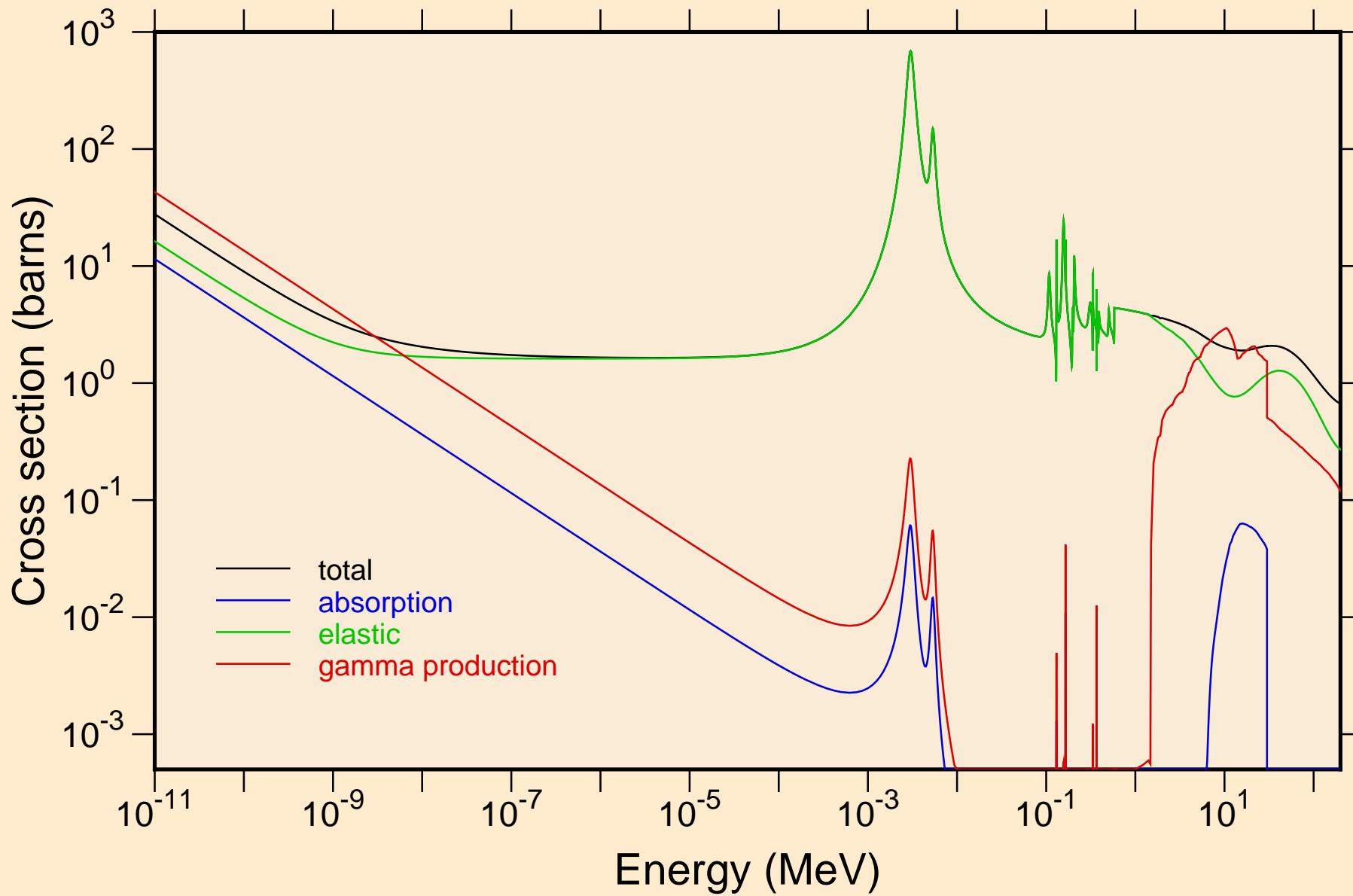
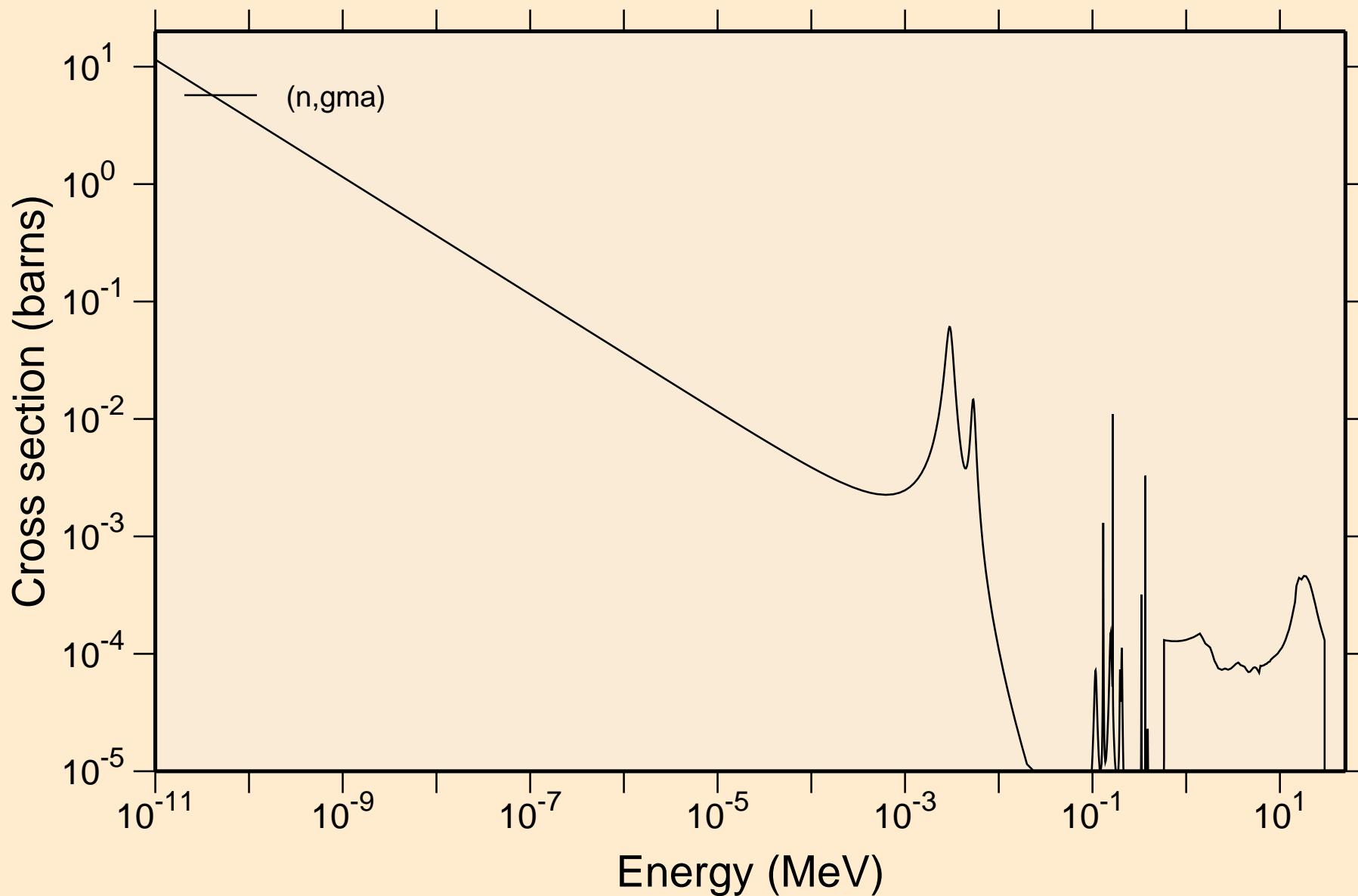


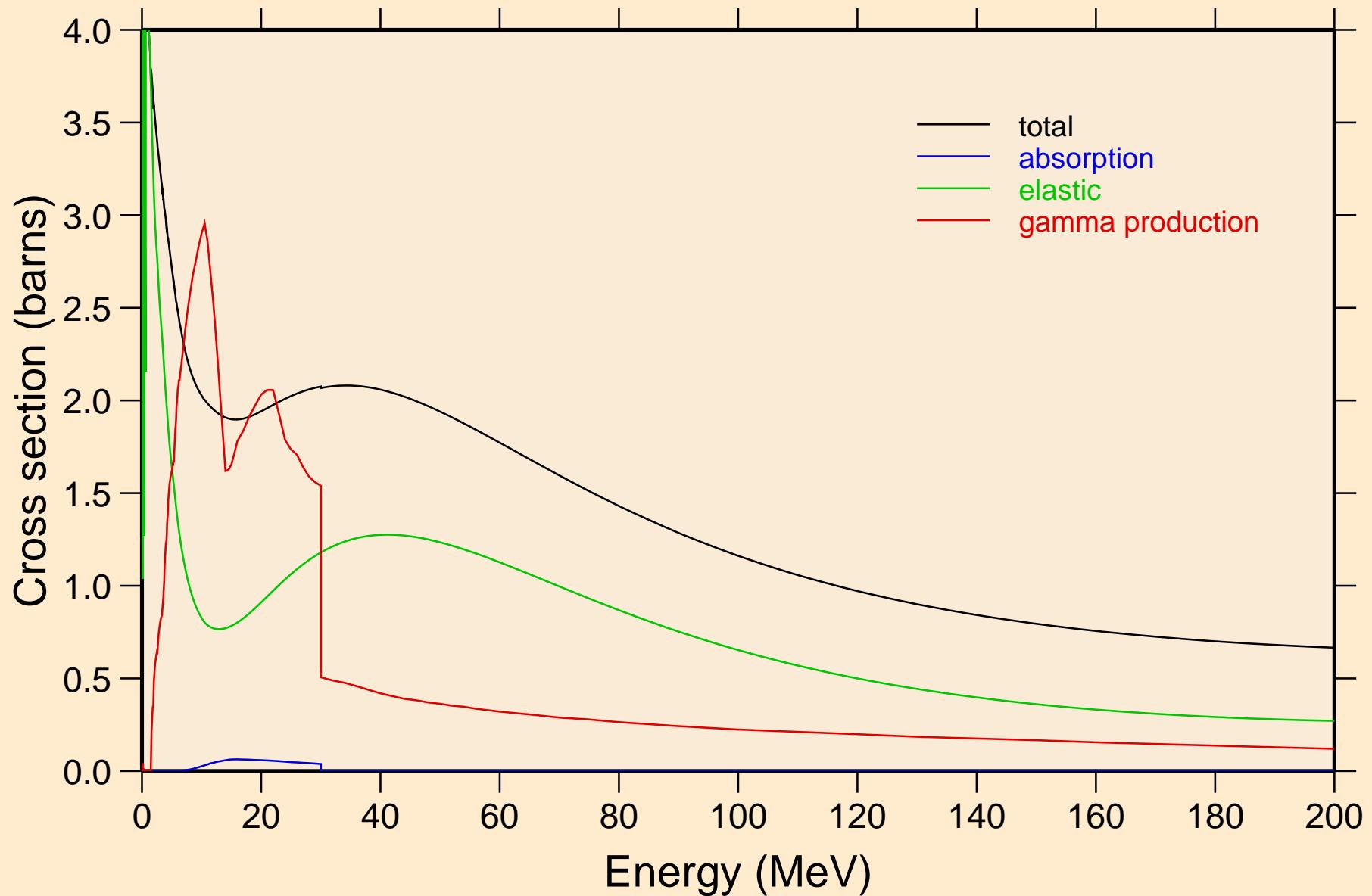
P033 NRG TENDL-2015, AKONING  
Principal cross sections



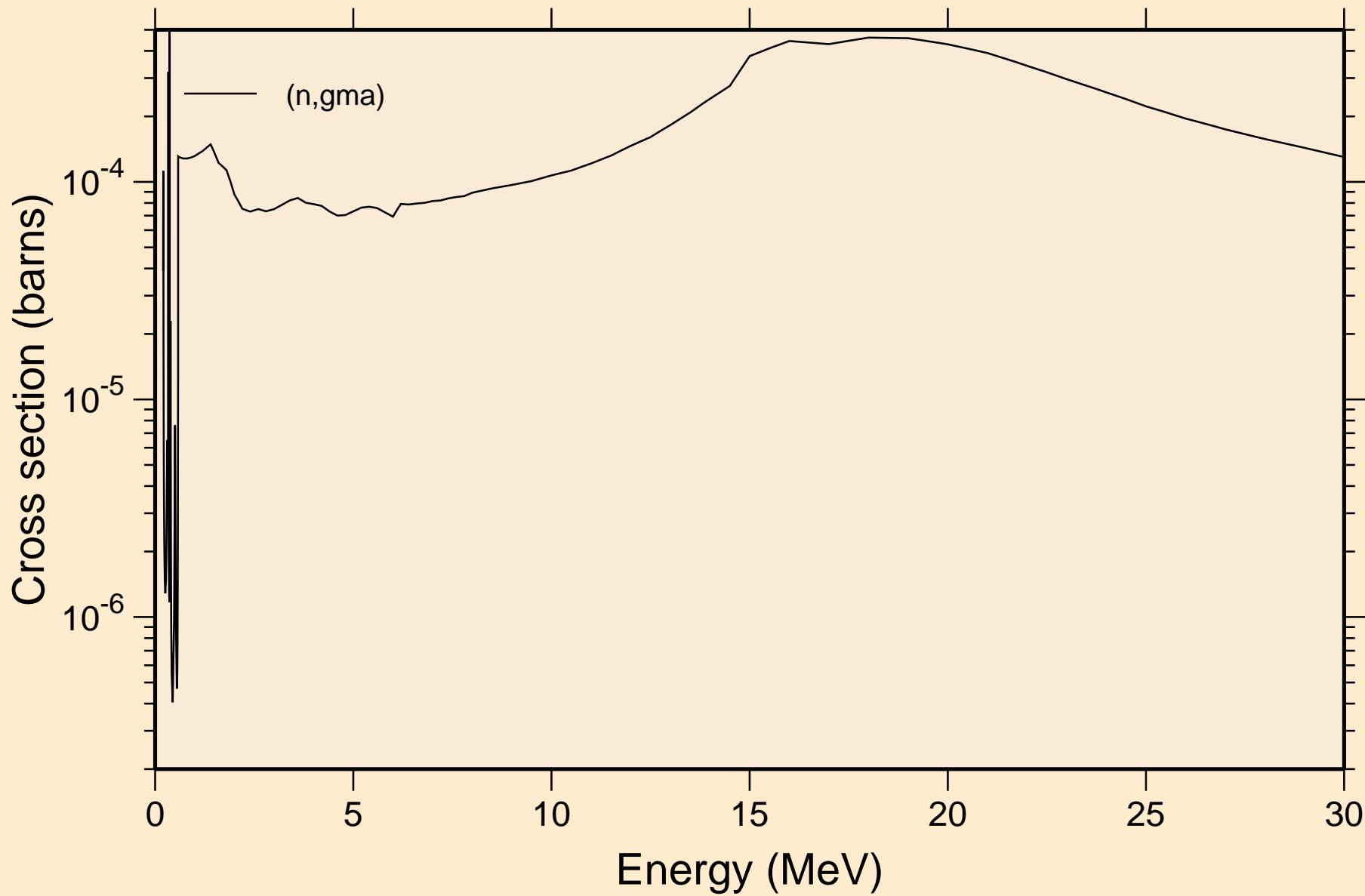
P033 NRG TENDL-2015, AKONING  
Non-threshold reactions



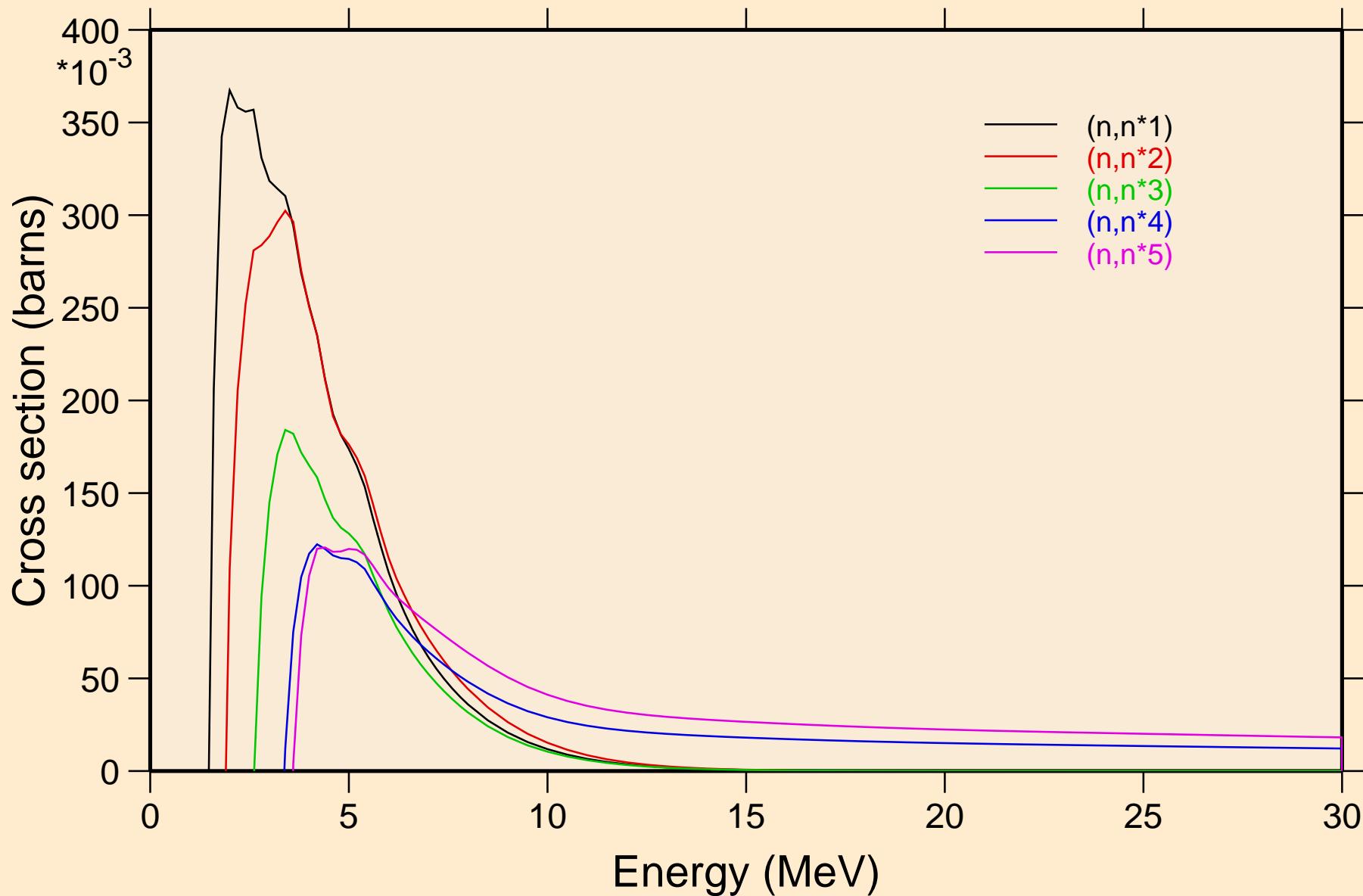
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Principal cross sections



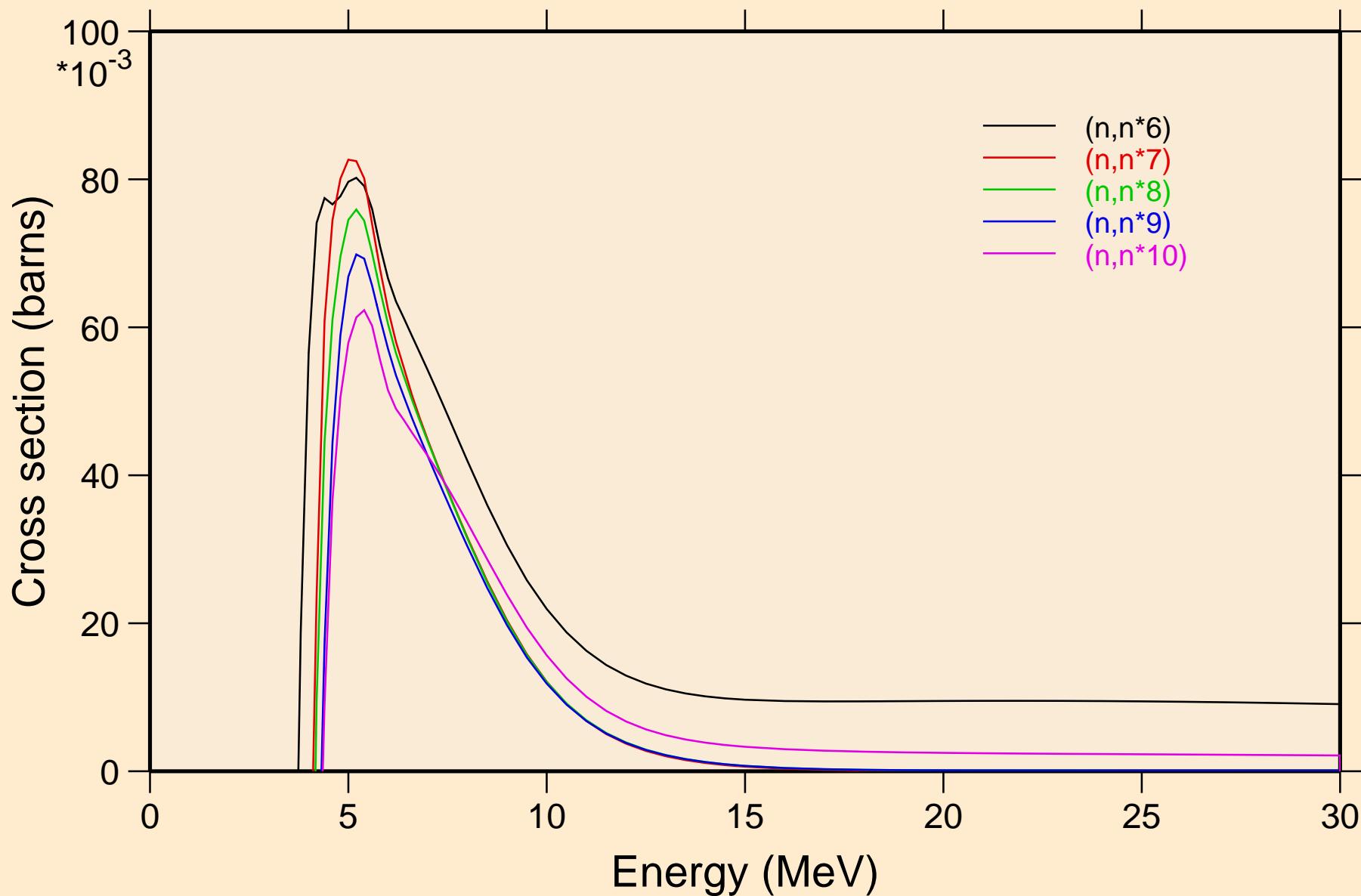
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Non-threshold reactions



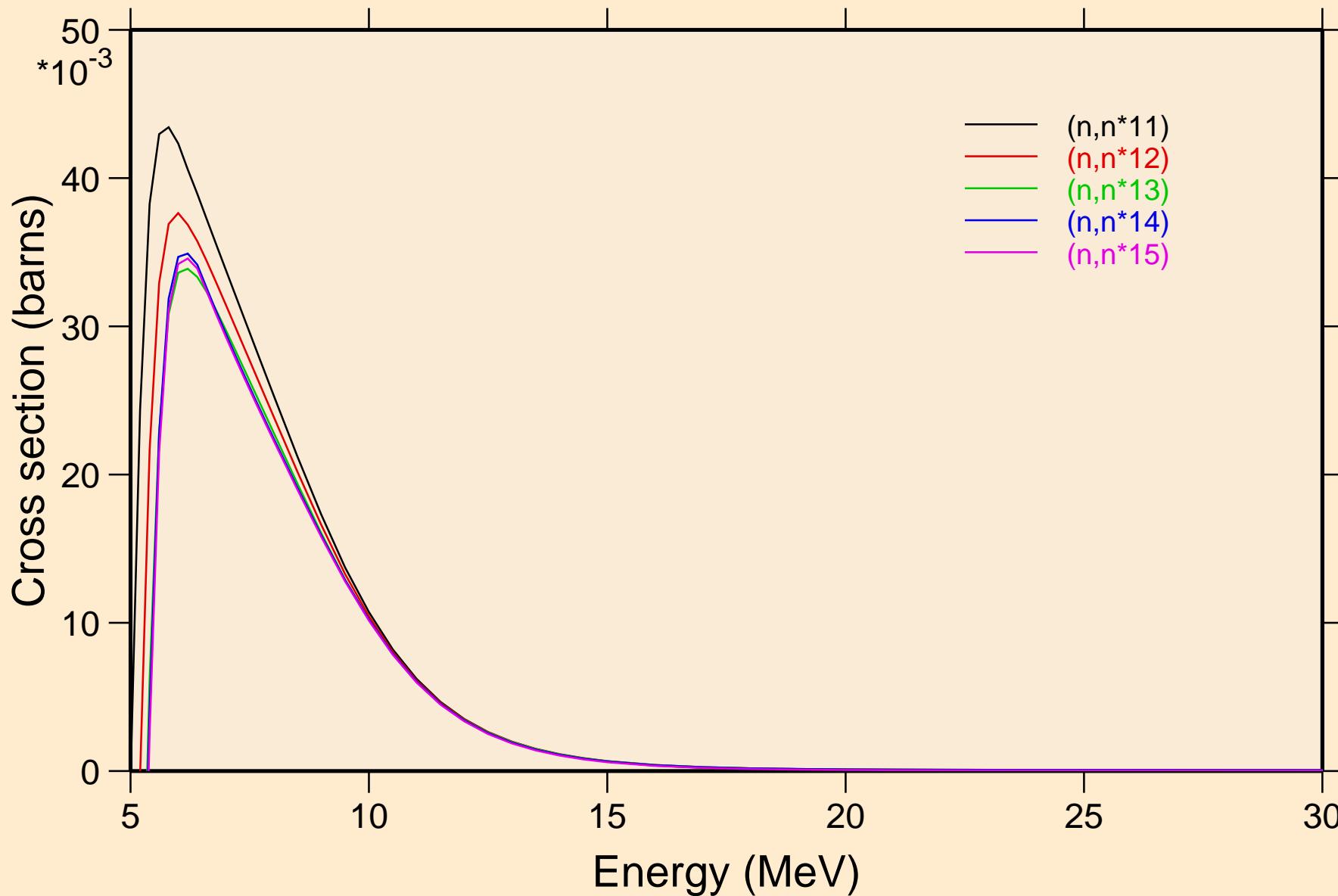
P033 NRG TENDL-2015, AKONING  
Inelastic levels



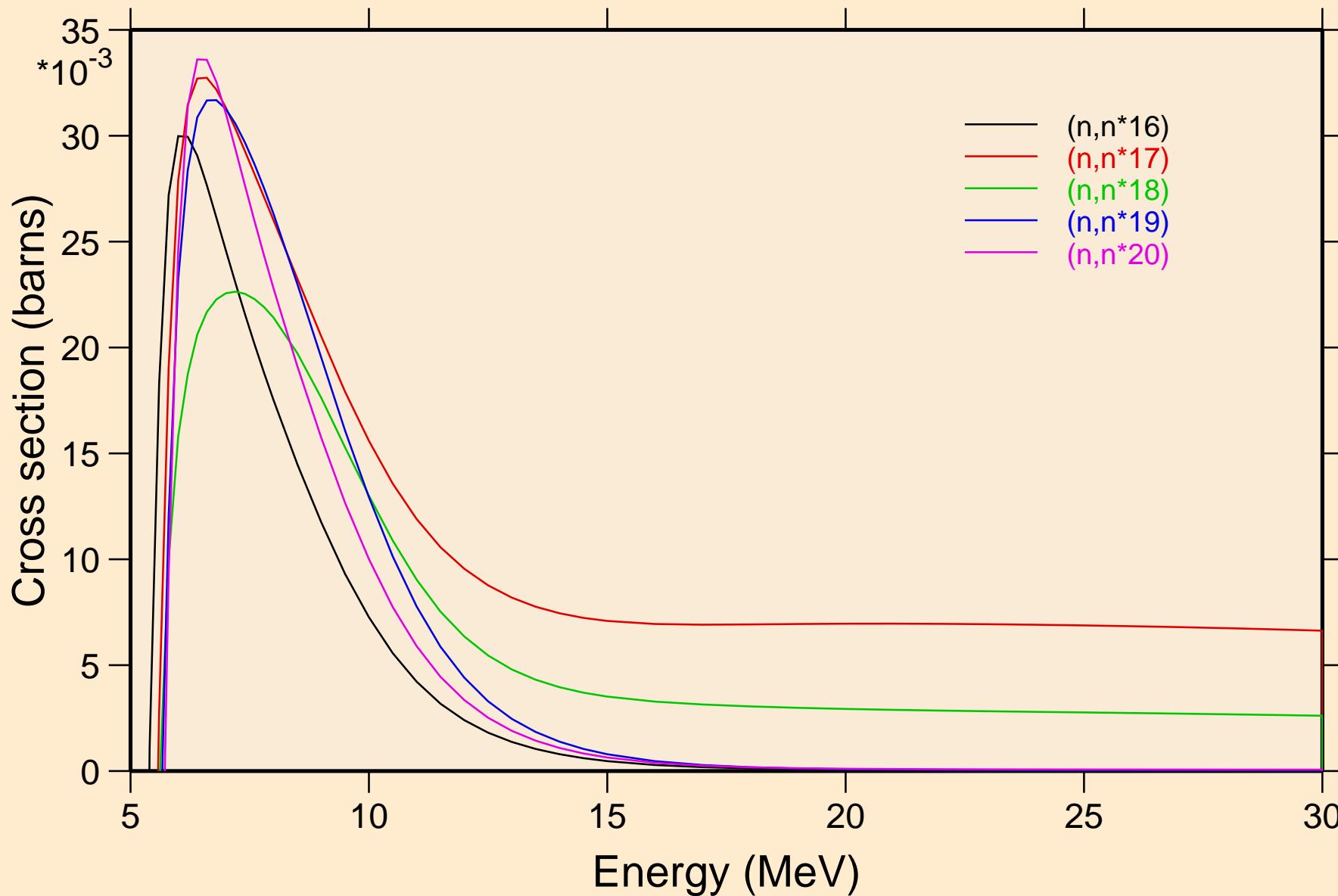
P033 NRG TENDL-2015, AKONING  
Inelastic levels



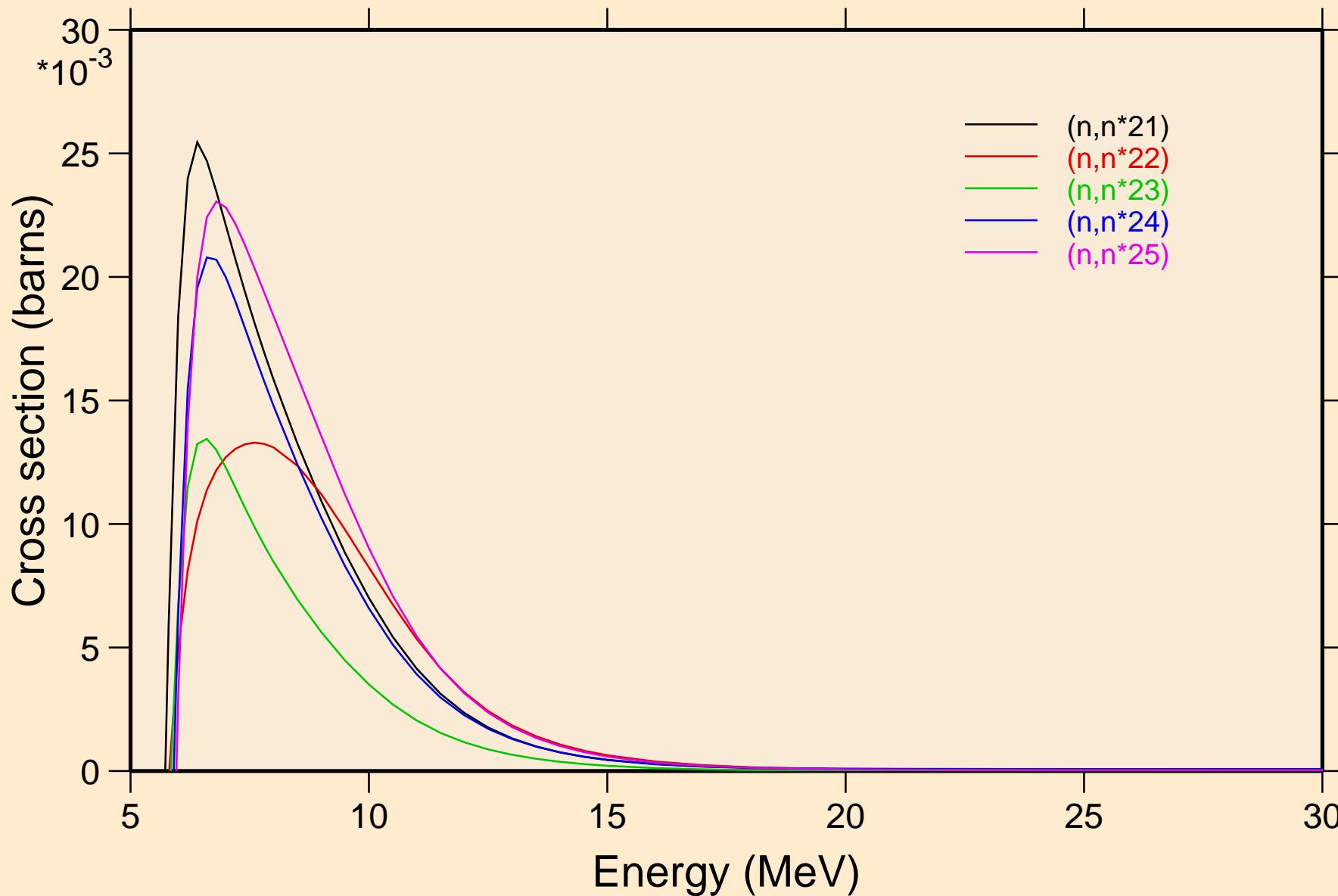
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Inelastic levels



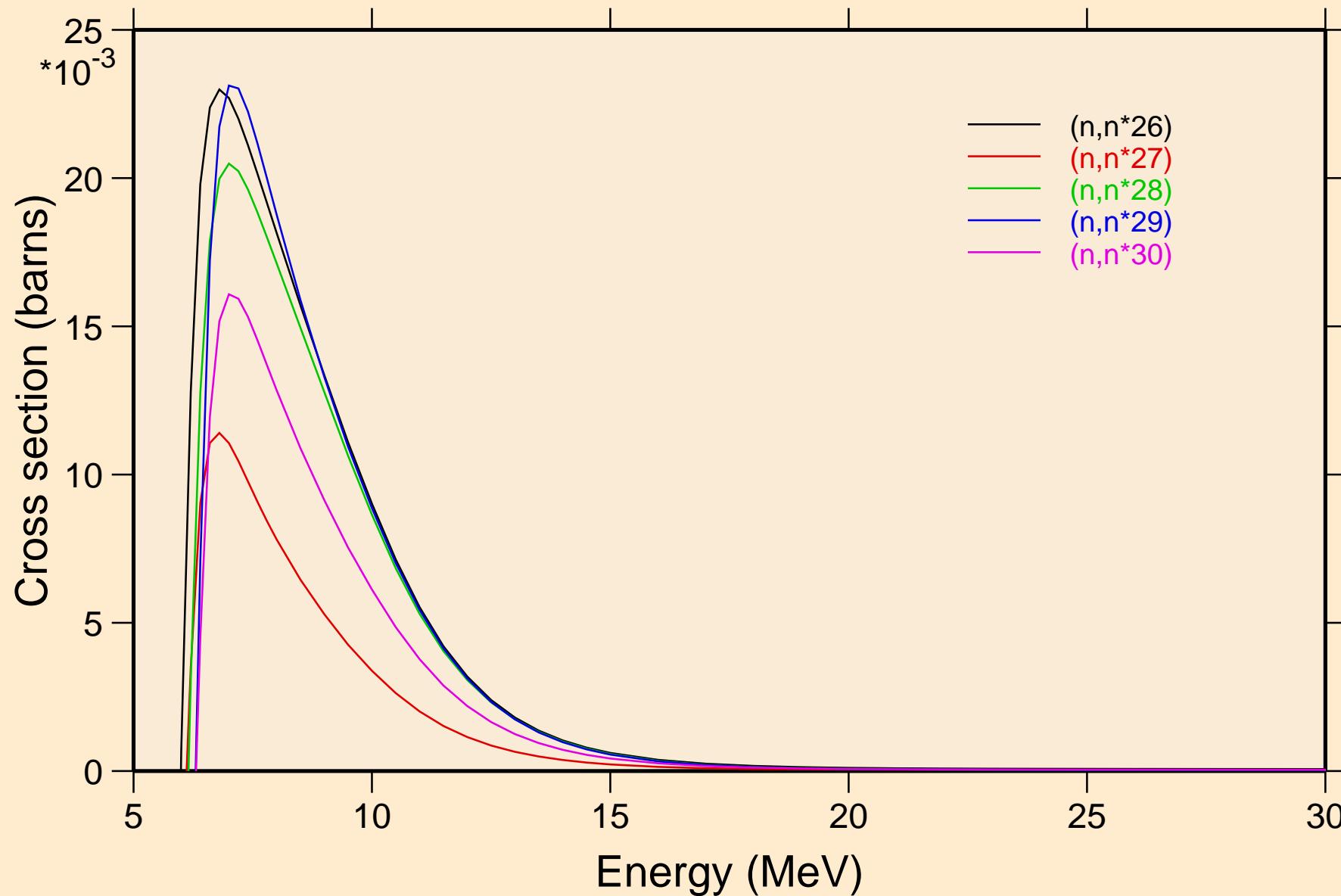
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Inelastic levels



P033 NRG TENDL-2015, AKONING  
Inelastic levels

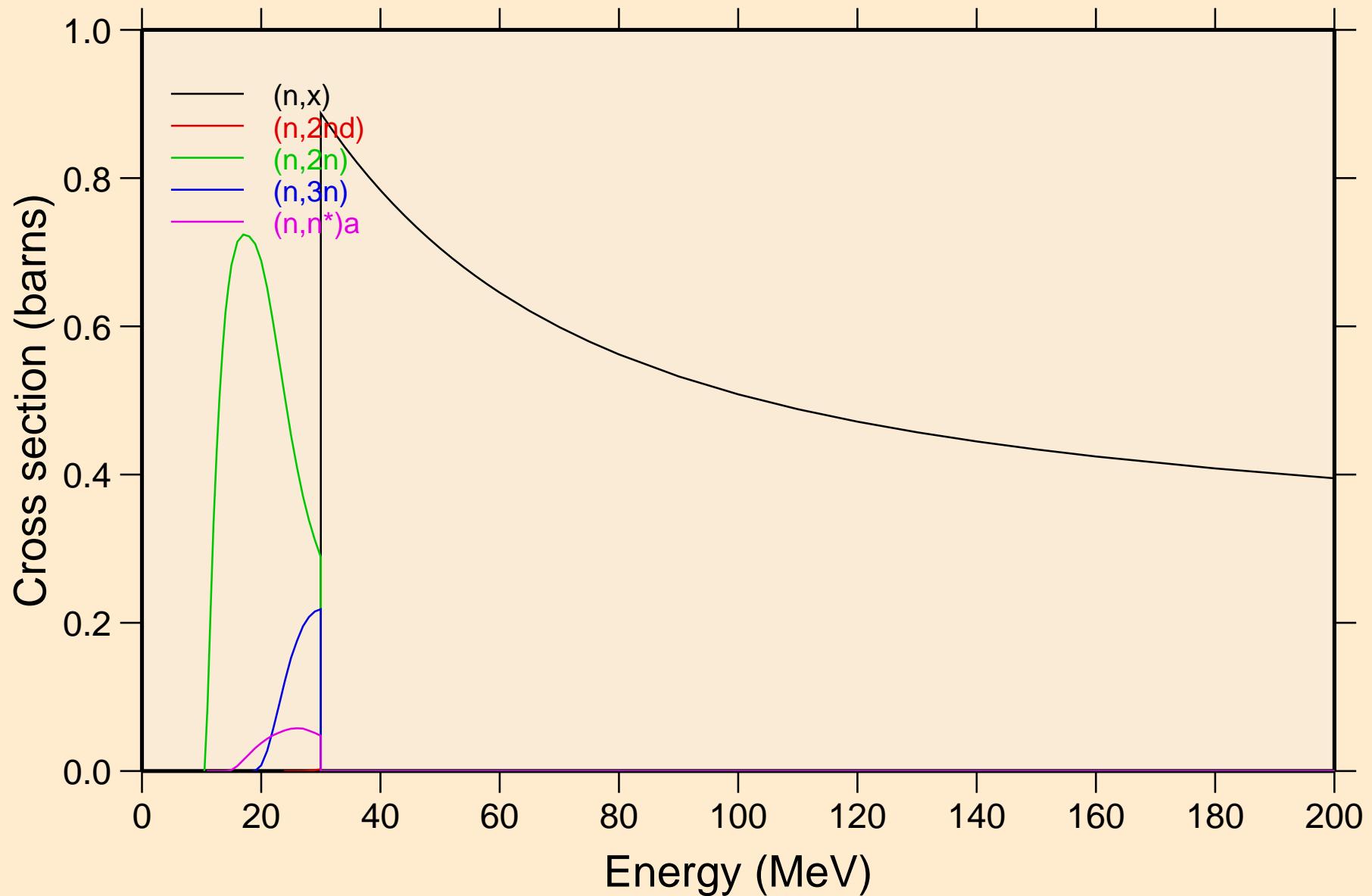


P033 NRG TENDL-2015, AKONING  
Inelastic levels



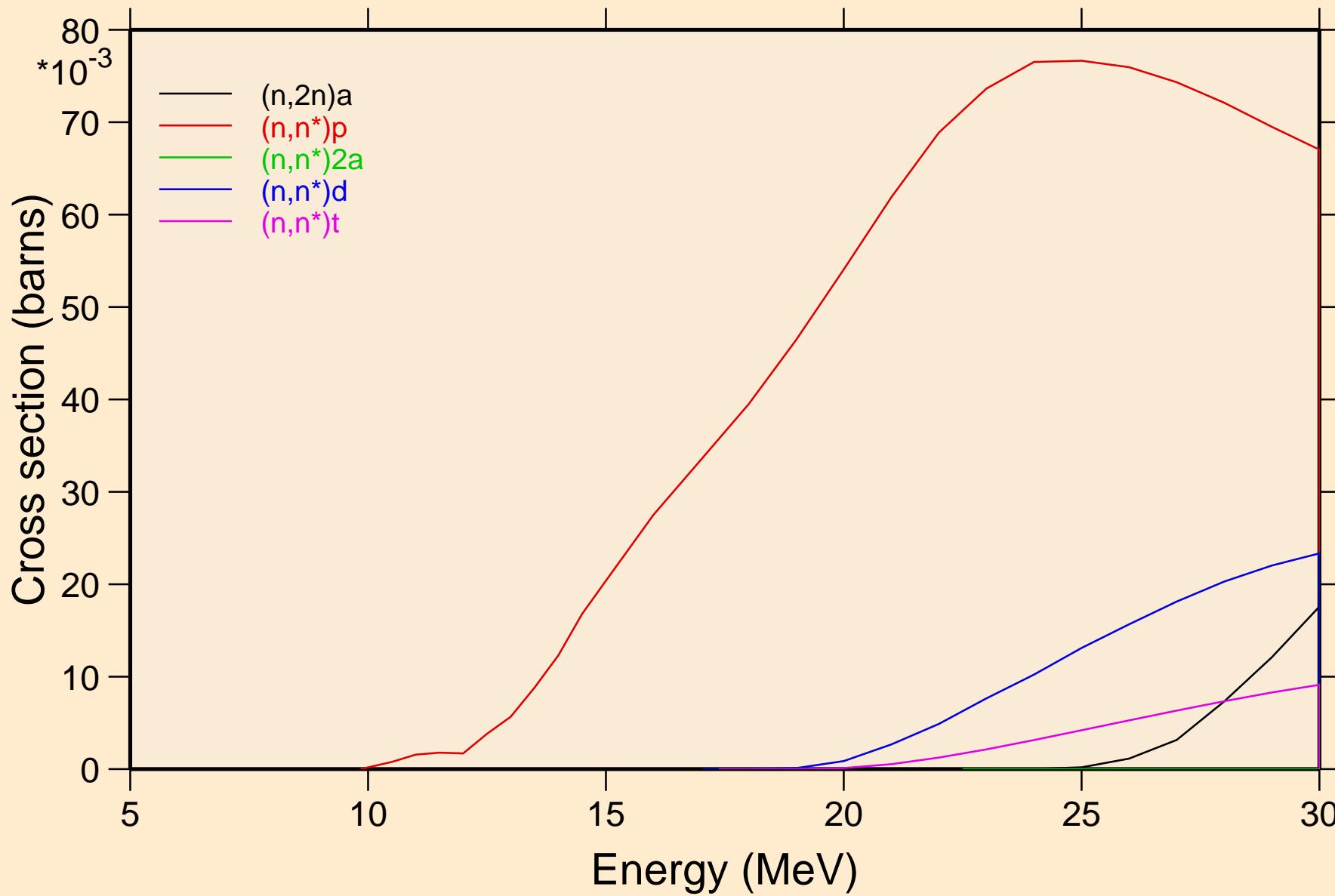
# P033 NRG TENDL-2015, AKONING

## Threshold reactions

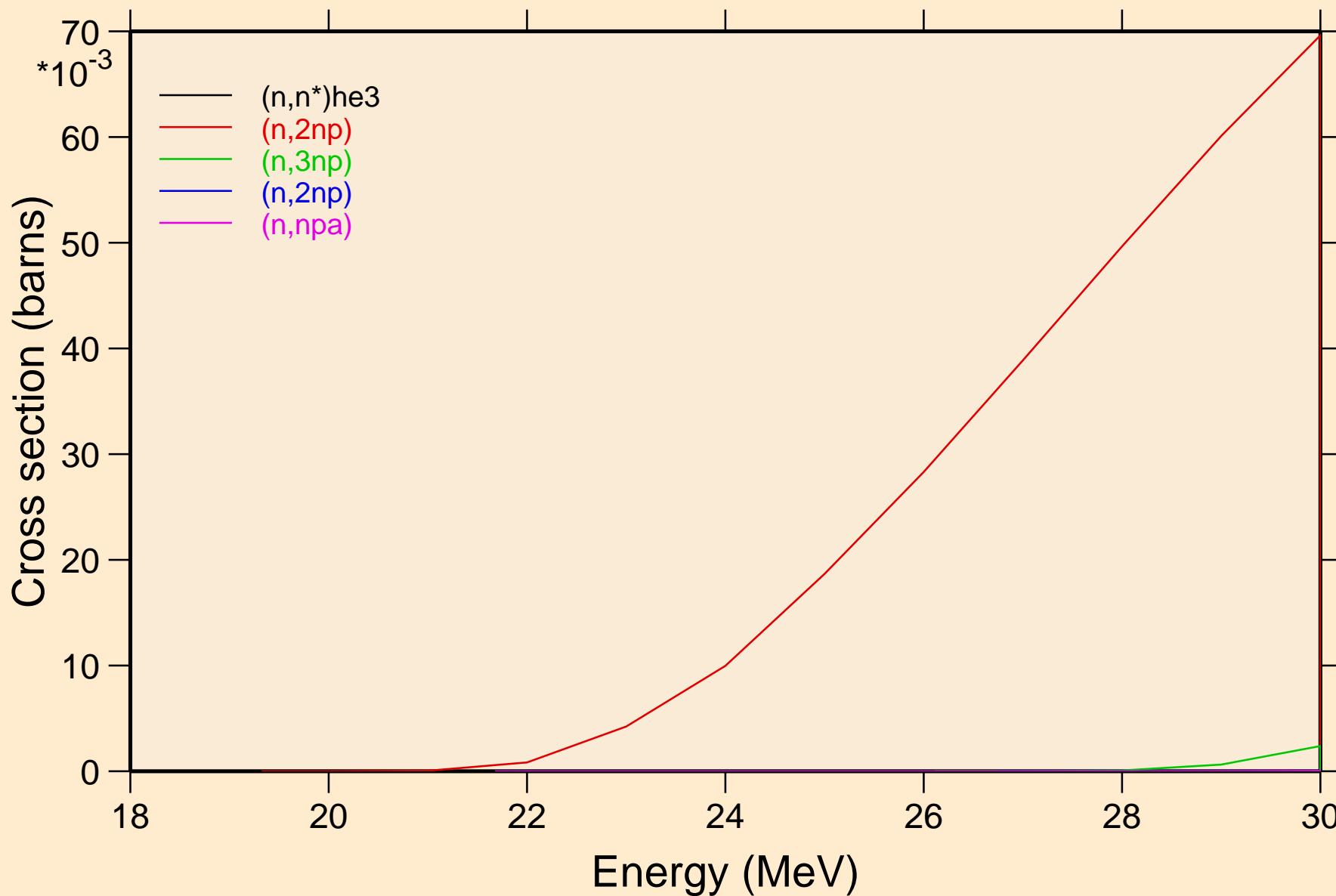


# P033 NRG TENDL-2015, AKONING

## Threshold reactions

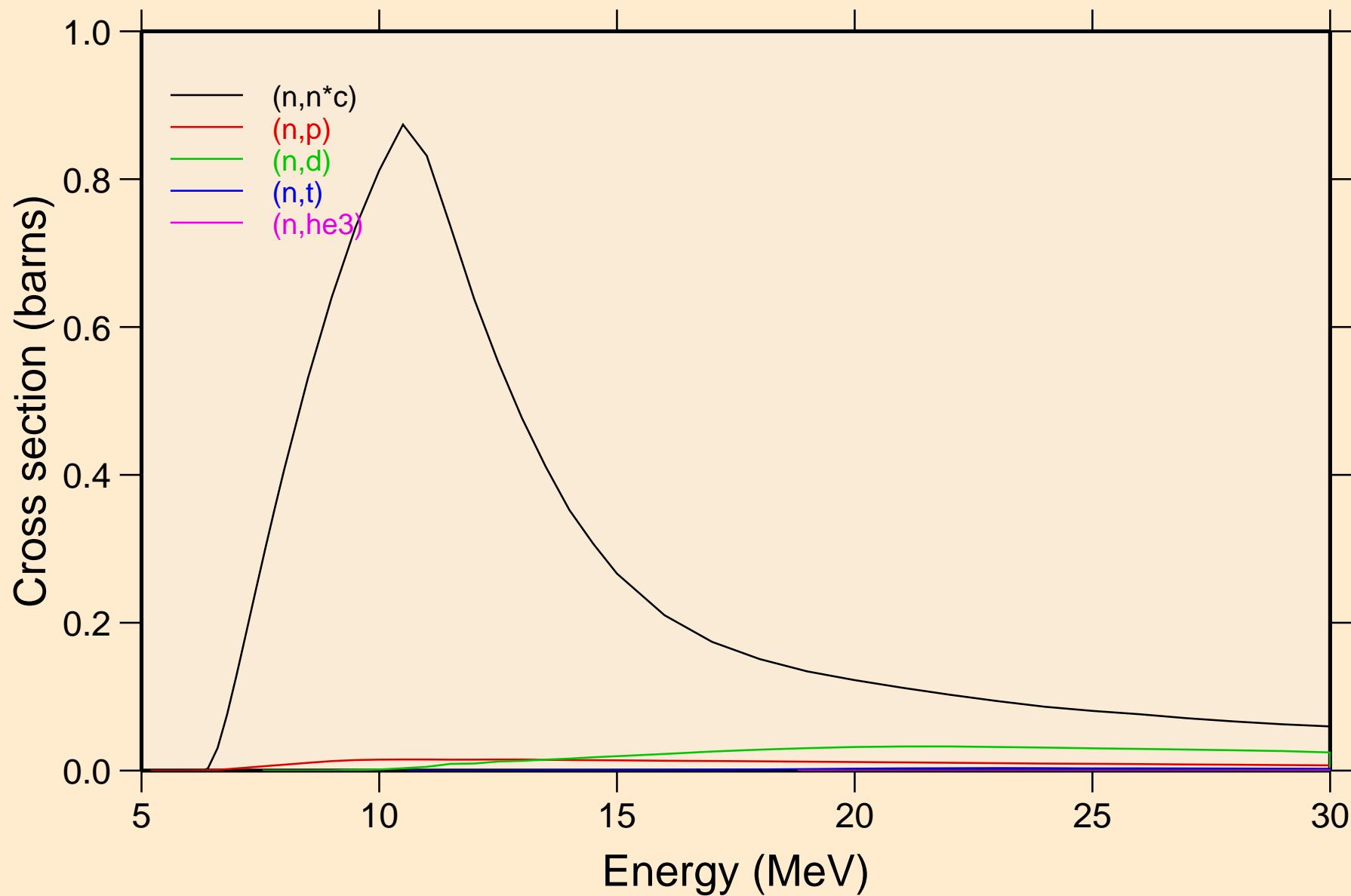


P033 NRG TENDL-2015, AKONING  
Threshold reactions

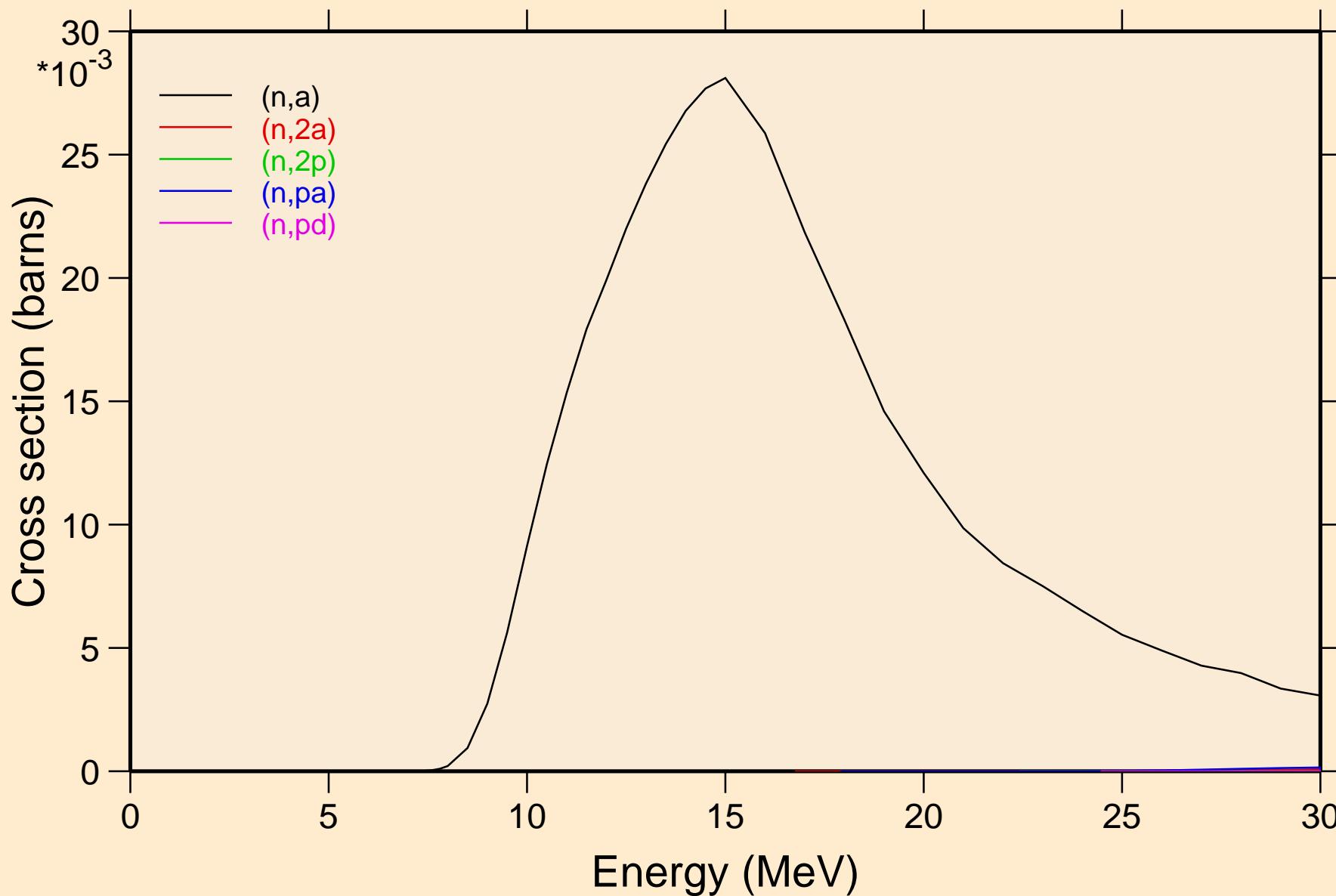


# P033 NRG TENDL-2015, AKONING

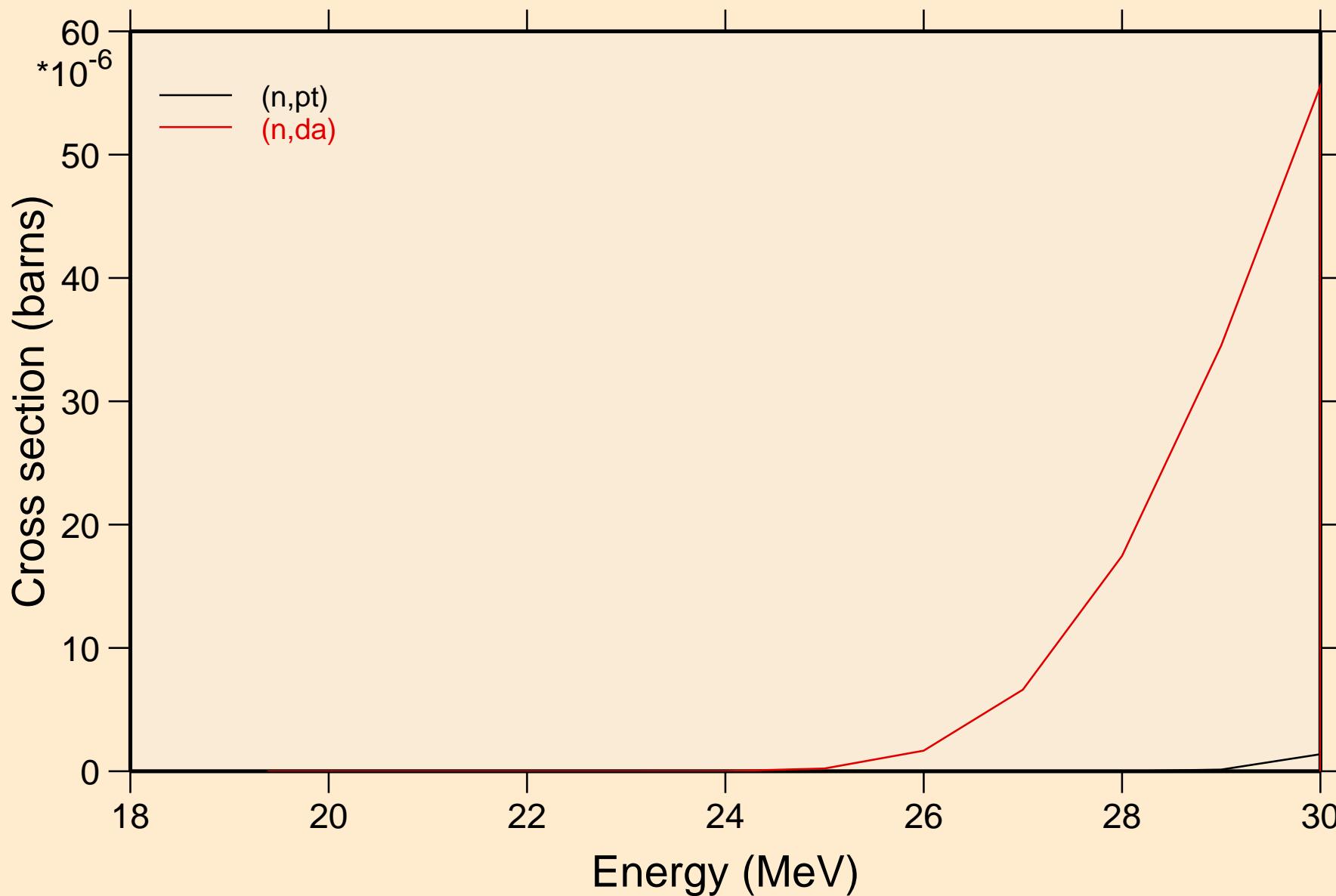
## Threshold reactions



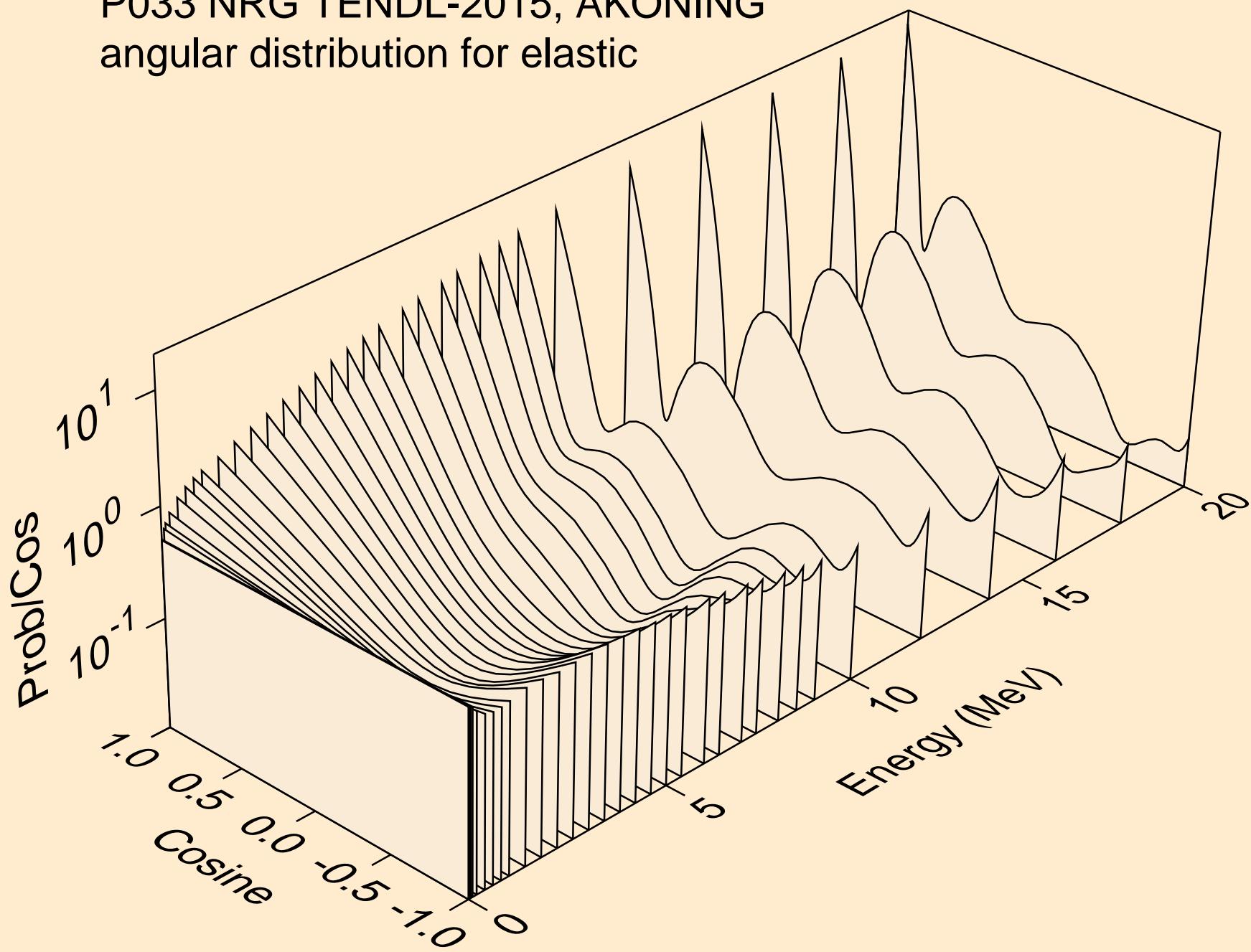
P033 NRG TENDL-2015, AKONING  
Threshold reactions



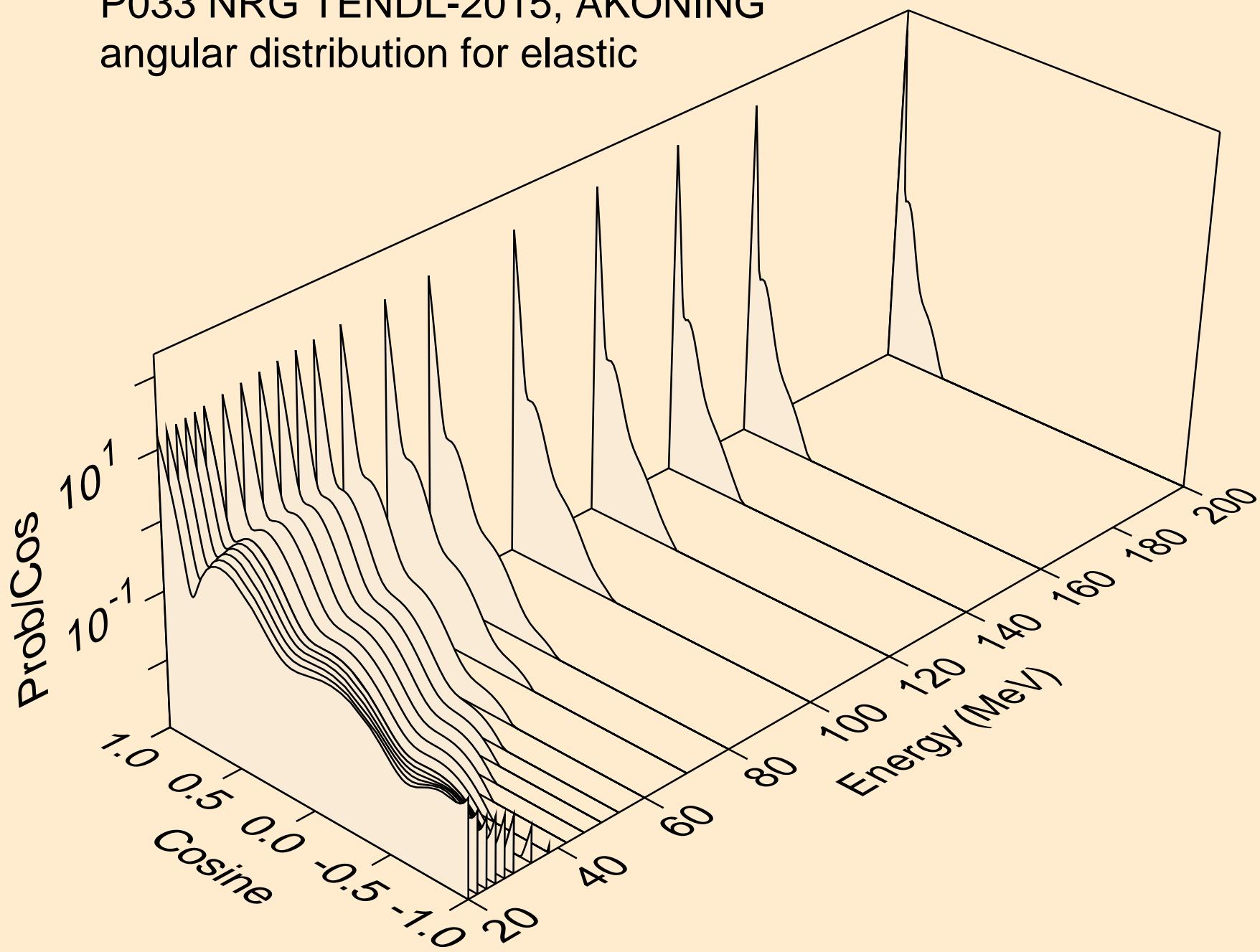
P033 NRG TENDL-2015, AKONING  
Threshold reactions



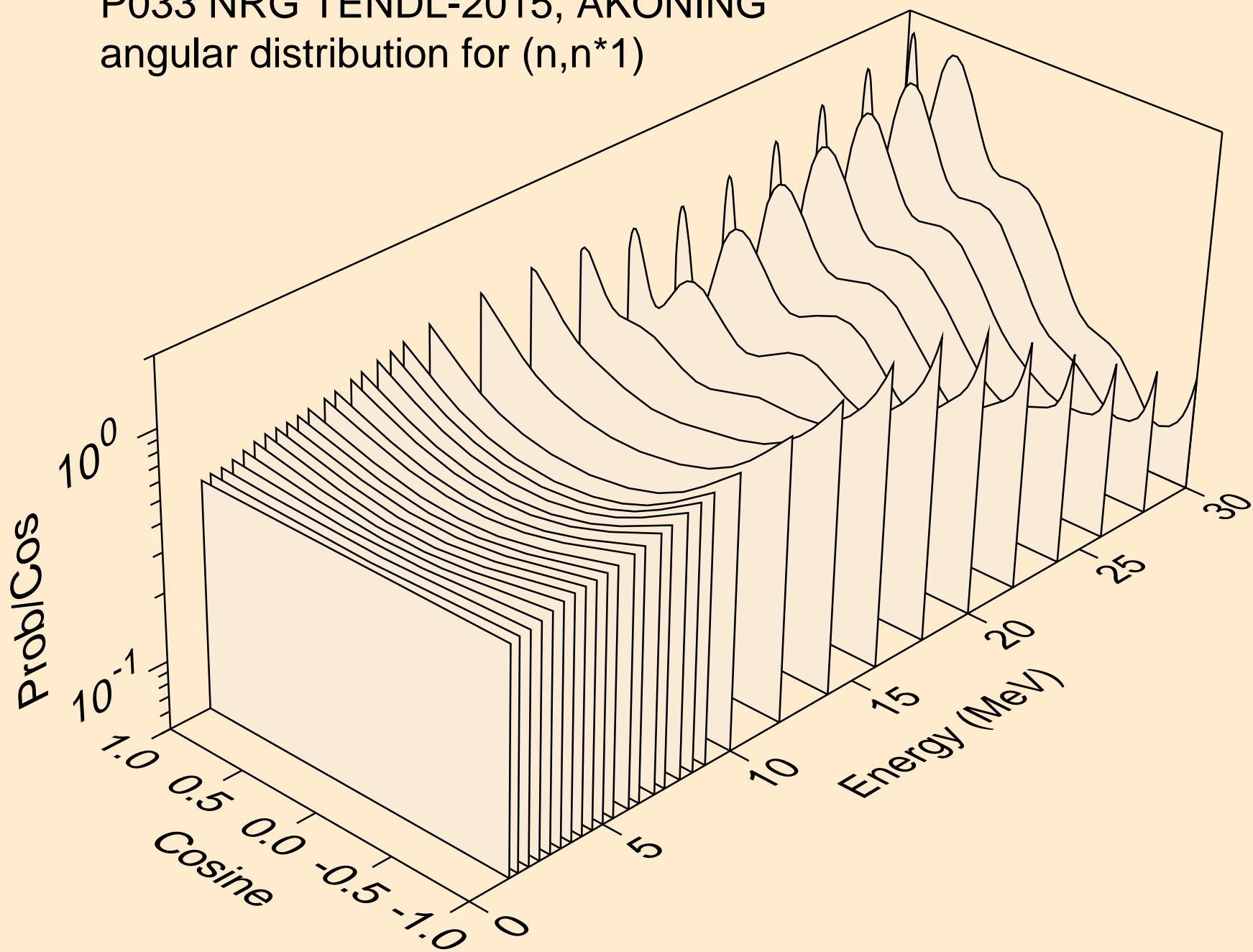
P033 NRG TENDL-2015, AKONING  
angular distribution for elastic



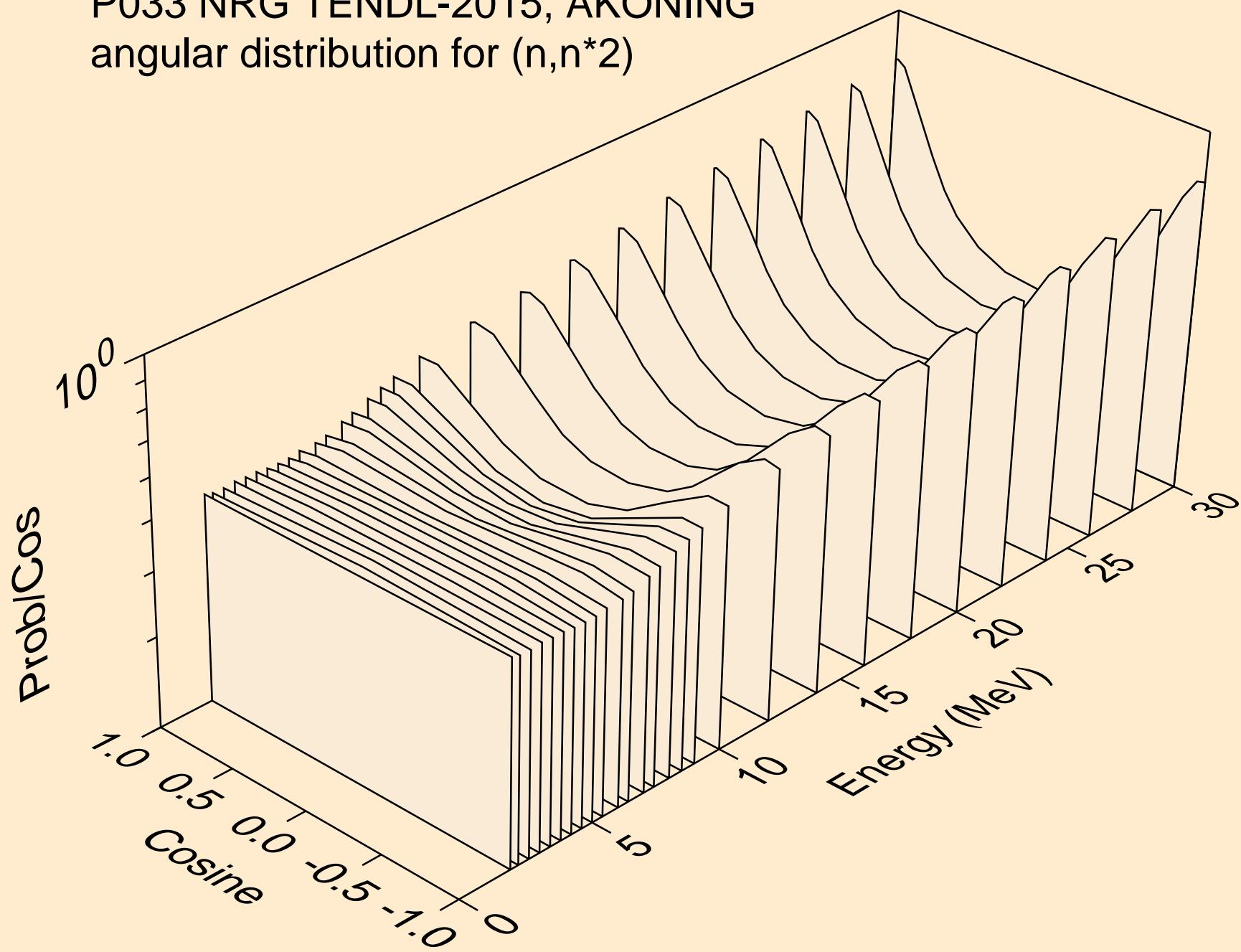
P033 NRG TENDL-2015, AKONING  
angular distribution for elastic



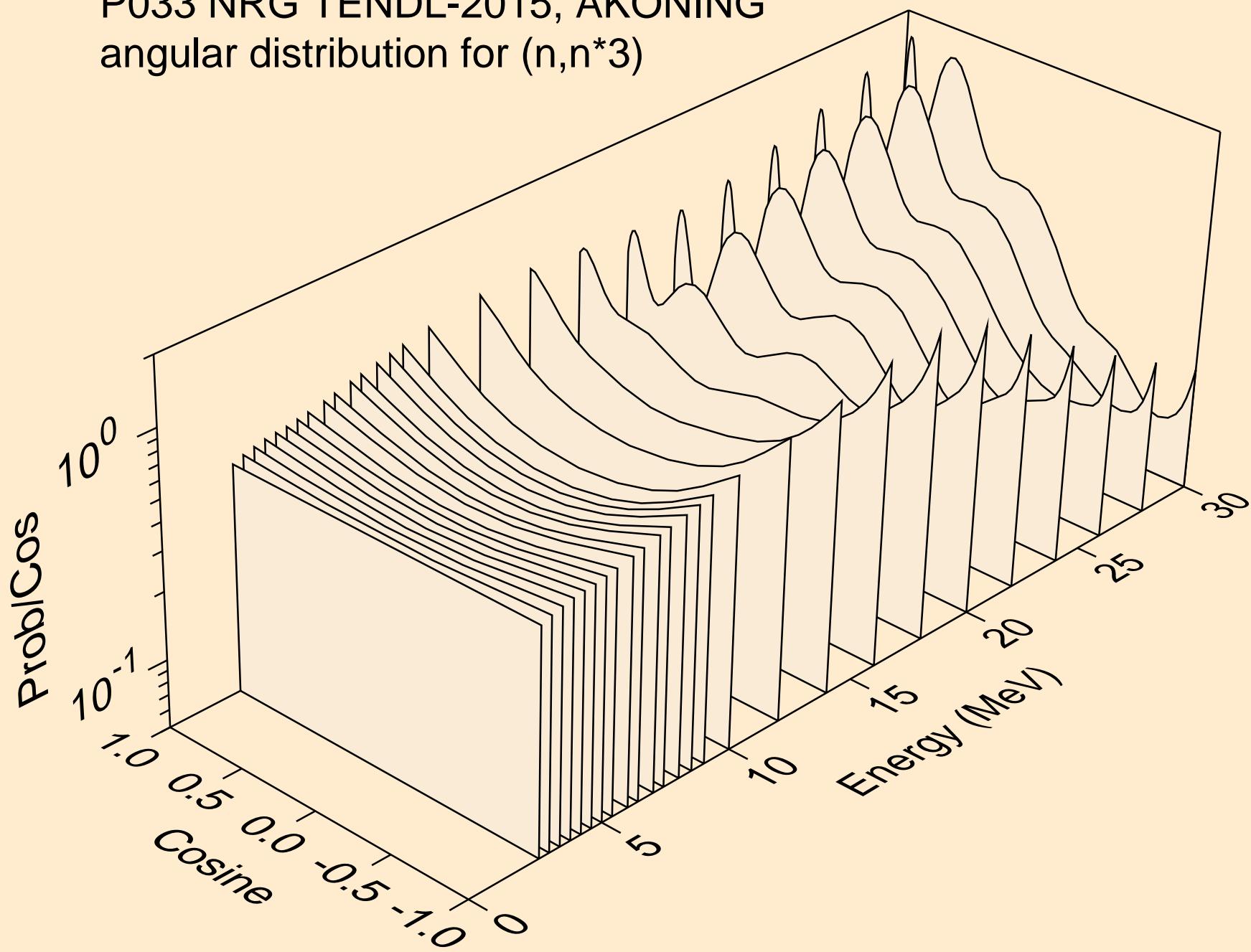
P033 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)$



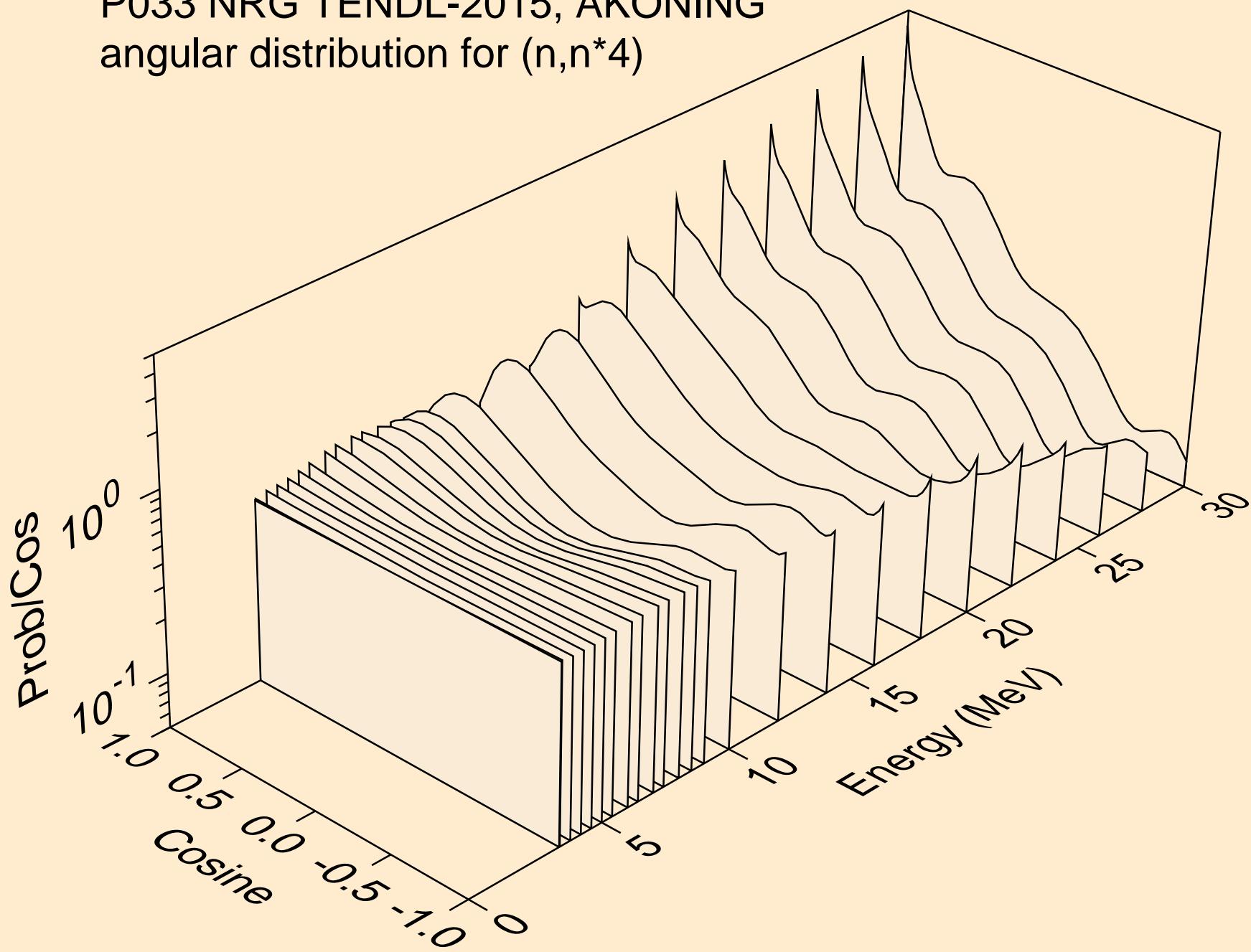
P033 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*2)$



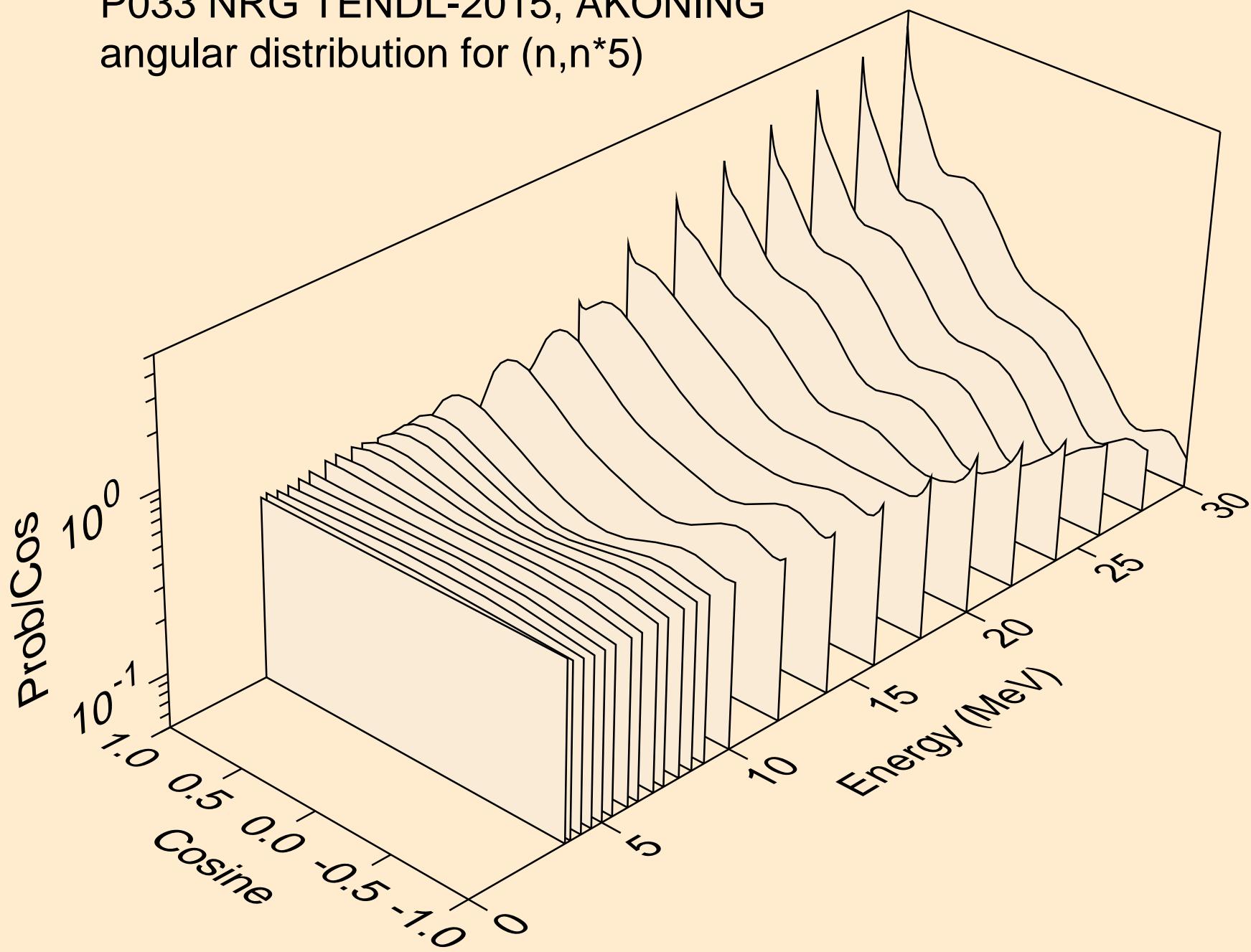
P033 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*3)$



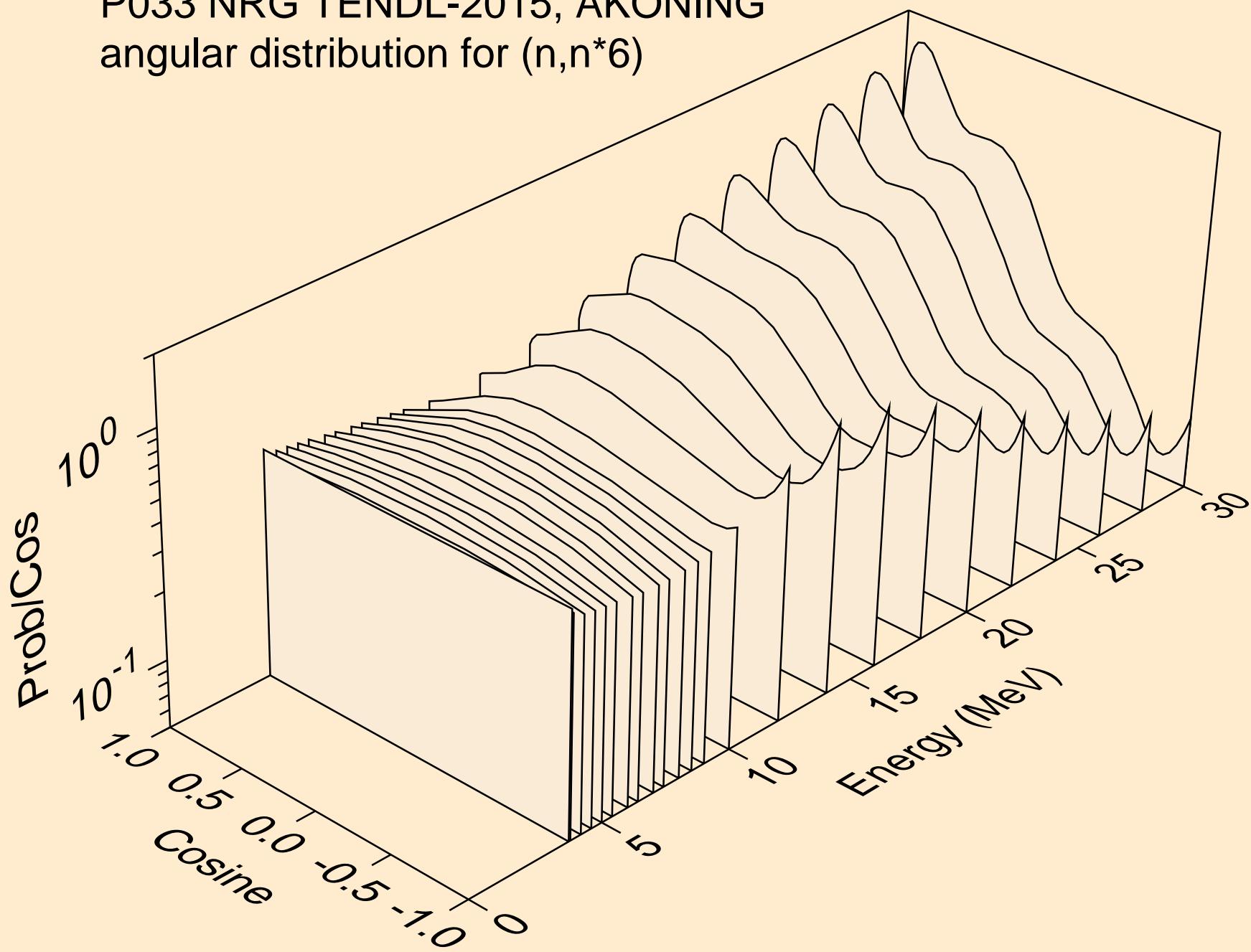
P033 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*4)$



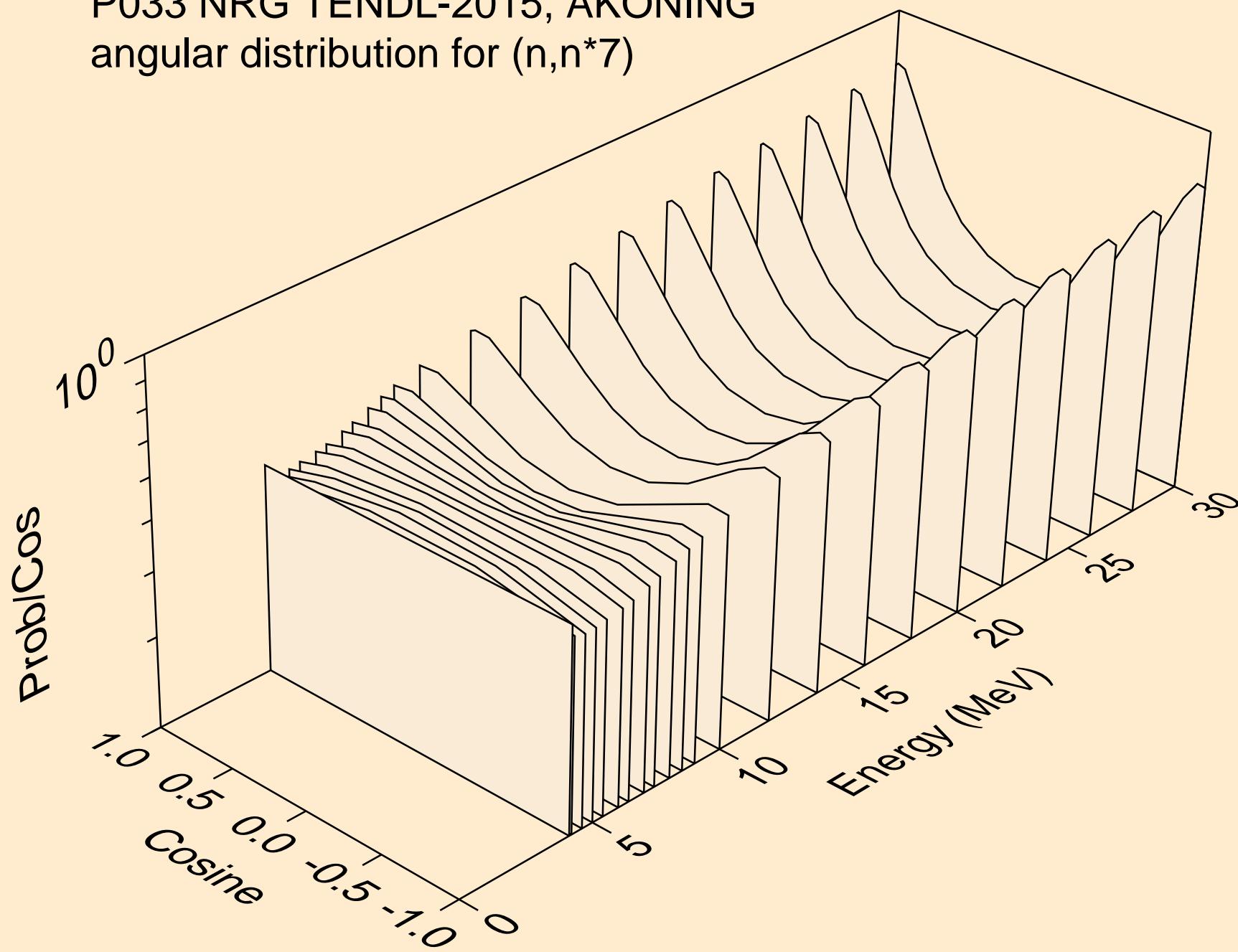
P033 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^5$



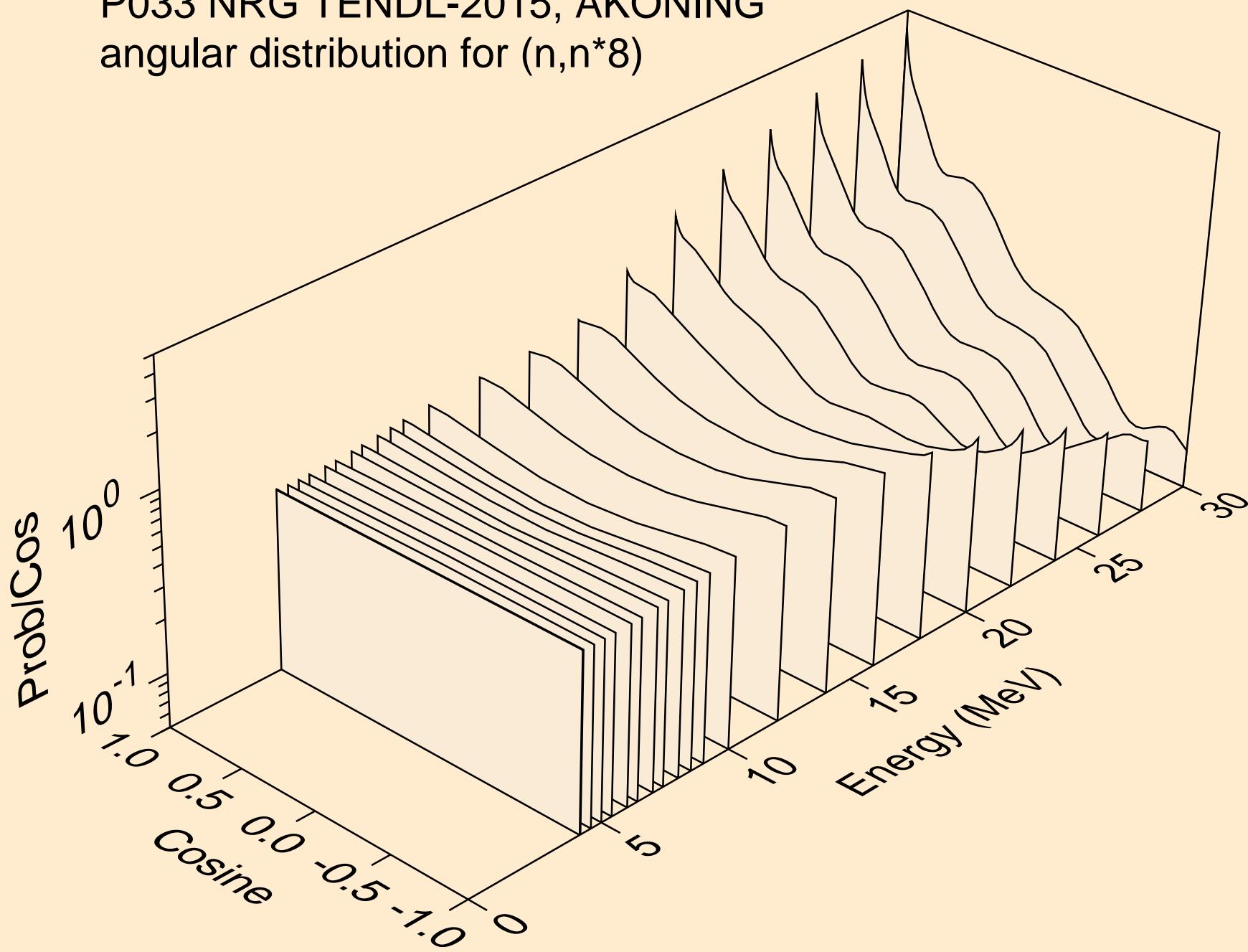
P033 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*6)$



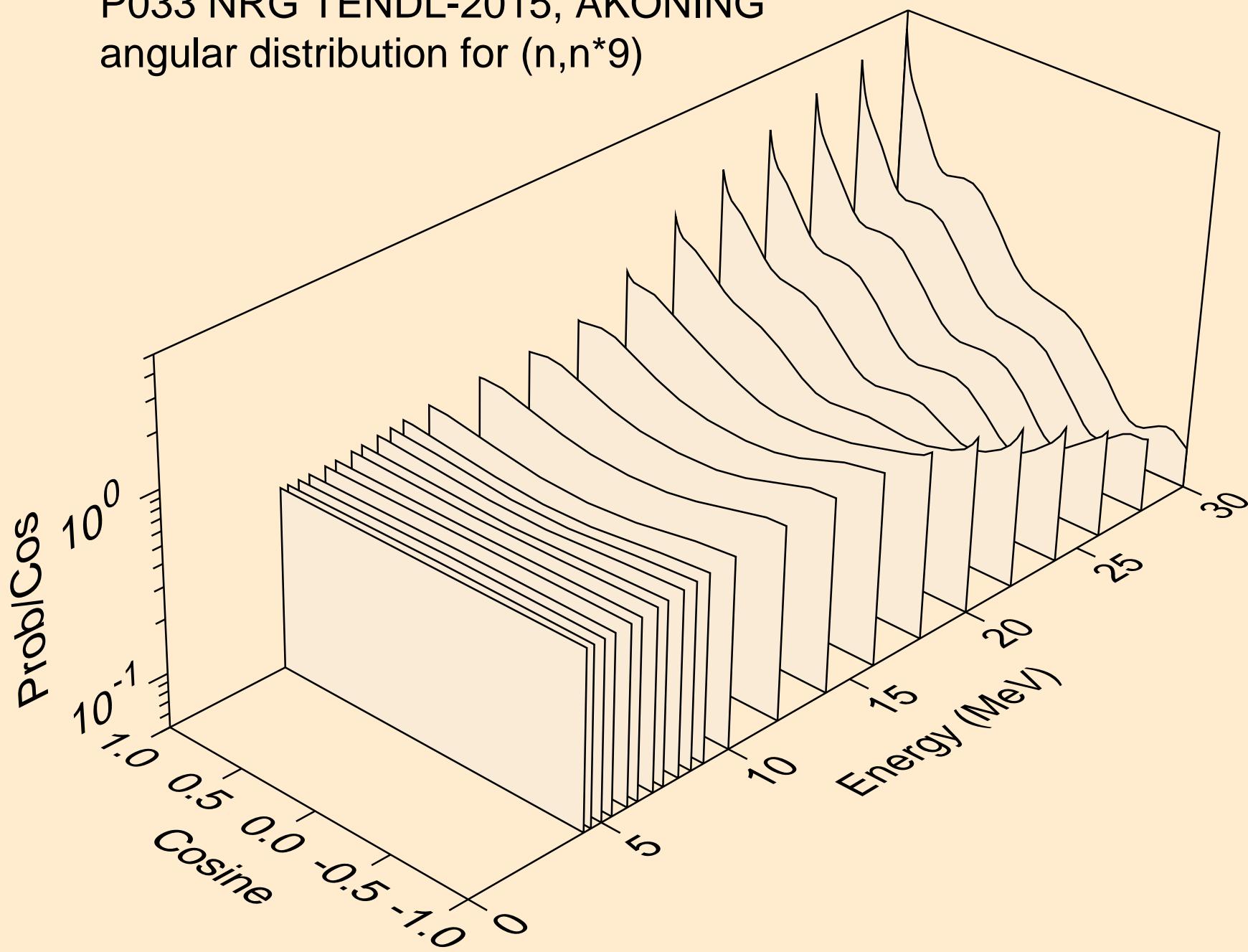
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angular distribution for  $(n,n^*)^7$



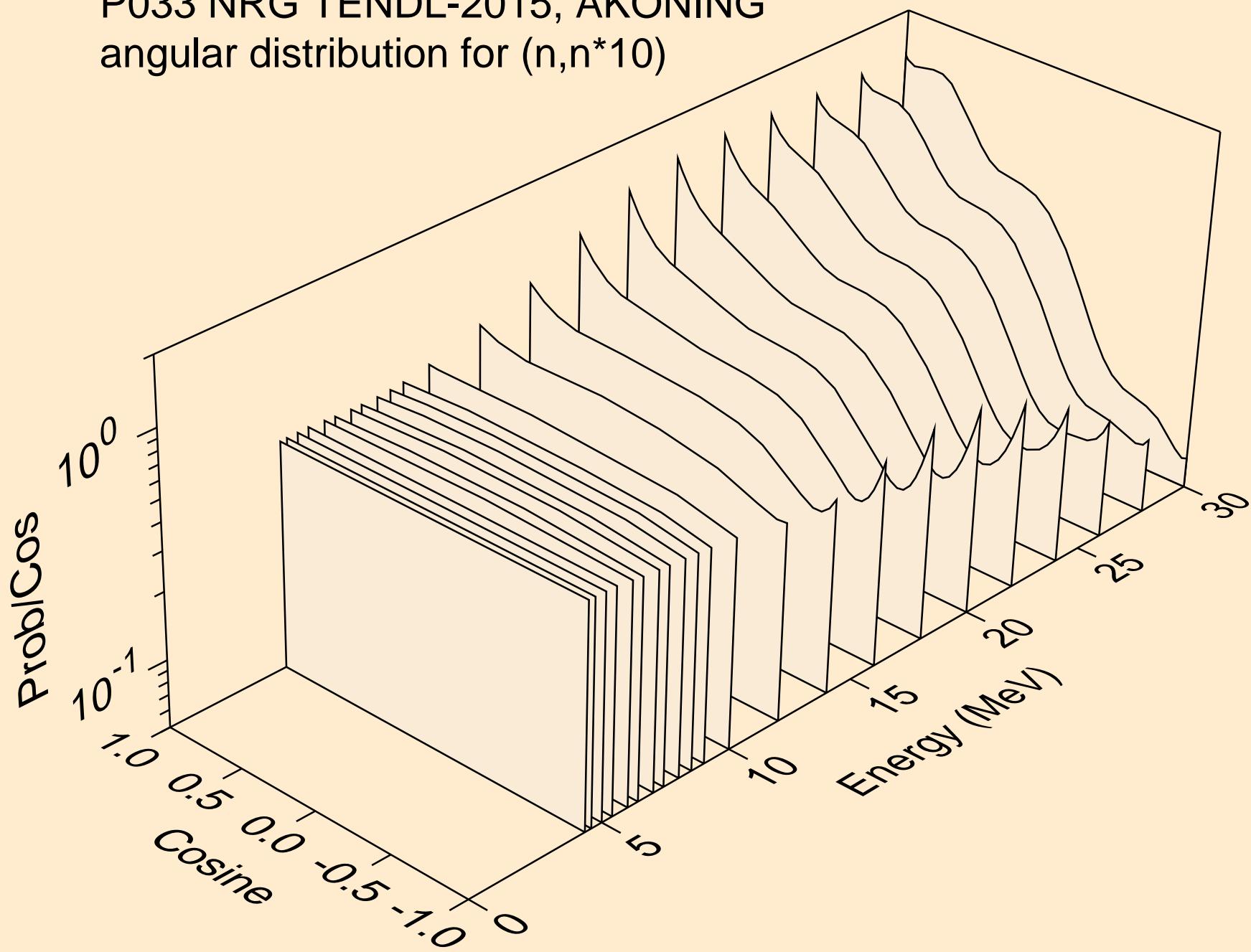
P033 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^8$



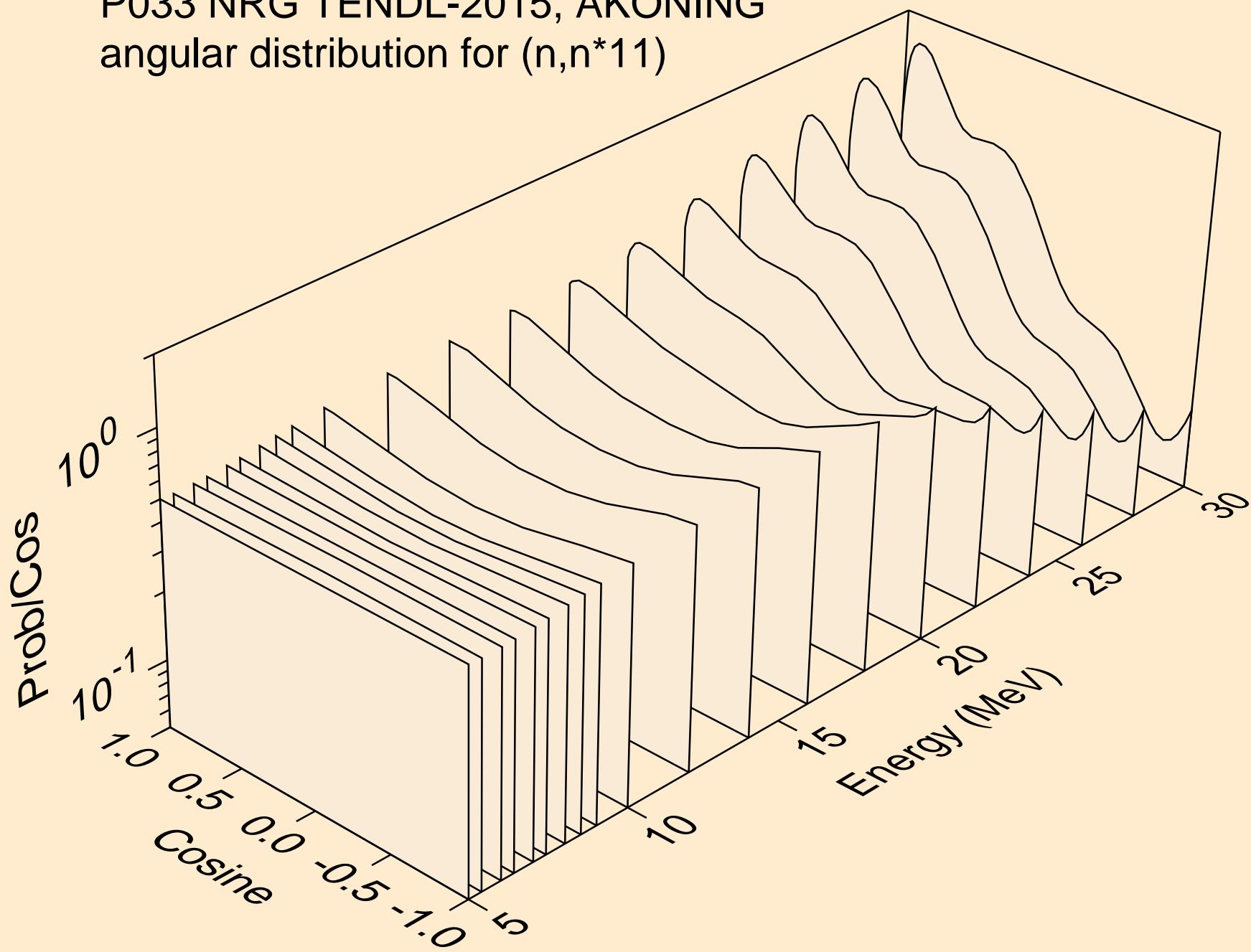
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angular distribution for  $(n,n^*)9$



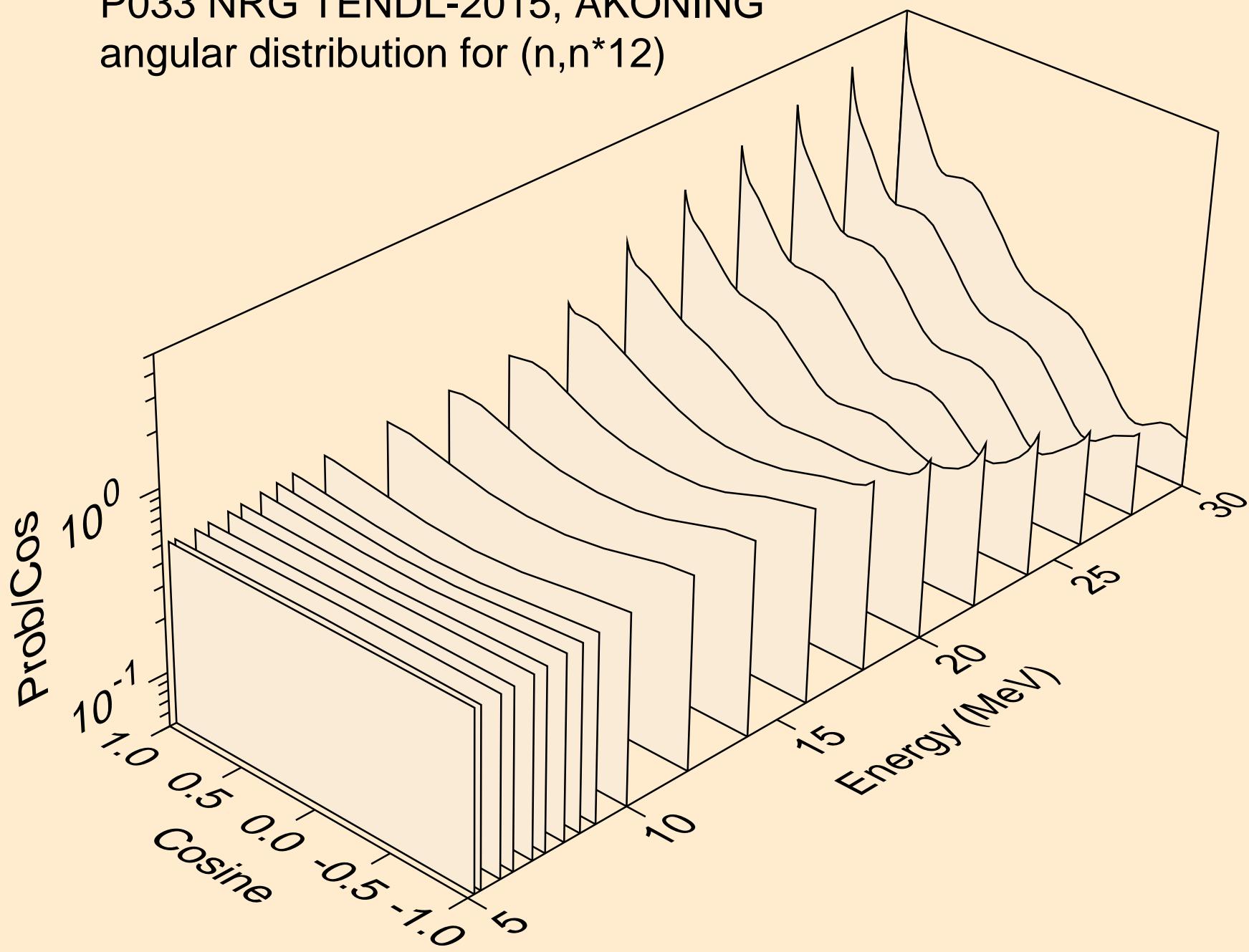
P033 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*10)$



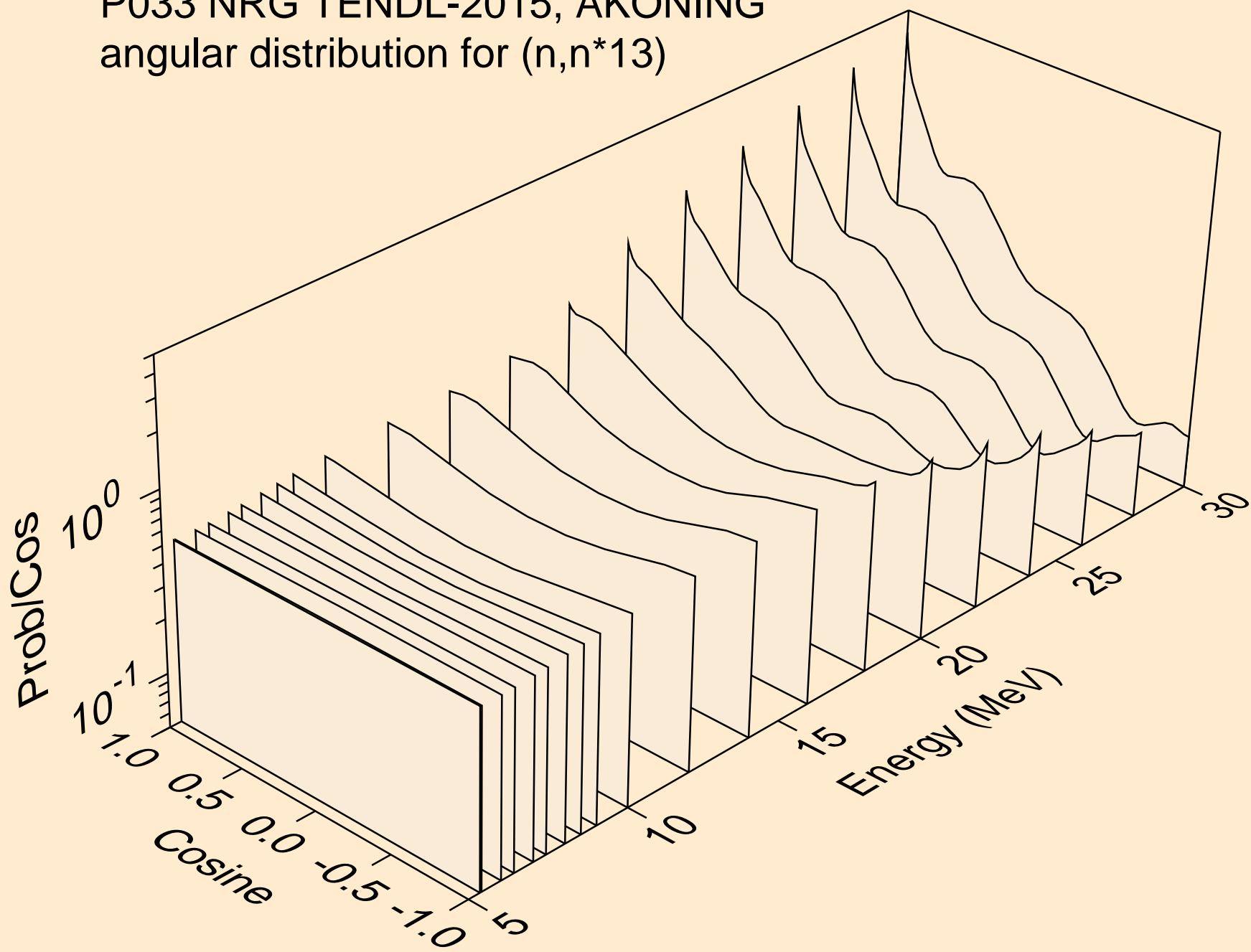
P033 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*11)$



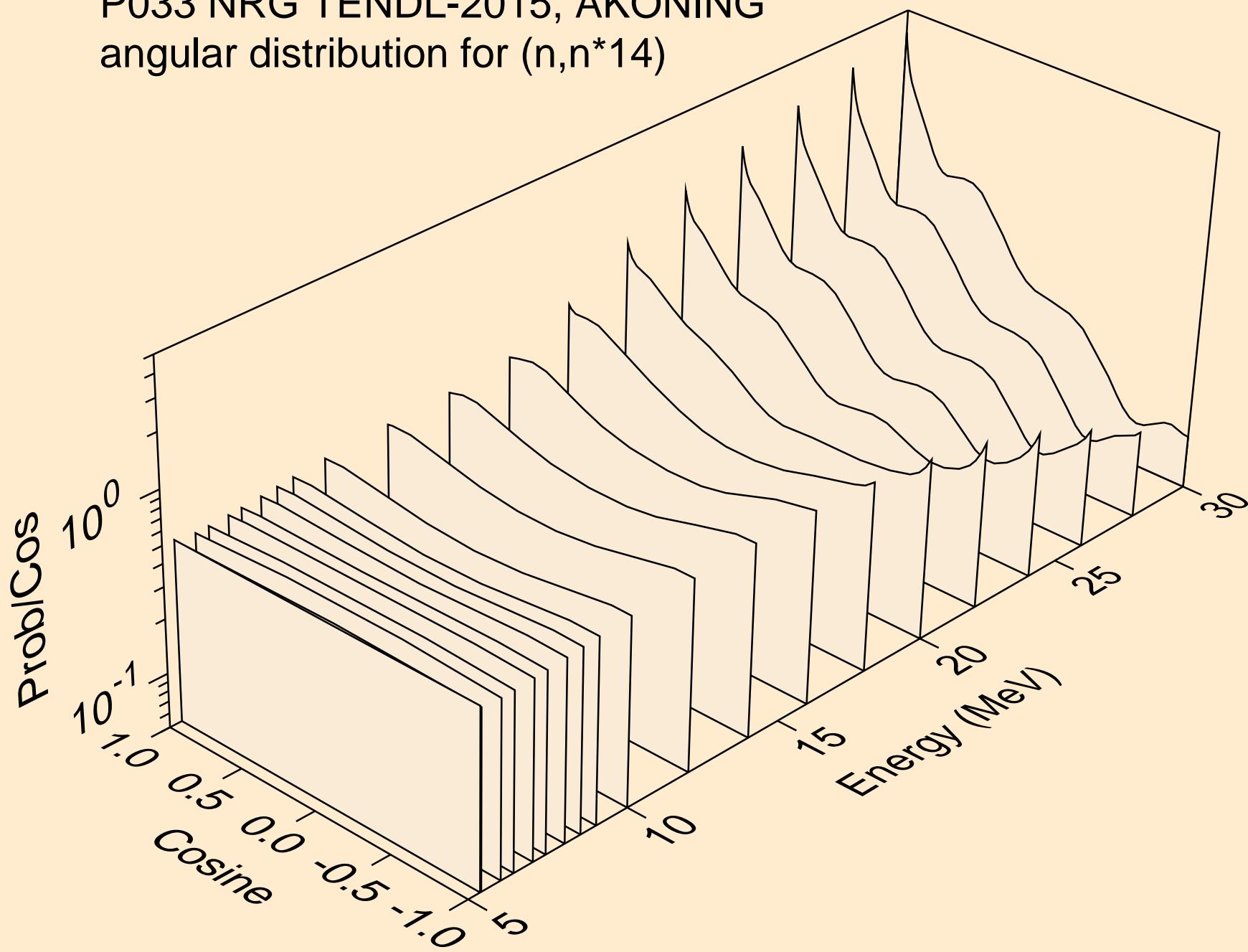
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angular distribution for  $(n,n^*12)$



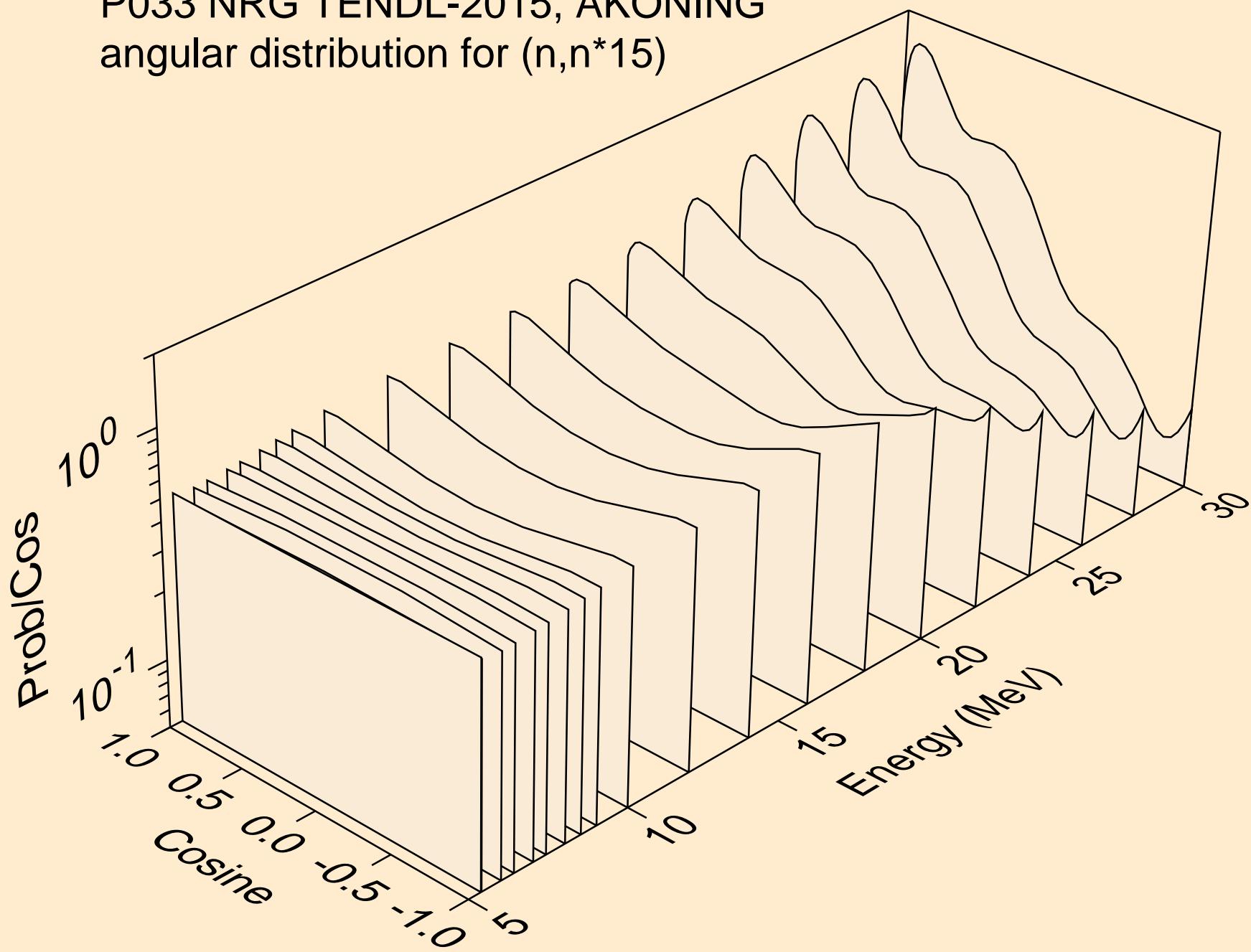
P033 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*13)$



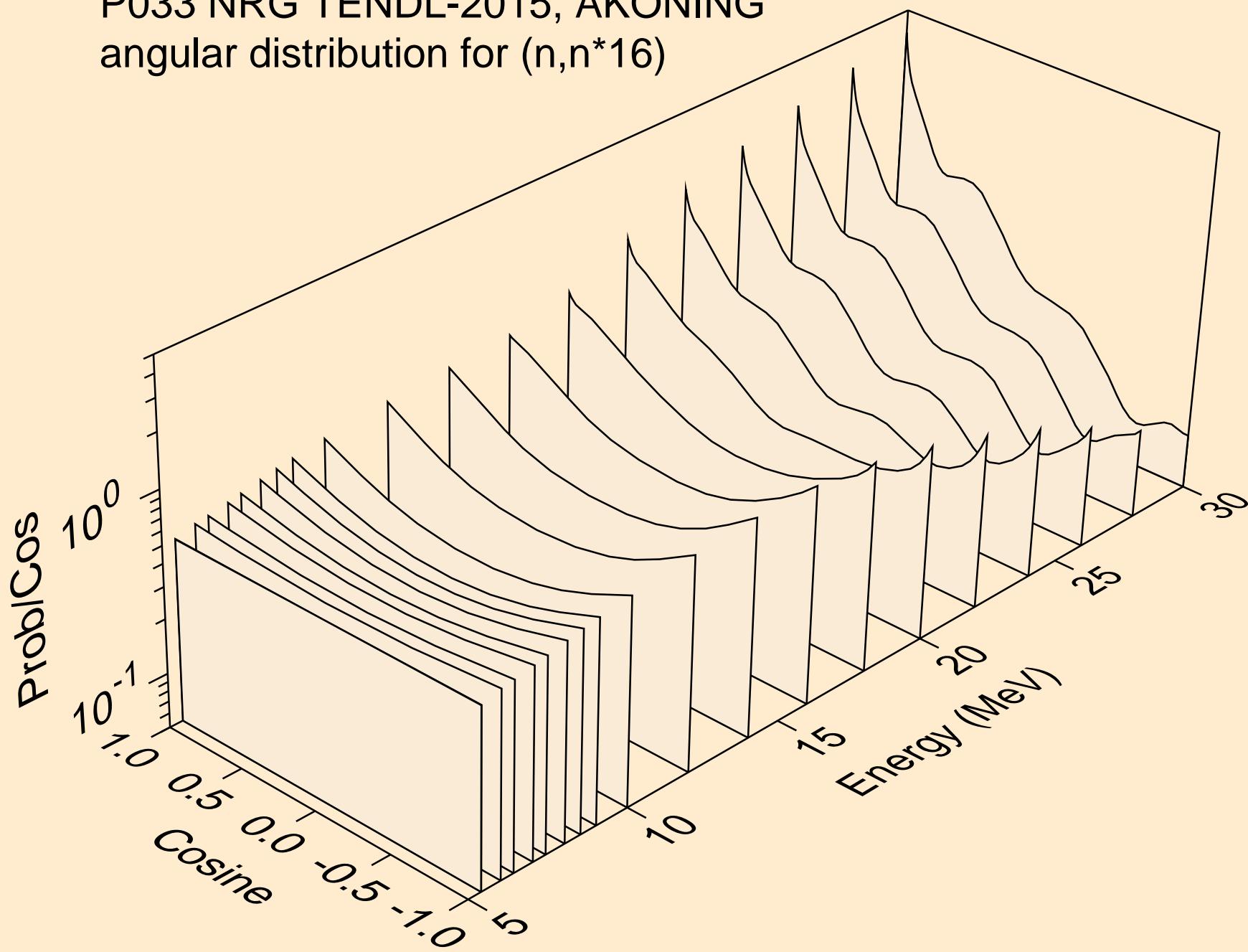
P033 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



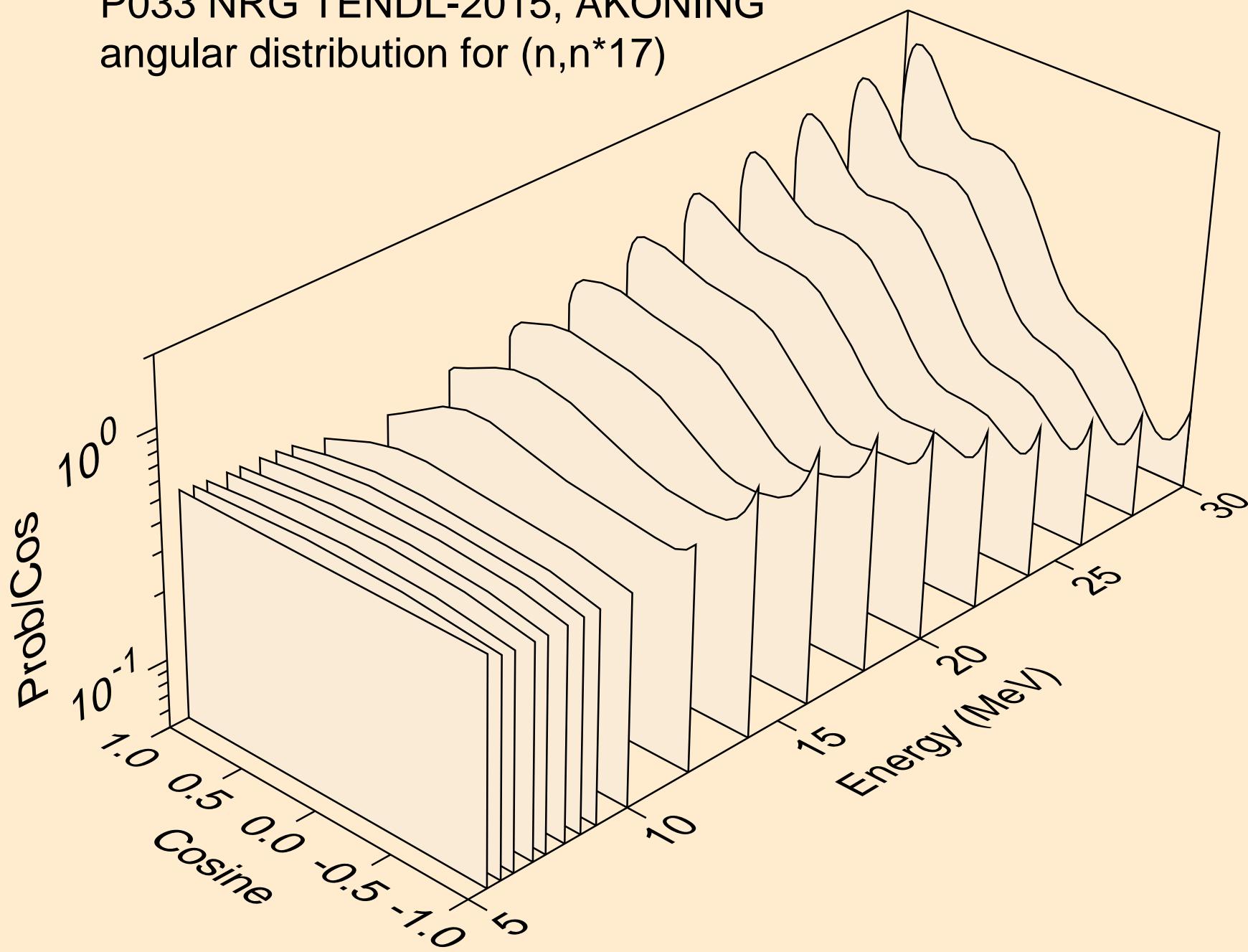
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angular distribution for  $(n,n^*15)$



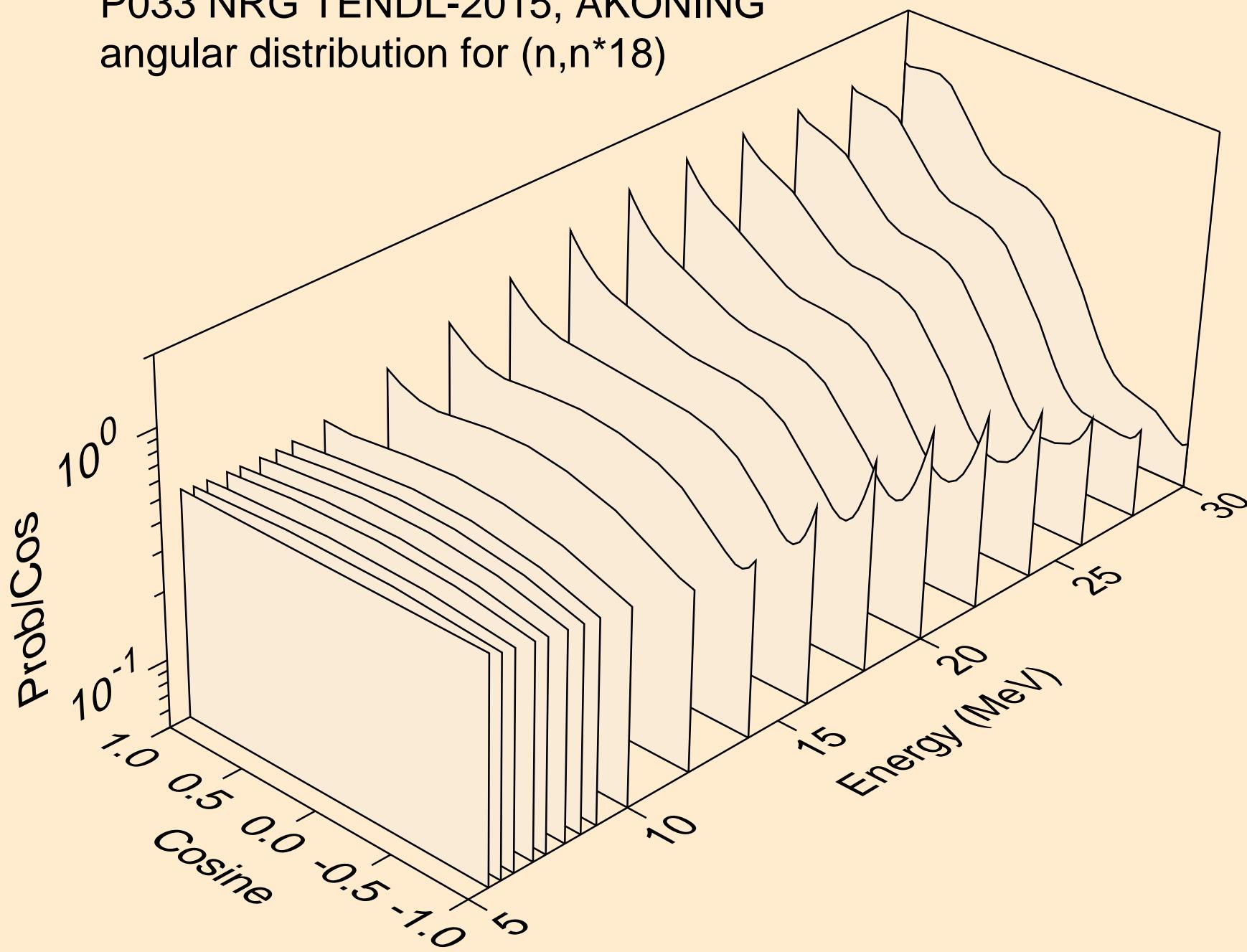
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angular distribution for  $(n,n^*16)$



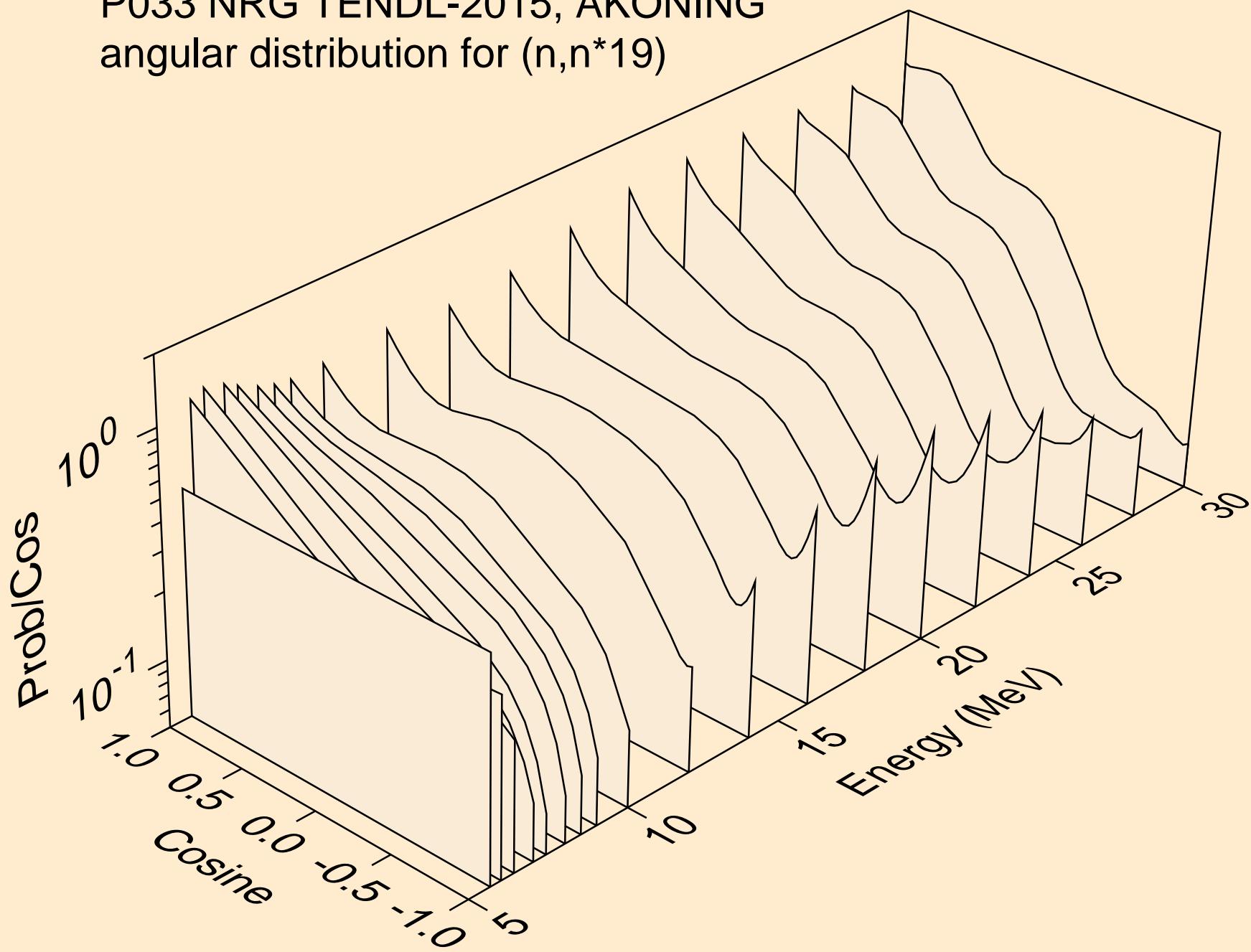
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angular distribution for  $(n,n^*17)$



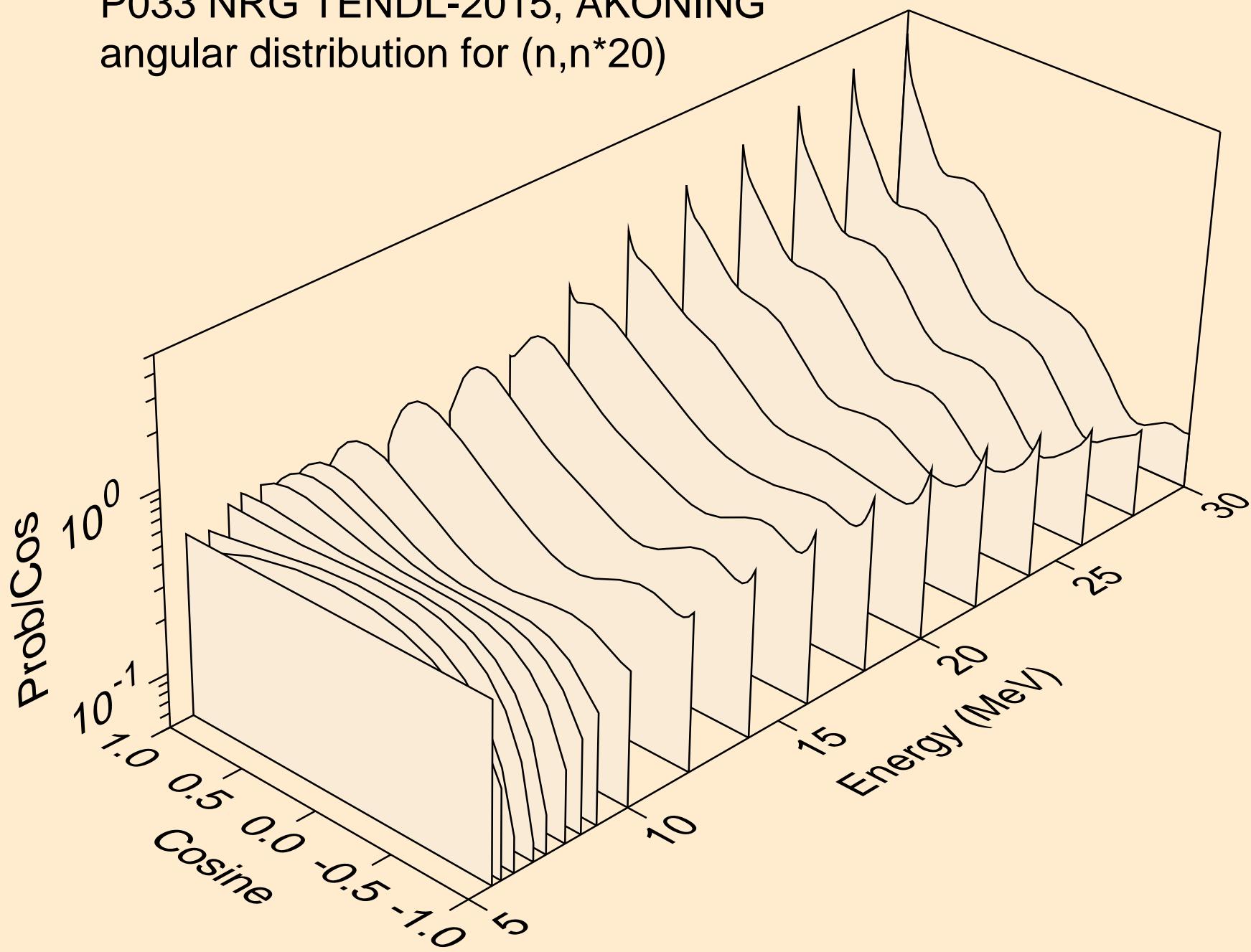
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angular distribution for  $(n,n^*18)$



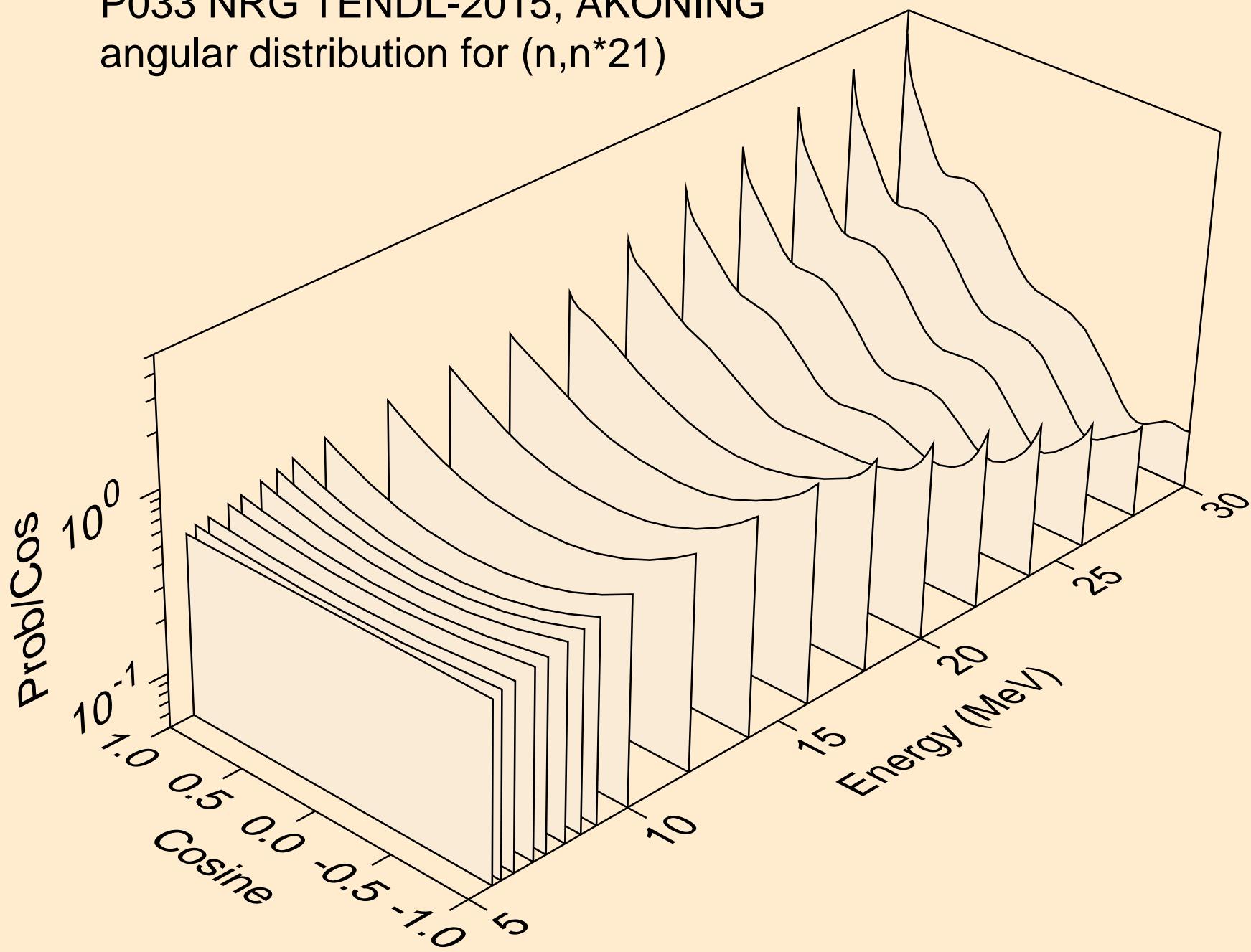
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angular distribution for  $(n,n^*19)$



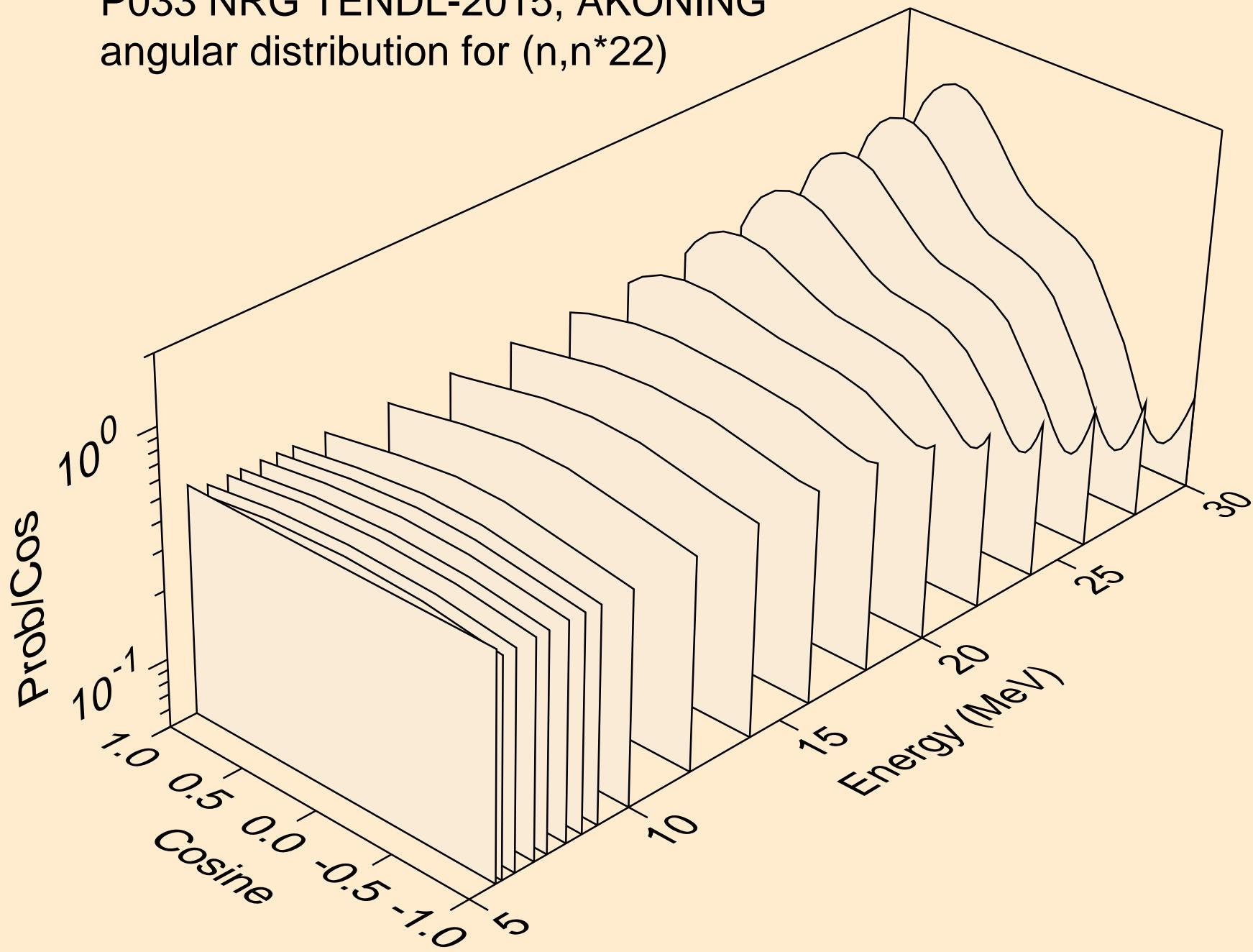
P033 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^{20}$



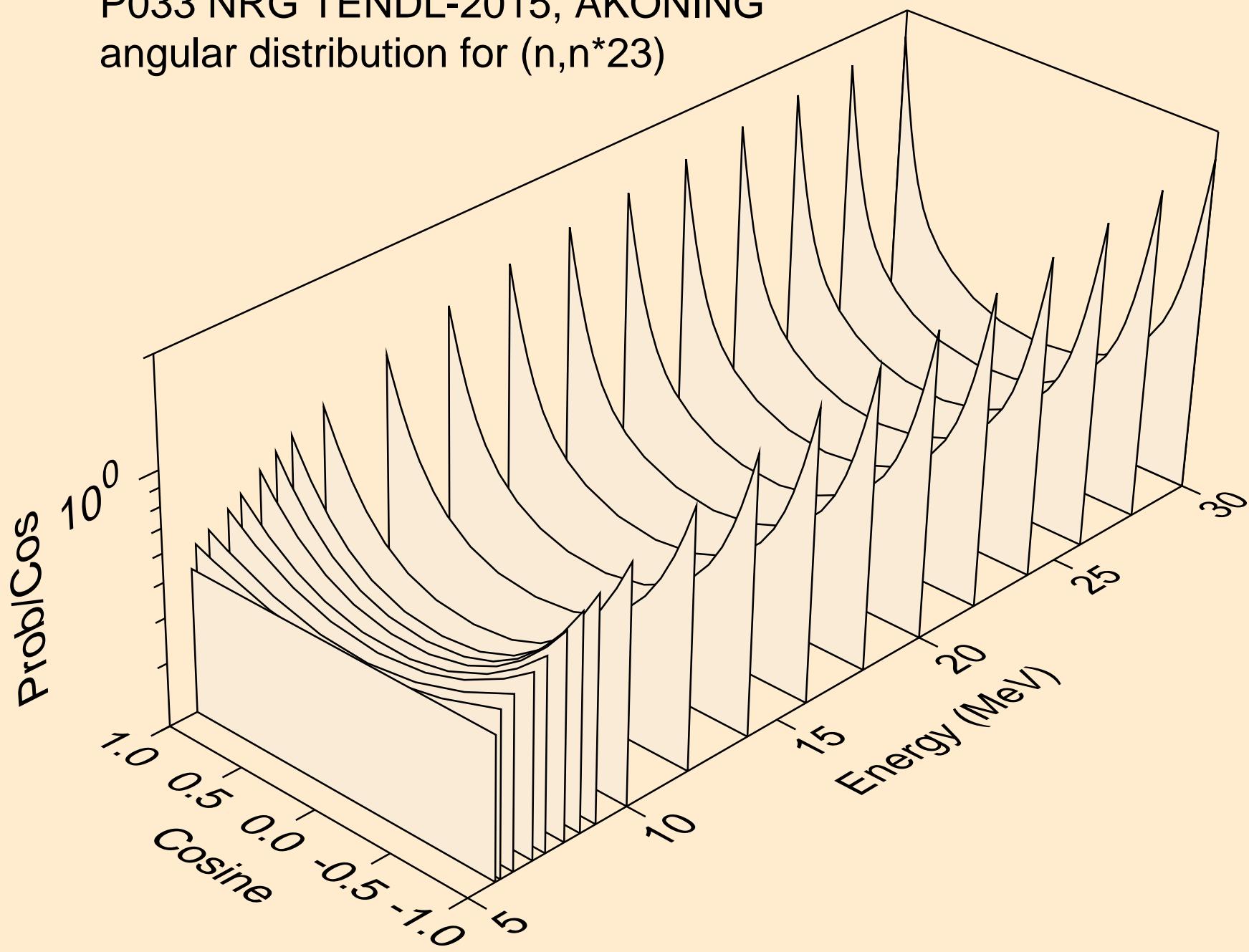
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angular distribution for  $(n,n^*21)$



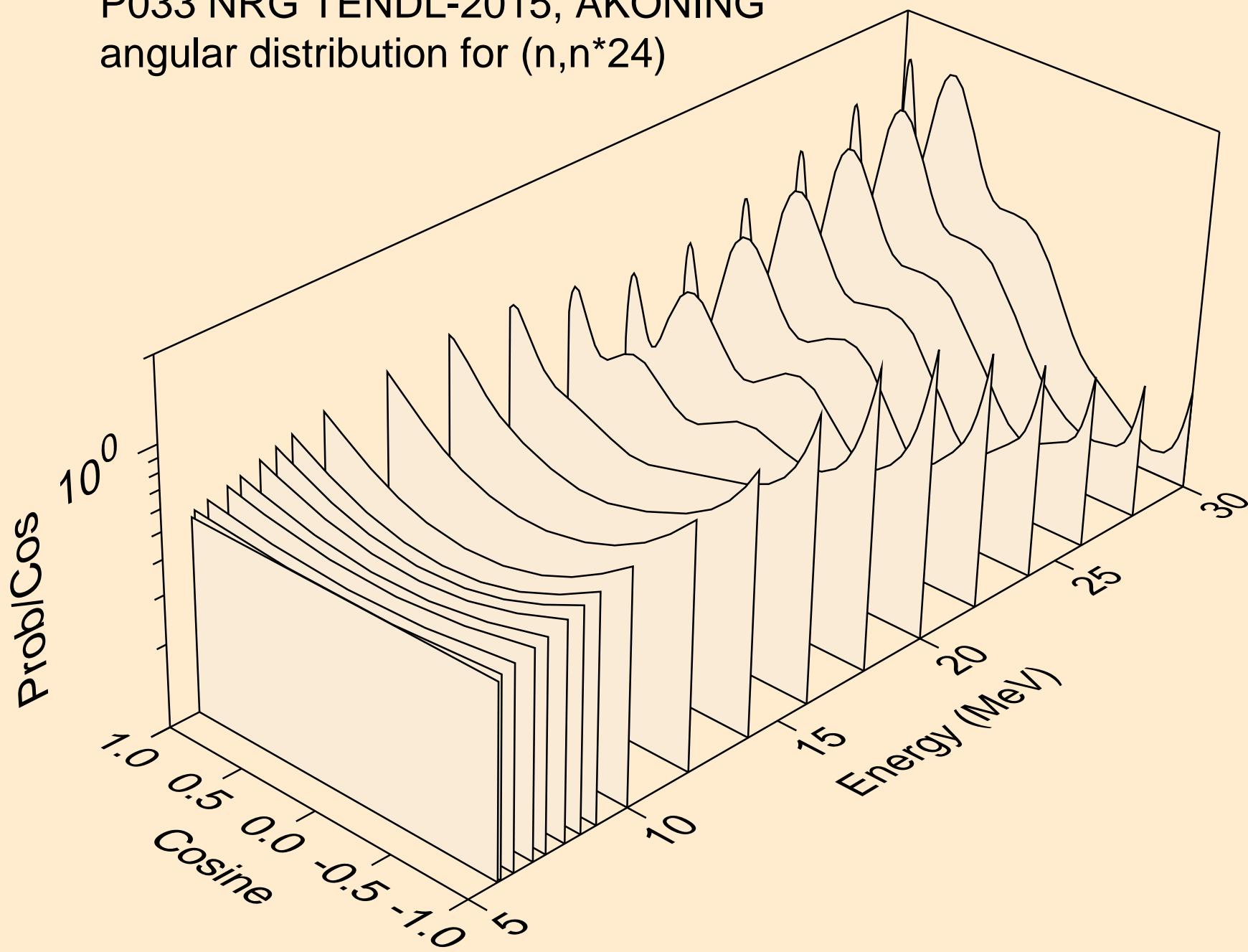
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angular distribution for  $(n,n^*)^{22}$



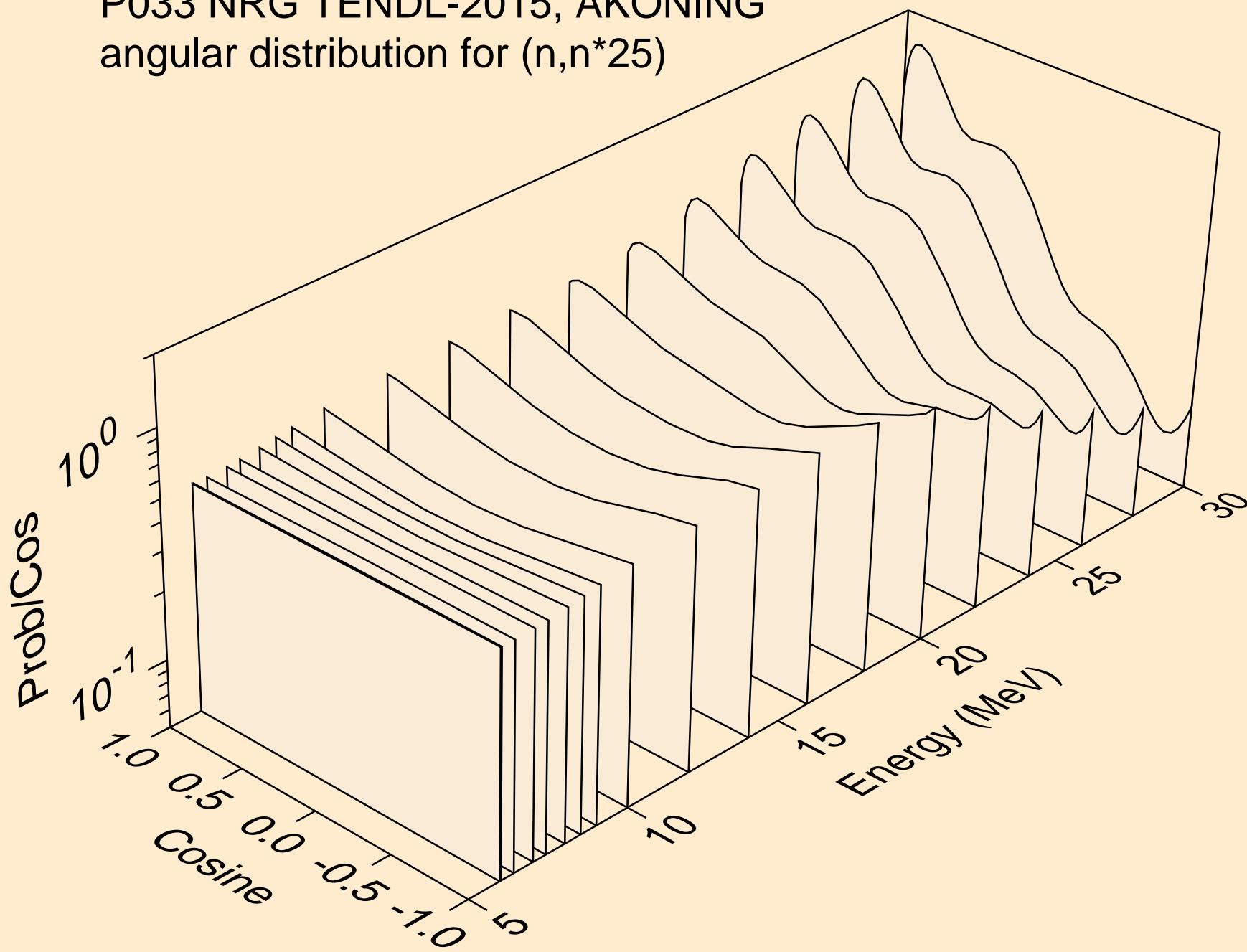
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angular distribution for  $(n,n^*)_{23}$



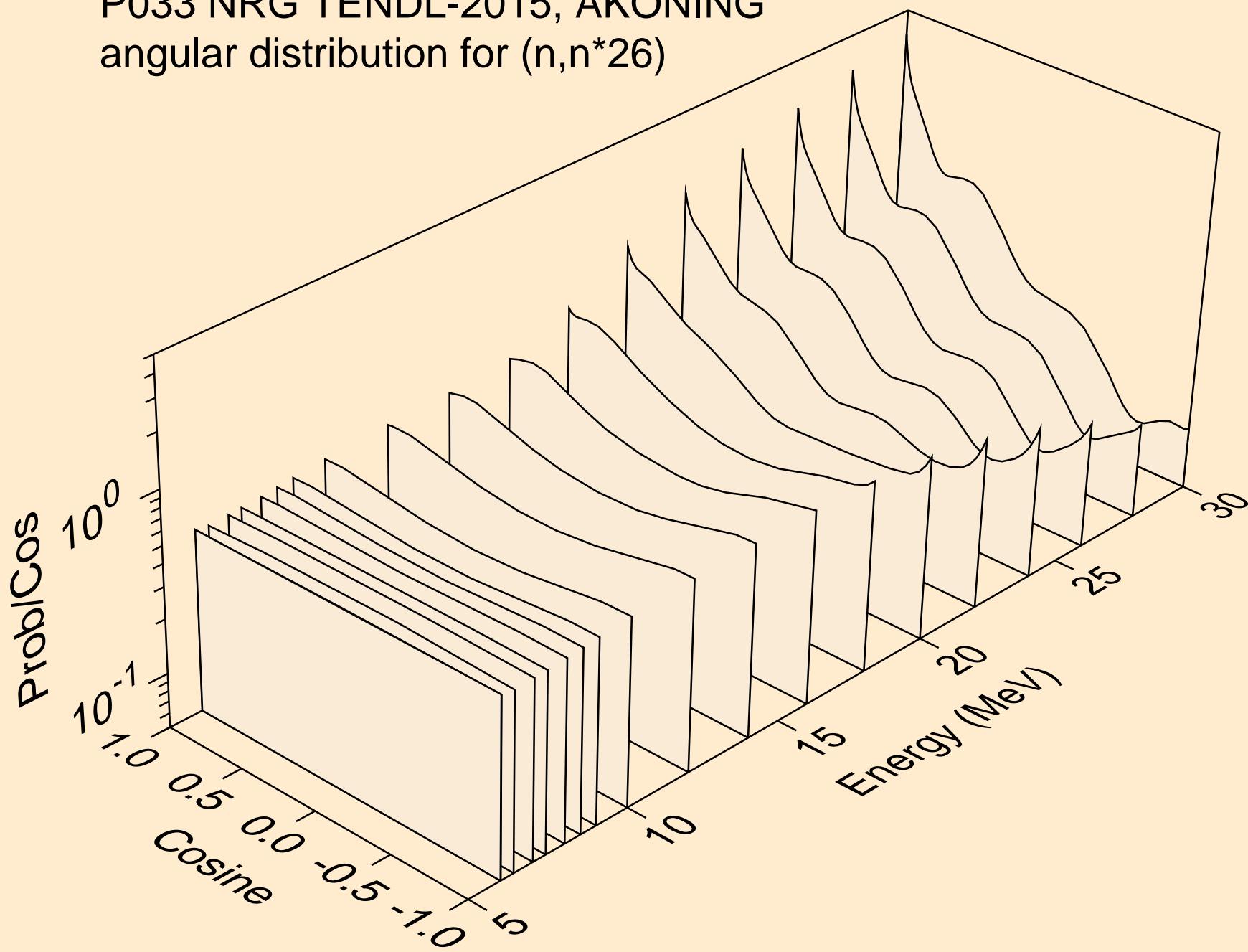
P033 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^{24}$



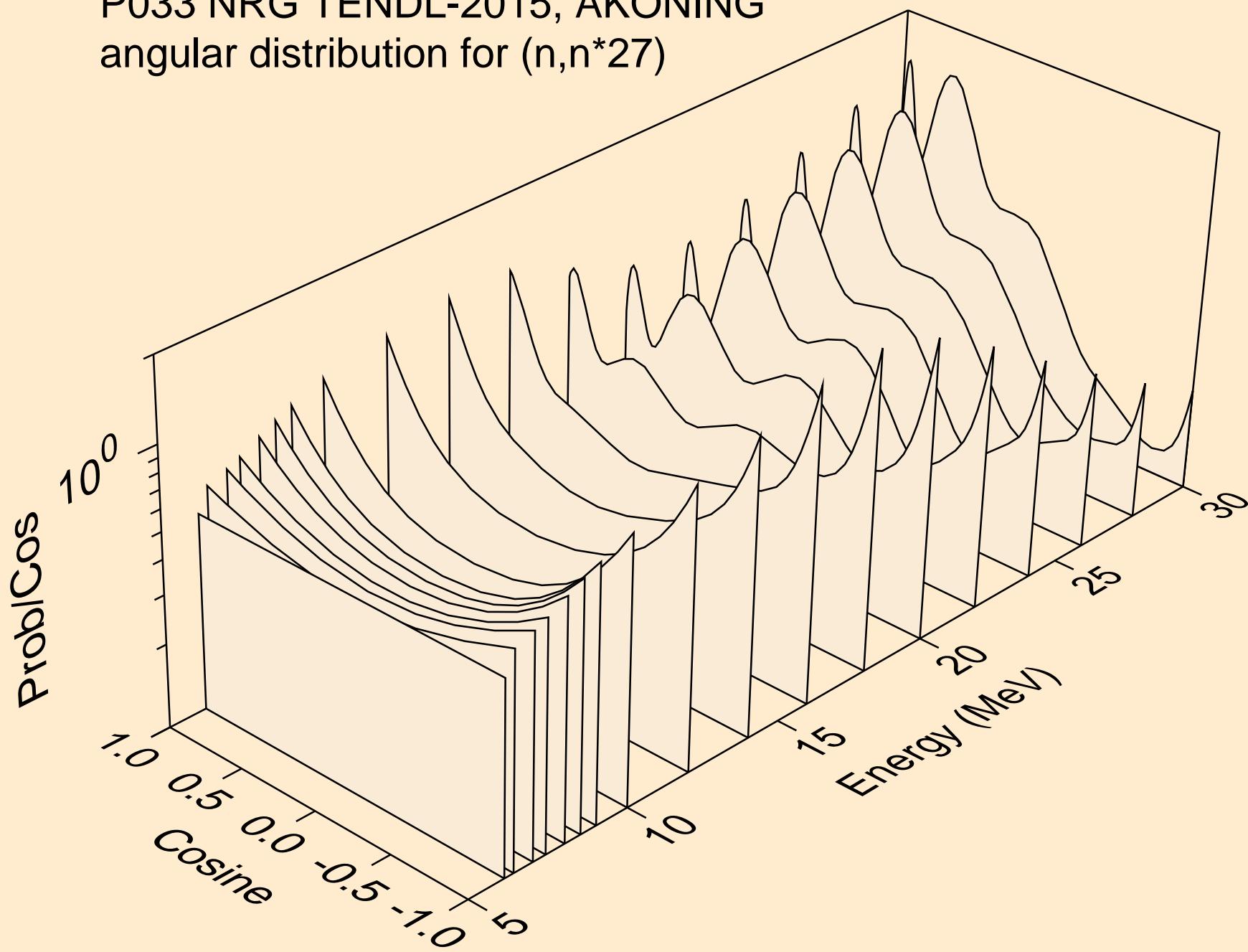
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angular distribution for  $(n,n^*)_{25}$



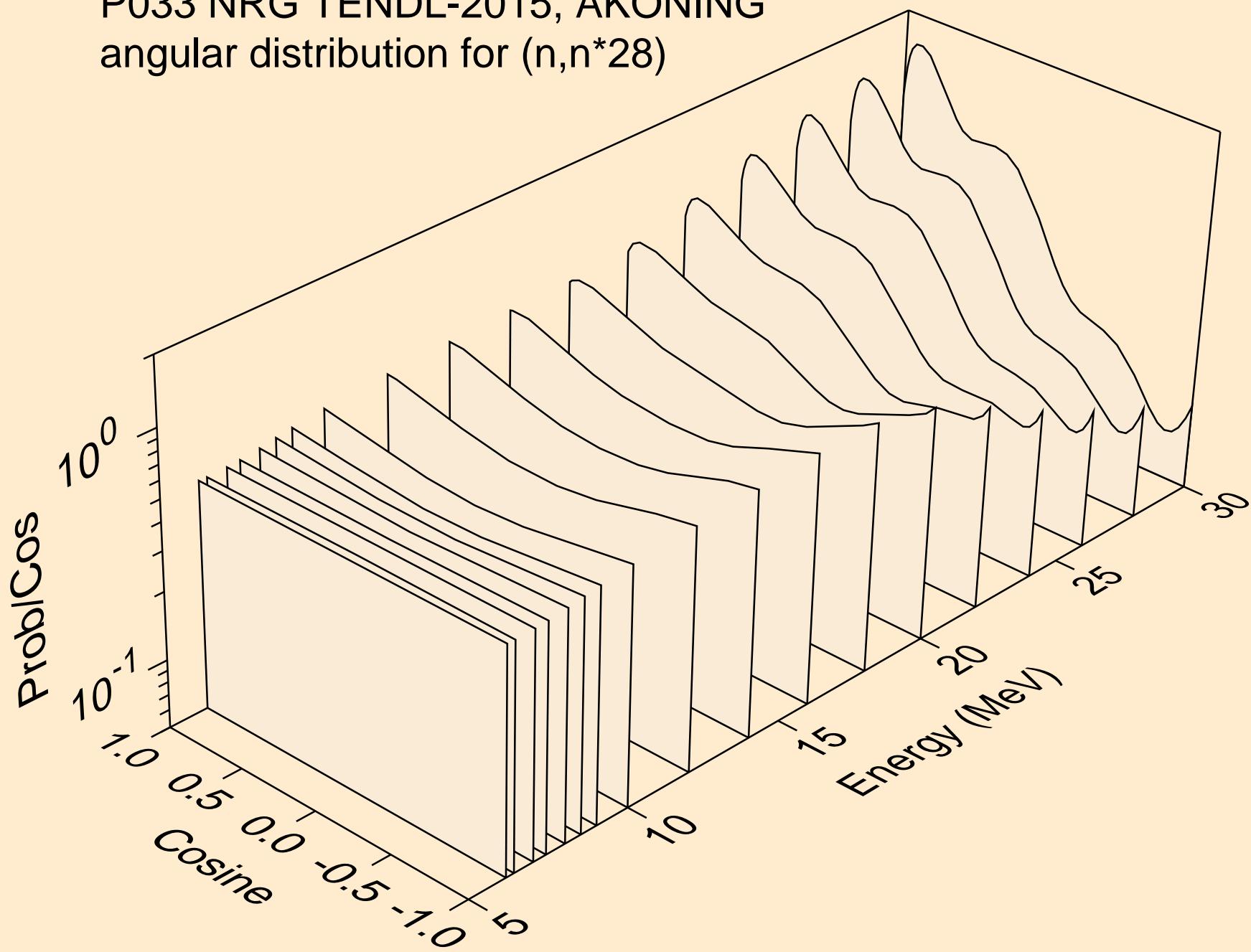
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angular distribution for  $(n,n^*)_{26}$



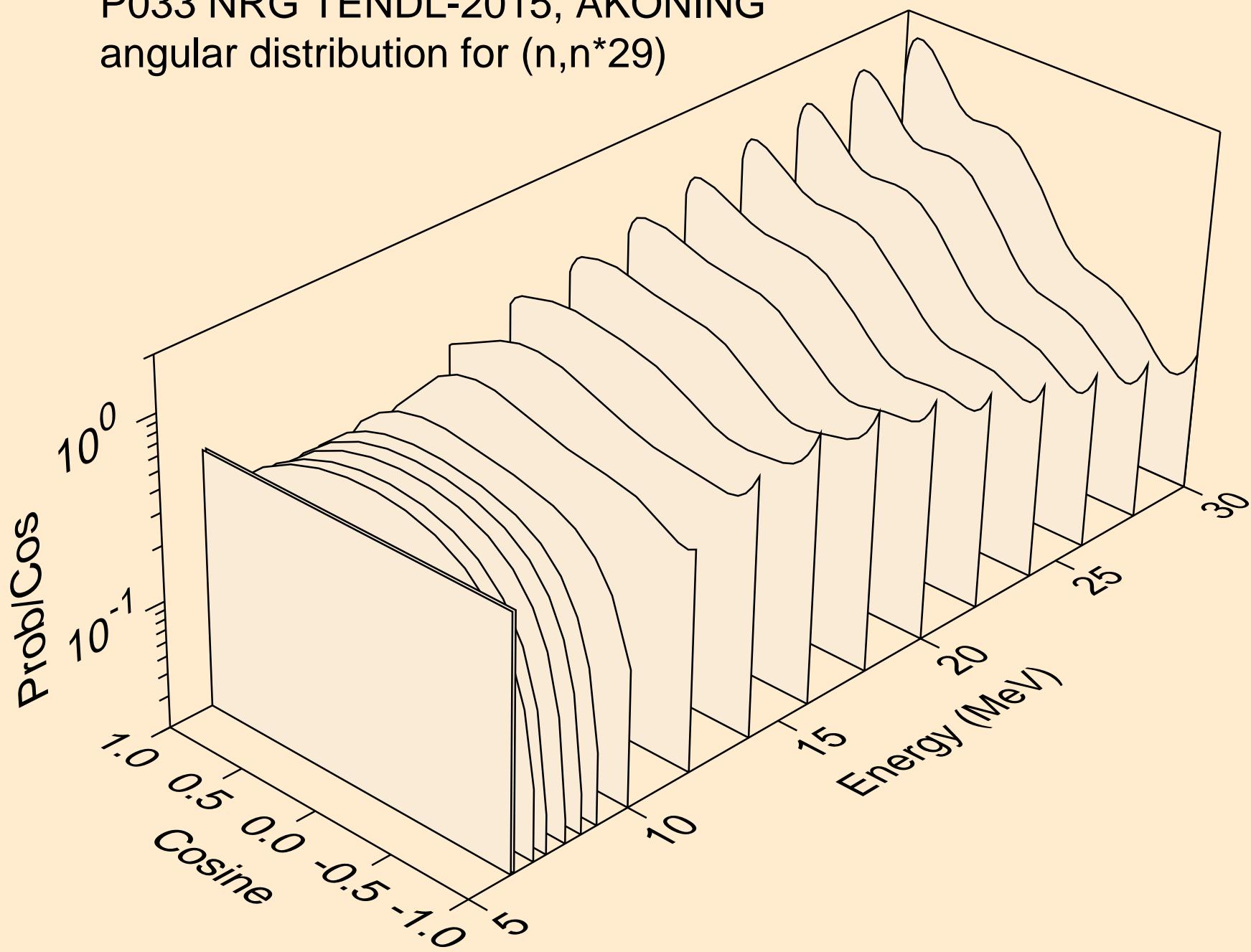
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angular distribution for  $(n,n^*)_{27}$



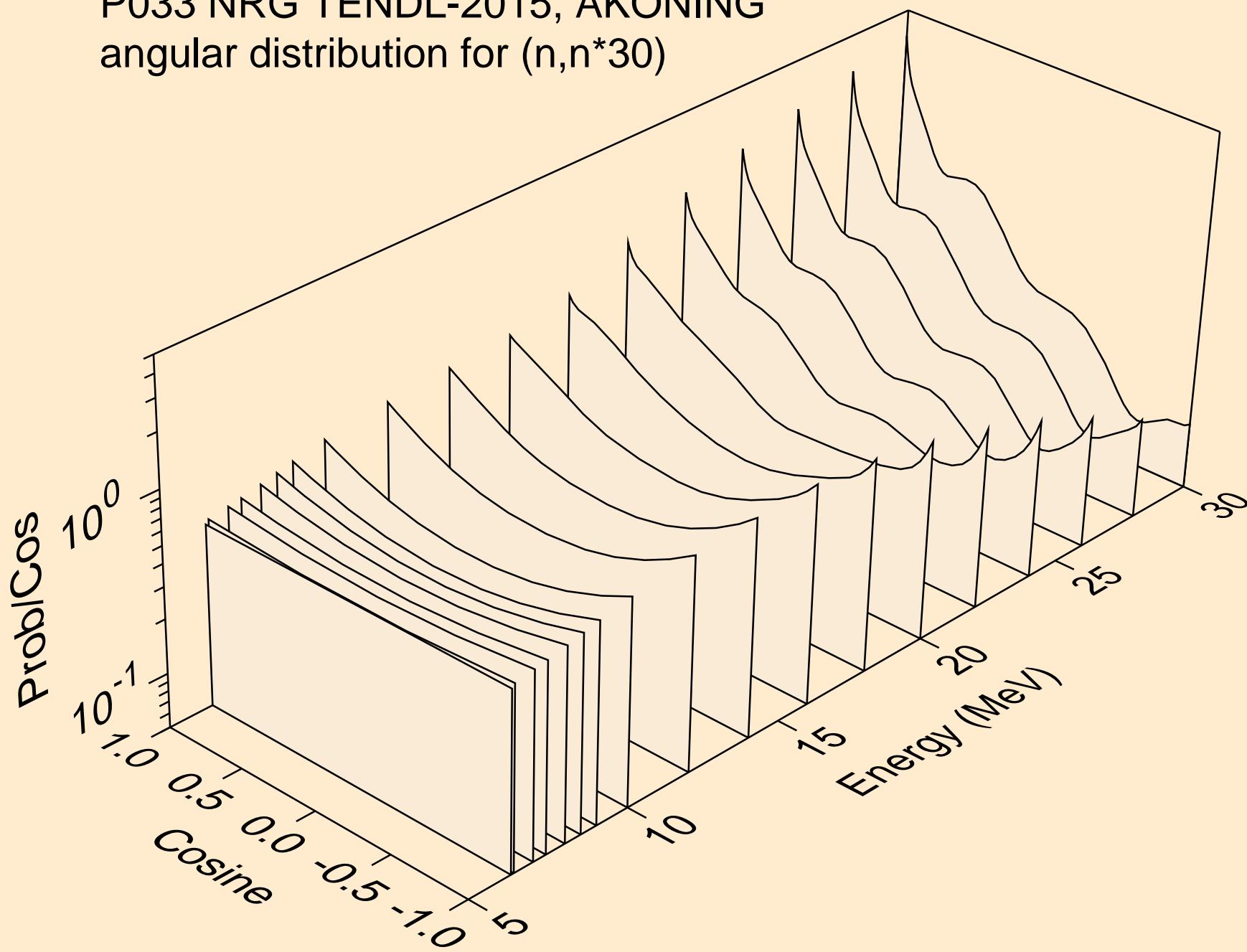
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angular distribution for  $(n,n^*)^{28}$



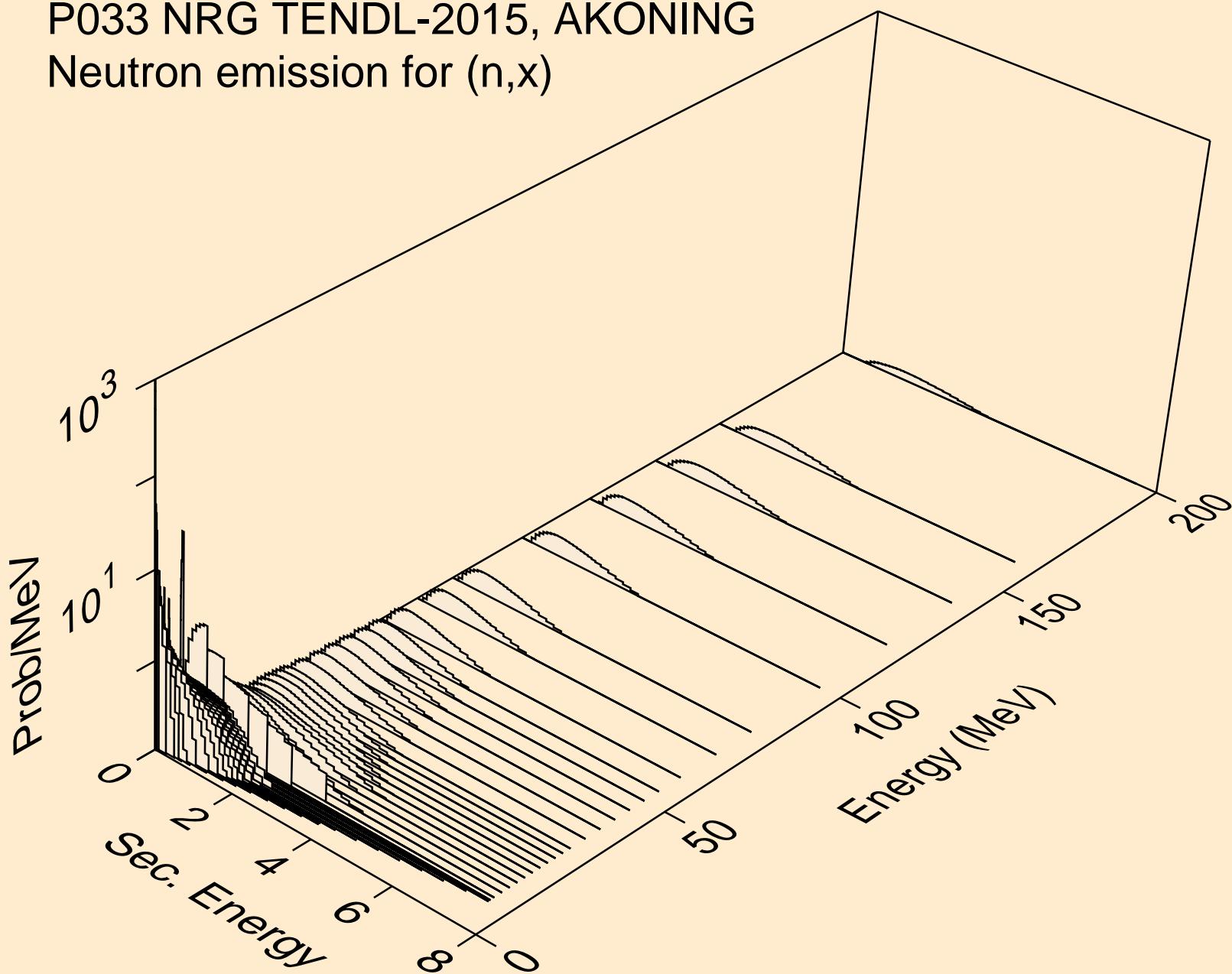
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angular distribution for  $(n,n^*29)$



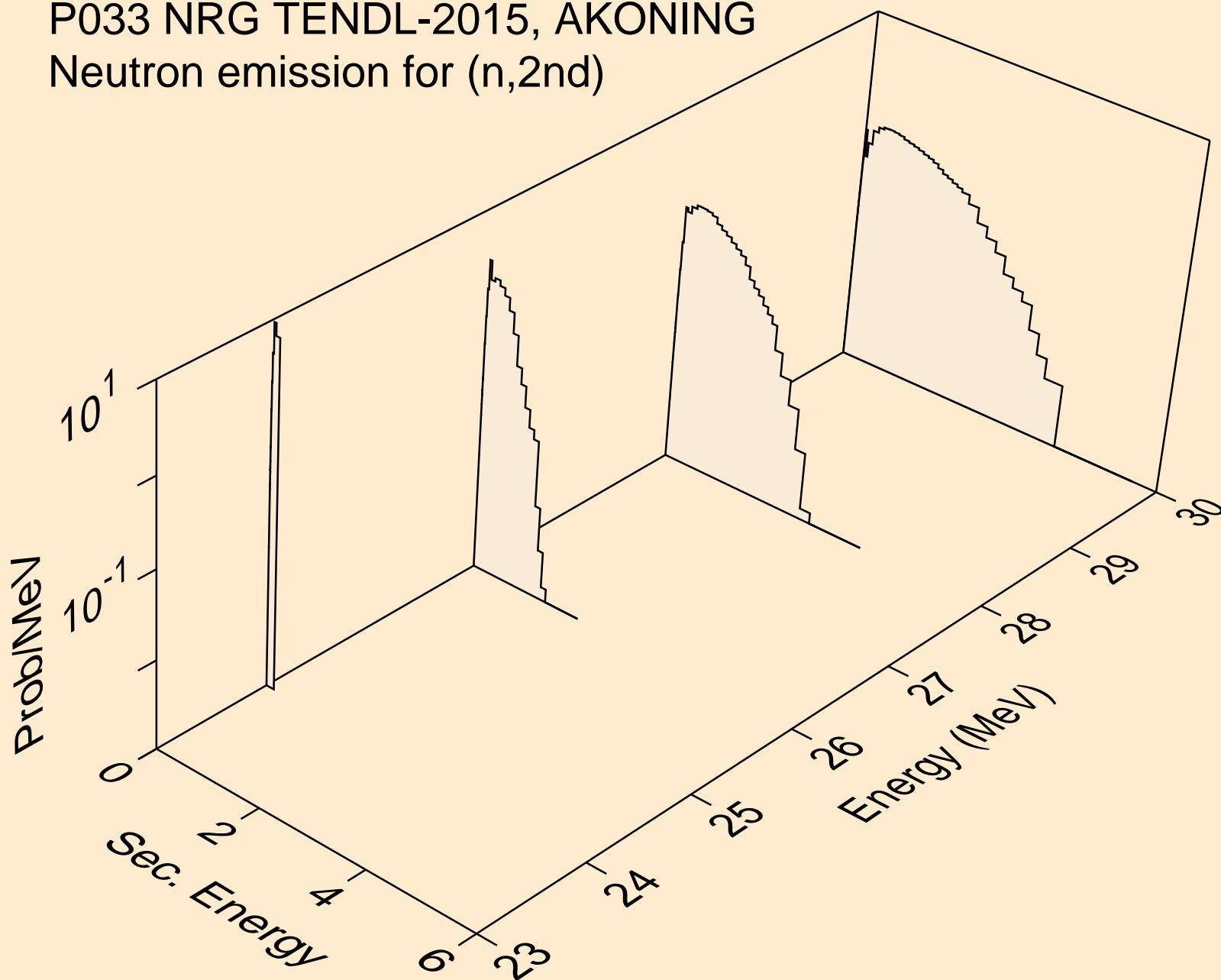
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angular distribution for  $(n,n^*)30$



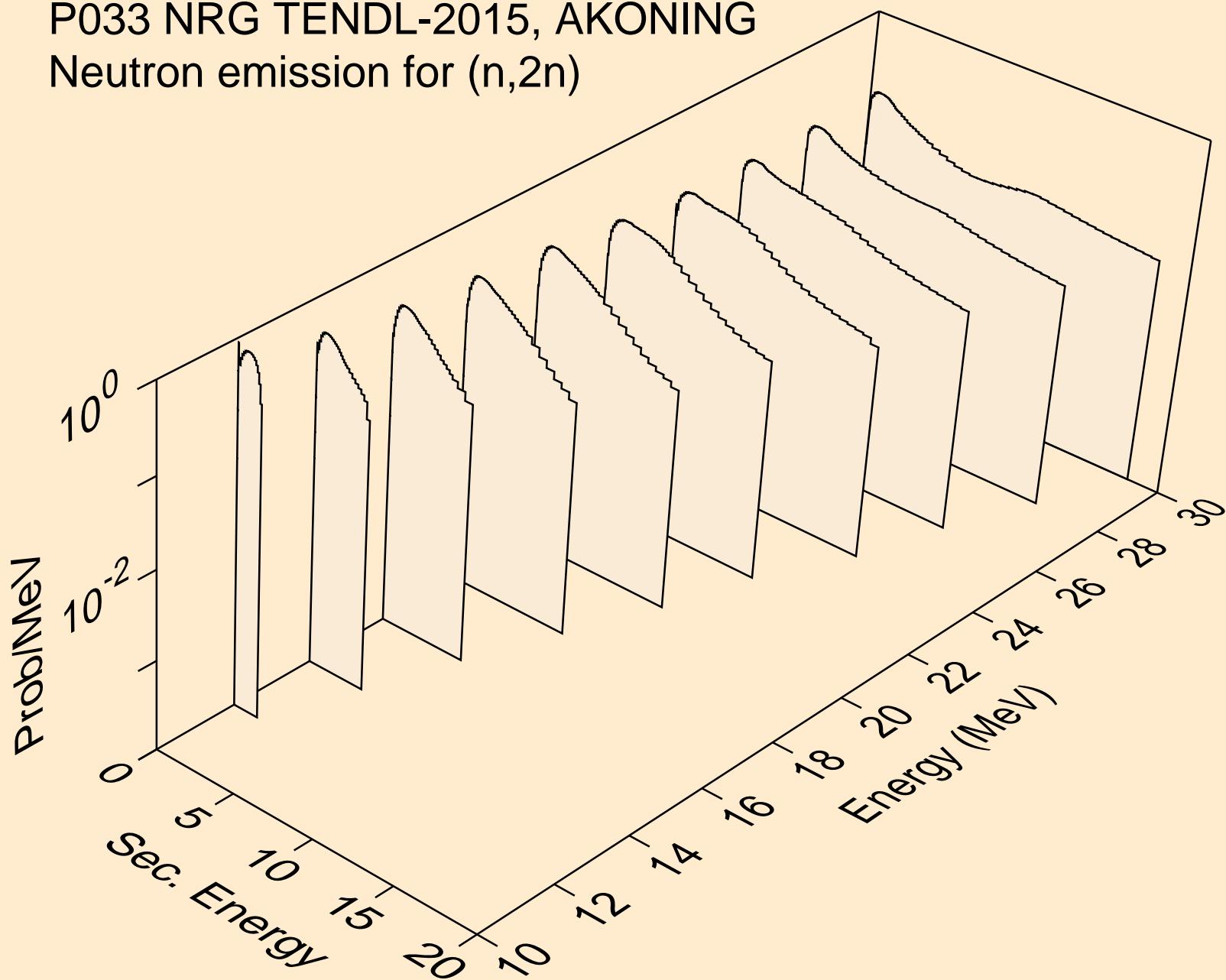
P033 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



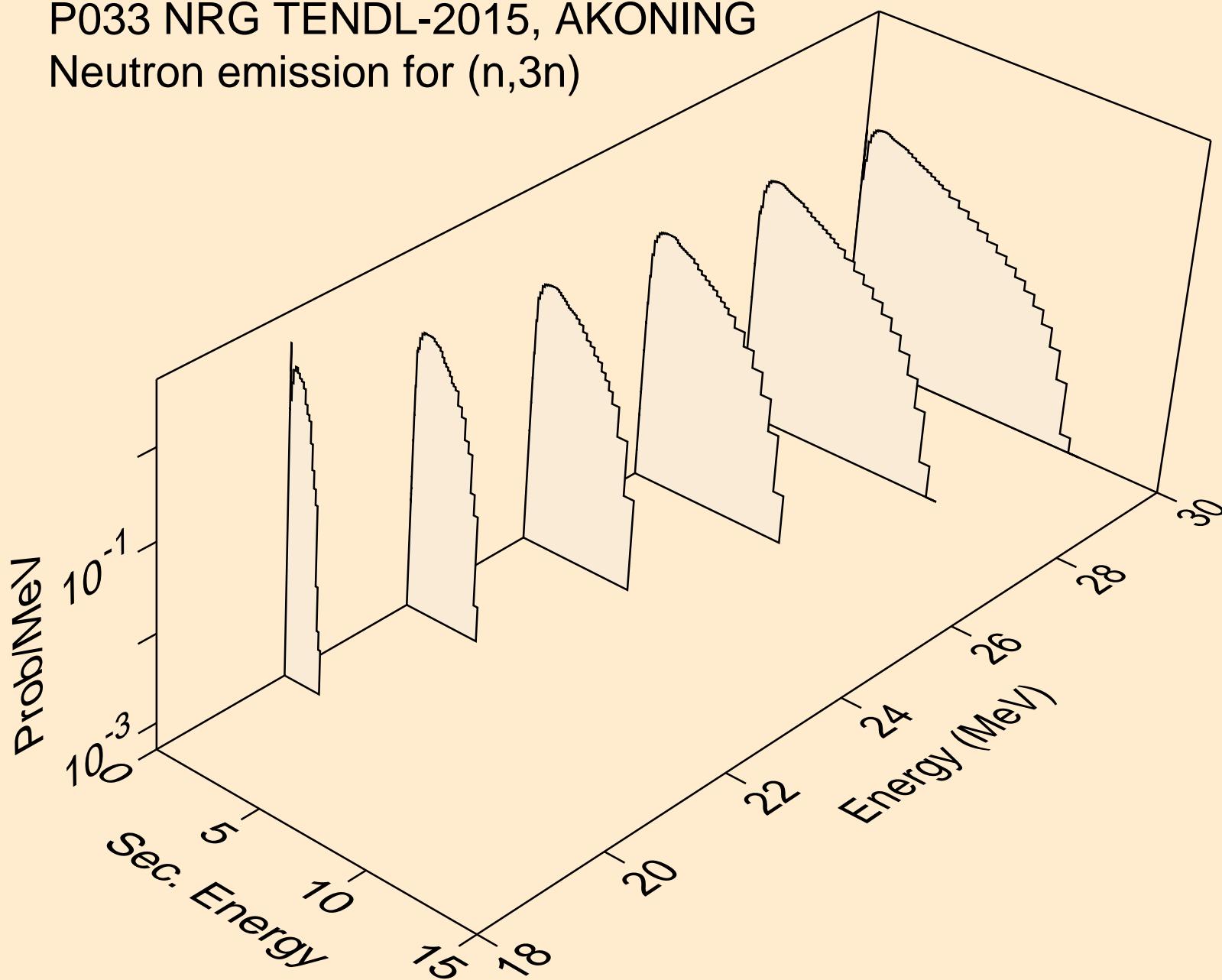
P033 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



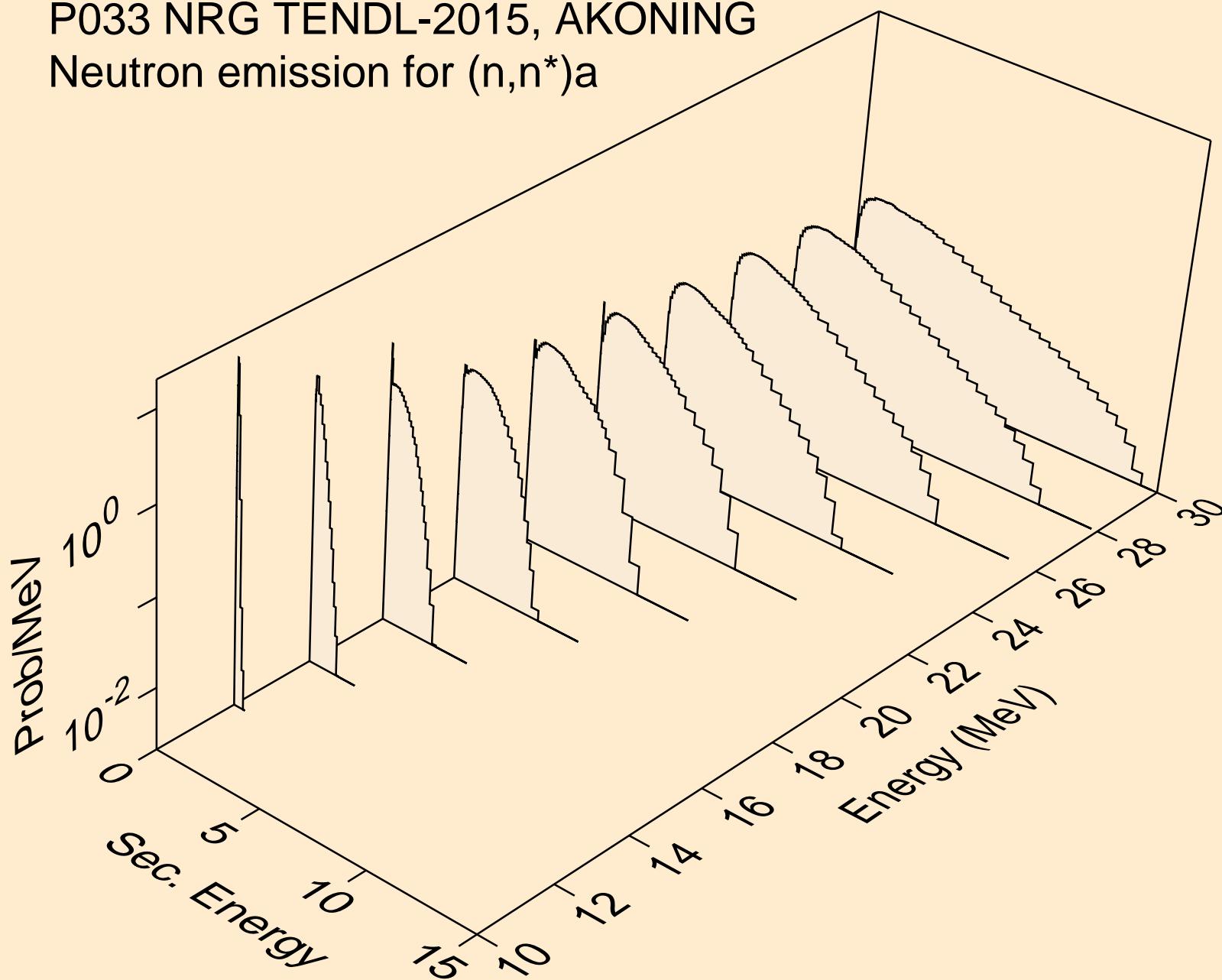
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Neutron emission for (n,2n)



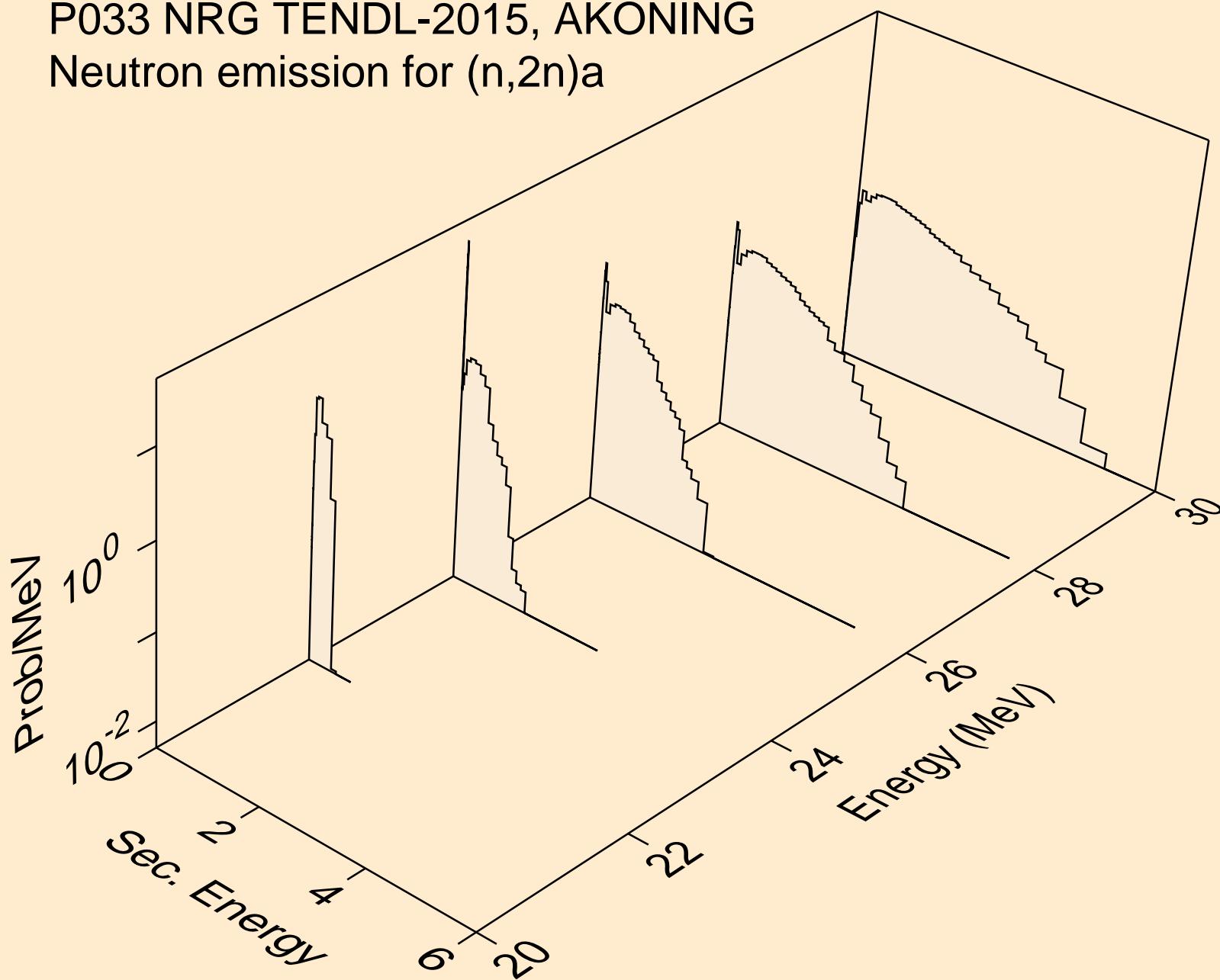
P033 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



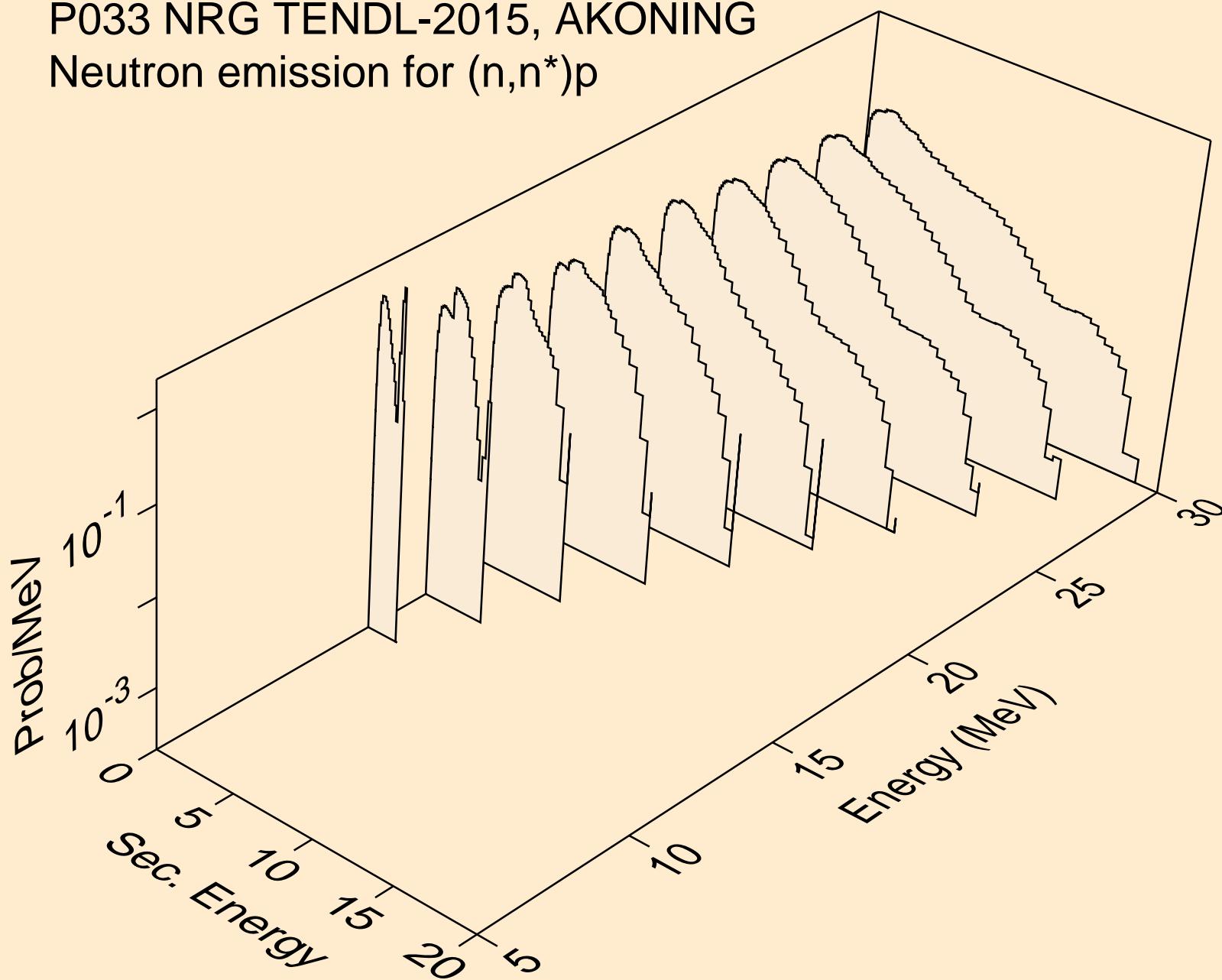
P033 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)a$



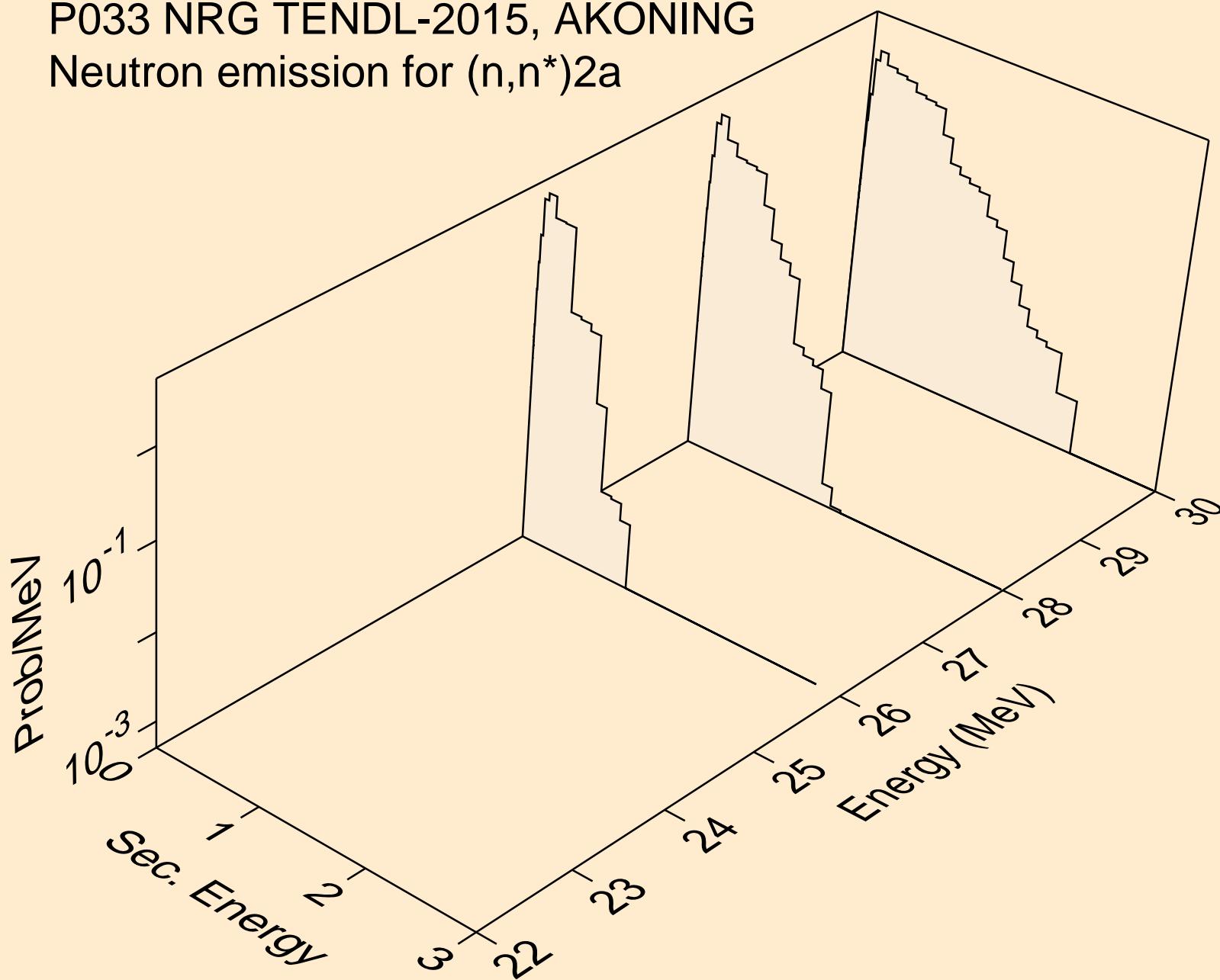
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Neutron emission for  $(n,2n)a$



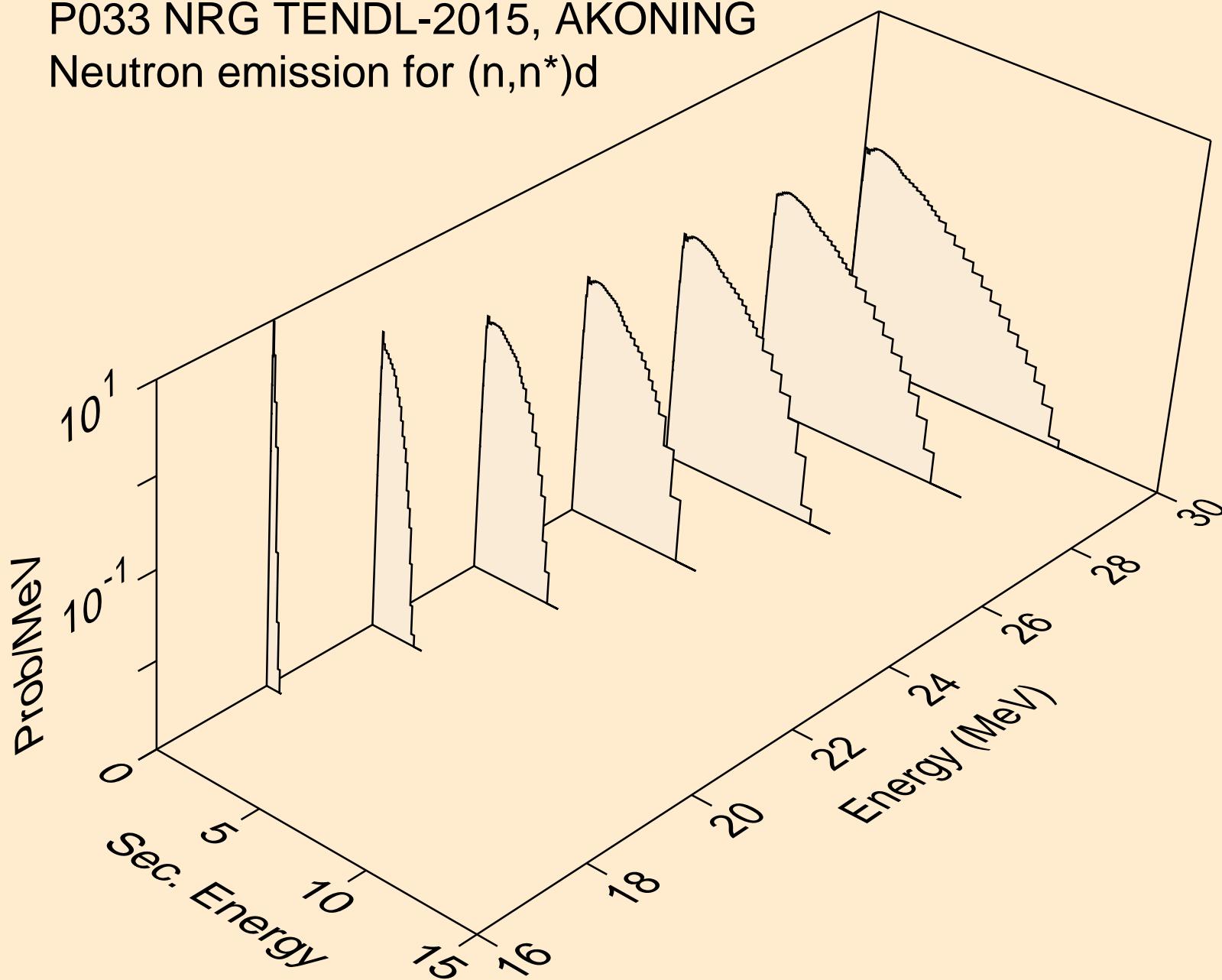
P033 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)p$



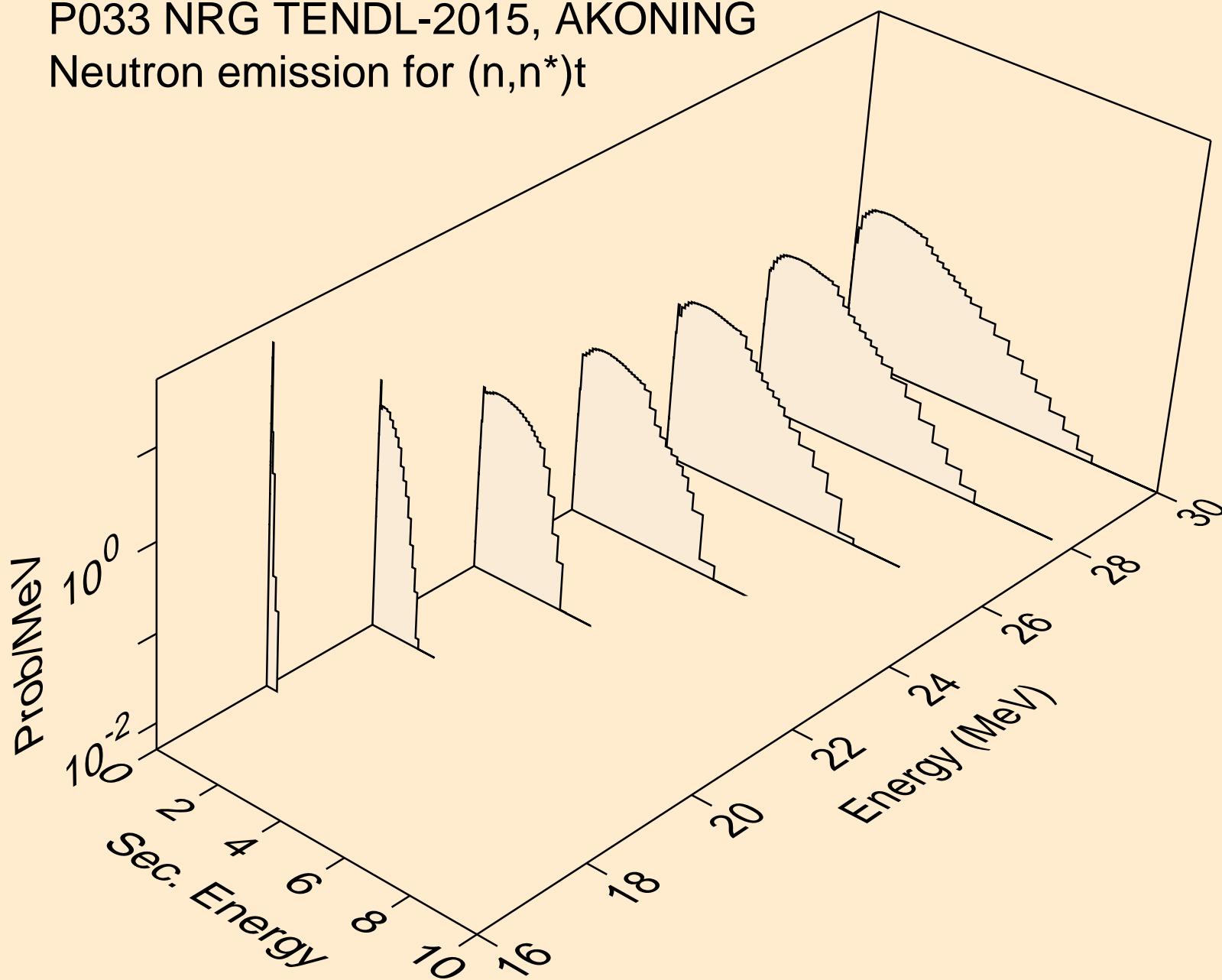
P033 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)2a$



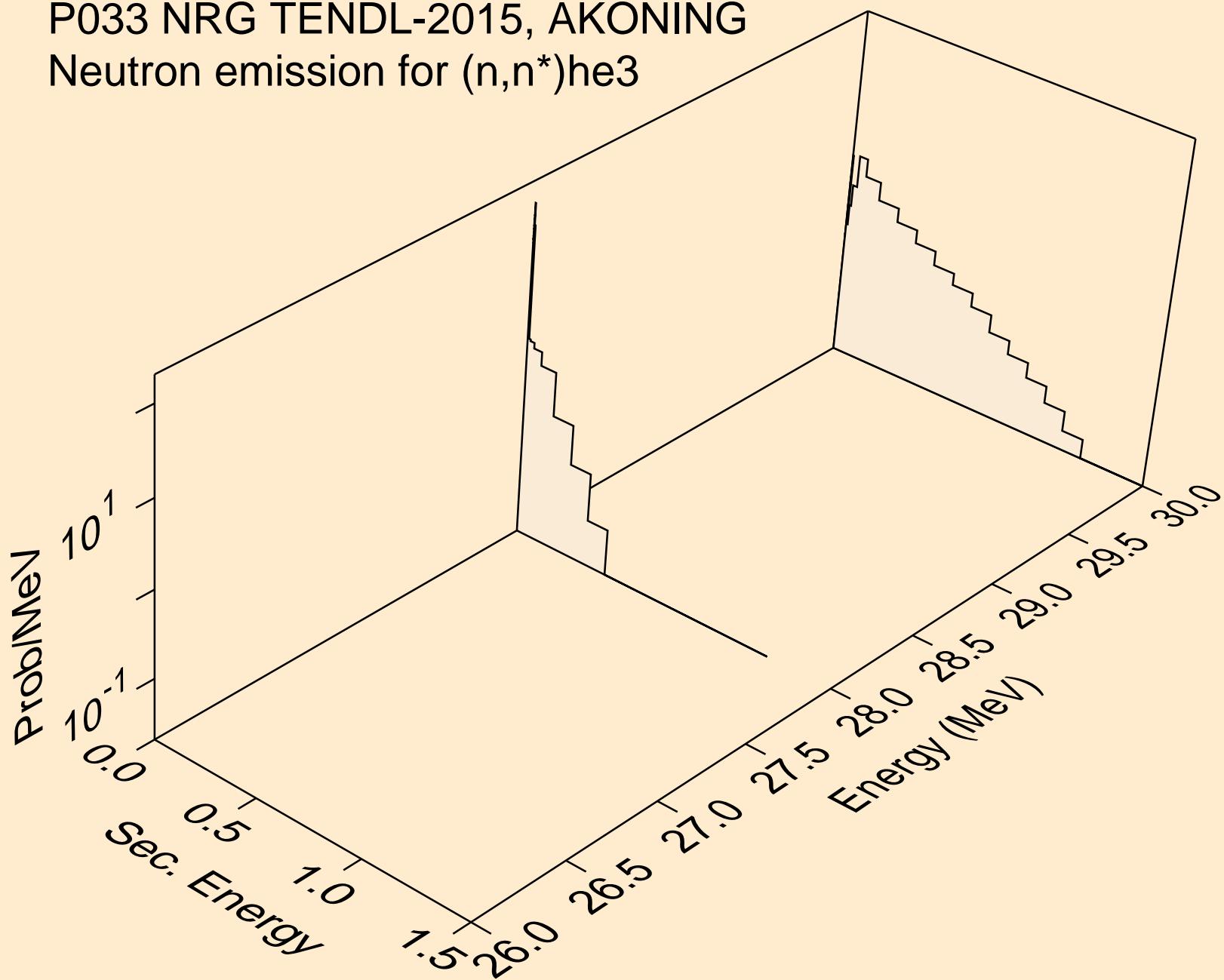
P033 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)d$



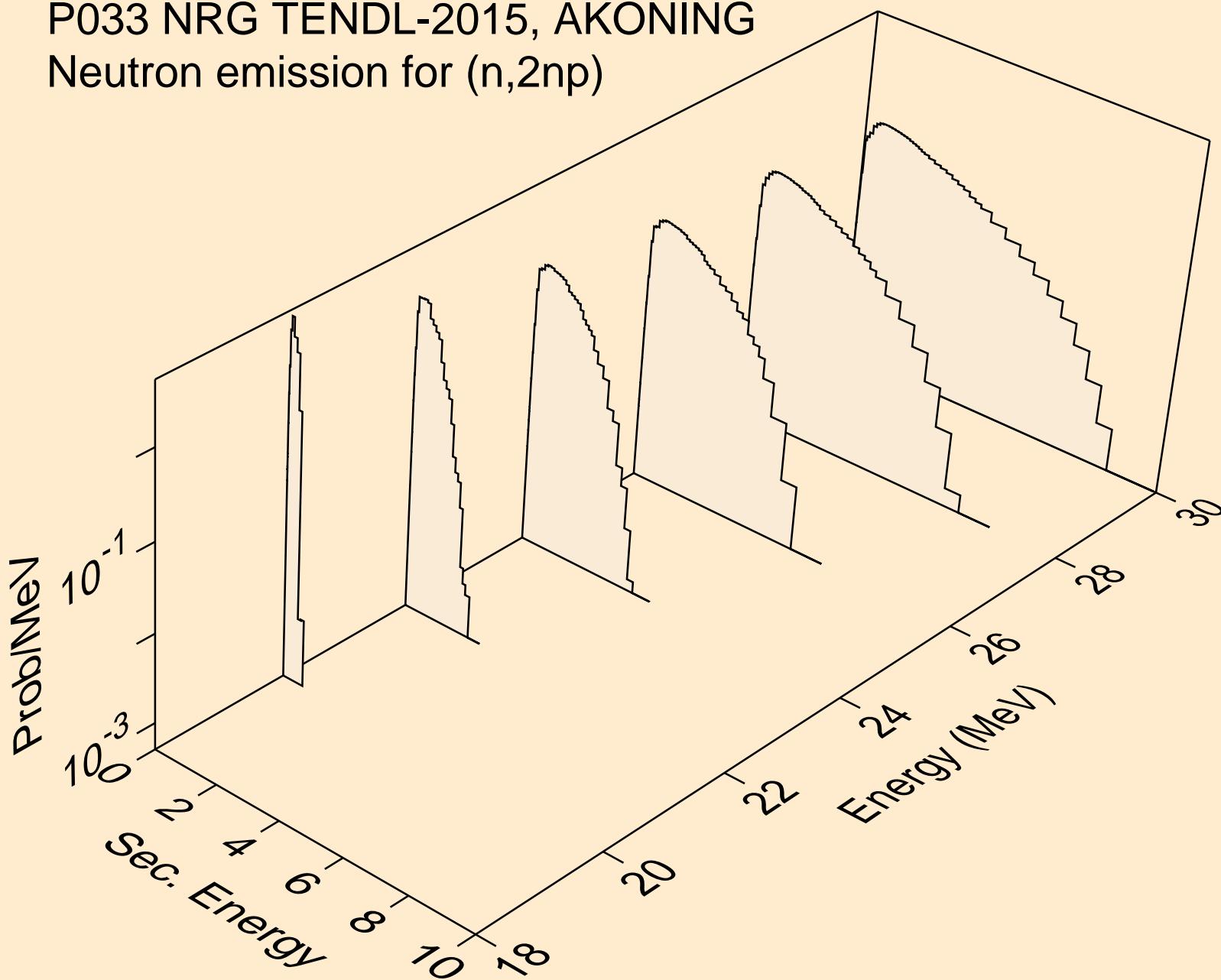
P033 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)t$



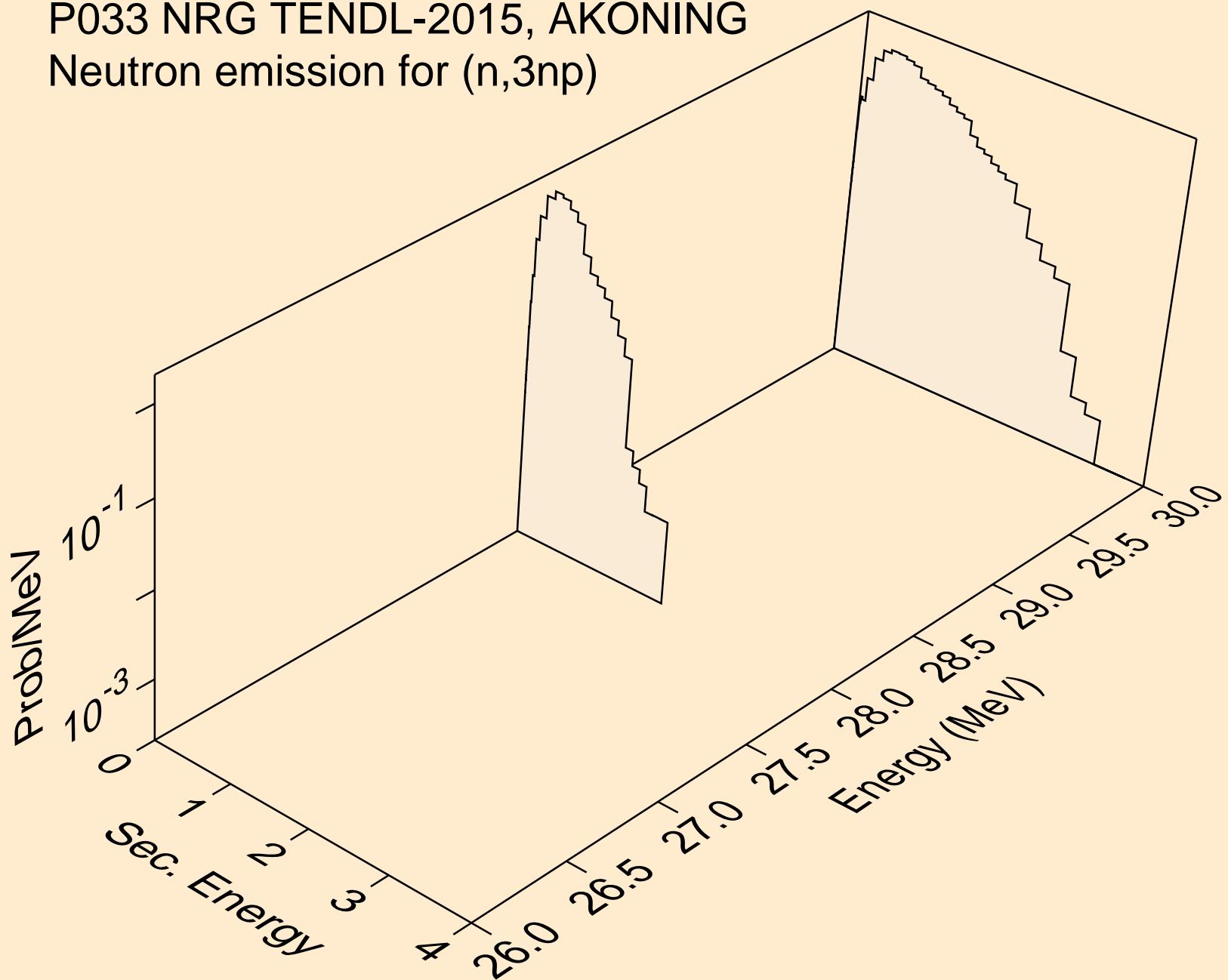
P033 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)\text{he3}$



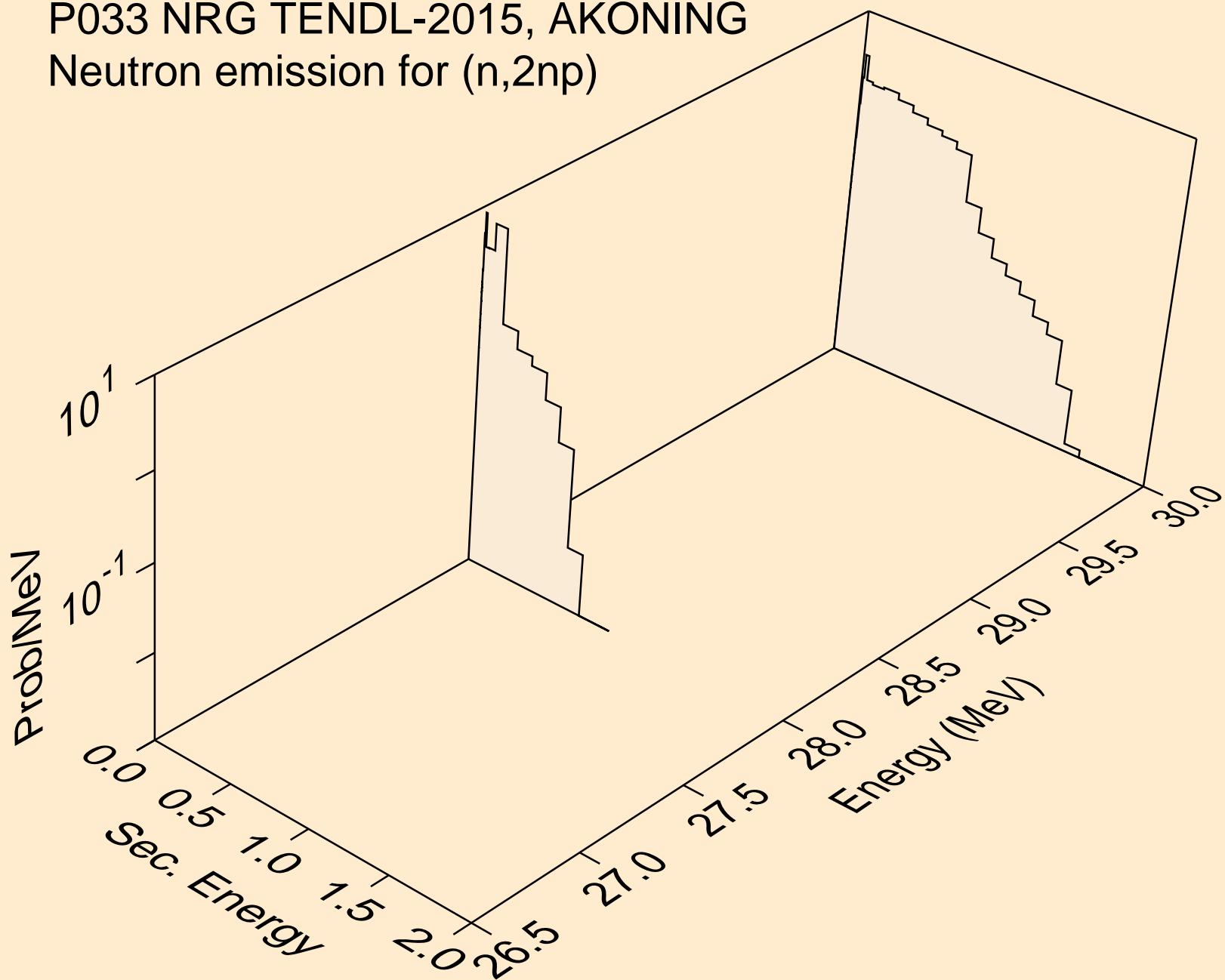
P033 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



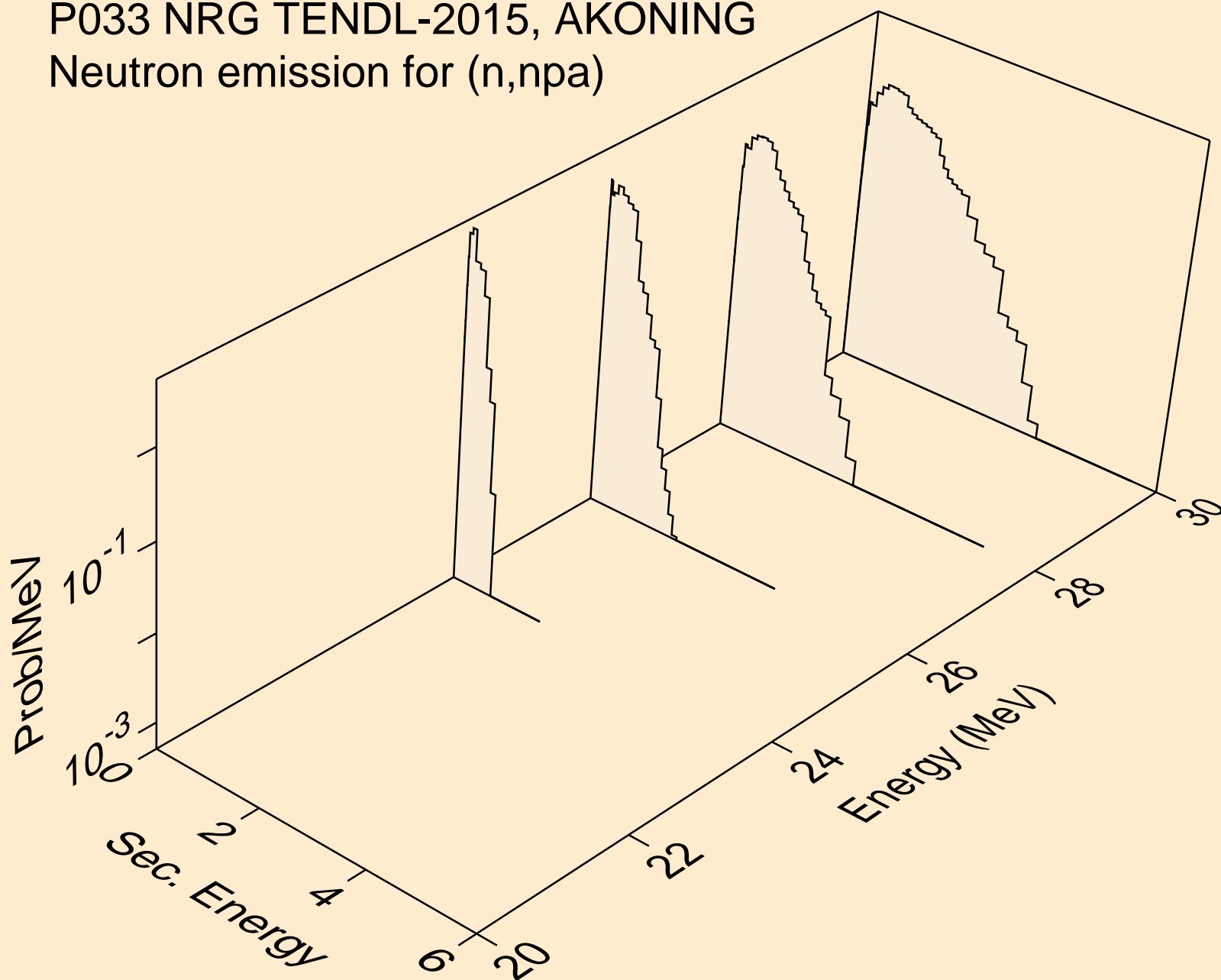
P033 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



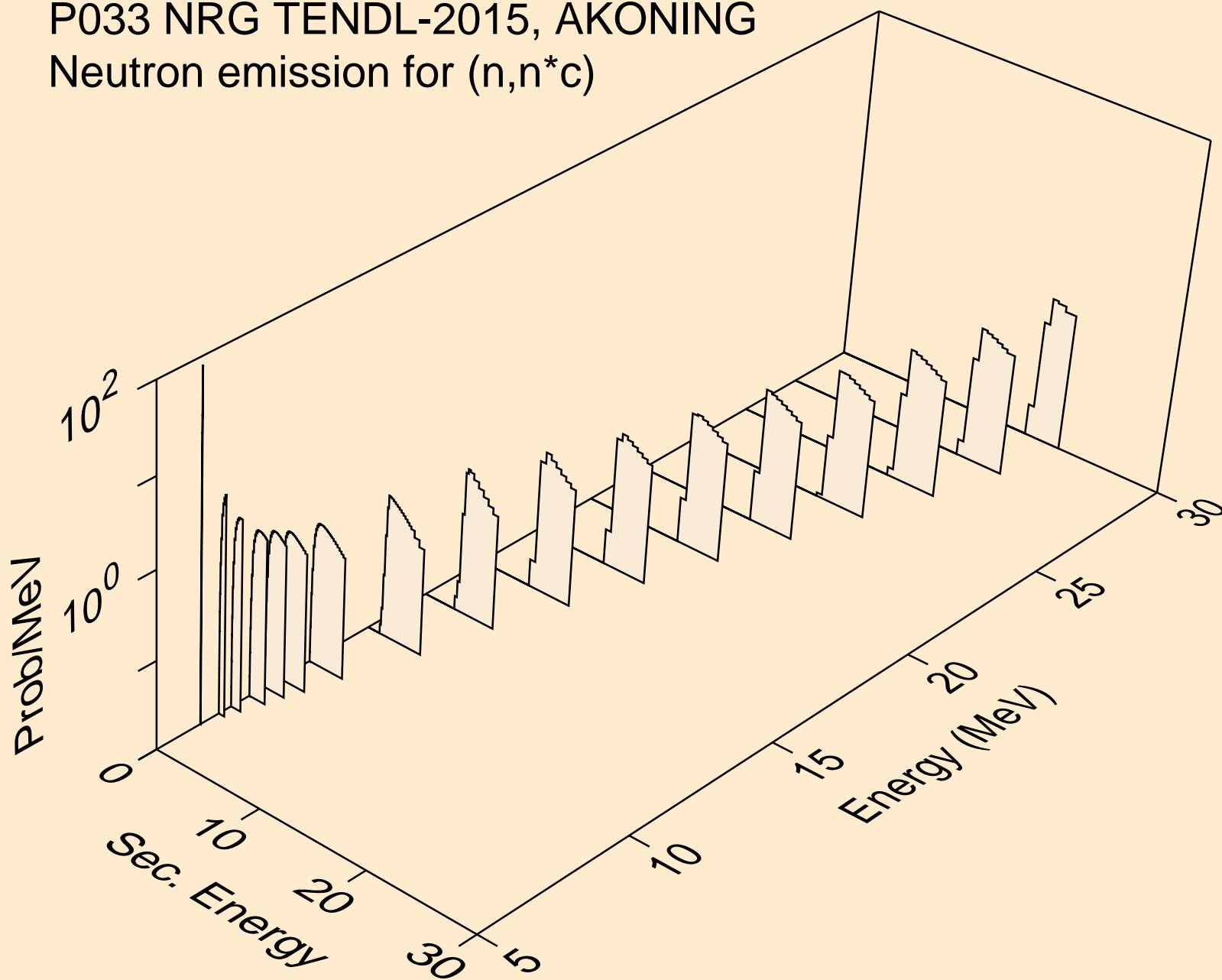
P033 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



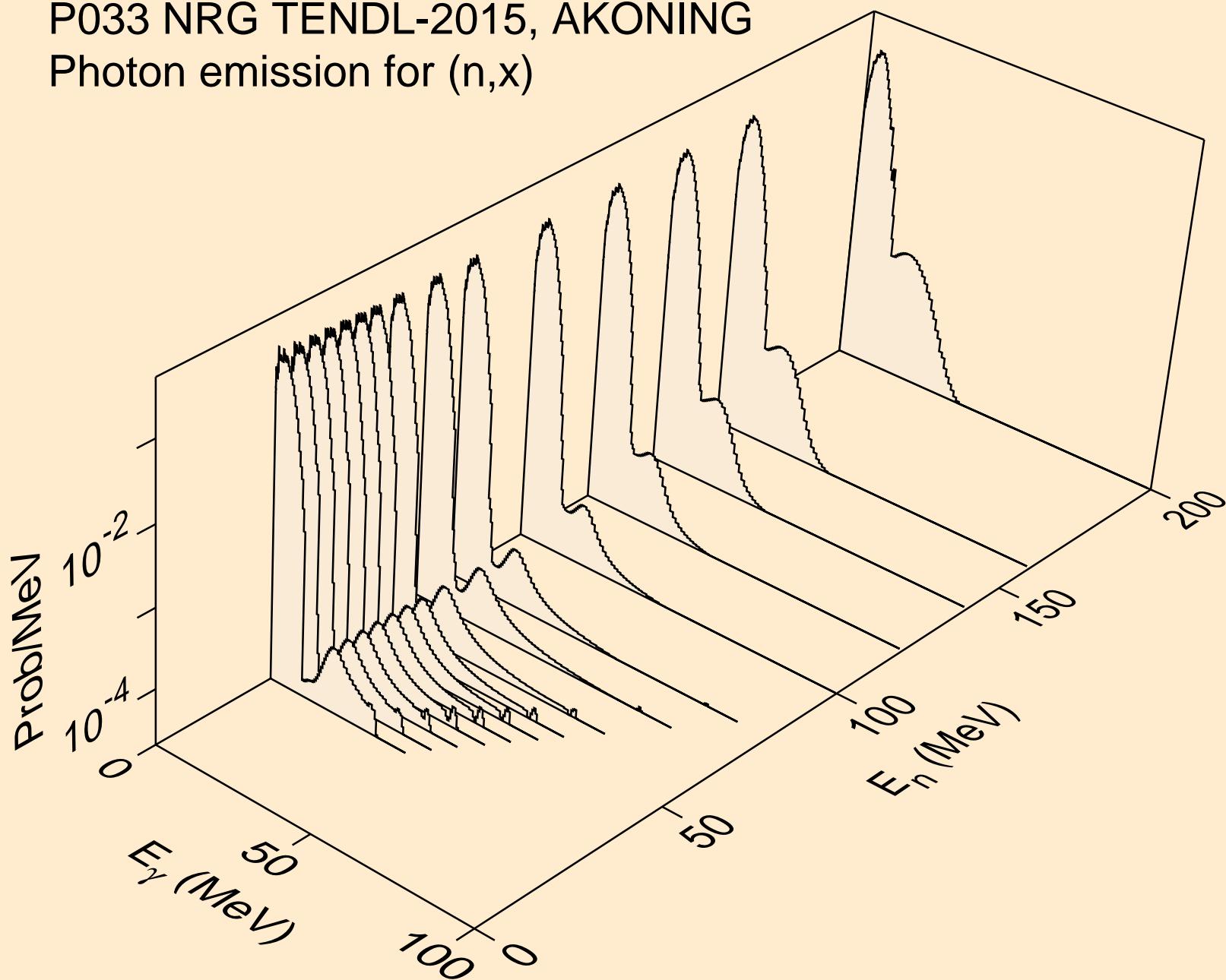
P033 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



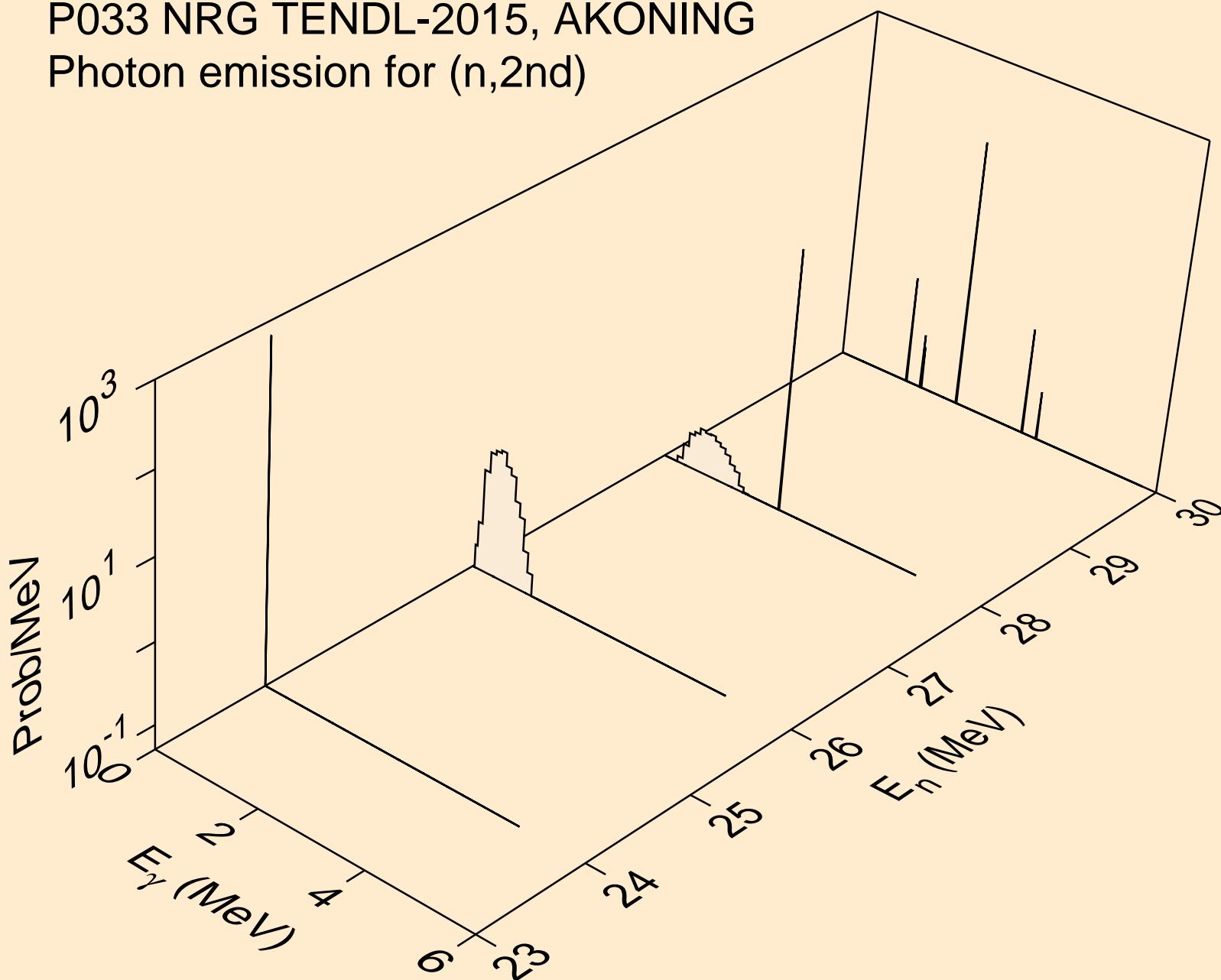
P033 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*c)$



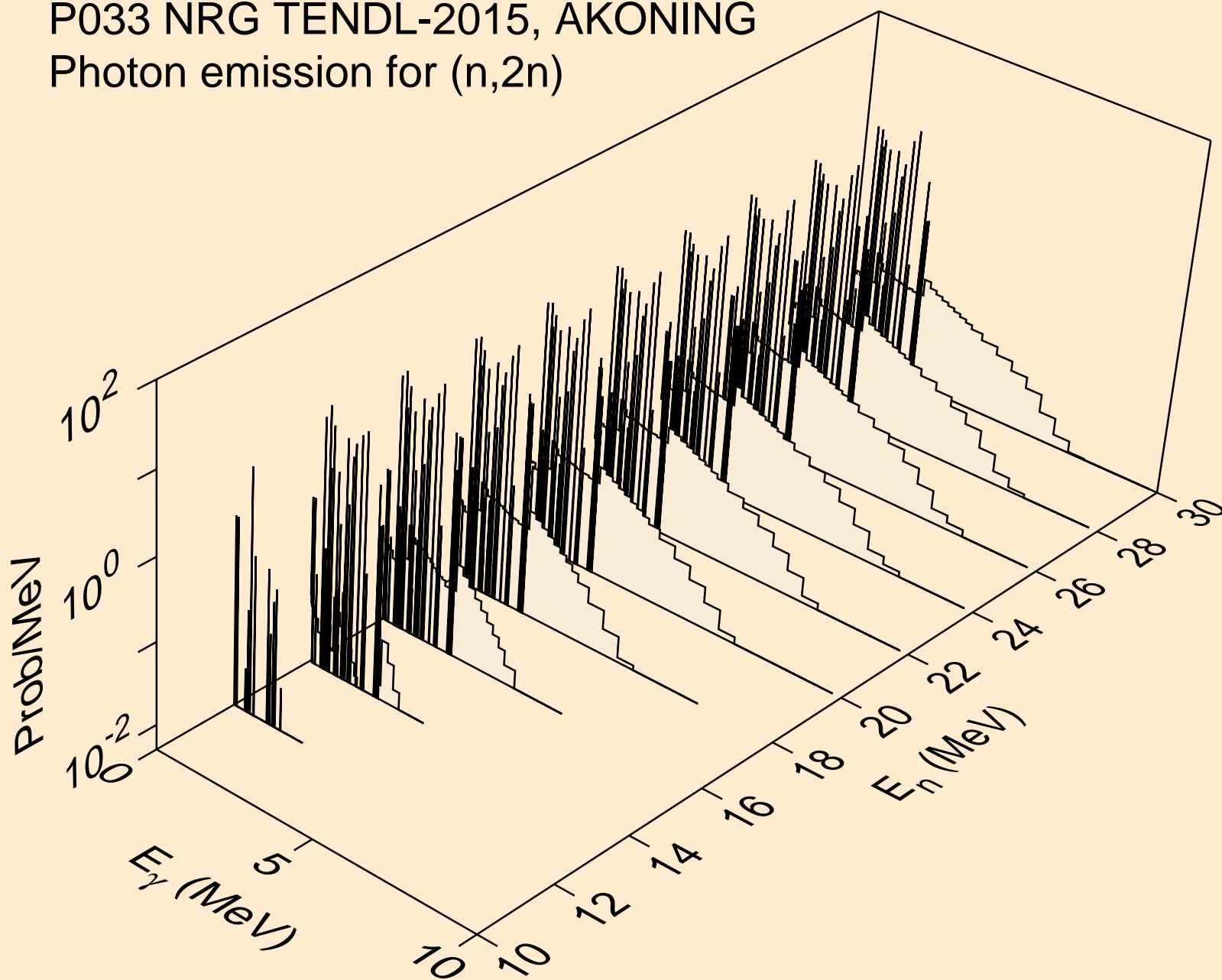
P033 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



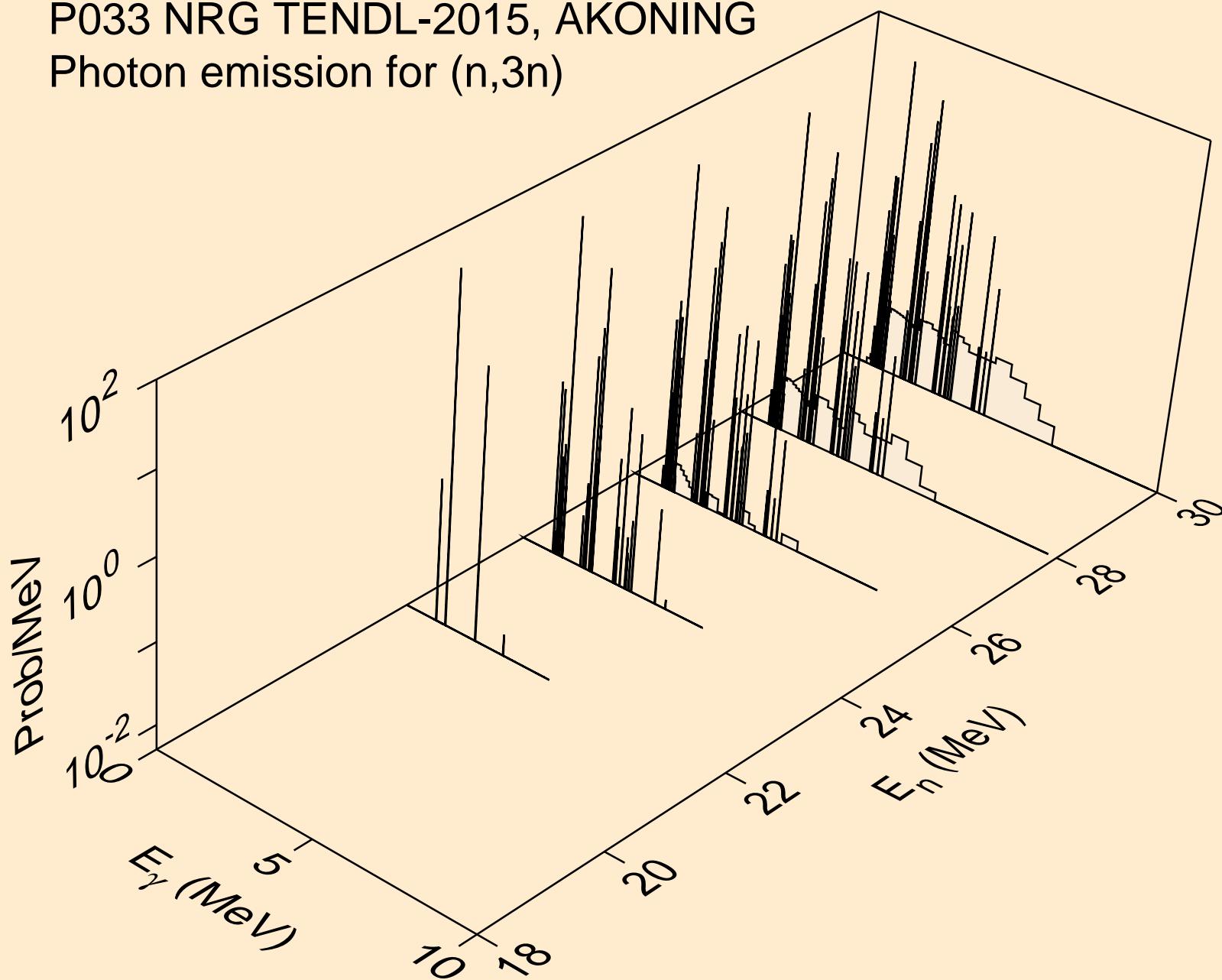
P033 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



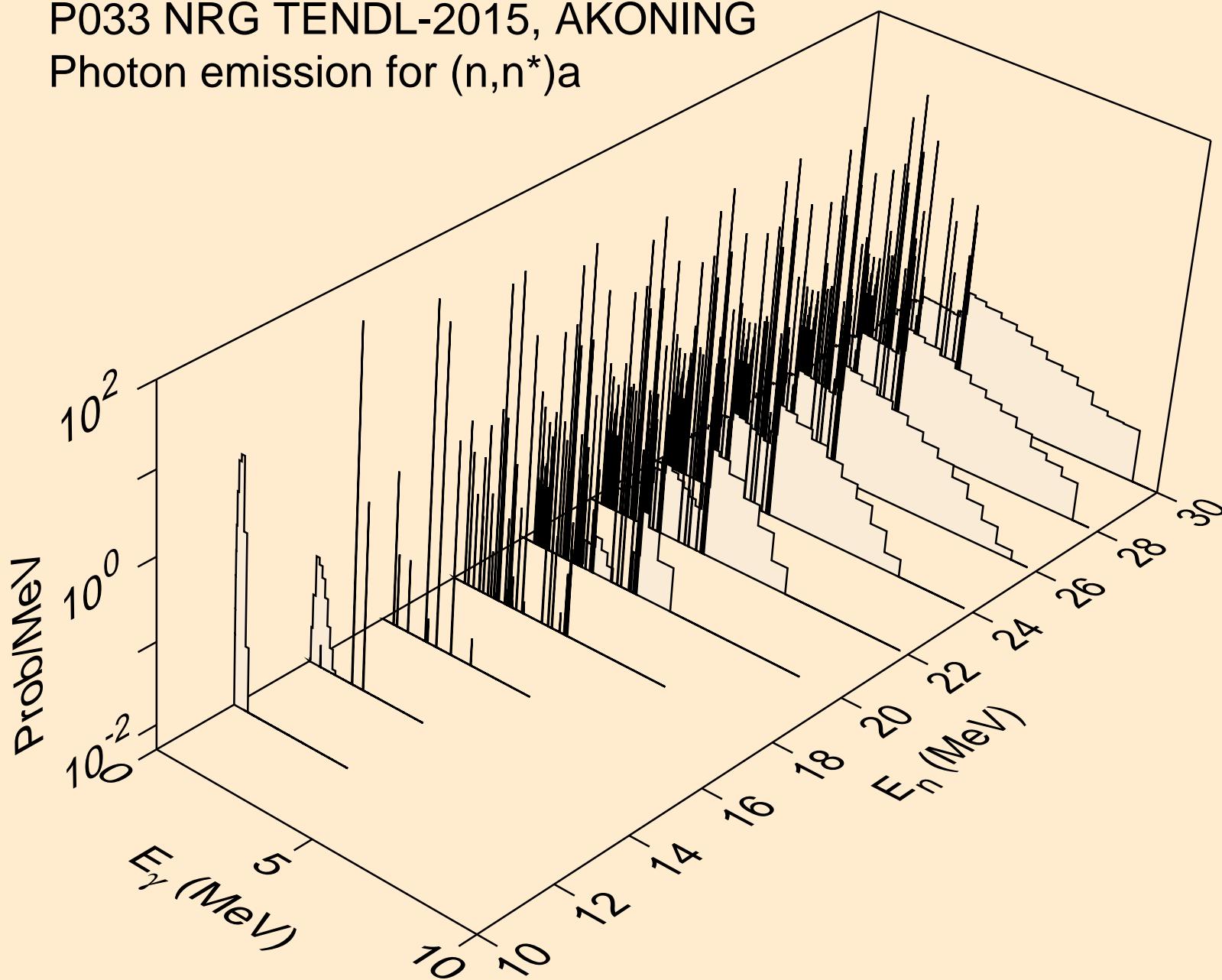
P033 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



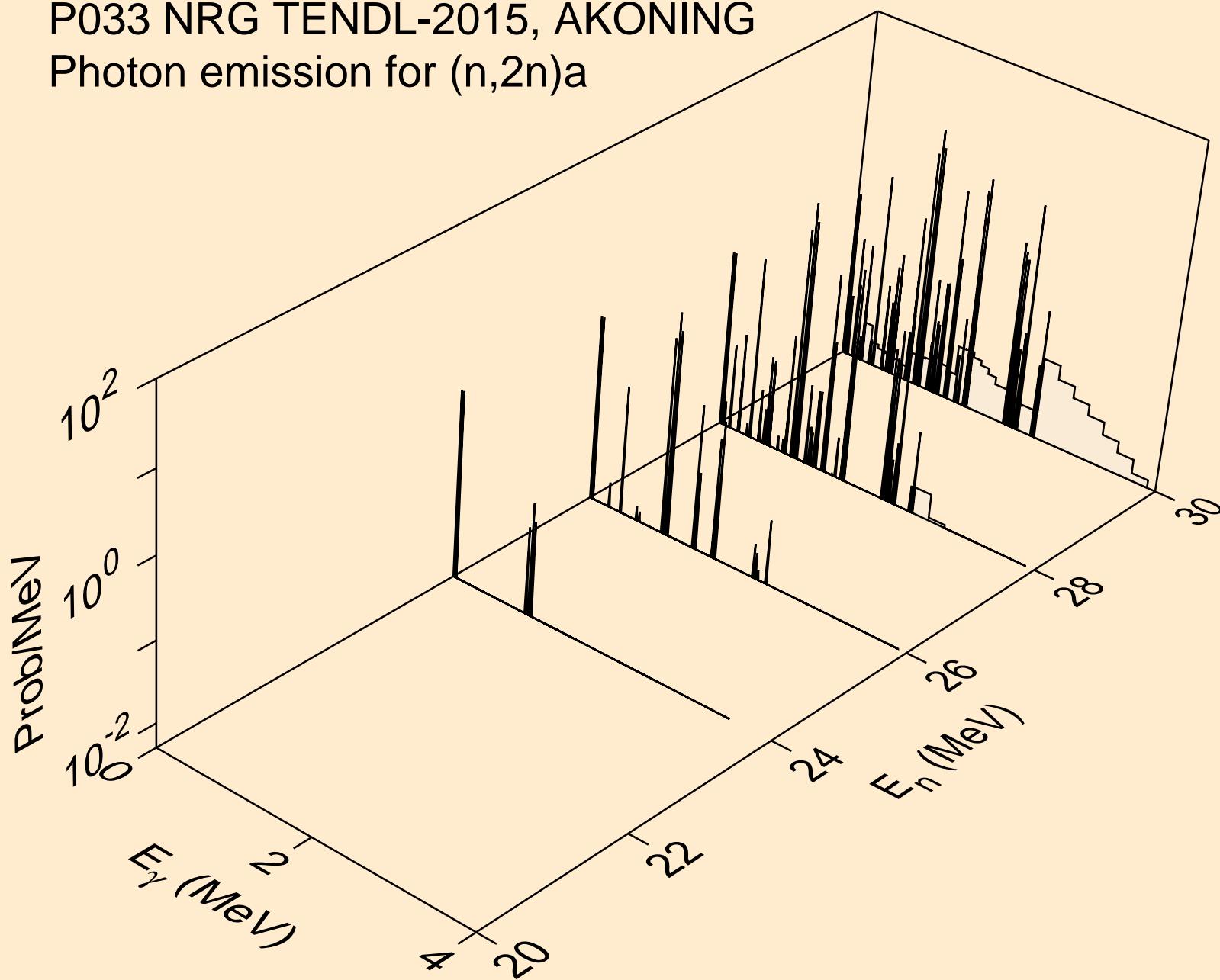
P033 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



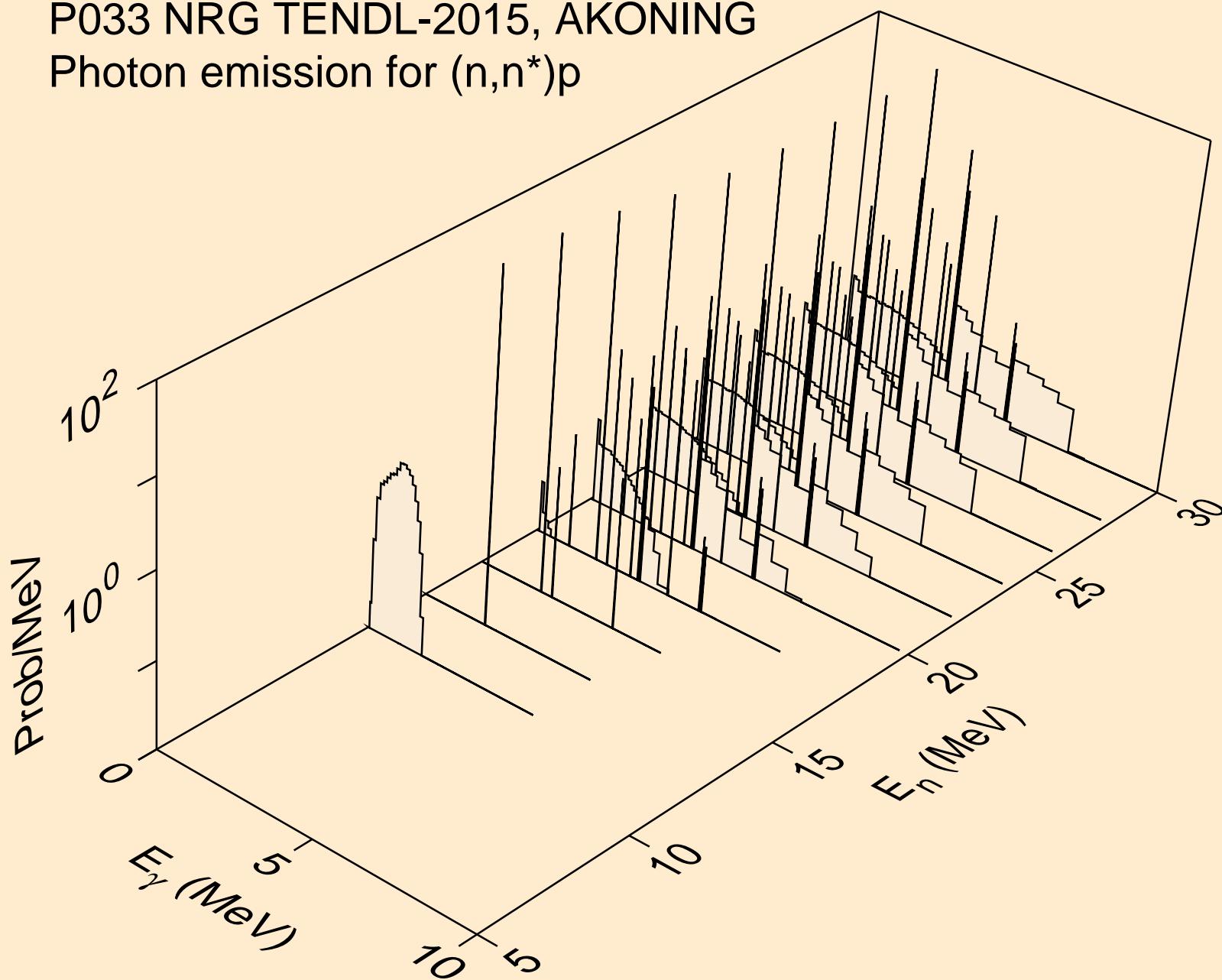
P033 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)a$



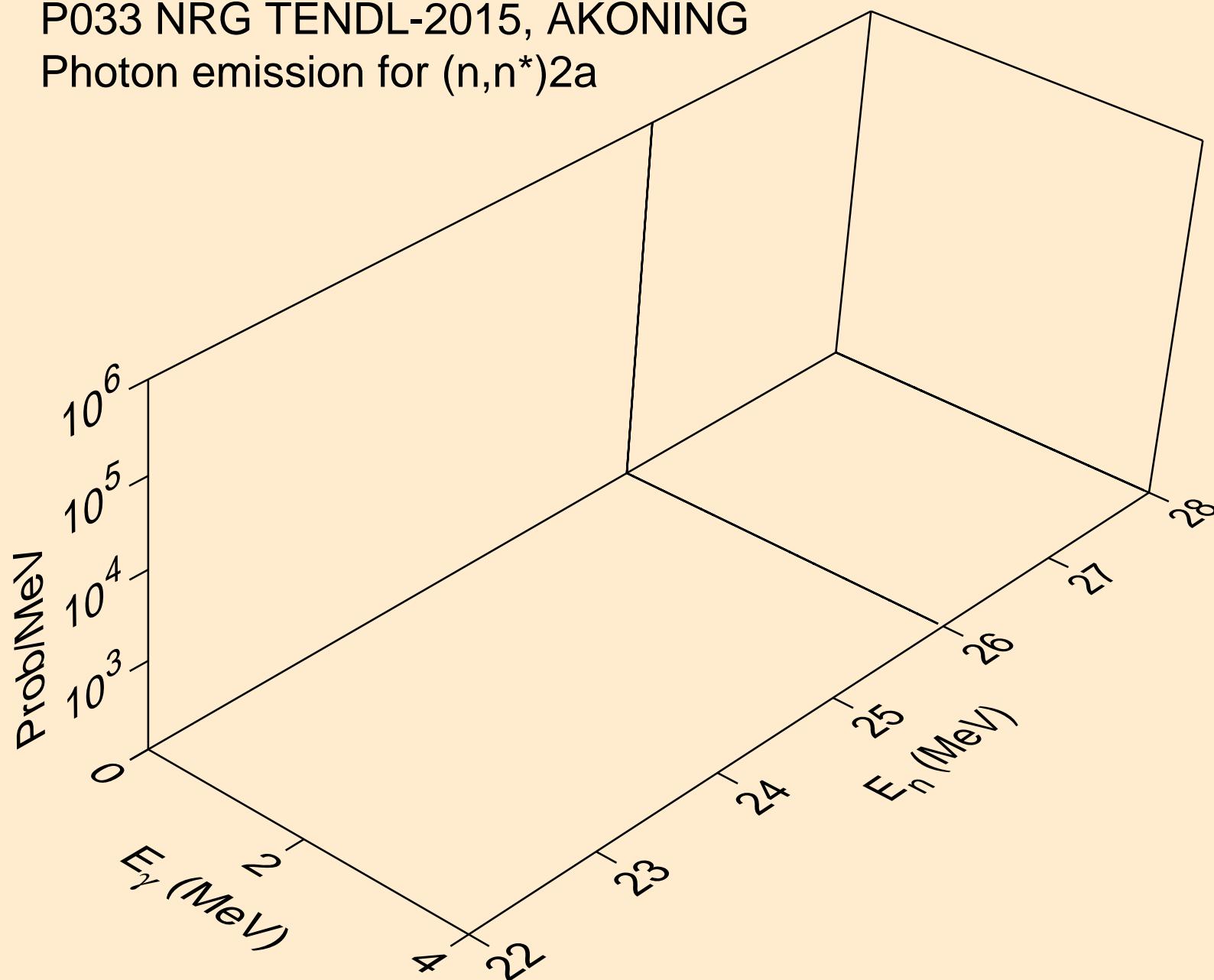
P033 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



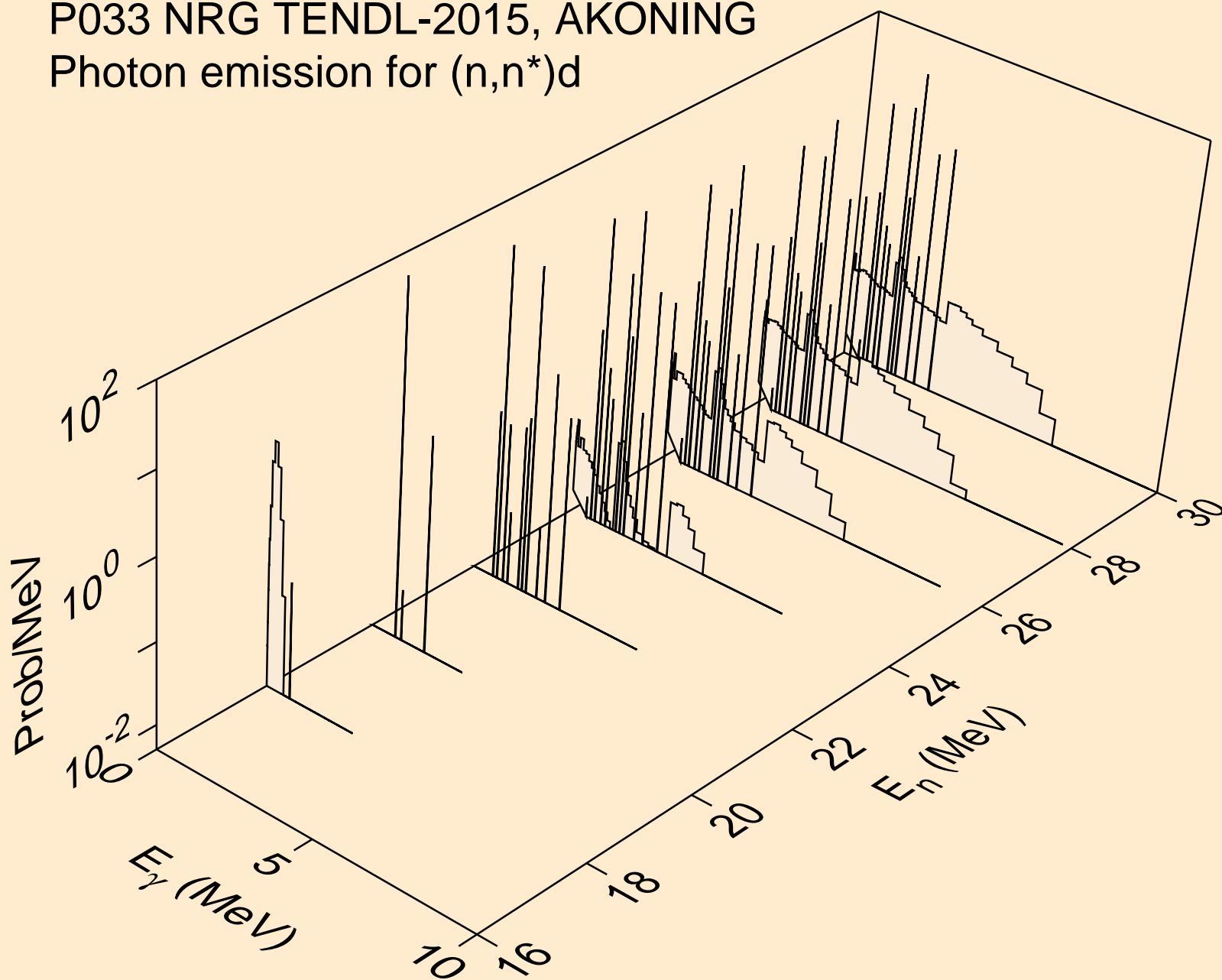
P033 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)p$



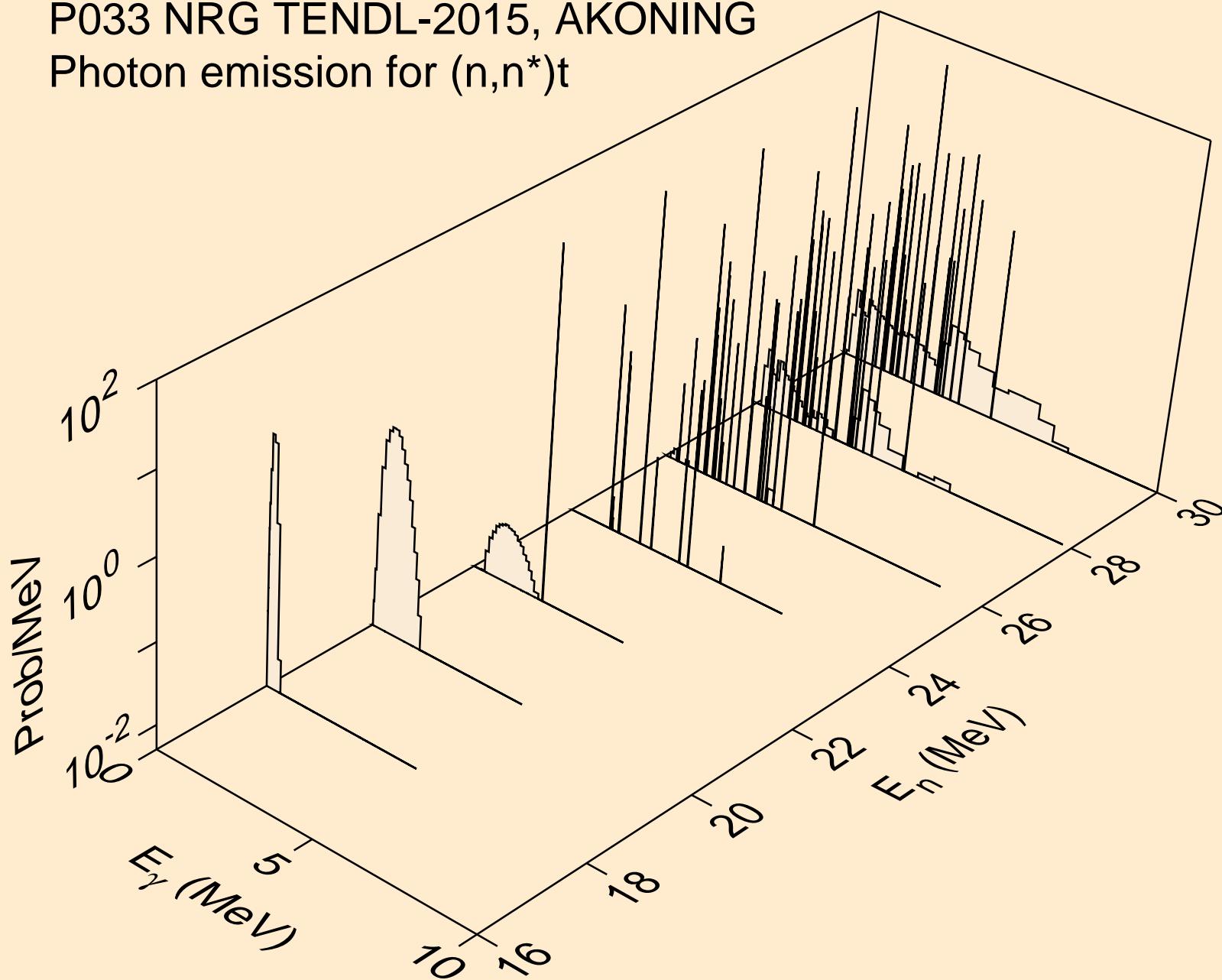
P033 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)2a$



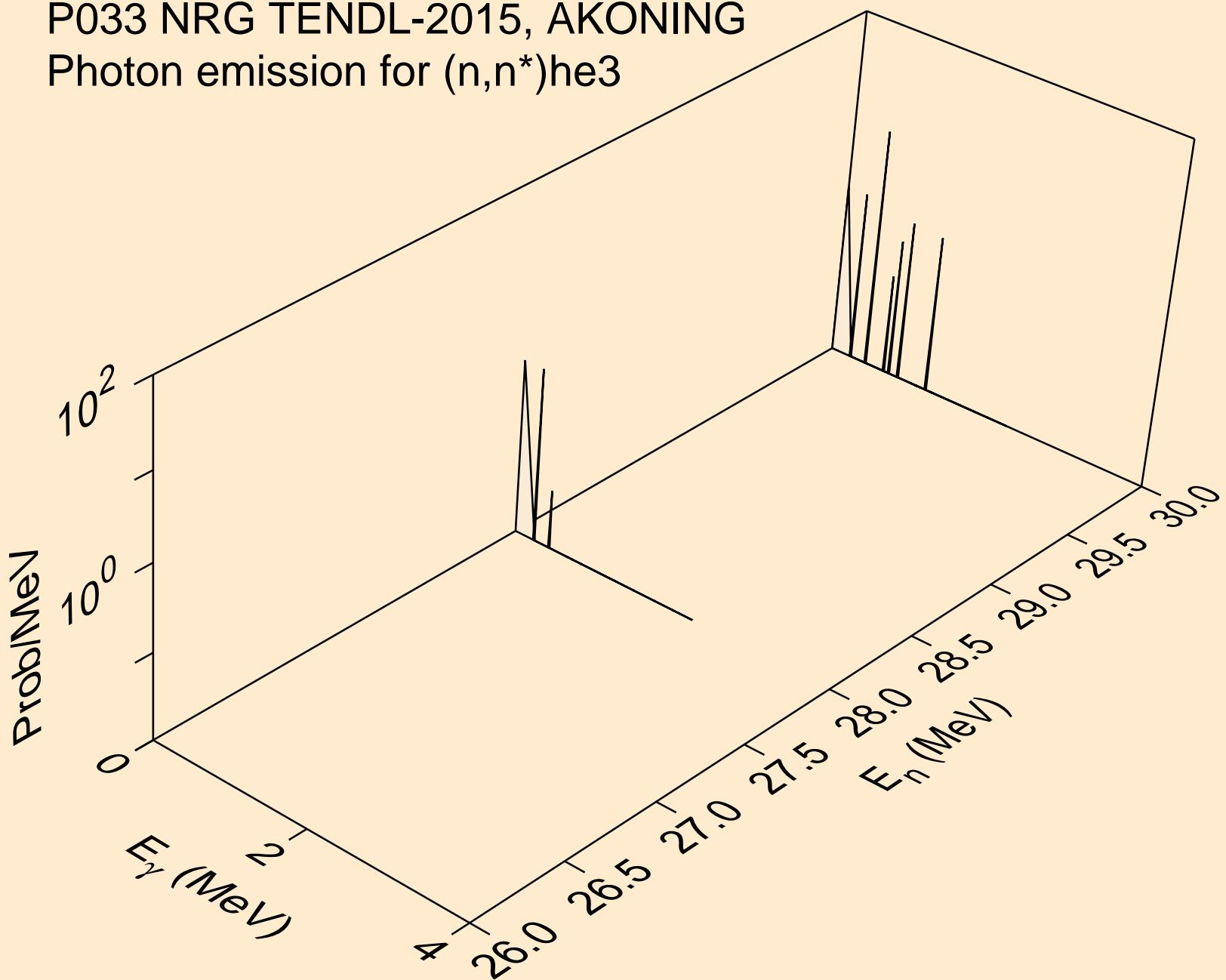
P033 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)d$



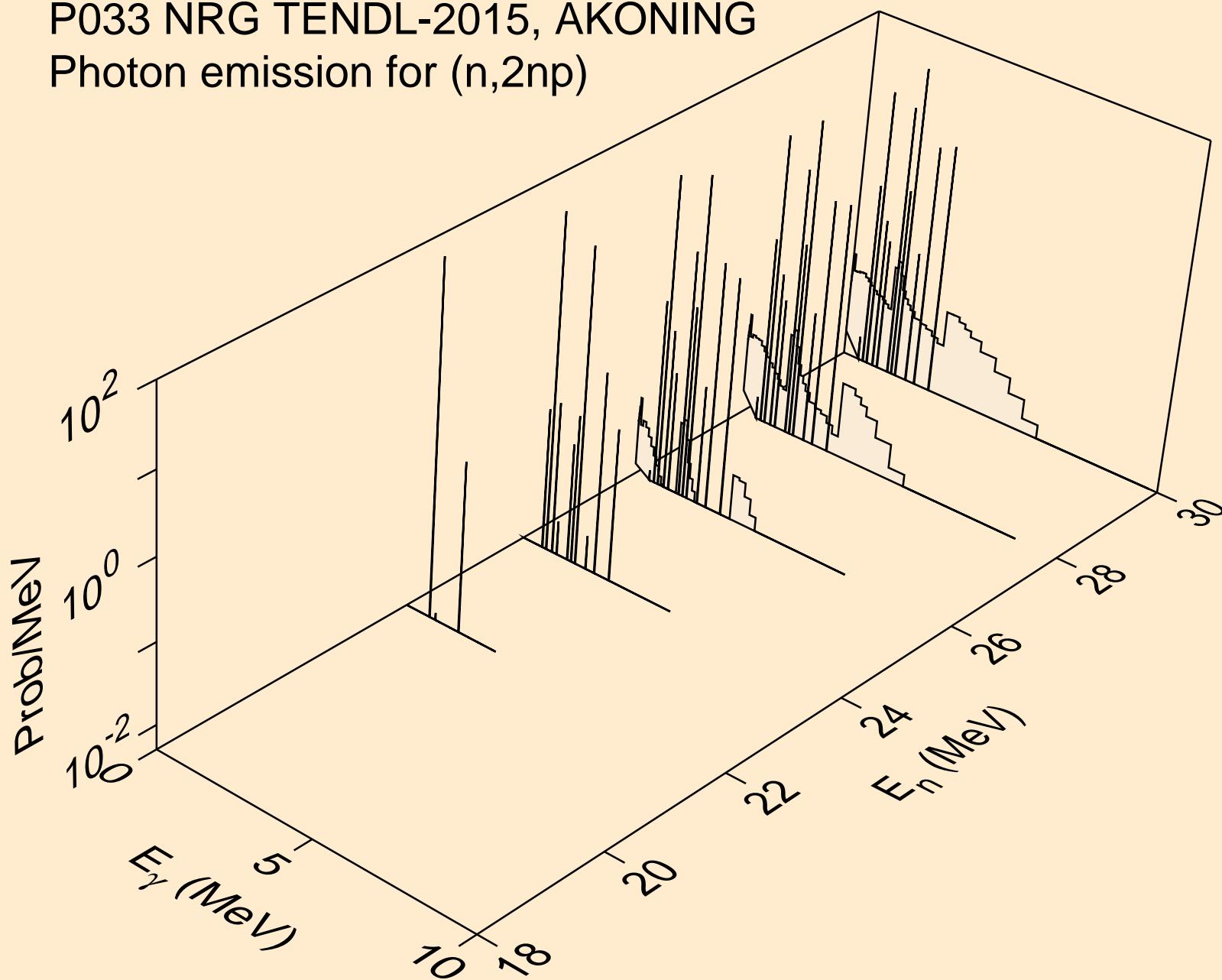
P033 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)t$



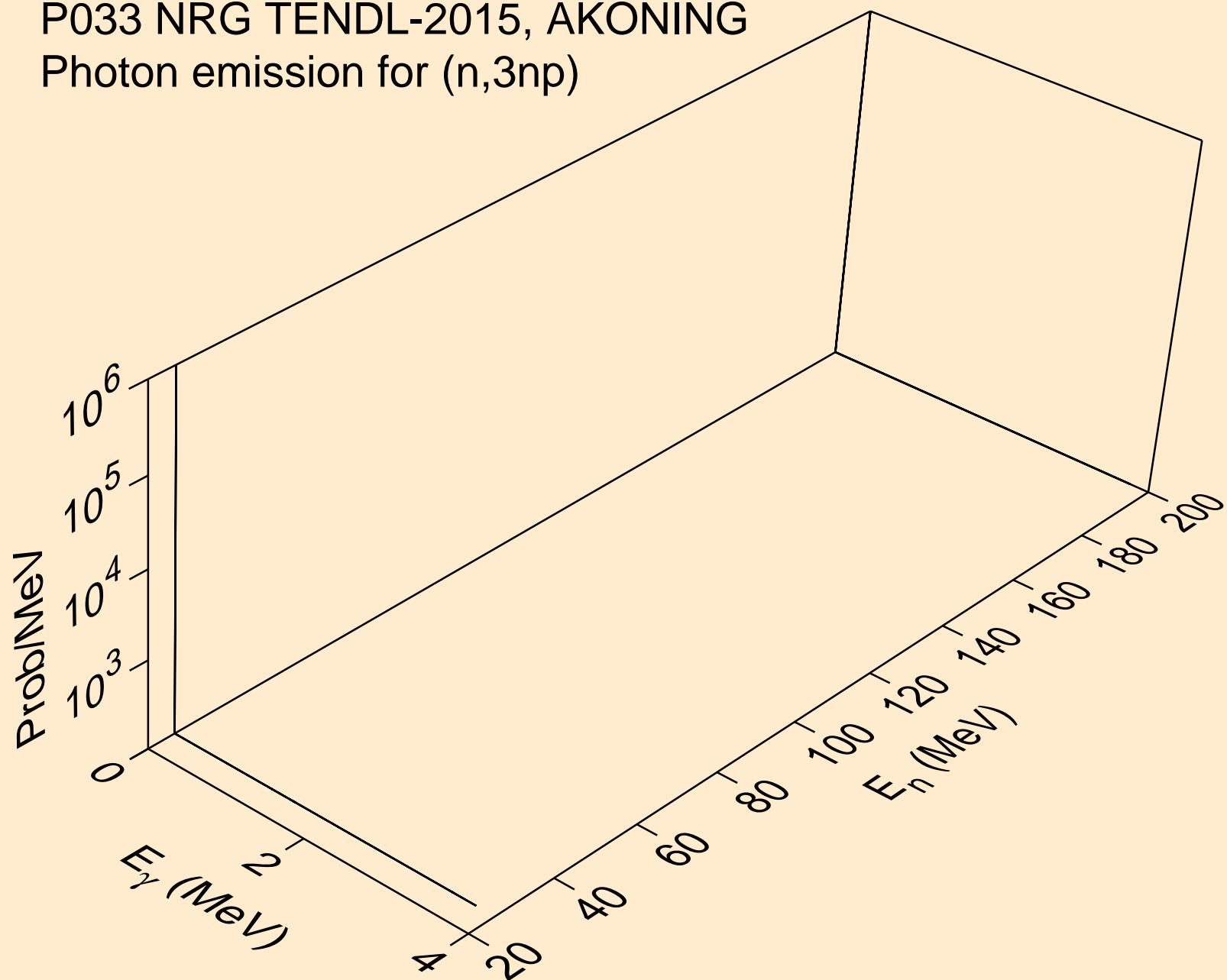
P033 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)\text{he3}$



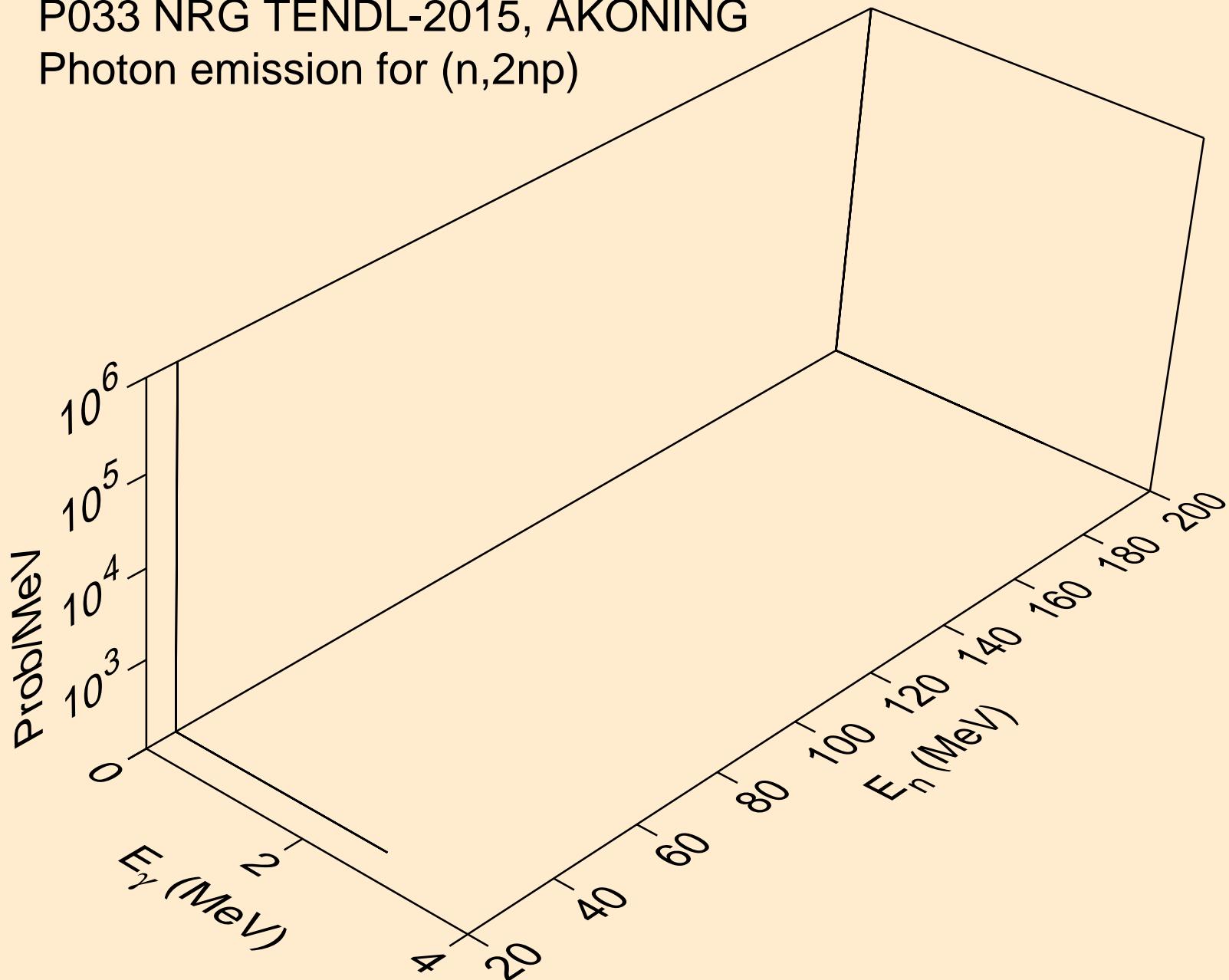
P033 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



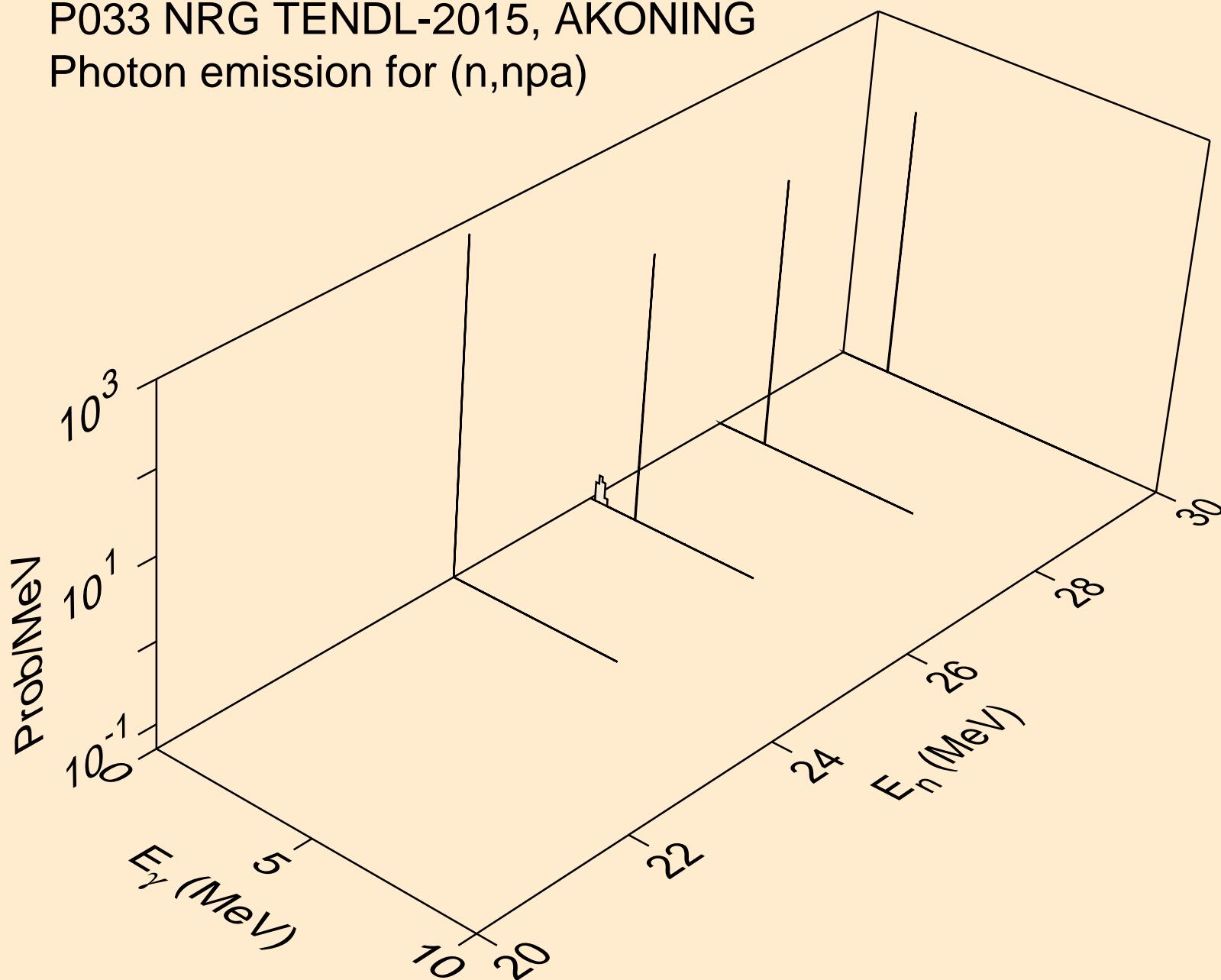
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Photon emission for (n,3np)



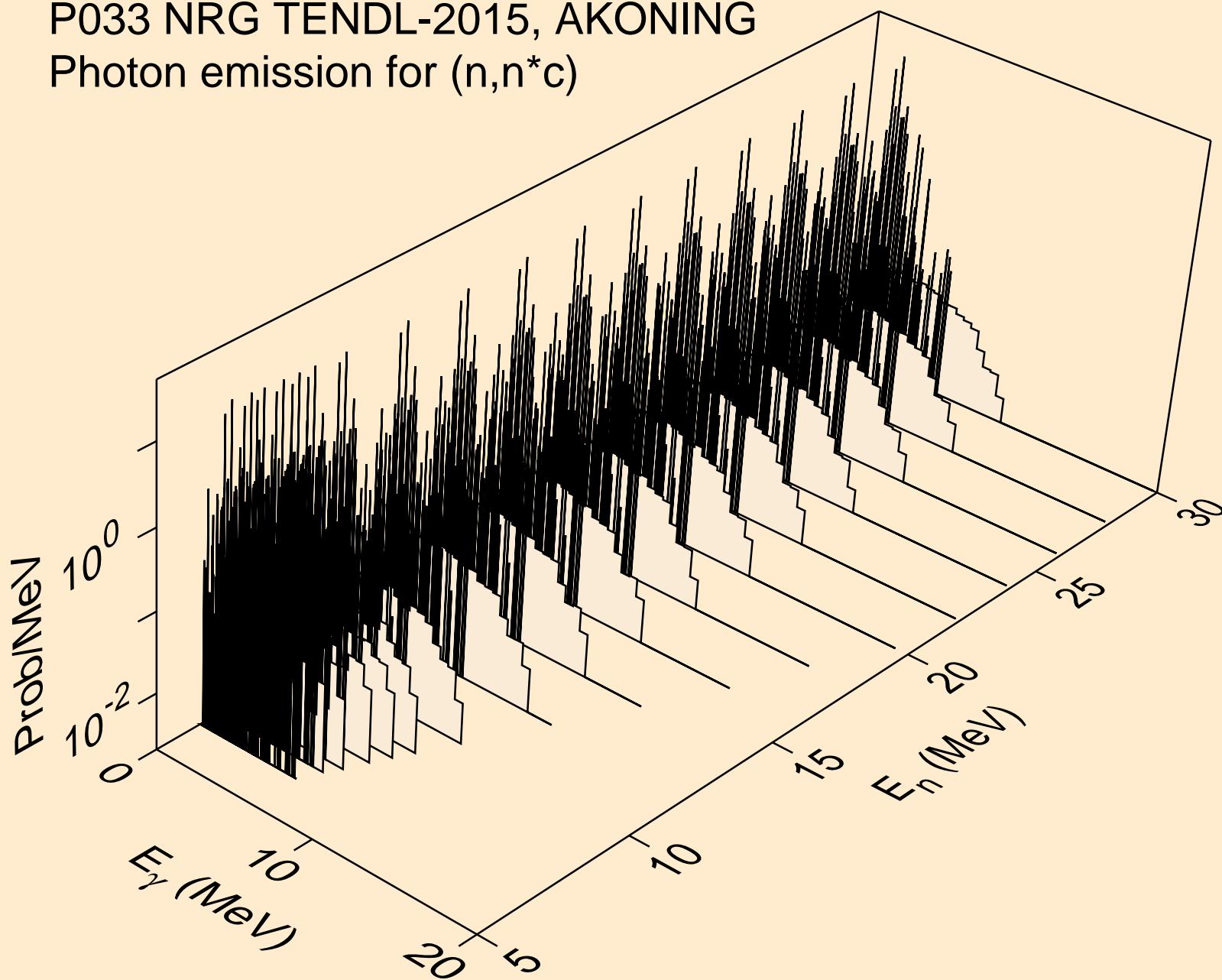
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Photon emission for (n,2np)



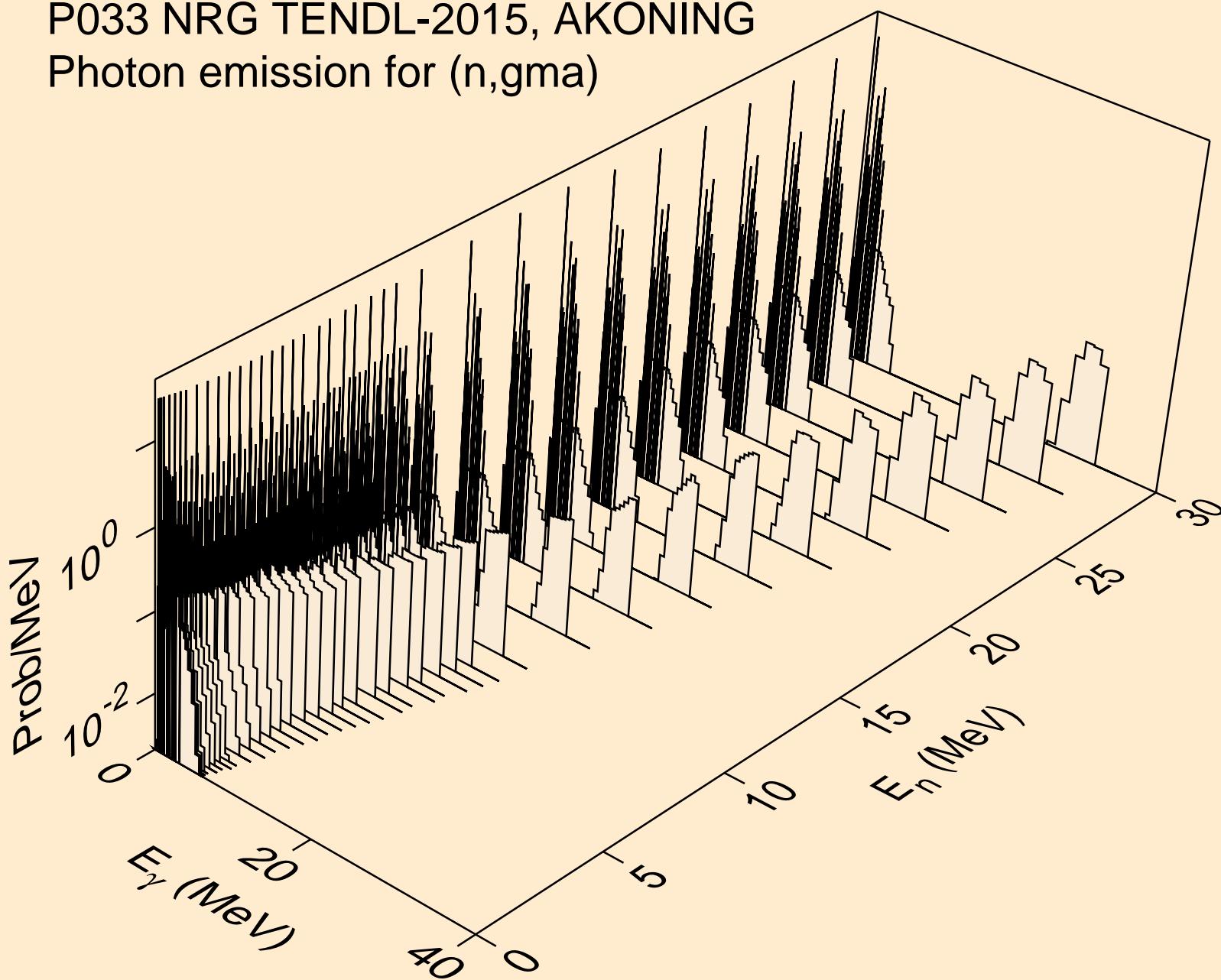
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Photon emission for (n,npa)



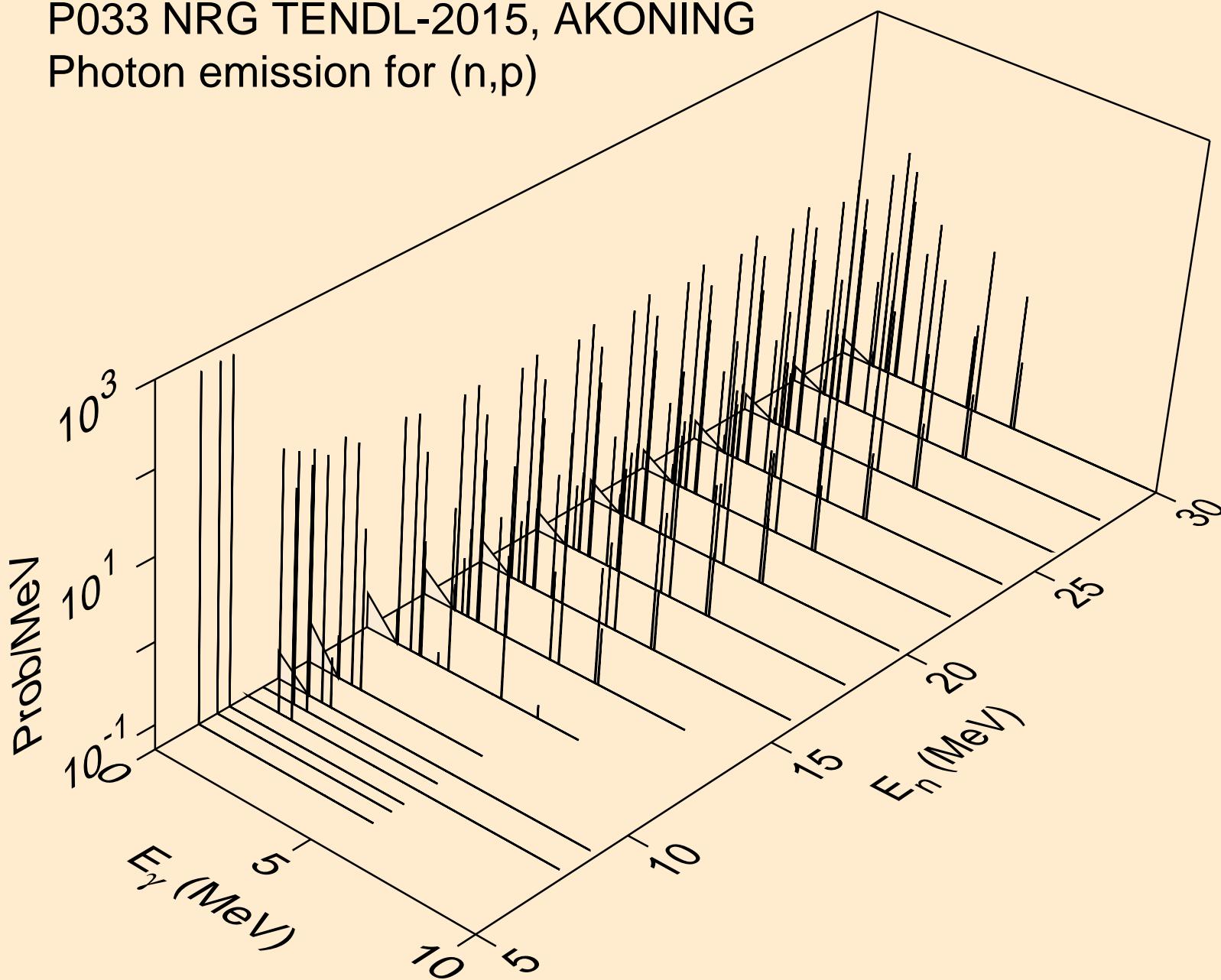
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Photon emission for  $(n,n^*c)$



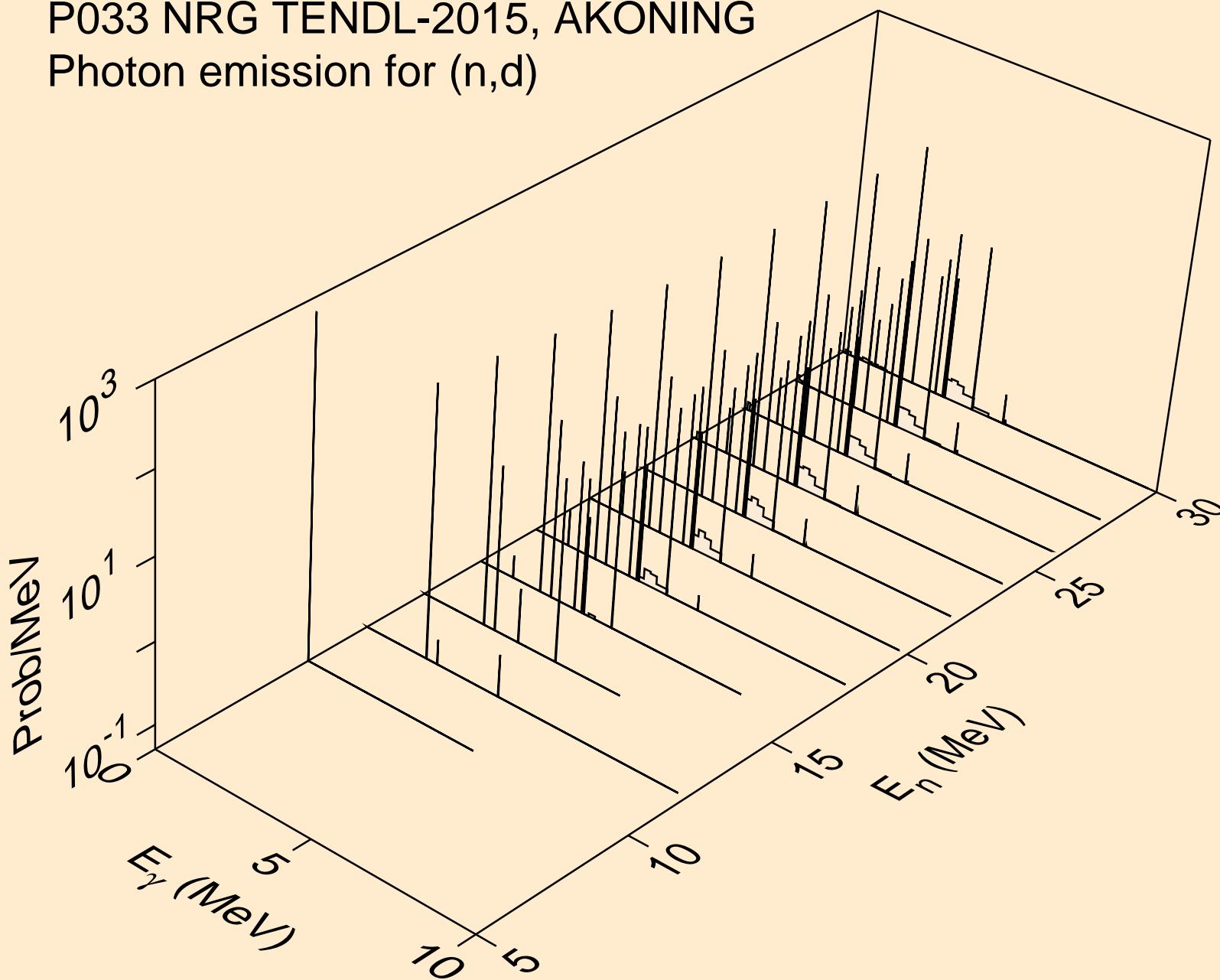
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Photon emission for (n,gma)



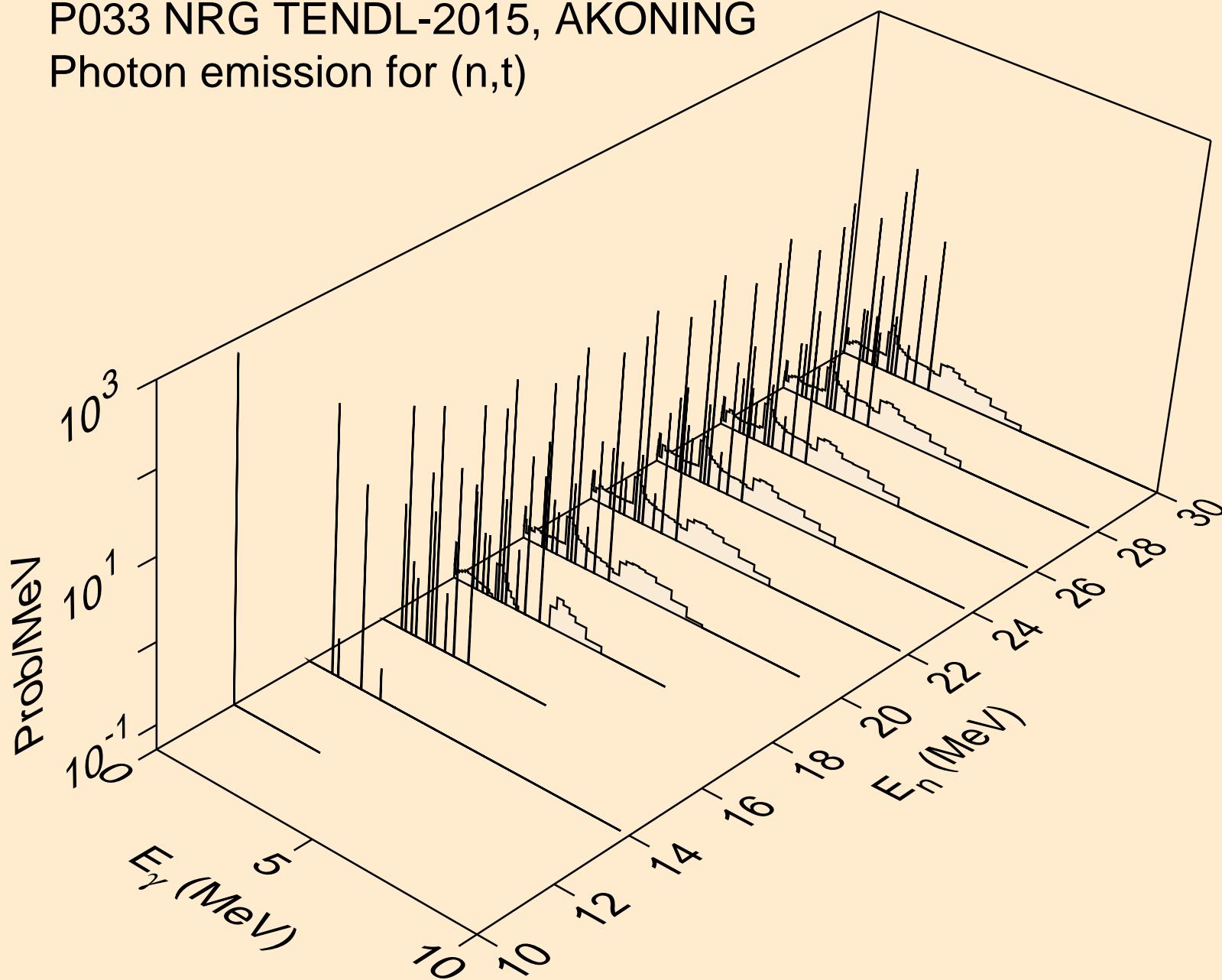
P033 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



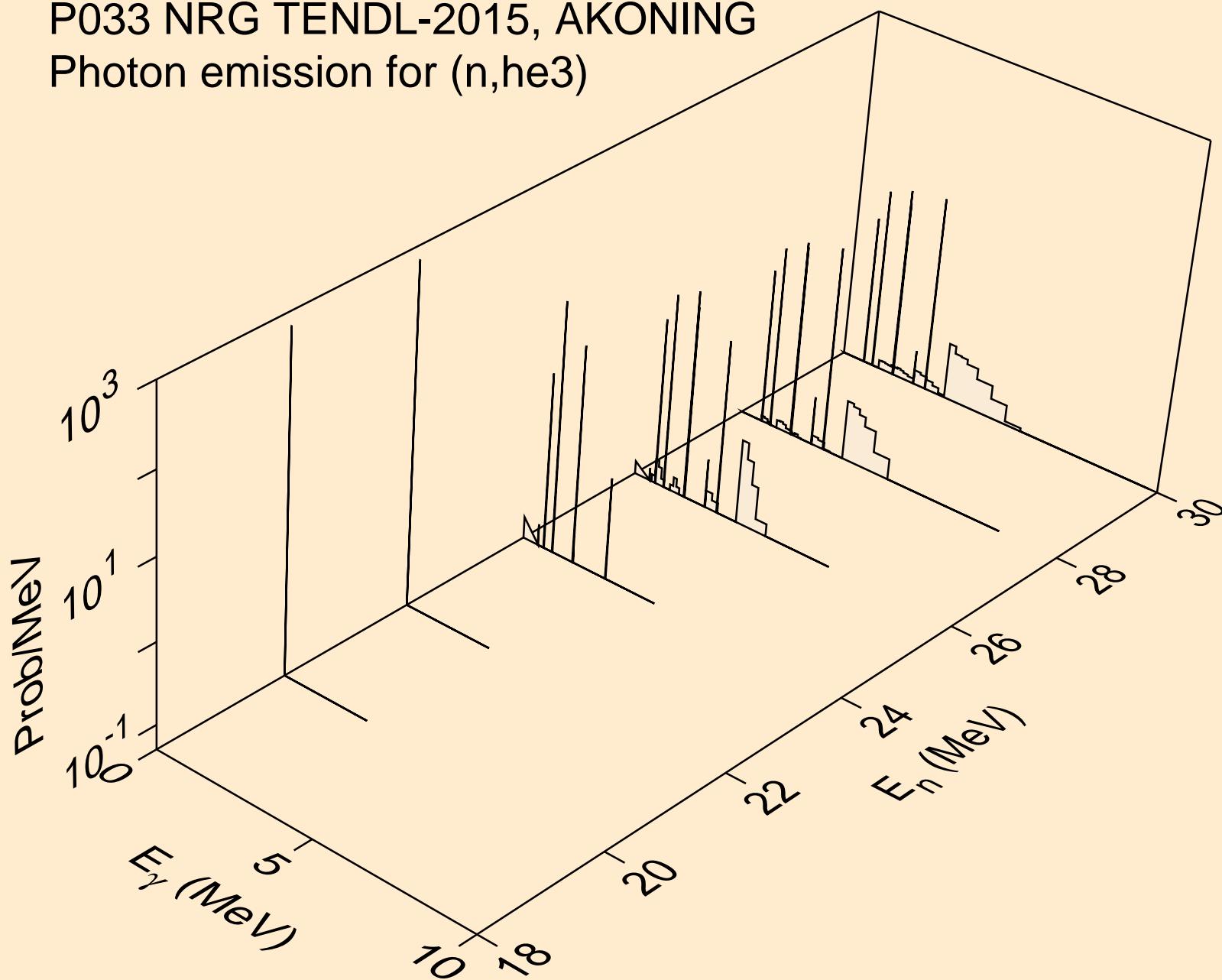
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Photon emission for (n,d)



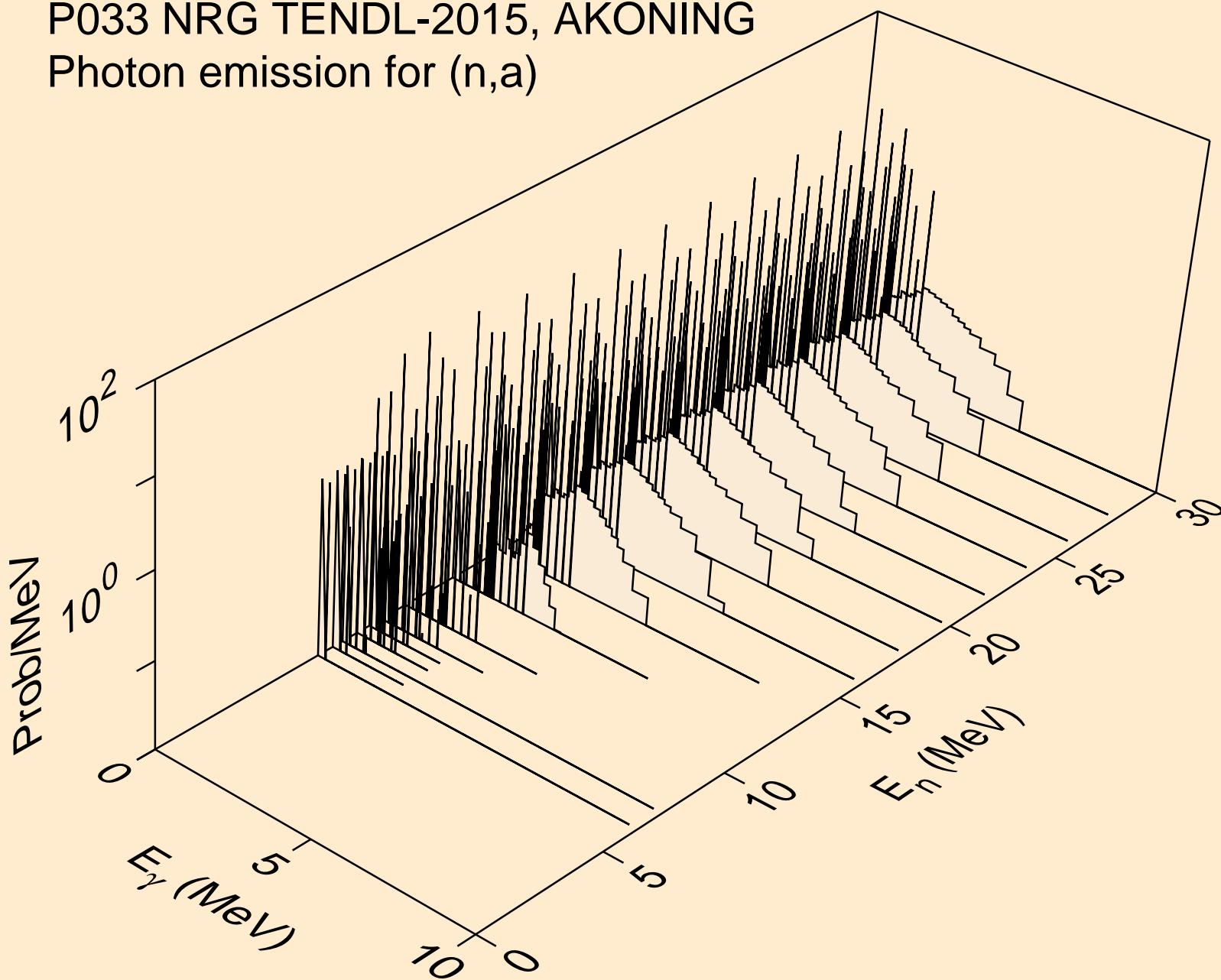
P033 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



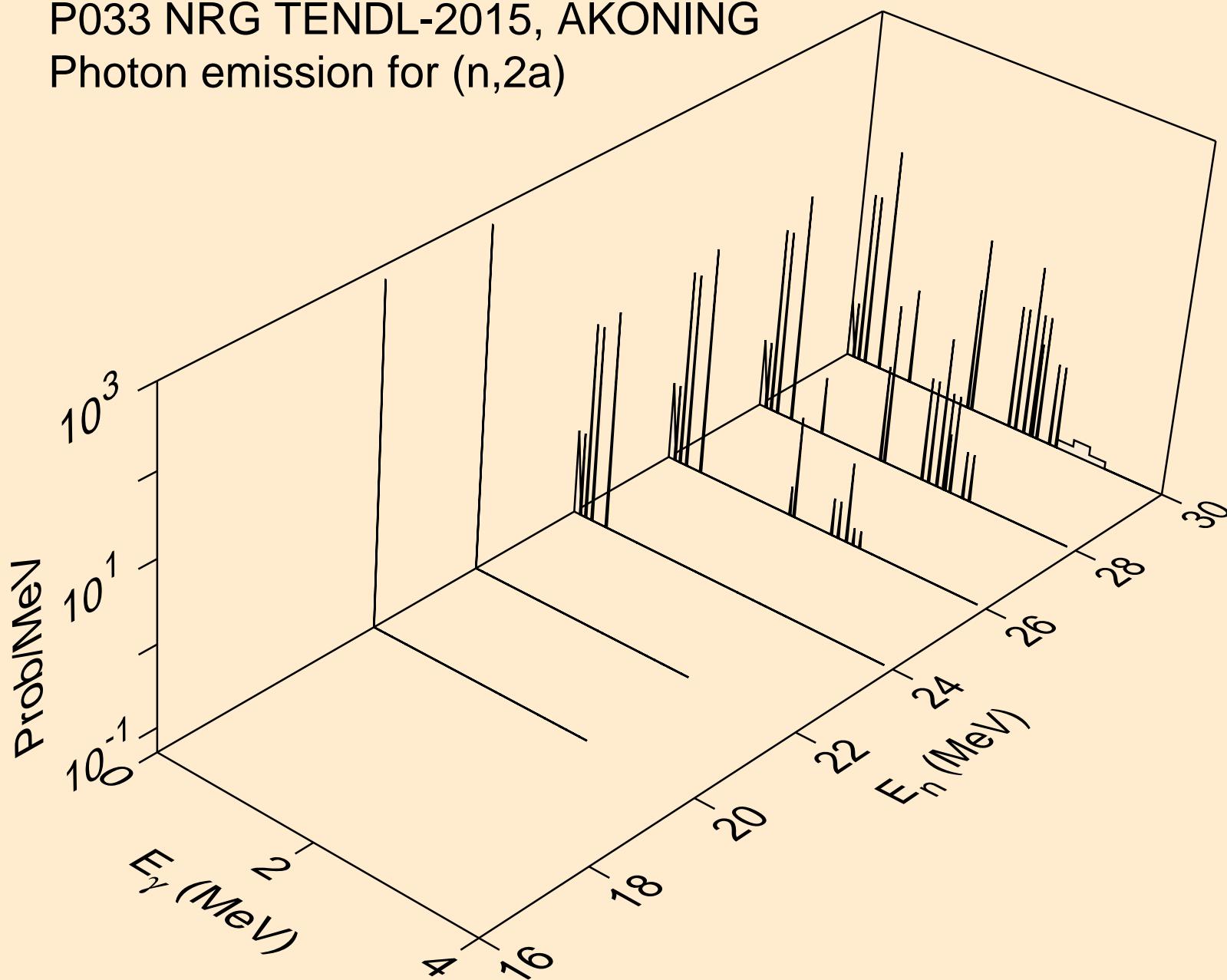
P033 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



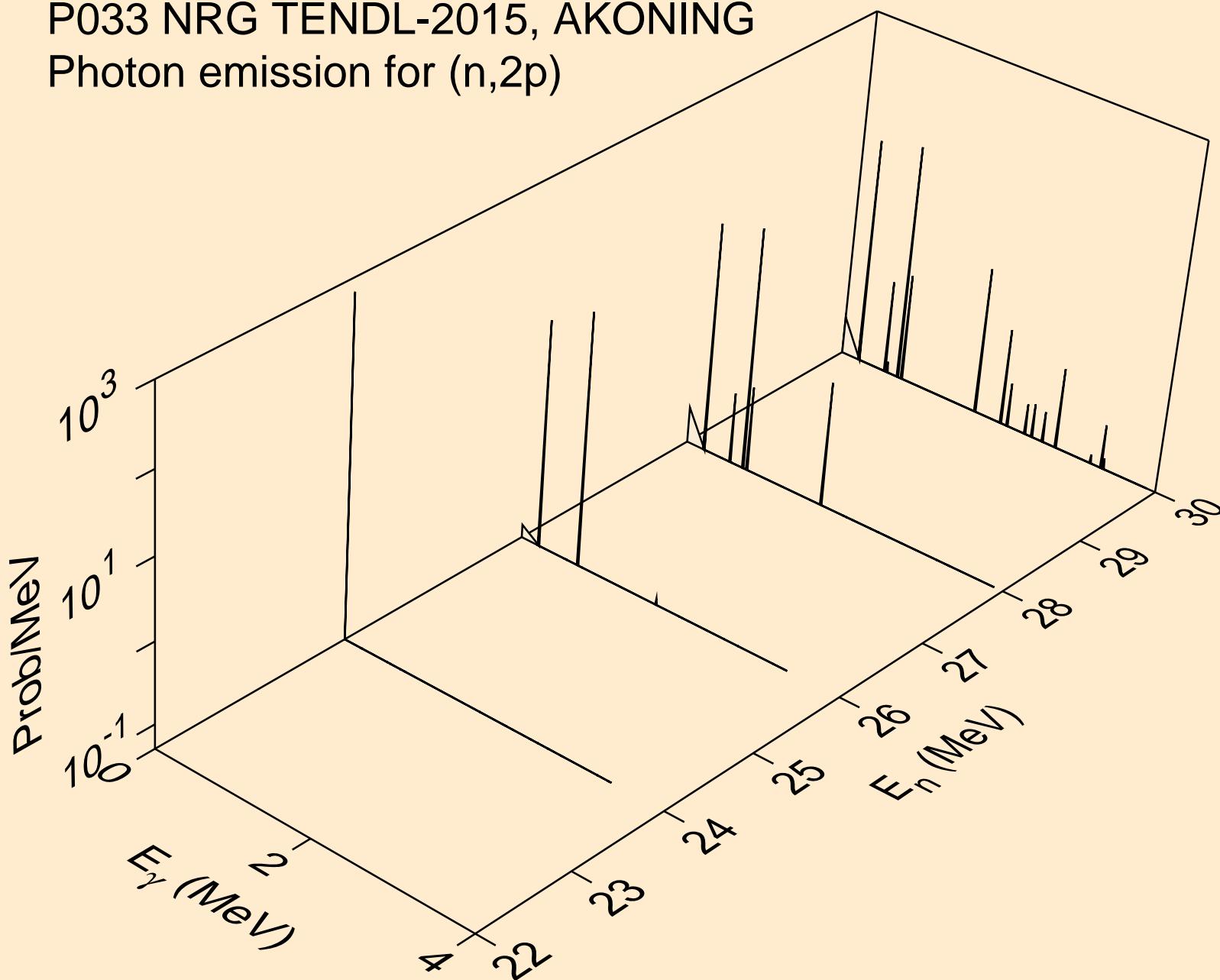
P033 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



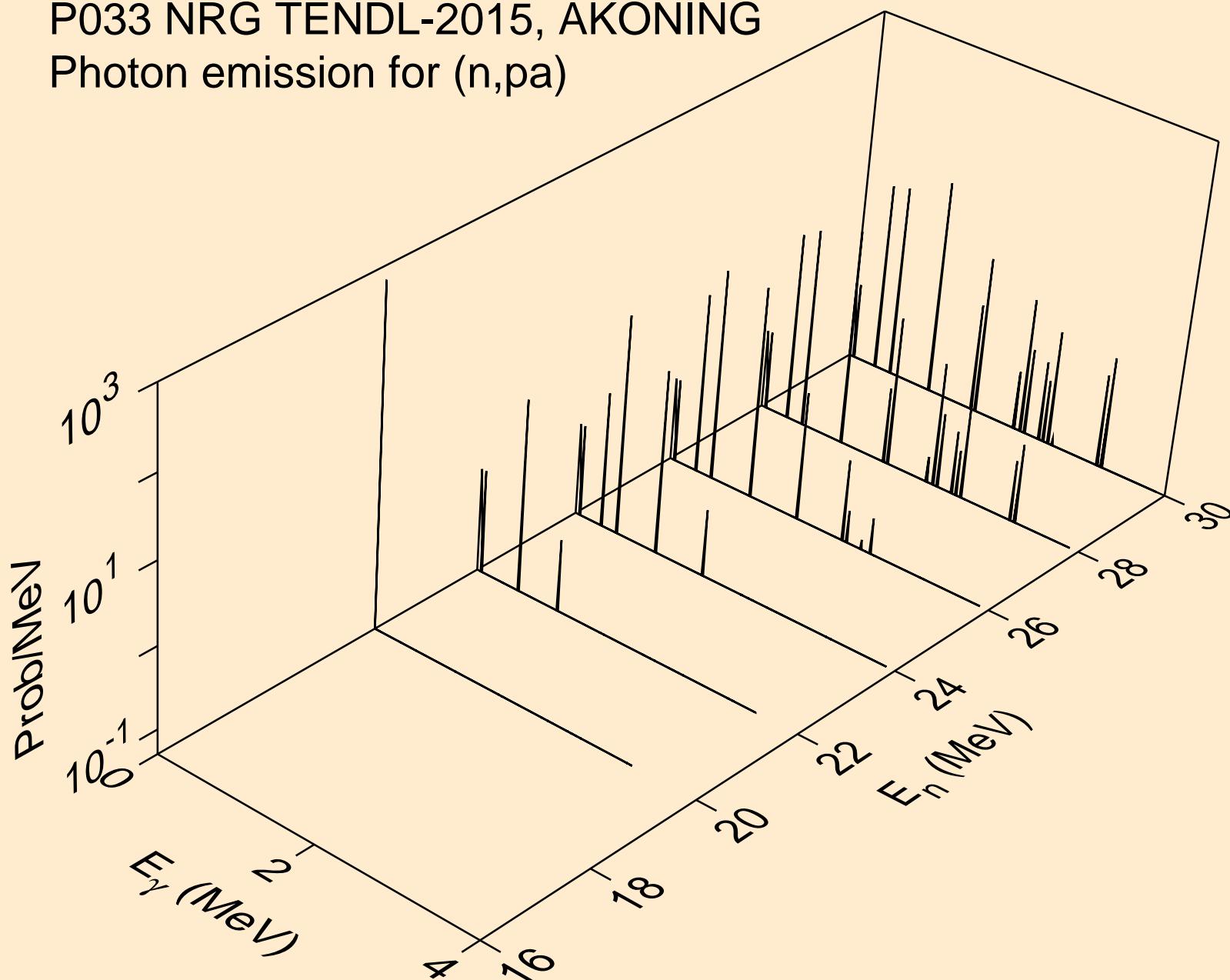
P033 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



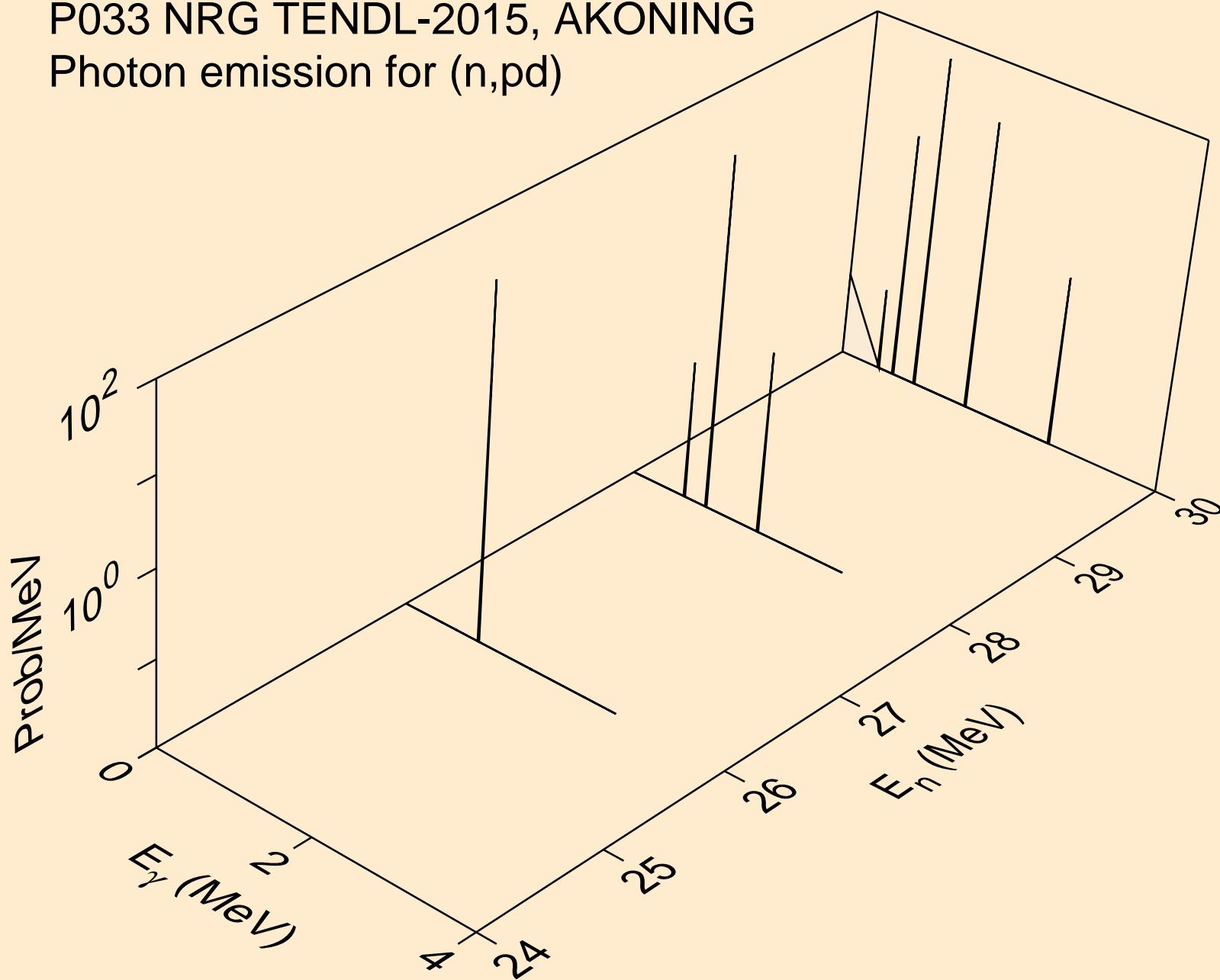
P033 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



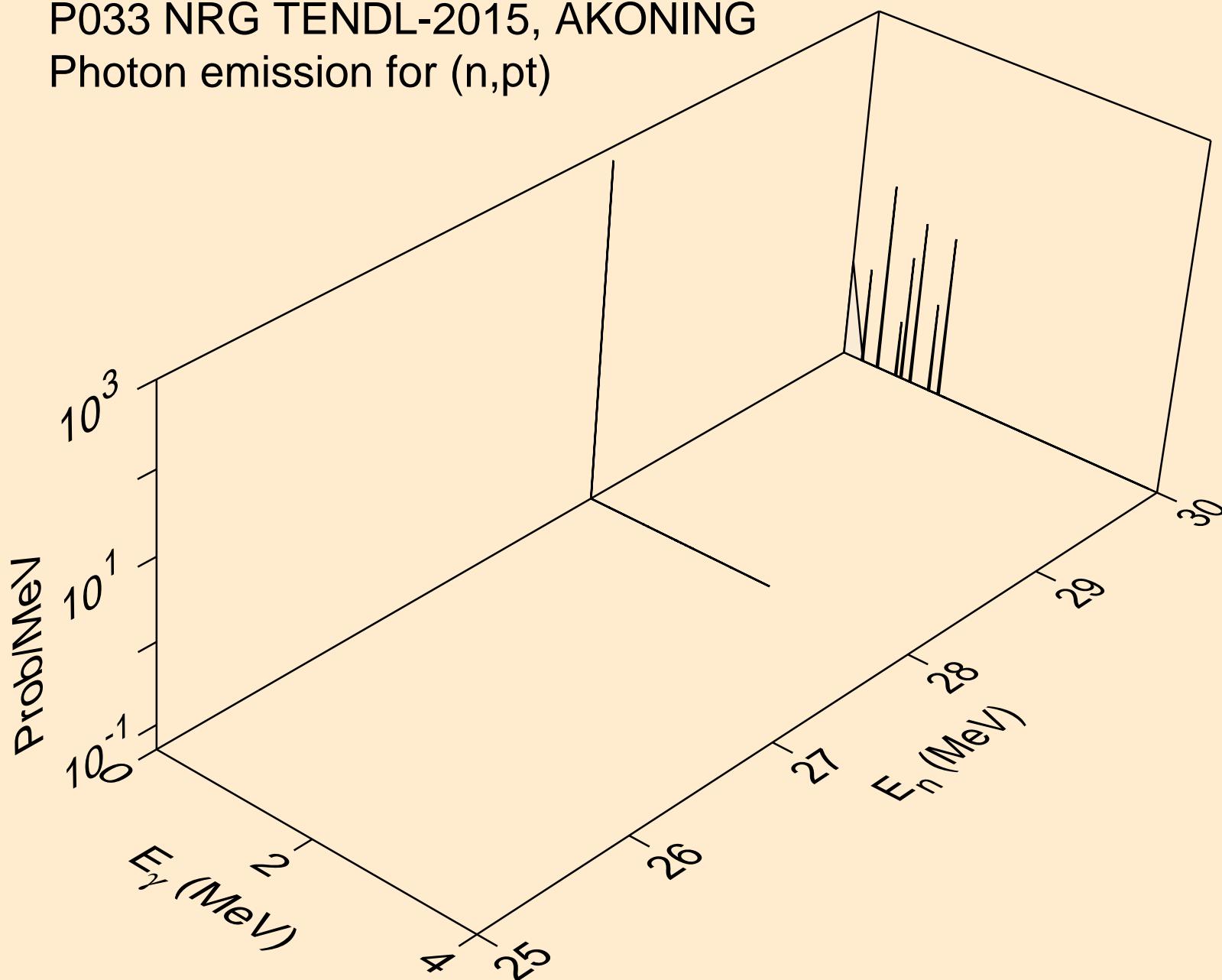
P033 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



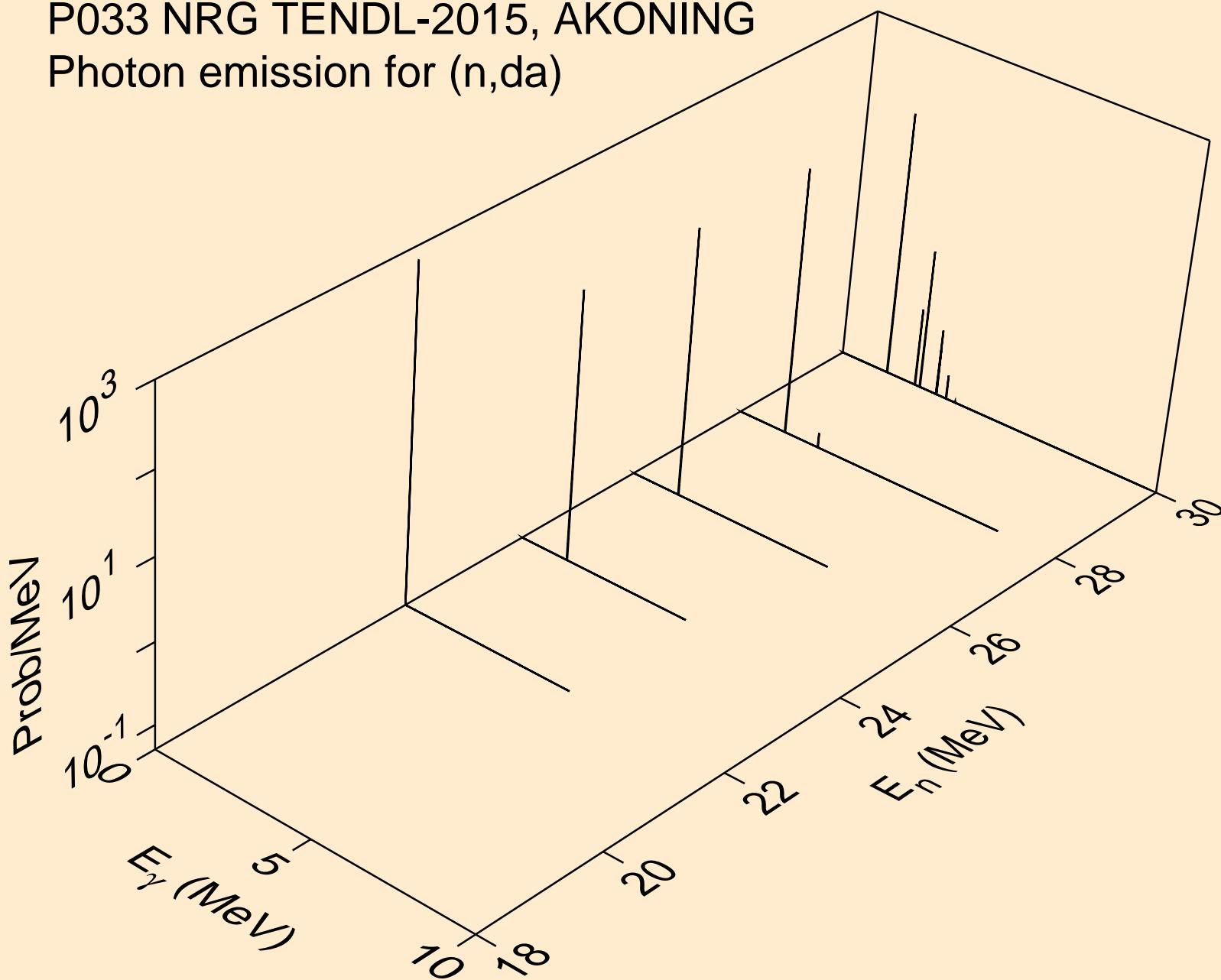
P033 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



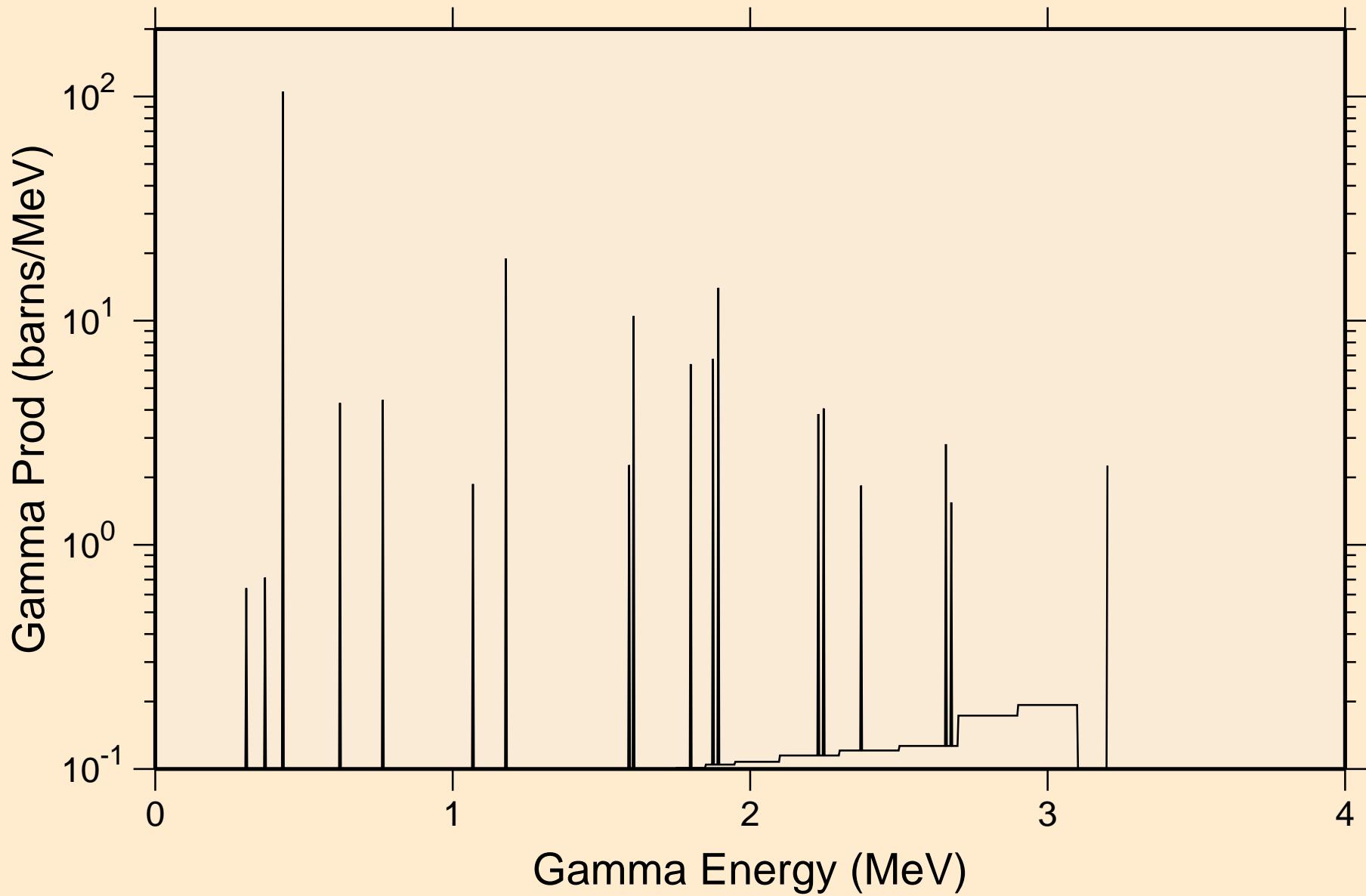
P033 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



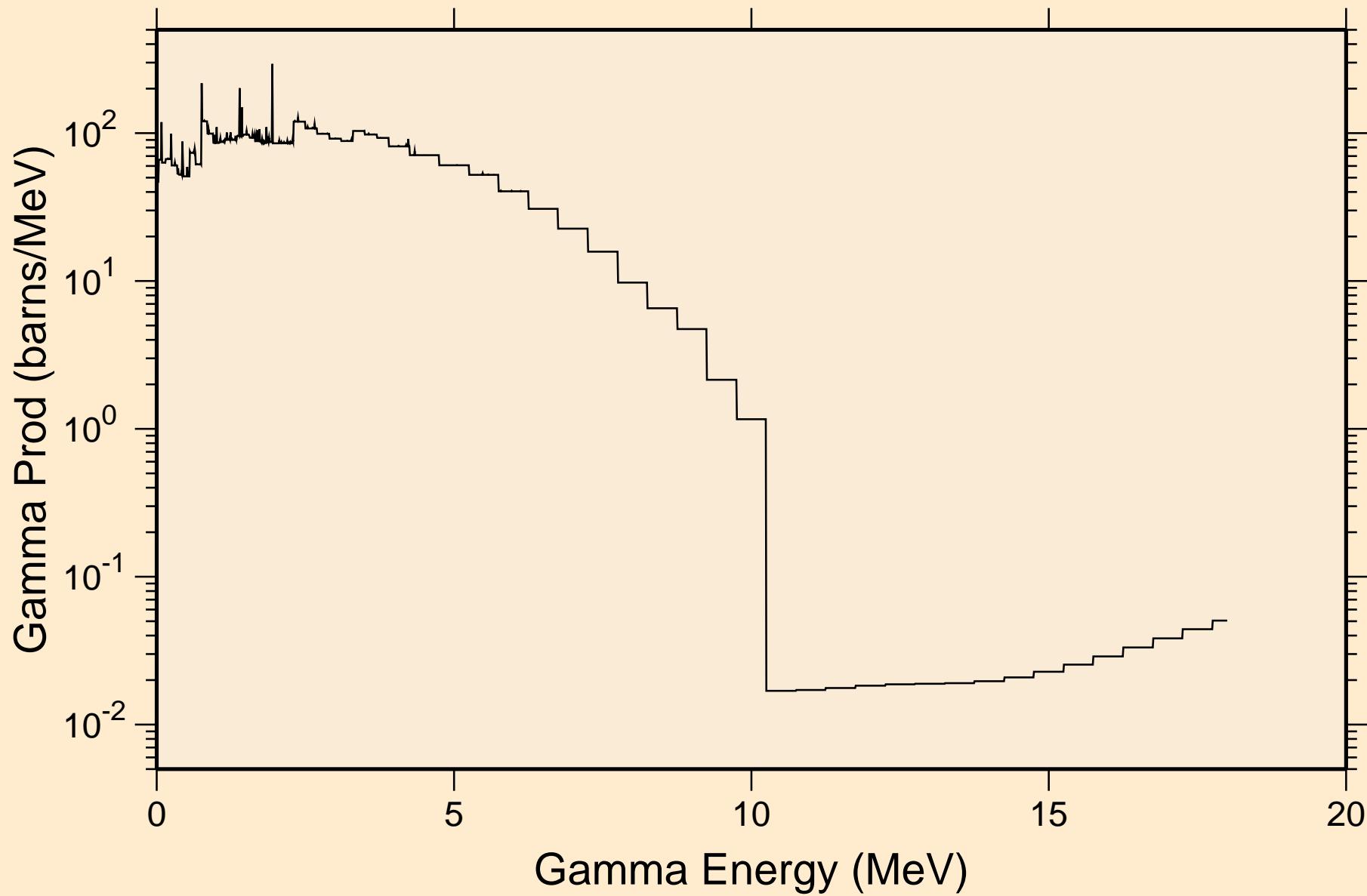
P033 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



P033 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

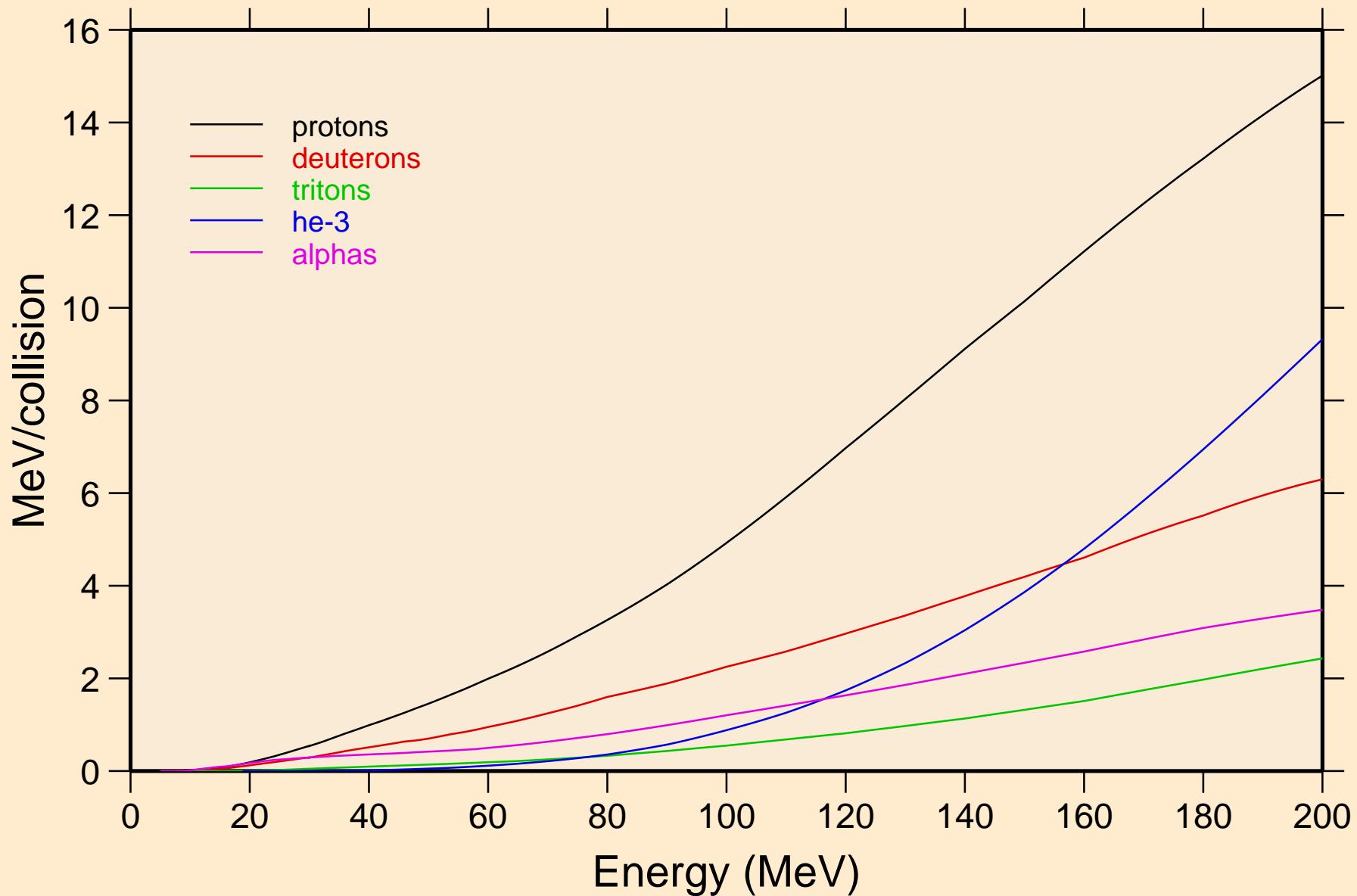


P033 NRG TENDL-2015, AKONING  
14 MeV photon spectrum

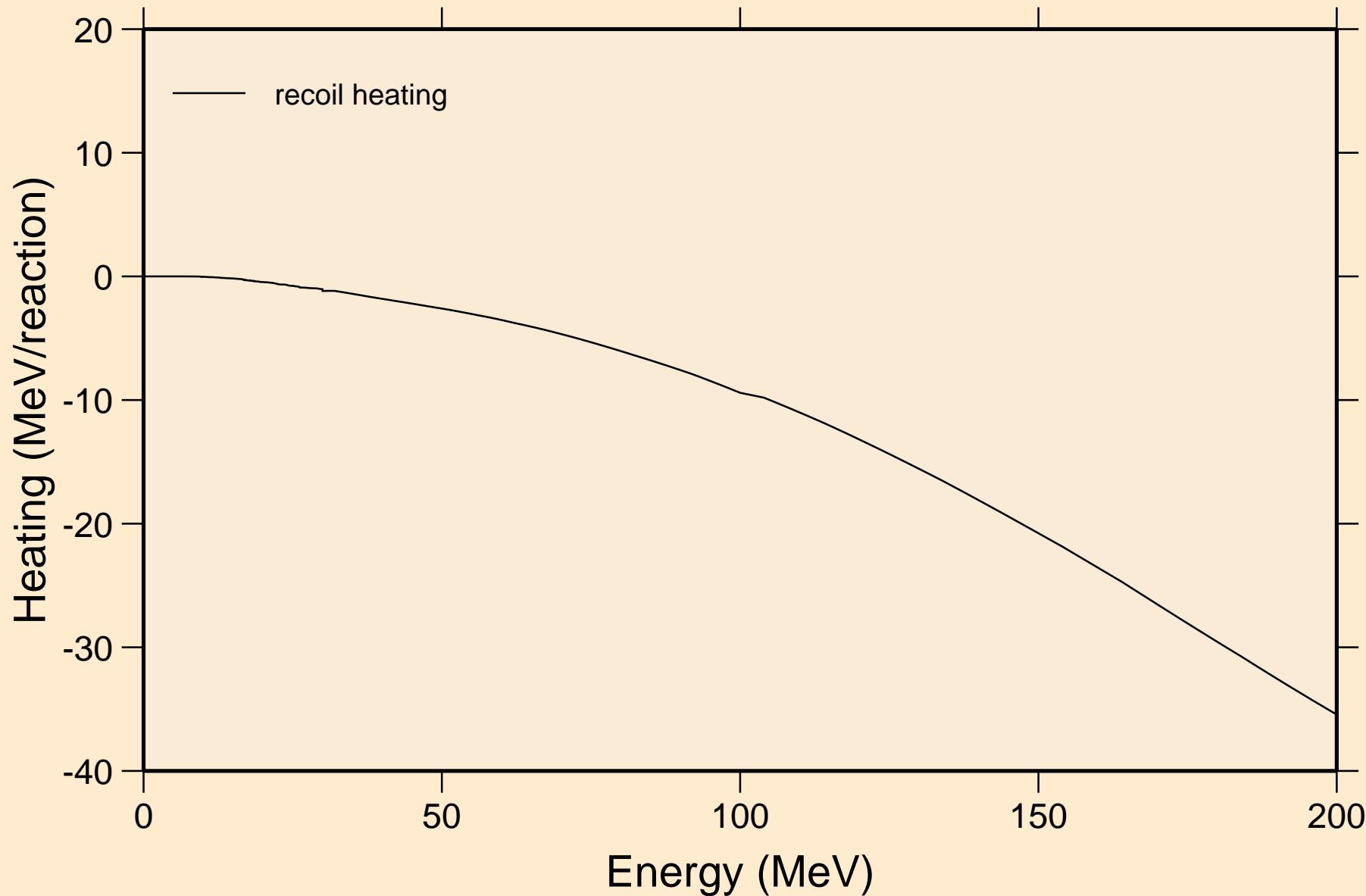


# P033 NRG TENDL-2015, AKONING

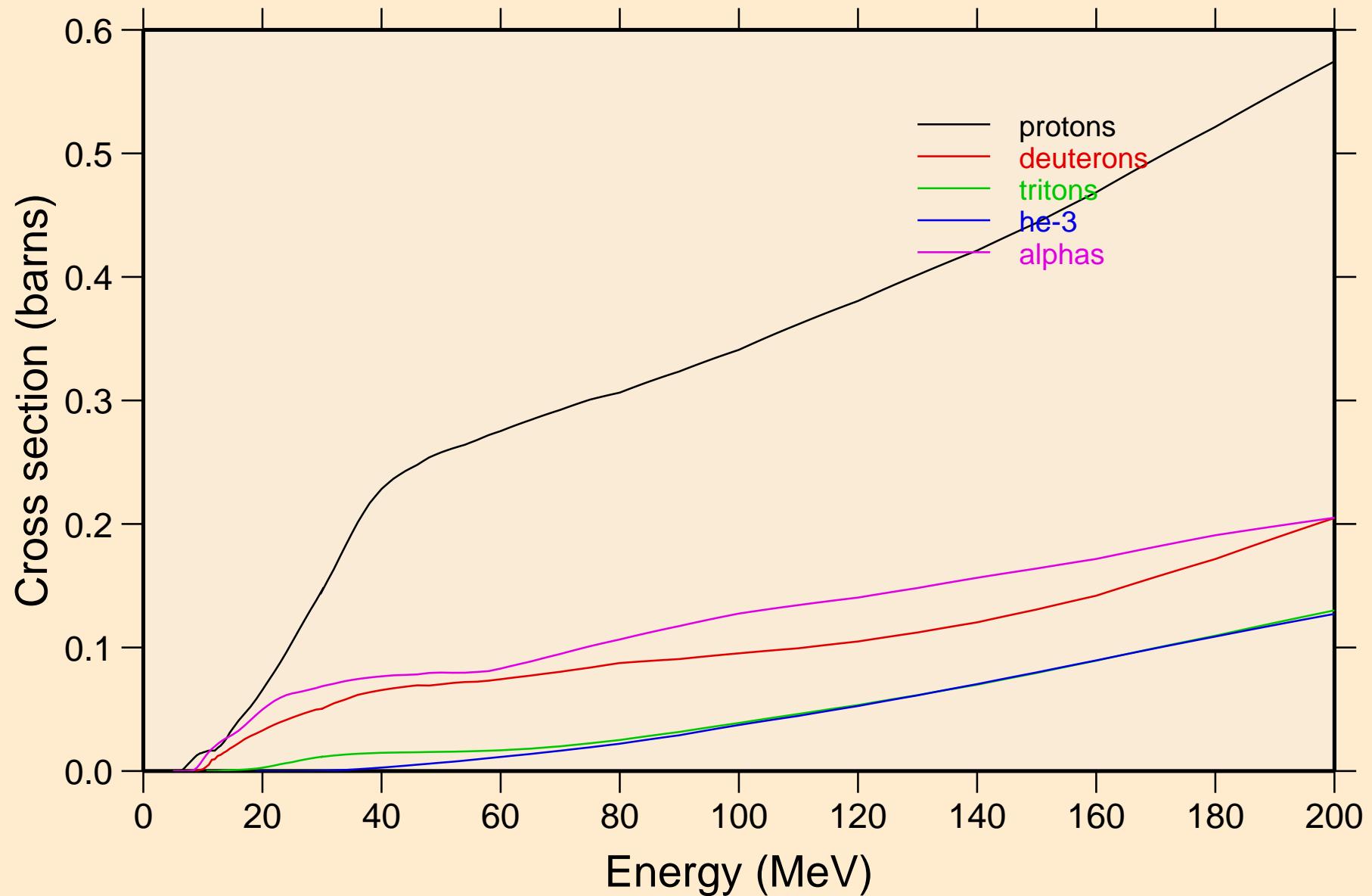
## Particle heating contributions



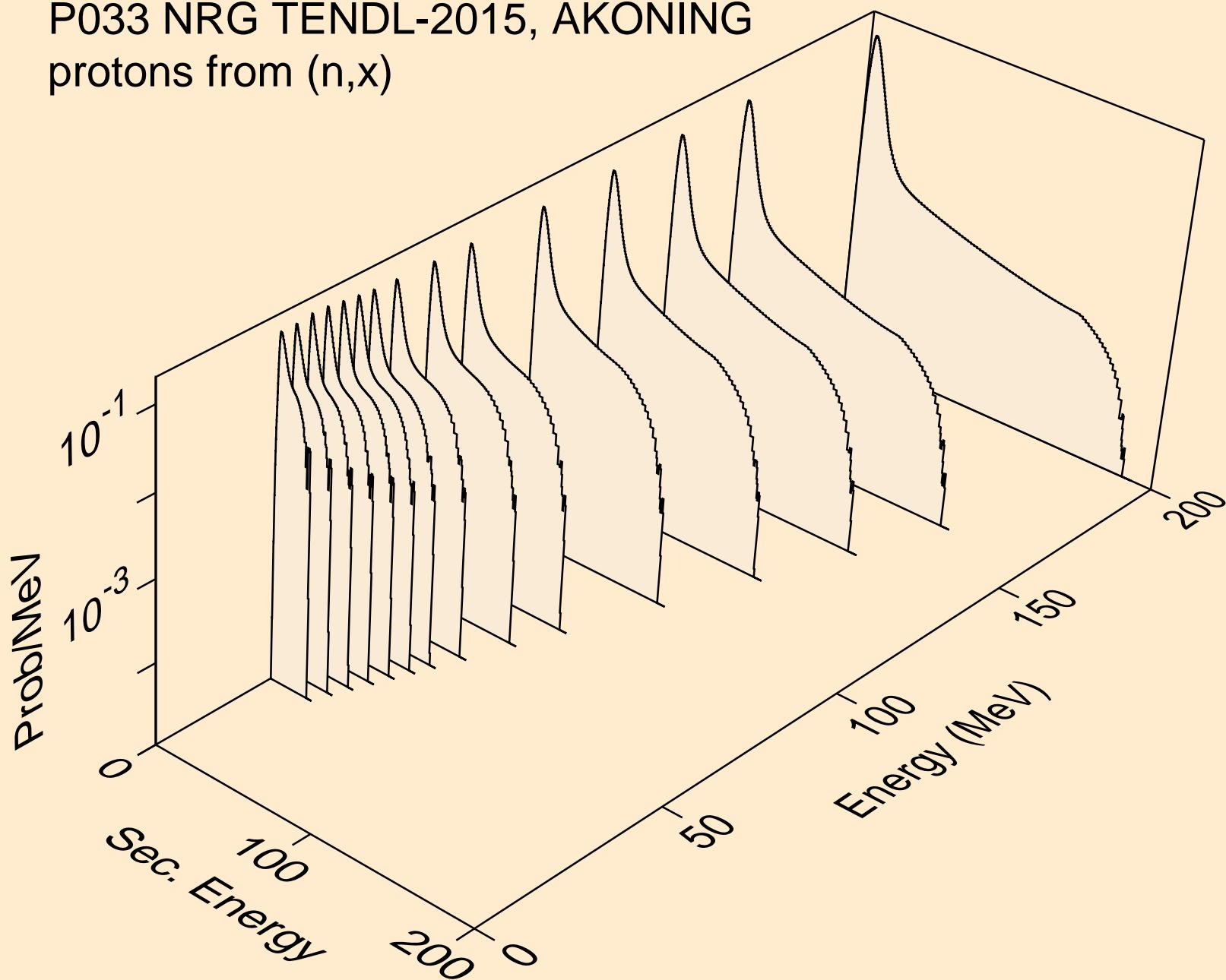
P033 NRG TENDL-2015, AKONING  
Recoil Heating



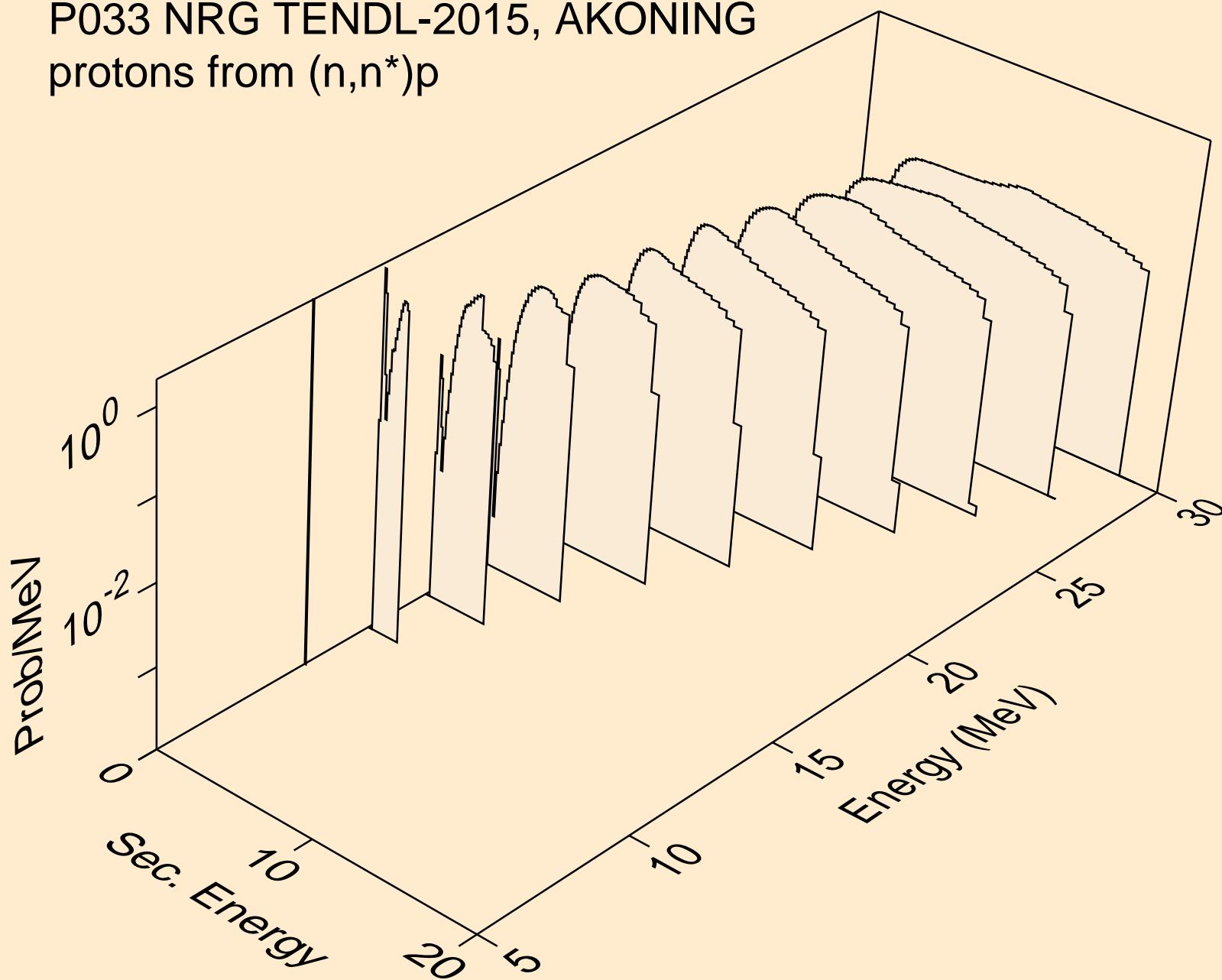
P033 NRG TENDL-2015, AKONING  
Particle production cross sections



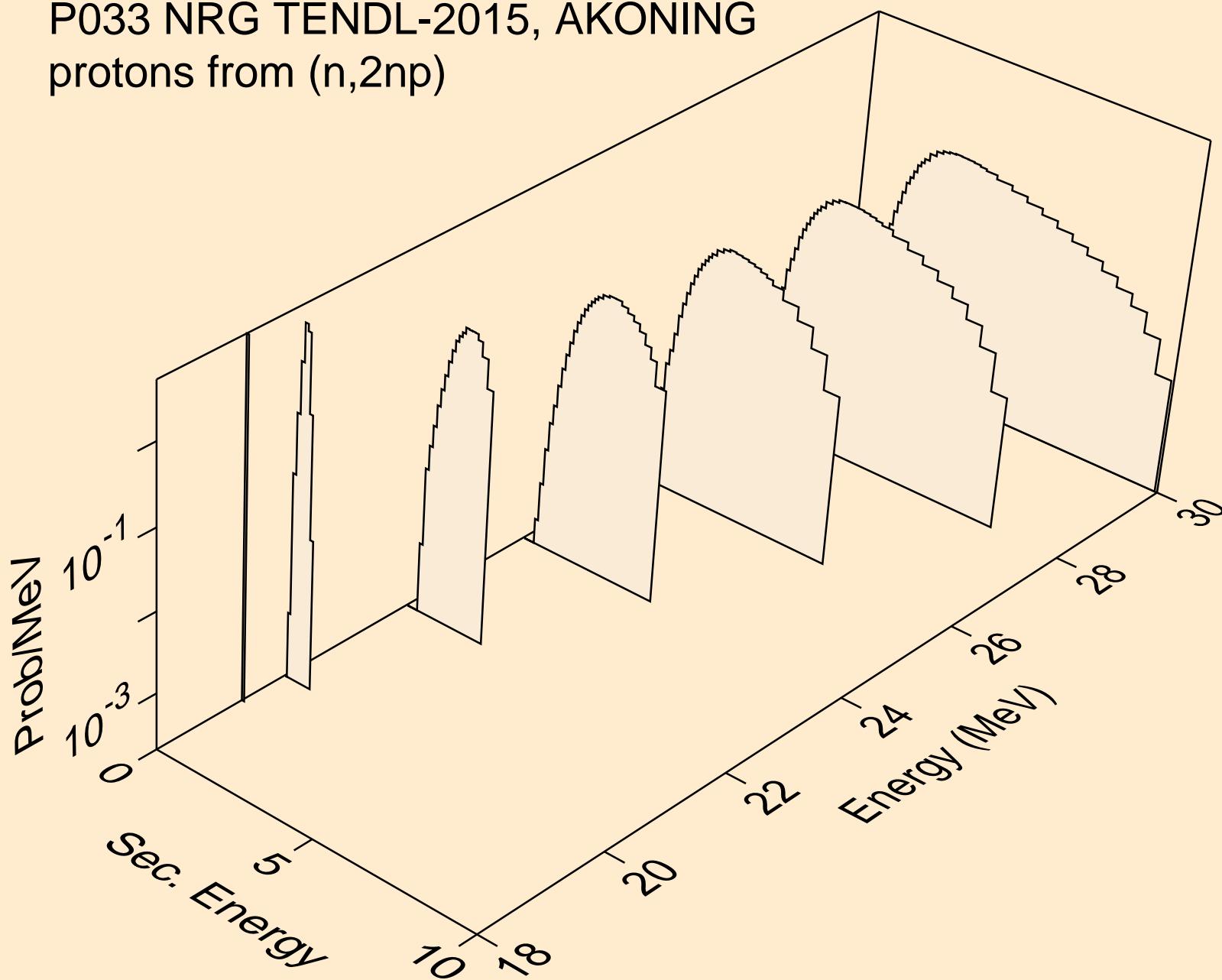
P033 NRG TENDL-2015, AKONING  
protons from ( $n, x$ )



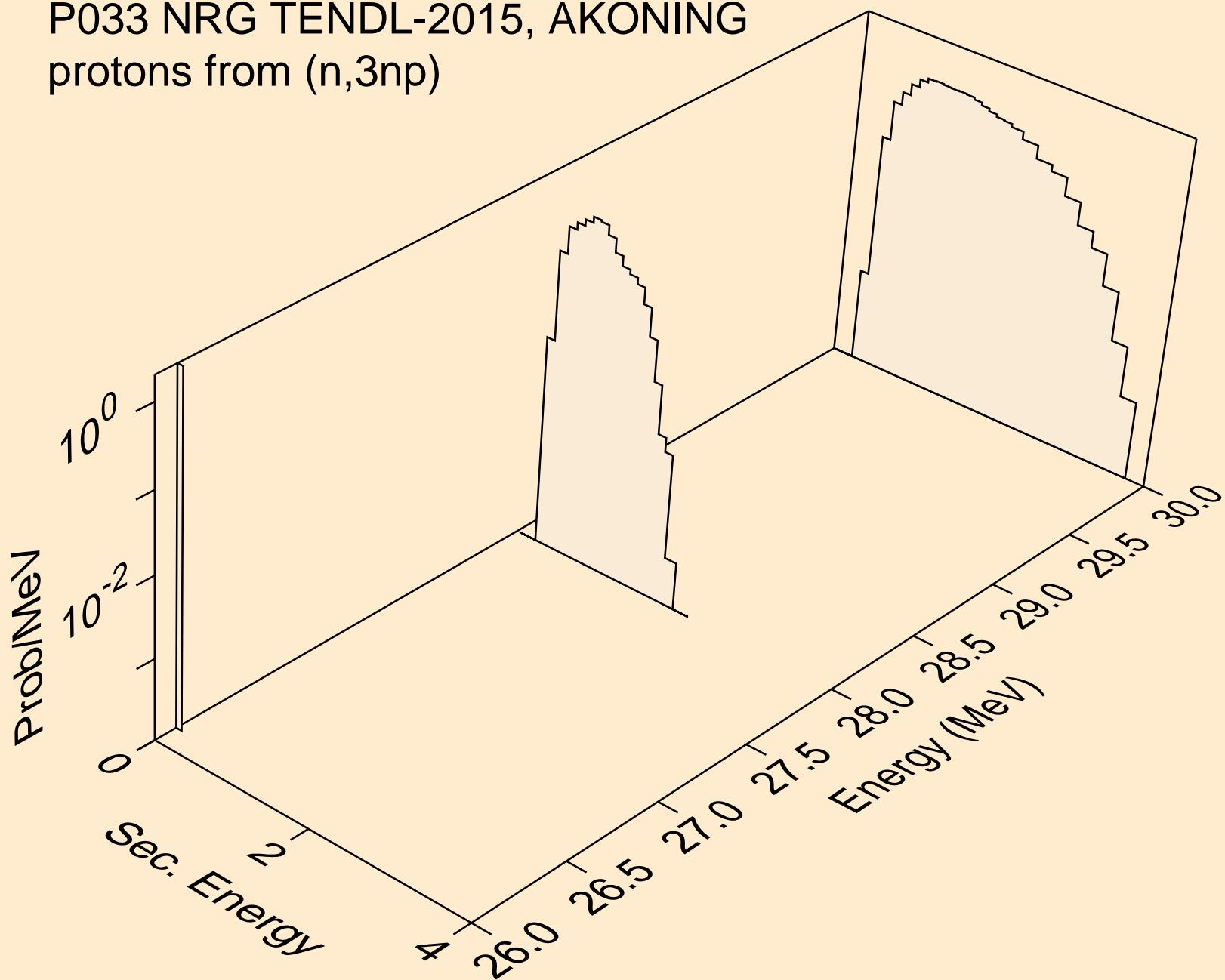
P033 NRG TENDL-2015, AKONING  
protons from  $(n,n^*)p$



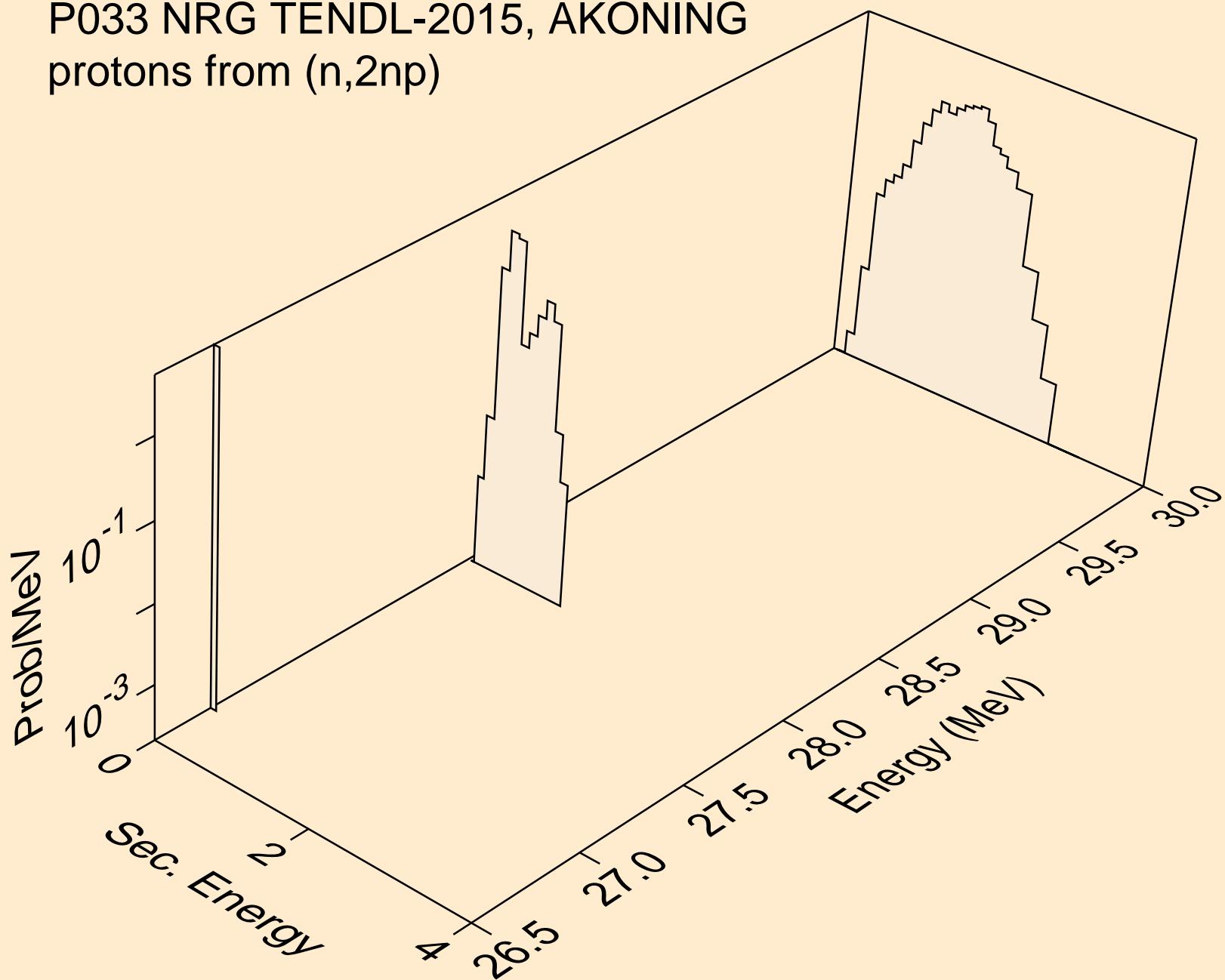
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protons from ( $n,2np$ )



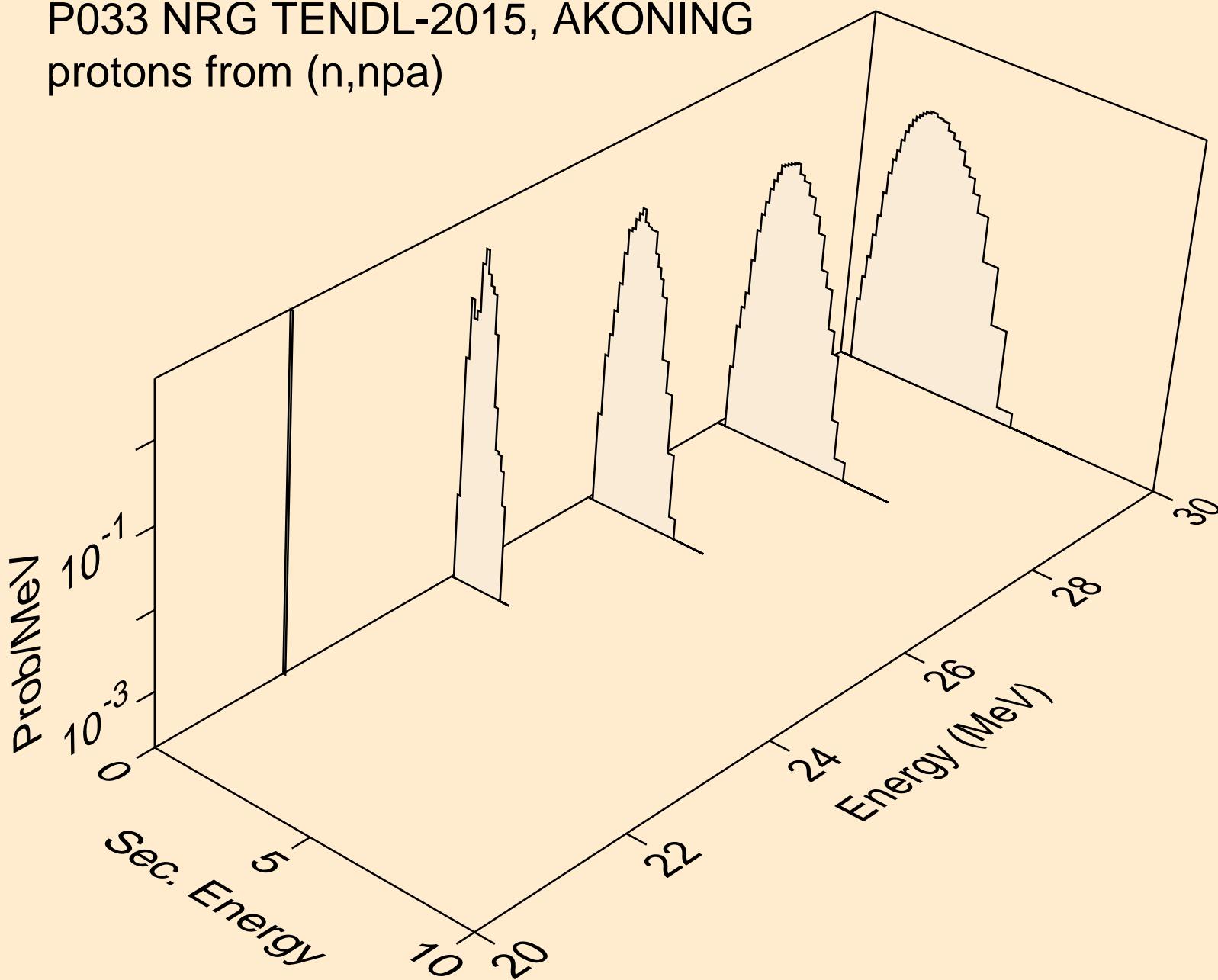
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protons from ( $n,3np$ )



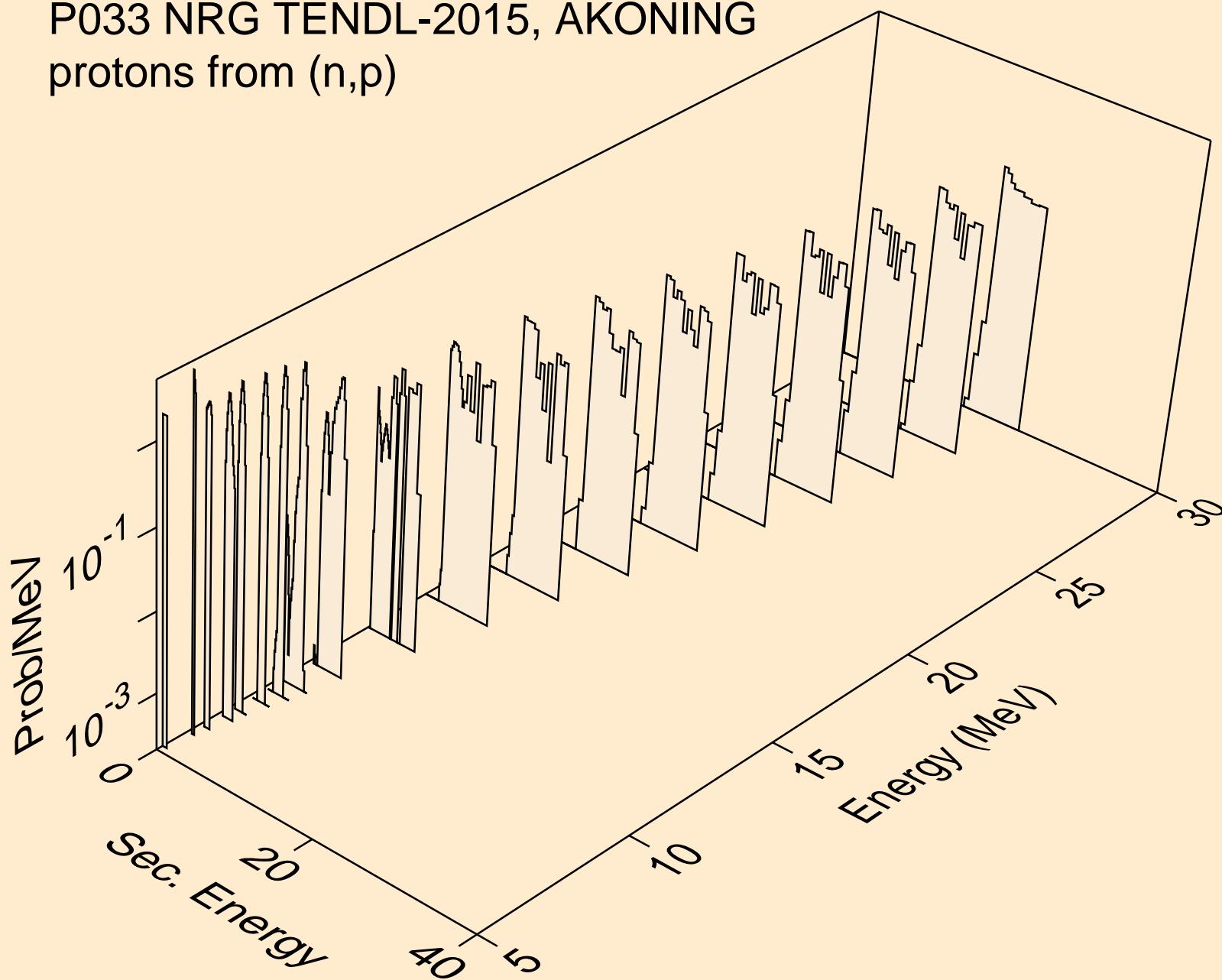
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protons from ( $n,2np$ )



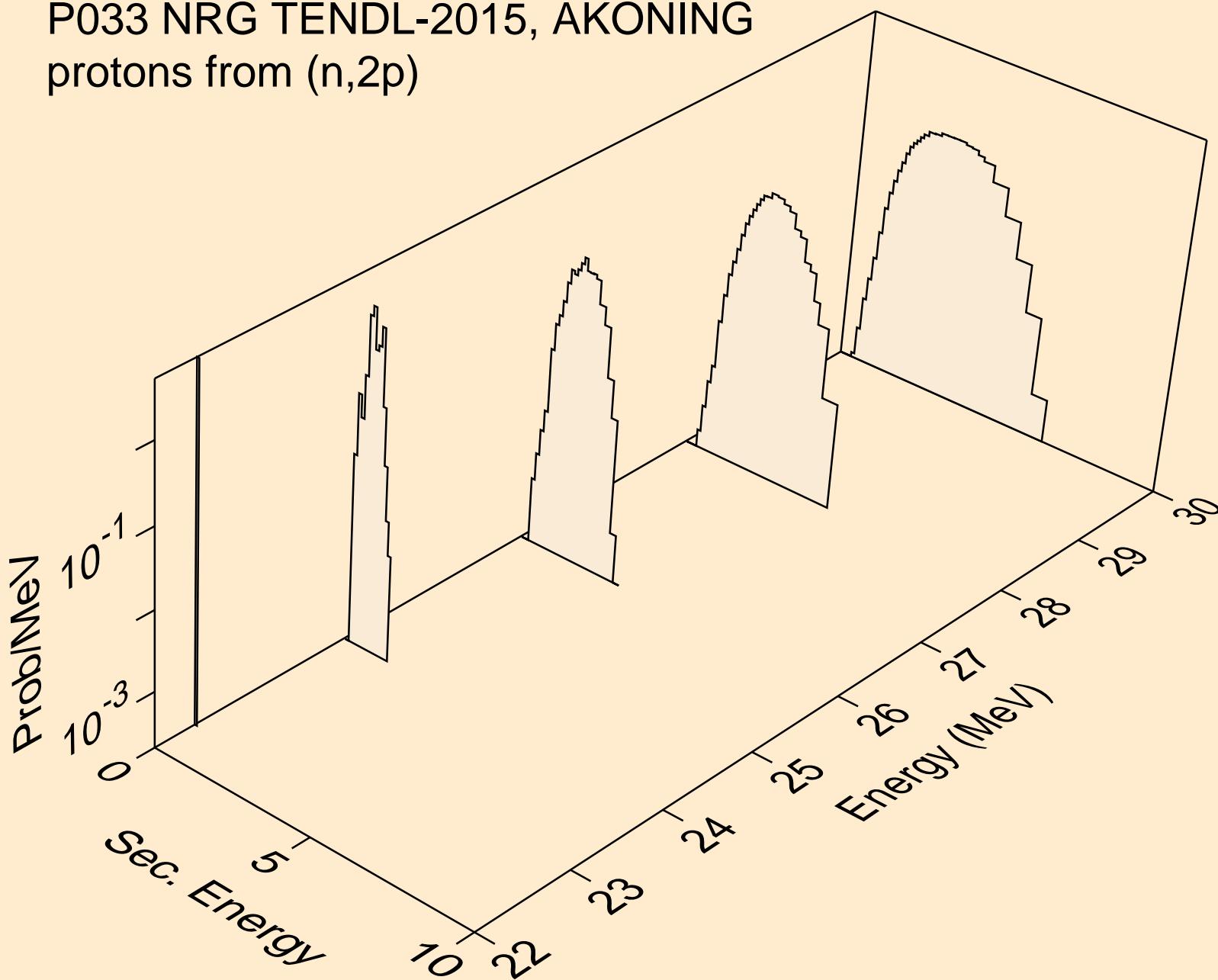
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protons from (n,npa)



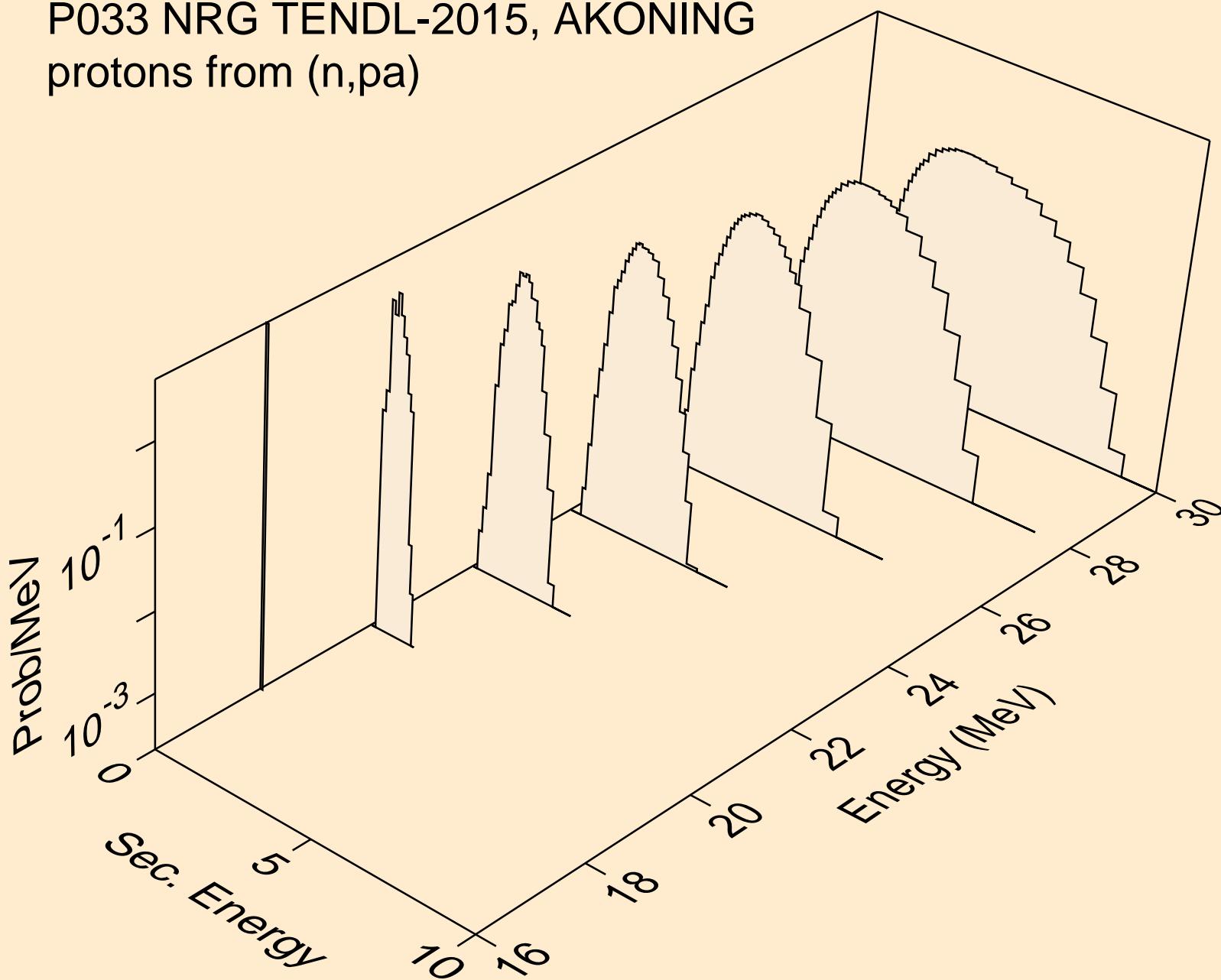
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protons from (n,p)



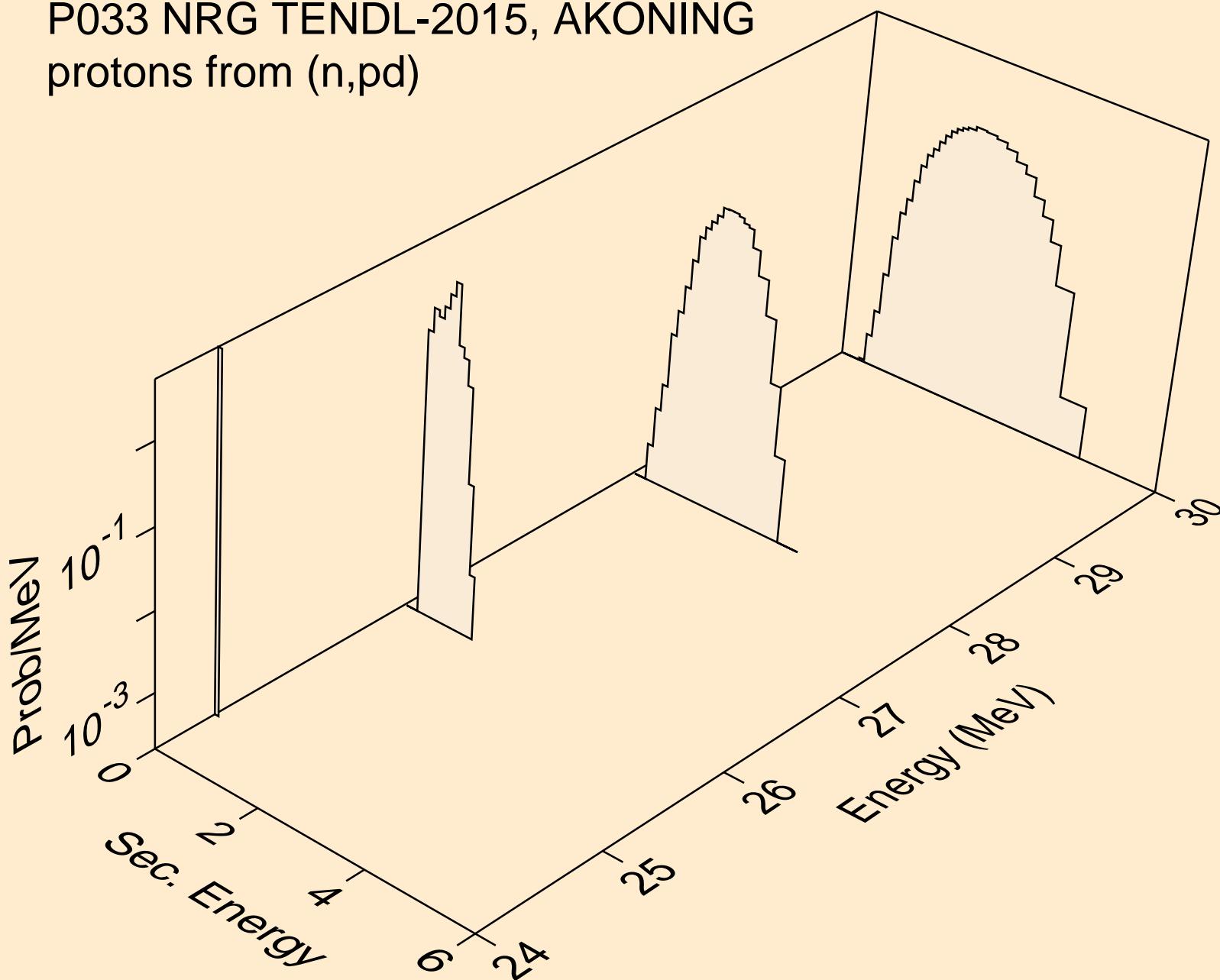
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protons from ( $n,2p$ )



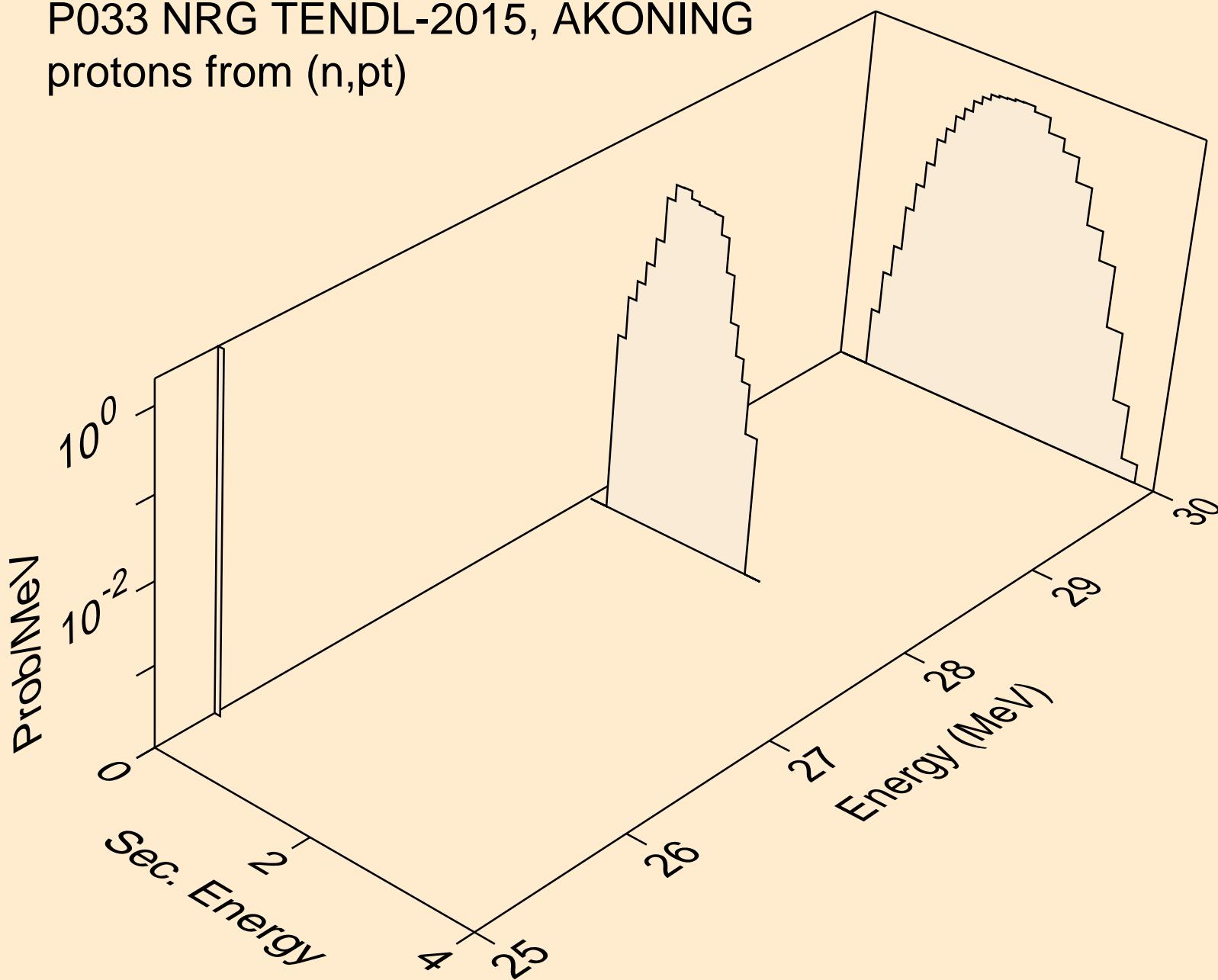
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protons from (n,pa)



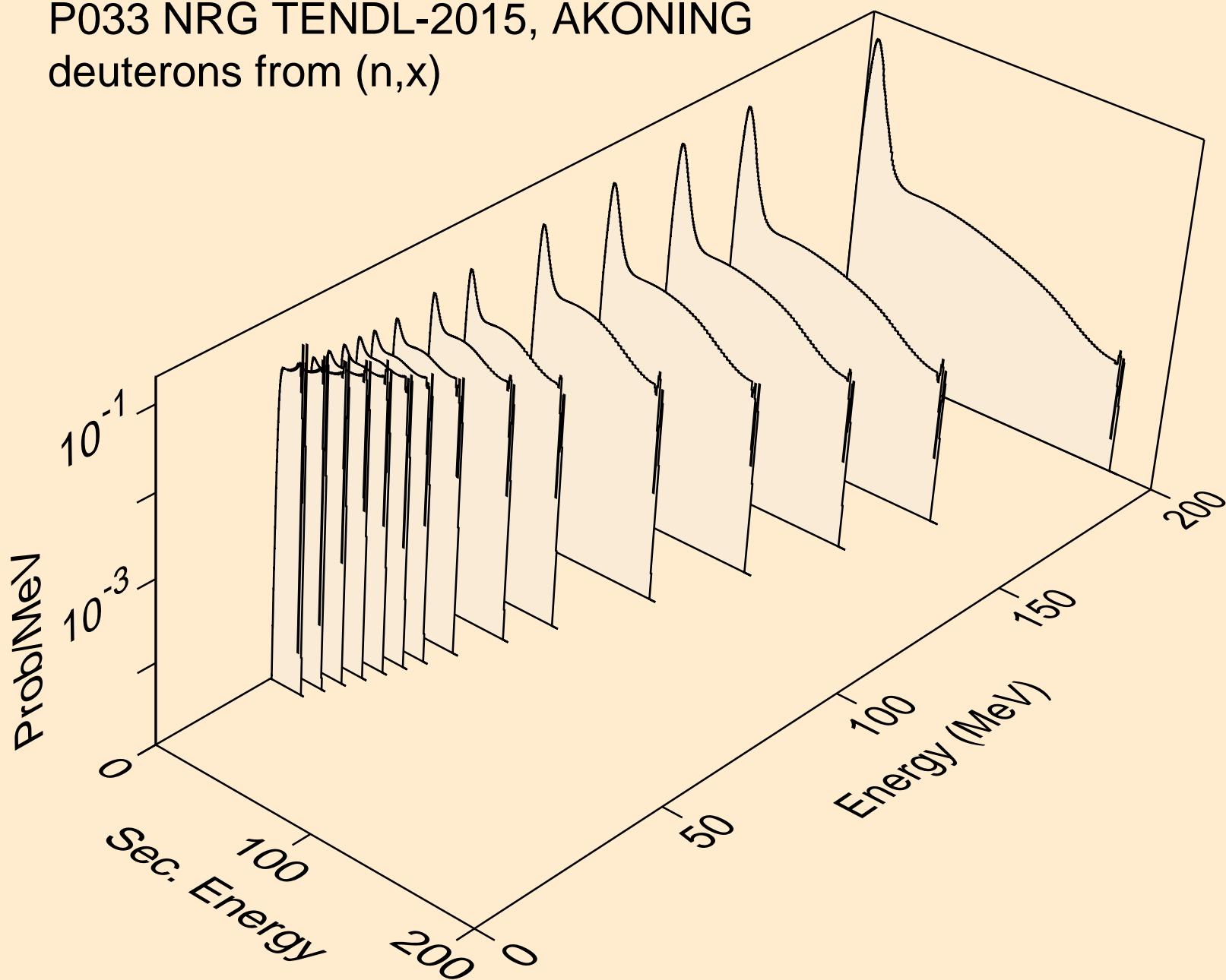
P033 NRG TENDL-2015, AKONING  
protons from (n,pd)



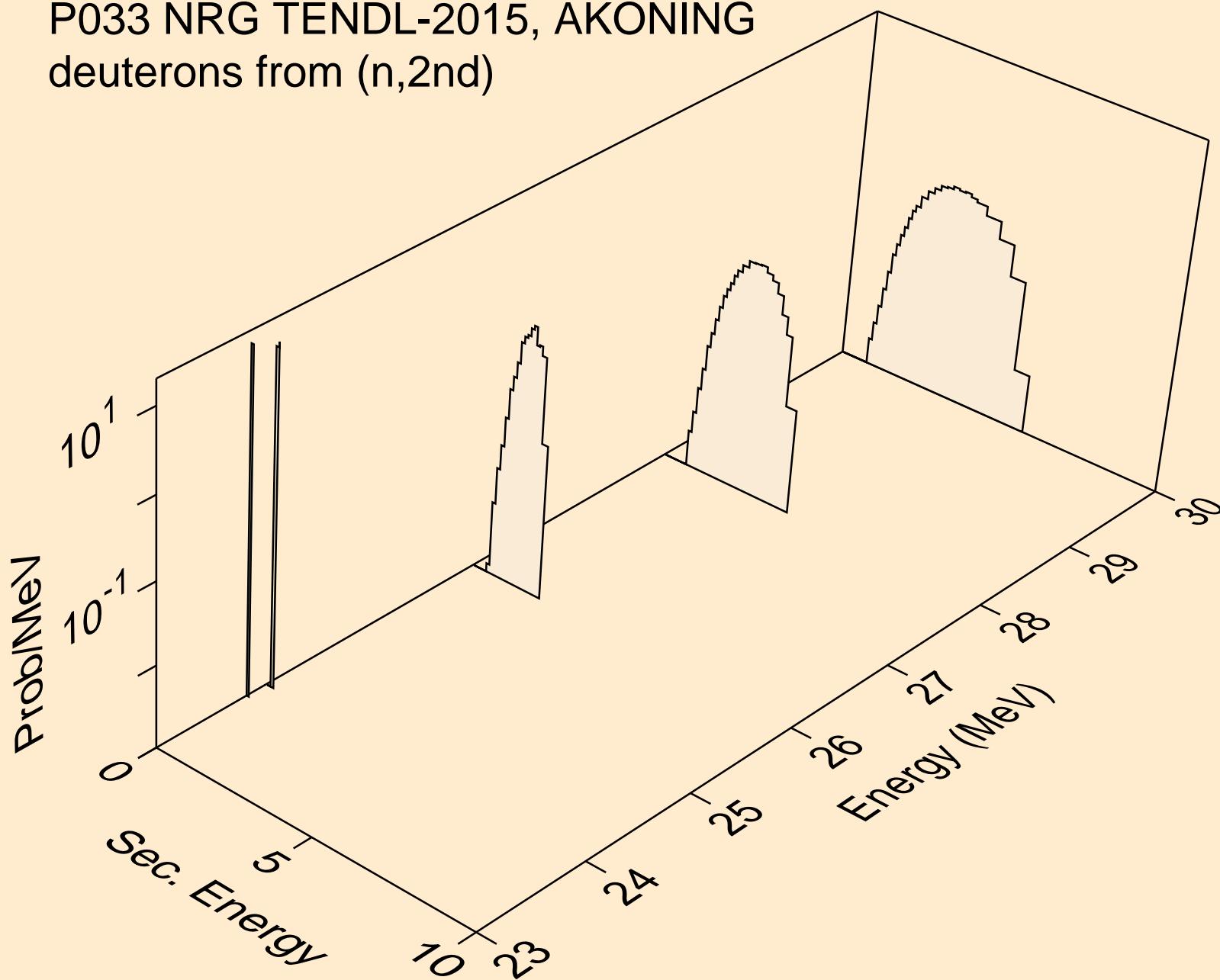
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protons from (n,pt)



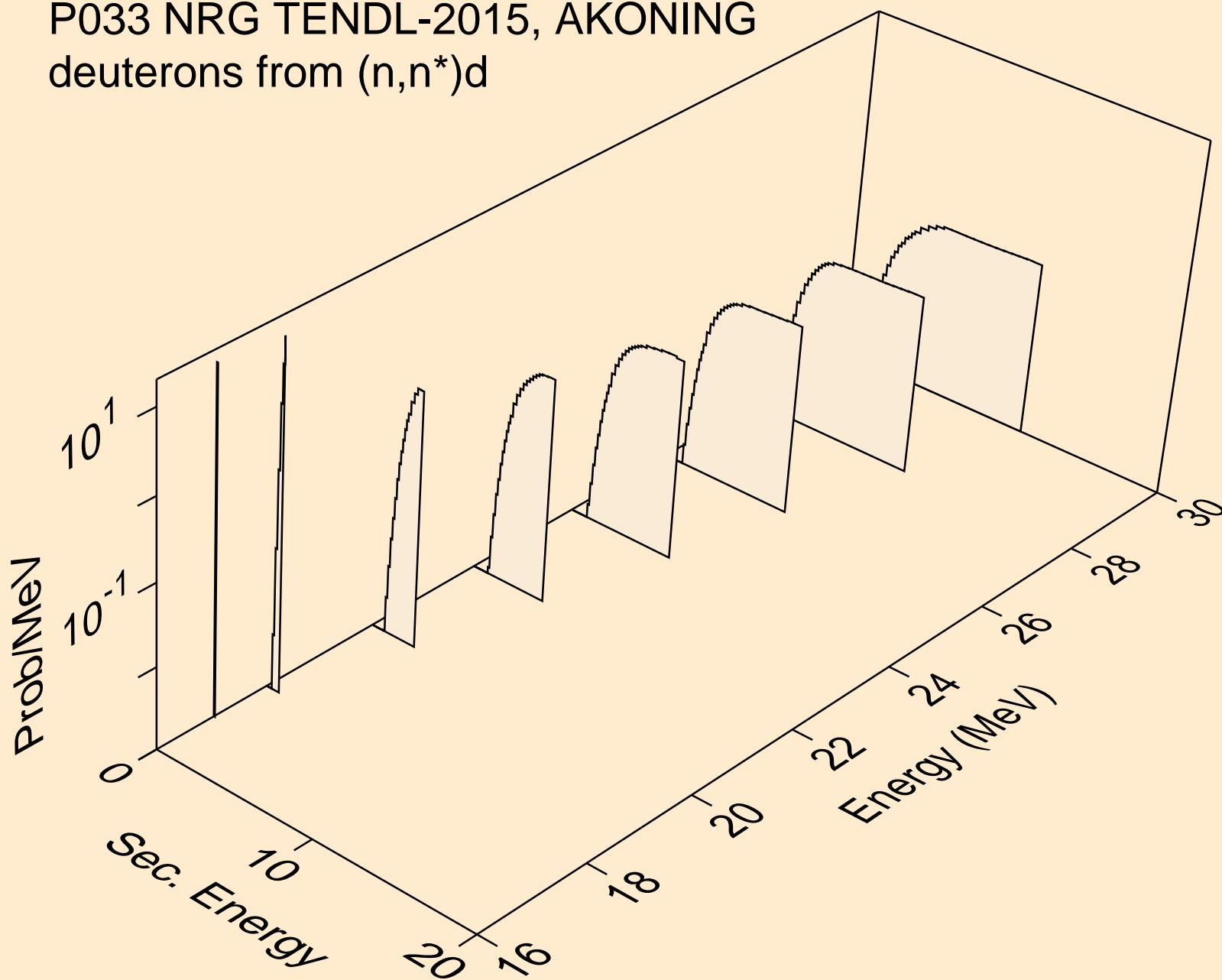
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deuterons from ( $n, x$ )



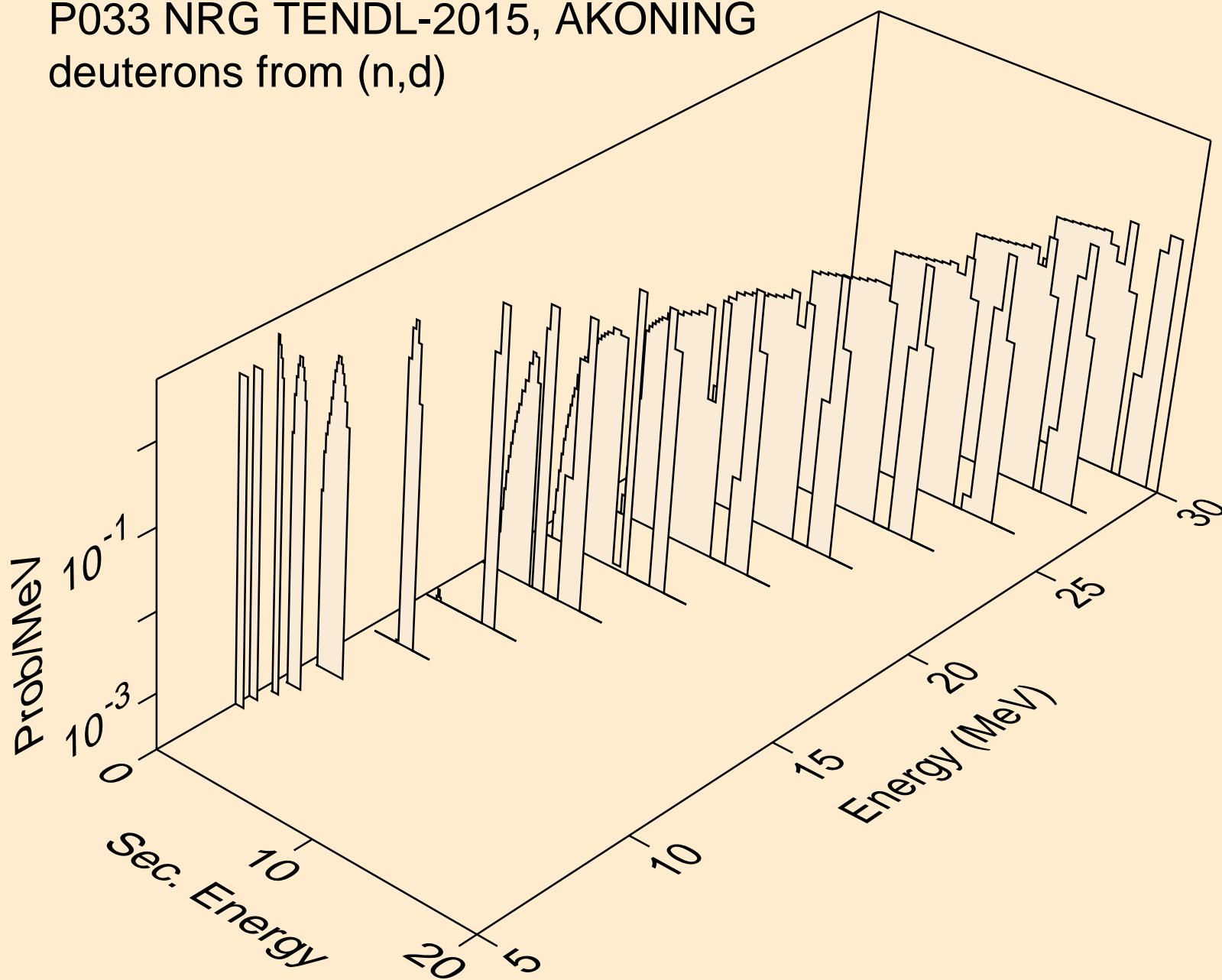
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deuterons from ( $n,2nd$ )



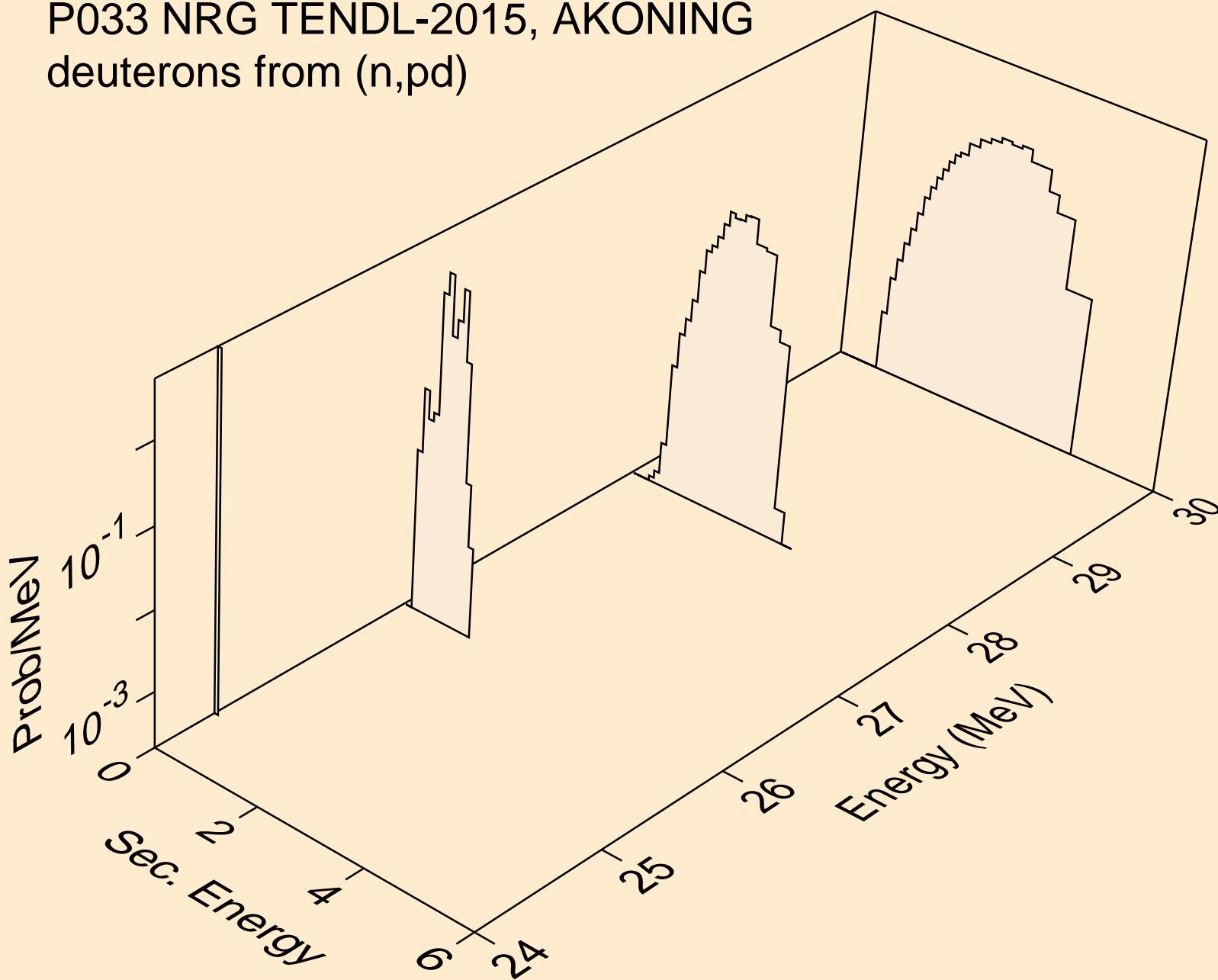
P033 NRG TENDL-2015, AKONING  
deuterons from  $(n,n^*)d$



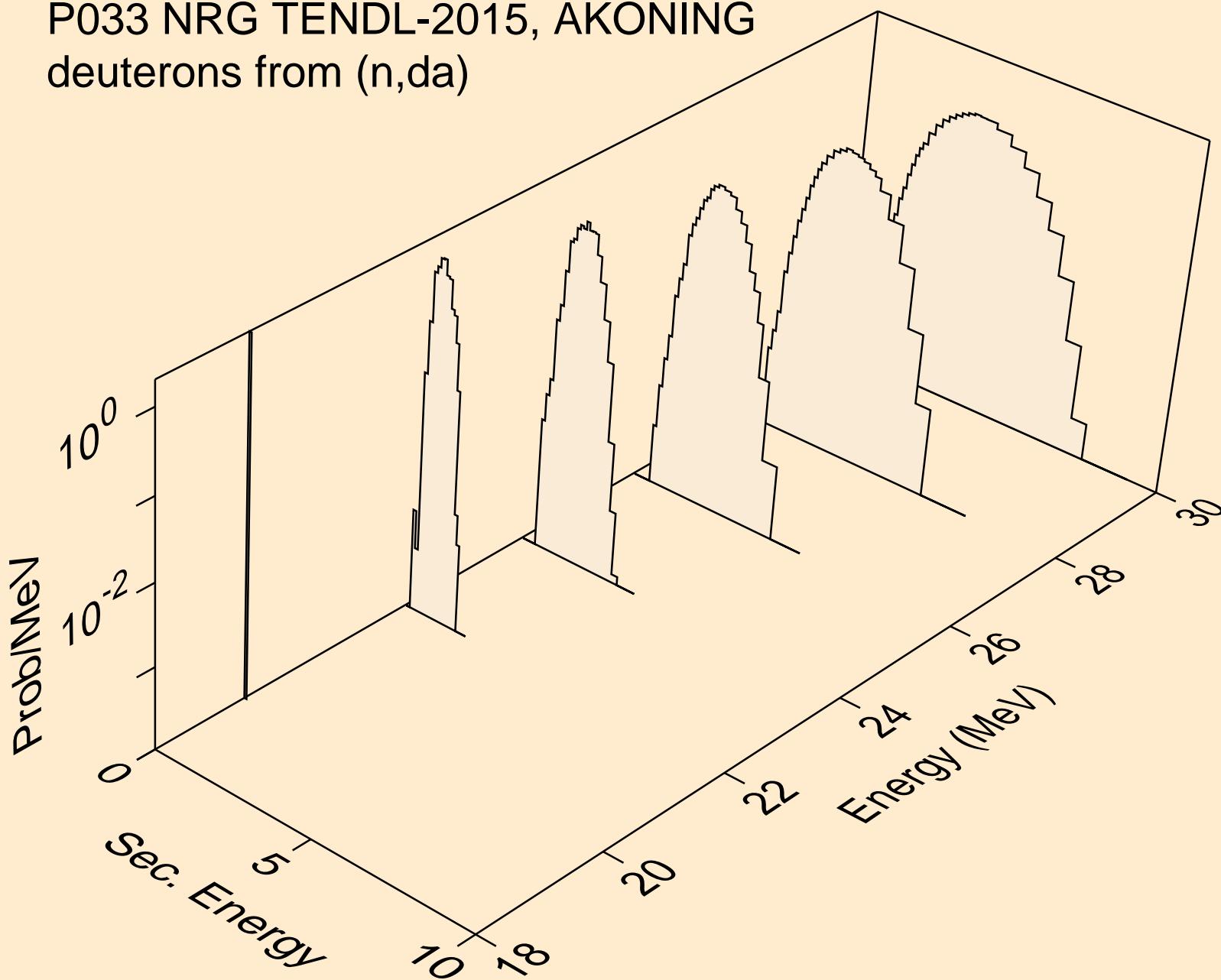
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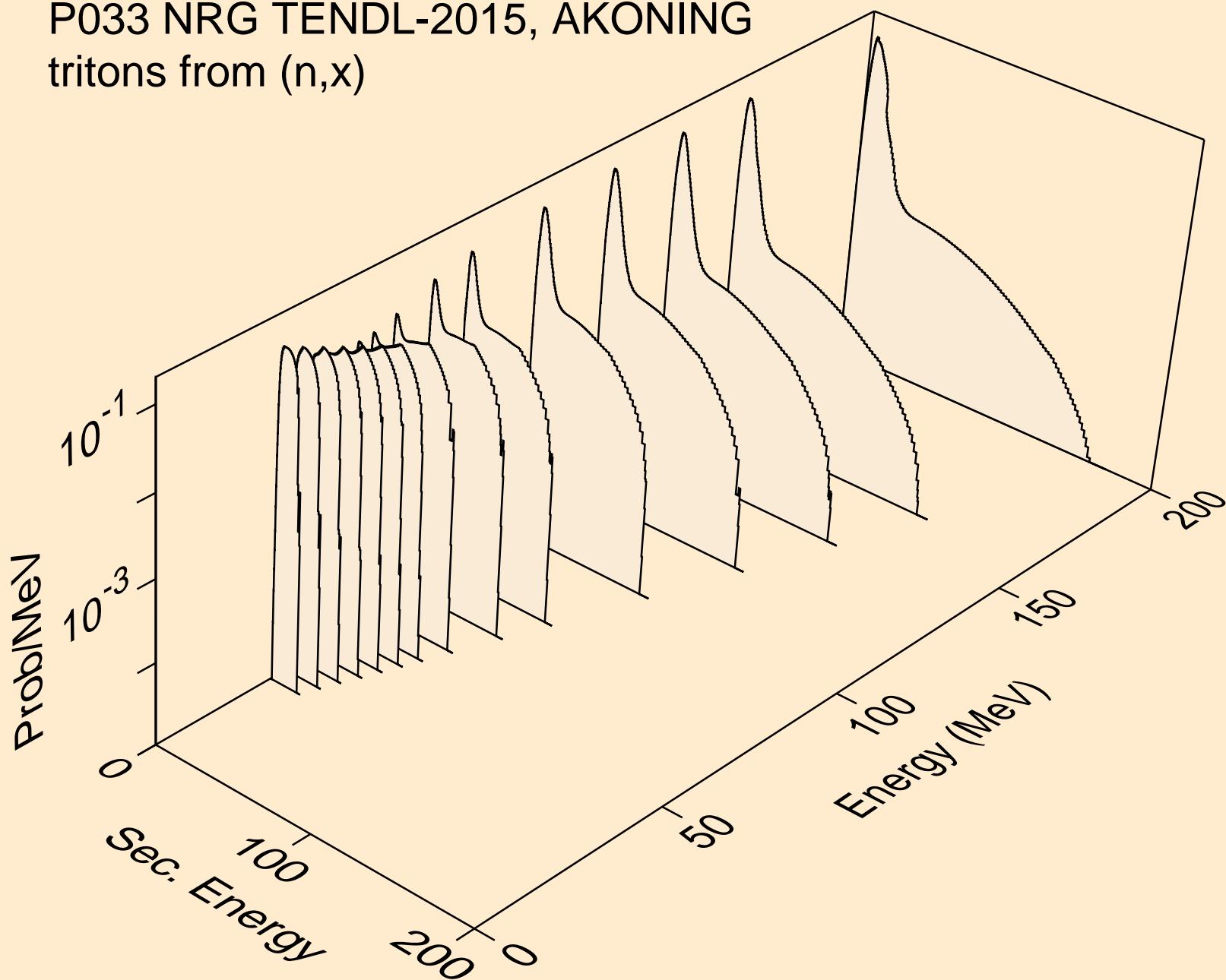
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deuterons from (n,pd)



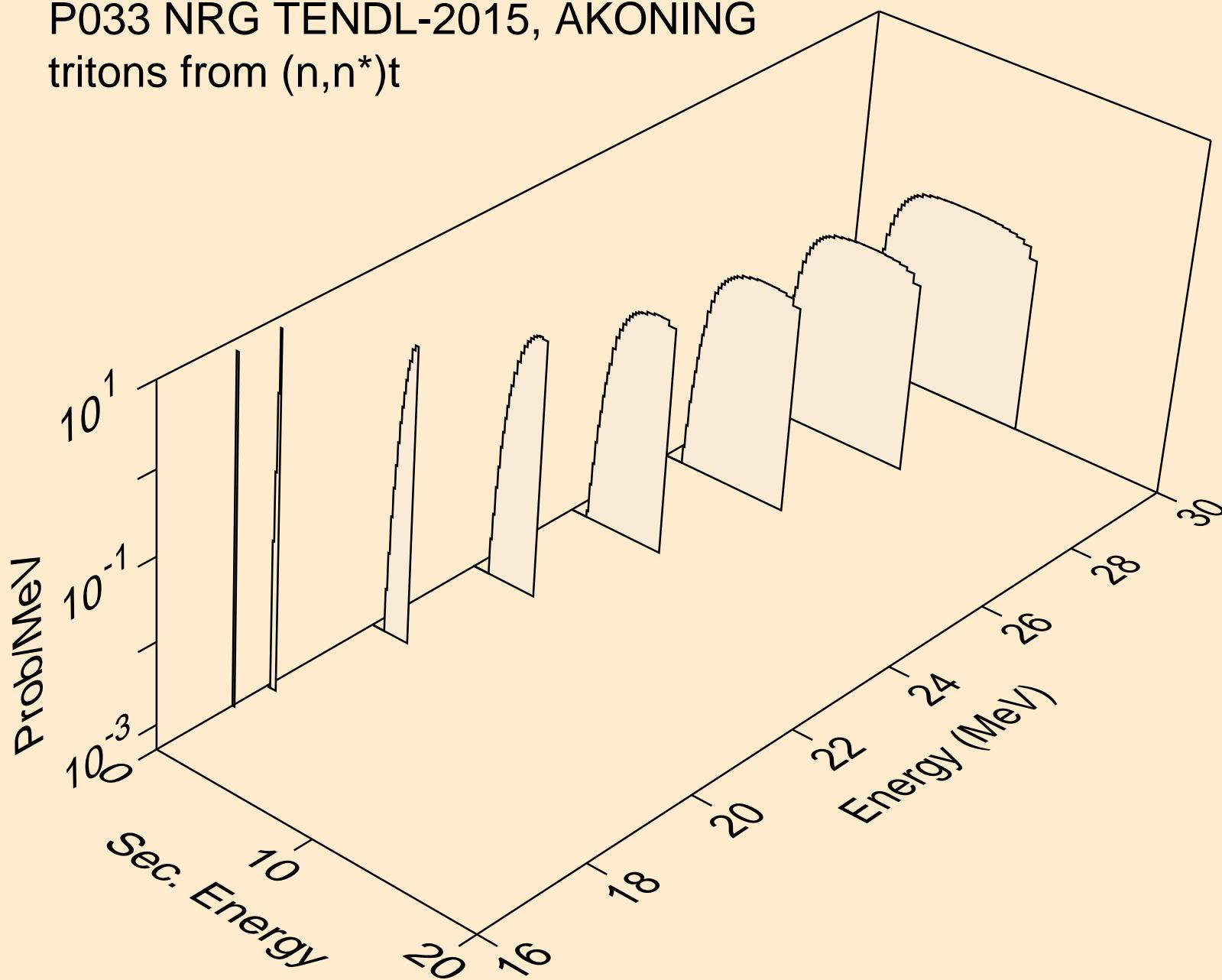
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deuterons from (n,da)



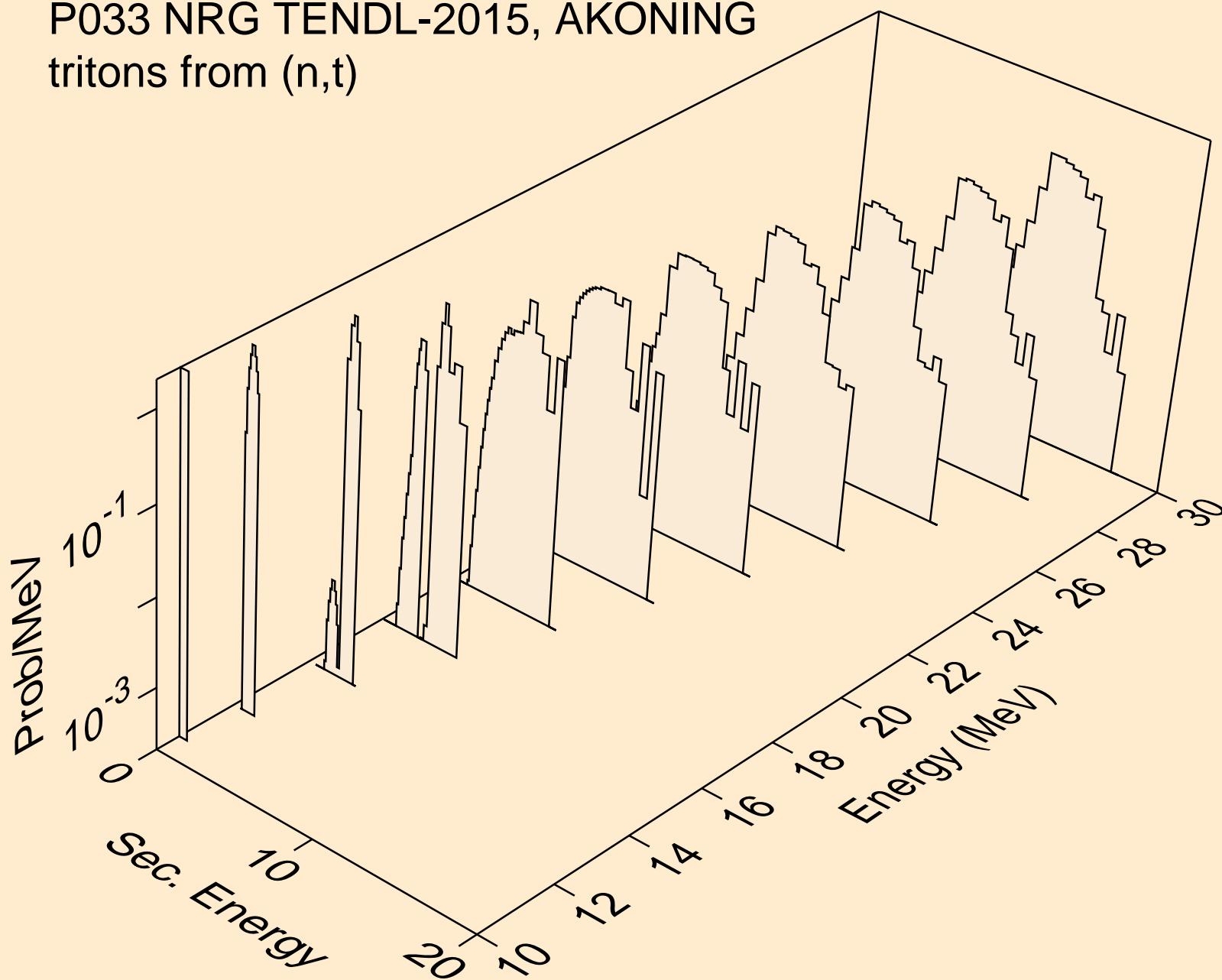
P033 NRG TENDL-2015, AKONING  
tritons from ( $n,x$ )



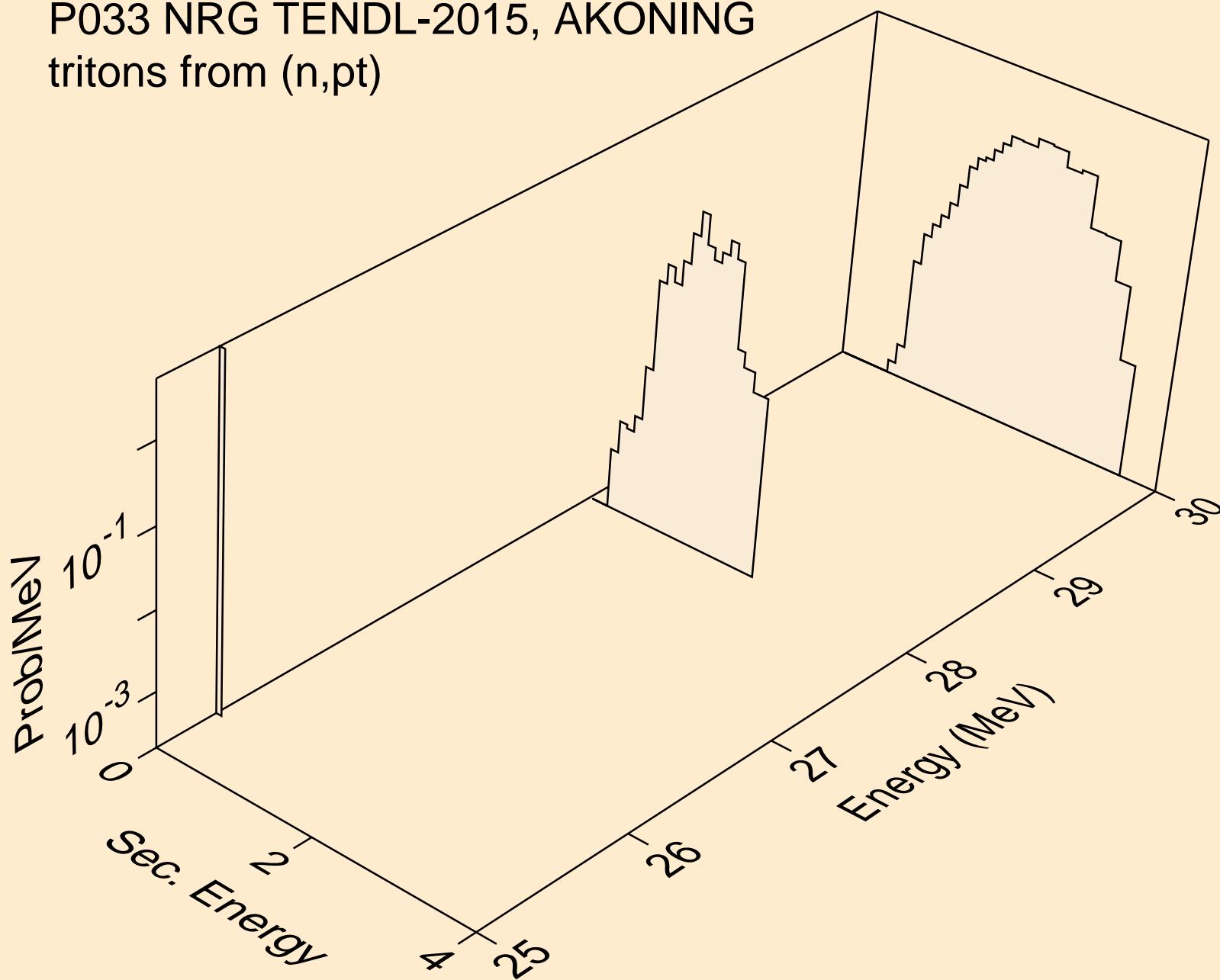
P033 NRG TENDL-2015, AKONING  
tritons from  $(n,n^*)t$



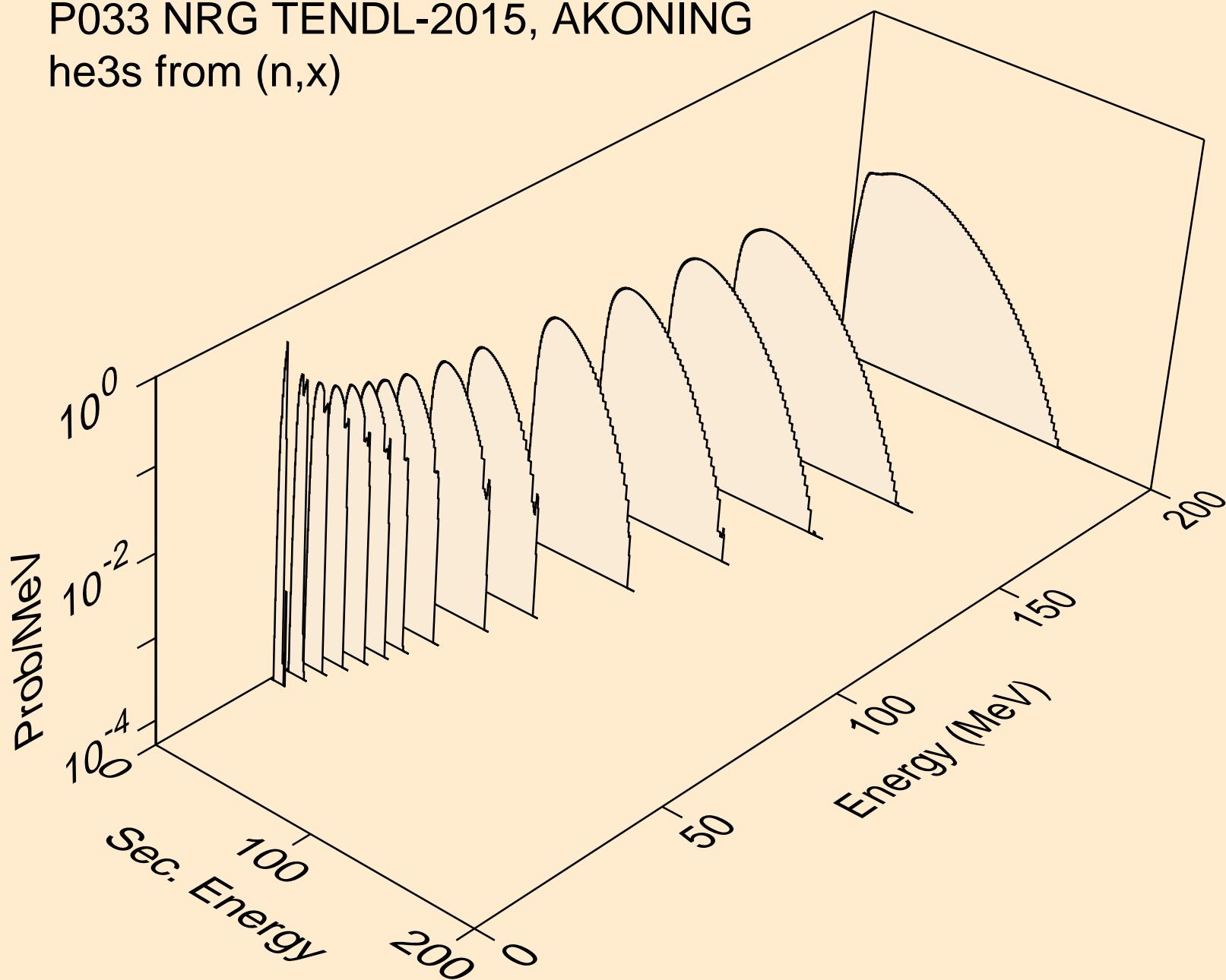
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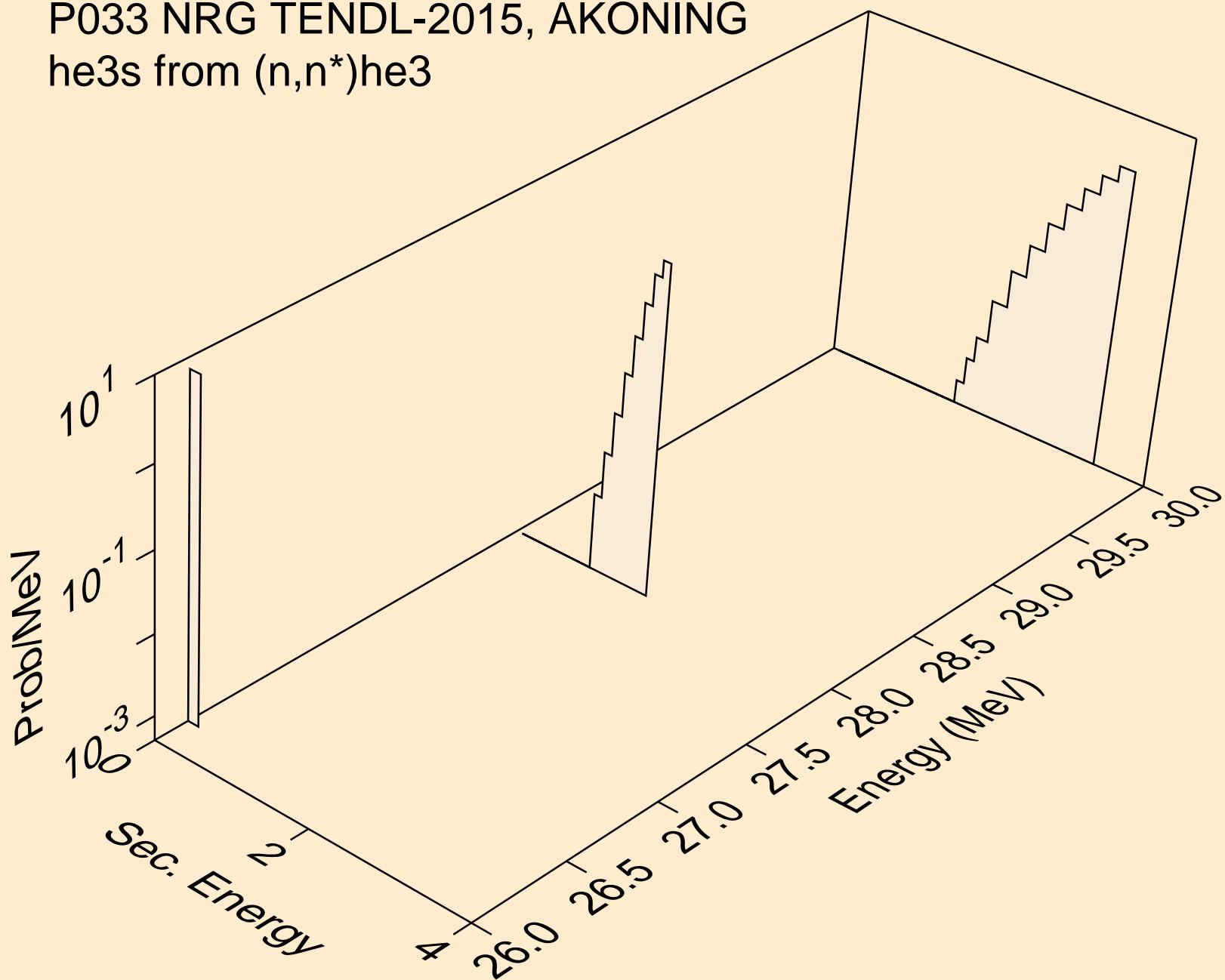
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tritons from (n,pt)



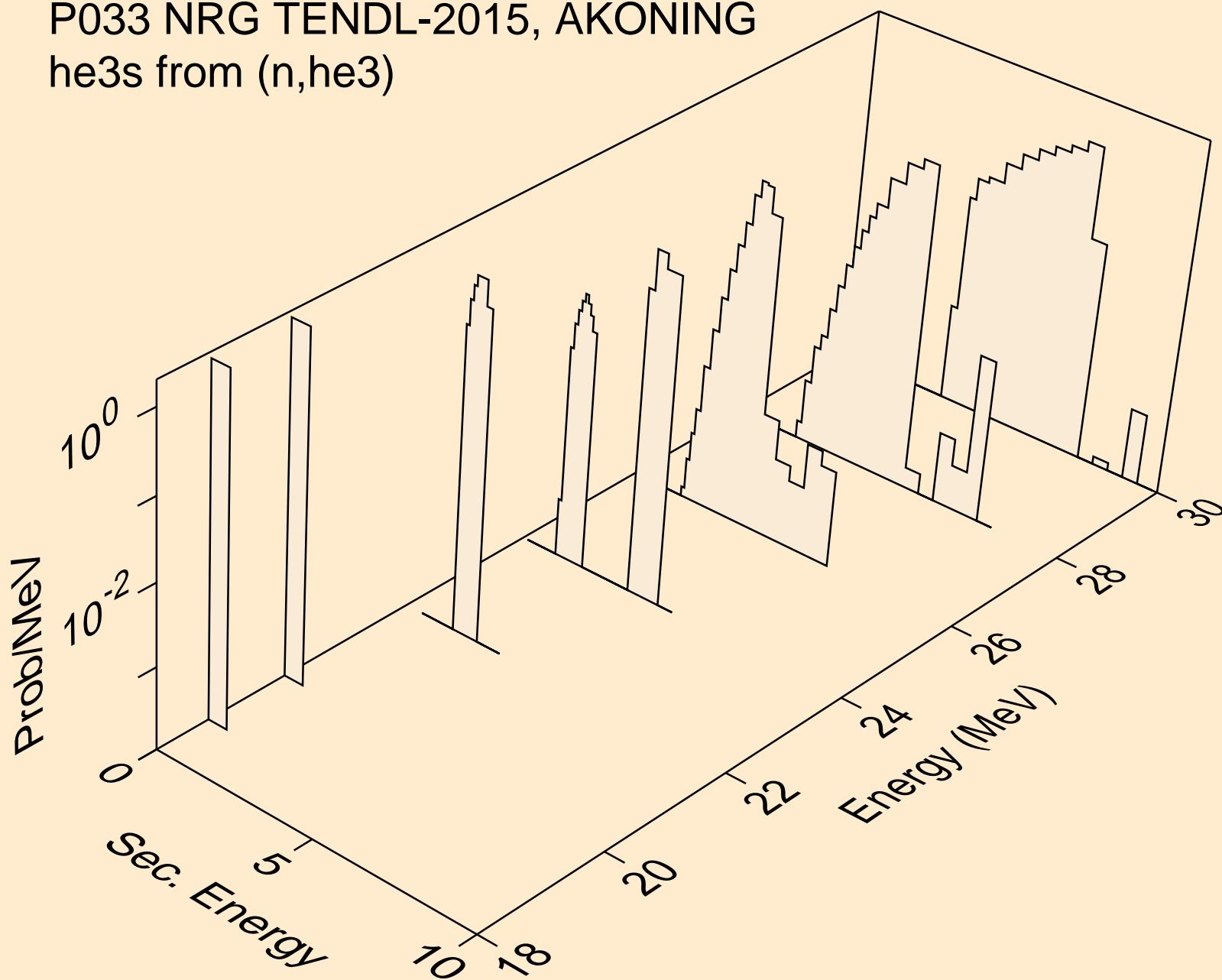
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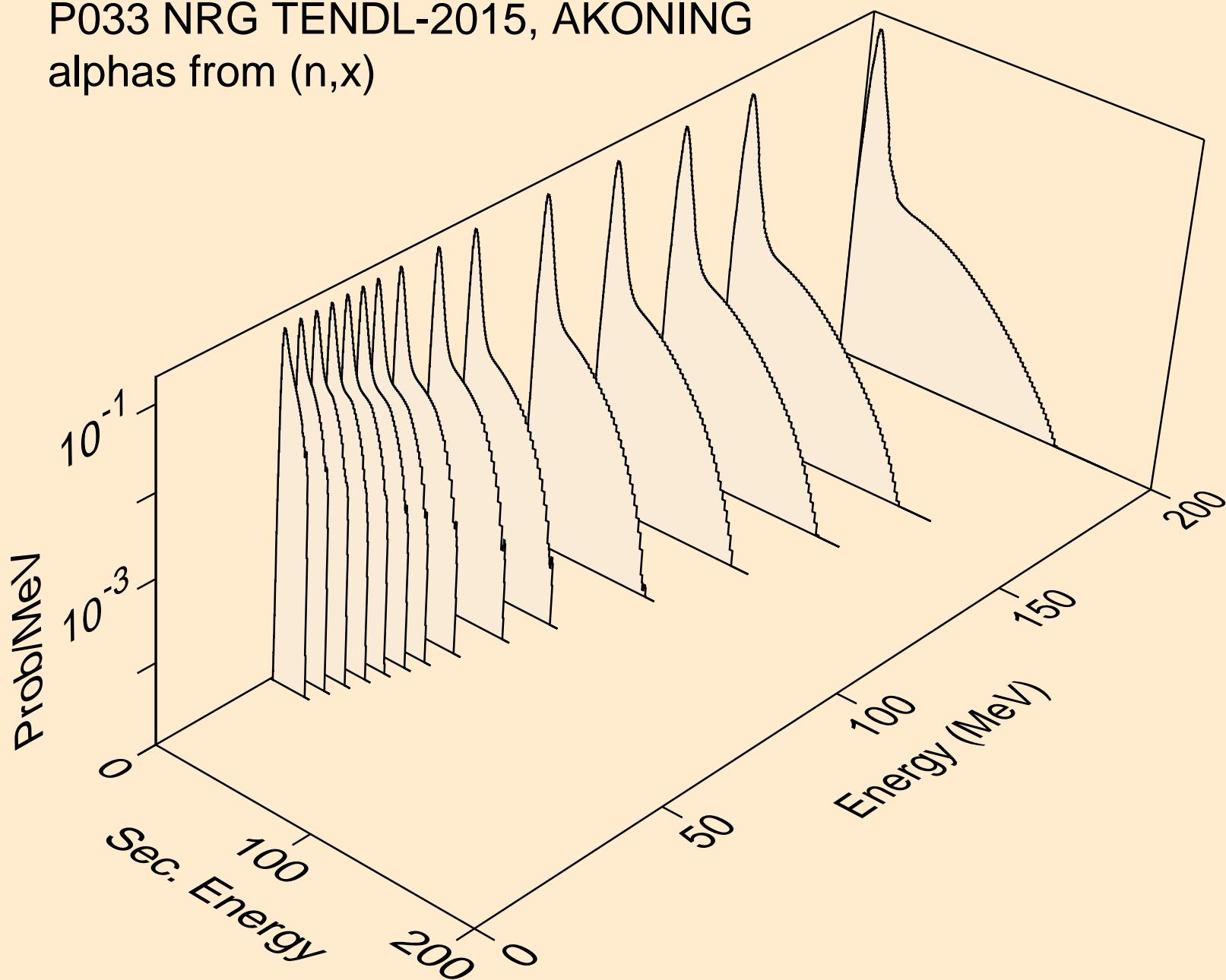
P033 NRG TENDL-2015, AKONING  
he3s from  $(n,n^*)\text{he3}$



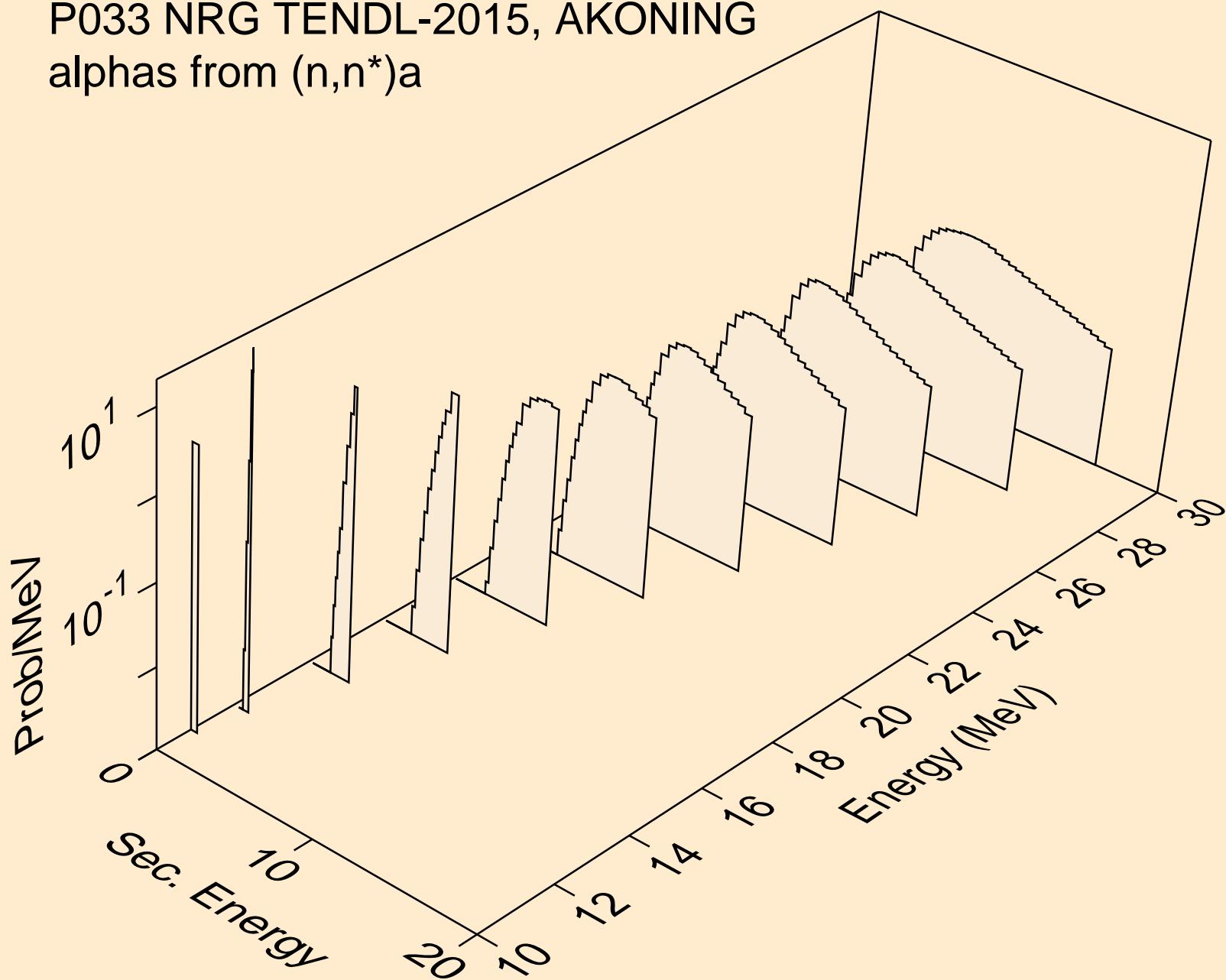
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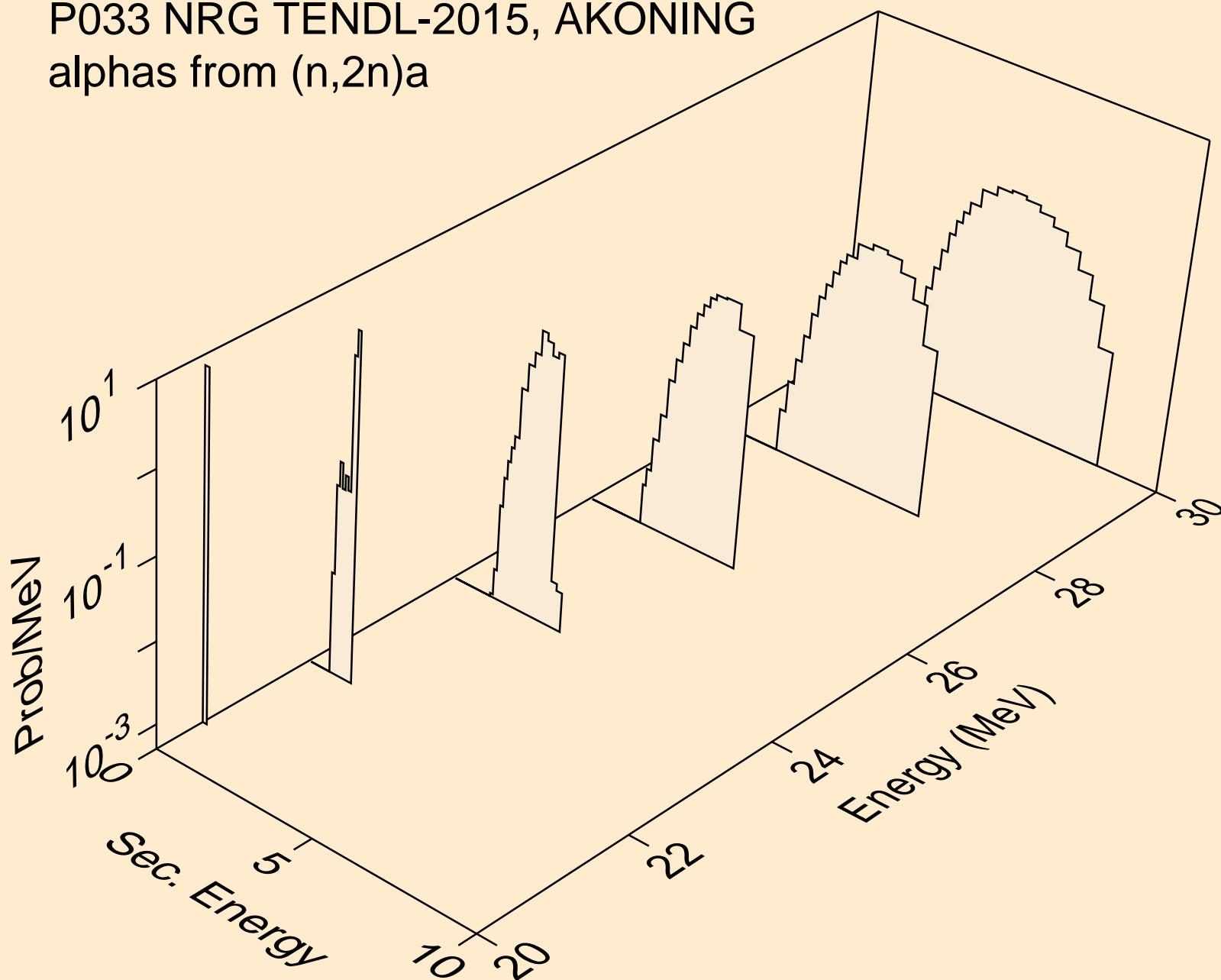
P033 NRG TENDL-2015, AKONING  
alphas from (n,x)



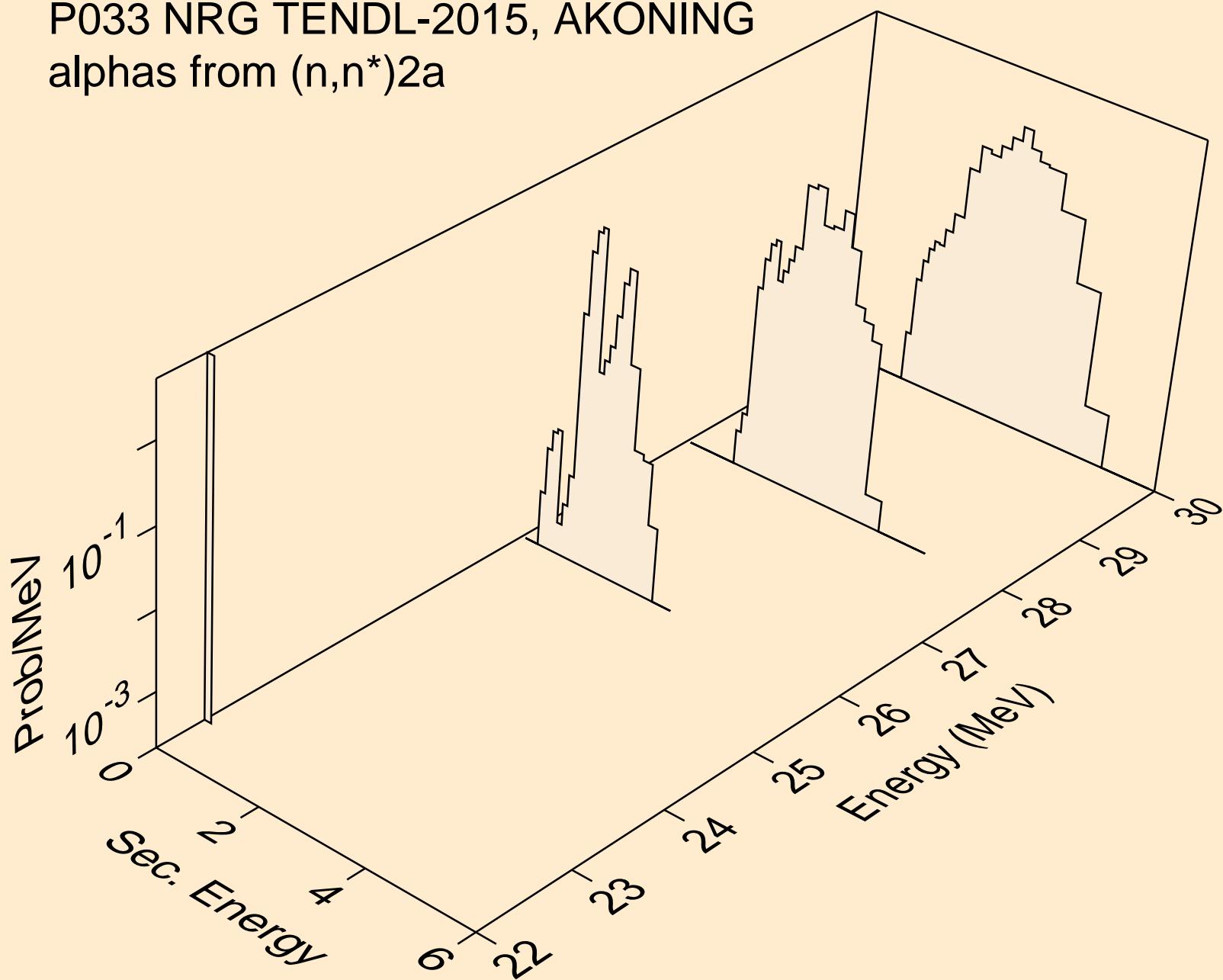
P033 NRG TENDL-2015, AKONING  
alphas from  $(n,n^*)a$



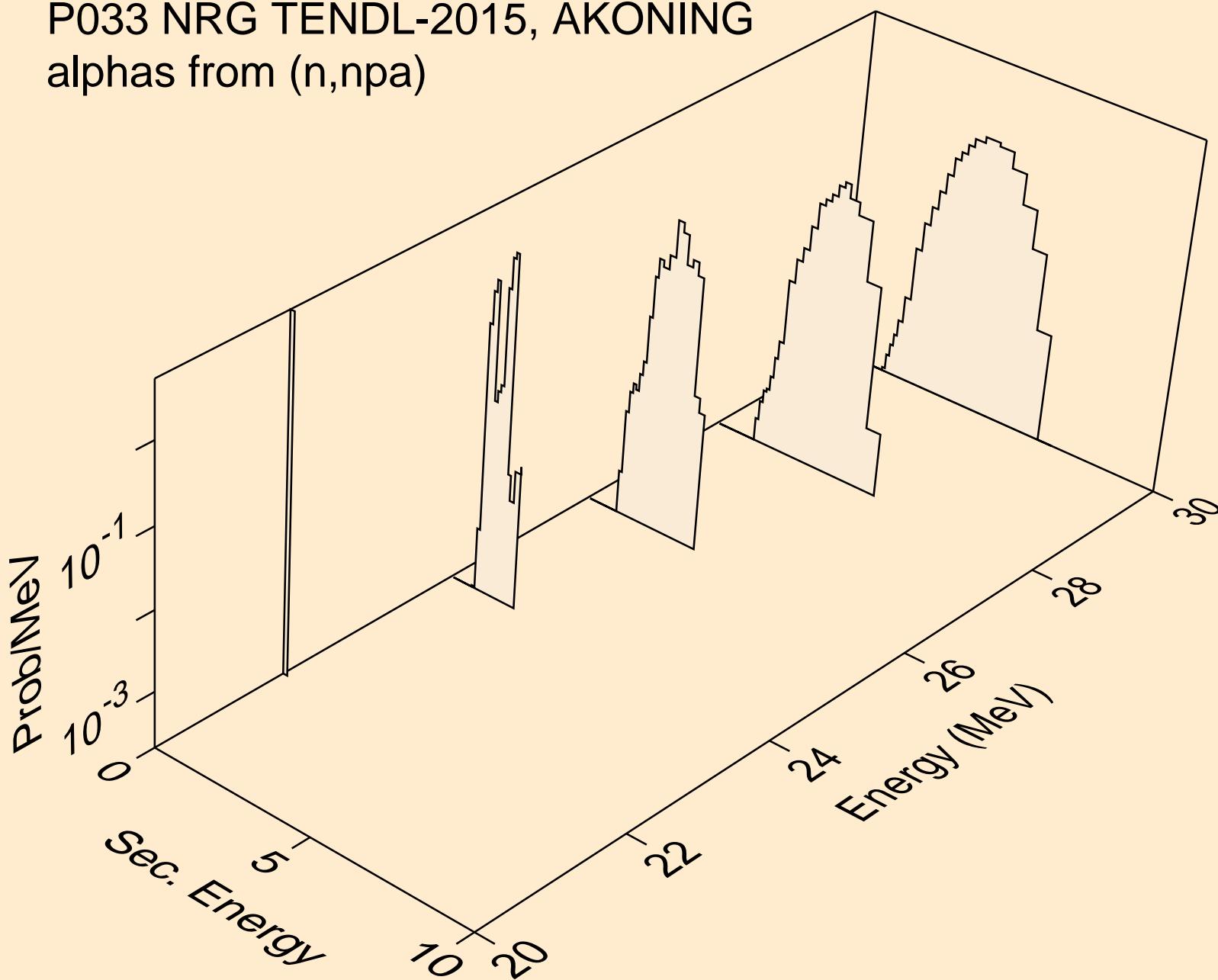
P033 NRG TENDL-2015, AKONING  
alphas from  $(n,2n)a$



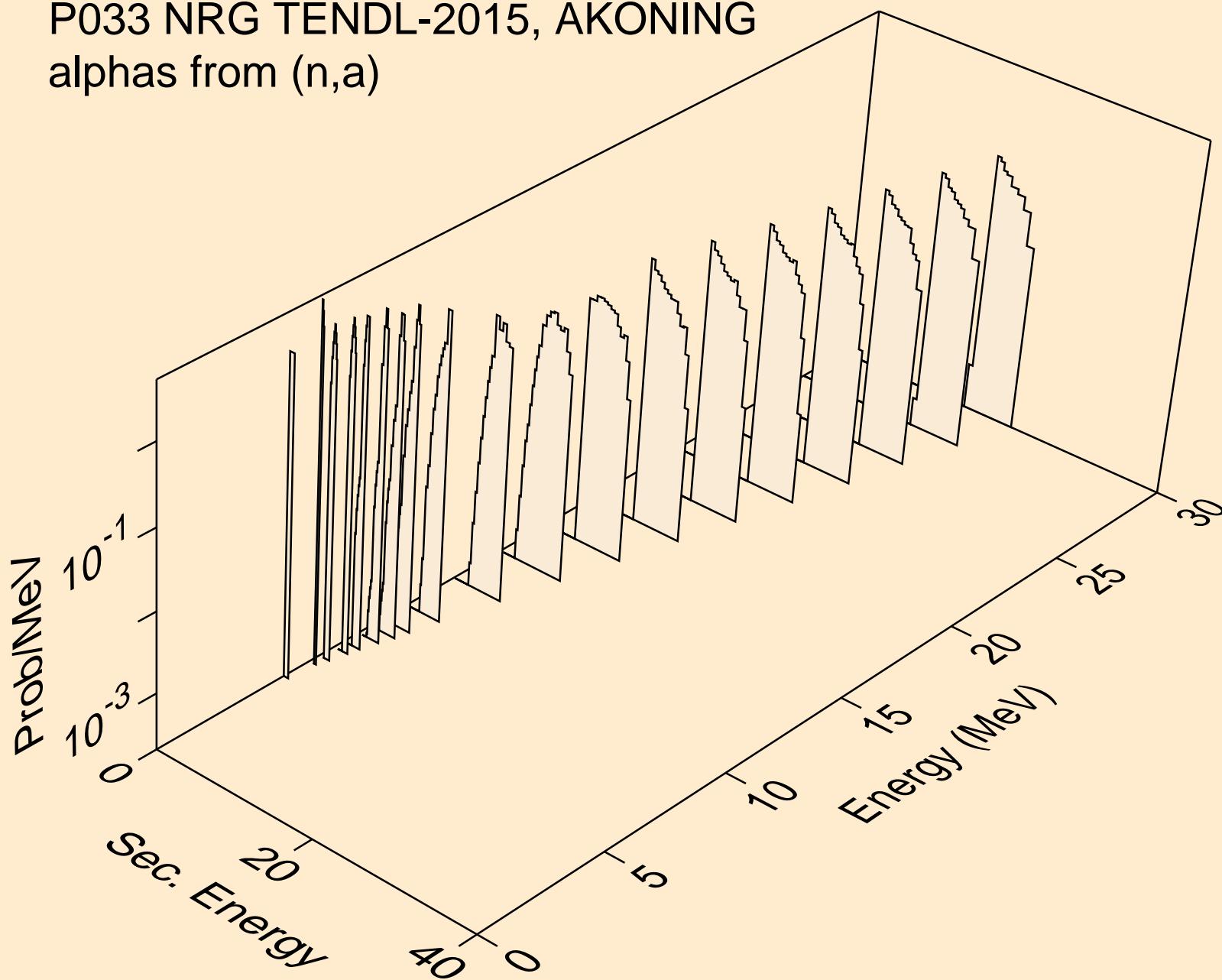
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alphas from  $(n,n^*)2a$



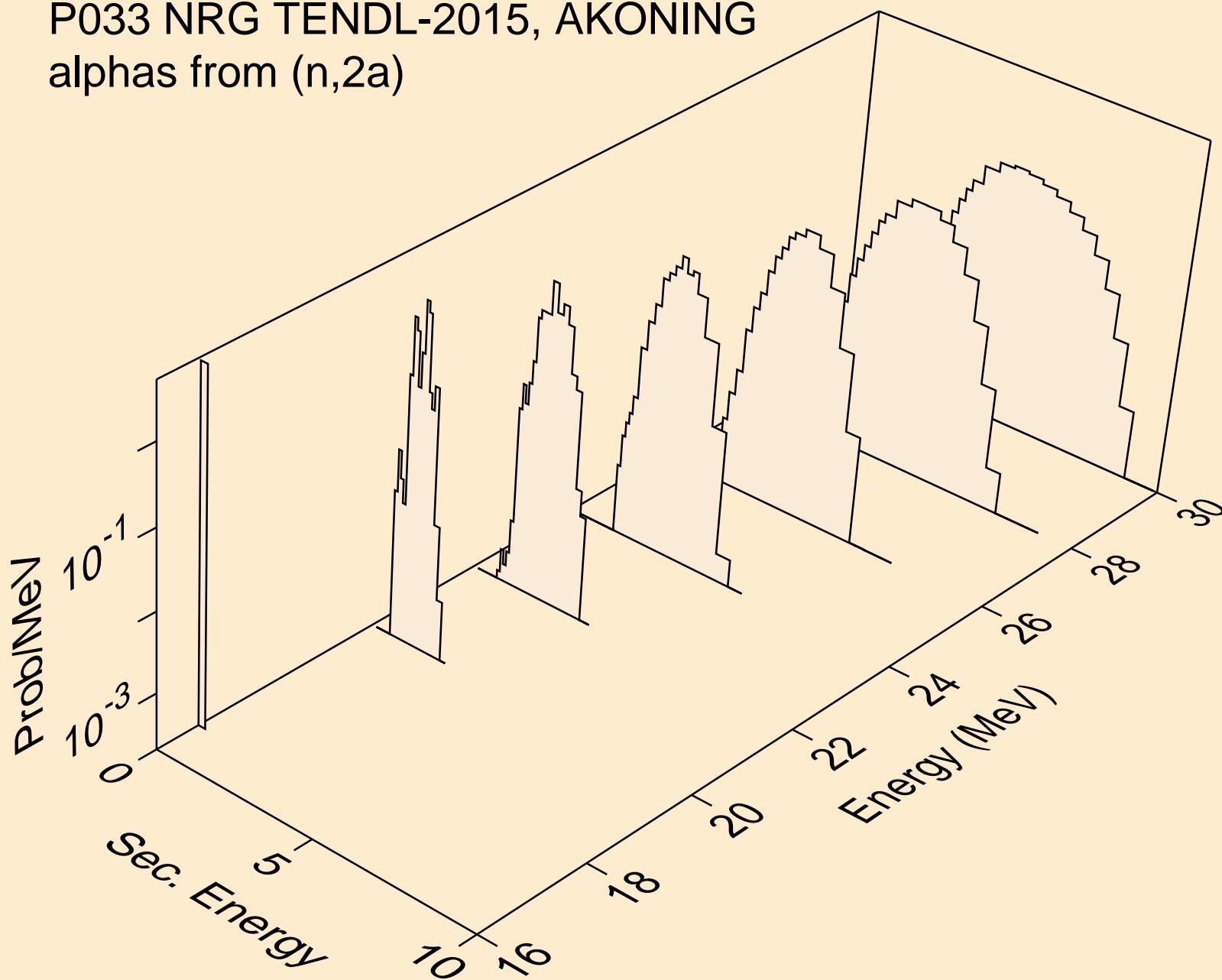
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alphas from (n,npa)



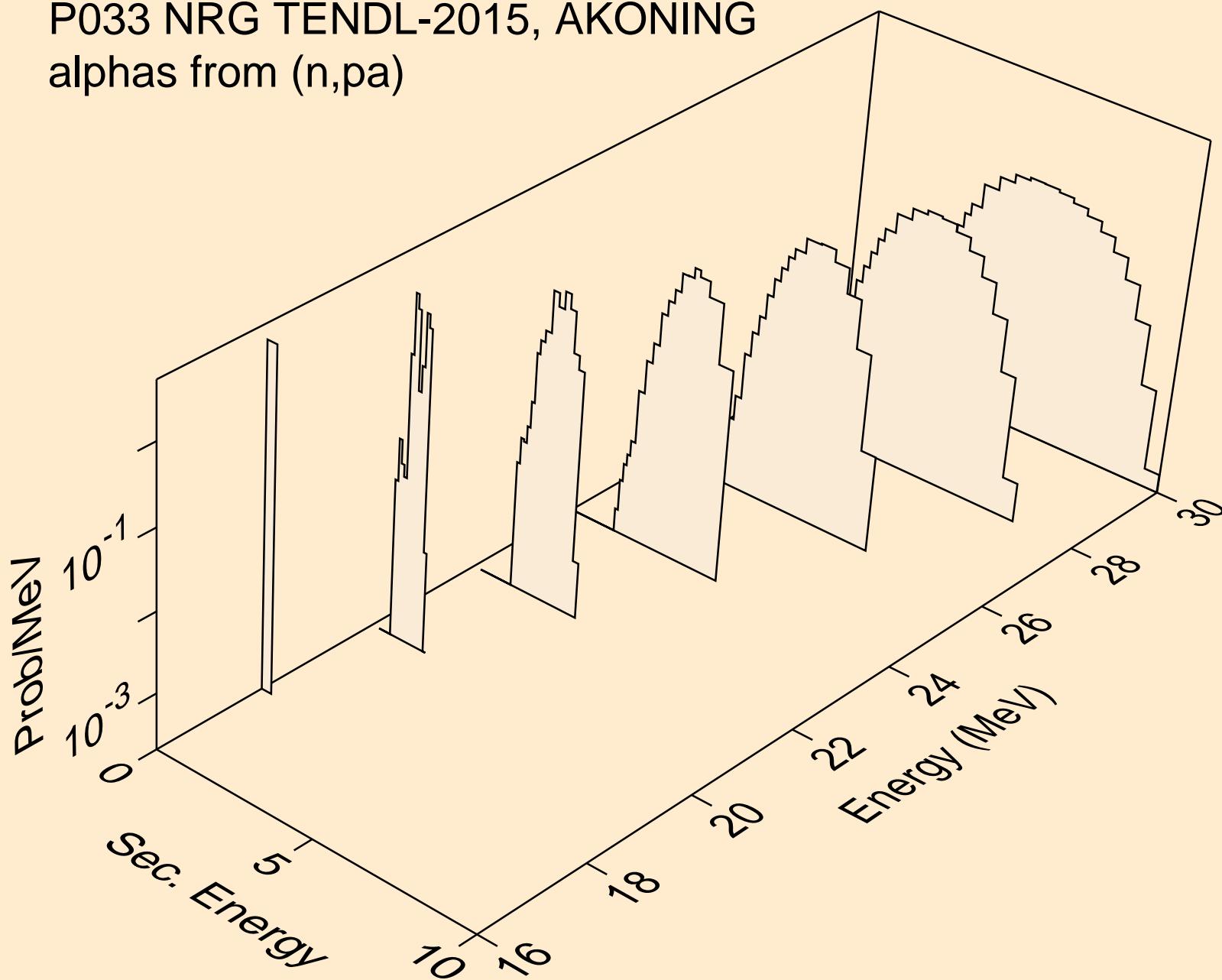
P033 NRG TENDL-2015, AKONING  
alphas from (n,a)



P033 NRG TENDL-2015, AKONING  
alphas from (n,2a)



P033 NRG TENDL-2015, AKONING  
alphas from (n,pa)



P033 NRG TENDL-2015, AKONING  
alphas from (n,da)

