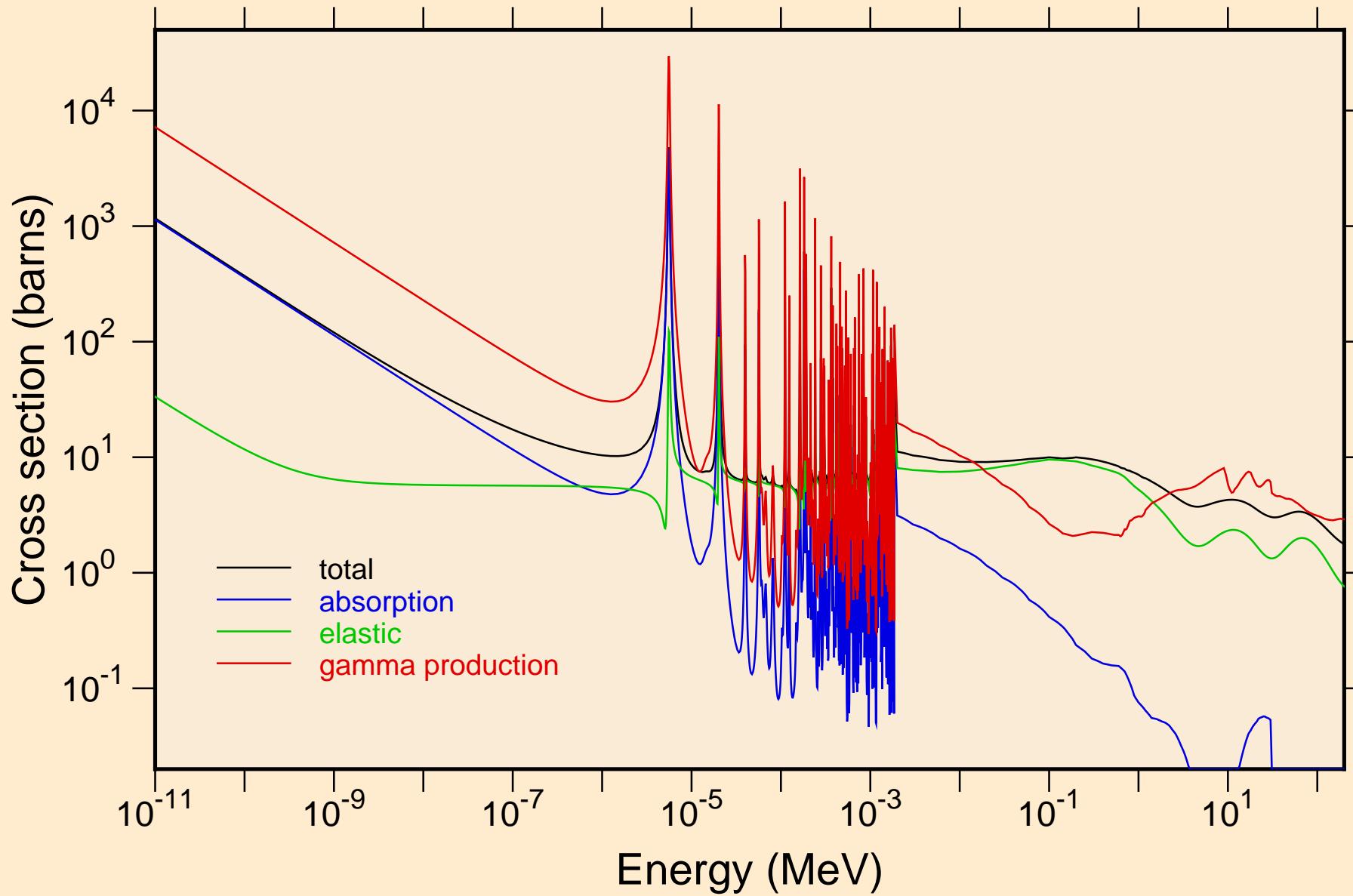
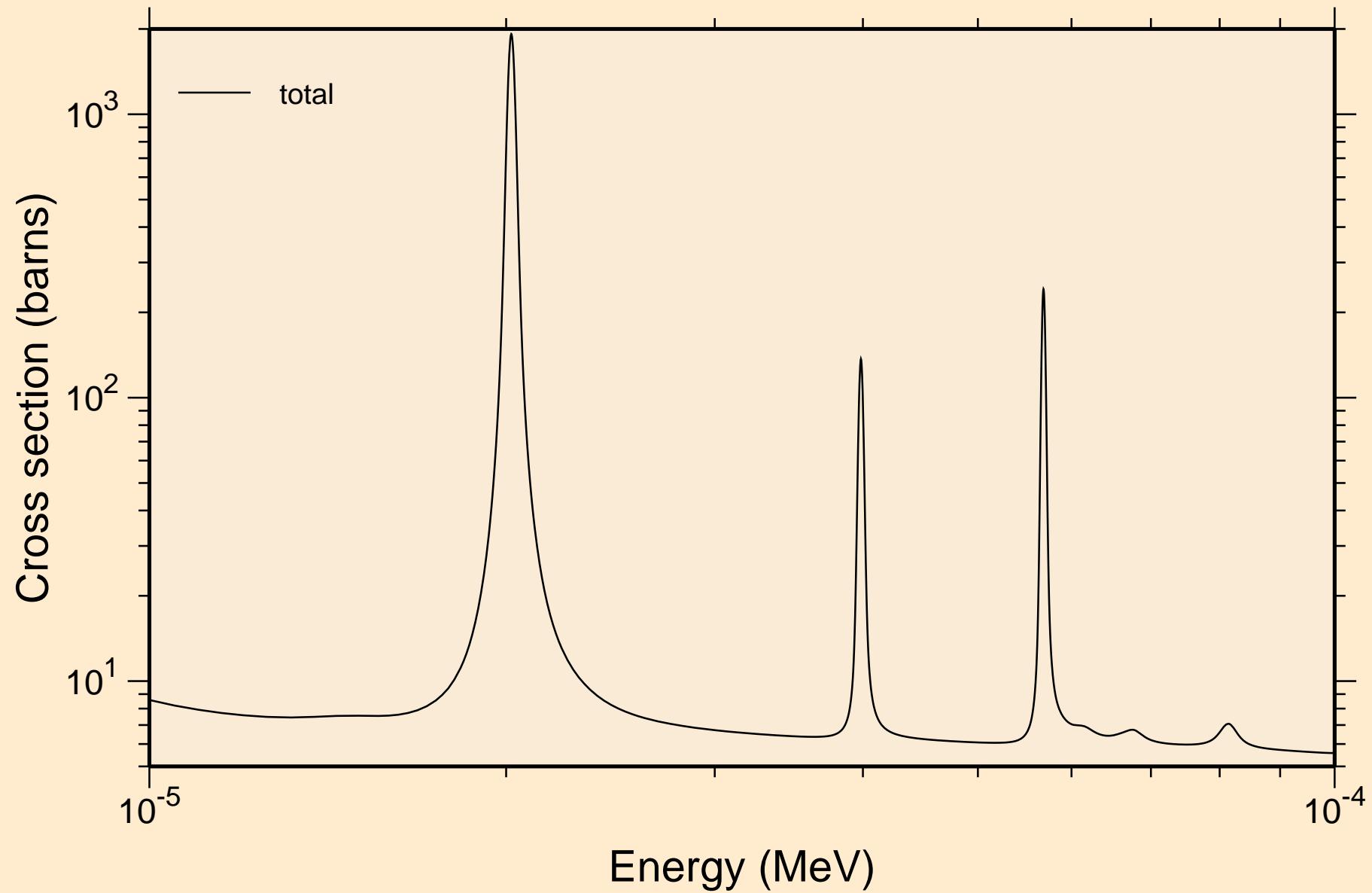


# TC099 NRG TENDL-2015, AKONING

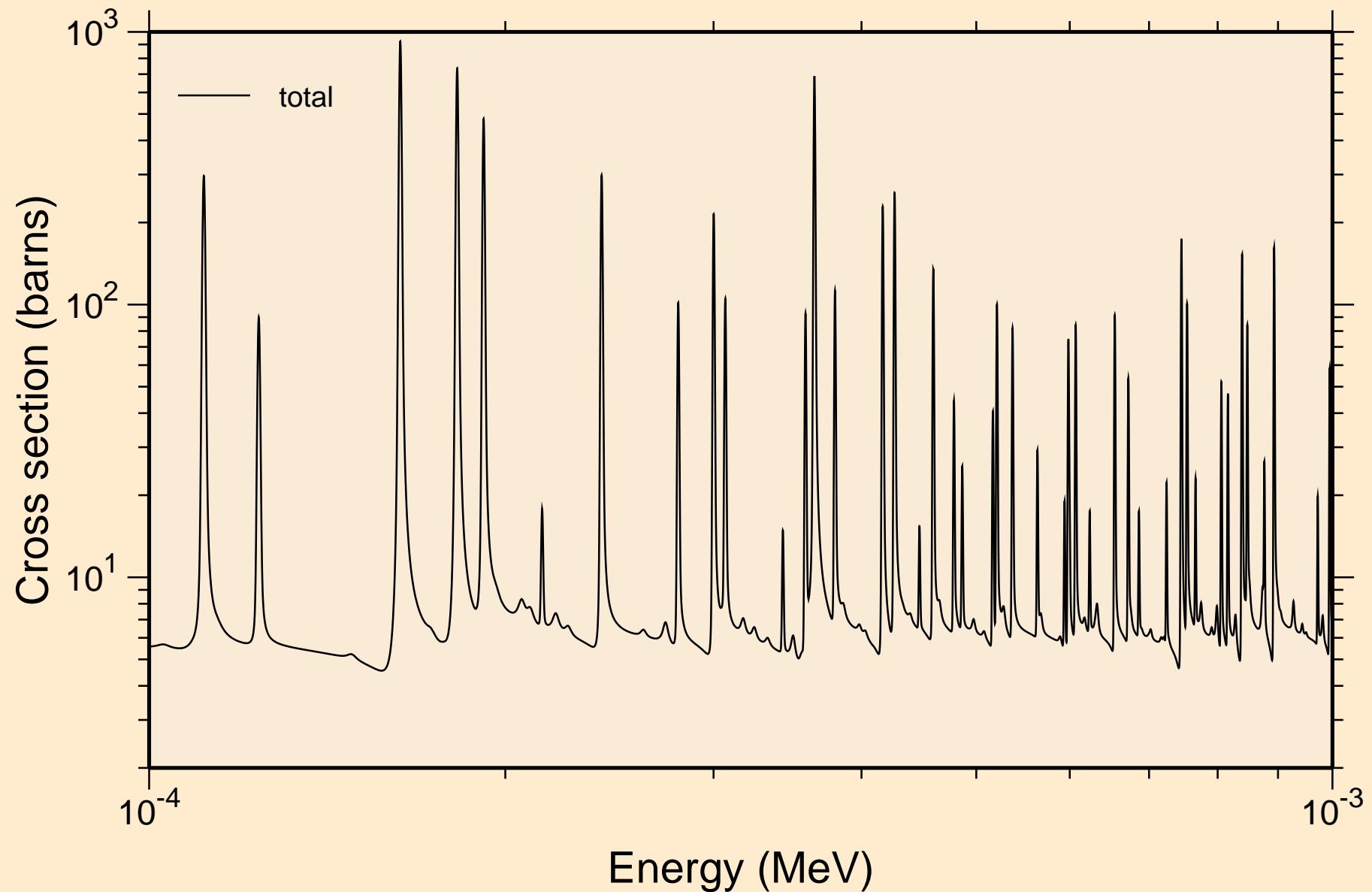
## Principal cross sections



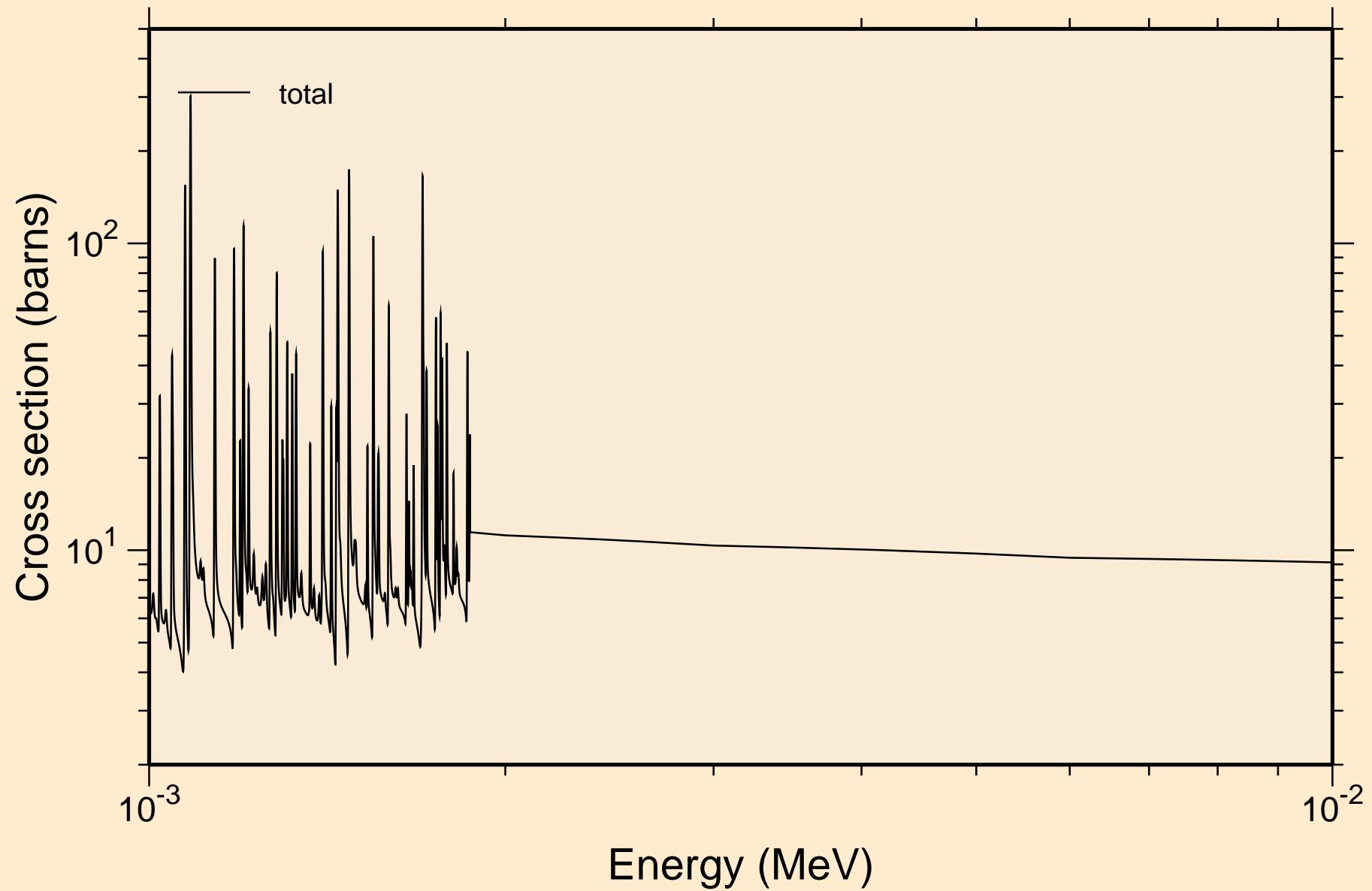
TC099 NRG TENDL-2015, AKONING  
resonance total cross section



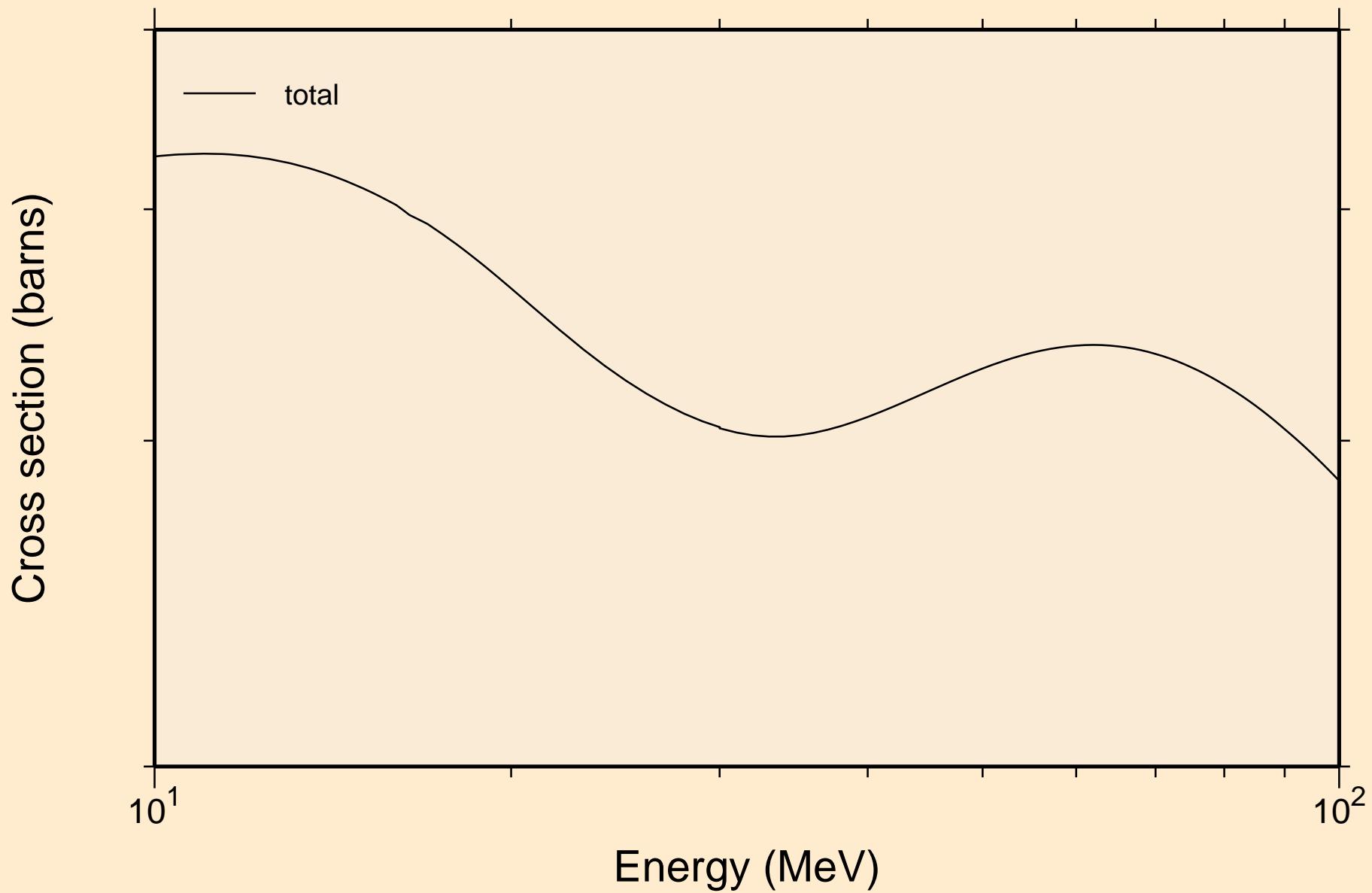
TC099 NRG TENDL-2015, AKONING  
resonance total cross section



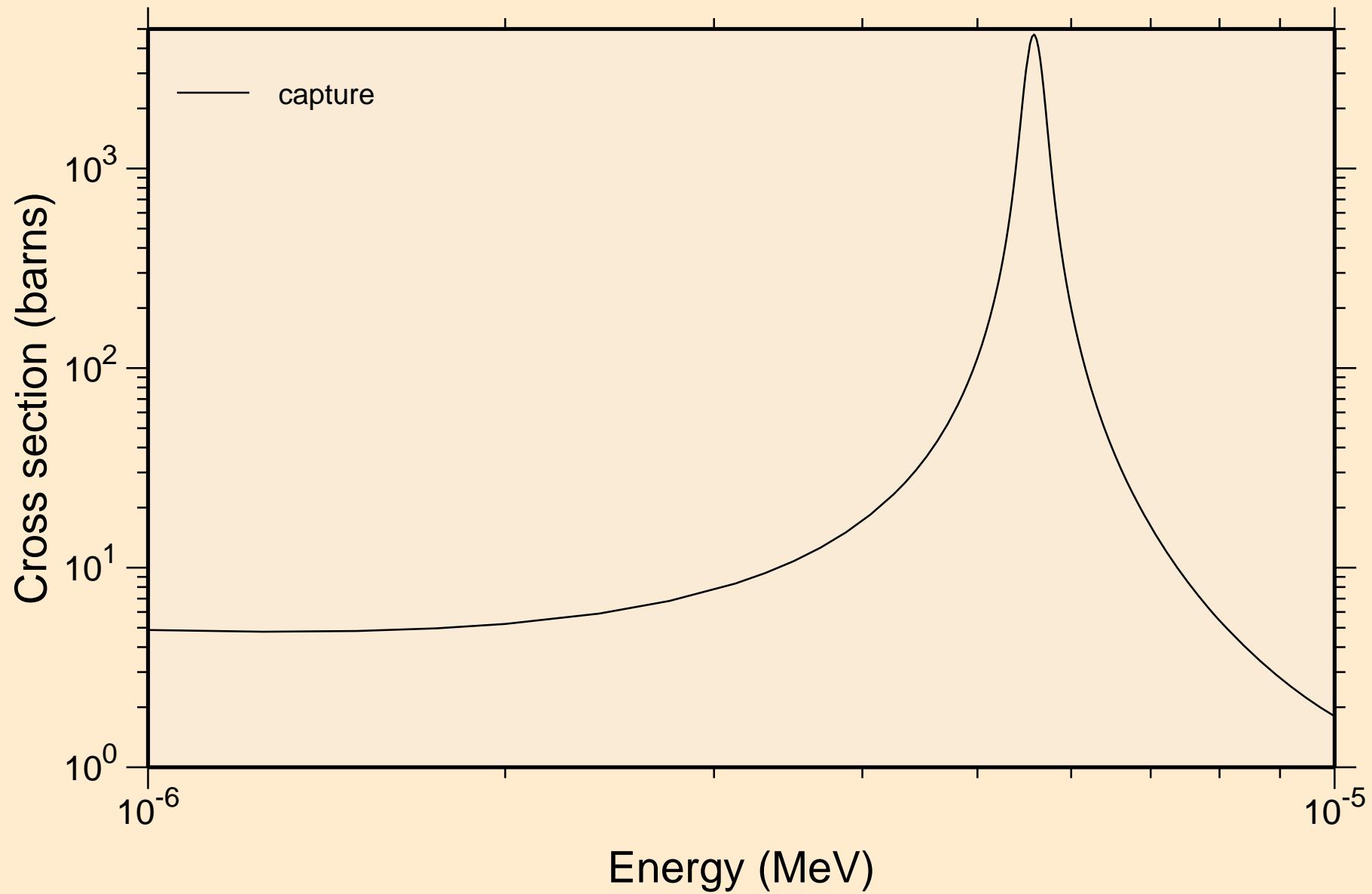
TC099 NRG TENDL-2015, AKONING  
resonance total cross section



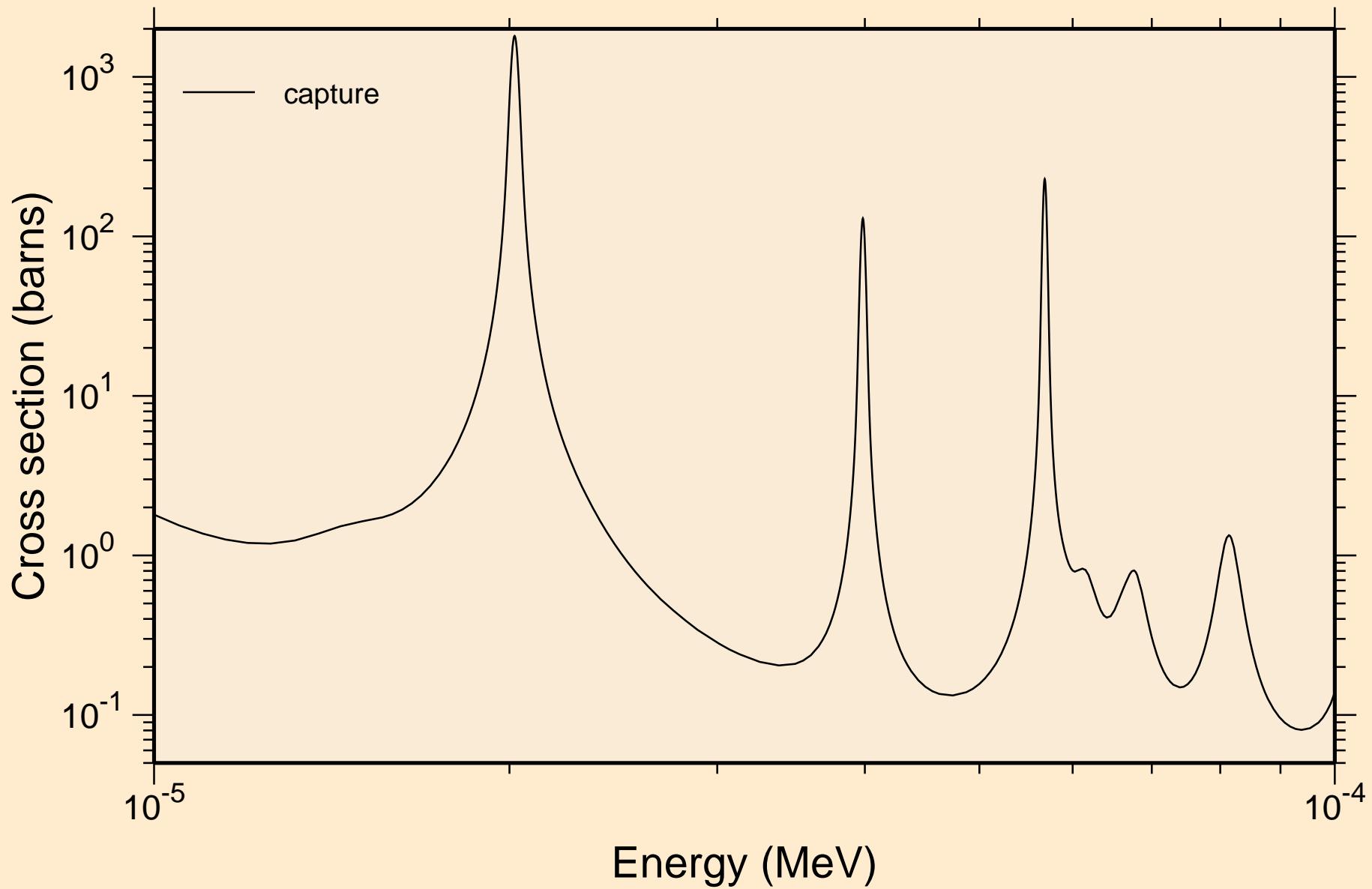
T<sub>C</sub>099 NRG TENDL-2015, AKONING  
resonance total cross section



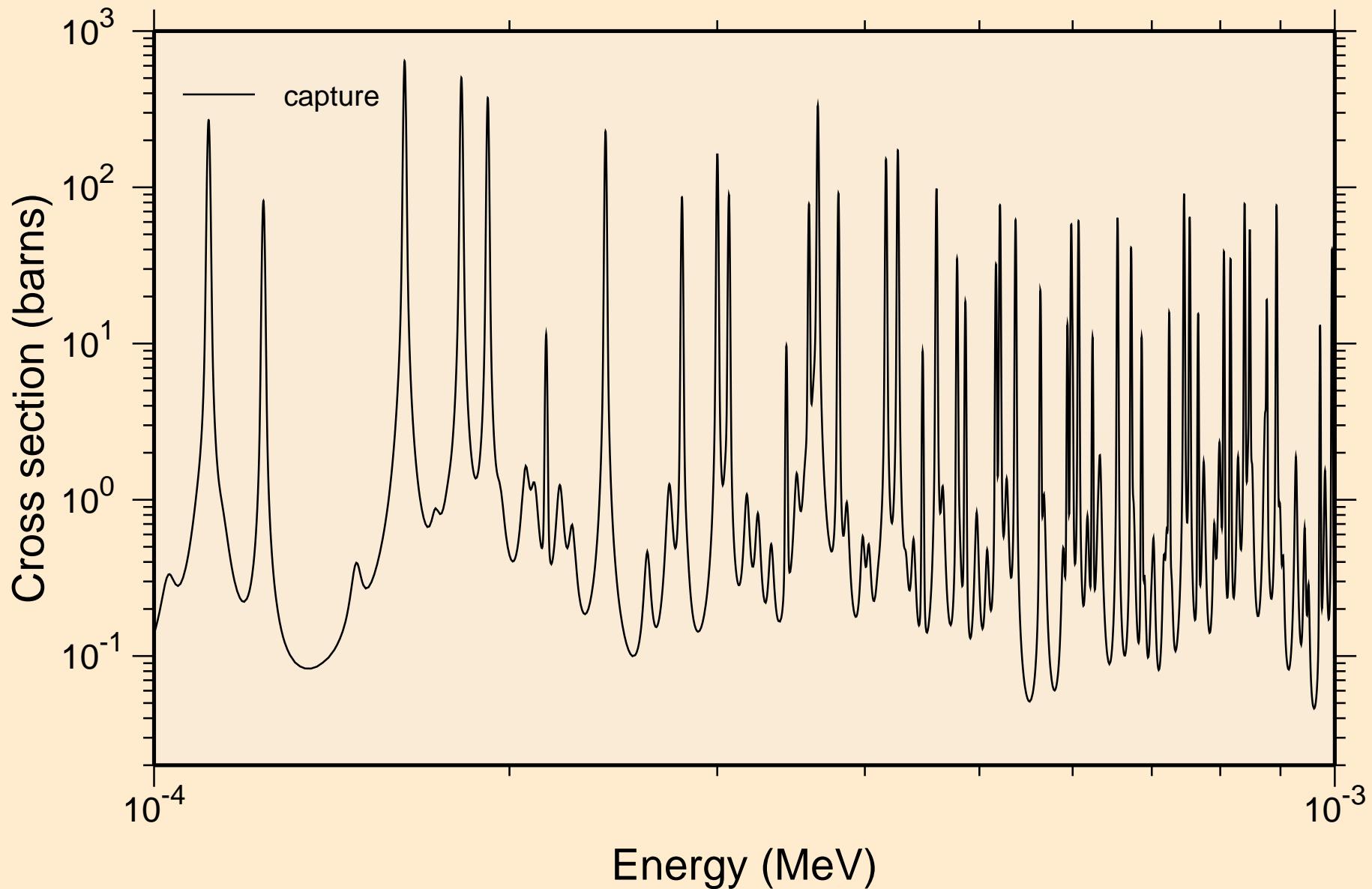
TC099 NRG TENDL-2015, AKONING  
resonance absorption cross sections



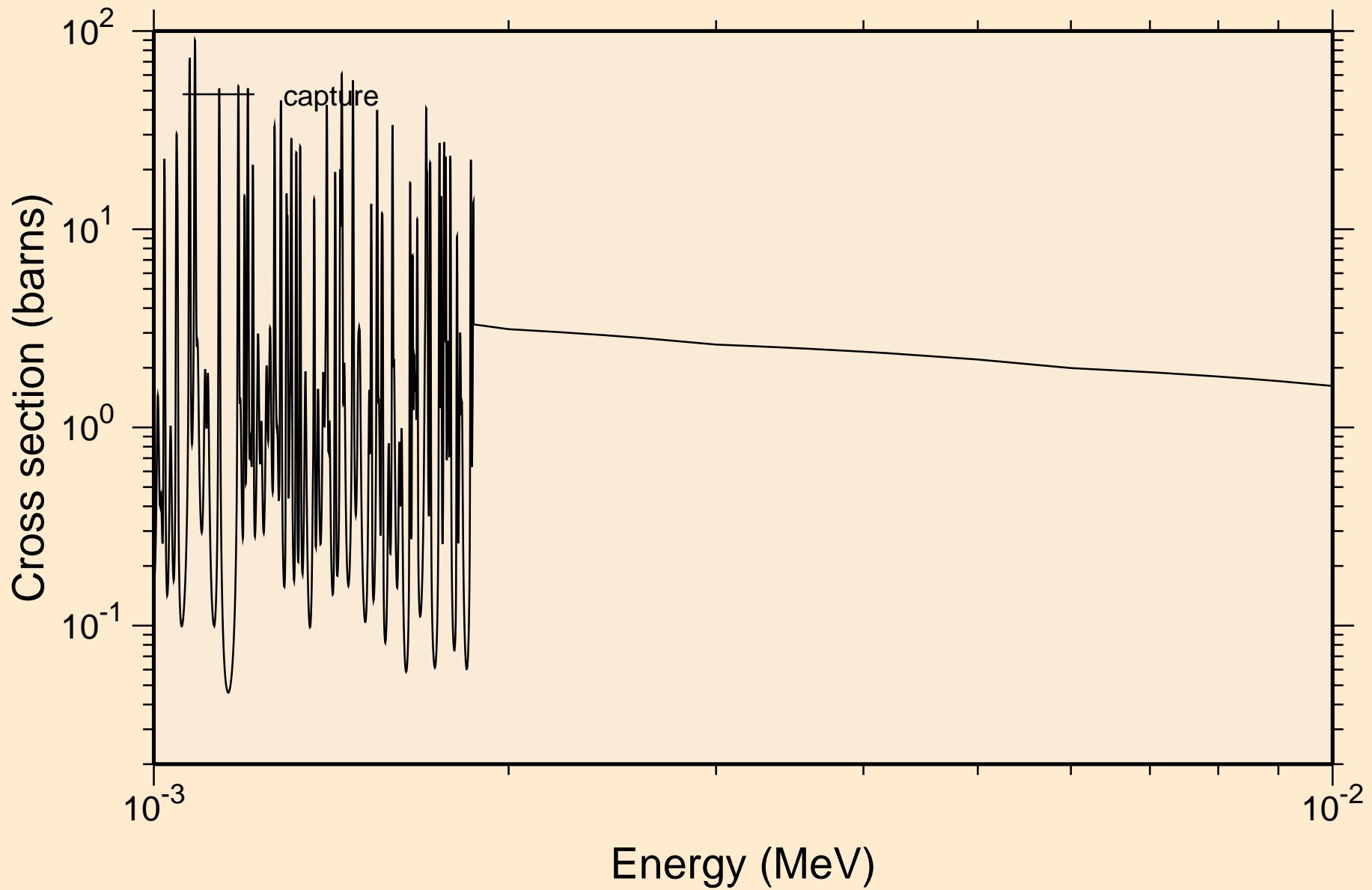
TC099 NRG TENDL-2015, AKONING  
resonance absorption cross sections



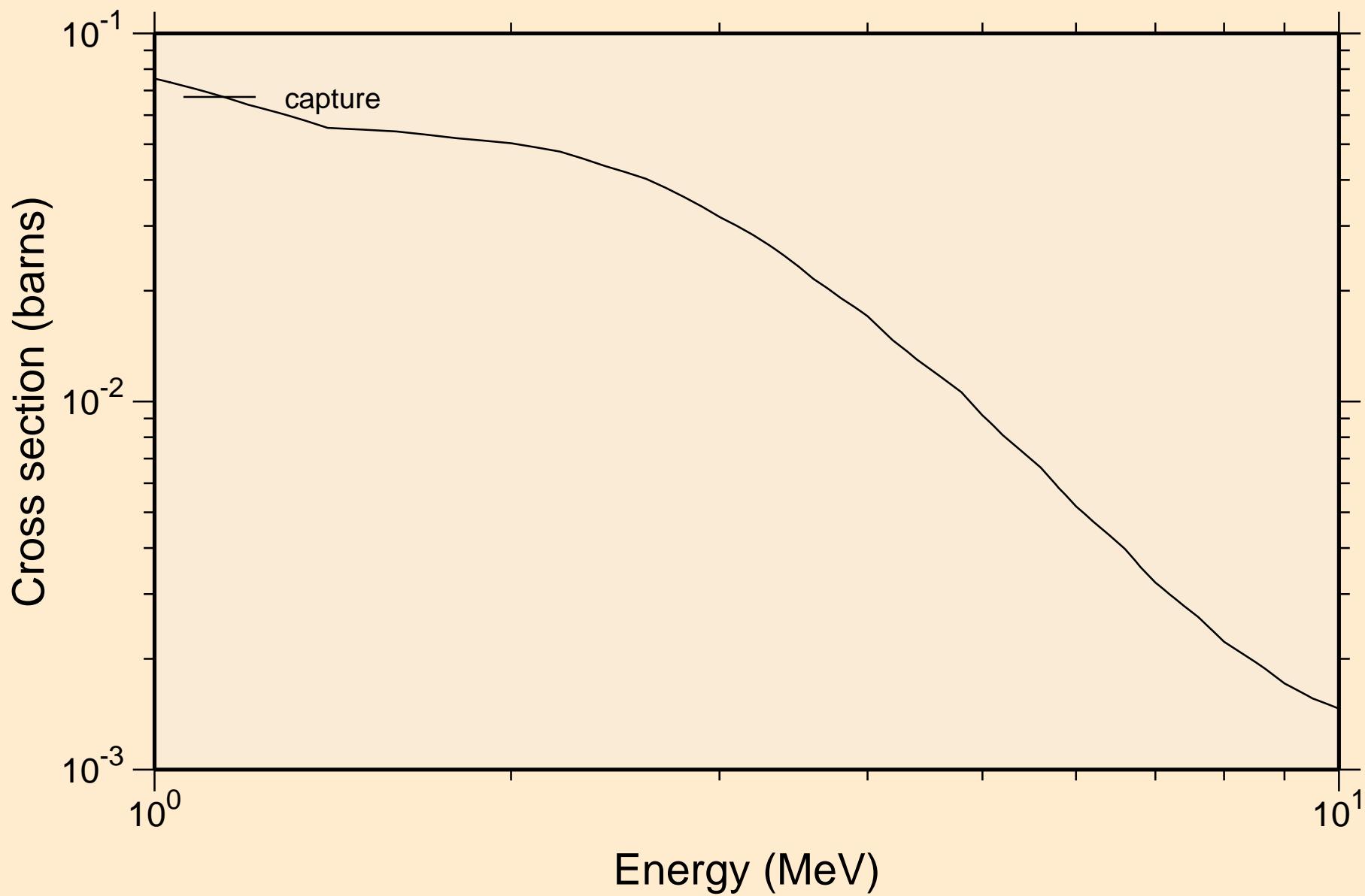
TC099 NRG TENDL-2015, AKONING  
resonance absorption cross sections



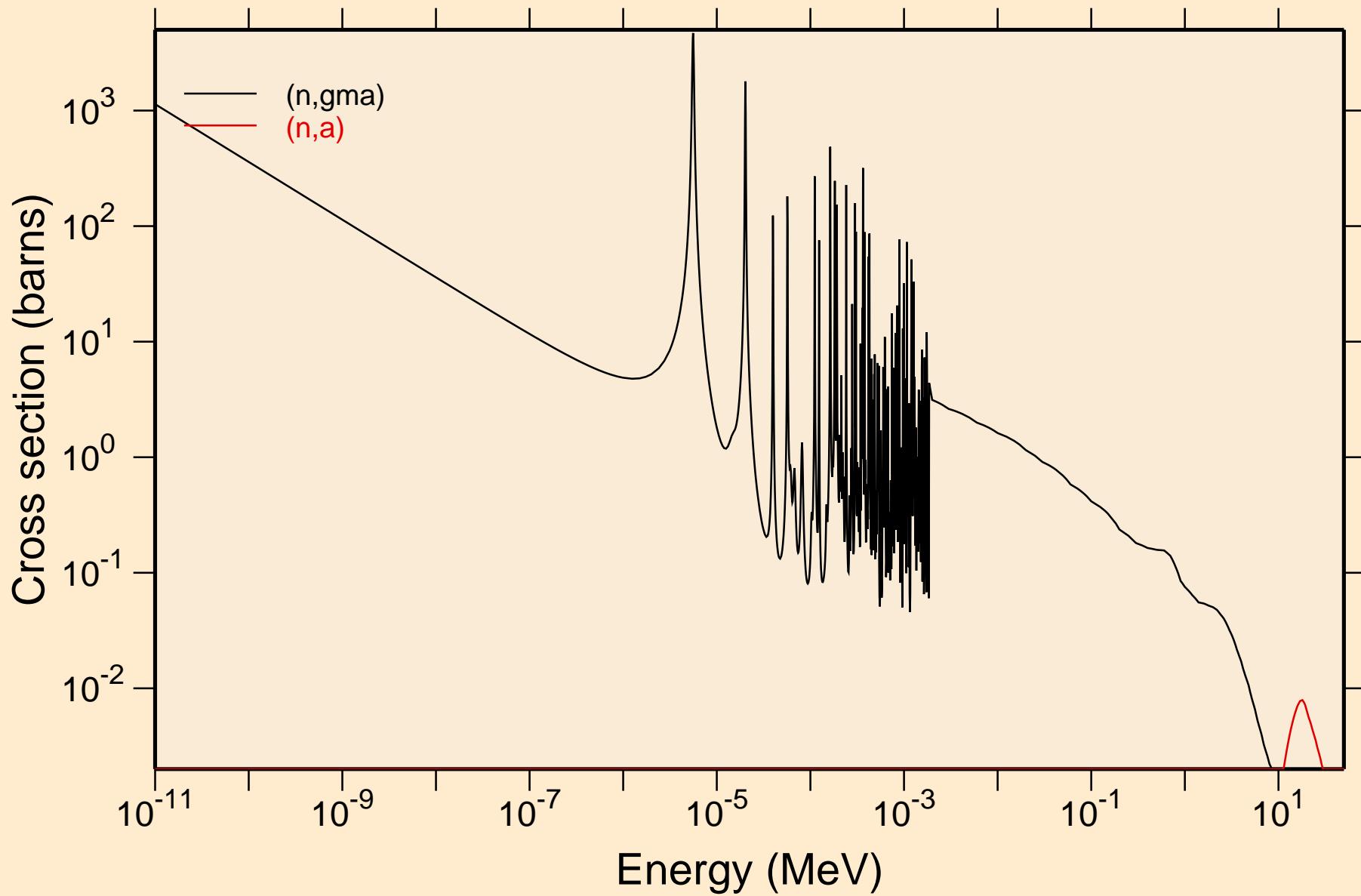
TC099 NRG TENDL-2015, AKONING  
resonance absorption cross sections



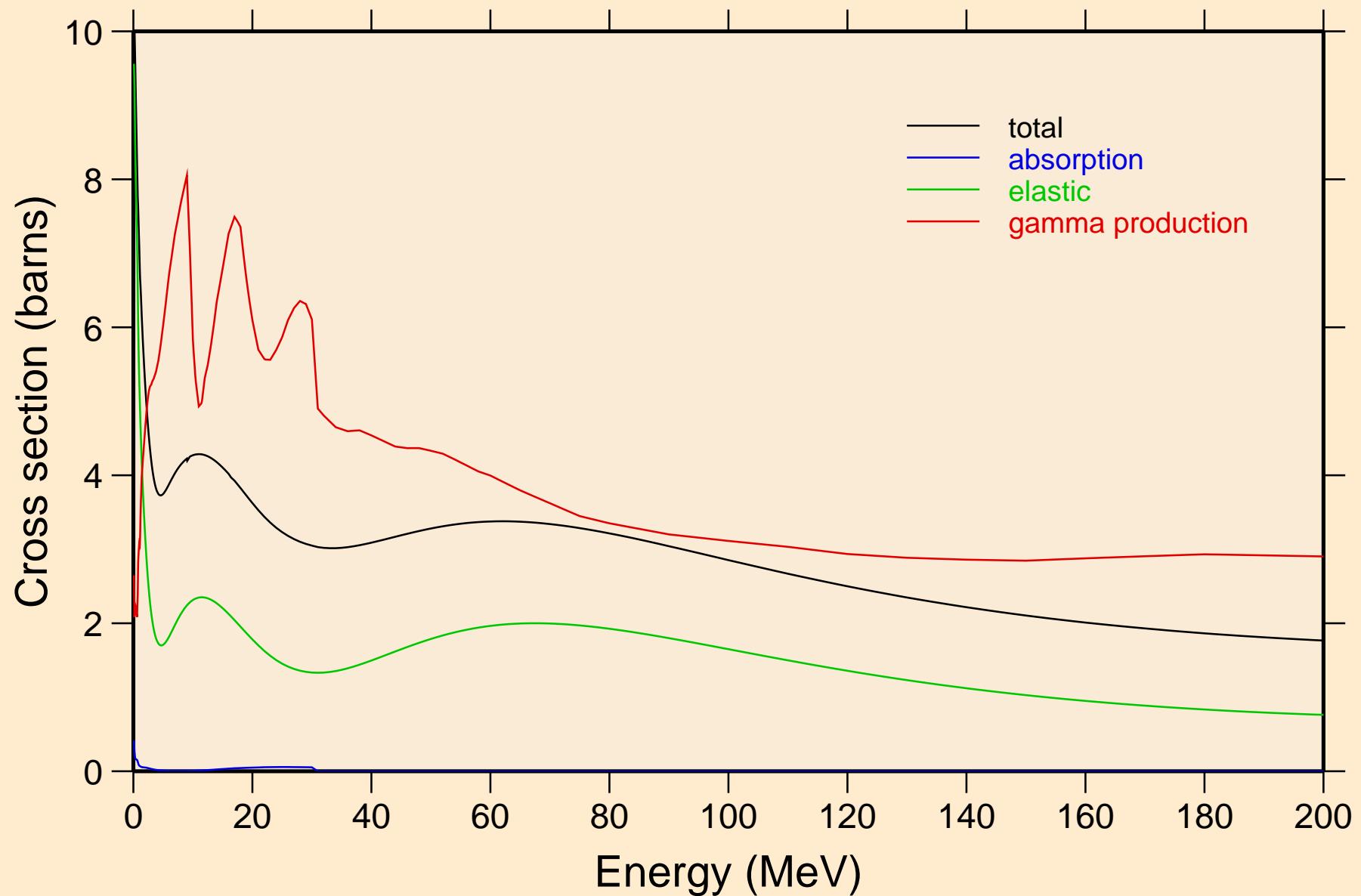
TC099 NRG TENDL-2015, AKONING  
resonance absorption cross sections



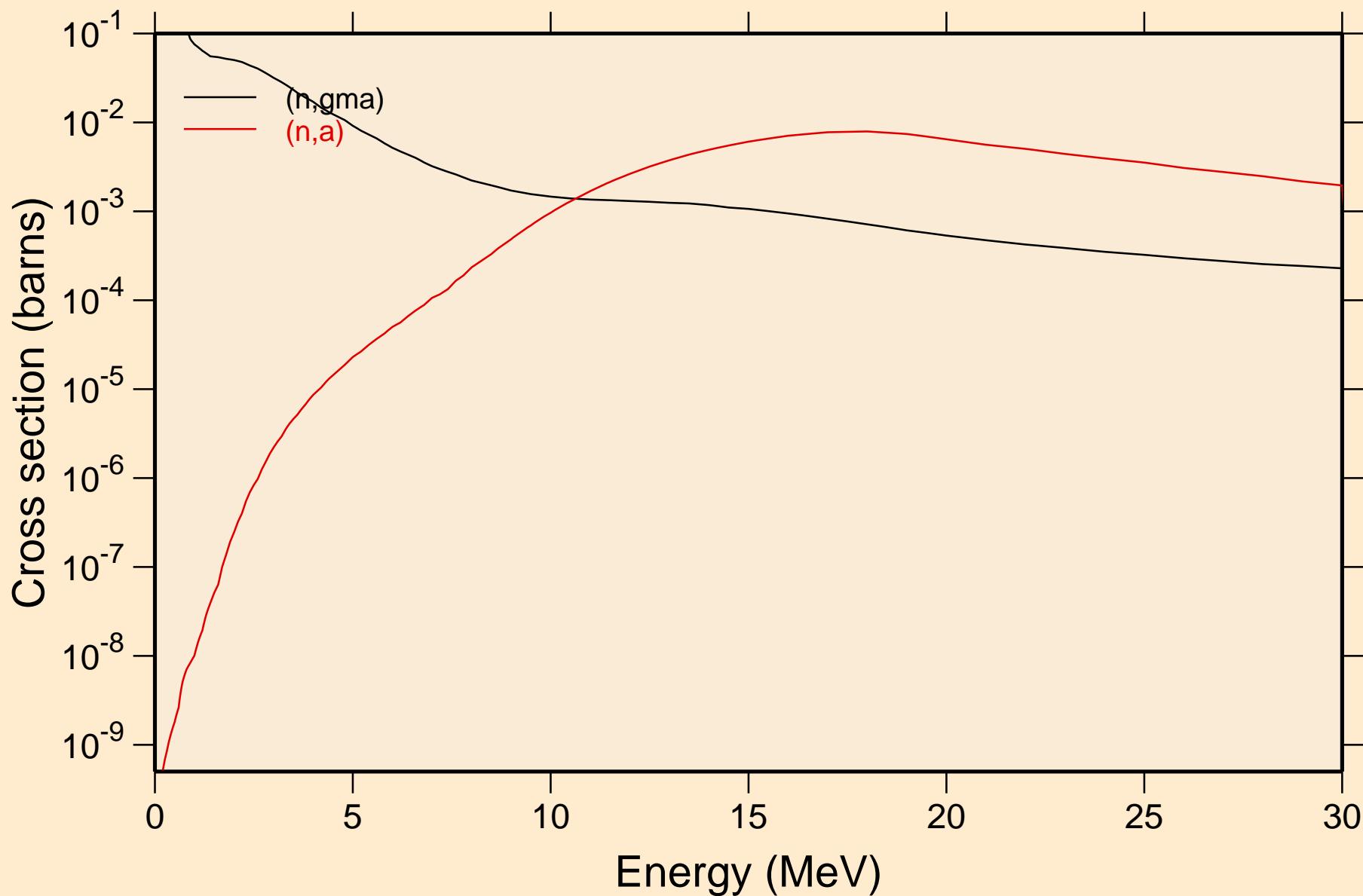
TC099 NRG TENDL-2015, AKONING  
Non-threshold reactions



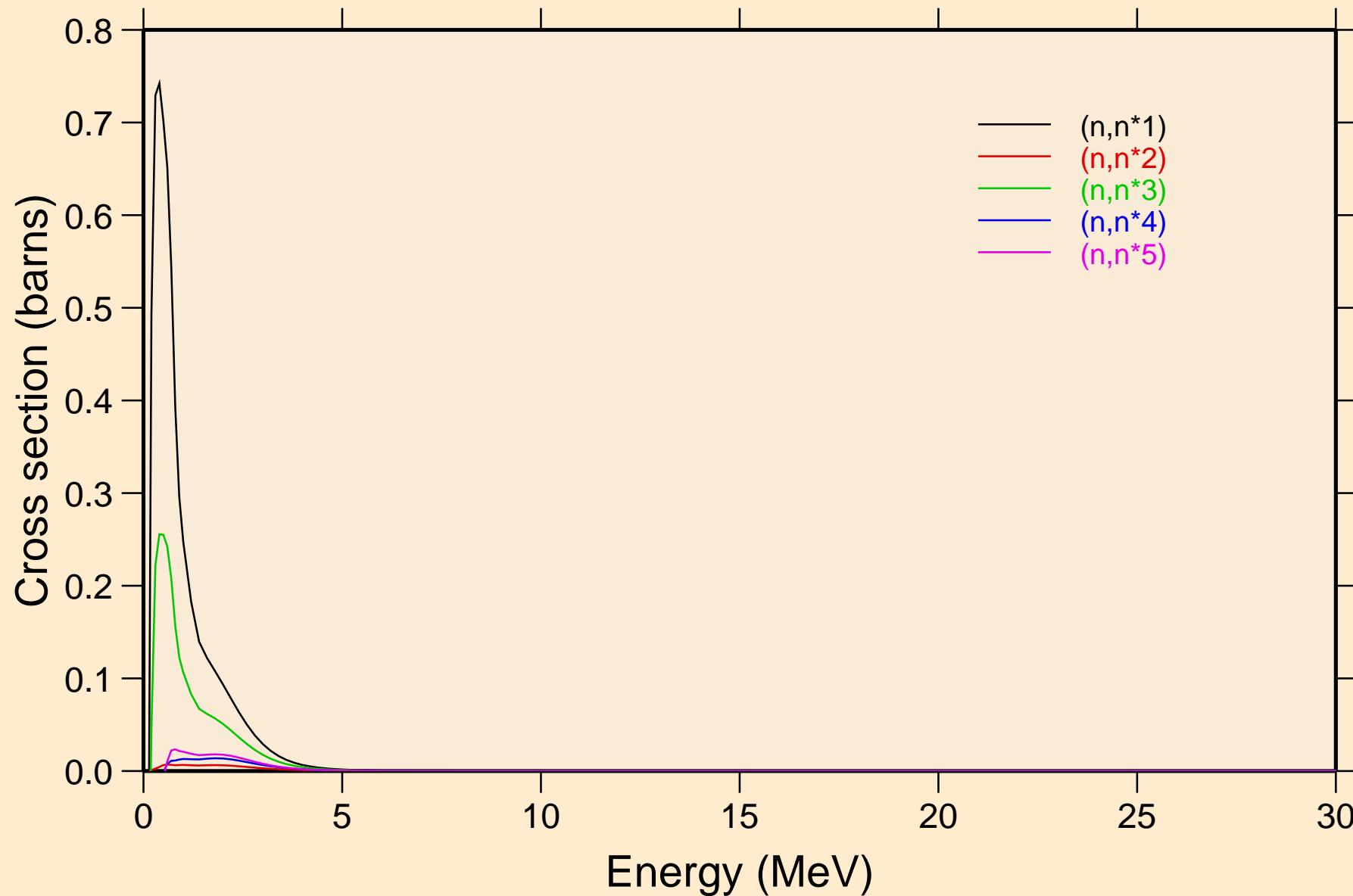
TC099 NRG TENDL-2015, AKONING  
Principal cross sections



TC099 NRG TENDL-2015, AKONING  
Non-threshold reactions

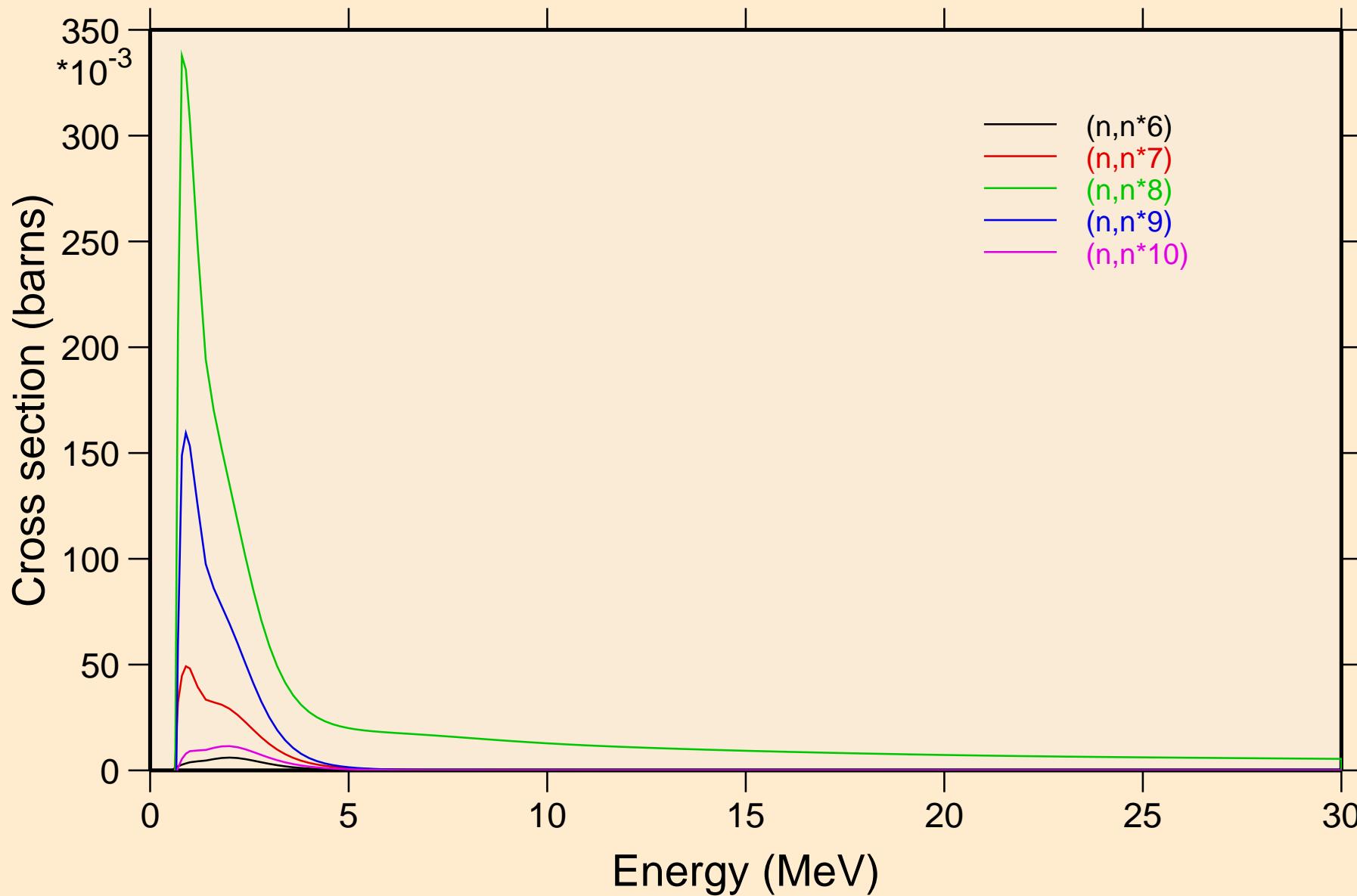


TC099 NRG TENDL-2015, AKONING  
Inelastic levels

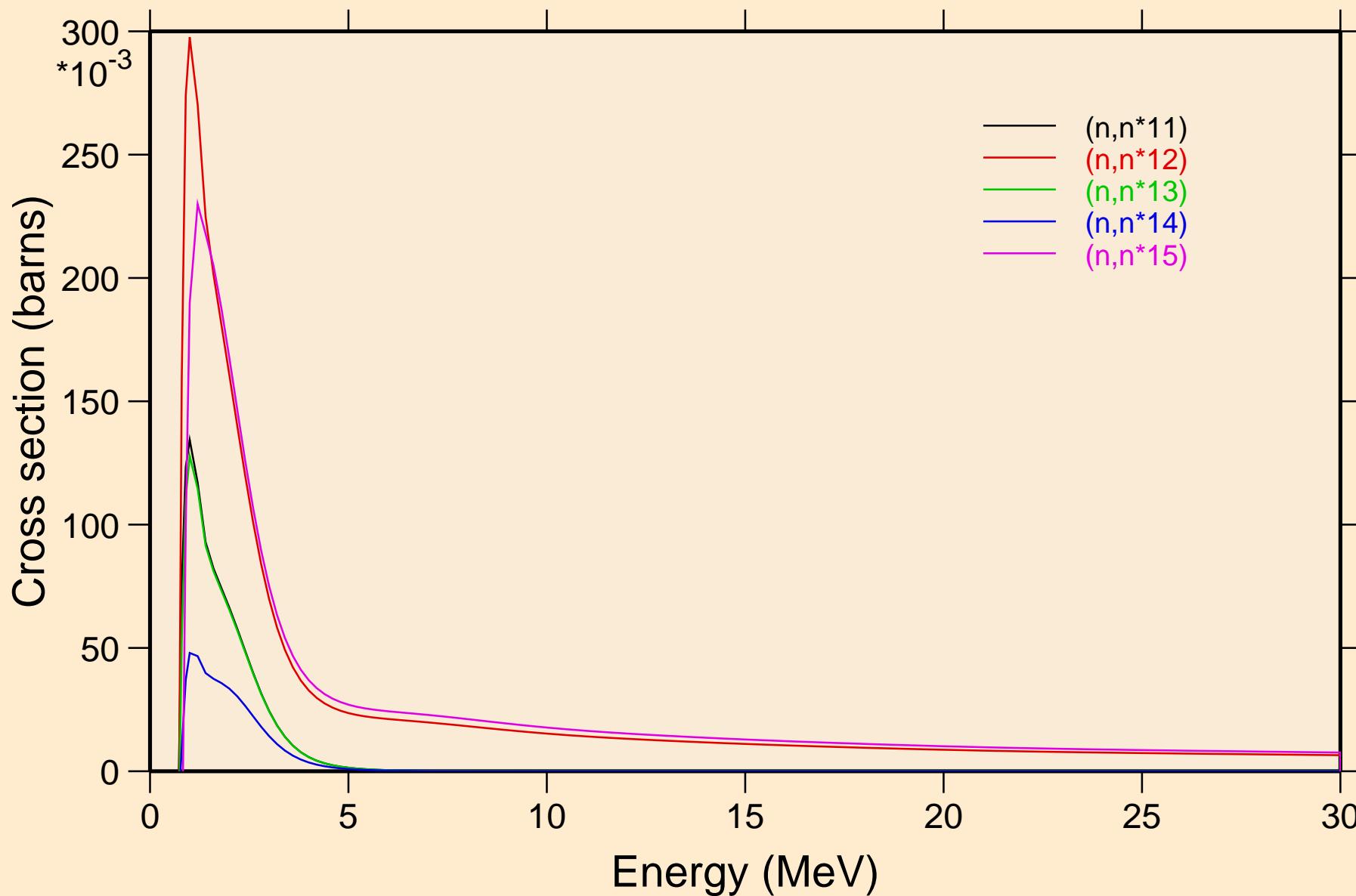


# TC099 NRG TENDL-2015, AKONING

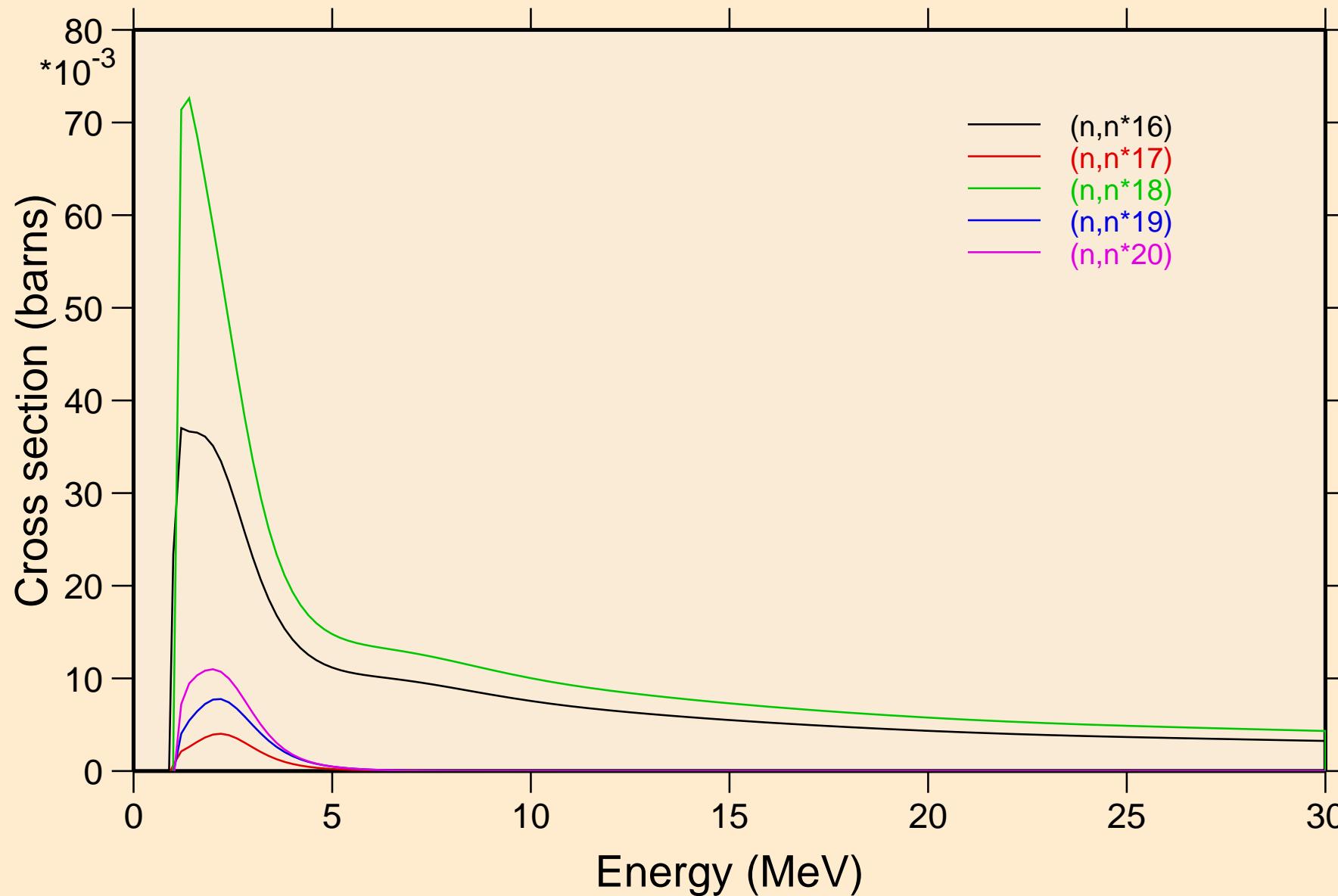
## Inelastic levels



TC099 NRG TENDL-2015, AKONING  
Inelastic levels

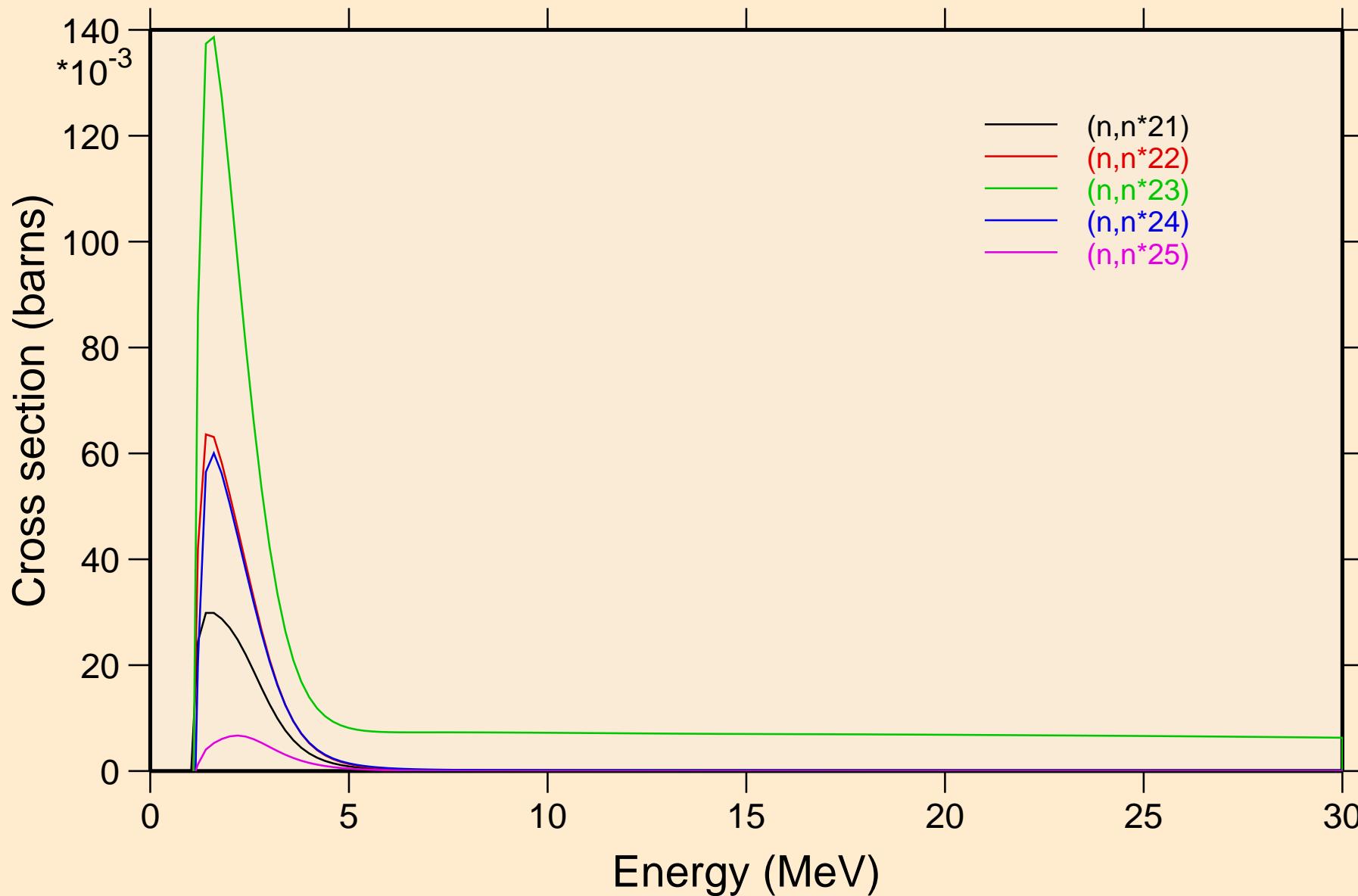


TC099 NRG TENDL-2015, AKONING  
Inelastic levels



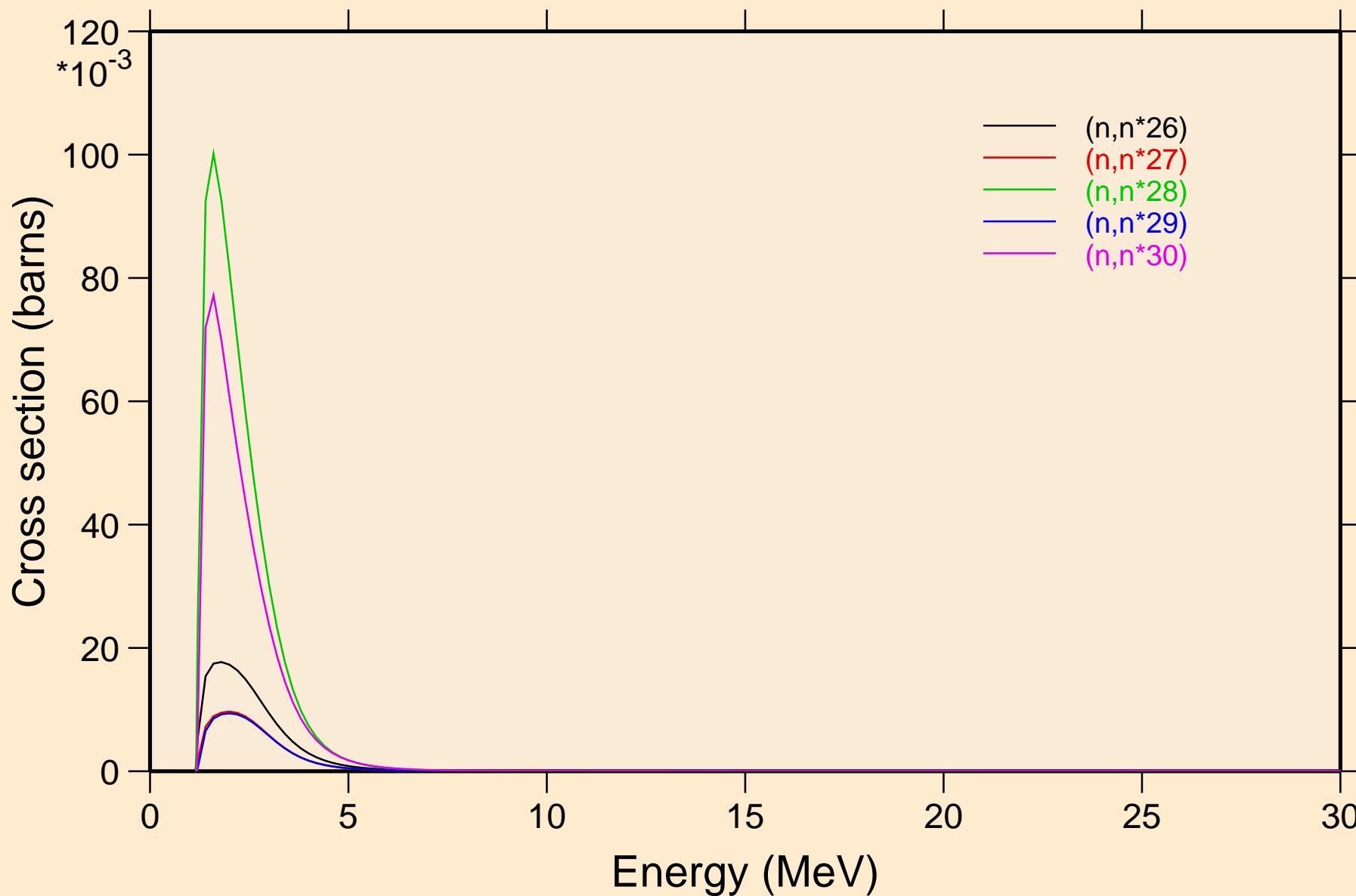
# TC099 NRG TENDL-2015, AKONING

## Inelastic levels



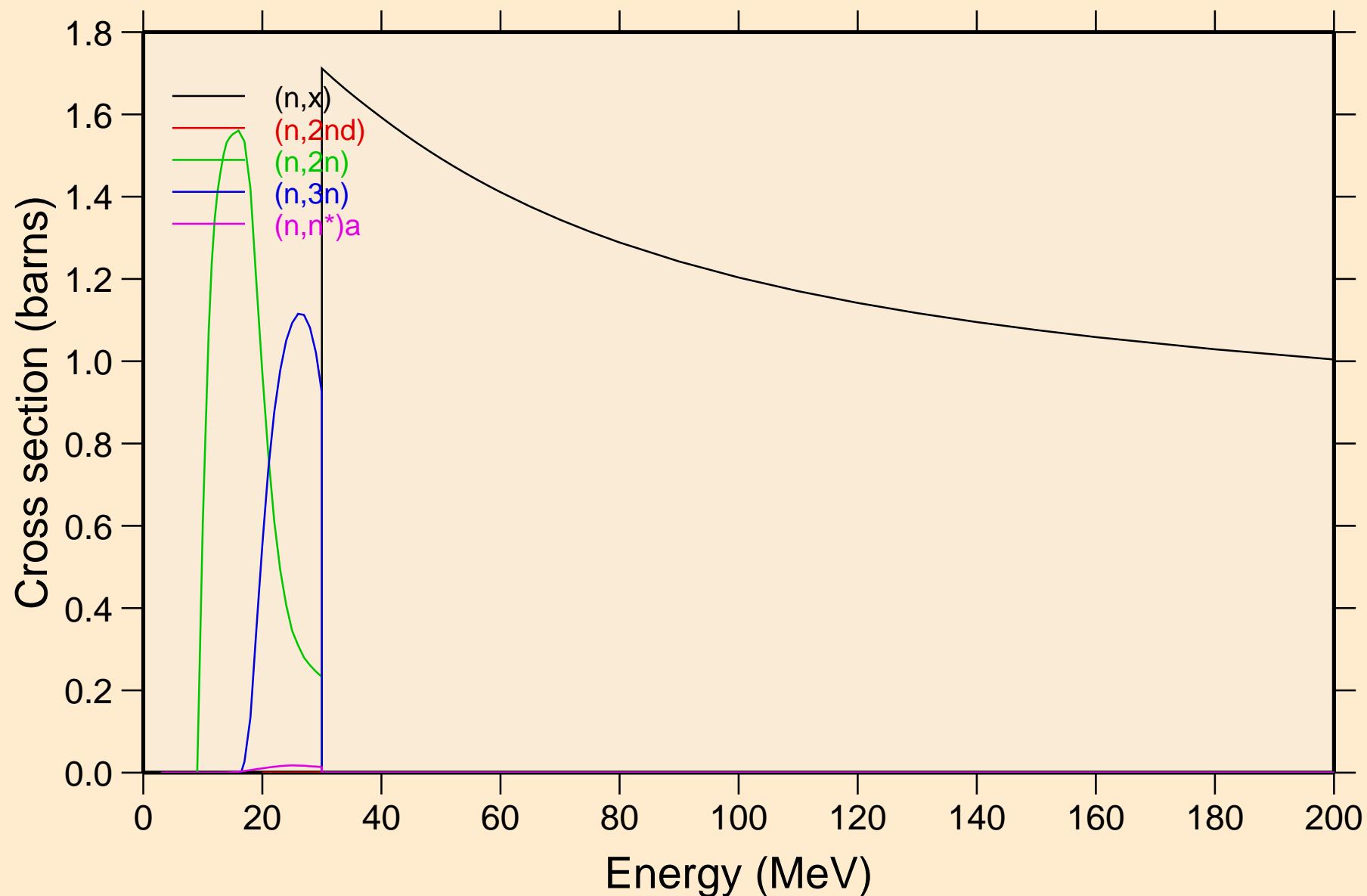
# TC099 NRG TENDL-2015, AKONING

## Inelastic levels

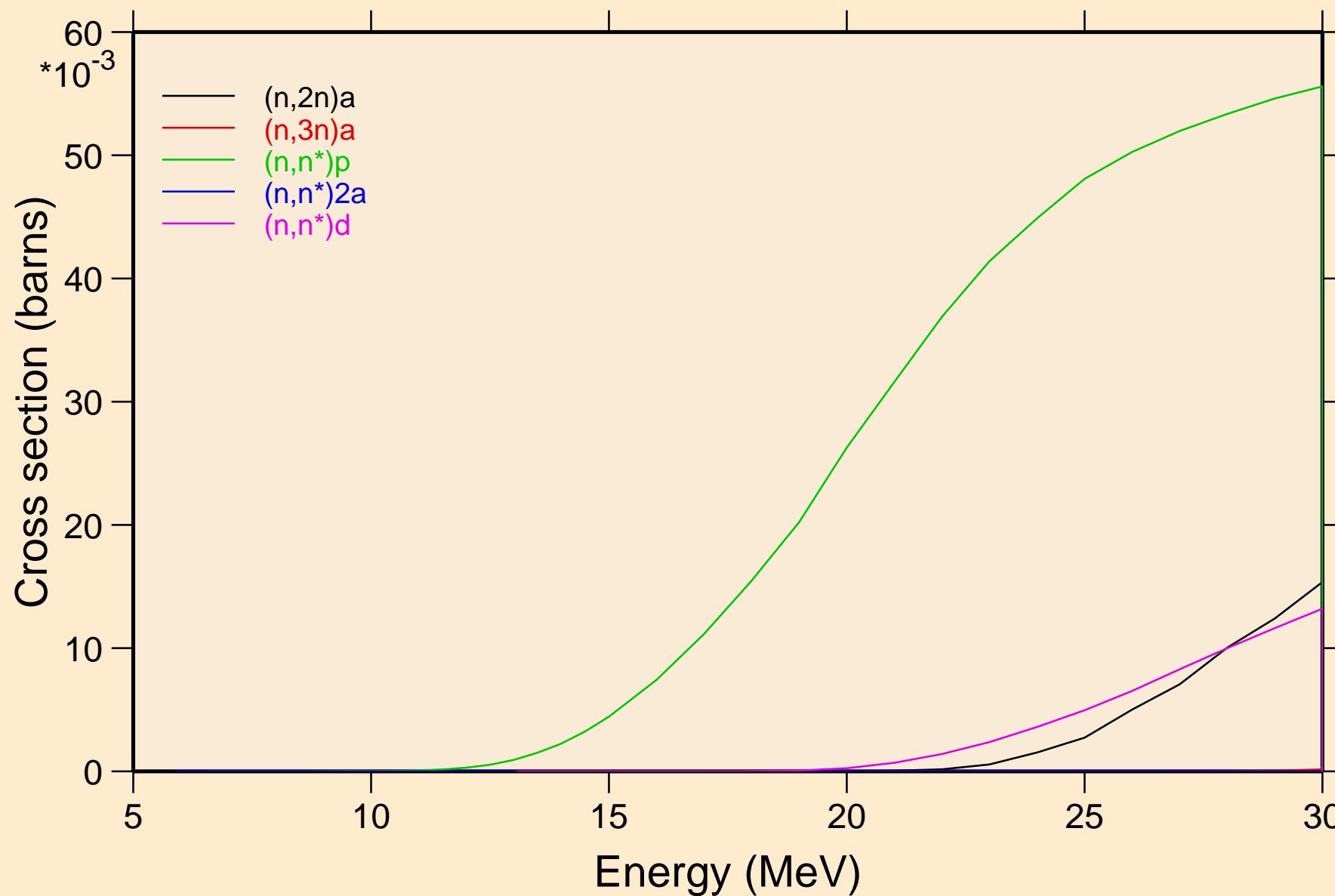


# TC099 NRG TENDL-2015, AKONING

## Threshold reactions

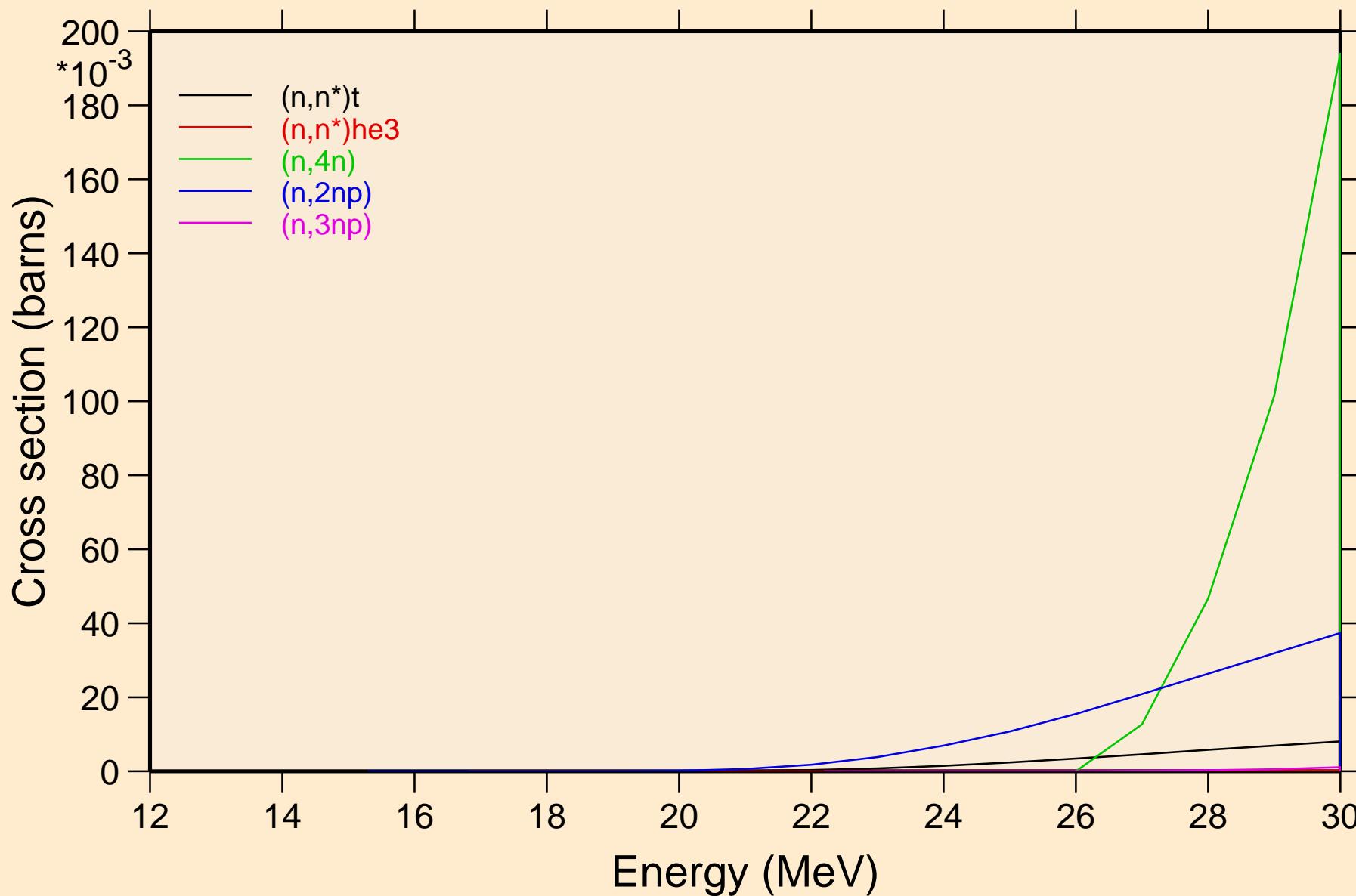


TC099 NRG TENDL-2015, AKONING  
Threshold reactions



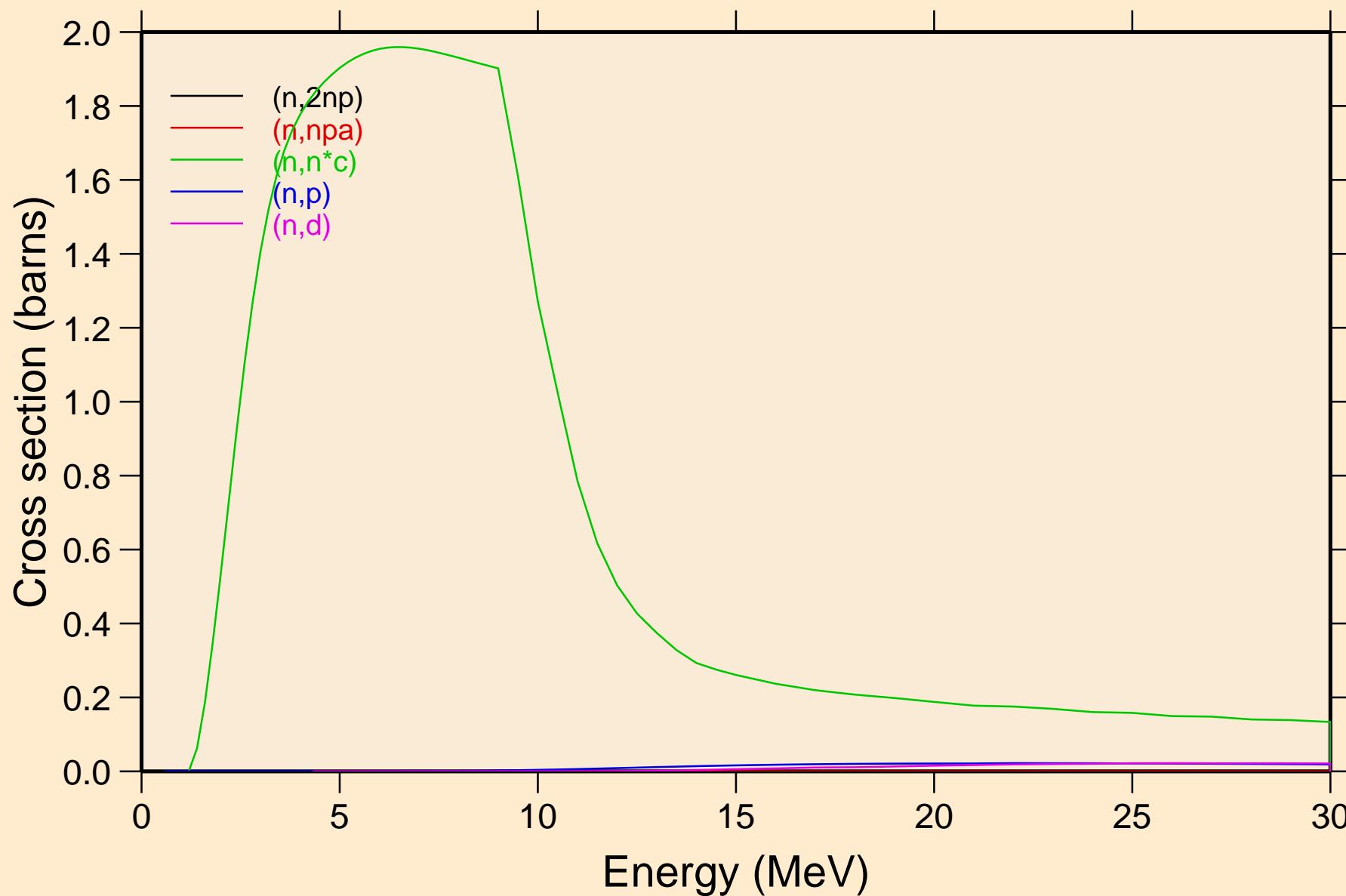
# TC099 NRG TENDL-2015, AKONING

## Threshold reactions



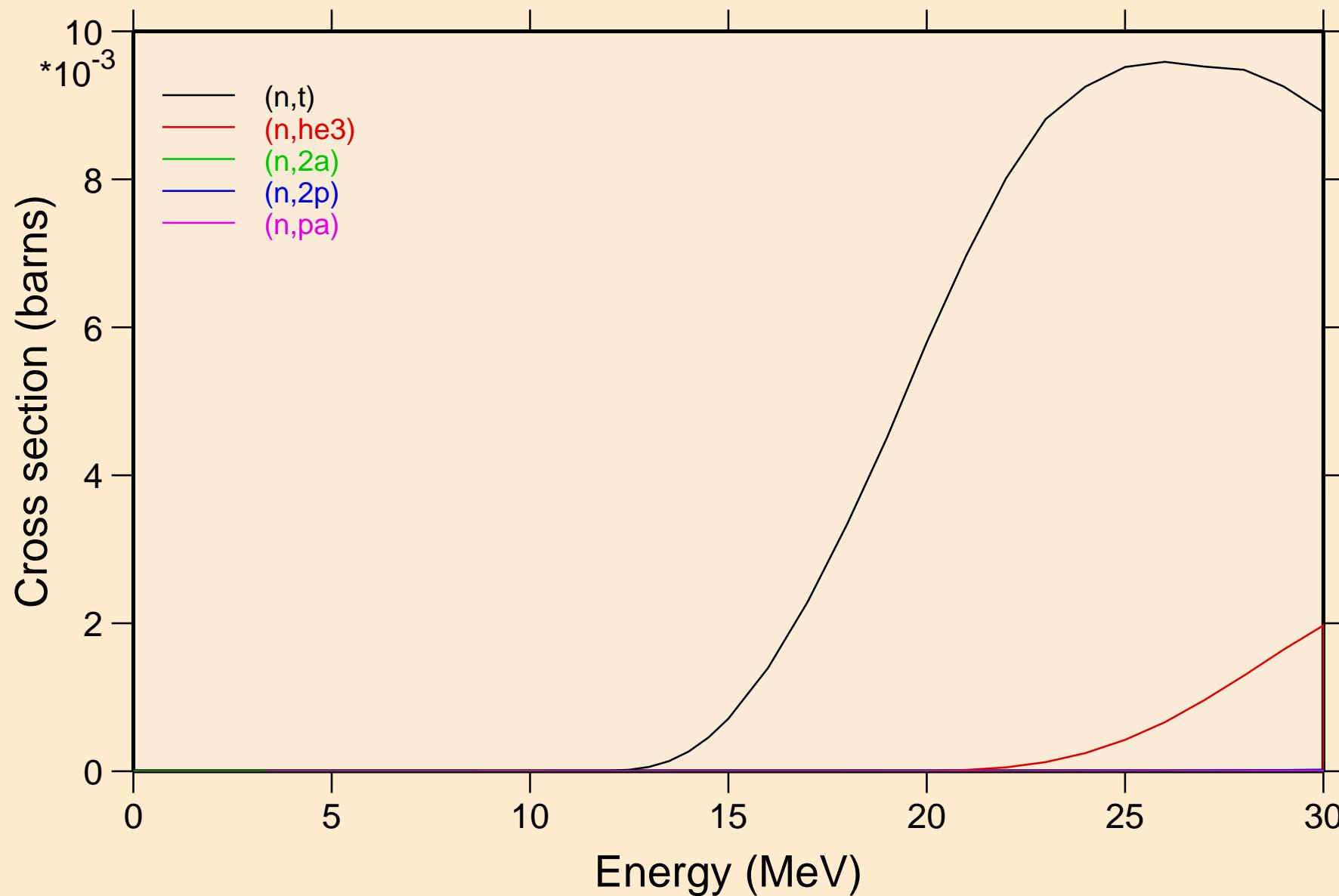
# TC099 NRG TENDL-2015, AKONING

## Threshold reactions

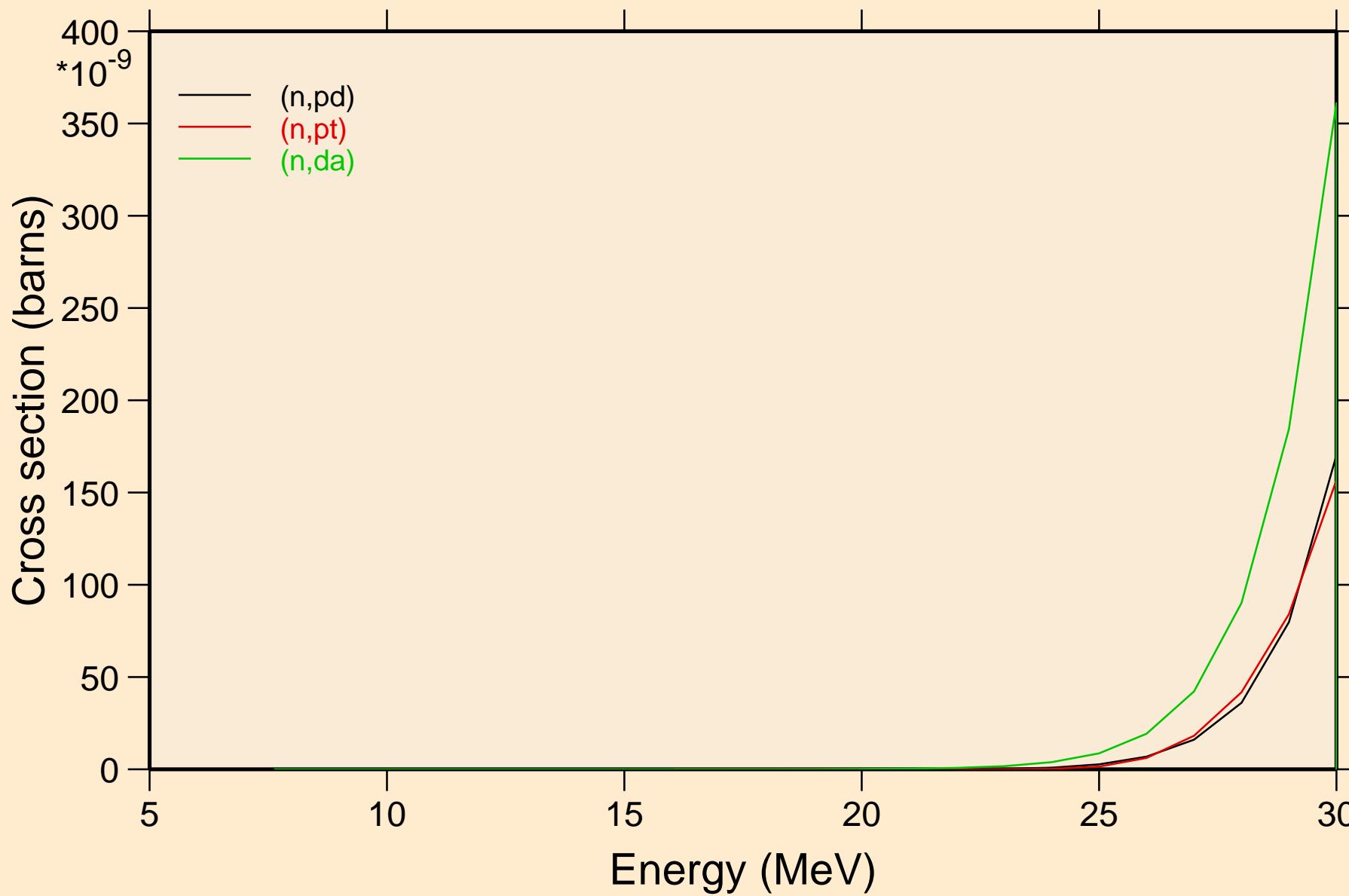


# TC099 NRG TENDL-2015, AKONING

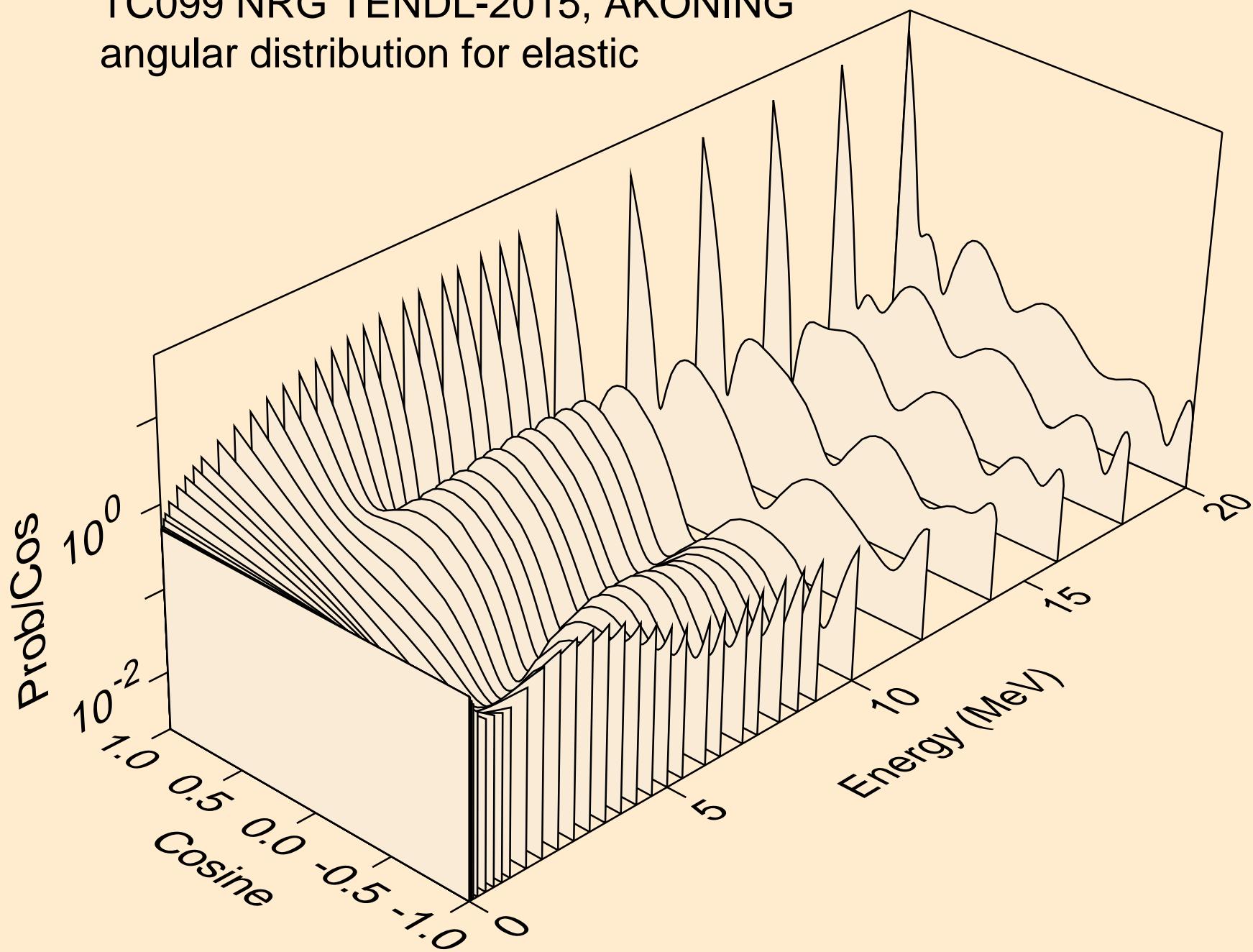
## Threshold reactions



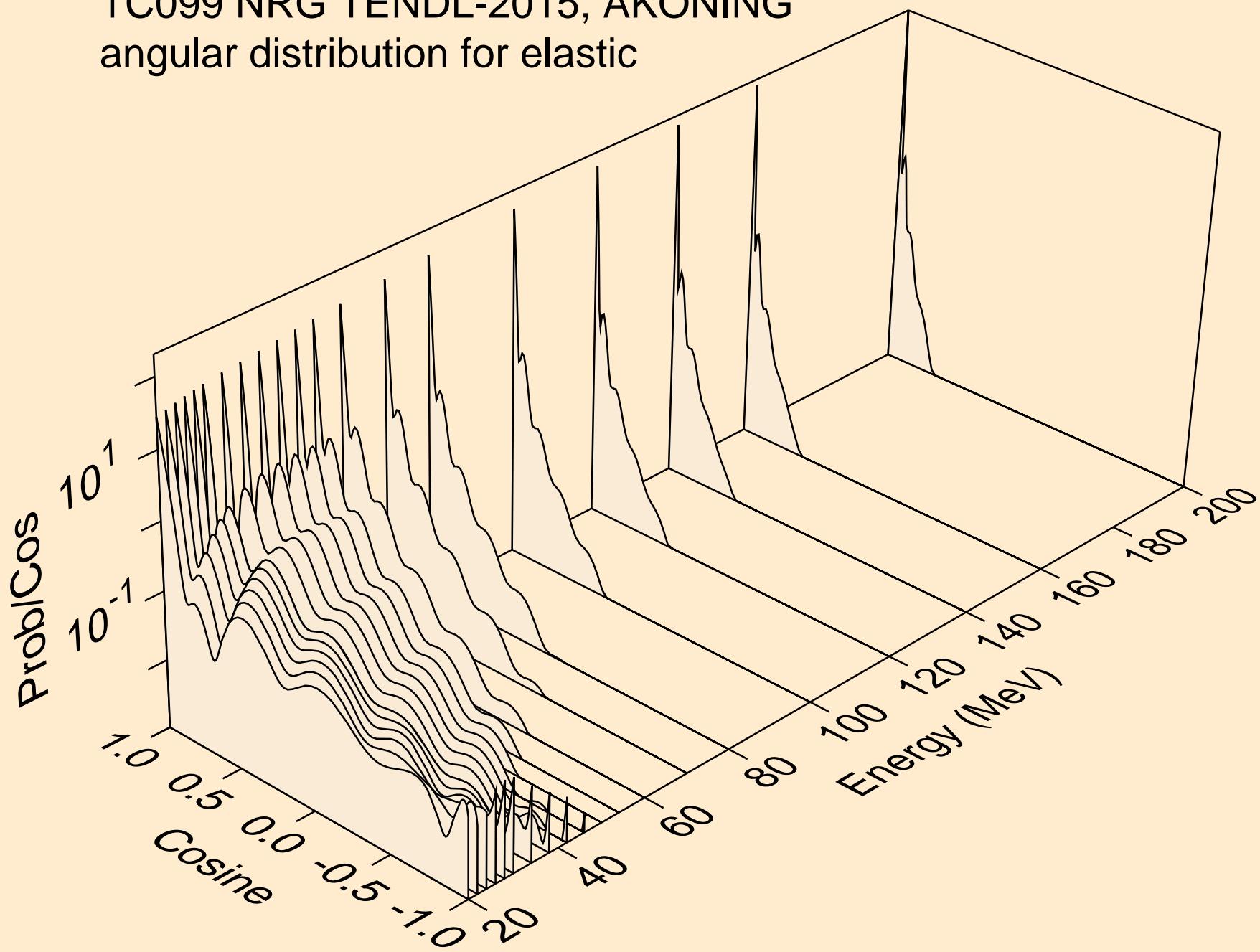
TC099 NRG TENDL-2015, AKONING  
Threshold reactions



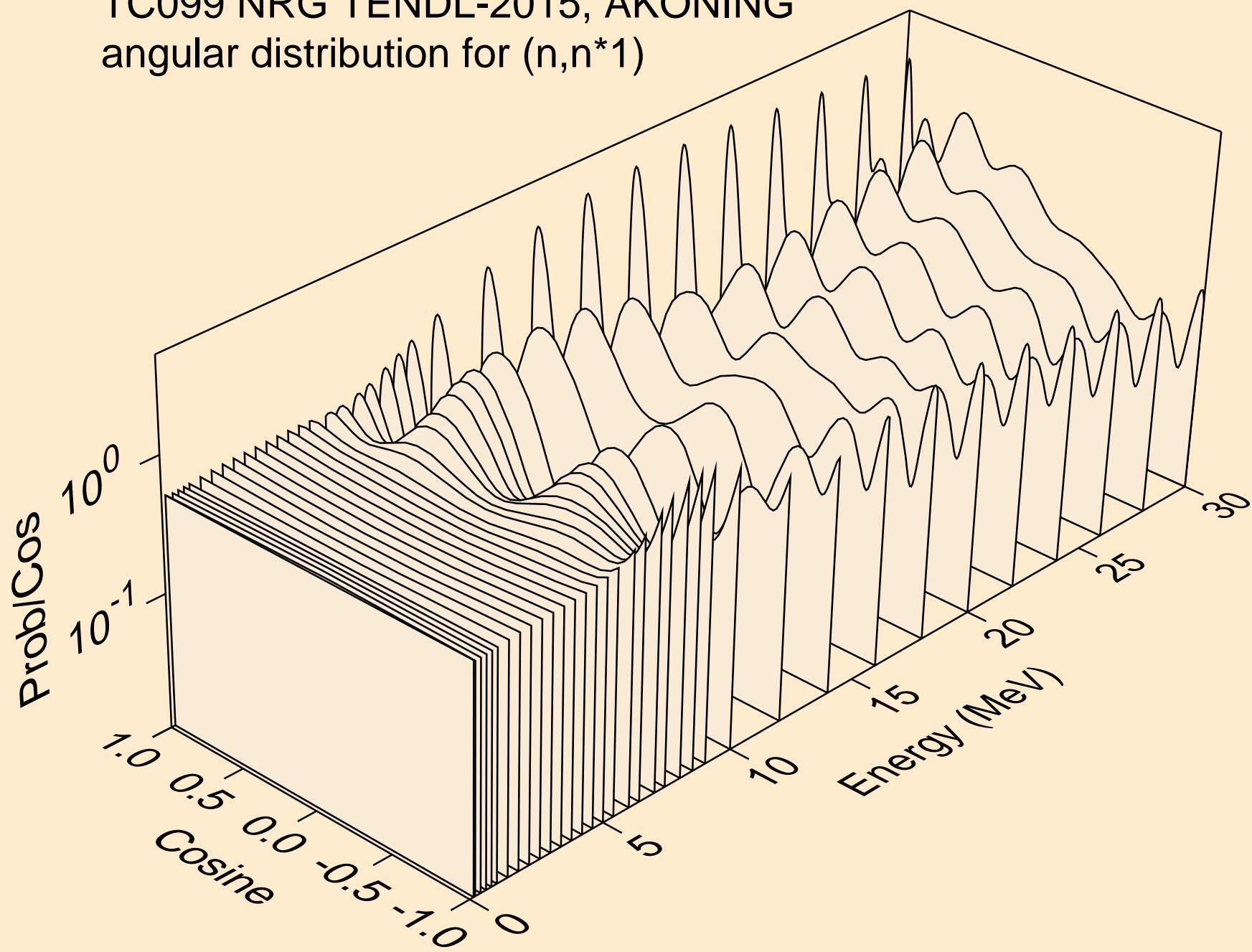
TC099 NRG TENDL-2015, AKONING  
angular distribution for elastic



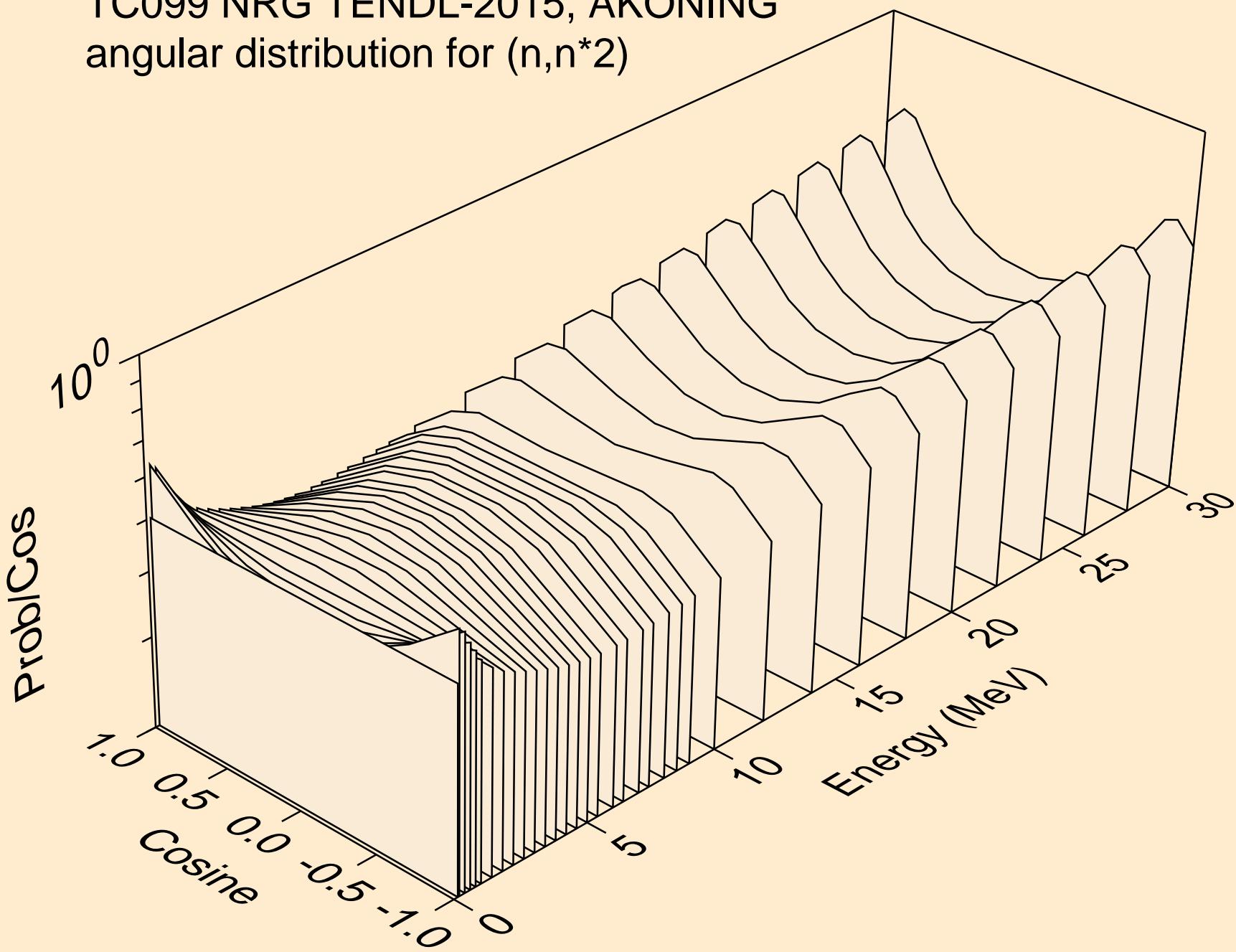
TC099 NRG TENDL-2015, AKONING  
angular distribution for elastic



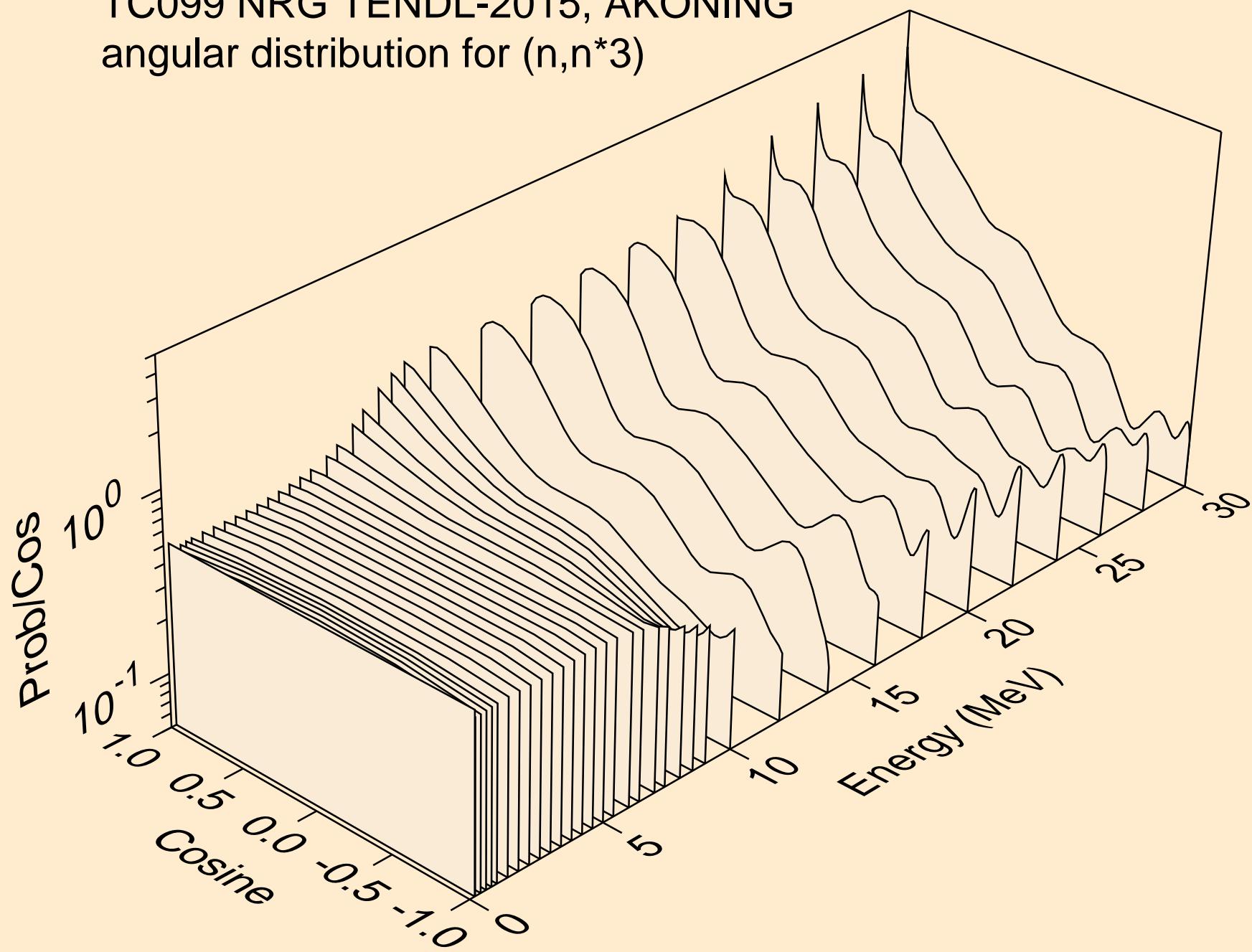
TC099 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)$



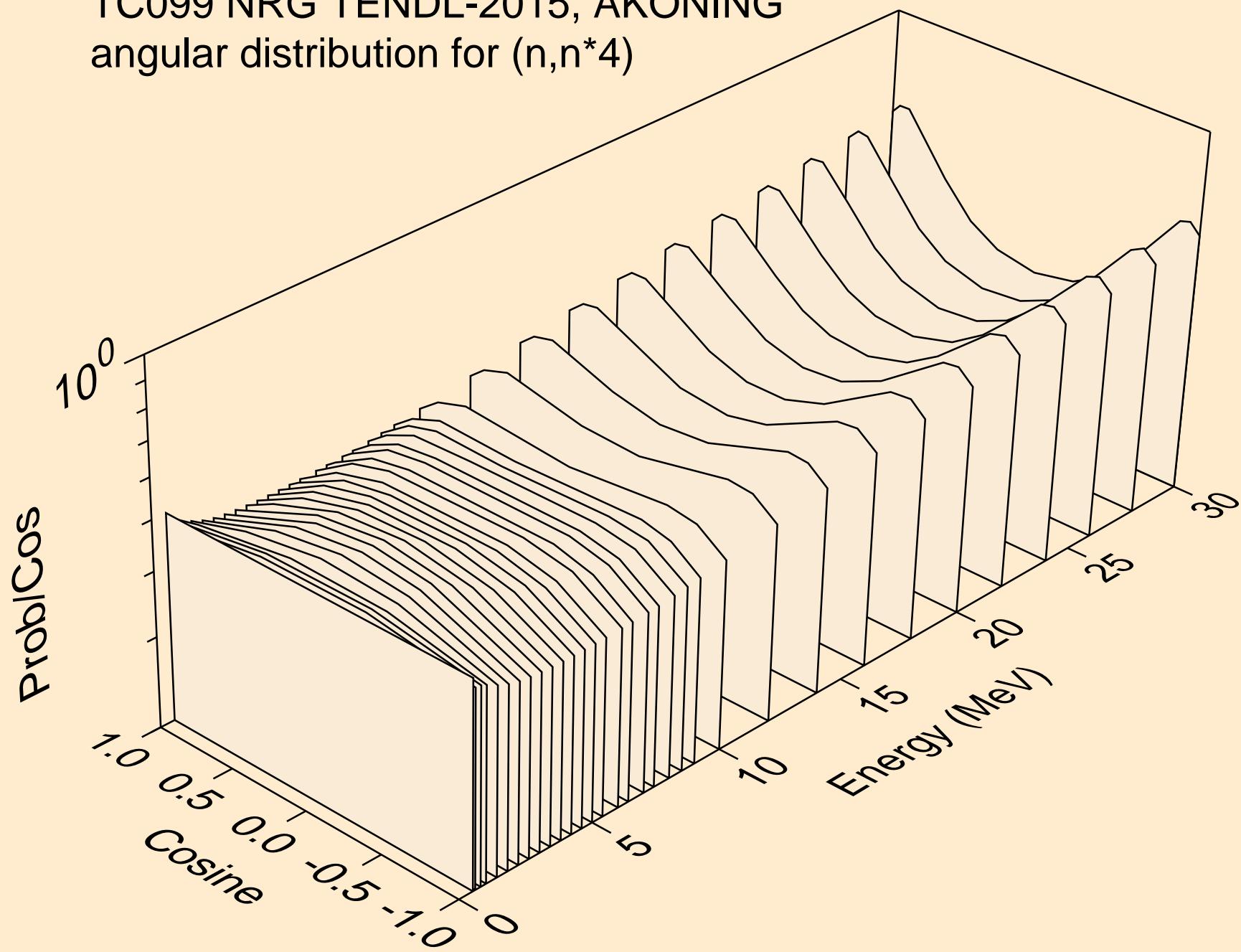
TC099 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*2)$



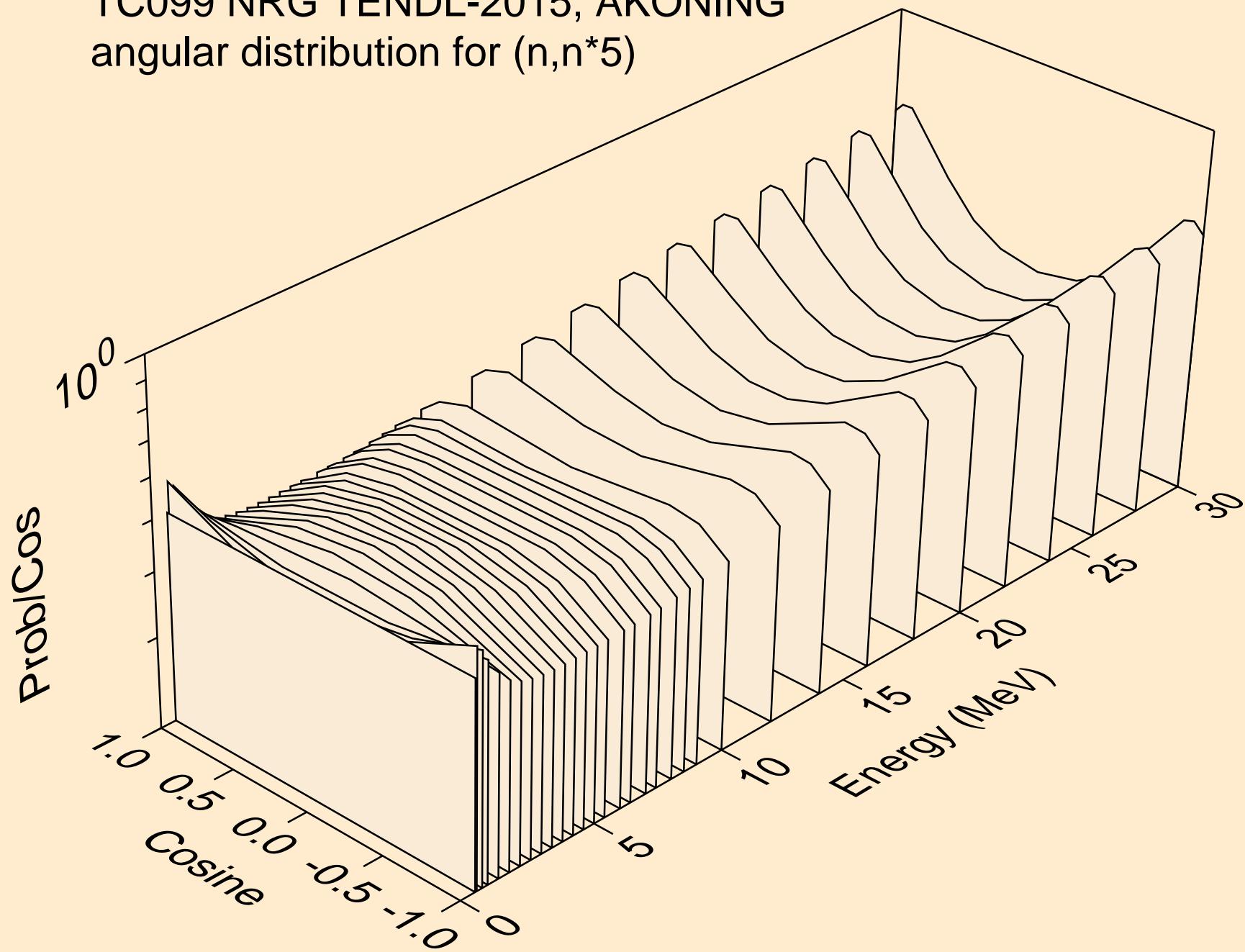
TC099 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*3)$



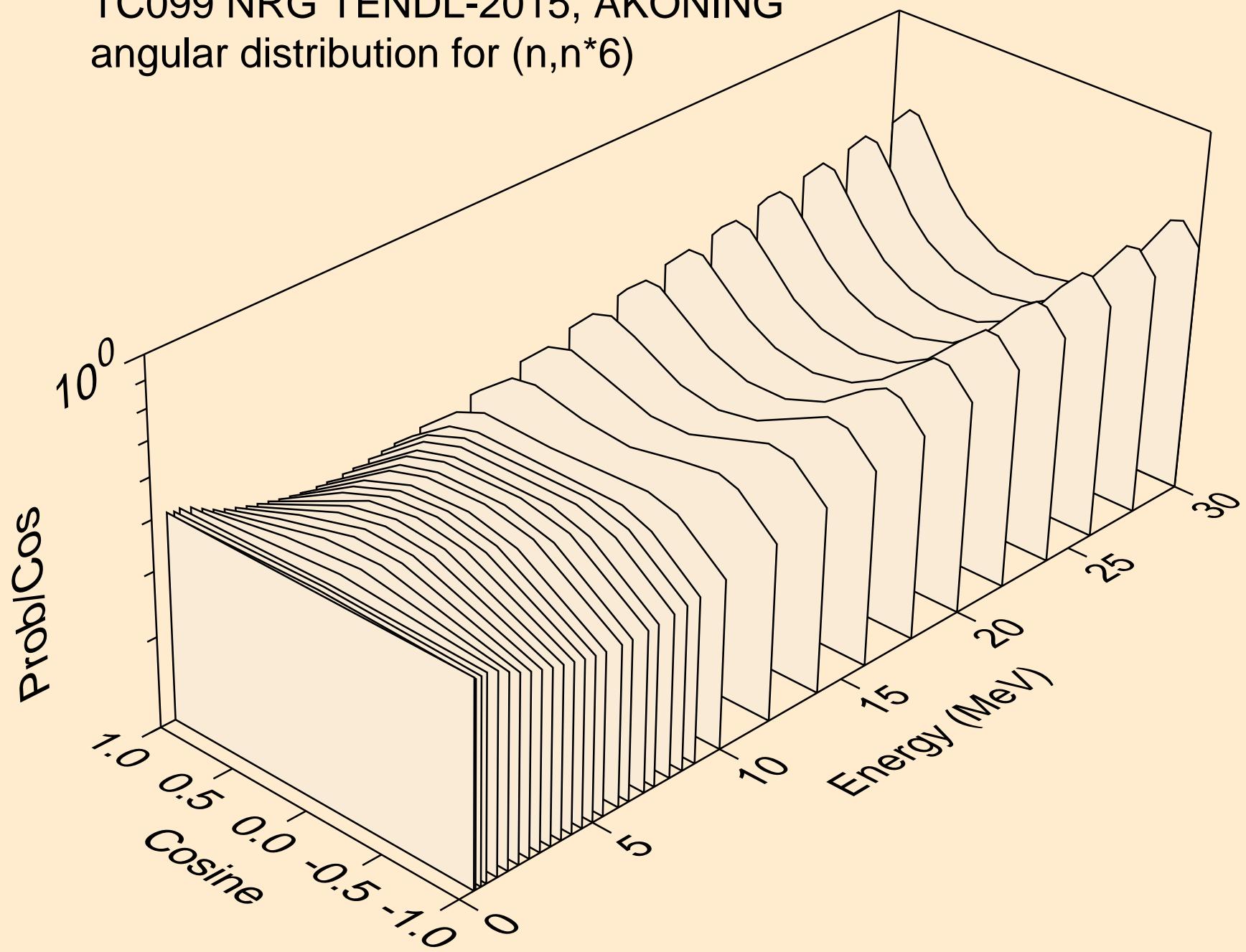
TC099 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*4)$



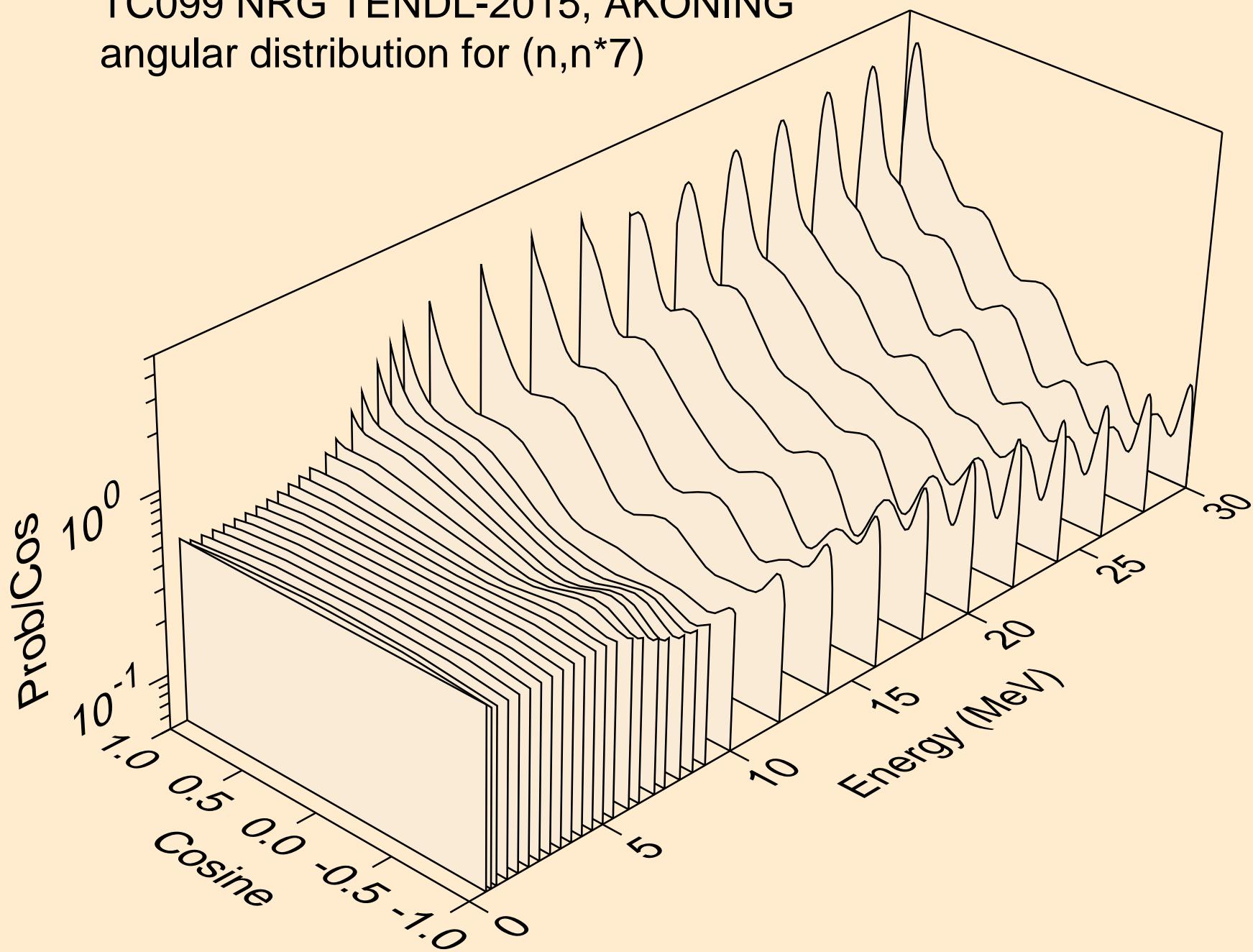
TC099 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^5$



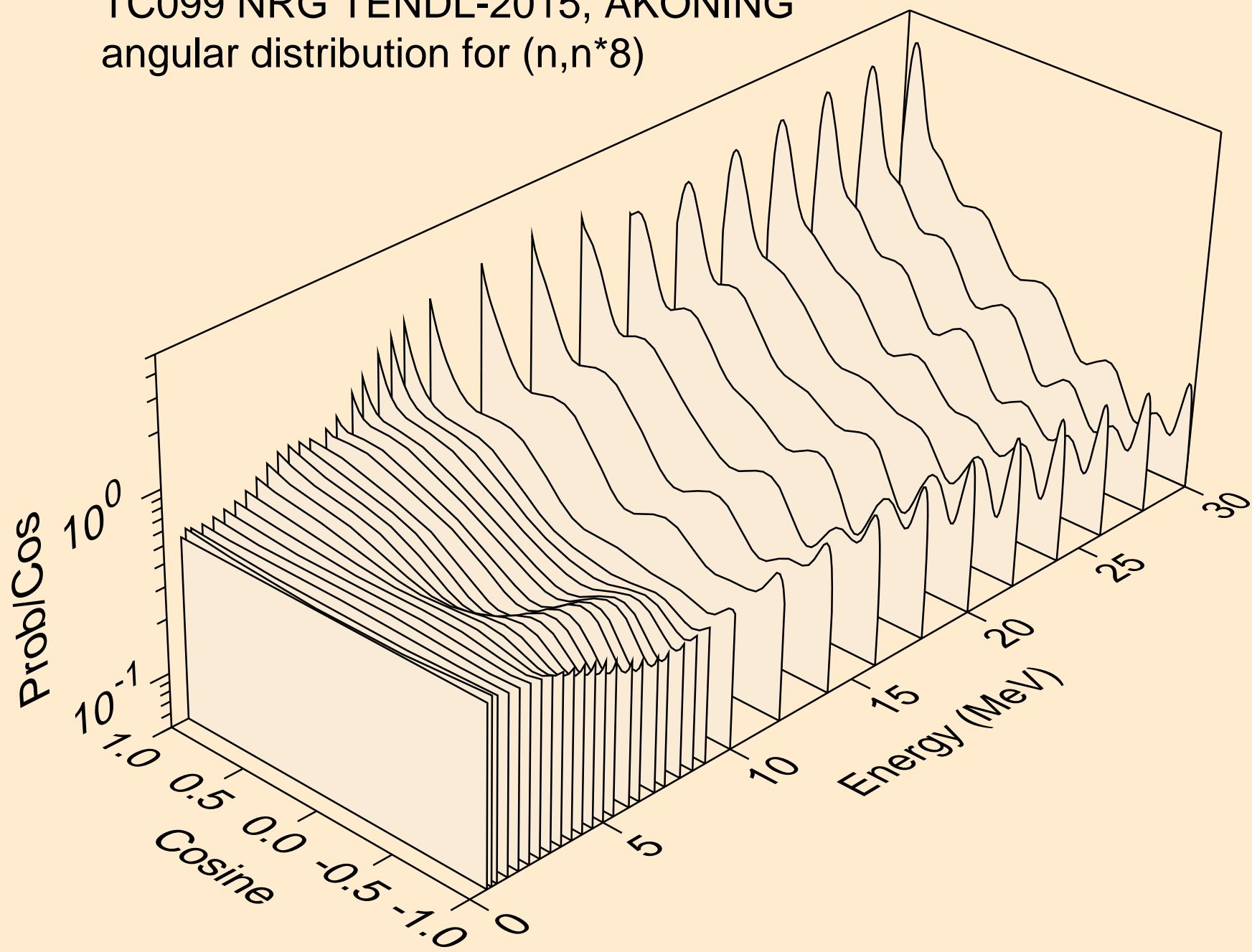
TC099 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*6)$



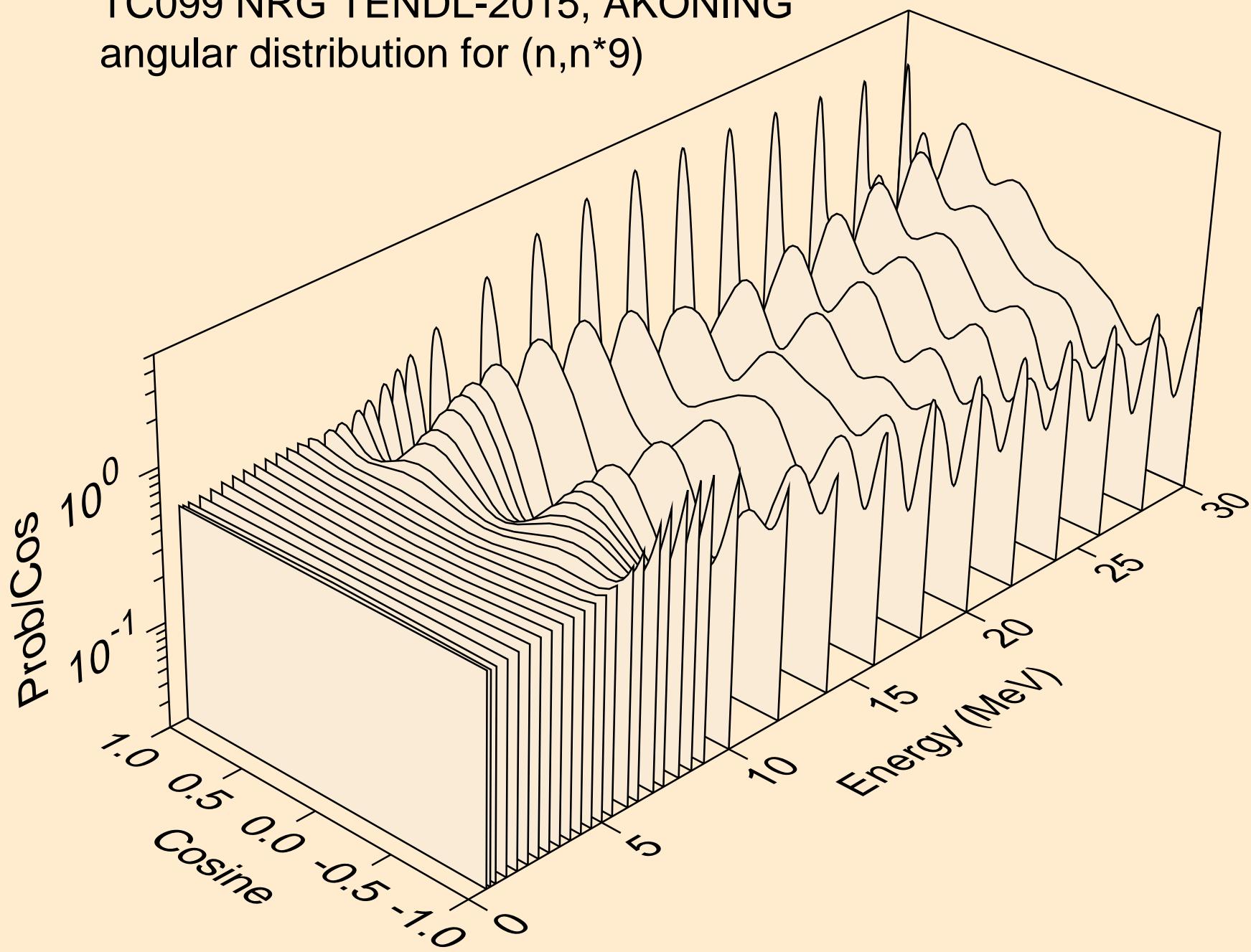
TC099 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^7$



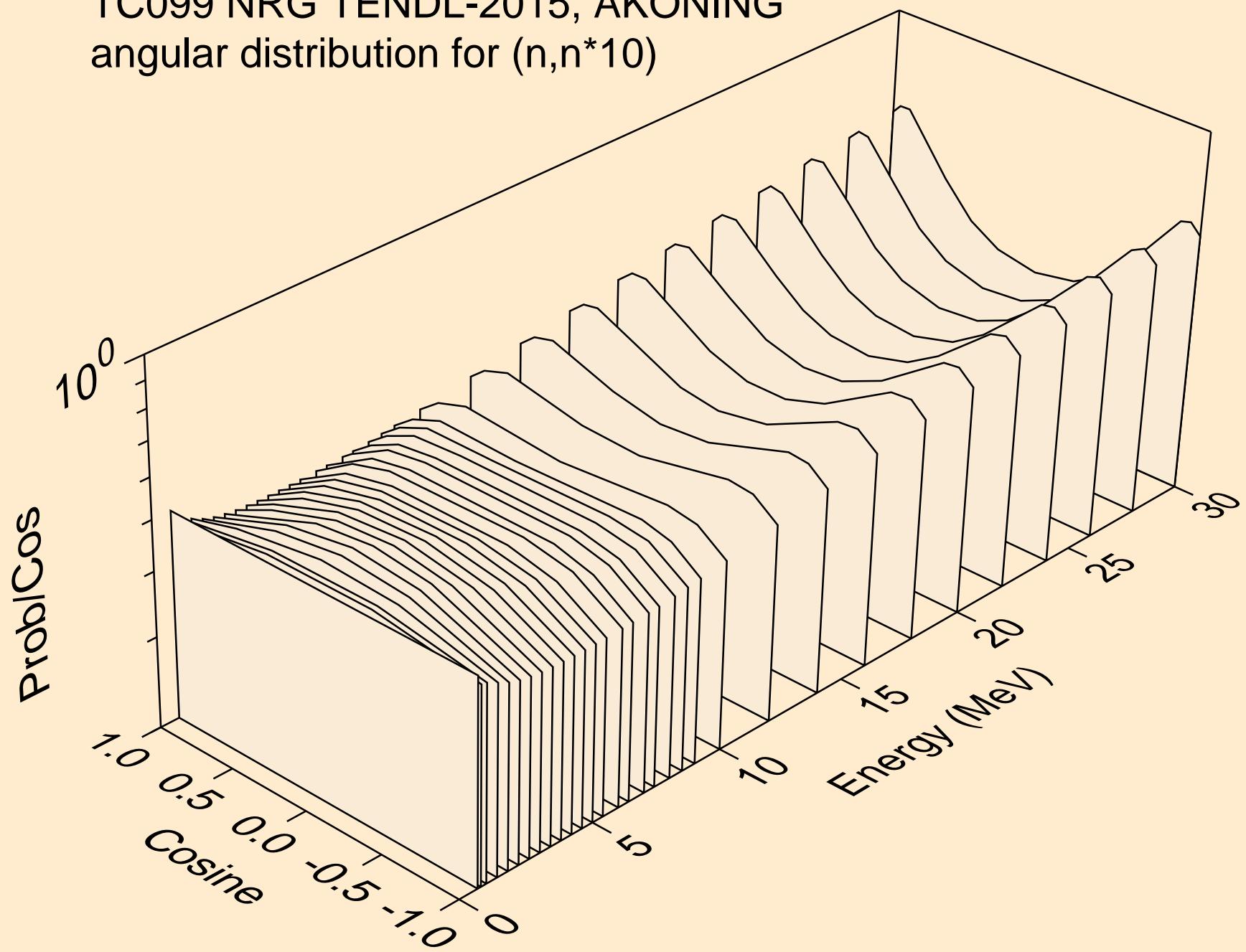
TC099 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^8$



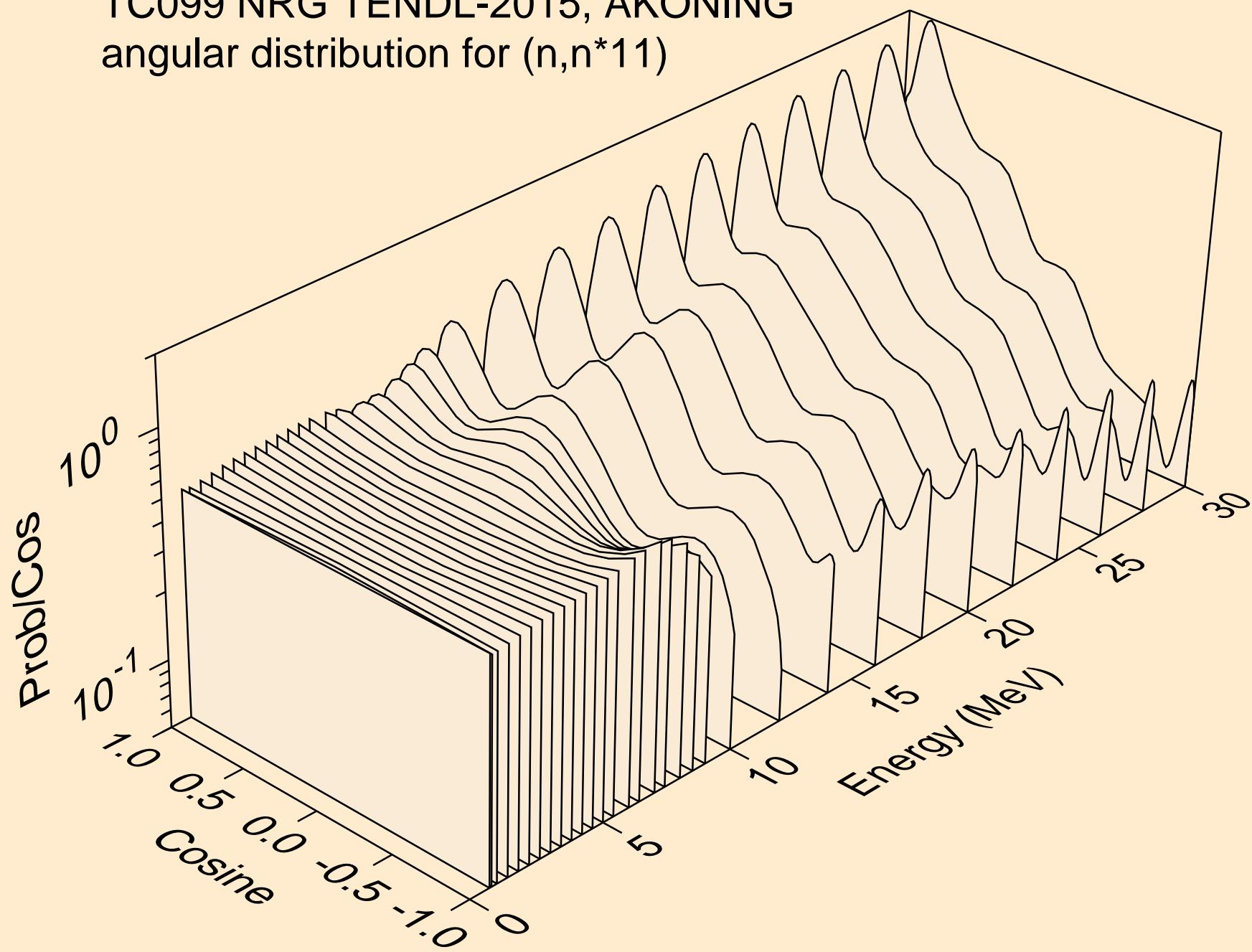
TC099 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)9$



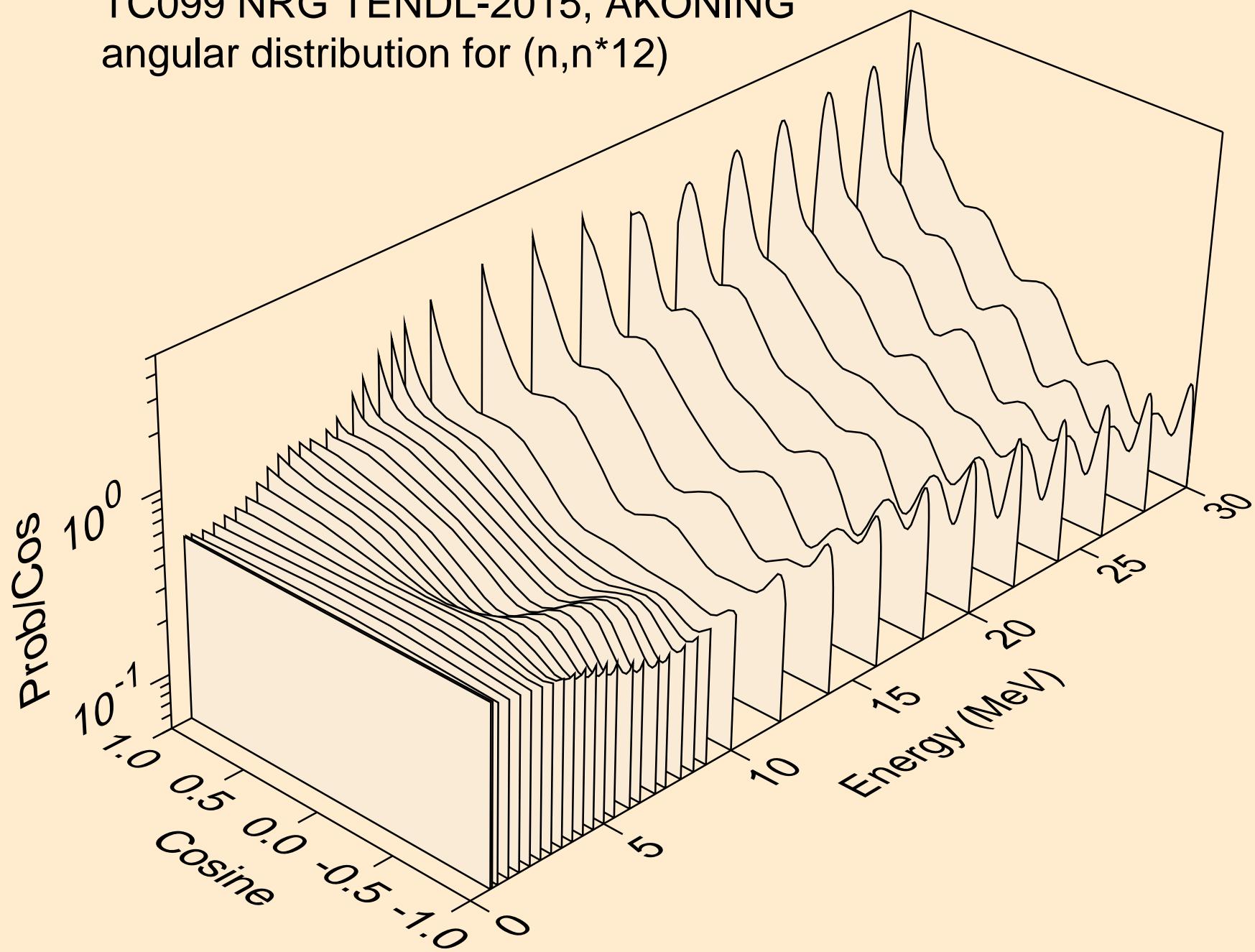
TC099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



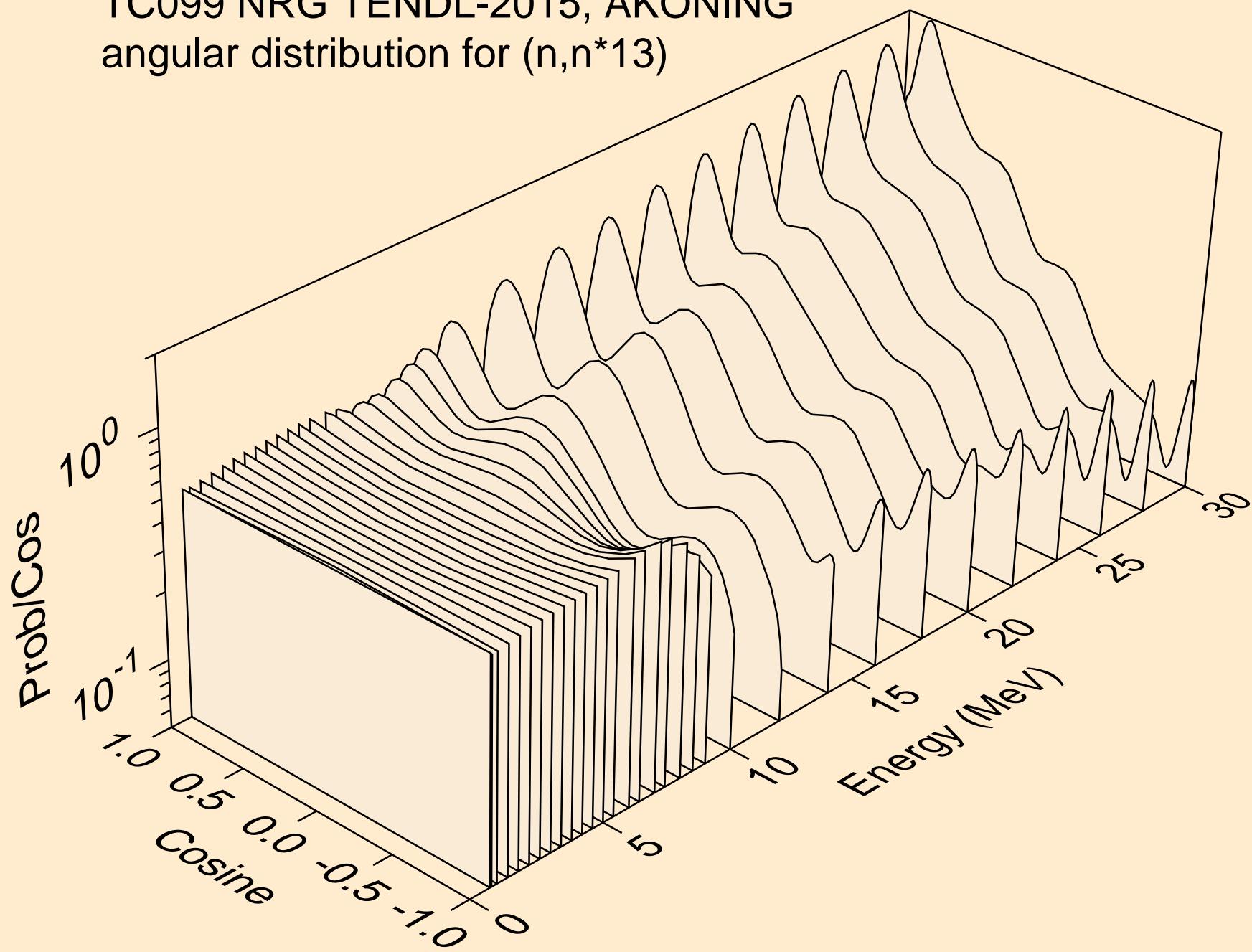
TC099 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*11)$



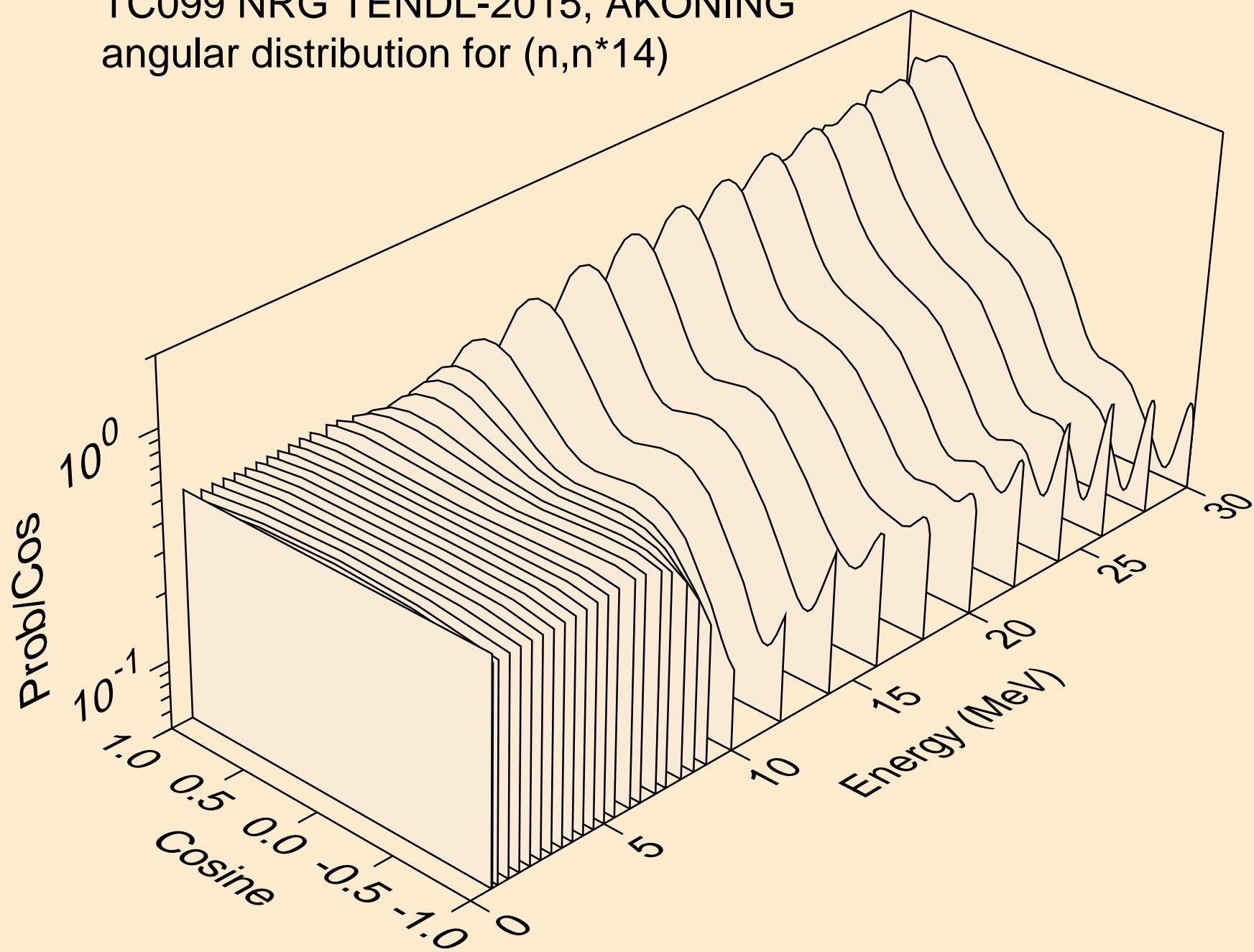
TC099 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*12)$



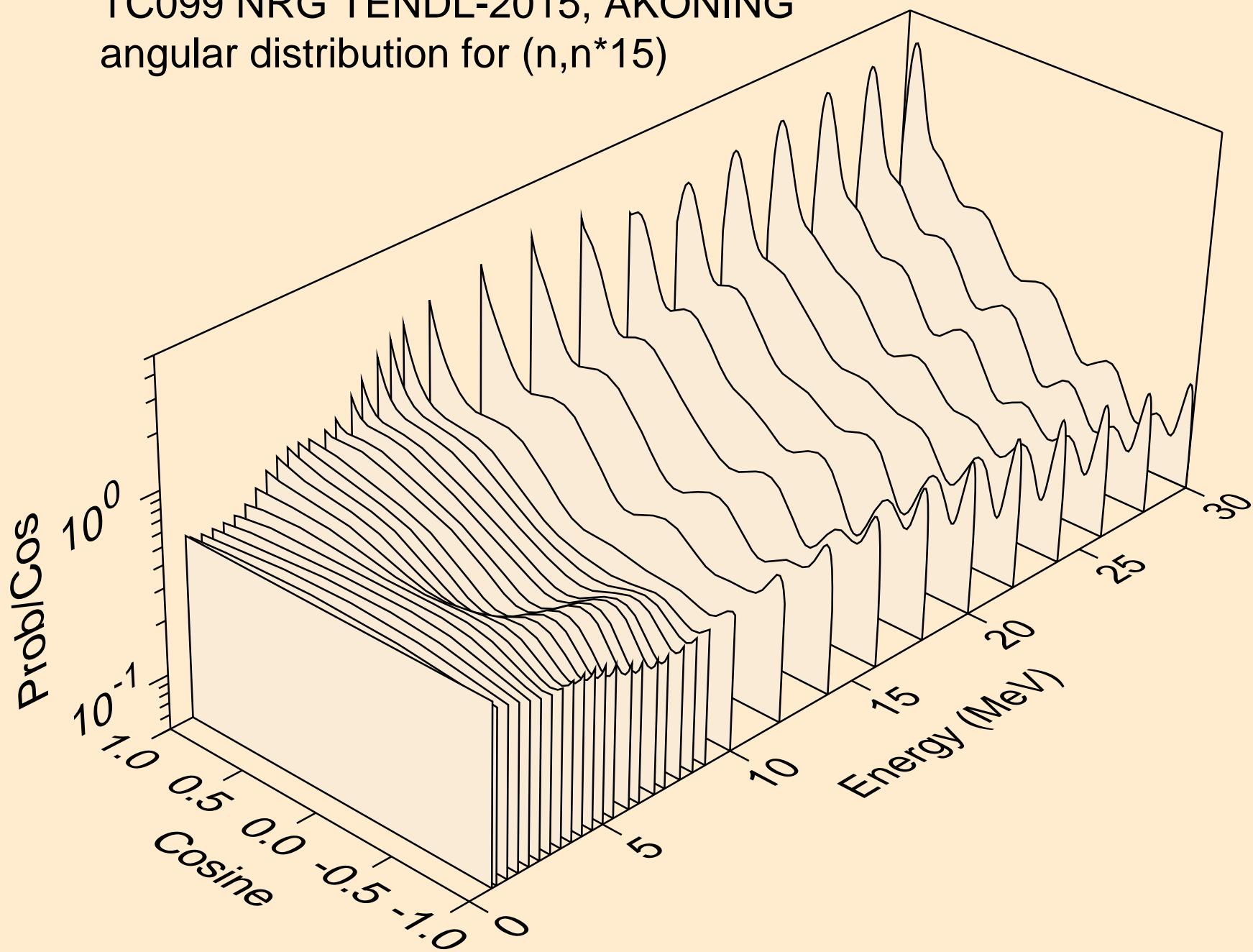
TC099 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*13)$



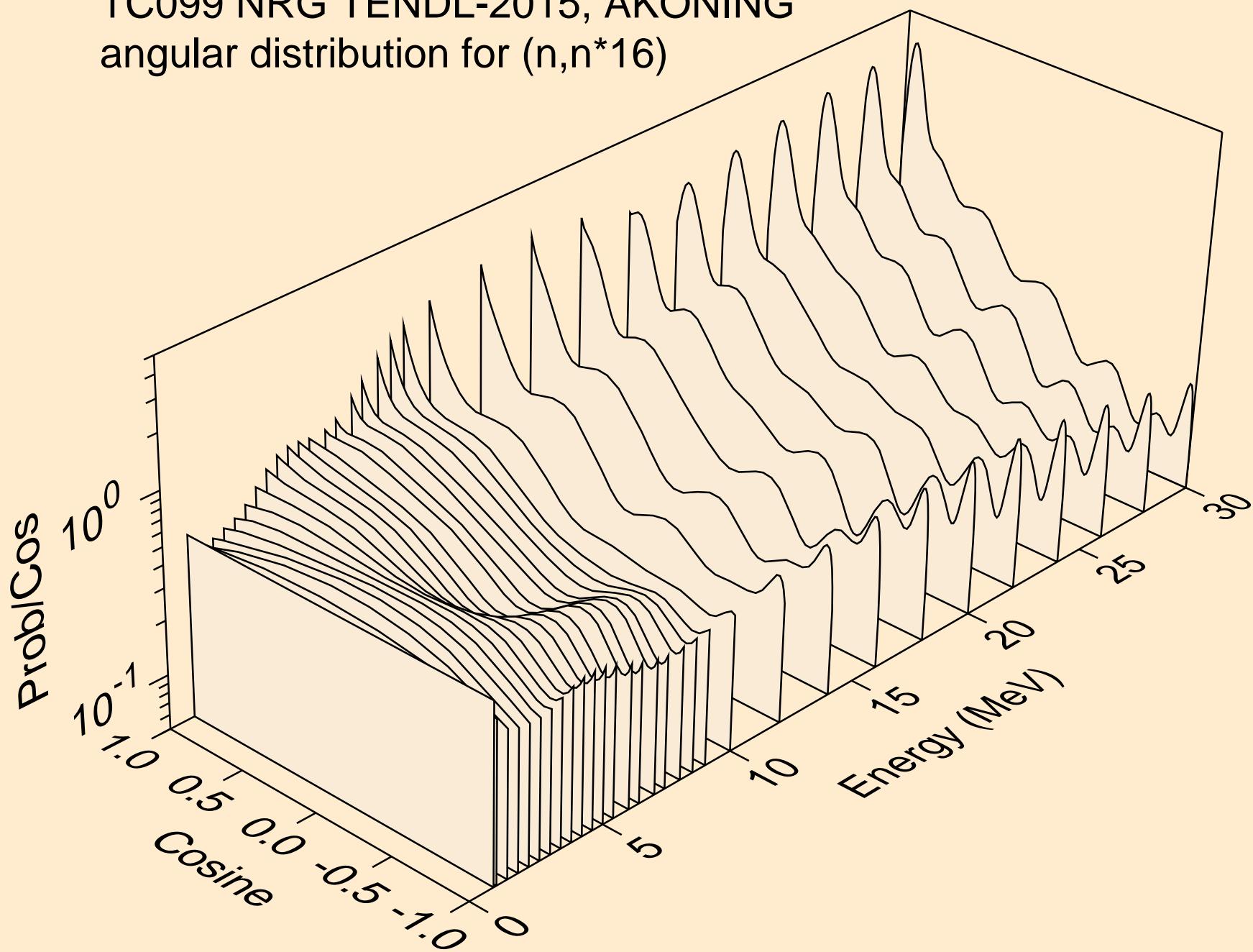
TC099 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*14)$



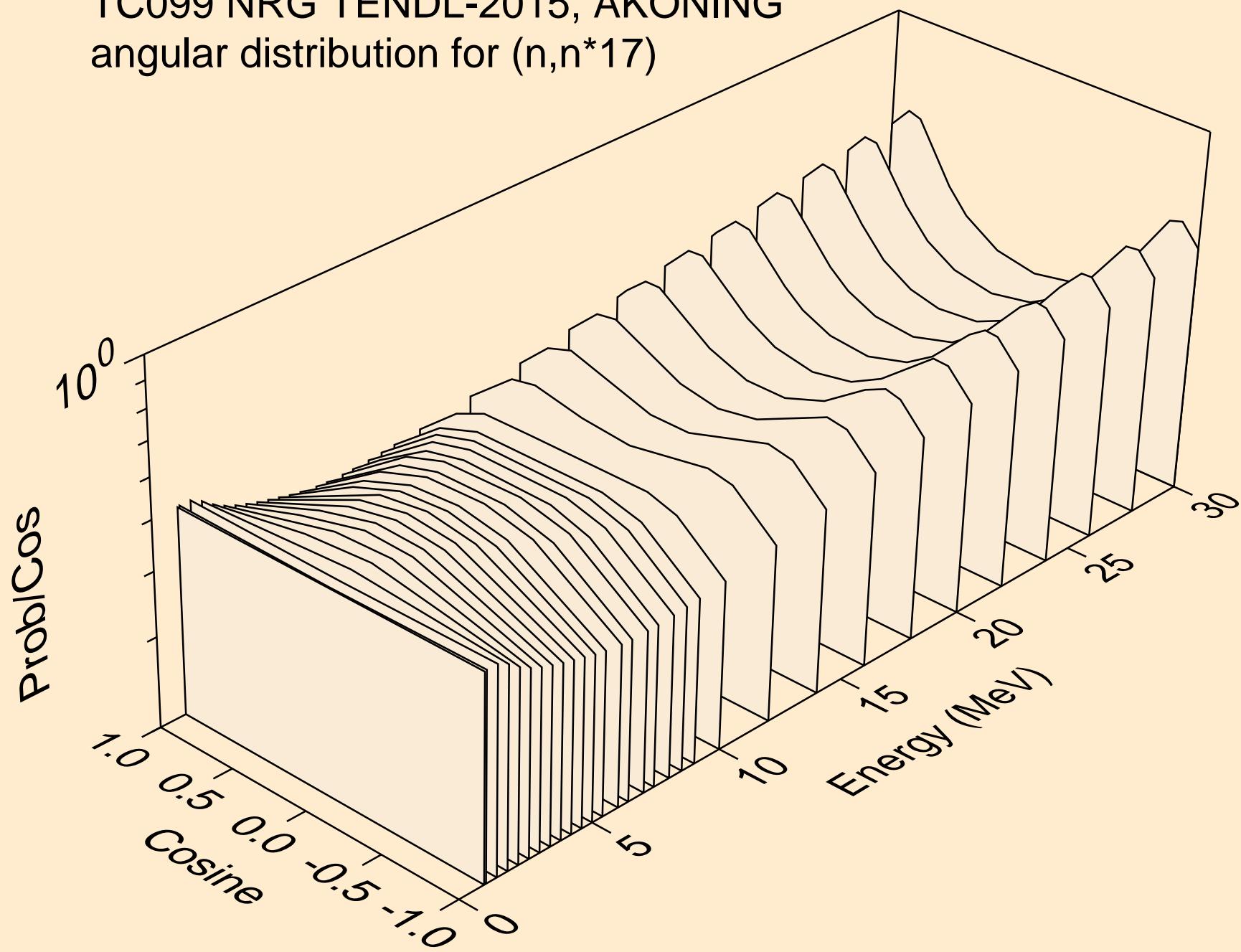
TC099 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*15)$



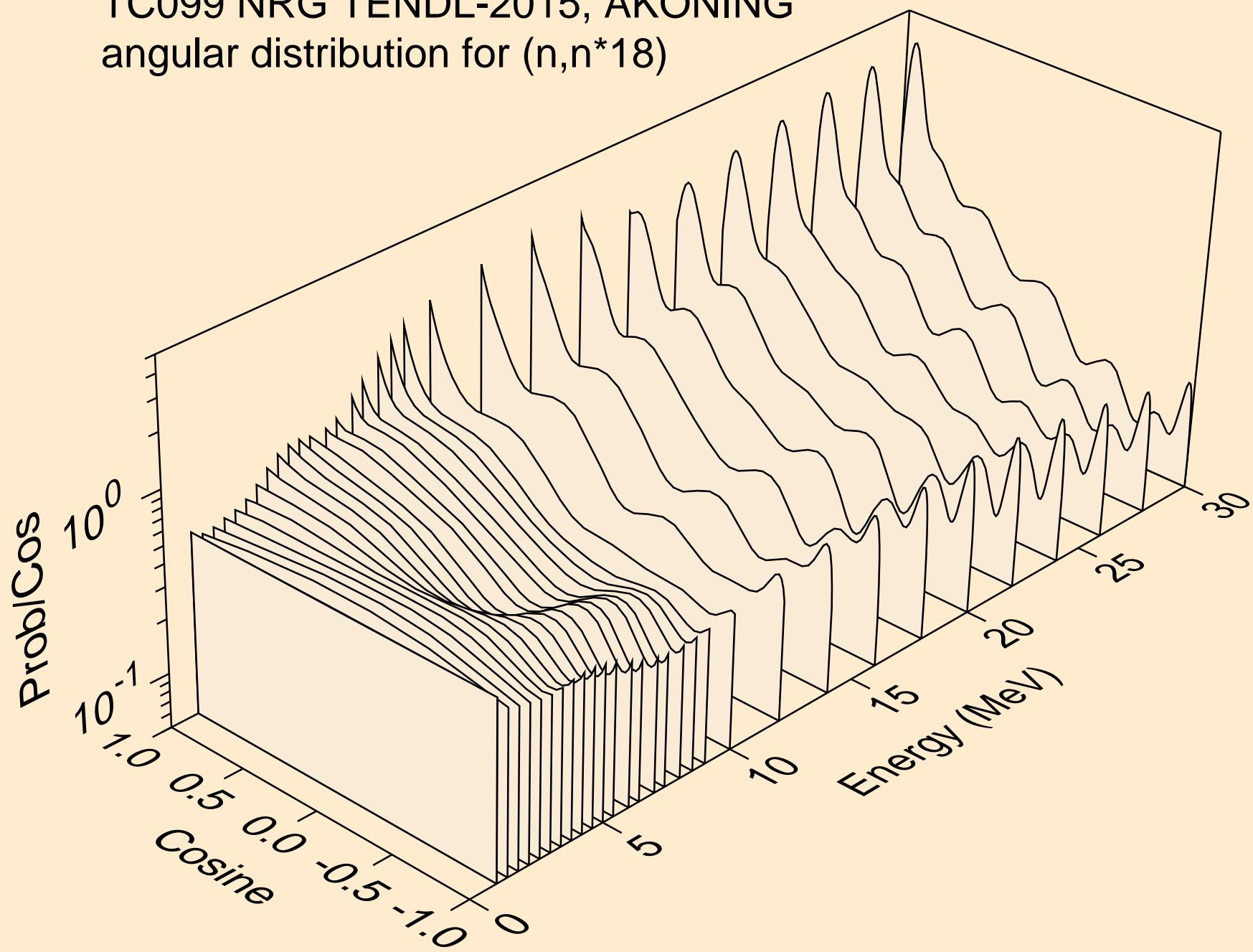
TC099 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*16)$



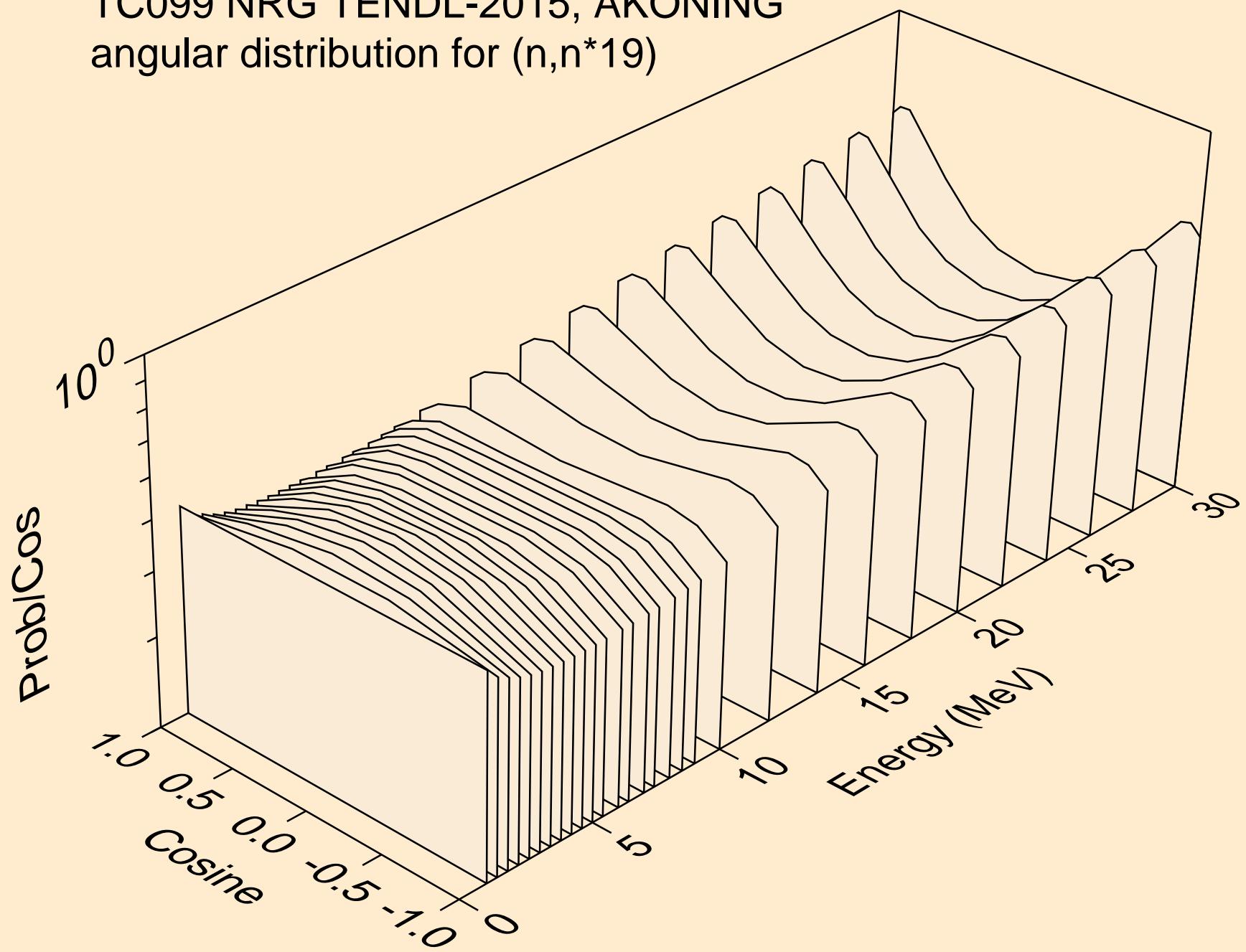
TC099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



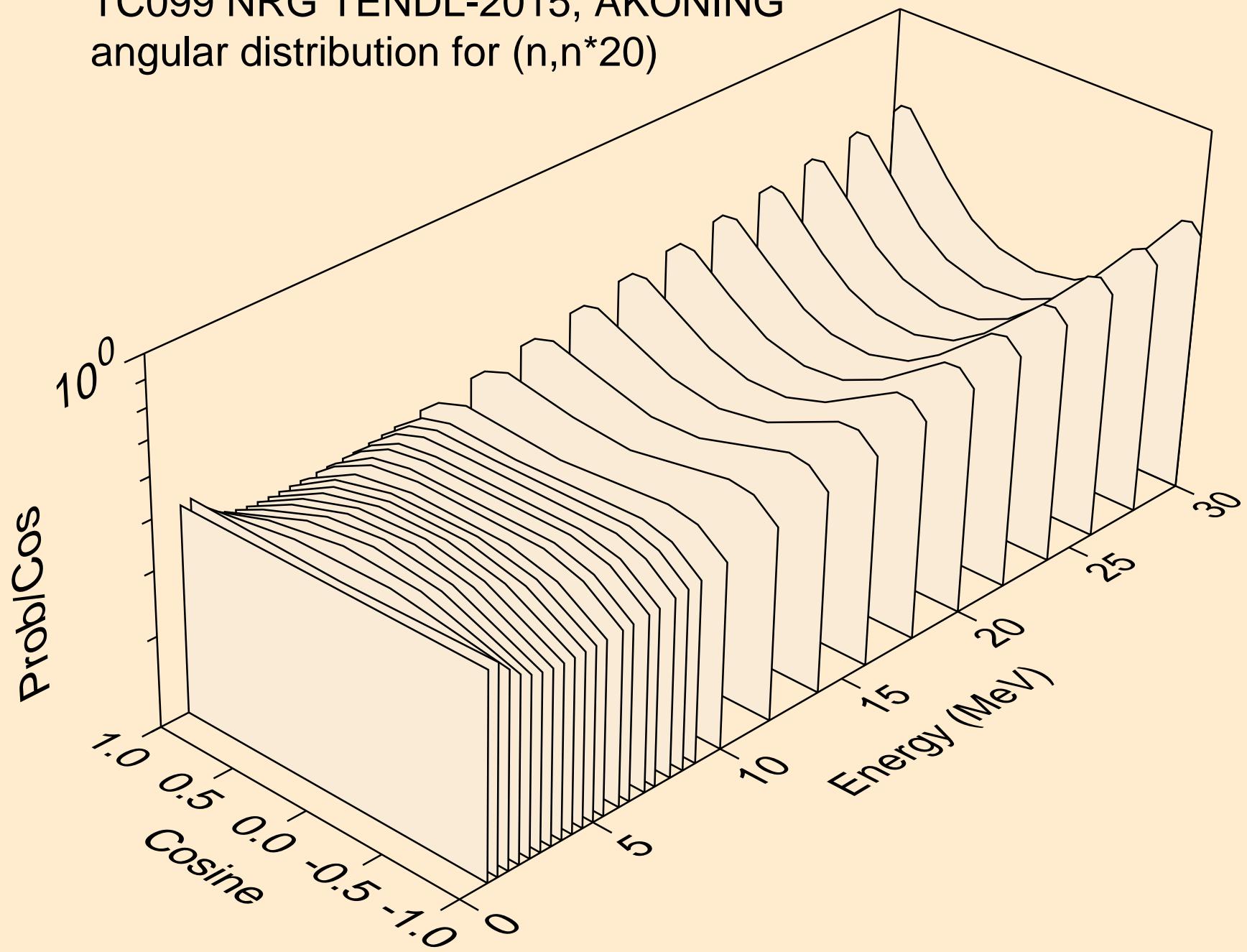
TC099 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*18)$



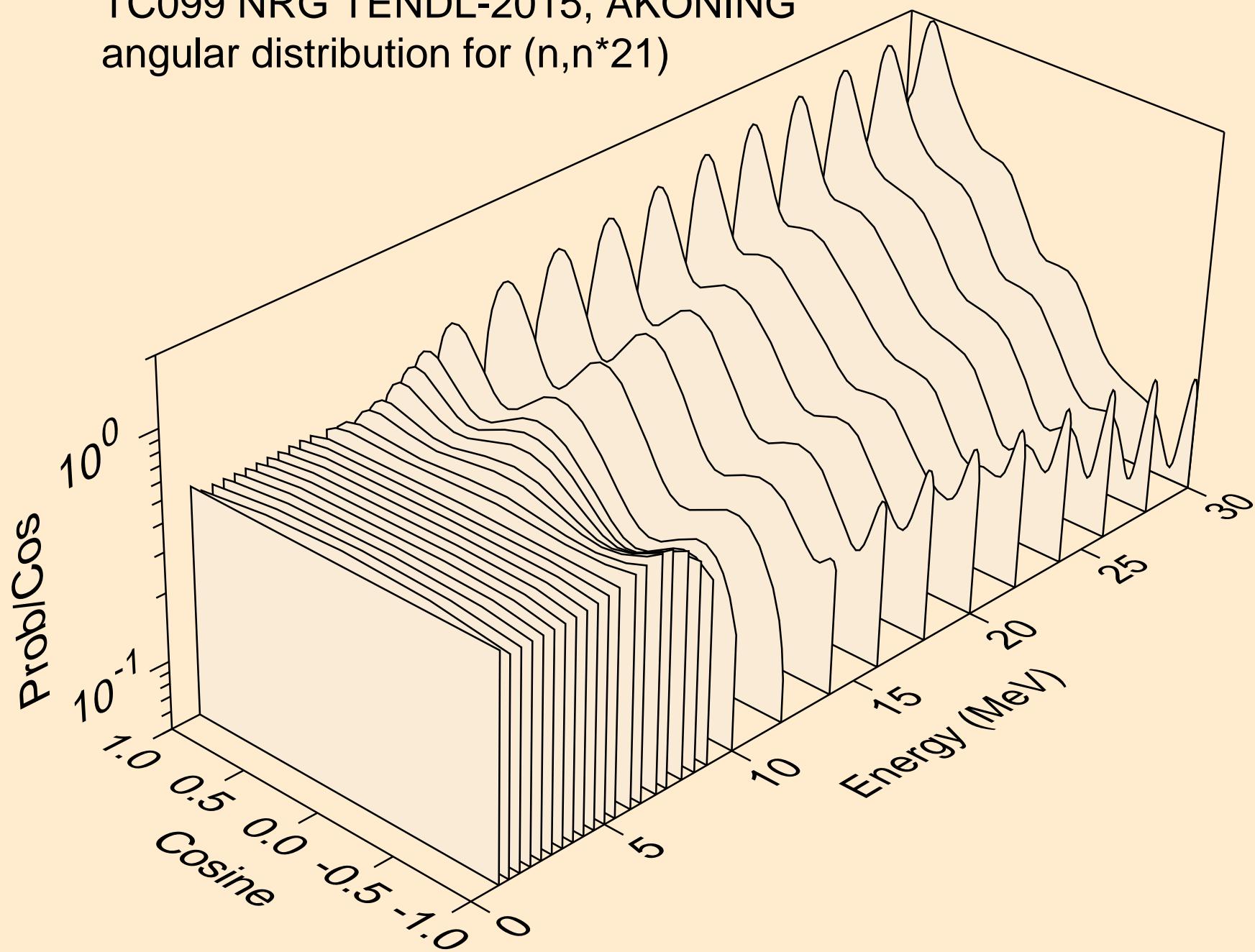
TC099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



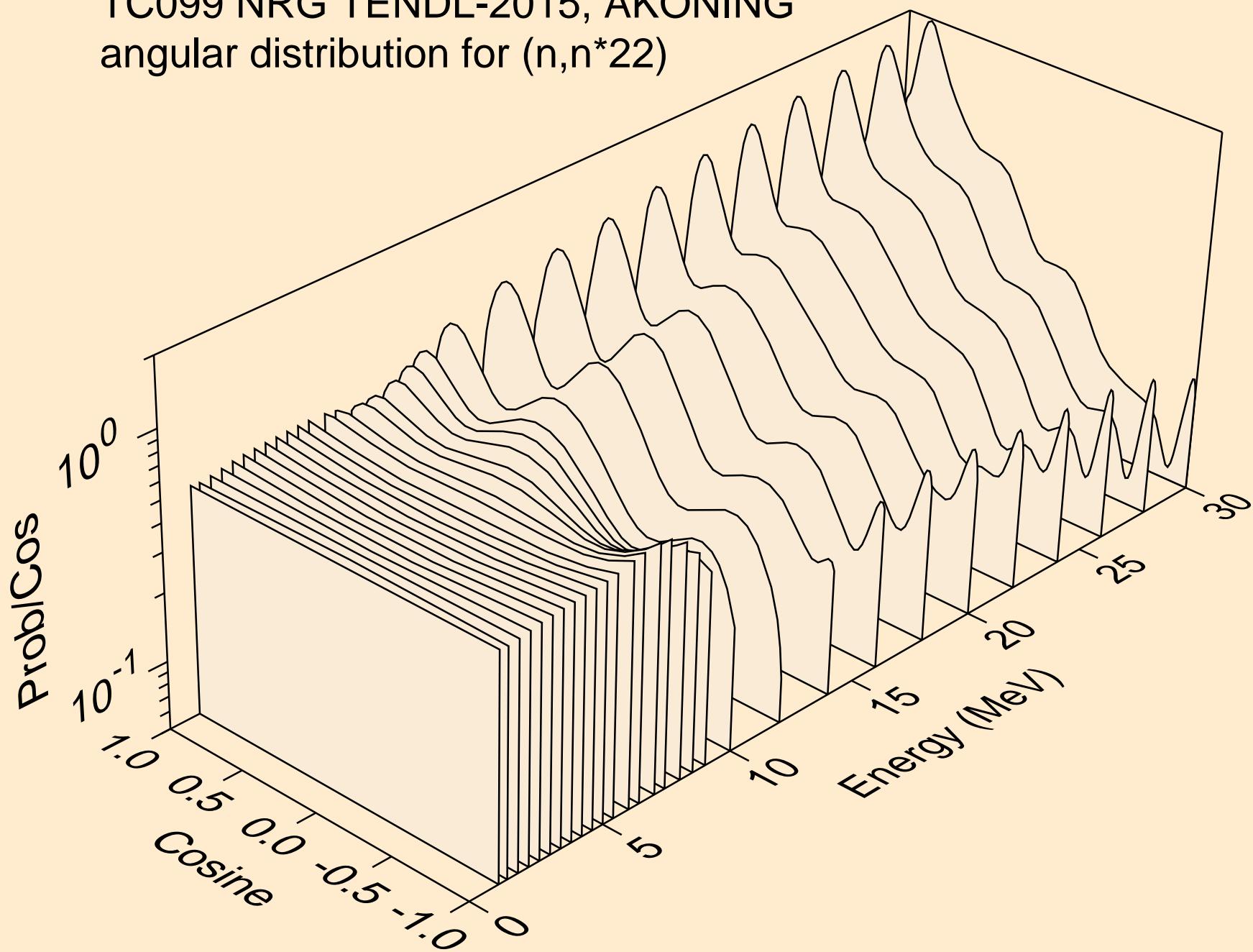
TC099 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)20$



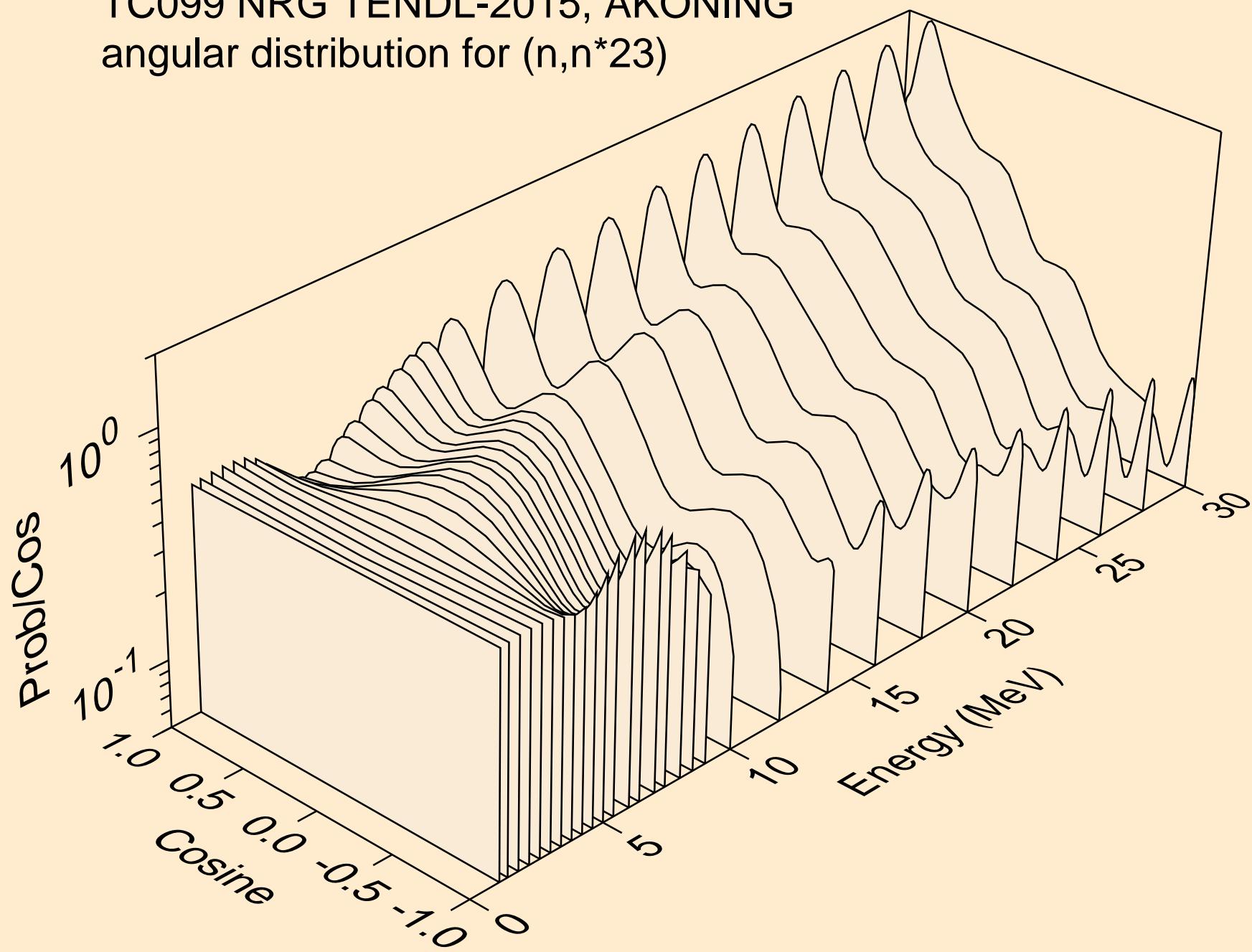
TC099 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*21)$



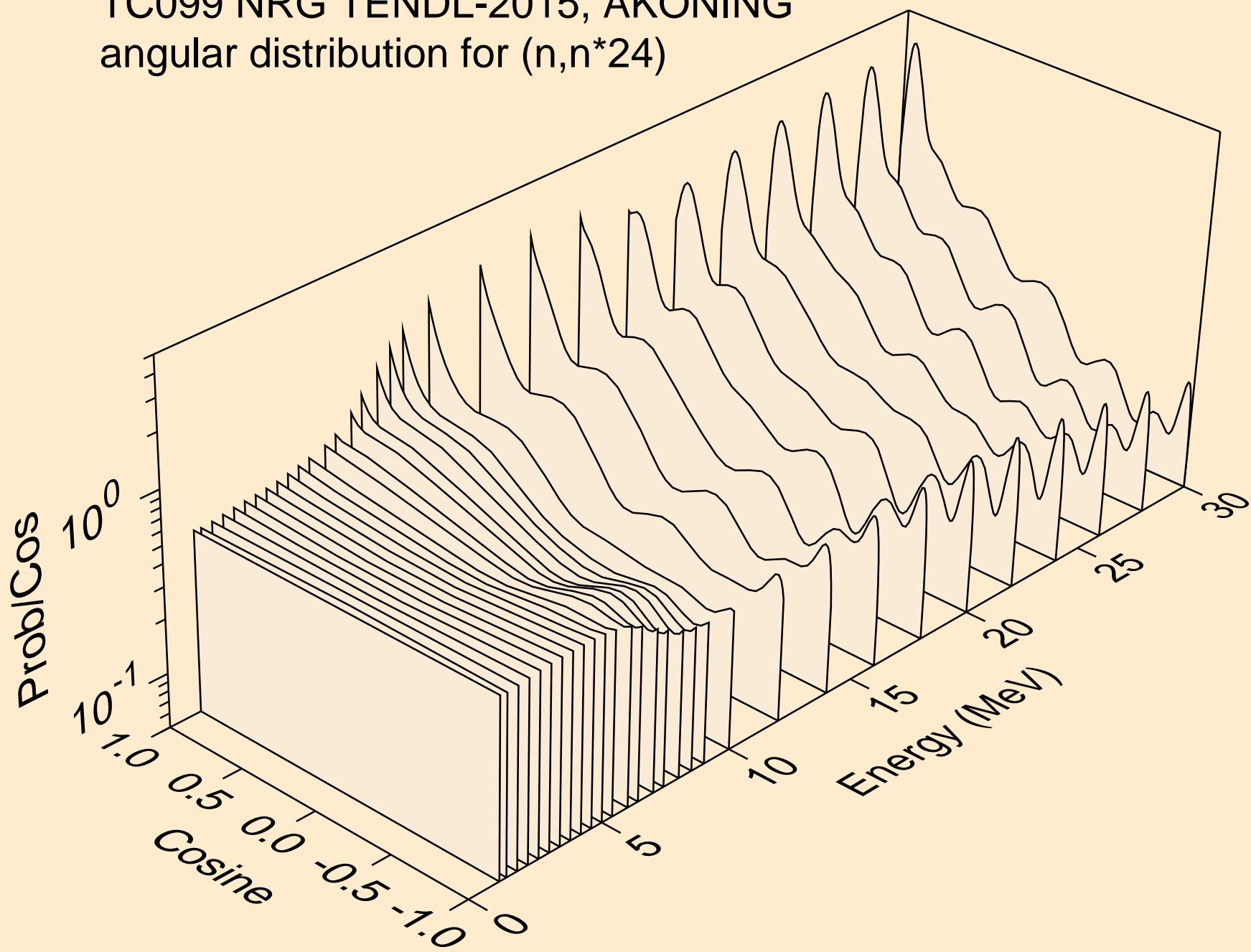
TC099 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)_{22}$



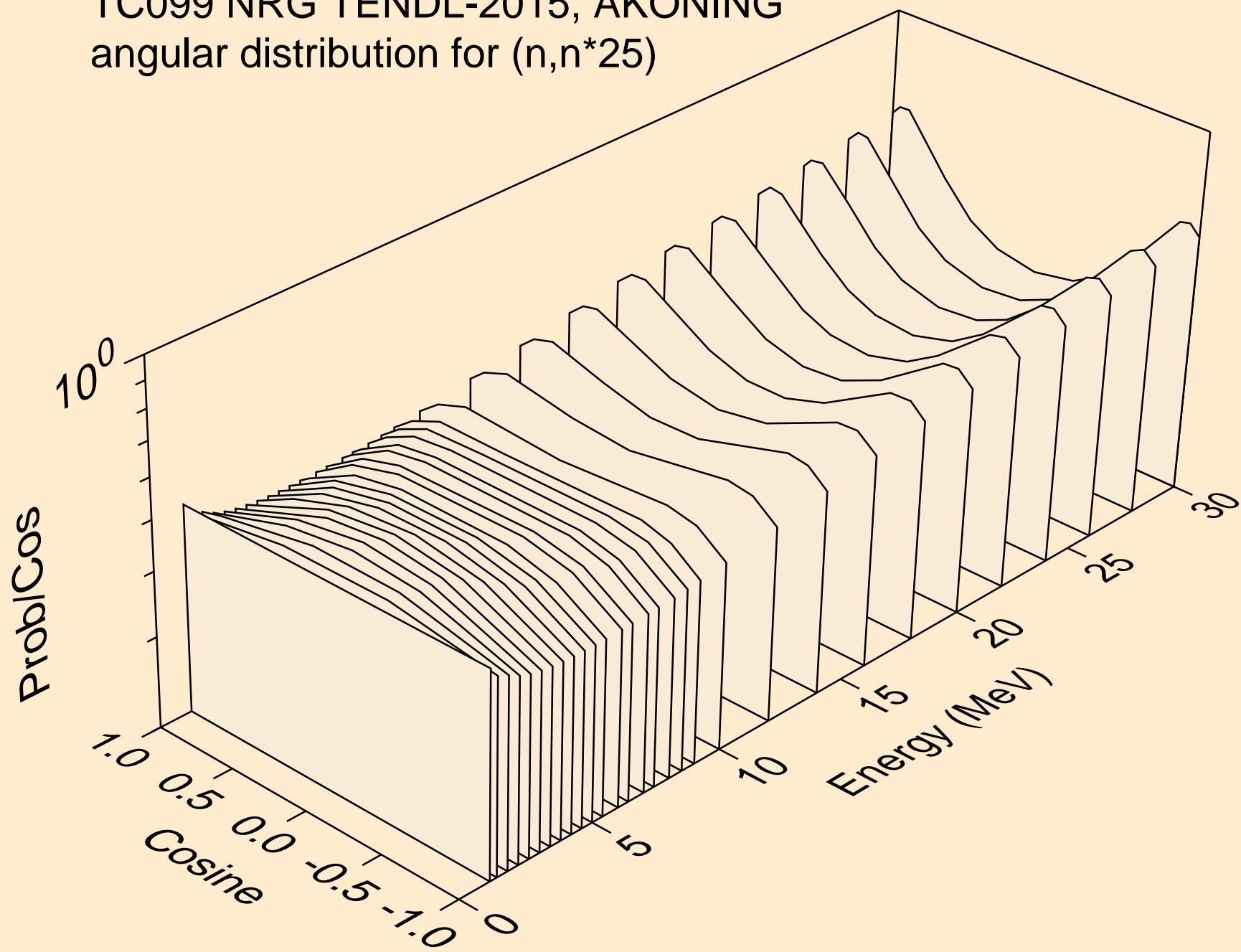
TC099 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*23)$



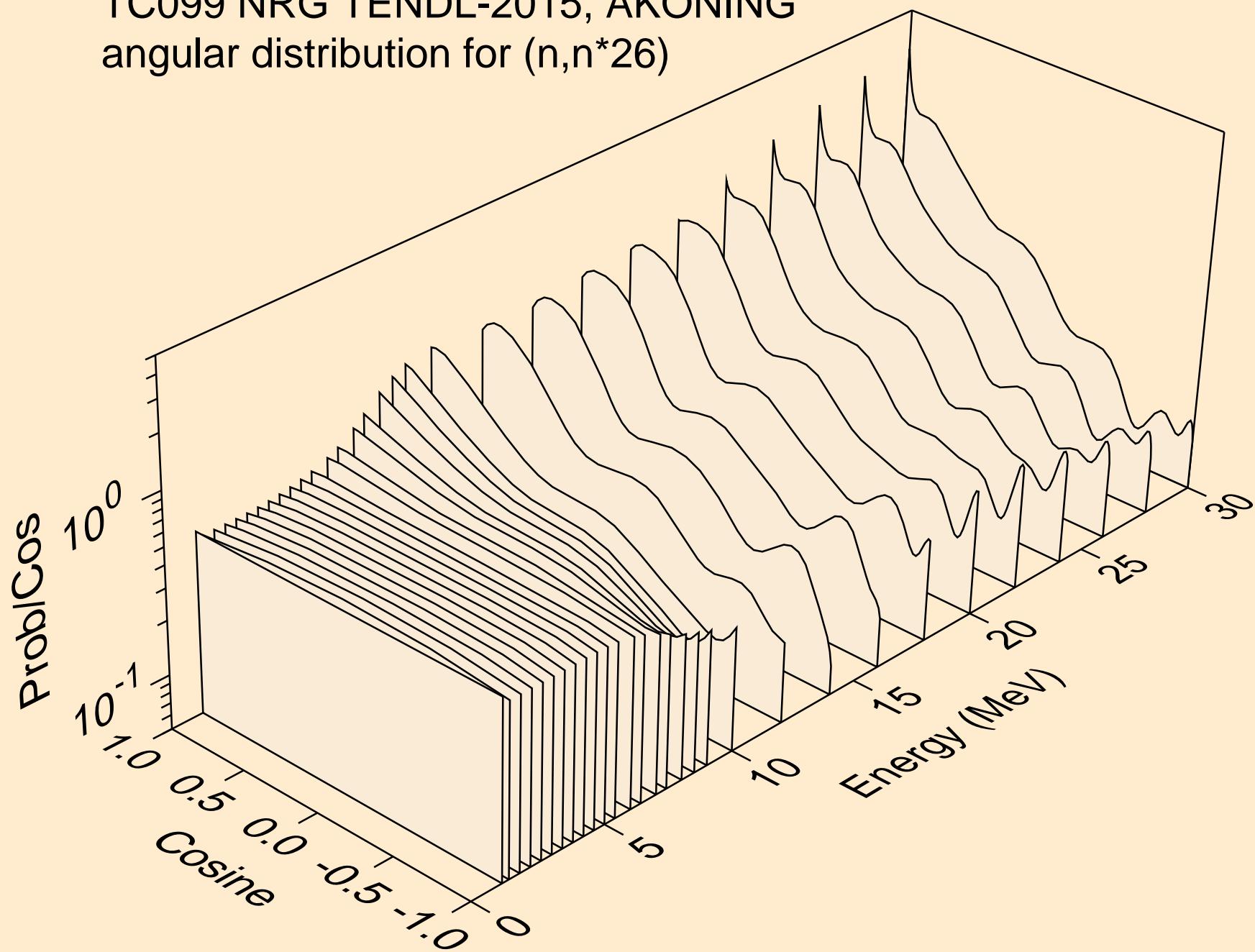
TC099 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^{24}$



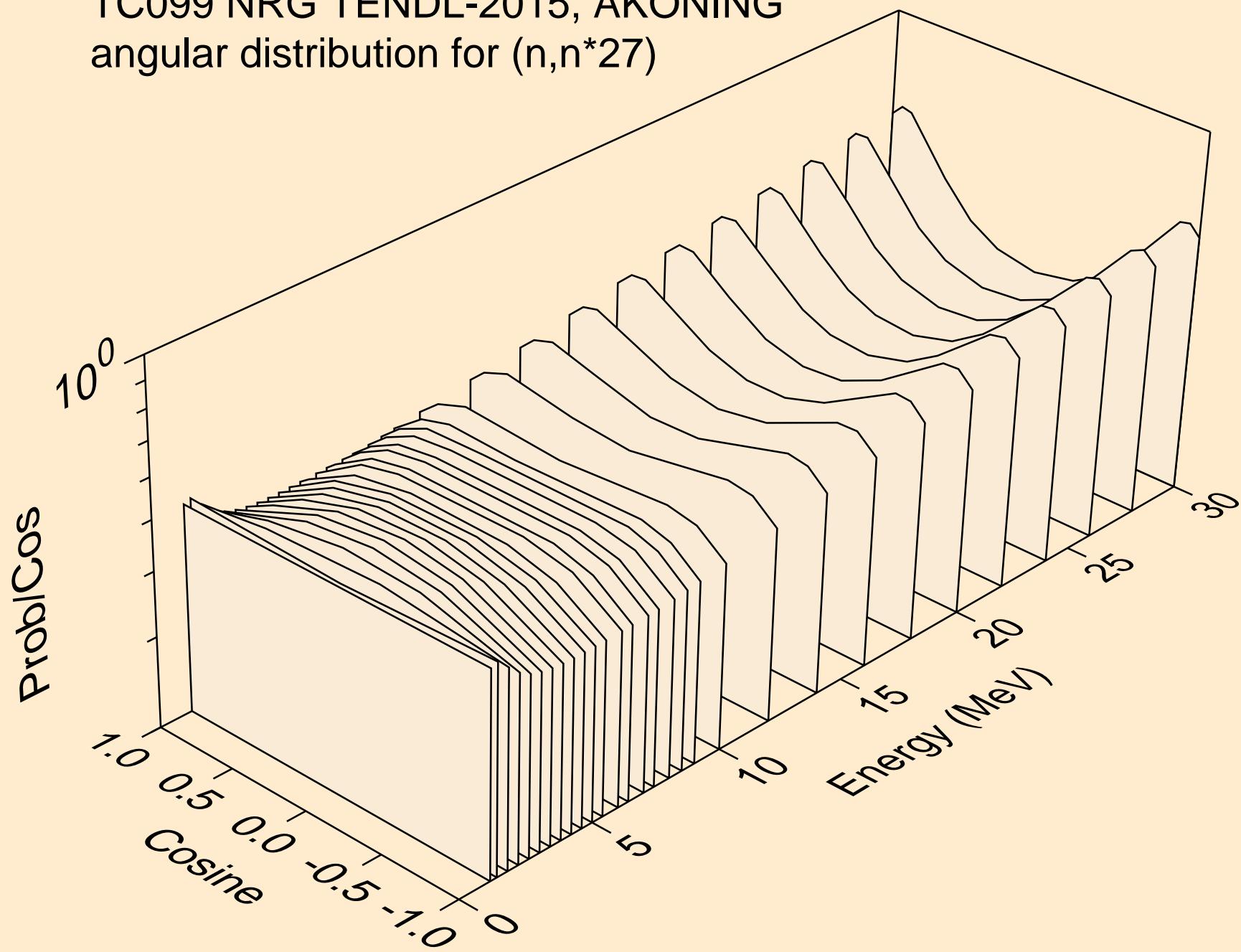
TC099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



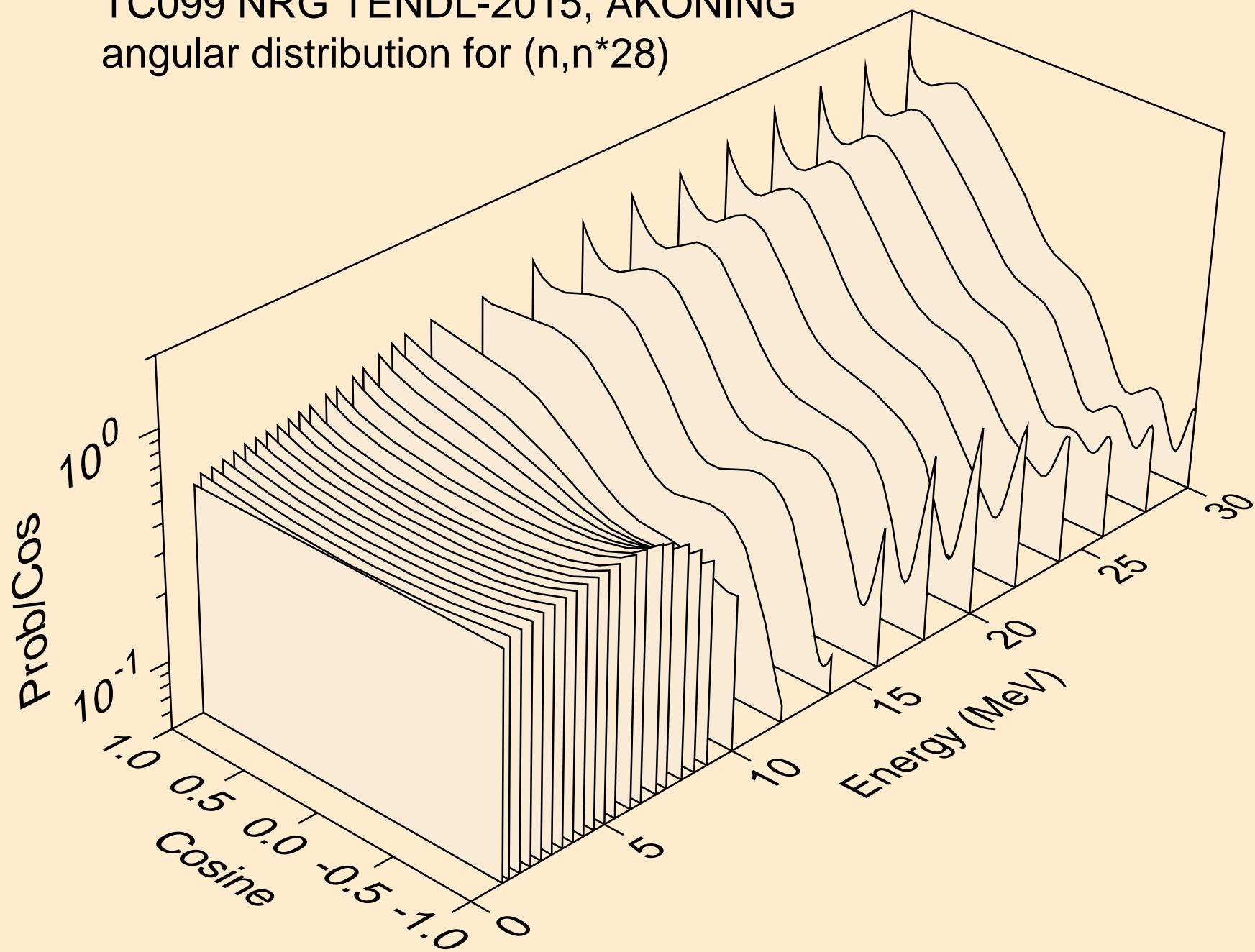
TC099 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)_{26}$



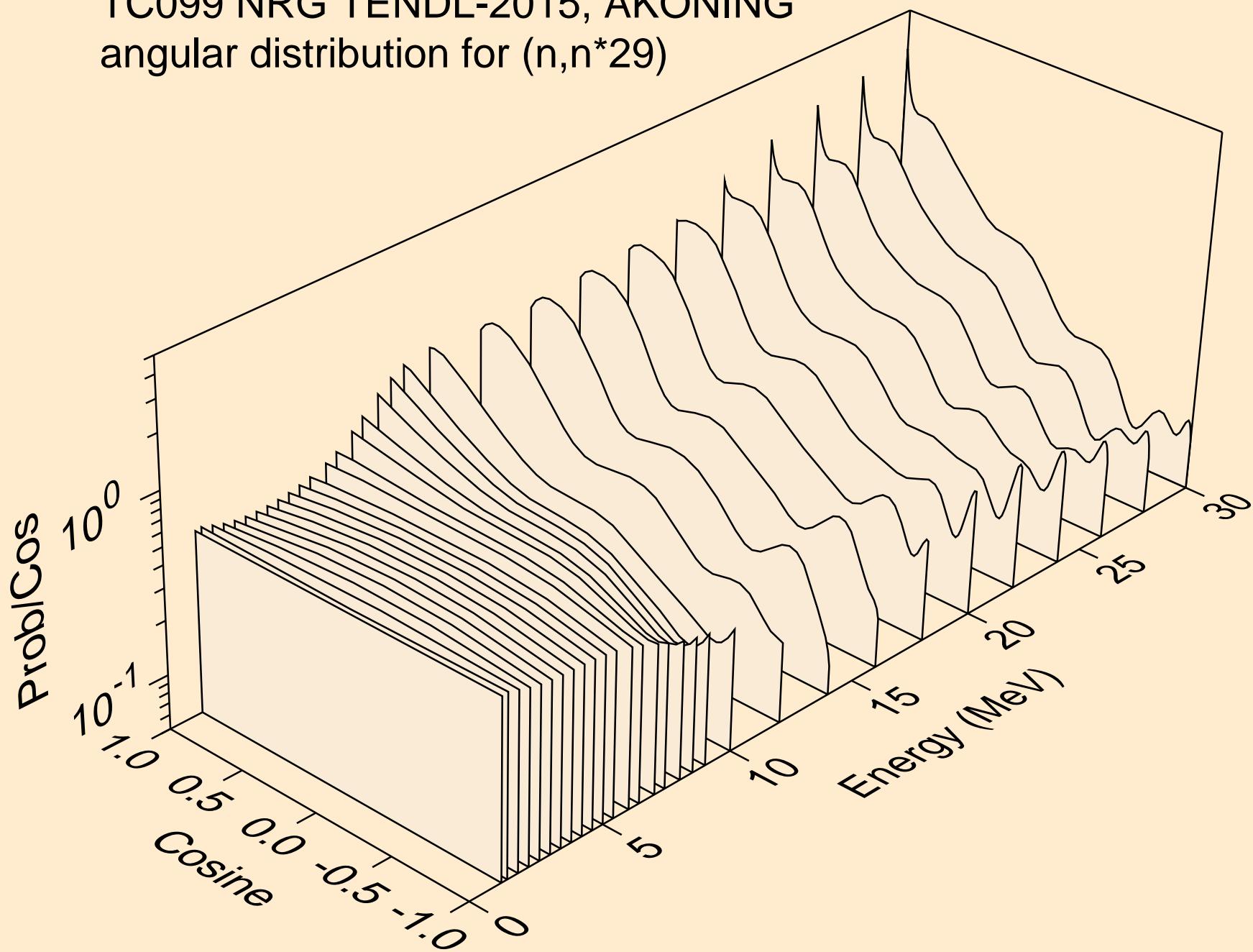
TC099 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*27)$



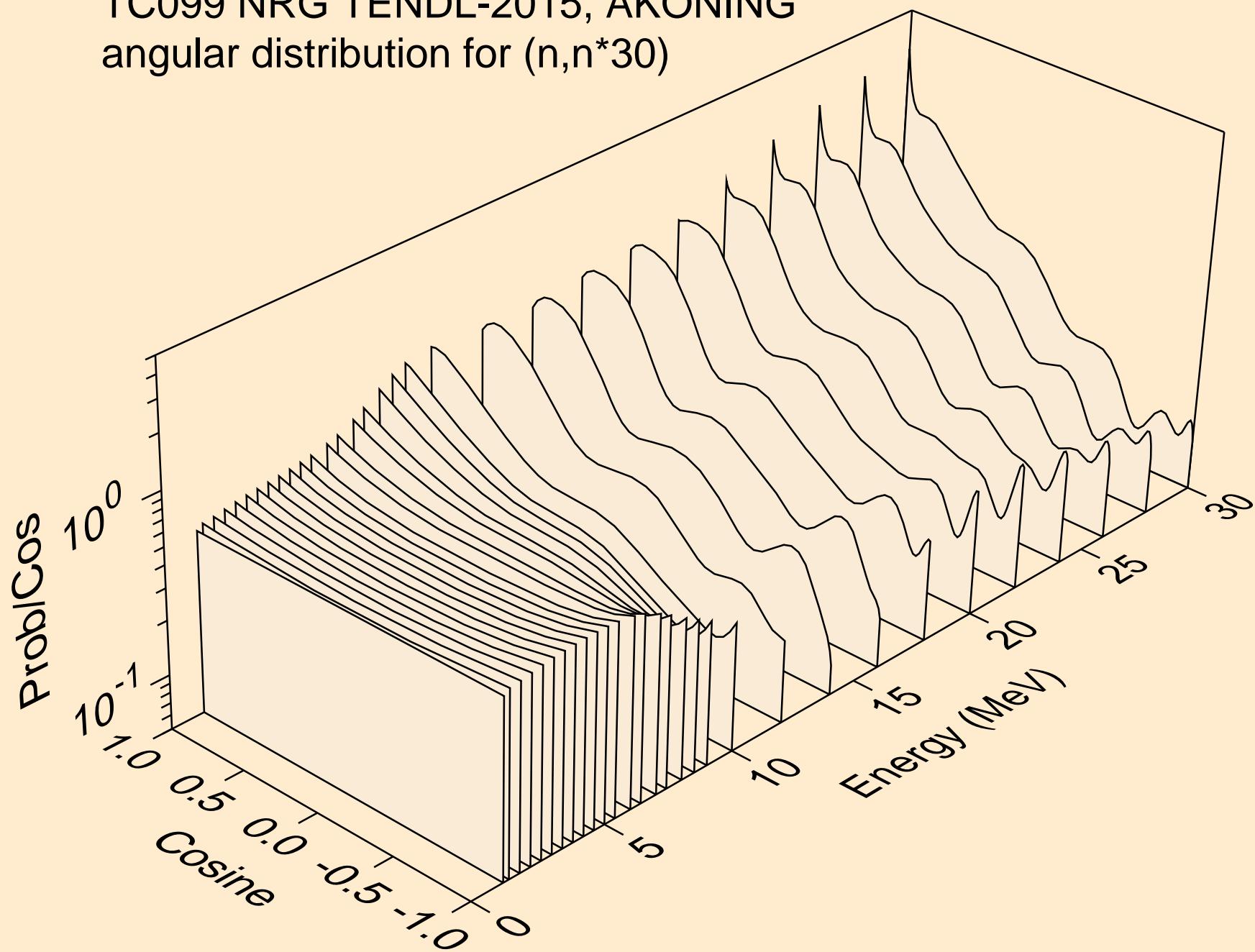
TC099 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^{28}$



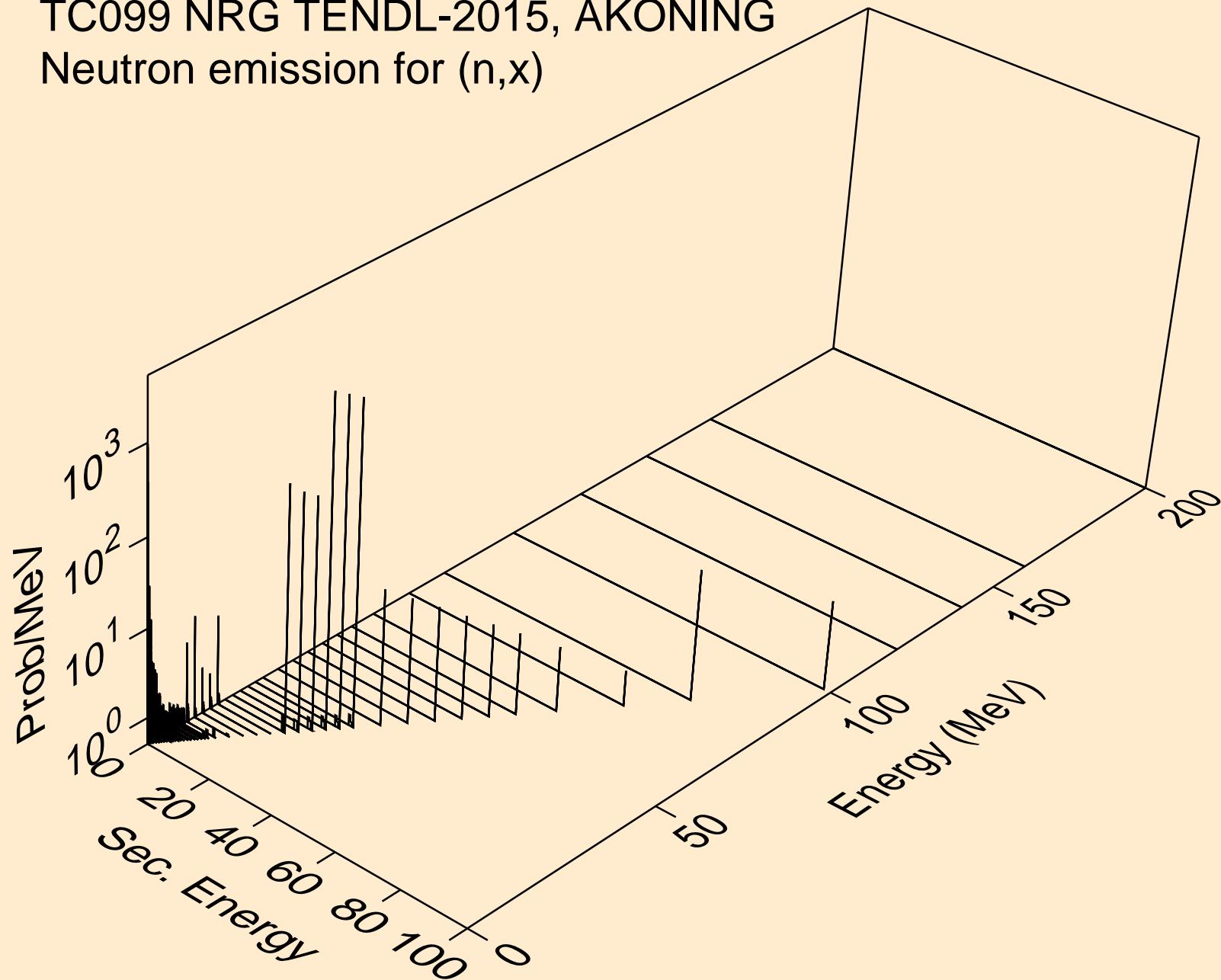
TC099 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*29)$



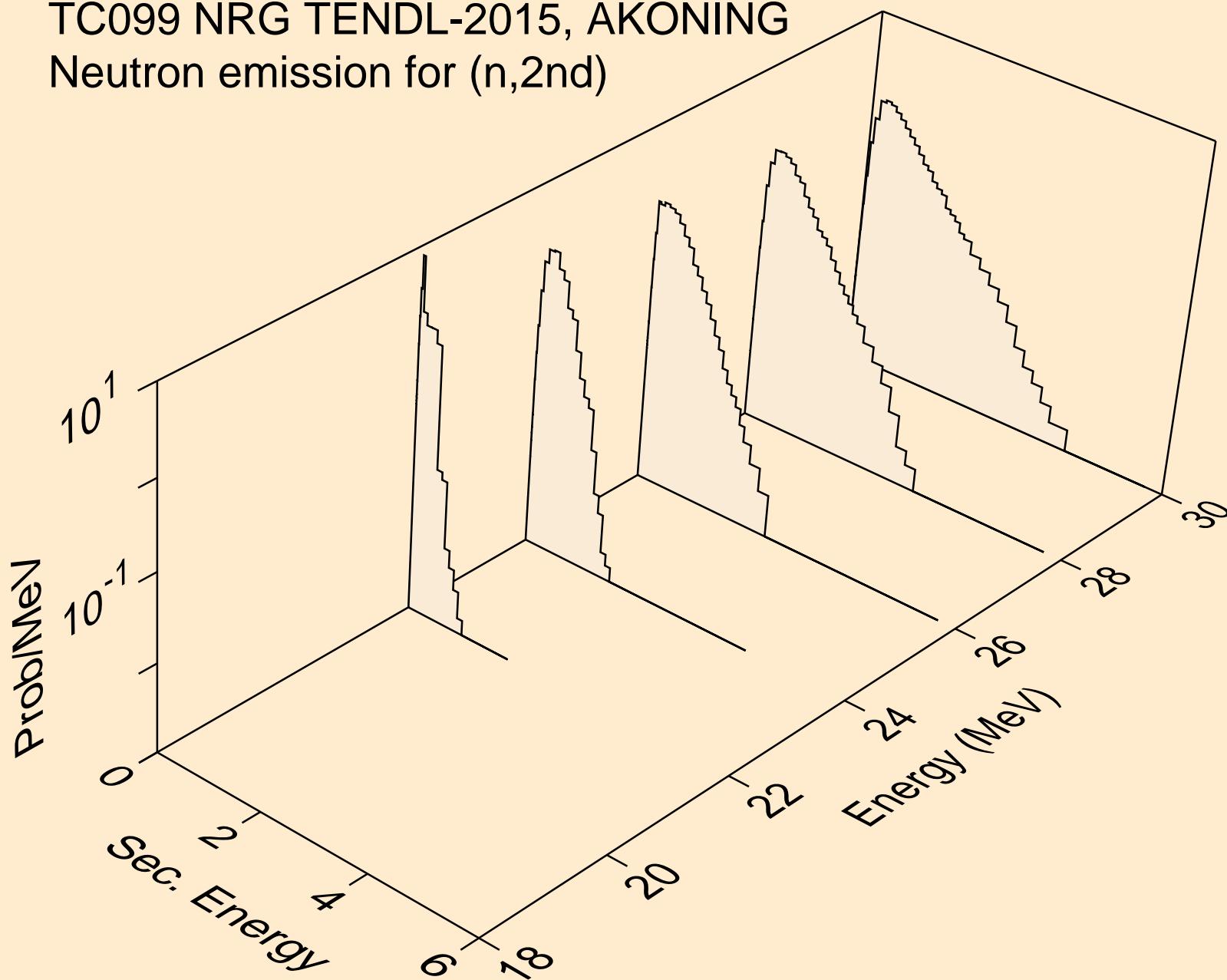
TC099 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)30$



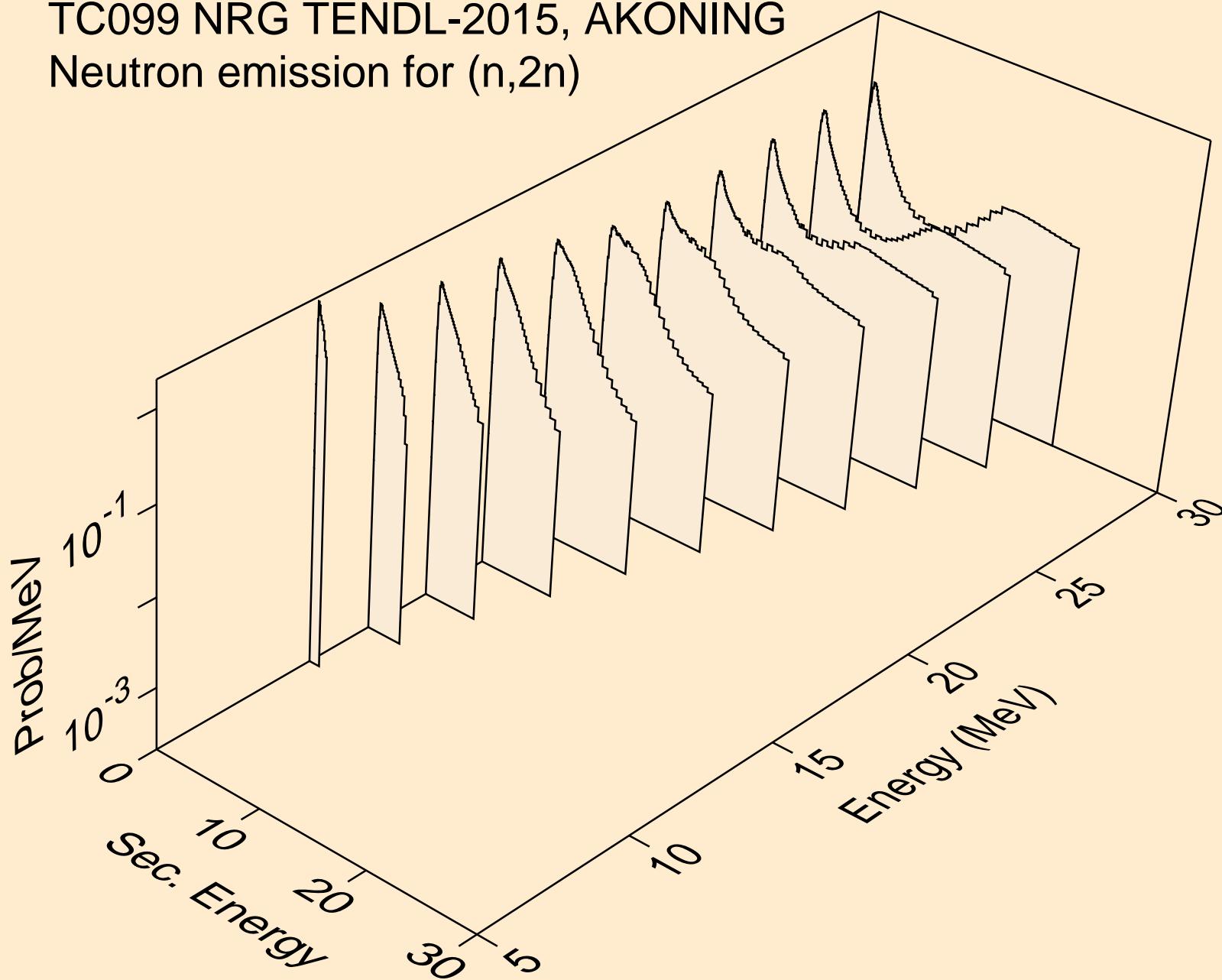
TC099 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



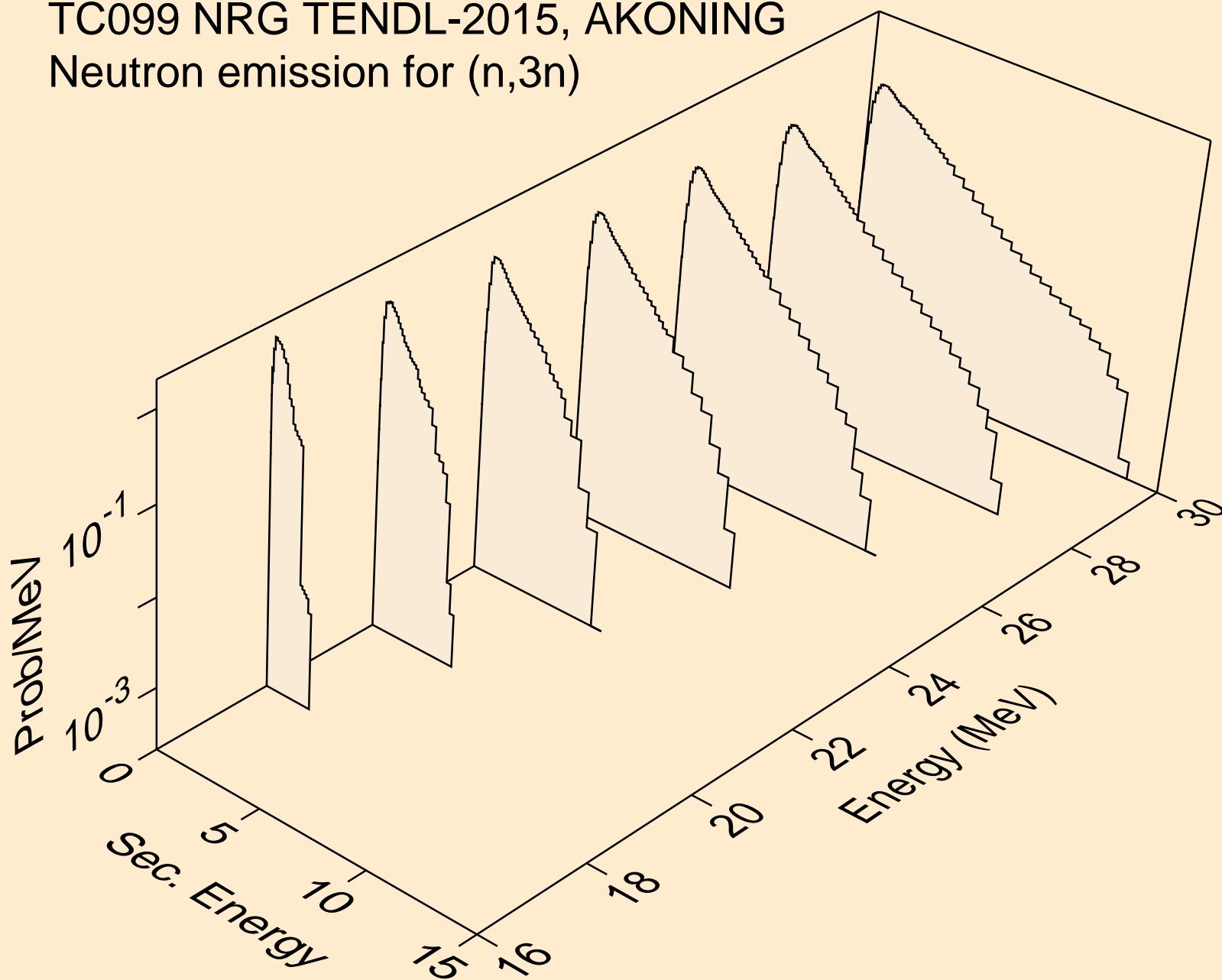
TC099 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



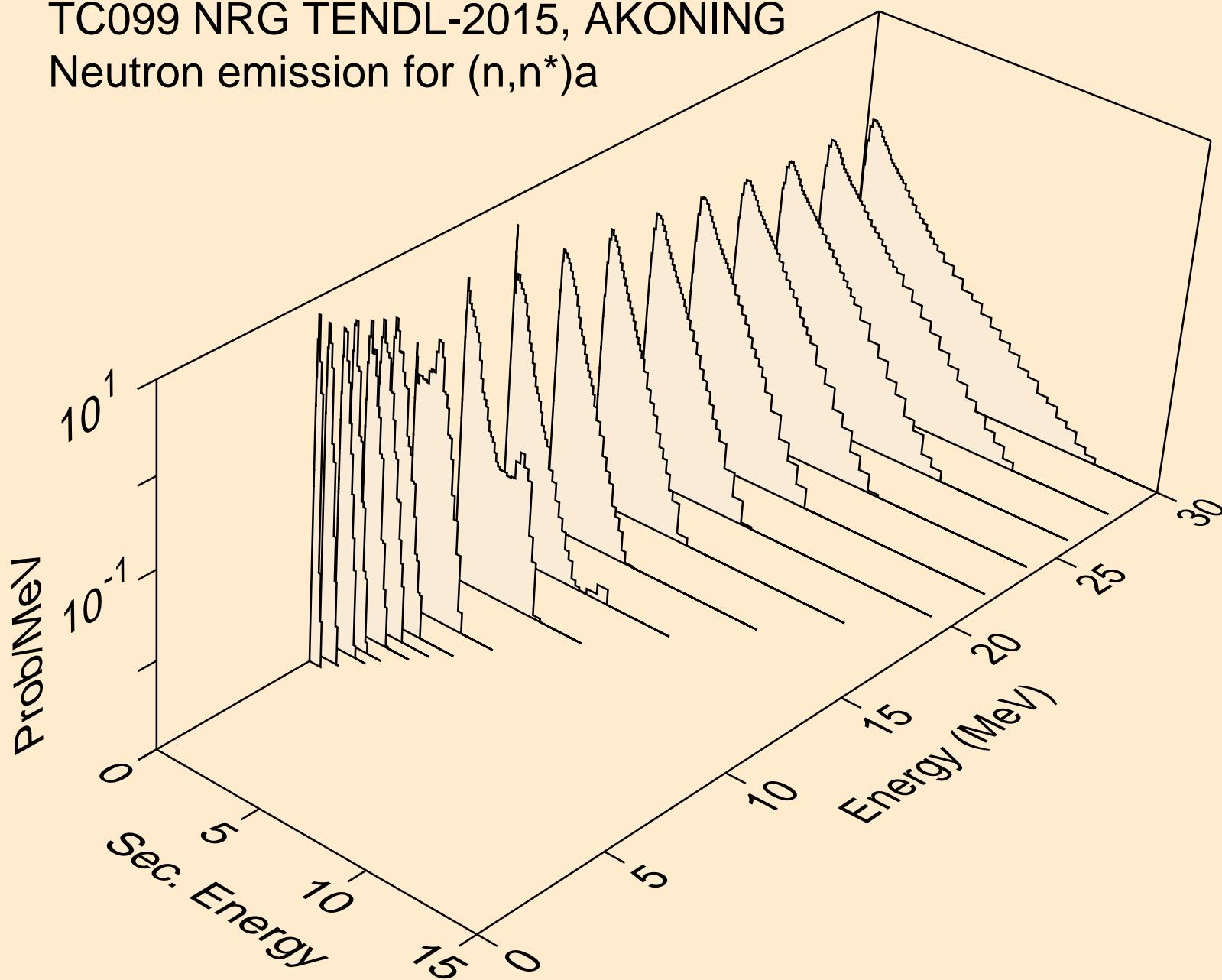
TC099 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



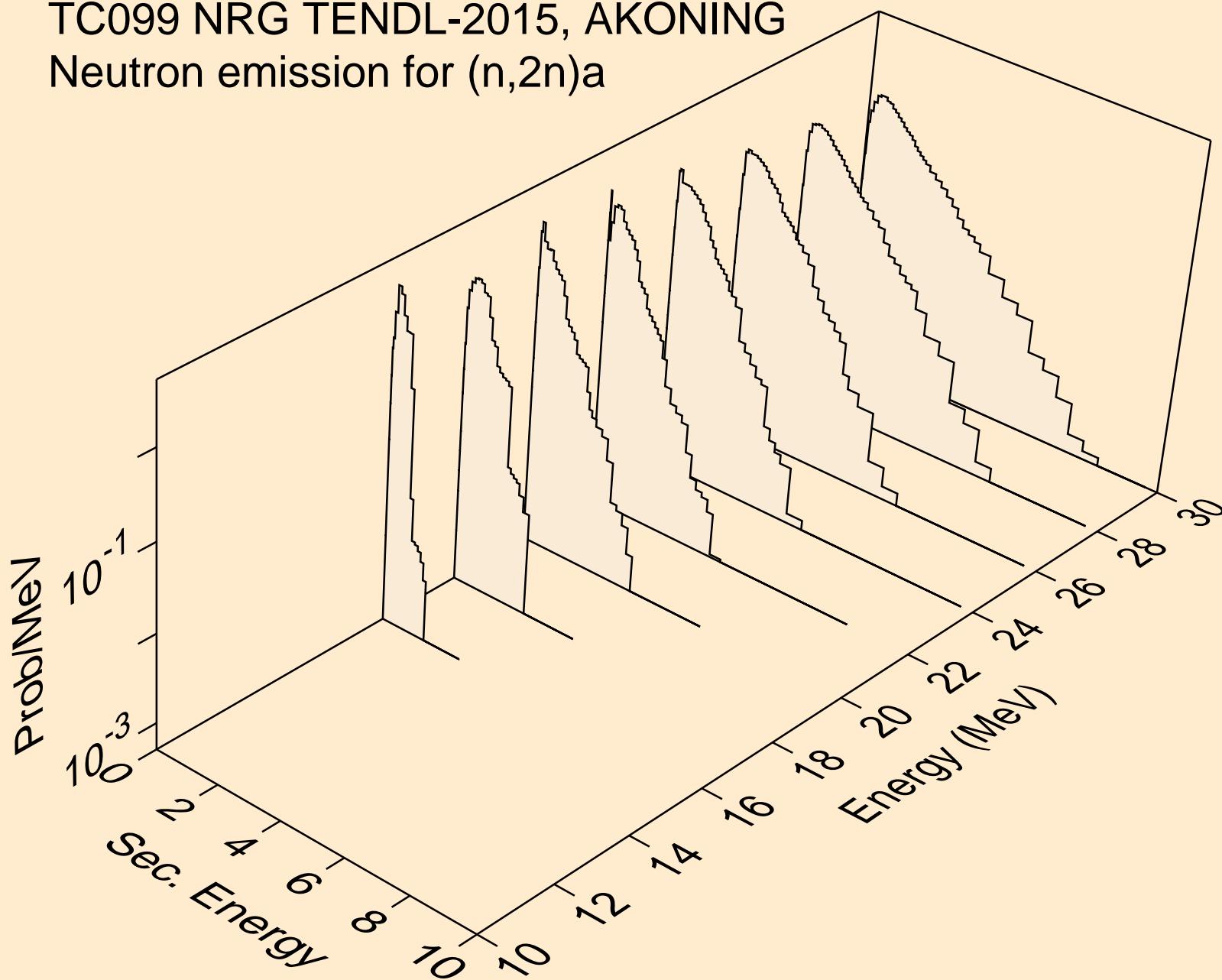
TC099 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



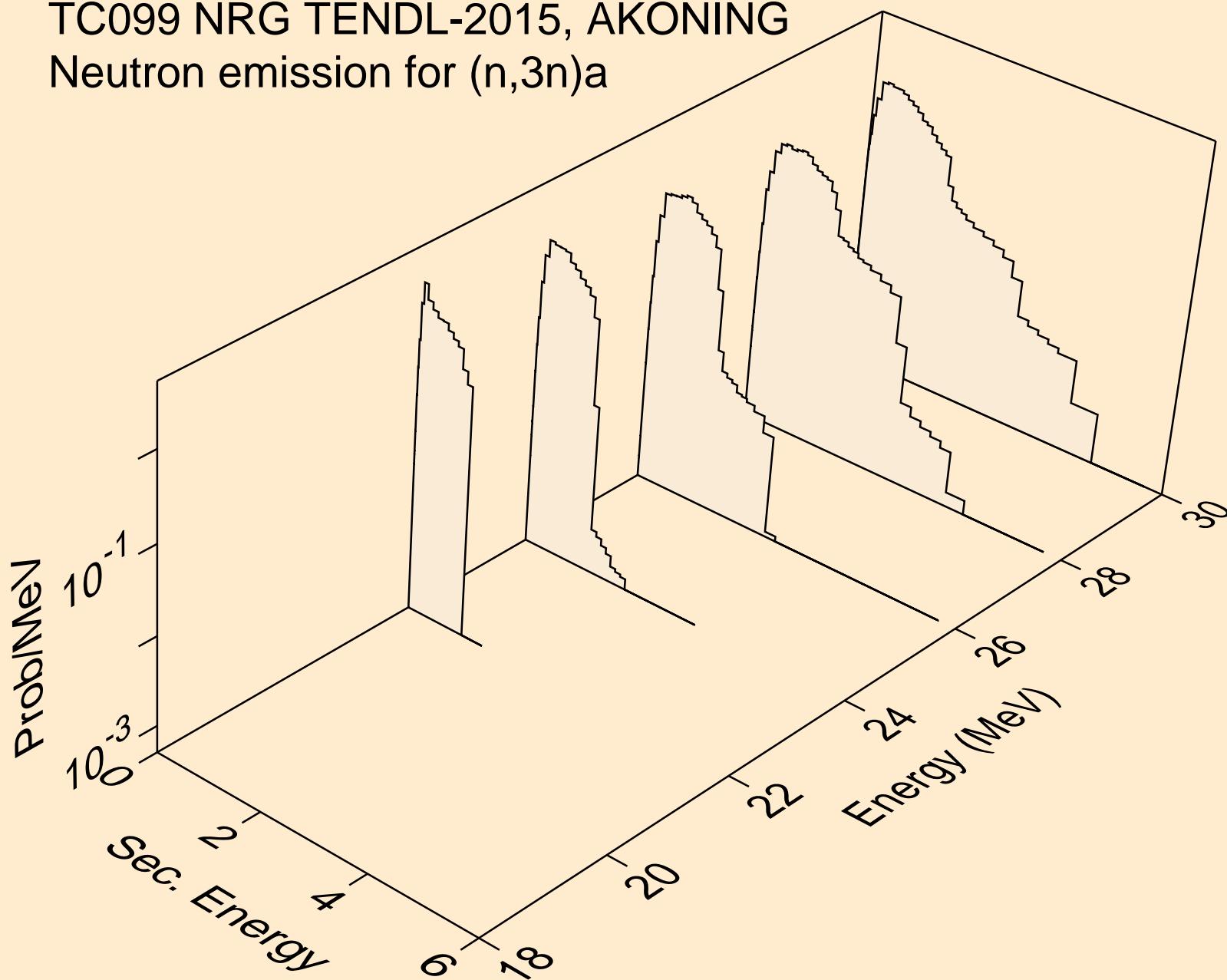
TC099 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)a$



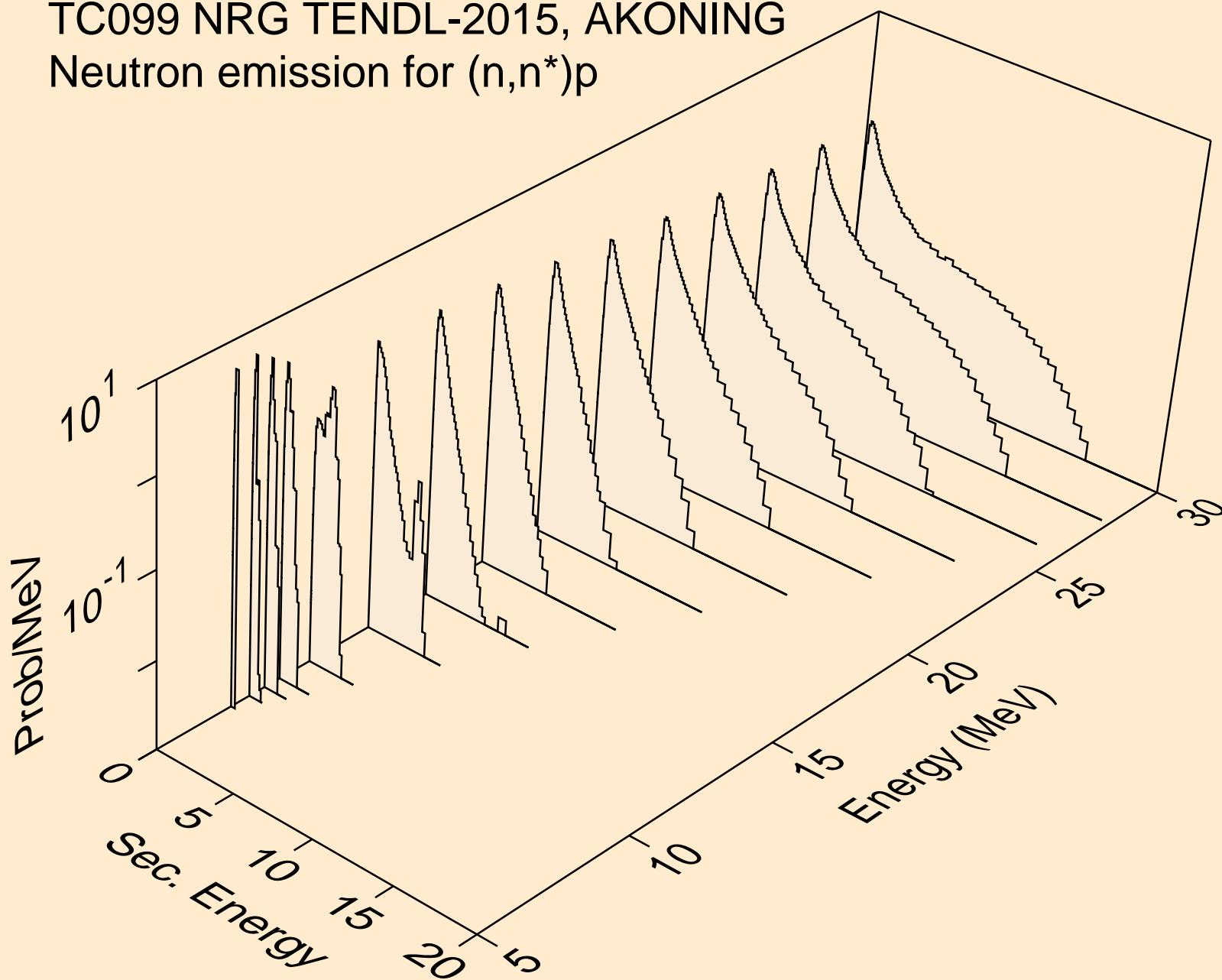
TC099 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,2n)a$



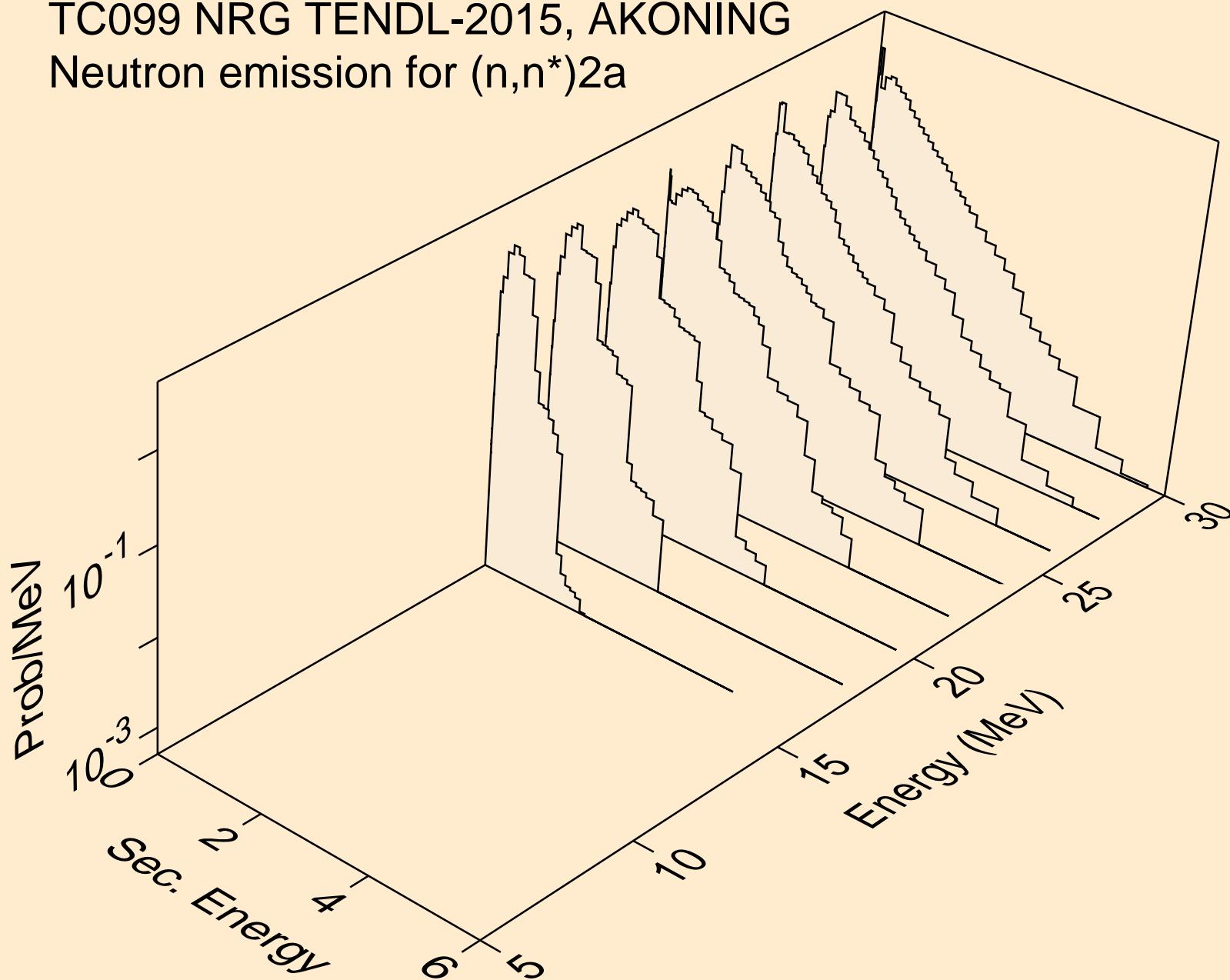
TC099 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



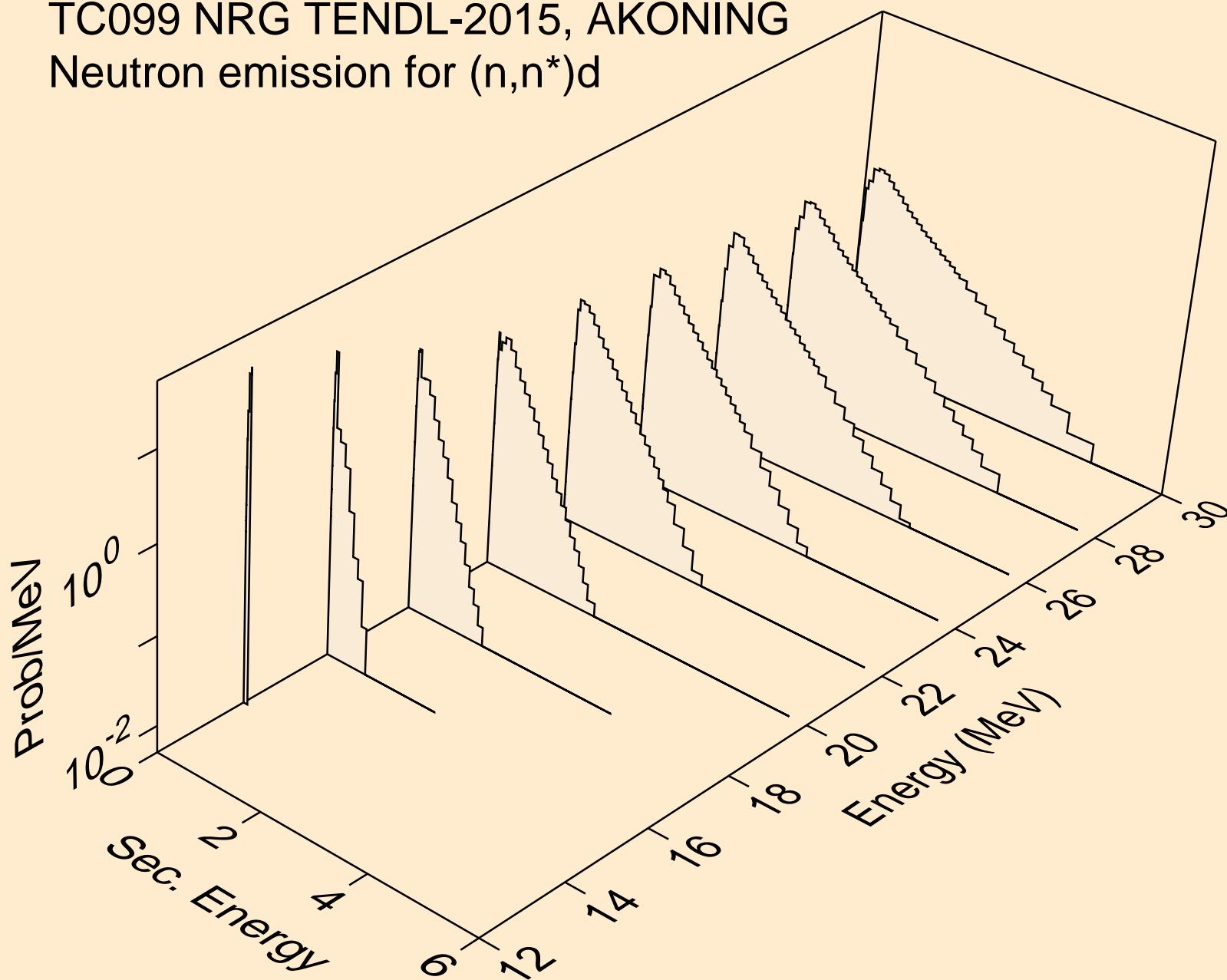
TC099 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)p$



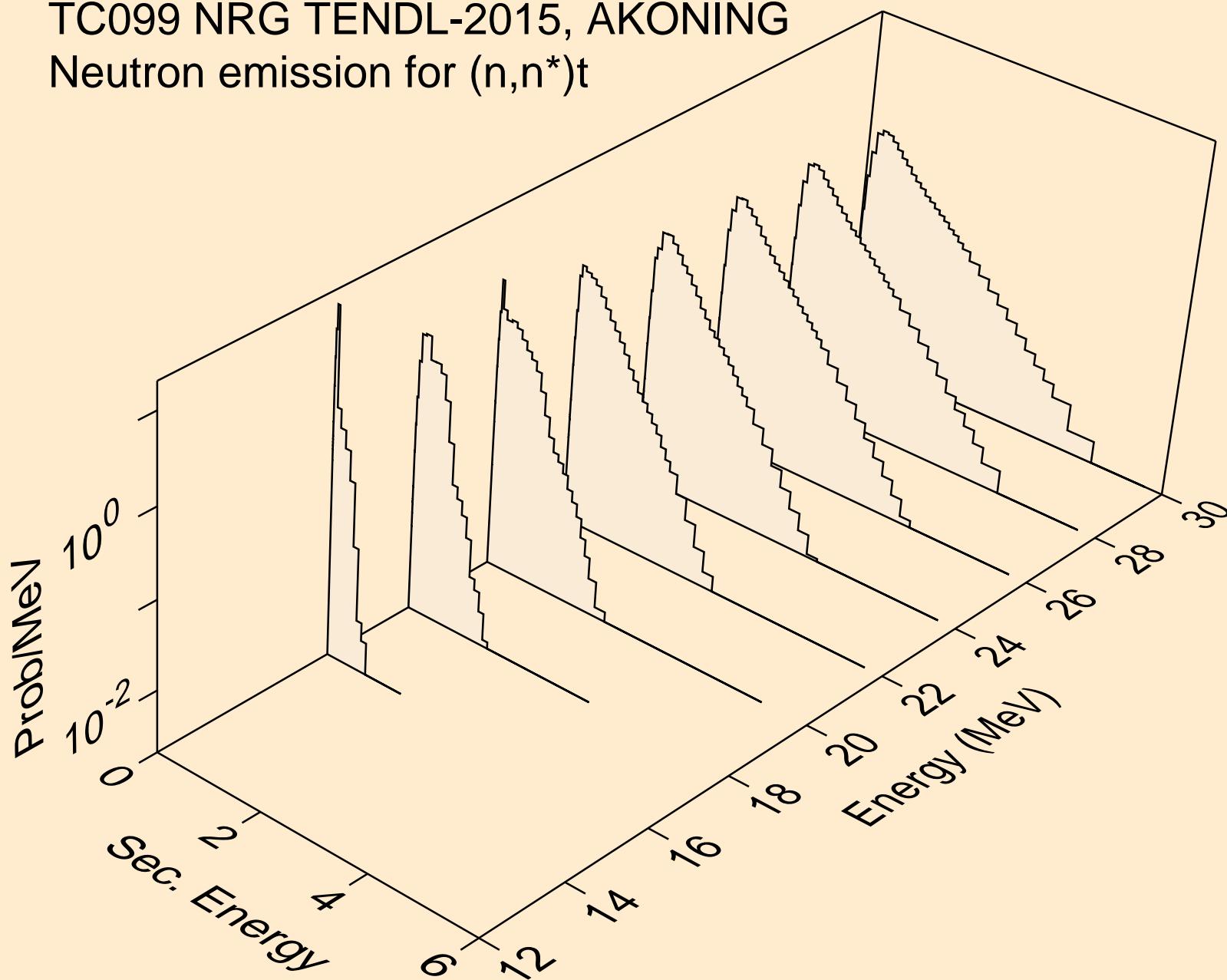
TC099 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)2a$



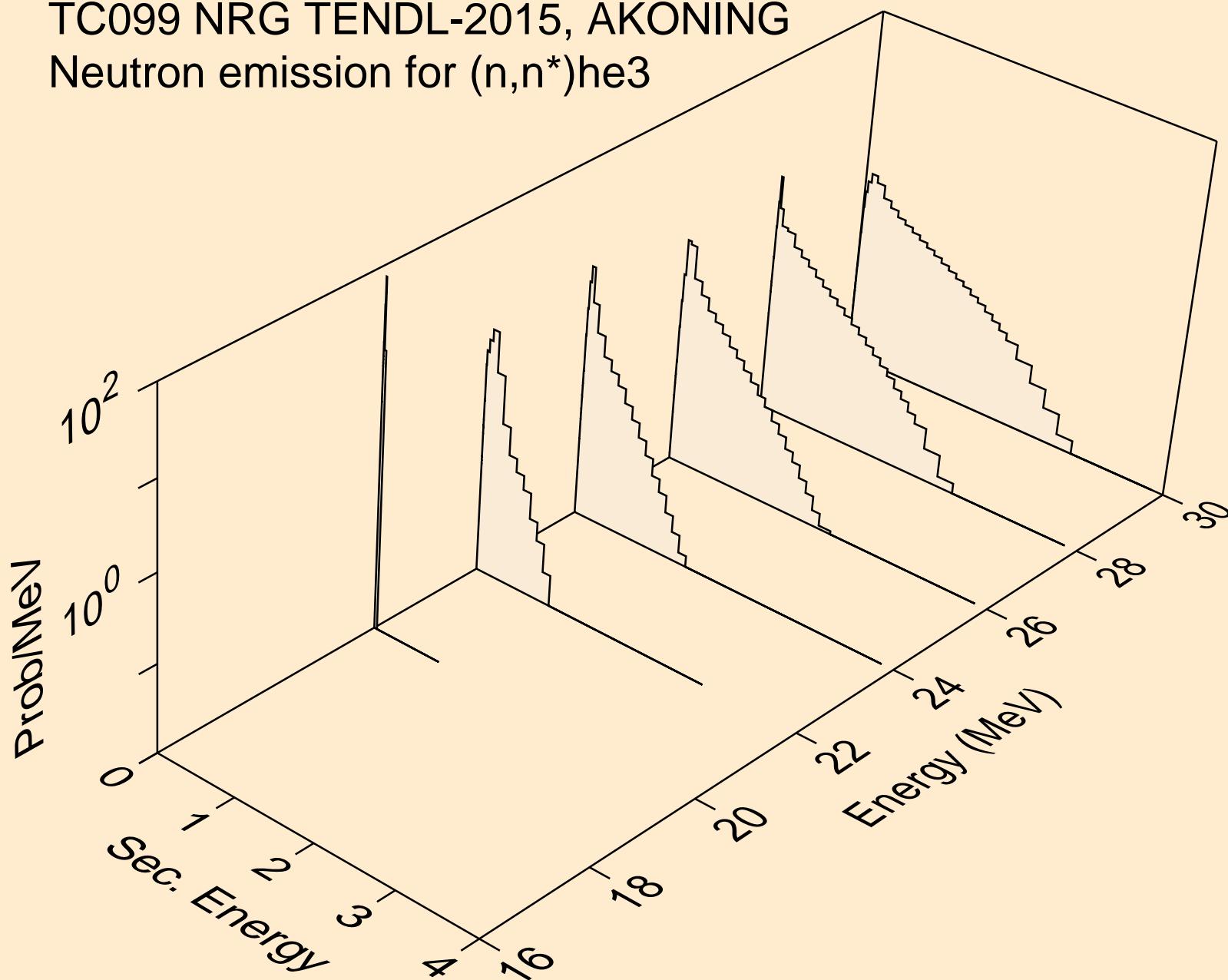
TC099 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)d$



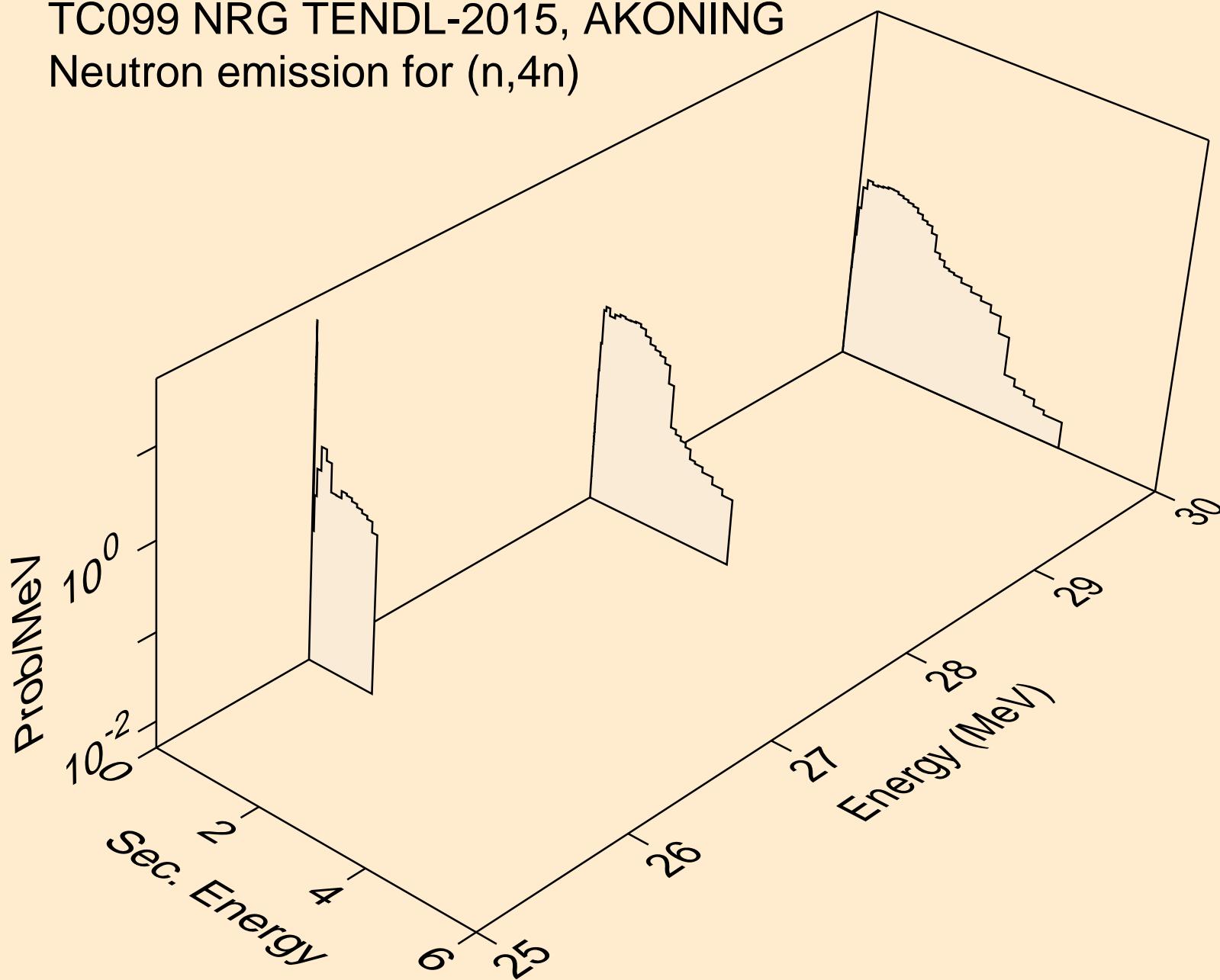
TC099 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)t$



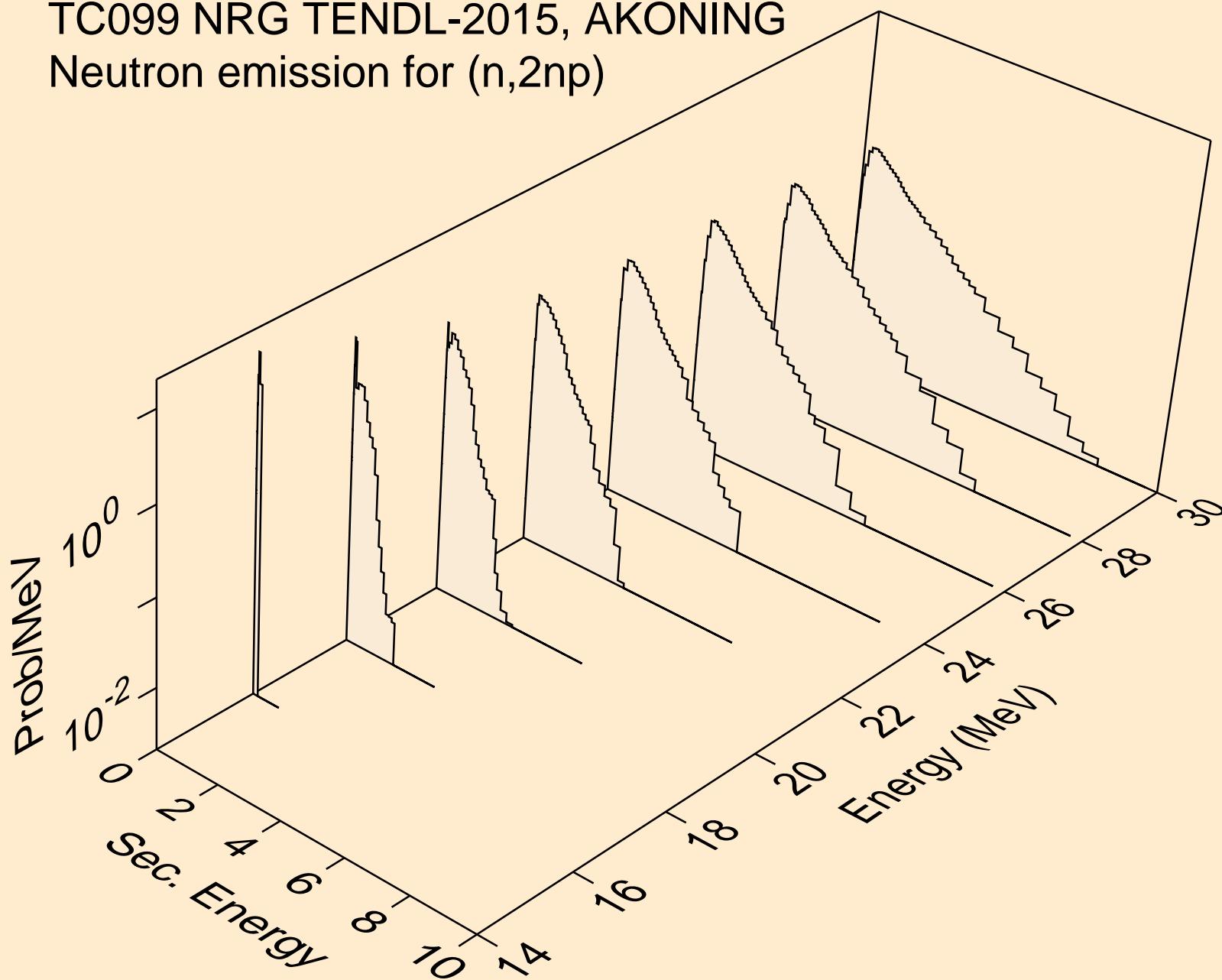
TC099 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)\text{he3}$



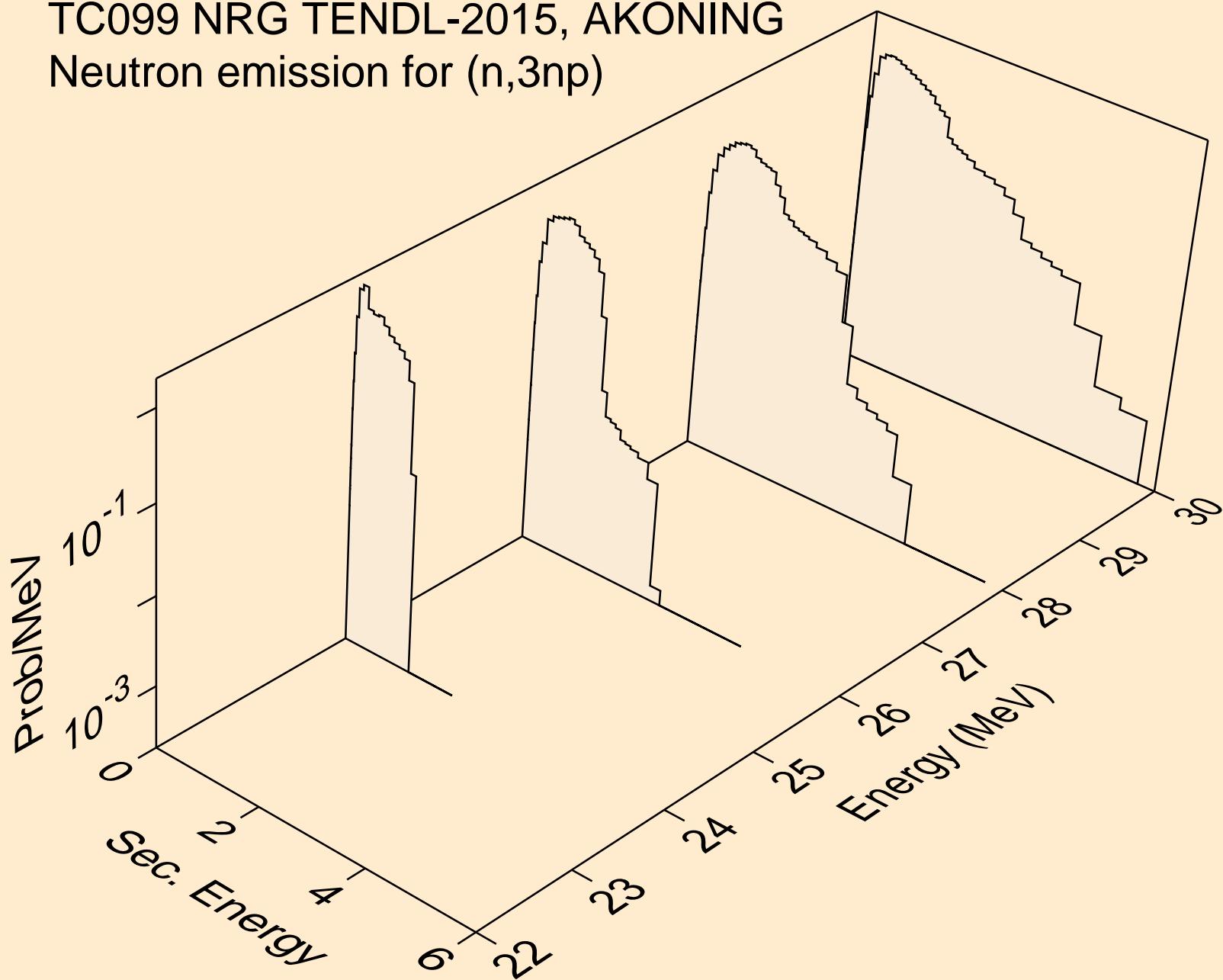
TC099 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



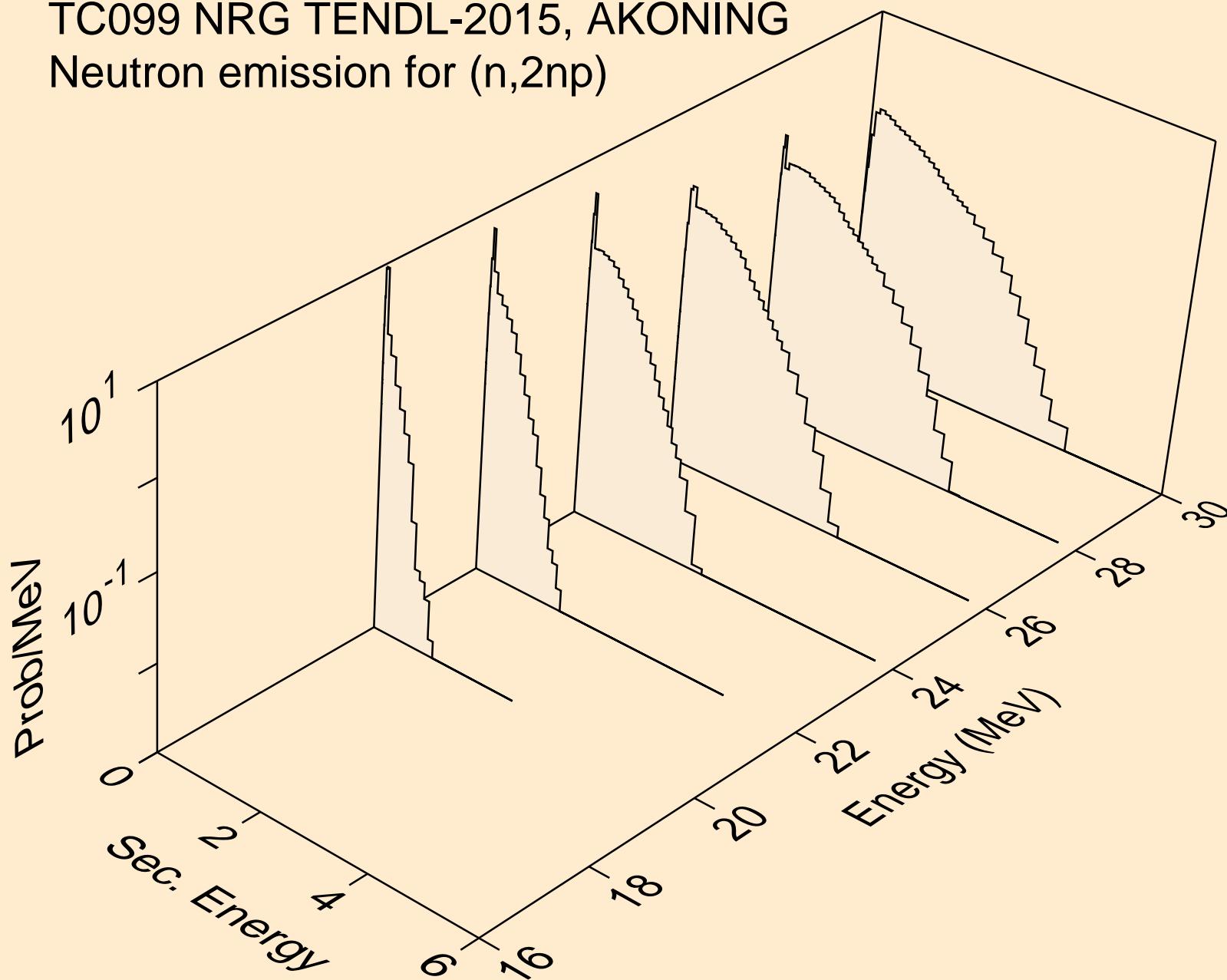
TC099 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



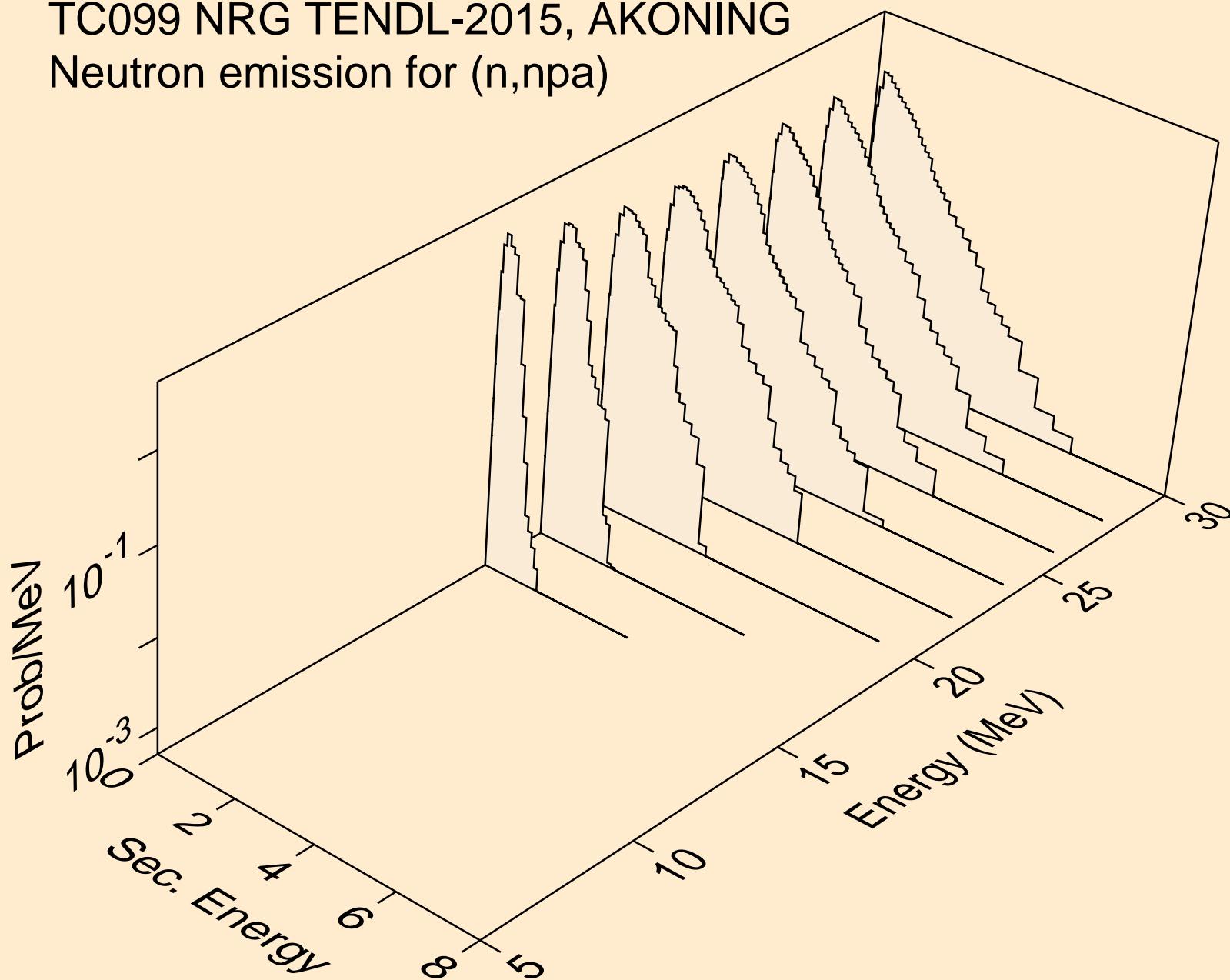
TC099 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



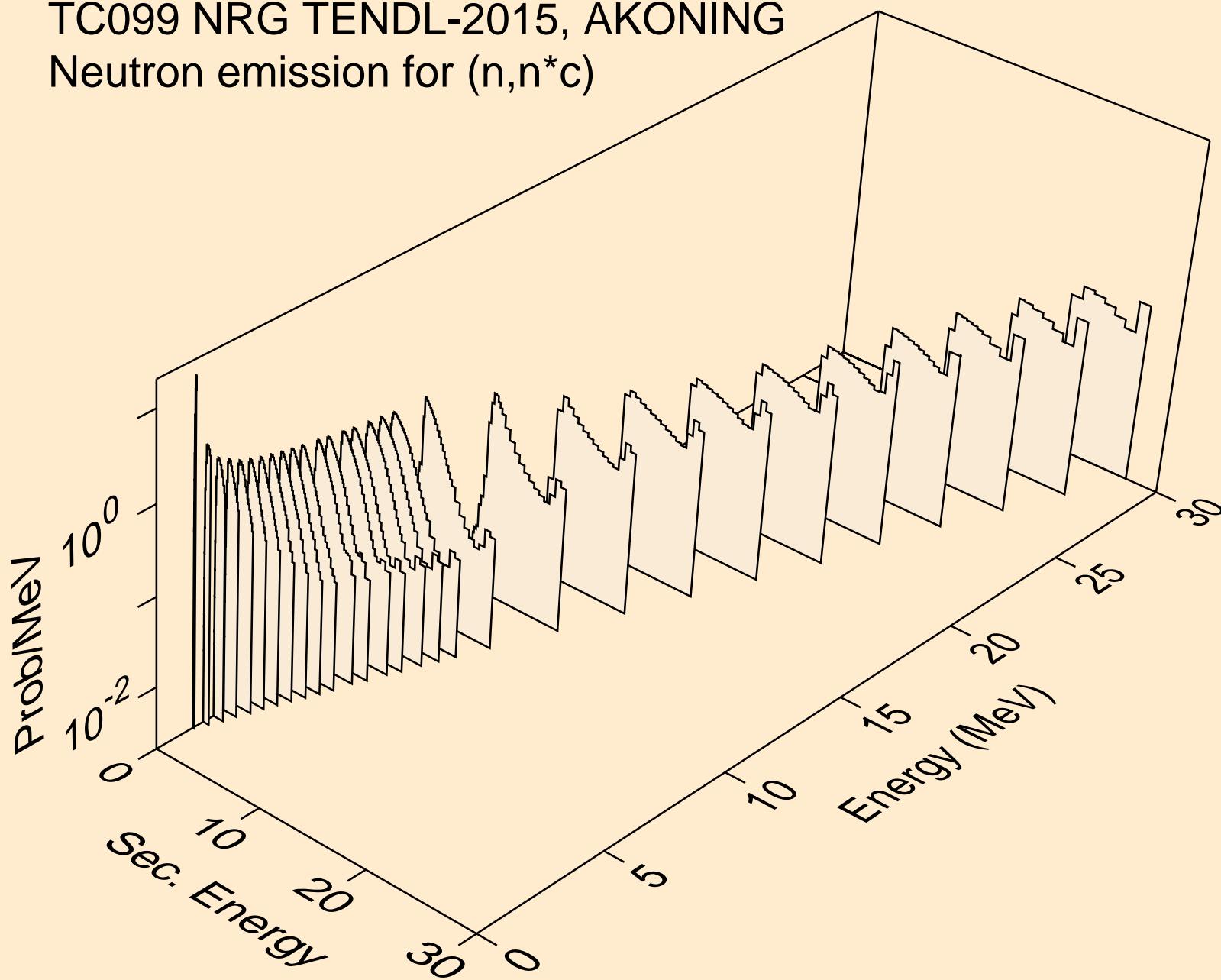
TC099 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



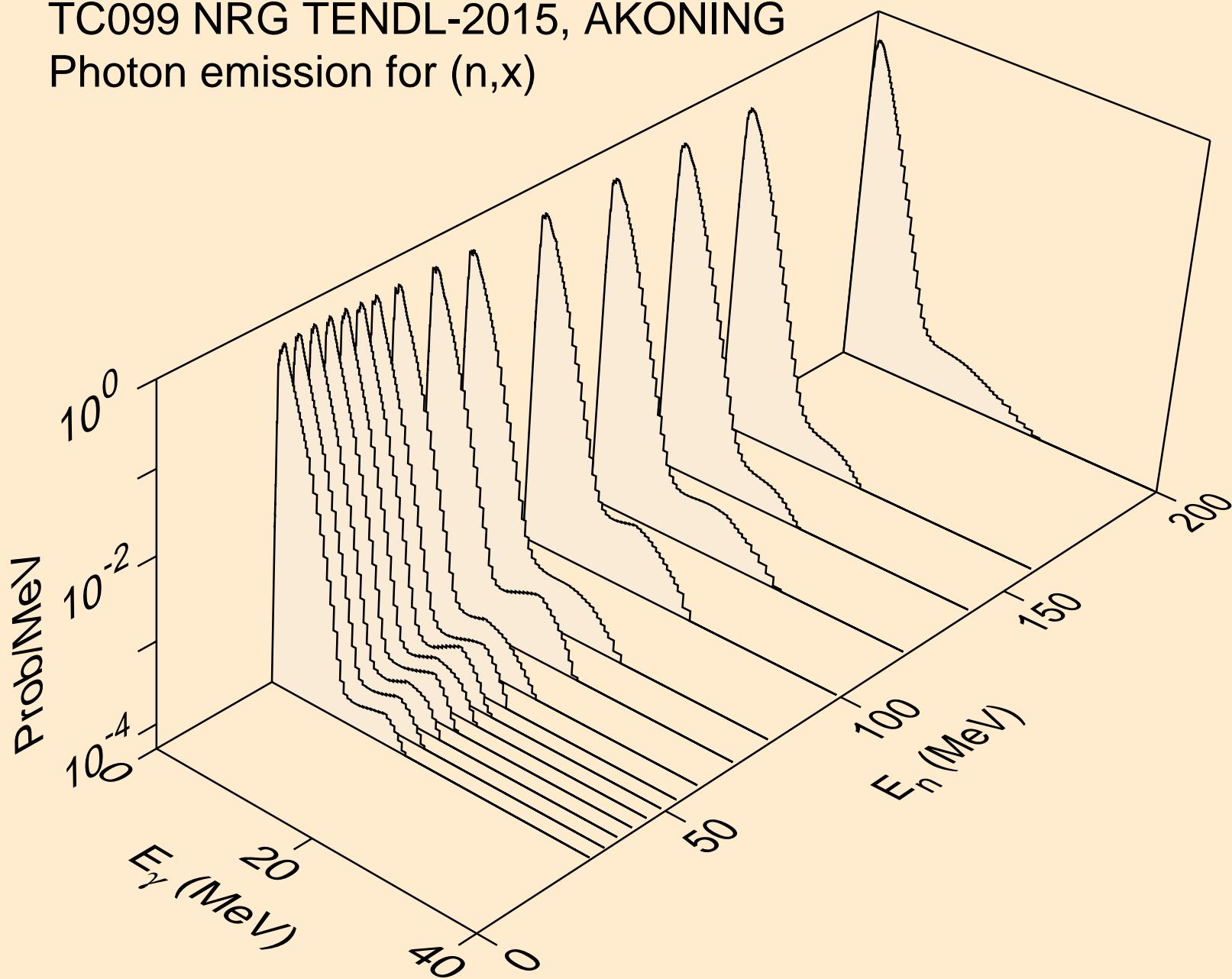
TC099 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



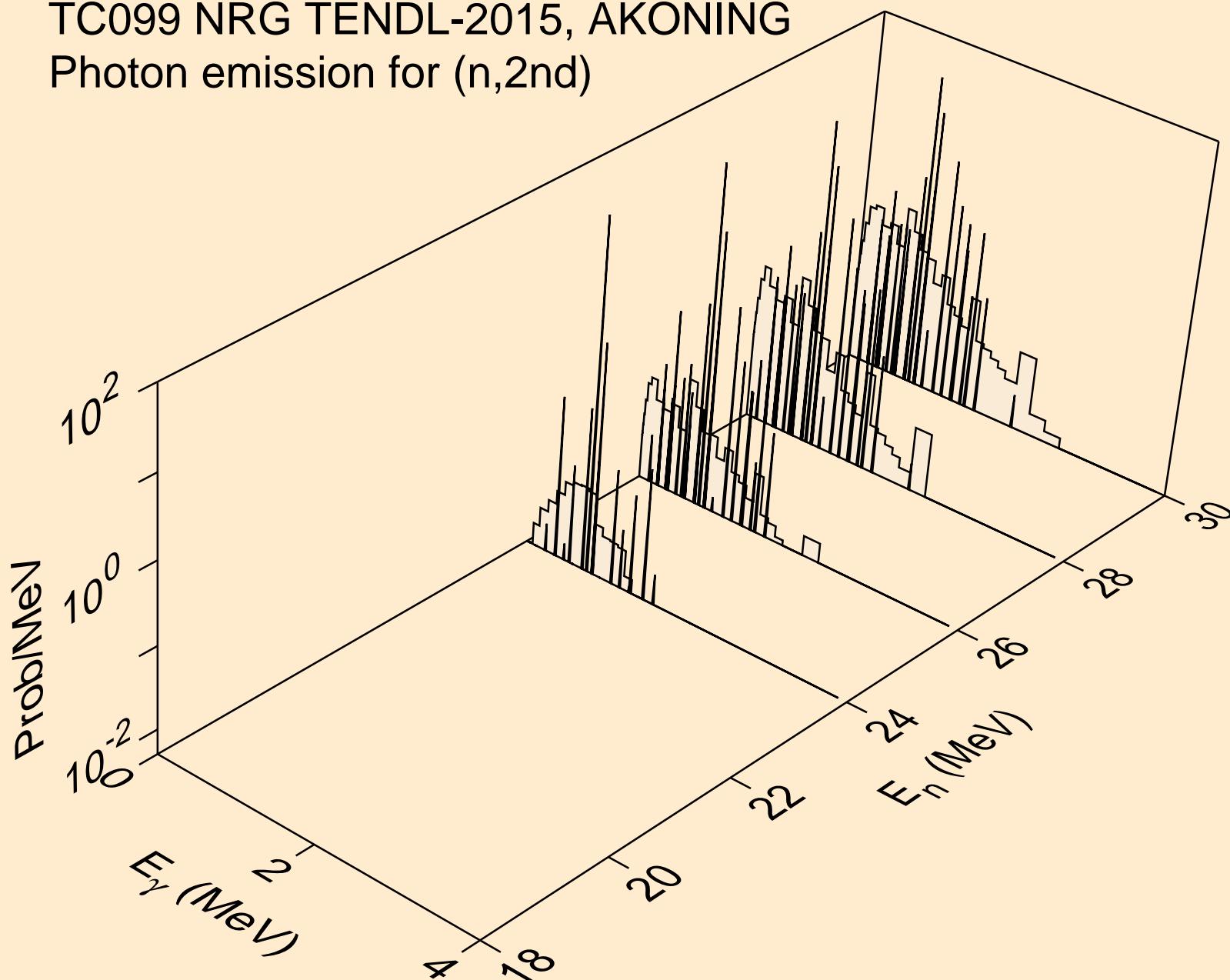
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Neutron emission for ( $n,n^*c$ )



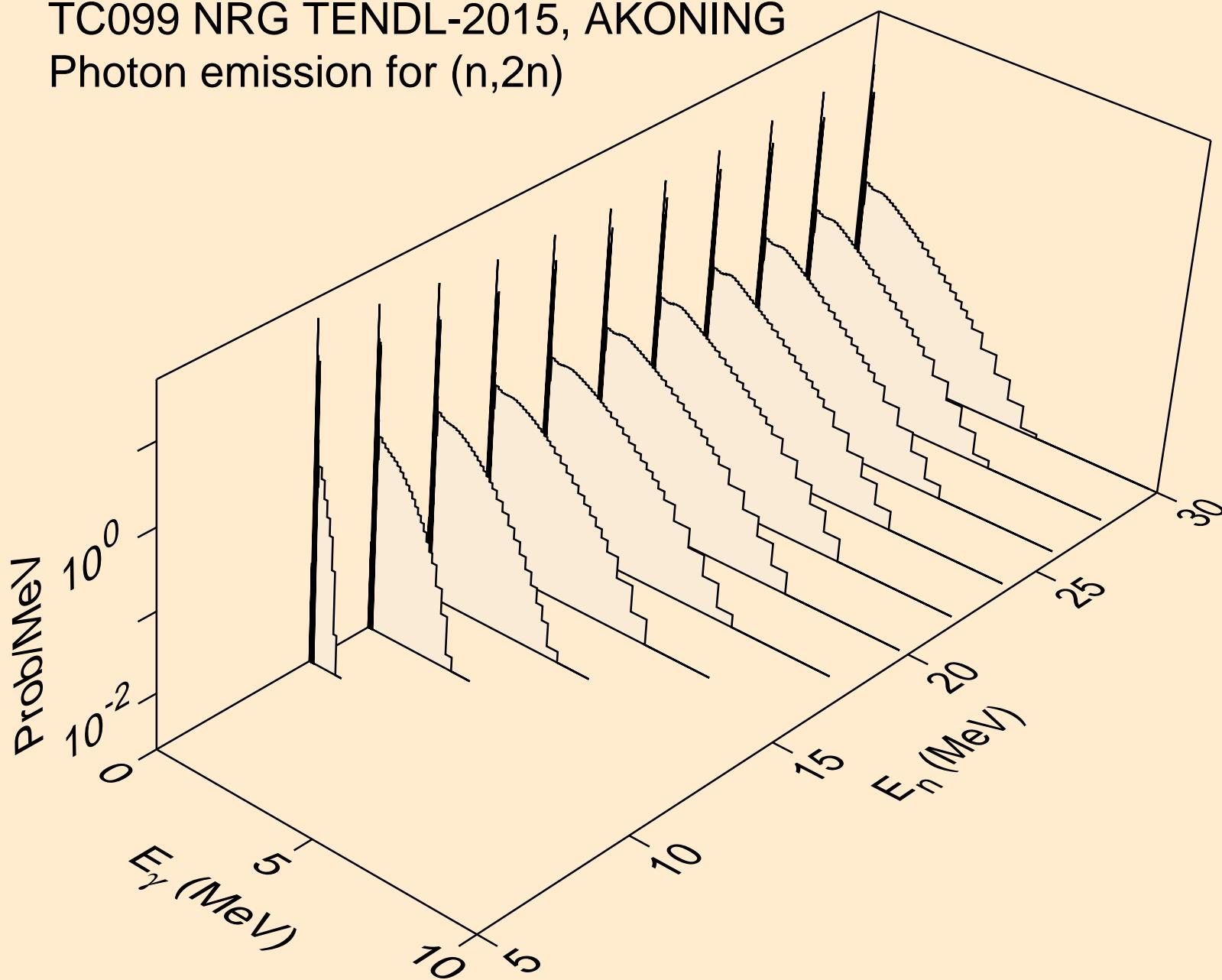
TC099 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



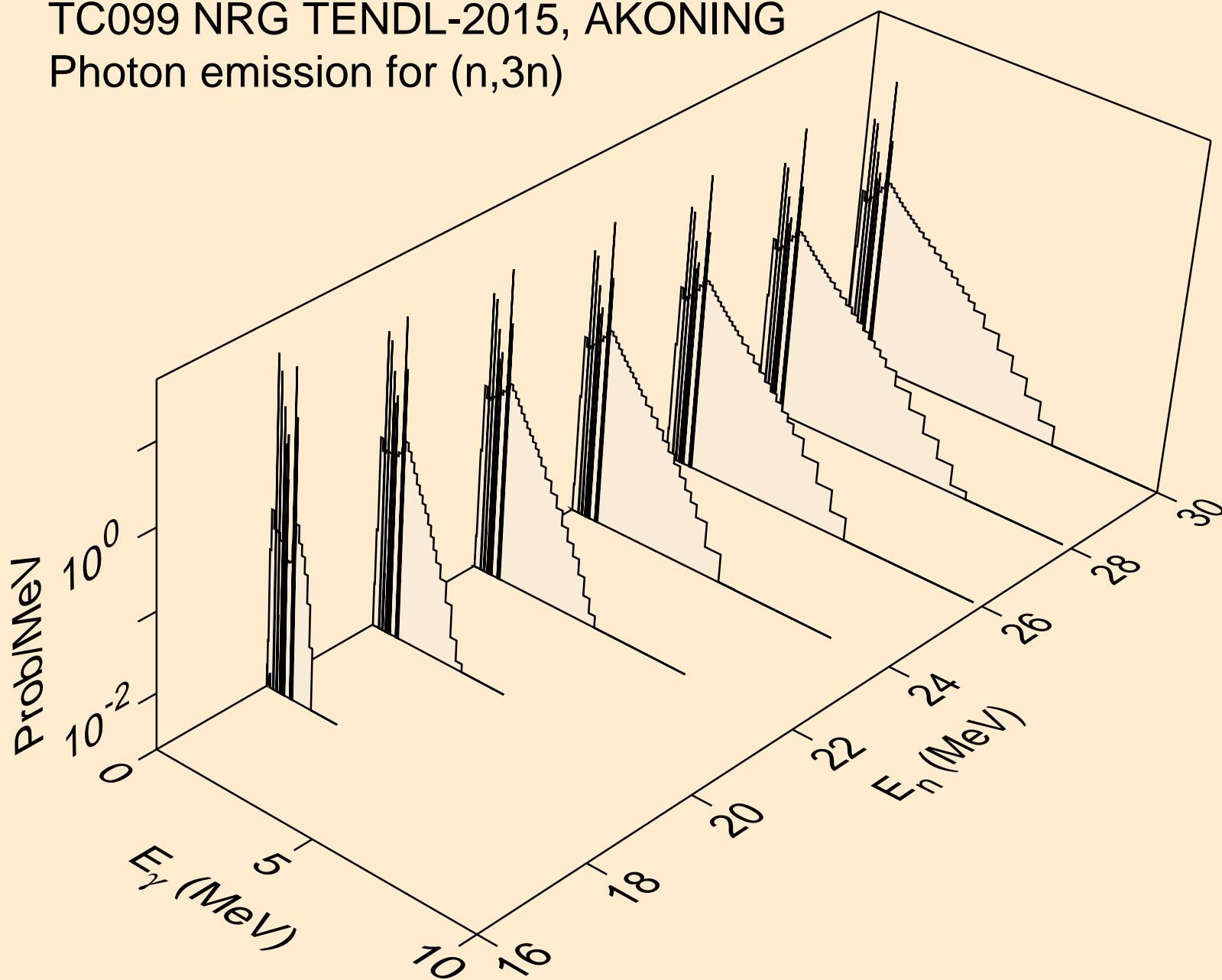
TC099 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



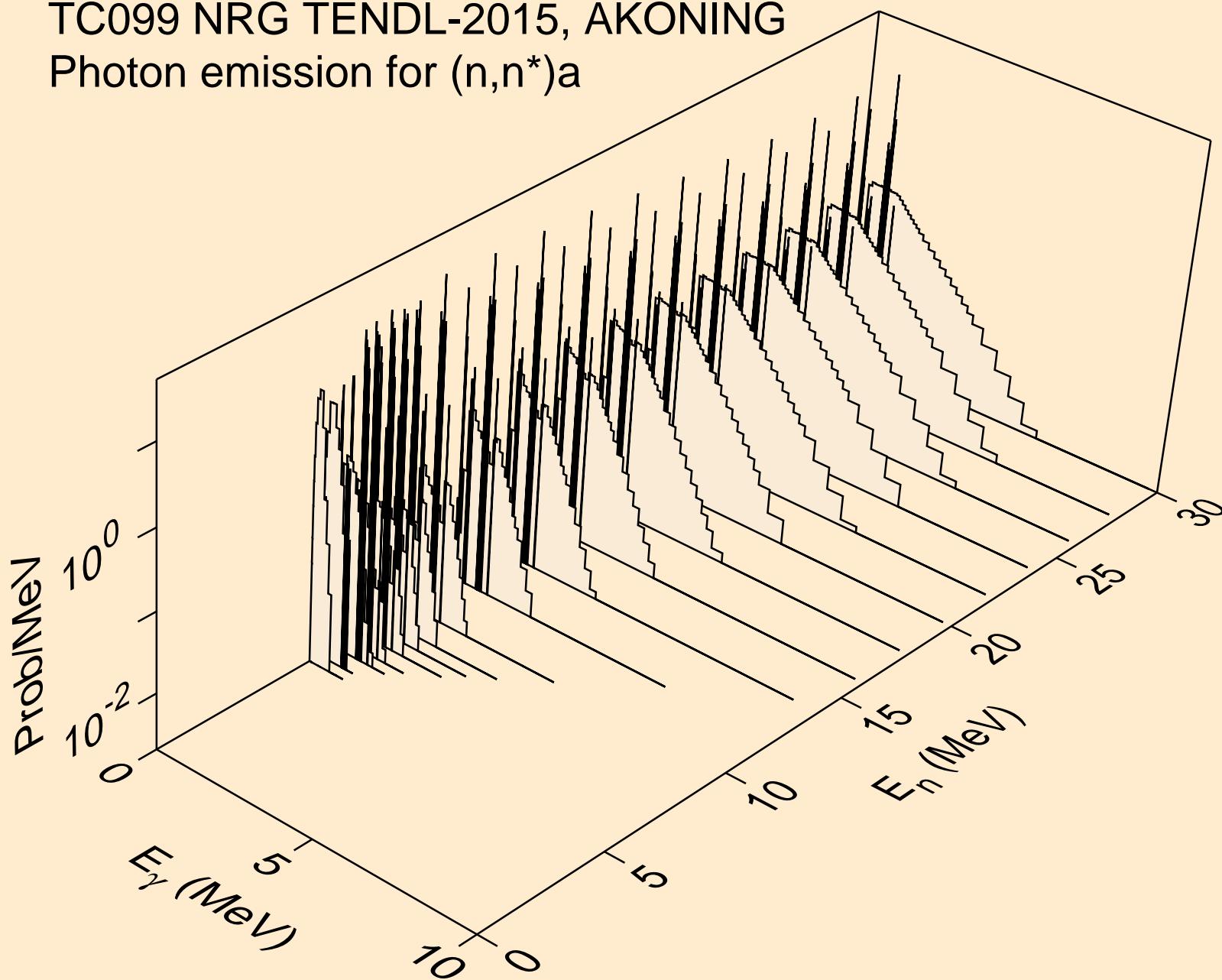
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Photon emission for (n,2n)



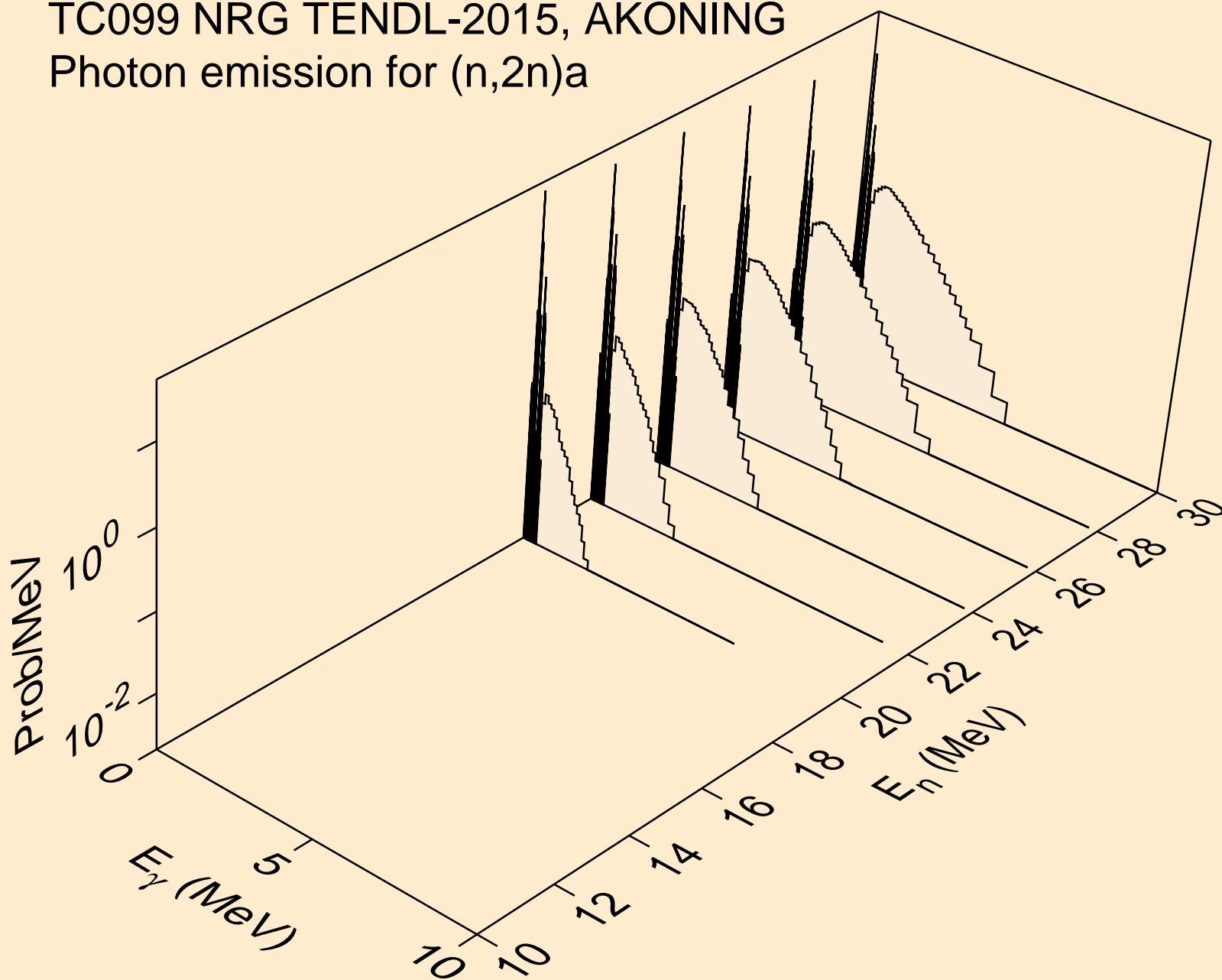
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Photon emission for (n,3n)



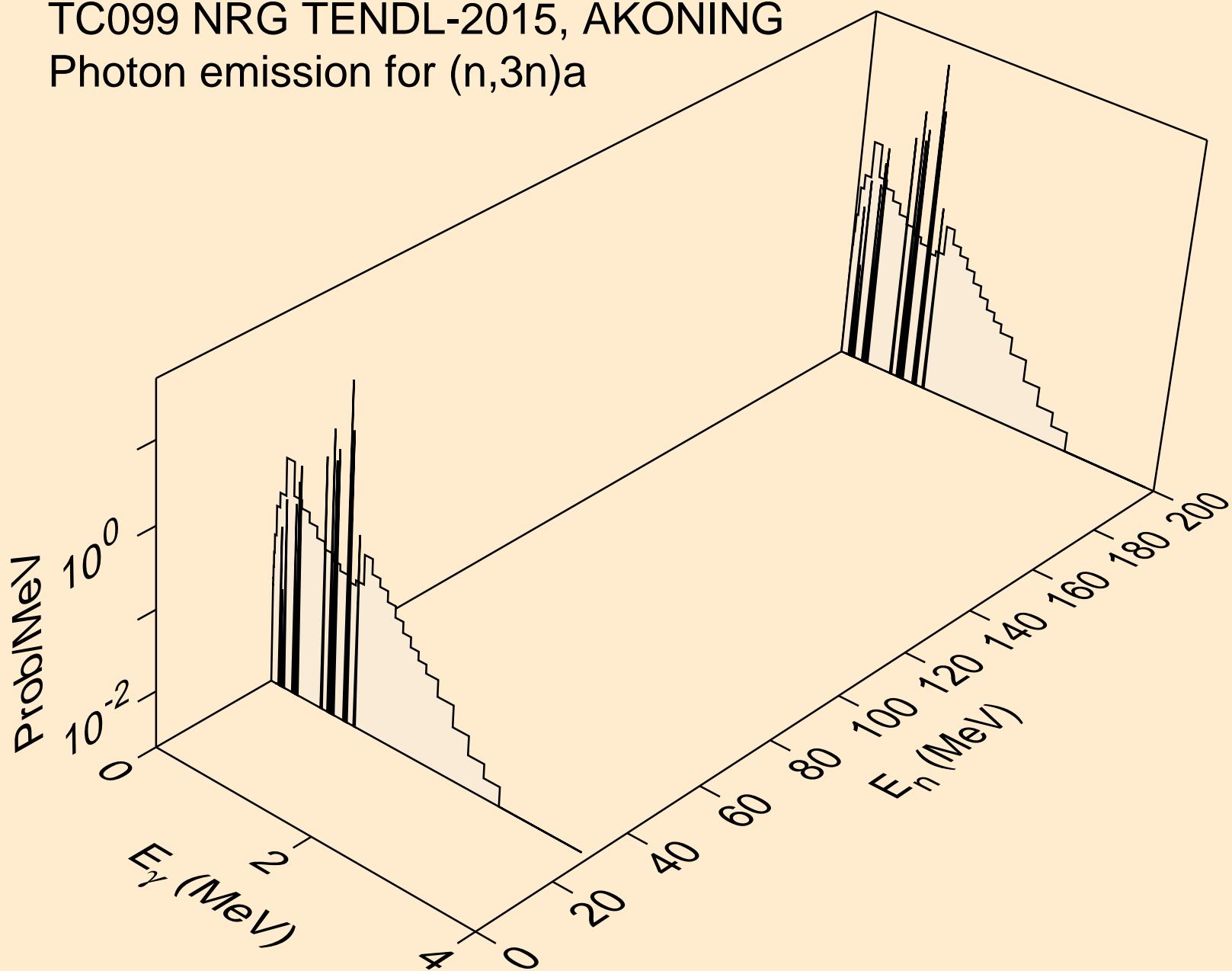
TC099 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)a$



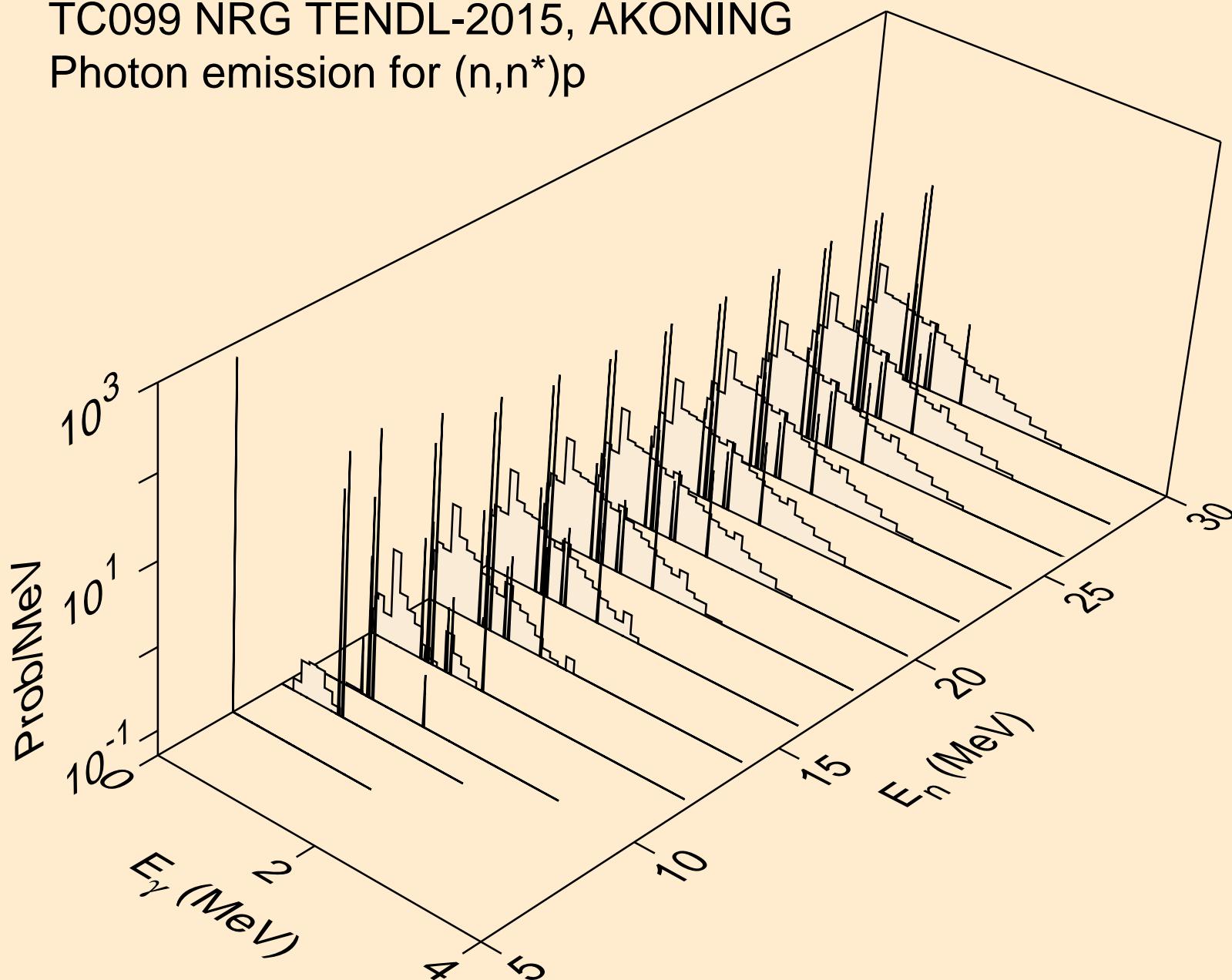
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Photon emission for (n,2n)a



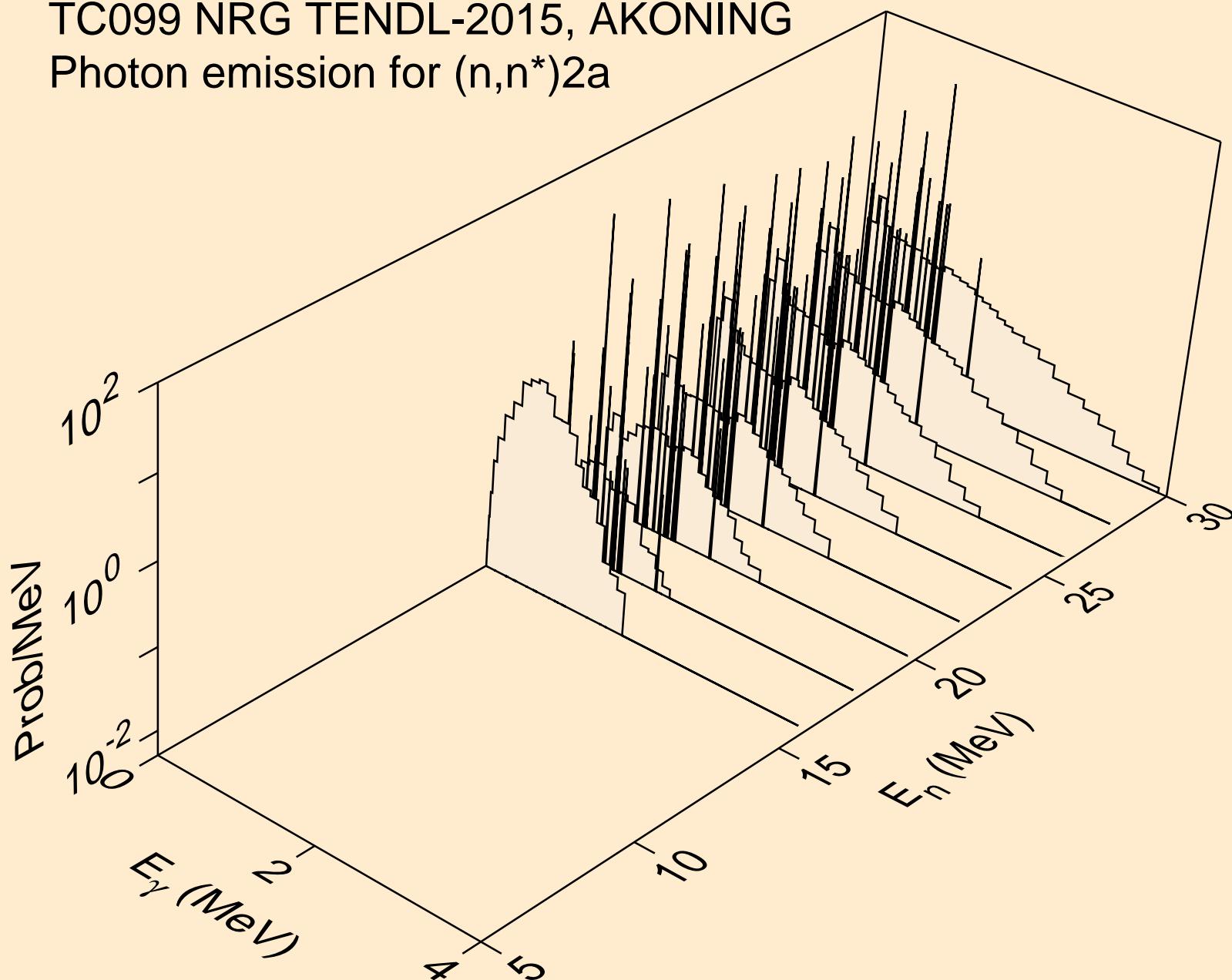
TC099 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



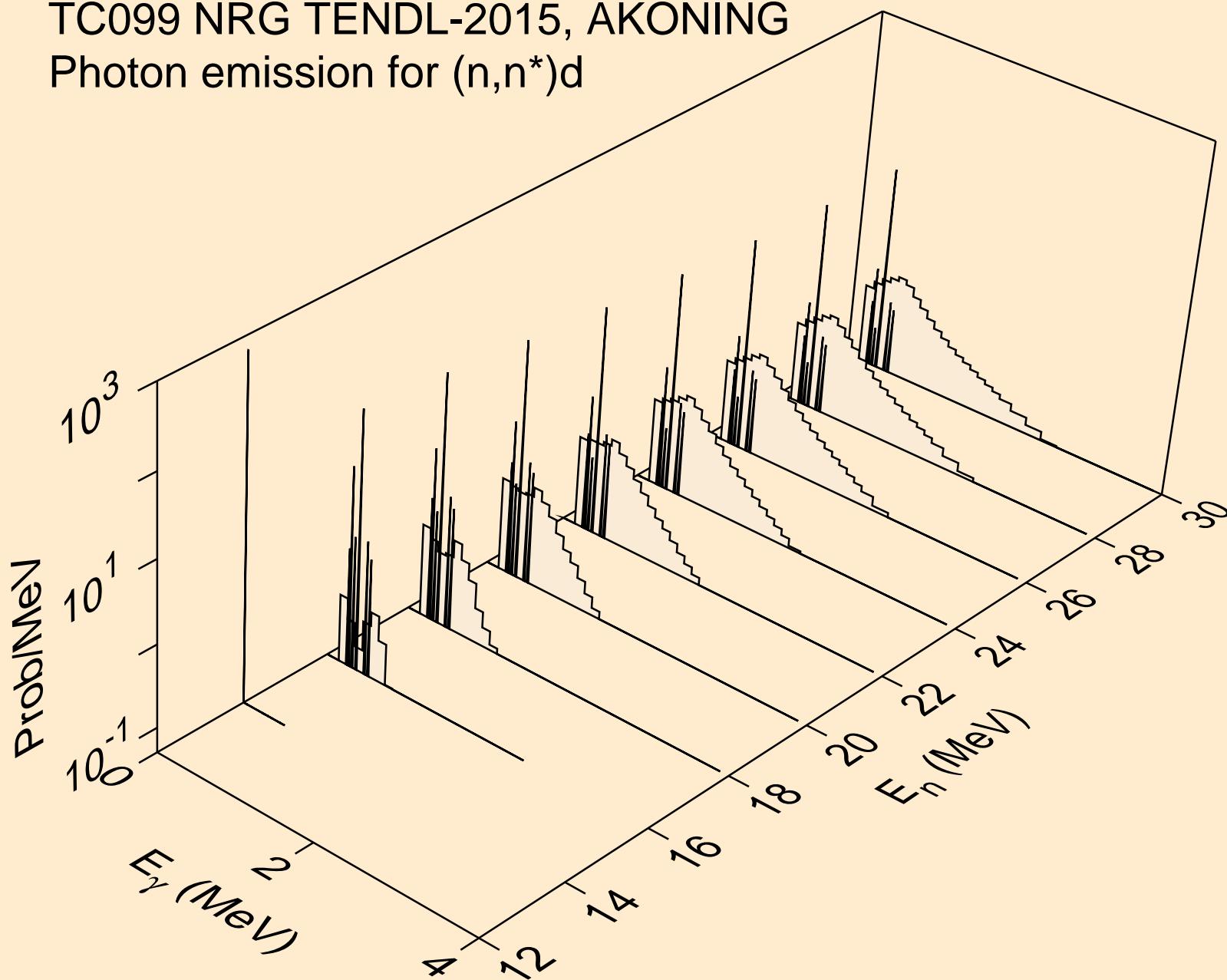
TC099 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)p$



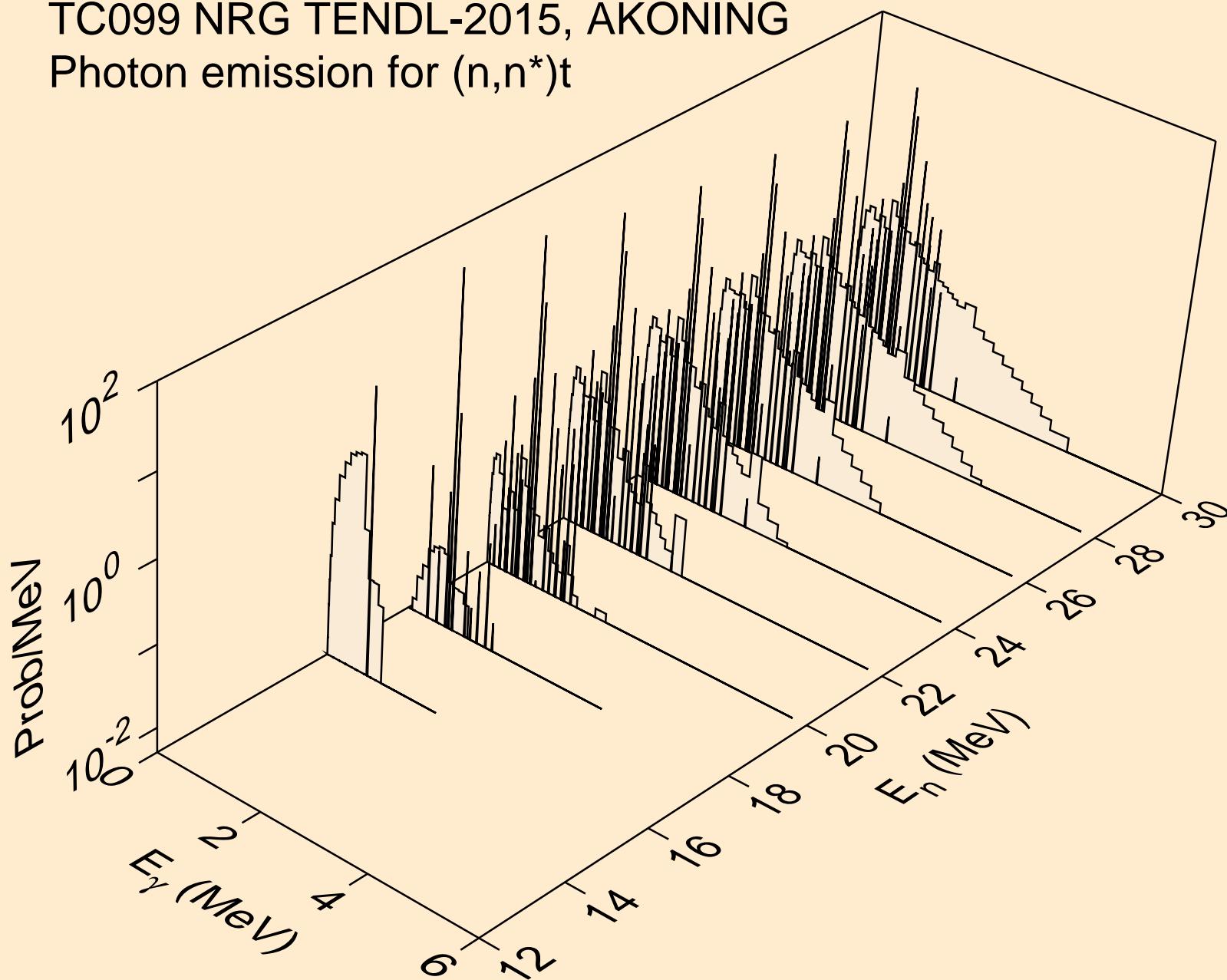
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Photon emission for  $(n,n^*)2a$



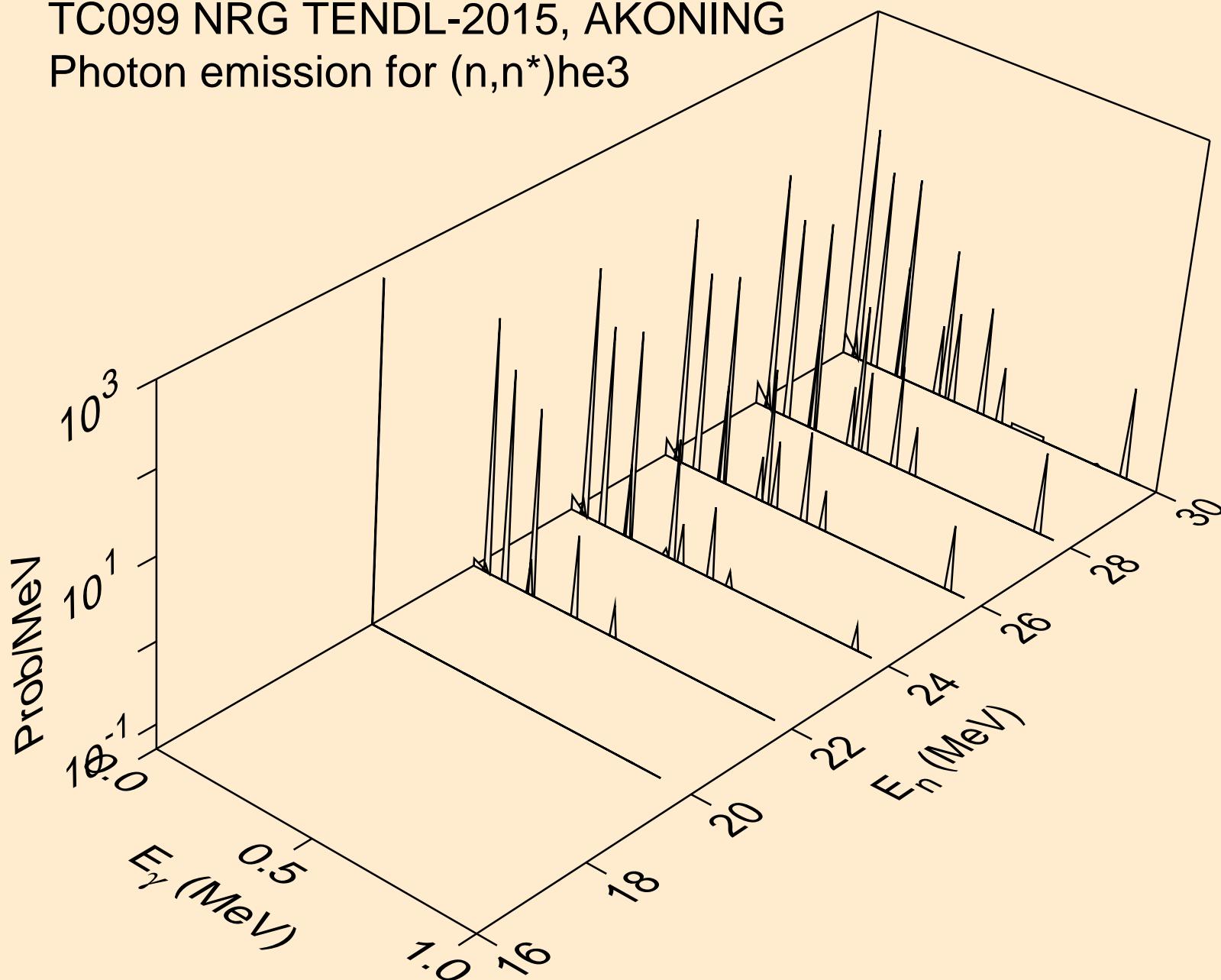
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Photon emission for  $(n,n^*)d$



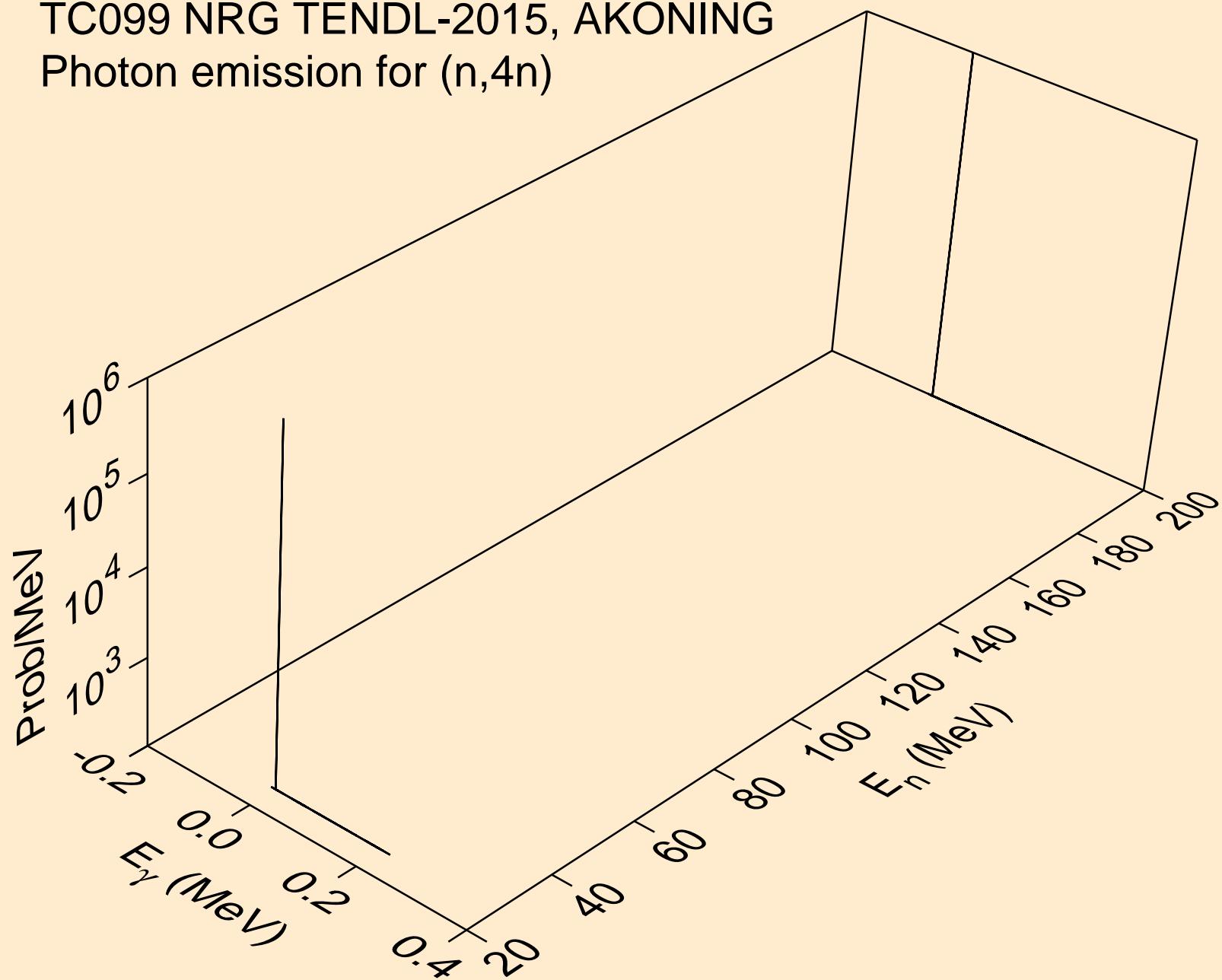
TC099 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)t$



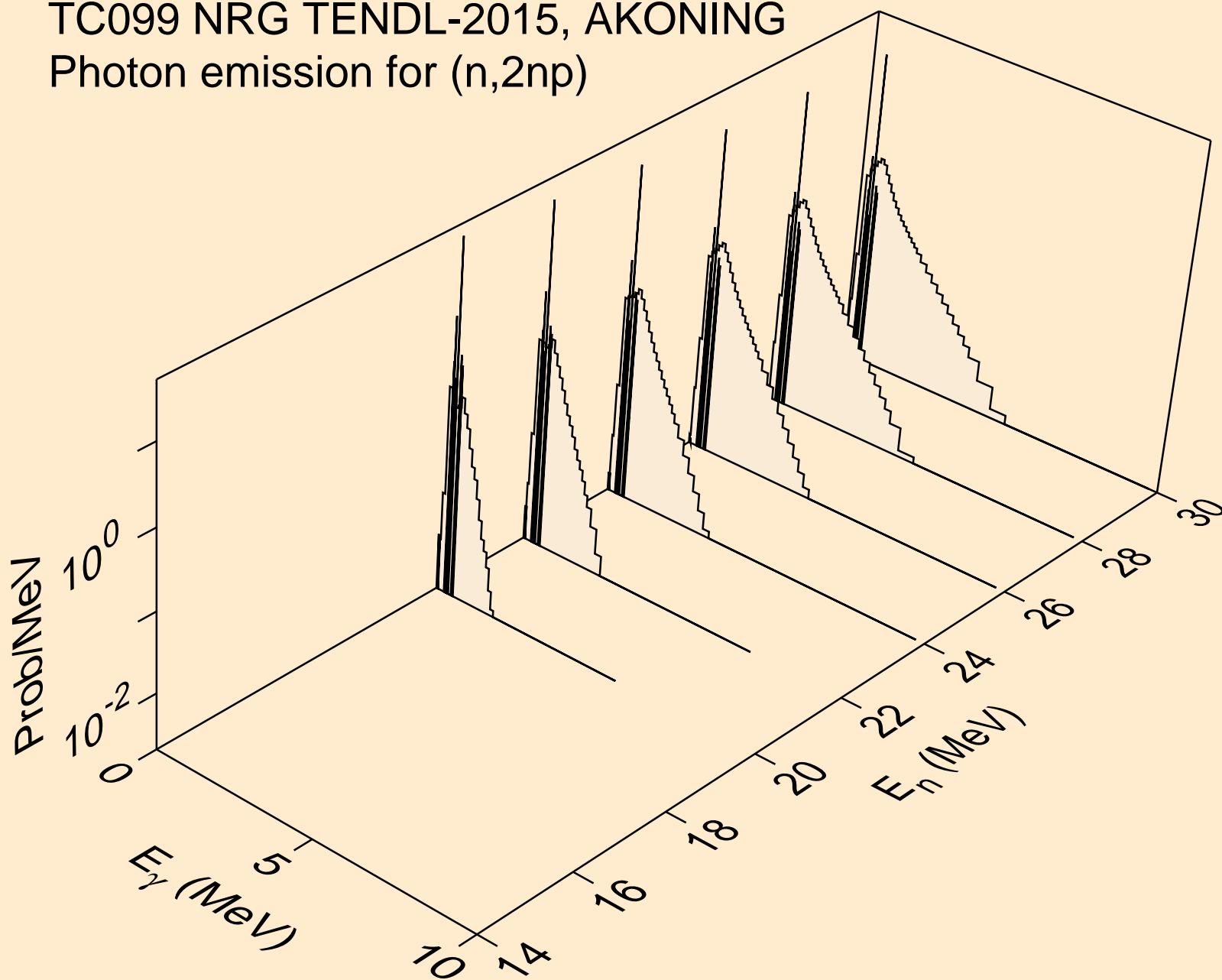
TC099 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)\text{he3}$



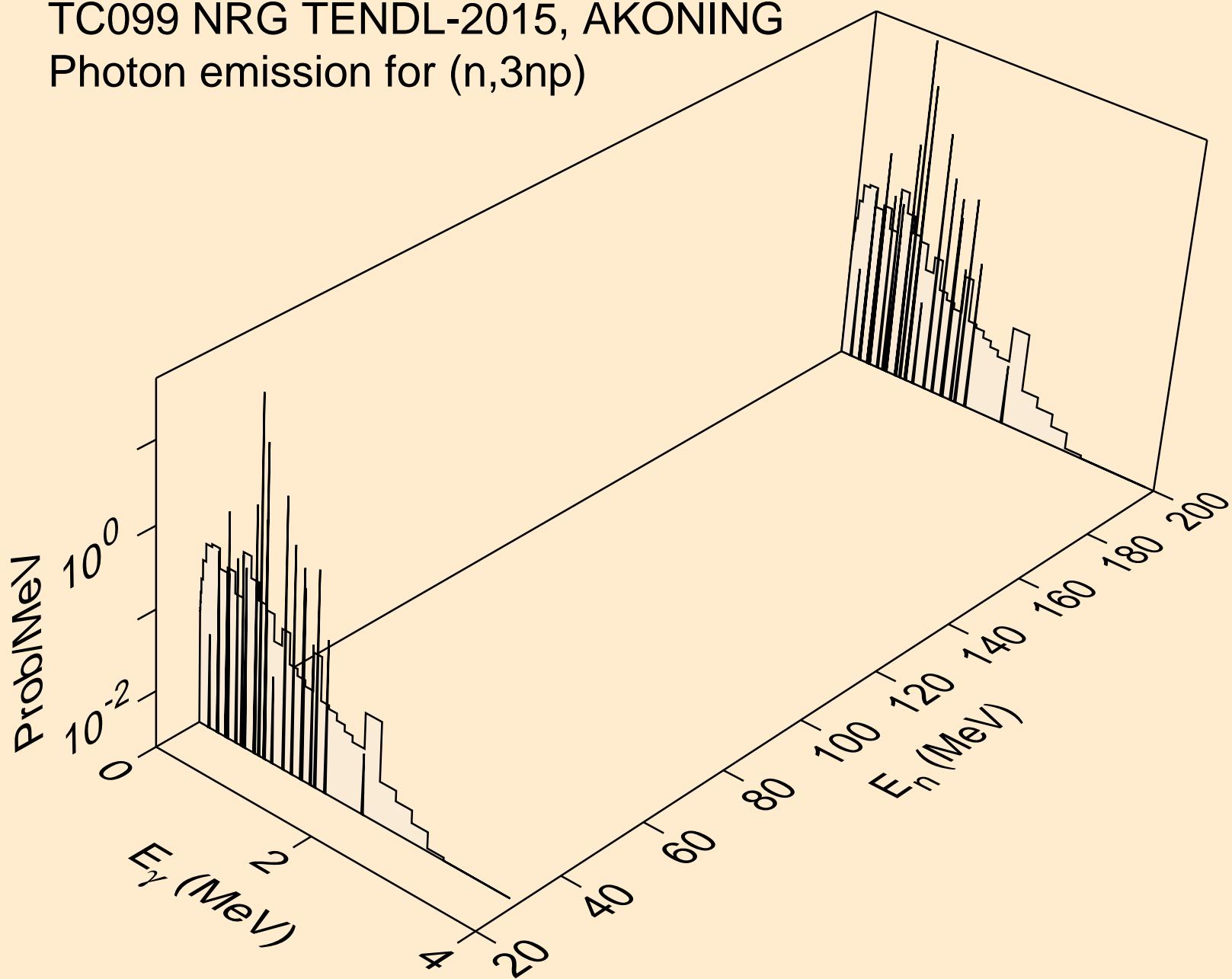
TC099 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



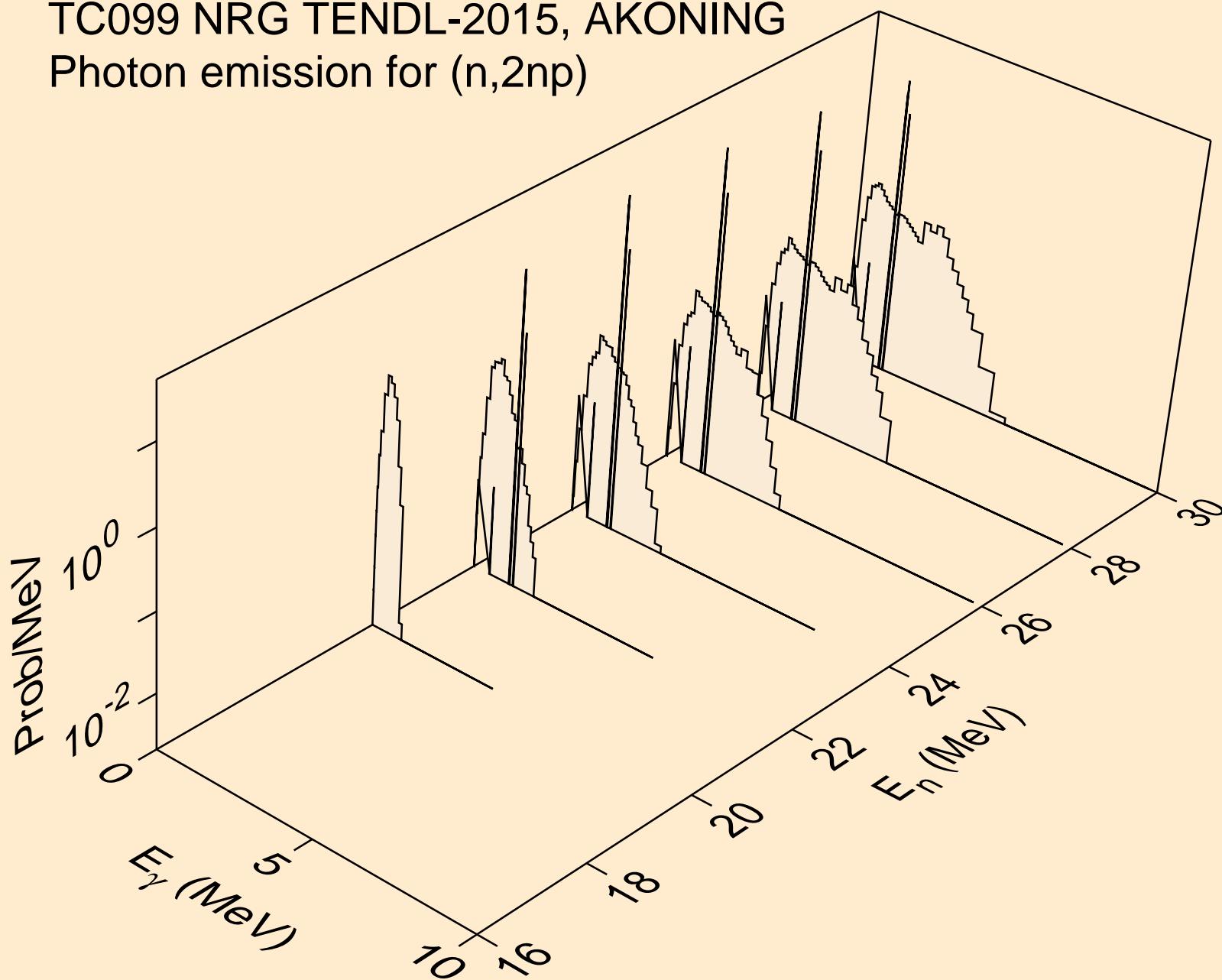
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Photon emission for (n,2np)



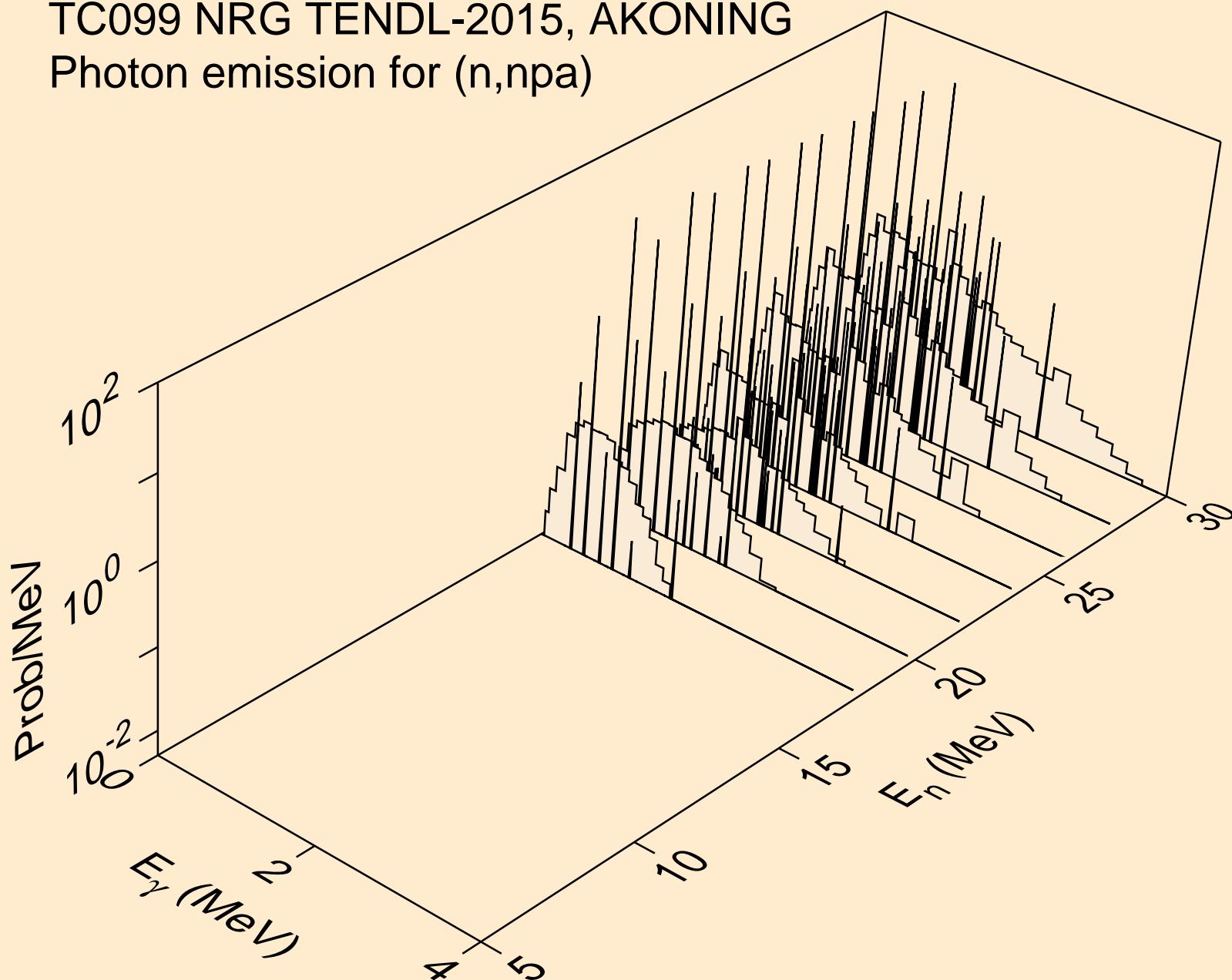
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Photon emission for (n,3np)



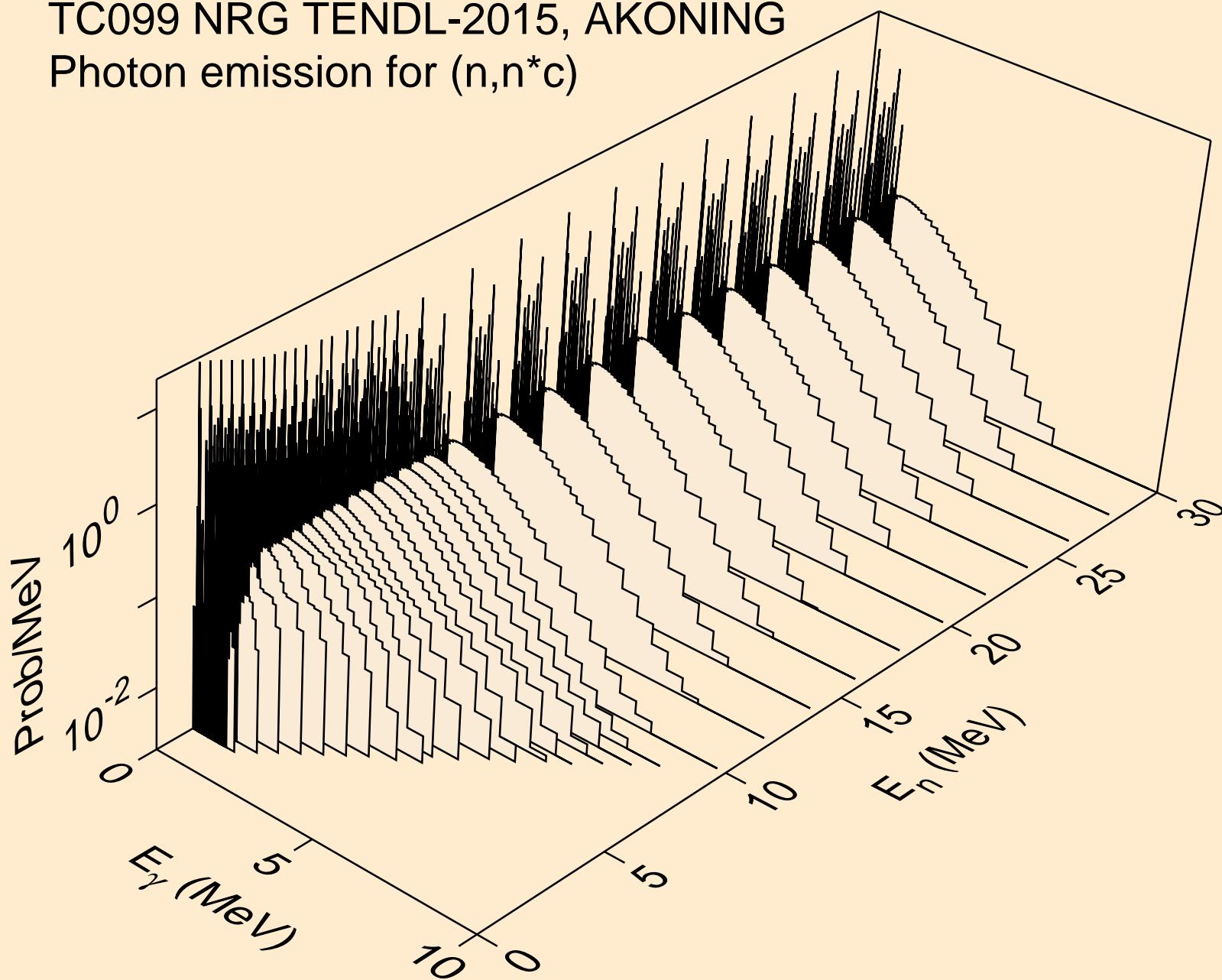
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Photon emission for (n,2np)



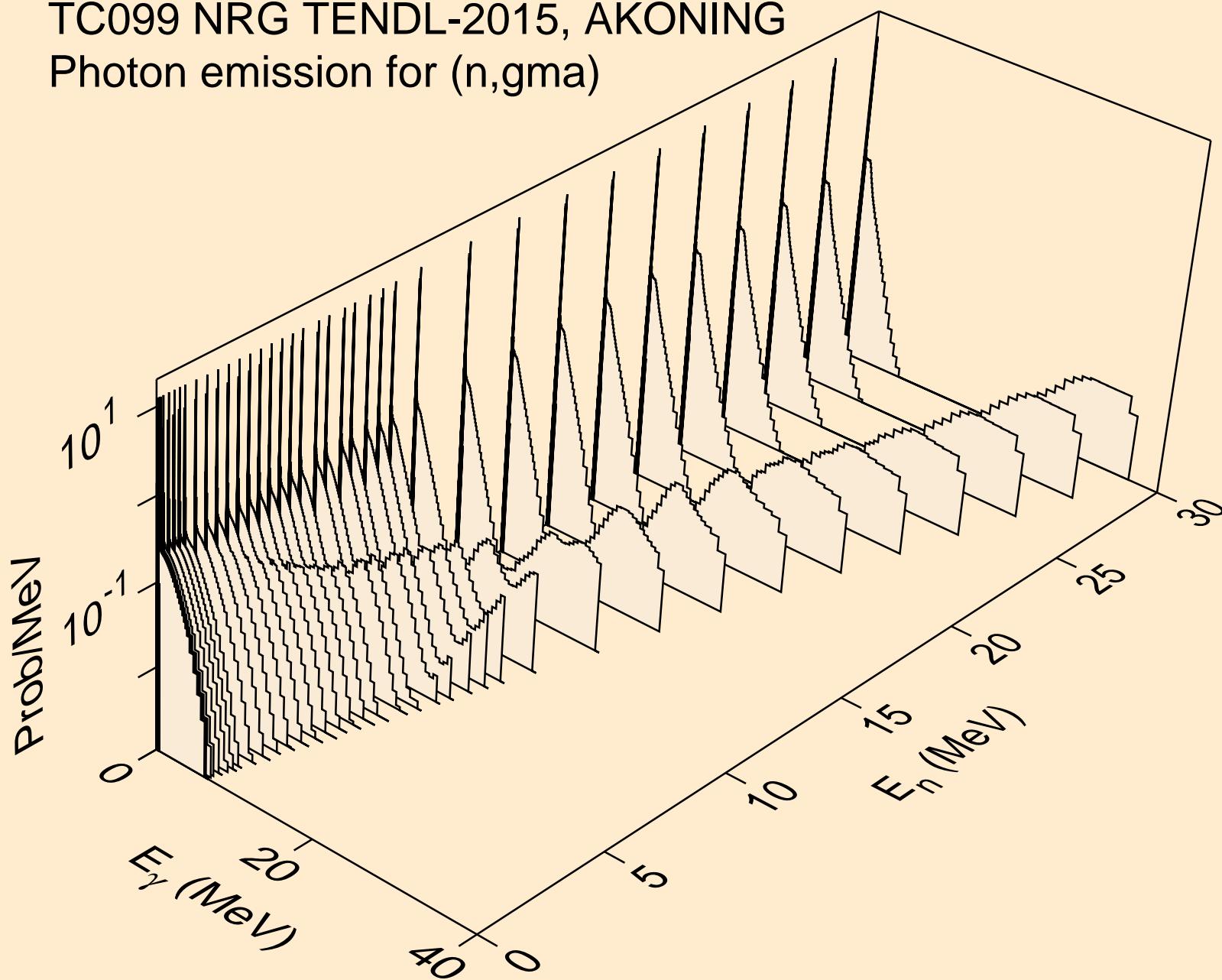
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Photon emission for (n,npa)



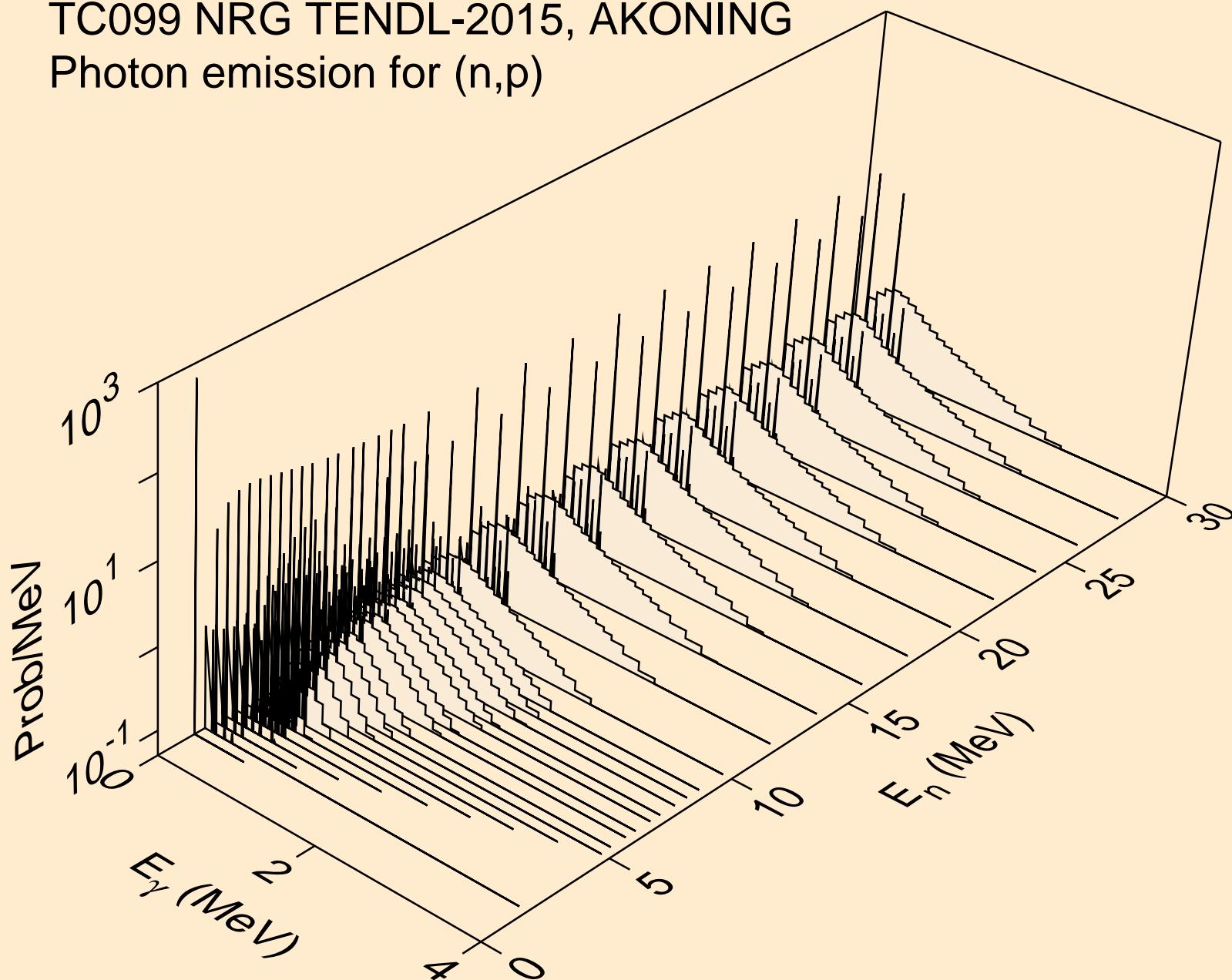
TC099 NRG TENDL-2015, AKONING  
Photon emission for ( $n, n^*c$ )



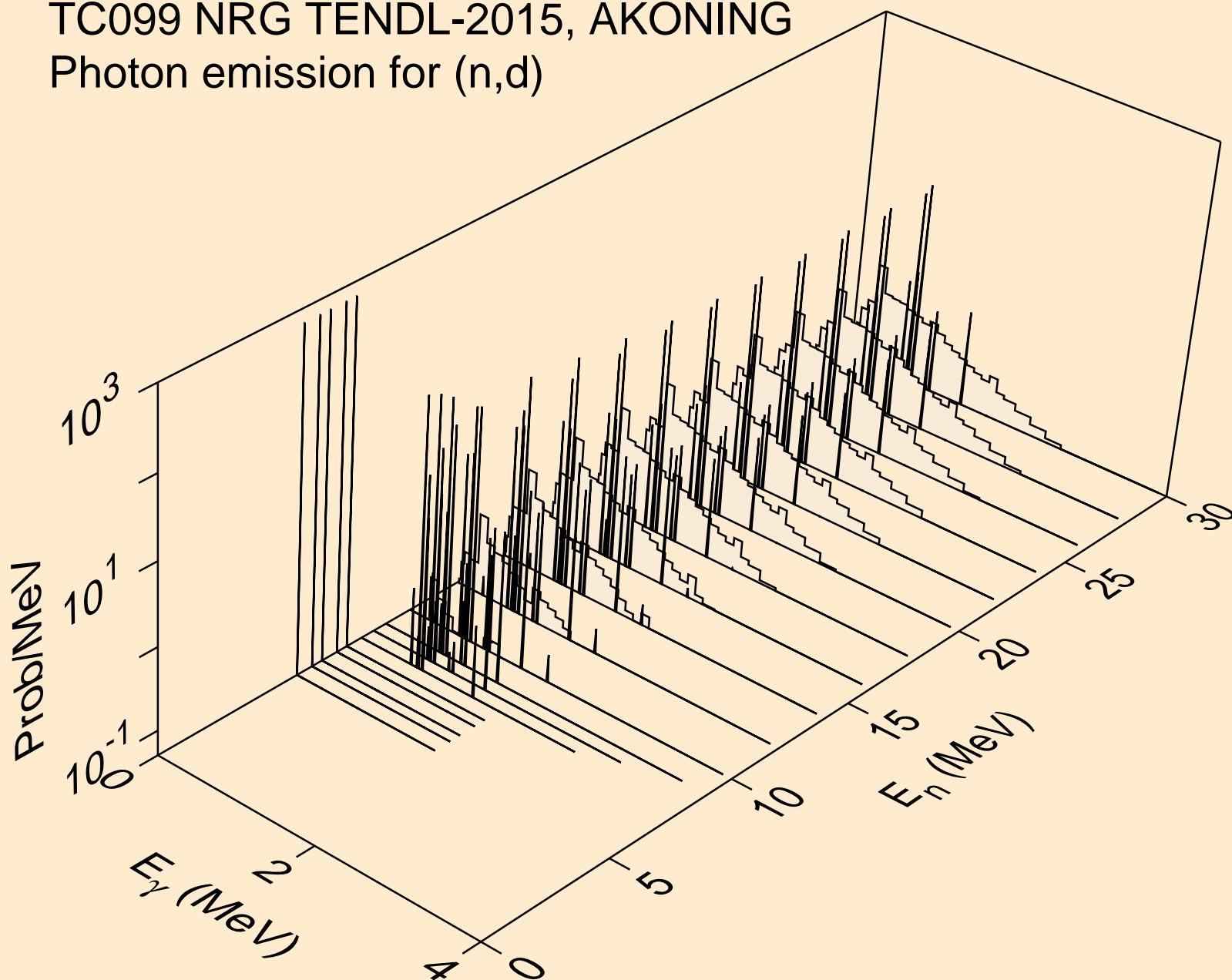
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Photon emission for (n,gma)



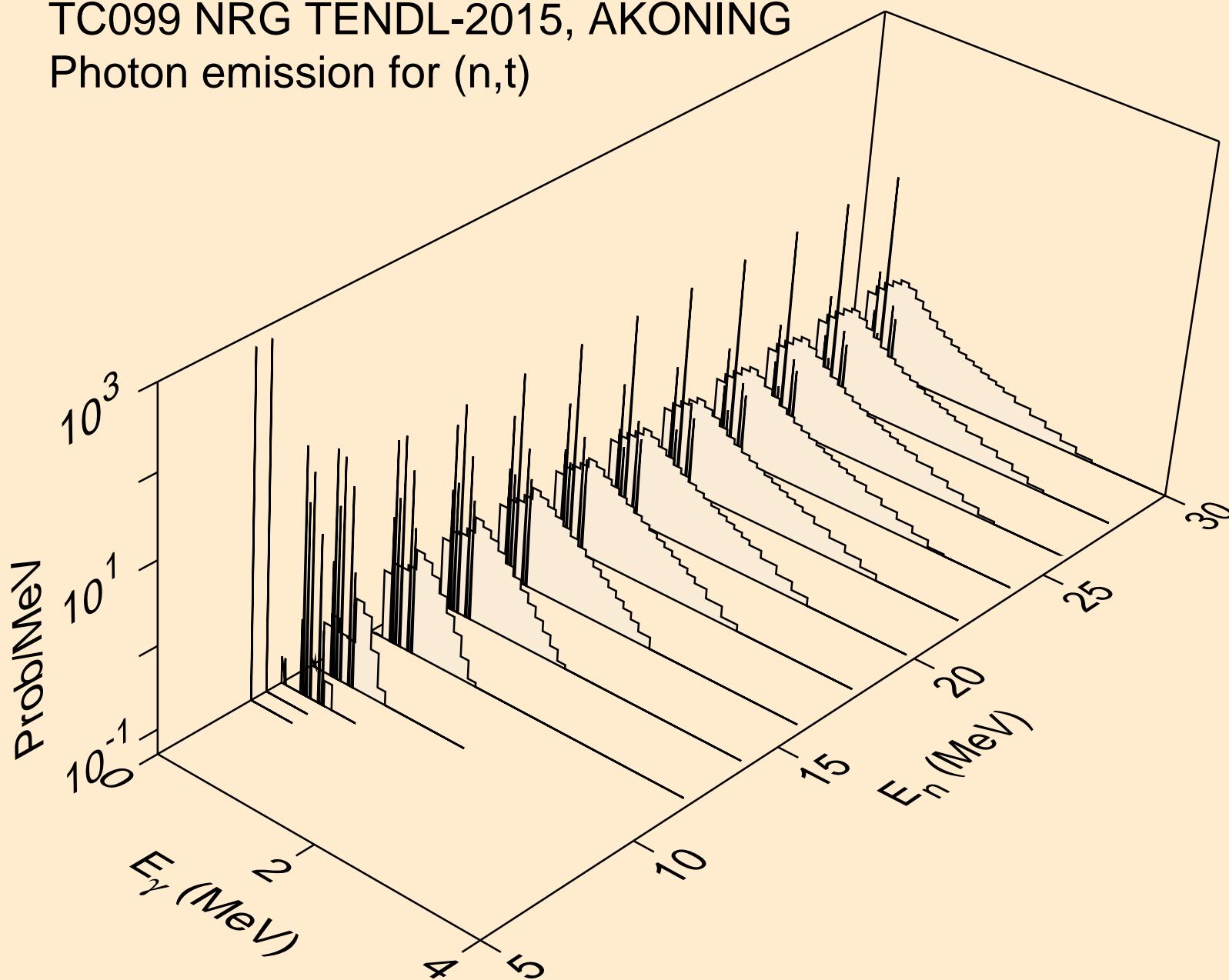
TC099 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



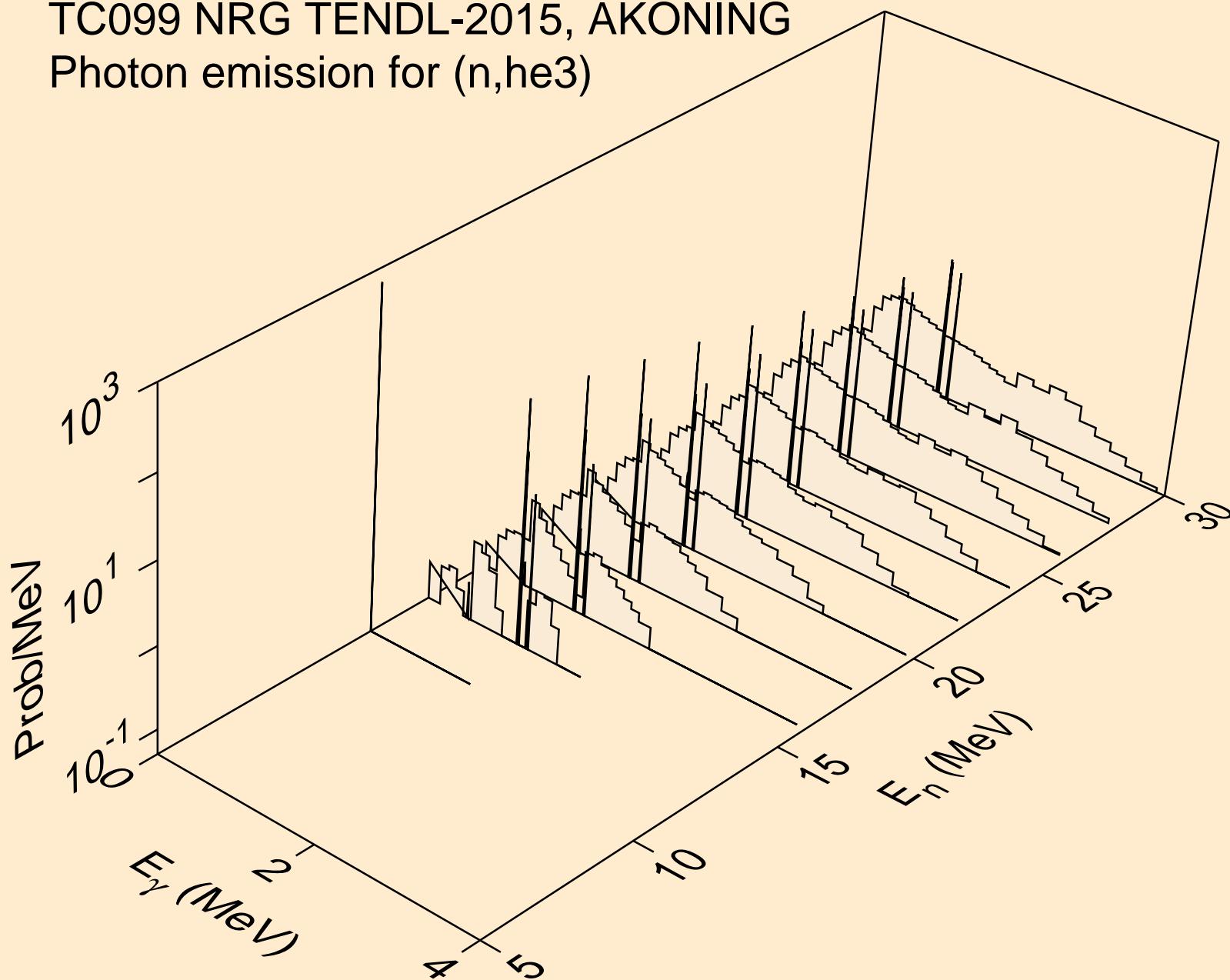
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Photon emission for (n,d)



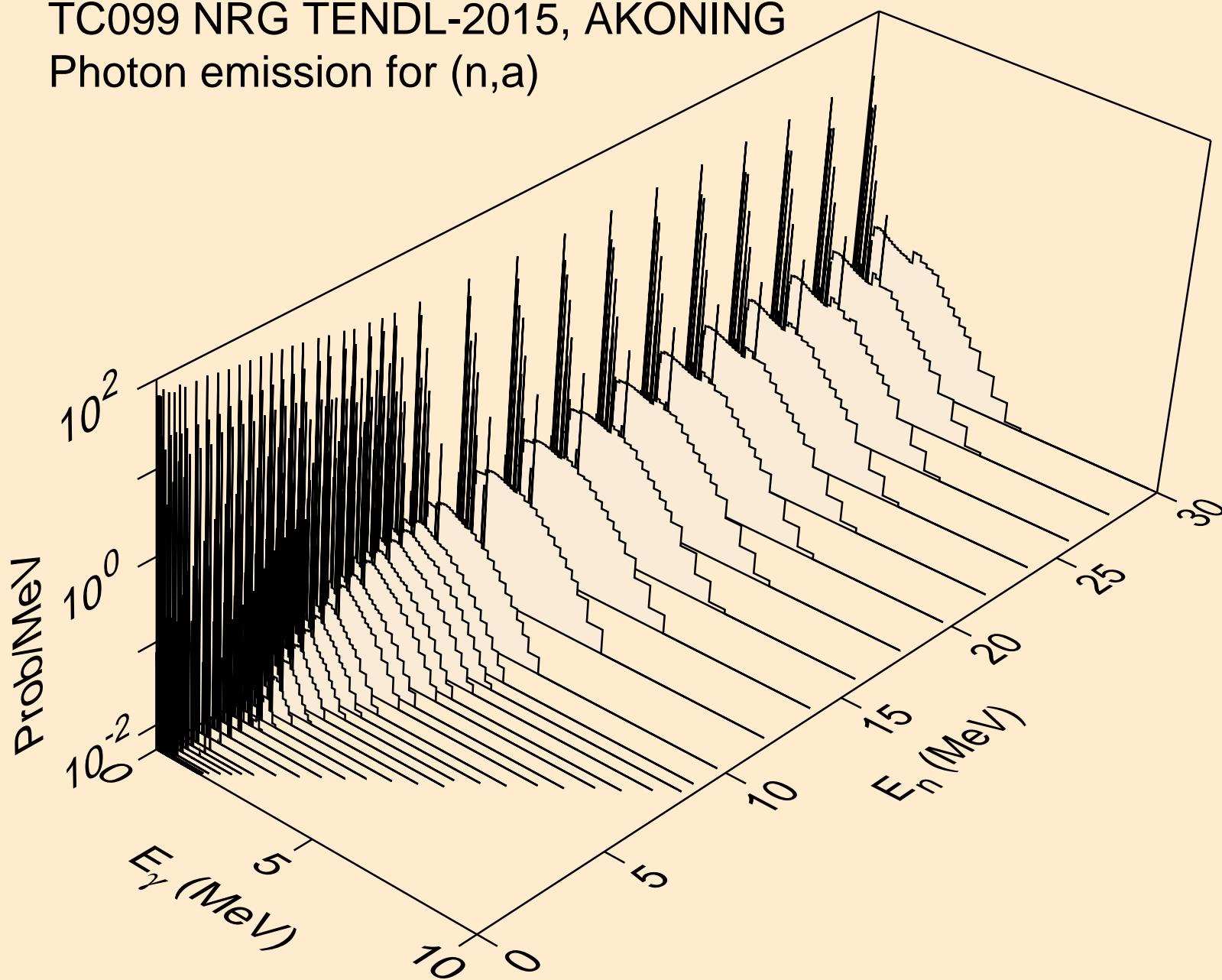
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Photon emission for (n,t)



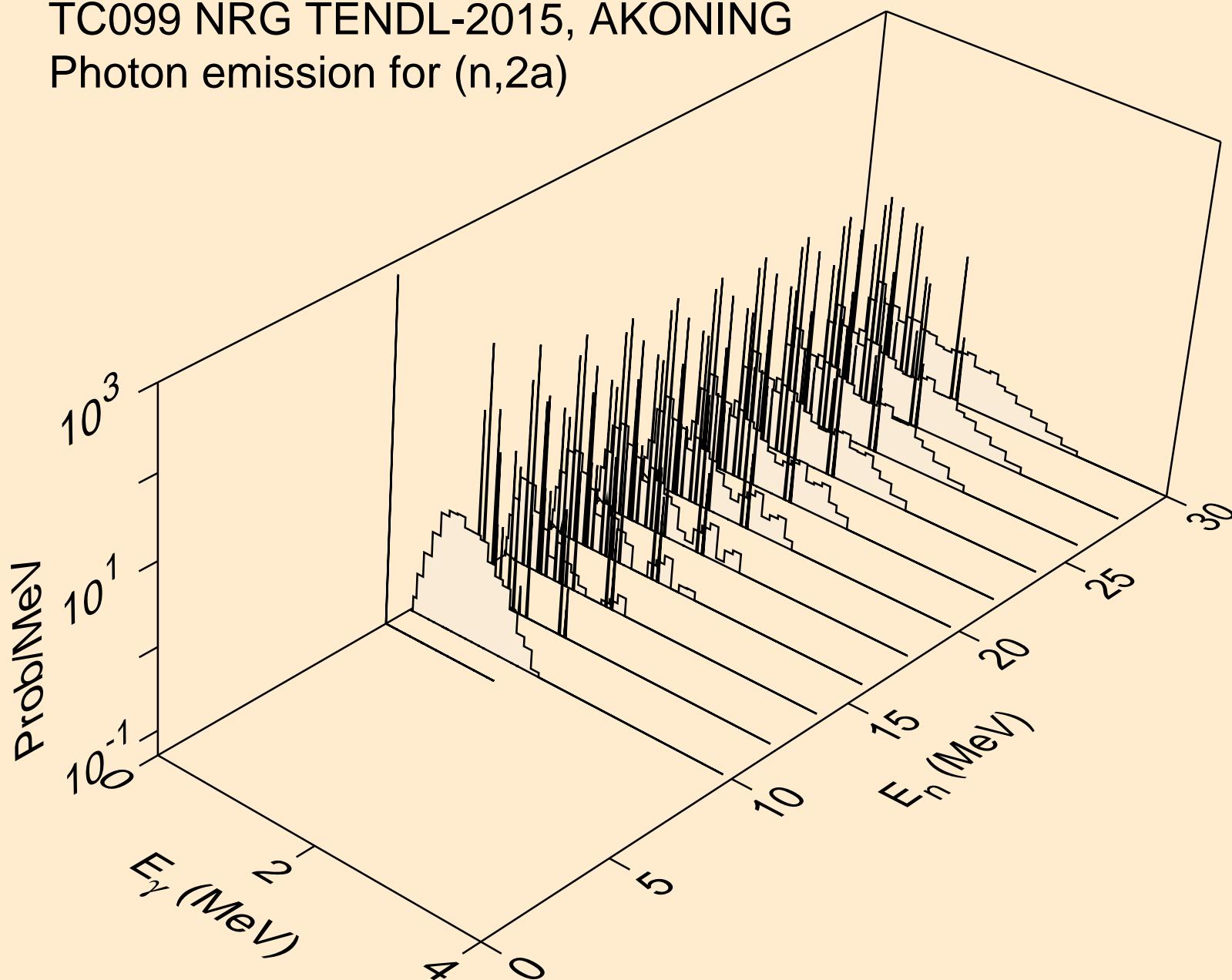
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Photon emission for (n,he3)



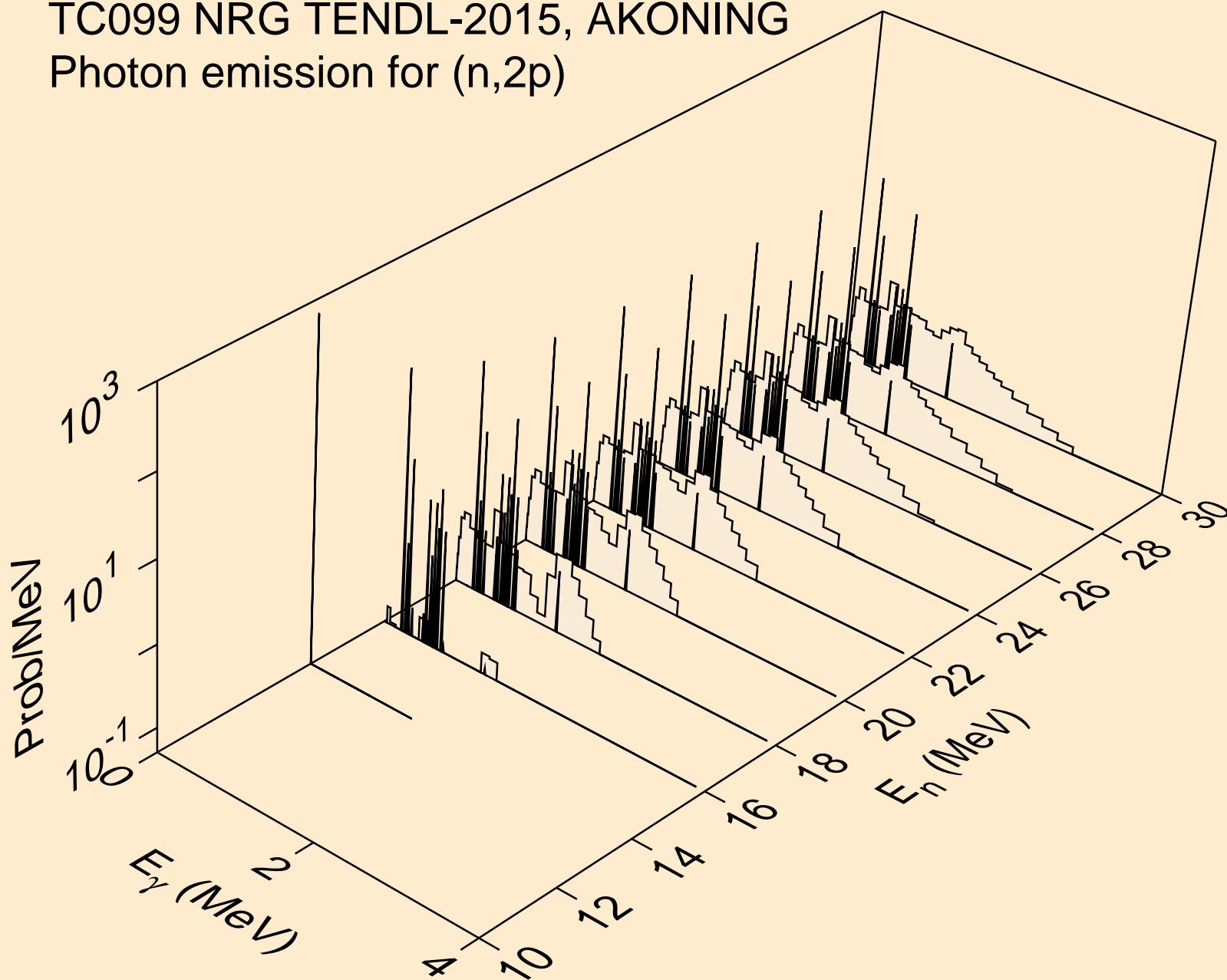
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Photon emission for (n,a)



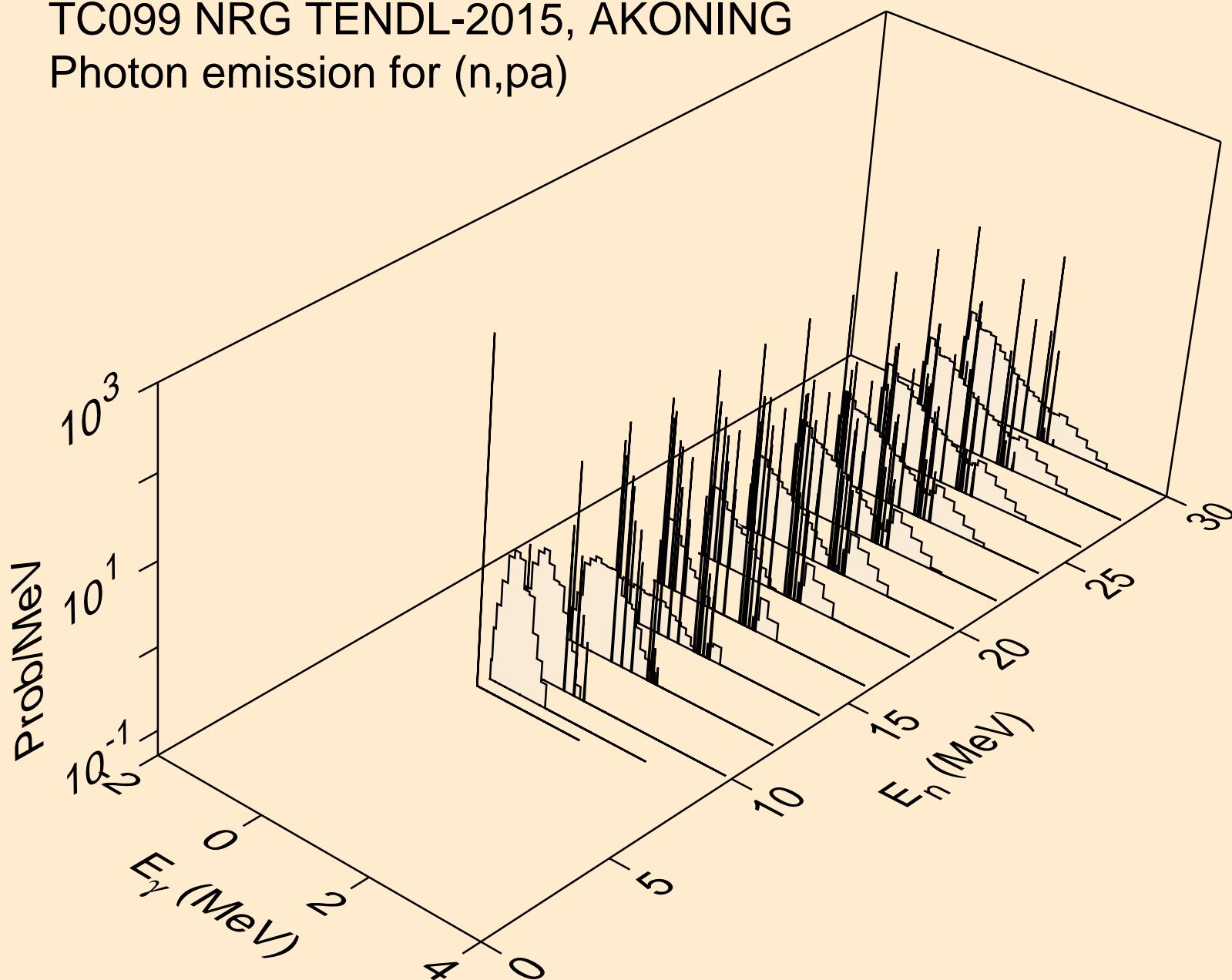
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Photon emission for (n,2a)



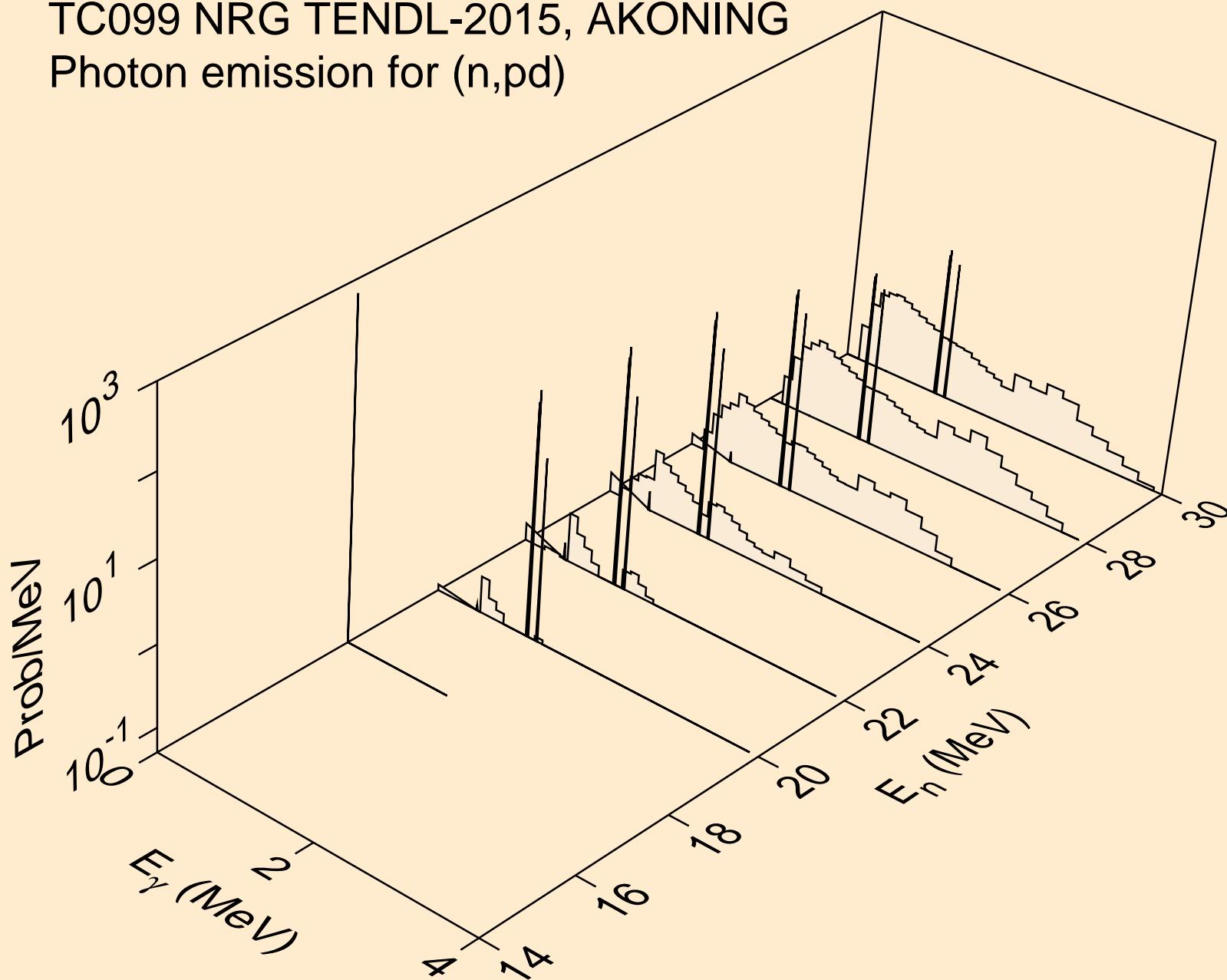
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Photon emission for (n,2p)



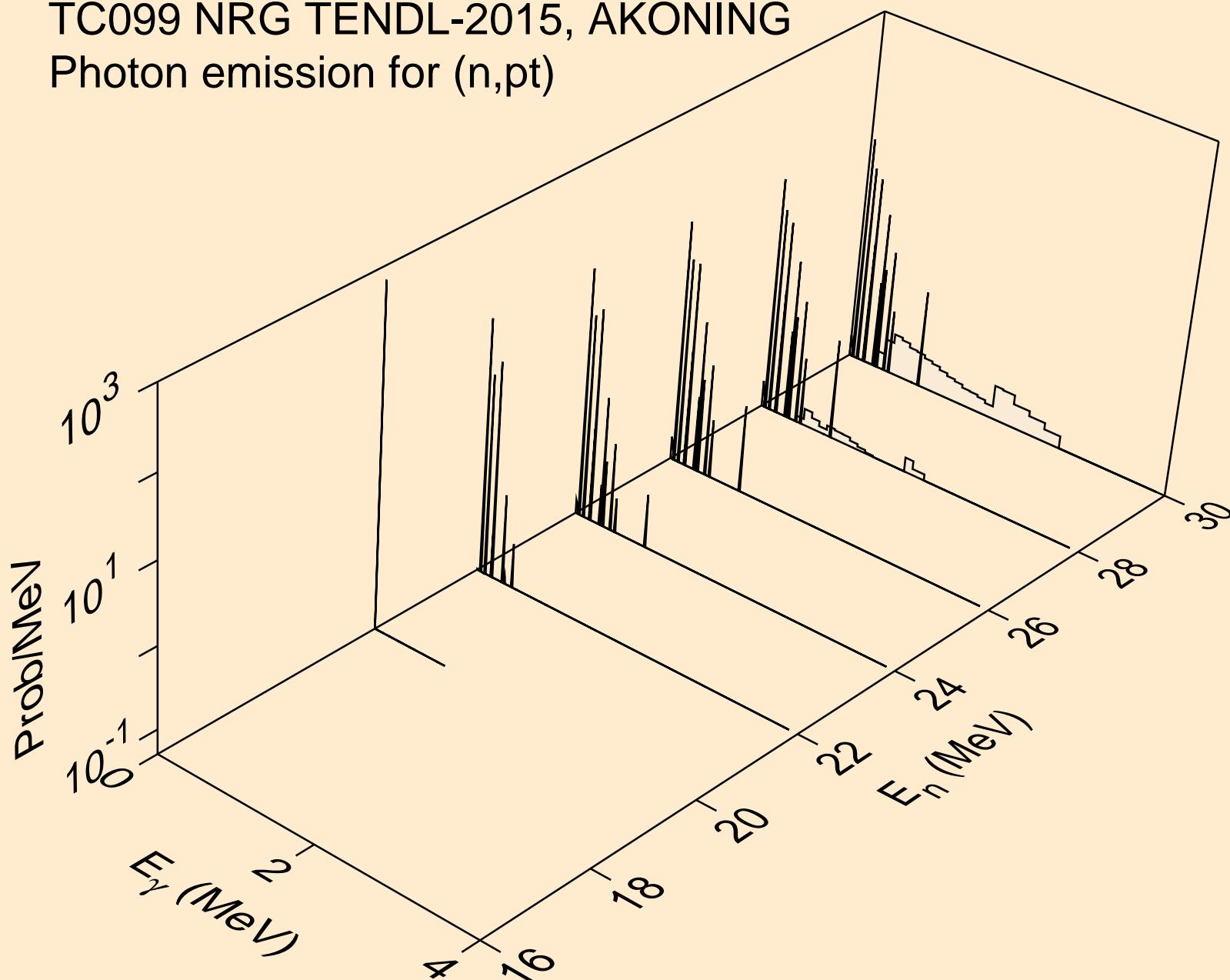
TC099 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



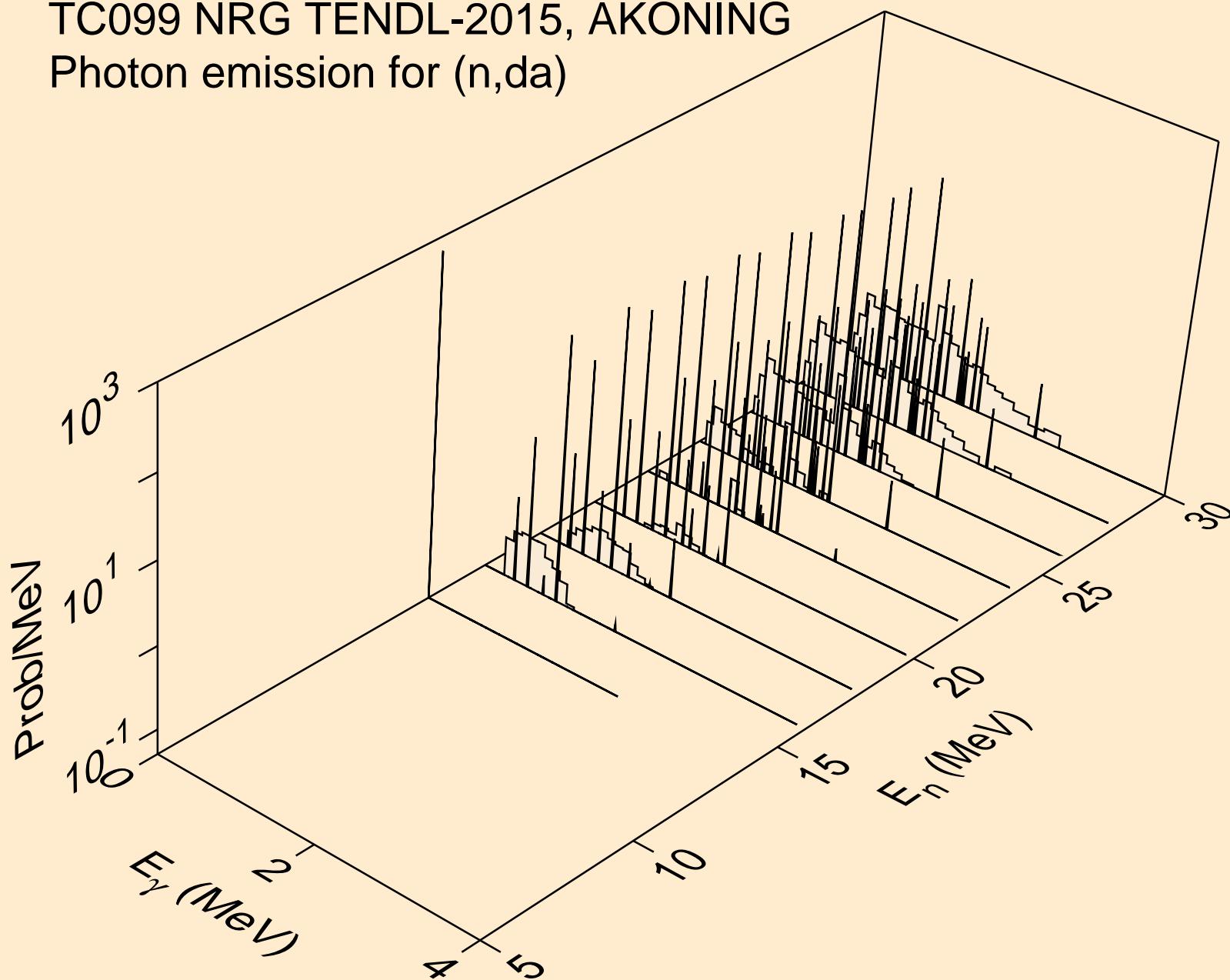
TC099 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



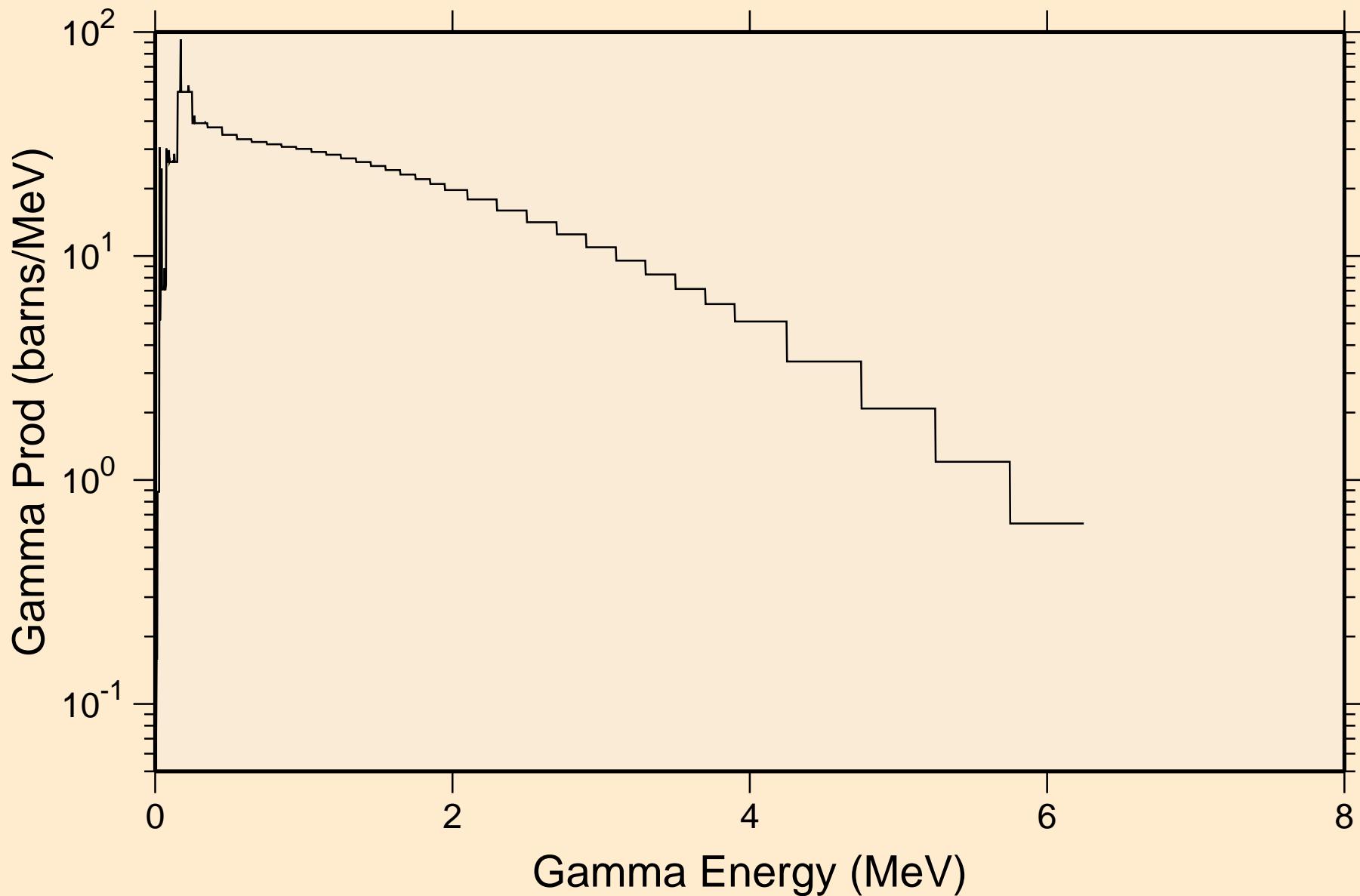
TC099 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



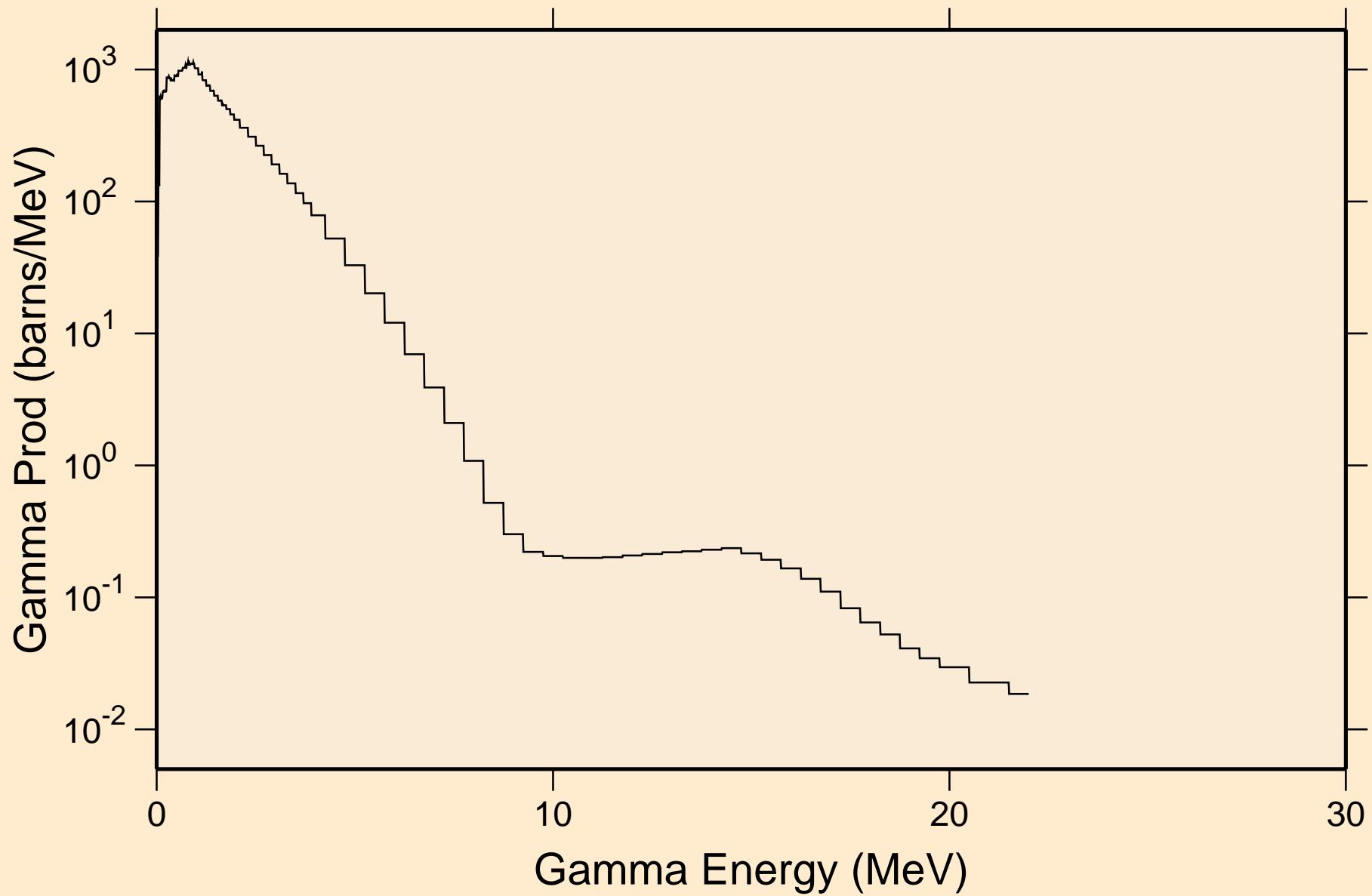
TC099 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



TC099 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

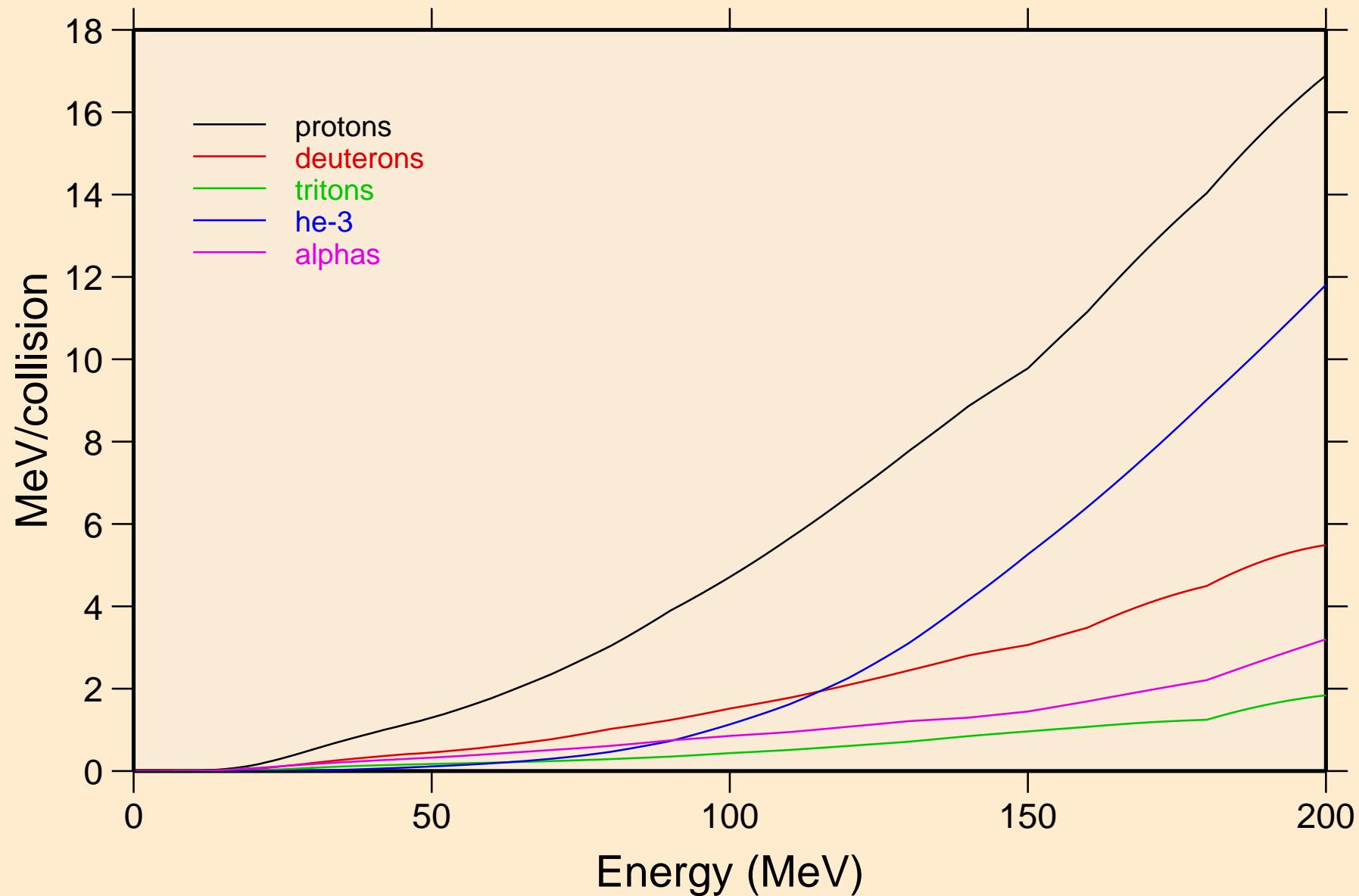


TC099 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



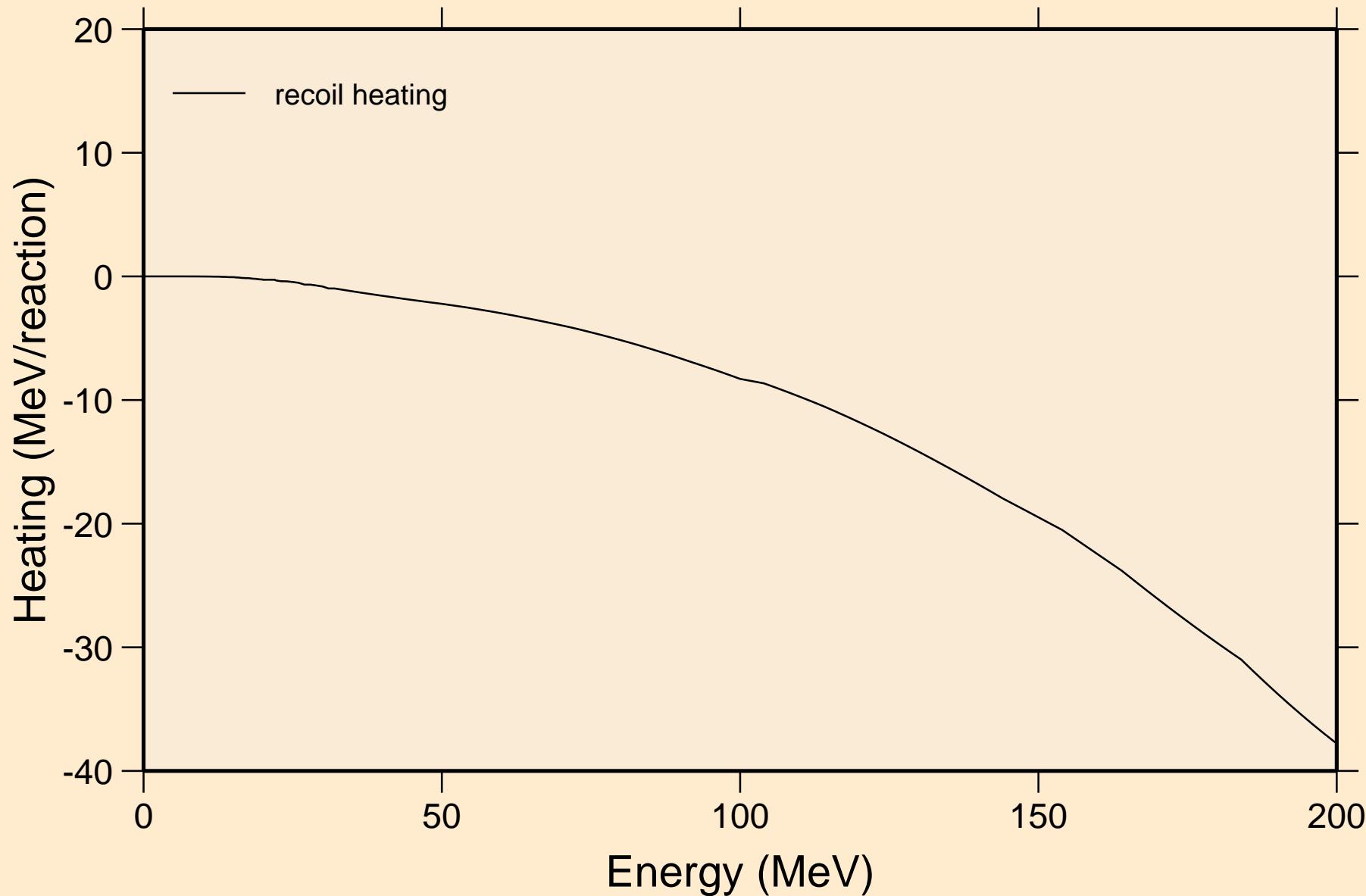
# TC099 NRG TENDL-2015, AKONING

## Particle heating contributions

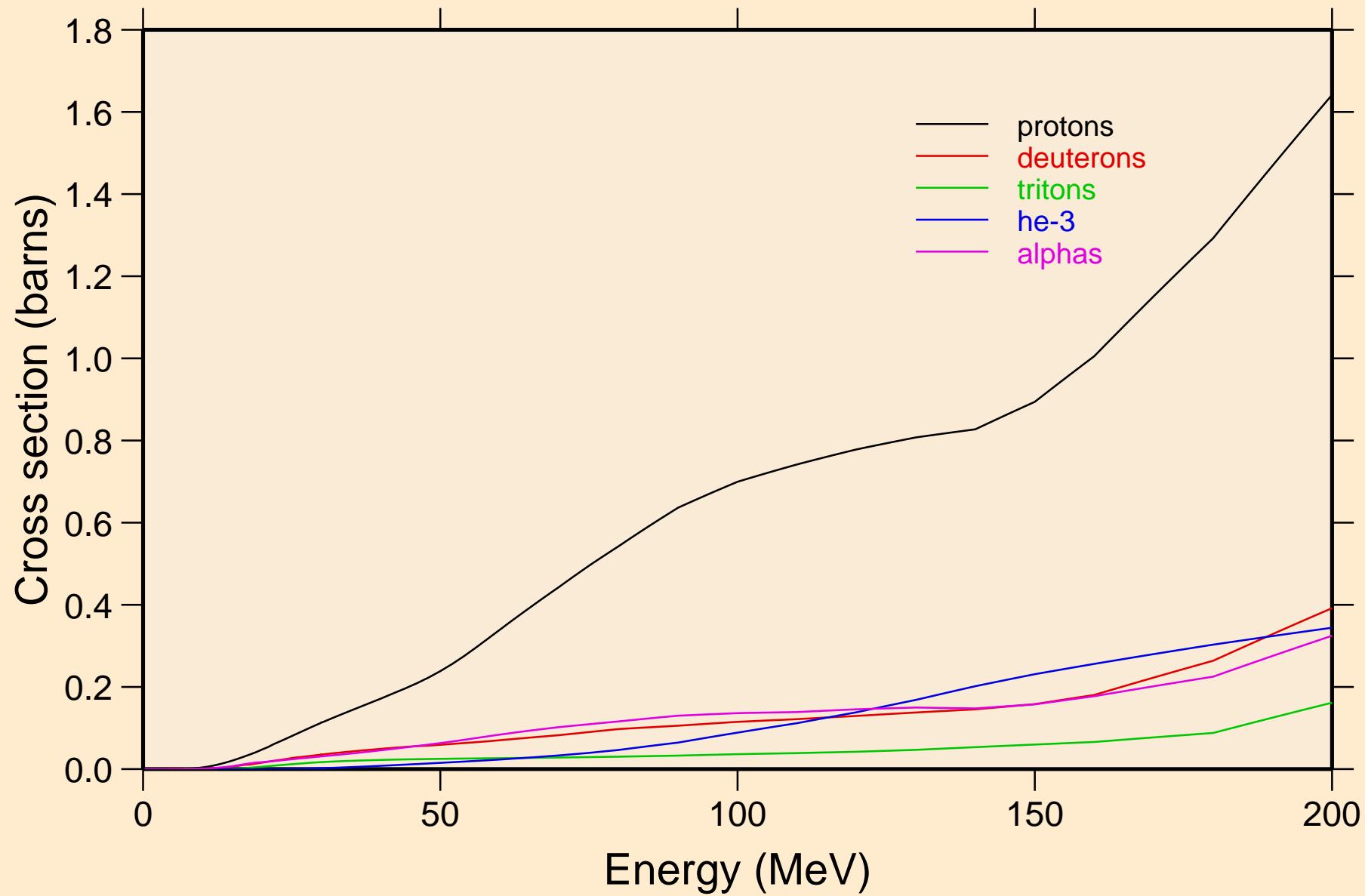


# TC099 NRG TENDL-2015, AKONING

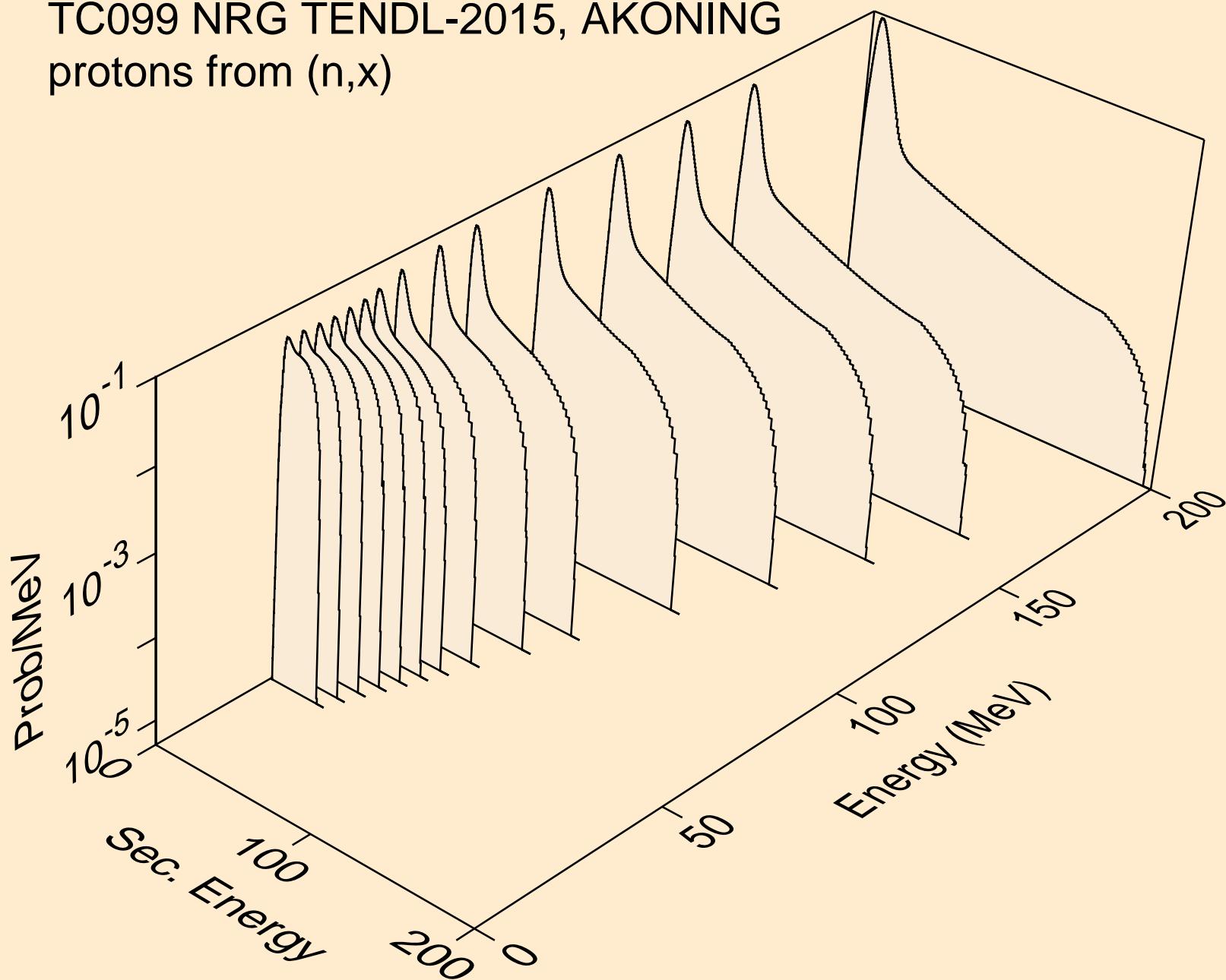
## Recoil Heating



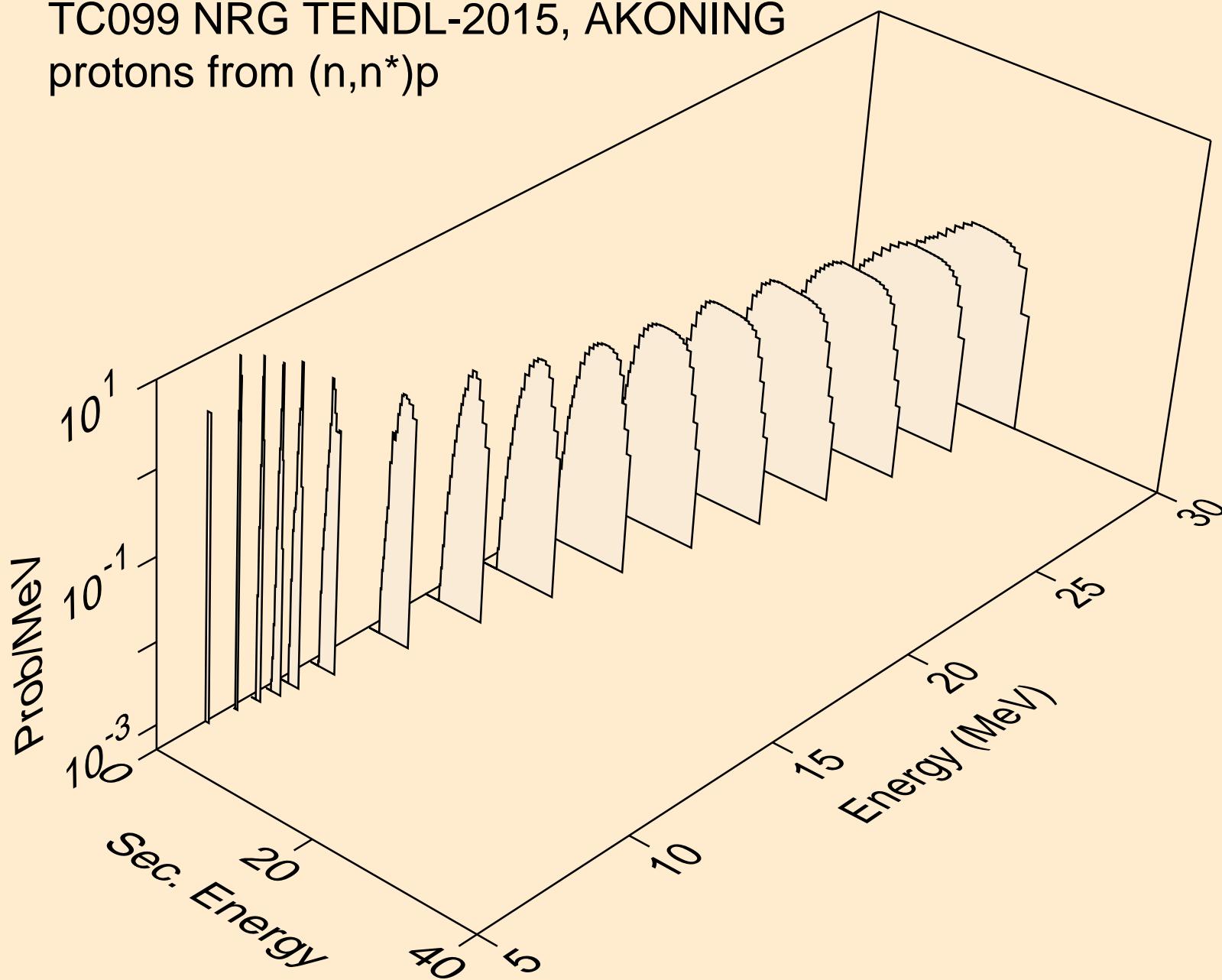
TC099 NRG TENDL-2015, AKONING  
Particle production cross sections



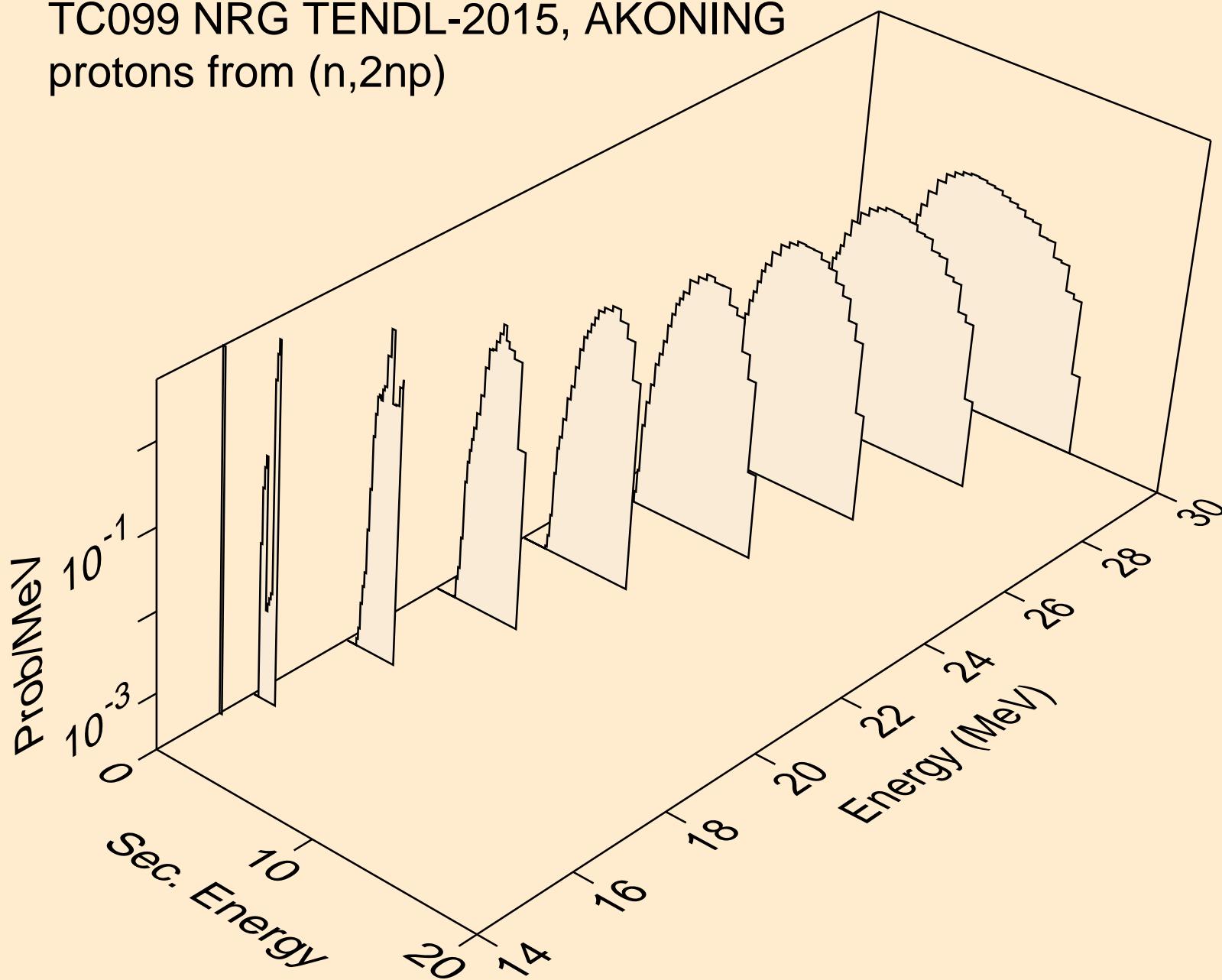
TC099 NRG TENDL-2015, AKONING  
protons from ( $n, x$ )



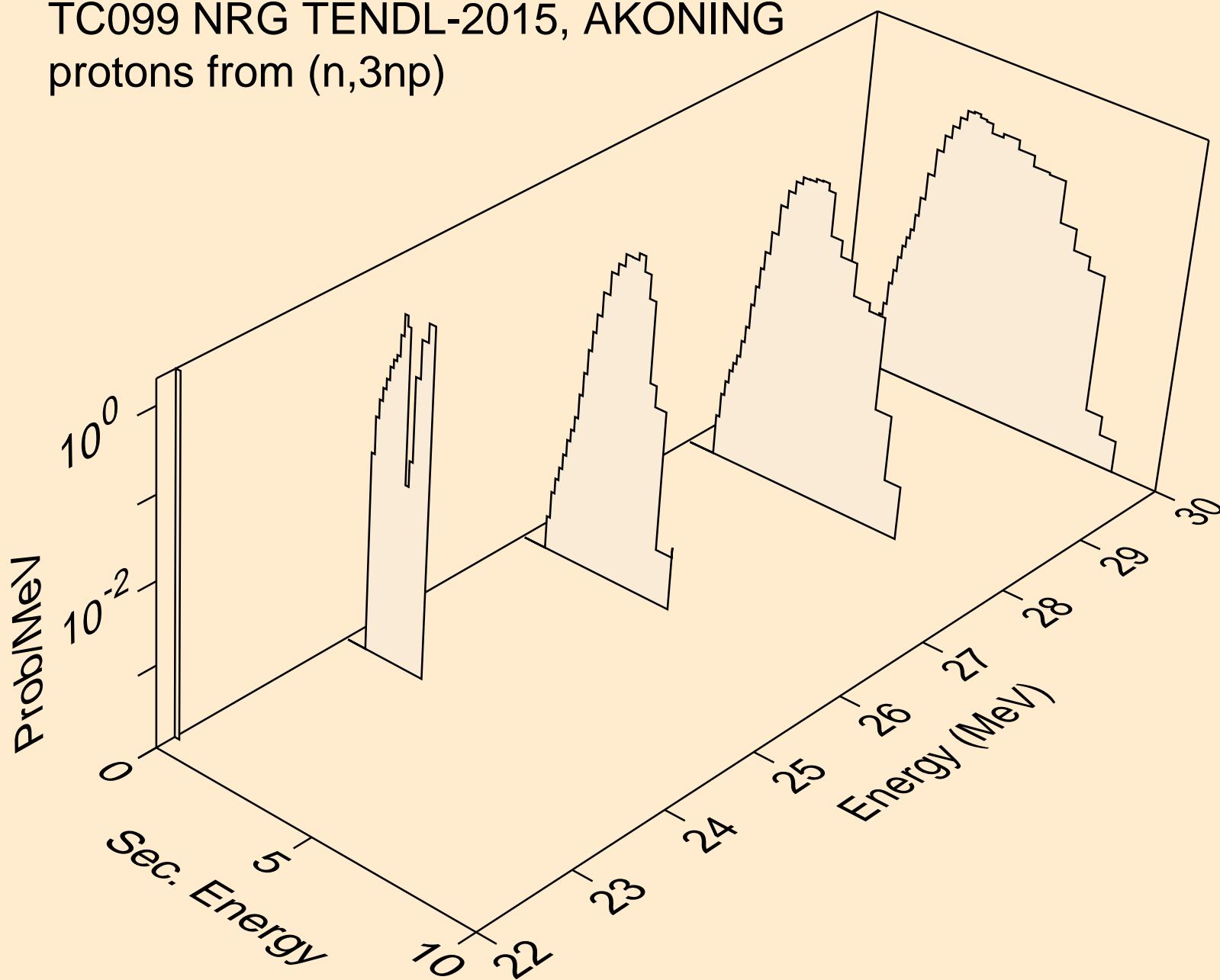
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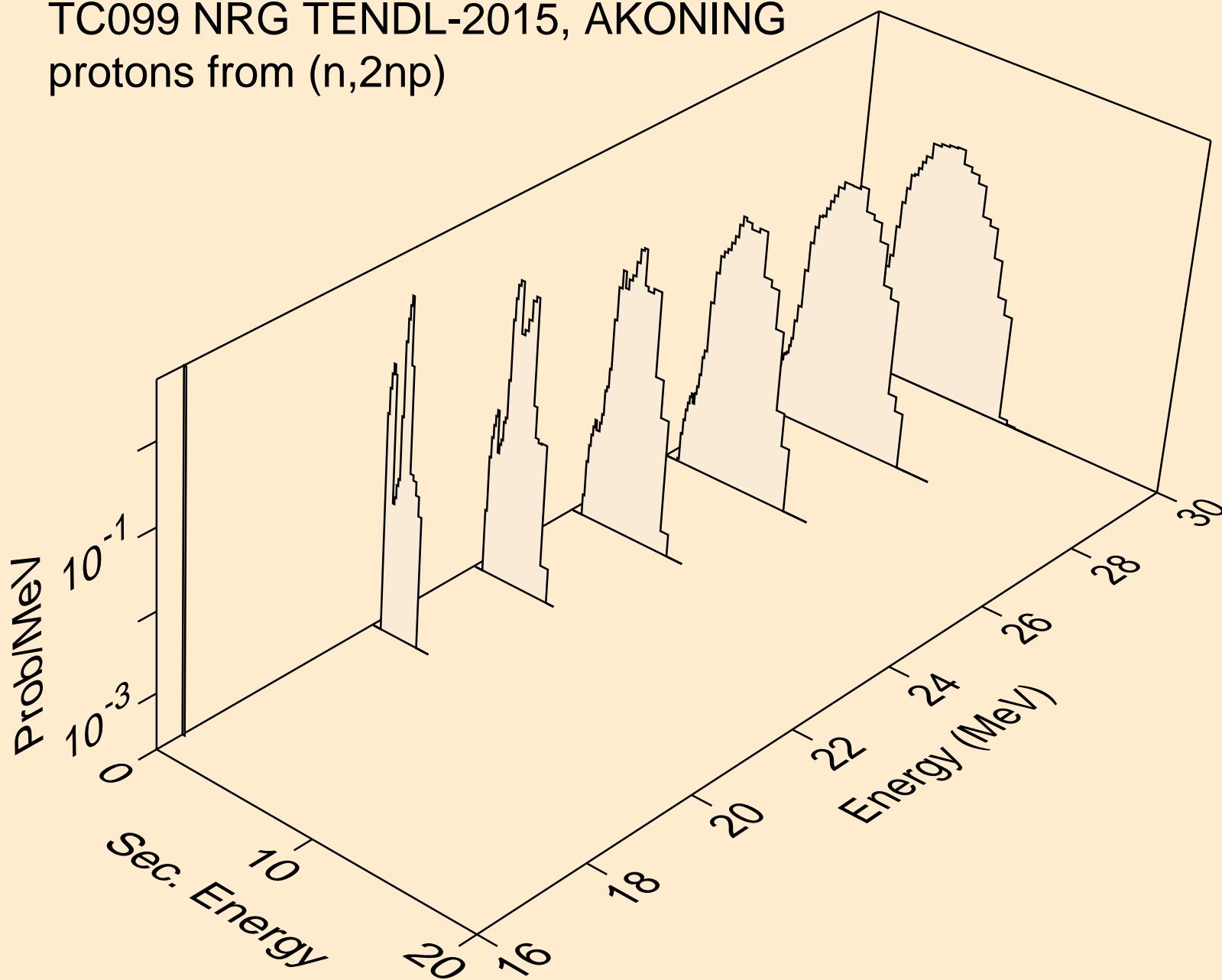
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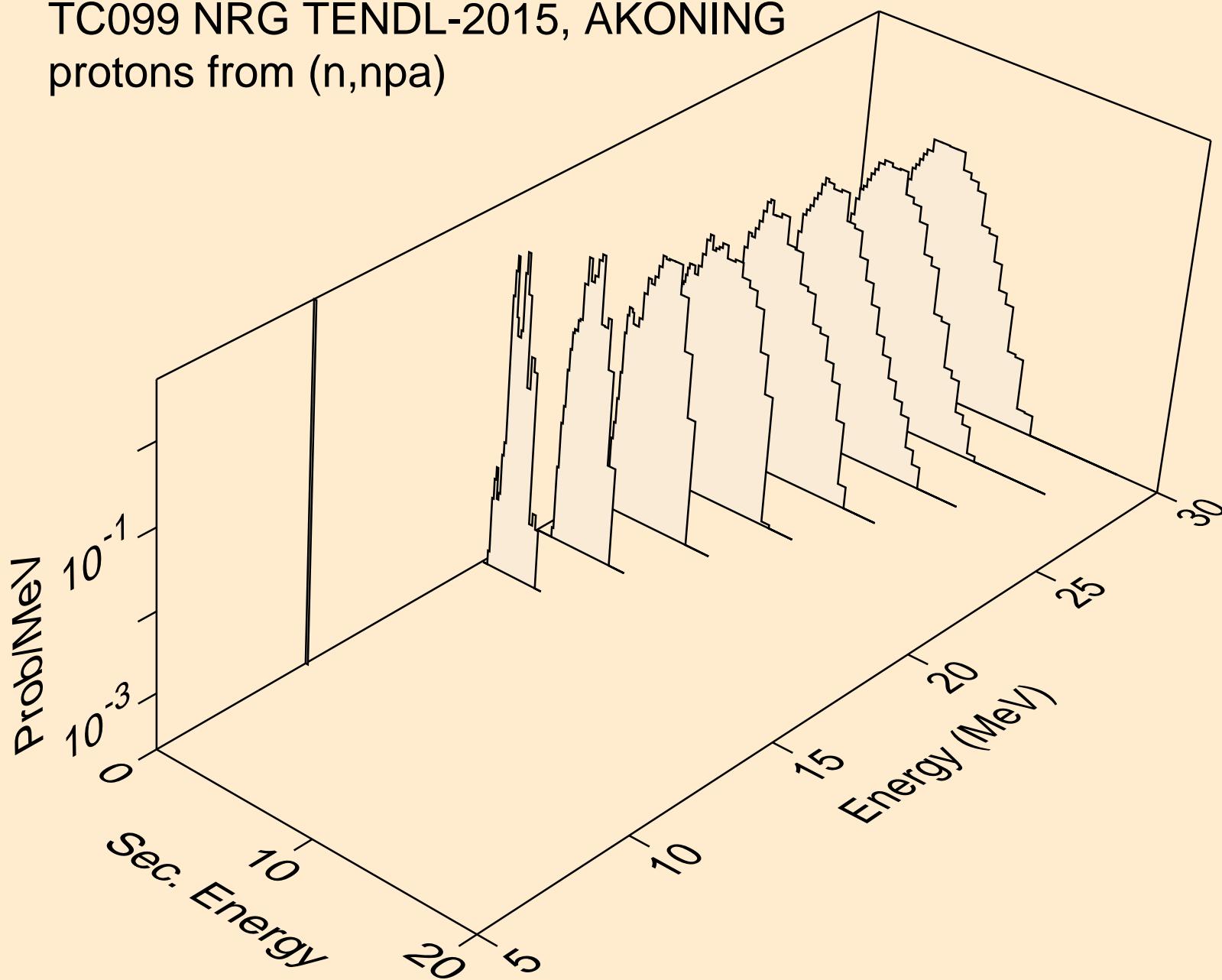
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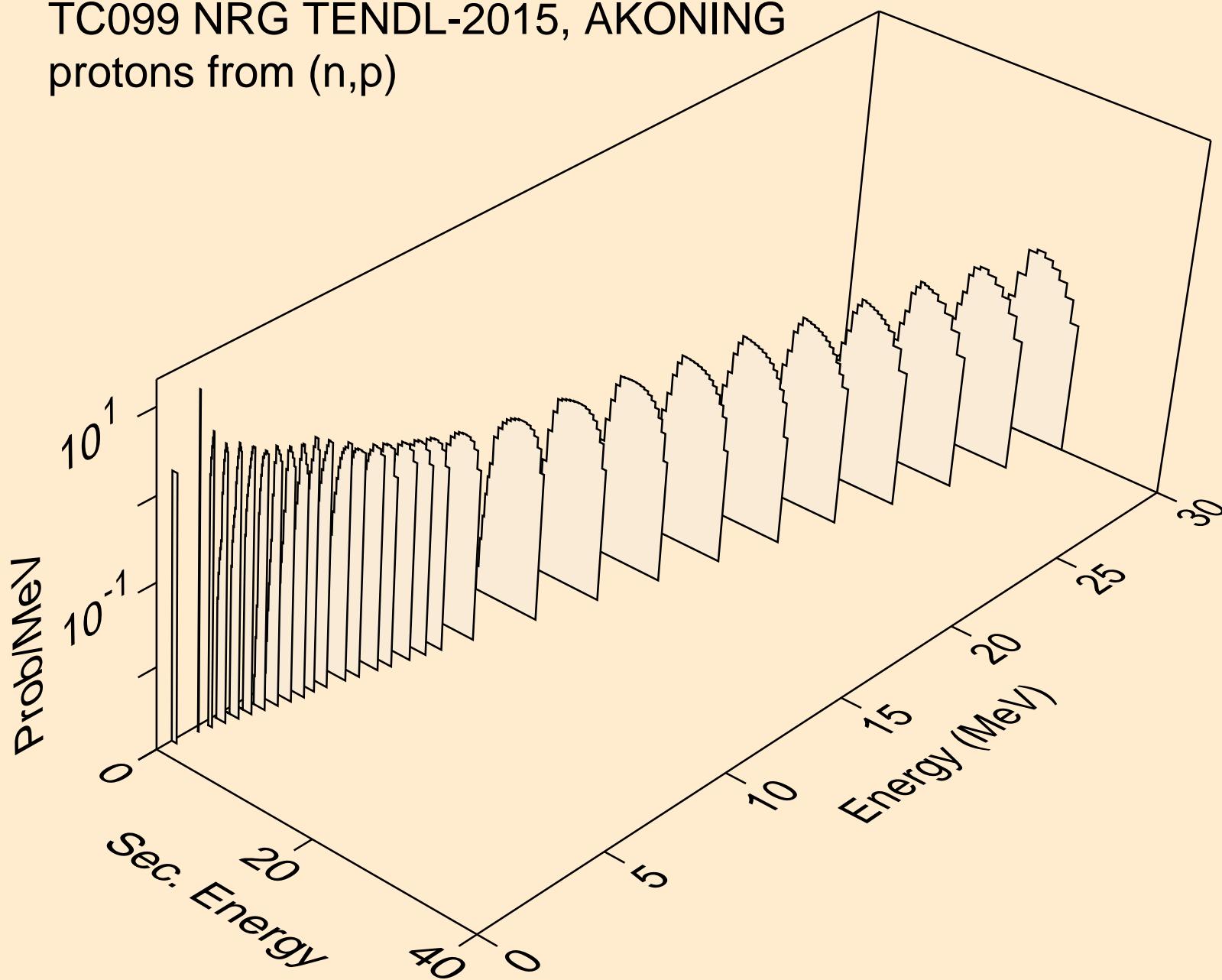
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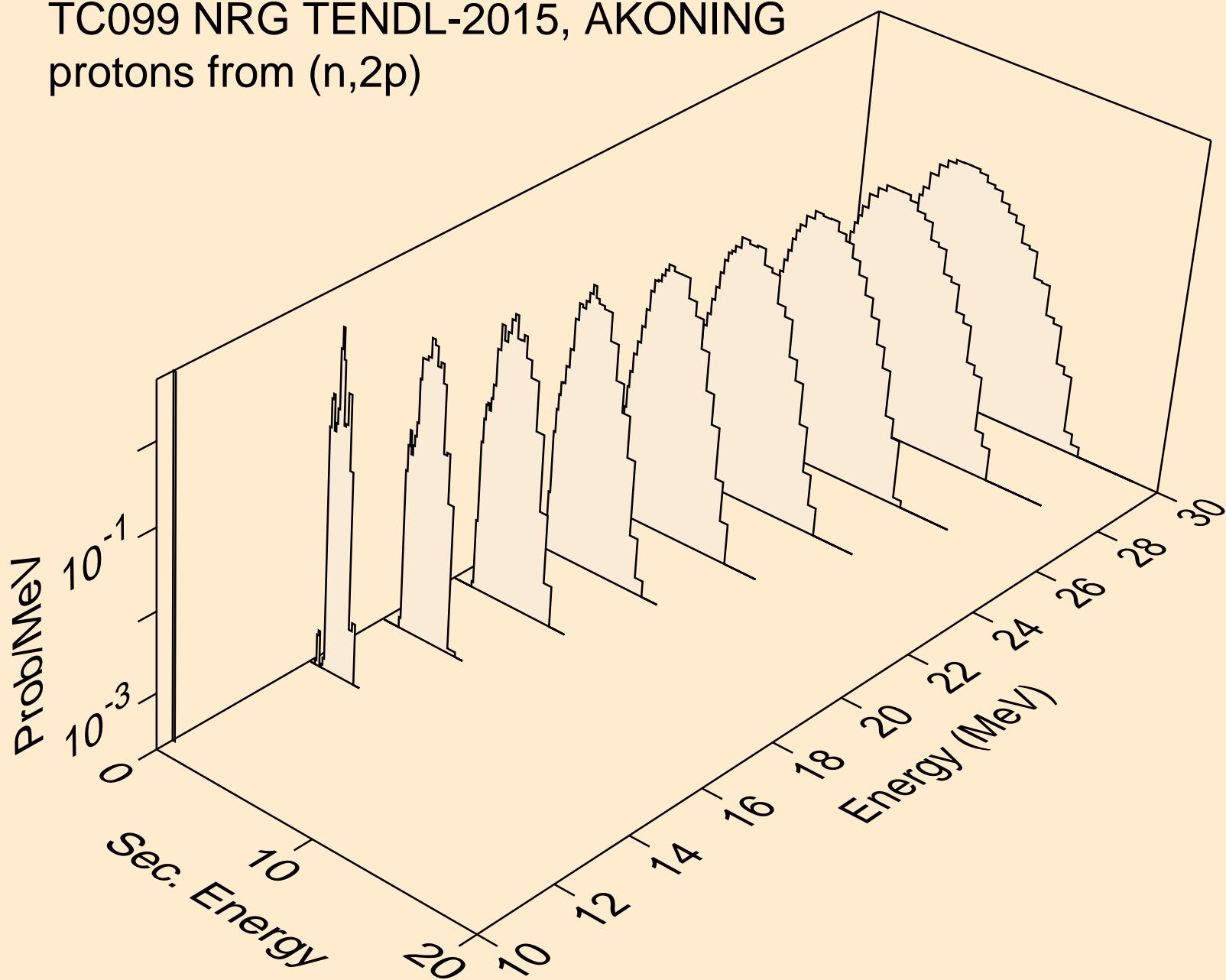
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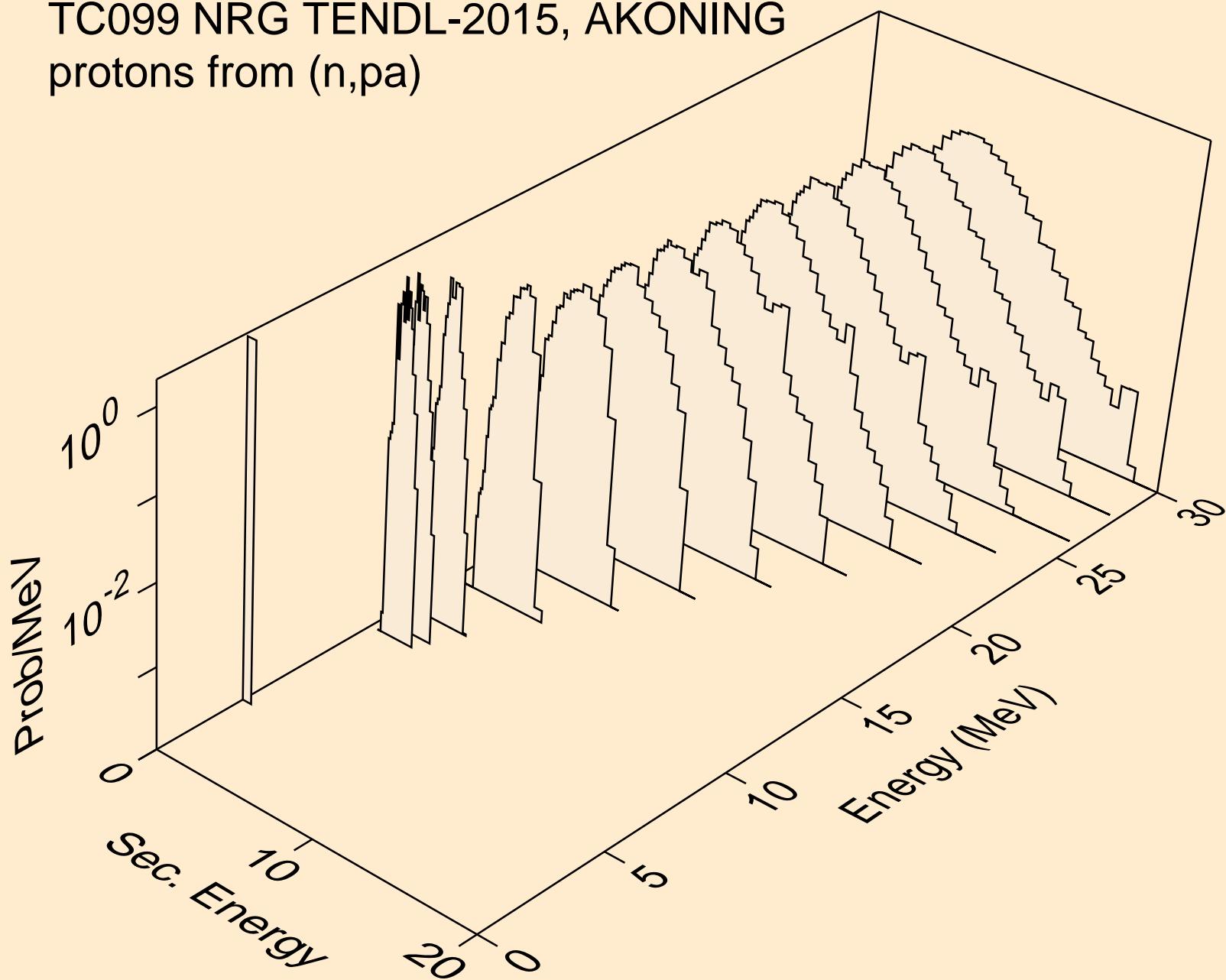
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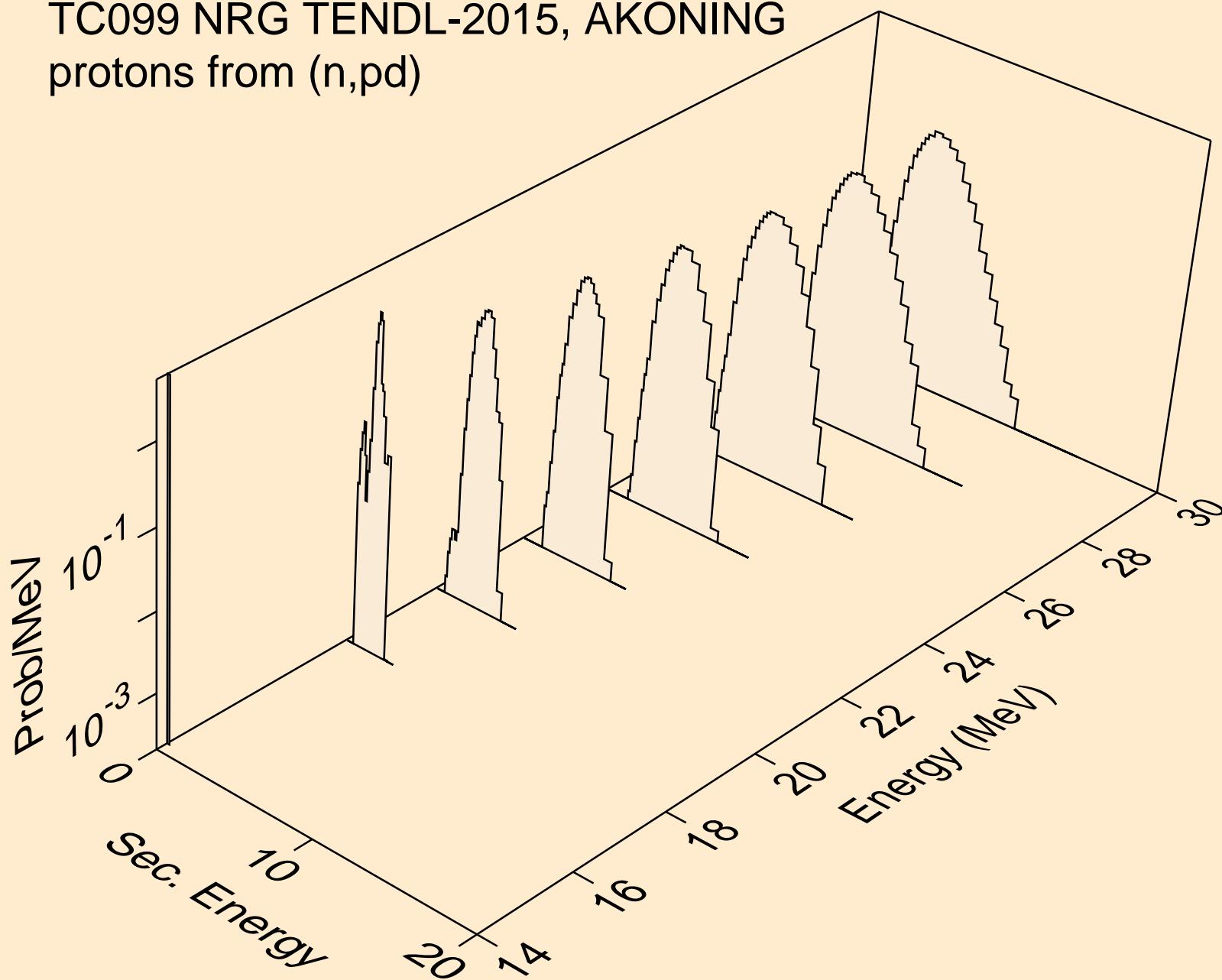
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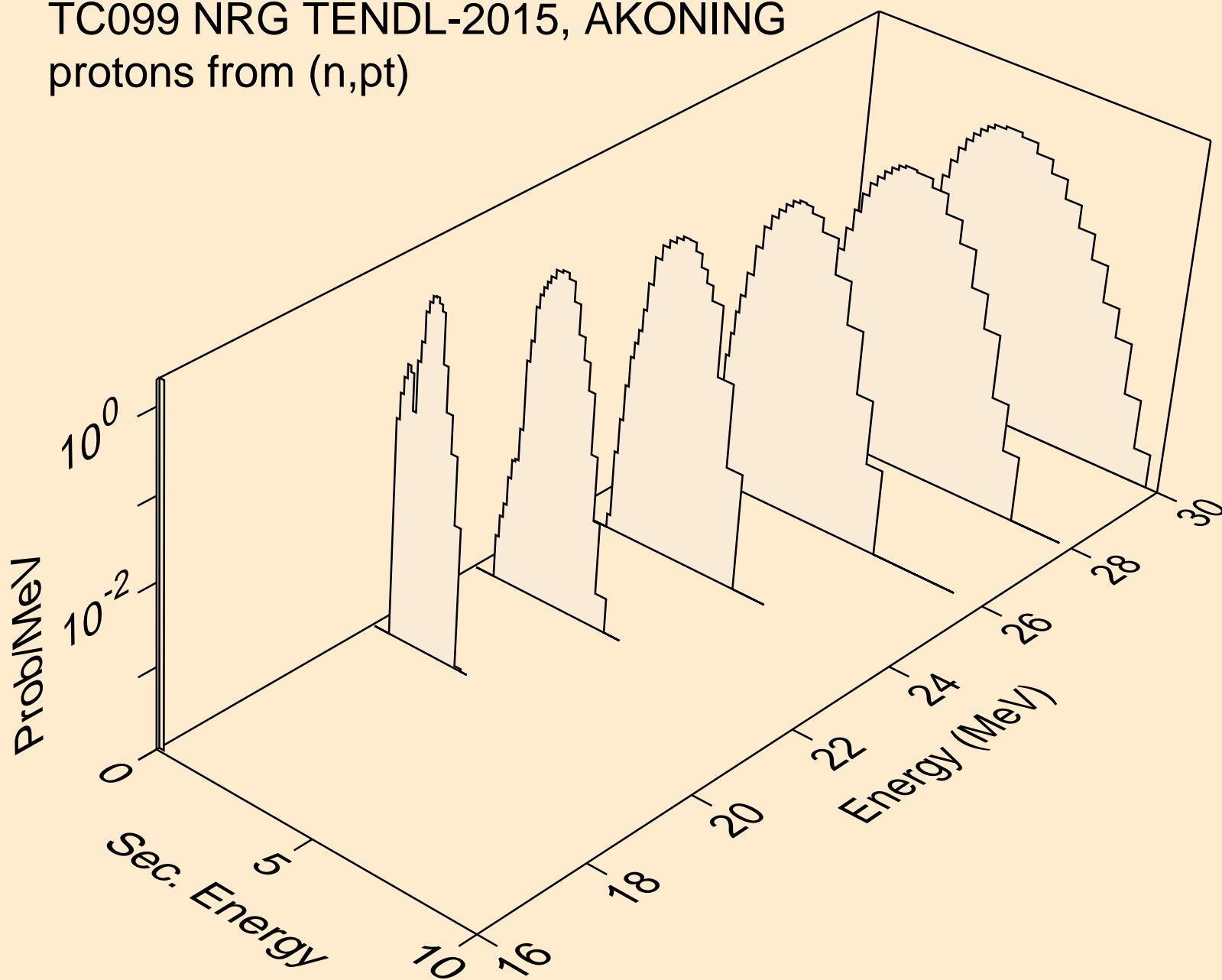
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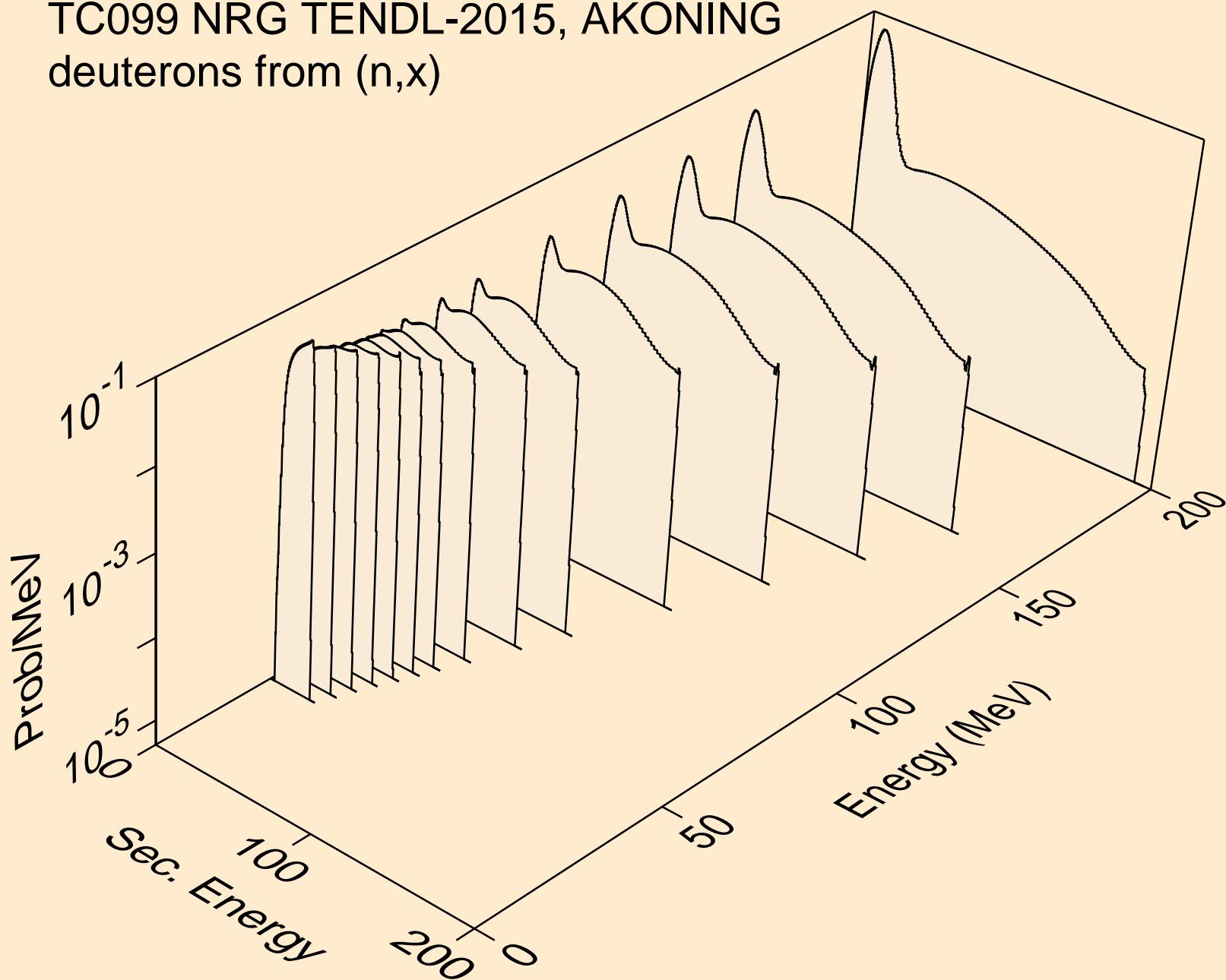
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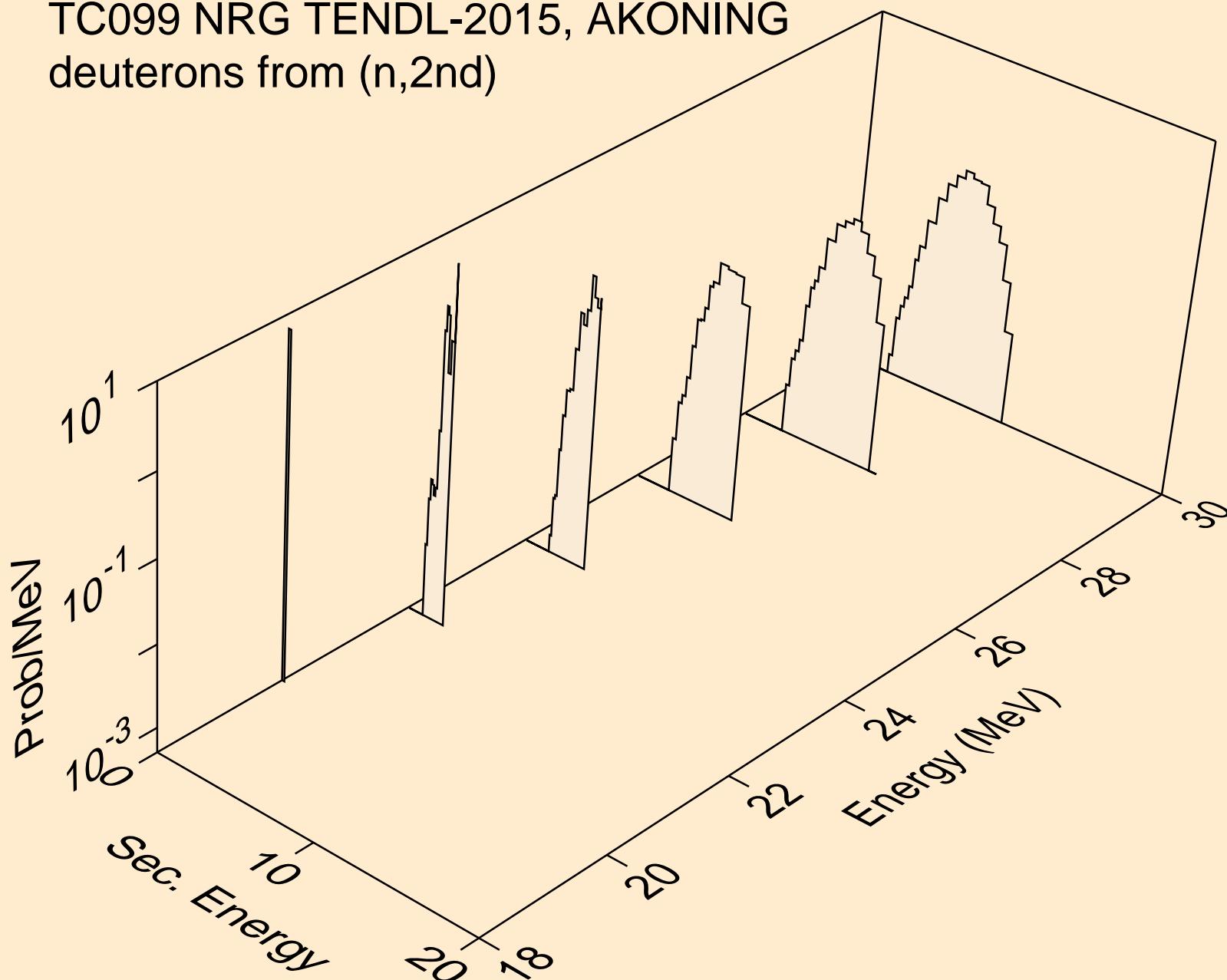
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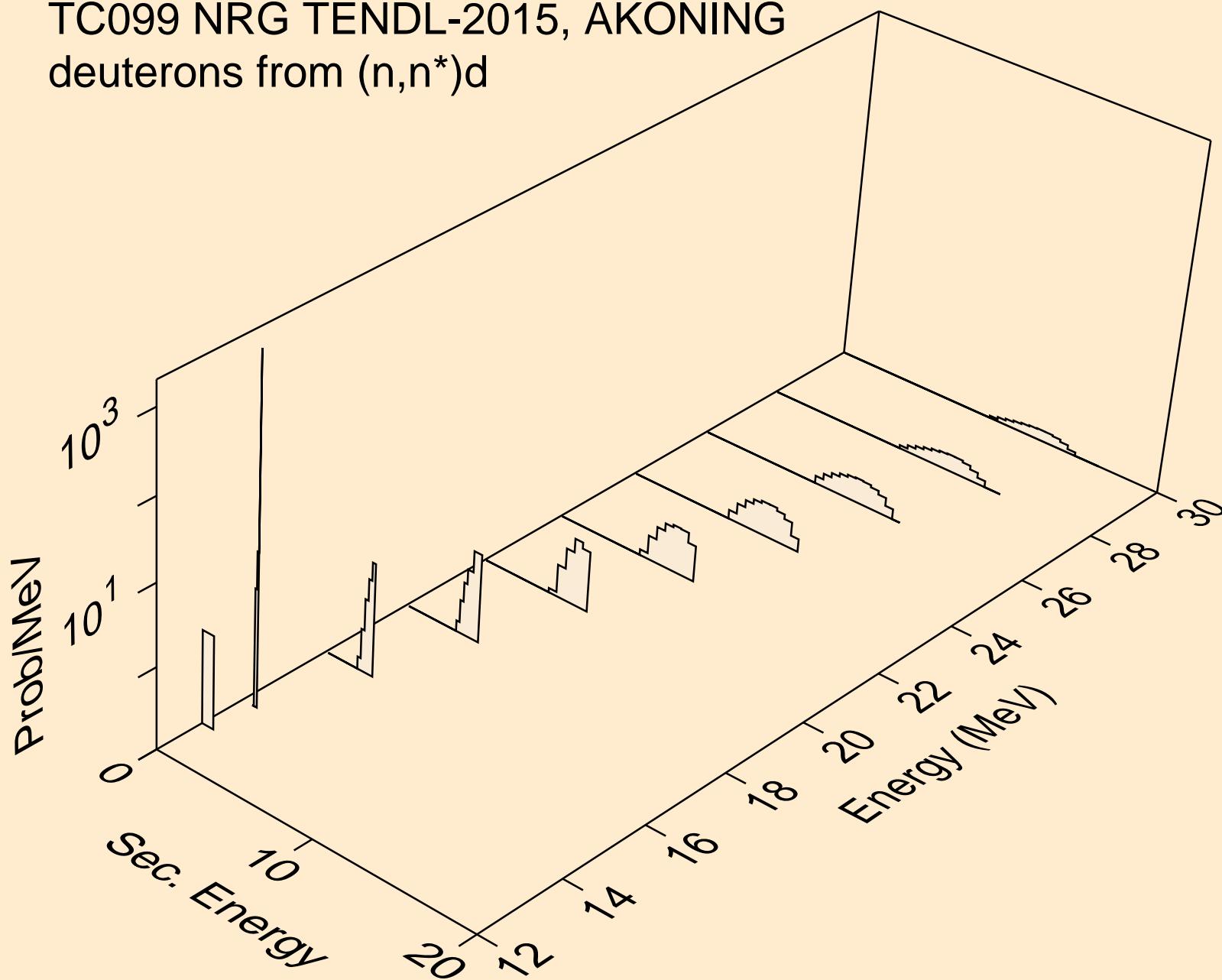
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deuterons from ( $n,x$ )



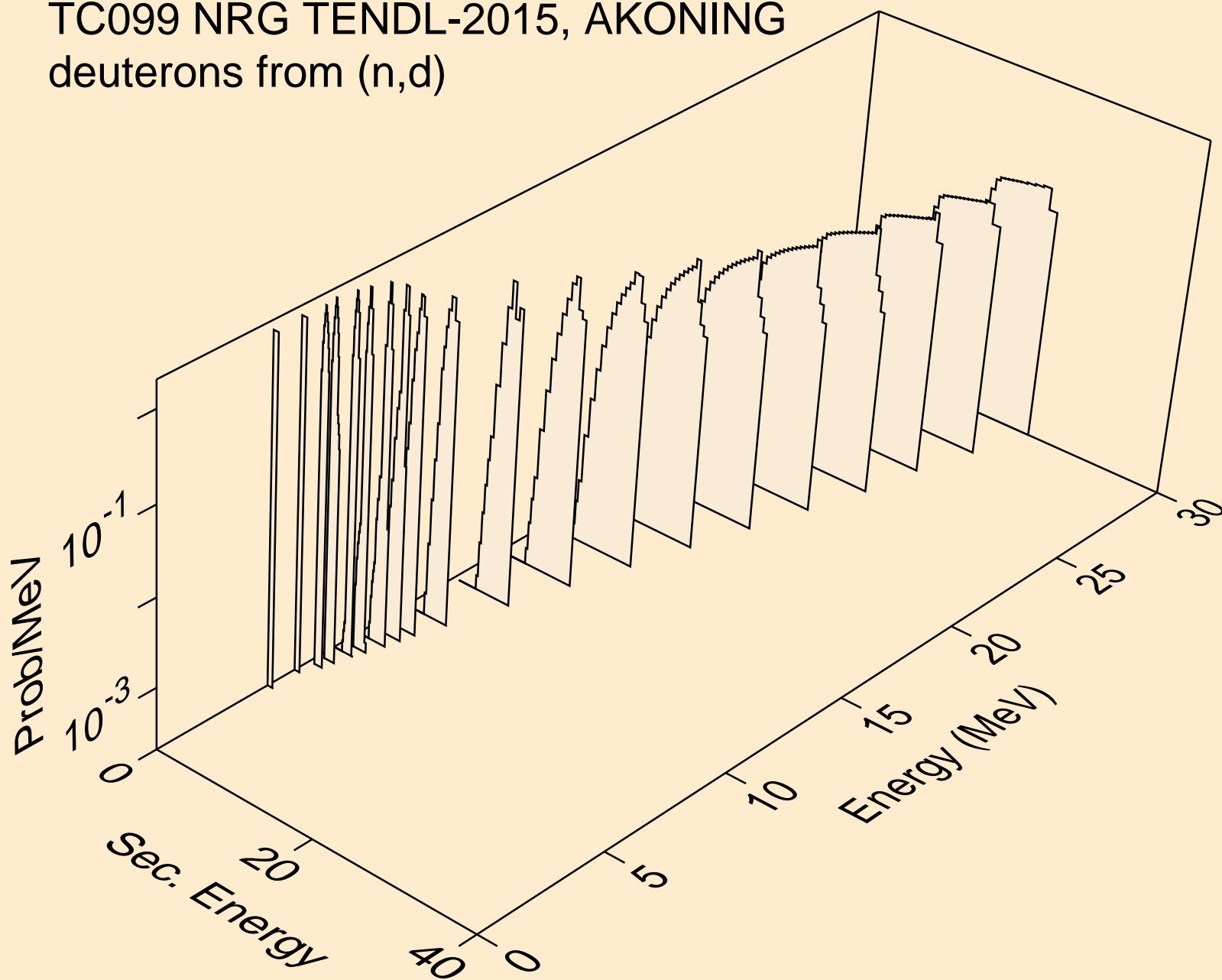
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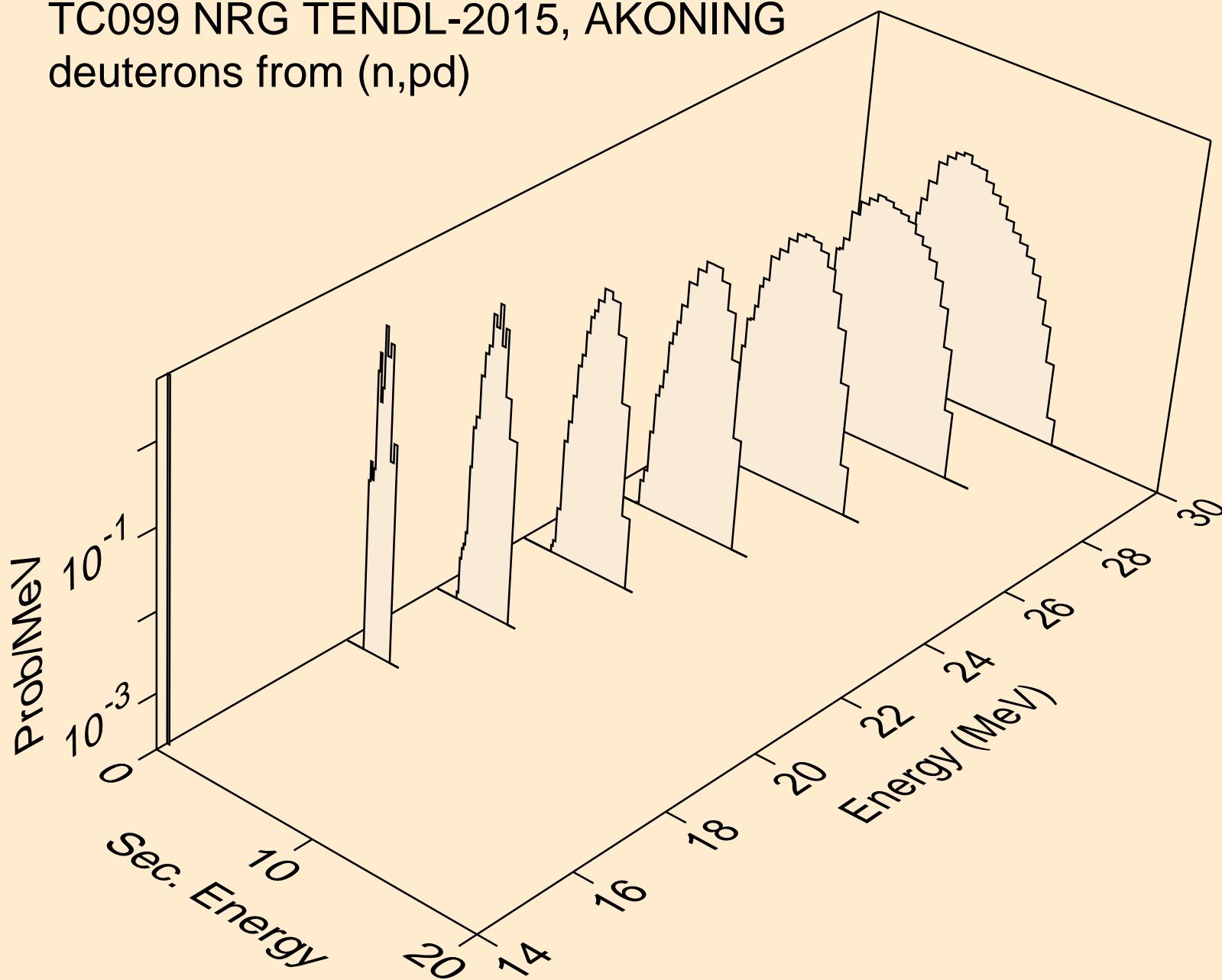
TC099 NRG TENDL-2015, AKONING  
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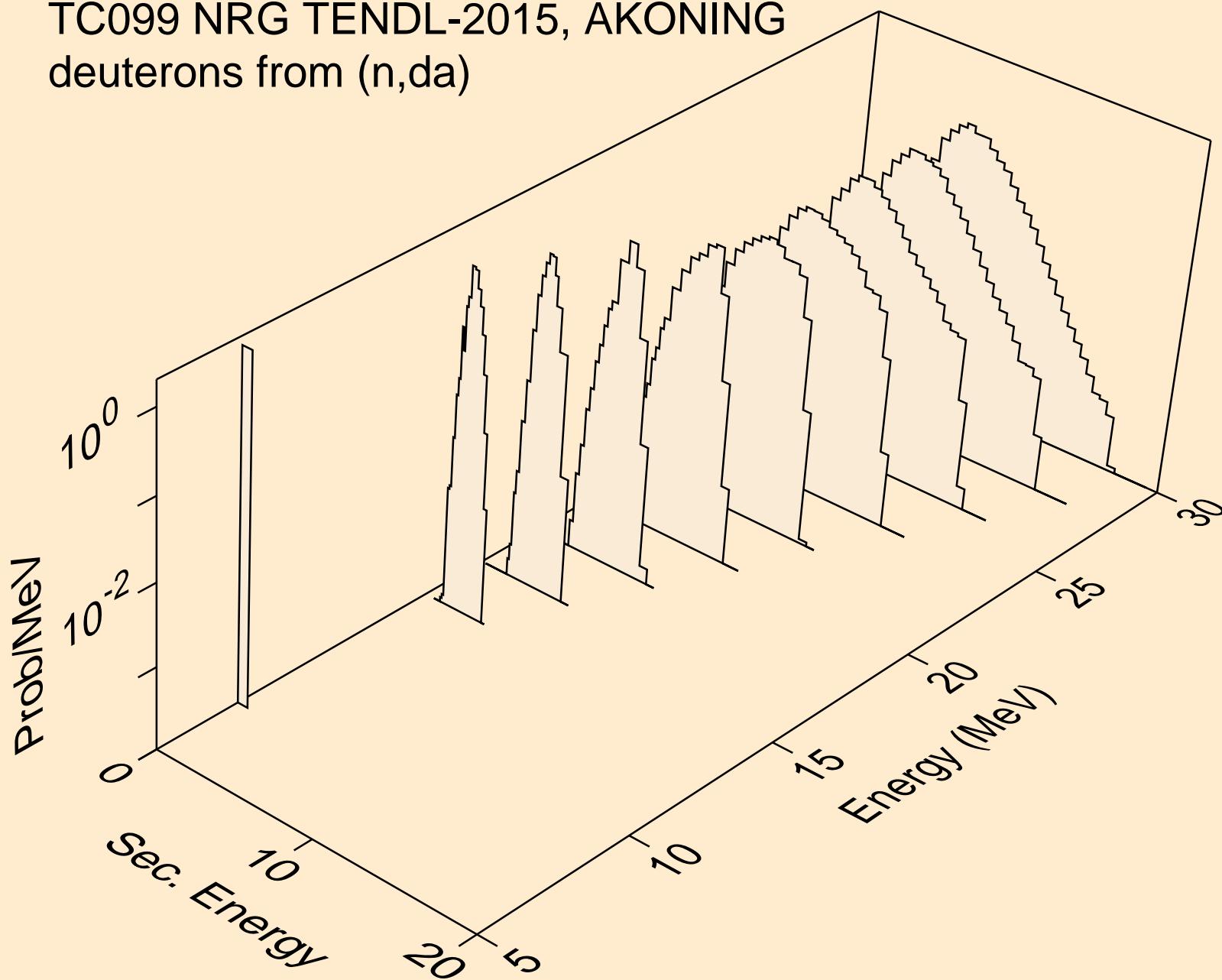
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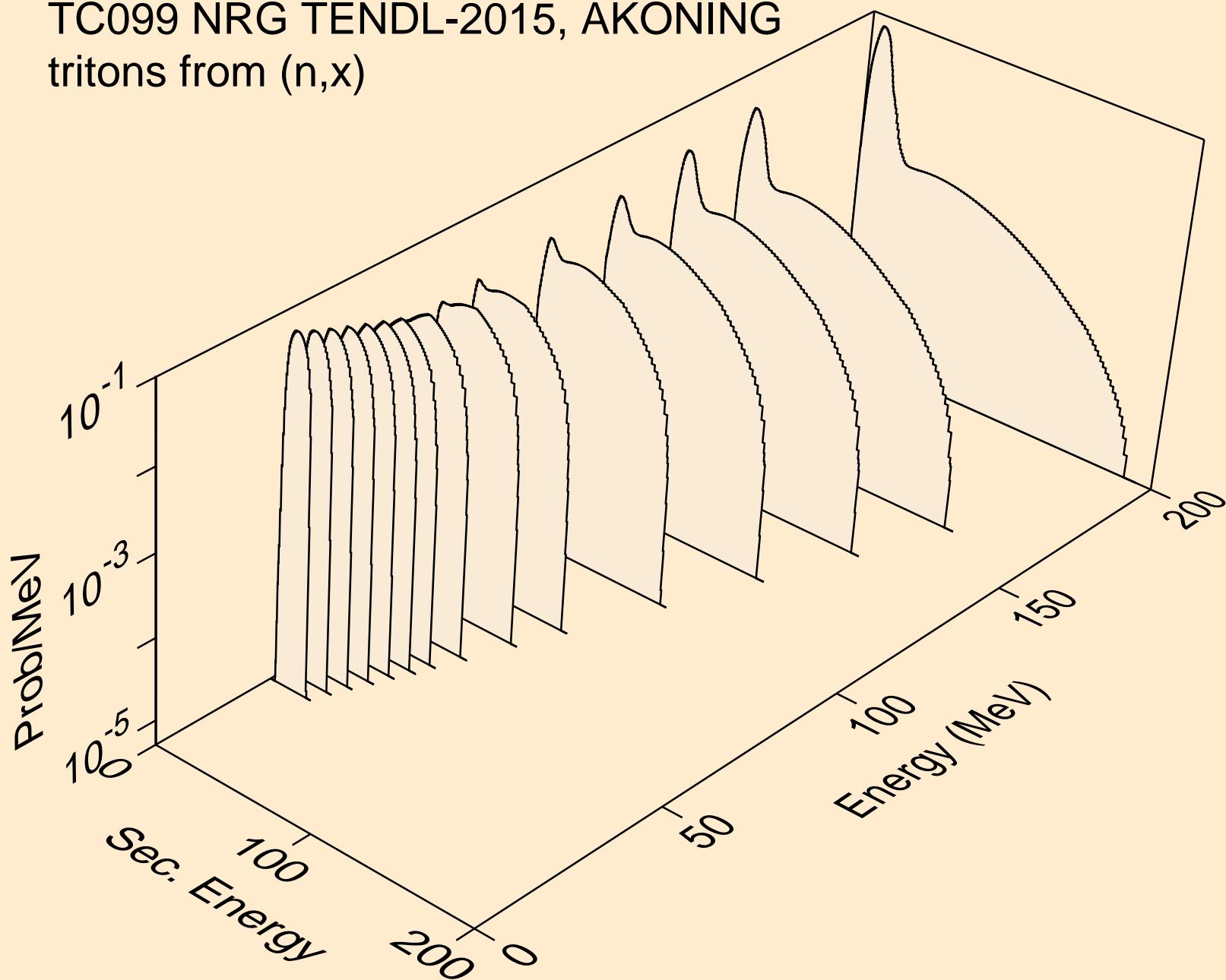
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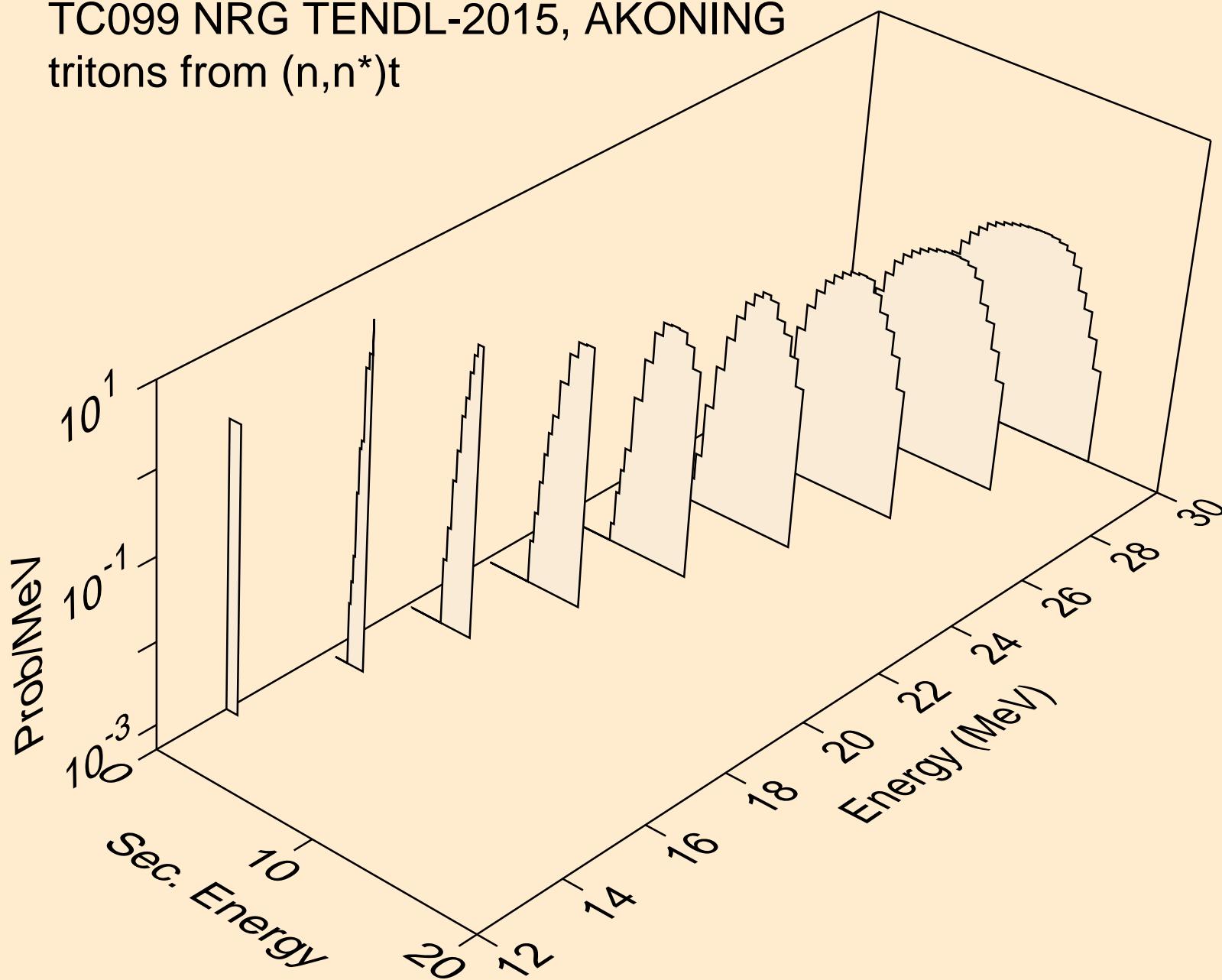
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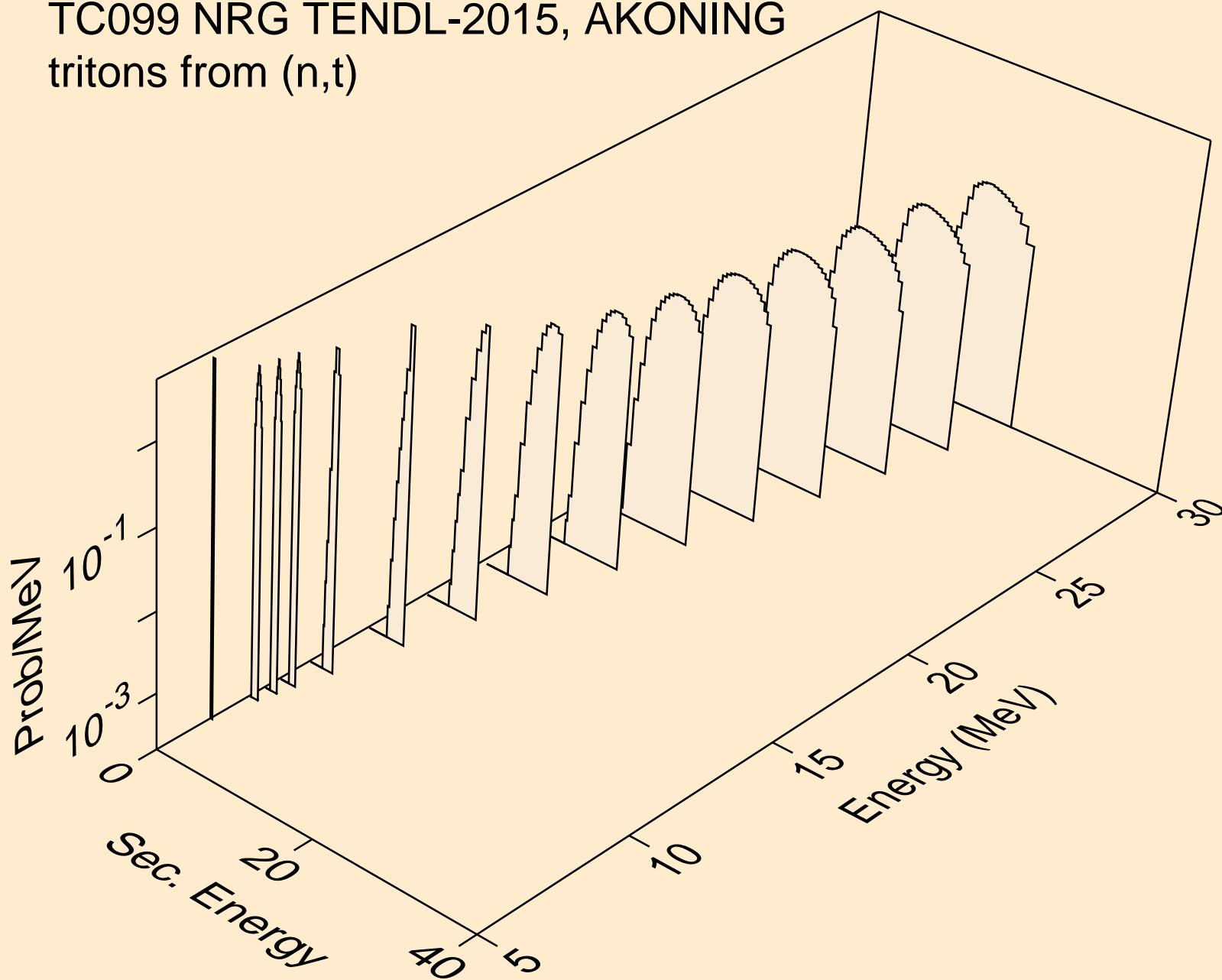
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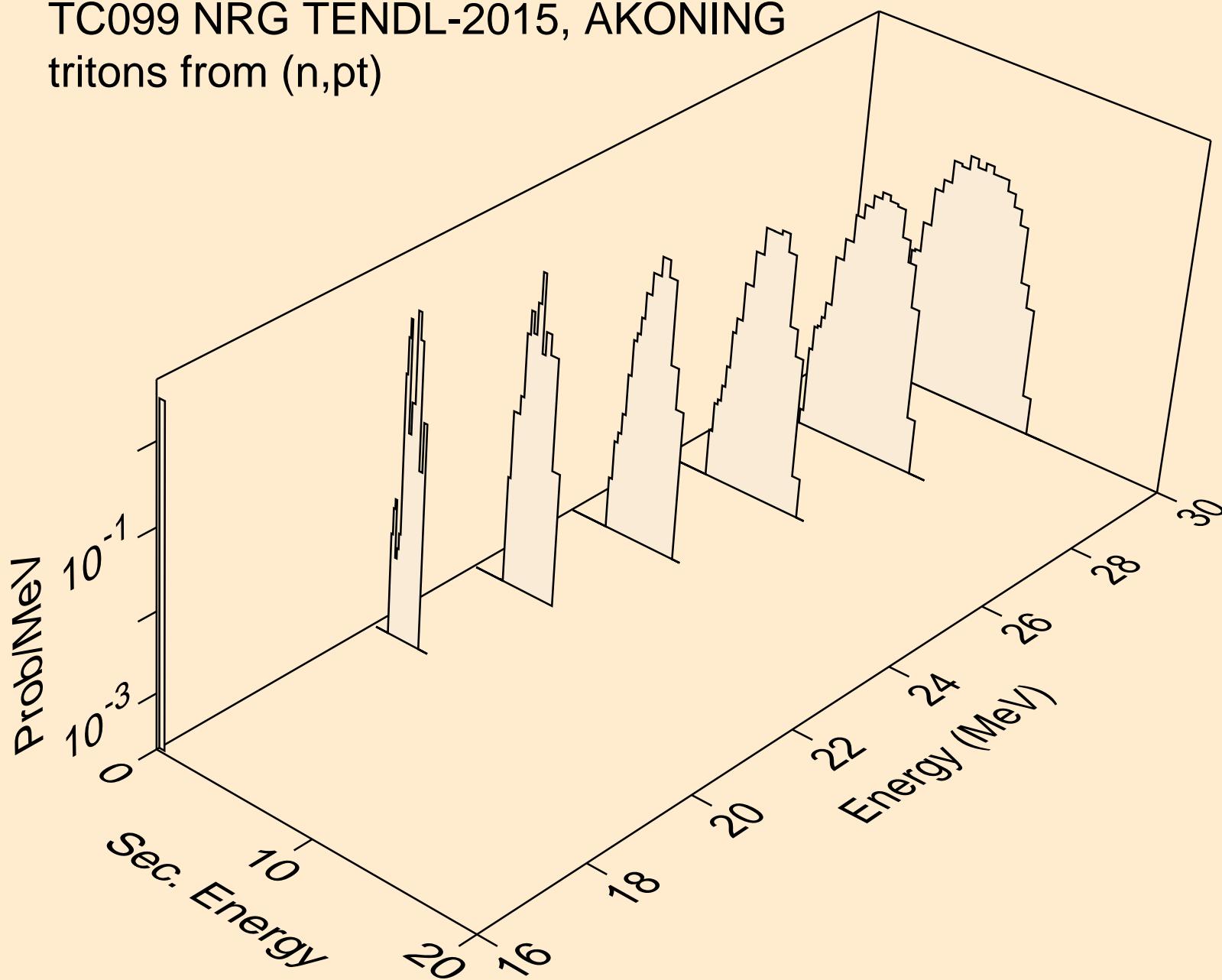
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tritons from  $(n,n^*)t$



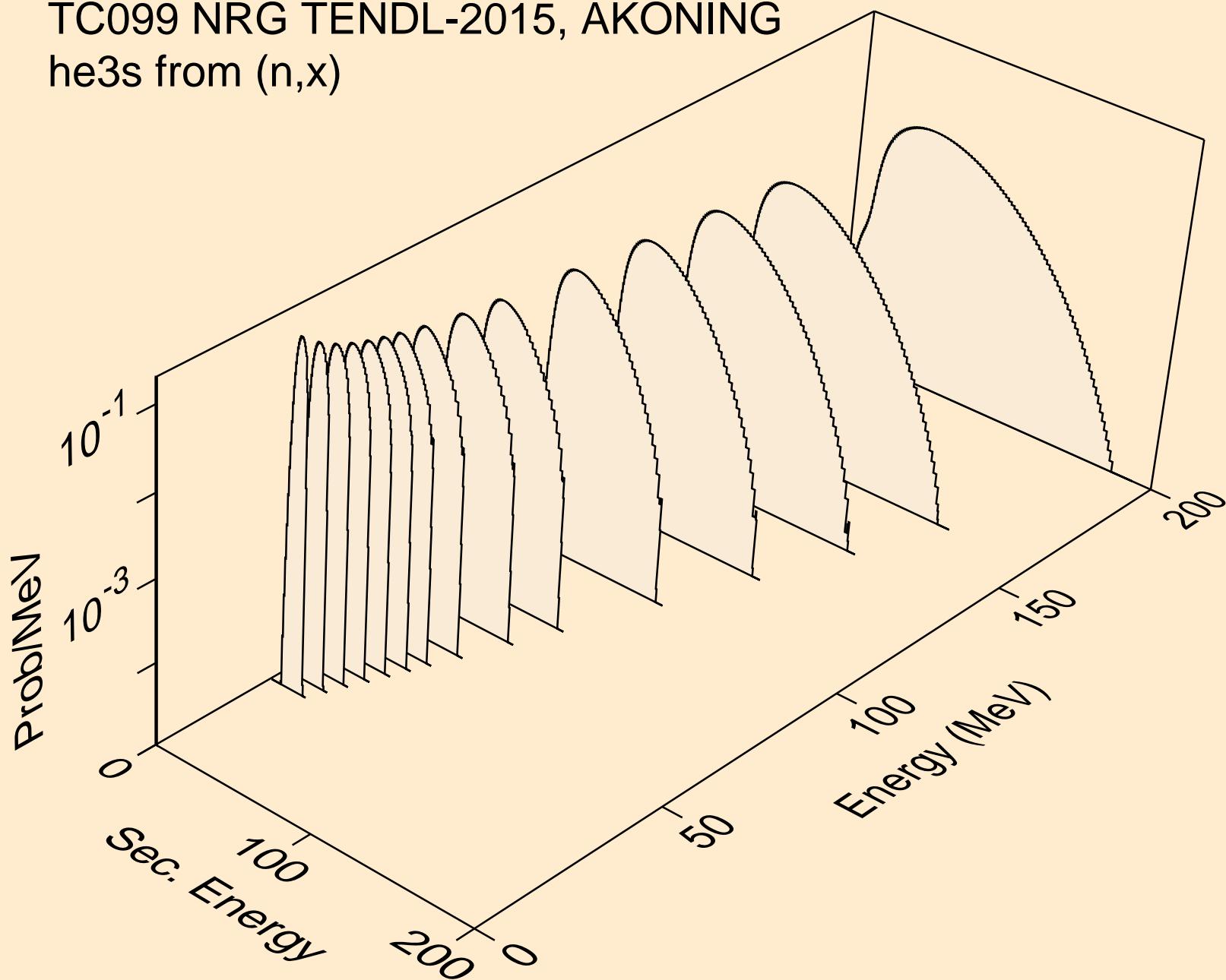
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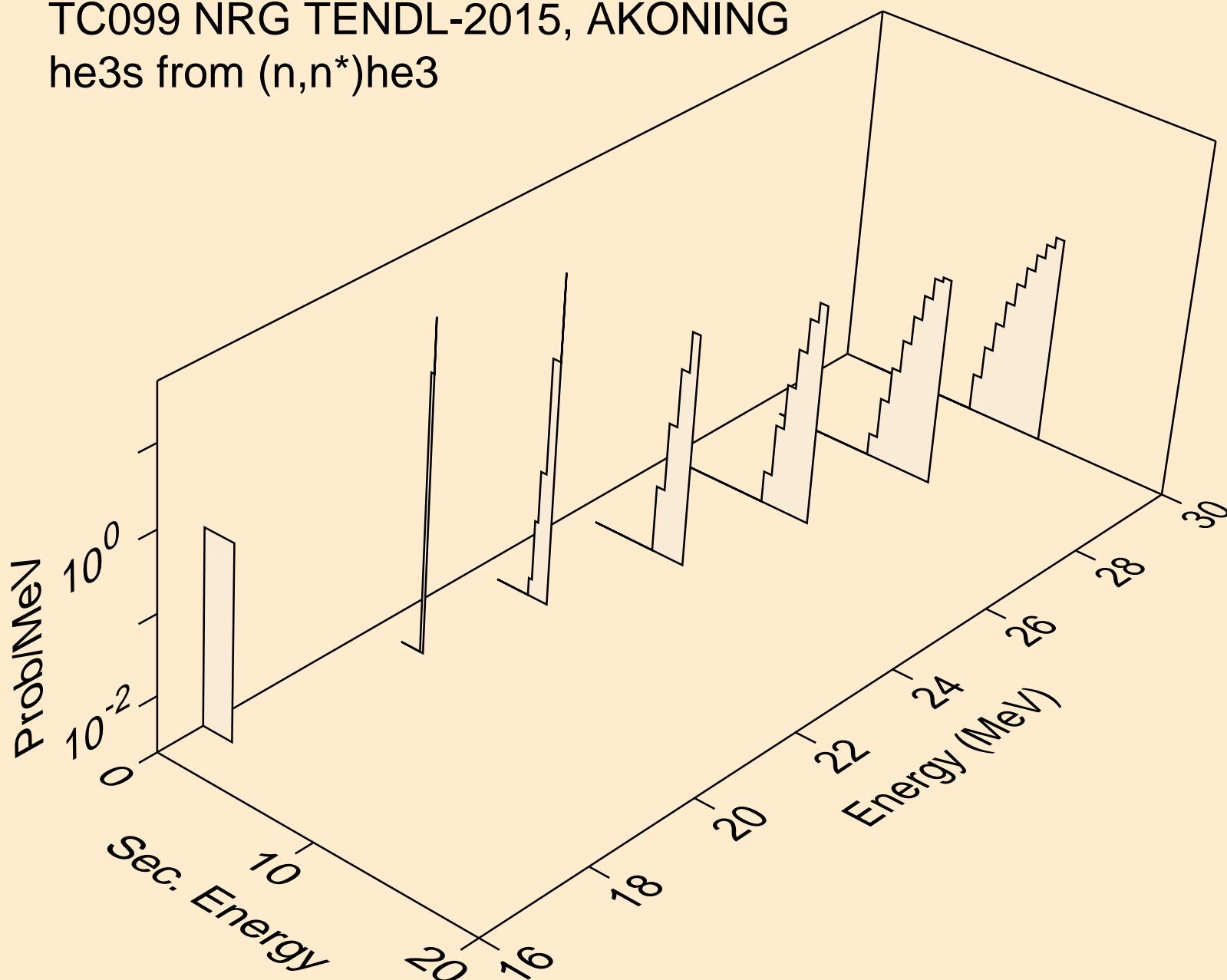
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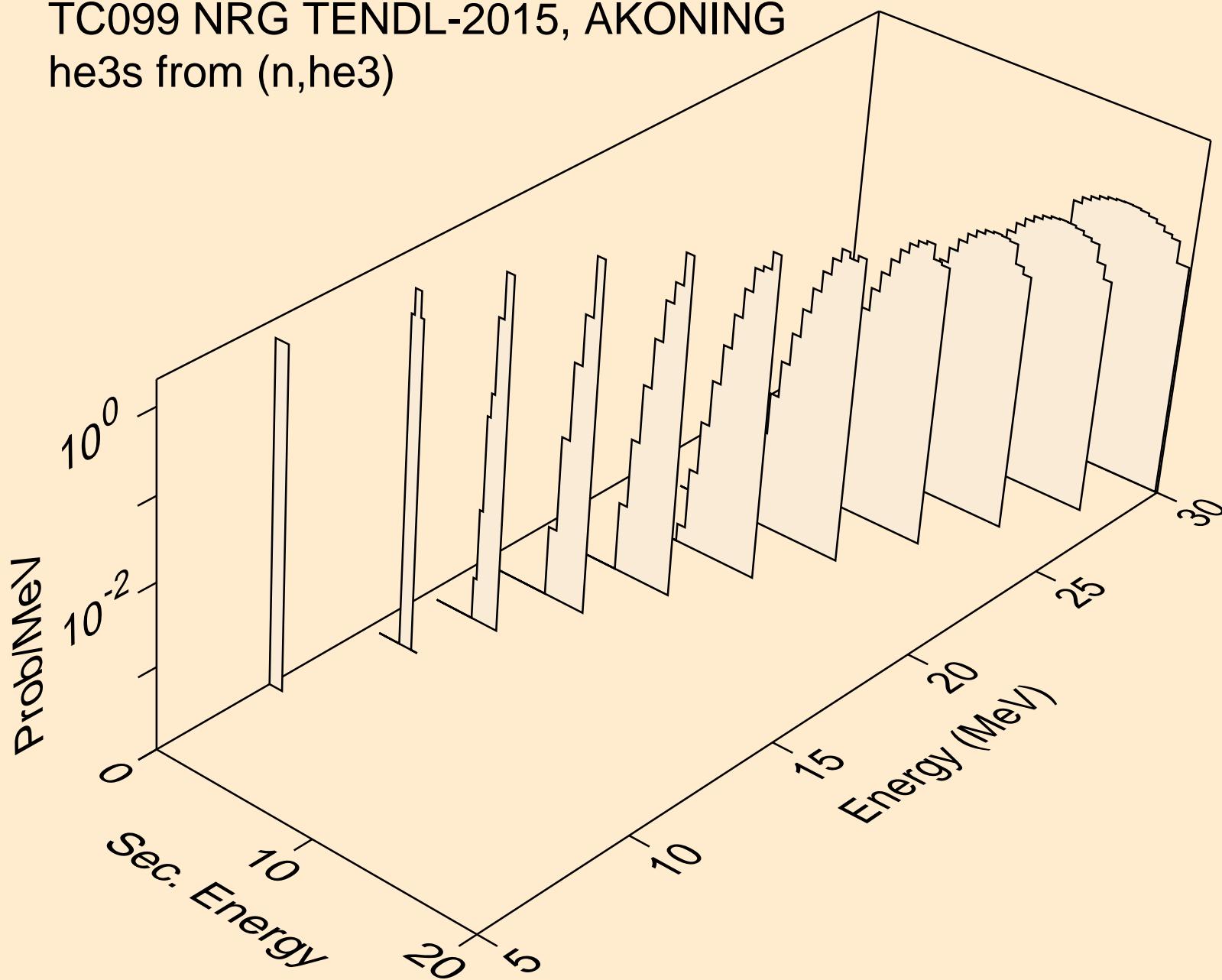
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he3s from (n,x)



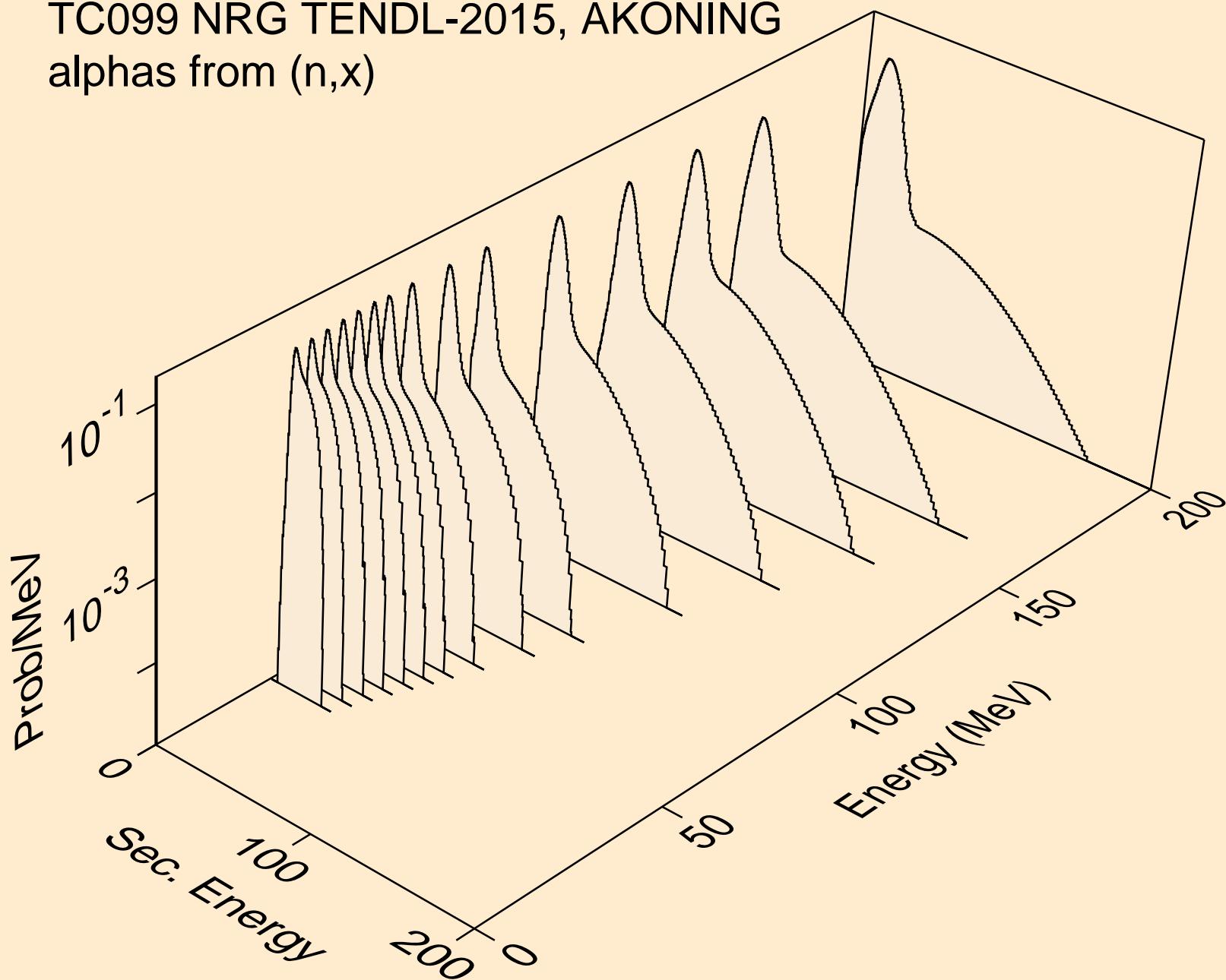
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he3s from  $(n,n^*)\text{he3}$



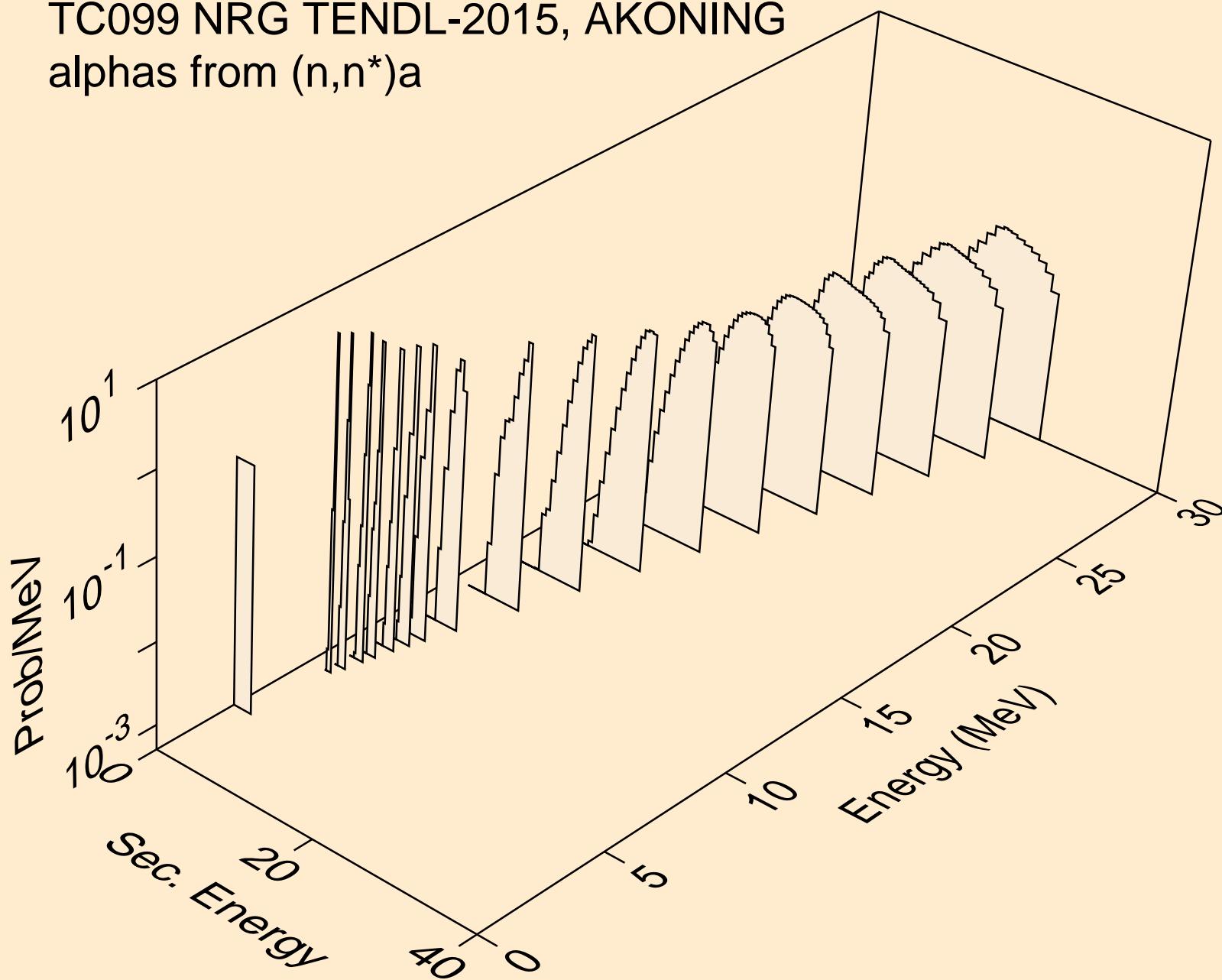
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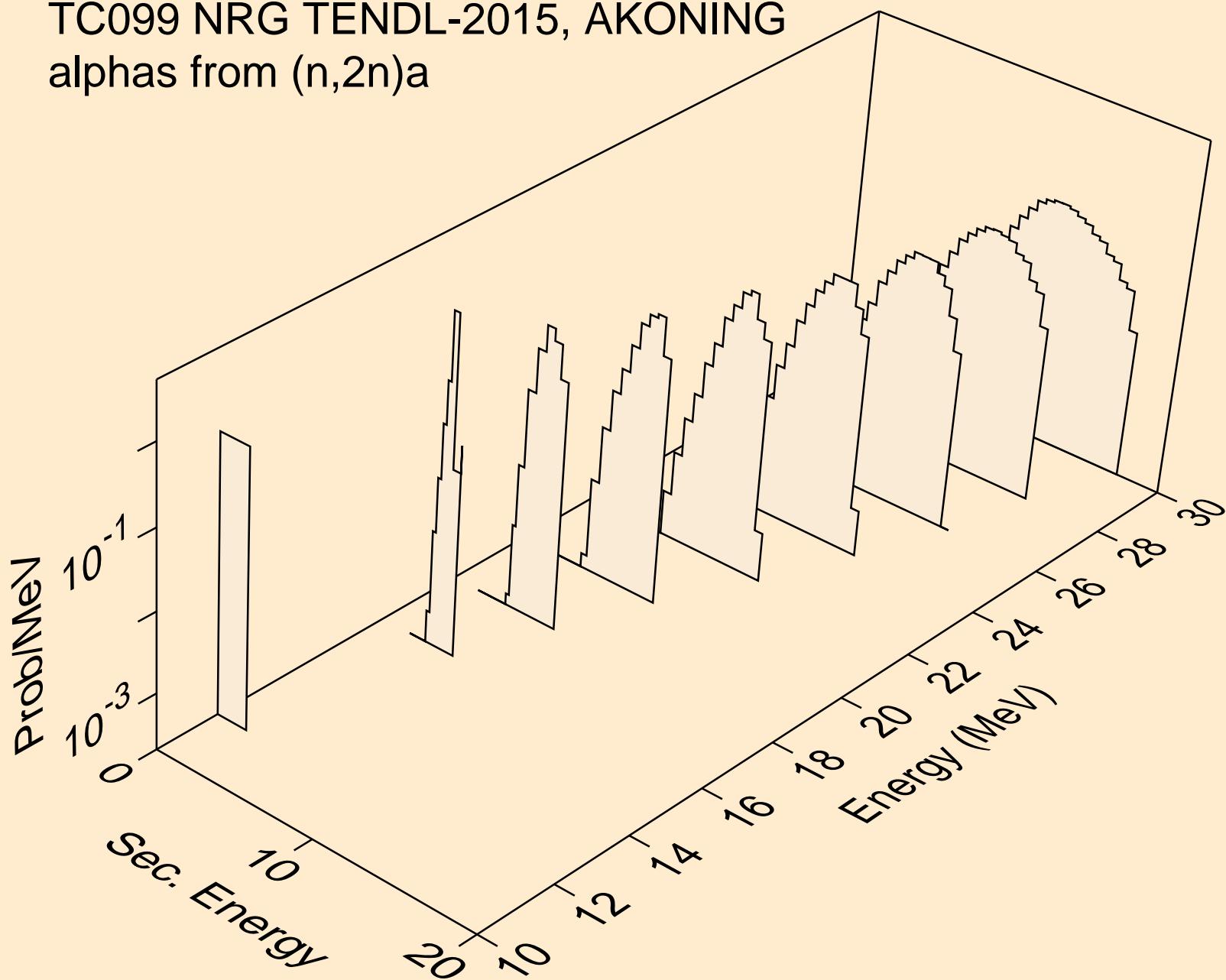
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alphas from (n,x)



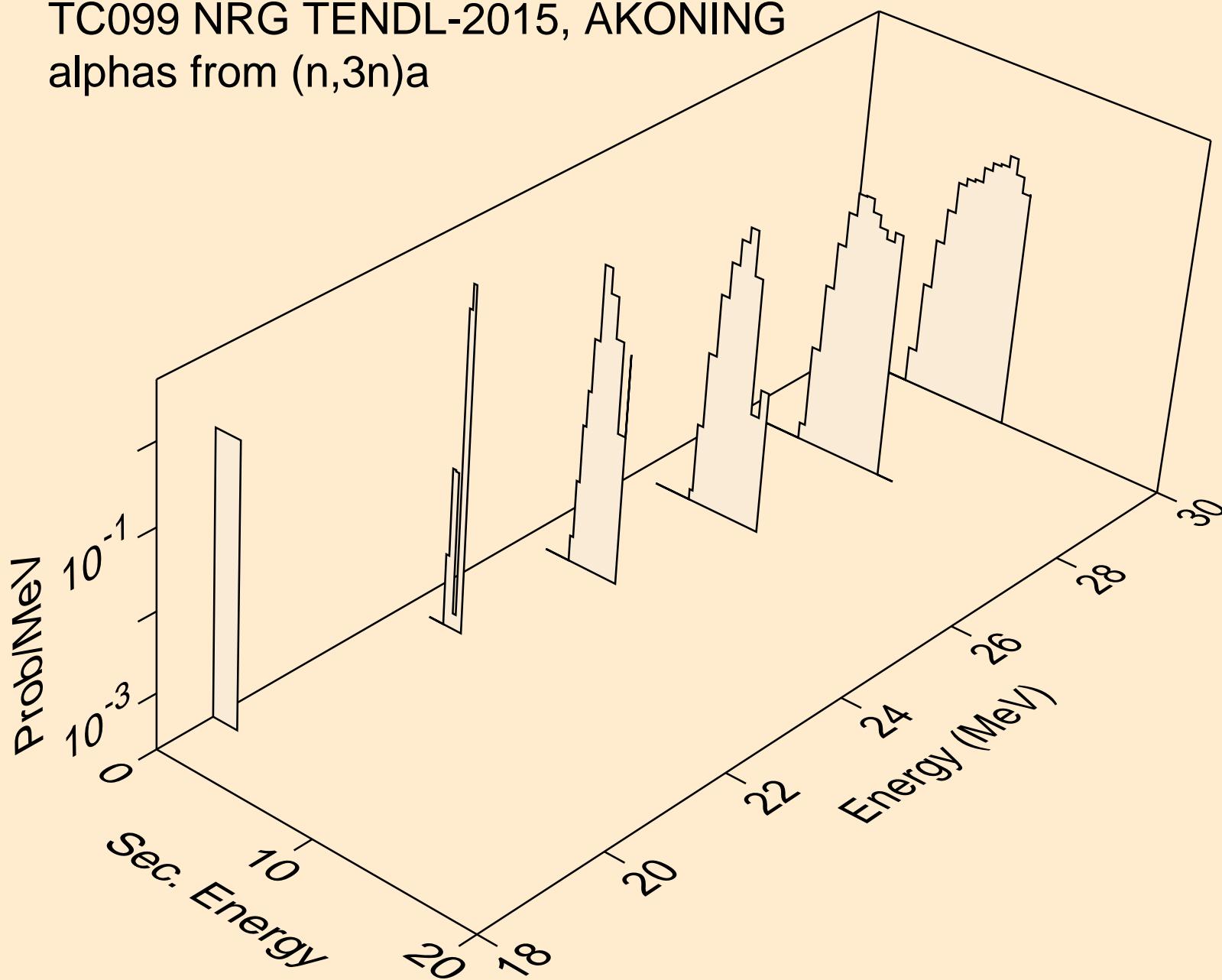
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alphas from  $(n,n^*)a$



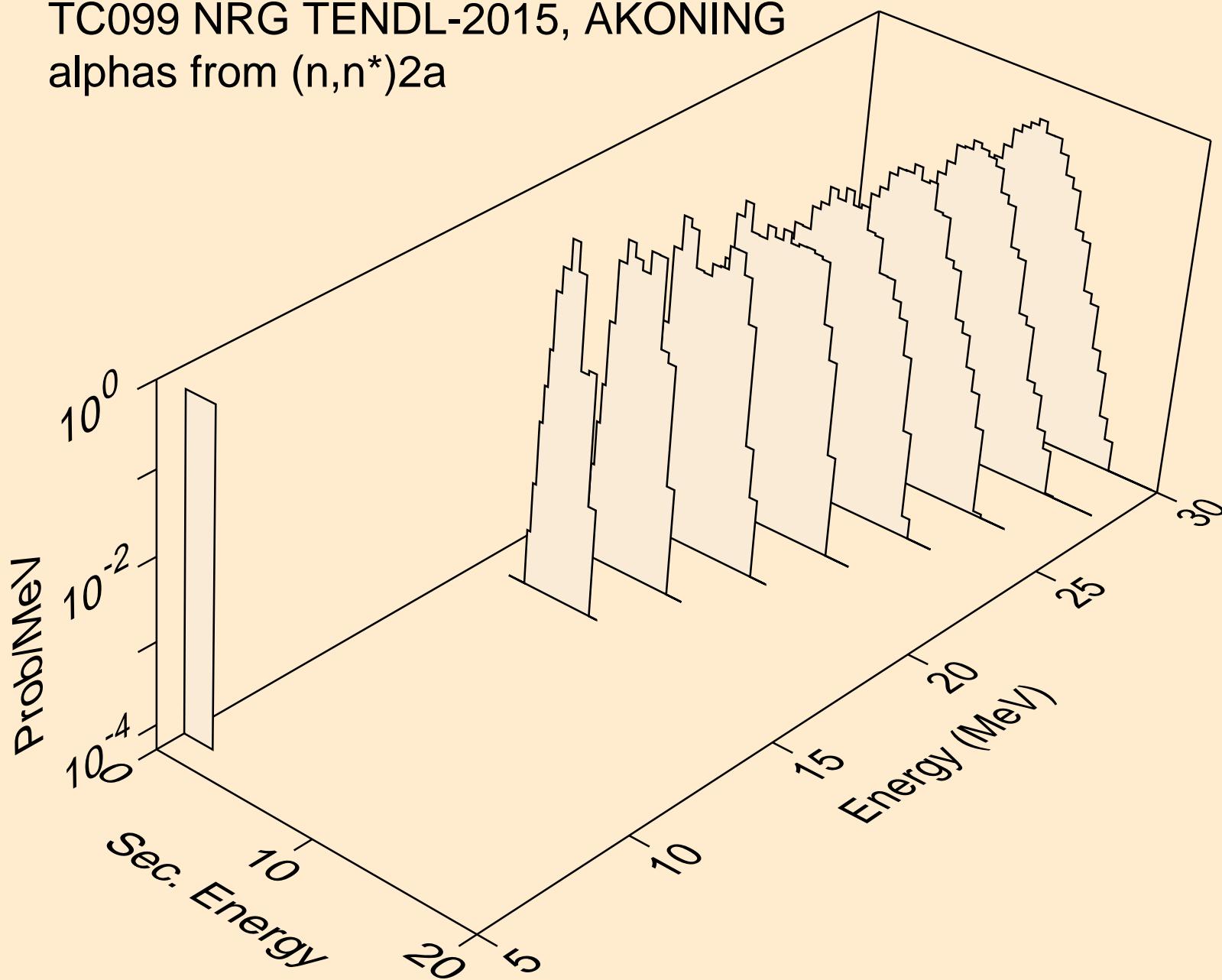
TC099 NRG TENDL-2015, AKONING  
alphas from ( $n,2n$ )a



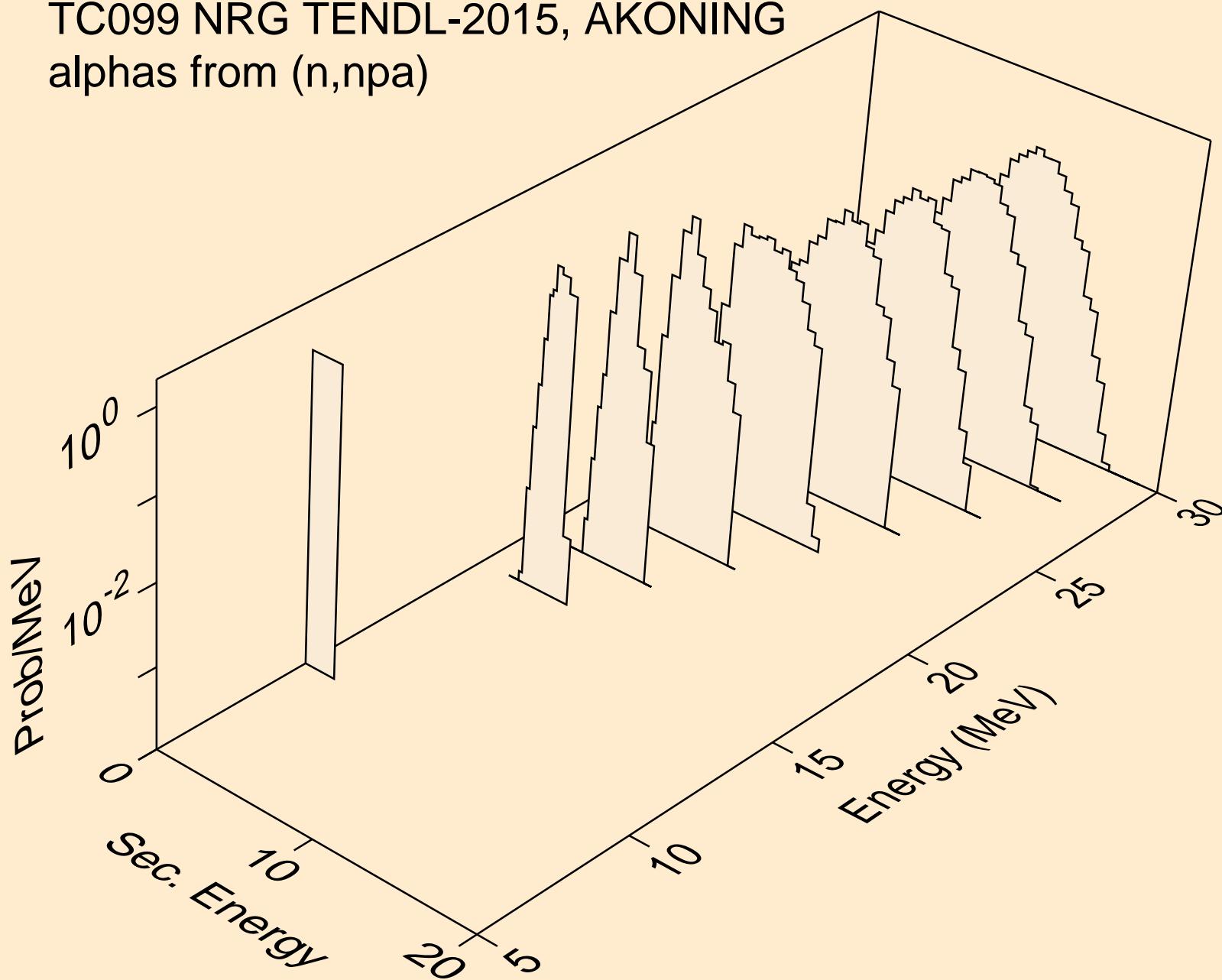
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alphas from  $(n,3n)a$



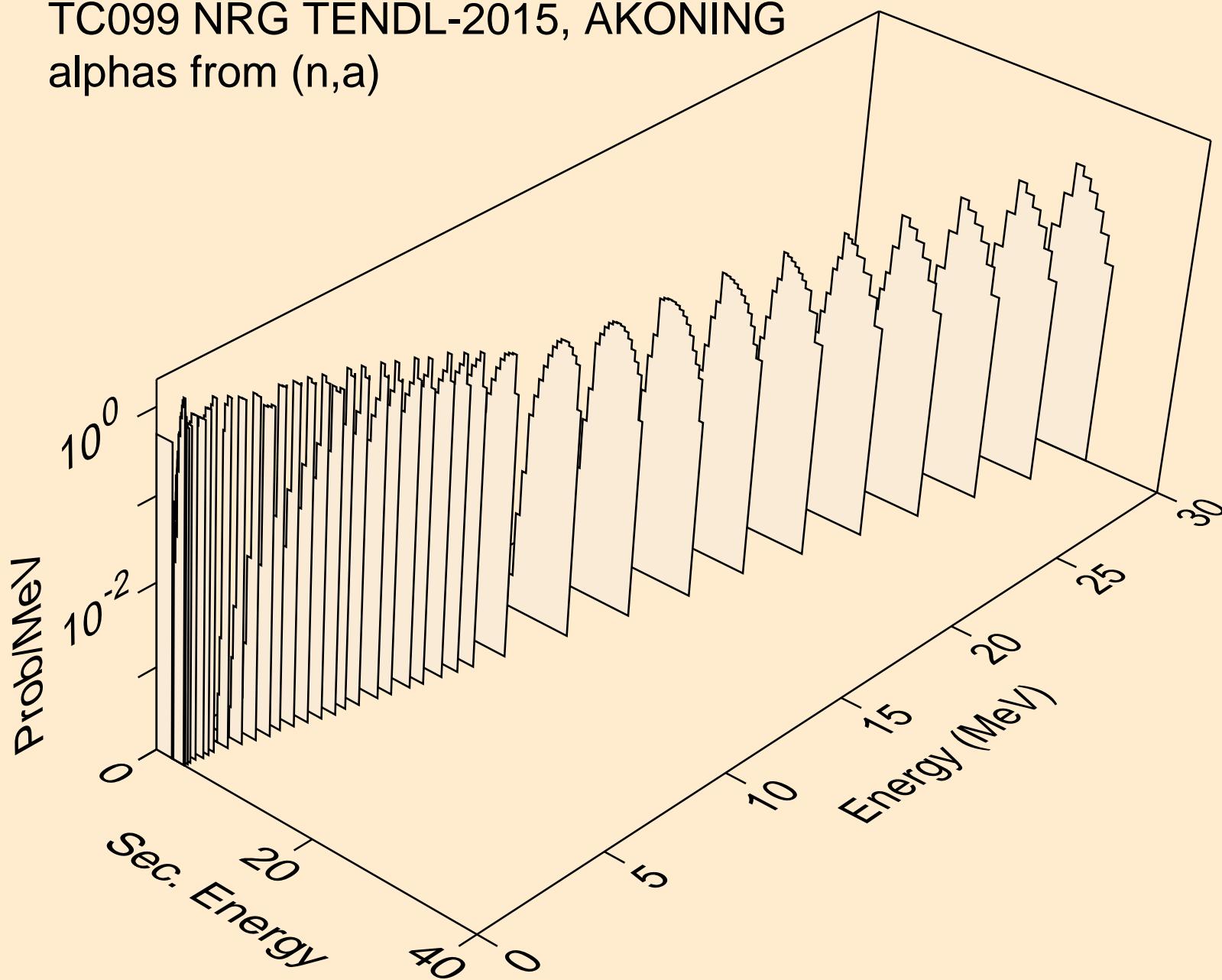
TC099 NRG TENDL-2015, AKONING  
alphas from  $(n,n^*)2a$



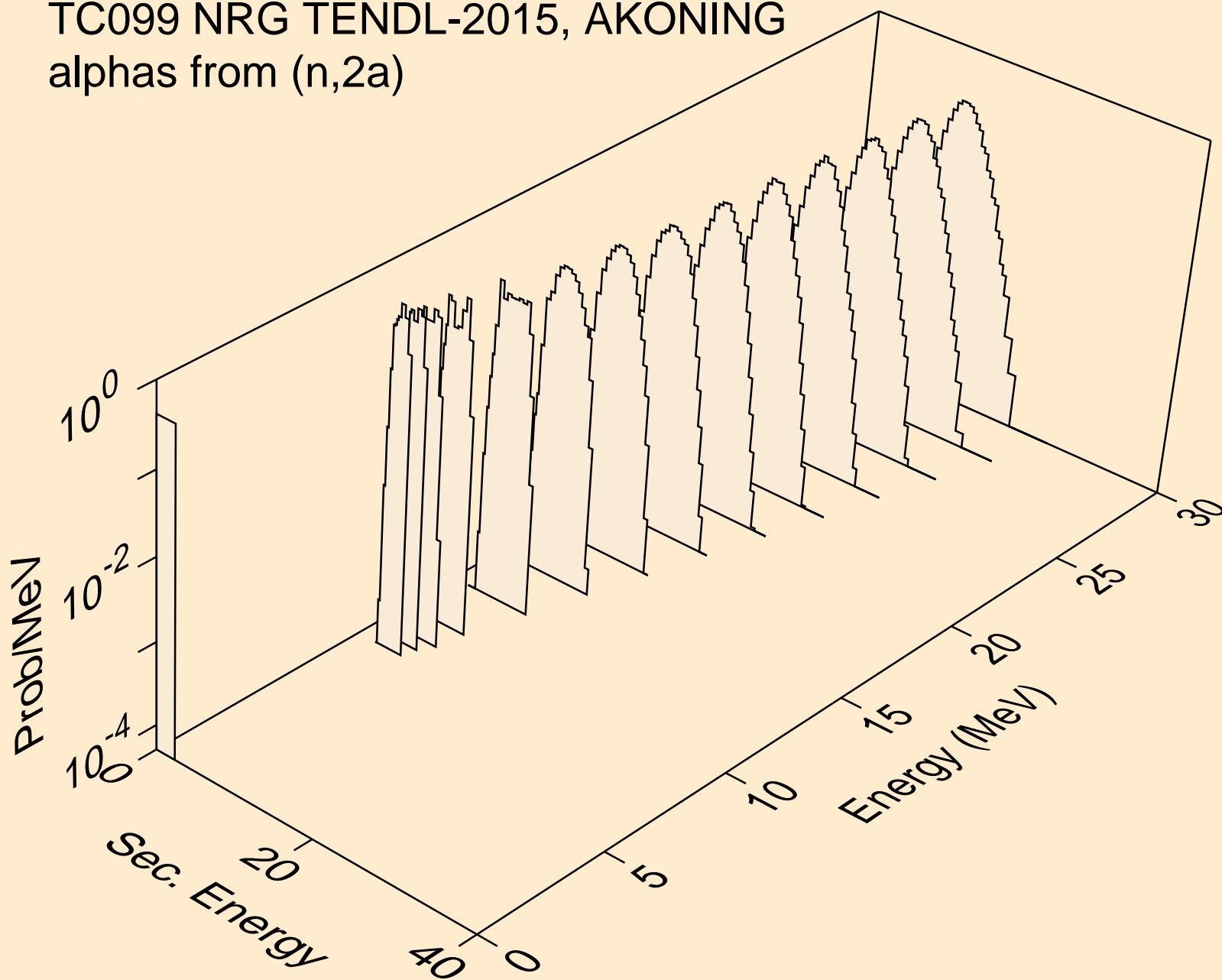
TC099 NRG TENDL-2015, AKONING  
alphas from (n,npa)



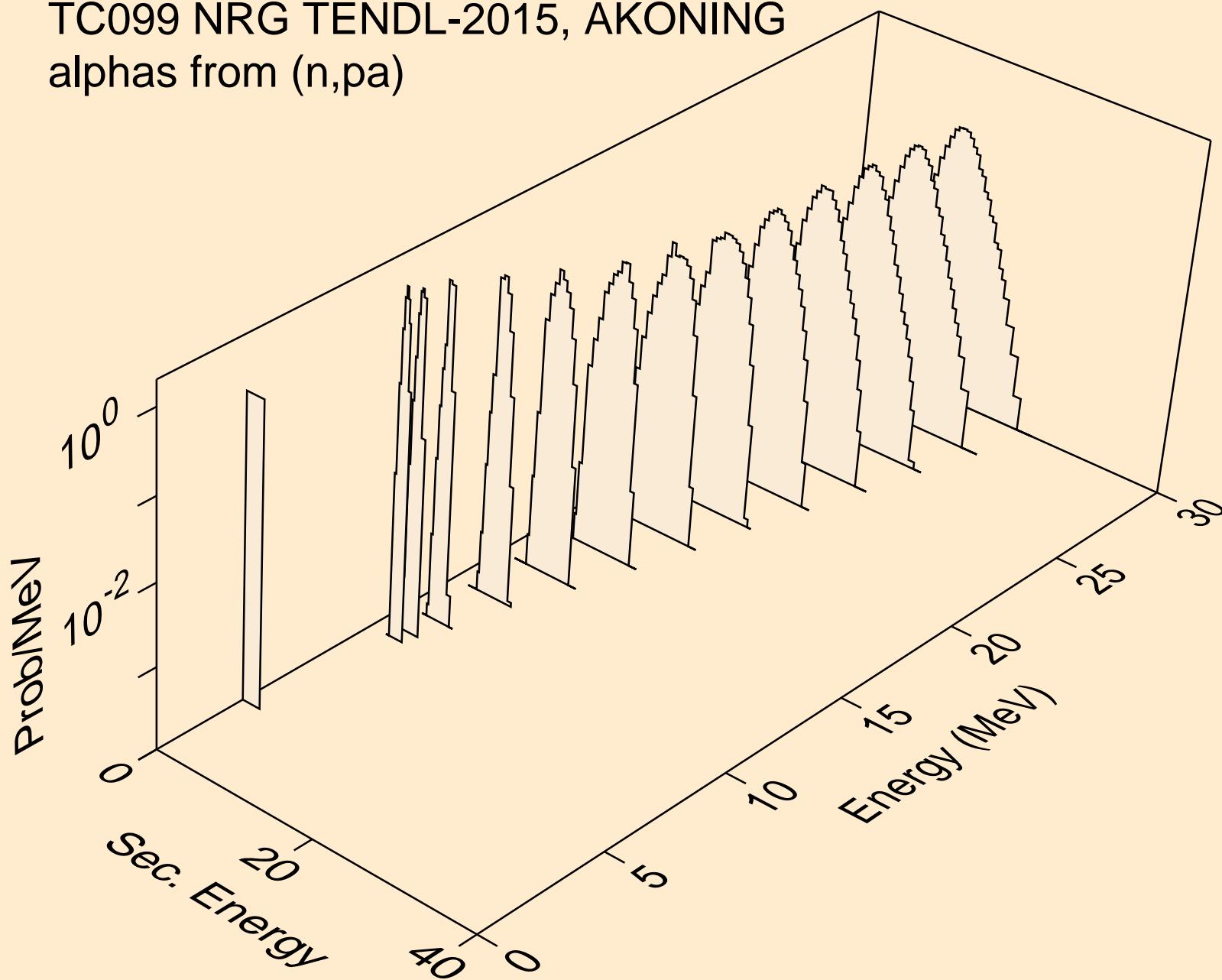
TC099 NRG TENDL-2015, AKONING  
alphas from (n,a)



TC099 NRG TENDL-2015, AKONING  
alphas from ( $n,2a$ )



TC099 NRG TENDL-2015, AKONING  
alphas from (n,pa)



TC099 NRG TENDL-2015, AKONING  
alphas from (n,da)

