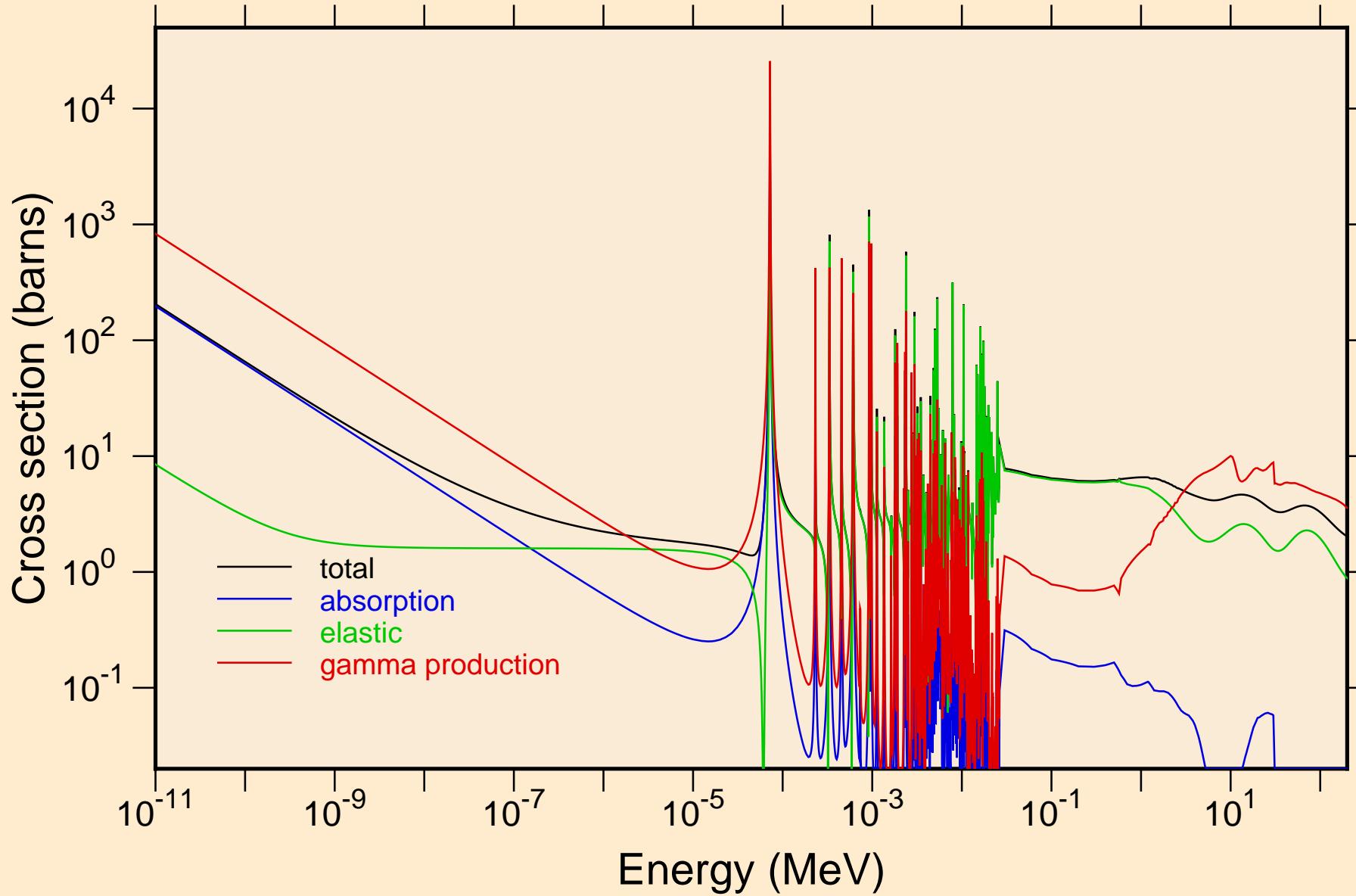
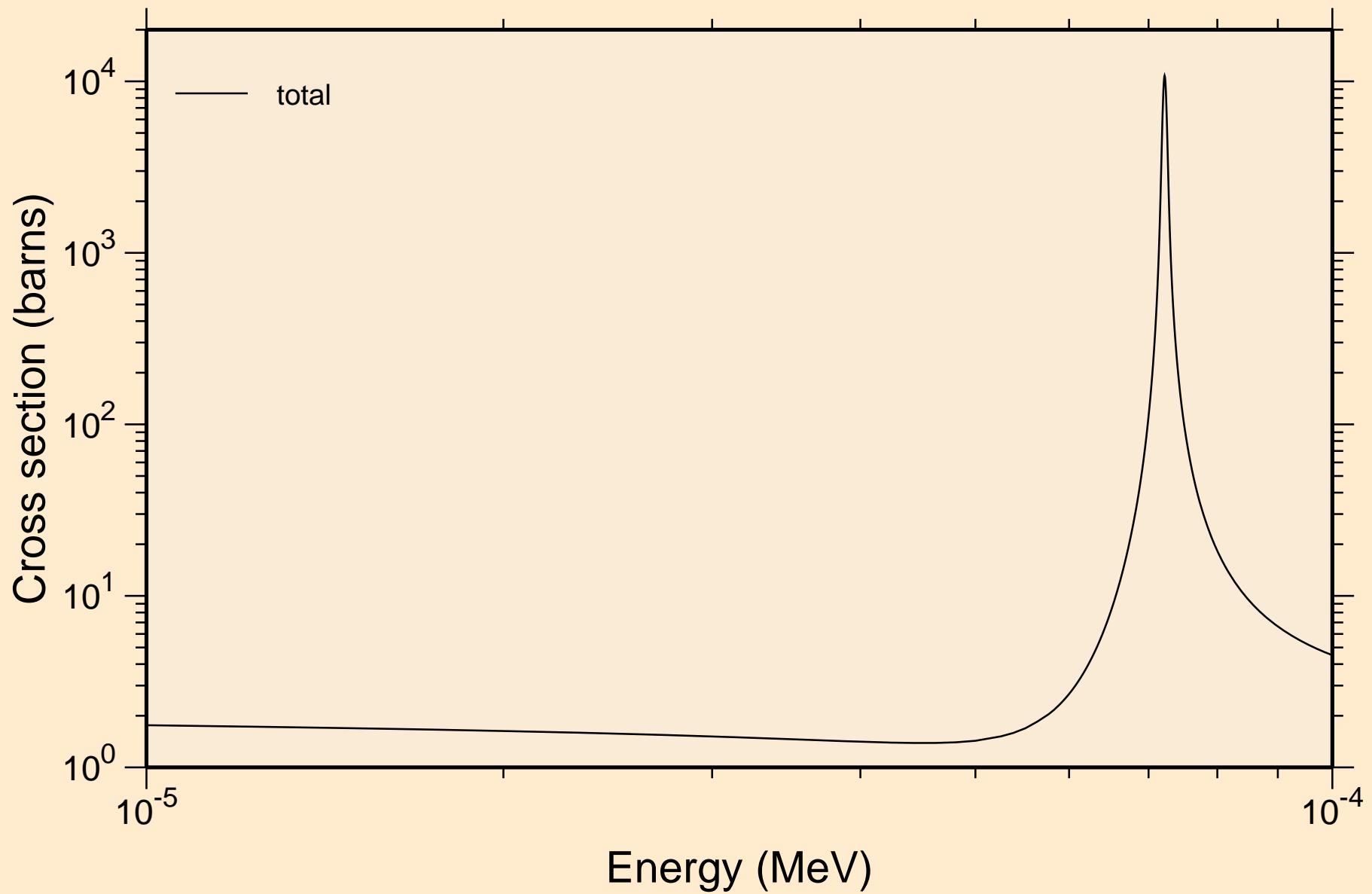


# TE122 NRG TENDL-2015, AKONING

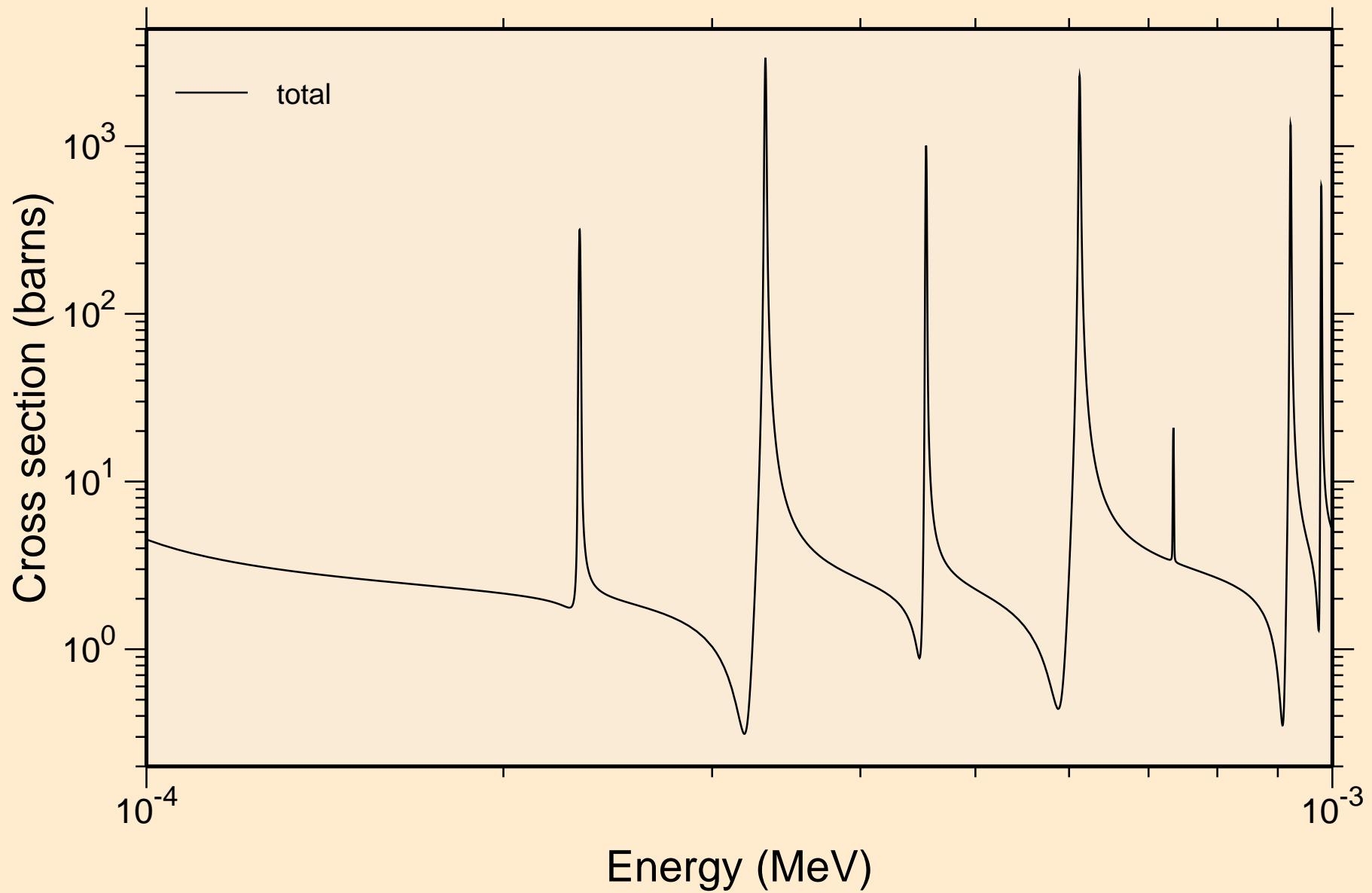
## Principal cross sections



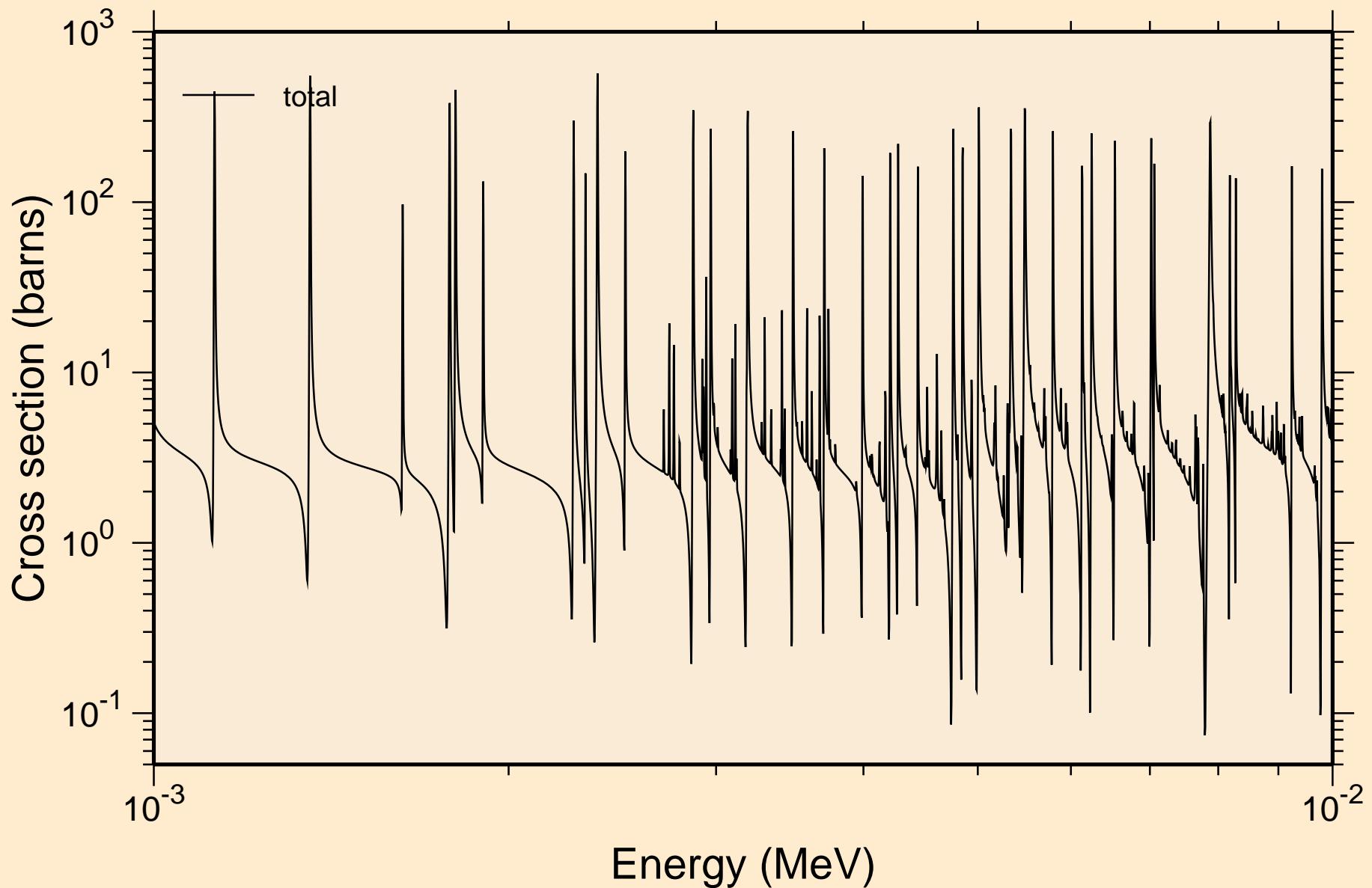
TE122 NRG TENDL-2015, AKONING  
resonance total cross section



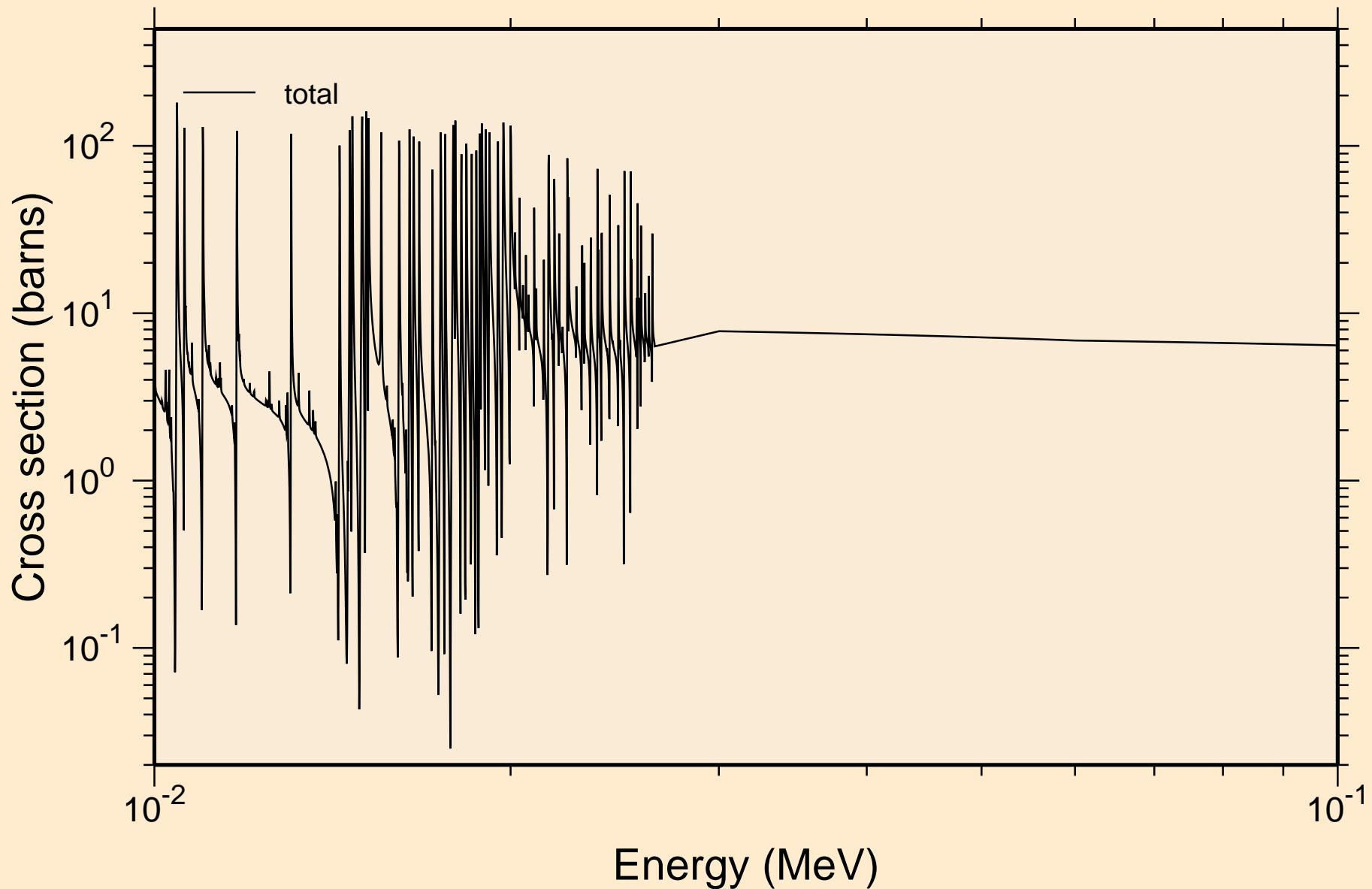
TE122 NRG TENDL-2015, AKONING  
resonance total cross section



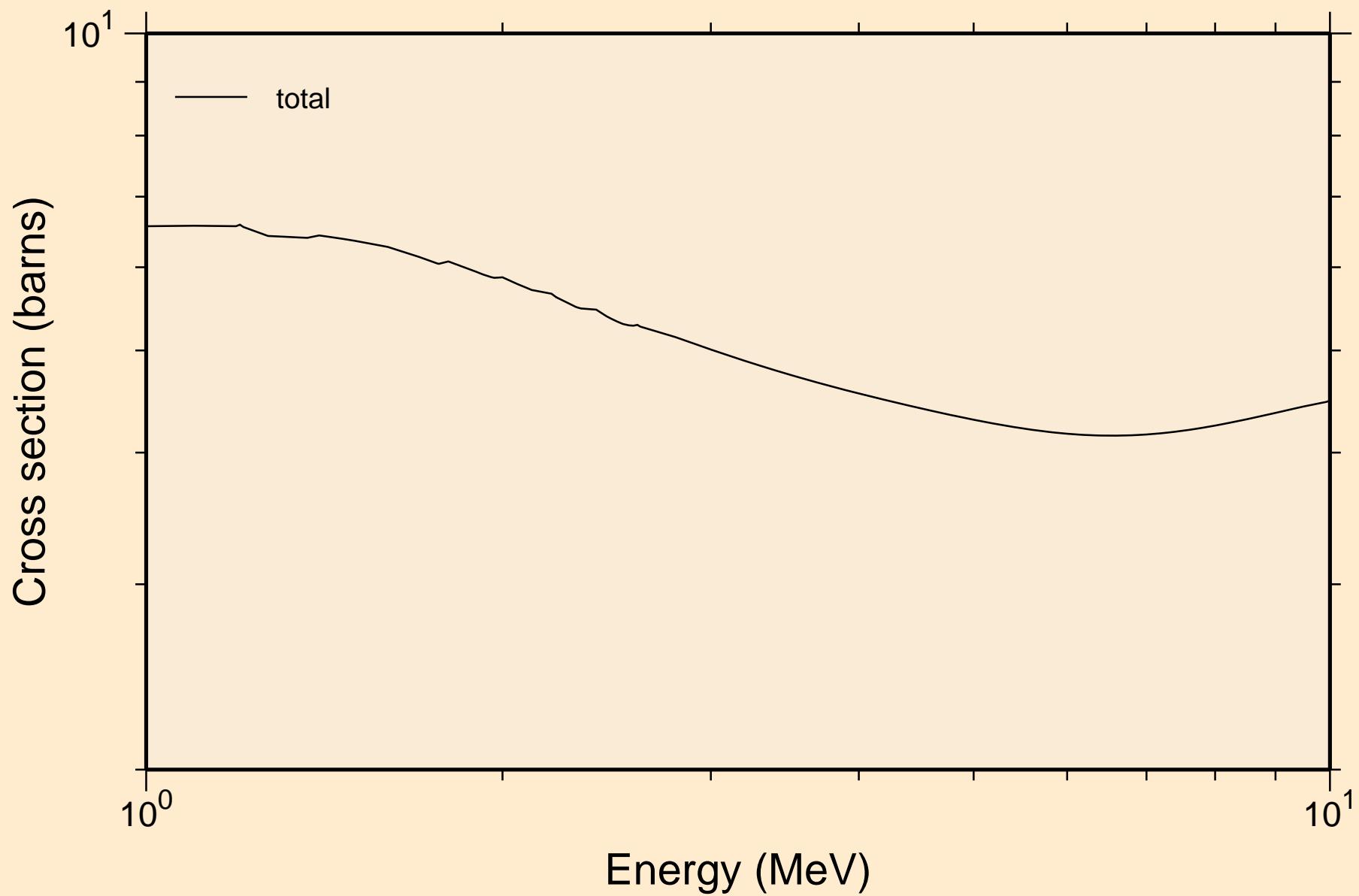
TE122 NRG TENDL-2015, AKONING  
resonance total cross section



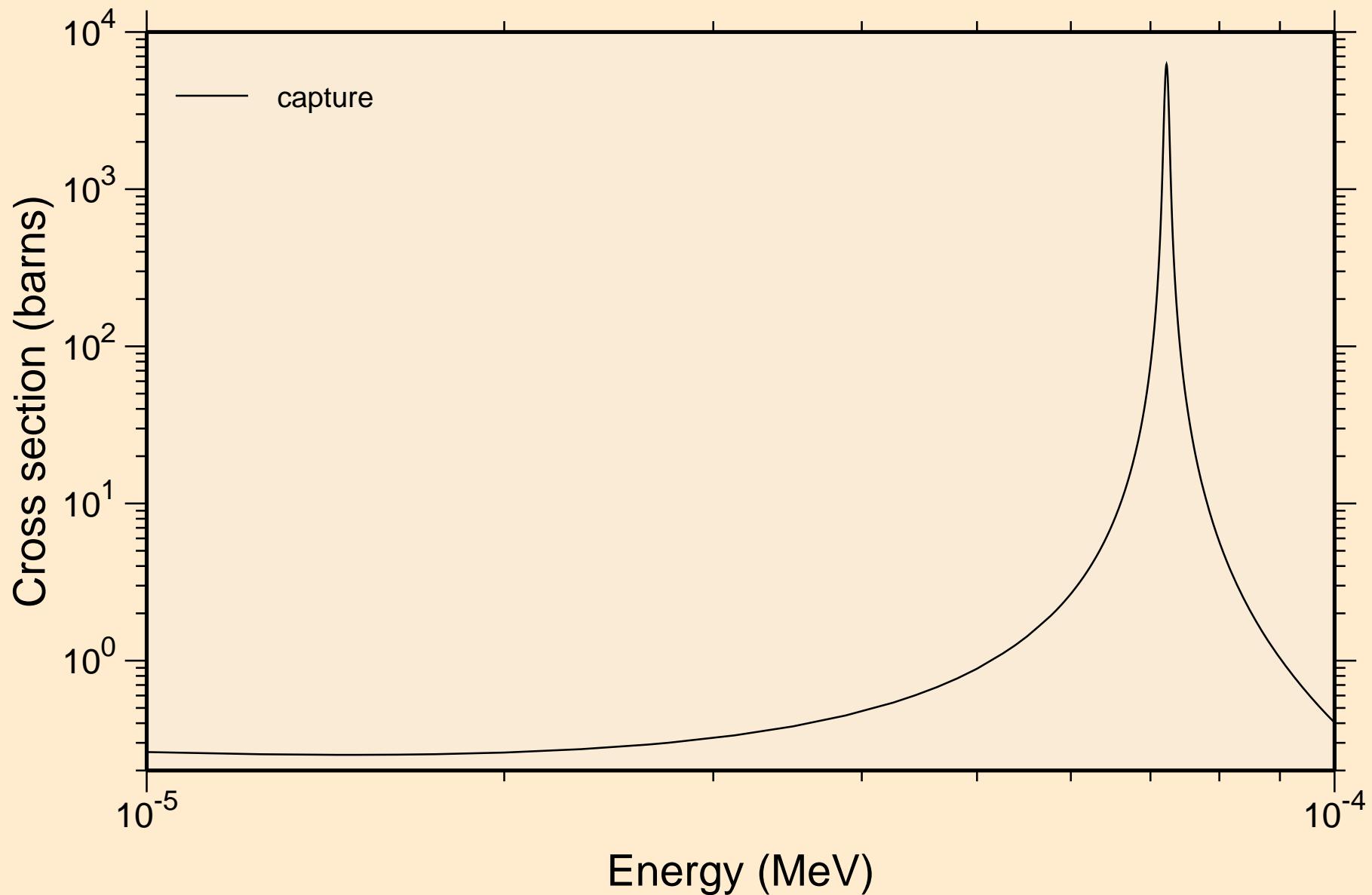
TE122 NRG TENDL-2015, AKONING  
resonance total cross section



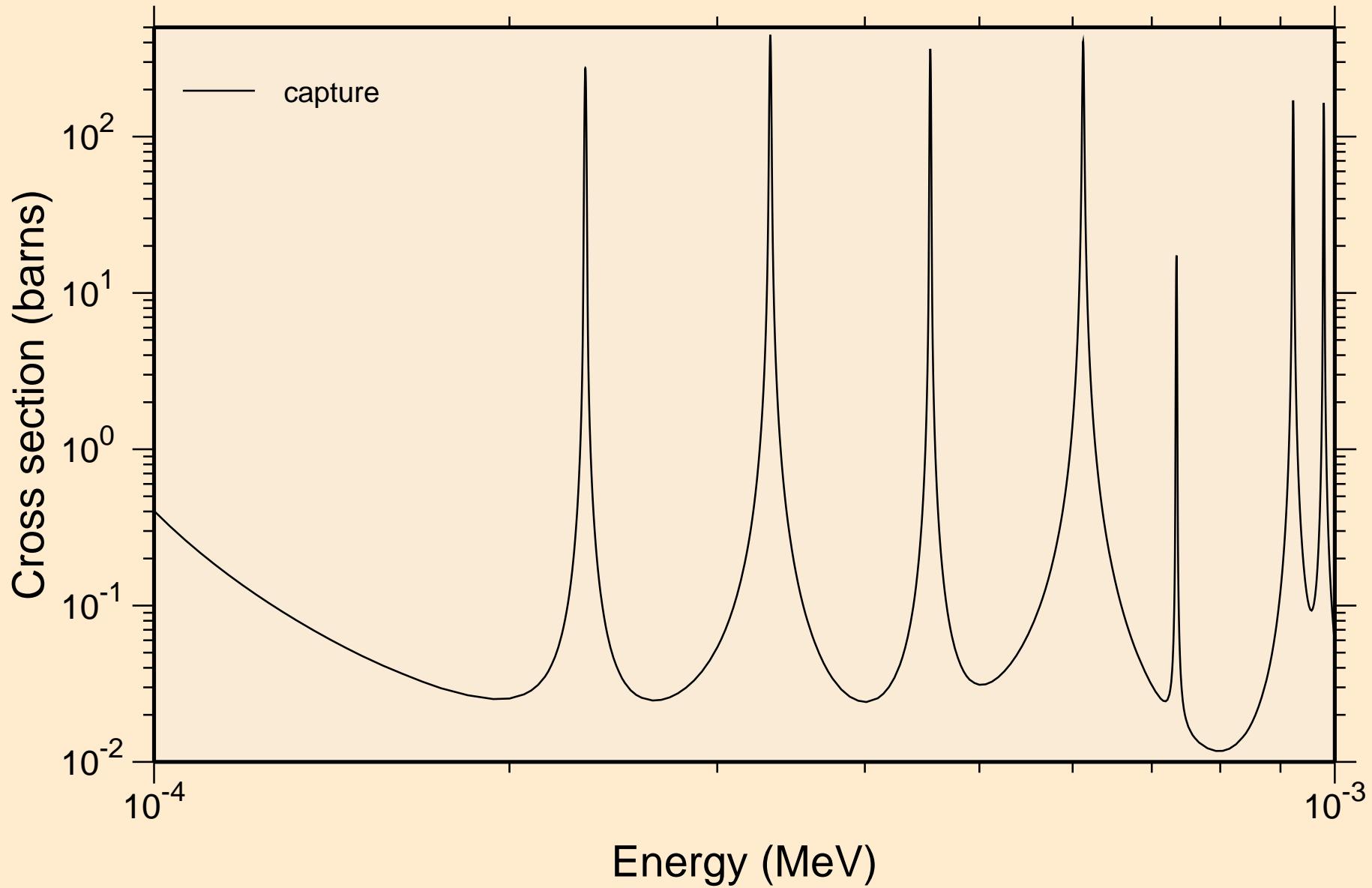
TE122 NRG TENDL-2015, AKONING  
resonance total cross section



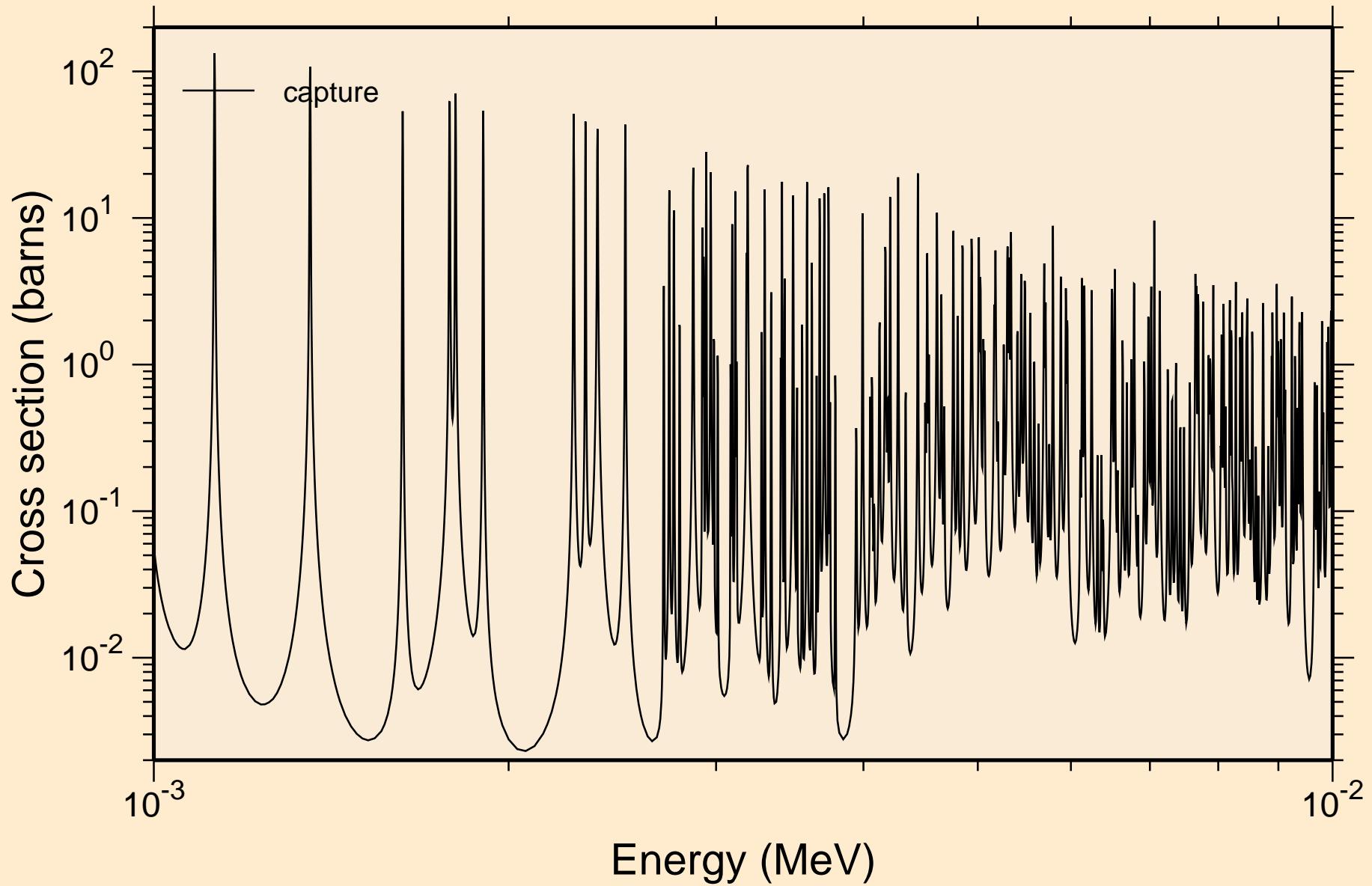
TE122 NRG TENDL-2015, AKONING  
resonance absorption cross sections



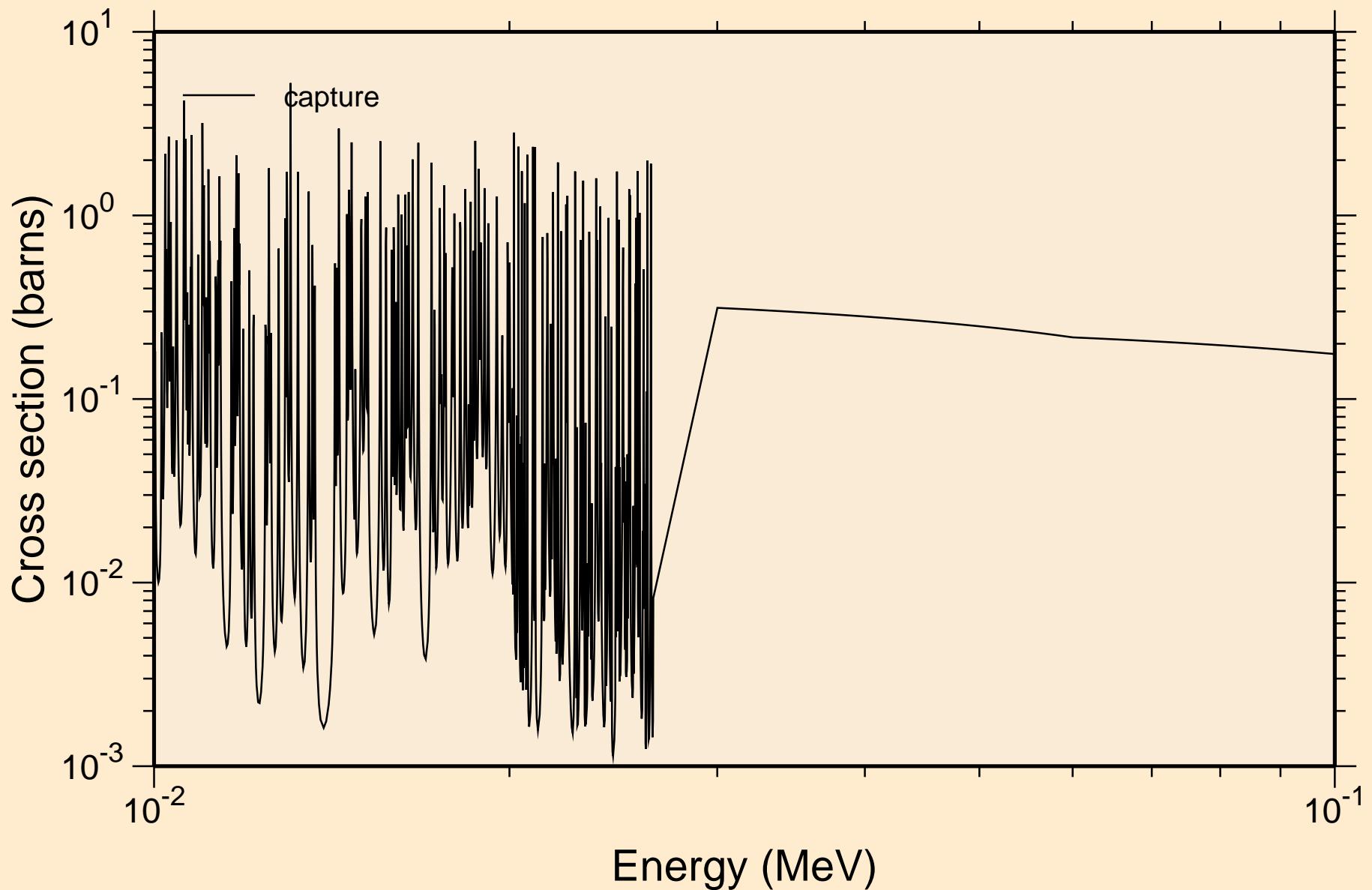
TE122 NRG TENDL-2015, AKONING  
resonance absorption cross sections



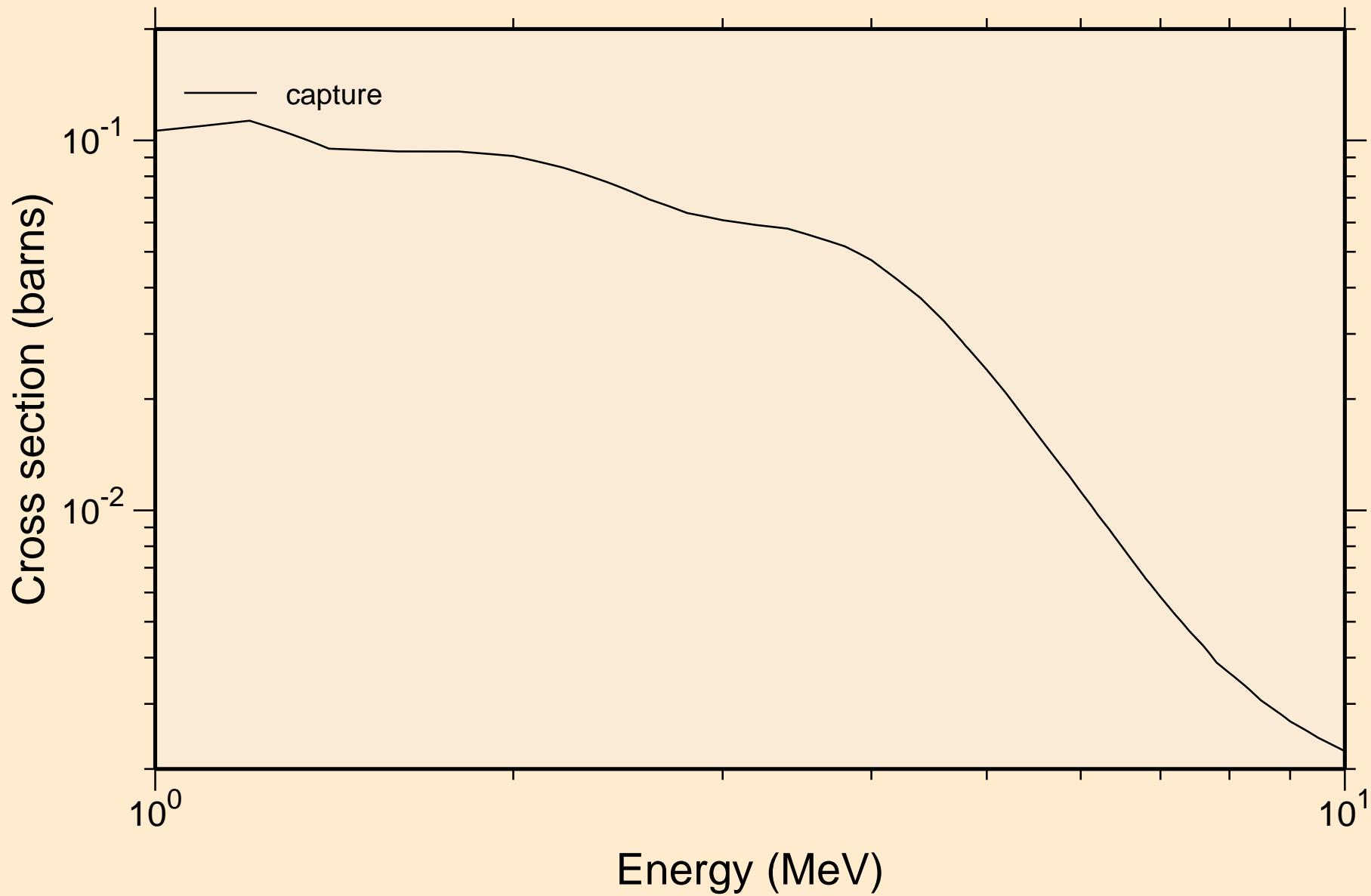
# TE122 NRG TENDL-2015, AKONING resonance absorption cross sections



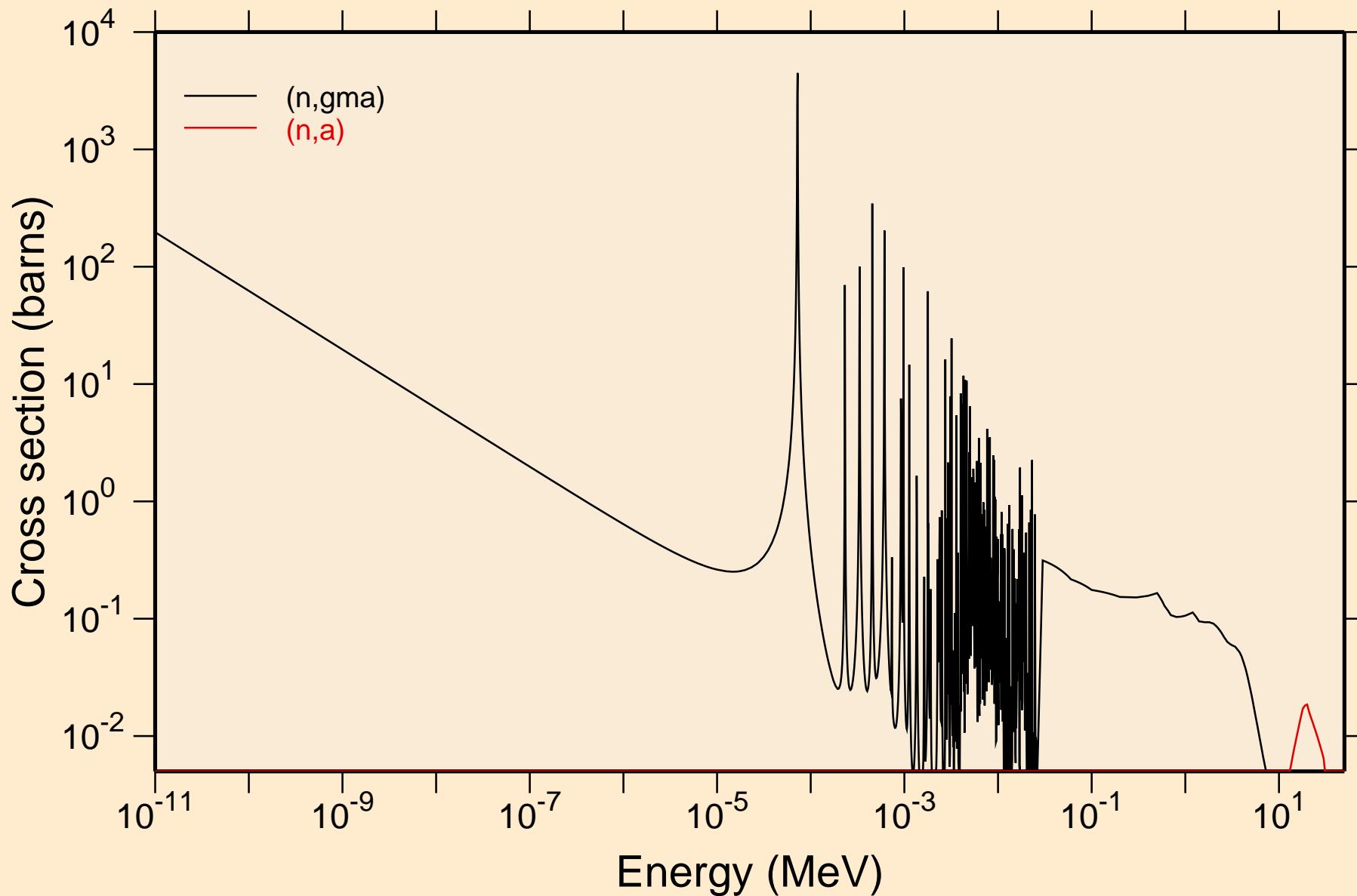
TE122 NRG TENDL-2015, AKONING  
resonance absorption cross sections



TE122 NRG TENDL-2015, AKONING  
resonance absorption cross sections

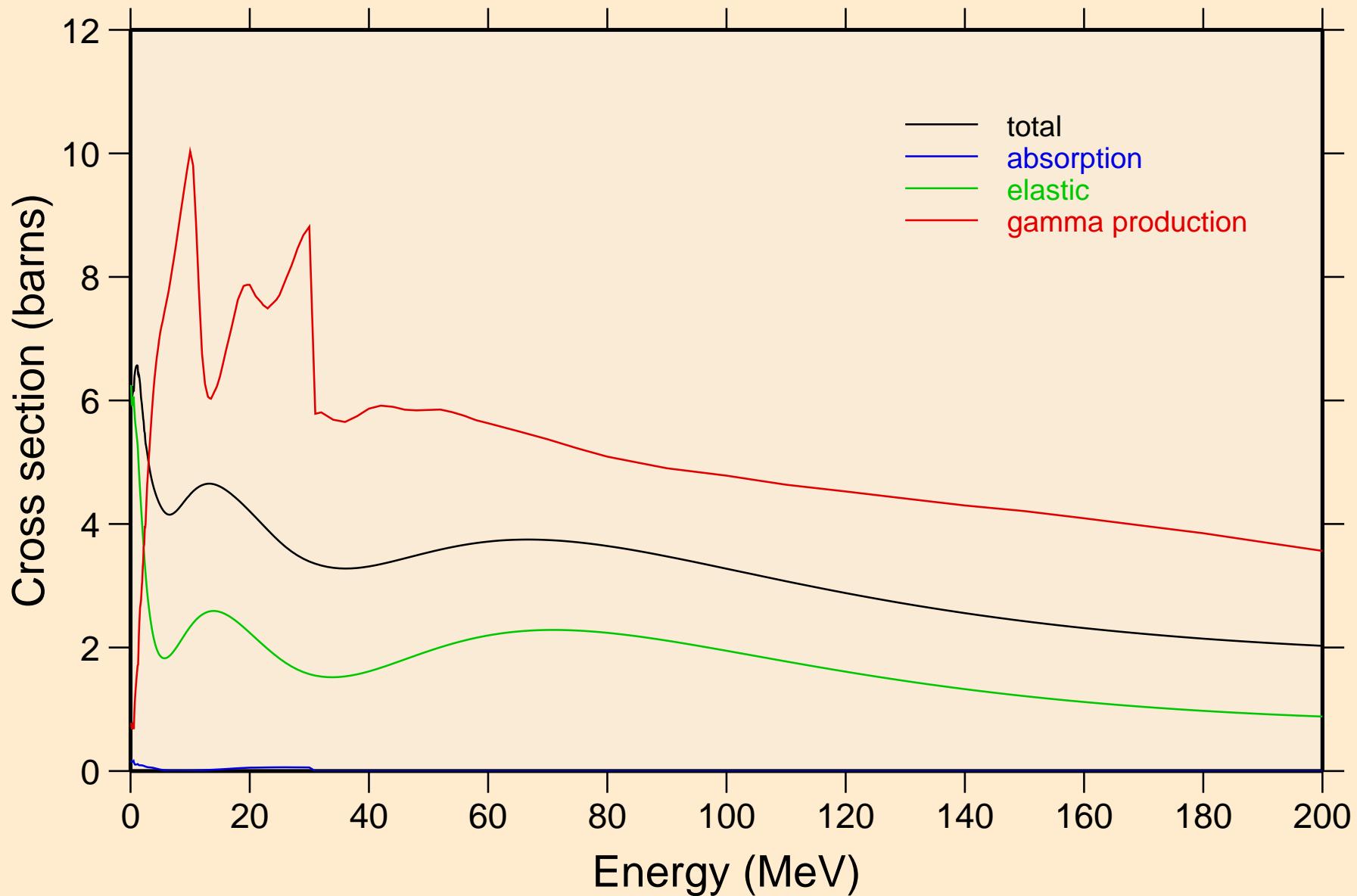


TE122 NRG TENDL-2015, AKONING  
Non-threshold reactions

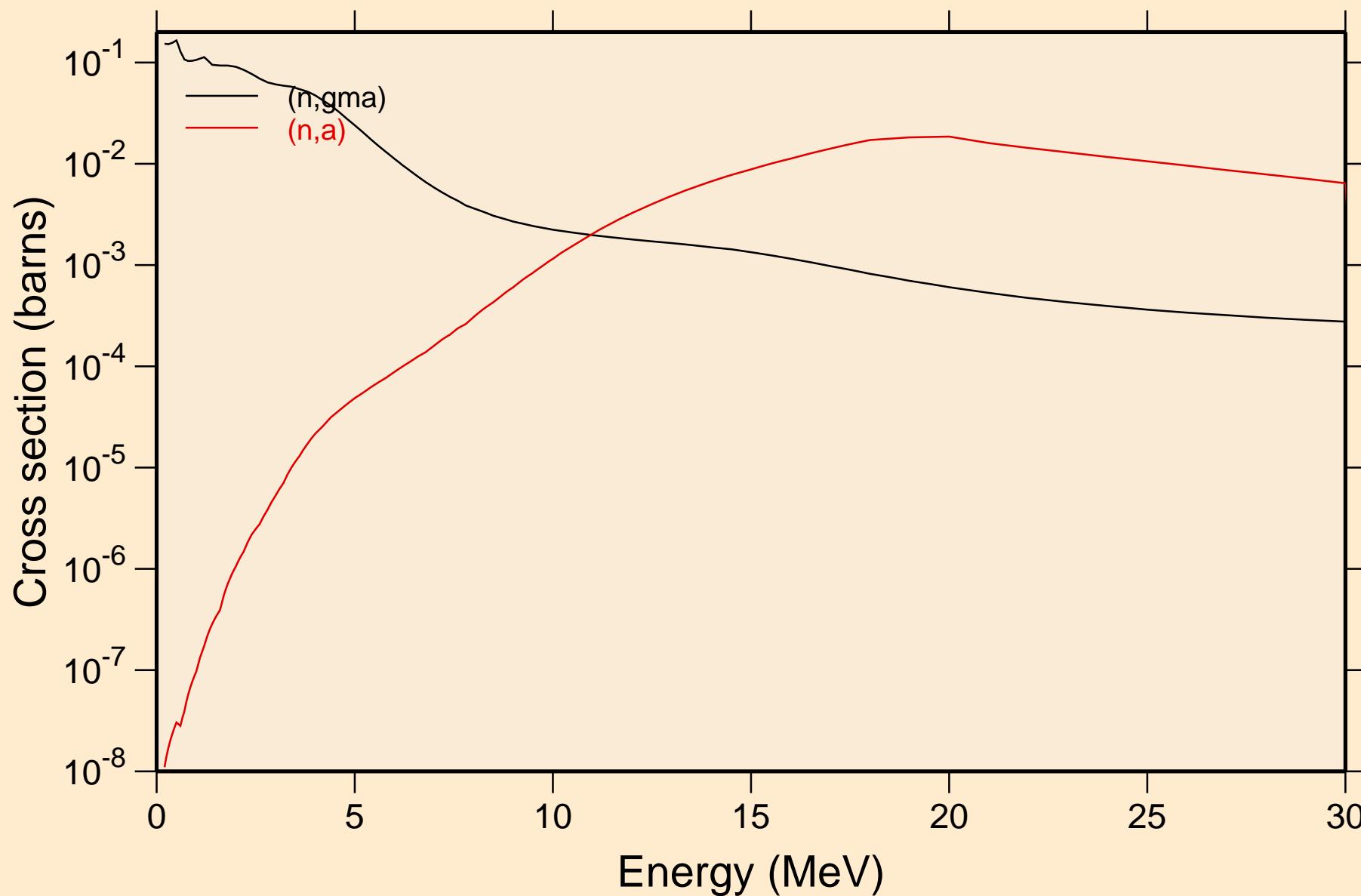


# TE122 NRG TENDL-2015, AKONING

## Principal cross sections

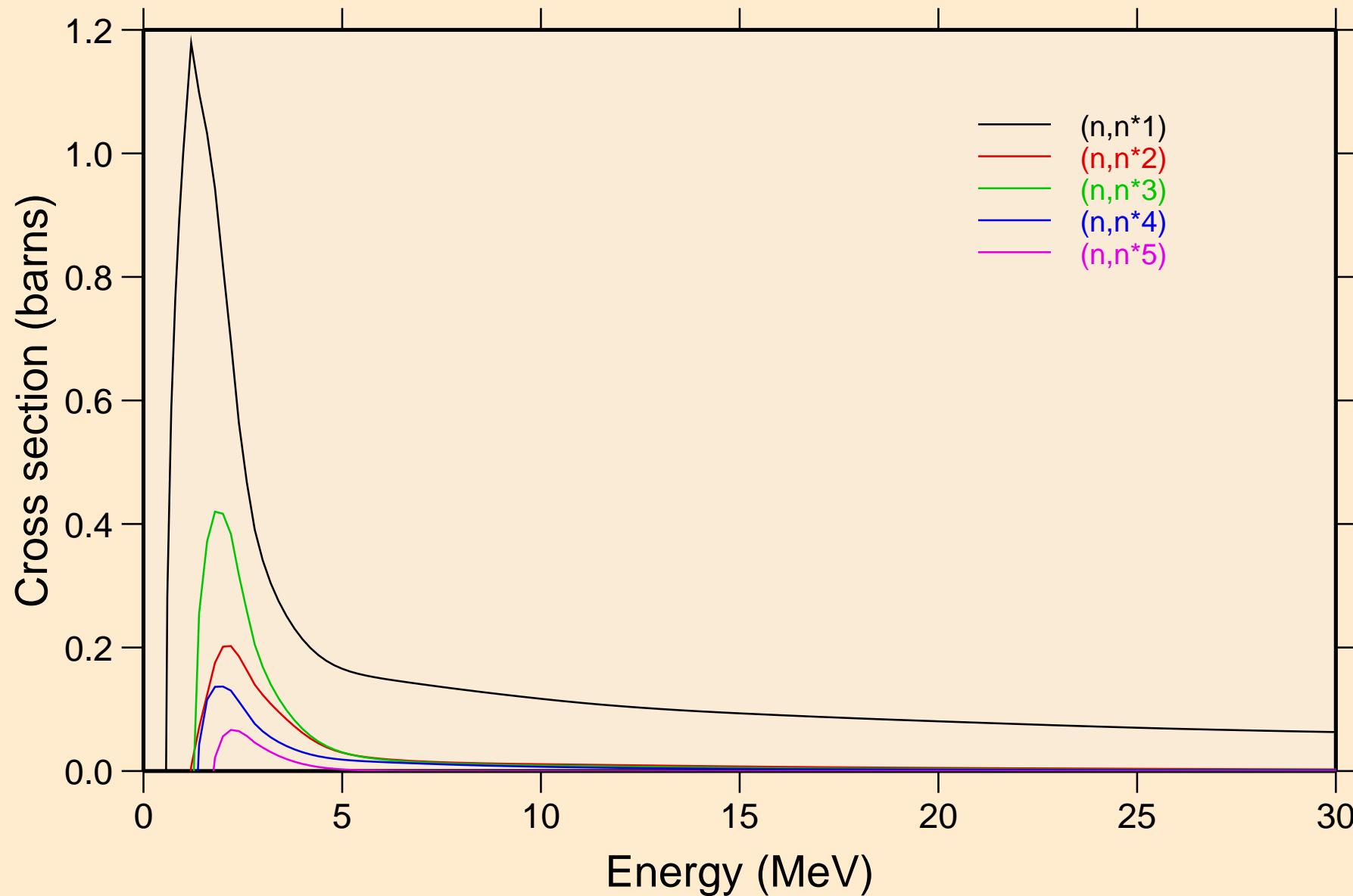


TE122 NRG TENDL-2015, AKONING  
Non-threshold reactions



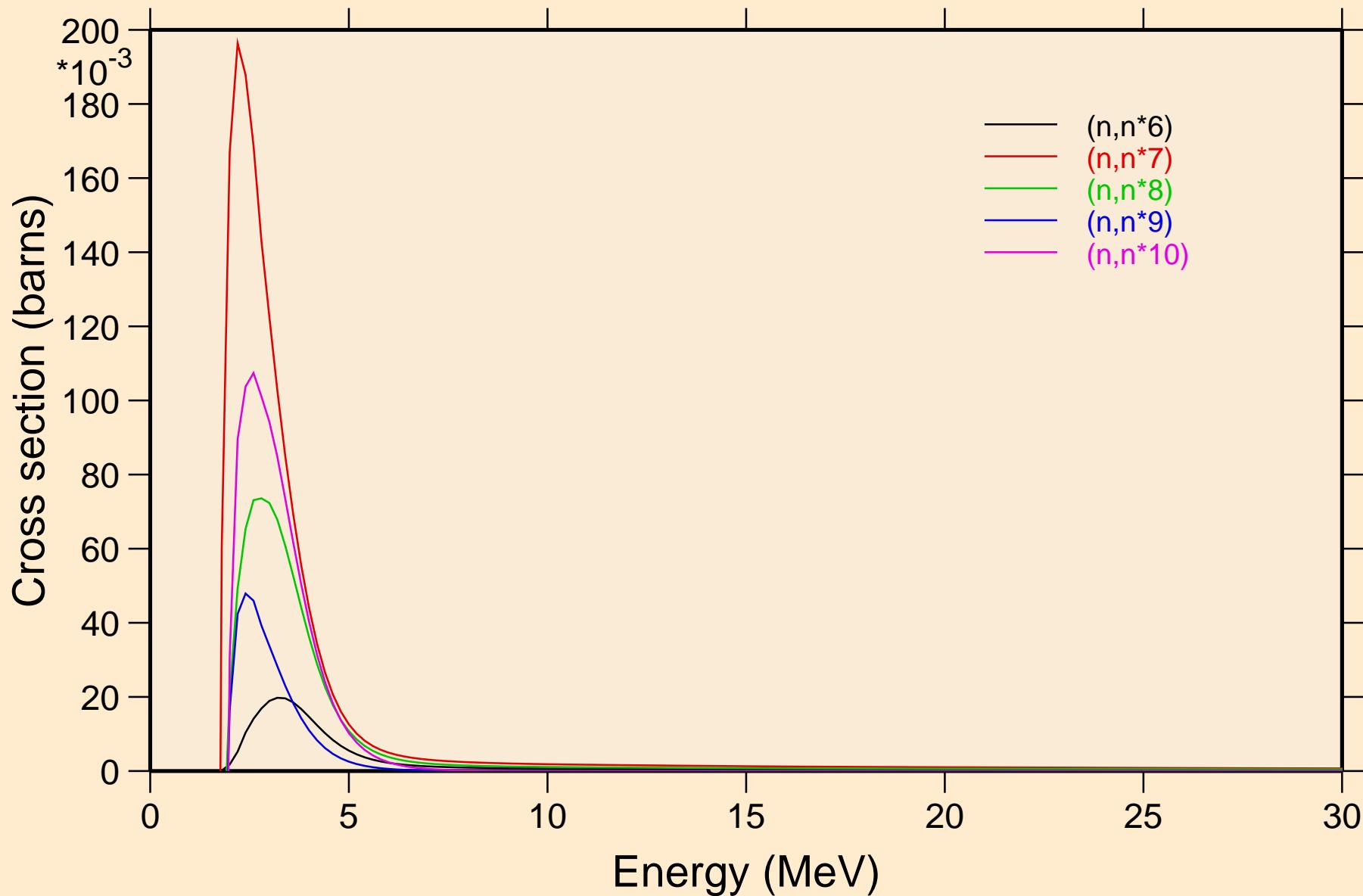
# TE122 NRG TENDL-2015, AKONING

## Inelastic levels



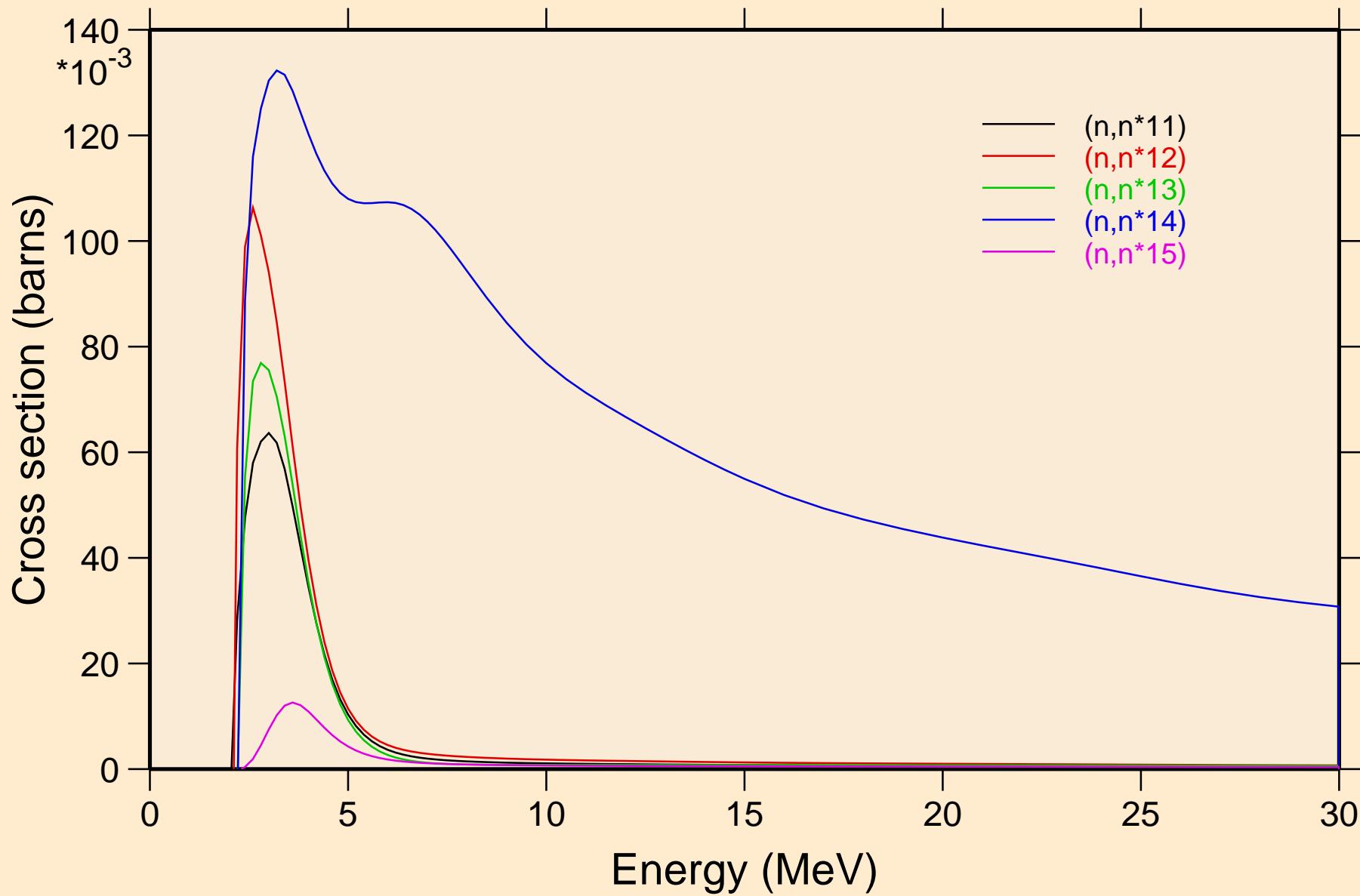
# TE122 NRG TENDL-2015, AKONING

## Inelastic levels



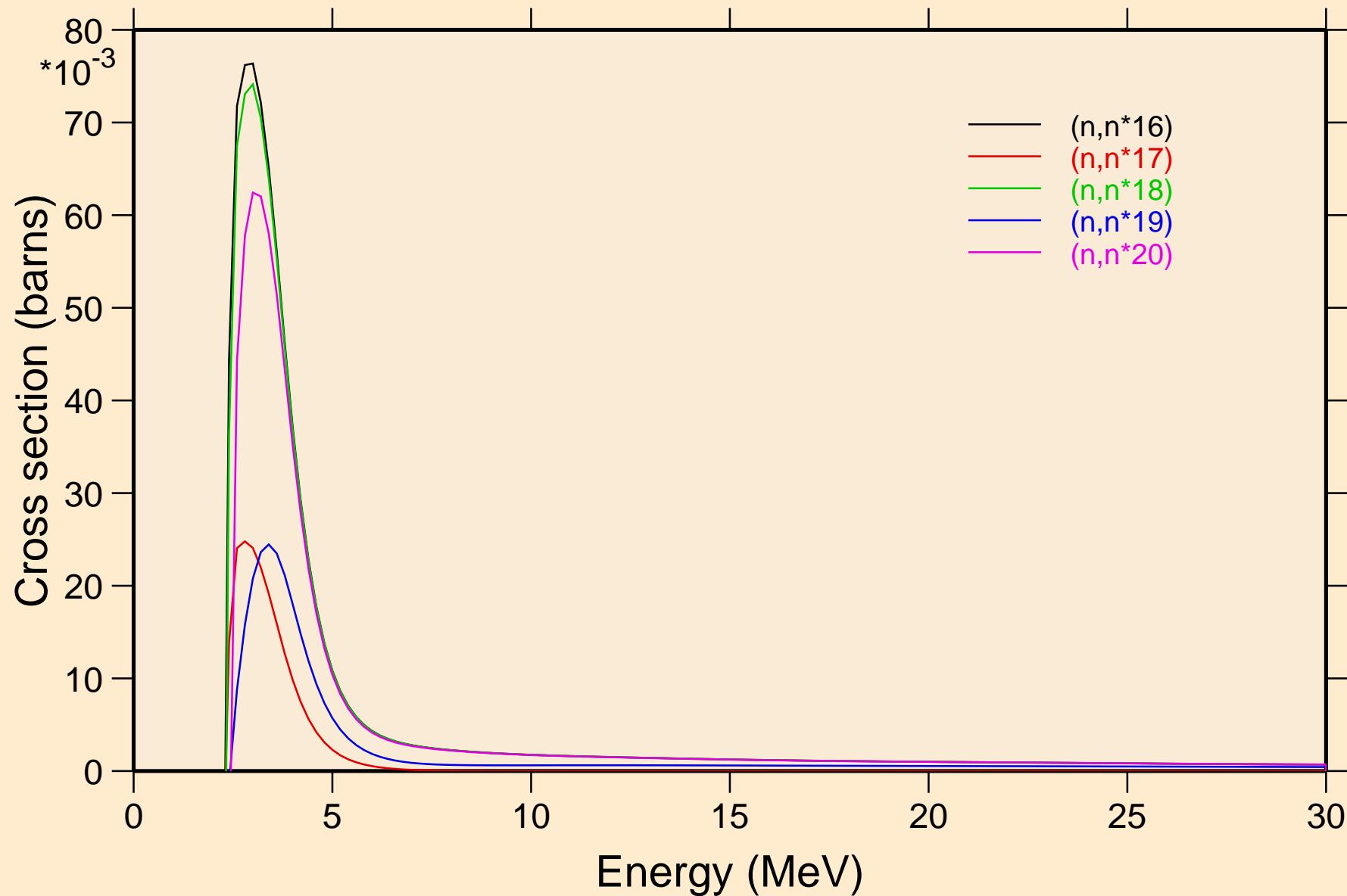
# TE122 NRG TENDL-2015, AKONING

## Inelastic levels



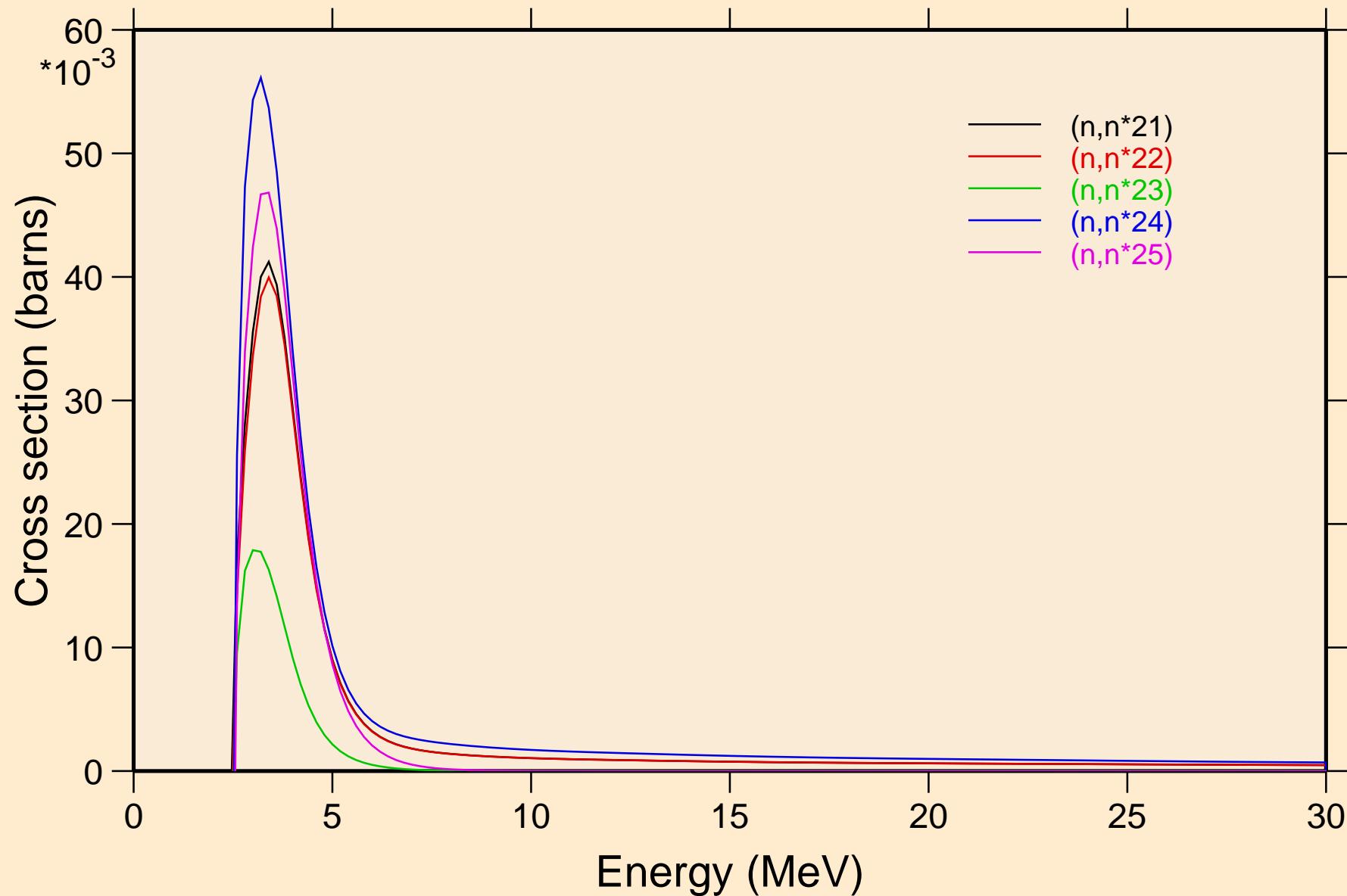
# TE122 NRG TENDL-2015, AKONING

## Inelastic levels



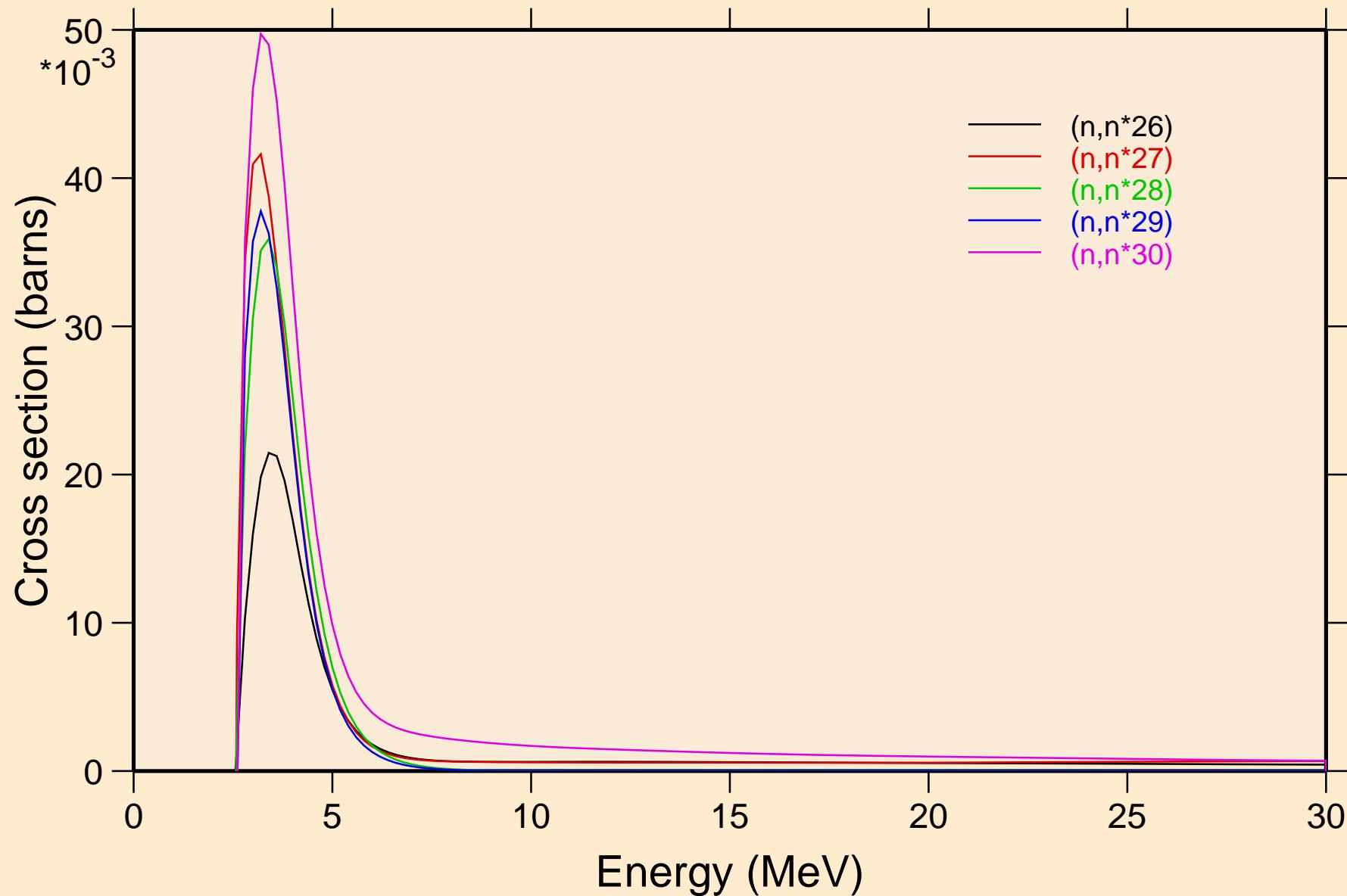
# TE122 NRG TENDL-2015, AKONING

## Inelastic levels



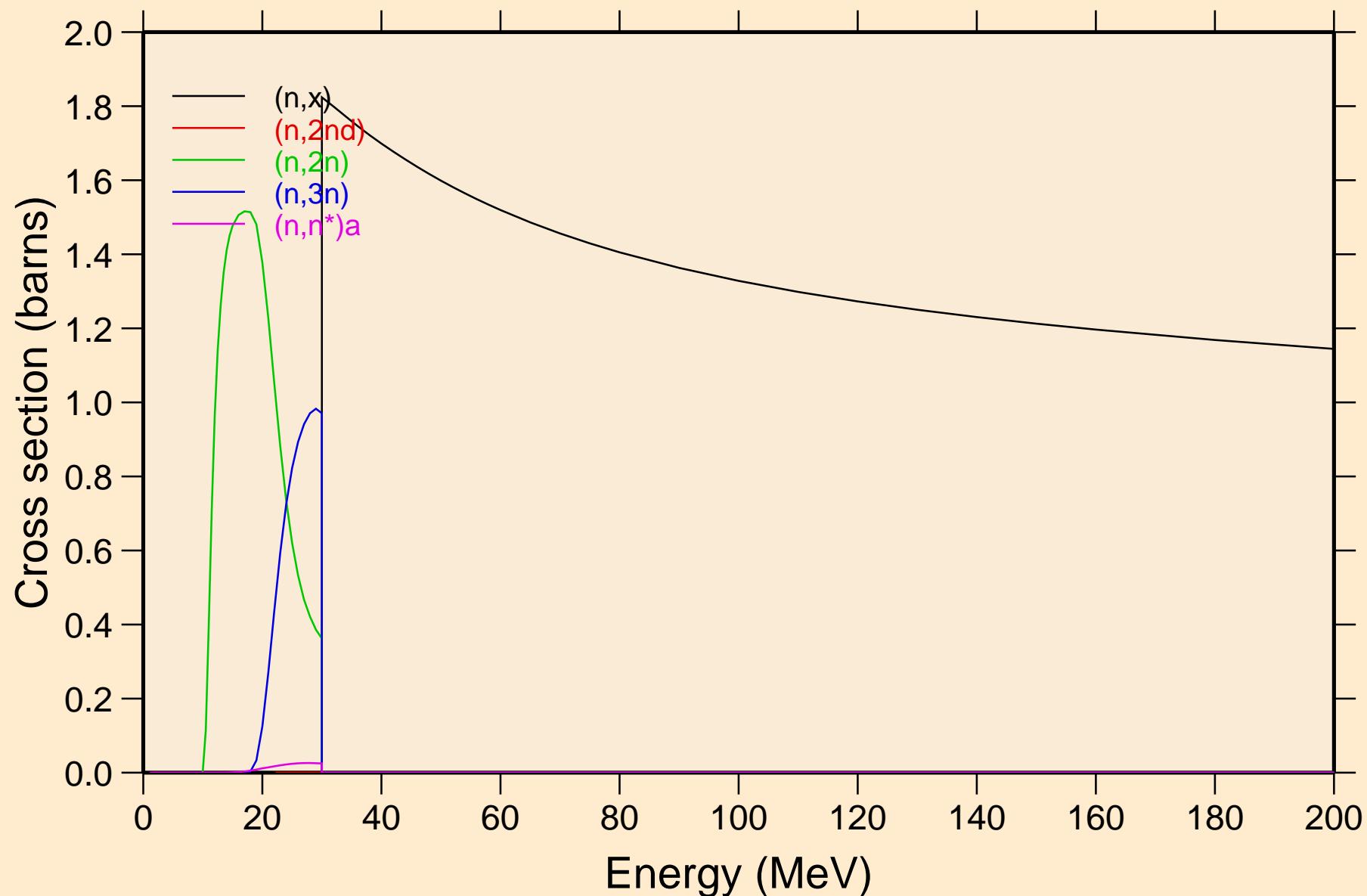
# TE122 NRG TENDL-2015, AKONING

## Inelastic levels



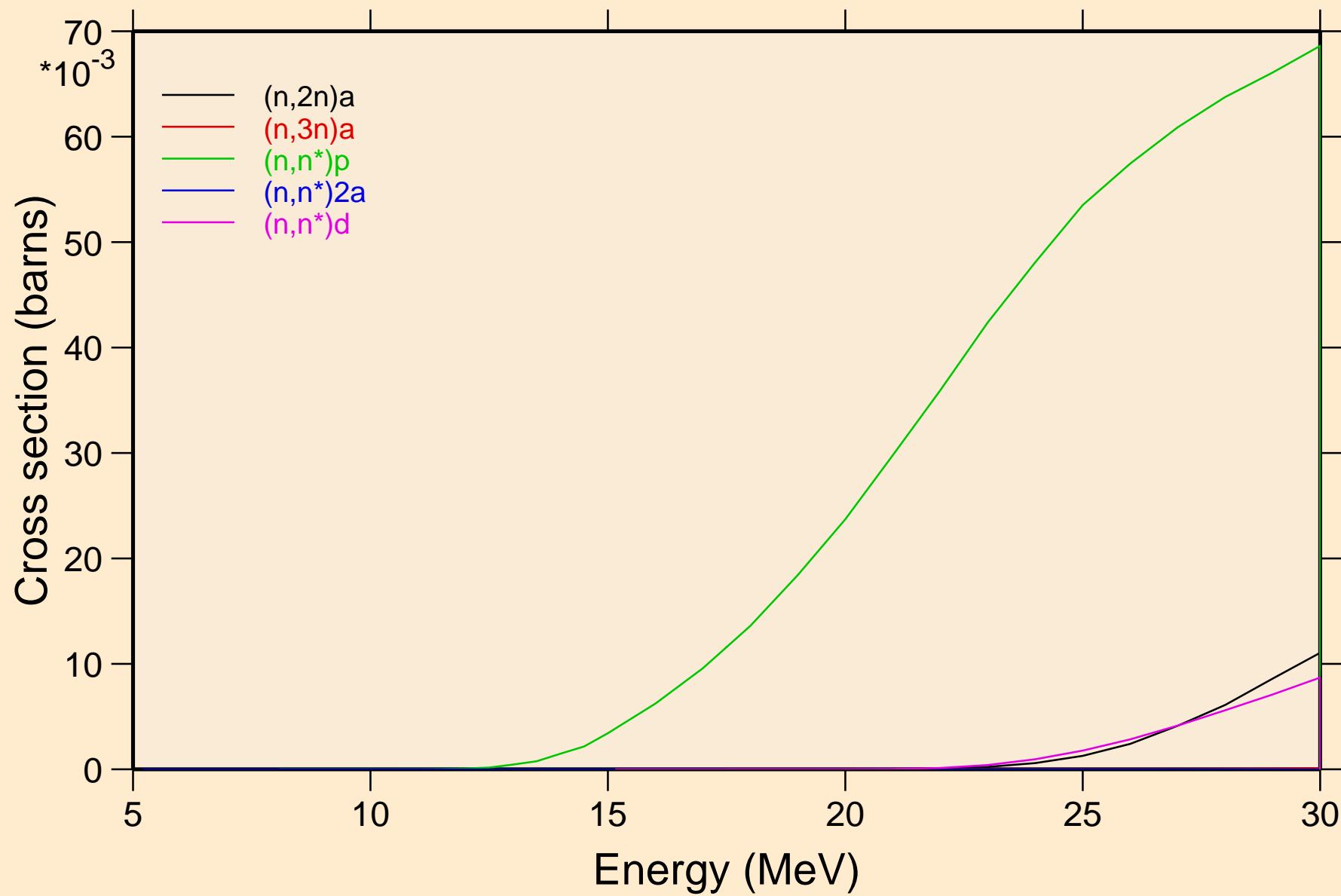
# TE122 NRG TENDL-2015, AKONING

## Threshold reactions



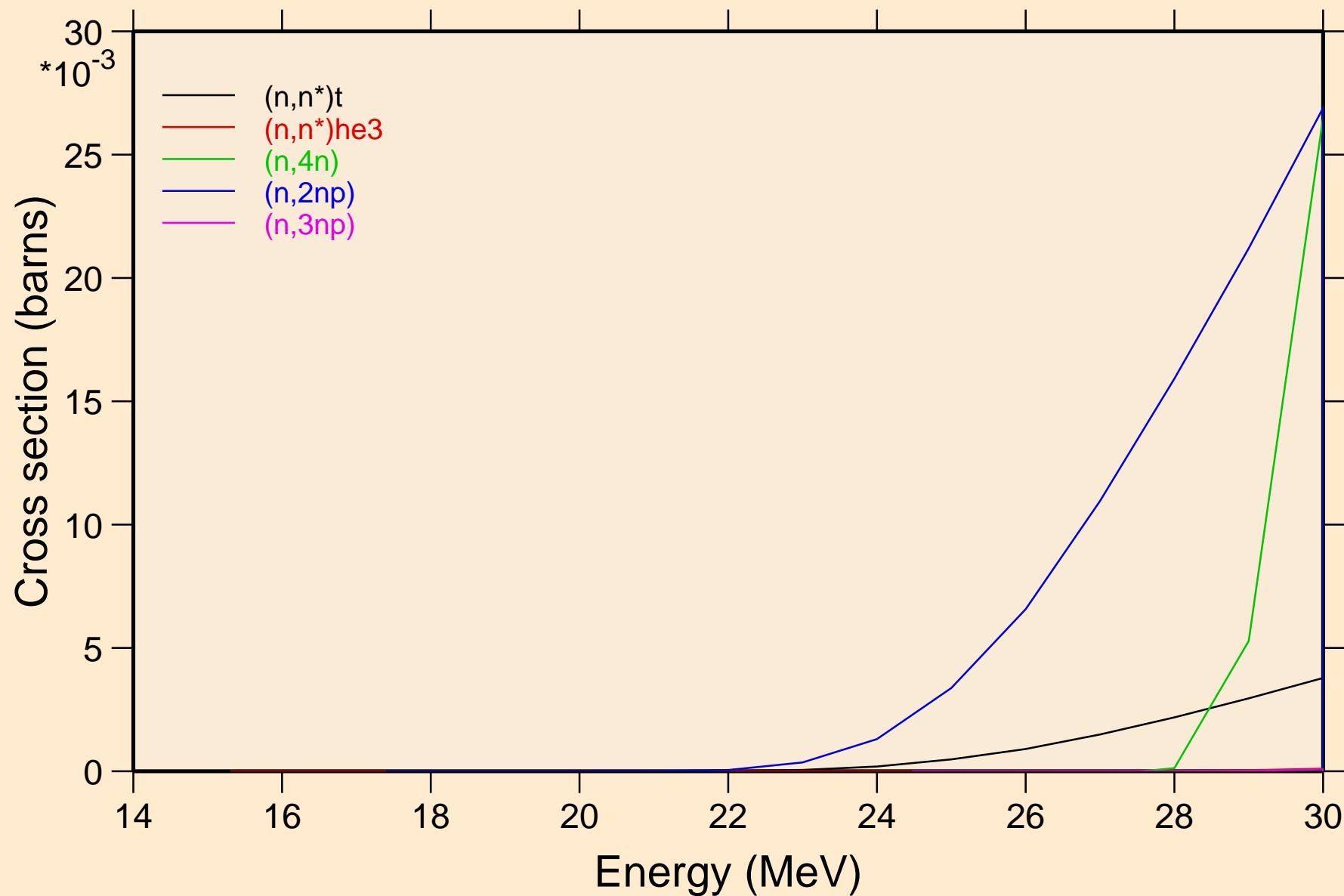
# TE122 NRG TENDL-2015, AKONING

## Threshold reactions



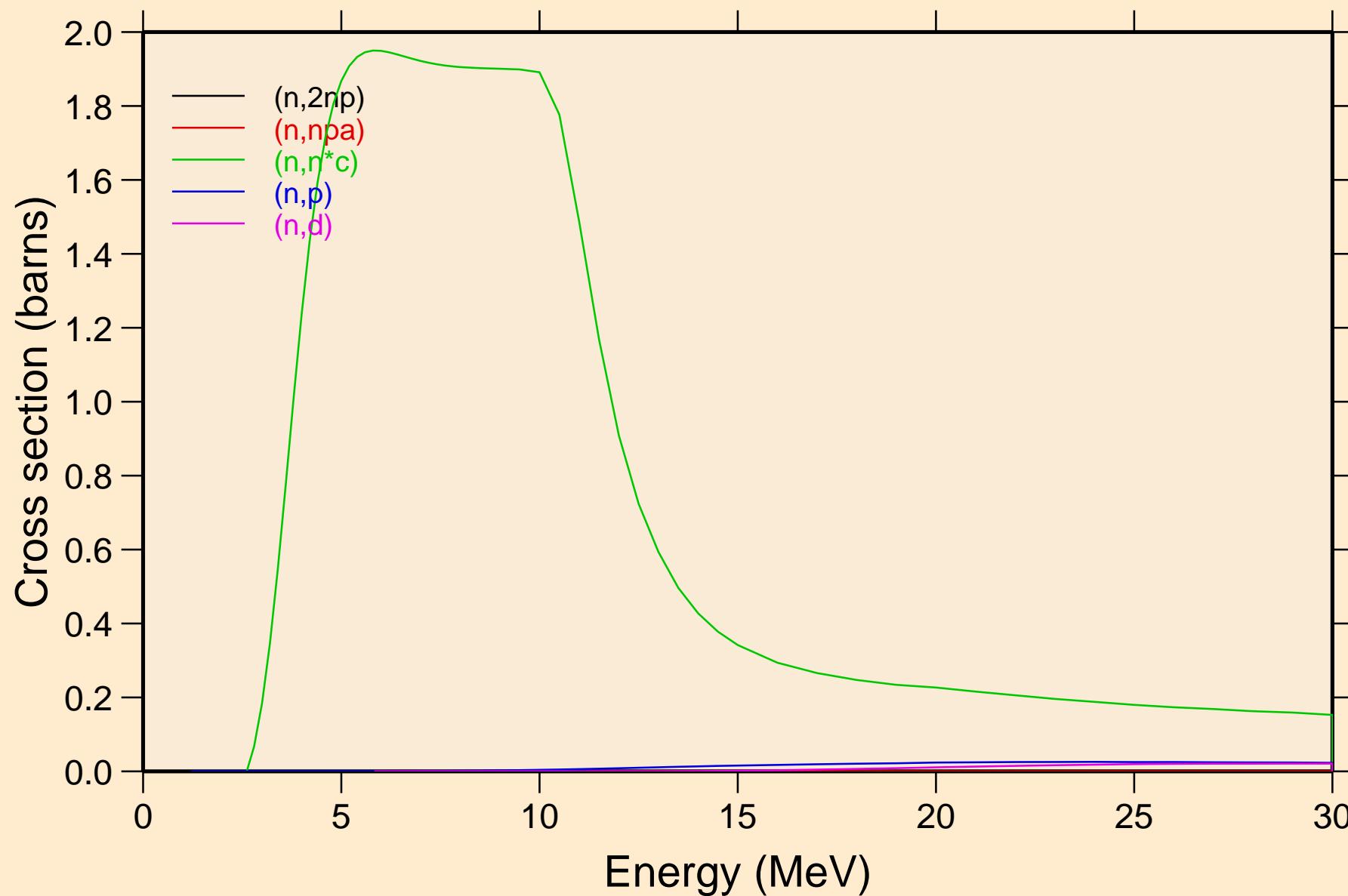
# TE122 NRG TENDL-2015, AKONING

## Threshold reactions



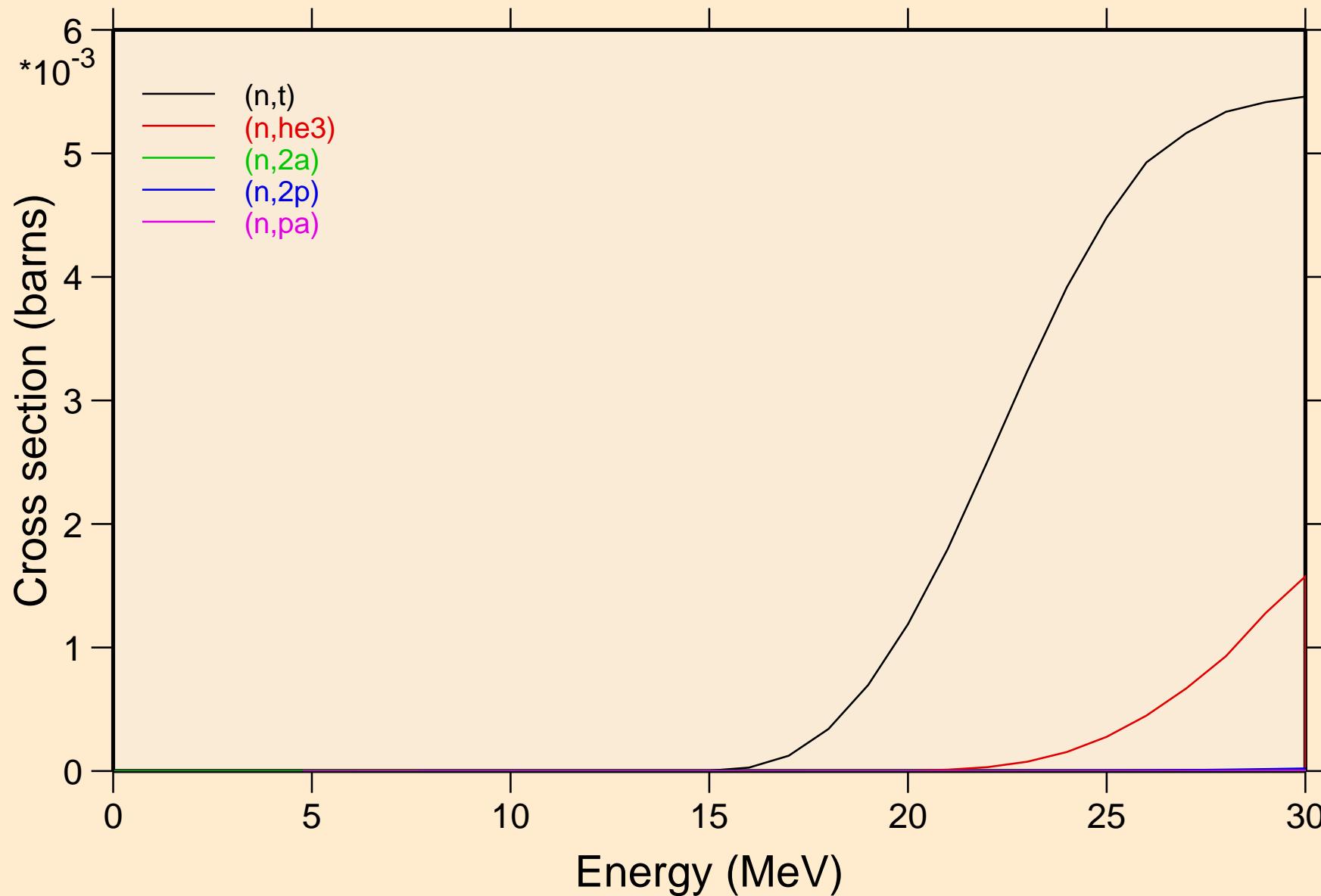
# TE122 NRG TENDL-2015, AKONING

## Threshold reactions



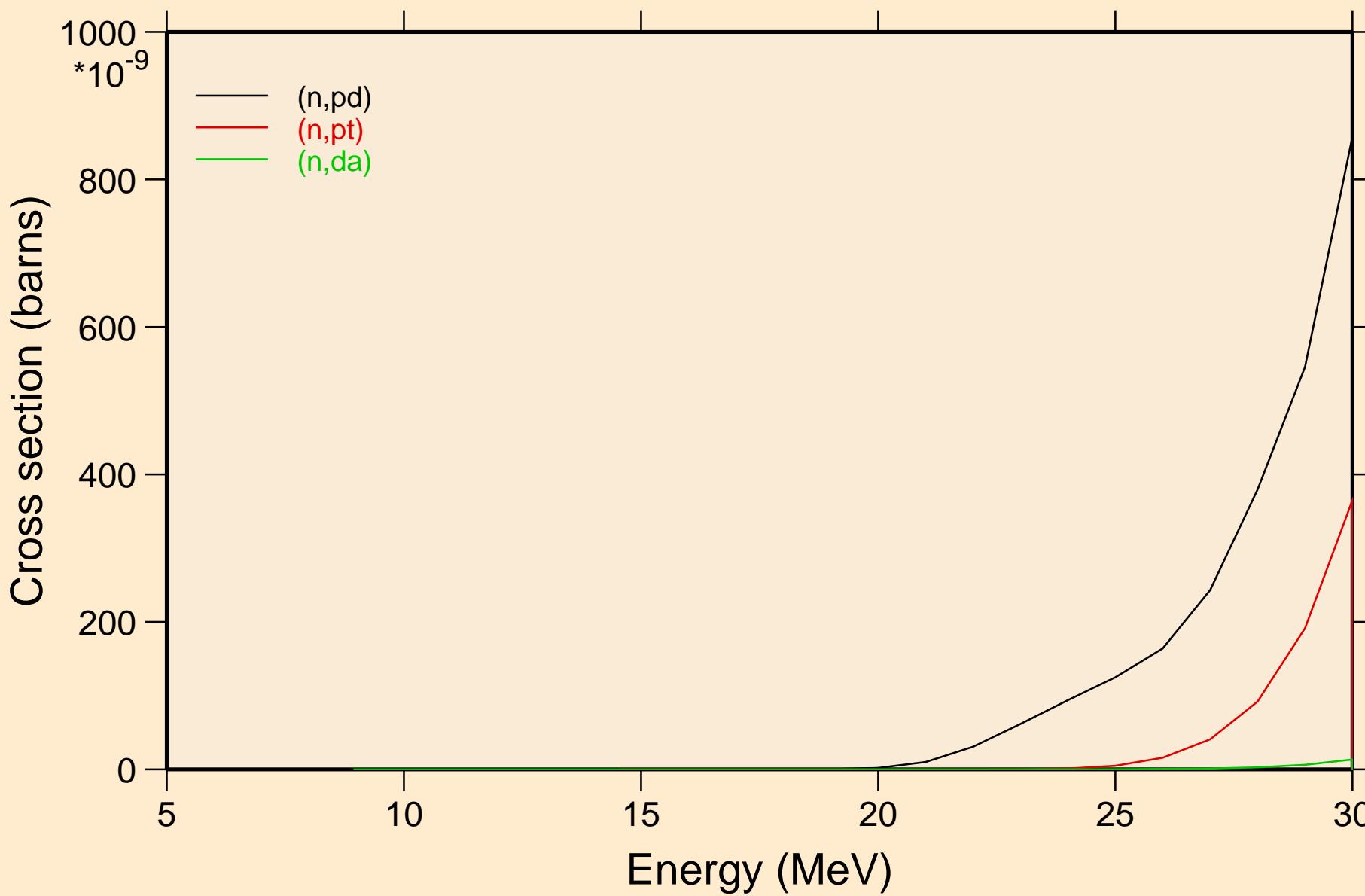
# TE122 NRG TENDL-2015, AKONING

## Threshold reactions

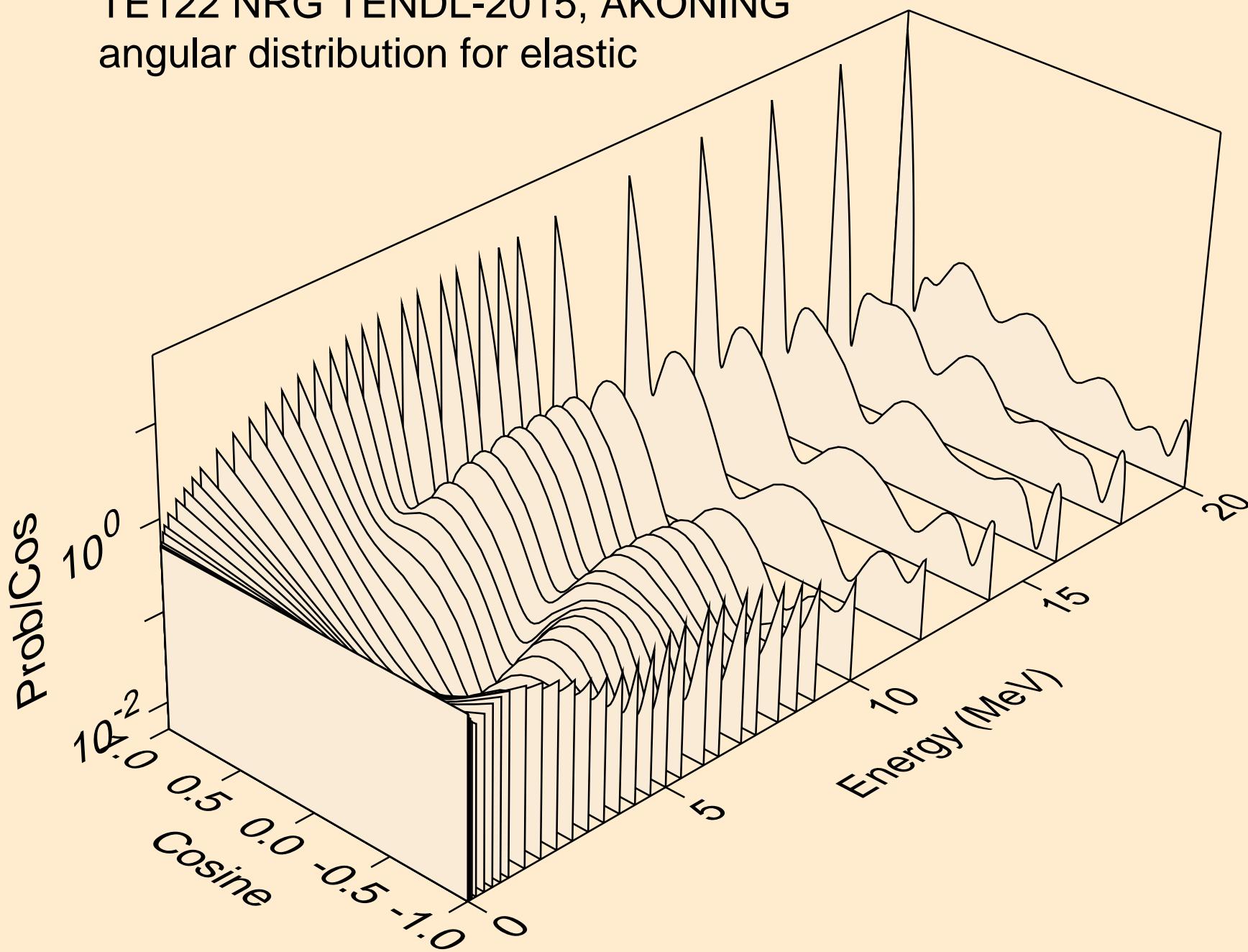


# TE122 NRG TENDL-2015, AKONING

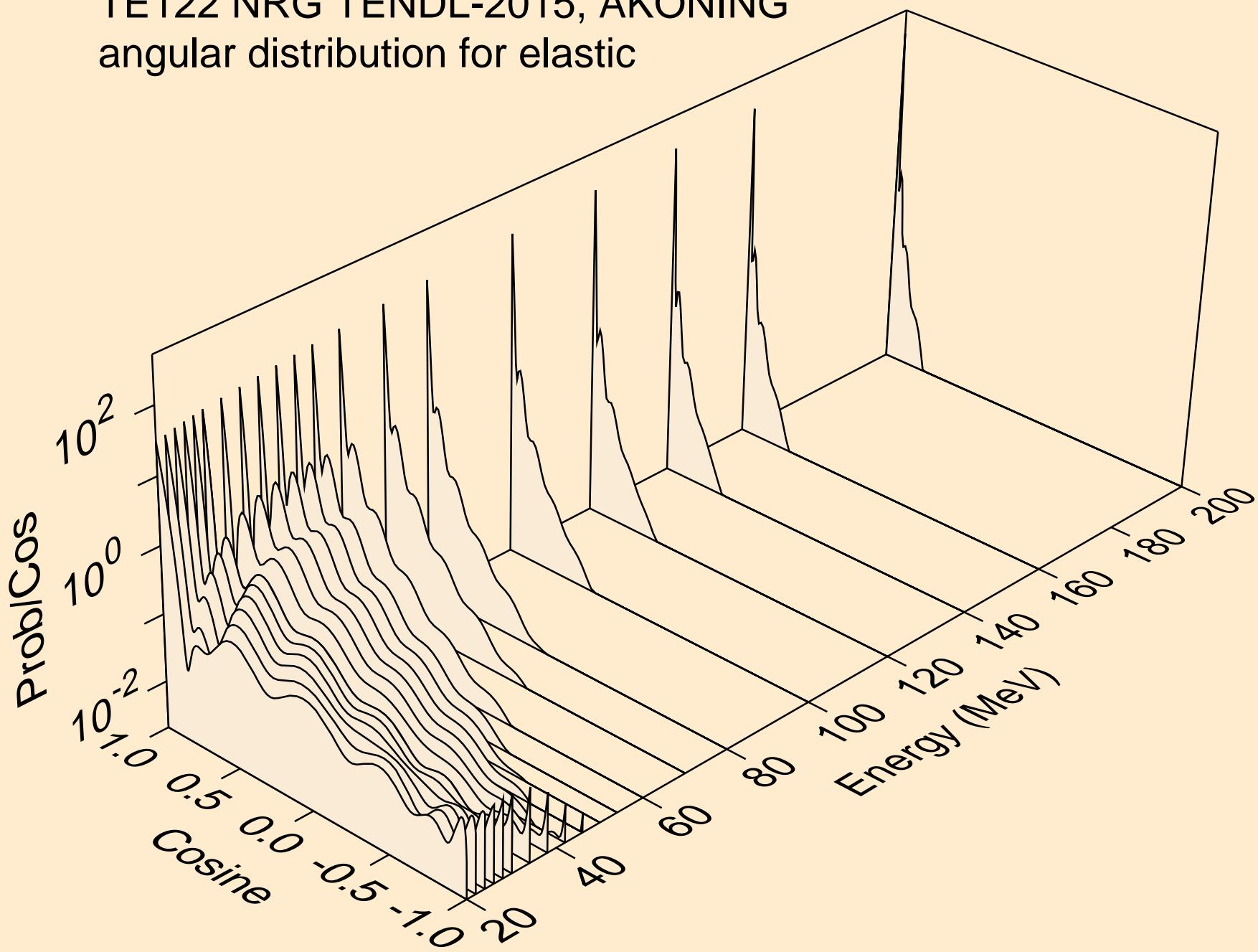
## Threshold reactions



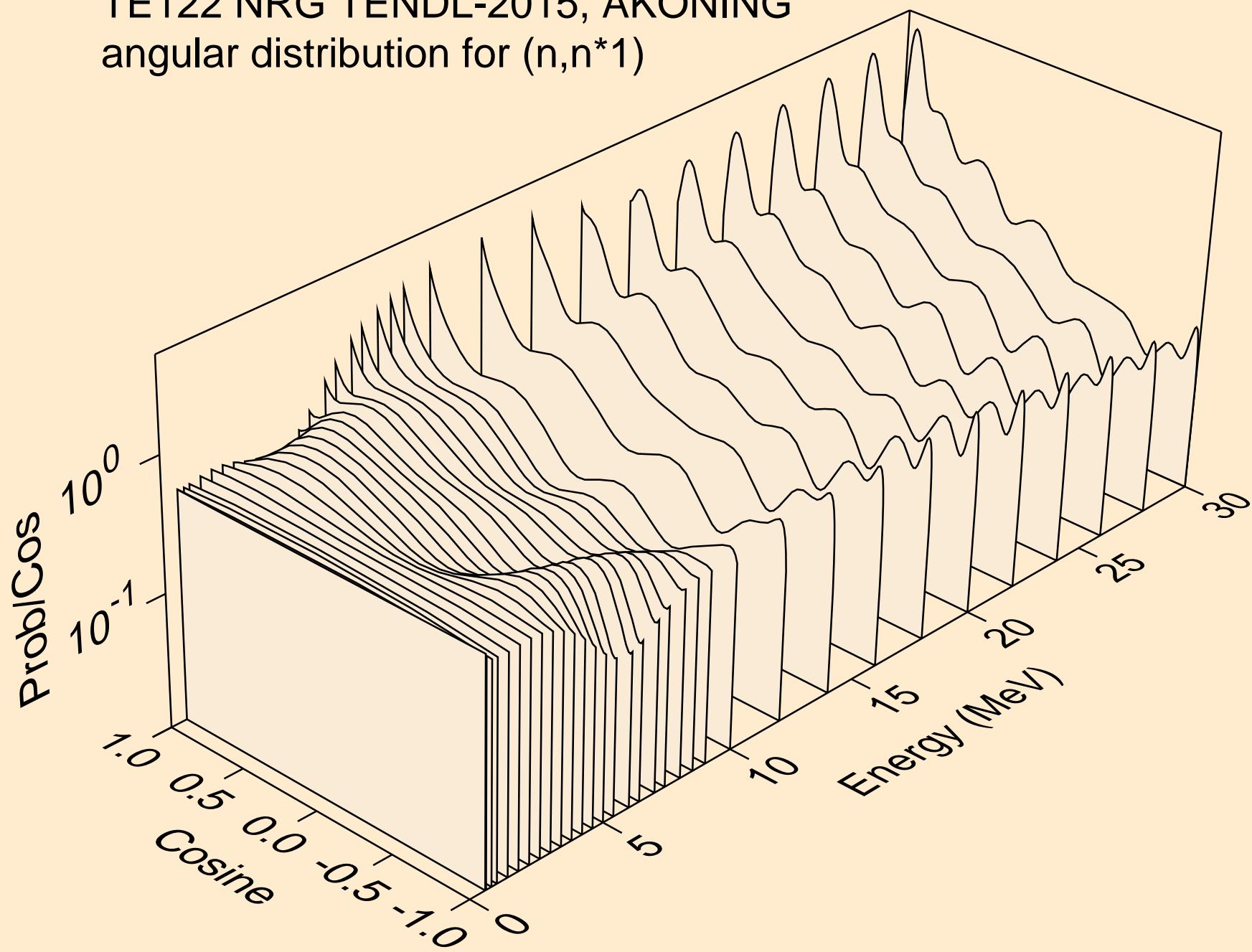
TE122 NRG TENDL-2015, AKONING  
angular distribution for elastic



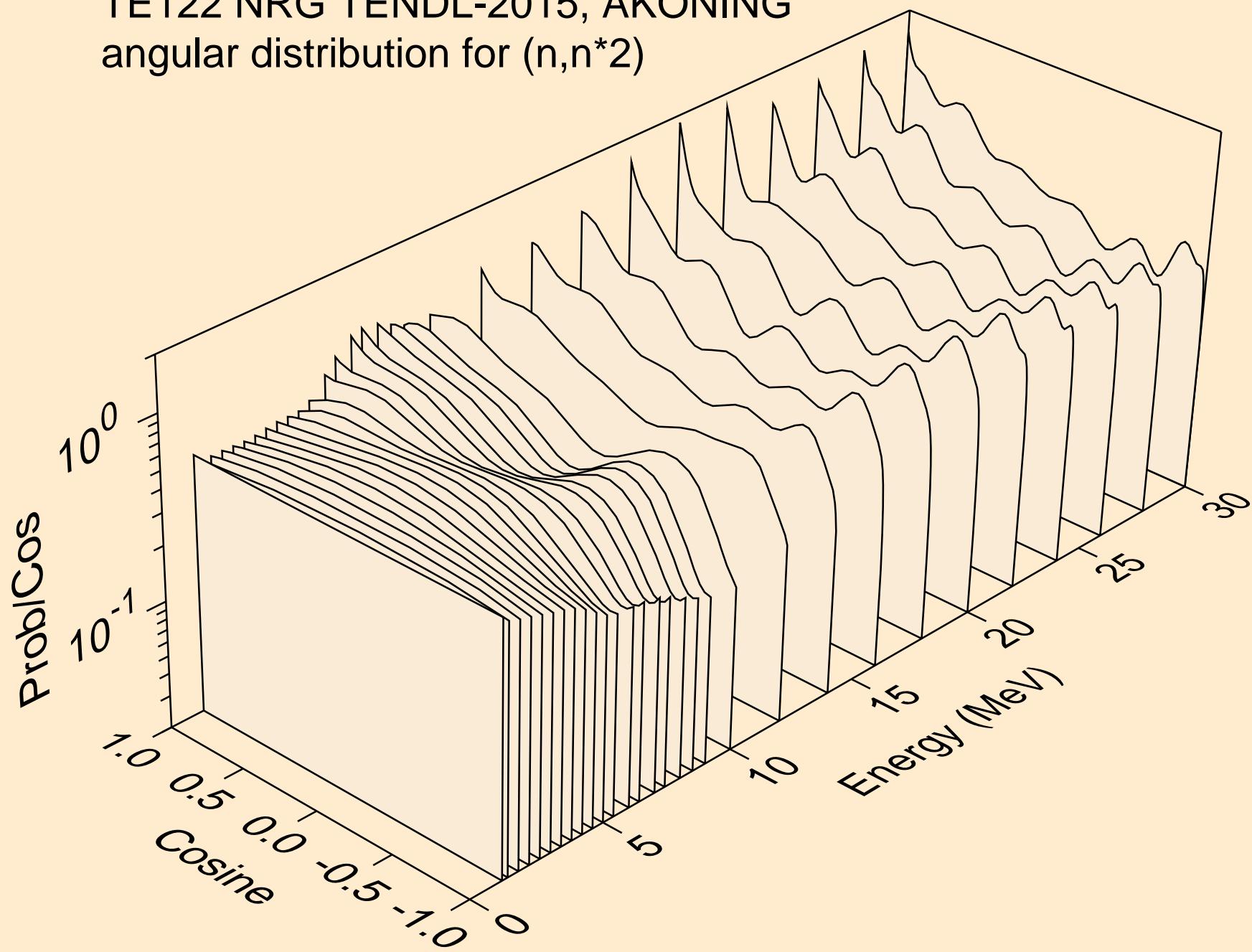
TE122 NRG TENDL-2015, AKONING  
angular distribution for elastic



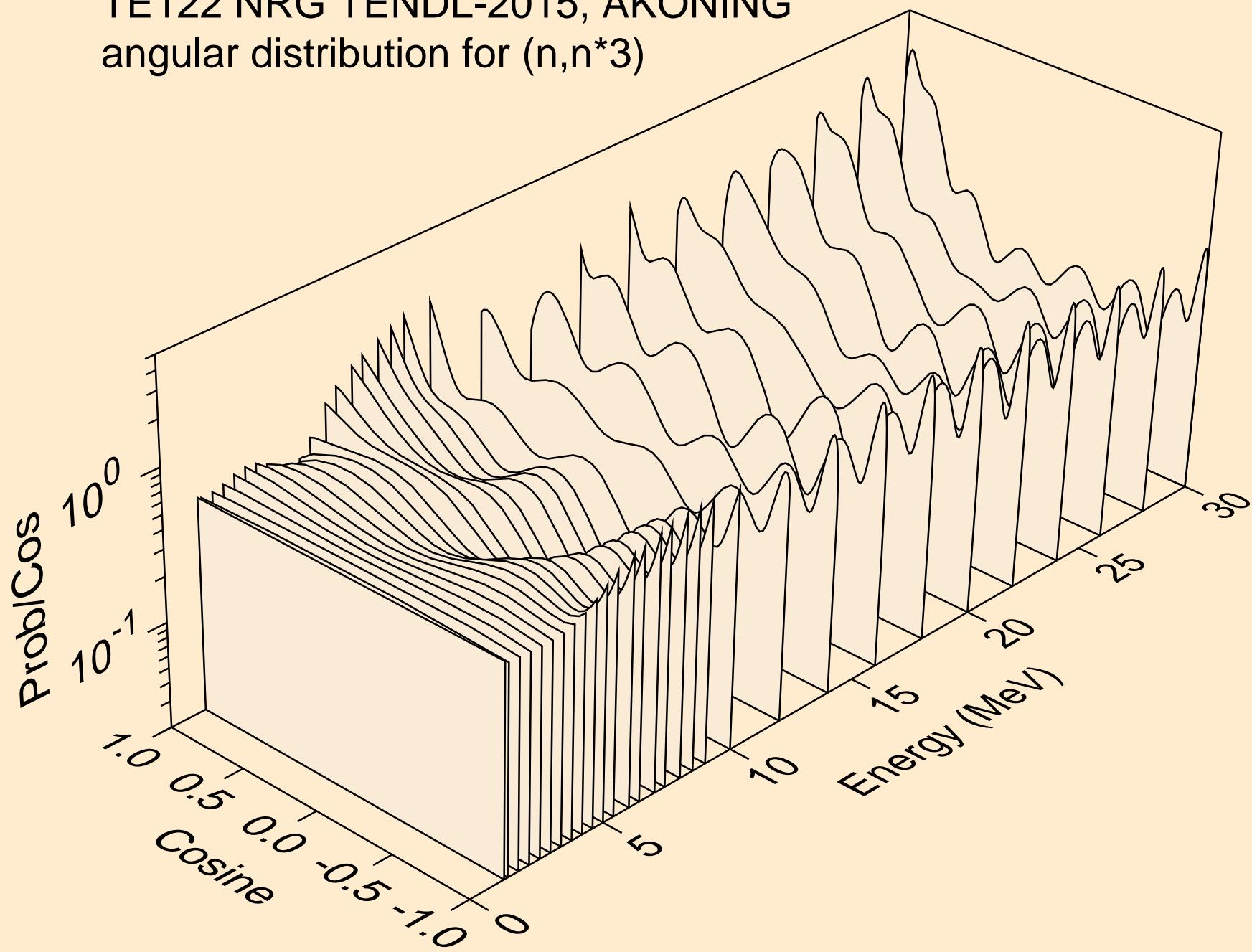
TE122 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



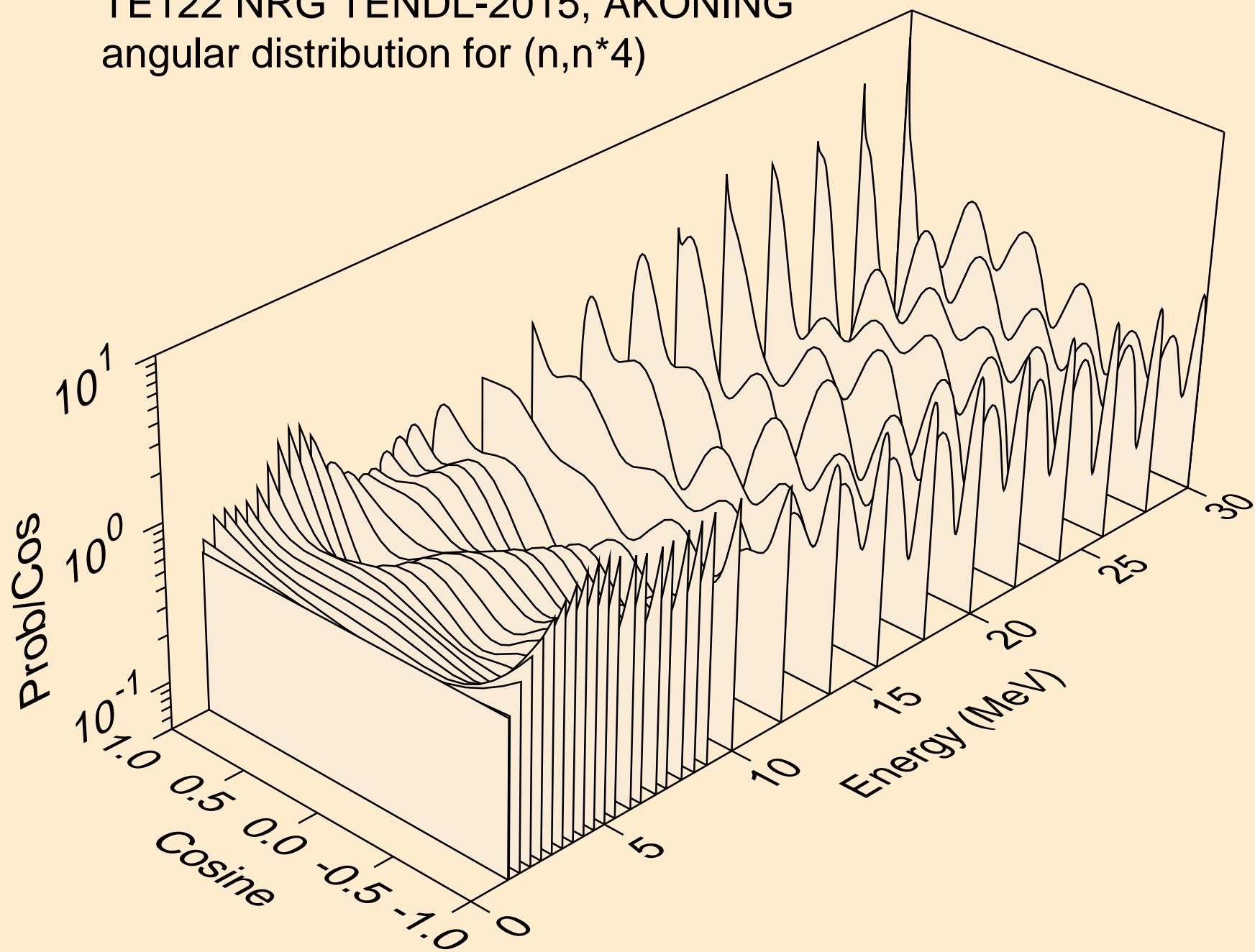
TE122 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^2$



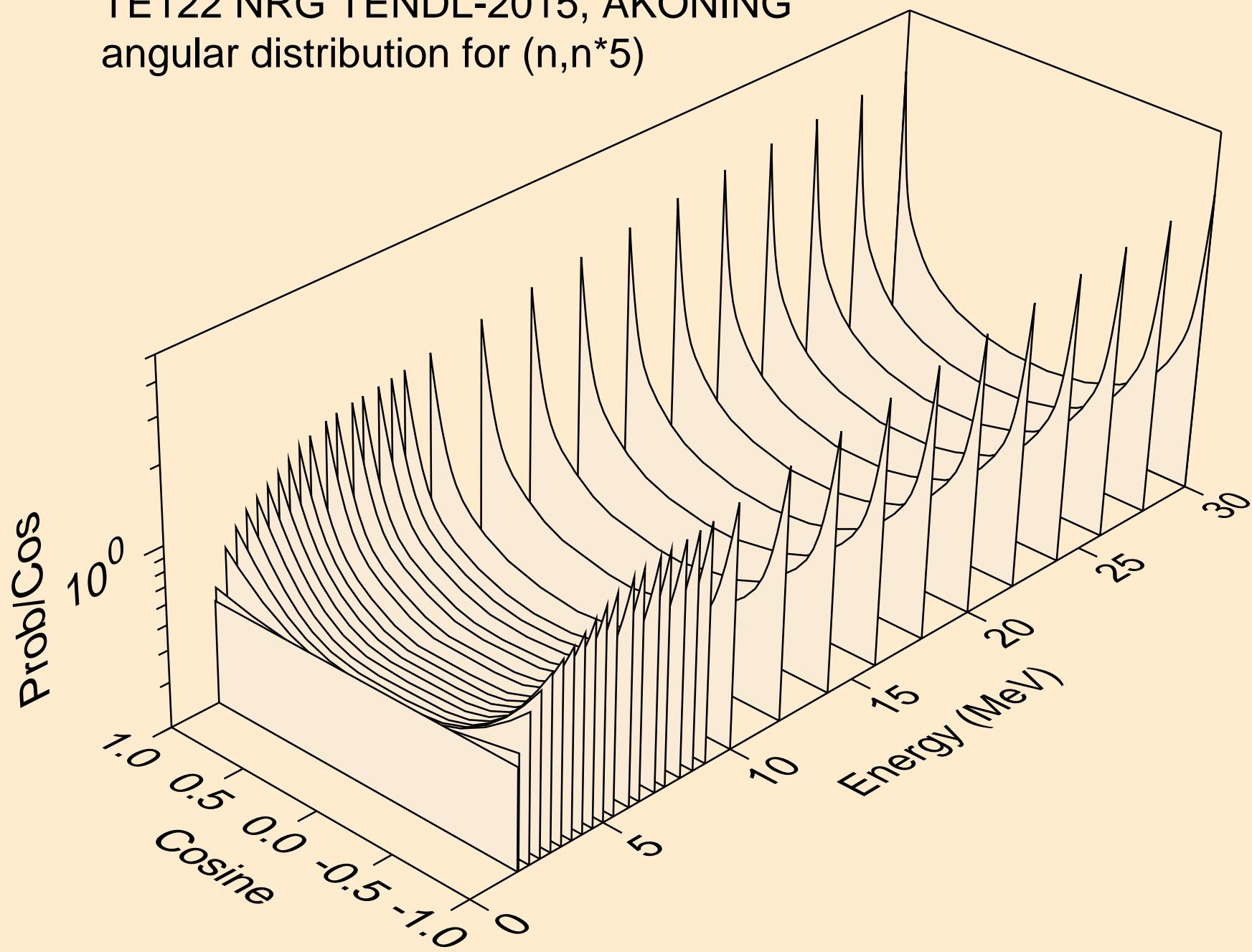
TE122 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*3)$



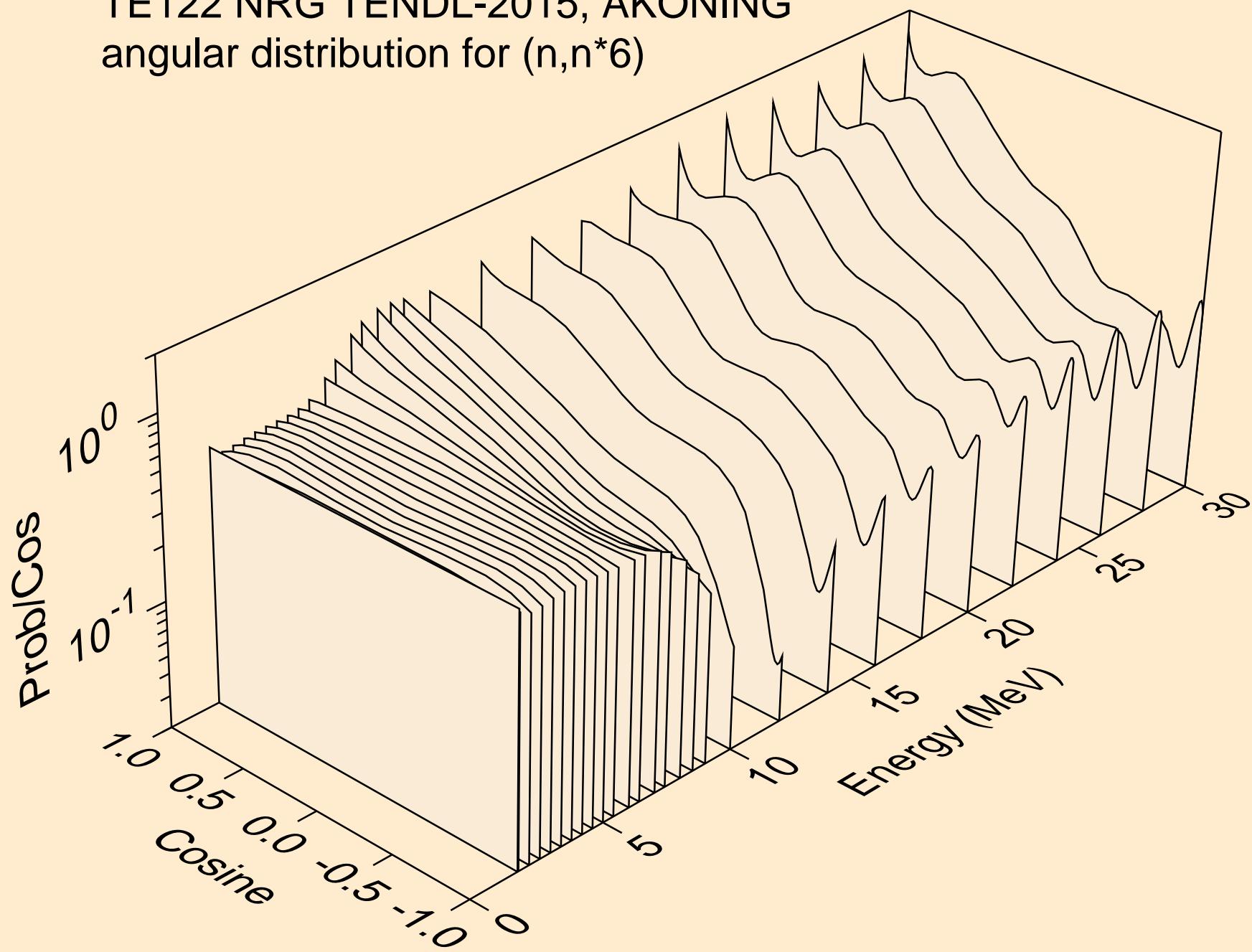
TE122 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*4)$



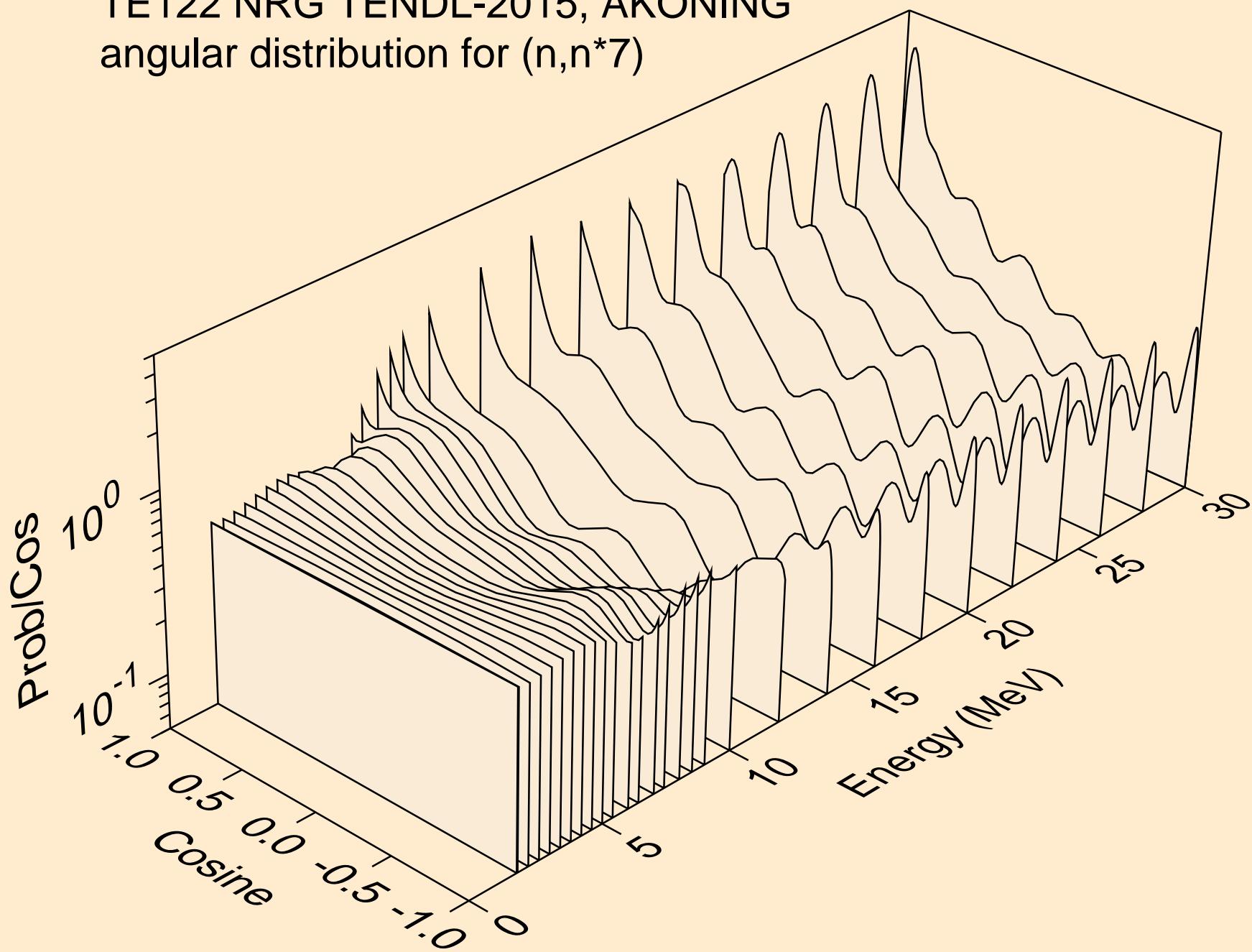
TE122 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^5$



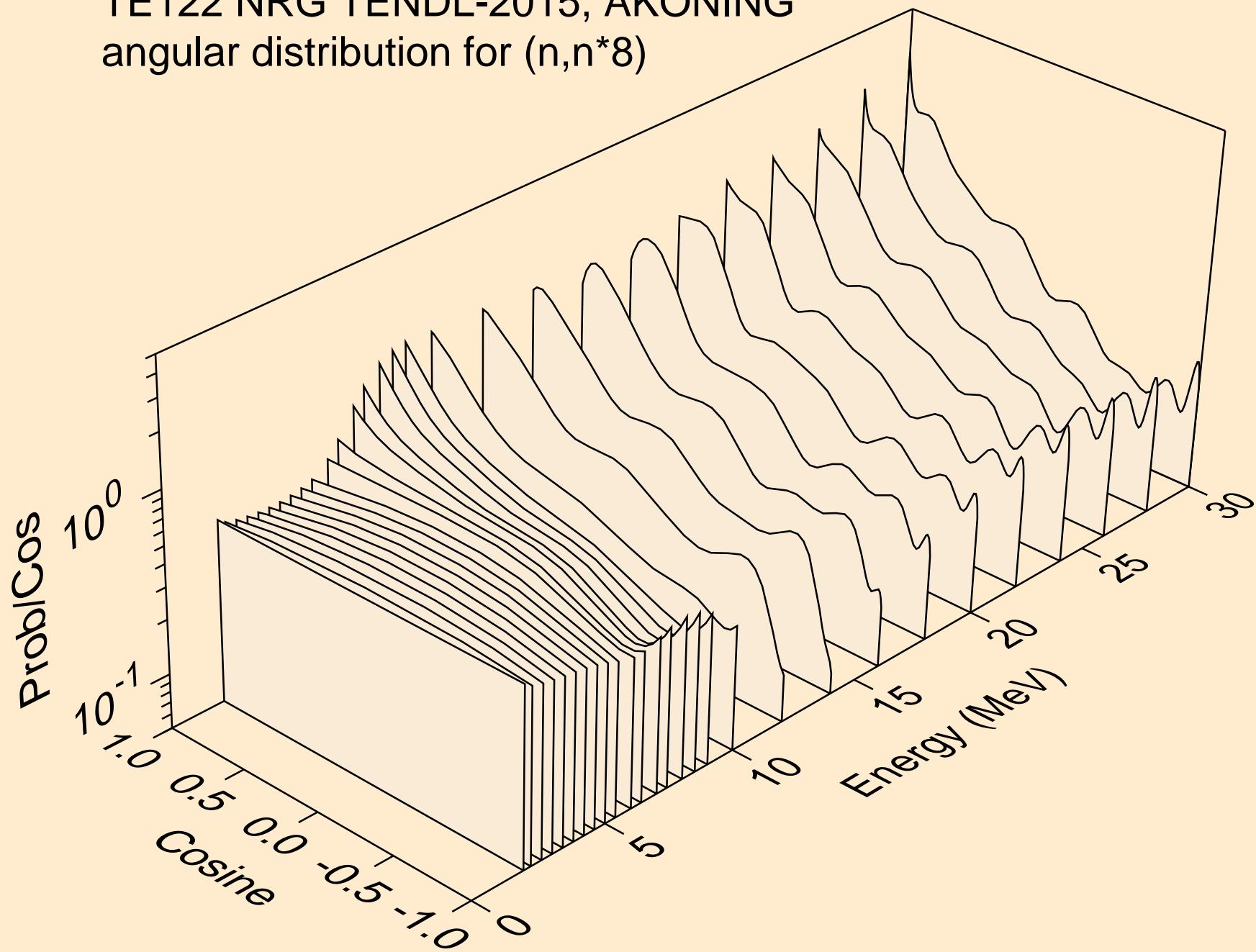
TE122 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*6)$



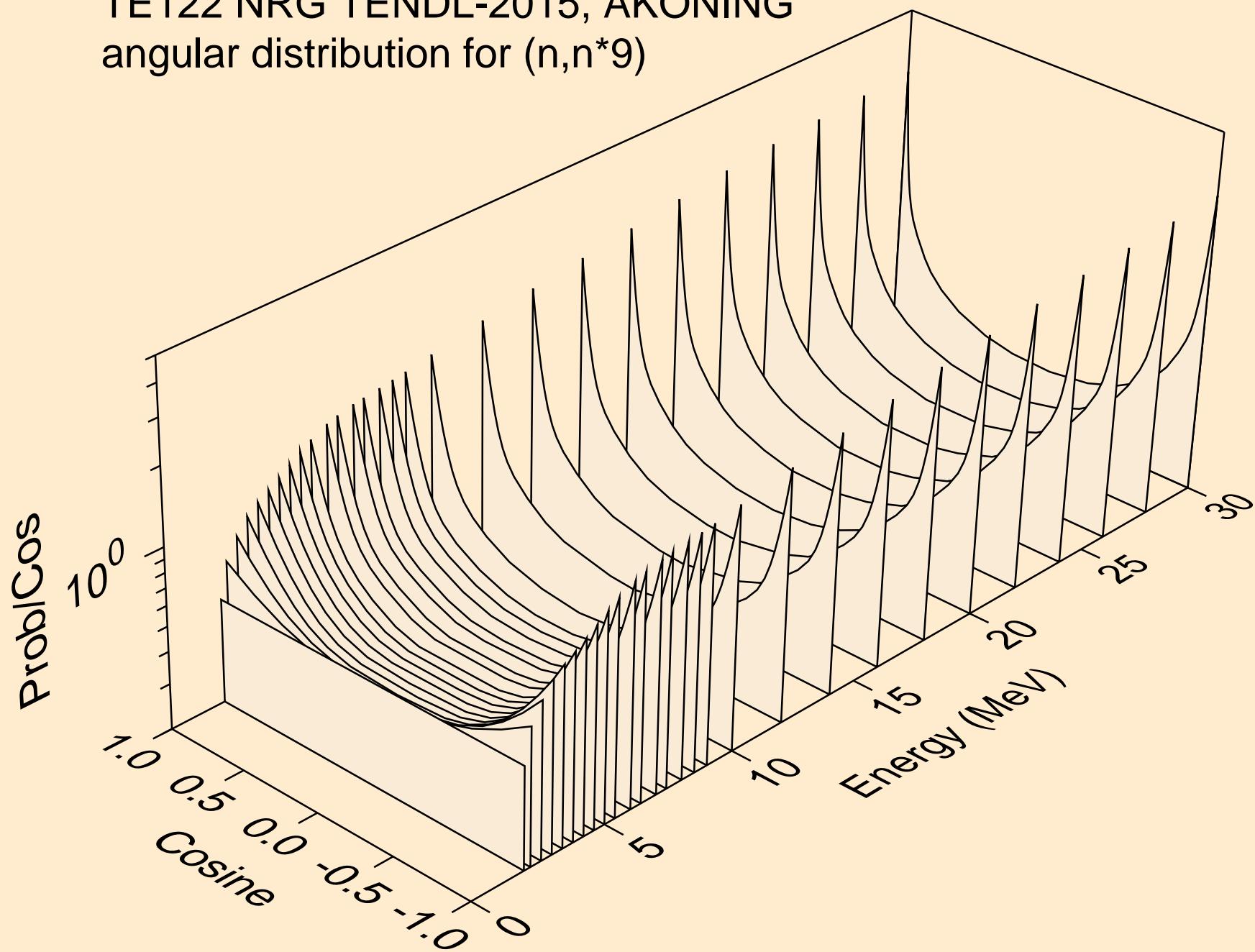
TE122 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)7$



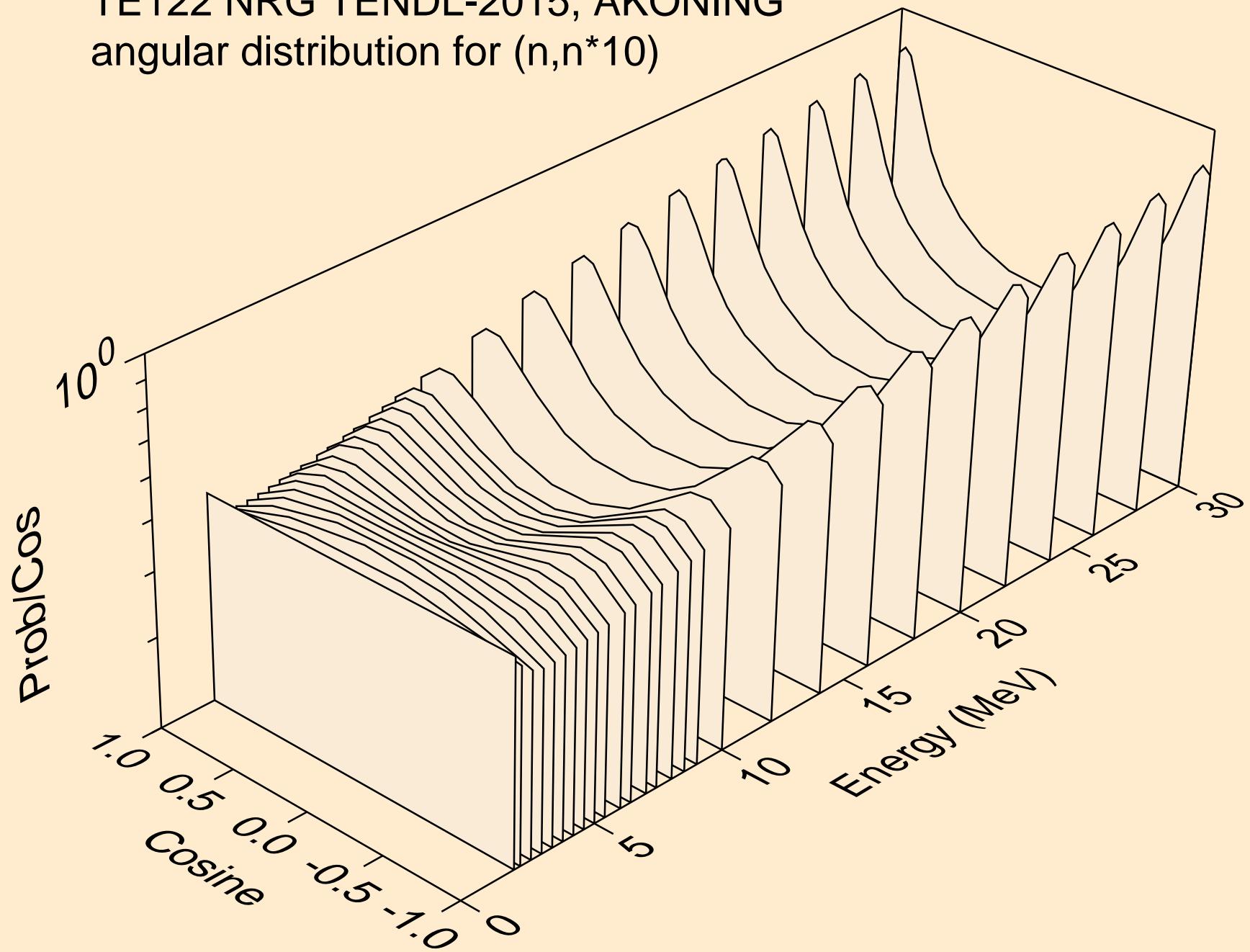
TE122 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^8$



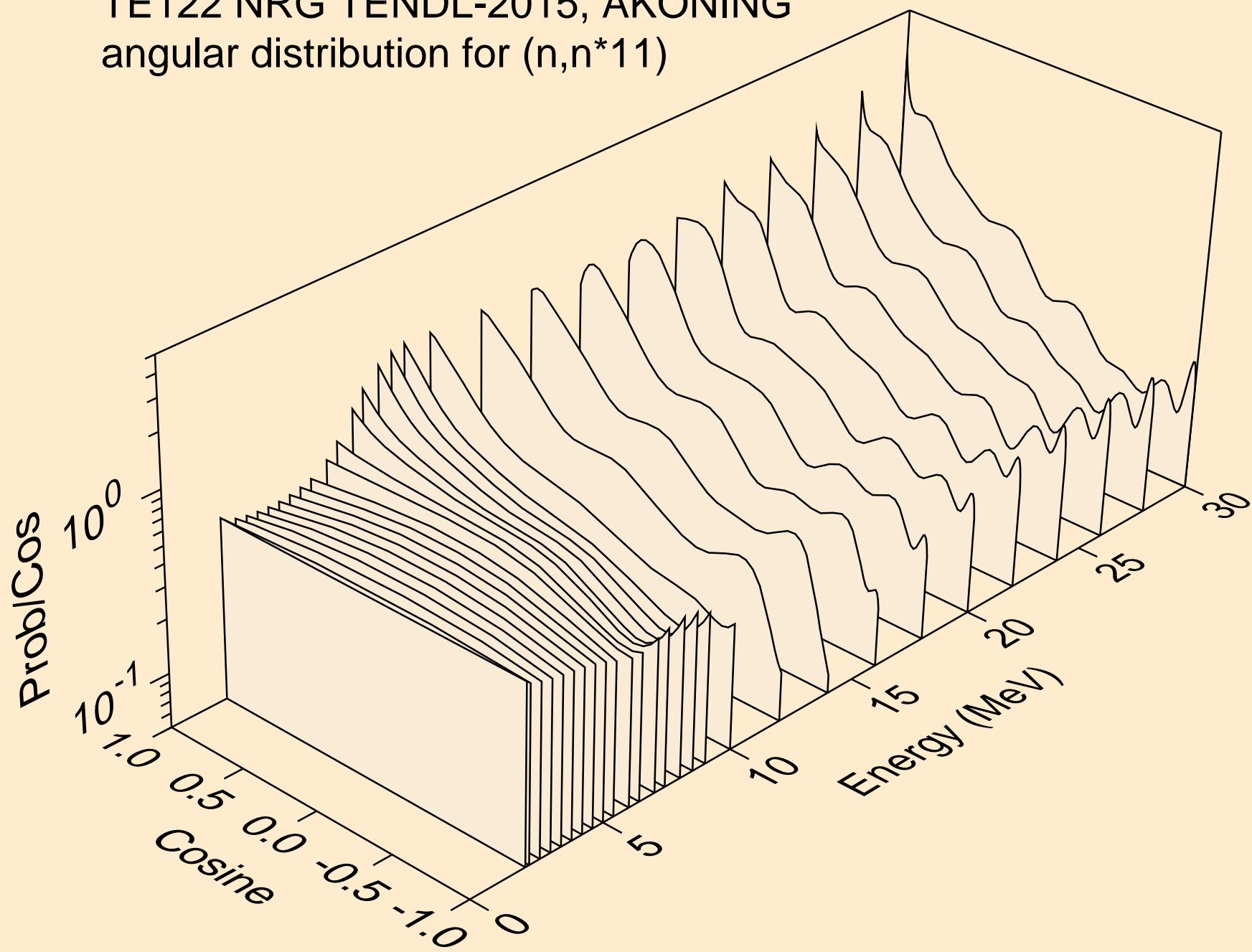
TE122 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*9)$



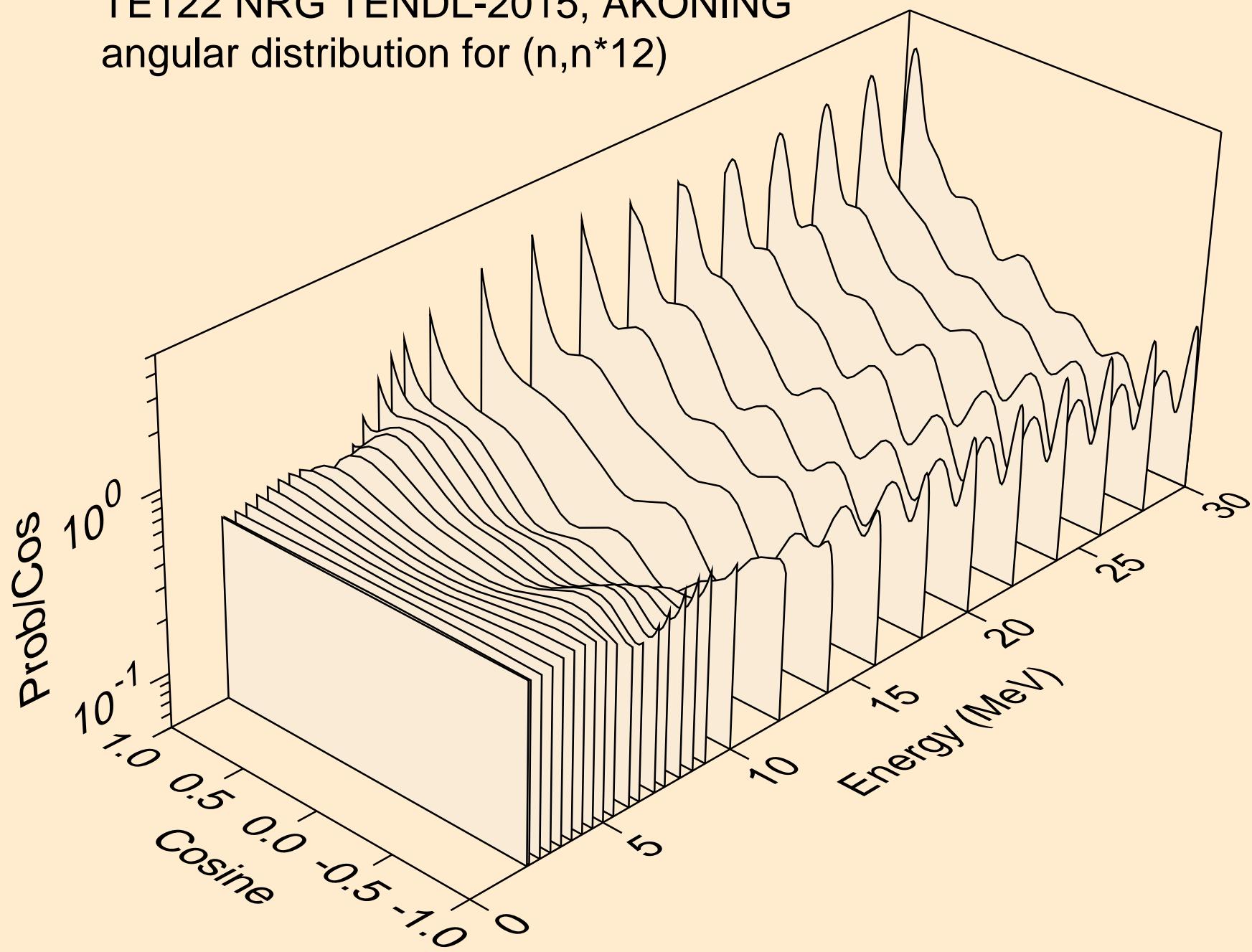
TE122 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



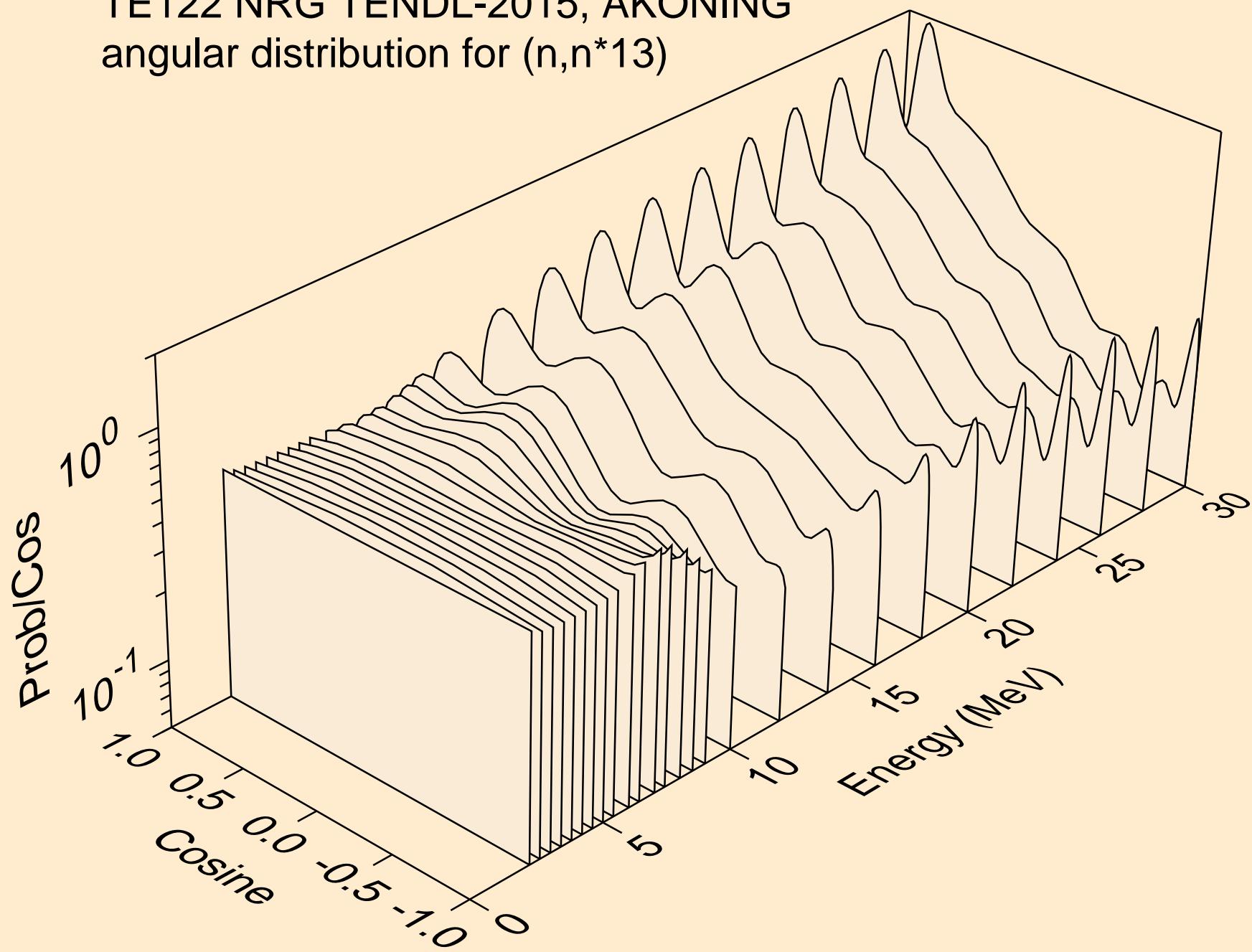
TE122 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



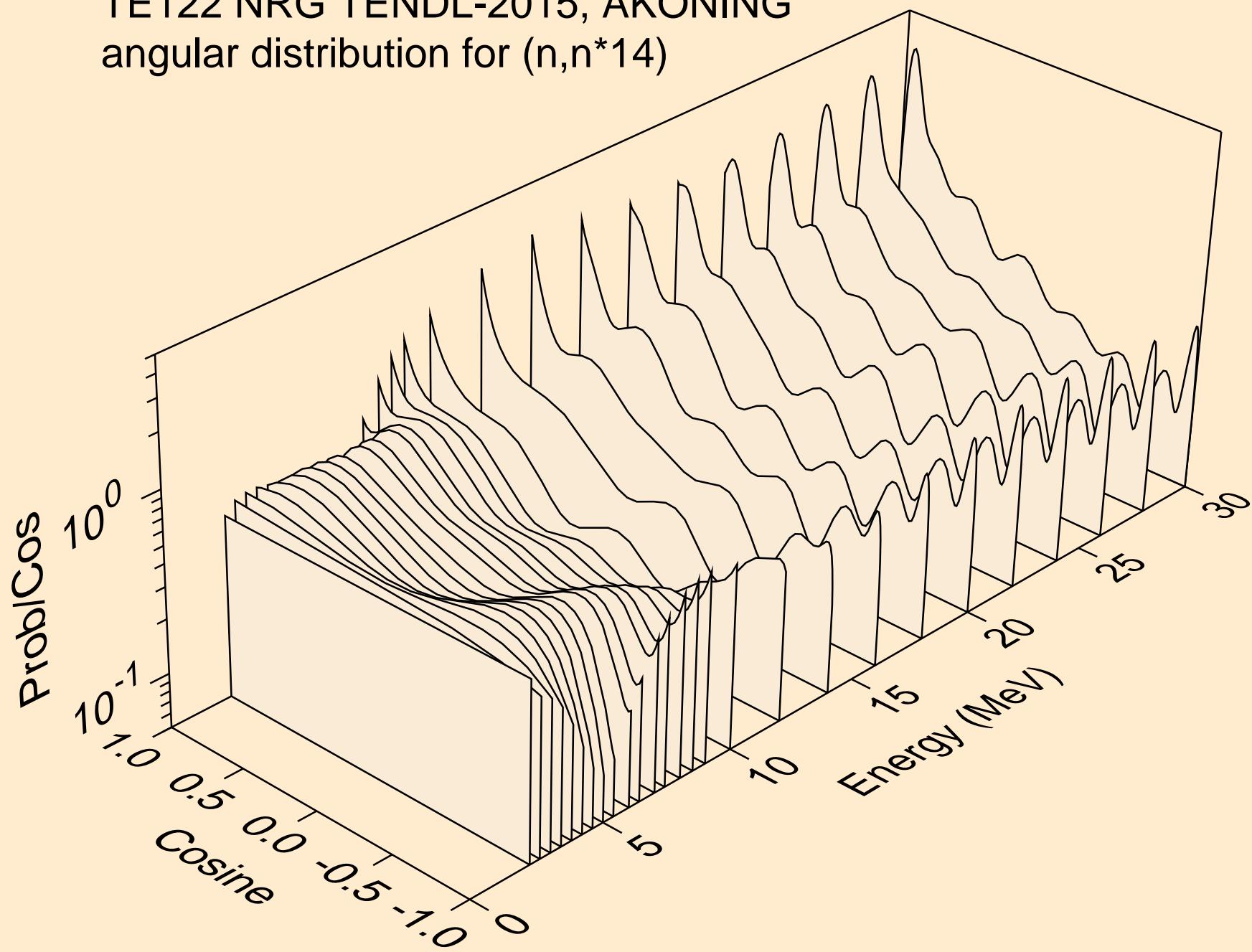
TE122 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*12)$



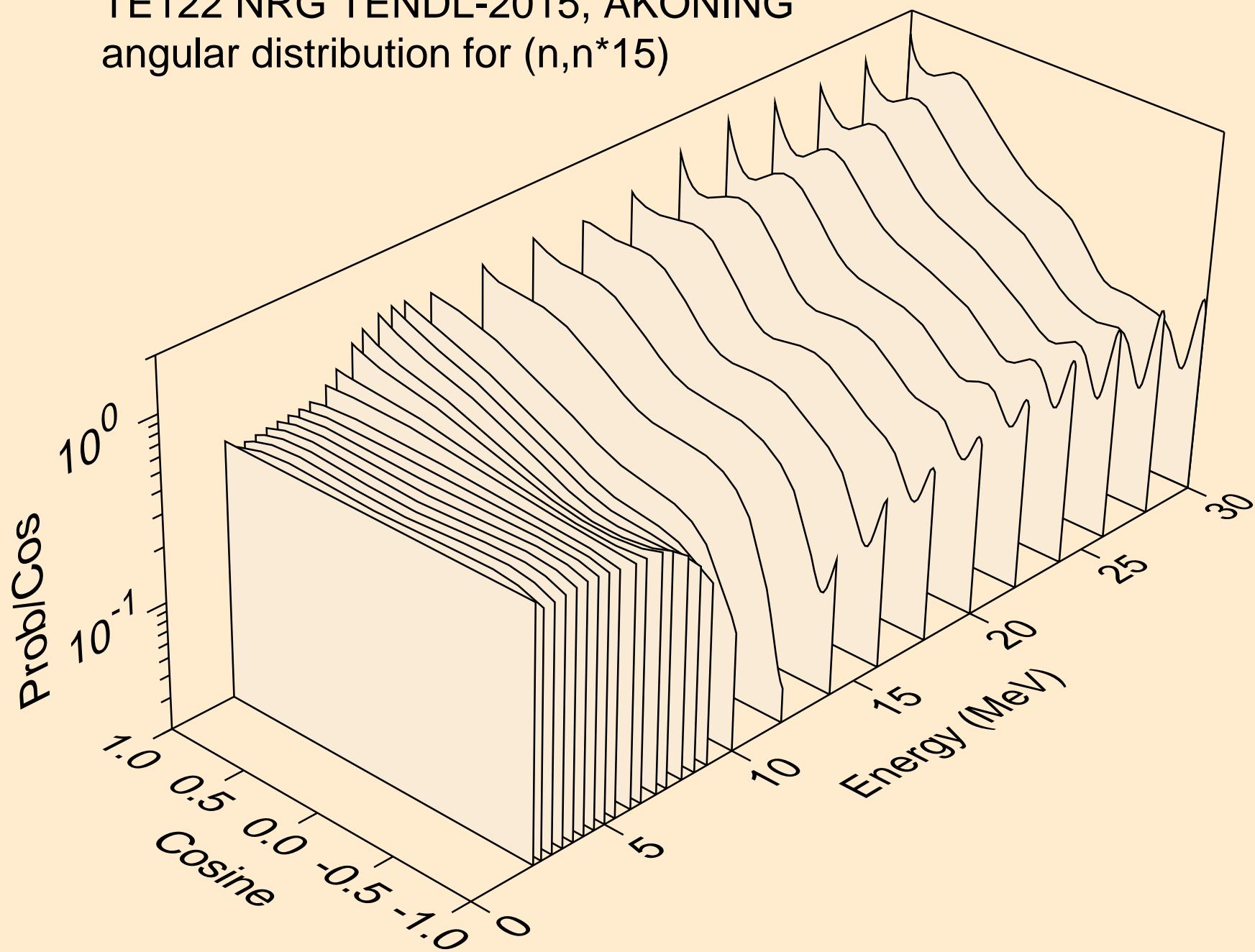
TE122 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



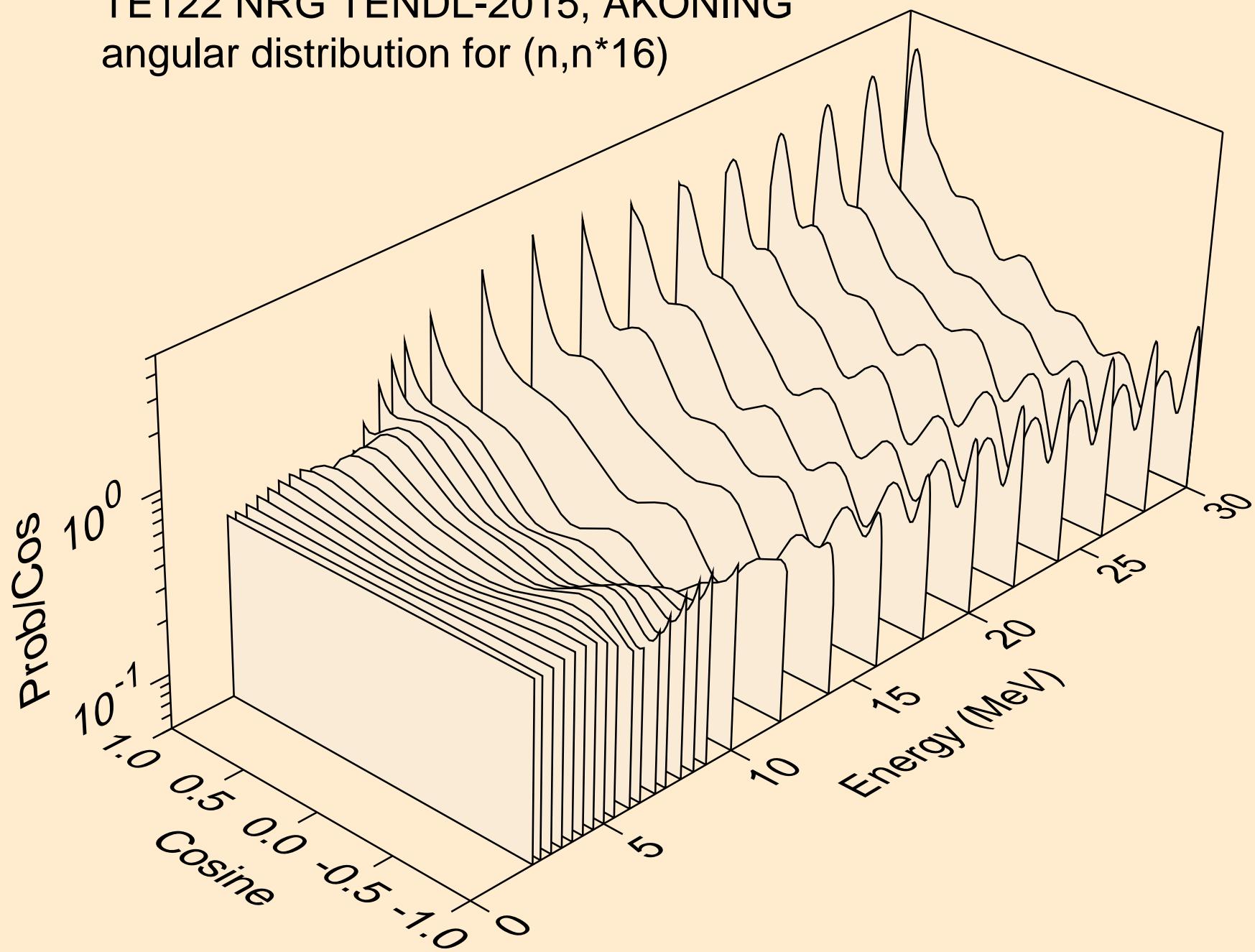
TE122 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



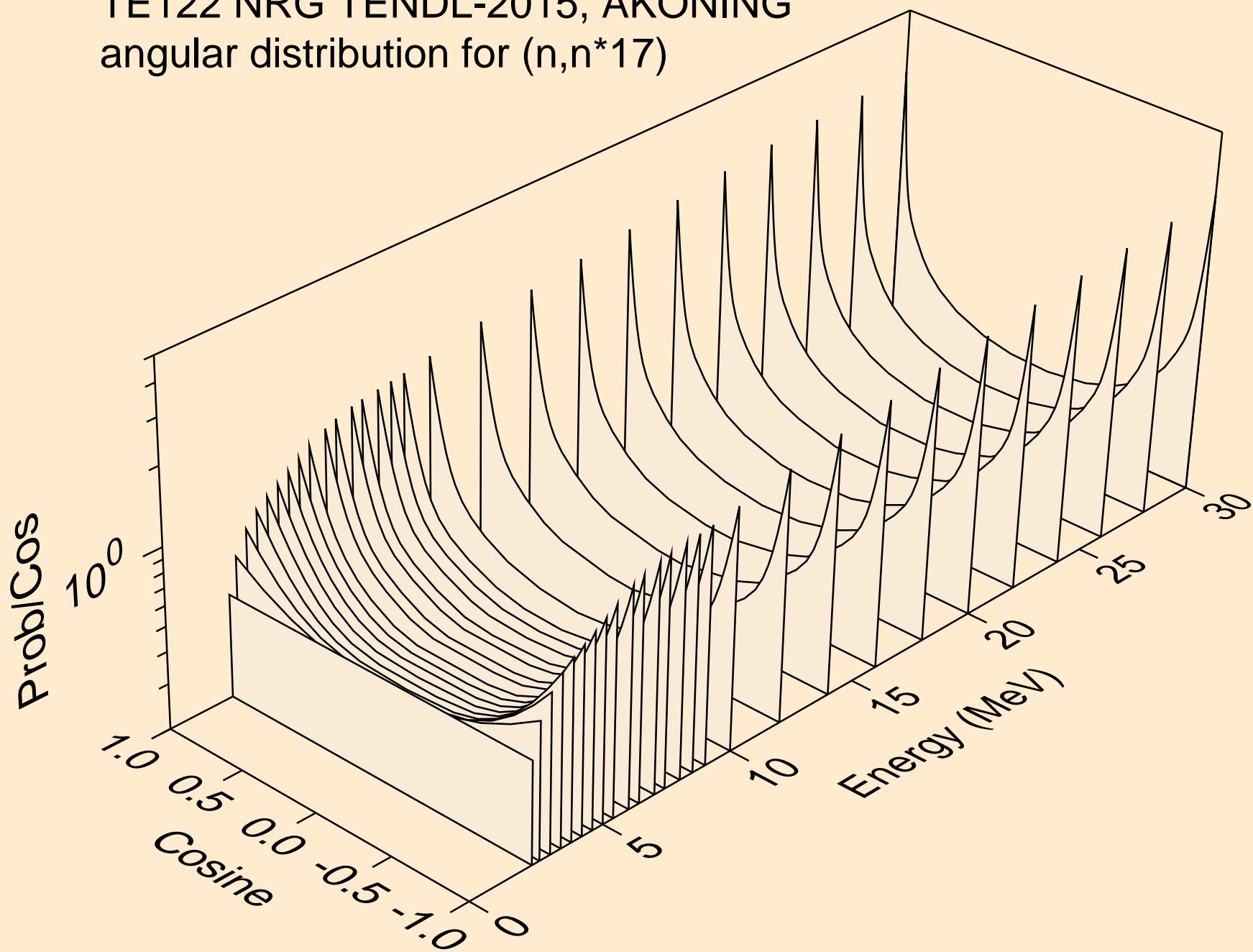
TE122 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*15)$



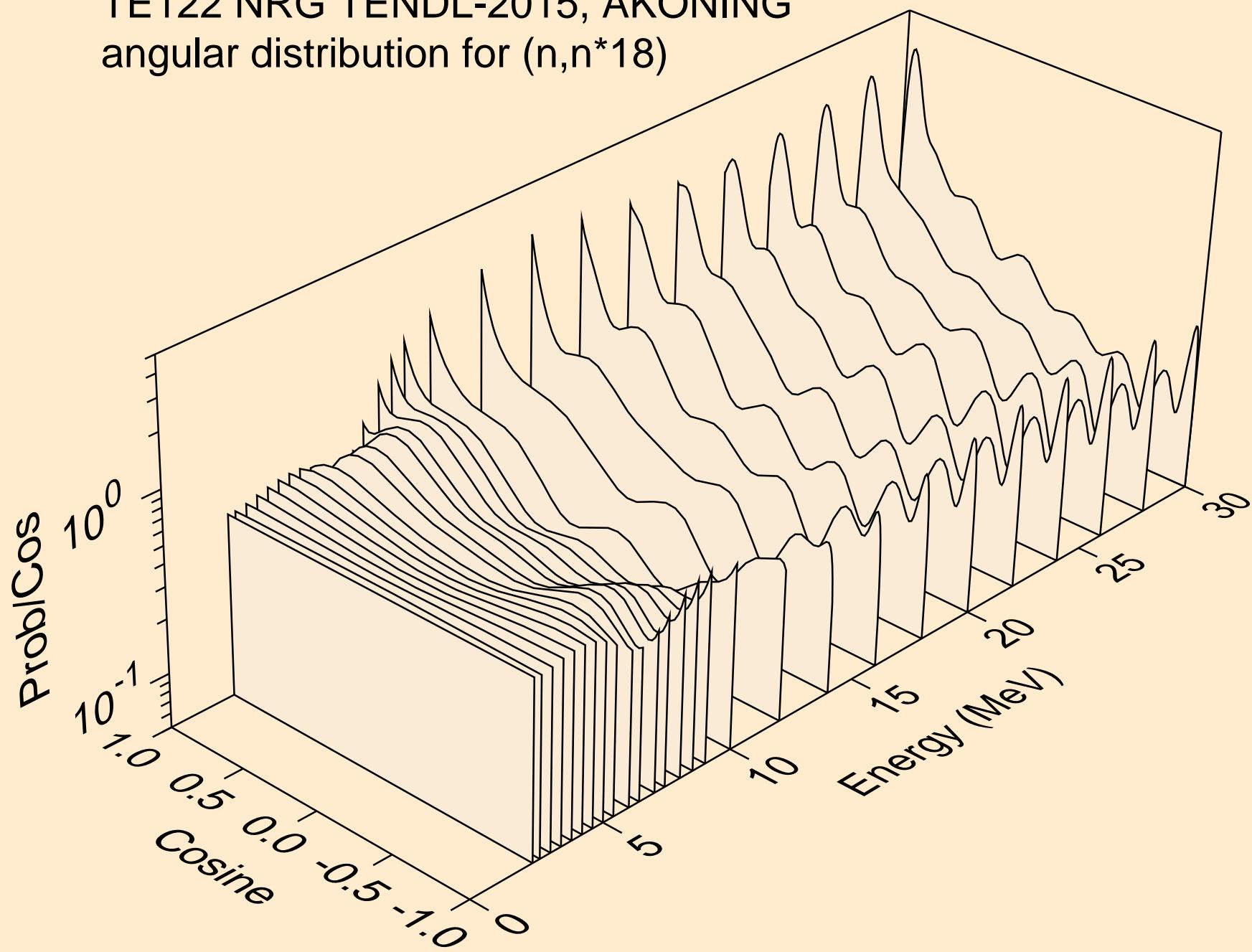
TE122 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



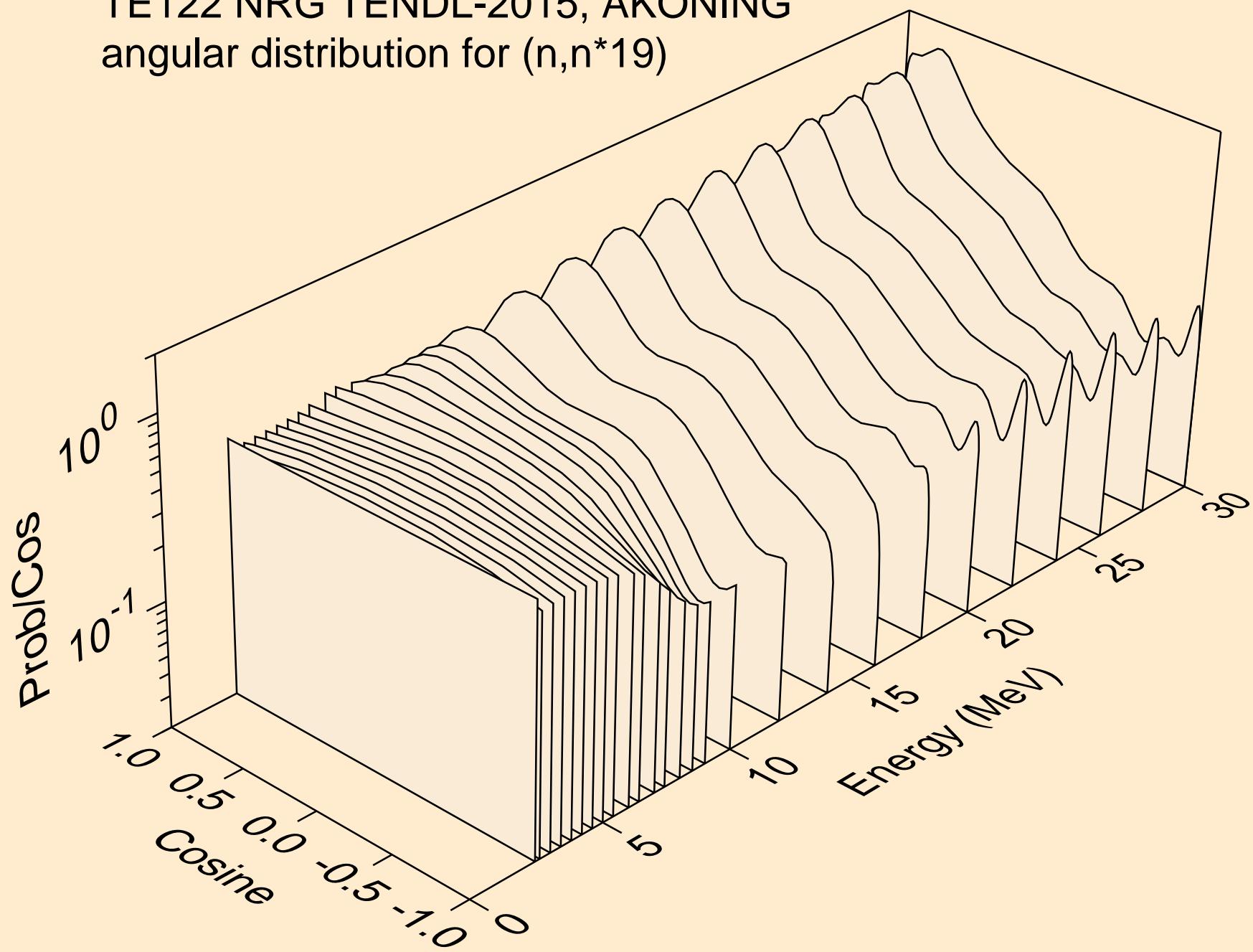
TE122 NRG TENDL-2015, AKONING  
angular distribution for ( $n,n^*17$ )



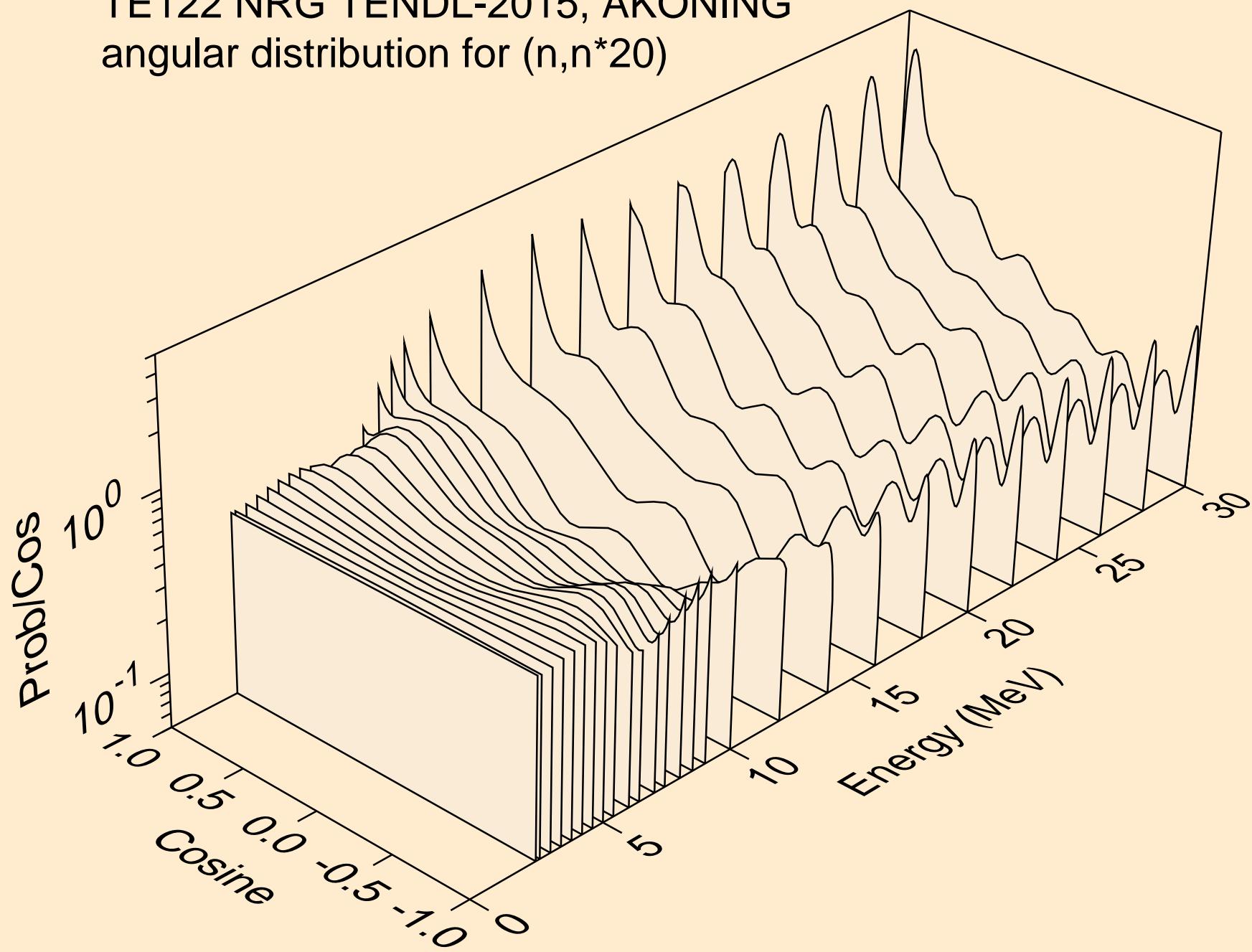
TE122 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



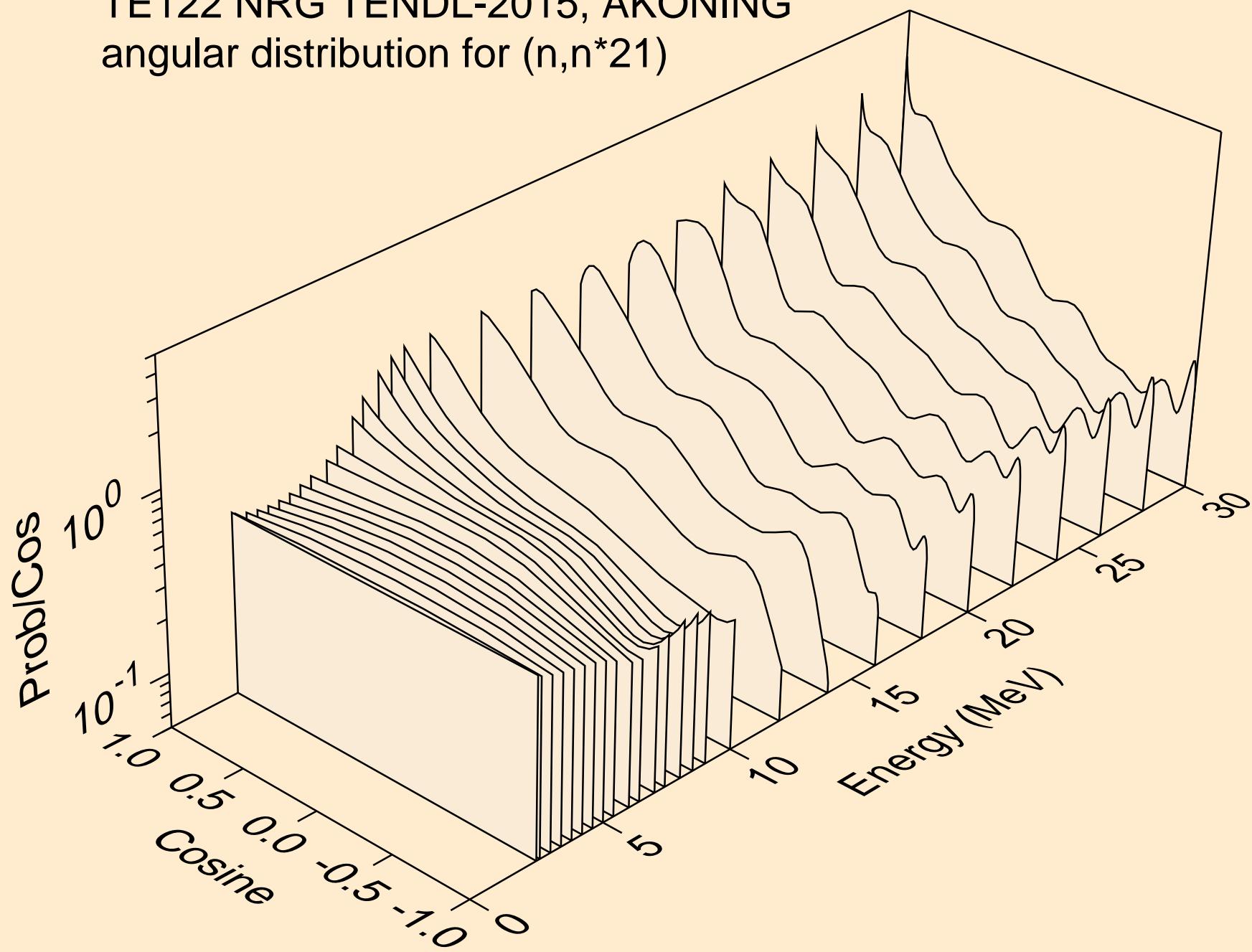
TE122 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*19)$



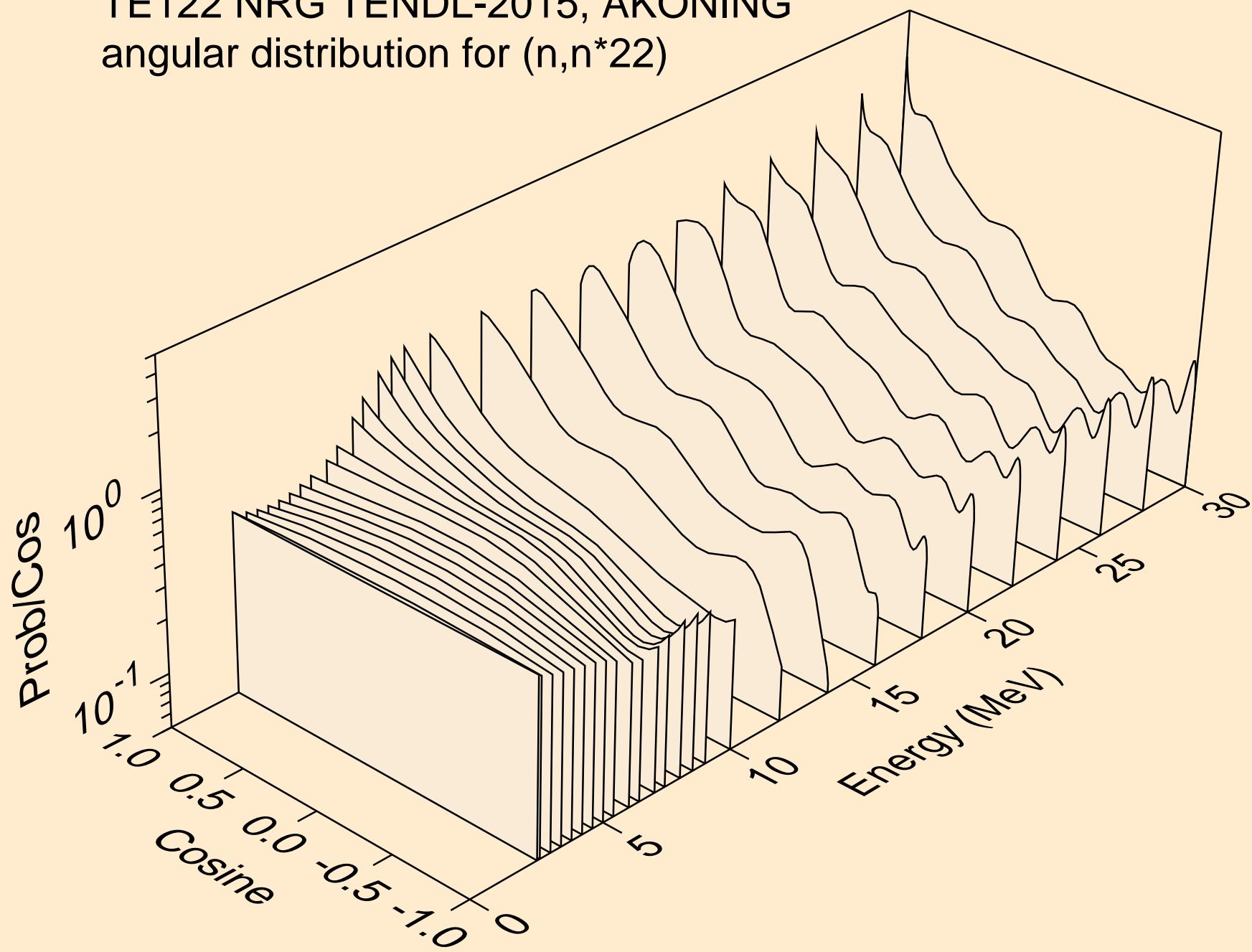
TE122 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^{20}$



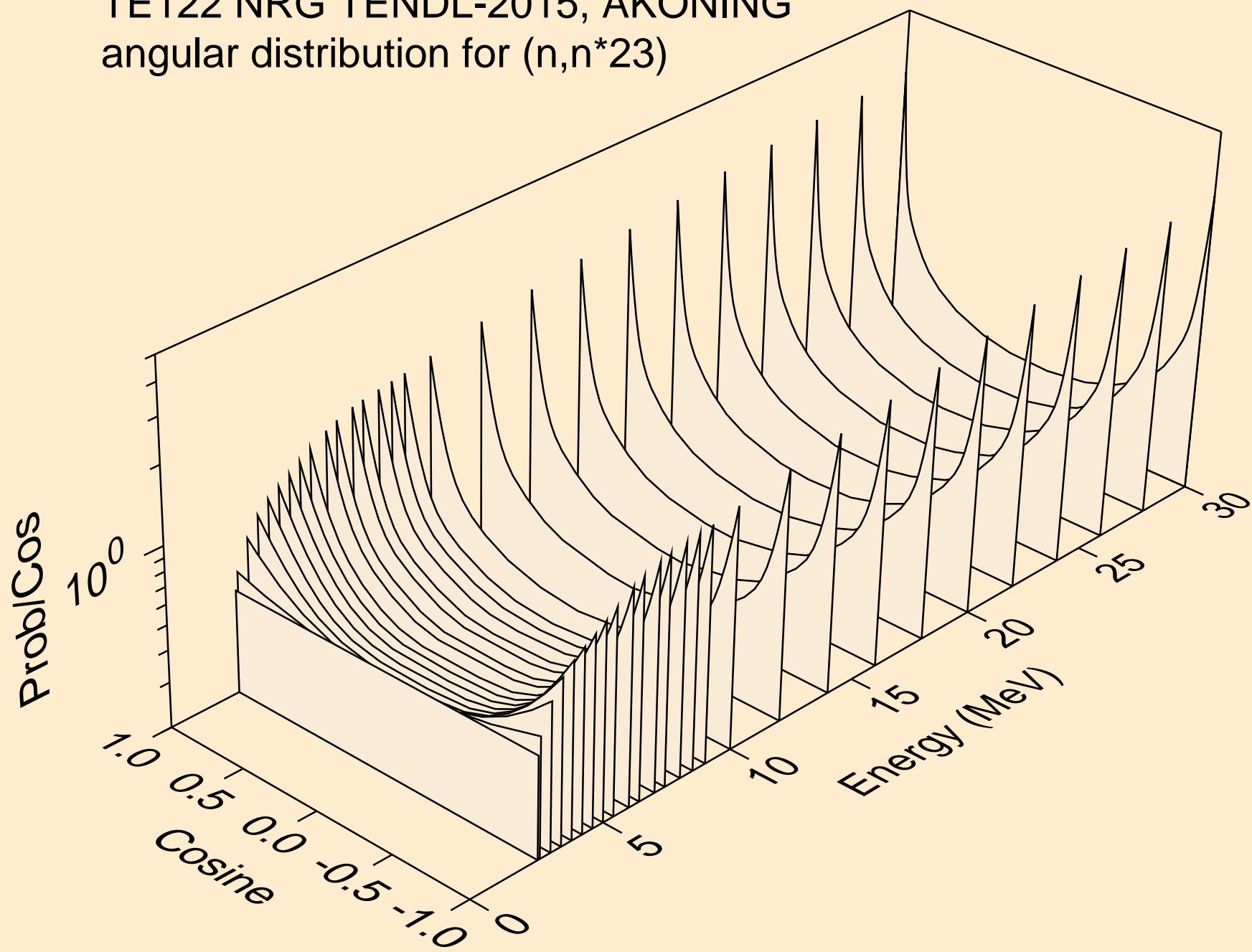
TE122 NRG TENDL-2015, AKONING  
angular distribution for ( $n,n^*21$ )



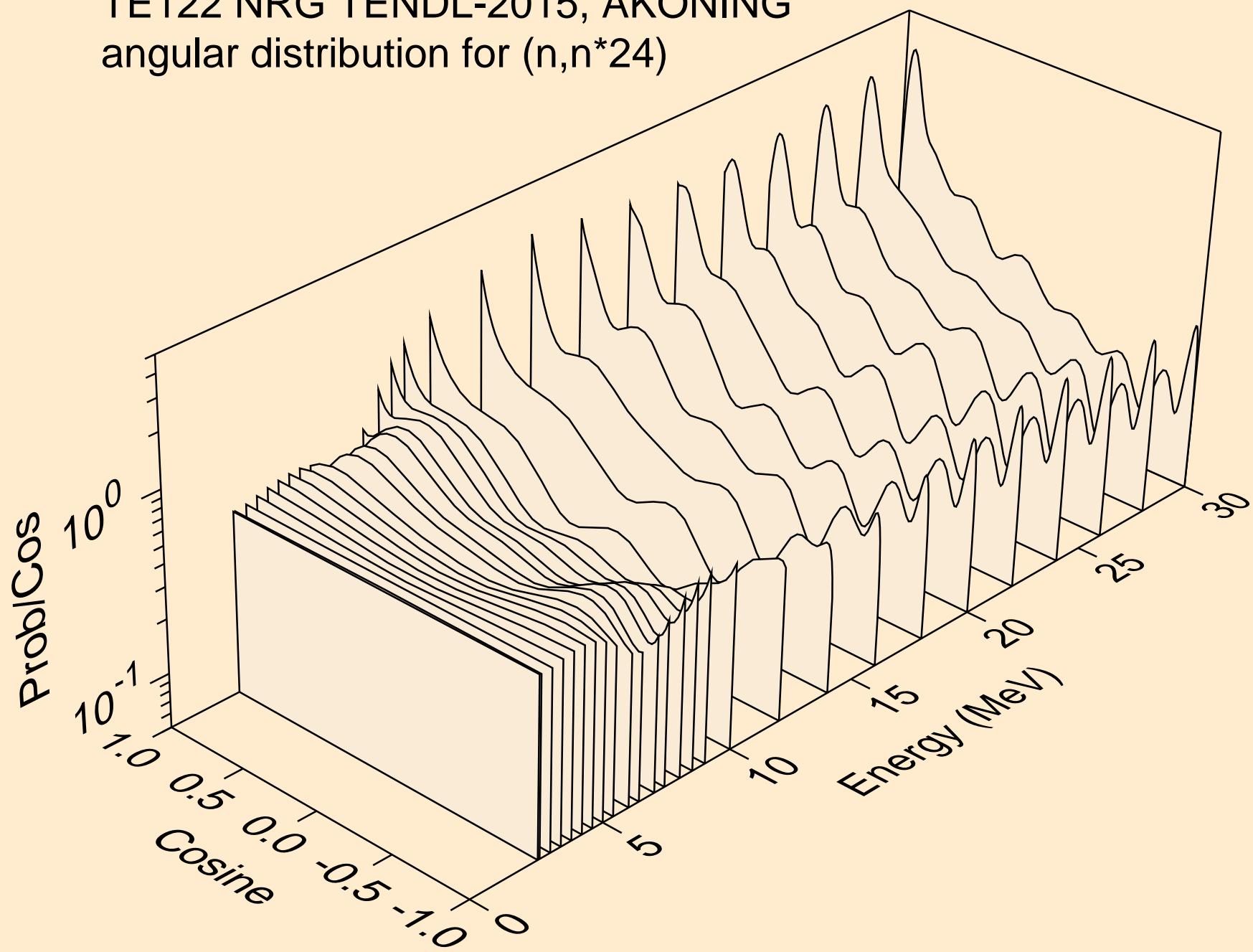
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angular distribution for  $(n,n^*22)$



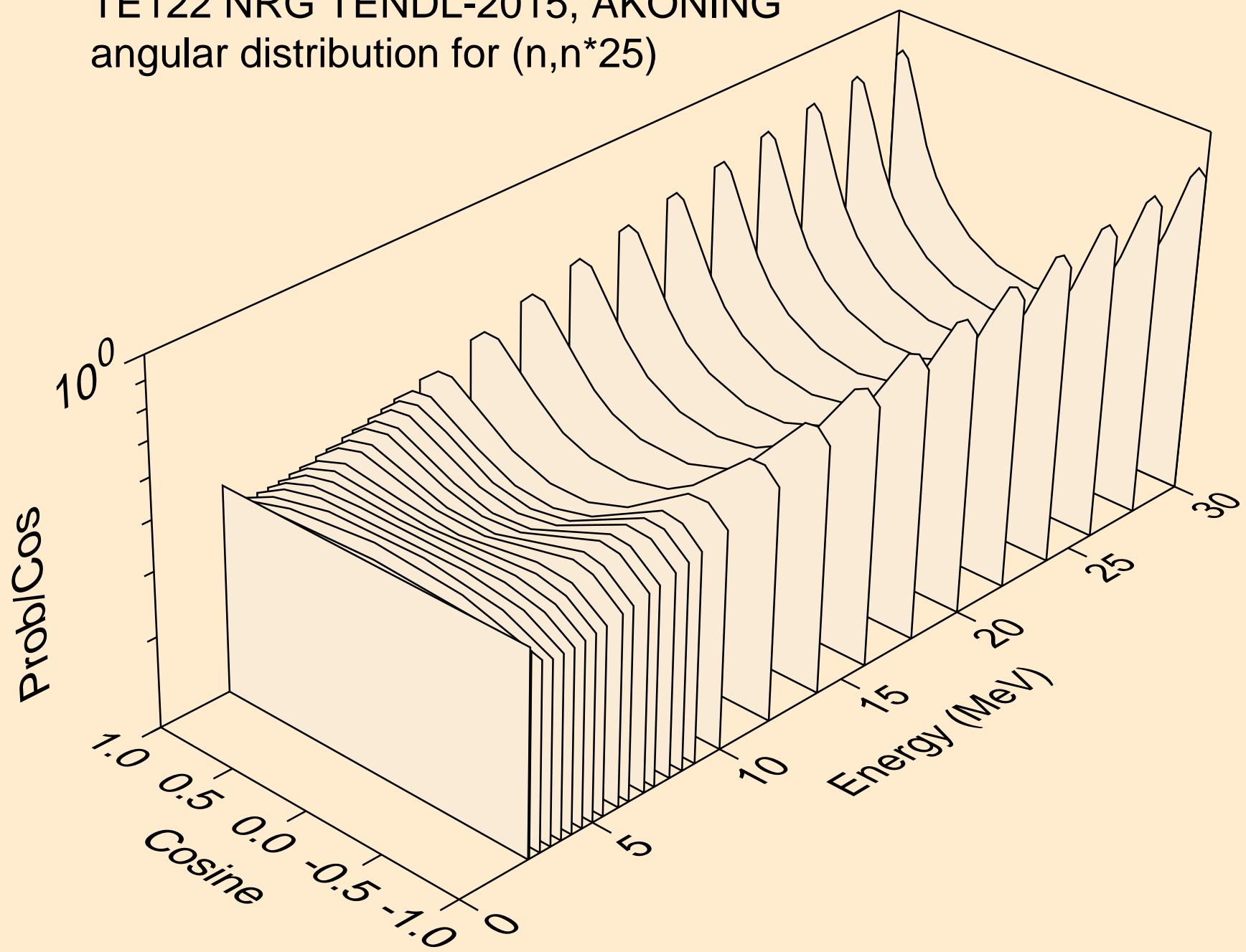
TE122 NRG TENDL-2015, AKONING  
angular distribution for ( $n,n^*$ )23



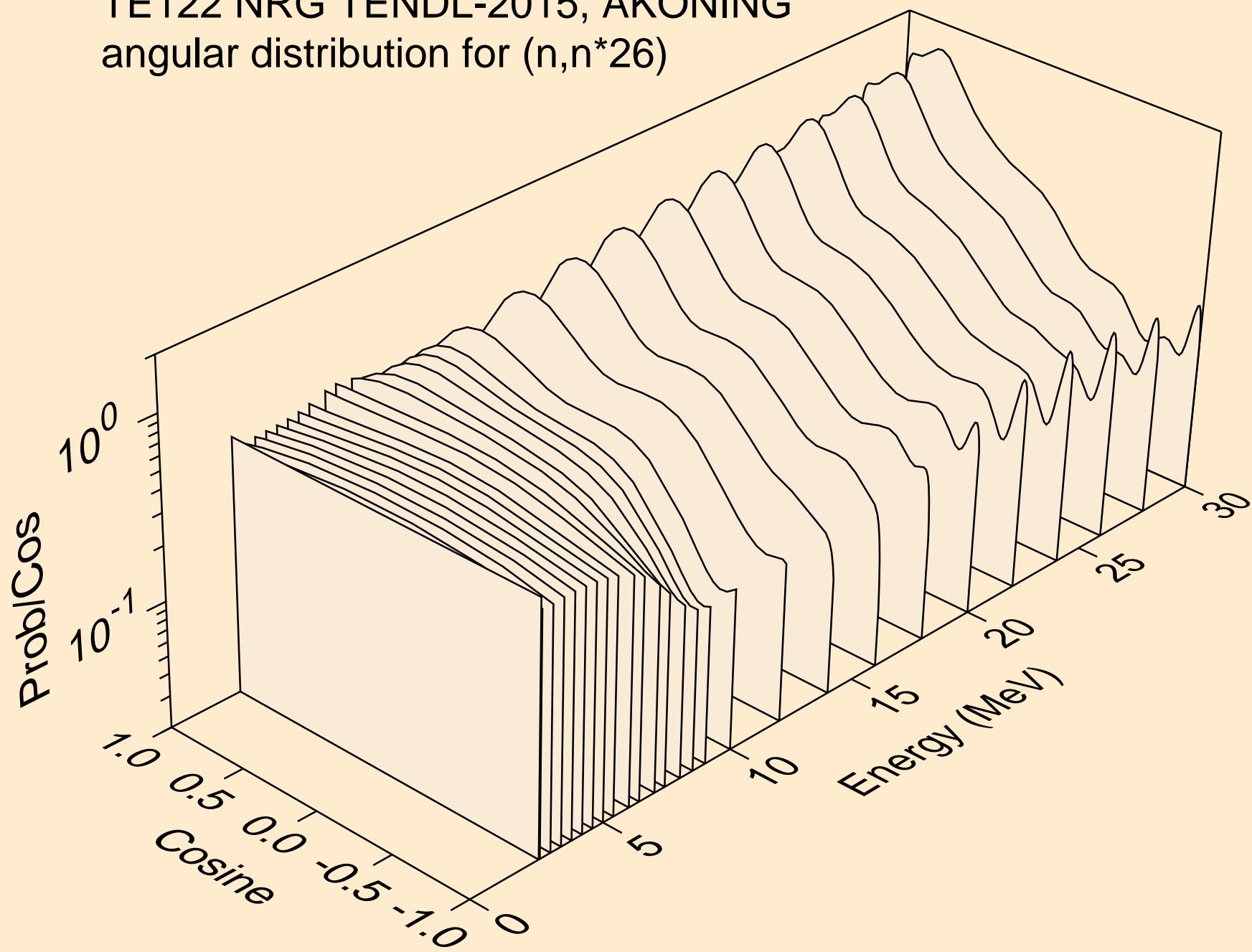
TE122 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^{24}$



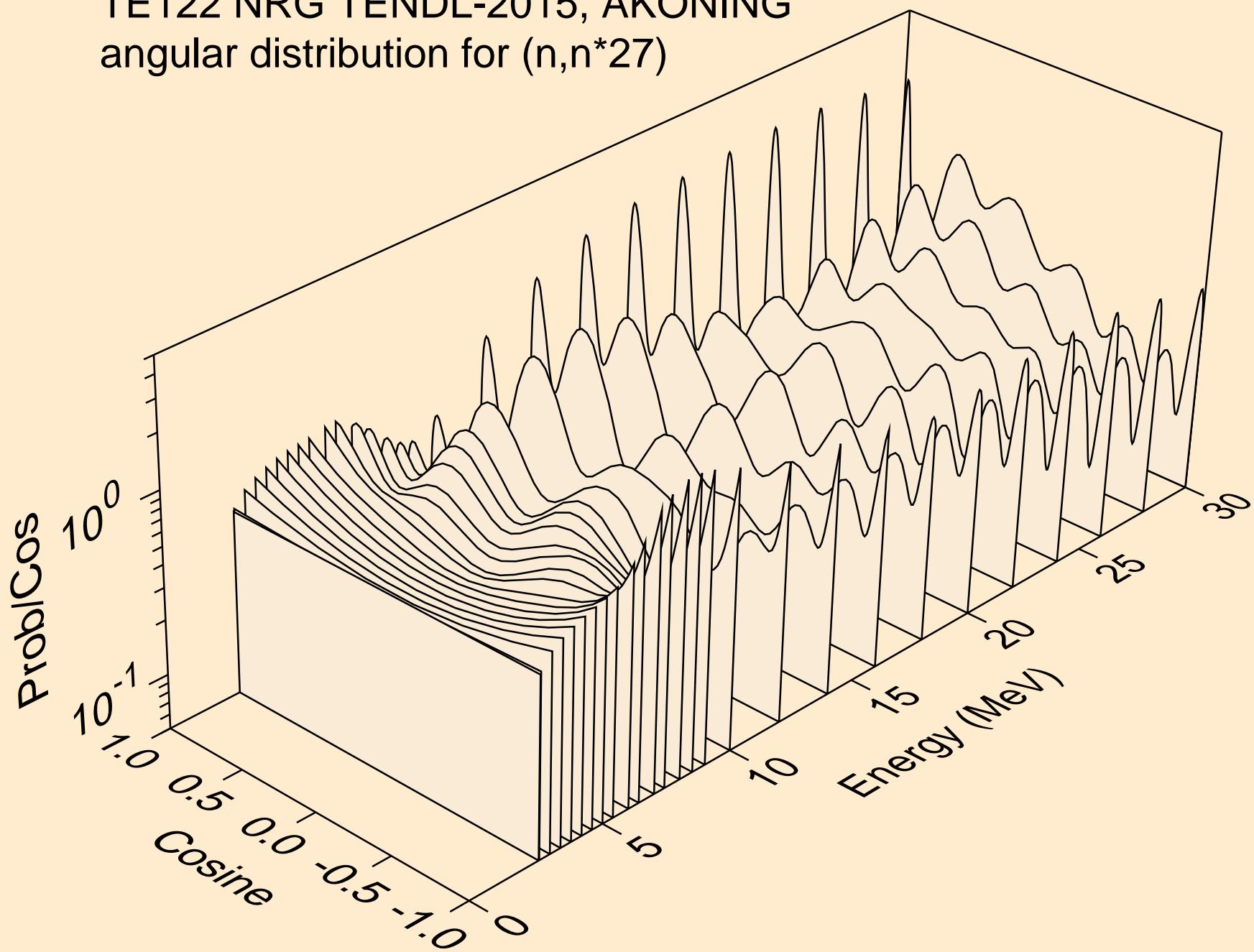
TE122 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



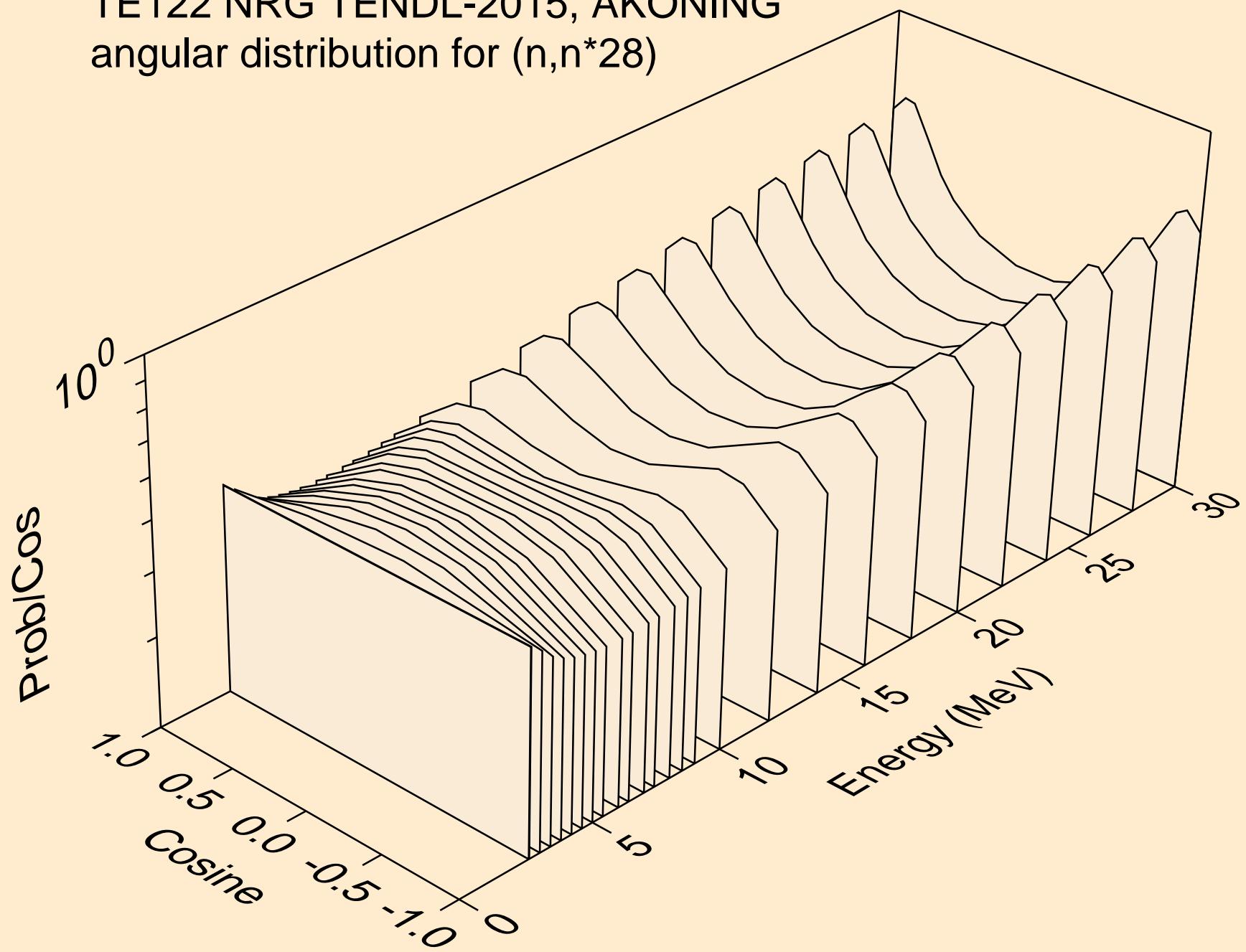
TE122 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)_{26}$



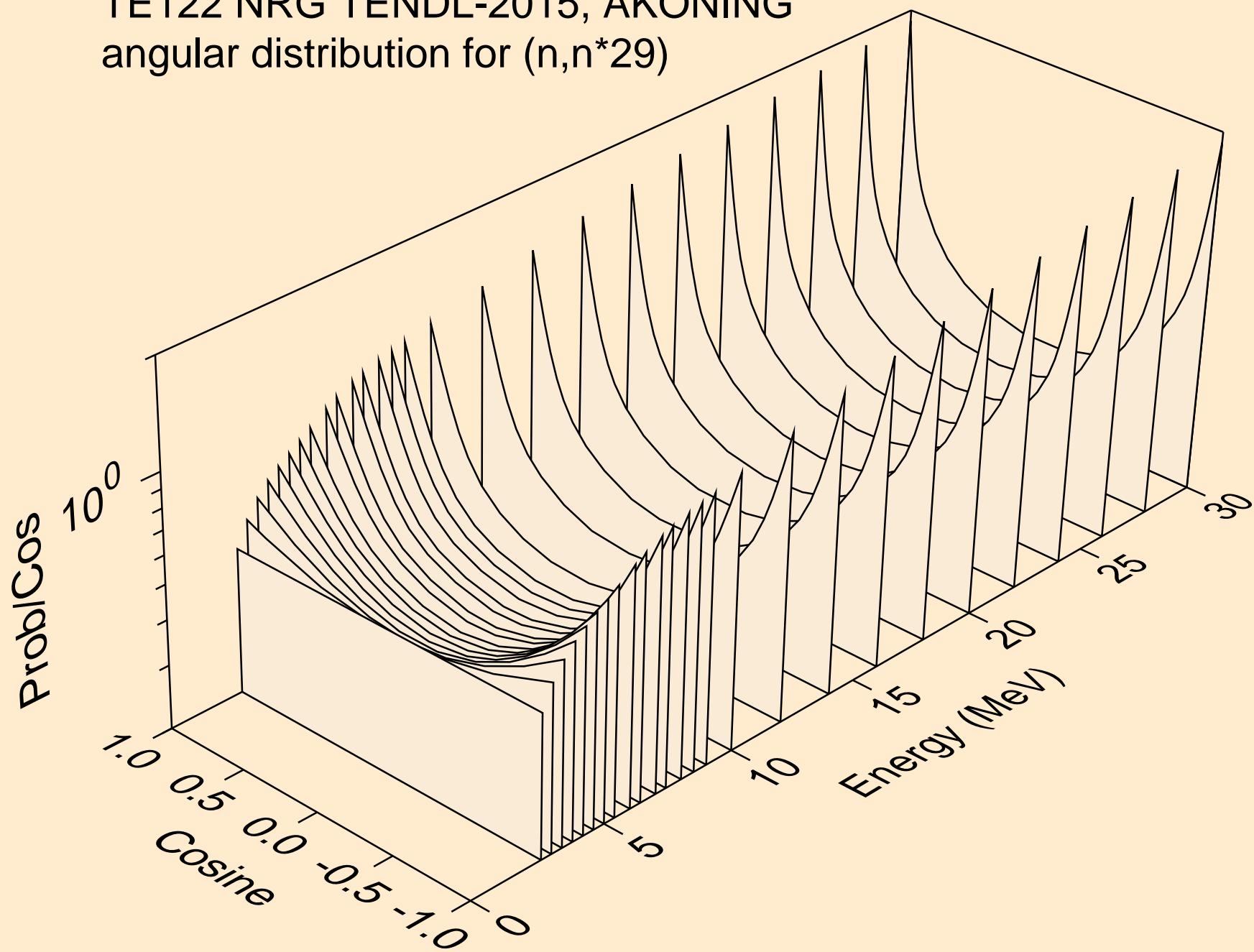
TE122 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)_{27}$



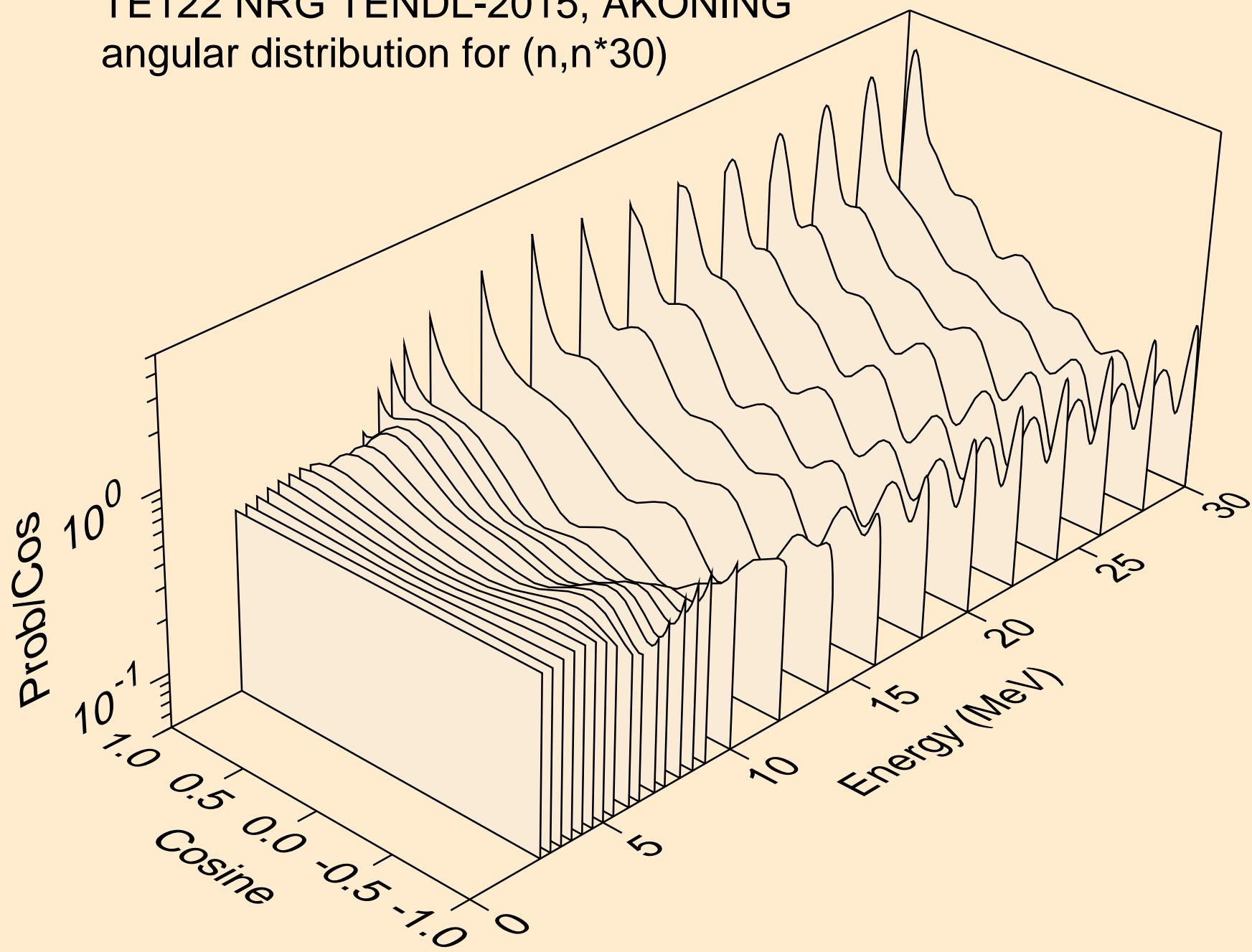
TE122 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^{28}$



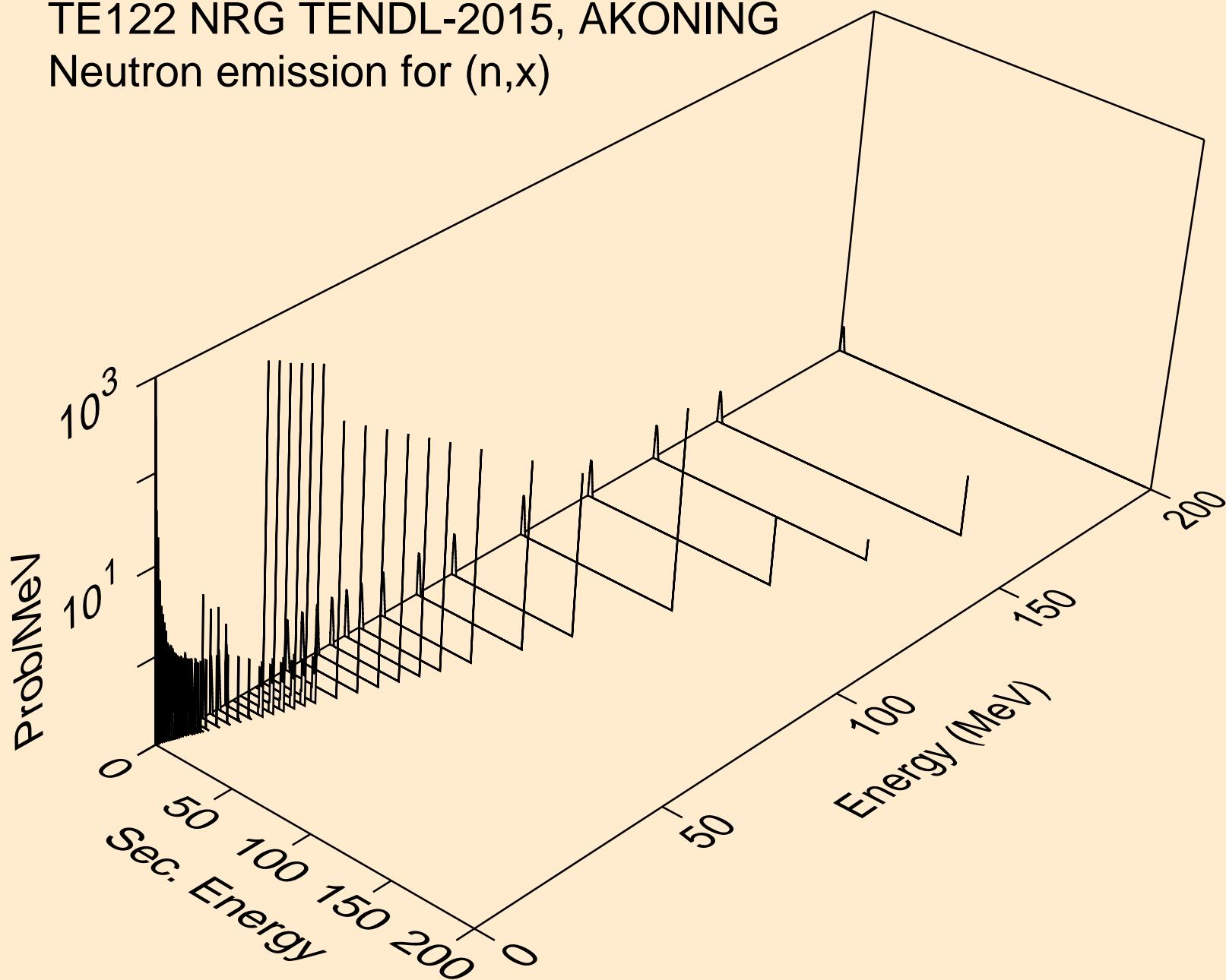
TE122 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*29)$



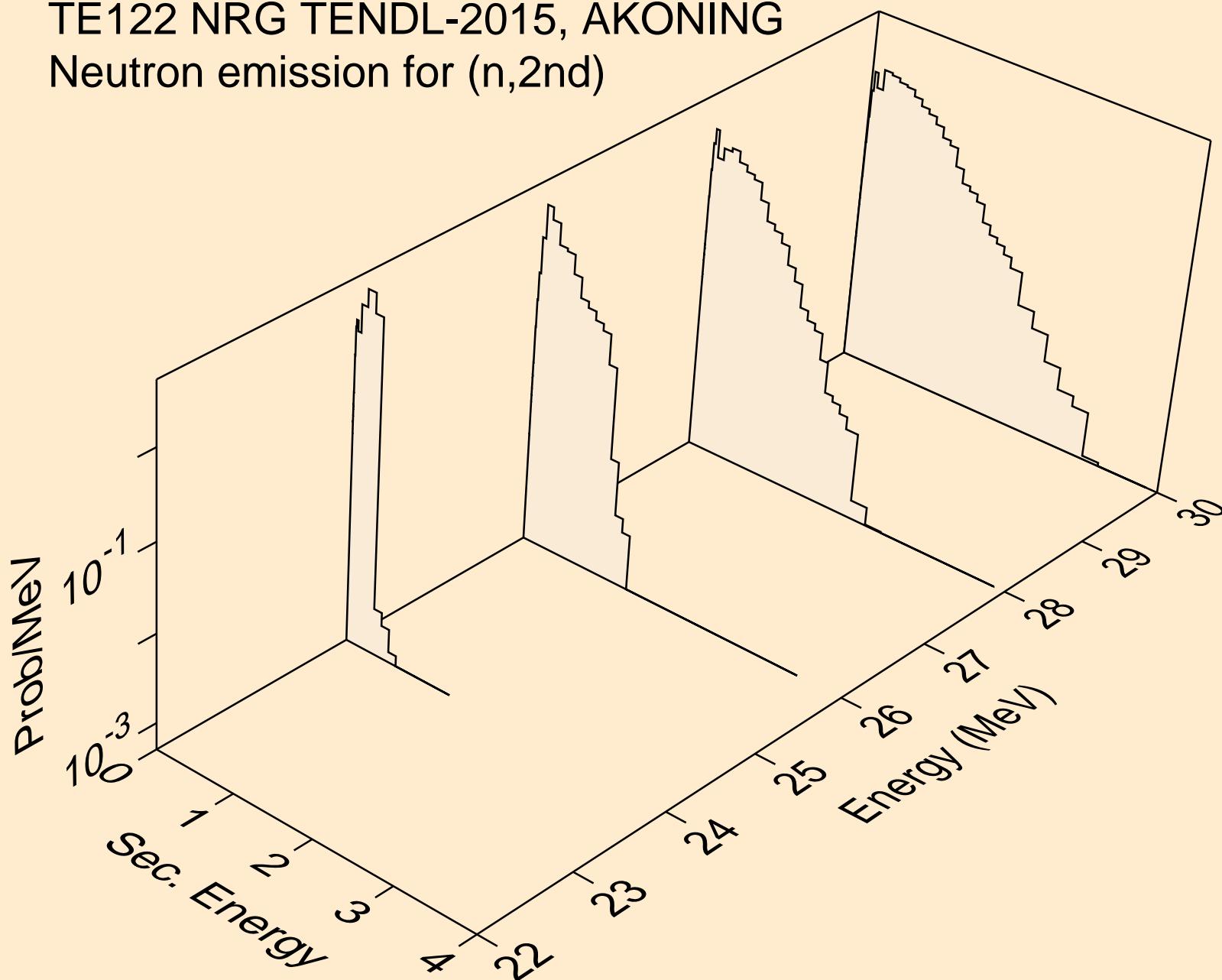
TE122 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)30$



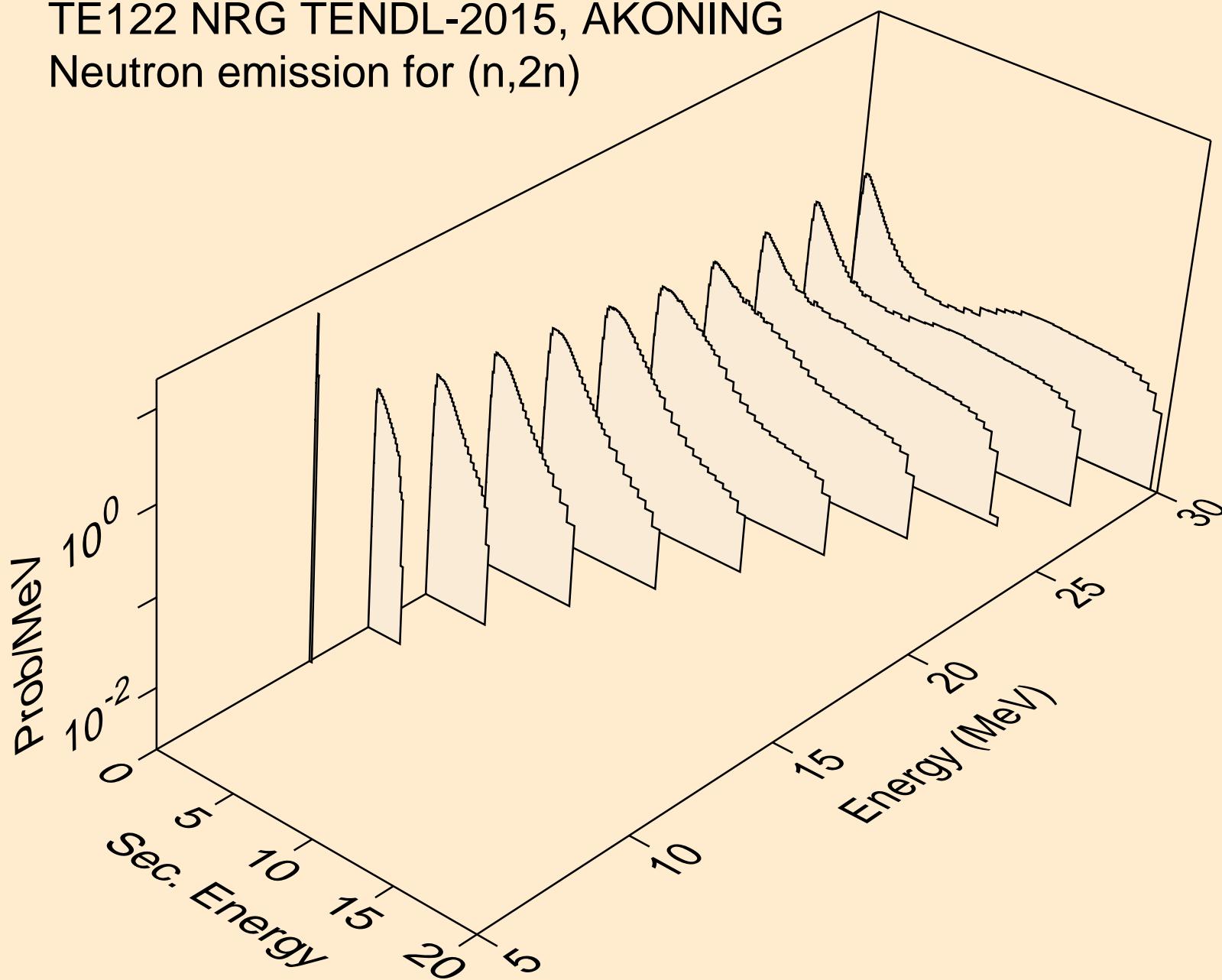
TE122 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



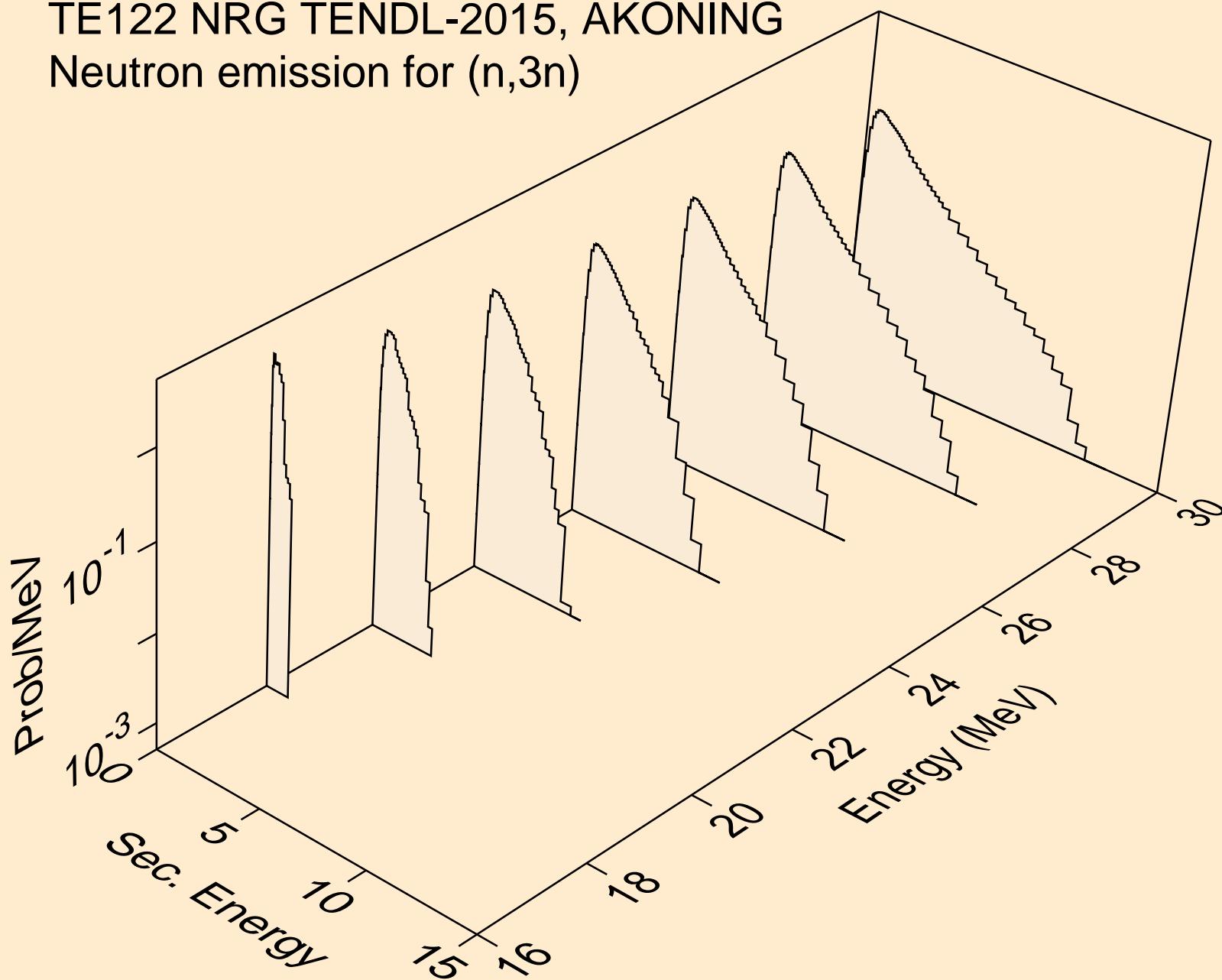
TE122 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



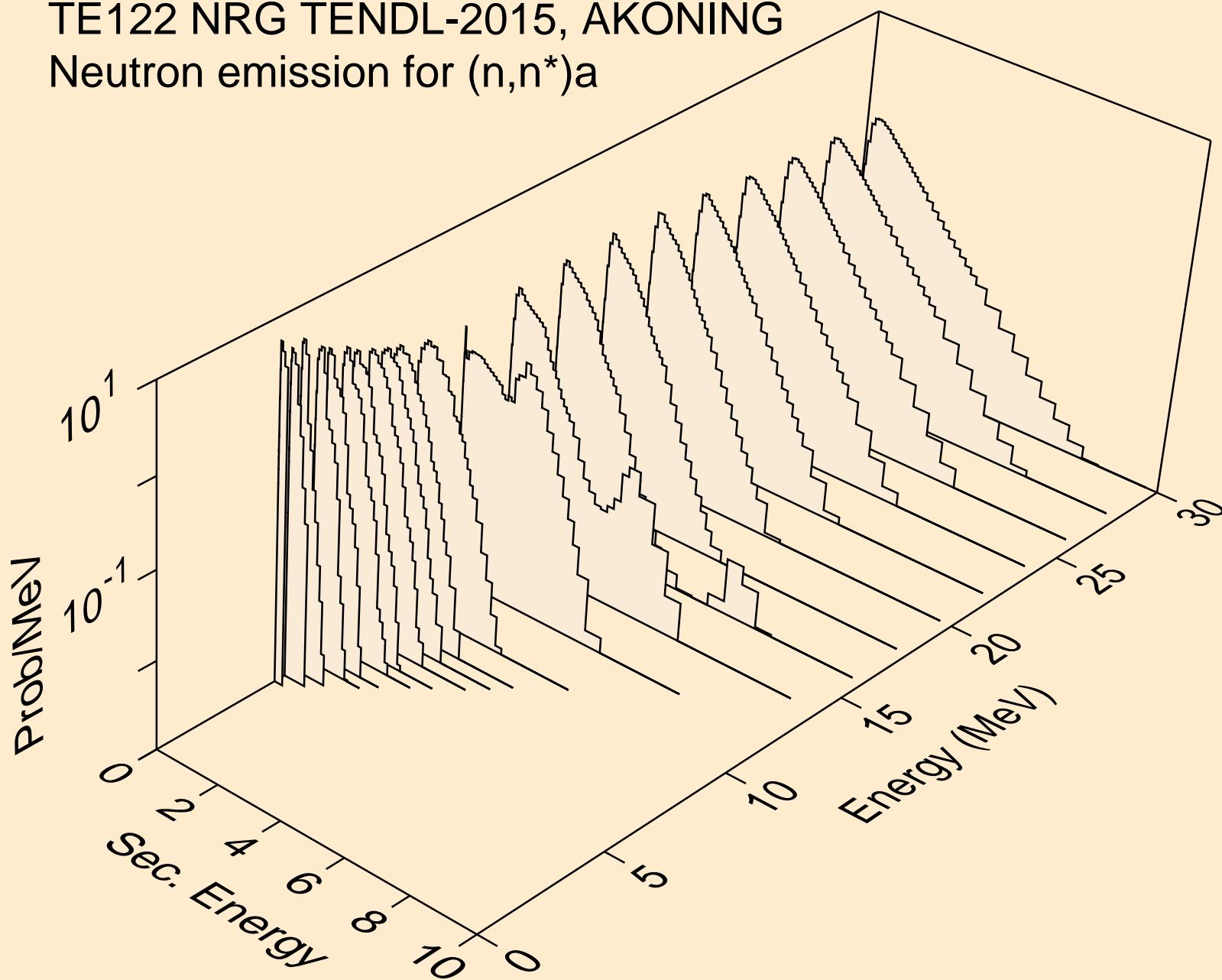
TE122 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



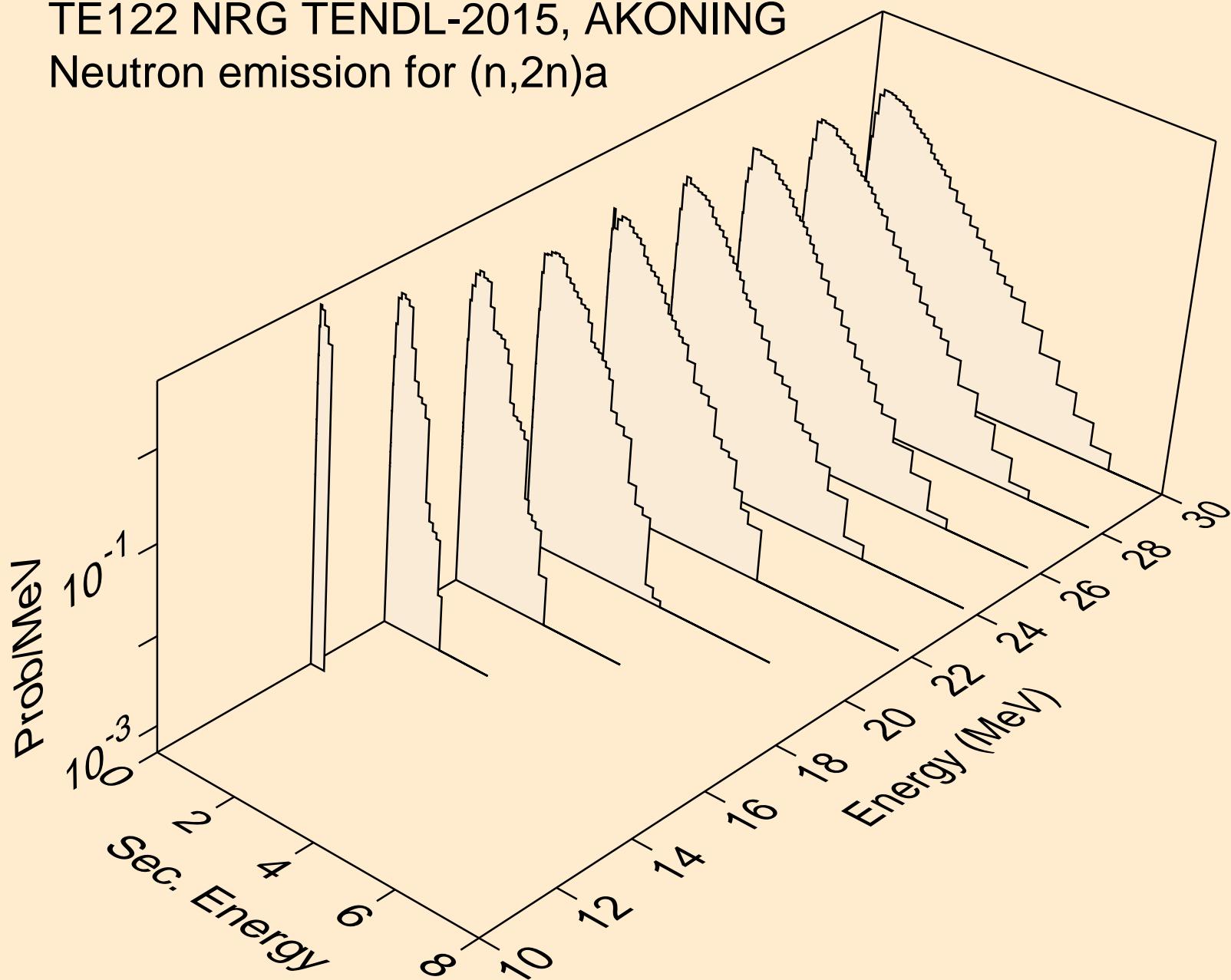
TE122 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



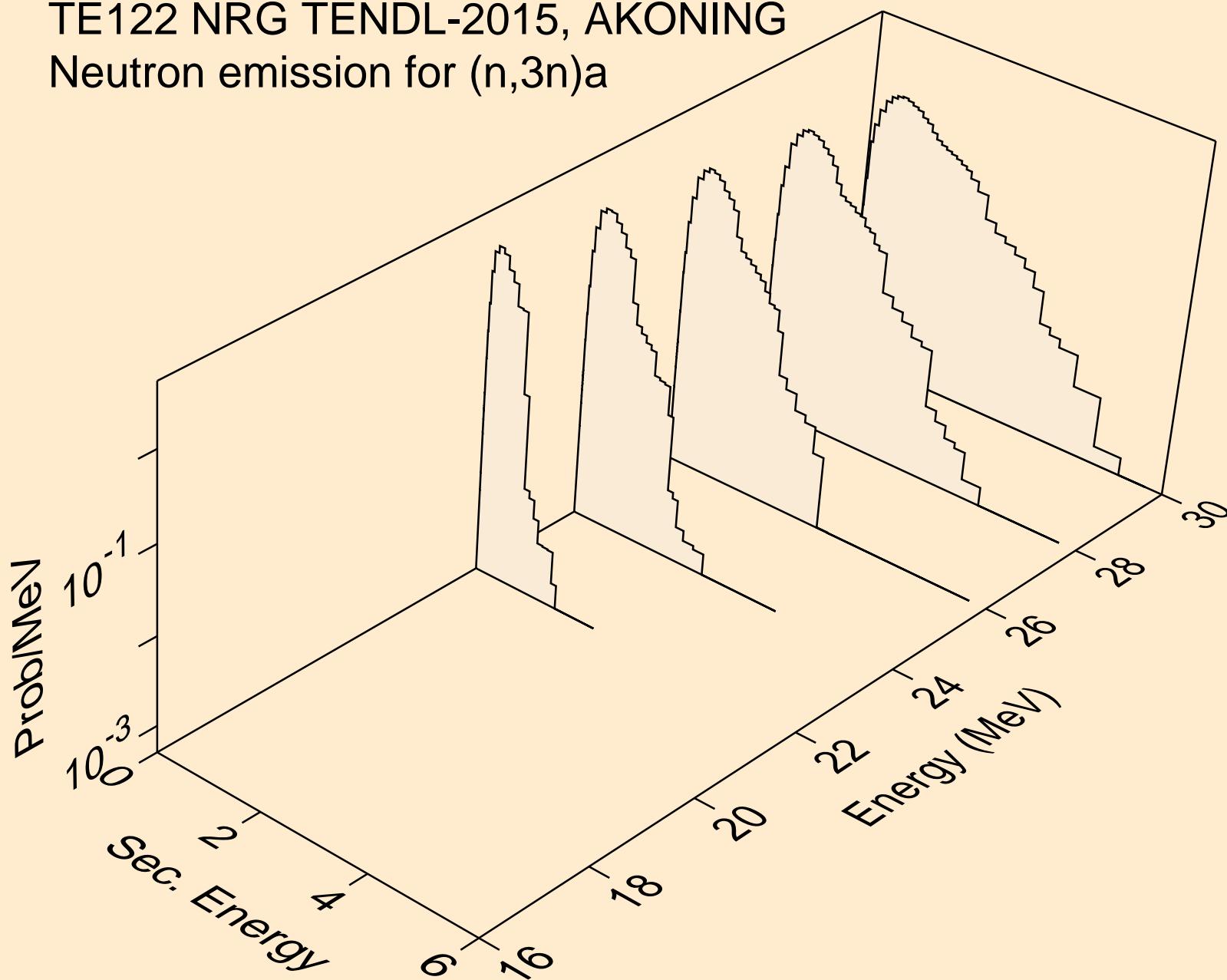
TE122 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)a$



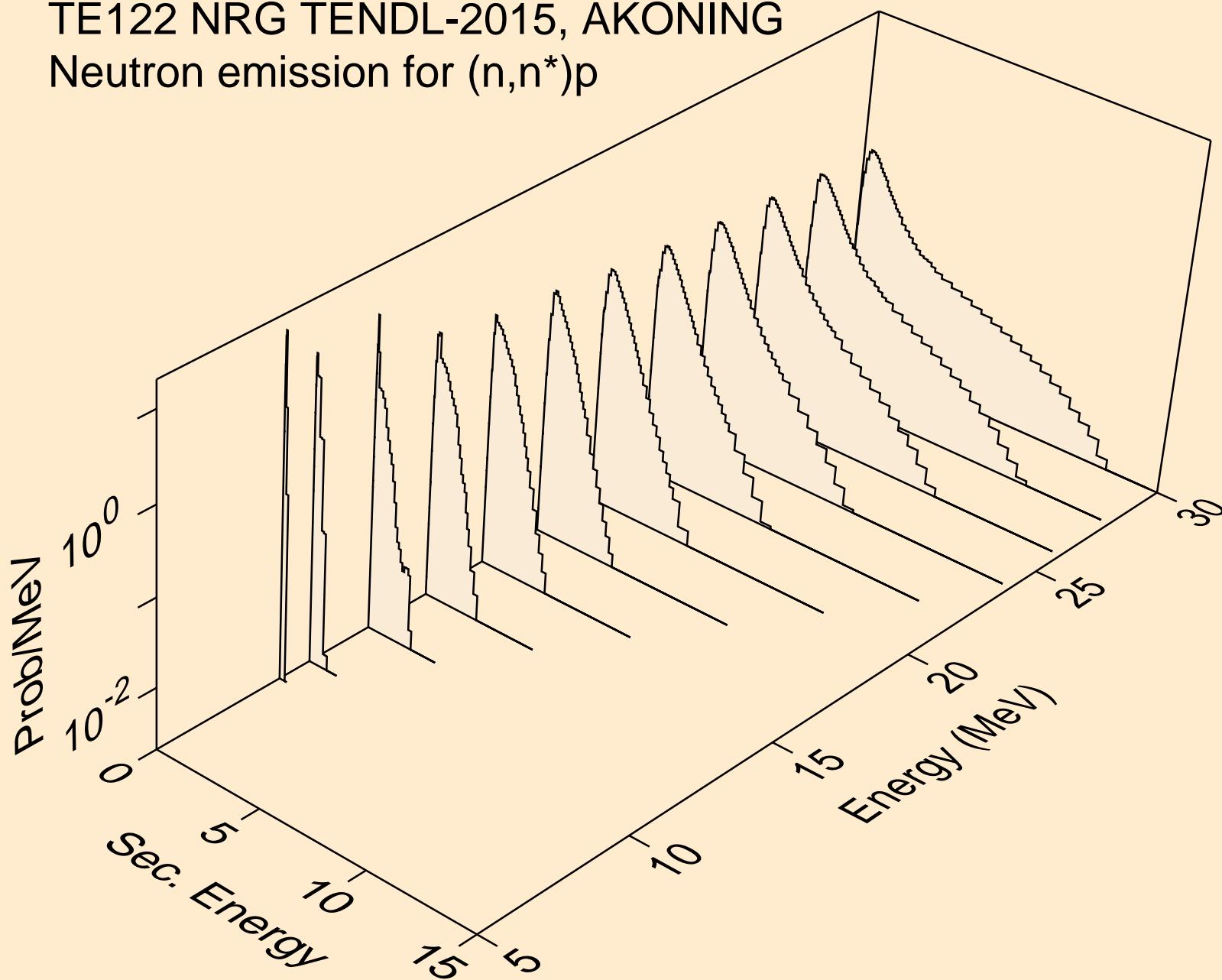
TE122 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,2n)a$



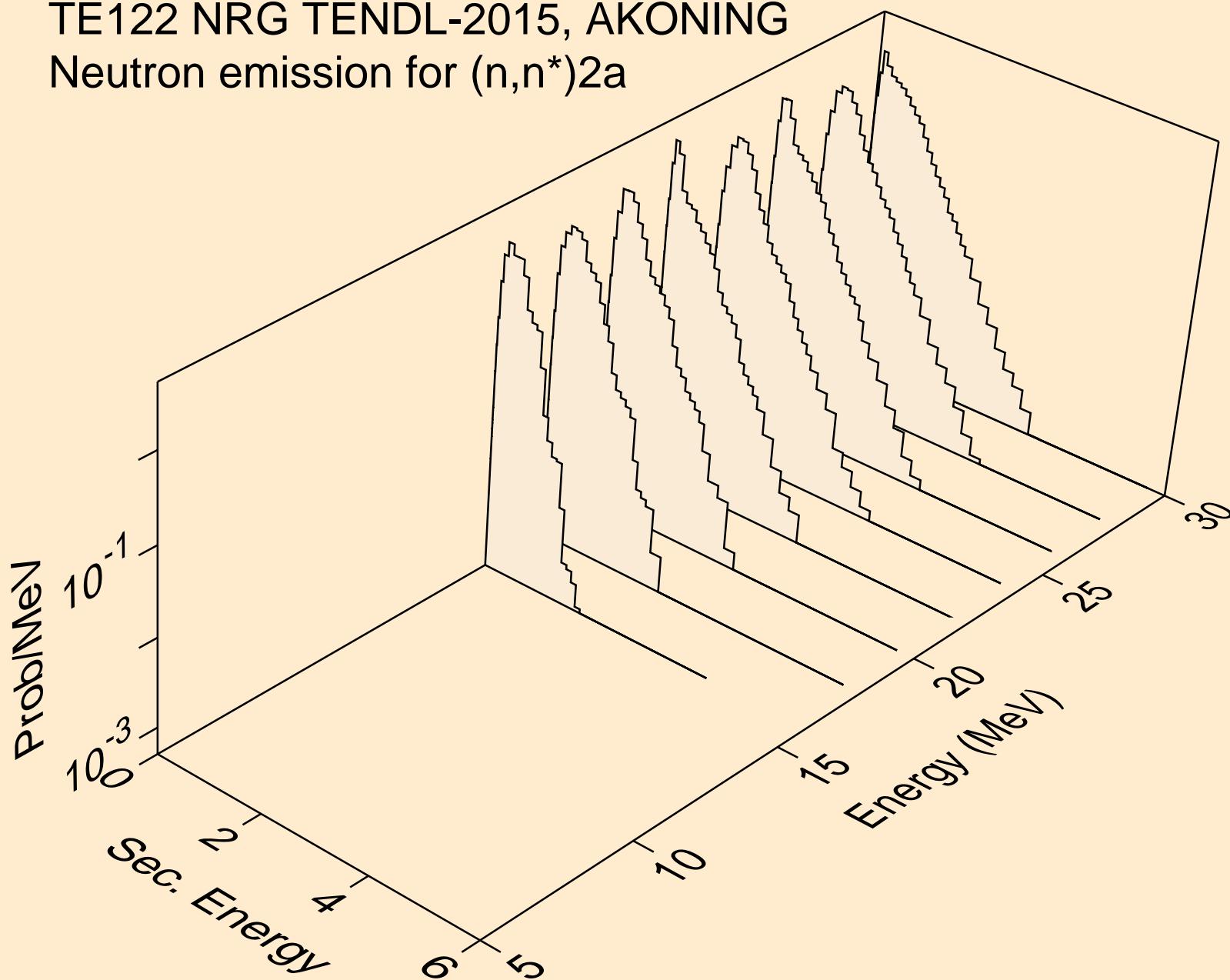
TE122 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



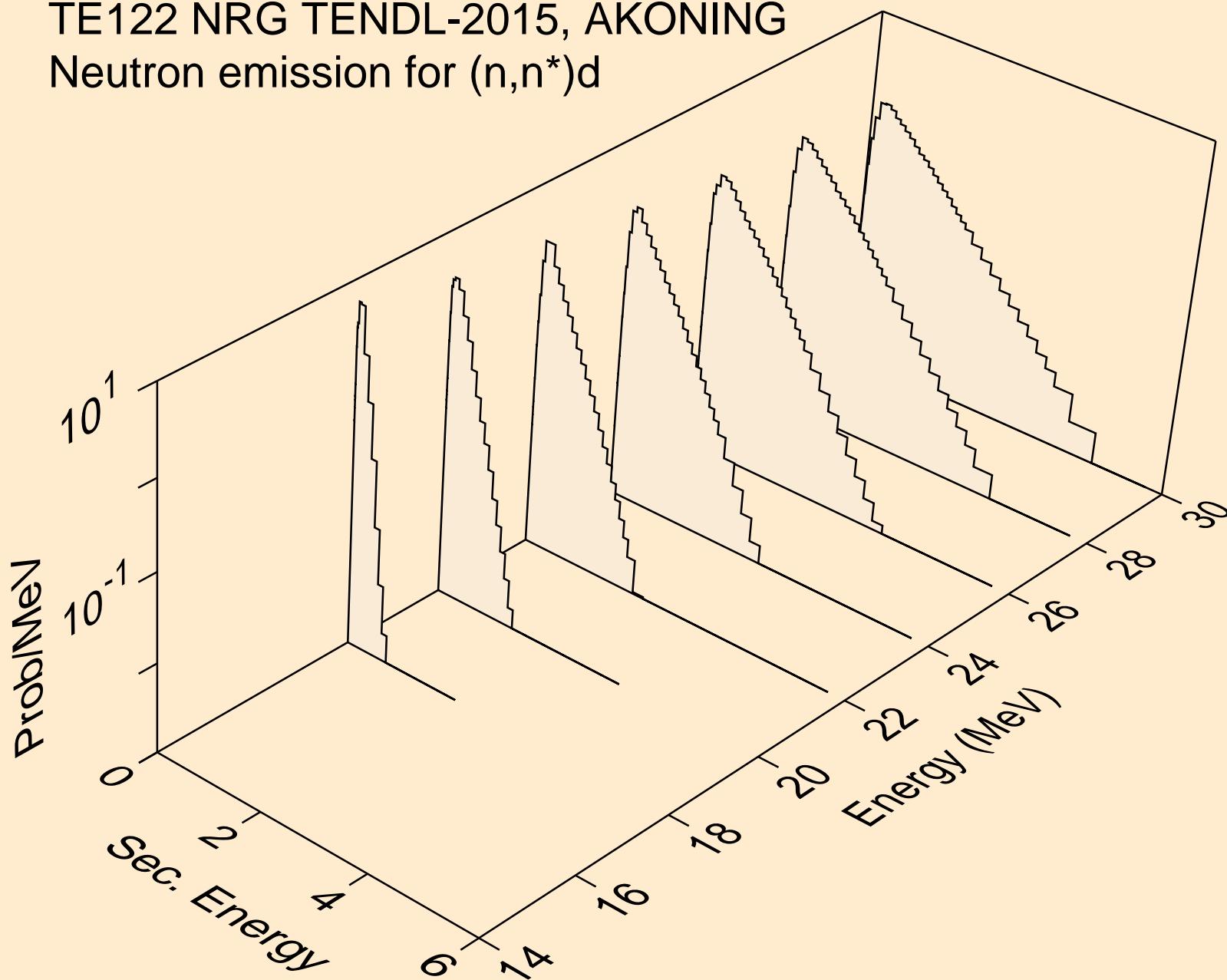
TE122 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)p$



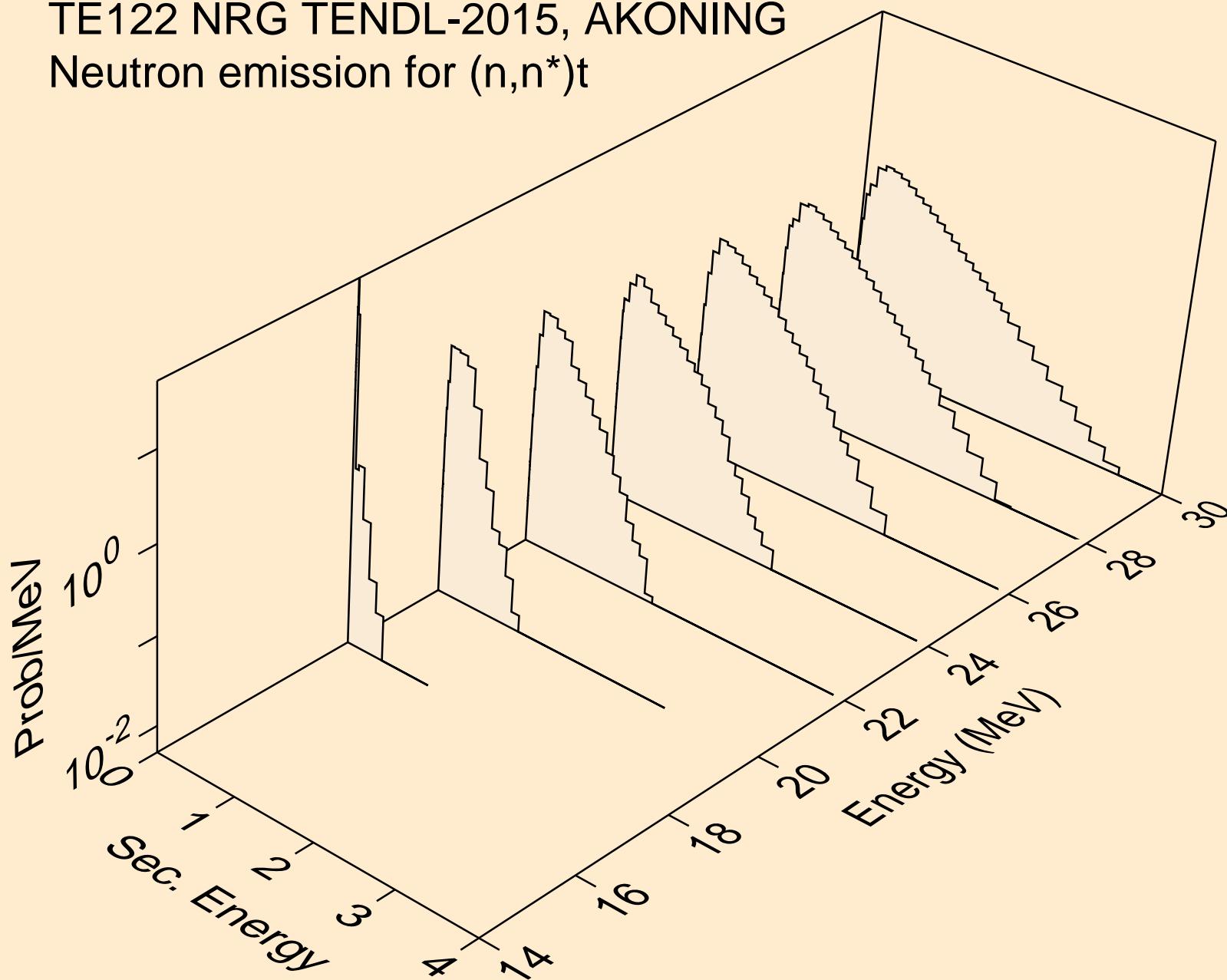
TE122 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)2a$



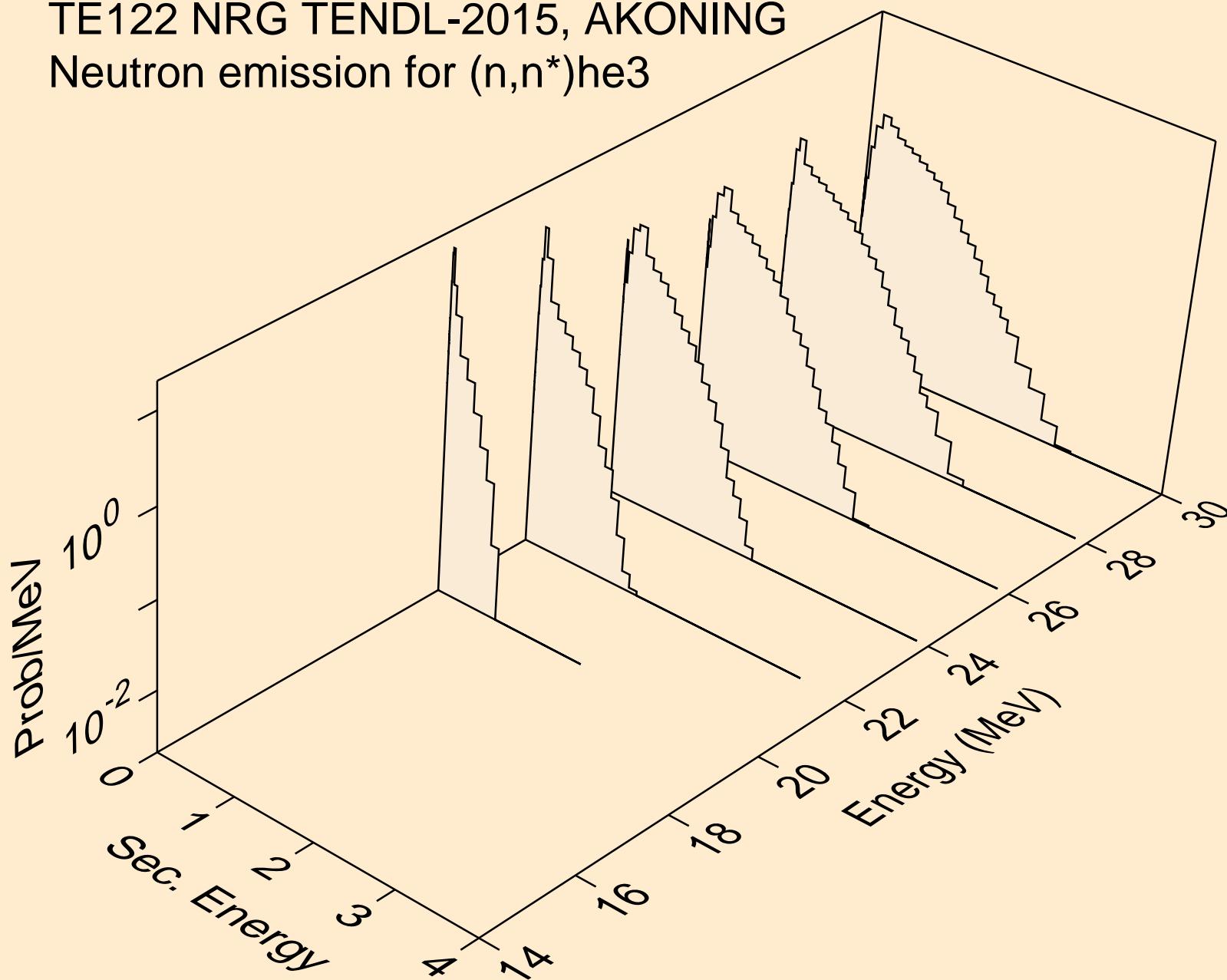
TE122 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)d$



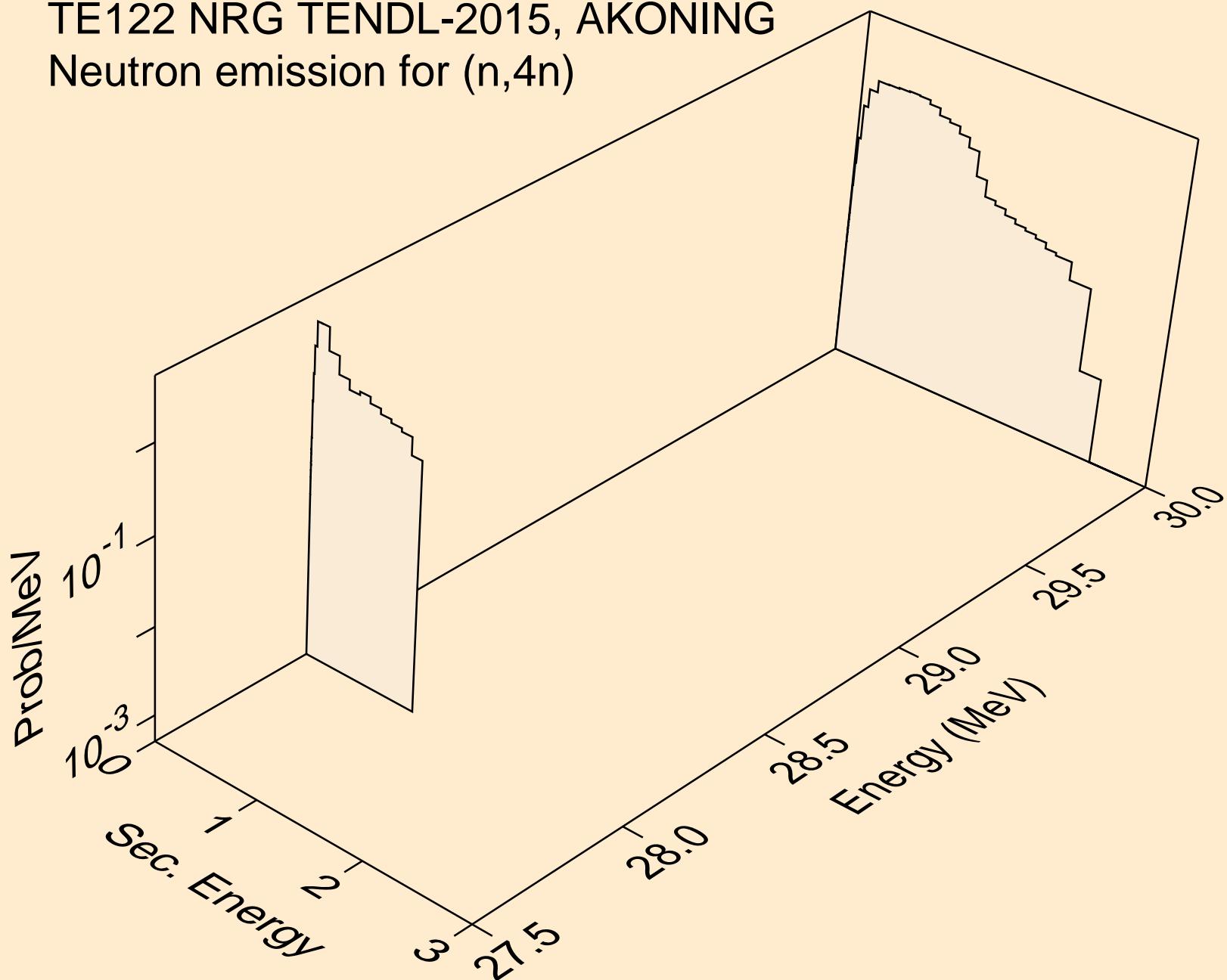
TE122 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)t$



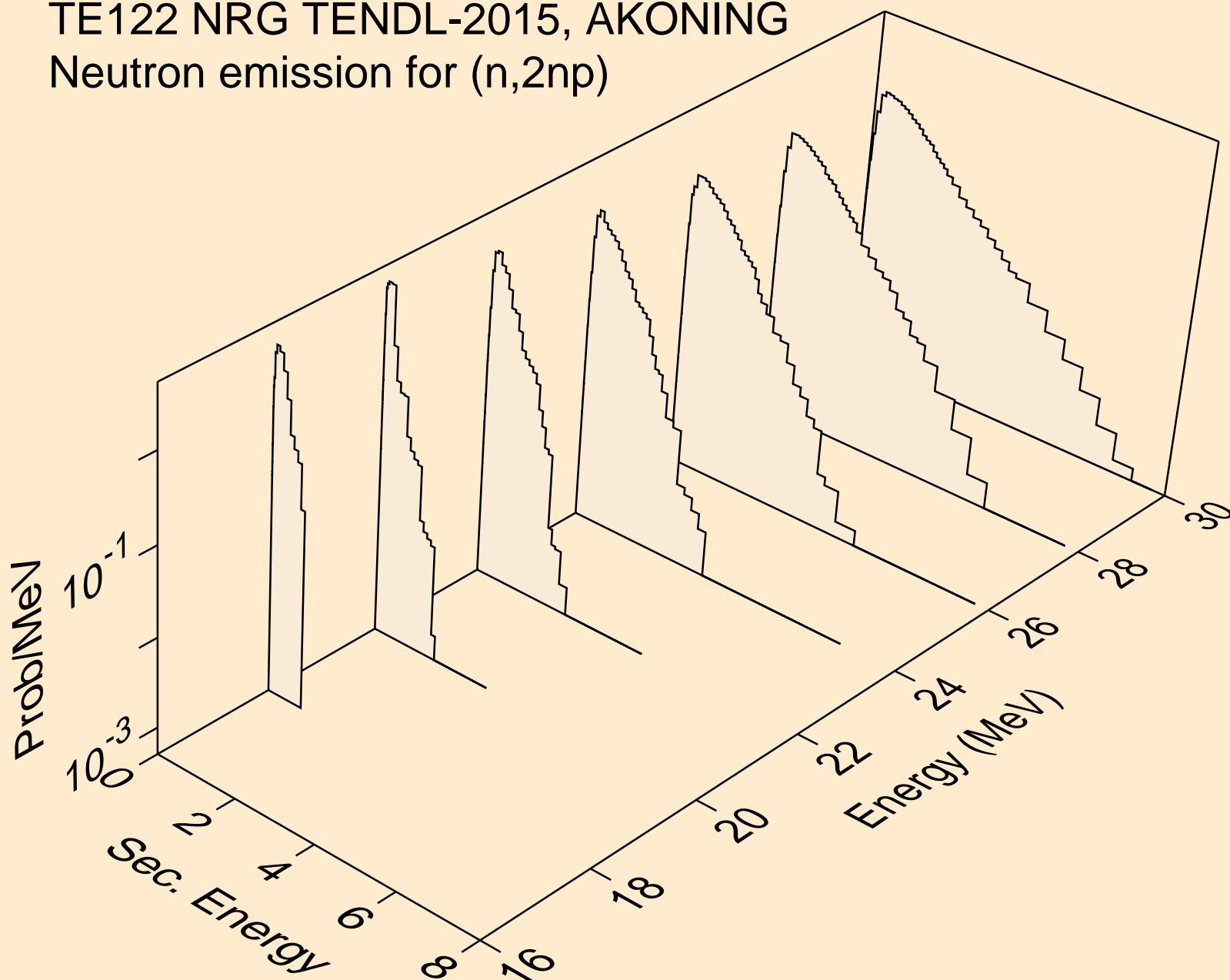
TE122 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)\text{he3}$



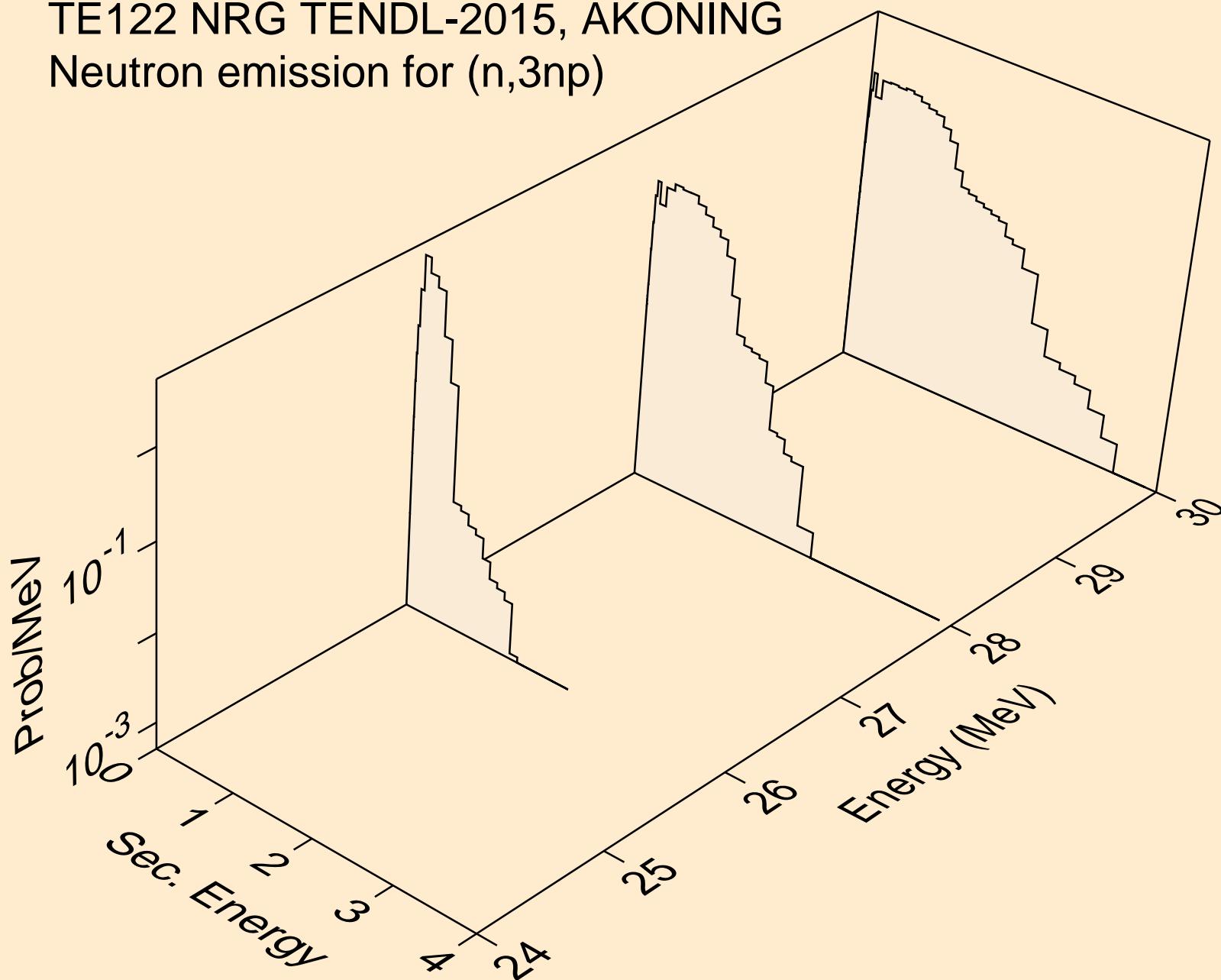
TE122 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



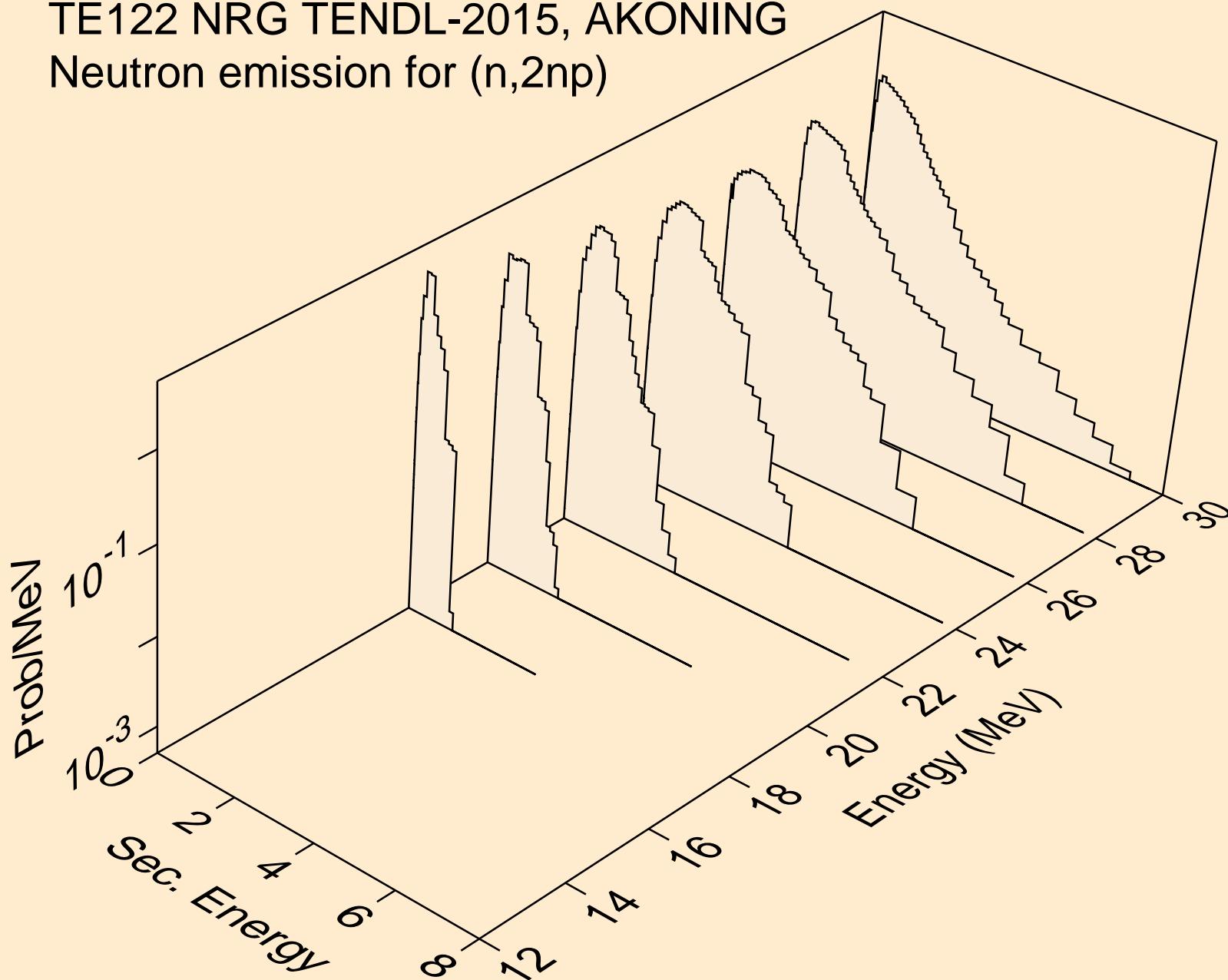
TE122 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



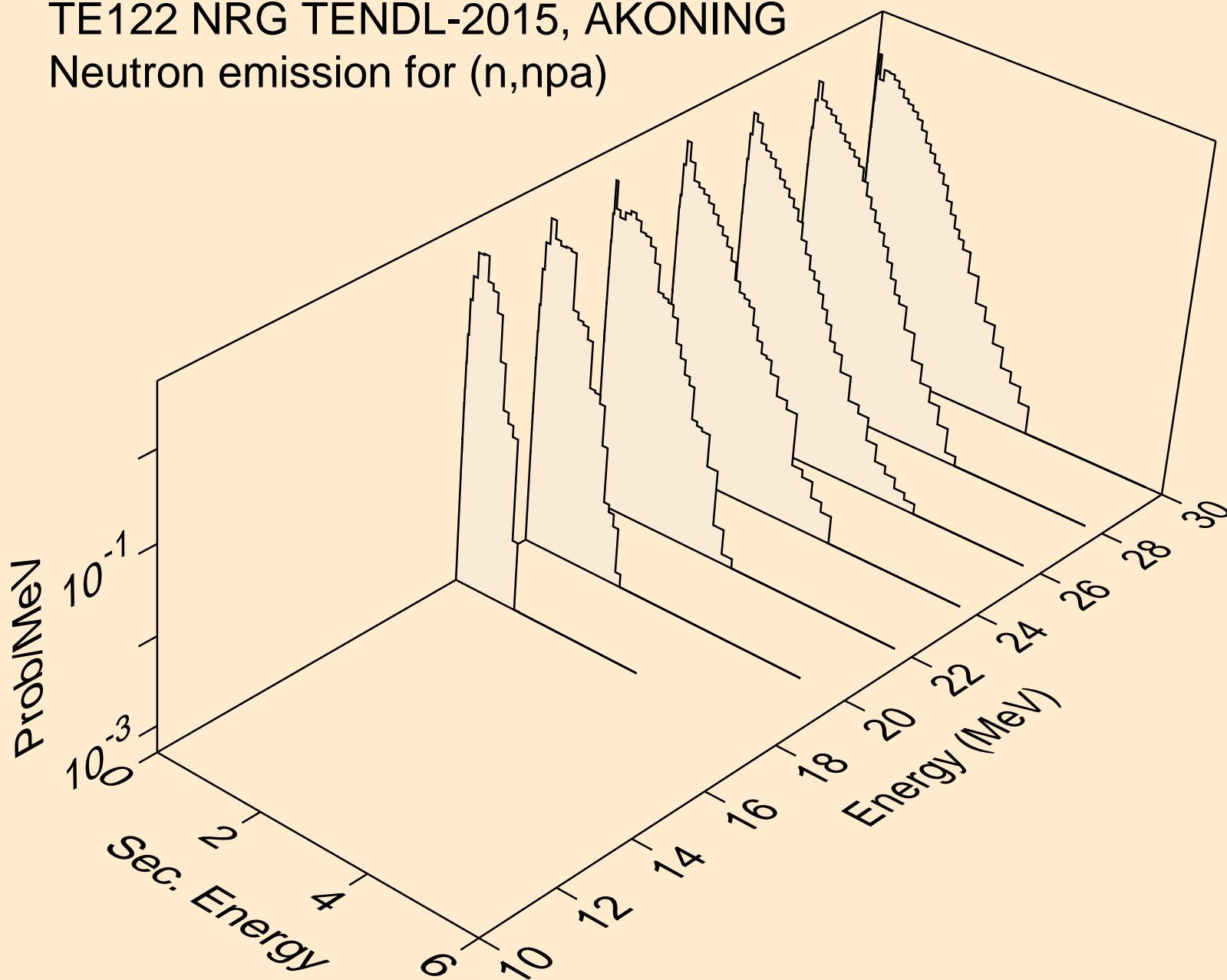
TE122 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



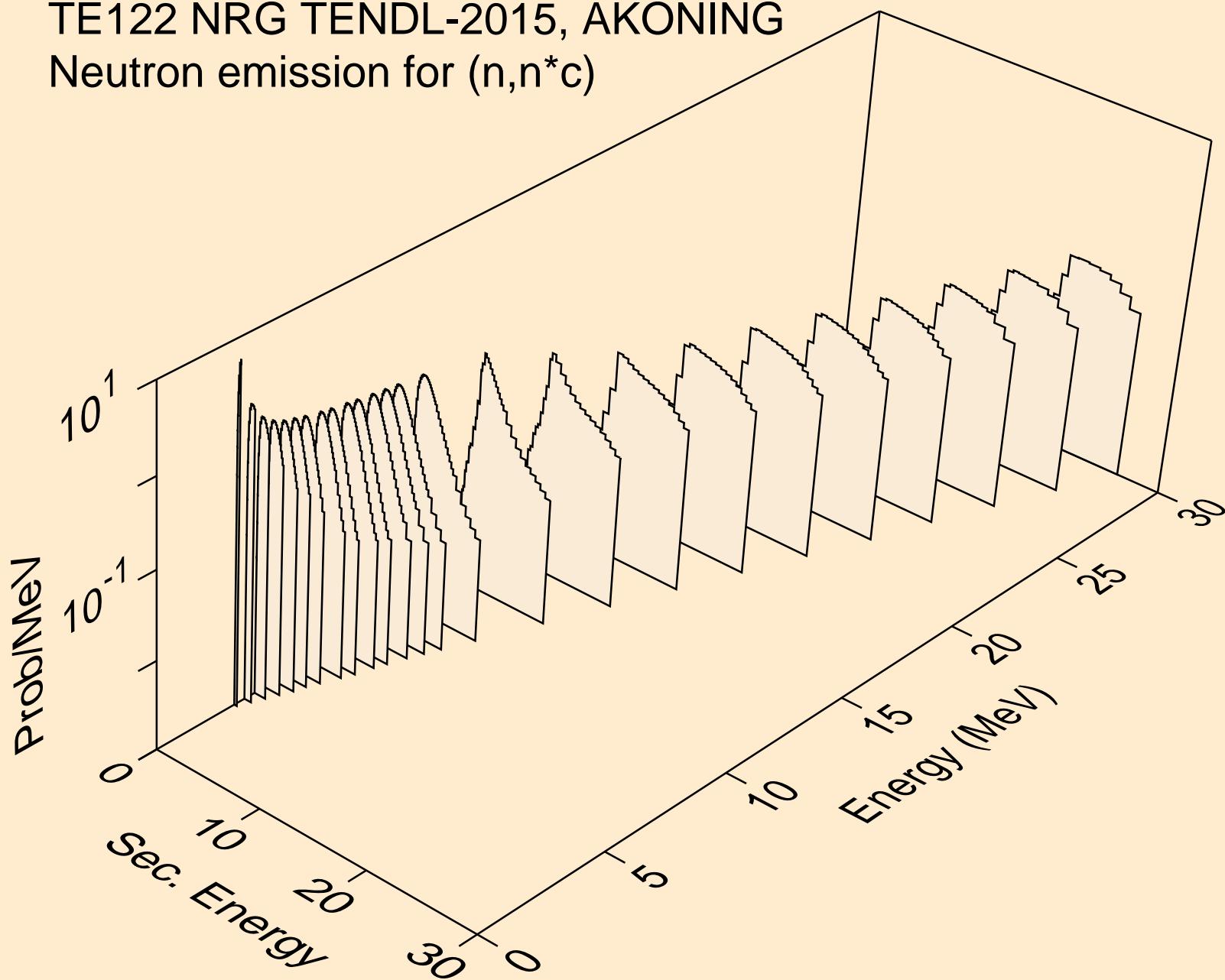
TE122 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



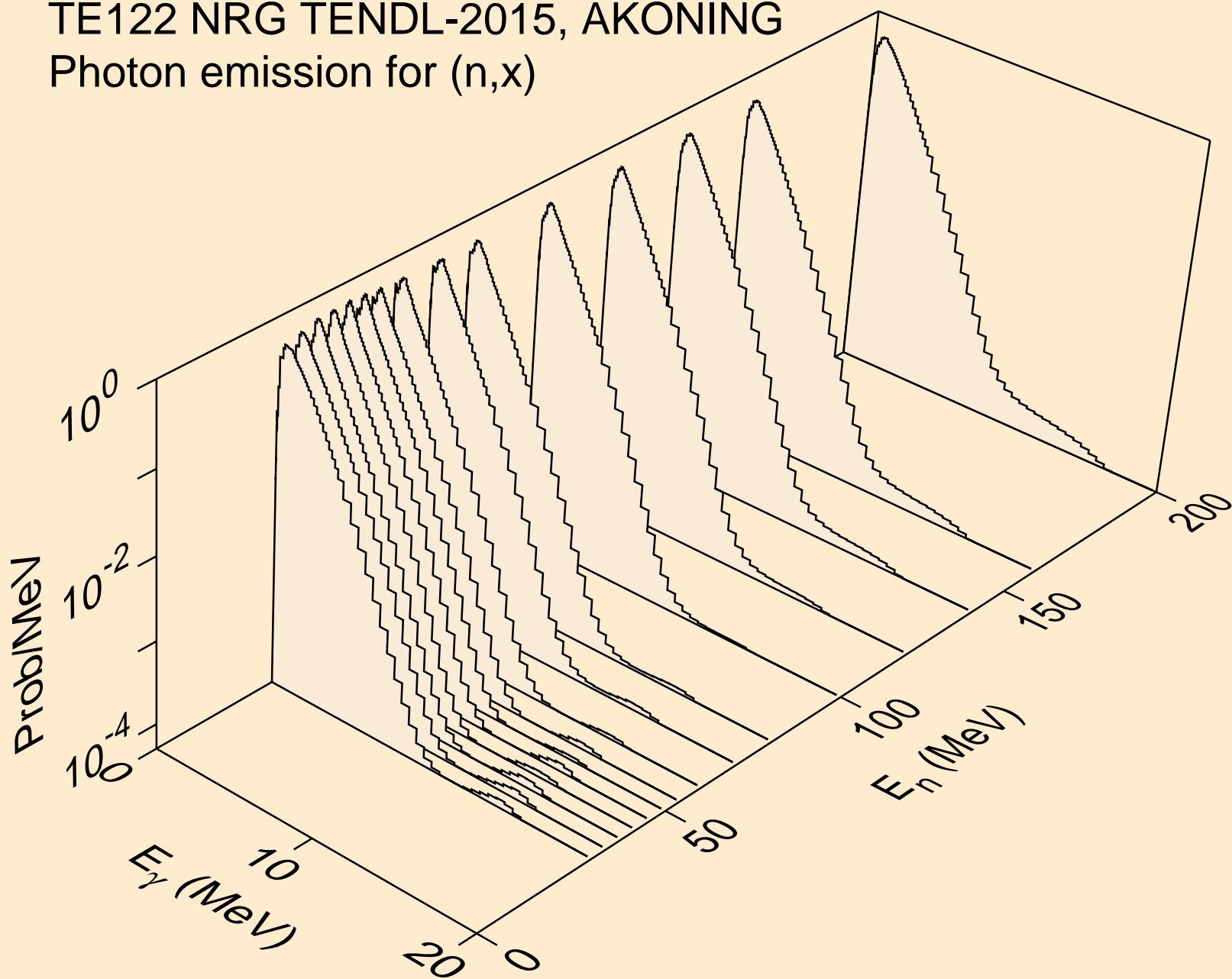
TE122 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



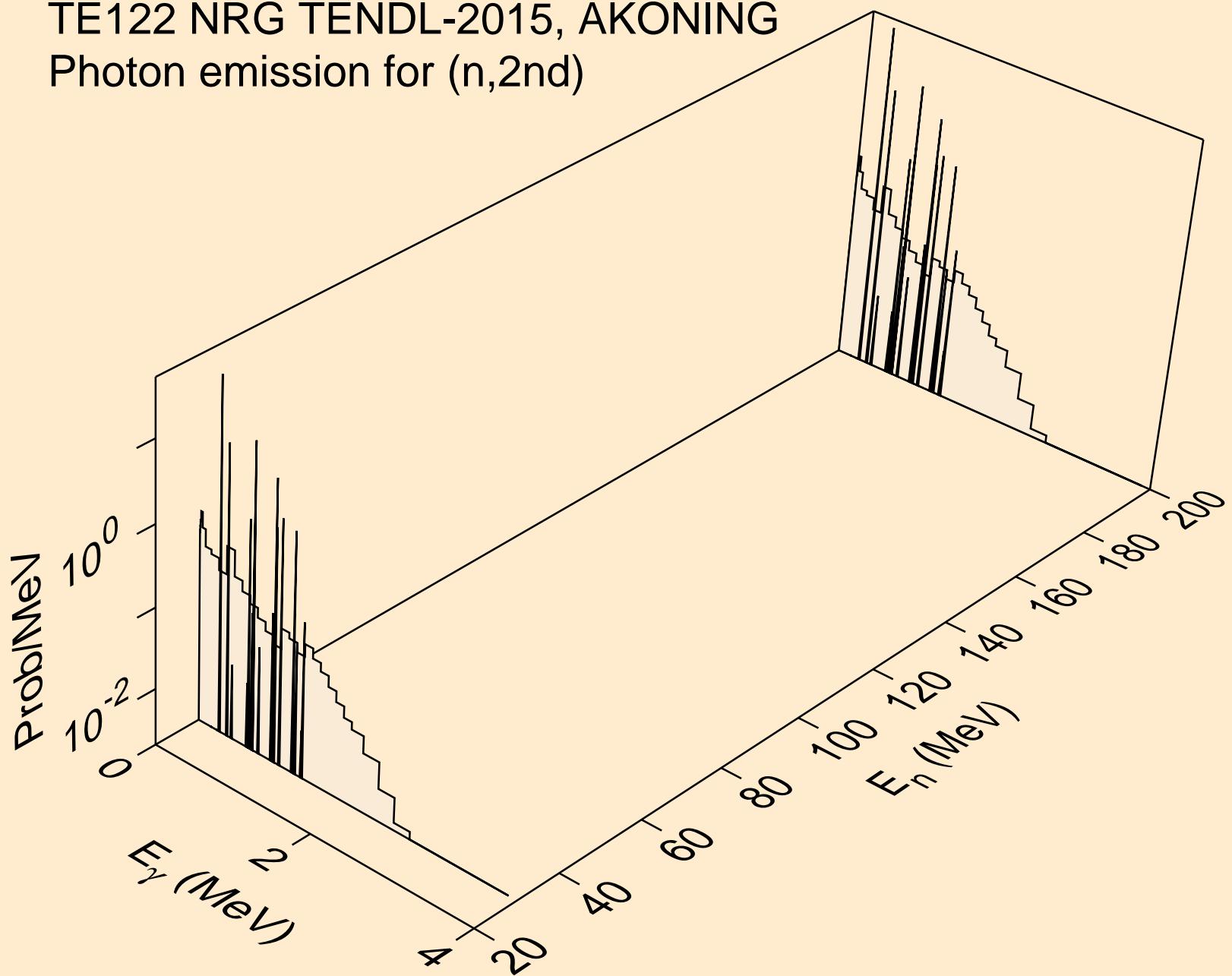
TE122 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



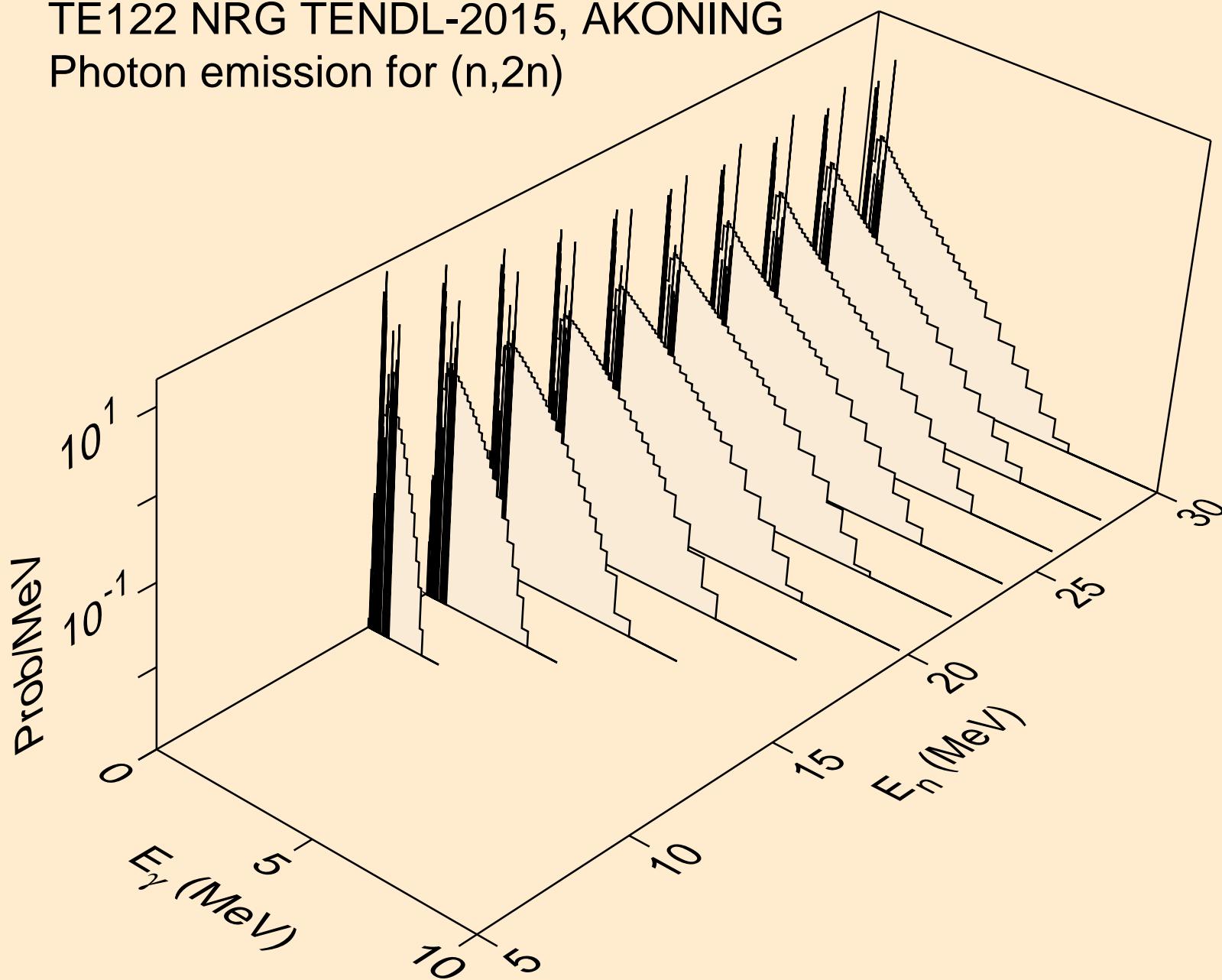
TE122 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



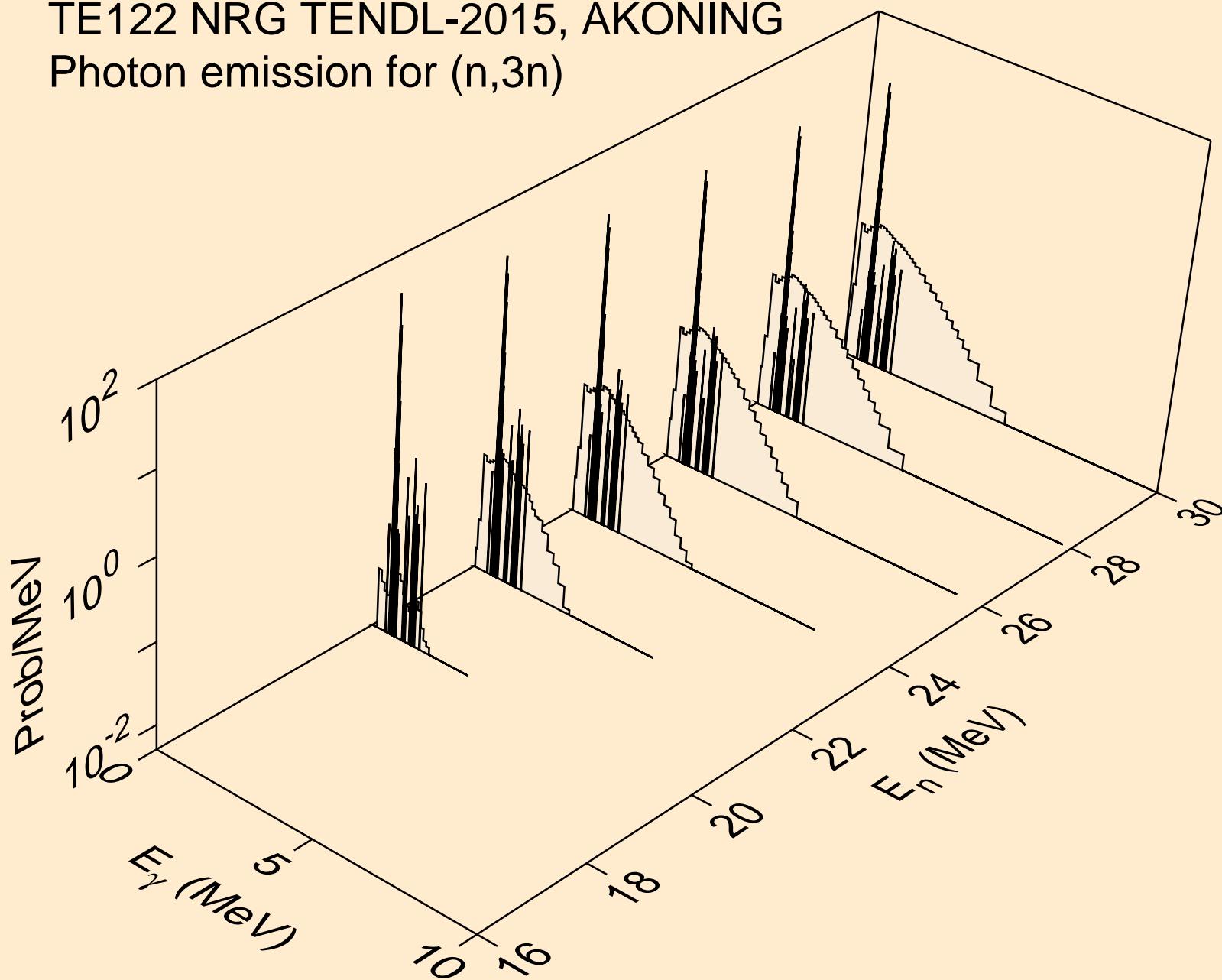
TE122 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



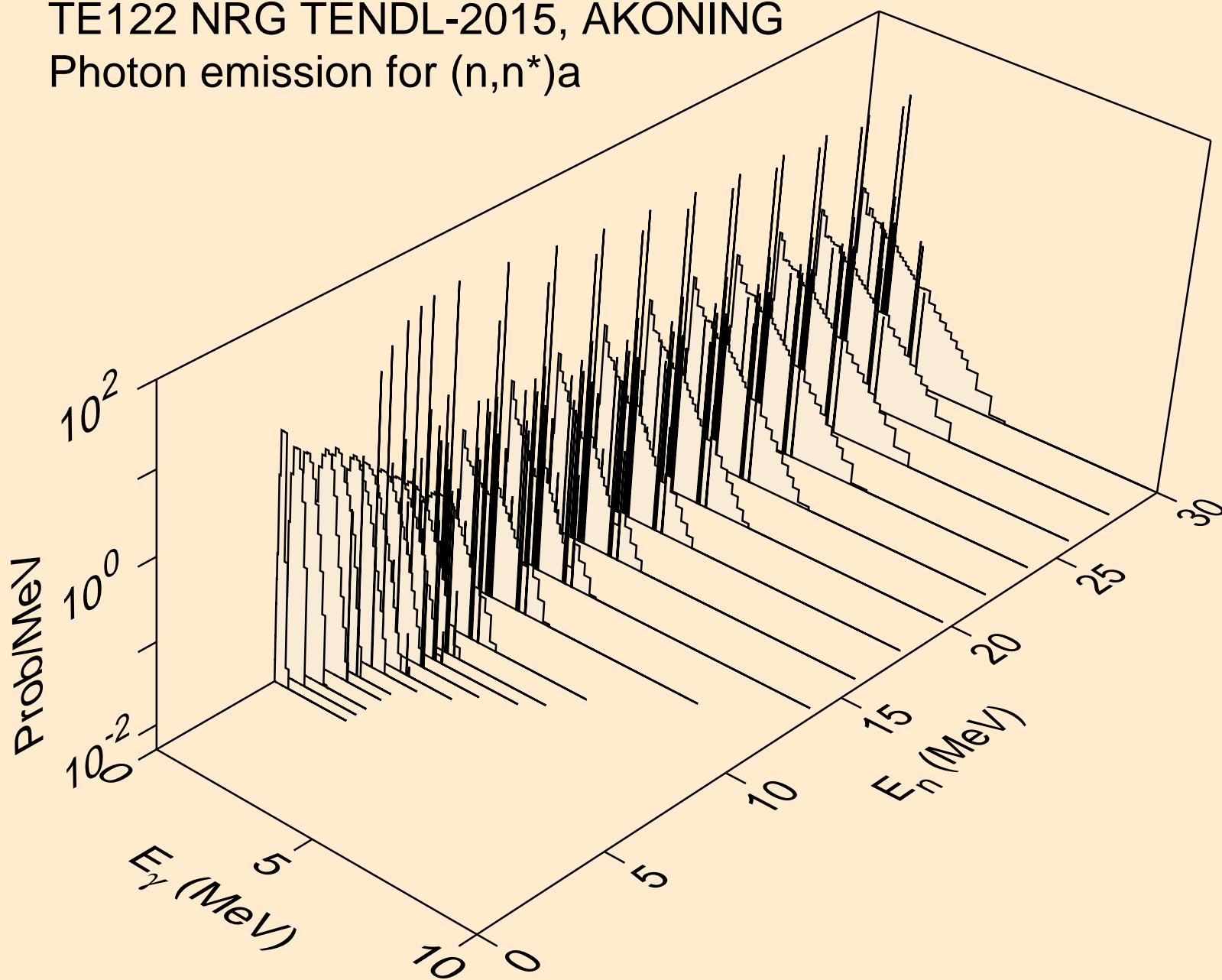
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Photon emission for (n,2n)



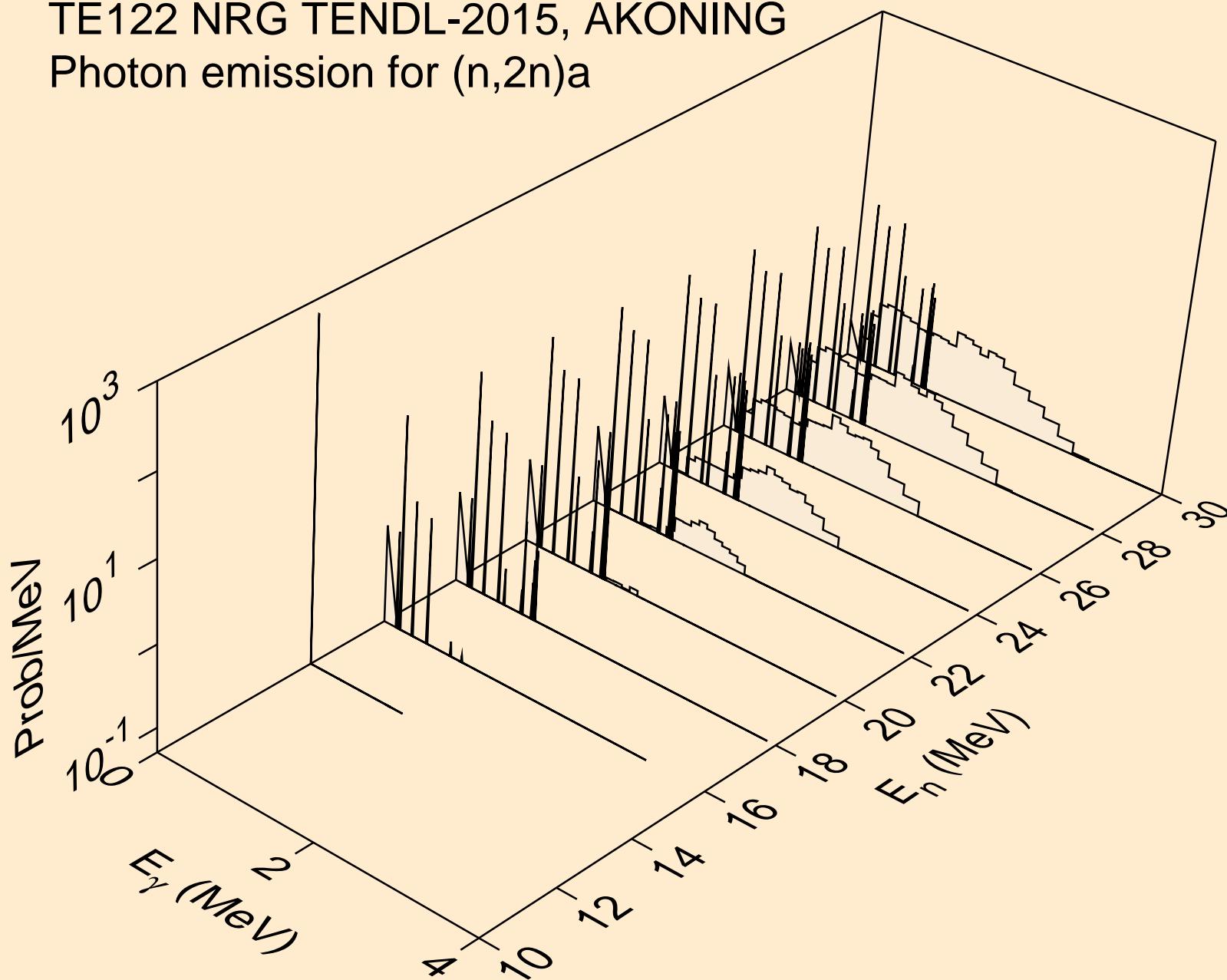
TE122 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



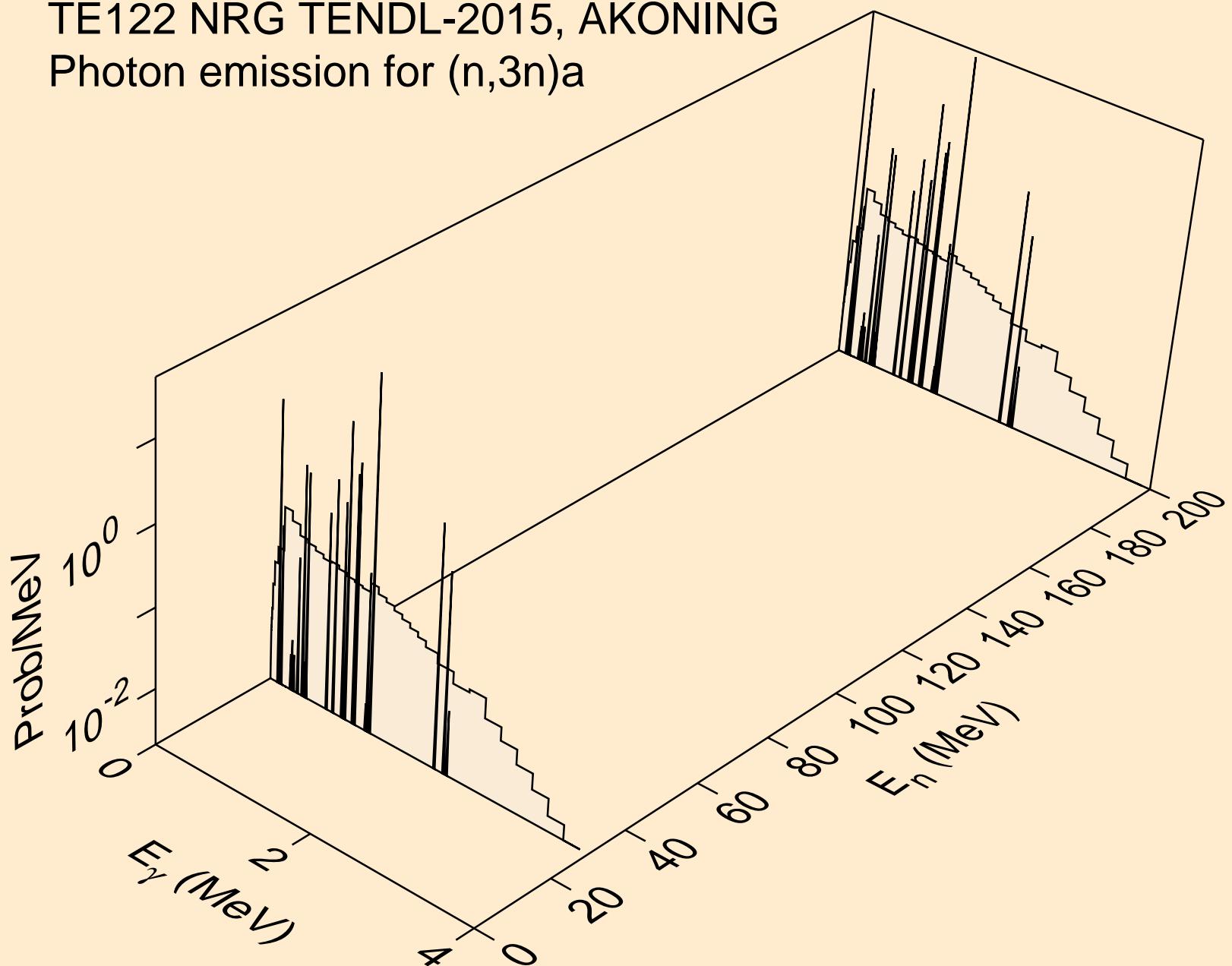
TE122 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)a$



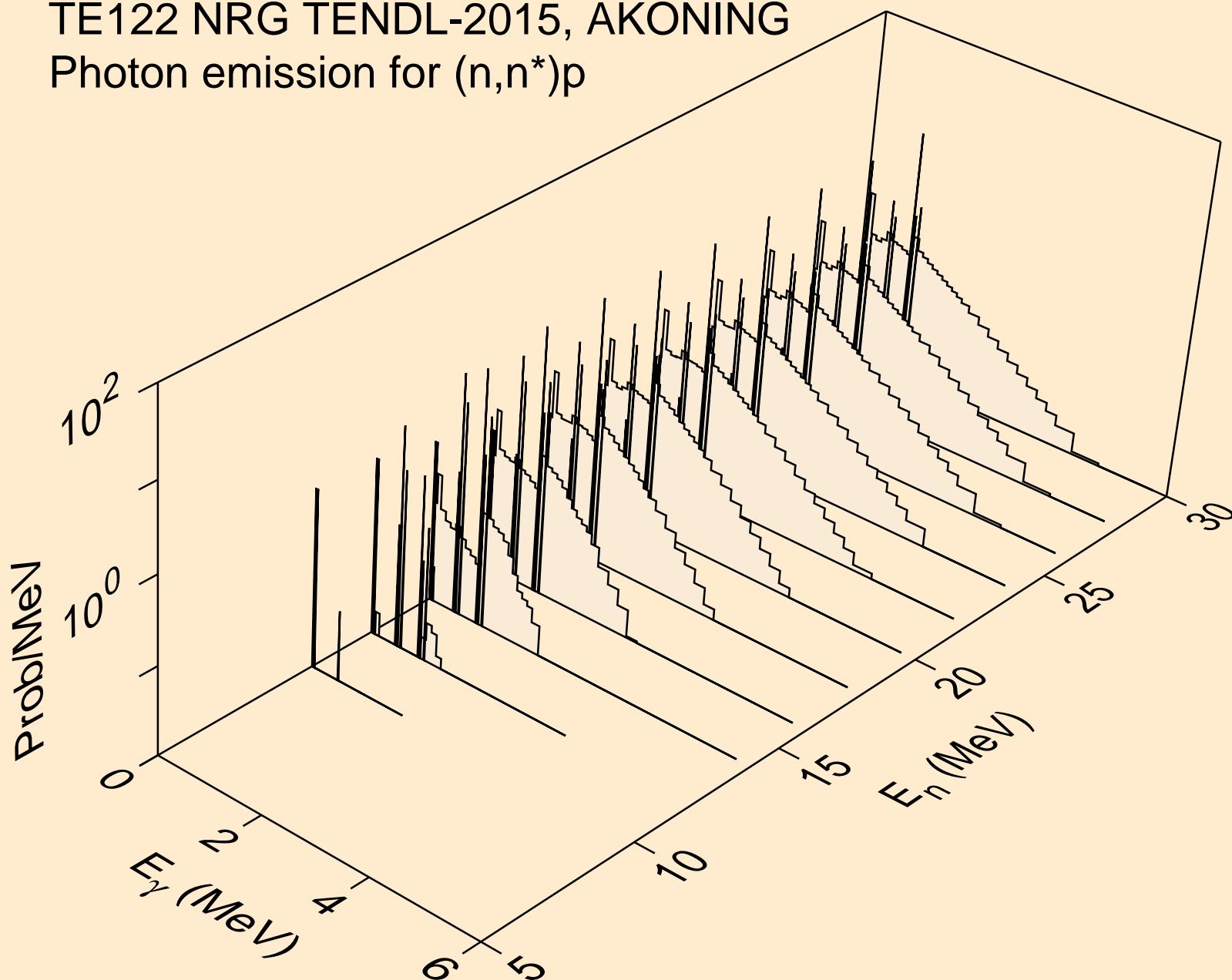
TE122 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



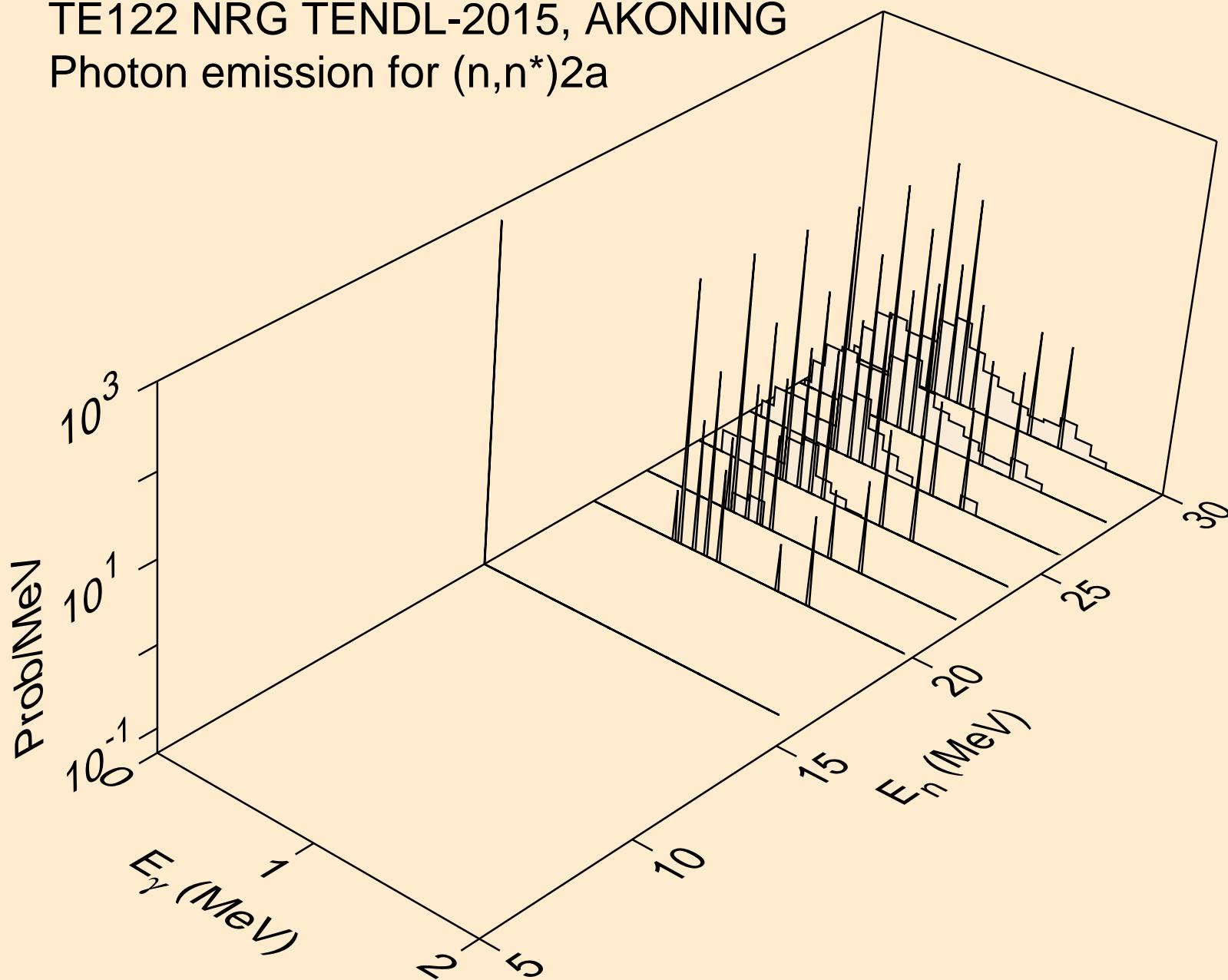
TE122 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



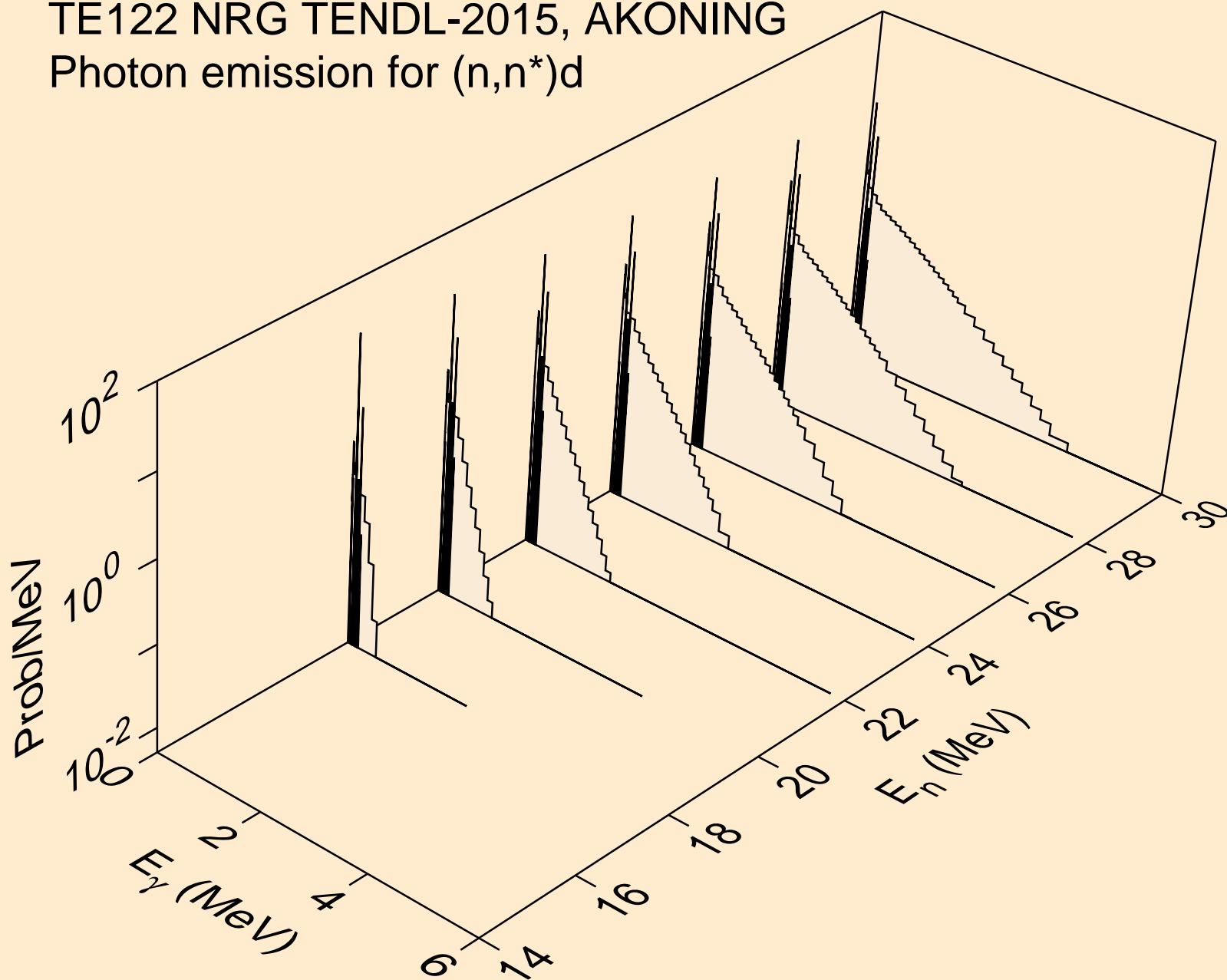
TE122 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)p$



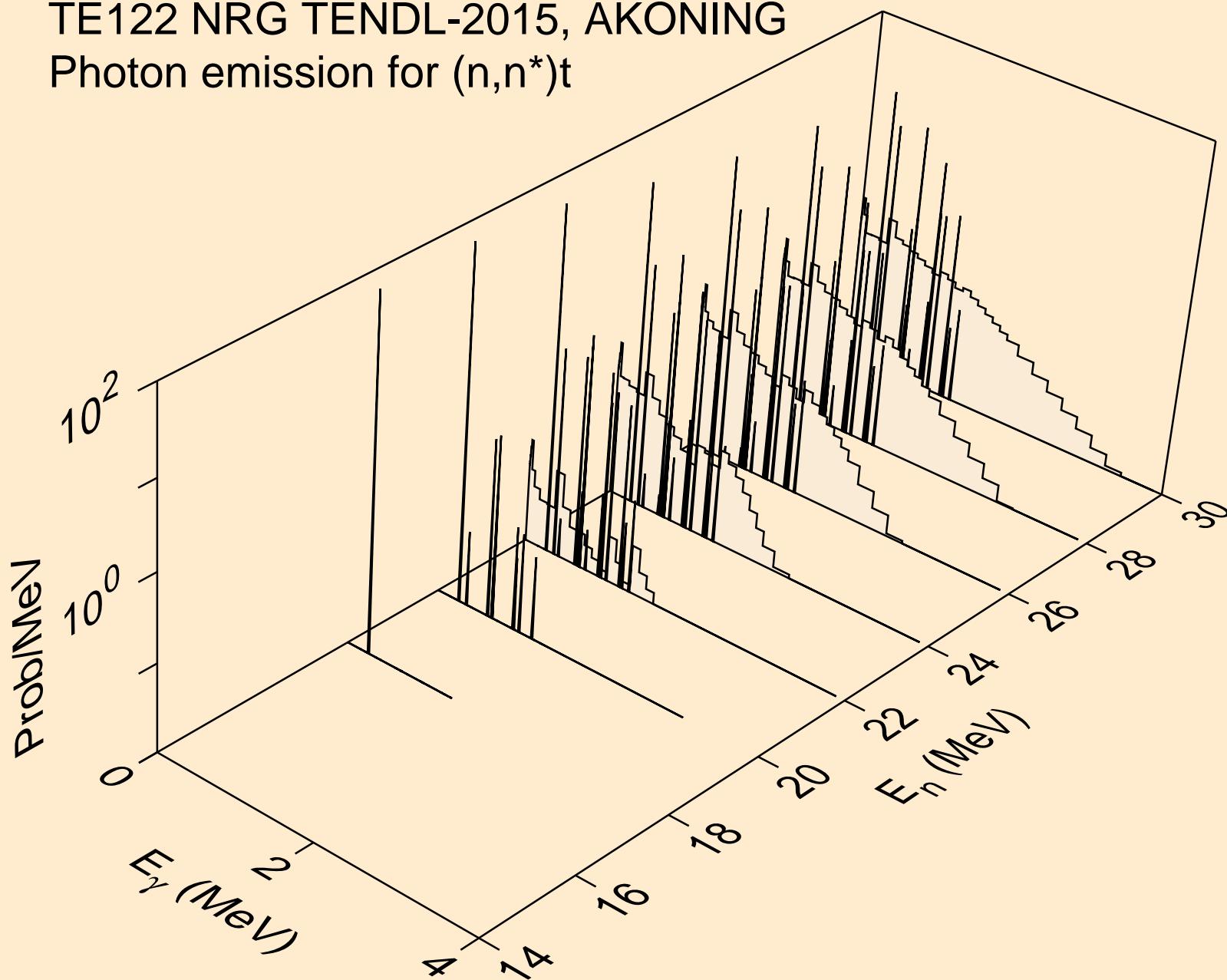
TE122 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)2a$



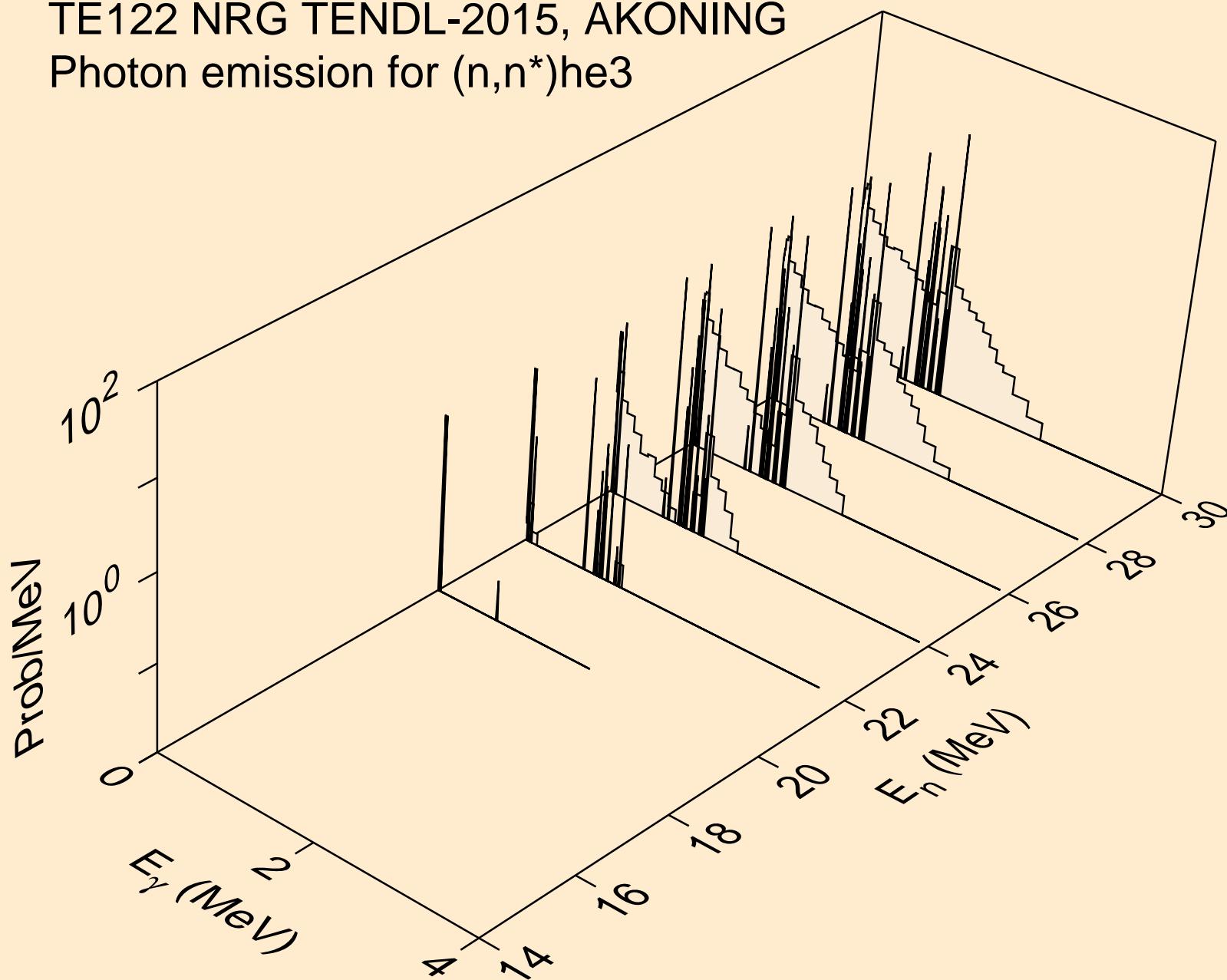
TE122 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)d$



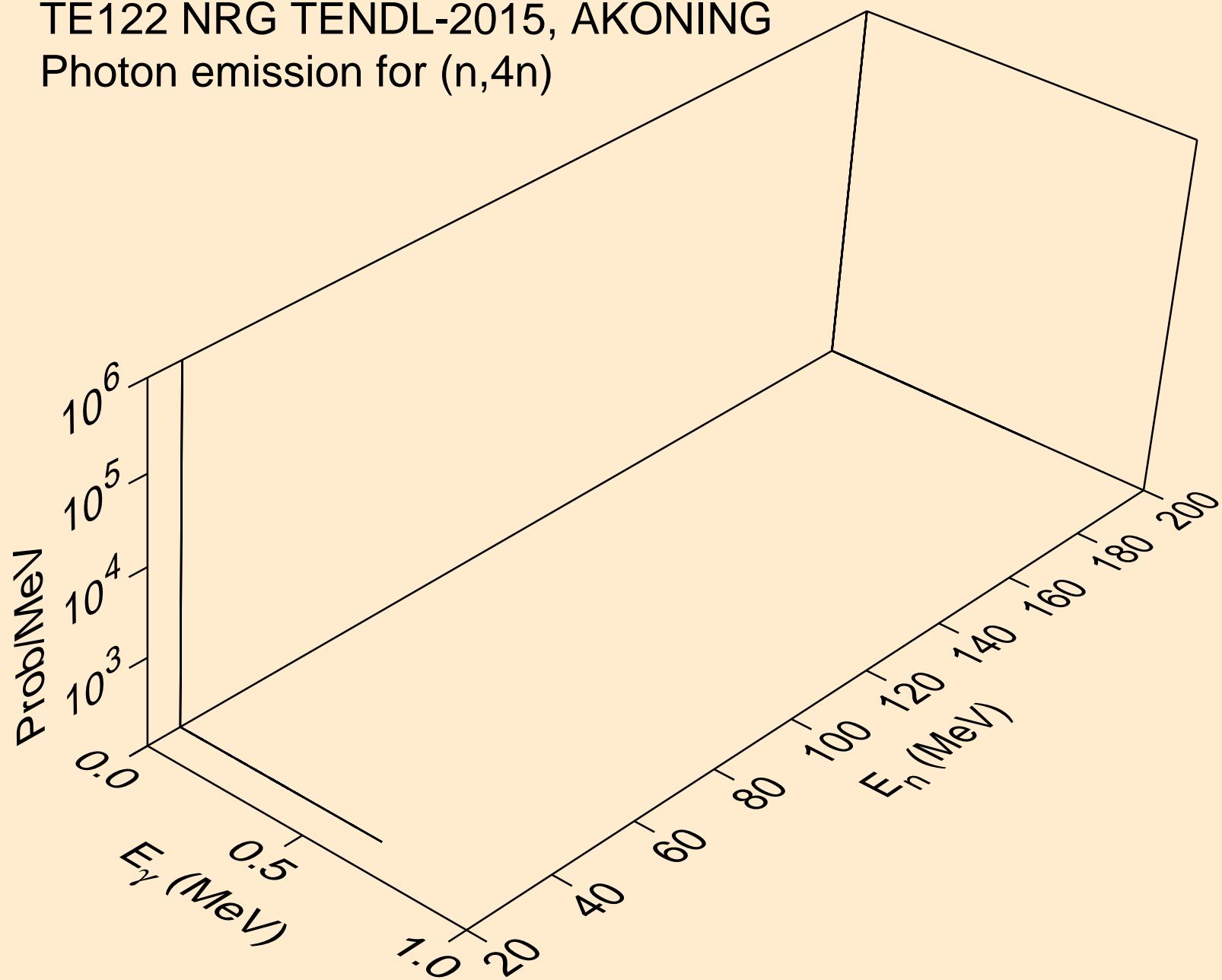
TE122 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)t$



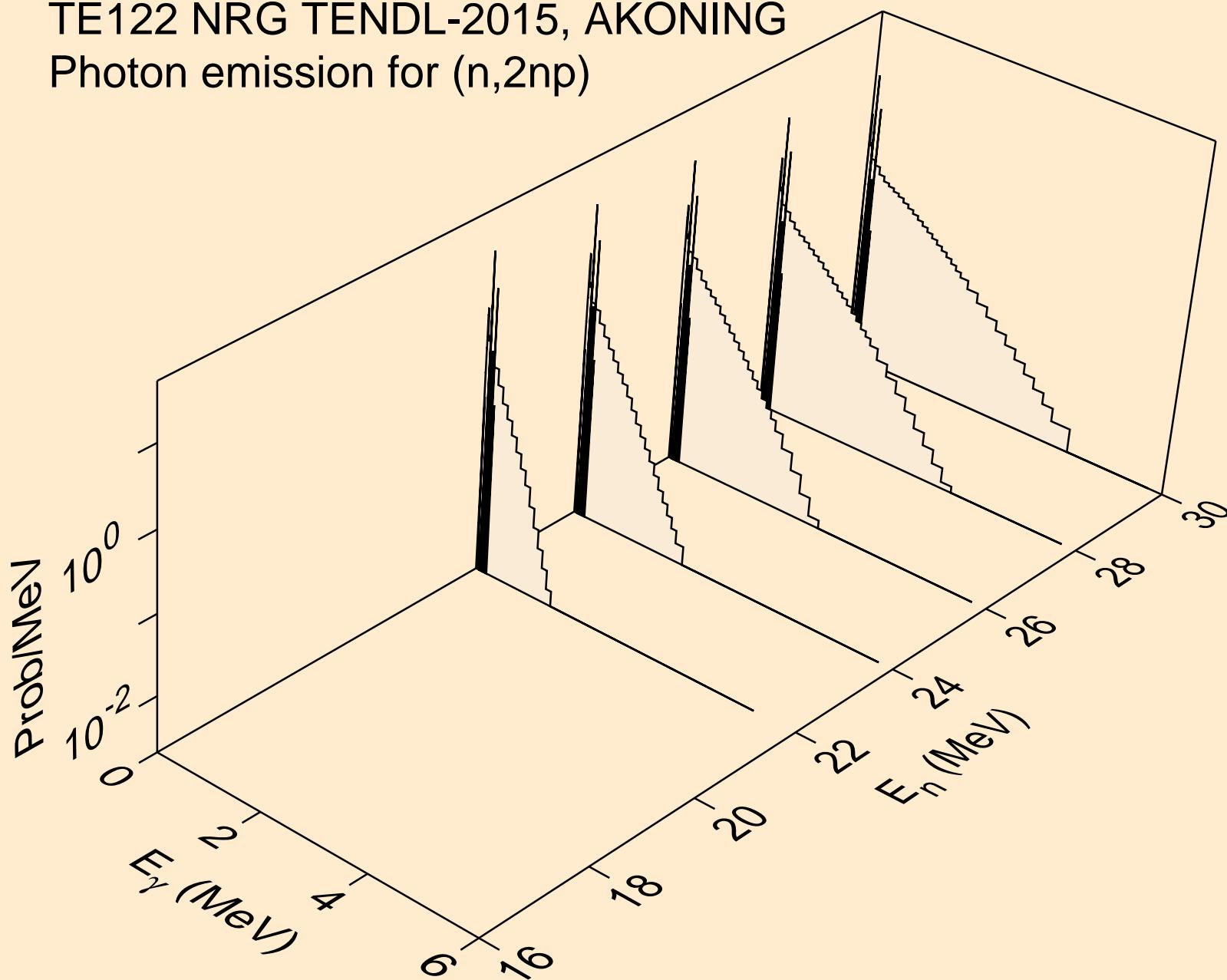
TE122 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)\text{he3}$



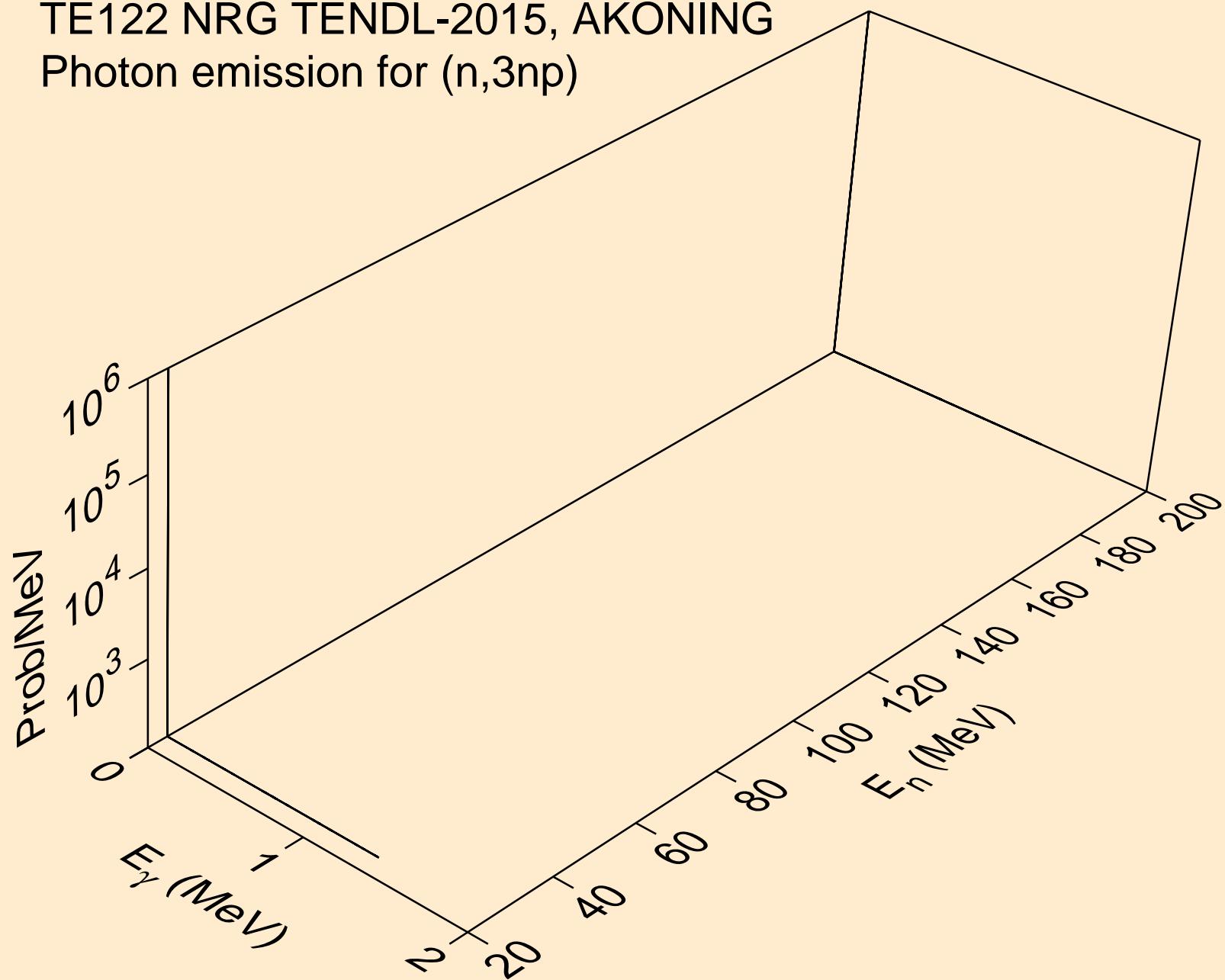
TE122 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



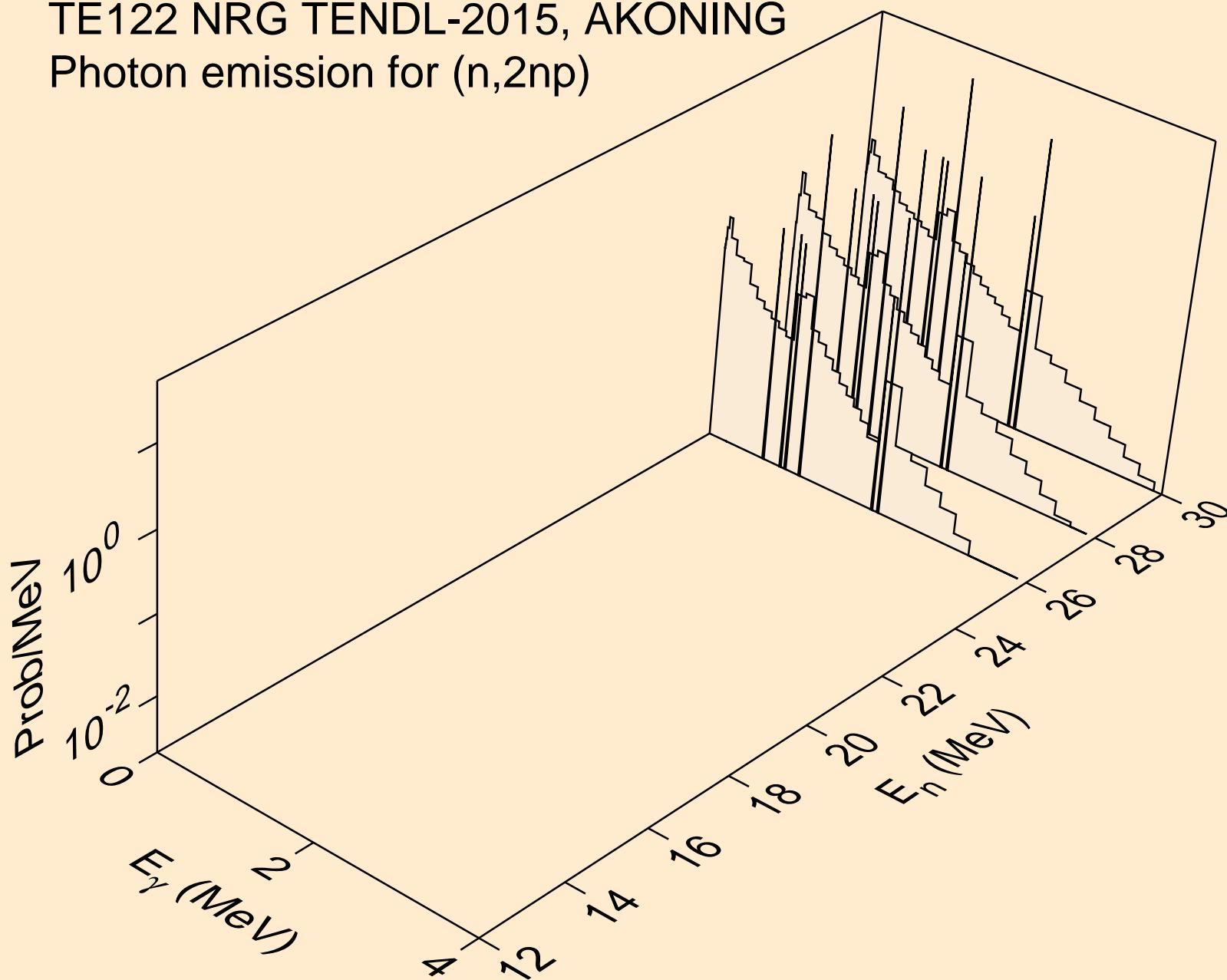
TE122 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



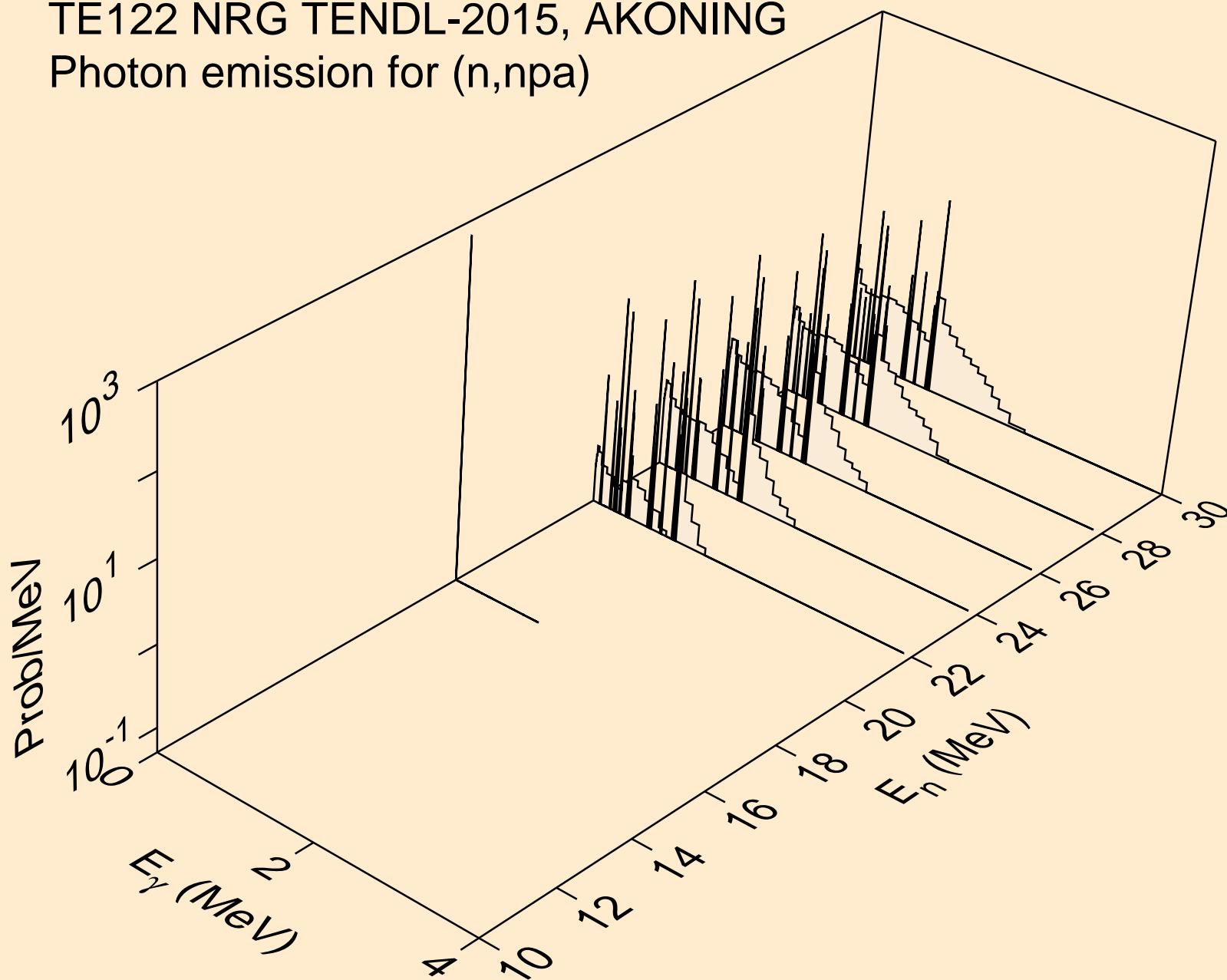
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Photon emission for (n,3np)



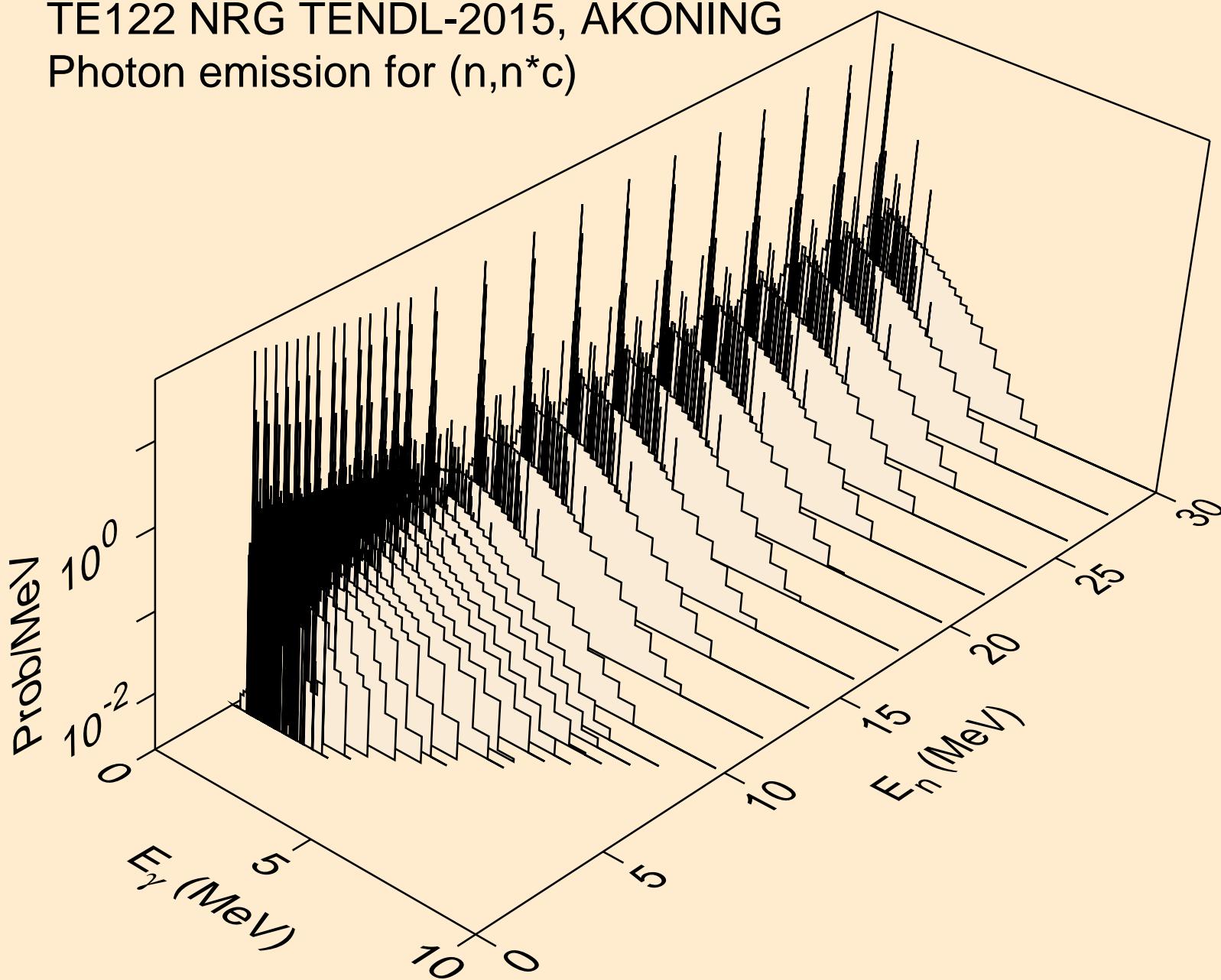
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Photon emission for (n,2np)



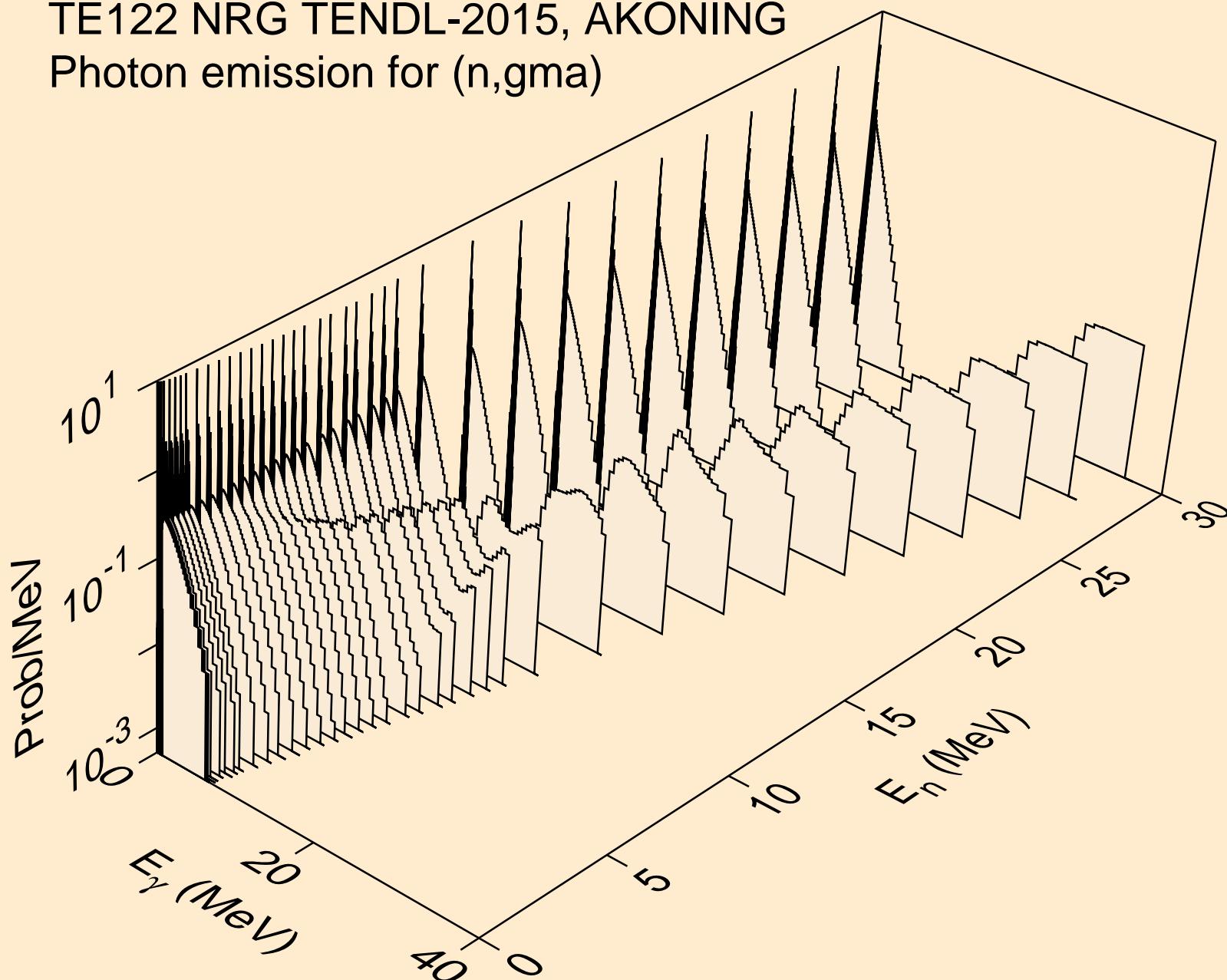
TE122 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



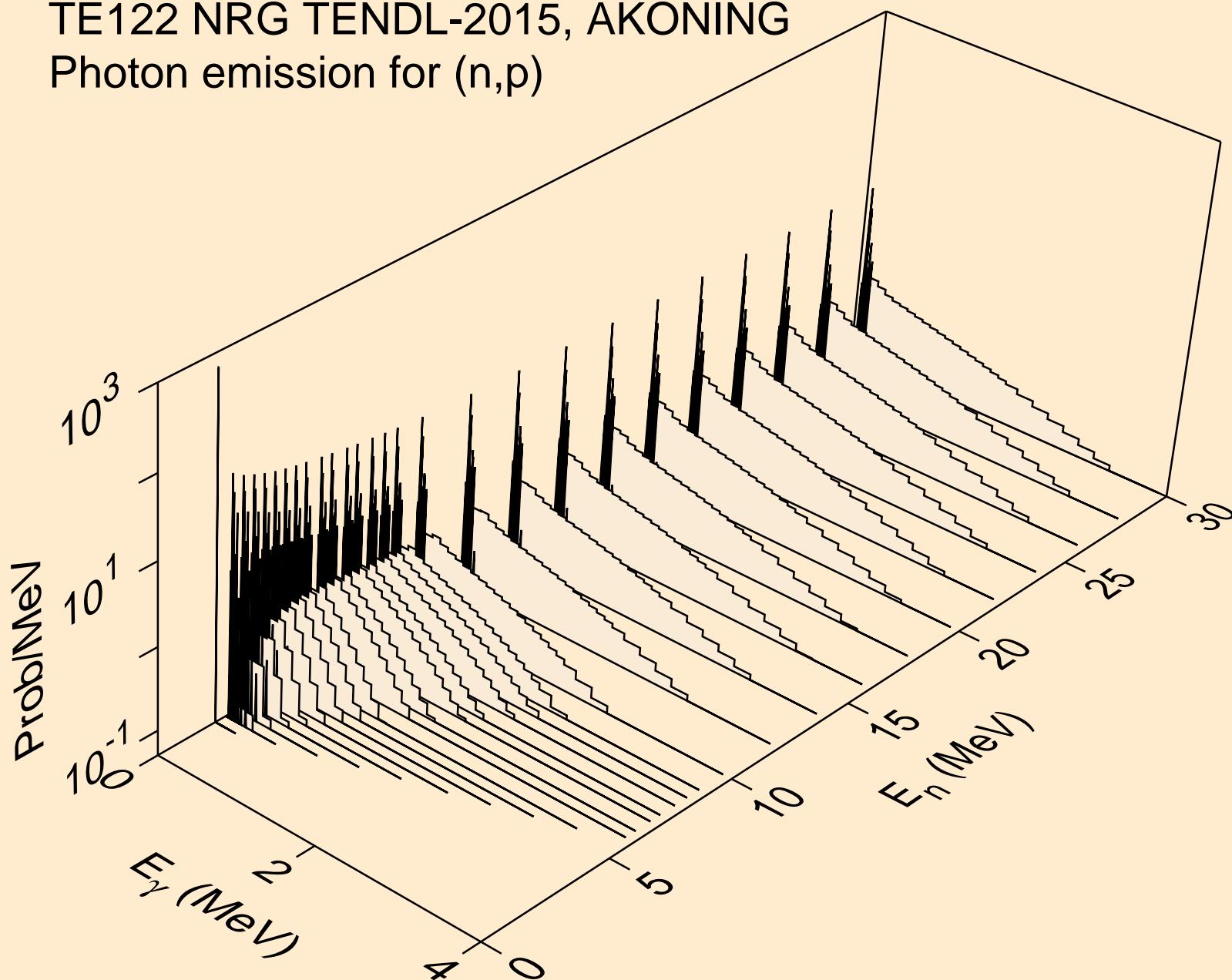
TE122 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



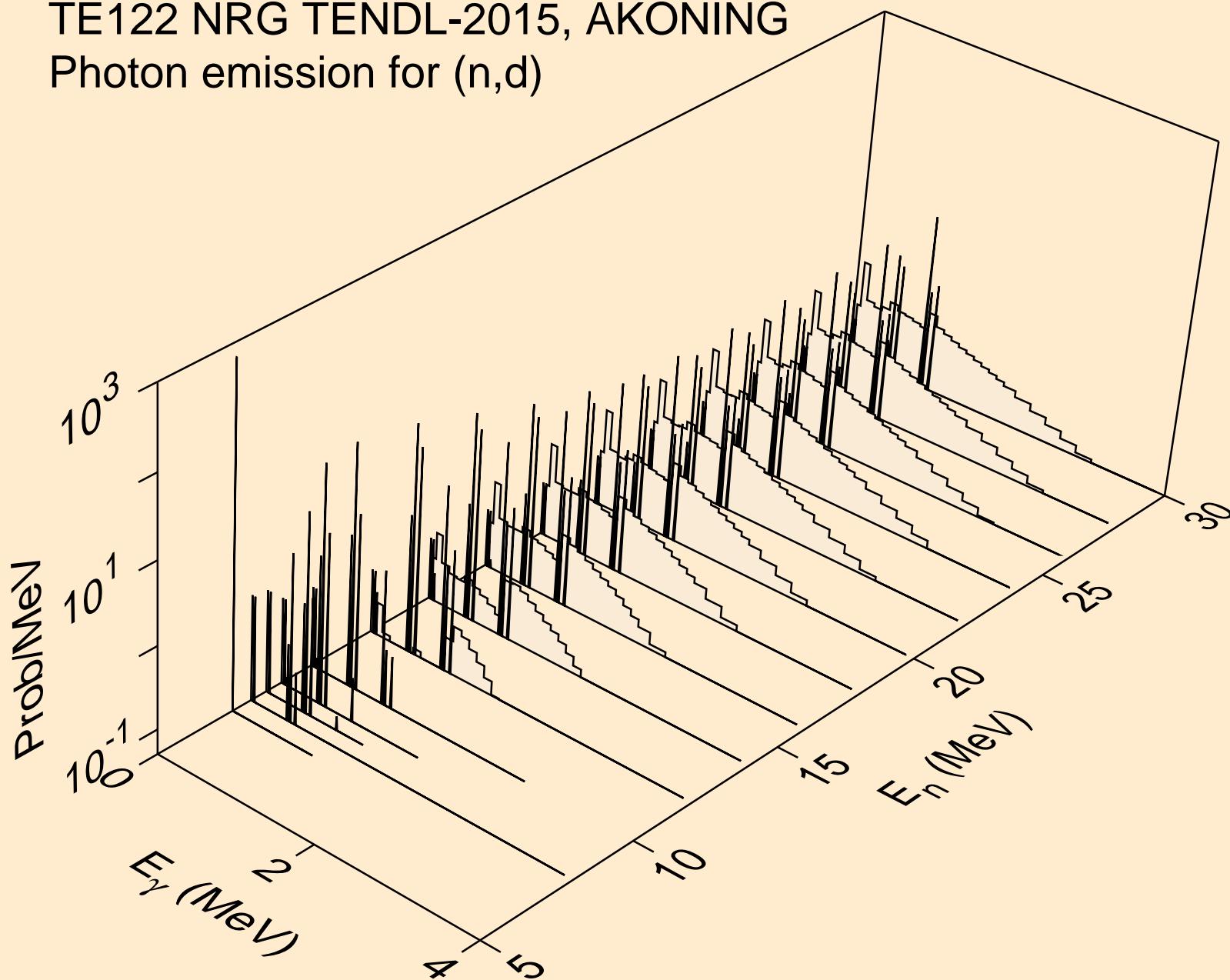
TE122 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



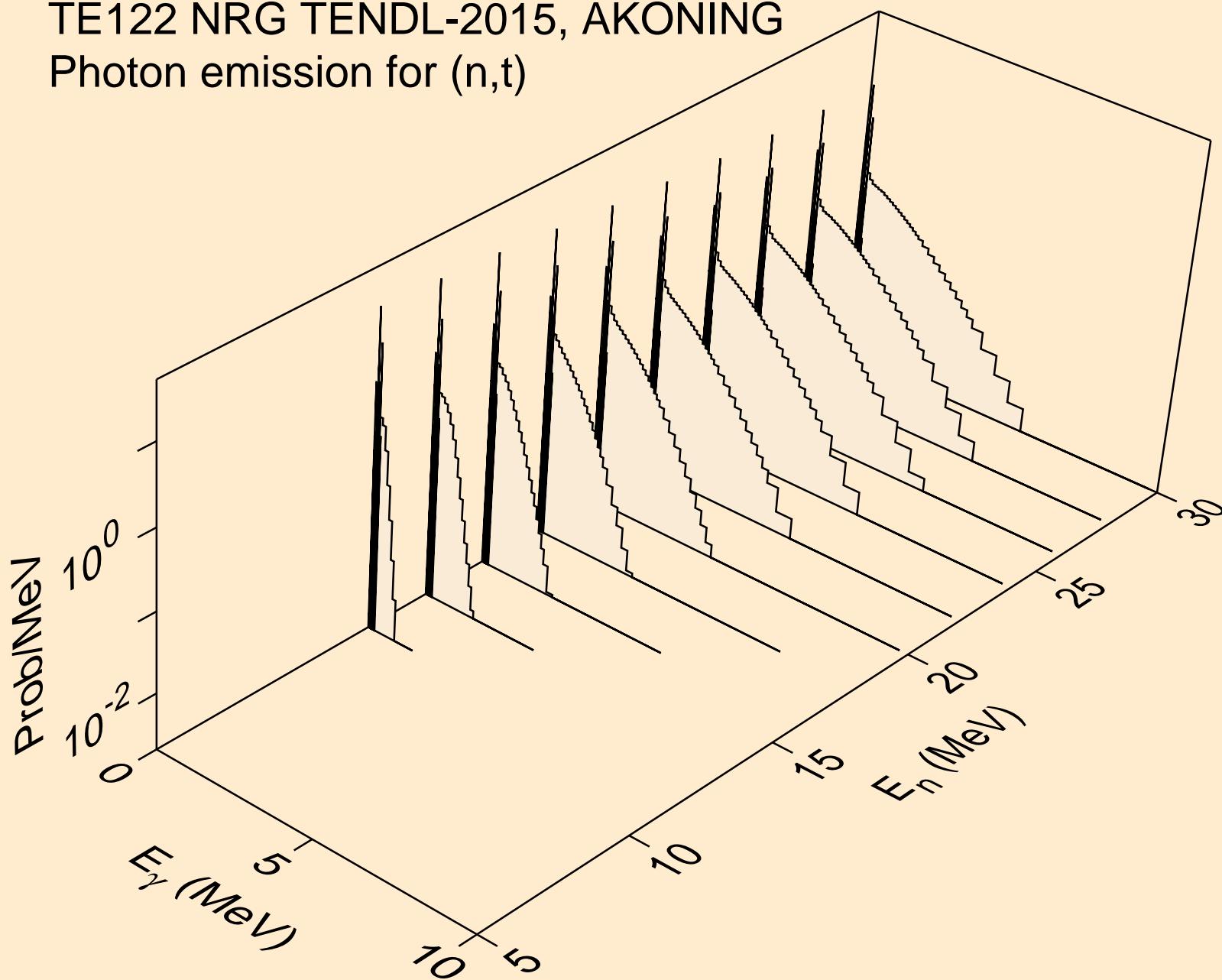
TE122 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



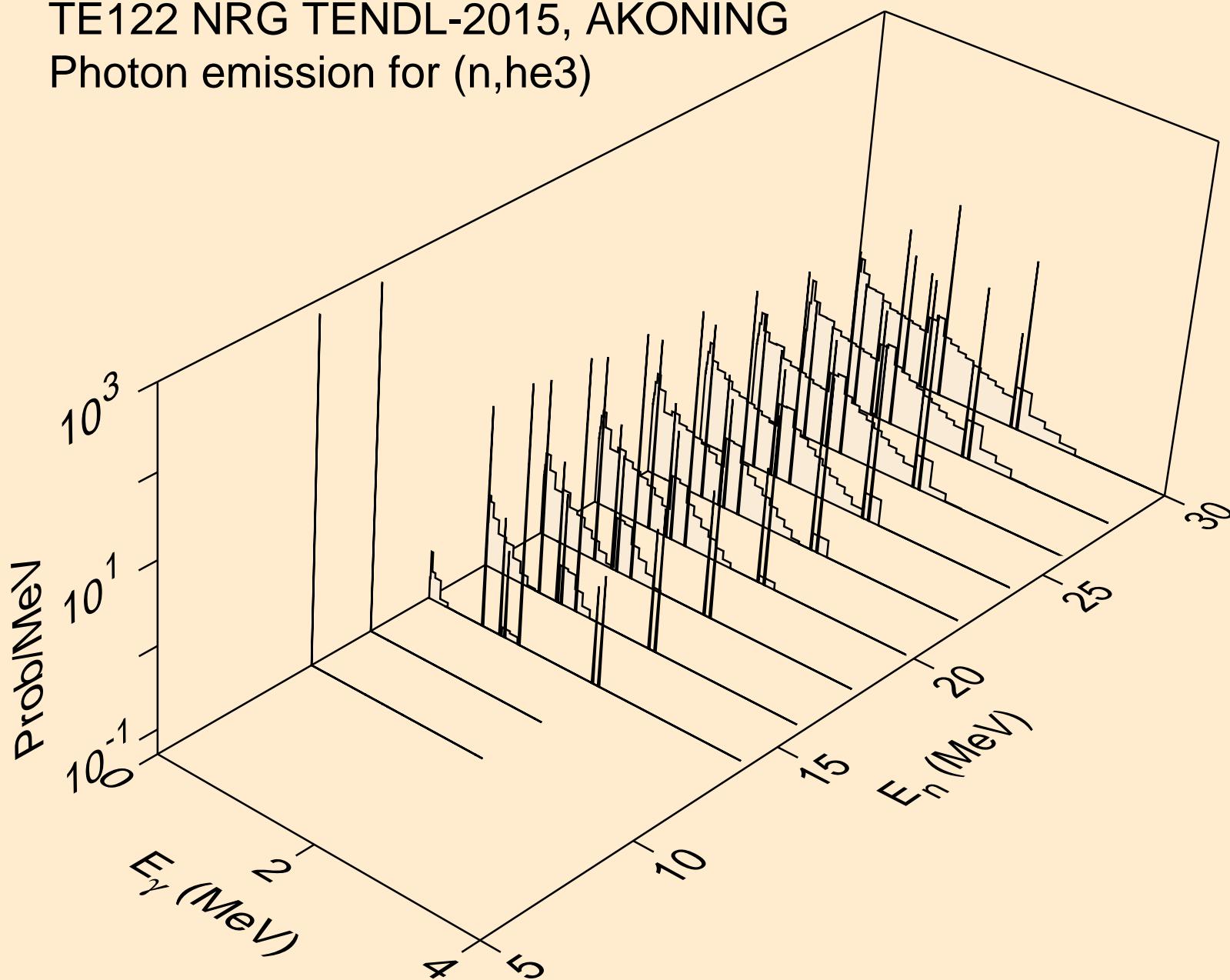
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Photon emission for (n,d)



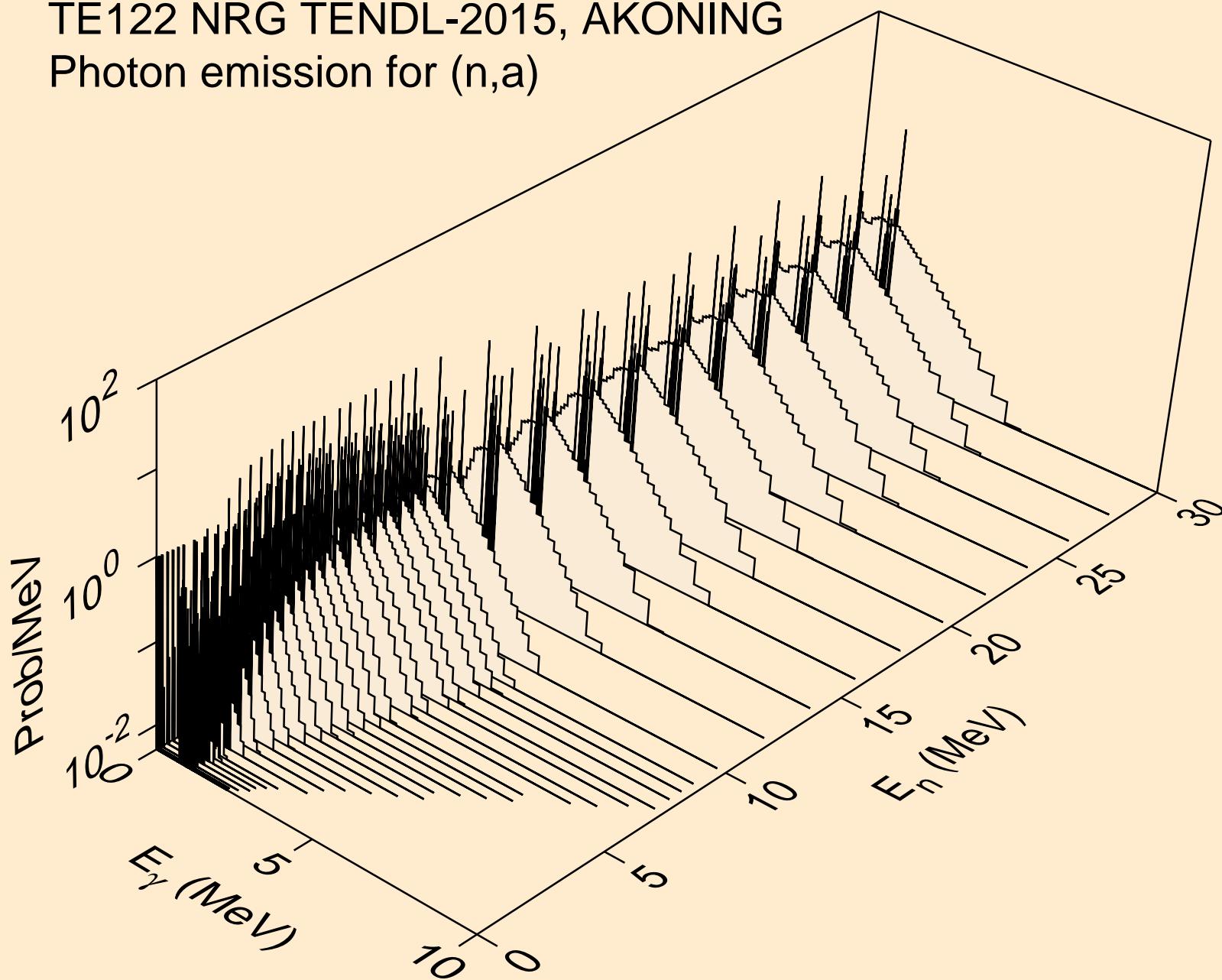
TE122 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



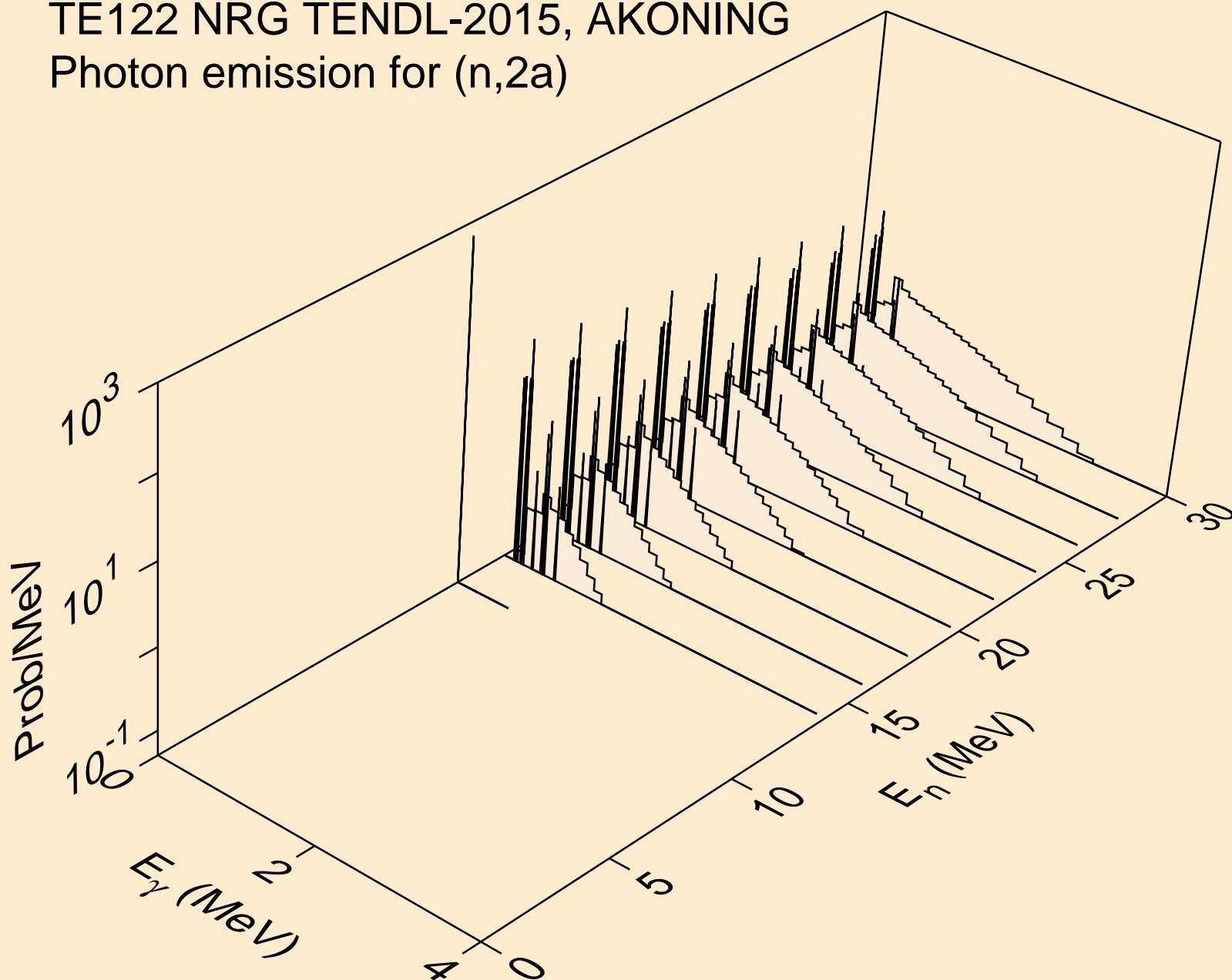
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Photon emission for (n,he3)



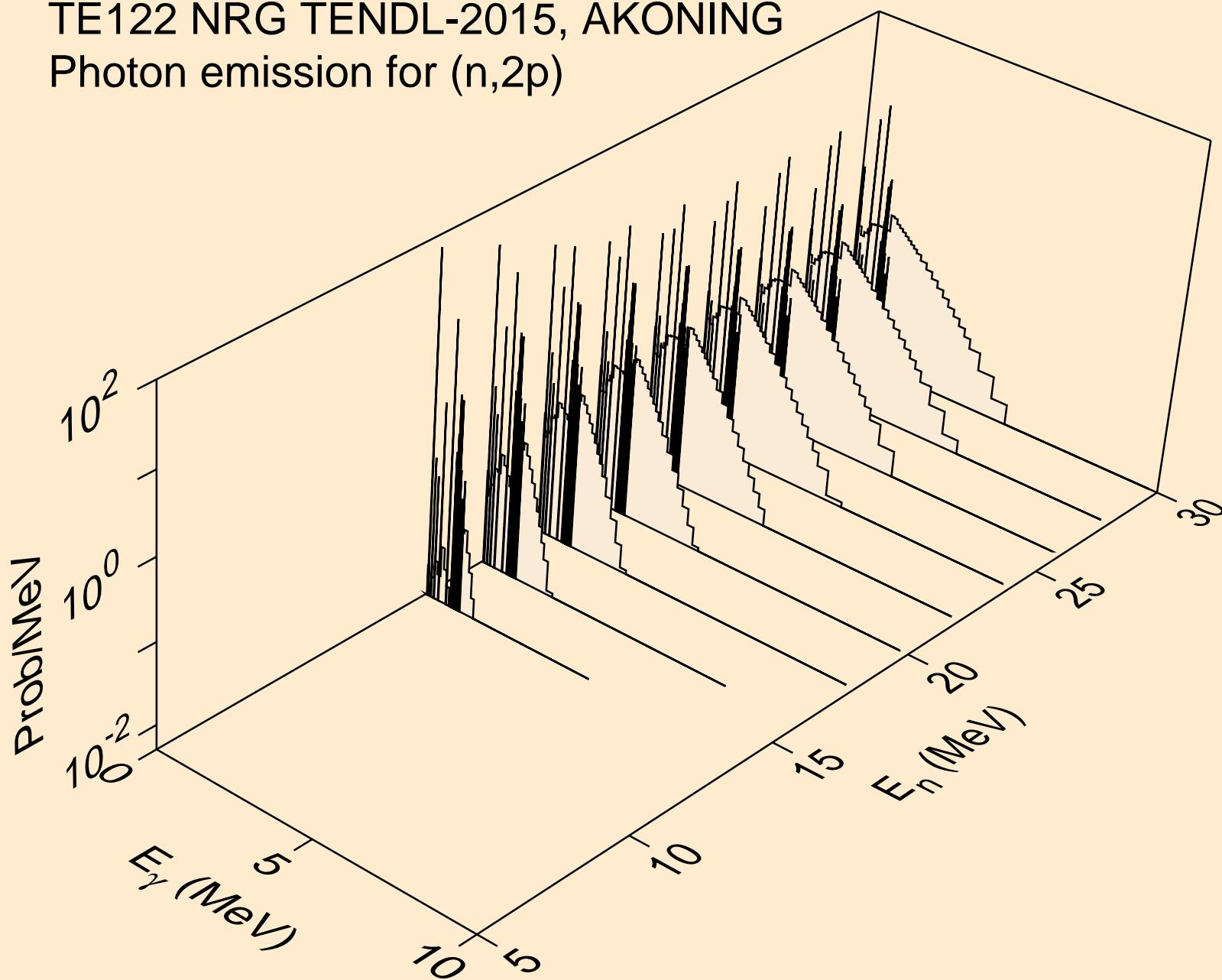
TE122 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



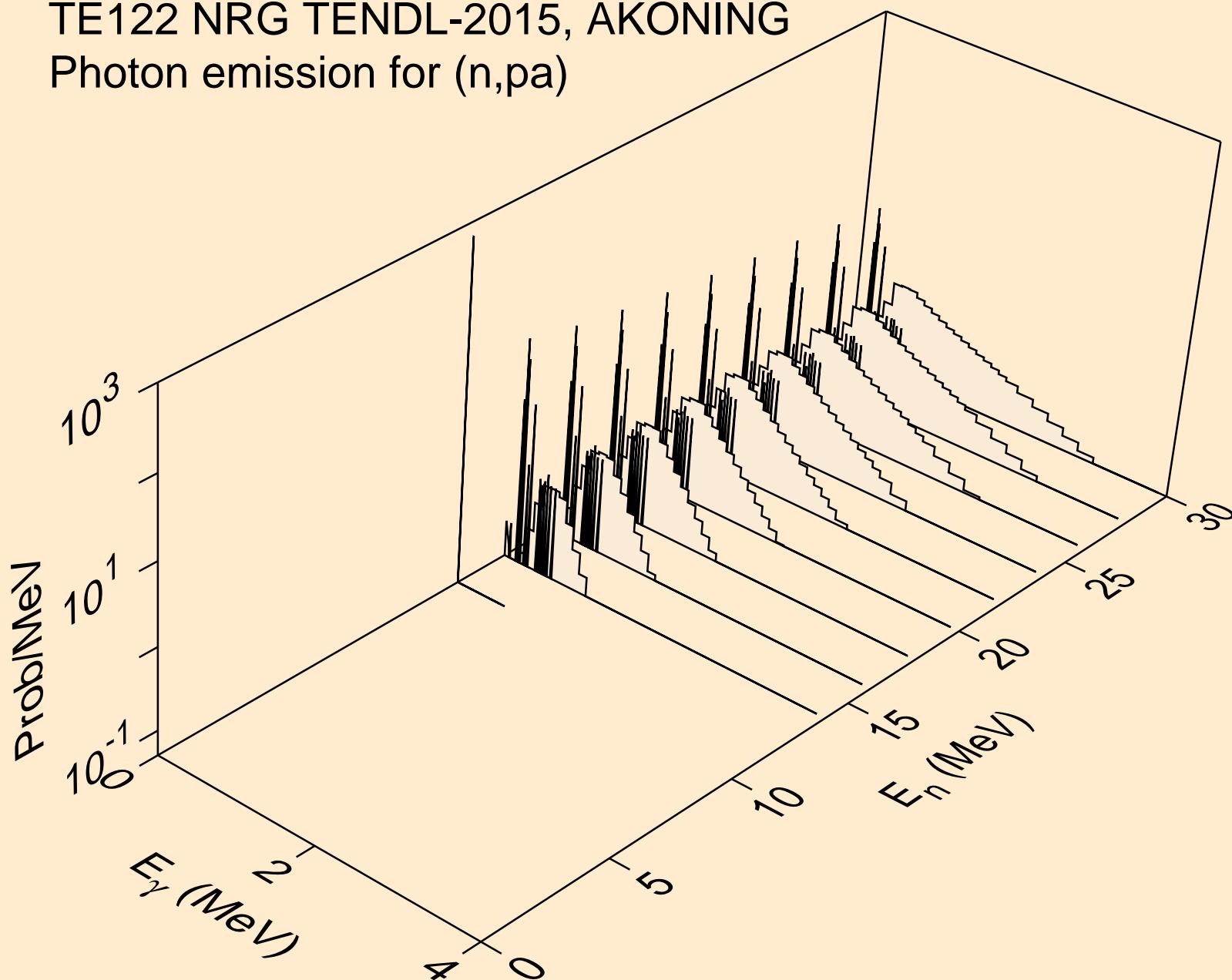
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Photon emission for (n,2a)



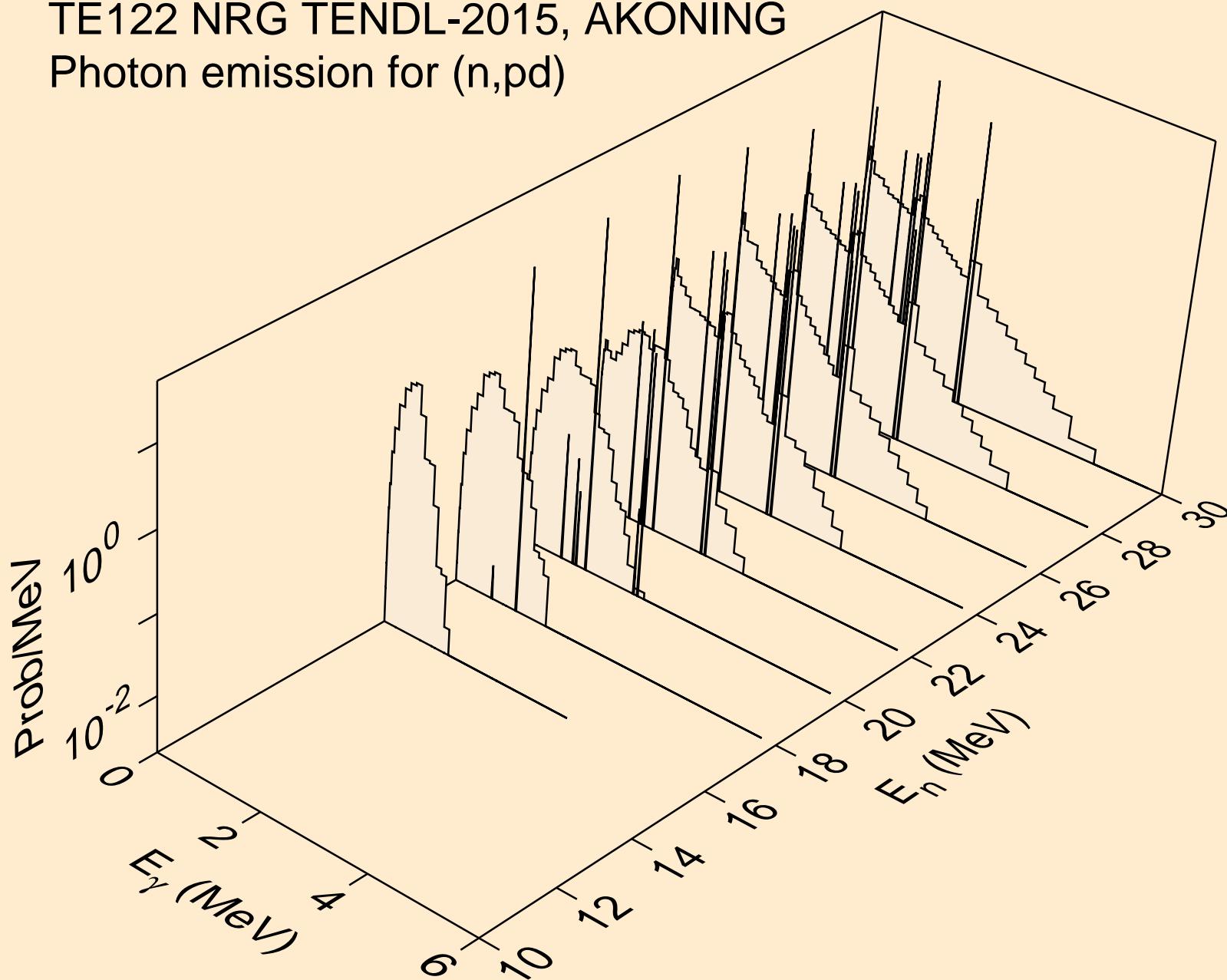
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Photon emission for (n,2p)



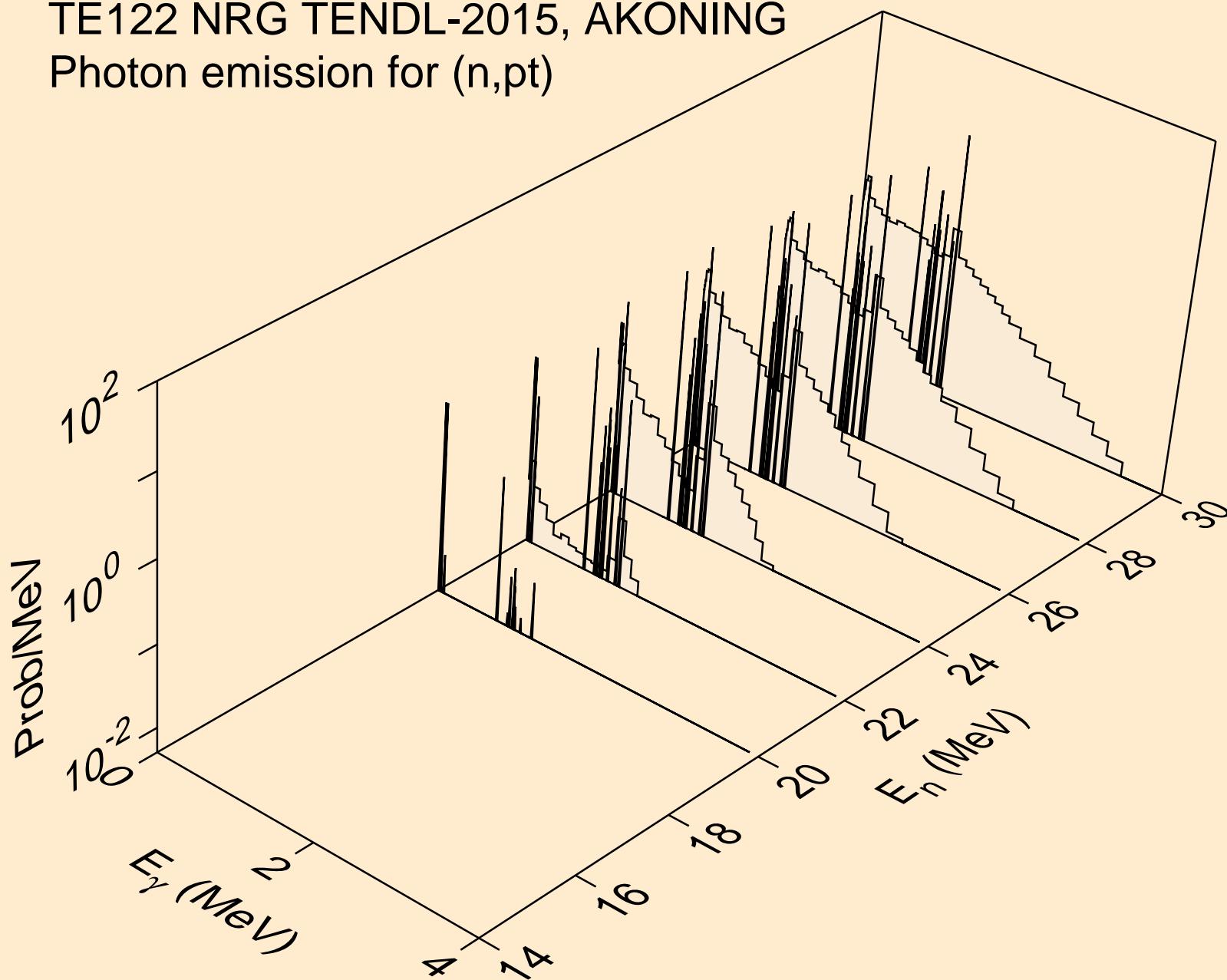
TE122 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



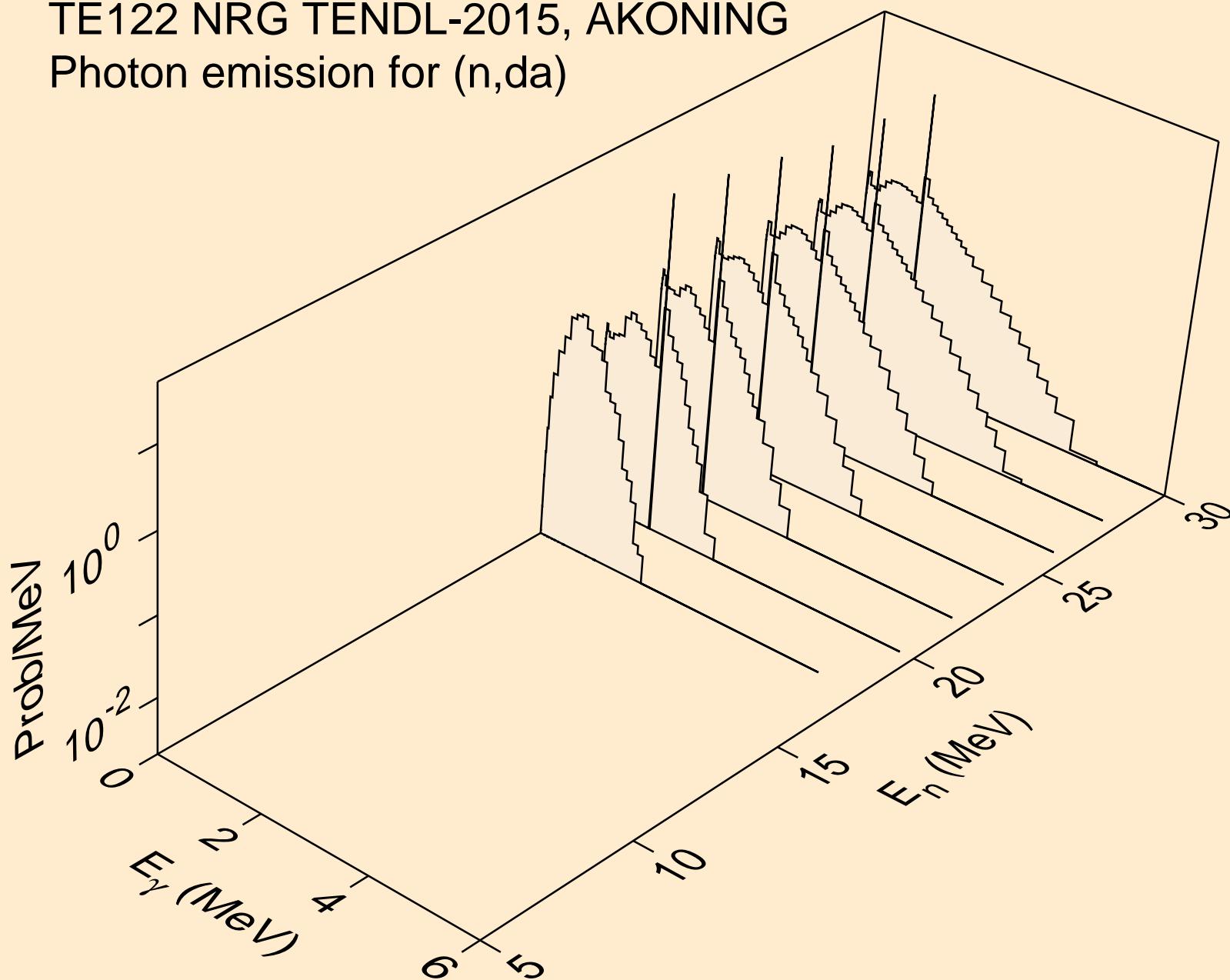
TE122 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



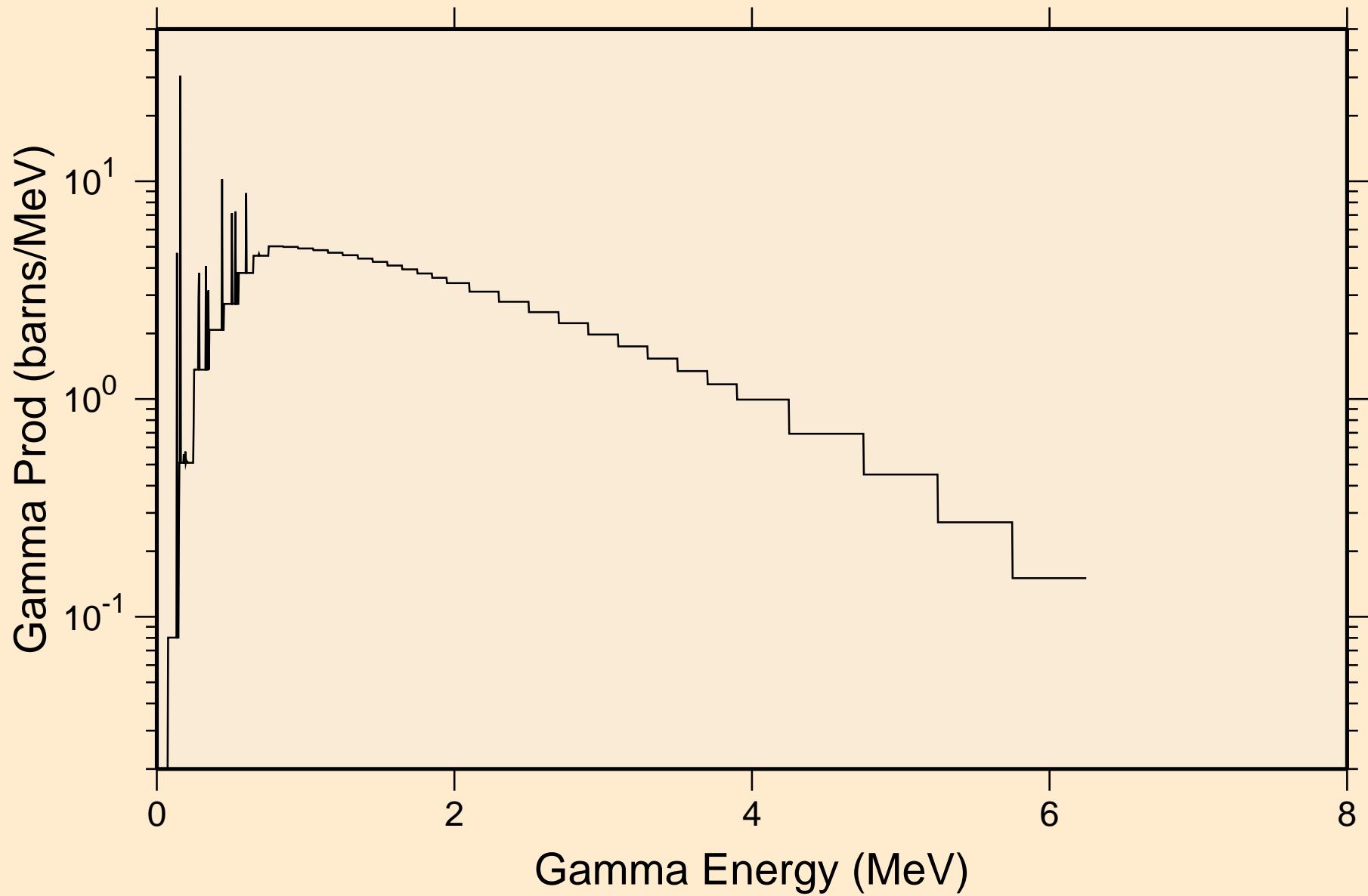
TE122 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



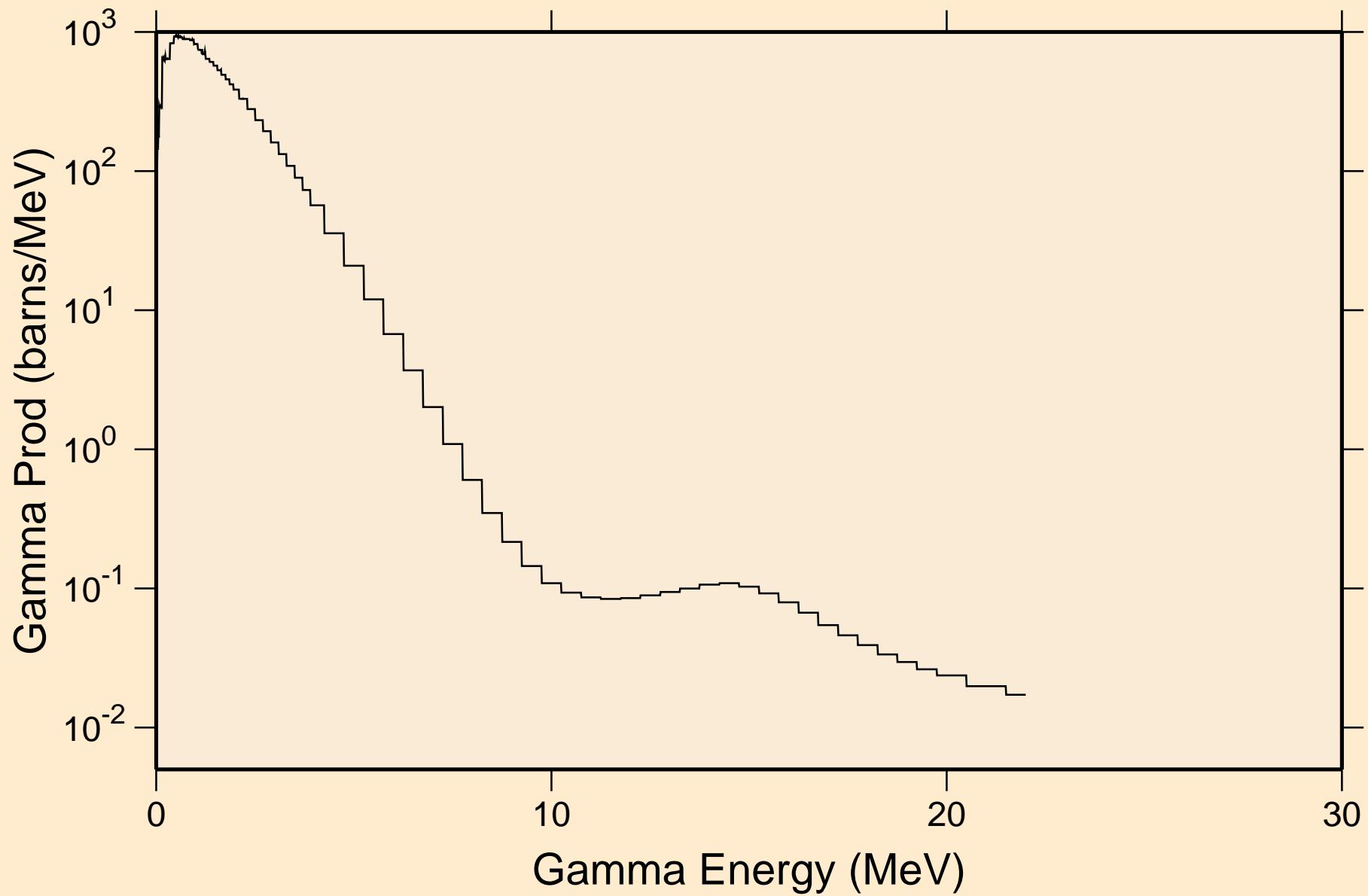
TE122 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



TE122 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

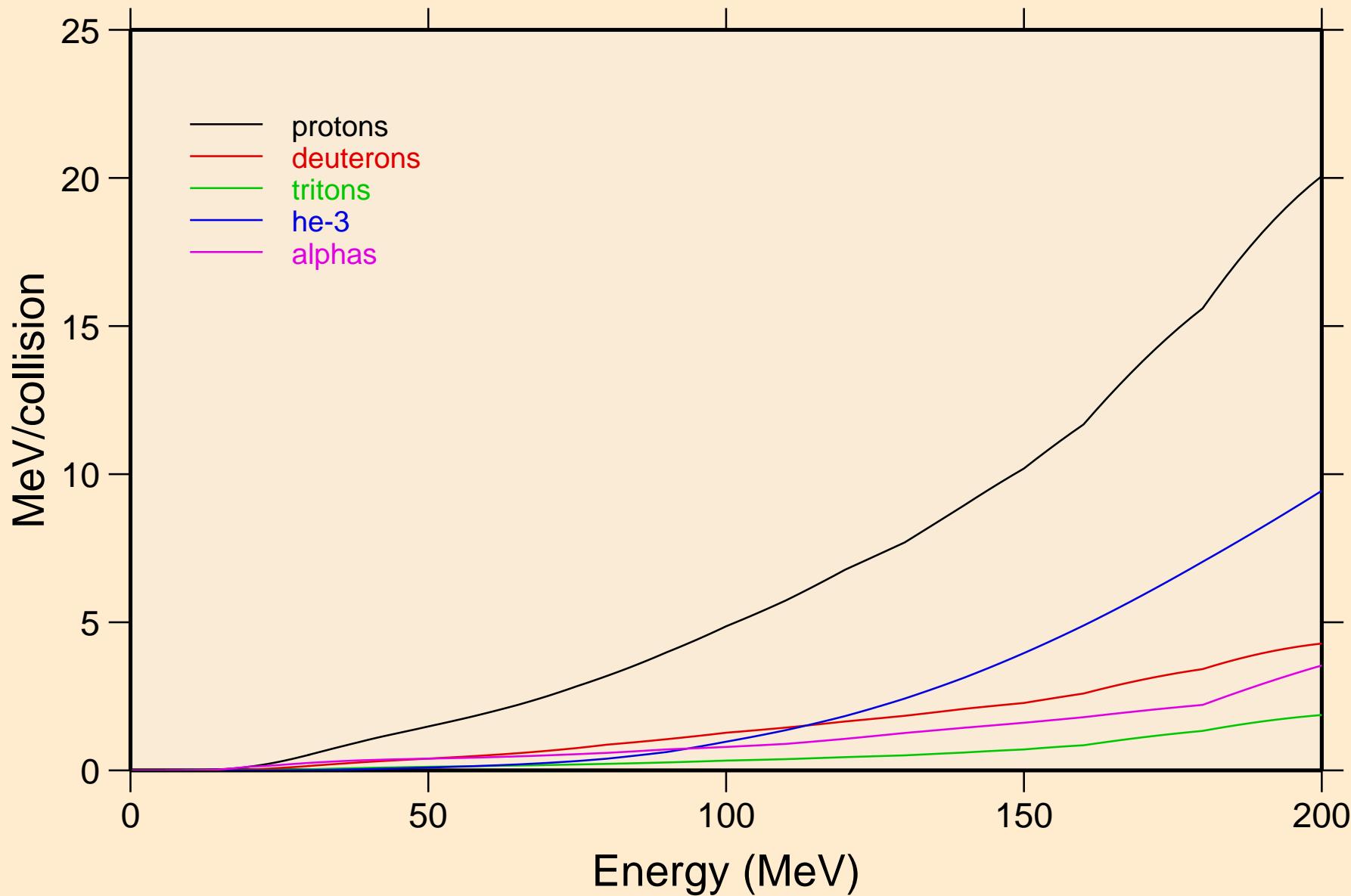


TE122 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



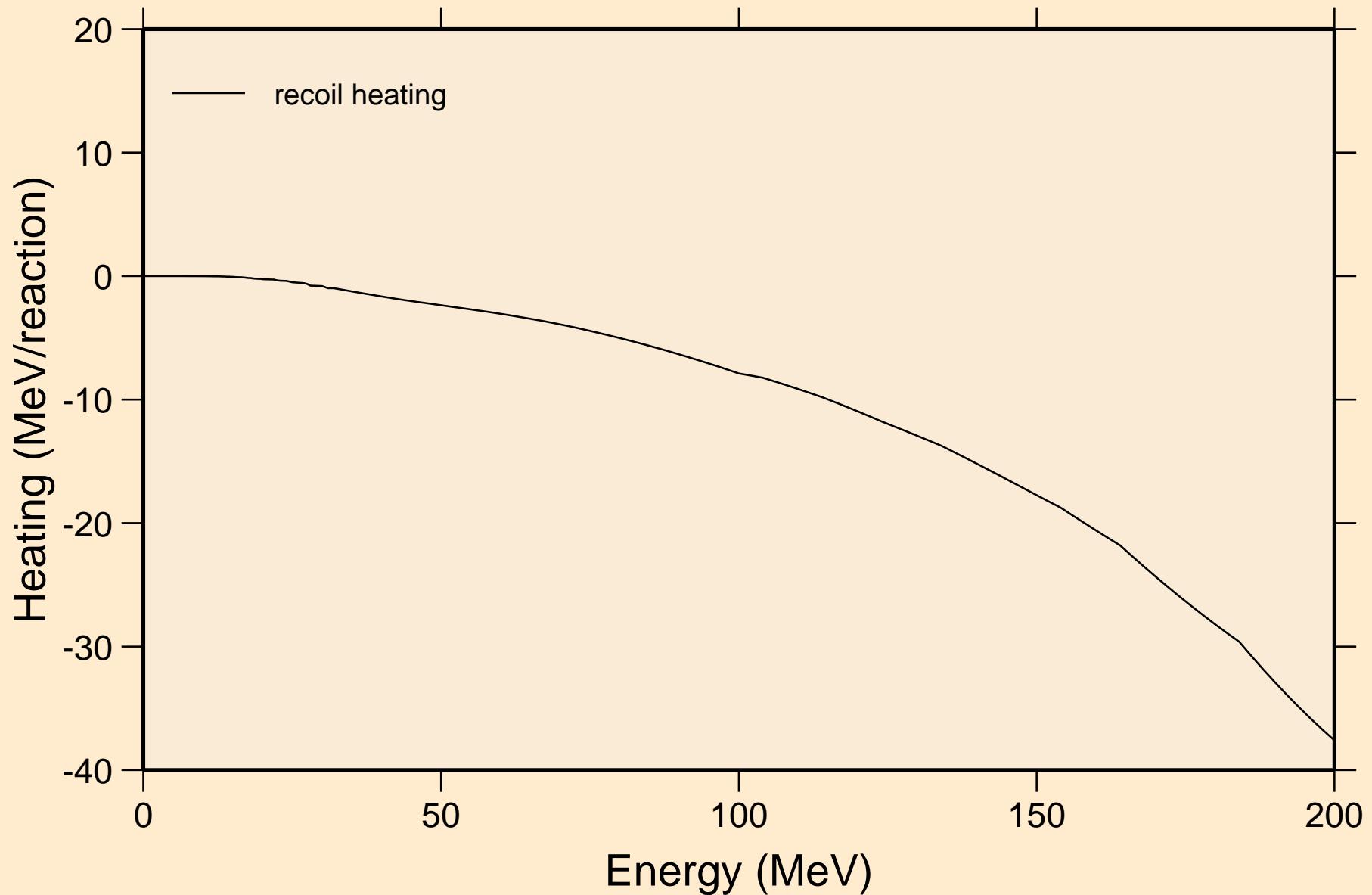
# TE122 NRG TENDL-2015, AKONING

## Particle heating contributions



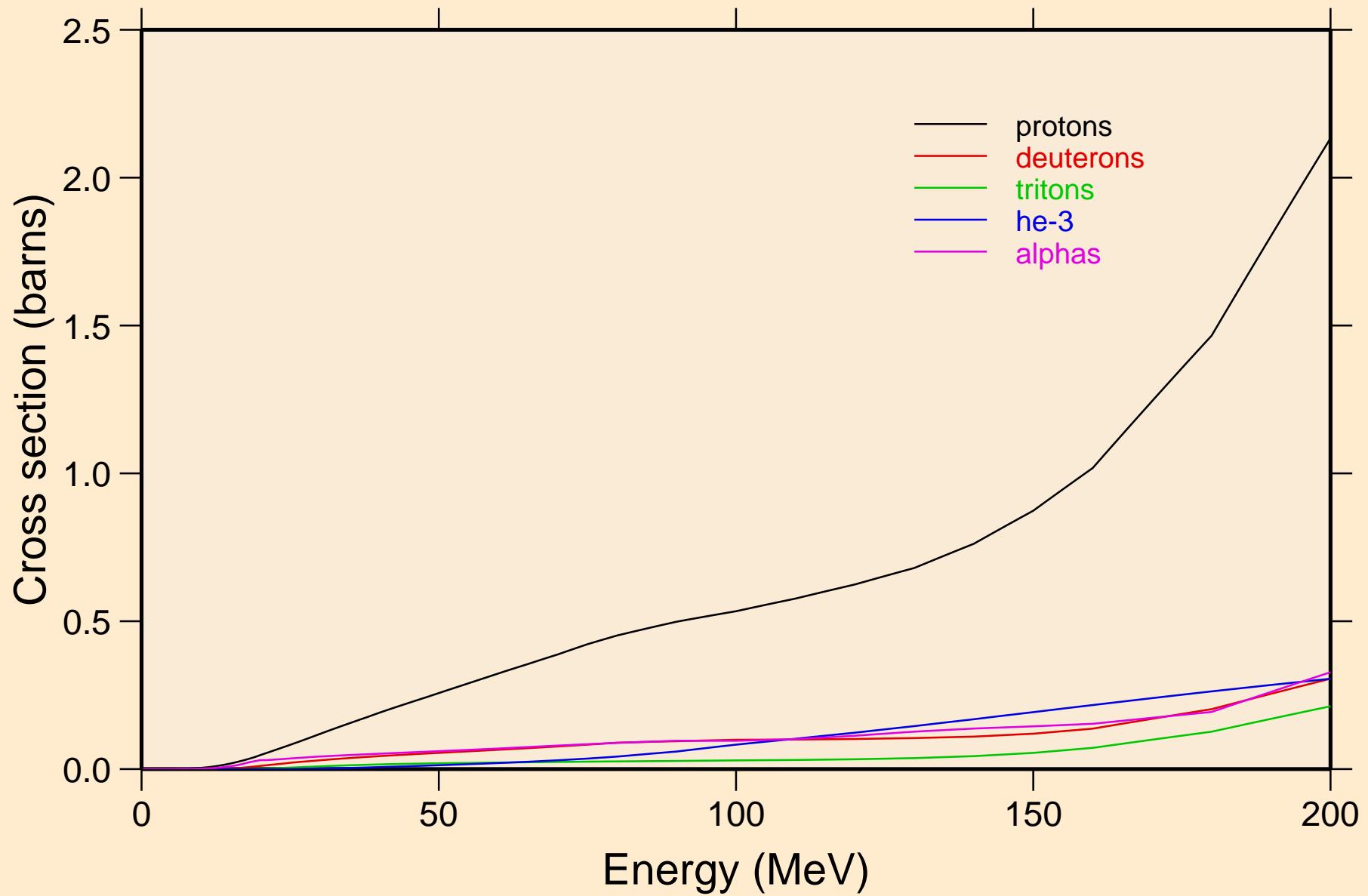
# TE122 NRG TENDL-2015, AKONING

## Recoil Heating

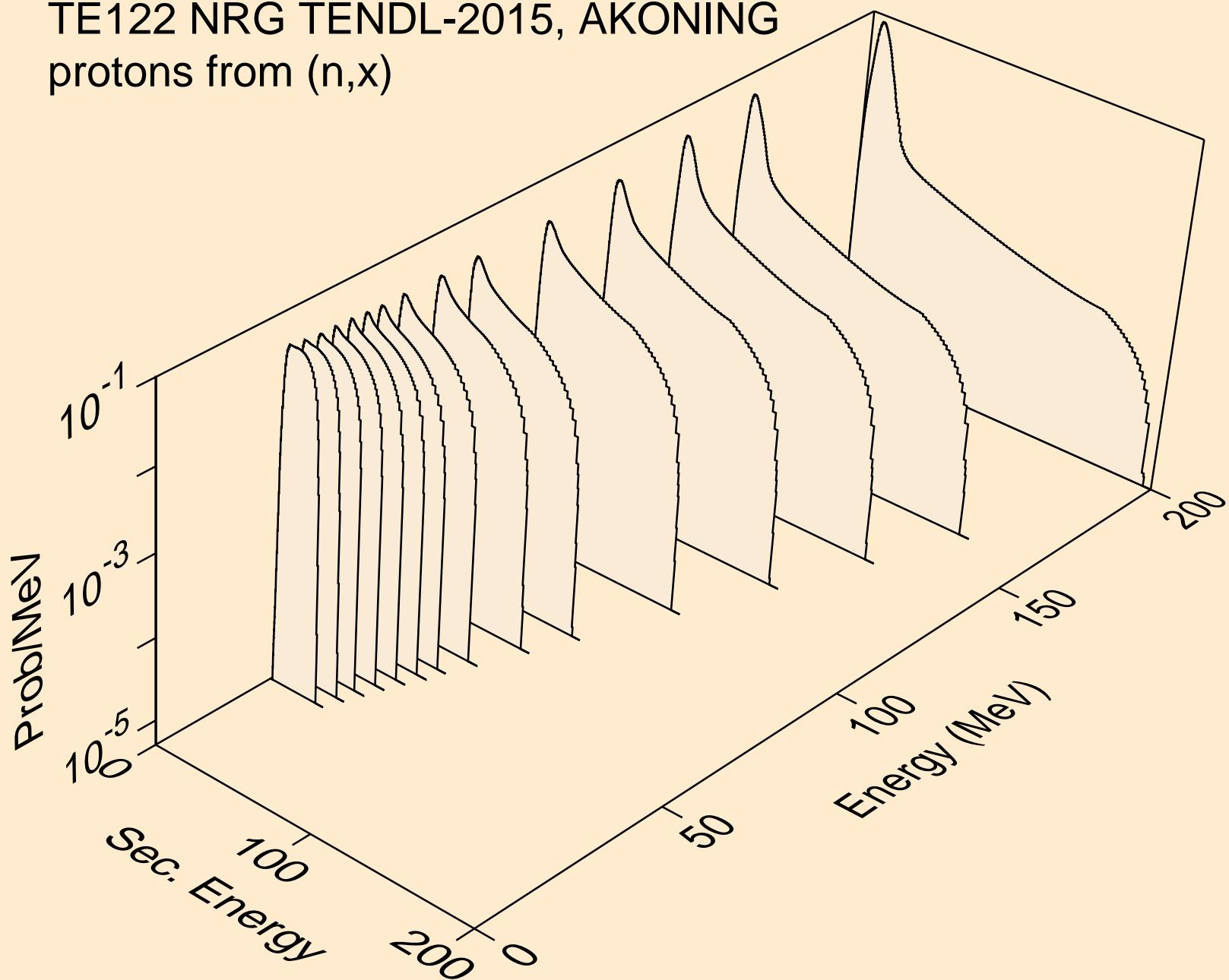


# TE122 NRG TENDL-2015, AKONING

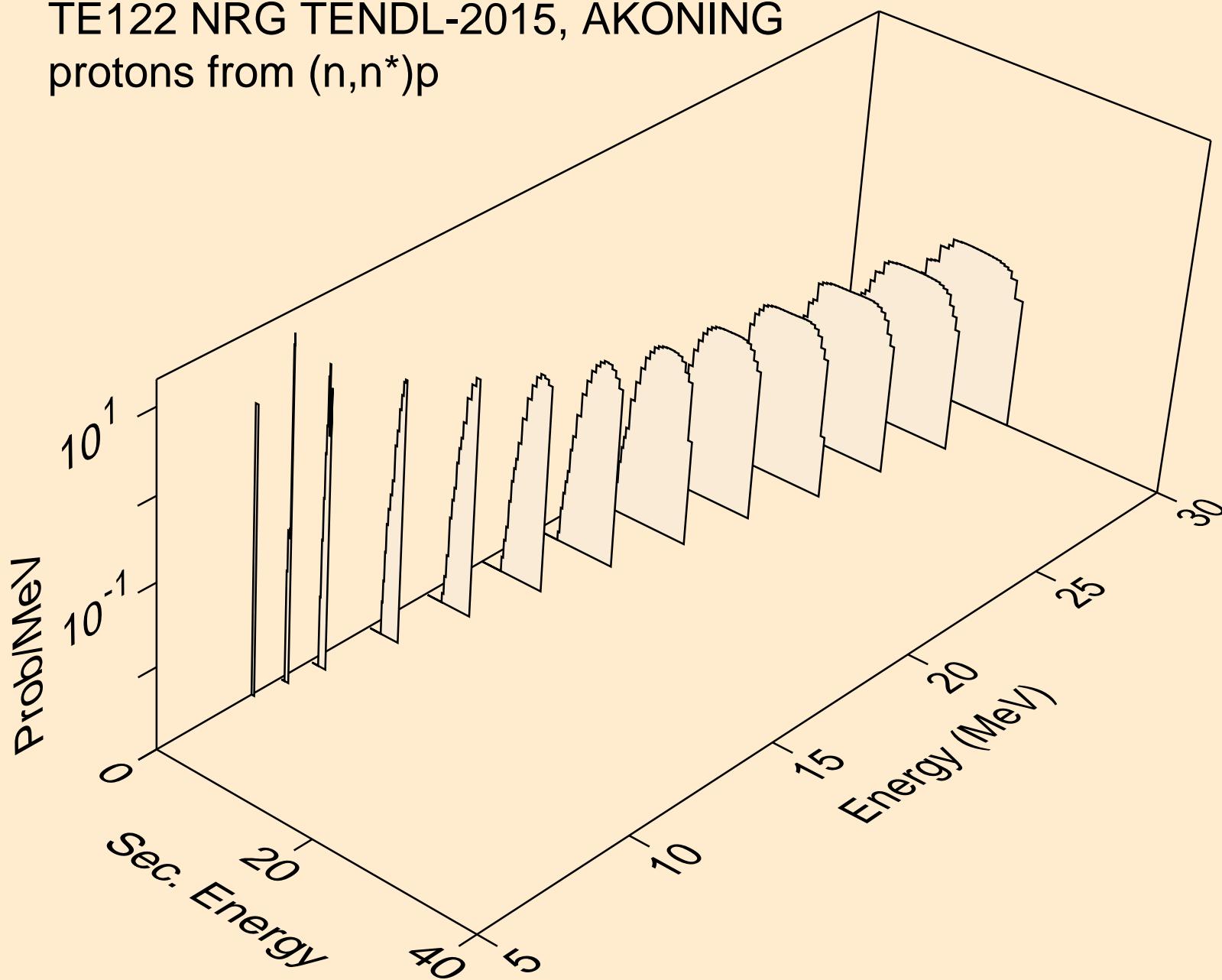
## Particle production cross sections



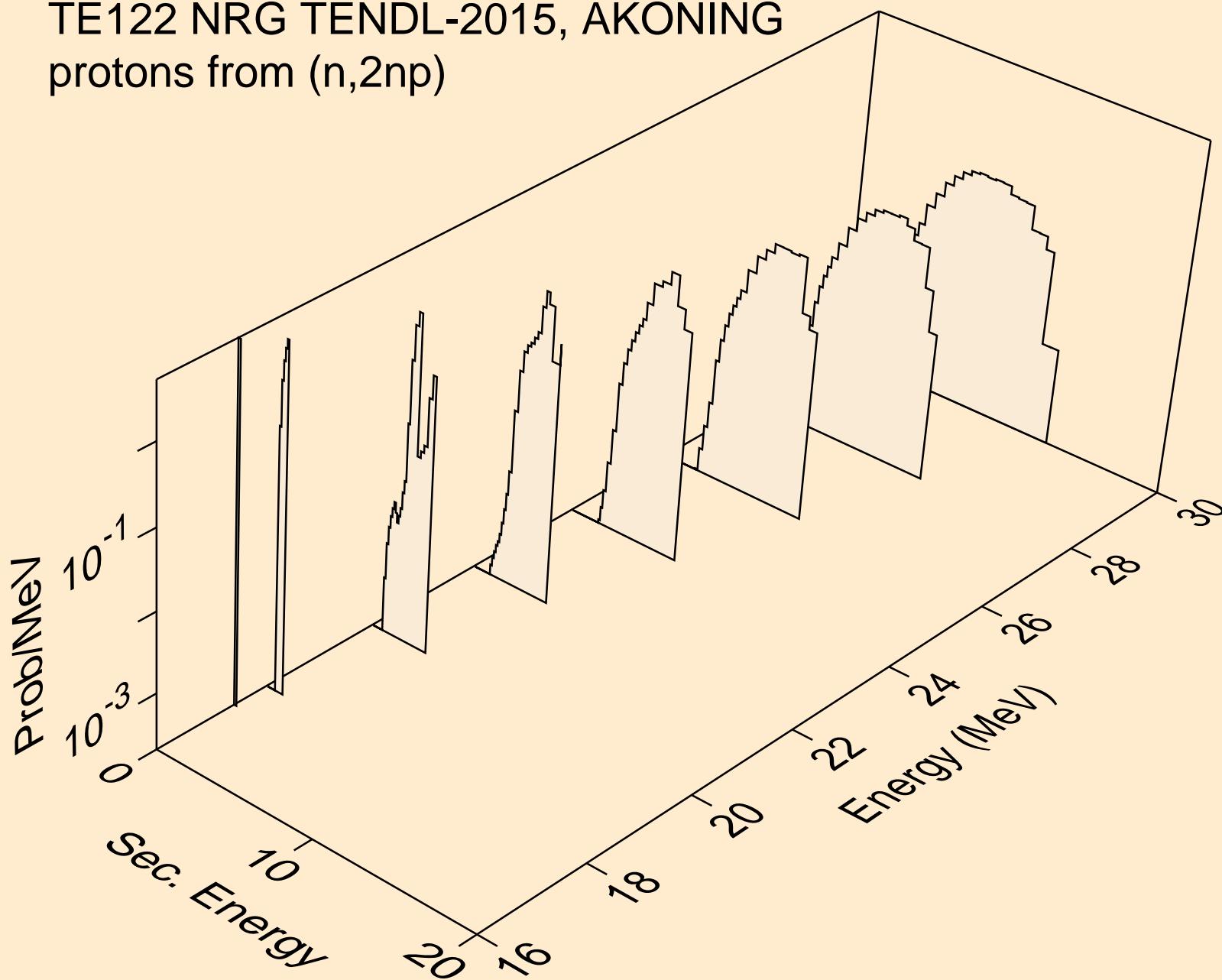
TE122 NRG TENDL-2015, AKONING  
protons from ( $n,x$ )



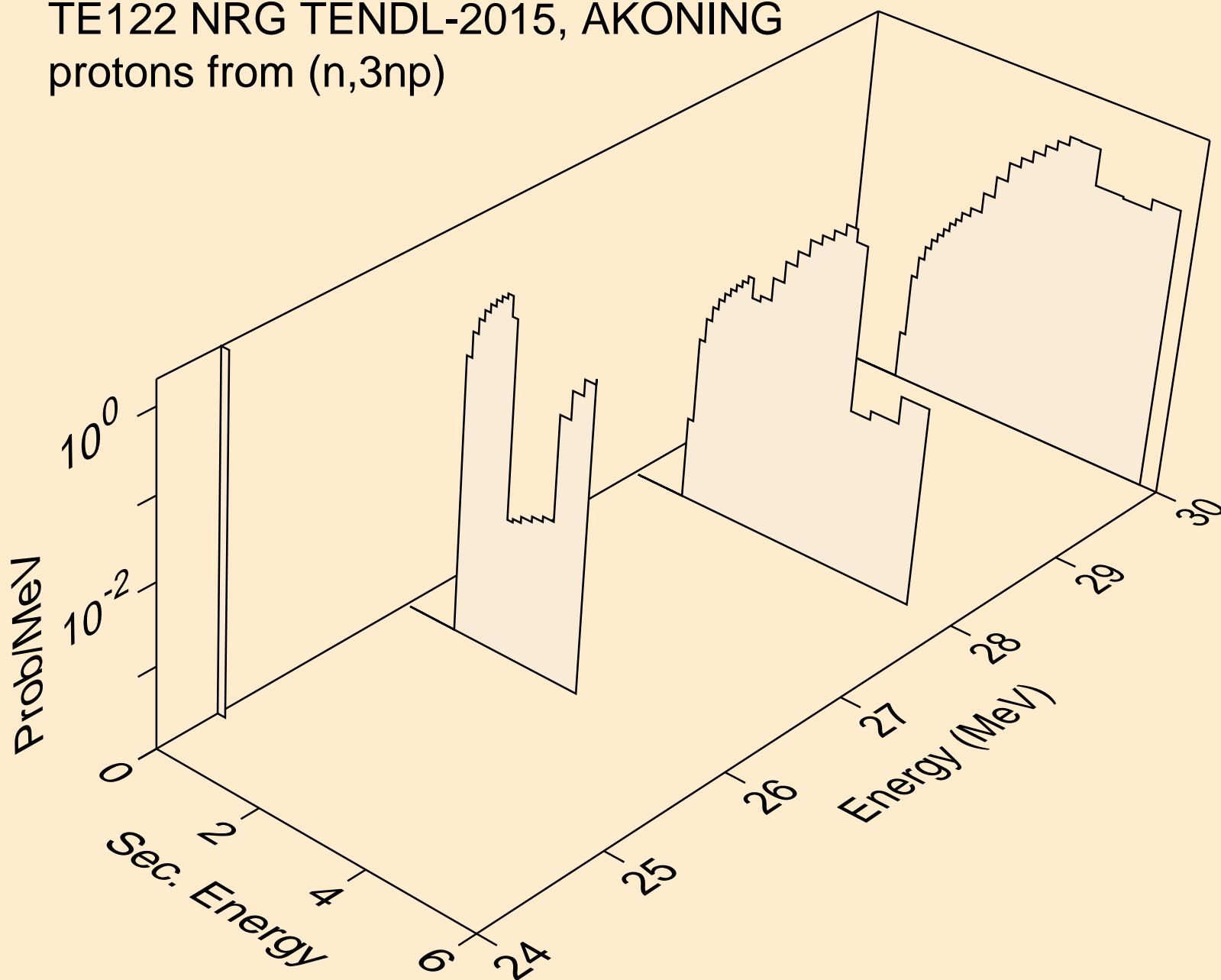
TE122 NRG TENDL-2015, AKONING  
protons from  $(n,n^*)p$



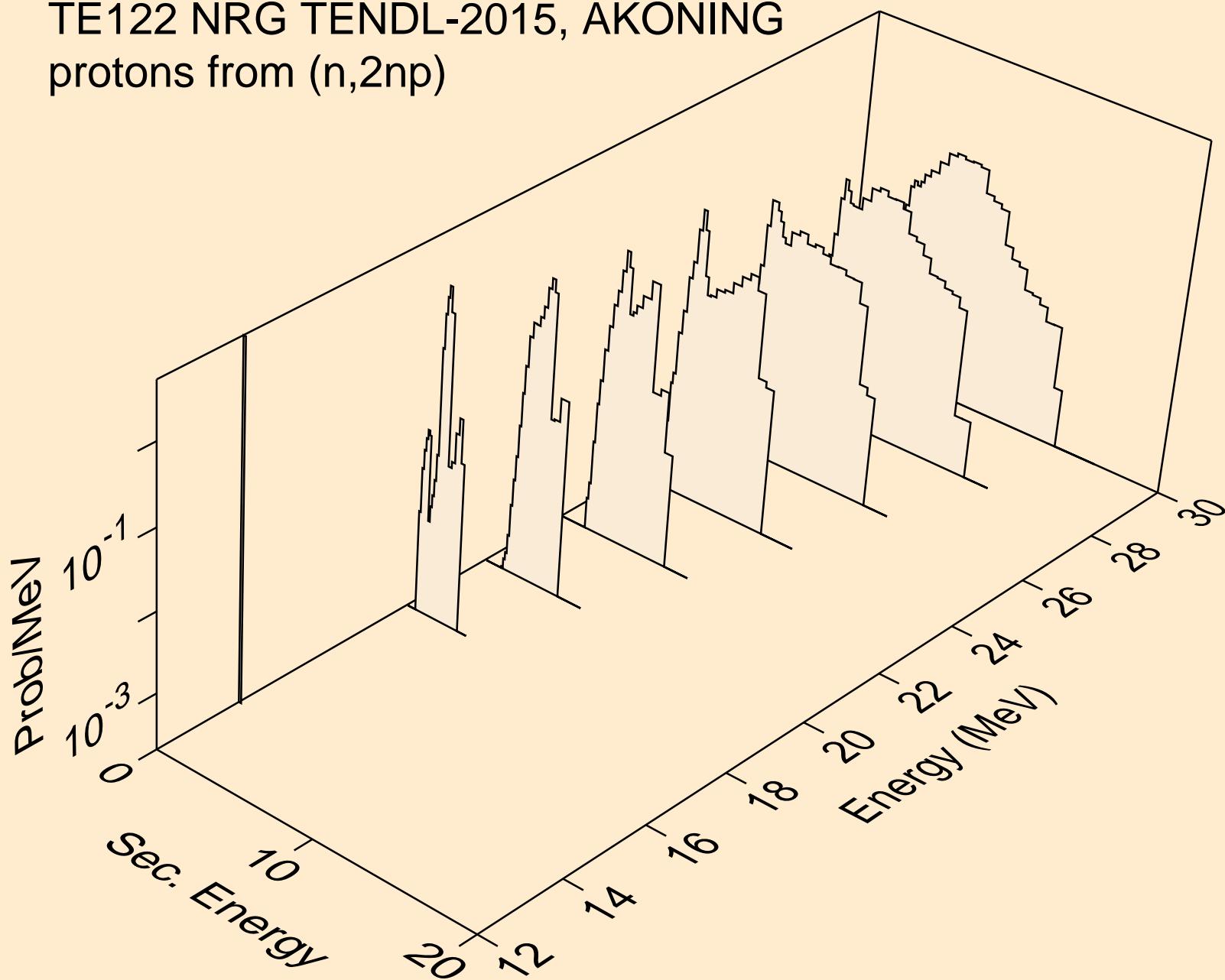
TE122 NRG TENDL-2015, AKONING  
protons from ( $n,2np$ )



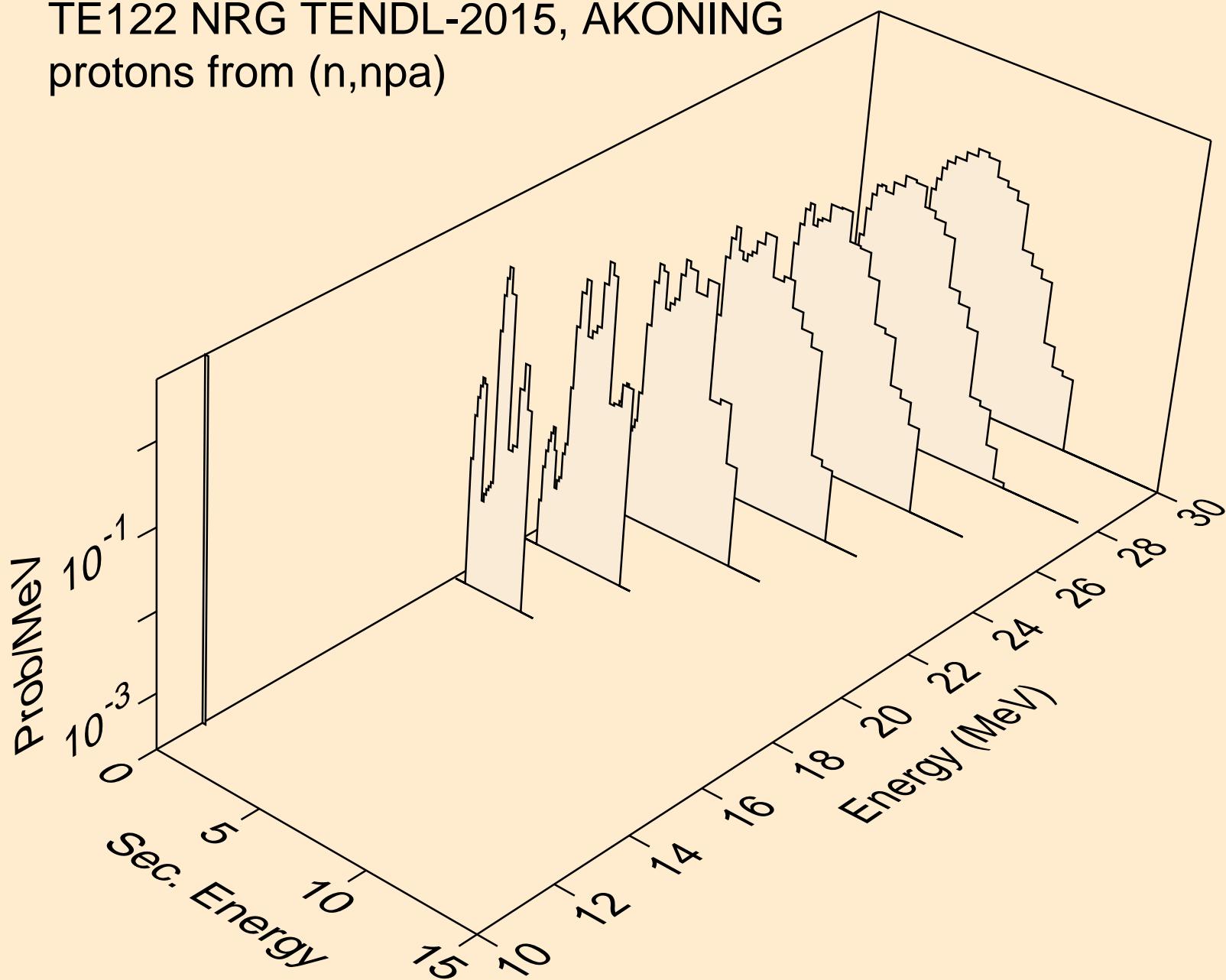
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protons from ( $n,3np$ )



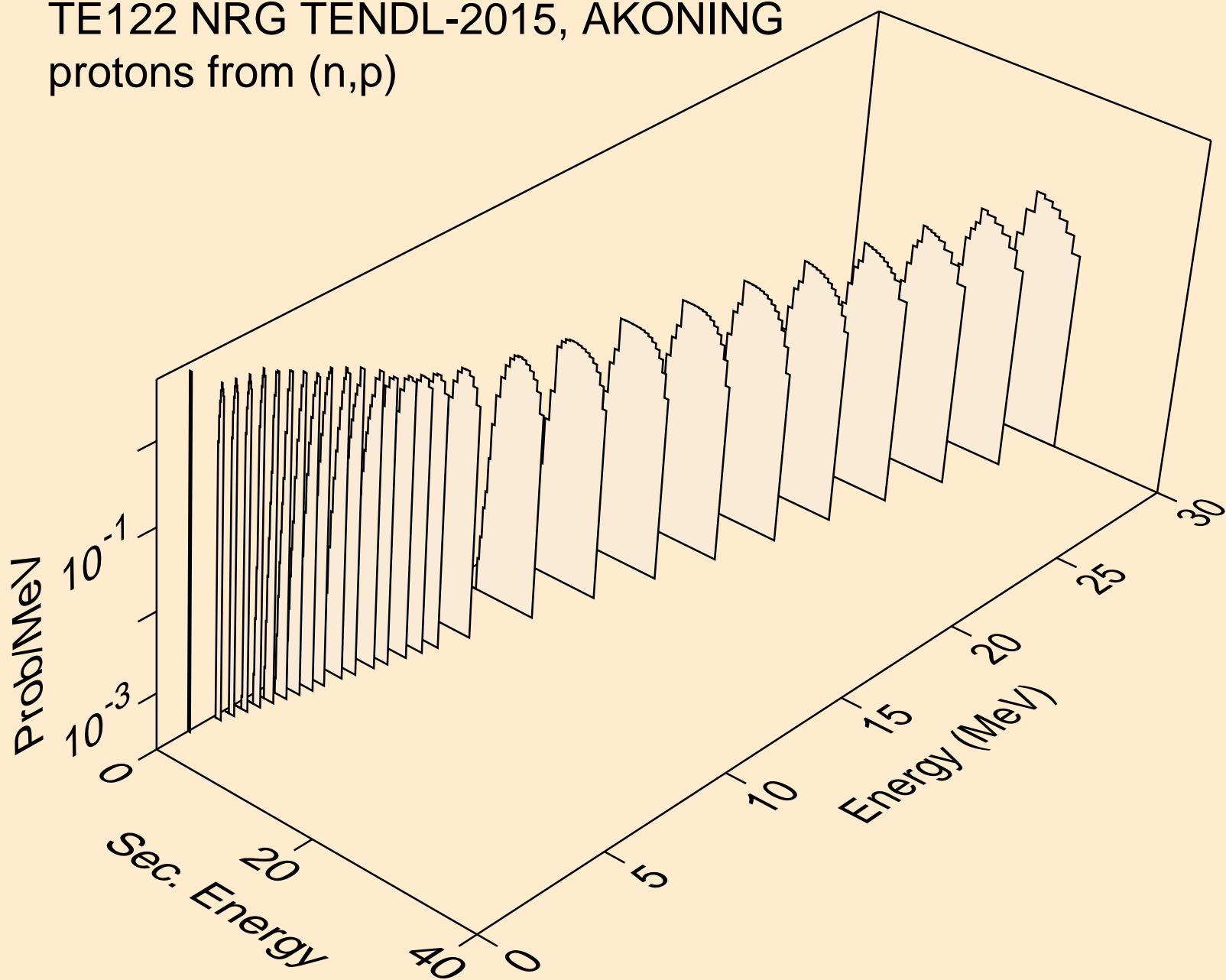
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protons from ( $n,2np$ )



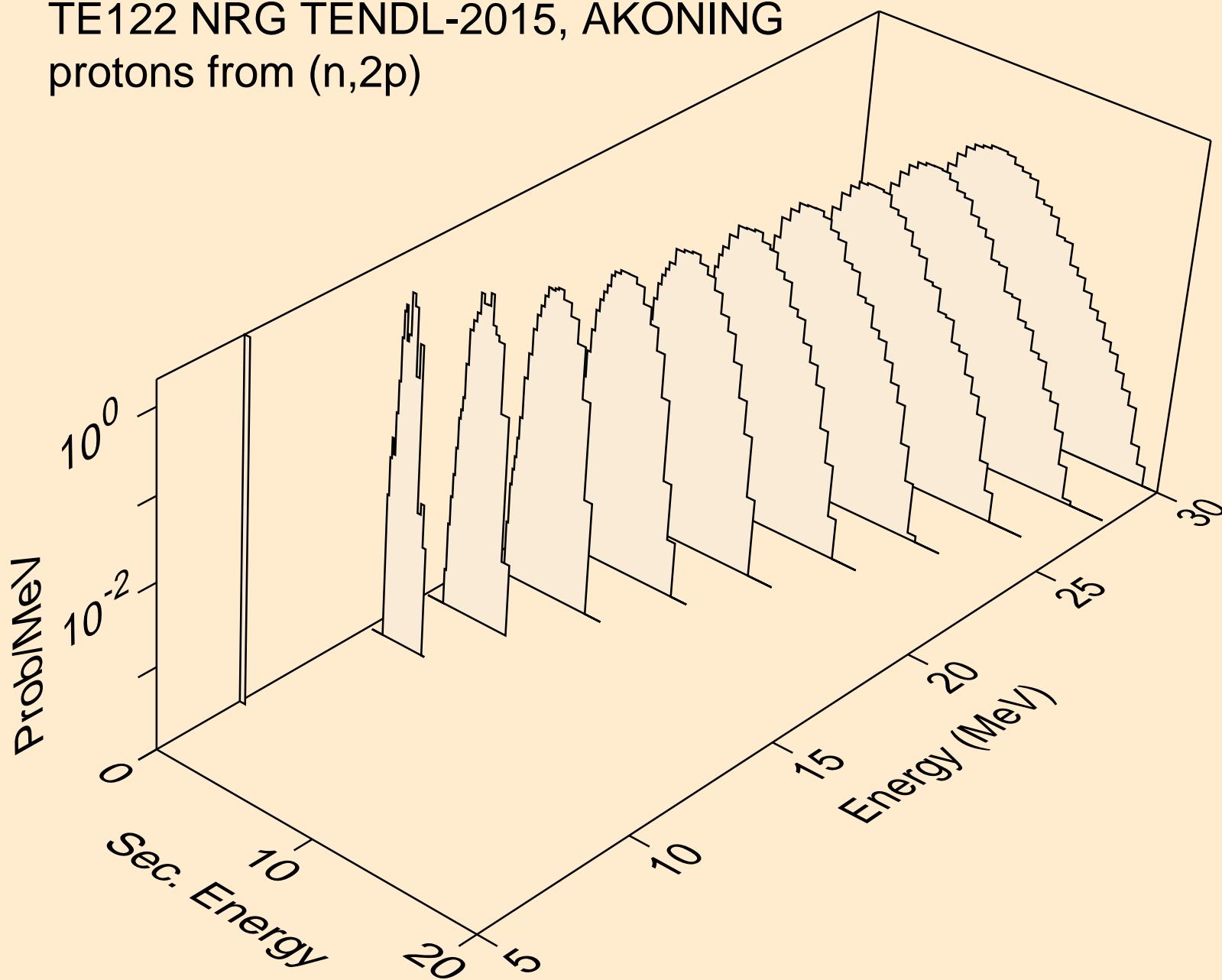
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protons from (n,npa)



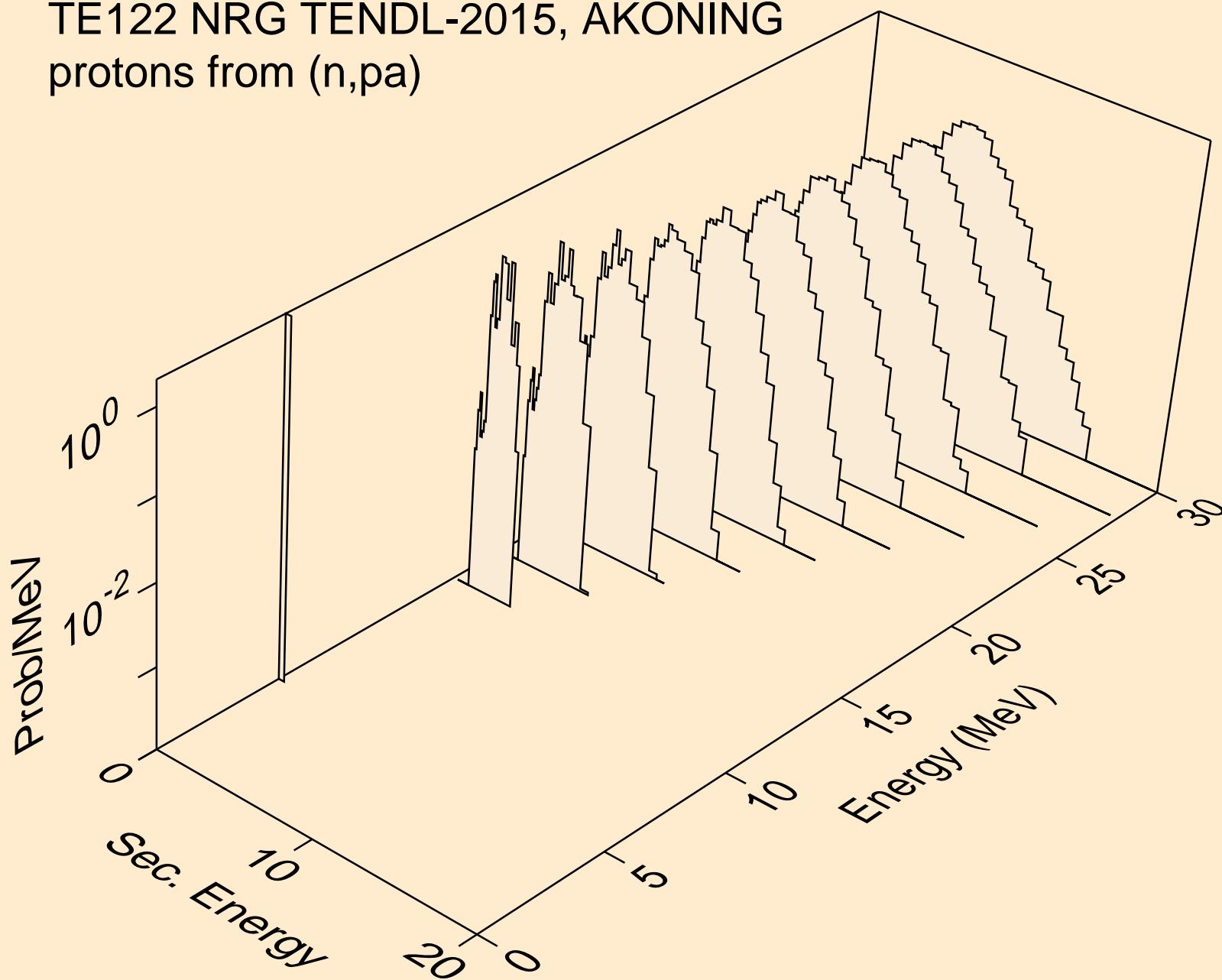
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protons from ( $n,p$ )



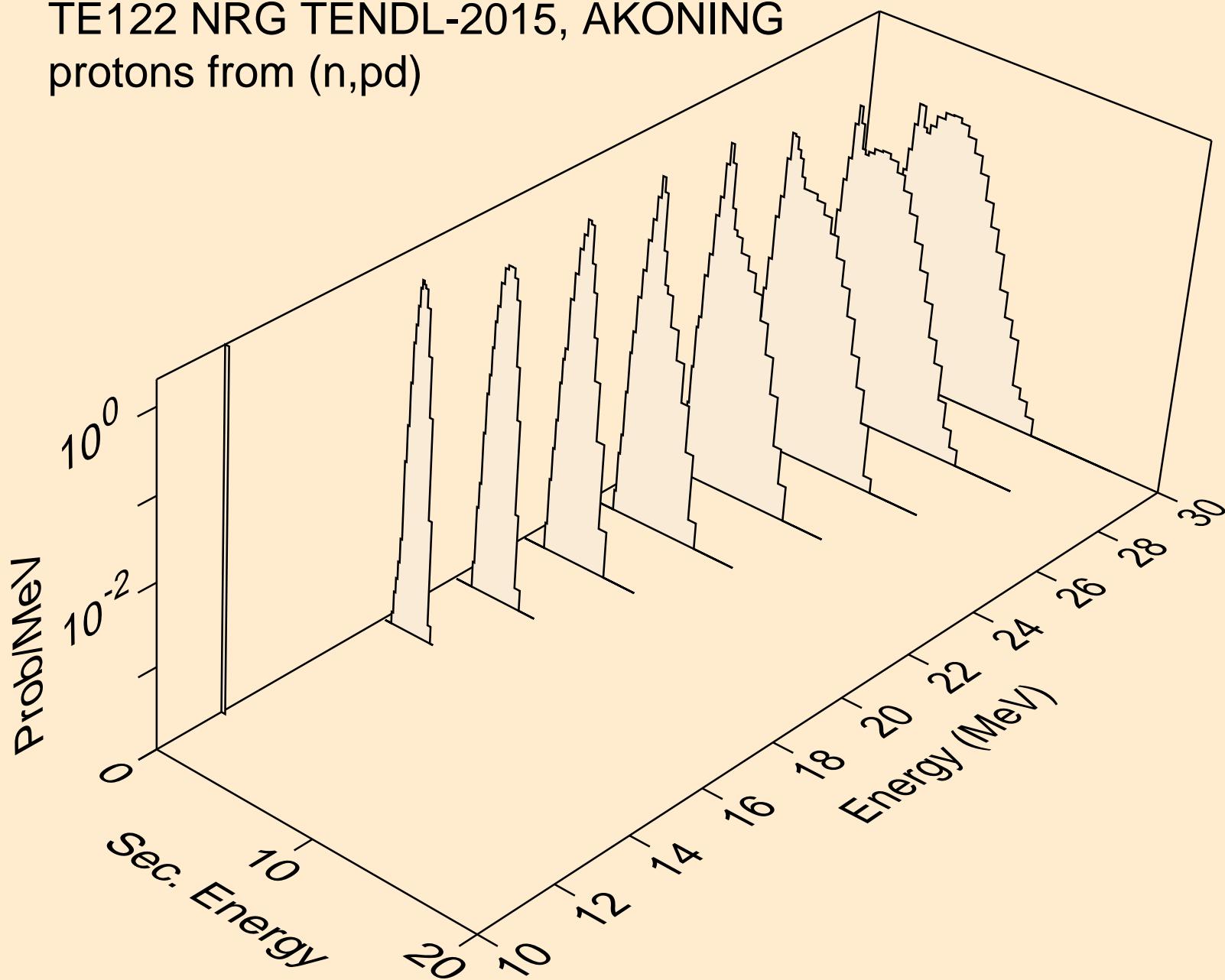
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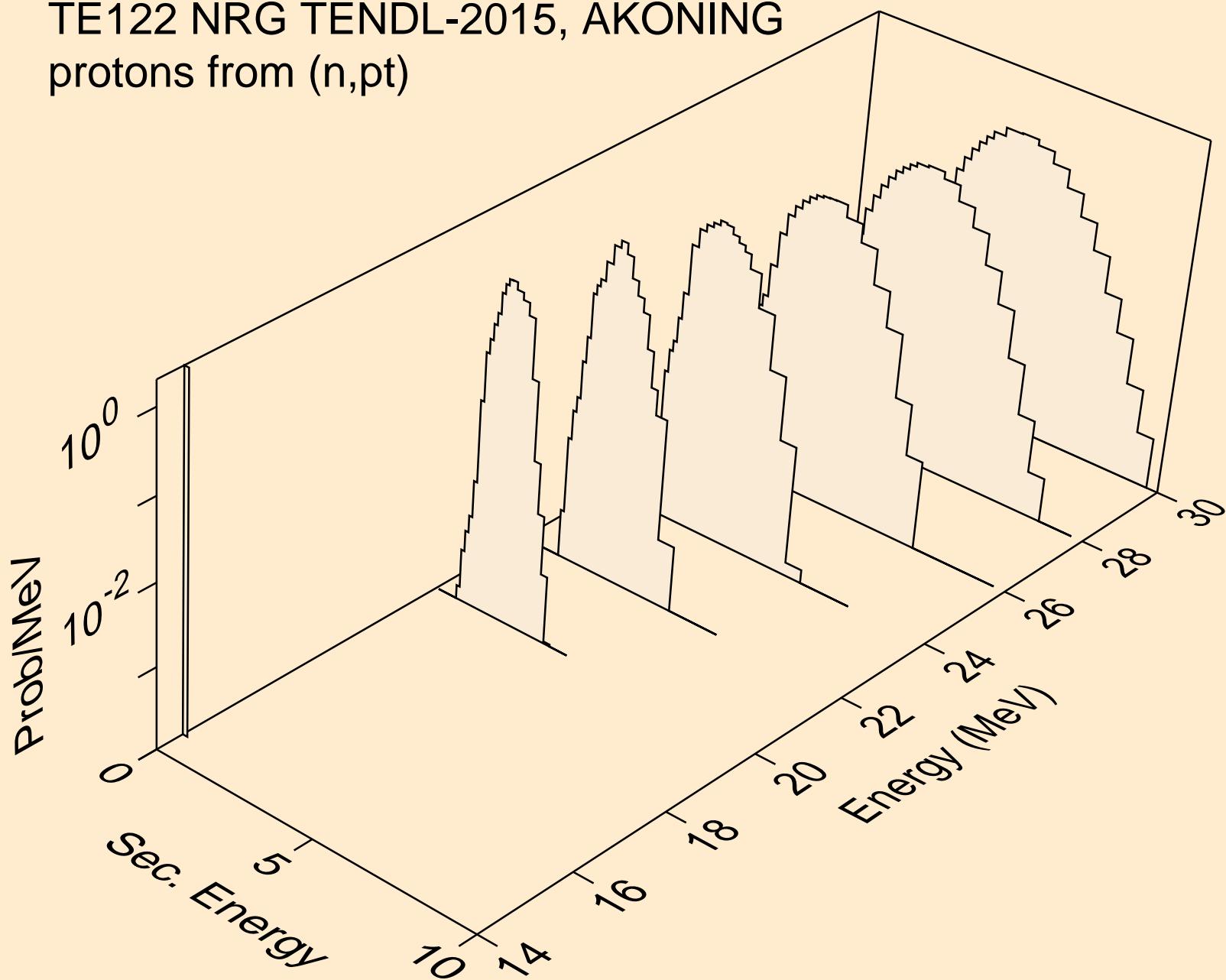
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protons from (n,pa)



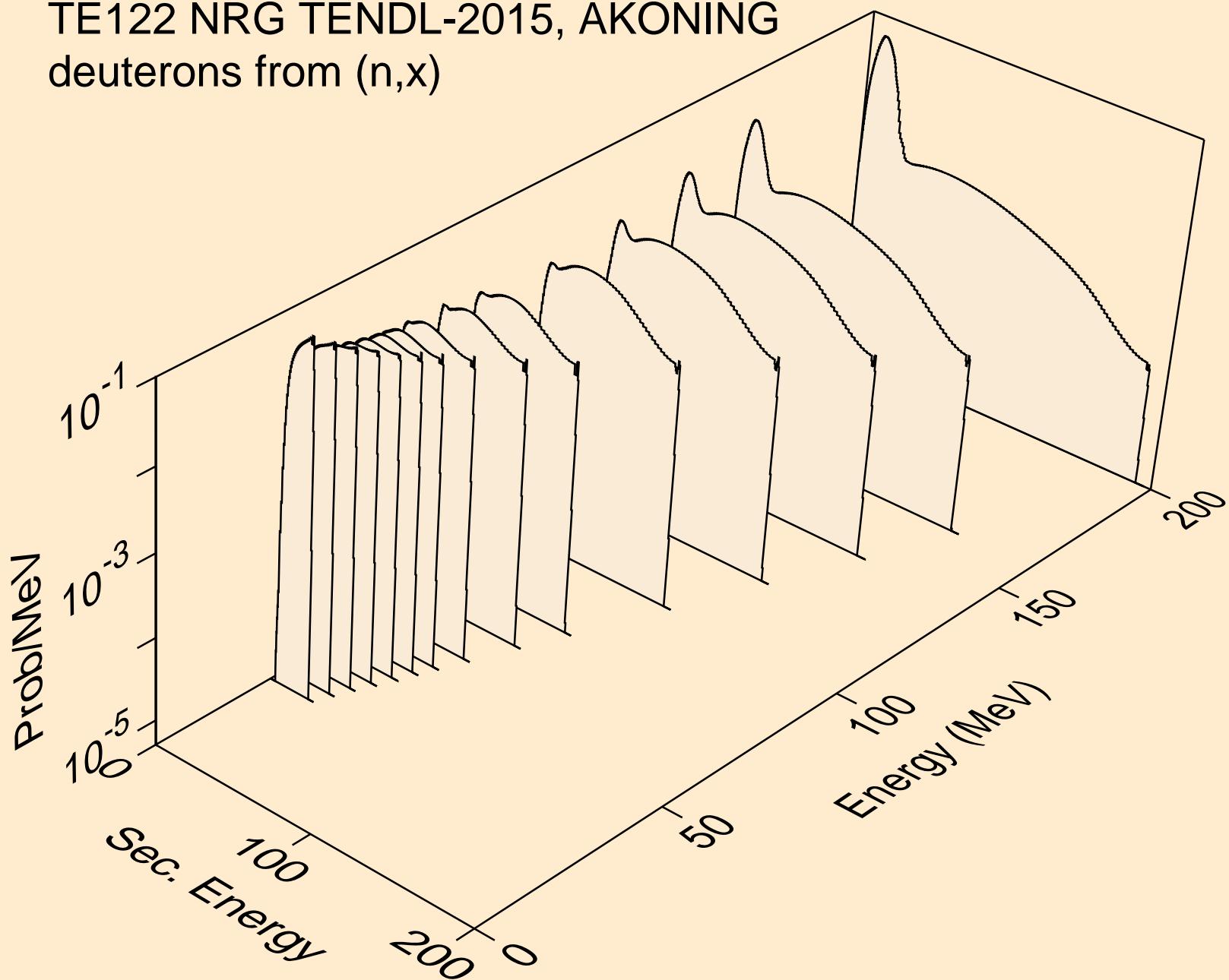
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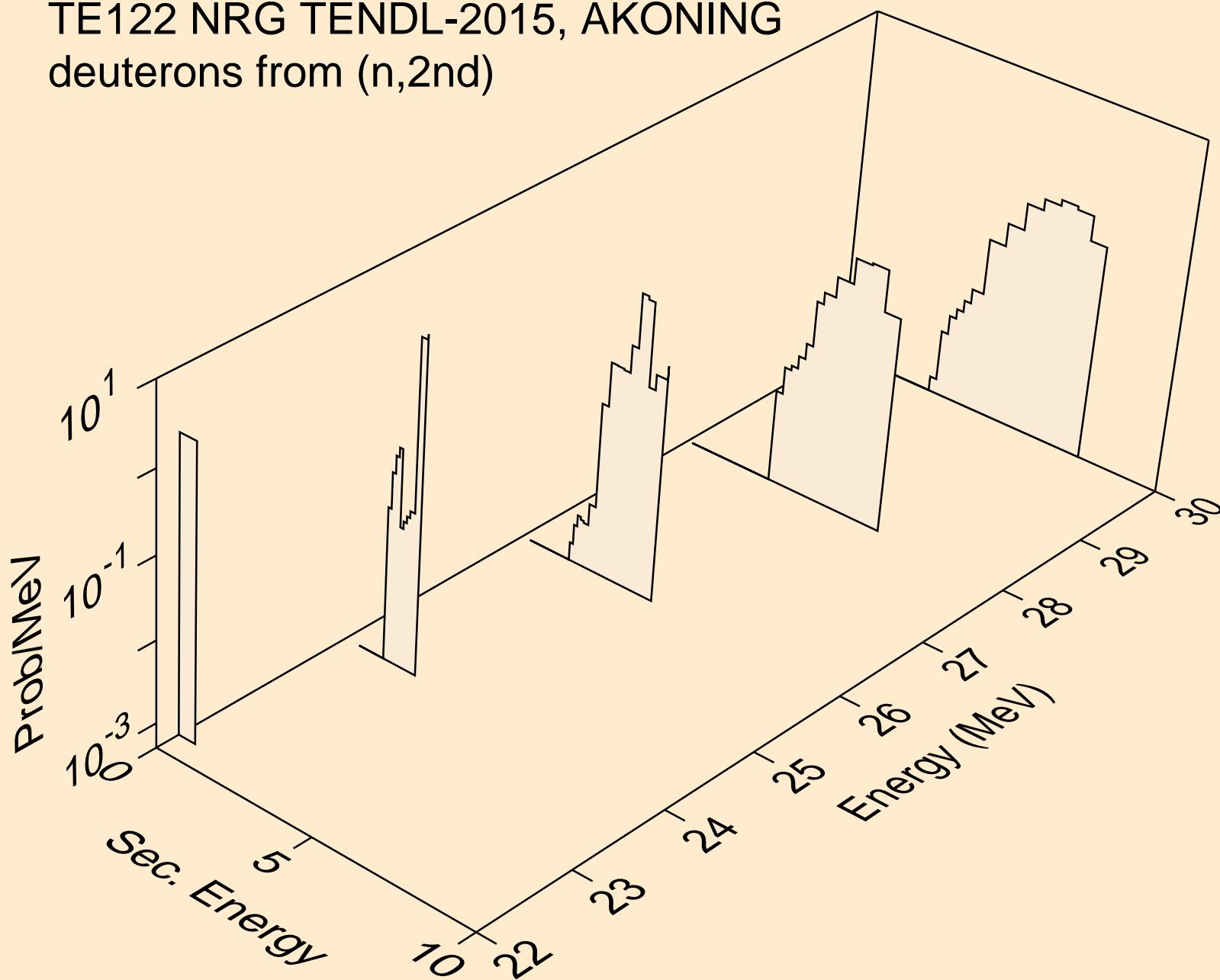
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protons from (n,pt)



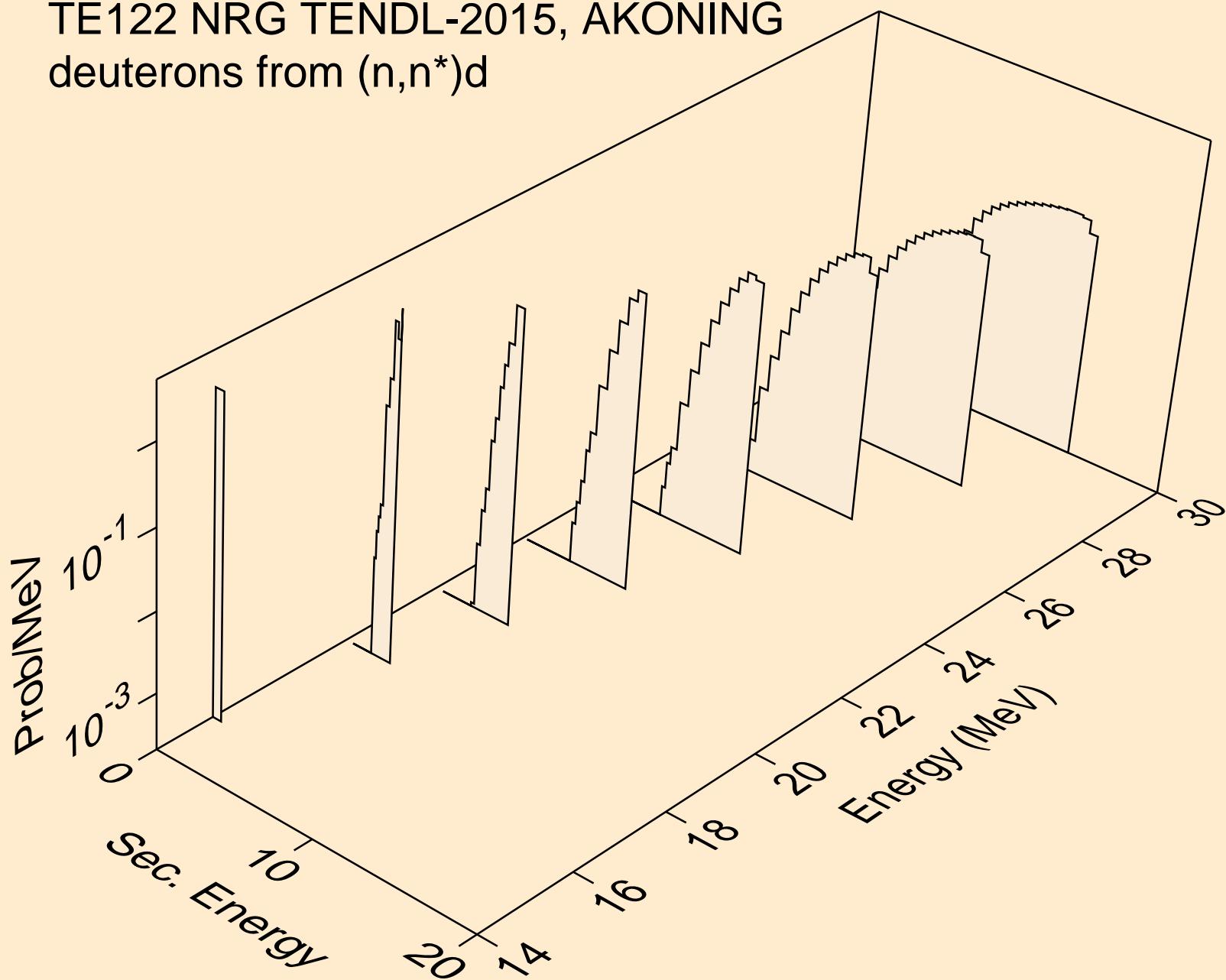
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deuterons from ( $n,x$ )



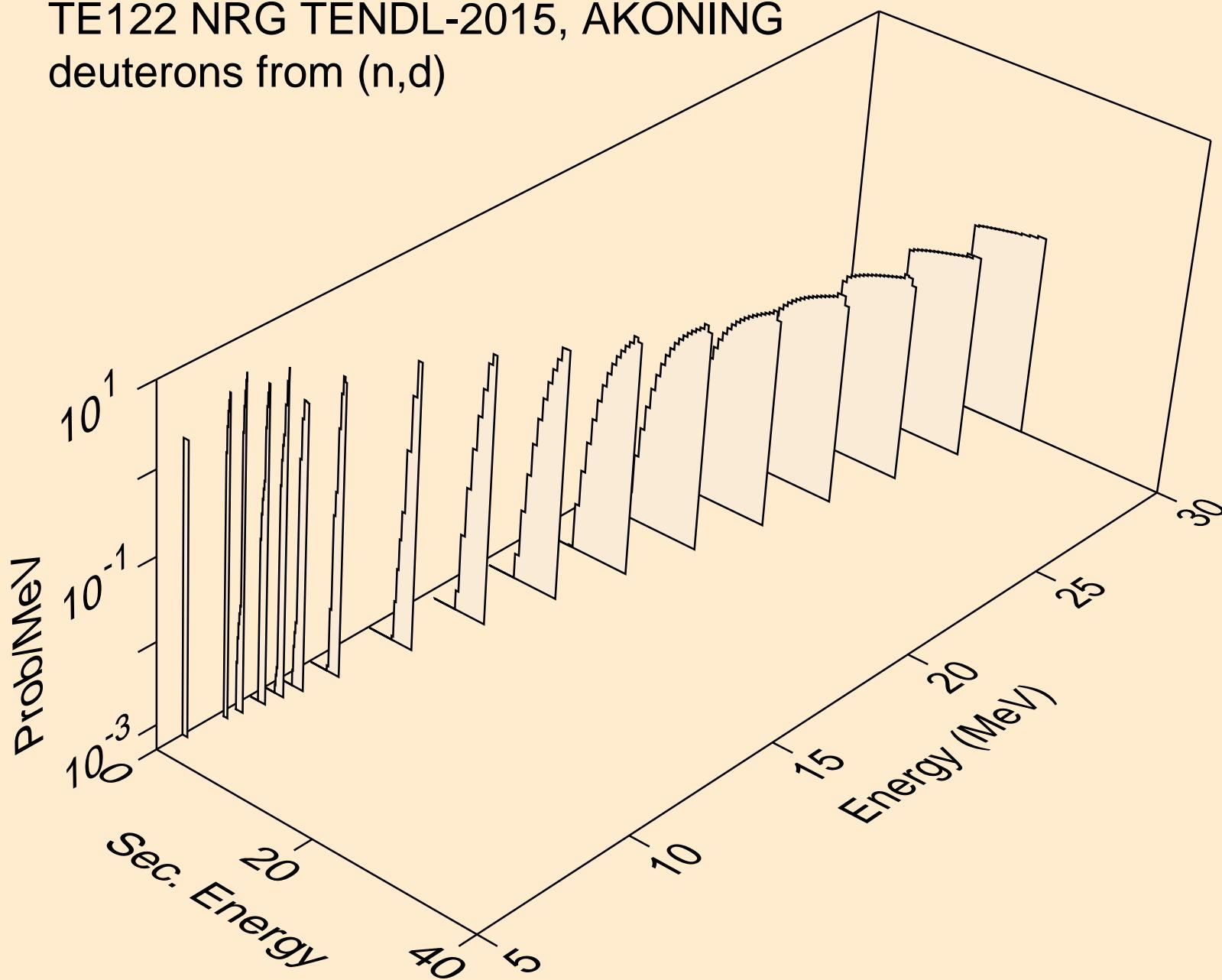
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deuterons from ( $n,2nd$ )



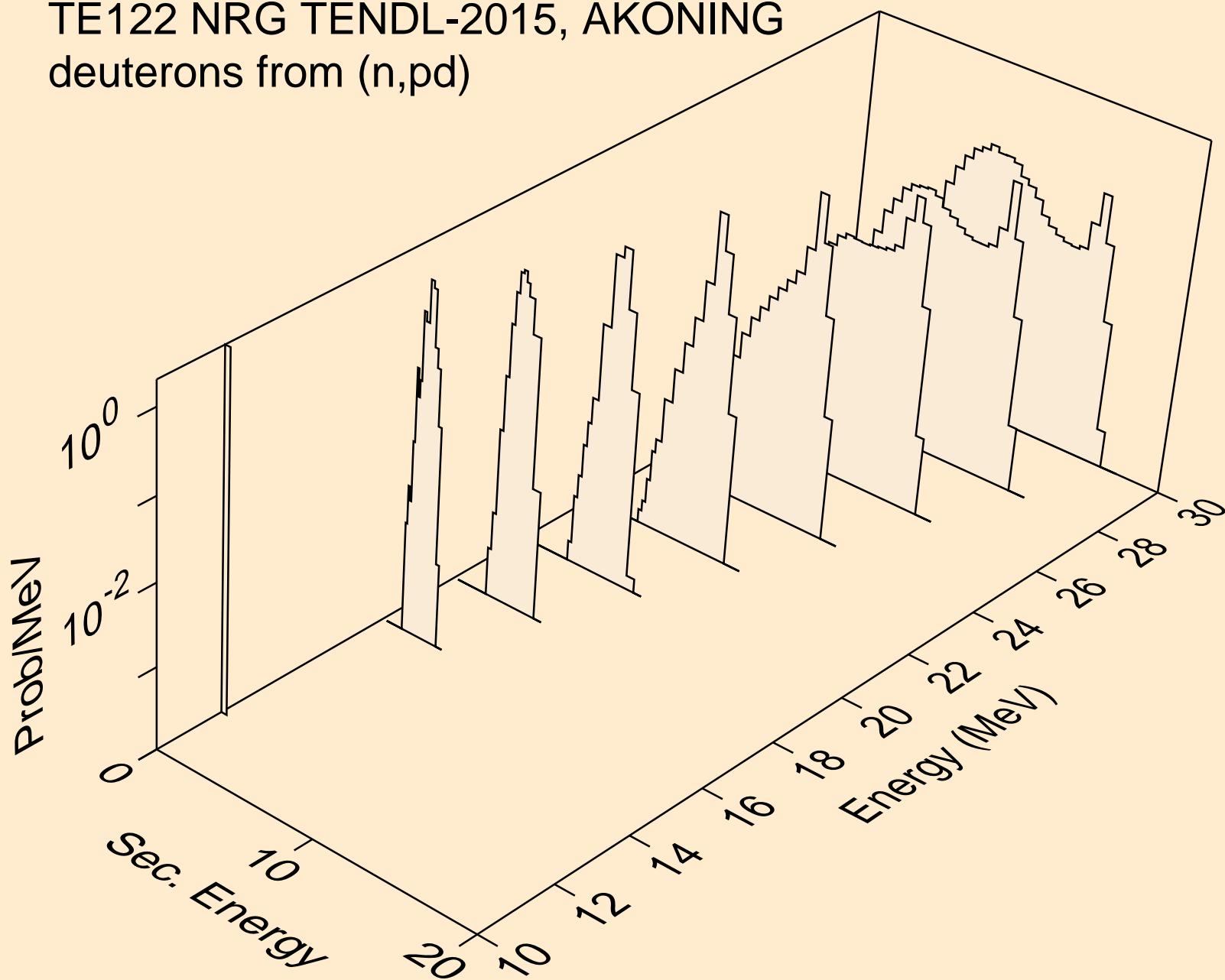
TE122 NRG TENDL-2015, AKONING  
deuterons from  $(n,n^*)d$



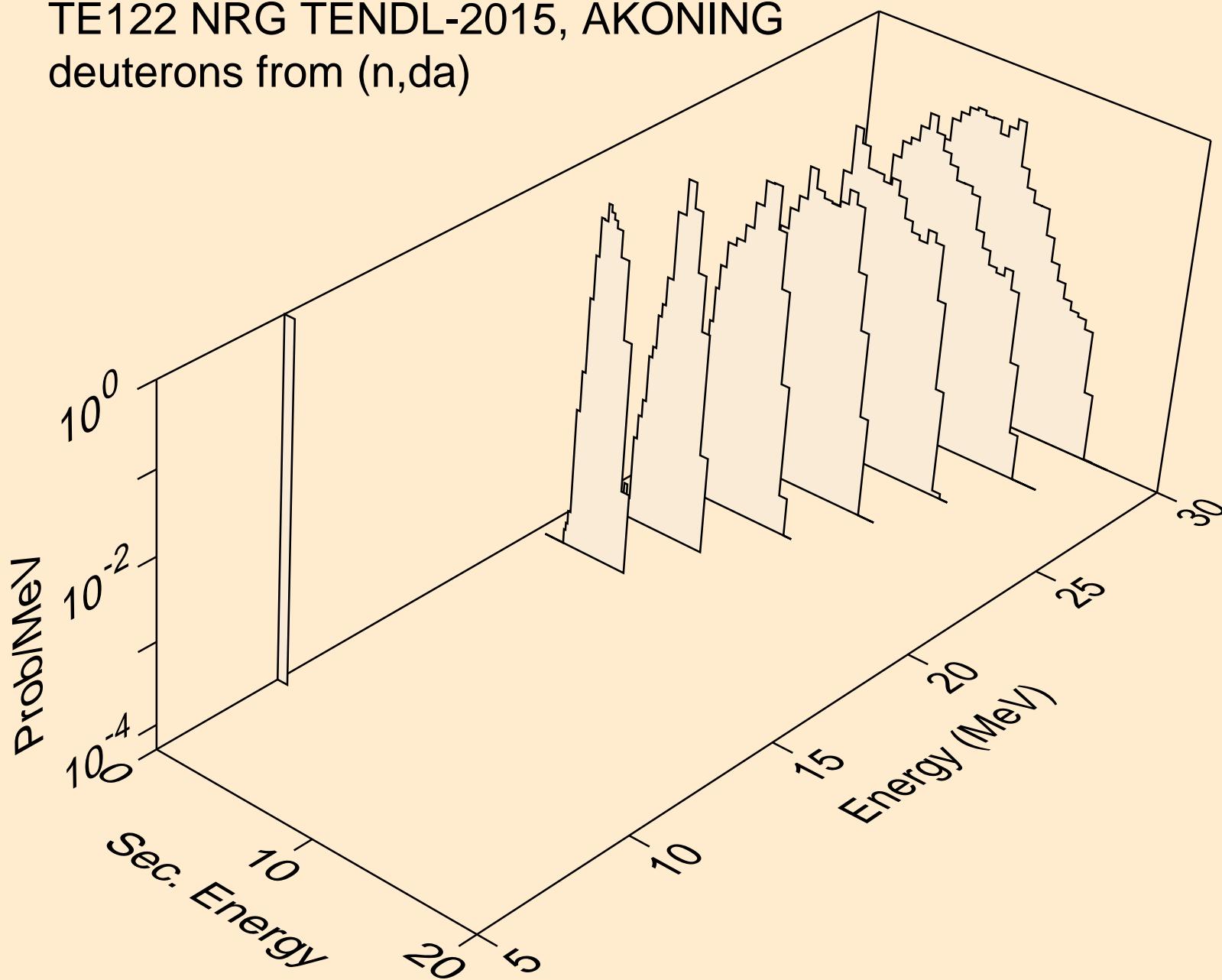
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deuterons from ( $n, d$ )



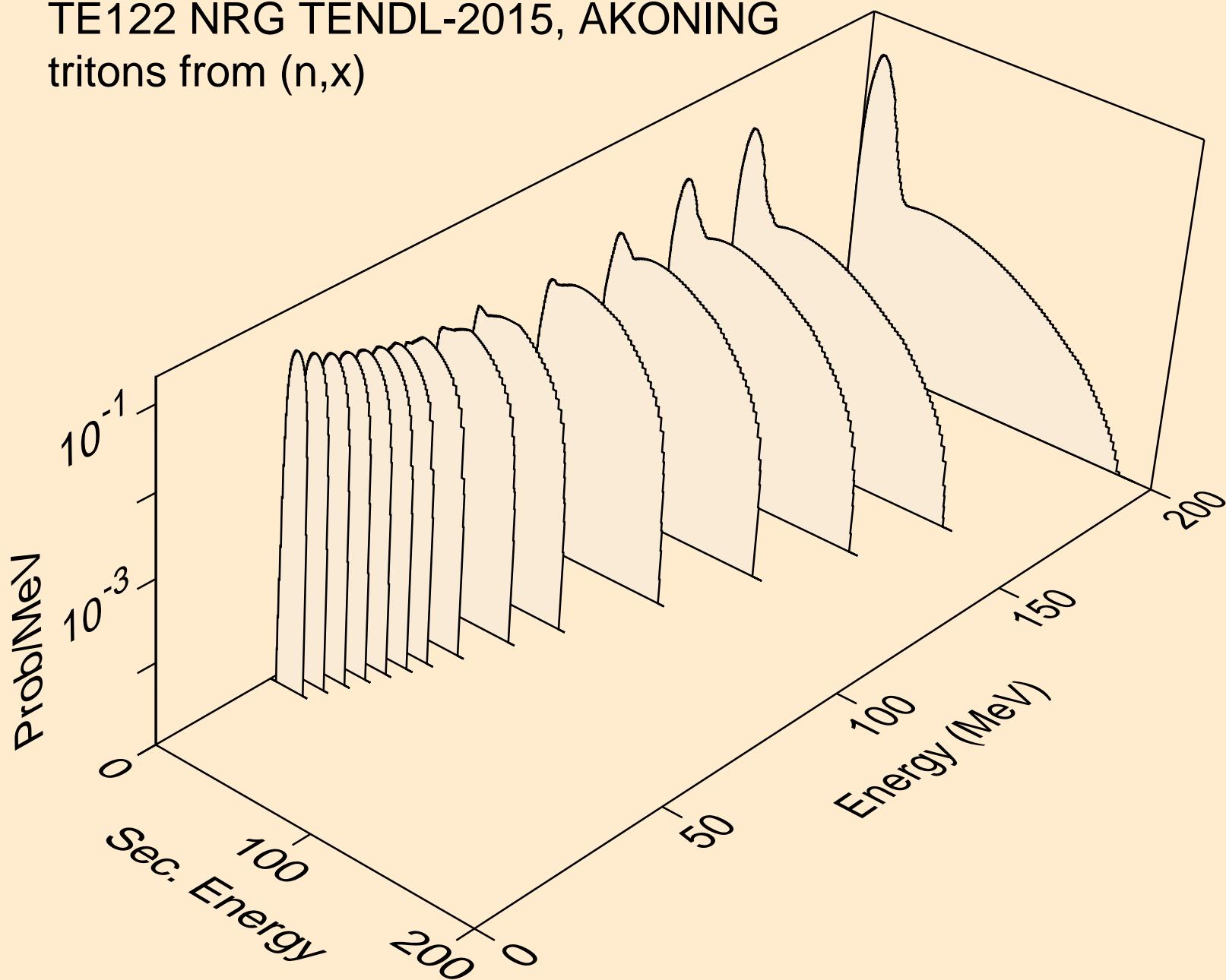
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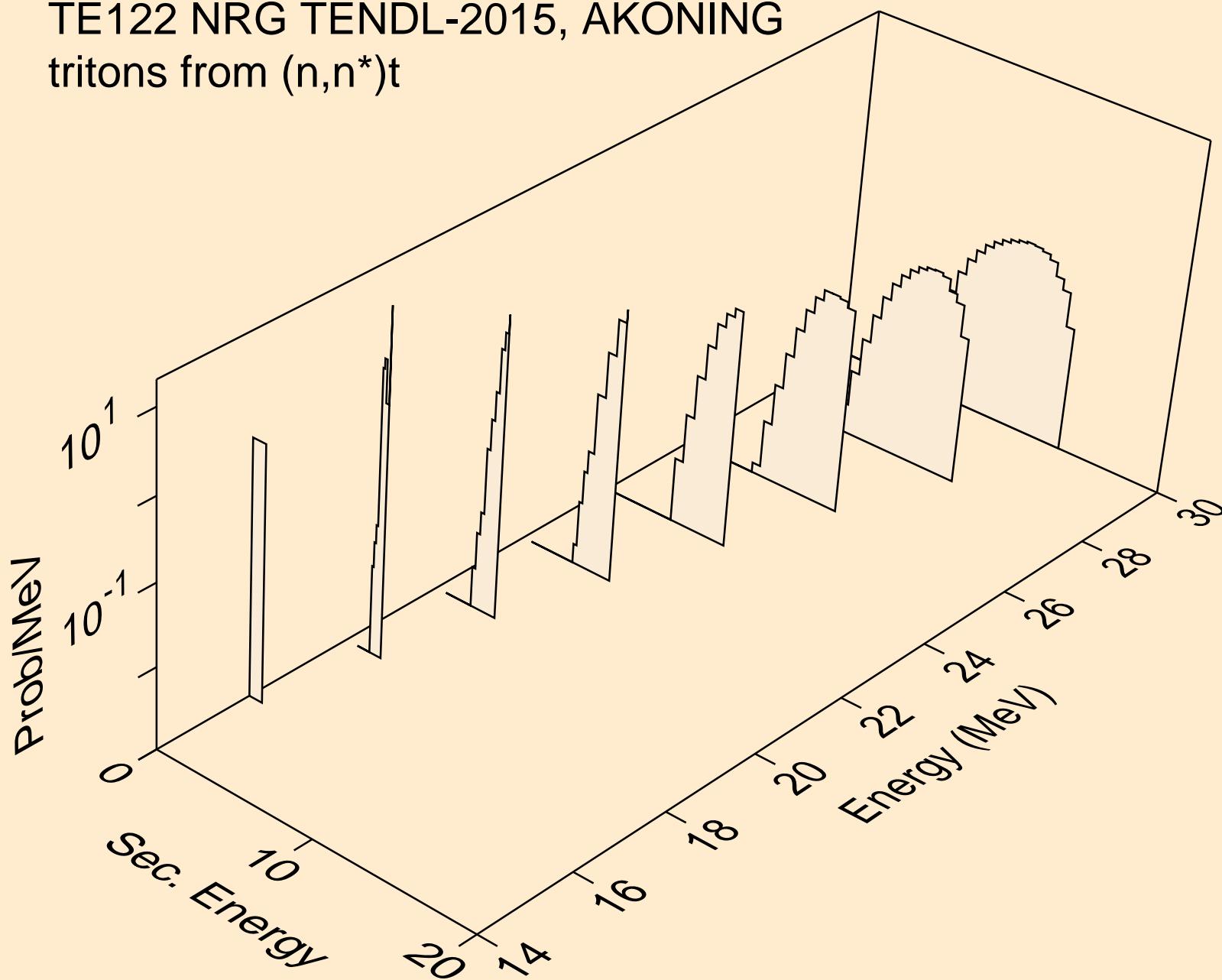
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deuterons from (n,da)



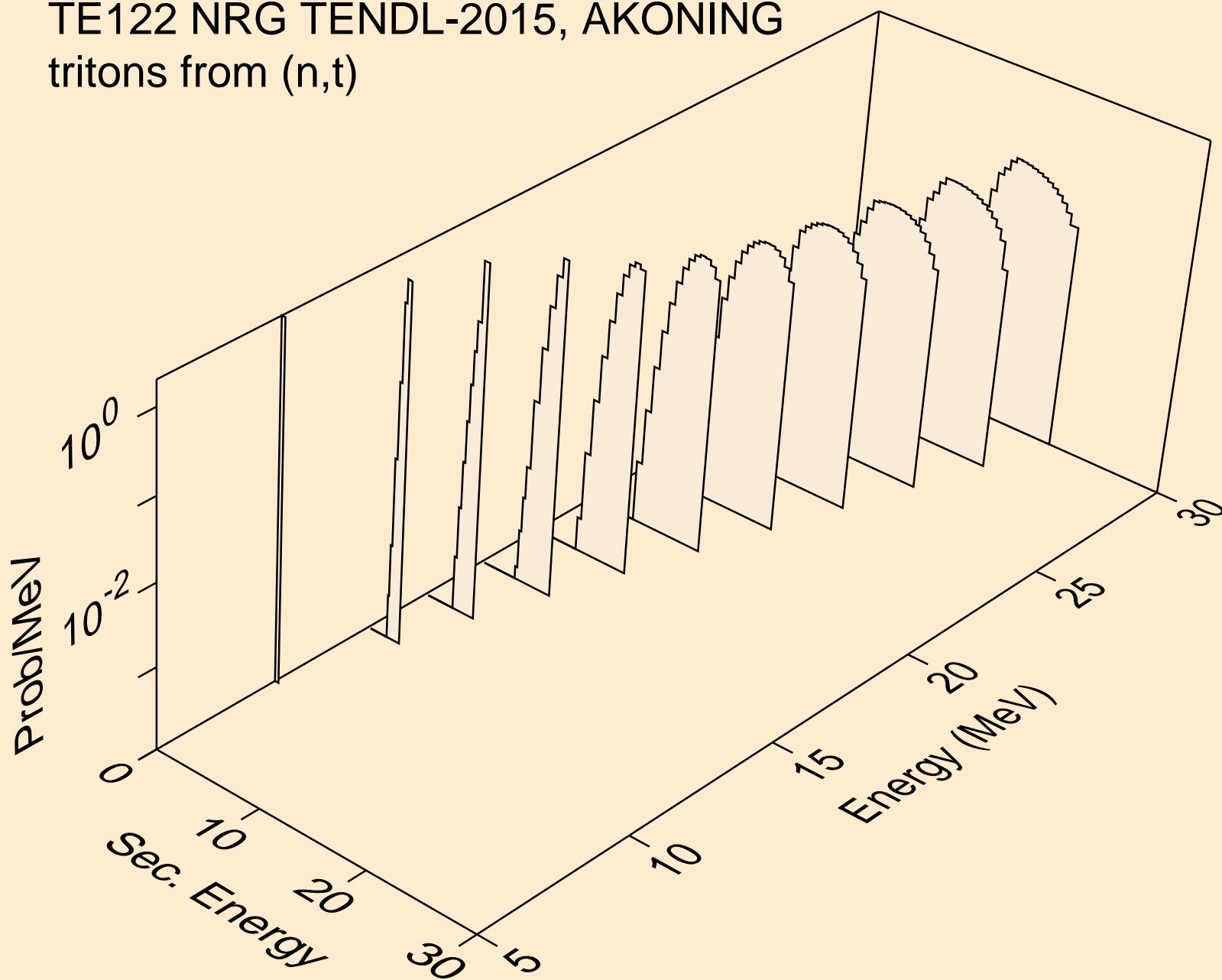
TE122 NRG TENDL-2015, AKONING  
tritons from ( $n,x$ )



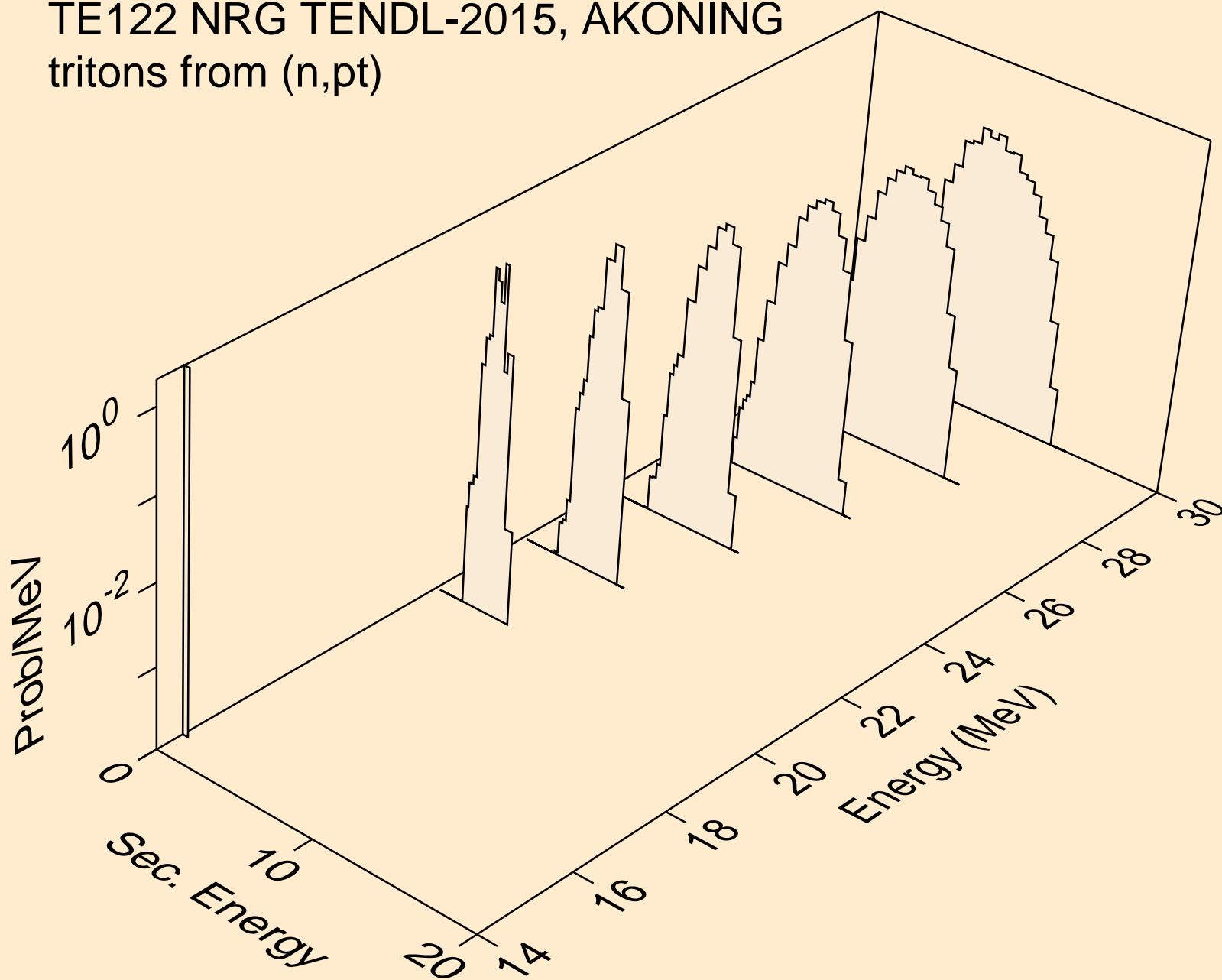
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tritons from  $(n,n^*)t$



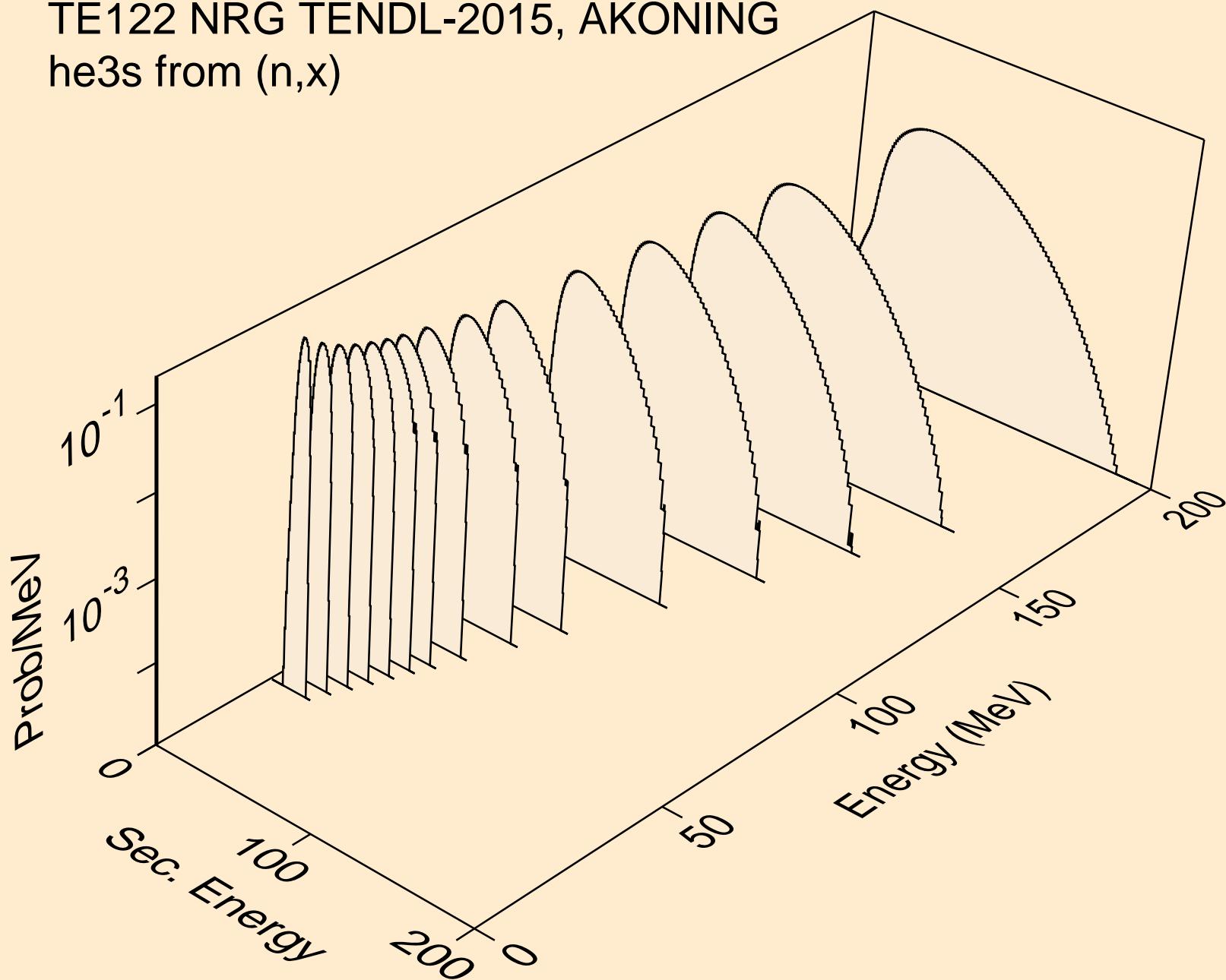
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tritons from (n,t)



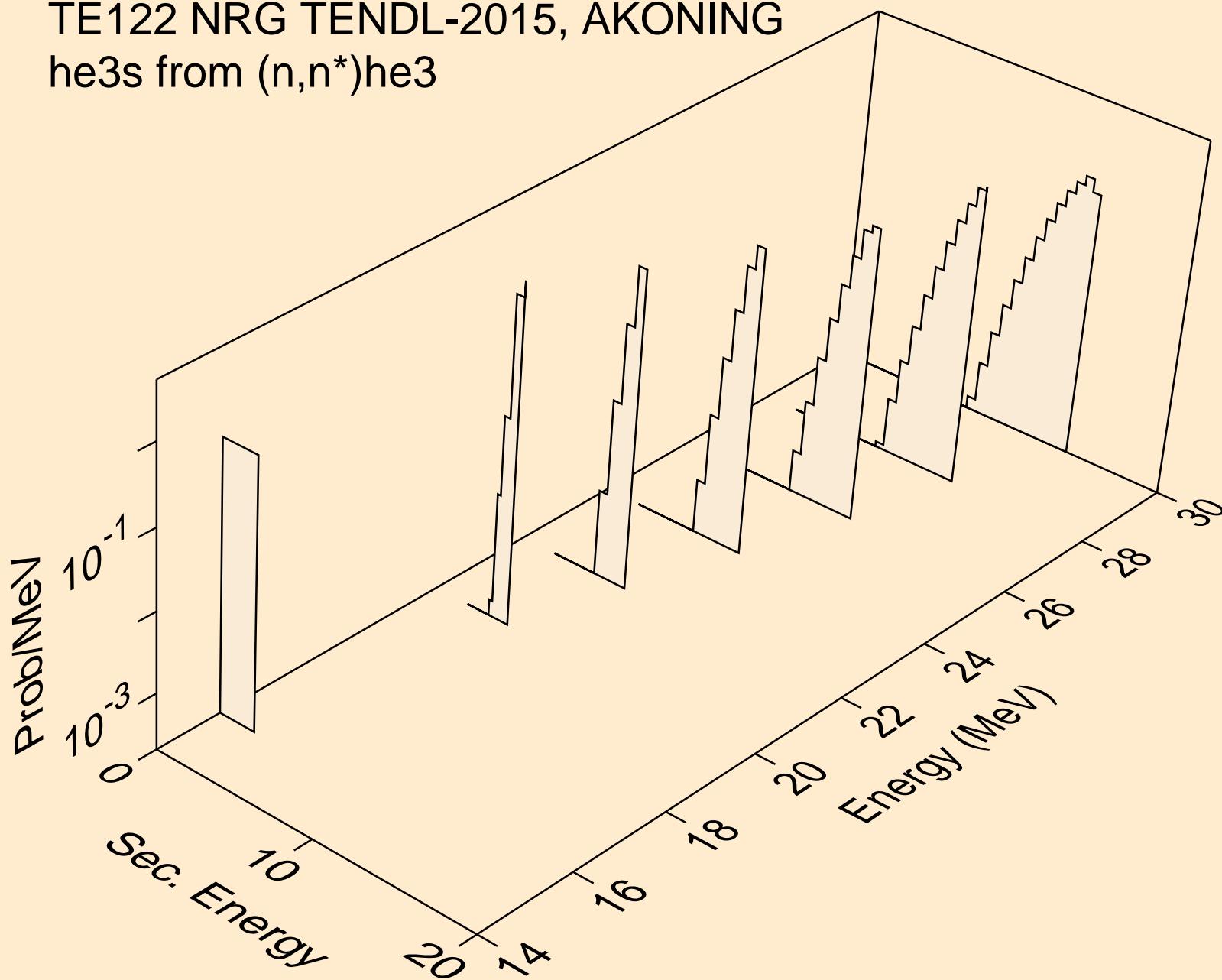
TE122 NRG TENDL-2015, AKONING  
tritons from (n,pt)



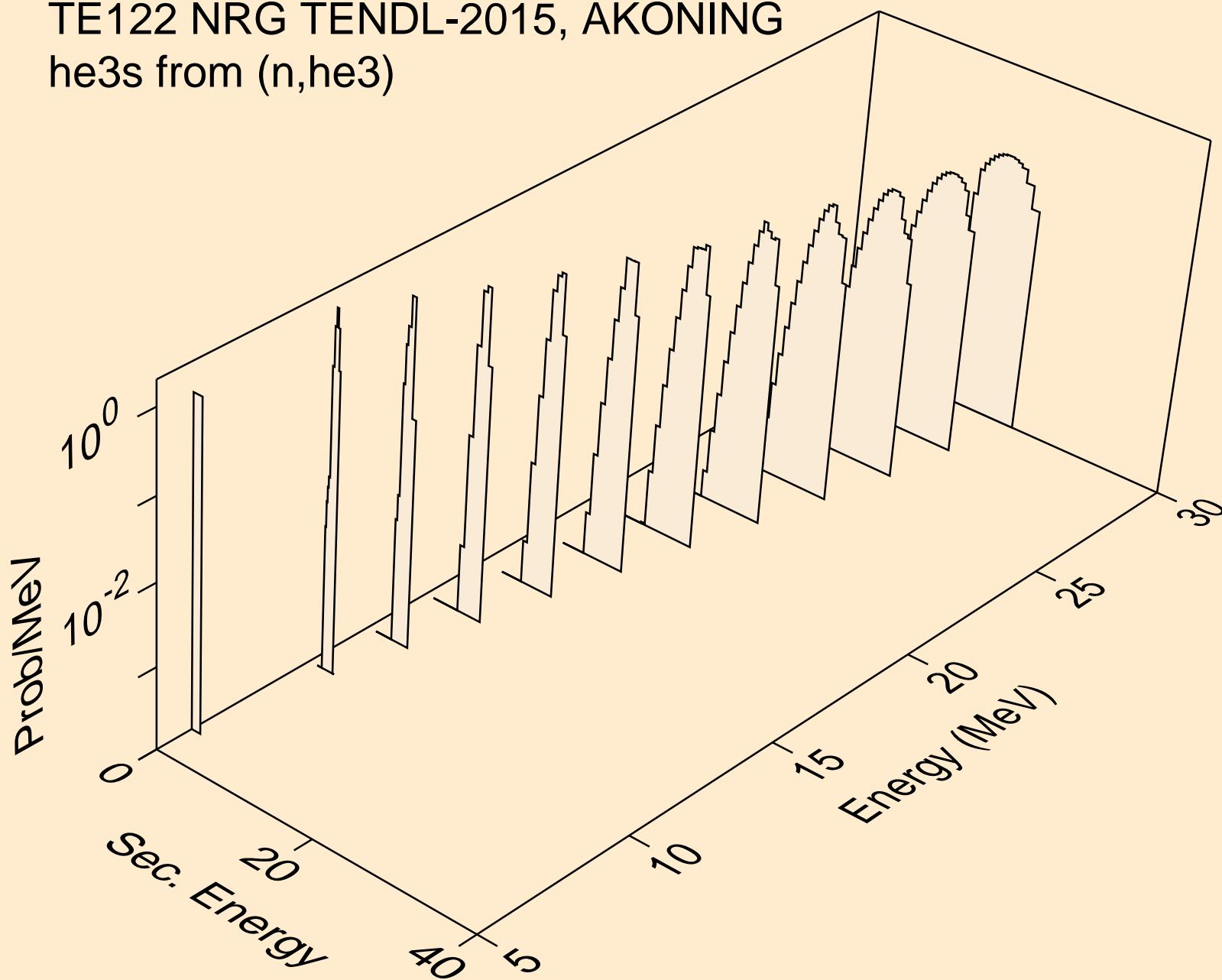
TE122 NRG TENDL-2015, AKONING  
he3s from (n,x)



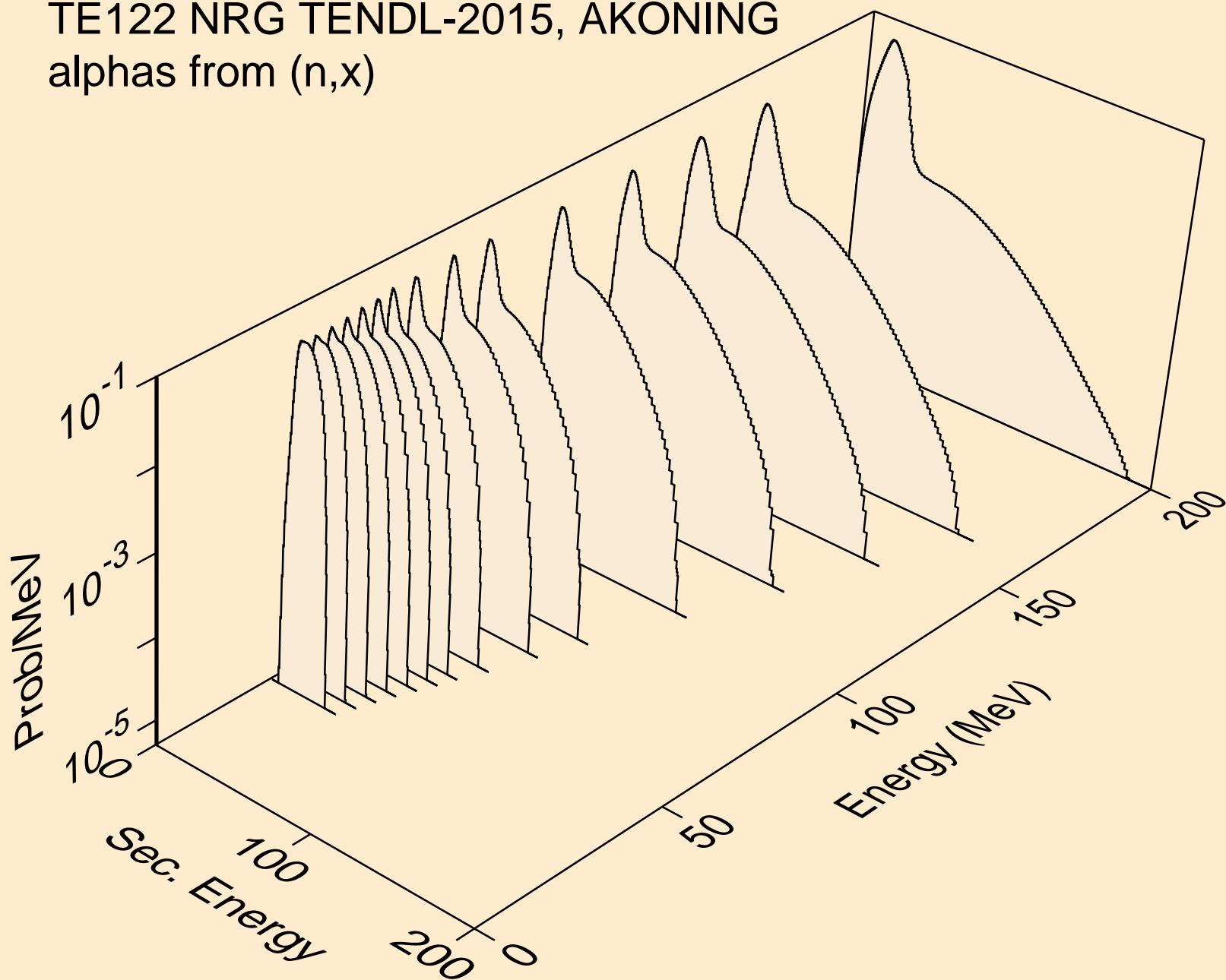
TE122 NRG TENDL-2015, AKONING  
he3s from ( $n, n^*$ )he3



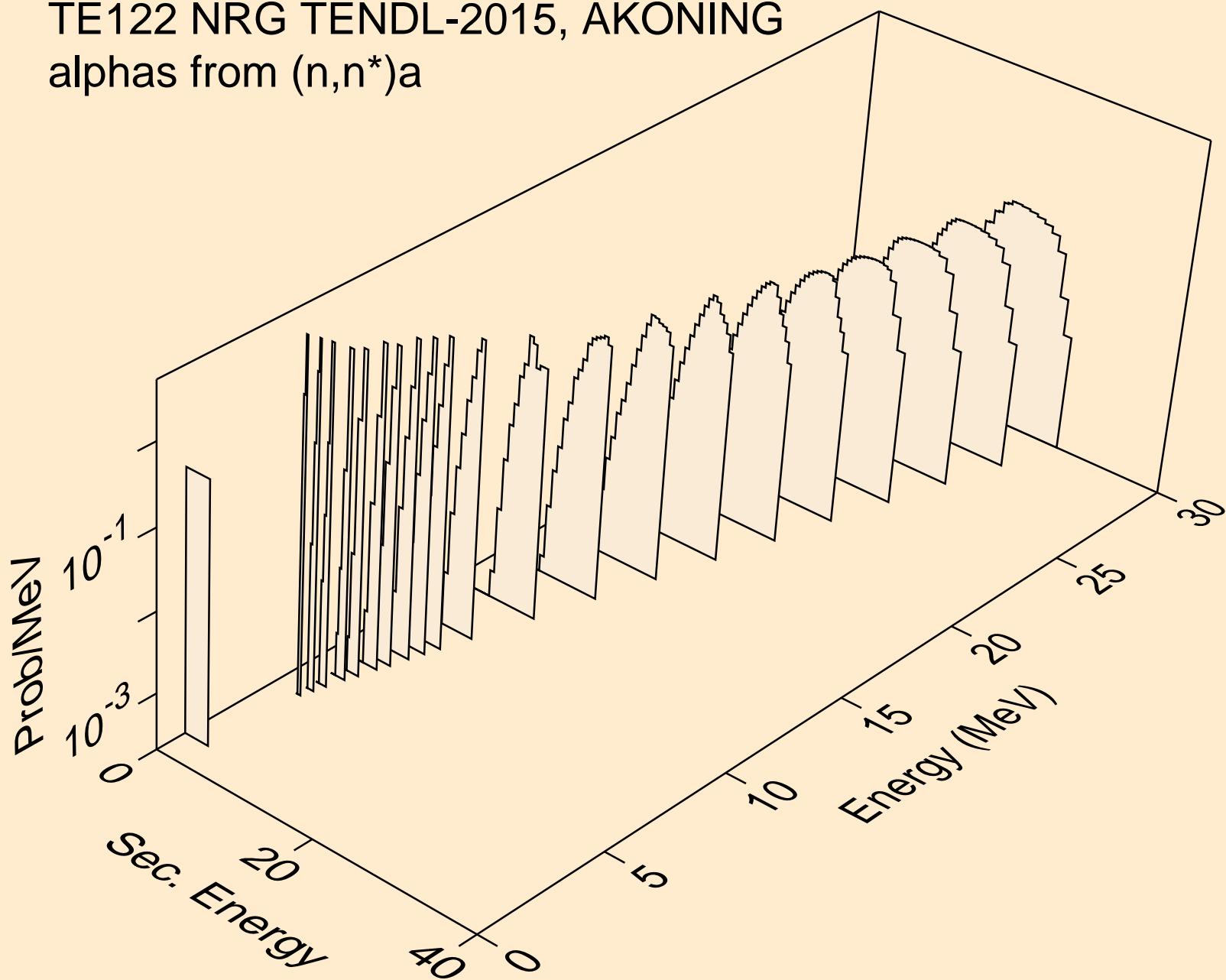
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he3s from (n,he3)



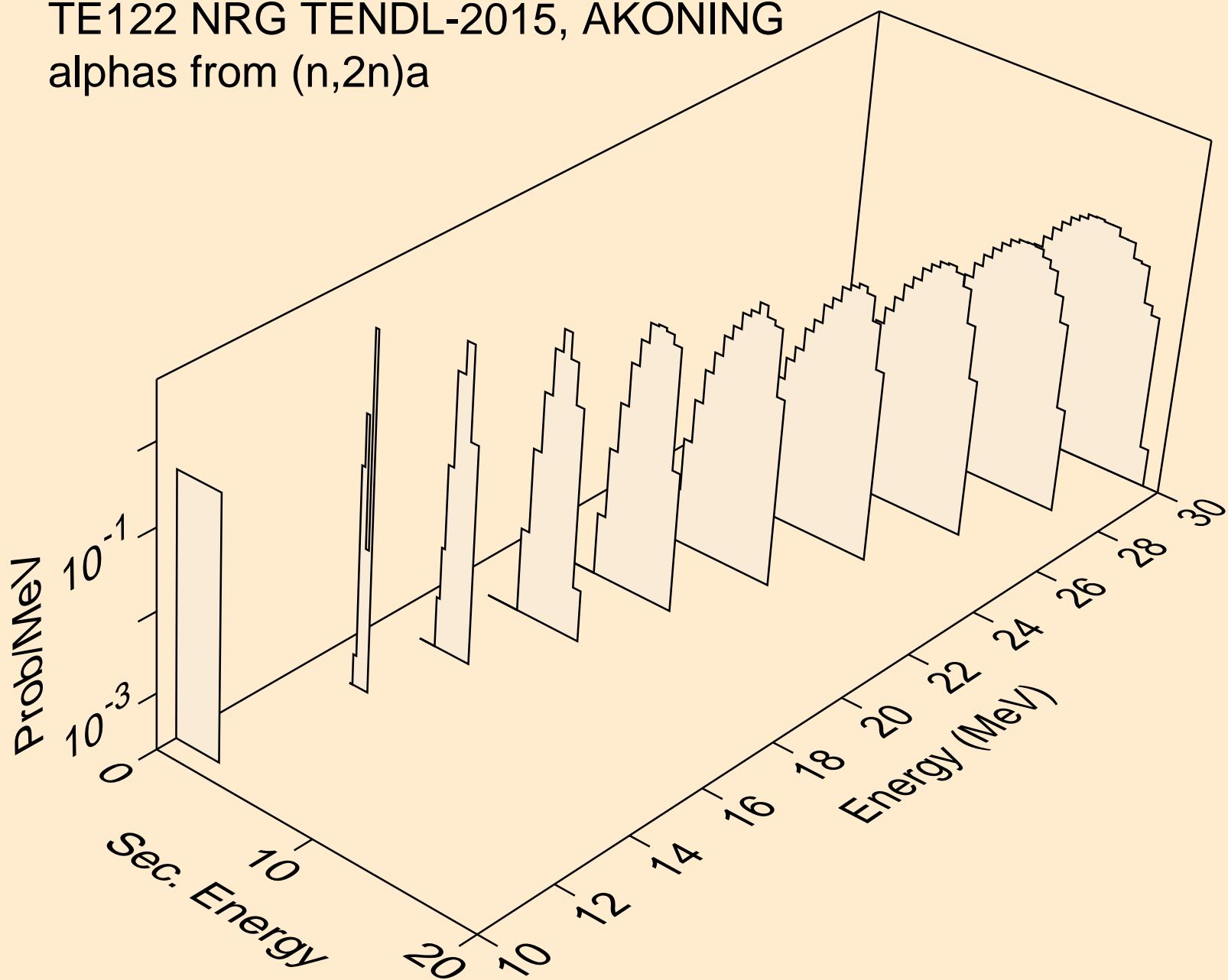
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alphas from (n,x)



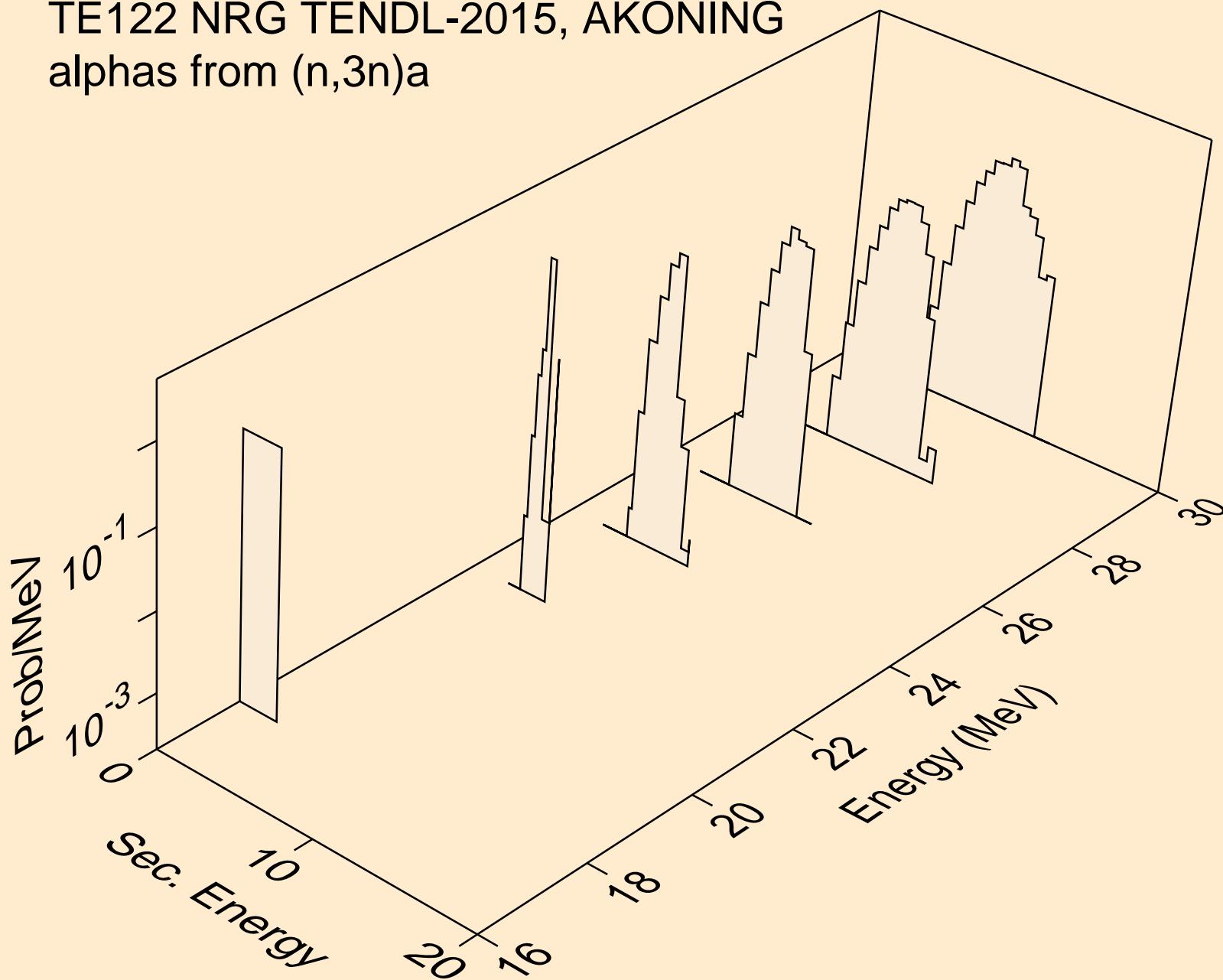
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alphas from  $(n,n^*)a$



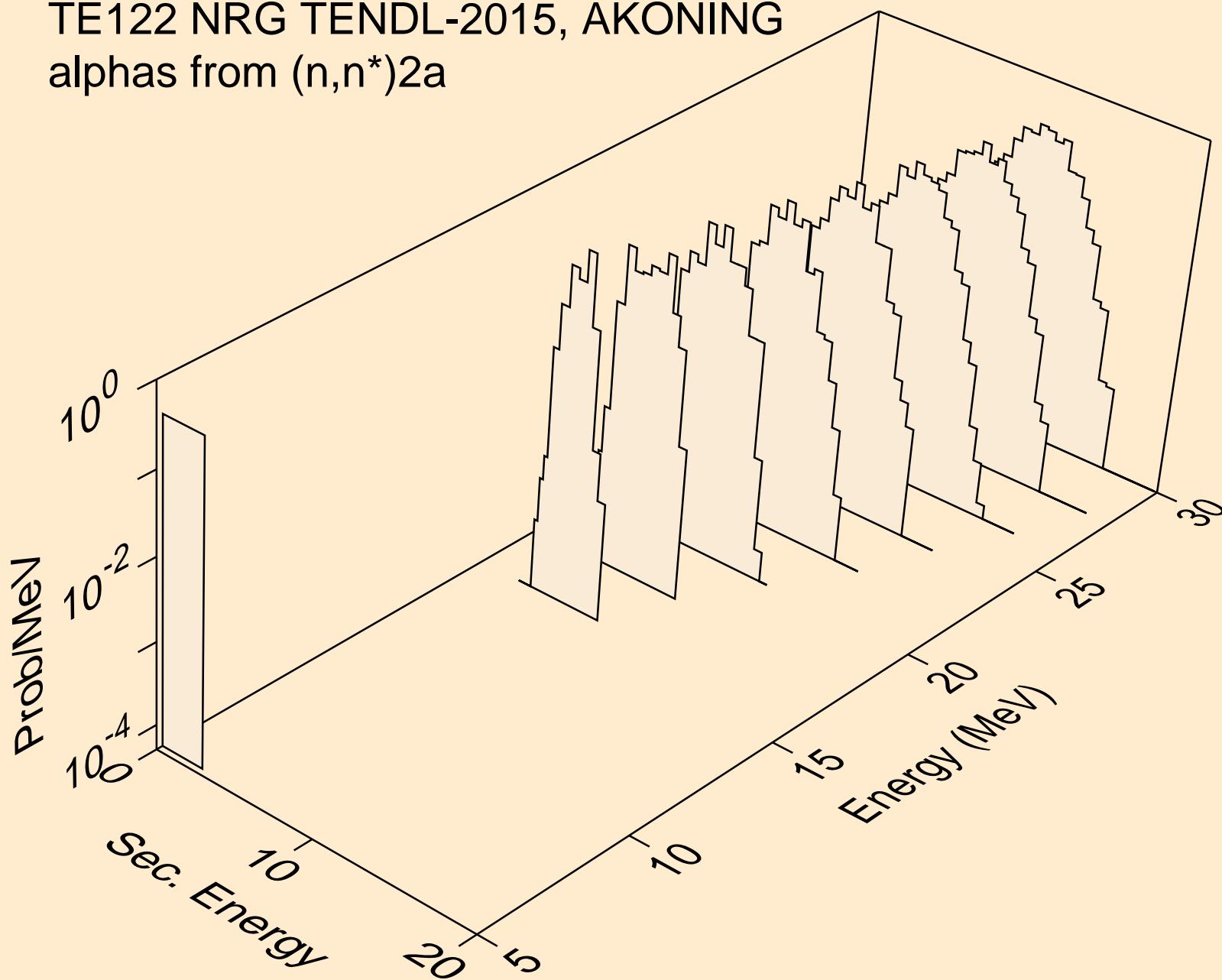
TE122 NRG TENDL-2015, AKONING  
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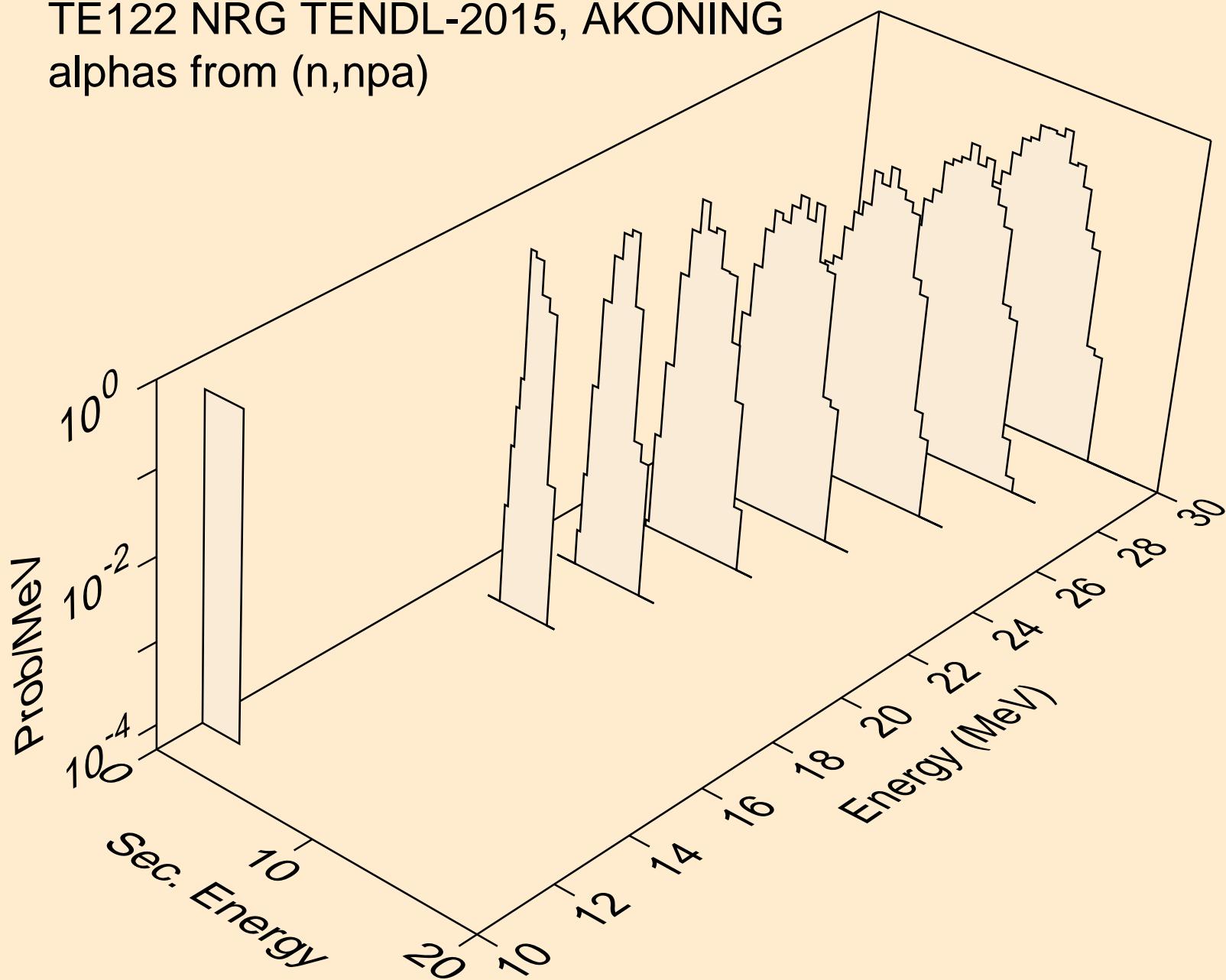
TE122 NRG TENDL-2015, AKONING  
alphas from  $(n,3n)a$



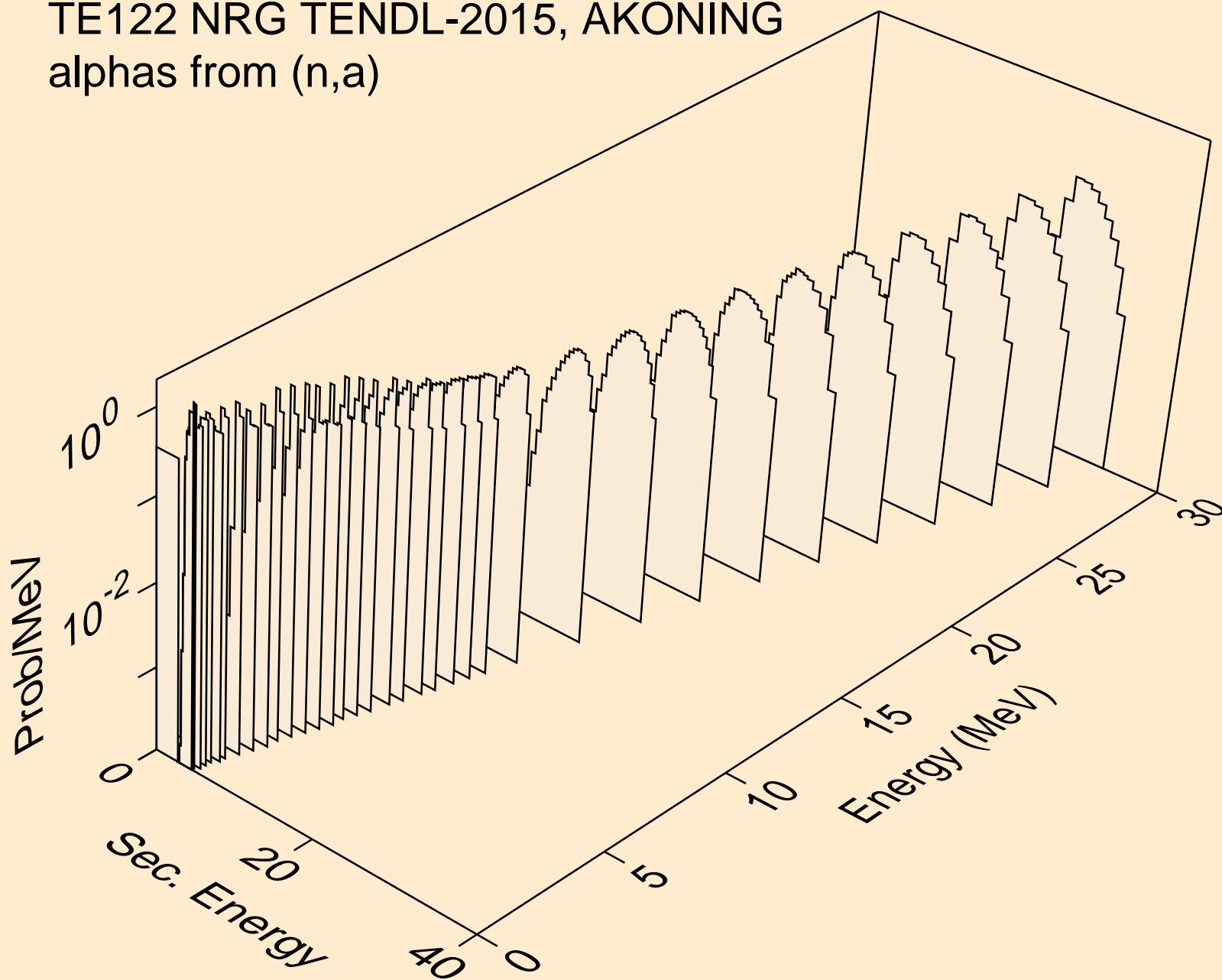
TE122 NRG TENDL-2015, AKONING  
alphas from  $(n,n^*)2a$



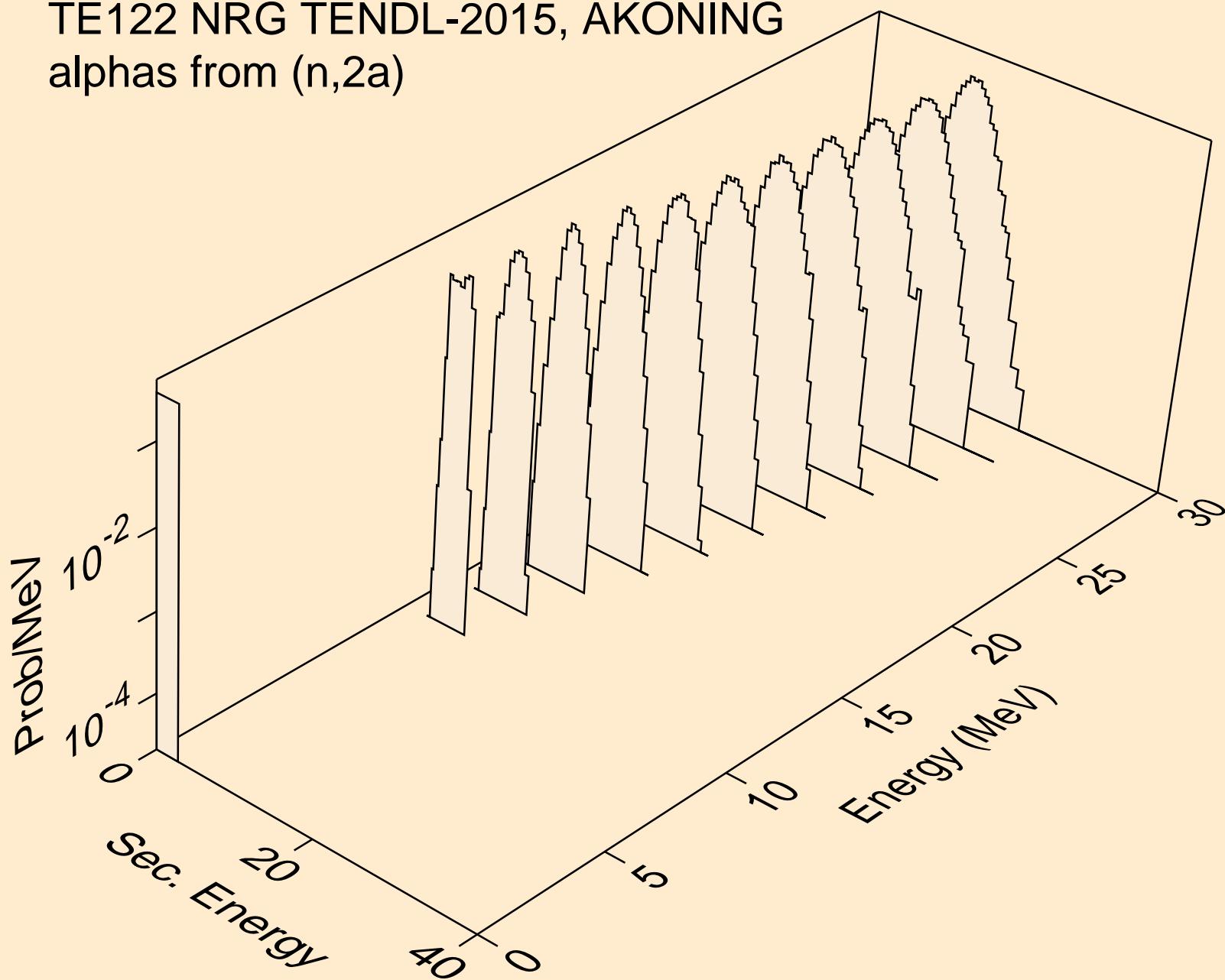
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alphas from (n,npa)



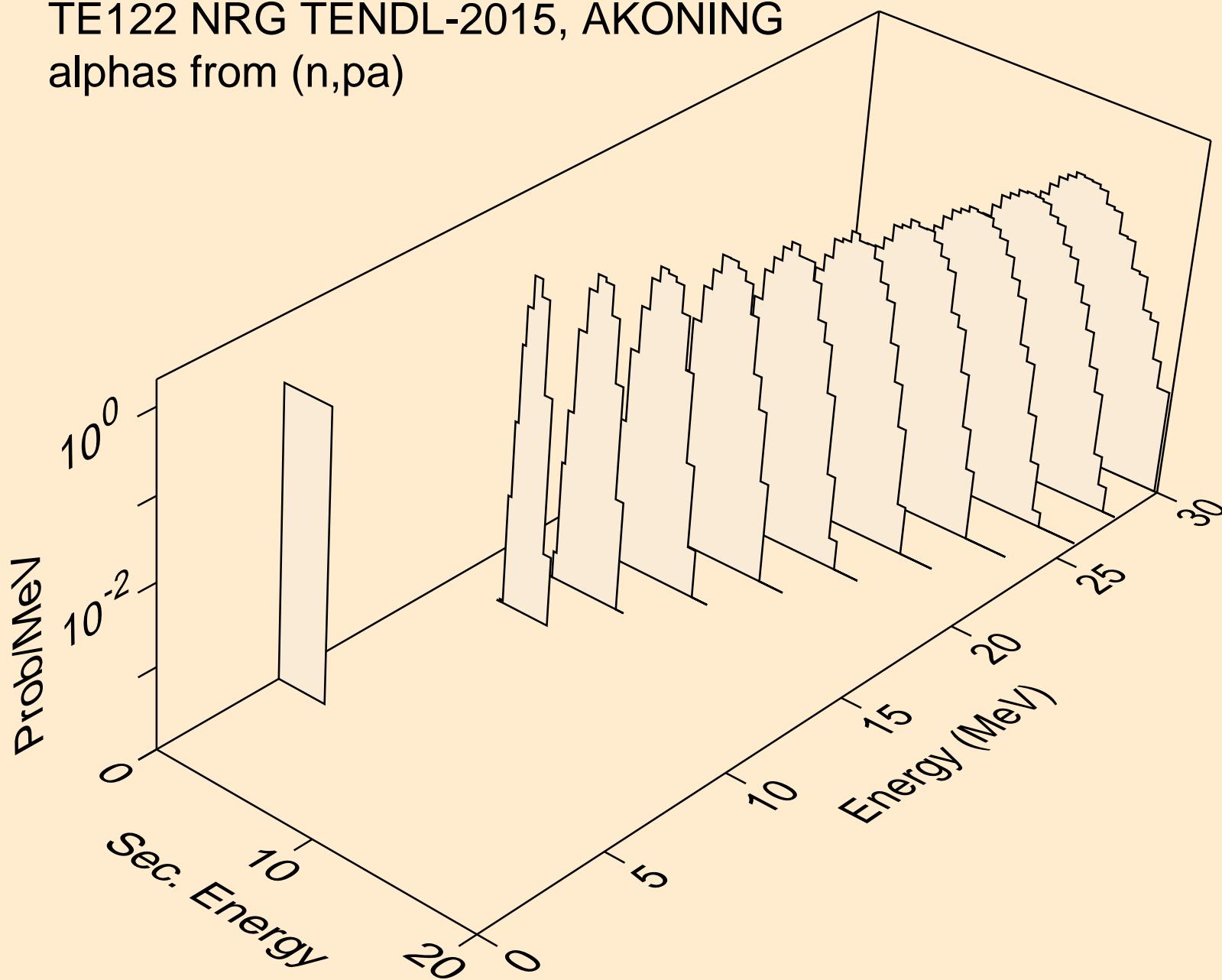
TE122 NRG TENDL-2015, AKONING  
alphas from (n,a)



TE122 NRG TENDL-2015, AKONING  
alphas from ( $n,2a$ )



TE122 NRG TENDL-2015, AKONING  
alphas from (n,pa)



TE122 NRG TENDL-2015, AKONING  
alphas from (n,da)

