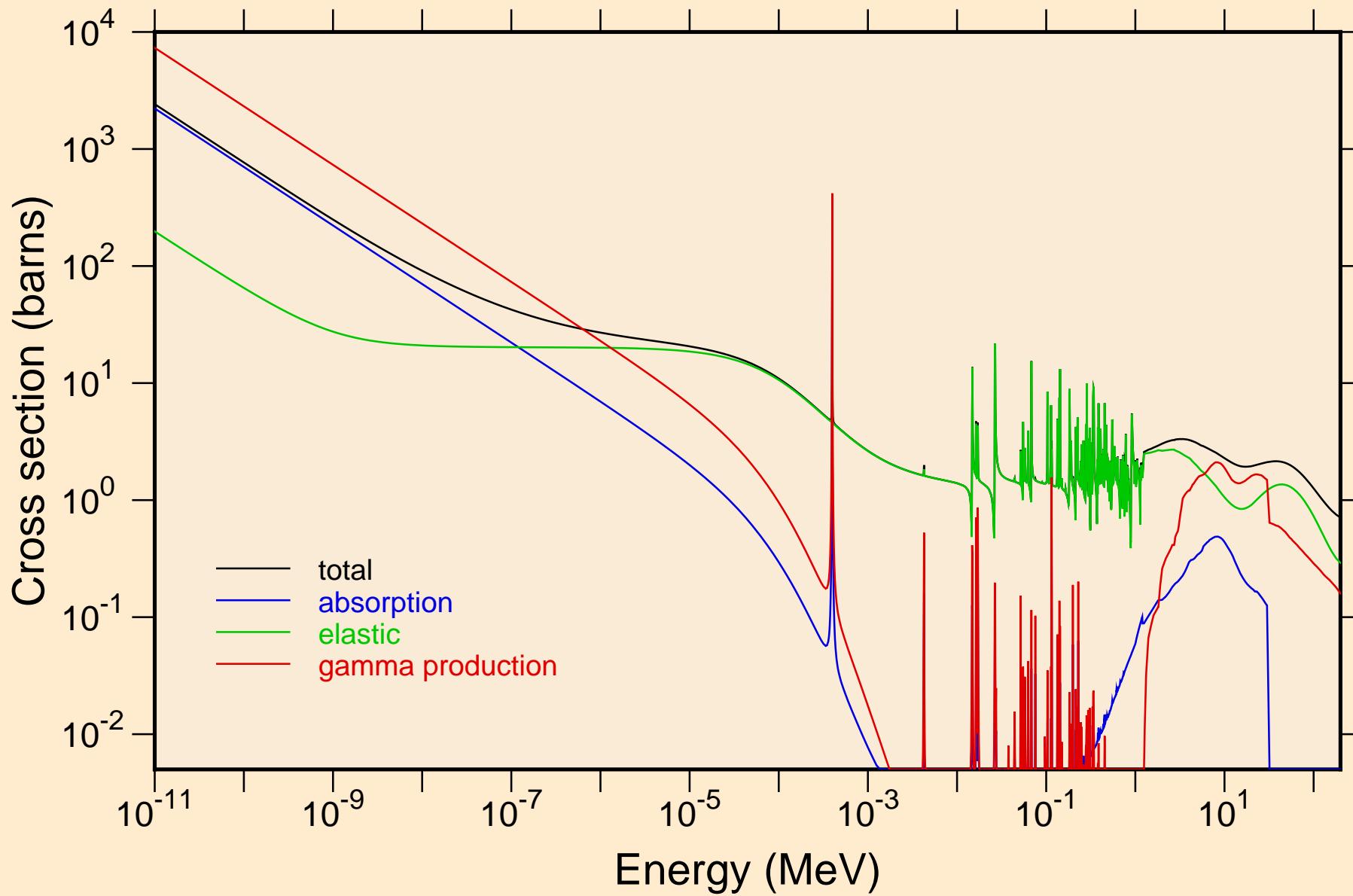
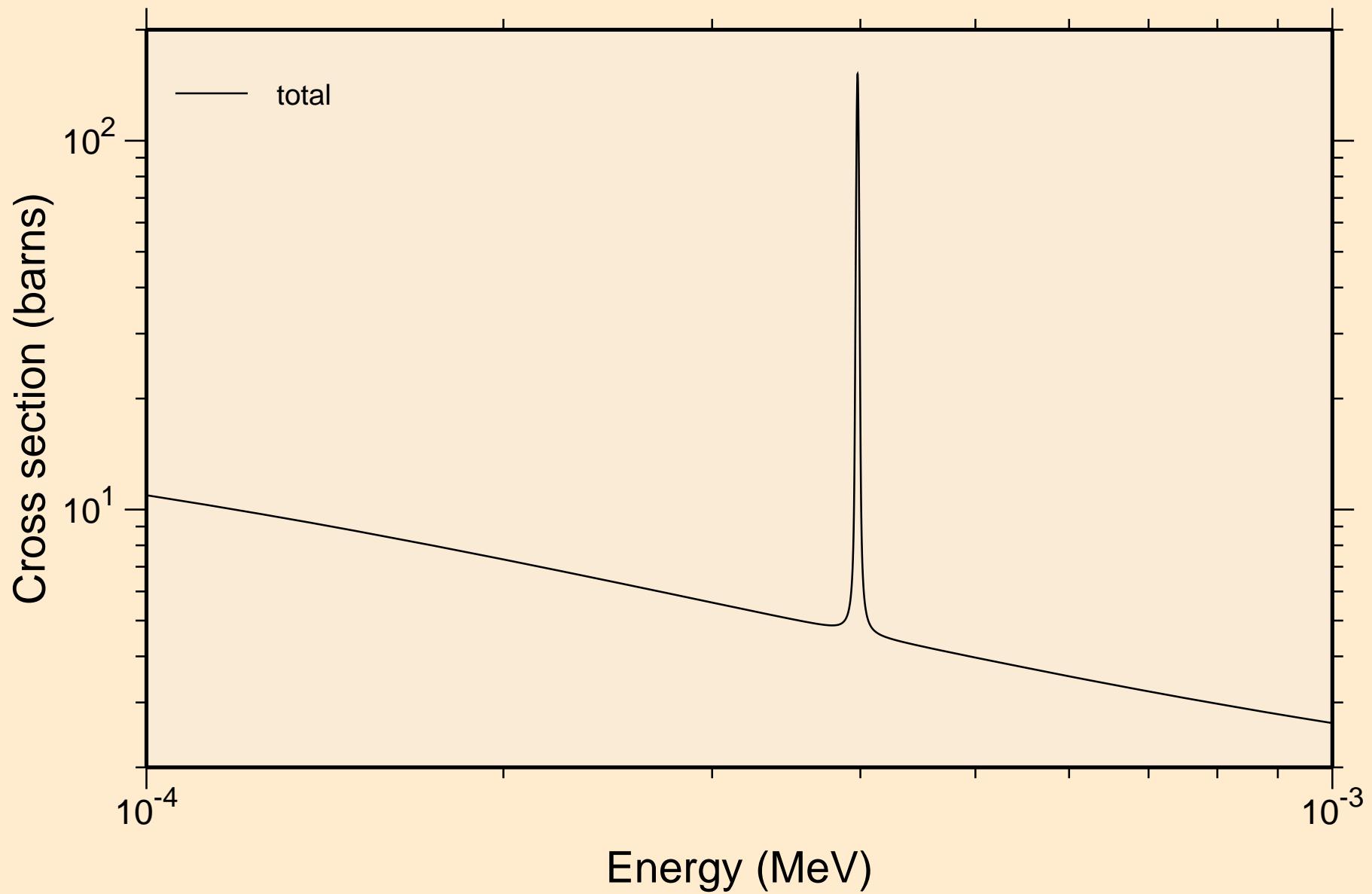


# CL035 NRG TENDL-2015, AKONING

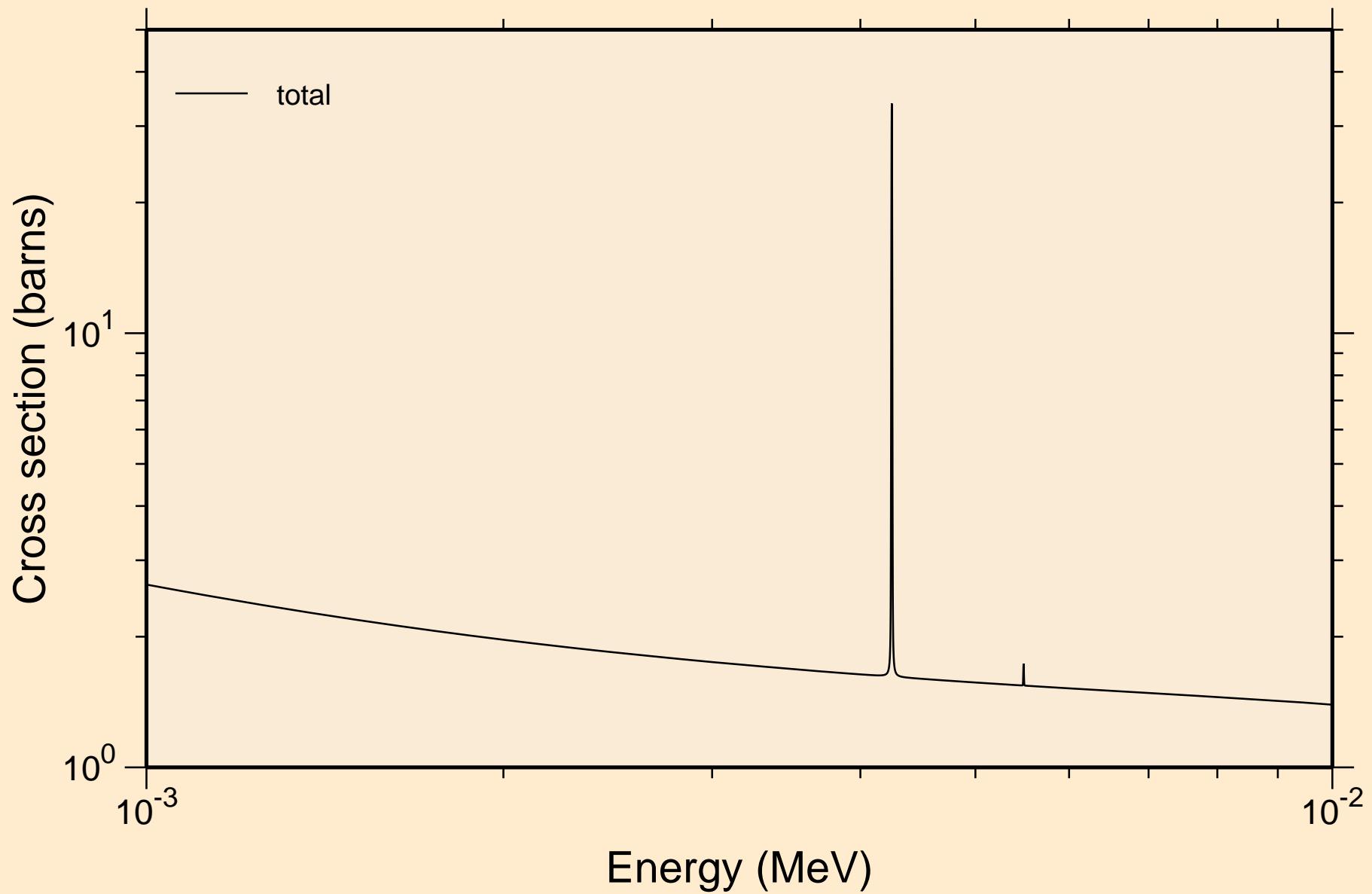
## Principal cross sections



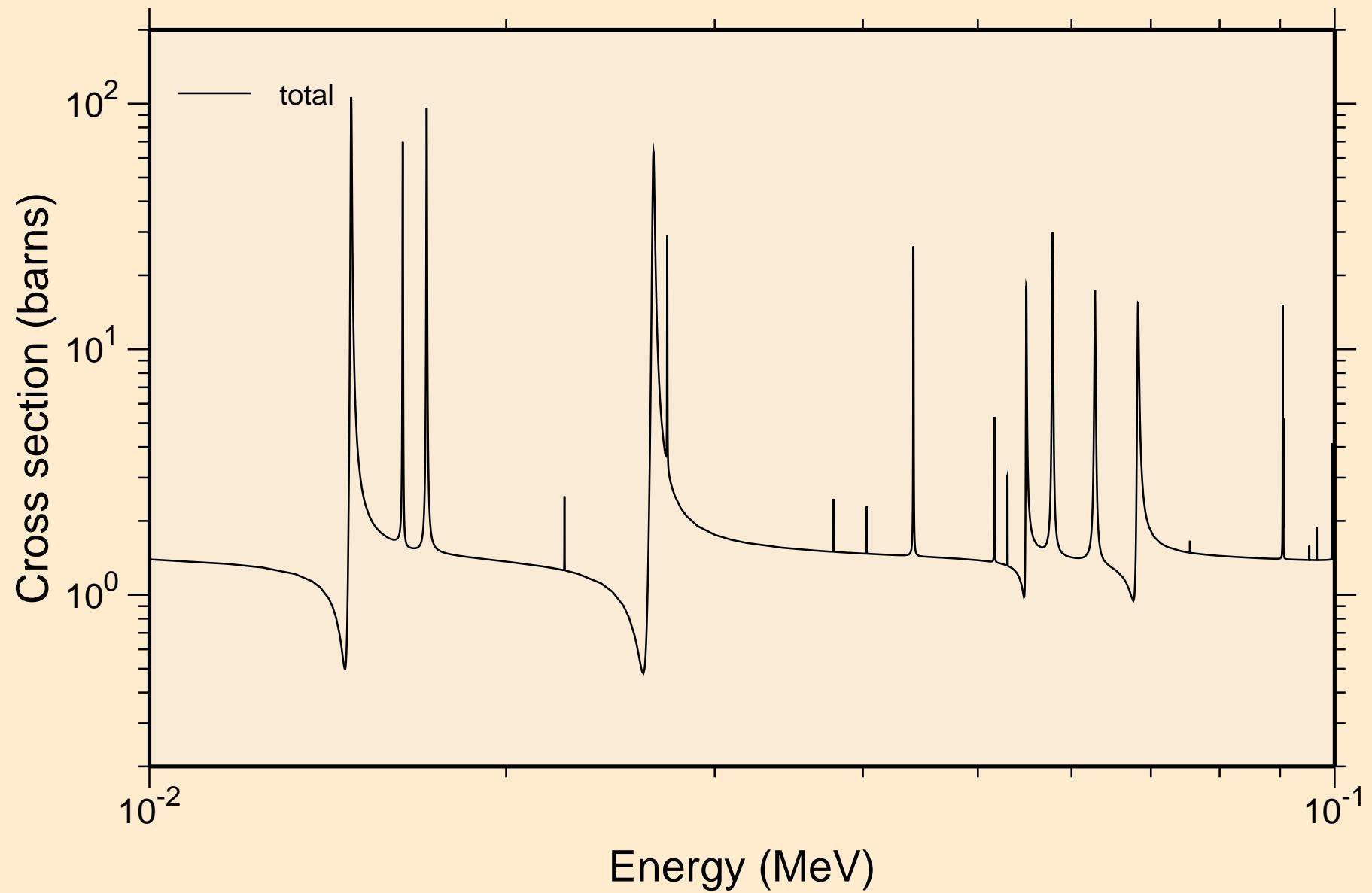
CL035 NRG TENDL-2015, AKONING  
resonance total cross section



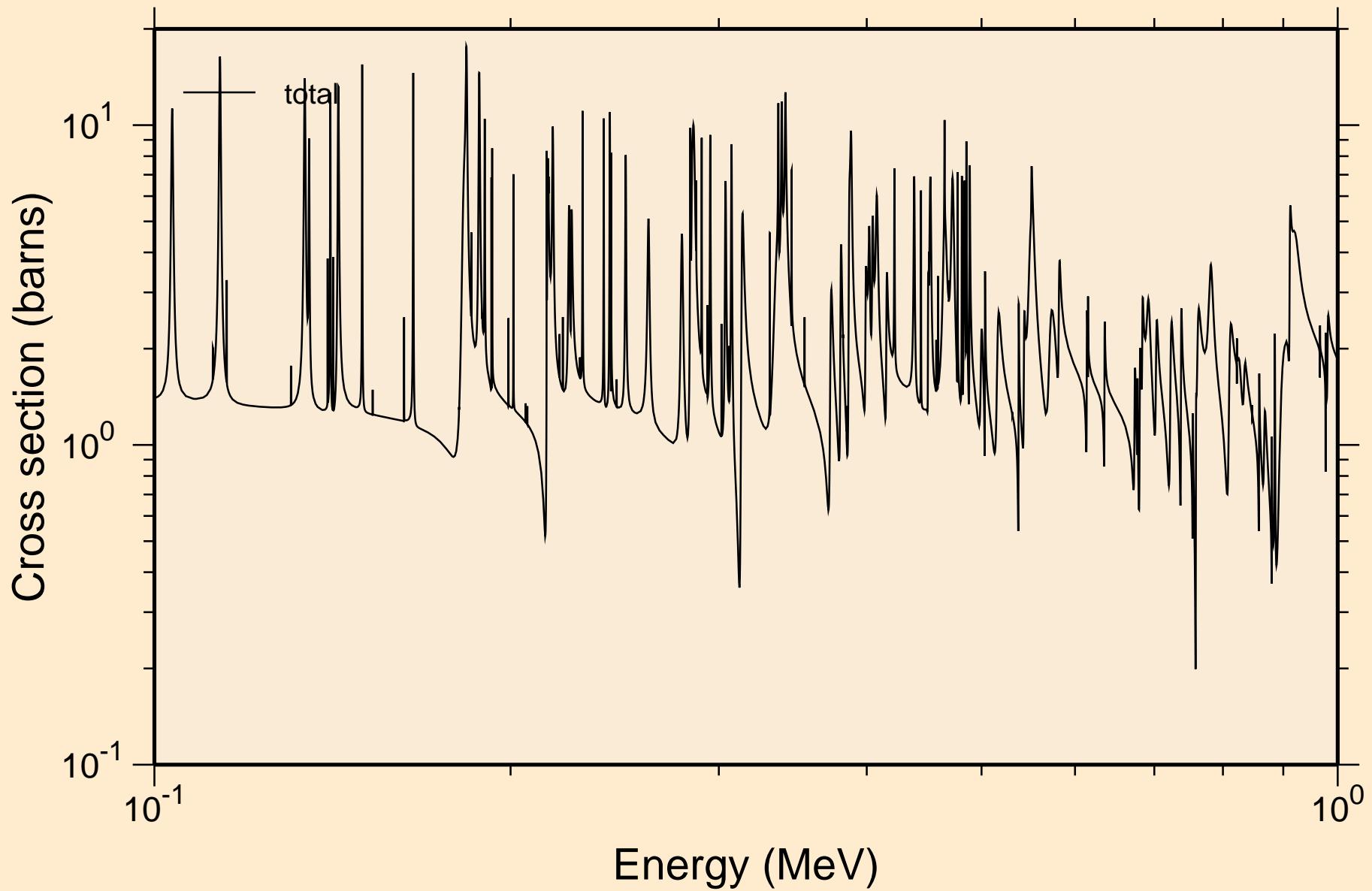
CL035 NRG TENDL-2015, AKONING  
resonance total cross section



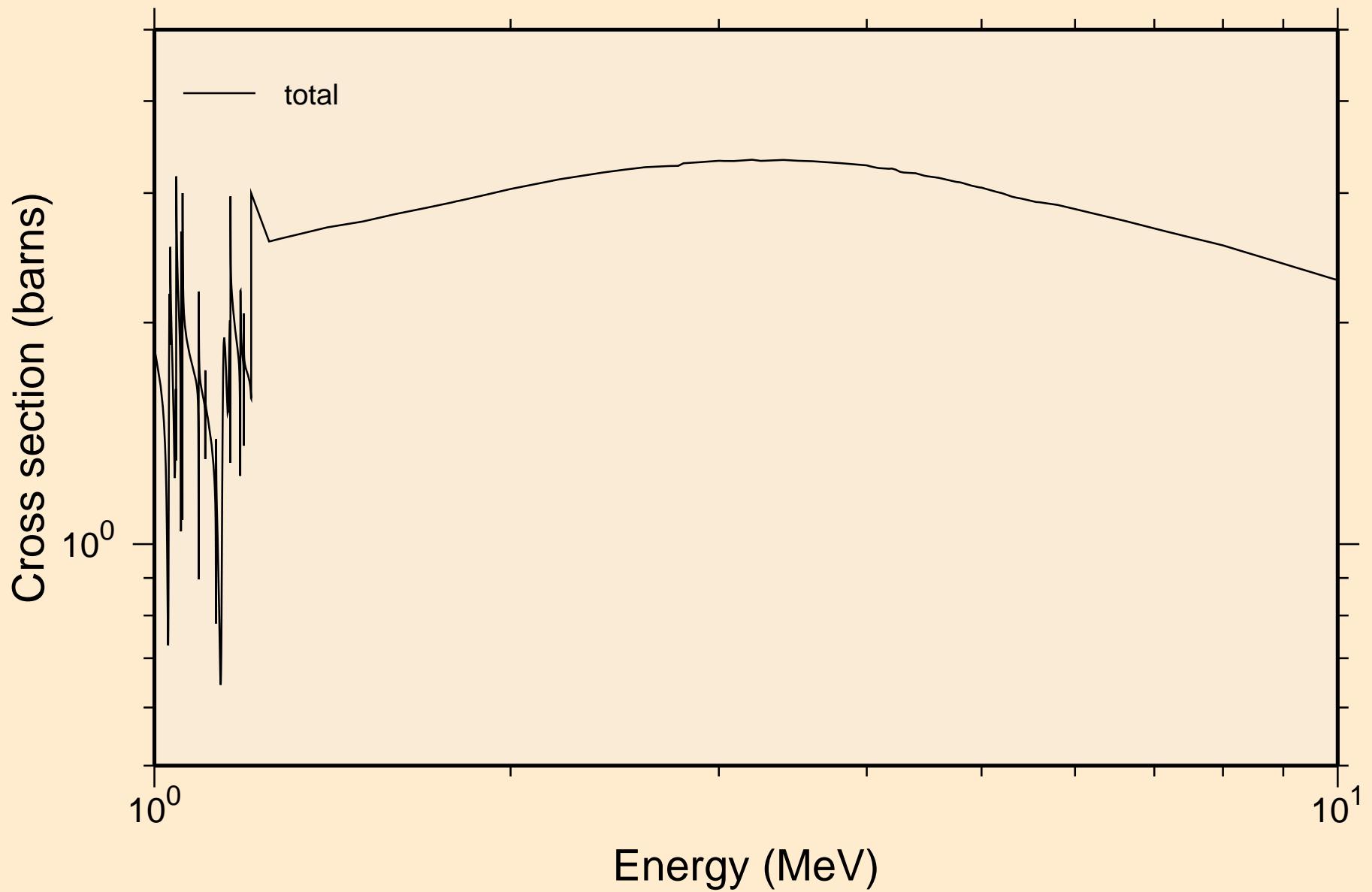
CL035 NRG TENDL-2015, AKONING  
resonance total cross section



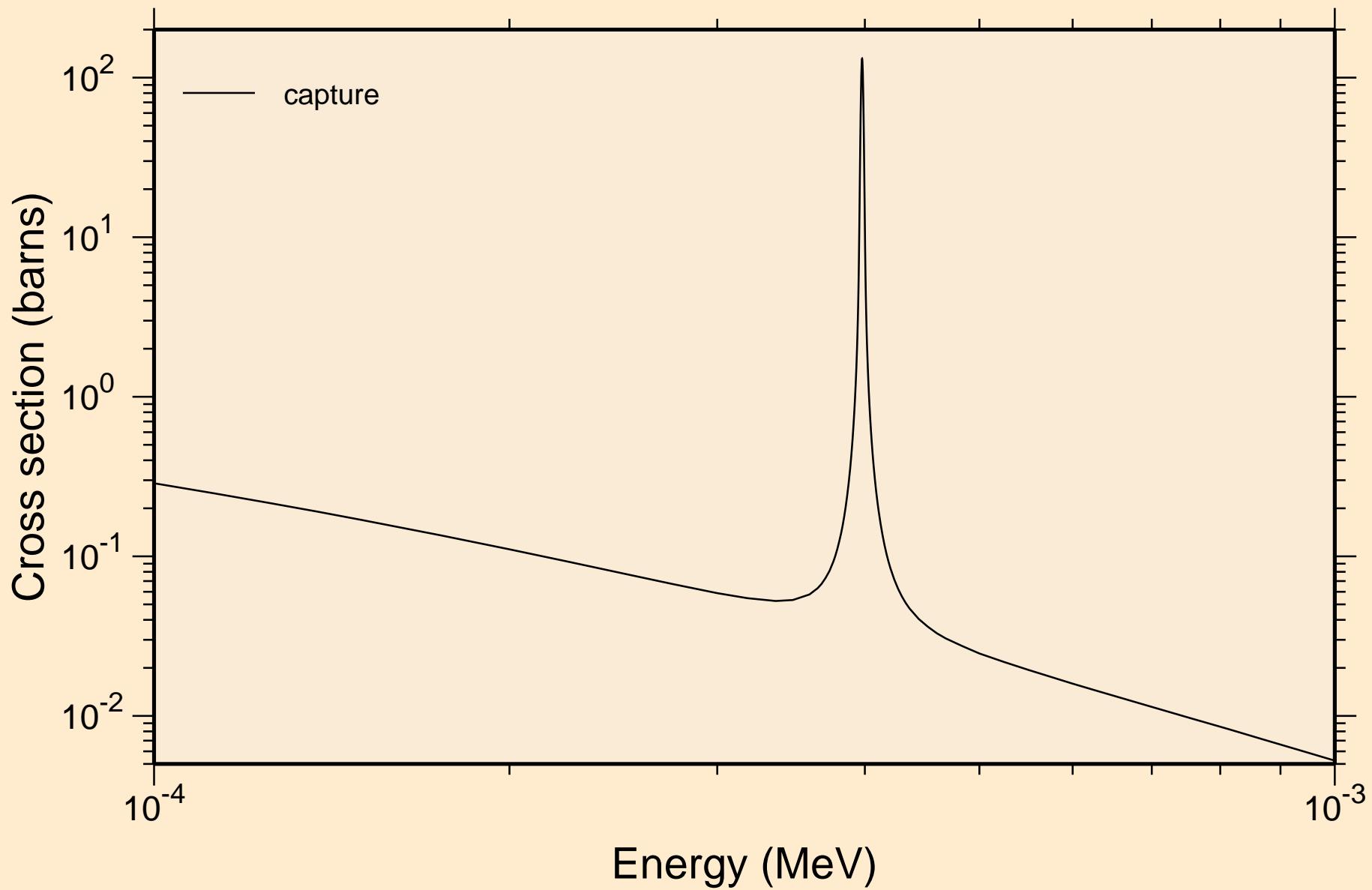
CL035 NRG TENDL-2015, AKONING  
resonance total cross section



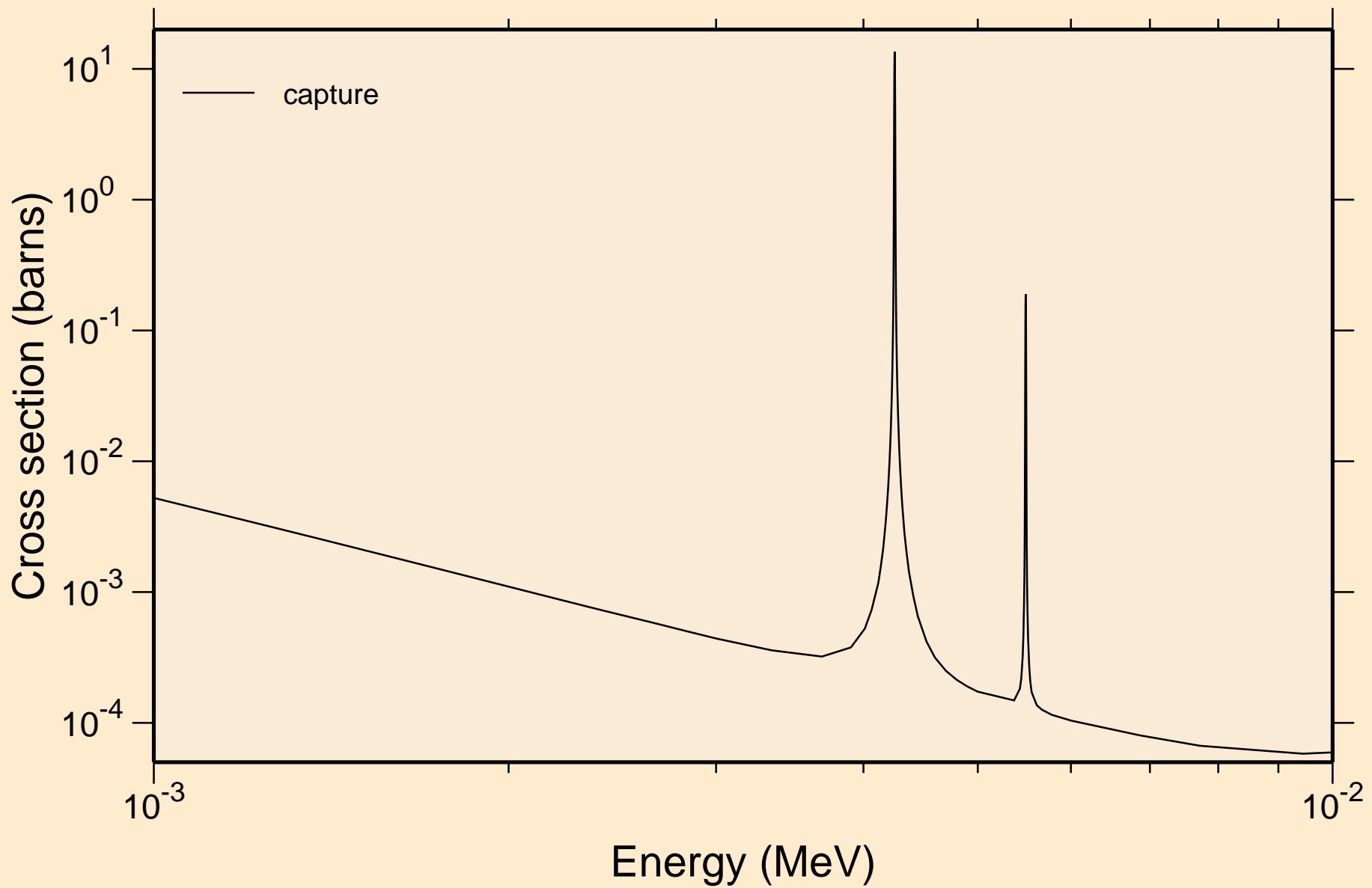
CL035 NRG TENDL-2015, AKONING  
resonance total cross section



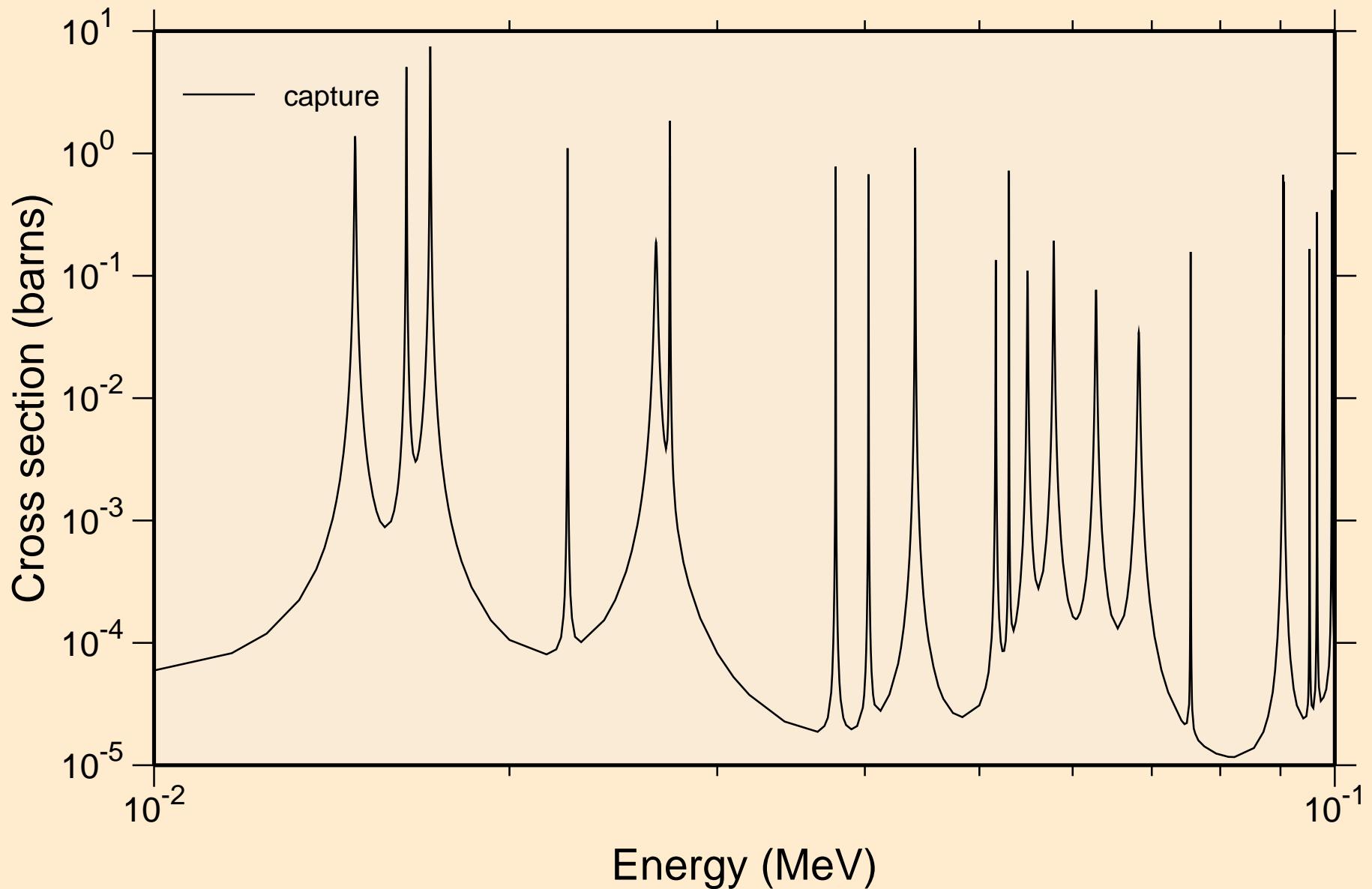
CL035 NRG TENDL-2015, AKONING  
resonance absorption cross sections



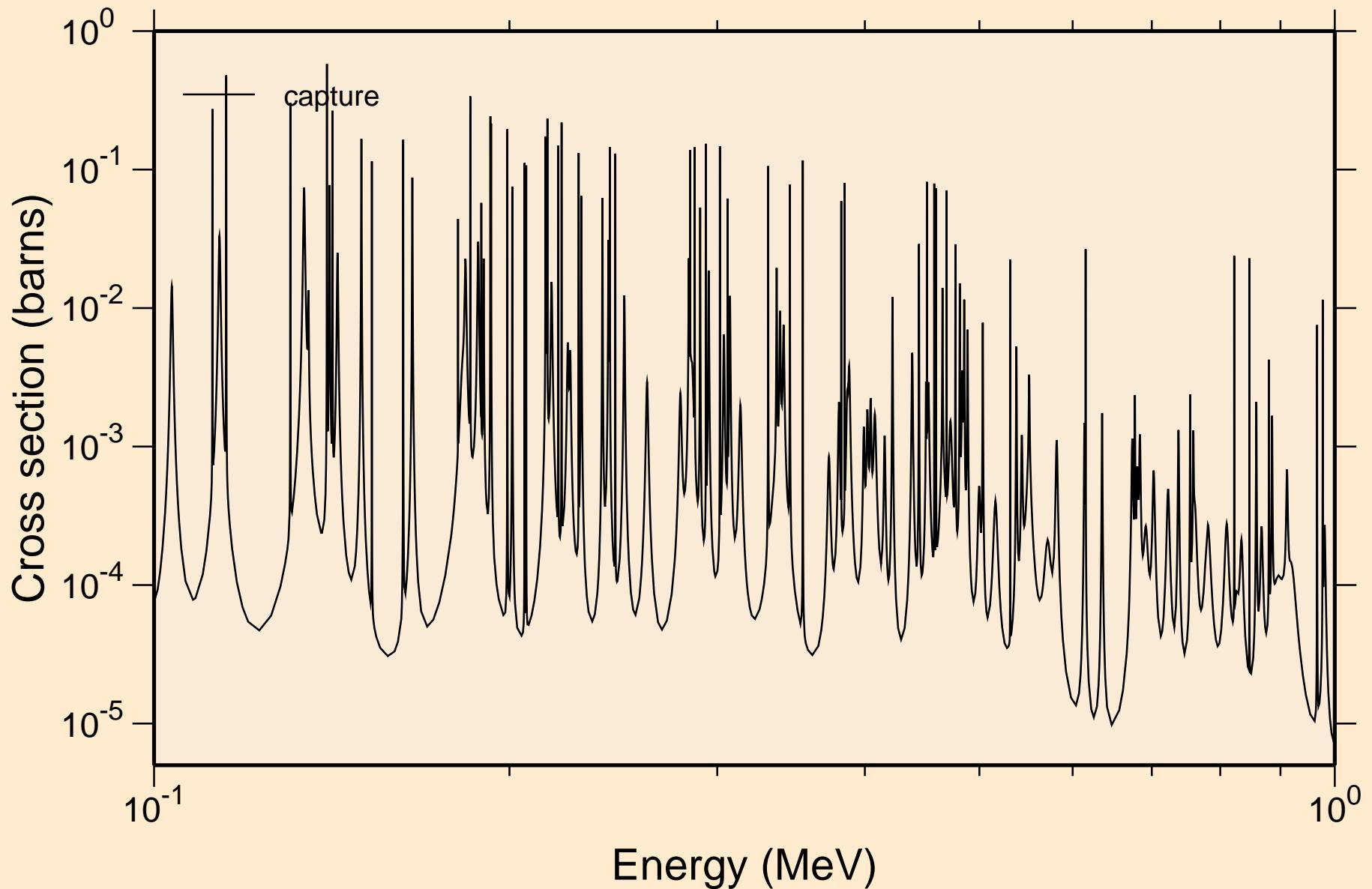
CL035 NRG TENDL-2015, AKONING  
resonance absorption cross sections



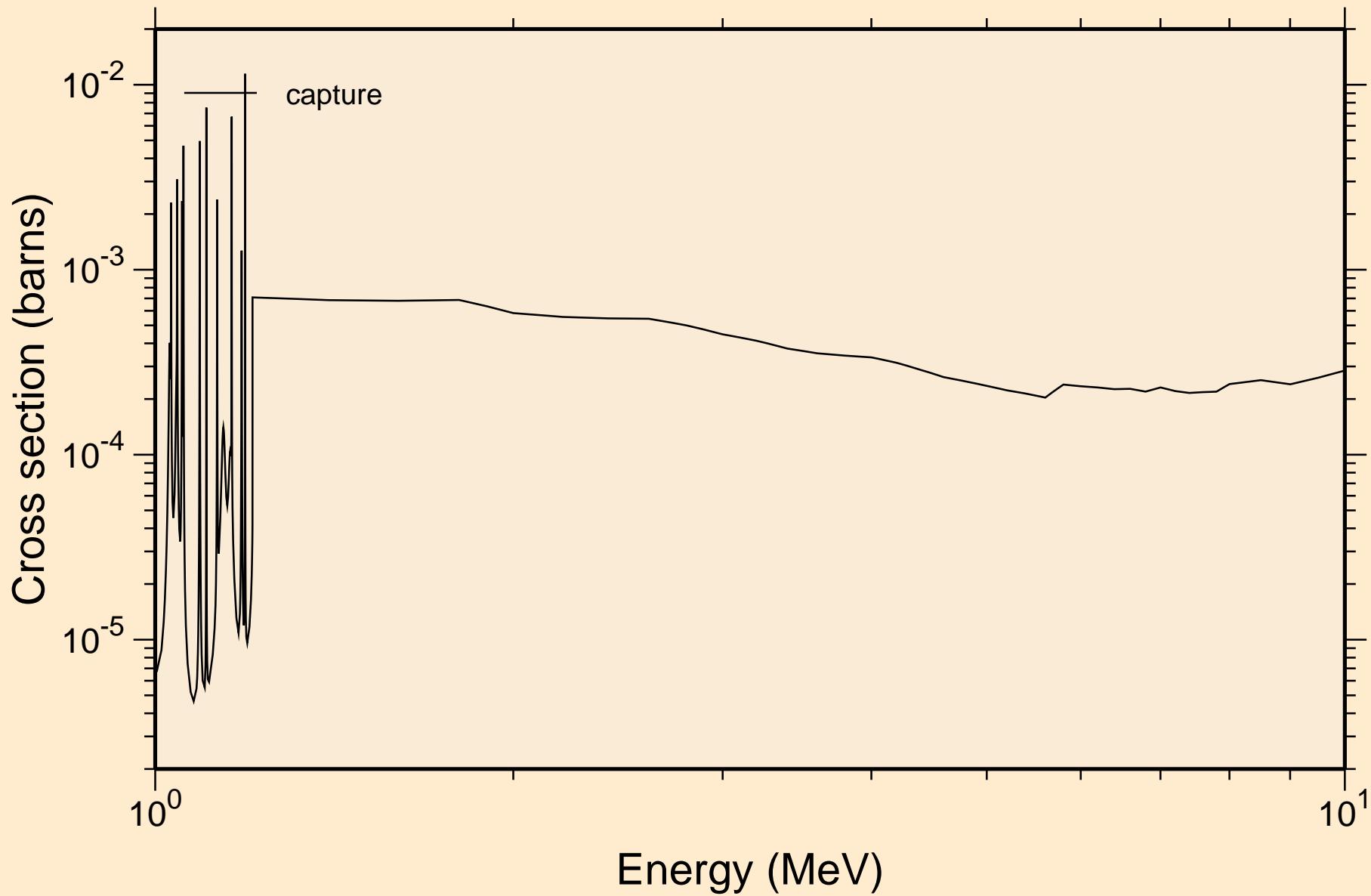
CL035 NRG TENDL-2015, AKONING  
resonance absorption cross sections



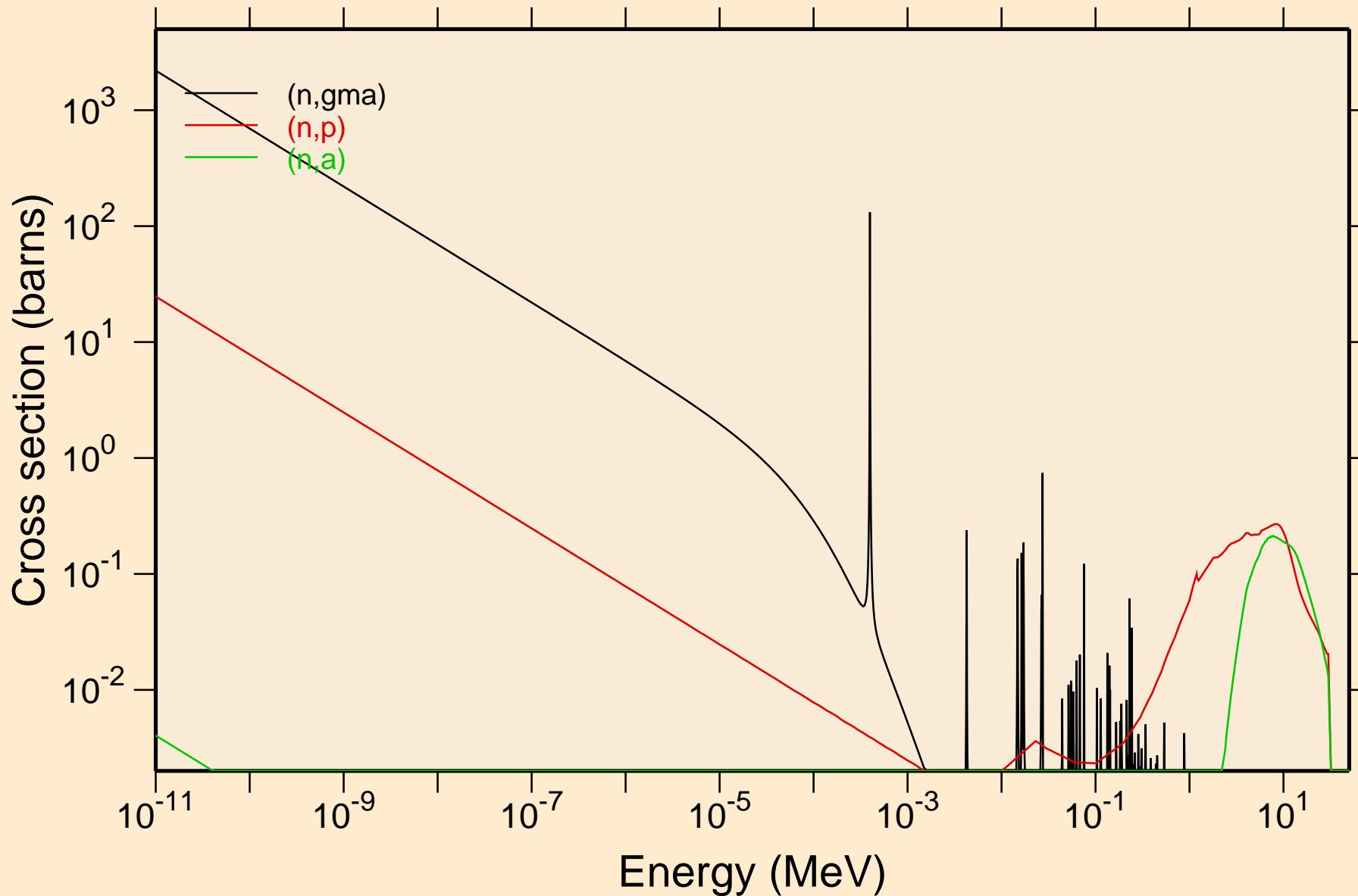
CL035 NRG TENDL-2015, AKONING  
resonance absorption cross sections



CL035 NRG TENDL-2015, AKONING  
resonance absorption cross sections

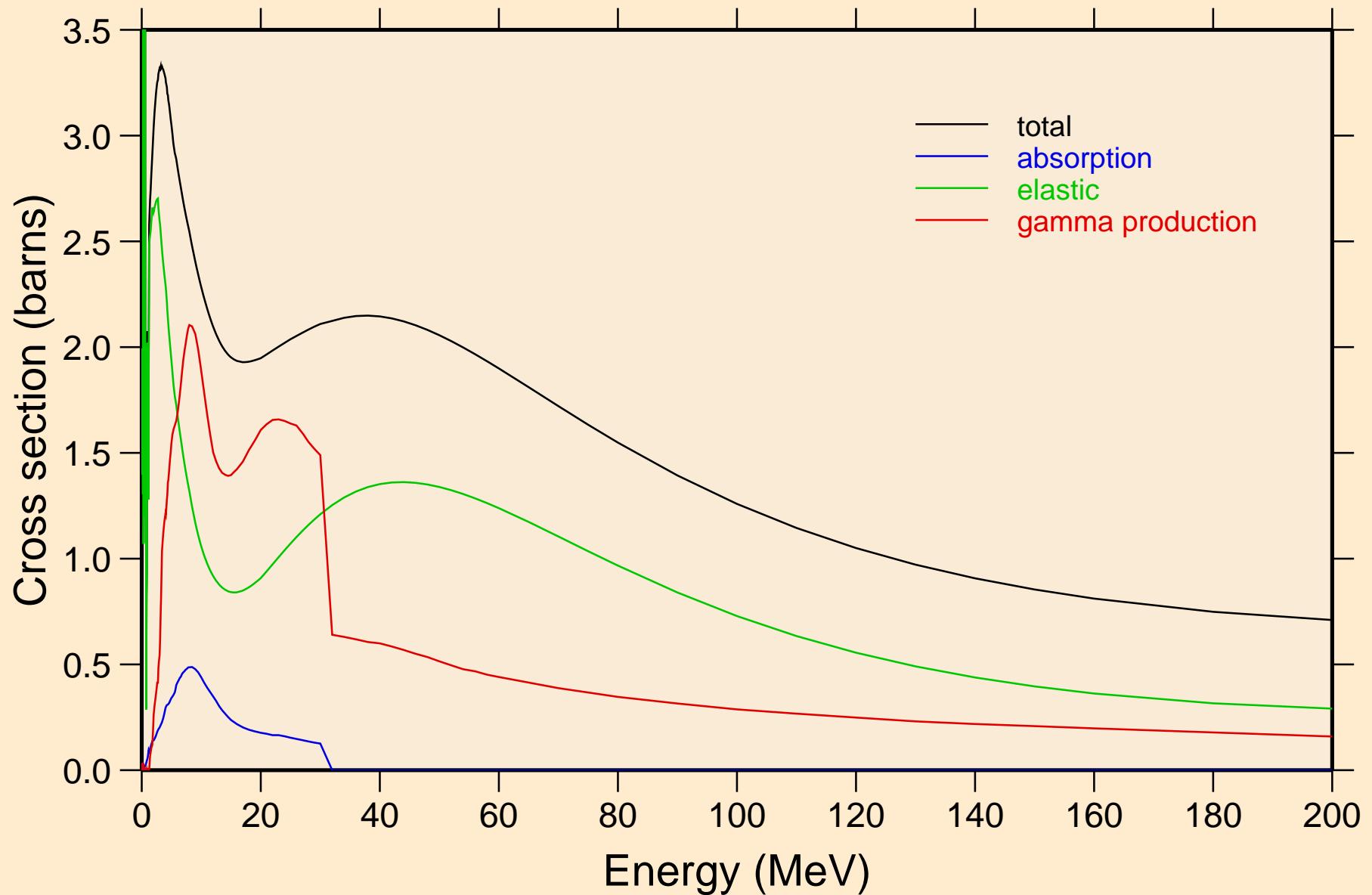


CL035 NRG TENDL-2015, AKONING  
Non-threshold reactions



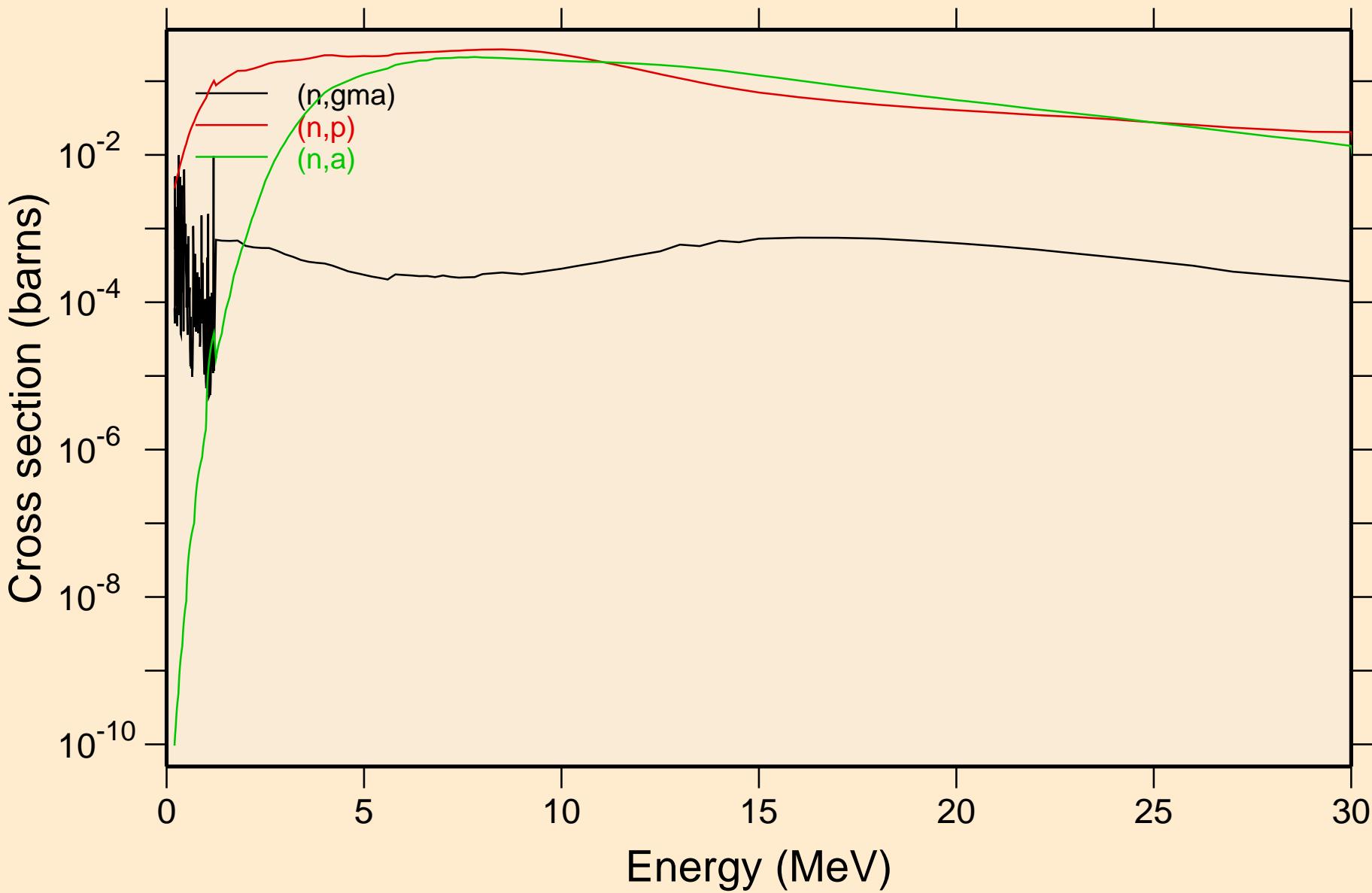
# CL035 NRG TENDL-2015, AKONING

## Principal cross sections



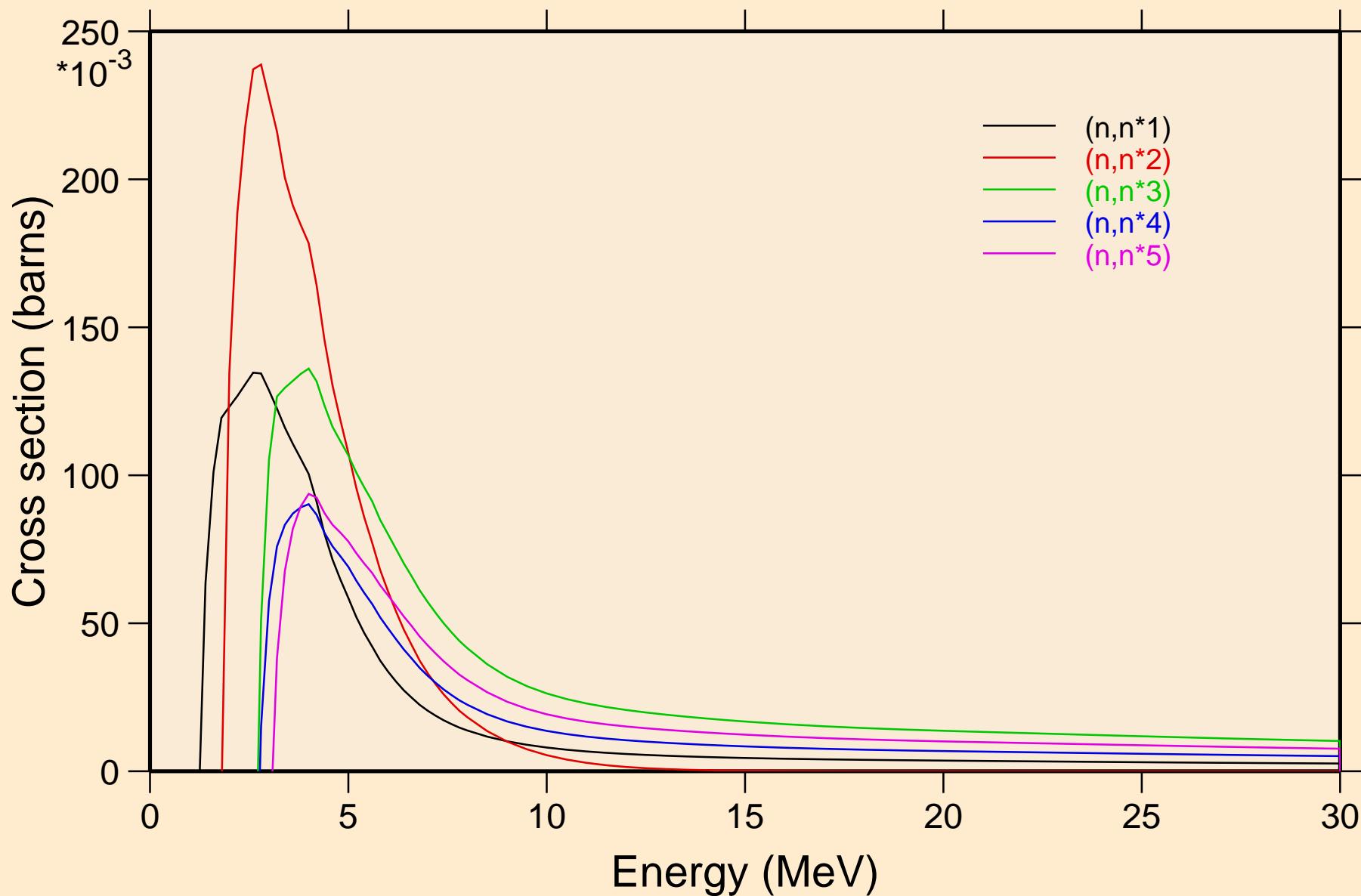
# CL035 NRG TENDL-2015, AKONING

## Non-threshold reactions



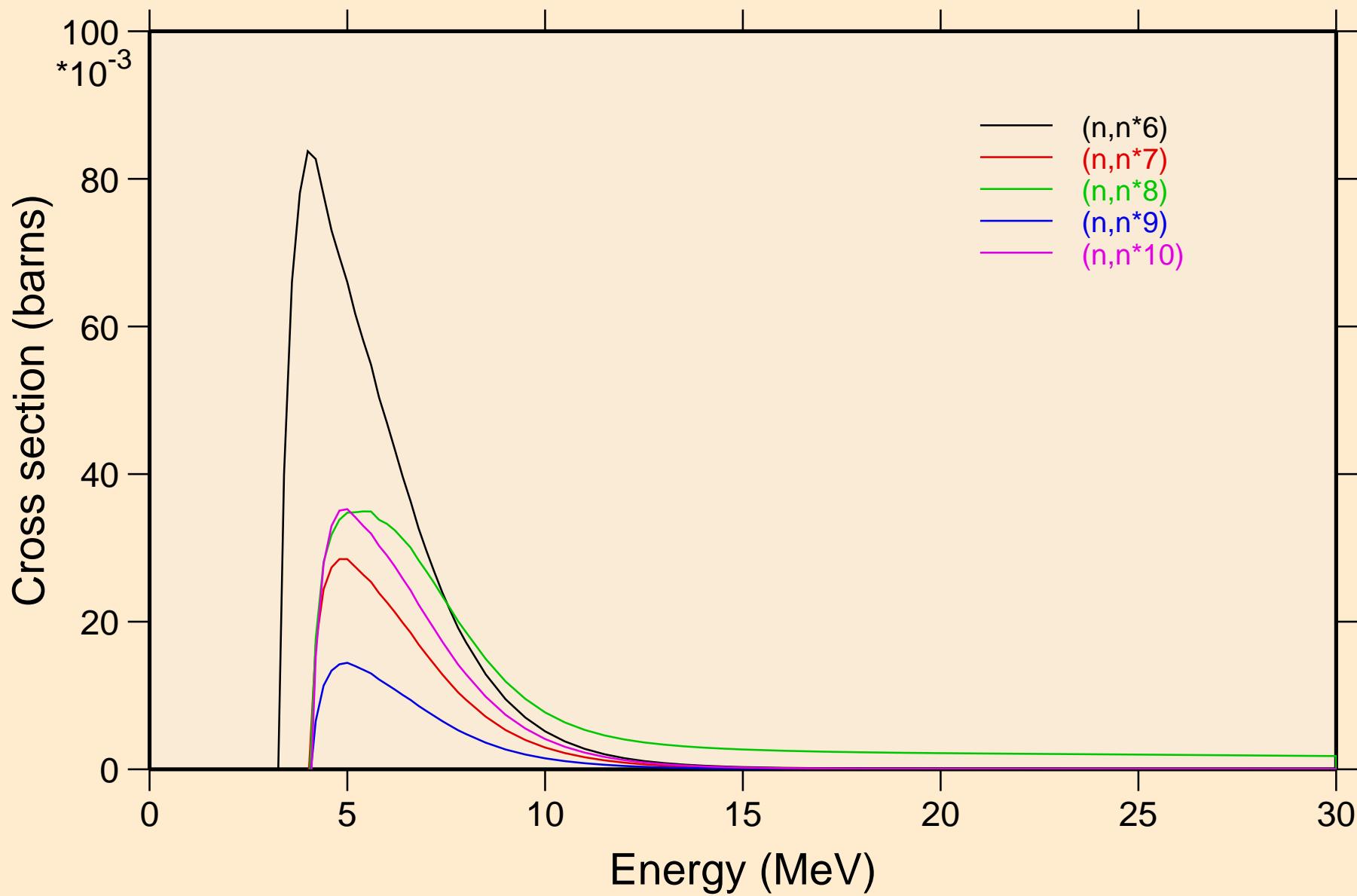
# CL035 NRG TENDL-2015, AKONING

## Inelastic levels



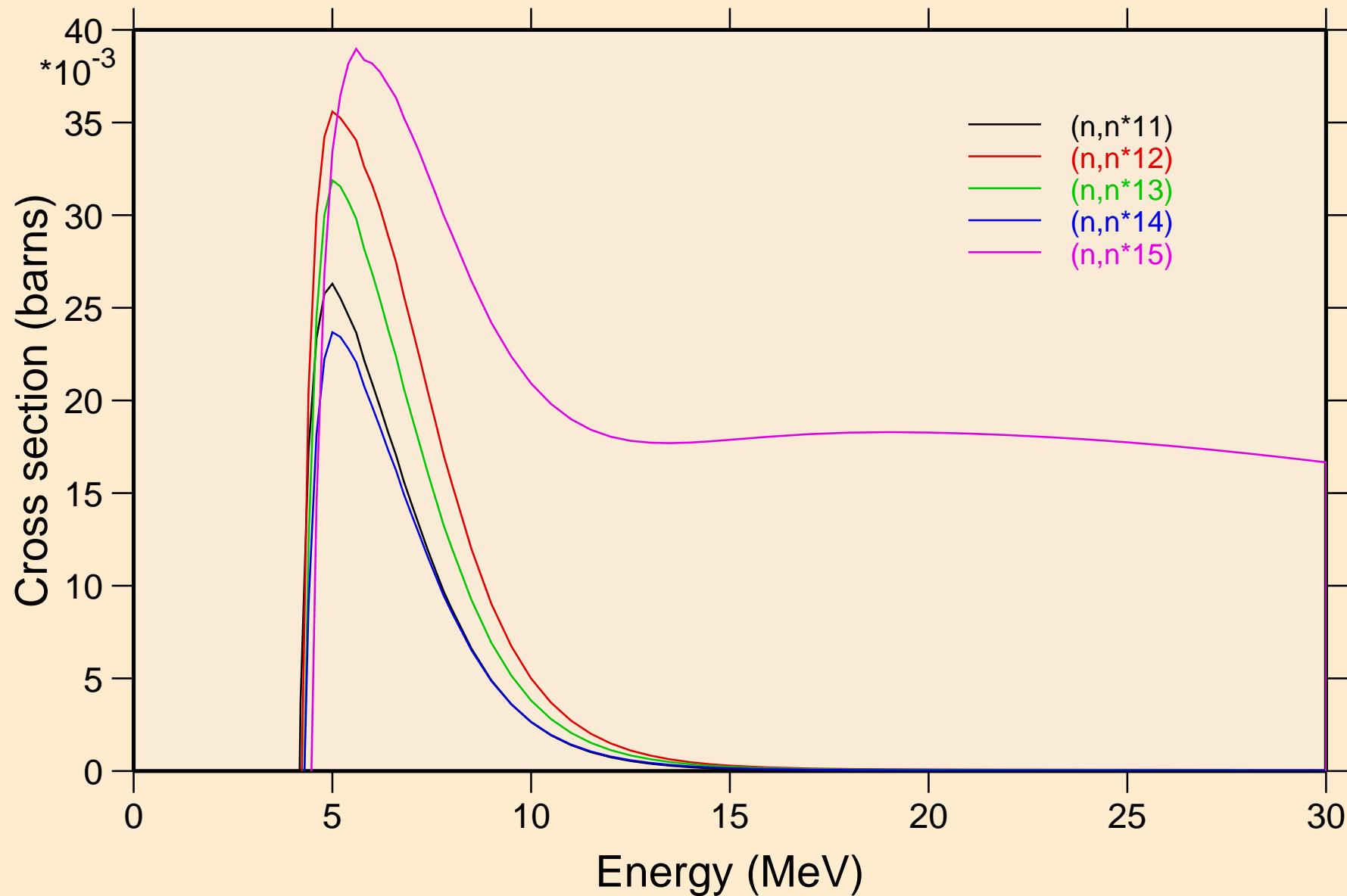
# CL035 NRG TENDL-2015, AKONING

## Inelastic levels



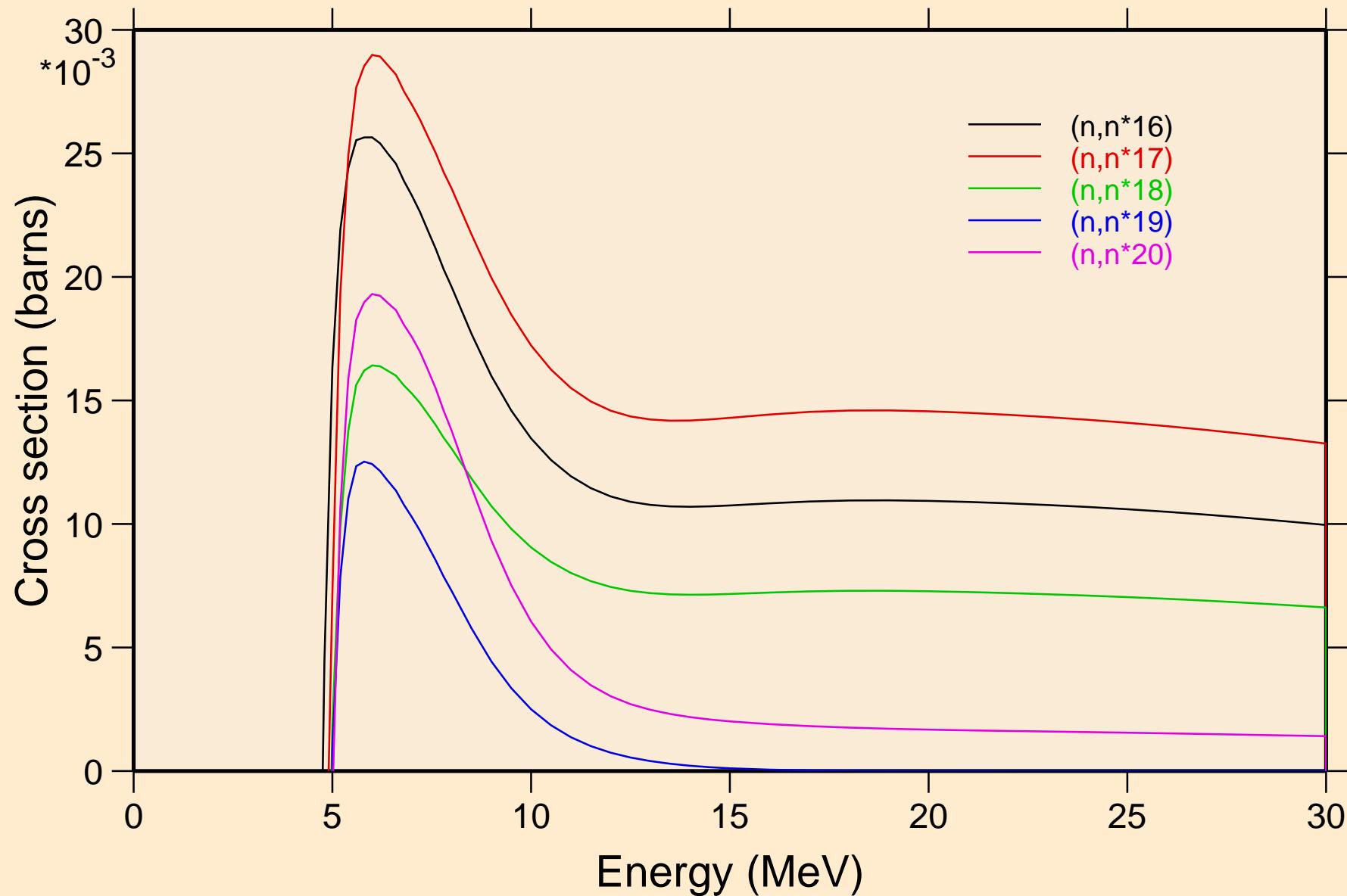
# CL035 NRG TENDL-2015, AKONING

## Inelastic levels



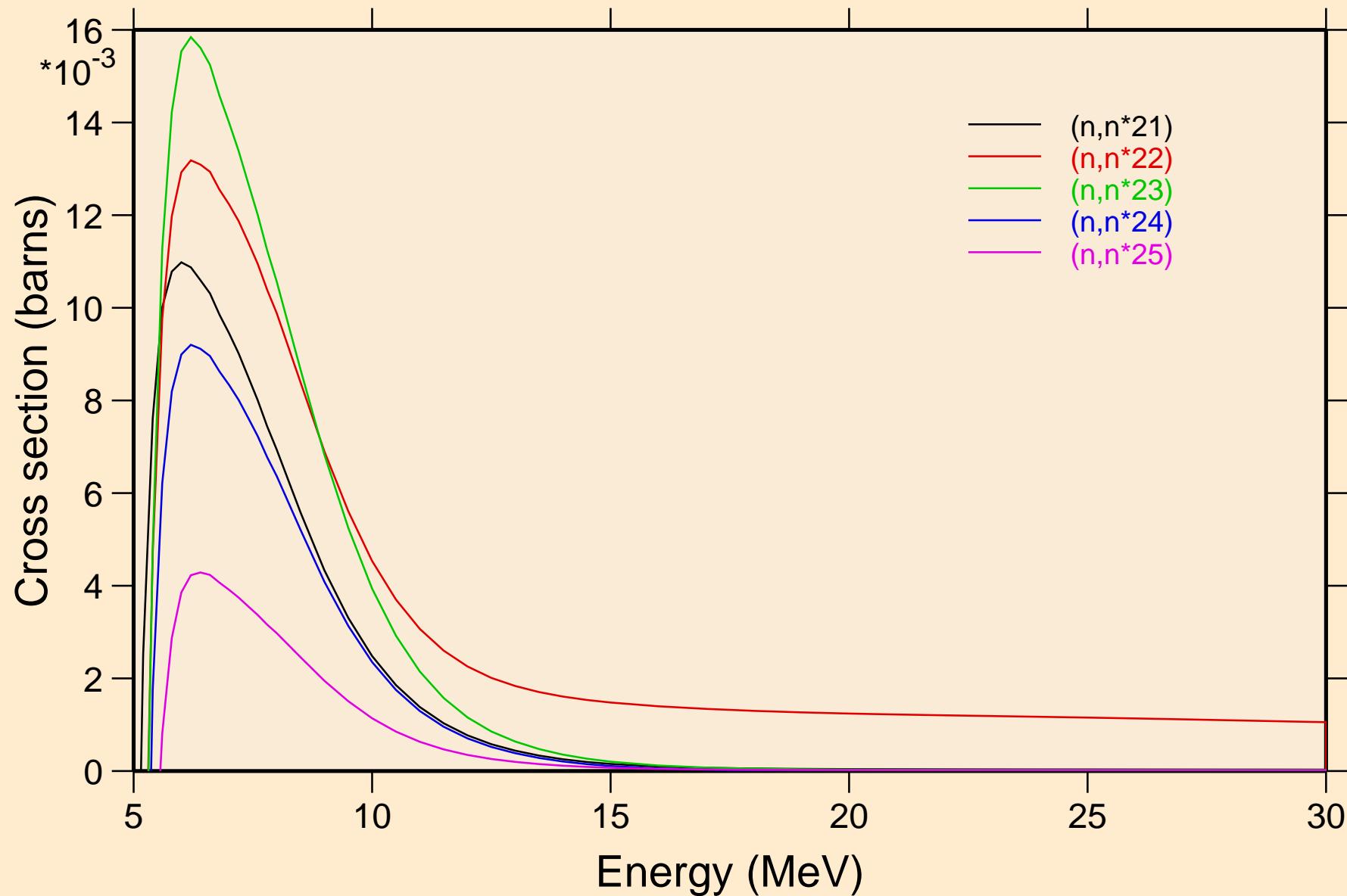
# CL035 NRG TENDL-2015, AKONING

## Inelastic levels

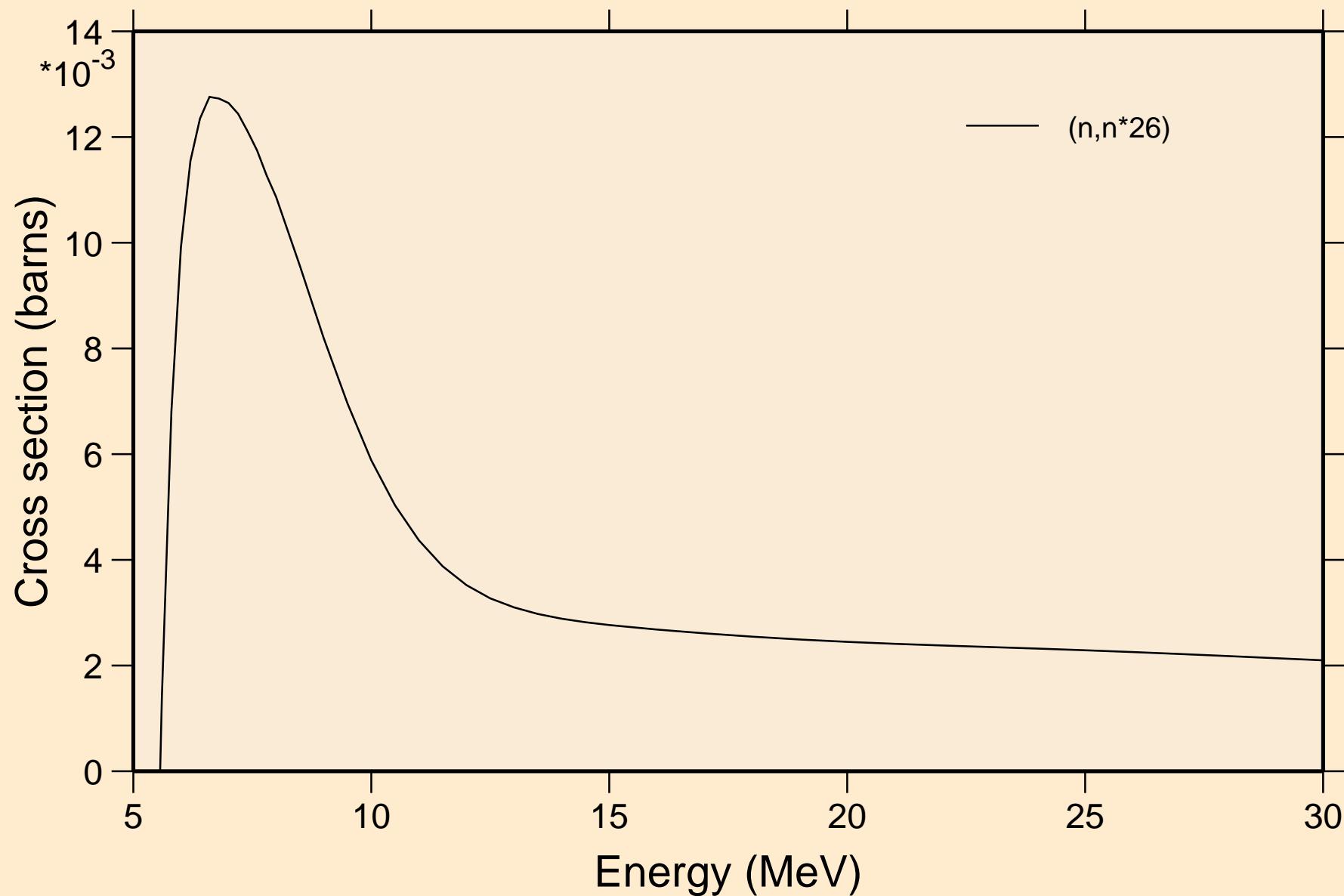


# CL035 NRG TENDL-2015, AKONING

## Inelastic levels

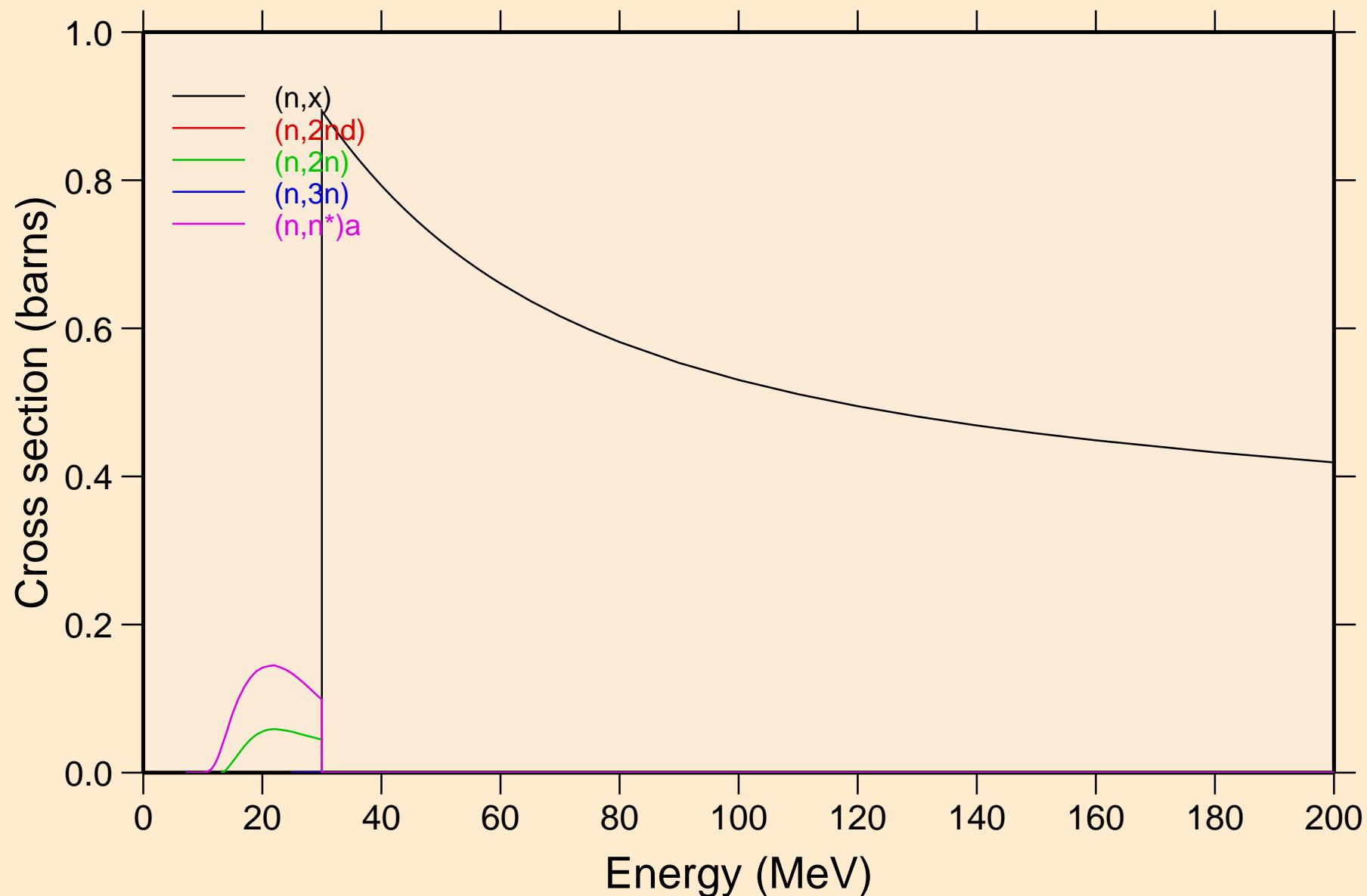


CL035 NRG TENDL-2015, AKONING  
Inelastic levels



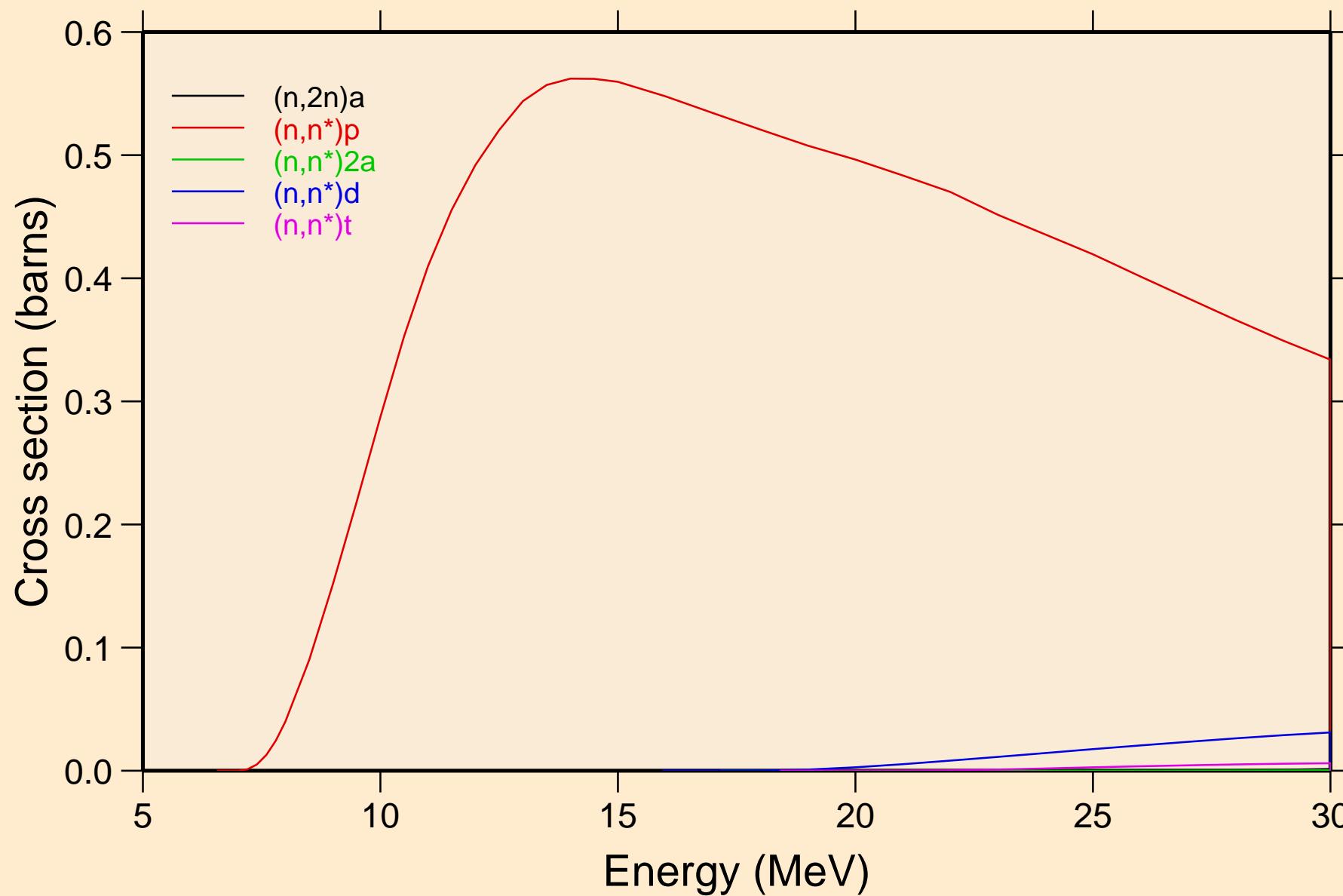
# CL035 NRG TENDL-2015, AKONING

## Threshold reactions



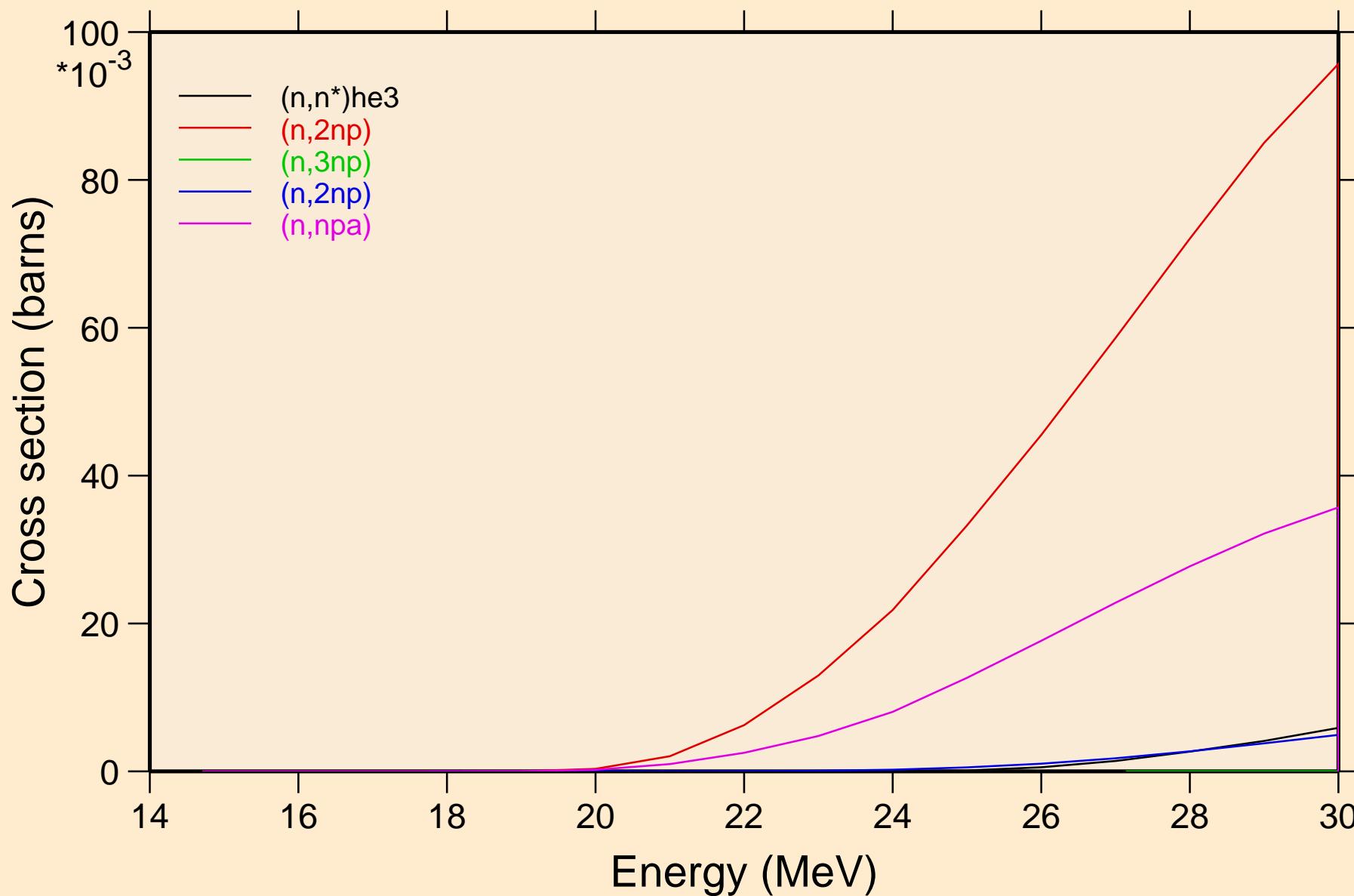
# CL035 NRG TENDL-2015, AKONING

## Threshold reactions



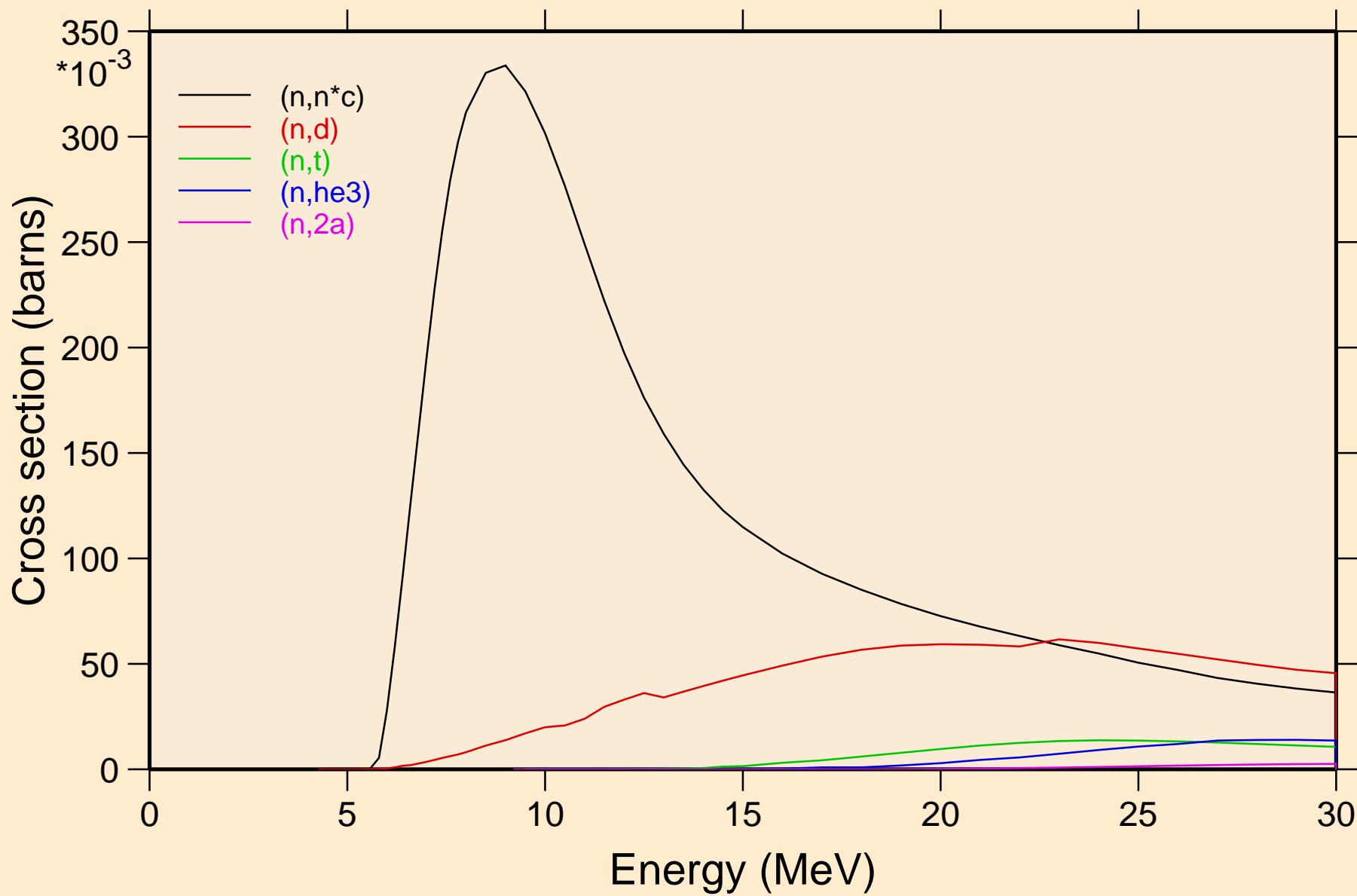
# CL035 NRG TENDL-2015, AKONING

## Threshold reactions



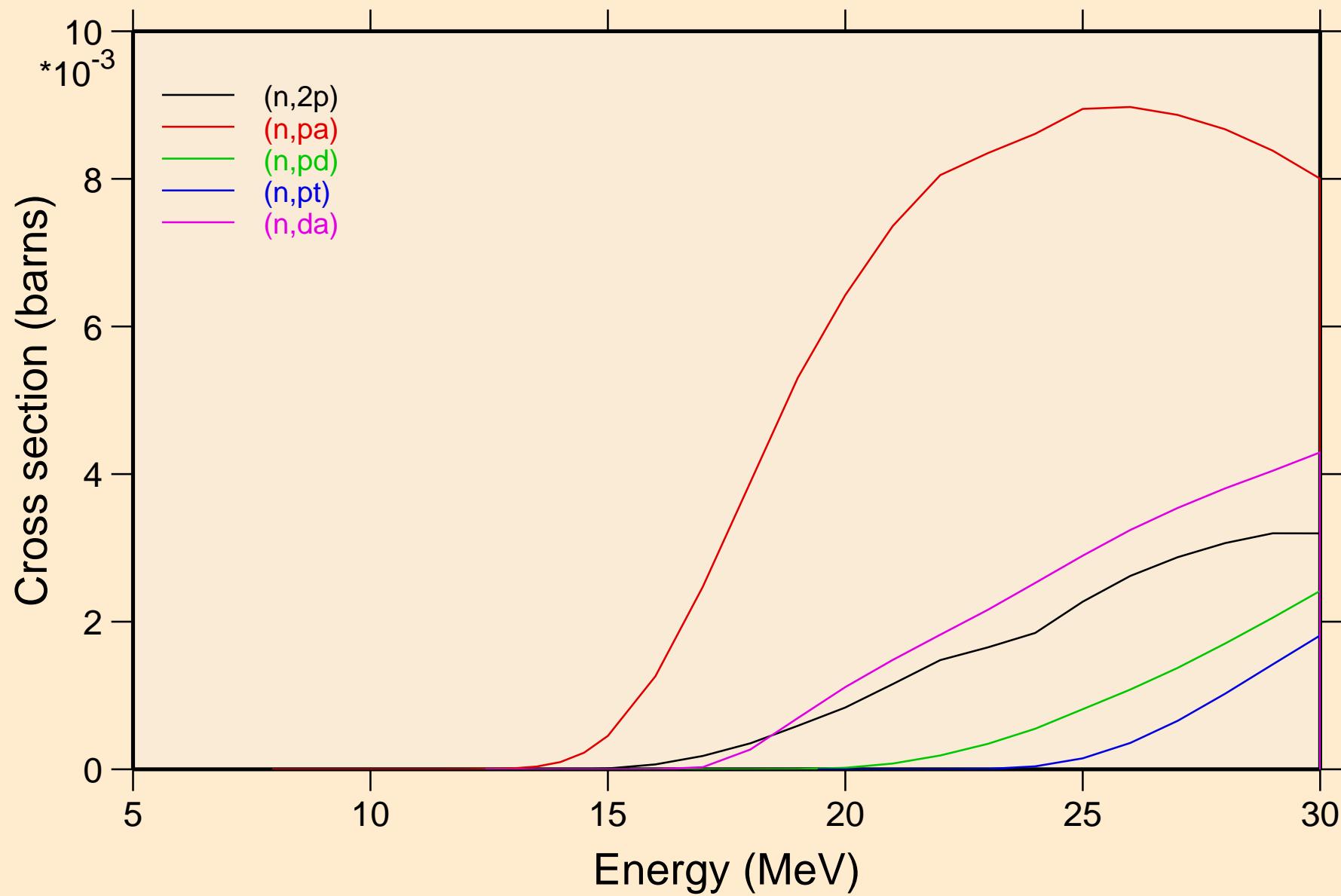
# CL035 NRG TENDL-2015, AKONING

## Threshold reactions

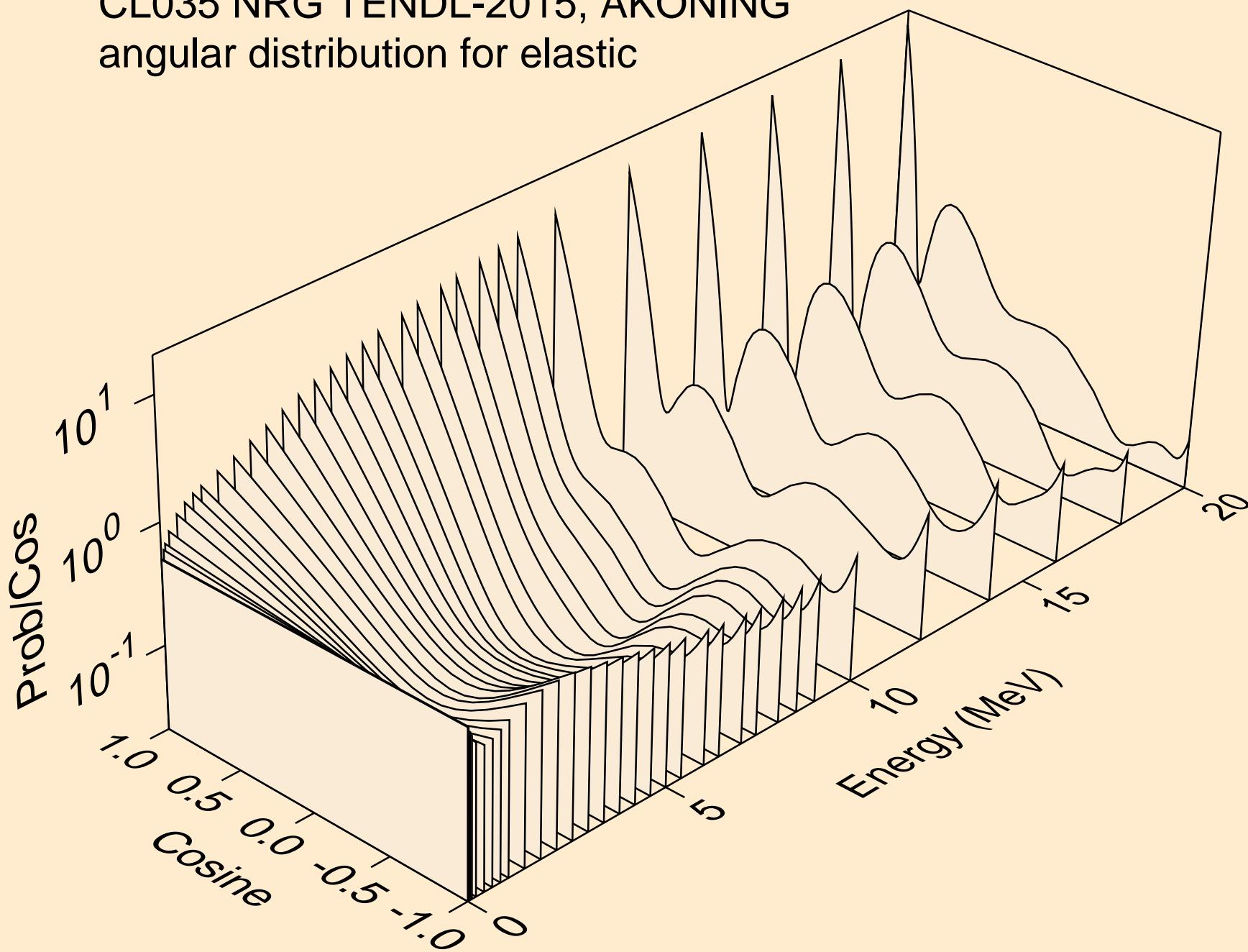


# CL035 NRG TENDL-2015, AKONING

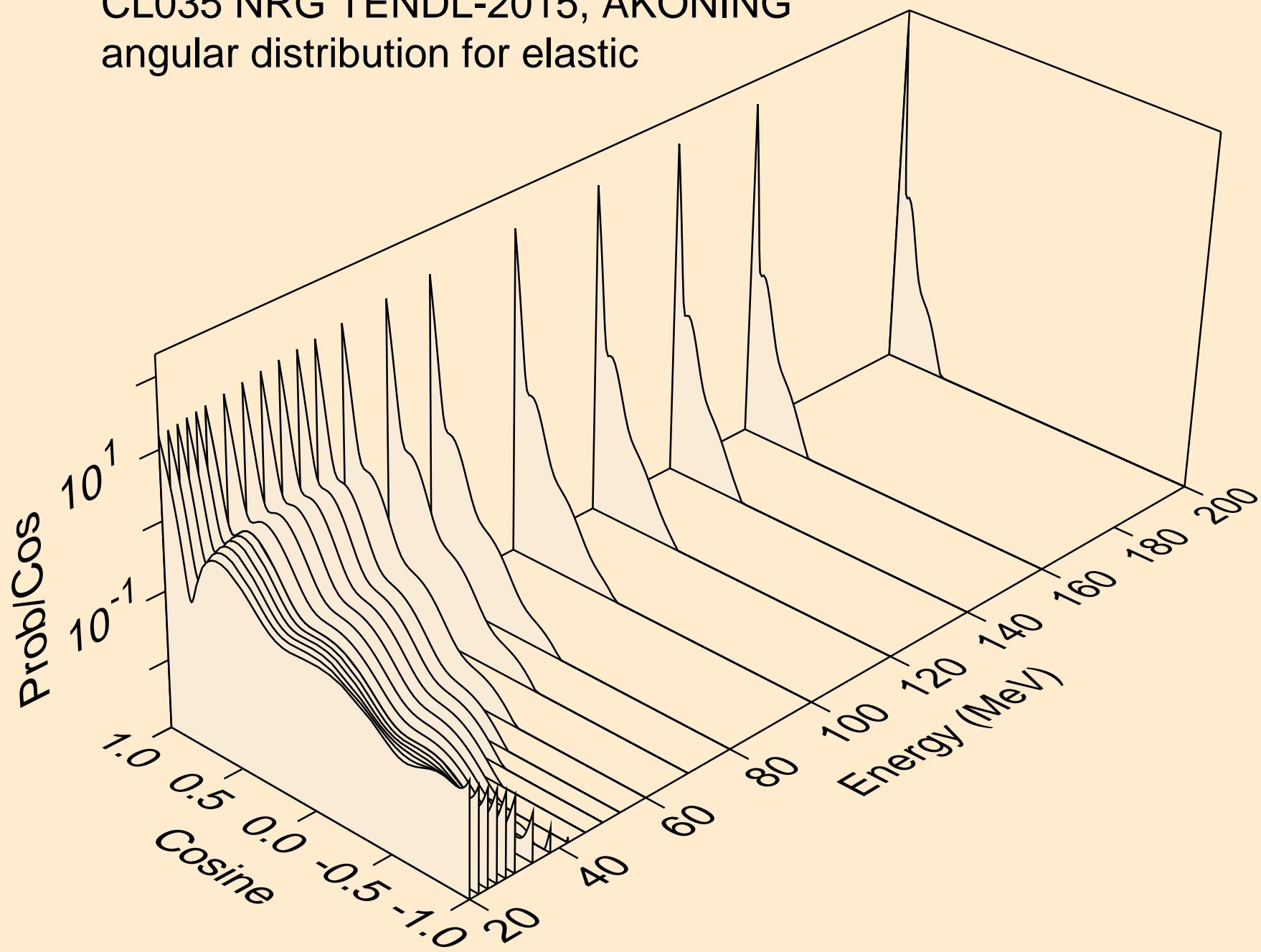
## Threshold reactions



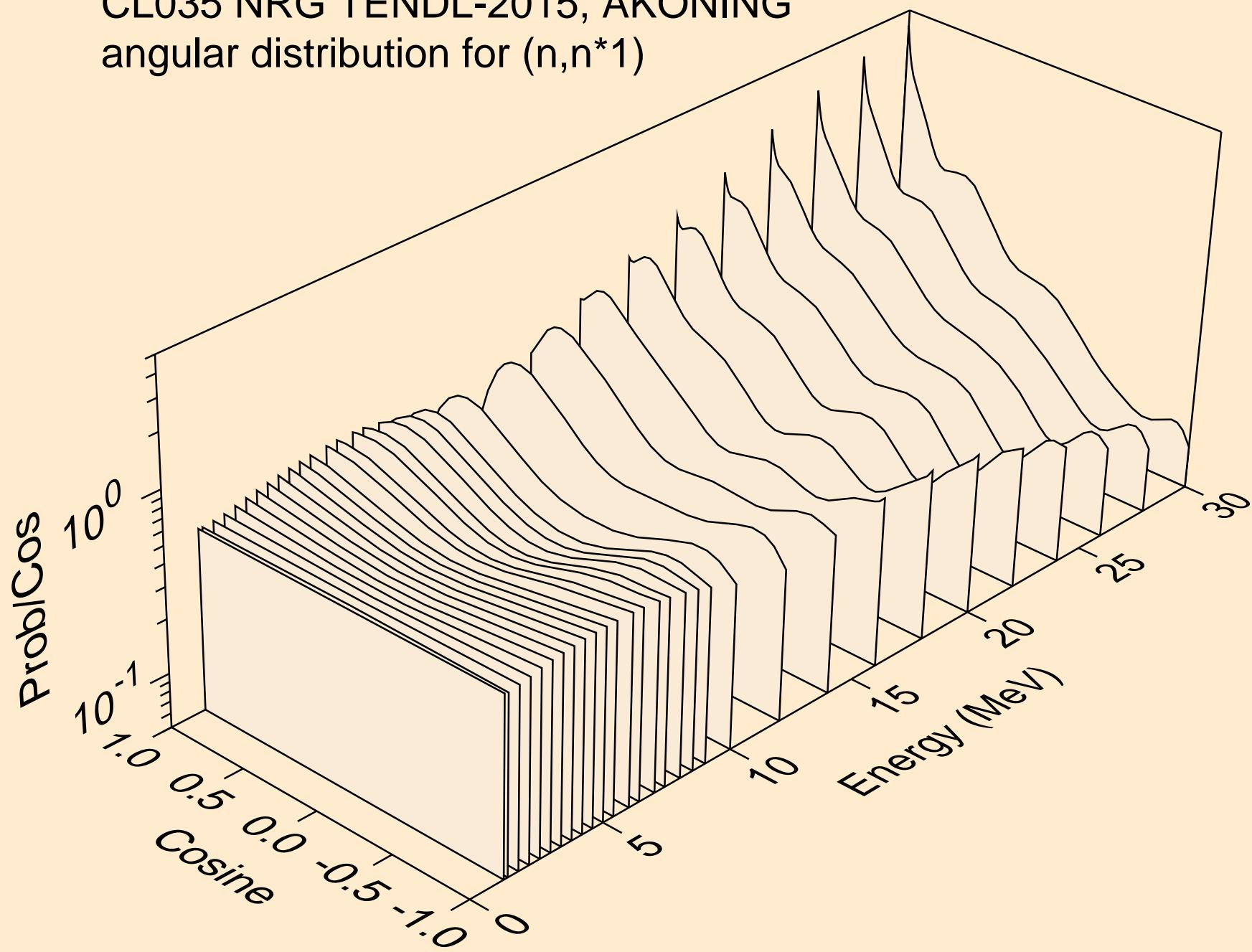
CL035 NRG TENDL-2015, AKONING  
angular distribution for elastic



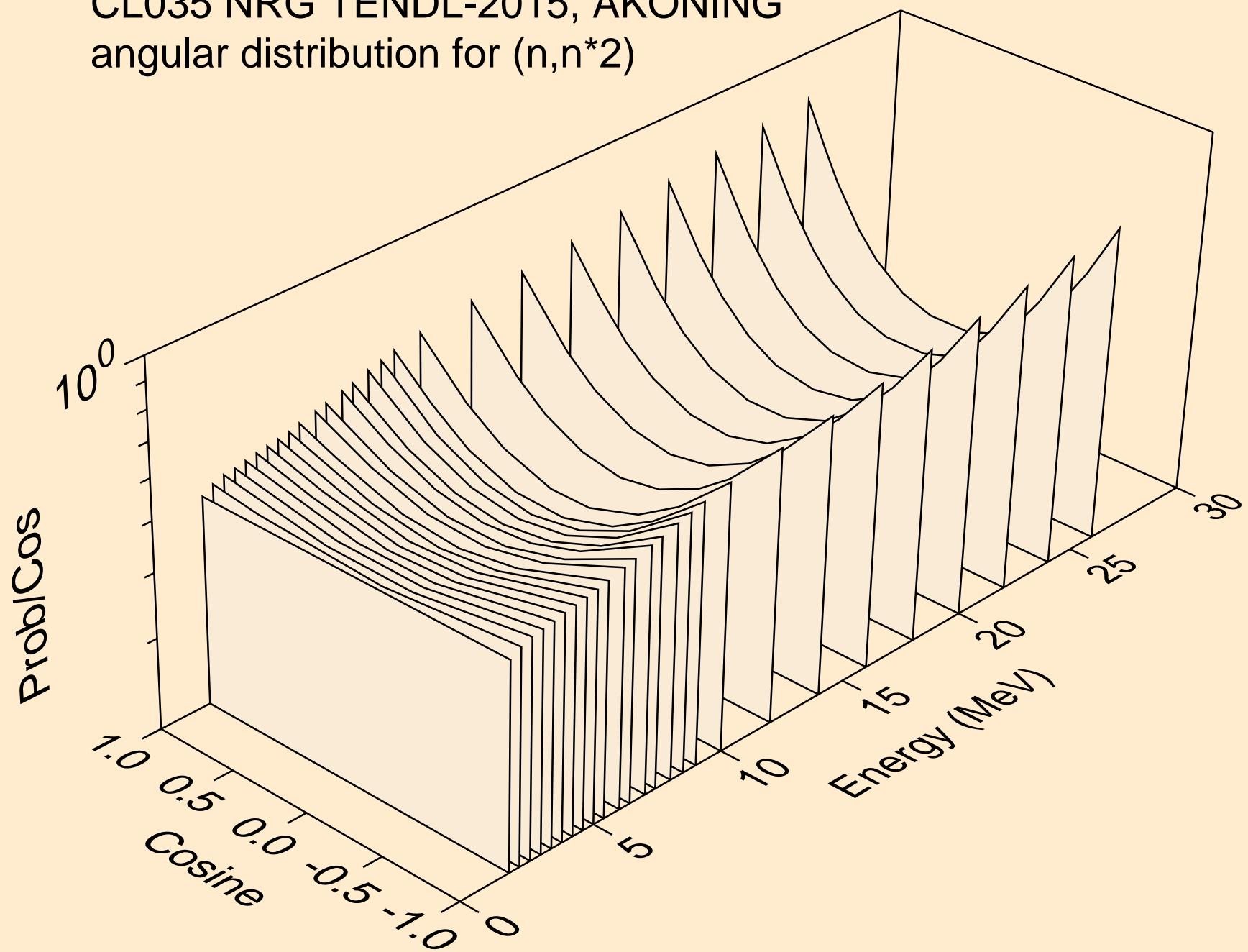
CL035 NRG TENDL-2015, AKONING  
angular distribution for elastic



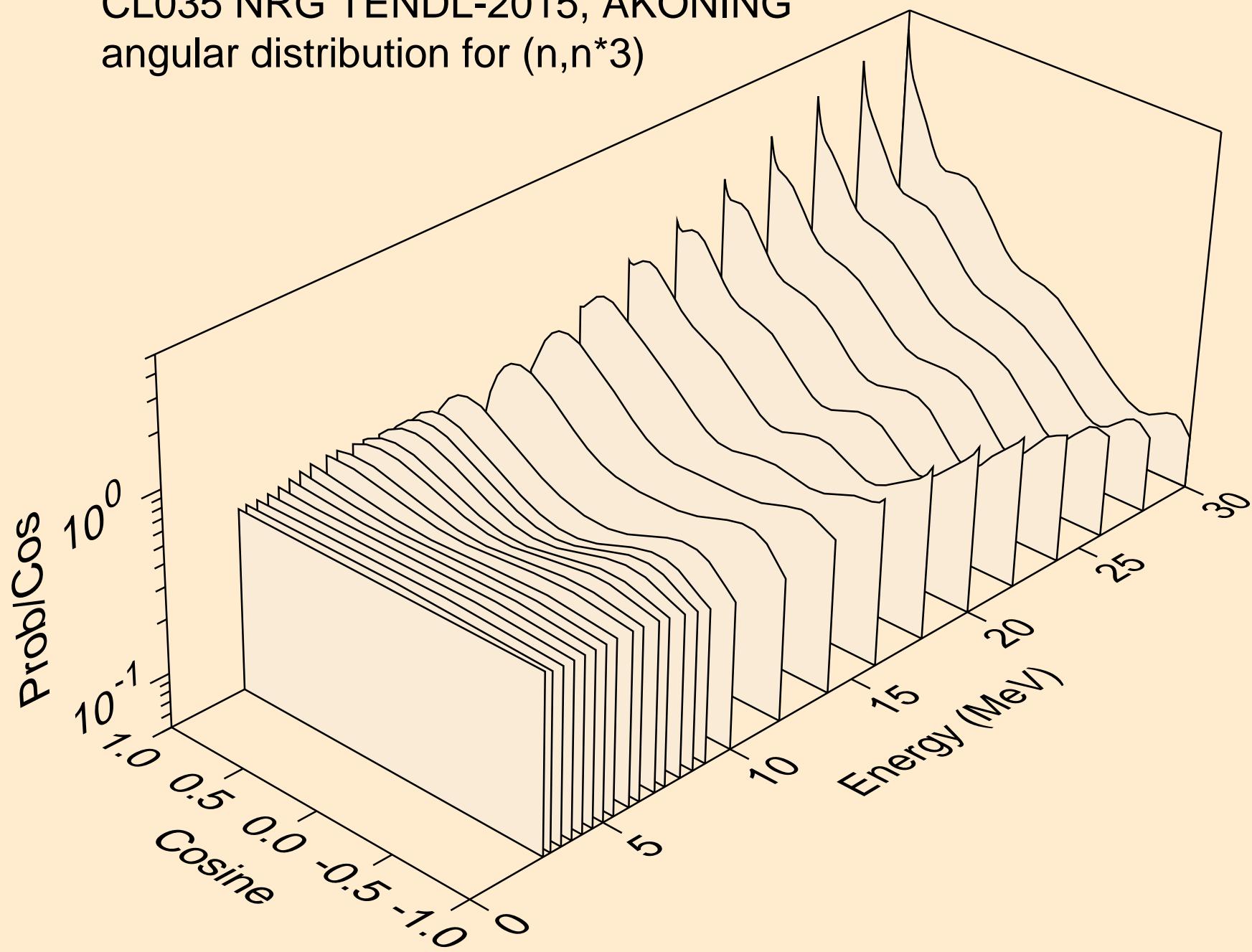
CL035 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



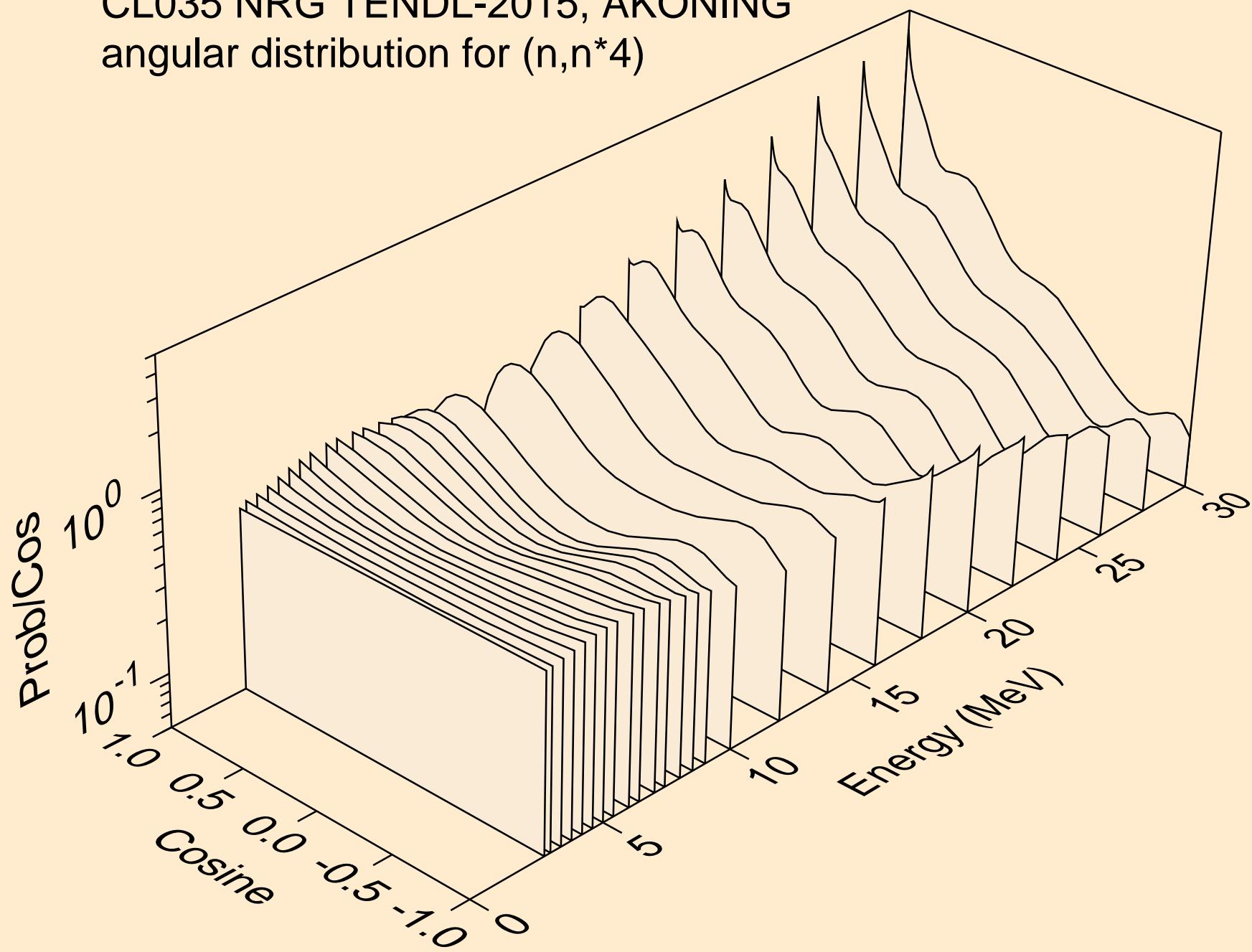
CL035 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*2)$



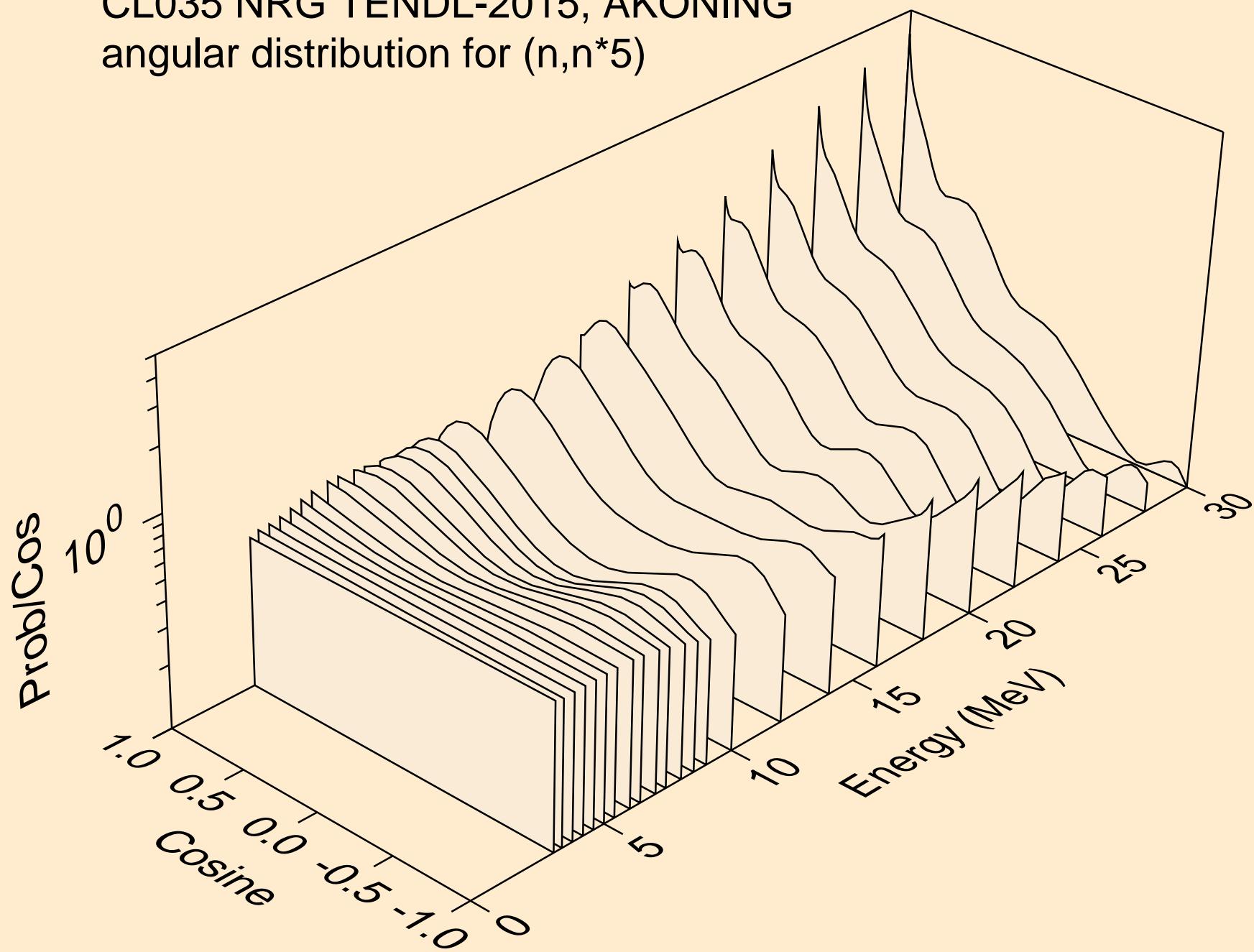
CL035 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*3)$



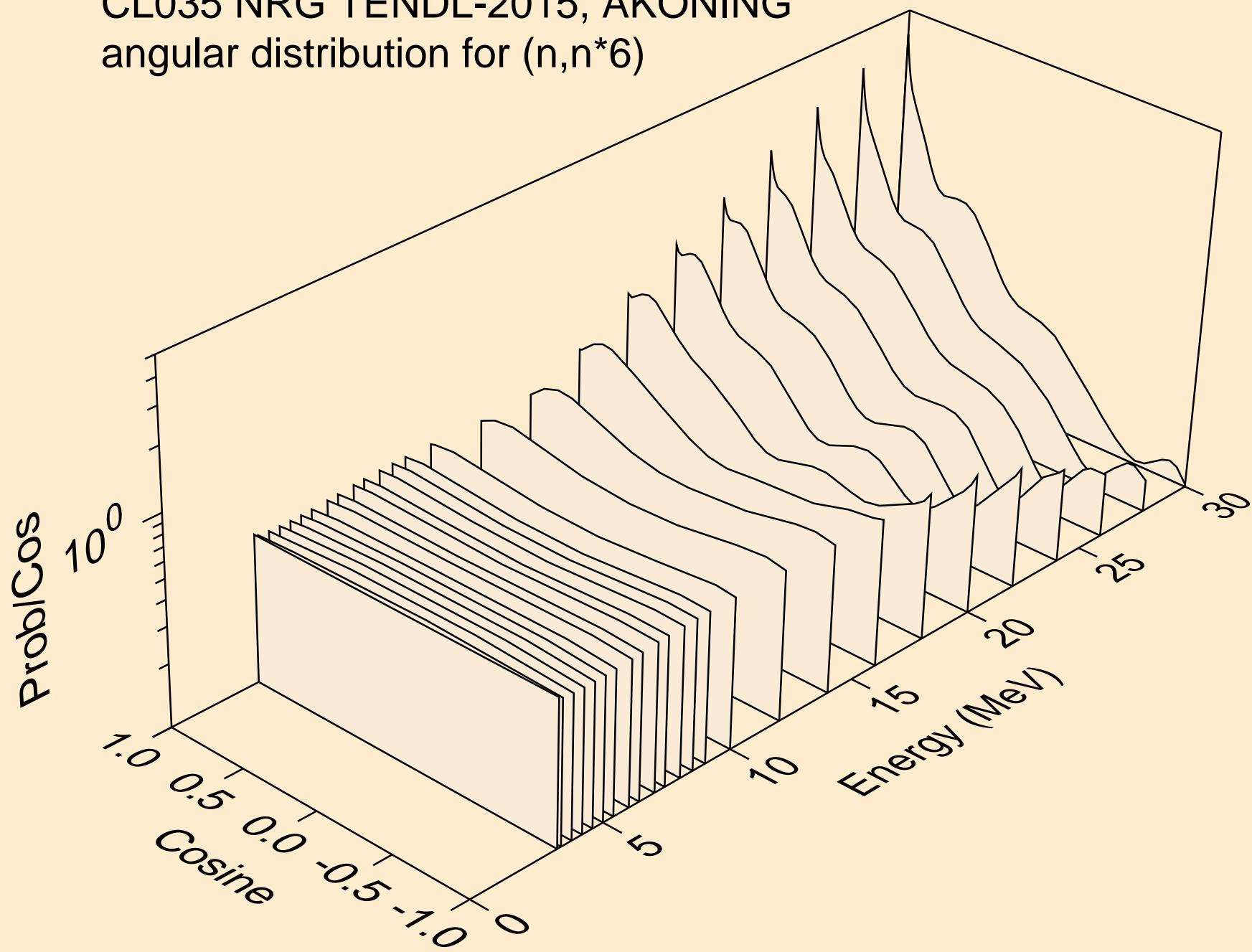
CL035 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*4)$



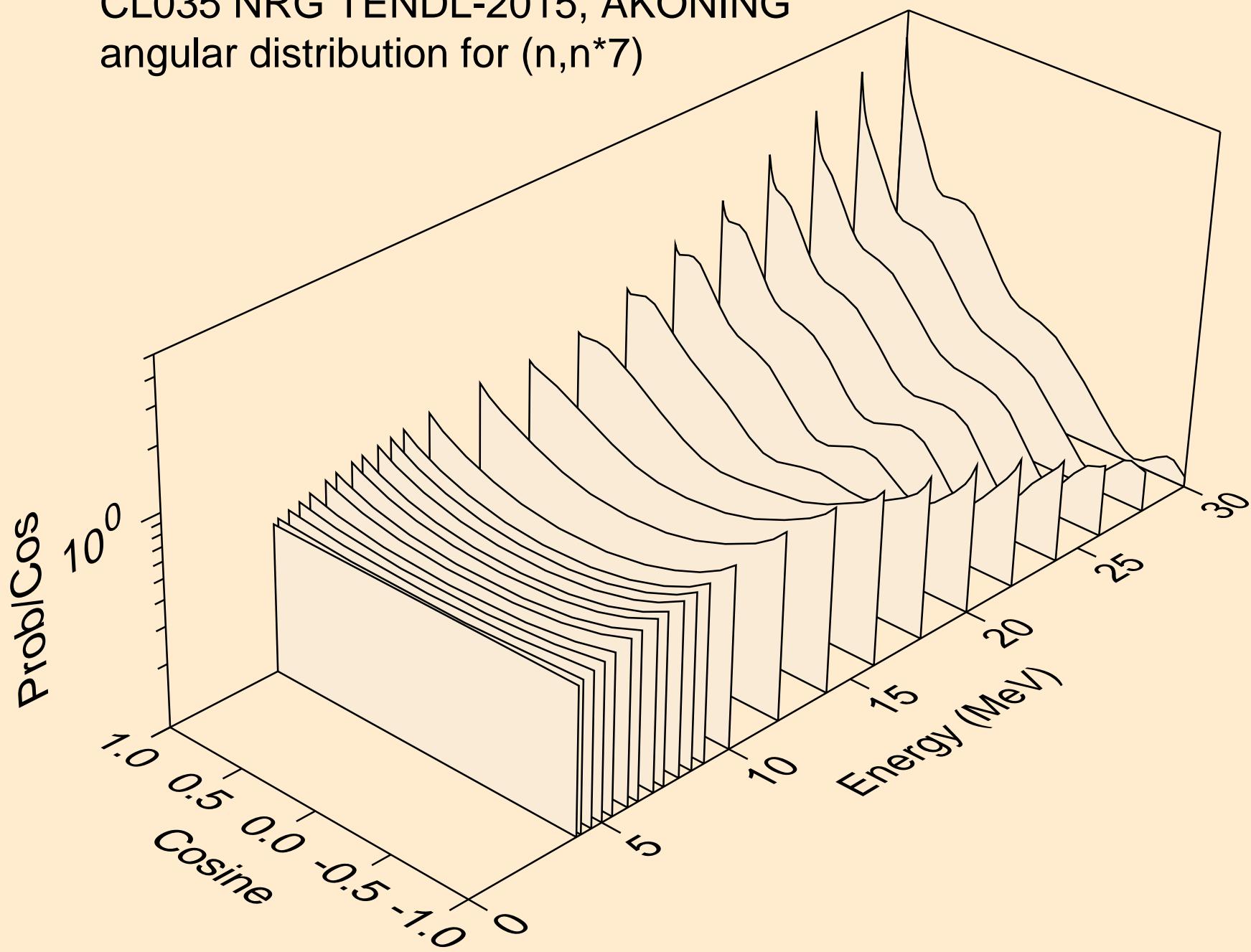
CL035 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^5$



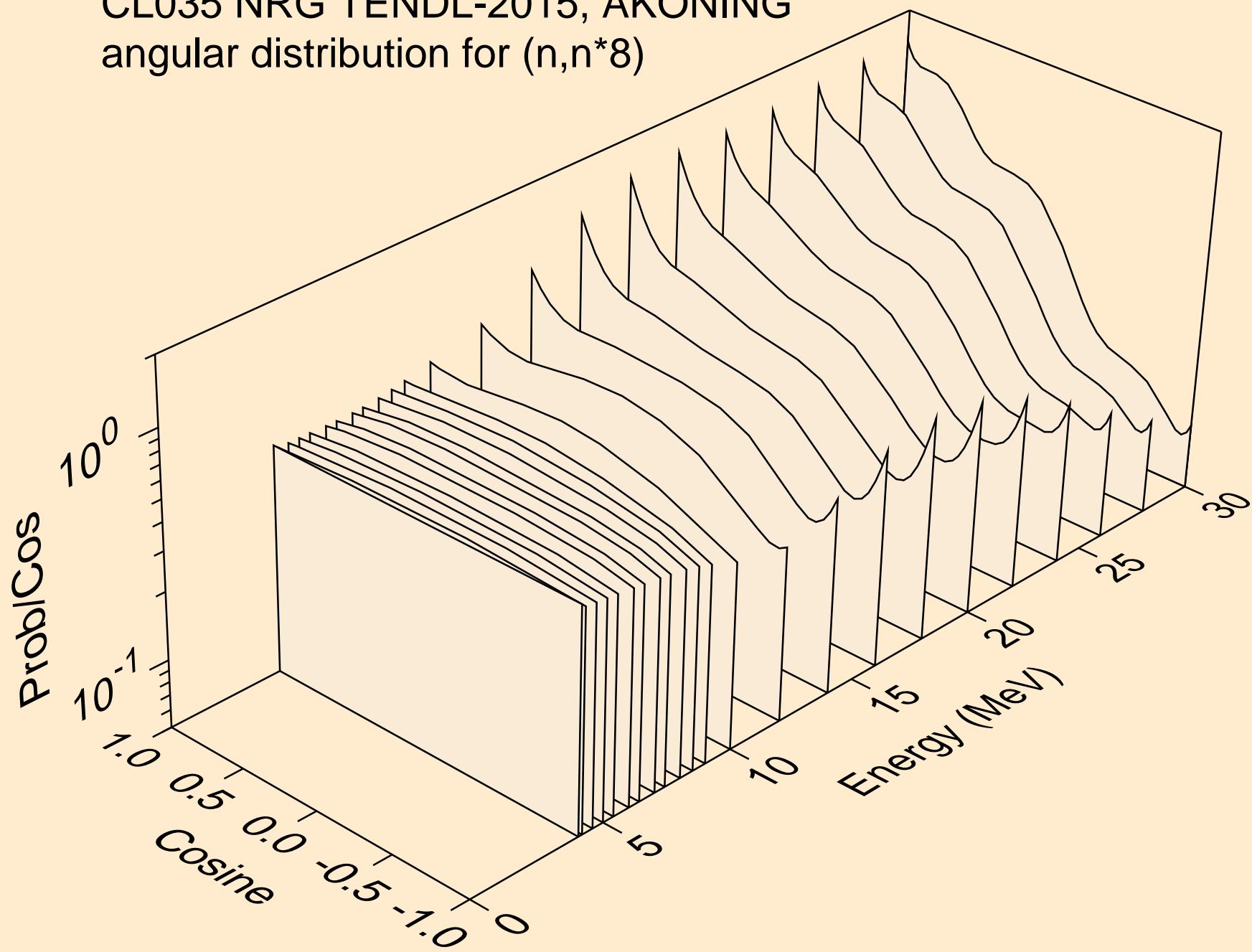
CL035 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



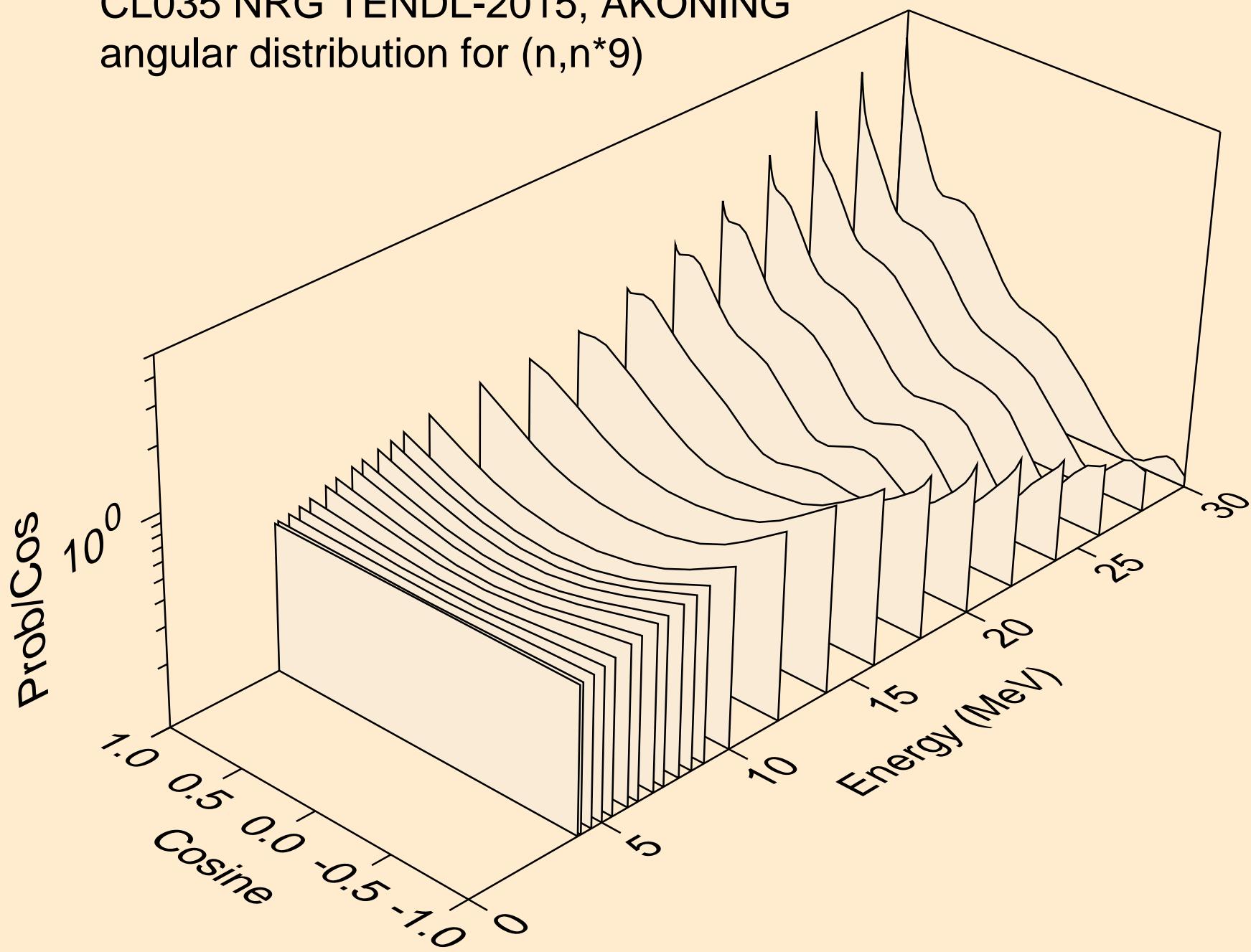
CL035 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



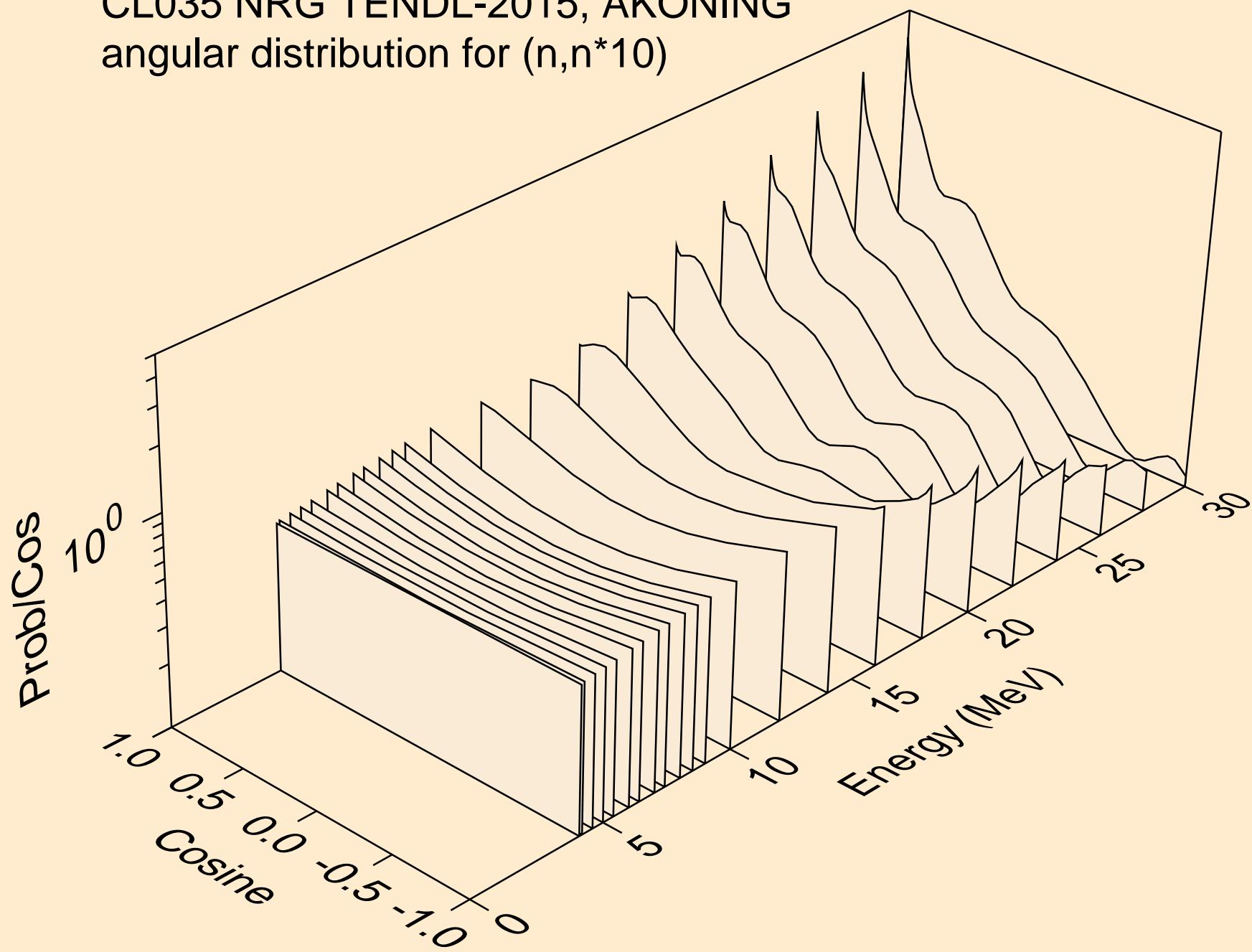
CL035 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^8$



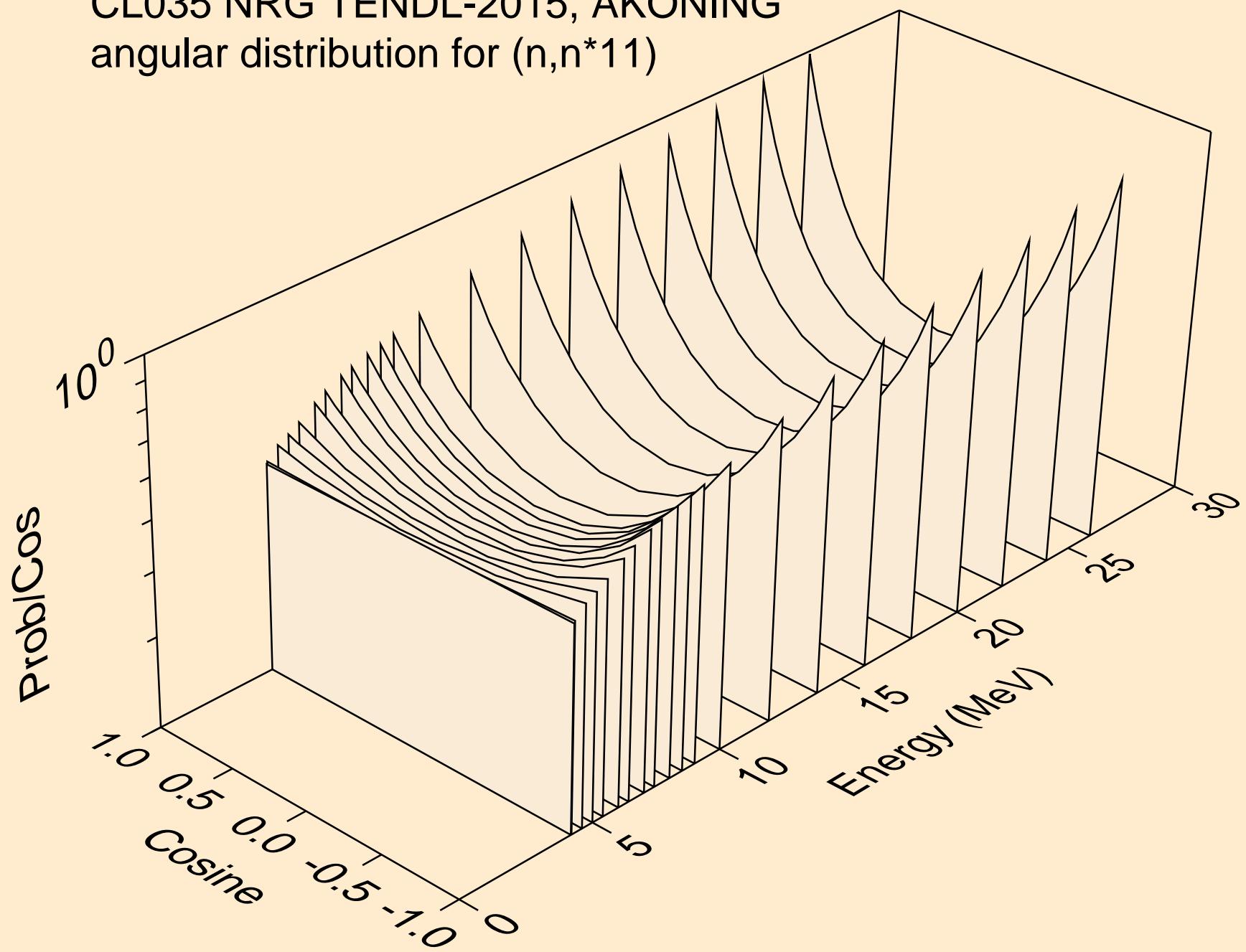
CL035 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



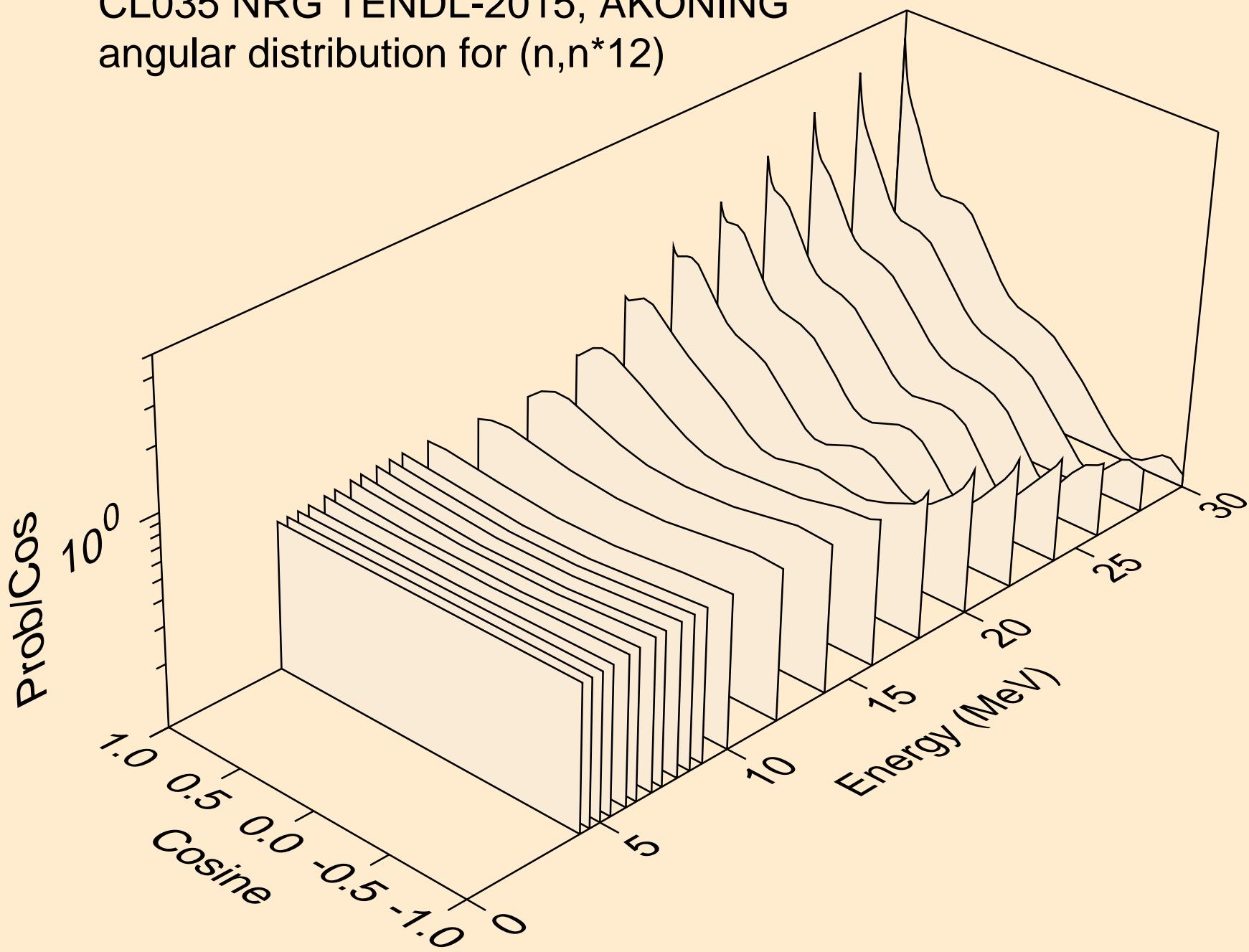
CL035 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



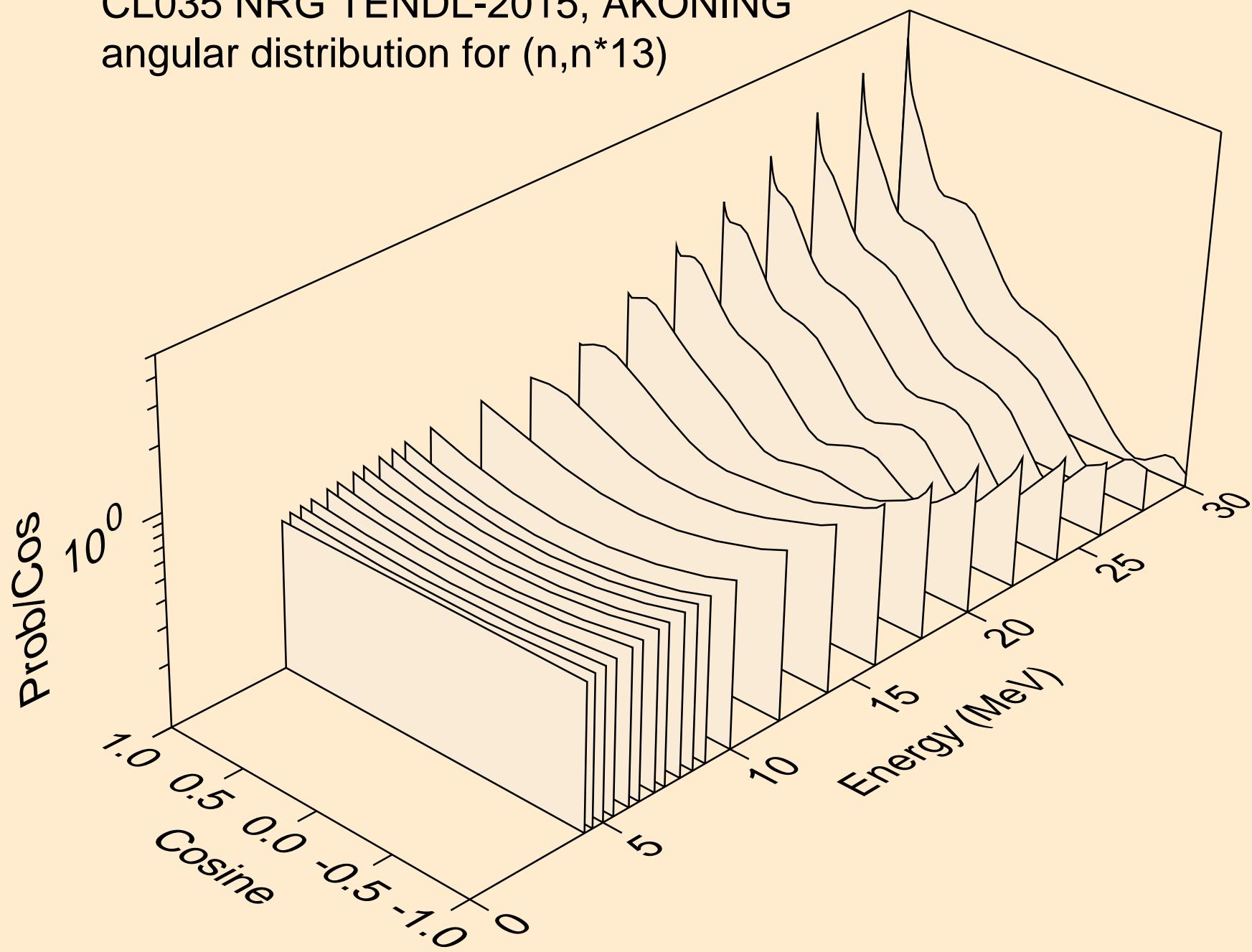
CL035 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



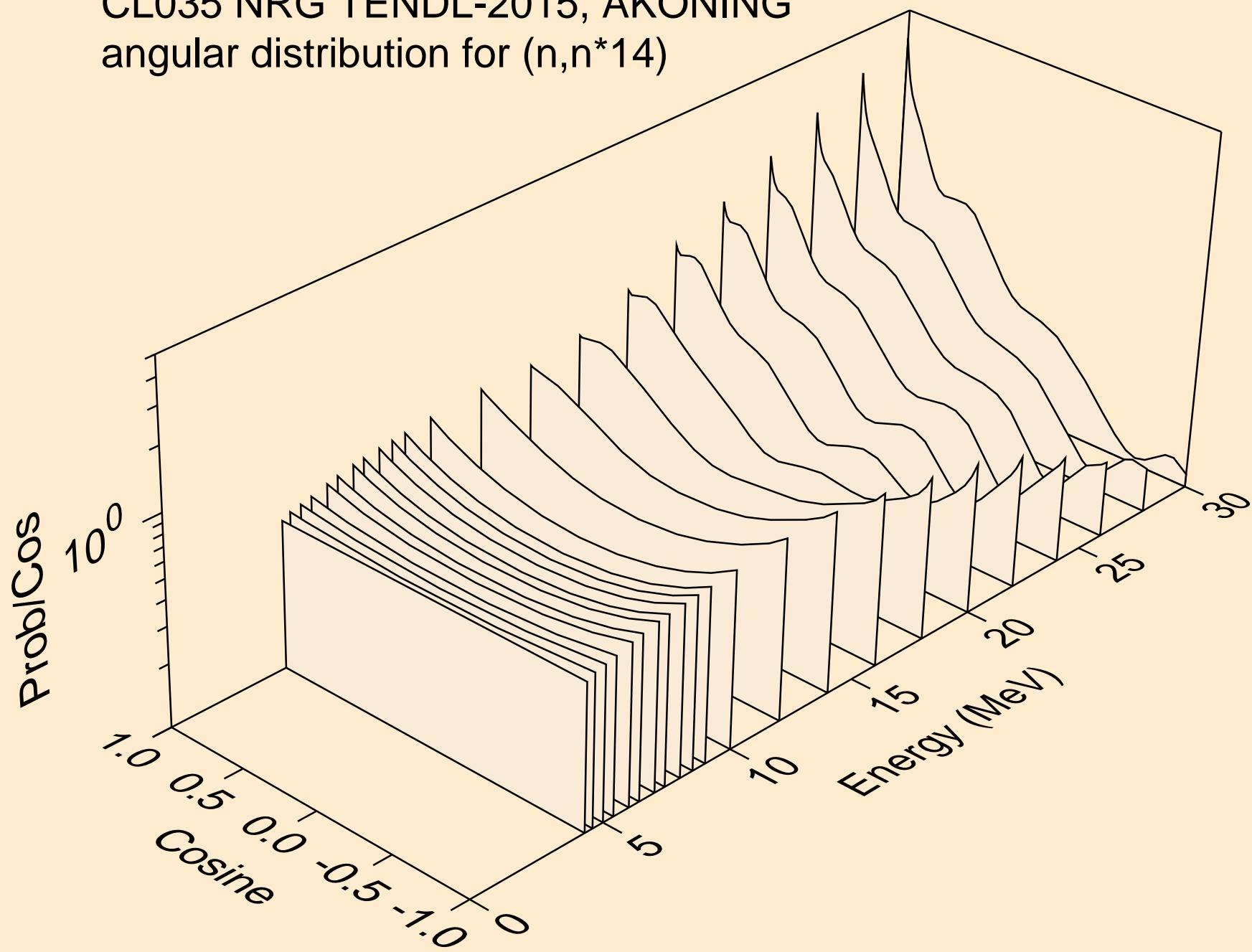
CL035 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



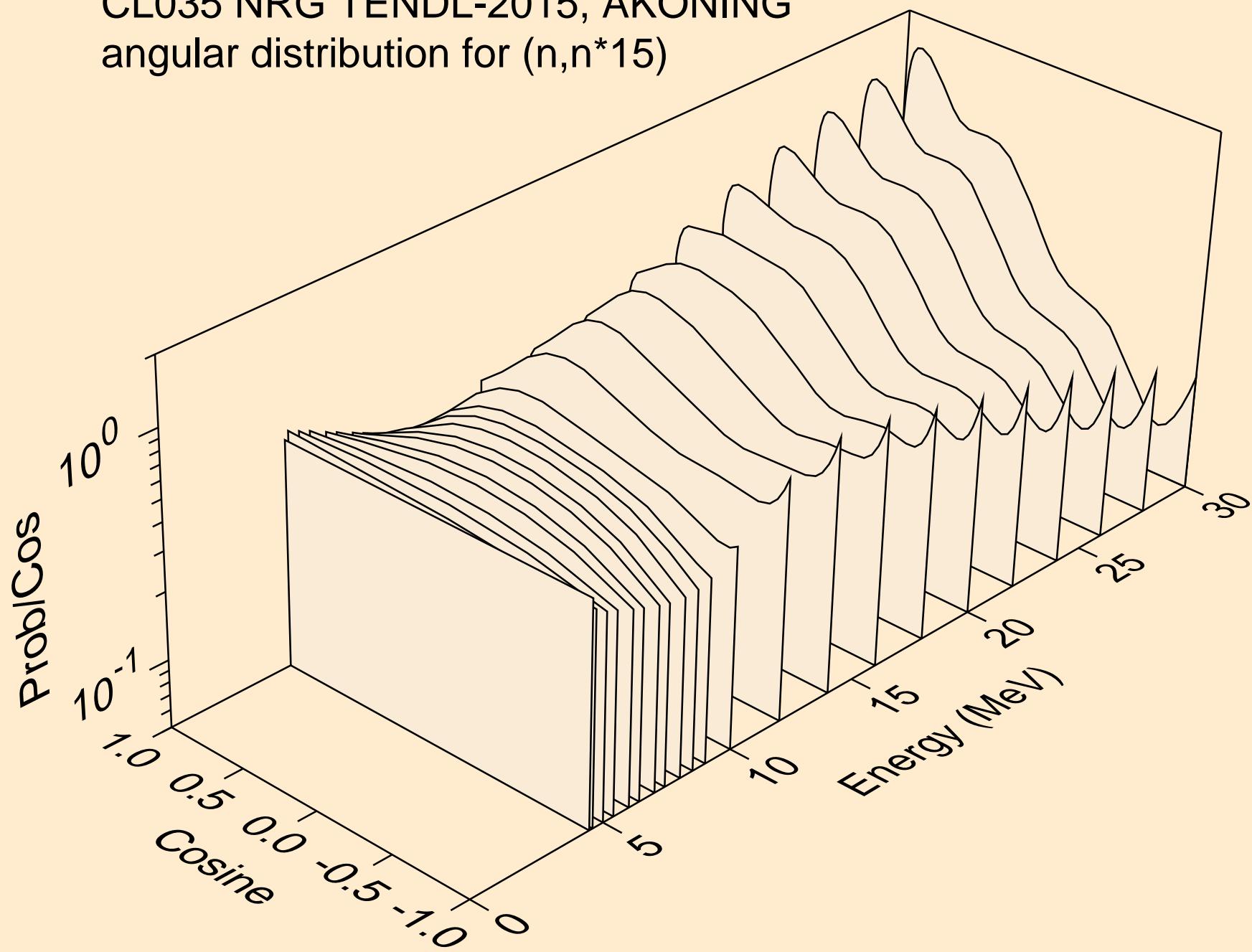
CL035 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



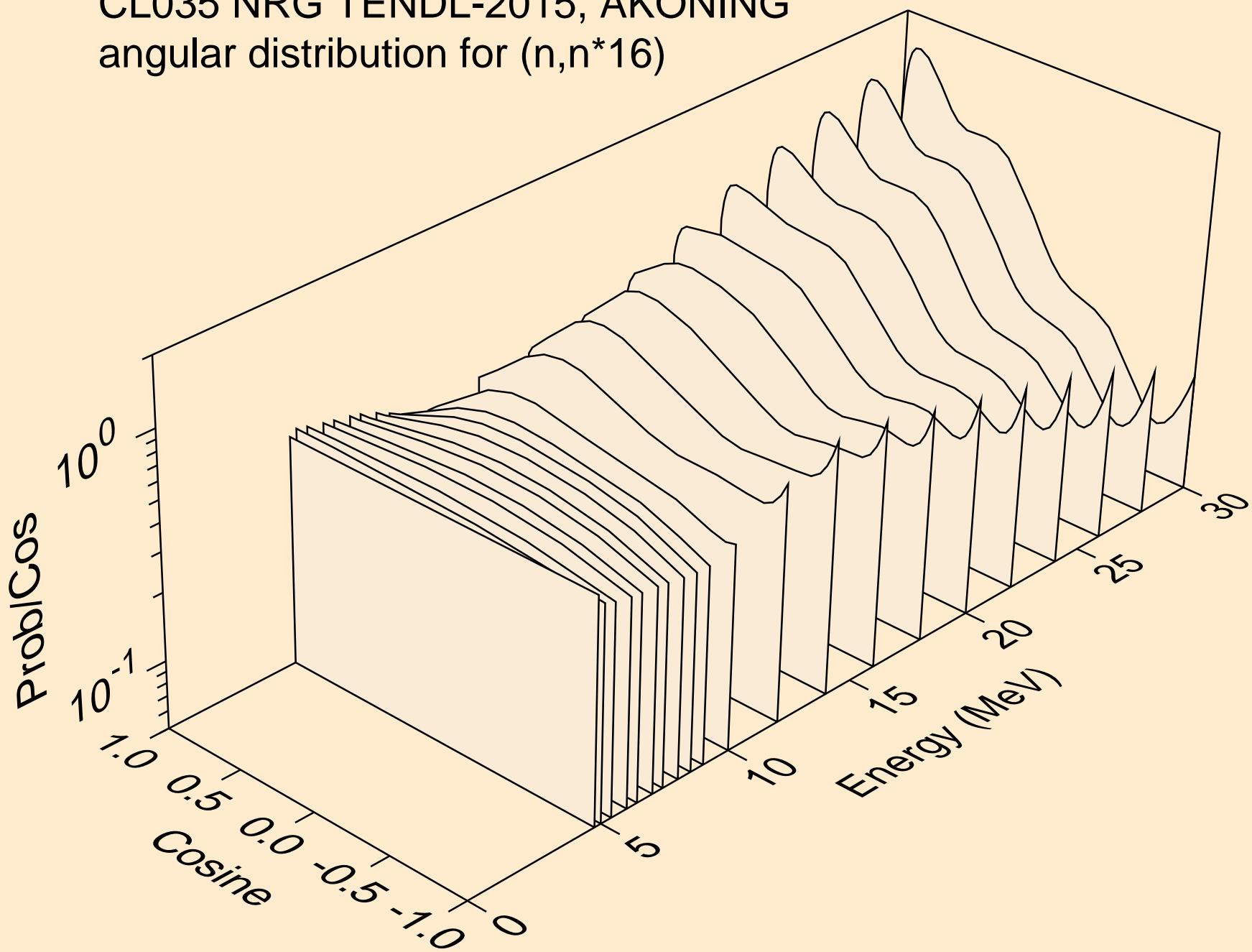
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angular distribution for (n,n\*14)



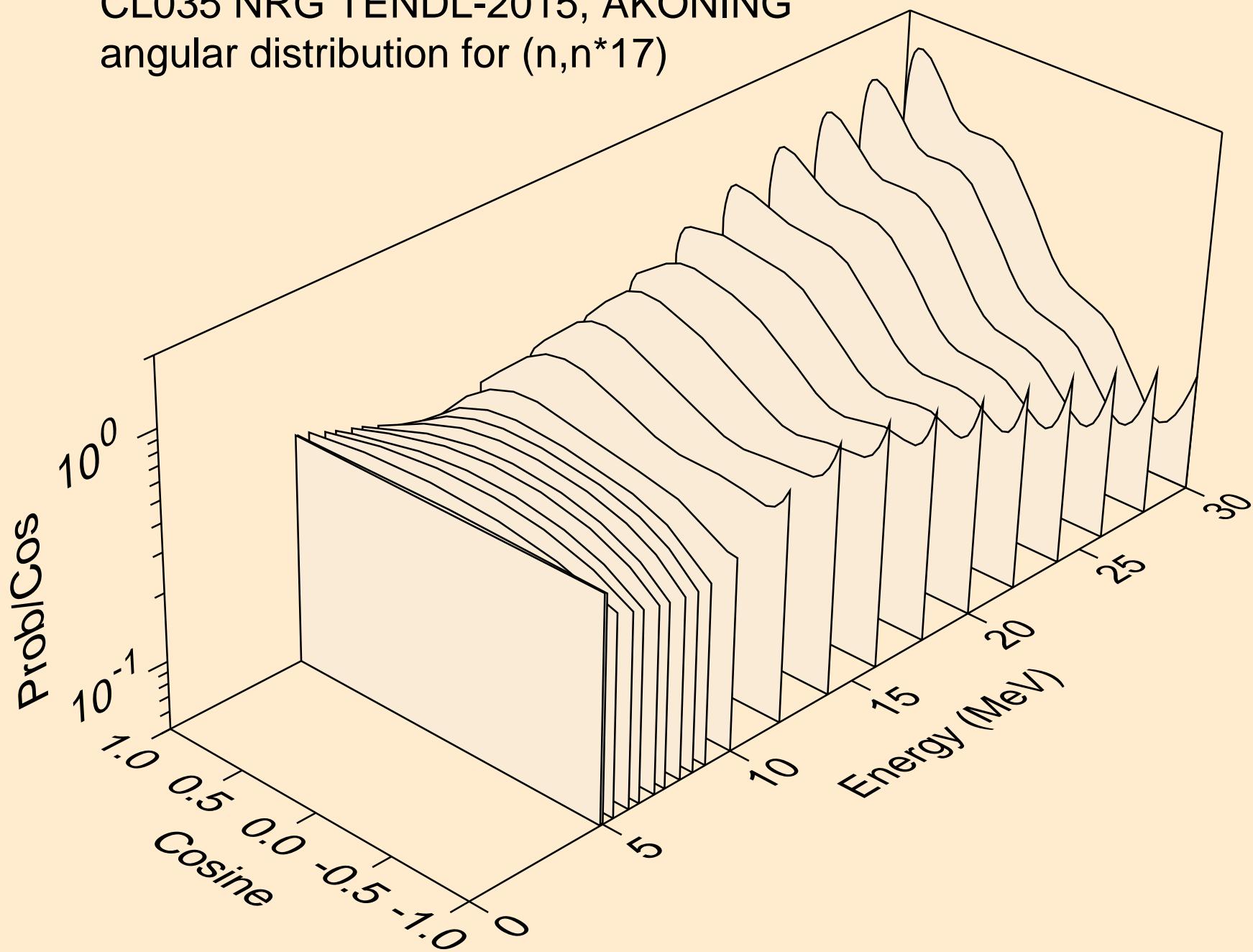
CL035 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



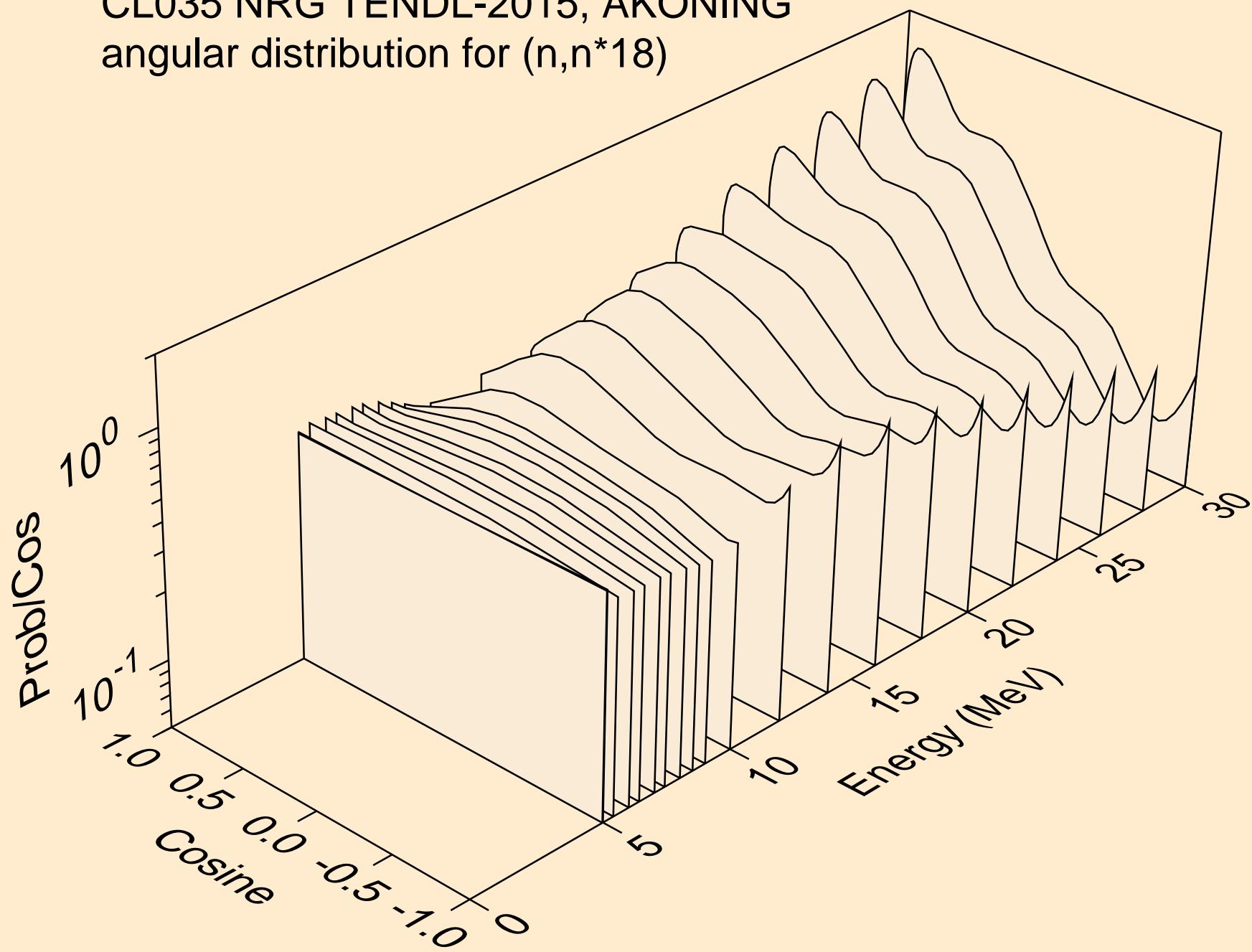
CL035 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



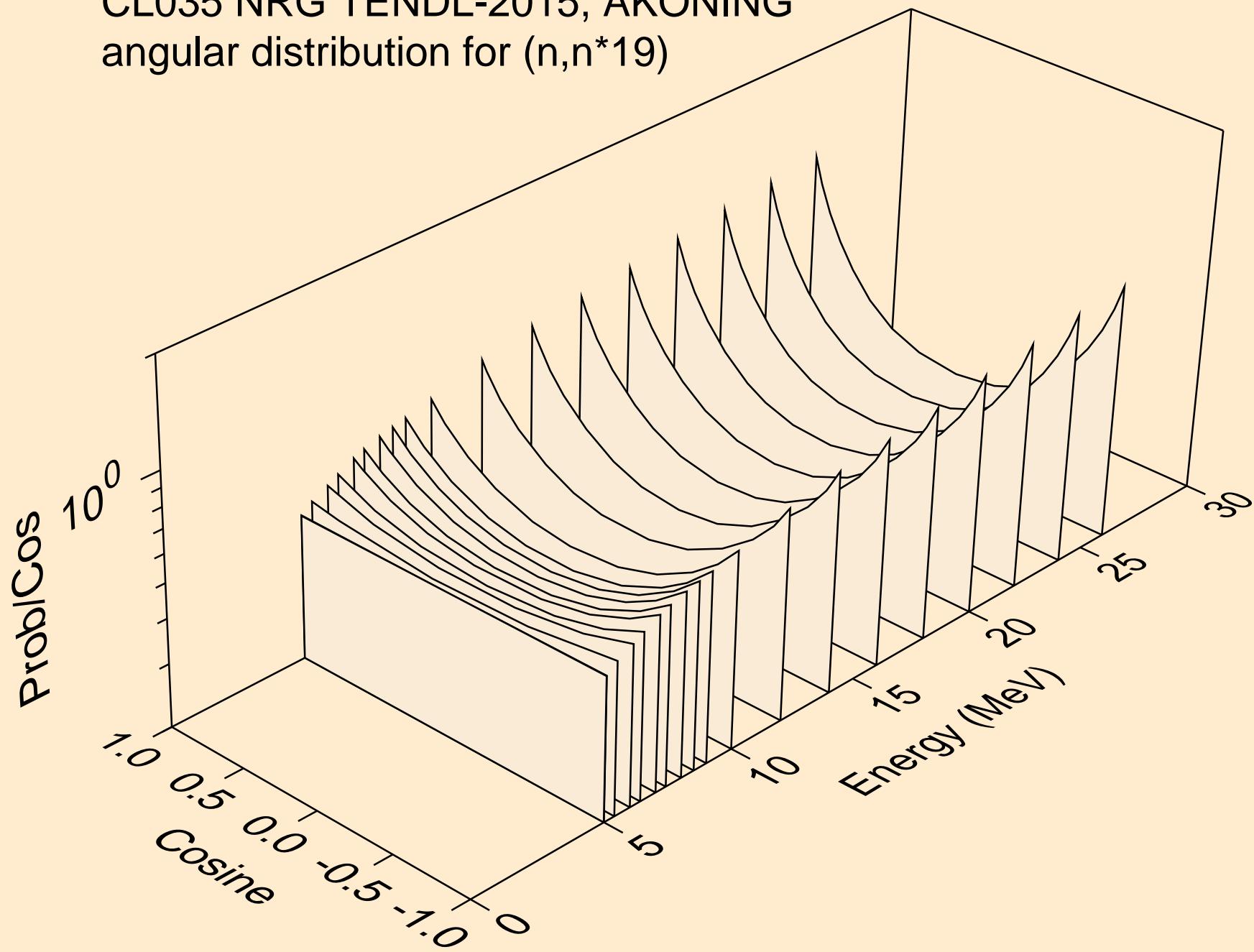
CL035 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



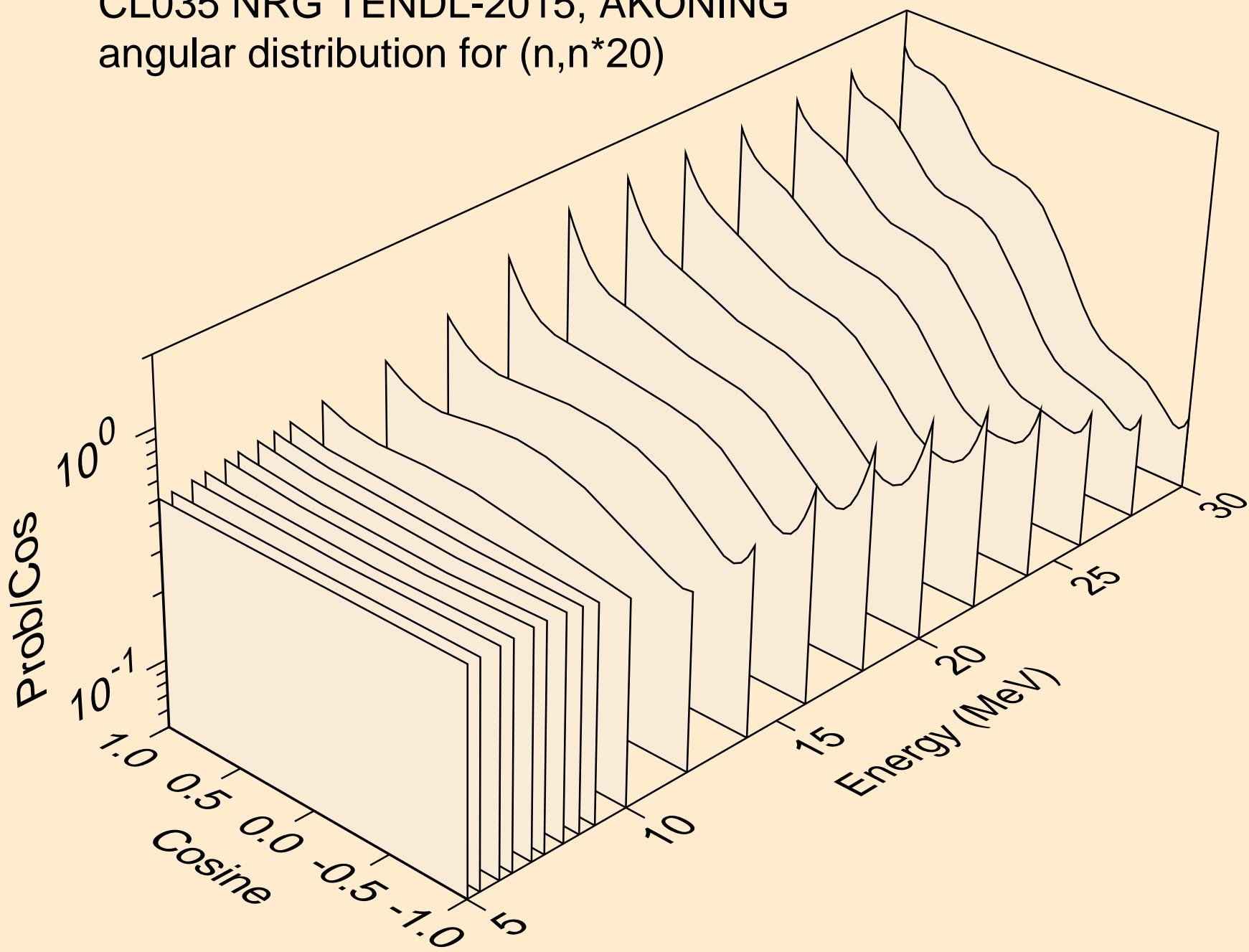
CL035 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



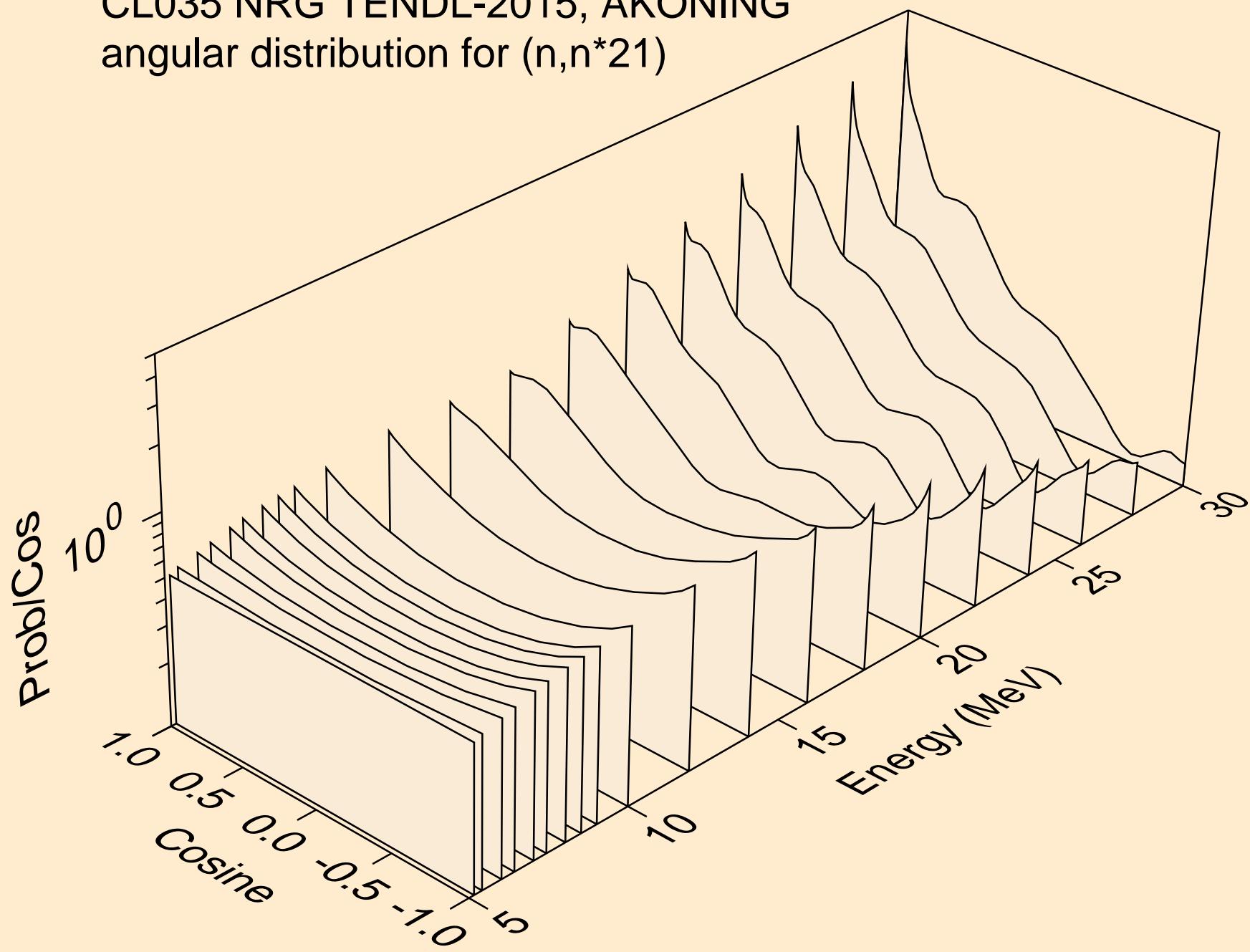
CL035 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



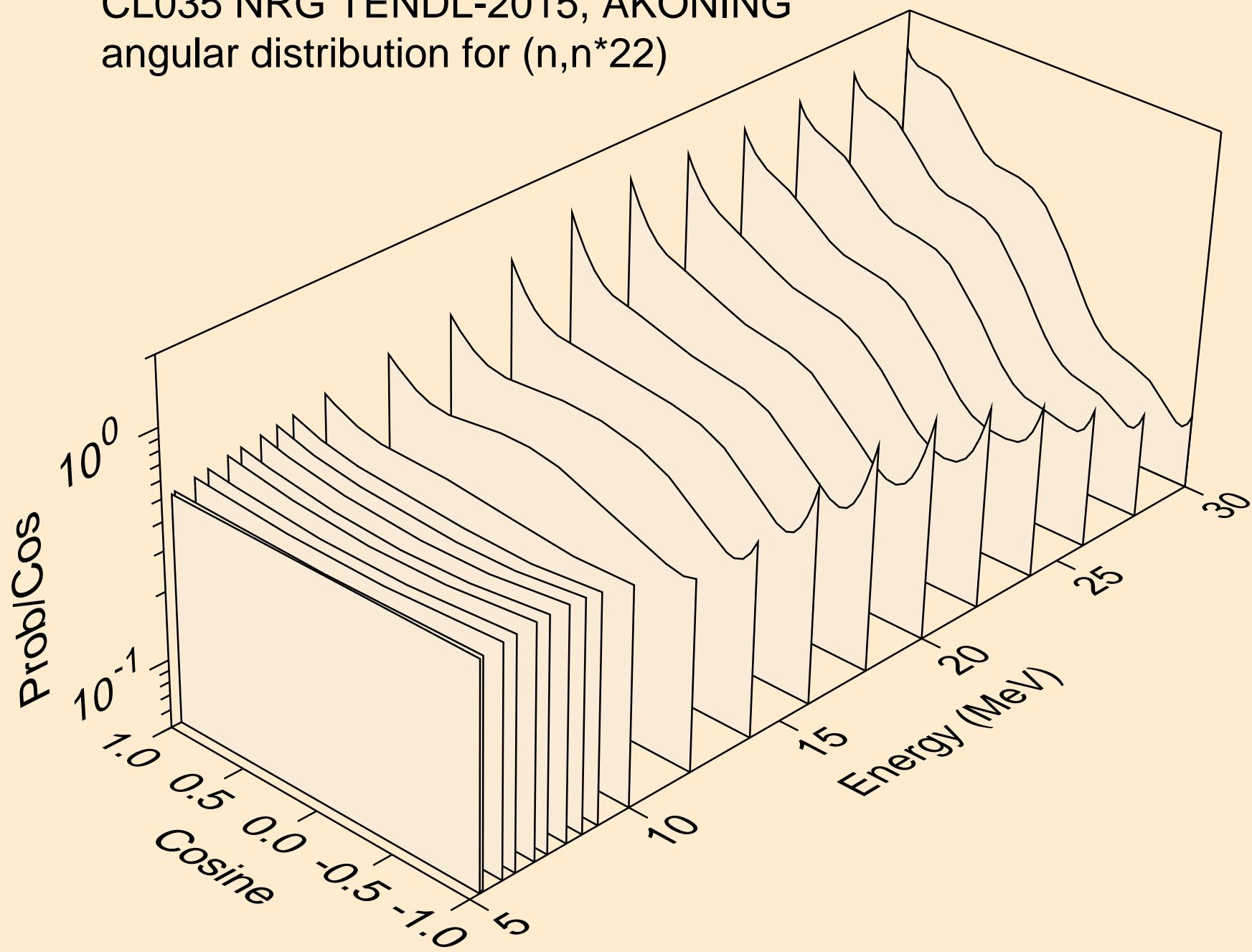
CL035 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^{20}$



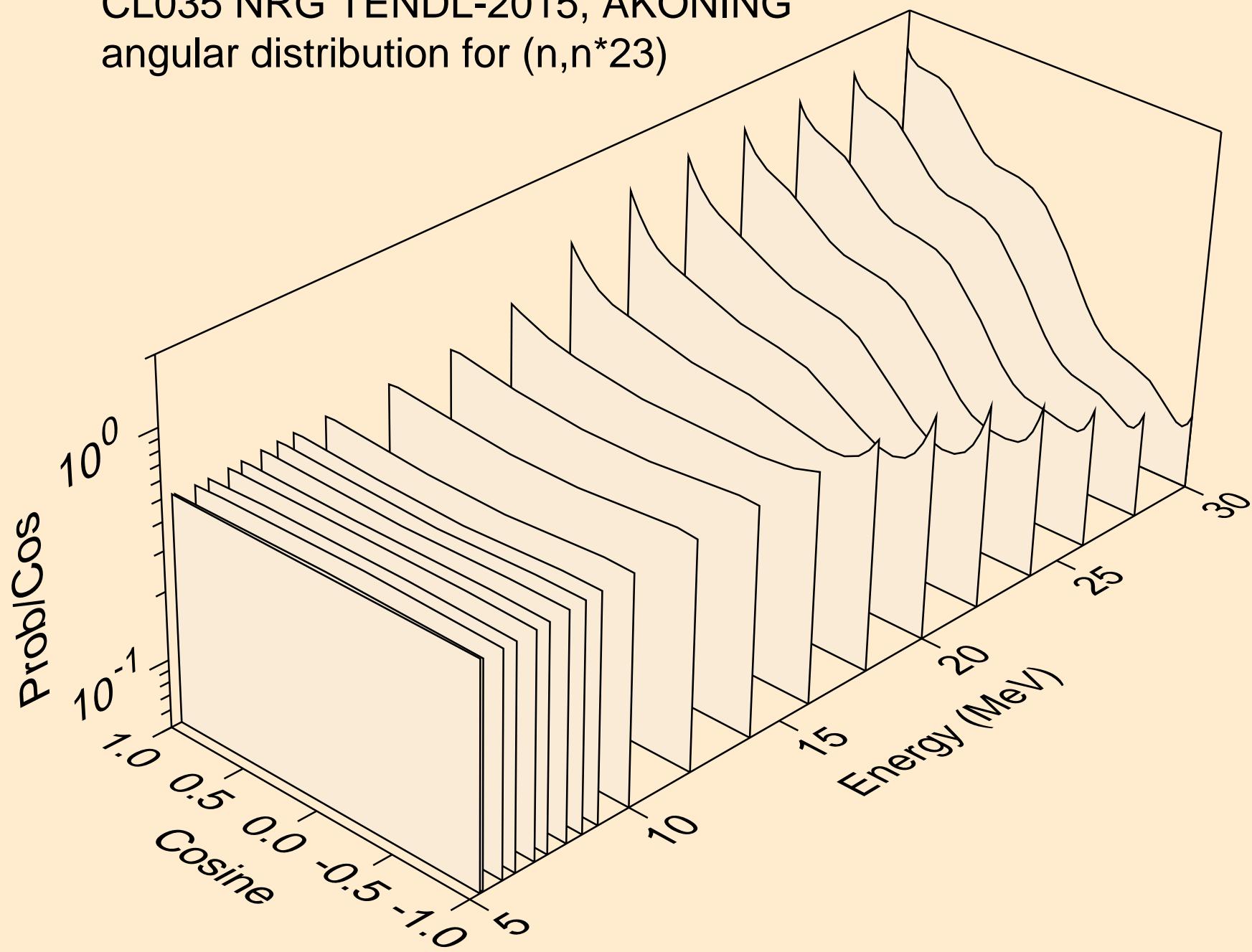
CL035 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*21)$



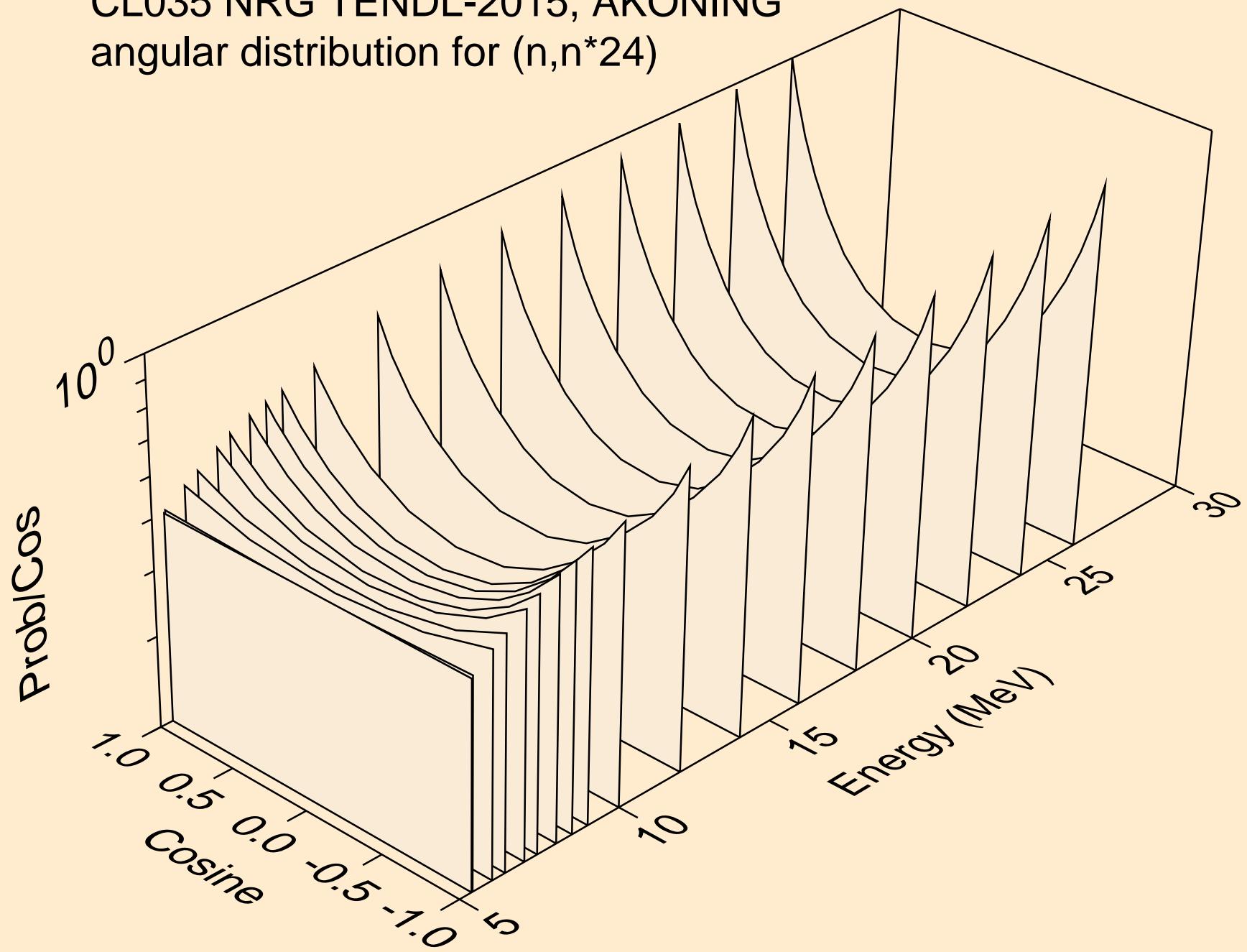
CL035 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)_{22}$



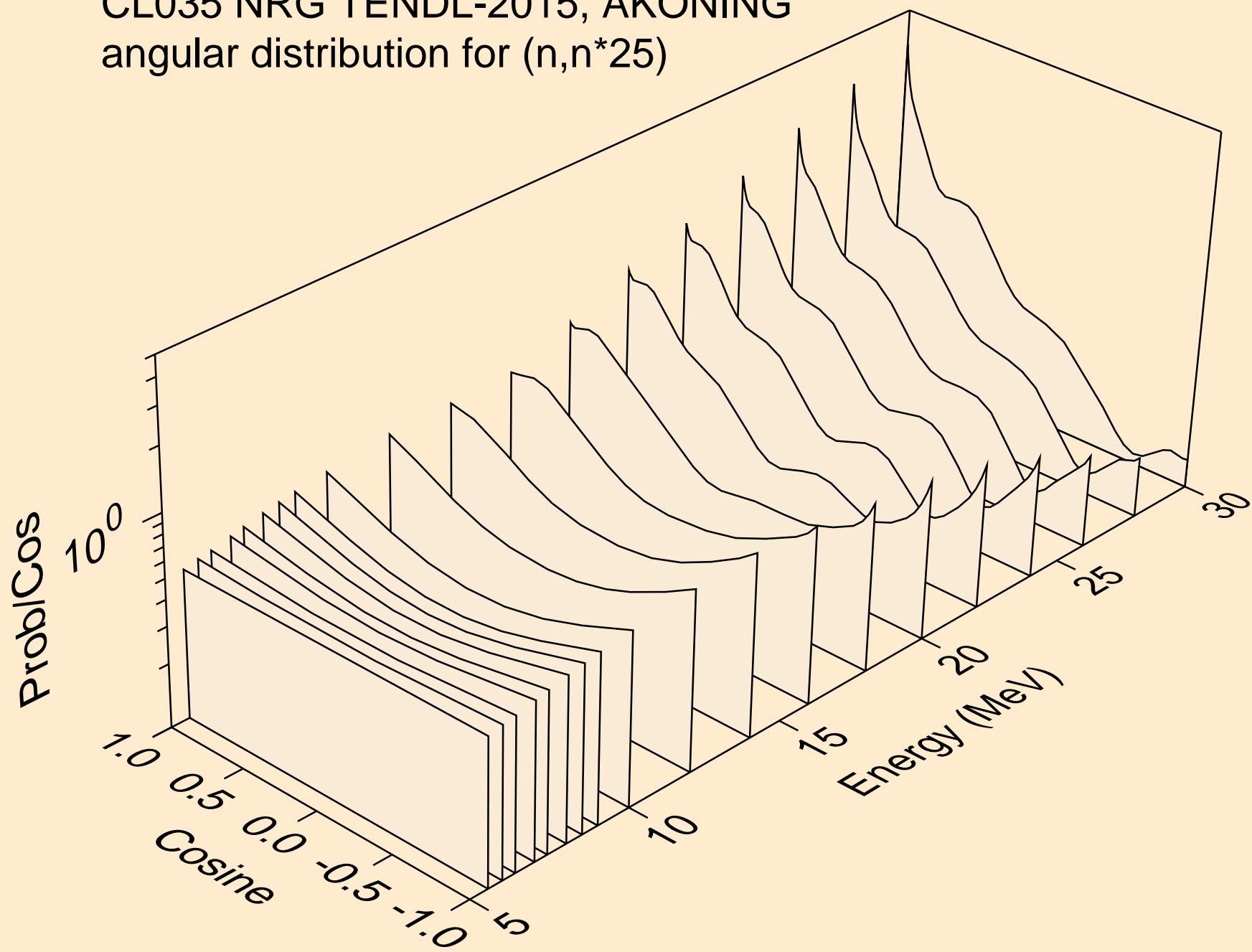
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angular distribution for  $(n,n^*)_{23}$



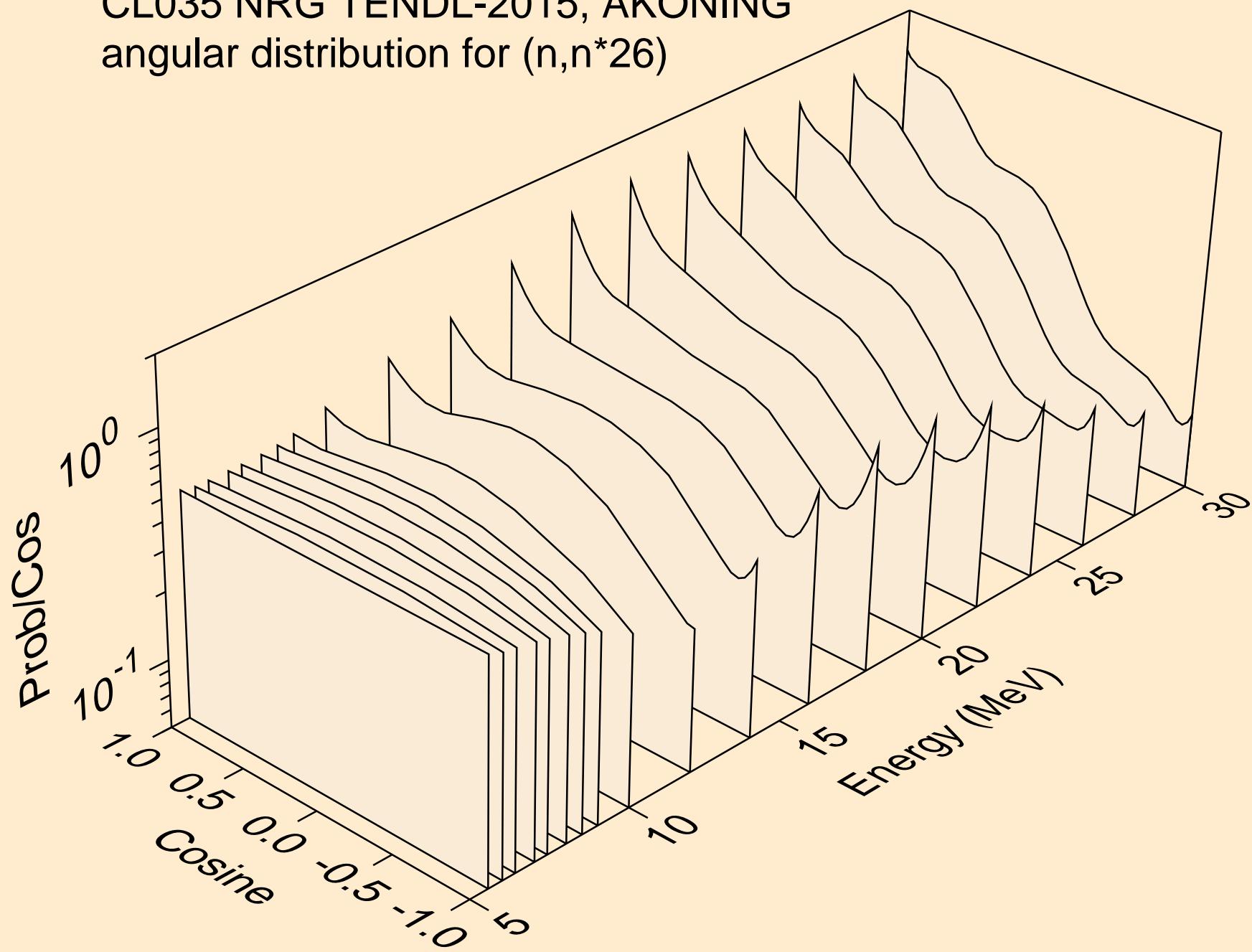
CL035 NRG TENDL-2015, AKONING  
angular distribution for ( $n,n^*$ )<sup>24</sup>



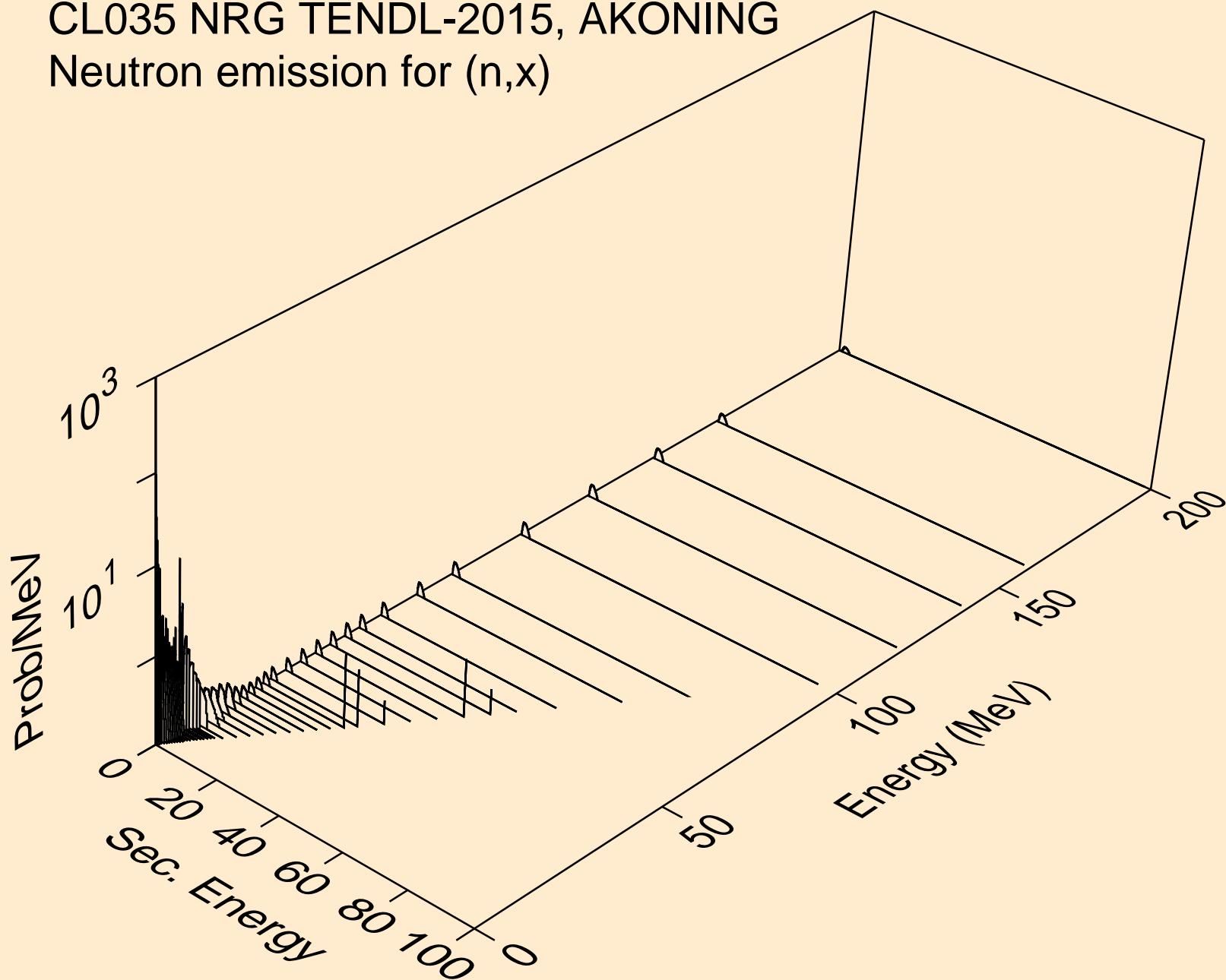
CL035 NRG TENDL-2015, AKONING  
angular distribution for ( $n,n^*$ )25



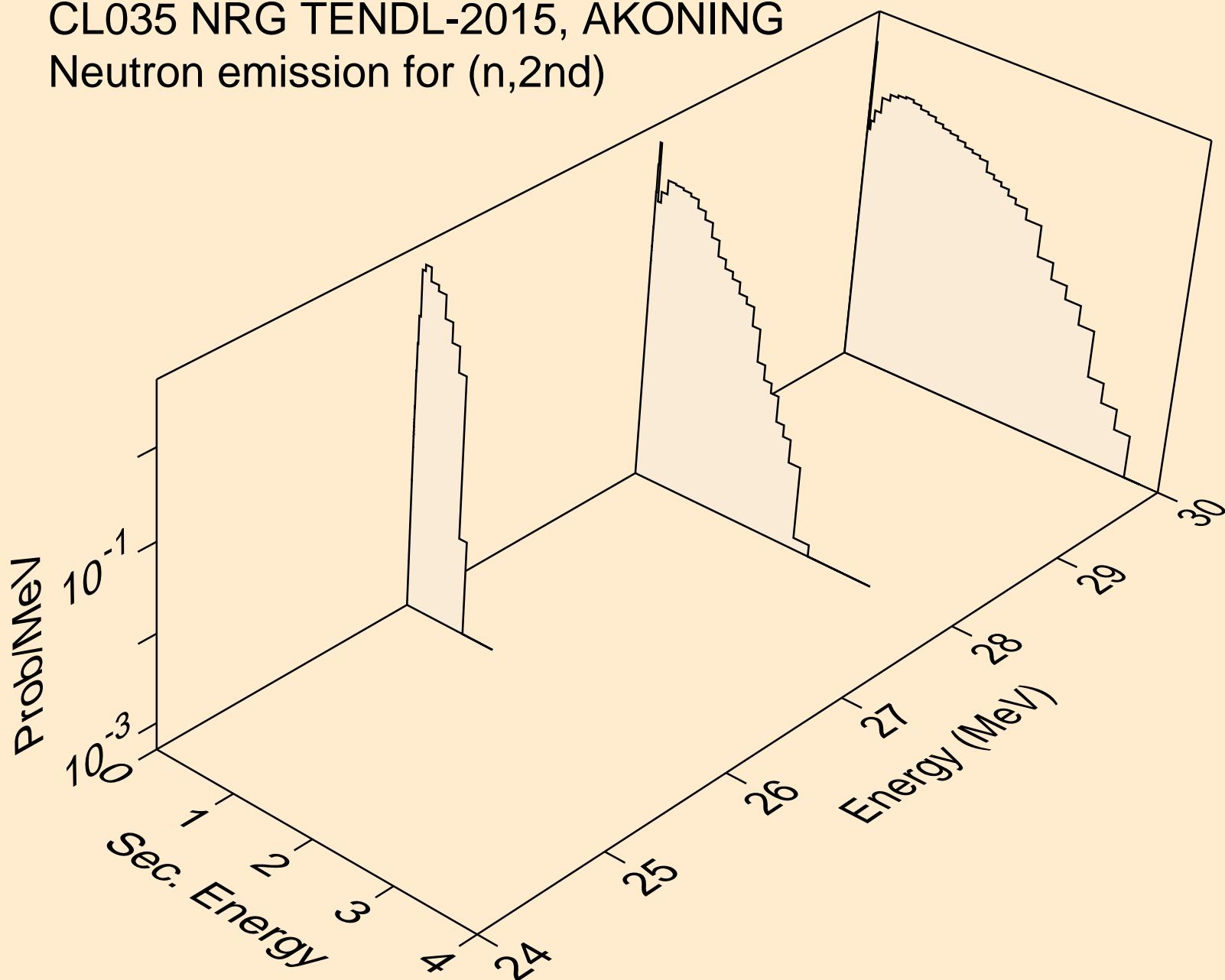
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angular distribution for  $(n,n^*)_{26}$



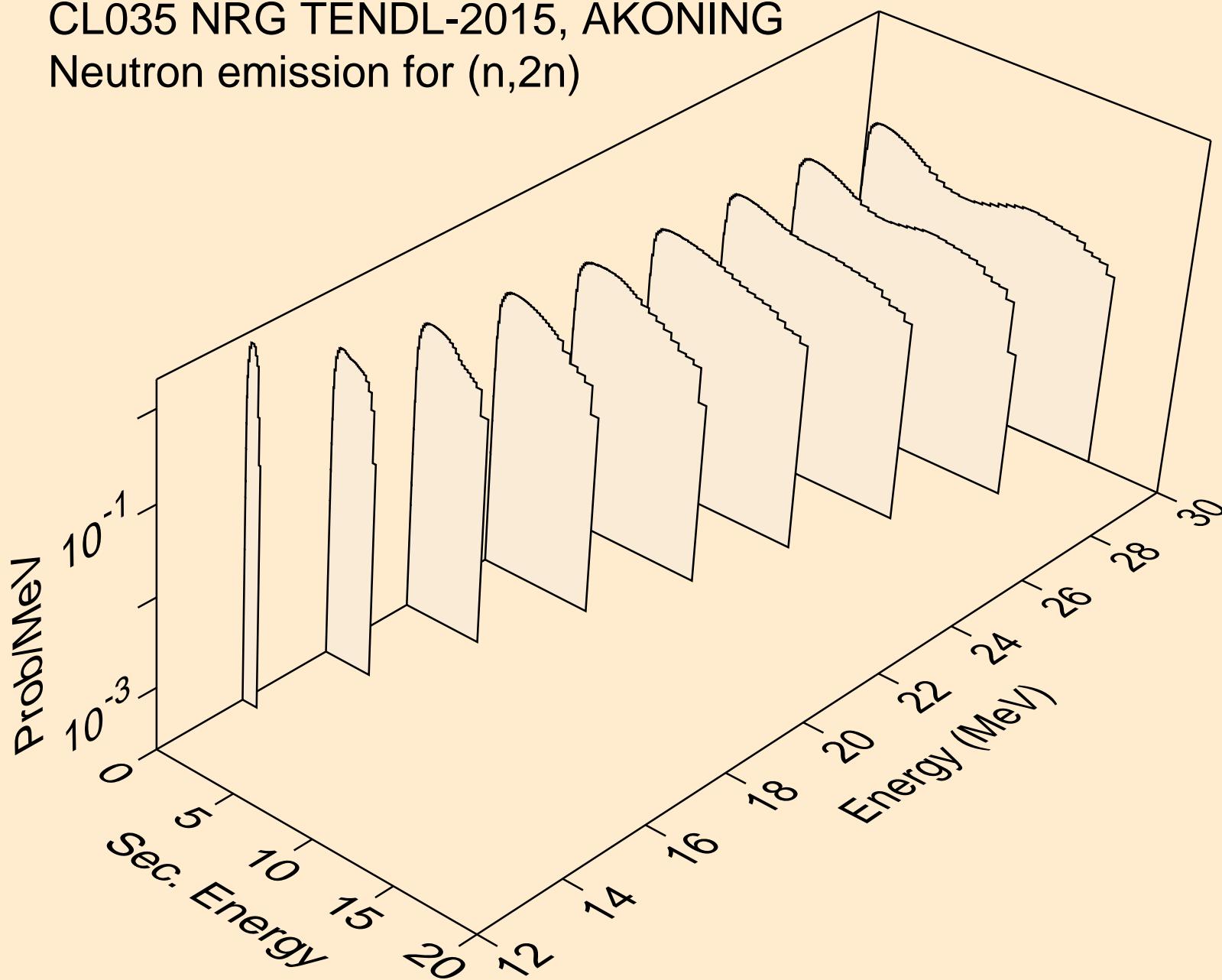
CL035 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



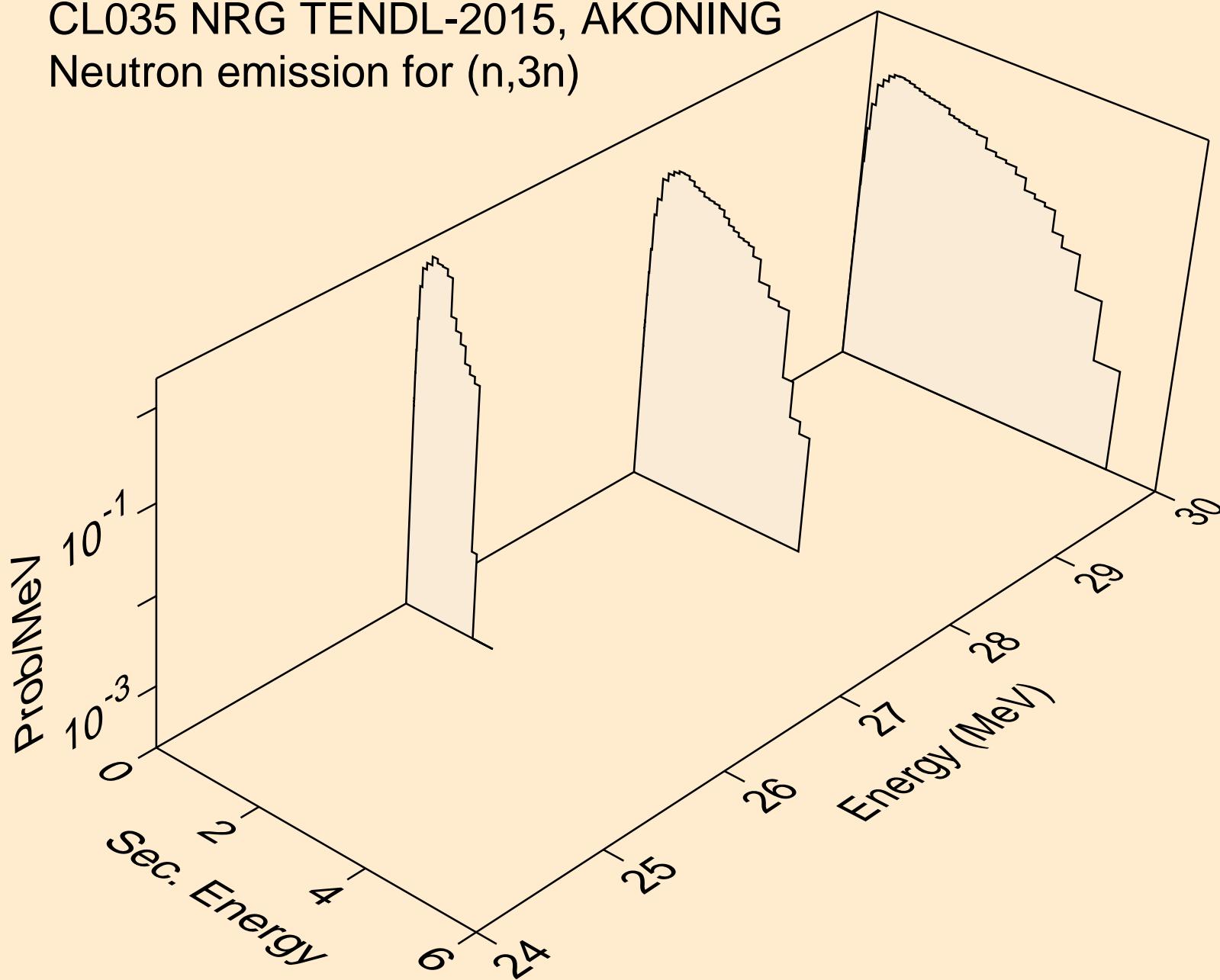
CL035 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



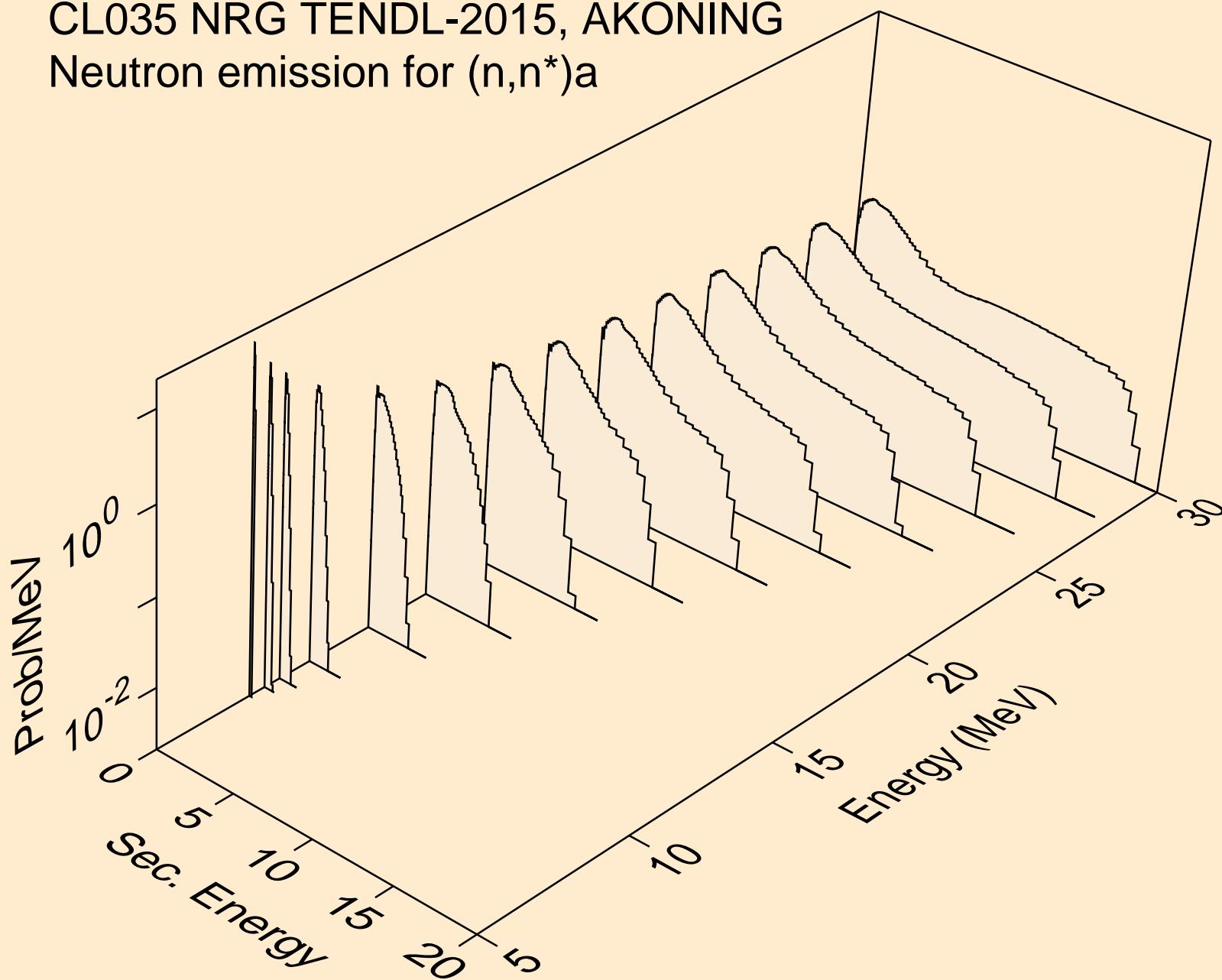
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Neutron emission for (n,2n)



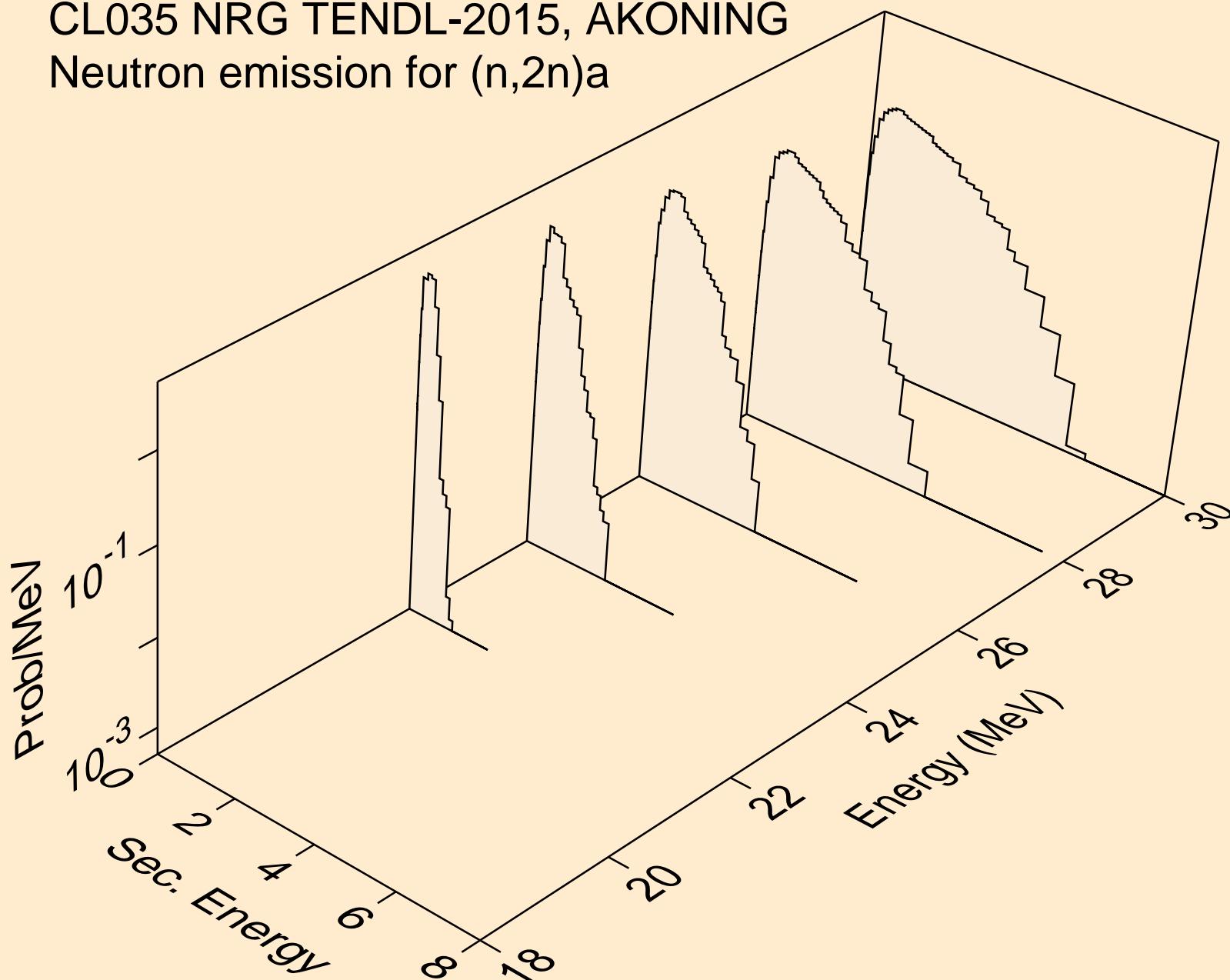
CL035 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



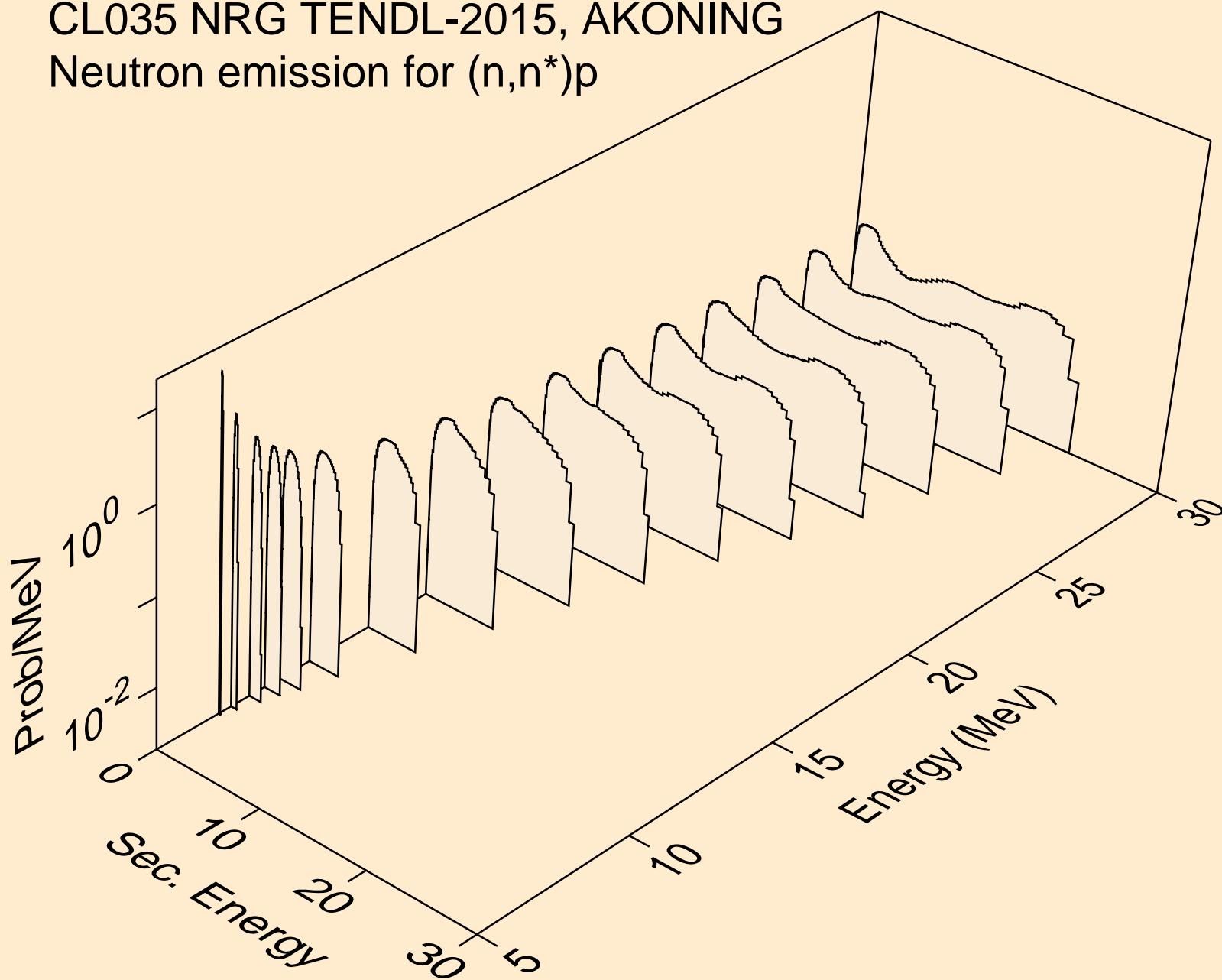
CL035 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)a$



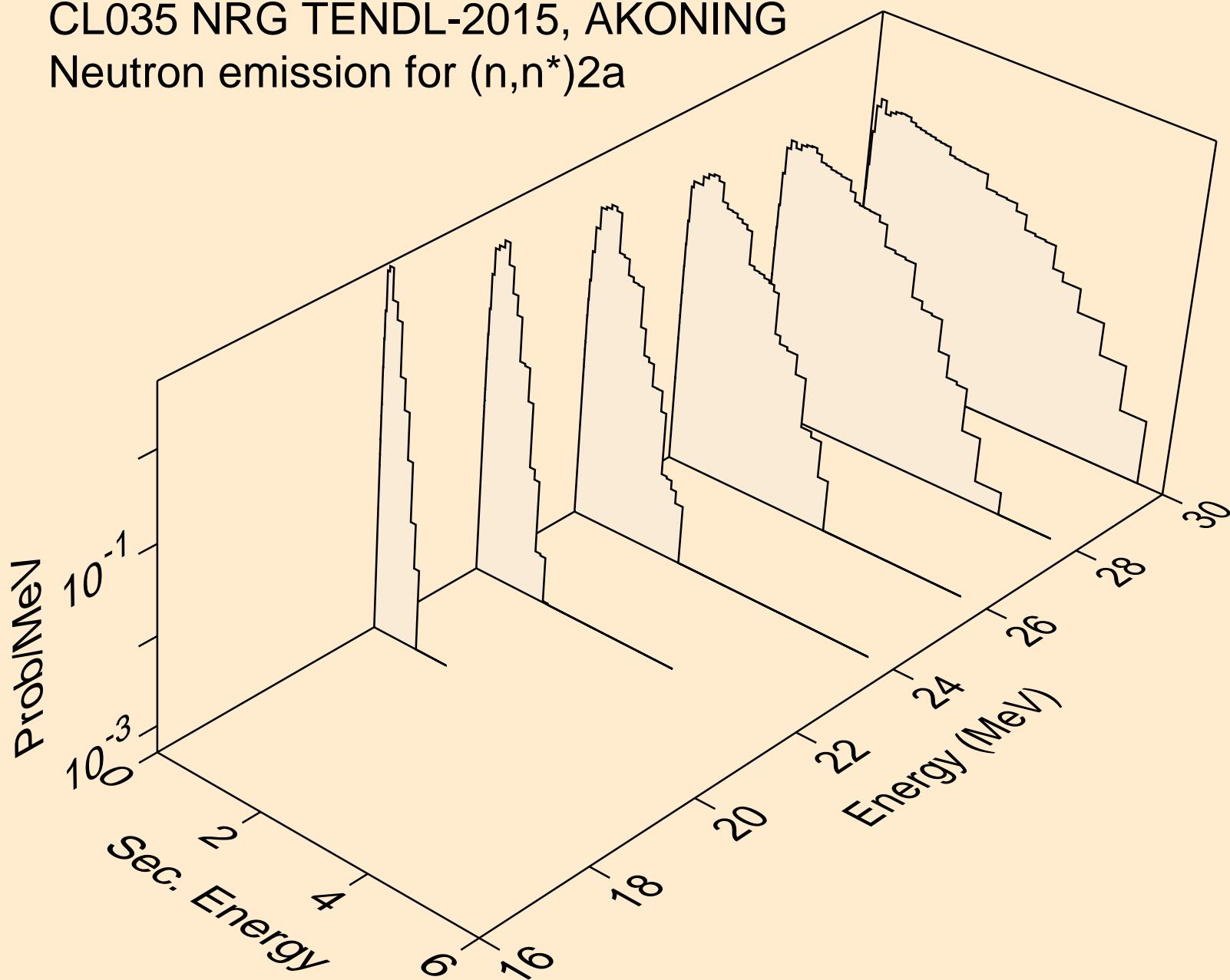
CL035 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



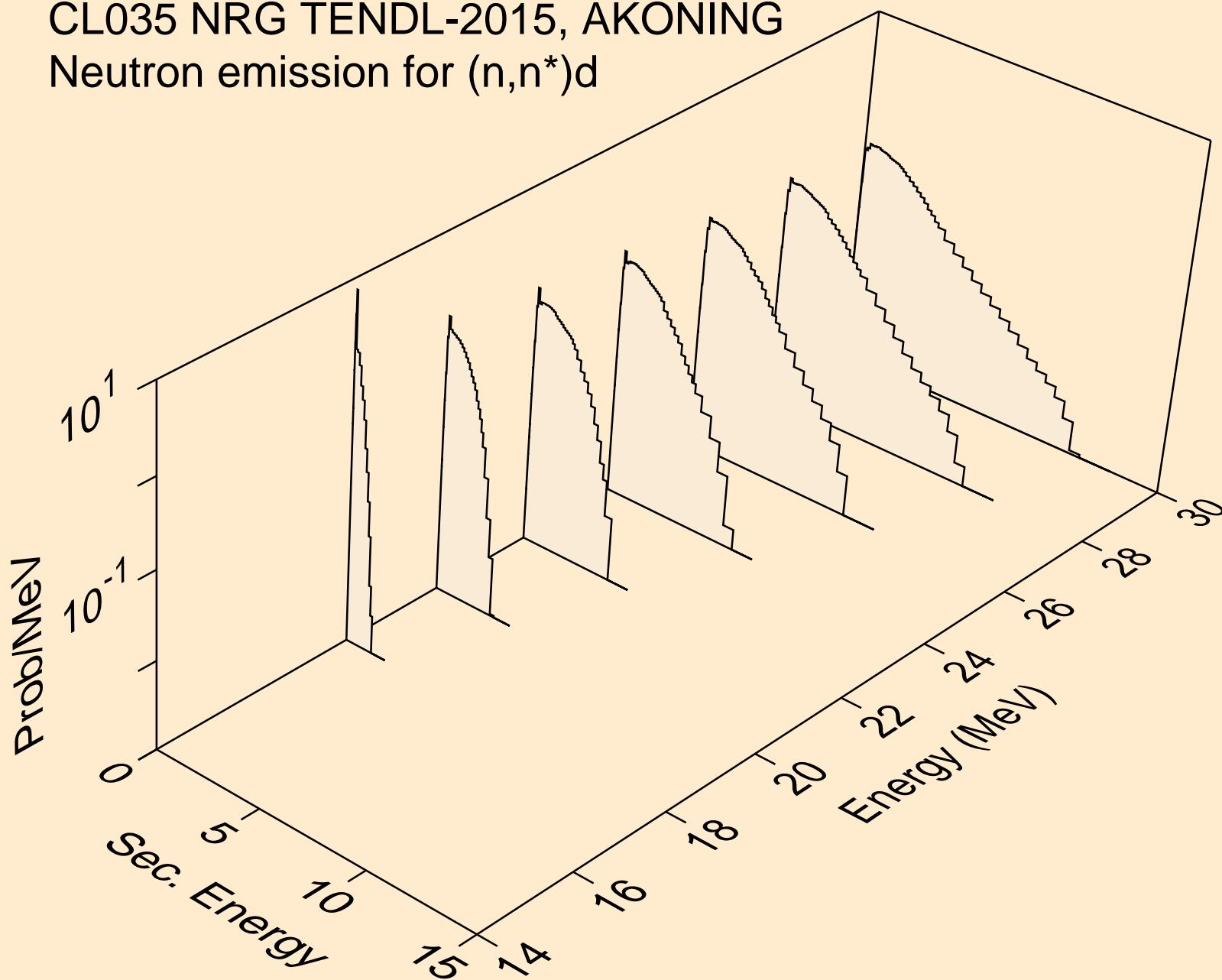
CL035 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)p$



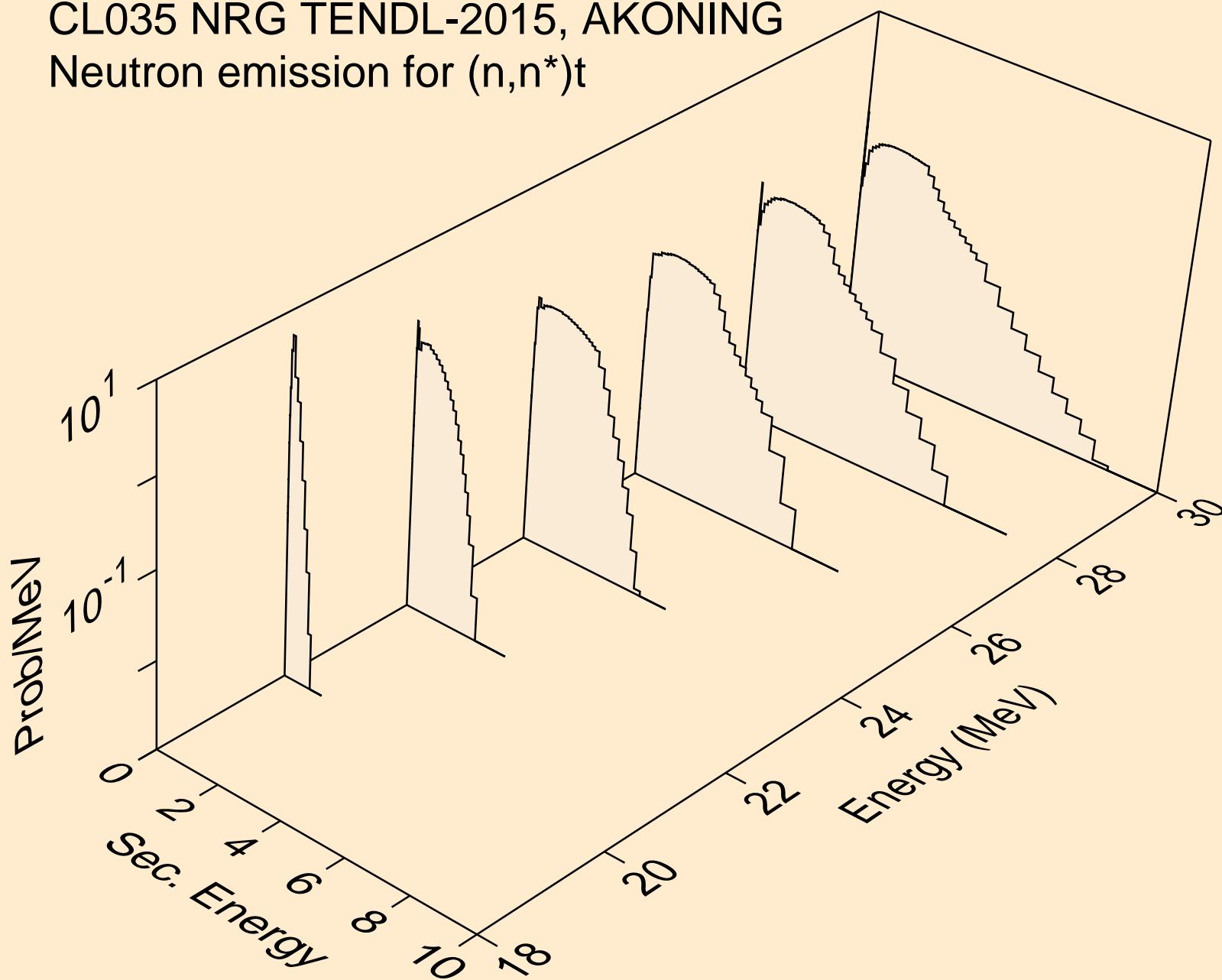
CL035 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)2a$



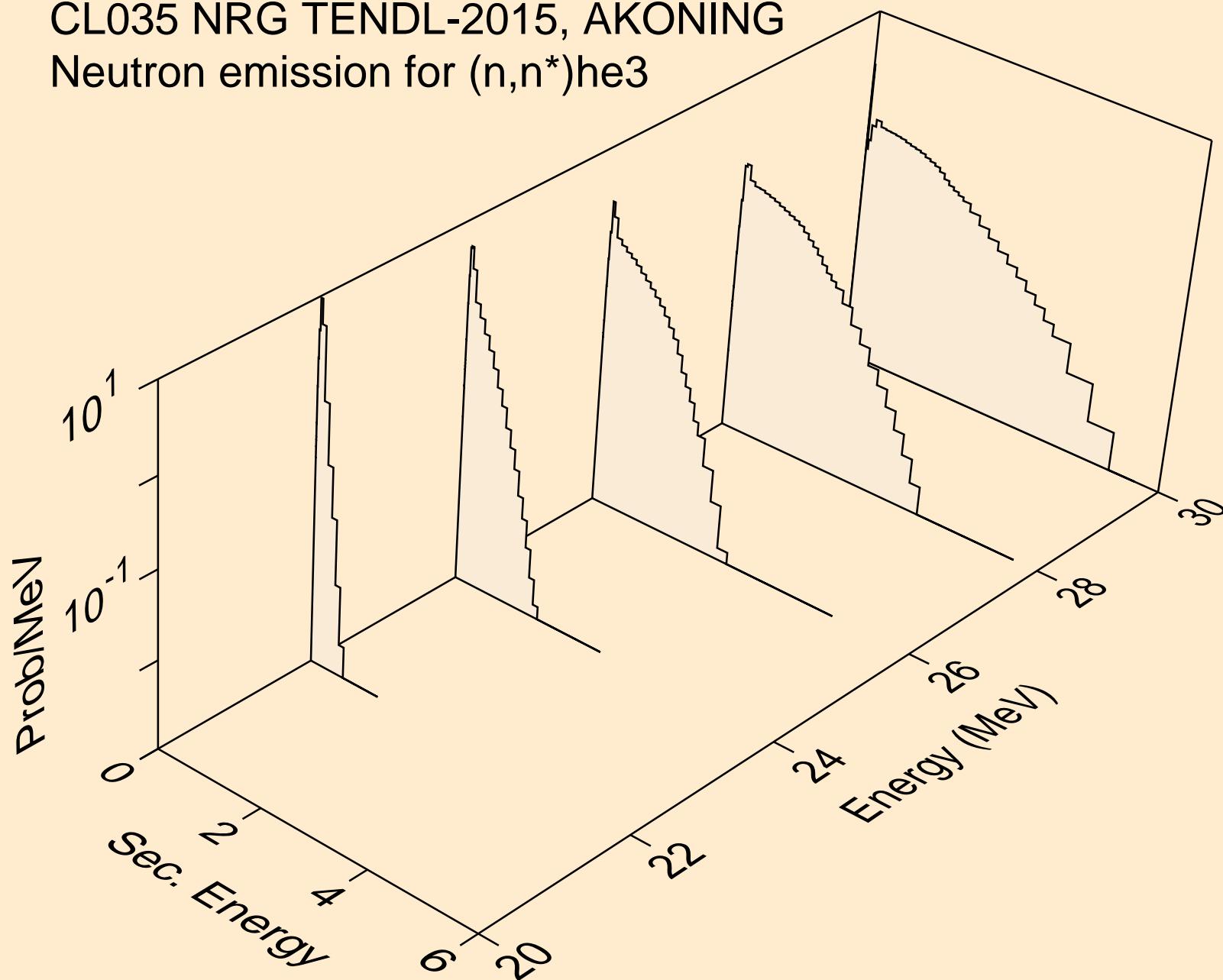
CL035 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)d$



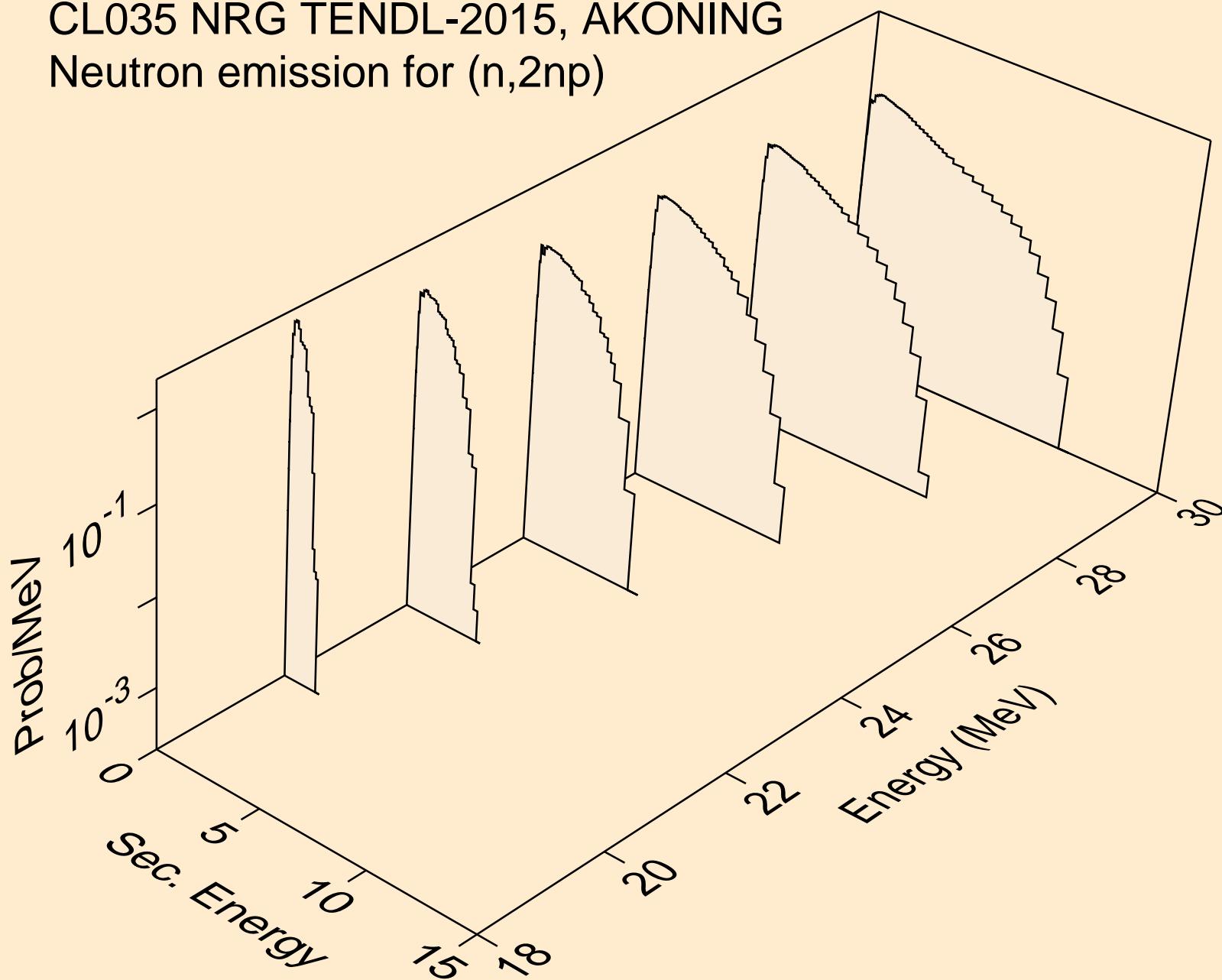
CL035 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)t$



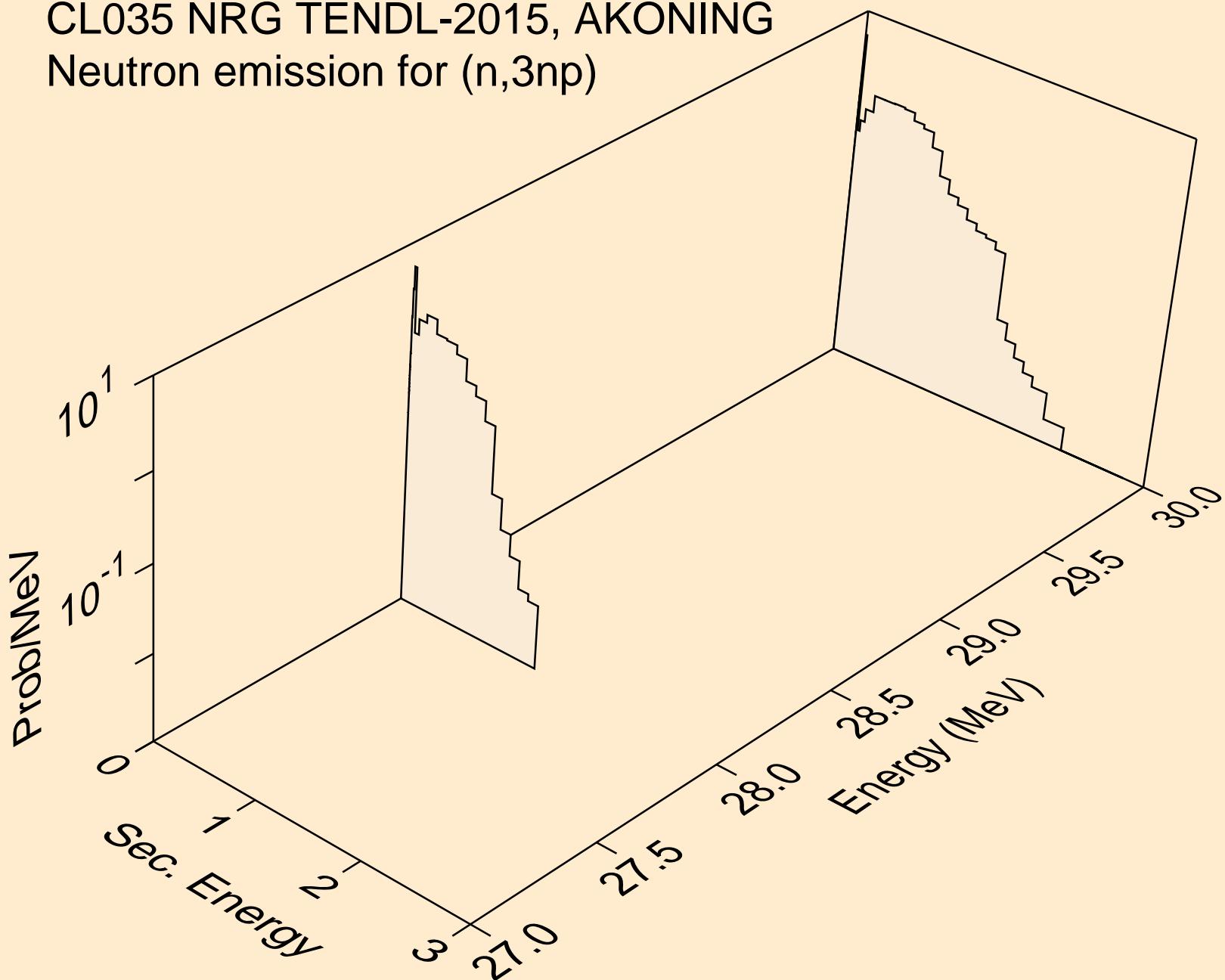
CL035 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)\text{he3}$



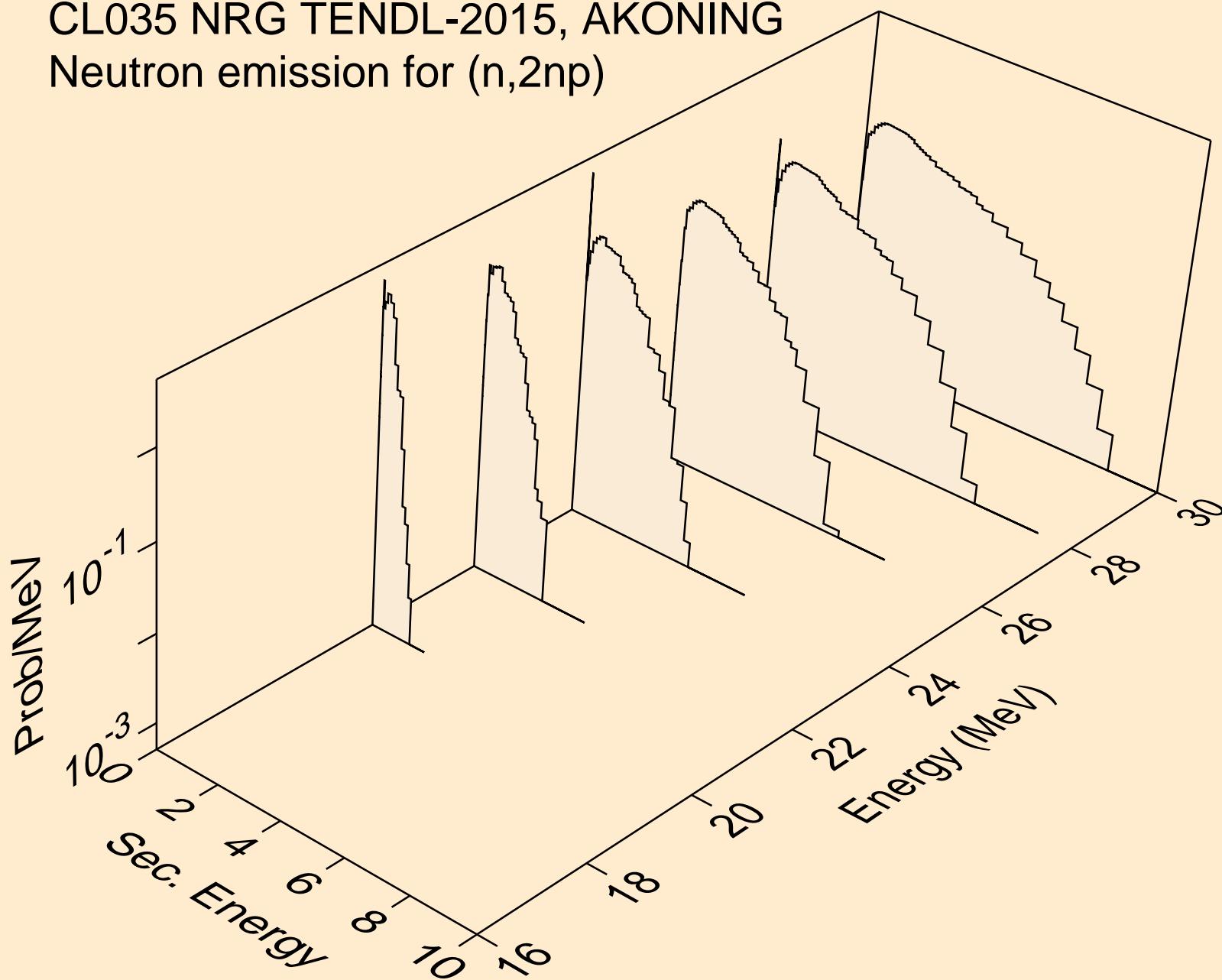
CL035 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



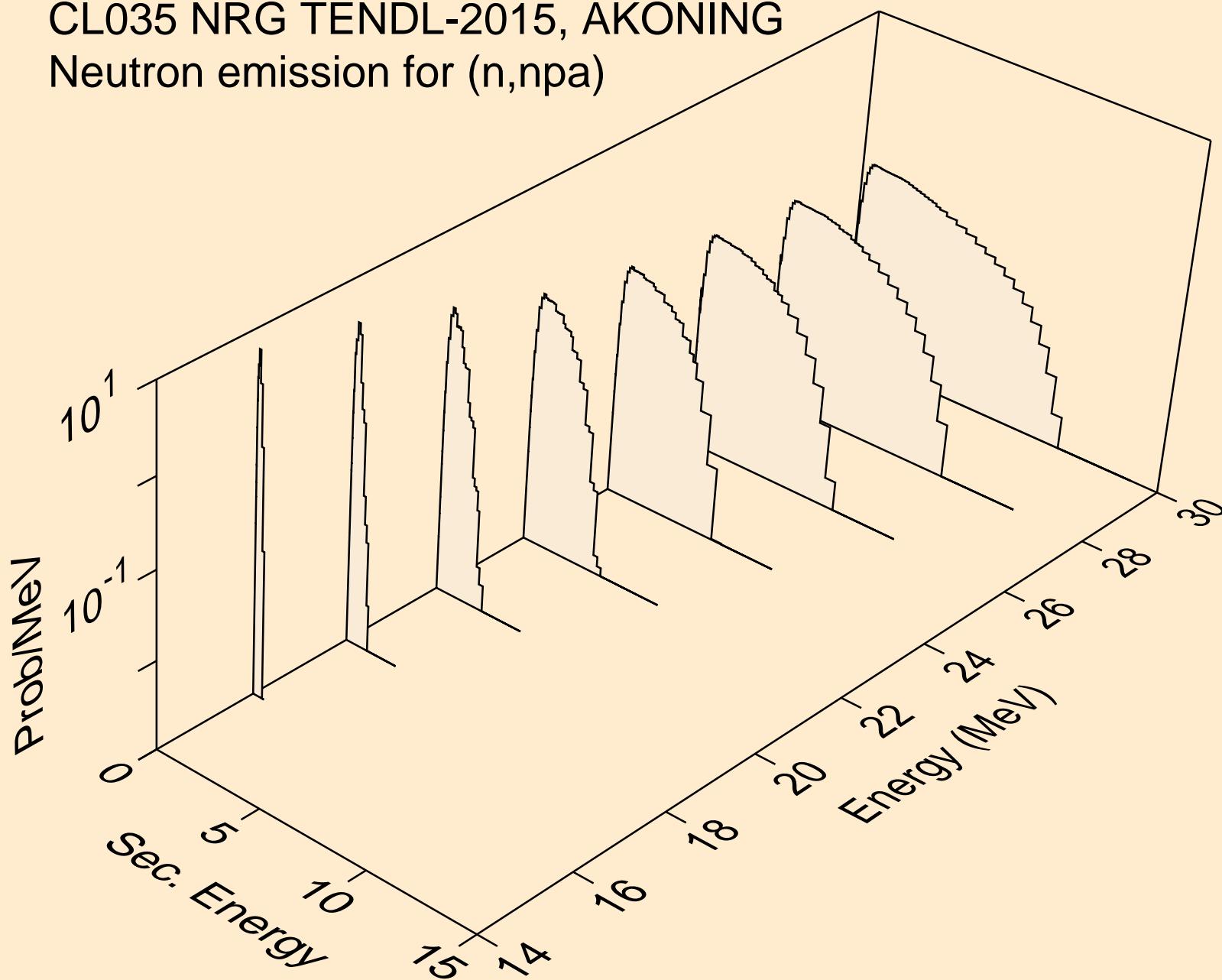
CL035 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



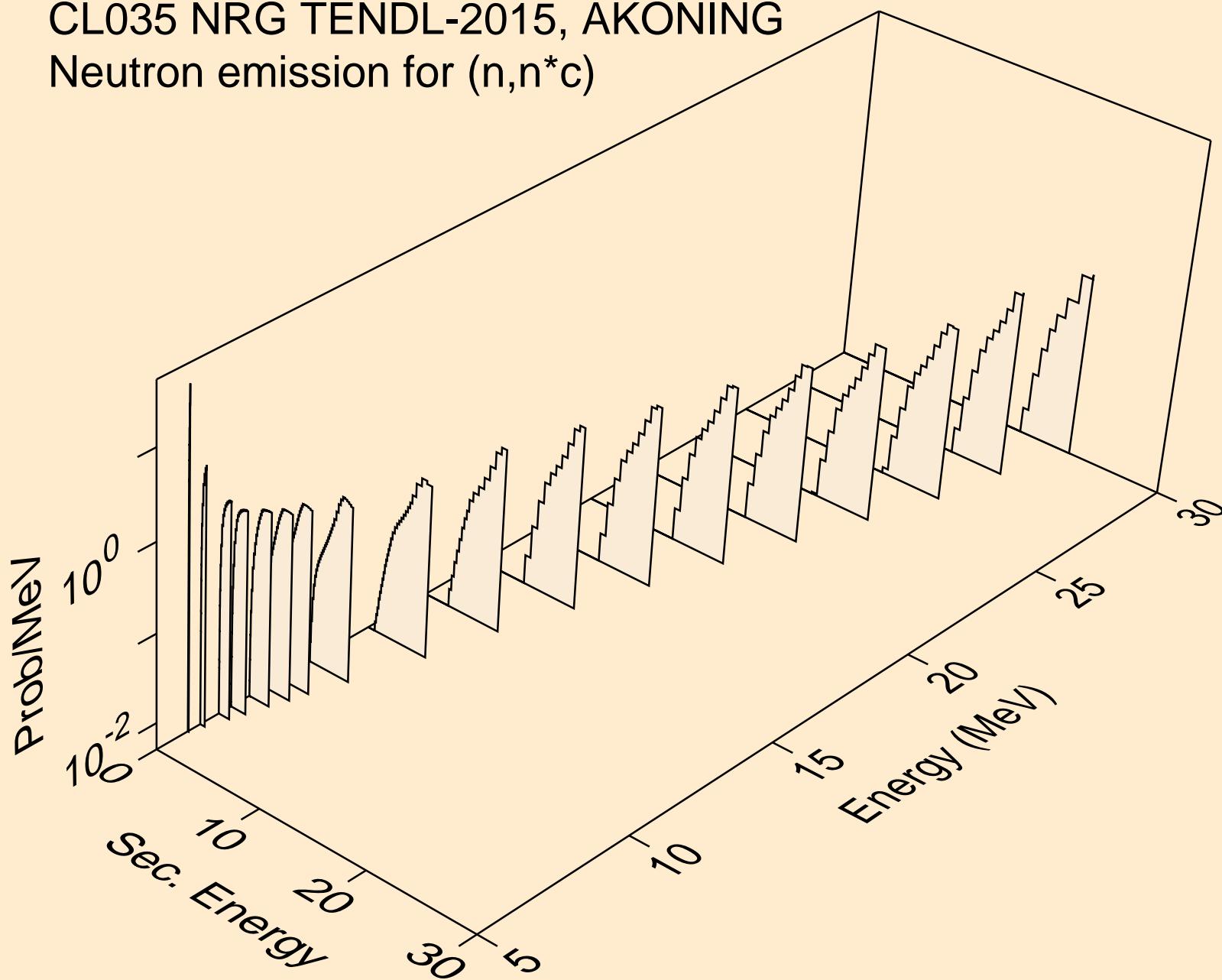
CL035 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



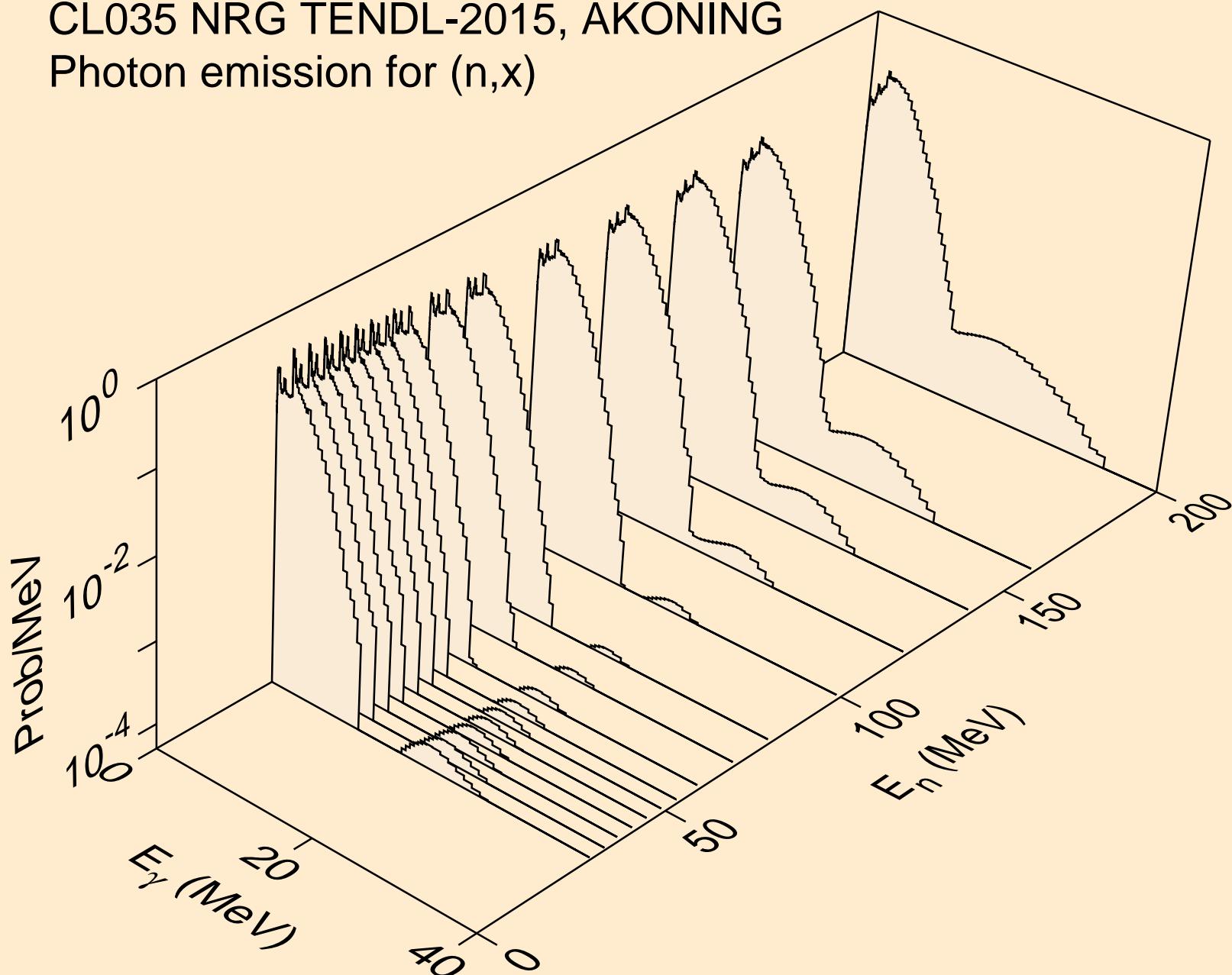
CL035 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



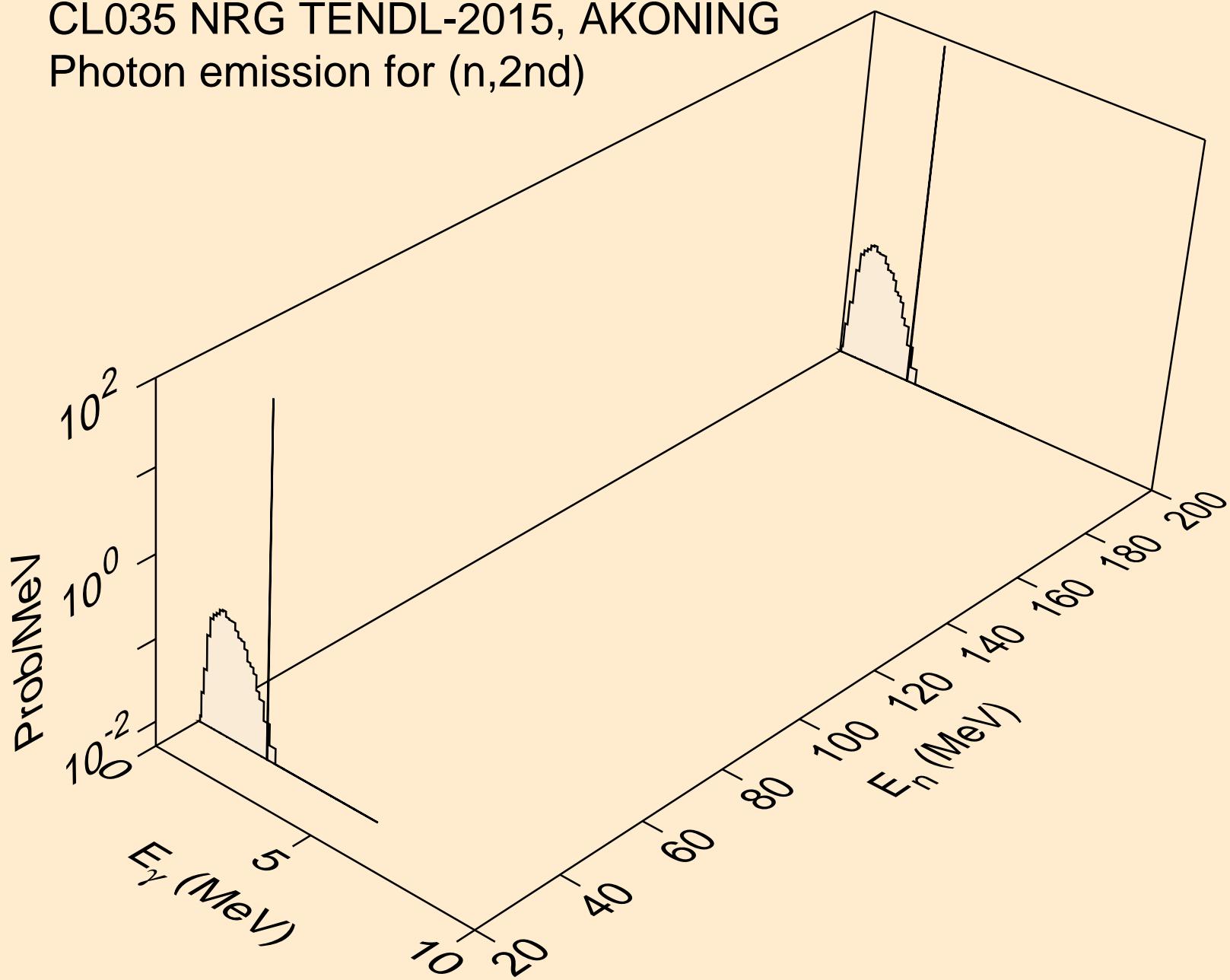
CL035 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



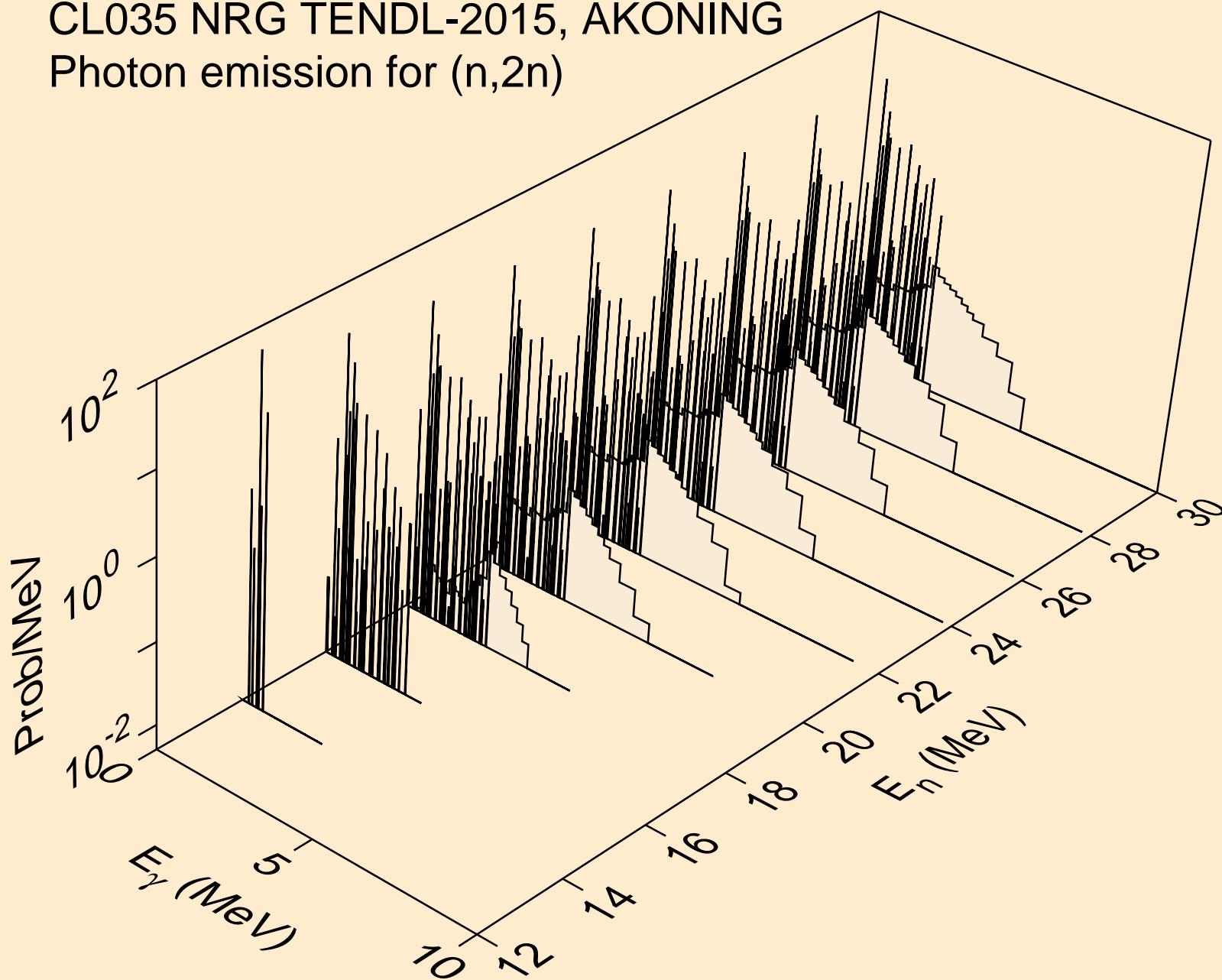
CL035 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



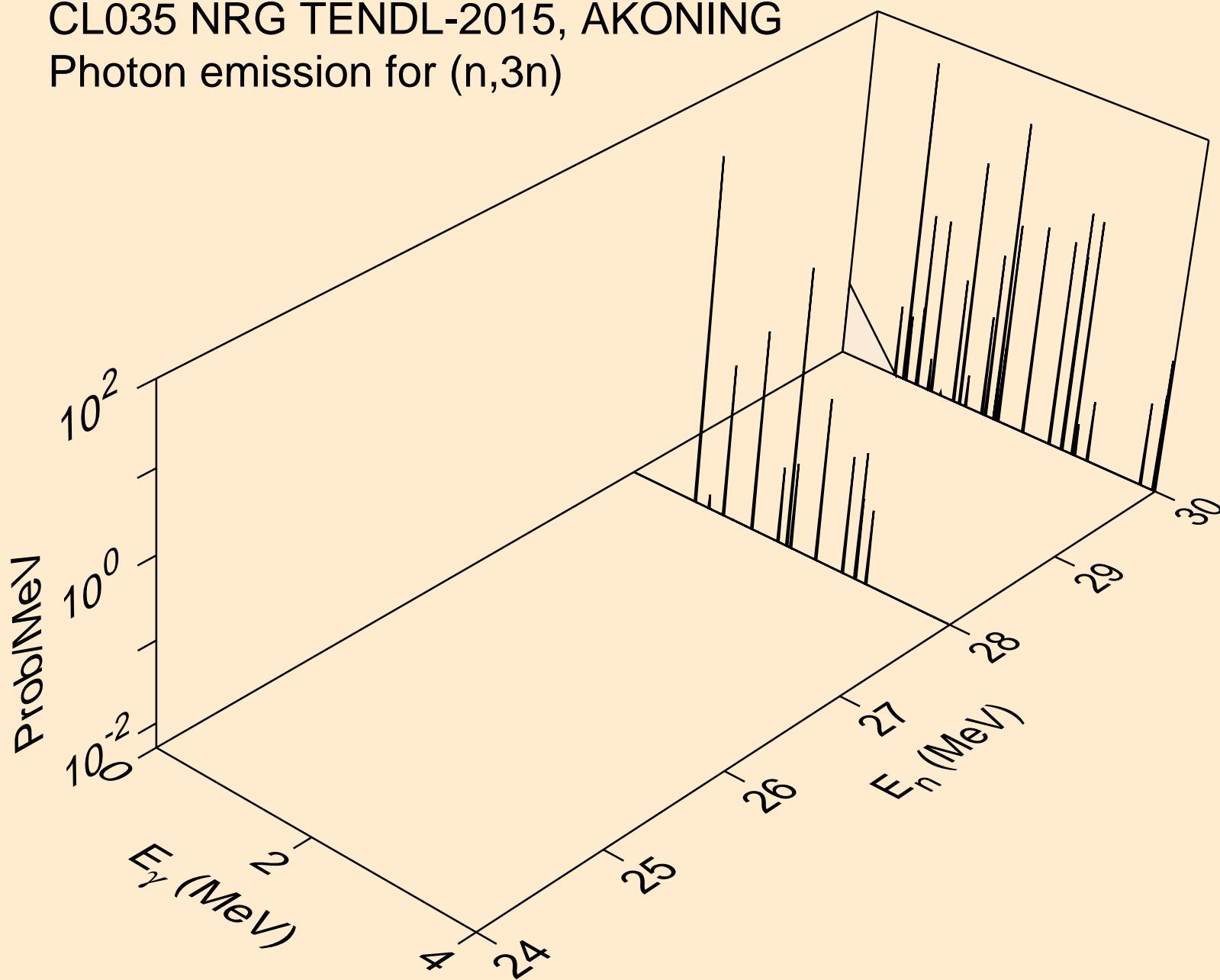
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Photon emission for (n,2nd)



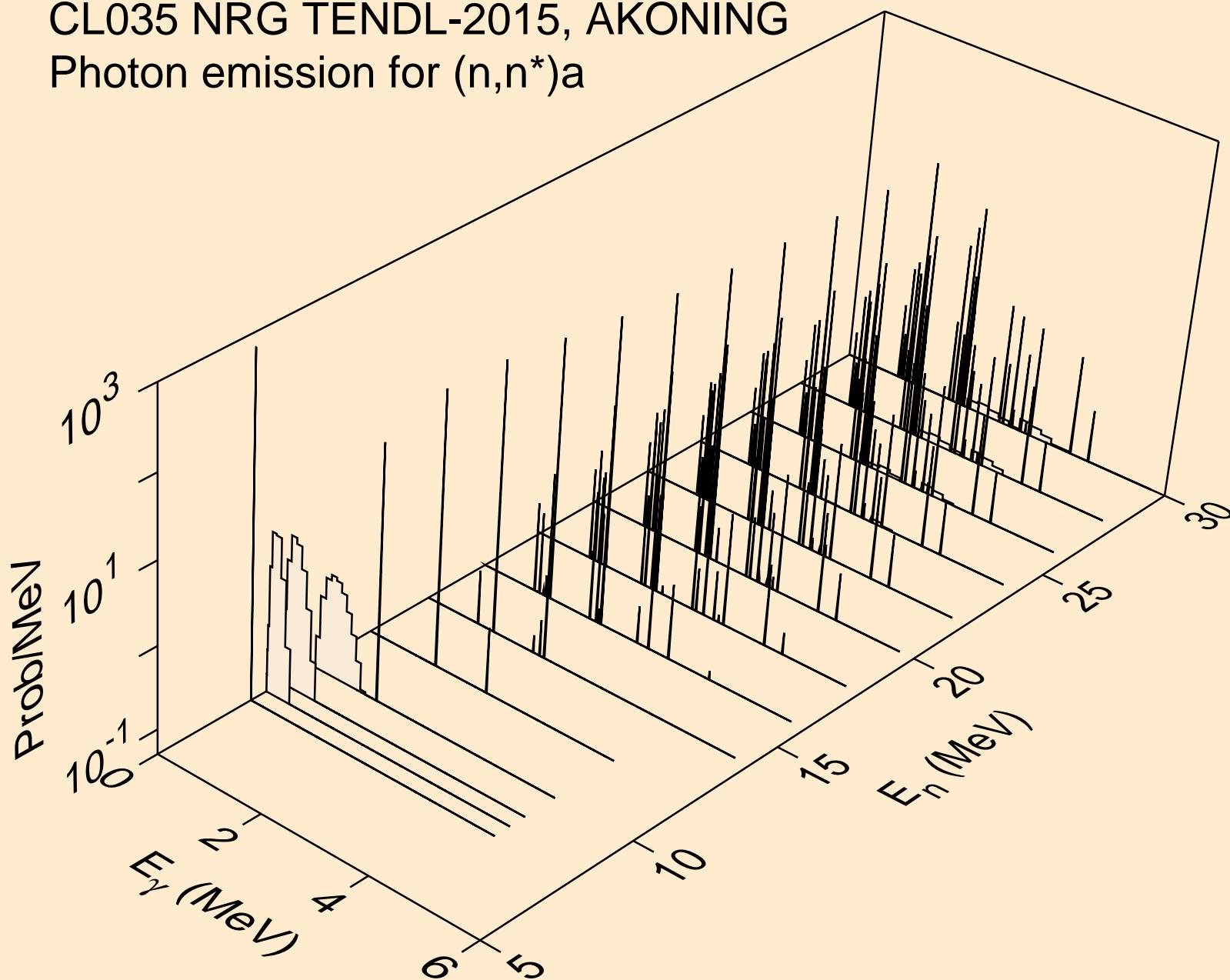
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Photon emission for (n,2n)



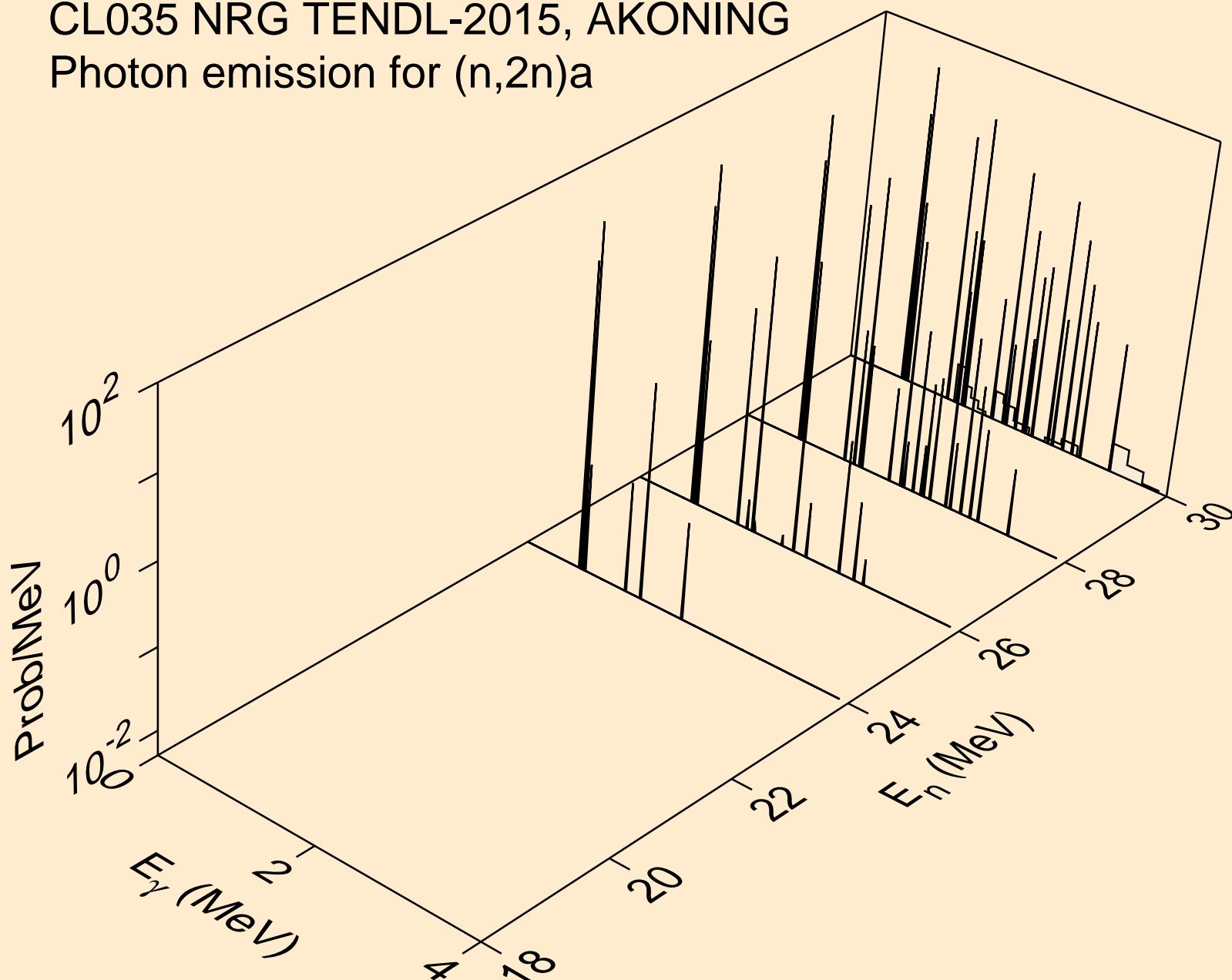
CL035 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



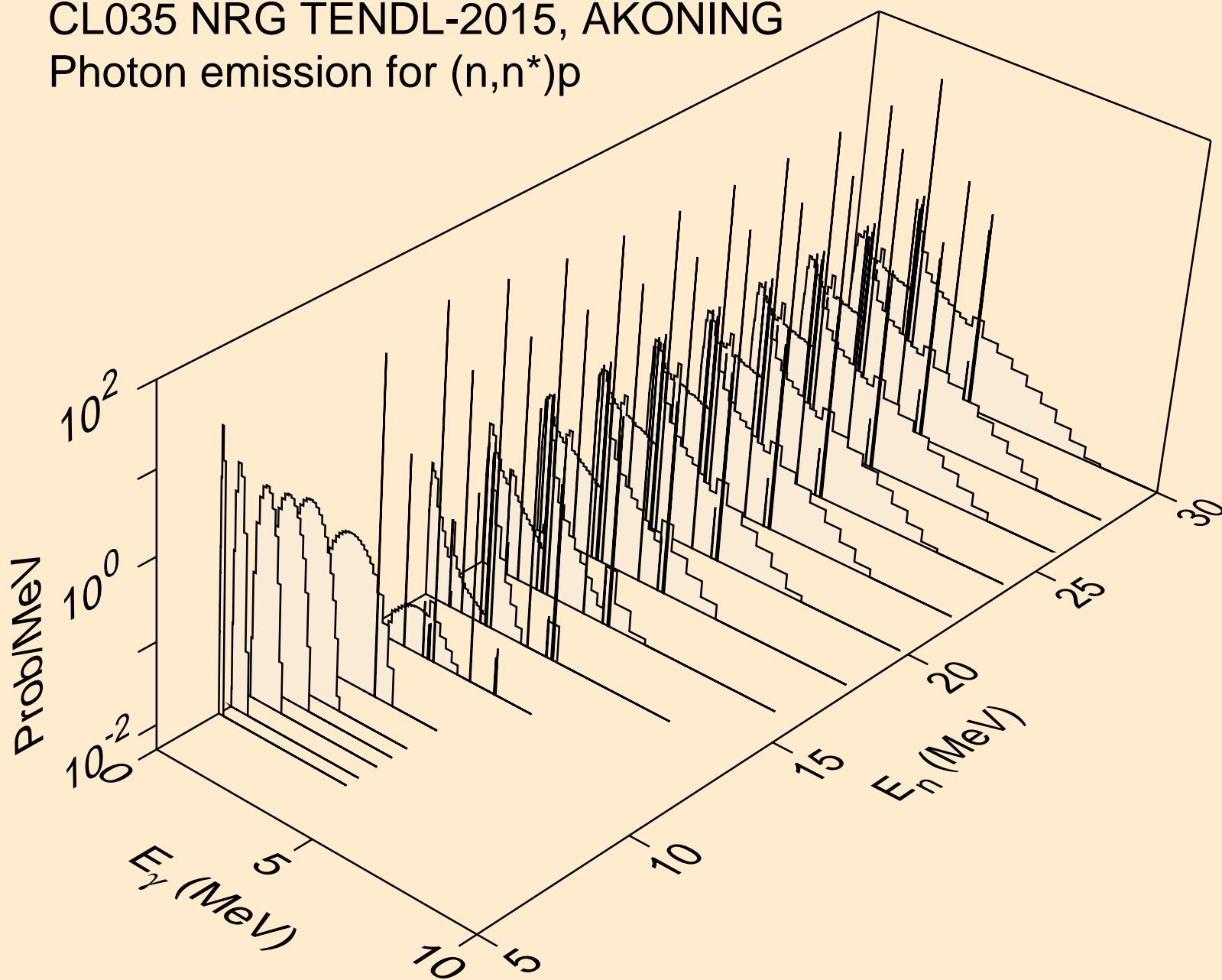
CL035 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)a$



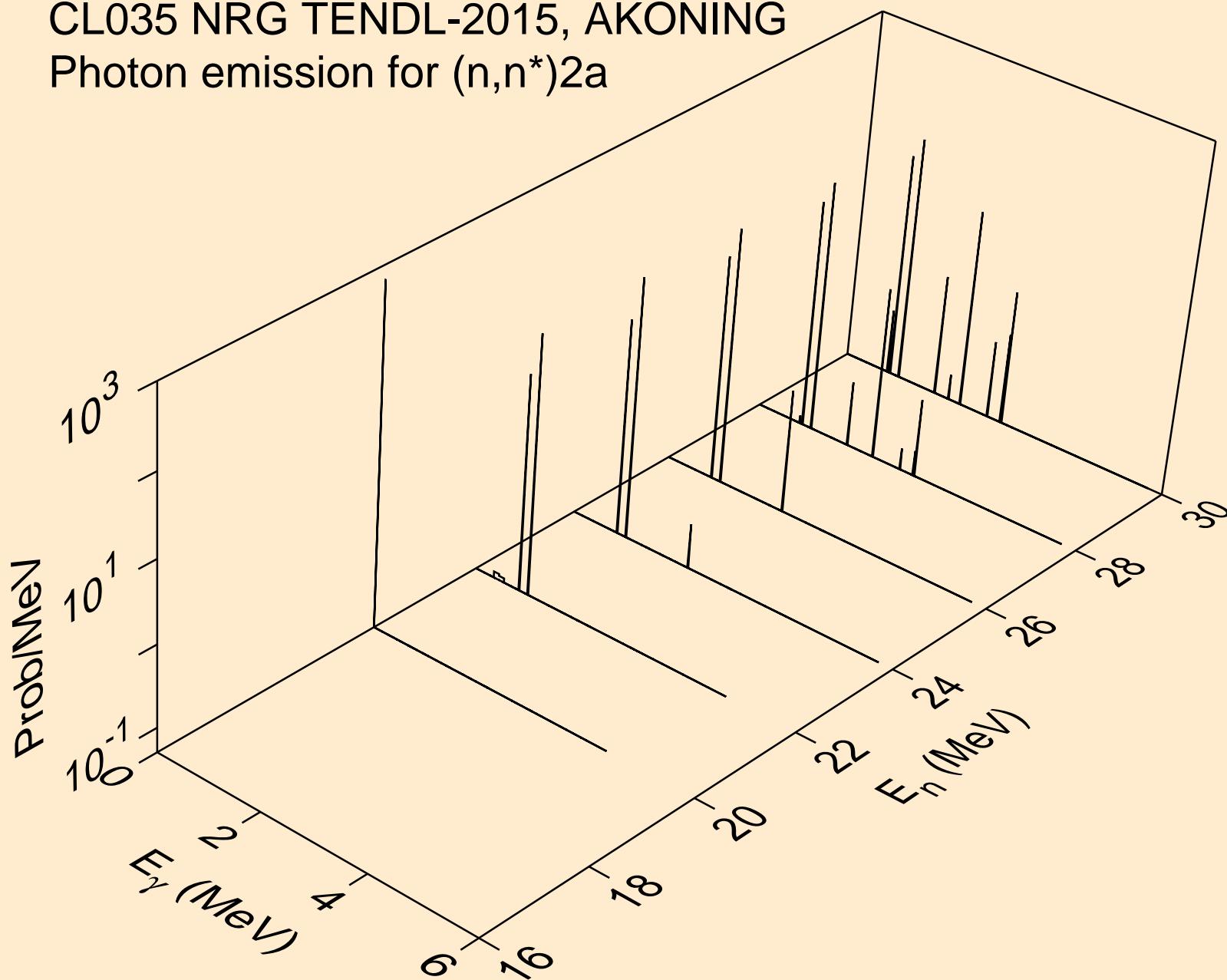
CL035 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



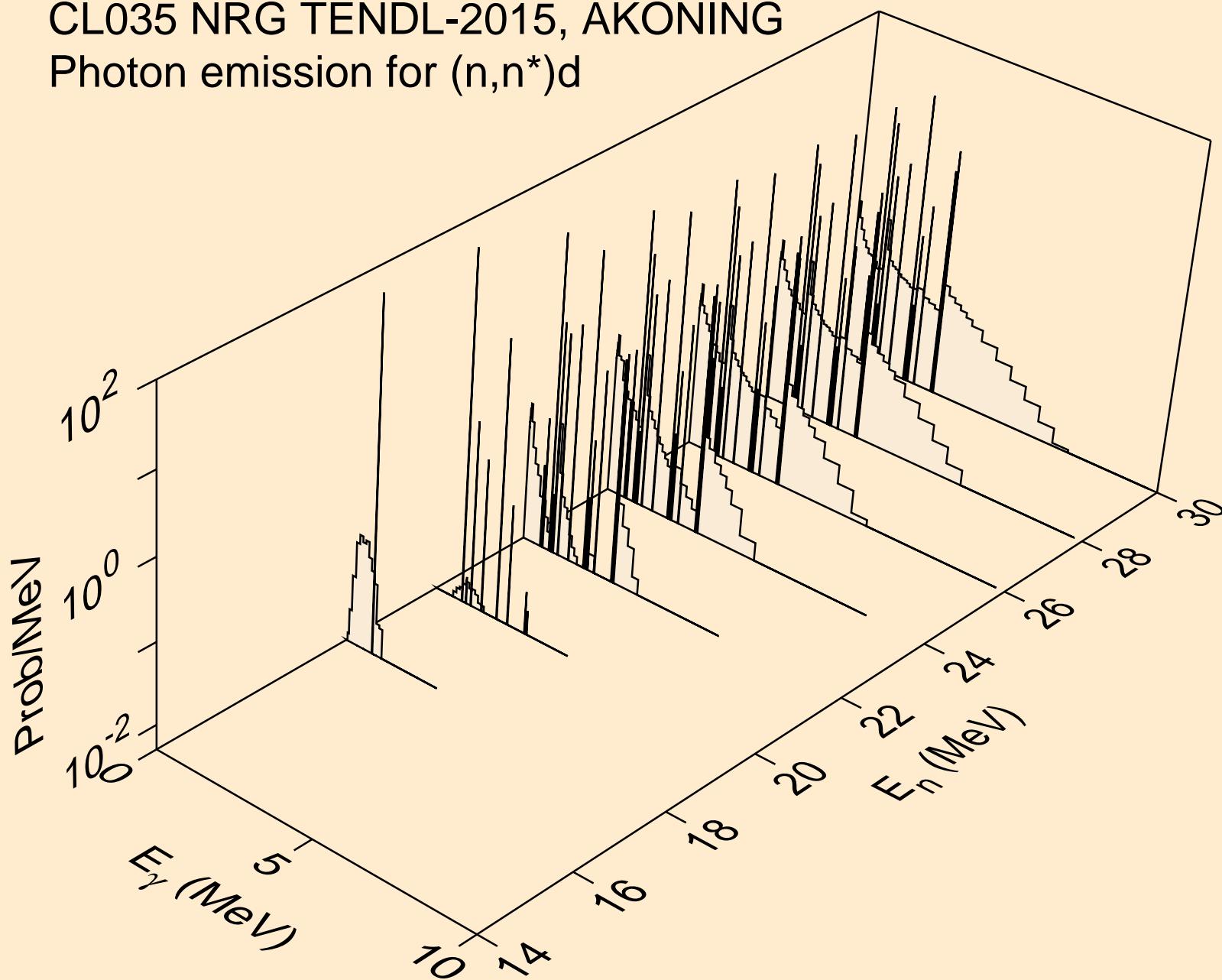
CL035 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)p$



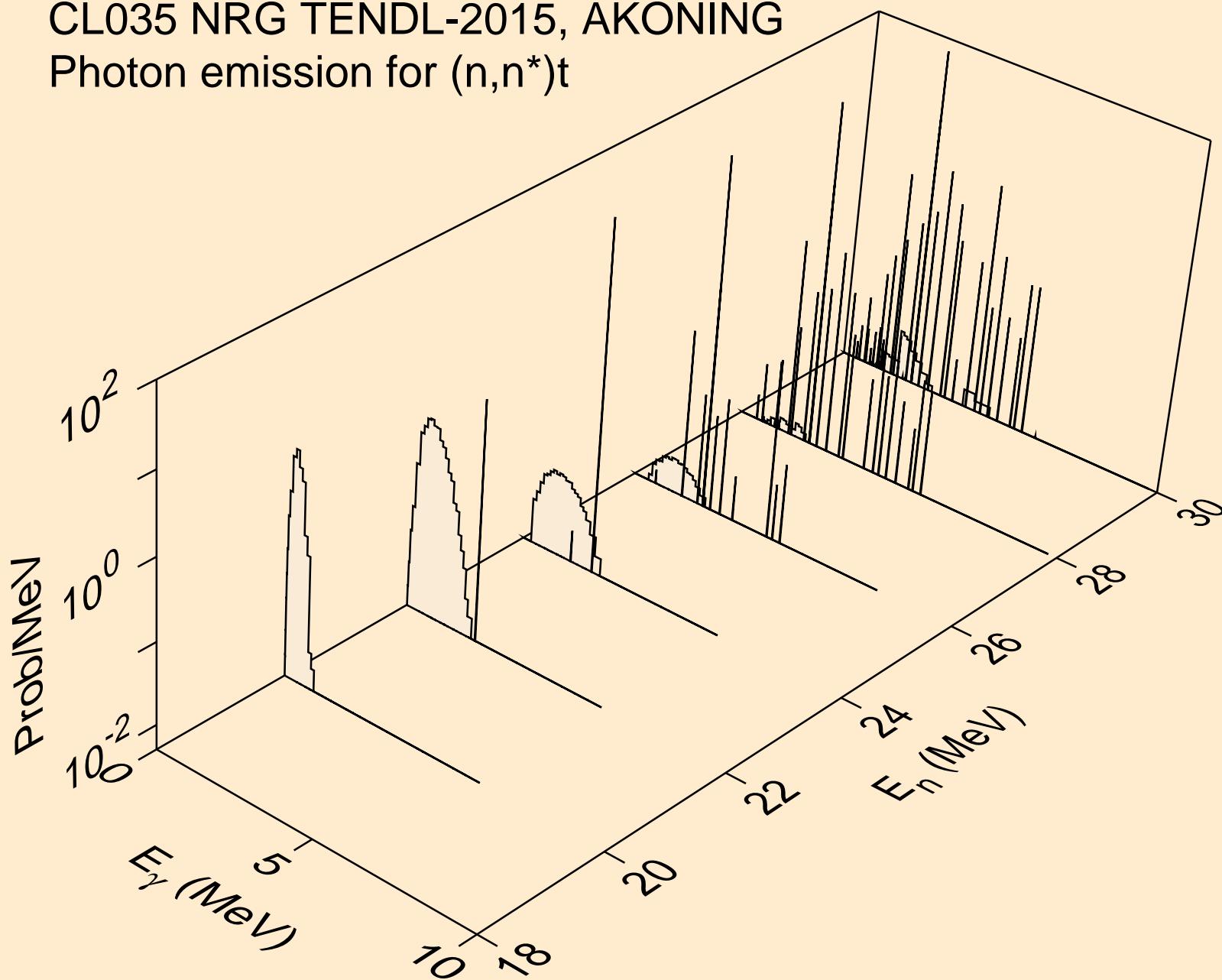
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Photon emission for  $(n,n^*)2a$



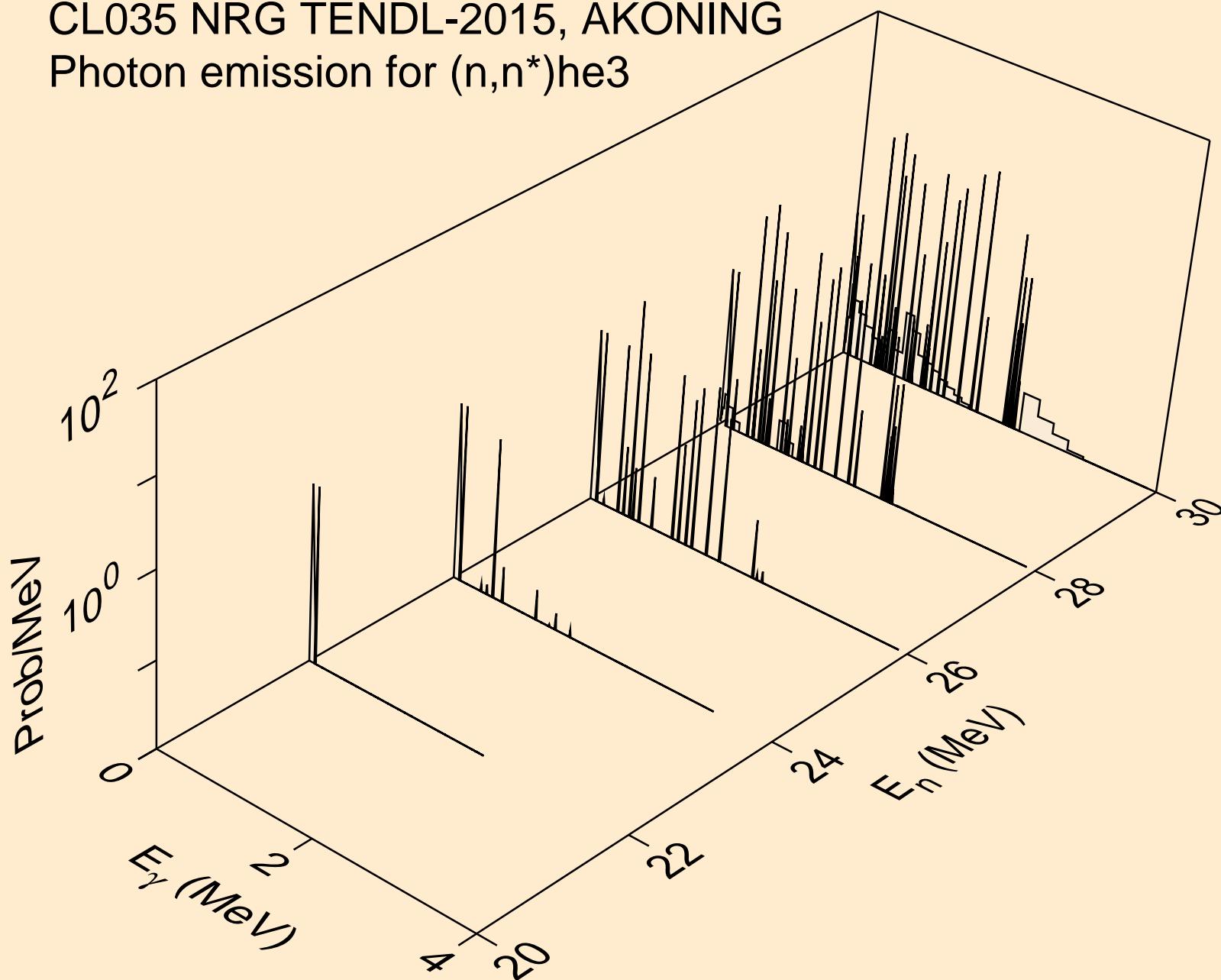
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Photon emission for  $(n,n^*)d$



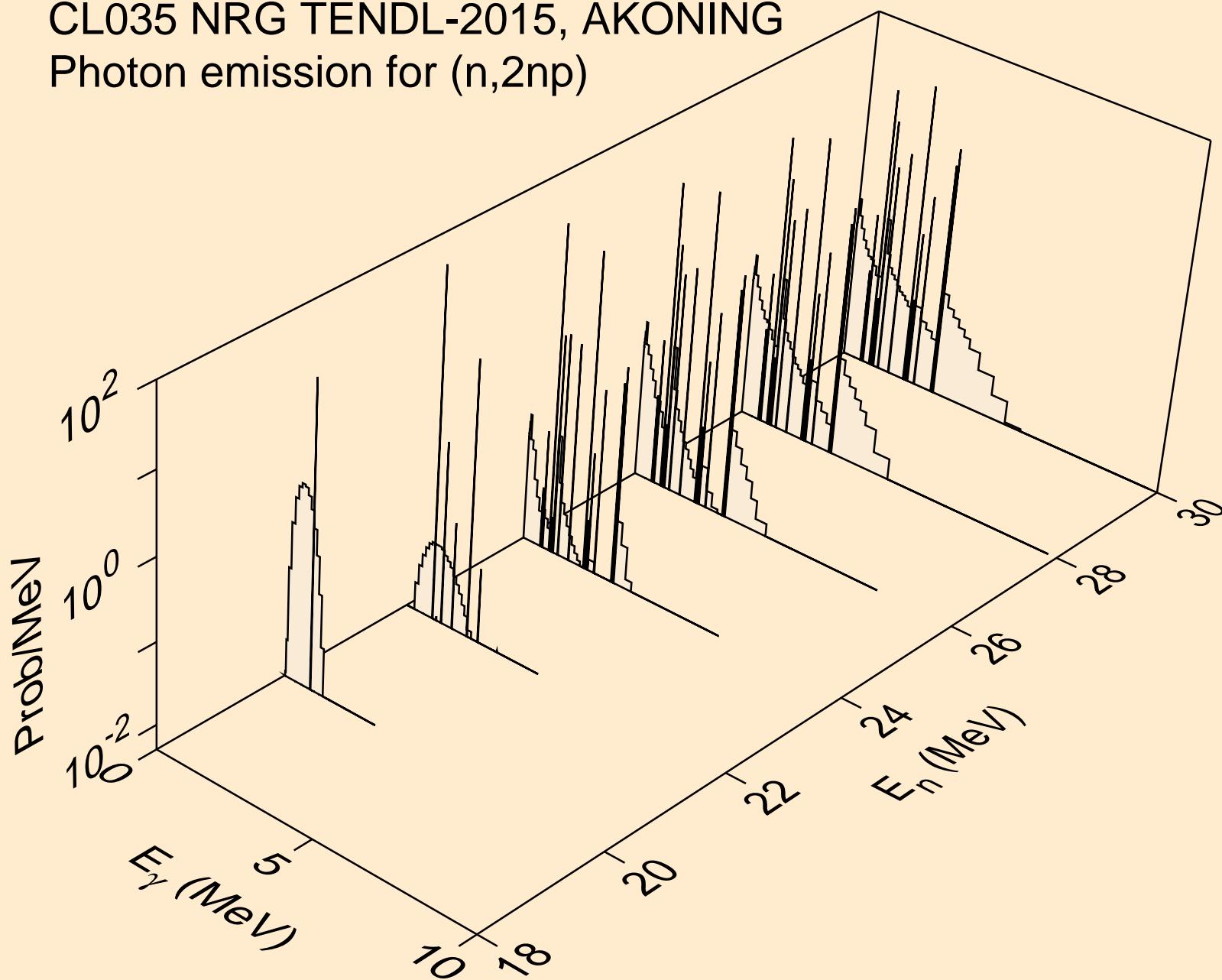
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Photon emission for  $(n,n^*)t$



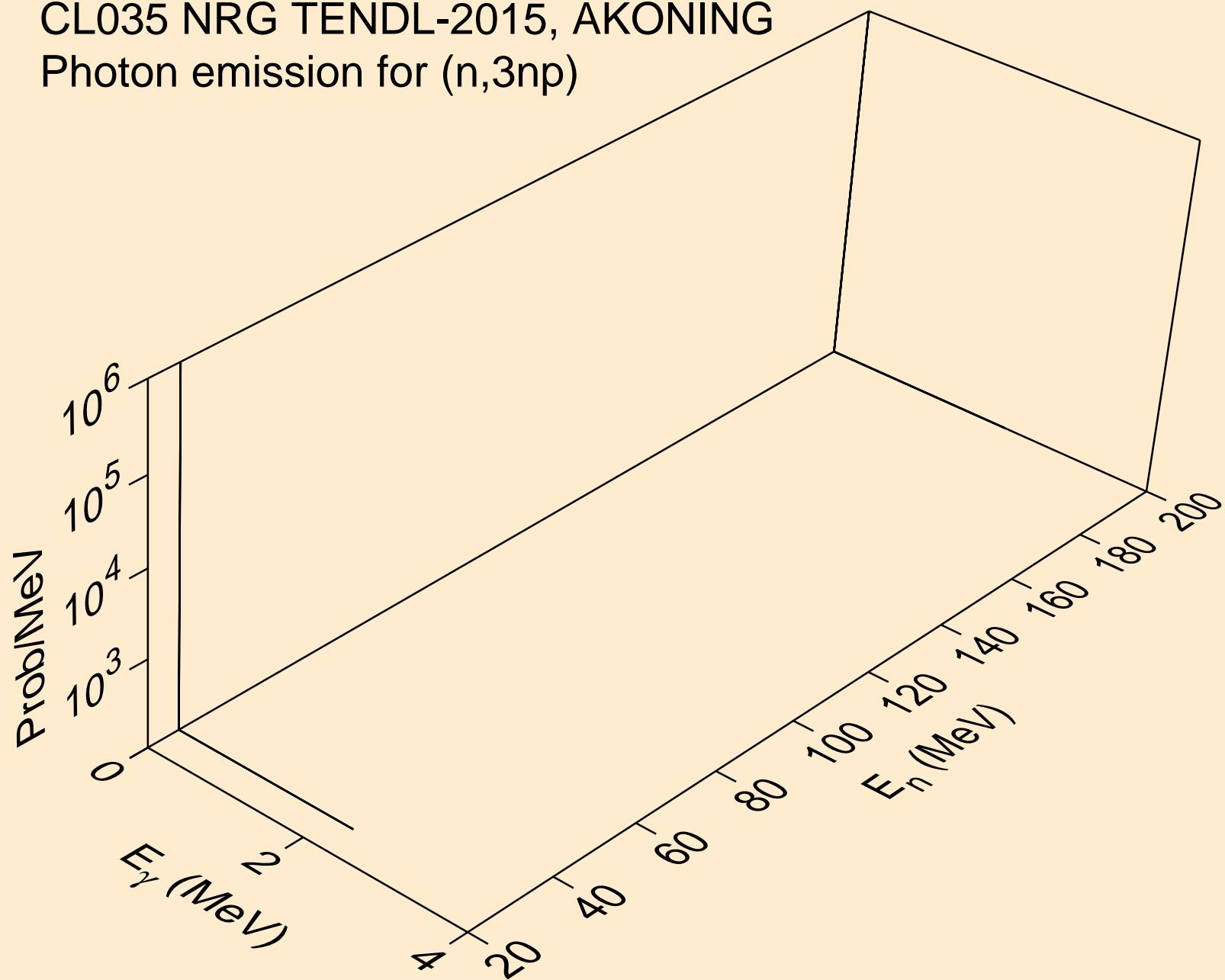
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Photon emission for  $(n,n^*)\text{he3}$



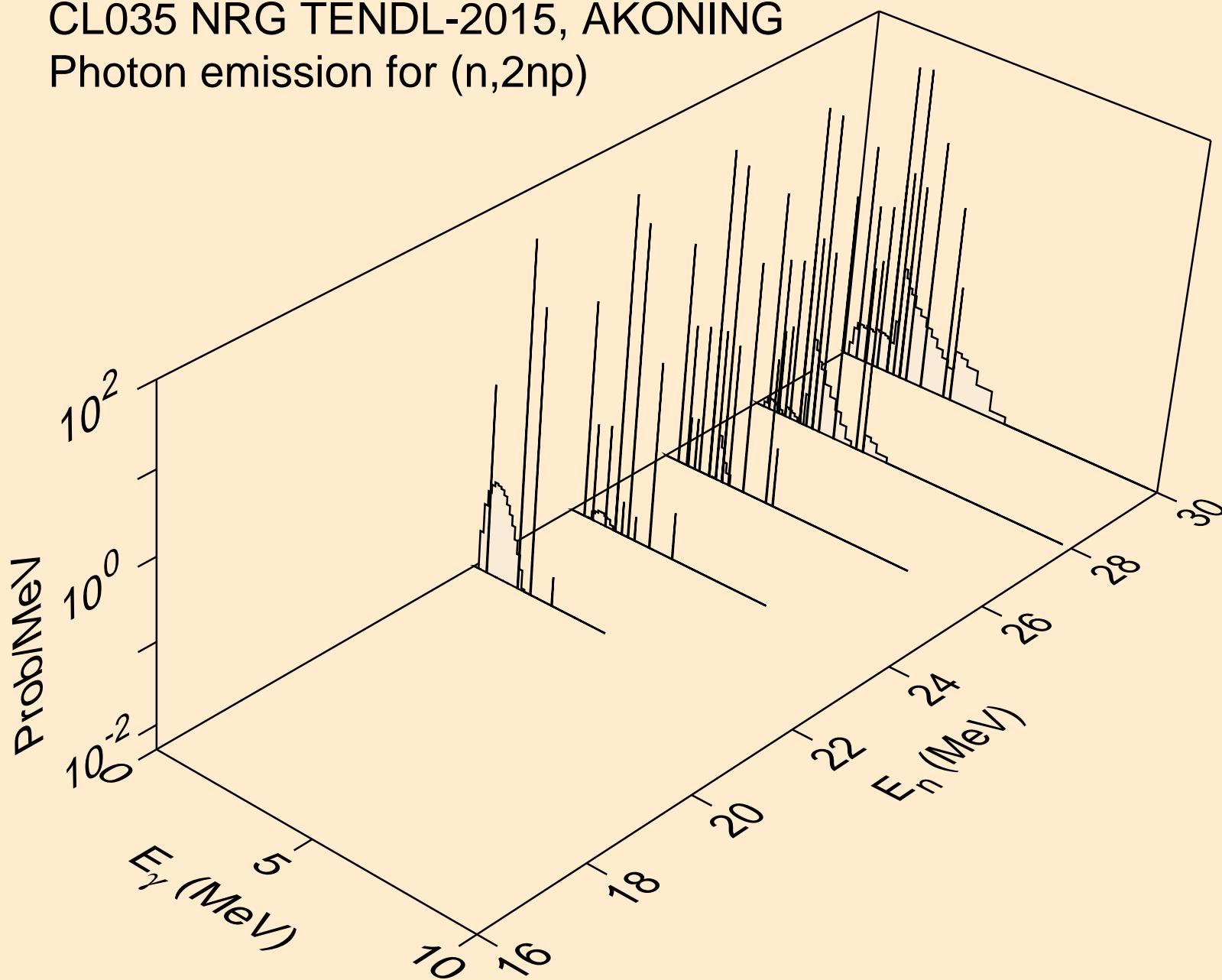
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Photon emission for (n,2np)



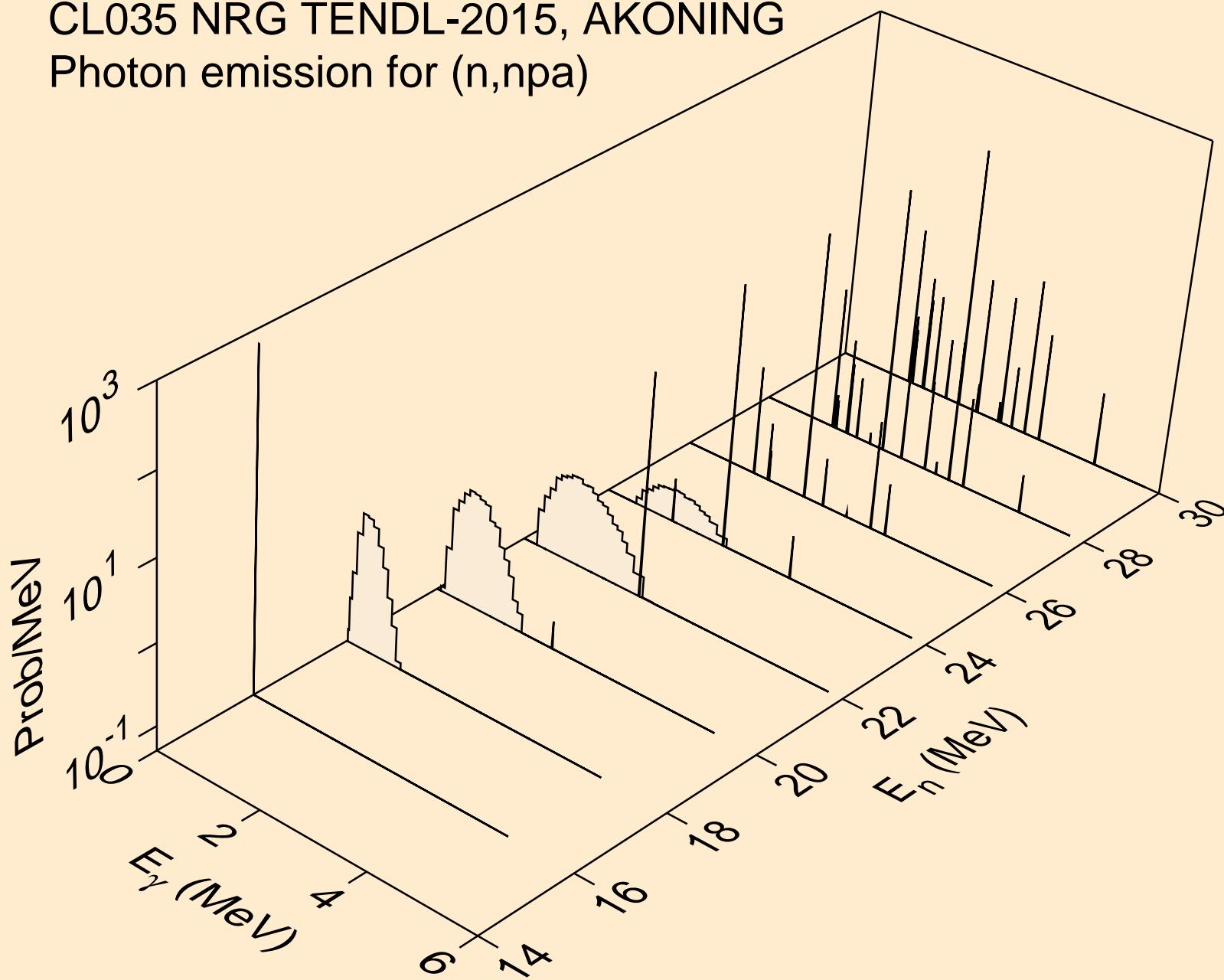
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Photon emission for (n,3np)



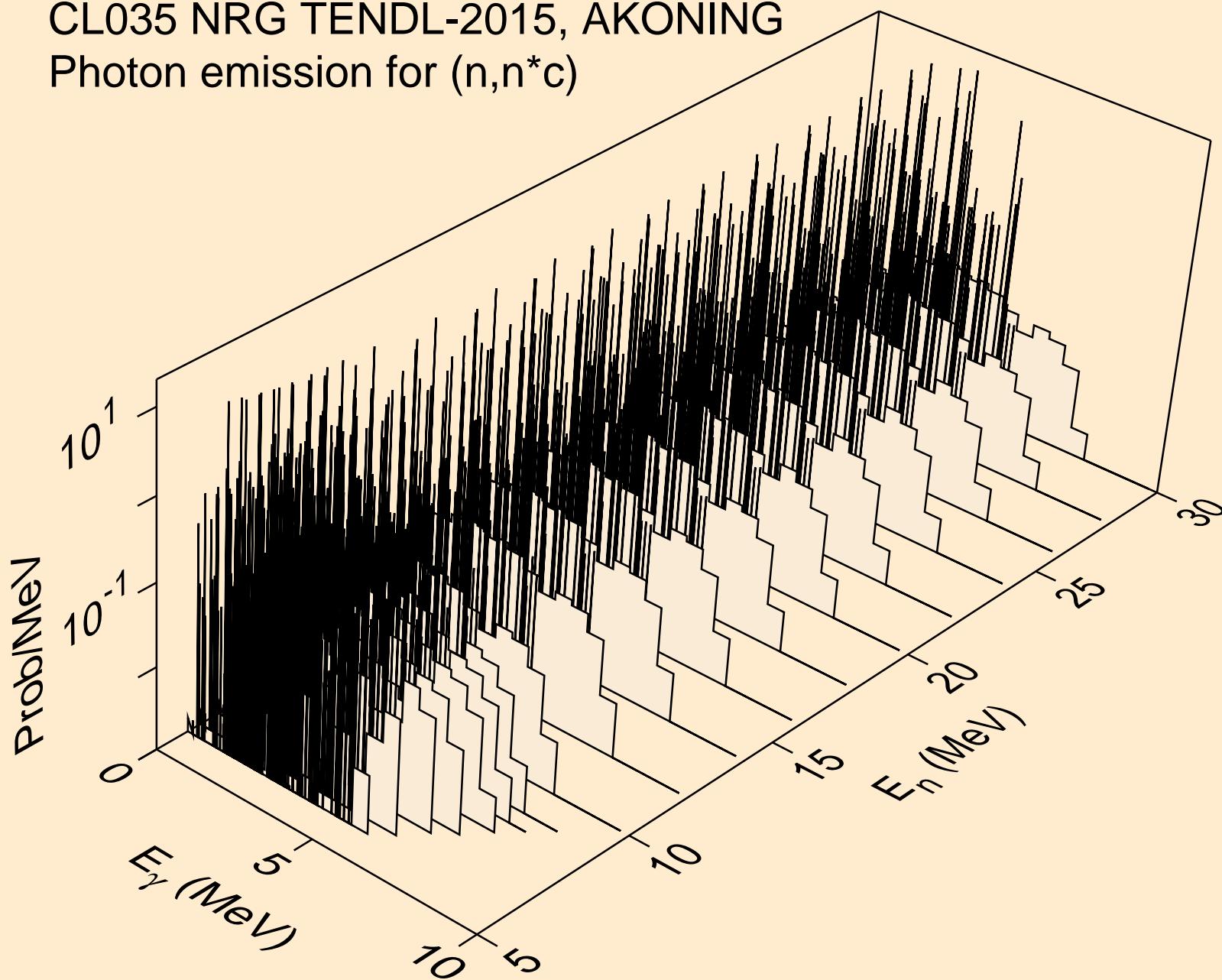
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Photon emission for (n,2np)



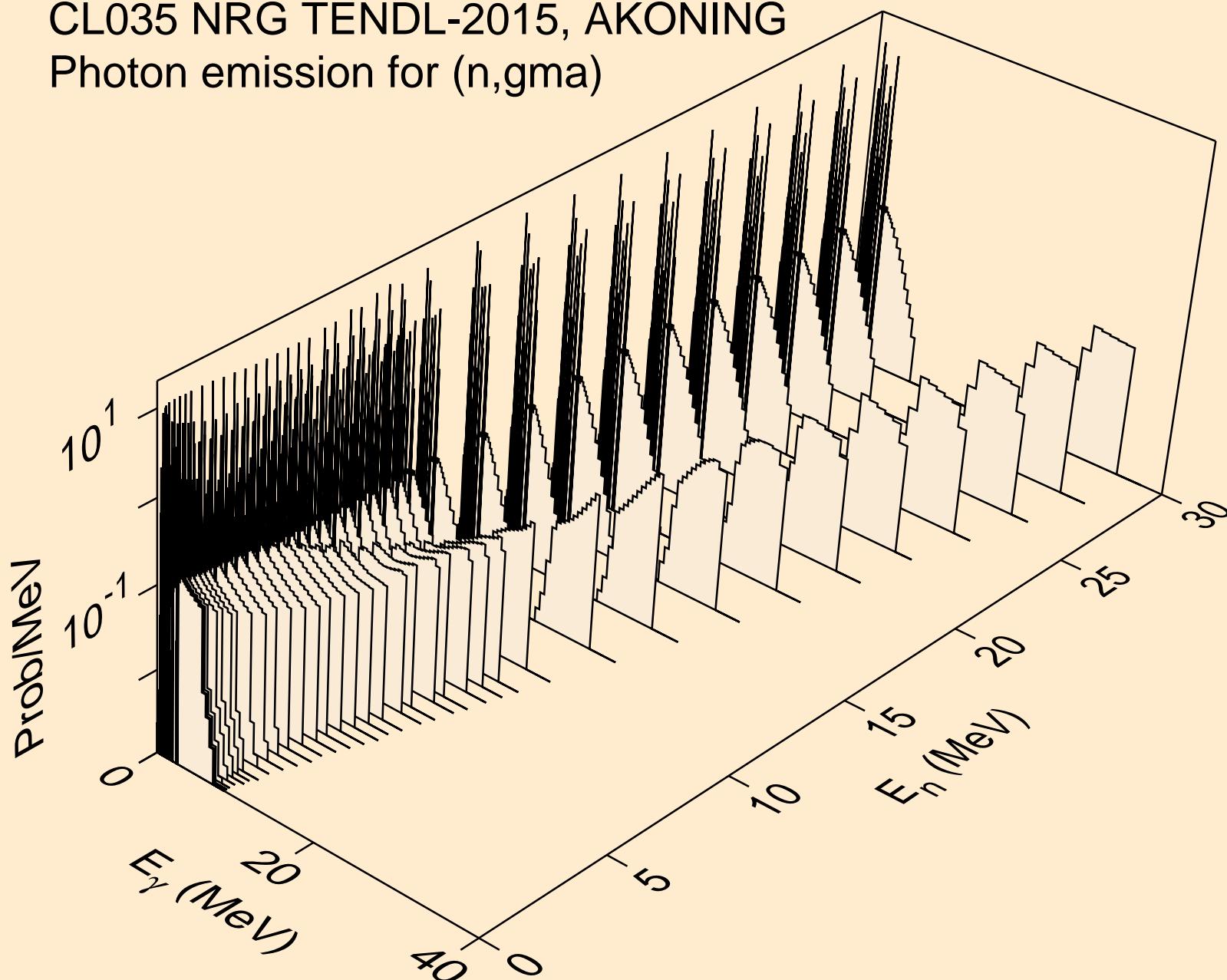
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Photon emission for (n,npa)



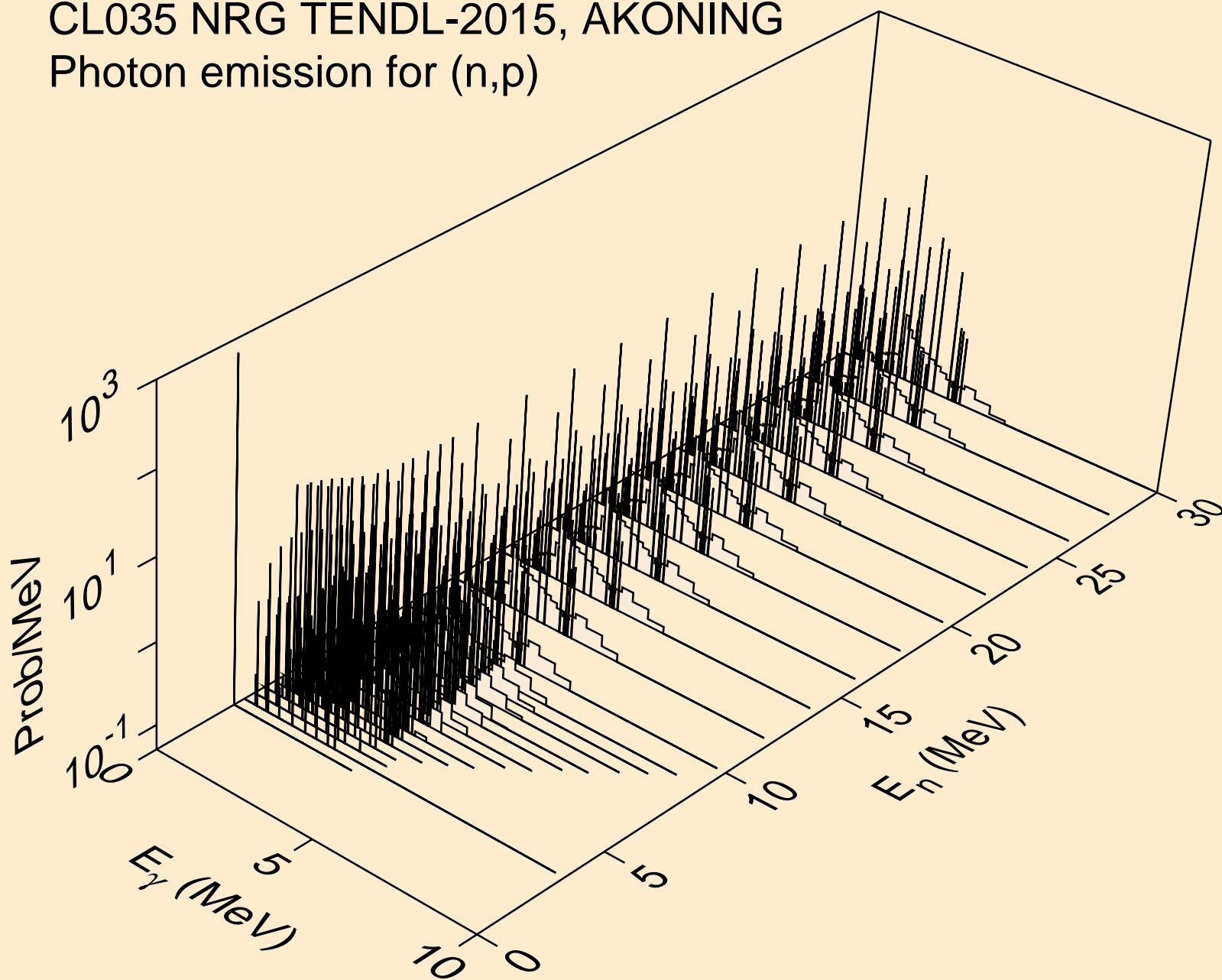
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Photon emission for (n,n\*c)



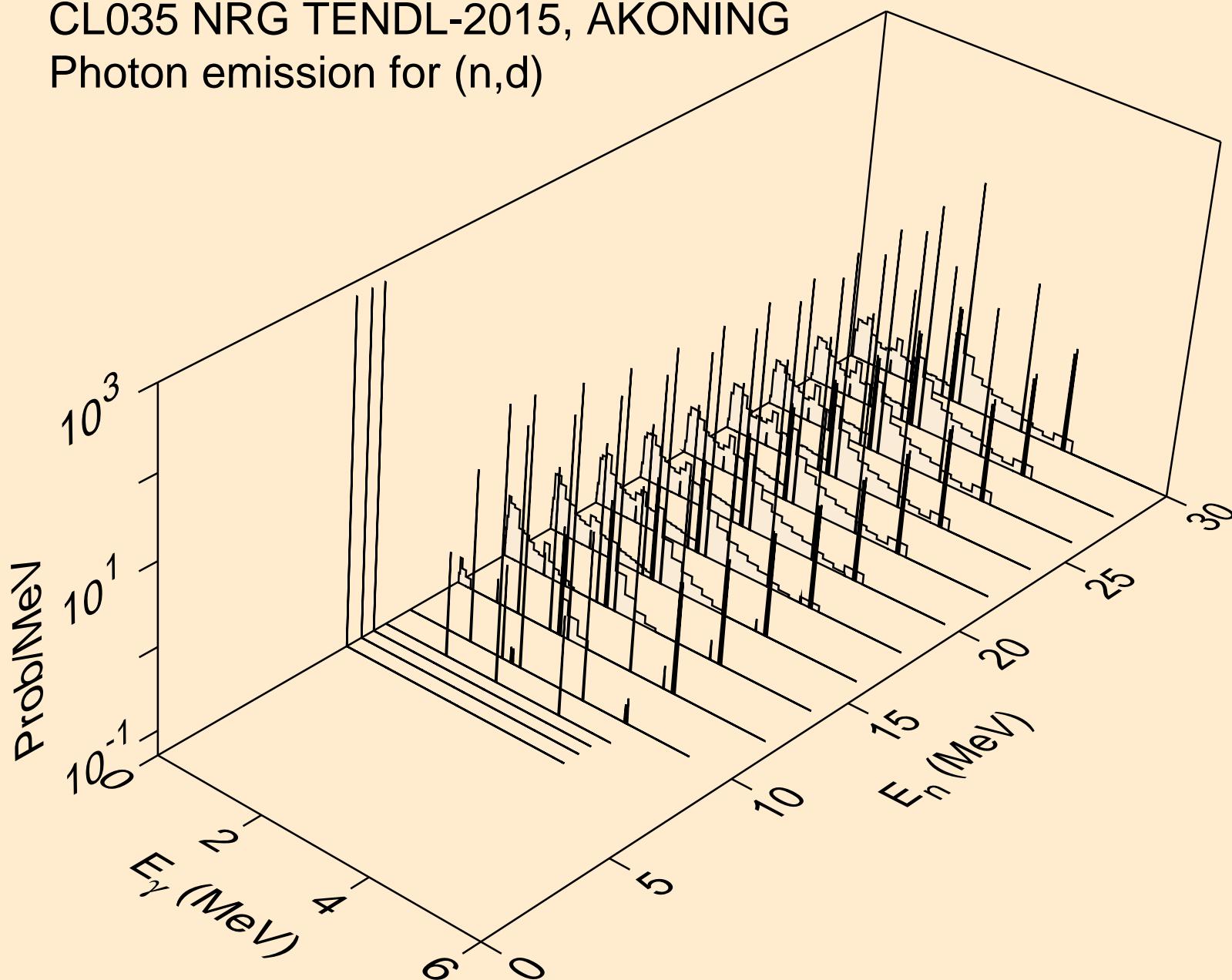
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Photon emission for (n,gma)



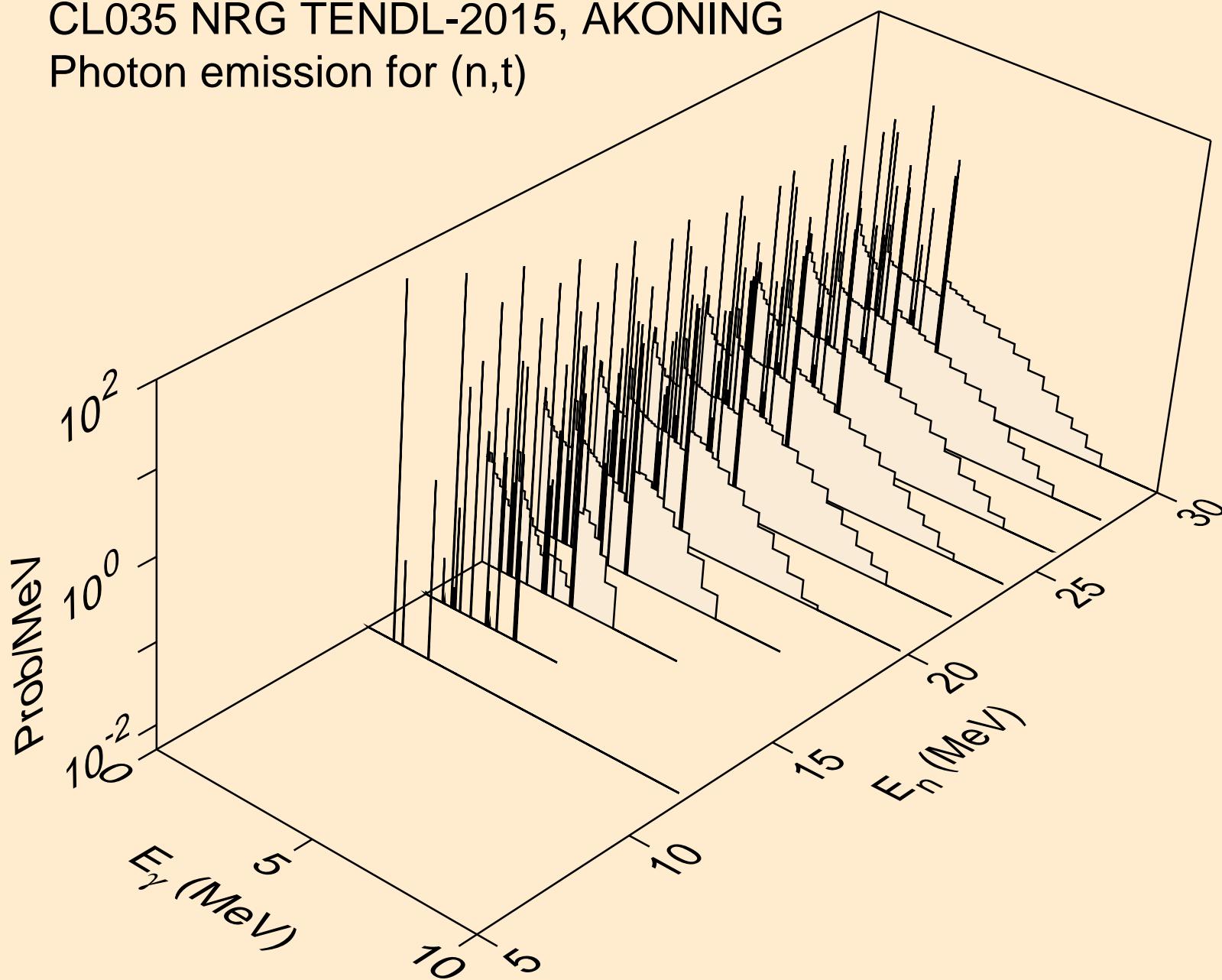
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Photon emission for (n,p)



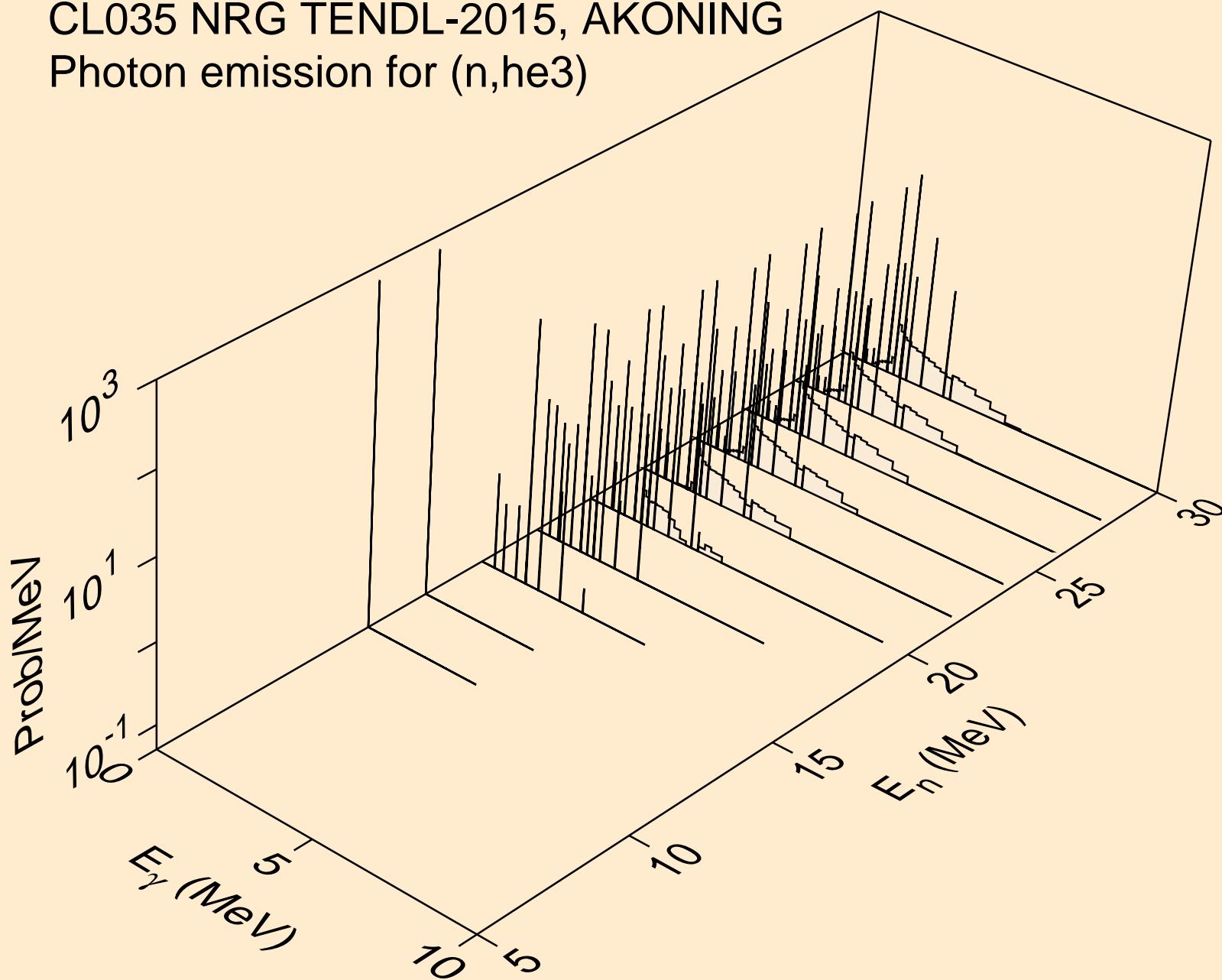
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Photon emission for (n,d)



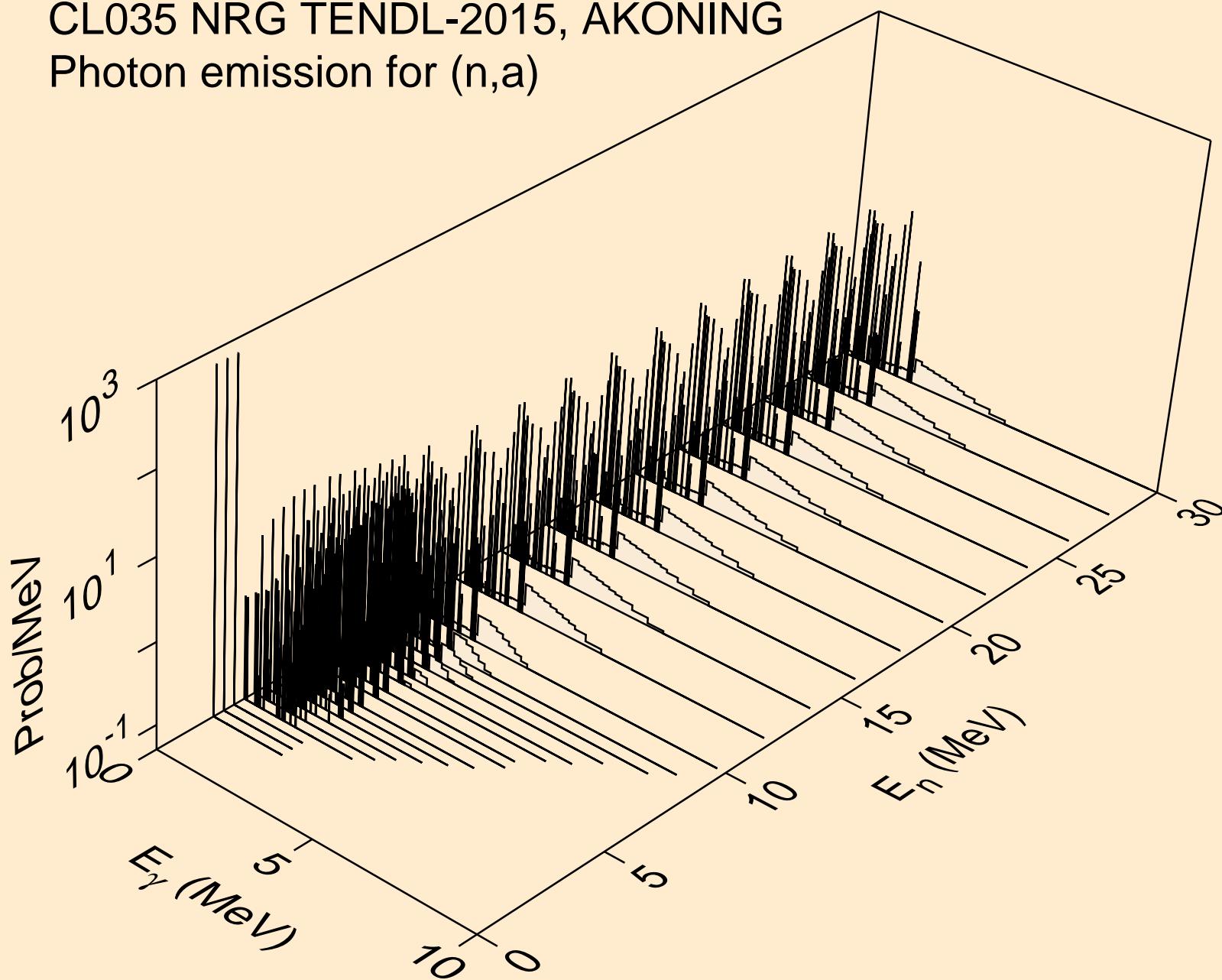
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Photon emission for (n,t)



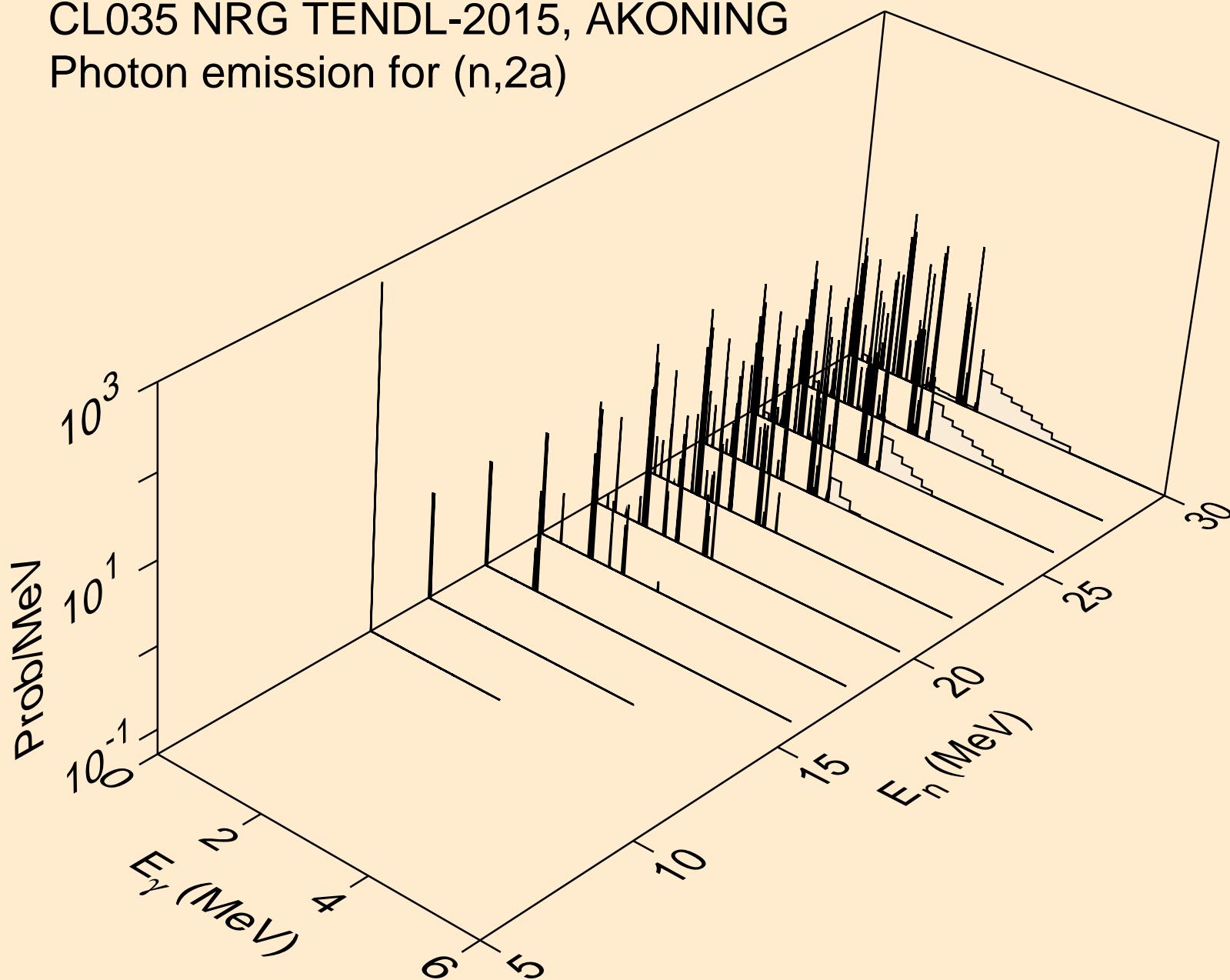
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Photon emission for (n,he3)



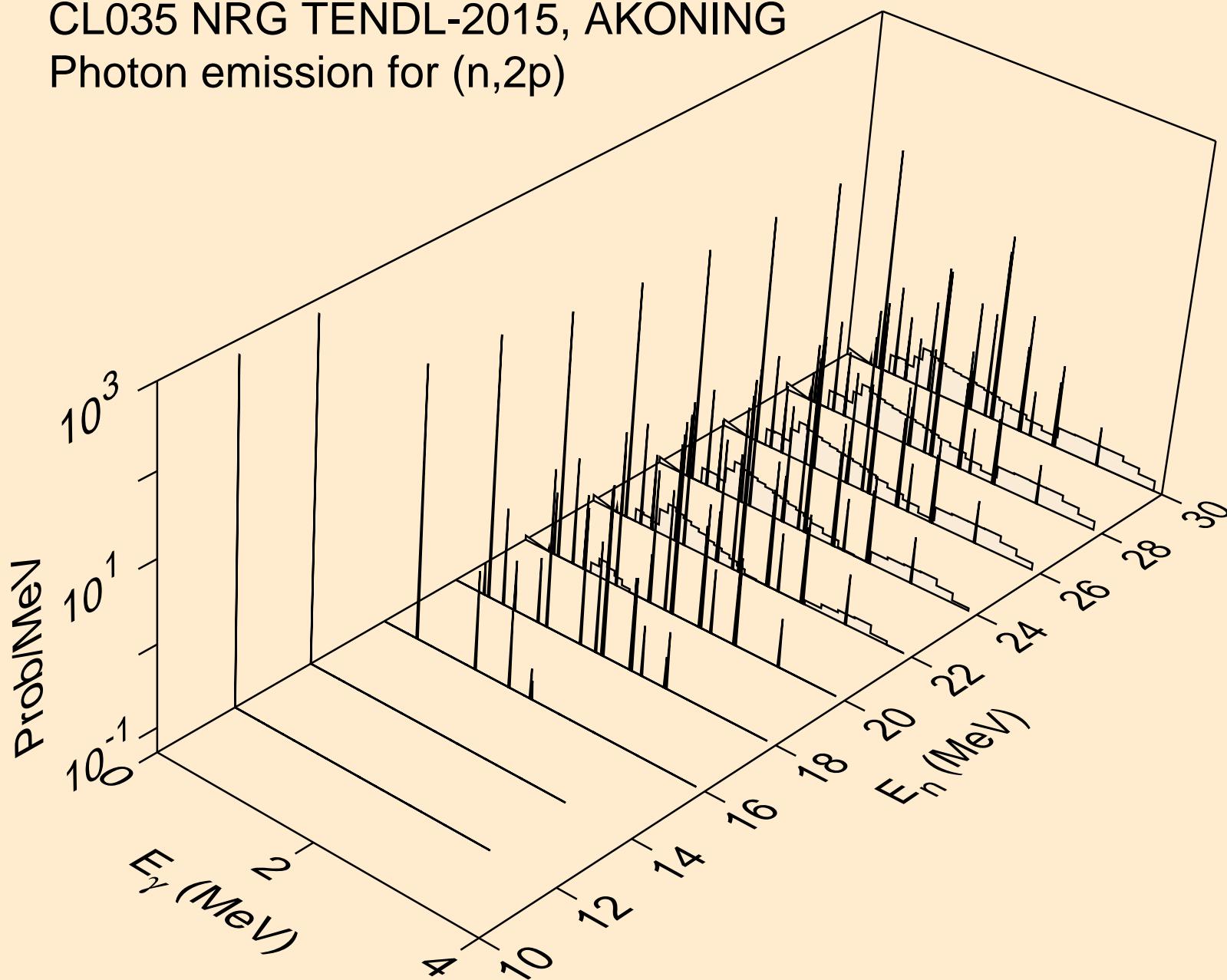
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Photon emission for (n,a)



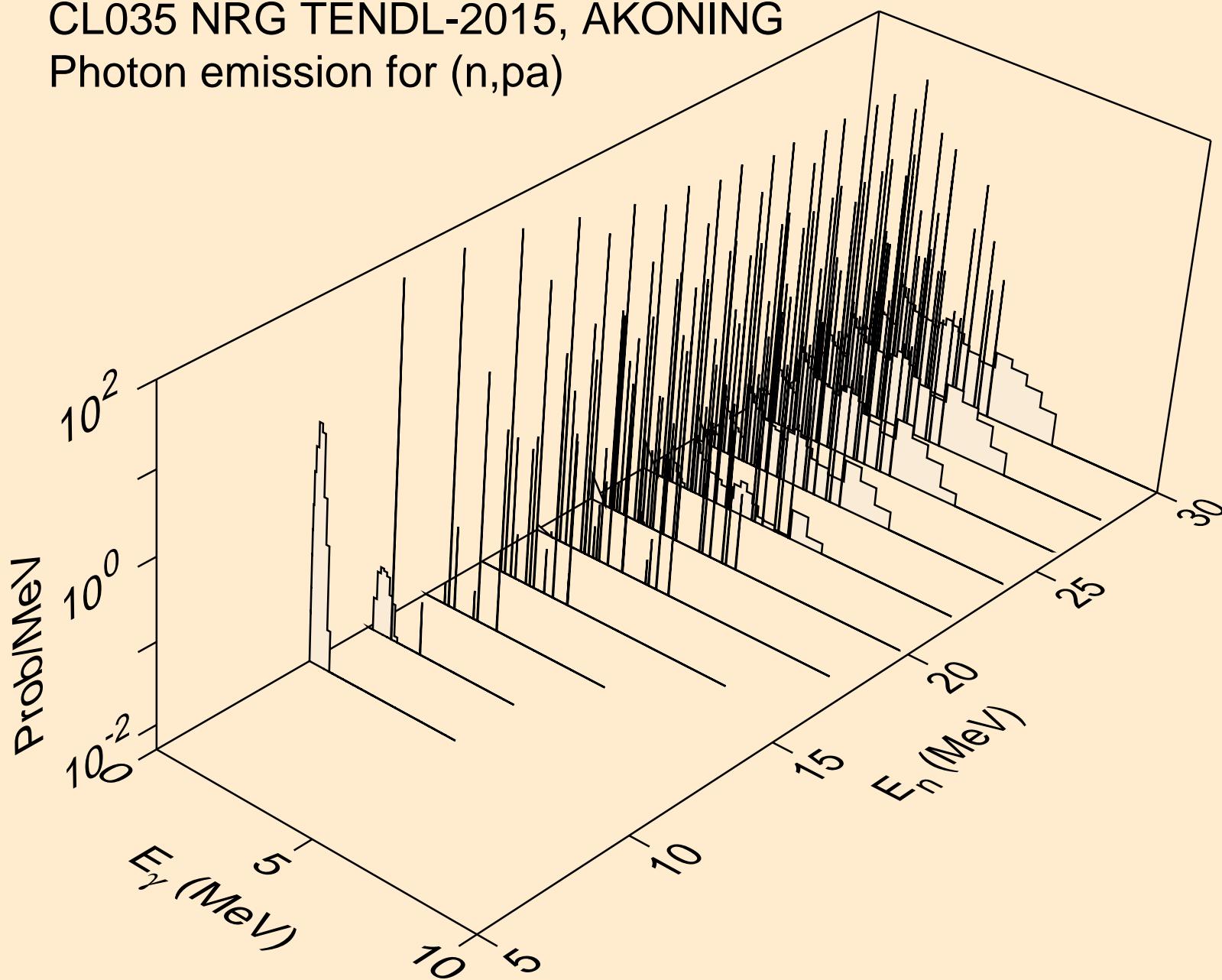
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Photon emission for (n,2a)



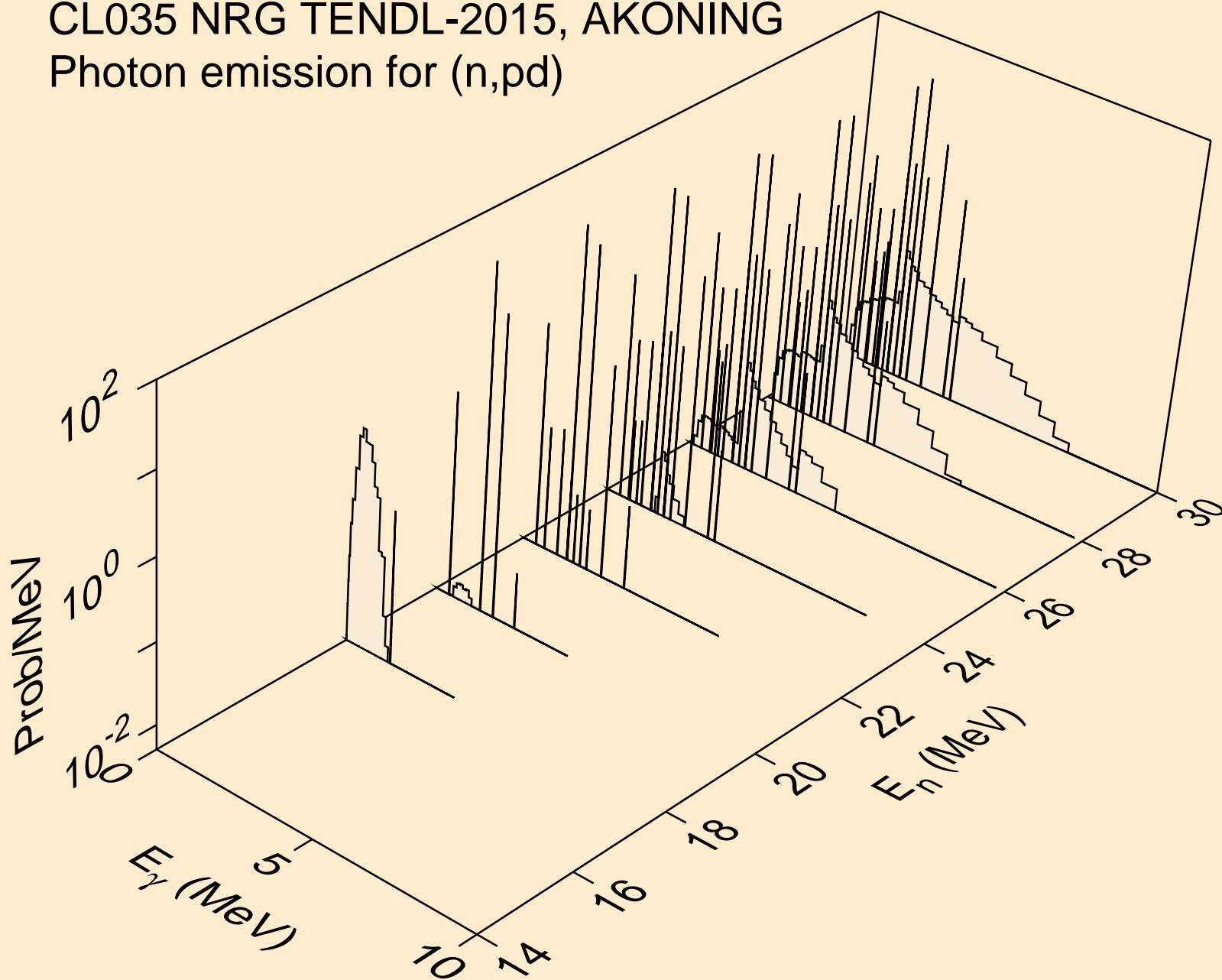
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Photon emission for (n,2p)



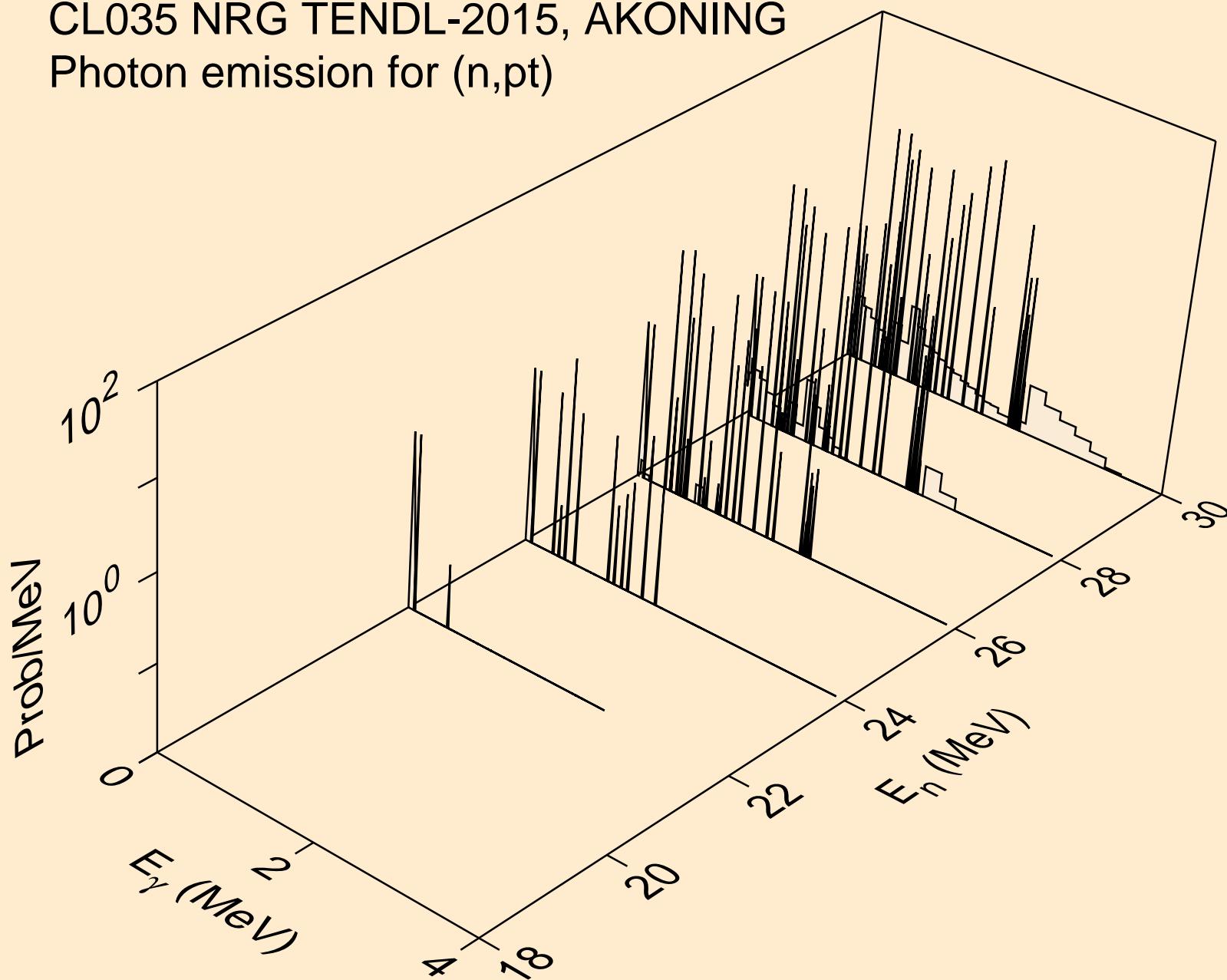
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Photon emission for (n,pa)



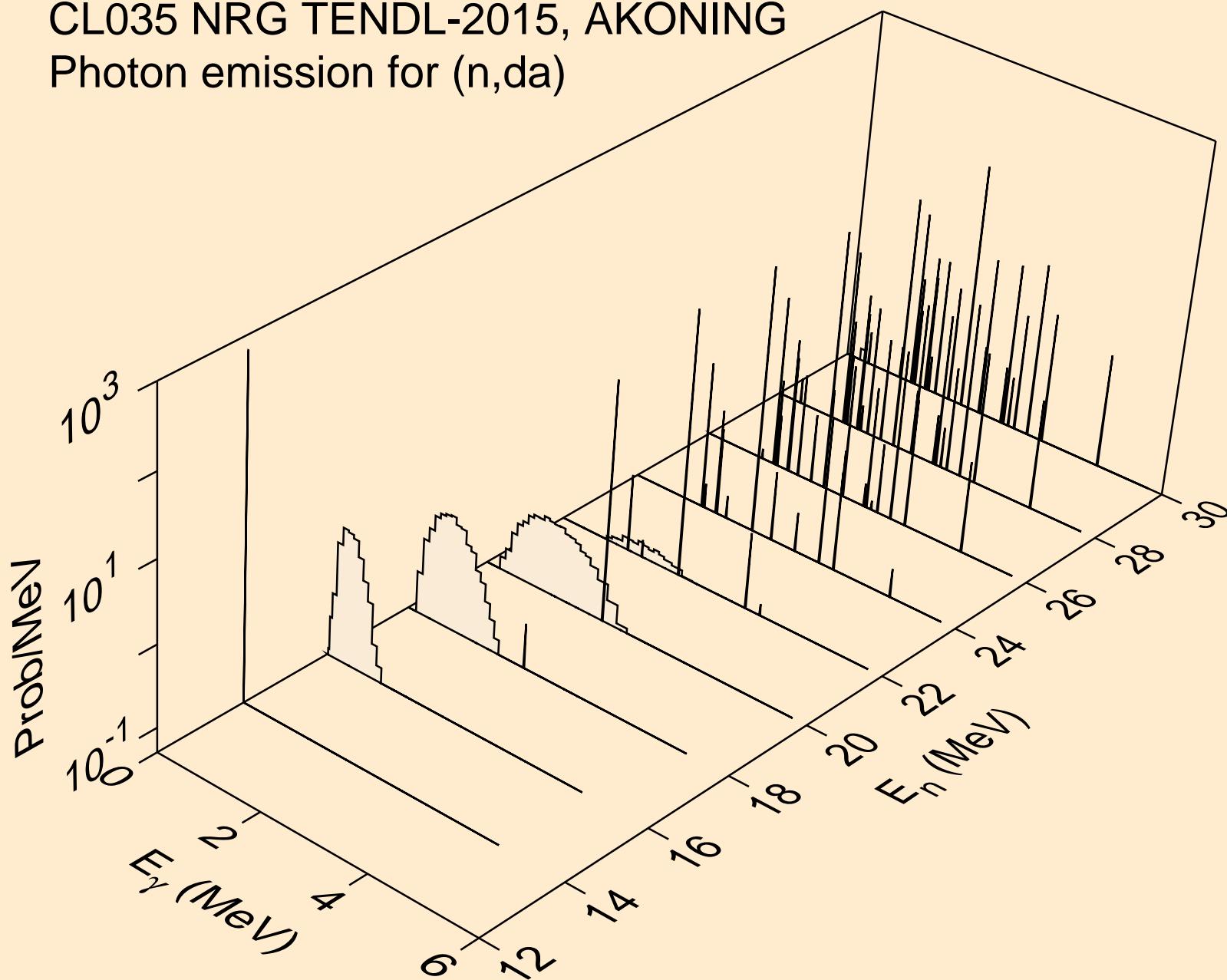
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Photon emission for (n,pd)



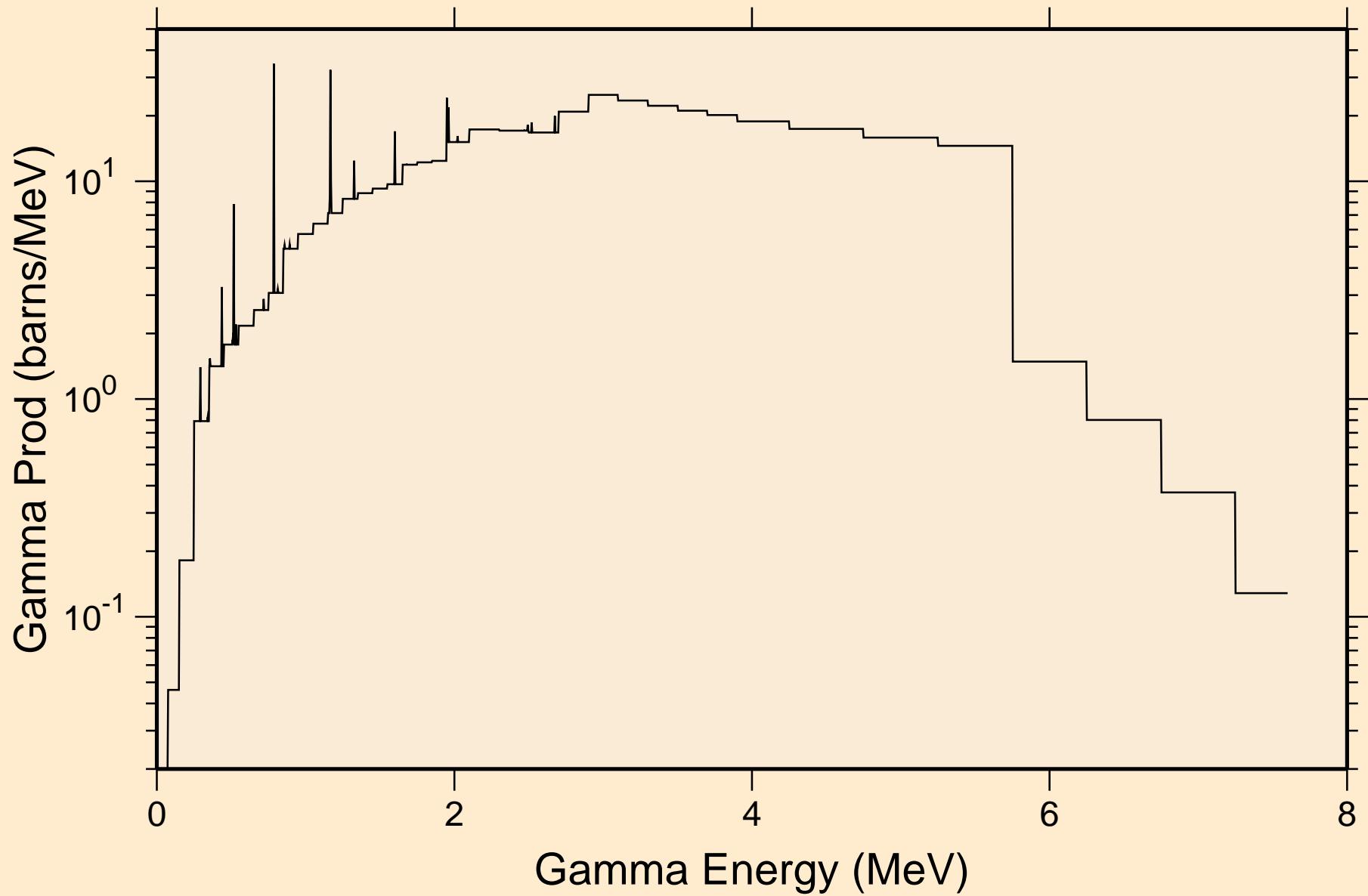
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Photon emission for (n,pt)



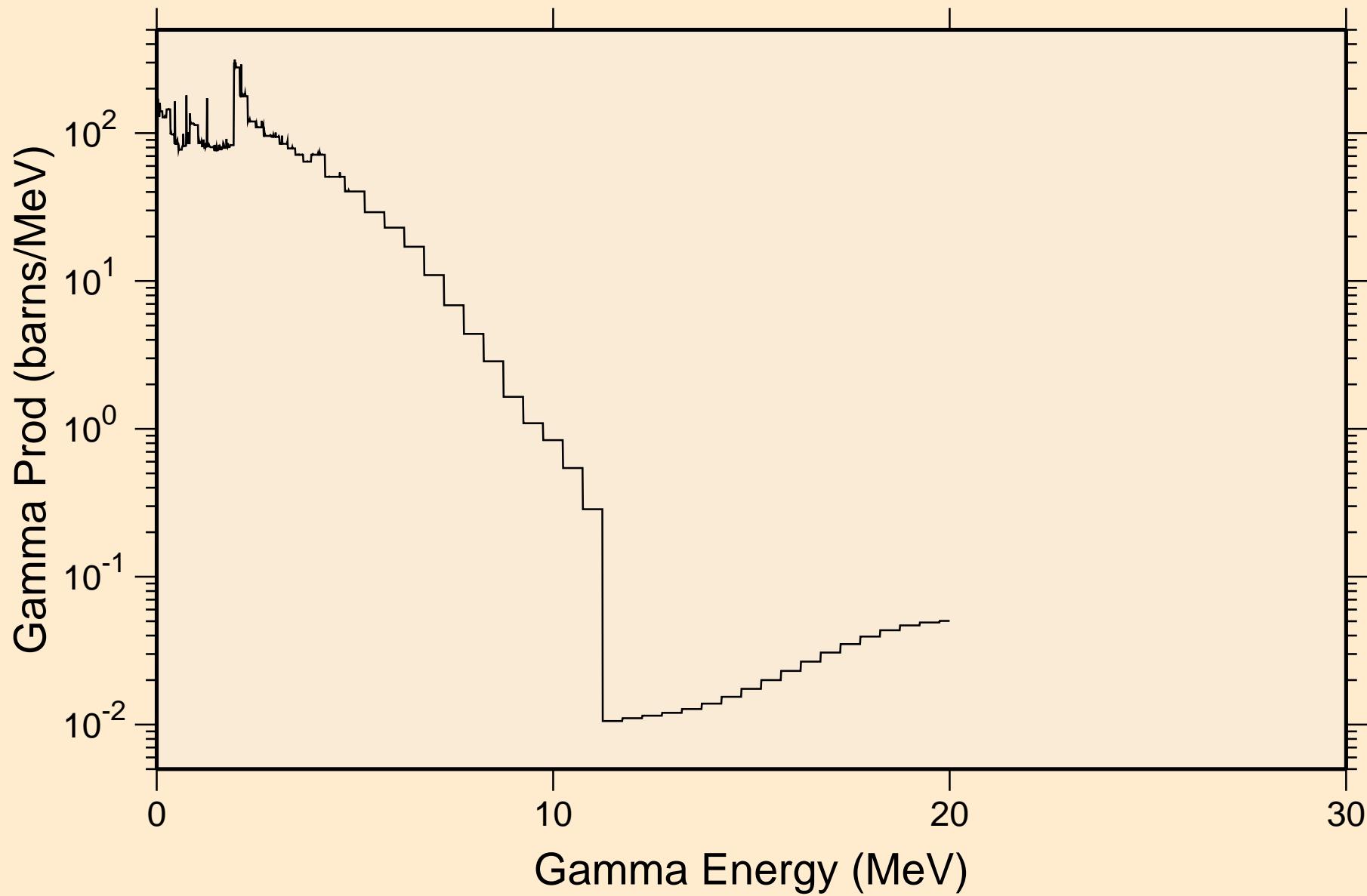
CL035 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



CL035 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

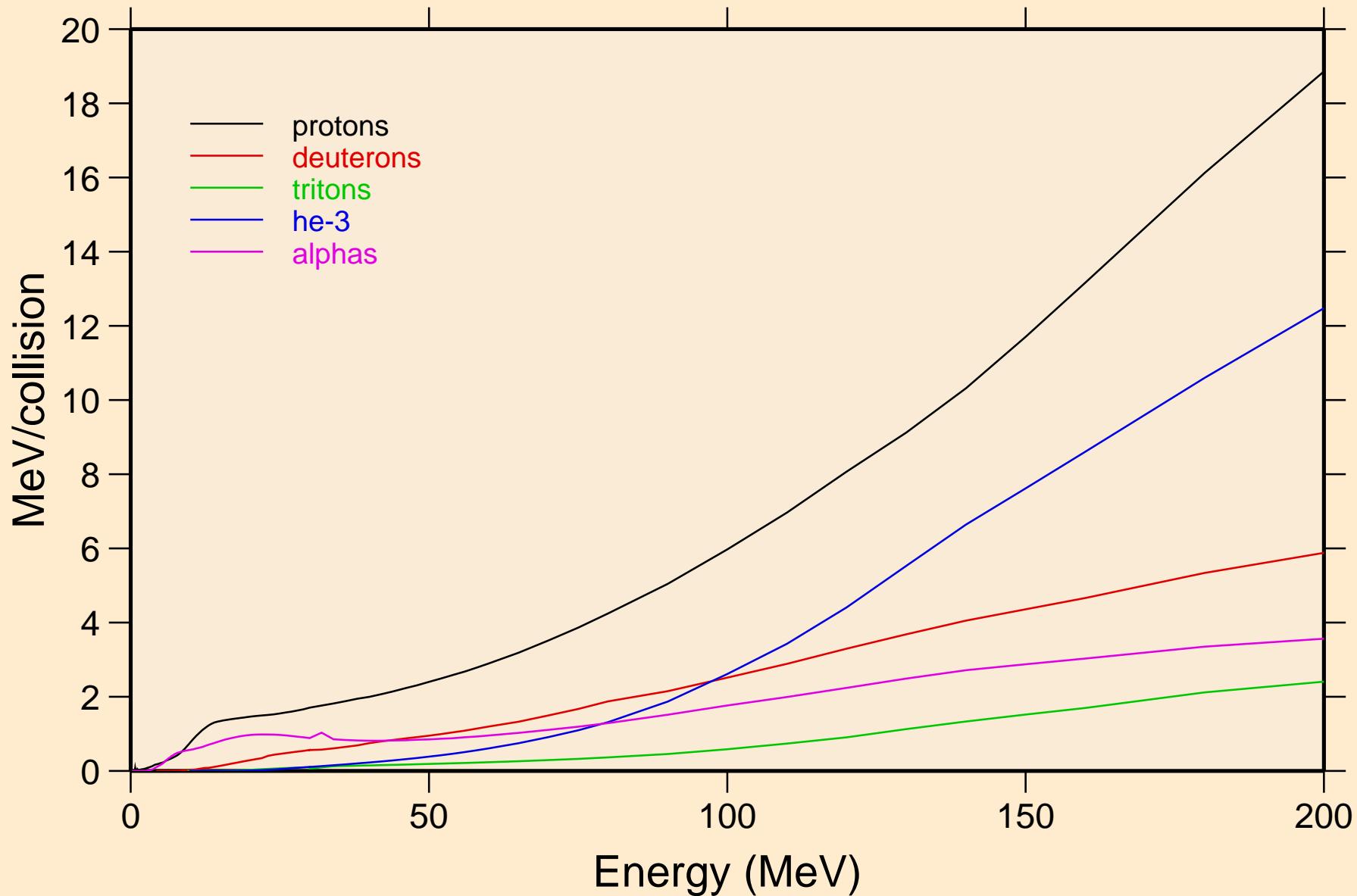


CL035 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



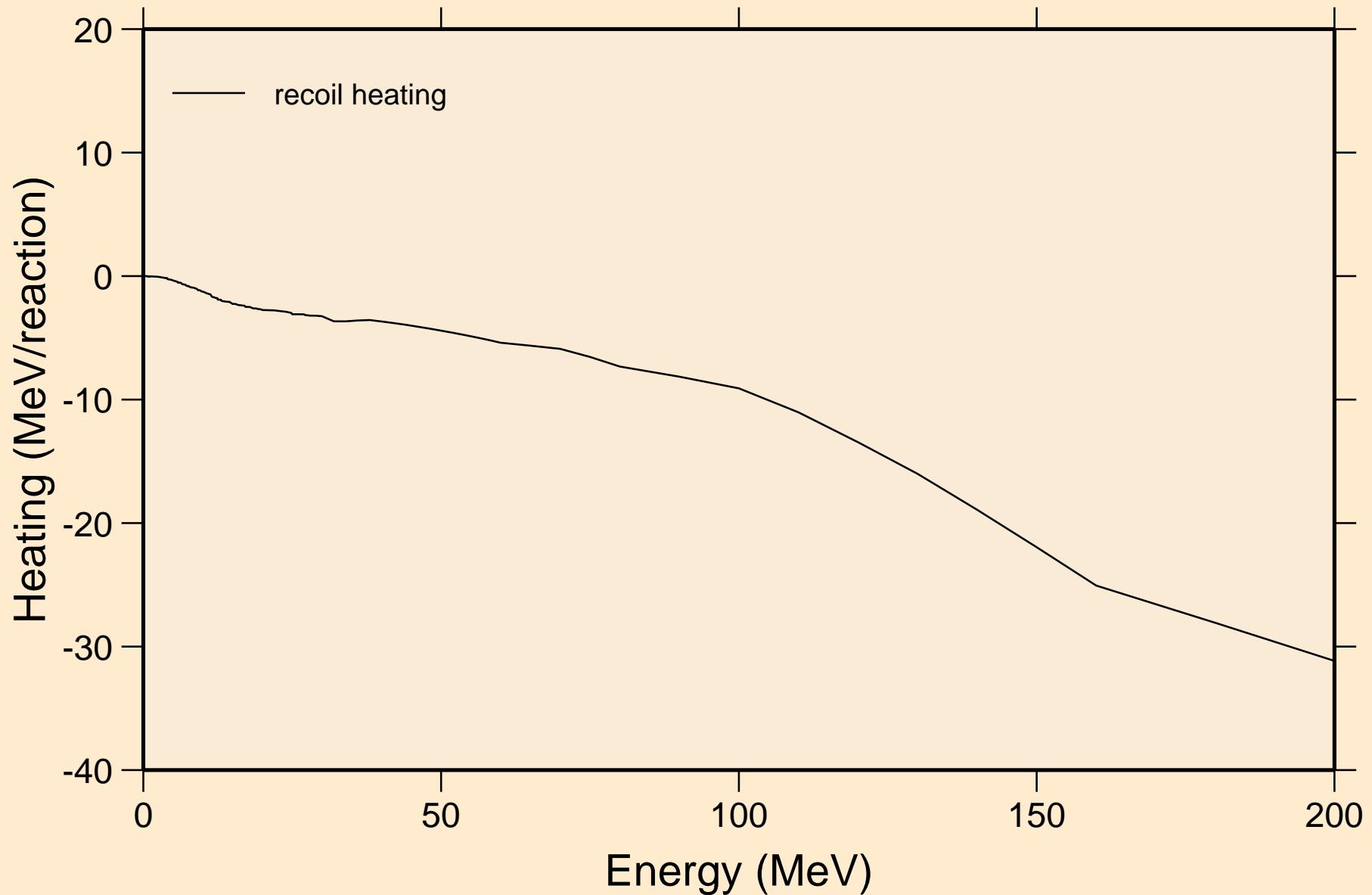
# CL035 NRG TENDL-2015, AKONING

## Particle heating contributions



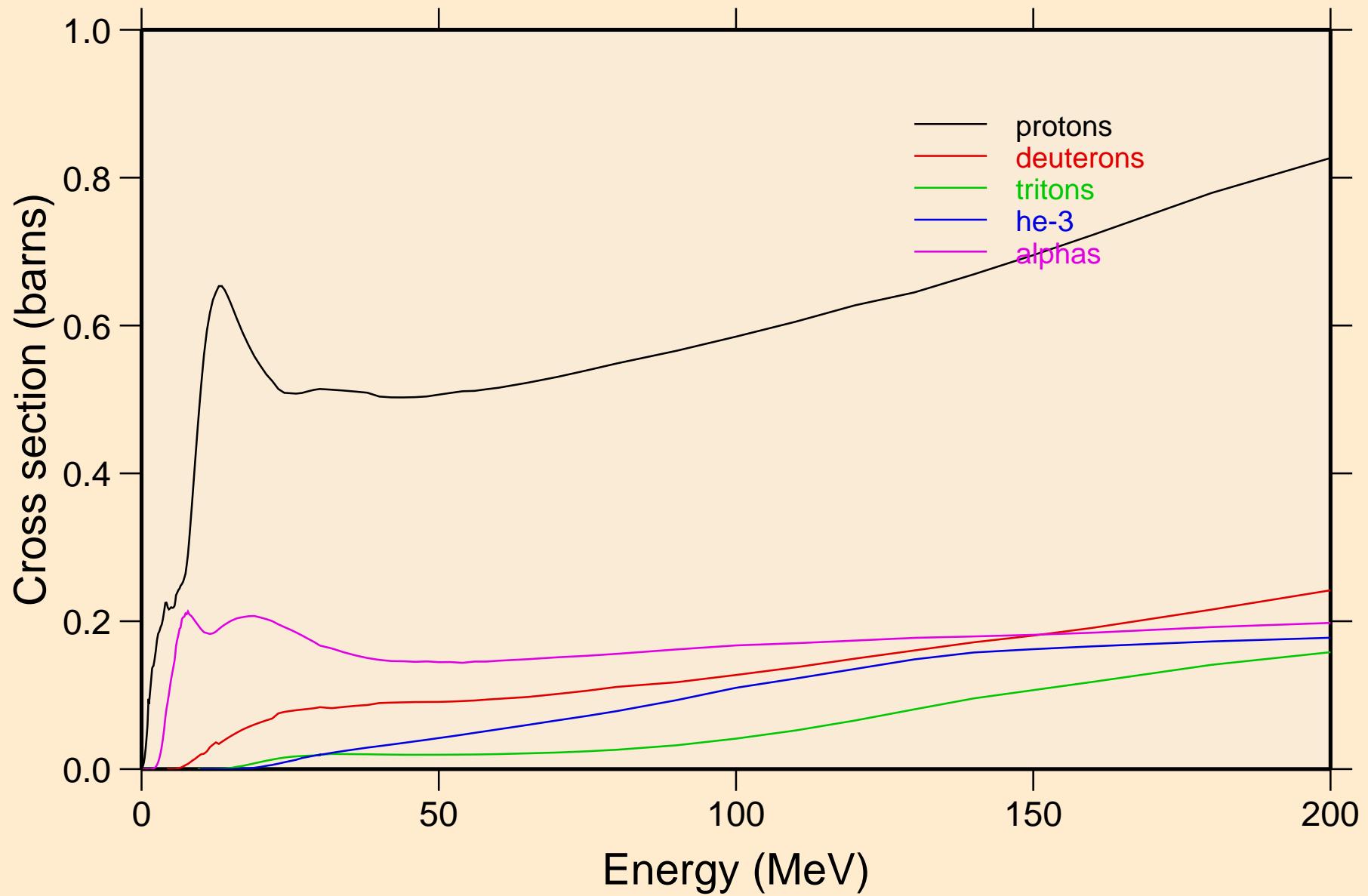
# CL035 NRG TENDL-2015, AKONING

## Recoil Heating

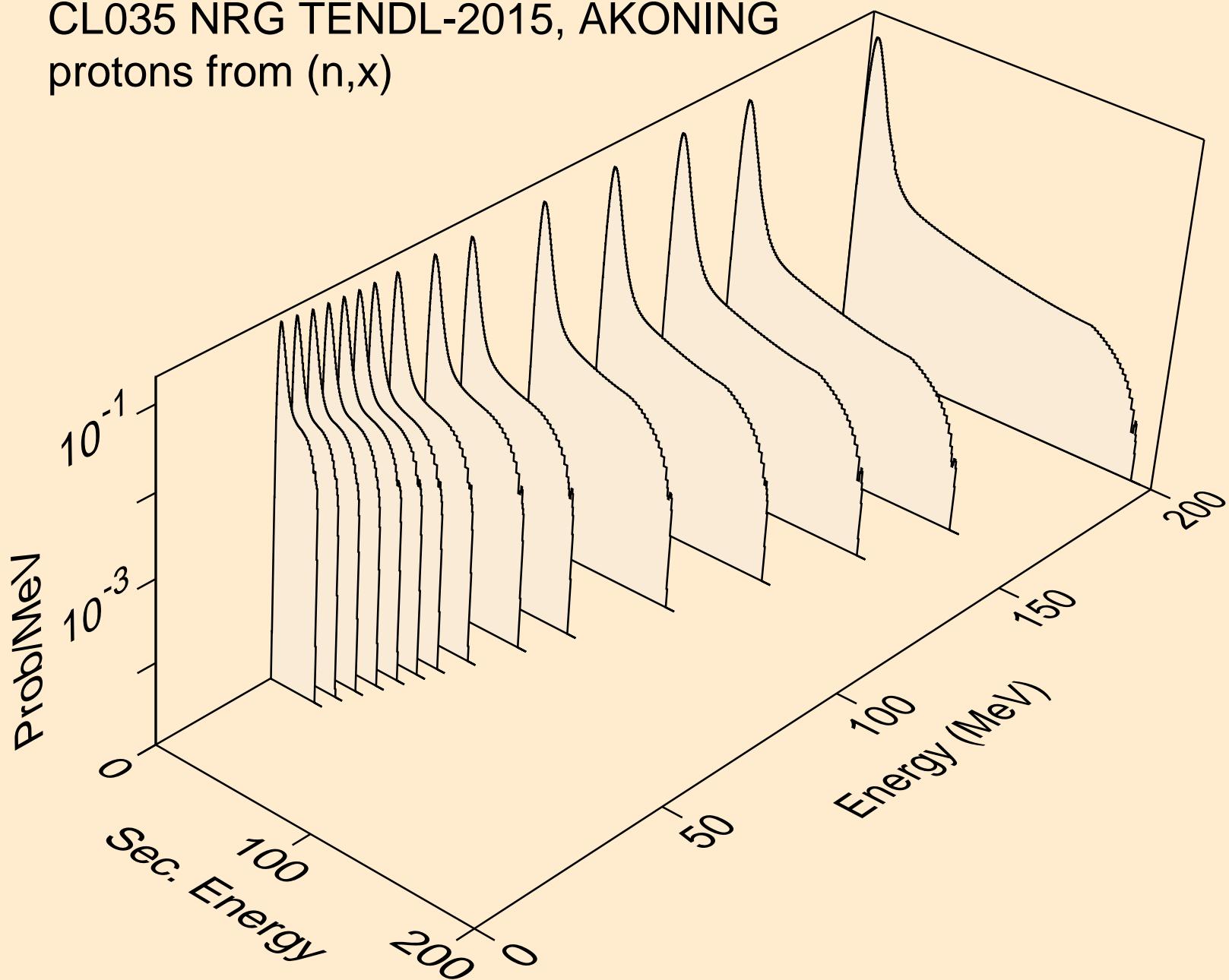


# CL035 NRG TENDL-2015, AKONING

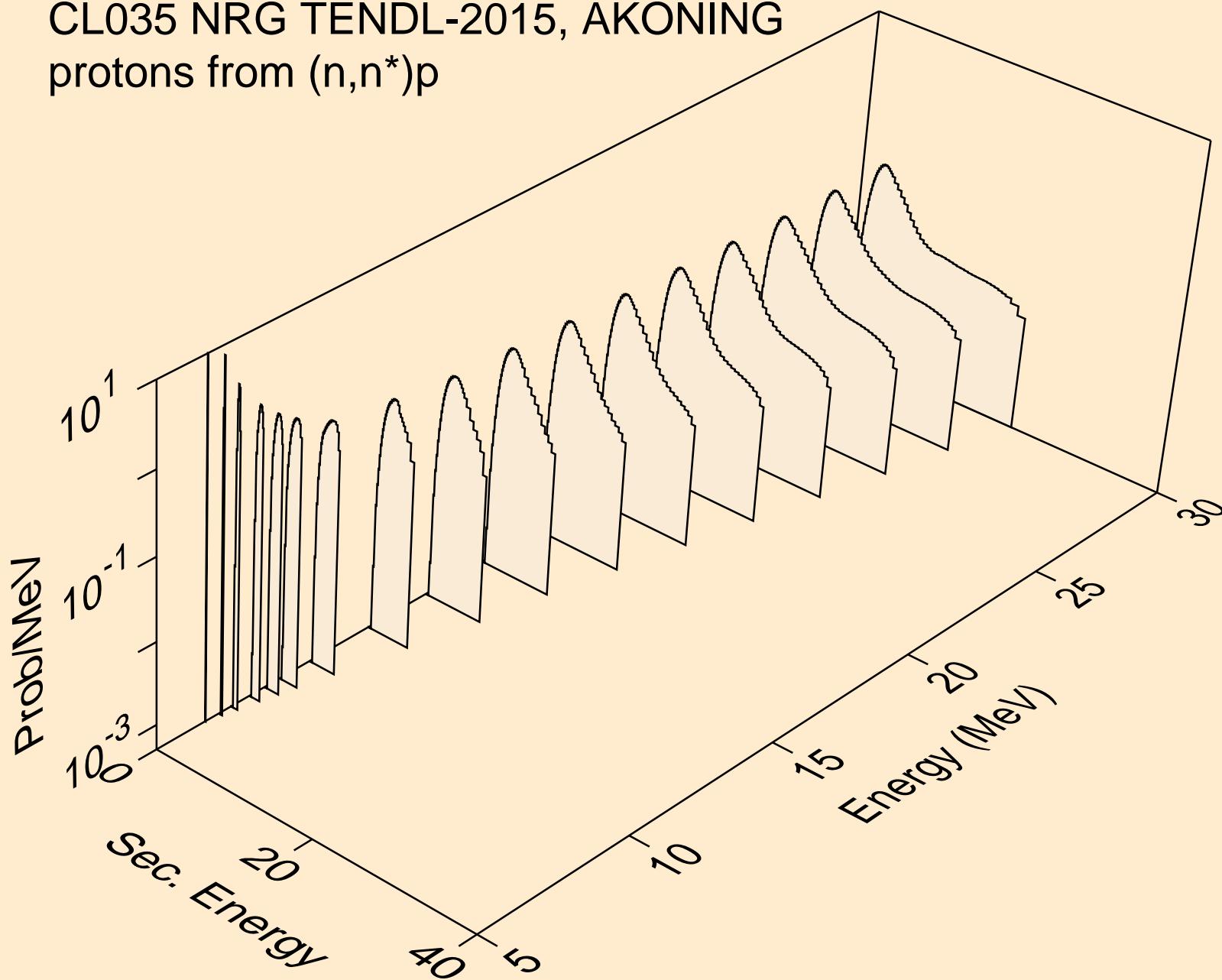
## Particle production cross sections



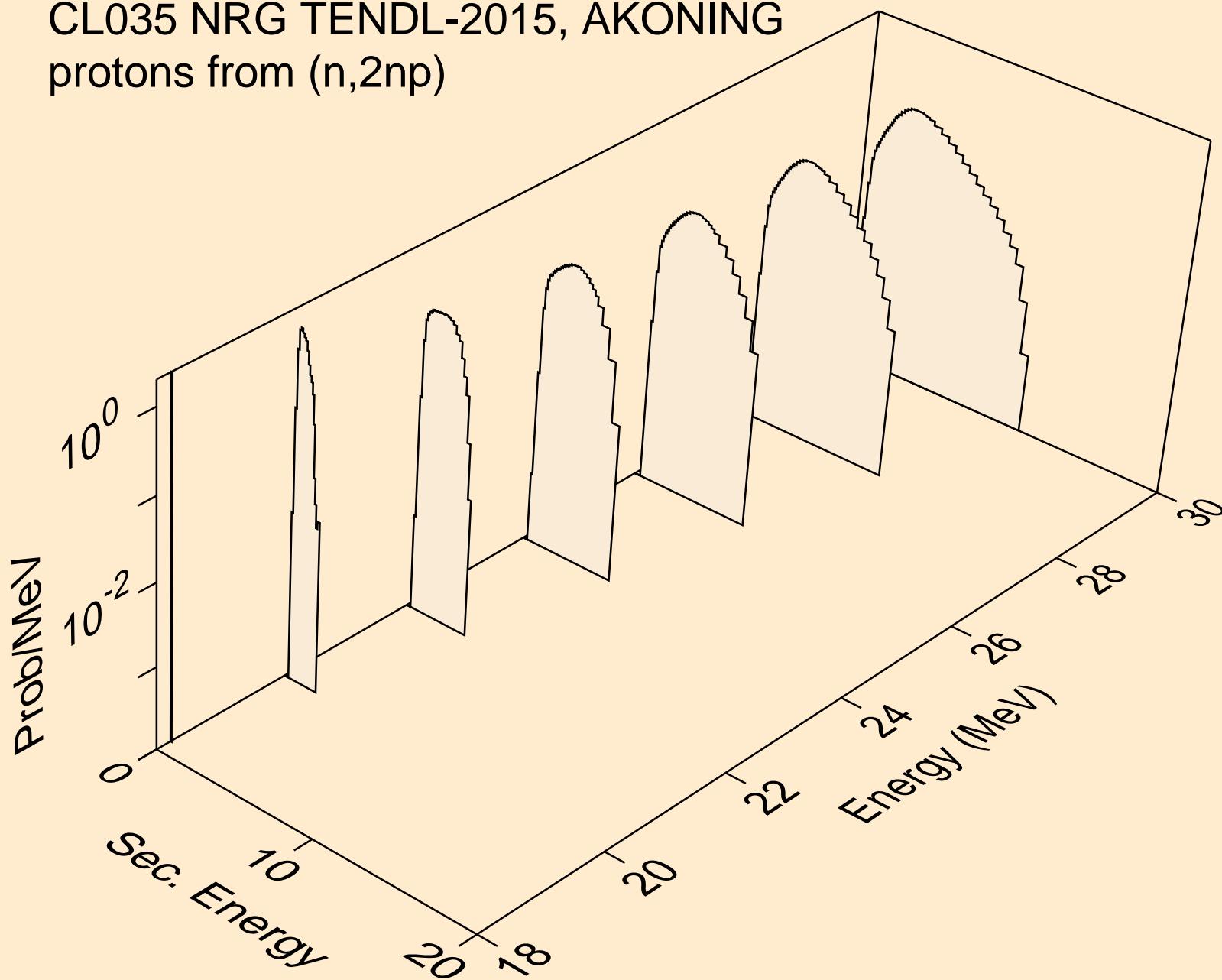
CL035 NRG TENDL-2015, AKONING  
protons from ( $n,x$ )



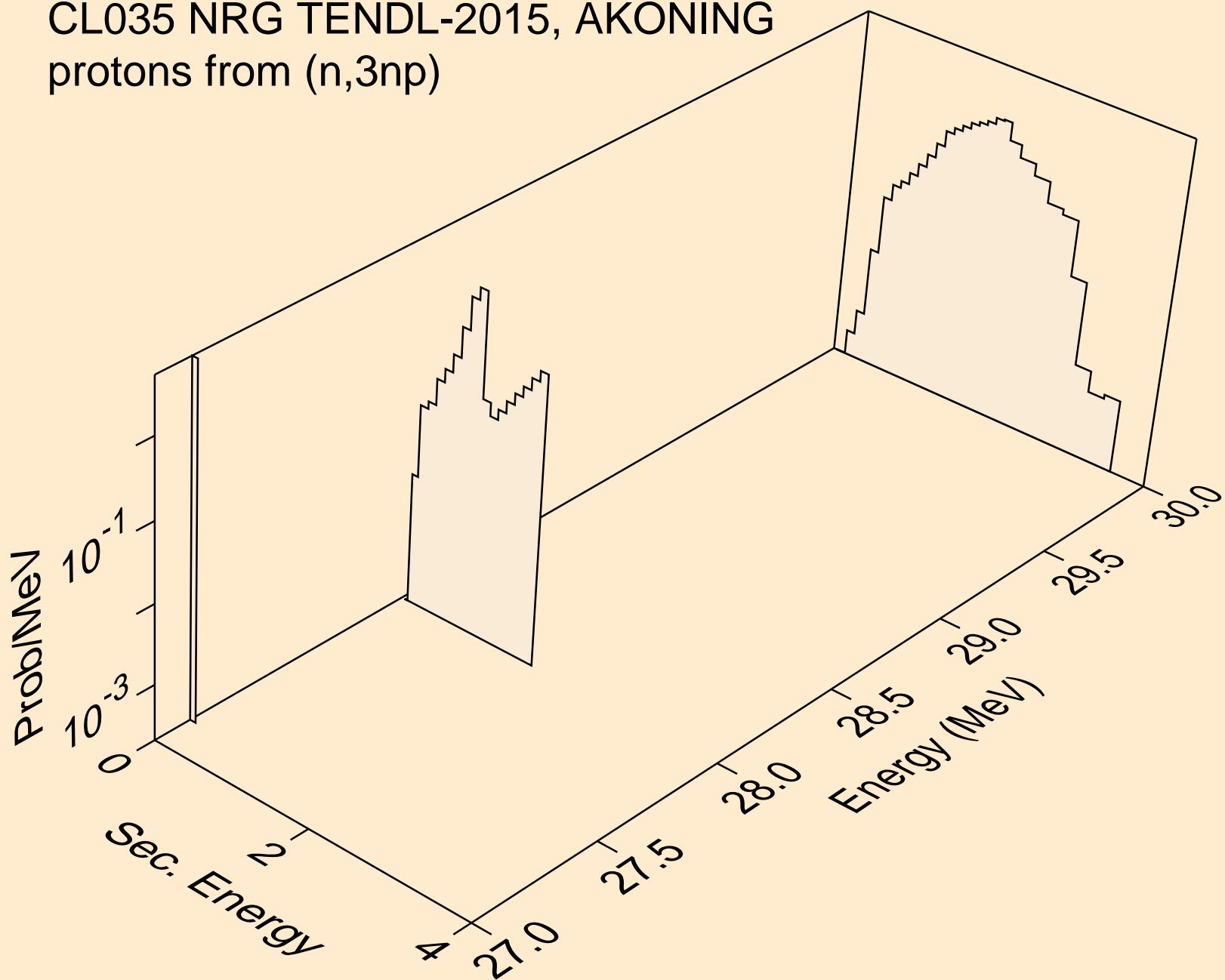
CL035 NRG TENDL-2015, AKONING  
protons from  $(n,n^*)p$



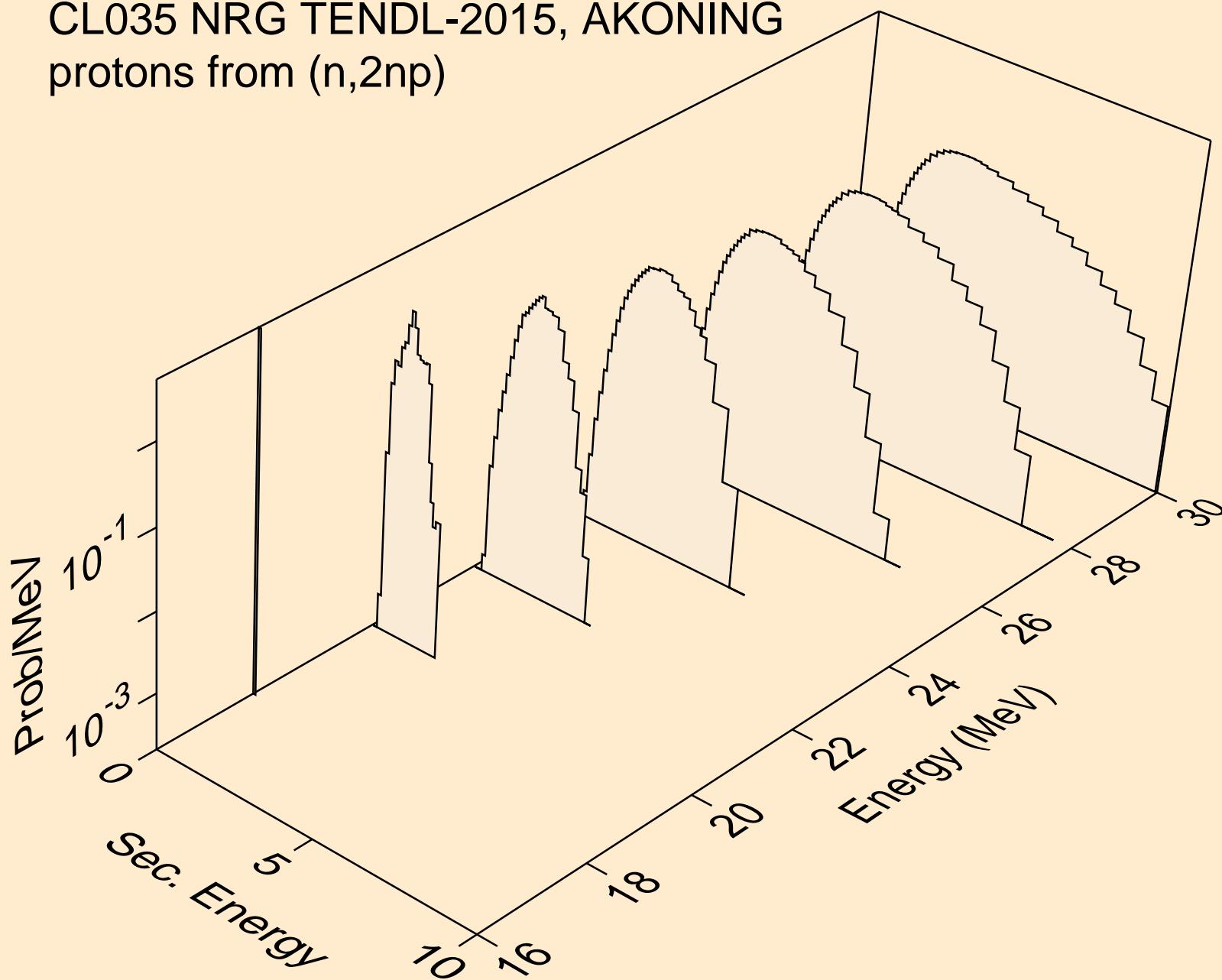
CL035 NRG TENDL-2015, AKONING  
protons from ( $n,2np$ )



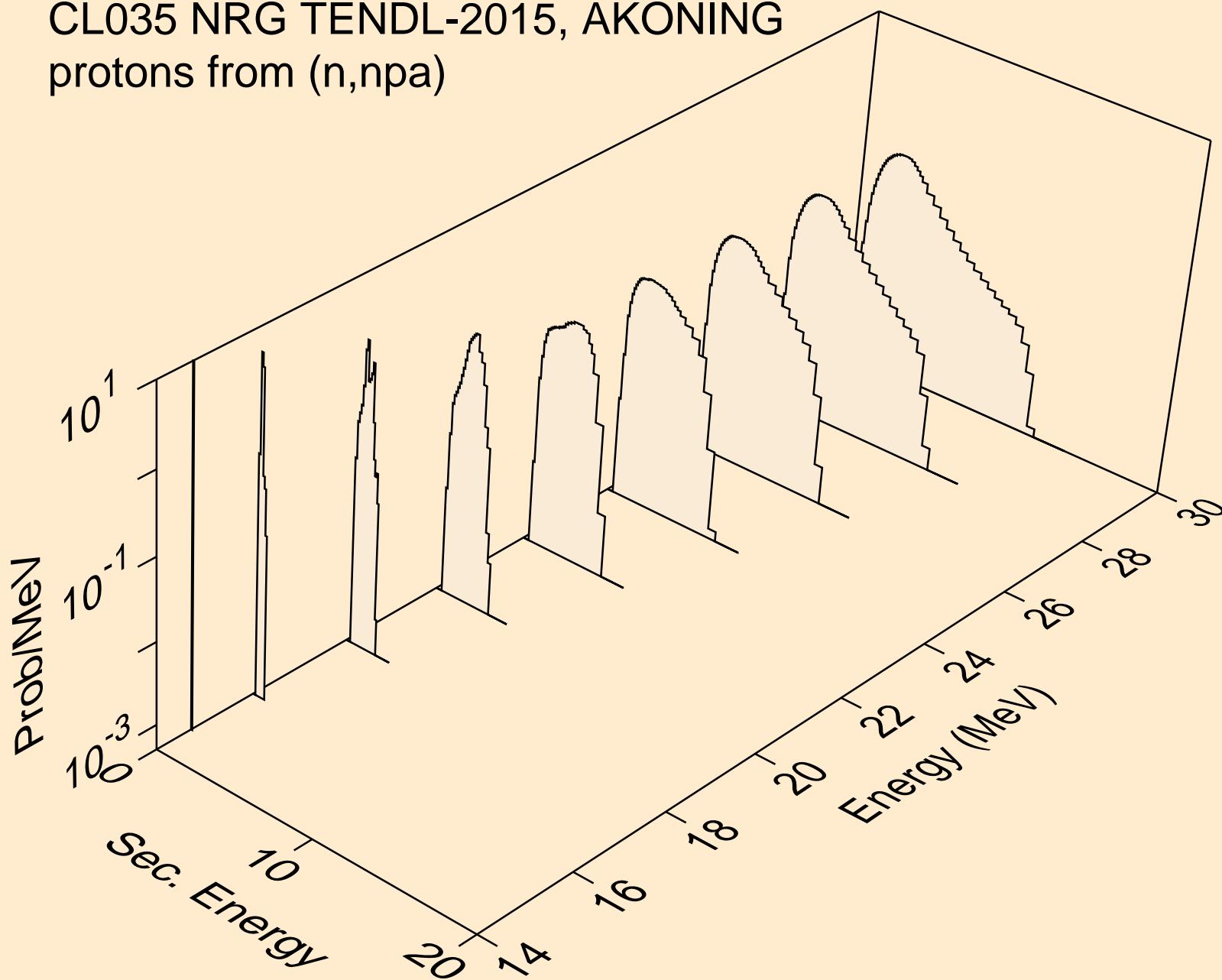
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protons from ( $n,3np$ )



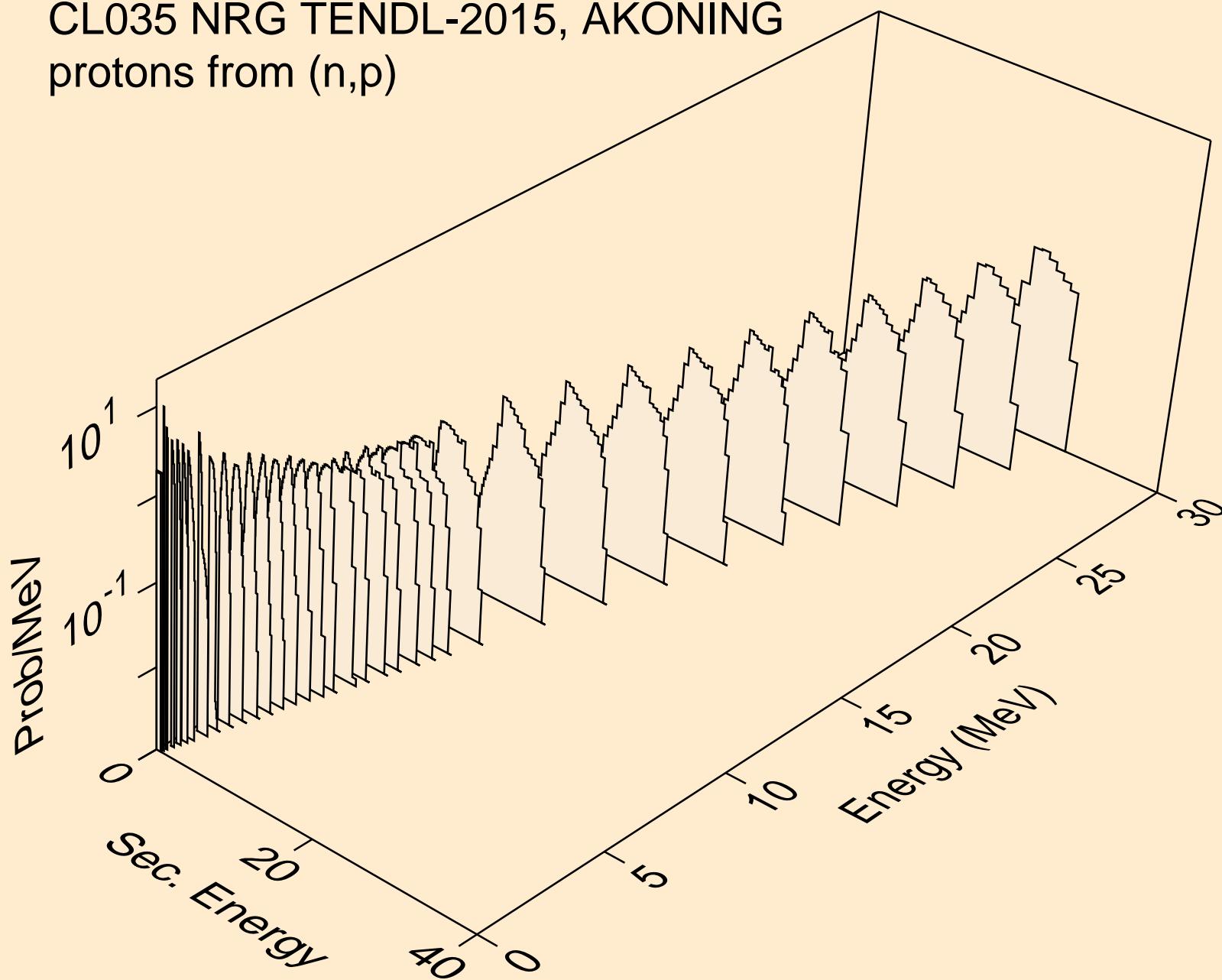
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protons from ( $n,2np$ )



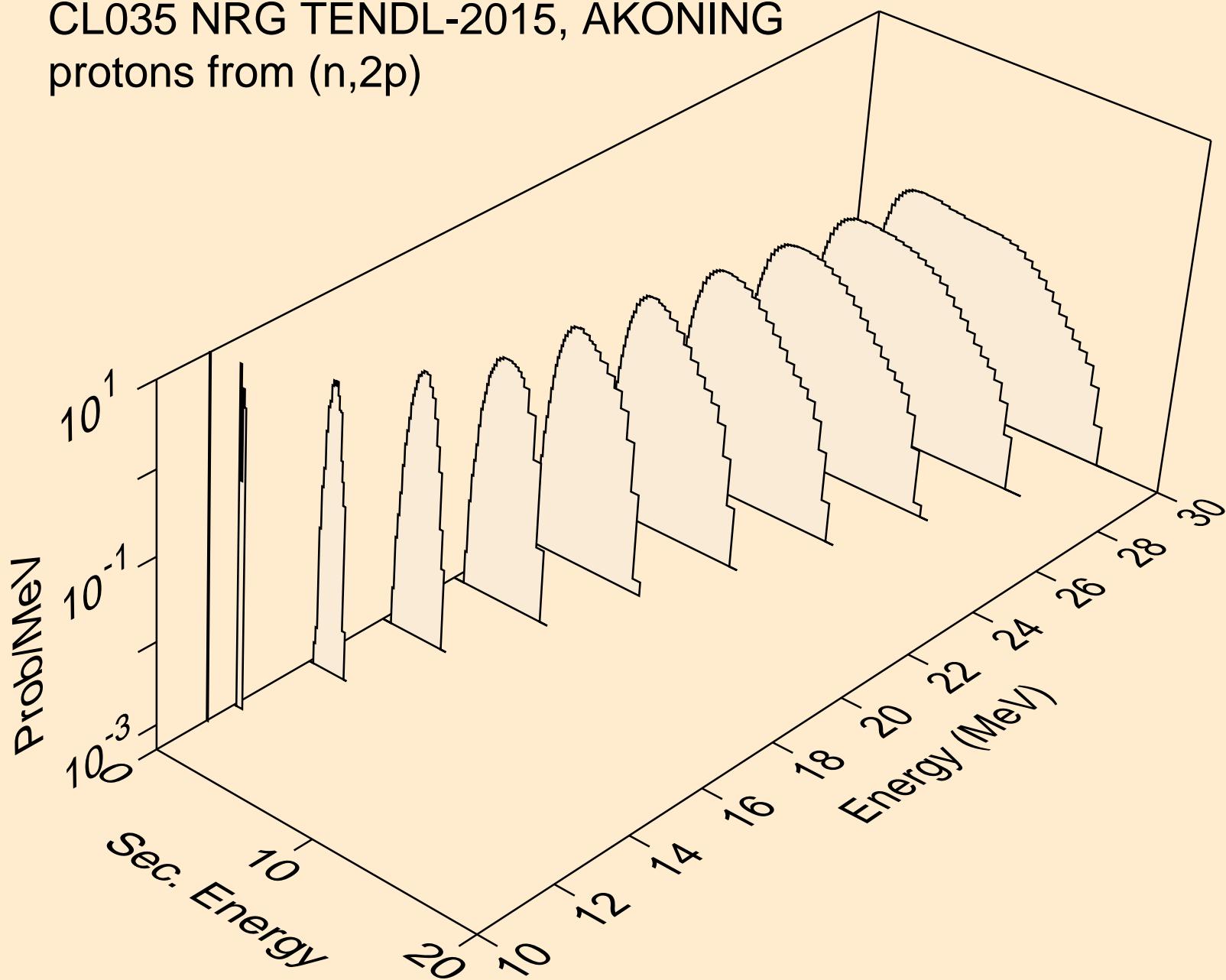
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protons from (n,npa)



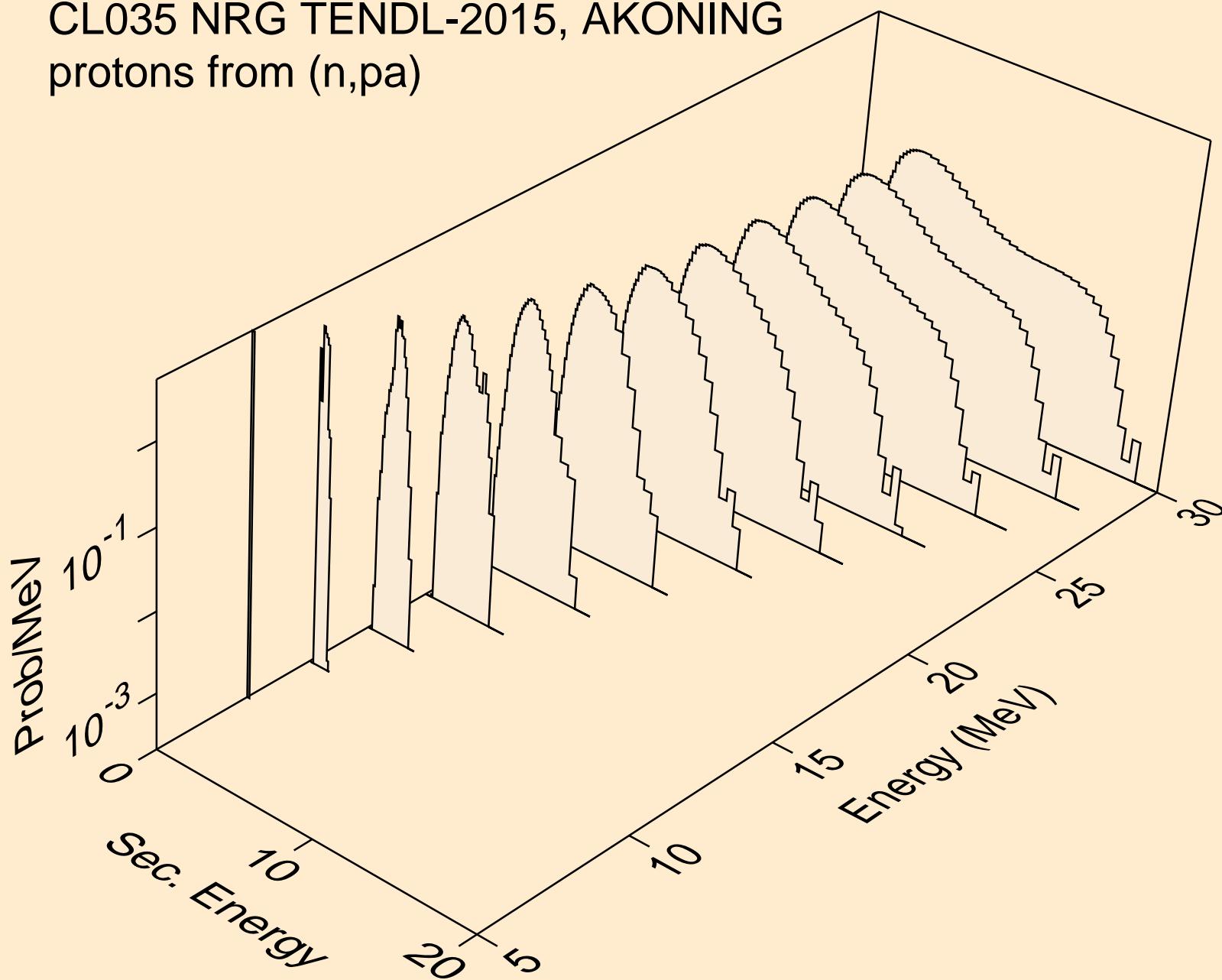
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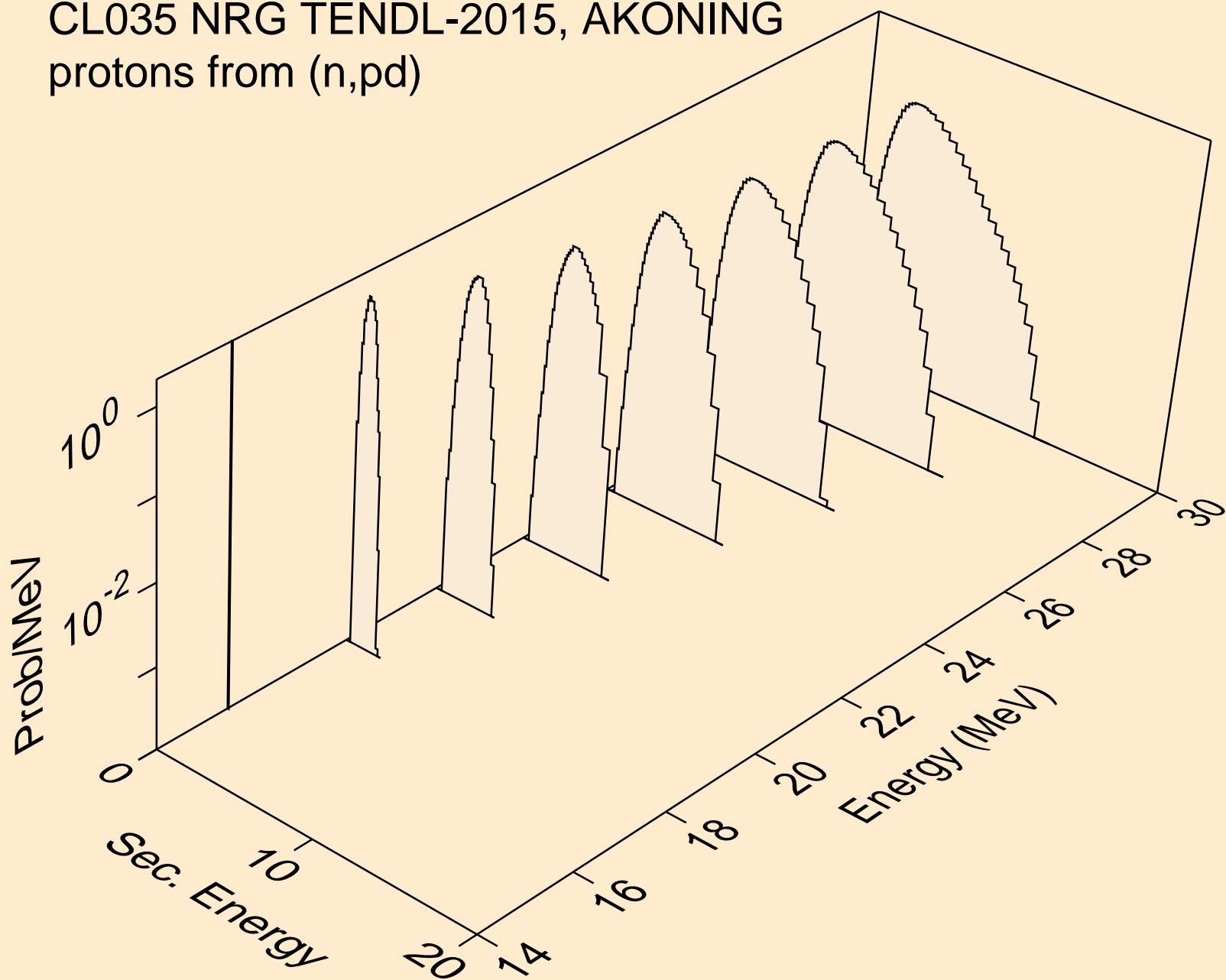
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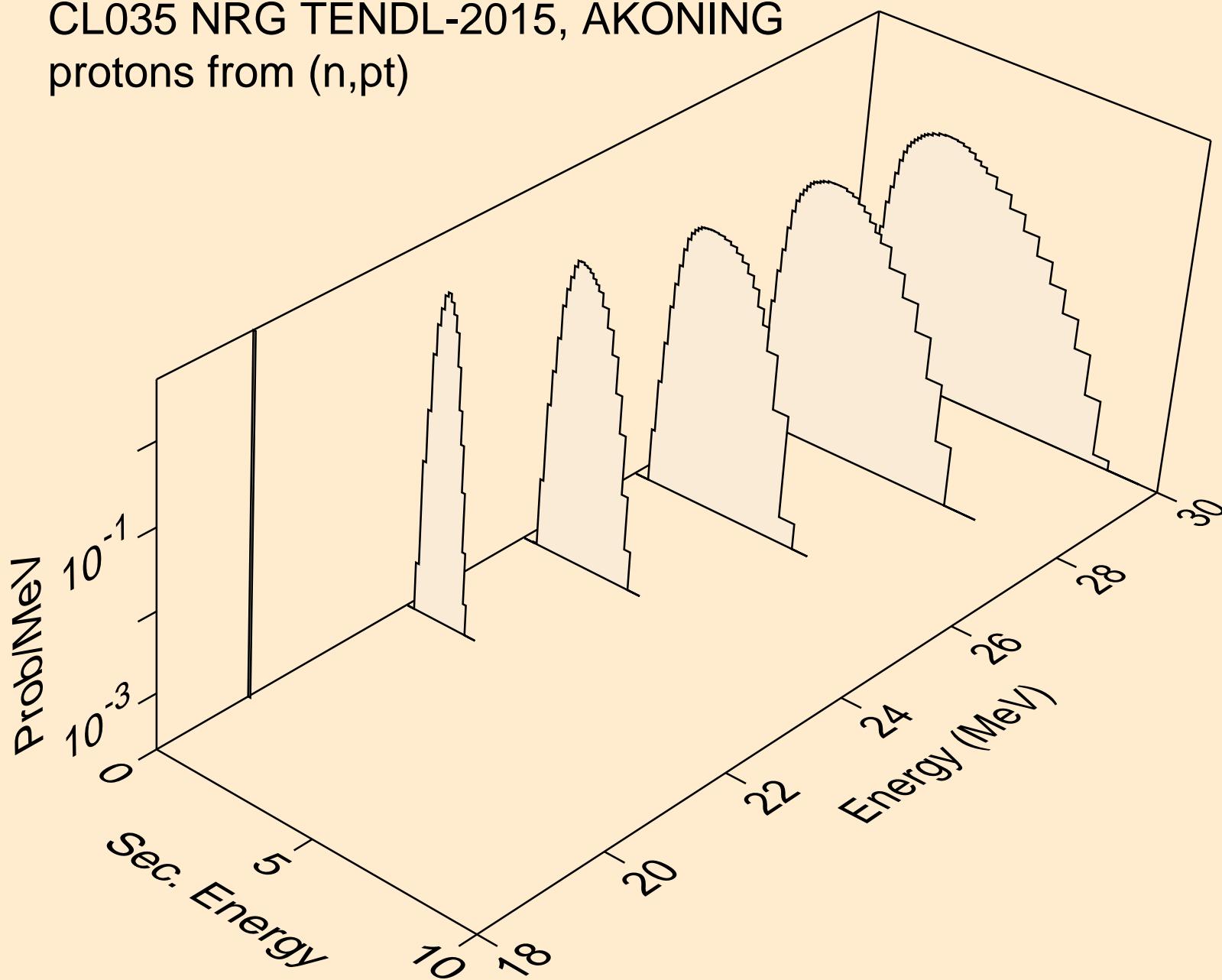
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protons from (n,pa)



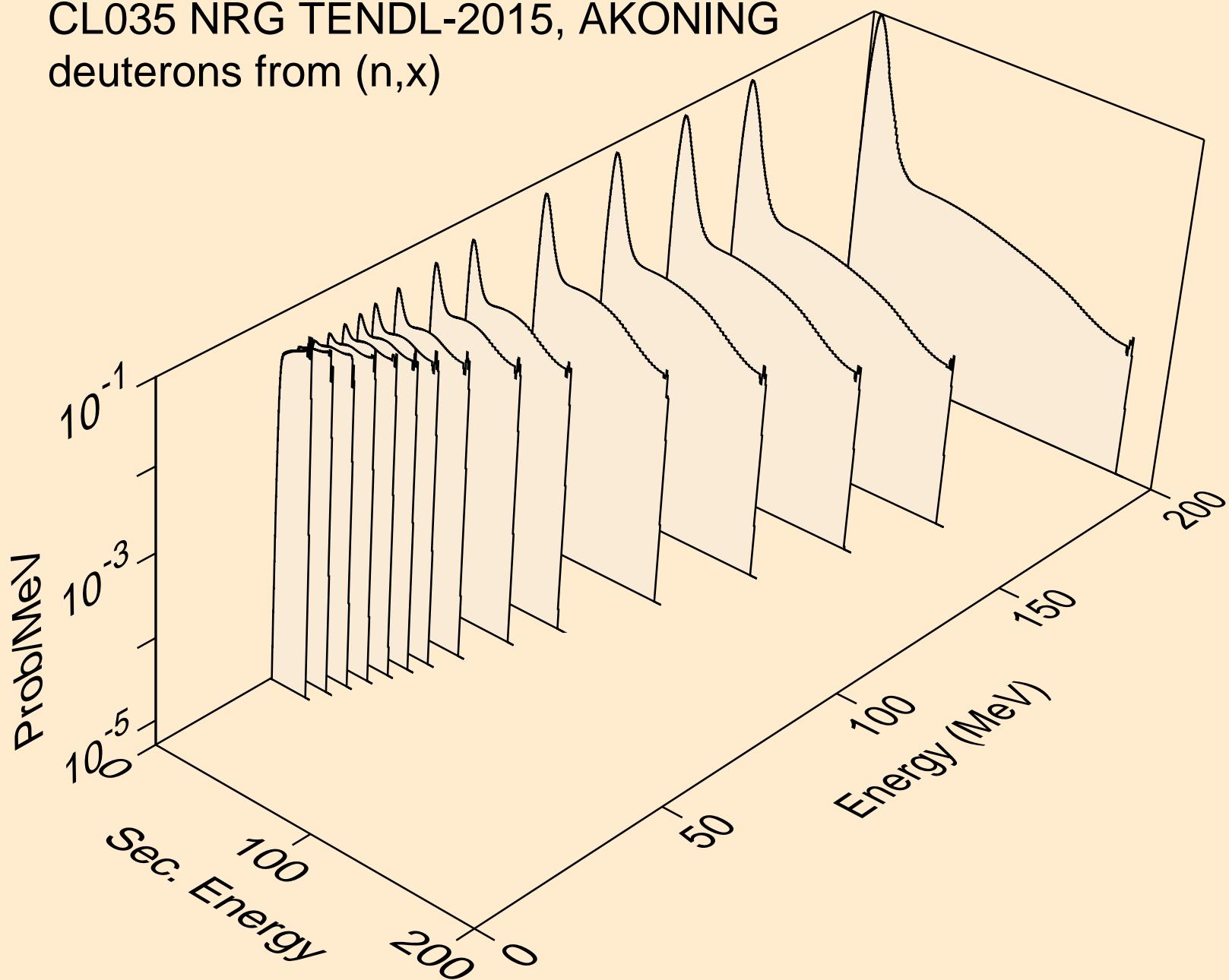
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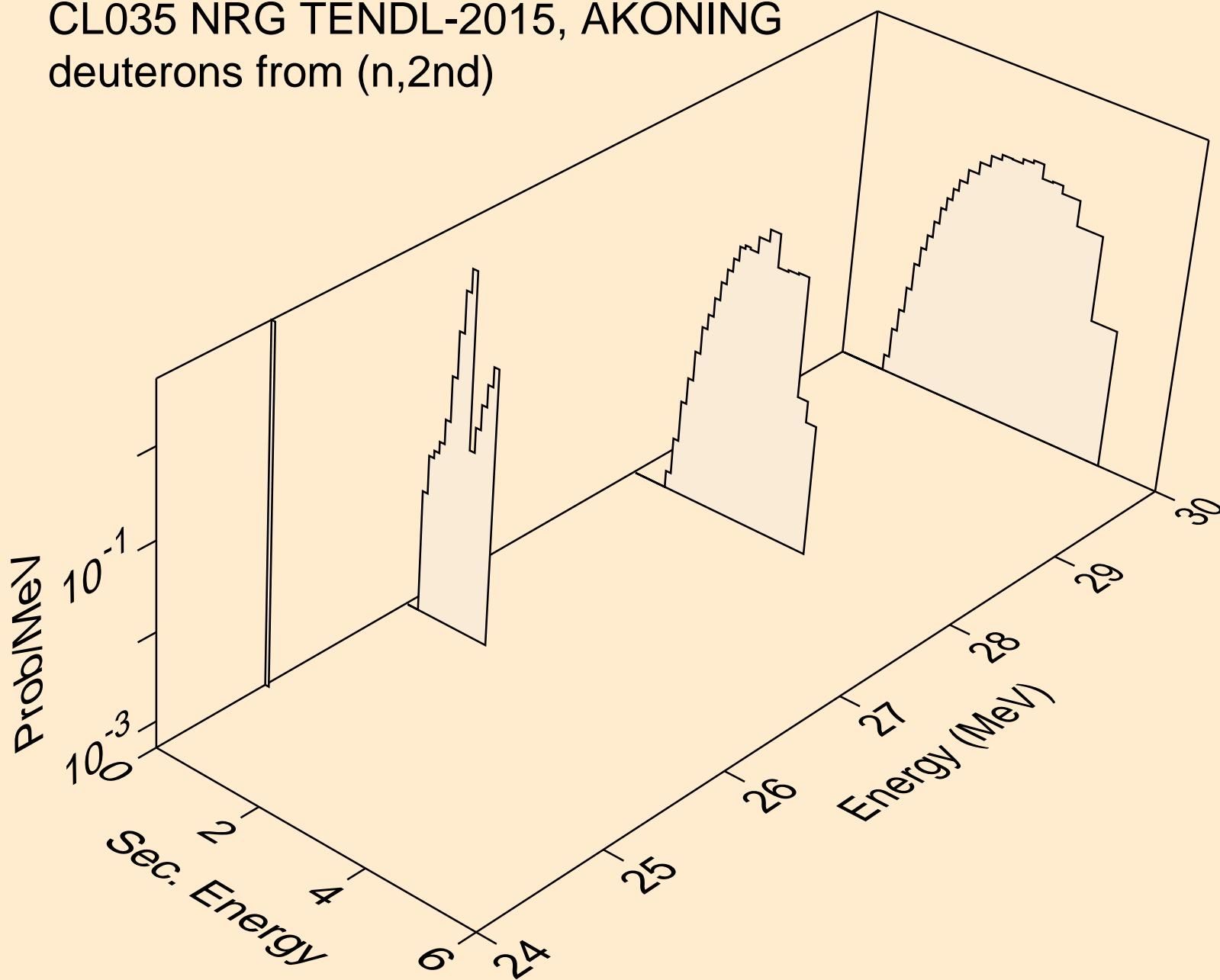
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protons from (n,pt)



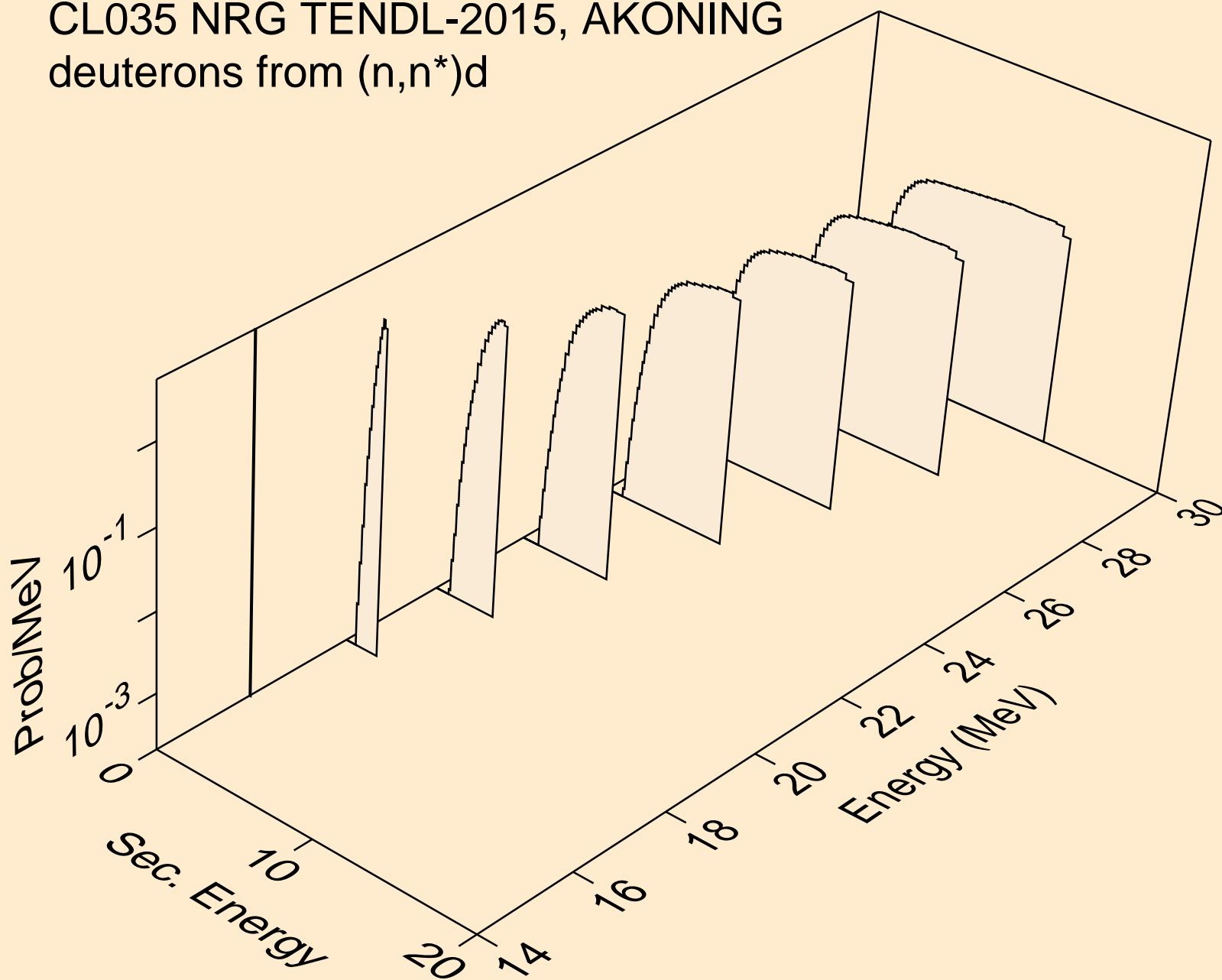
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deuterons from ( $n, x$ )



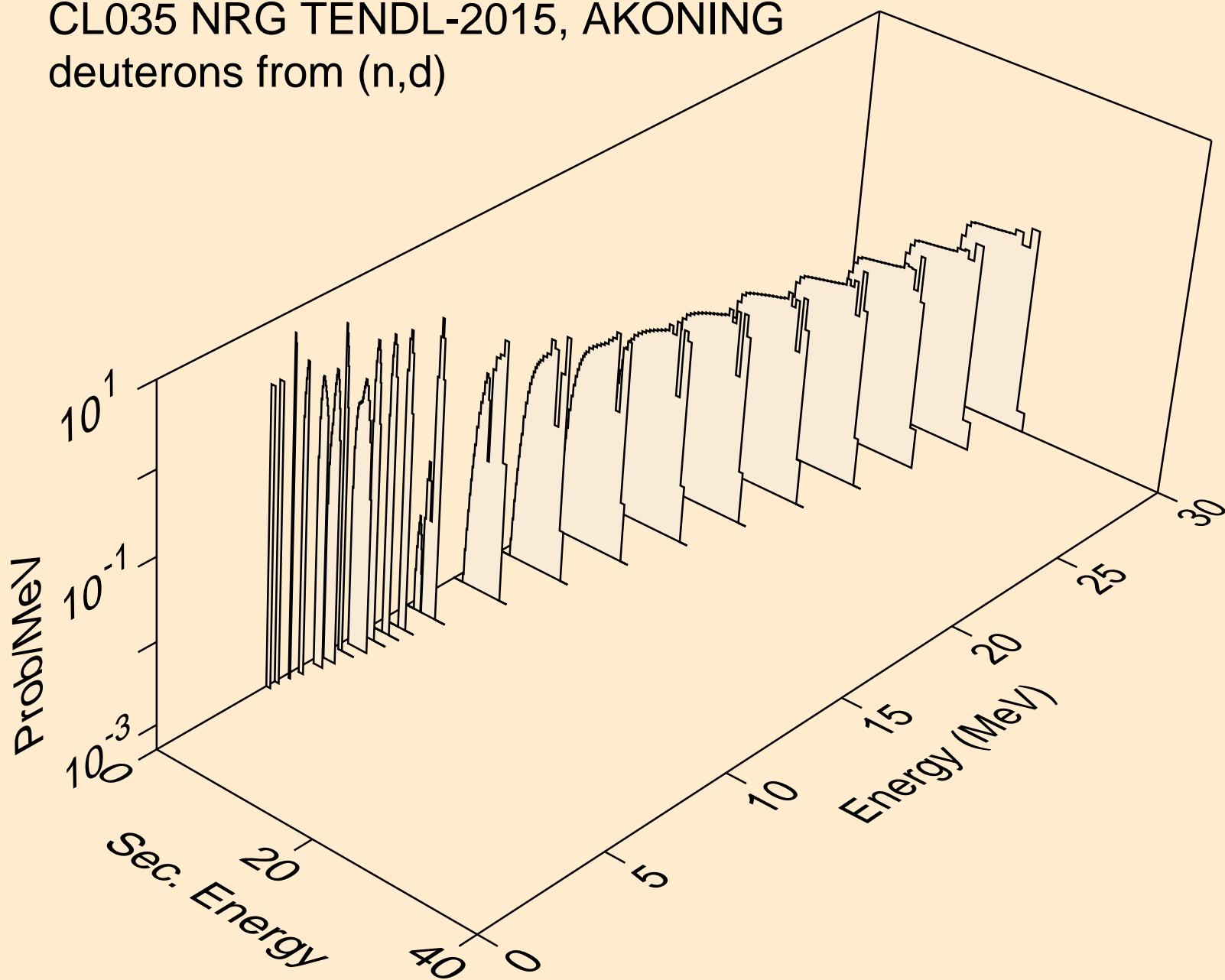
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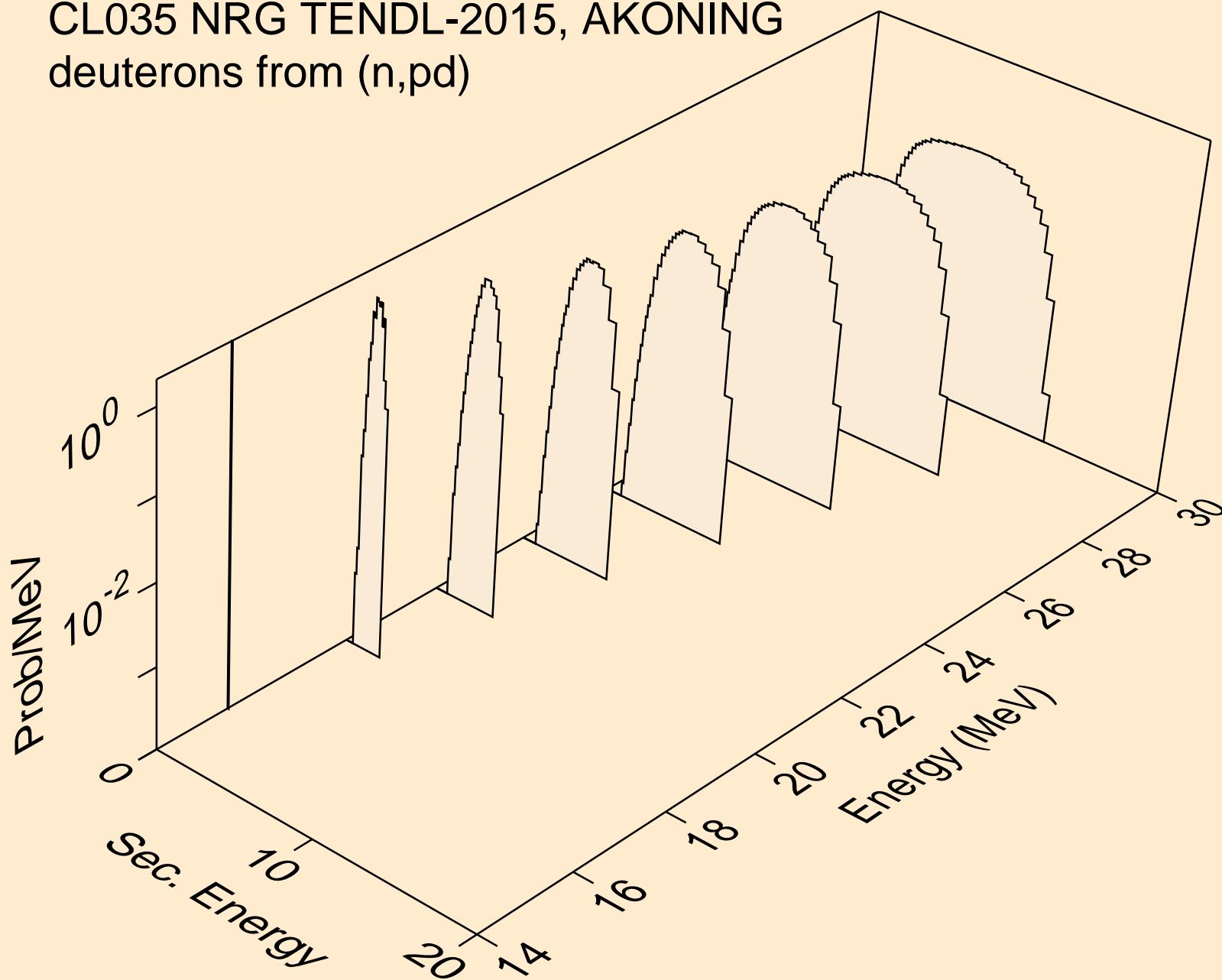
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deuterons from ( $n, n^*$ )d



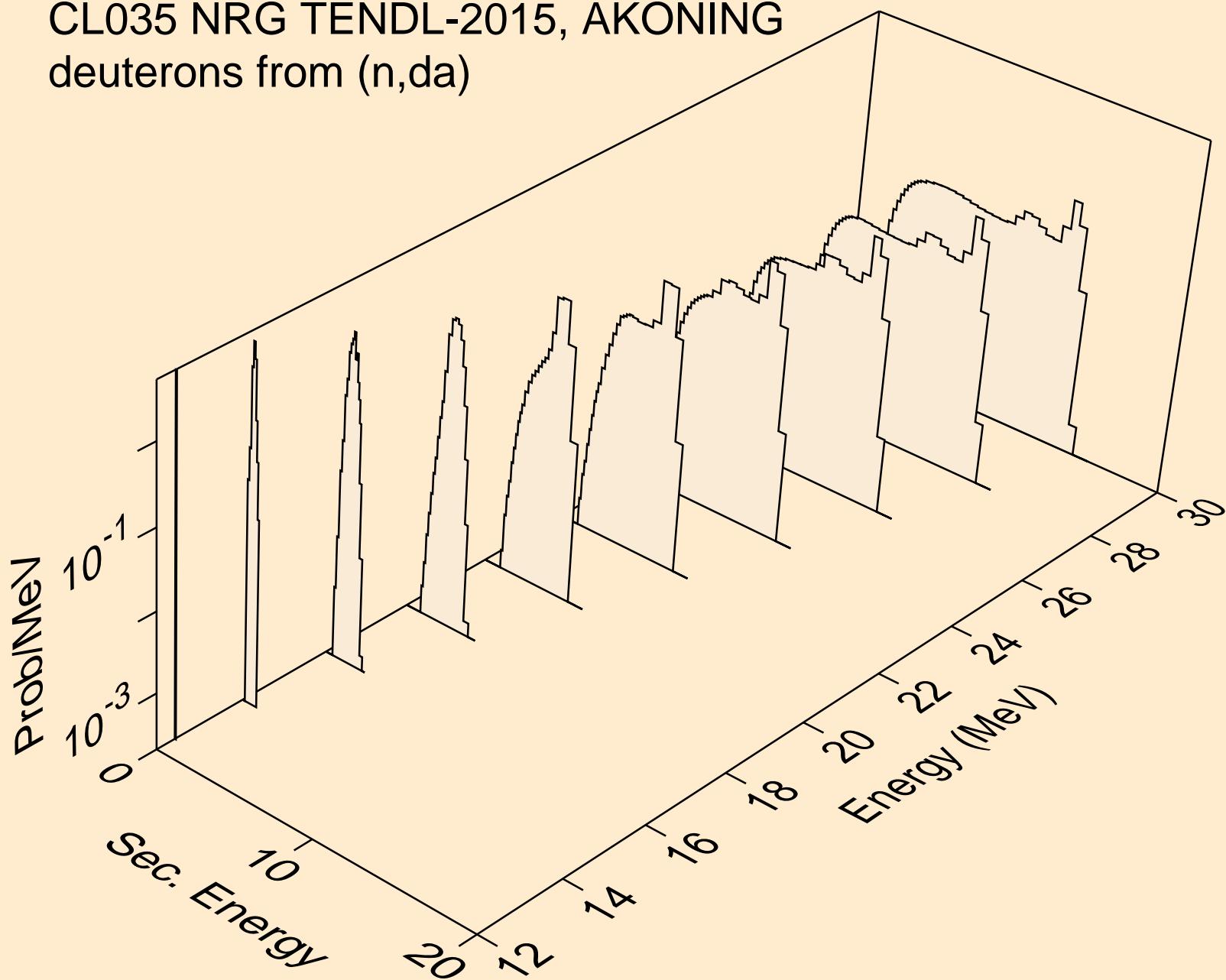
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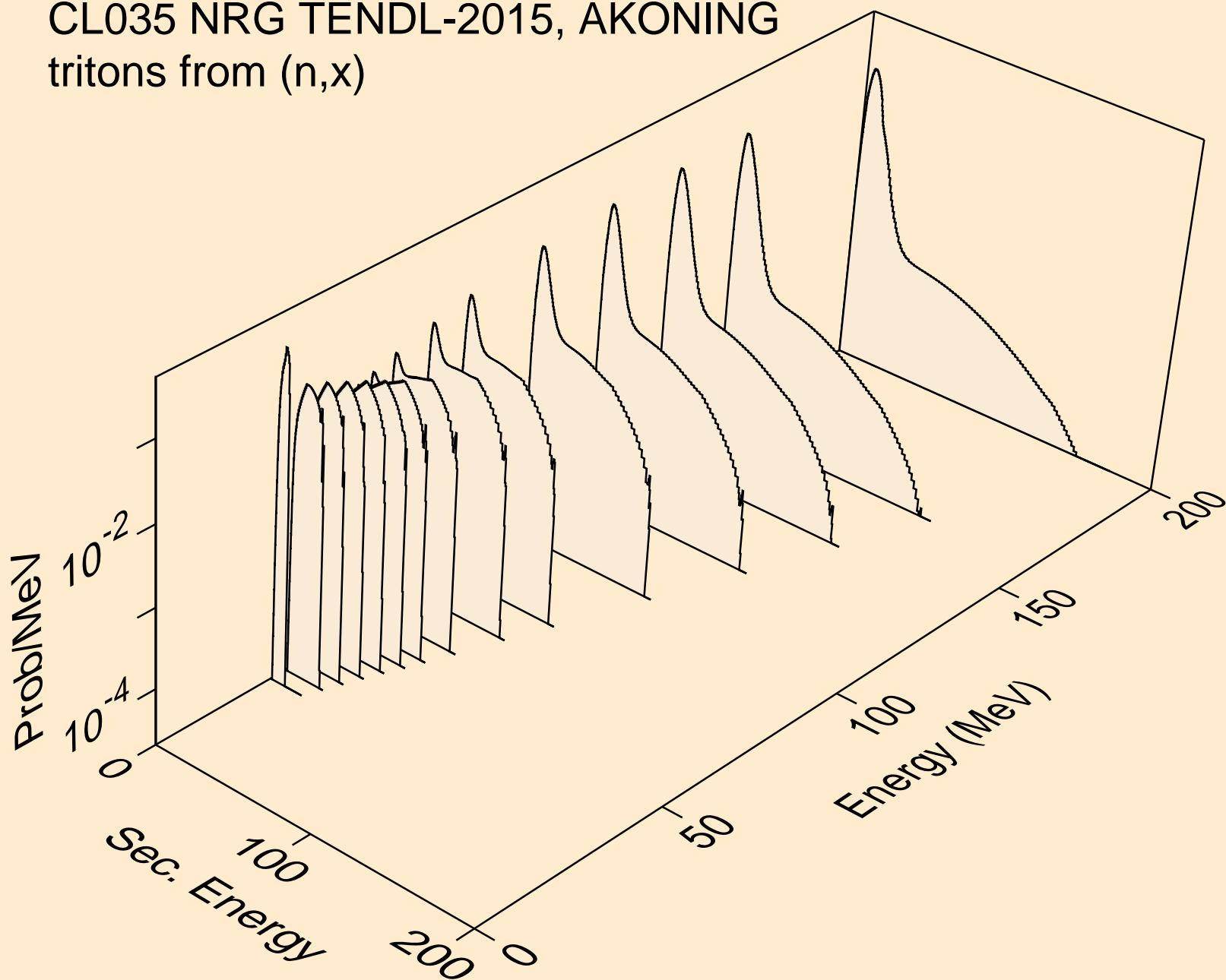
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deuterons from ( $n, pd$ )



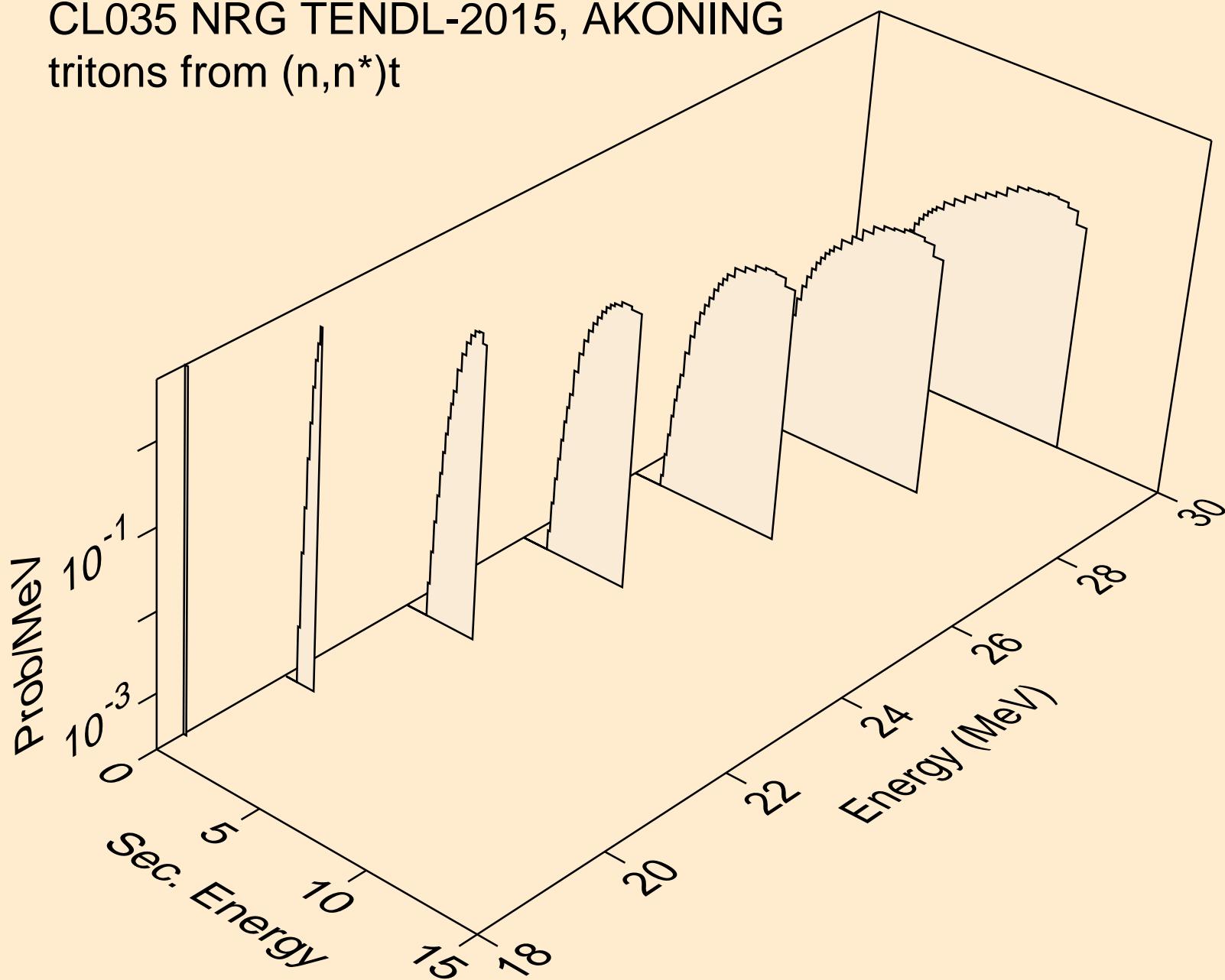
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deuterons from (n,da)



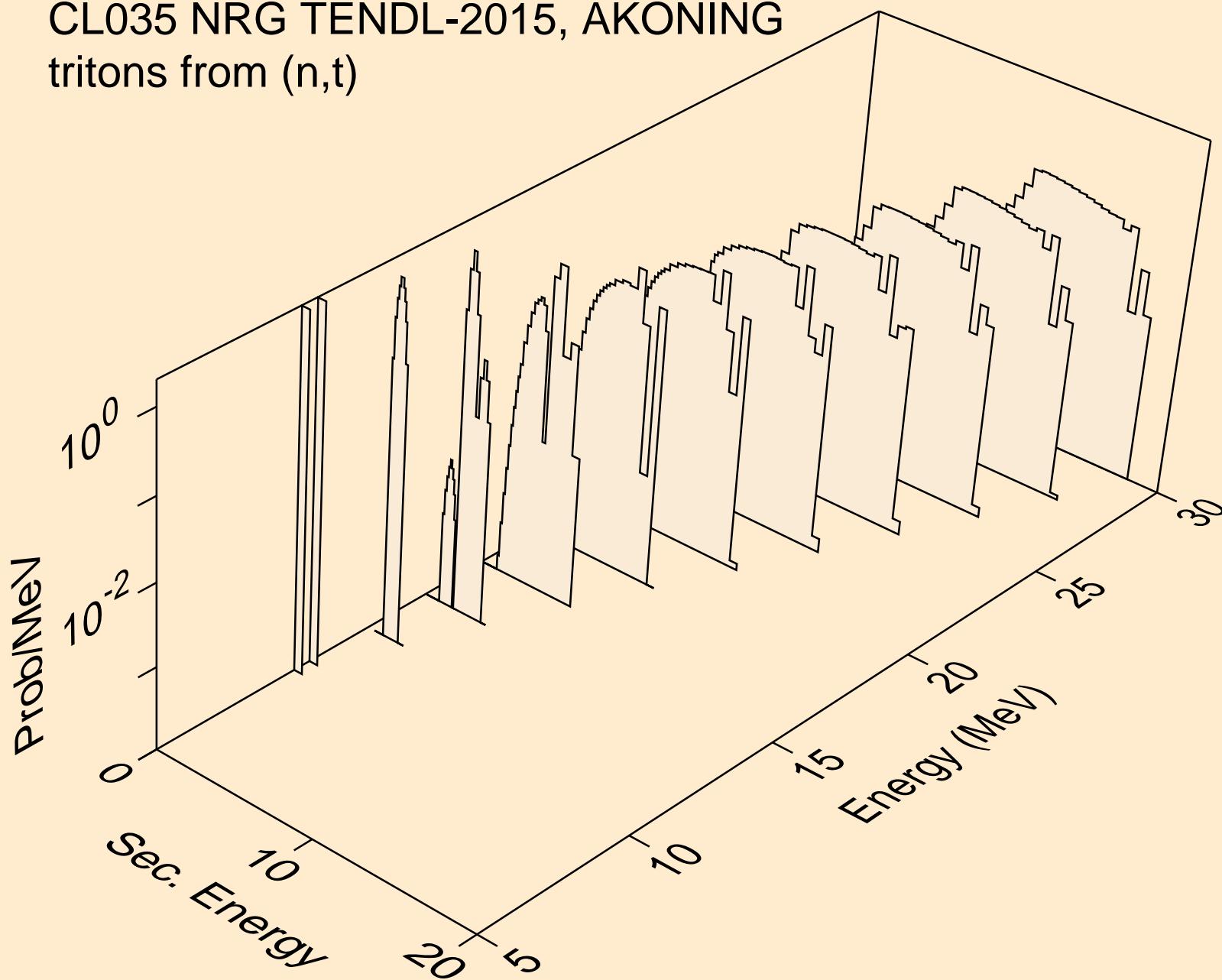
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tritons from ( $n,x$ )



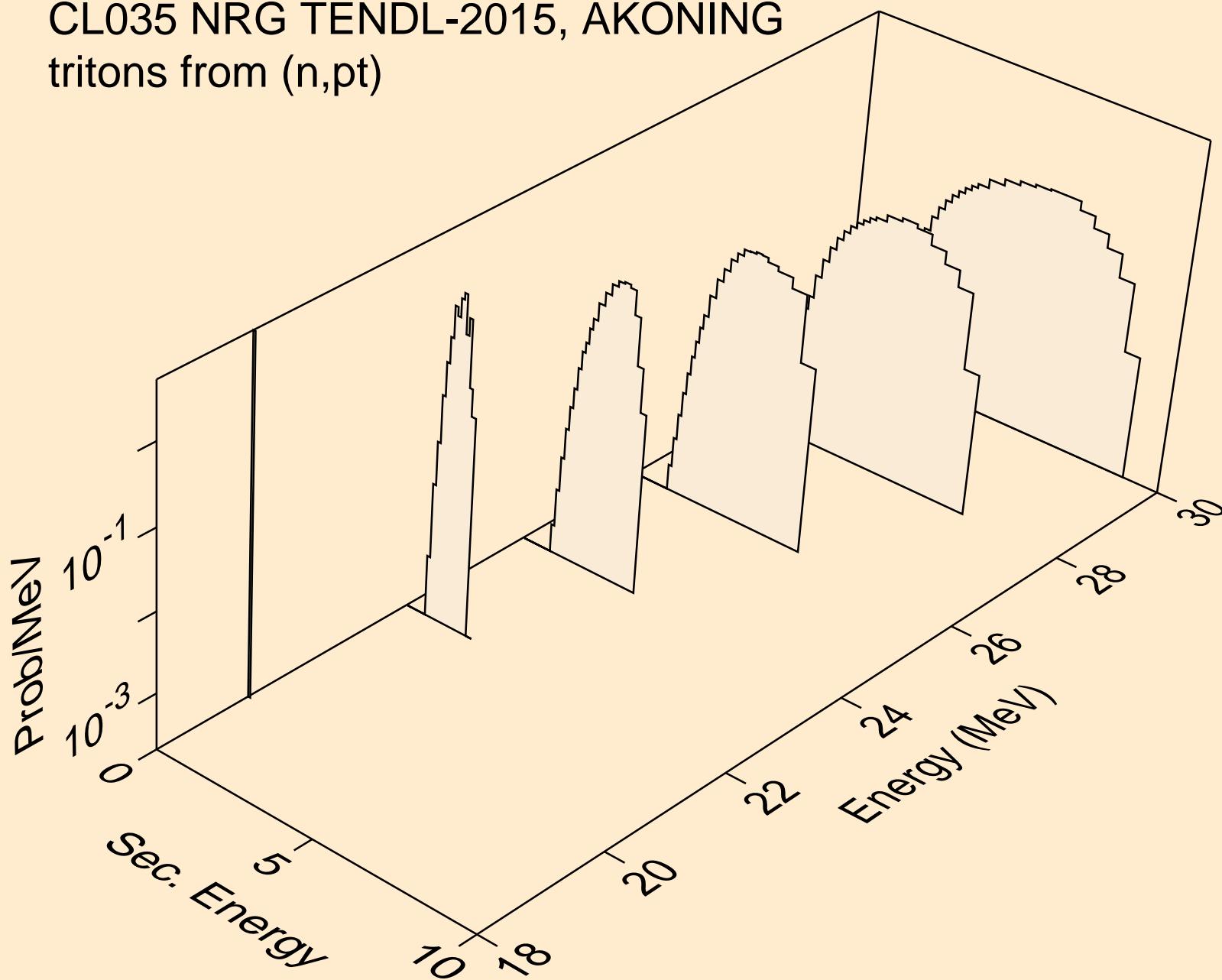
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tritons from  $(n,n^*)t$



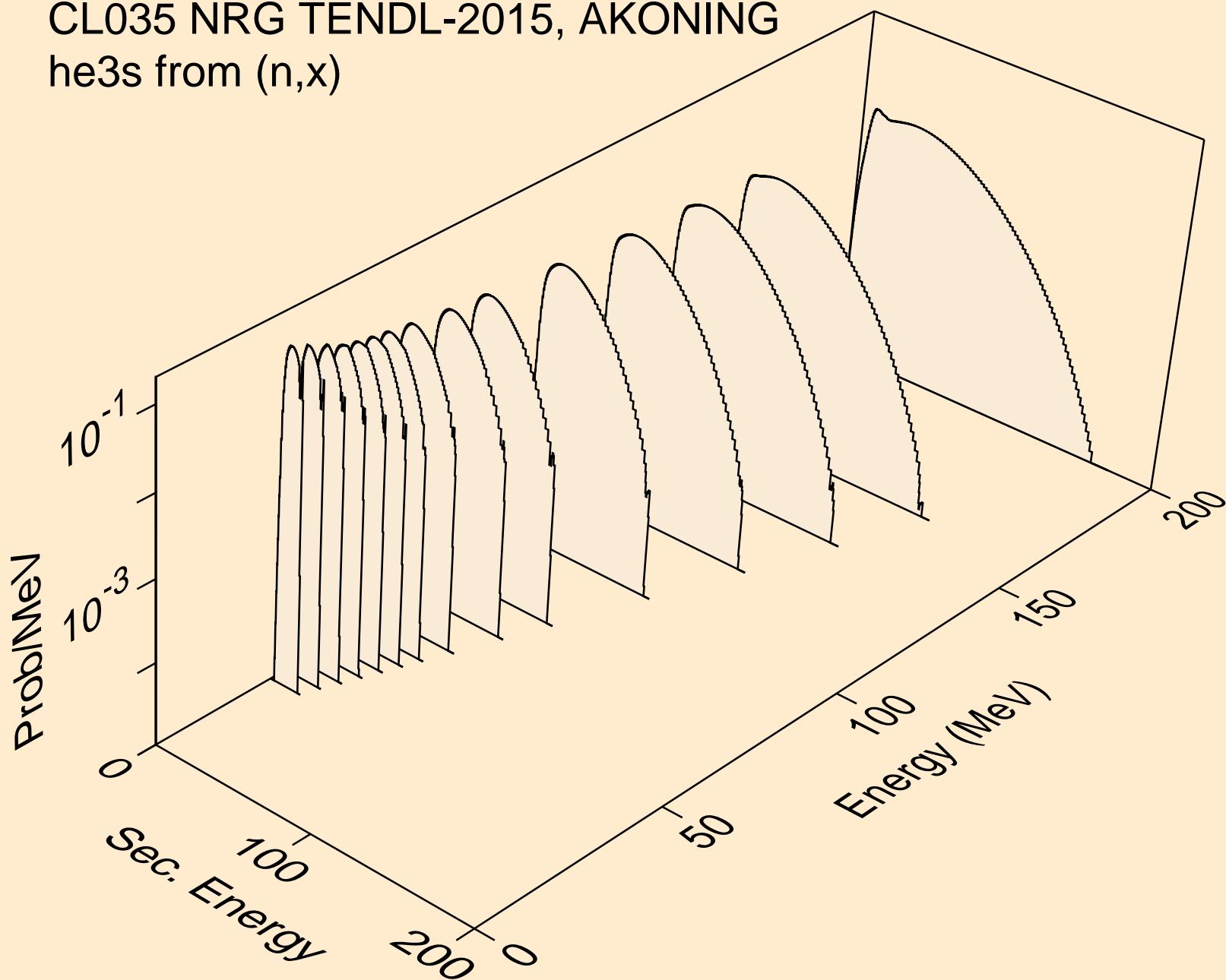
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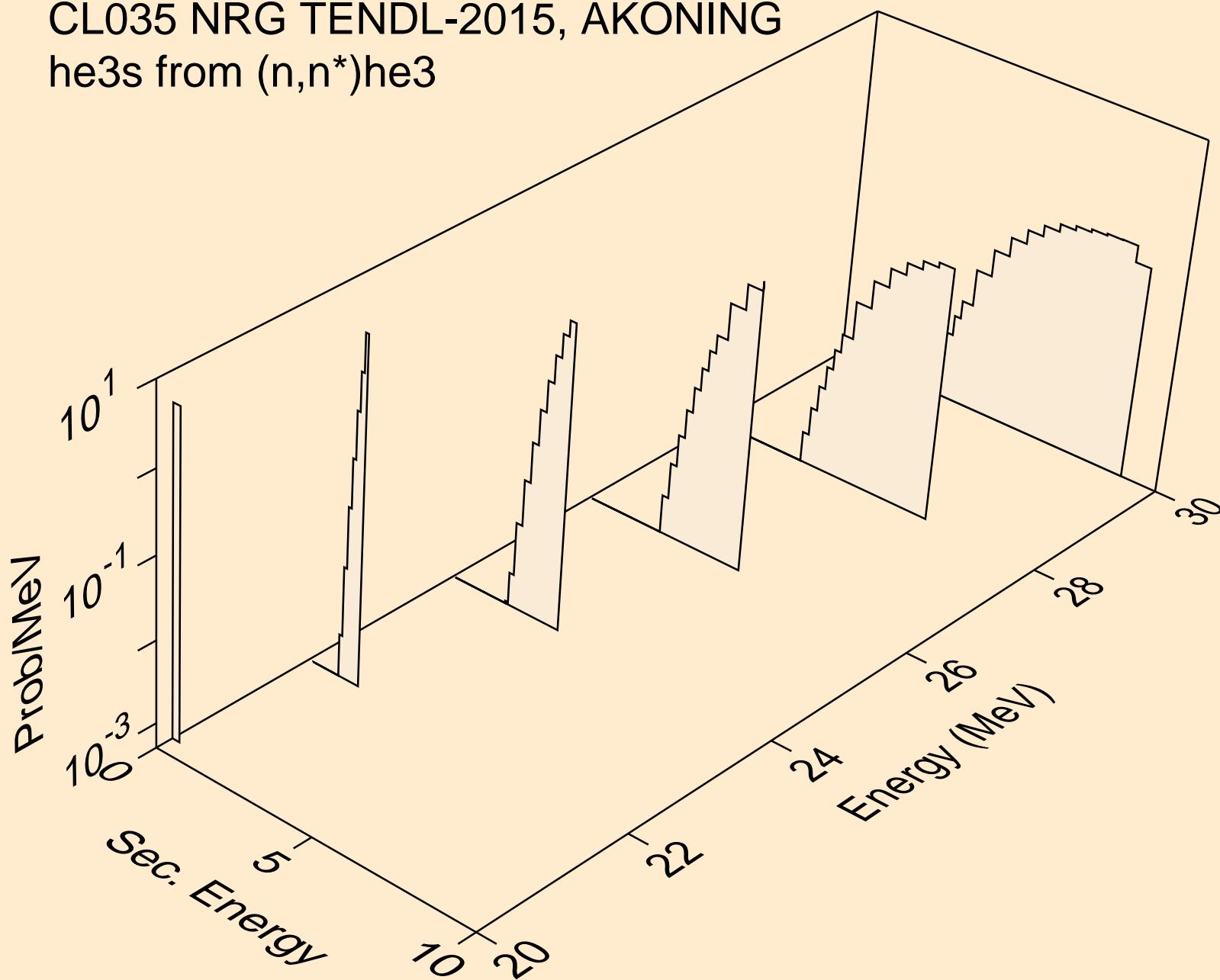
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tritons from (n,pt)



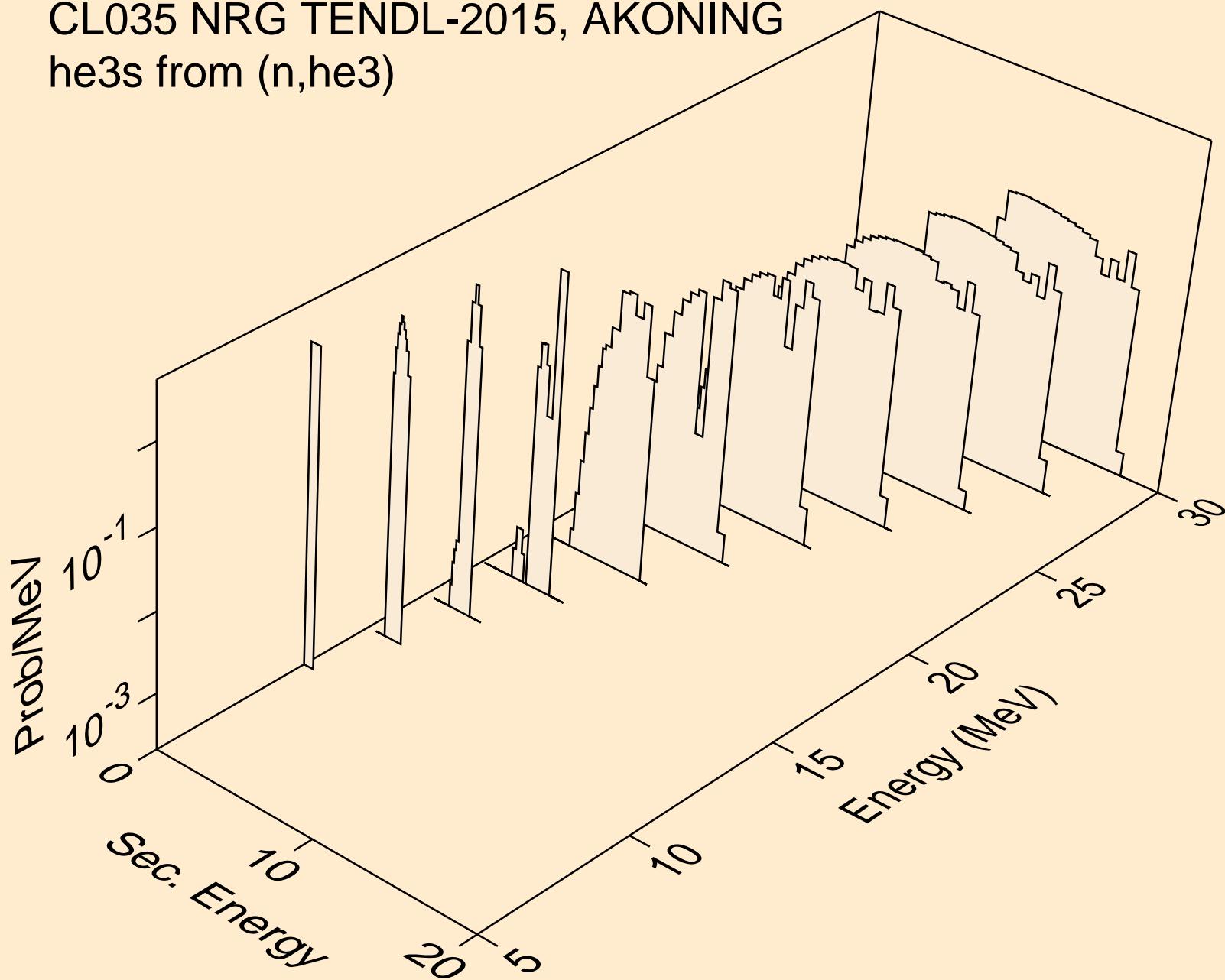
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he3s from (n,x)



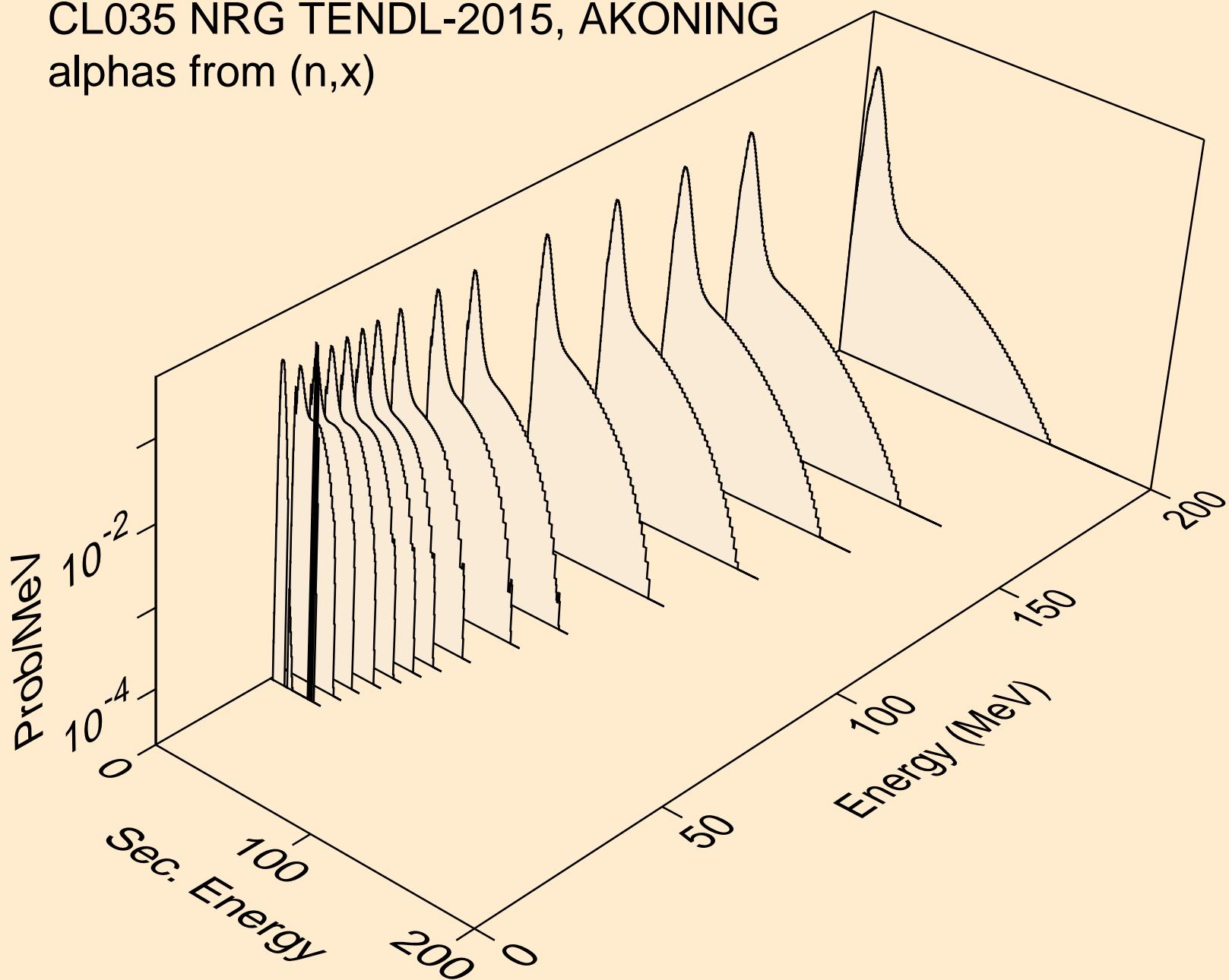
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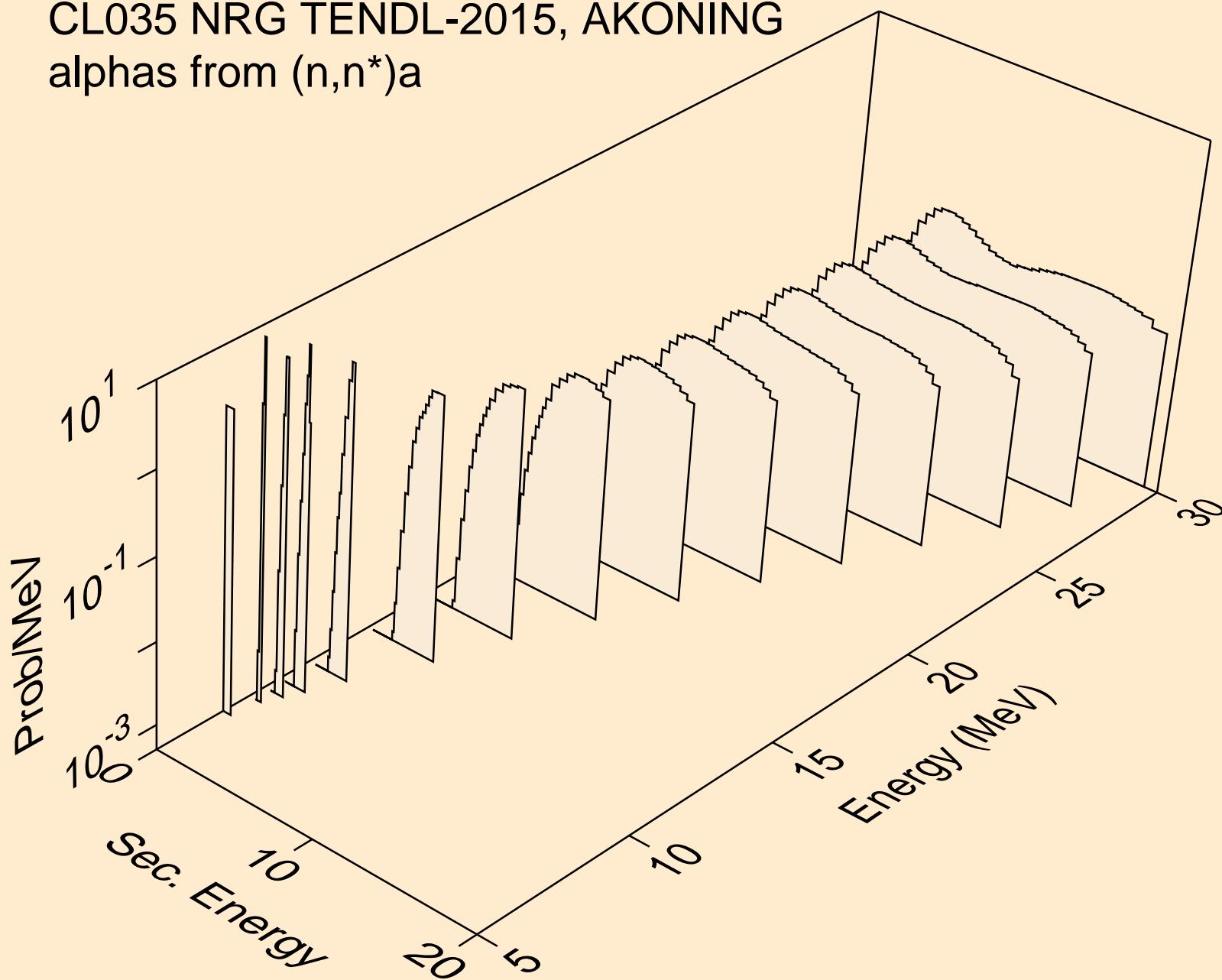
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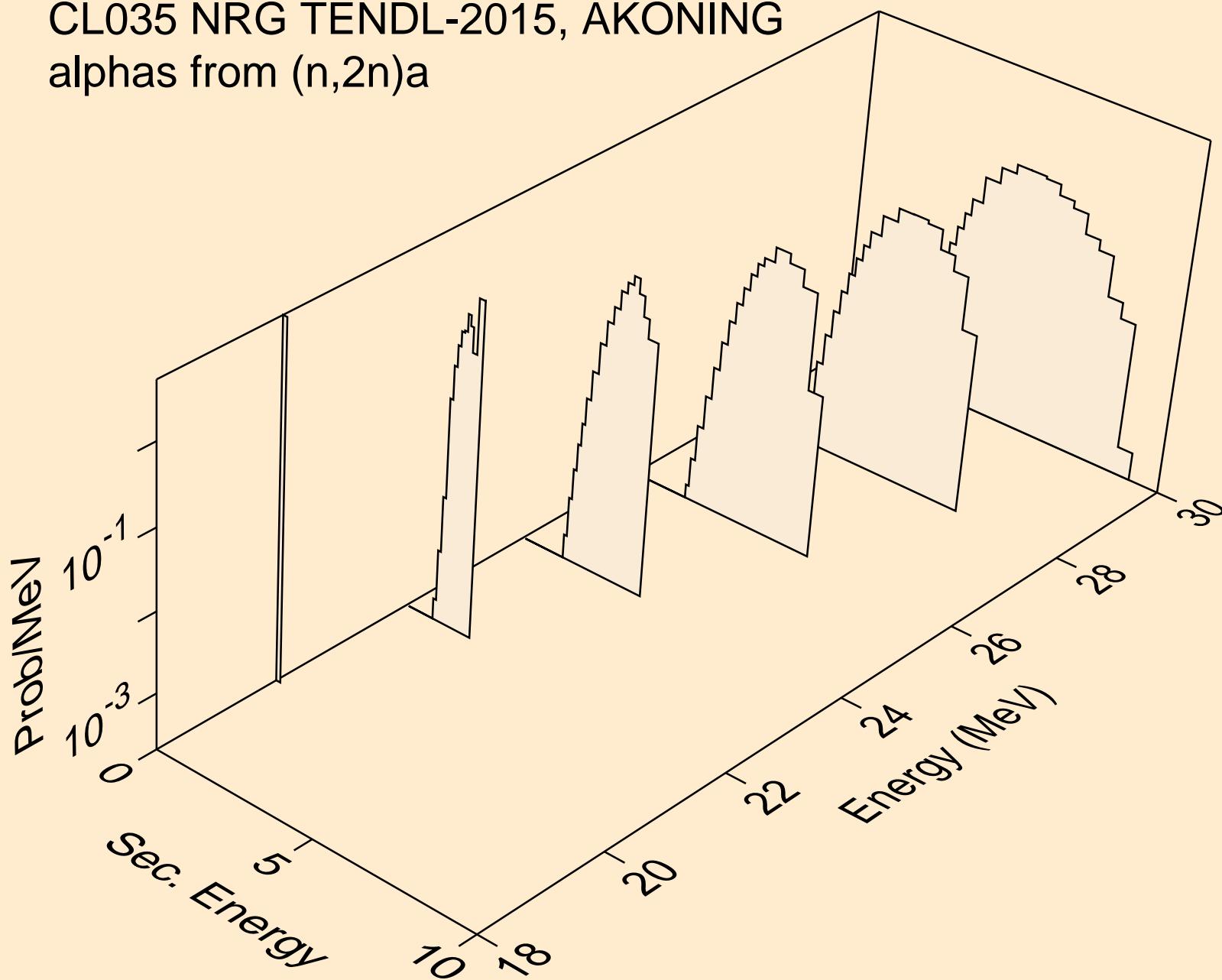
CL035 NRG TENDL-2015, AKONING  
alphas from (n,x)



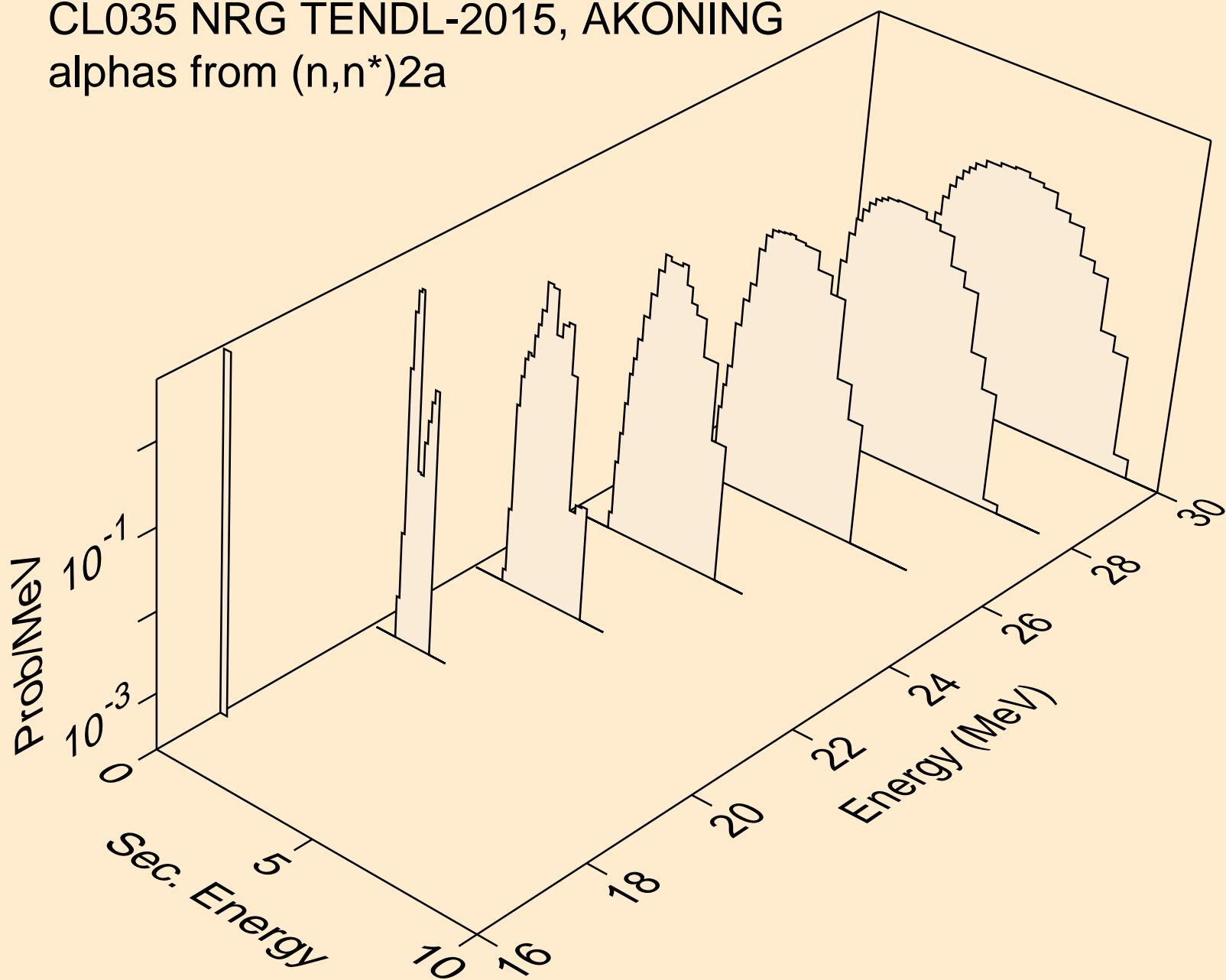
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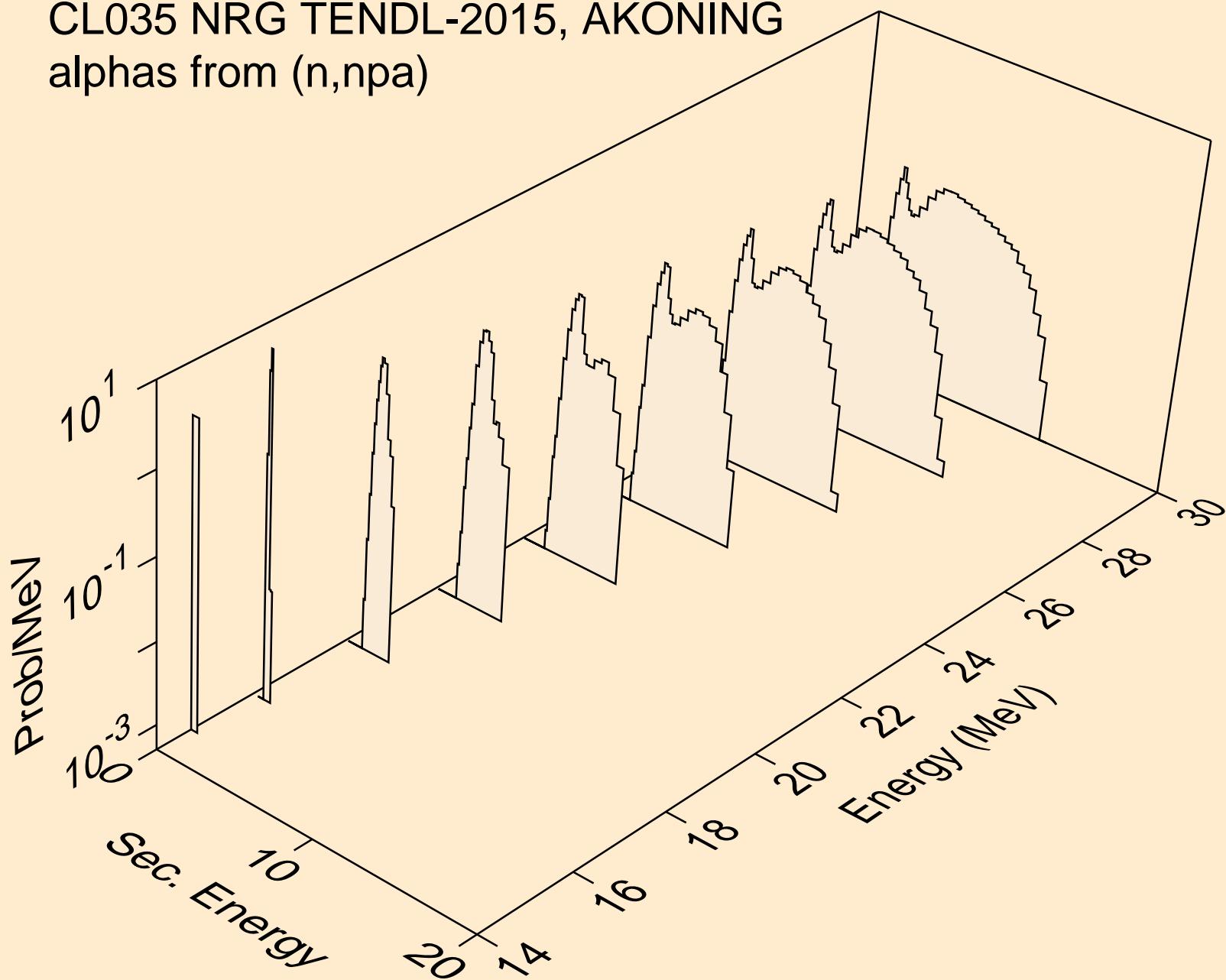
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alphas from ( $n,2n$ )a



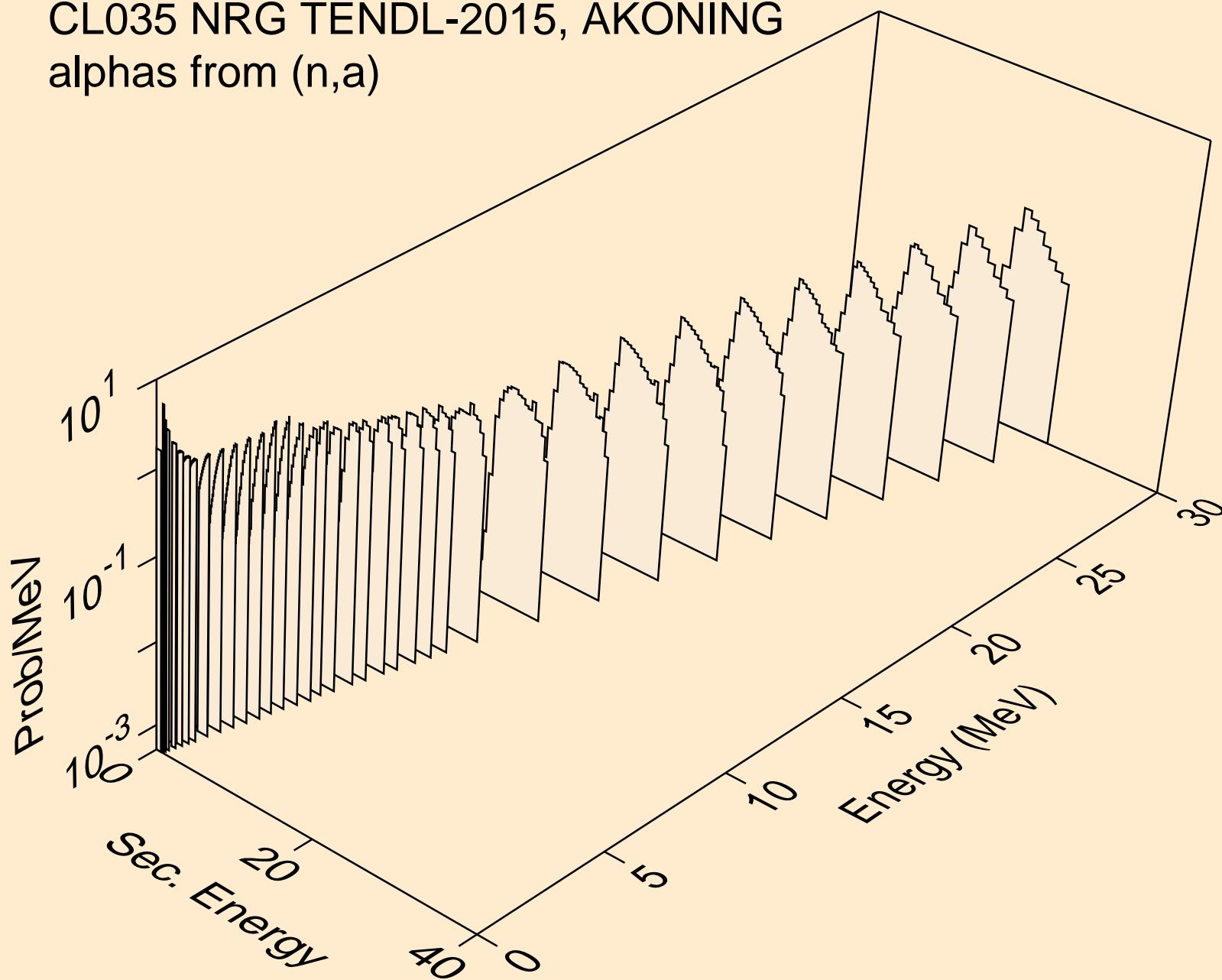
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alphas from  $(n,n^*)2a$



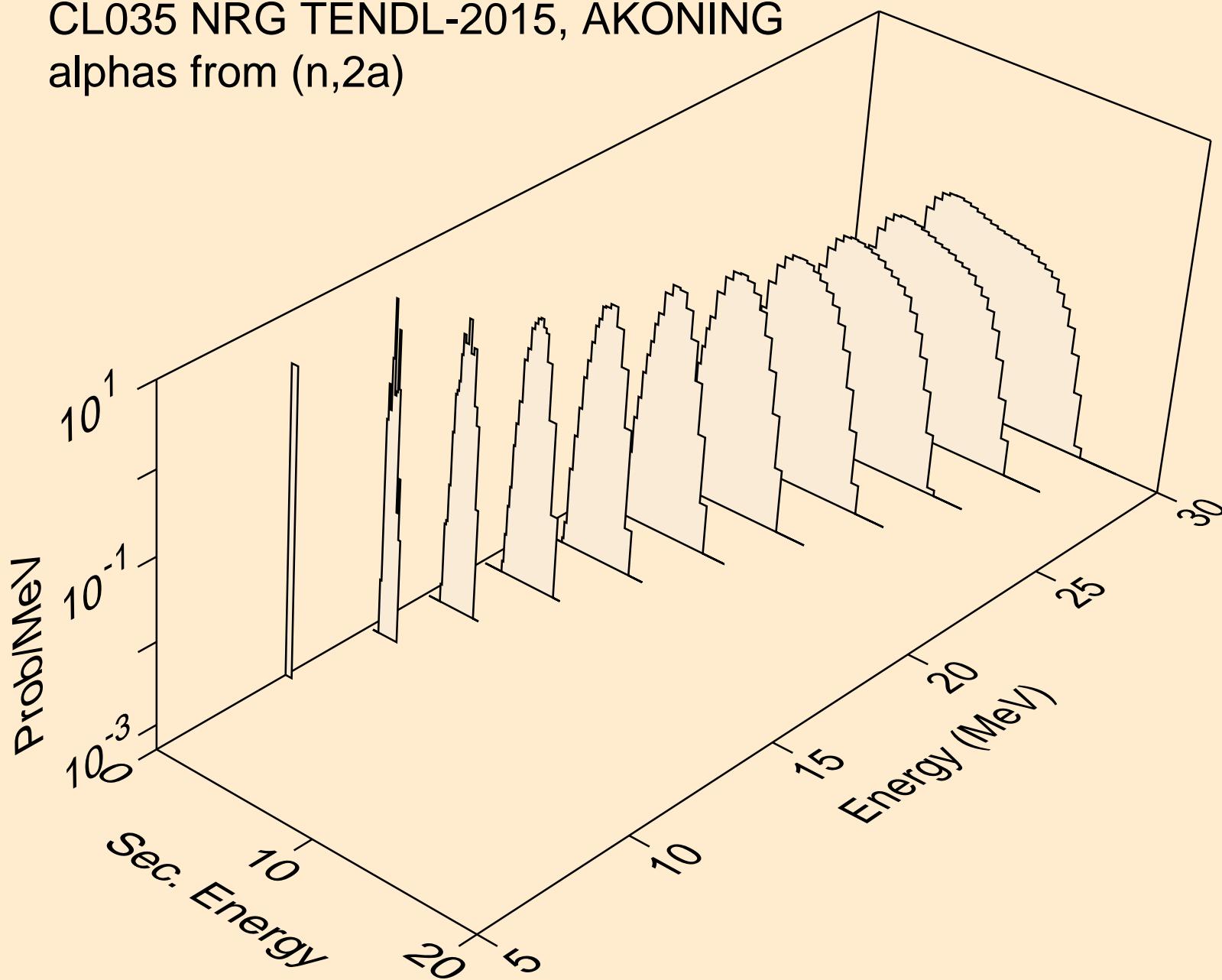
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alphas from (n,npa)



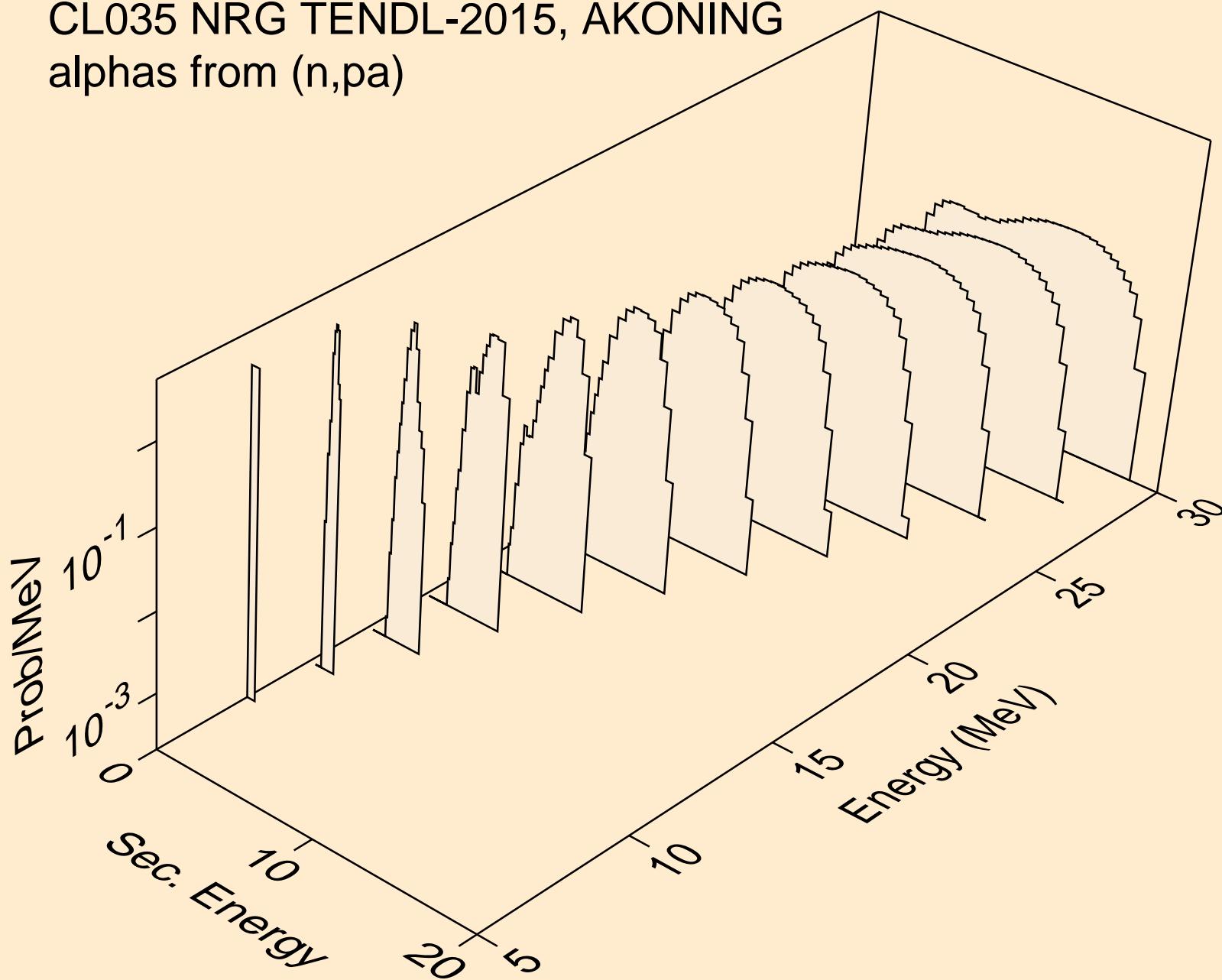
CL035 NRG TENDL-2015, AKONING  
alphas from (n,a)



CL035 NRG TENDL-2015, AKONING  
alphas from (n,2a)



CL035 NRG TENDL-2015, AKONING  
alphas from (n,pa)



CL035 NRG TENDL-2015, AKONING  
alphas from (n,da)

