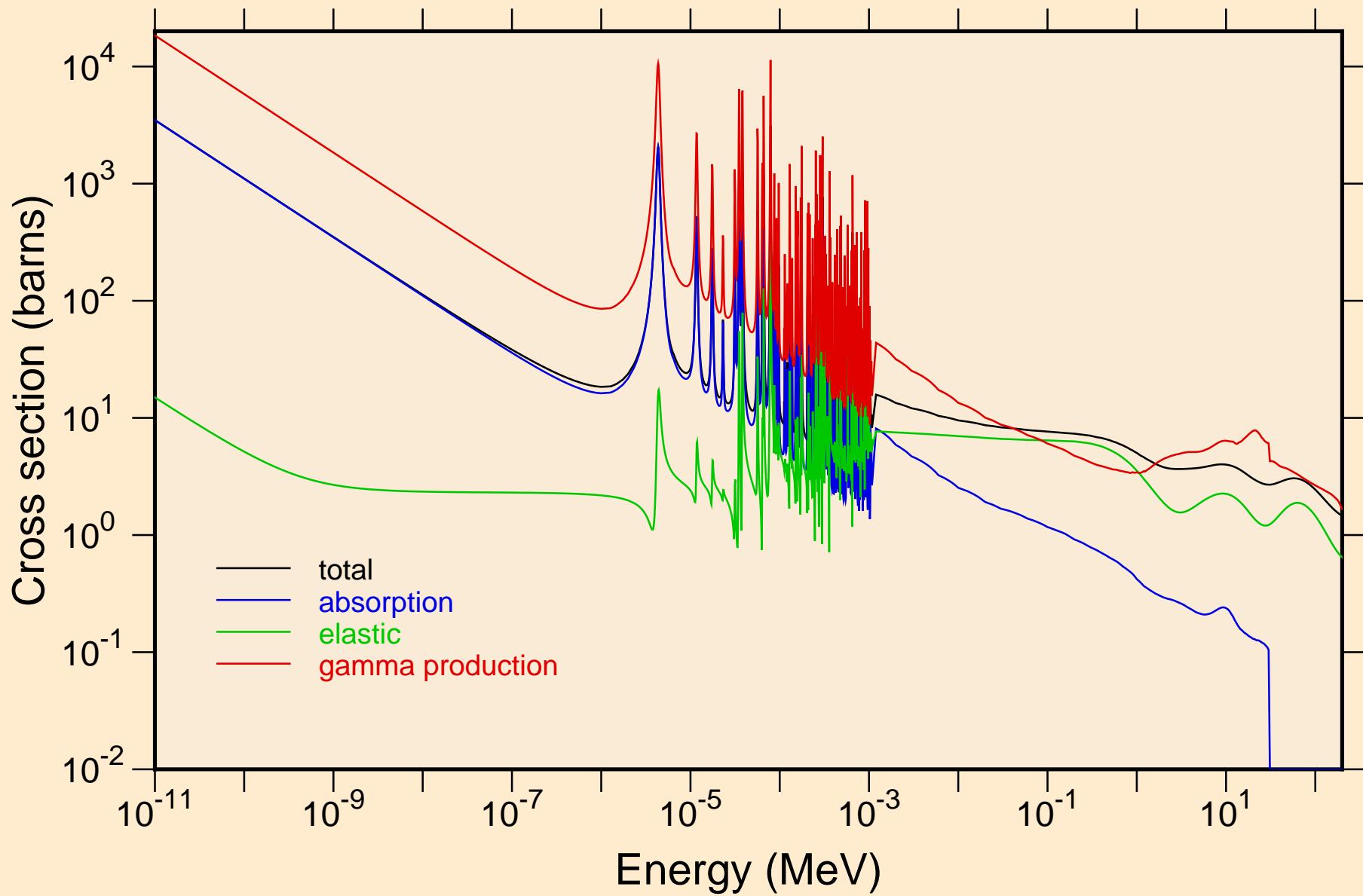
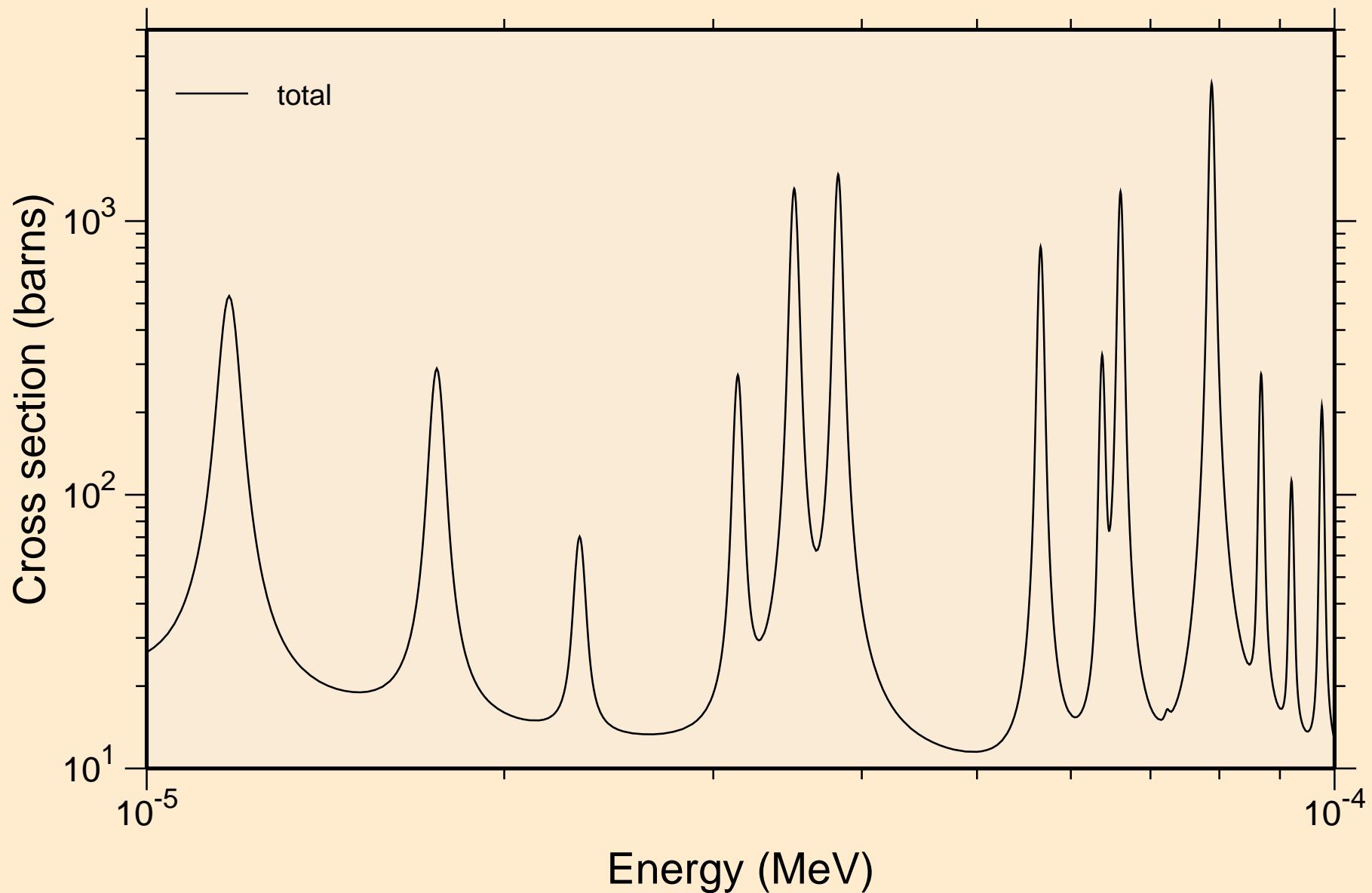


# RB081M NRG TENDL-2015, AKONING

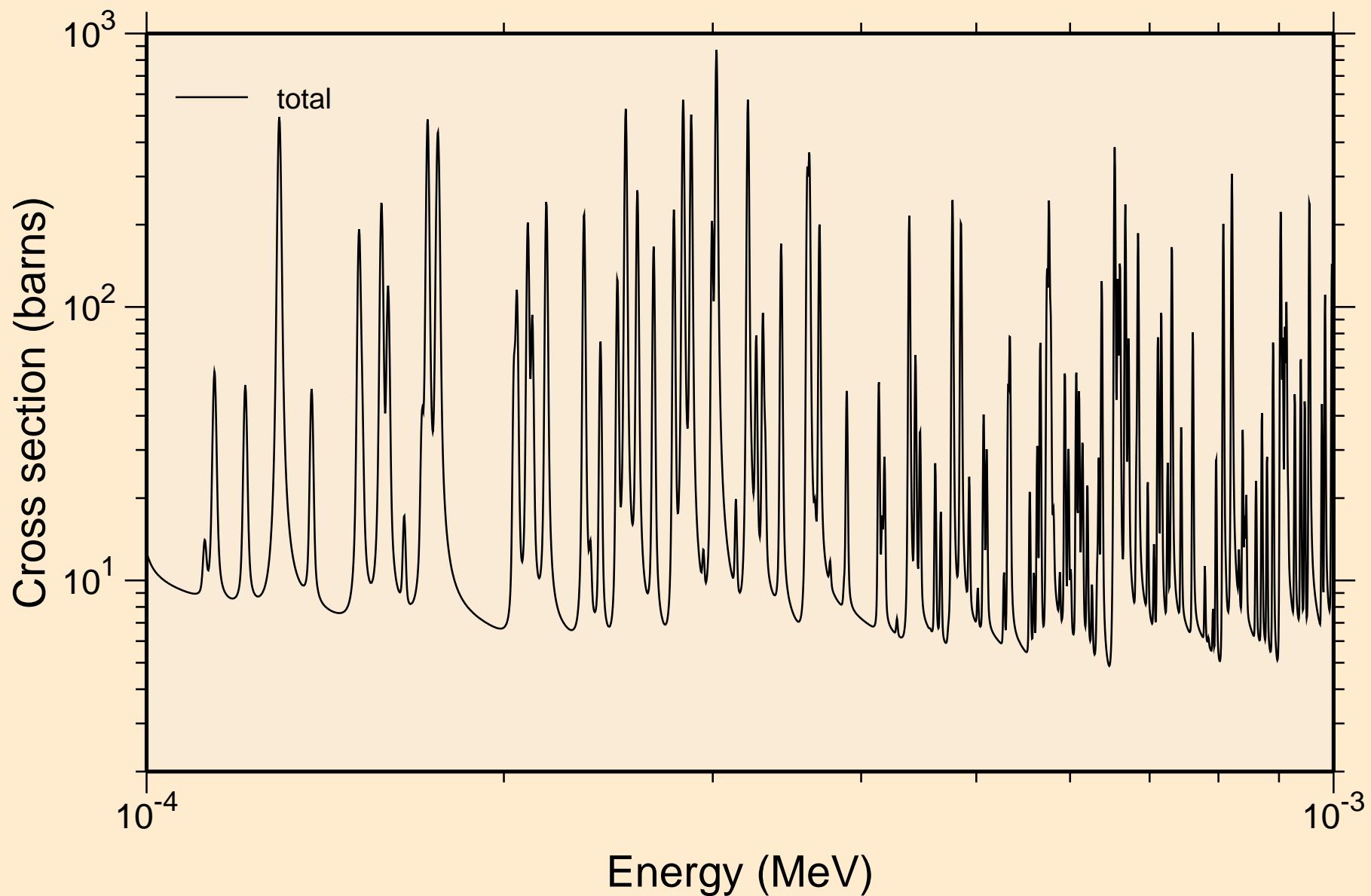
## Principal cross sections



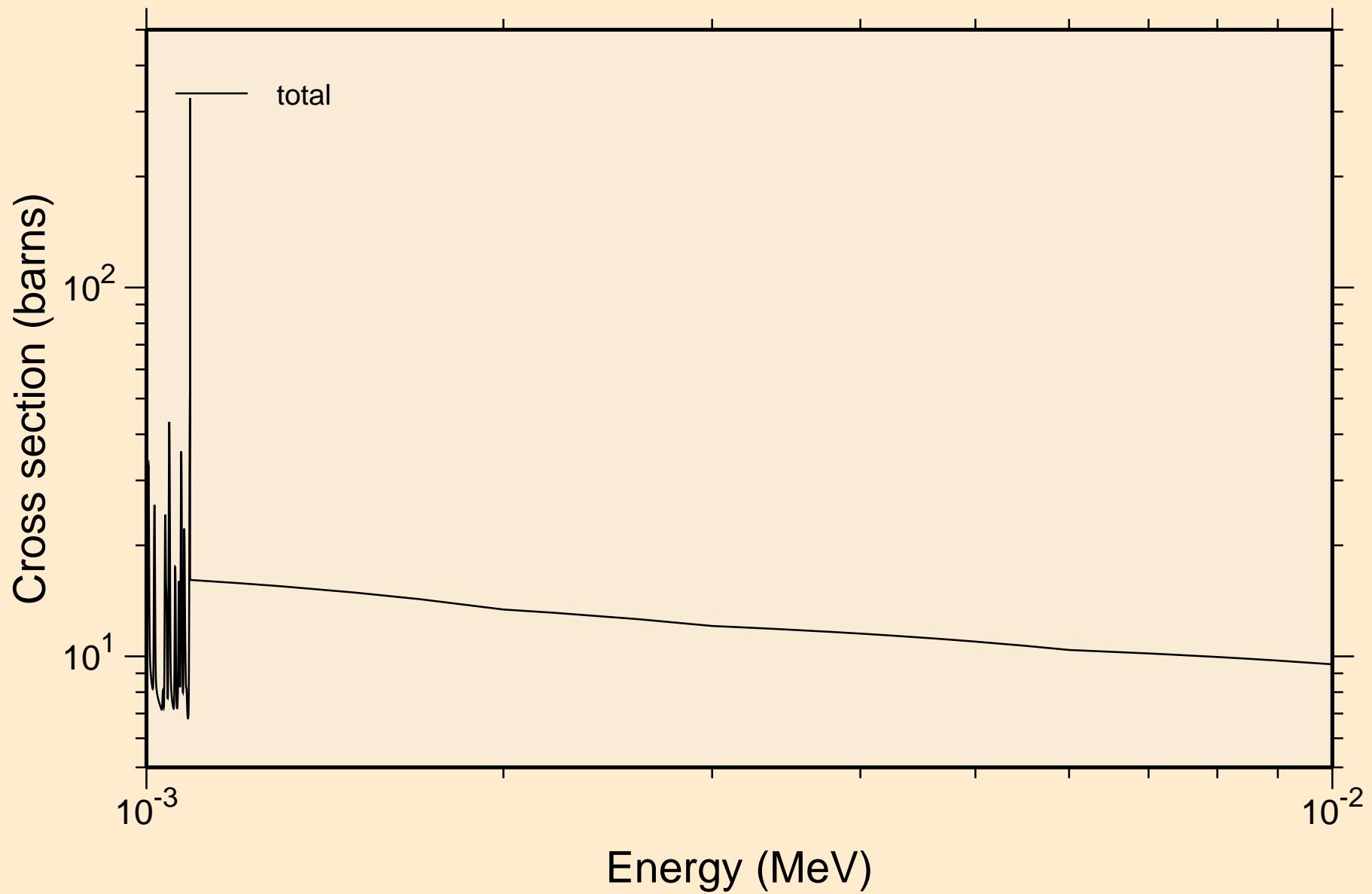
RB081M NRG TENDL-2015, AKONING  
resonance total cross section



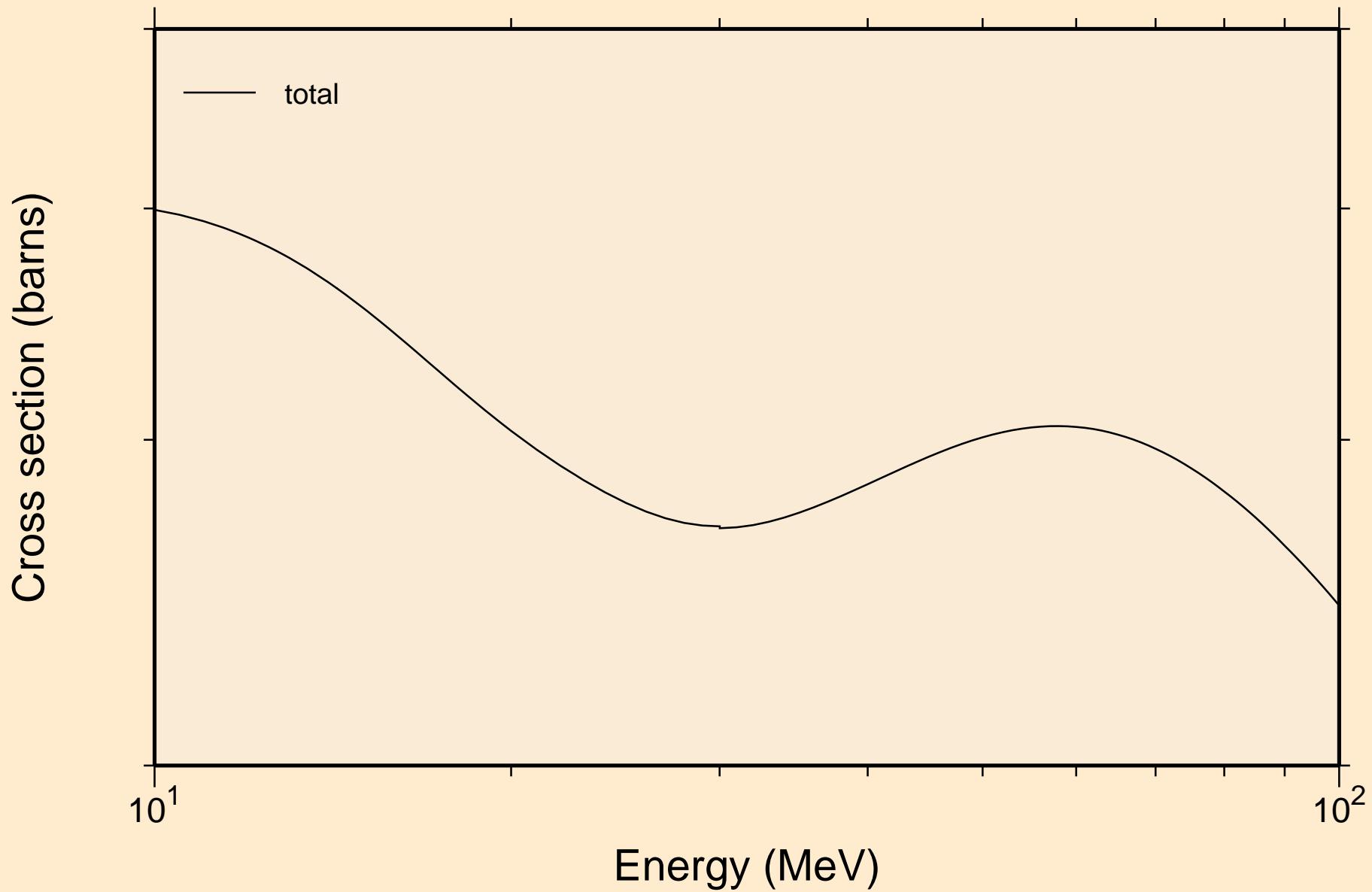
RB081M NRG TENDL-2015, AKONING  
resonance total cross section



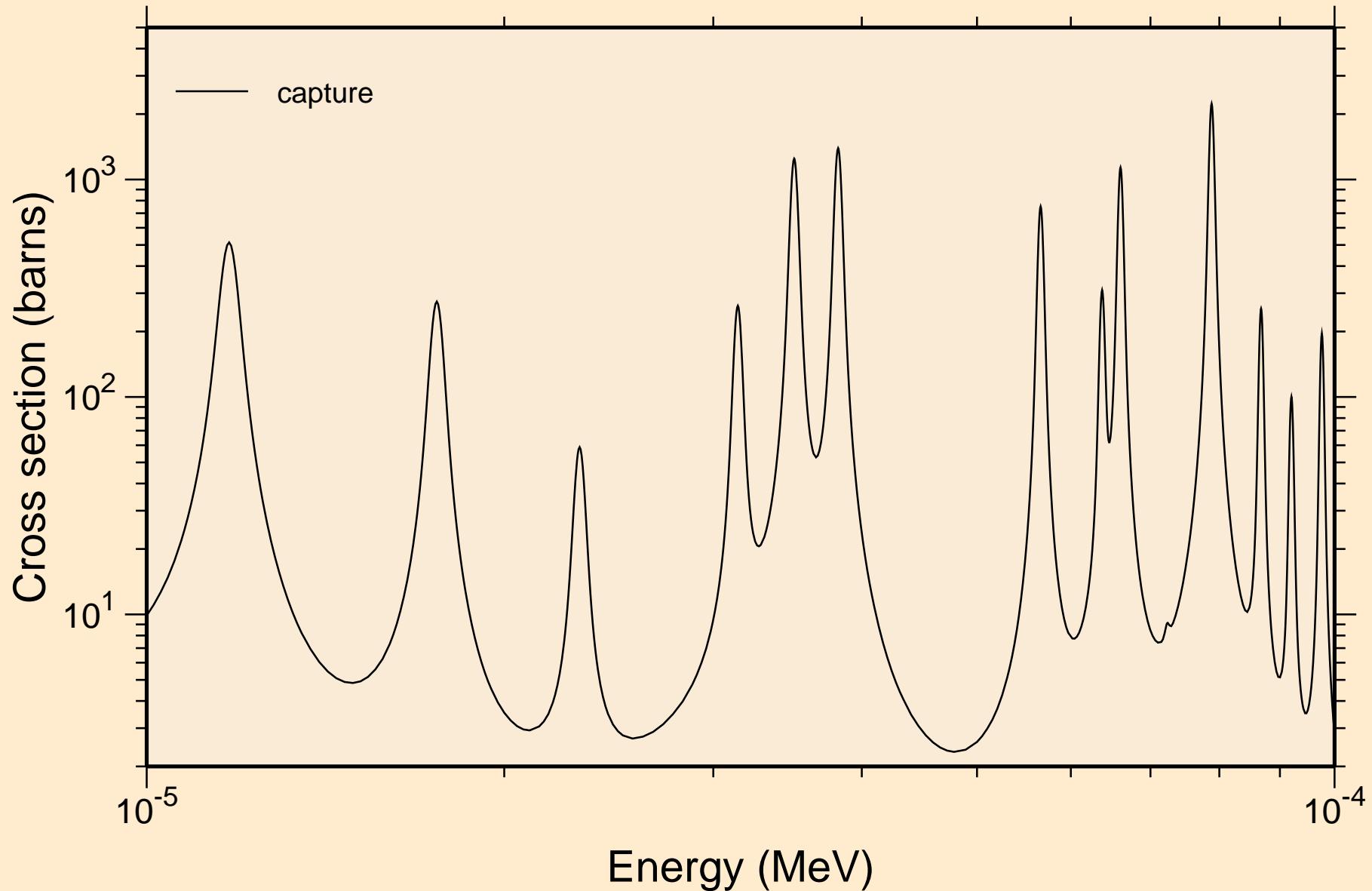
RB081M NRG TENDL-2015, AKONING  
resonance total cross section



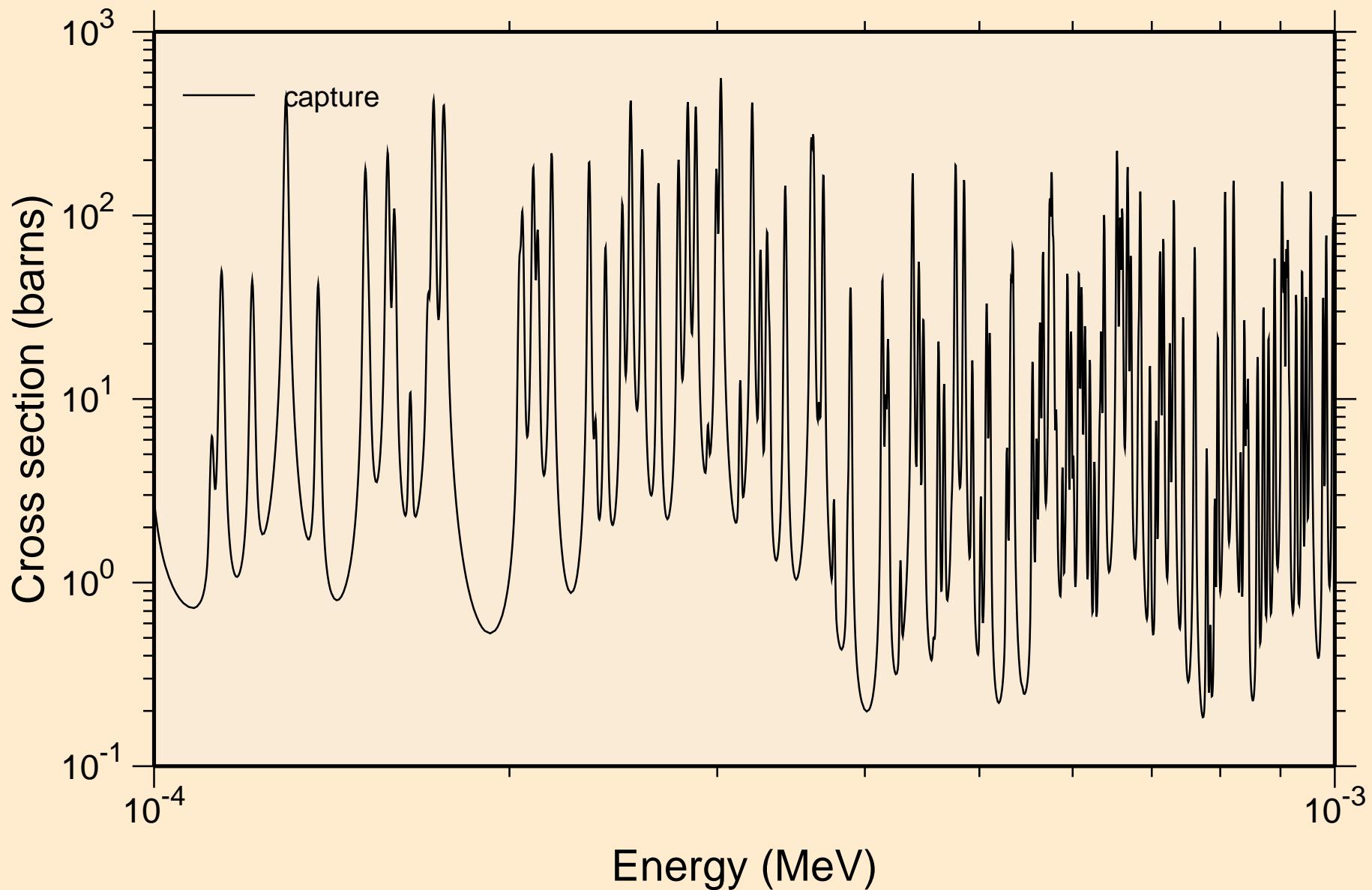
R<sub>B</sub>081M NRG TENDL-2015, AKONING  
resonance total cross section



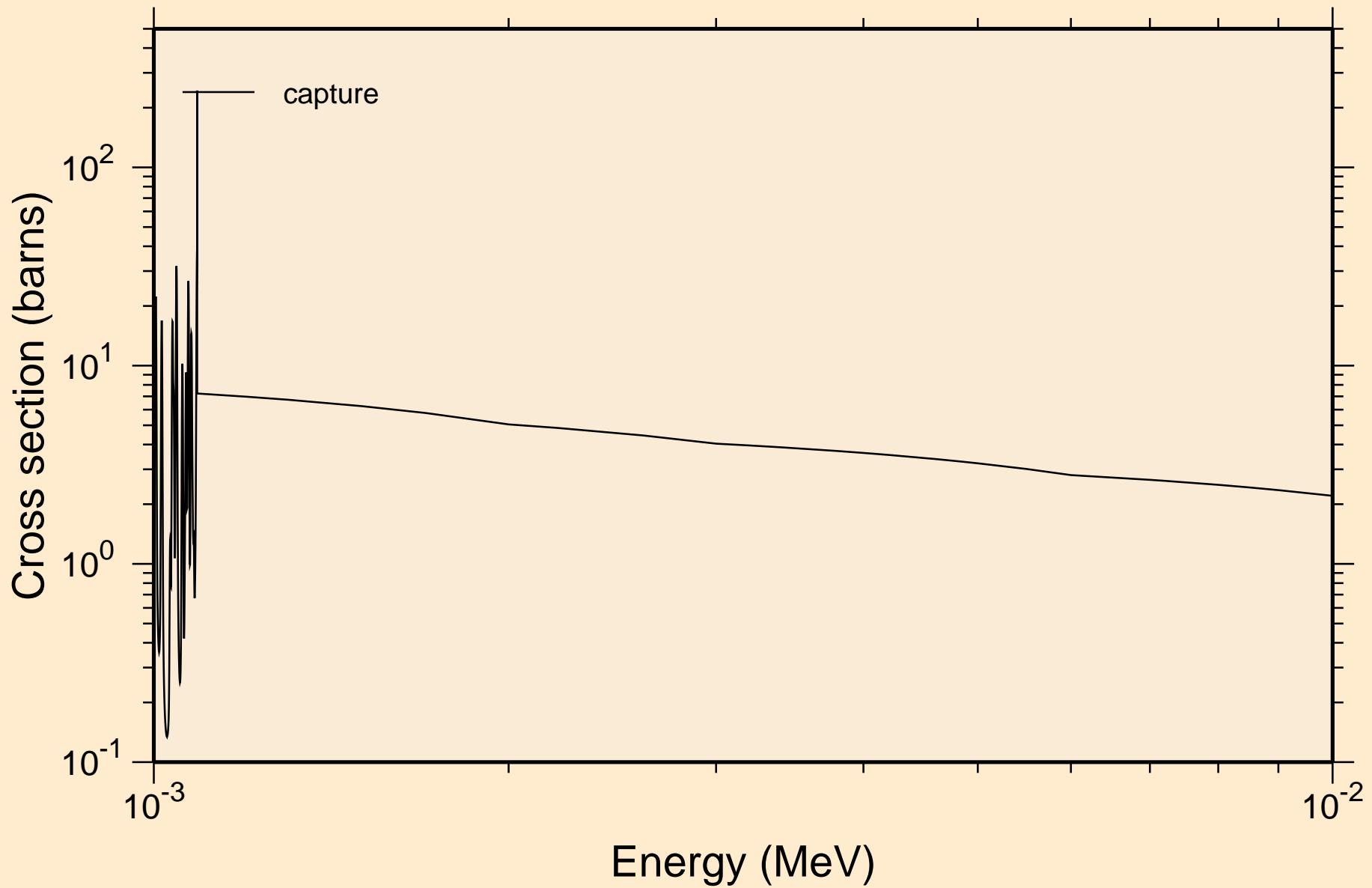
# RB081M NRG TENDL-2015, AKONING resonance absorption cross sections



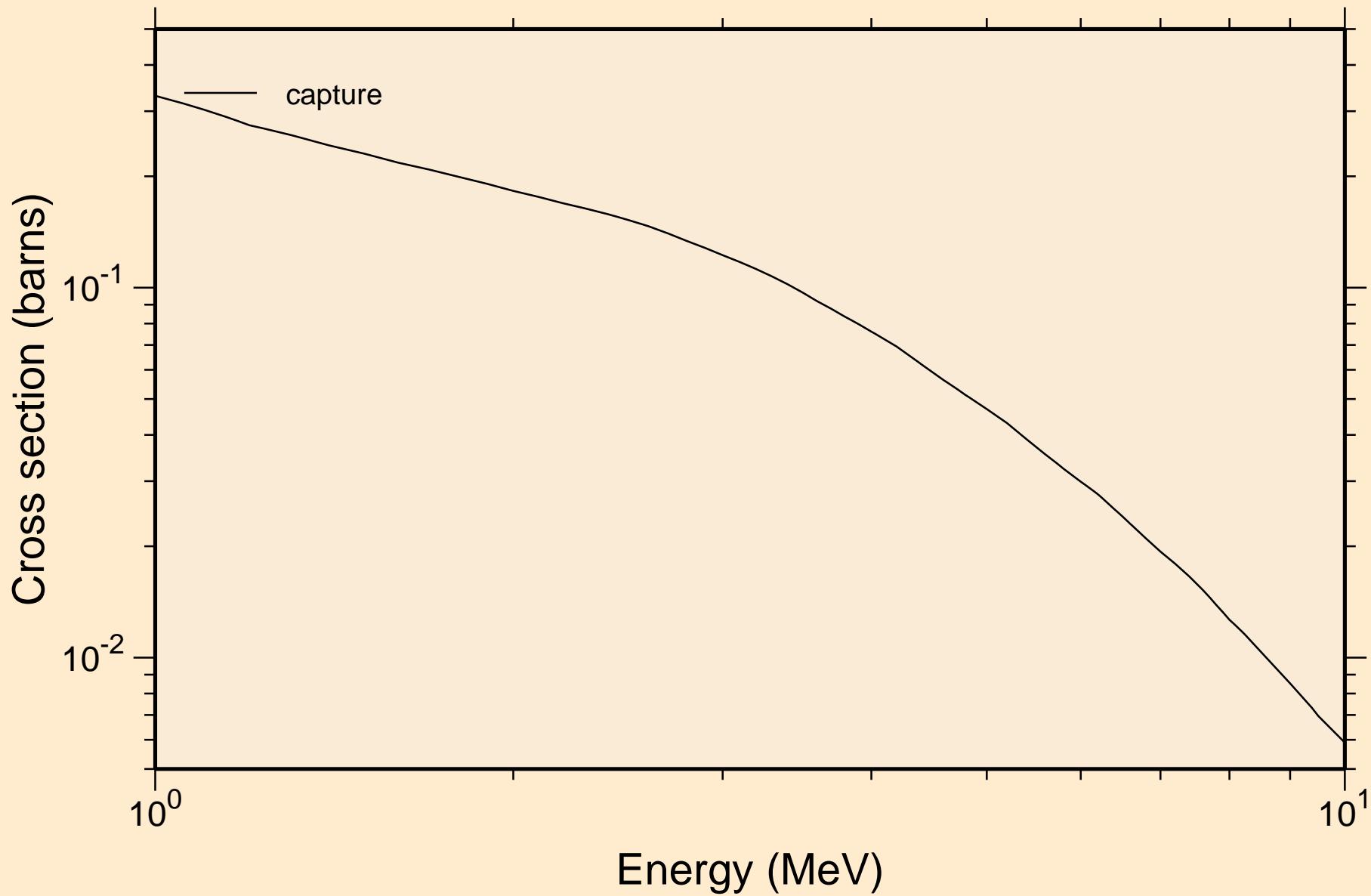
# RB081M NRG TENDL-2015, AKONING resonance absorption cross sections



RB081M NRG TENDL-2015, AKONING  
resonance absorption cross sections

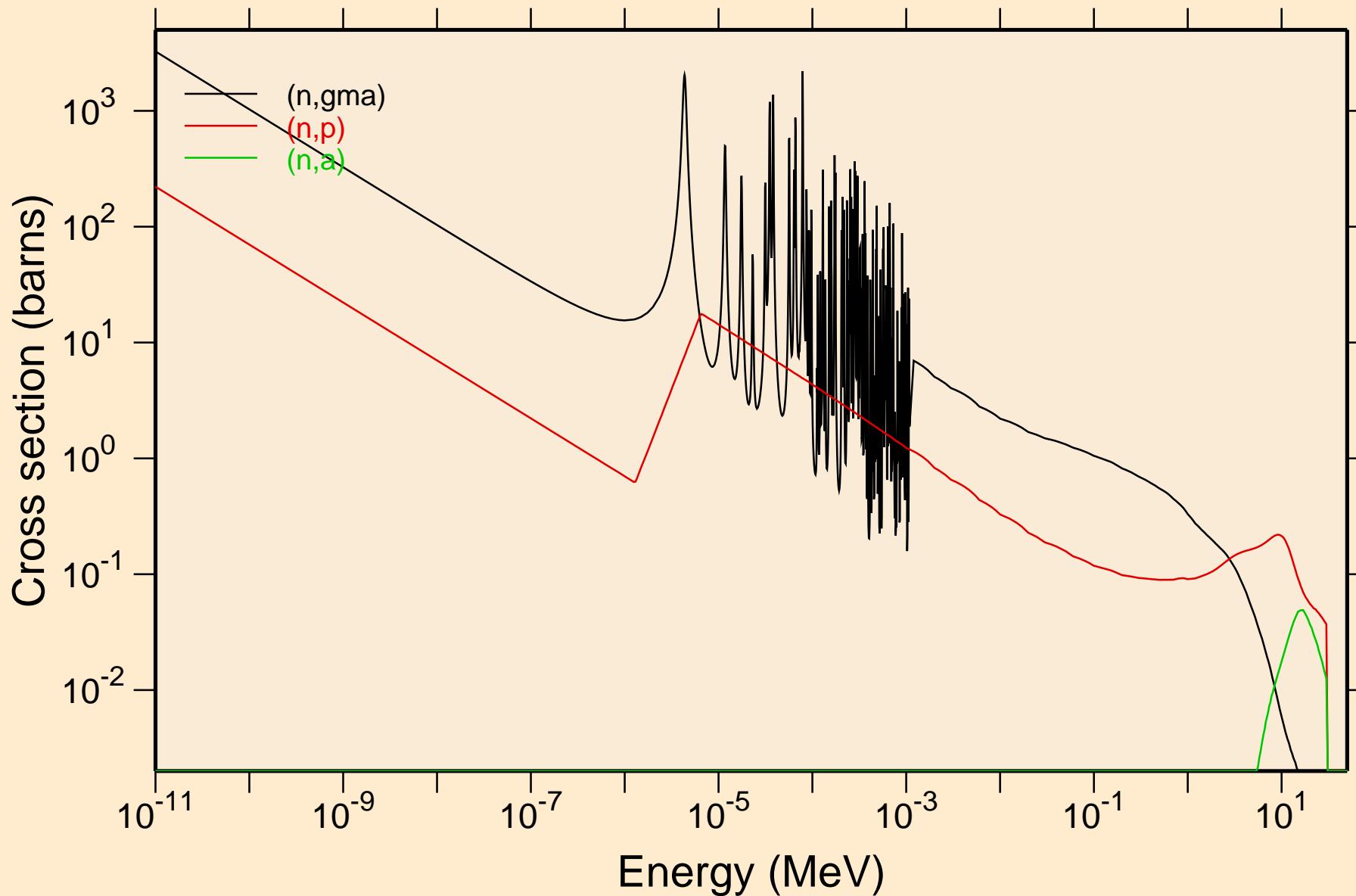


RB081M NRG TENDL-2015, AKONING  
resonance absorption cross sections



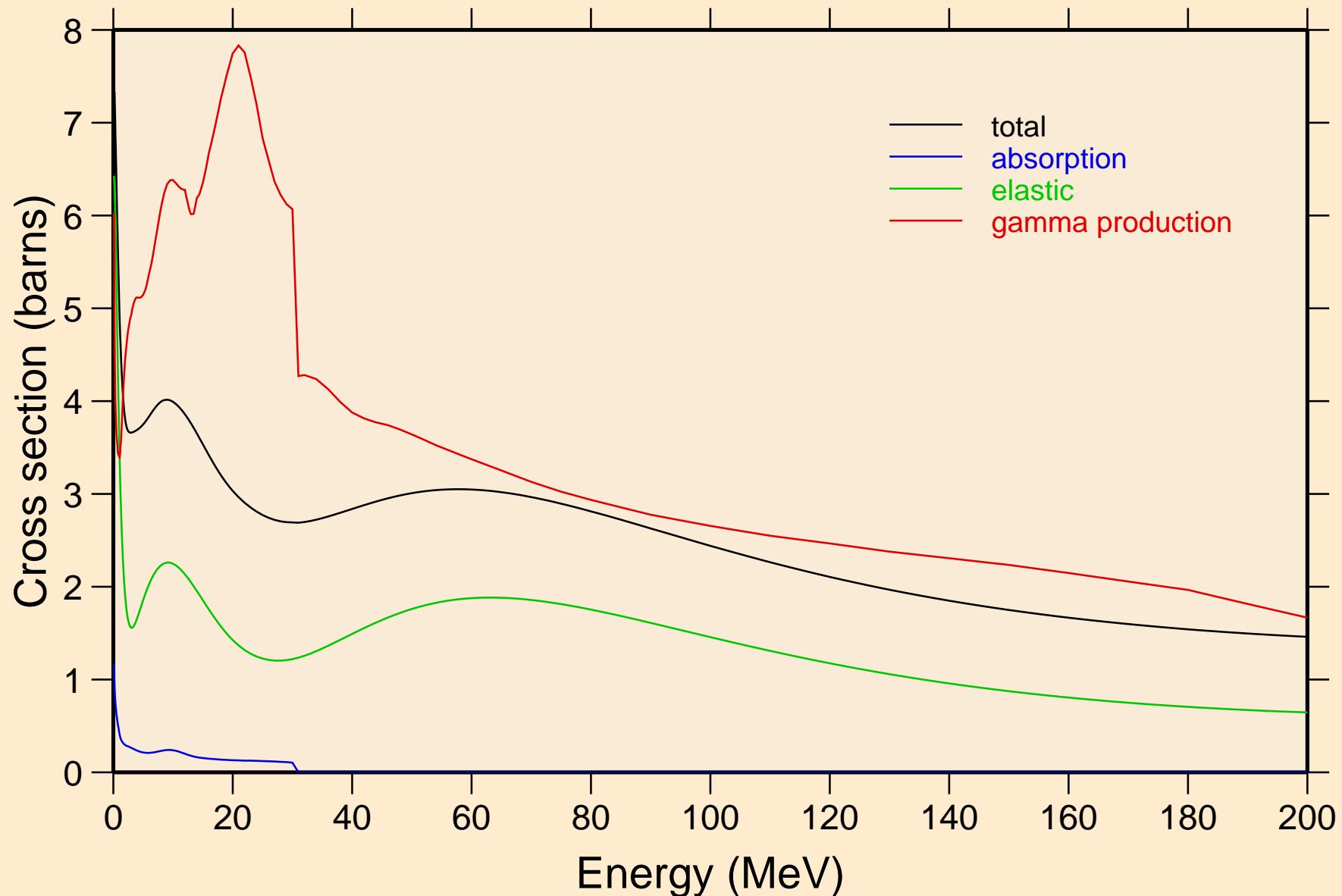
# RB081M NRG TENDL-2015, AKONING

## Non-threshold reactions



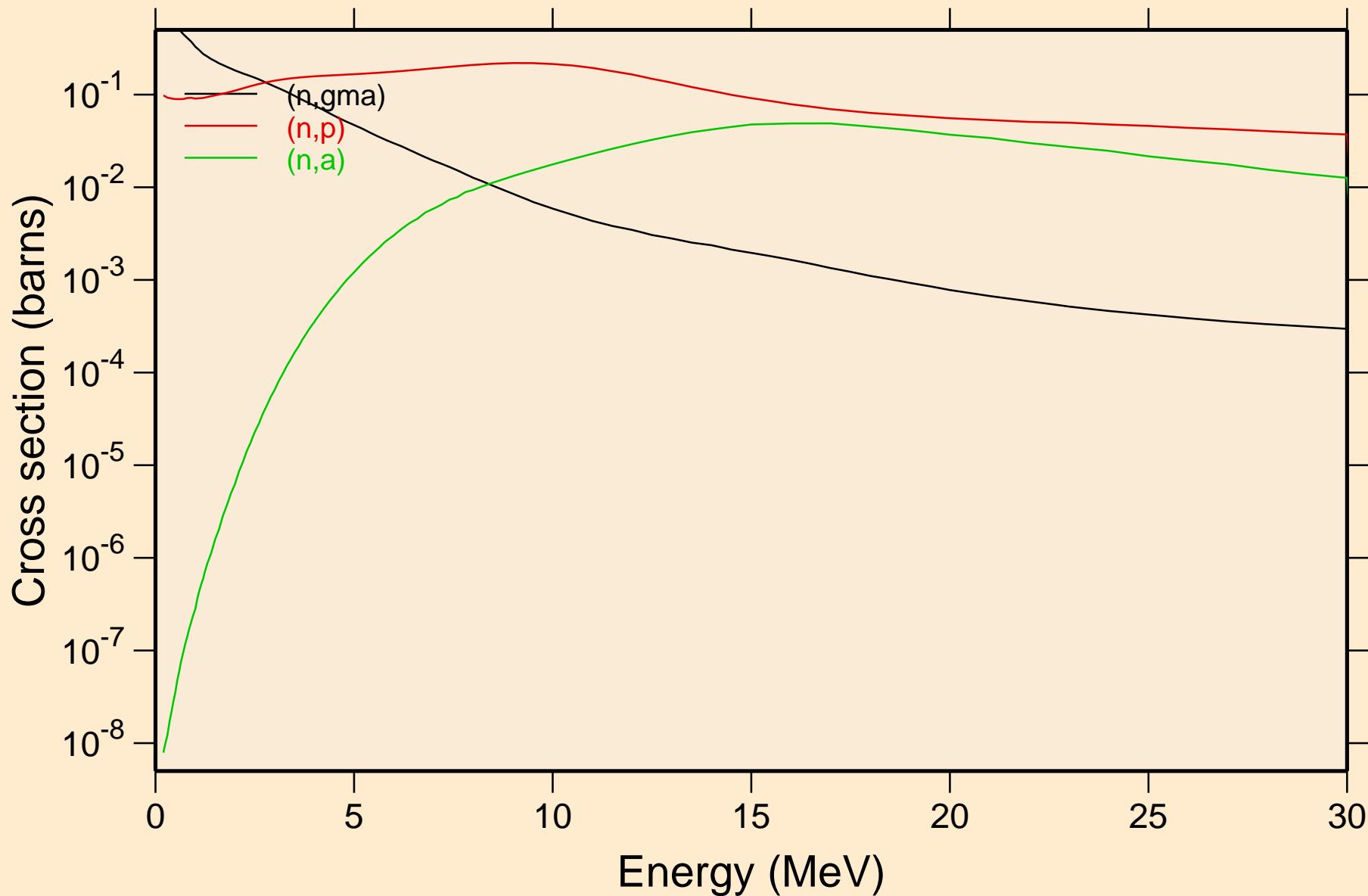
# RB081M NRG TENDL-2015, AKONING

## Principal cross sections



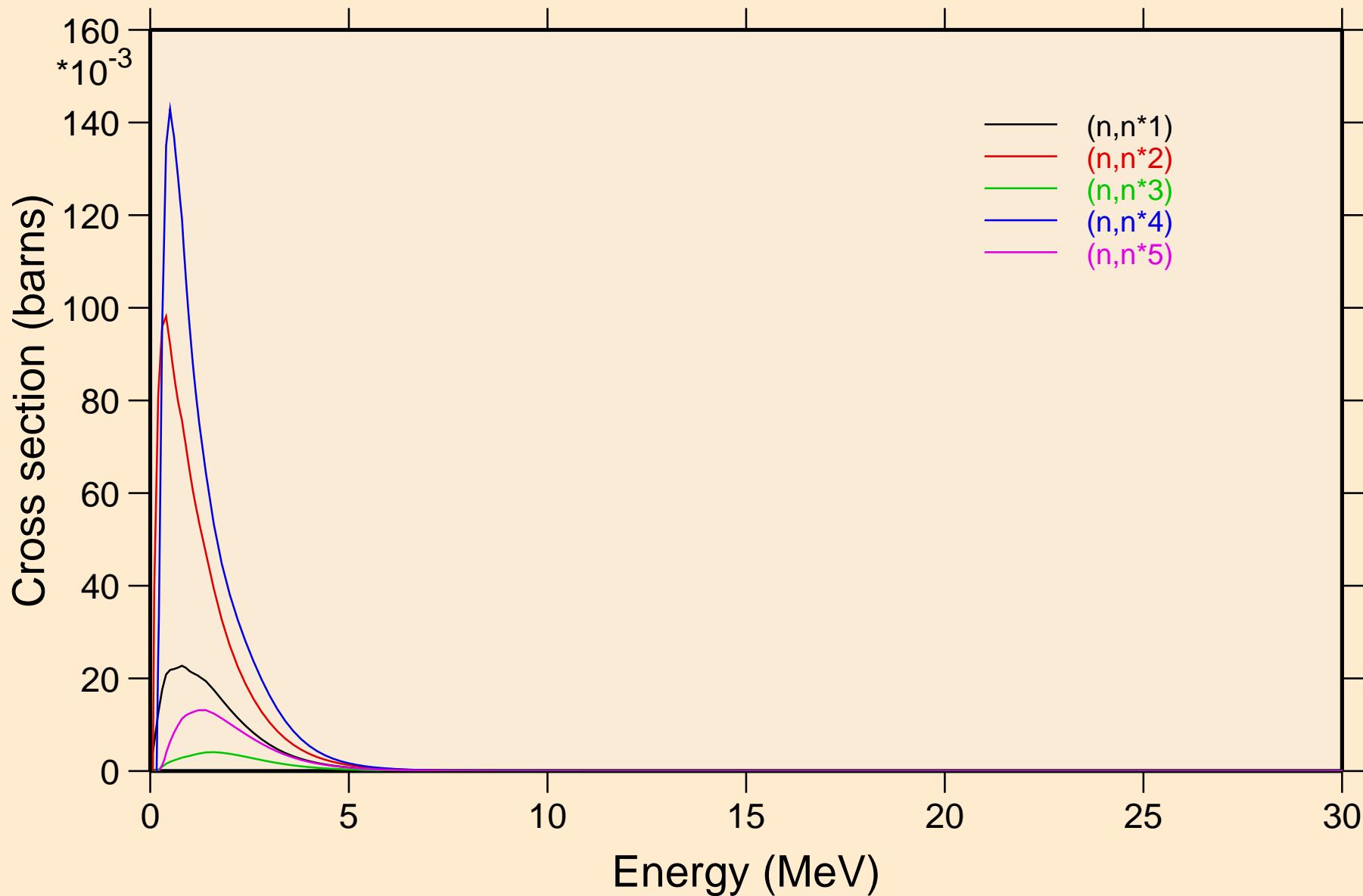
# RB081M NRG TENDL-2015, AKONING

## Non-threshold reactions



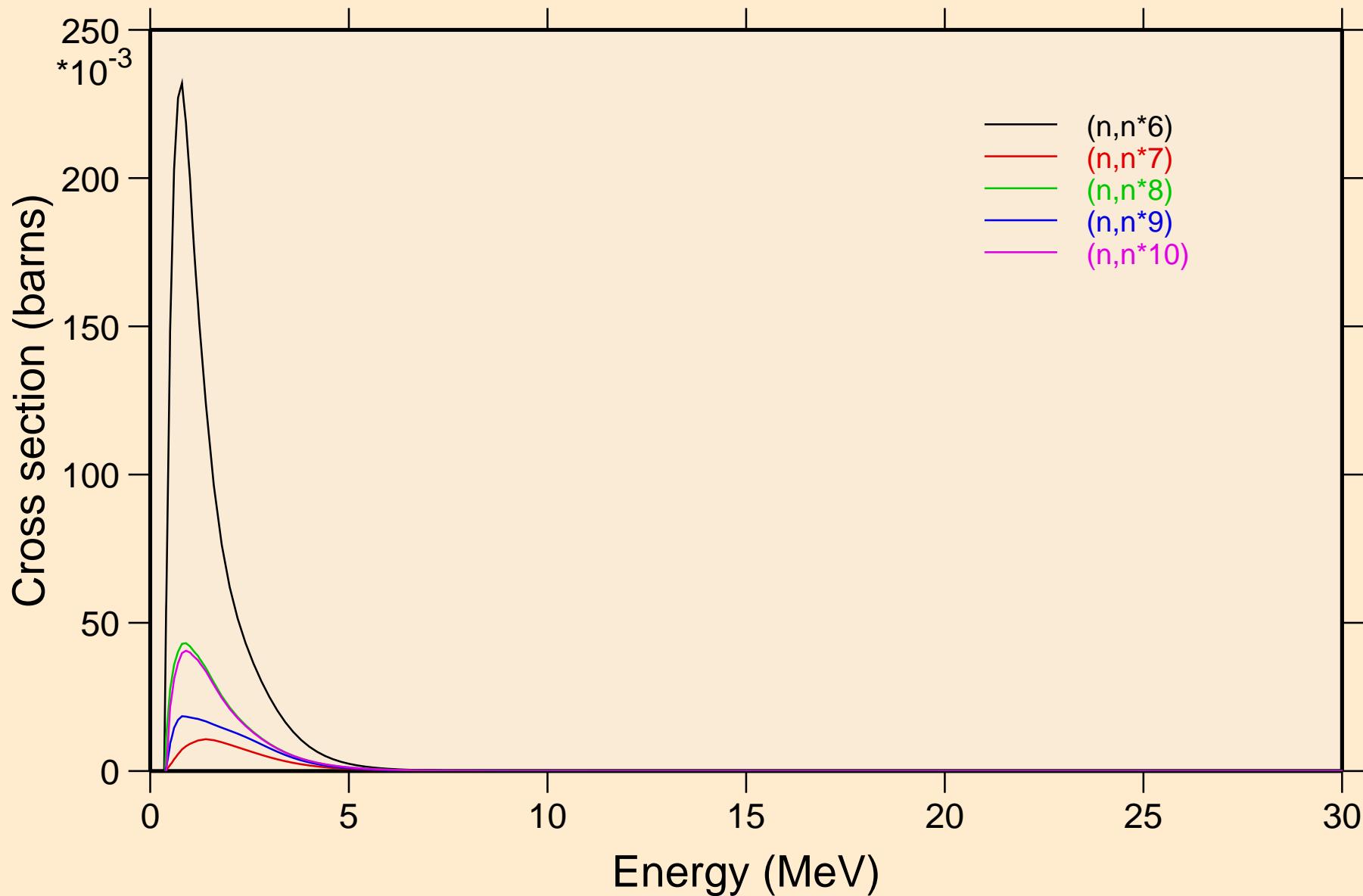
# RB081M NRG TENDL-2015, AKONING

## Inelastic levels



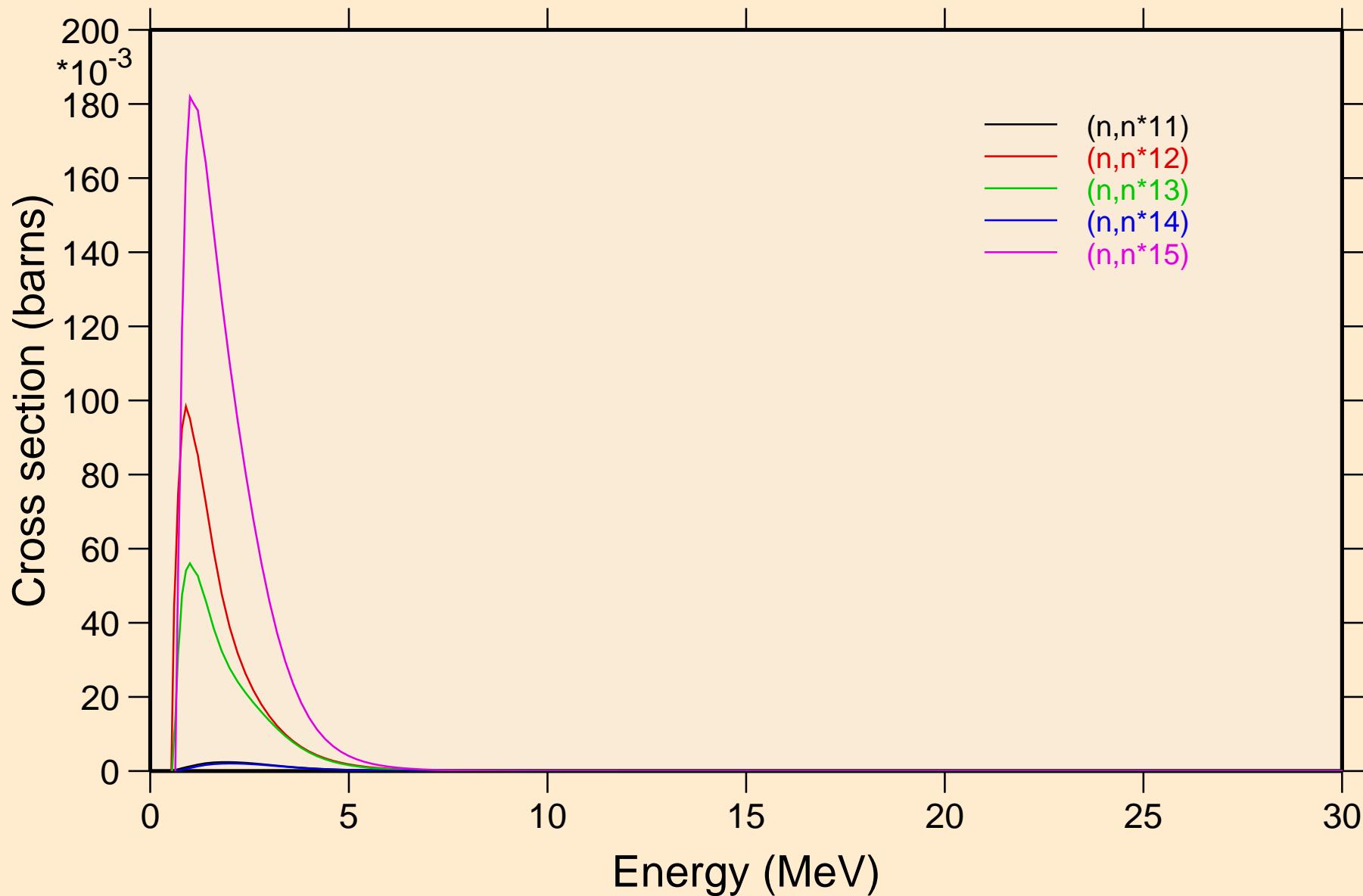
# RB081M NRG TENDL-2015, AKONING

## Inelastic levels



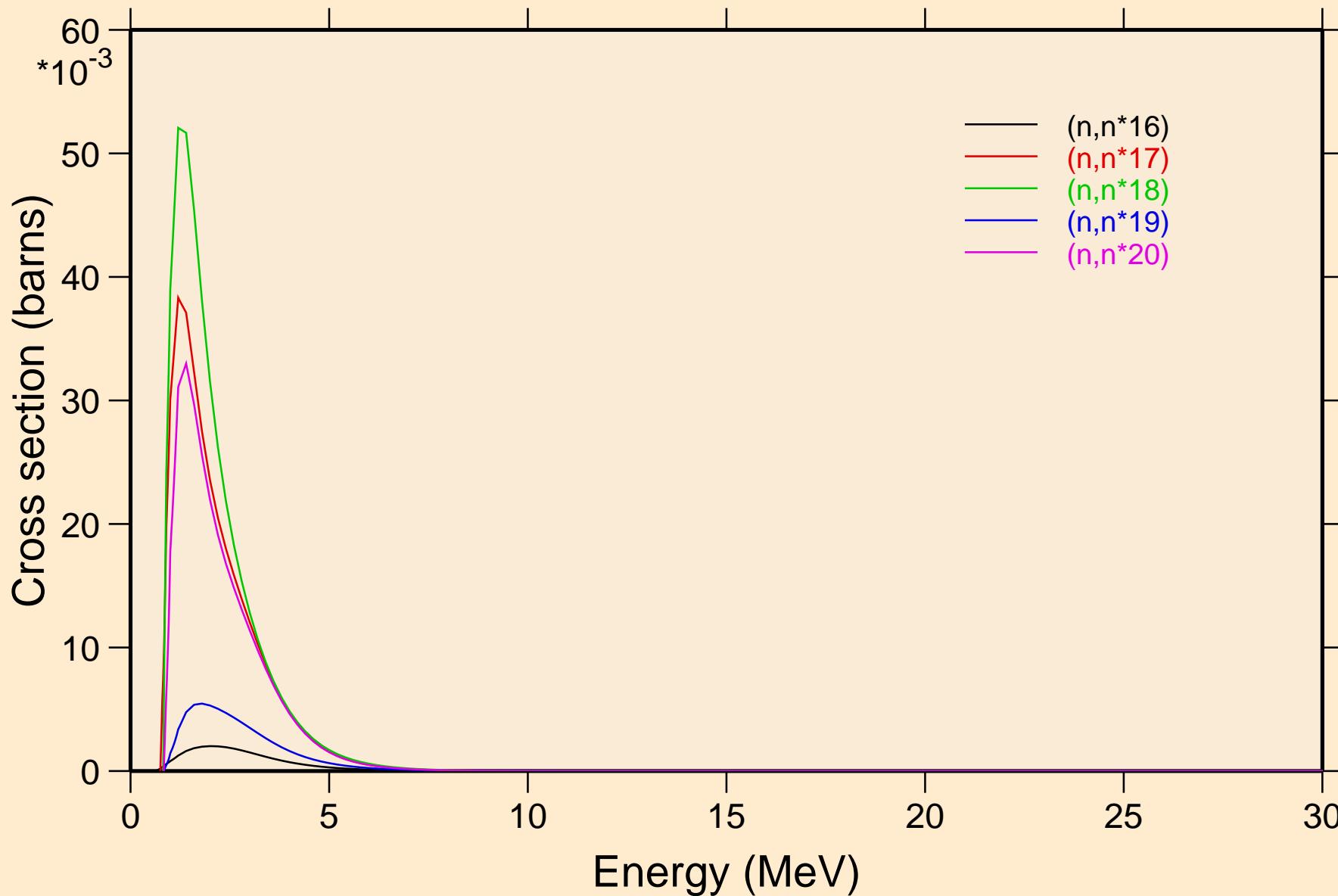
# RB081M NRG TENDL-2015, AKONING

## Inelastic levels



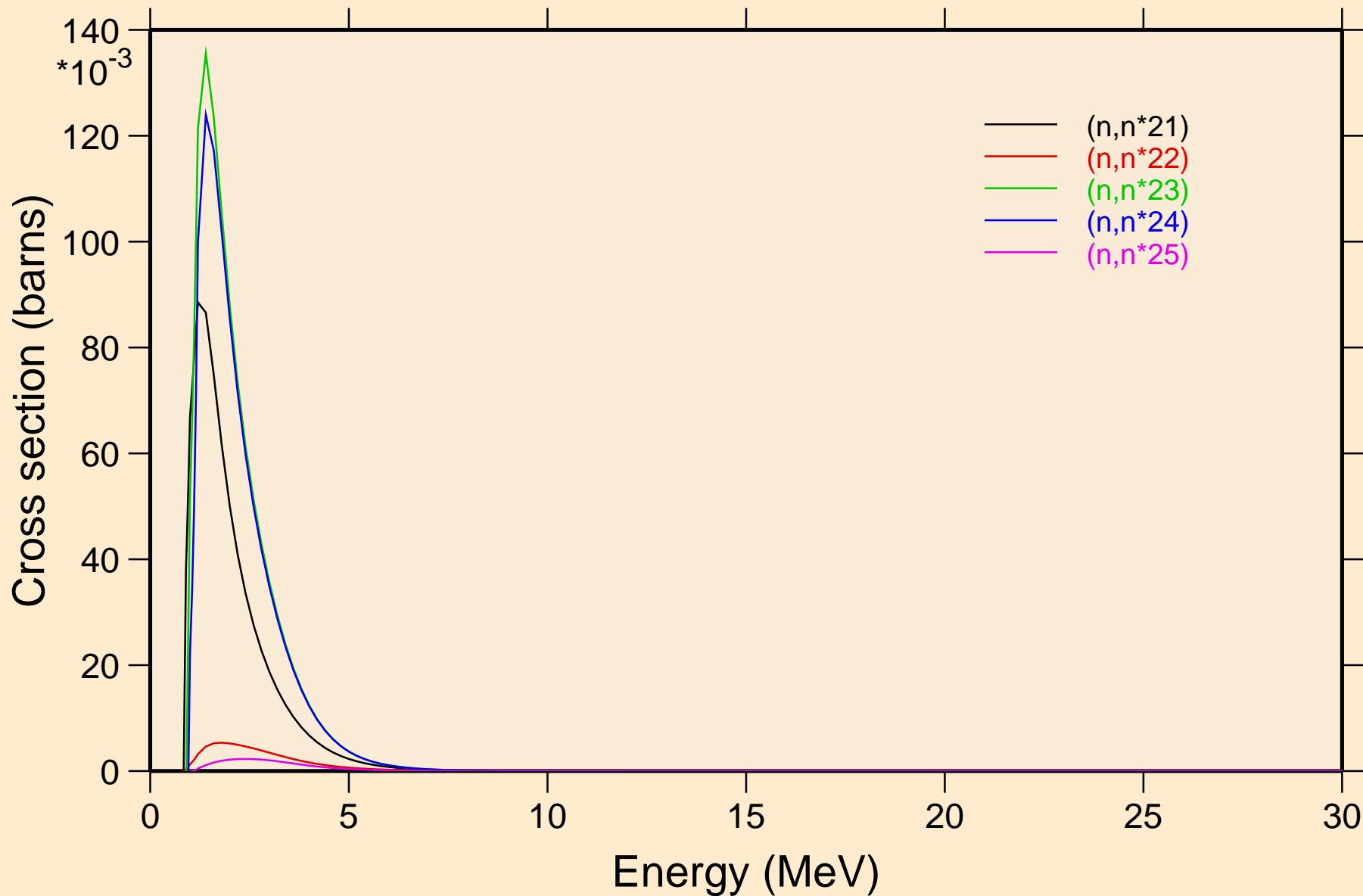
# RB081M NRG TENDL-2015, AKONING

## Inelastic levels



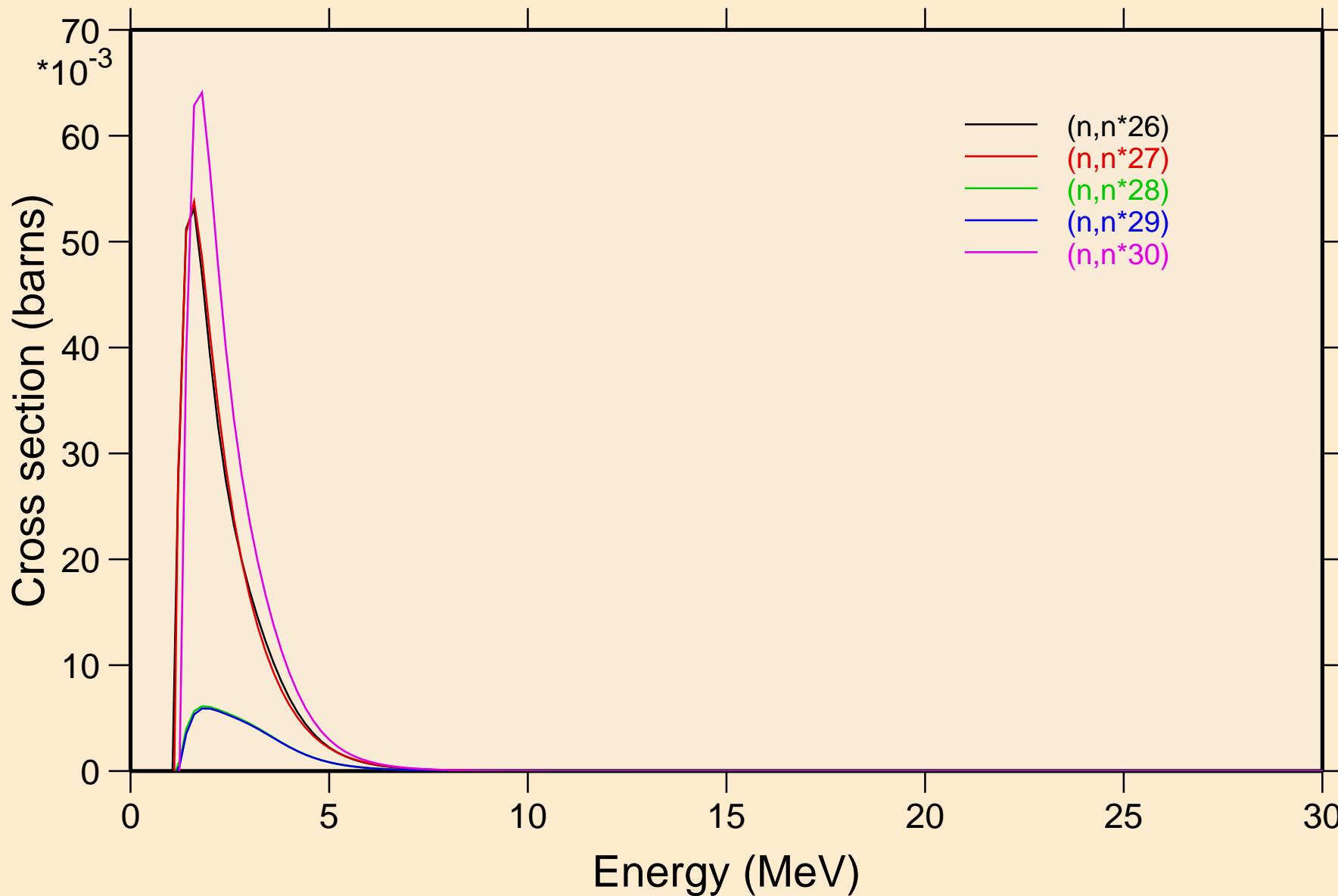
# RB081M NRG TENDL-2015, AKONING

## Inelastic levels



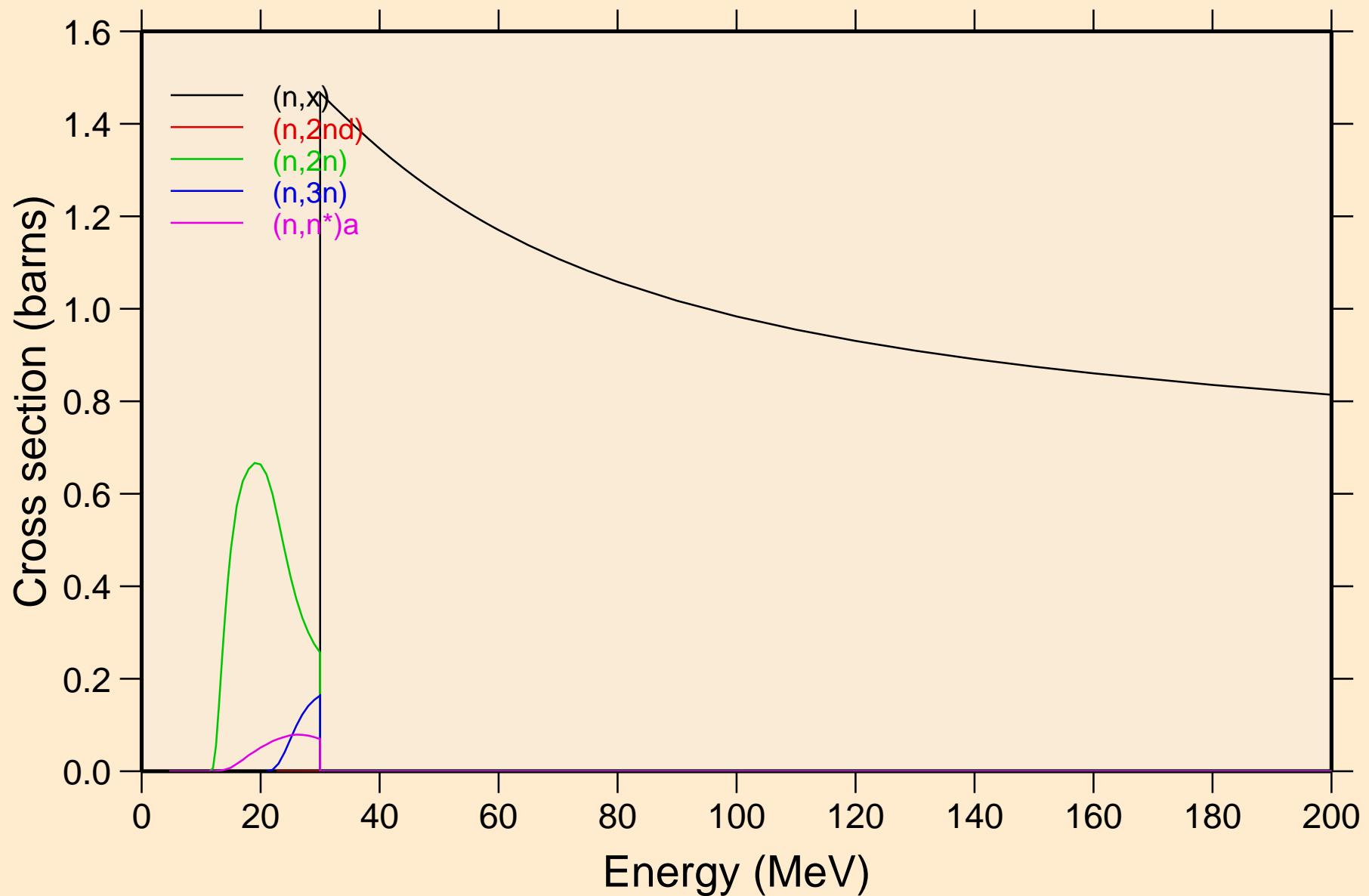
# RB081M NRG TENDL-2015, AKONING

## Inelastic levels



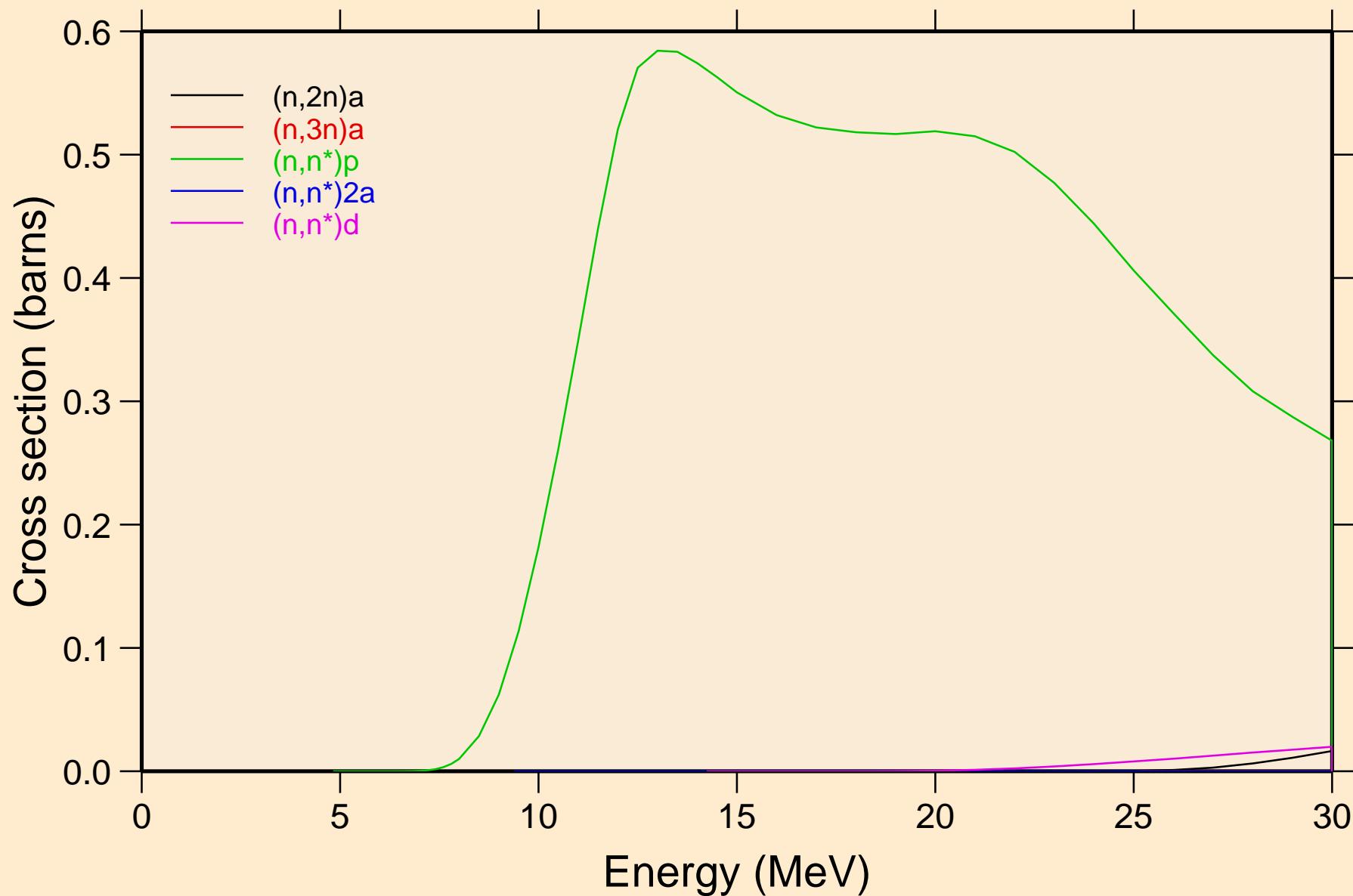
# RB081M NRG TENDL-2015, AKONING

## Threshold reactions



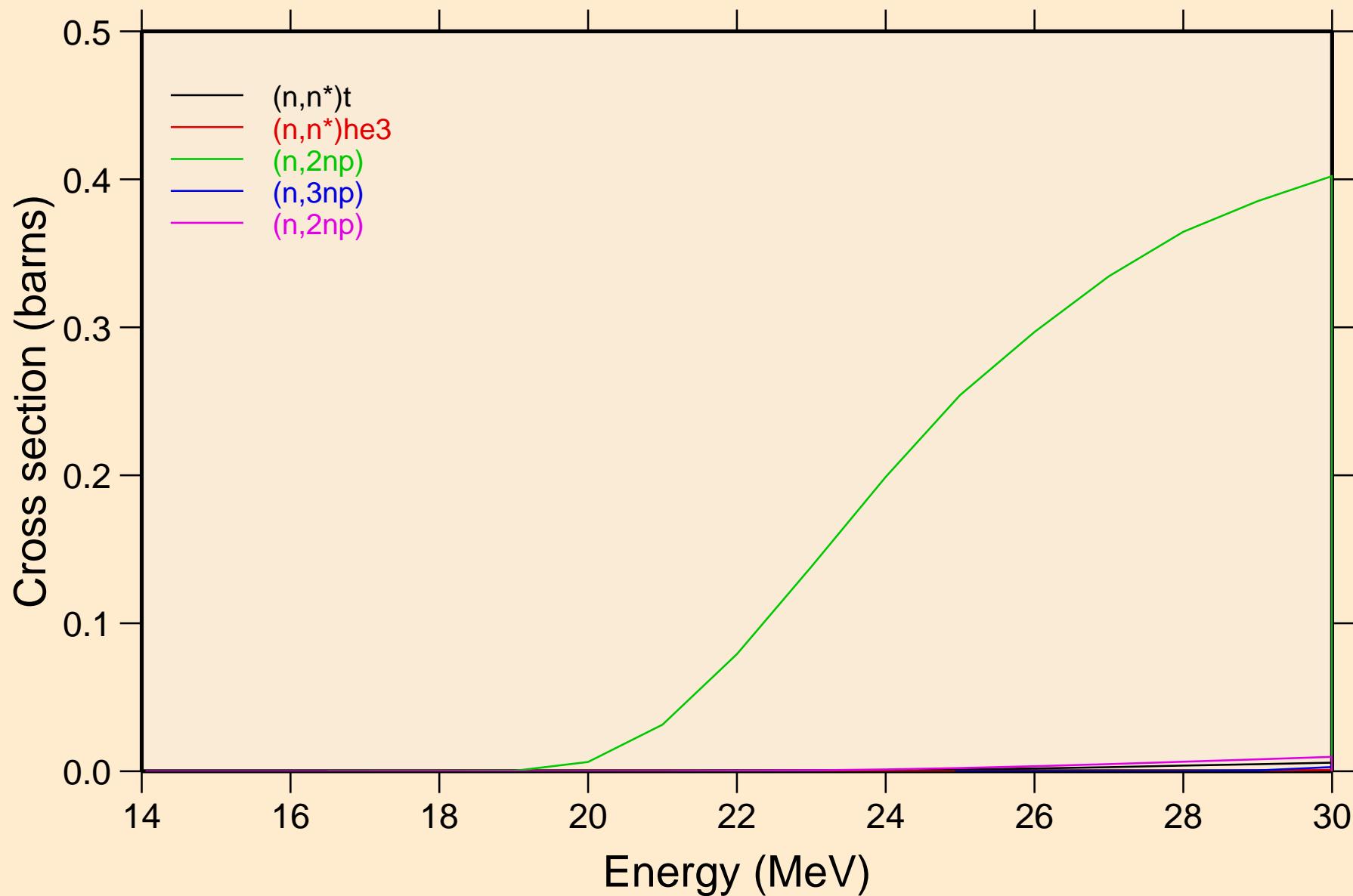
# RB081M NRG TENDL-2015, AKONING

## Threshold reactions



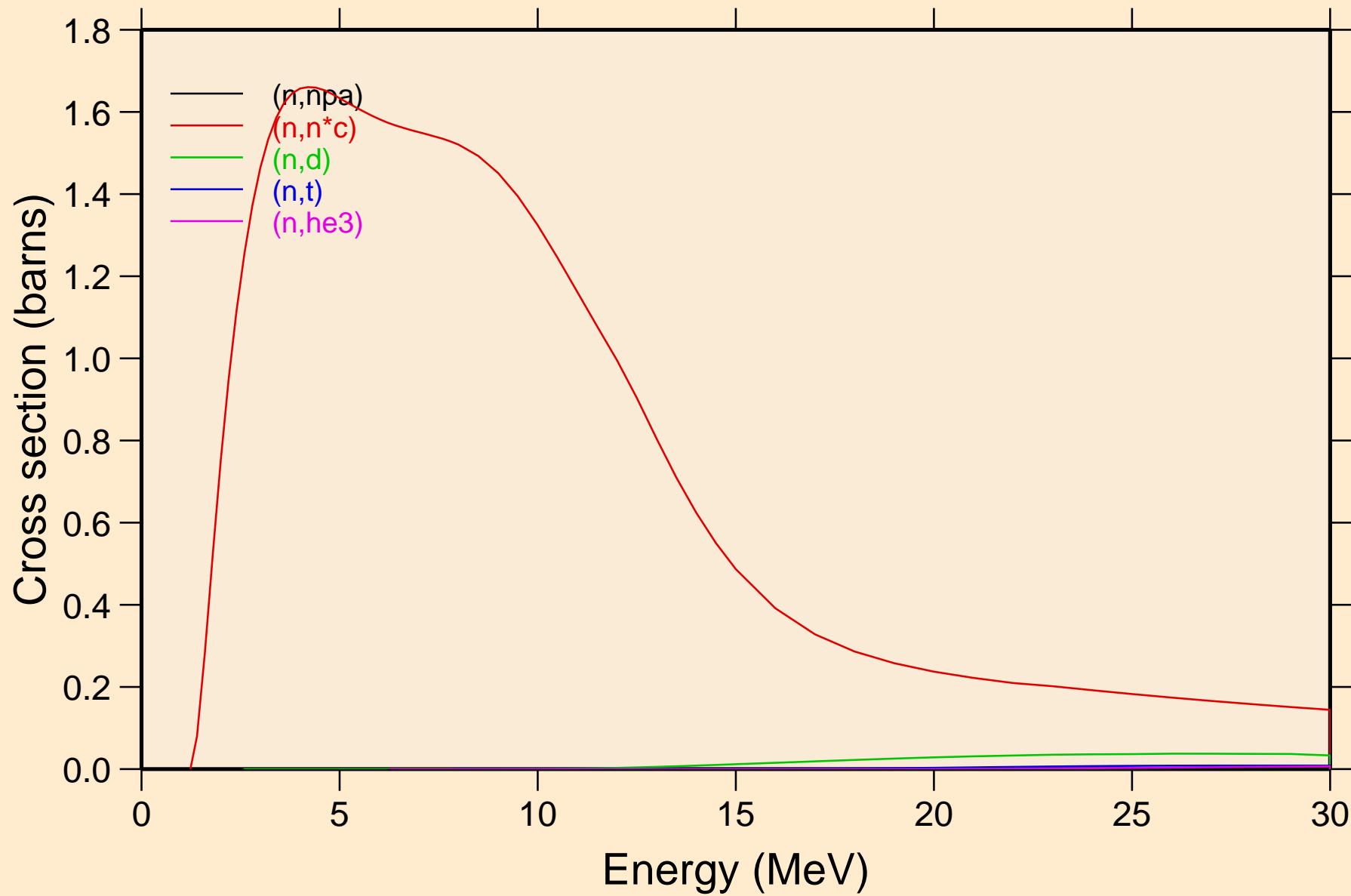
# RB081M NRG TENDL-2015, AKONING

## Threshold reactions



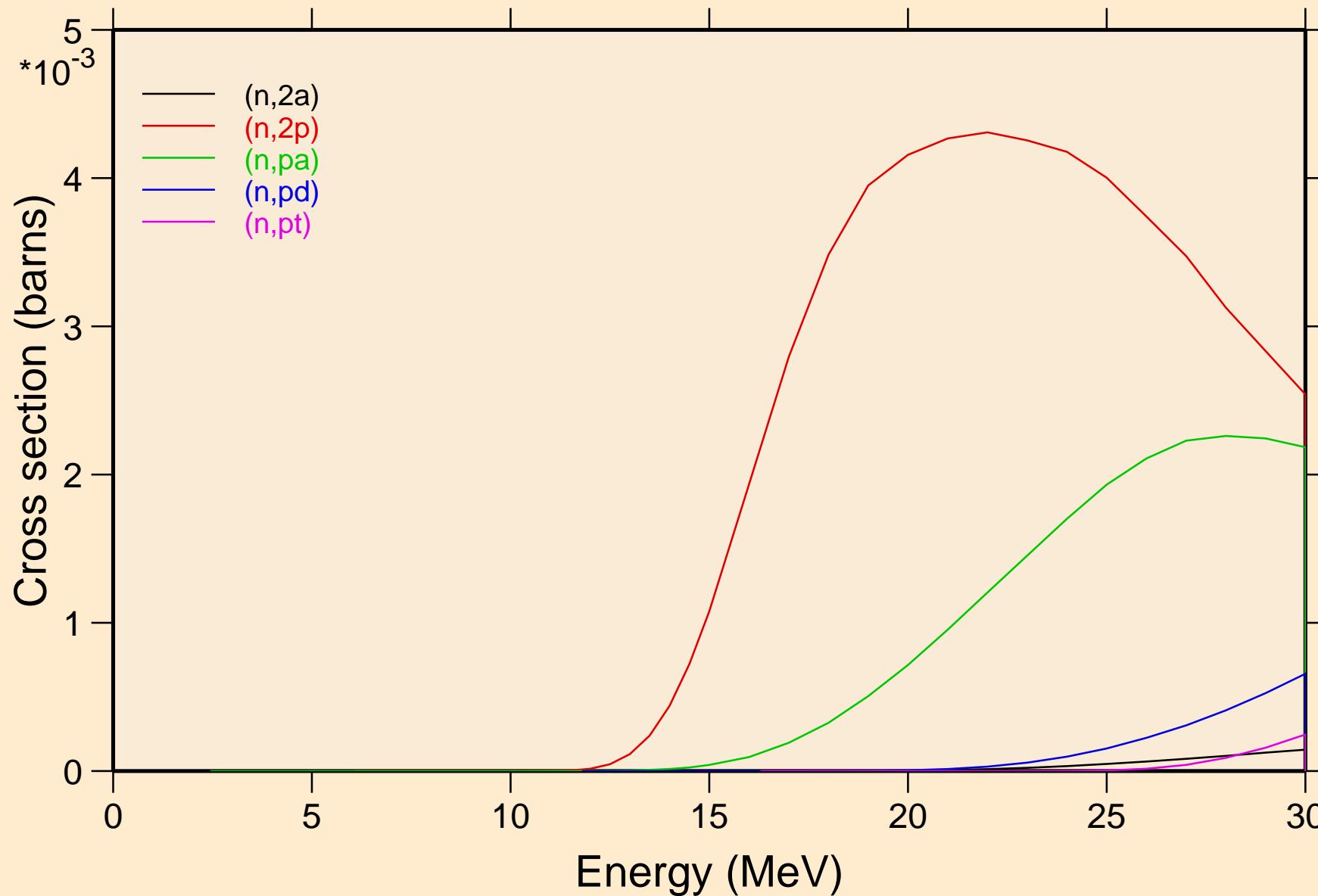
# RB081M NRG TENDL-2015, AKONING

## Threshold reactions



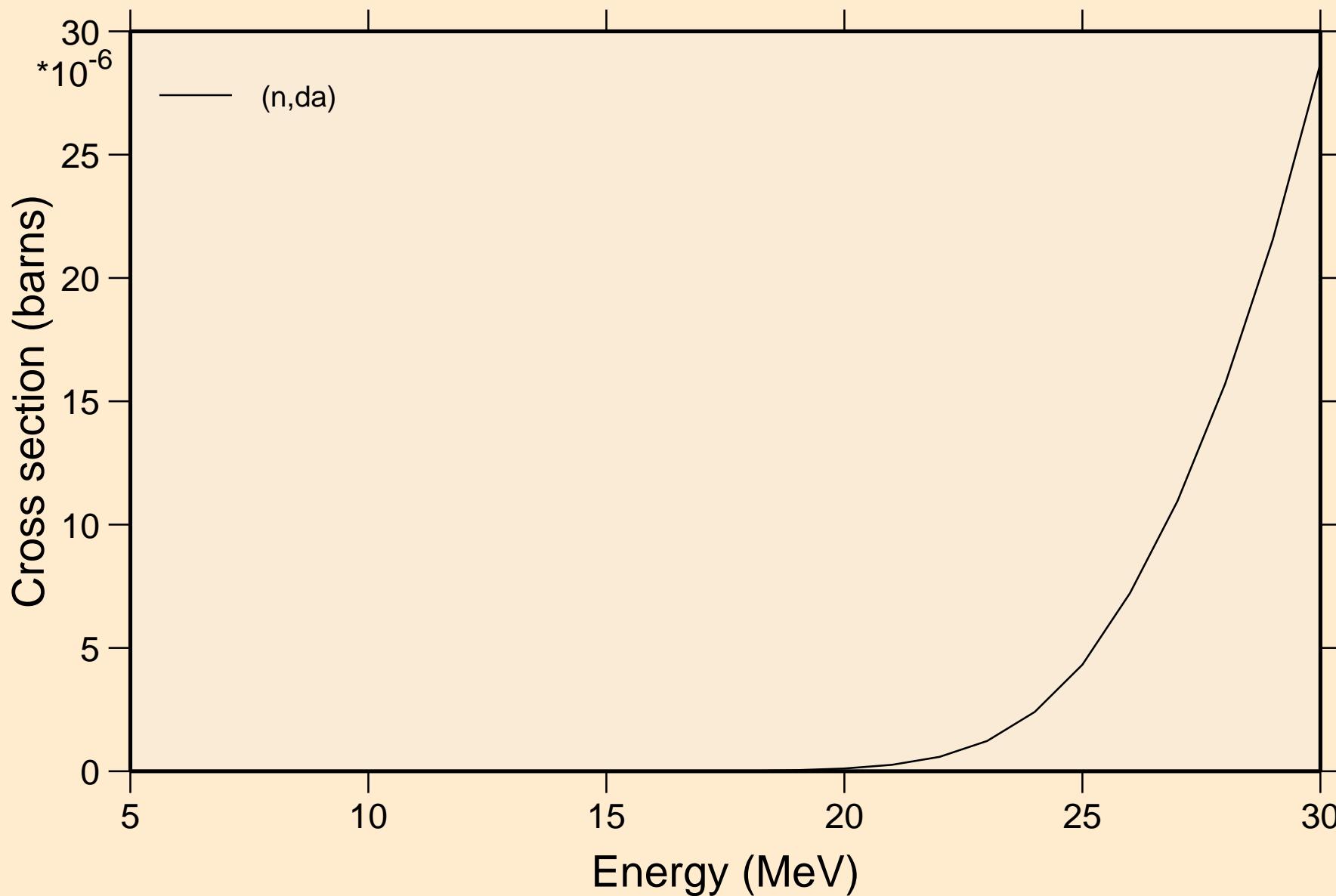
# RB081M NRG TENDL-2015, AKONING

## Threshold reactions

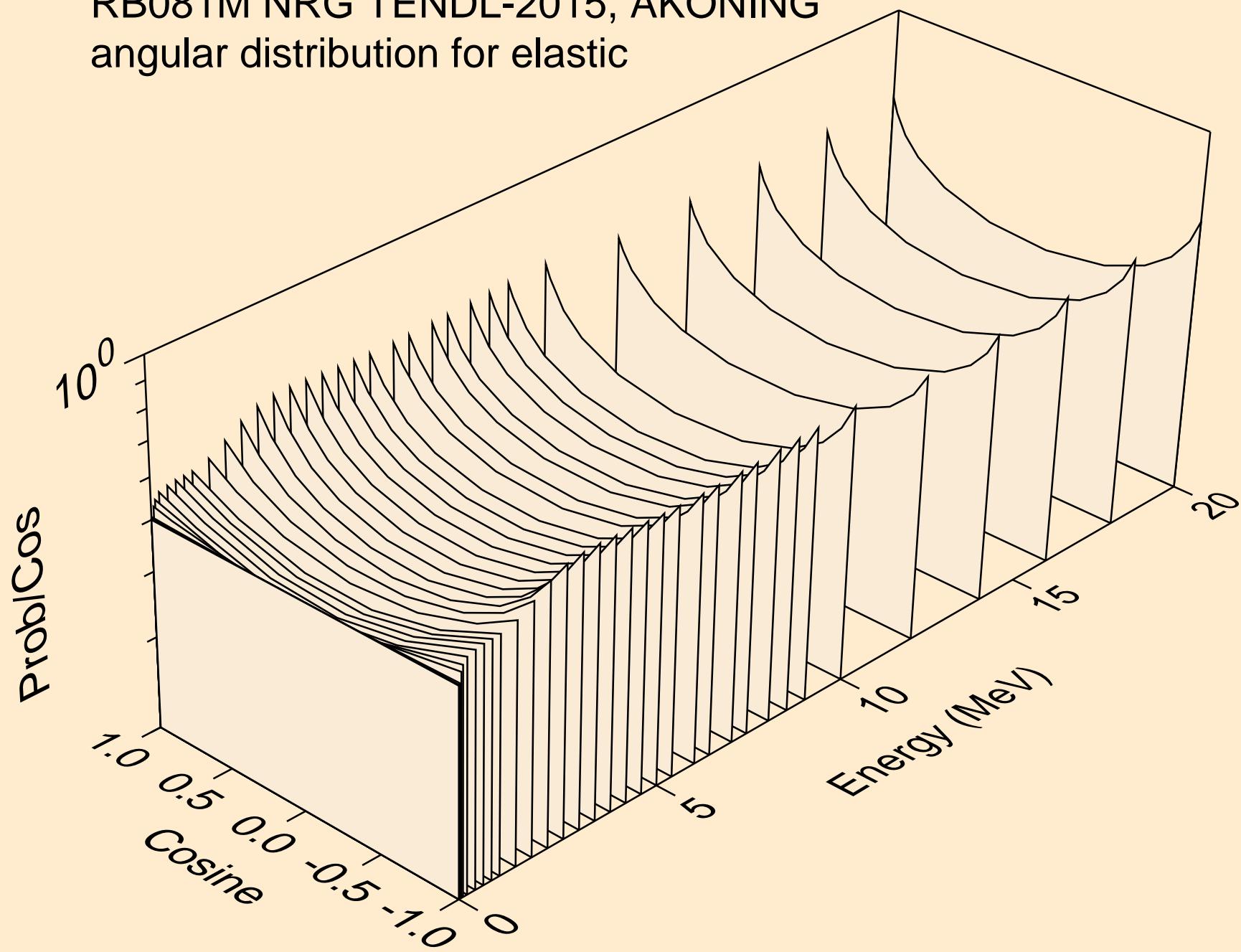


# RB081M NRG TENDL-2015, AKONING

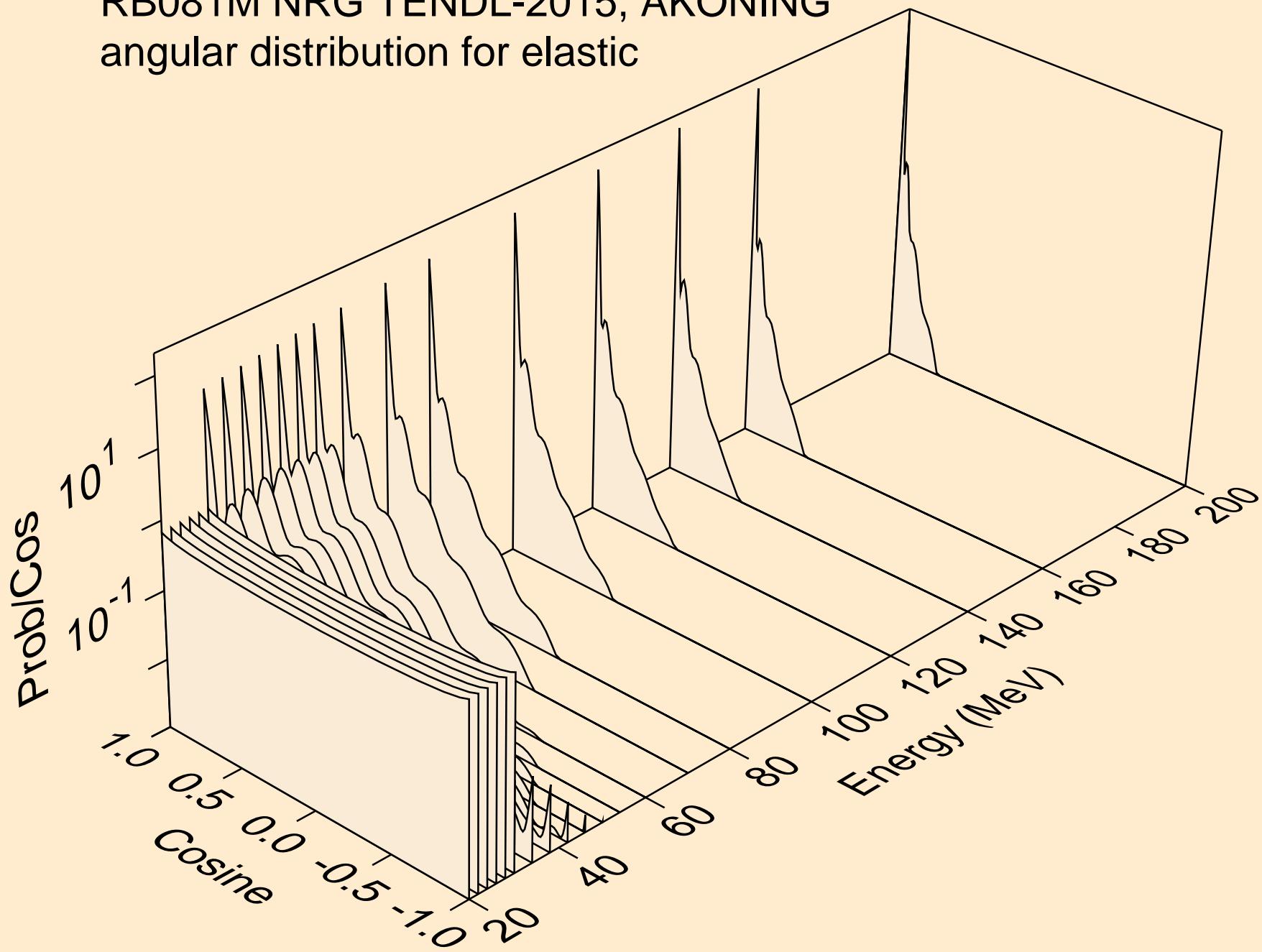
## Threshold reactions



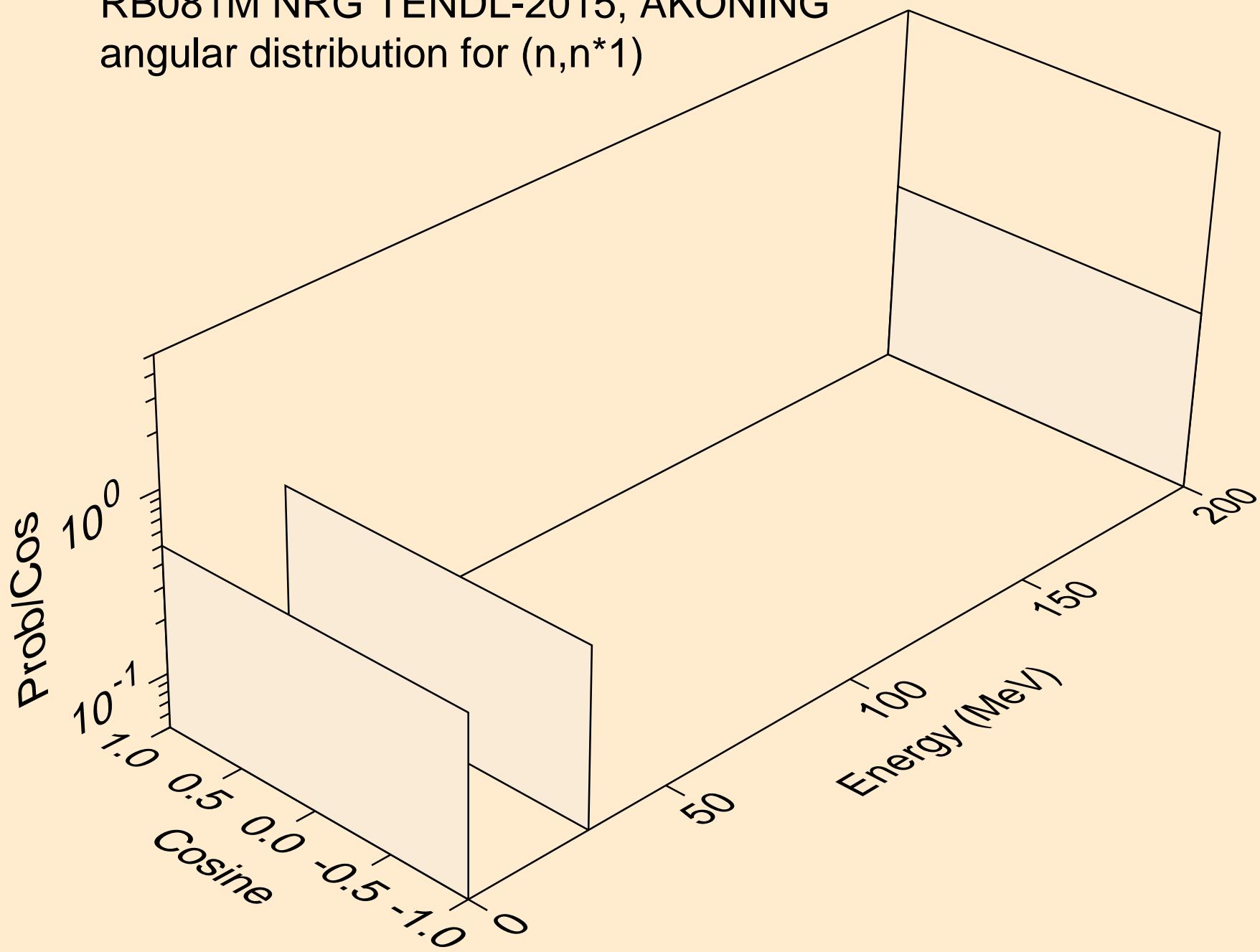
RB081M NRG TENDL-2015, AKONING  
angular distribution for elastic



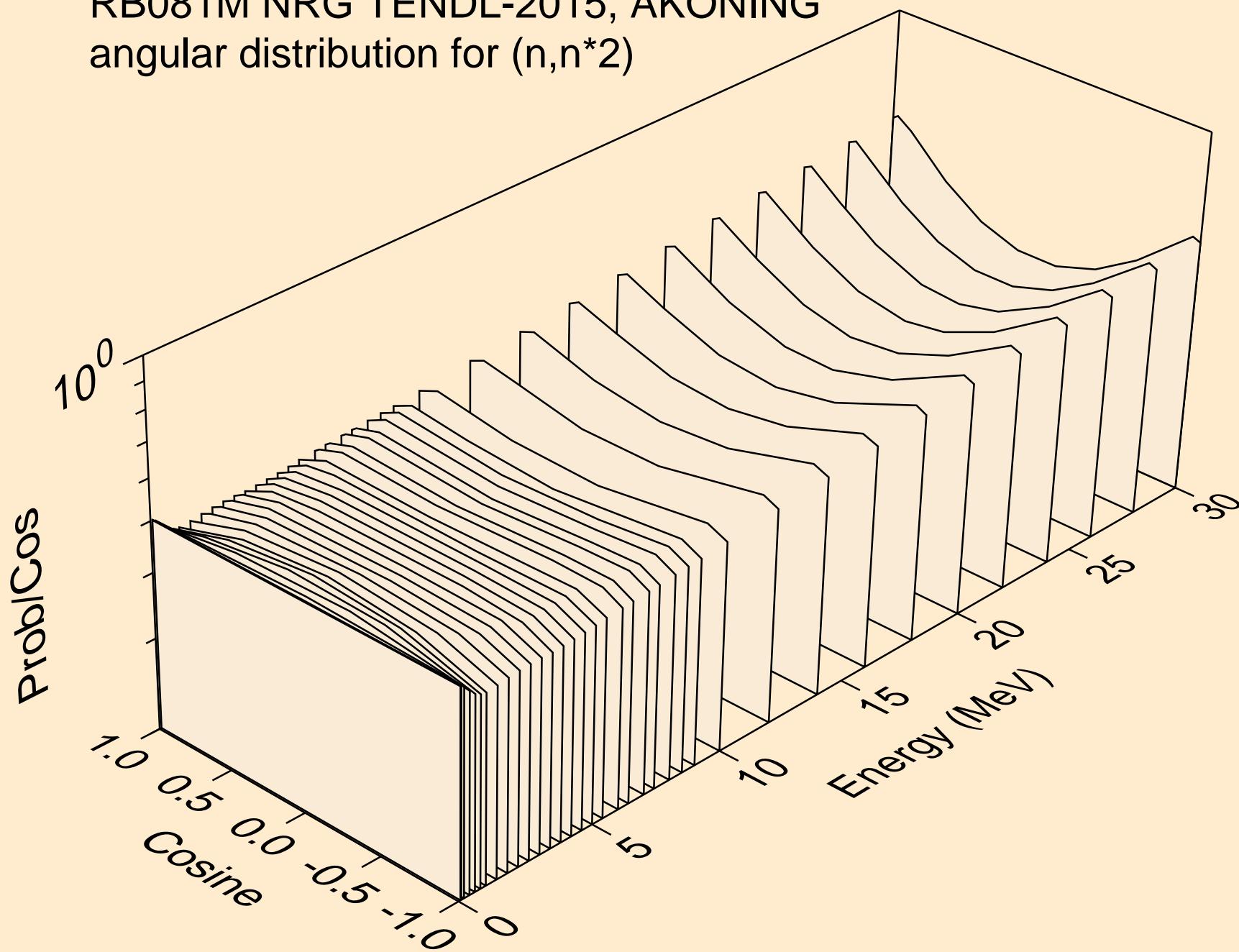
RB081M NRG TENDL-2015, AKONING  
angular distribution for elastic



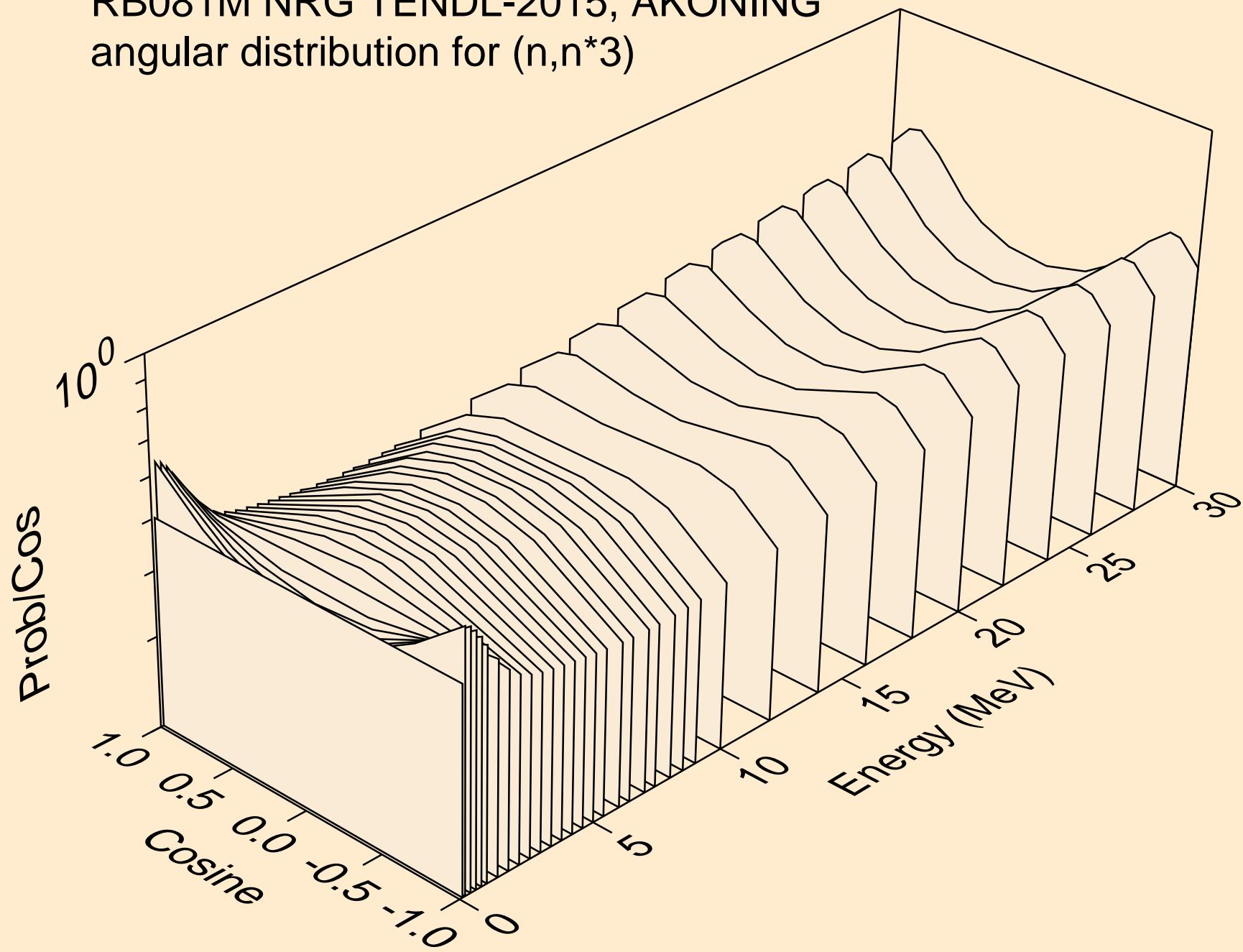
RB081M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



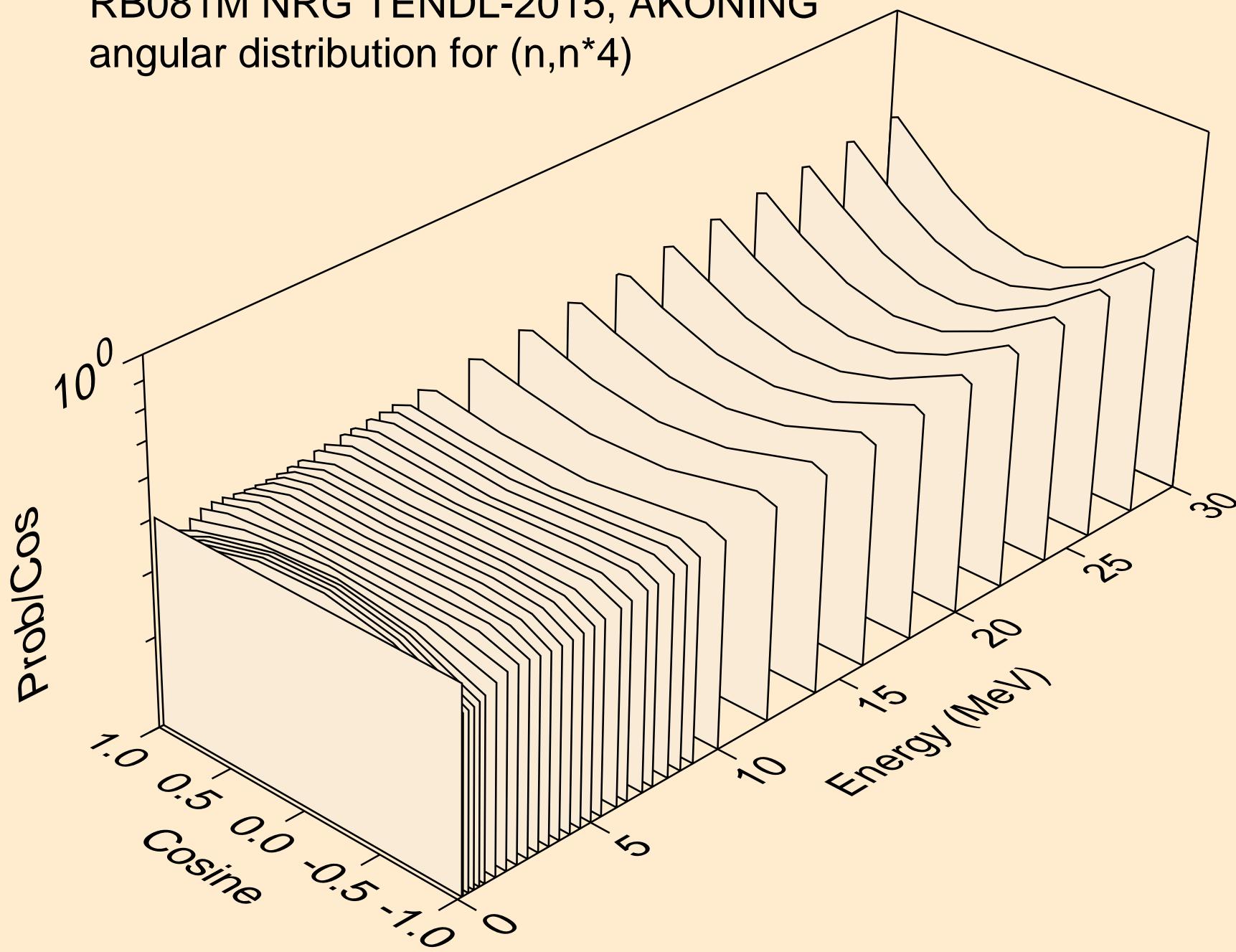
RB081M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^2$



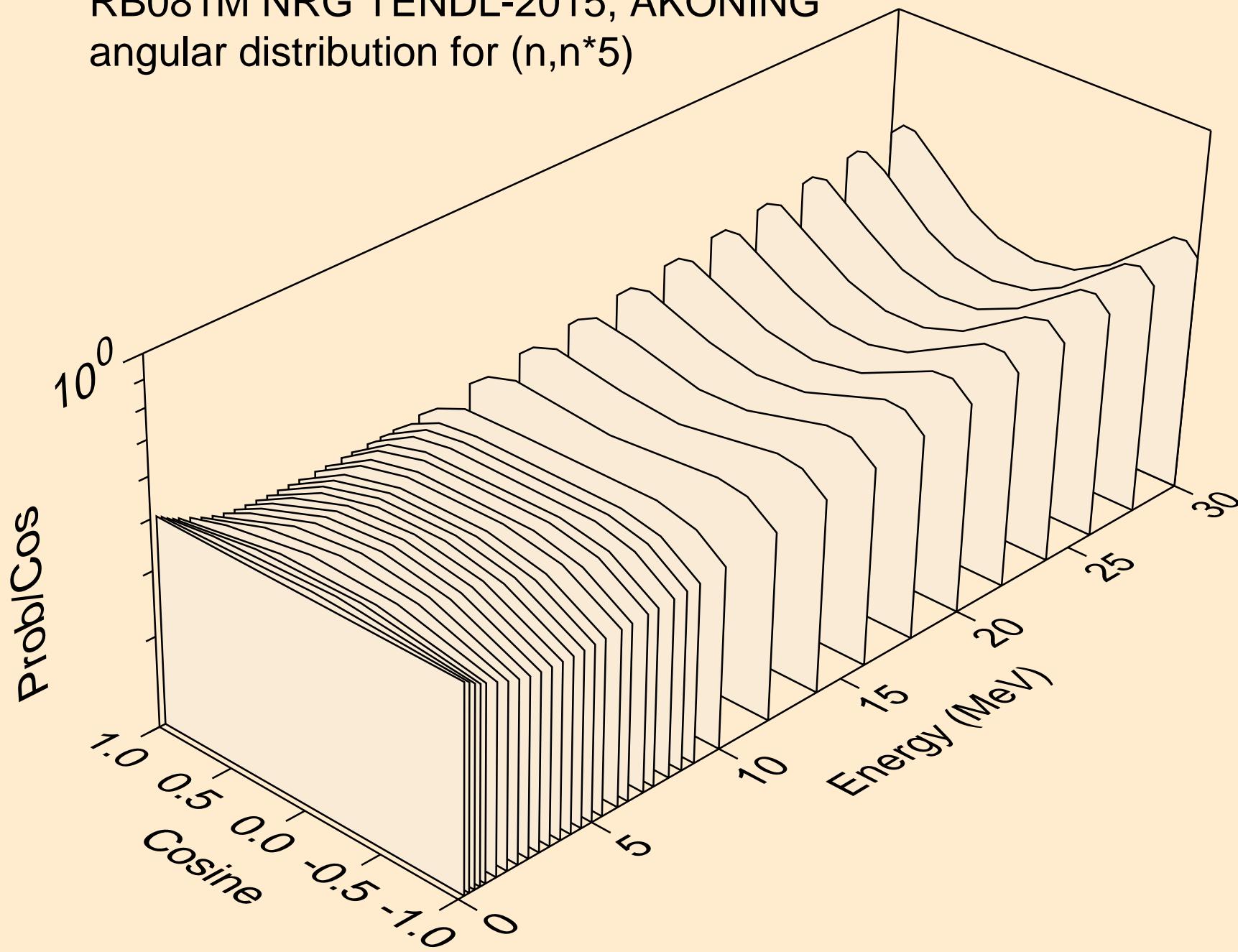
RB081M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*3)$



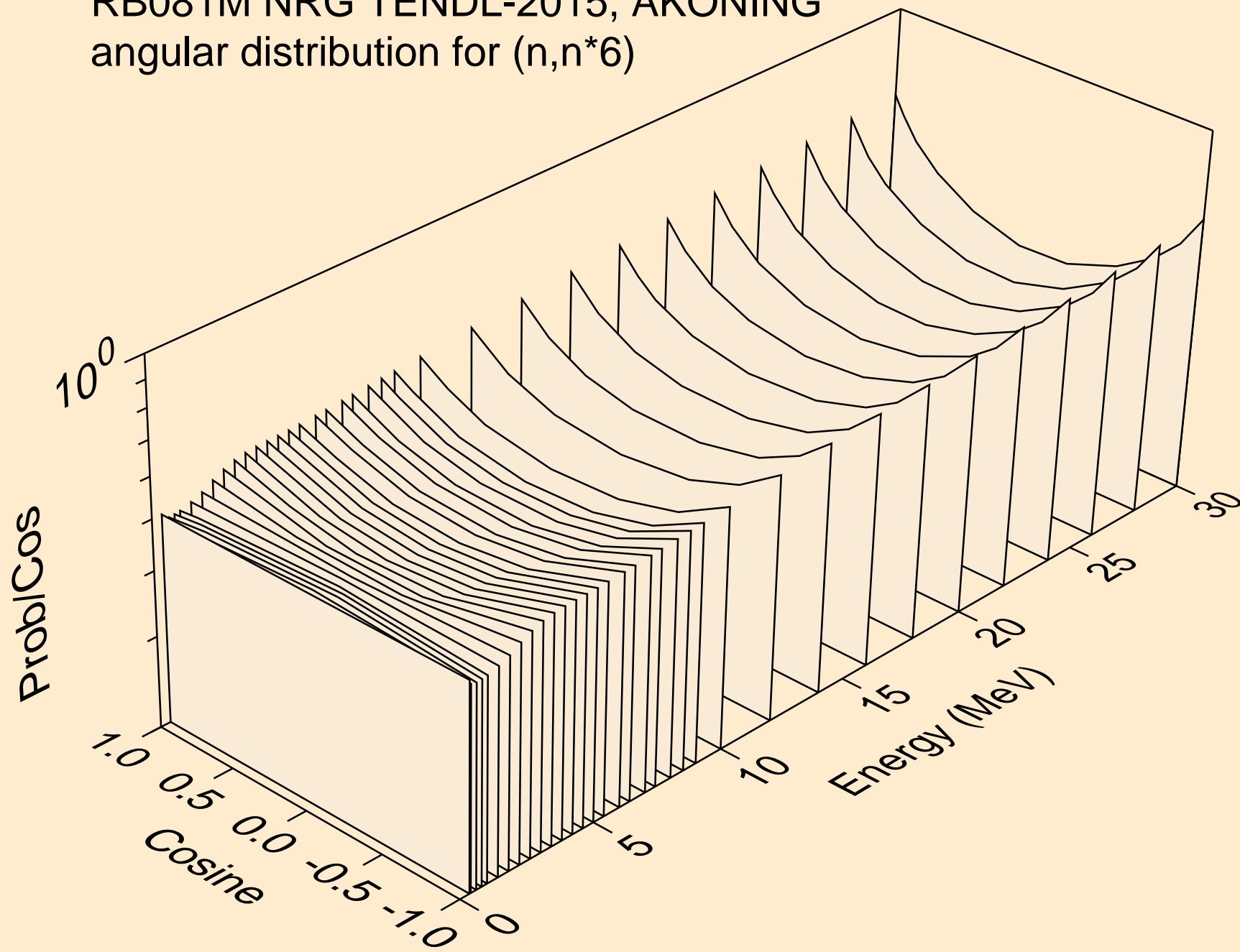
RB081M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*4)$



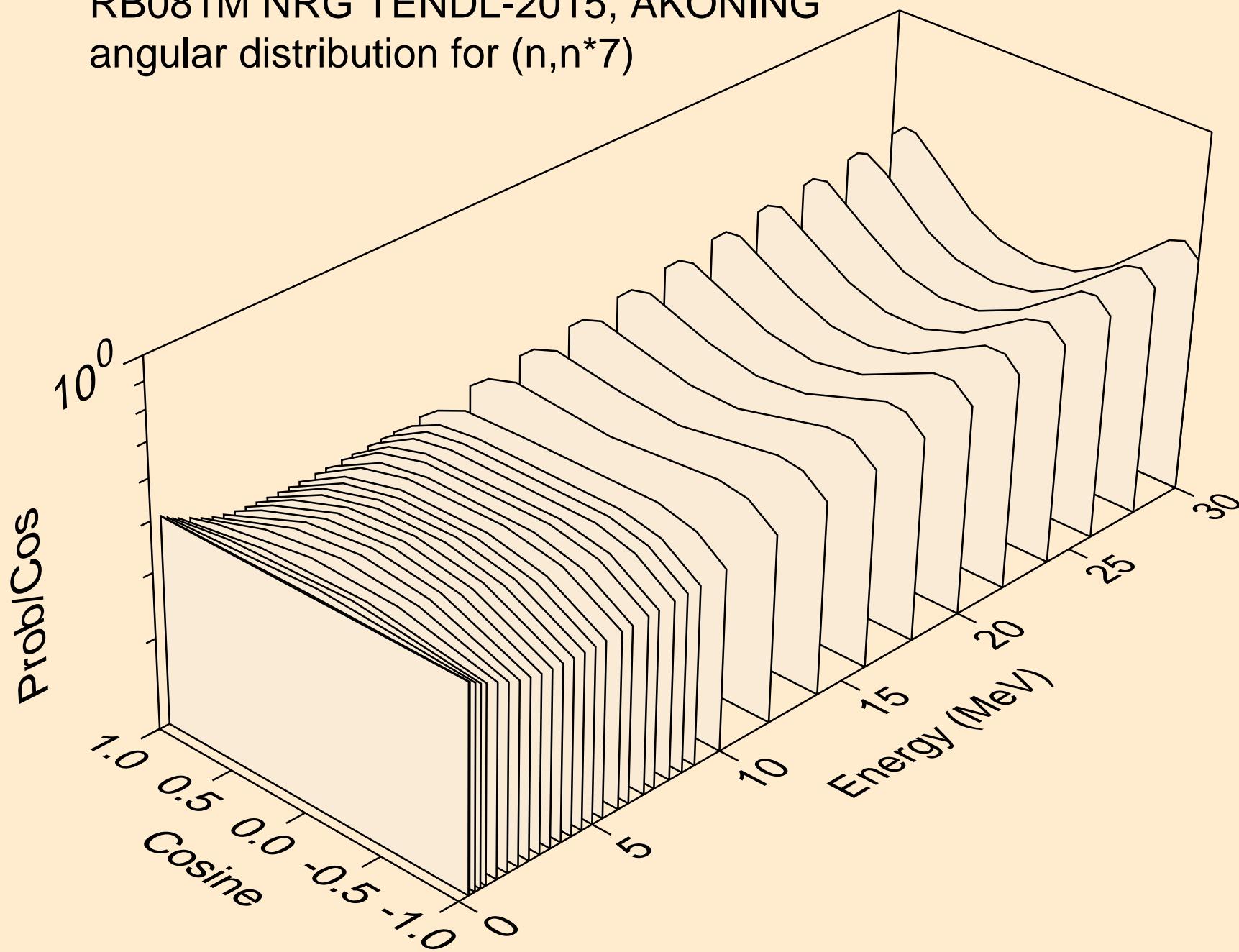
RB081M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^5$



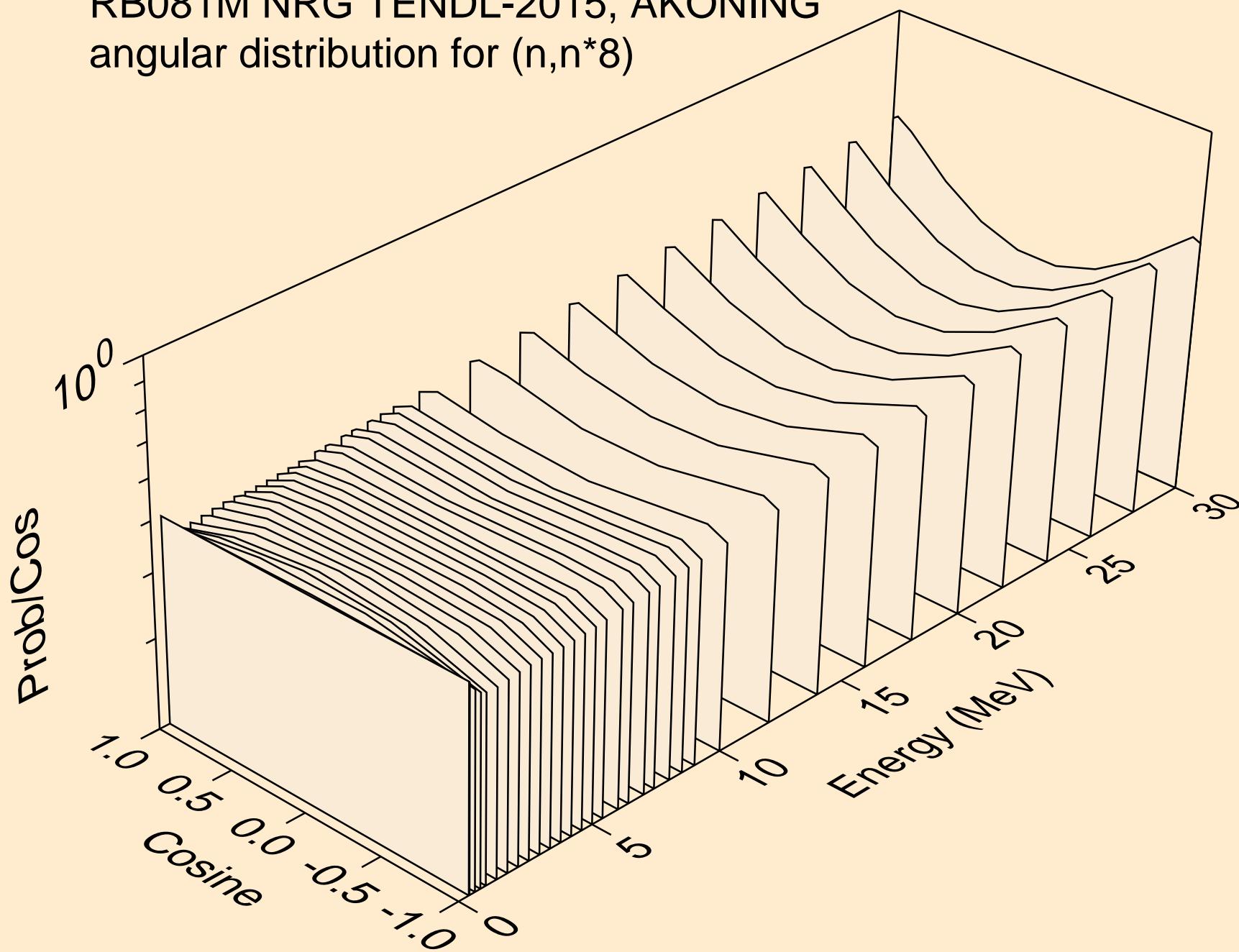
RB081M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



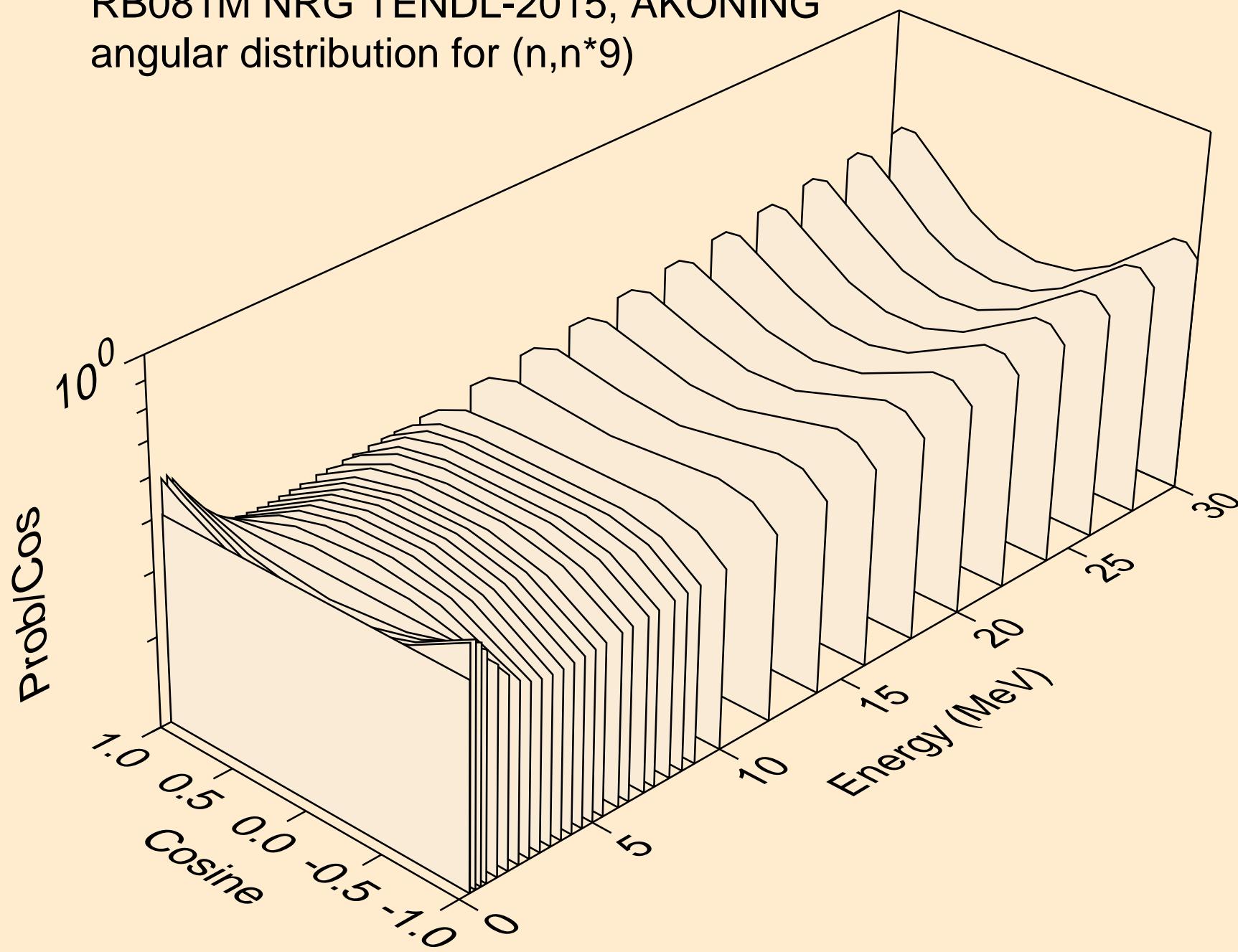
RB081M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^7$



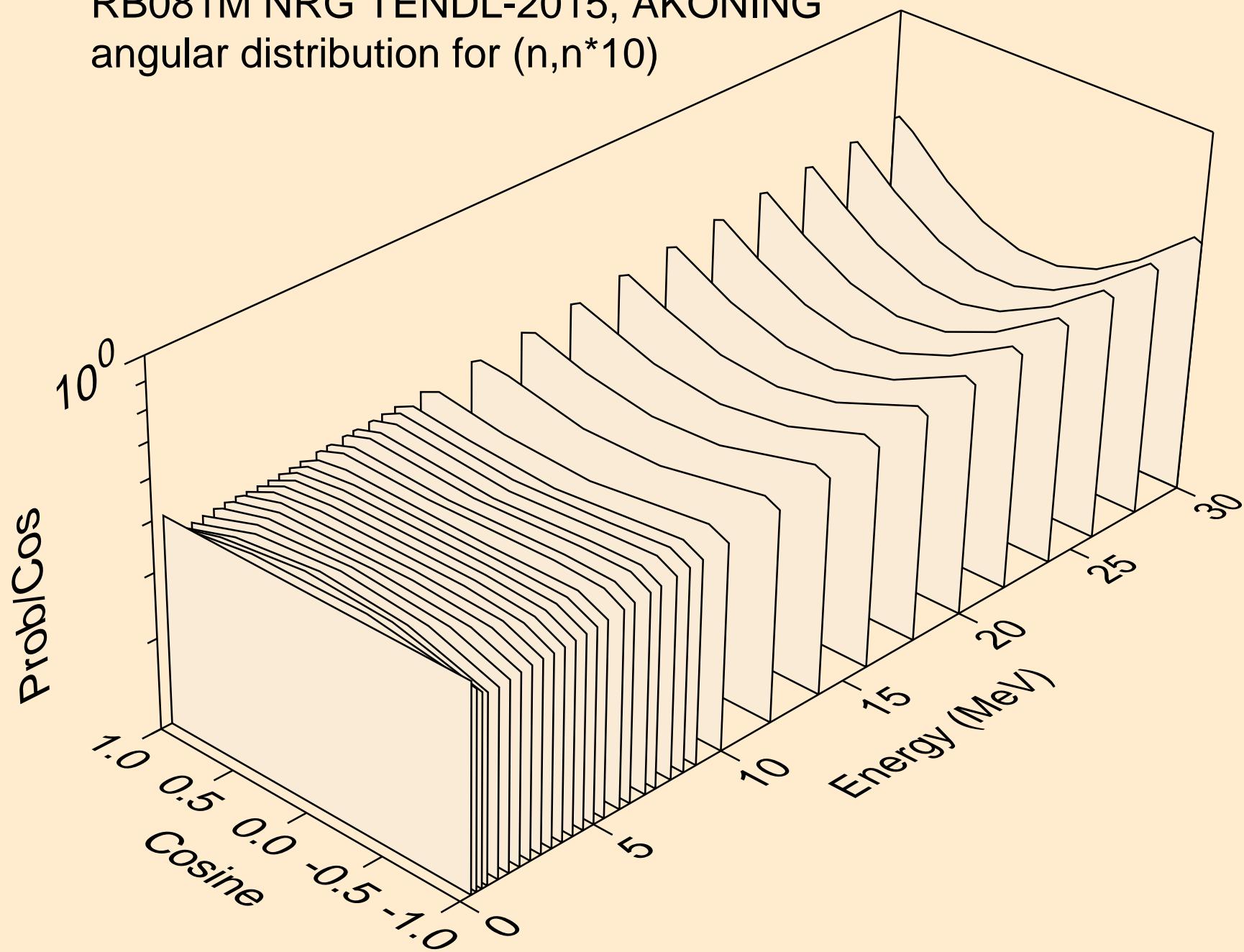
RB081M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^8$



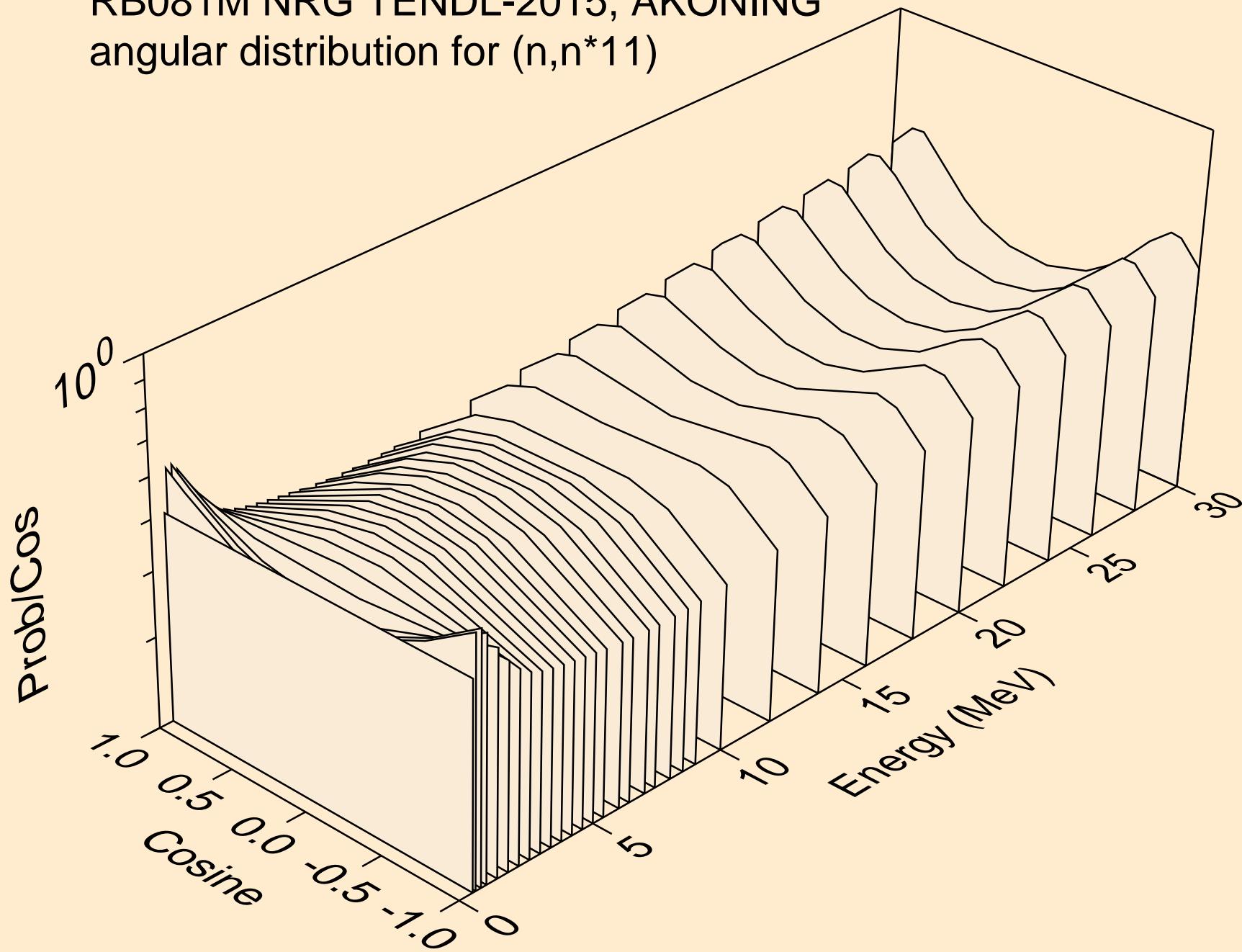
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angular distribution for (n,n\*9)



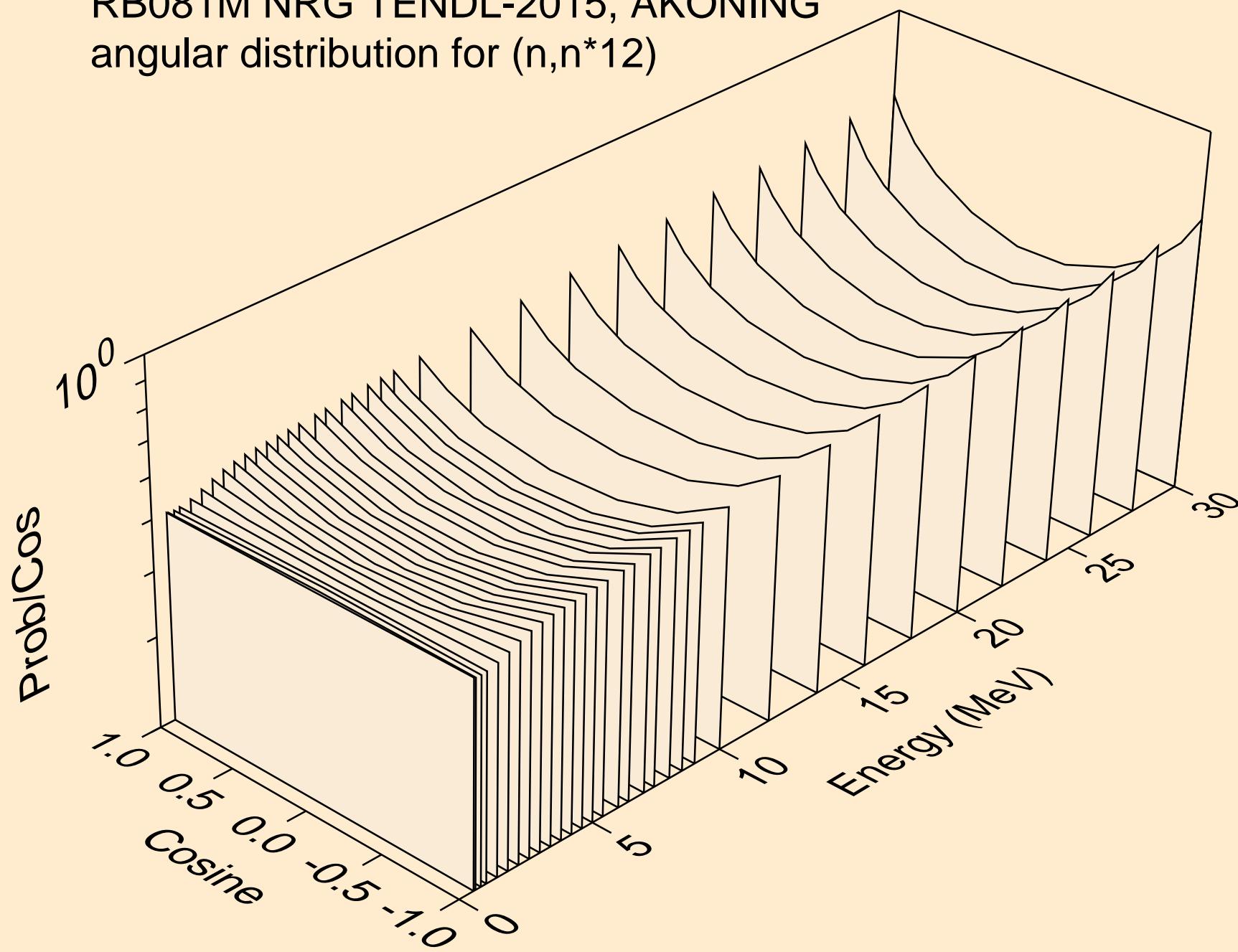
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angular distribution for (n,n\*10)



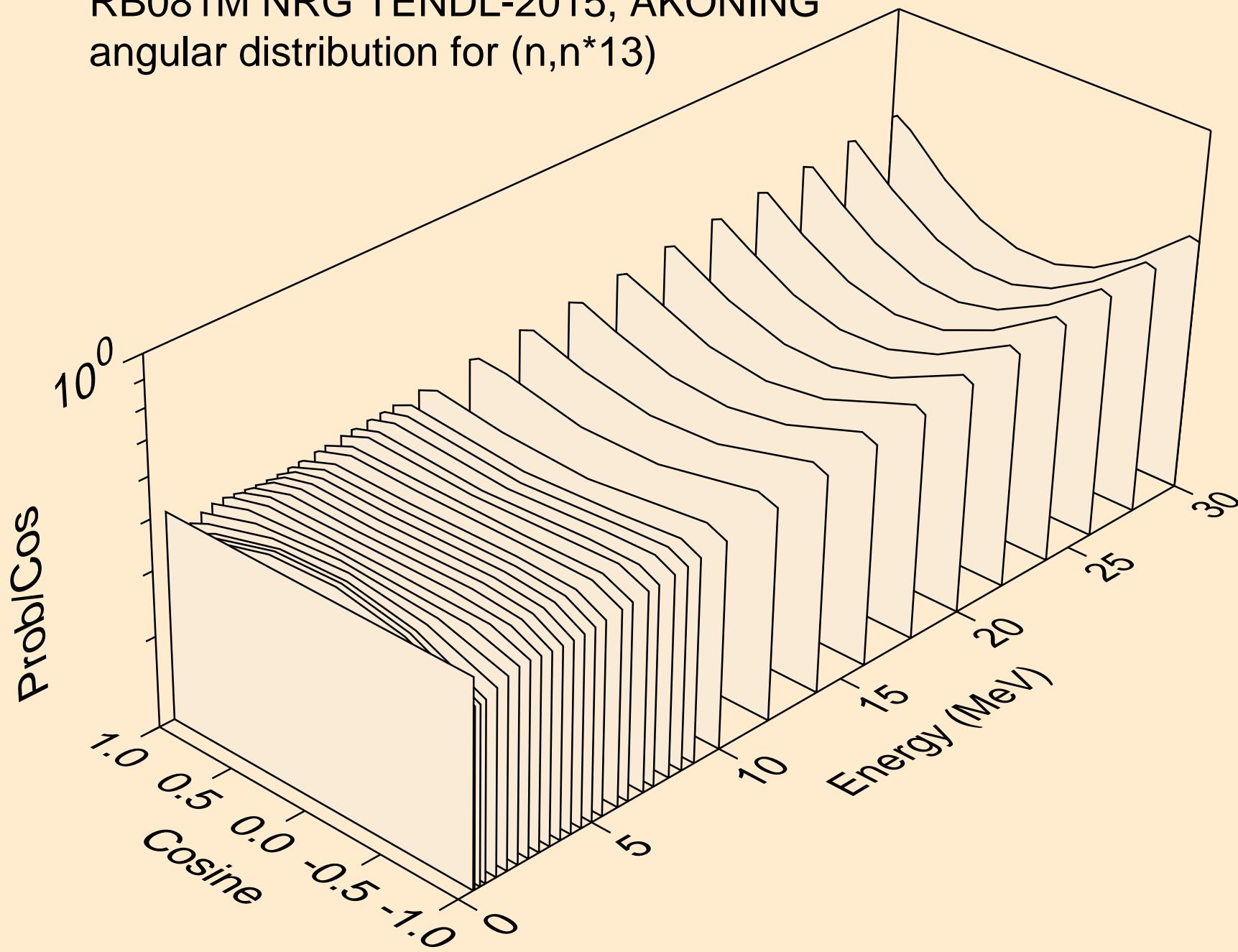
RB081M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



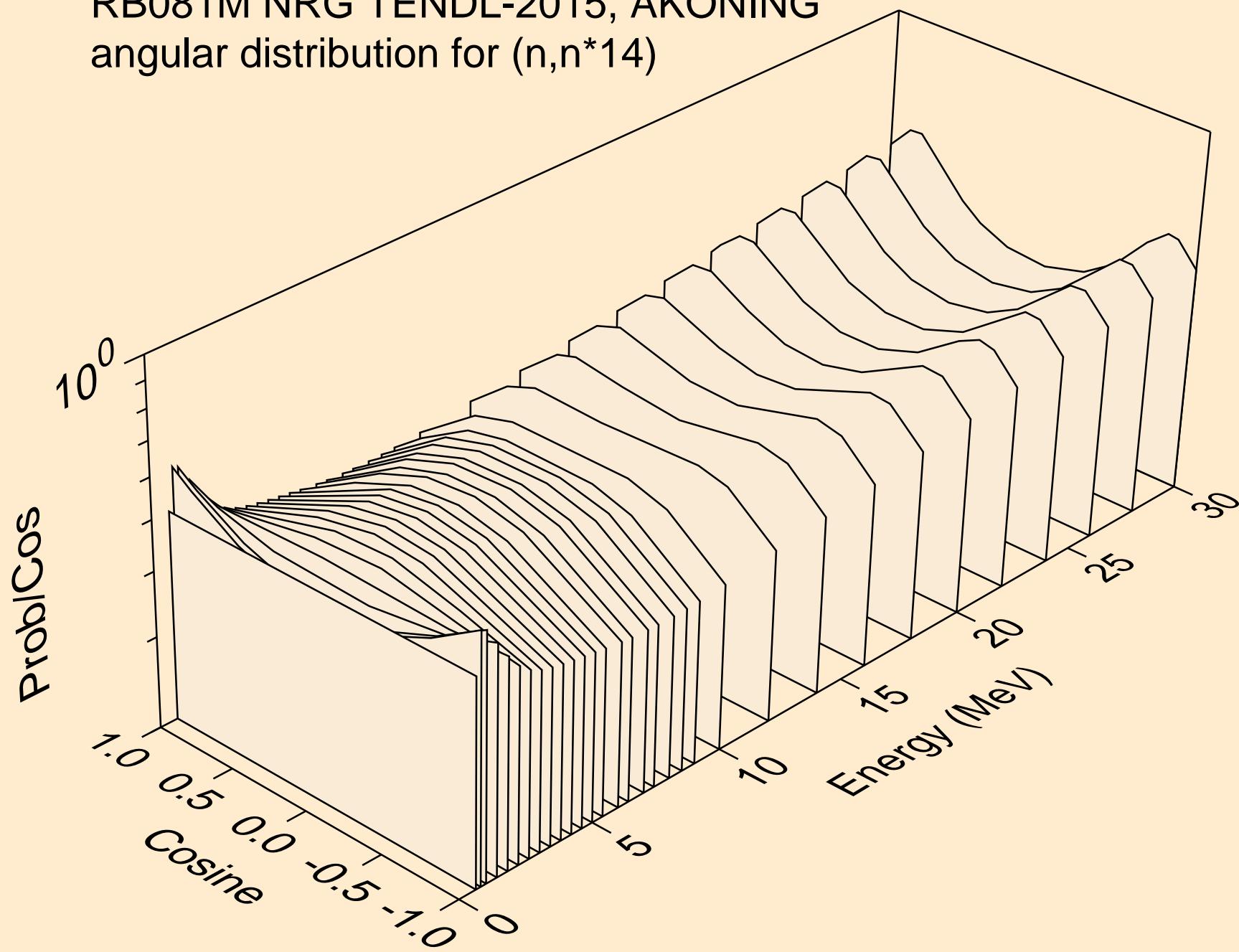
RB081M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*12)$



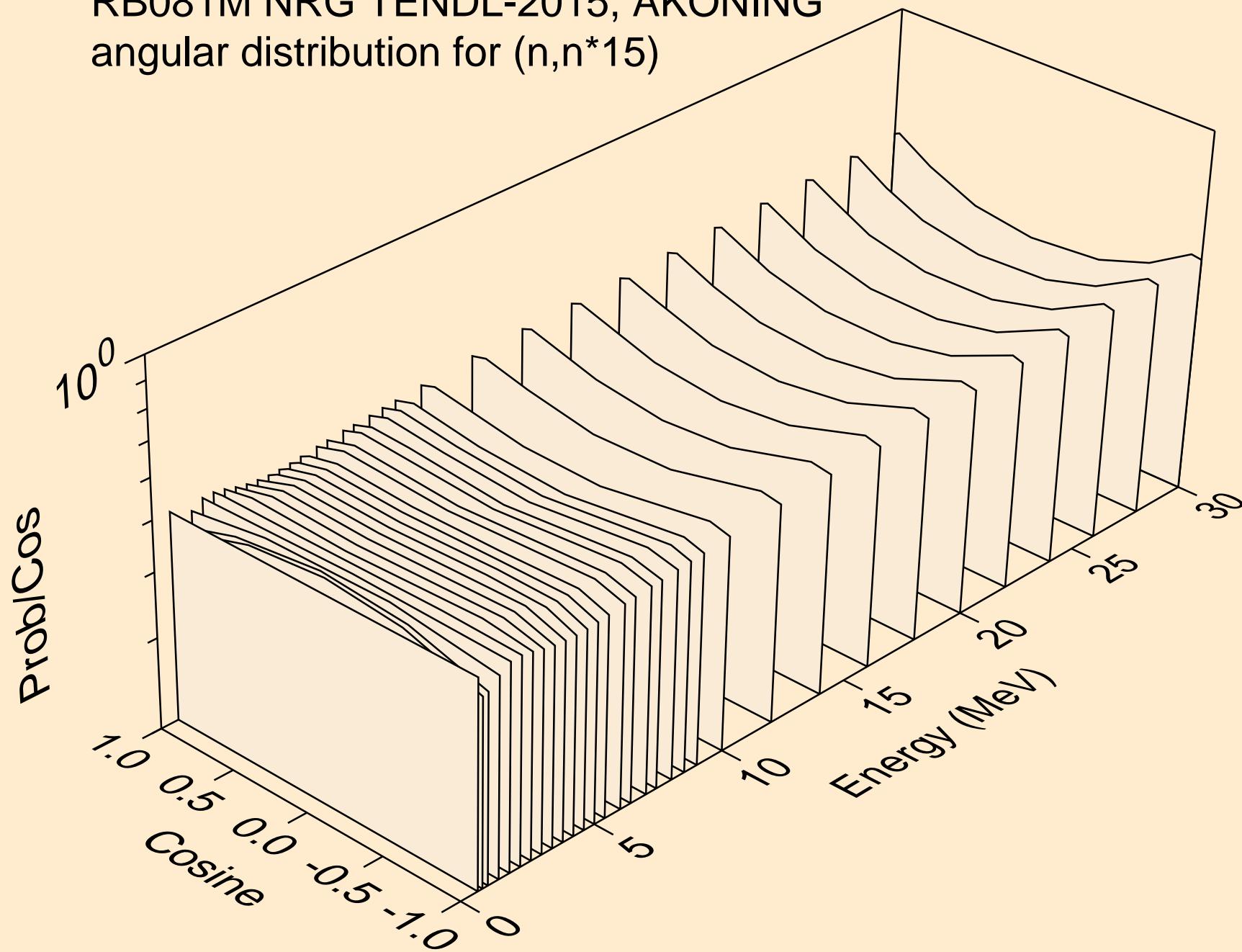
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angular distribution for (n,n\*13)



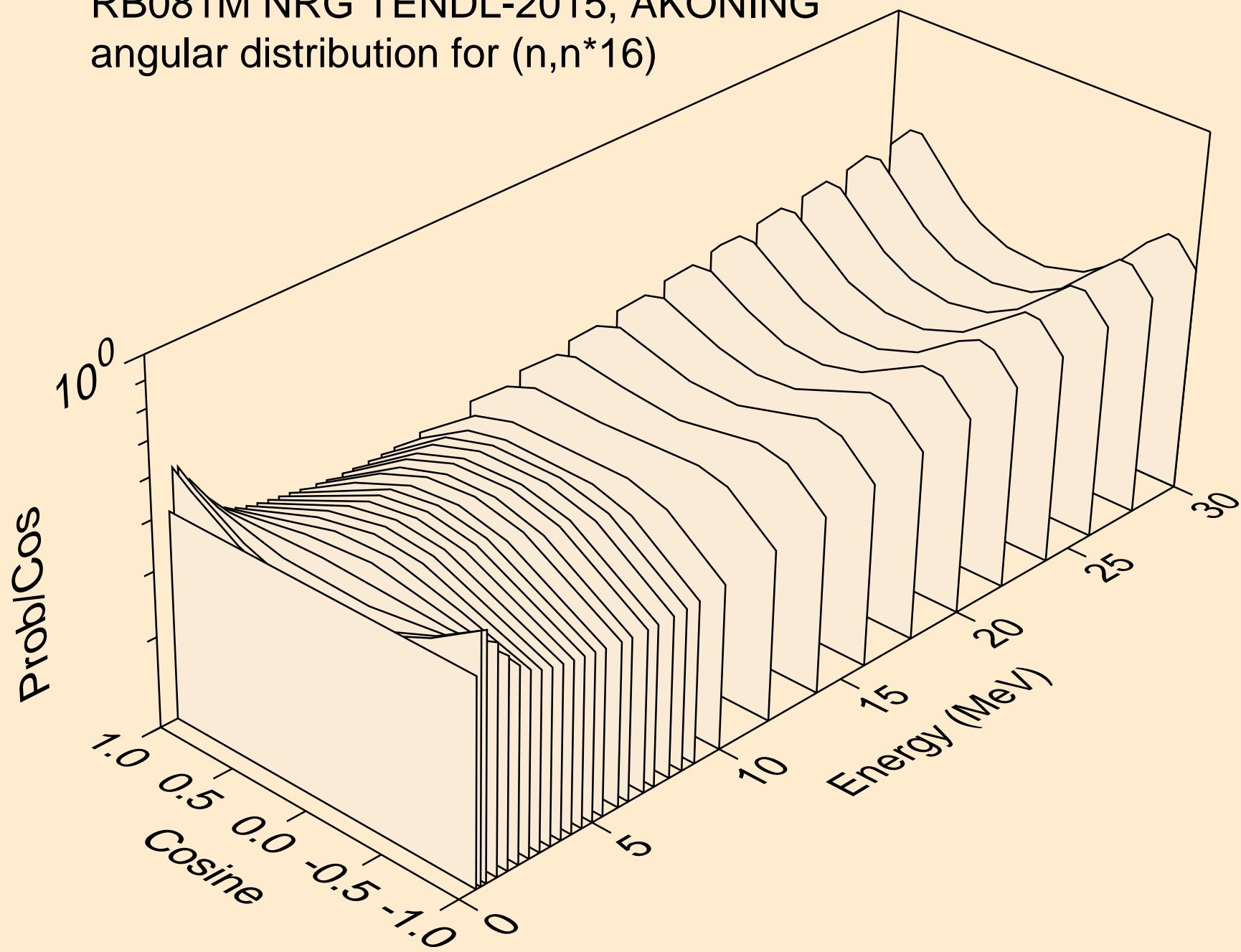
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angular distribution for (n,n\*14)



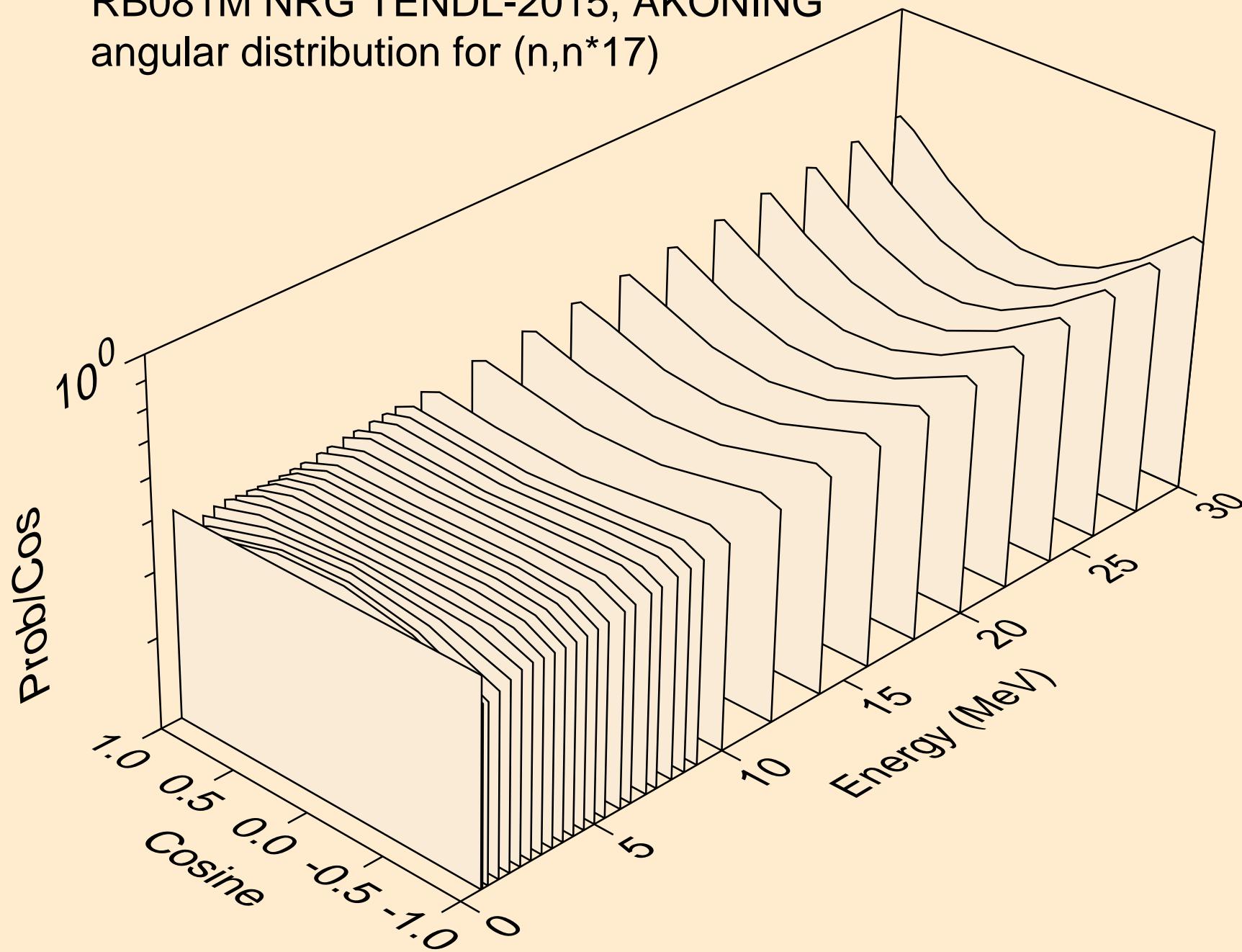
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angular distribution for (n,n\*15)



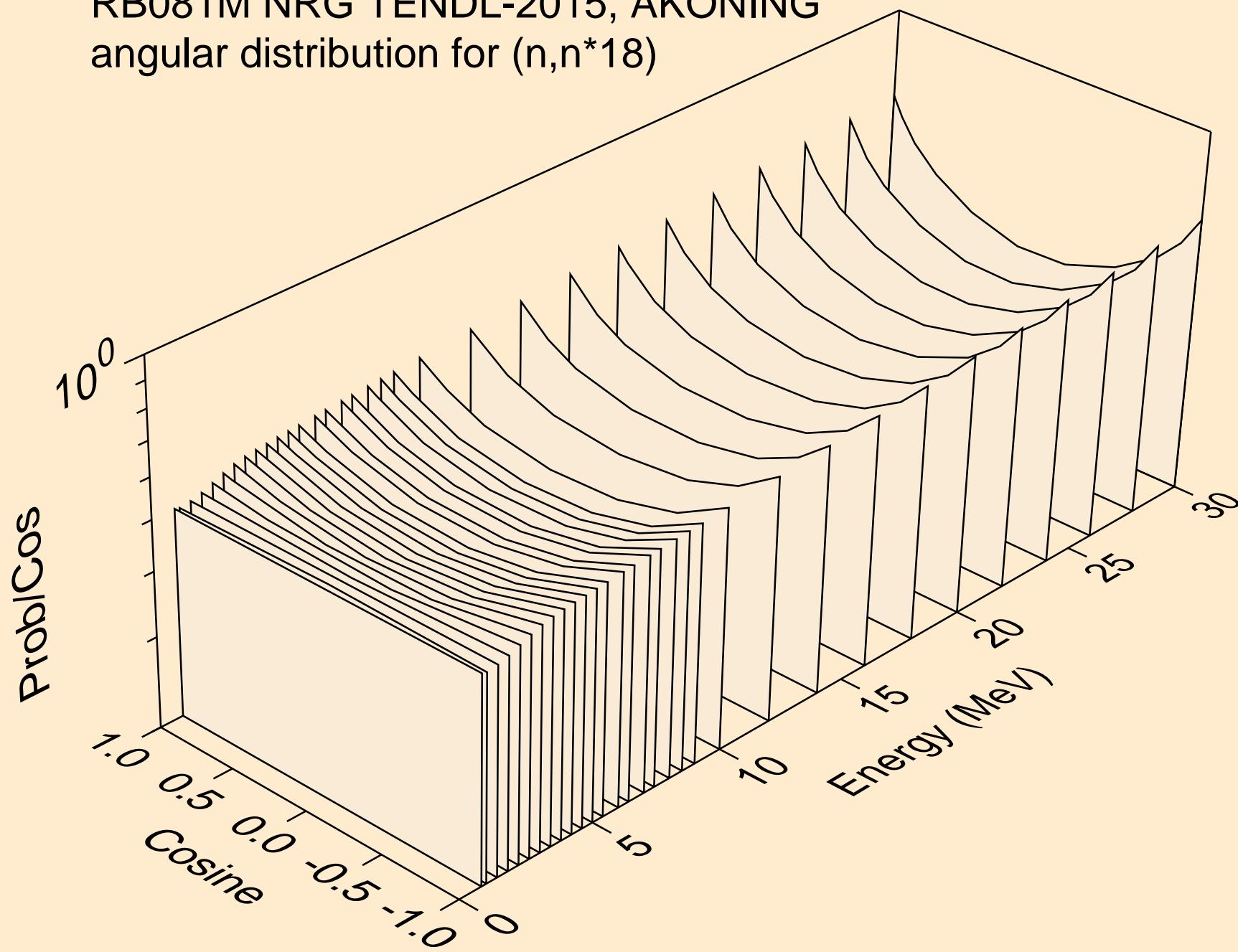
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angular distribution for (n,n\*16)



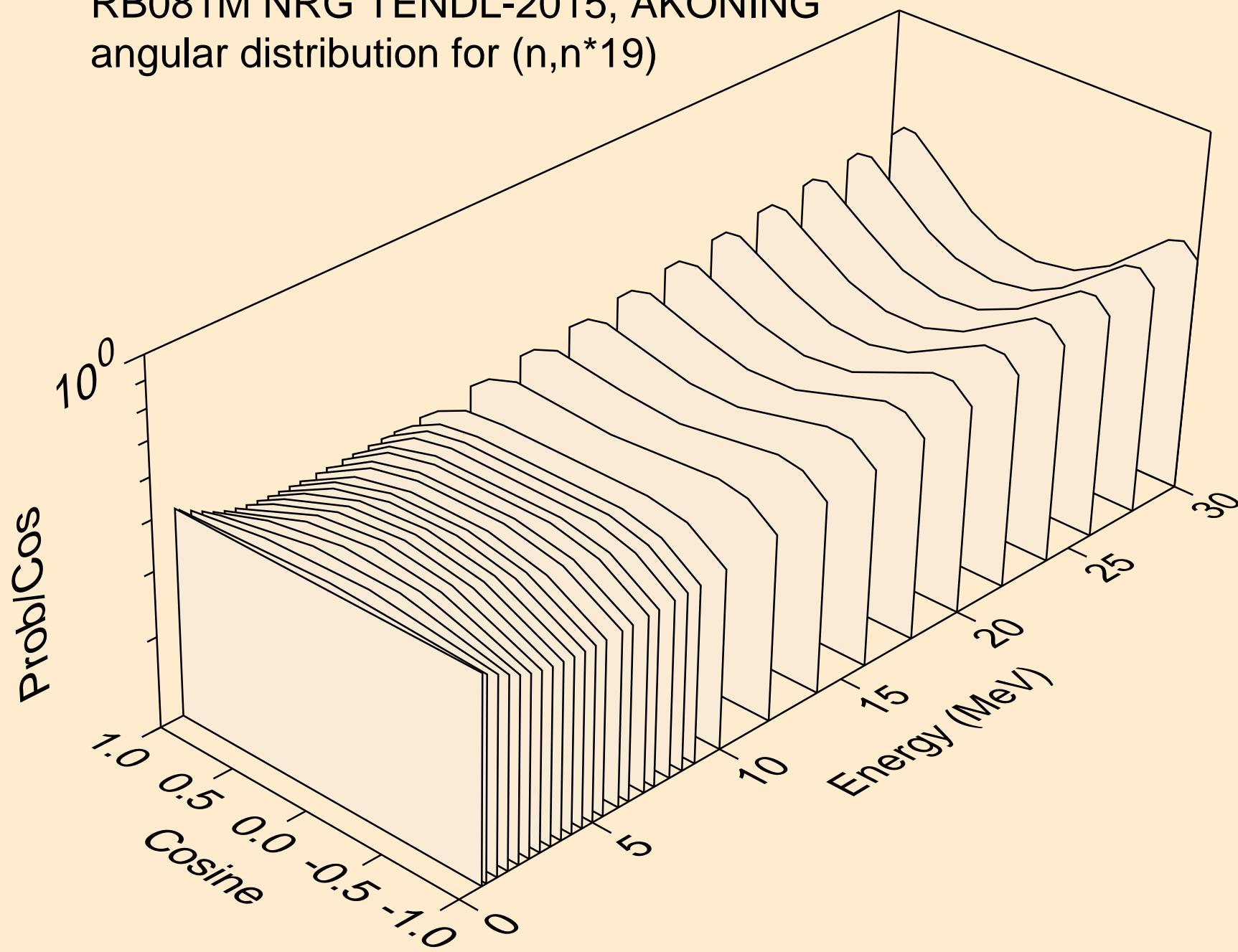
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angular distribution for (n,n\*17)



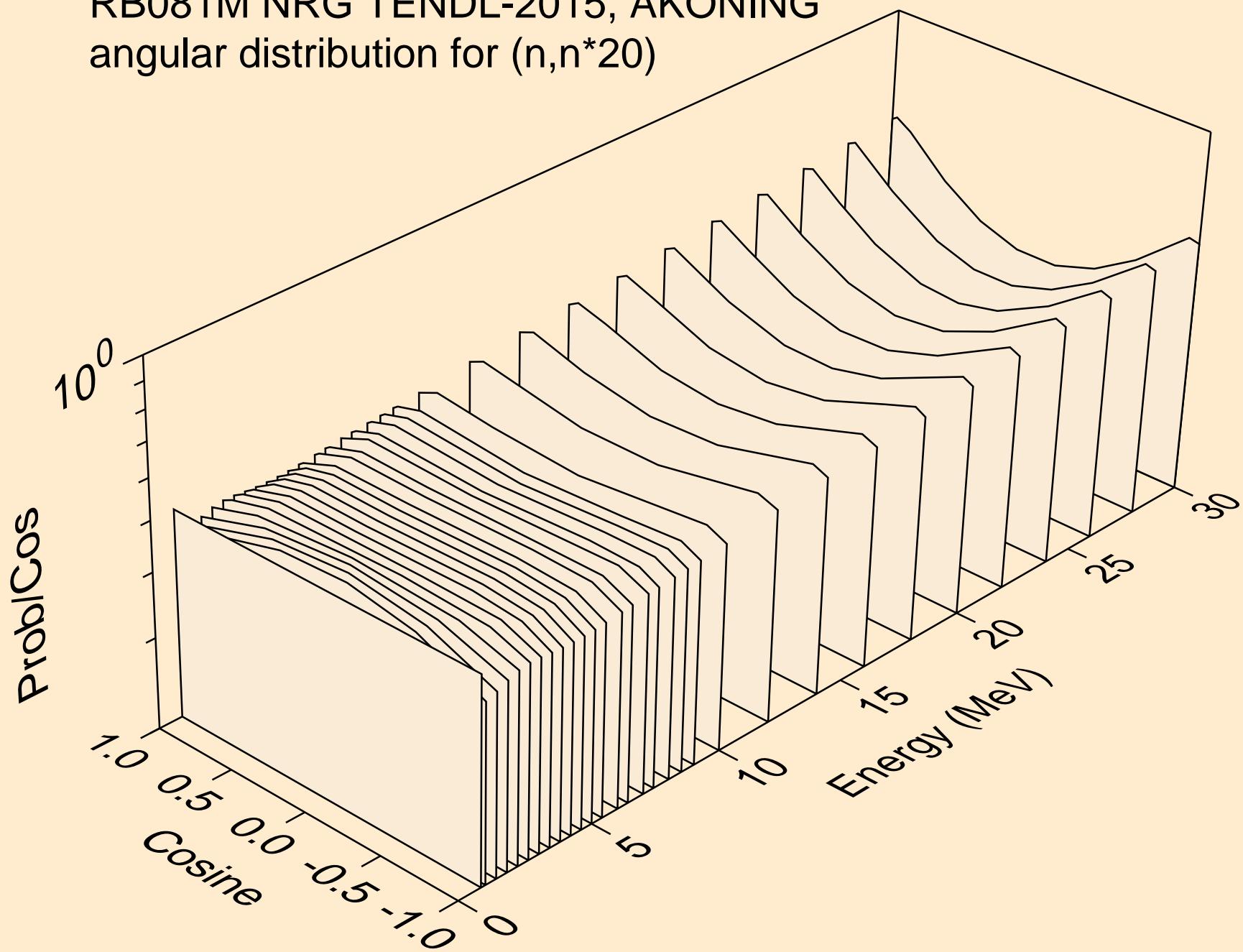
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angular distribution for  $(n,n^*18)$



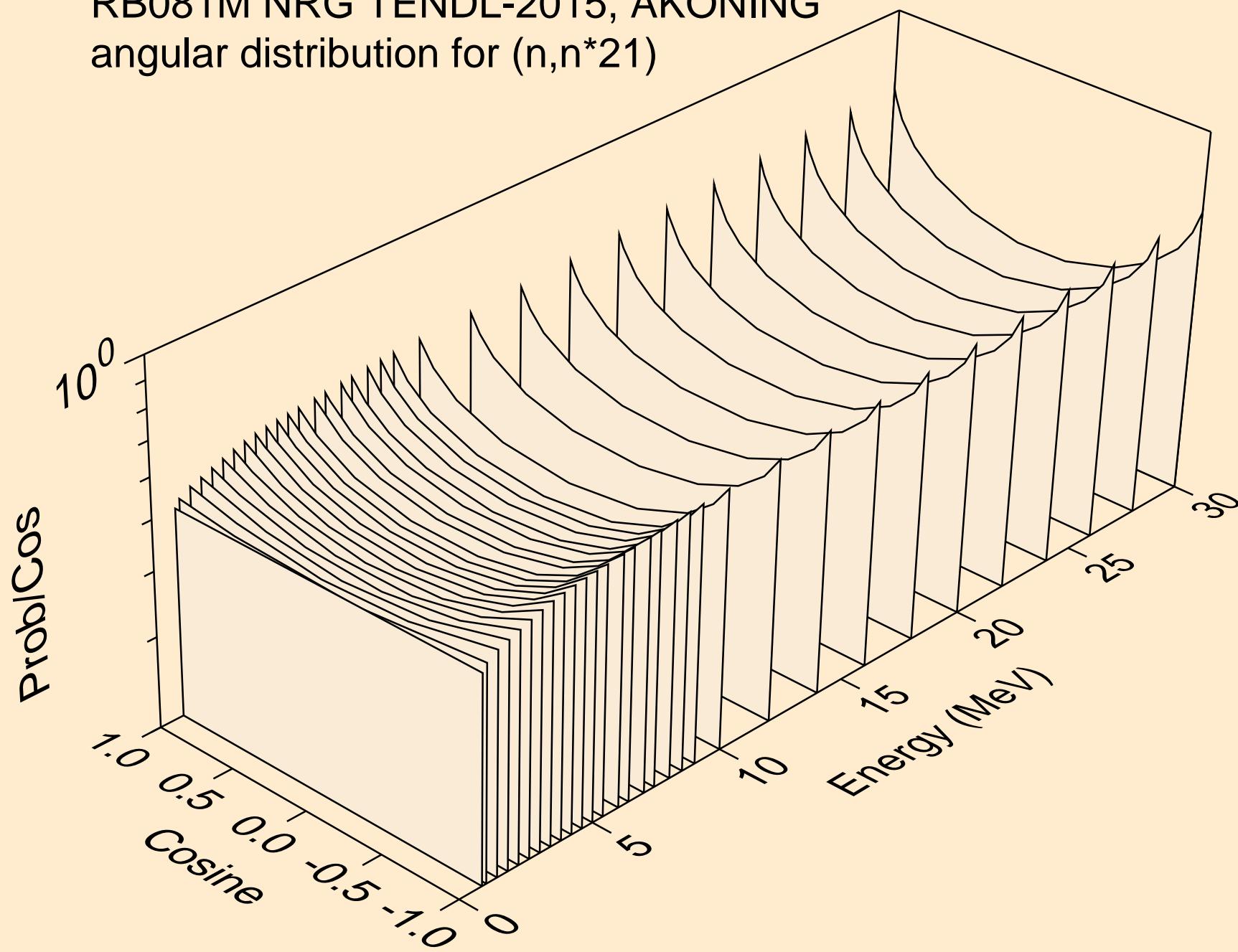
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angular distribution for (n,n\*19)



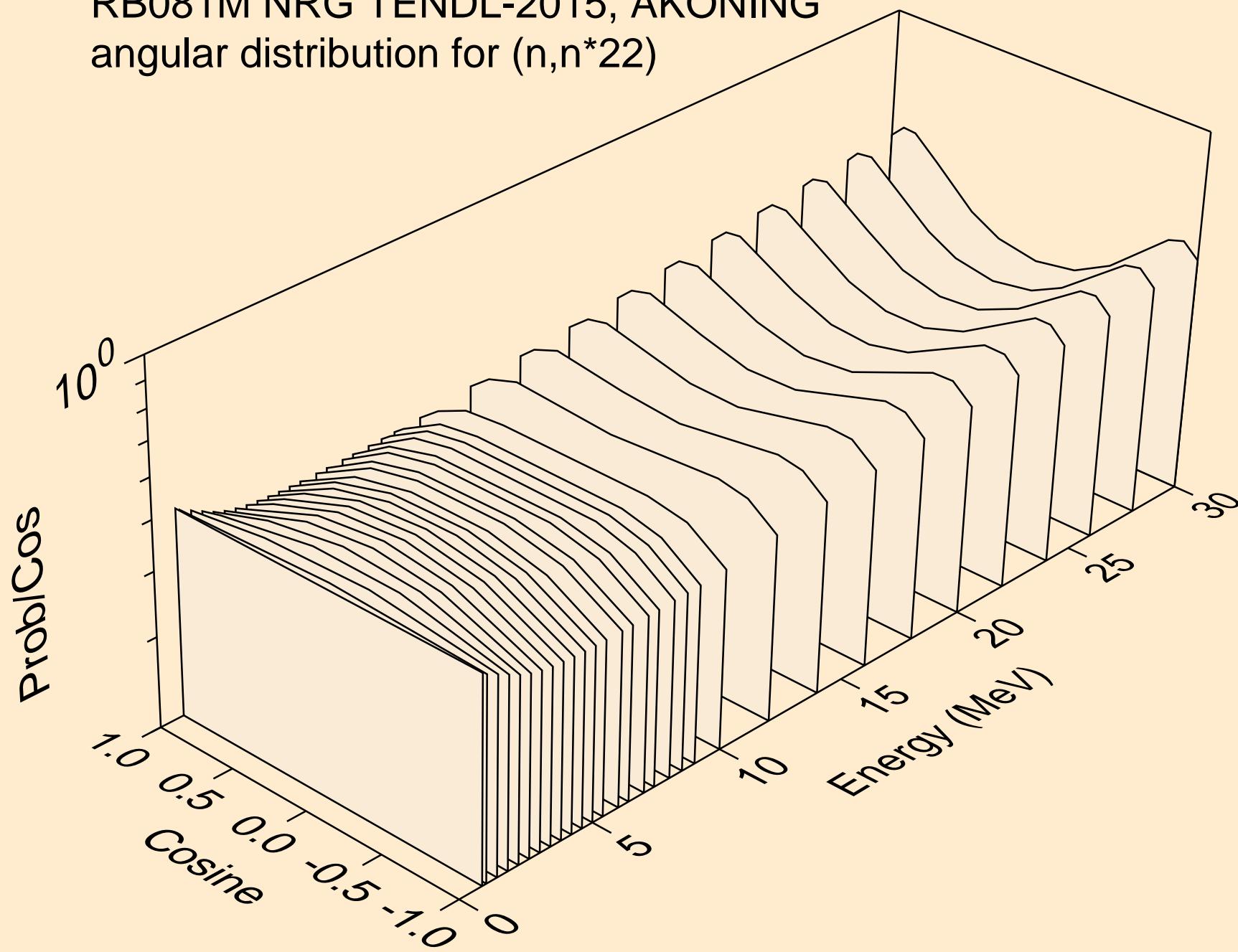
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angular distribution for  $(n,n^*)20$



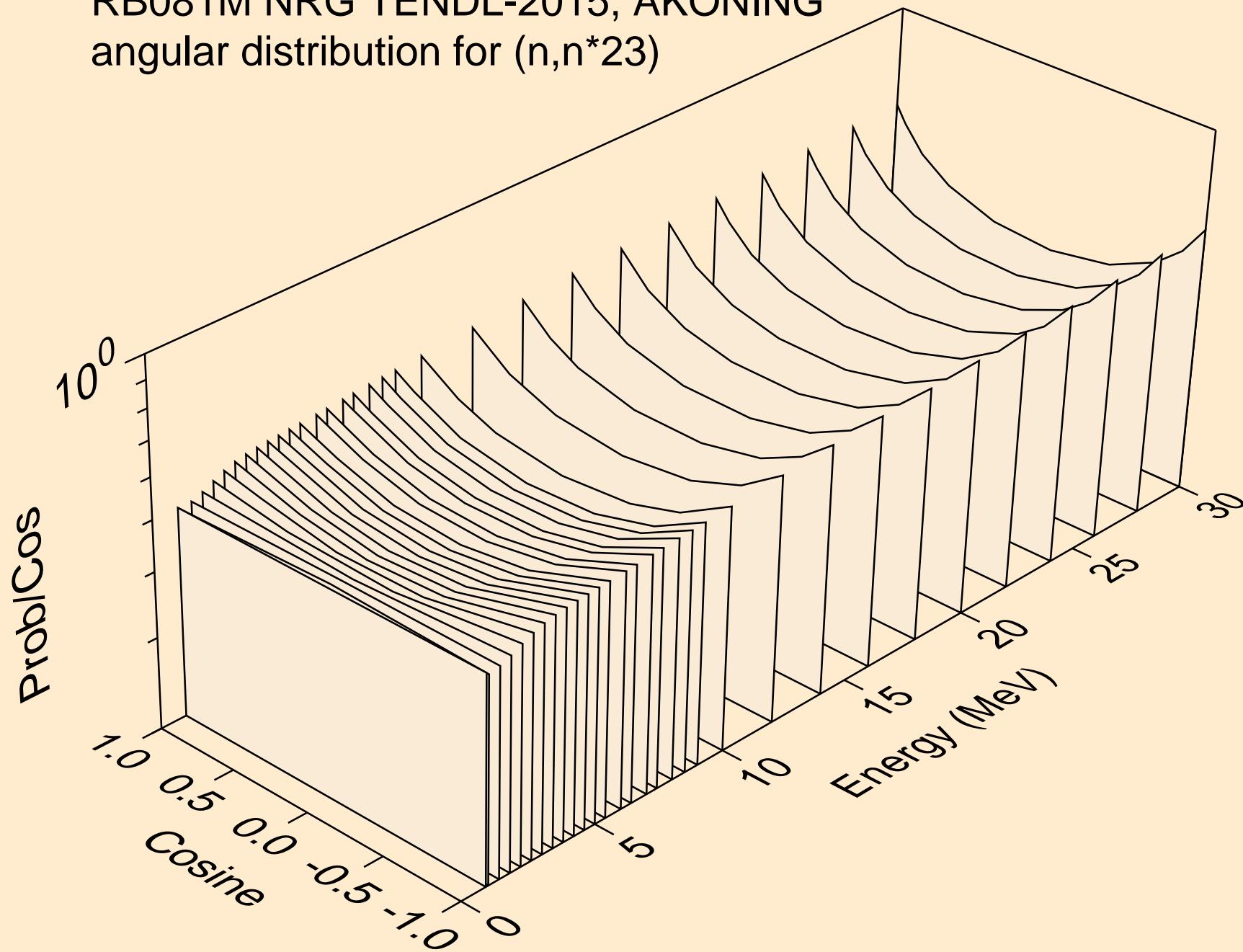
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angular distribution for  $(n,n^*21)$



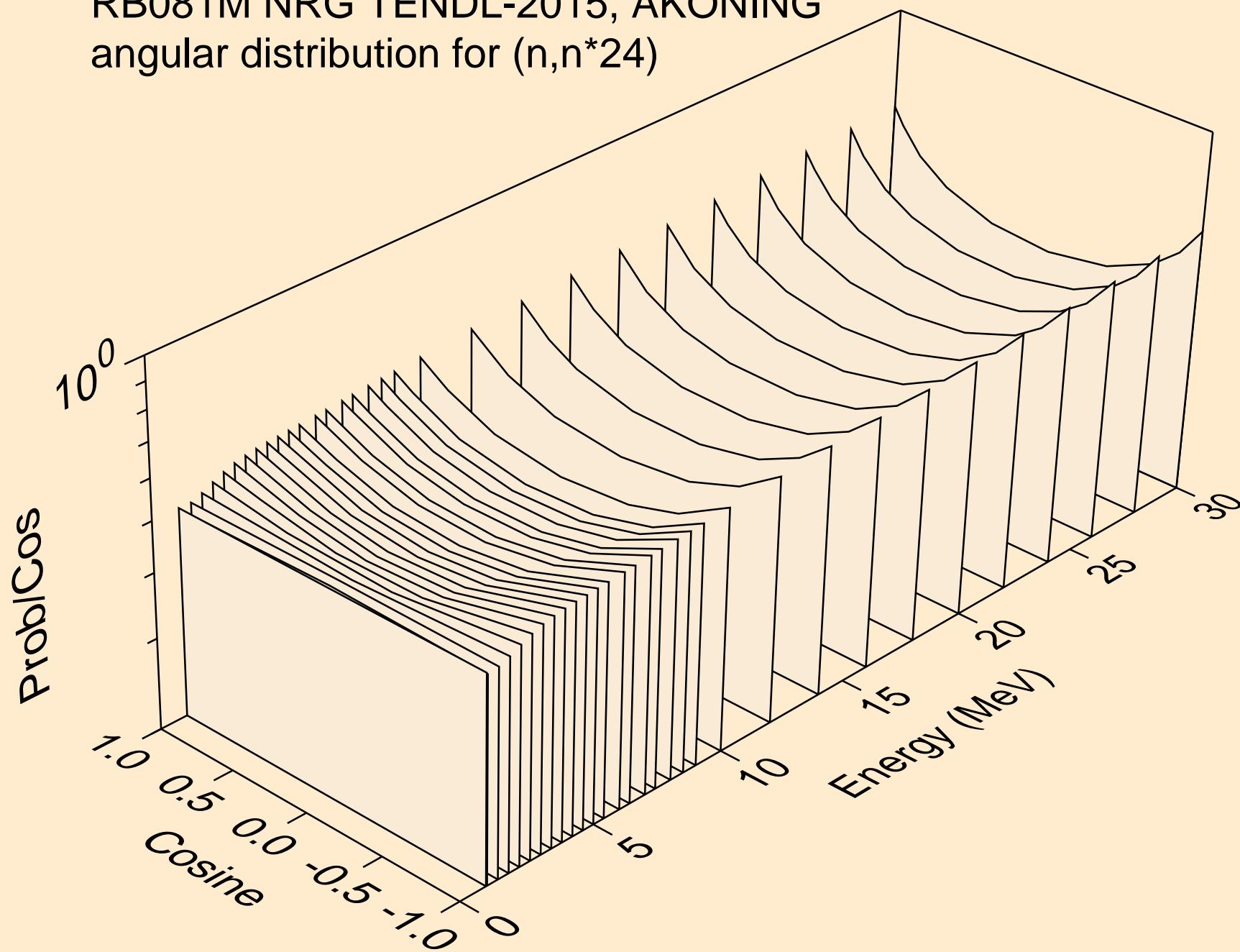
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angular distribution for  $(n,n^*)_{22}$



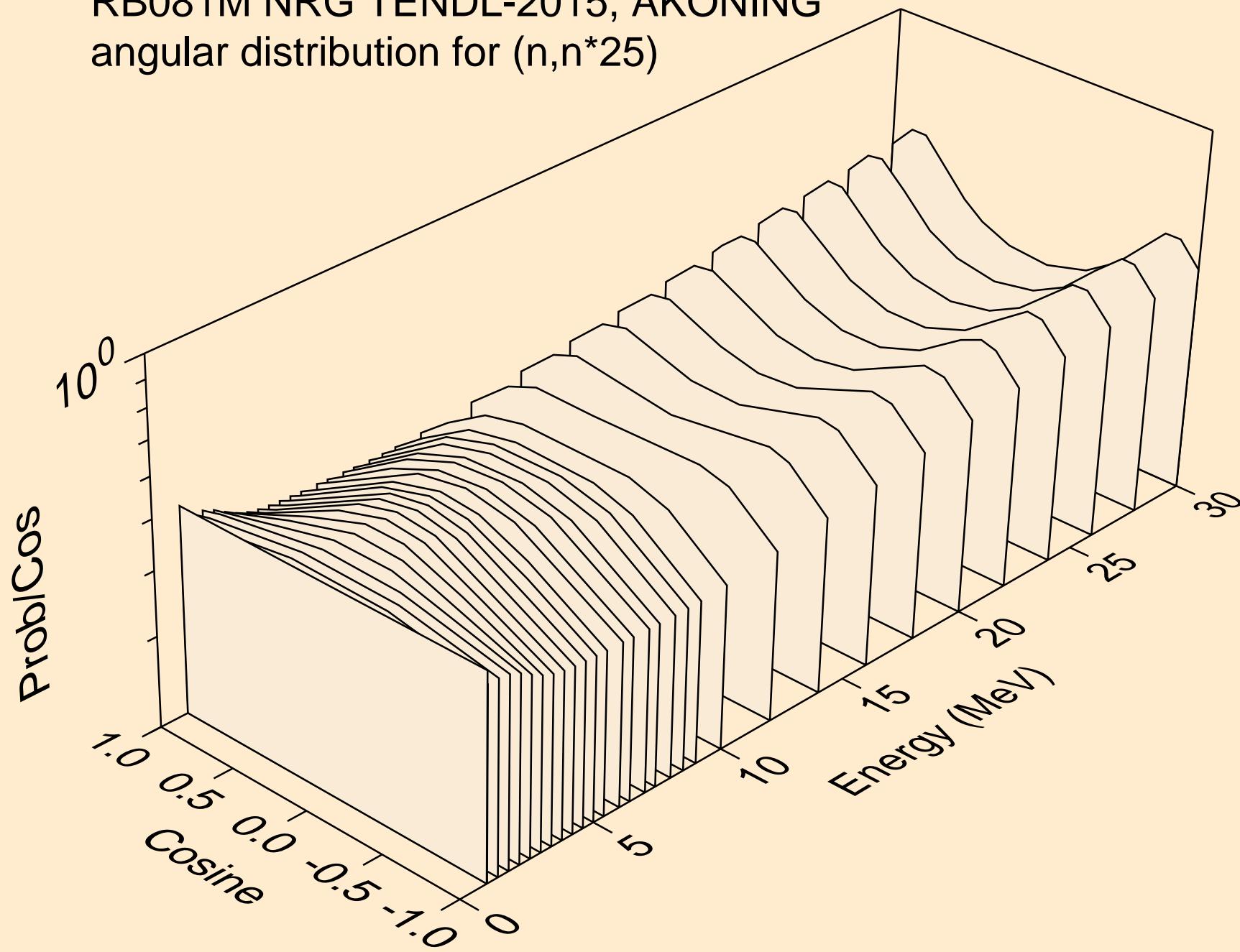
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angular distribution for (n,n\*23)



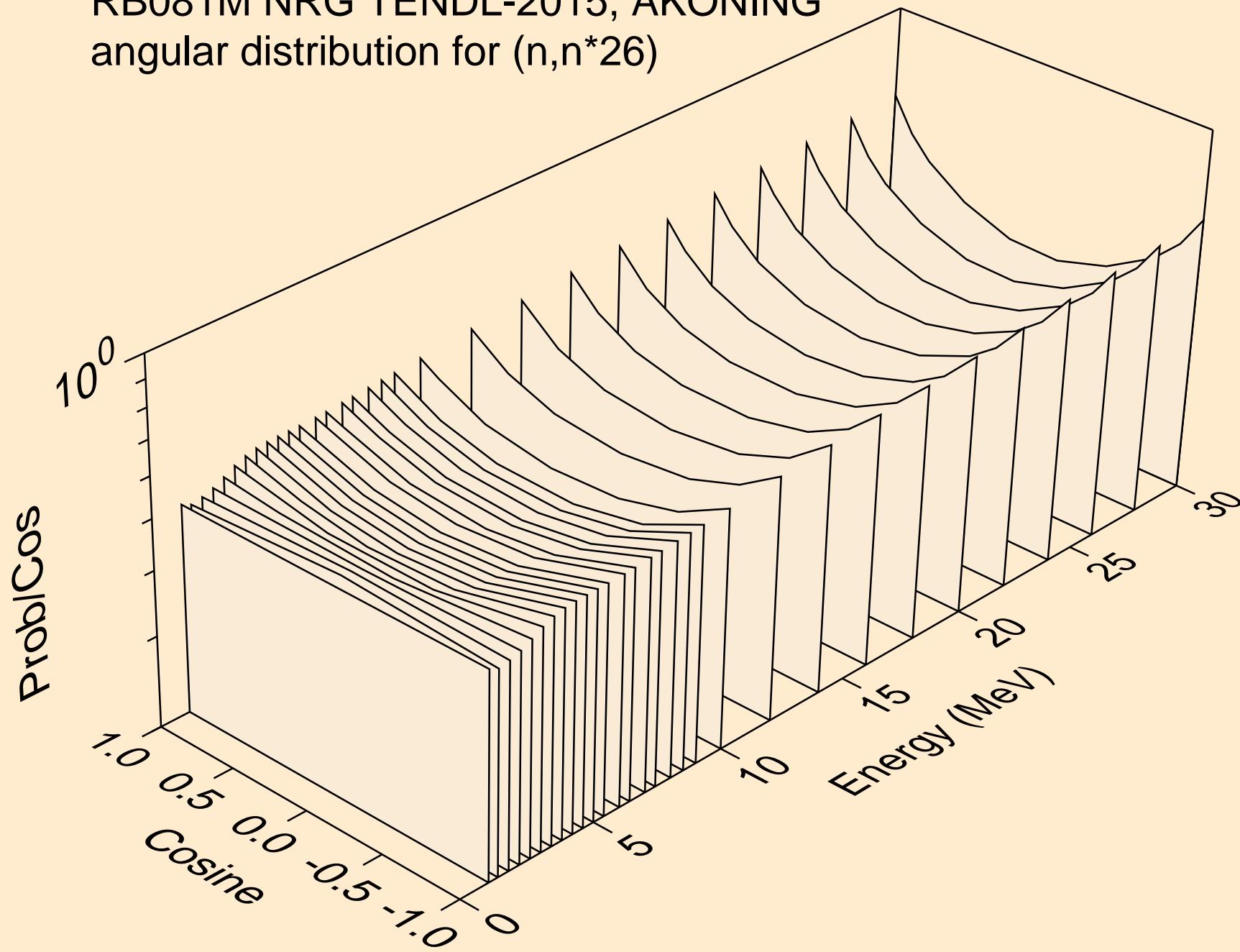
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angular distribution for (n,n\*24)



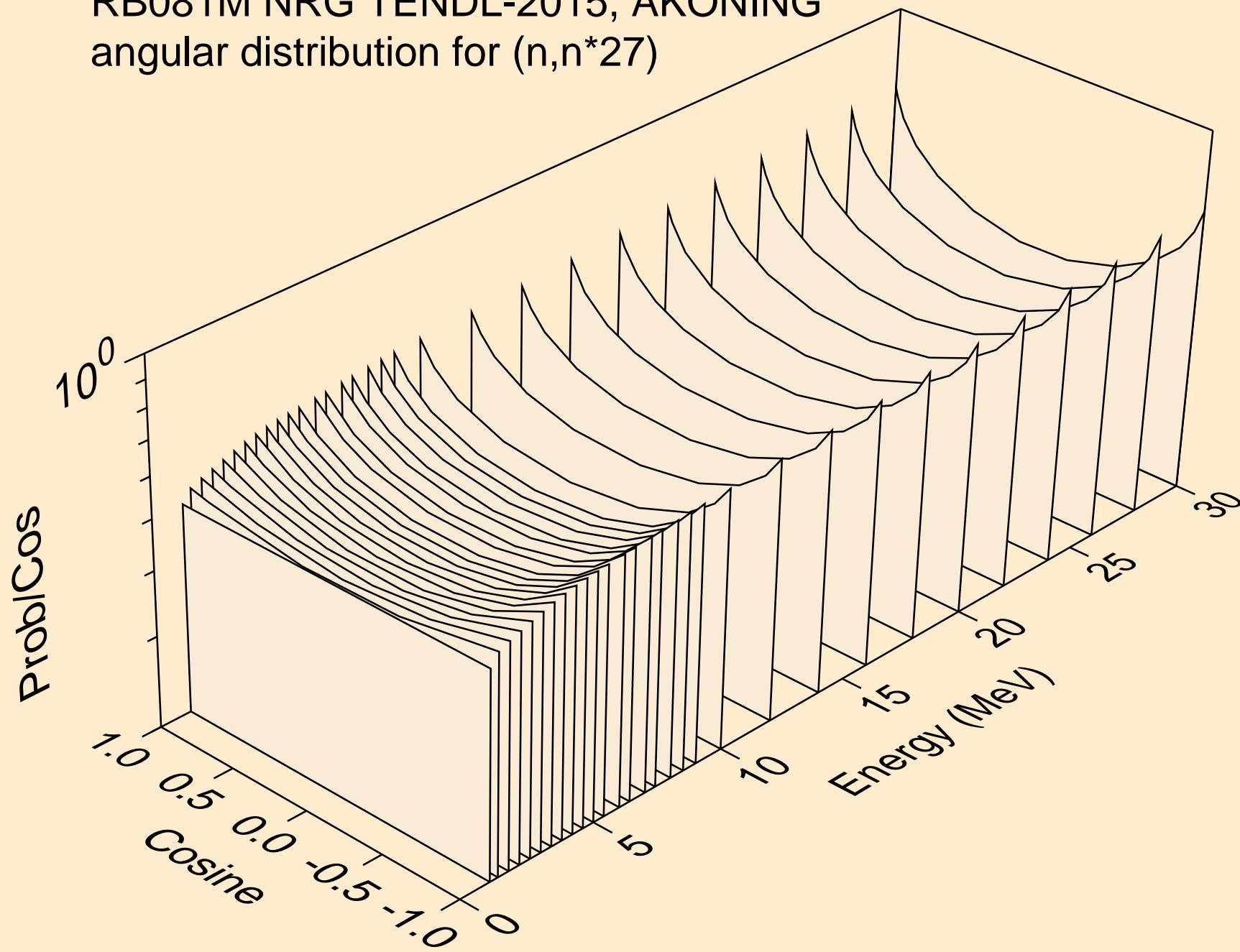
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angular distribution for (n,n\*25)



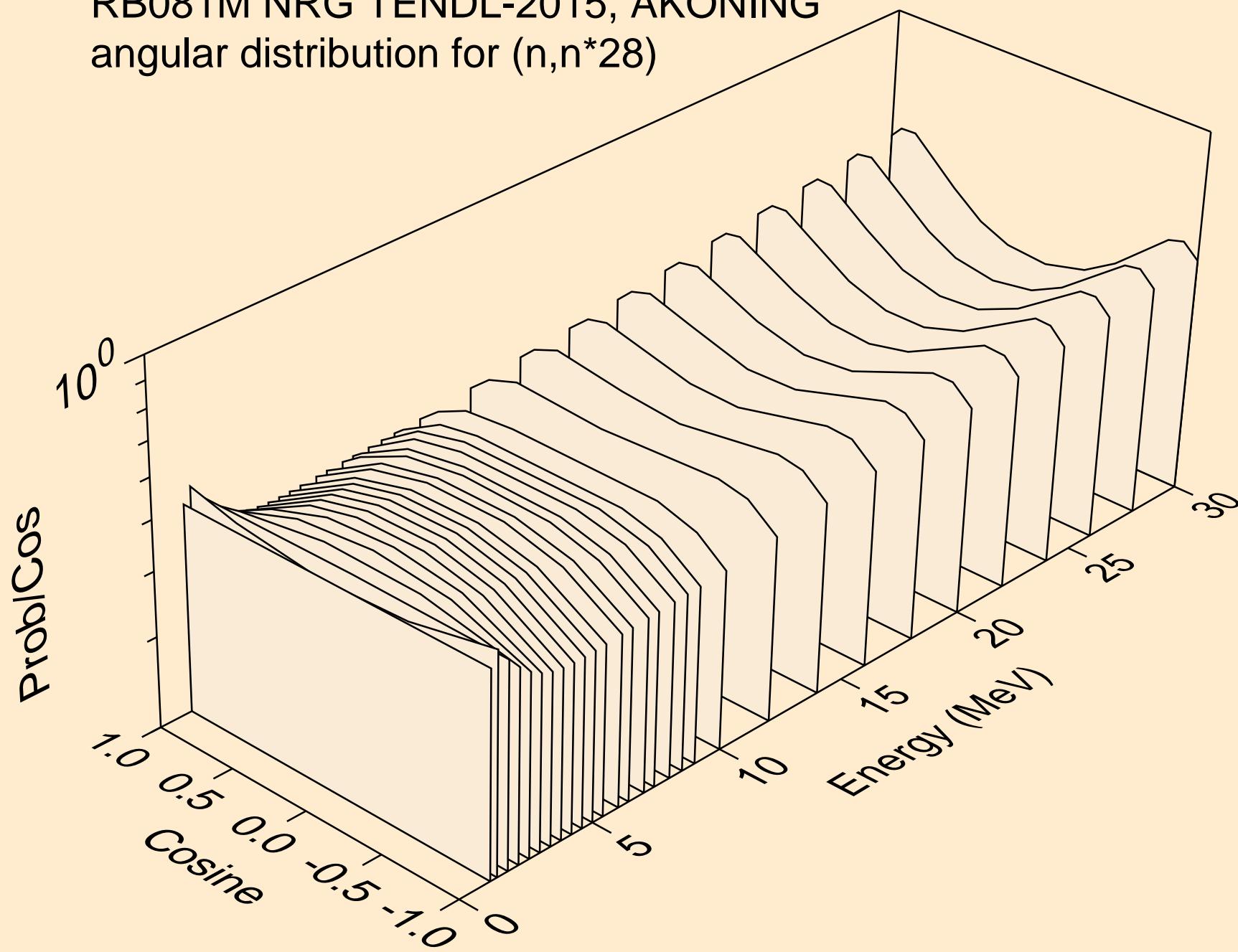
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angular distribution for  $(n,n^*)_{26}$



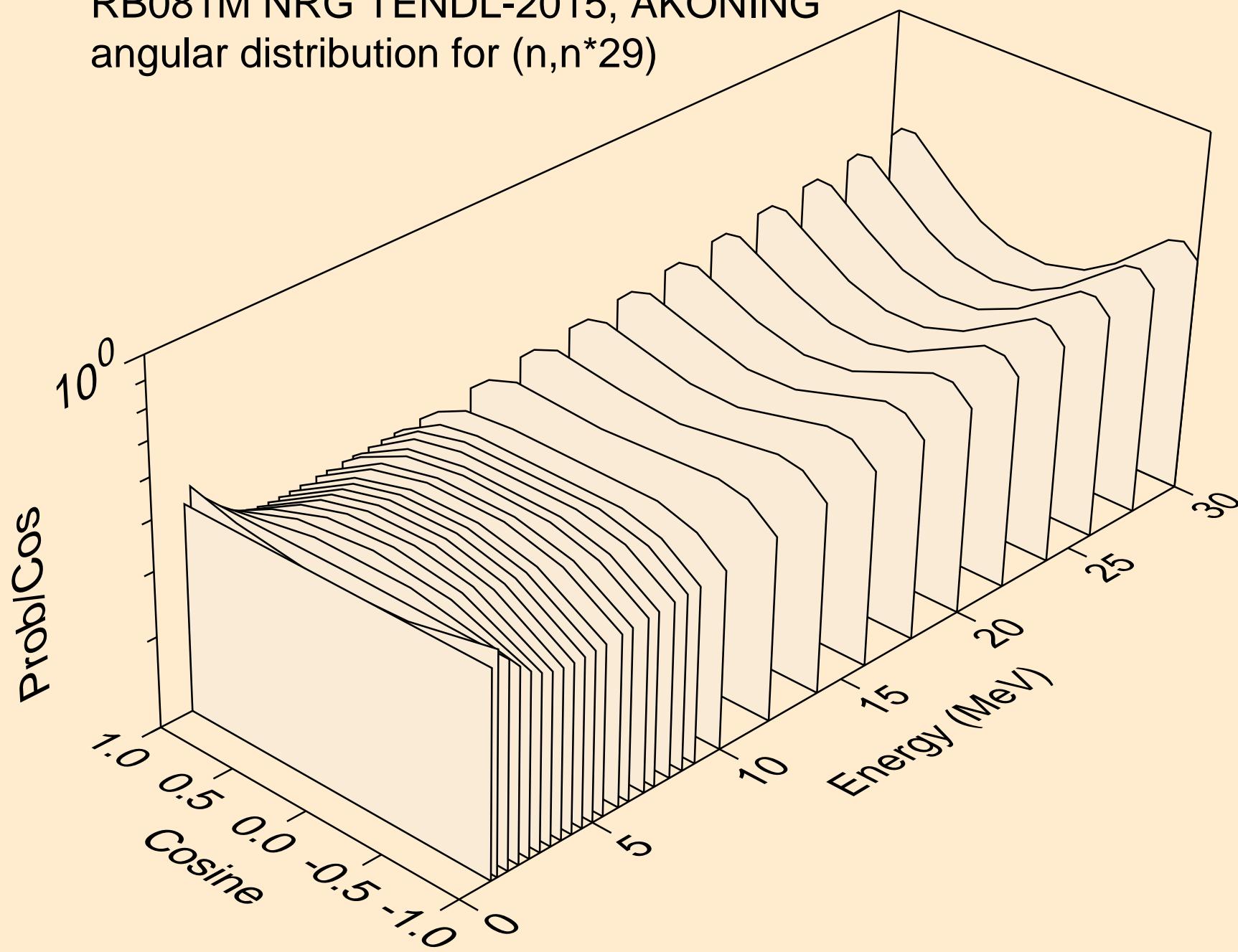
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angular distribution for  $(n,n^*27)$



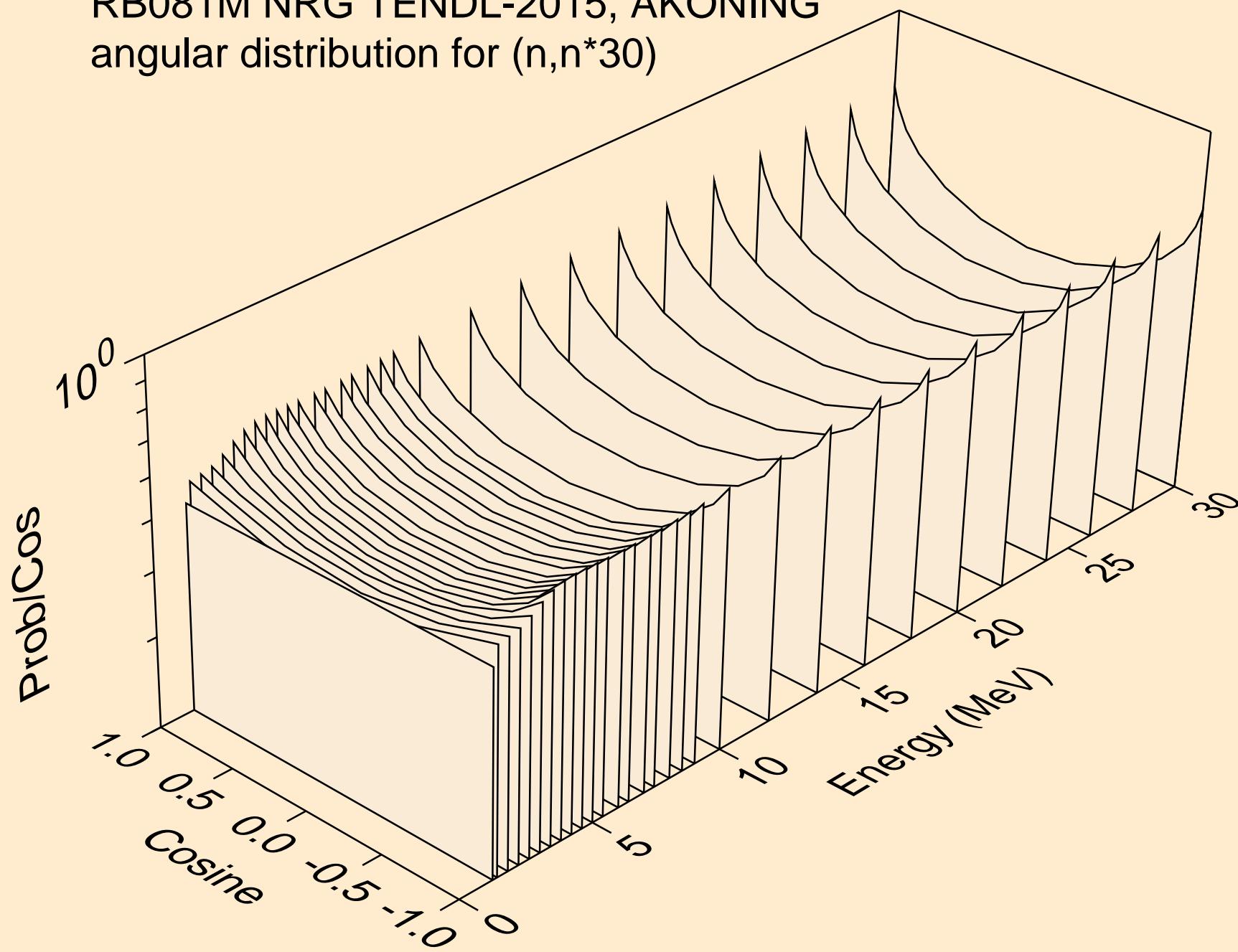
RB081M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^{28}$



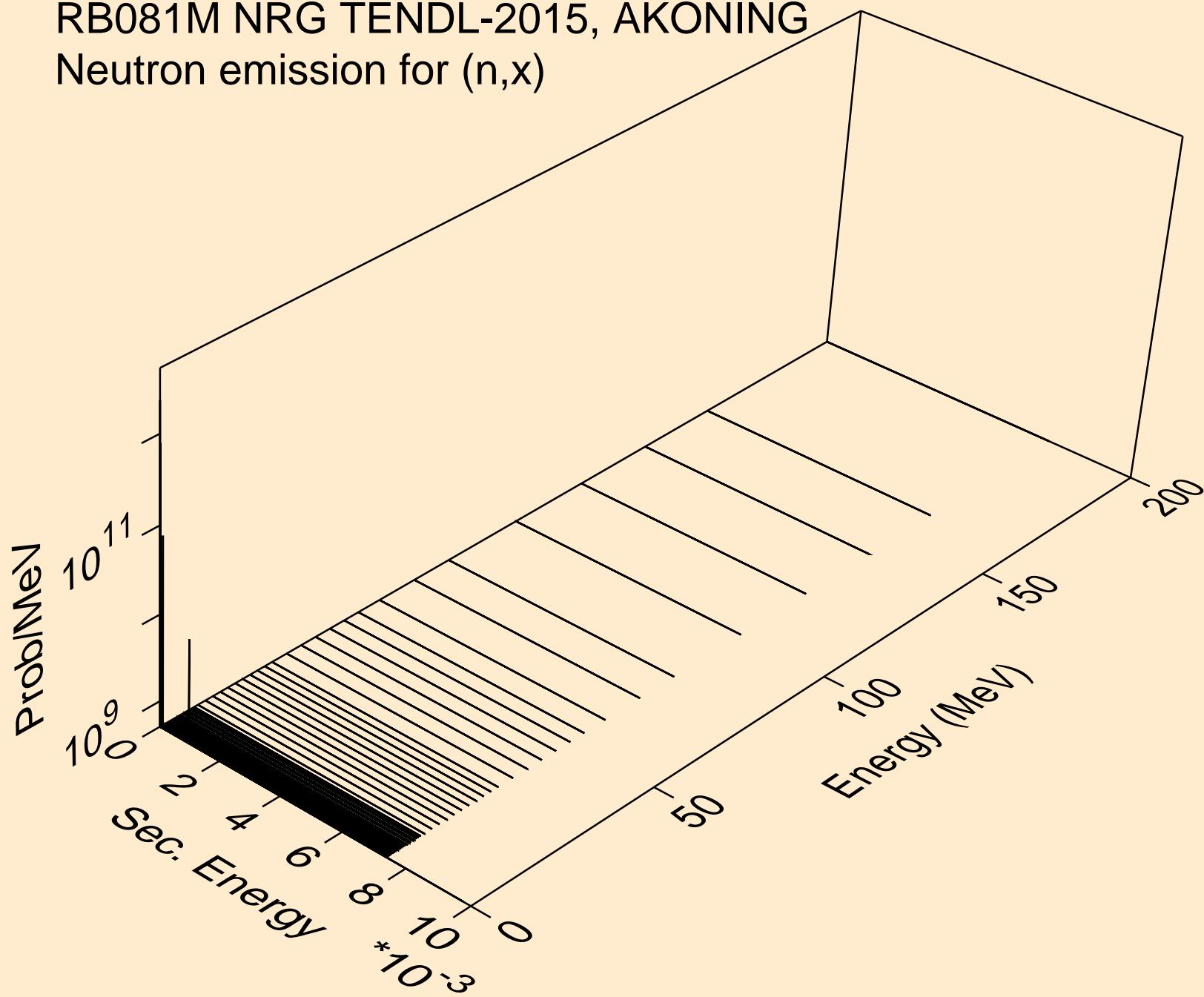
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angular distribution for  $(n,n^*29)$



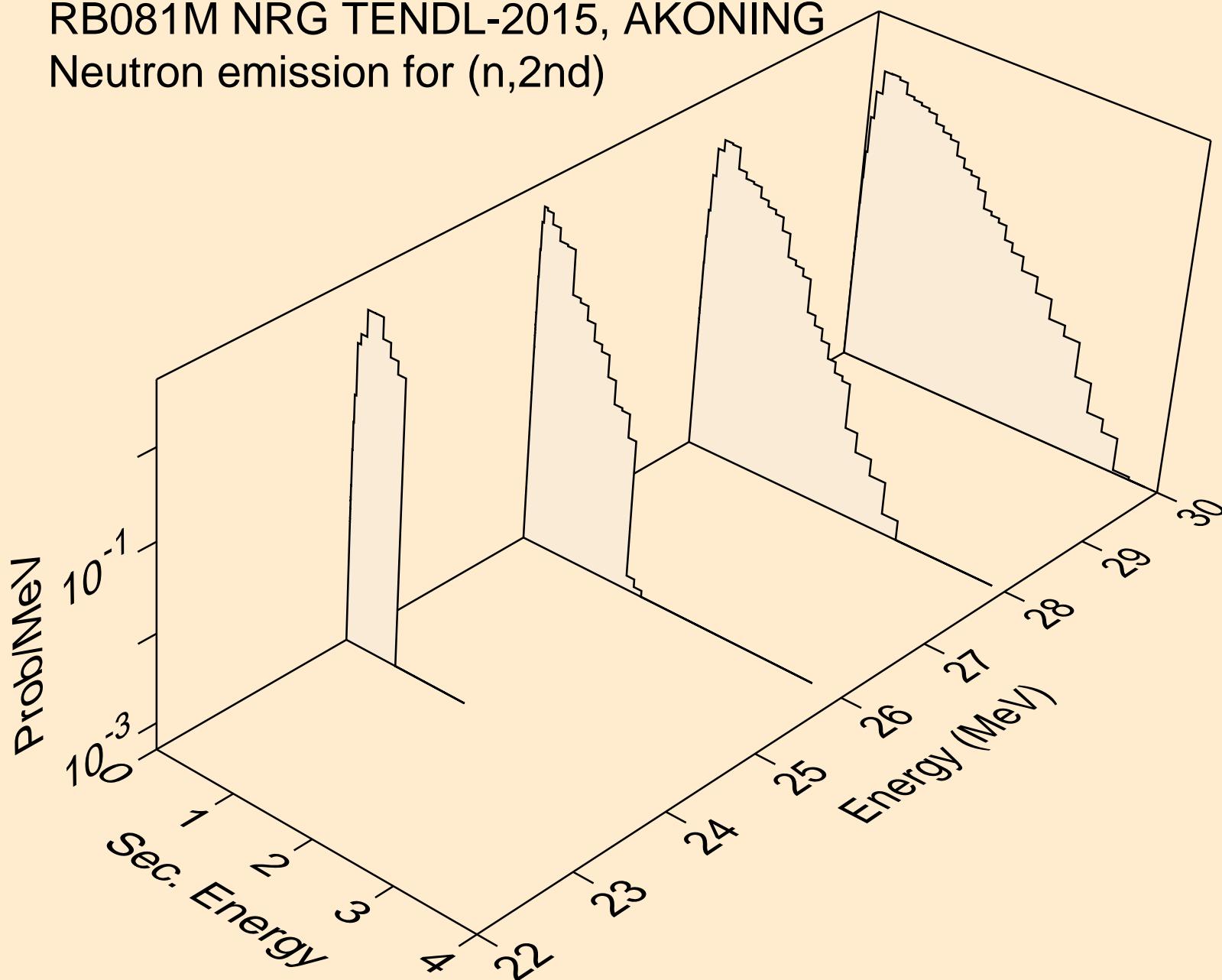
RB081M NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)30$



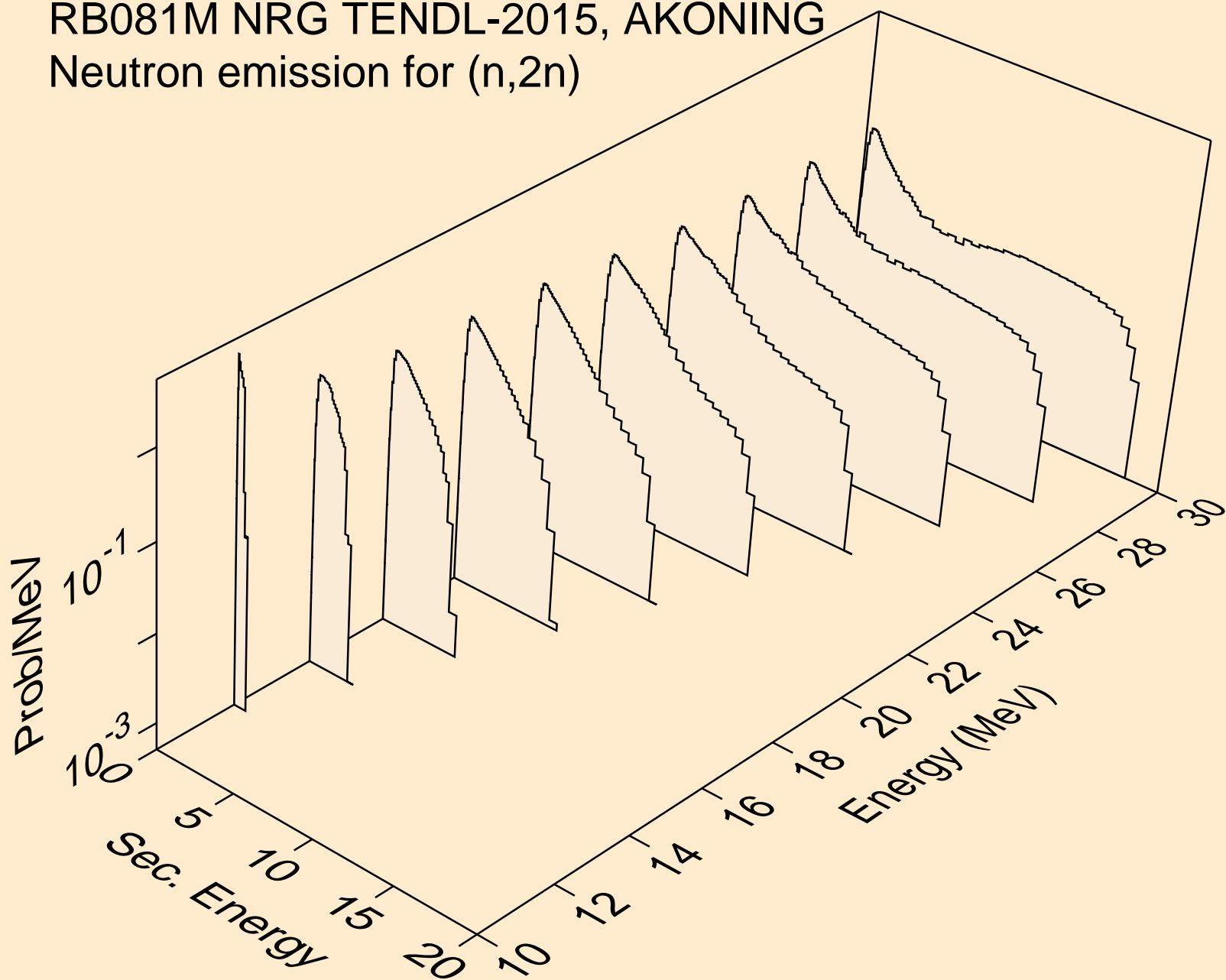
RB081M NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



RB081M NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

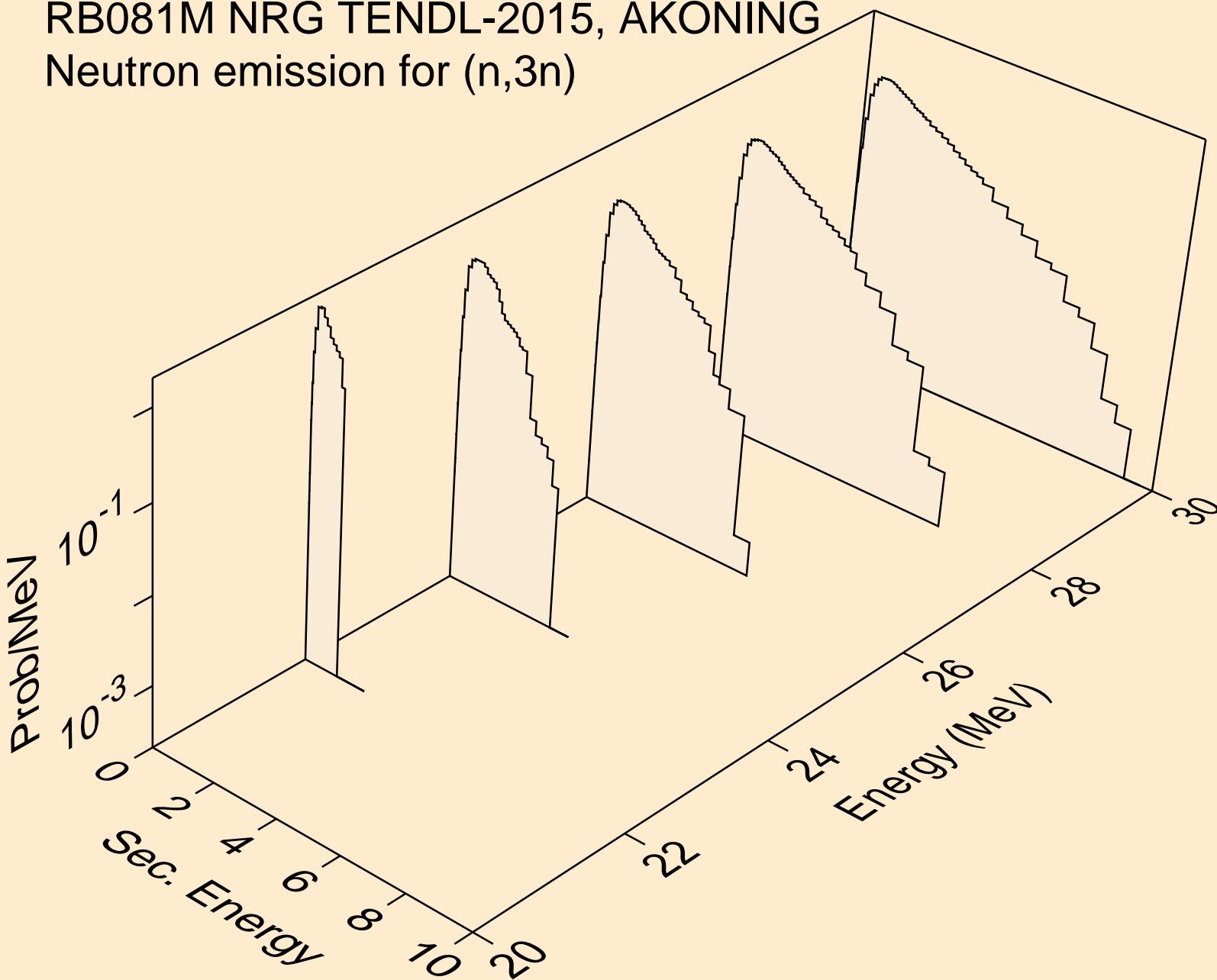


RB081M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

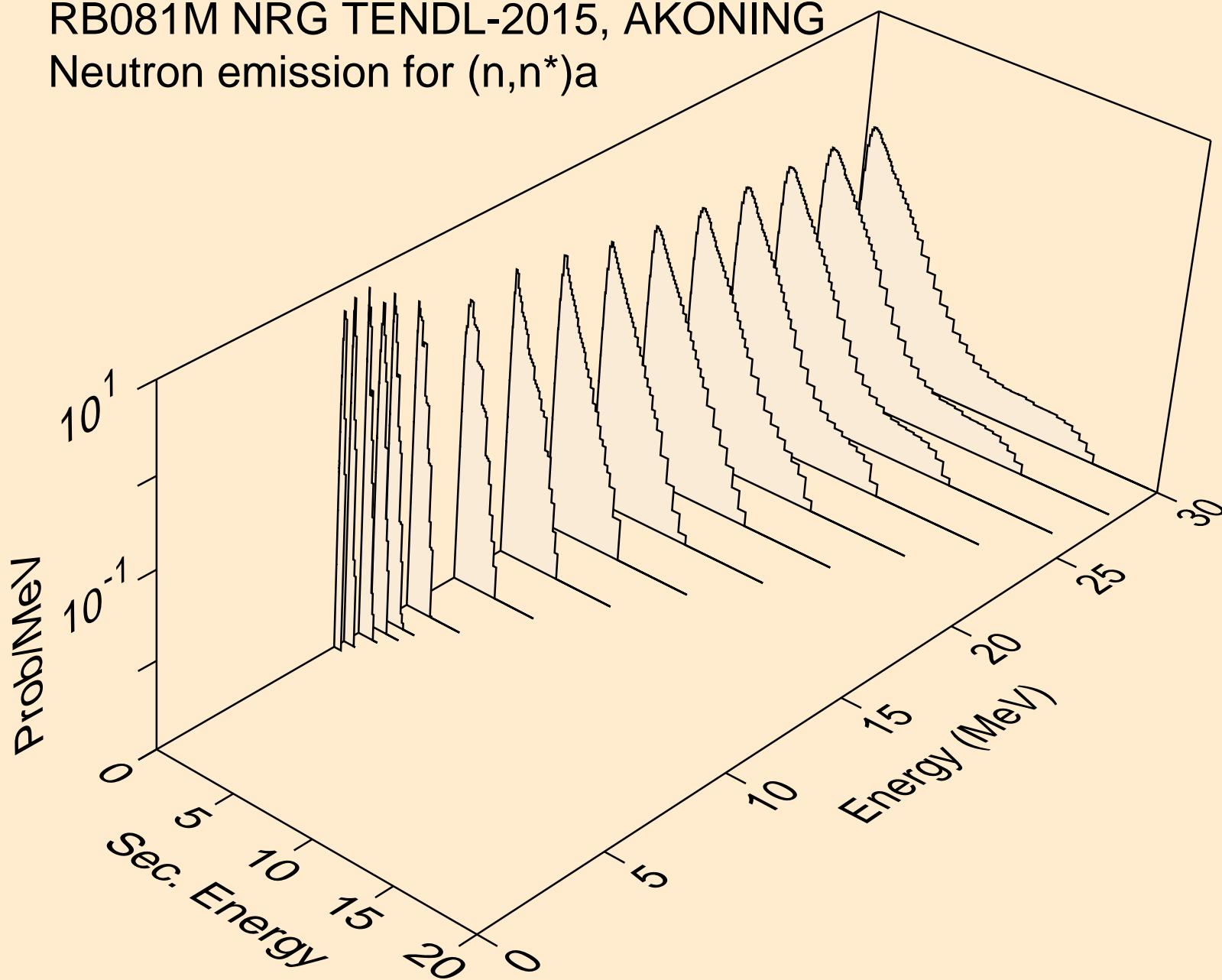


# RB081M NRG TENDL-2015, AKONING

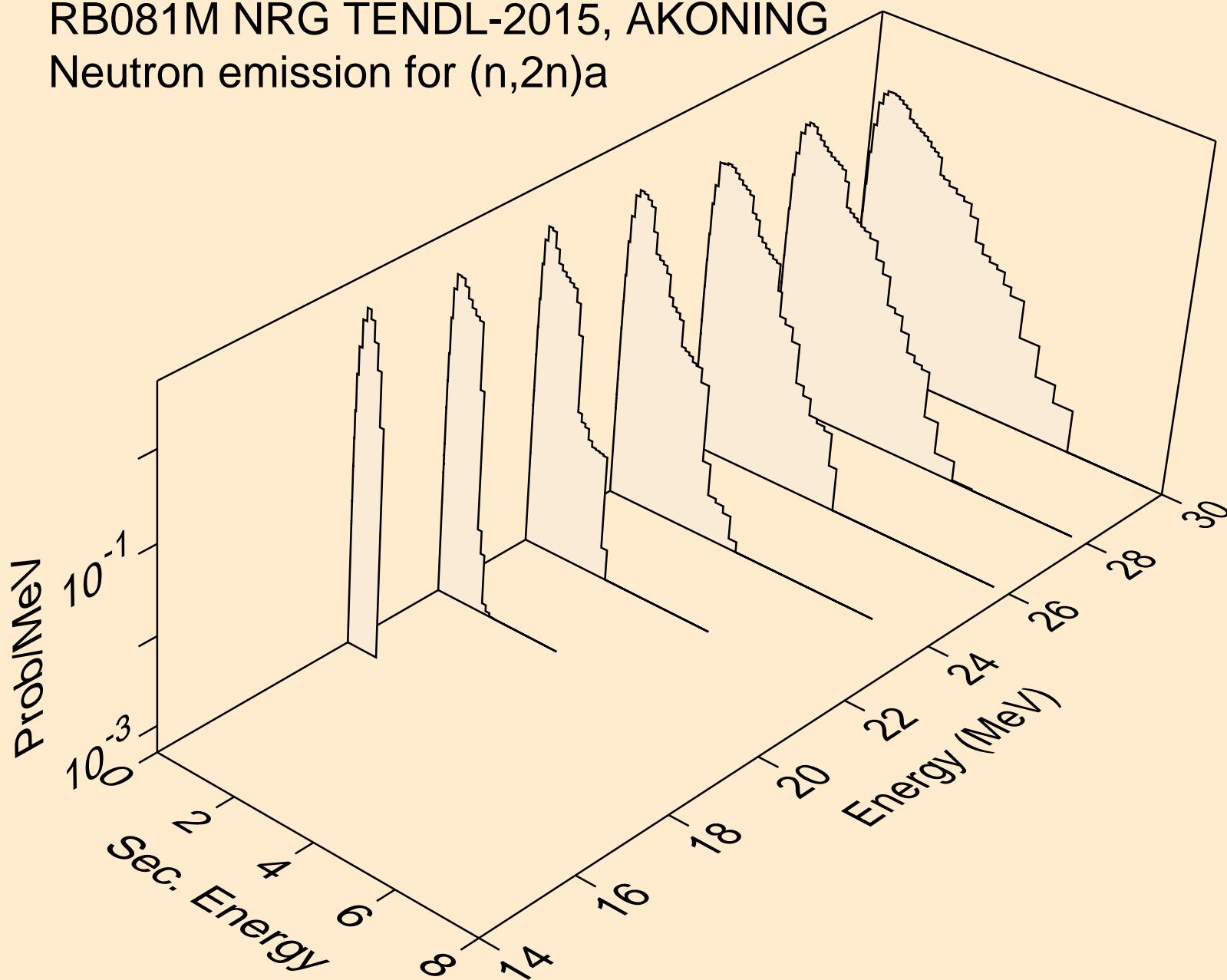
## Neutron emission for (n,3n)



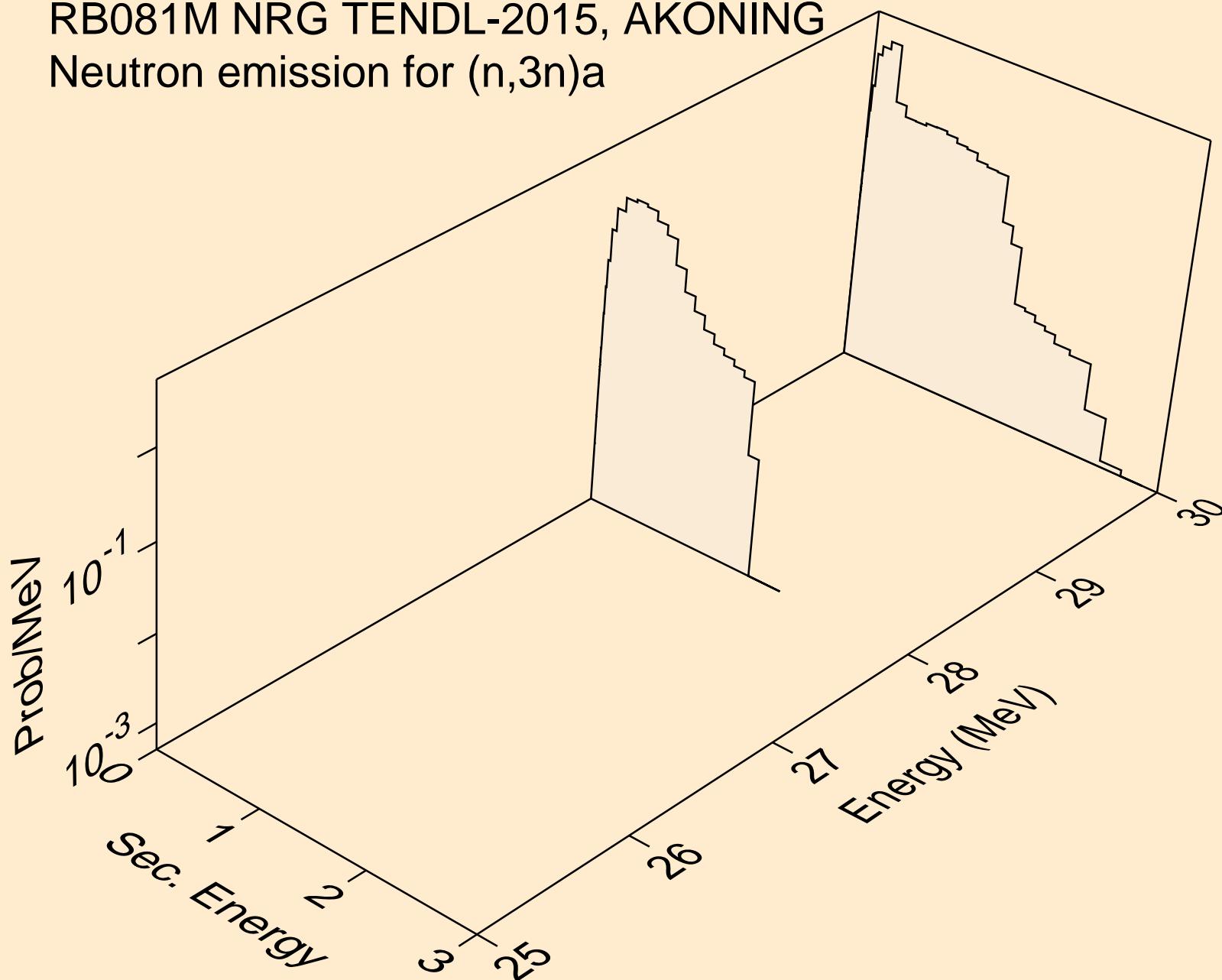
RB081M NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)a$



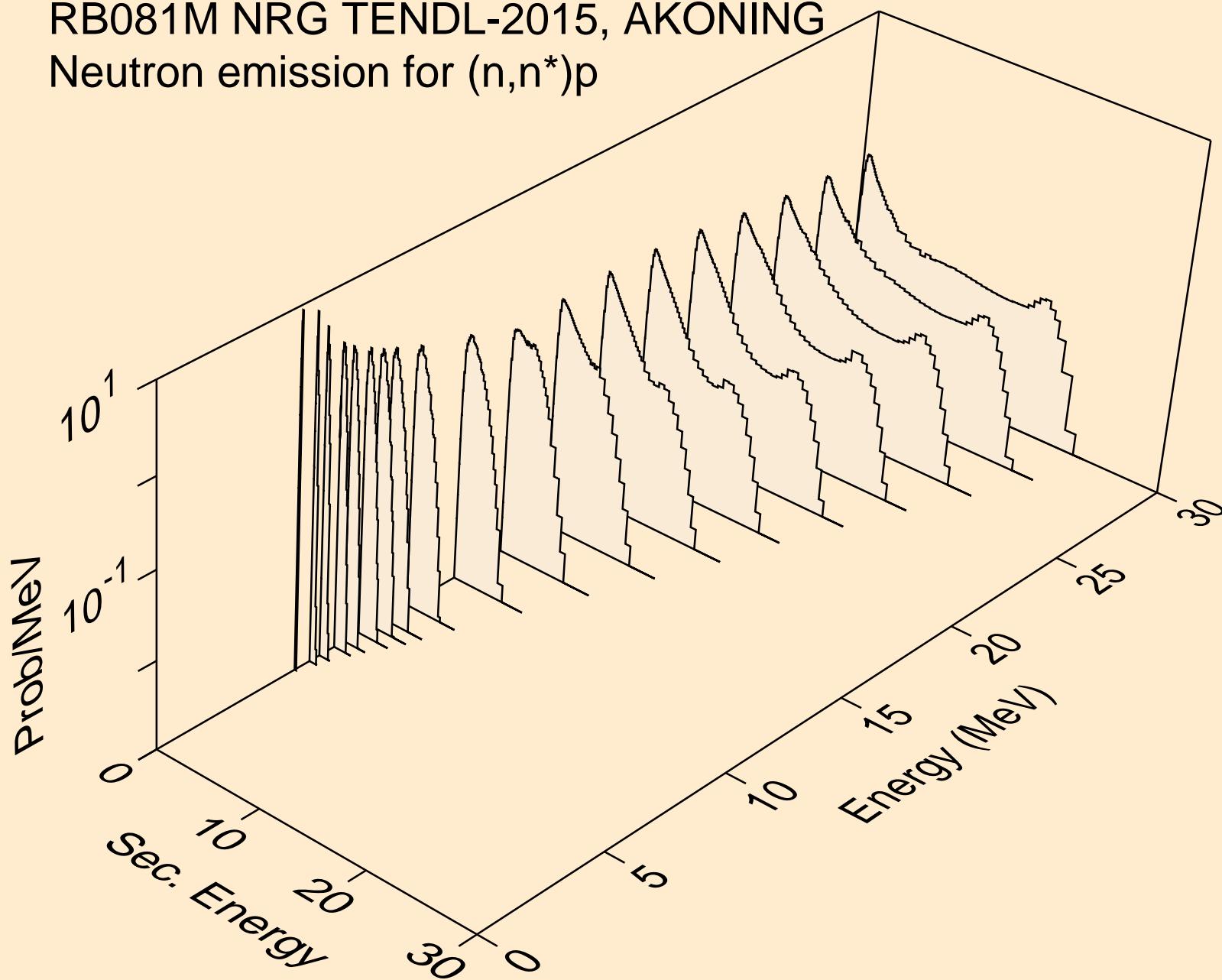
RB081M NRG TENDL-2015, AKONING  
Neutron emission for  $(n,2n)a$



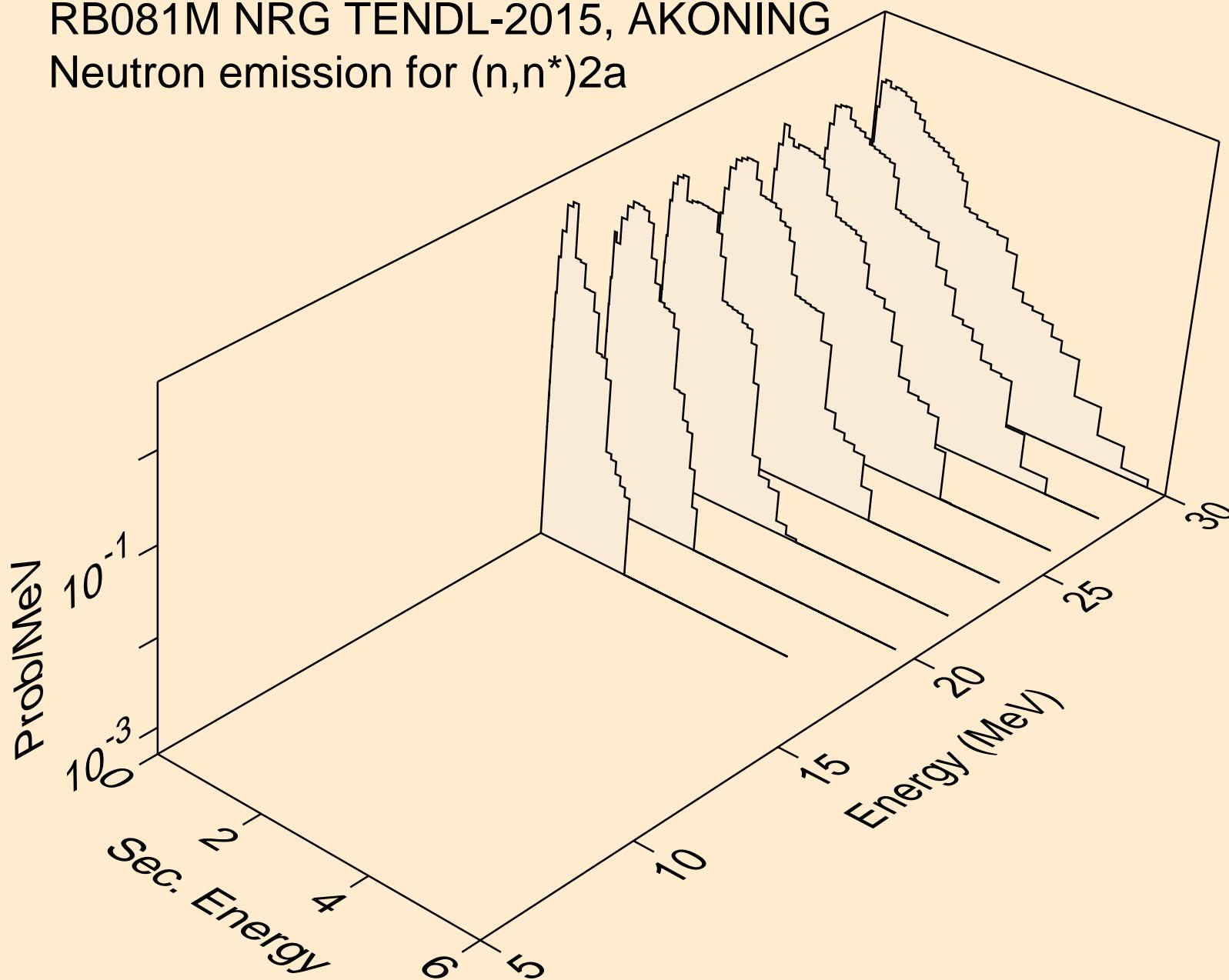
RB081M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



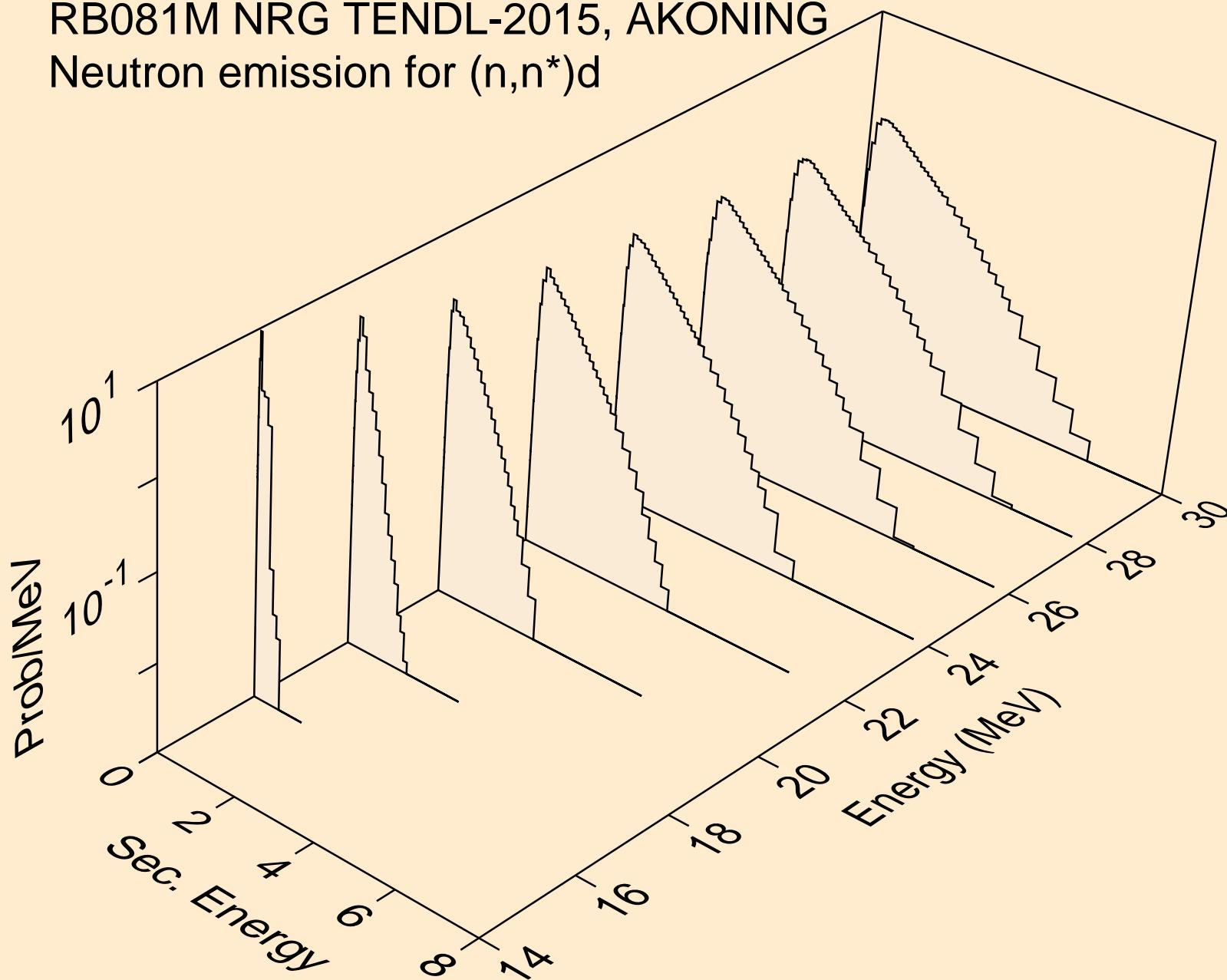
RB081M NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)p$



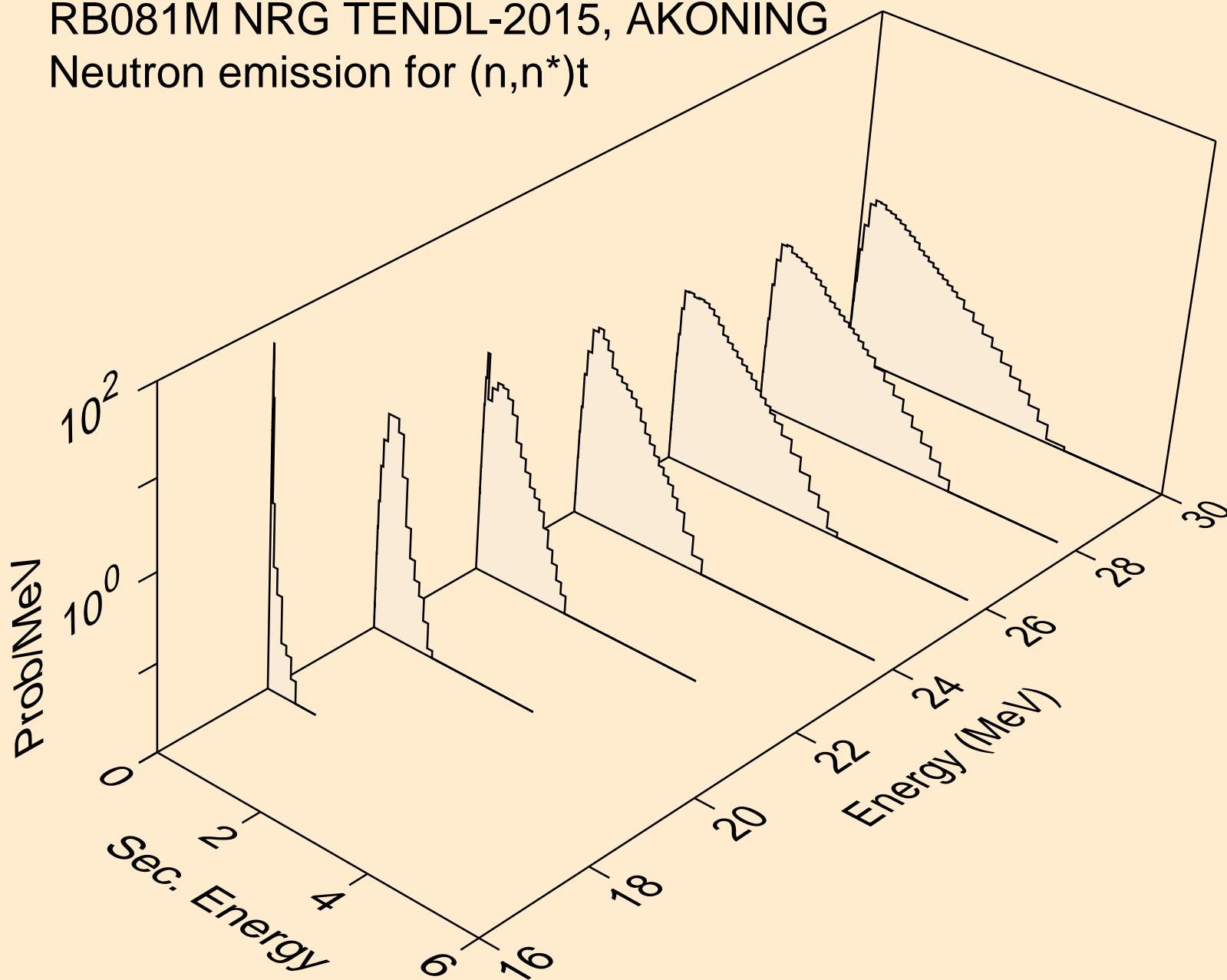
RB081M NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)2a$



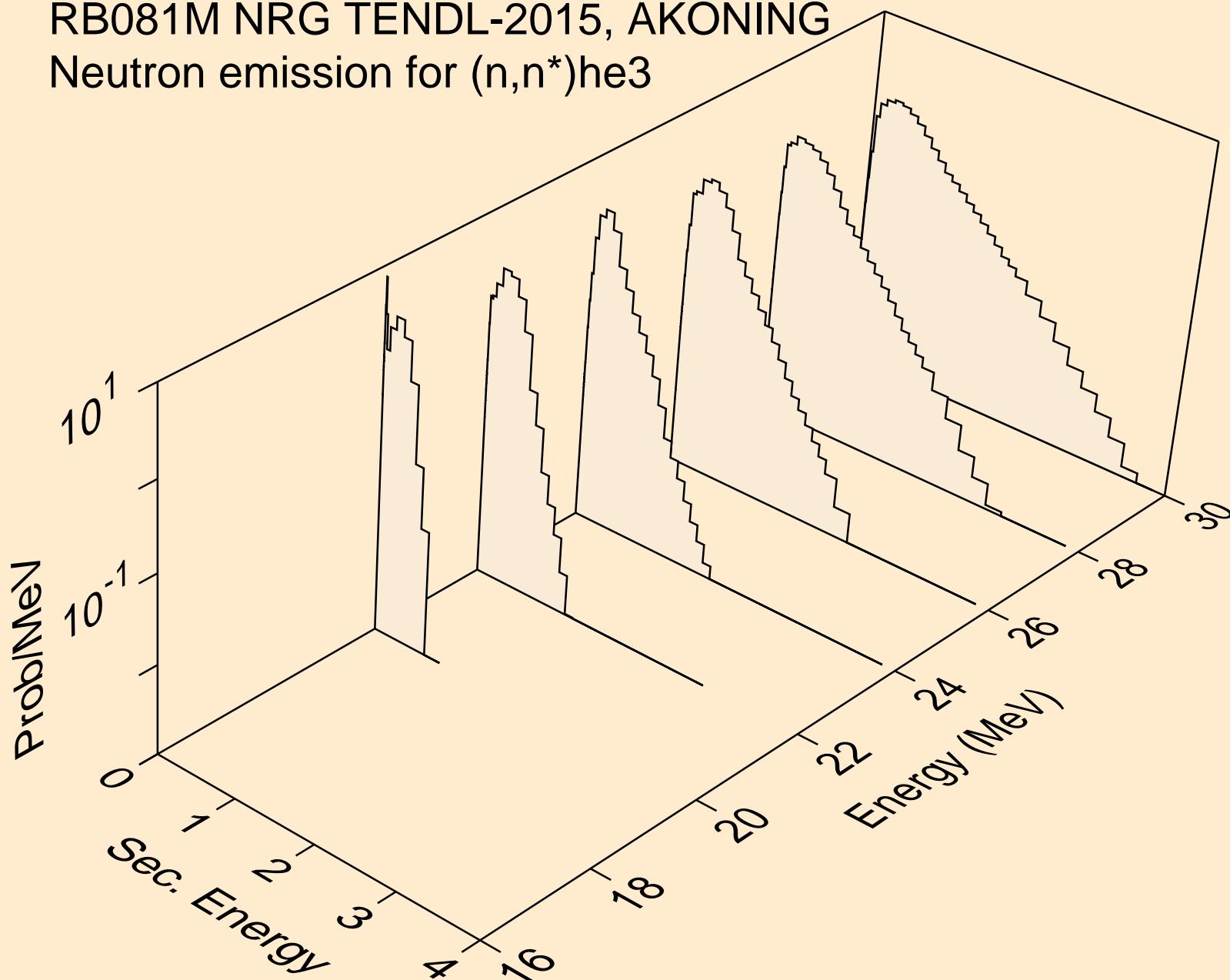
RB081M NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)d$



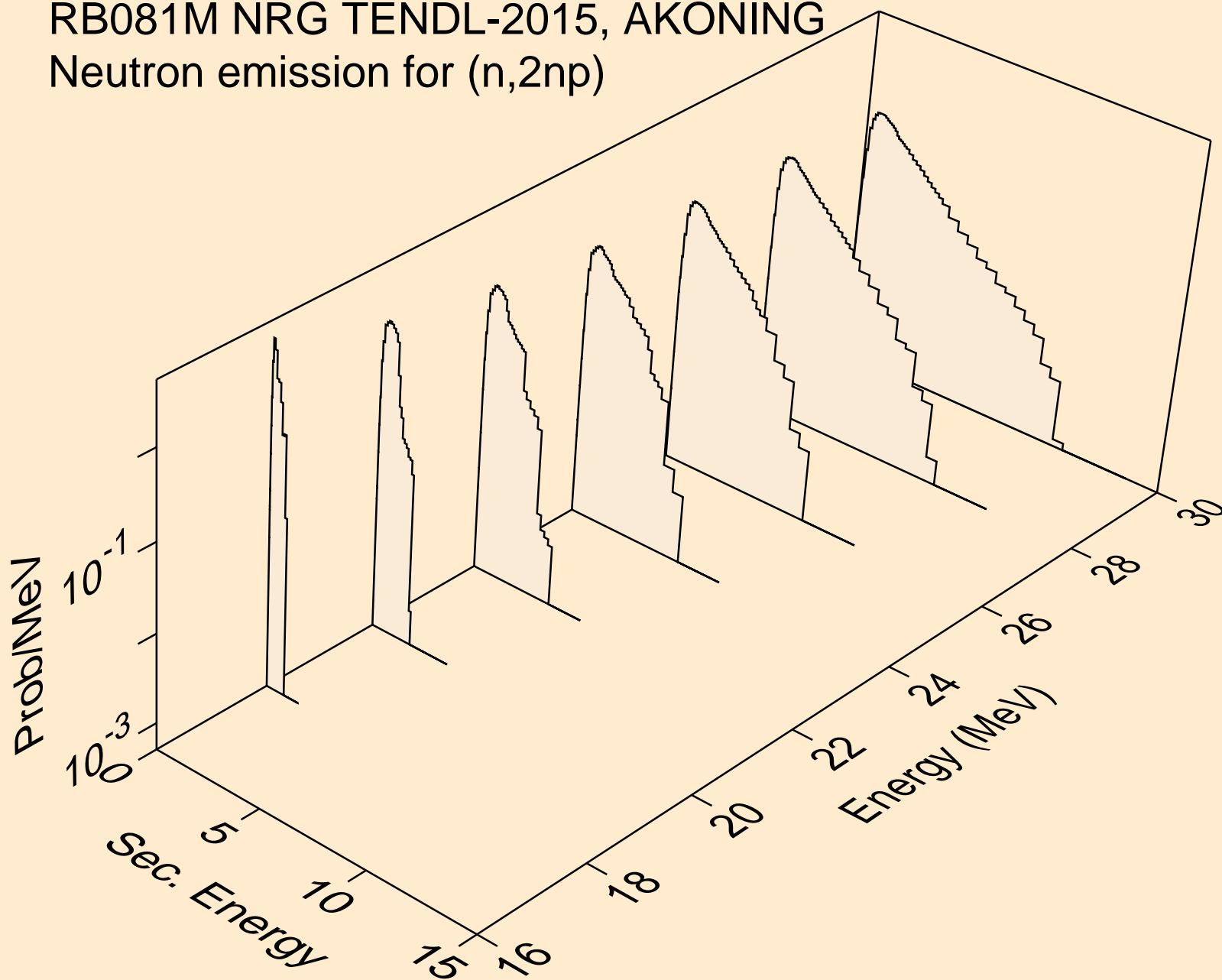
RB081M NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)t$



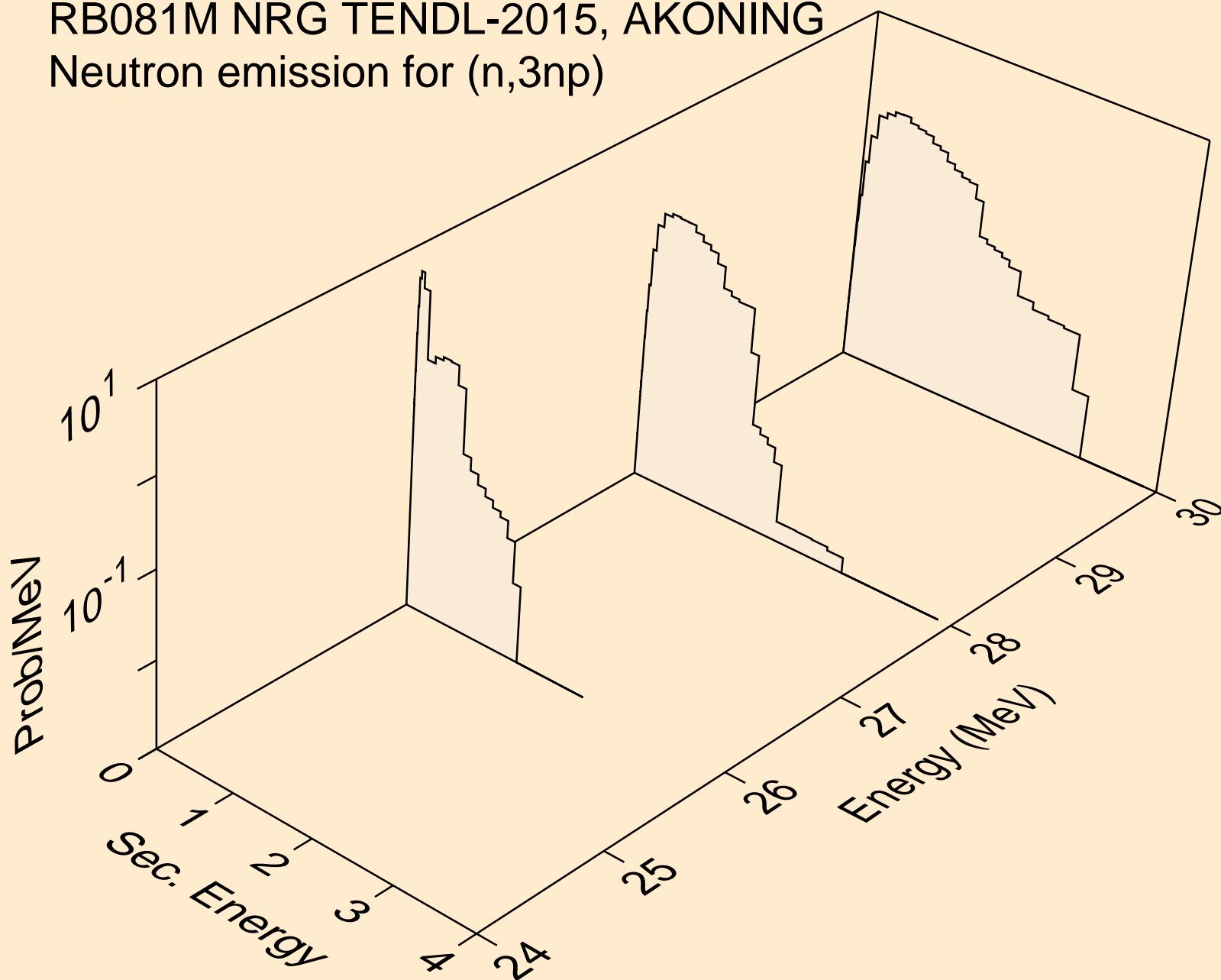
RB081M NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)\text{he3}$



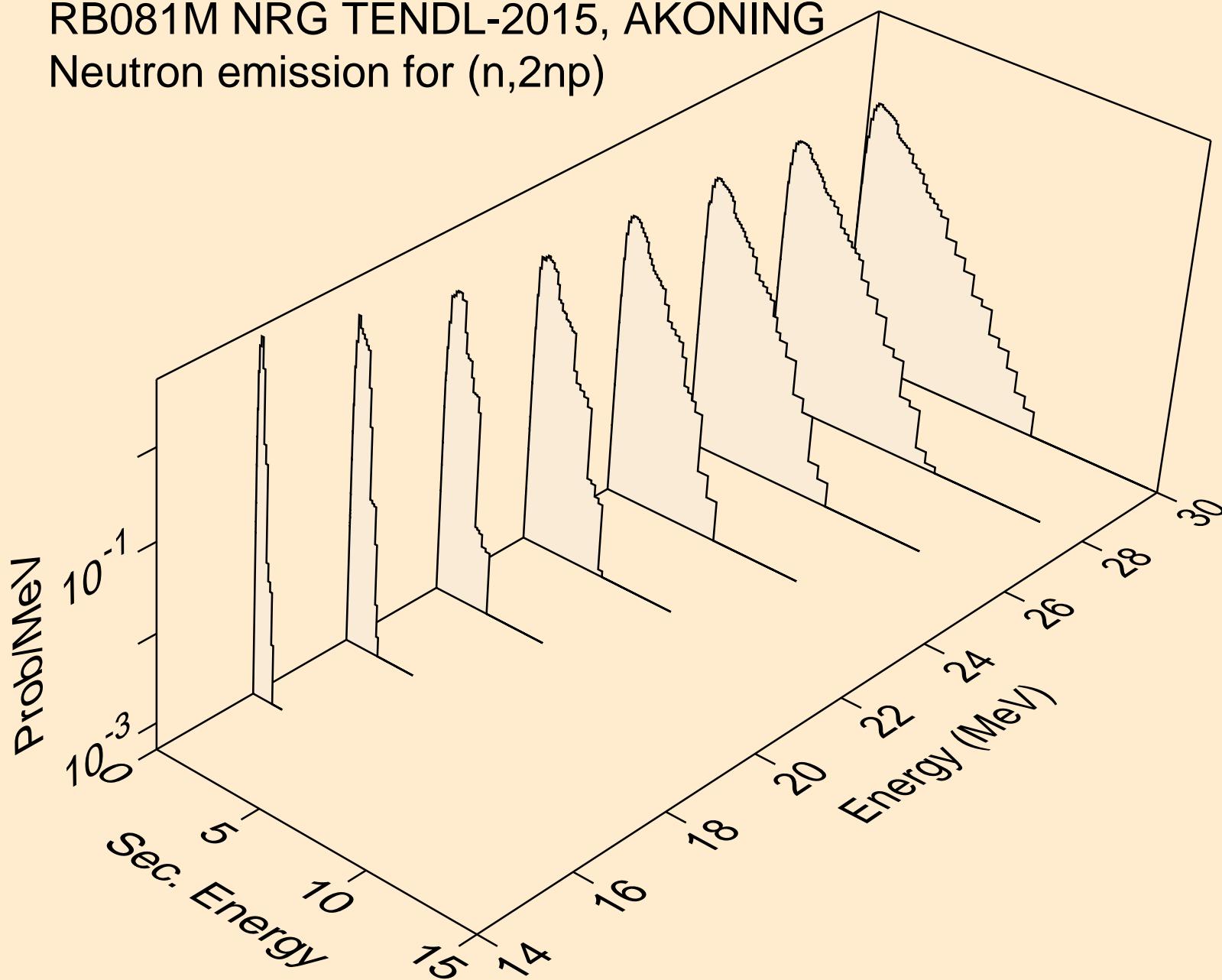
RB081M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



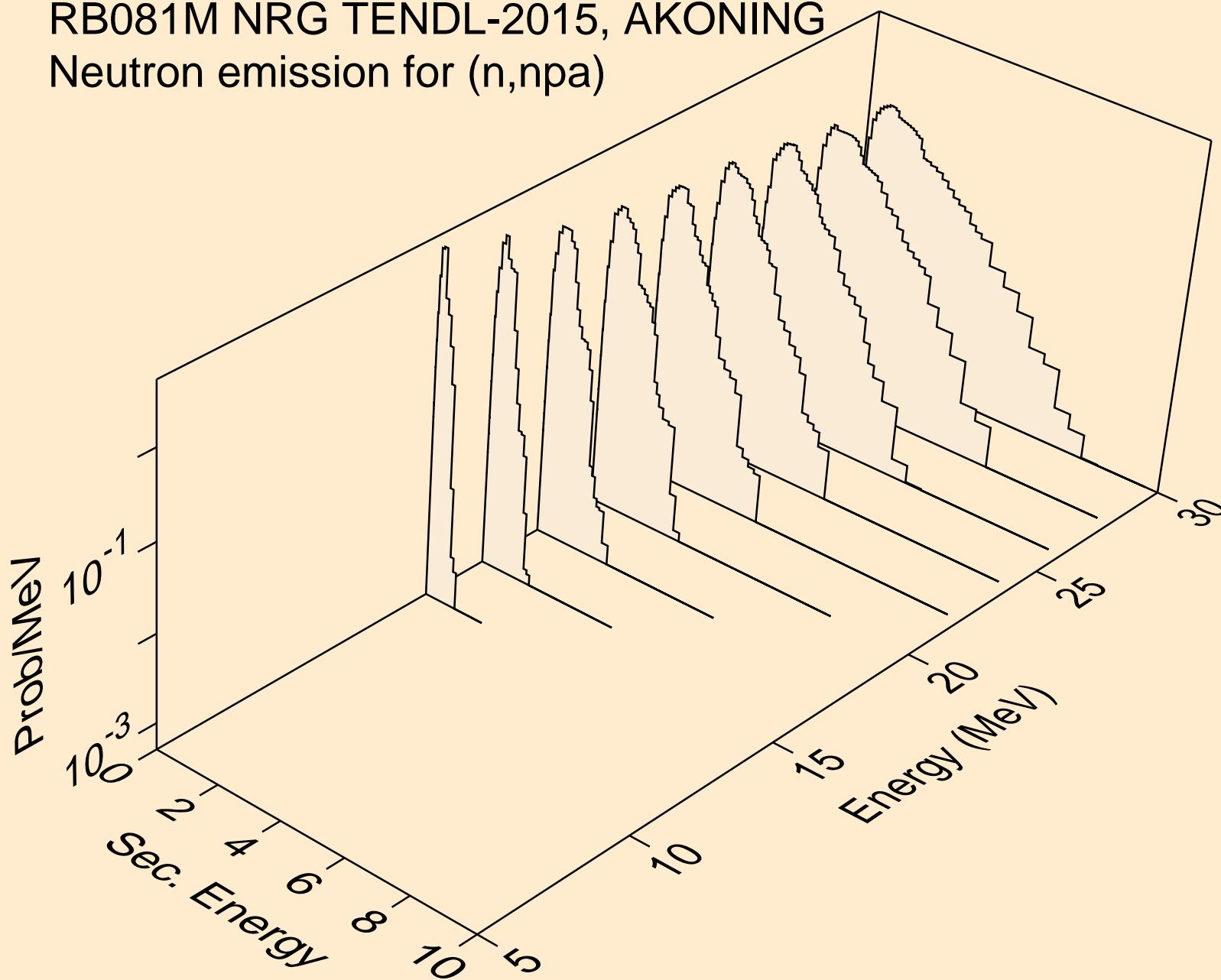
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Neutron emission for (n,3np)



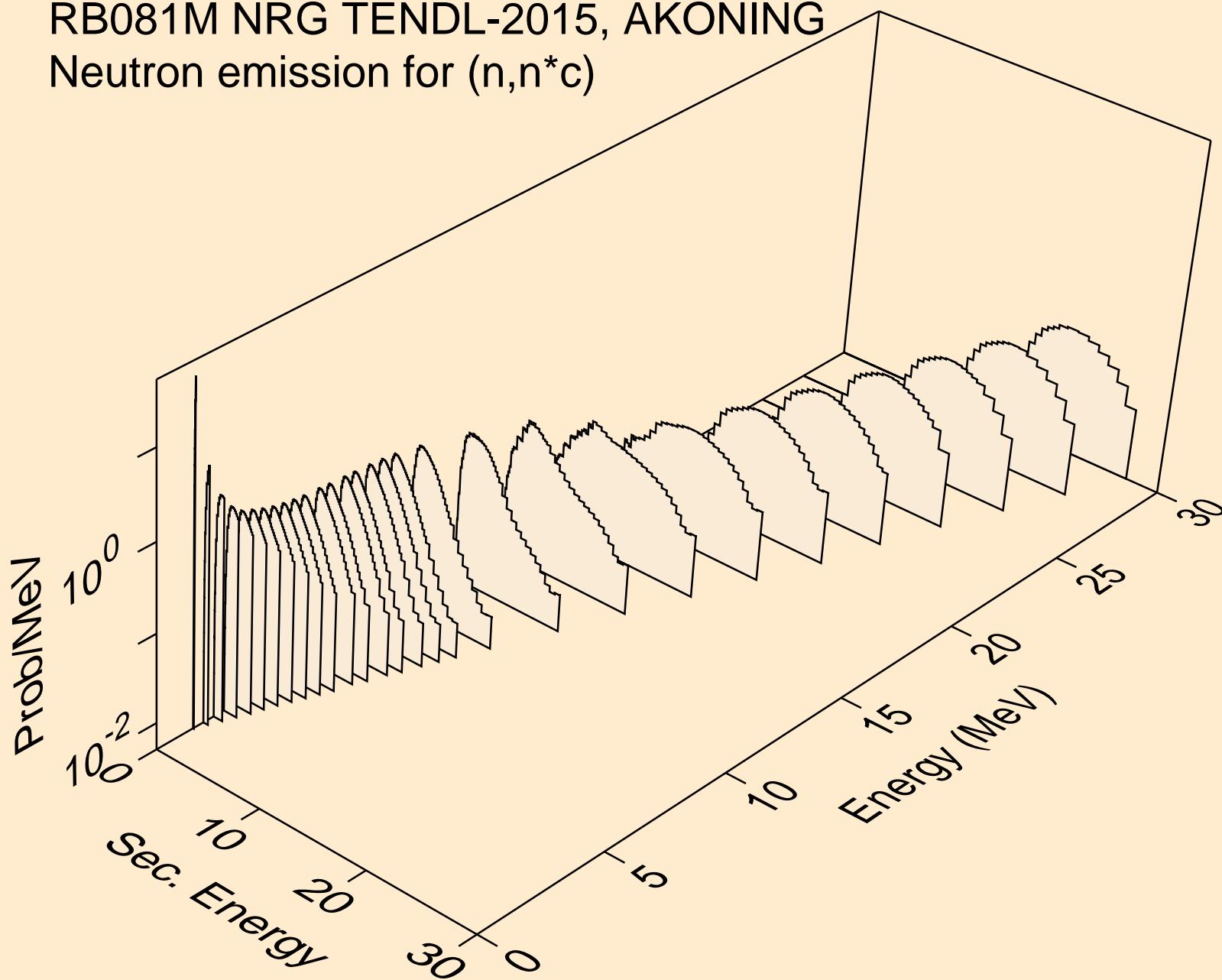
RB081M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



RB081M NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

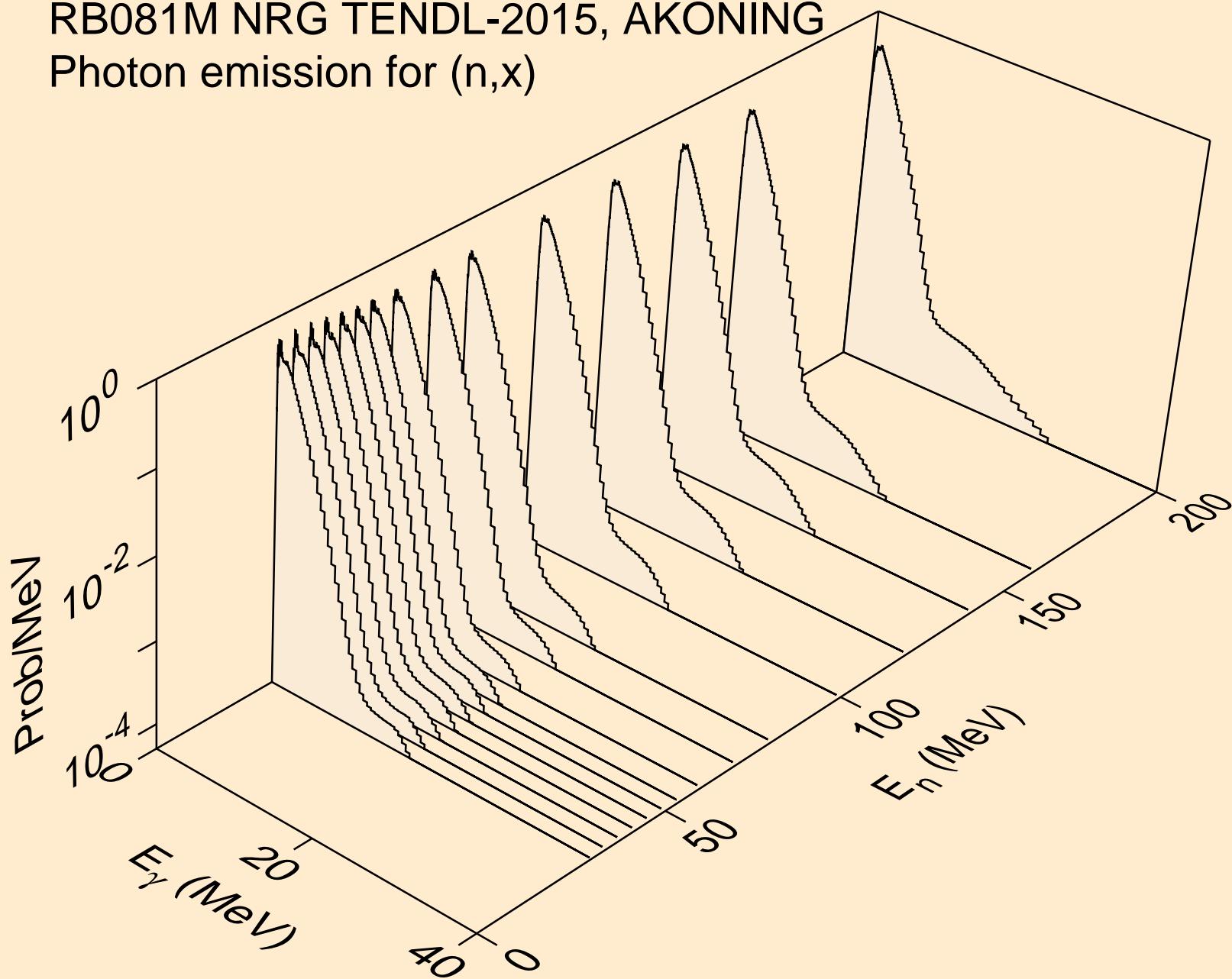


RB081M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

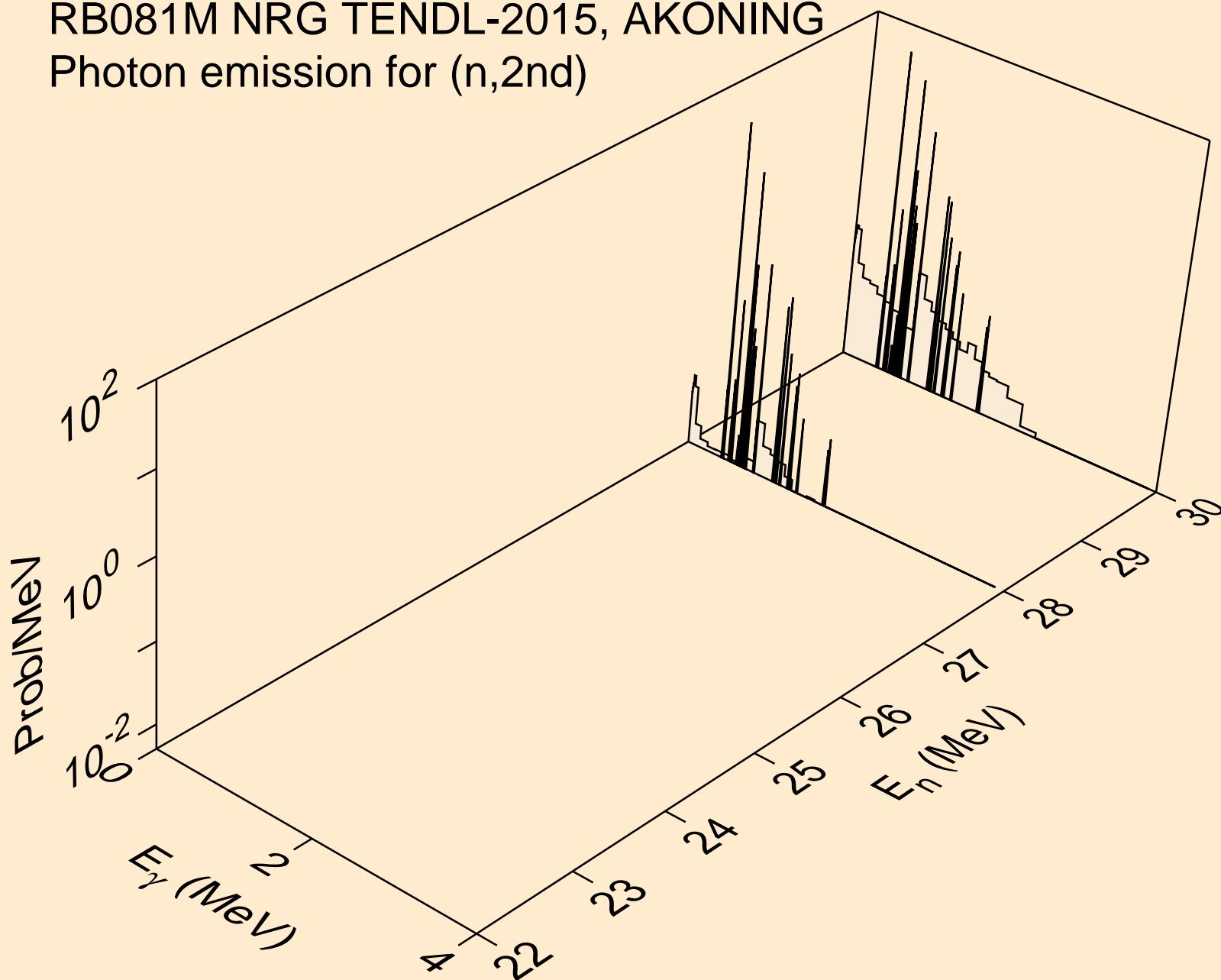


RB081M NRG TENDL-2015, AKONING

Photon emission for (n,x)

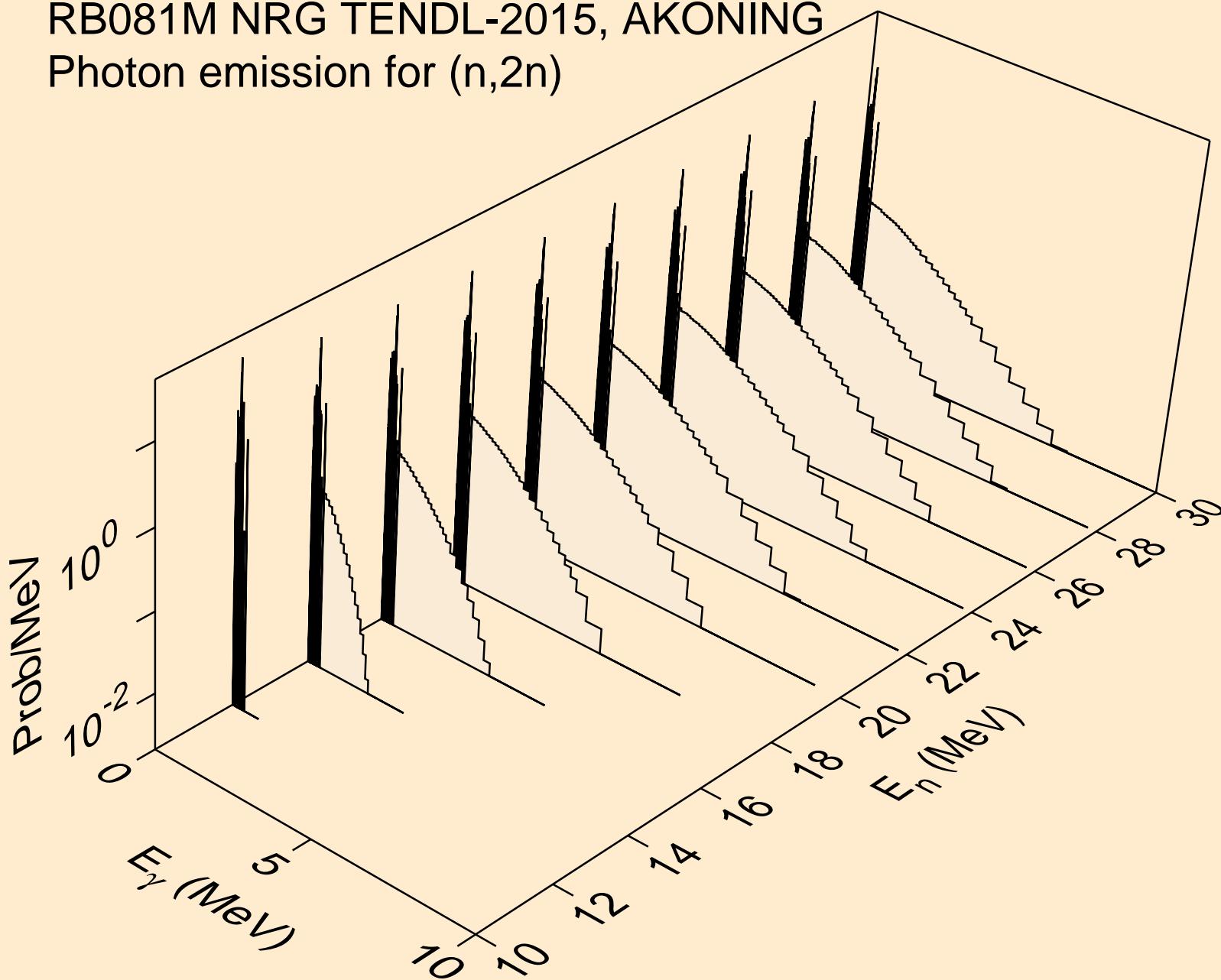


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Photon emission for (n,2nd)

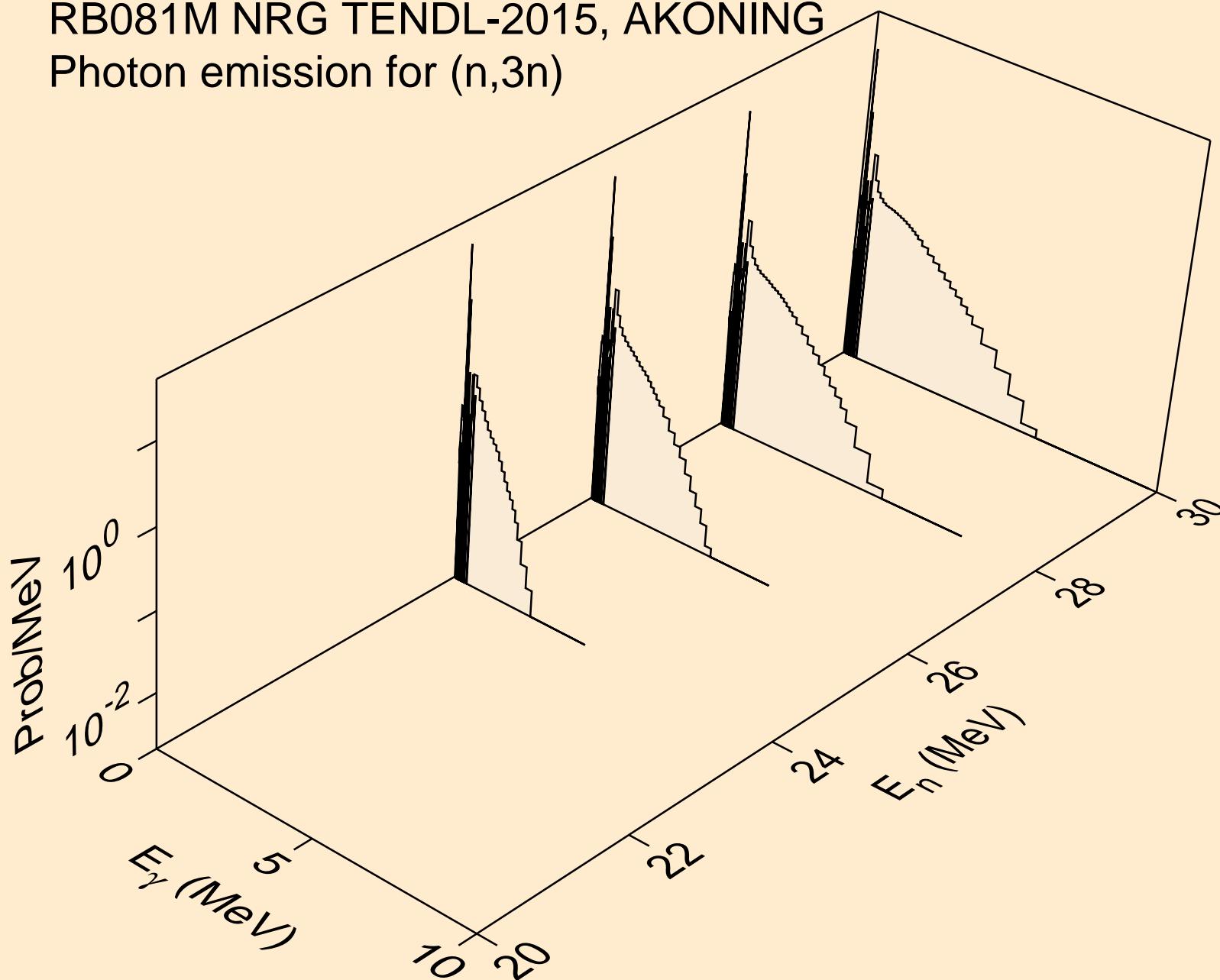


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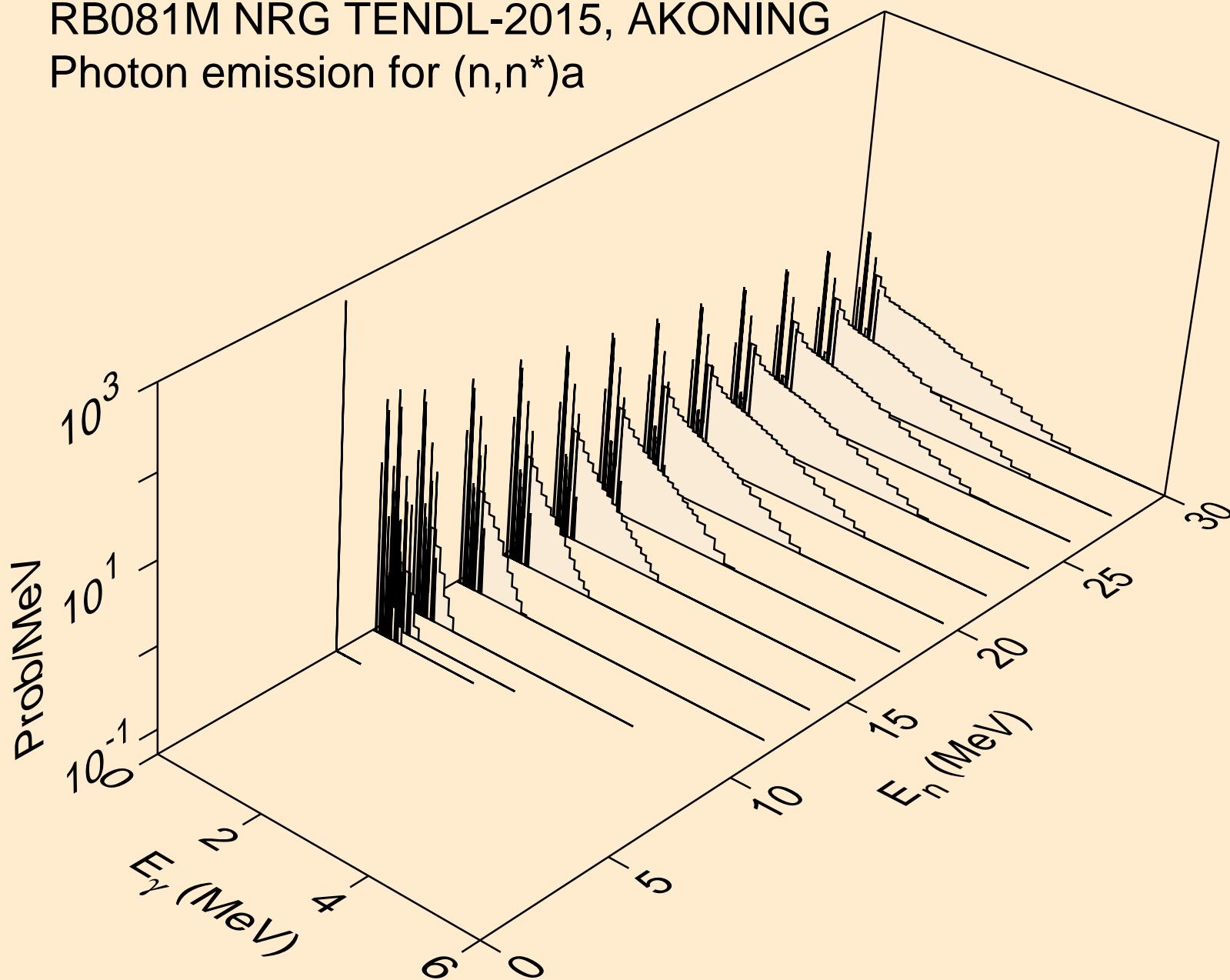
Photon emission for (n,2n)



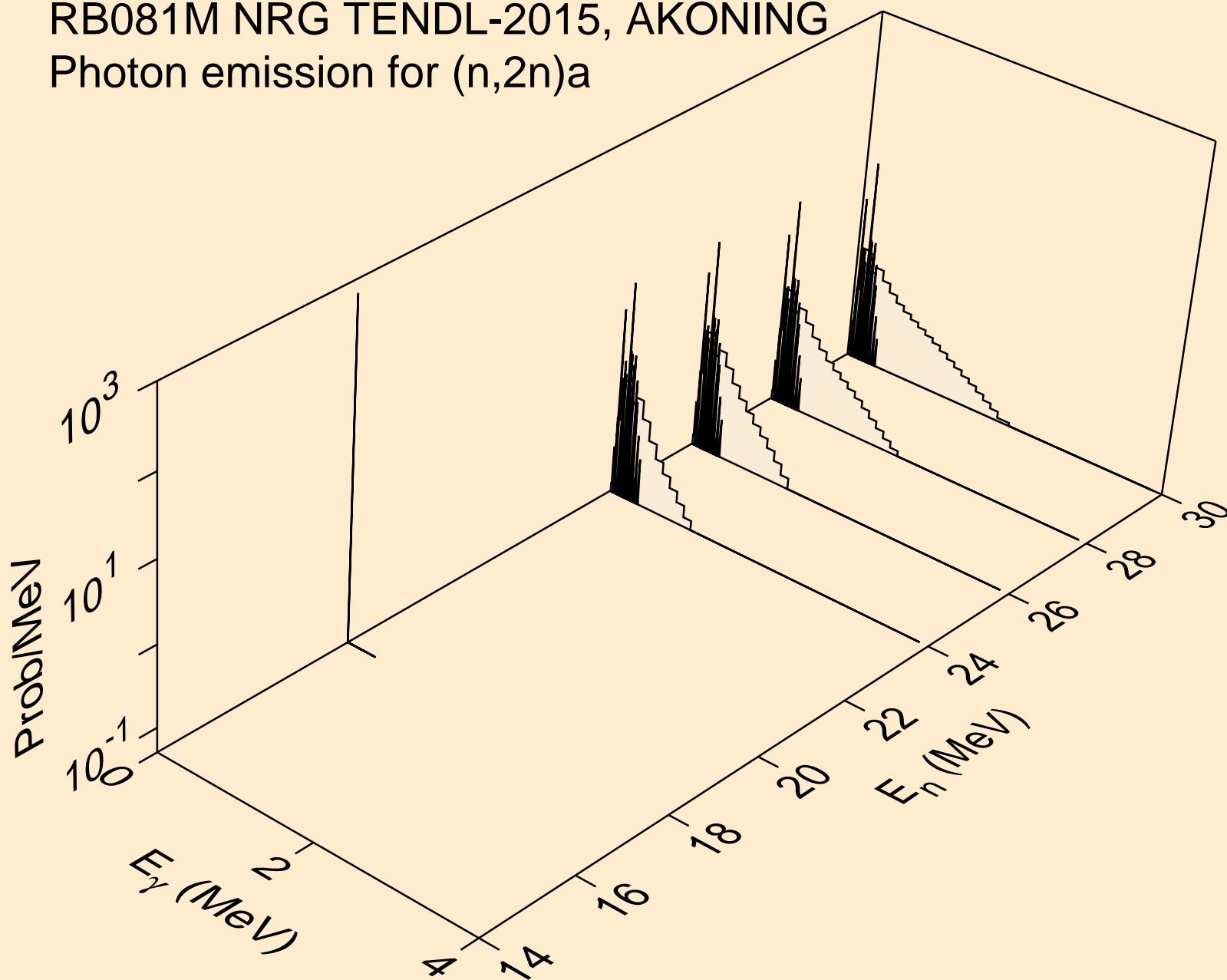
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Photon emission for (n,3n)



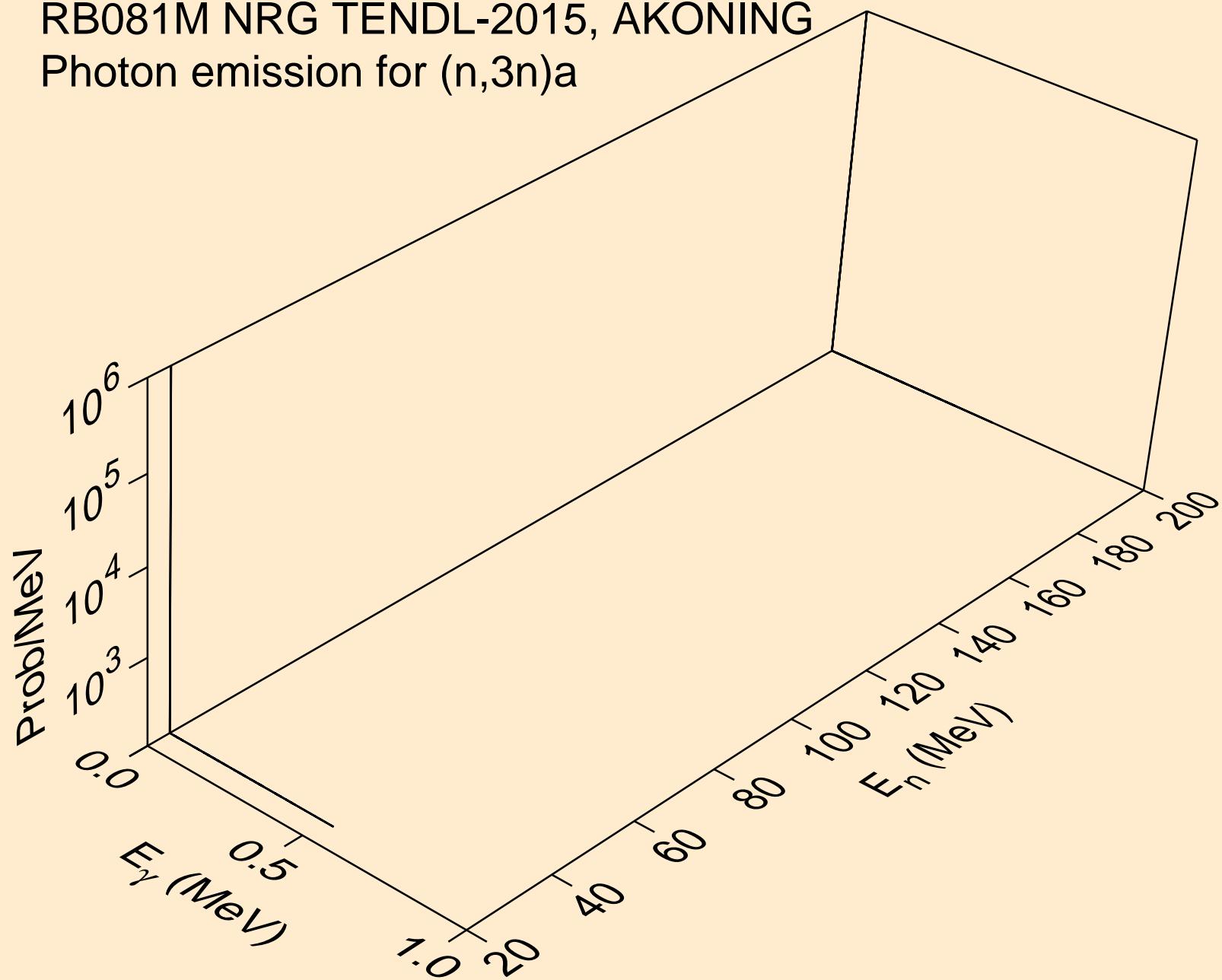
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Photon emission for  $(n,n^*)a$



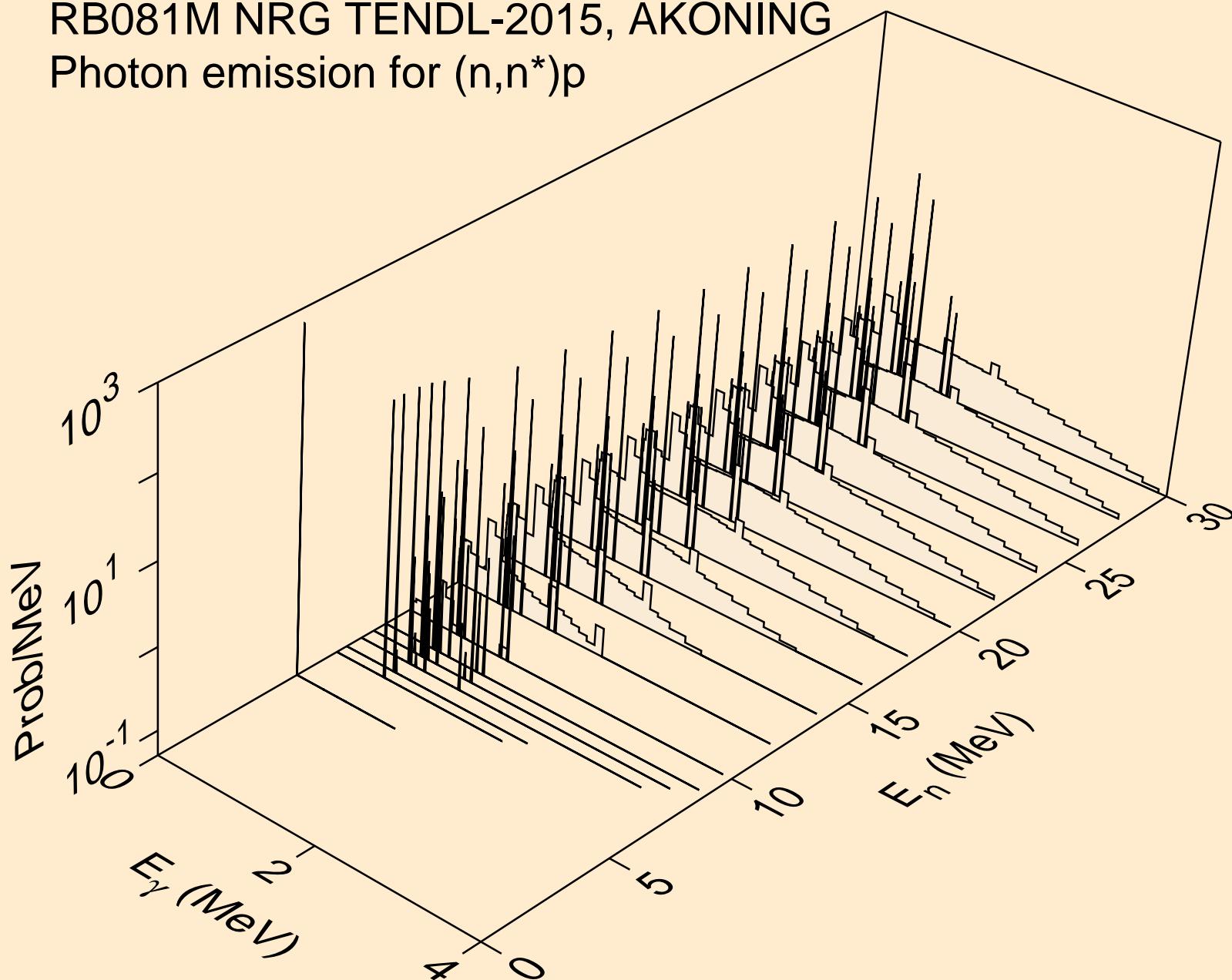
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Photon emission for (n,2n)a



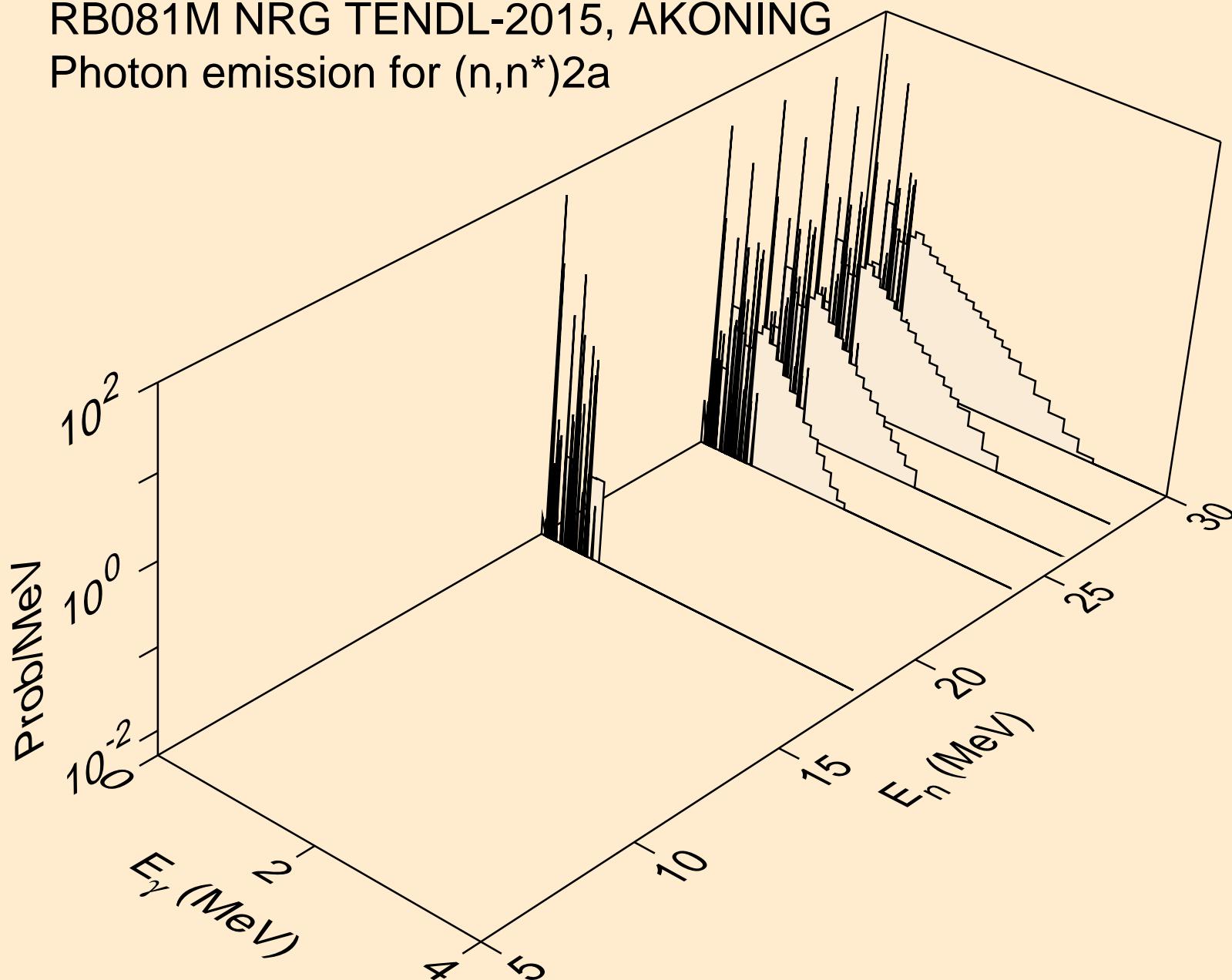
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Photon emission for (n,3n)a



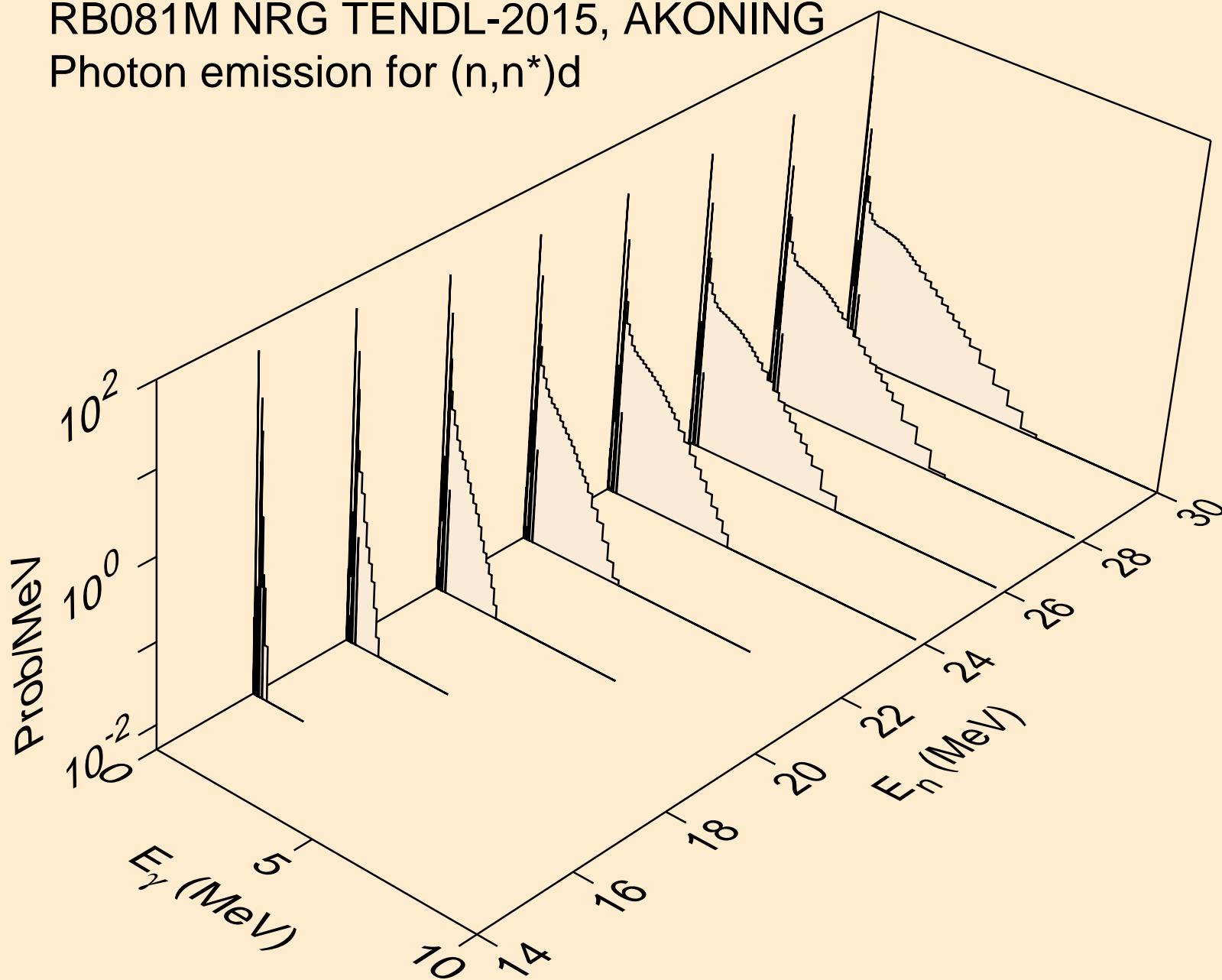
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Photon emission for  $(n,n^*)p$



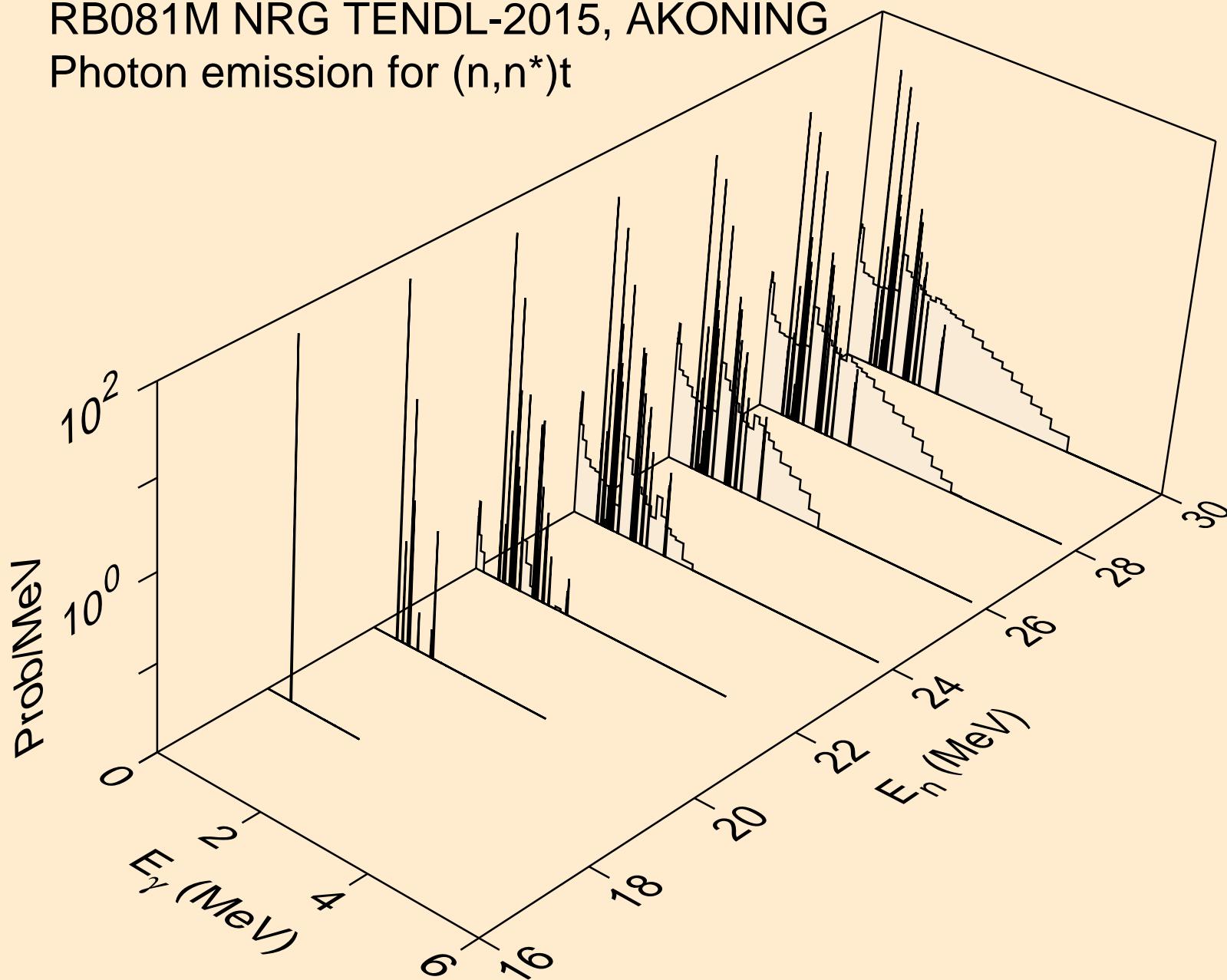
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Photon emission for  $(n,n^*)2a$



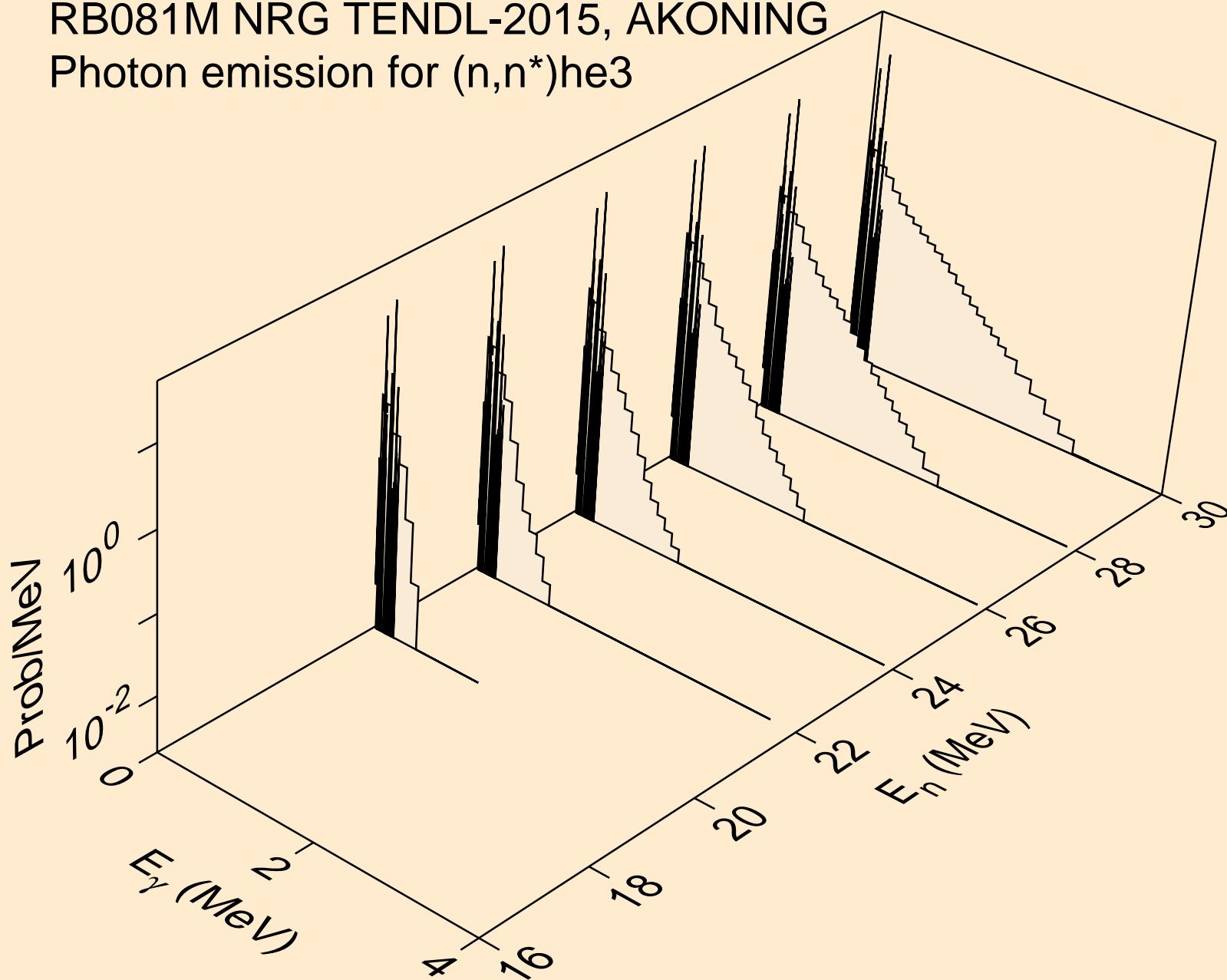
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Photon emission for  $(n,n^*)d$



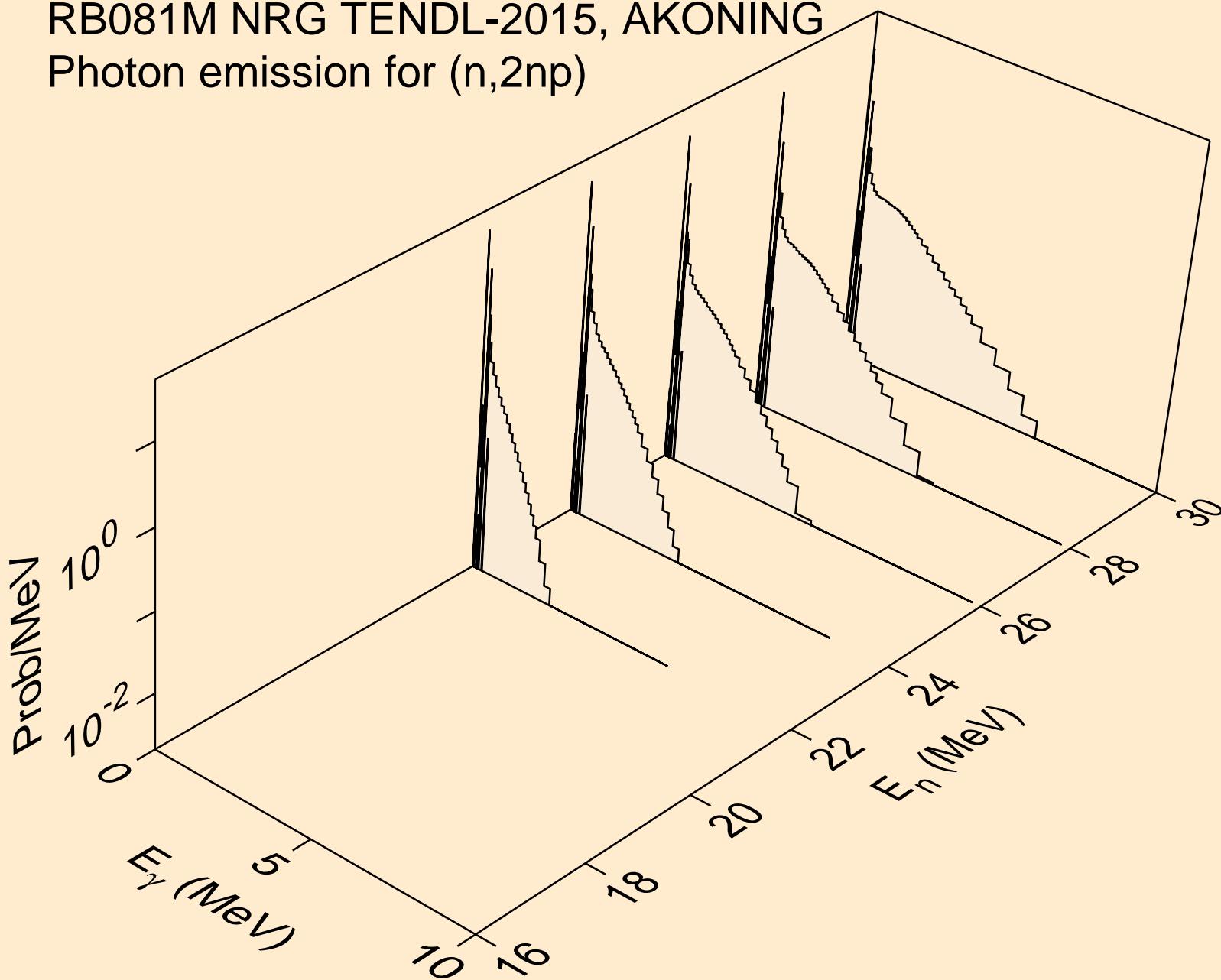
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Photon emission for  $(n,n^*)t$



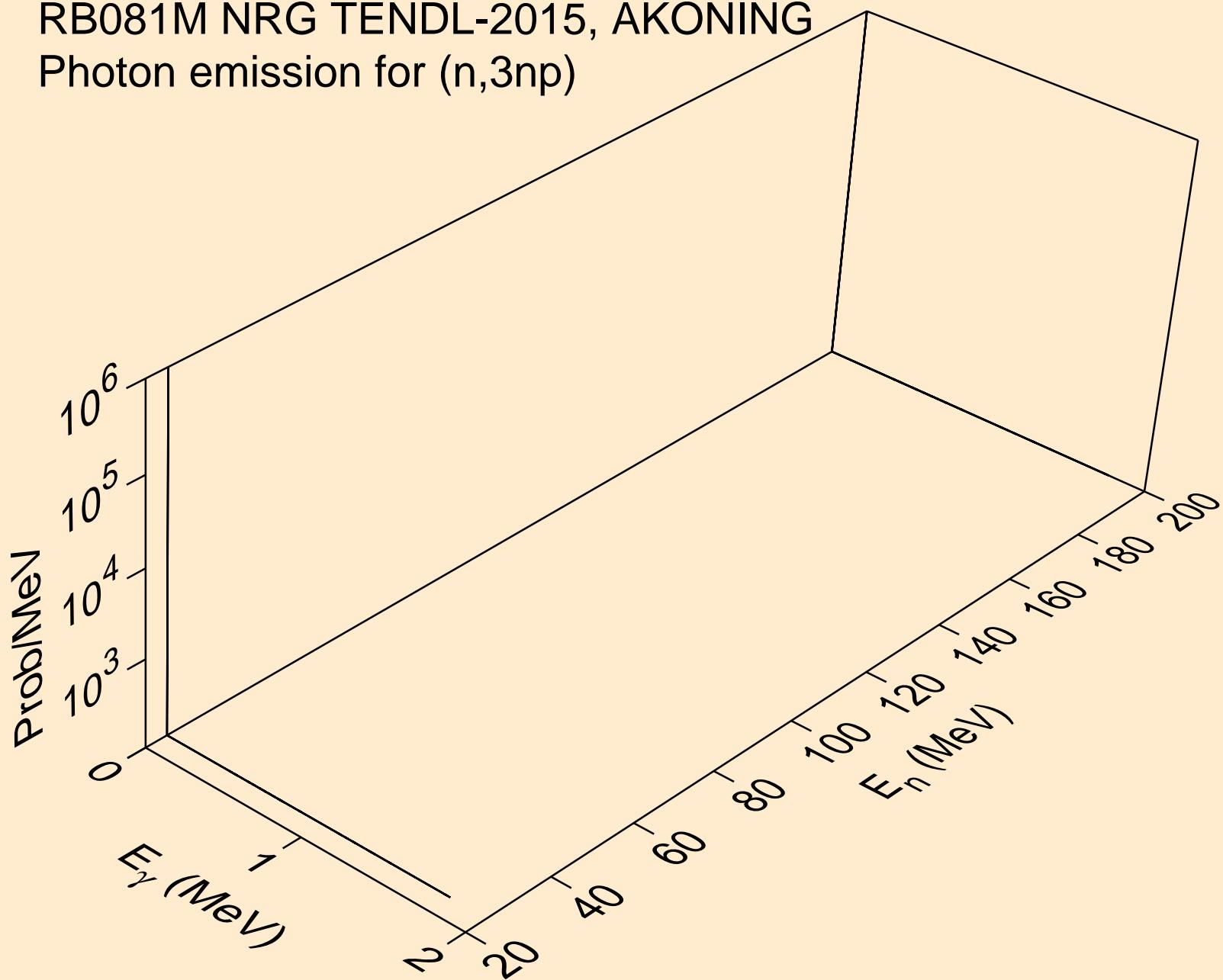
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Photon emission for  $(n,n^*)\text{he3}$



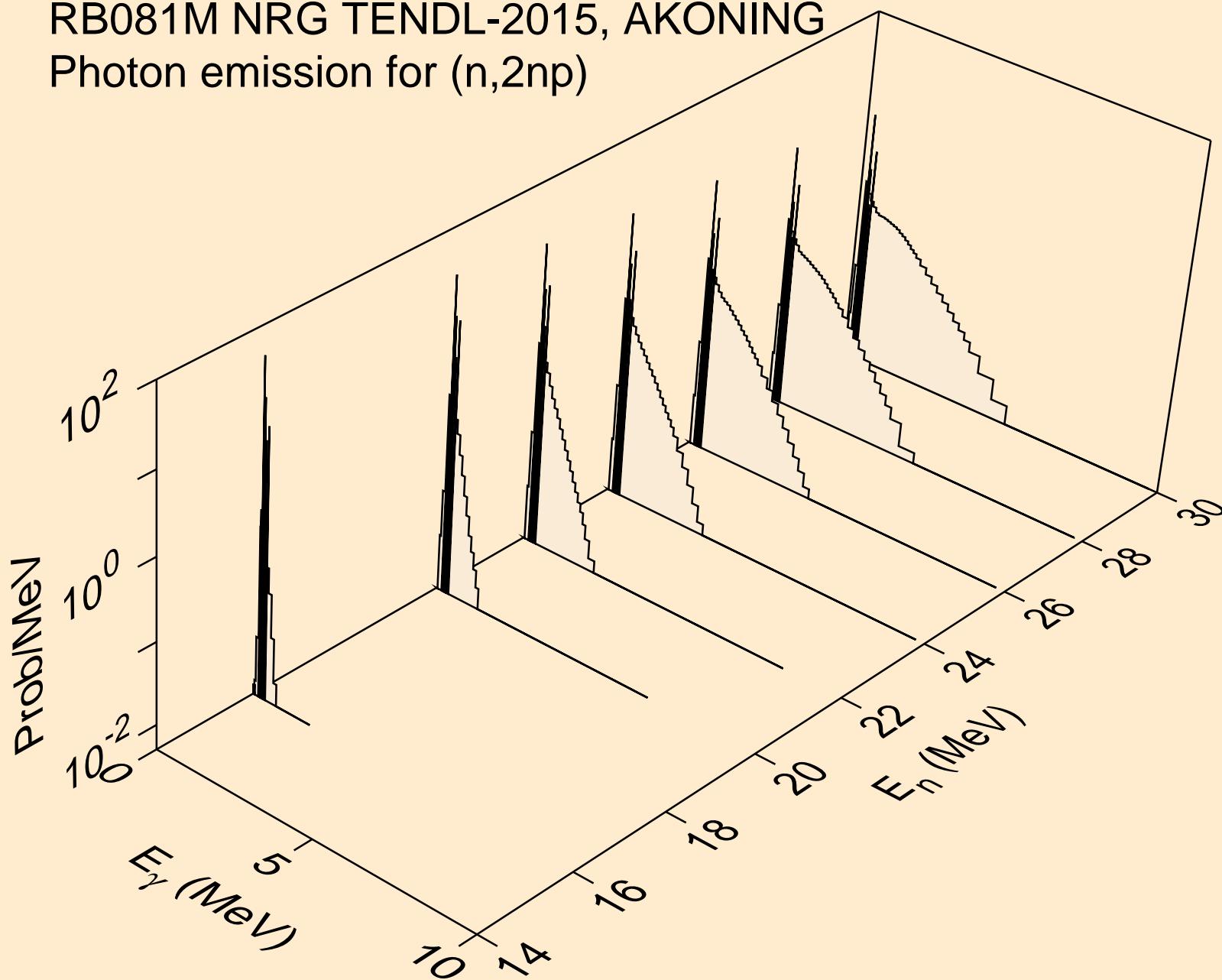
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Photon emission for (n,2np)



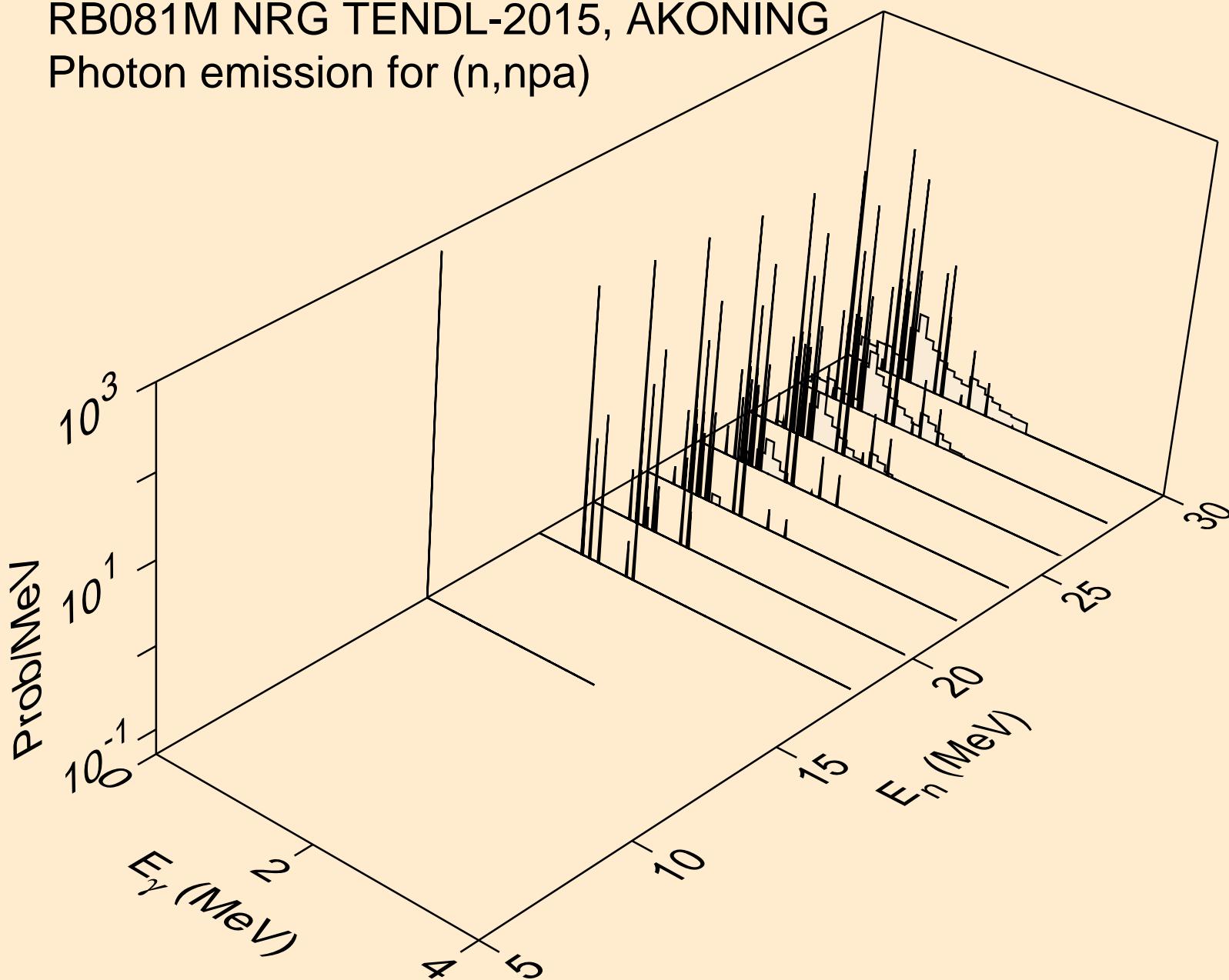
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Photon emission for (n,3np)



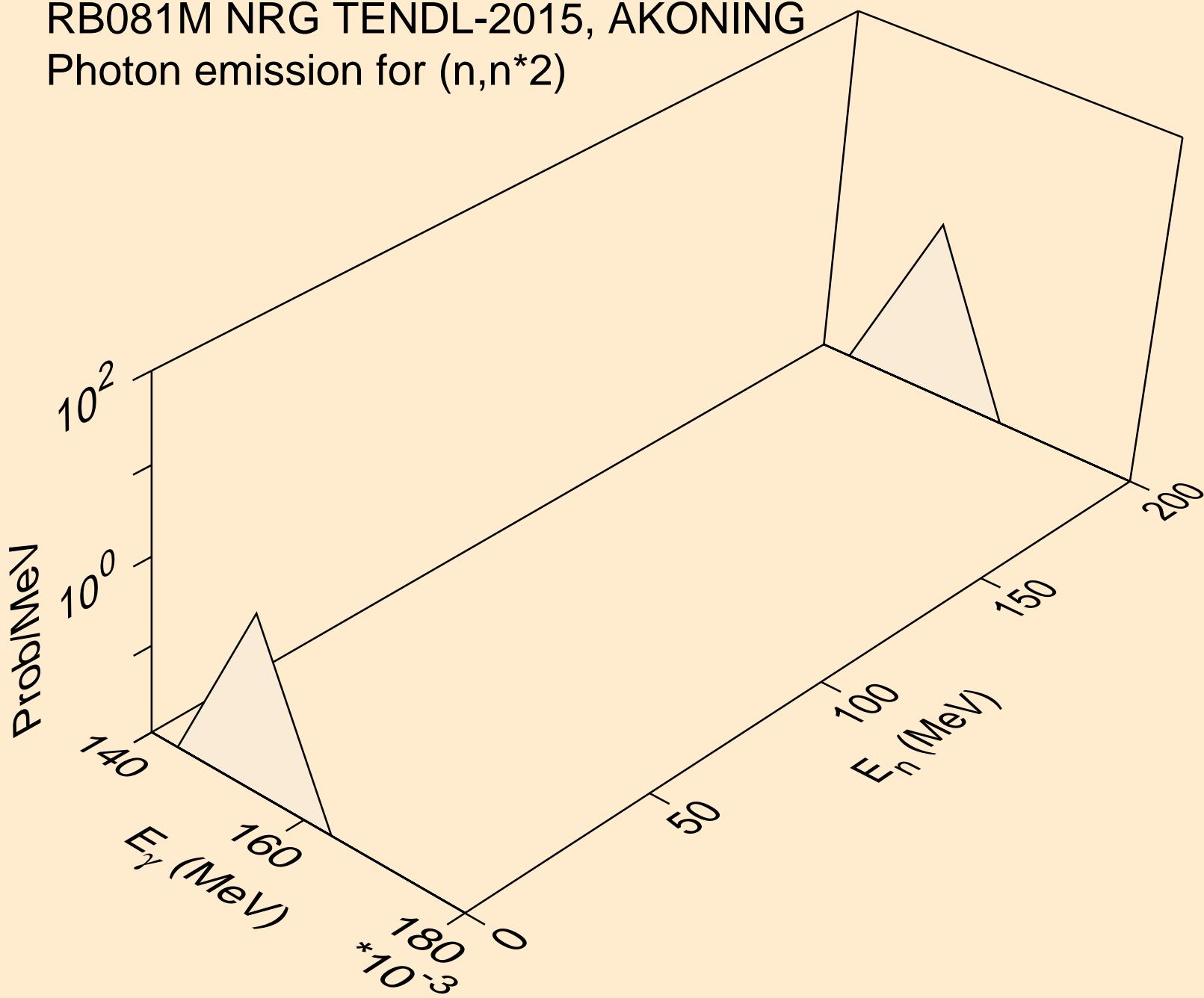
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Photon emission for (n,2np)



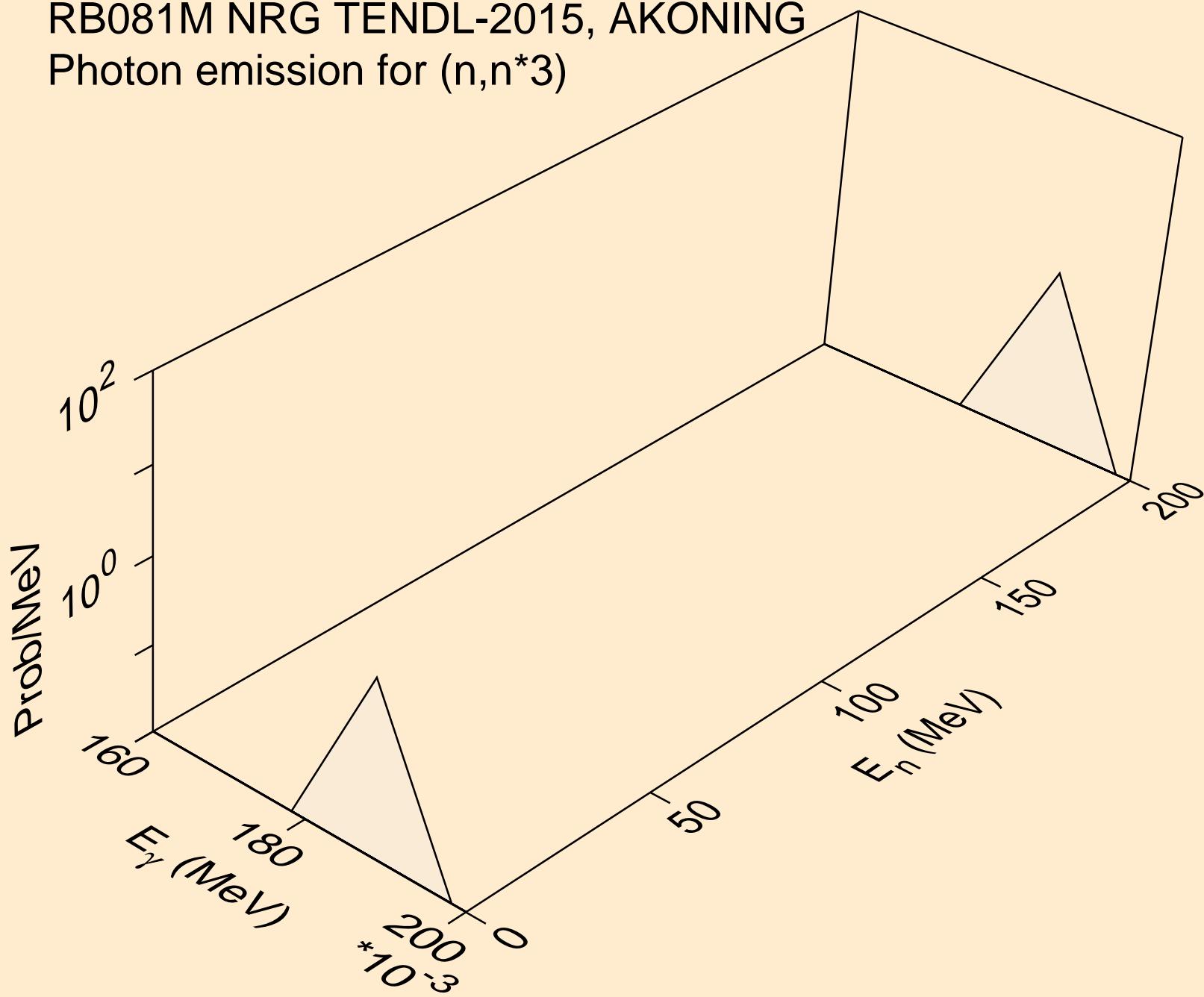
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Photon emission for (n,npa)



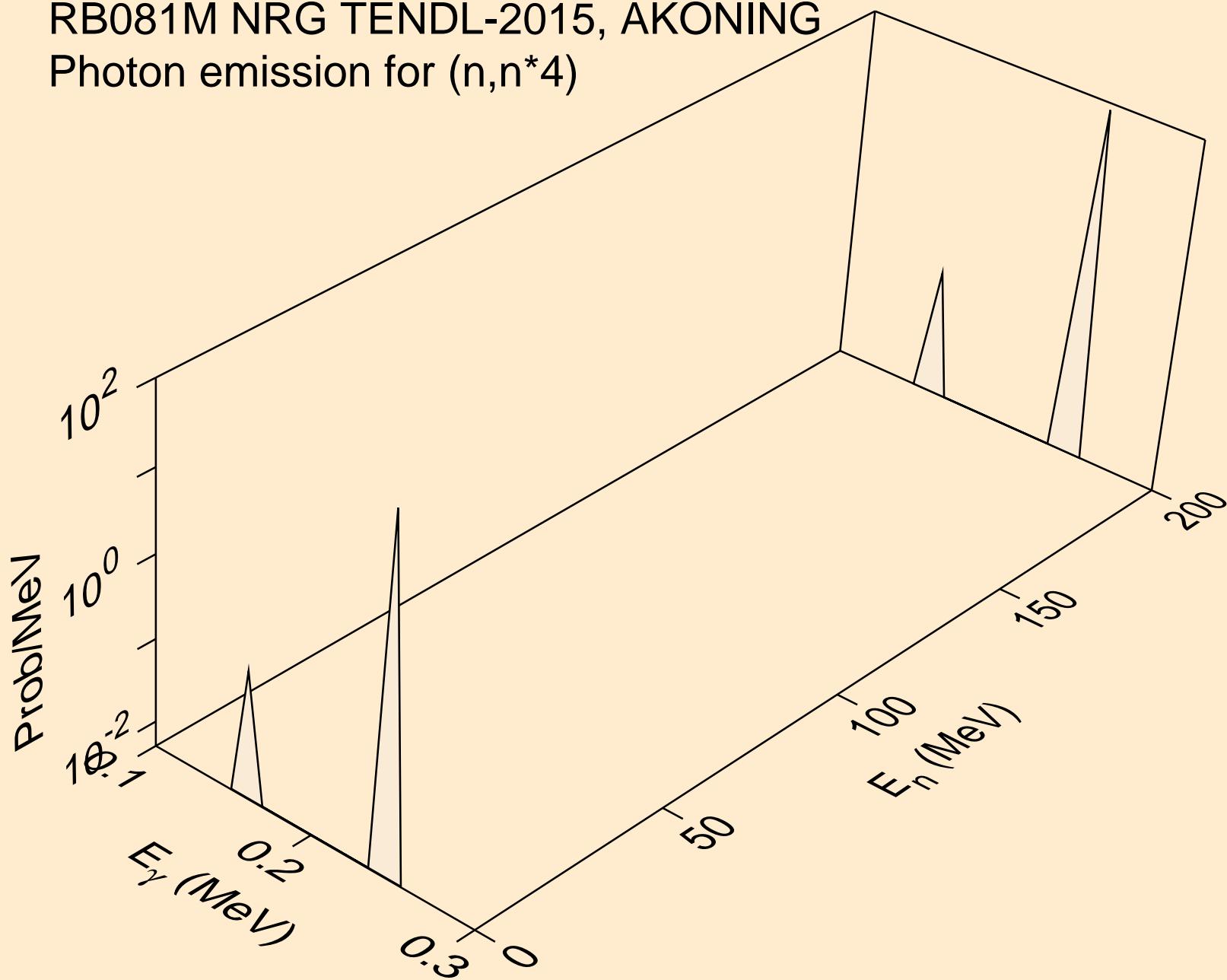
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Photon emission for (n,n\*2)



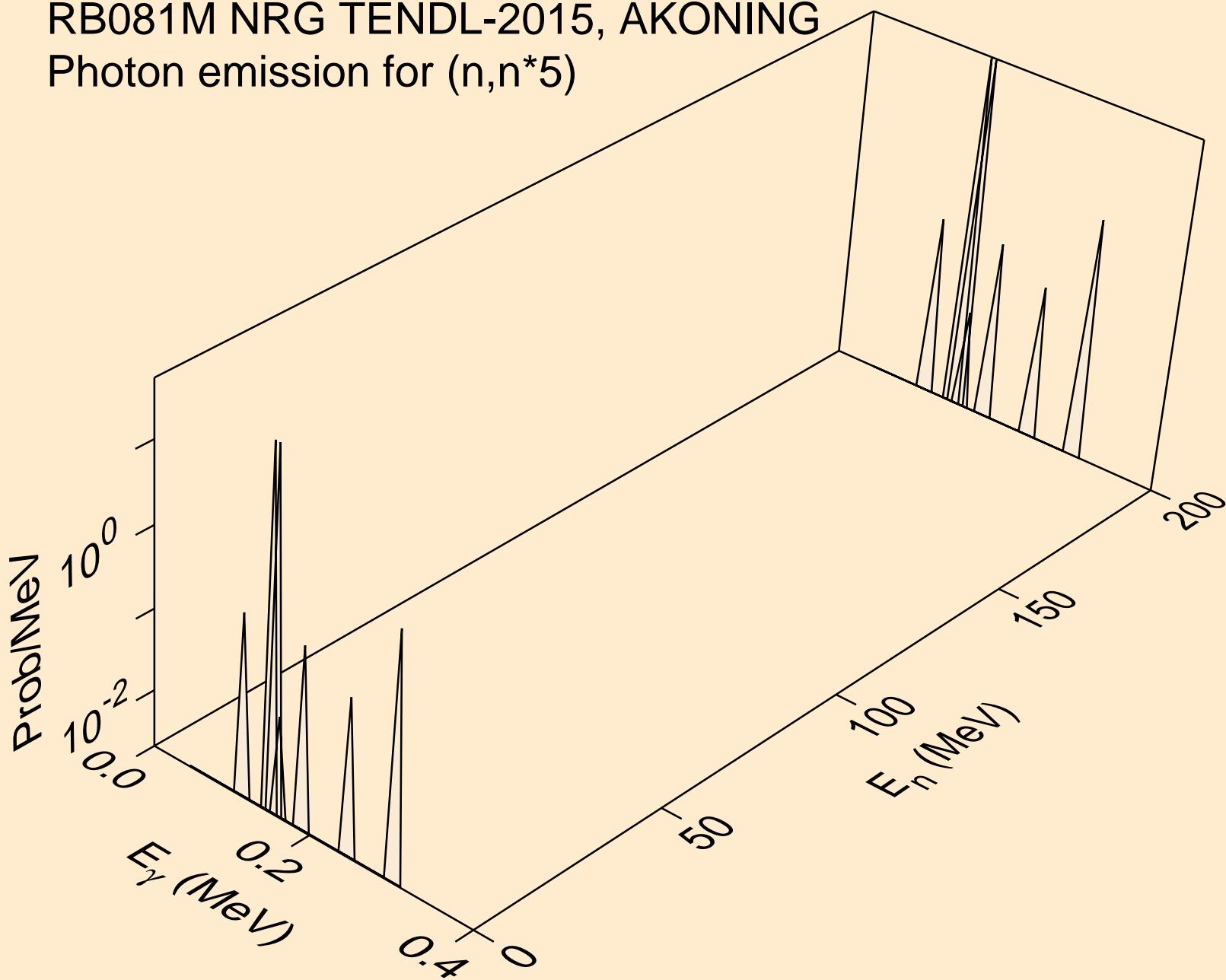
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Photon emission for (n,n\*3)



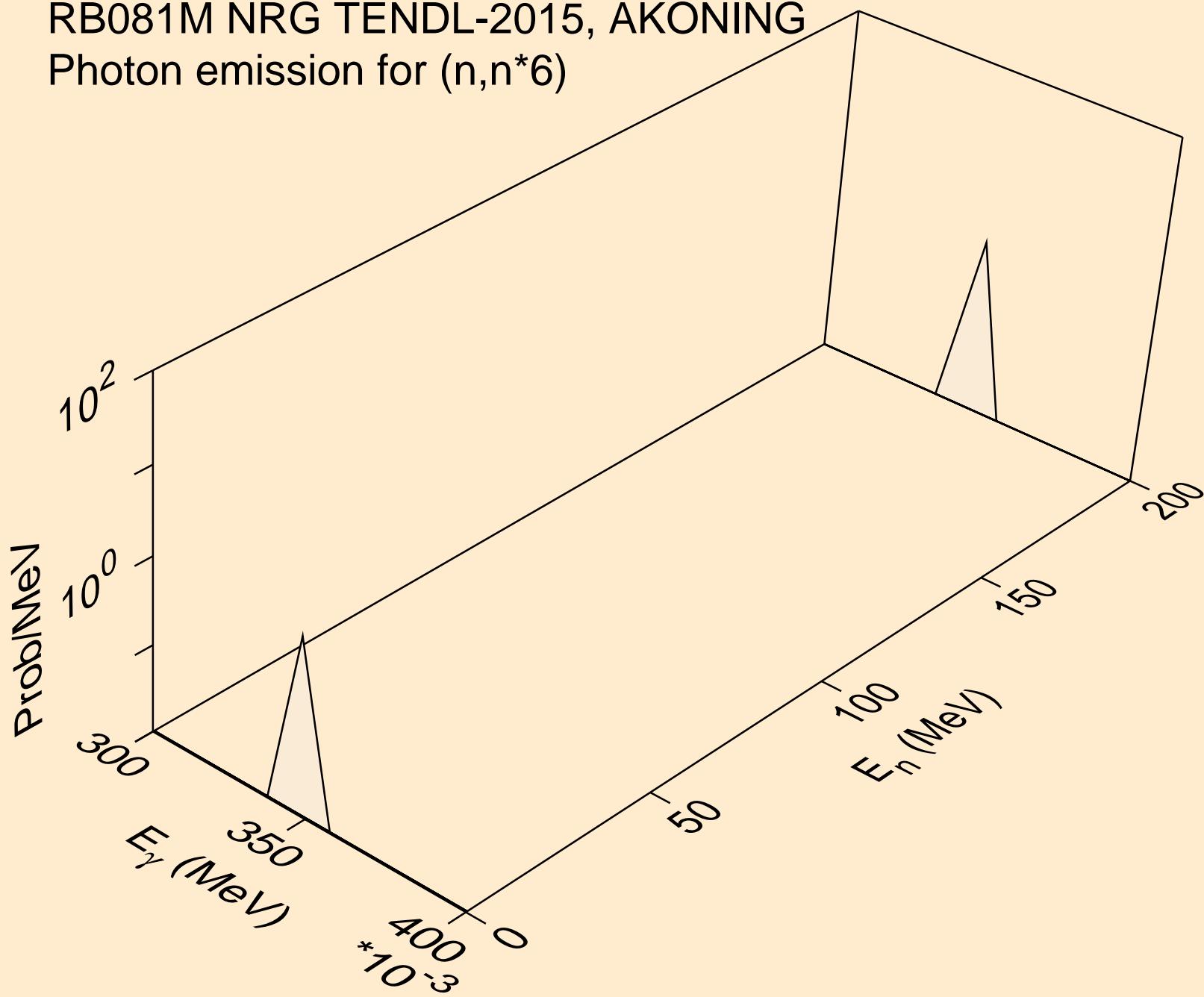
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Photon emission for (n,n\*4)



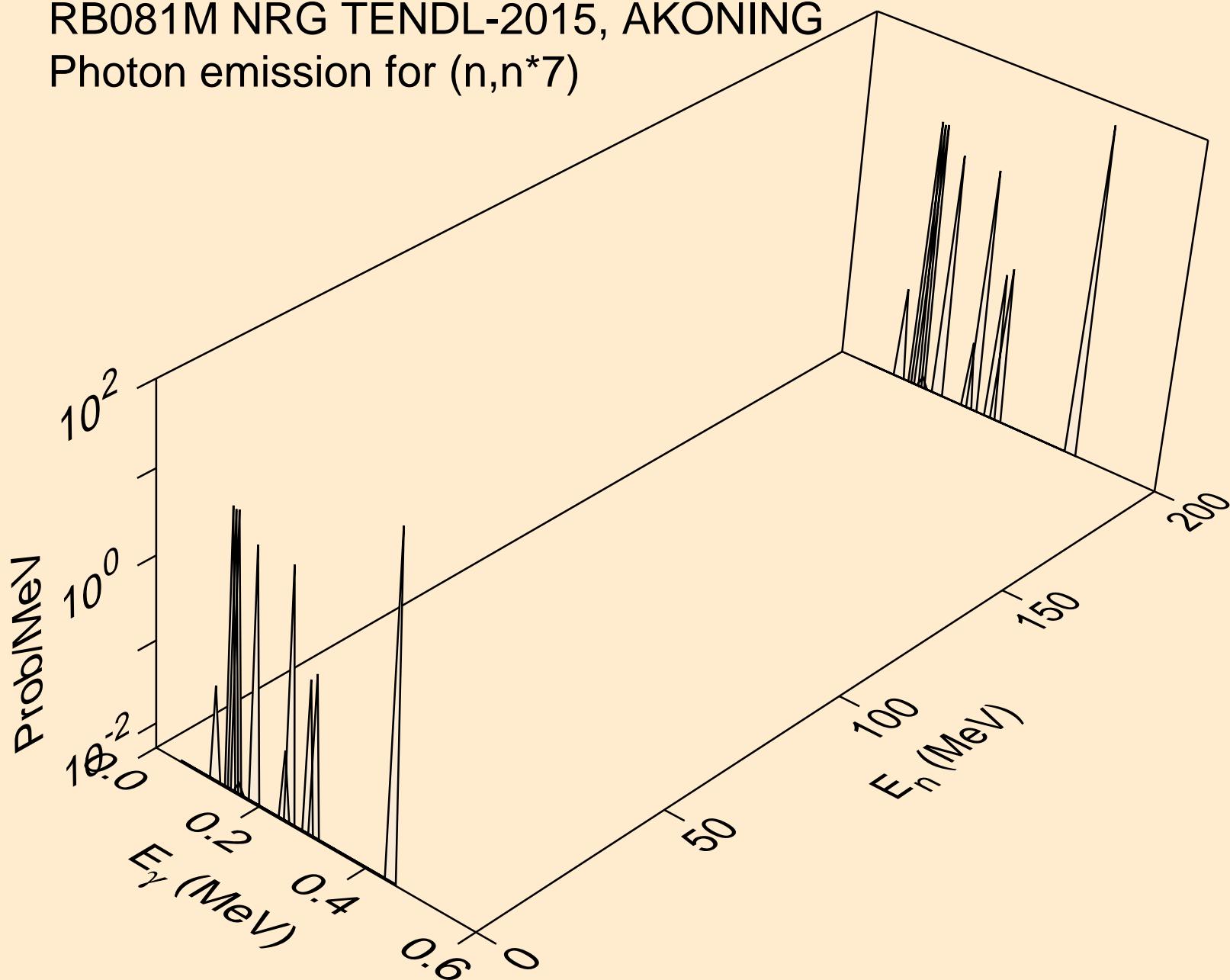
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Photon emission for (n,n\*5)



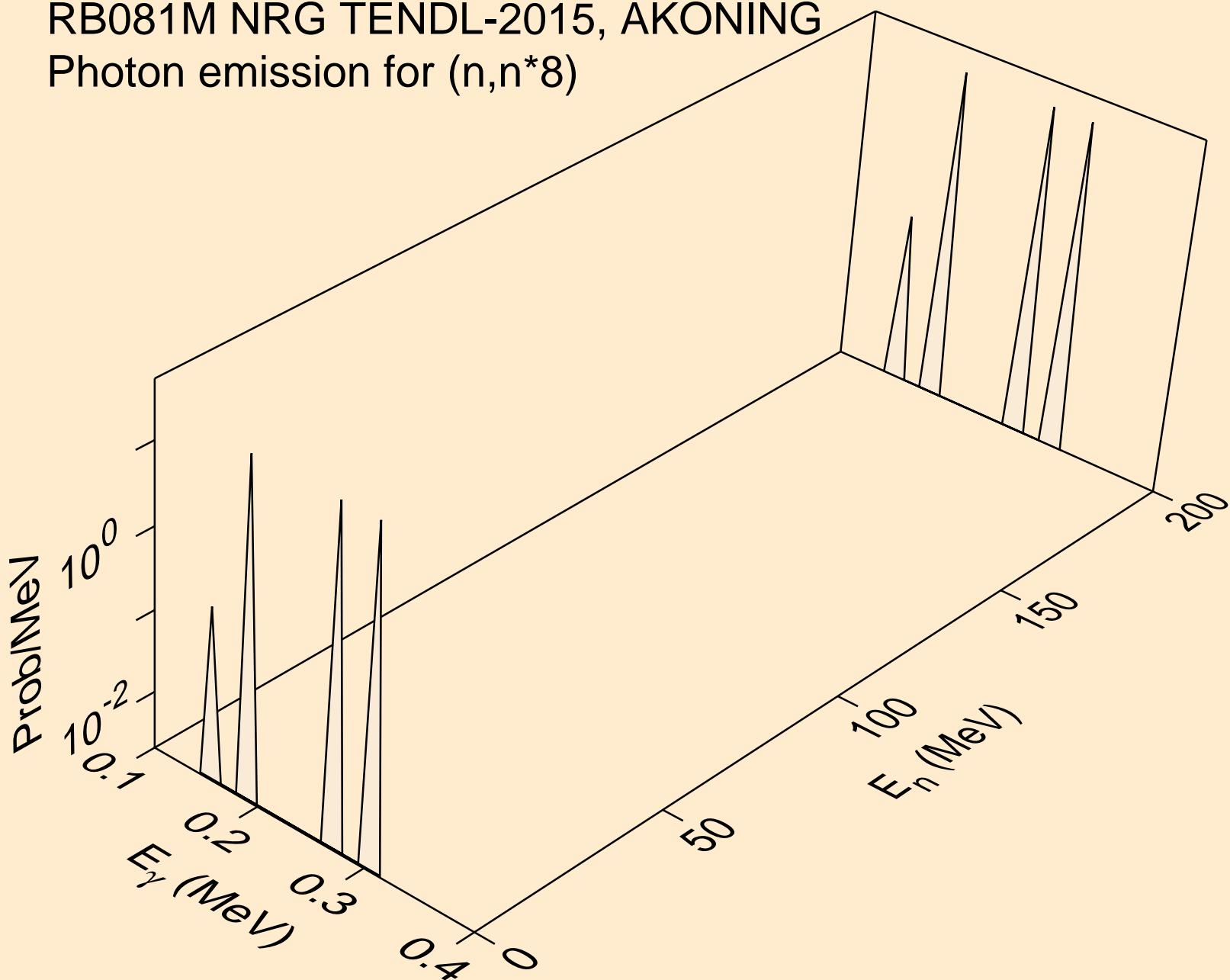
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Photon emission for (n,n\*6)



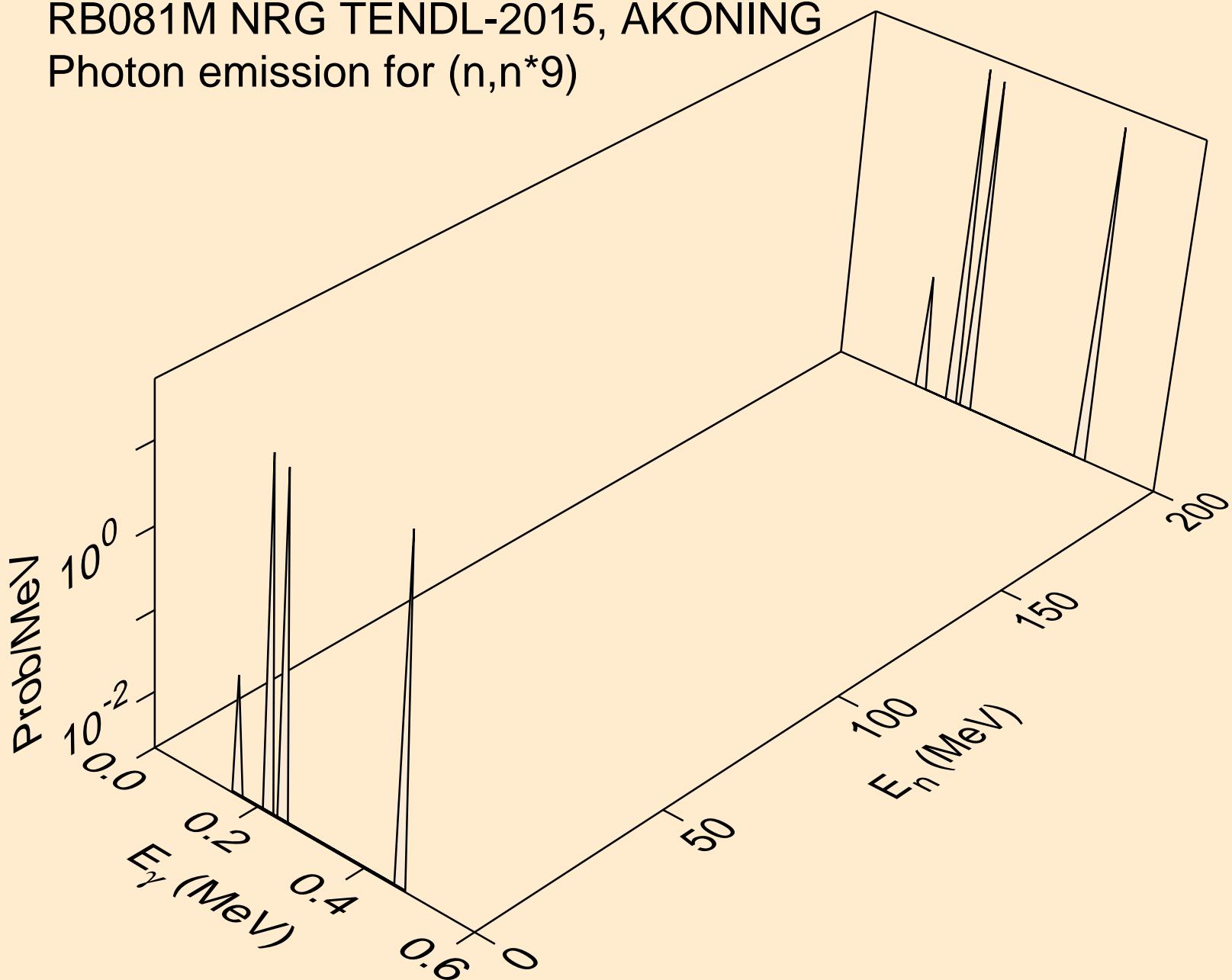
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Photon emission for (n,n\*7)



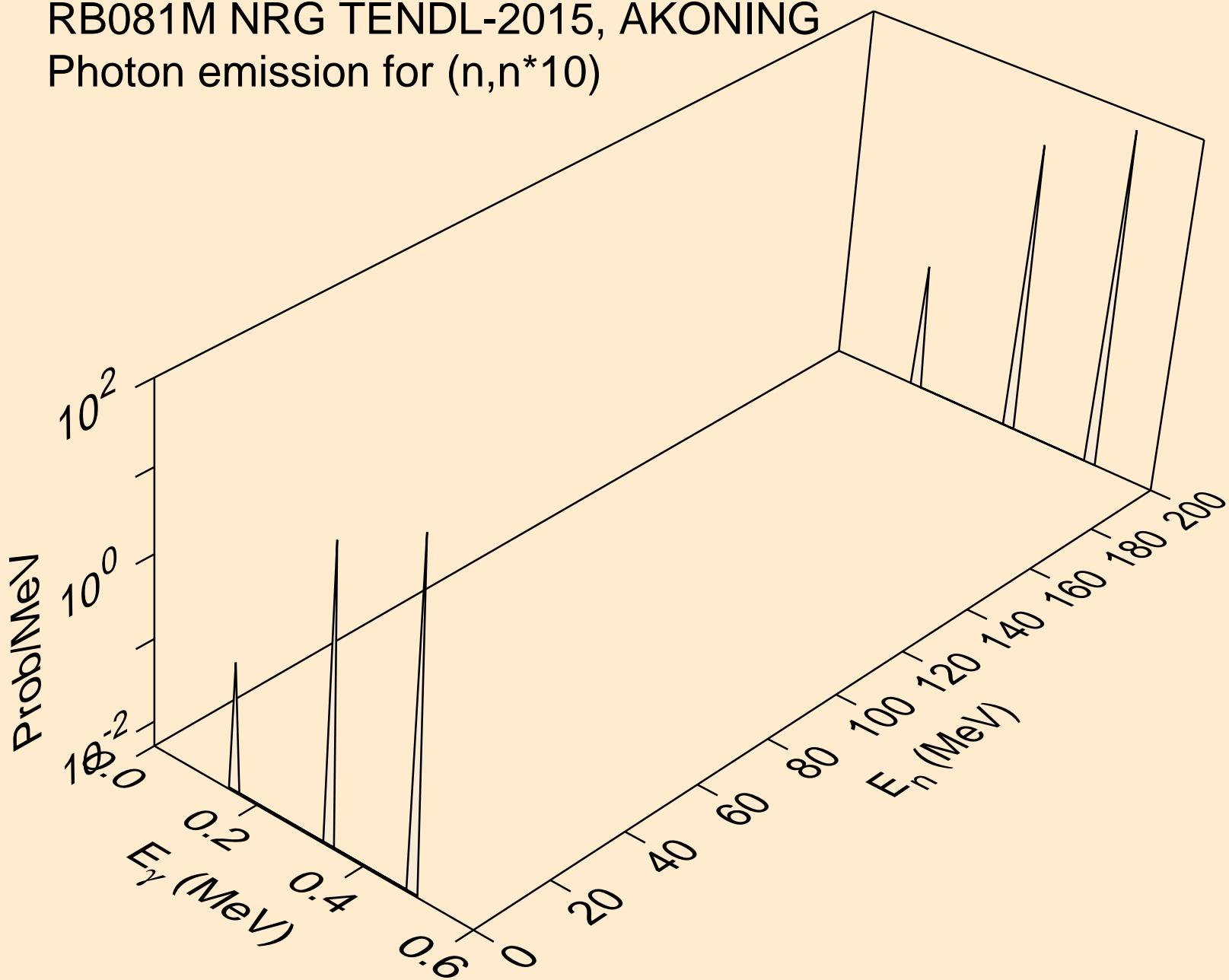
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Photon emission for (n,n\*8)



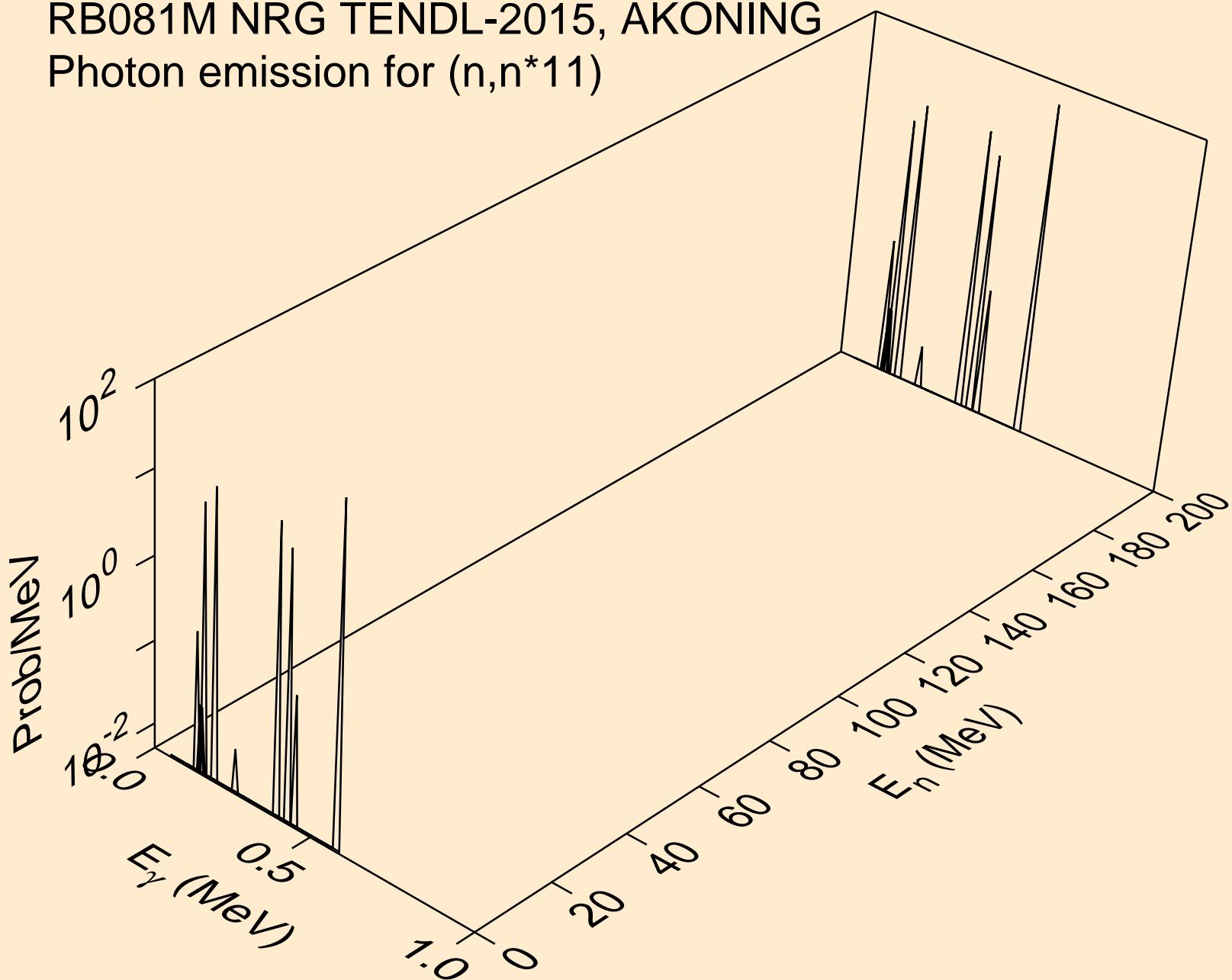
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Photon emission for (n,n\*9)



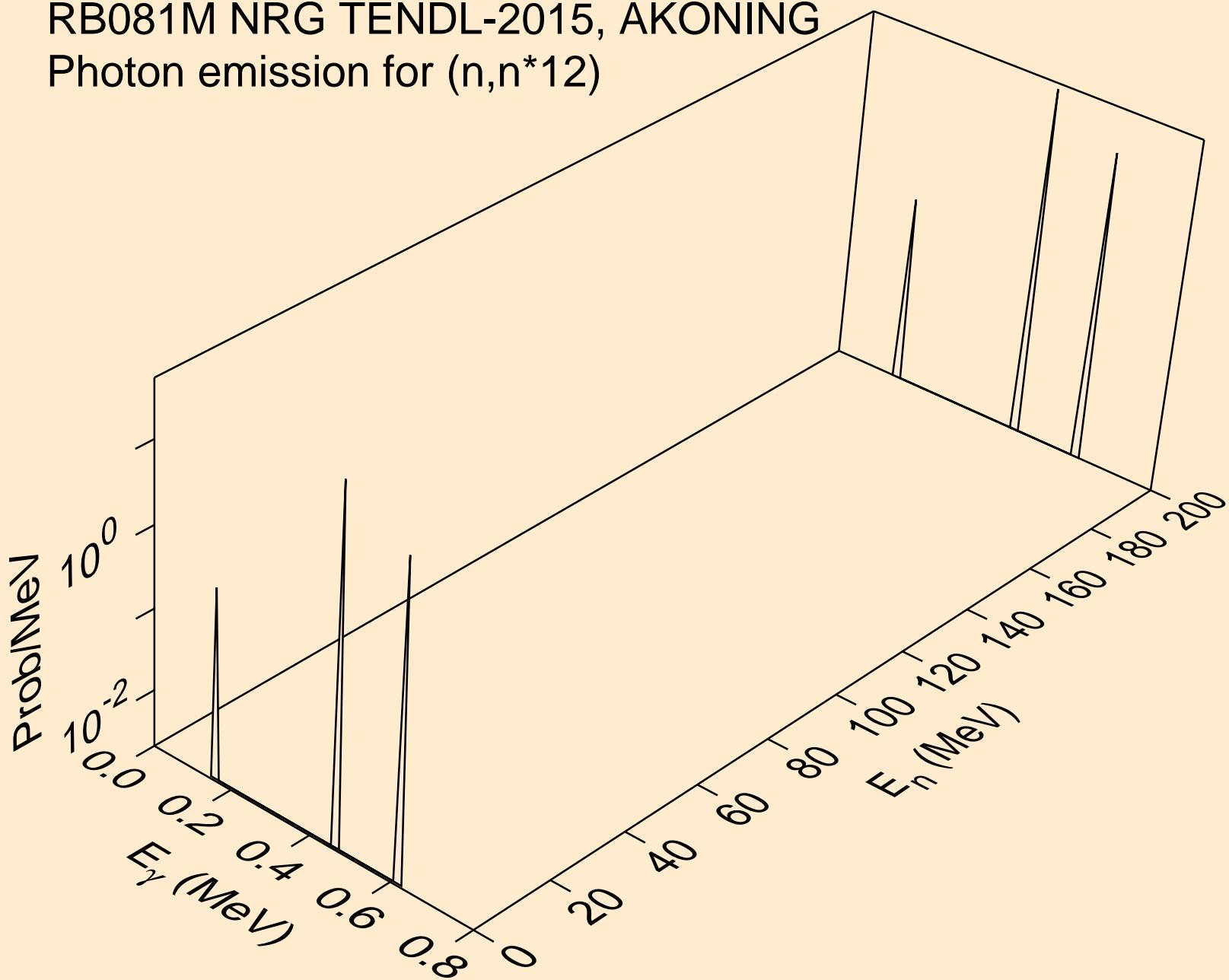
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Photon emission for (n,n\*10)



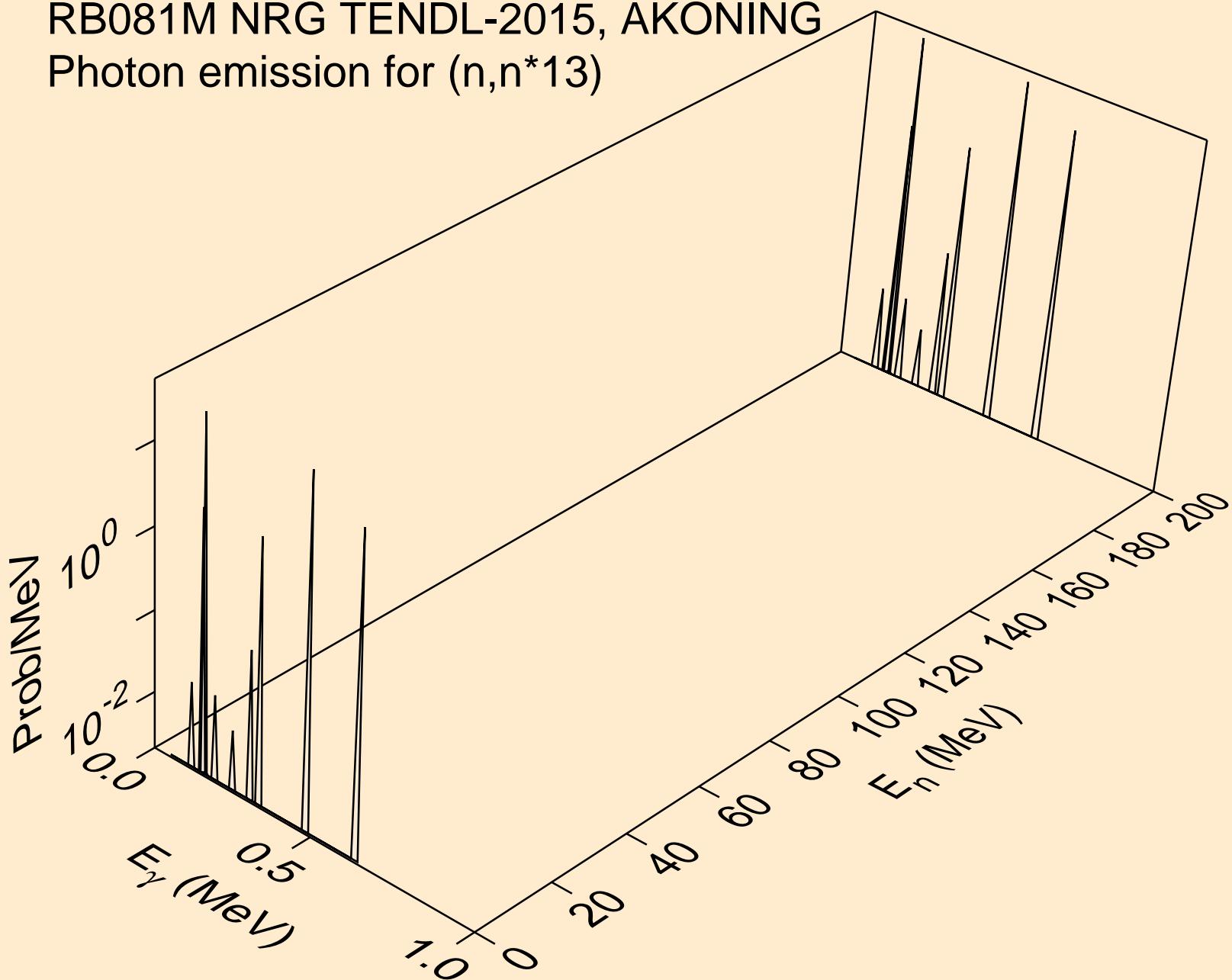
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Photon emission for (n,n\*11)



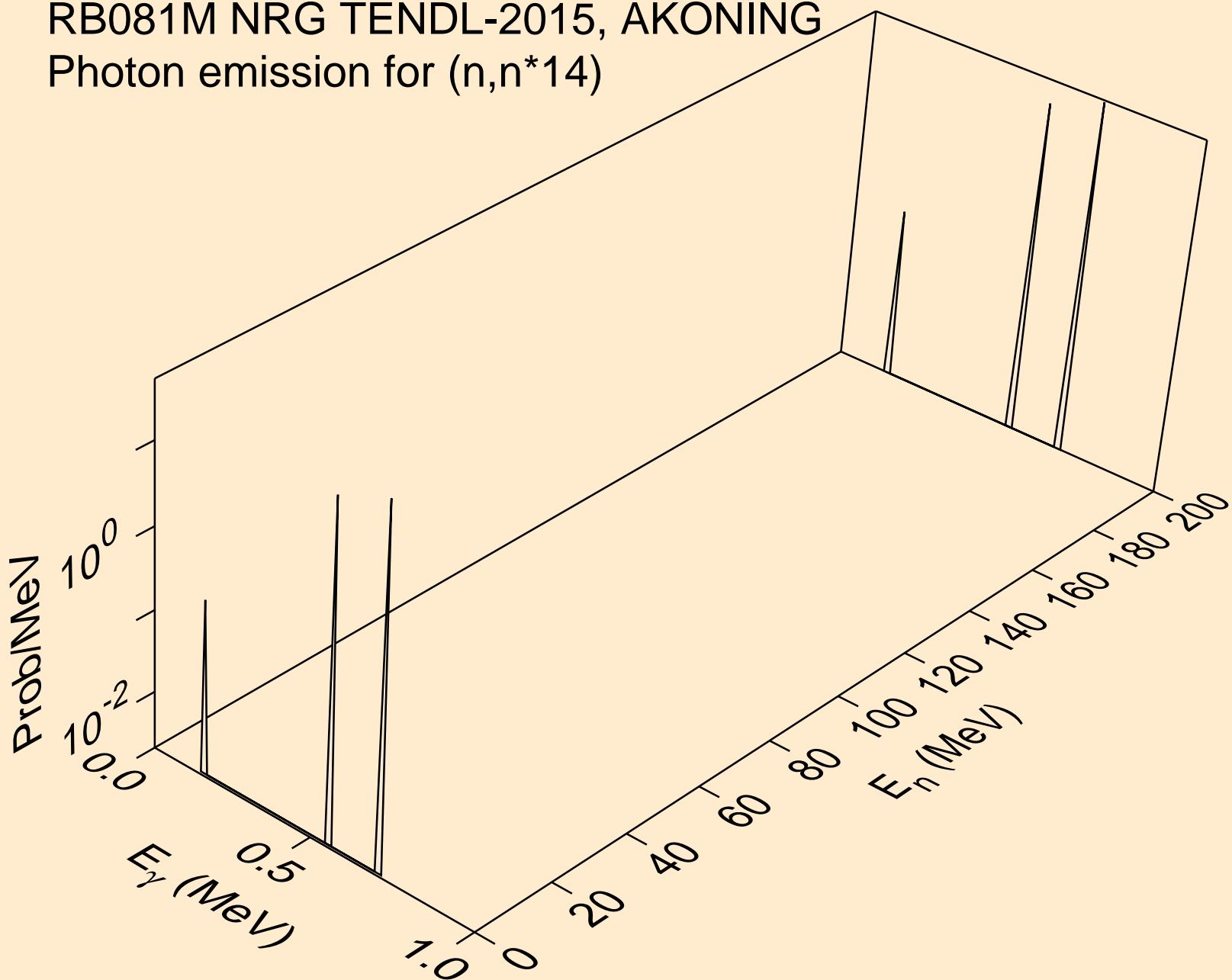
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Photon emission for (n,n\*12)



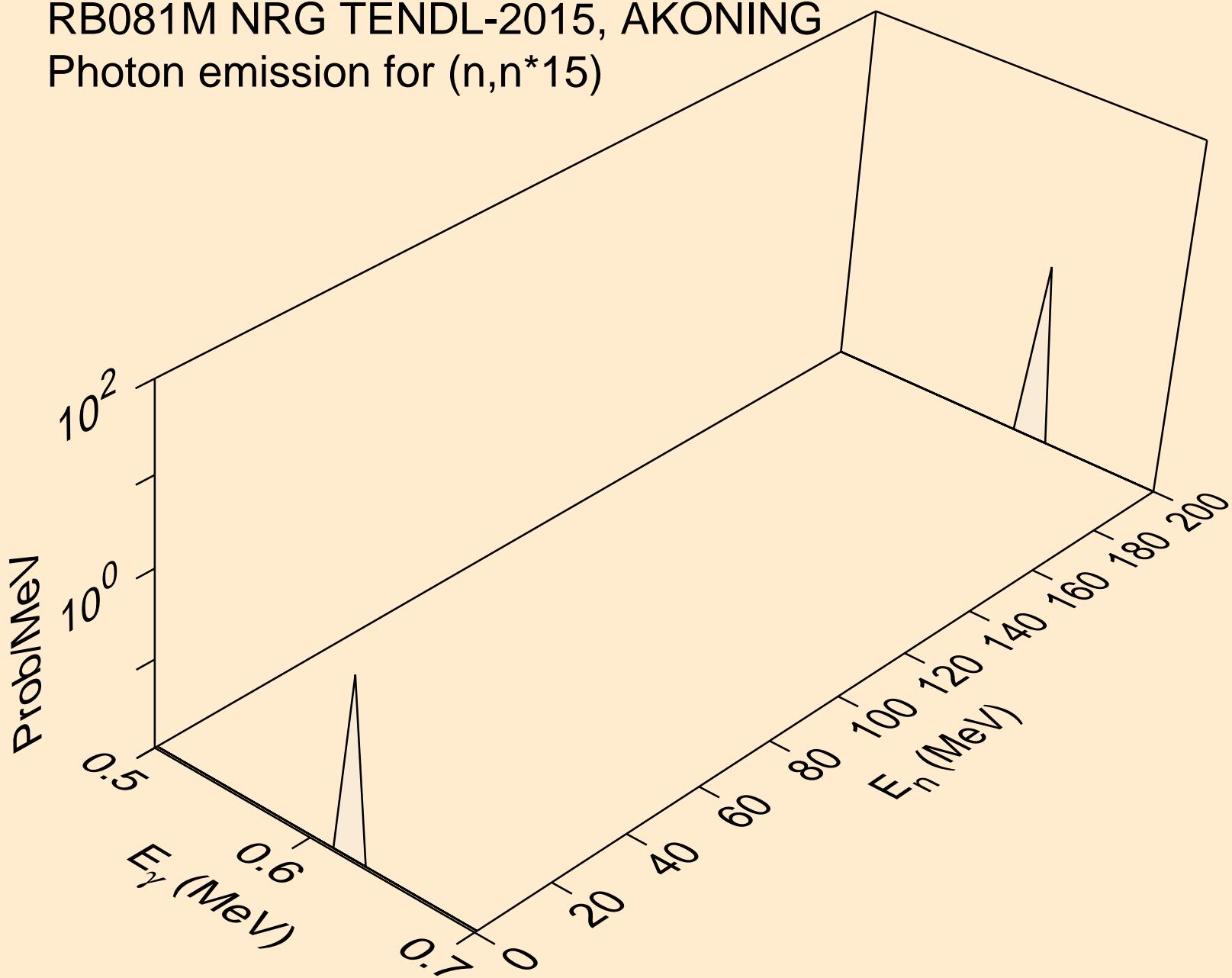
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Photon emission for (n,n\*13)



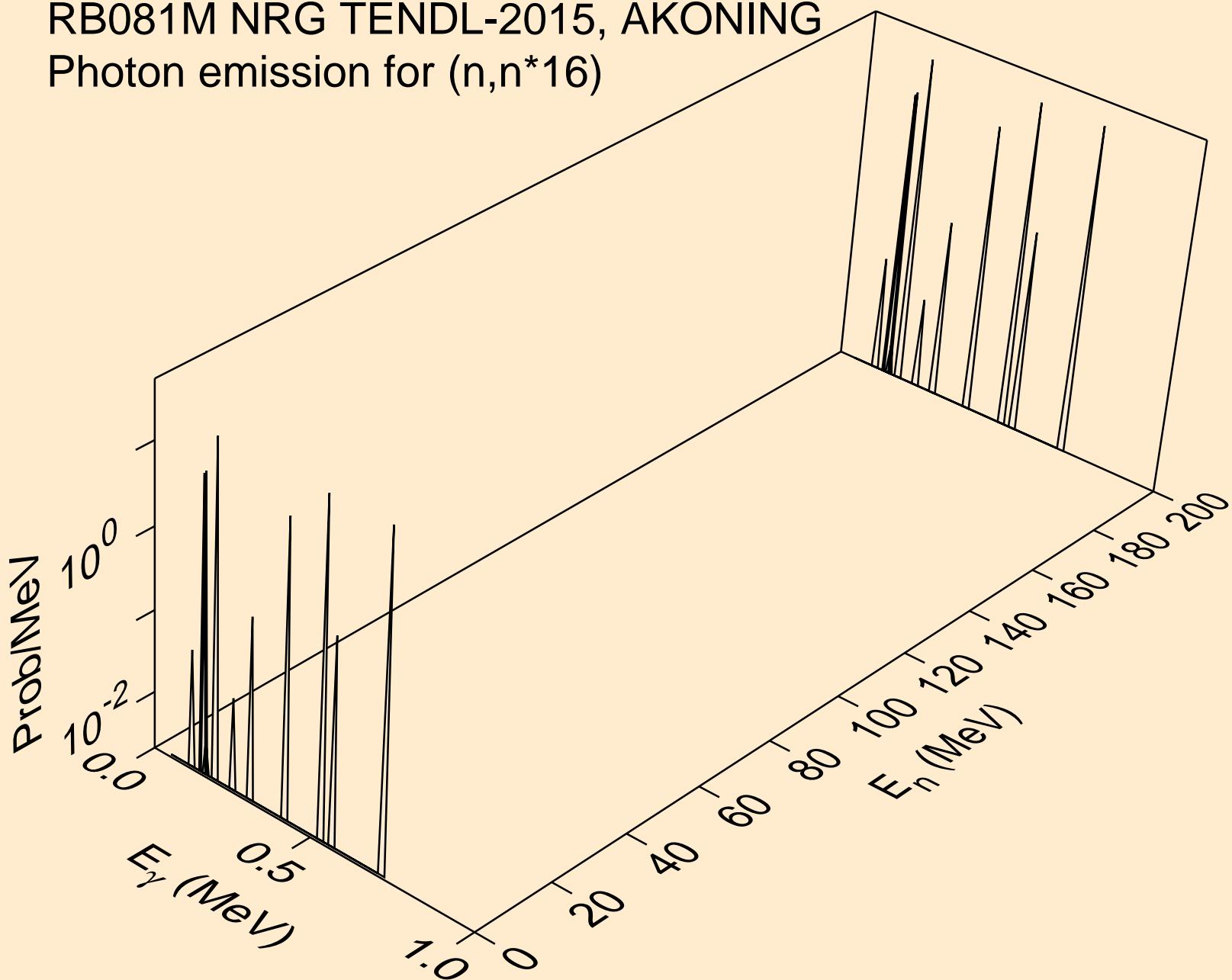
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Photon emission for (n,n\*14)



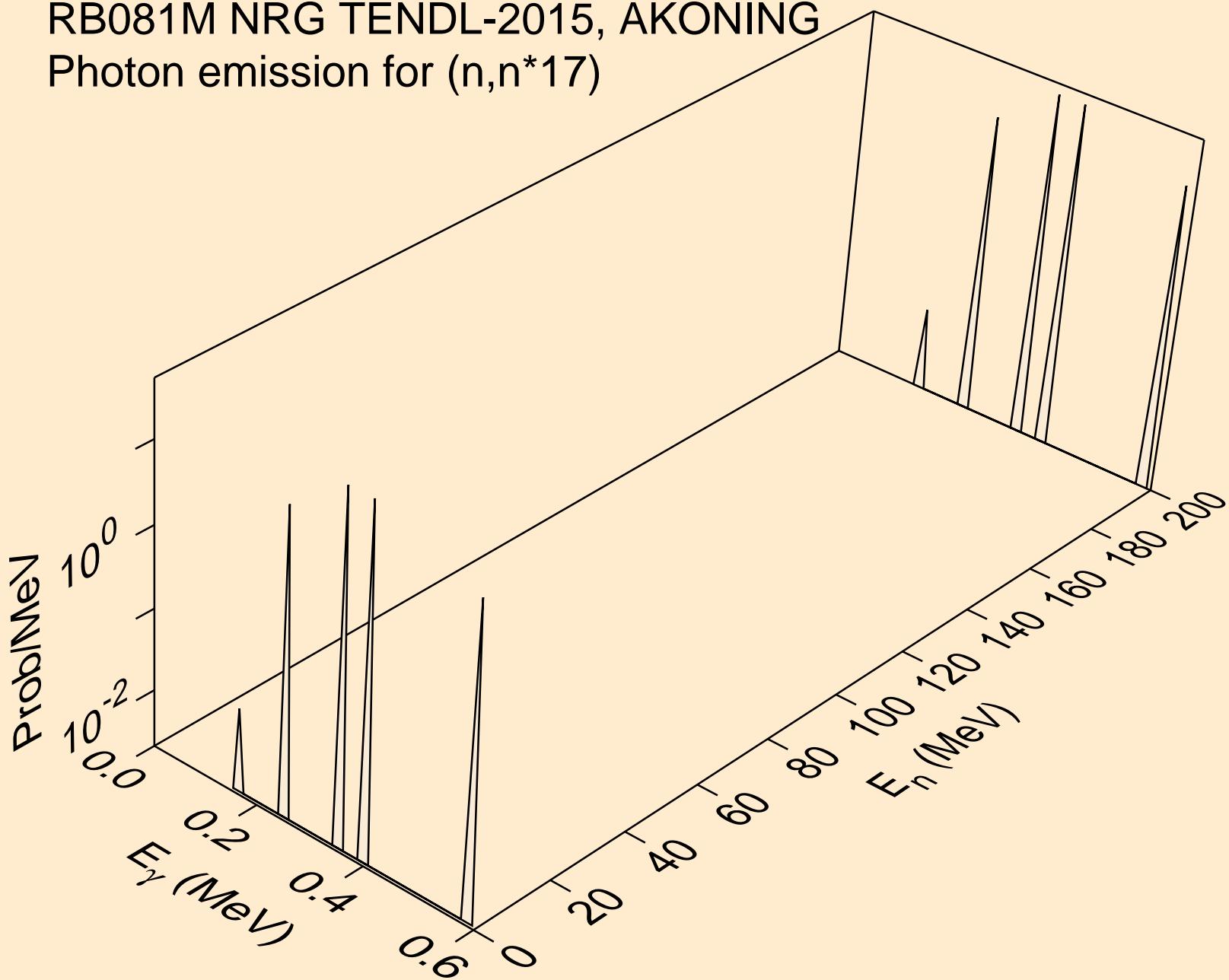
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Photon emission for (n,n\*15)



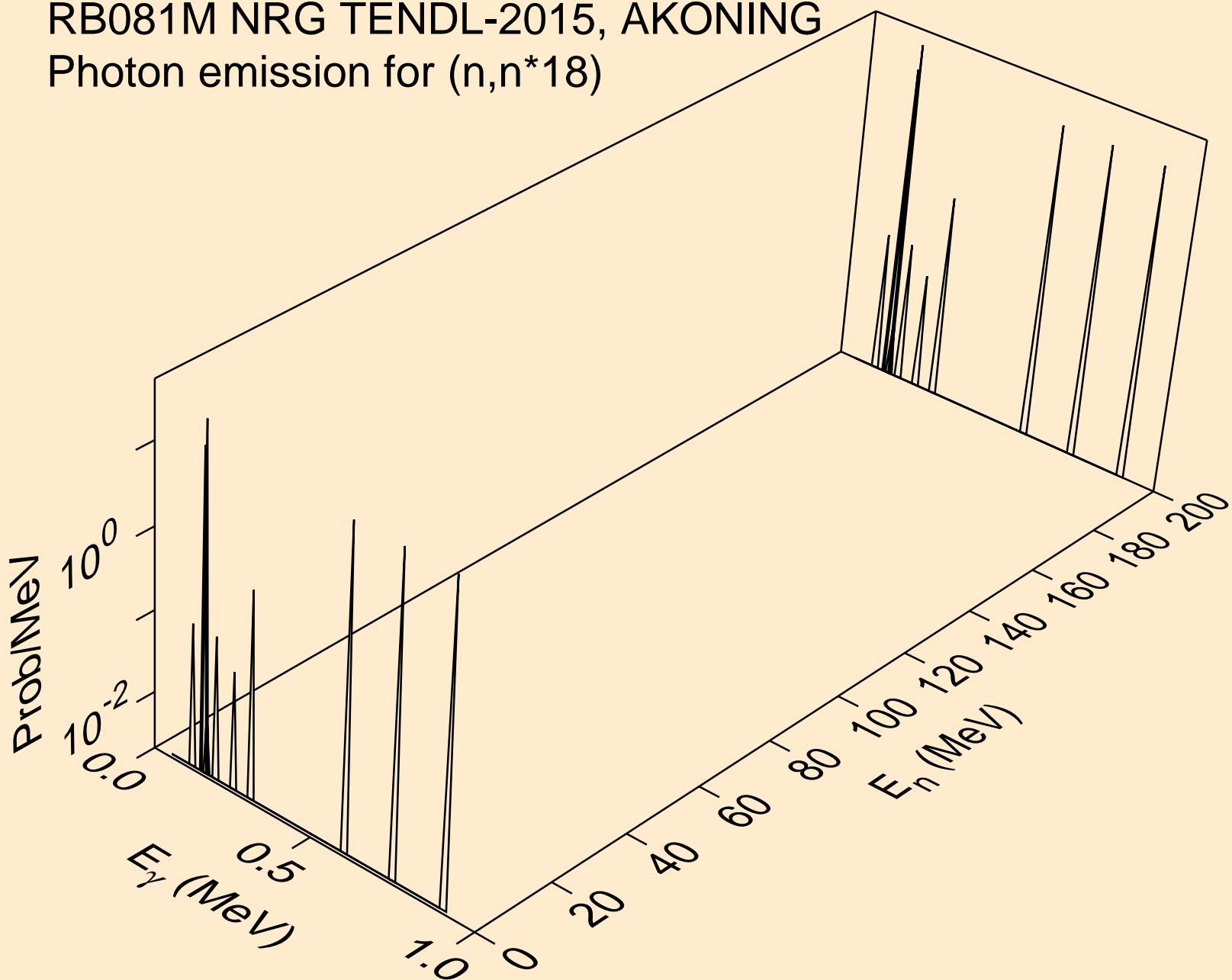
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Photon emission for (n,n\*16)



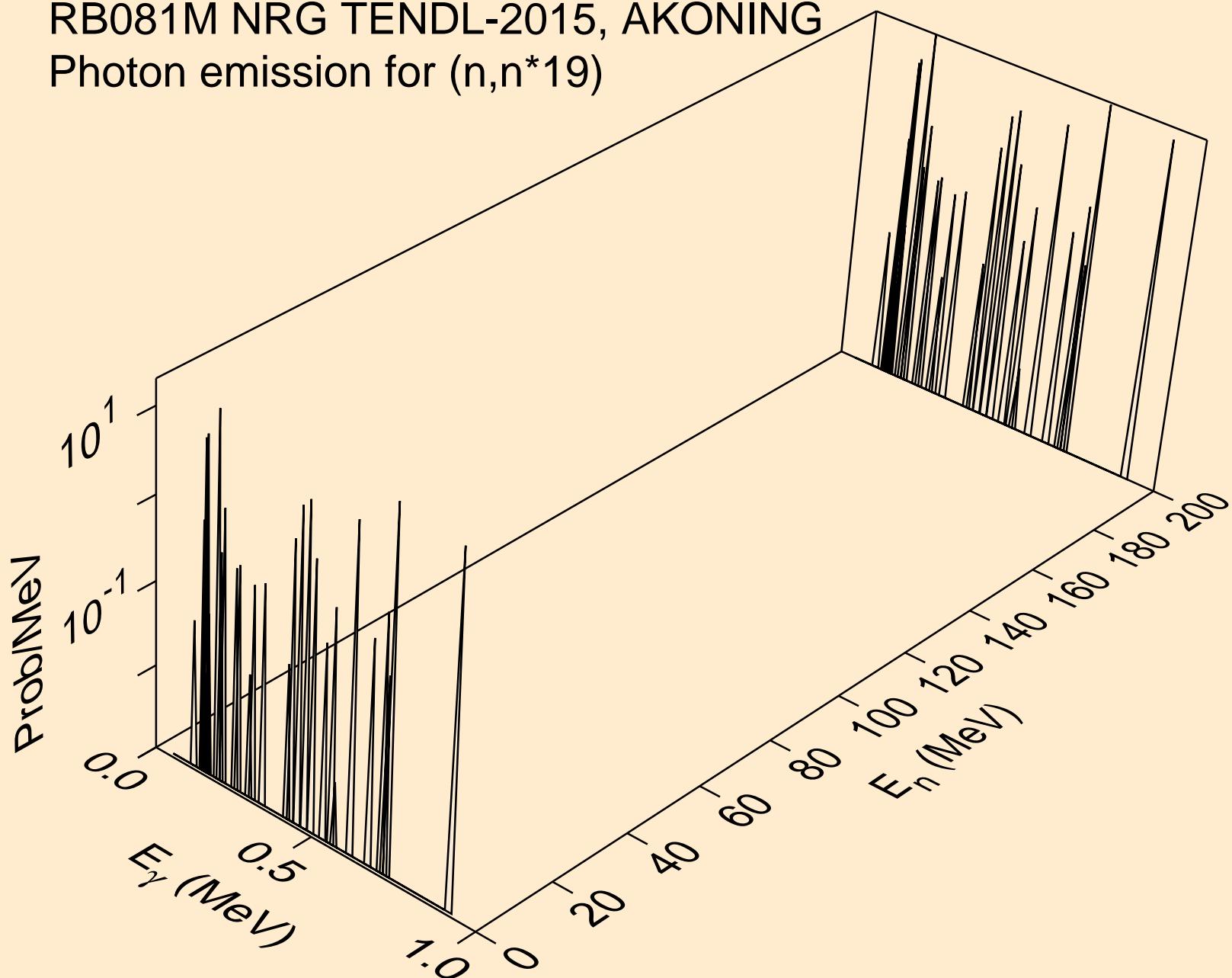
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Photon emission for (n,n\*17)



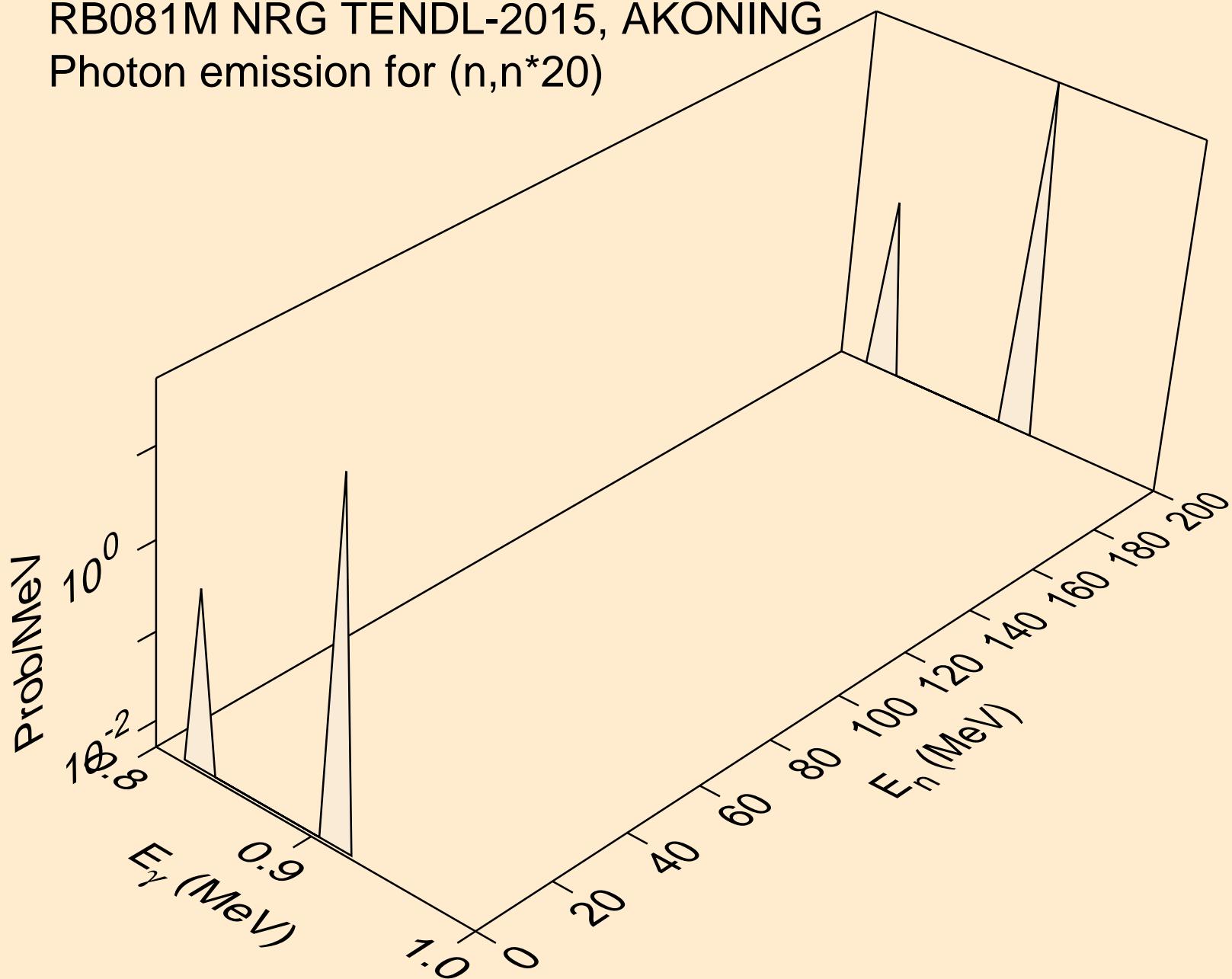
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Photon emission for (n,n\*18)



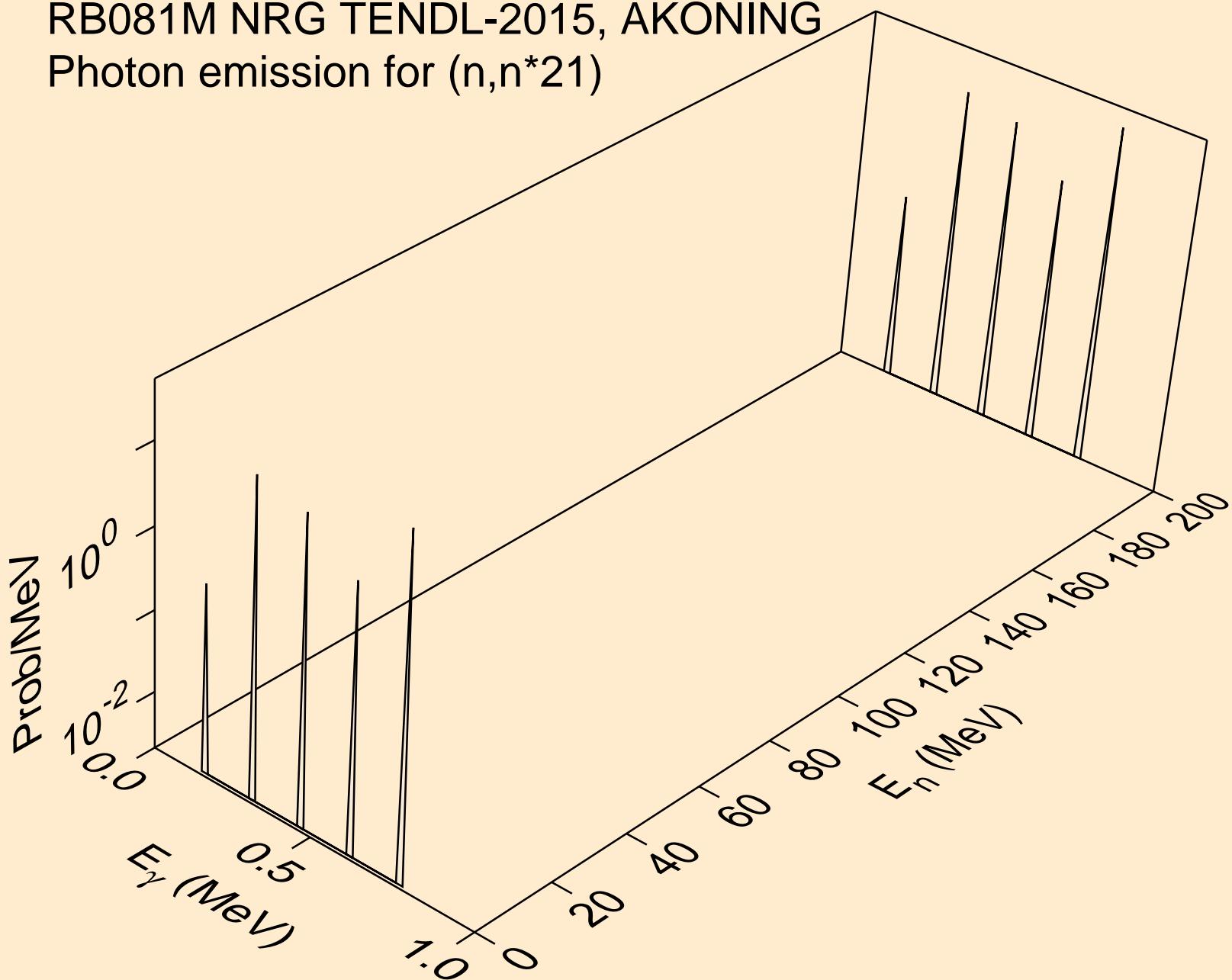
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Photon emission for ( $n, n^* 19$ )



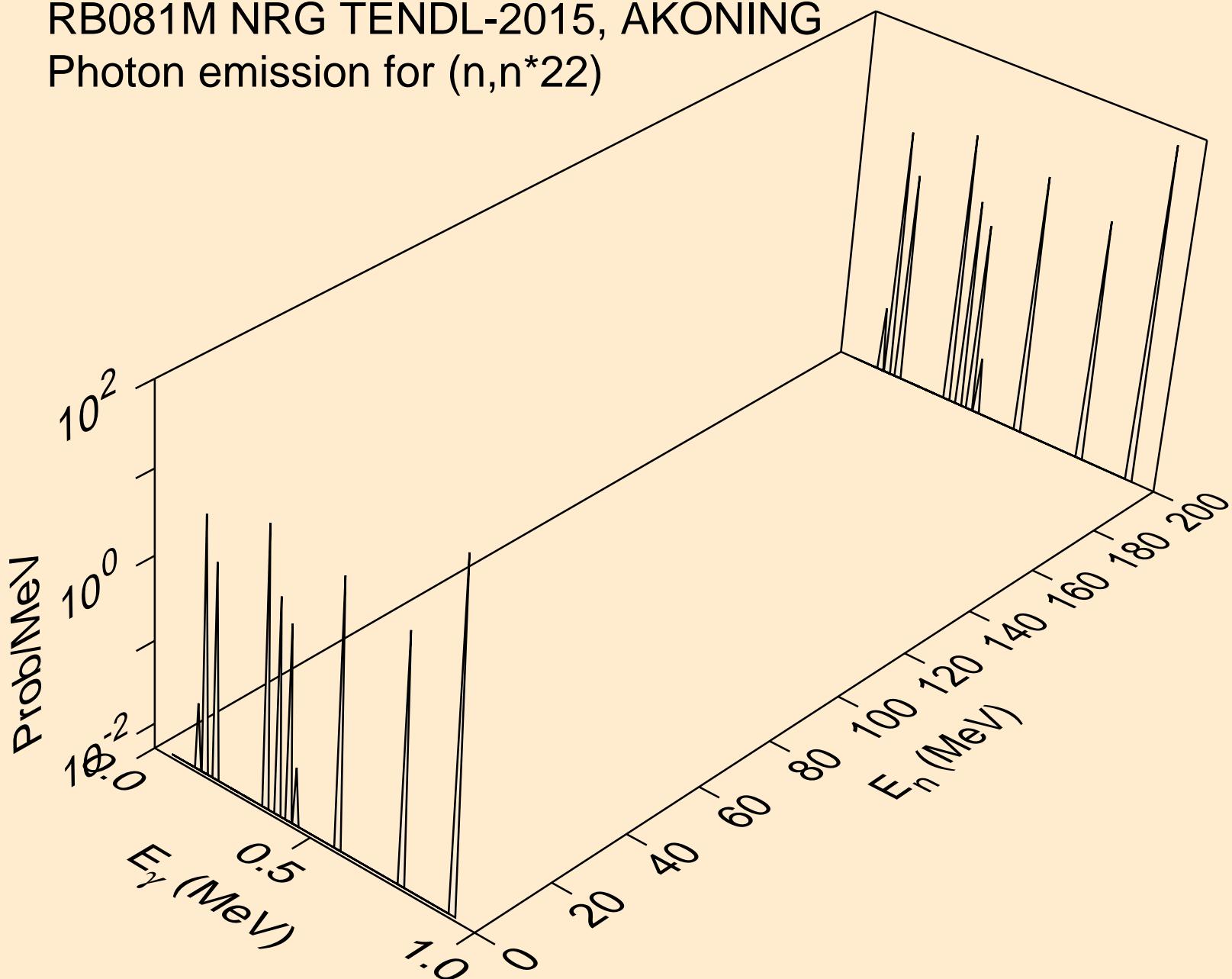
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Photon emission for (n,n\*20)



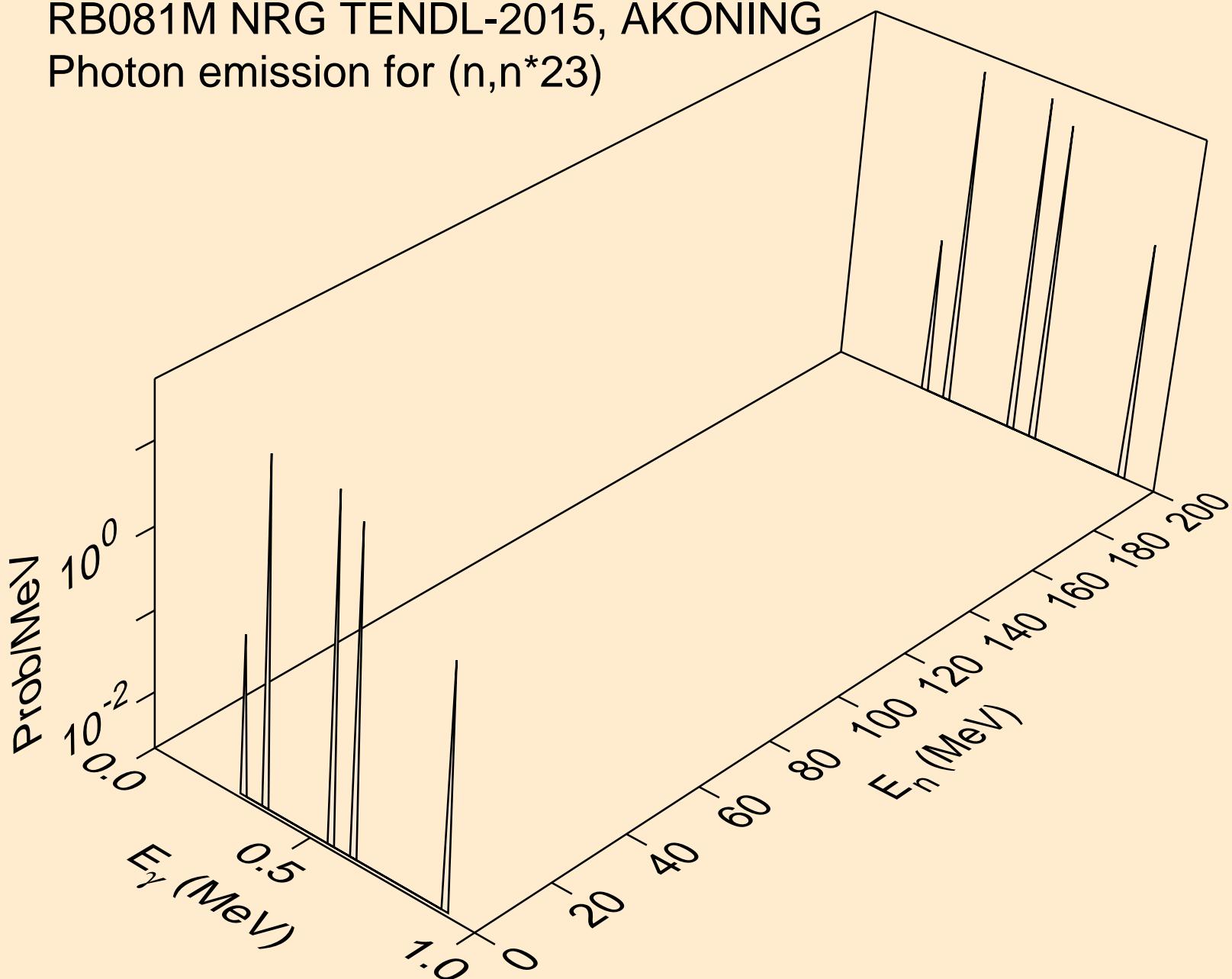
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Photon emission for (n,n\*21)



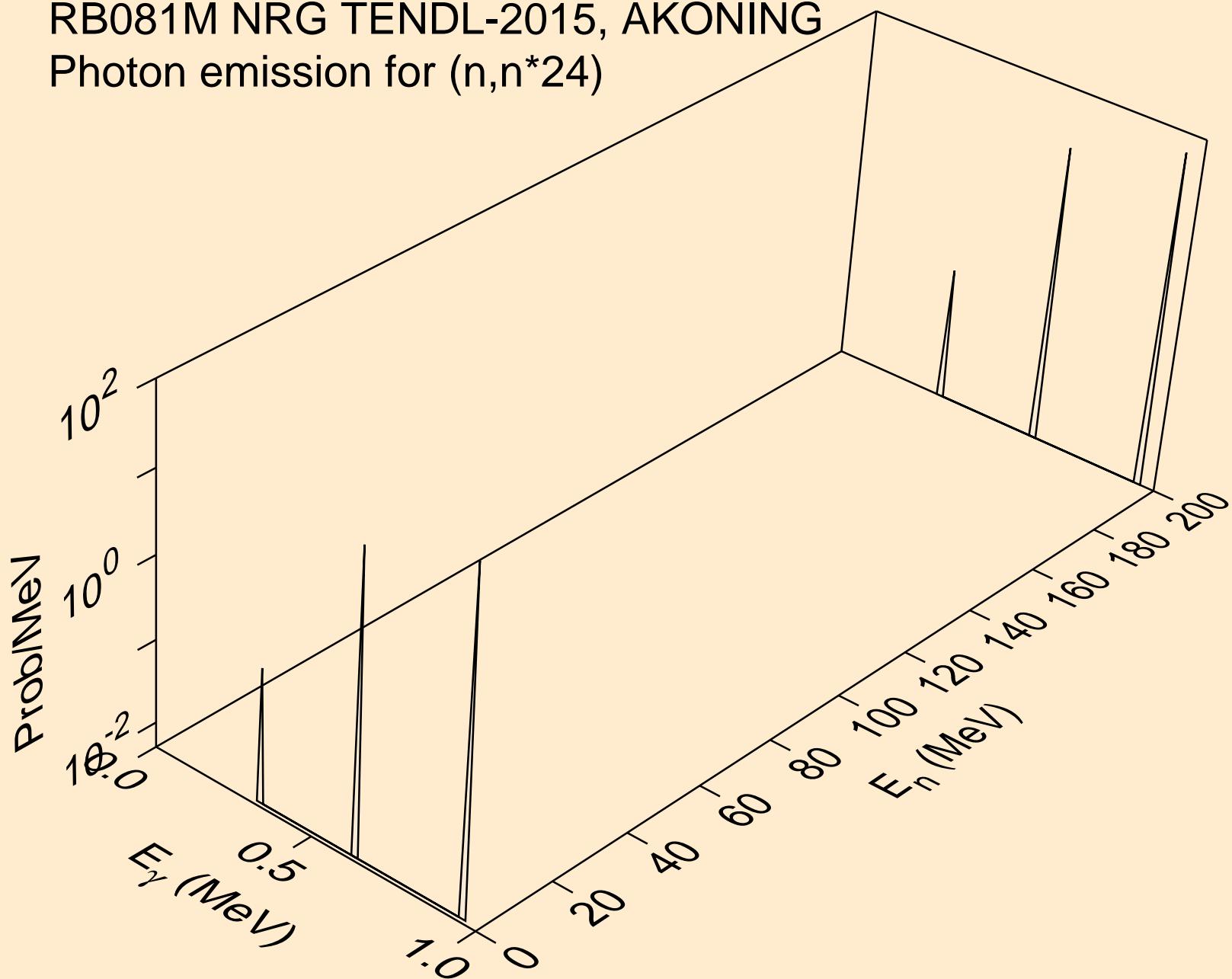
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Photon emission for ( $n, n^* 22$ )



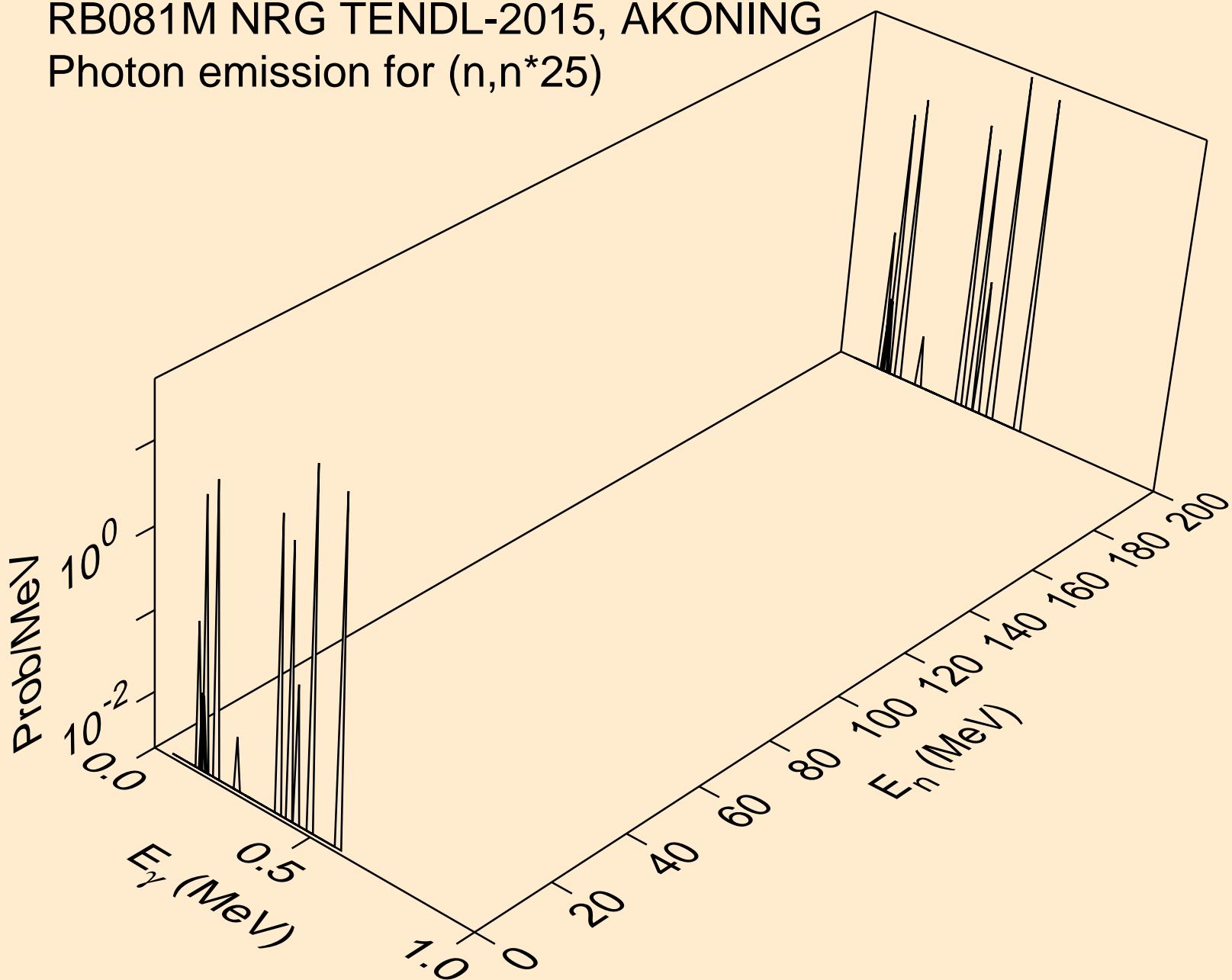
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Photon emission for ( $n, n^* 23$ )



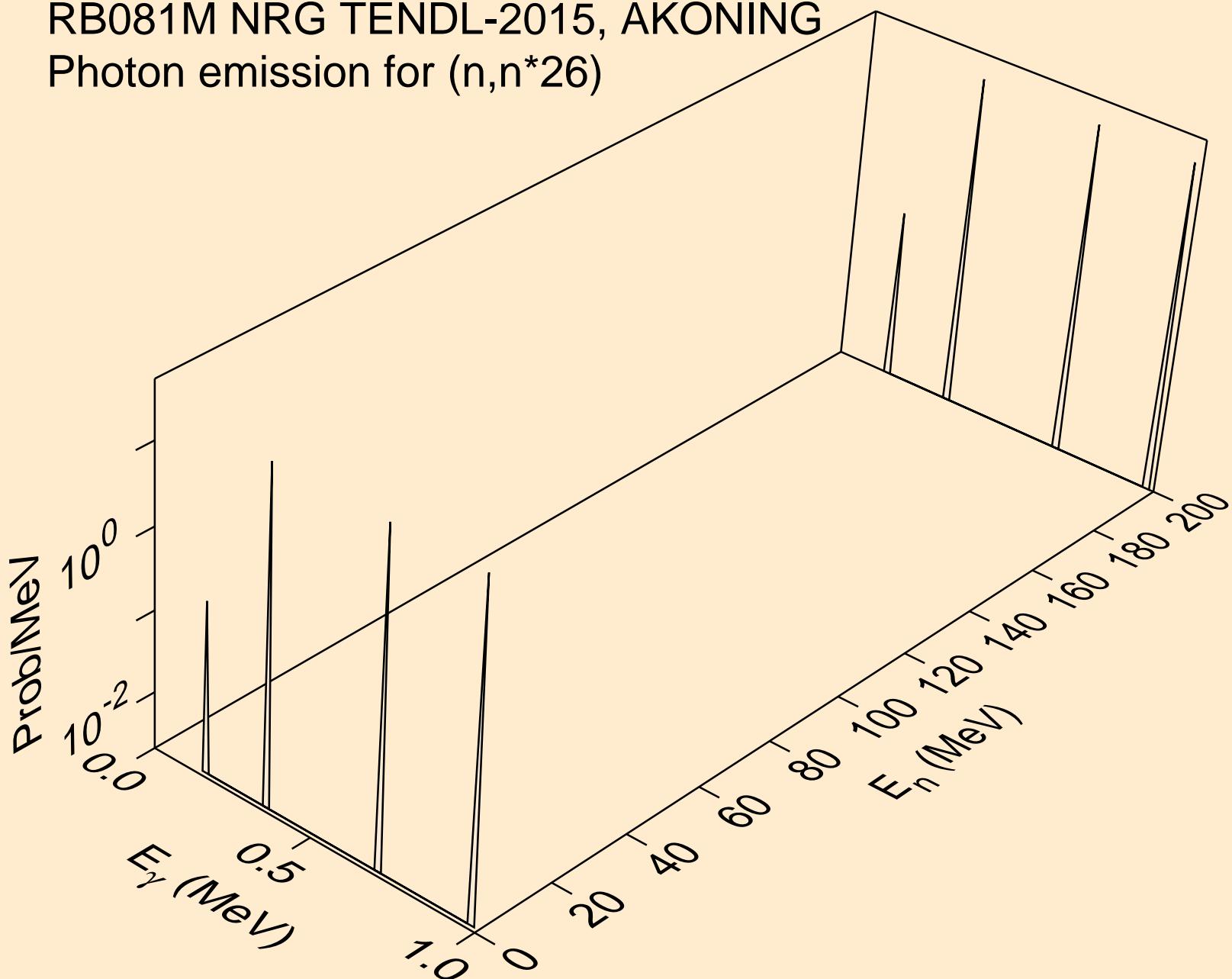
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Photon emission for (n,n\*24)



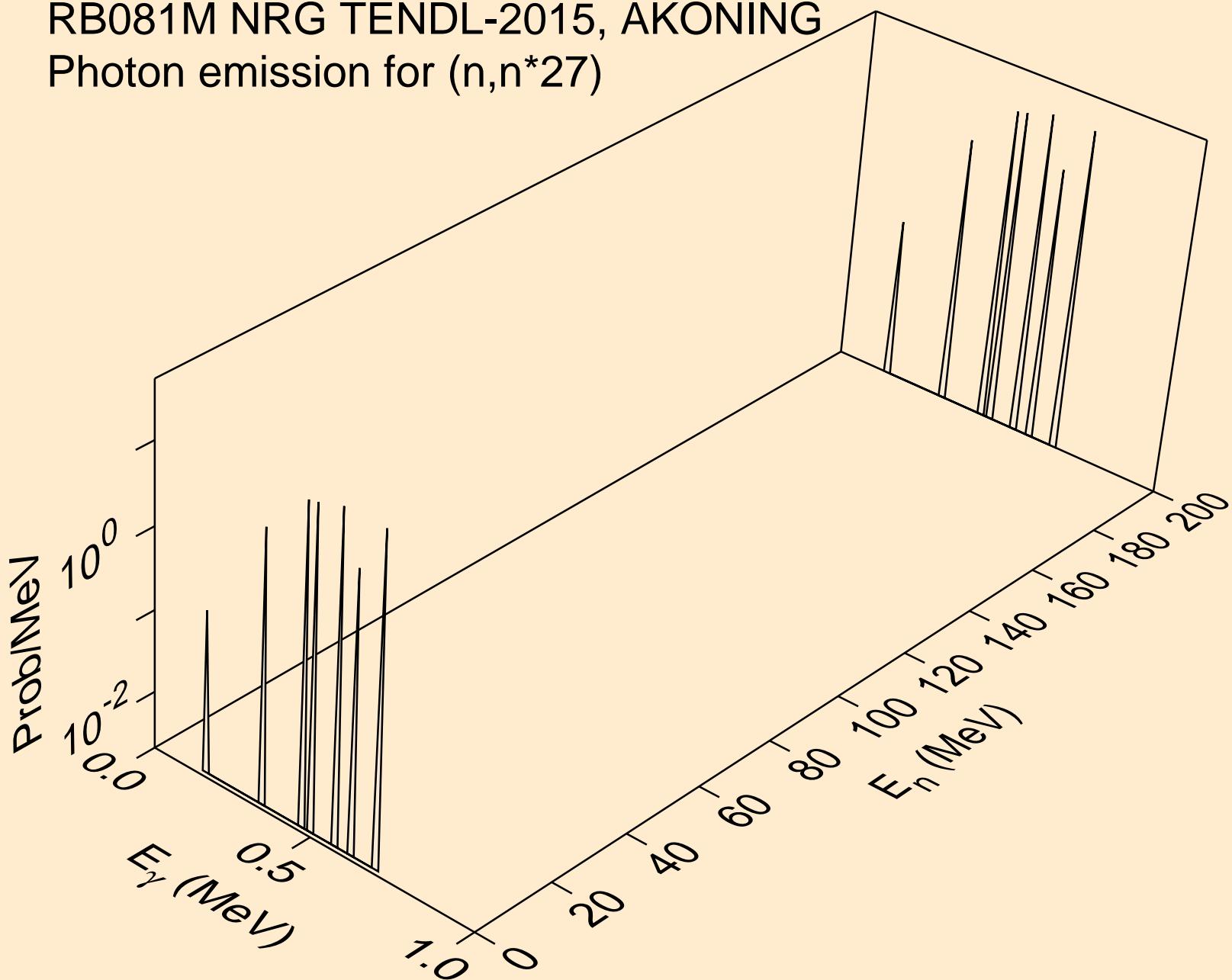
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Photon emission for (n,n\*25)



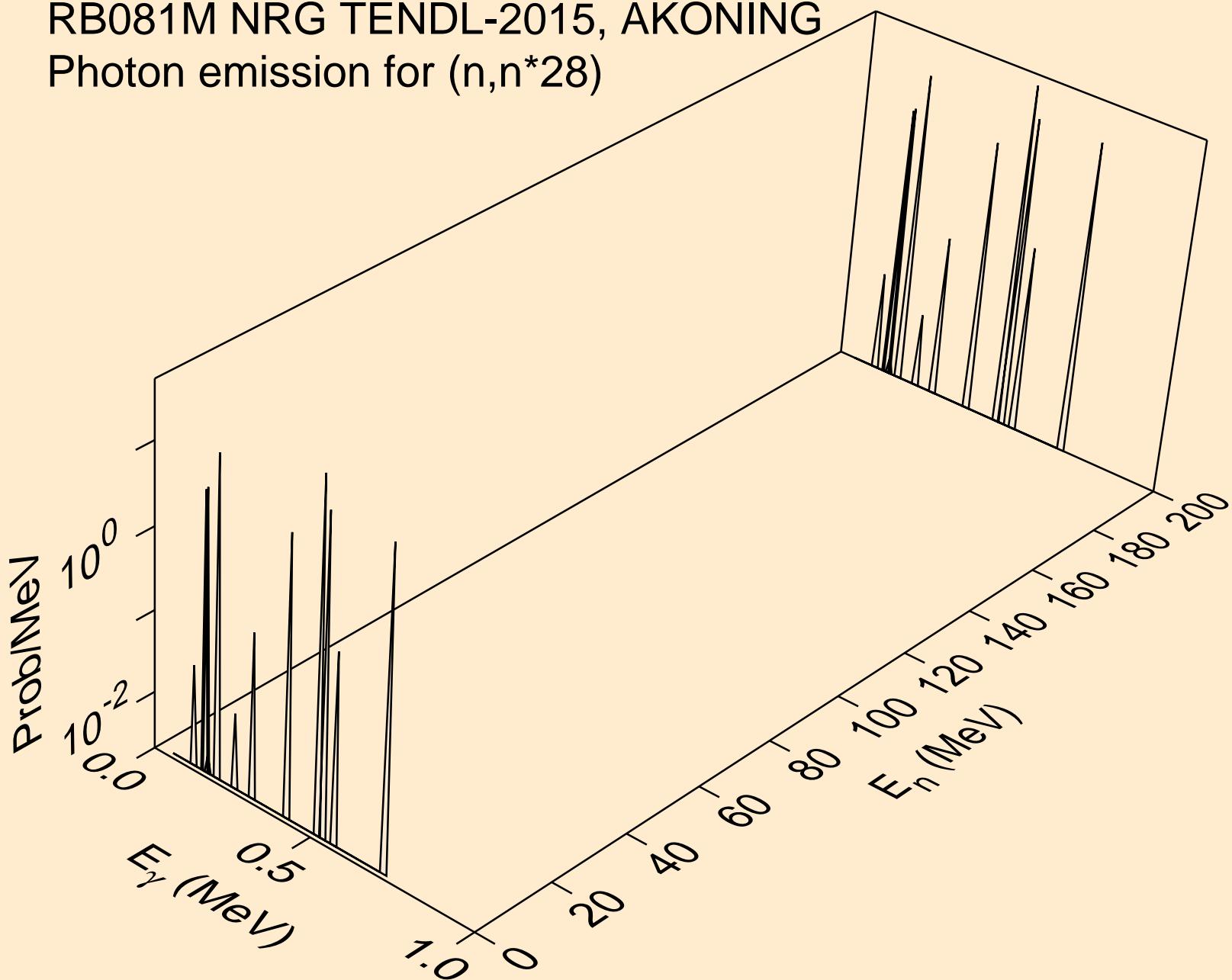
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Photon emission for (n,n\*26)



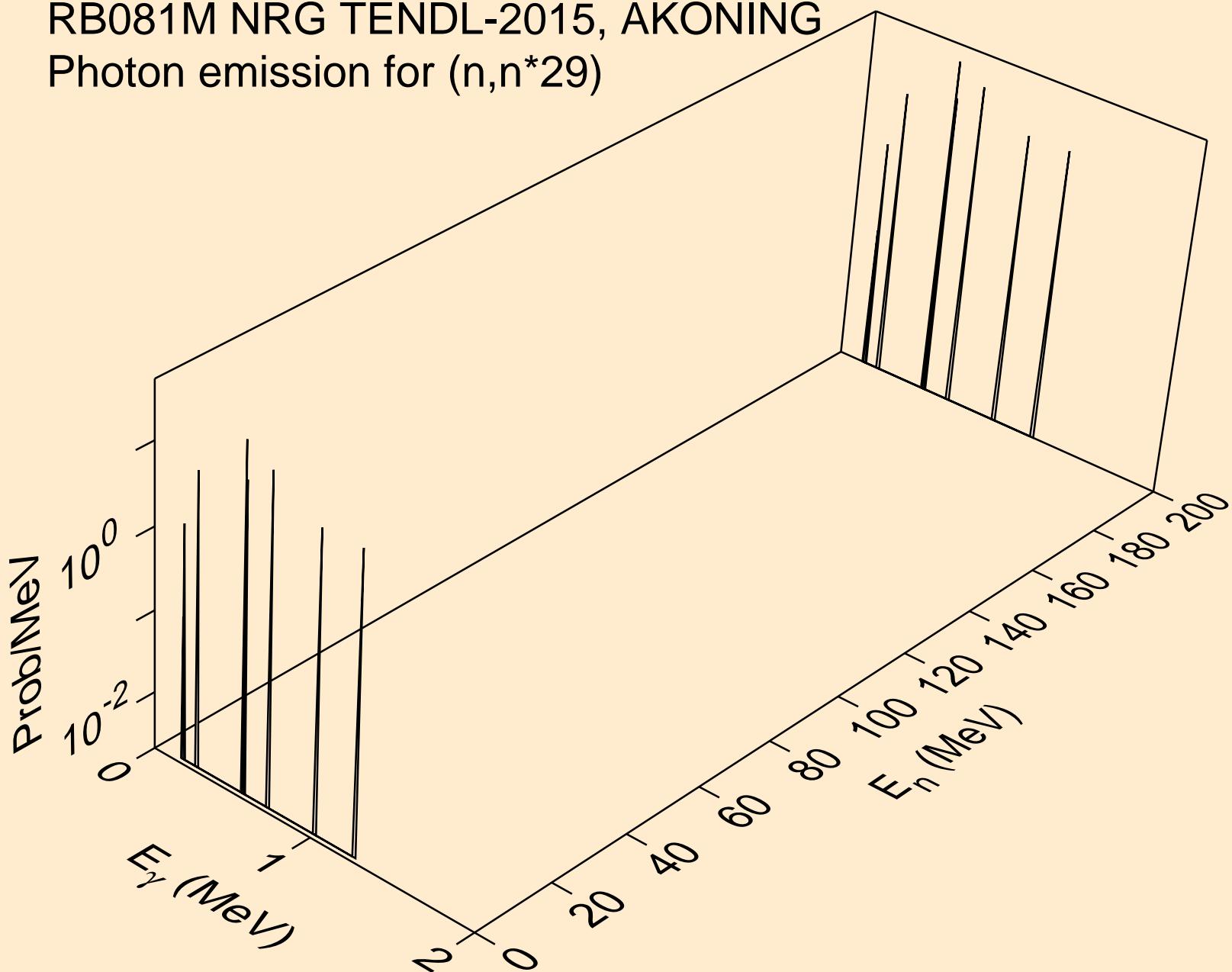
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Photon emission for ( $n, n^* 27$ )



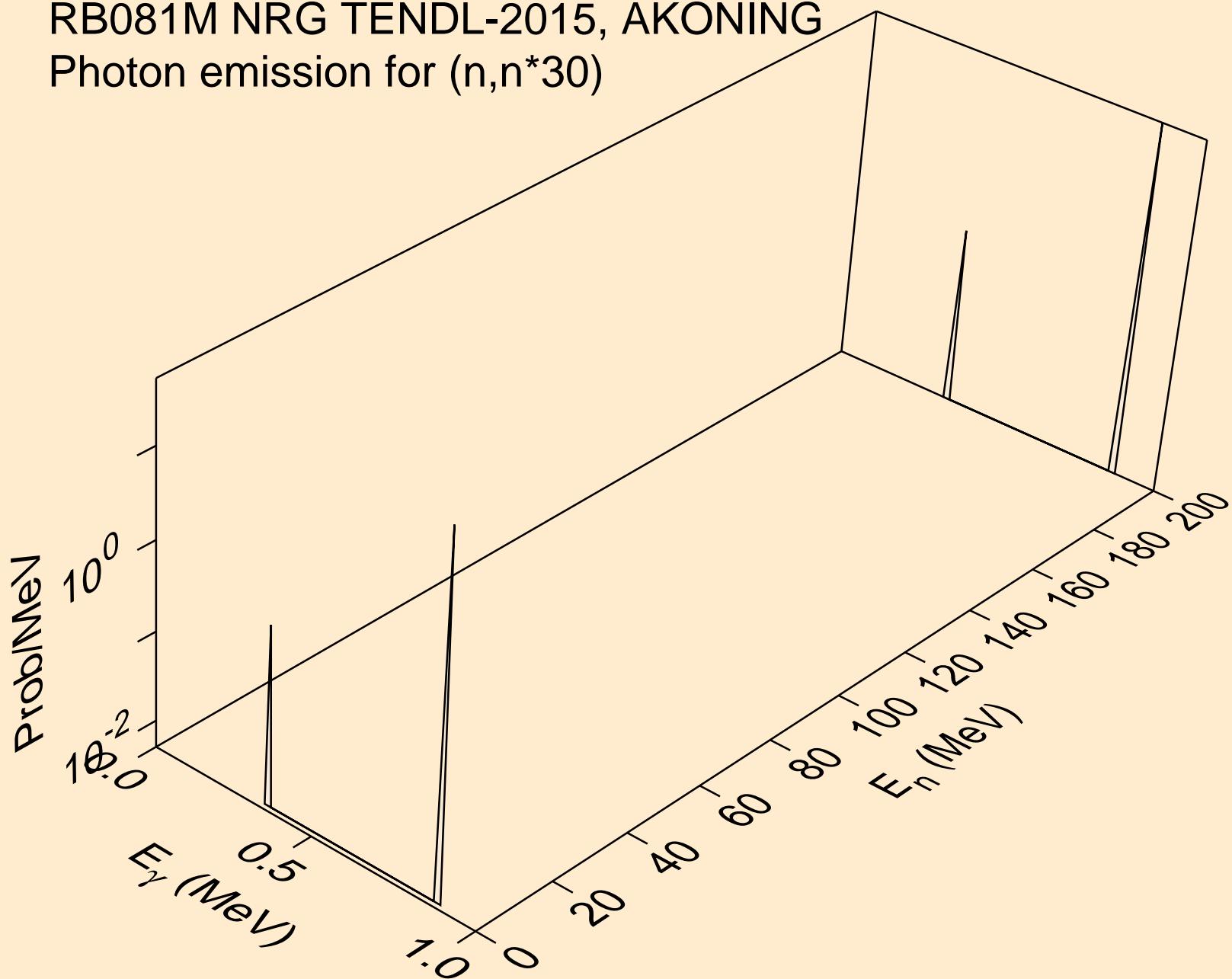
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Photon emission for ( $n, n^* 28$ )



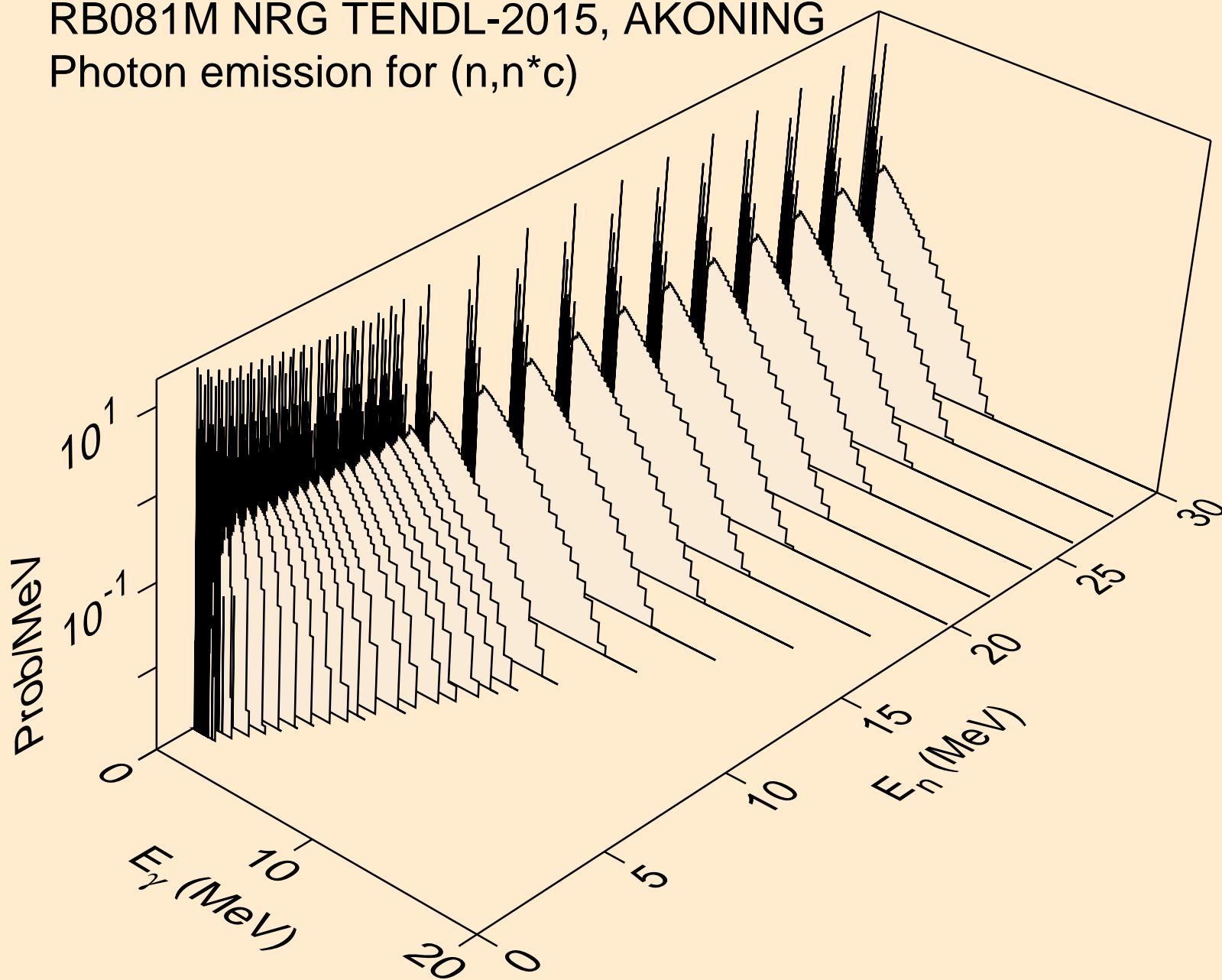
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Photon emission for (n,n\*29)



RB081M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*30)

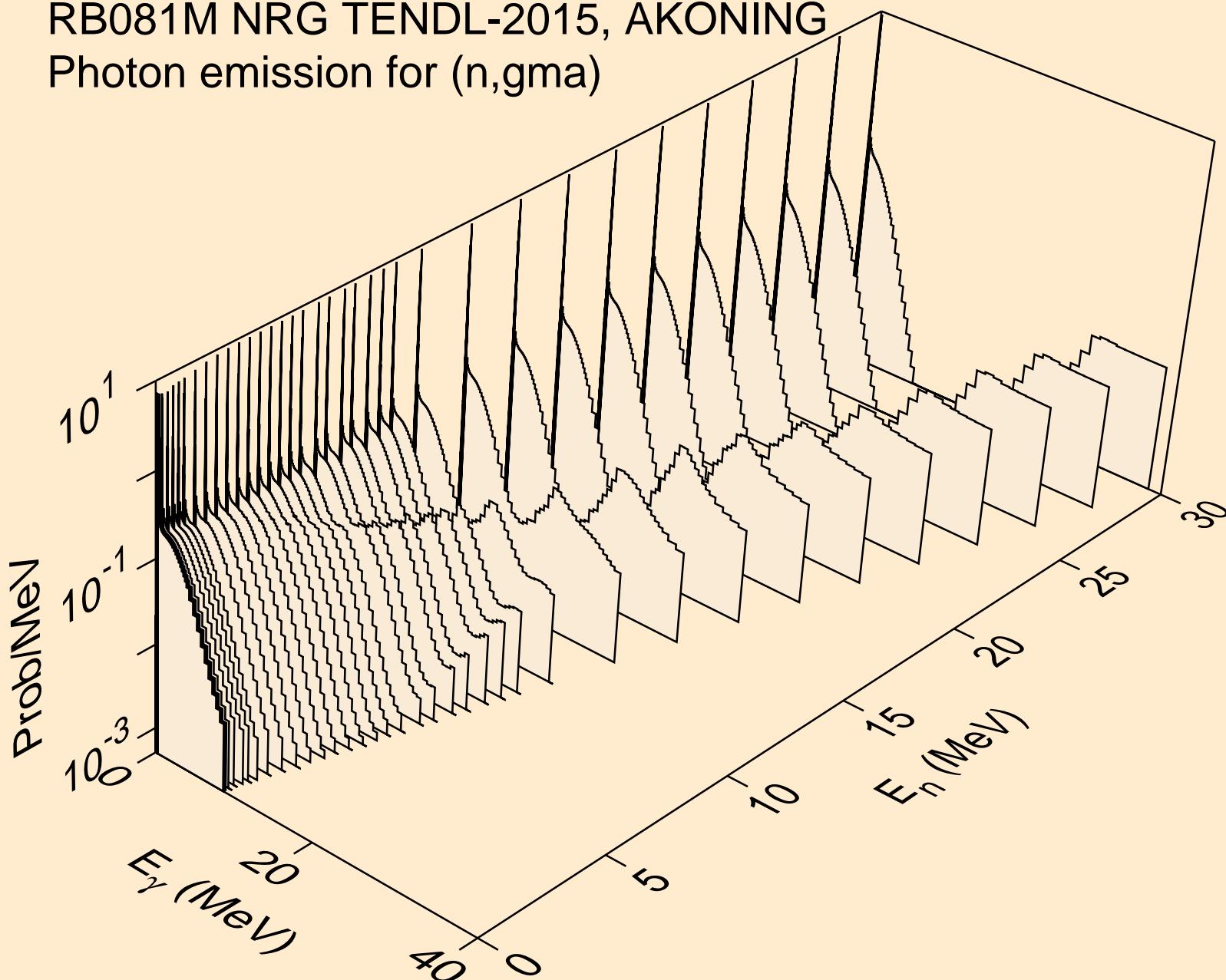


RB081M NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*c)$



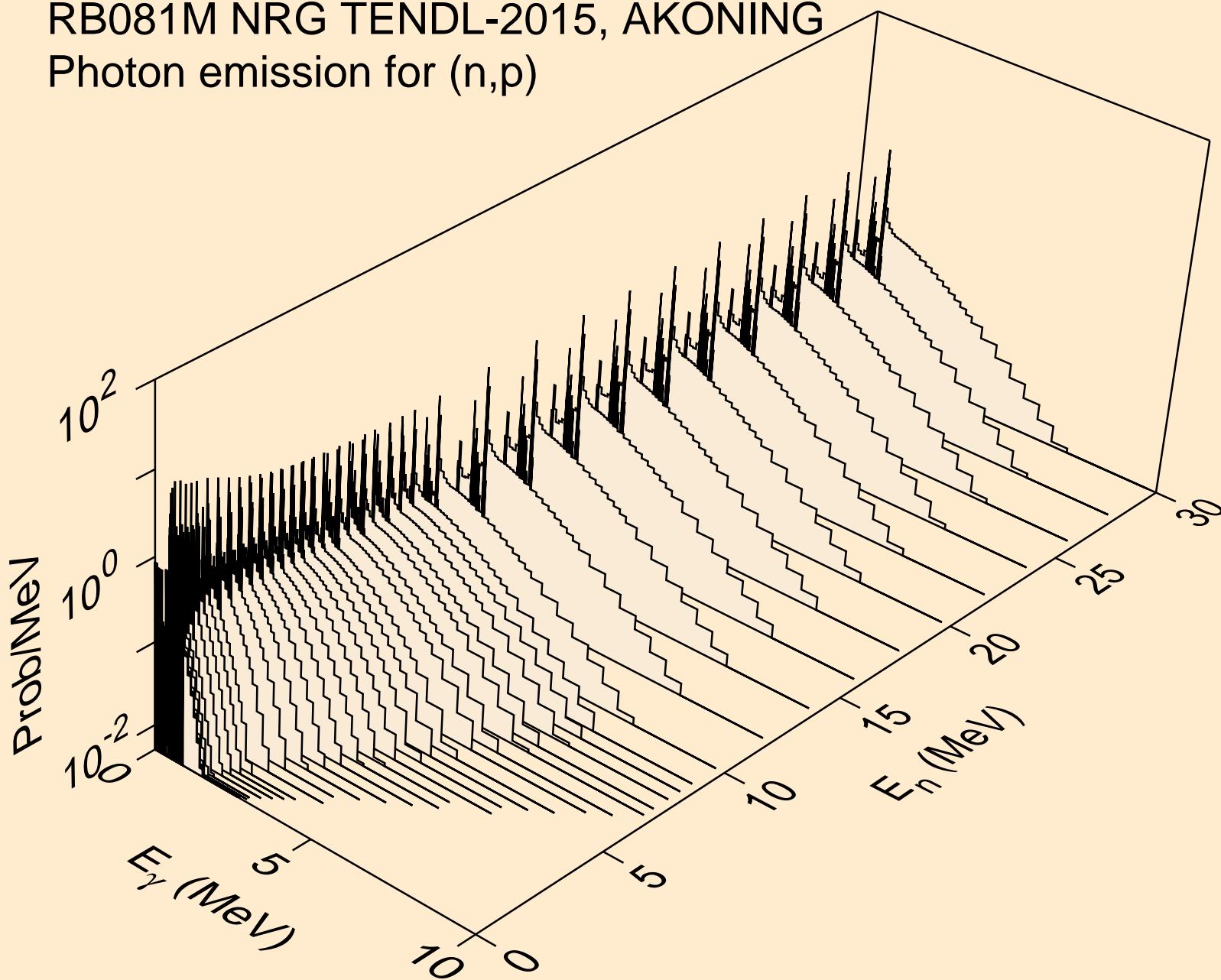
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Photon emission for (n,gma)

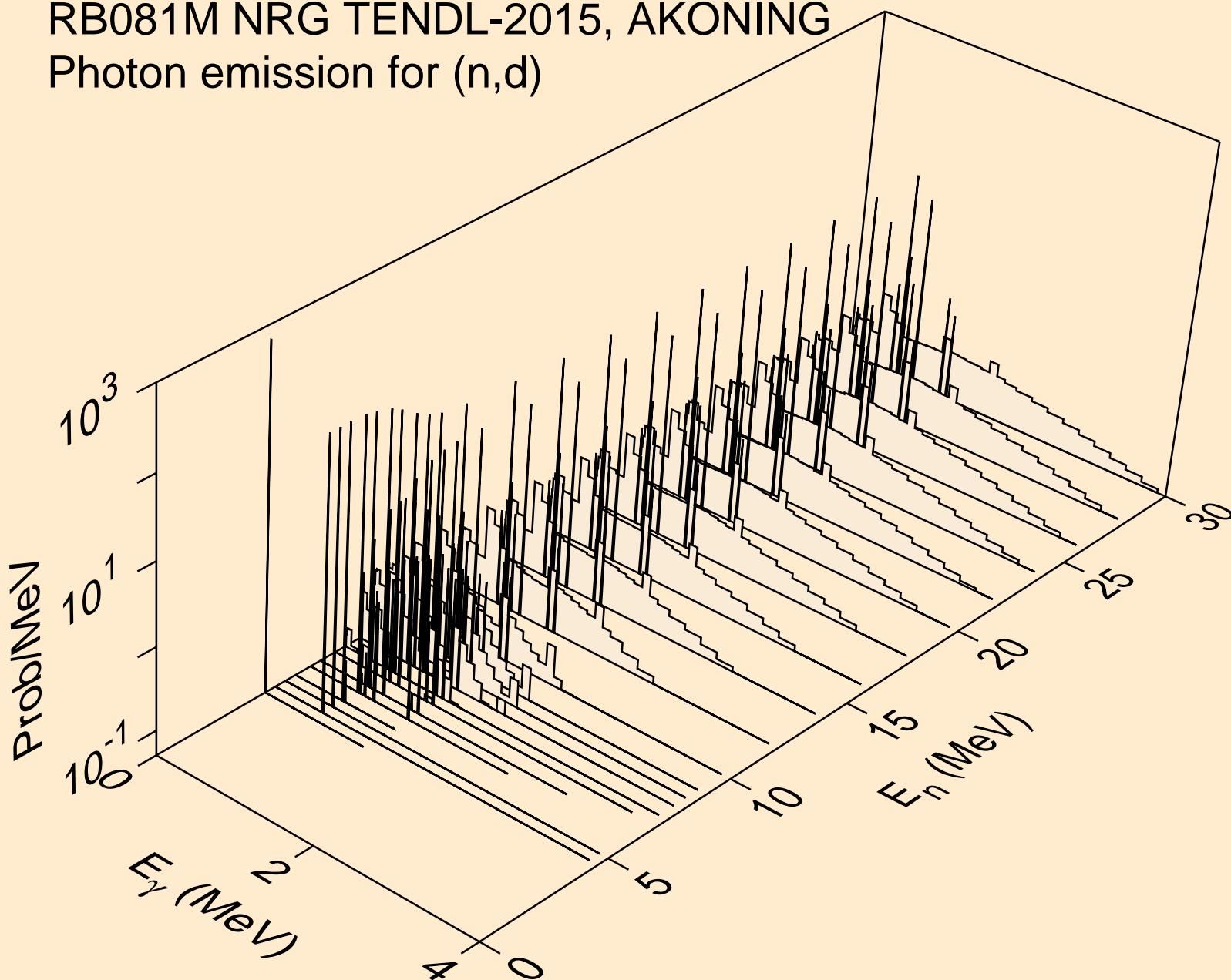


RB081M NRG TENDL-2015, AKONING

Photon emission for (n,p)

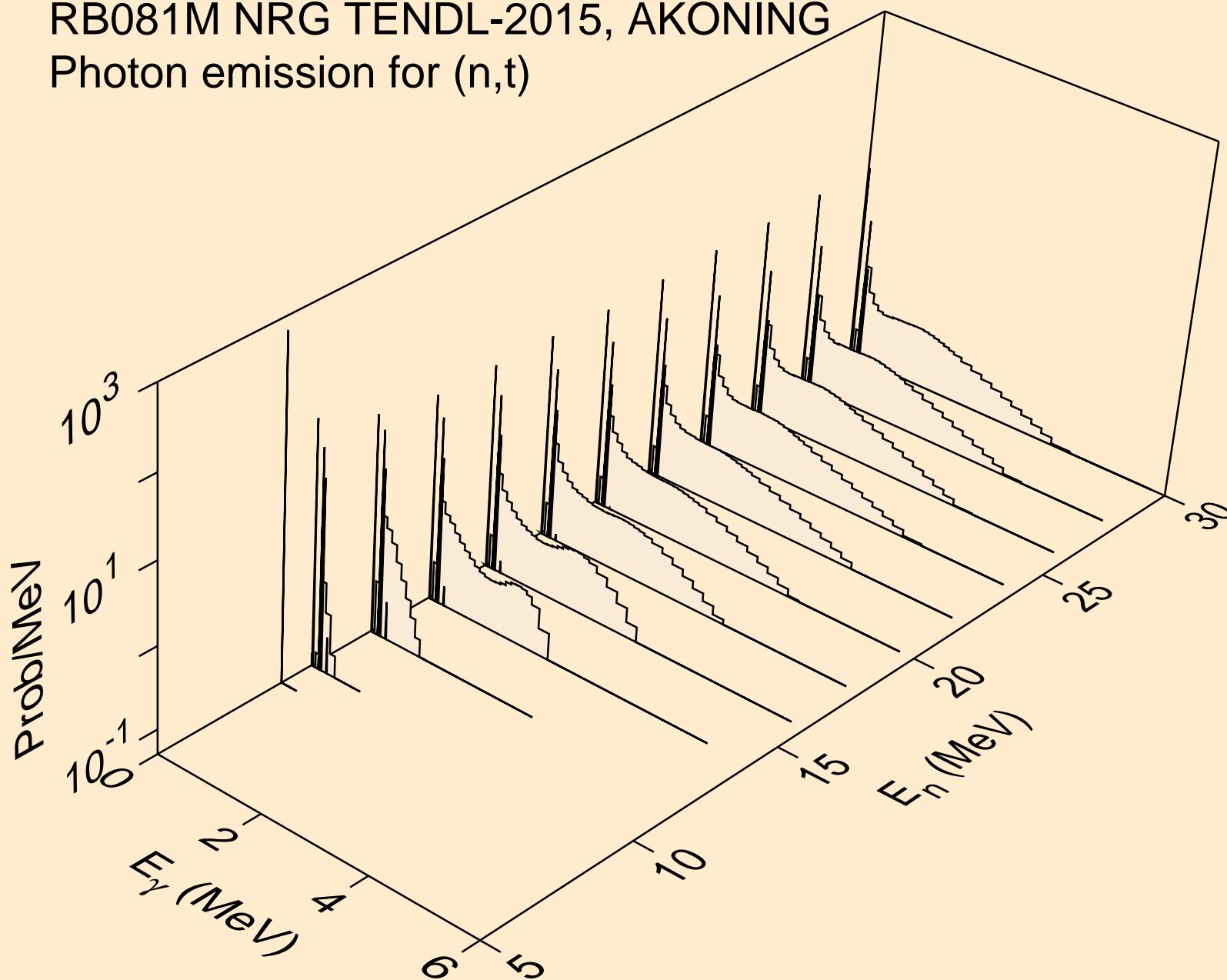


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Photon emission for (n,d)

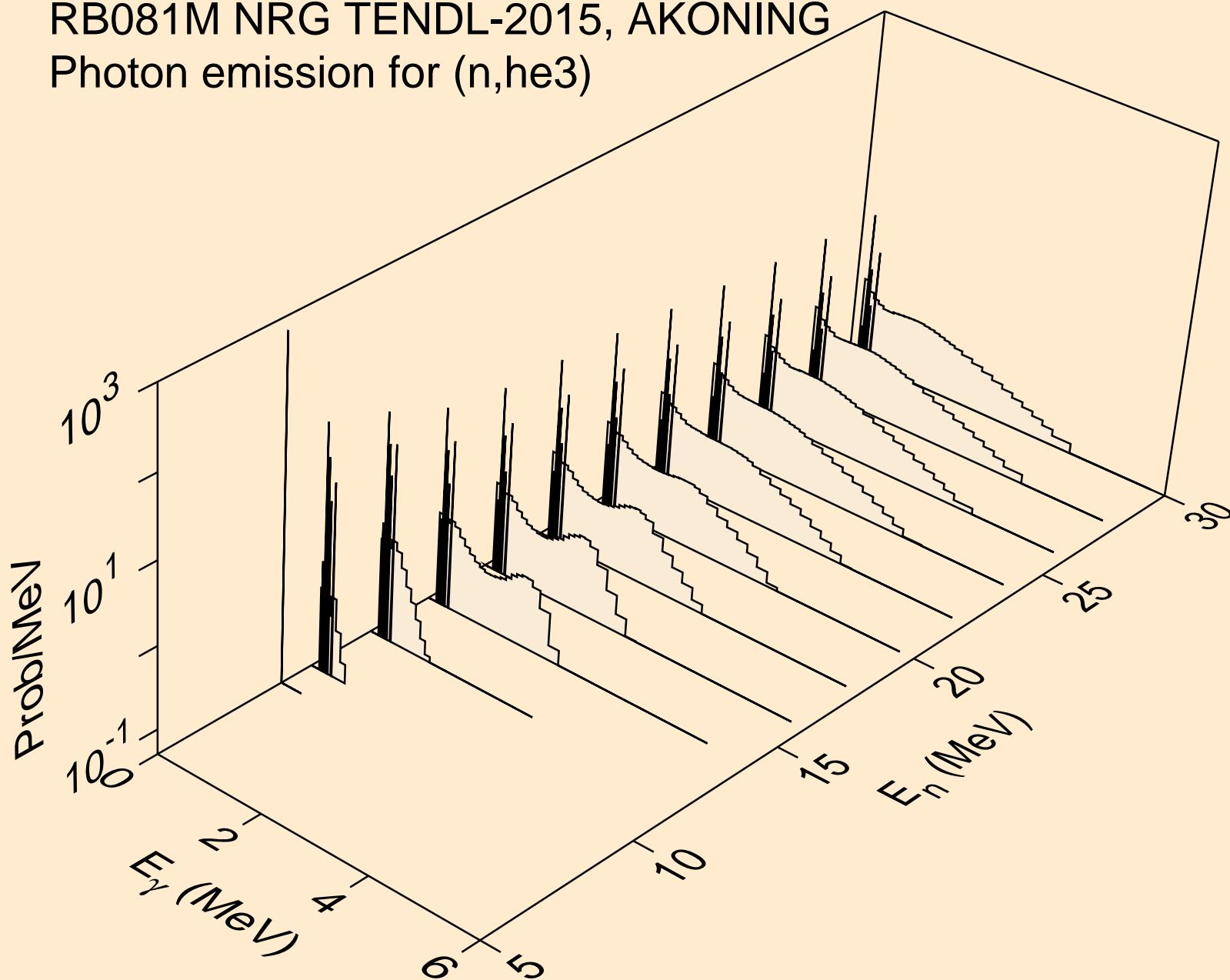


RB081M NRG TENDL-2015, AKONING

Photon emission for (n,t)

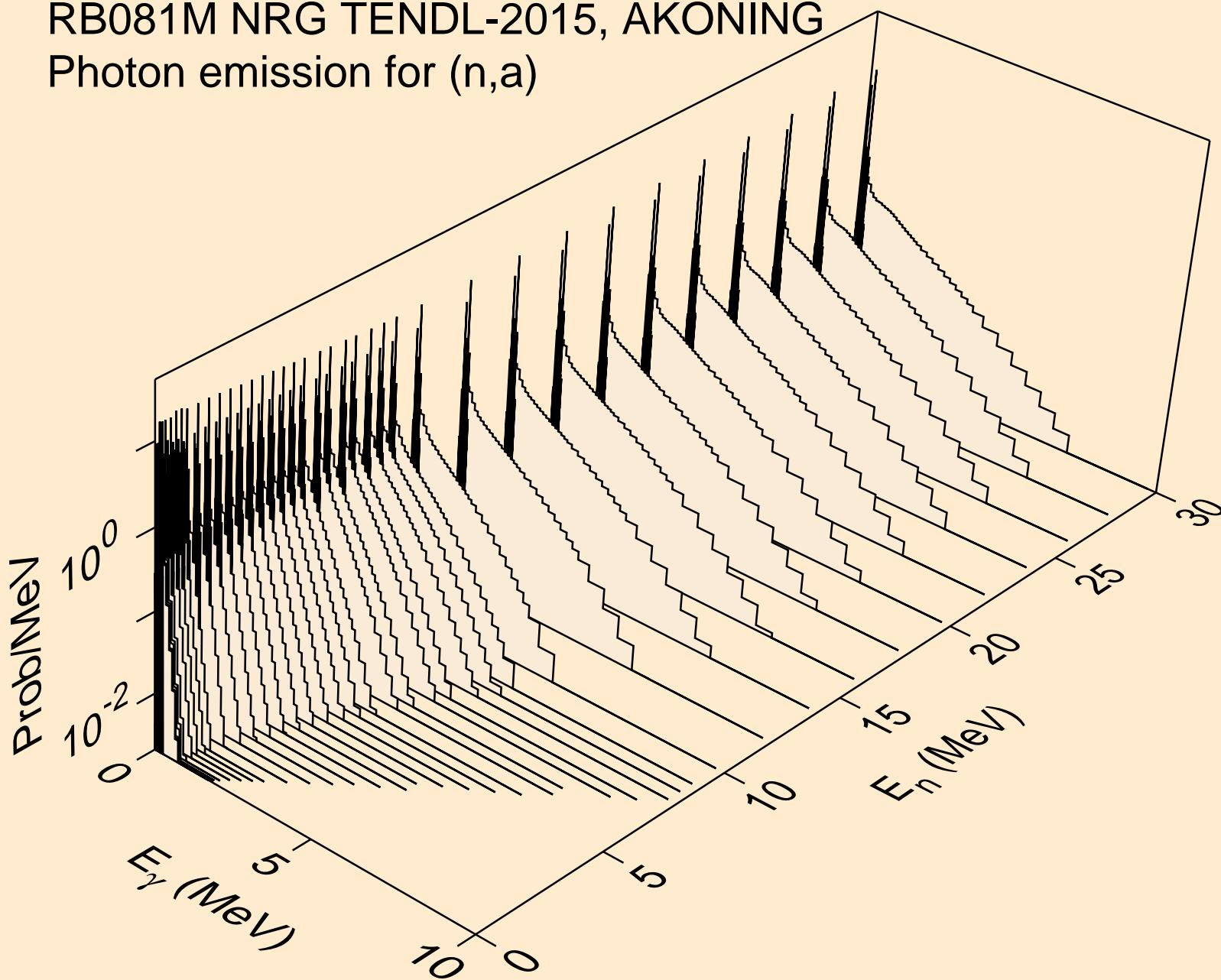


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Photon emission for (n,he3)

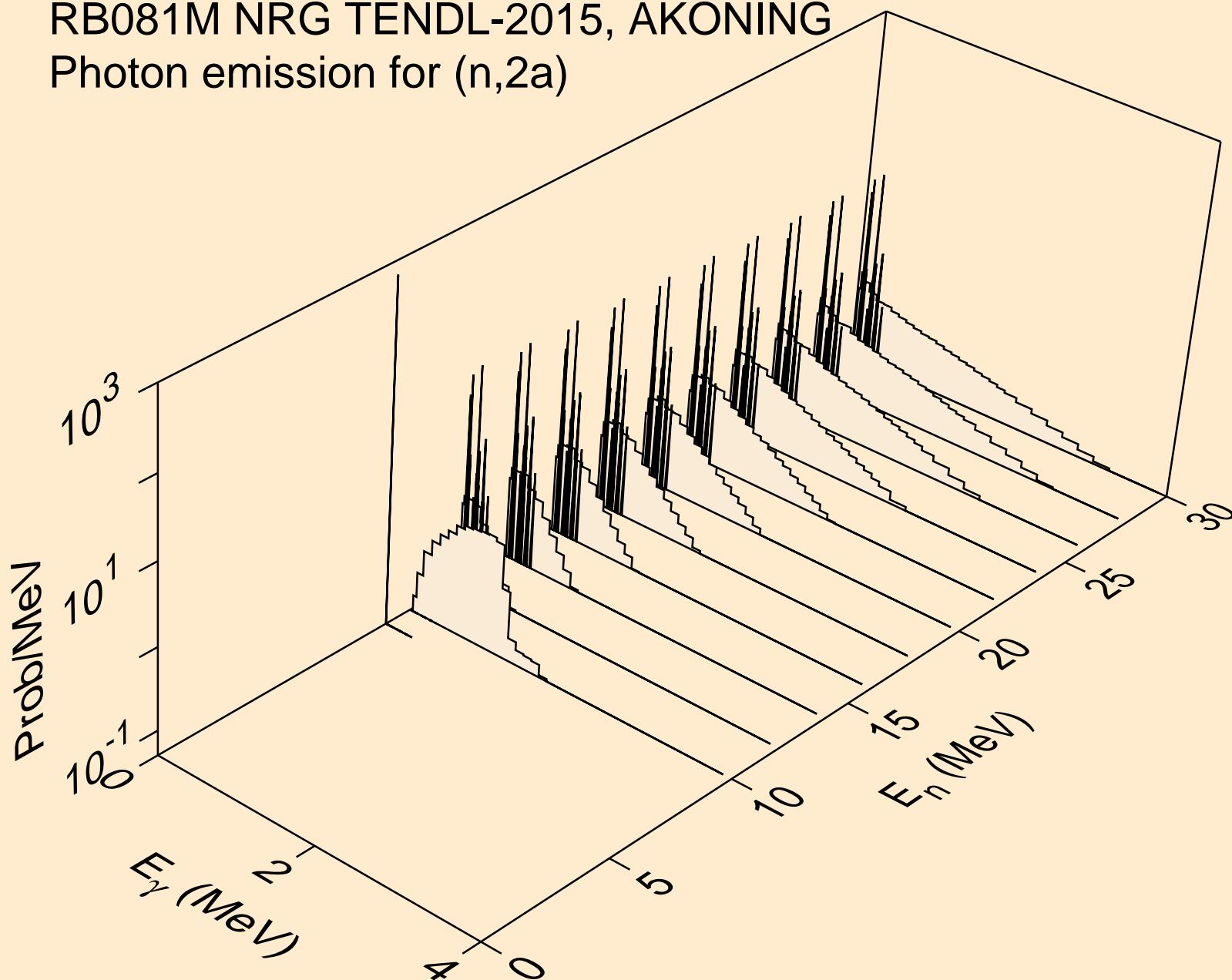


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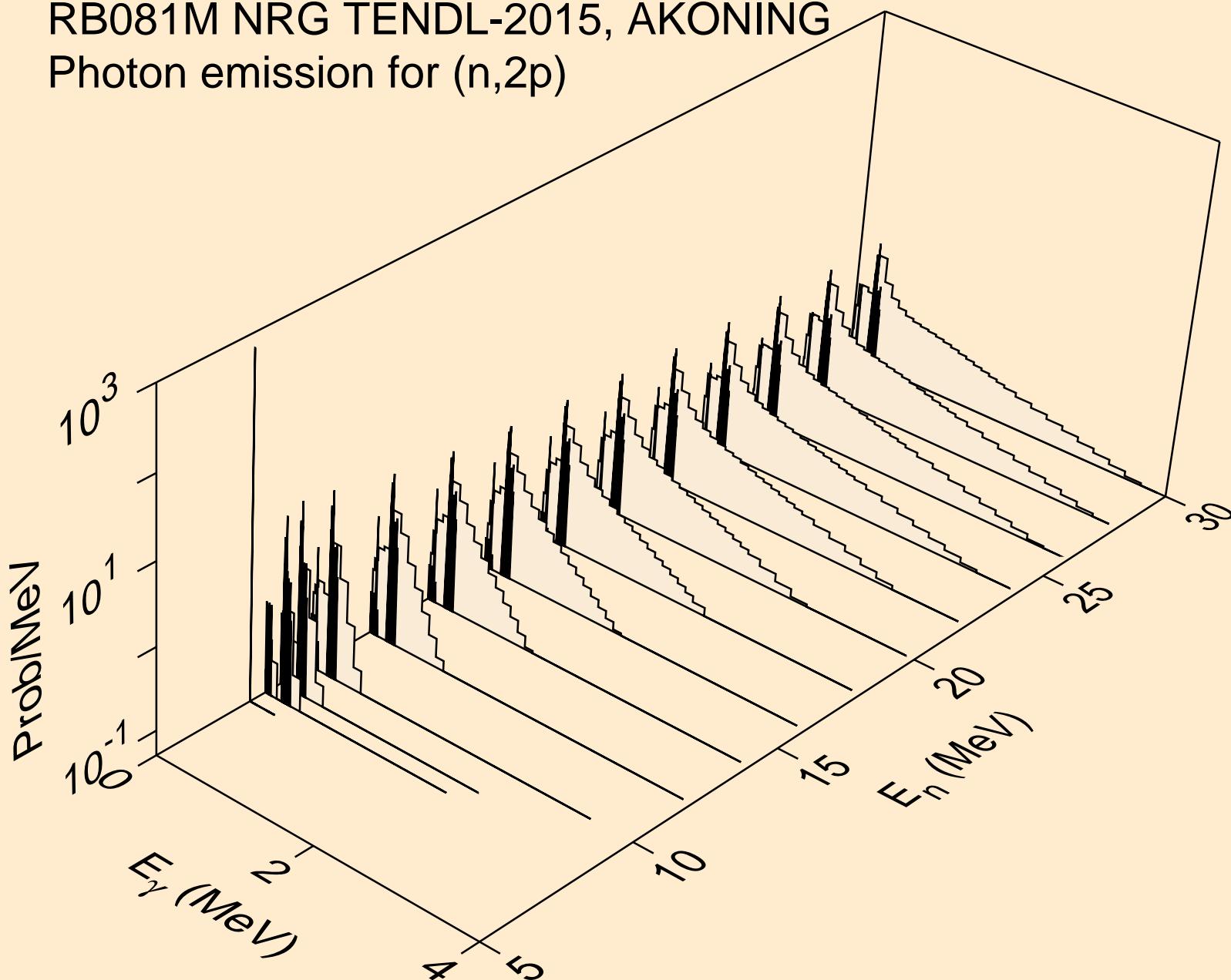
Photon emission for (n,a)



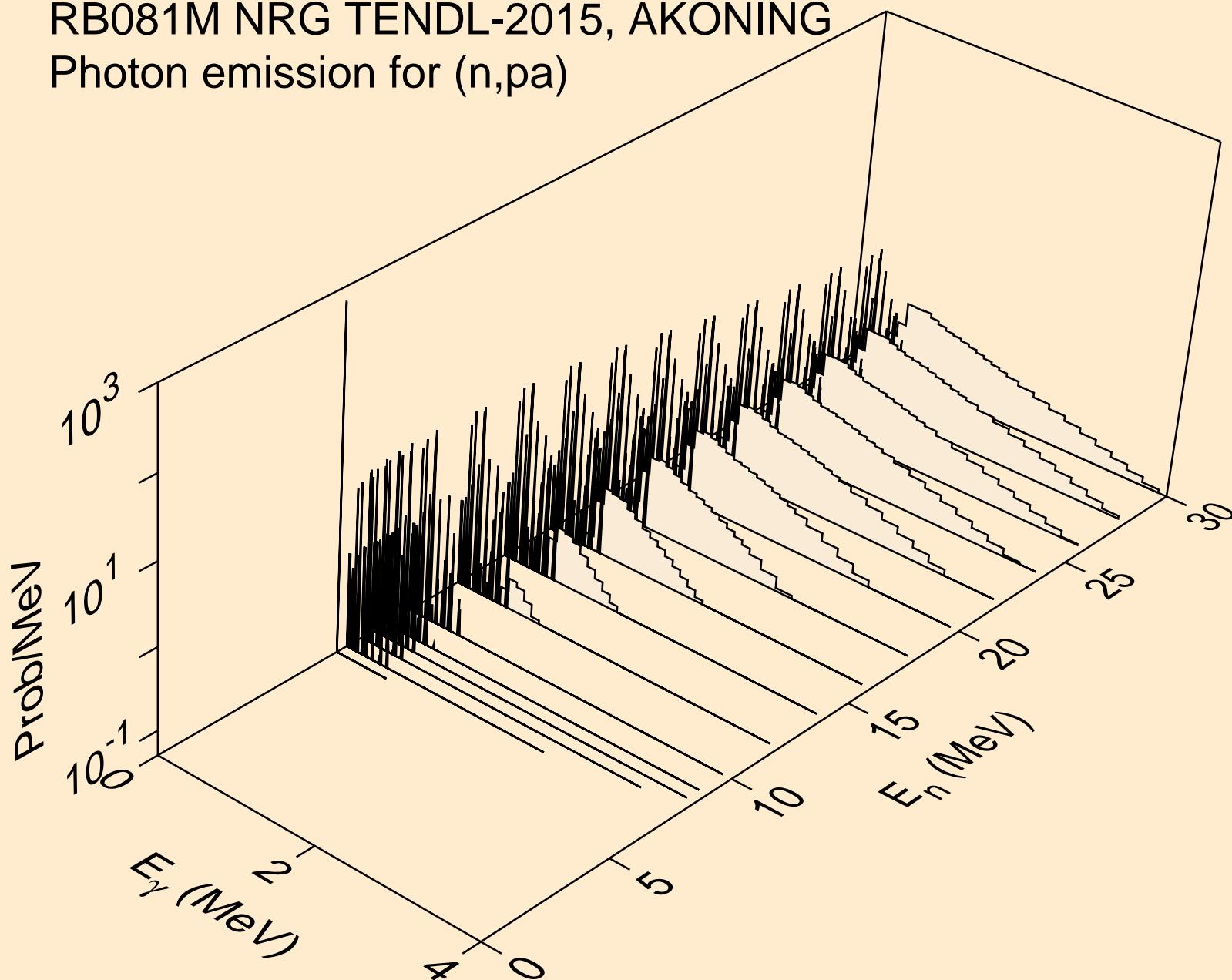
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Photon emission for (n,2a)



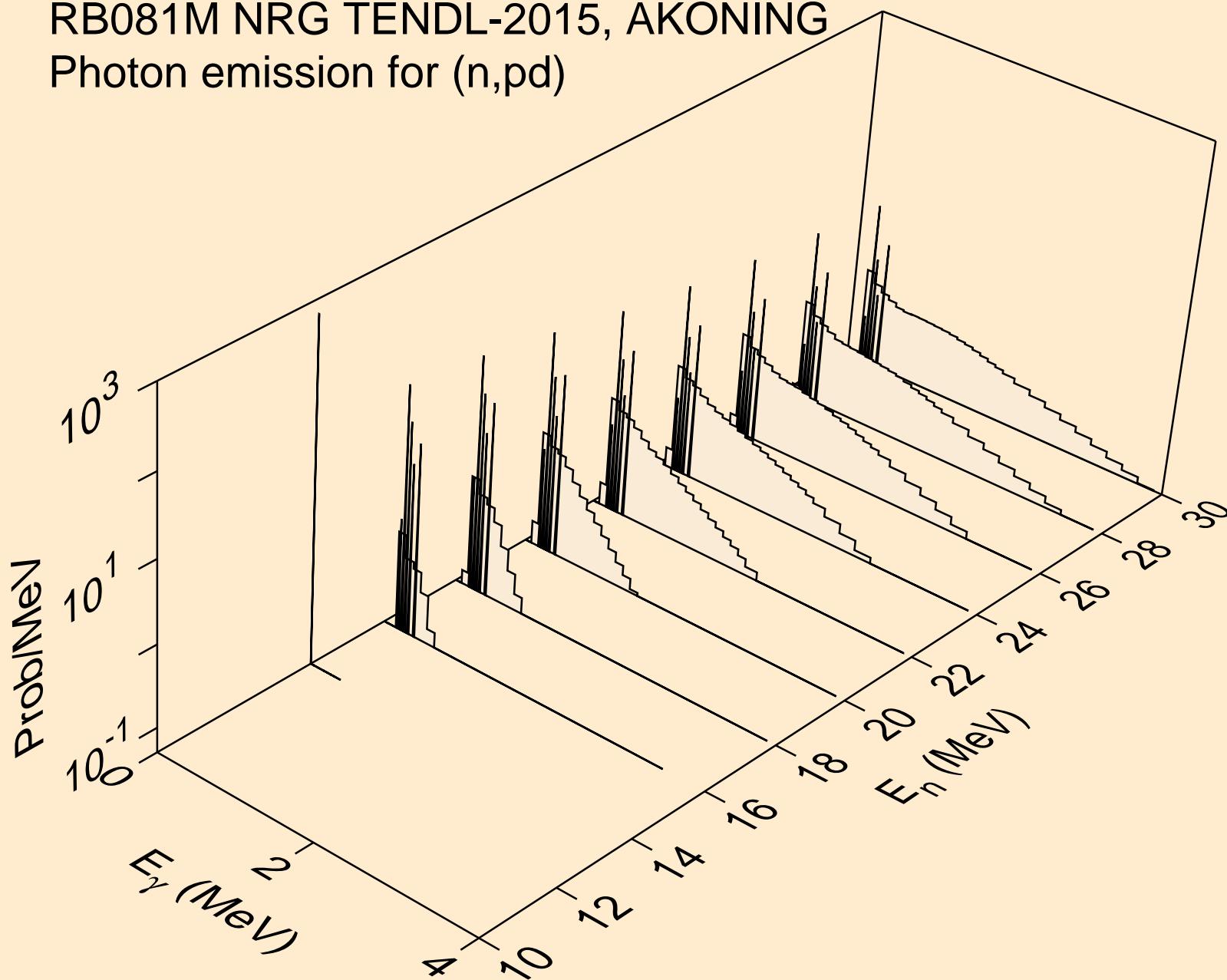
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Photon emission for (n,2p)



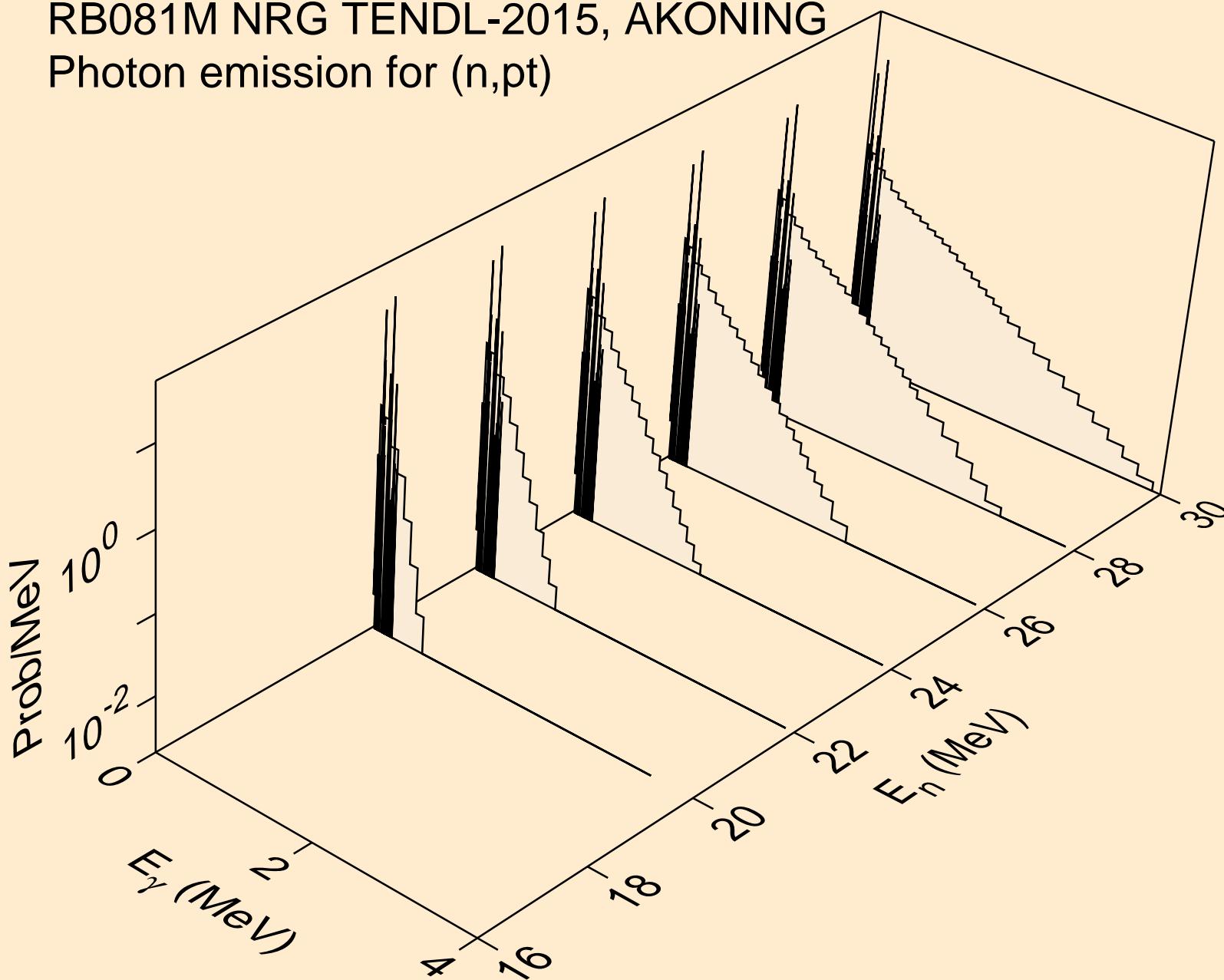
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Photon emission for (n,pa)



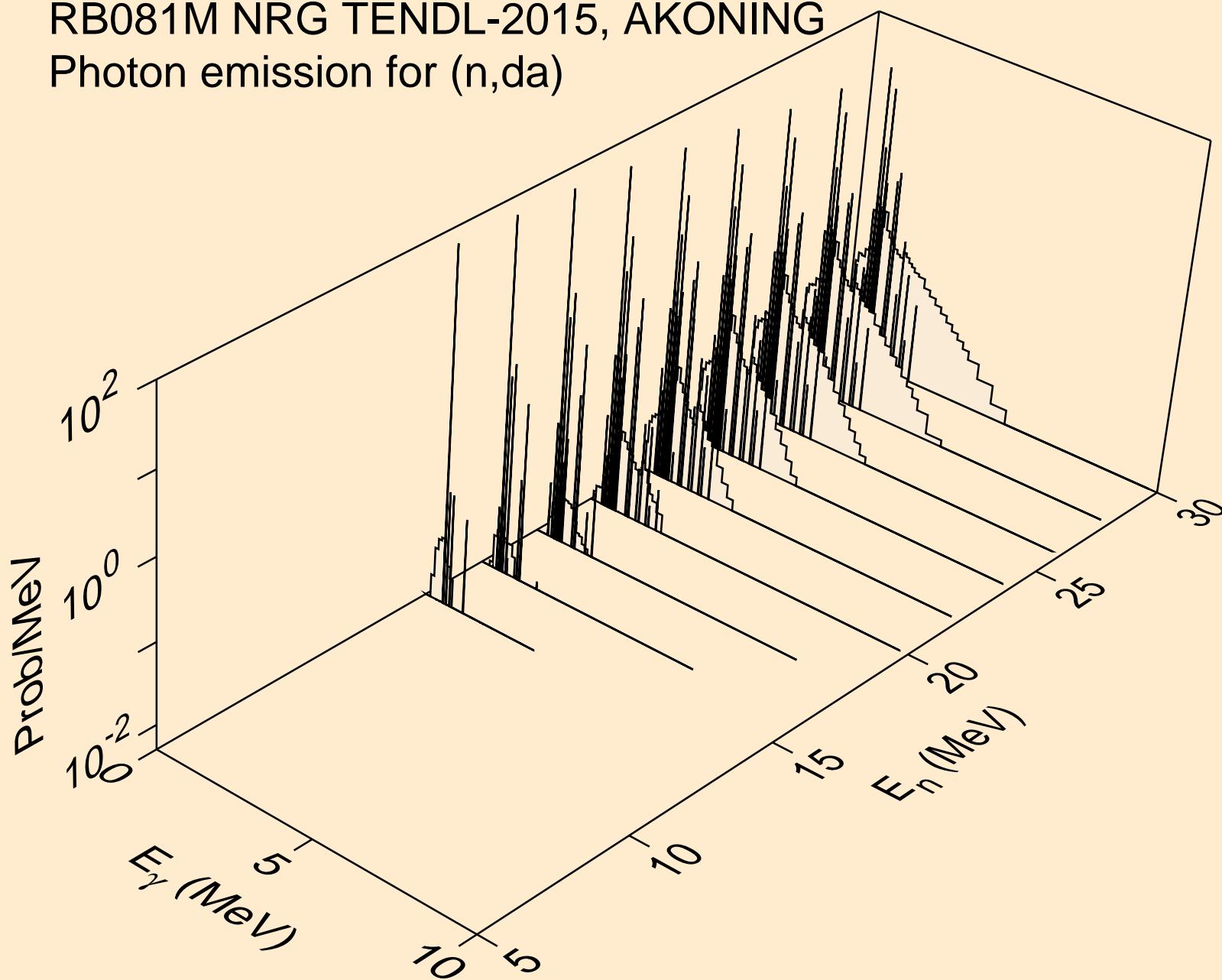
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Photon emission for (n,pd)



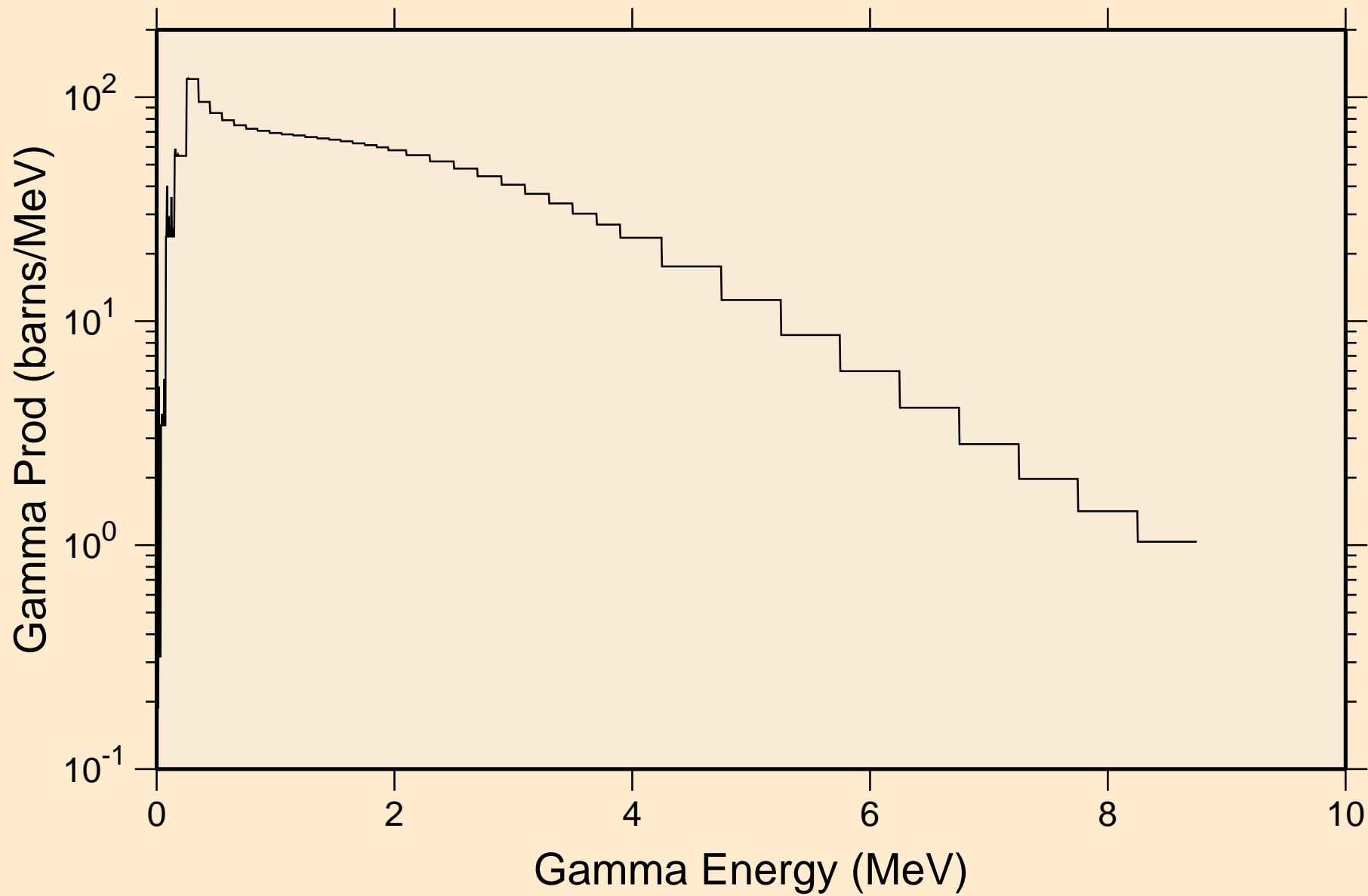
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Photon emission for (n,pt)



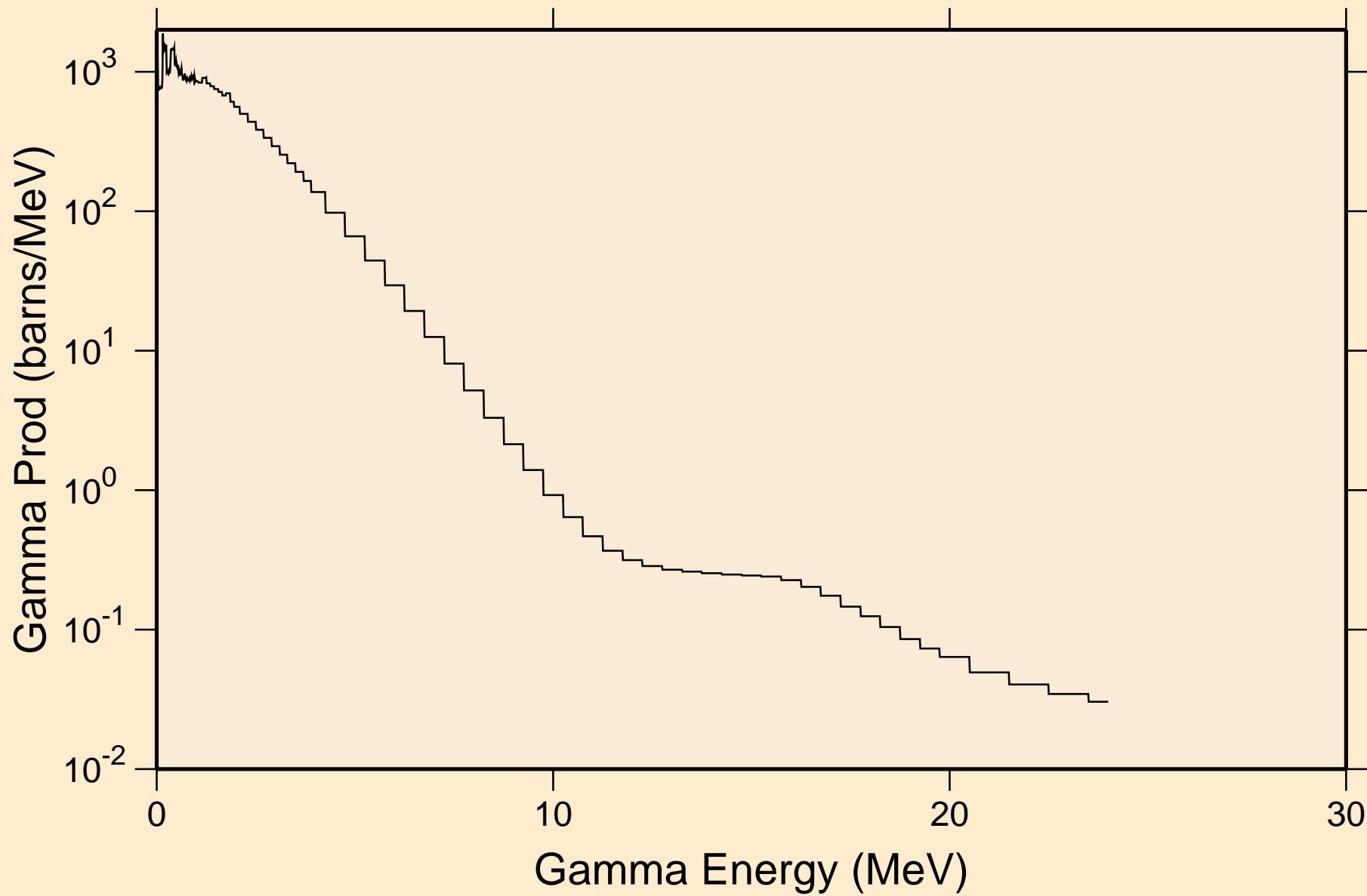
RB081M NRG TENDL-2015, AKONING  
Photon emission for (n,da)



RB081M NRG TENDL-2015, AKONING  
thermal capture photon spectrum

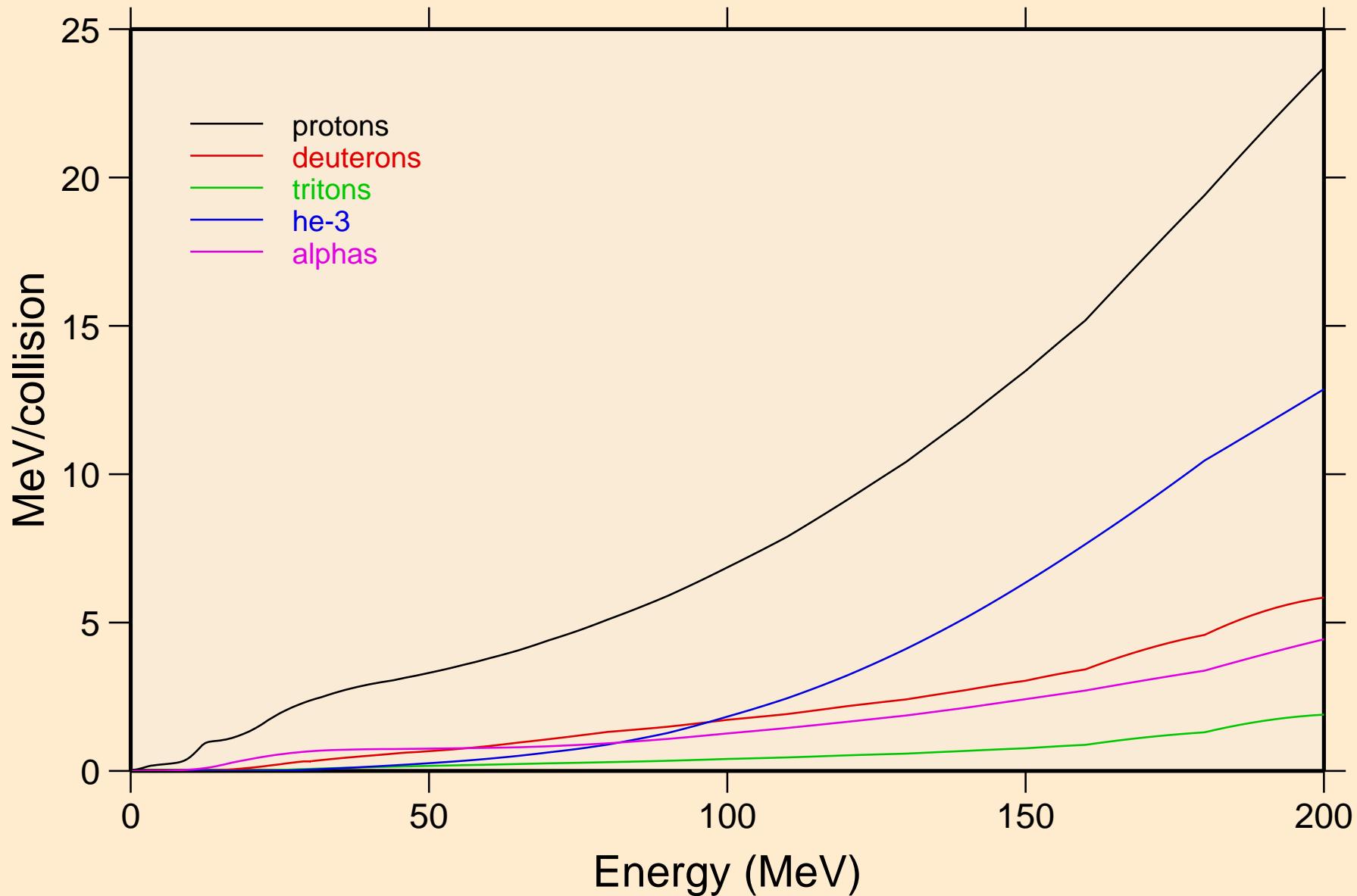


RB081M NRG TENDL-2015, AKONING  
14 MeV photon spectrum



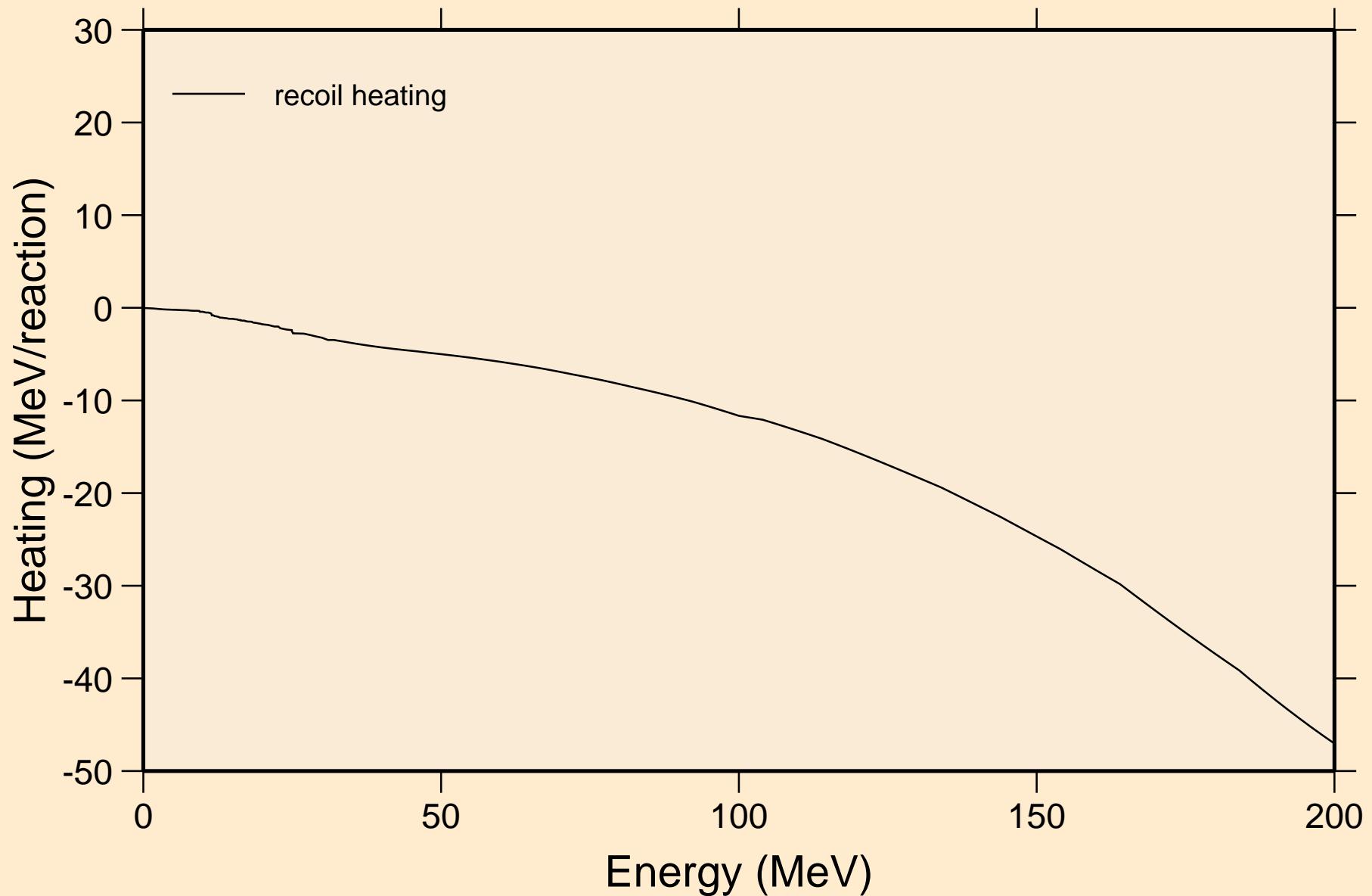
# RB081M NRG TENDL-2015, AKONING

## Particle heating contributions



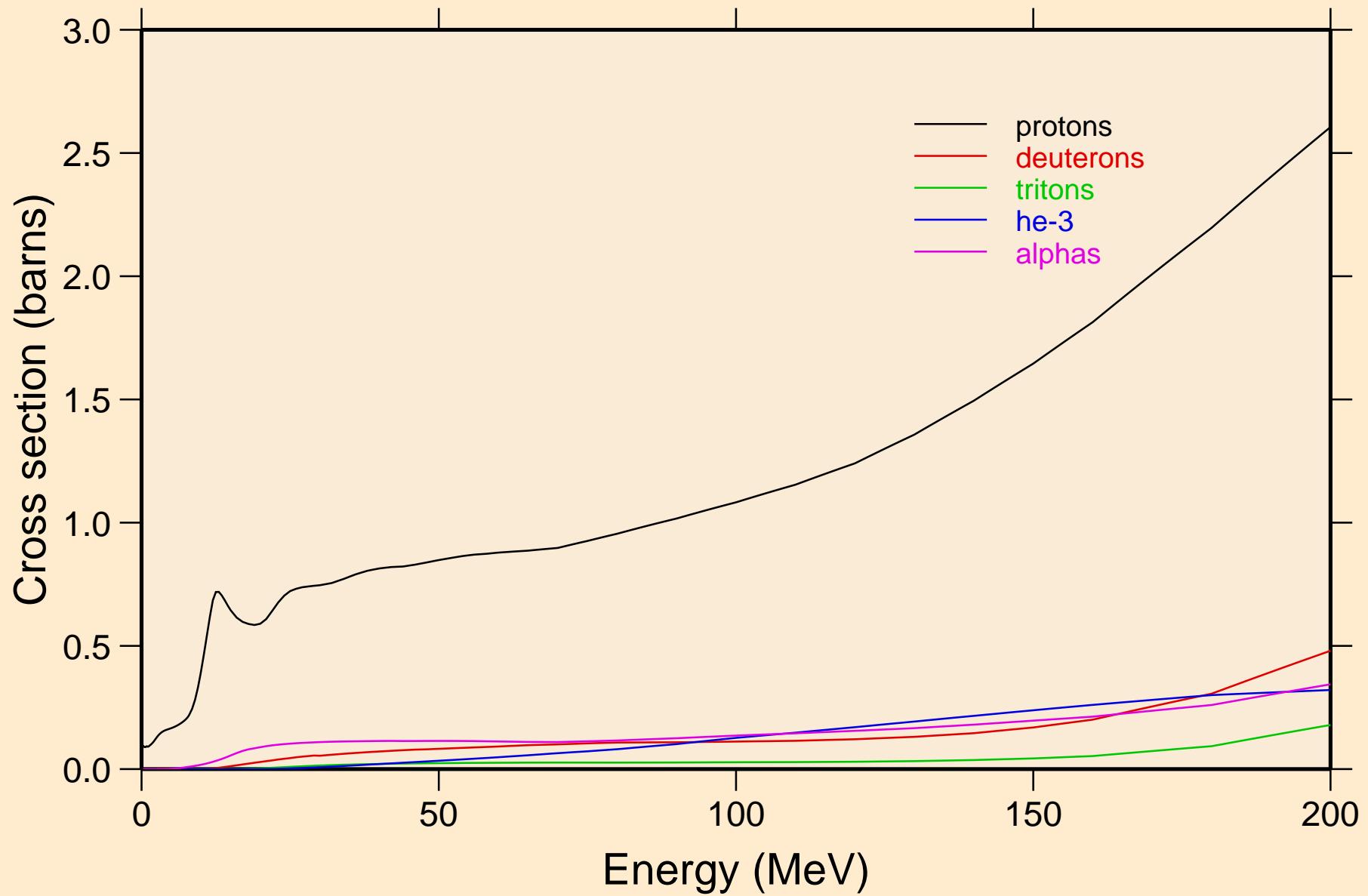
# RB081M NRG TENDL-2015, AKONING

## Recoil Heating

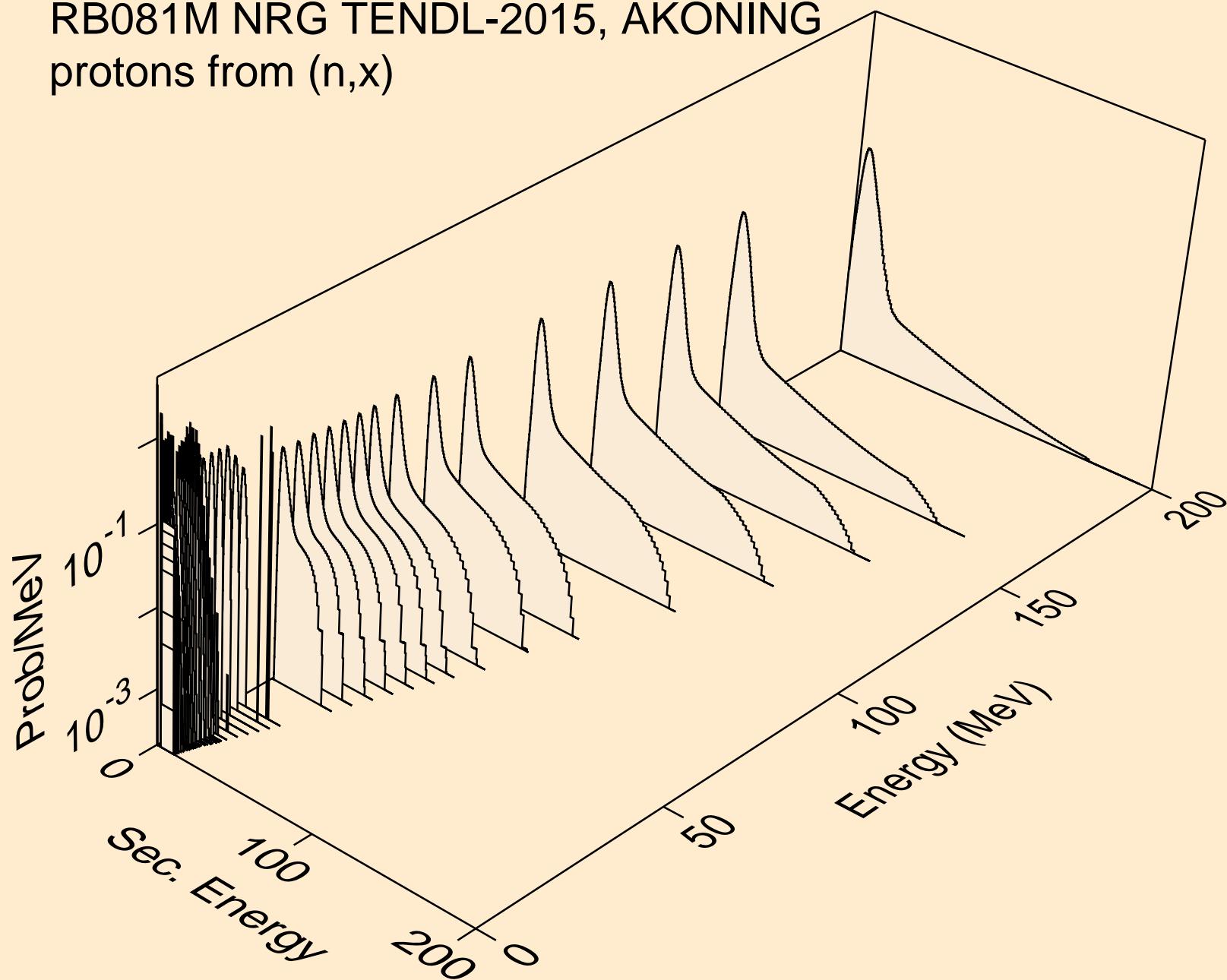


# RB081M NRG TENDL-2015, AKONING

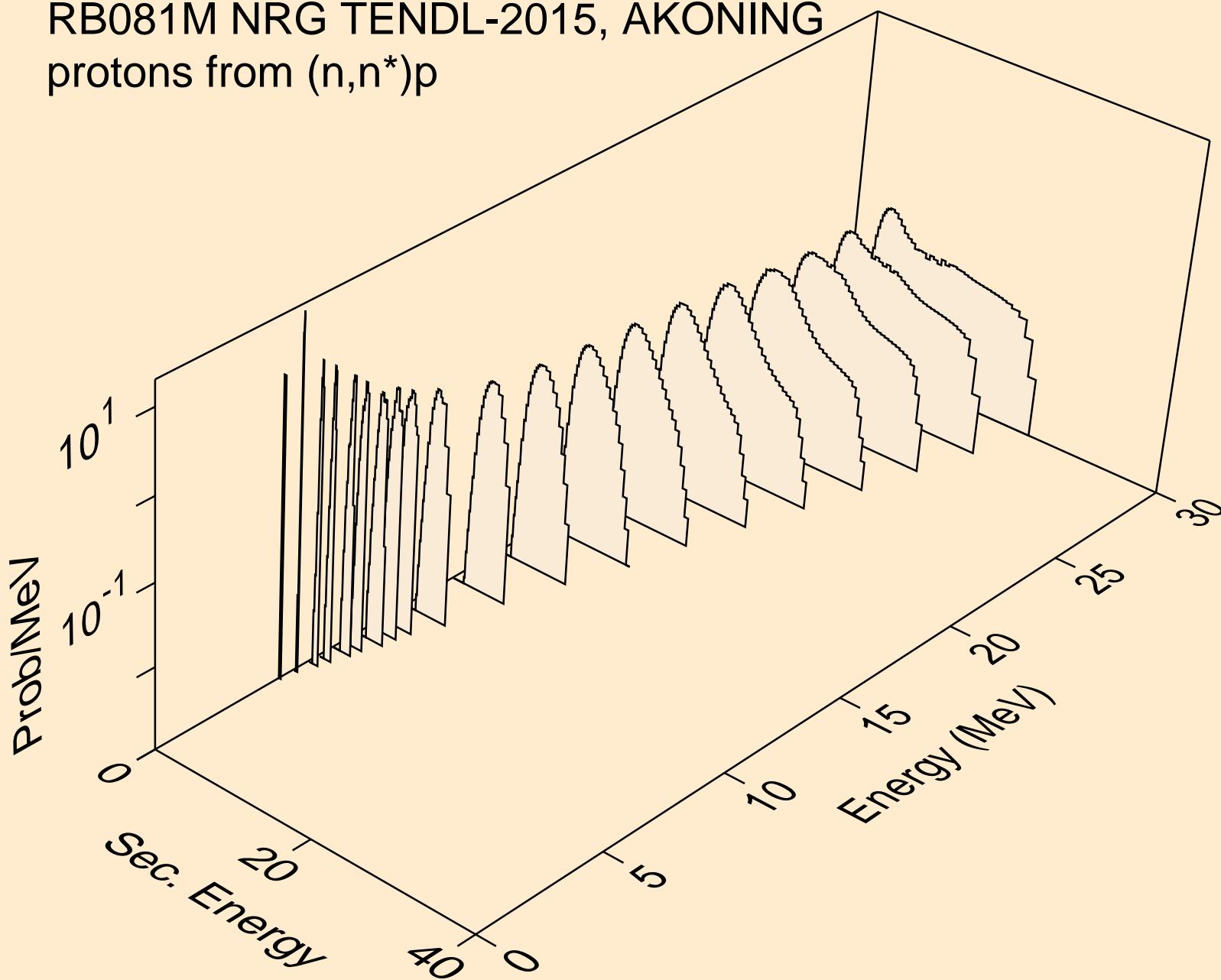
## Particle production cross sections



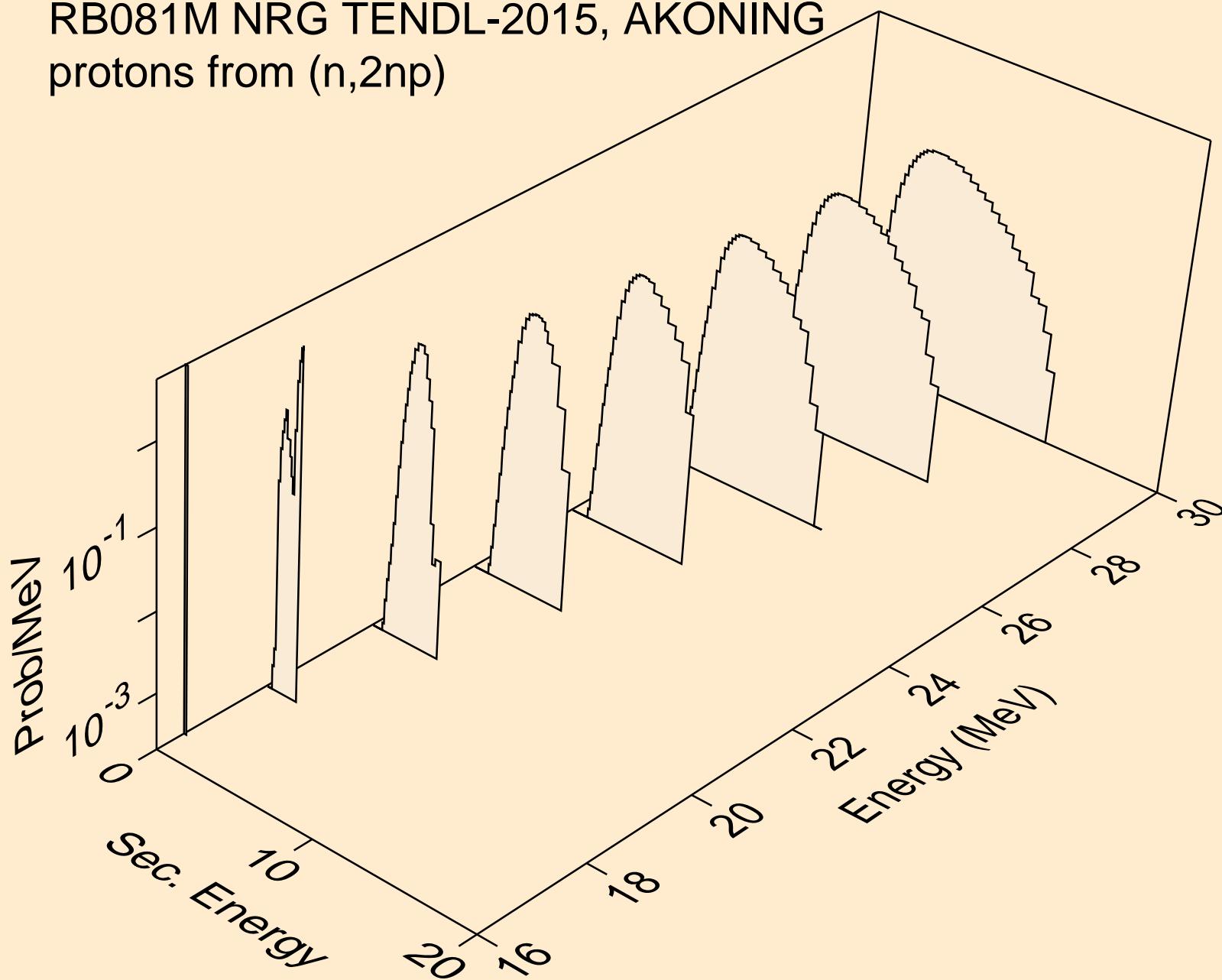
RB081M NRG TENDL-2015, AKONING  
protons from ( $n,x$ )



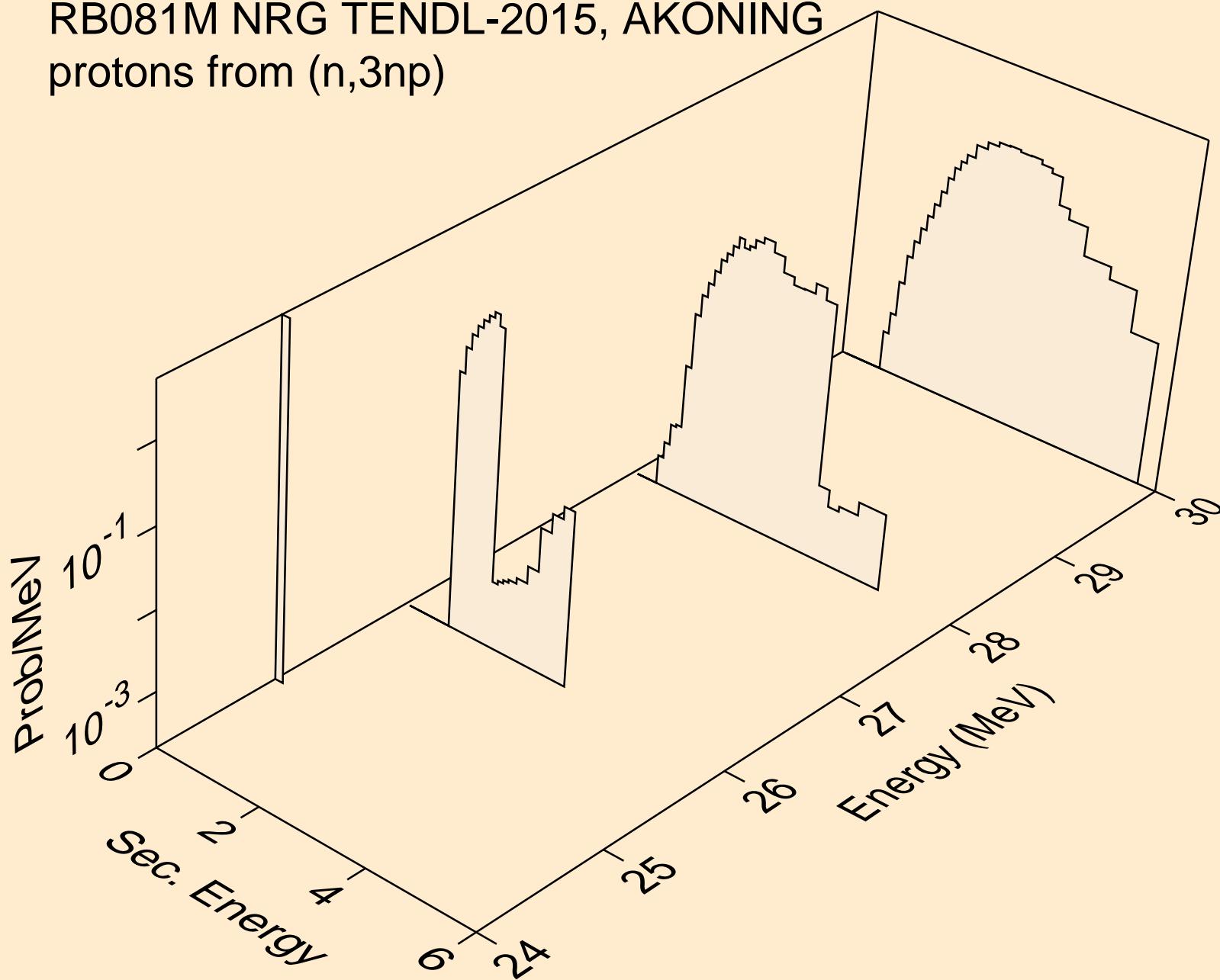
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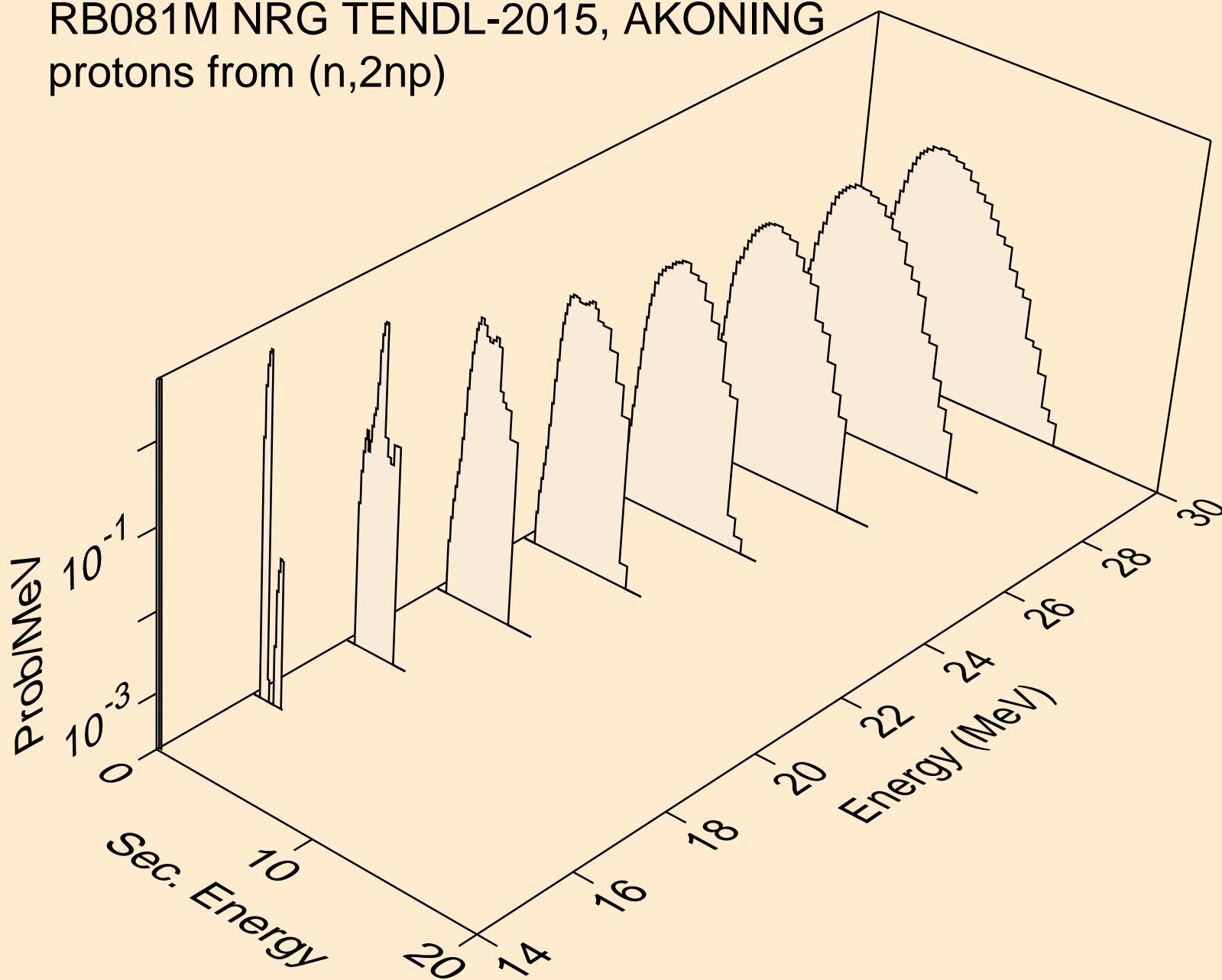
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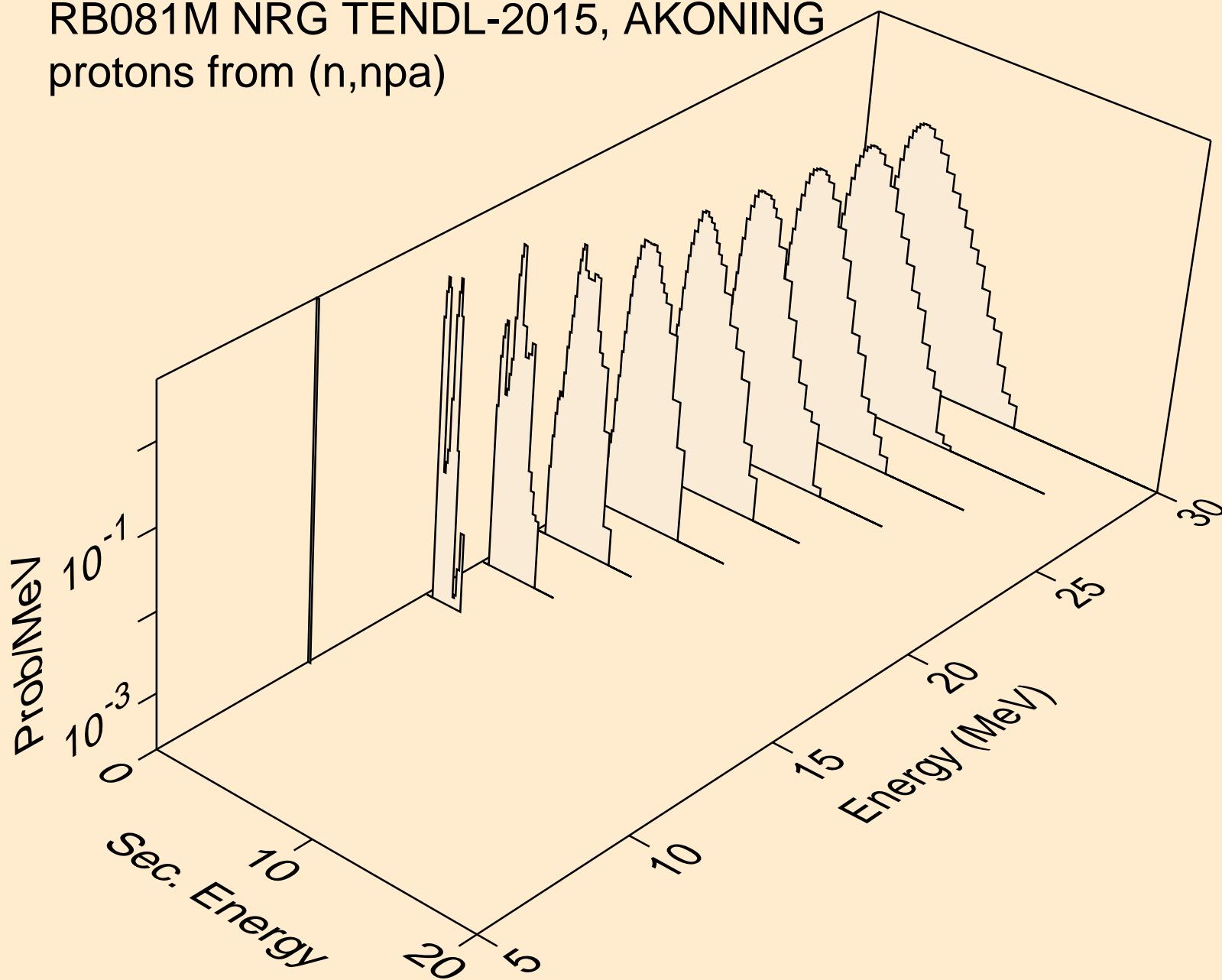
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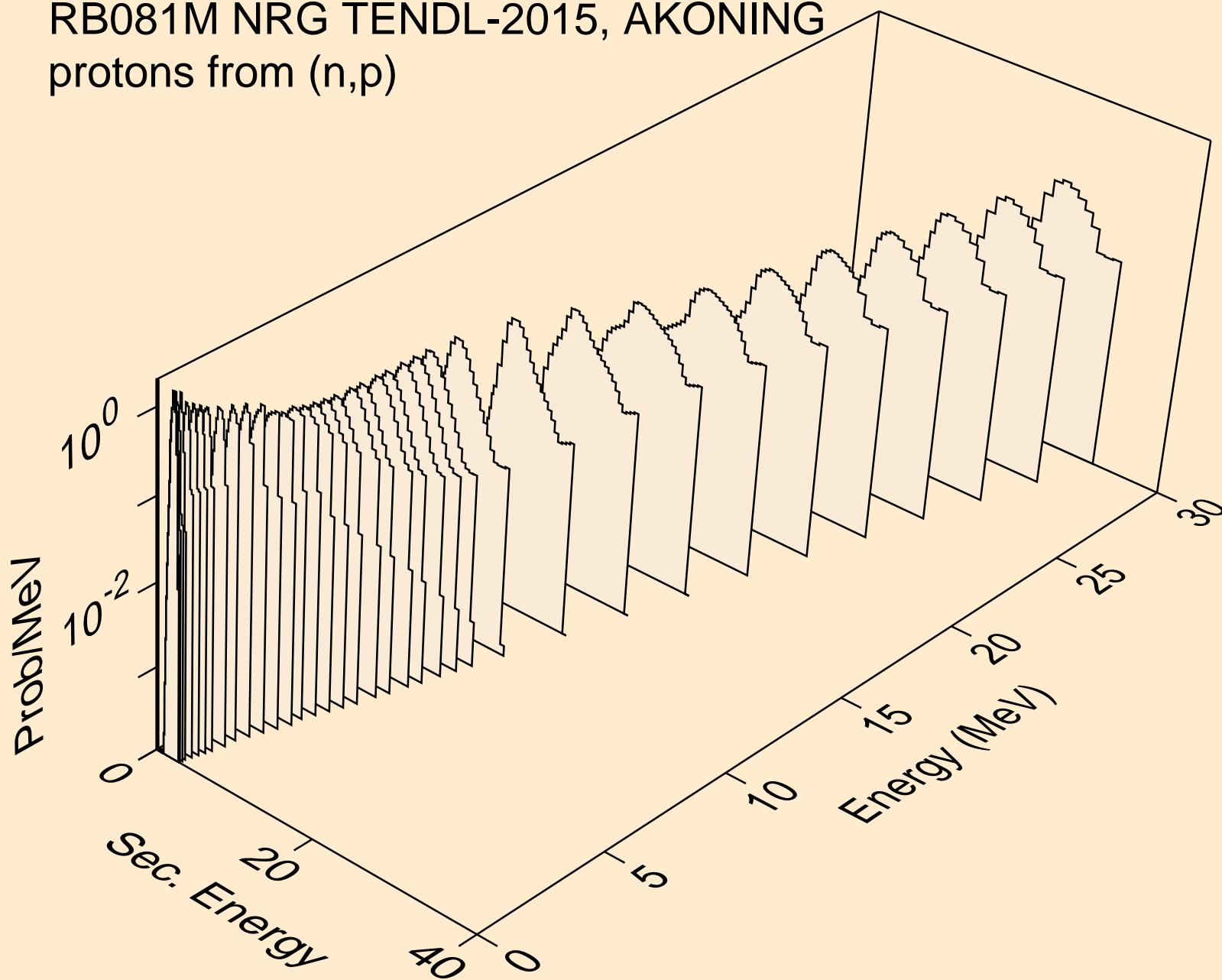
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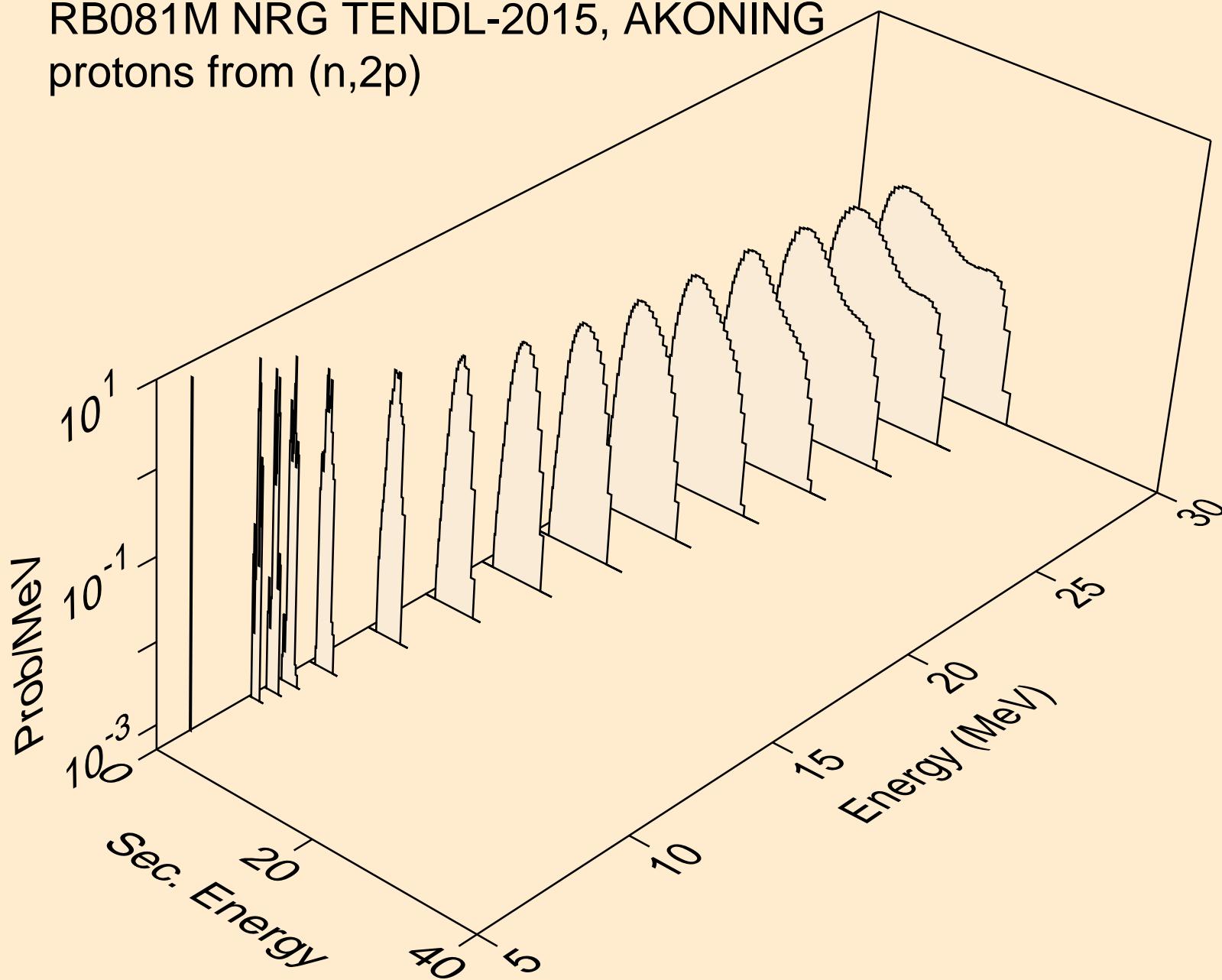
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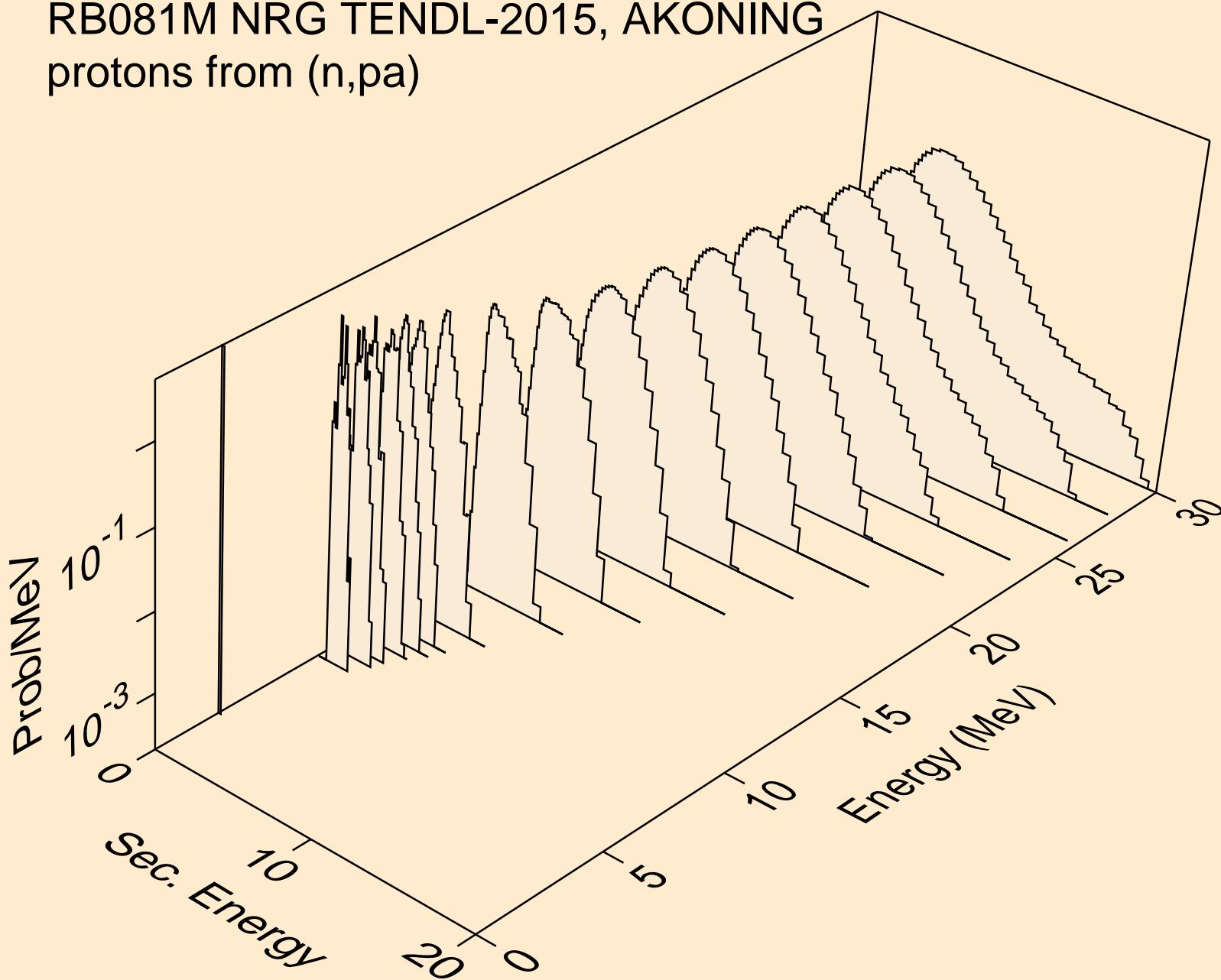
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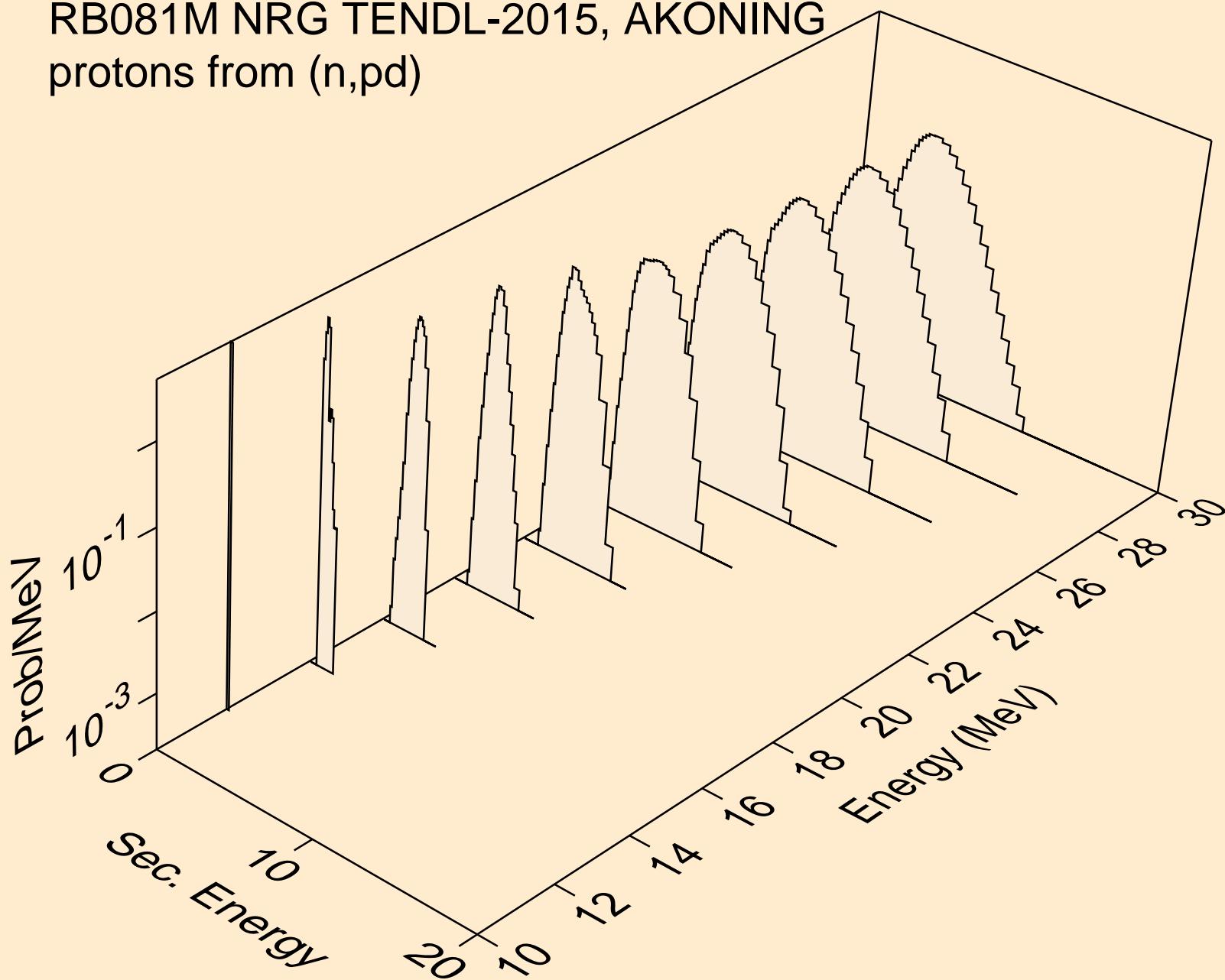
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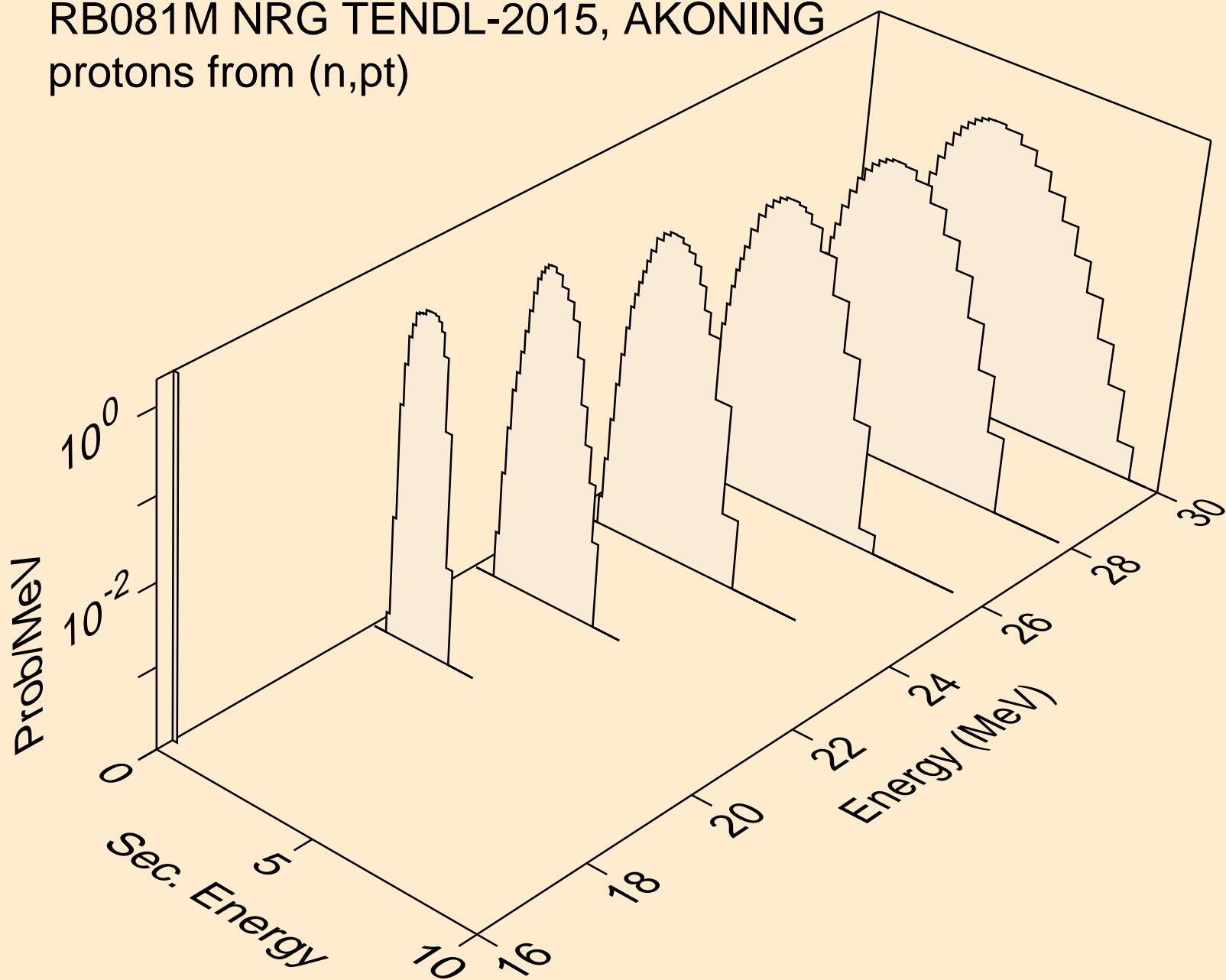
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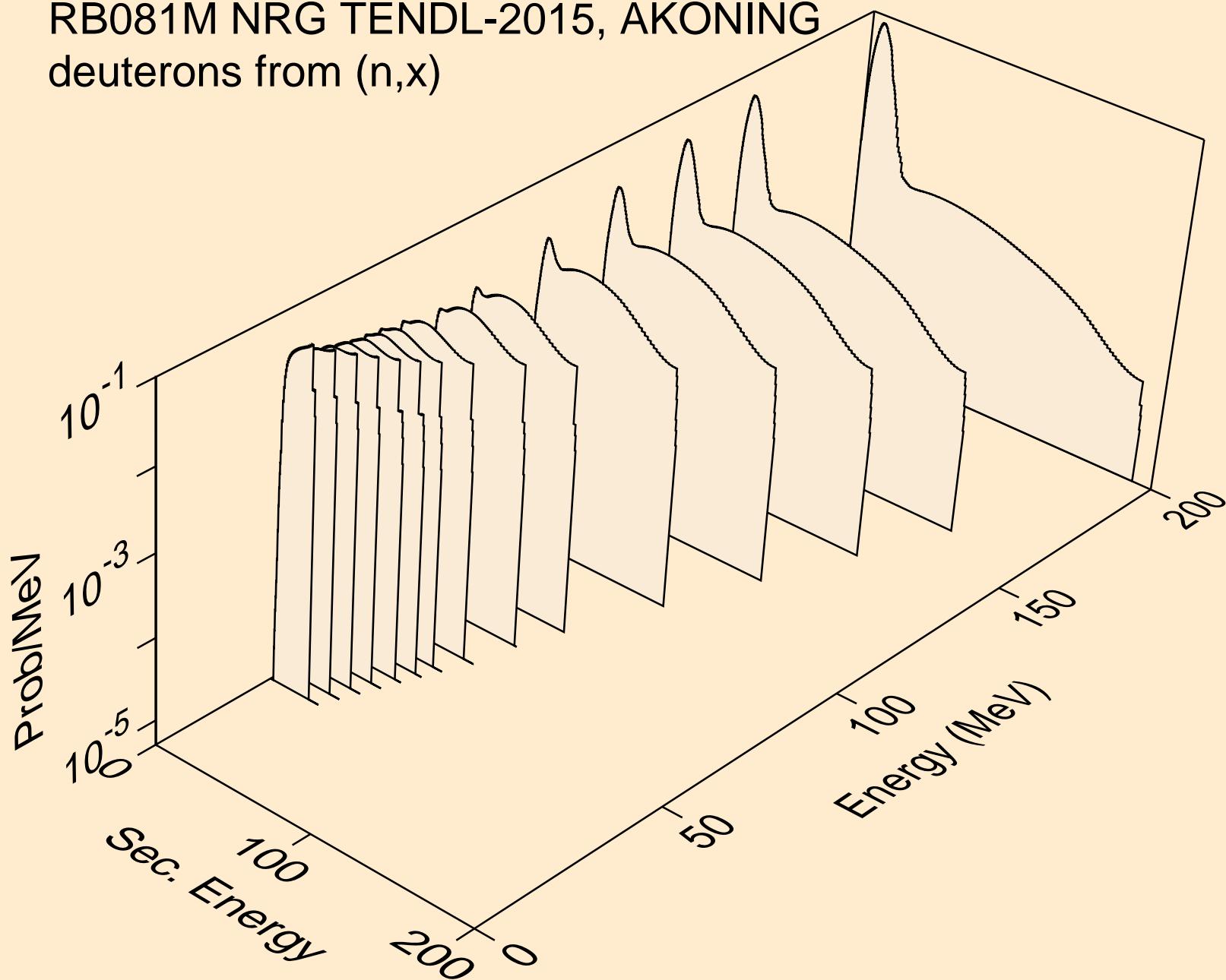
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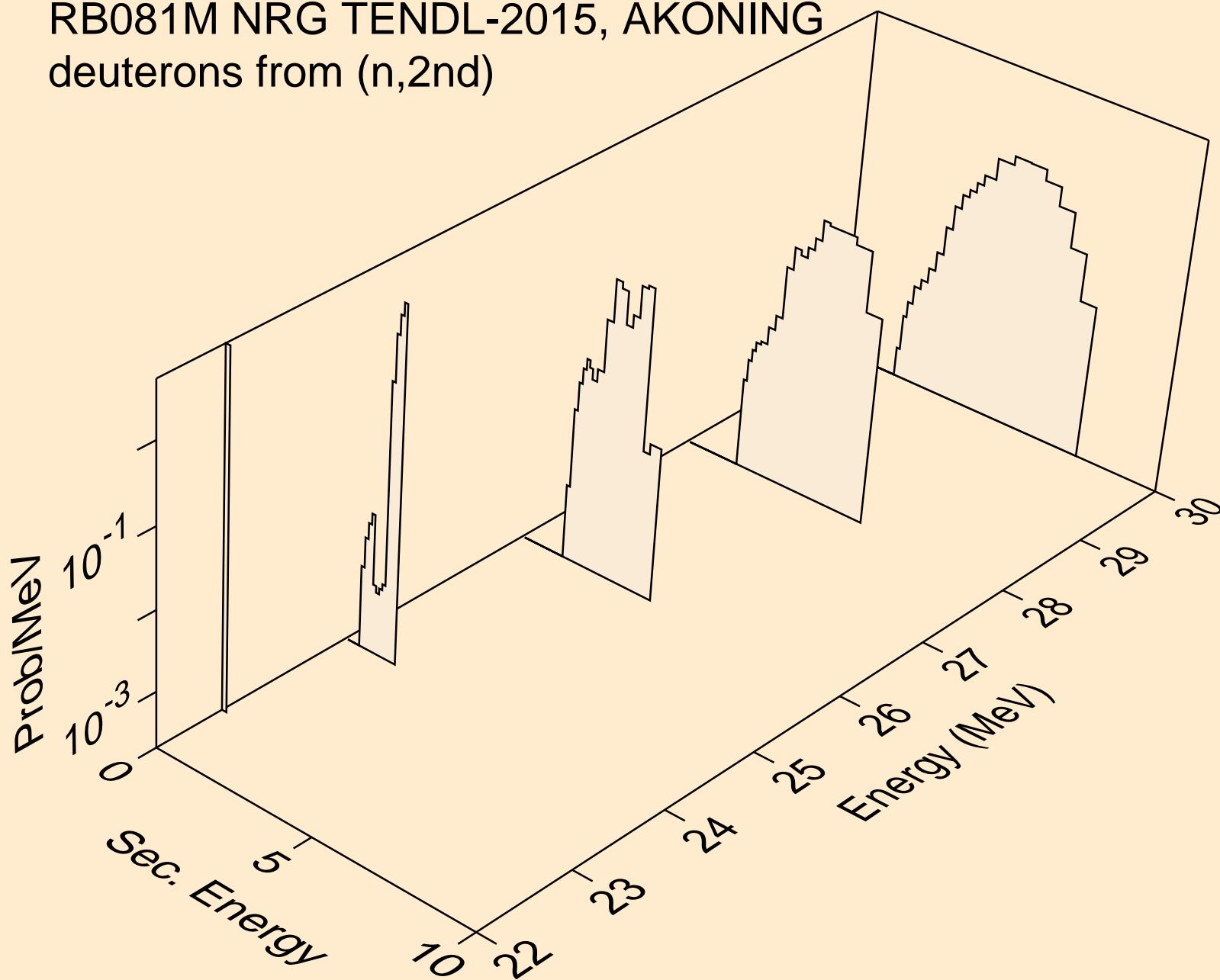
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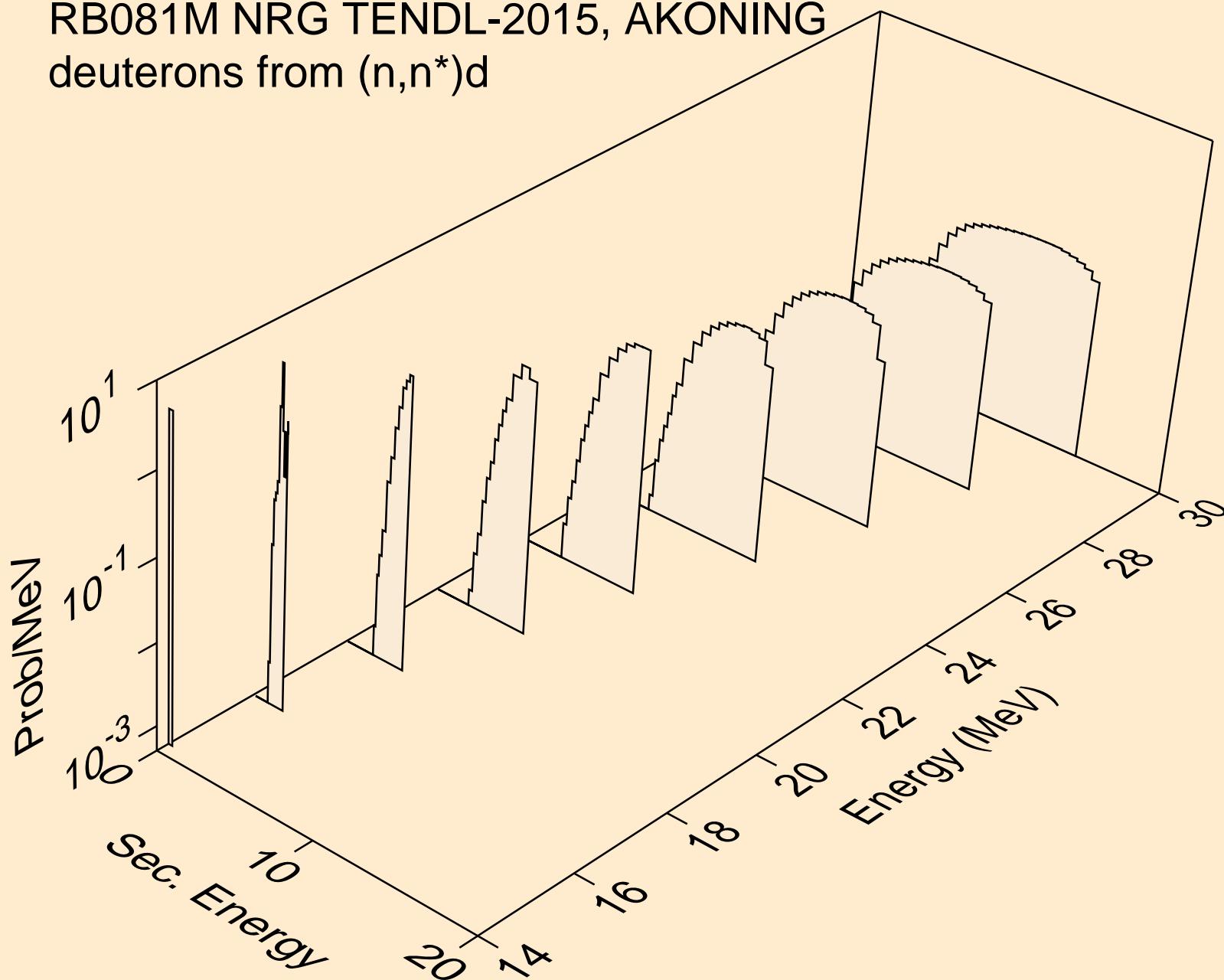
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deuterons from ( $n, x$ )



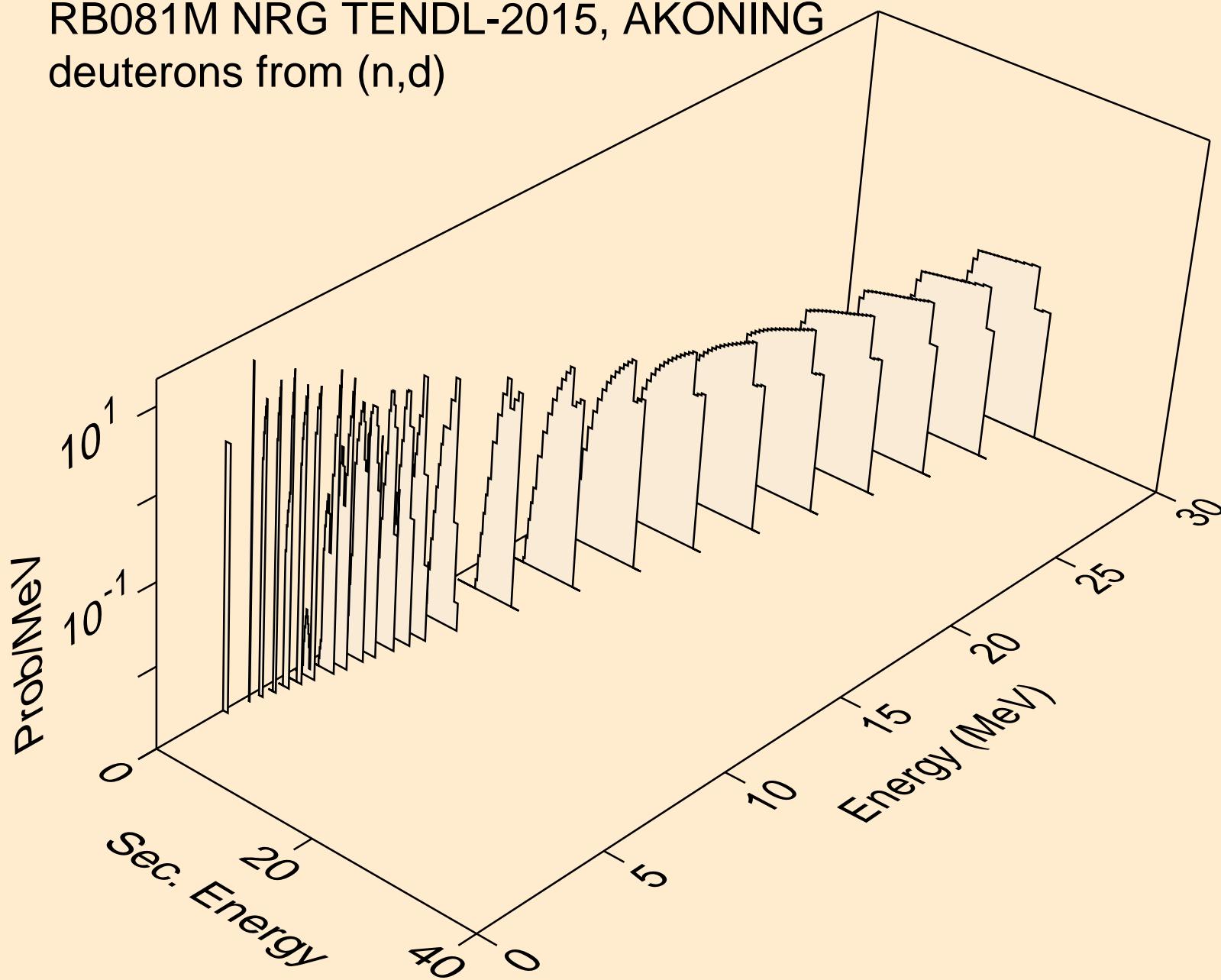
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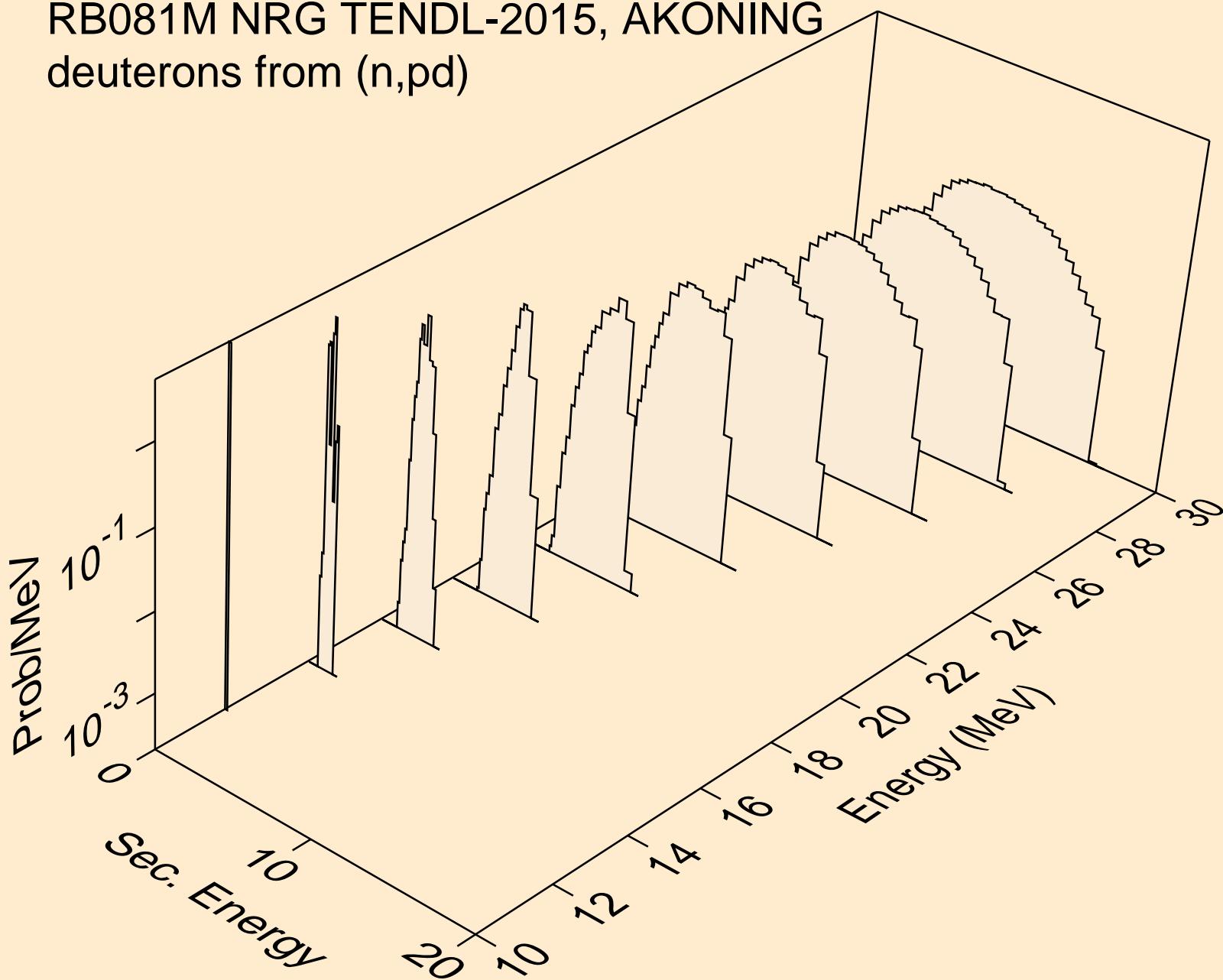
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deuterons from  $(n,n^*)d$



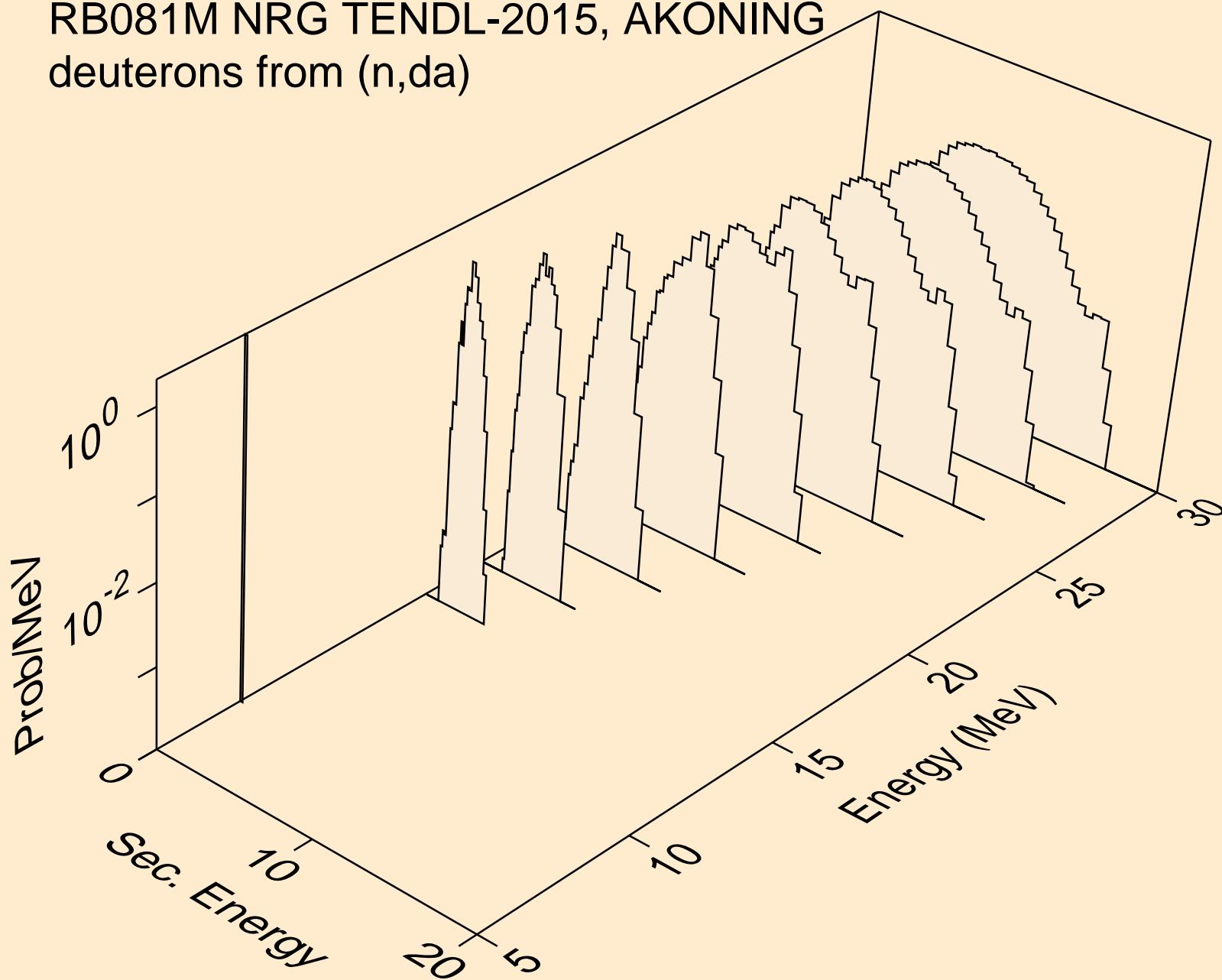
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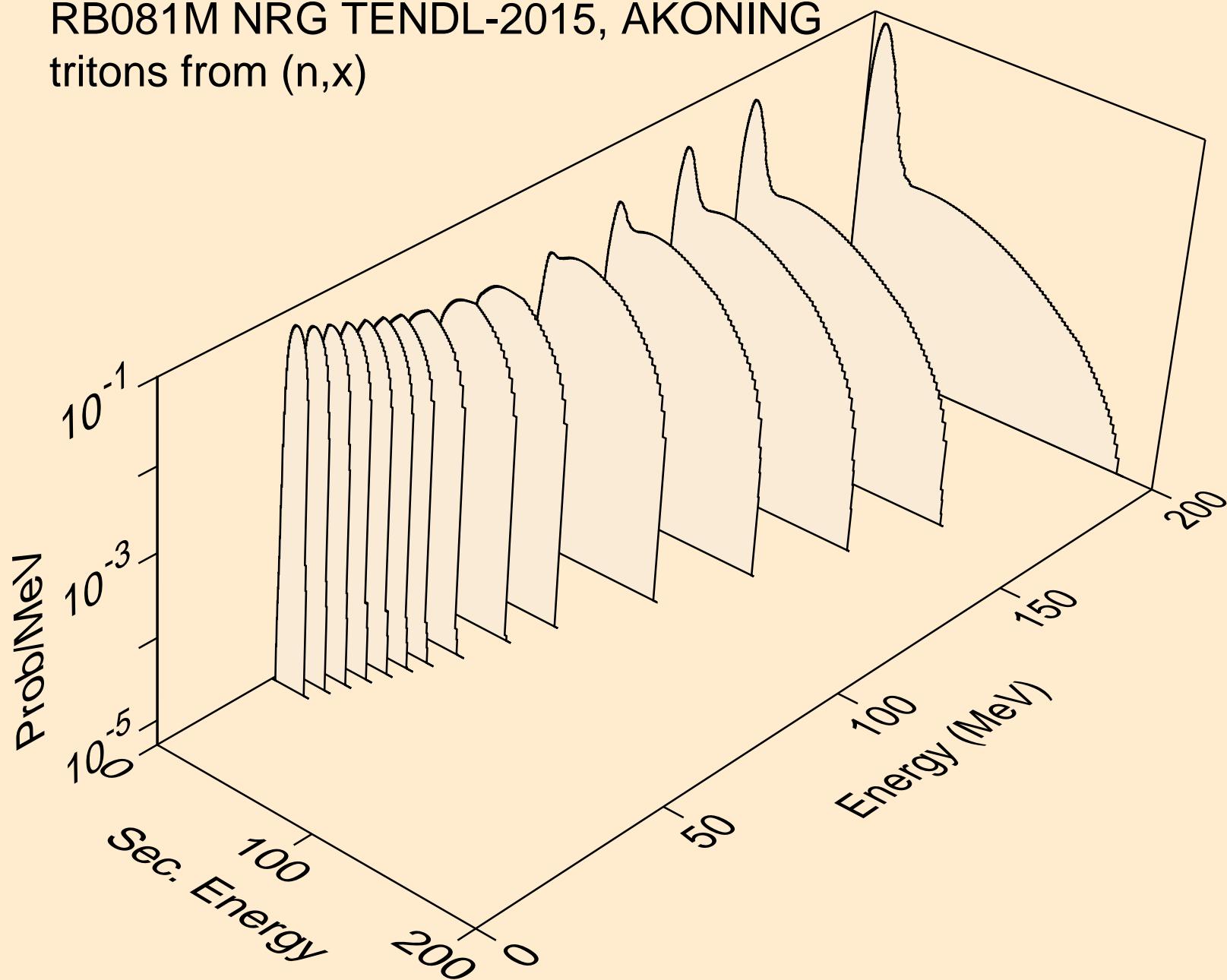
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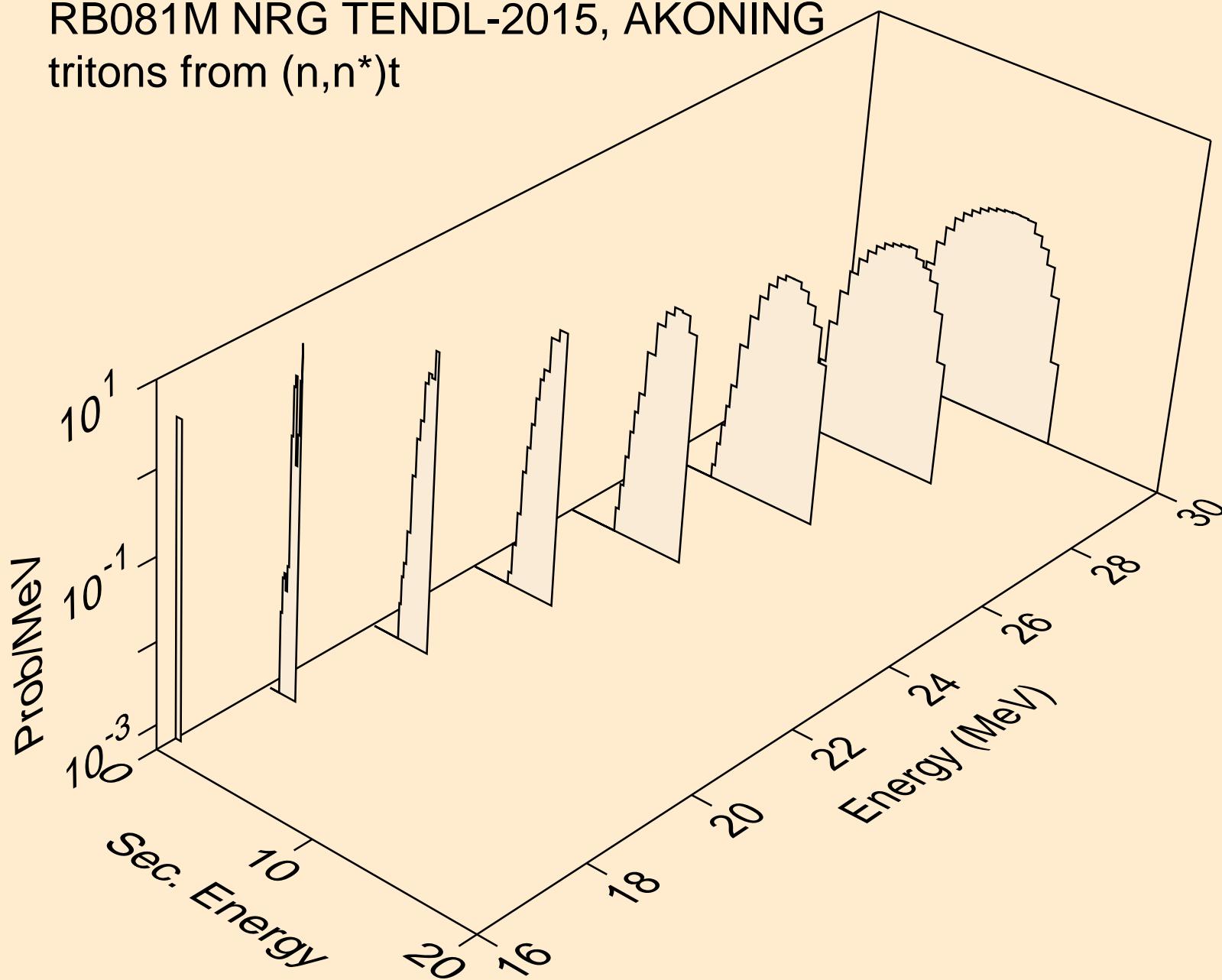
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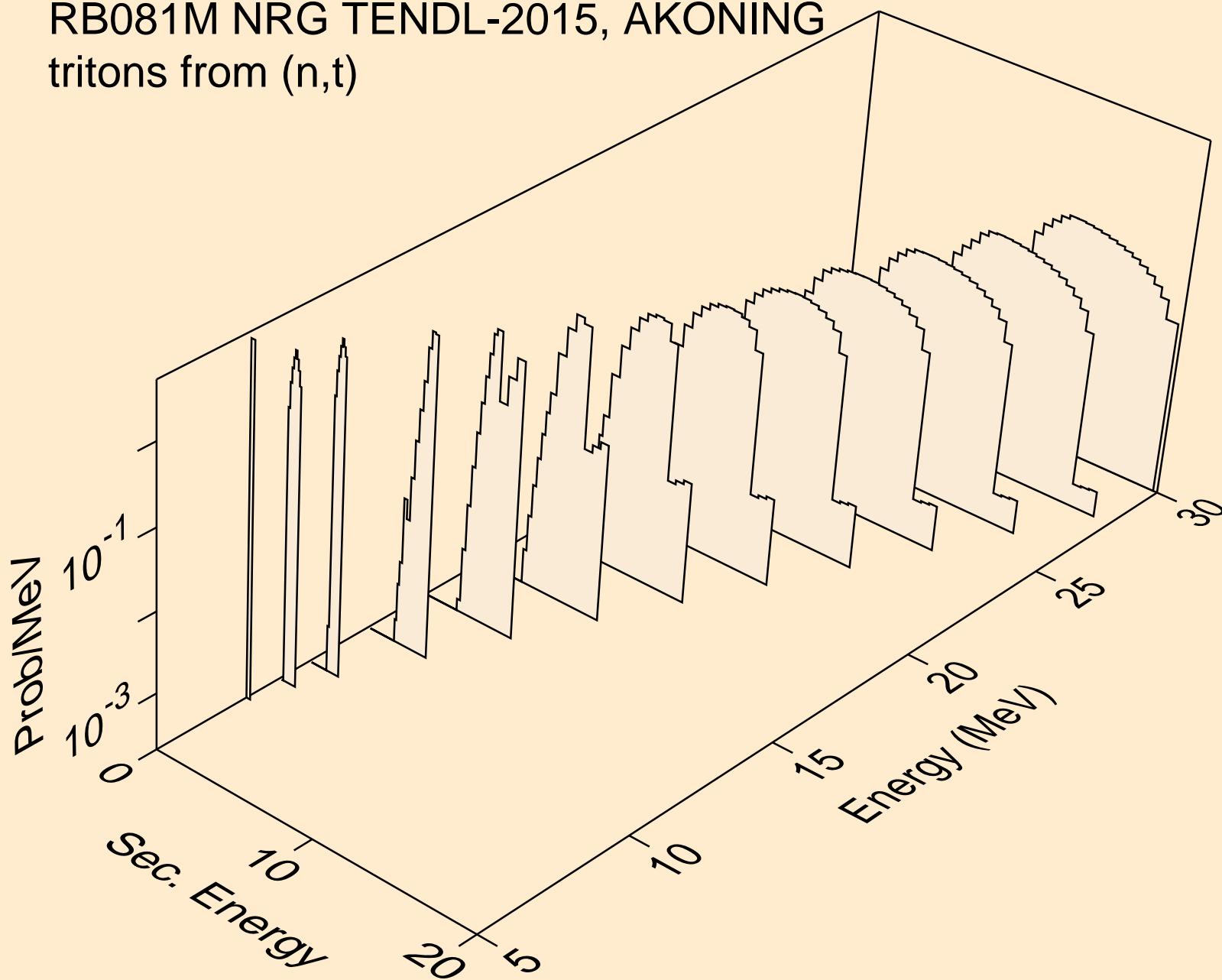
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tritons from ( $n,x$ )



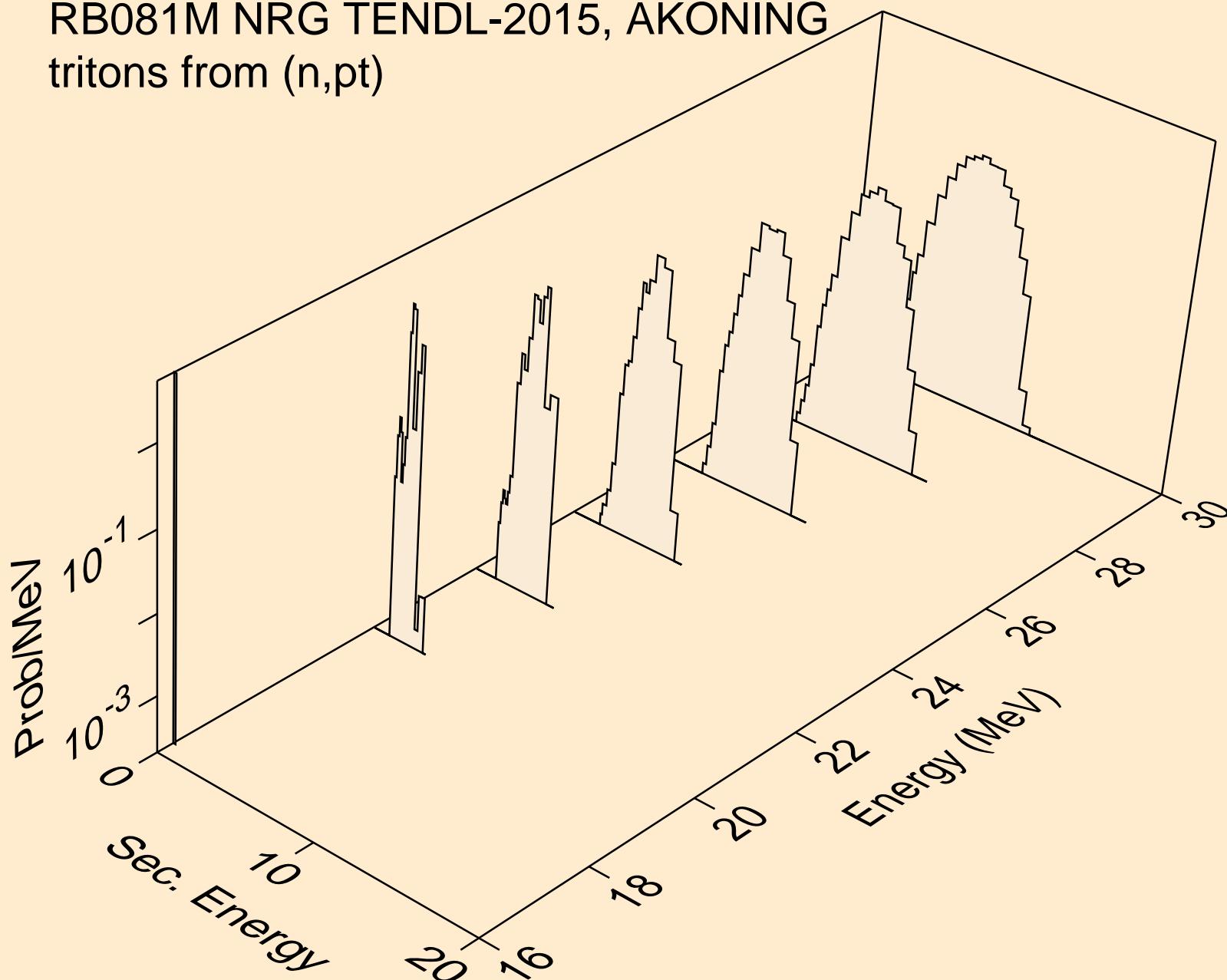
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tritons from  $(n,n^*)t$



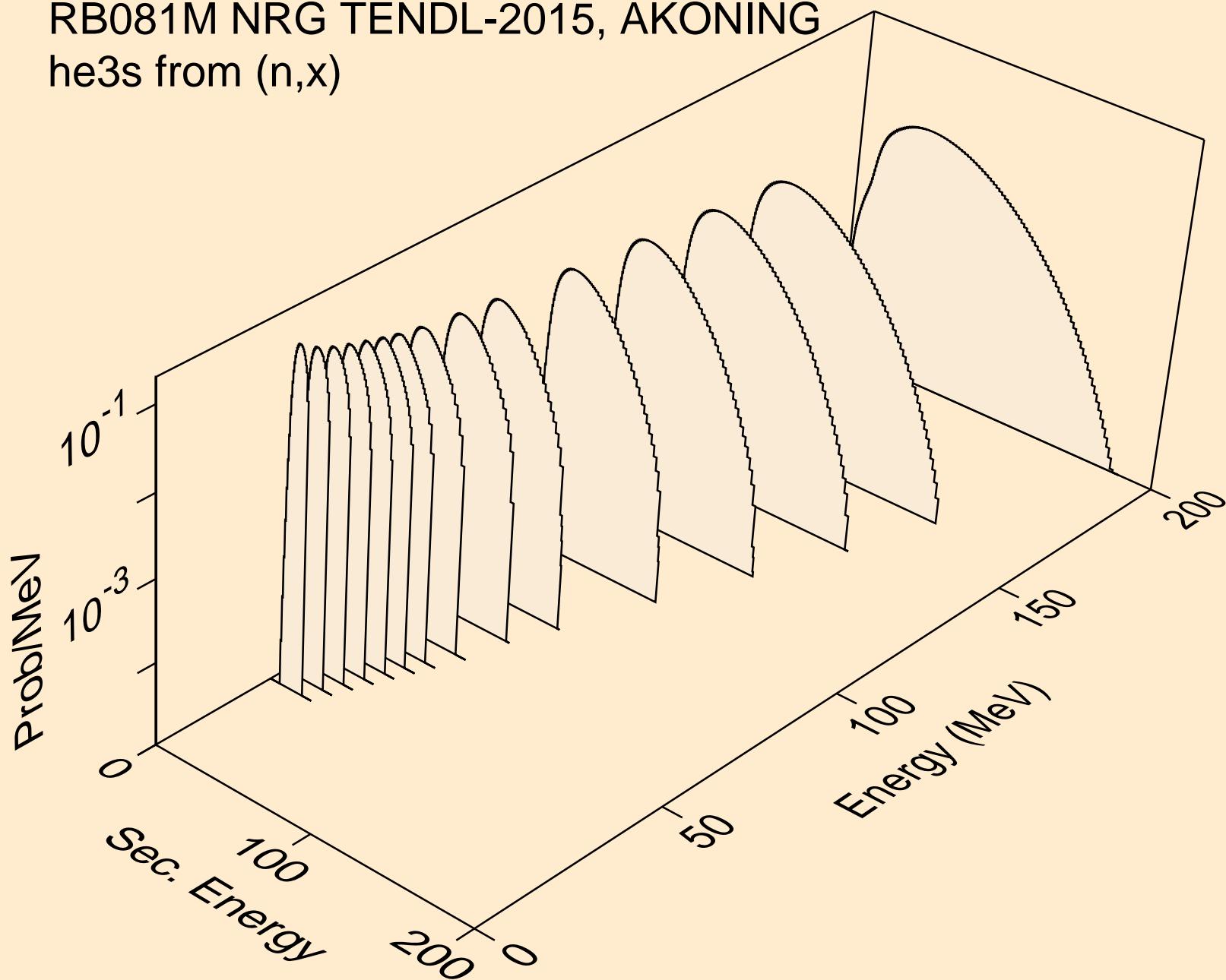
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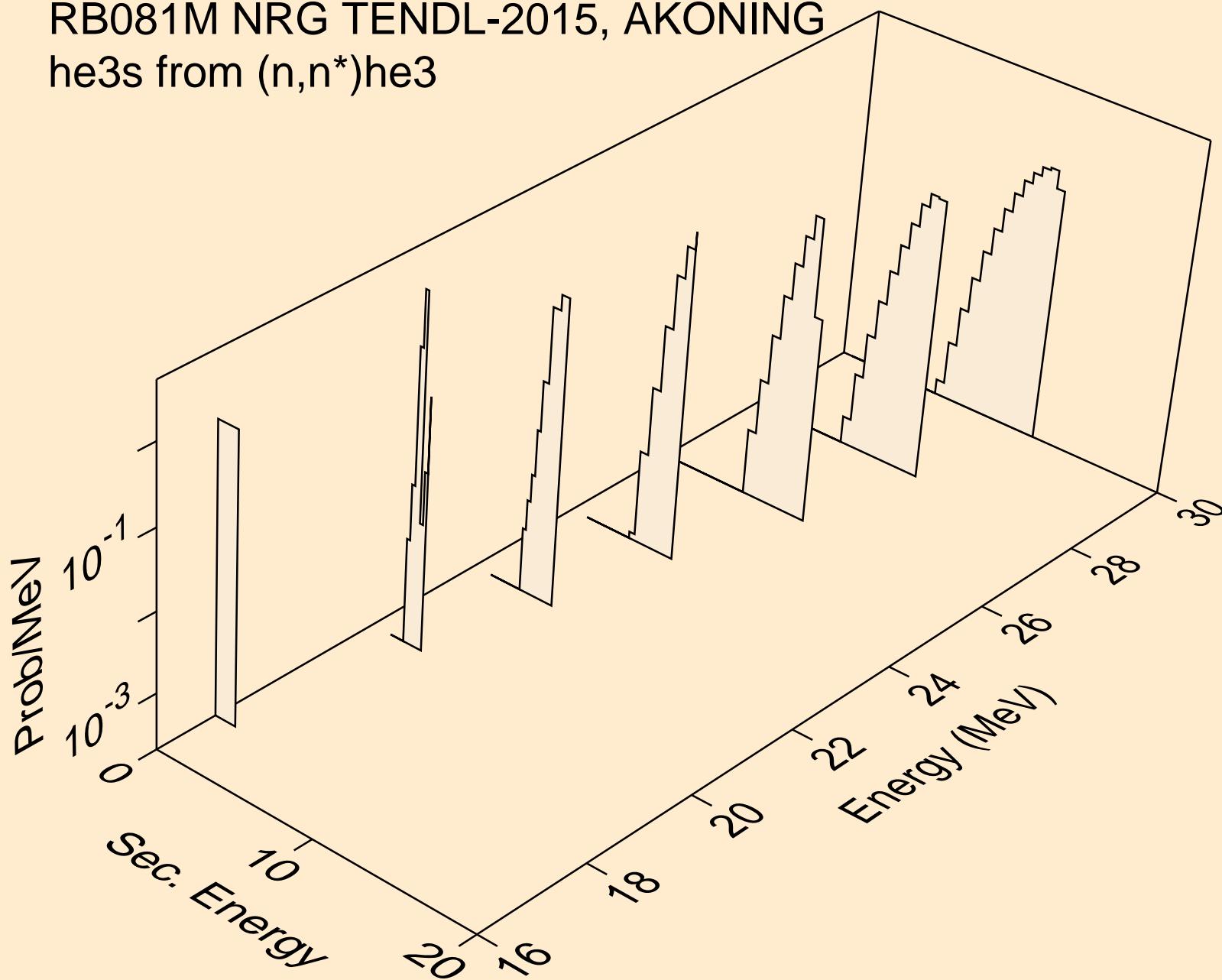
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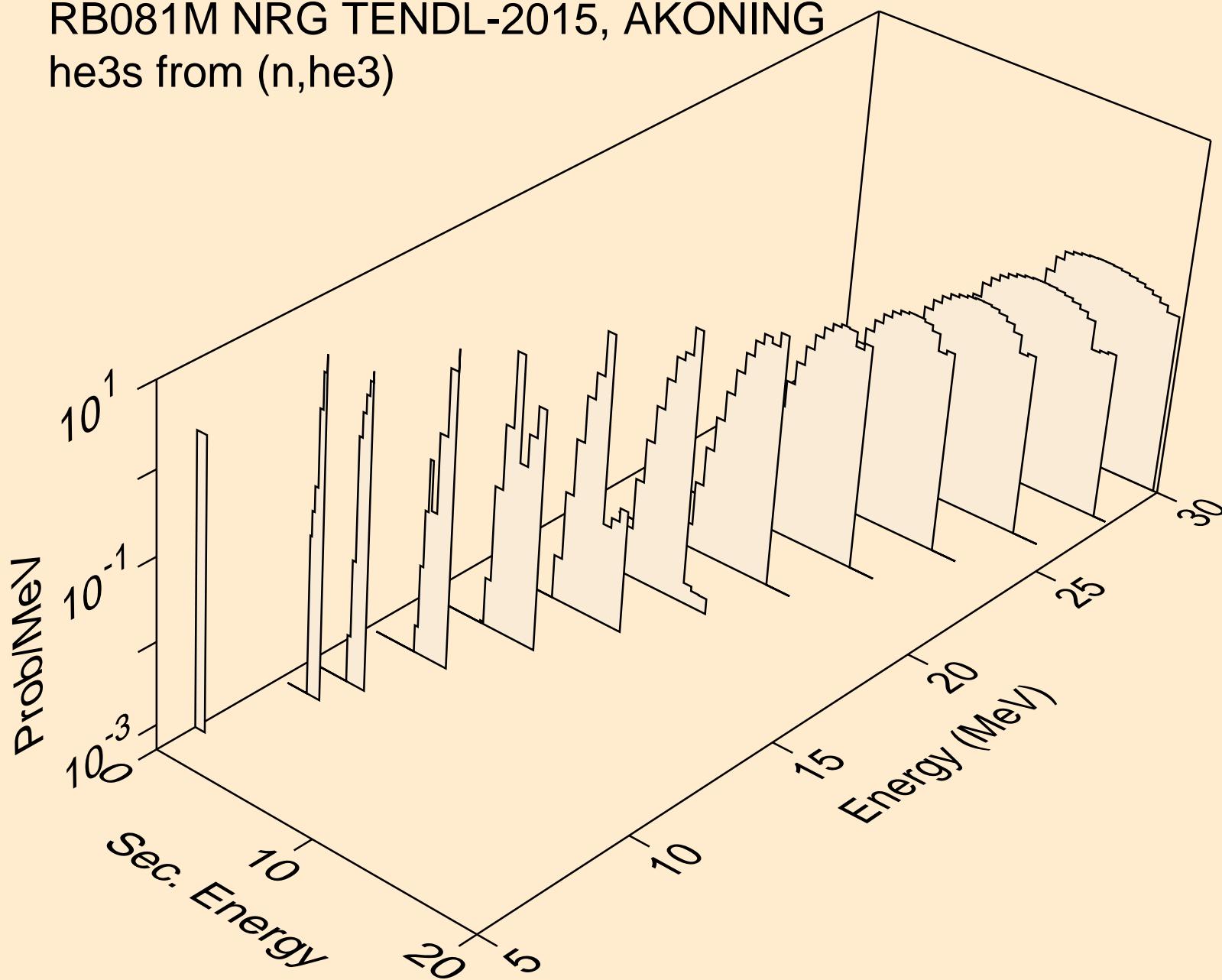
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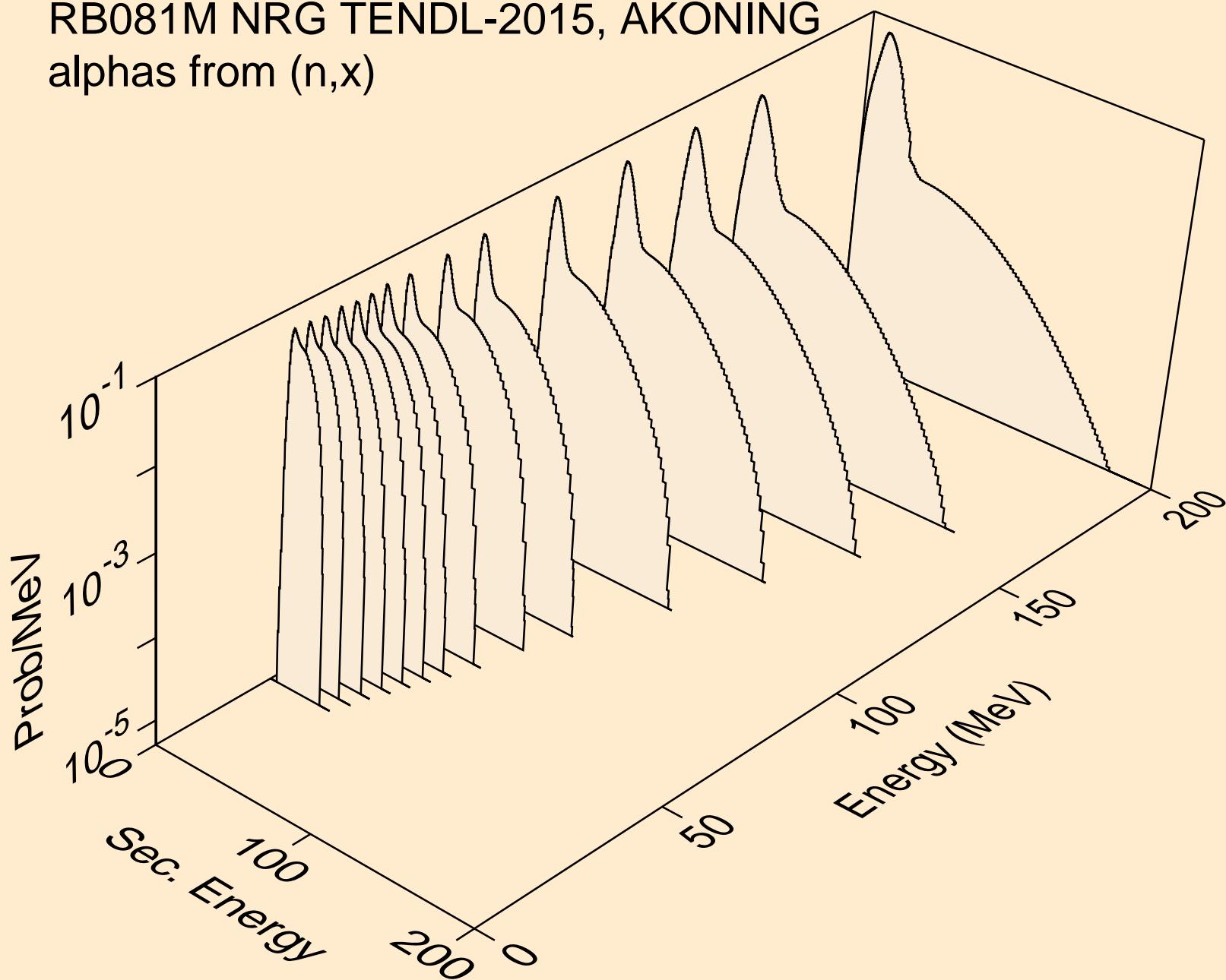
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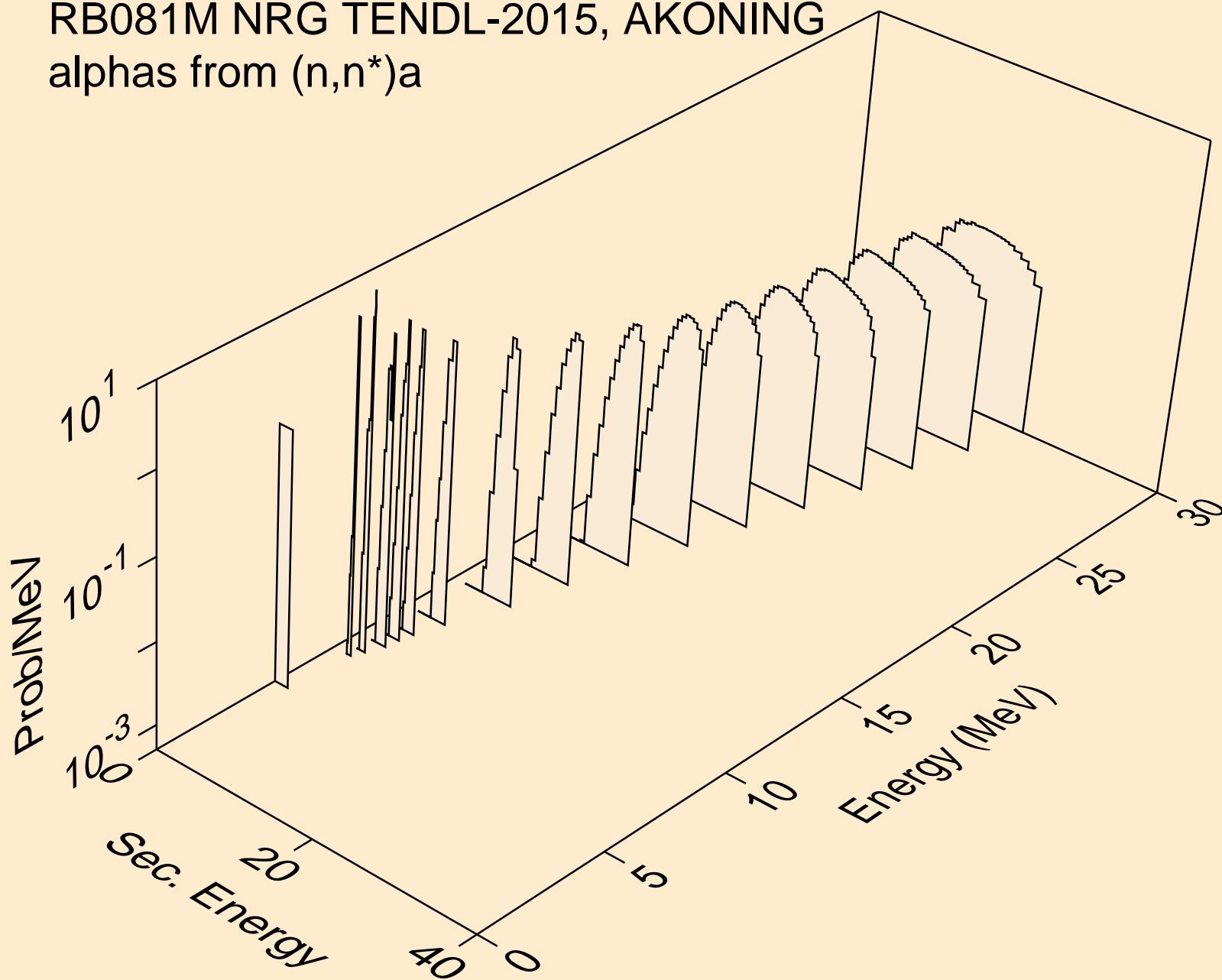
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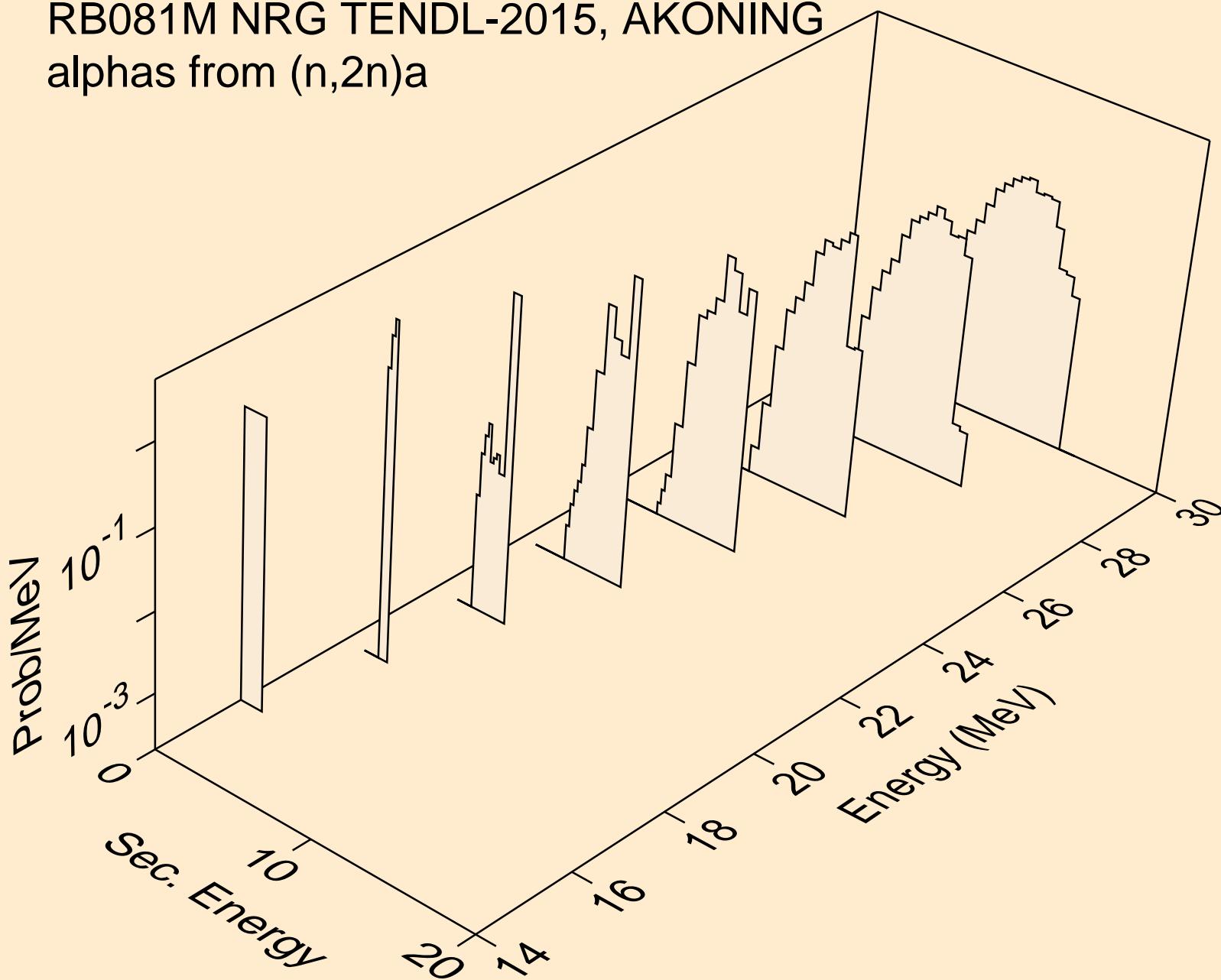
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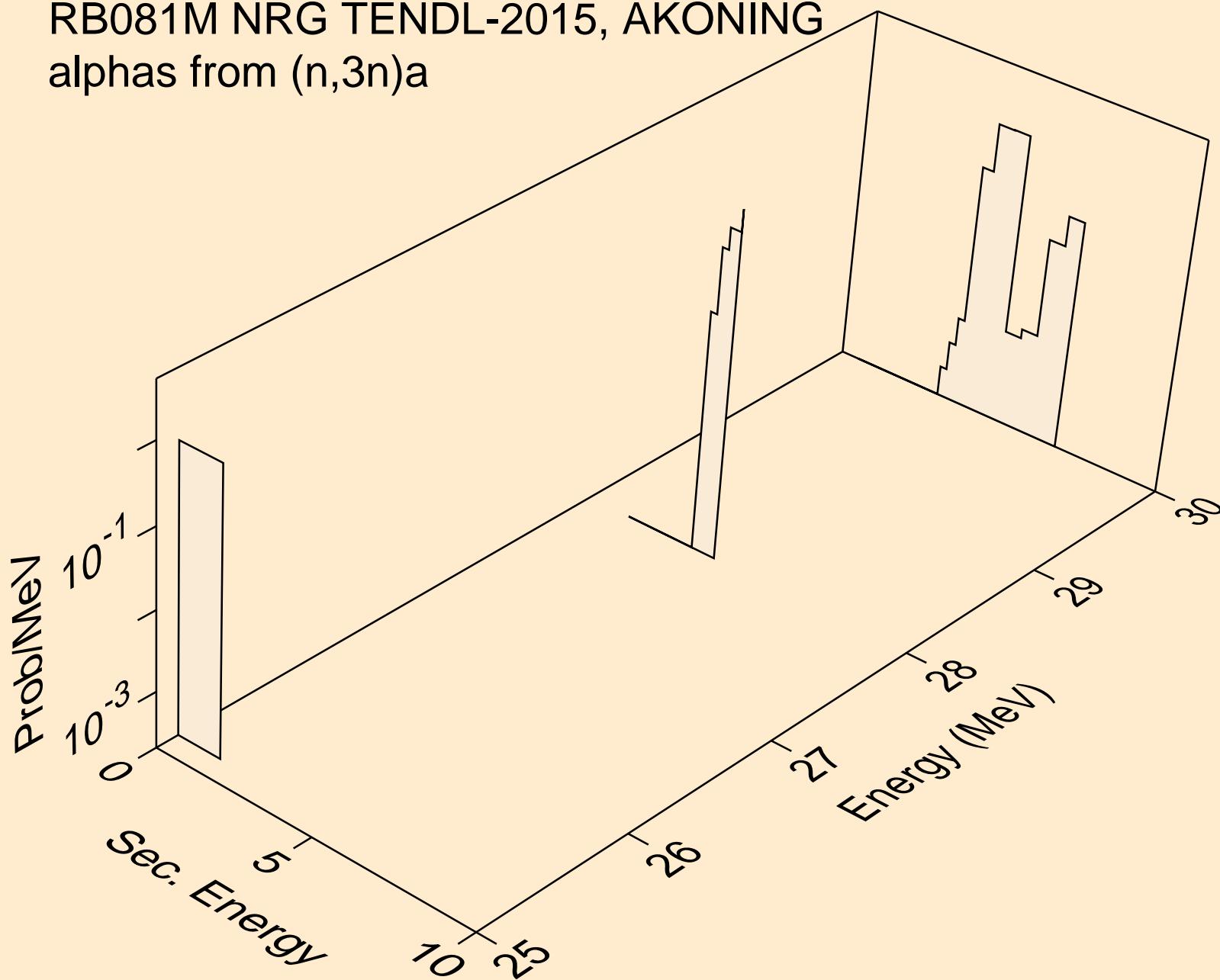
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alphas from  $(n,n^*)a$



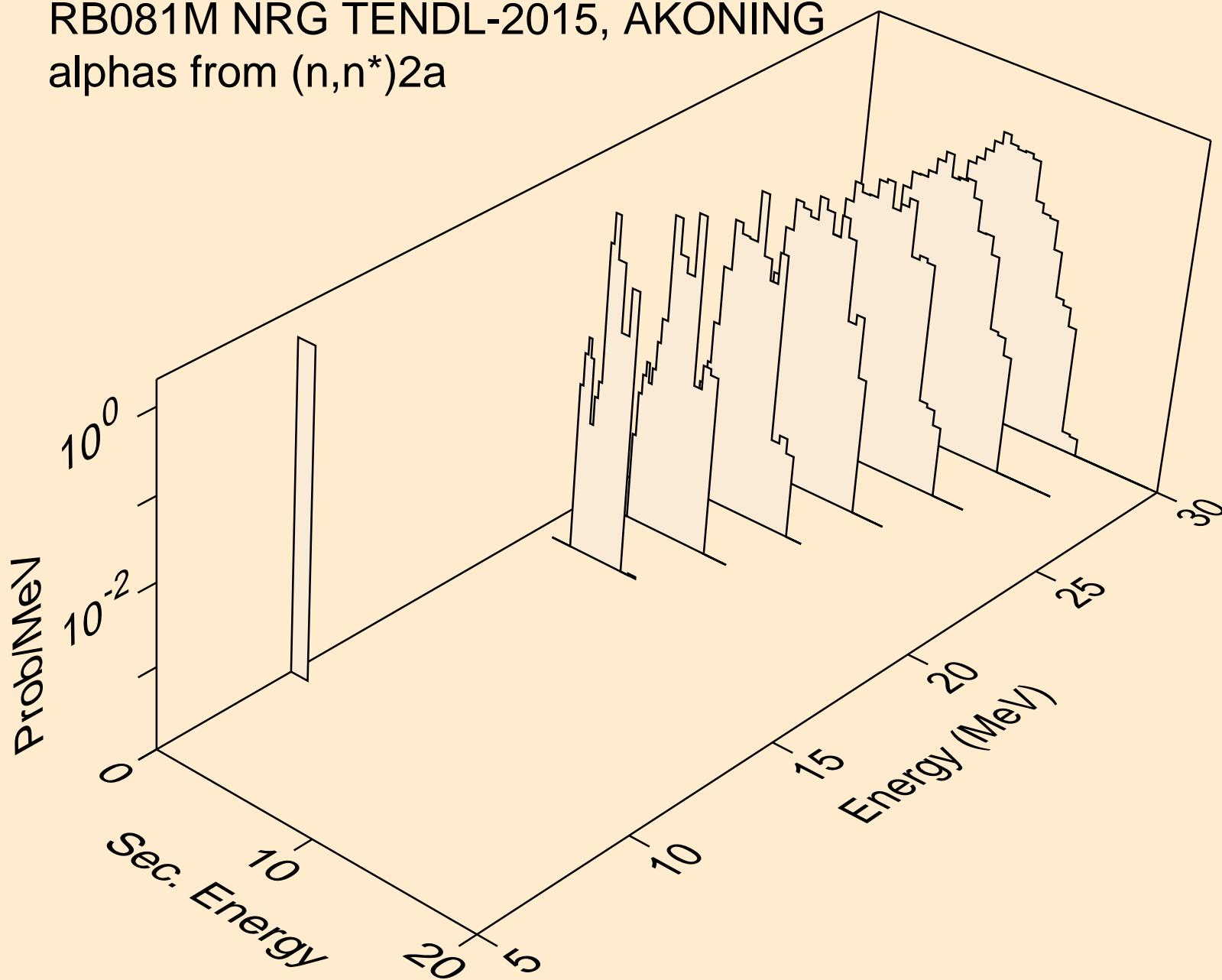
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alphas from ( $n,2n$ )a



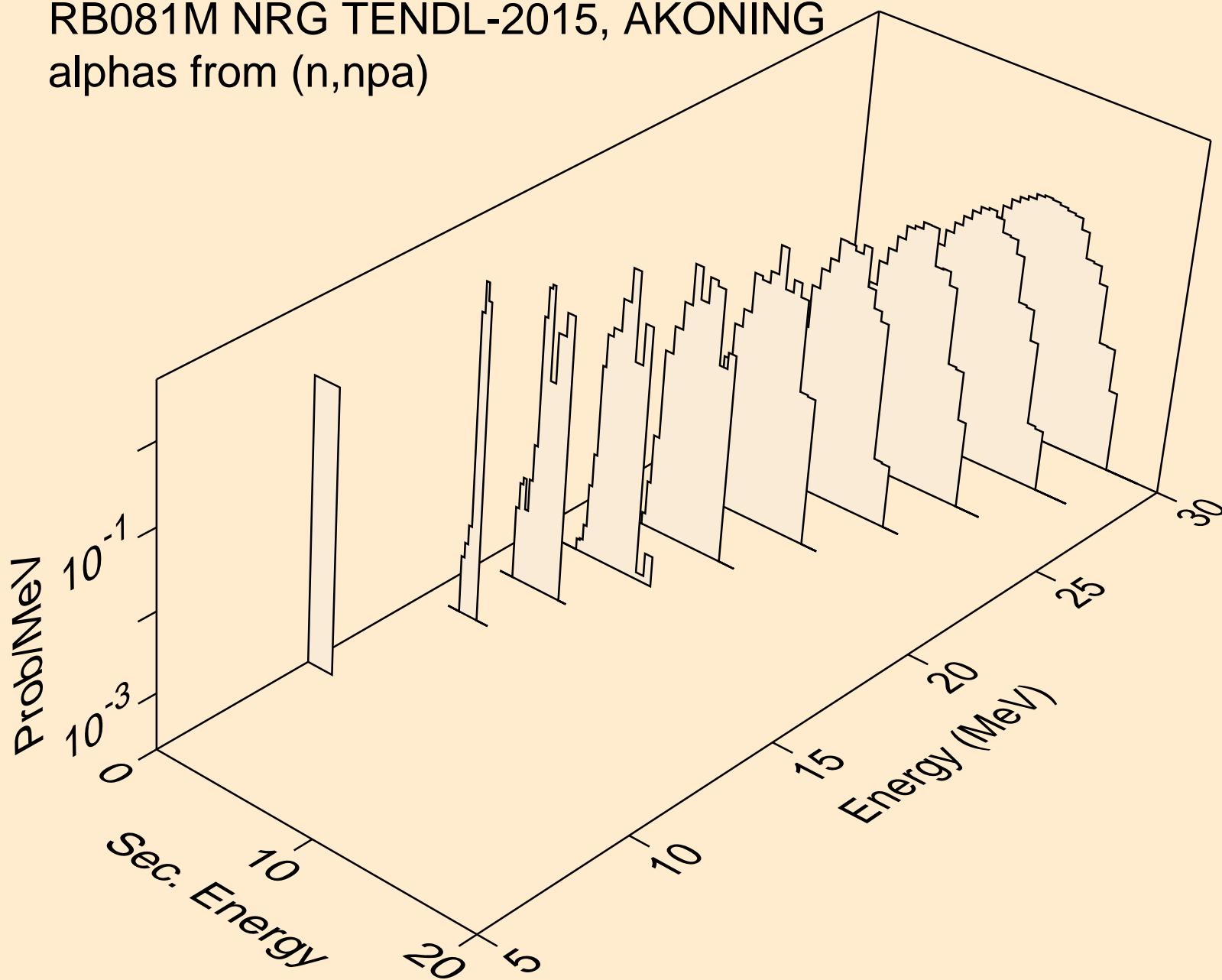
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alphas from ( $n,3n$ )a



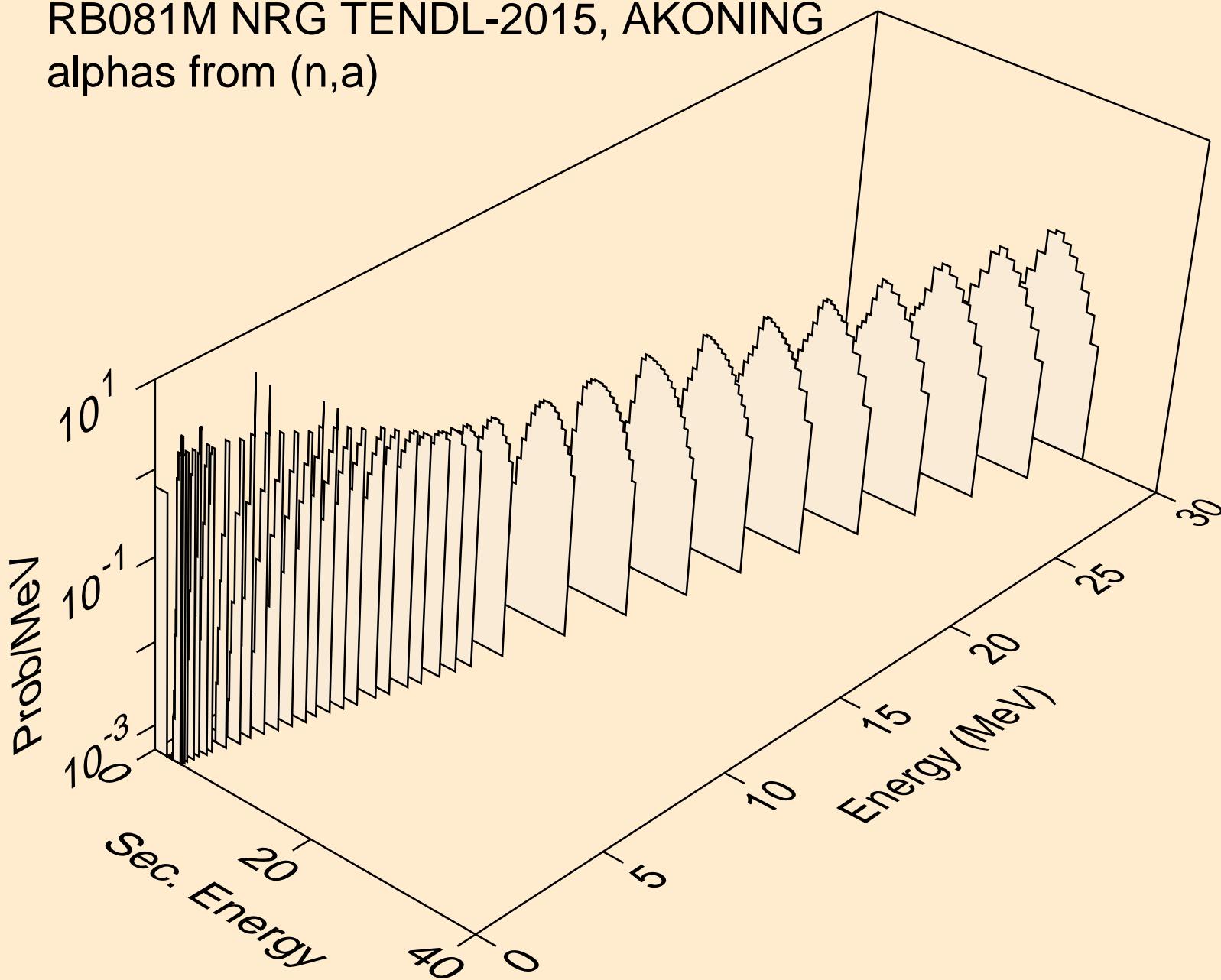
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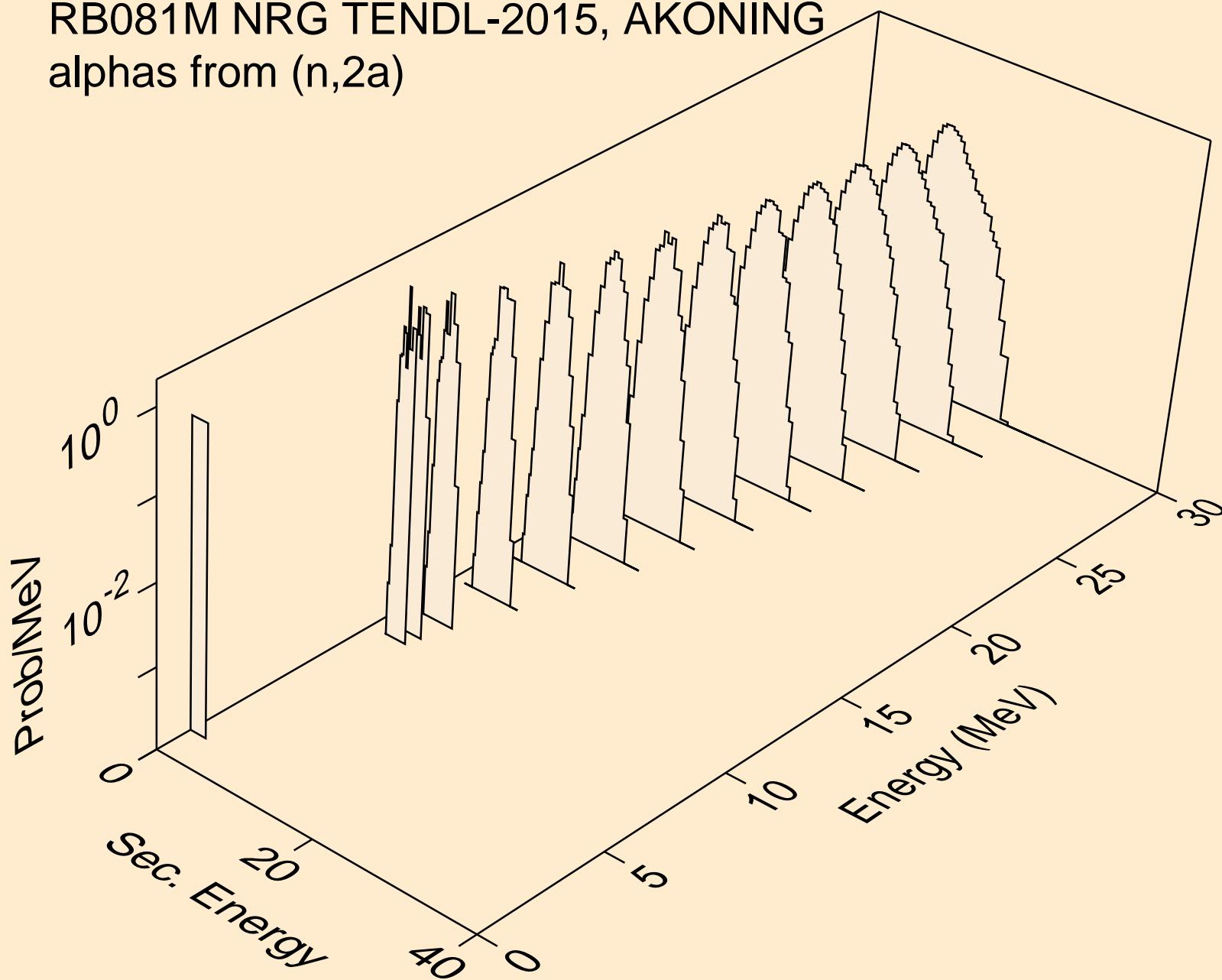
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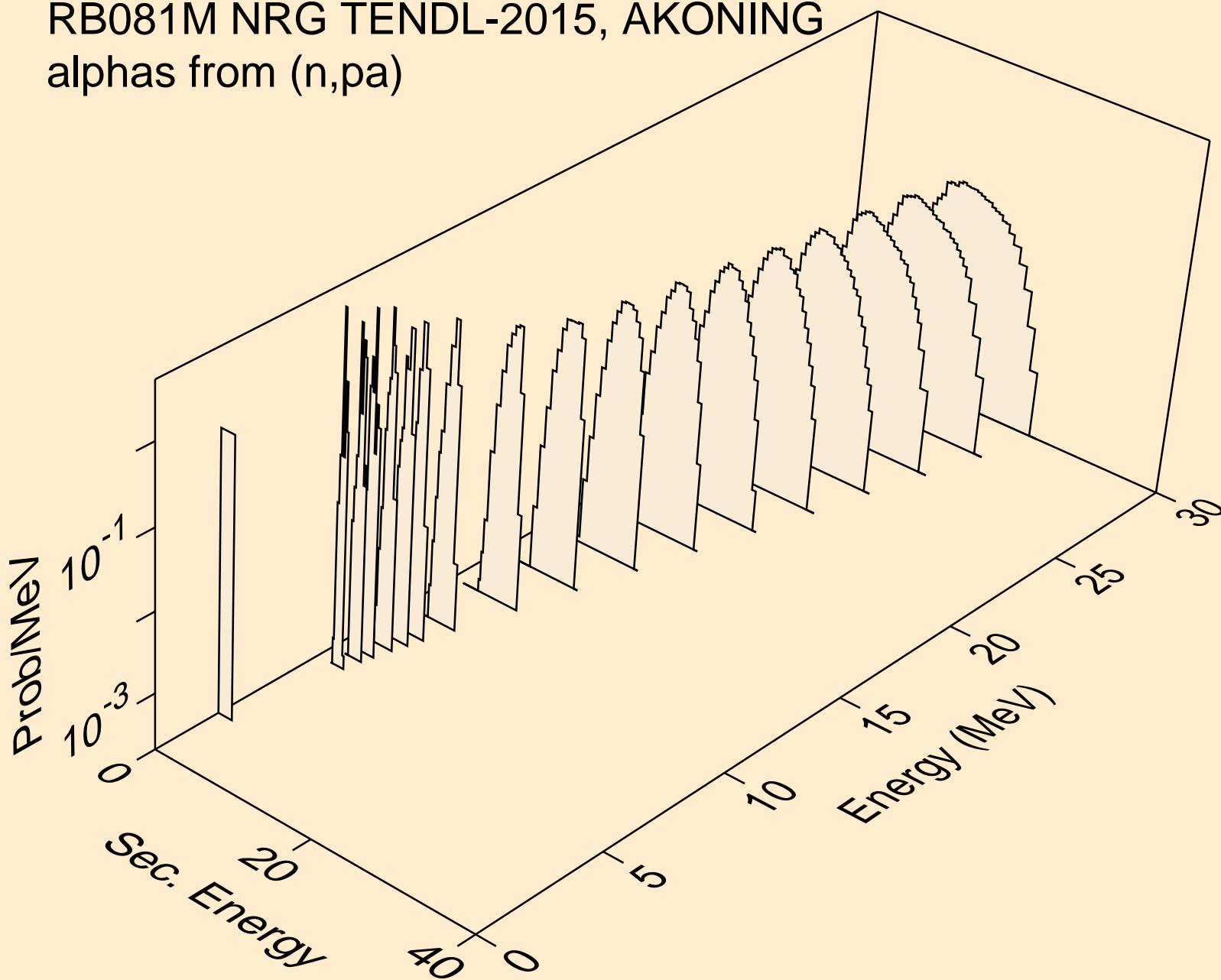
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alphas from (n,a)



RB081M NRG TENDL-2015, AKONING  
alphas from (n,2a)



RB081M NRG TENDL-2015, AKONING  
alphas from (n,pa)



RB081M NRG TENDL-2015, AKONING  
alphas from (n,da)

