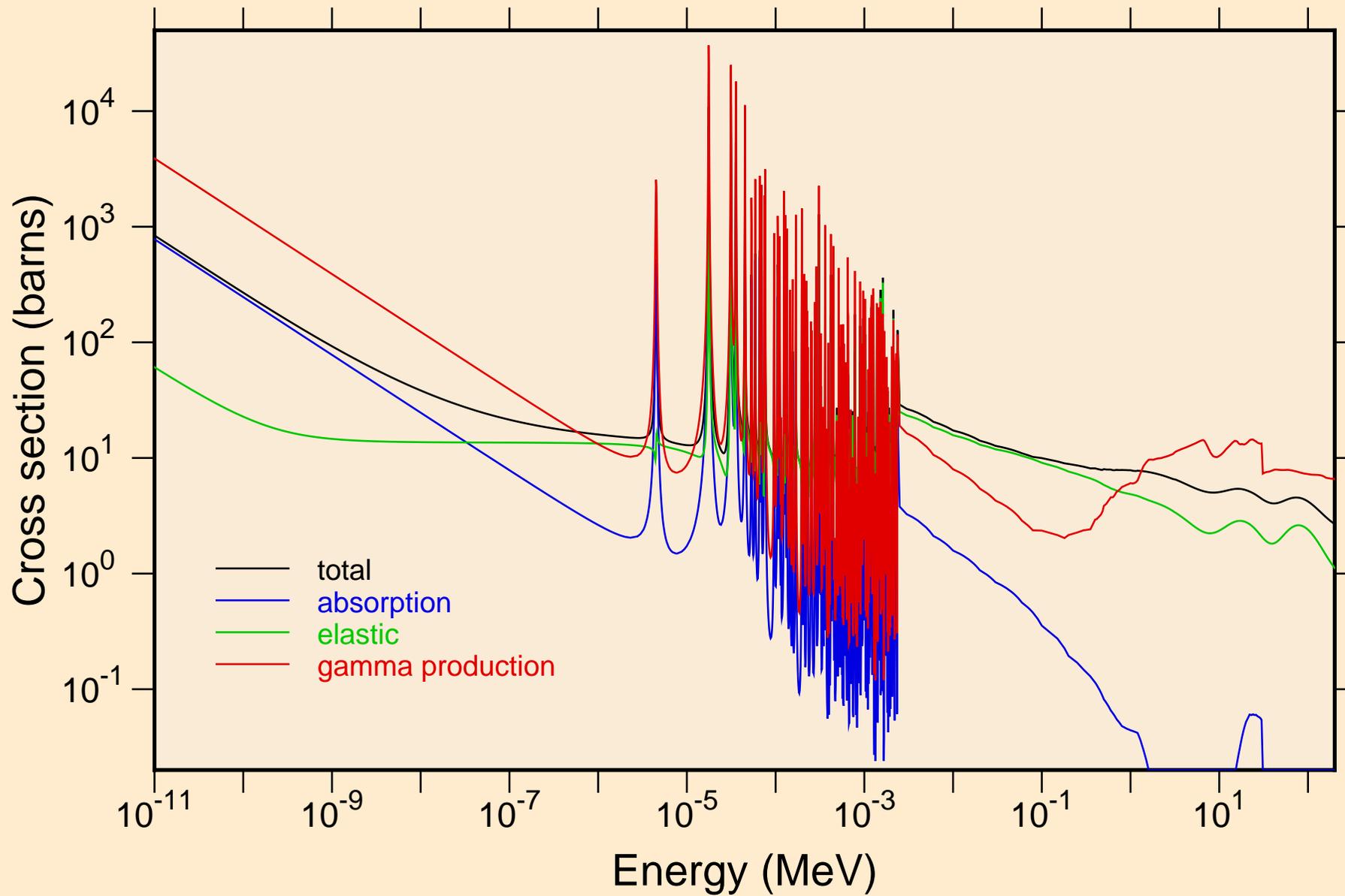
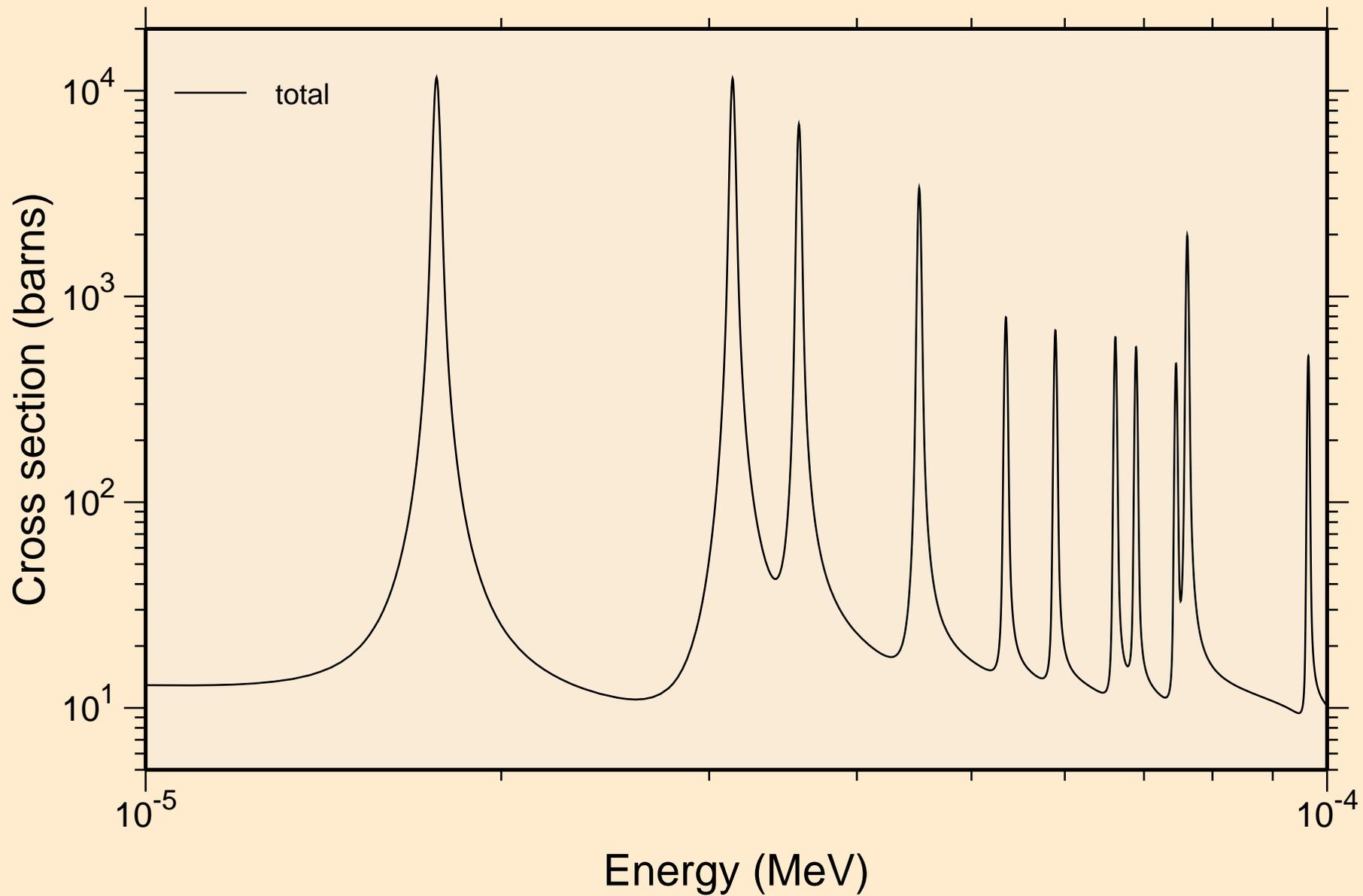


# YB173 NRG TENDL-2015, AKONING

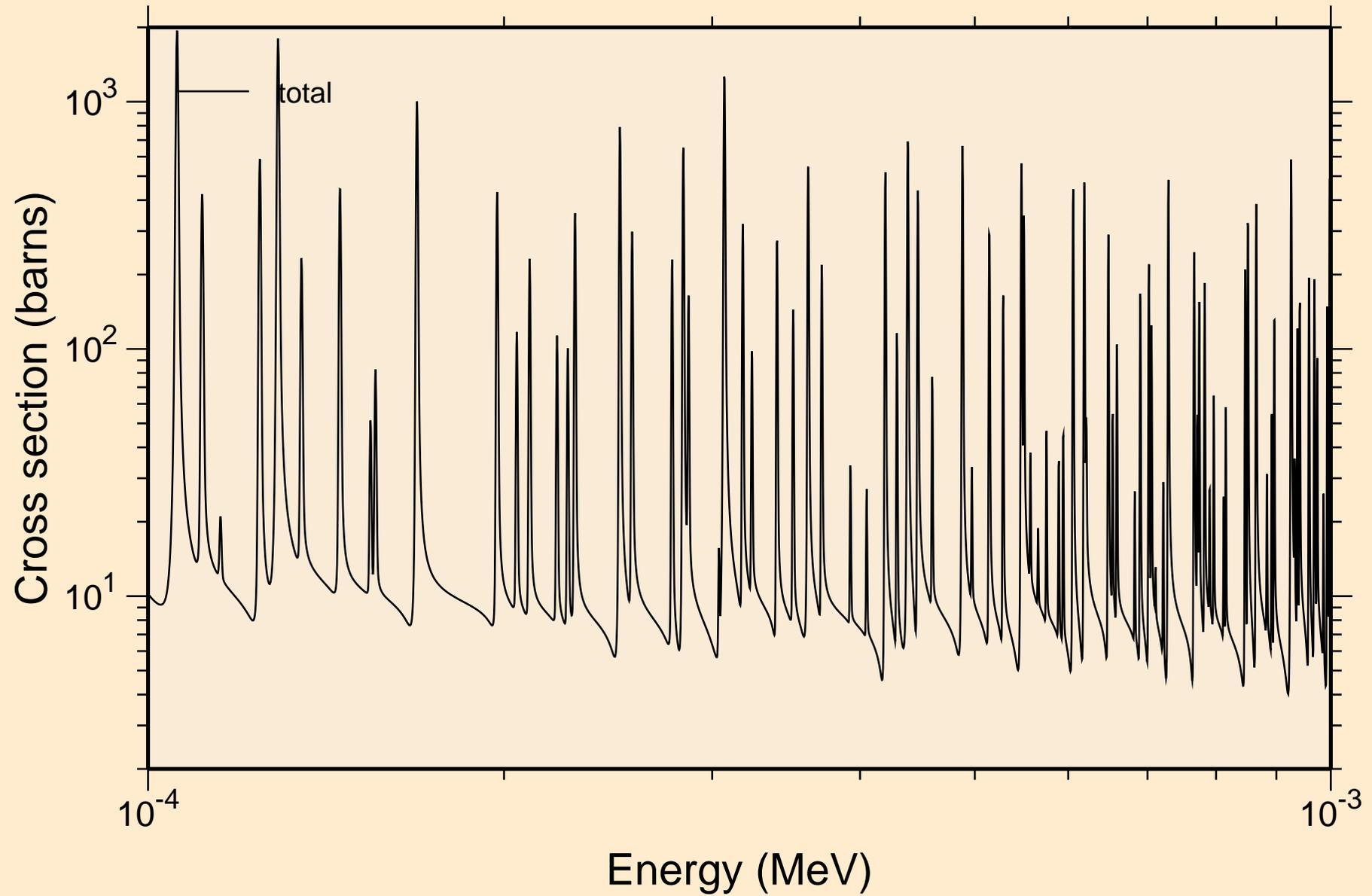
## Principal cross sections



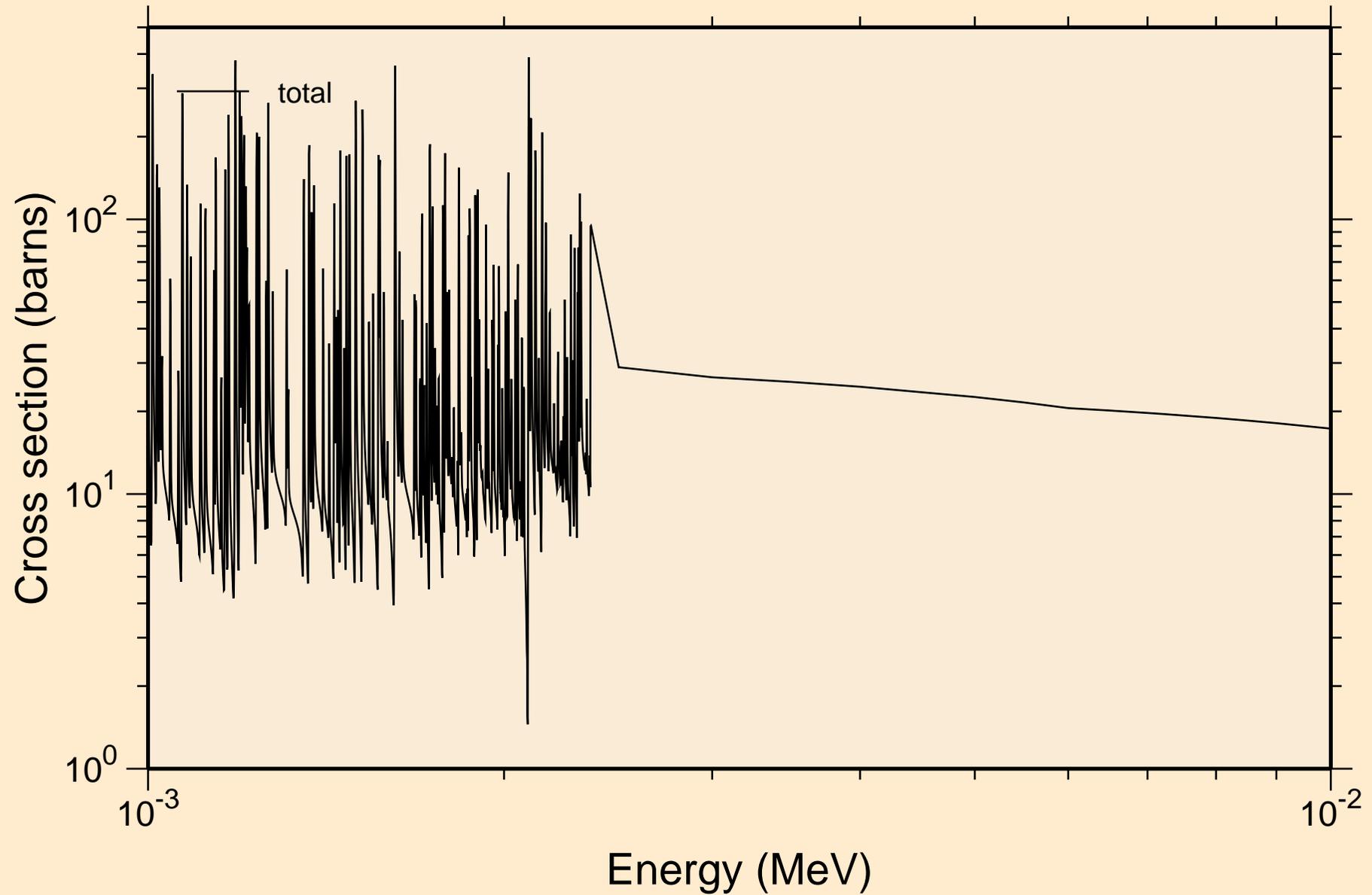
YB173 NRG TENDL-2015, AKONING  
resonance total cross section



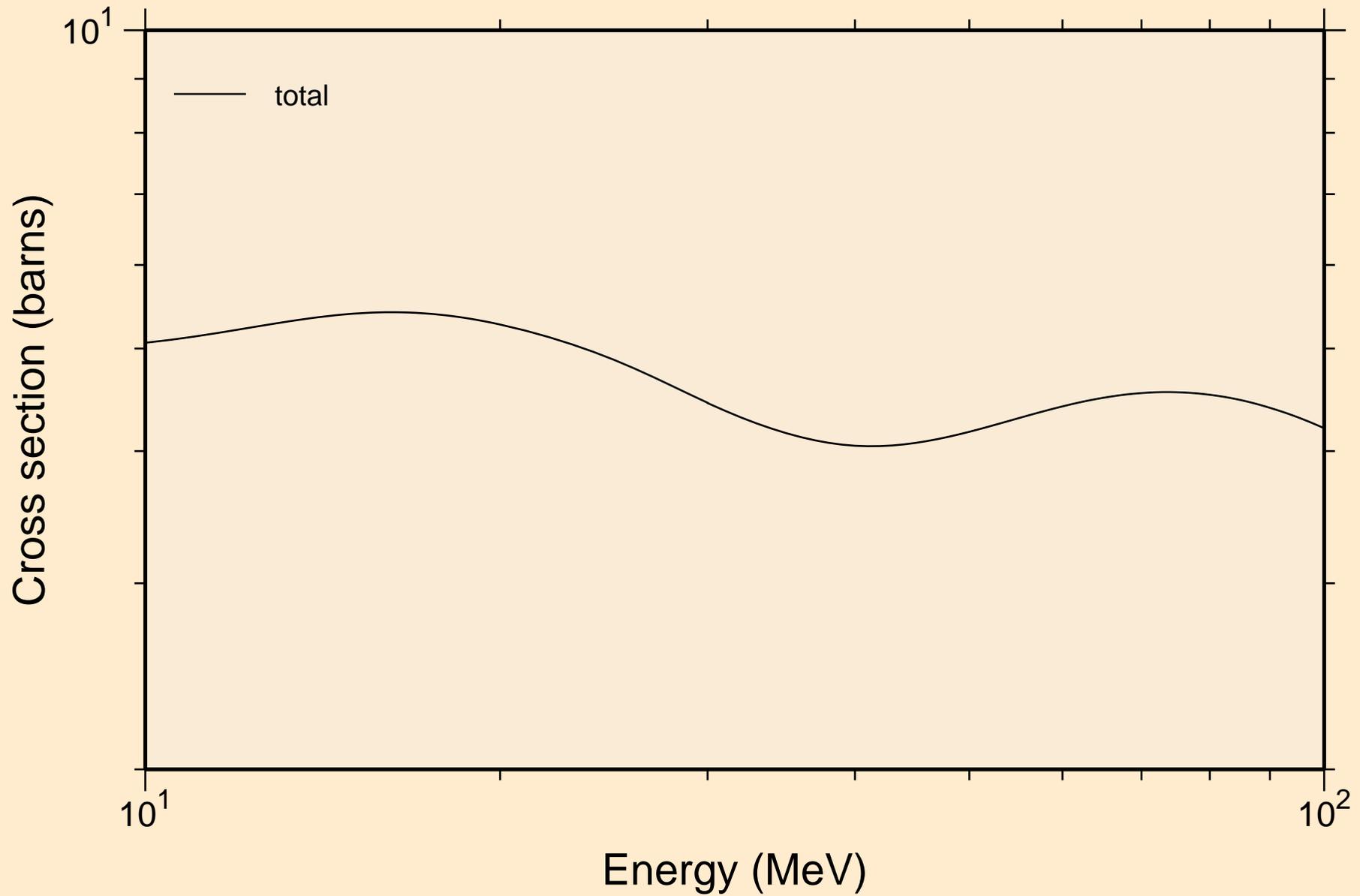
YB173 NRG TENDL-2015, AKONING  
resonance total cross section



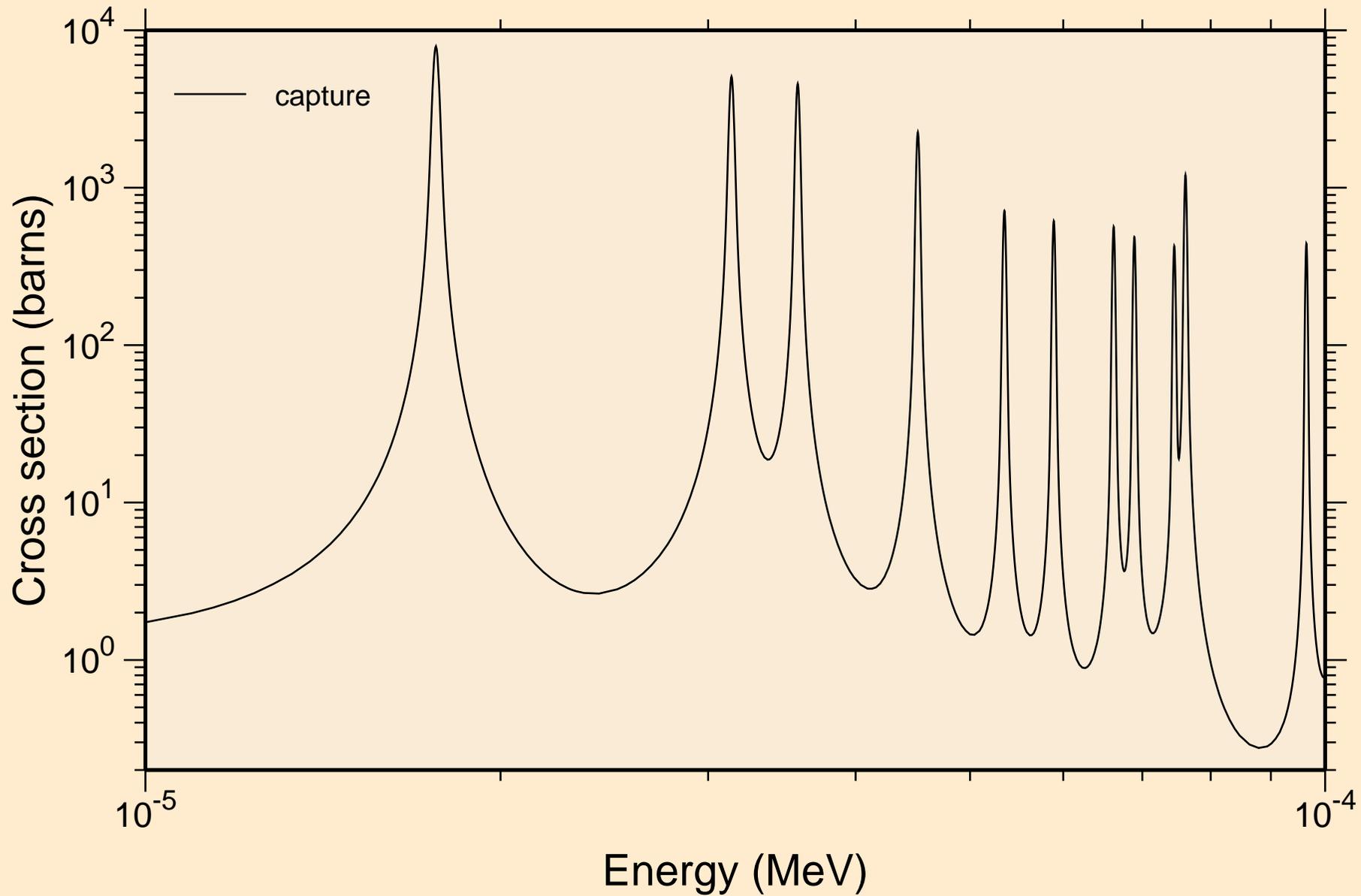
YB173 NRG TENDL-2015, AKONING  
resonance total cross section



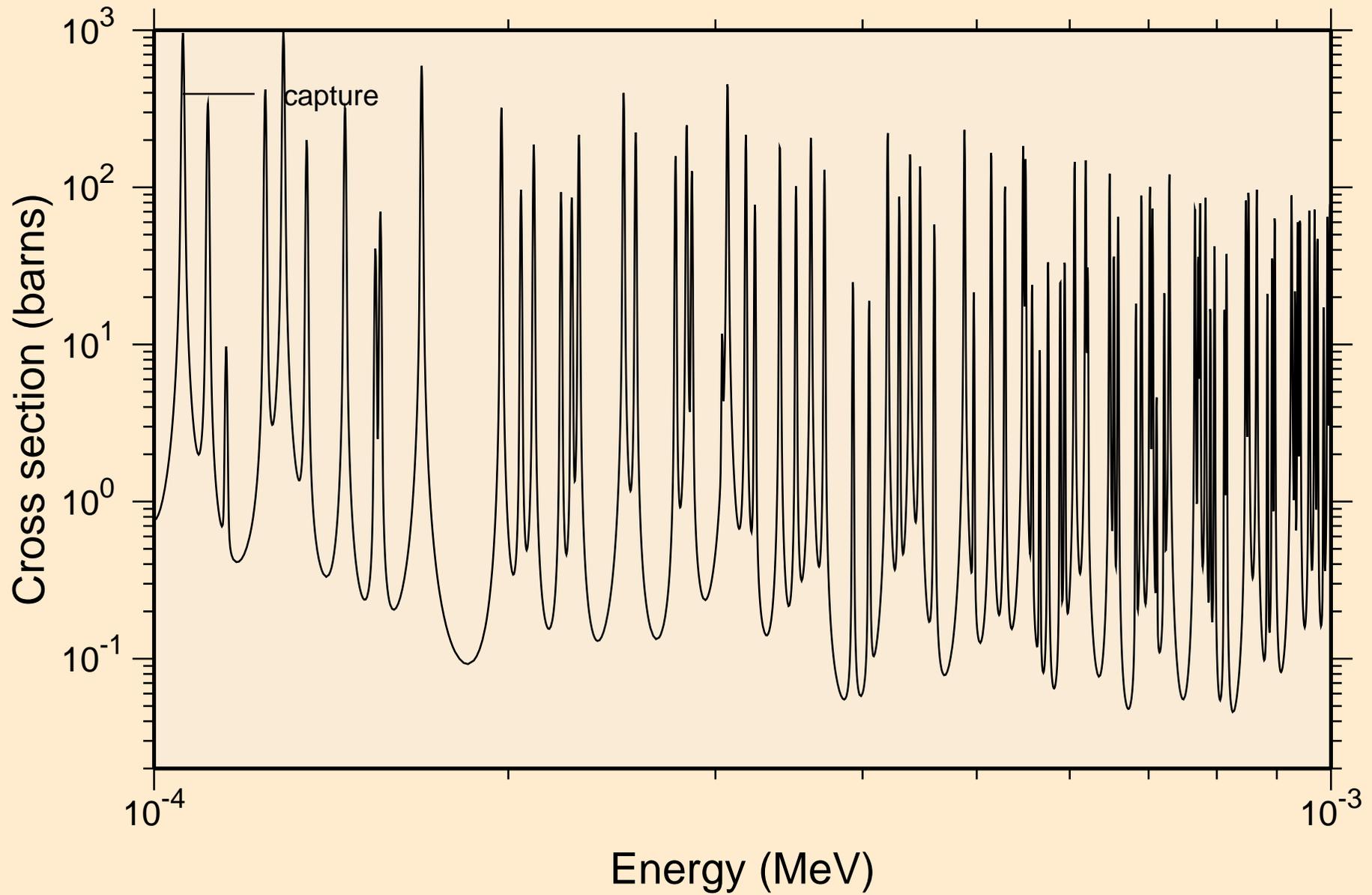
YB173 NRG TENDL-2015, AKONING  
resonance total cross section



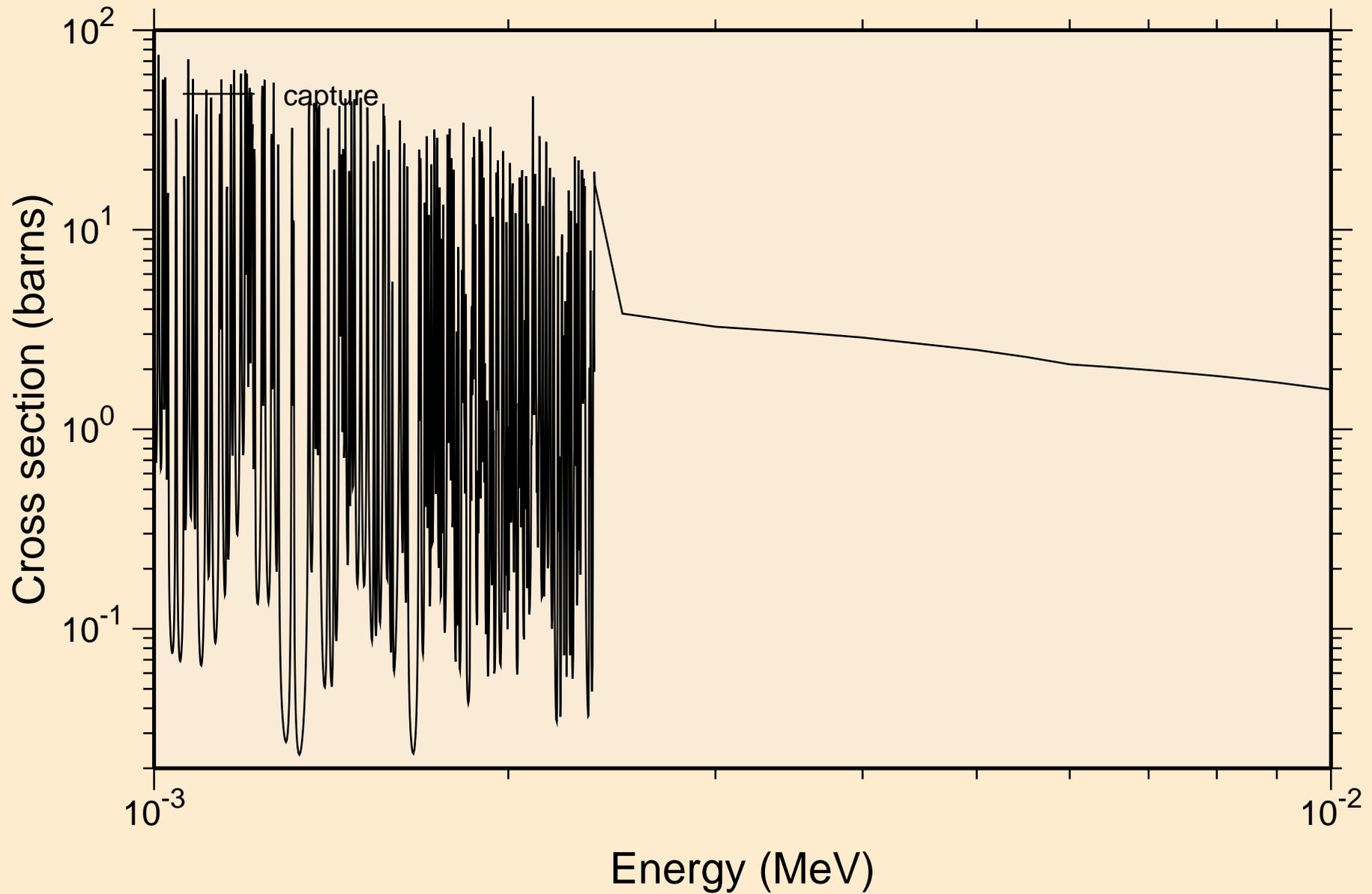
YB173 NRG TENDL-2015, AKONING  
resonance absorption cross sections



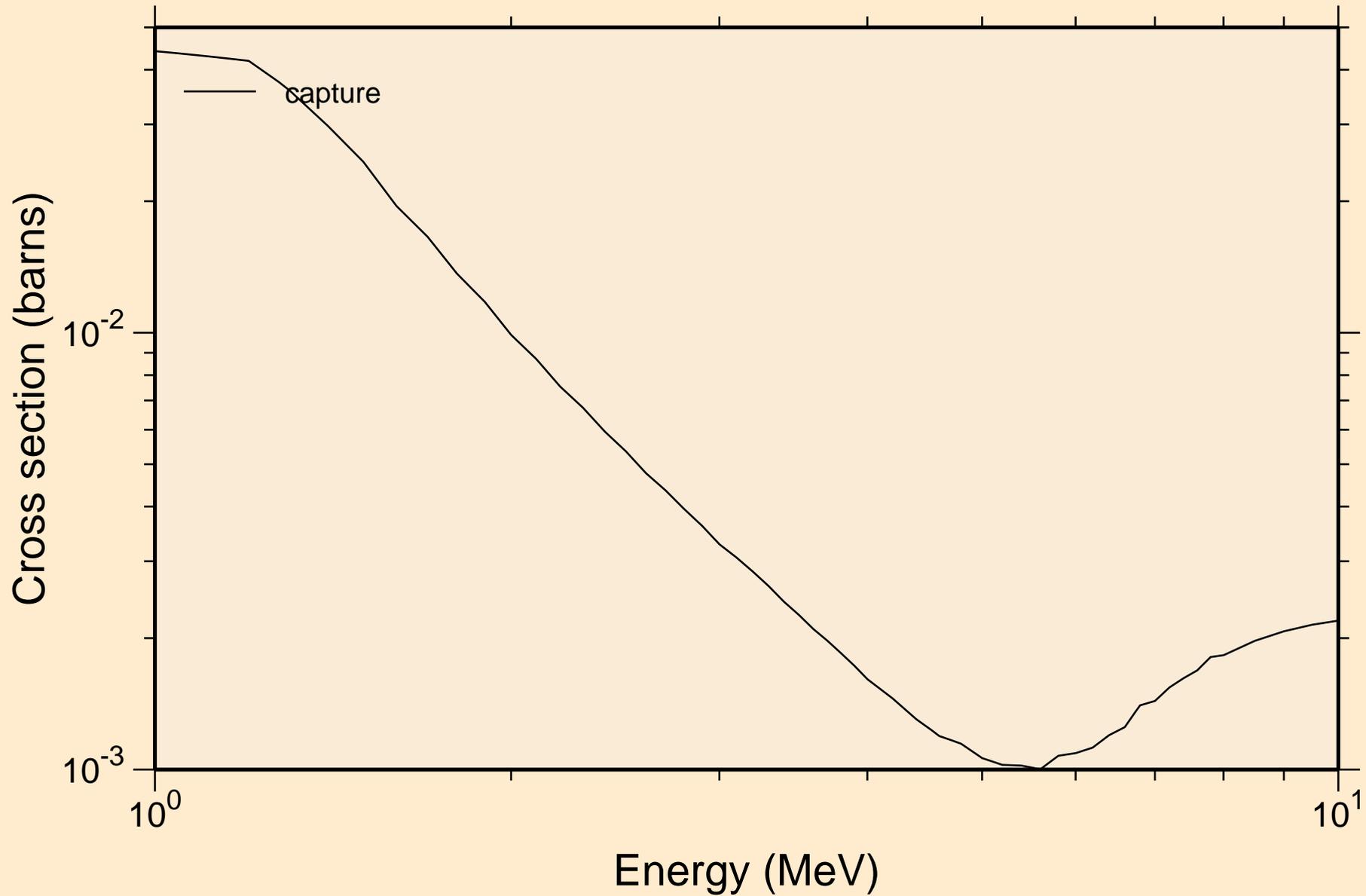
YB173 NRG TENDL-2015, AKONING  
resonance absorption cross sections



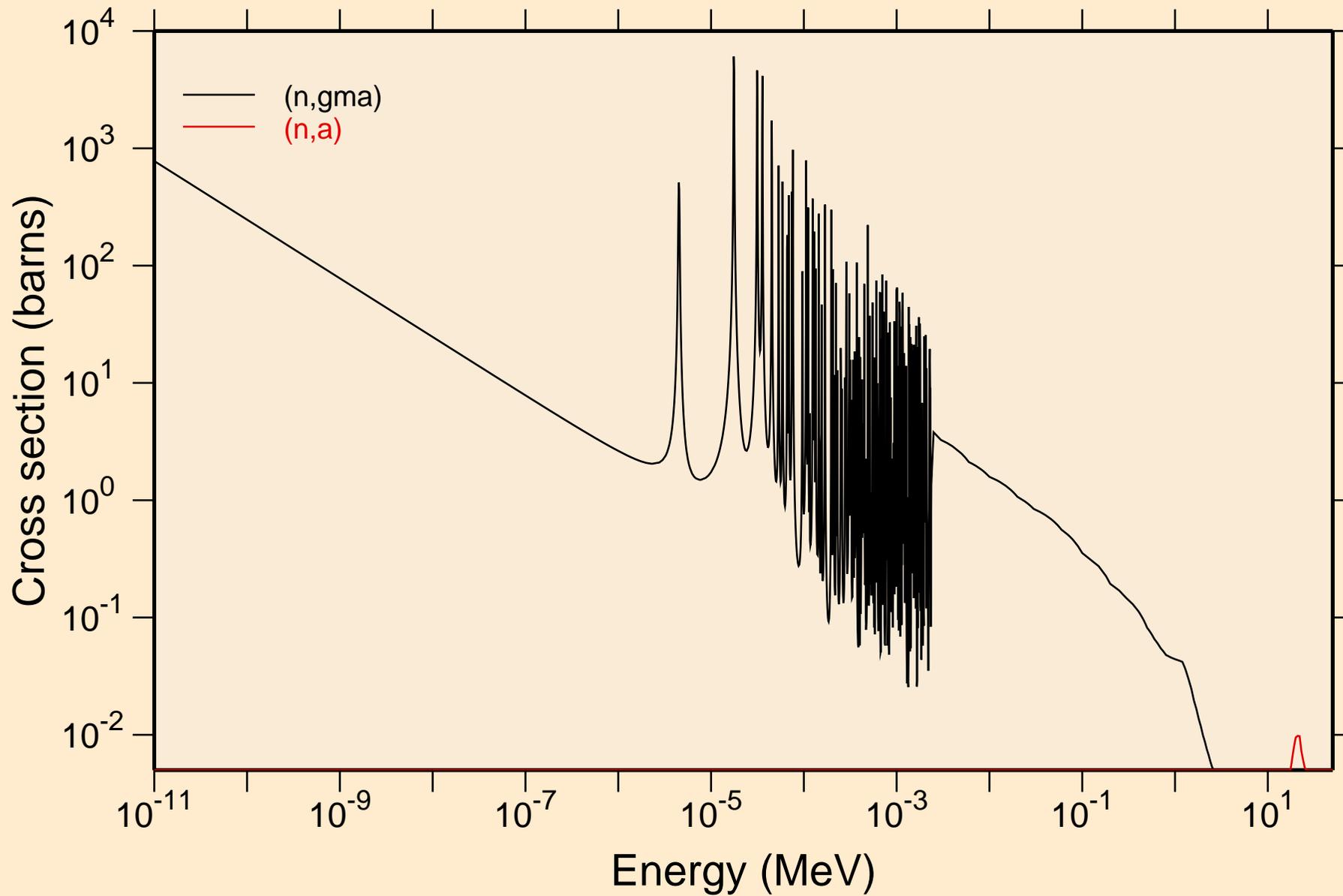
YB173 NRG TENDL-2015, AKONING  
resonance absorption cross sections



YB173 NRG TENDL-2015, AKONING  
resonance absorption cross sections

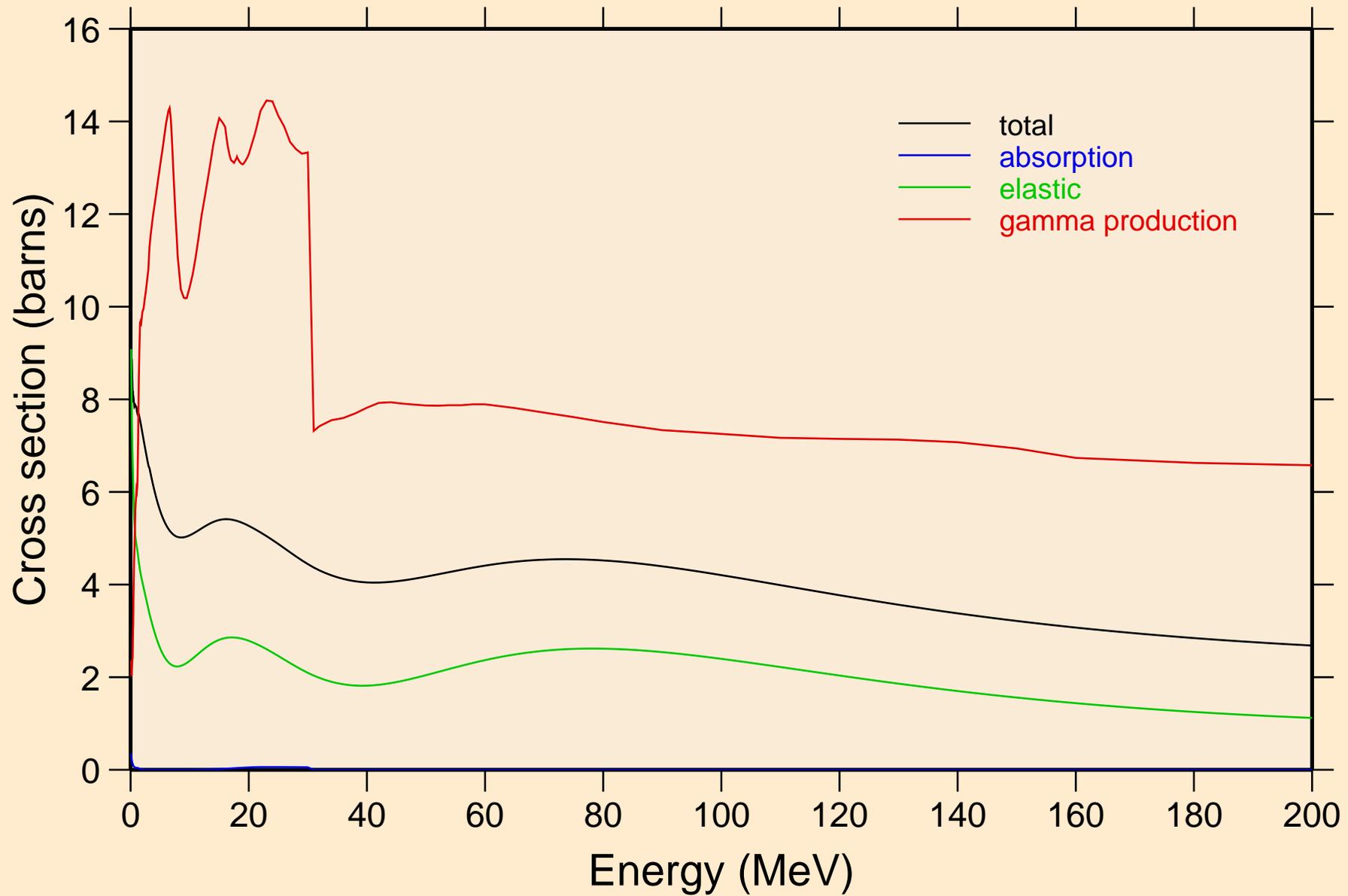


YB173 NRG TENDL-2015, AKONING  
Non-threshold reactions



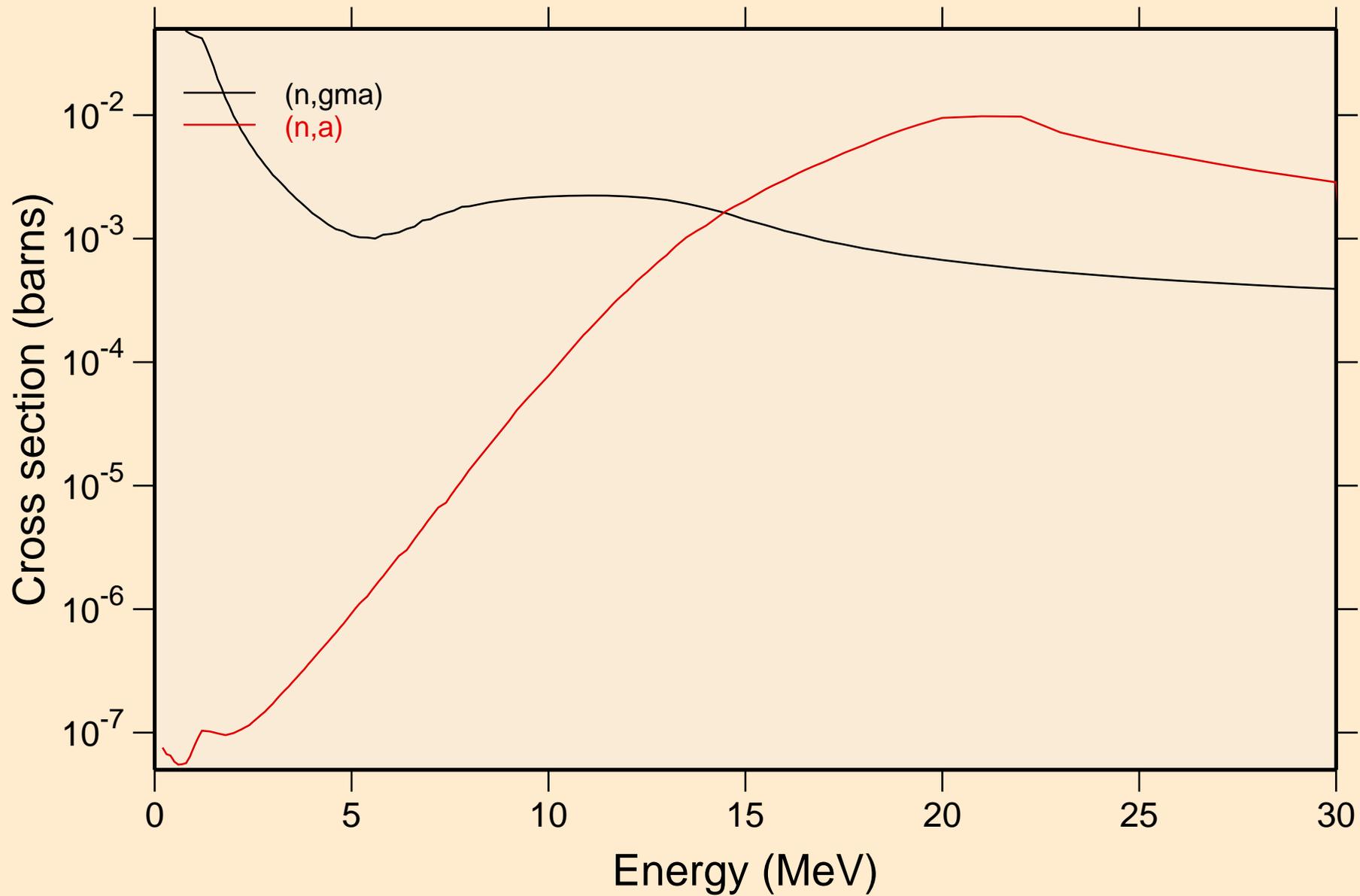
# YB173 NRG TENDL-2015, AKONING

## Principal cross sections



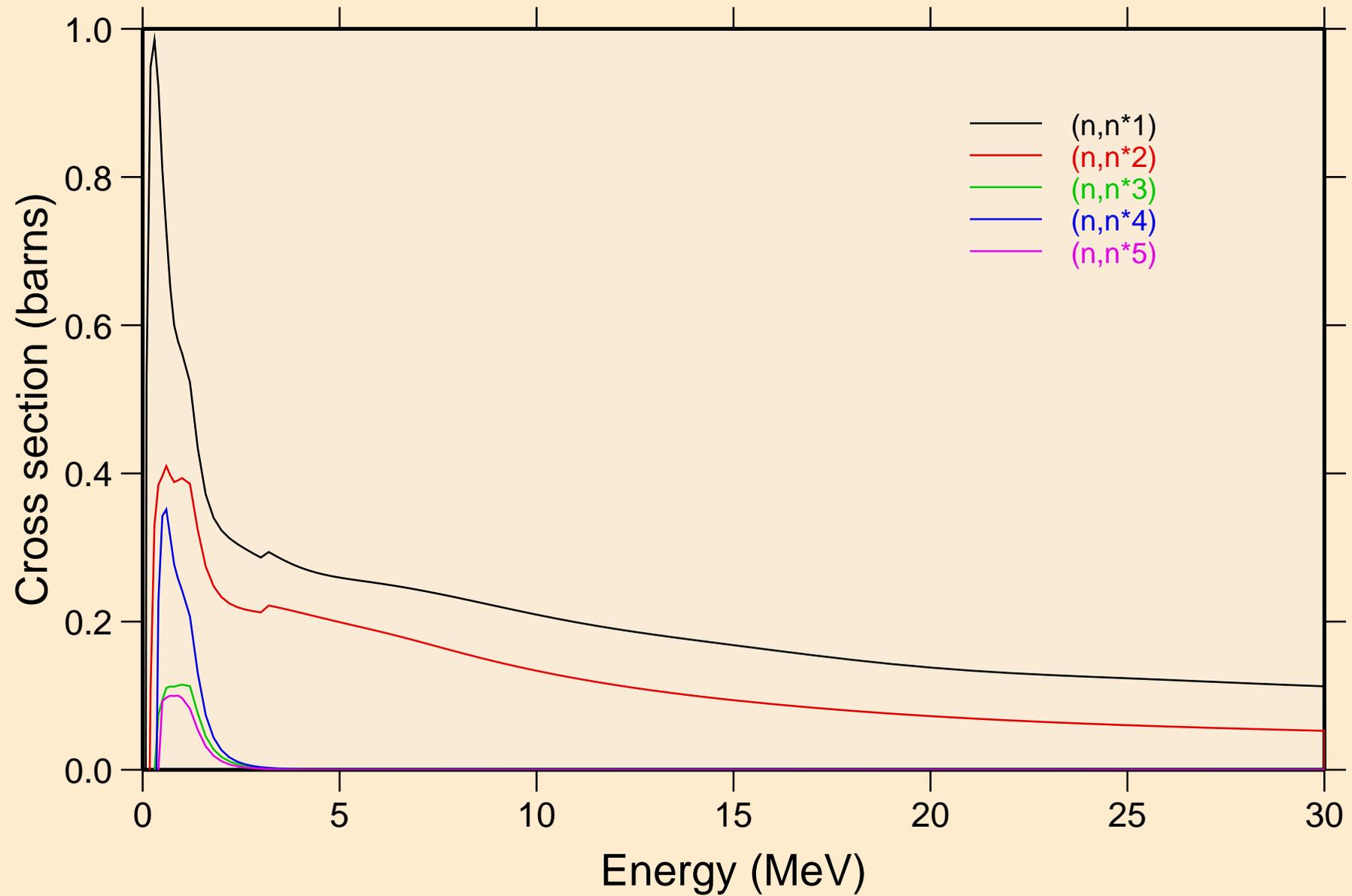
# YB173 NRG TENDL-2015, AKONING

## Non-threshold reactions



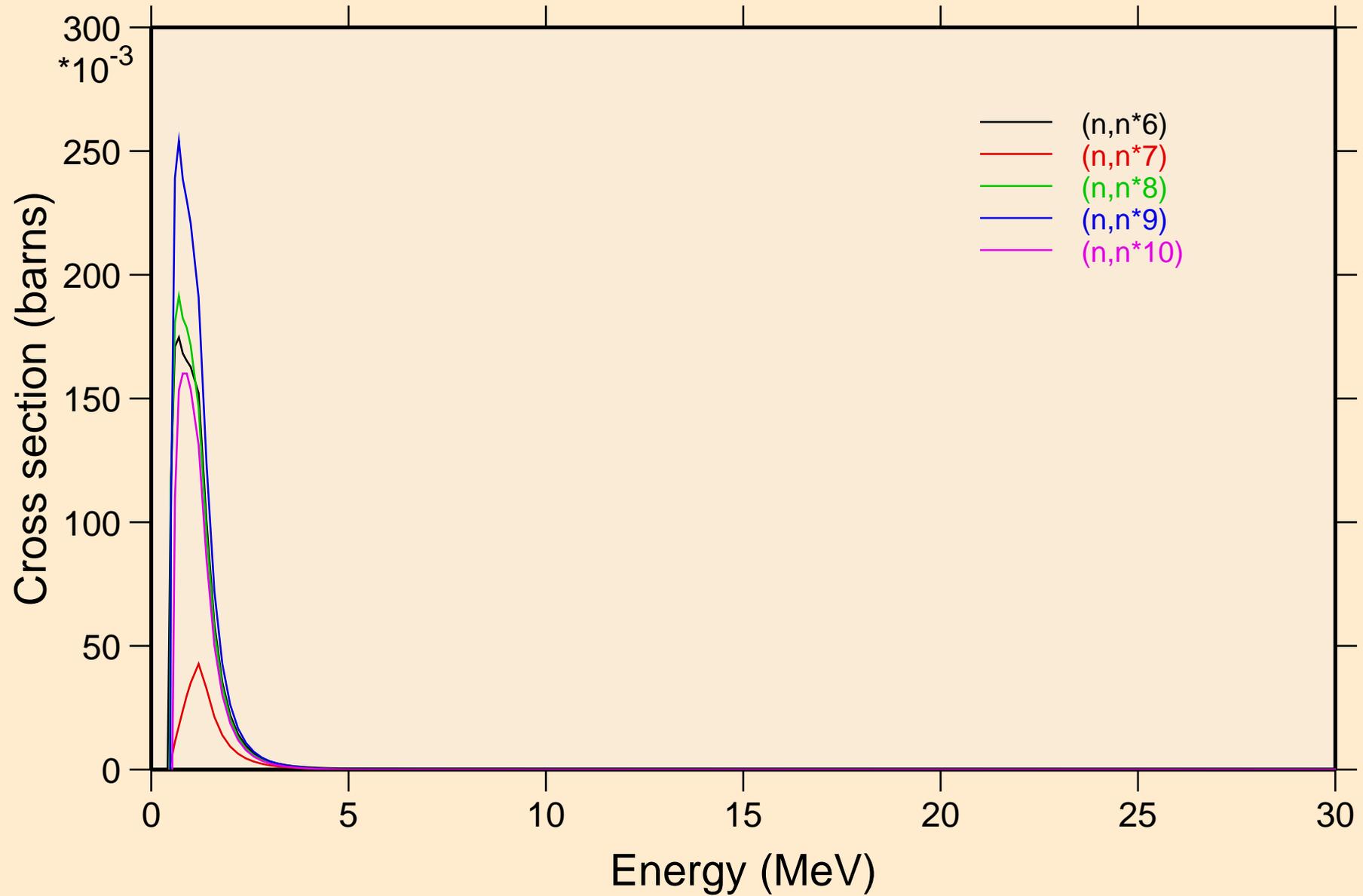
# YB173 NRG TENDL-2015, AKONING

## Inelastic levels



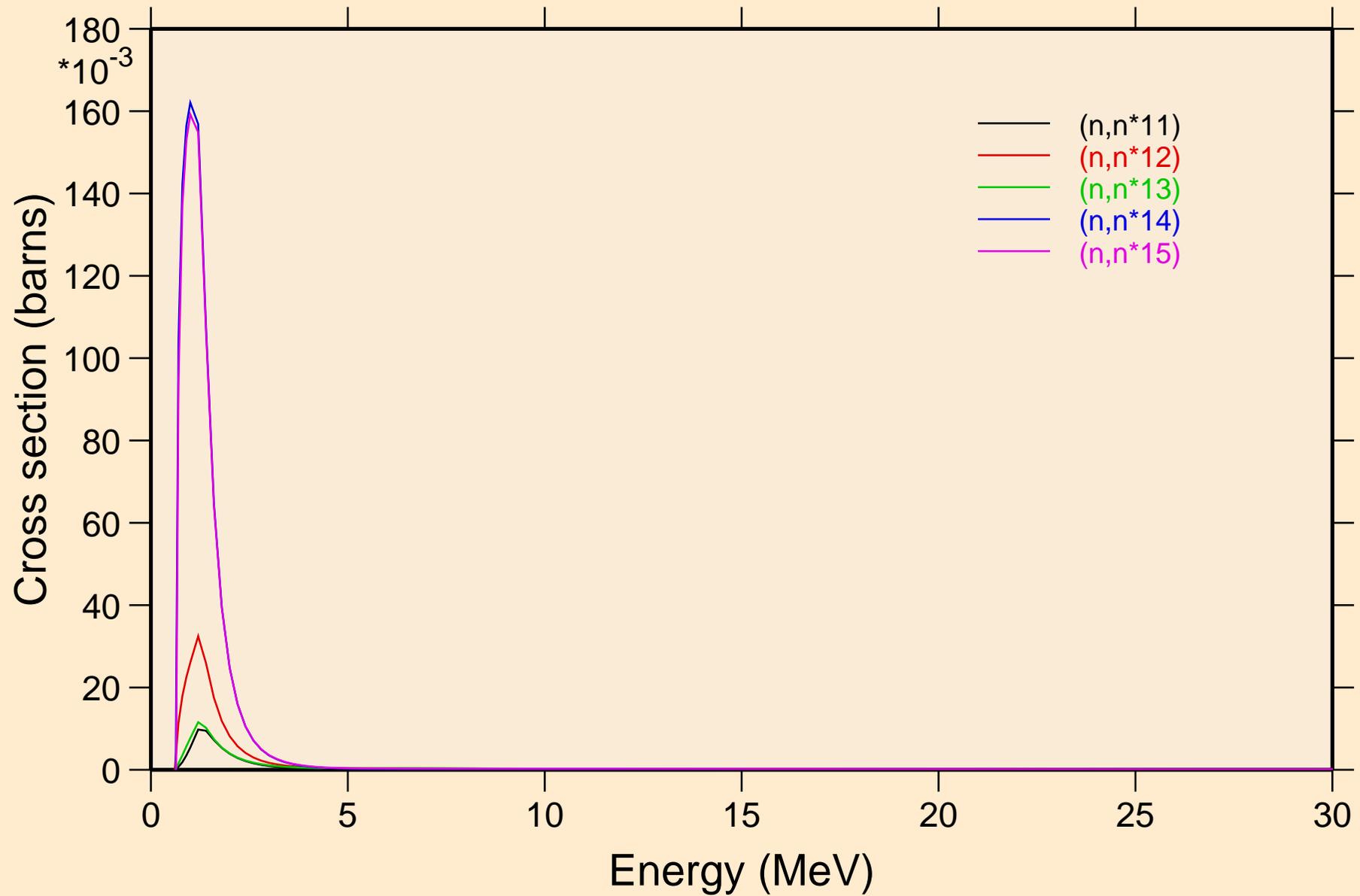
# YB173 NRG TENDL-2015, AKONING

## Inelastic levels



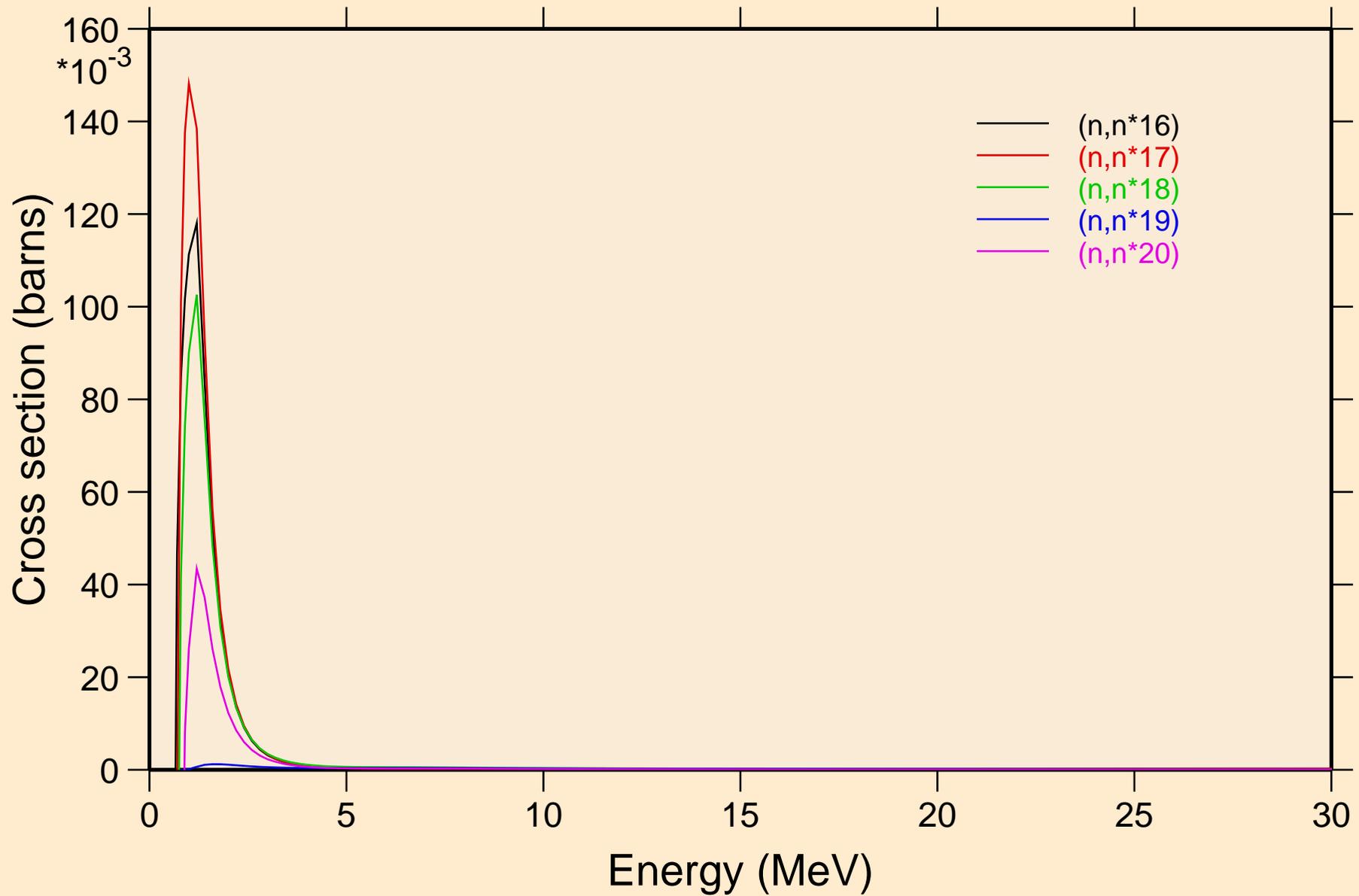
# YB173 NRG TENDL-2015, AKONING

## Inelastic levels



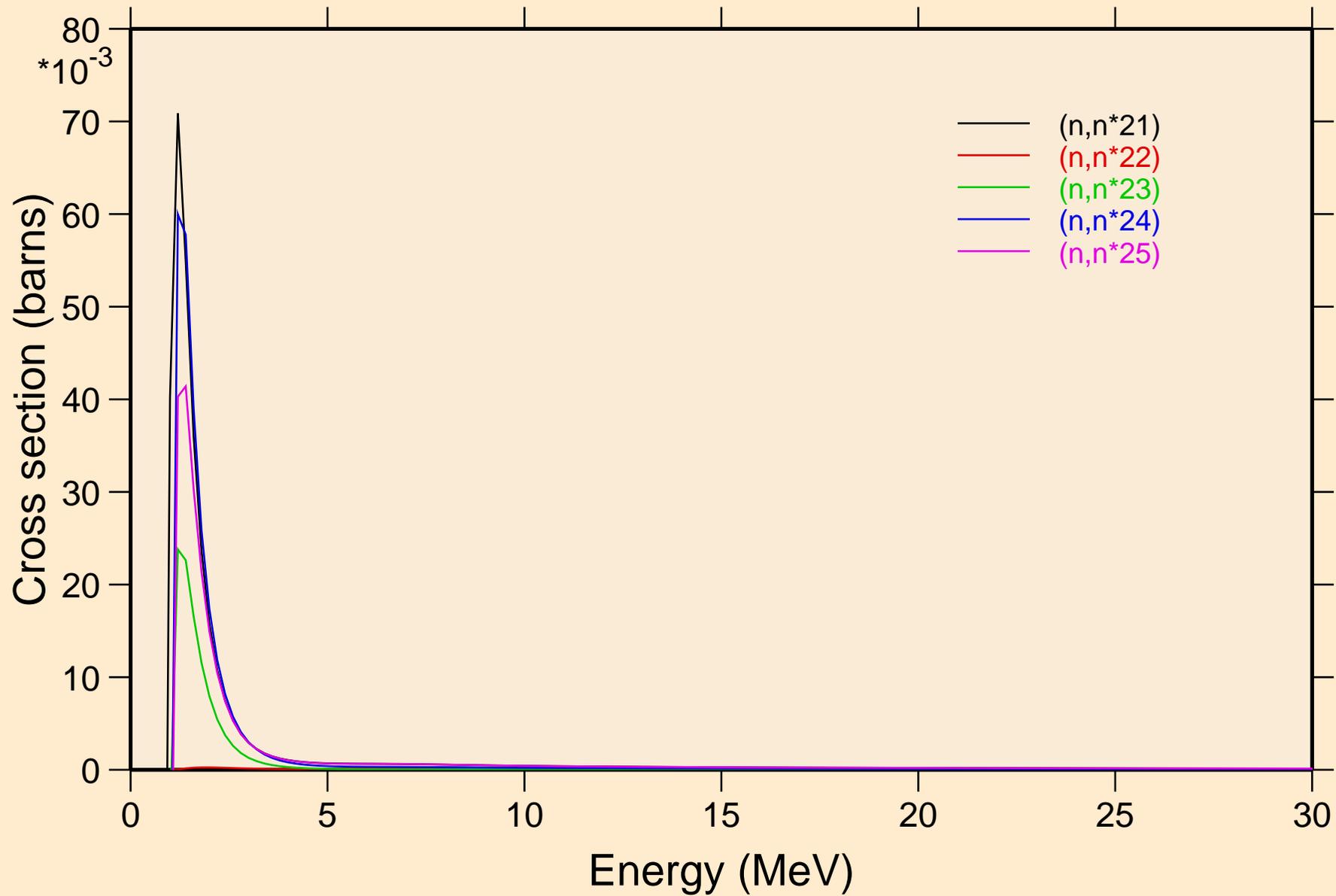
# YB173 NRG TENDL-2015, AKONING

## Inelastic levels



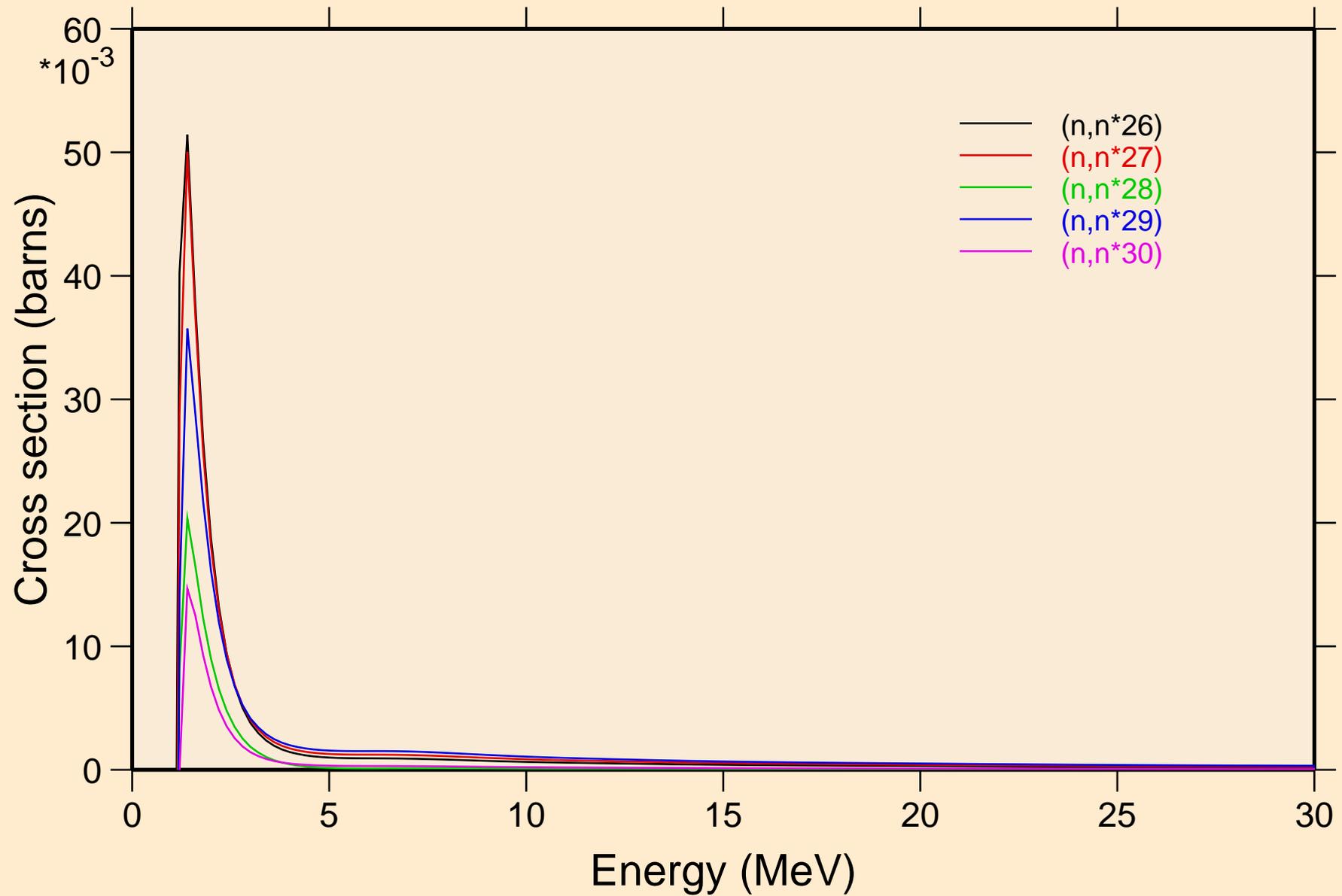
# YB173 NRG TENDL-2015, AKONING

## Inelastic levels



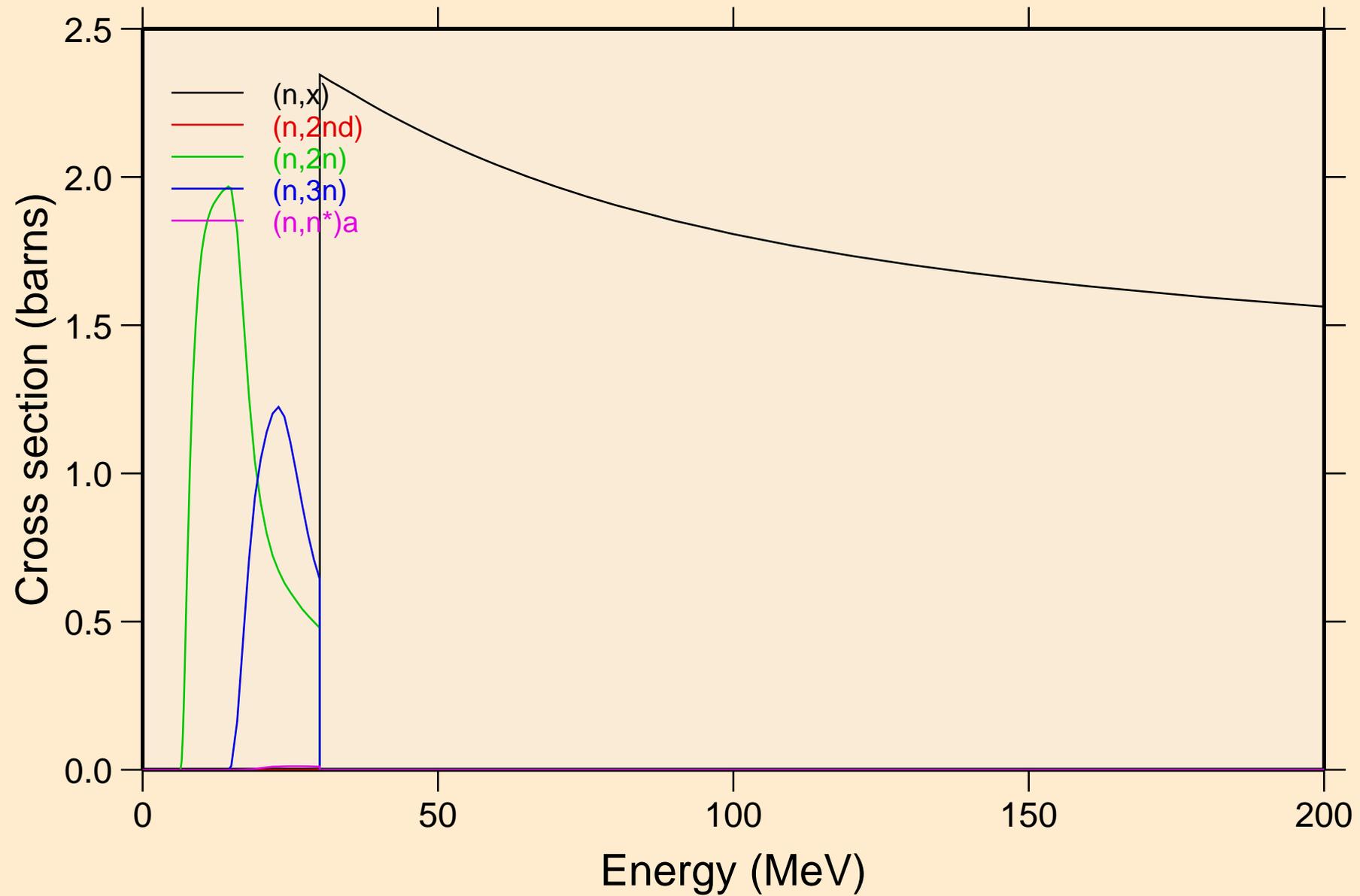
# YB173 NRG TENDL-2015, AKONING

## Inelastic levels



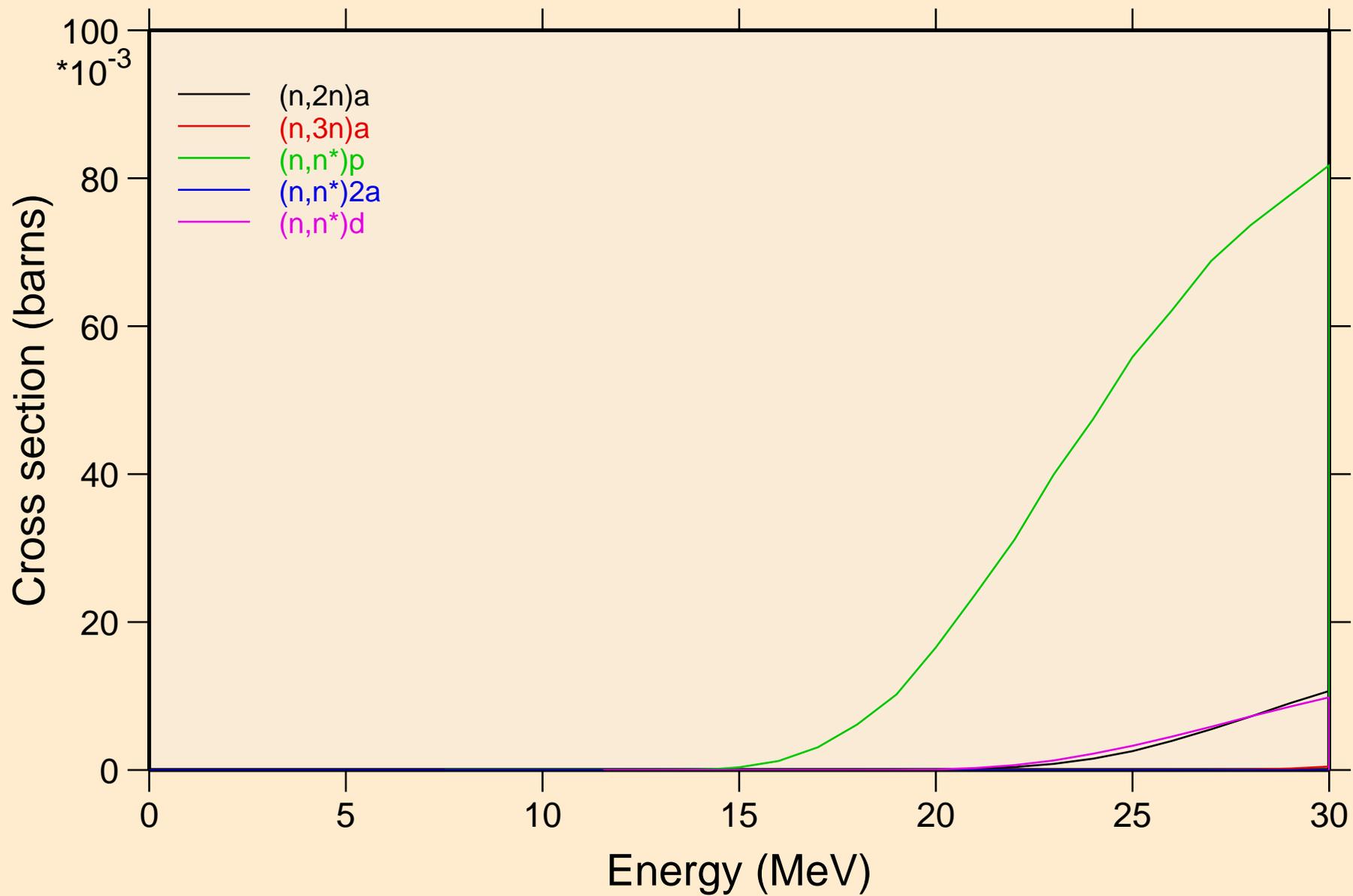
# YB173 NRG TENDL-2015, AKONING

## Threshold reactions



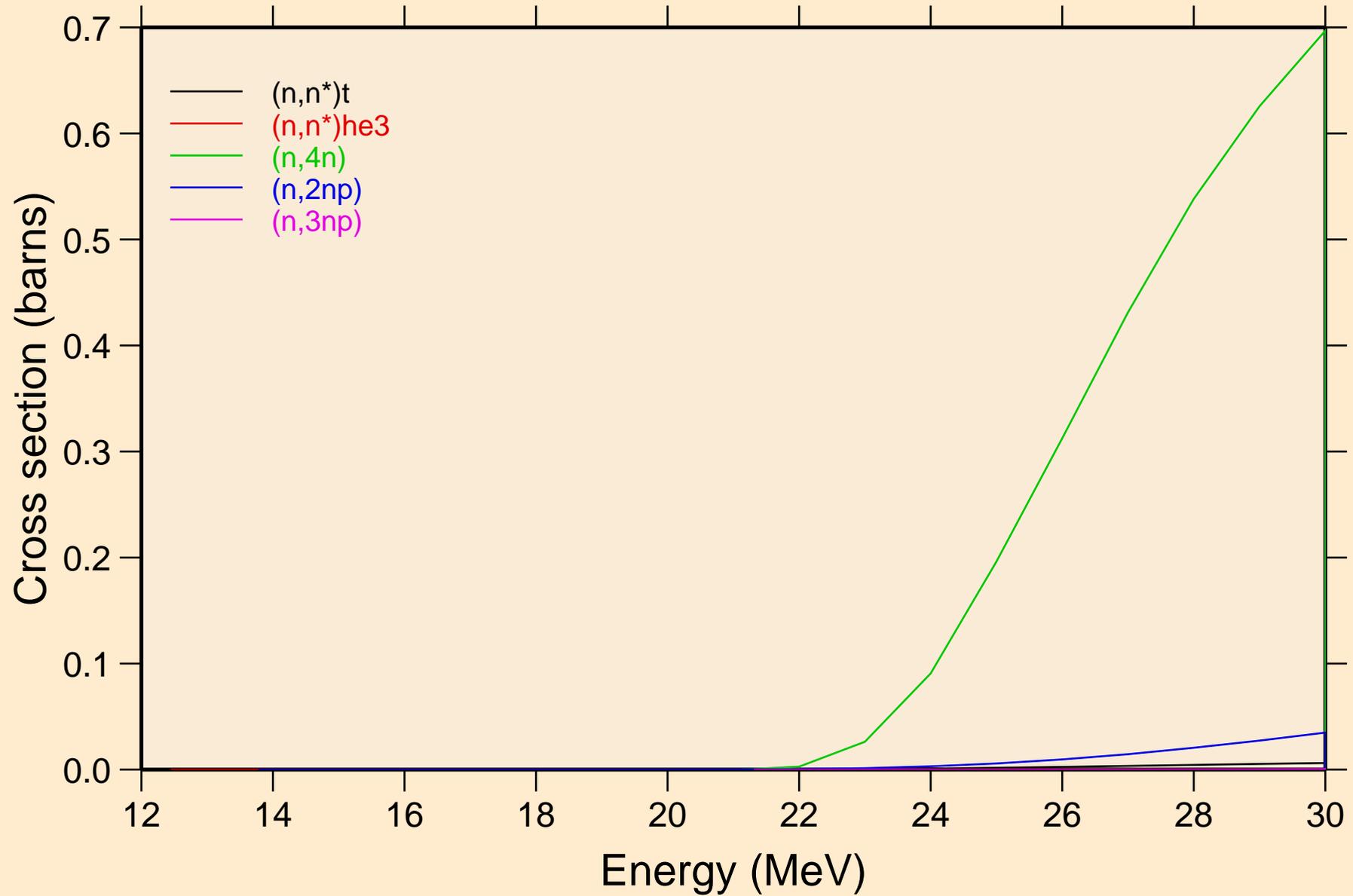
# YB173 NRG TENDL-2015, AKONING

## Threshold reactions



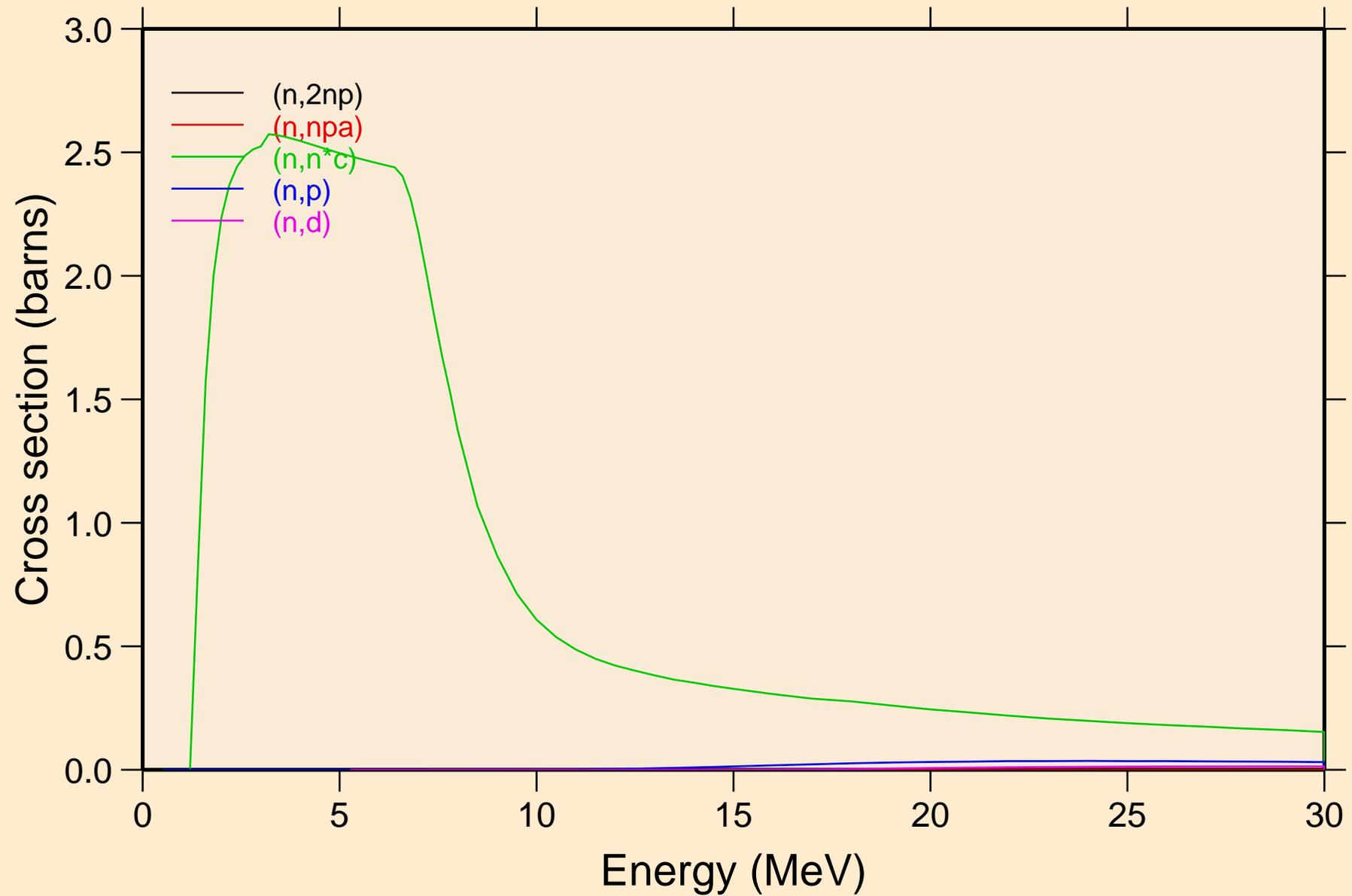
# YB173 NRG TENDL-2015, AKONING

## Threshold reactions



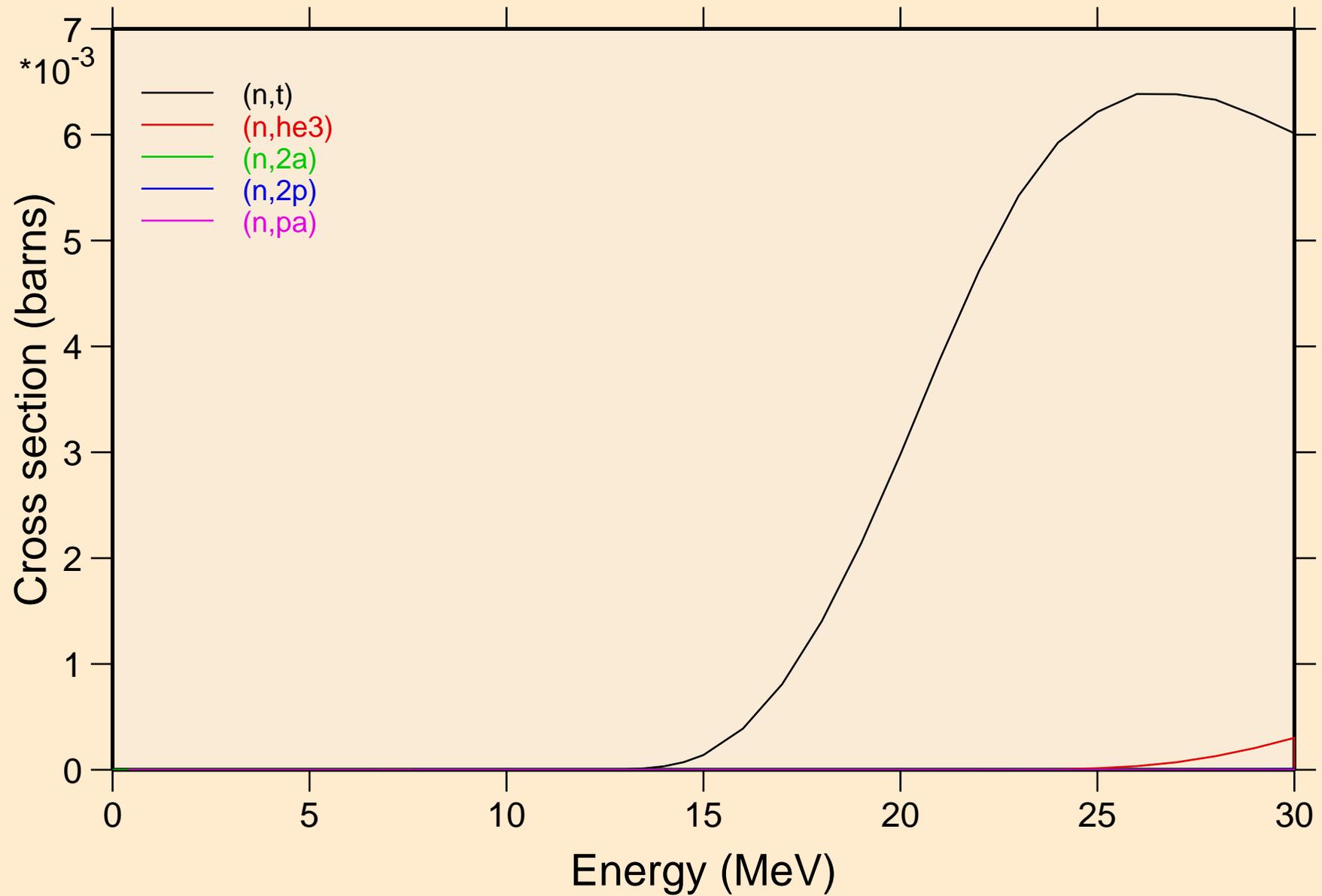
# YB173 NRG TENDL-2015, AKONING

## Threshold reactions



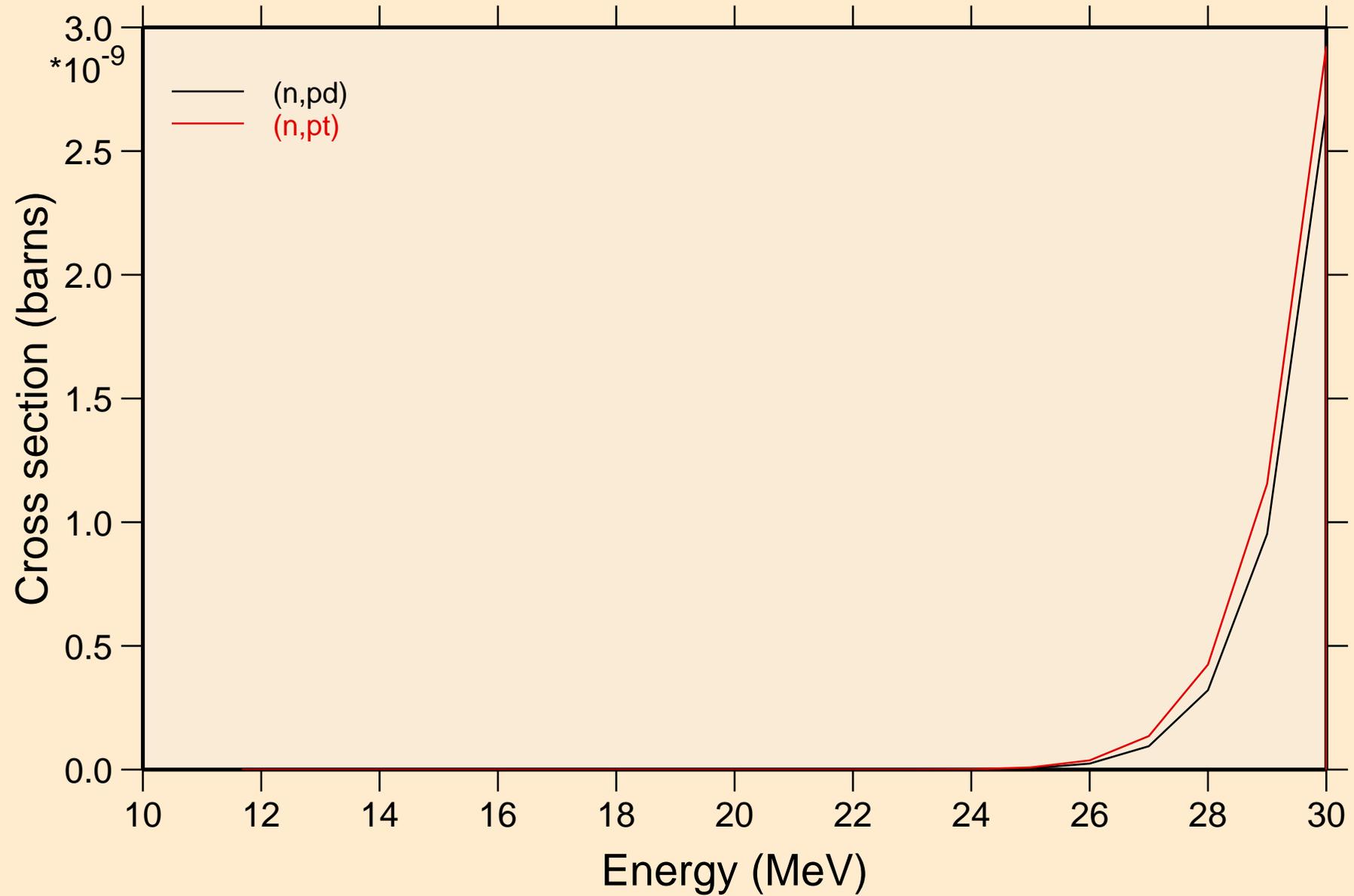
# YB173 NRG TENDL-2015, AKONING

## Threshold reactions

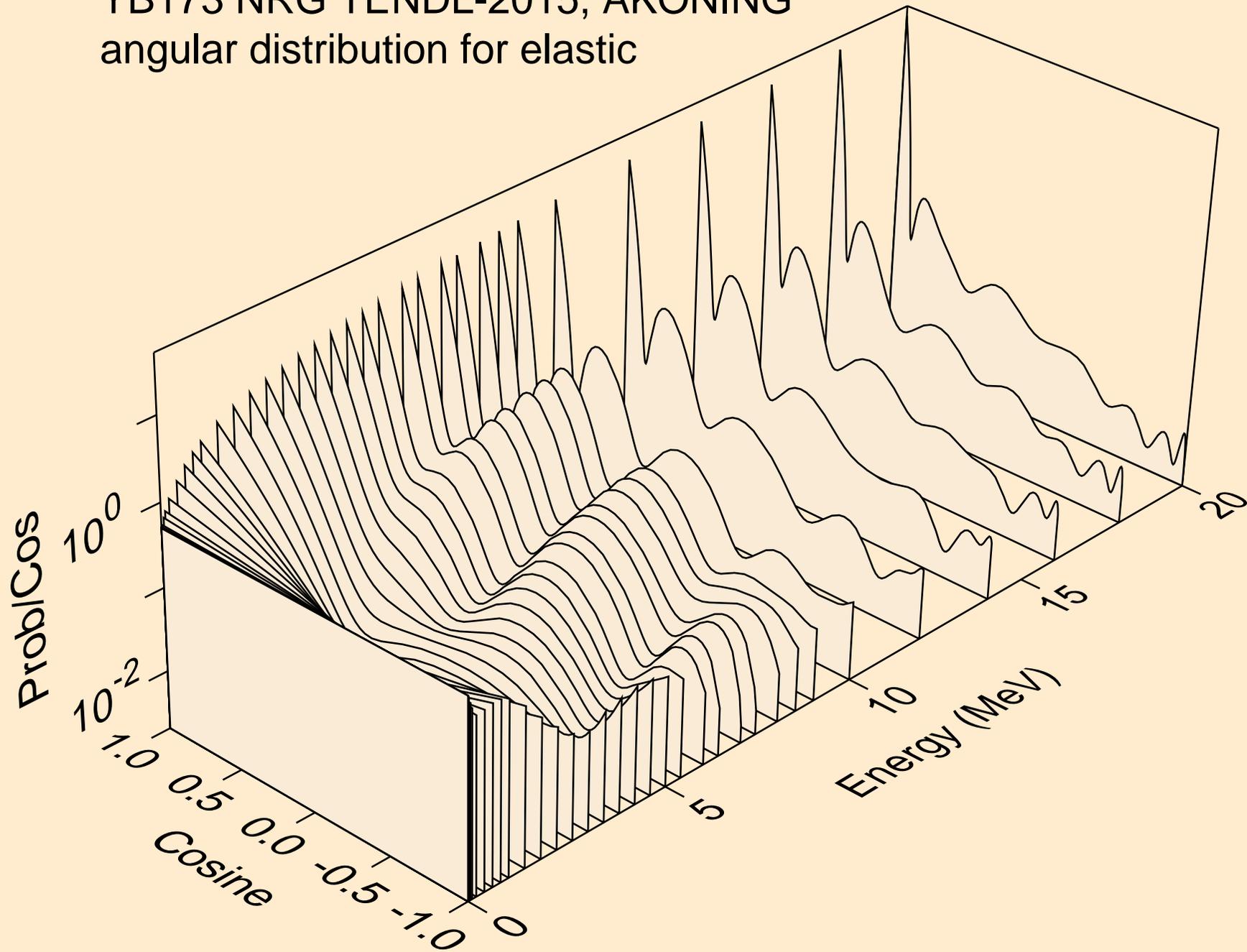


# YB173 NRG TENDL-2015, AKONING

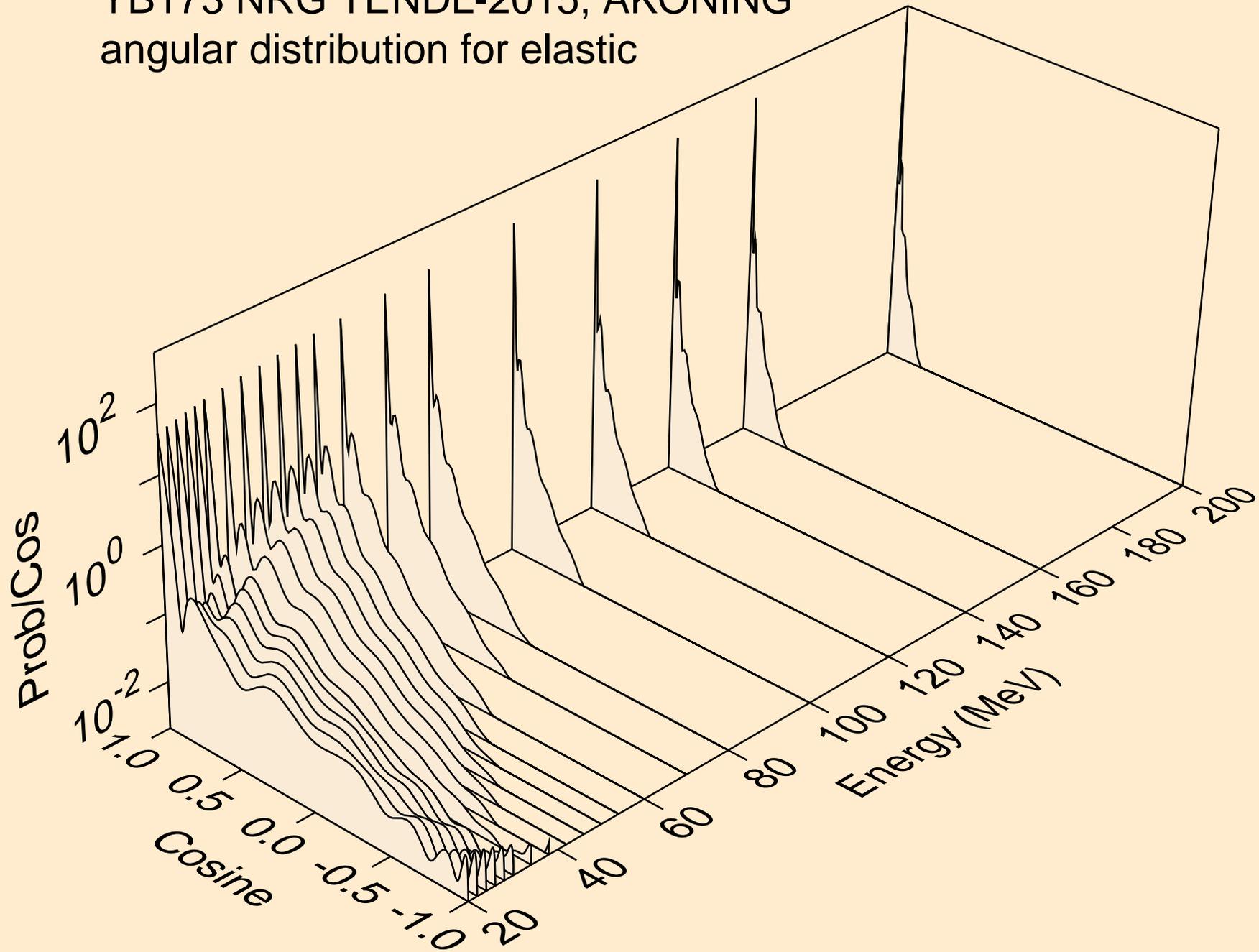
## Threshold reactions



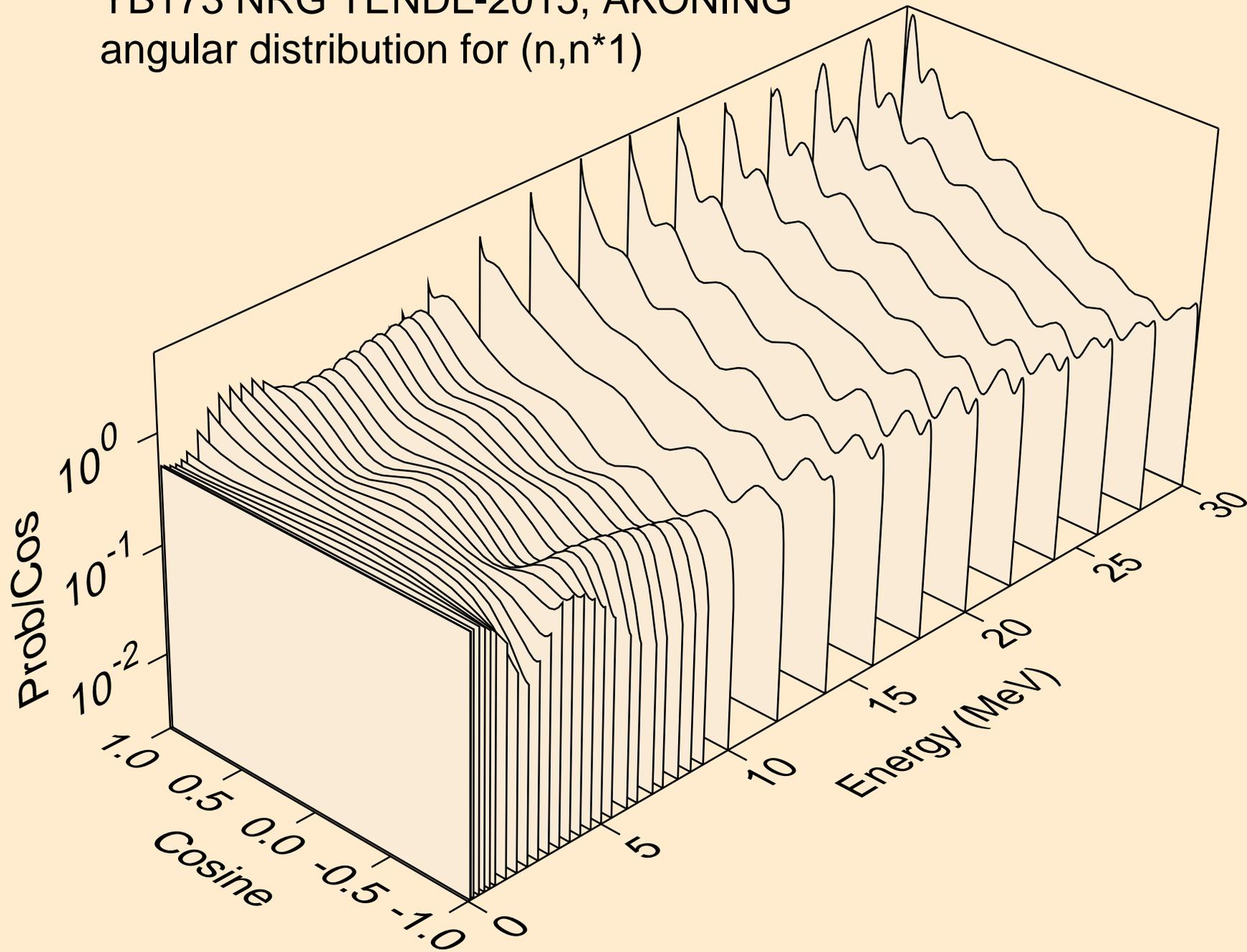
YB173 NRG TENDL-2015, AKONING  
angular distribution for elastic



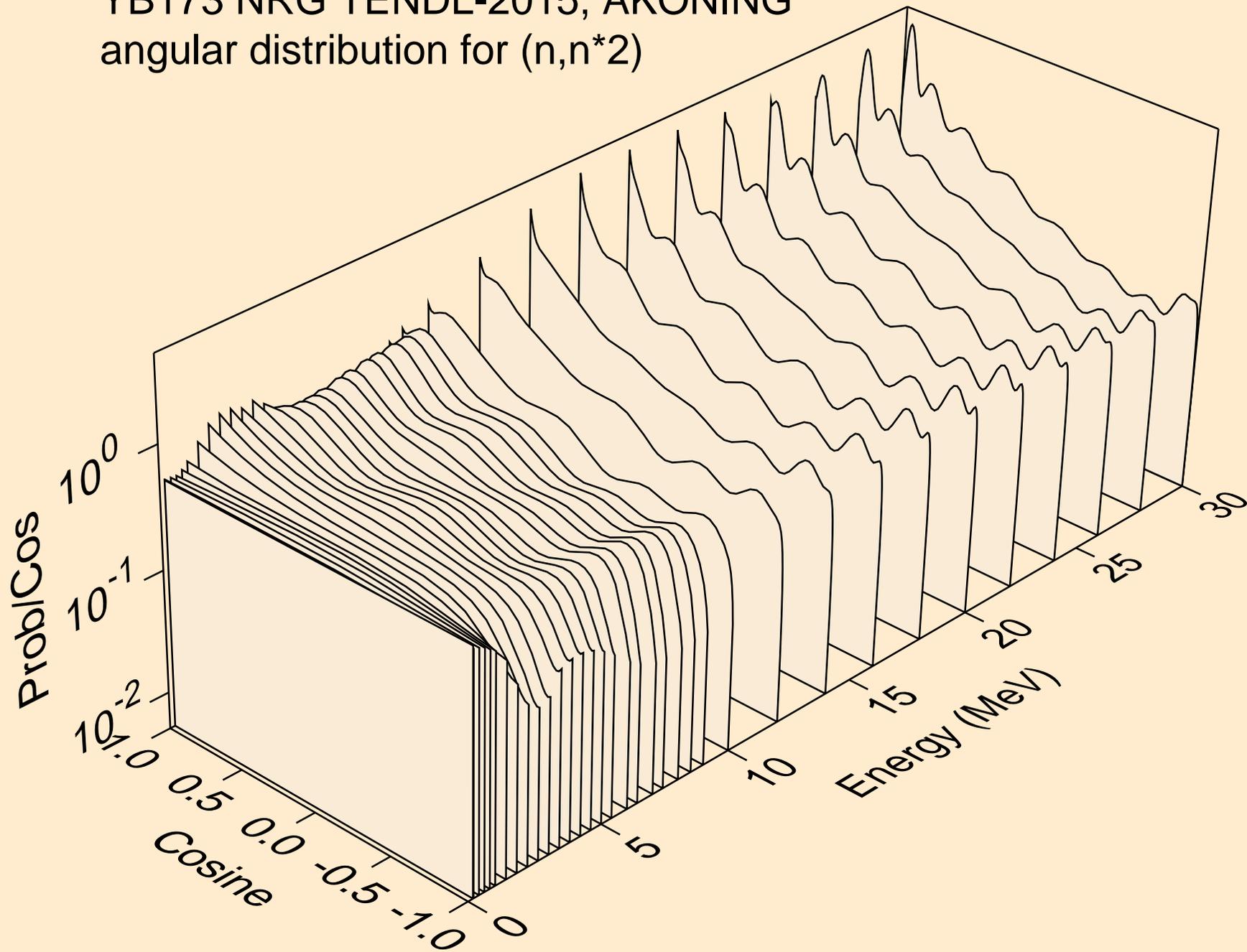
YB173 NRG TENDL-2015, AKONING  
angular distribution for elastic



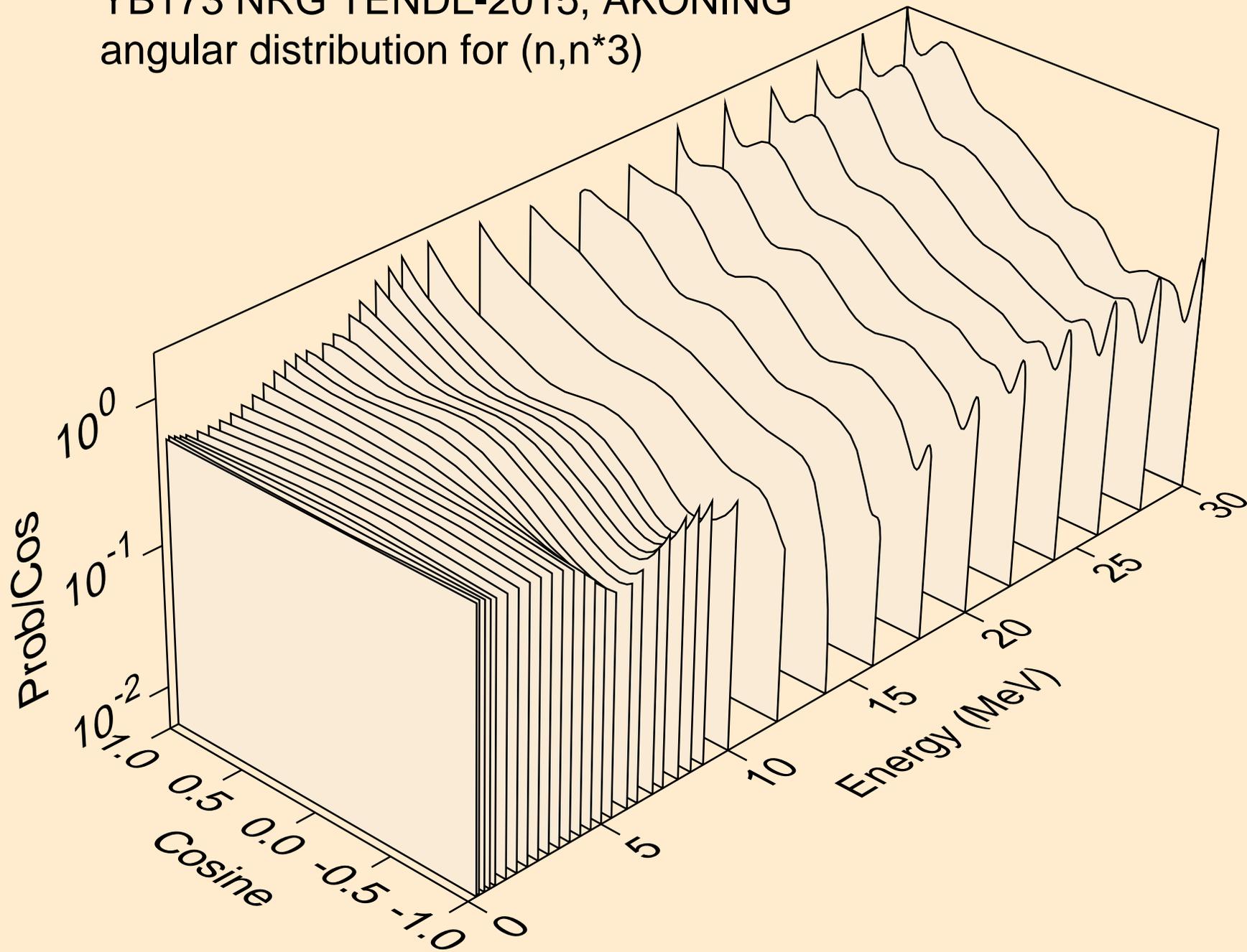
YB173 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



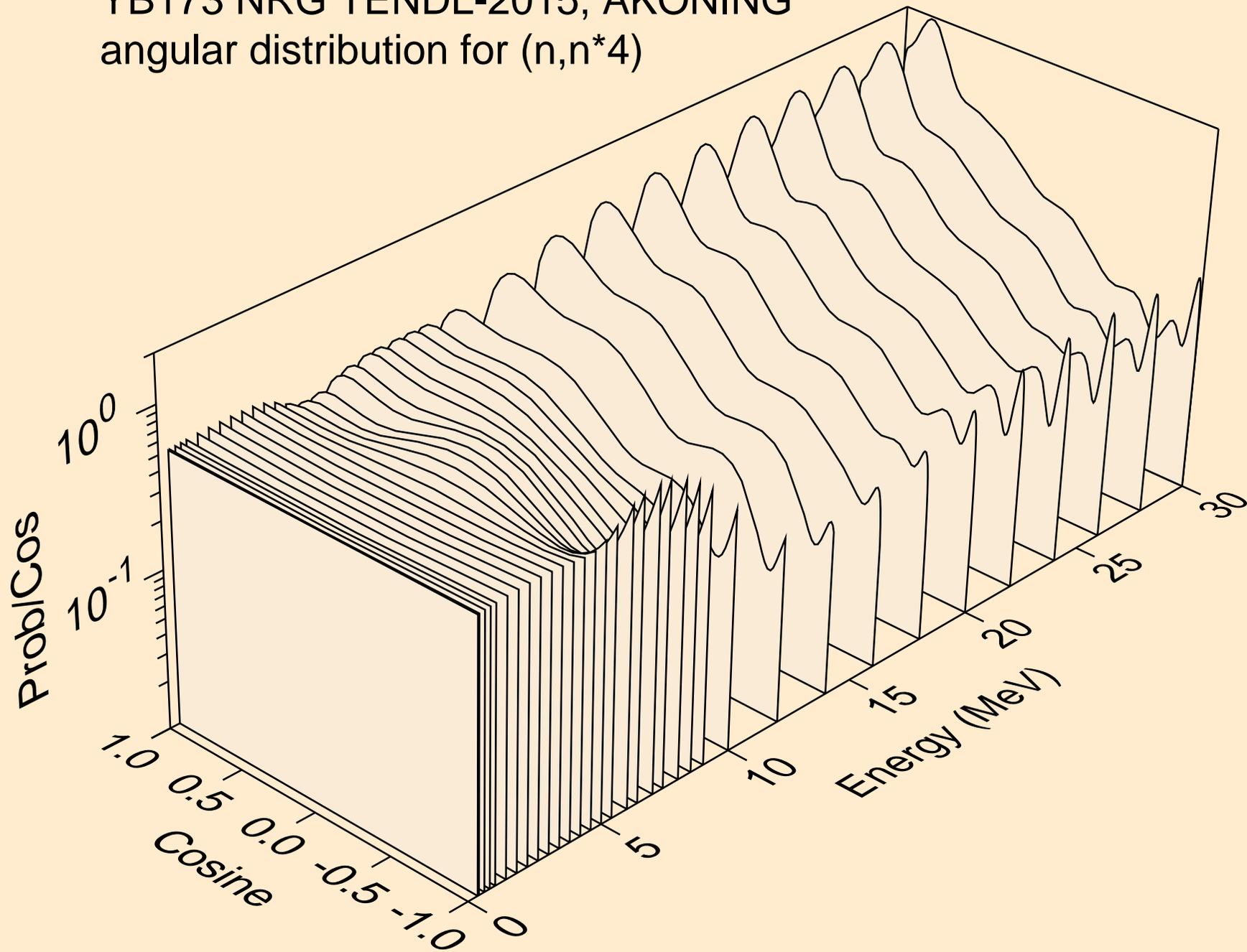
YB173 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



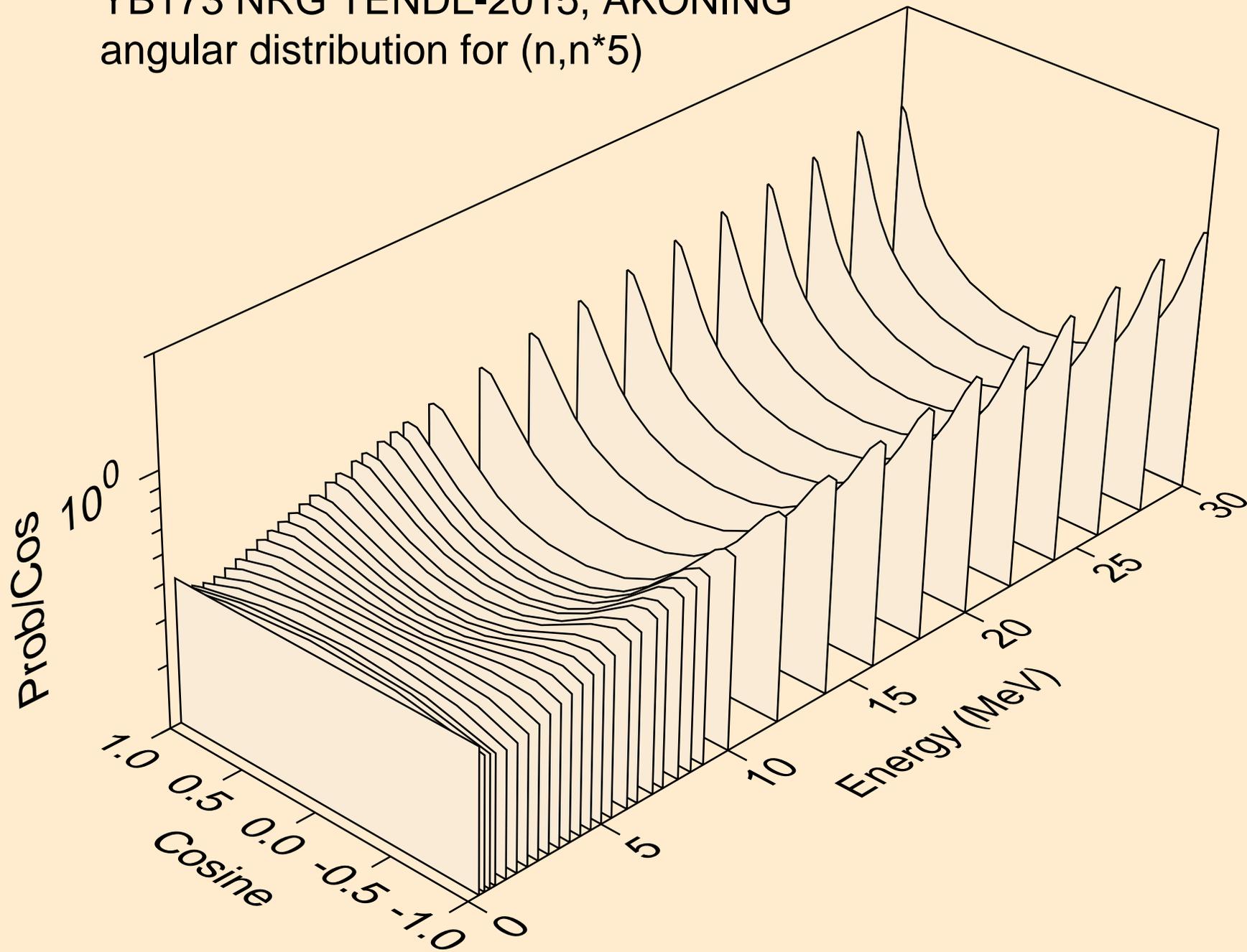
YB173 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



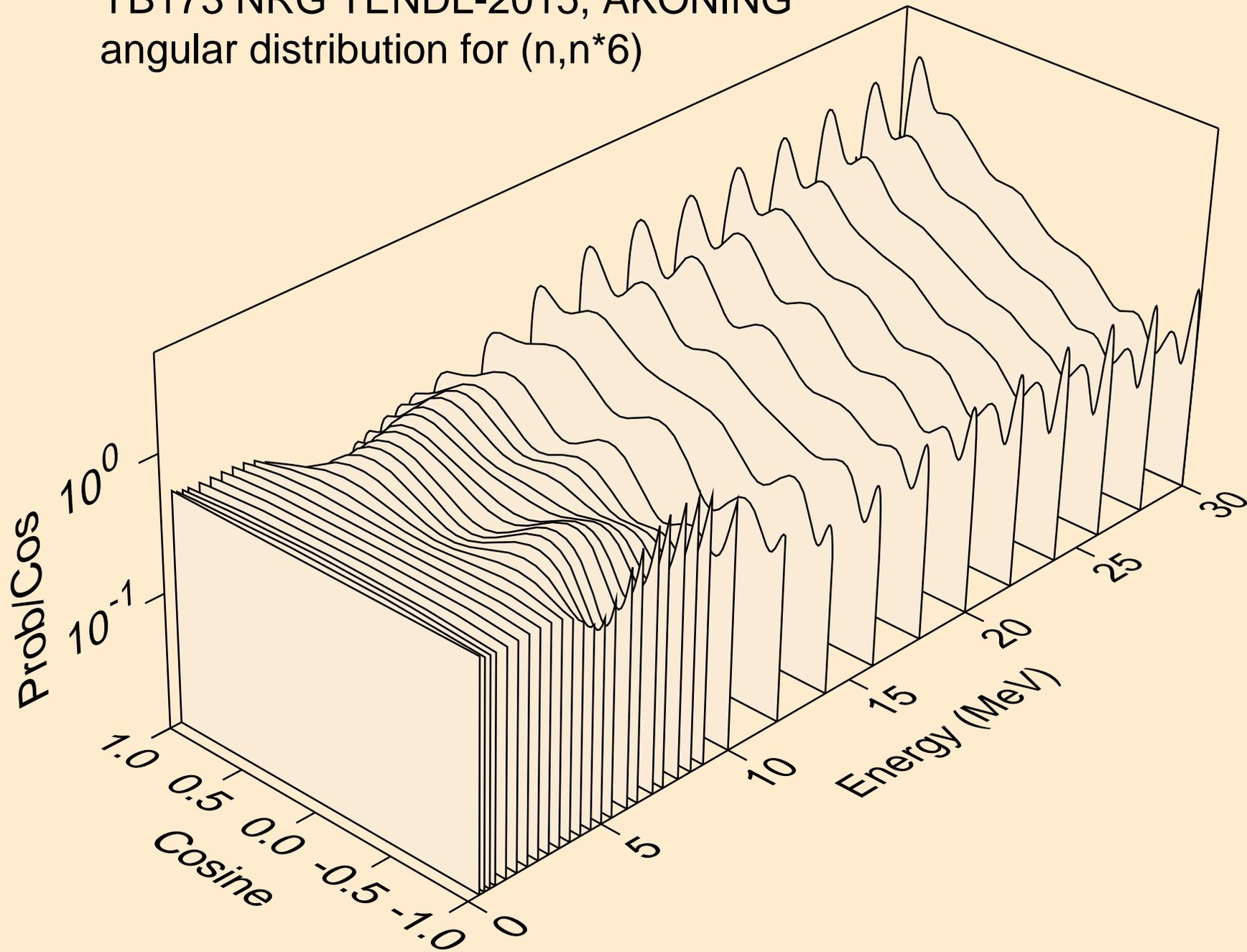
YB173 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



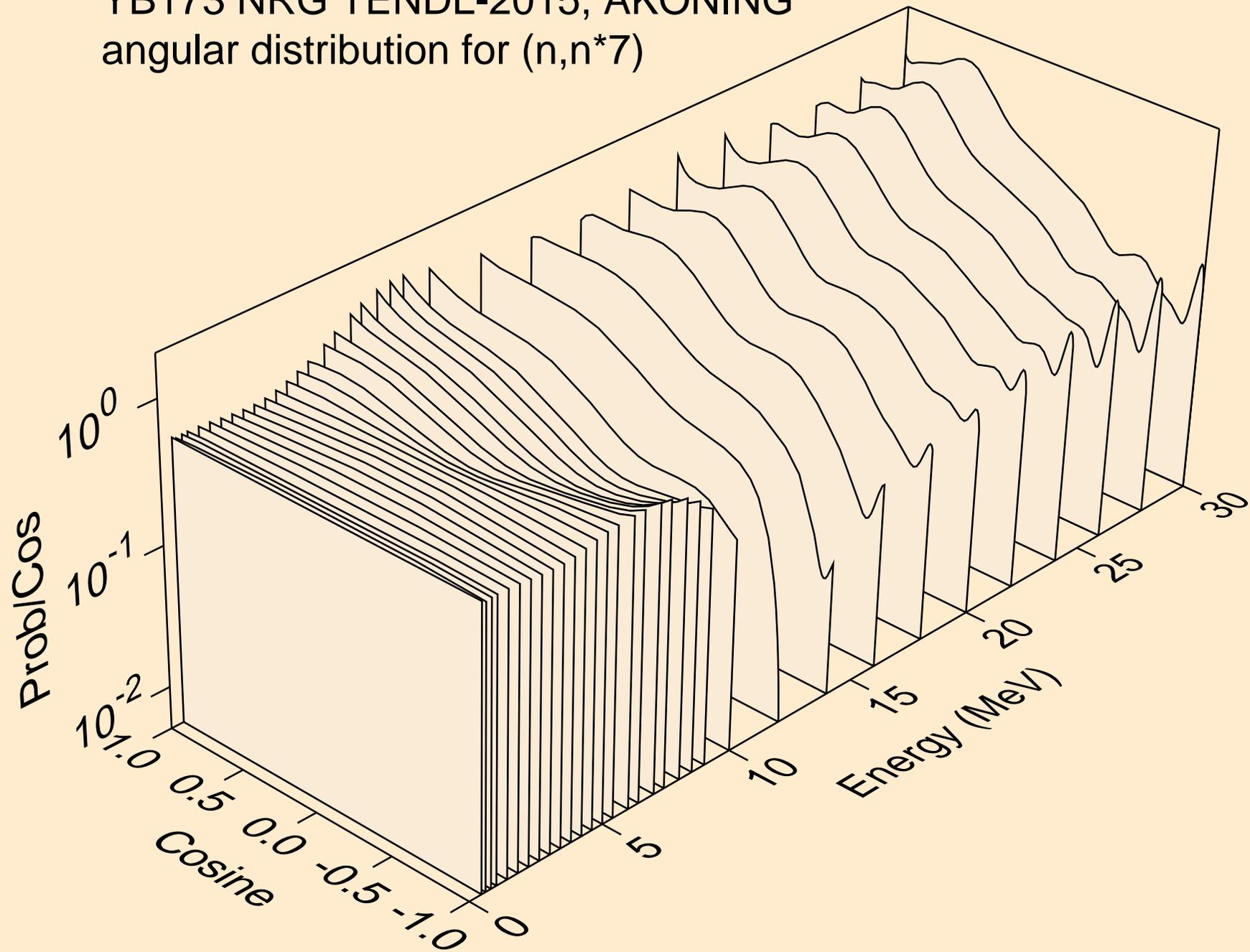
YB173 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



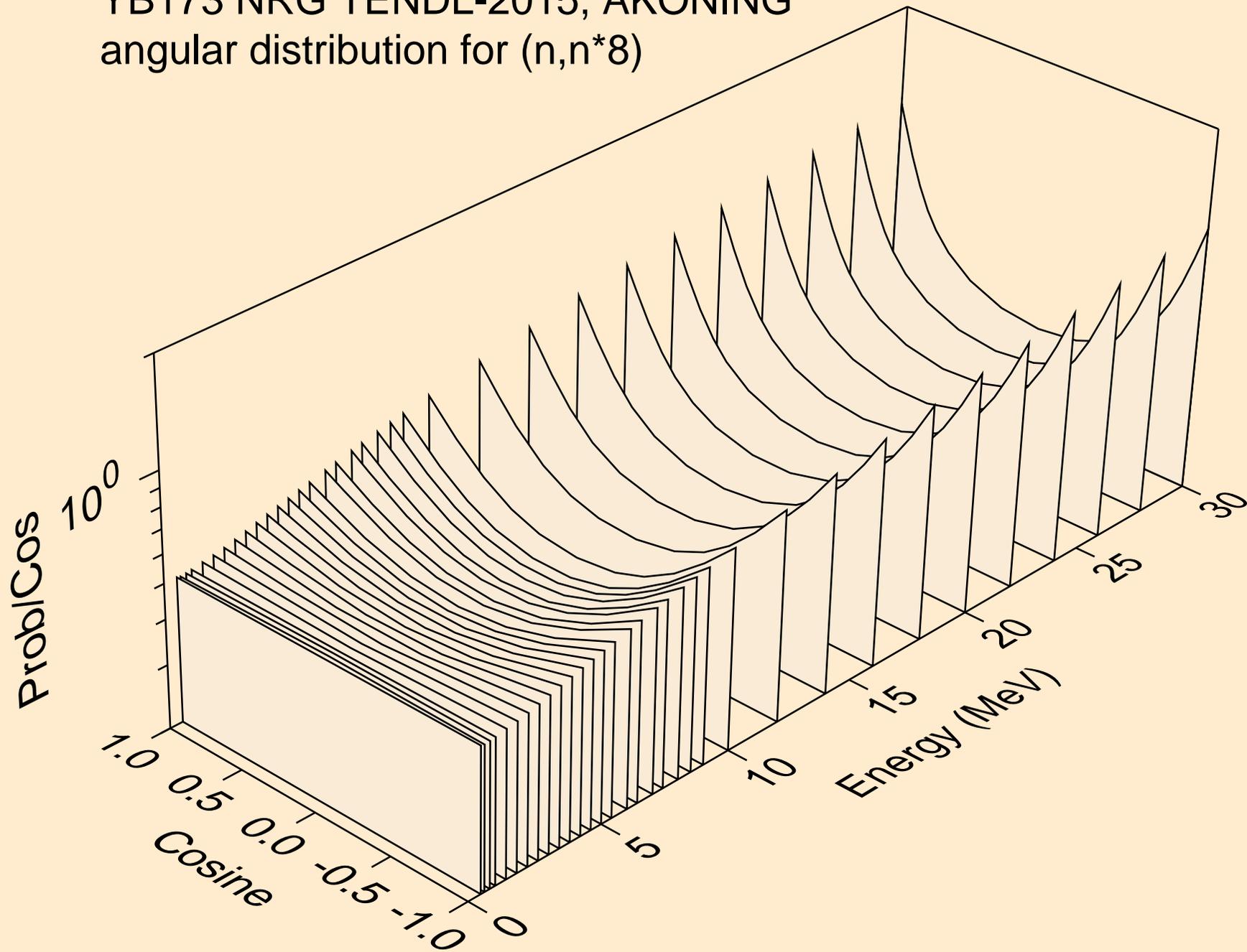
YB173 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



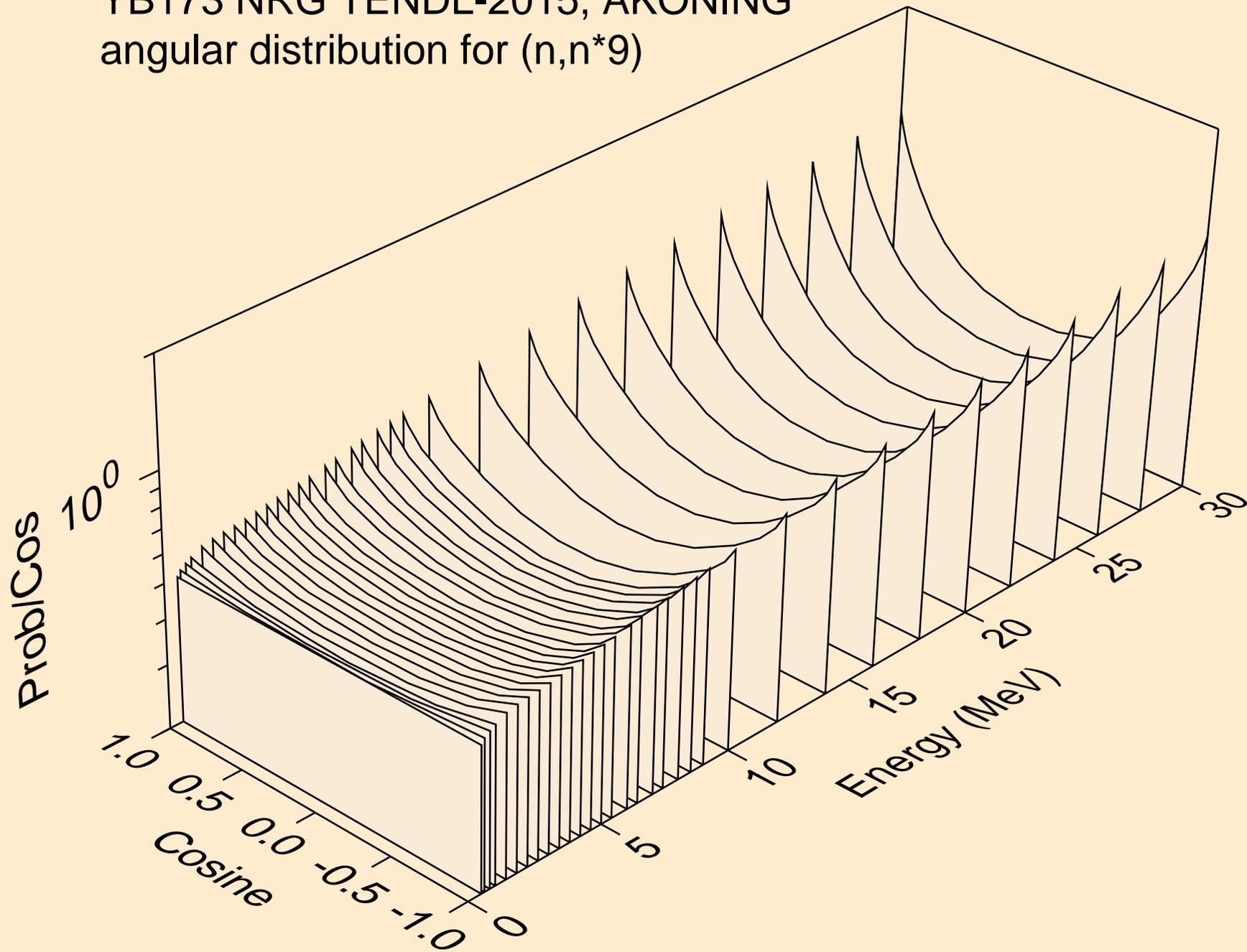
YB173 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



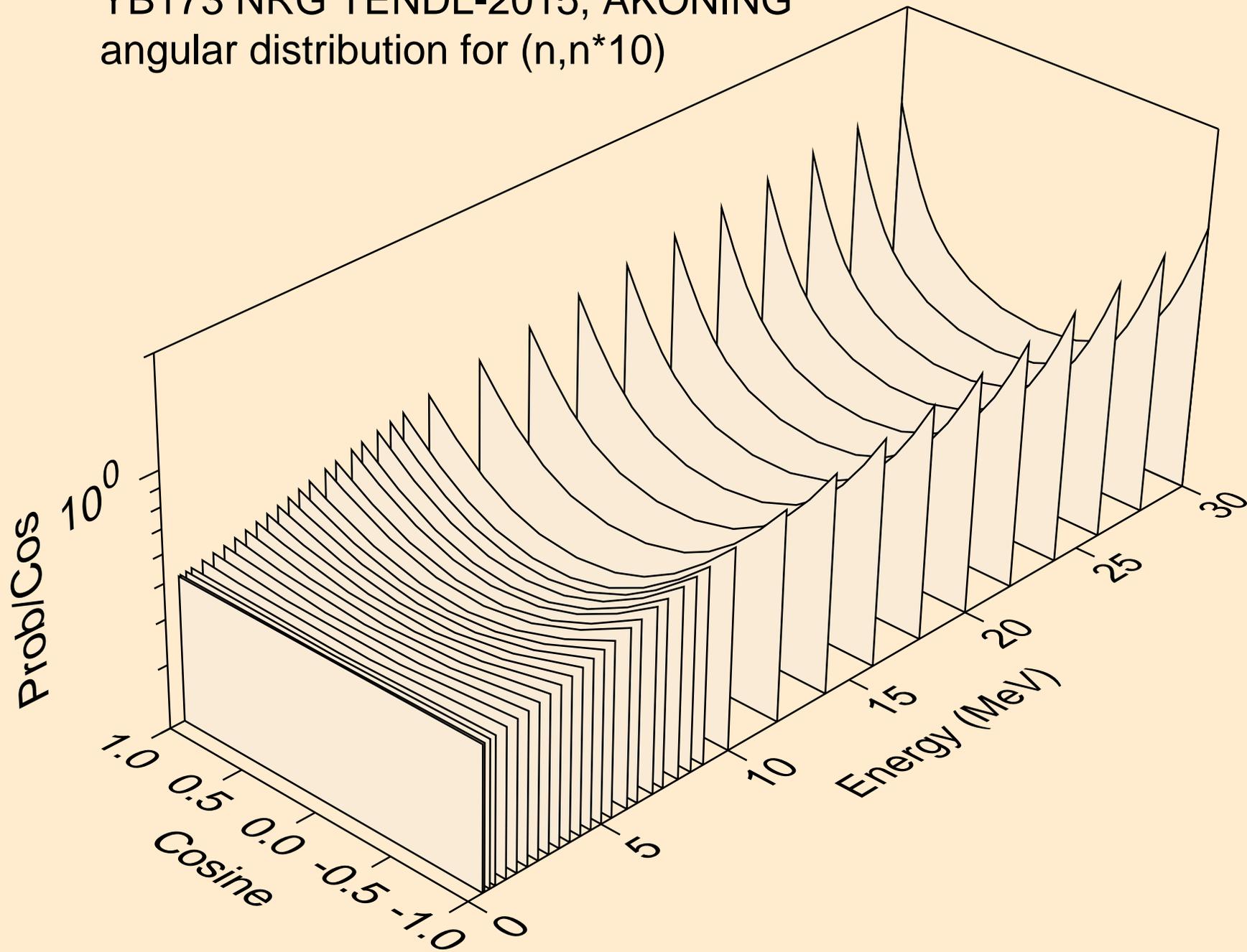
YB173 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



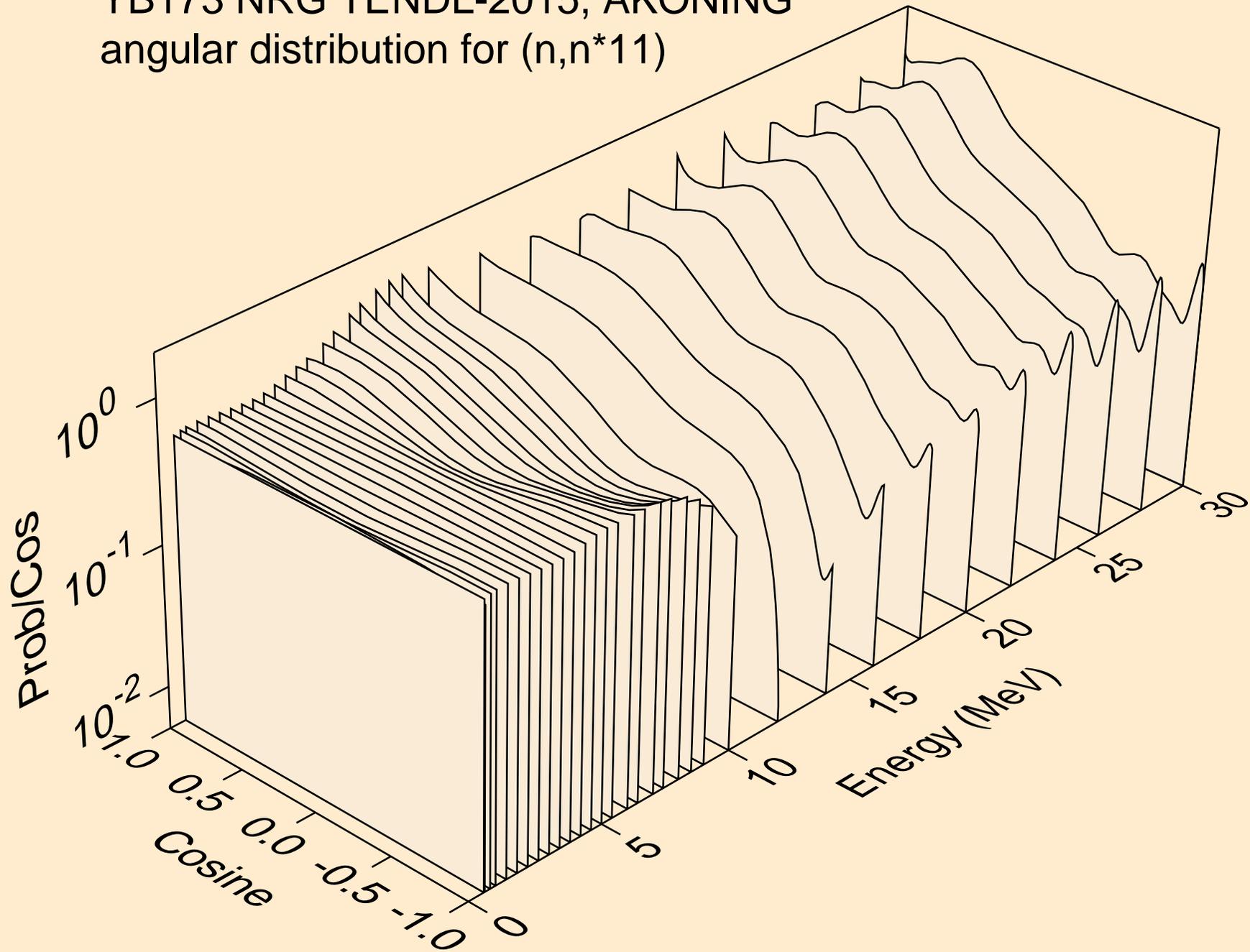
YB173 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



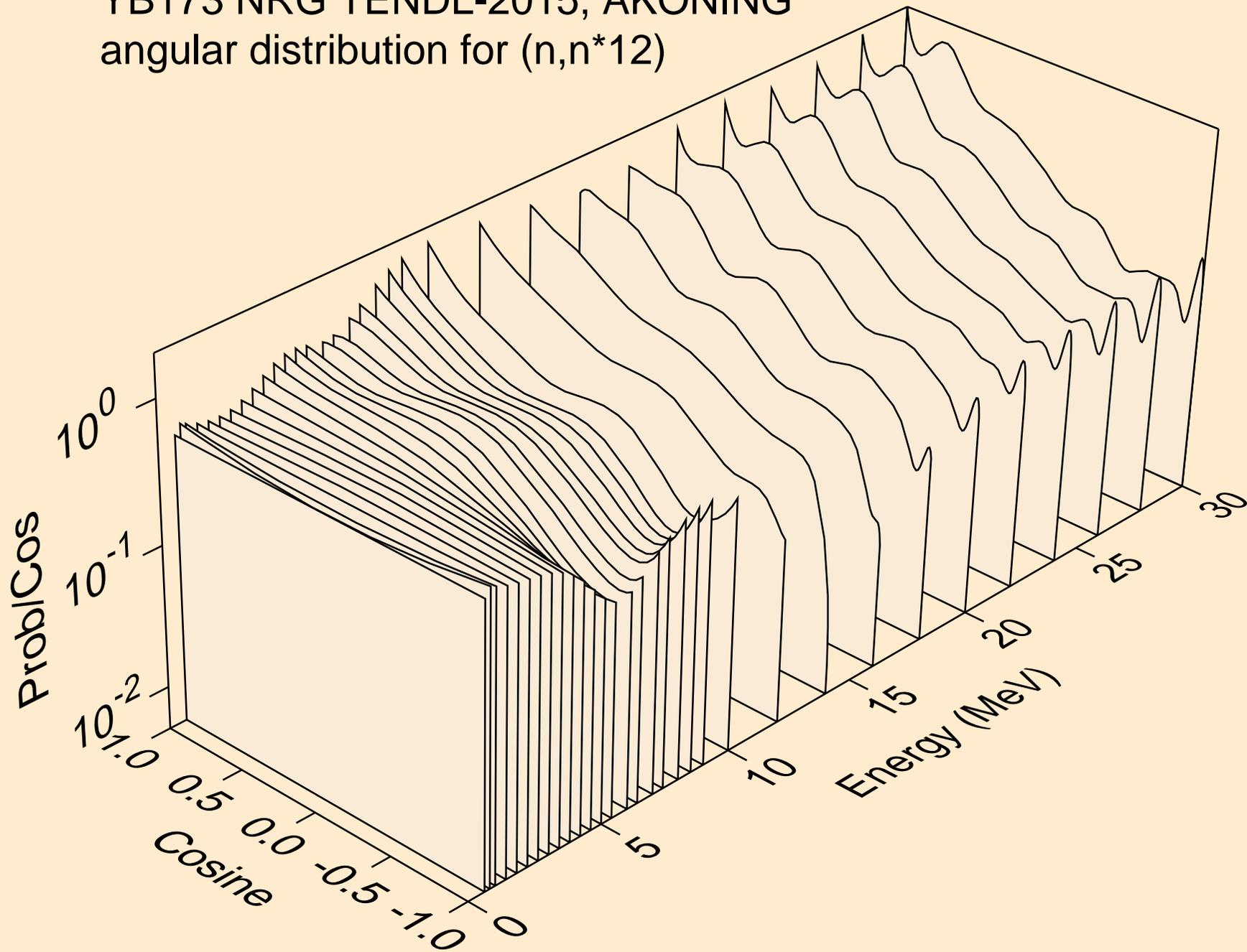
YB173 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



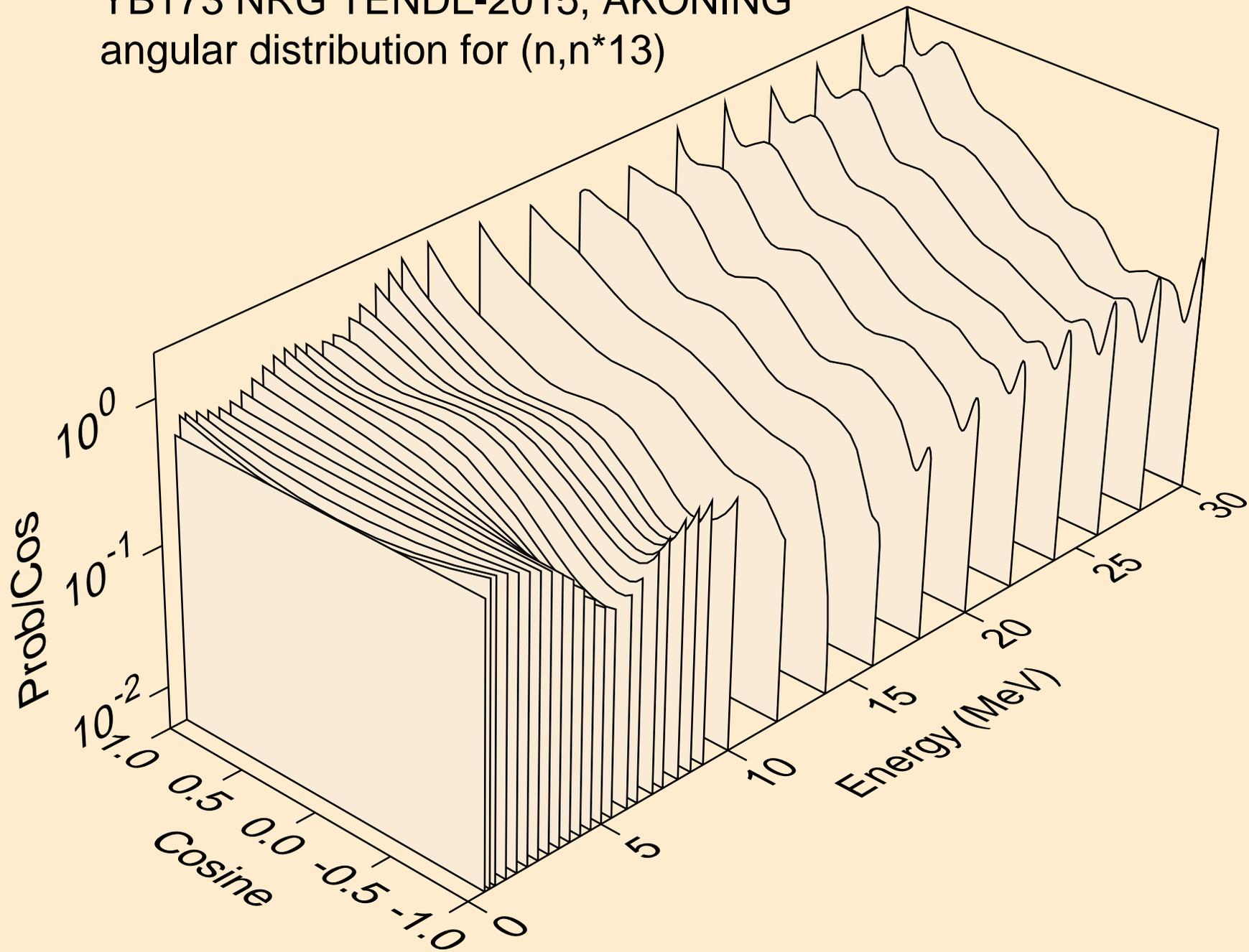
YB173 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



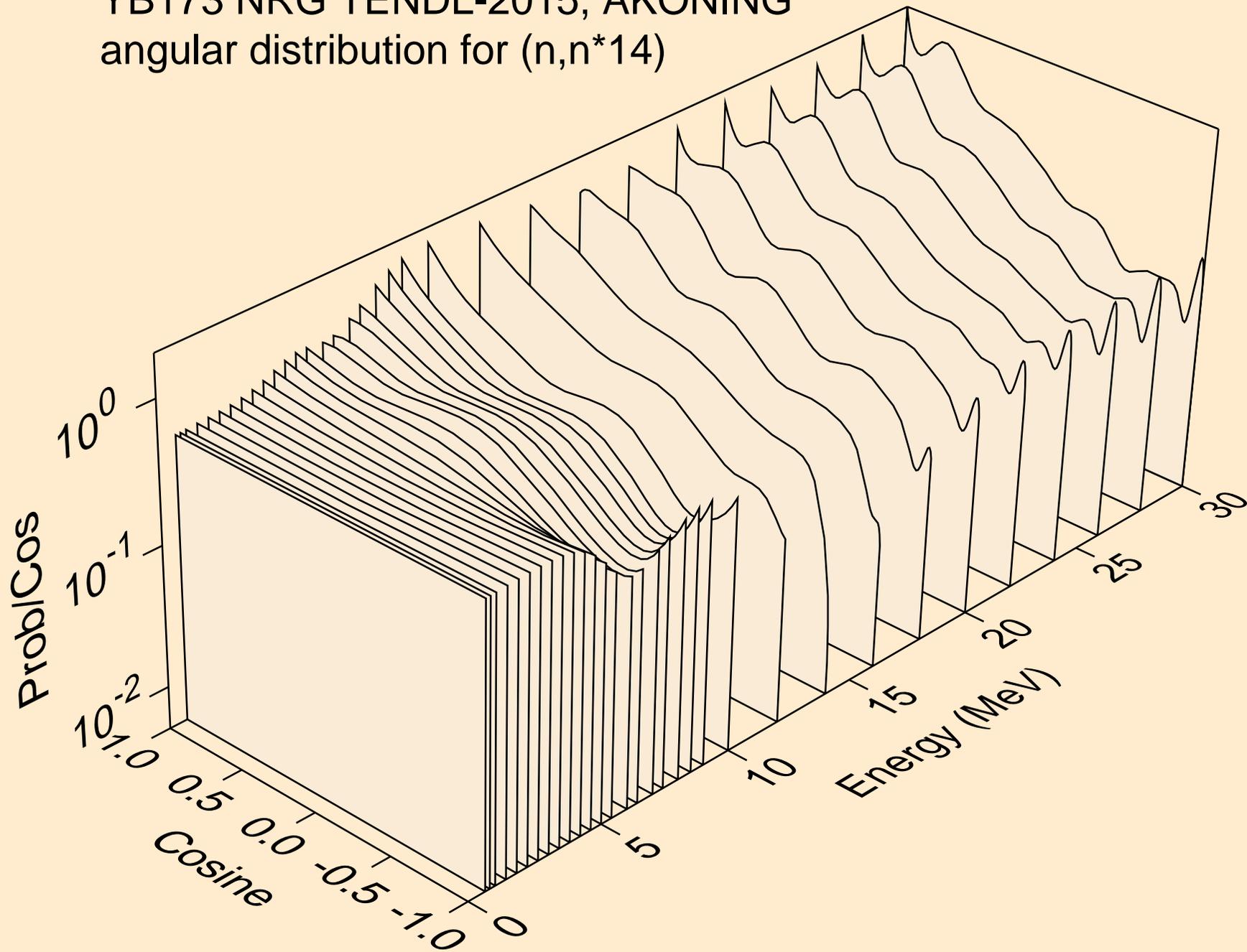
YB173 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



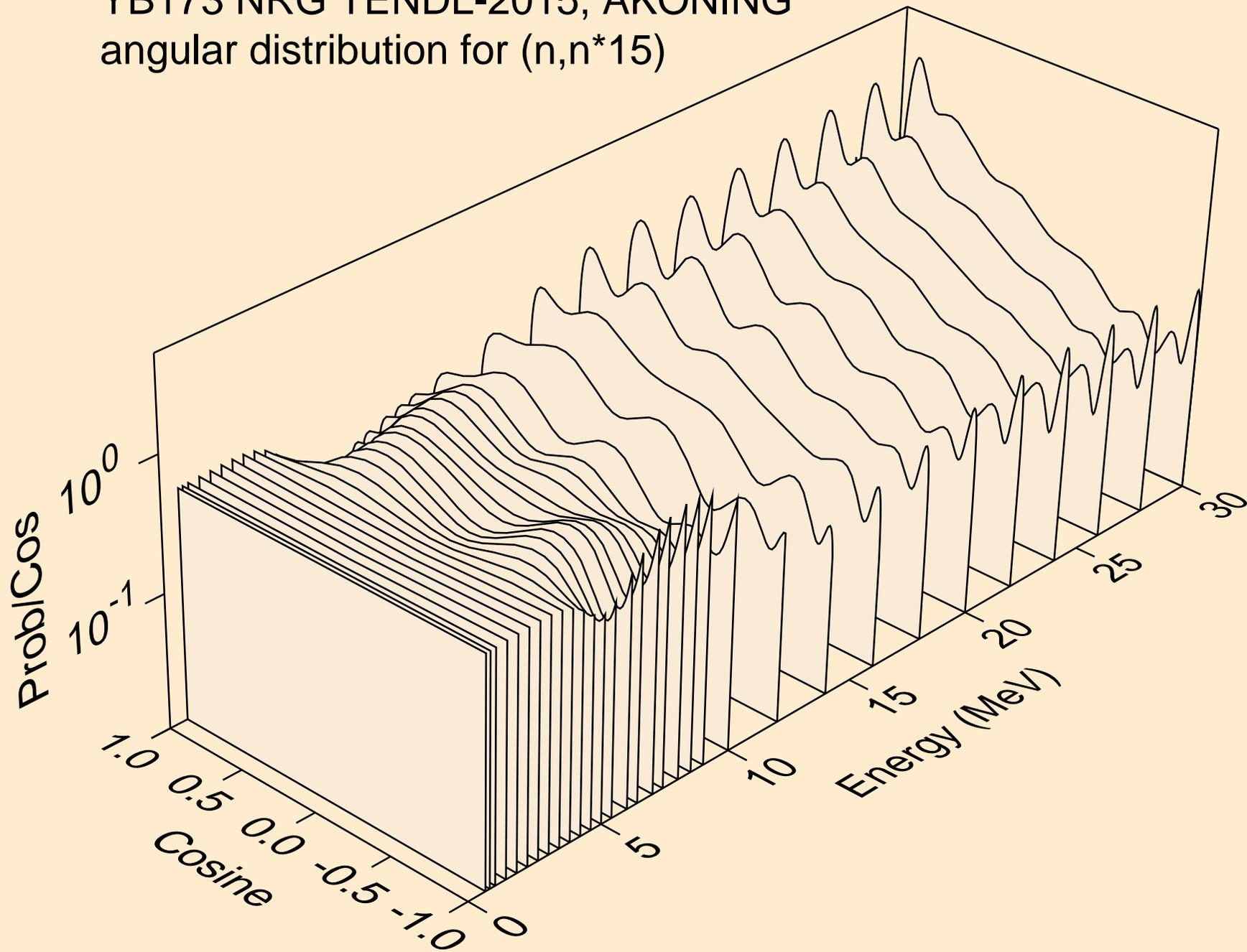
YB173 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



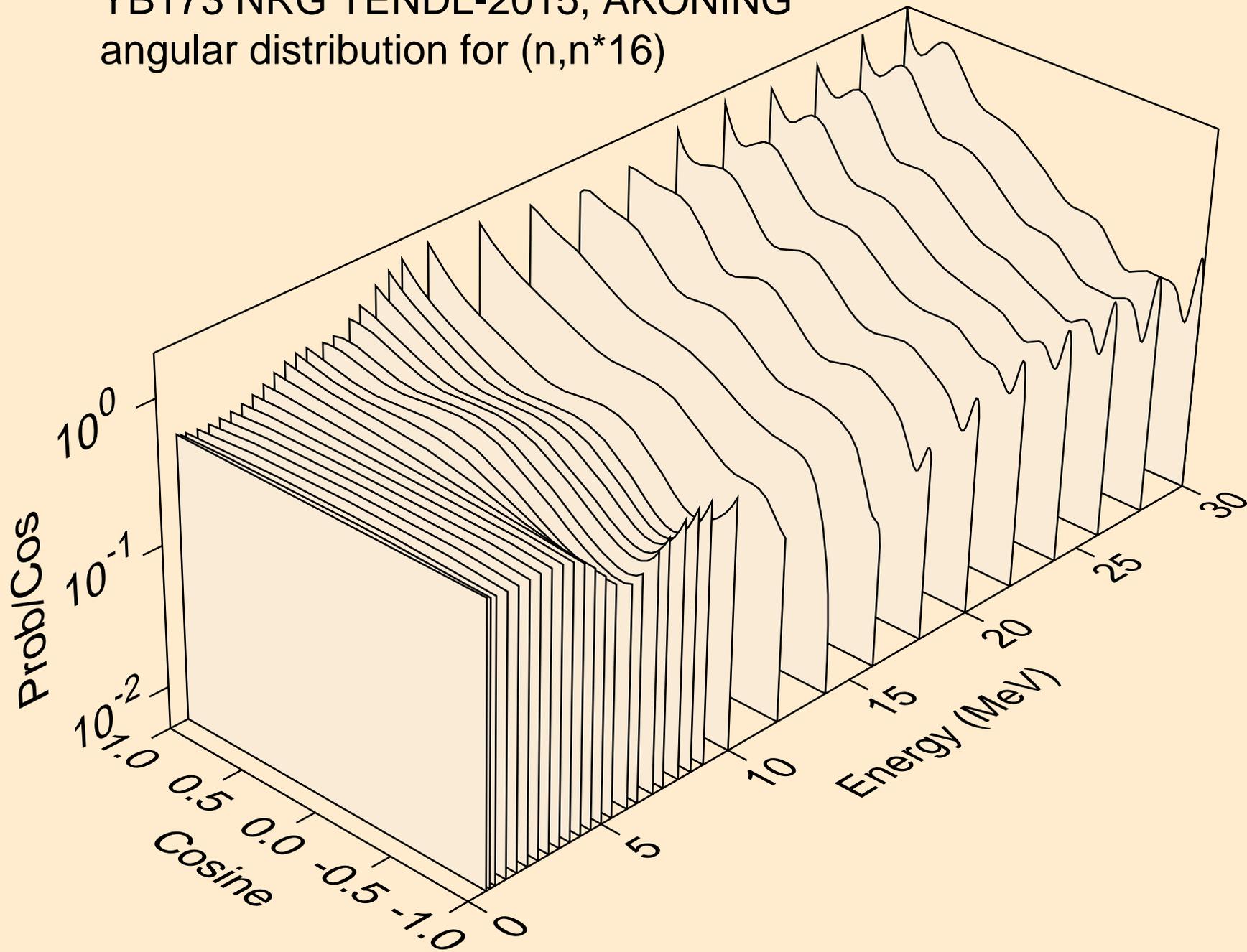
YB173 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



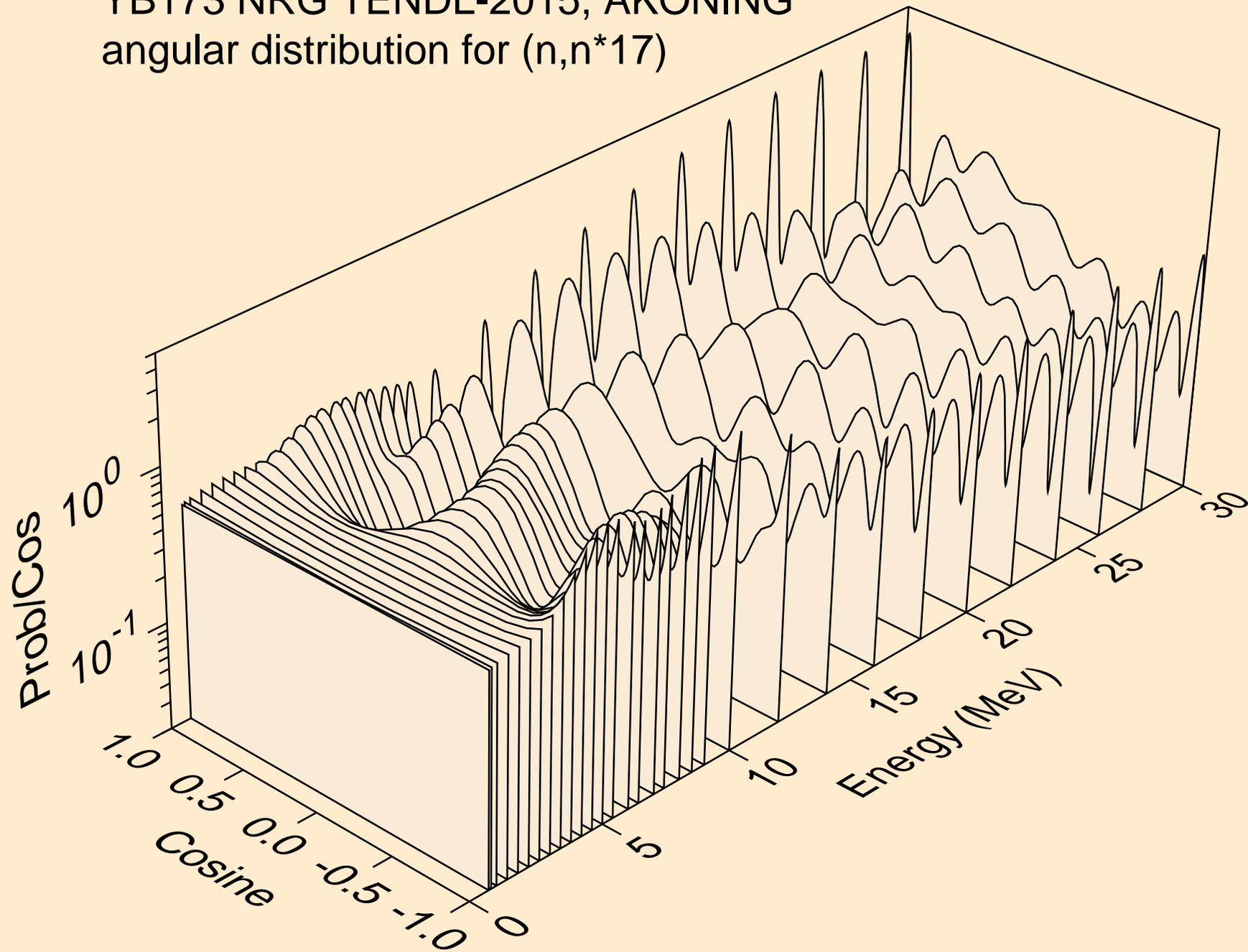
YB173 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



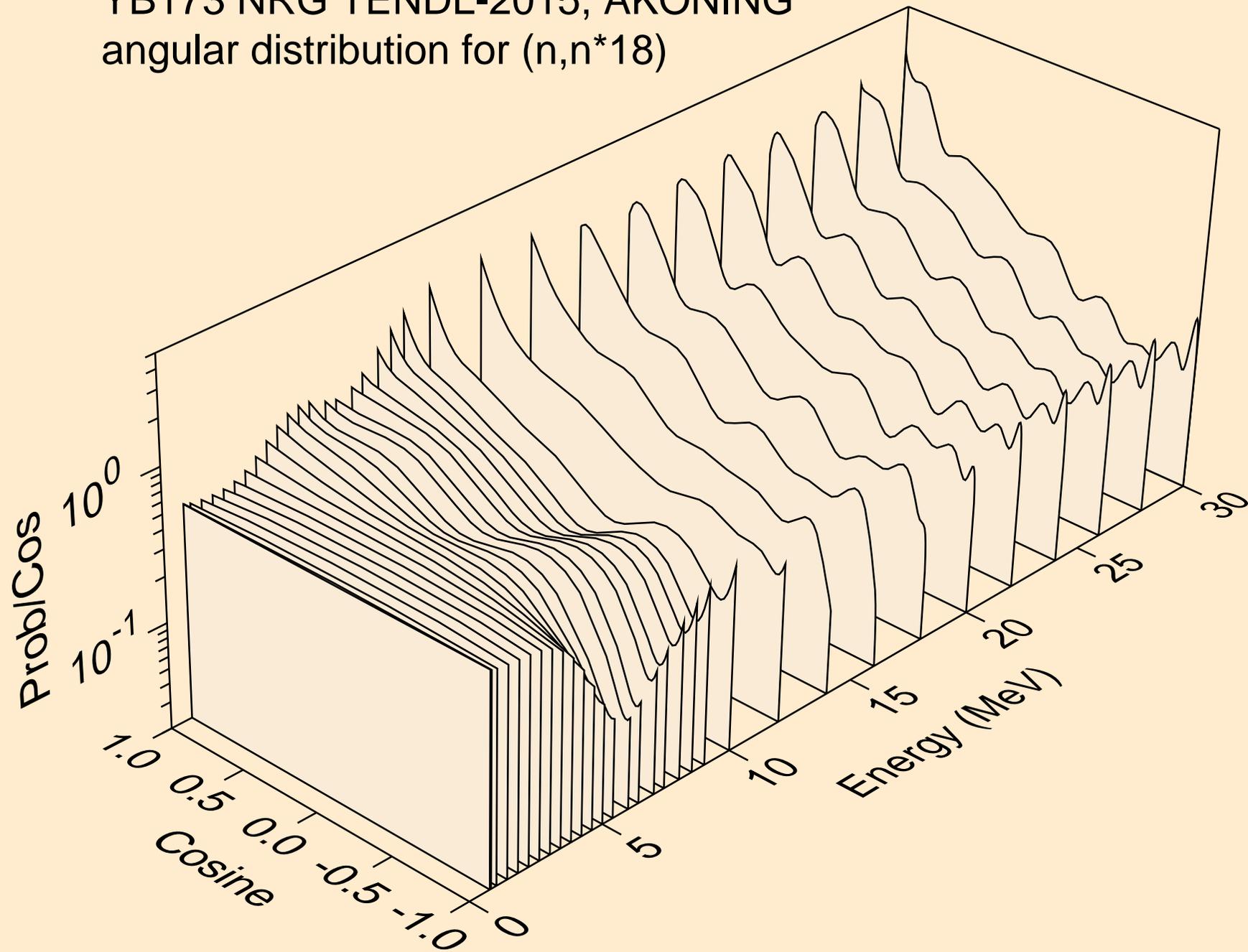
YB173 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



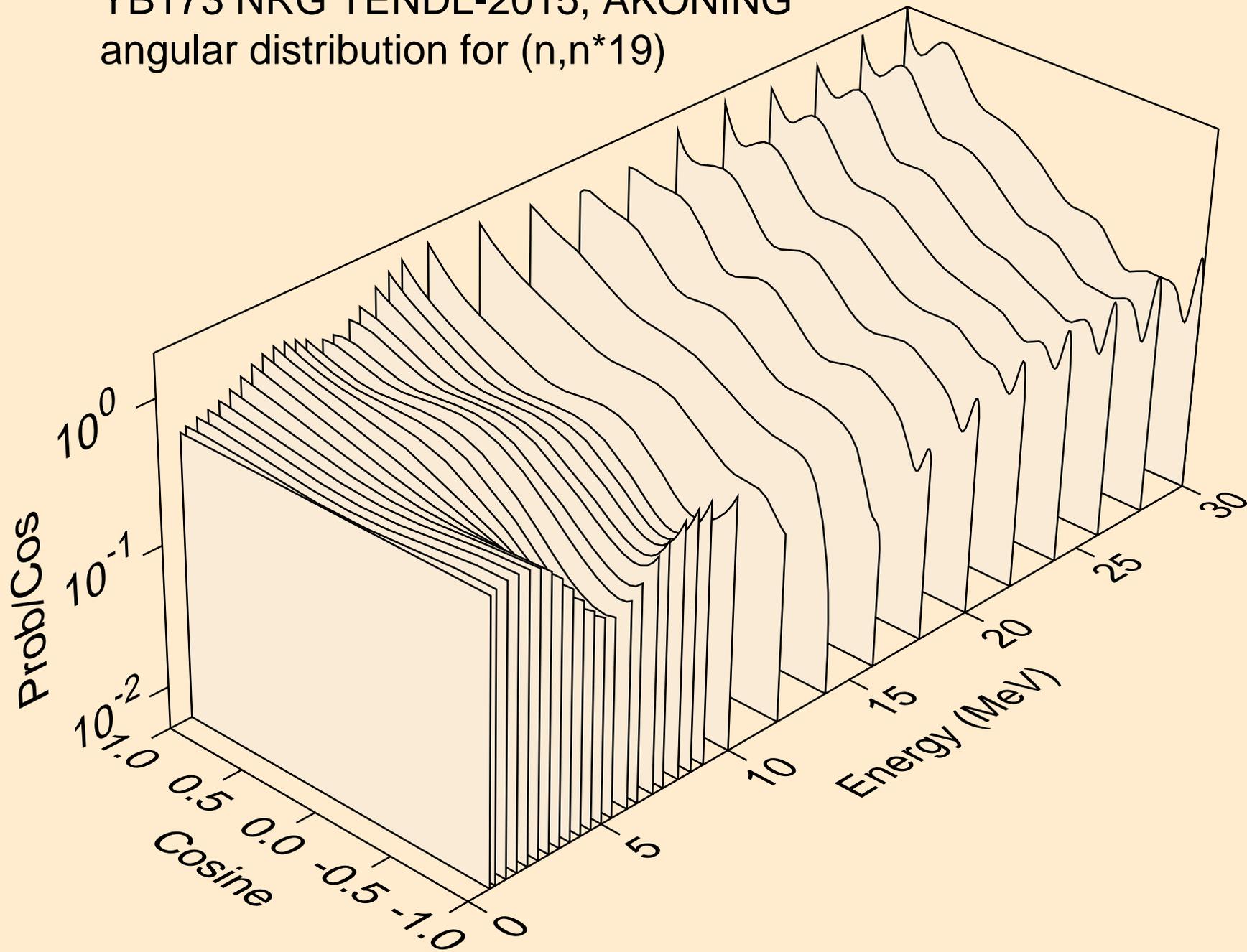
YB173 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



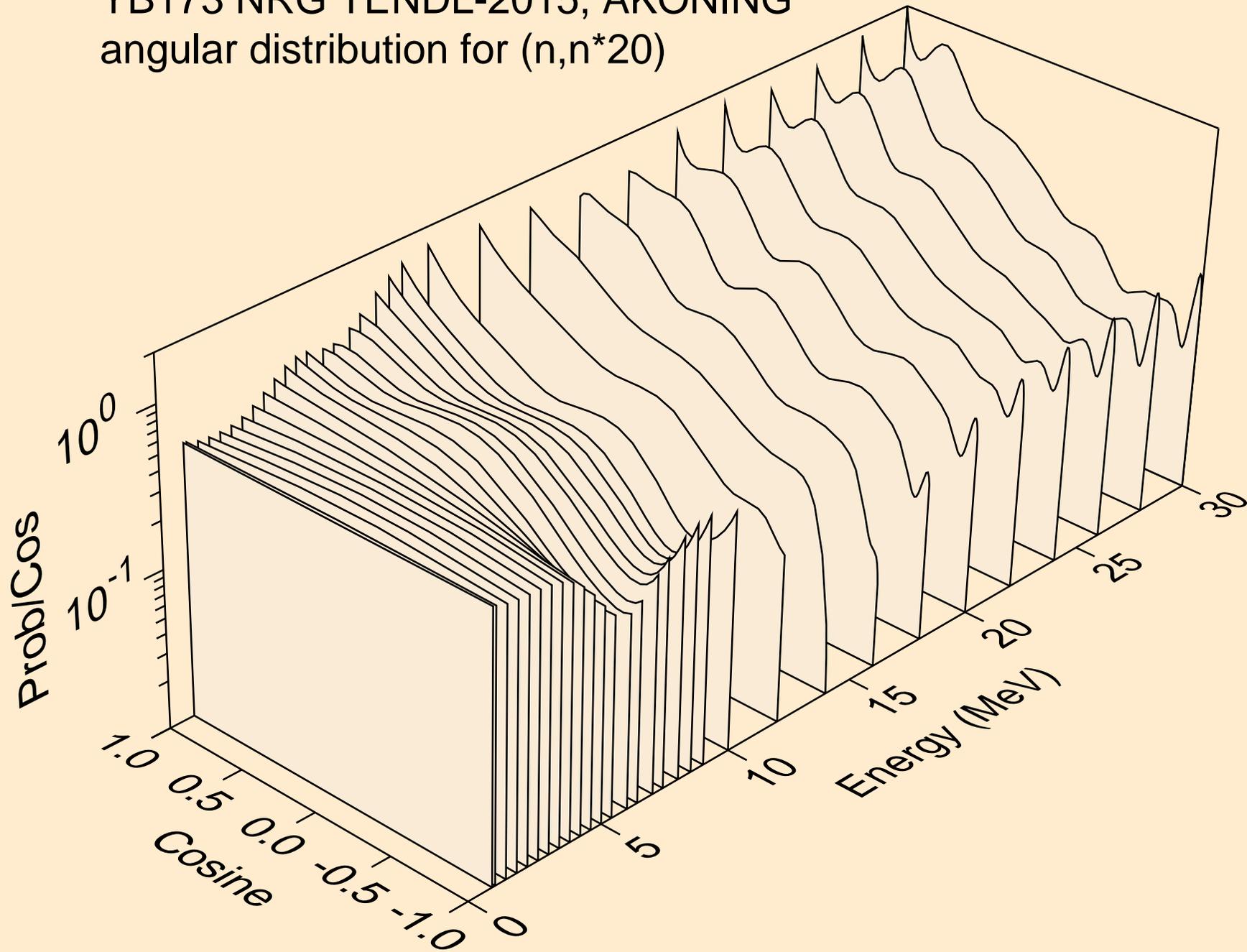
YB173 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



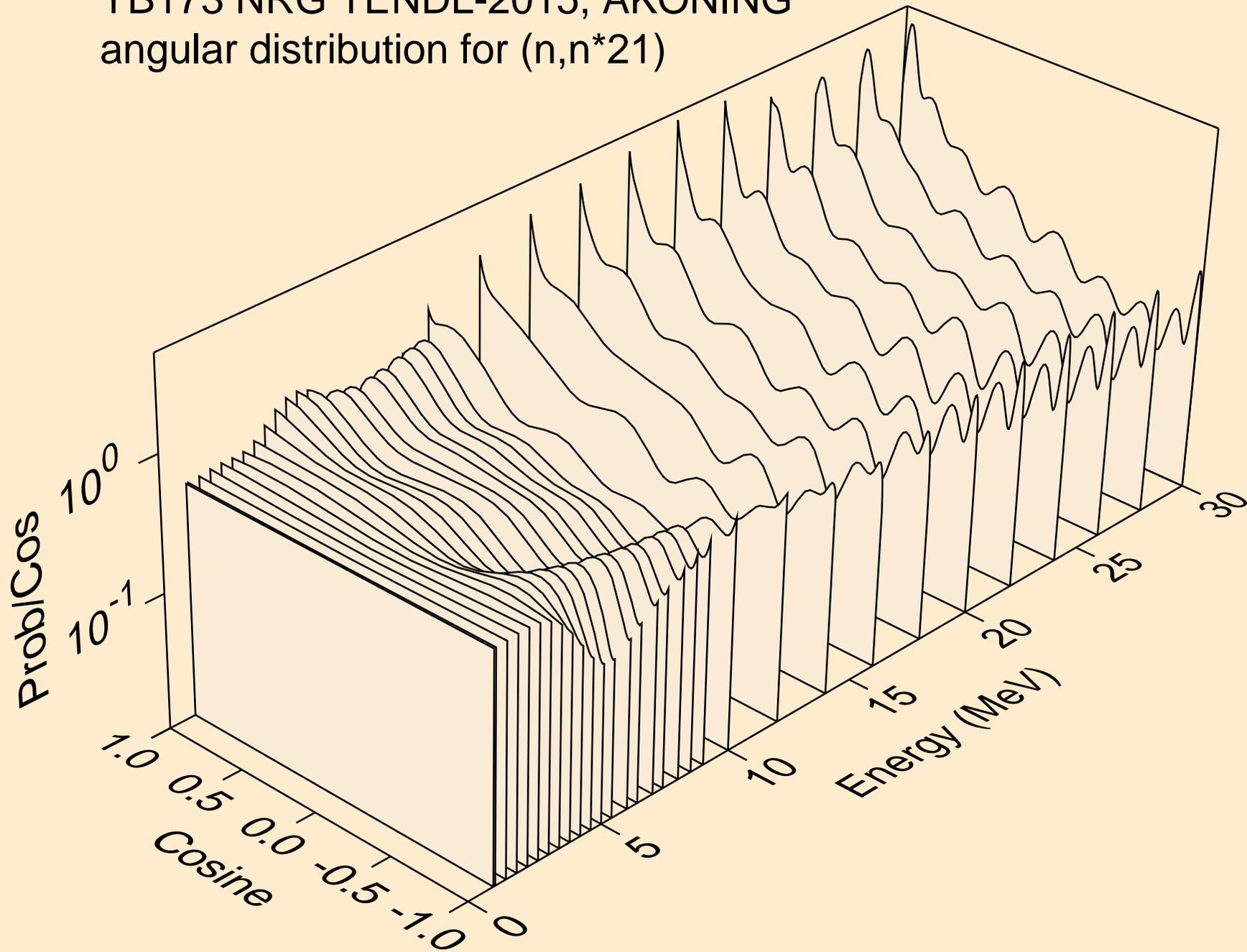
YB173 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



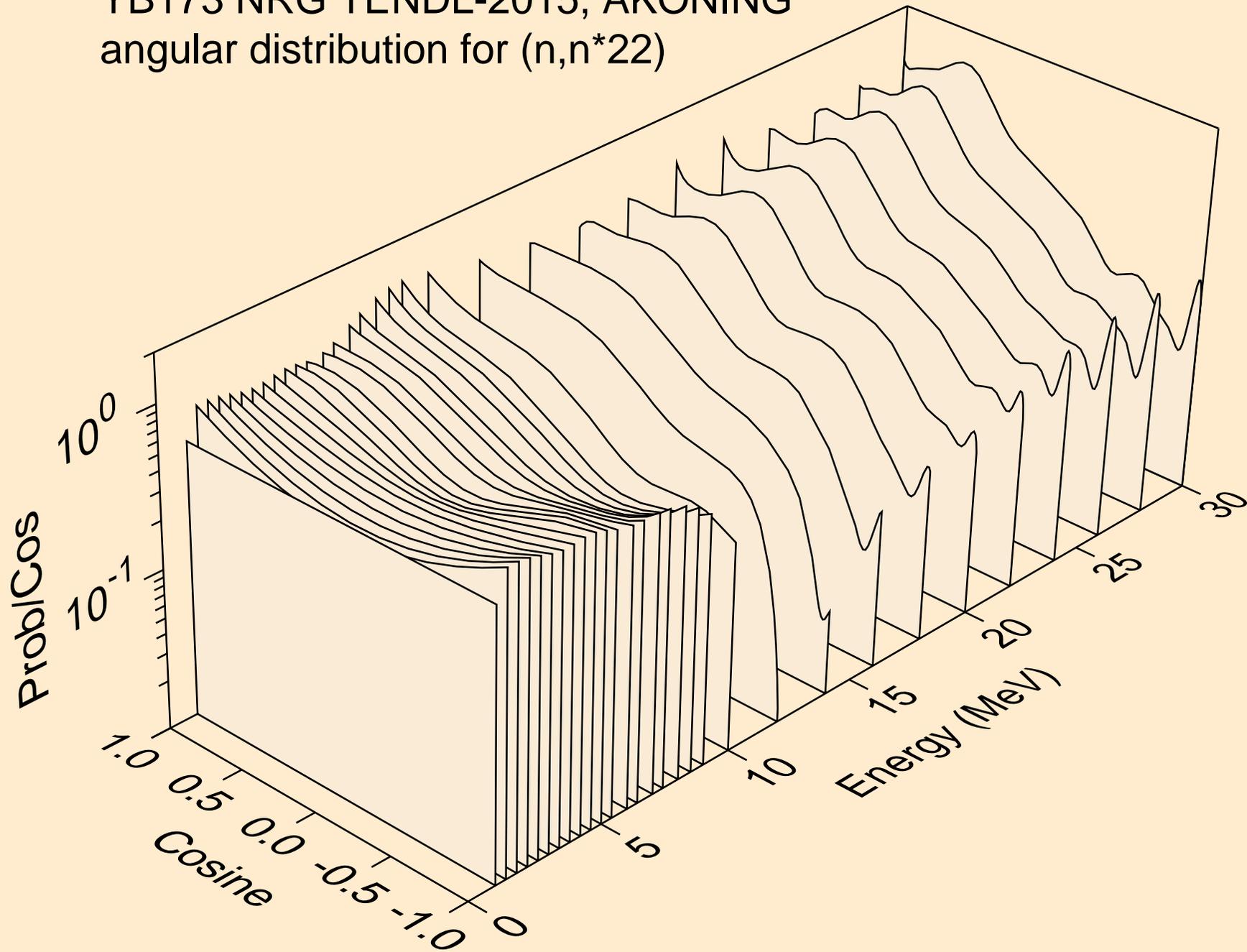
YB173 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



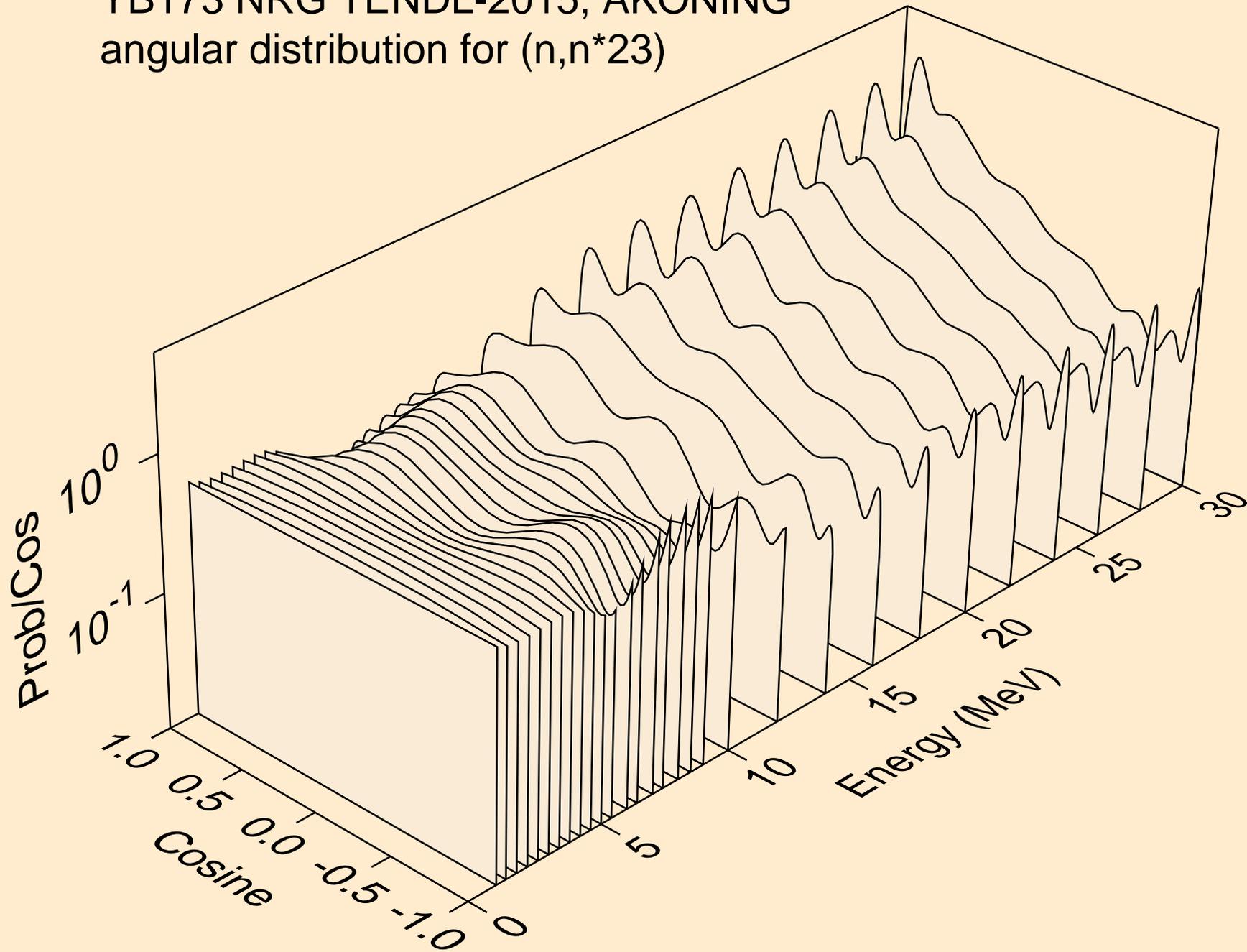
YB173 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



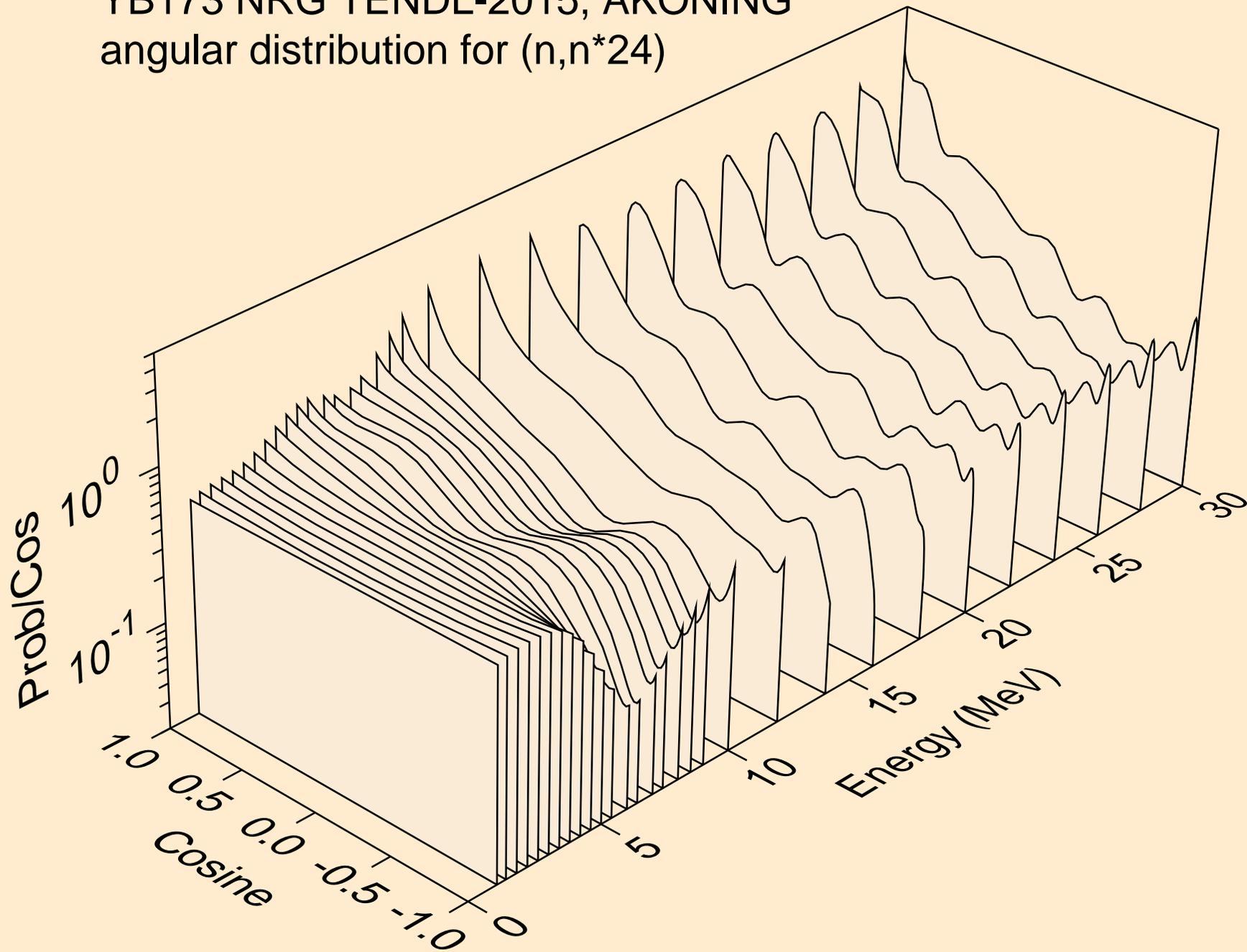
YB173 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



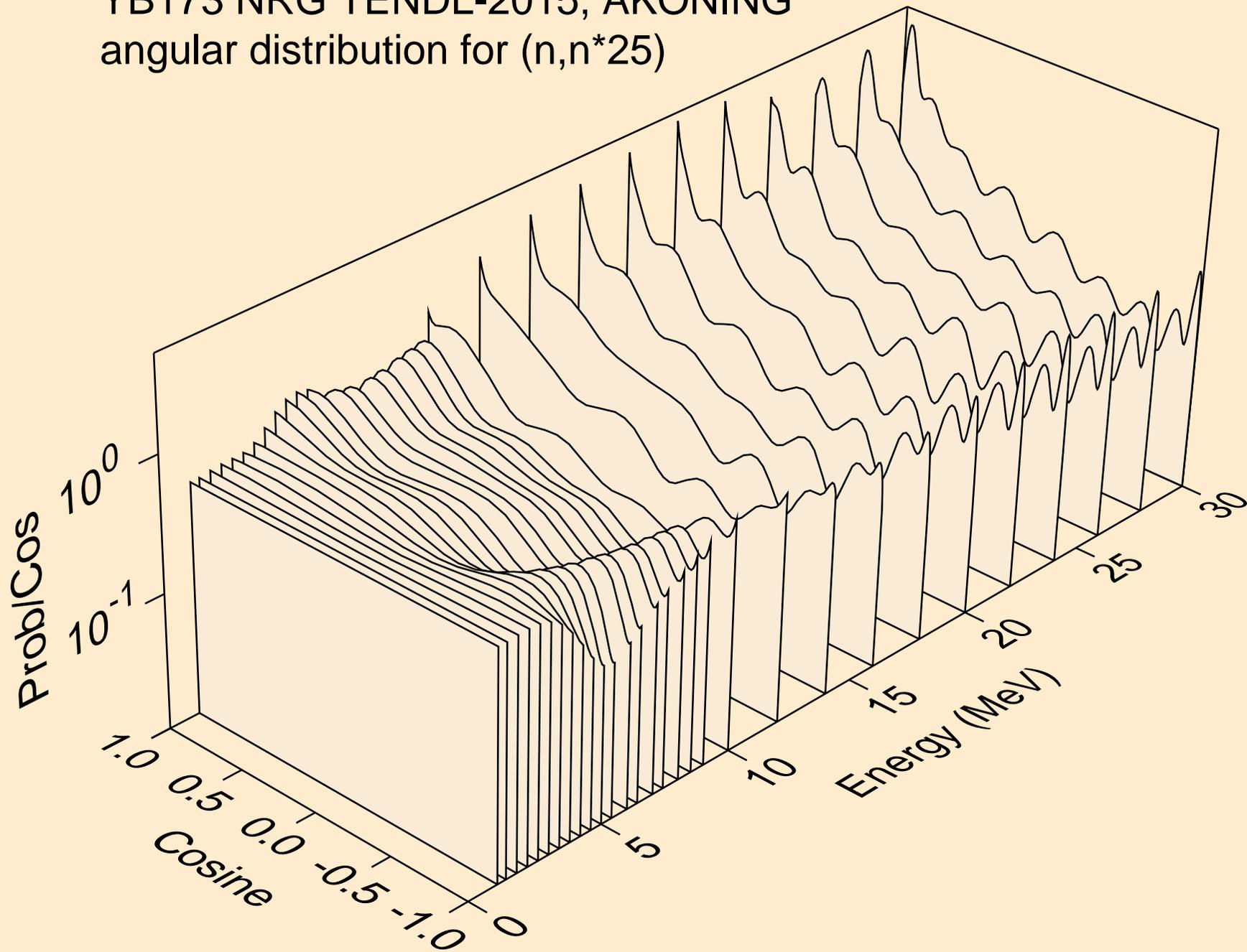
YB173 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



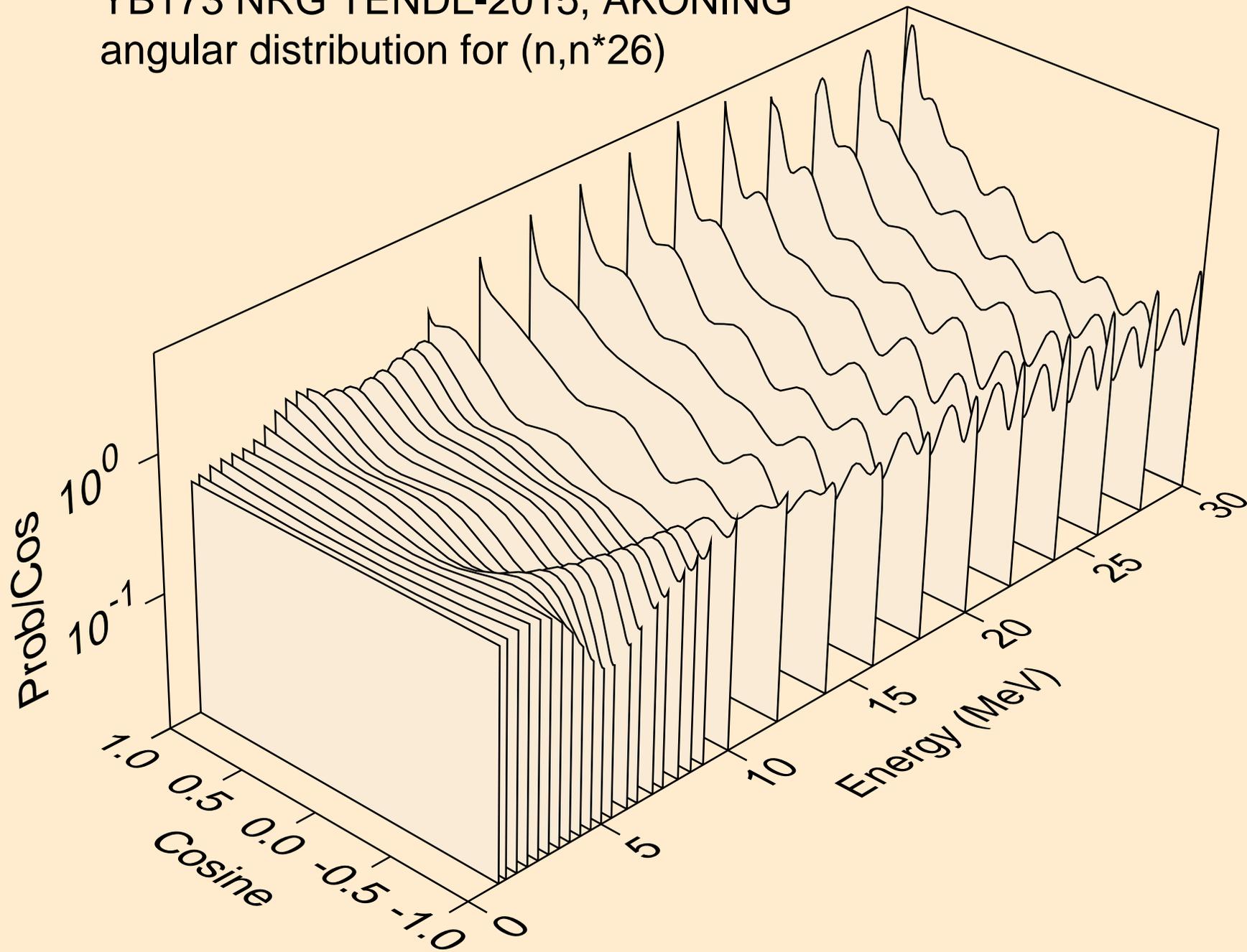
YB173 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



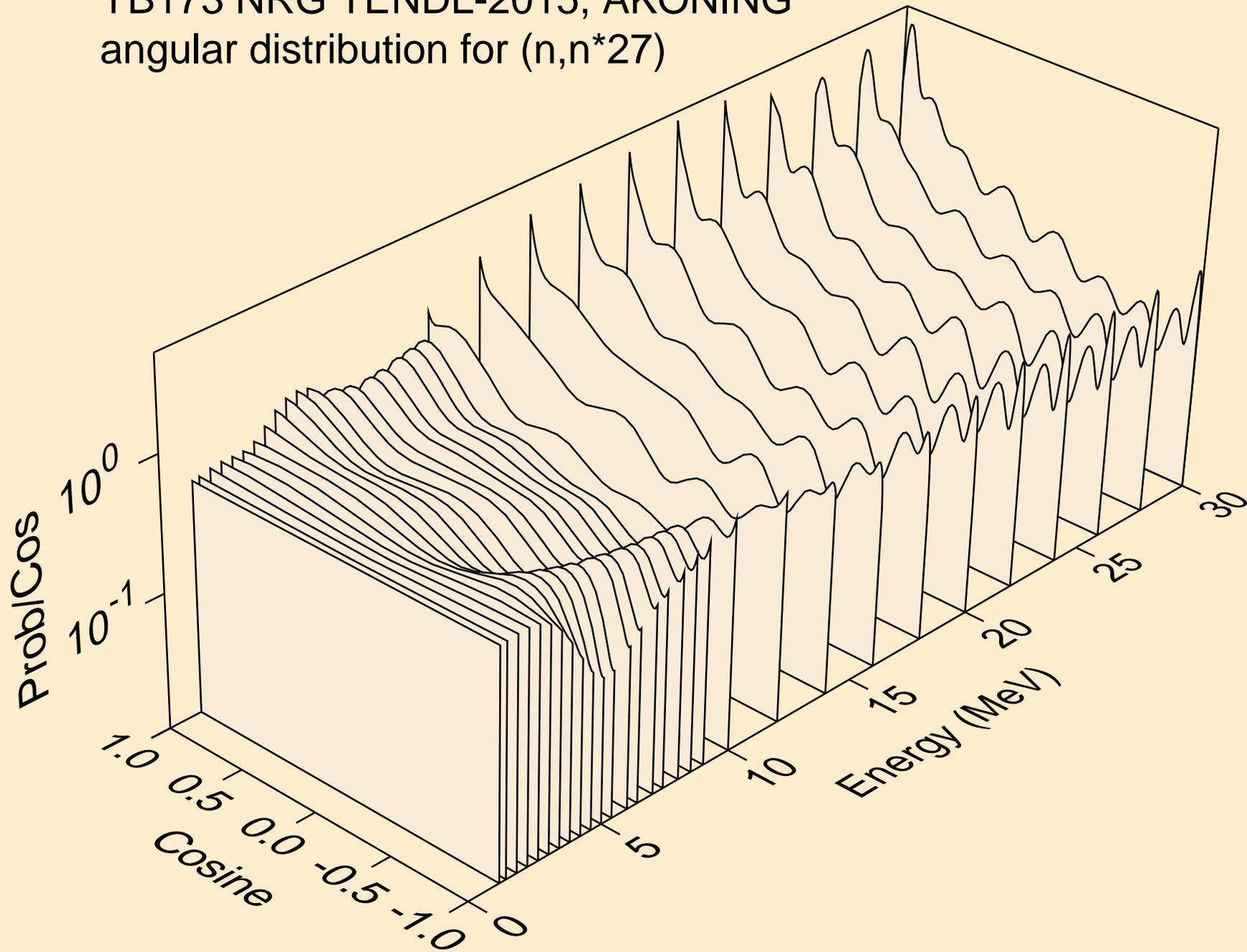
YB173 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



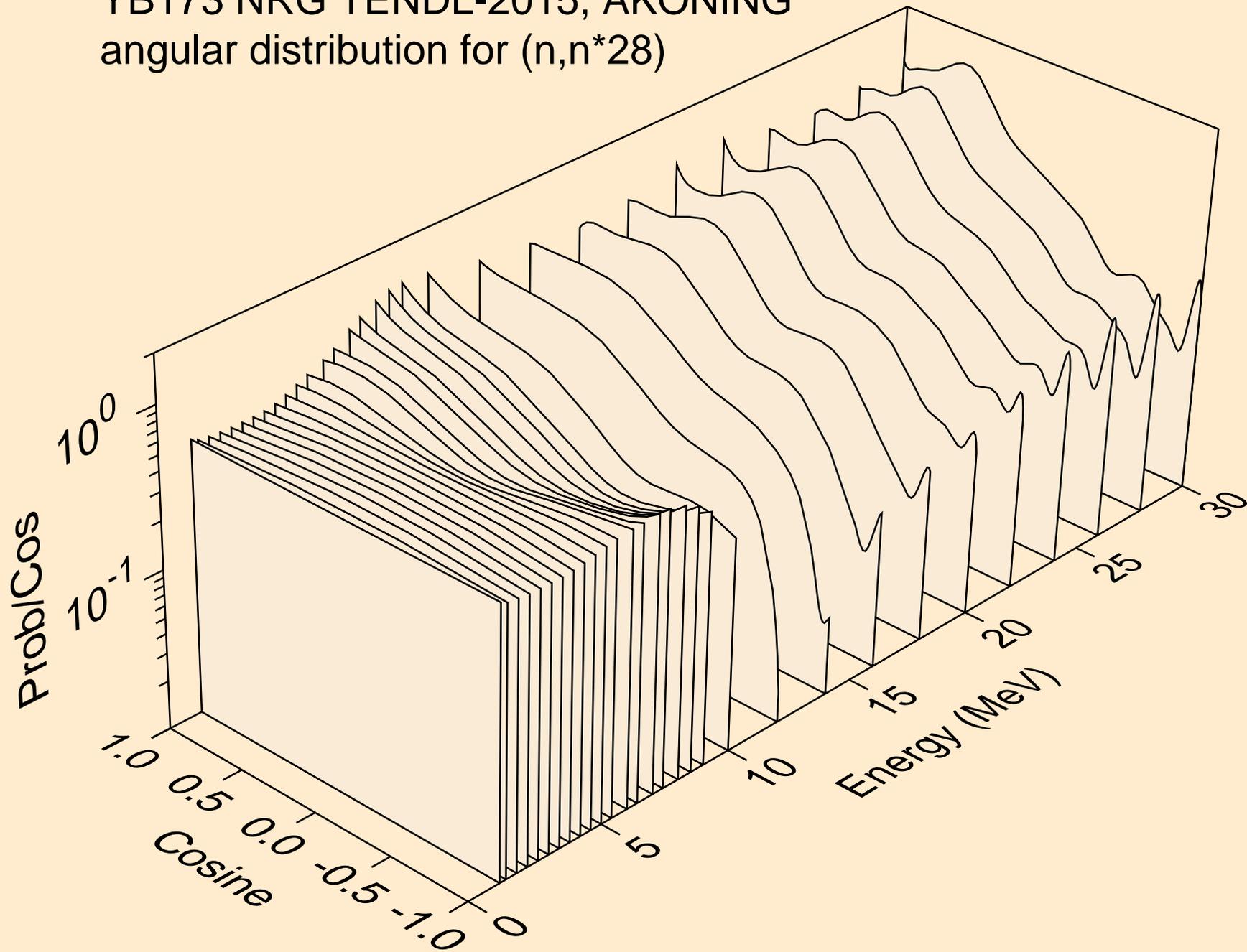
YB173 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



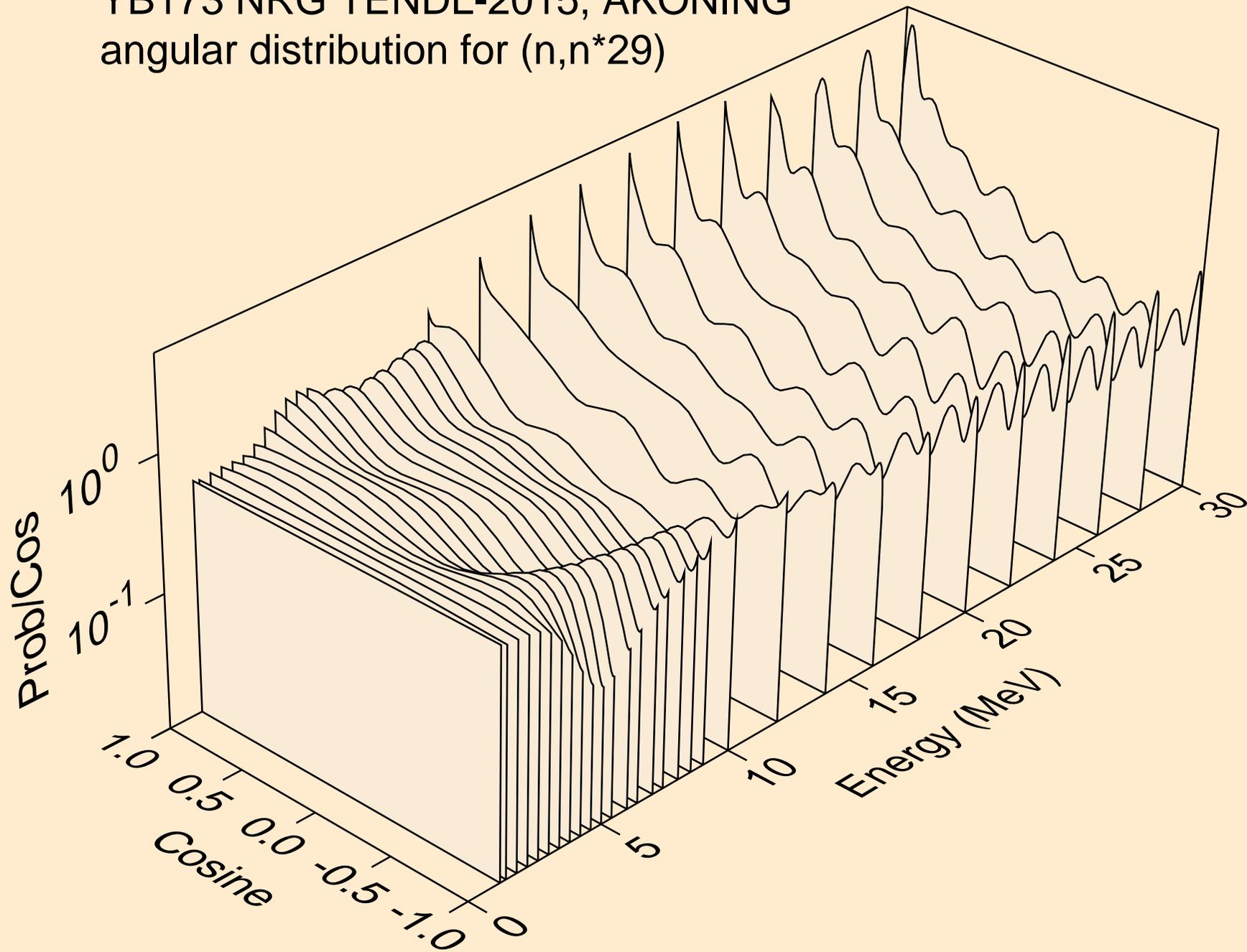
YB173 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



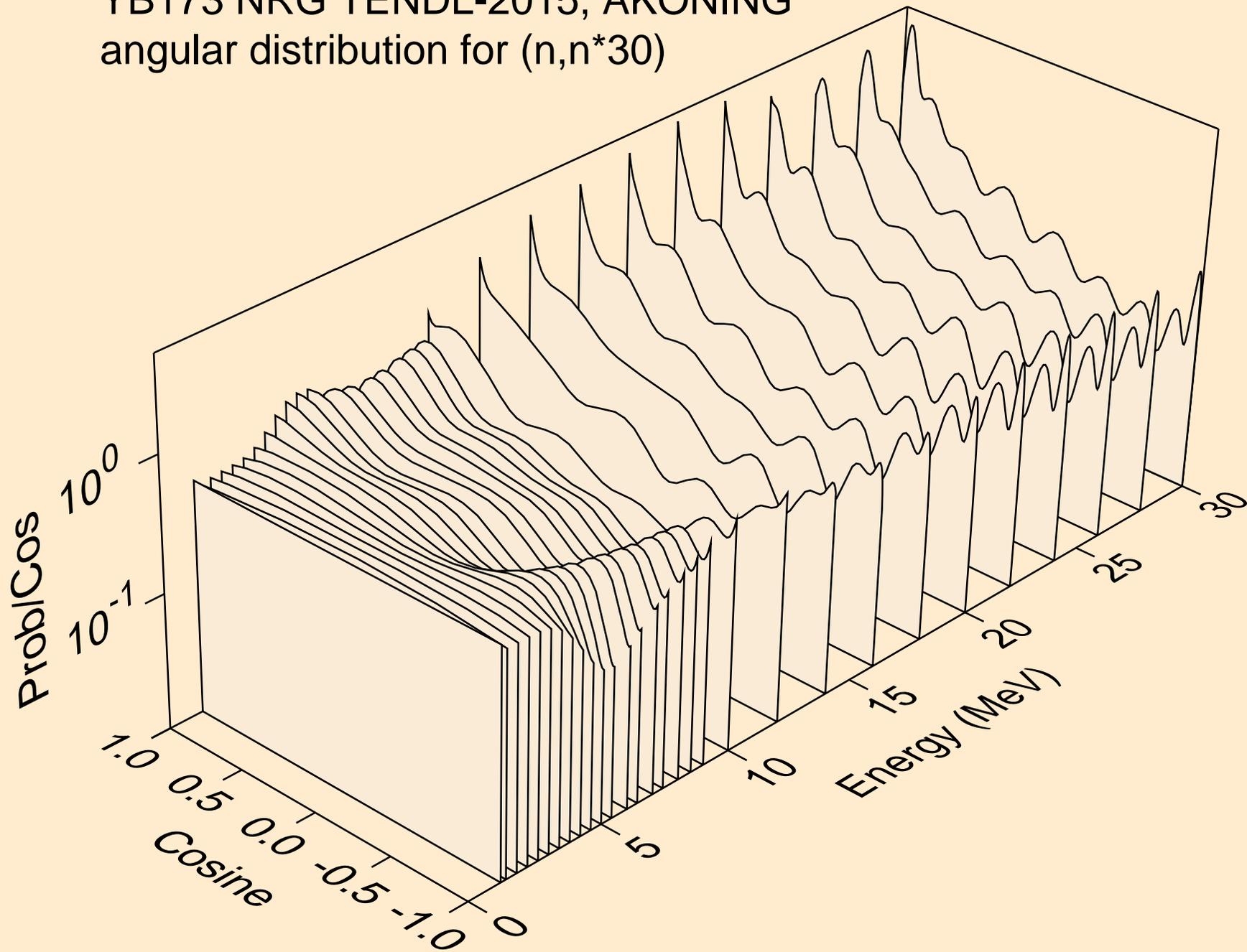
YB173 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



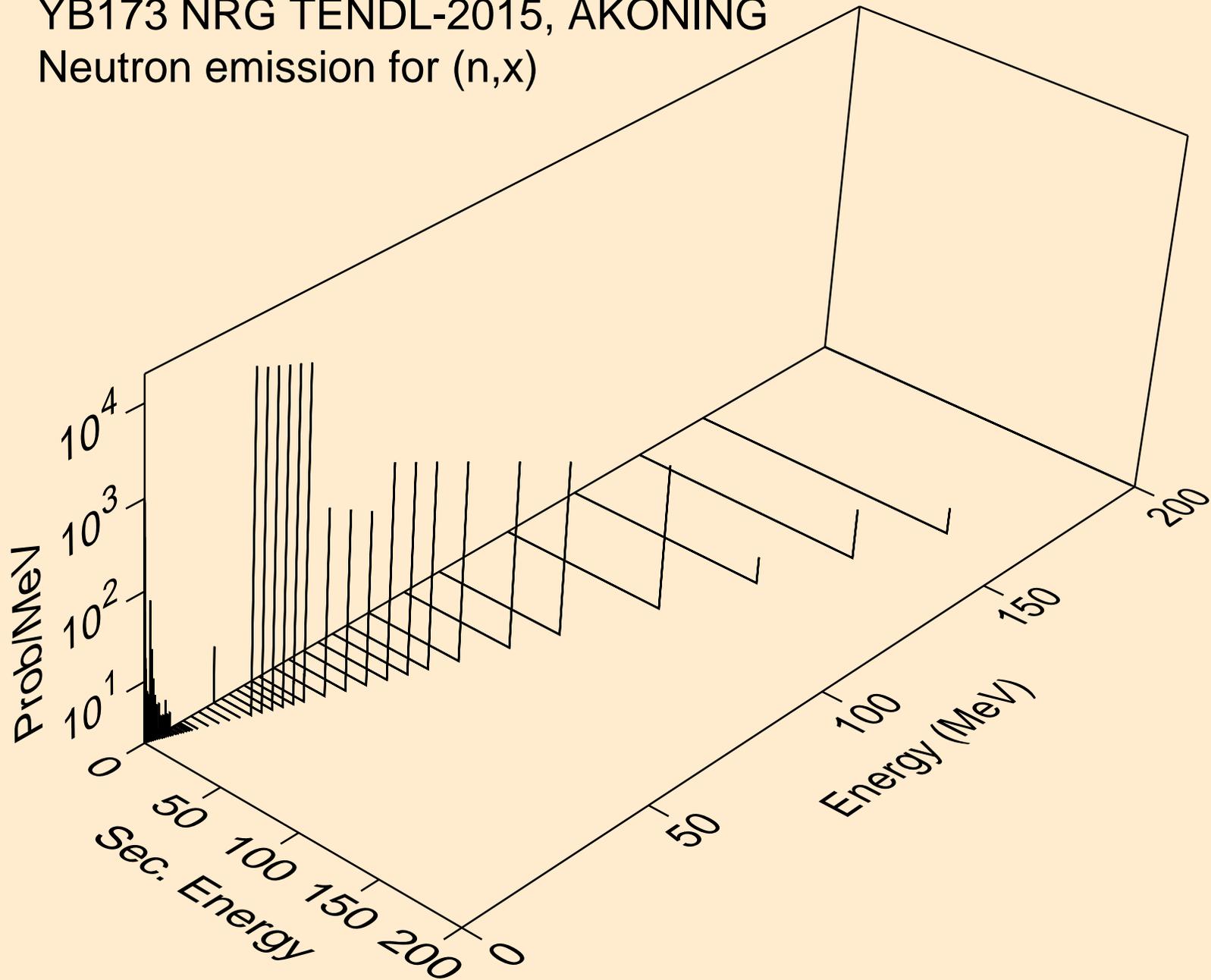
YB173 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



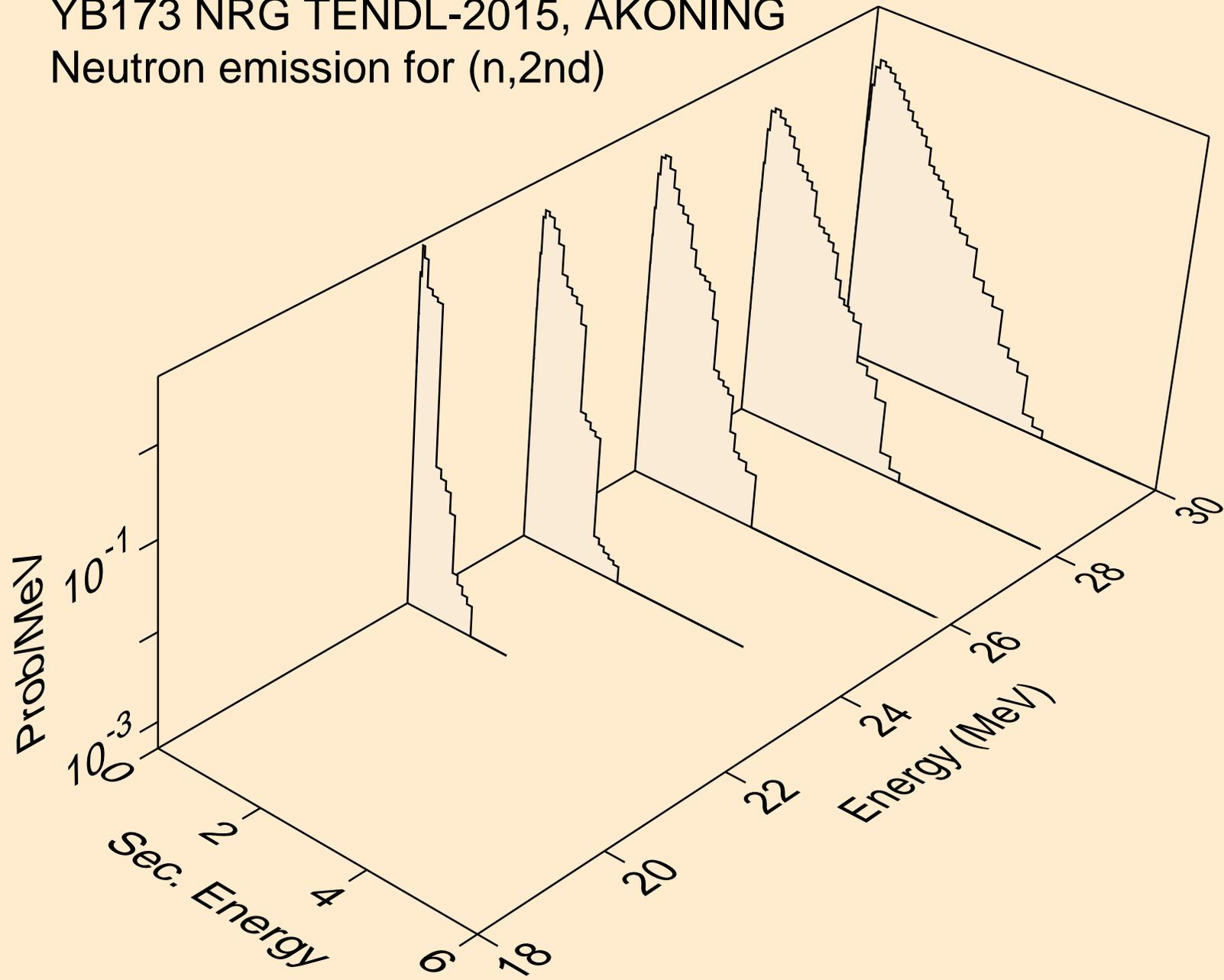
YB173 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)



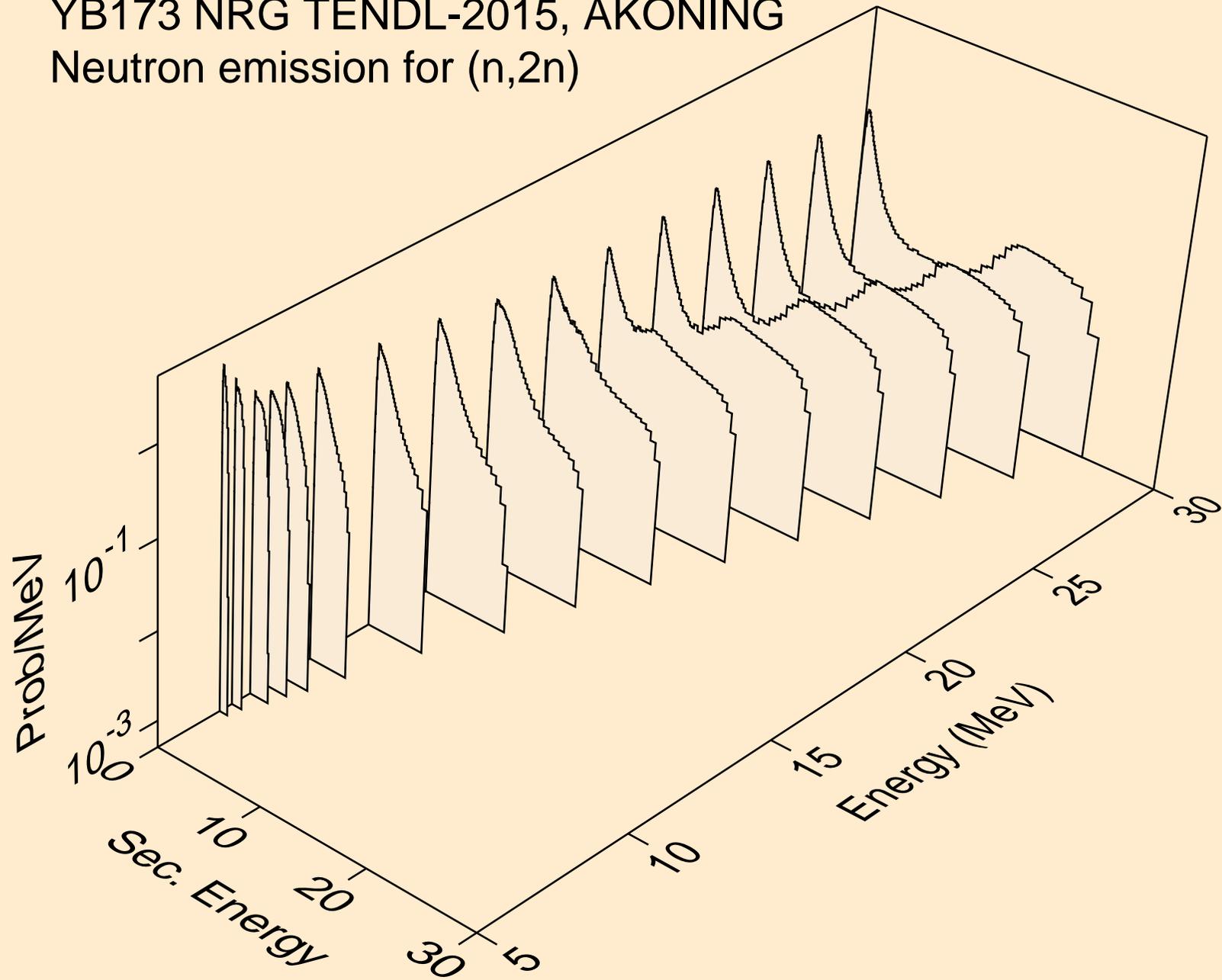
YB173 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



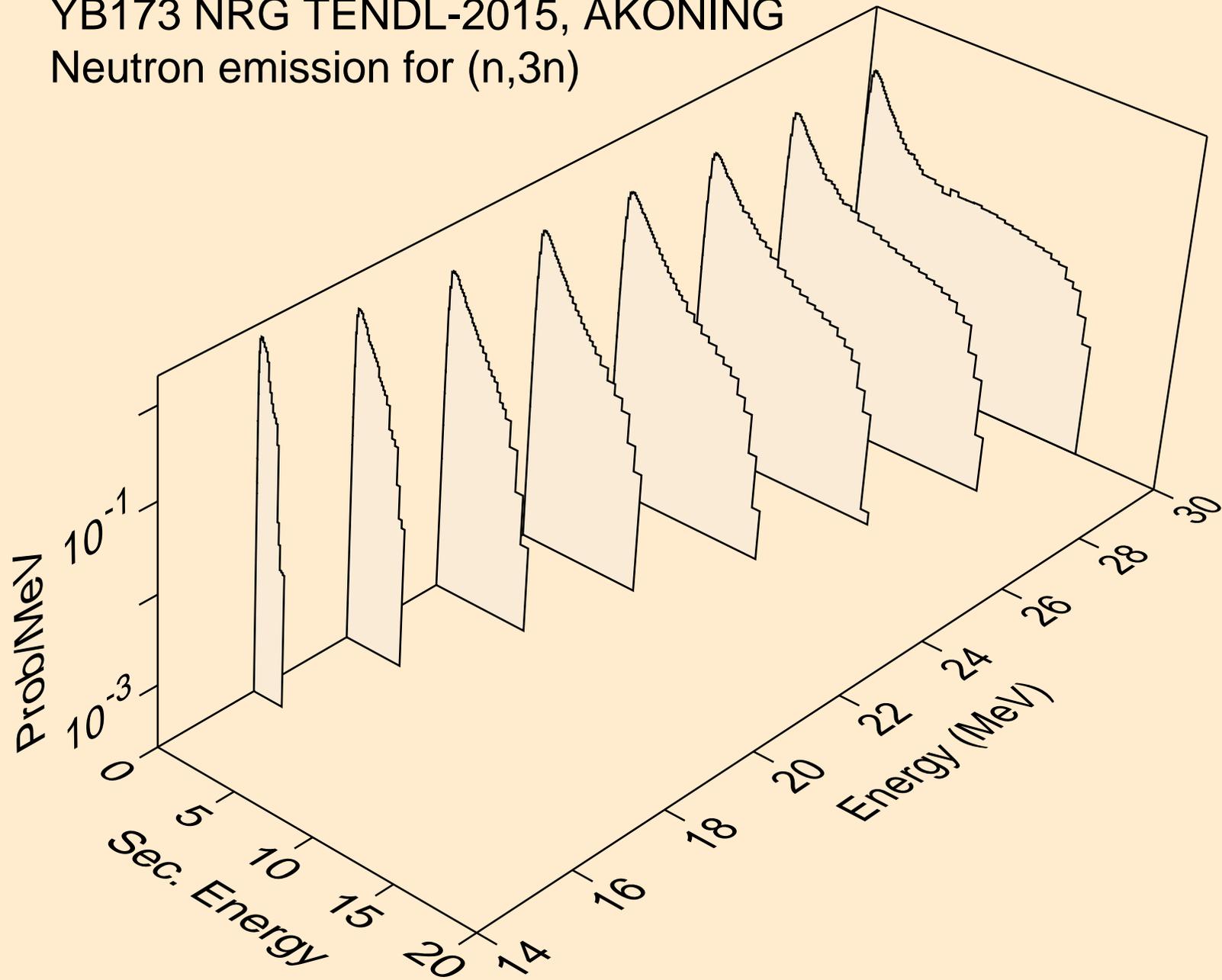
YB173 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



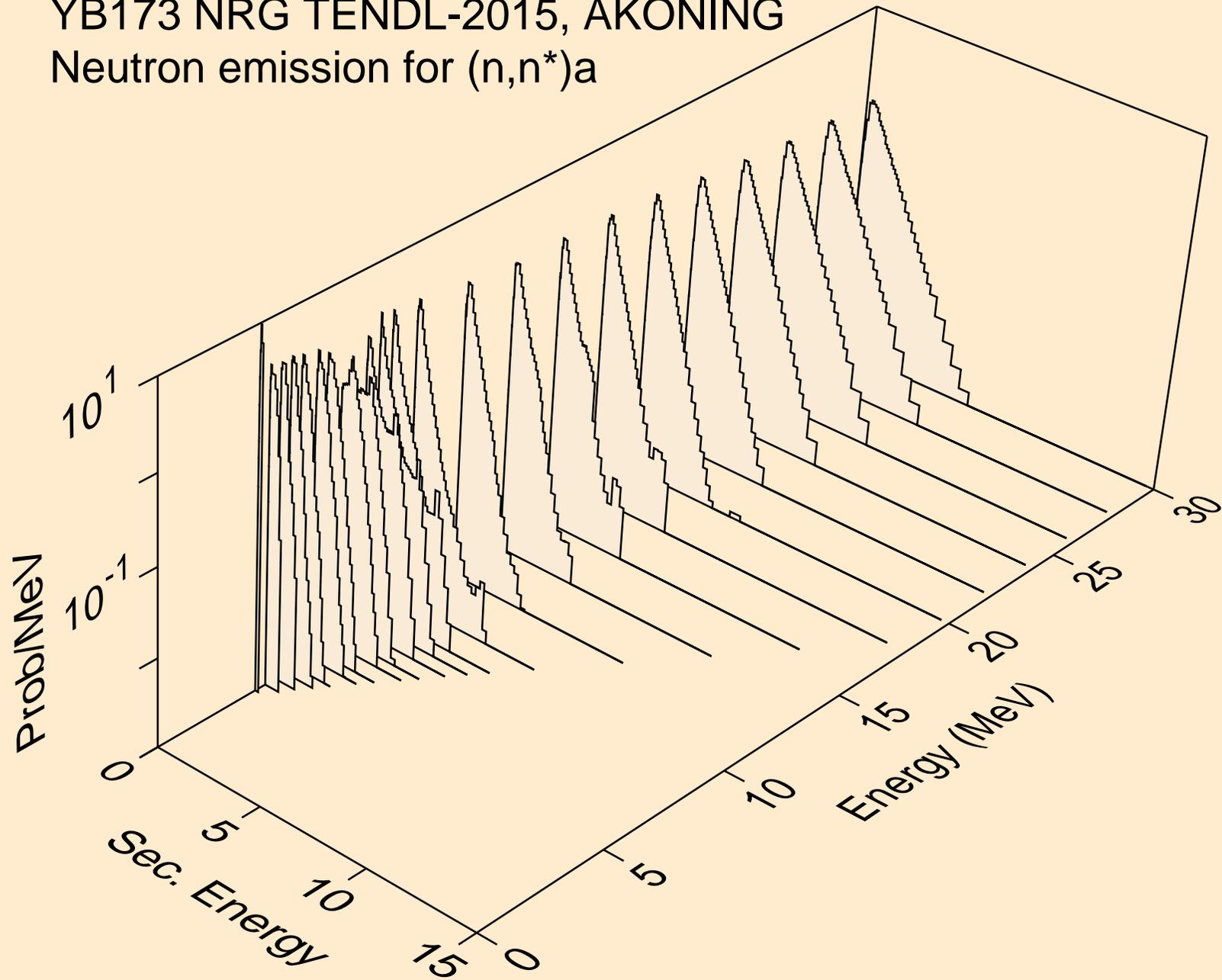
YB173 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



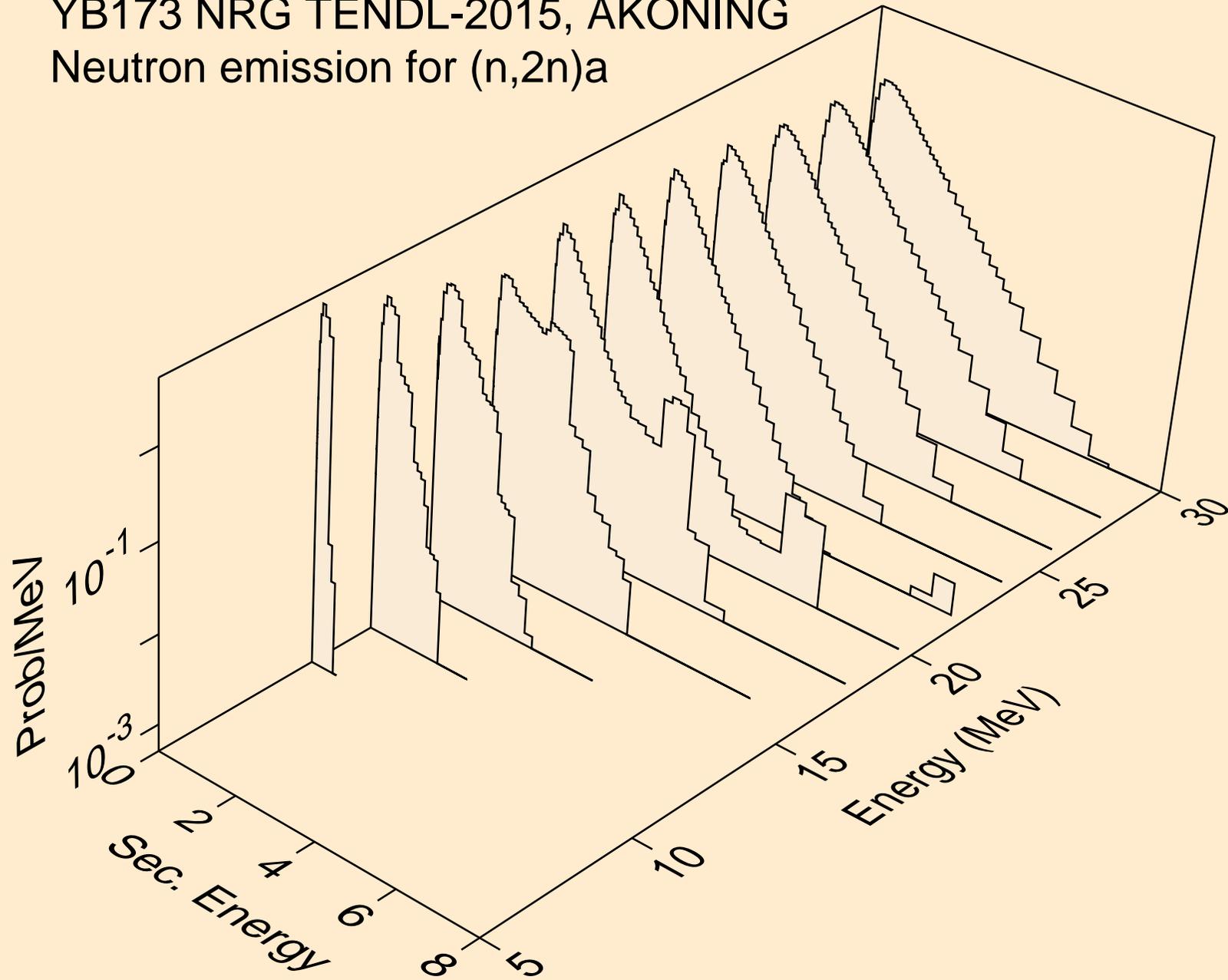
YB173 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



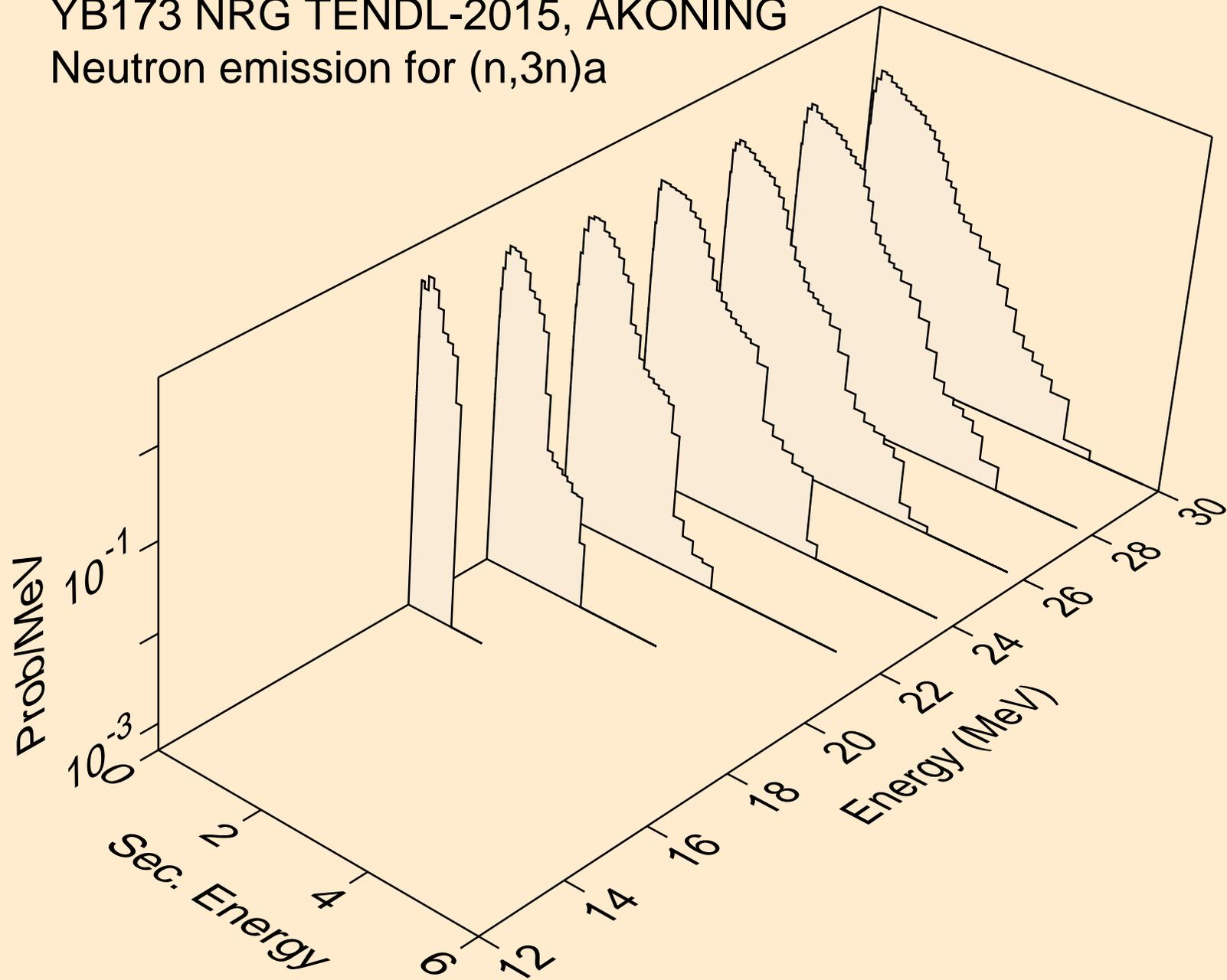
YB173 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



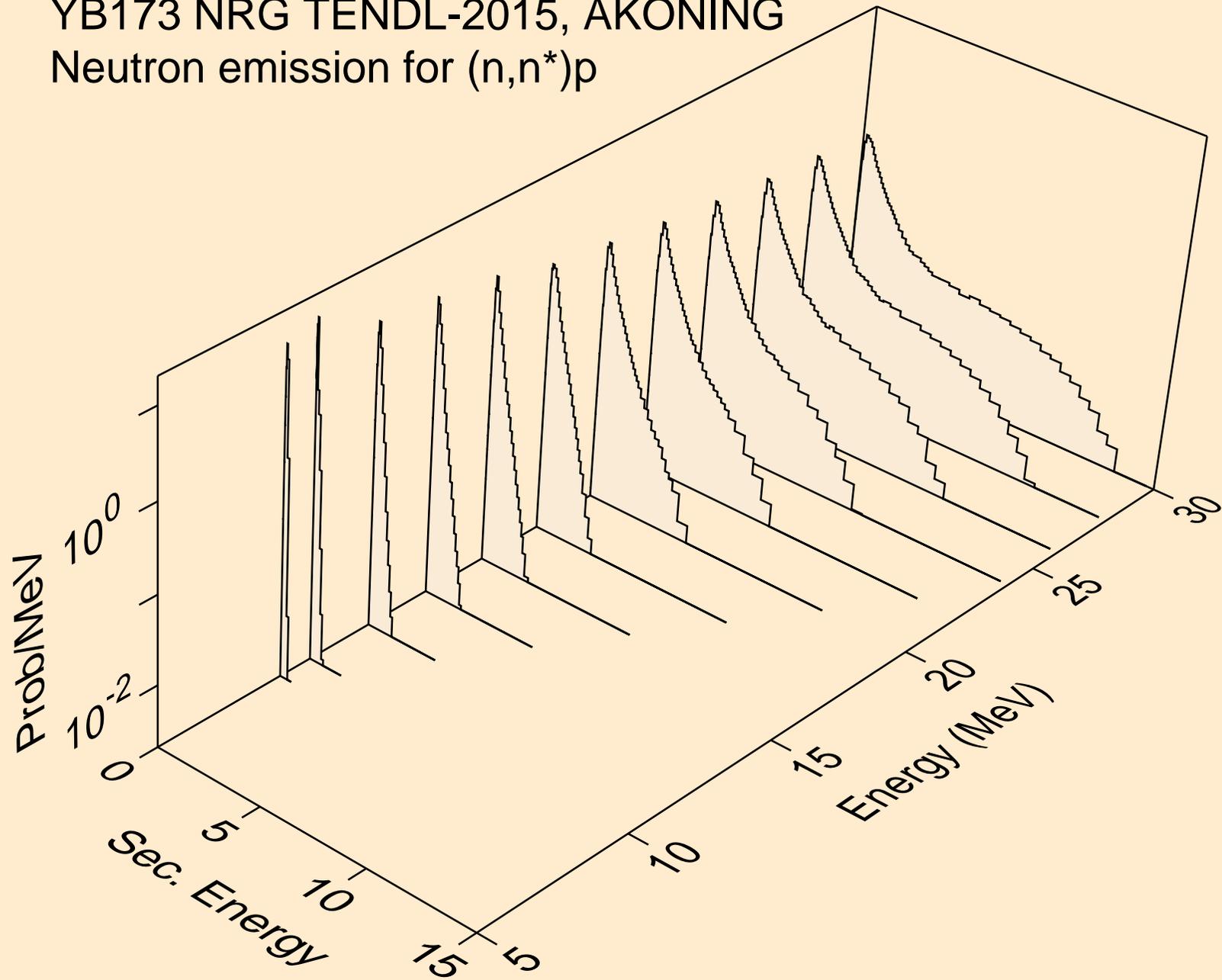
YB173 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



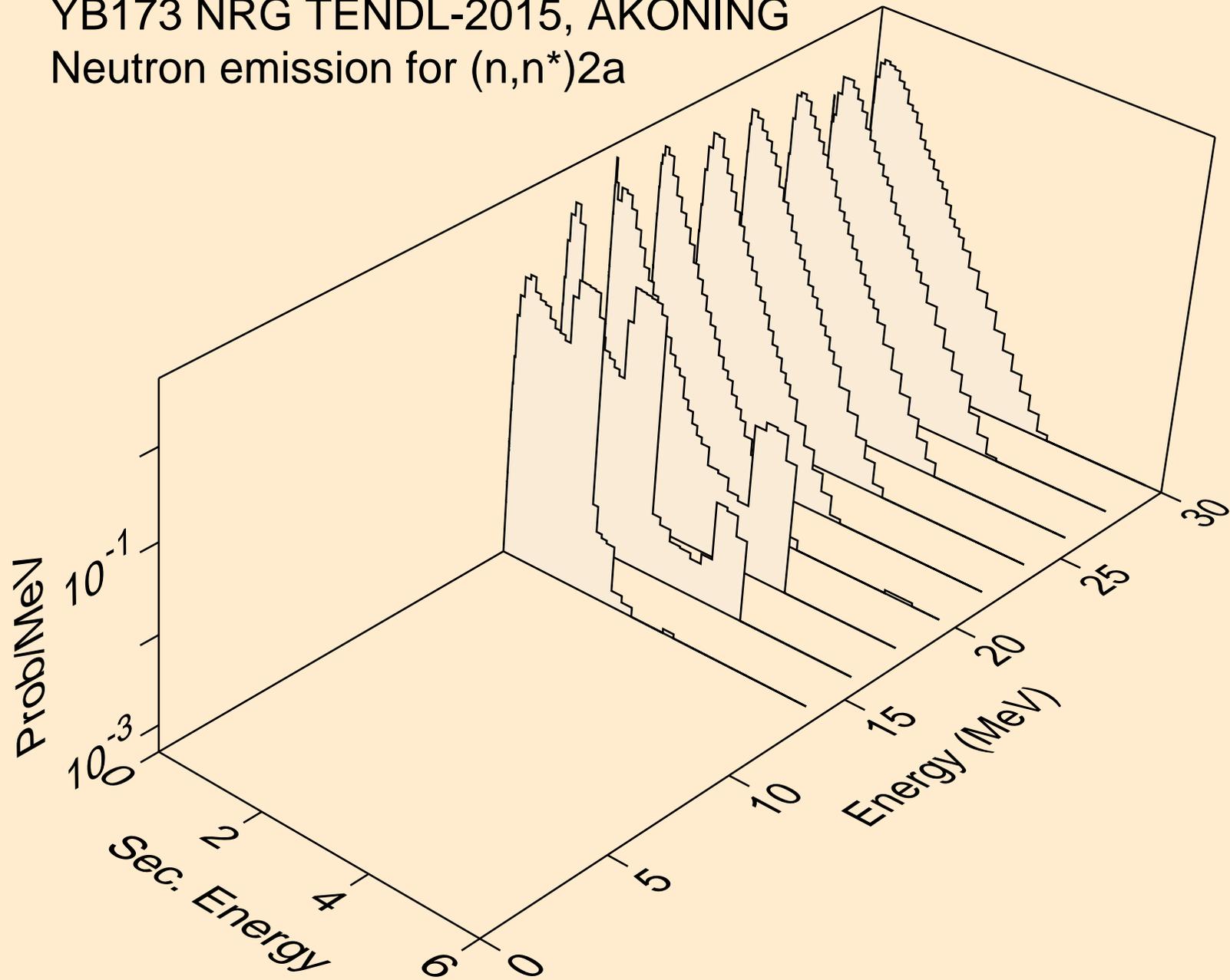
YB173 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



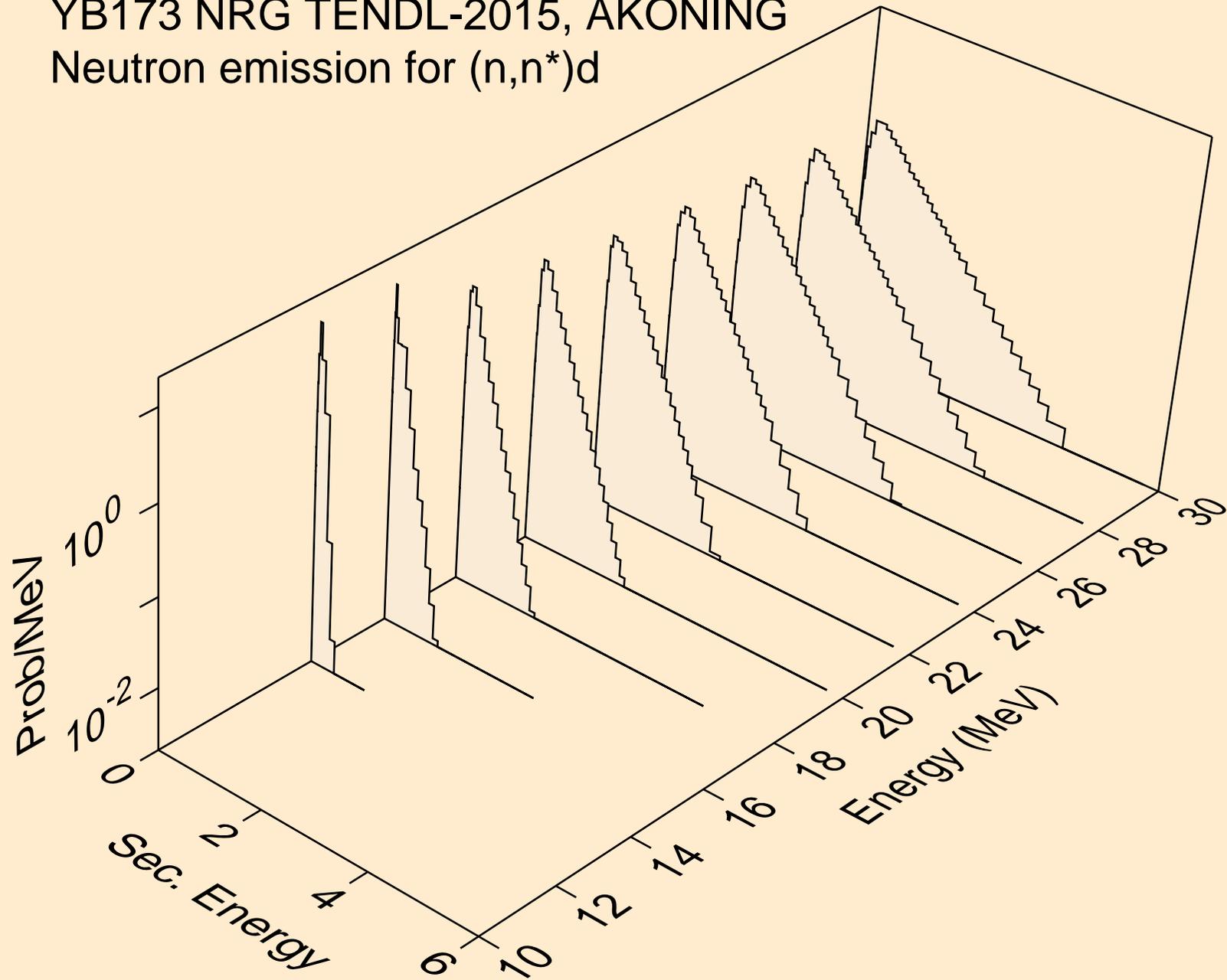
YB173 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



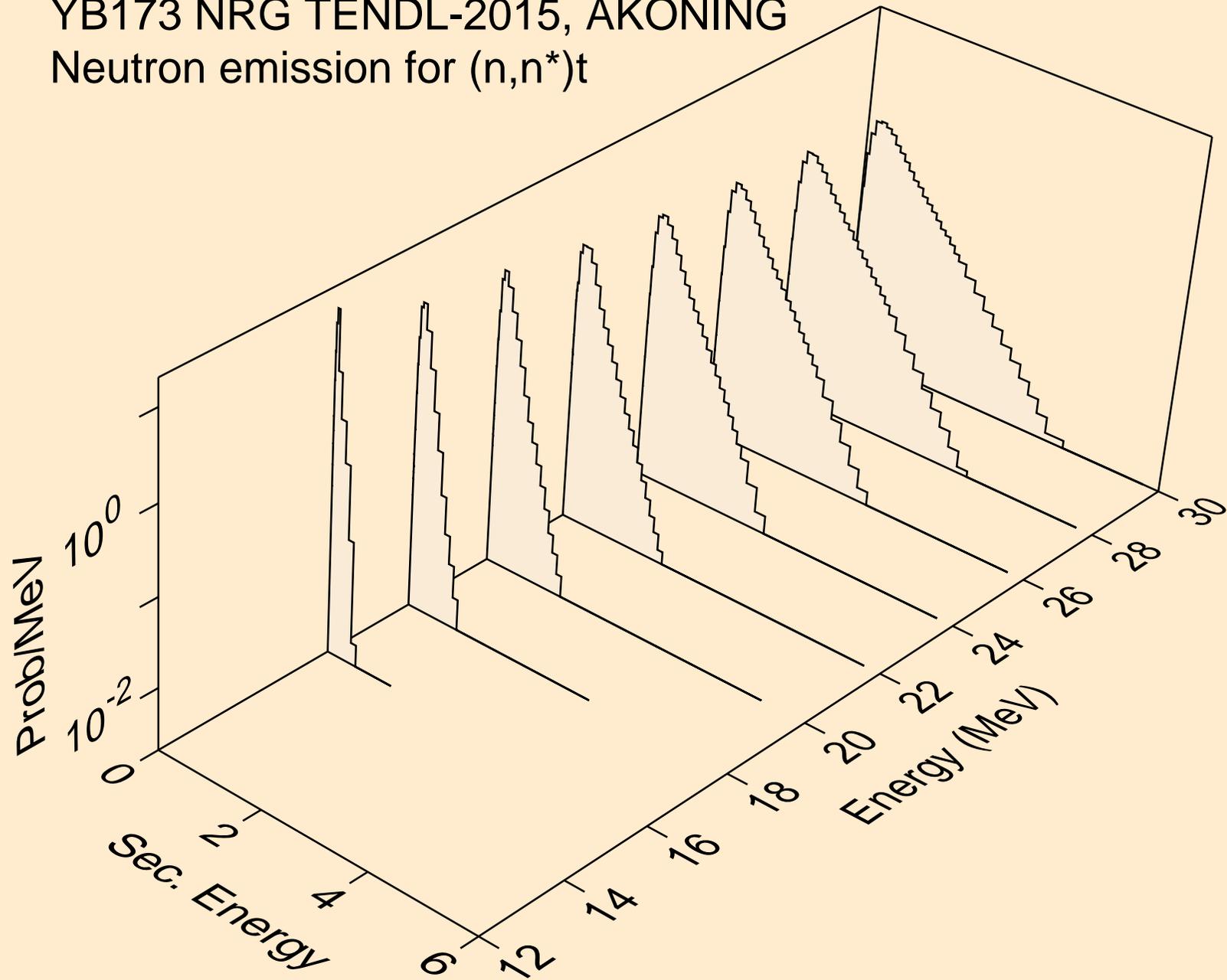
YB173 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



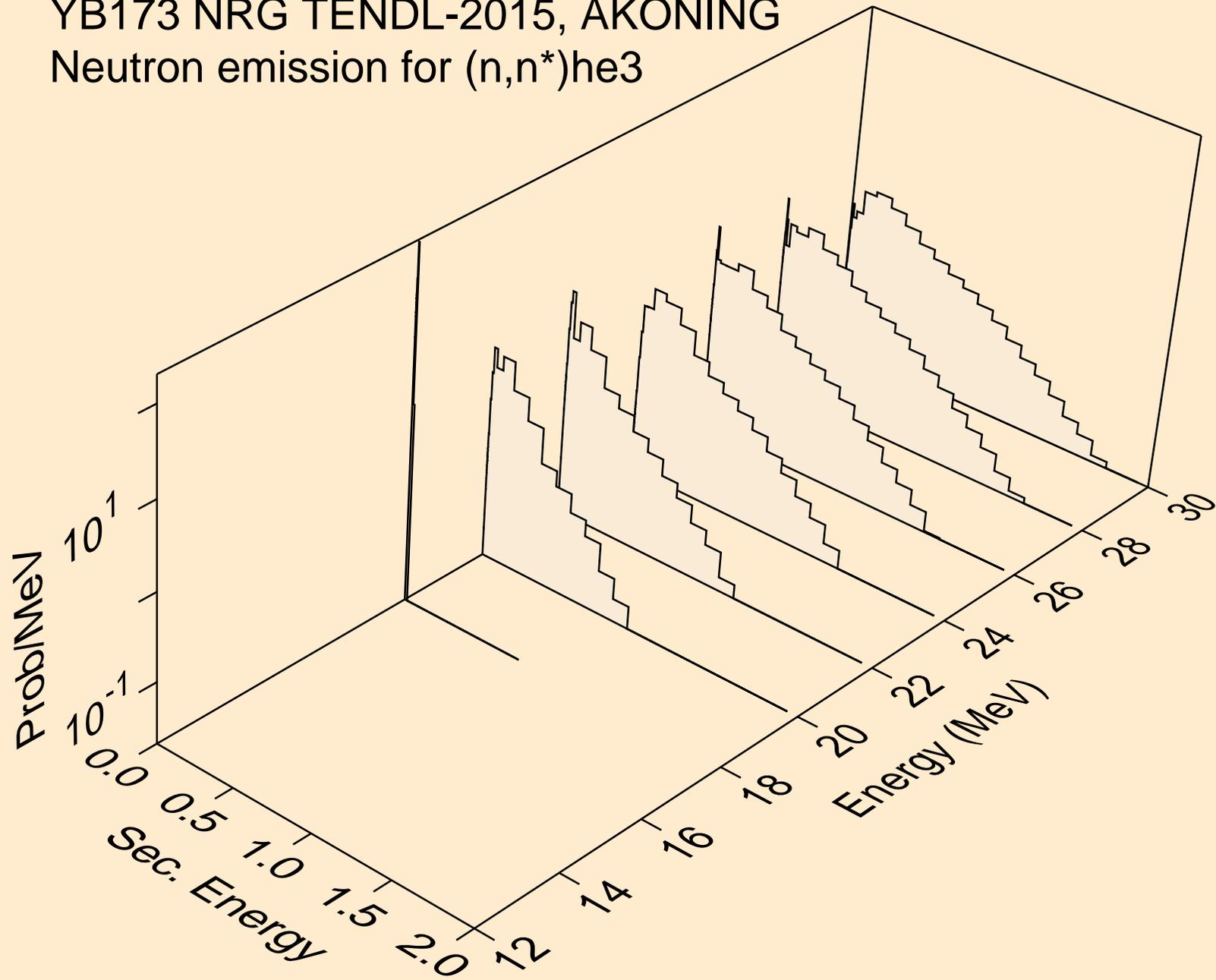
YB173 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



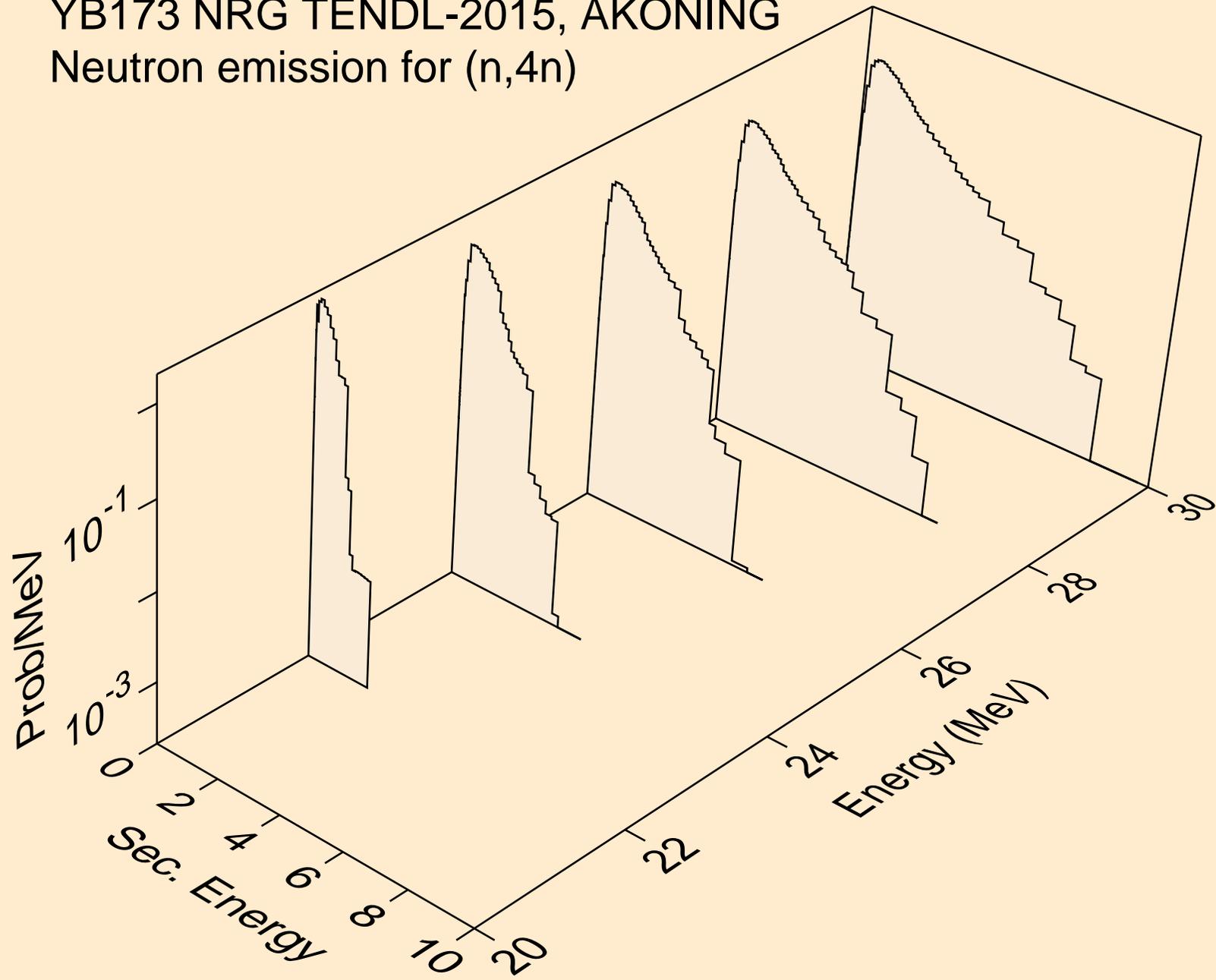
YB173 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



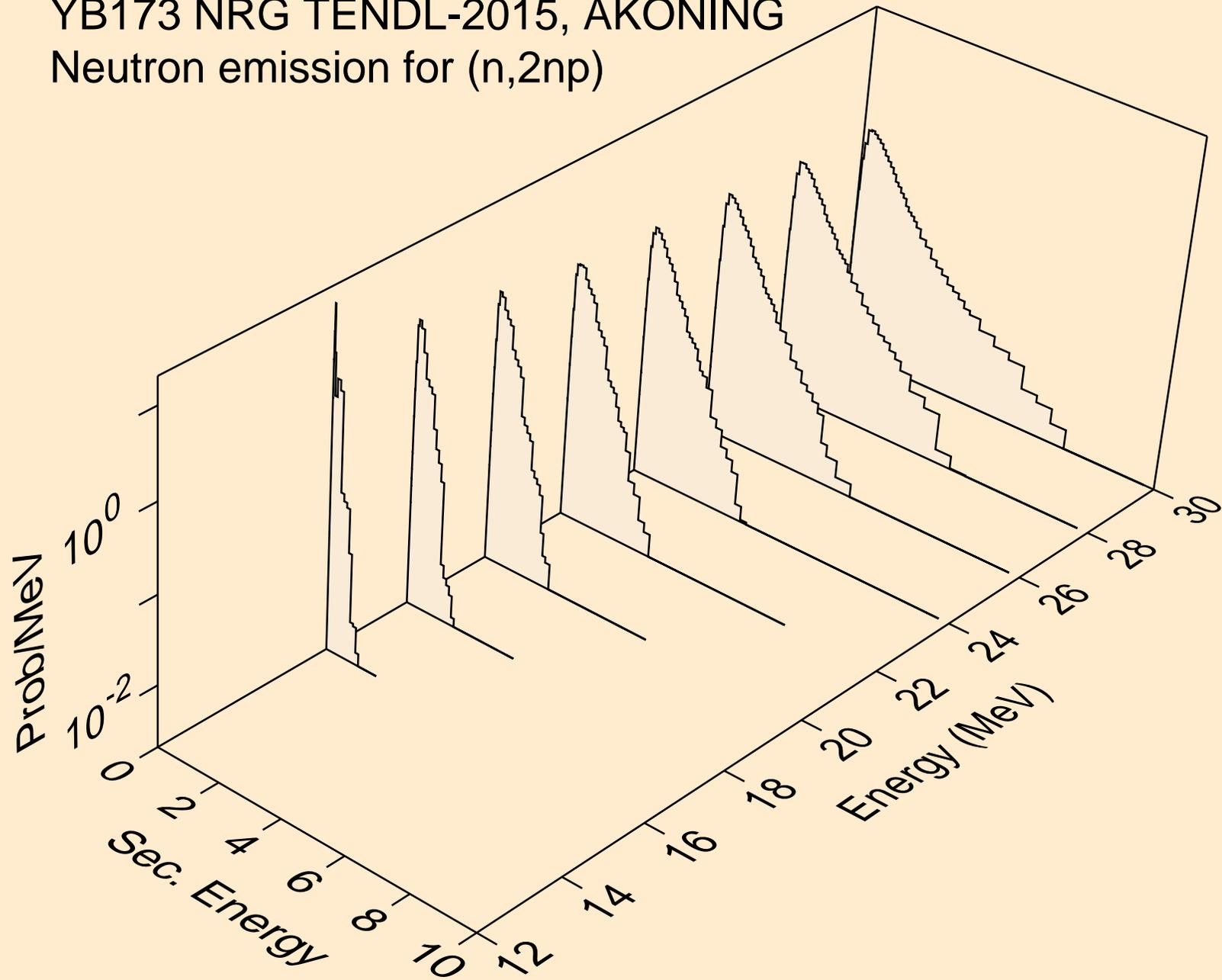
YB173 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



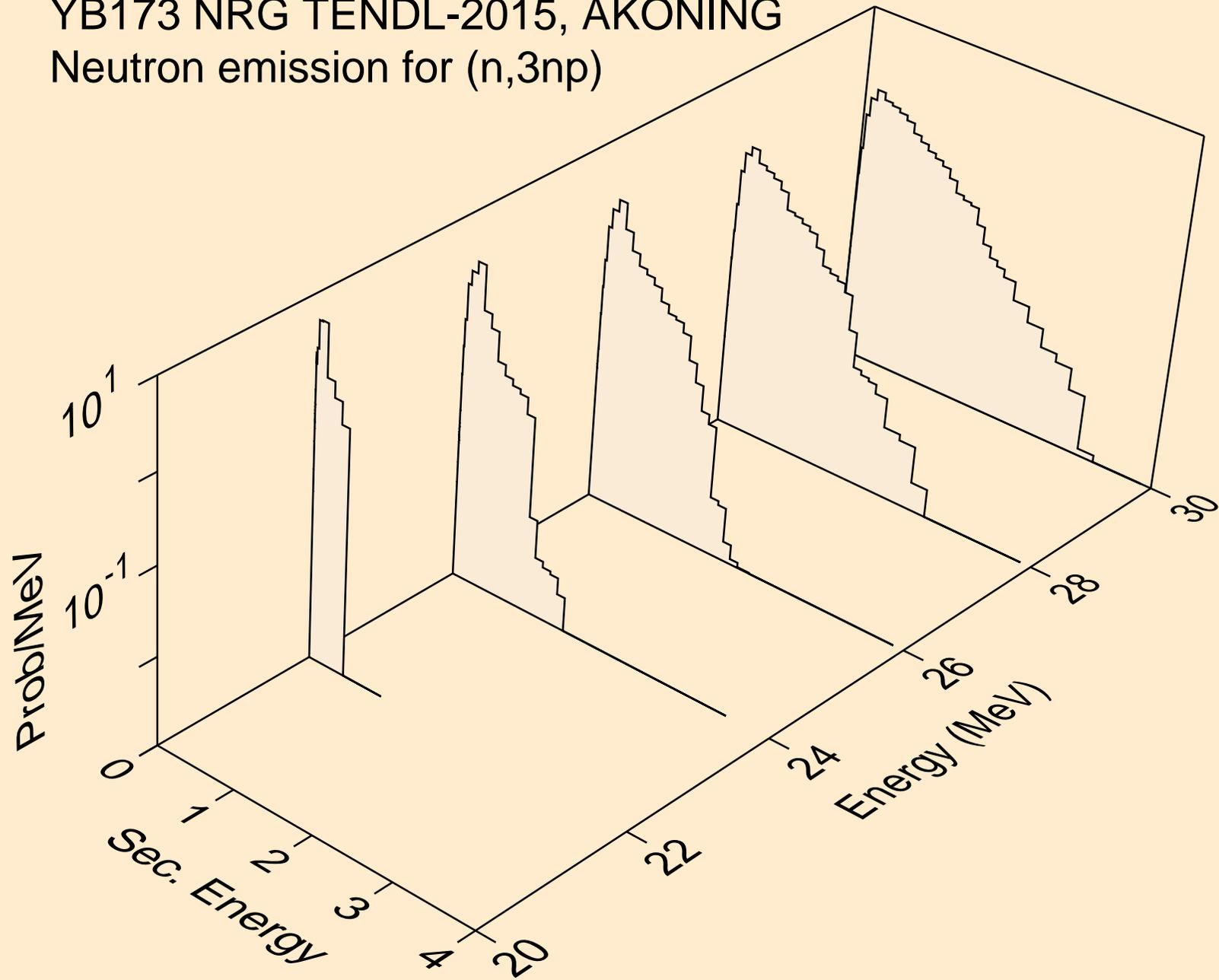
YB173 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



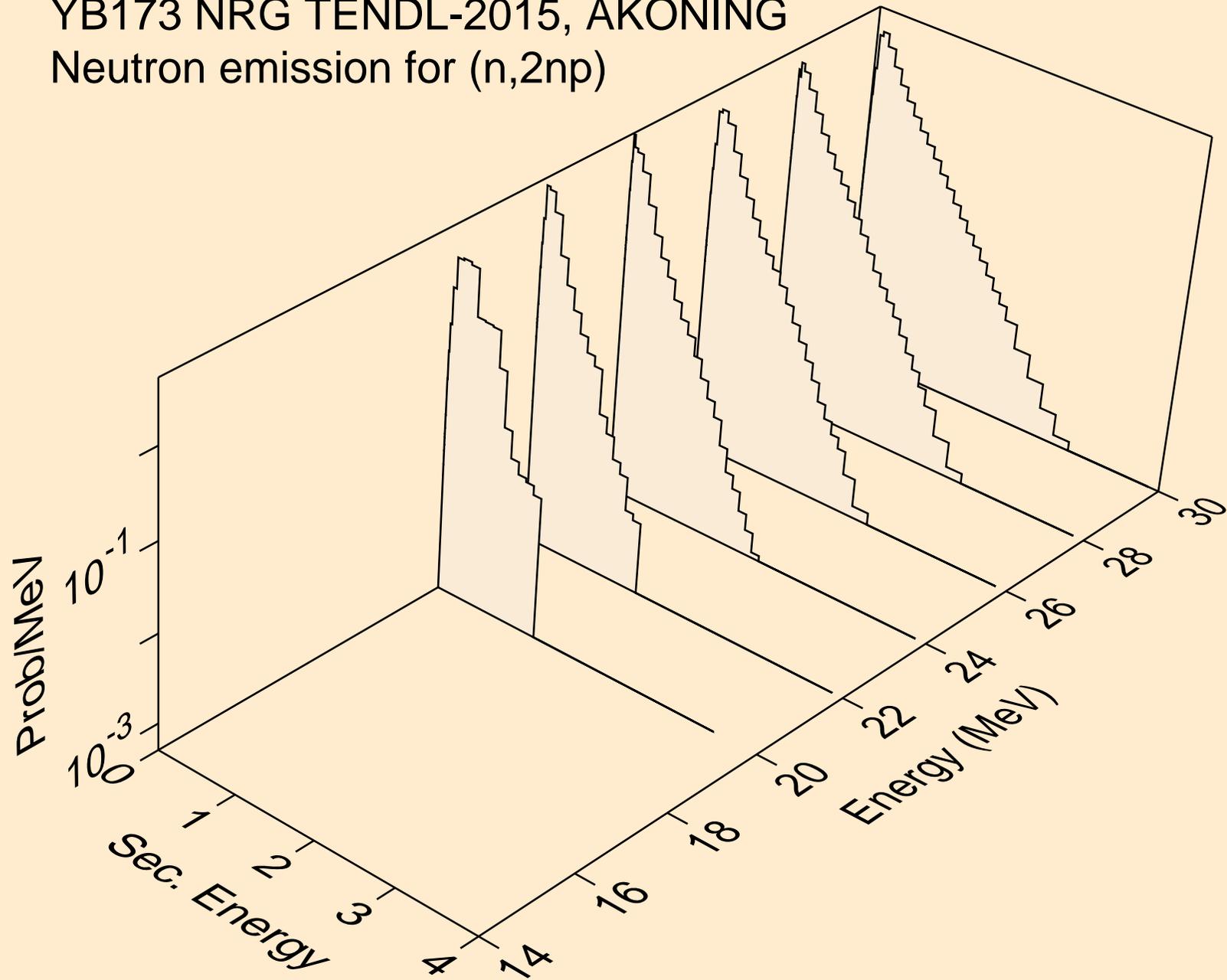
YB173 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



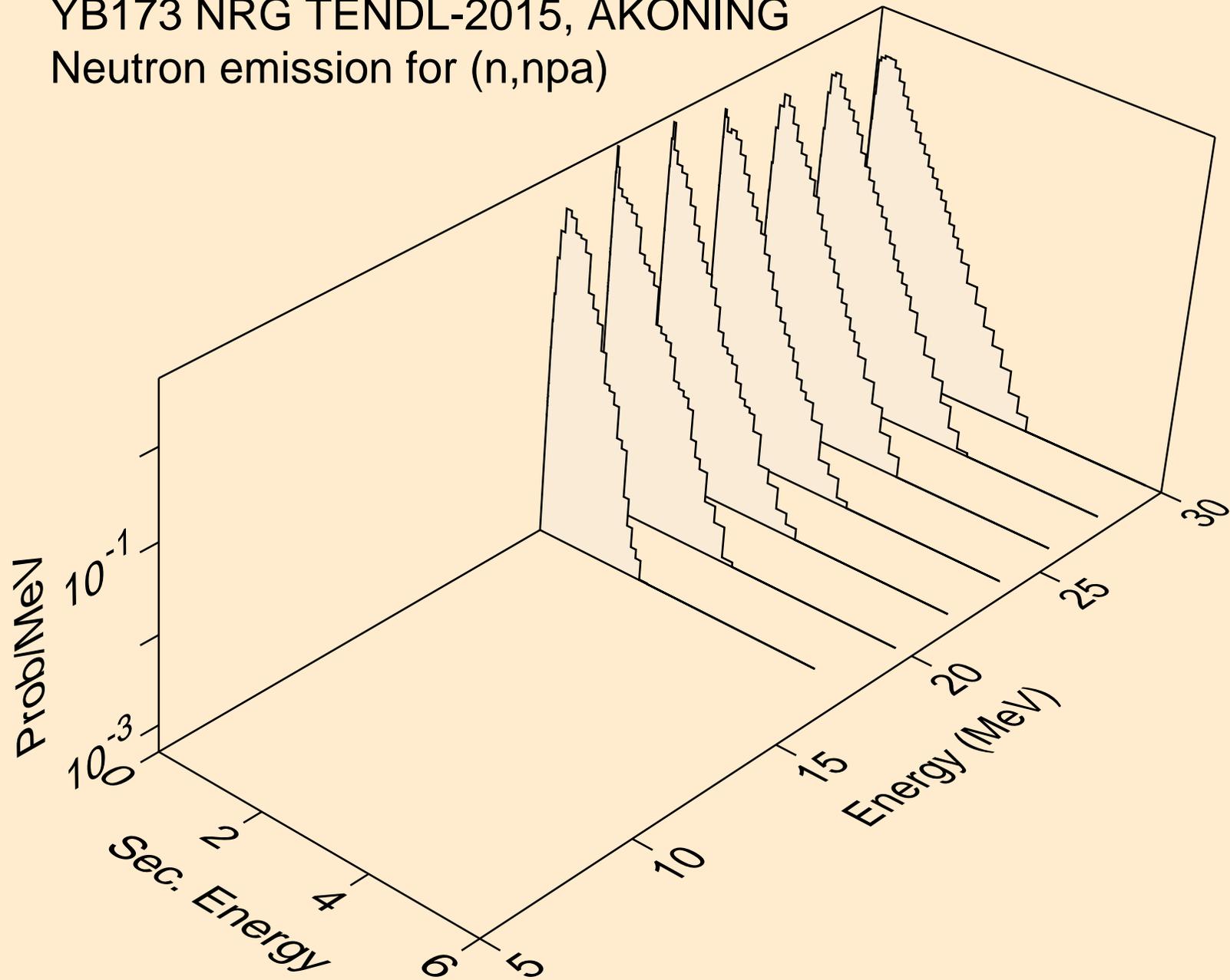
YB173 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



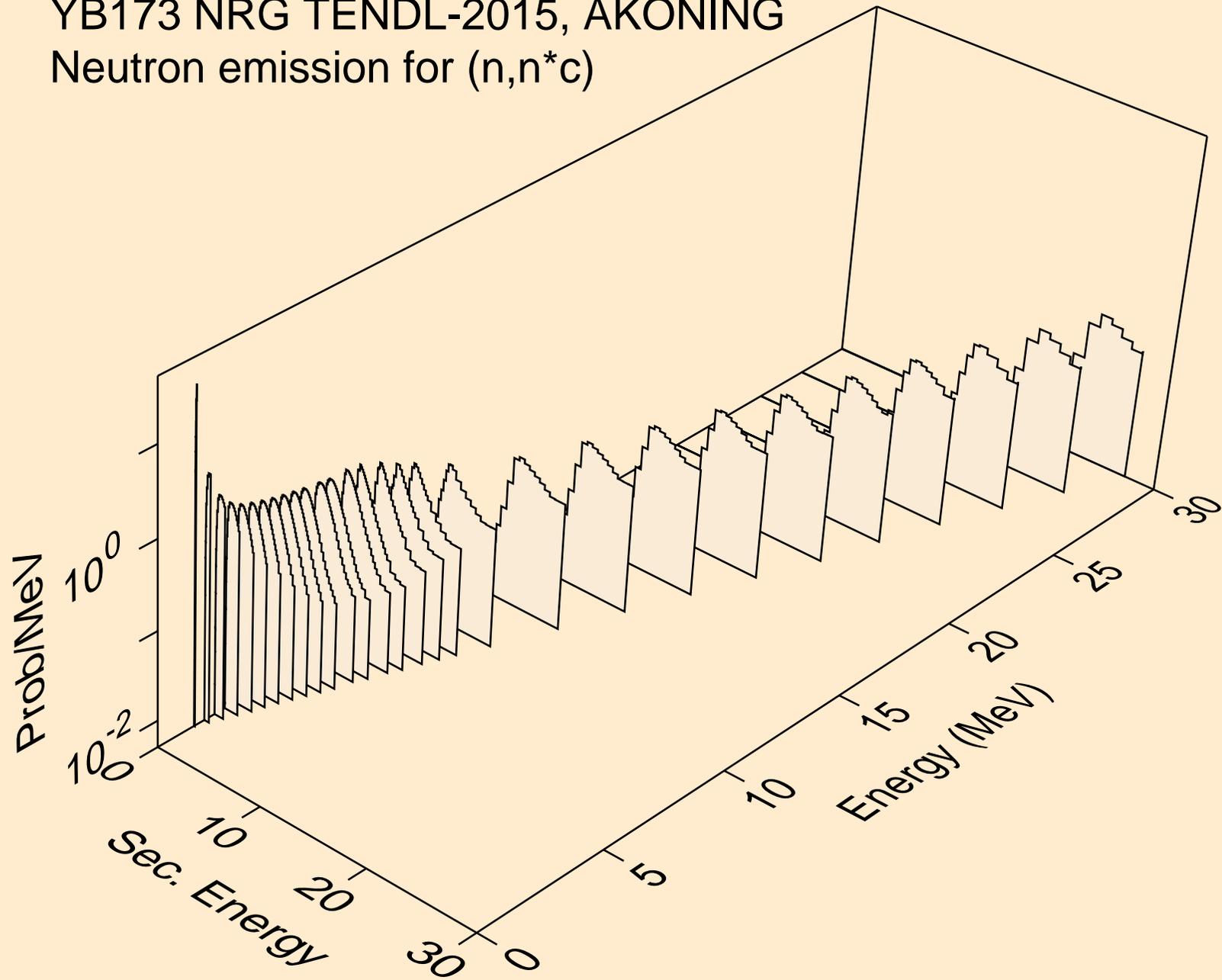
YB173 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



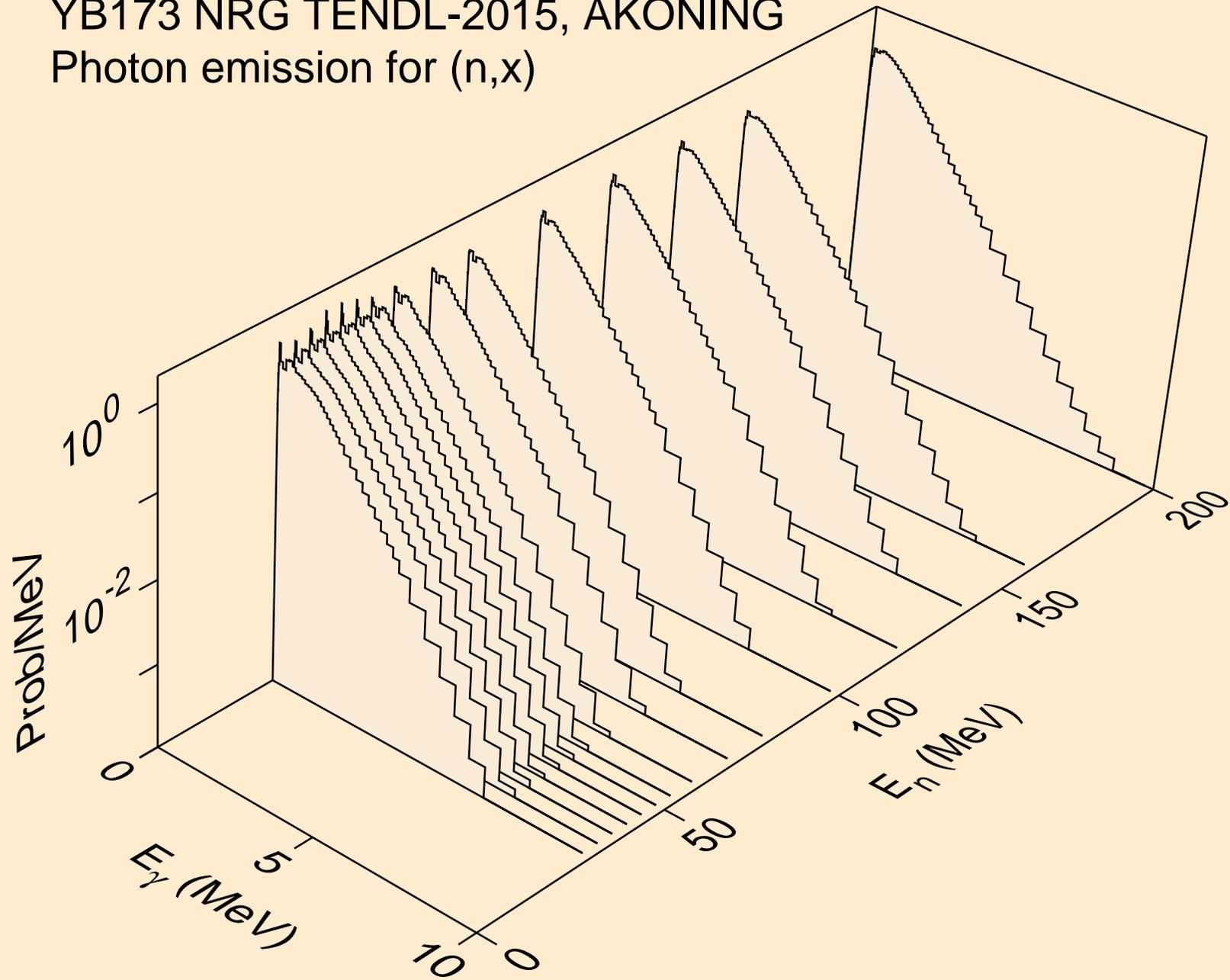
YB173 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



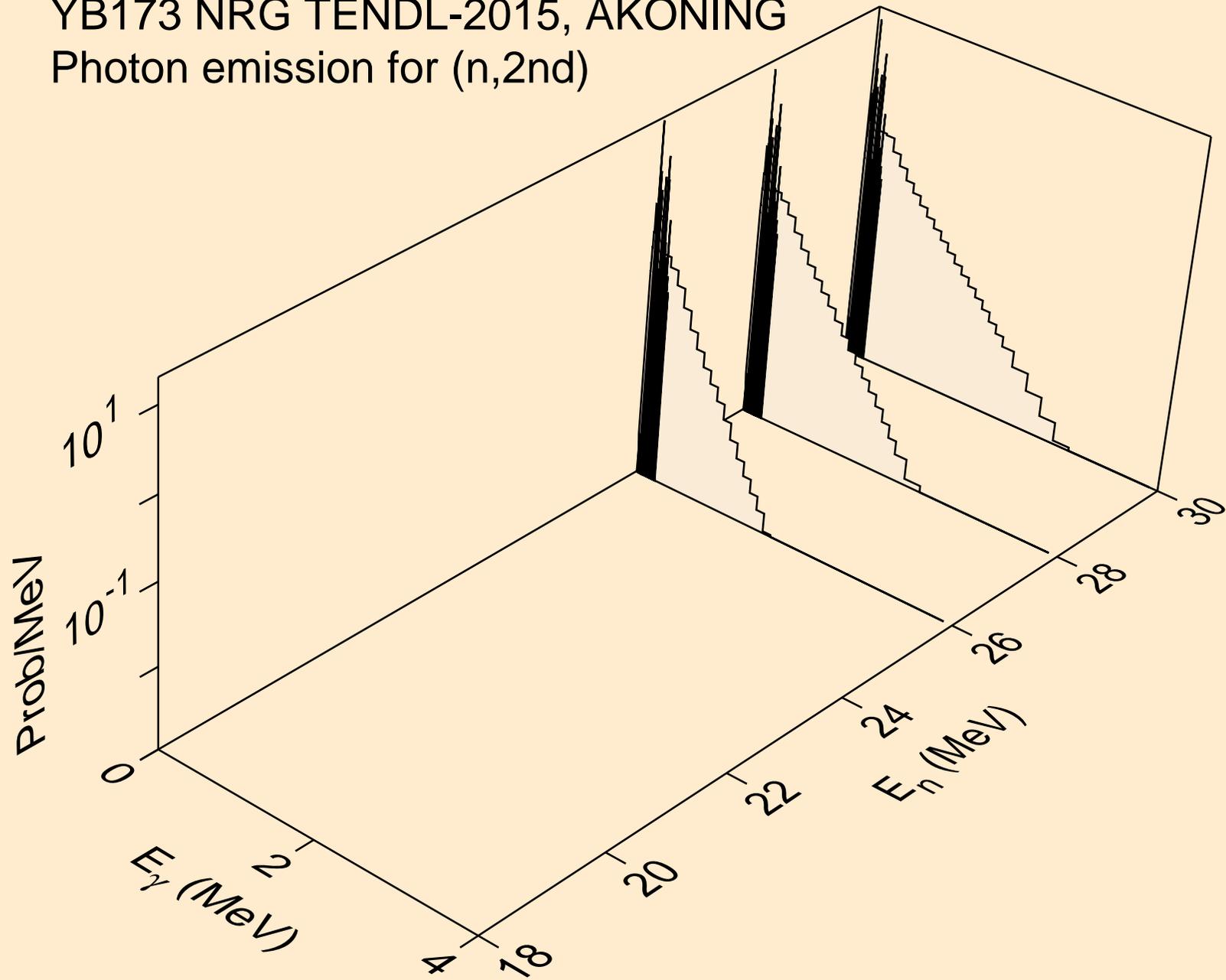
YB173 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



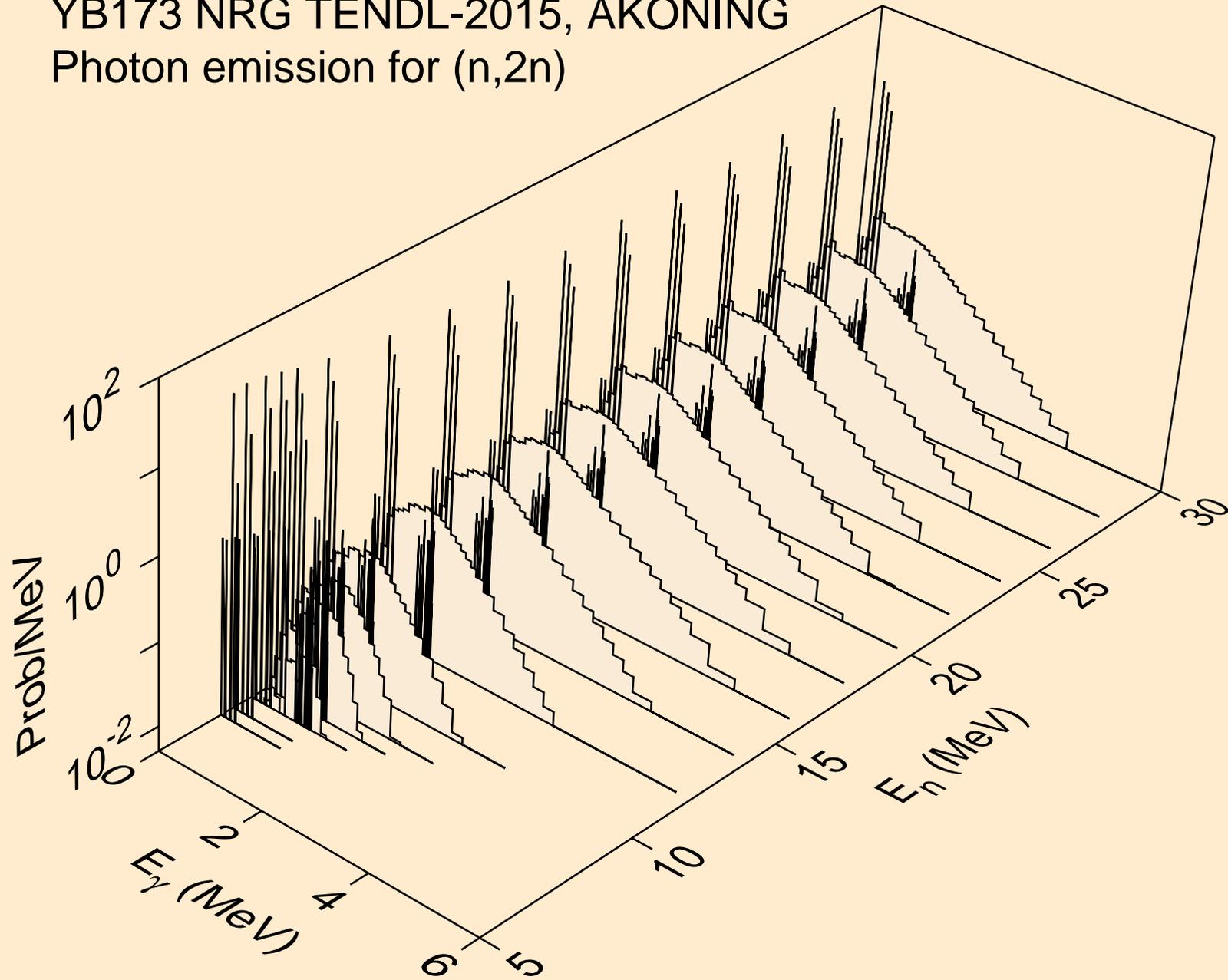
YB173 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



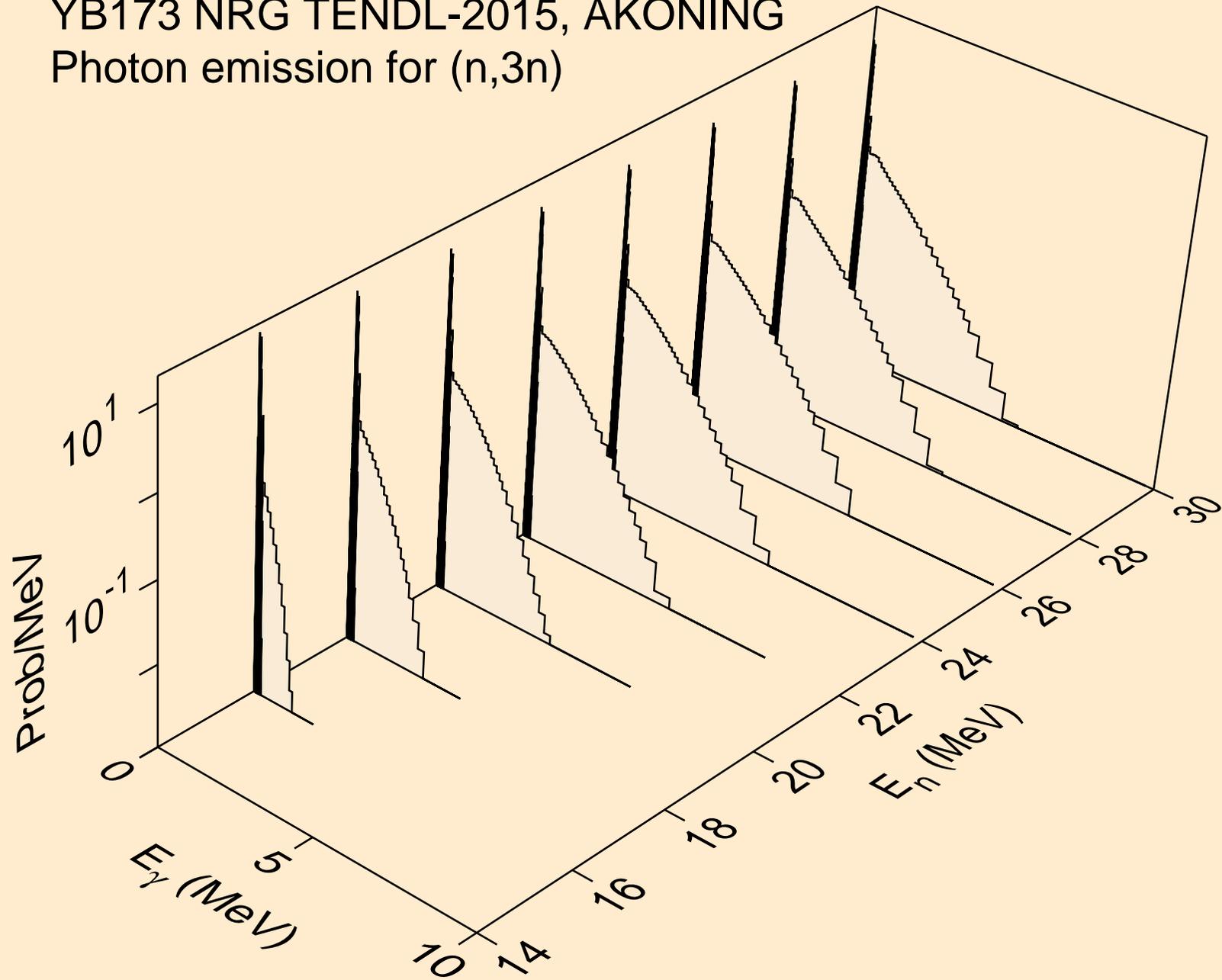
YB173 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



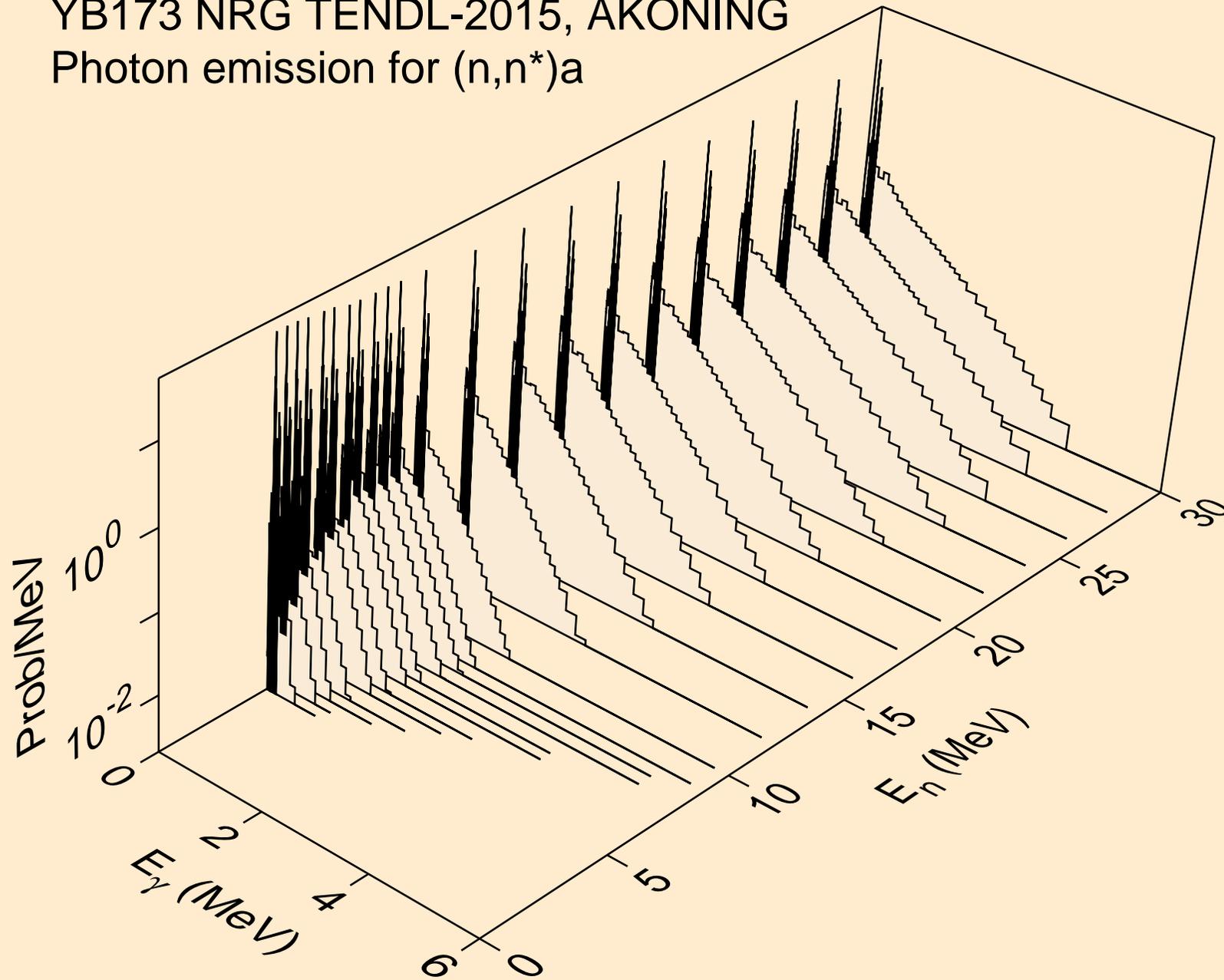
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Photon emission for (n,2n)



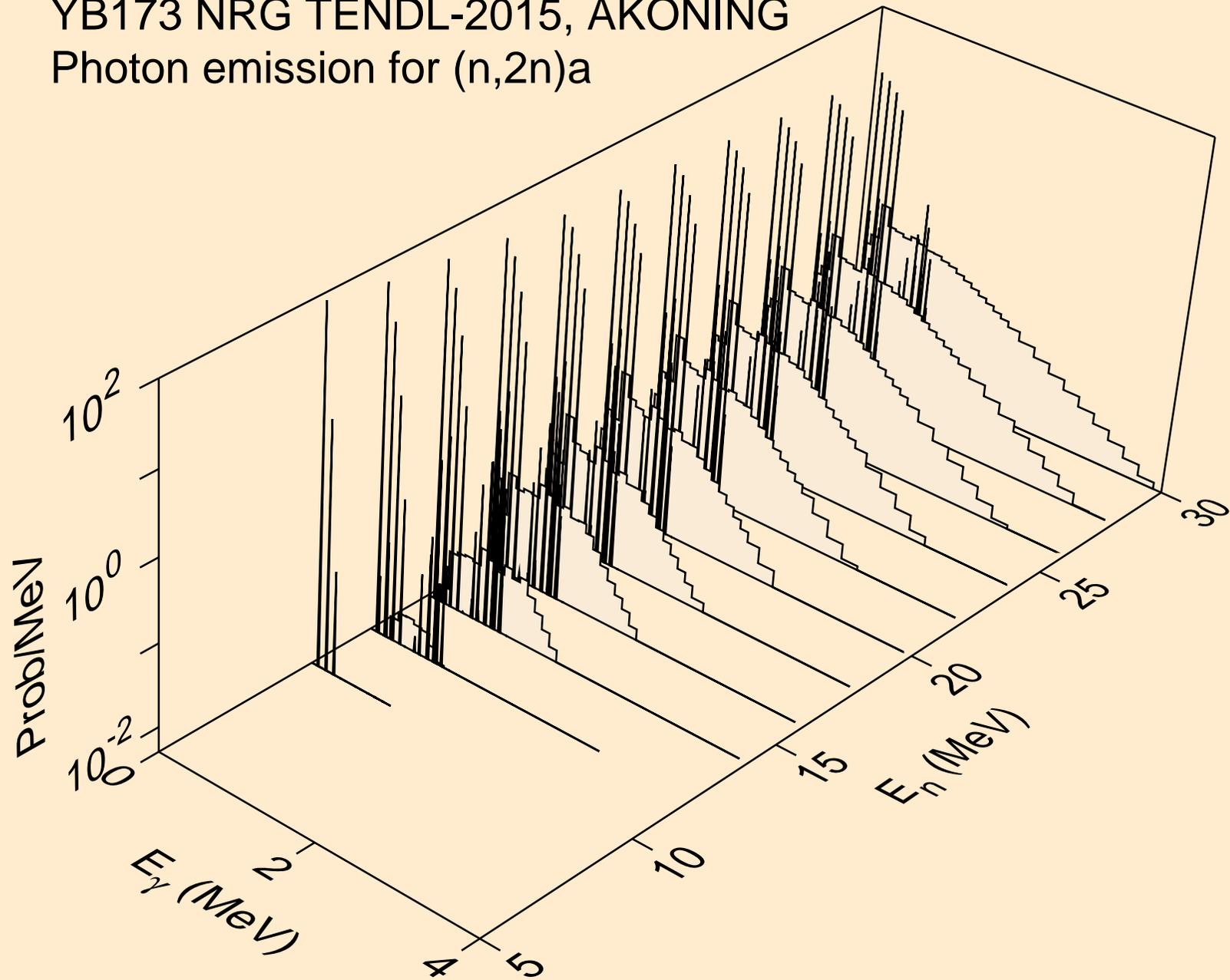
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Photon emission for (n,3n)



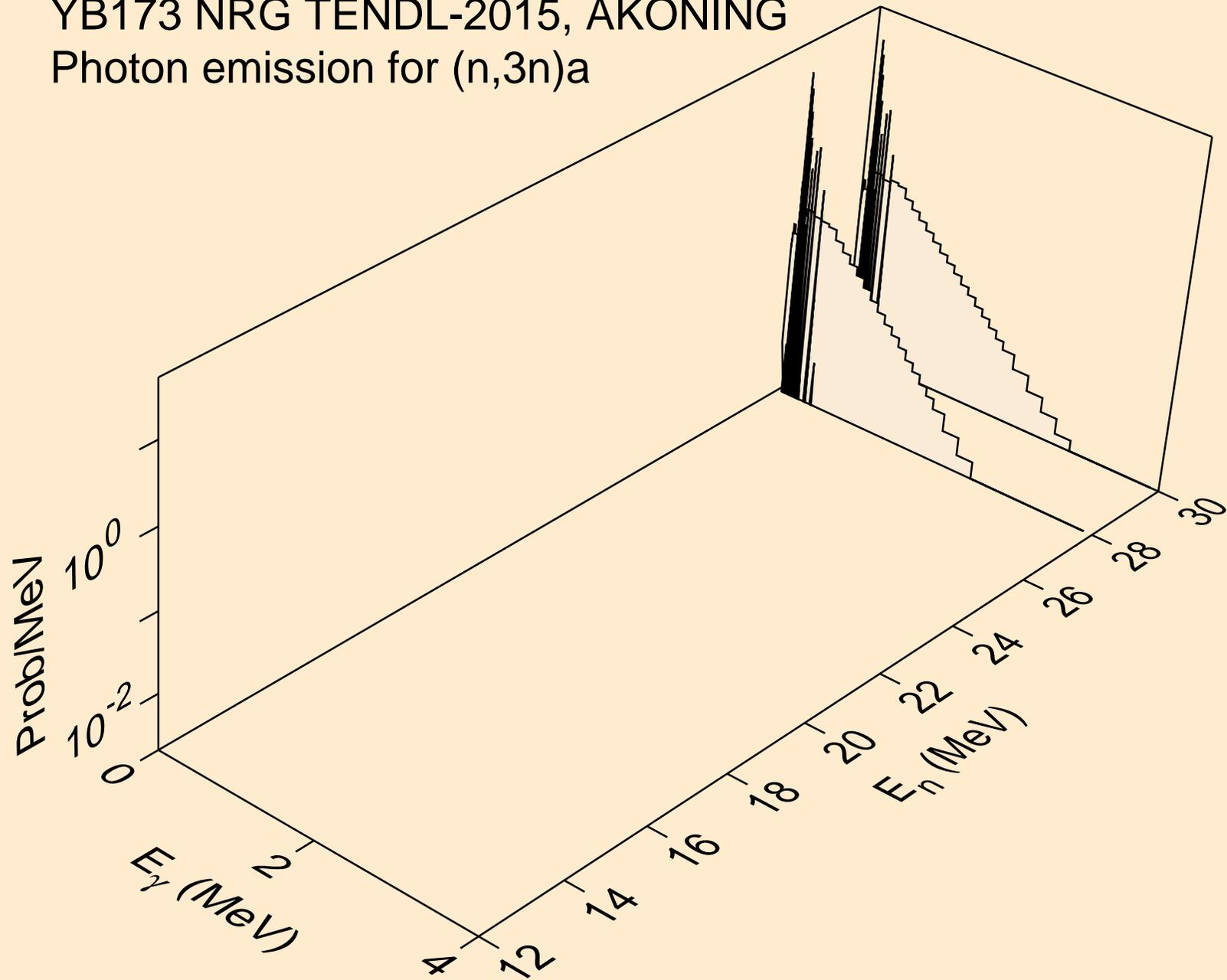
YB173 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



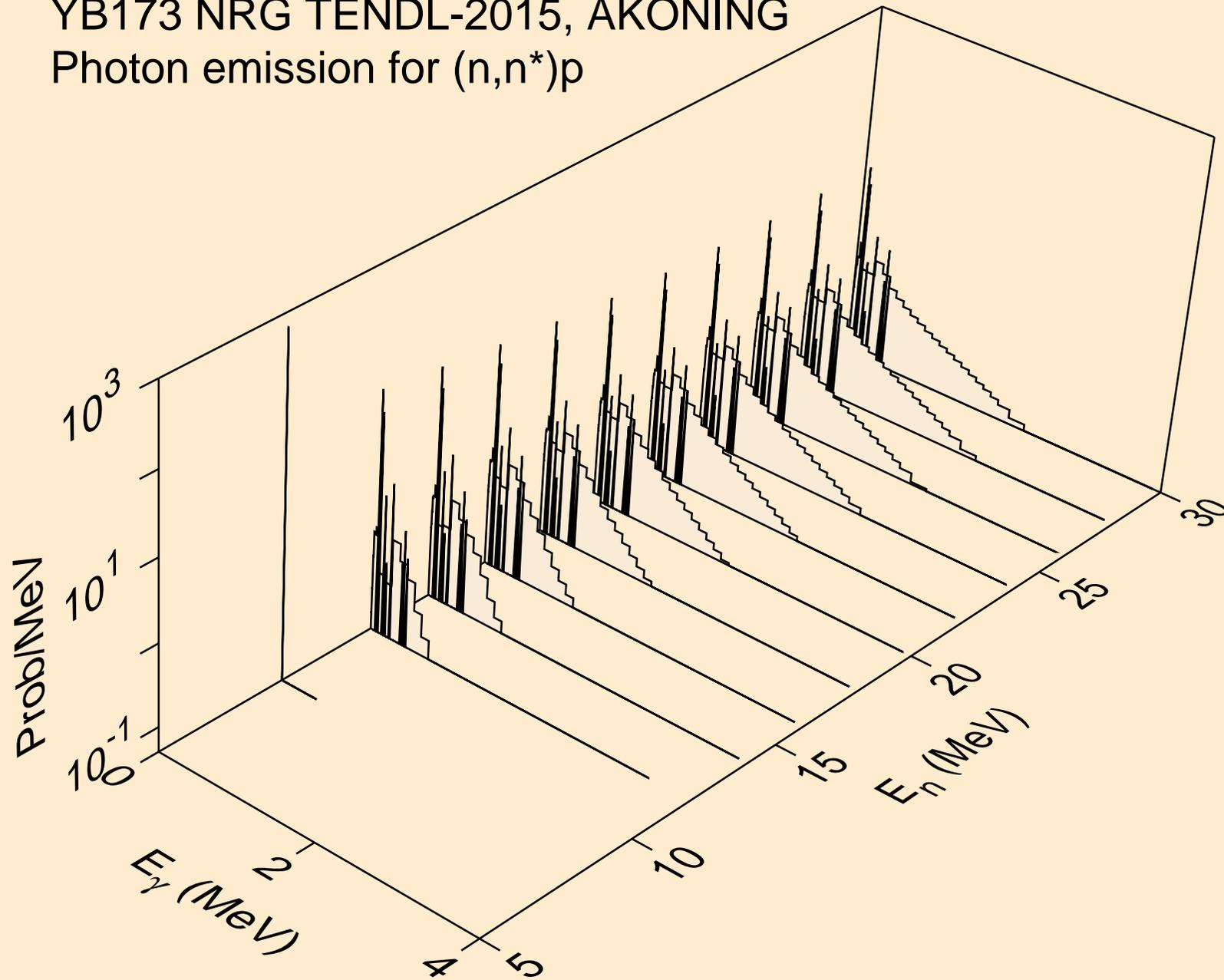
YB173 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)<sub>a</sub>



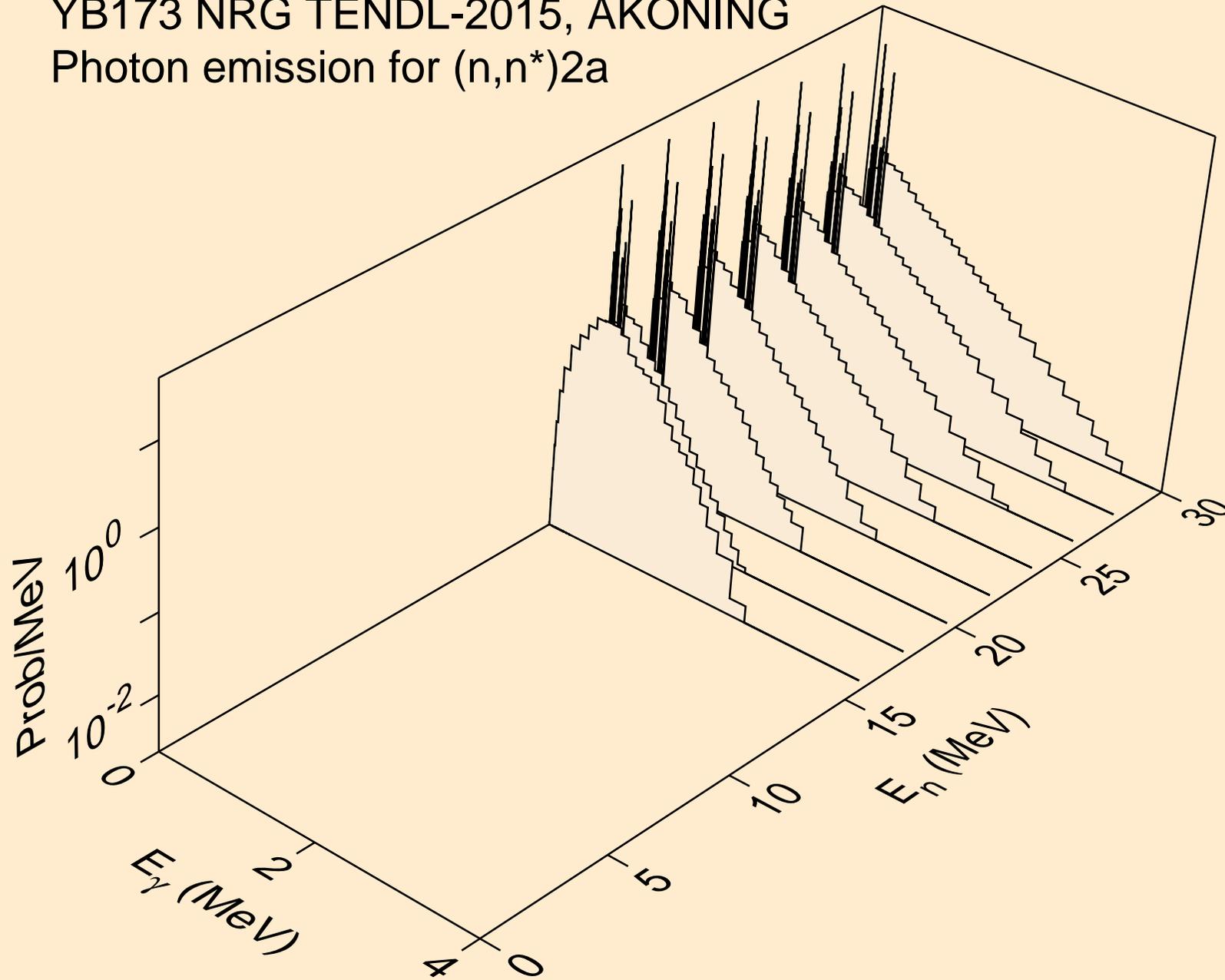
YB173 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



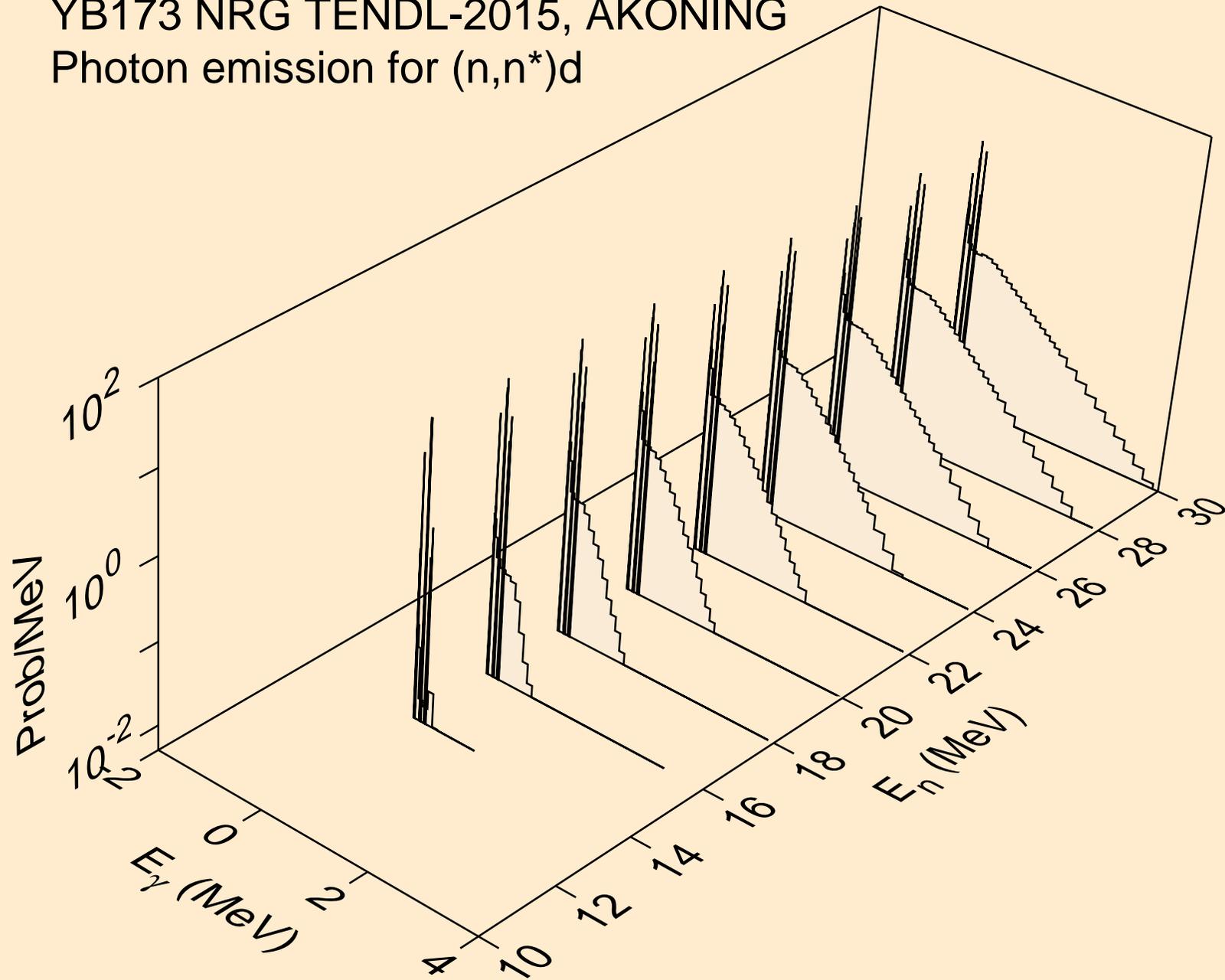
YB173 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



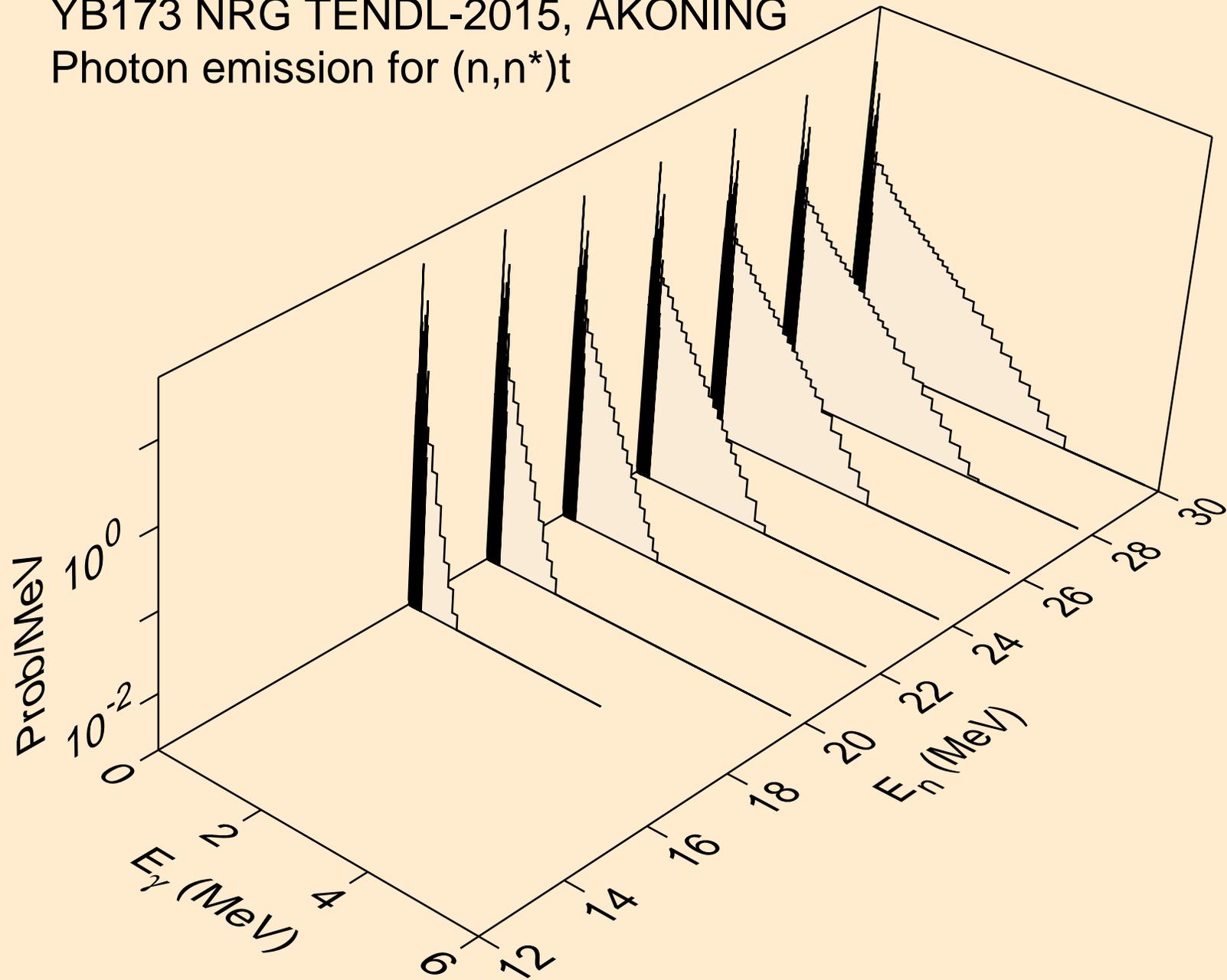
YB173 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



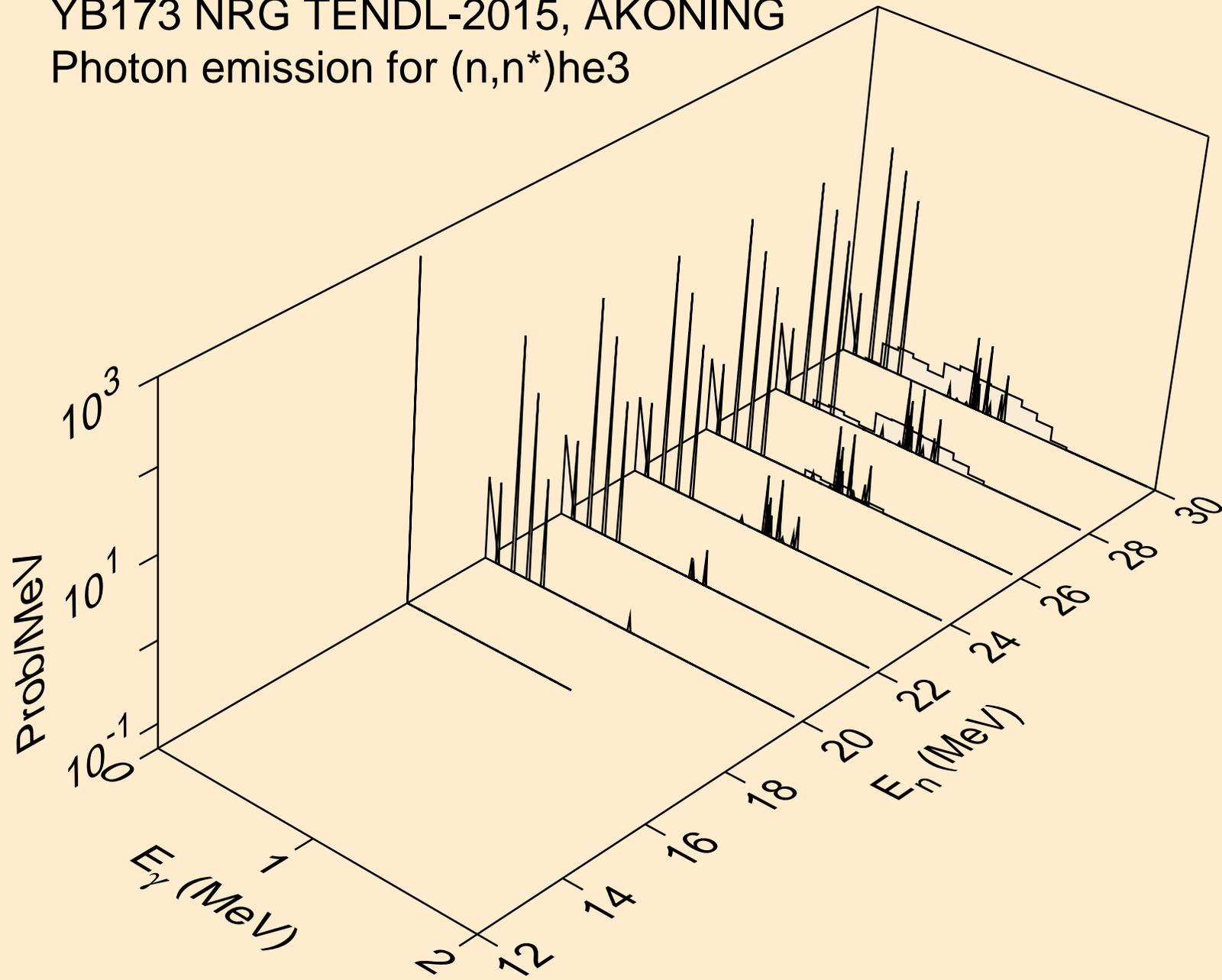
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Photon emission for (n,n\*)d



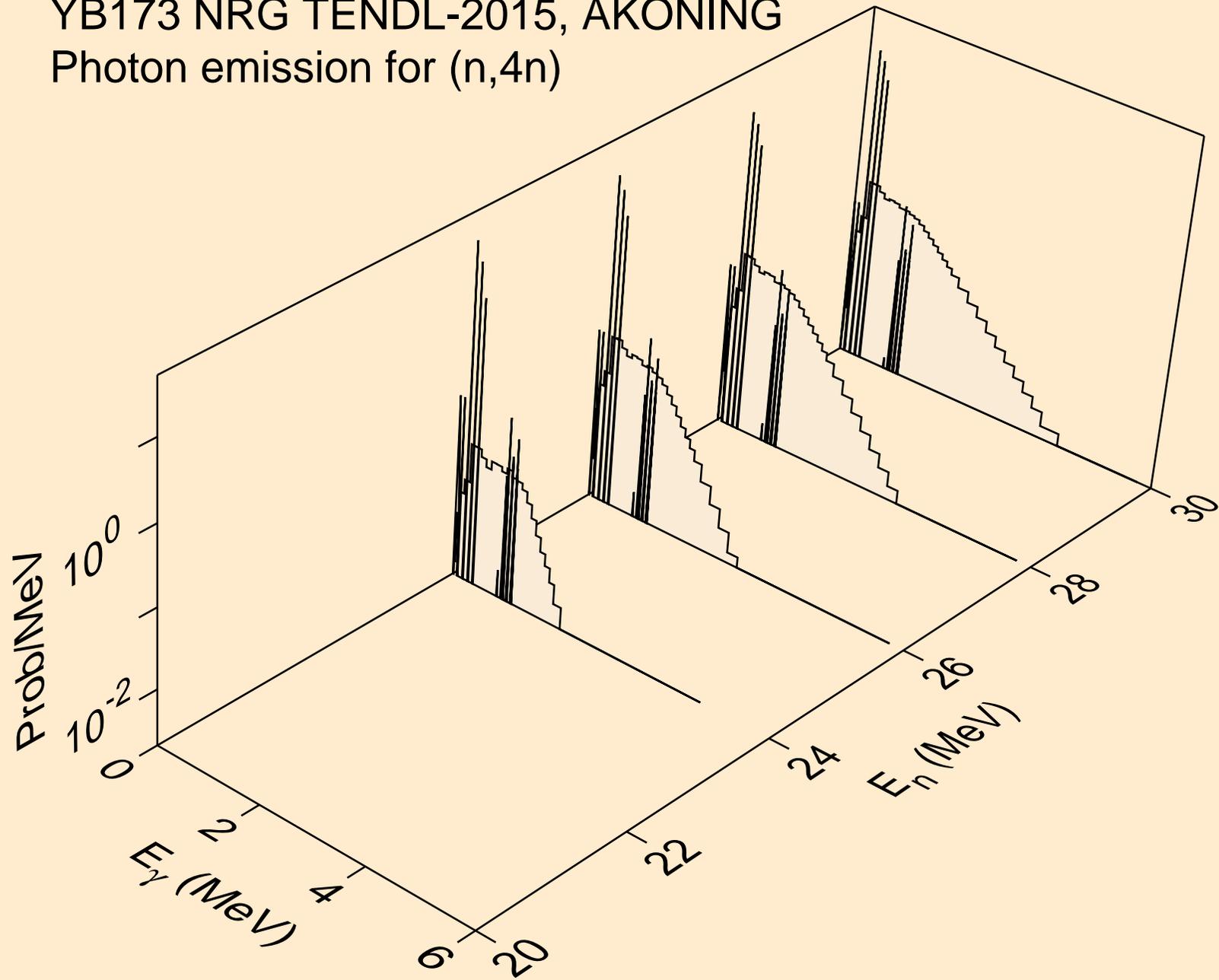
YB173 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



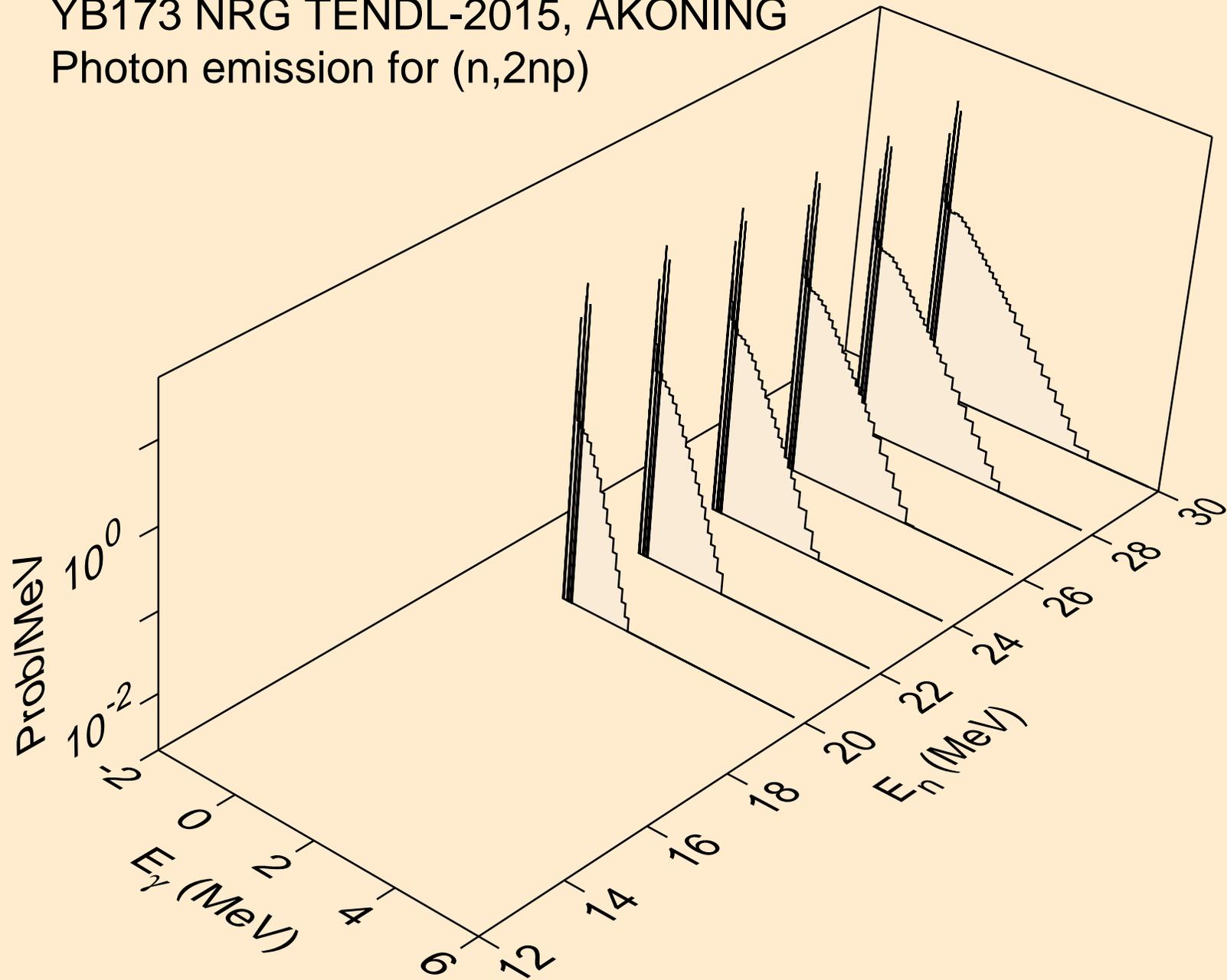
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Photon emission for (n,n\*)he3



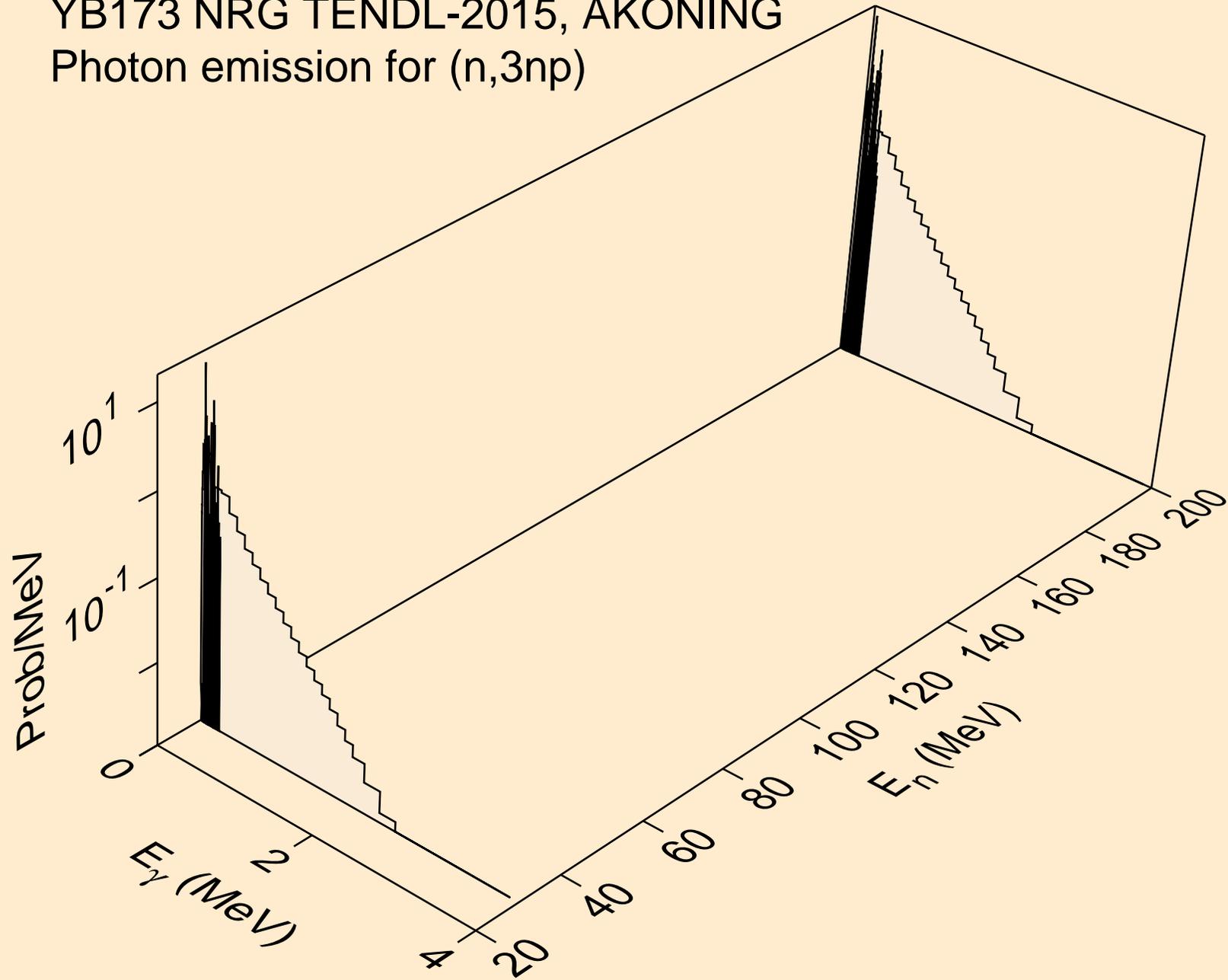
YB173 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



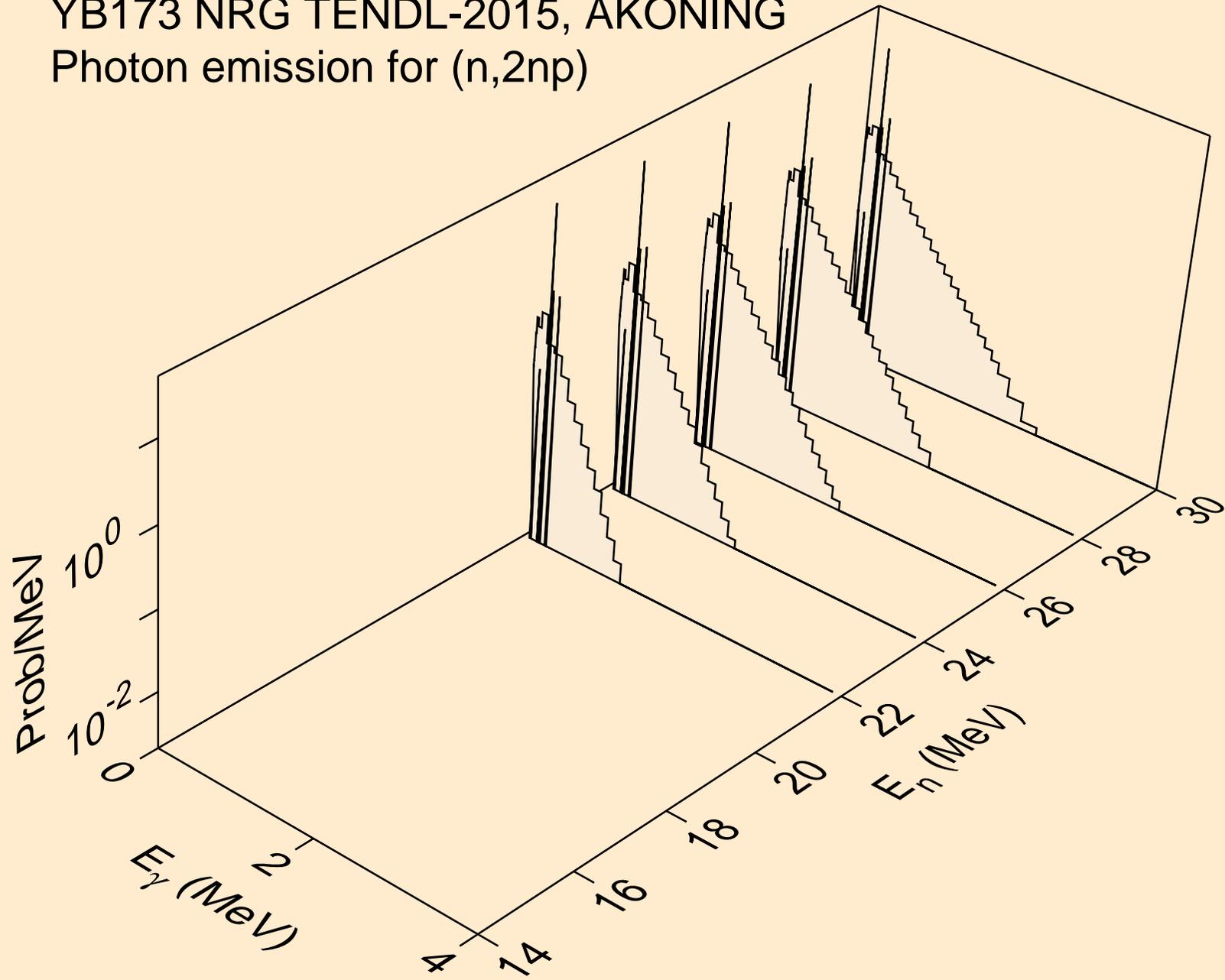
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Photon emission for (n,2np)



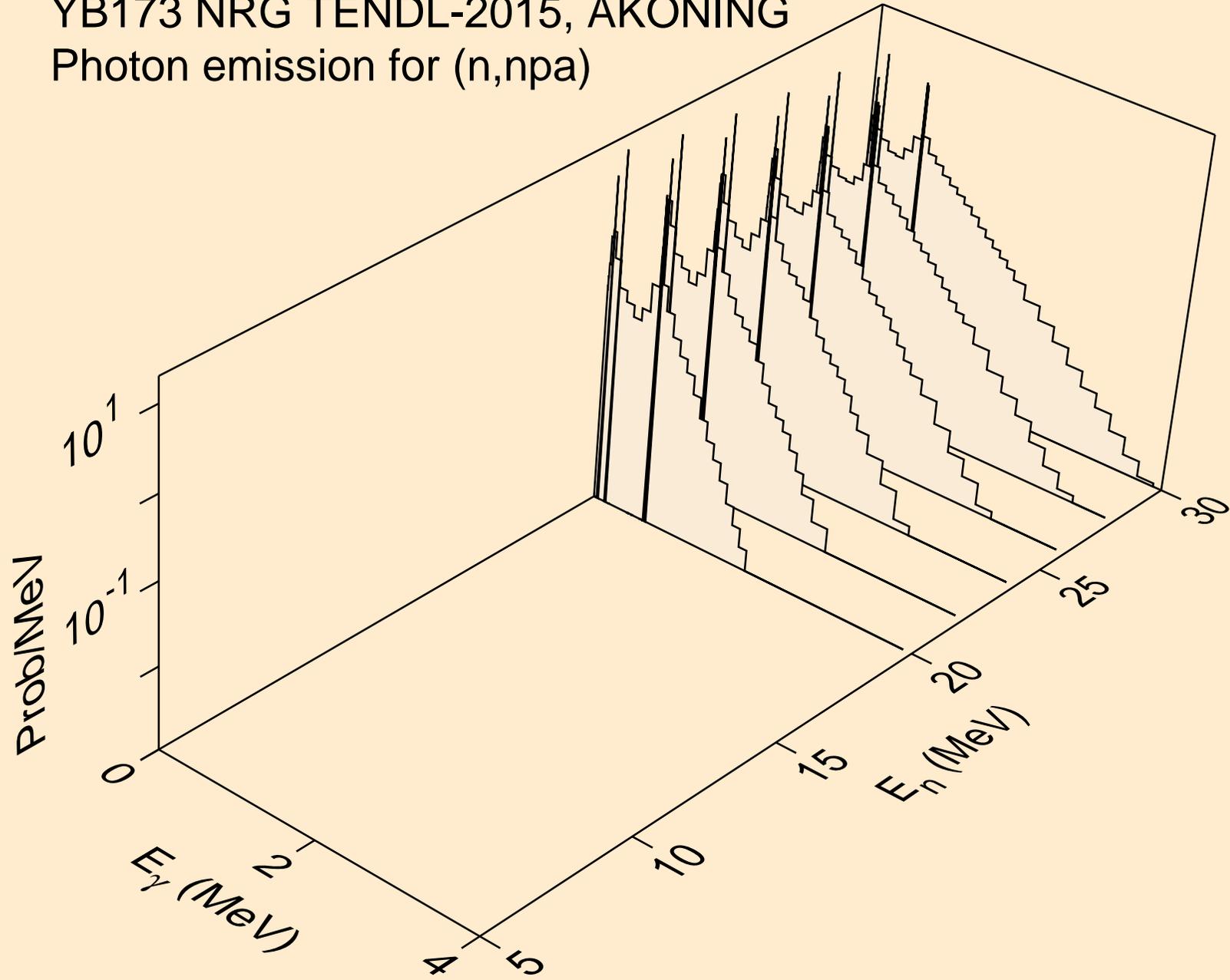
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Photon emission for (n,3np)



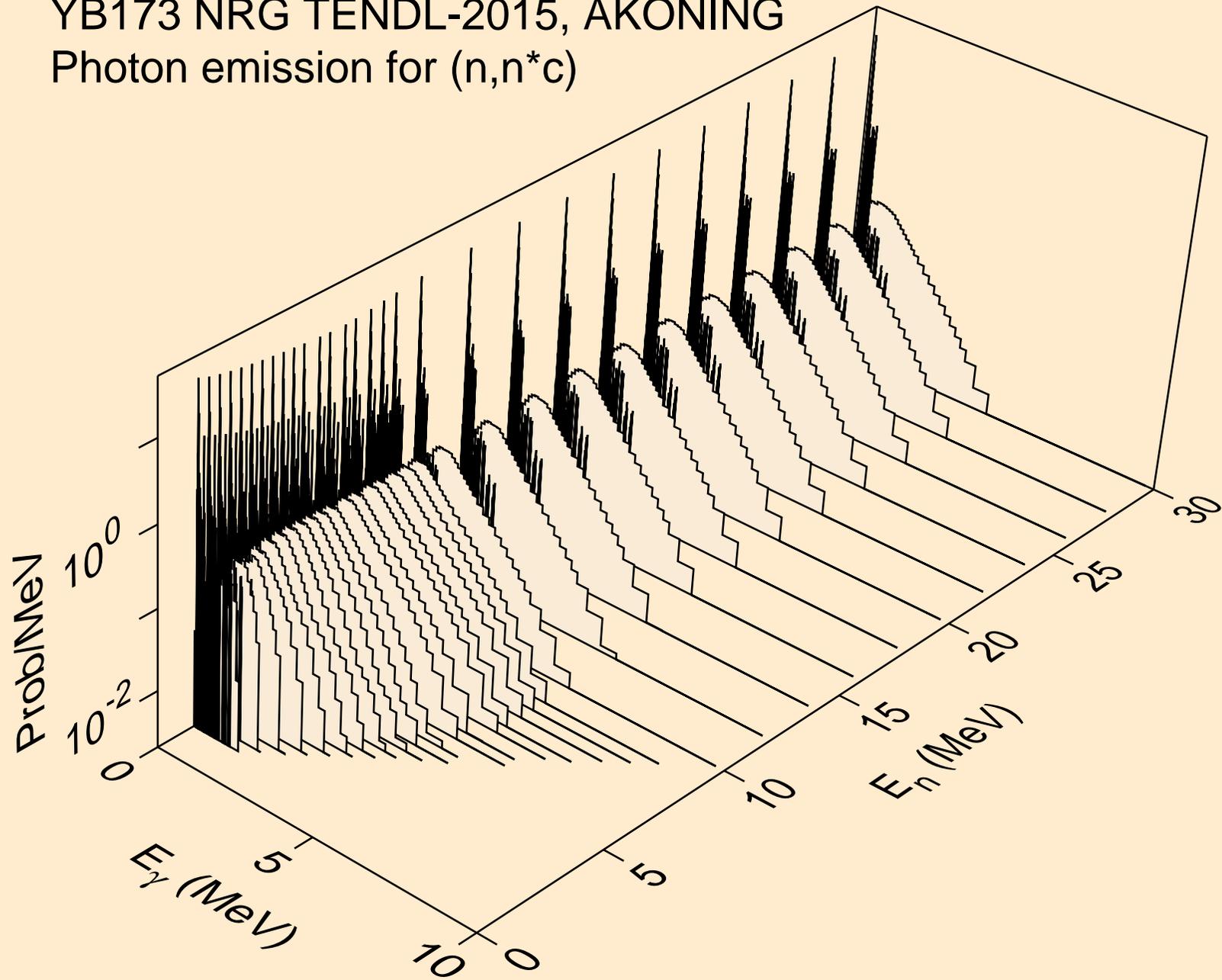
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Photon emission for (n,2np)



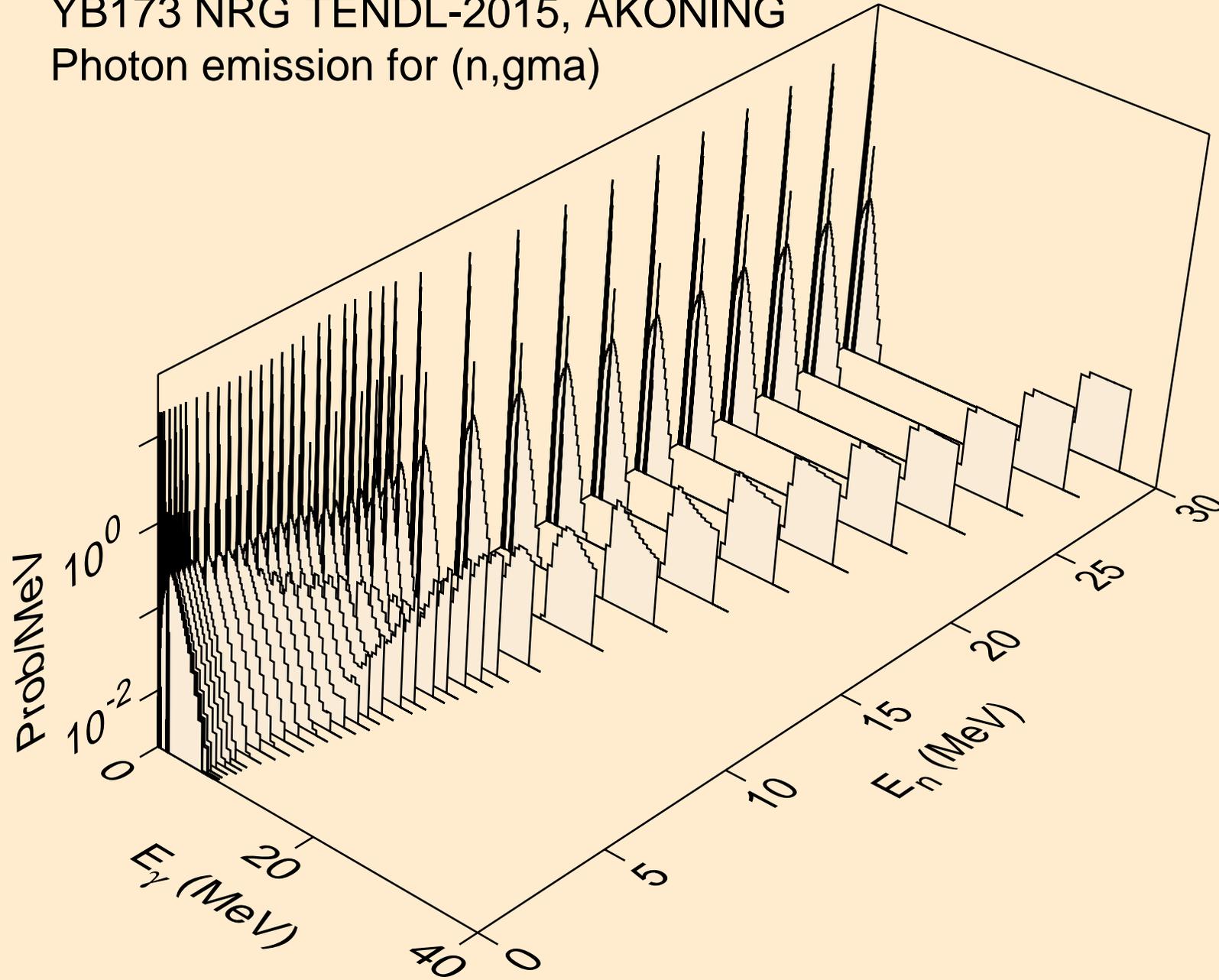
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Photon emission for (n,npa)



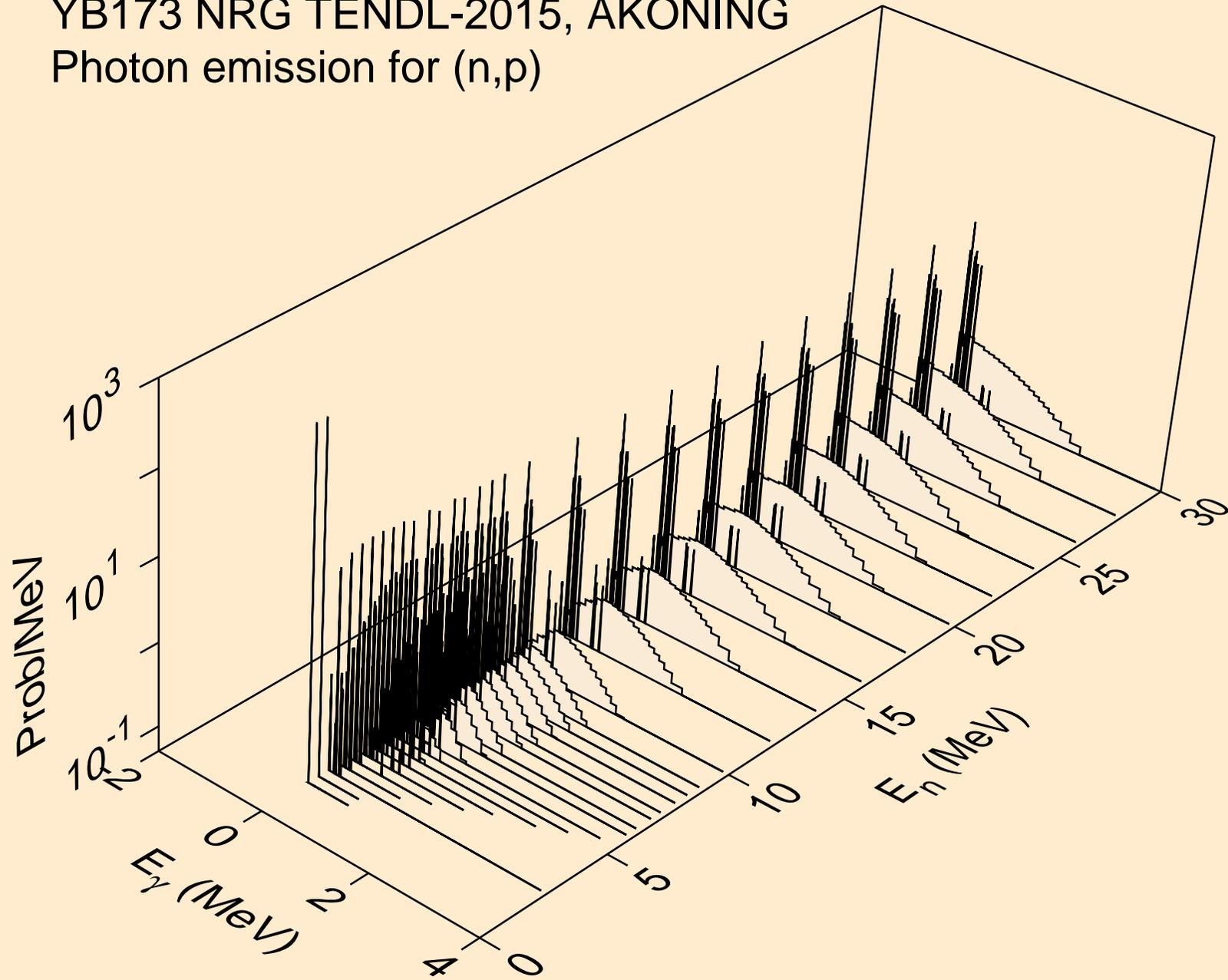
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Photon emission for (n,n\*c)



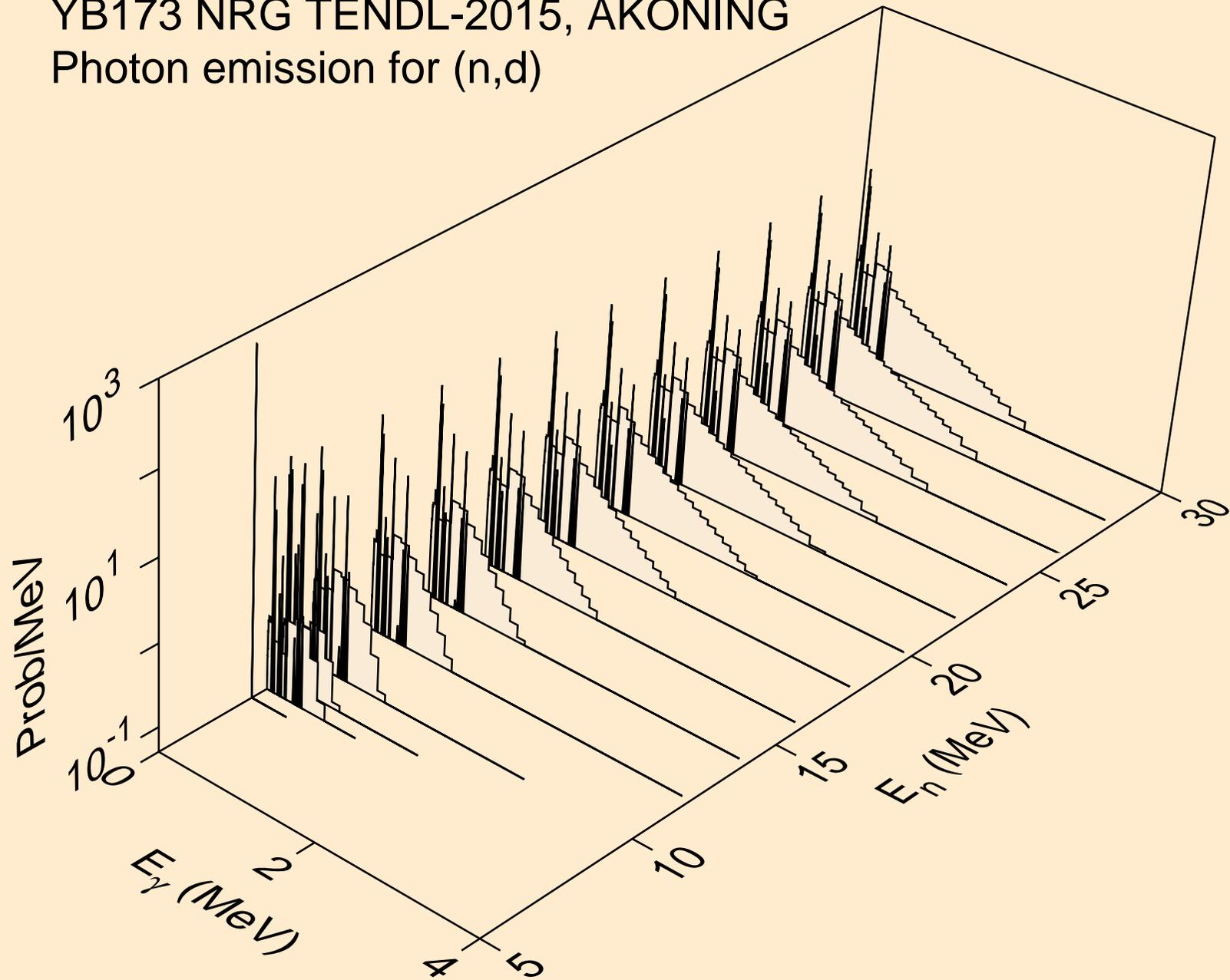
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Photon emission for (n,gma)



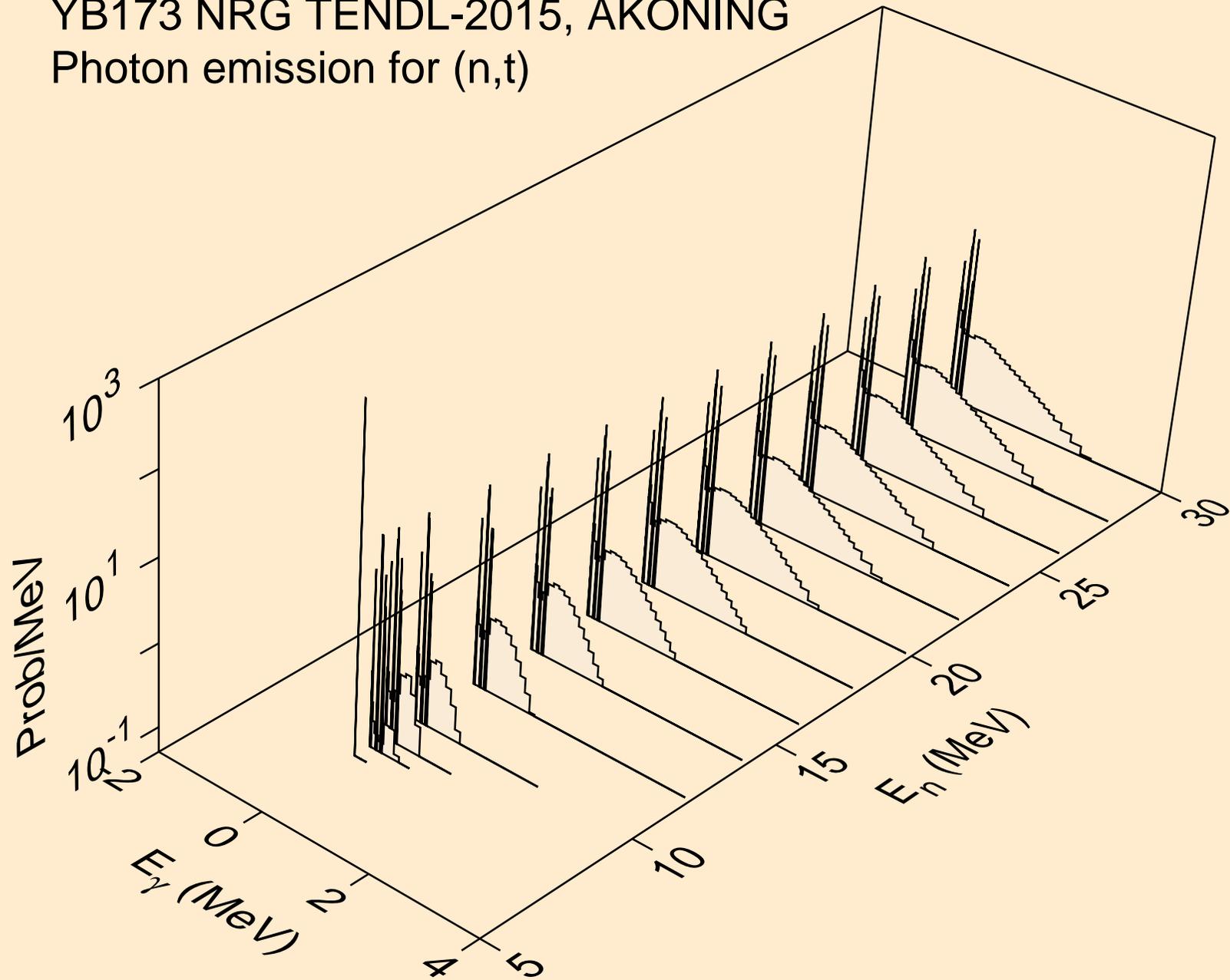
YB173 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



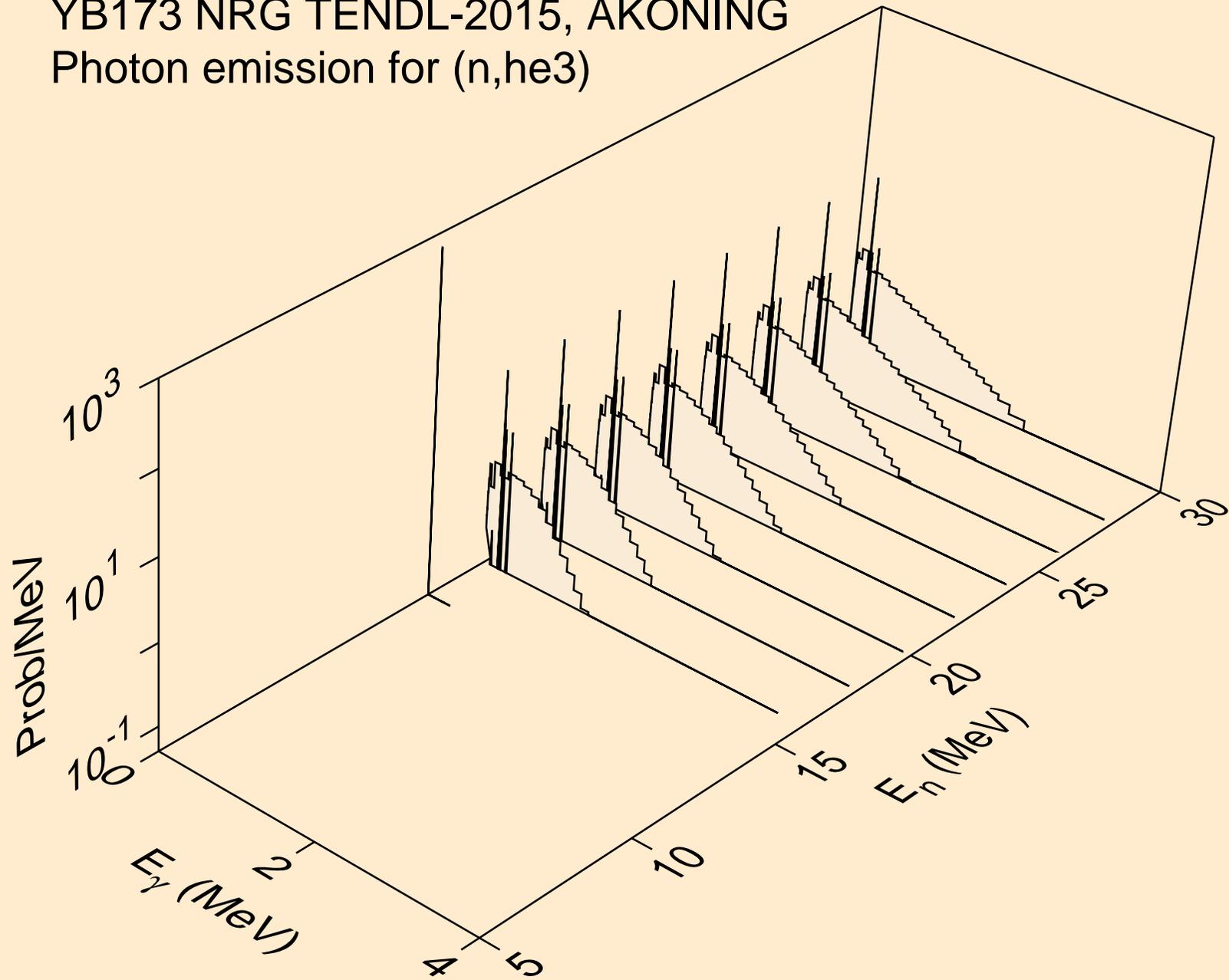
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Photon emission for (n,d)



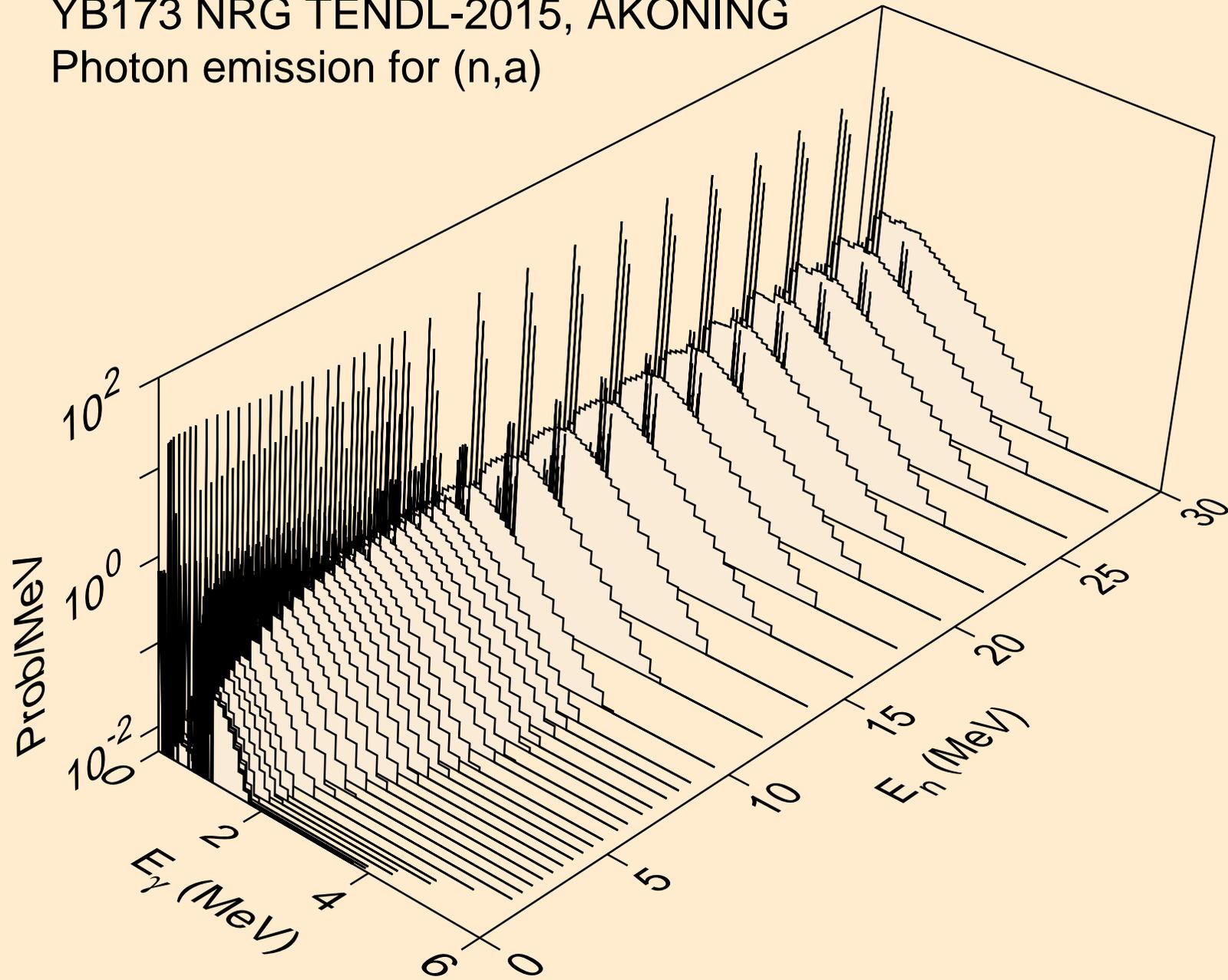
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Photon emission for (n,t)



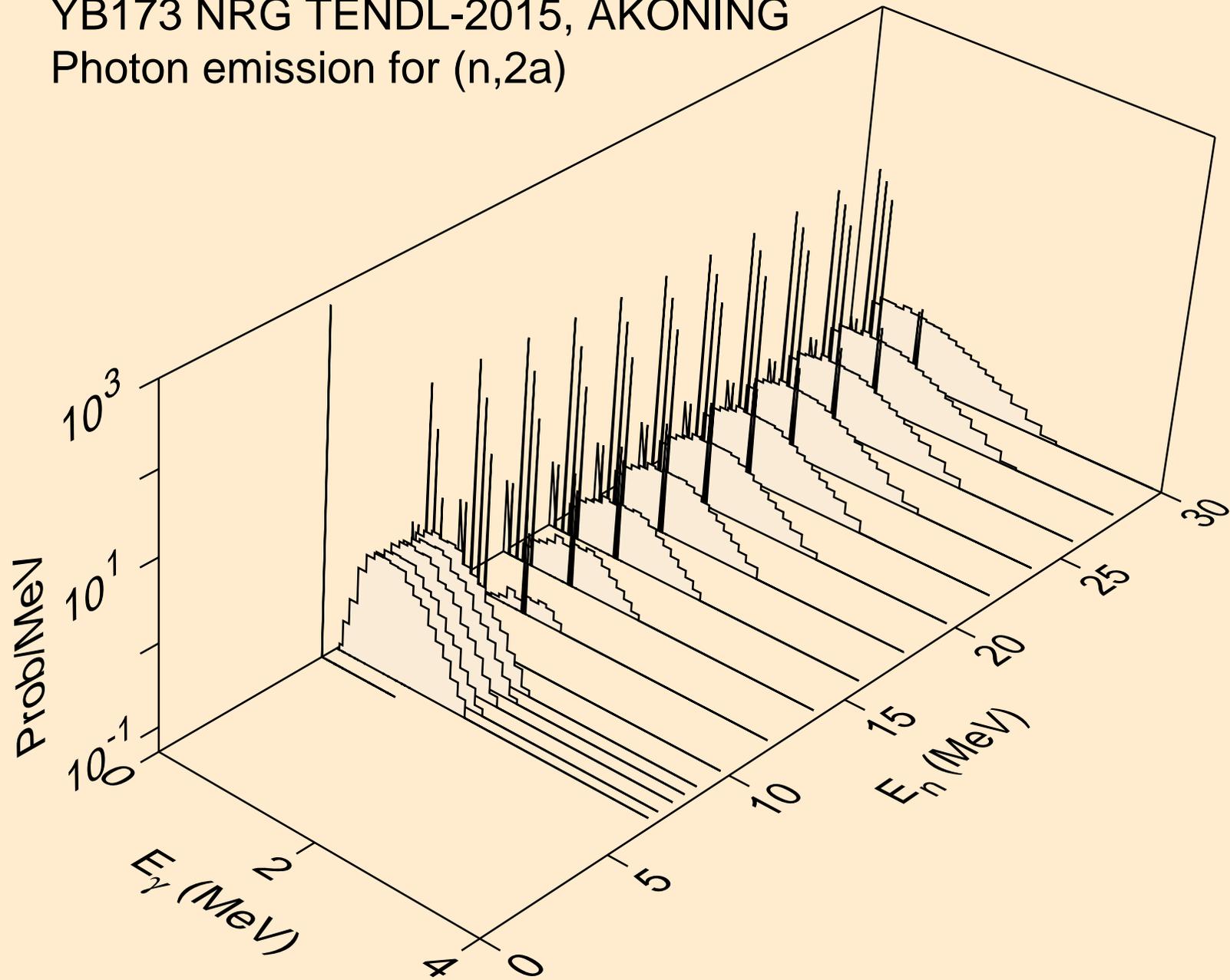
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Photon emission for (n,he3)



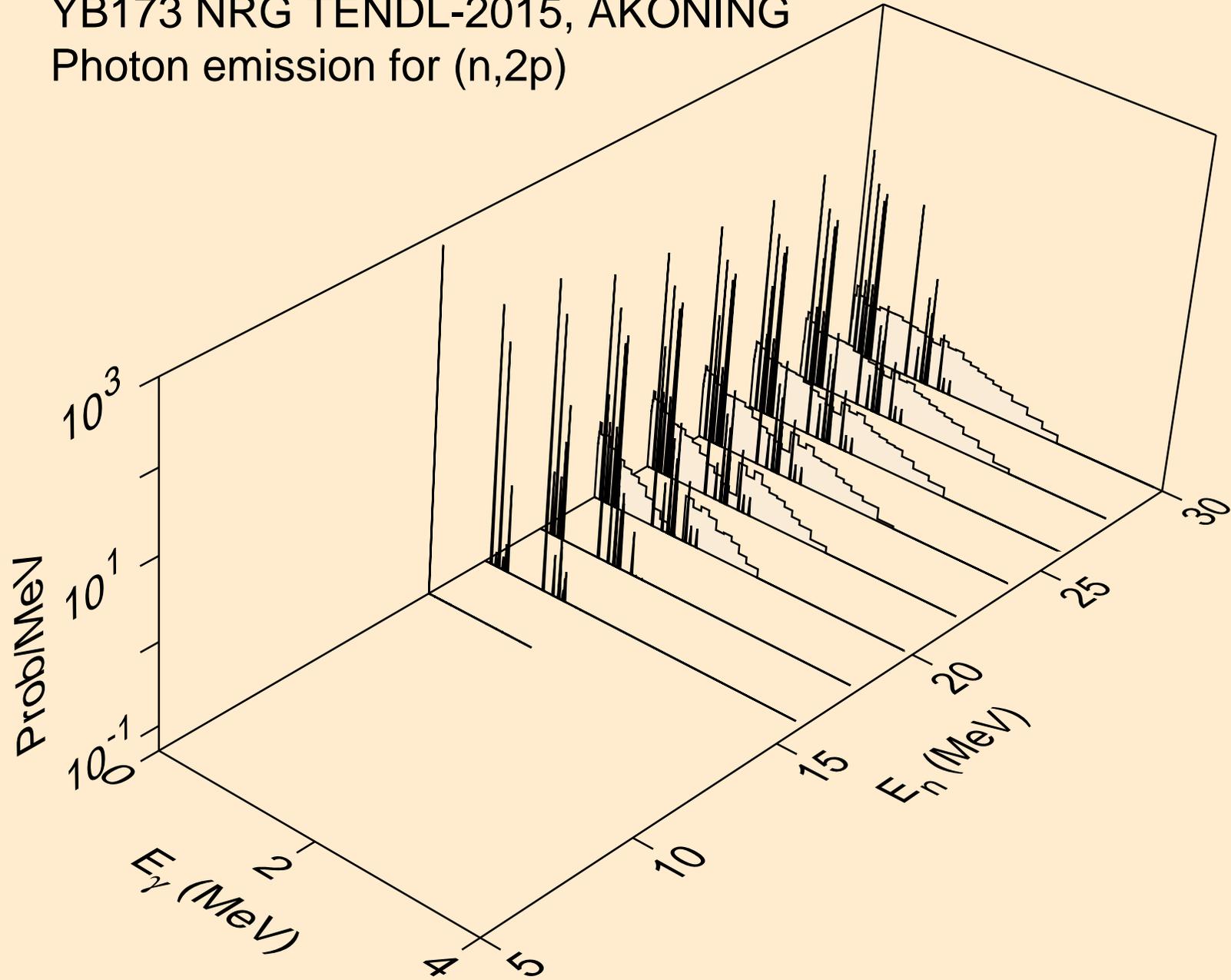
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Photon emission for (n,a)



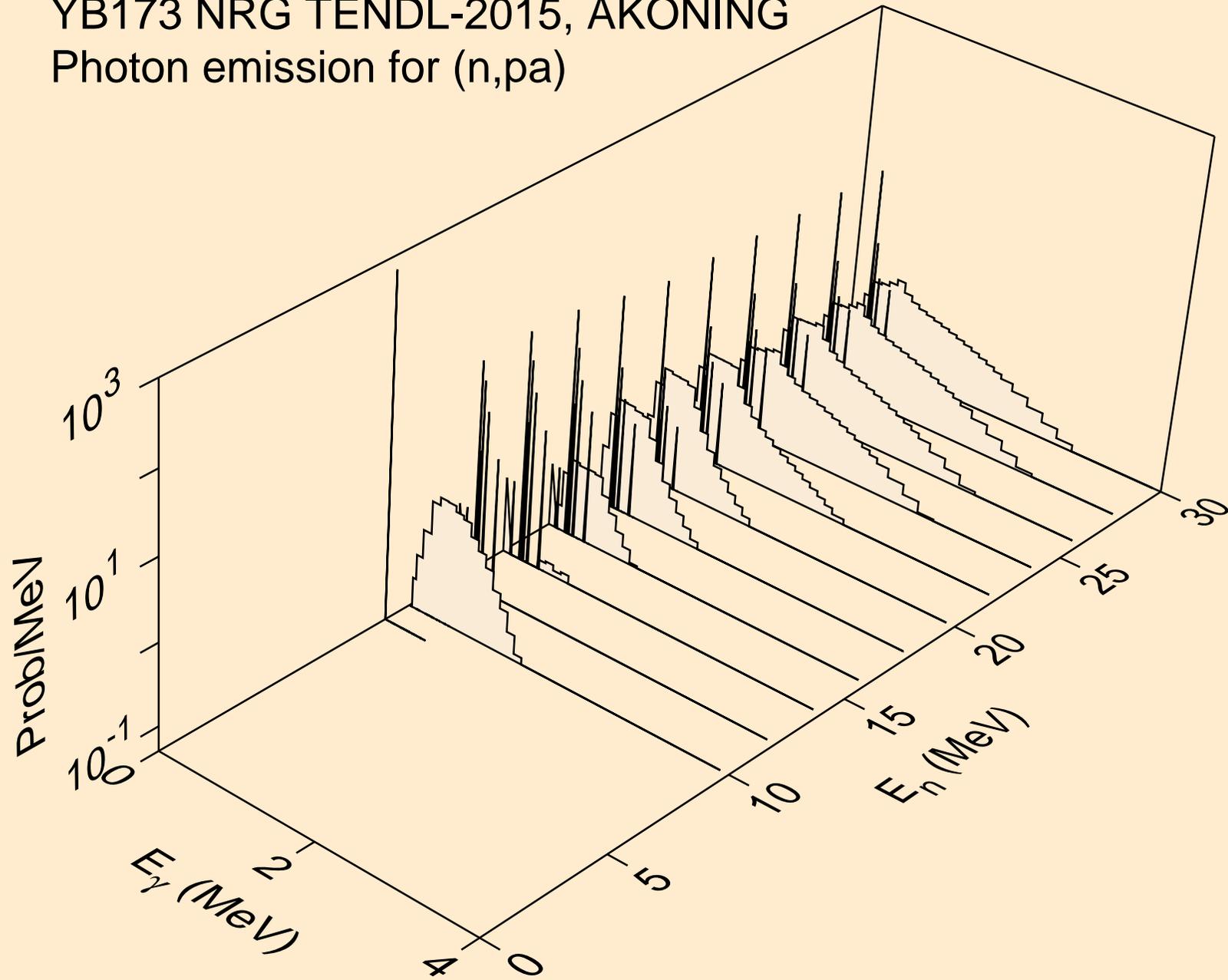
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Photon emission for (n,2a)



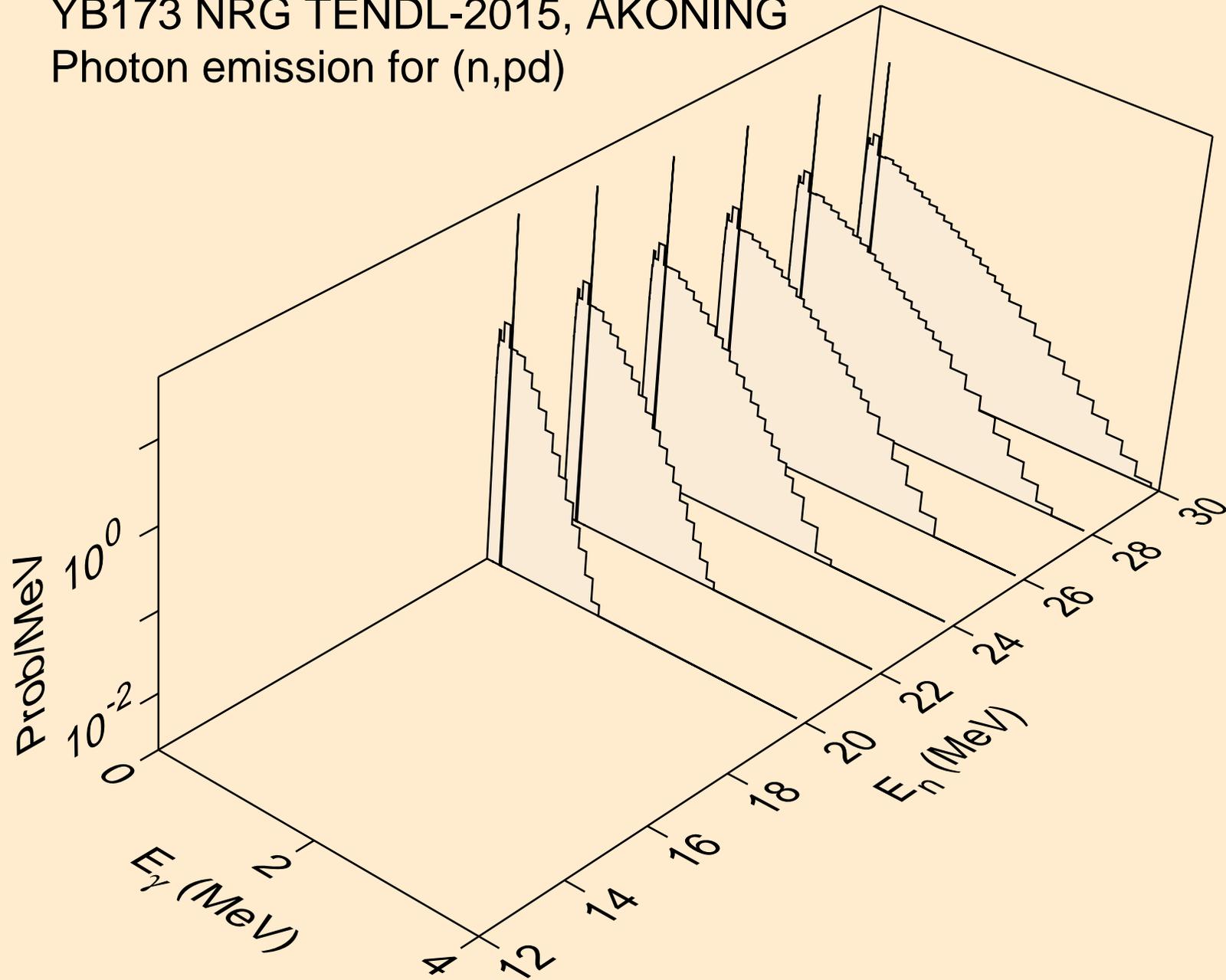
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Photon emission for (n,2p)



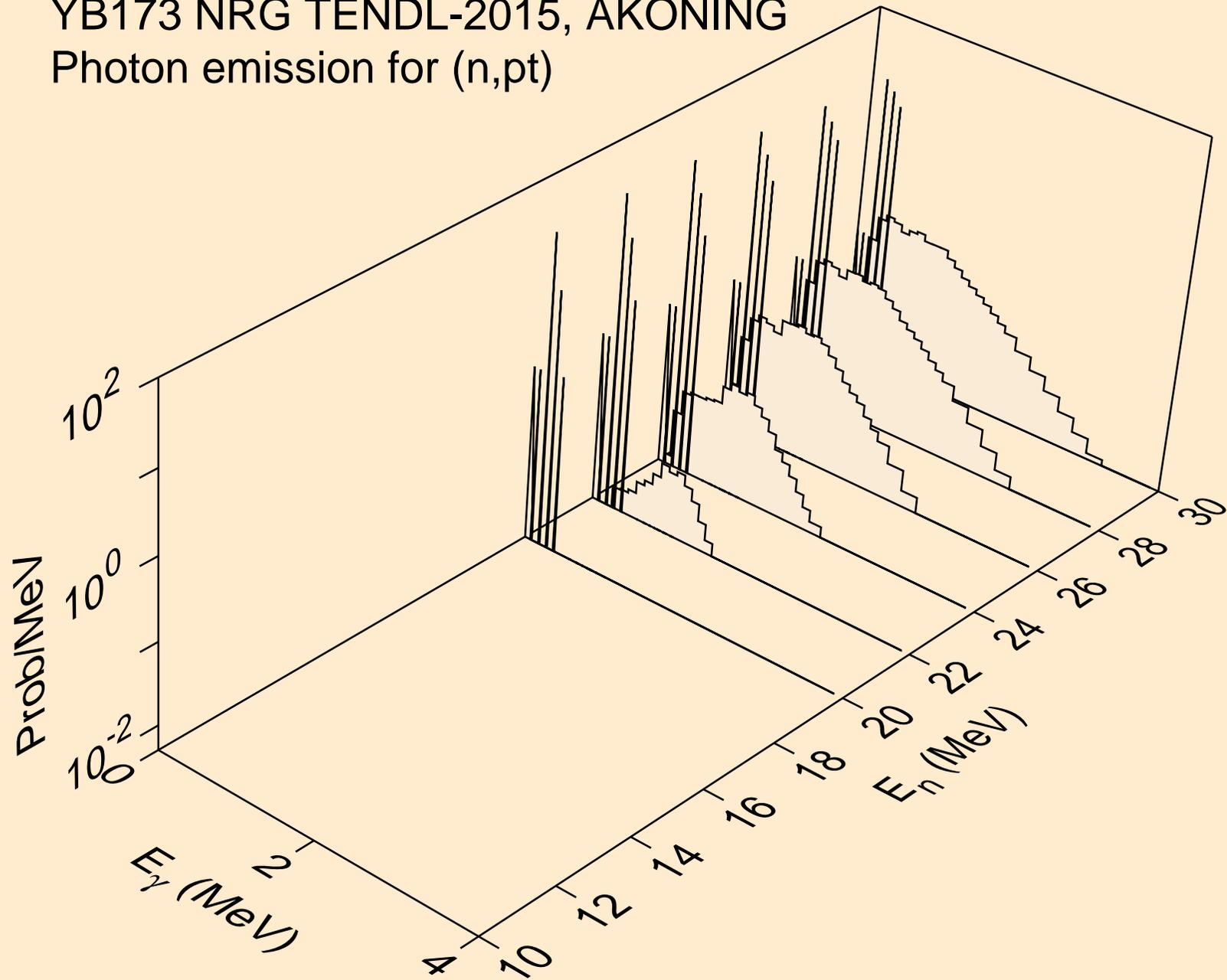
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Photon emission for (n,p $\alpha$ )



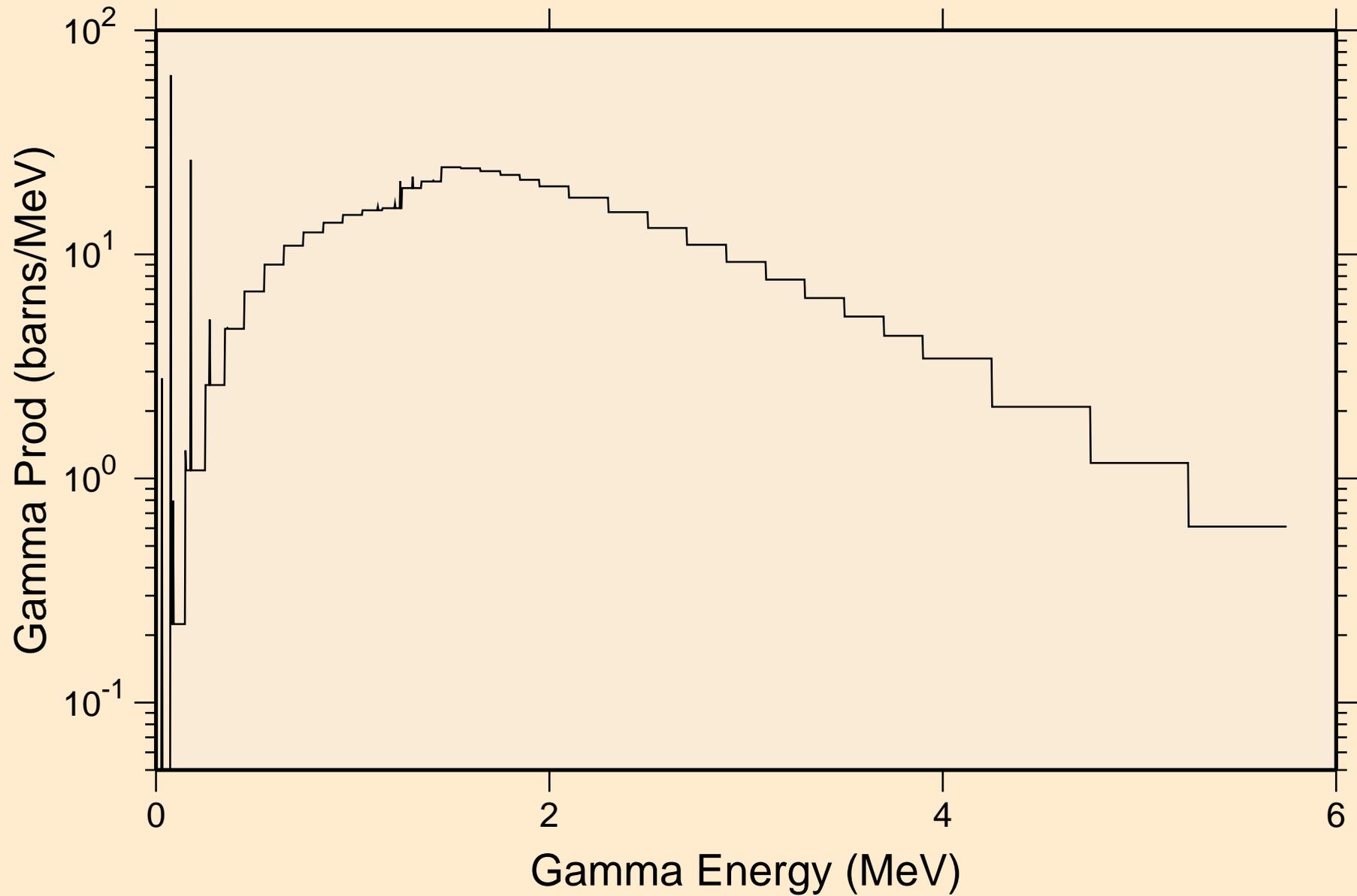
YB173 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



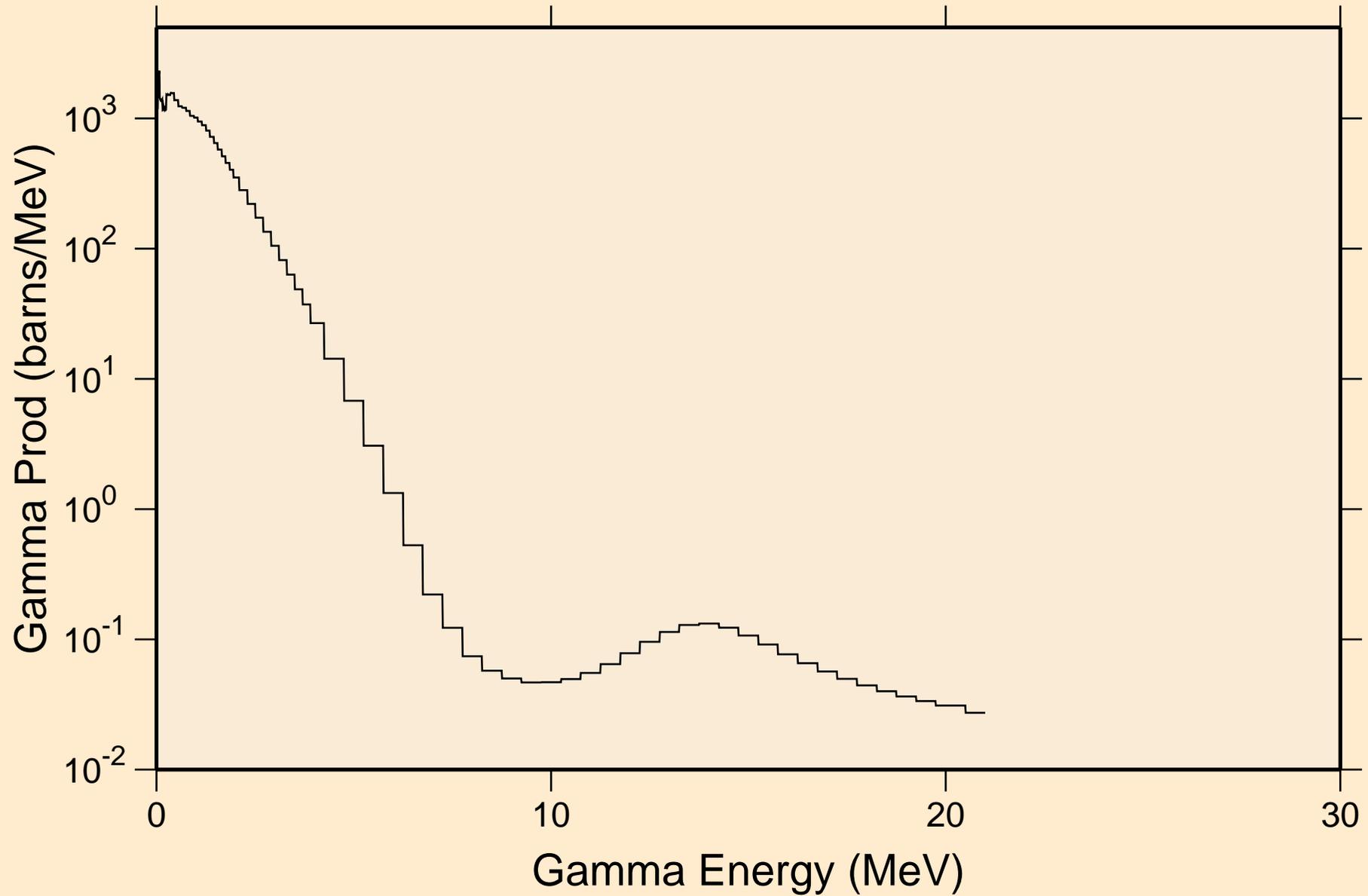
YB173 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



YB173 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

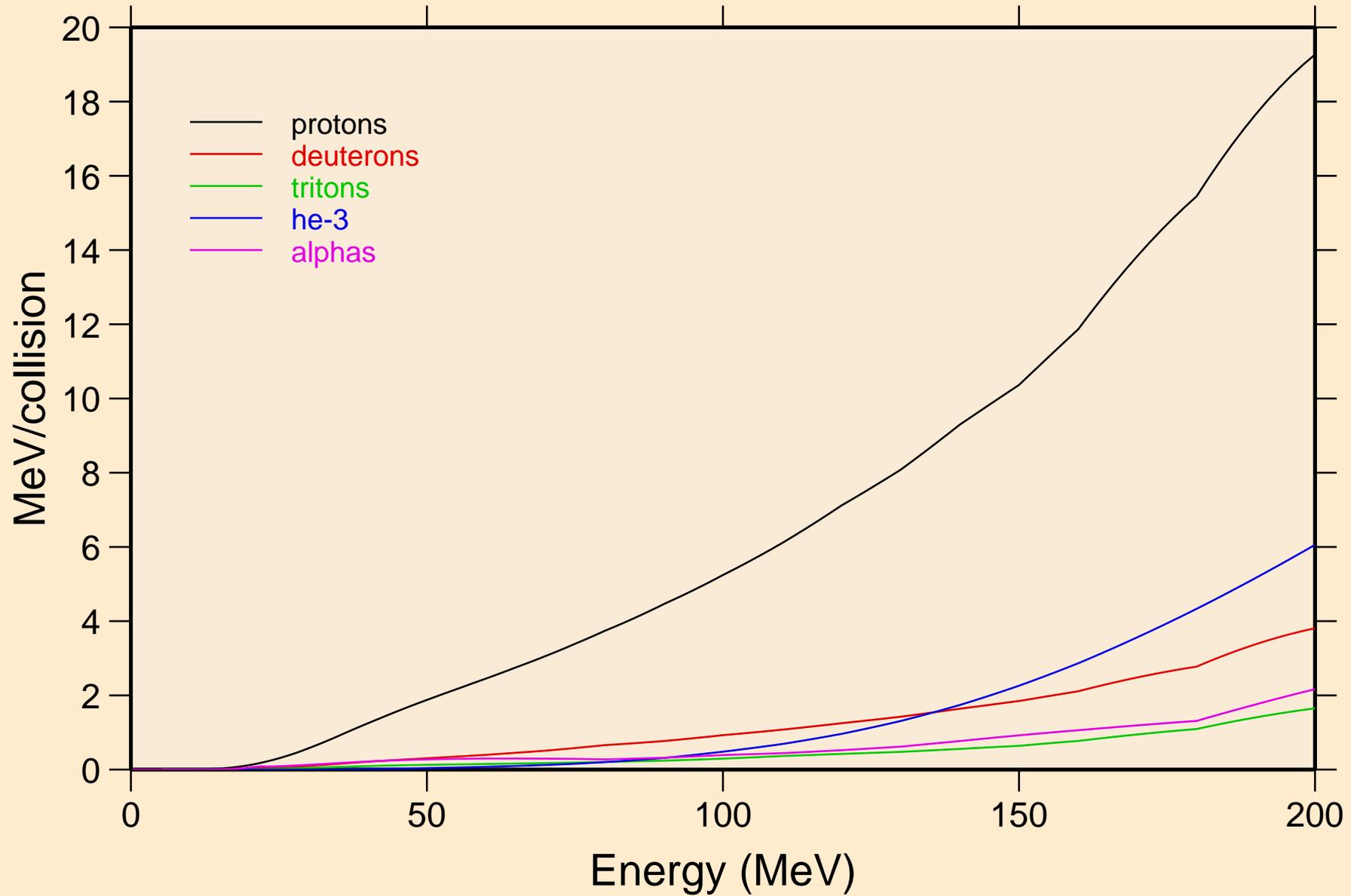


YB173 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



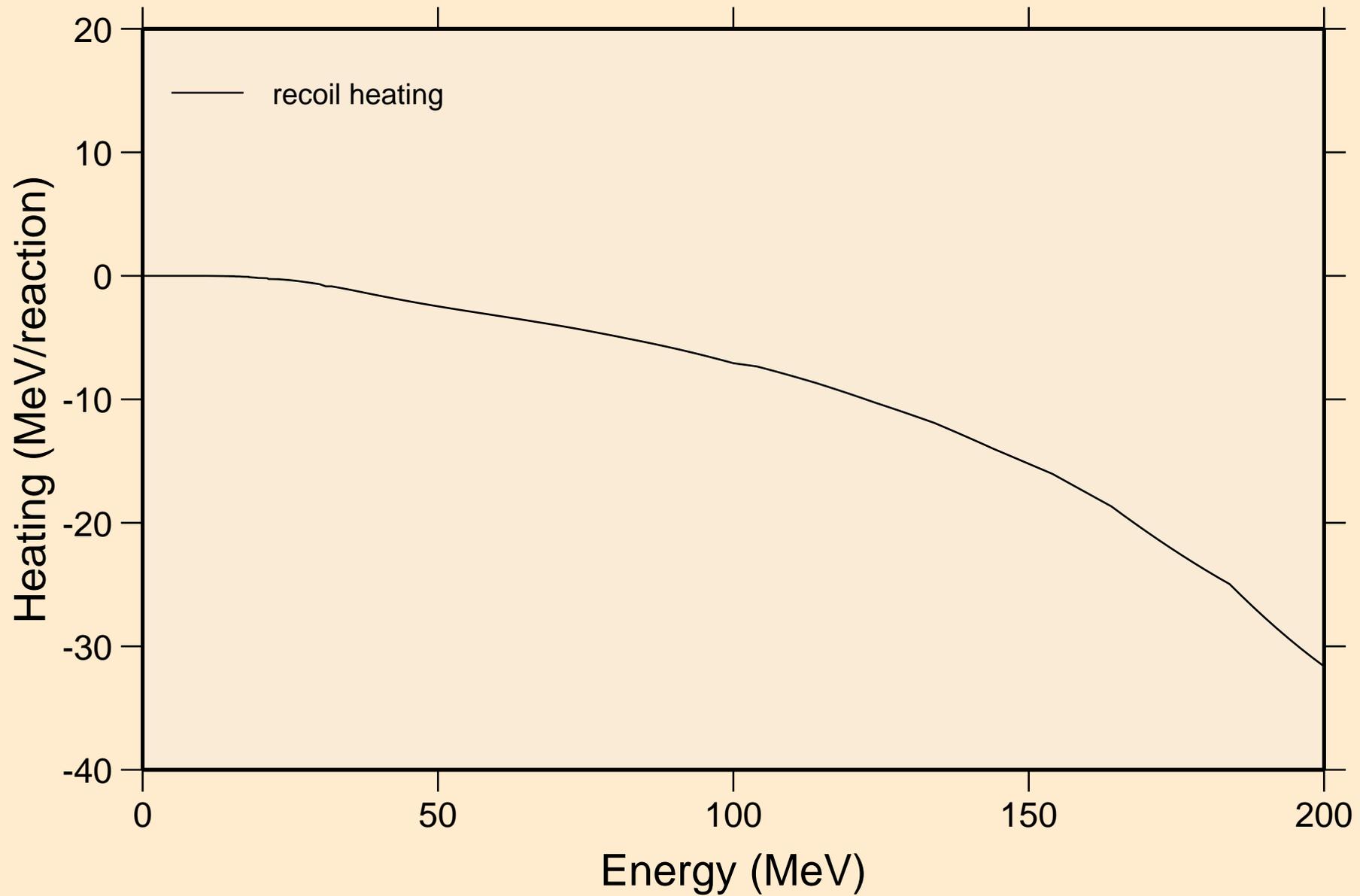
# YB173 NRG TENDL-2015, AKONING

## Particle heating contributions



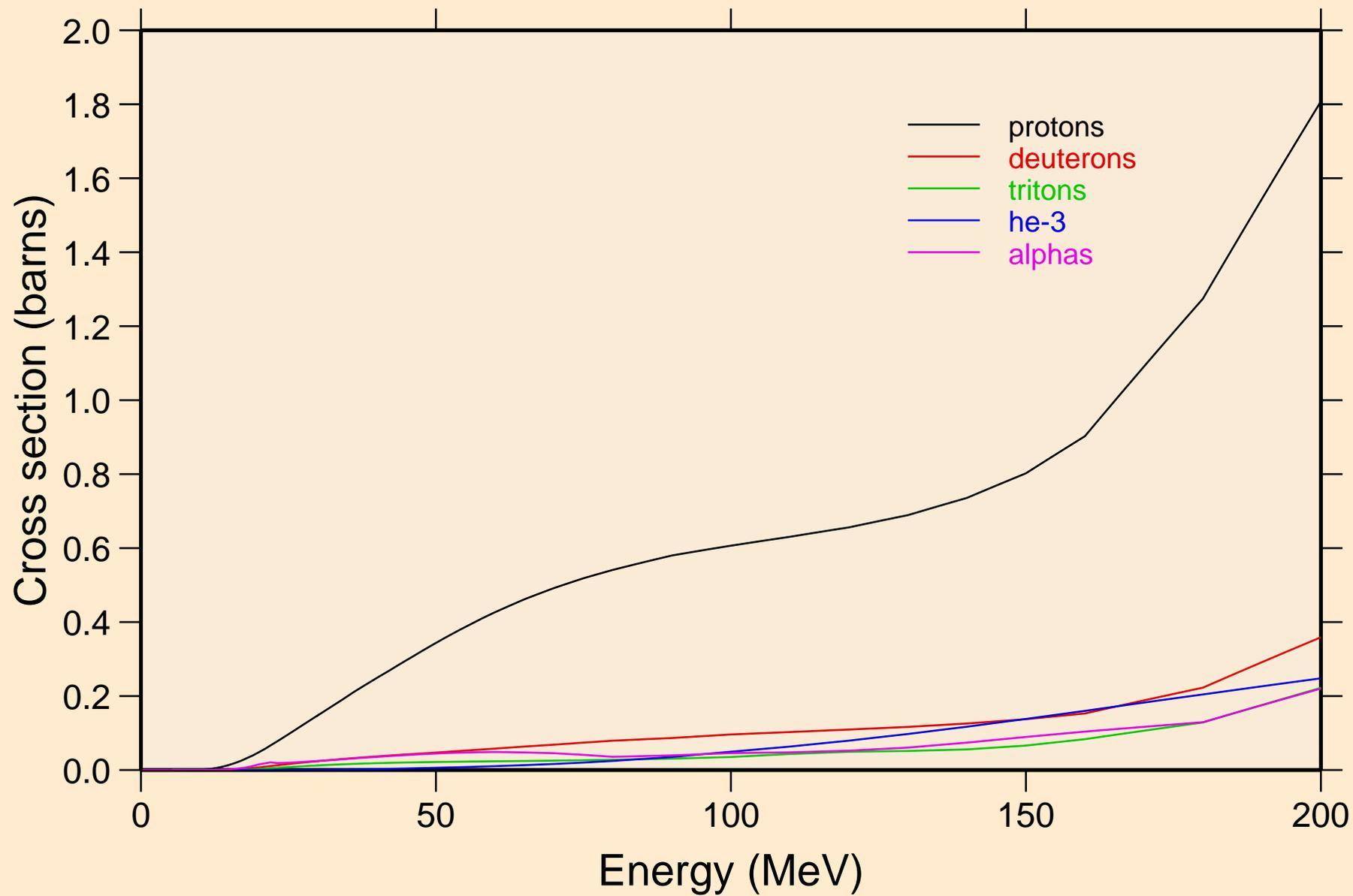
# YB173 NRG TENDL-2015, AKONING

## Recoil Heating

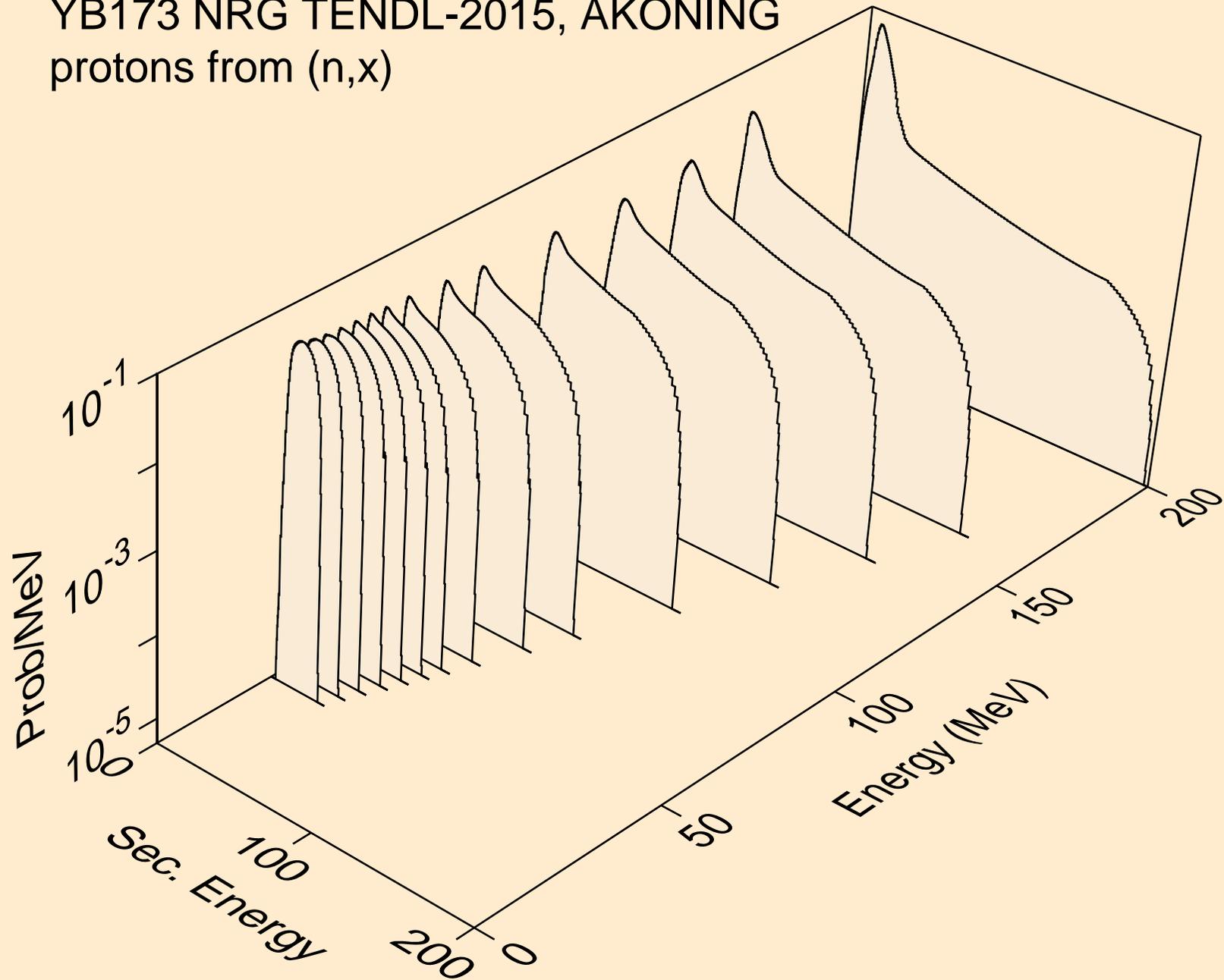


# YB173 NRG TENDL-2015, AKONING

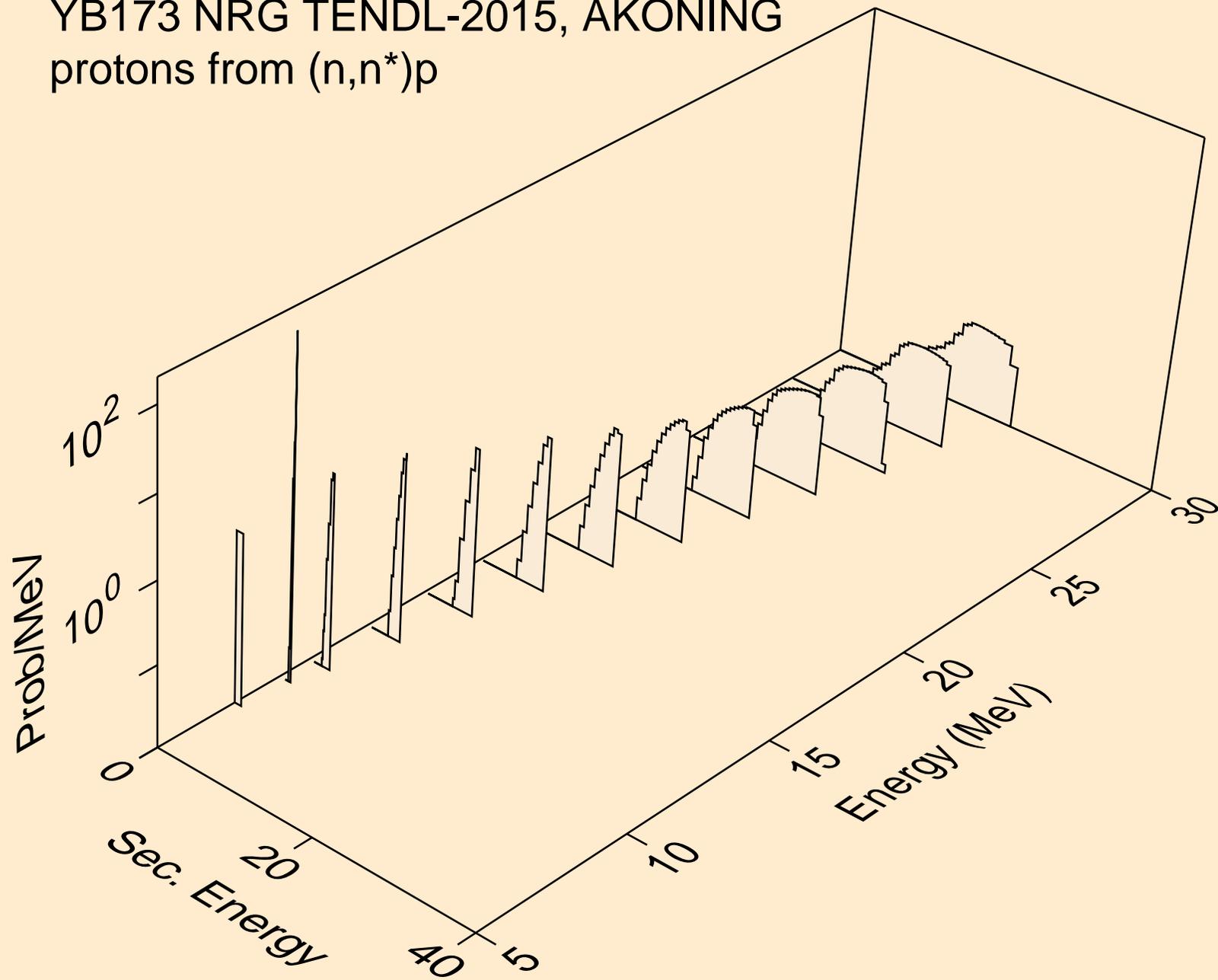
## Particle production cross sections



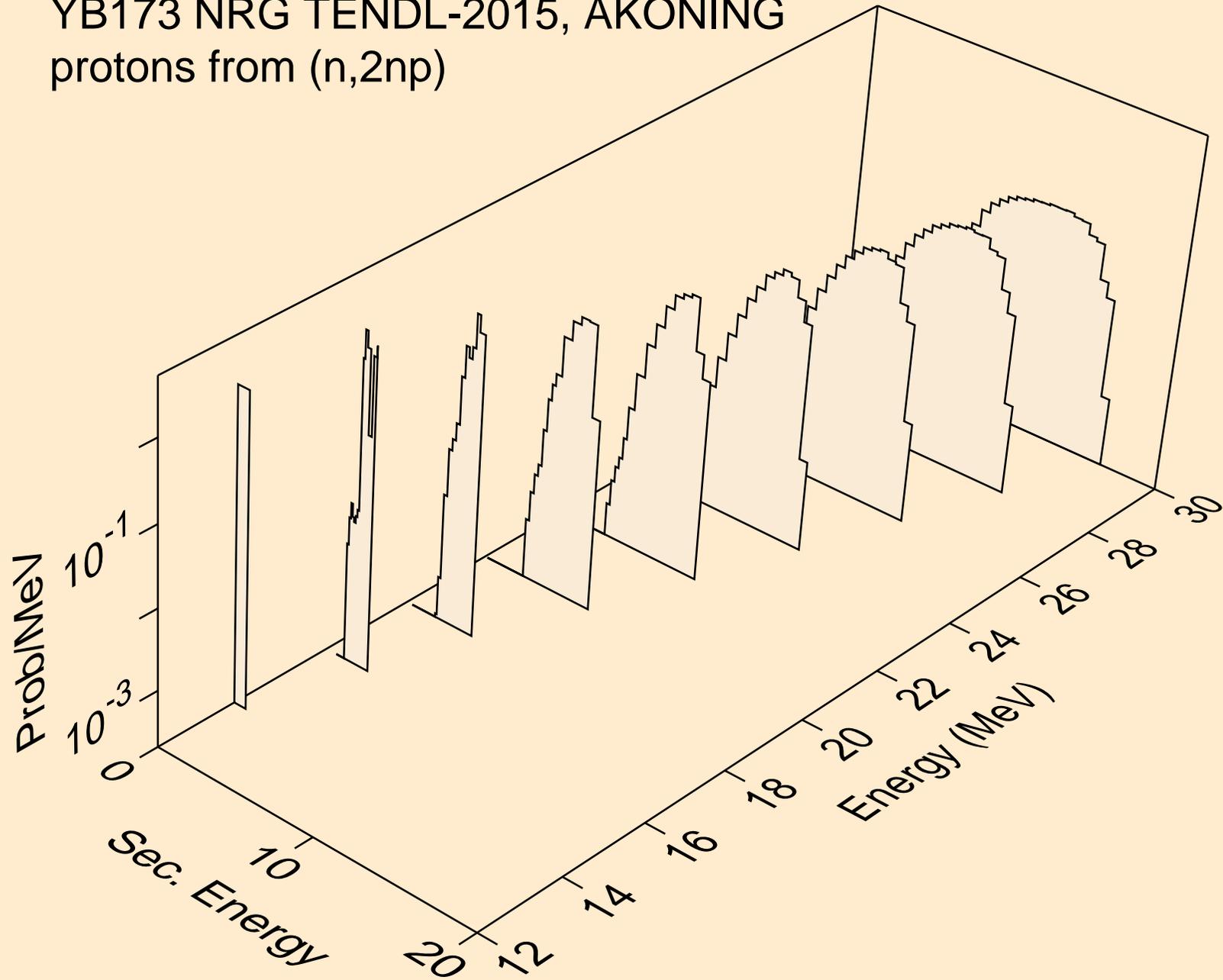
YB173 NRG TENDL-2015, AKONING  
protons from (n,x)



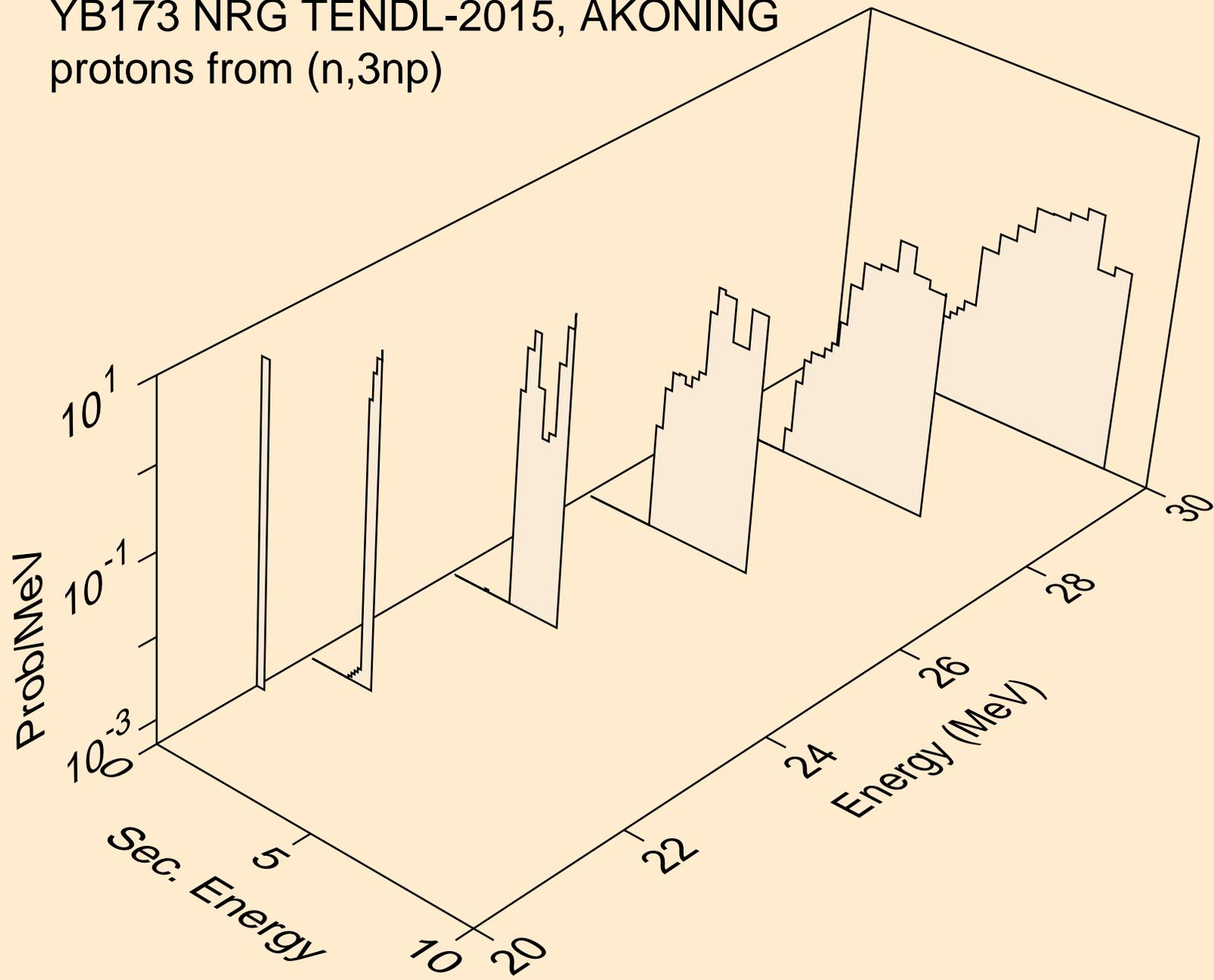
YB173 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



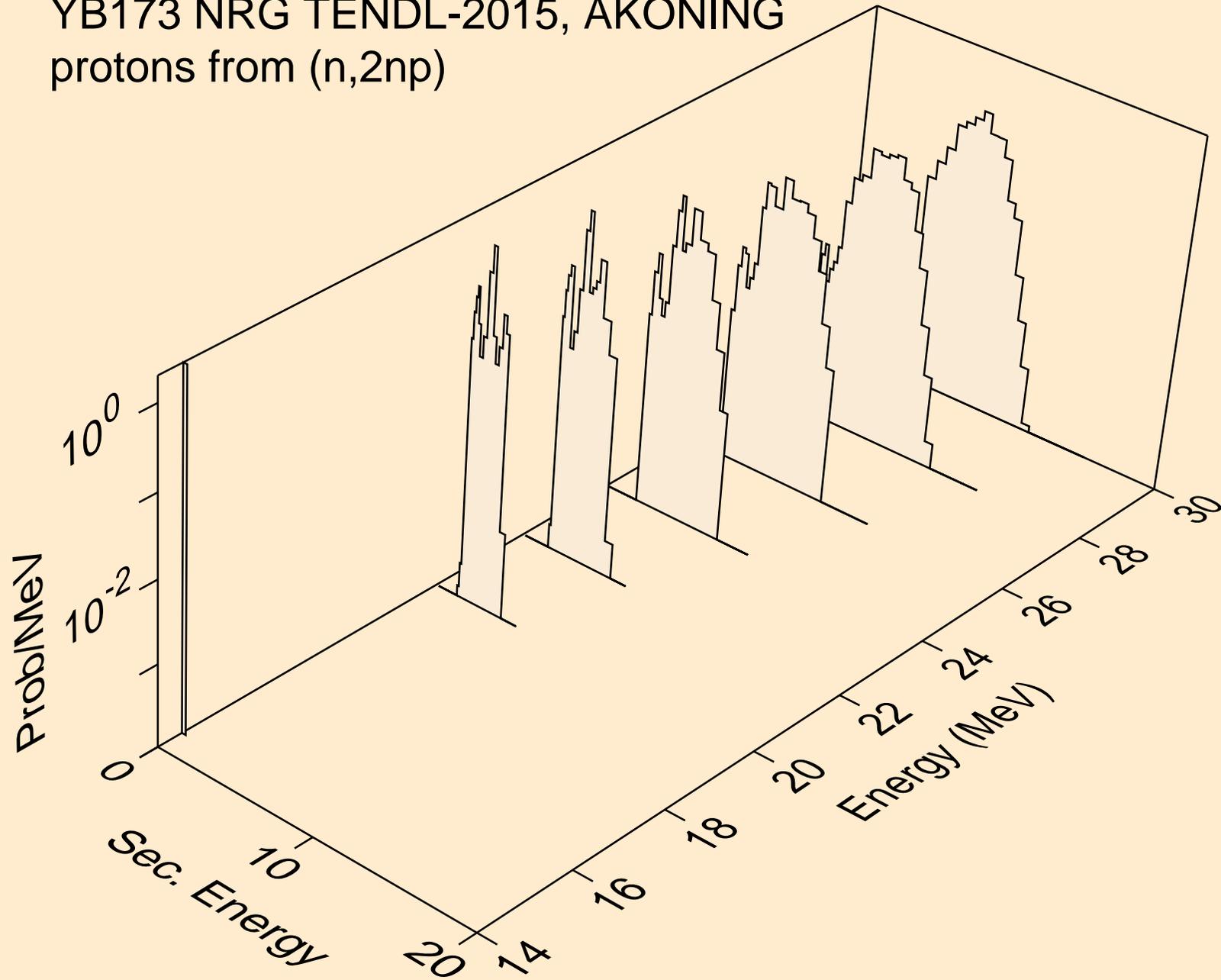
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protons from (n,2np)



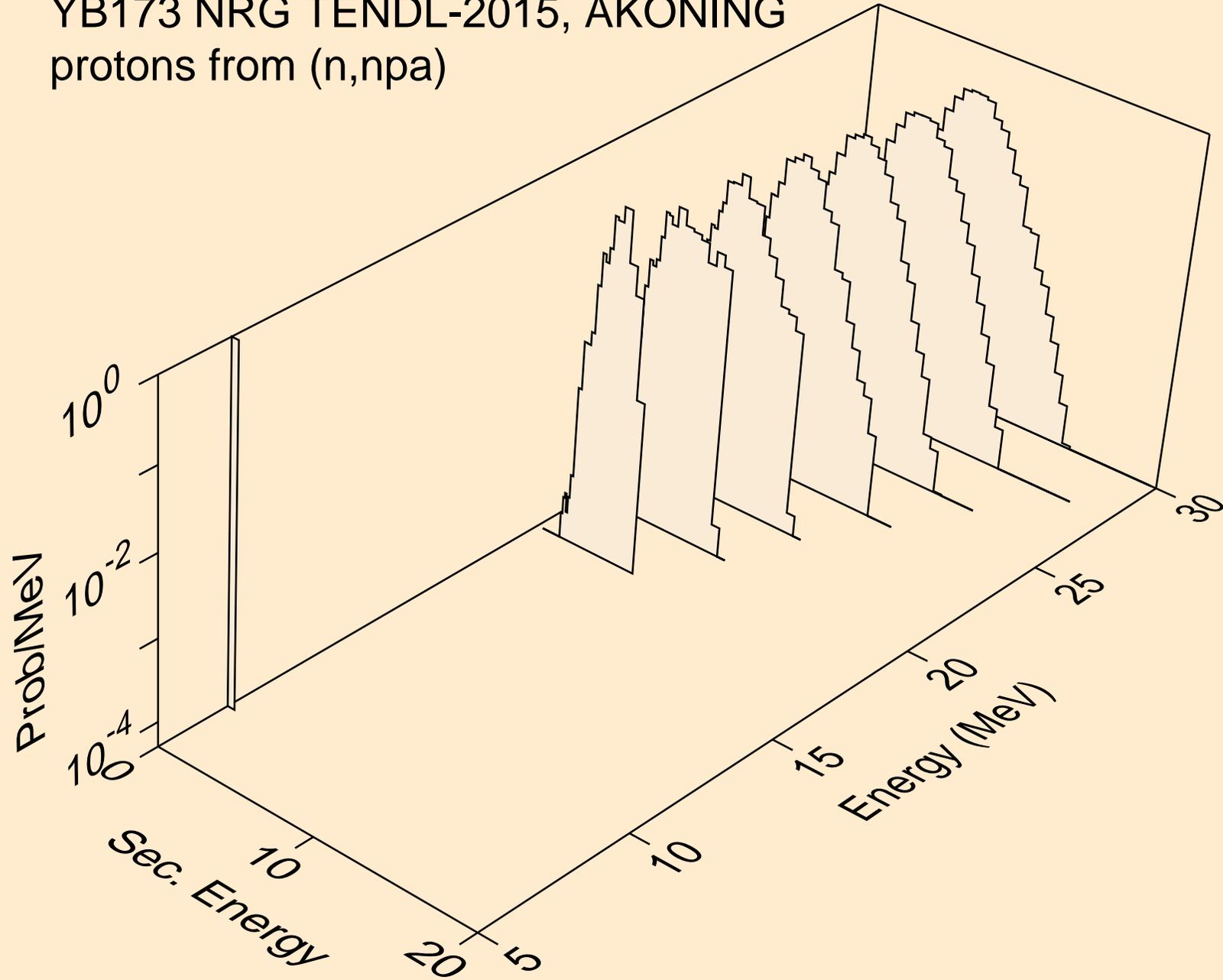
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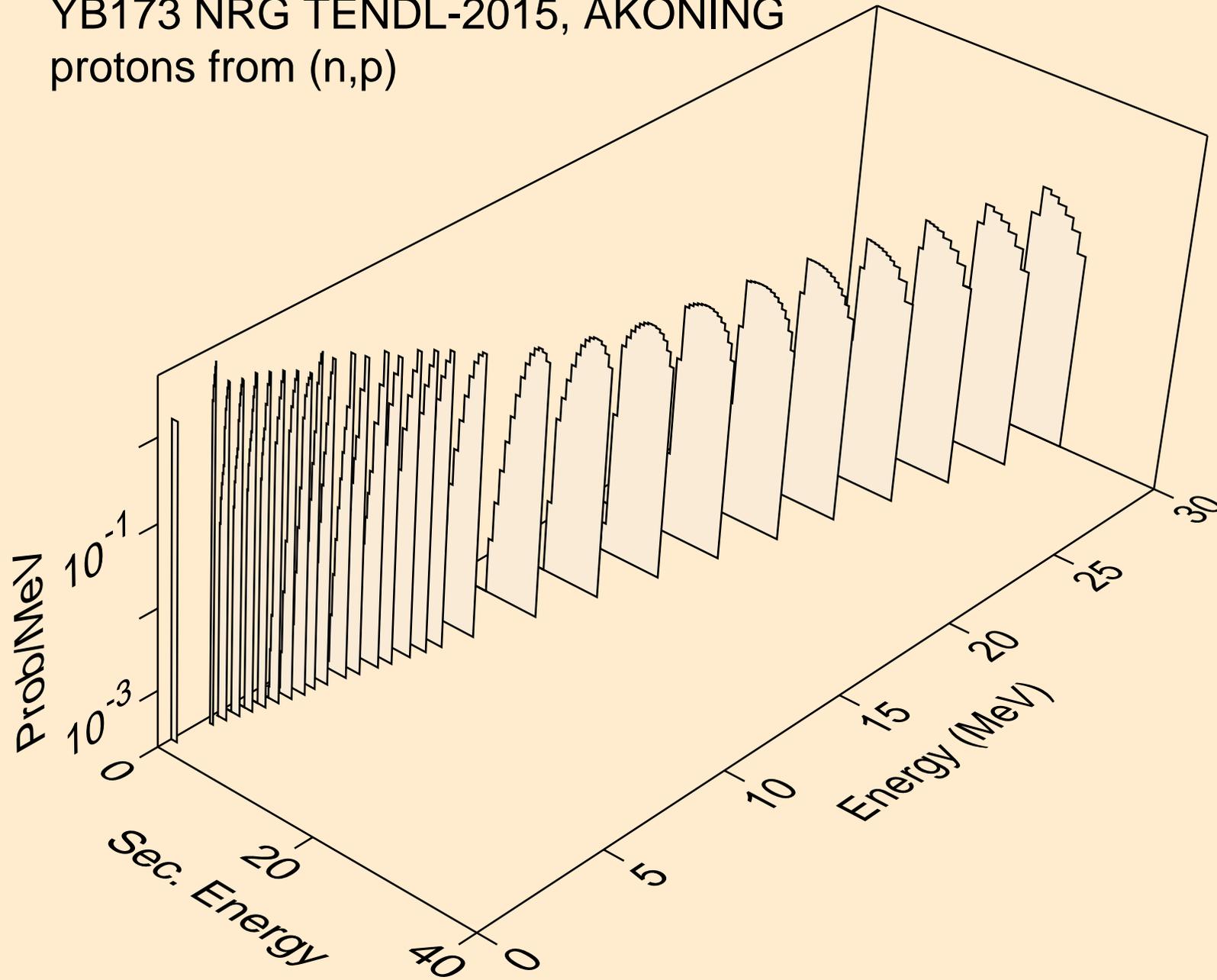
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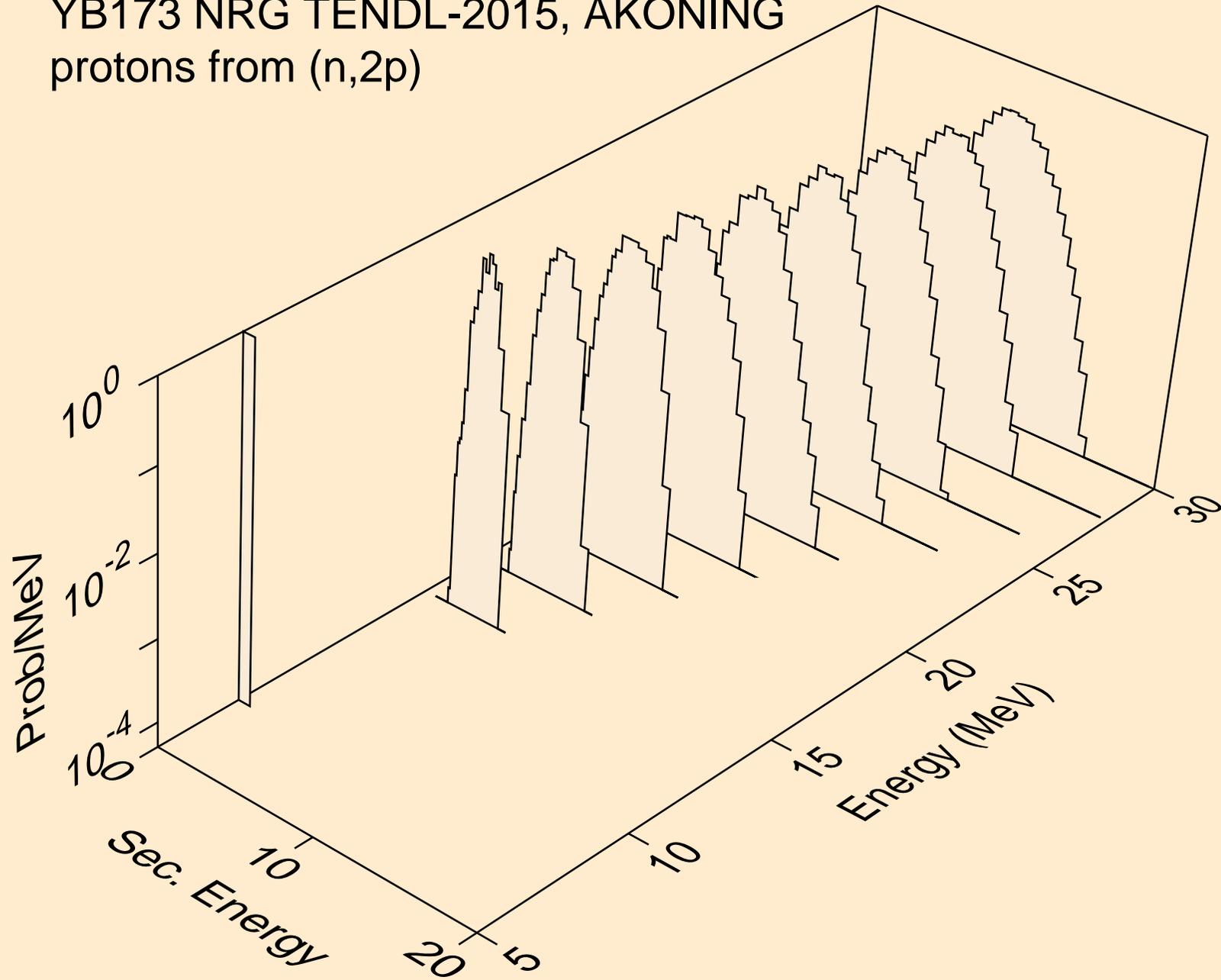
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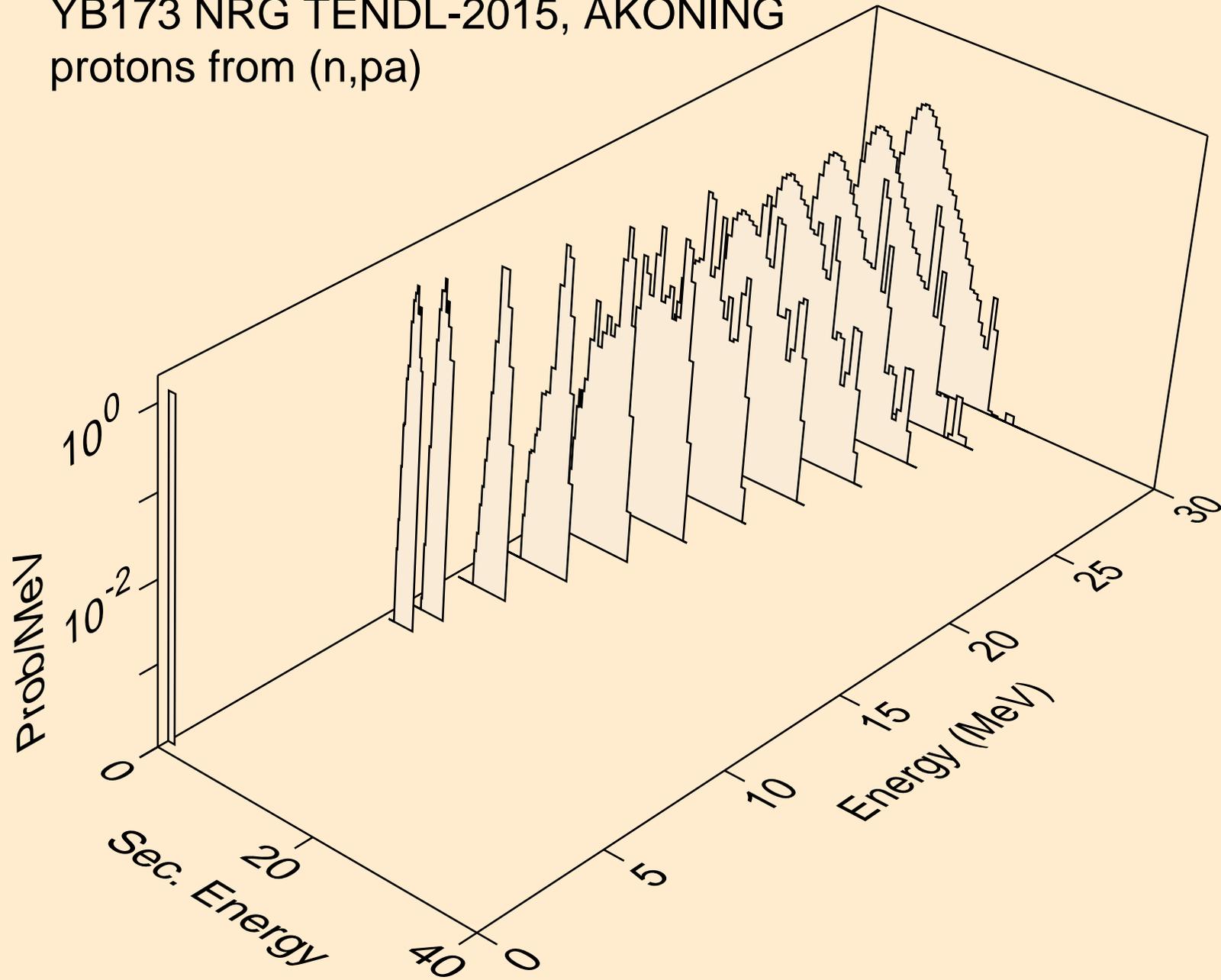
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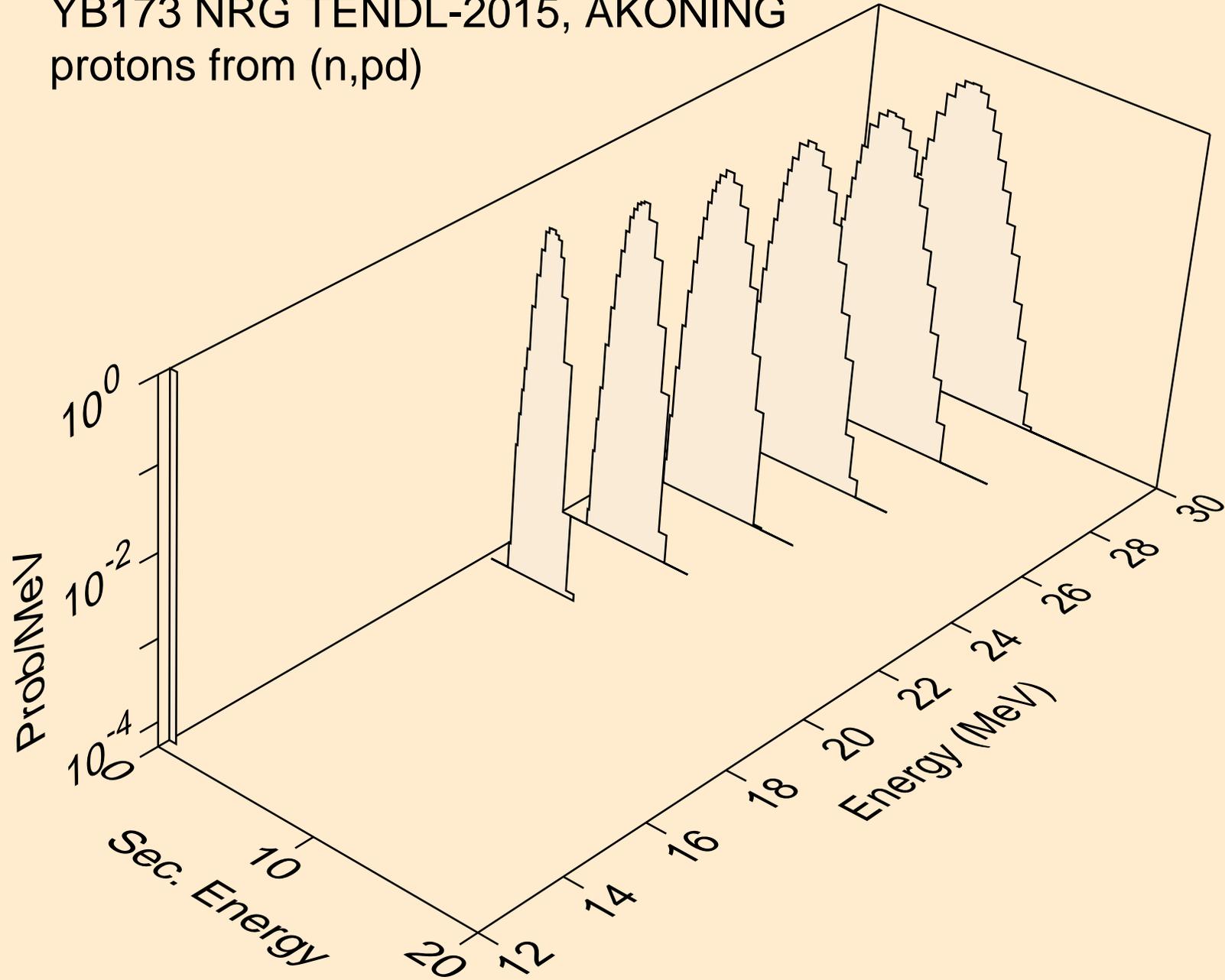
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protons from (n,2p)



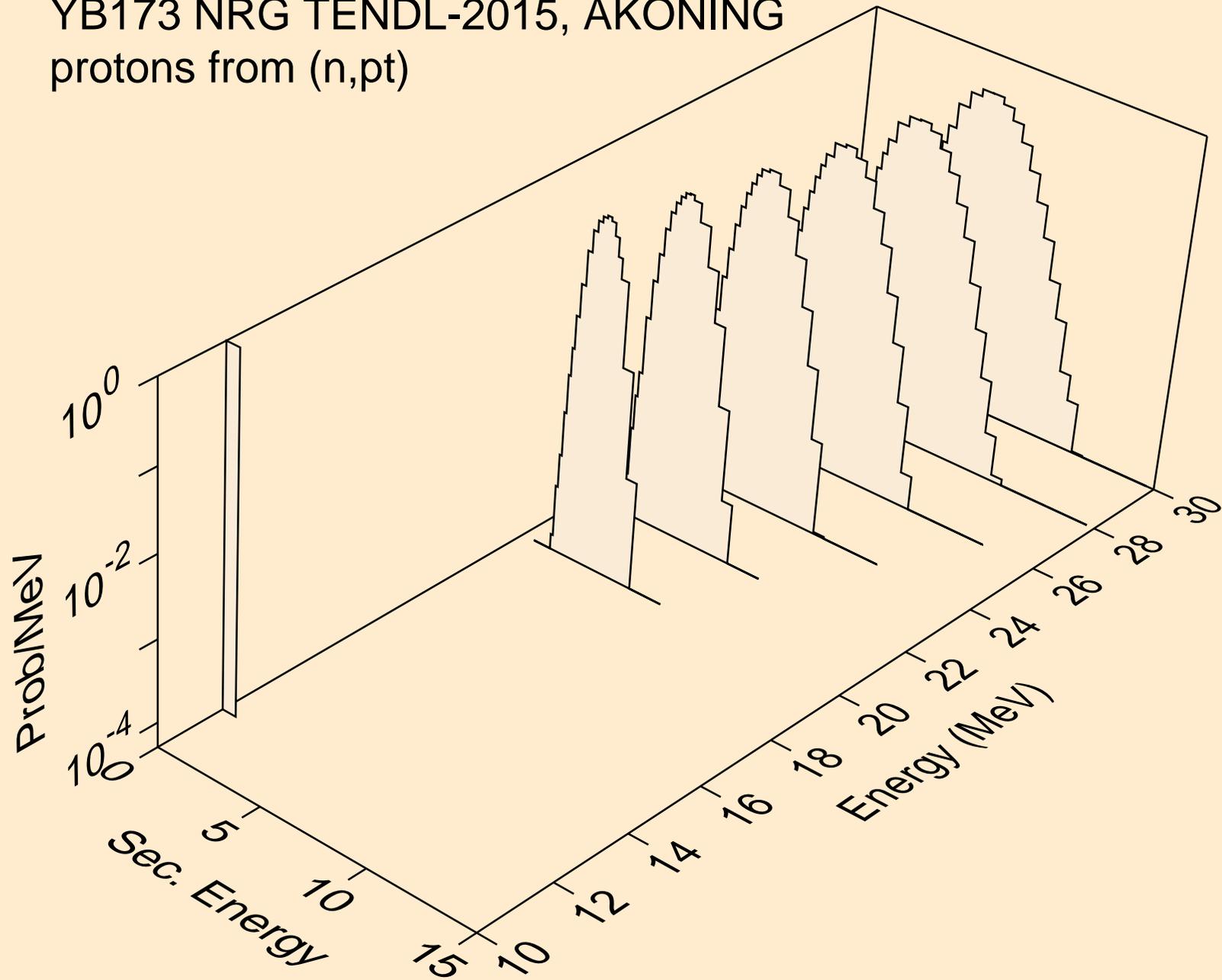
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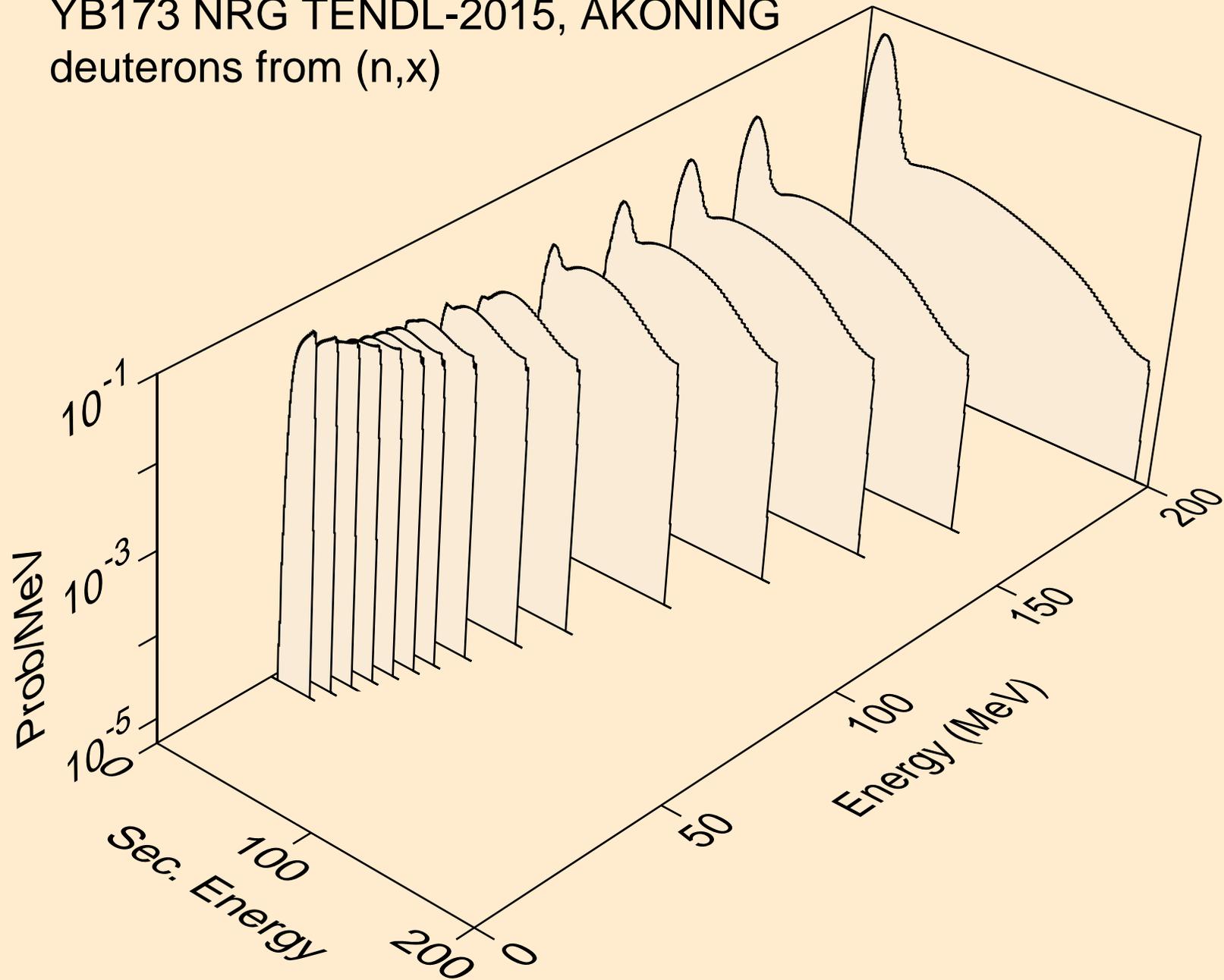
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protons from (n,pd)



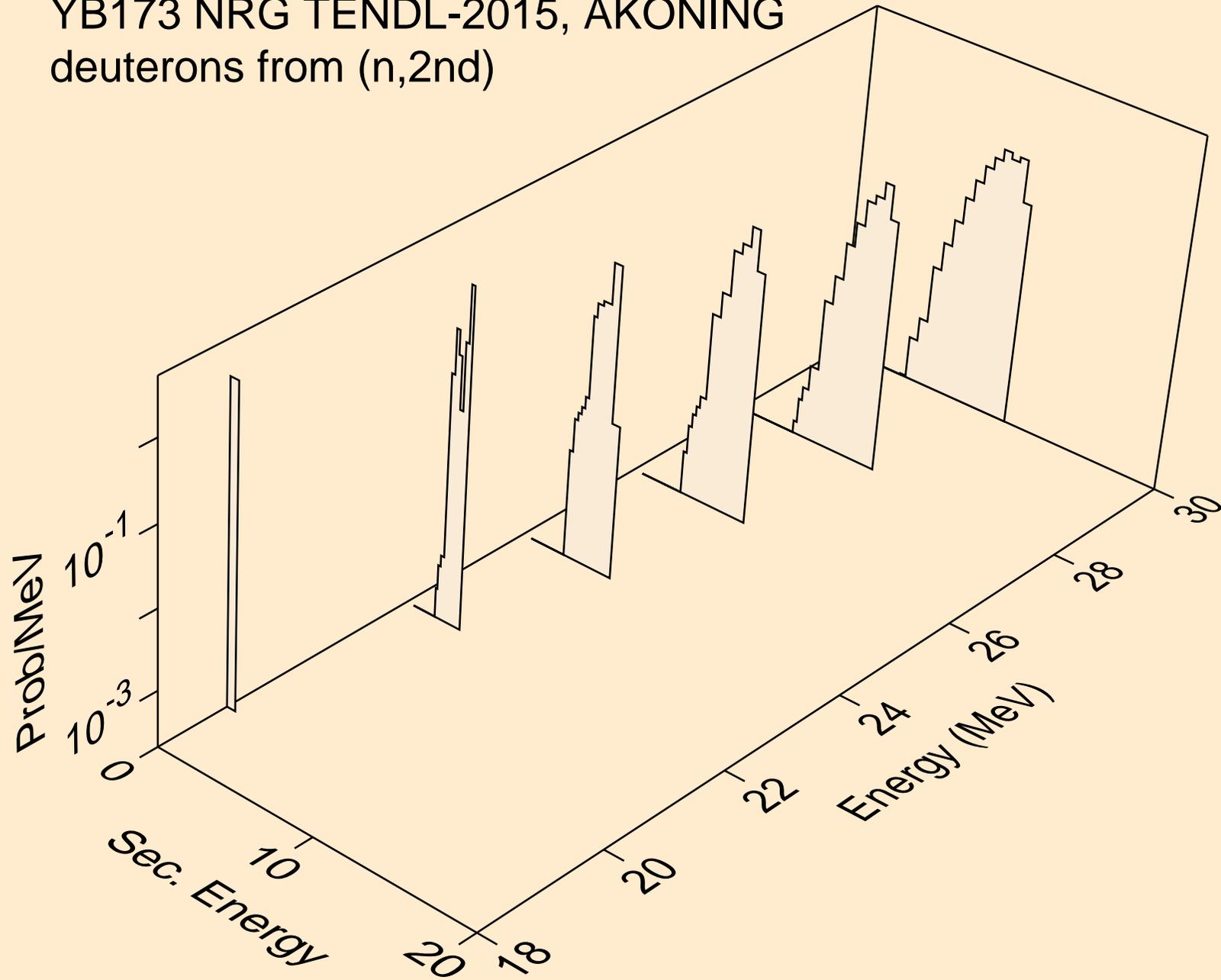
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protons from (n,pt)



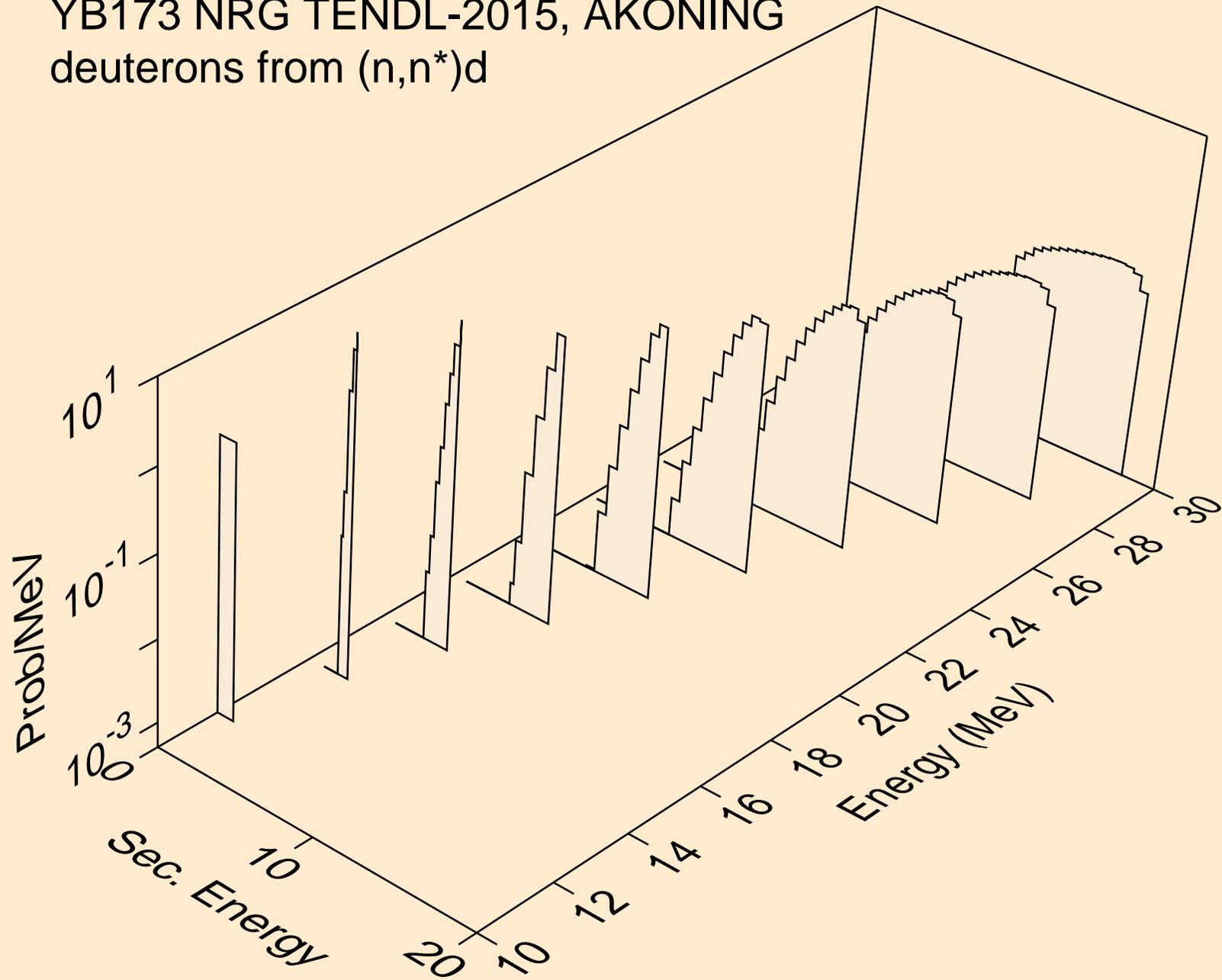
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deuterons from (n,x)



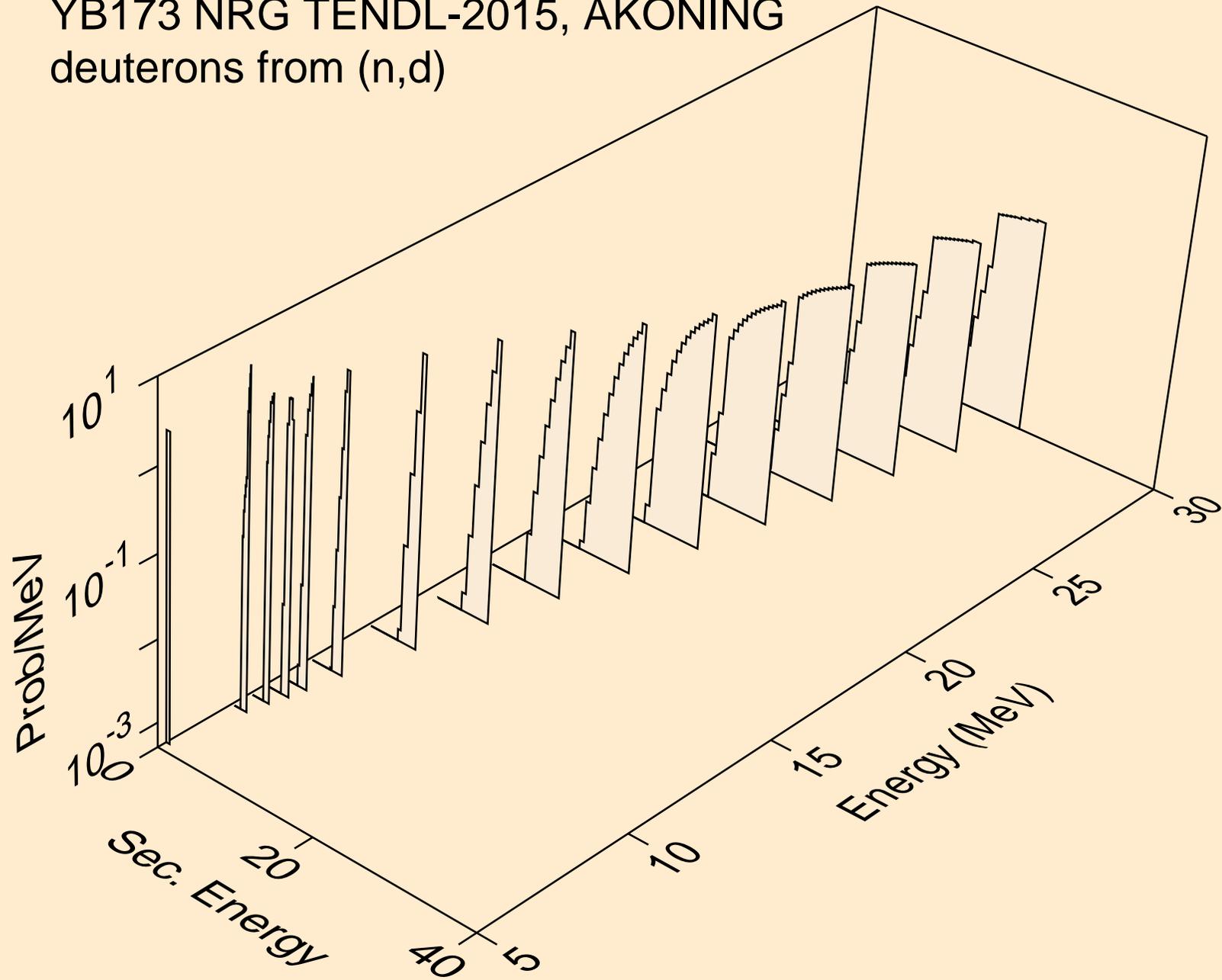
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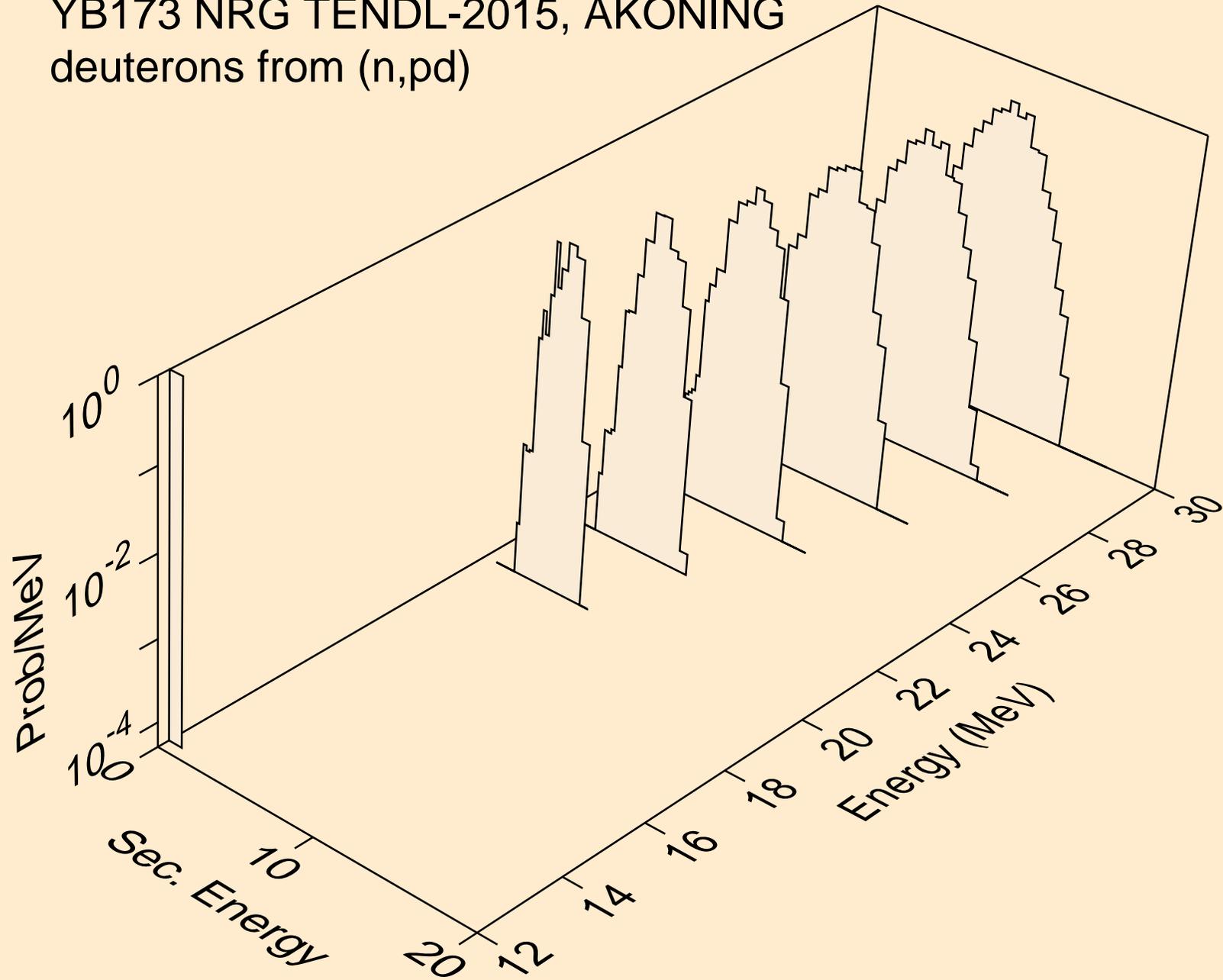
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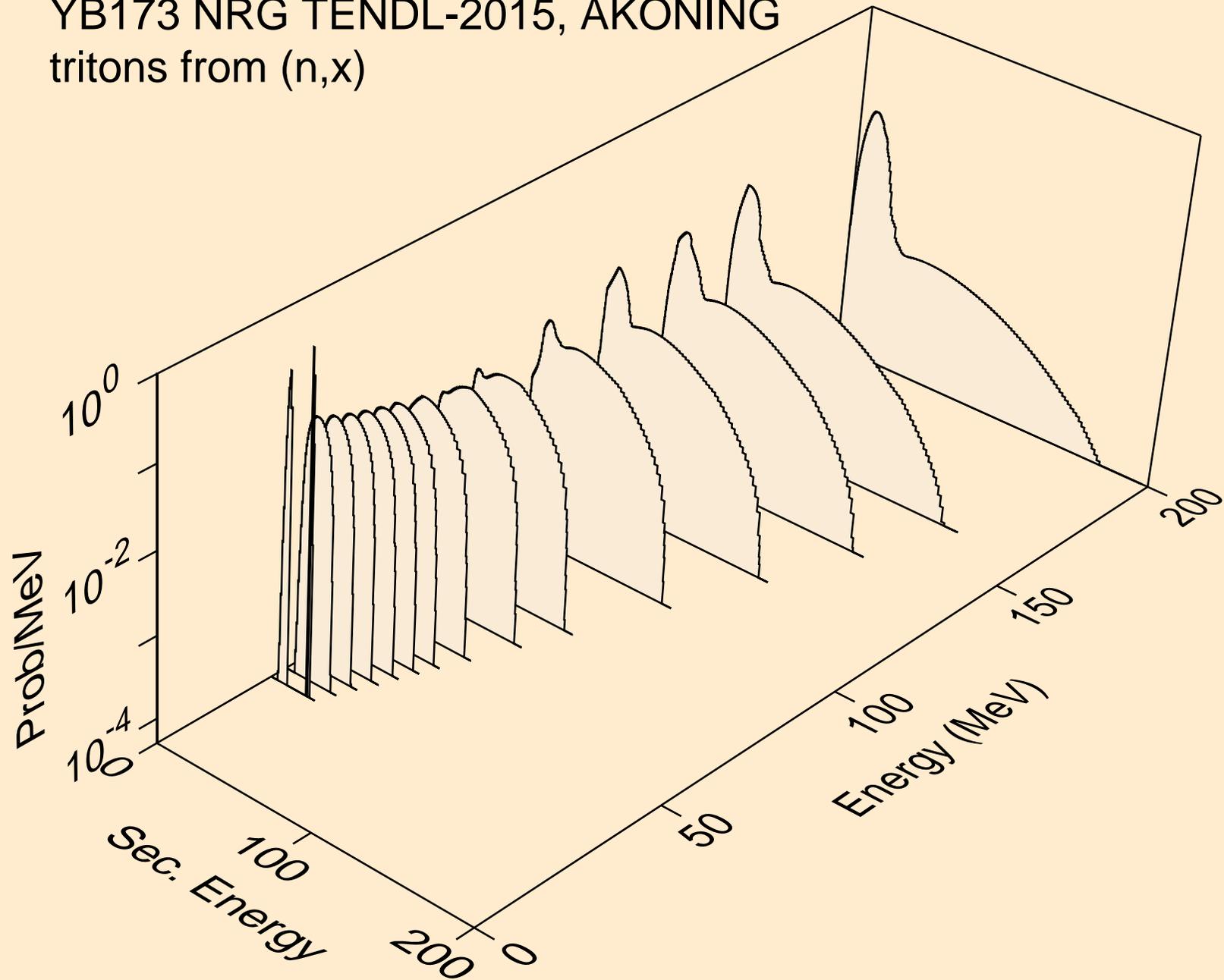
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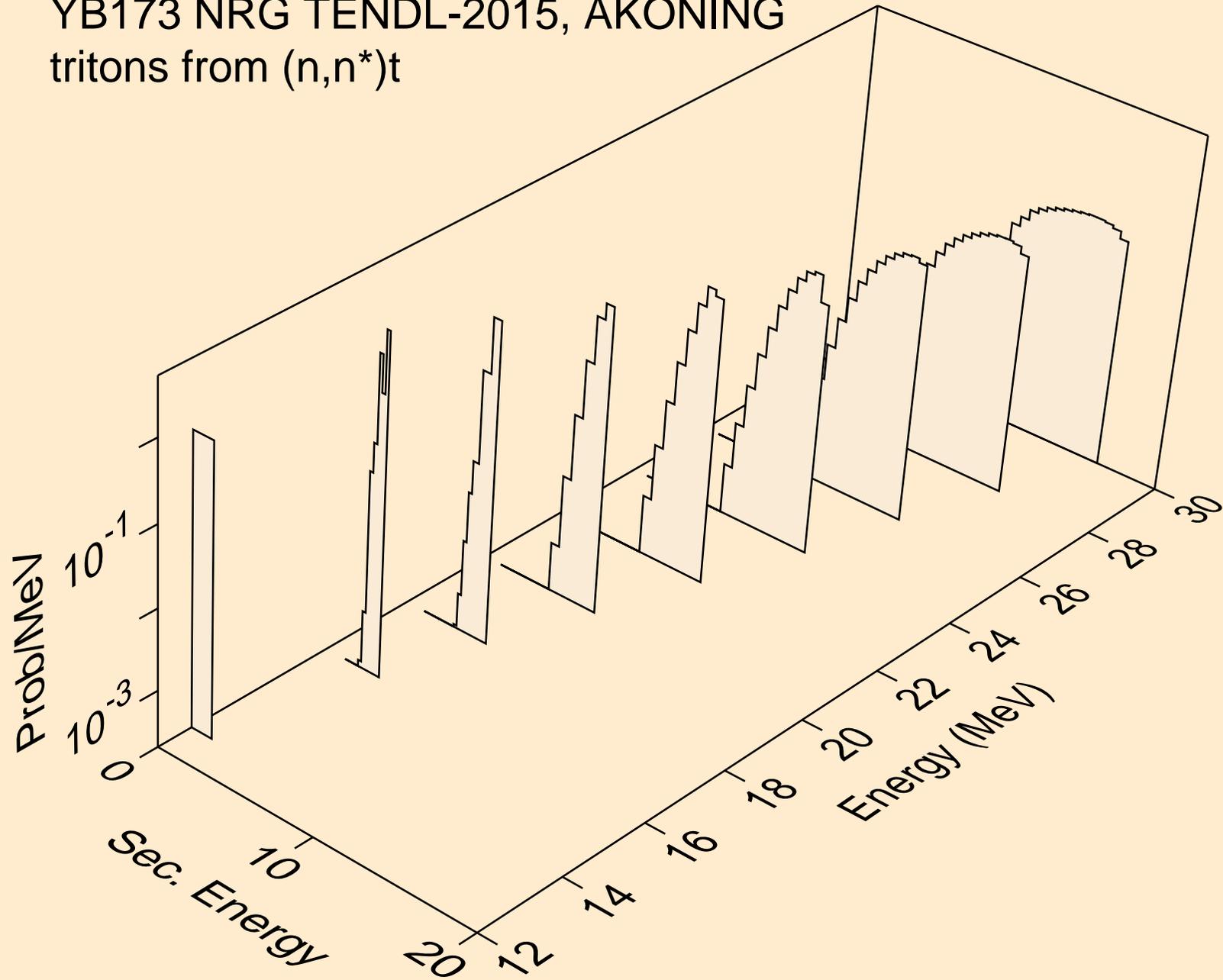
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deuterons from (n,pd)



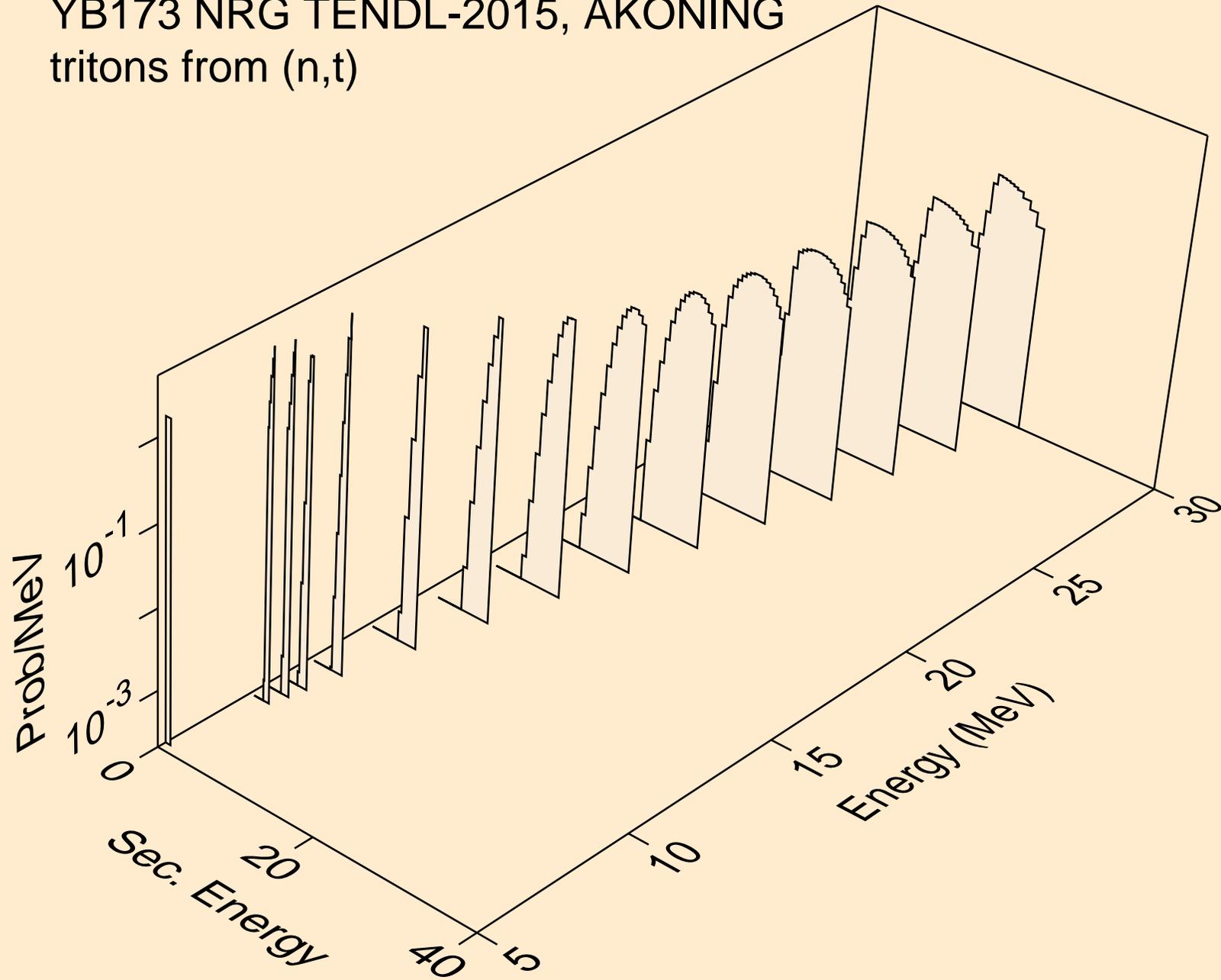
YB173 NRG TENDL-2015, AKONING  
tritons from (n,x)



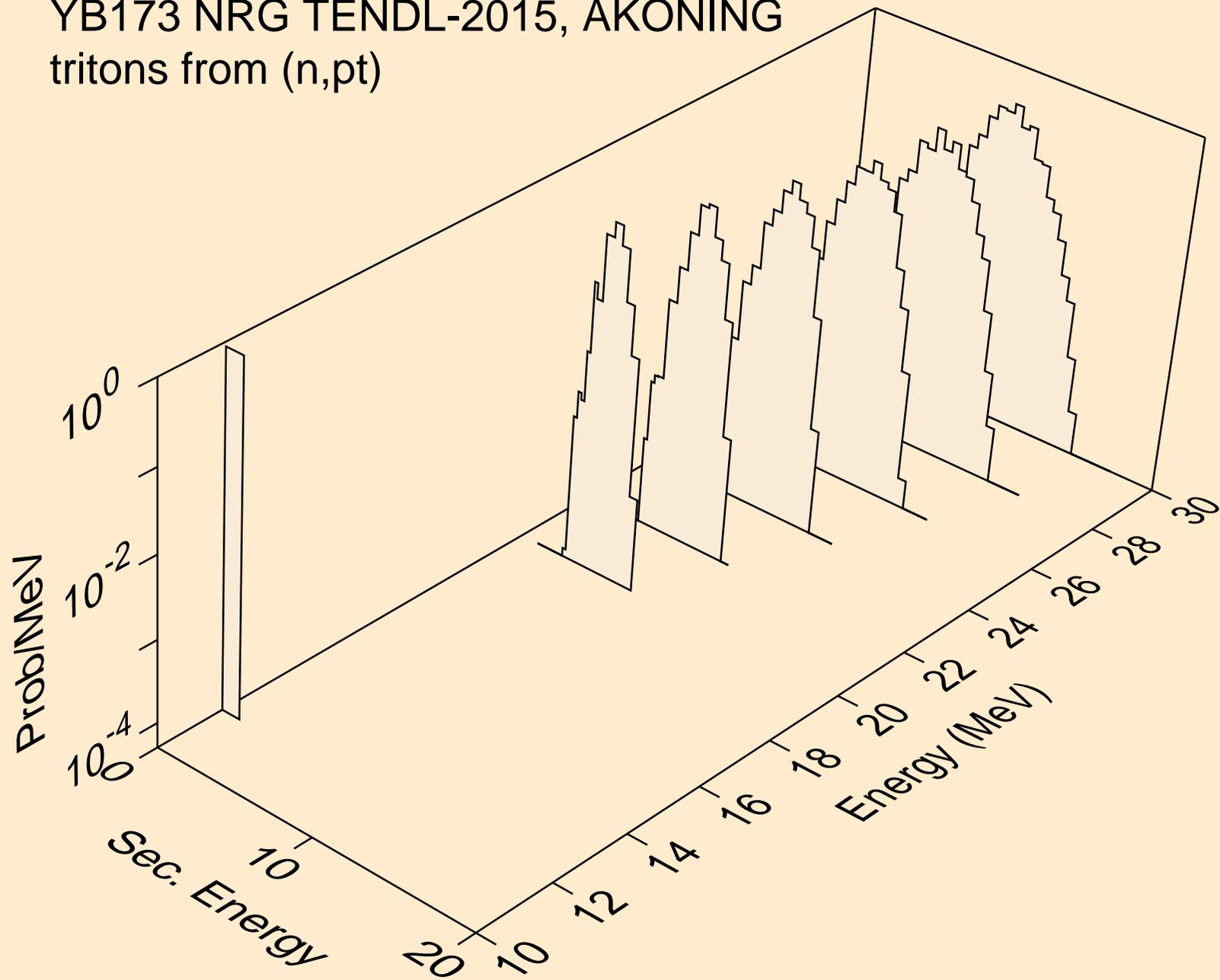
YB173 NRG TENDL-2015, AKONING  
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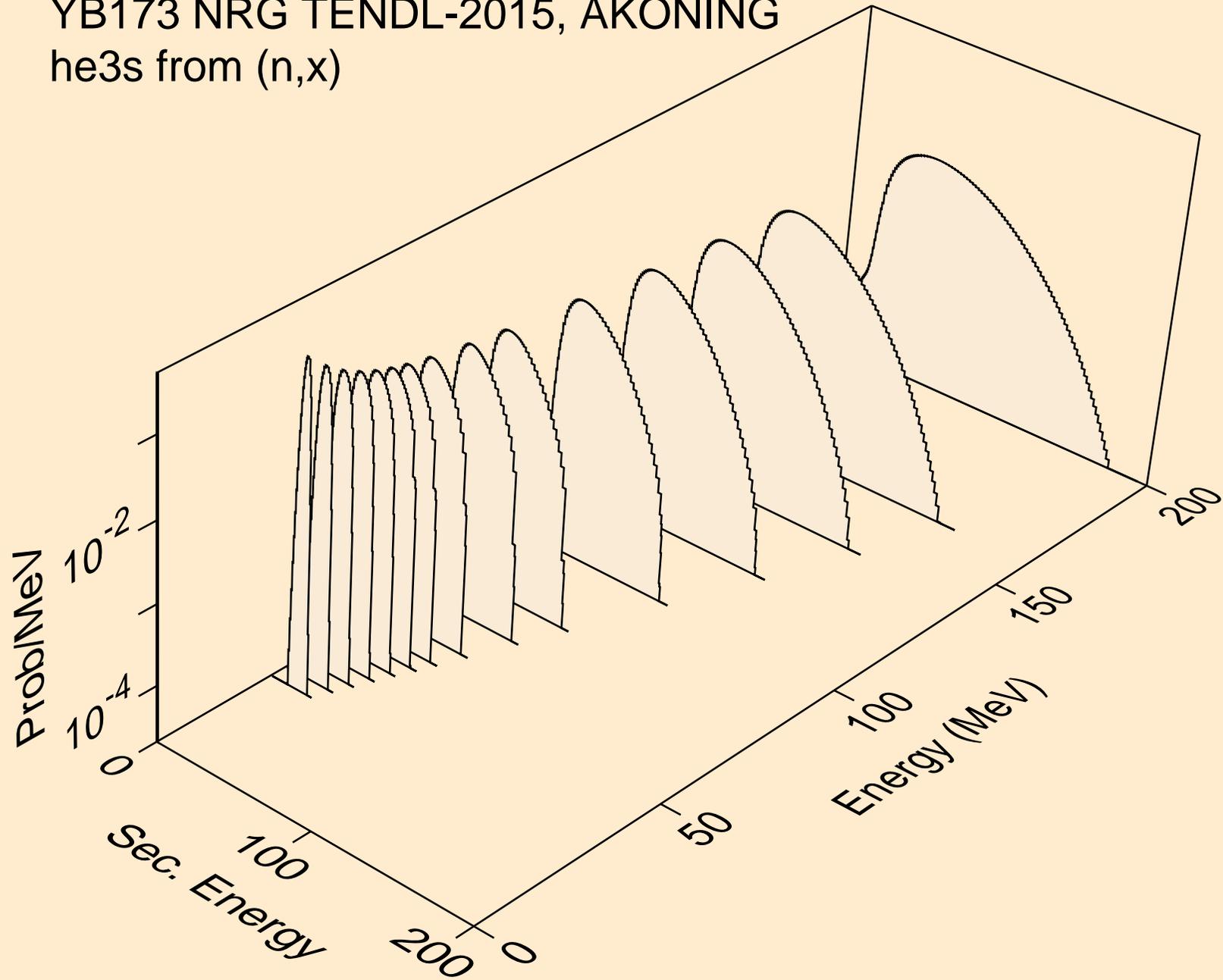
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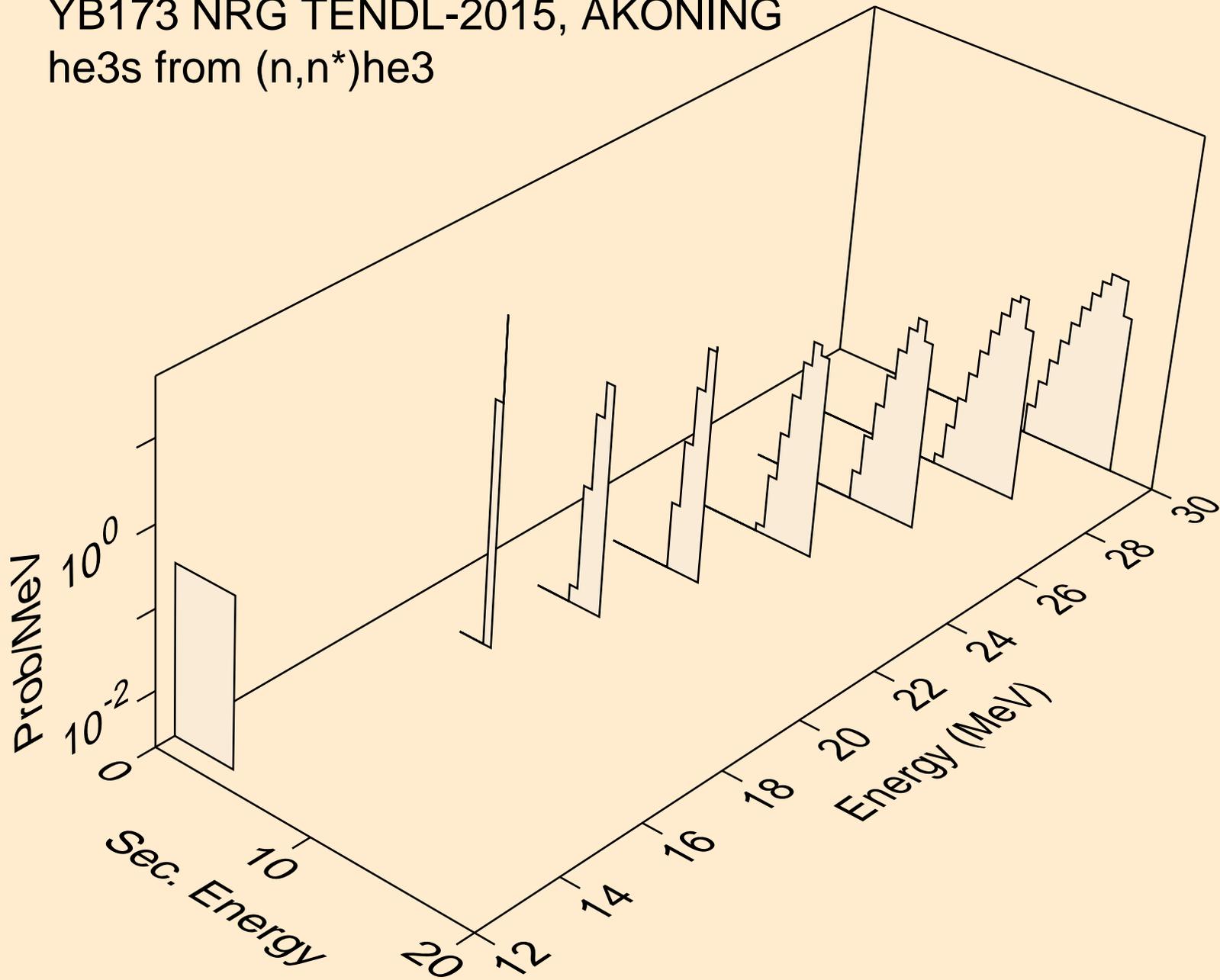
YB173 NRG TENDL-2015, AKONING  
tritons from (n,pt)



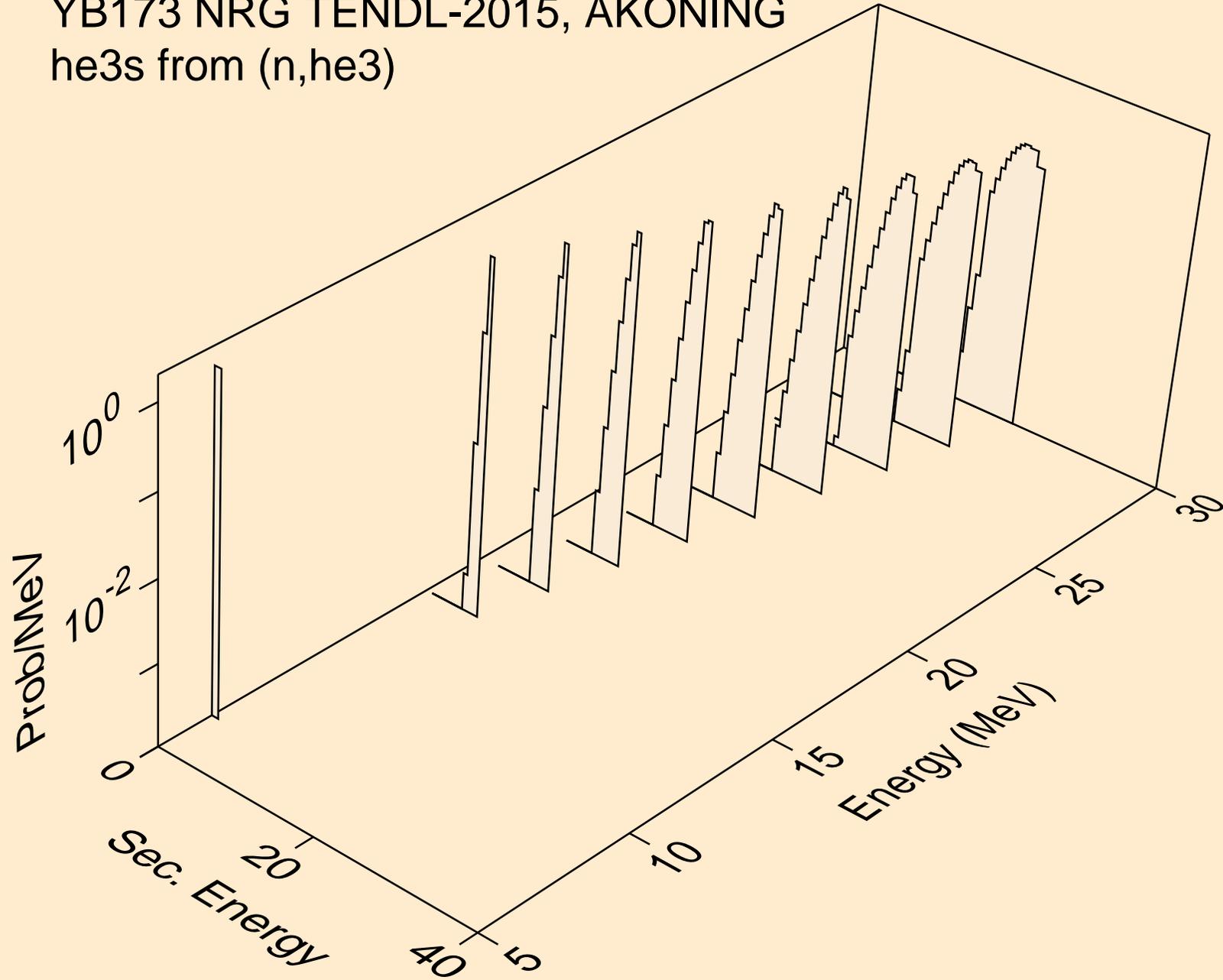
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he3s from (n,x)



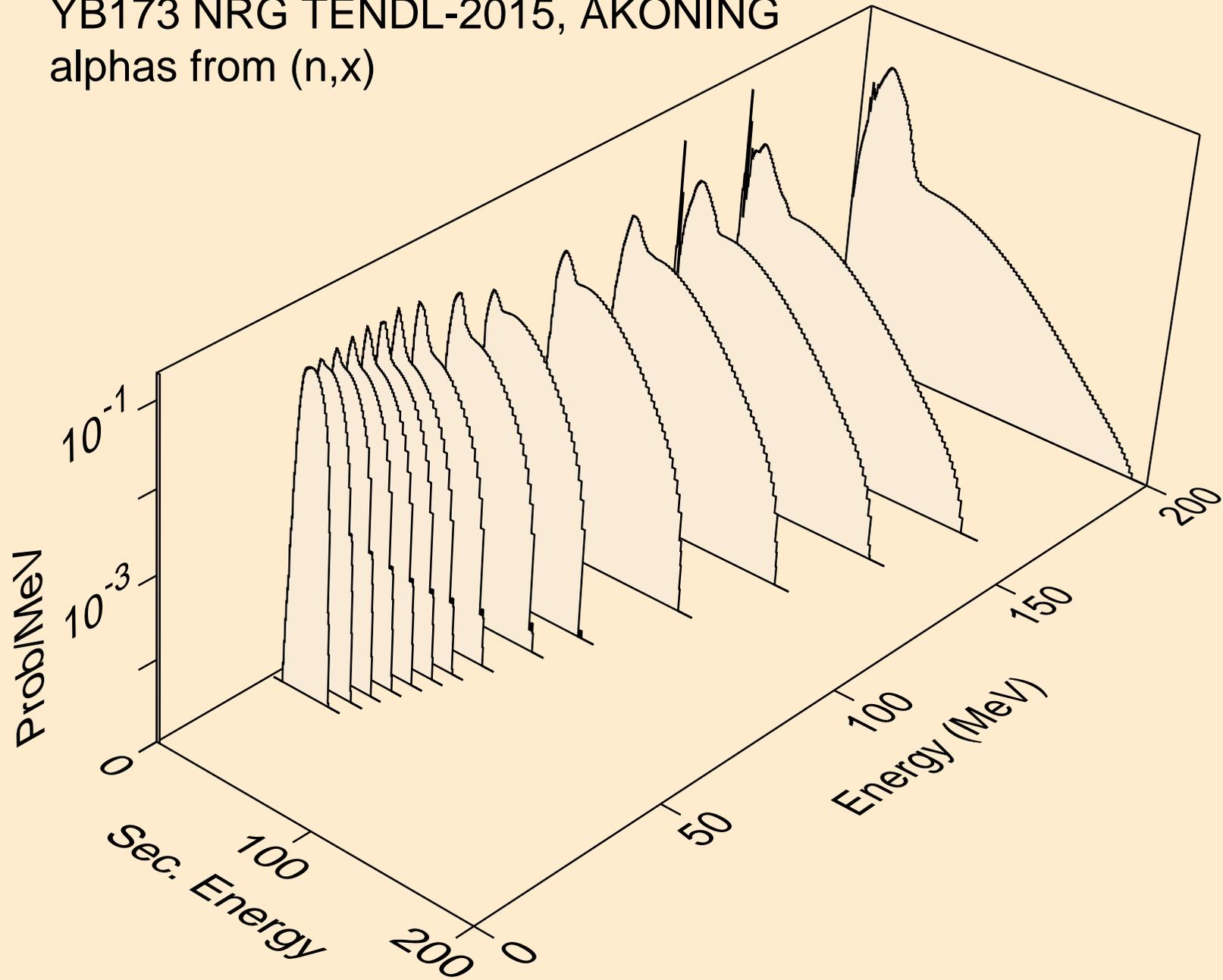
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he3s from (n,n\*)he3



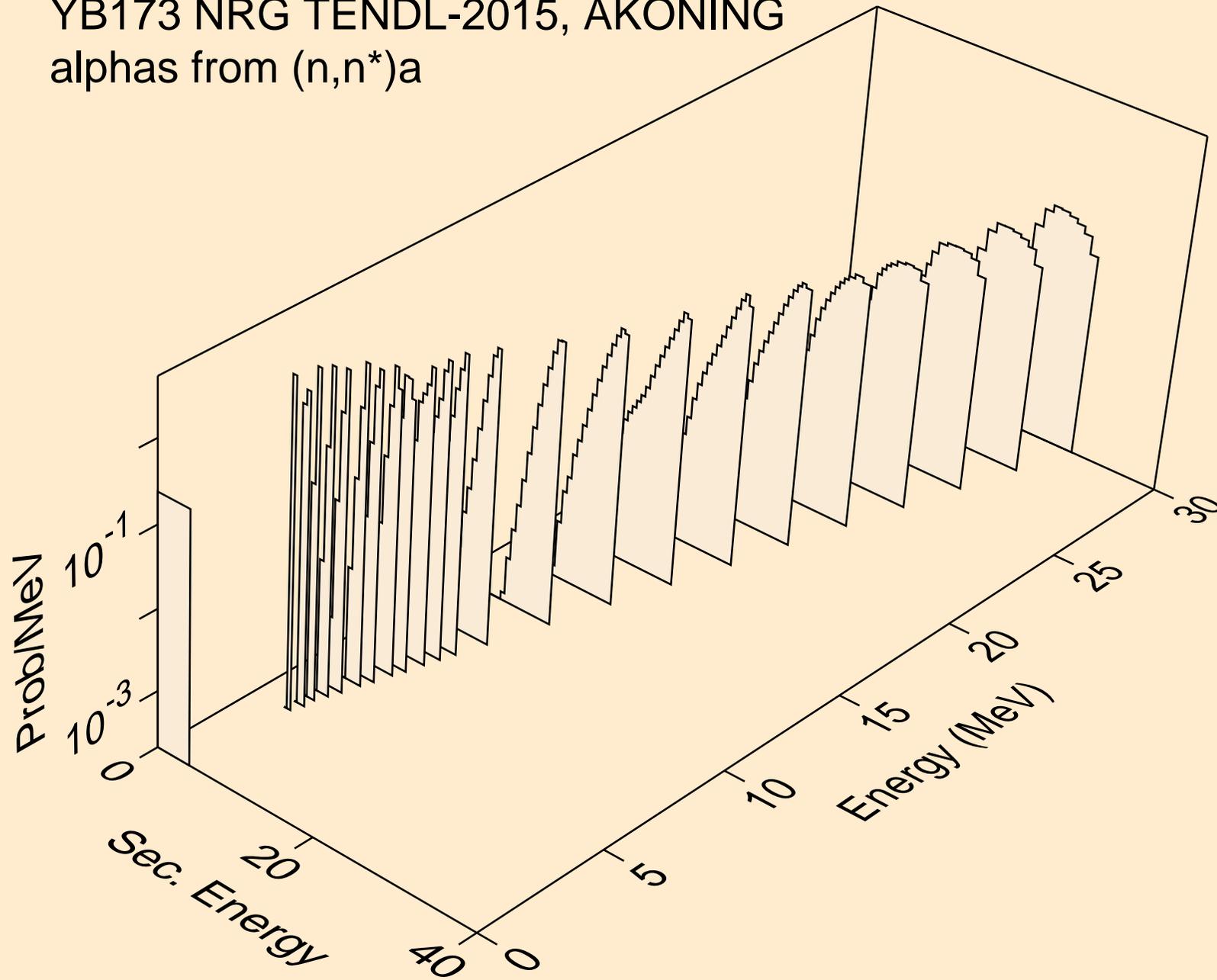
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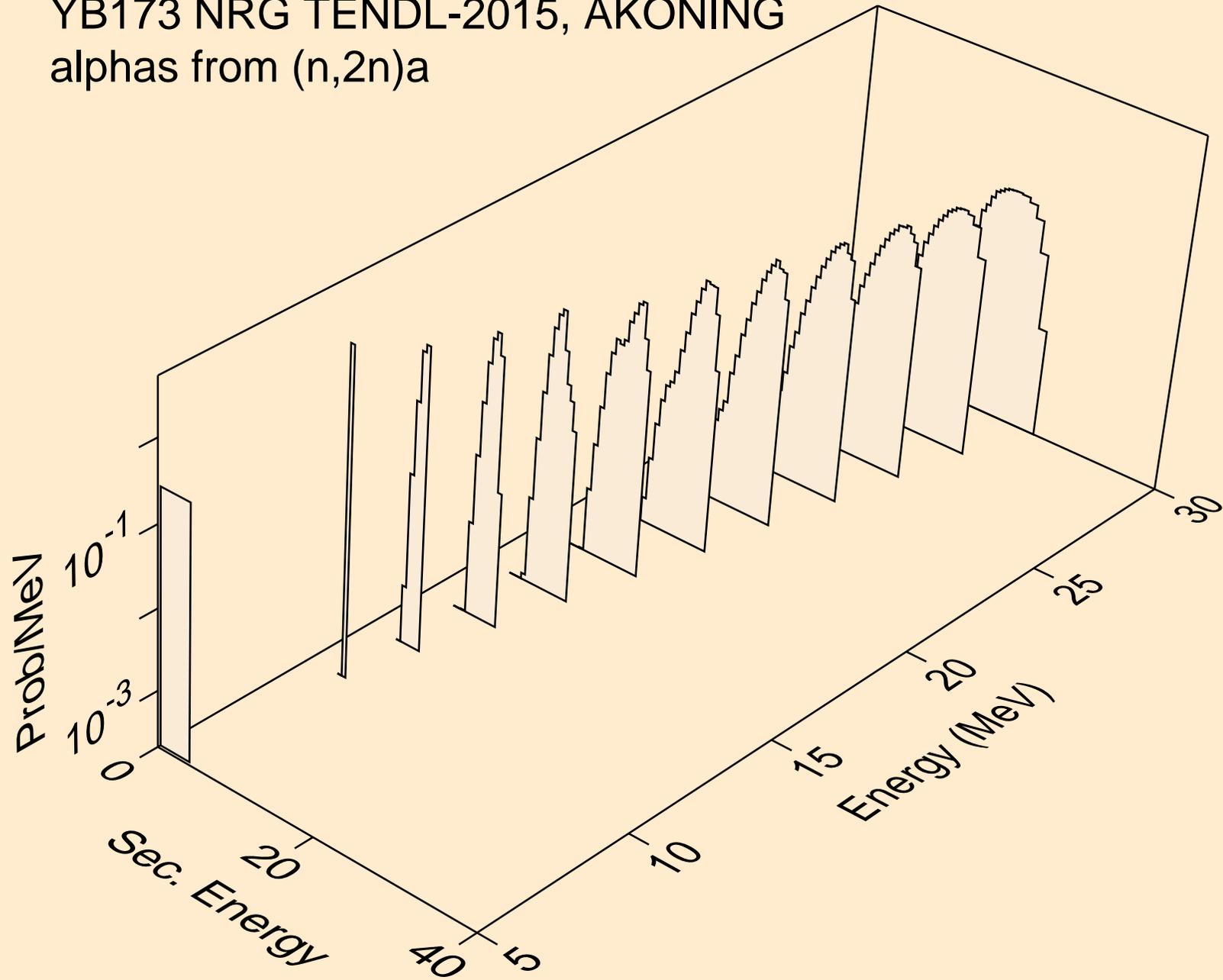
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alphas from (n,x)



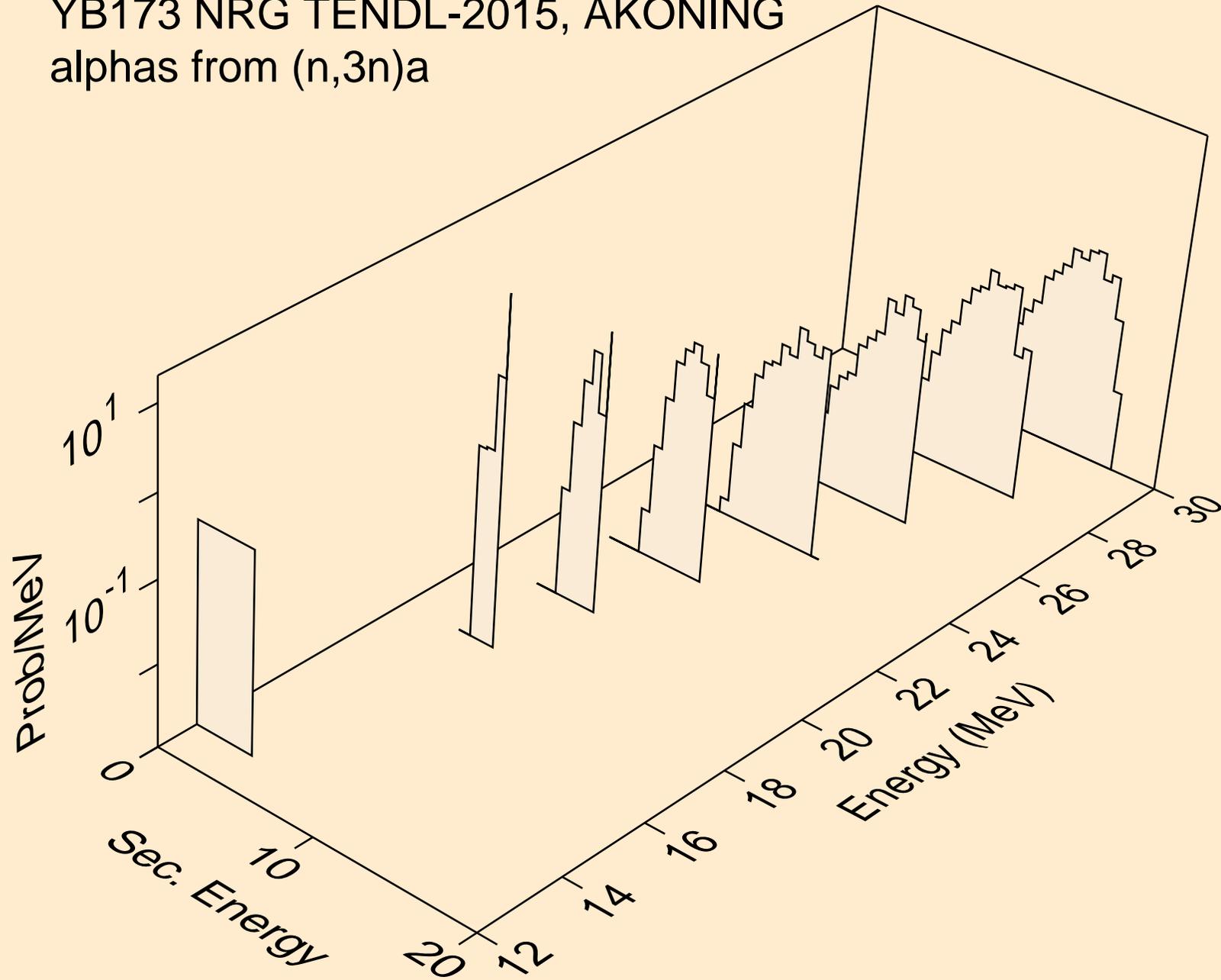
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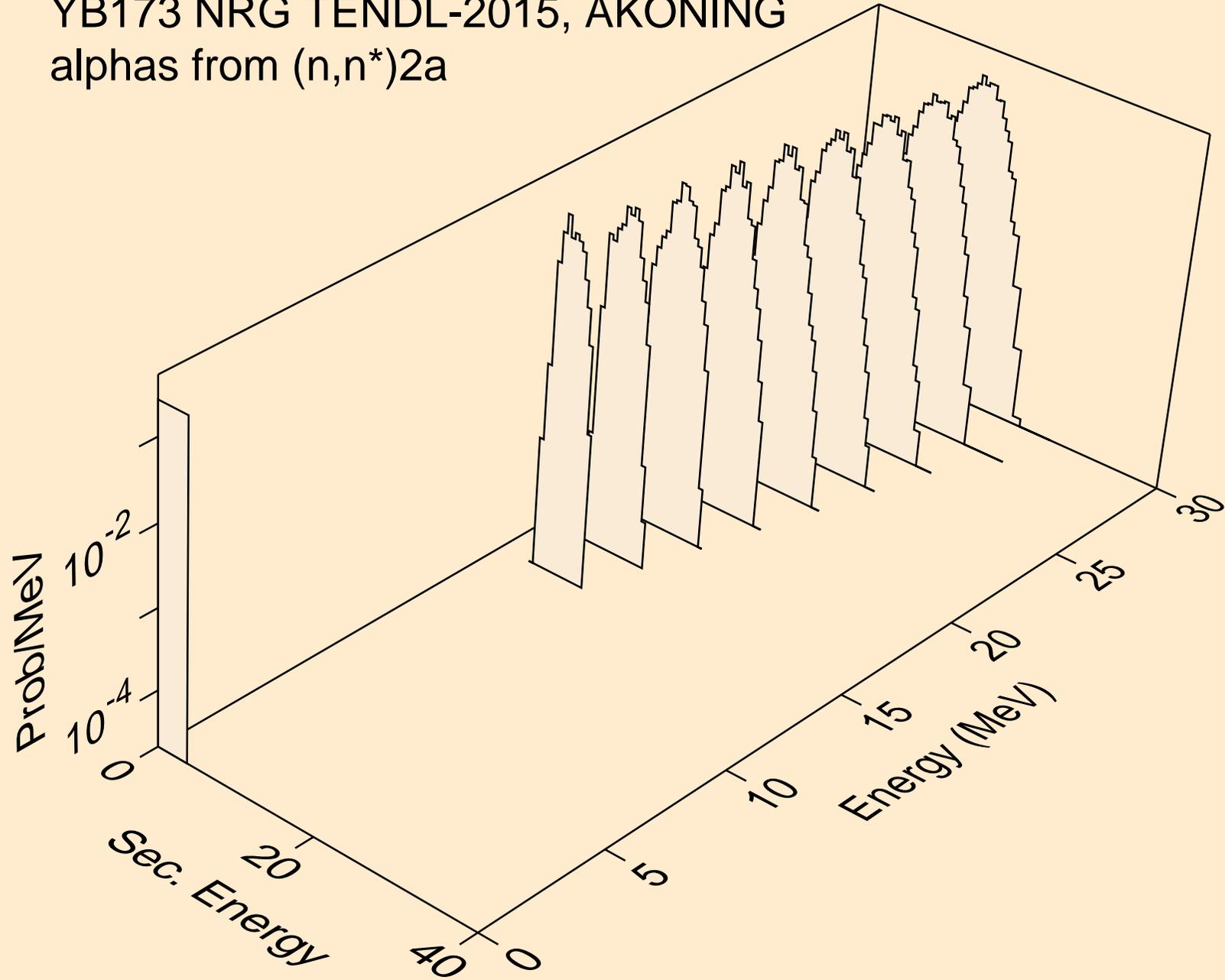
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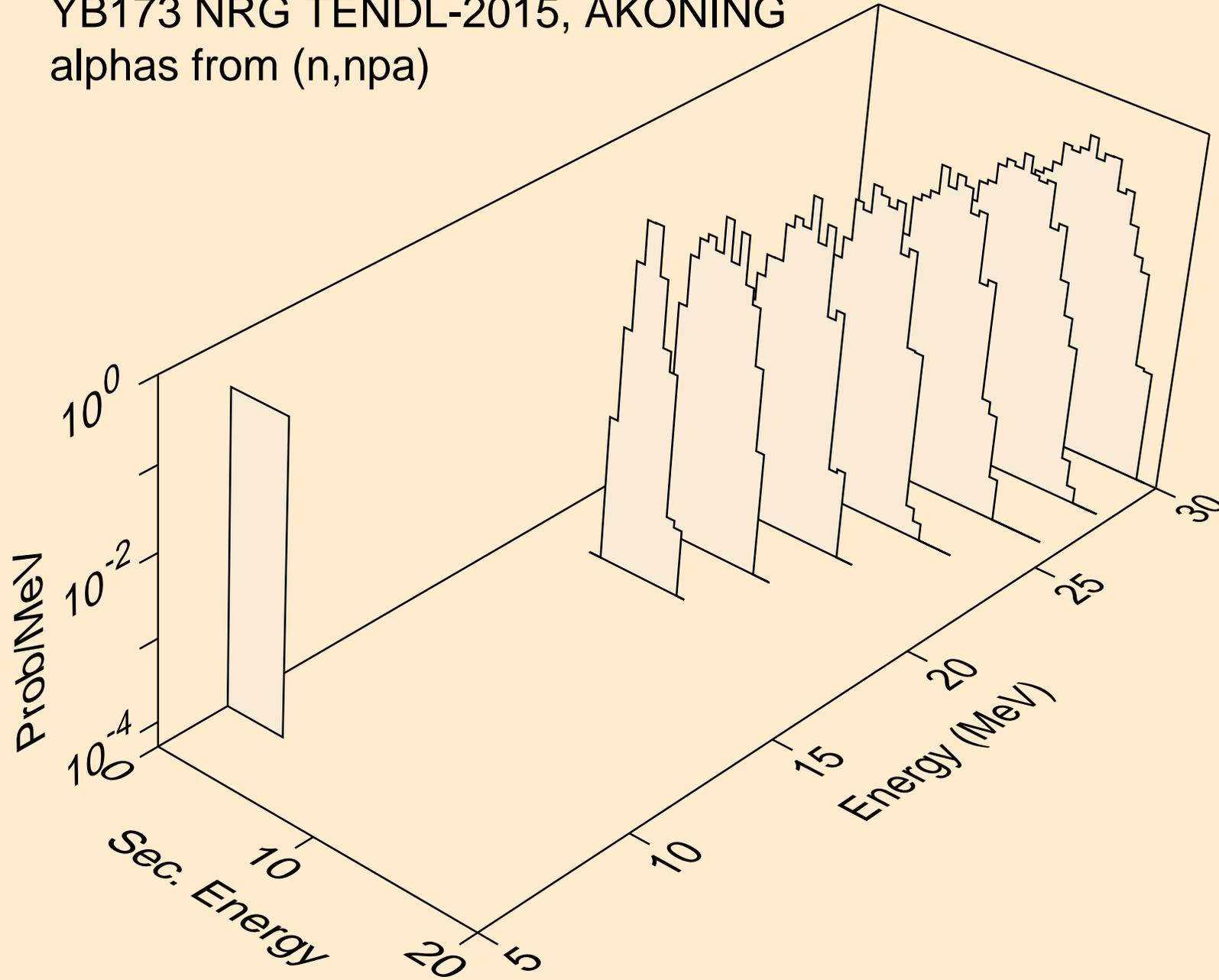
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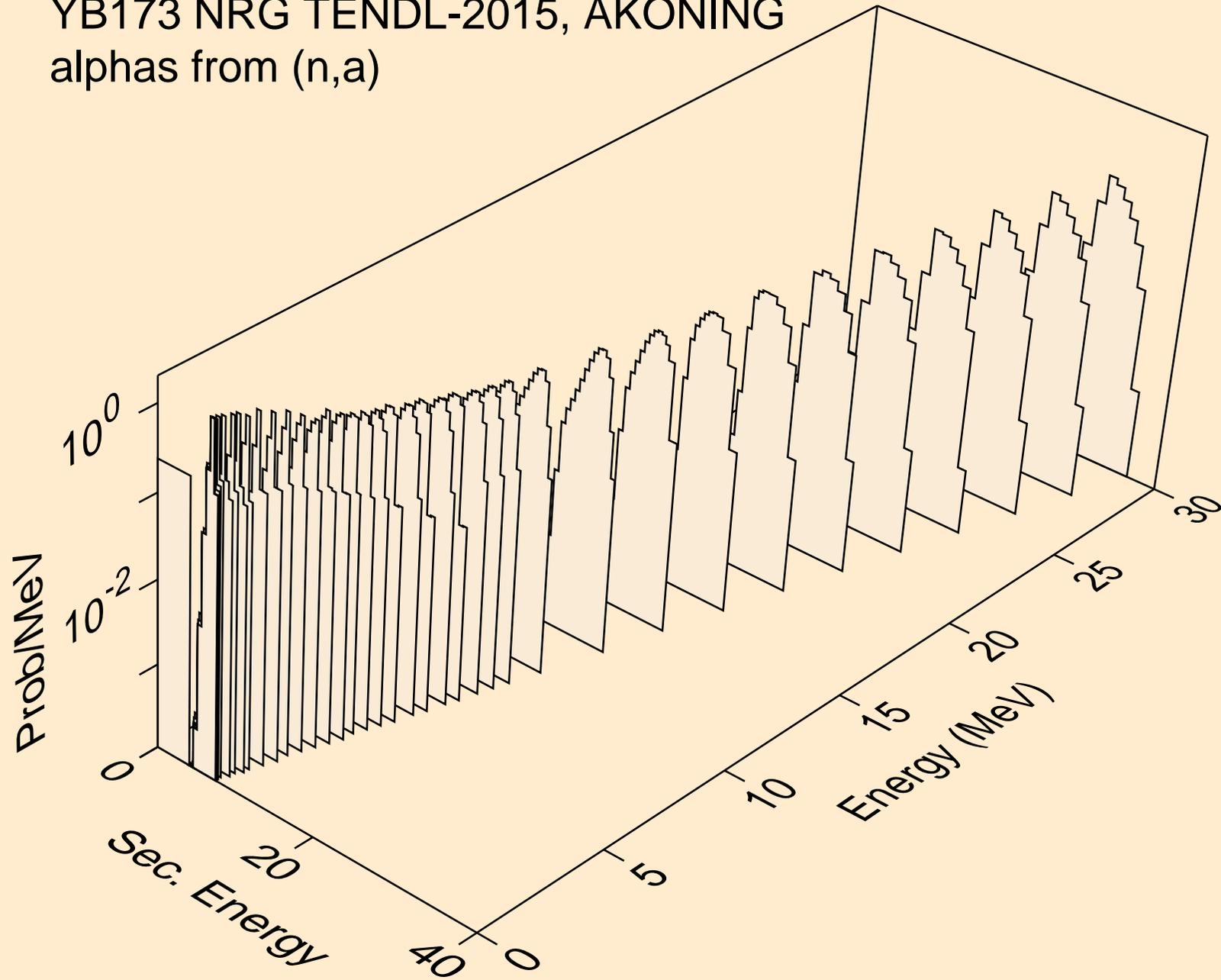
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alphas from (n,n\*)2a



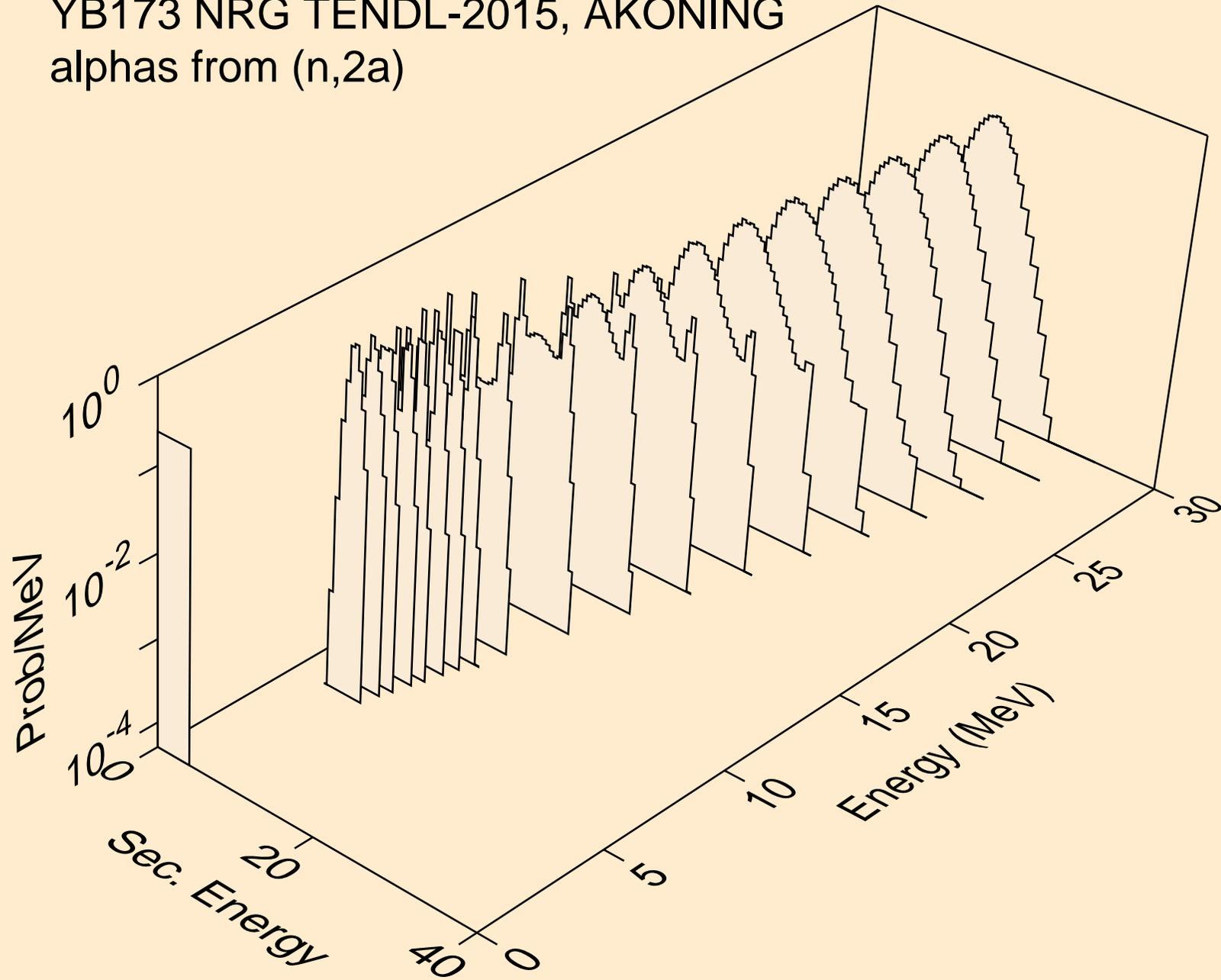
YB173 NRG TENDL-2015, AKONING  
alphas from (n,npa)



YB173 NRG TENDL-2015, AKONING  
alphas from (n,a)



YB173 NRG TENDL-2015, AKONING  
alphas from (n,2a)



YB173 NRG TENDL-2015, AKONING  
alphas from (n,pa)

