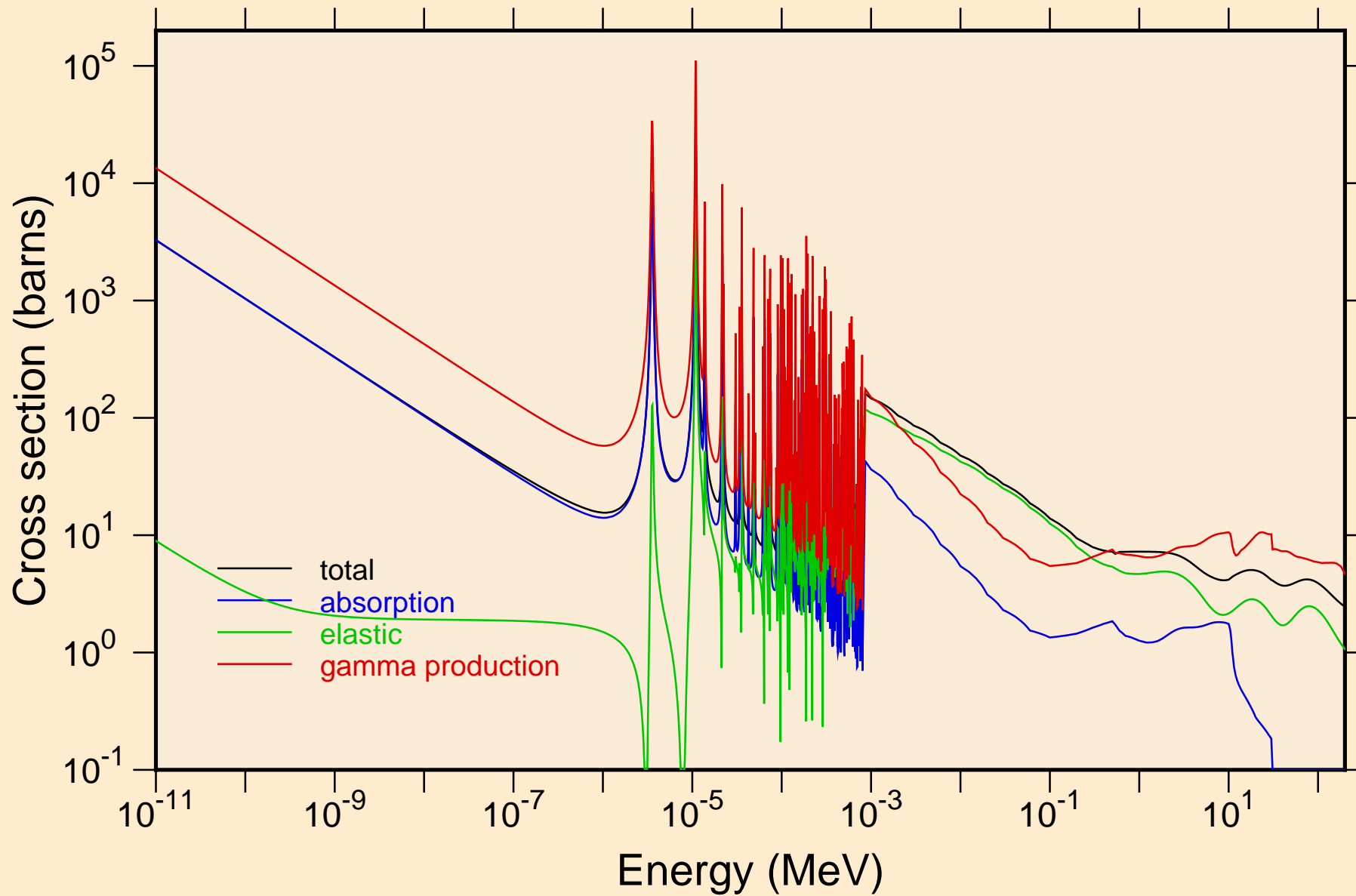
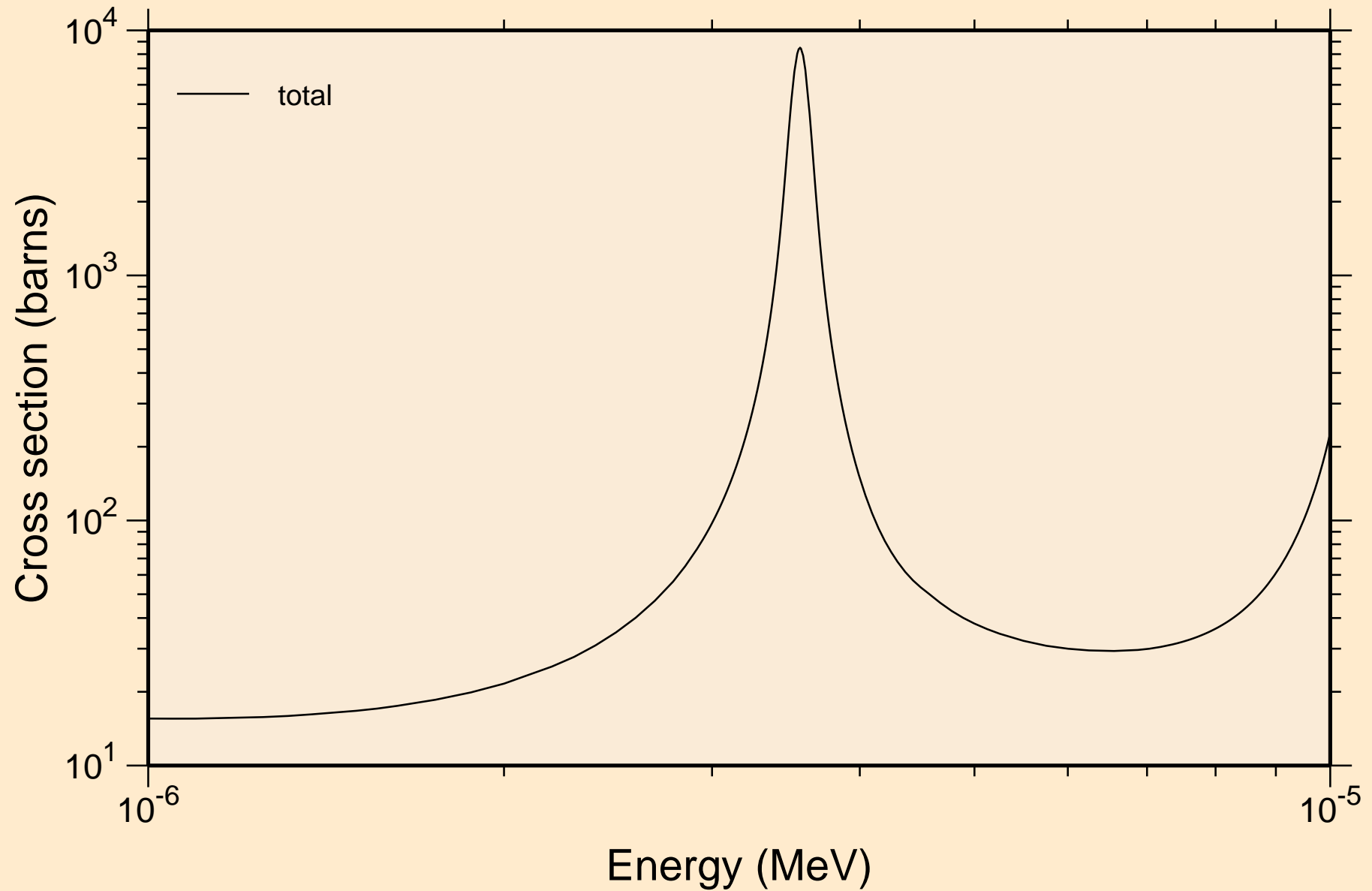


# YB156 NRG TENDL-2015, AKONING

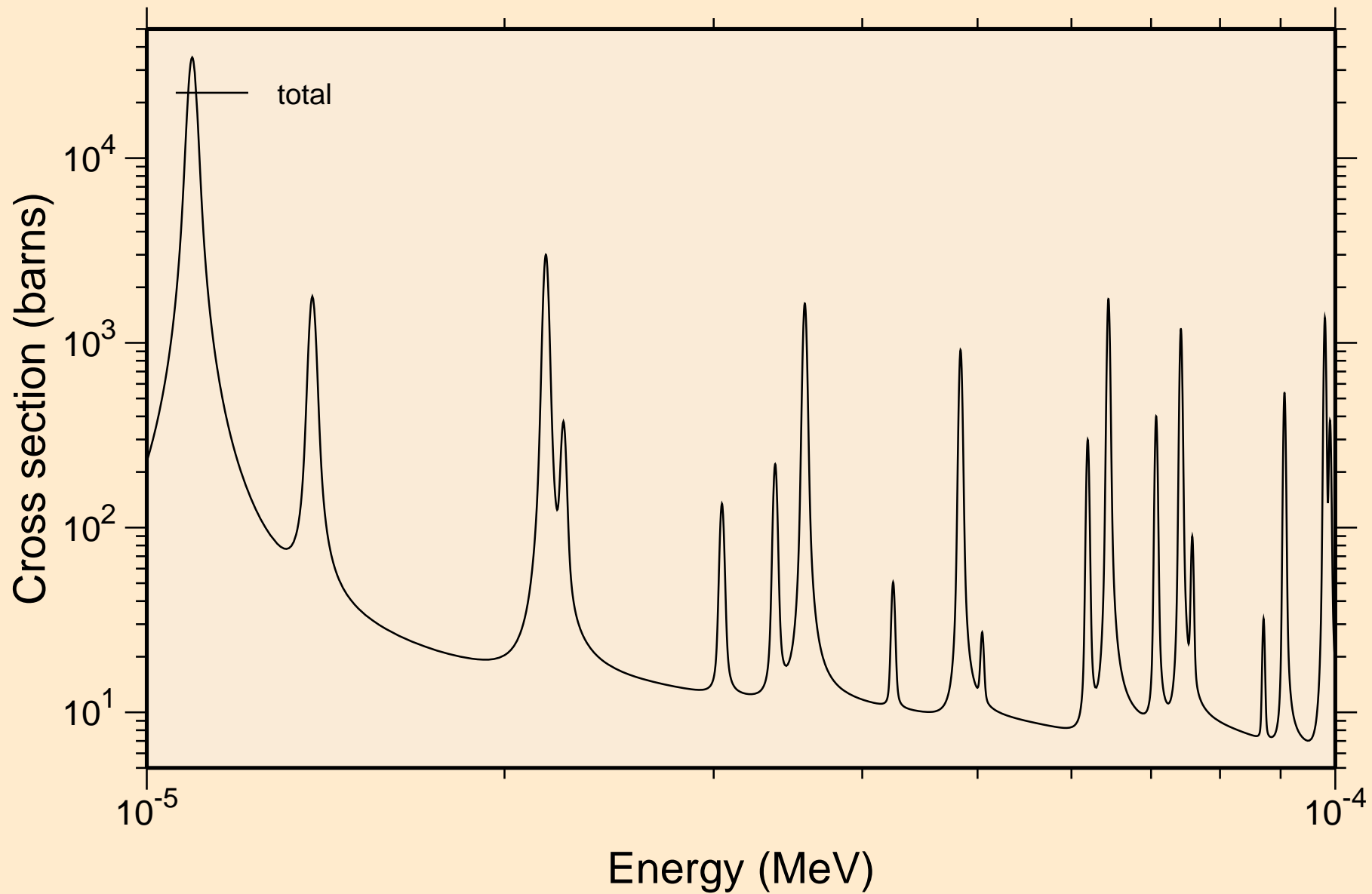
## Principal cross sections



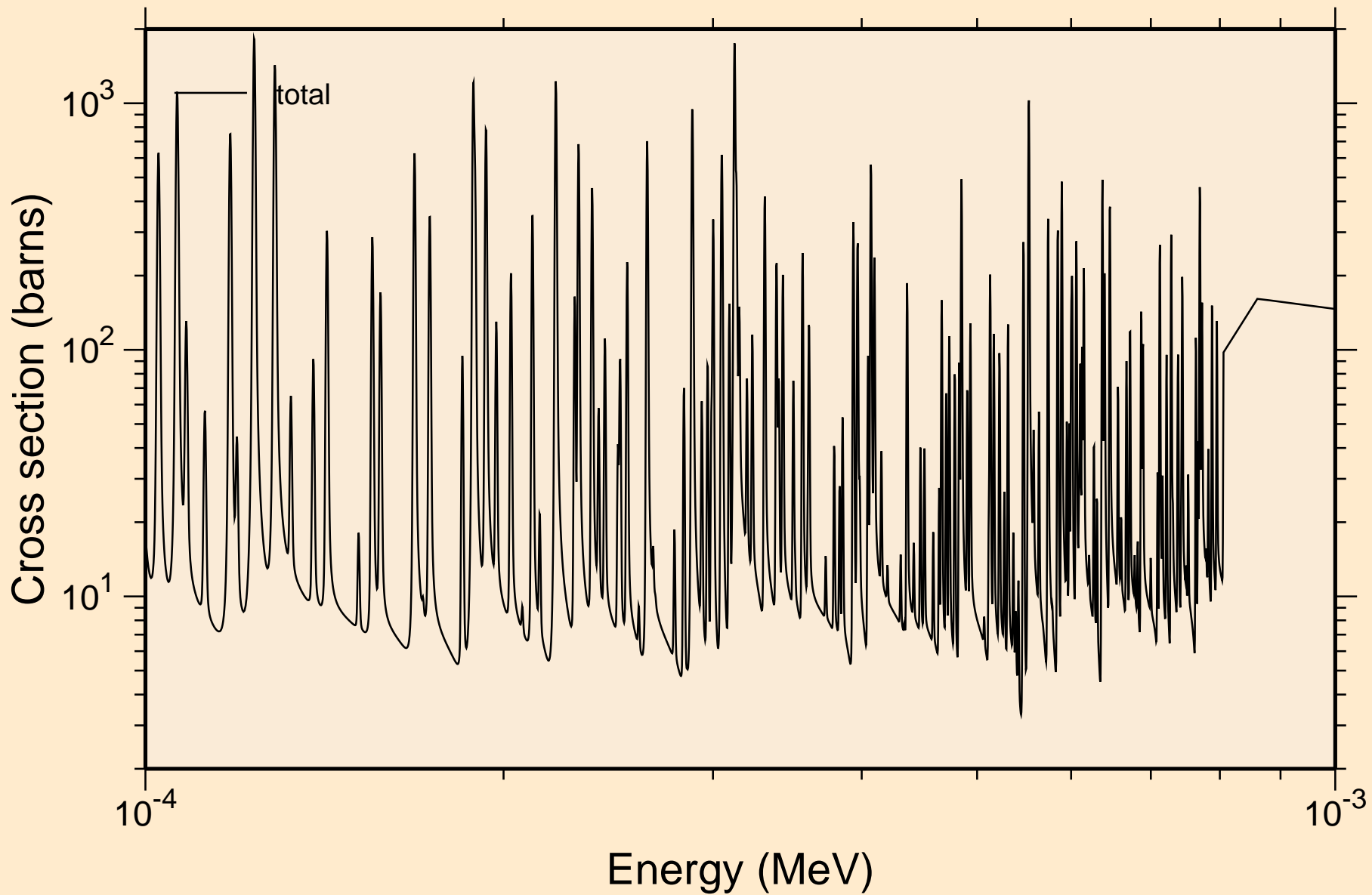
YB156 NRG TENDL-2015, AKONING  
resonance total cross section



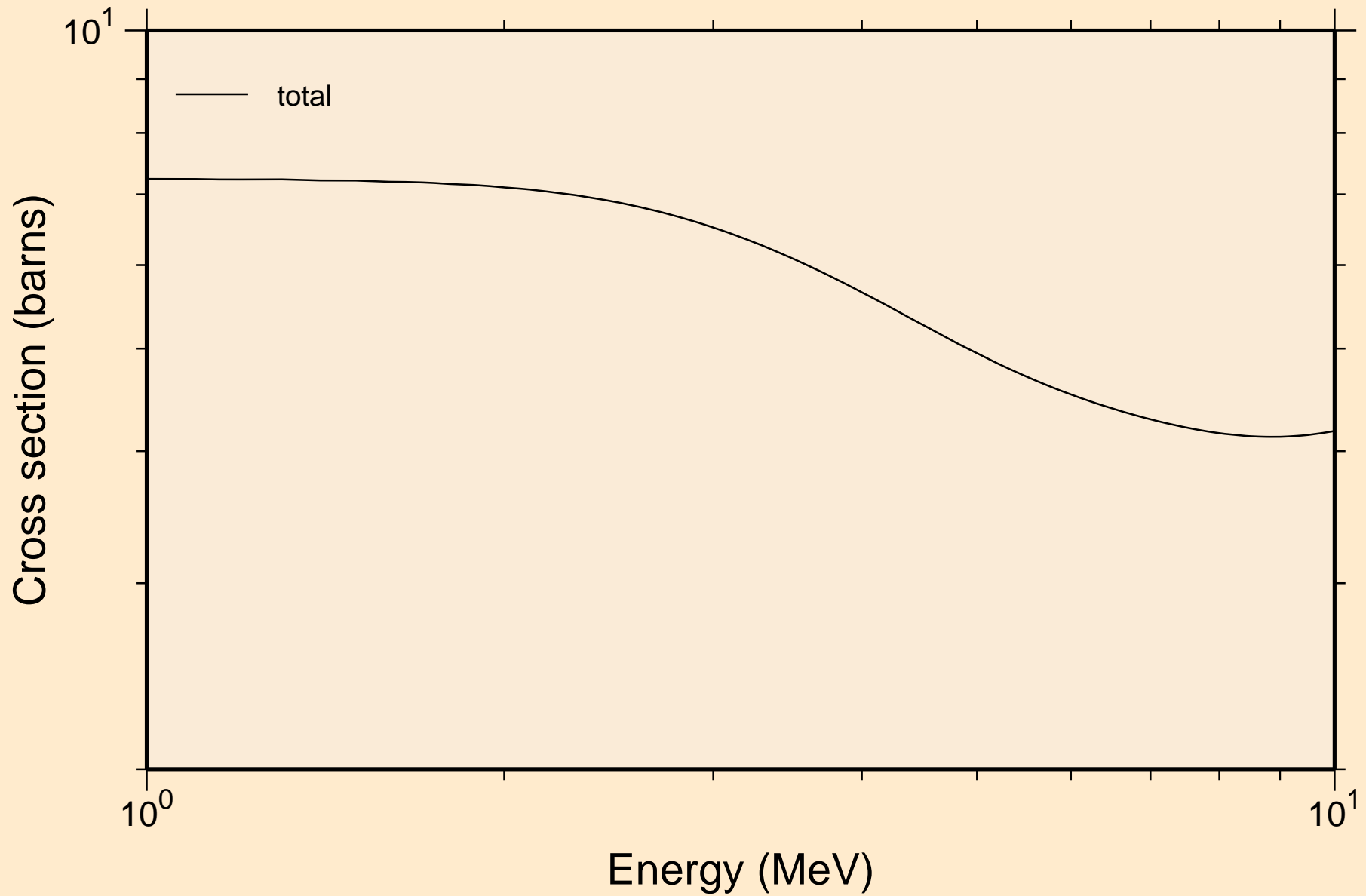
YB156 NRG TENDL-2015, AKONING  
resonance total cross section



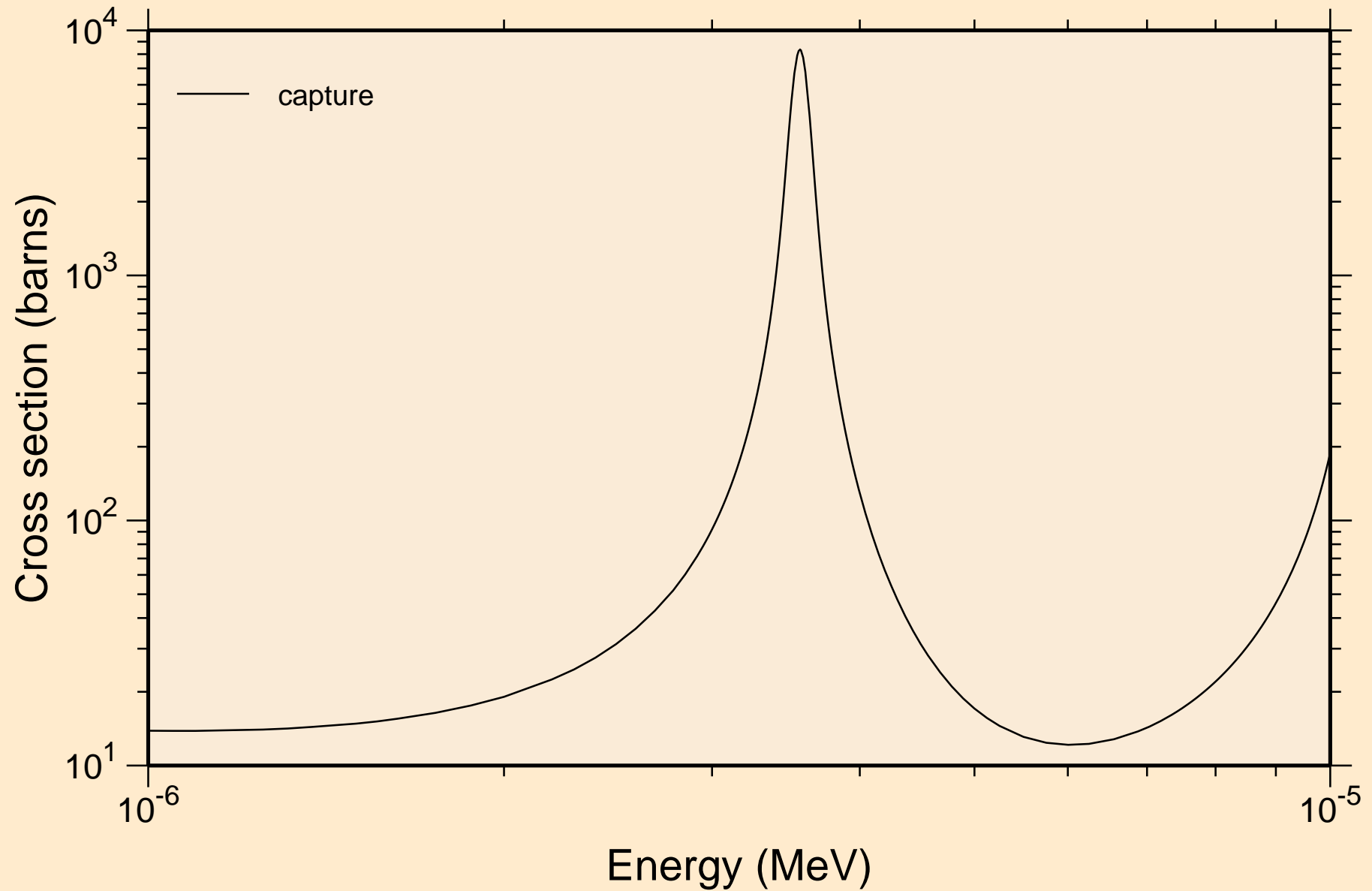
YB156 NRG TENDL-2015, AKONING  
resonance total cross section



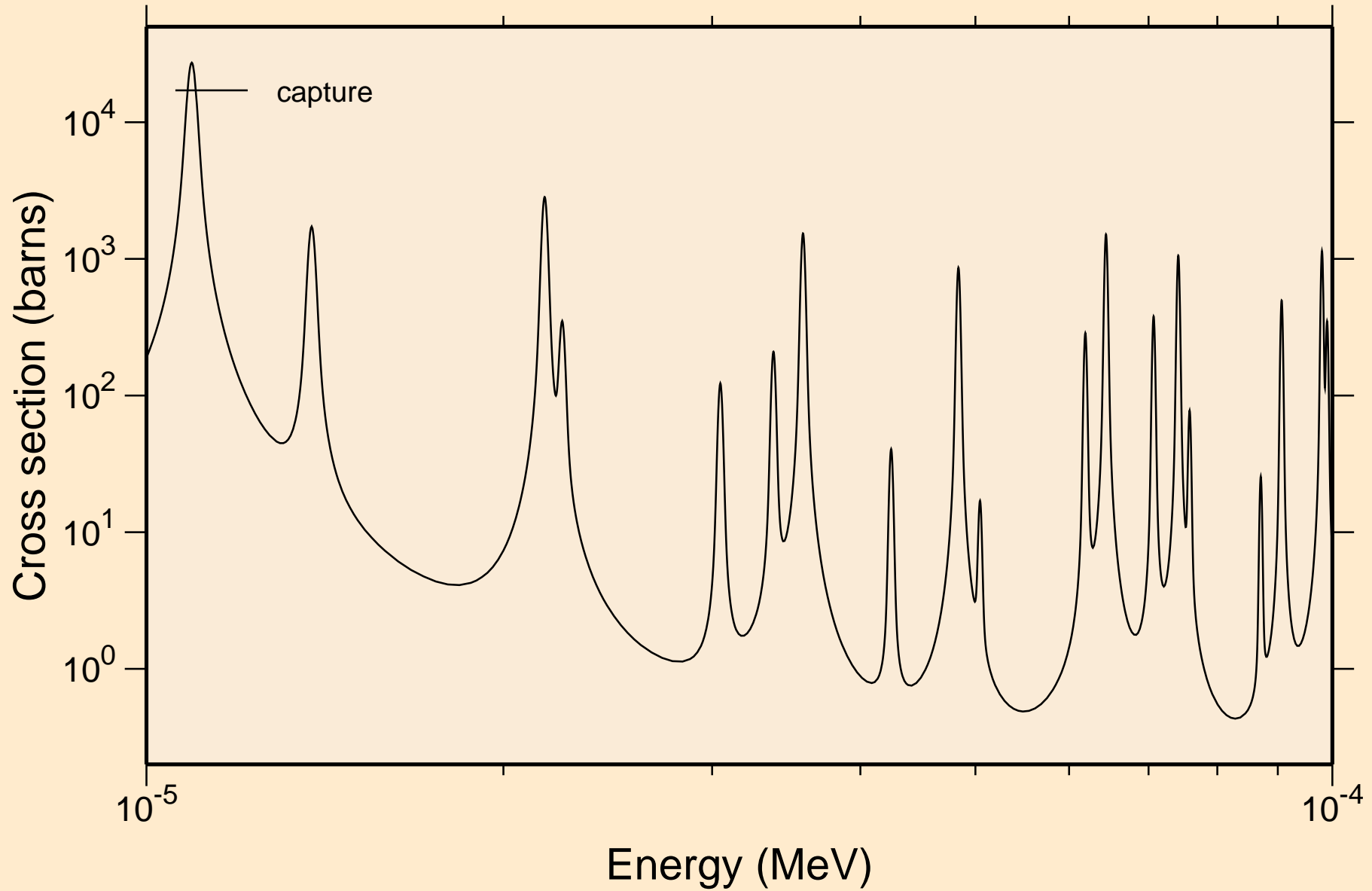
YB156 NRG TENDL-2015, AKONING  
resonance total cross section



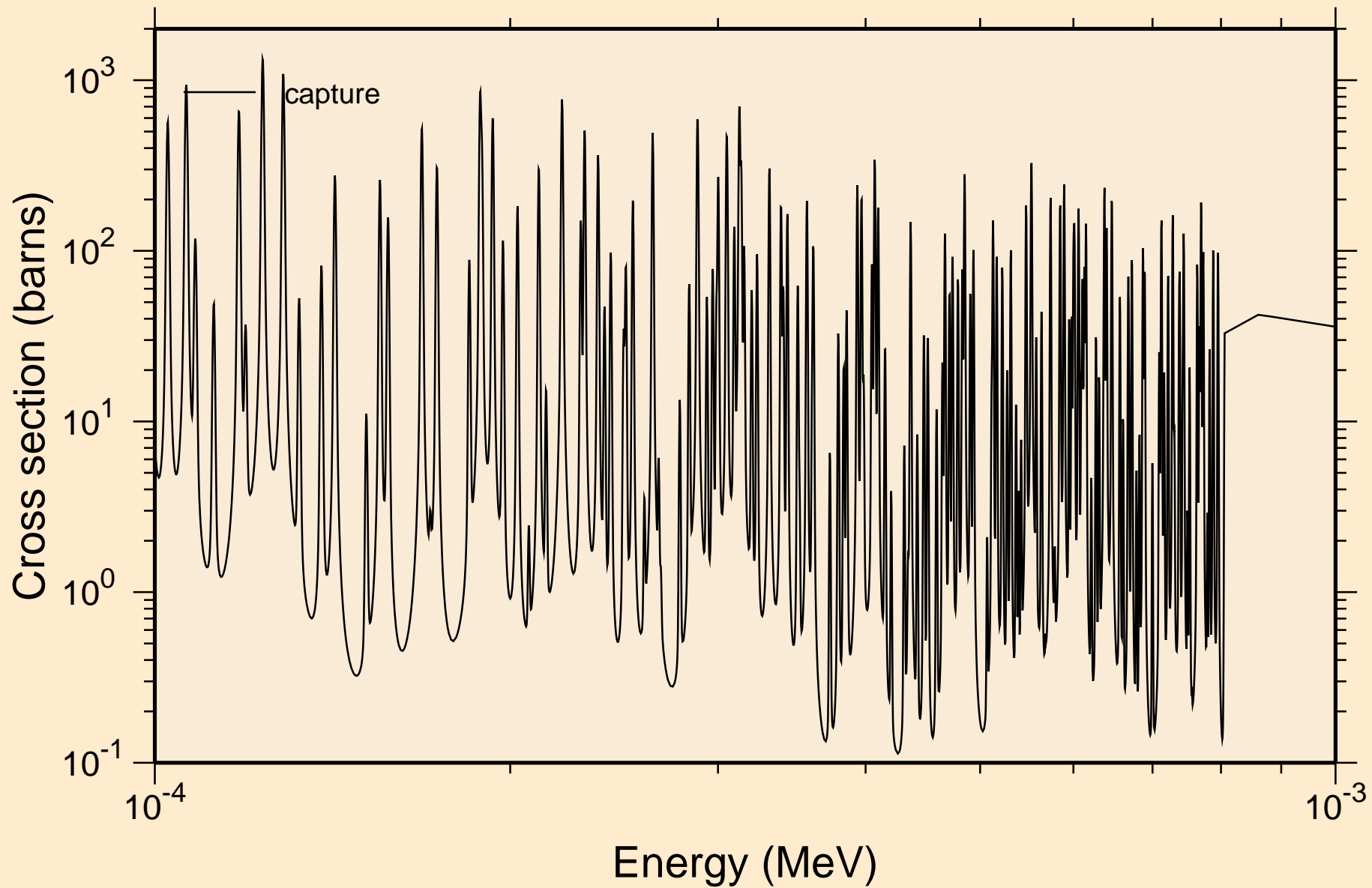
YB156 NRG TENDL-2015, AKONING  
resonance absorption cross sections



YB156 NRG TENDL-2015, AKONING  
resonance absorption cross sections

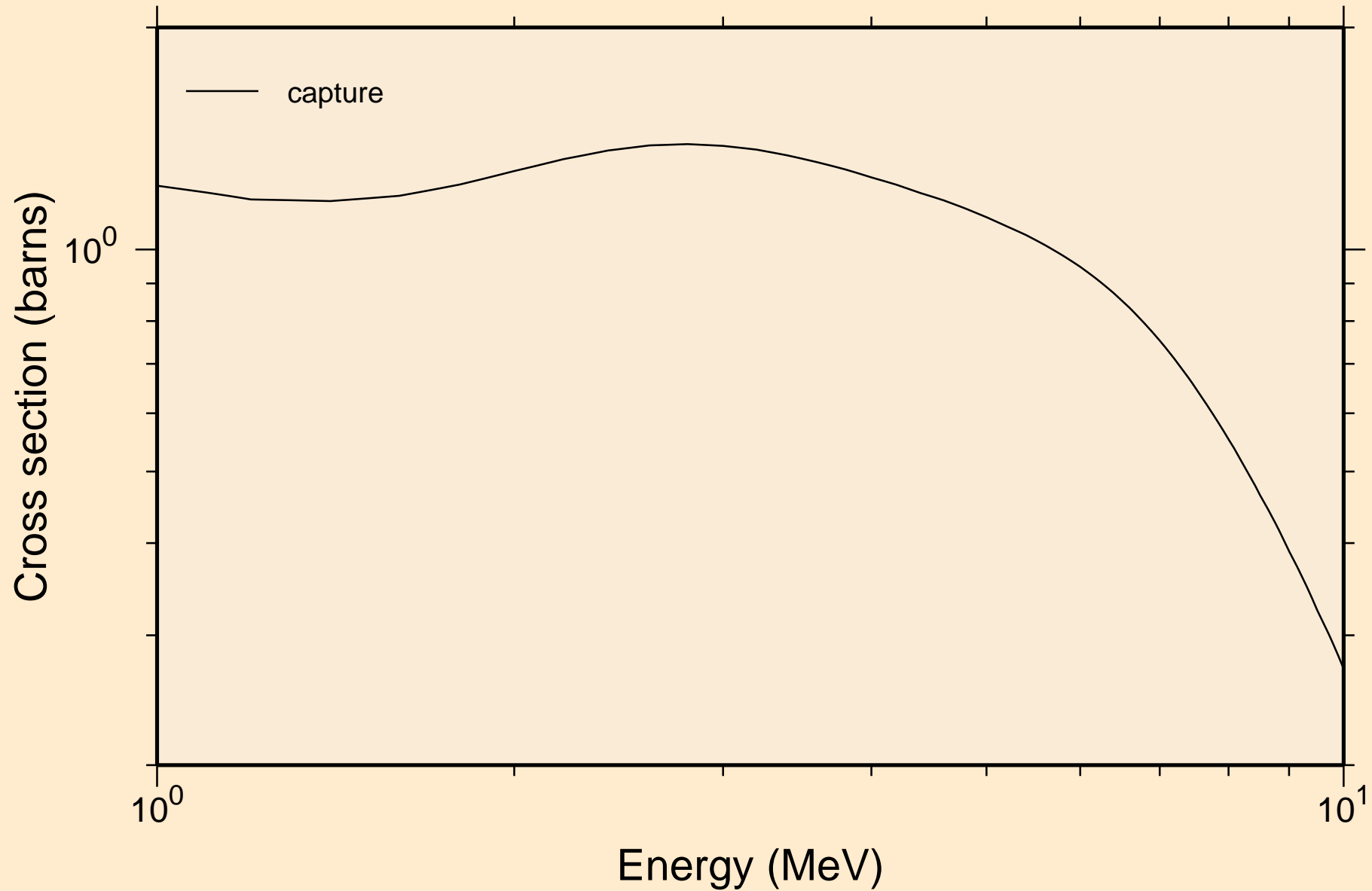


YB156 NRG TENDL-2015, AKONING  
resonance absorption cross sections



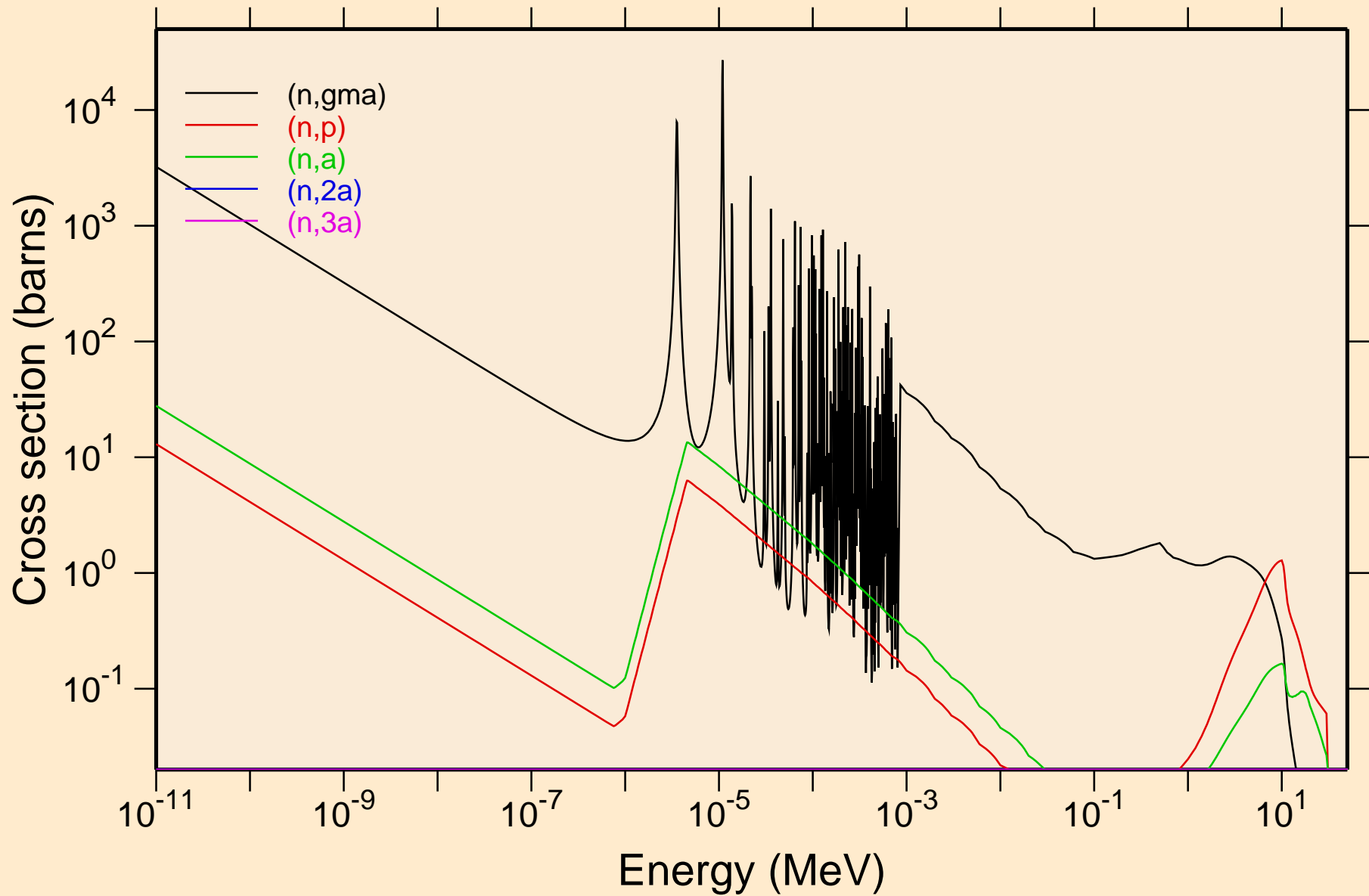


YB156 NRG TENDL-2015, AKONING  
resonance absorption cross sections

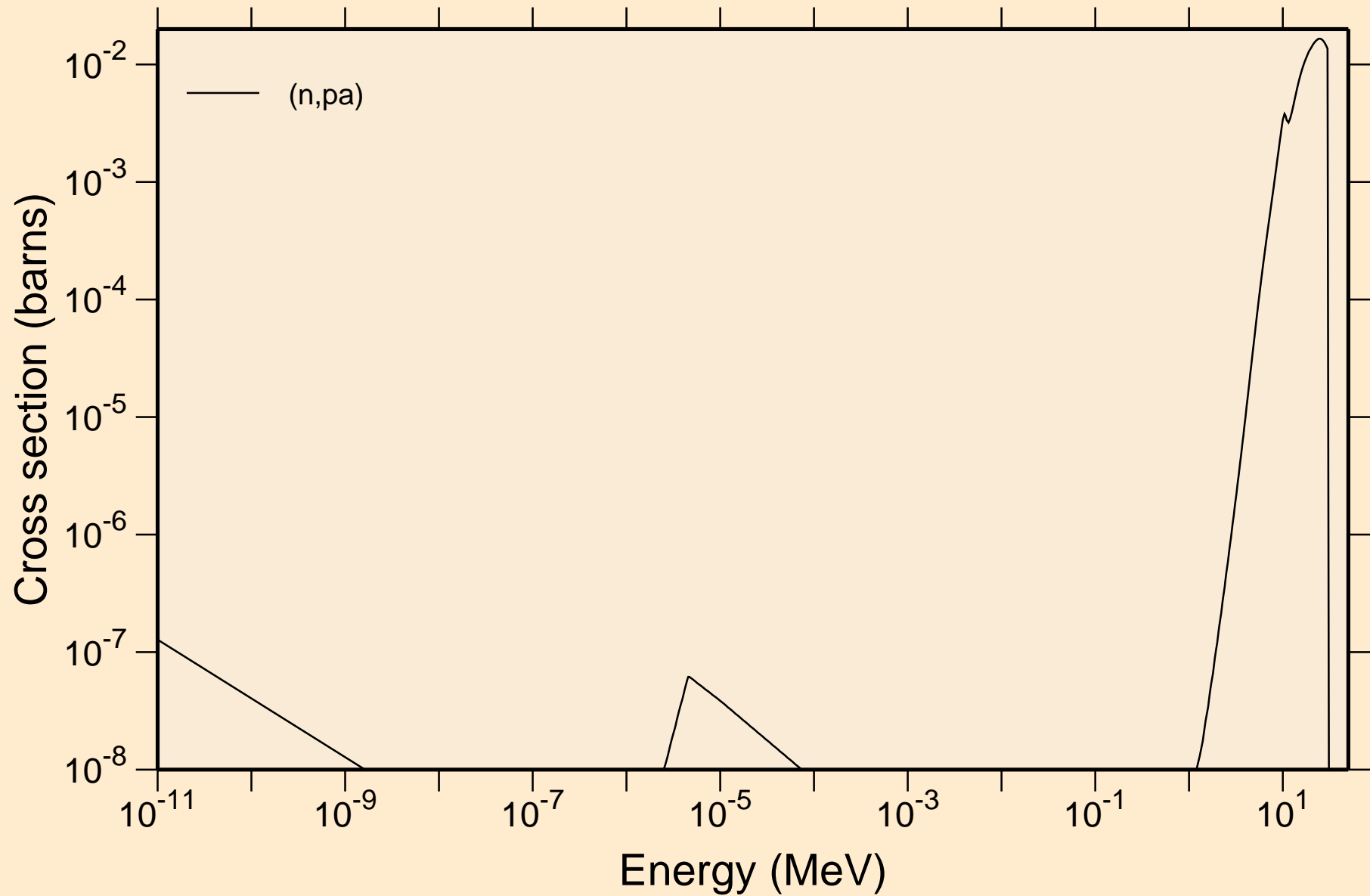


# YB156 NRG TENDL-2015, AKONING

## Non-threshold reactions

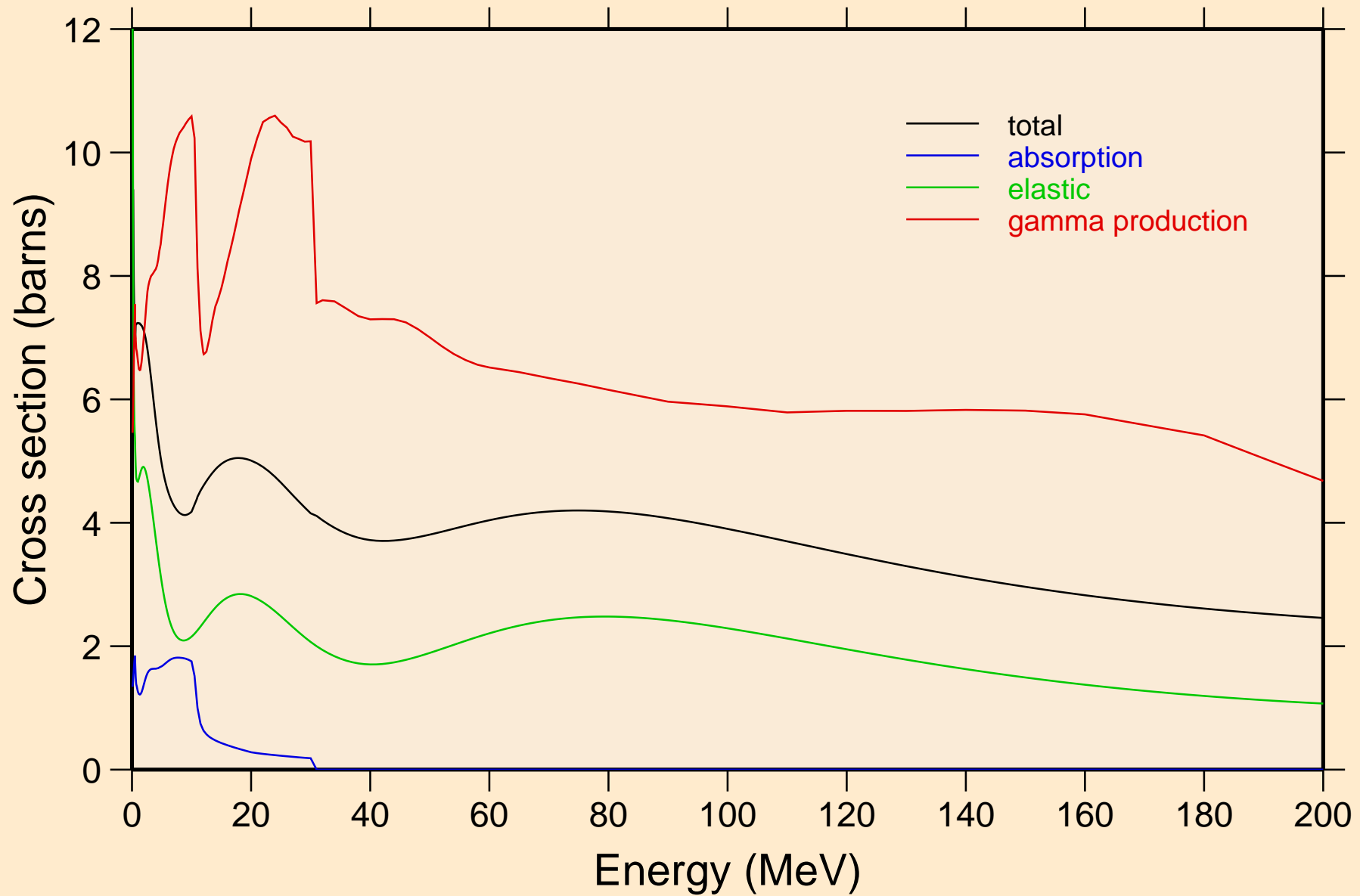


YB156 NRG TENDL-2015, AKONING  
Non-threshold reactions



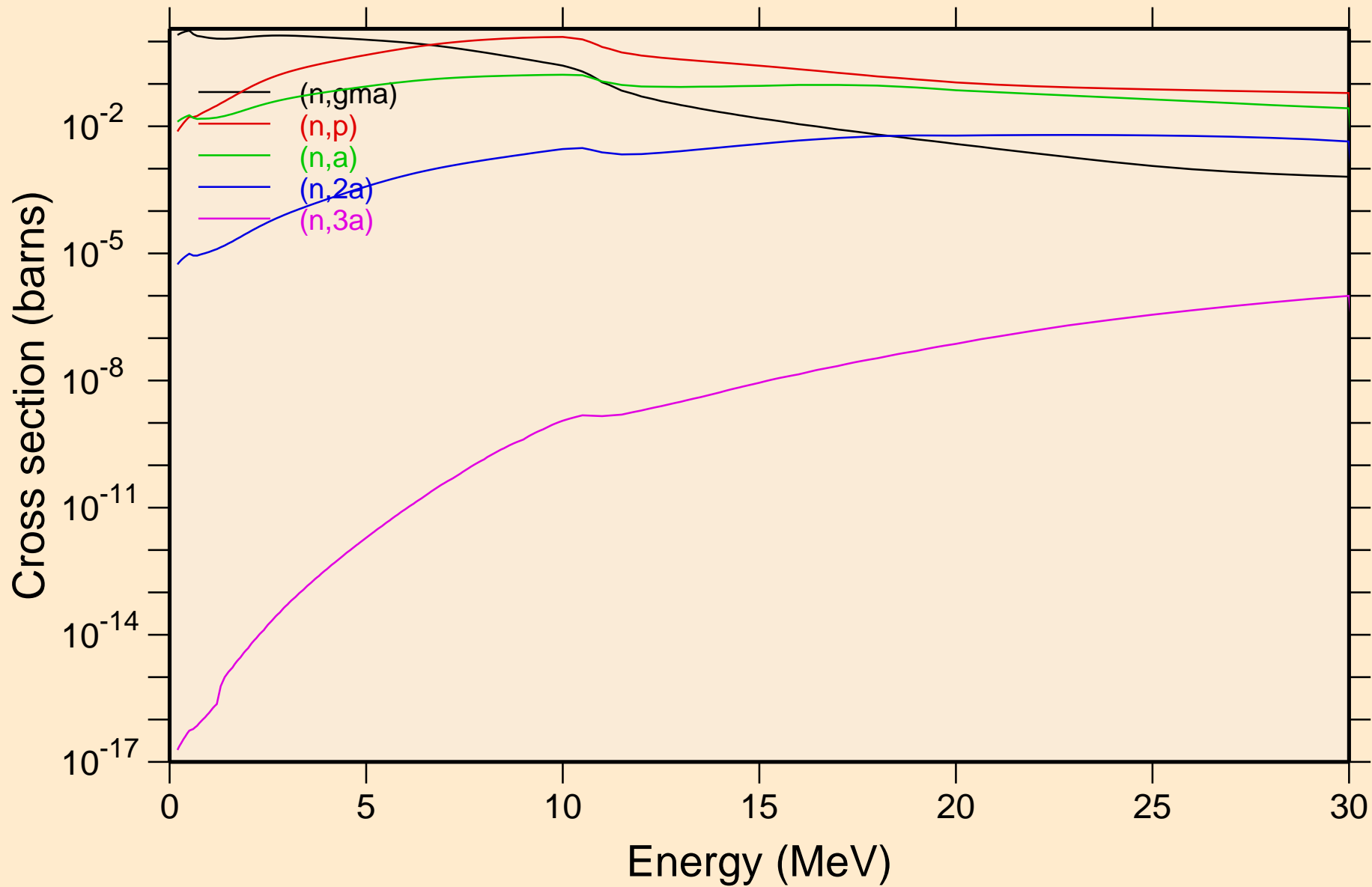
# YB156 NRG TENDL-2015, AKONING

## Principal cross sections



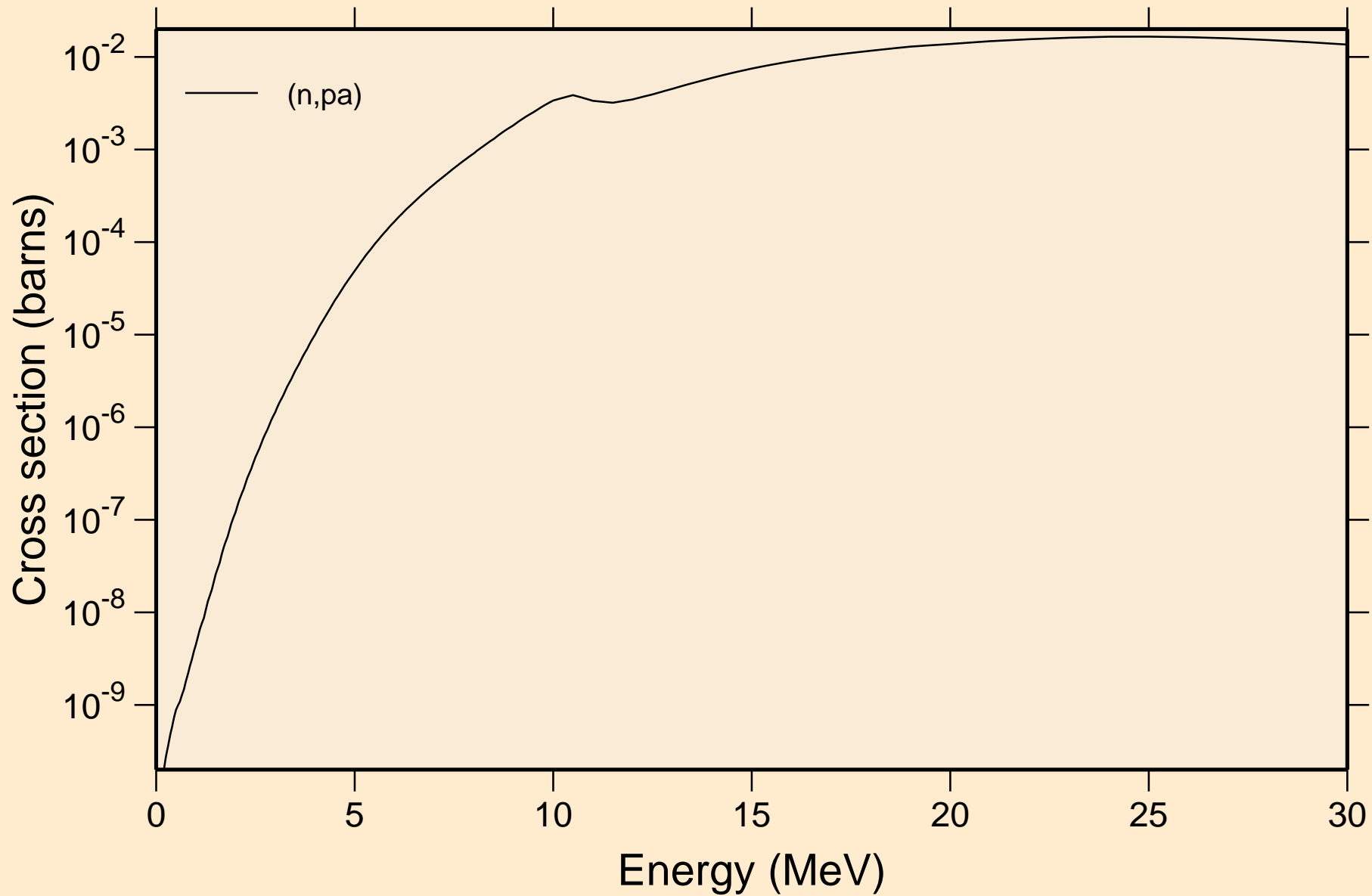
# YB156 NRG TENDL-2015, AKONING

## Non-threshold reactions



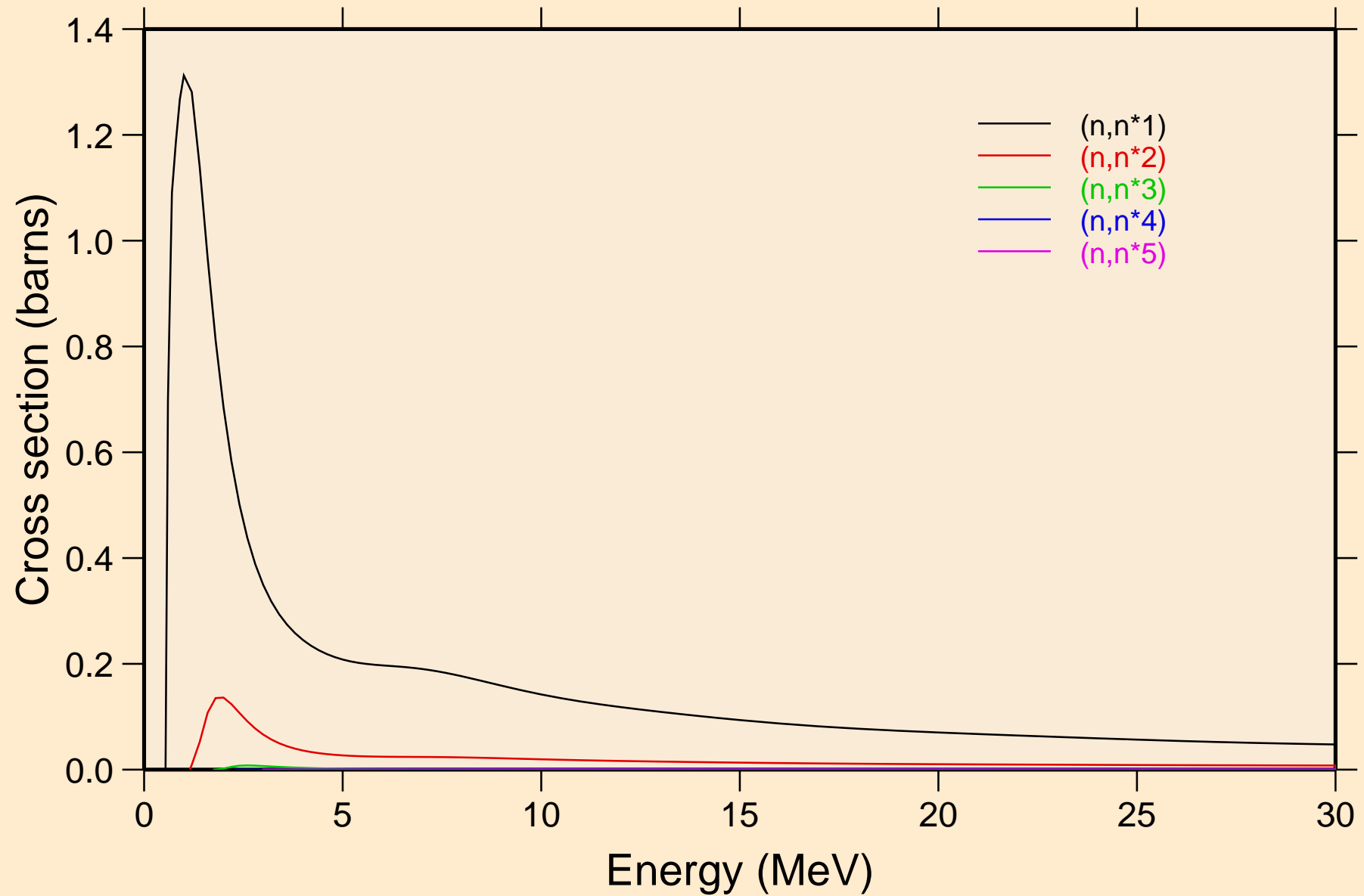
# YB156 NRG TENDL-2015, AKONING

## Non-threshold reactions



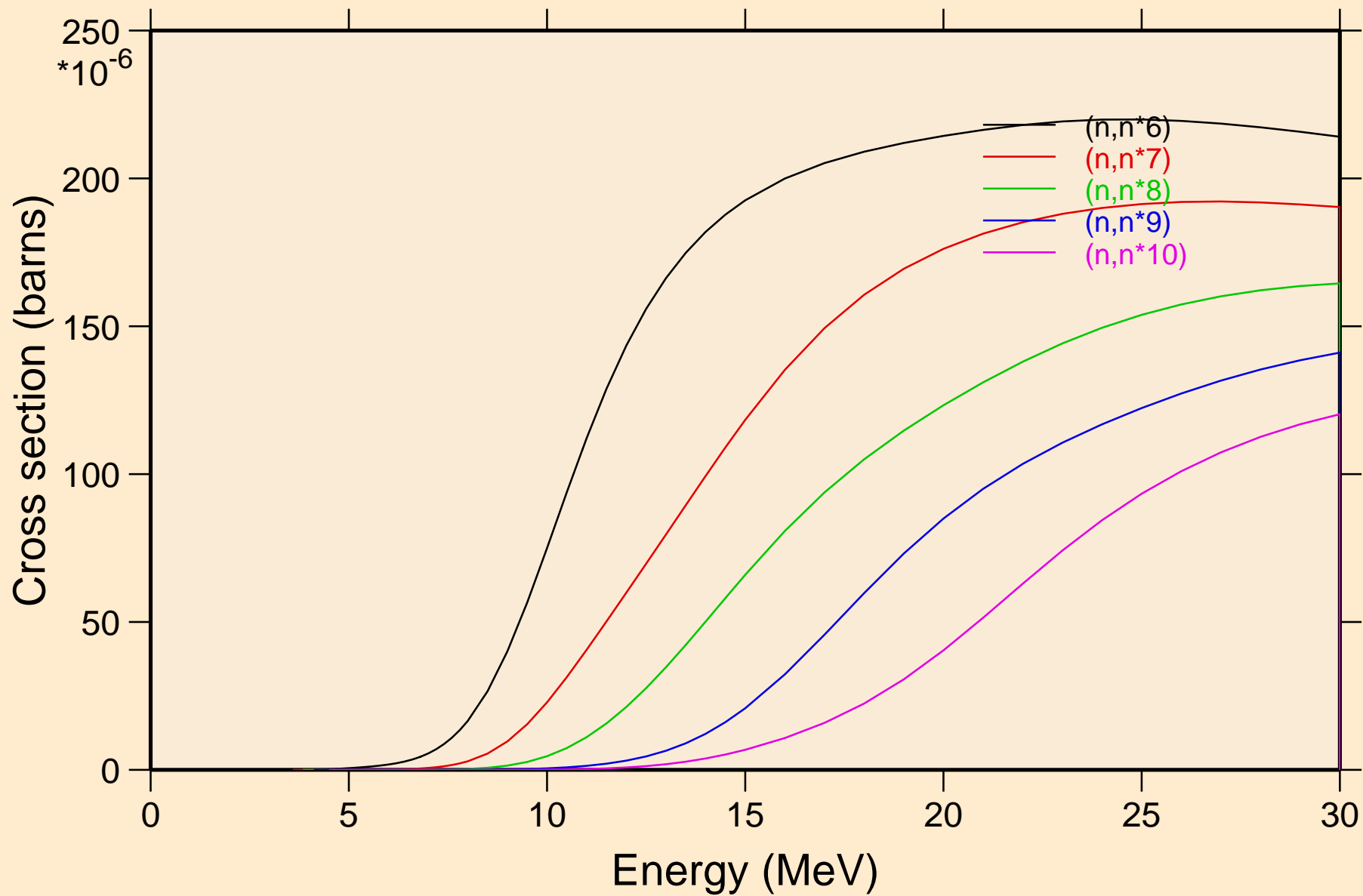
# YB156 NRG TENDL-2015, AKONING

## Inelastic levels



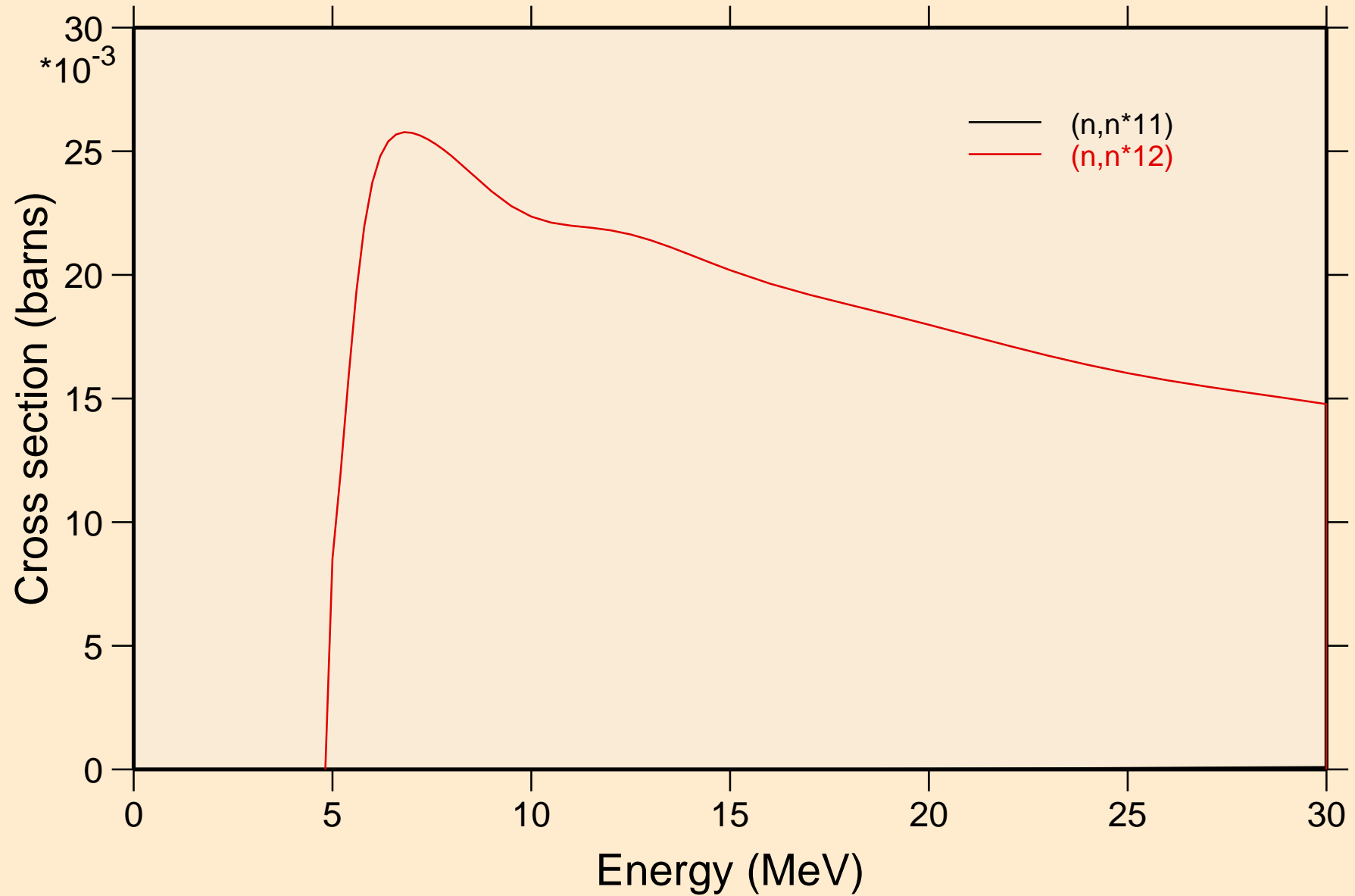
# YB156 NRG TENDL-2015, AKONING

## Inelastic levels



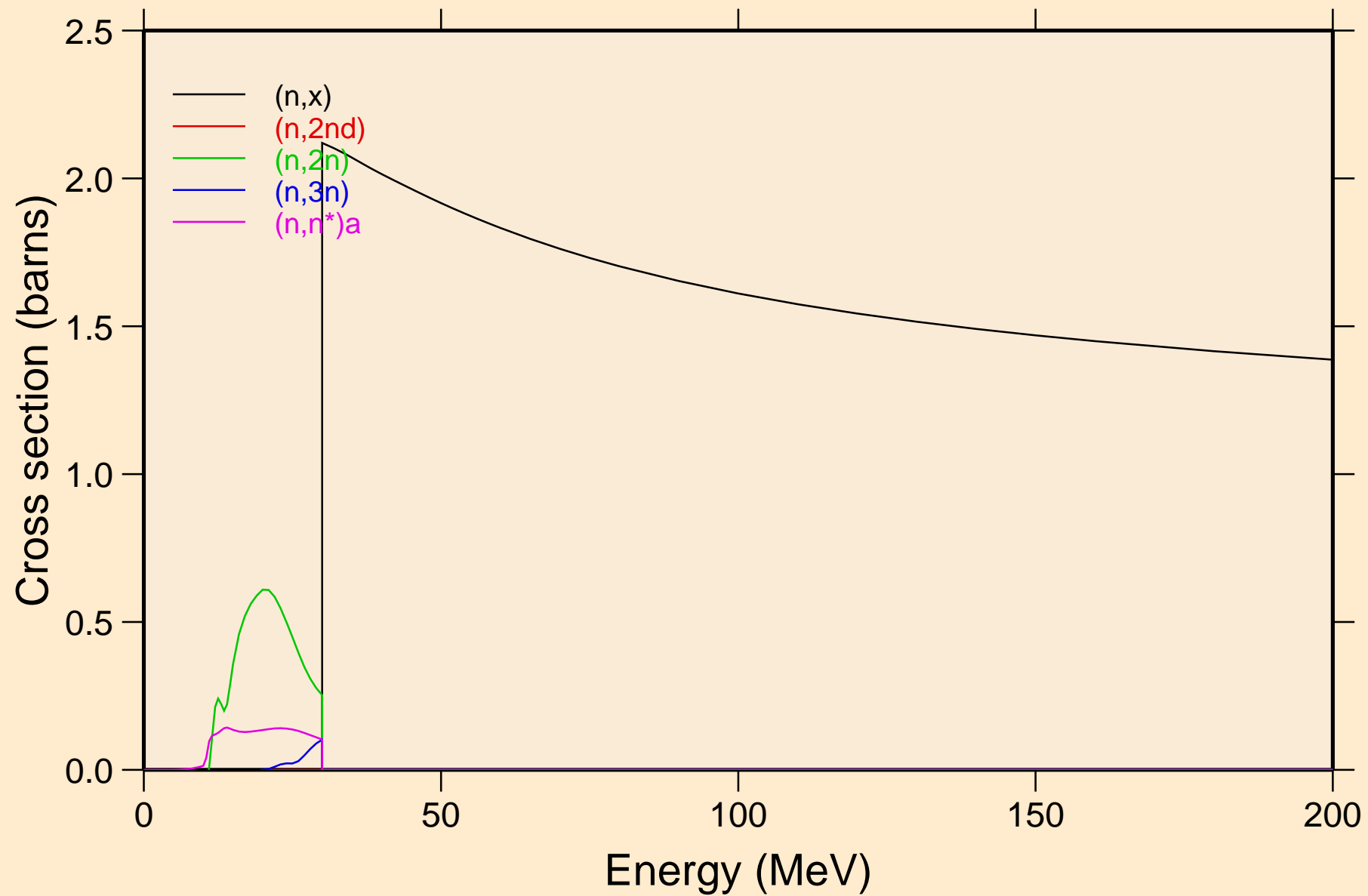


YB156 NRG TENDL-2015, AKONING  
Inelastic levels



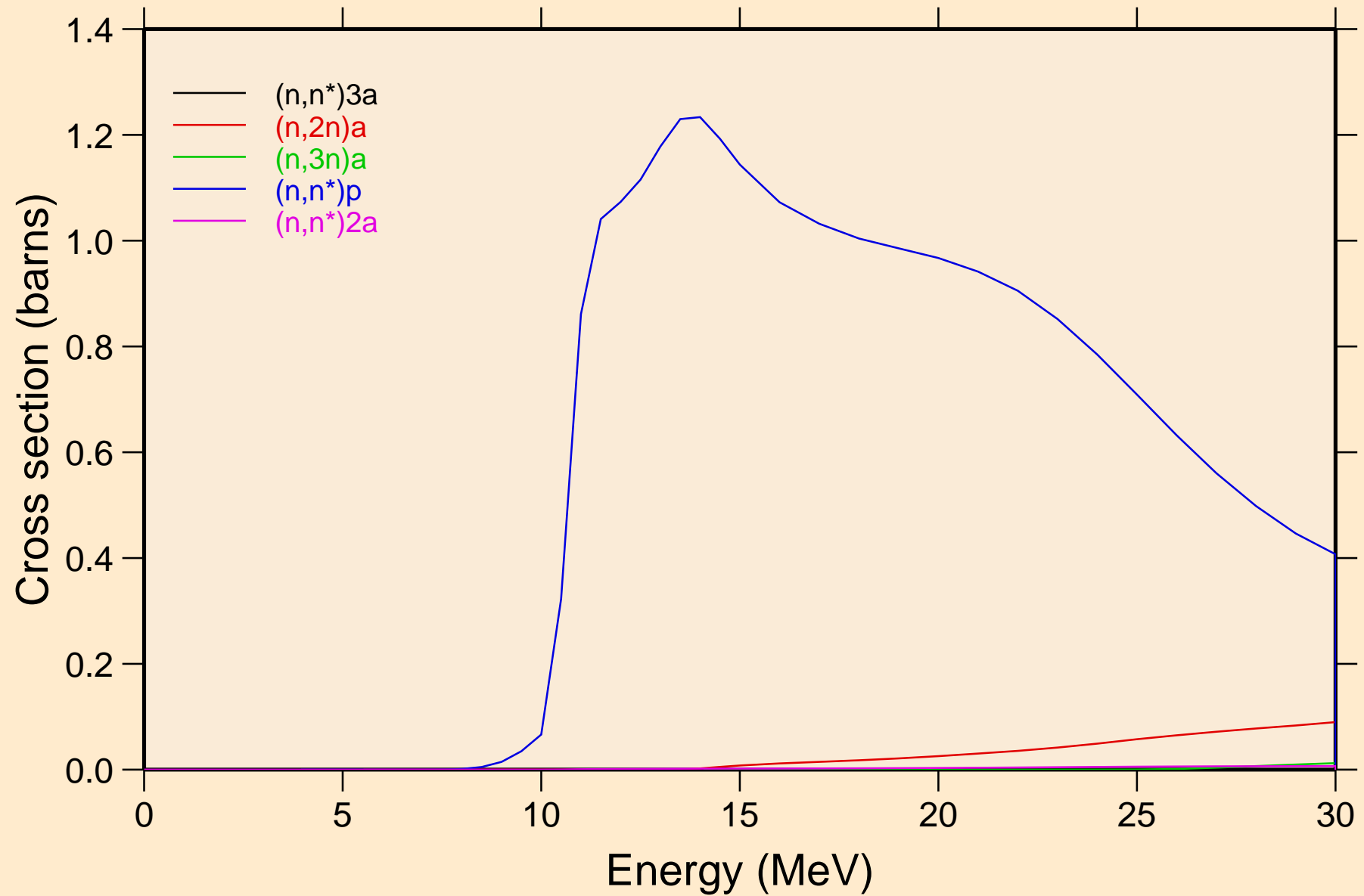
# YB156 NRG TENDL-2015, AKONING

## Threshold reactions



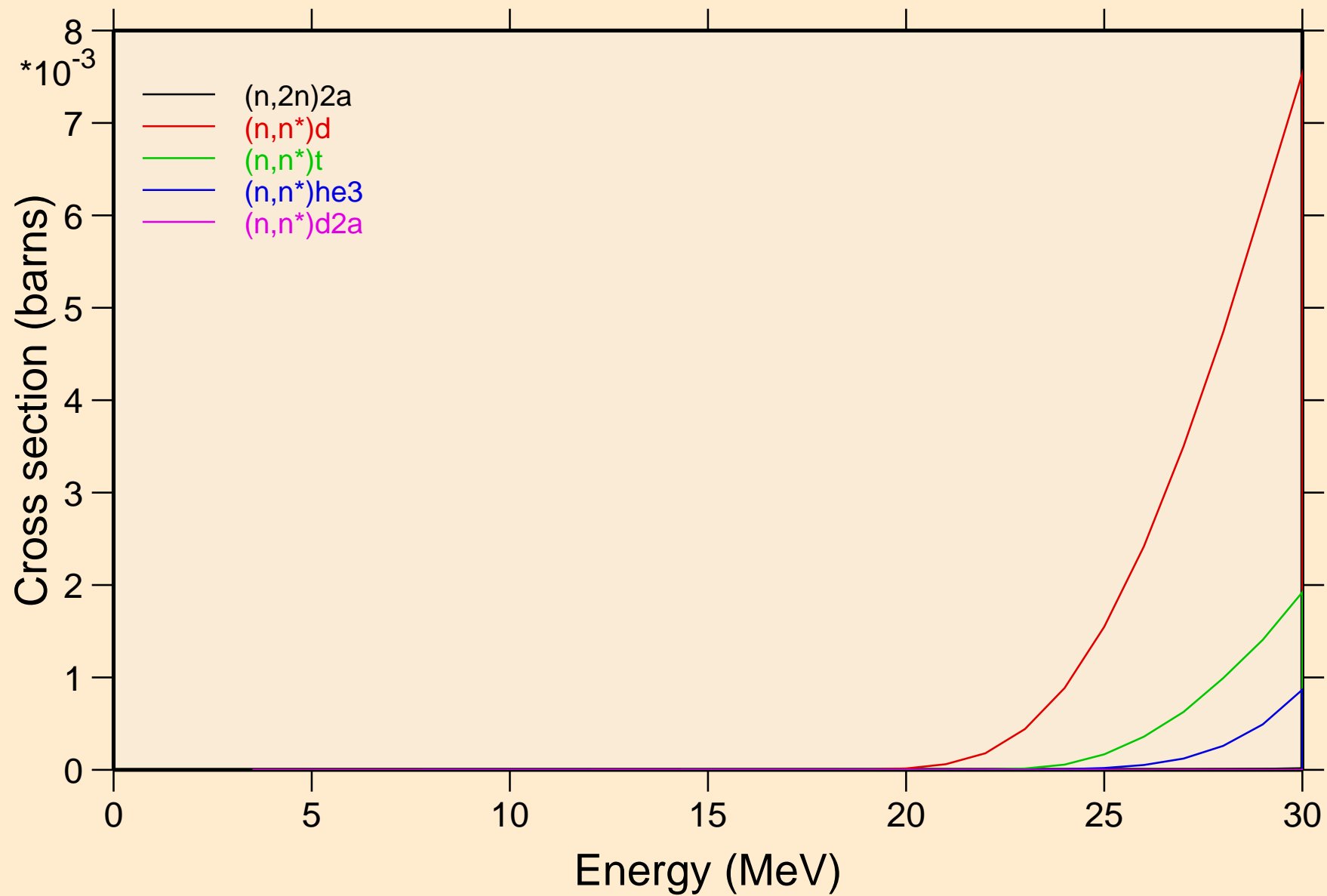
# YB156 NRG TENDL-2015, AKONING

## Threshold reactions



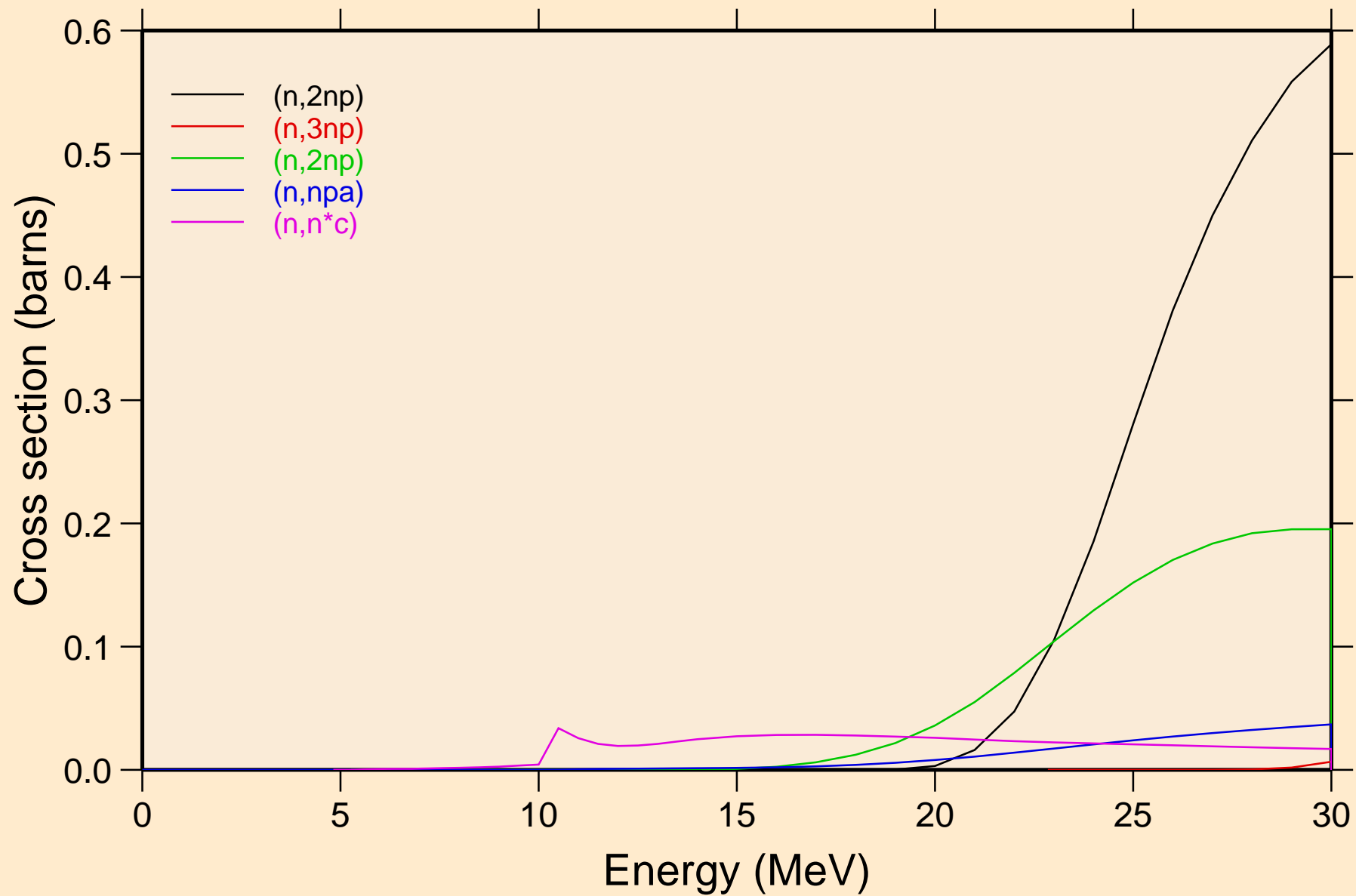
# YB156 NRG TENDL-2015, AKONING

## Threshold reactions



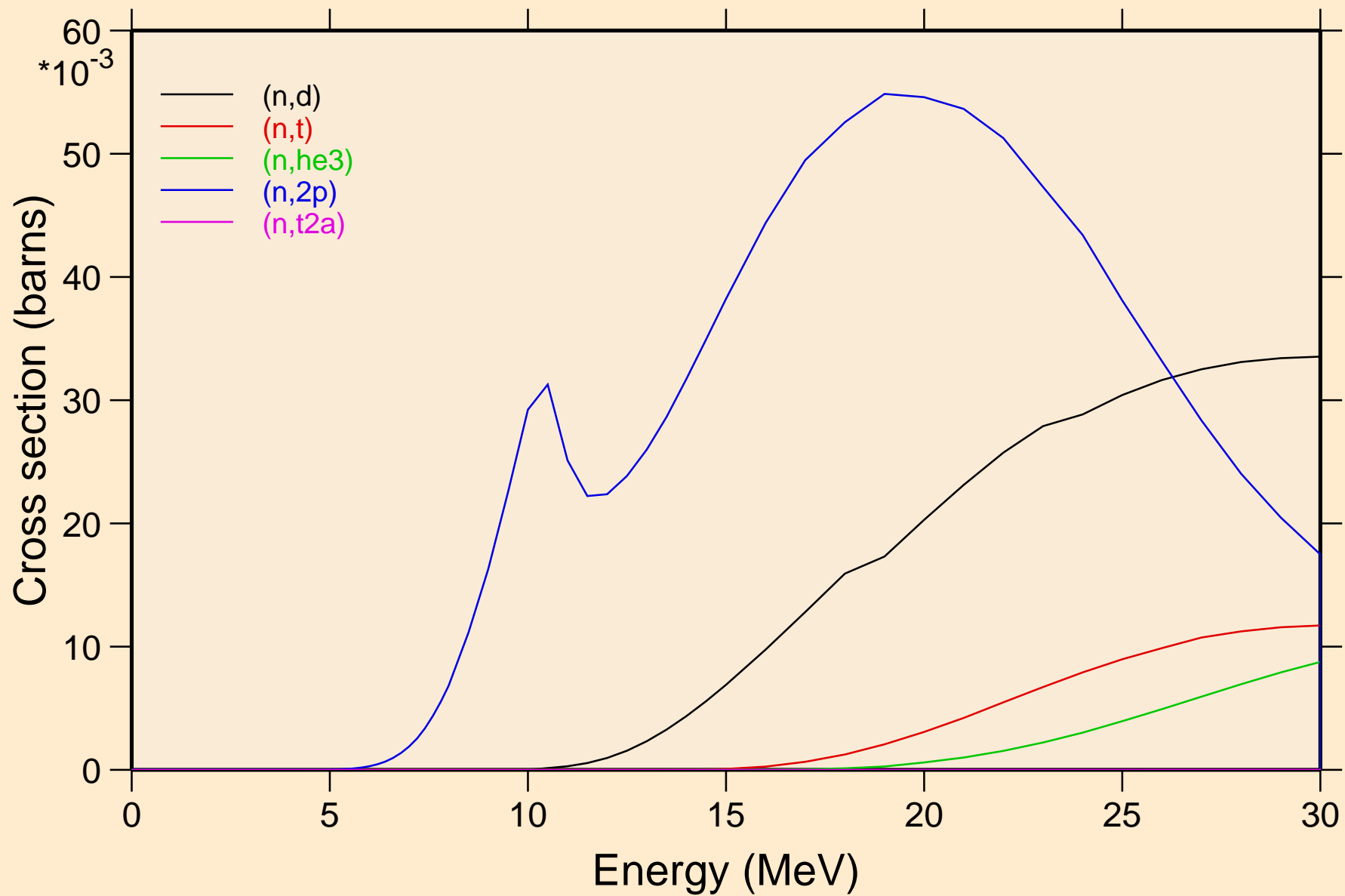
# YB156 NRG TENDL-2015, AKONING

## Threshold reactions



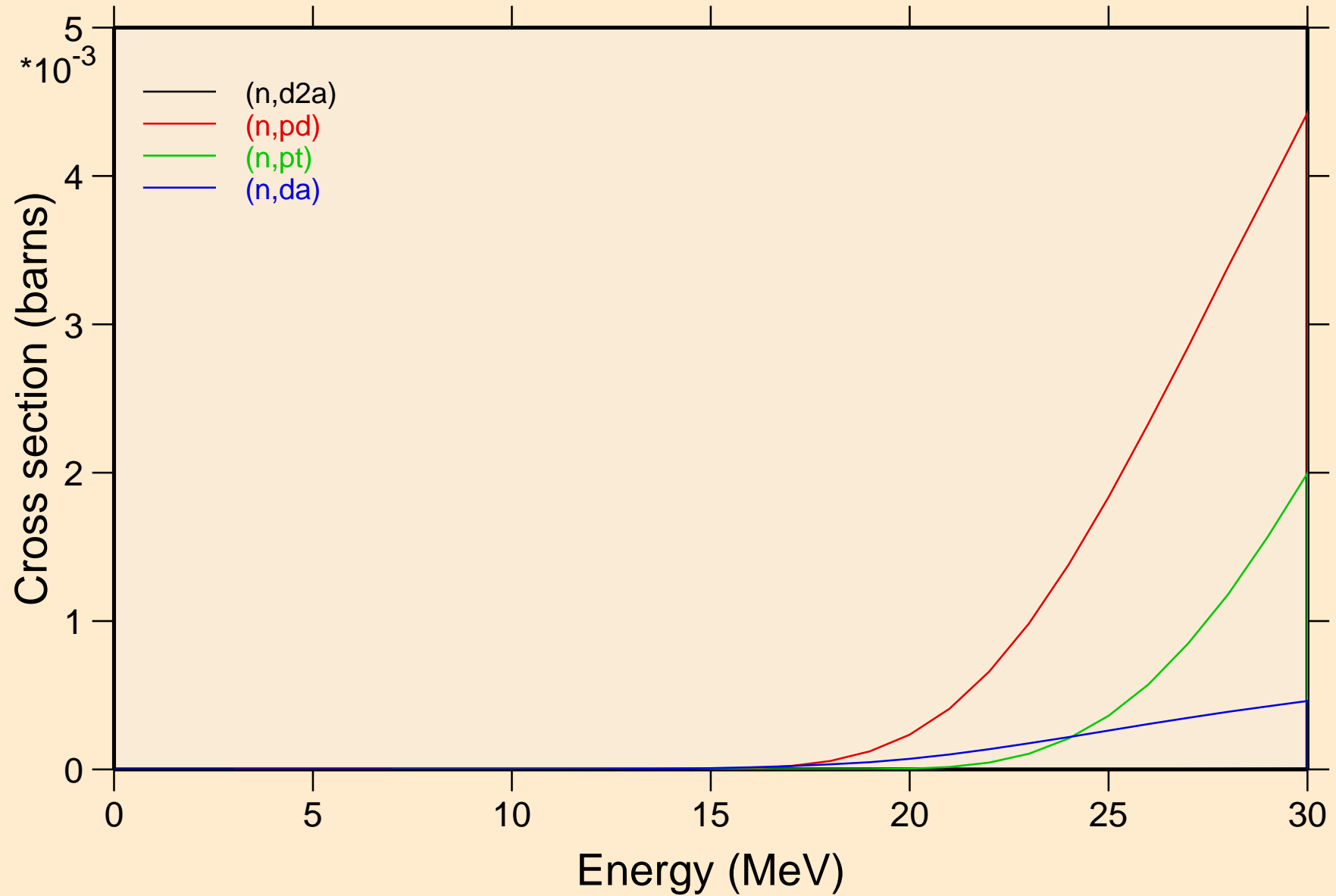
# YB156 NRG TENDL-2015, AKONING

## Threshold reactions

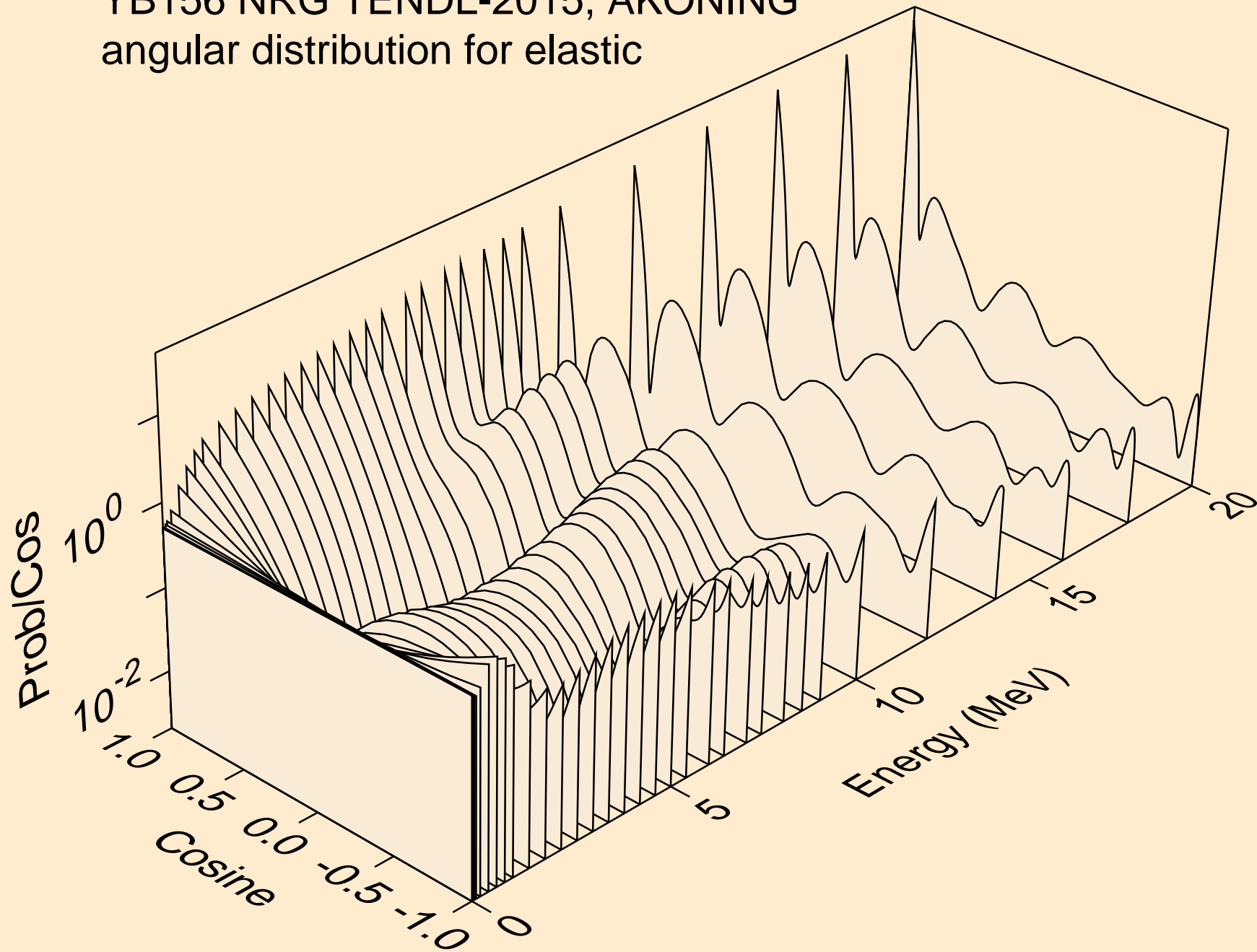


# YB156 NRG TENDL-2015, AKONING

## Threshold reactions

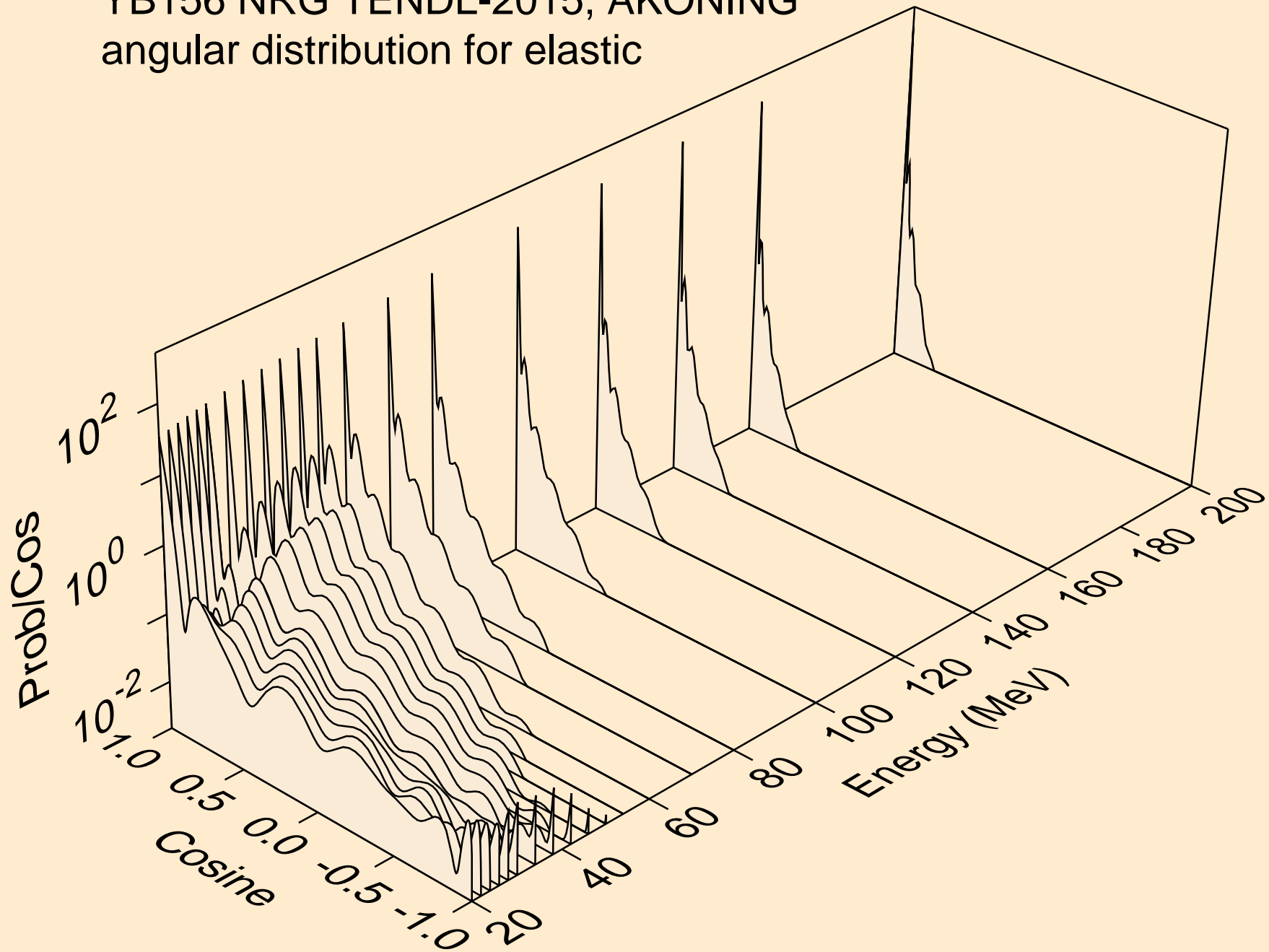


YB156 NRG TENDL-2015, AKONING  
angular distribution for elastic

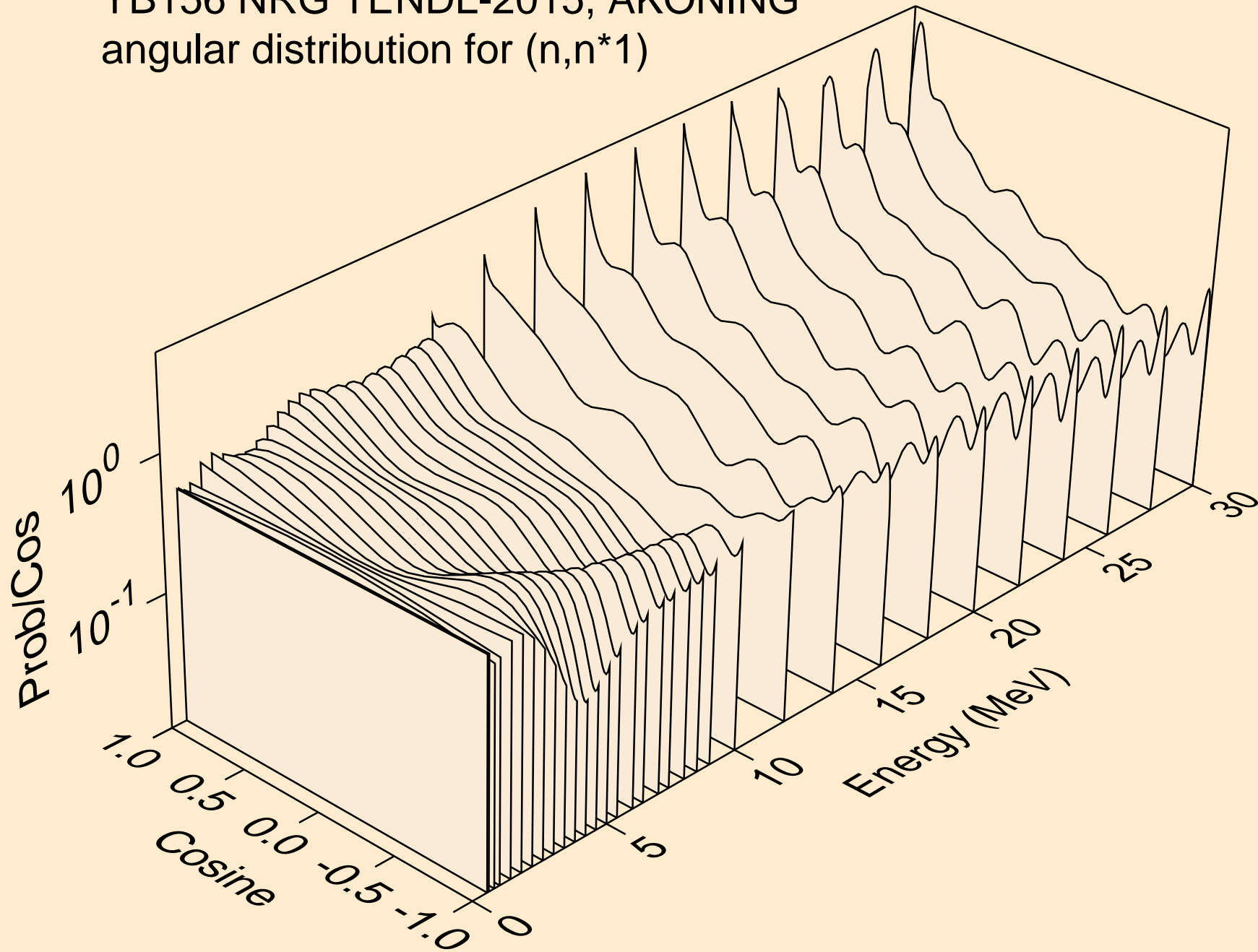




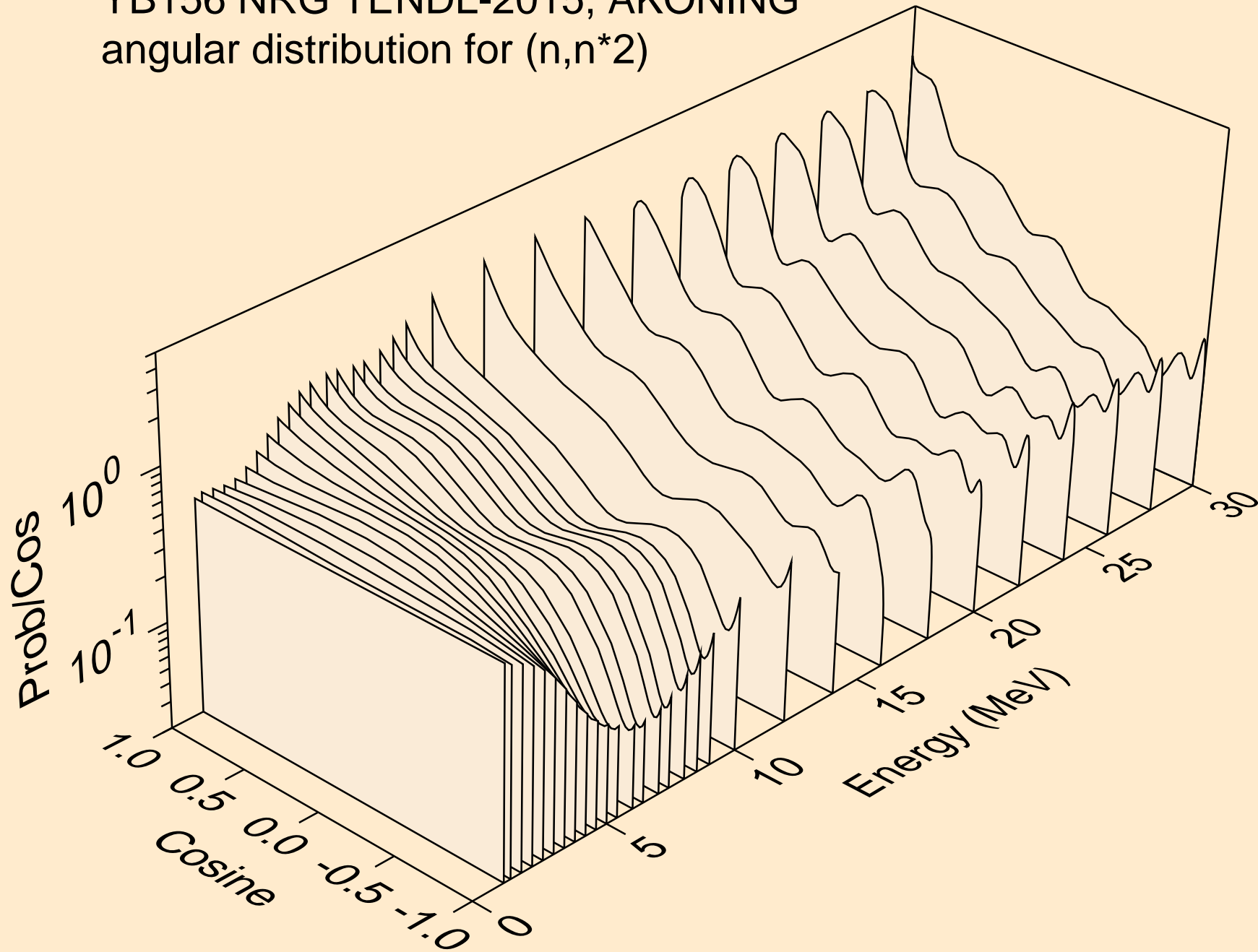
YB156 NRG TENDL-2015, AKONING  
angular distribution for elastic



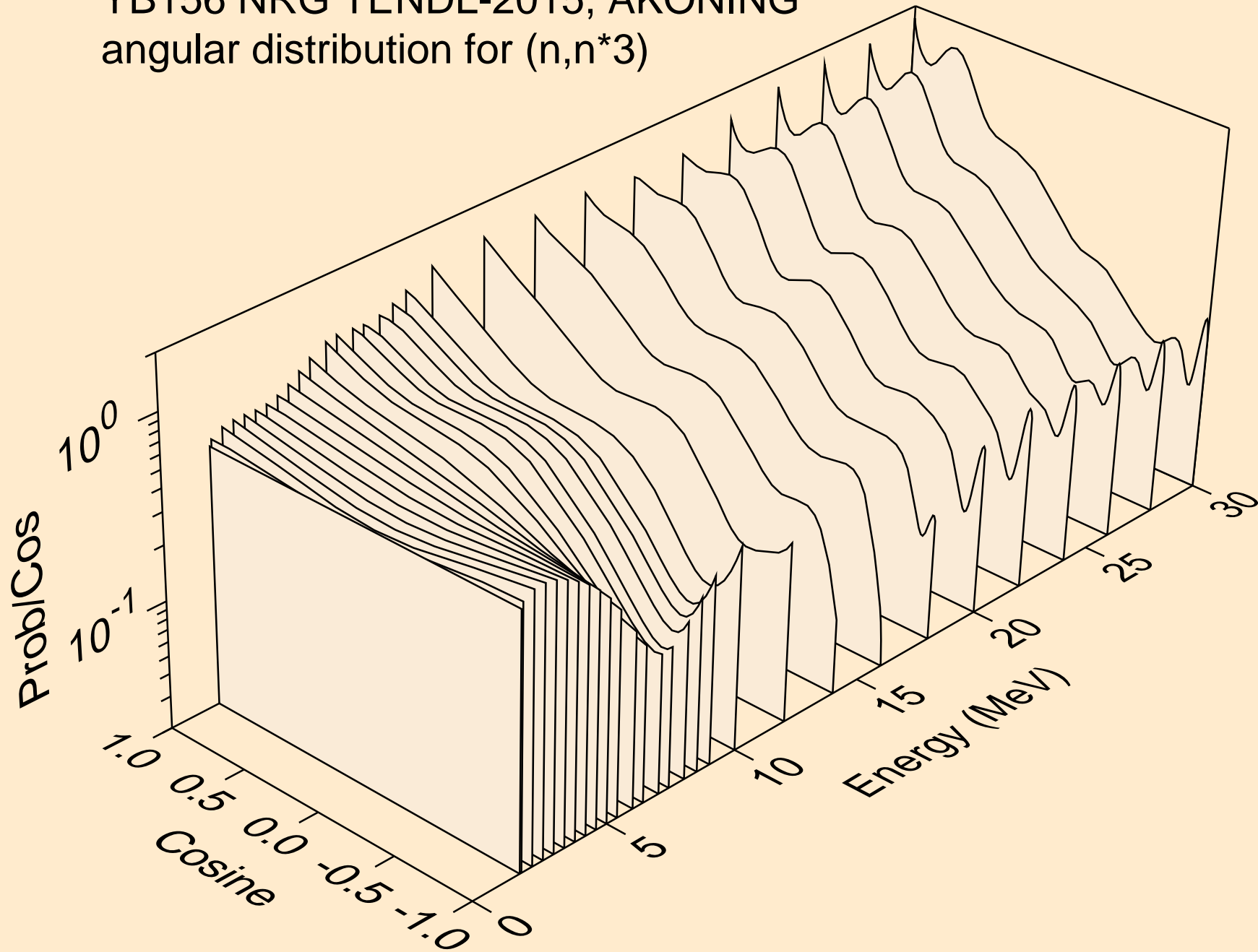
YB156 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



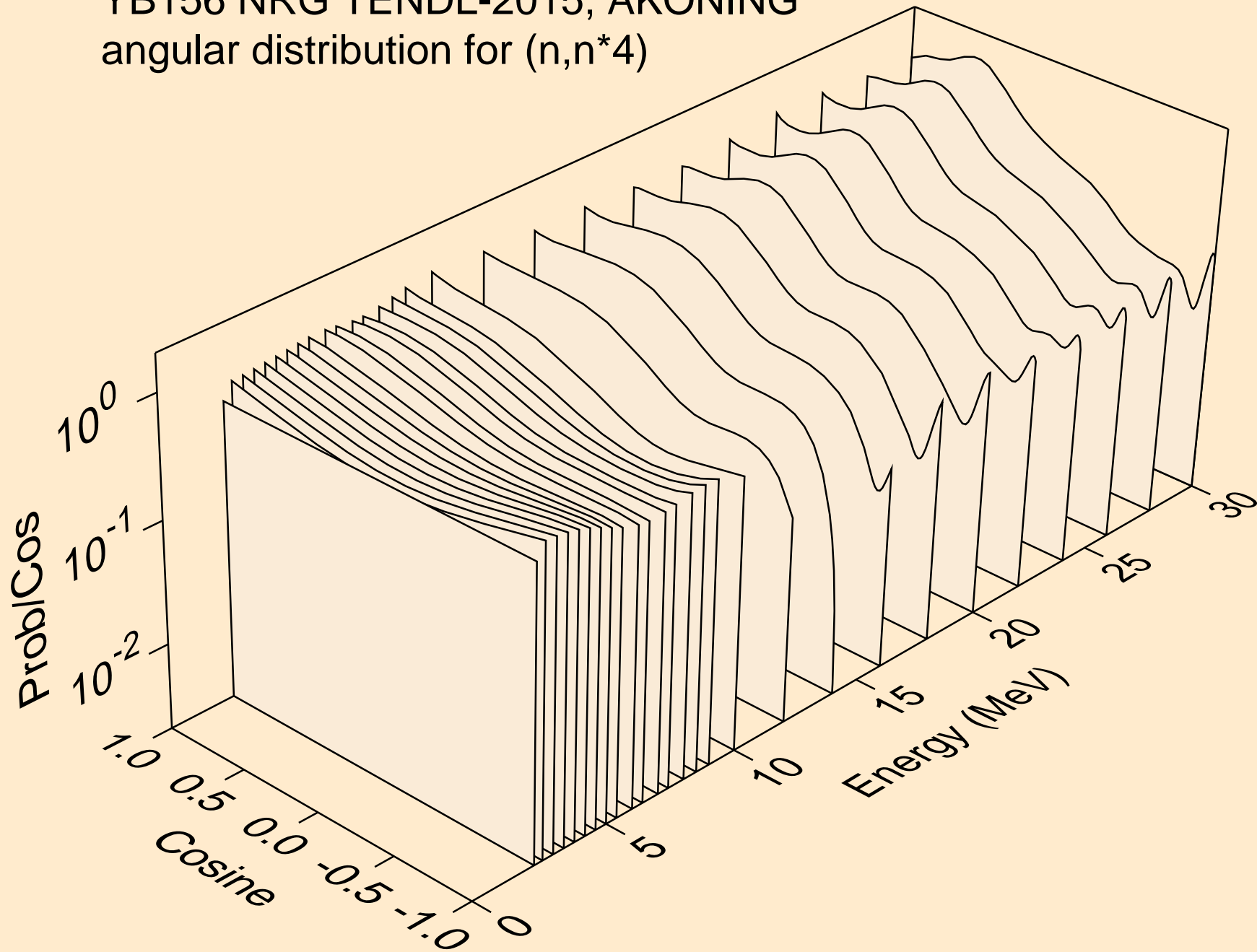
YB156 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



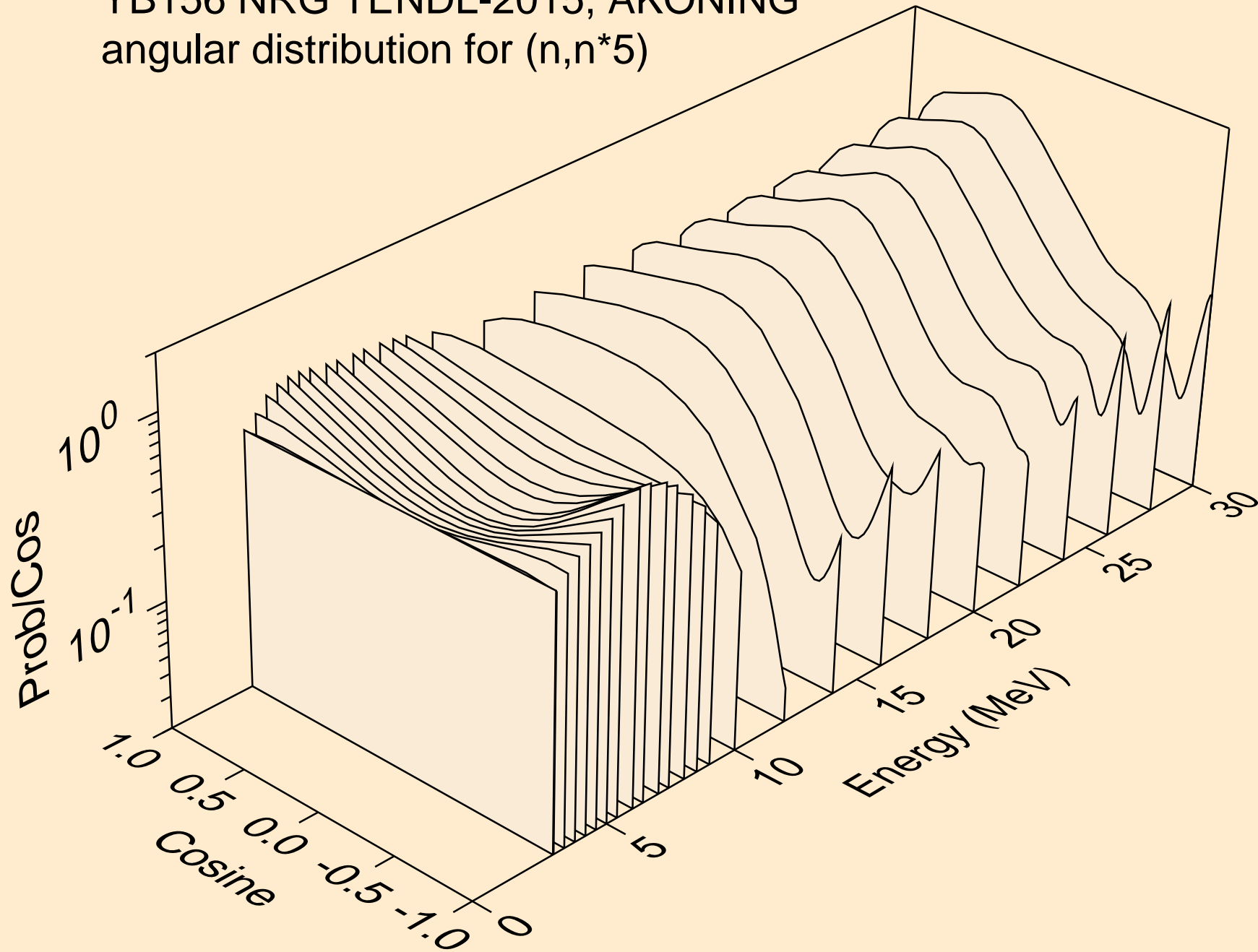
YB156 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



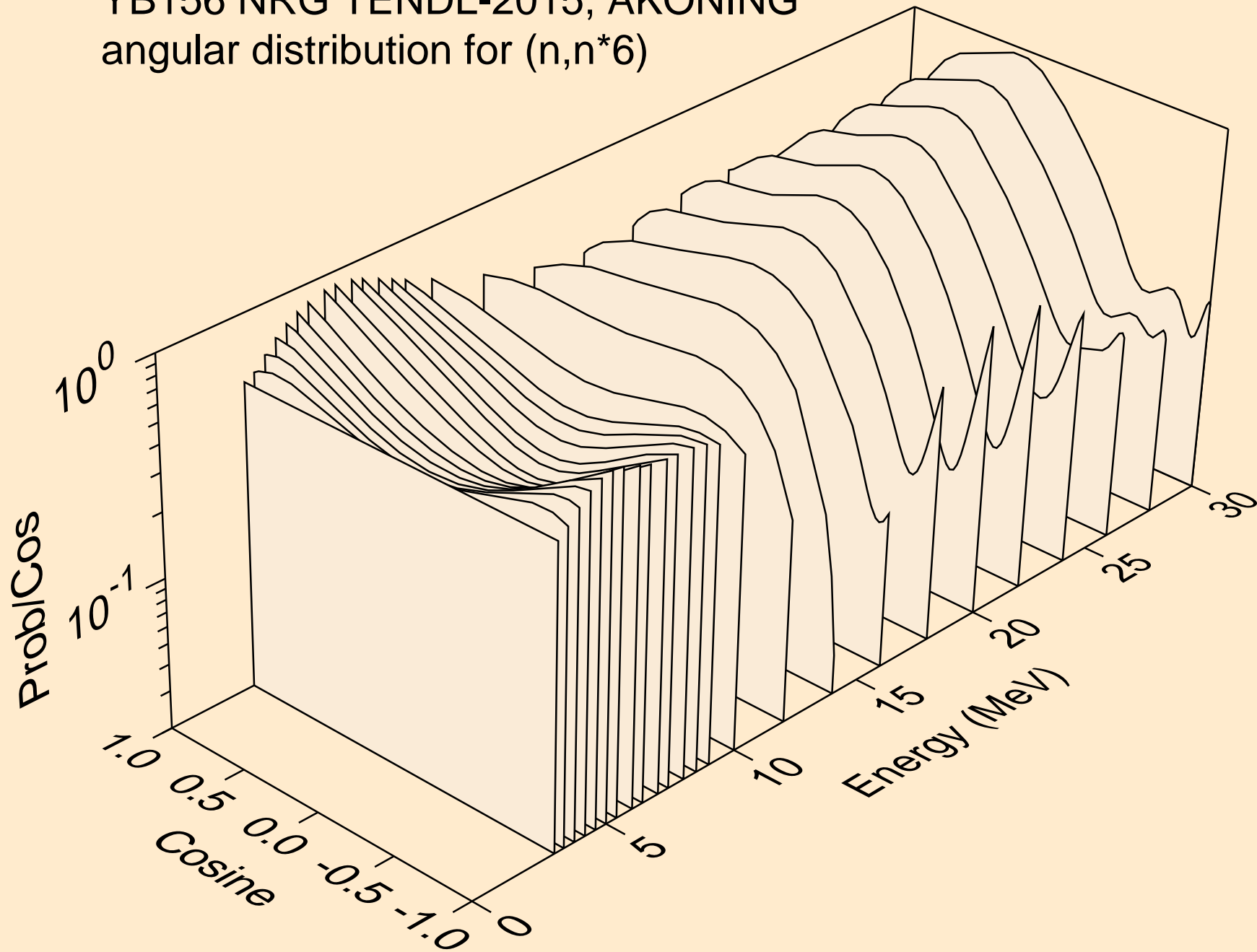
YB156 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



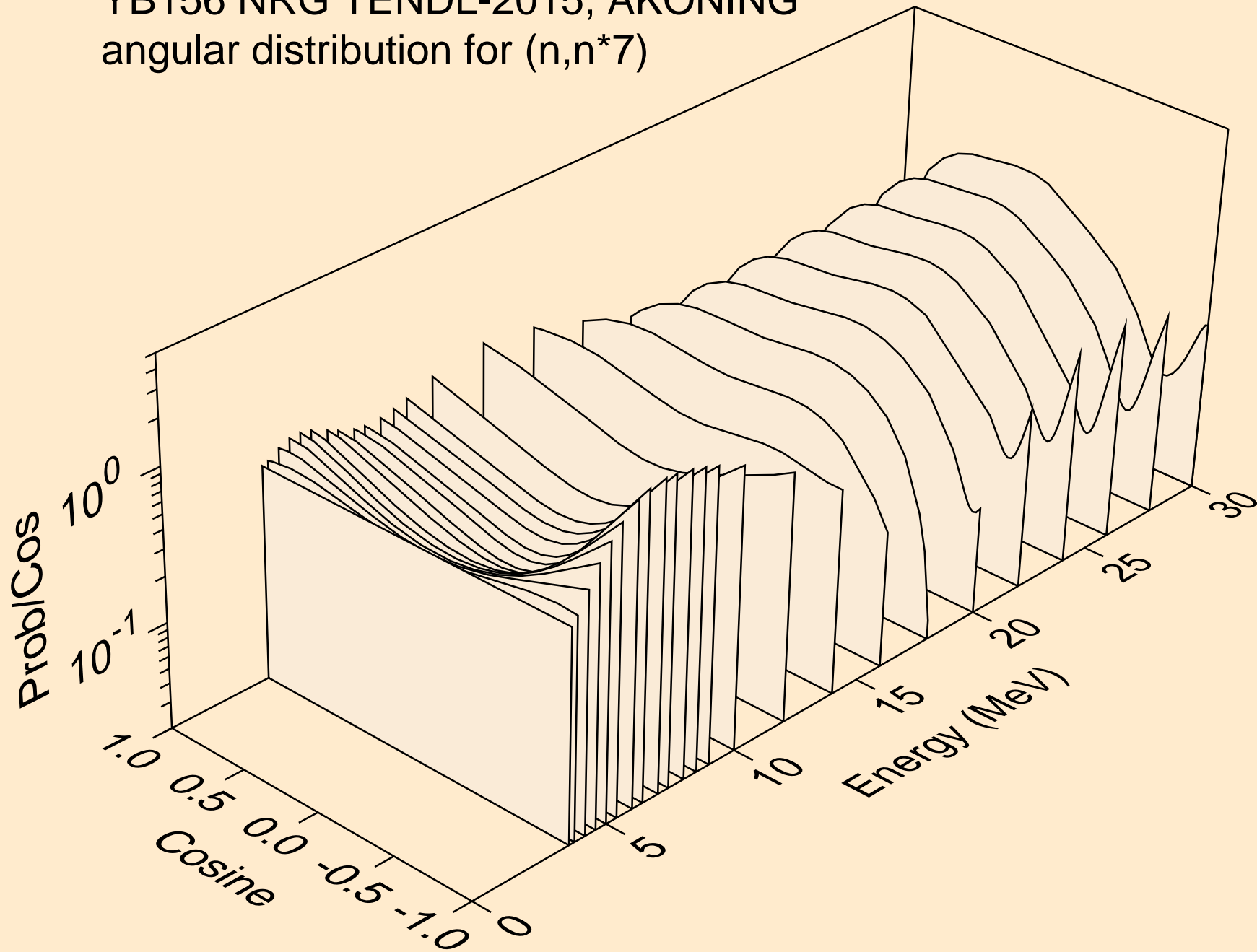
YB156 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



YB156 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

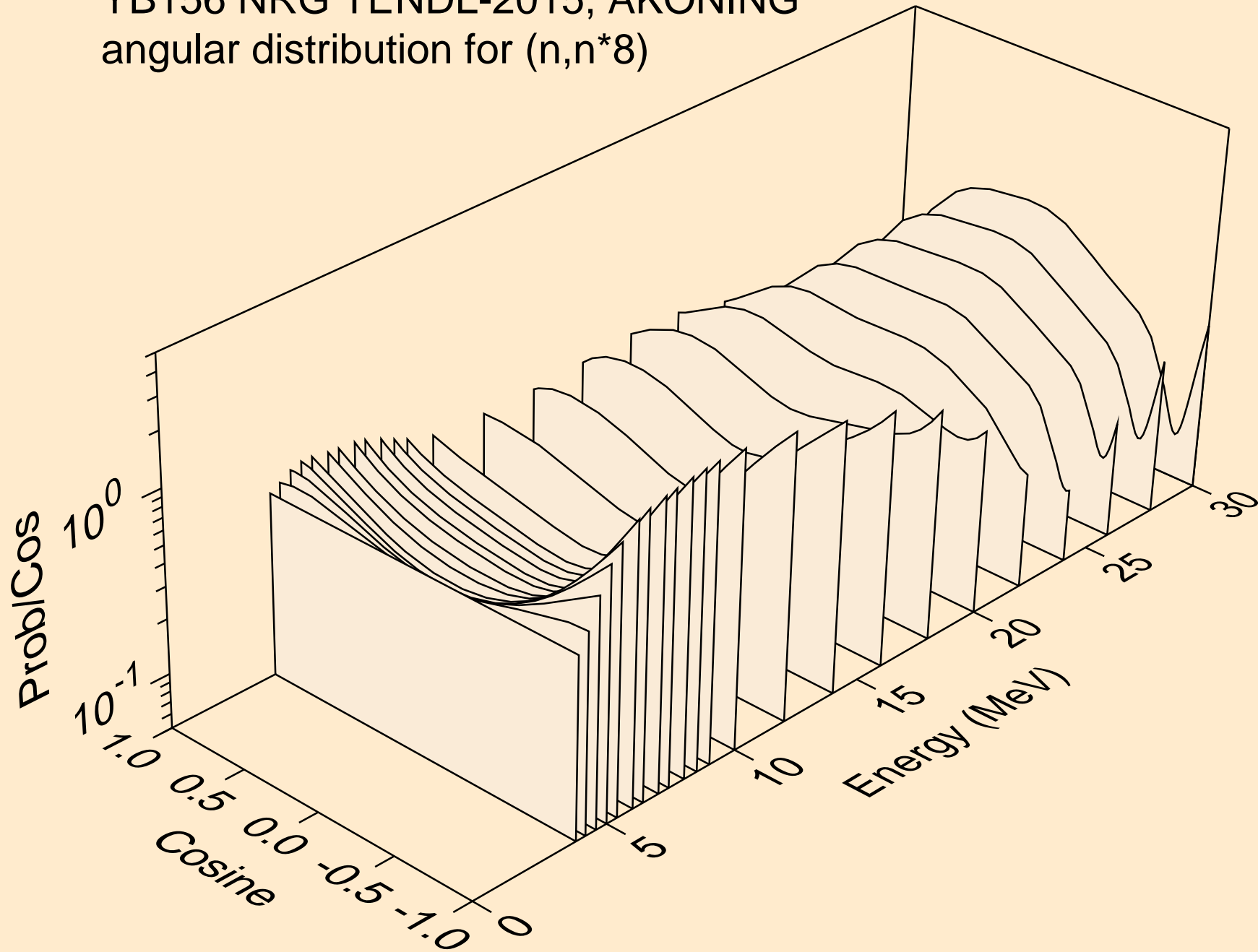


YB156 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

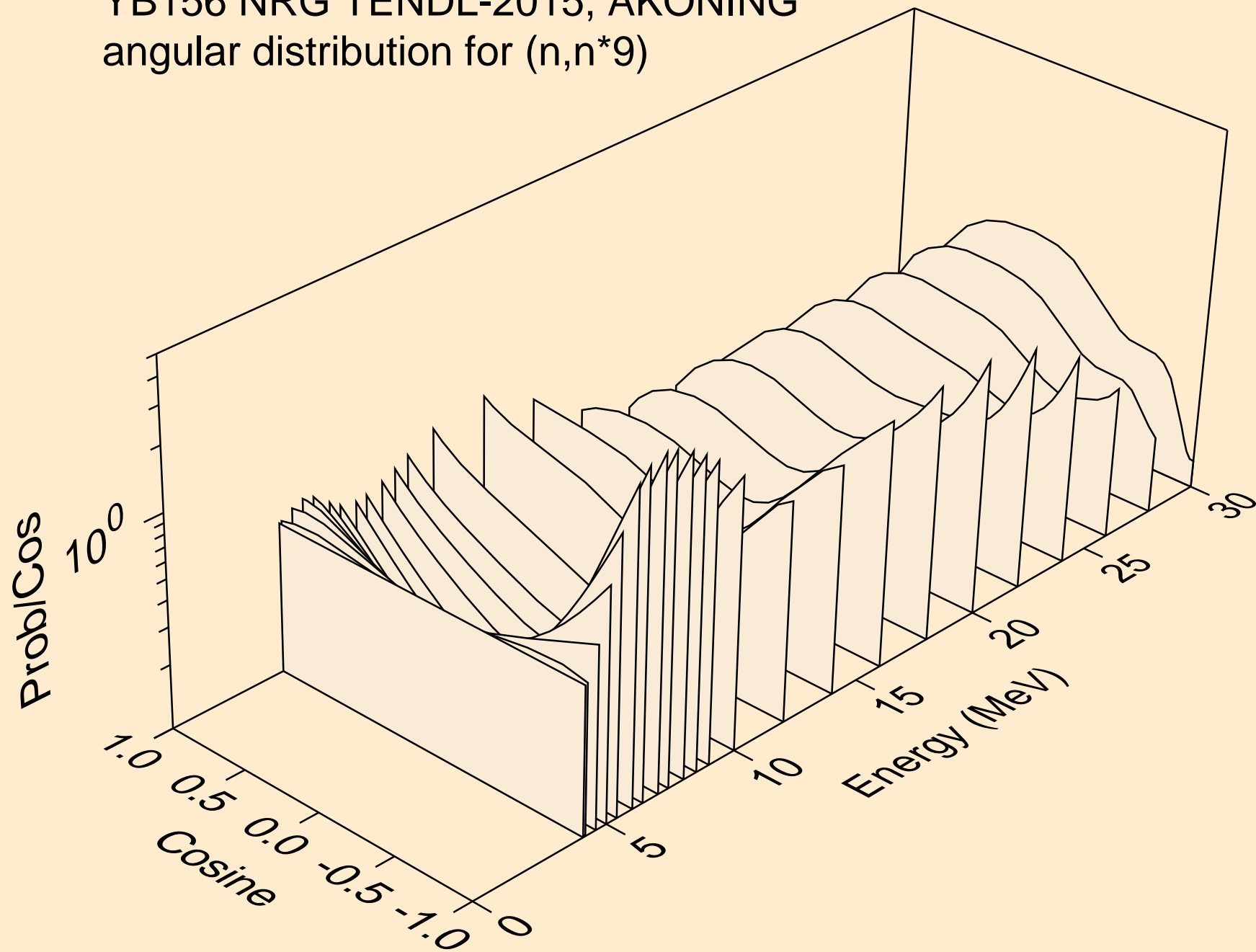




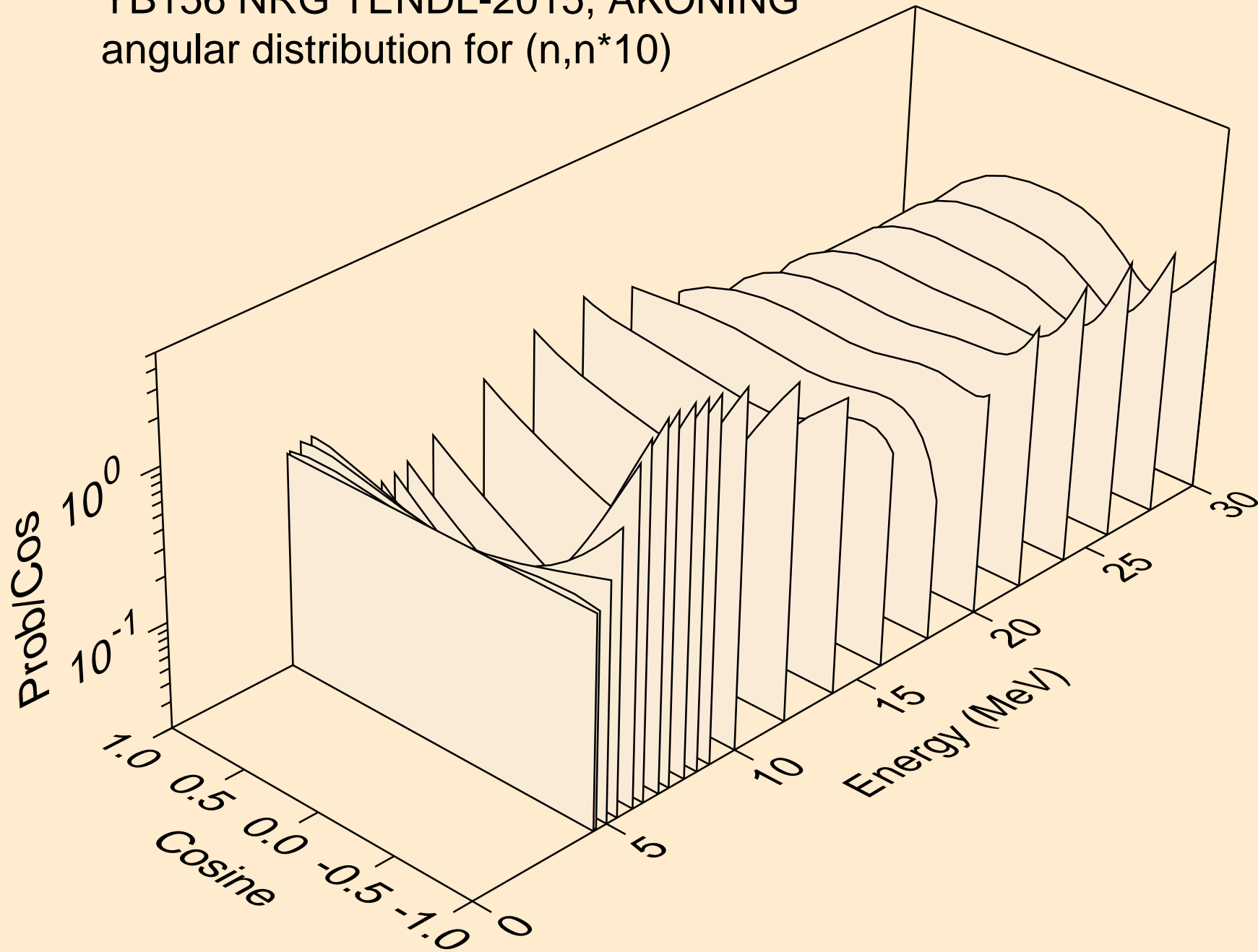
YB156 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



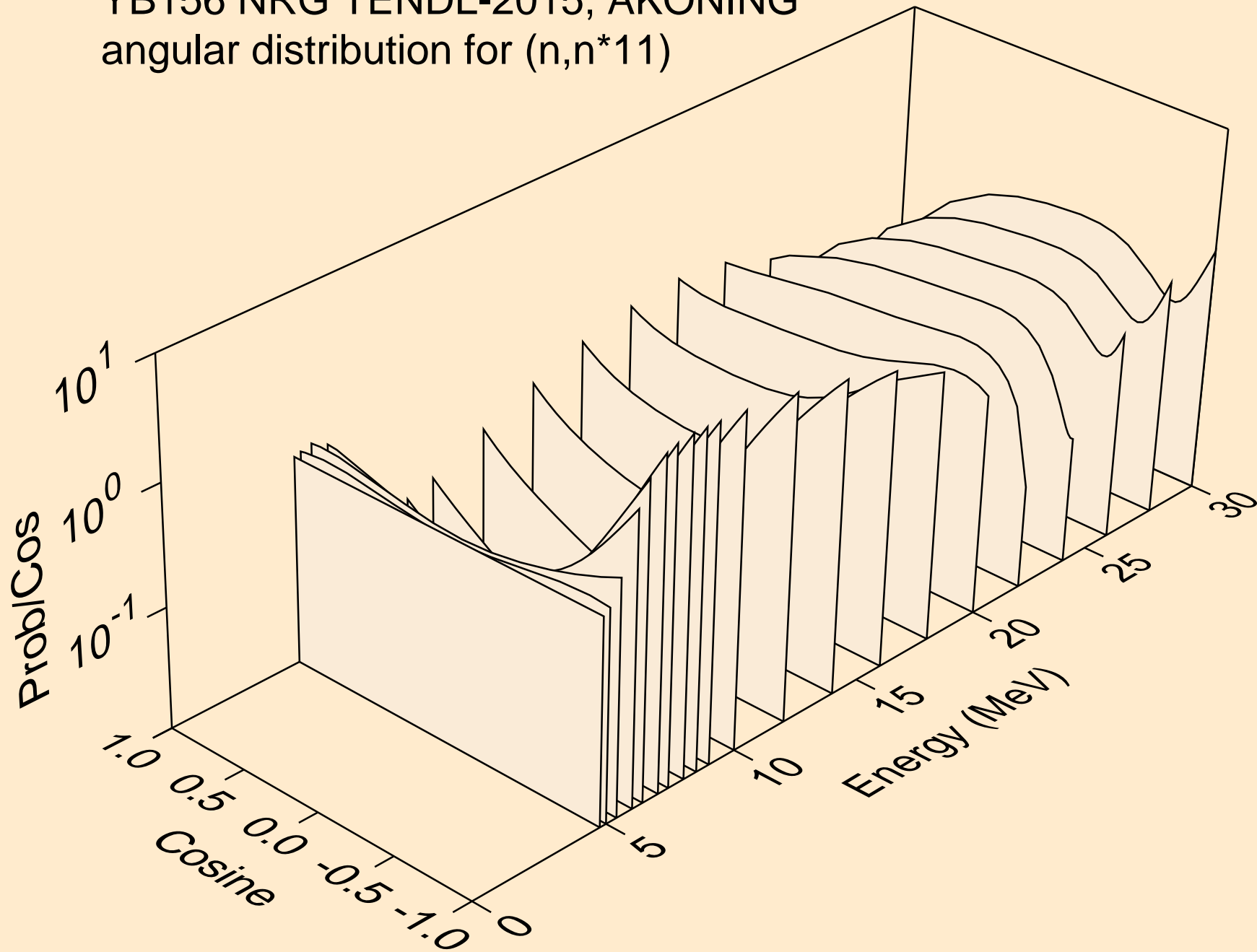
YB156 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



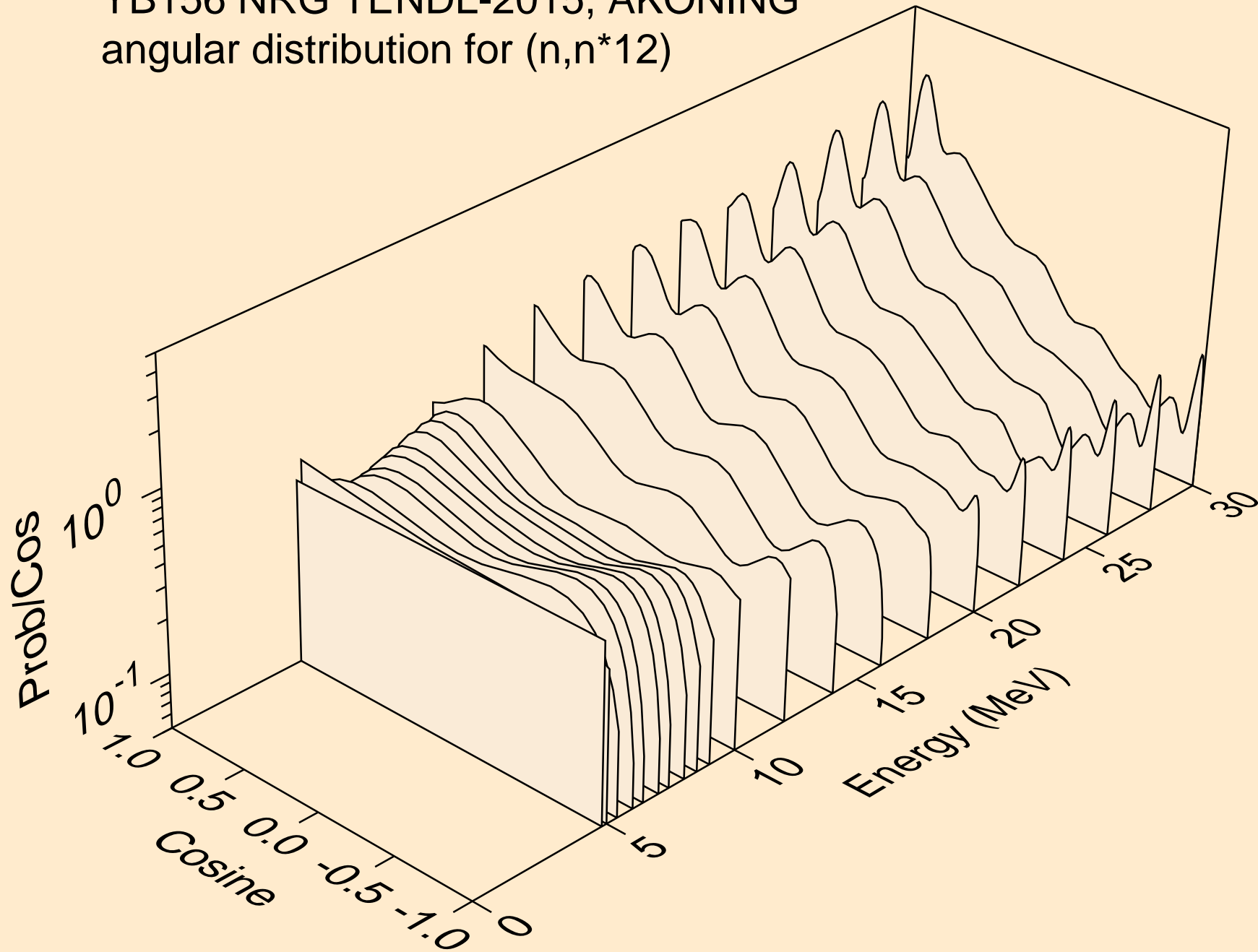
YB156 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



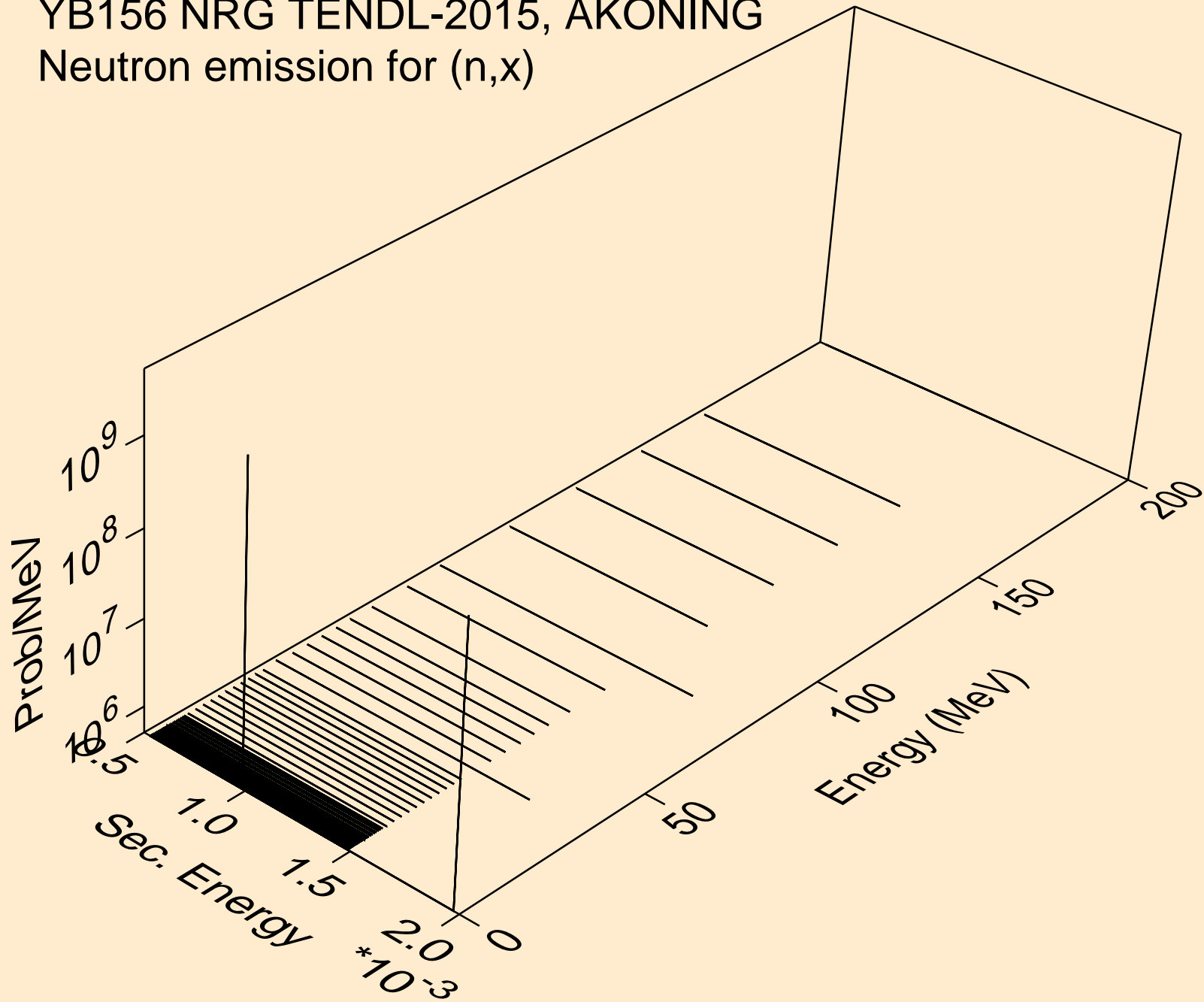
YB156 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



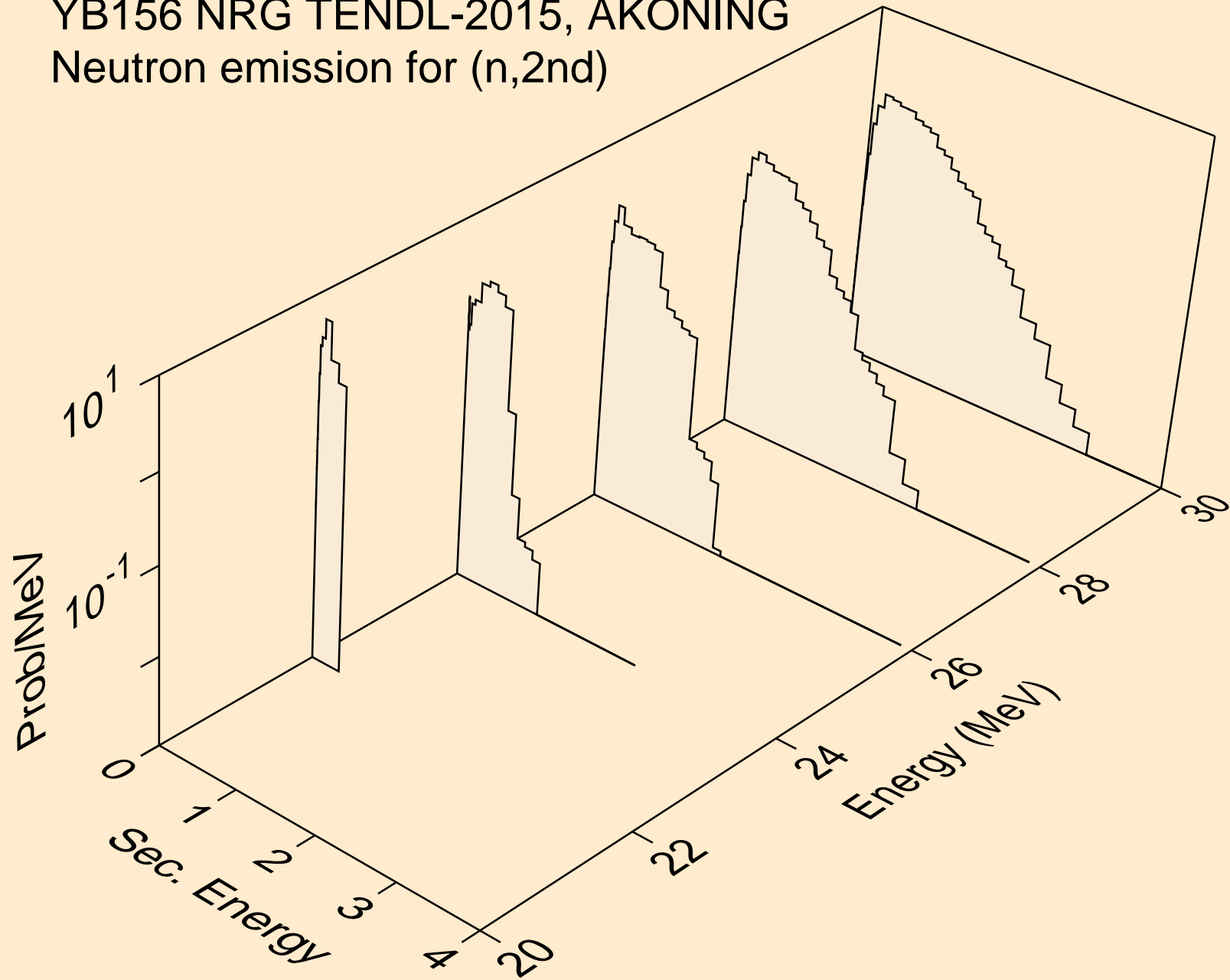
YB156 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



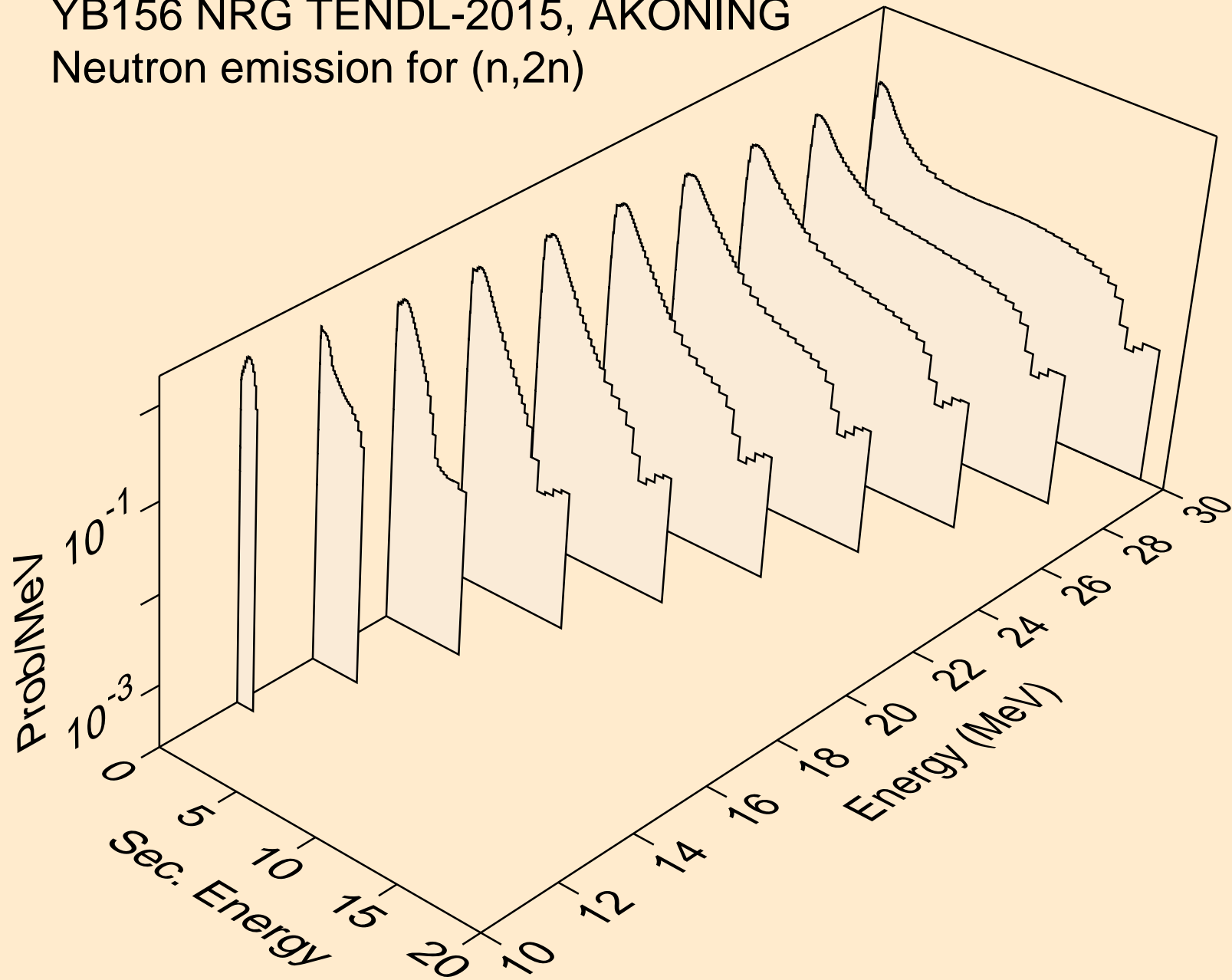
YB156 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



YB156 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

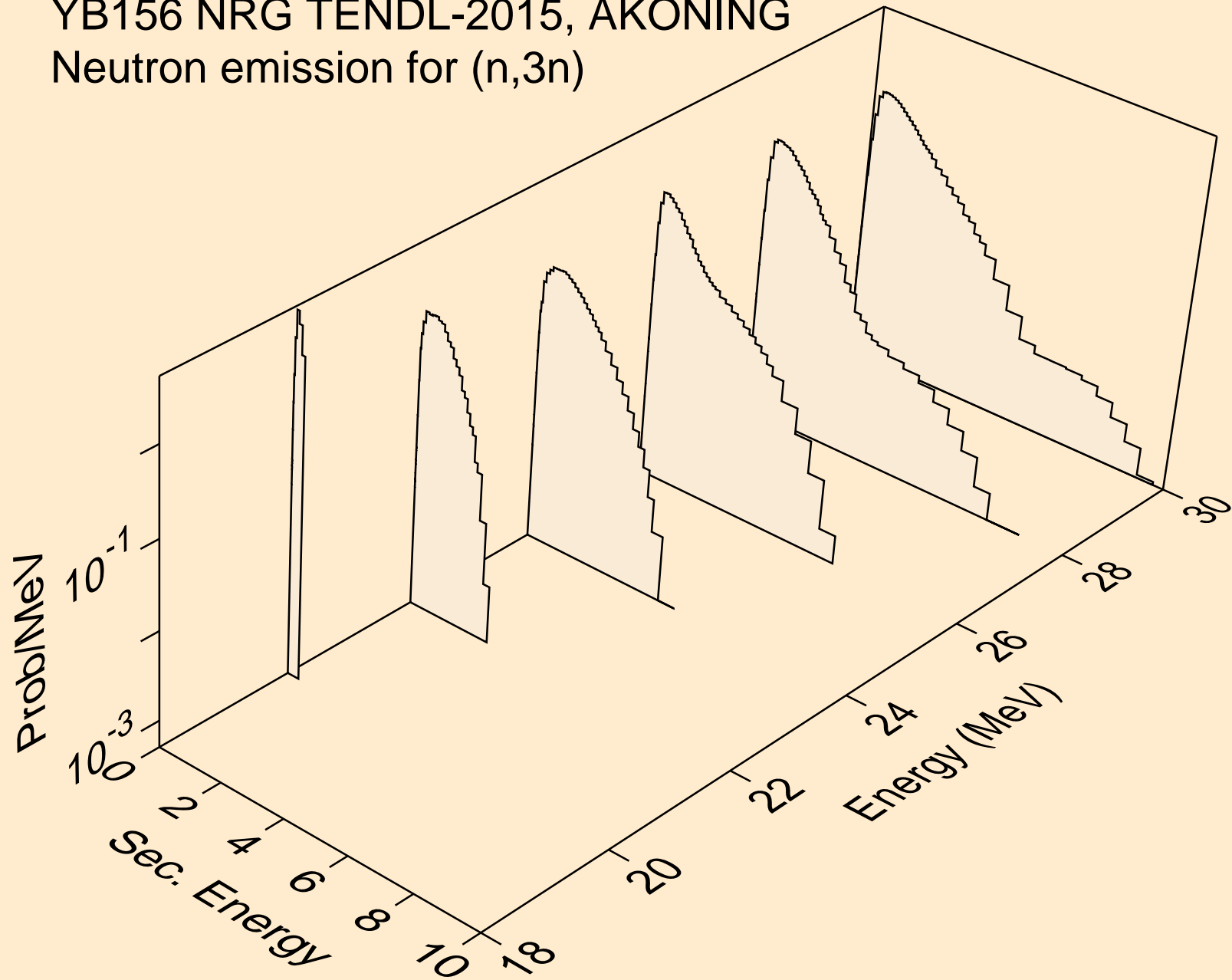


YB156 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

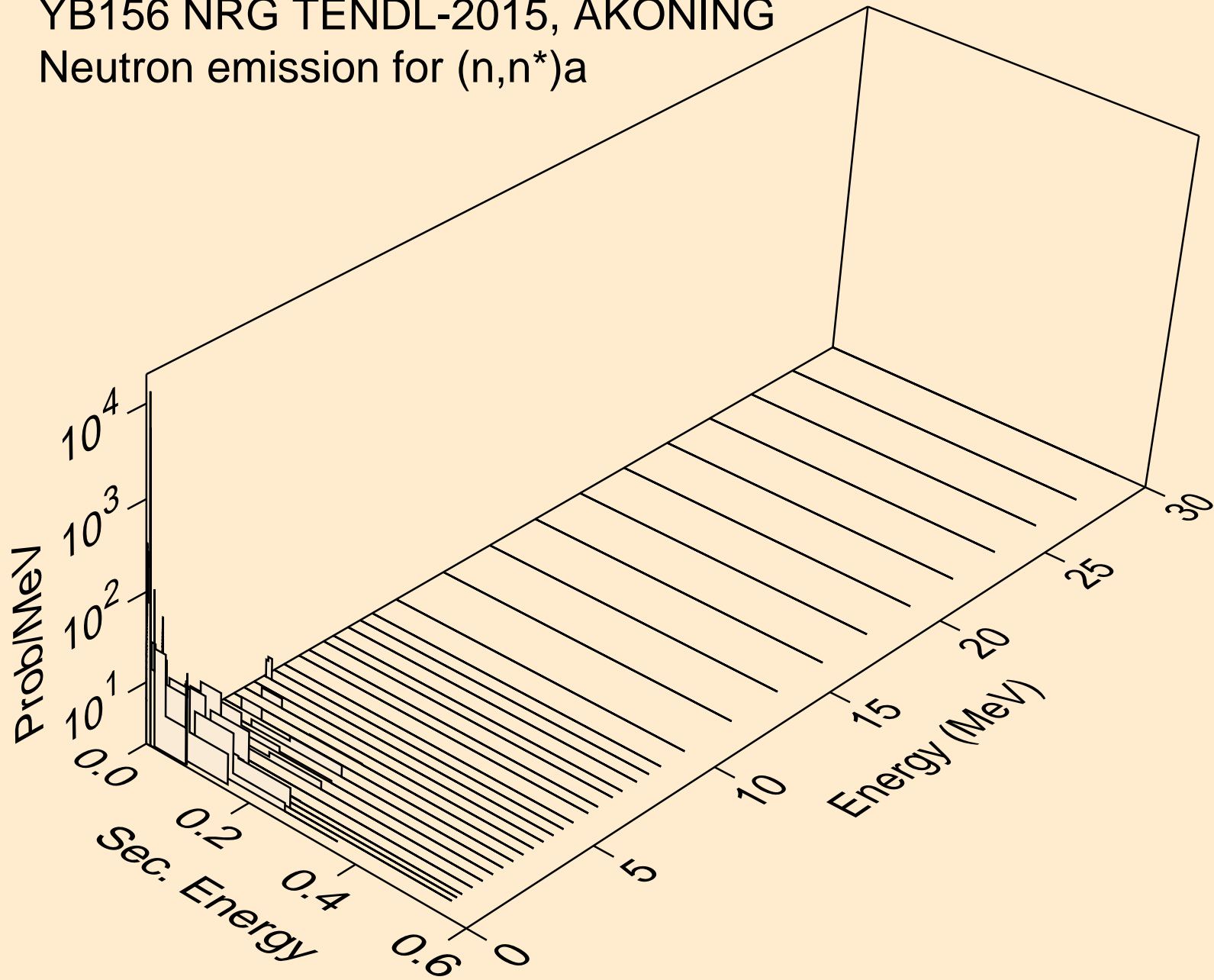




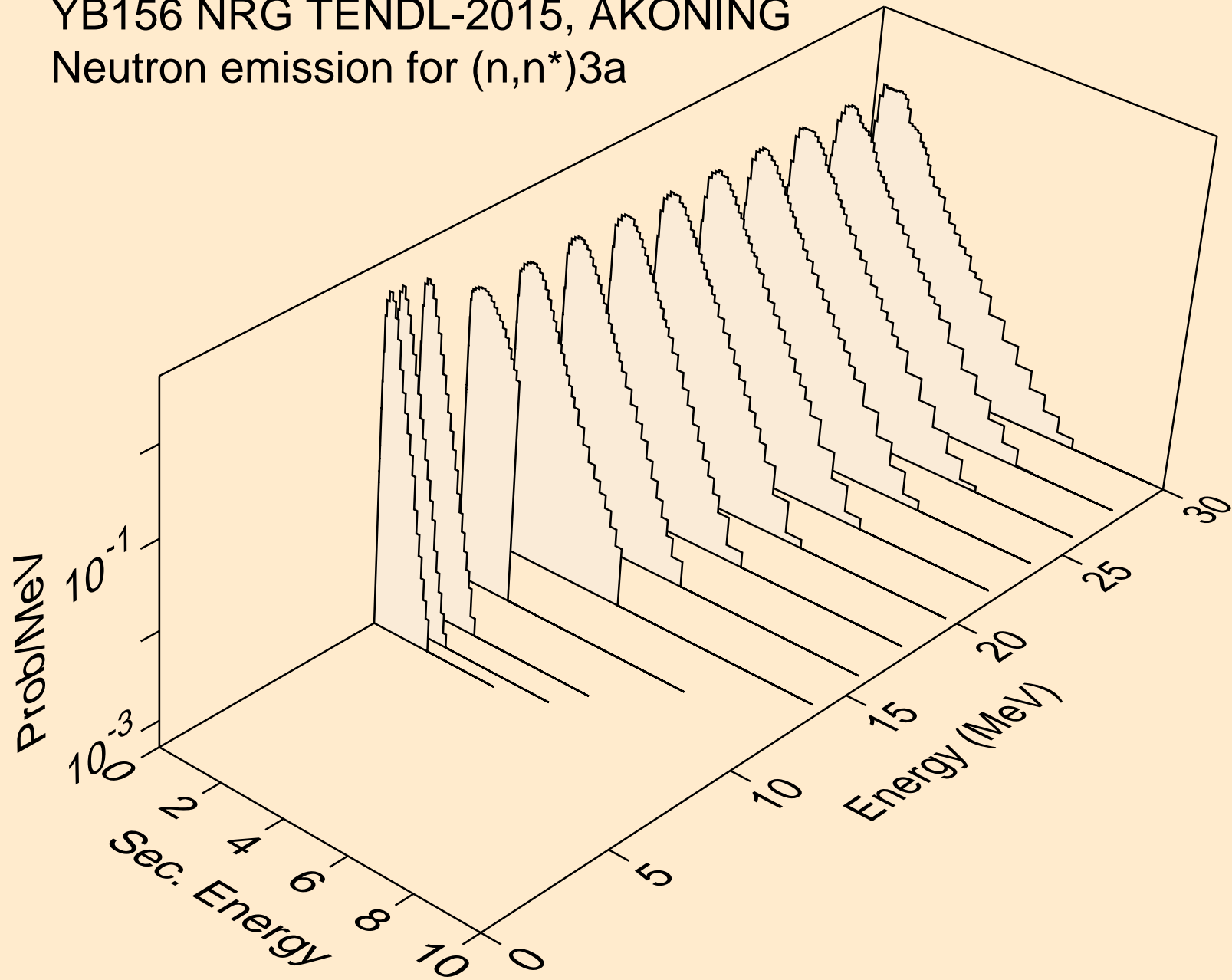
YB156 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



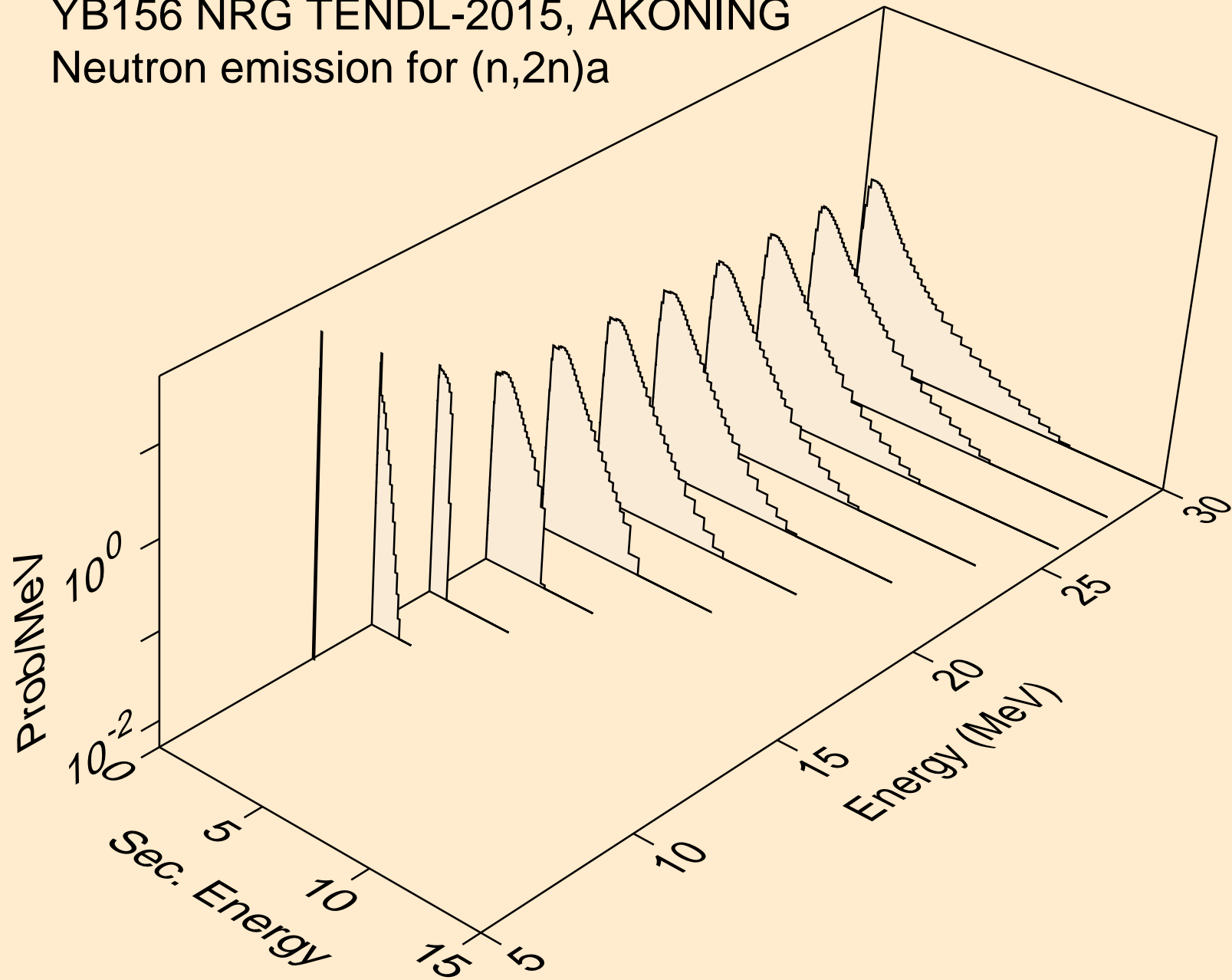
YB156 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



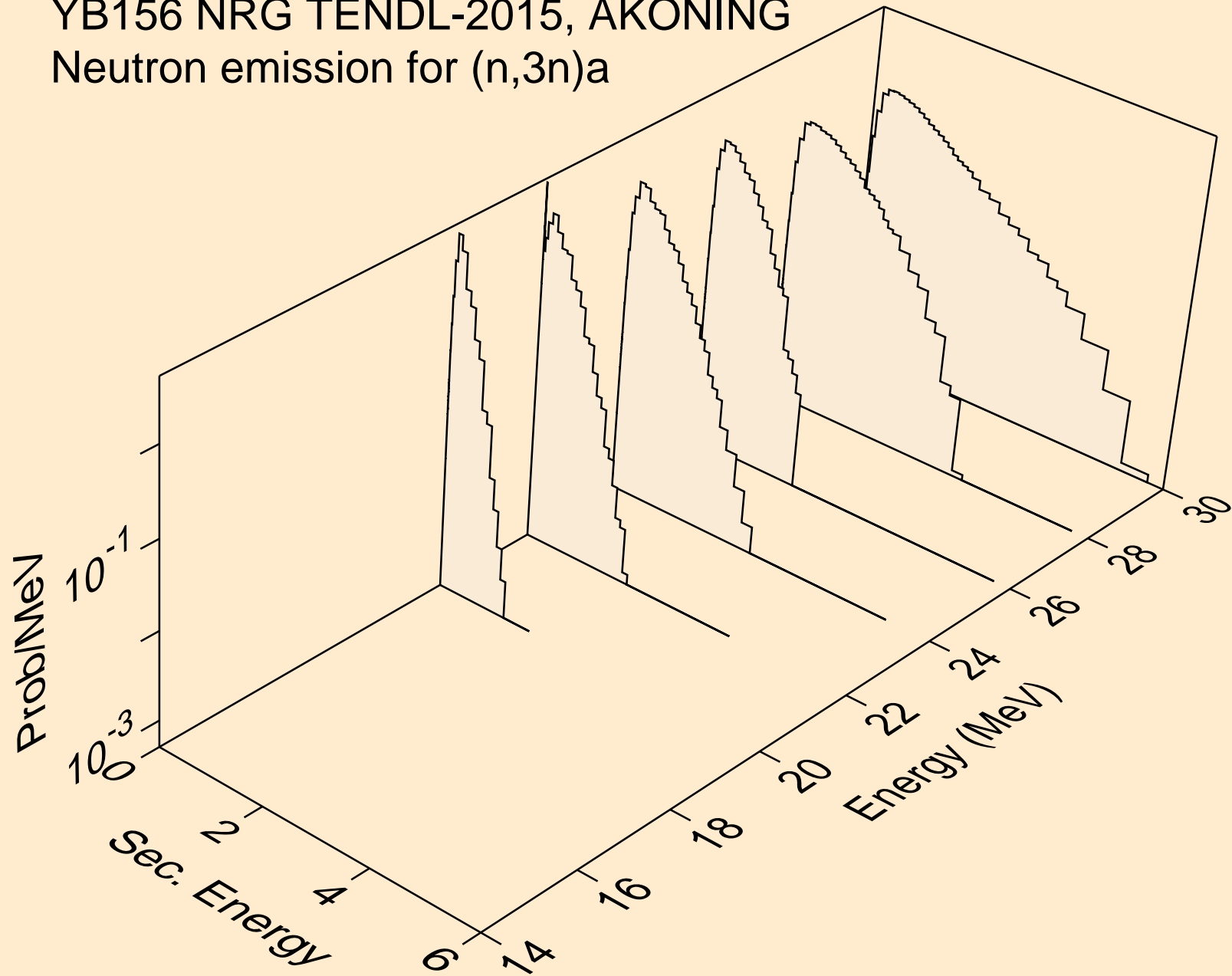
YB156 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a



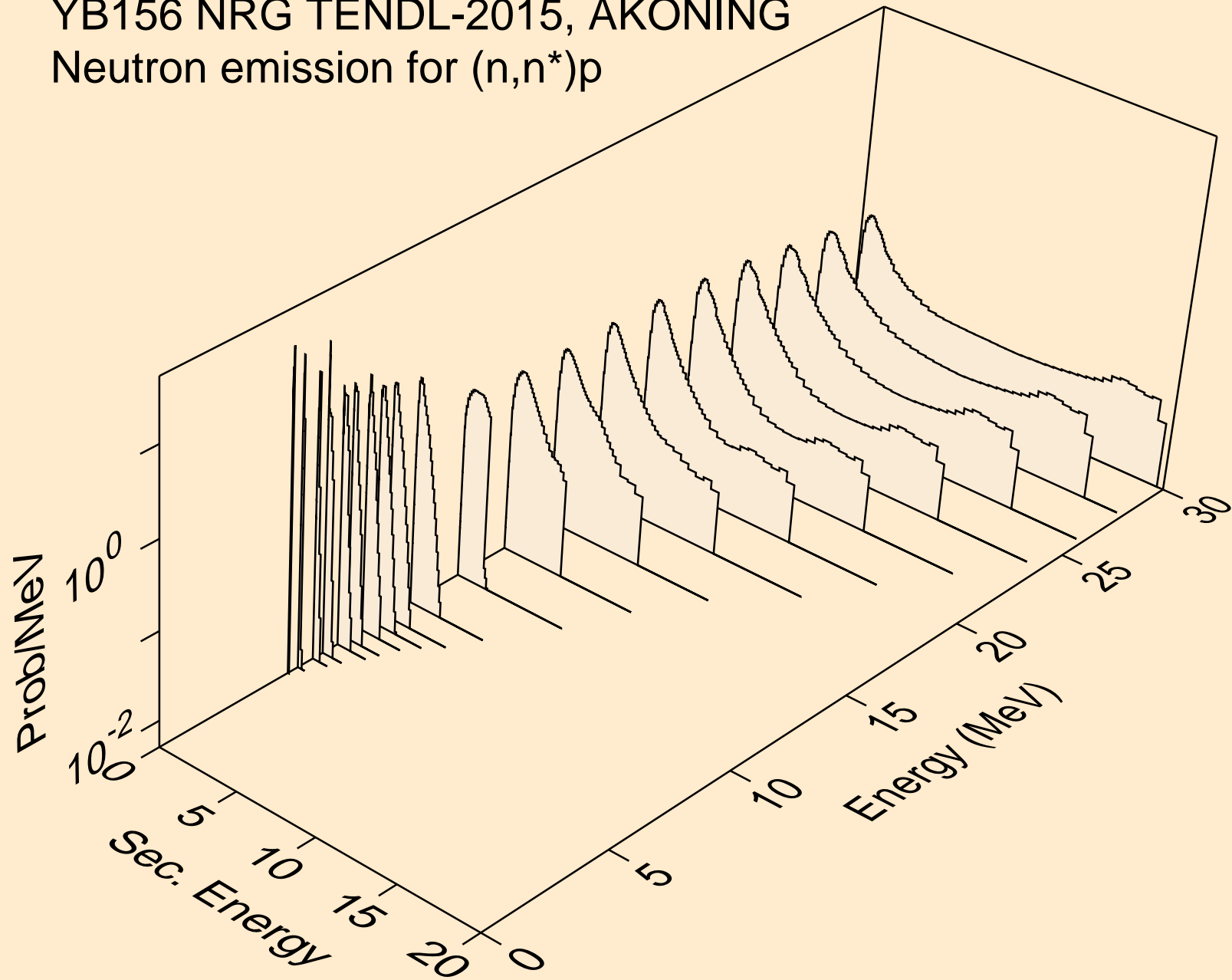
YB156 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



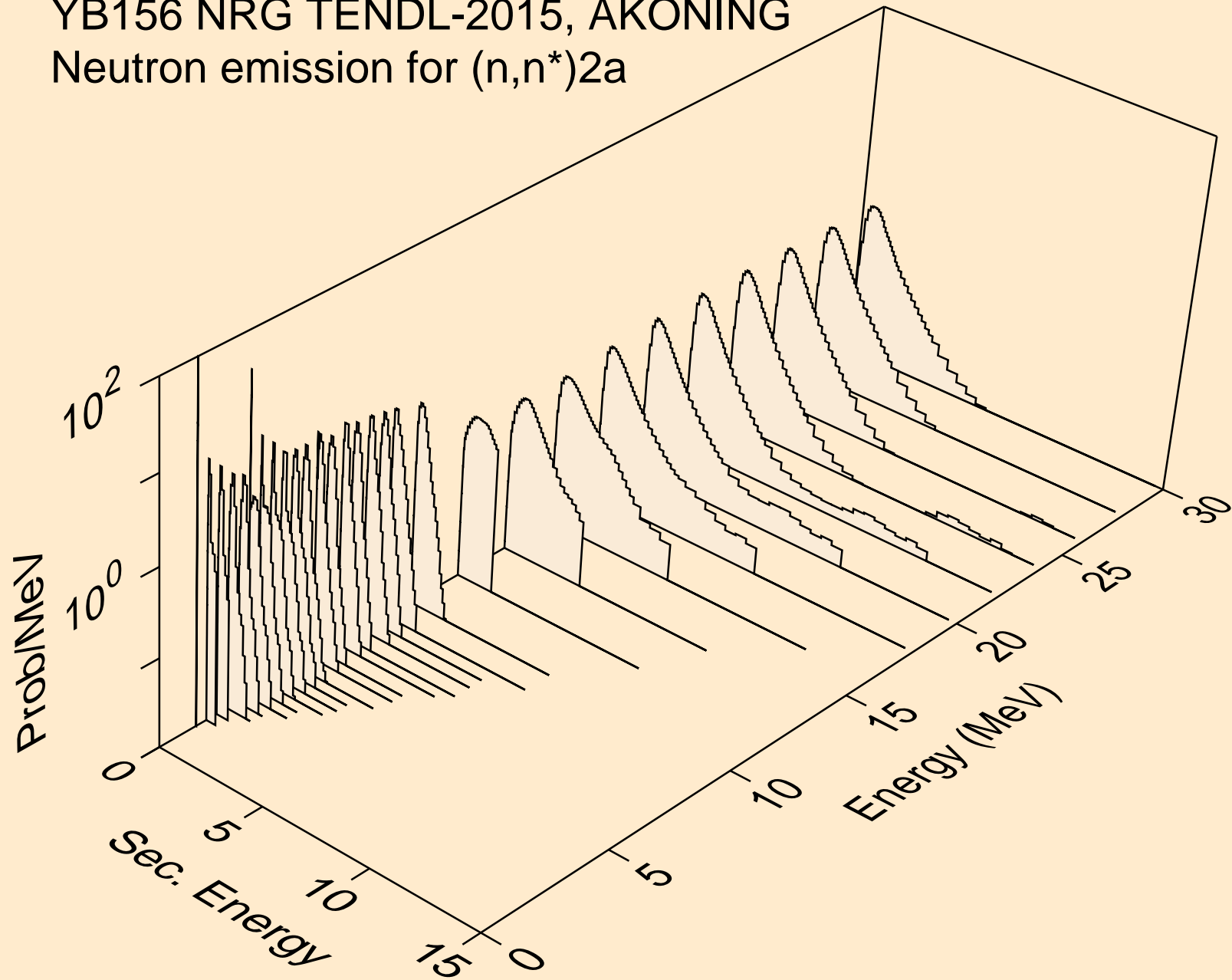
YB156 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



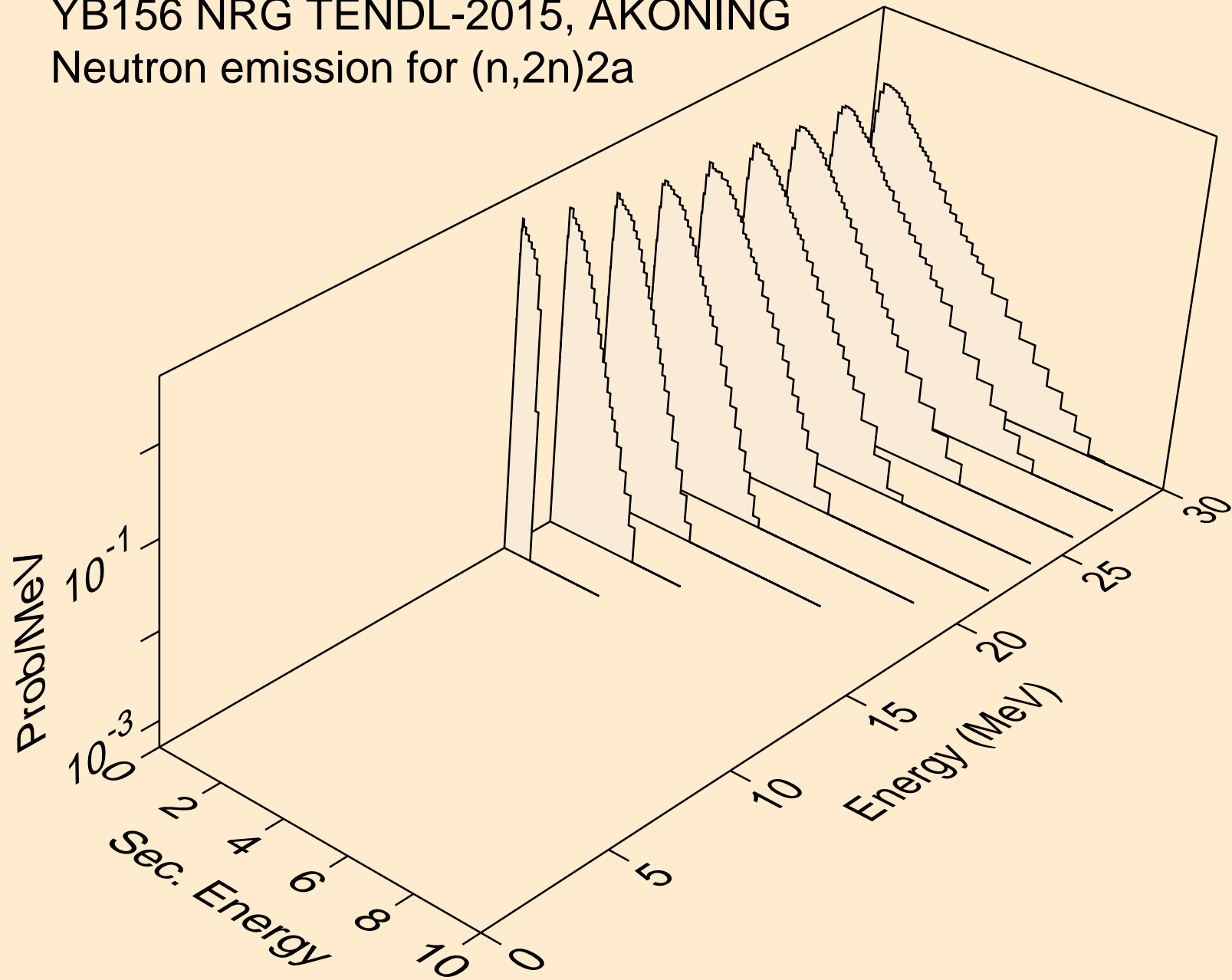
YB156 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



YB156 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

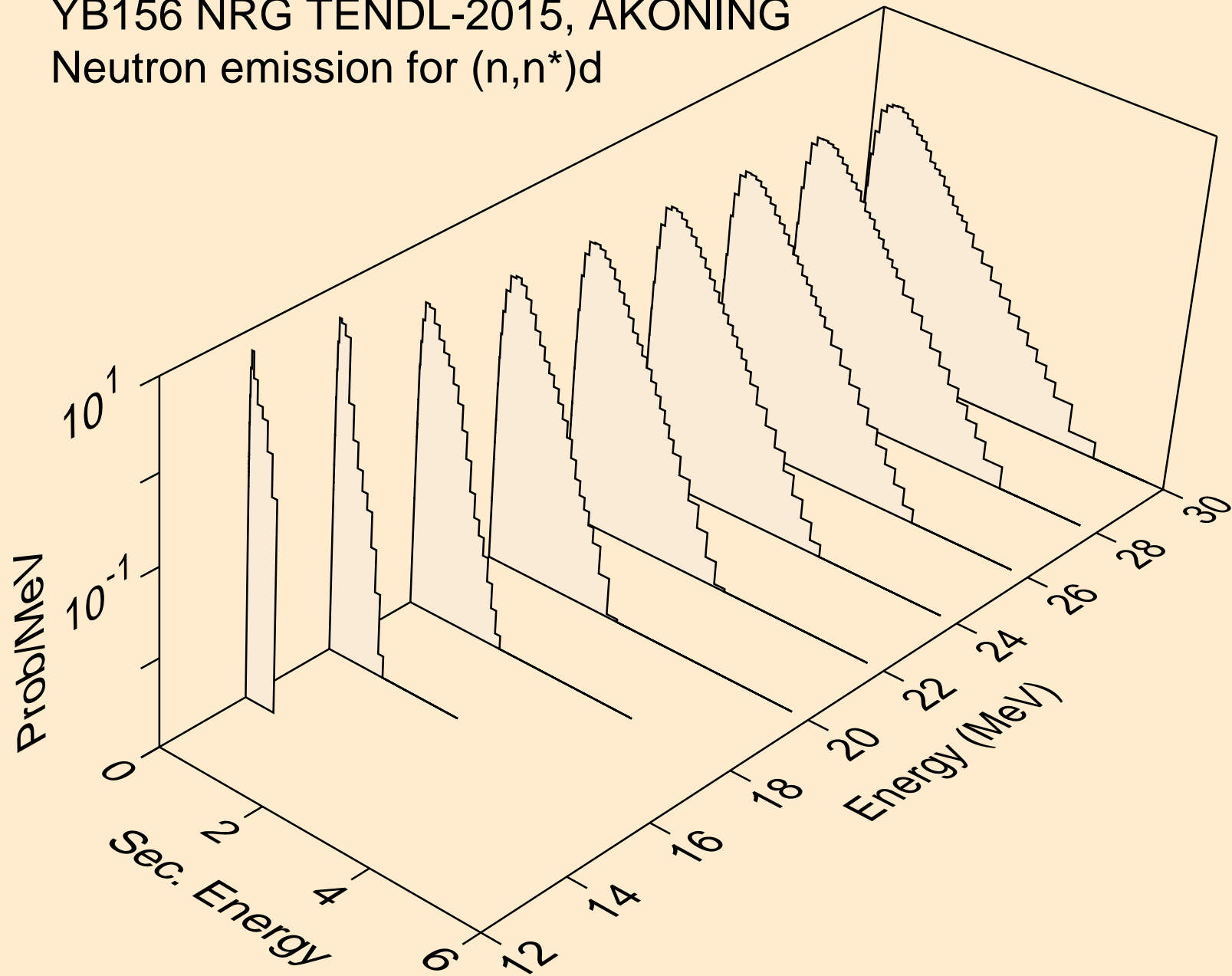


YB156 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a

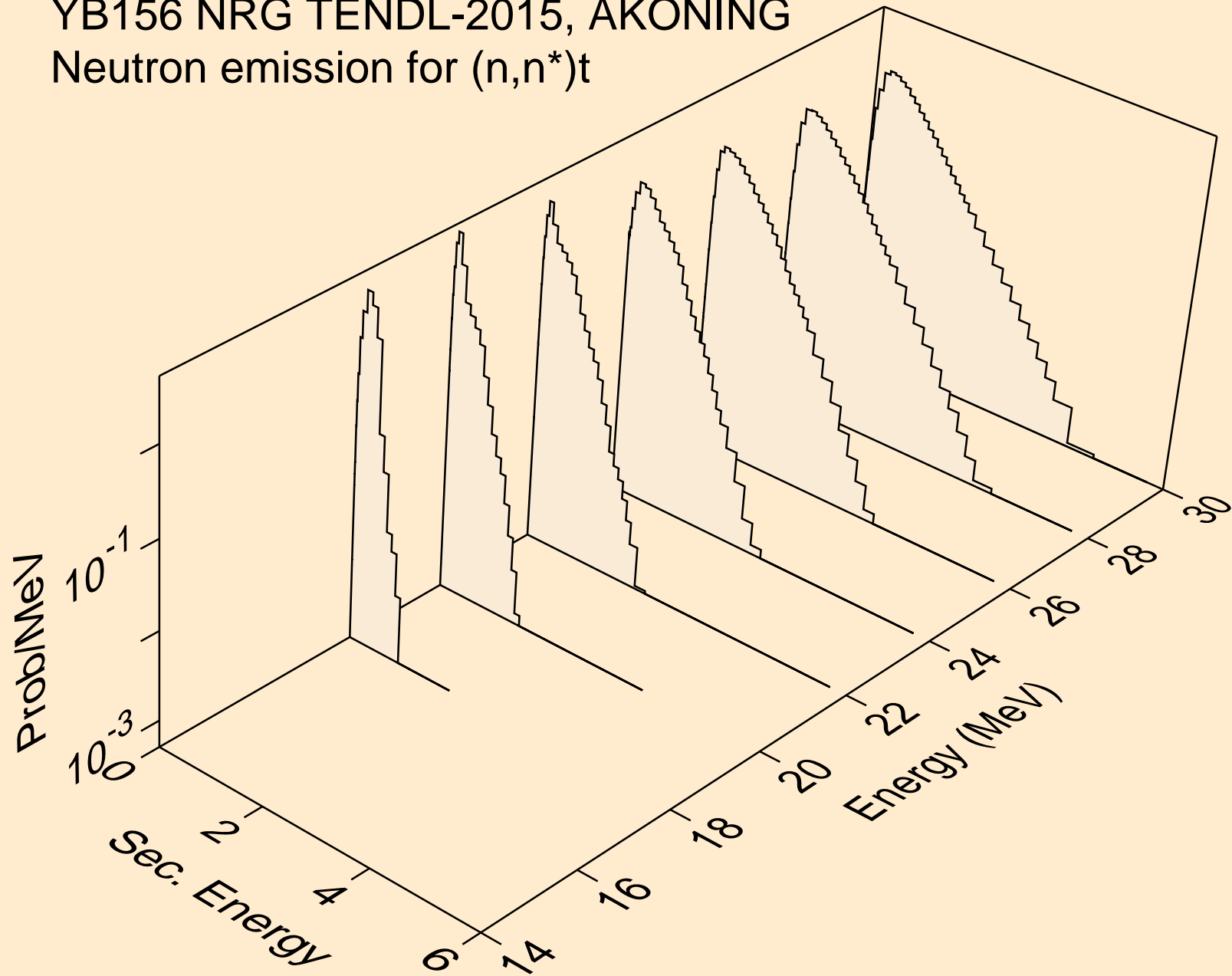




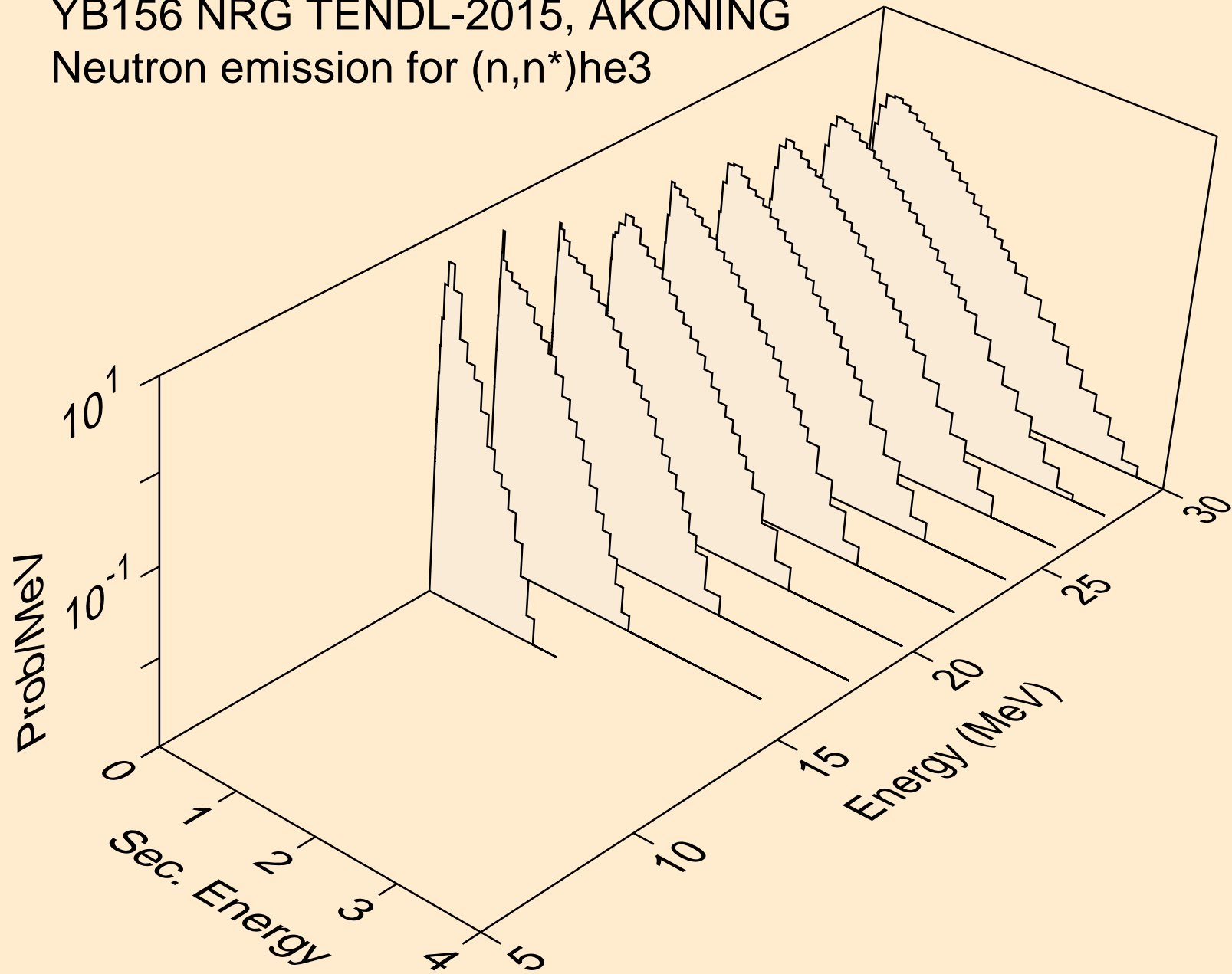
YB156 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



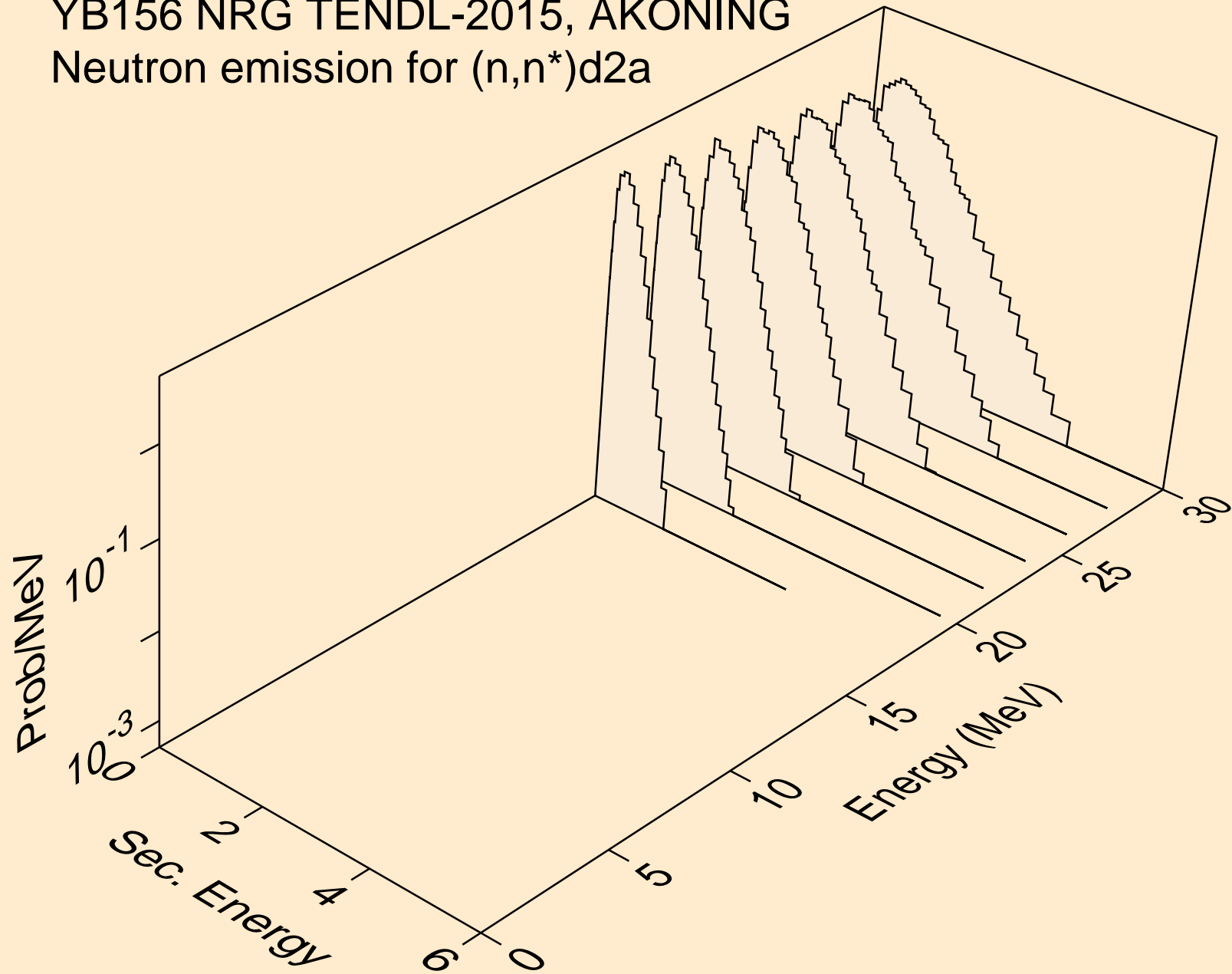
YB156 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



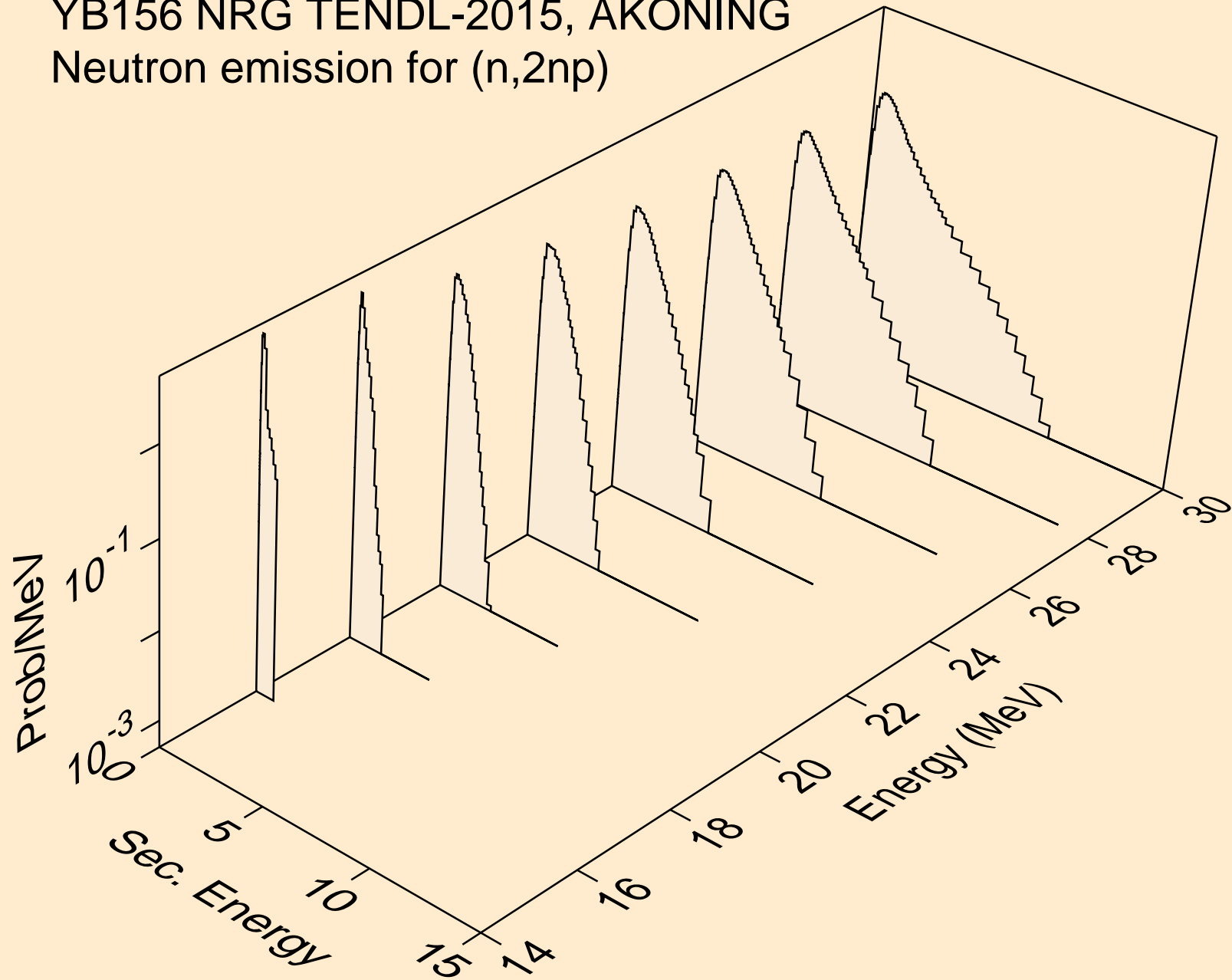
YB156 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



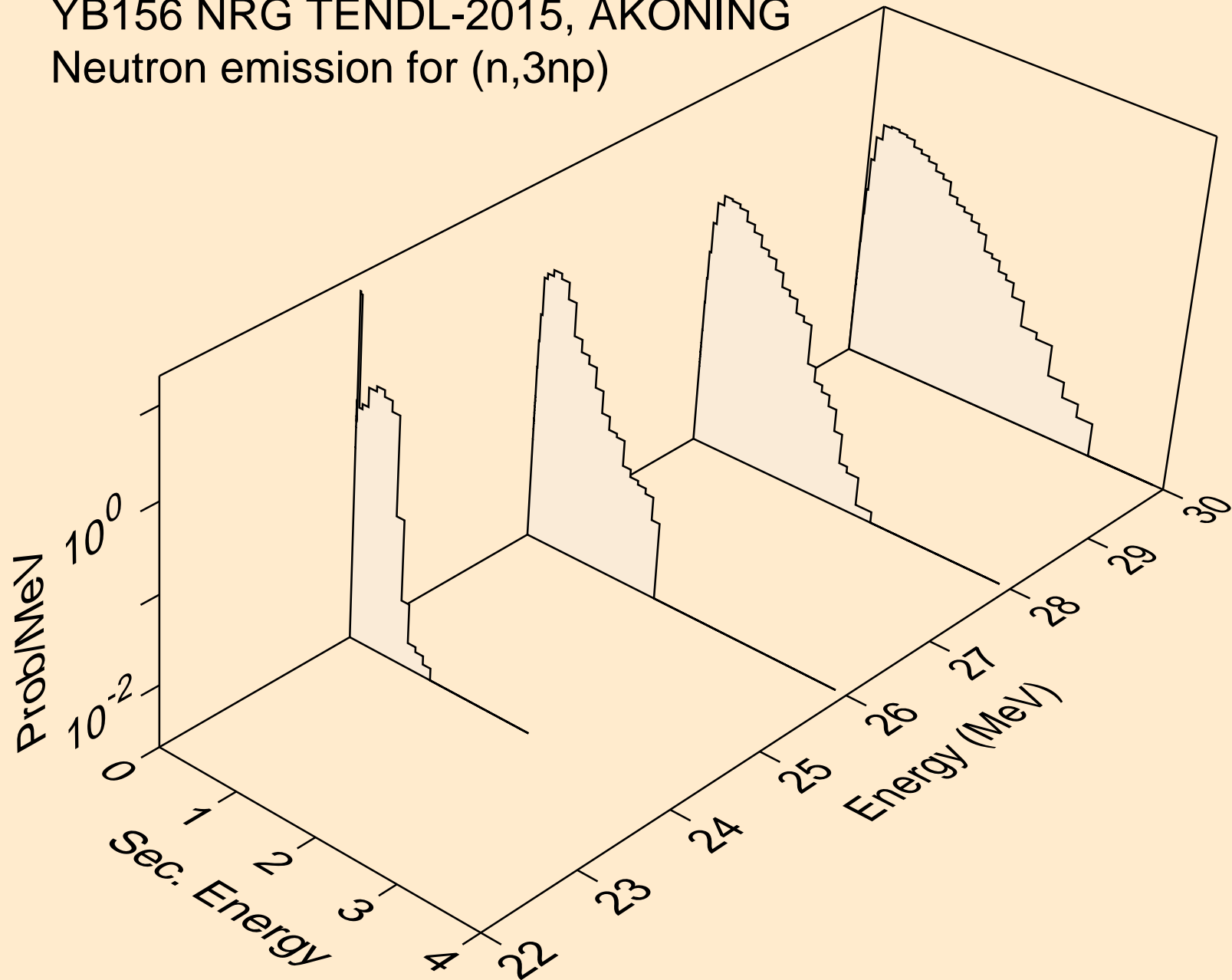
YB156 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d2a



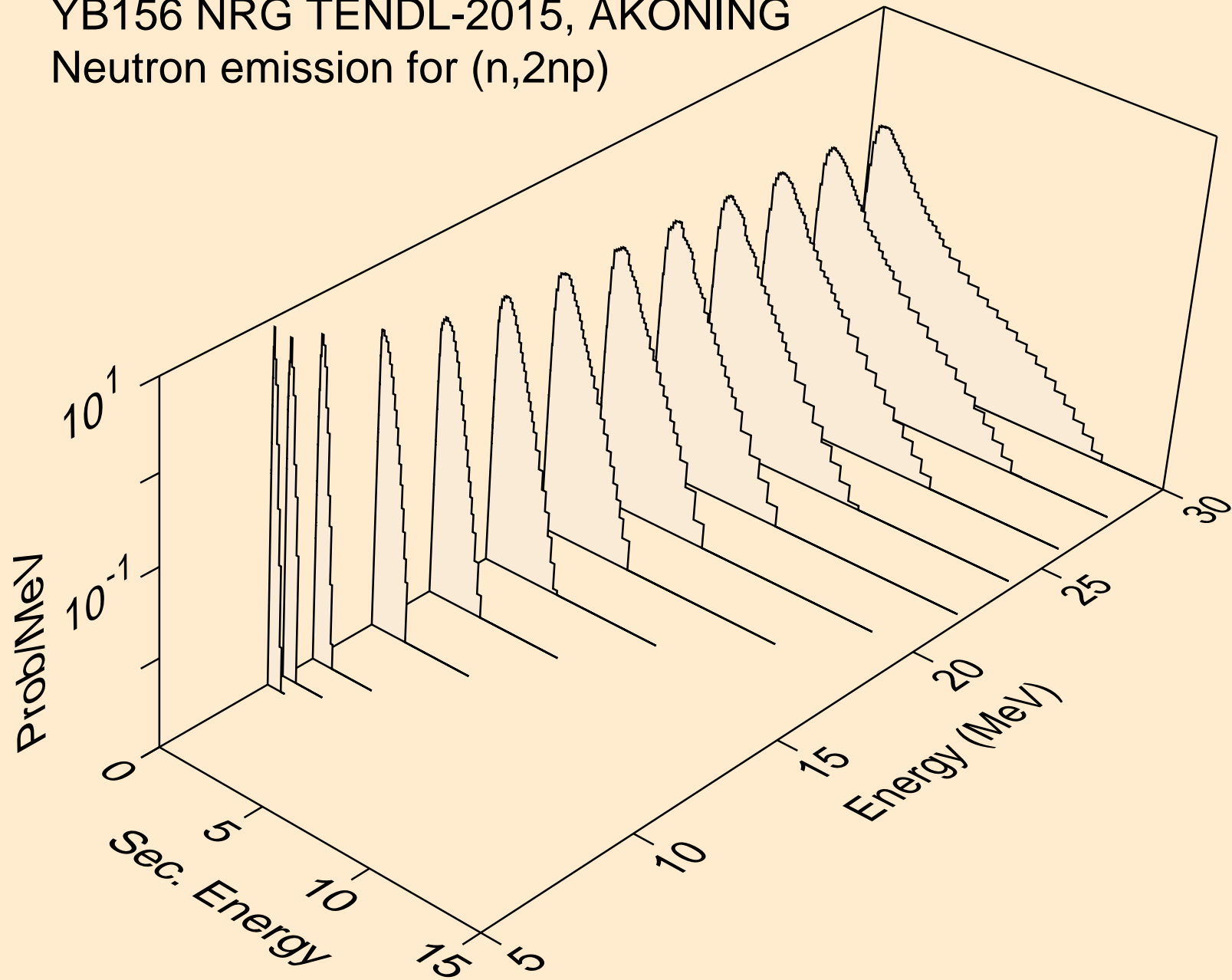
YB156 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



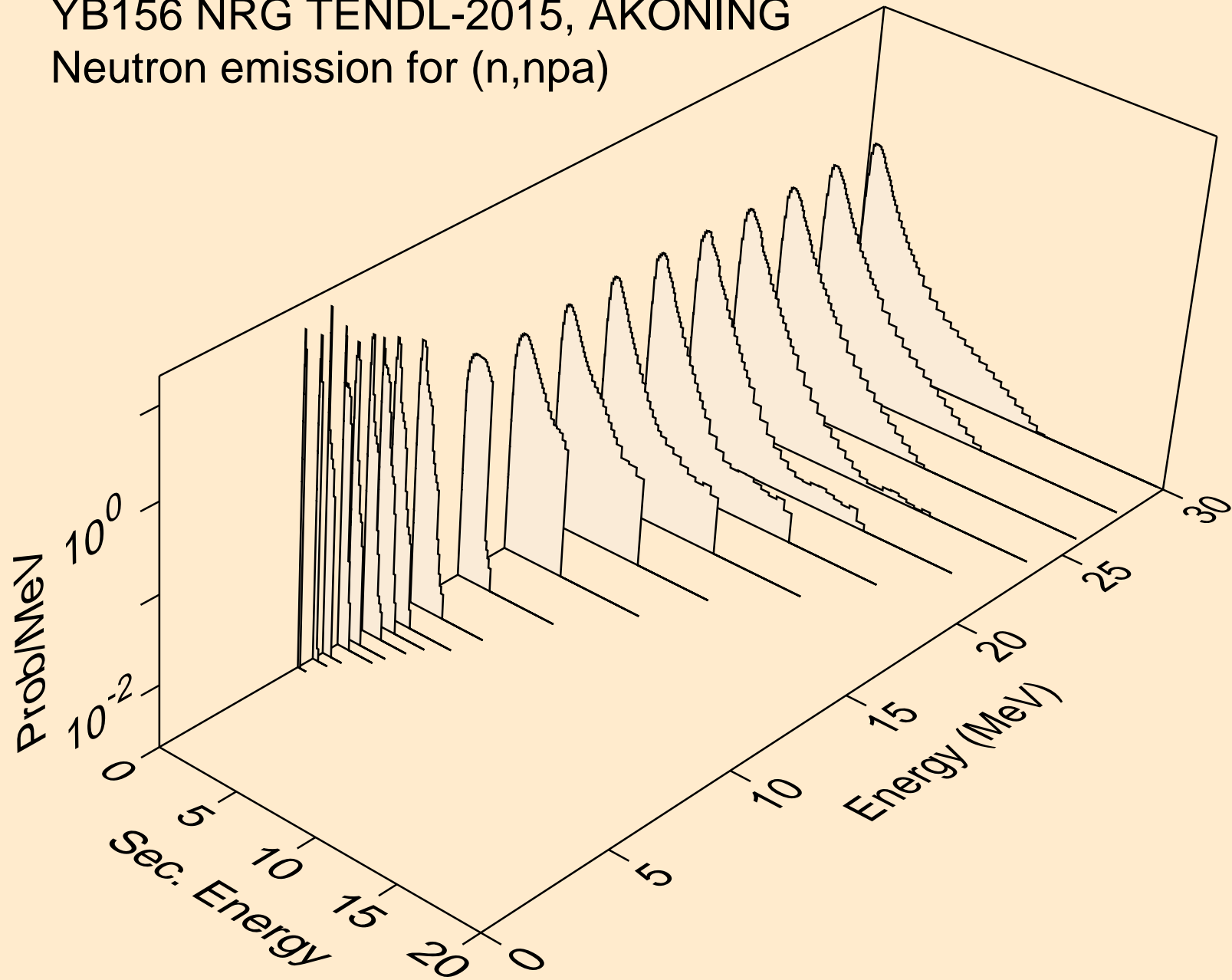
YB156 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



YB156 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

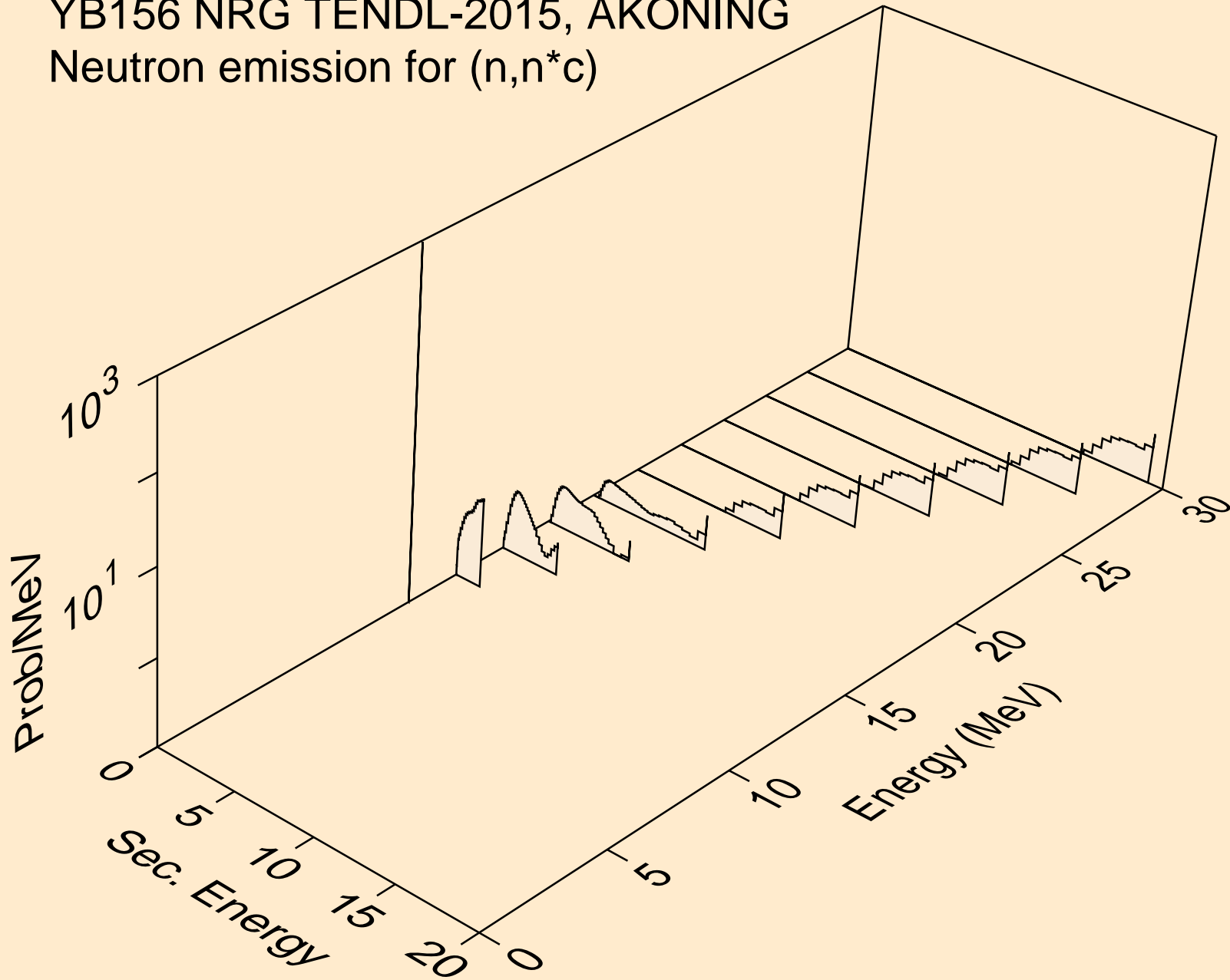


YB156 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

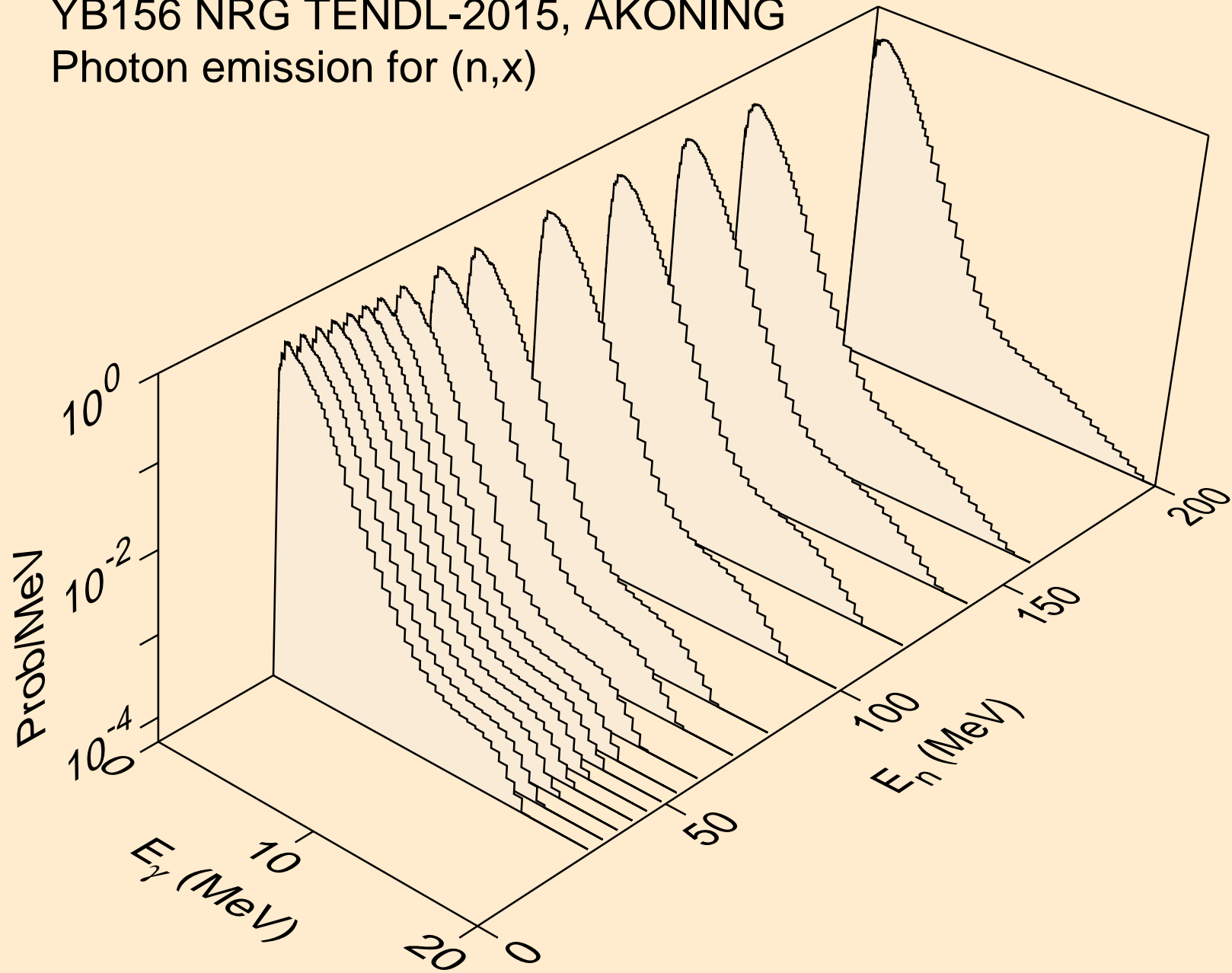




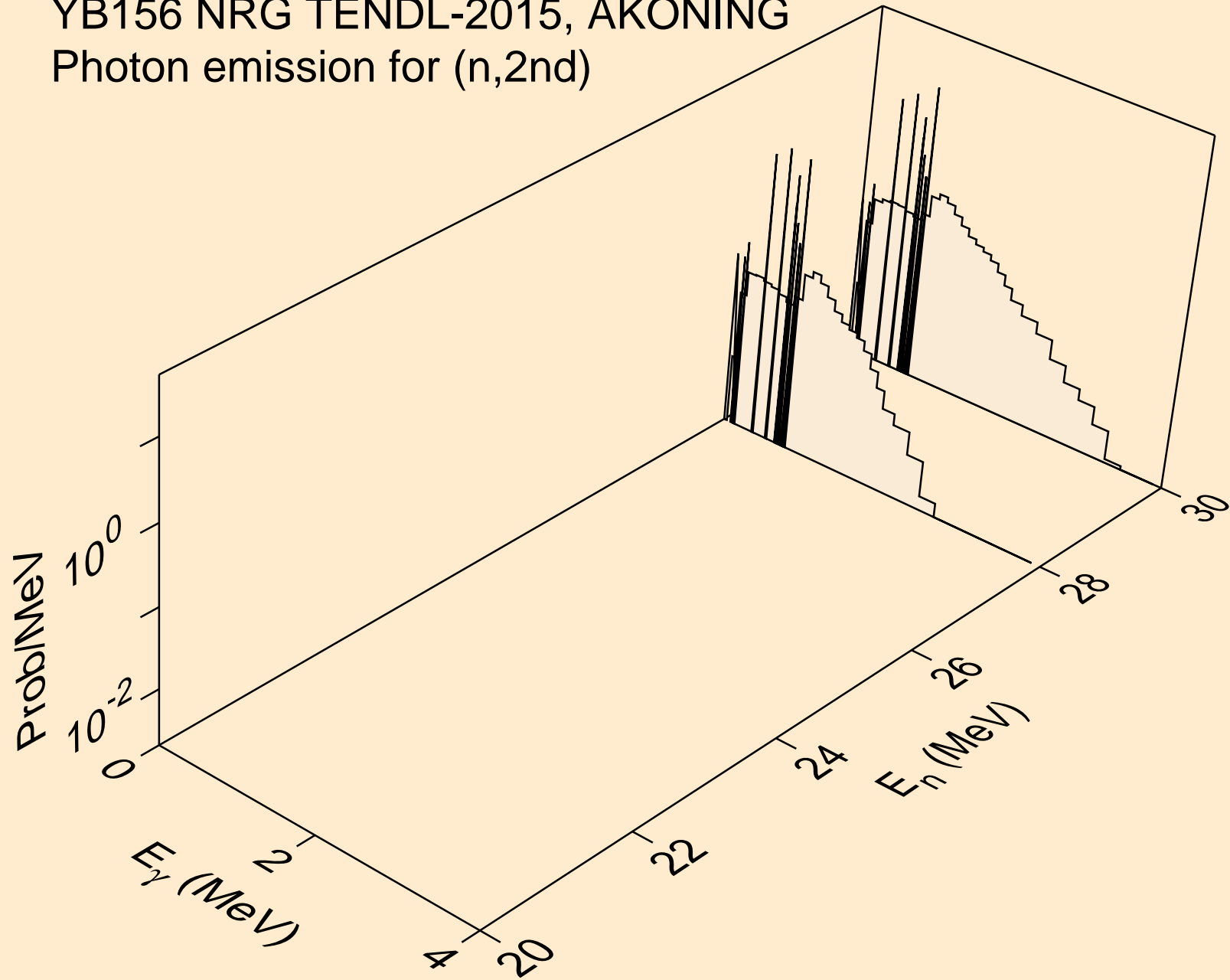
YB156 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



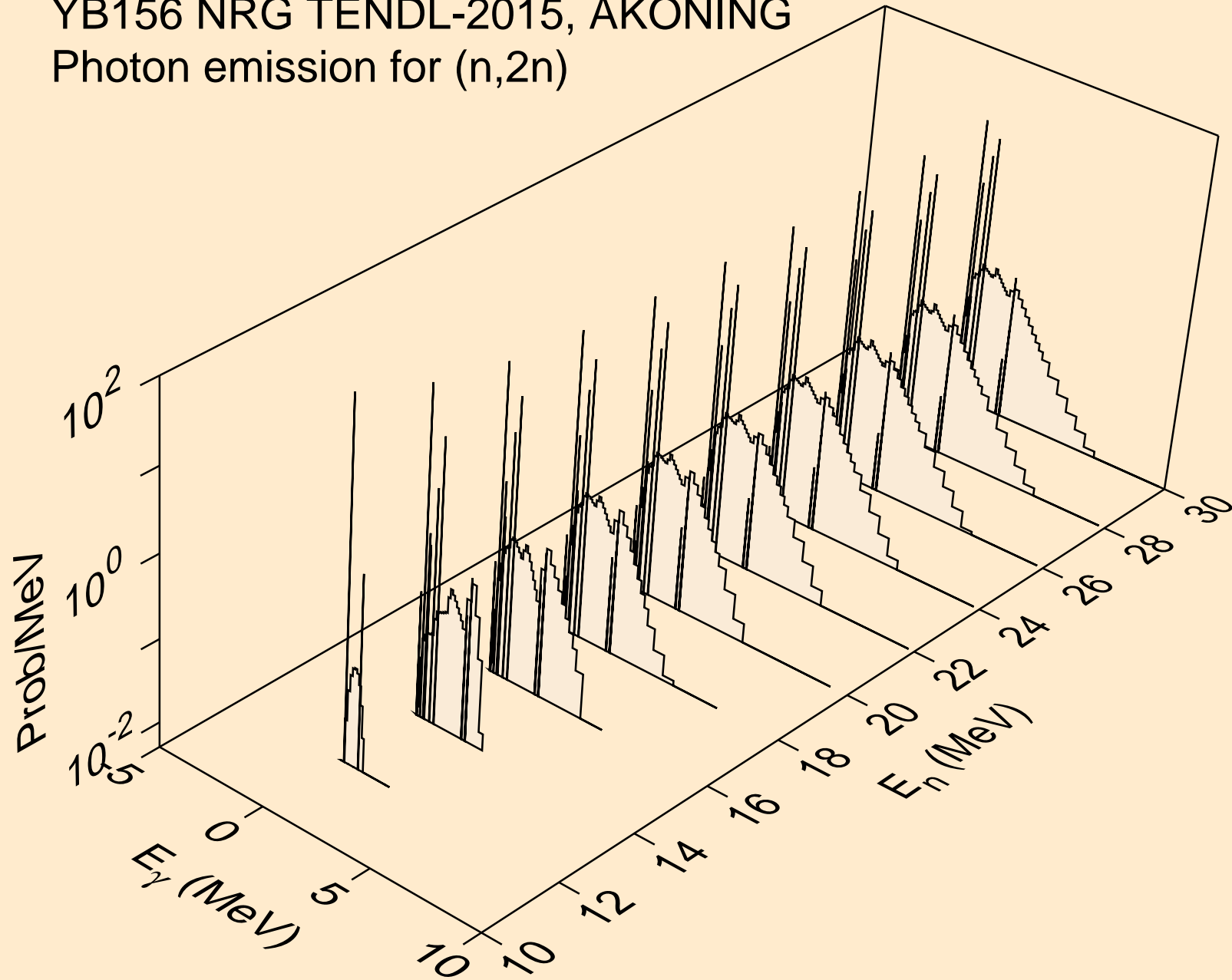
YB156 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



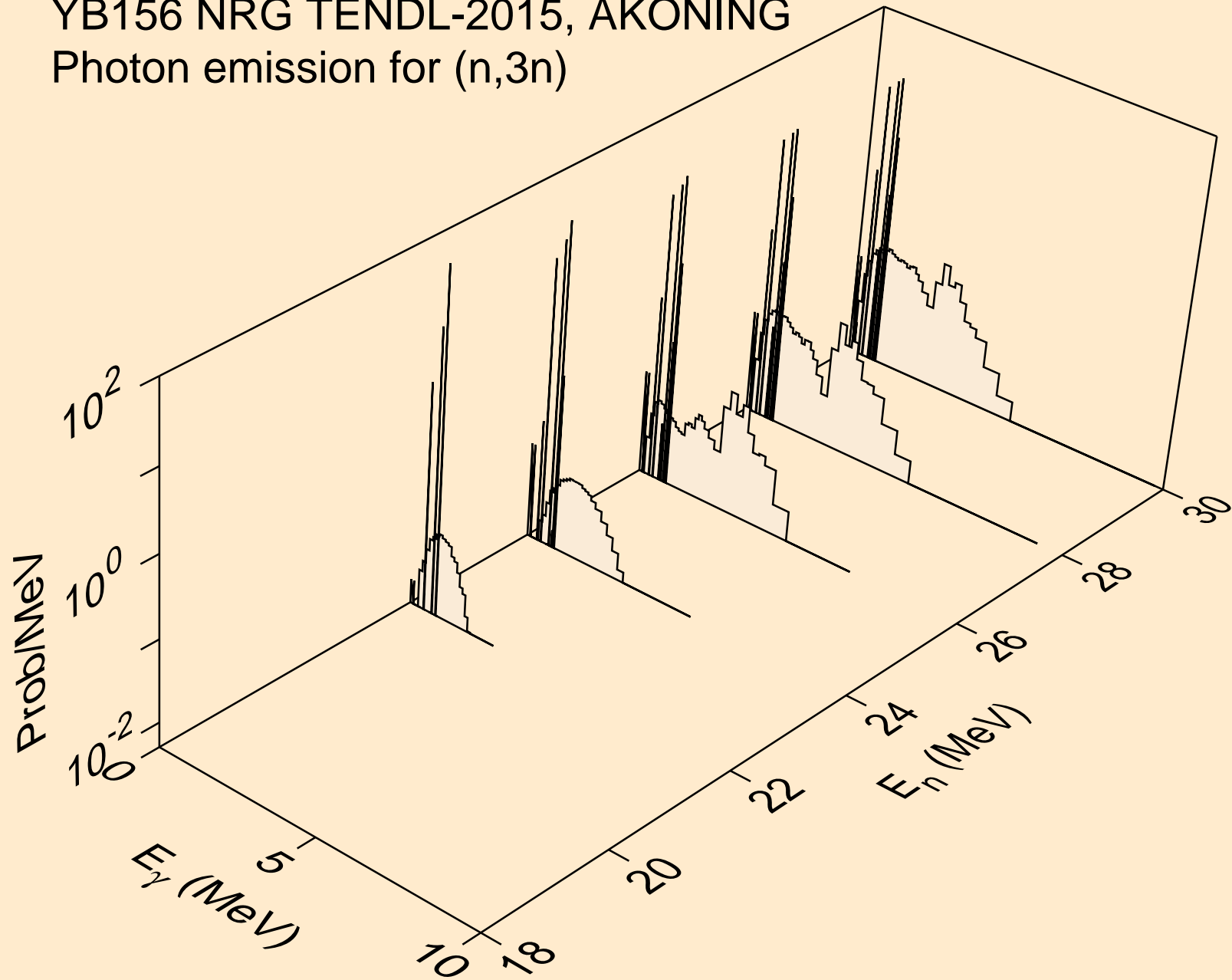
YB156 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



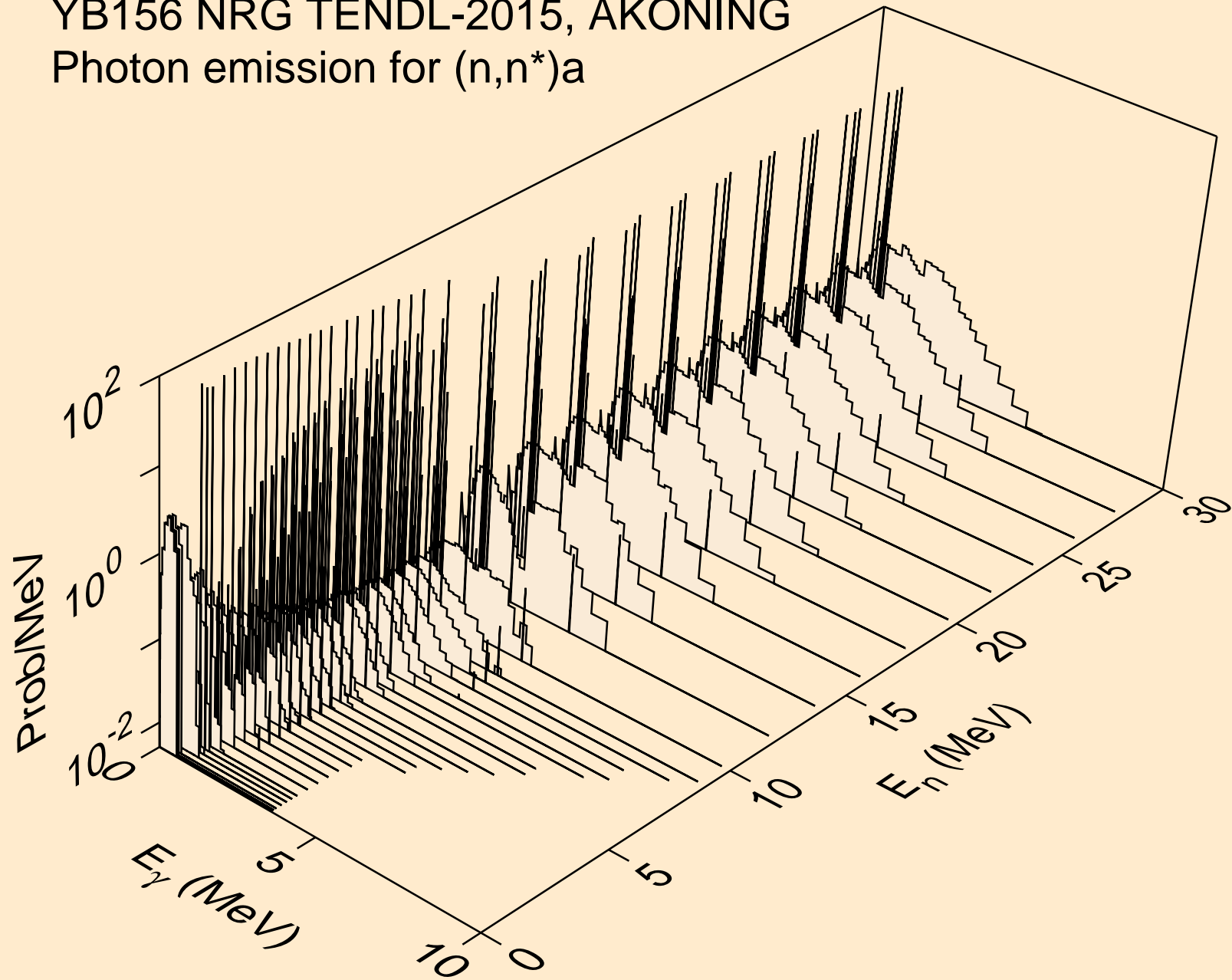
YB156 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



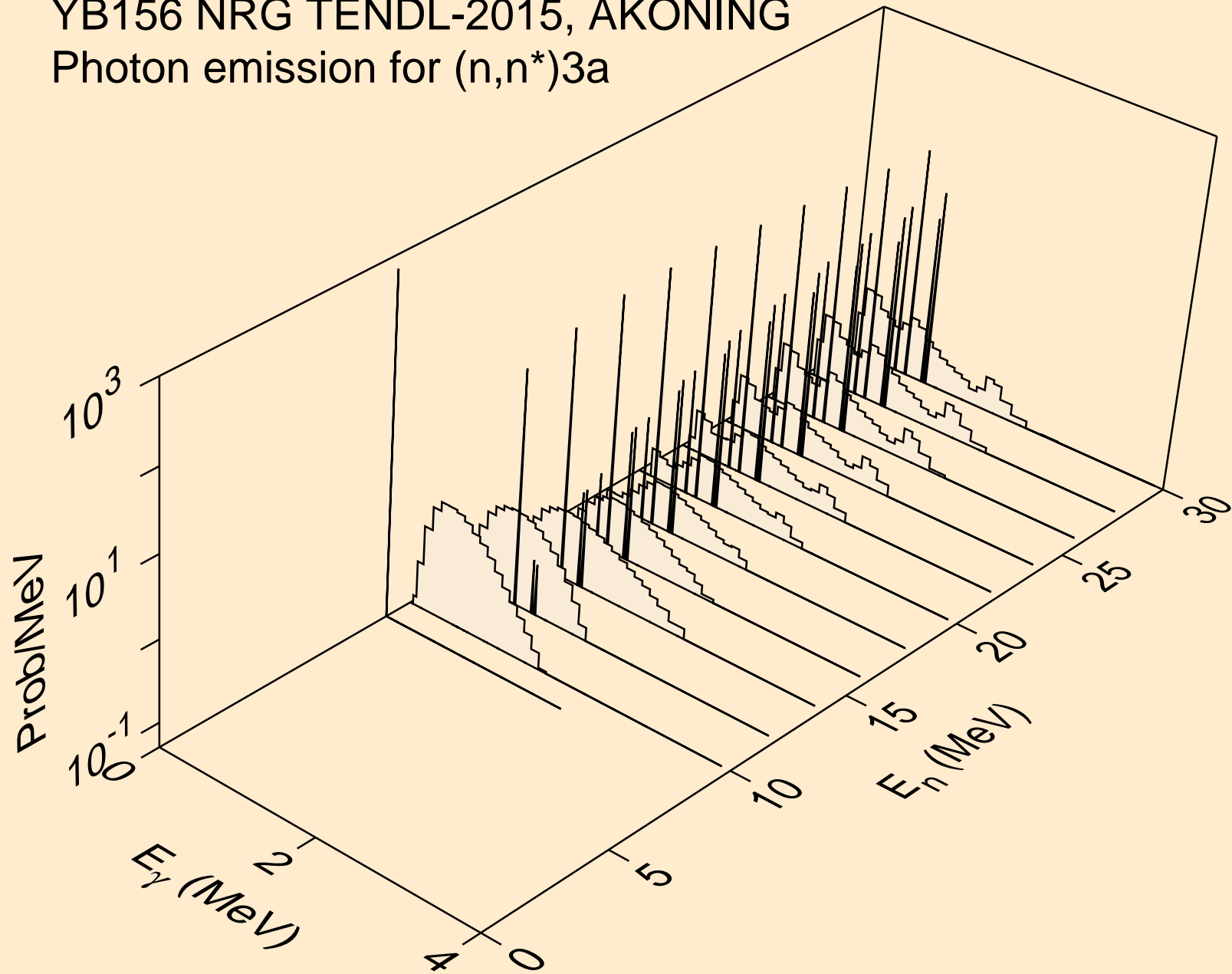
YB156 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



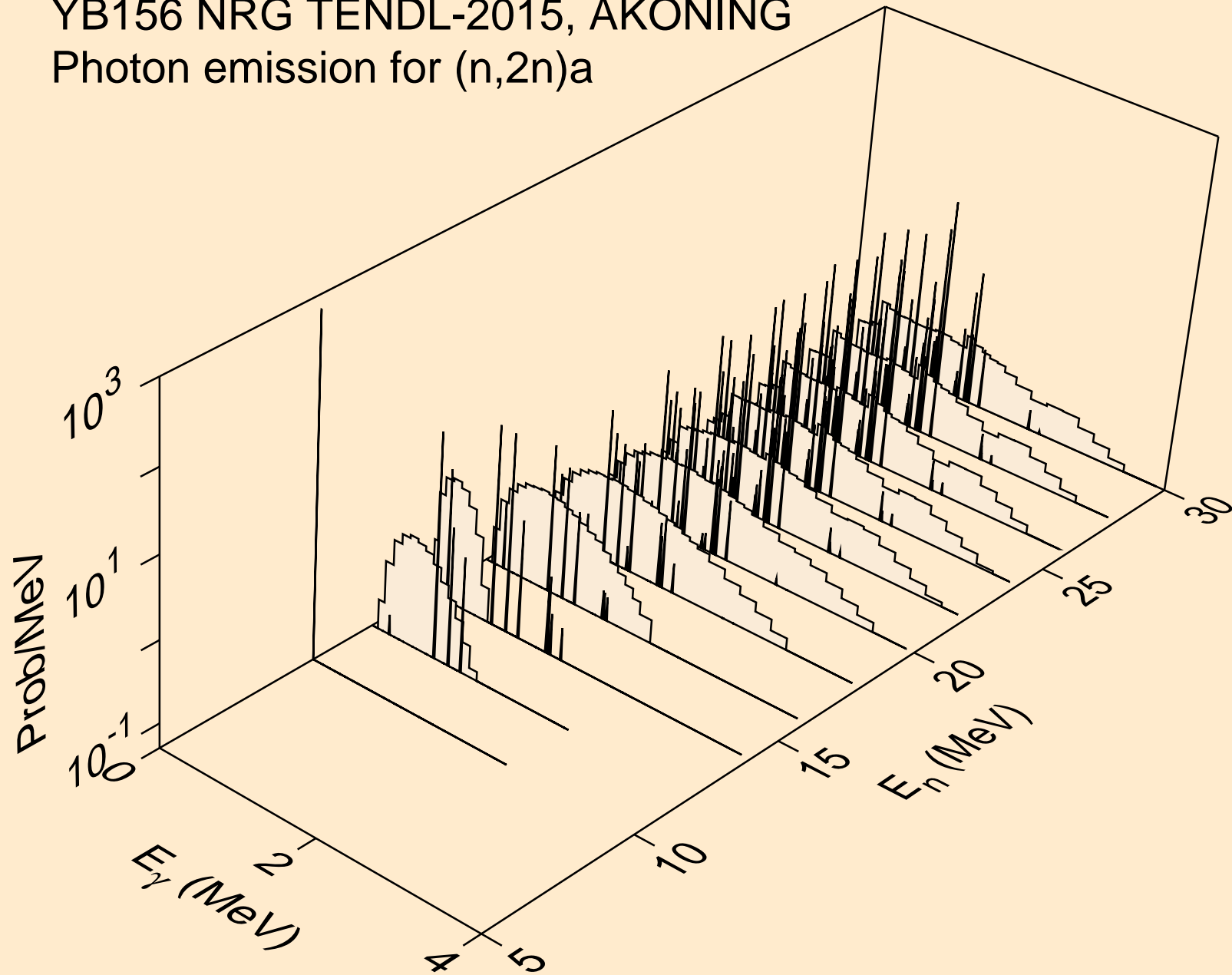
YB156 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



YB156 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a

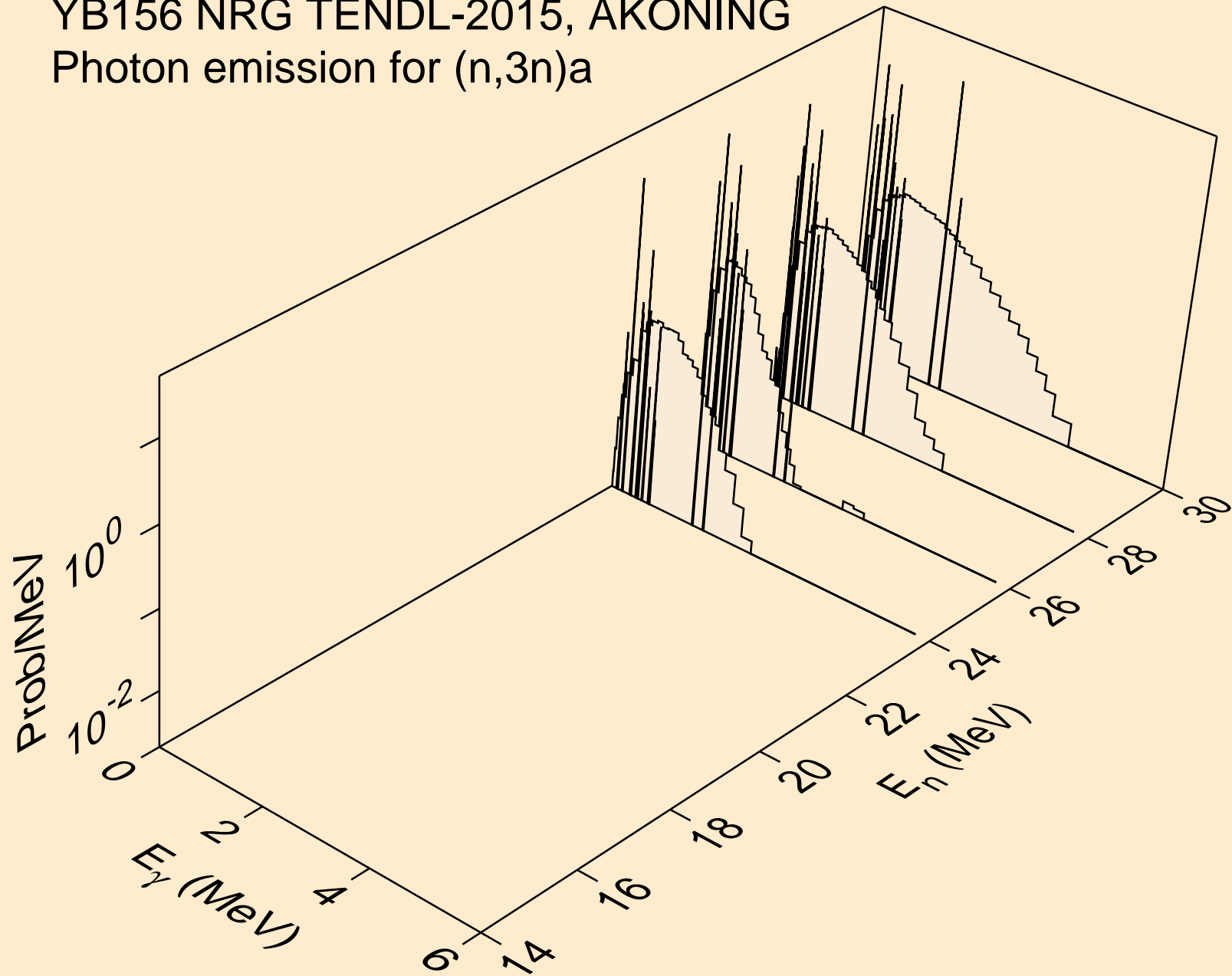


YB156 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

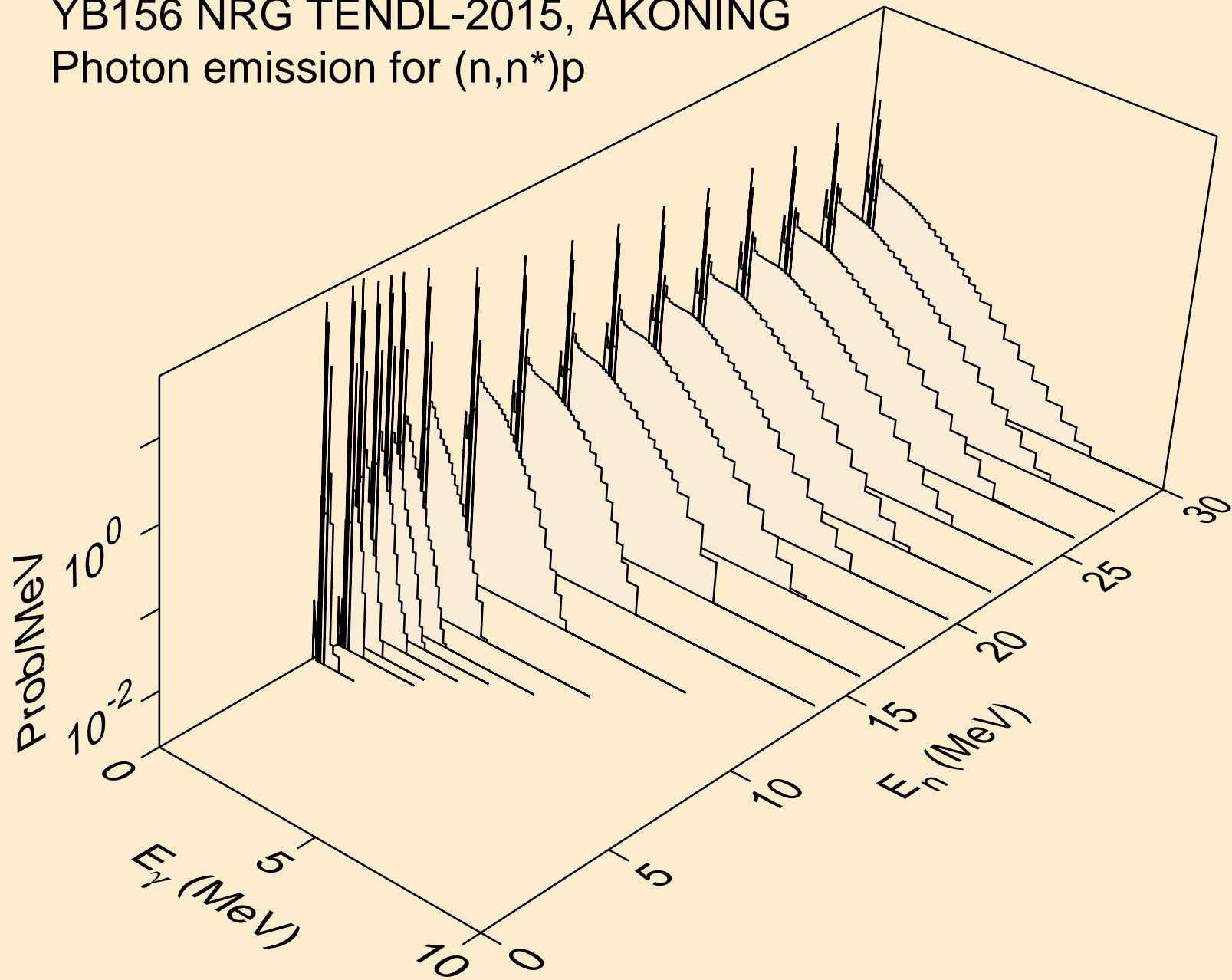




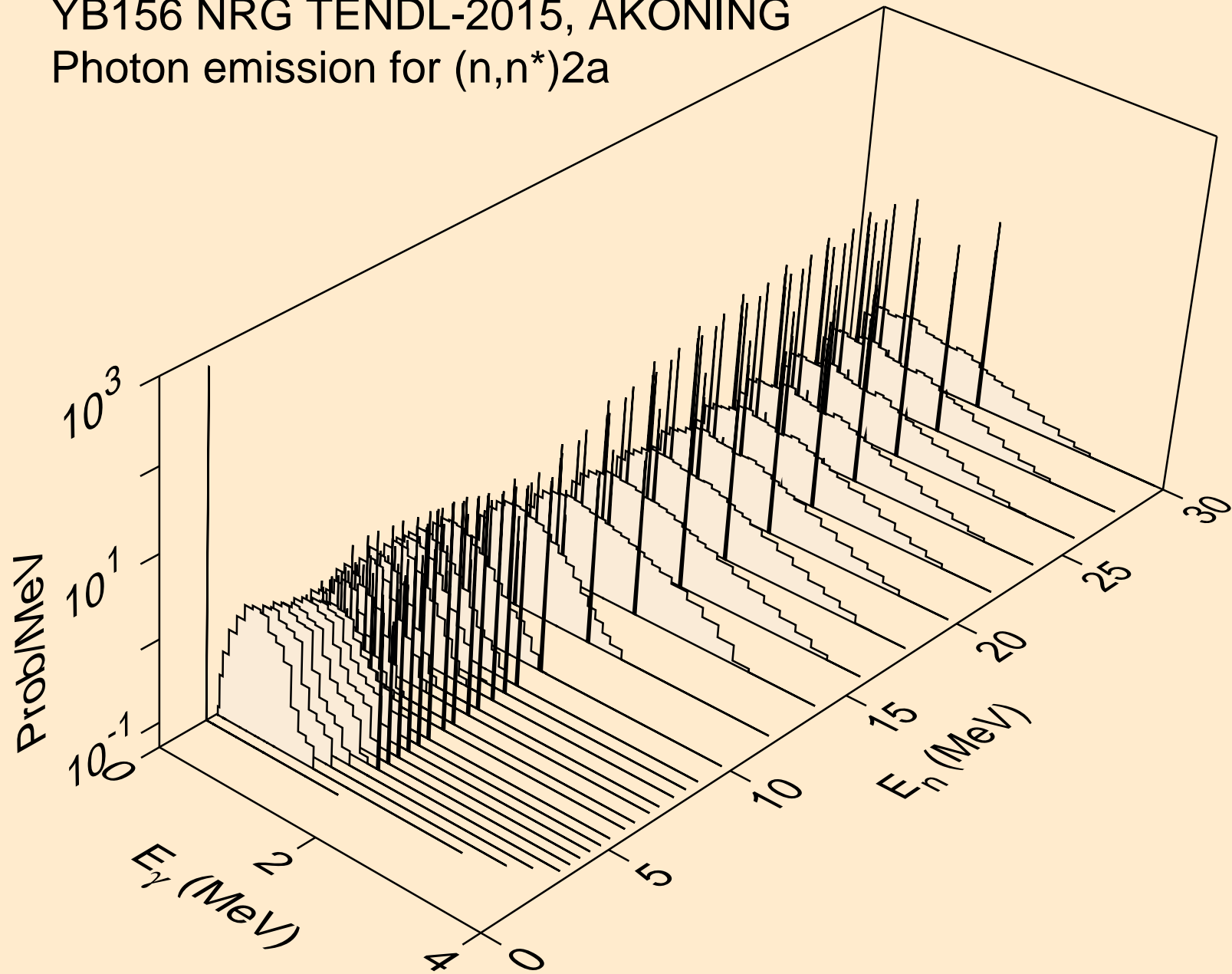
YB156 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



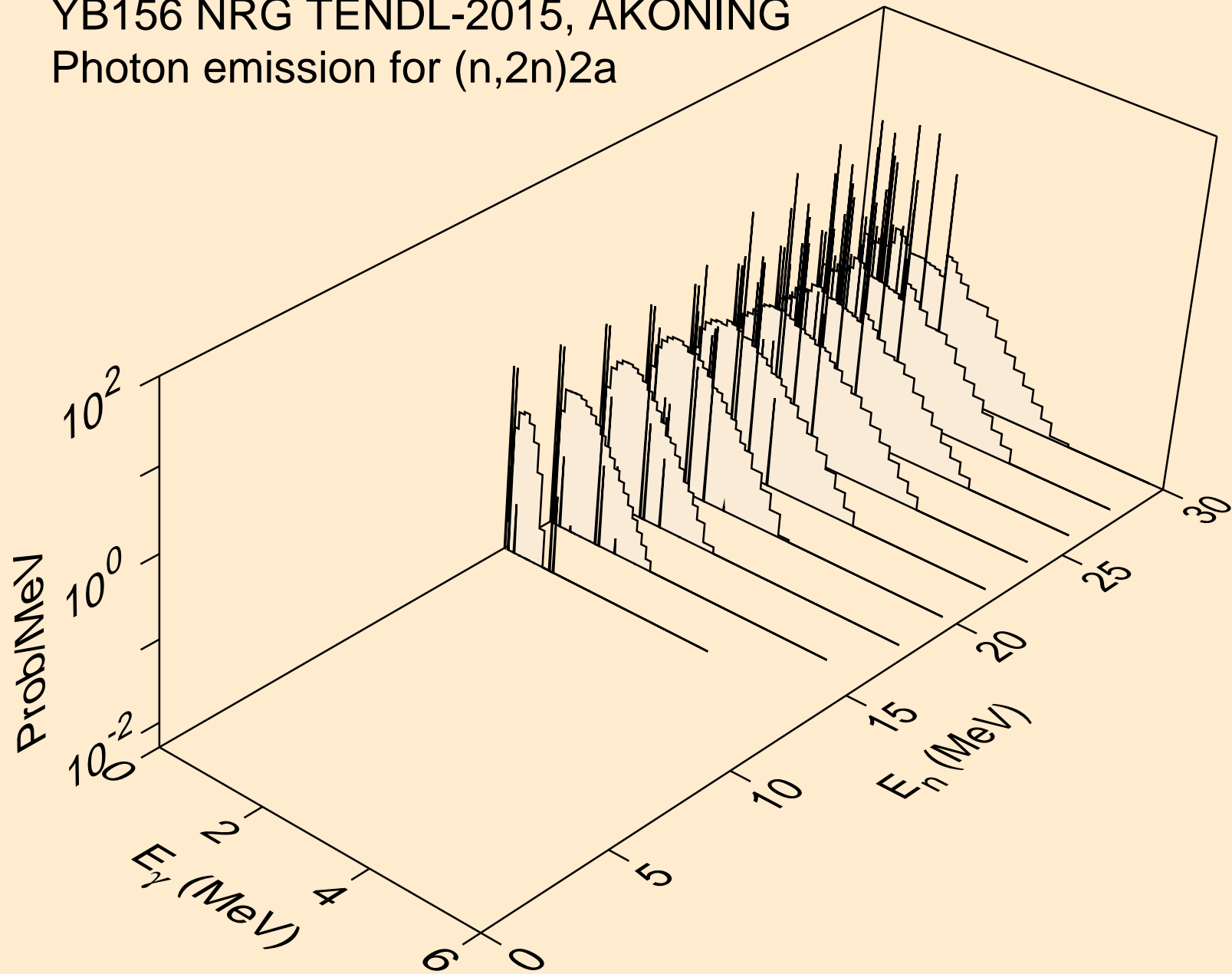
YB156 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



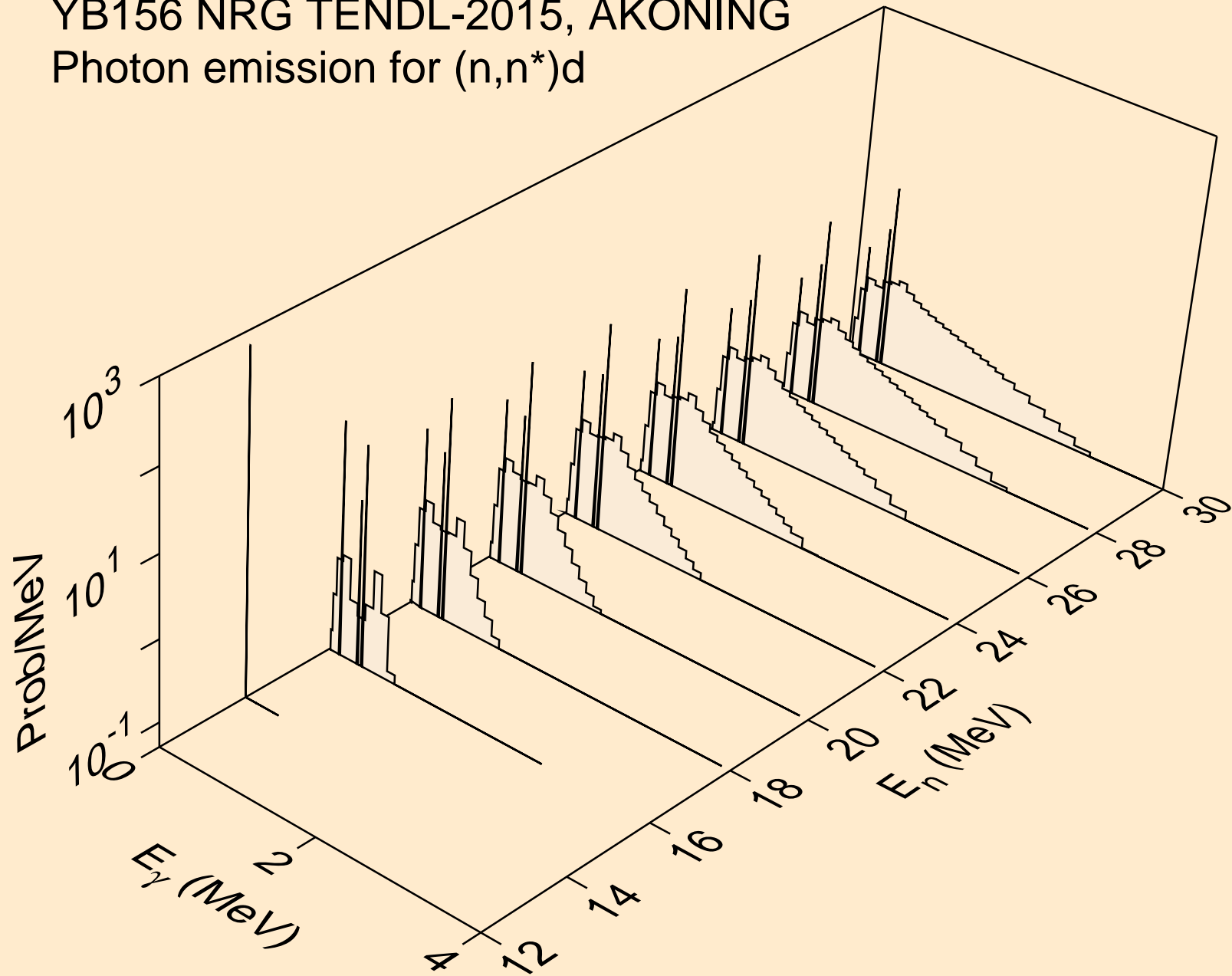
YB156 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



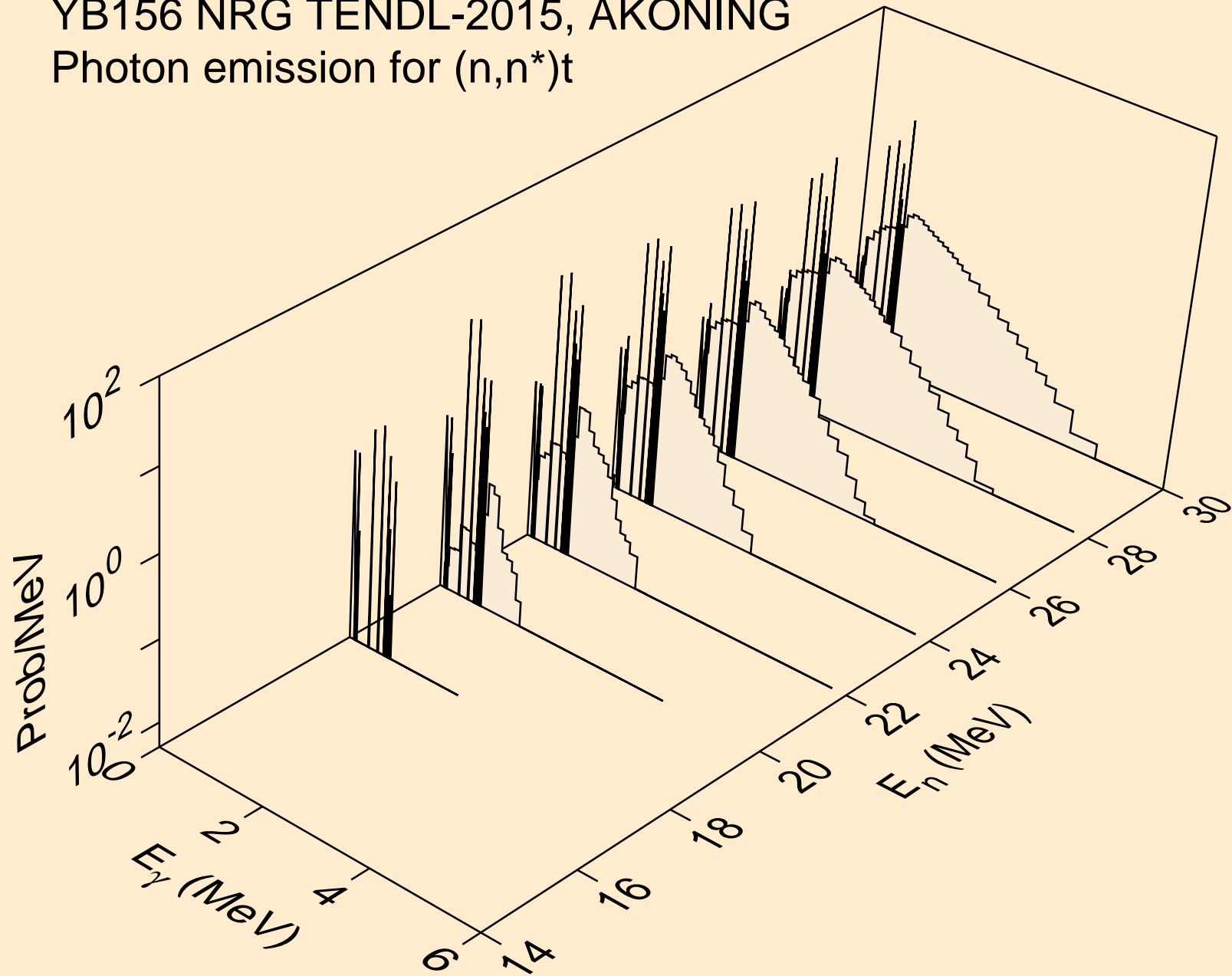
YB156 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



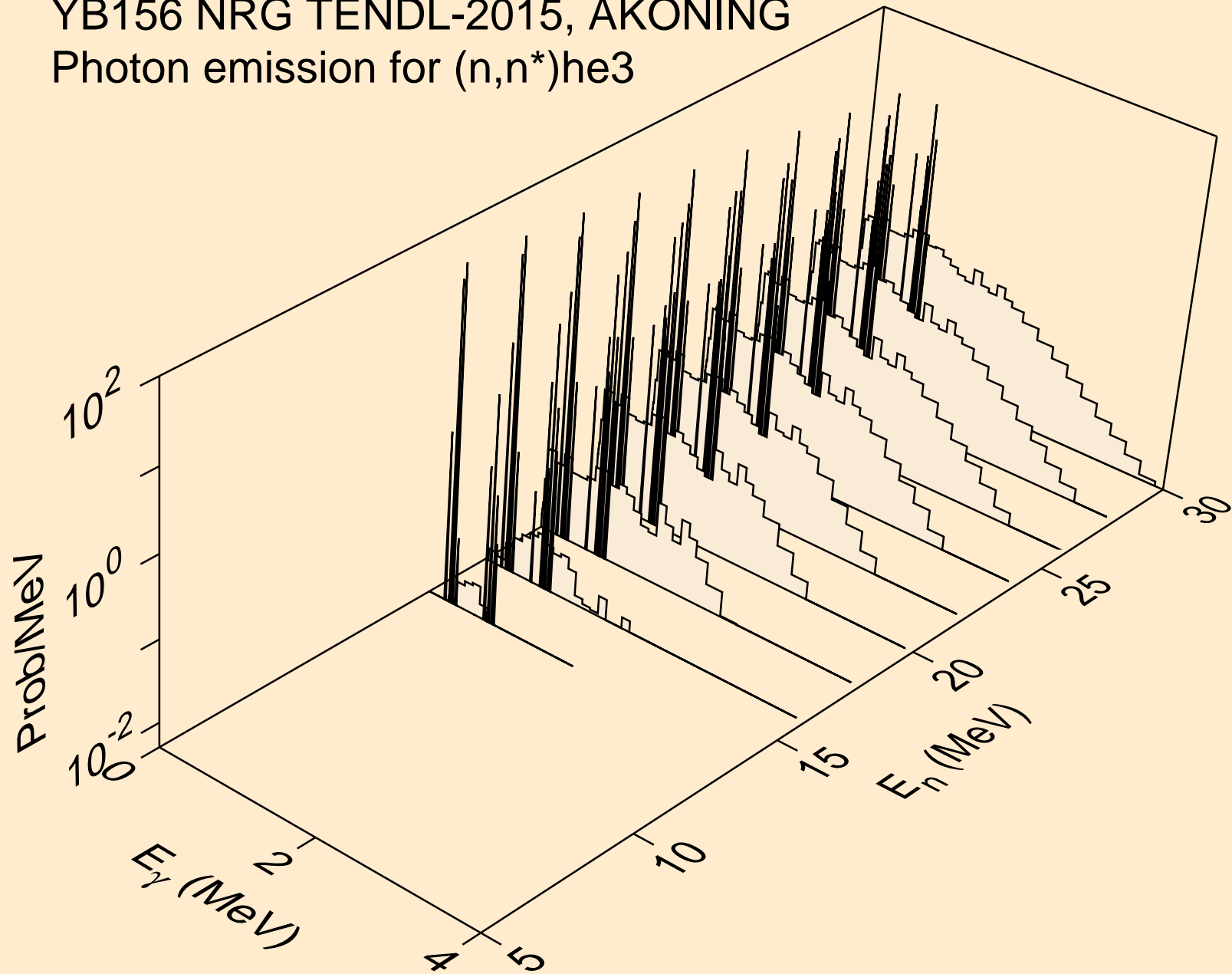
YB156 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



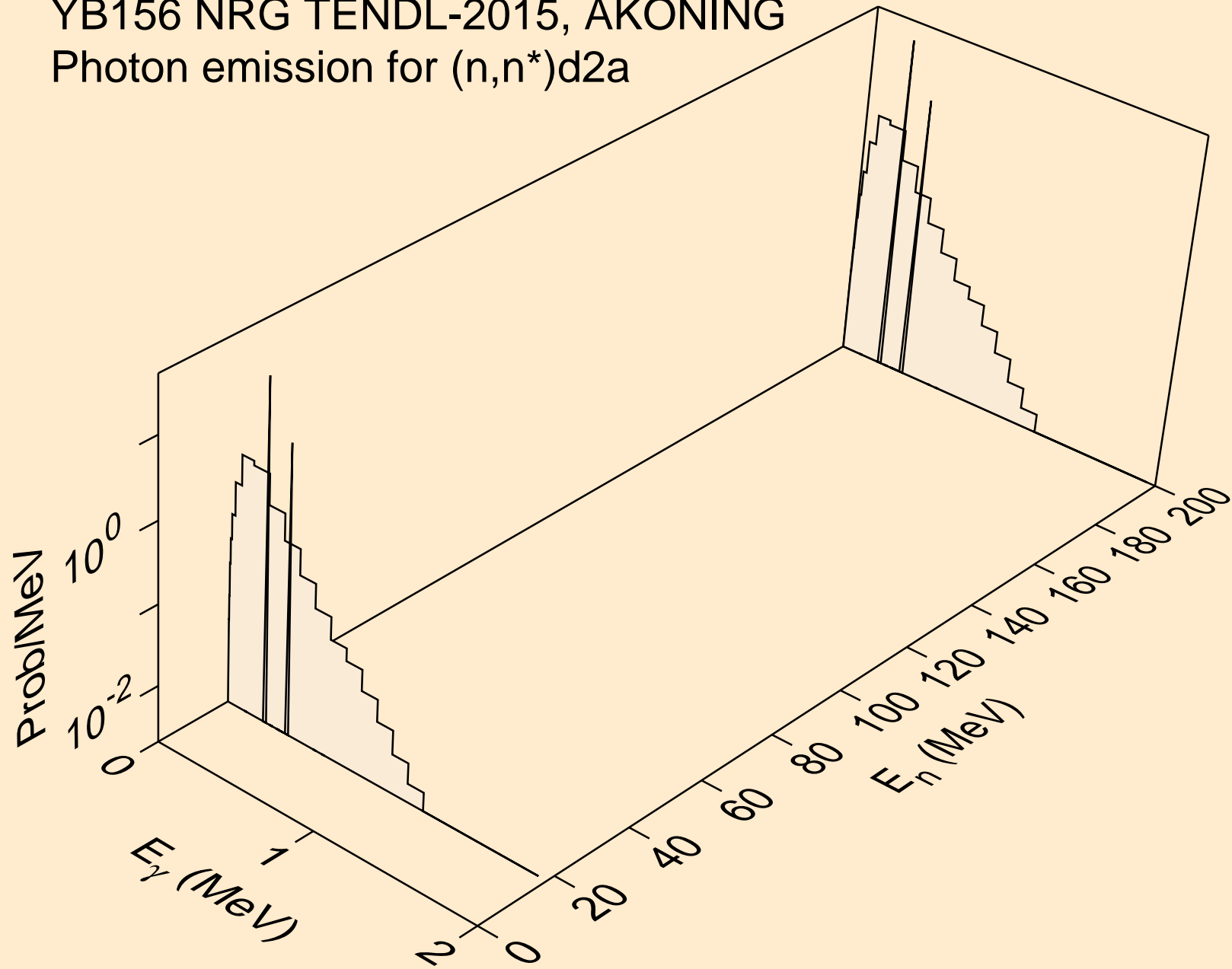
YB156 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



YB156 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

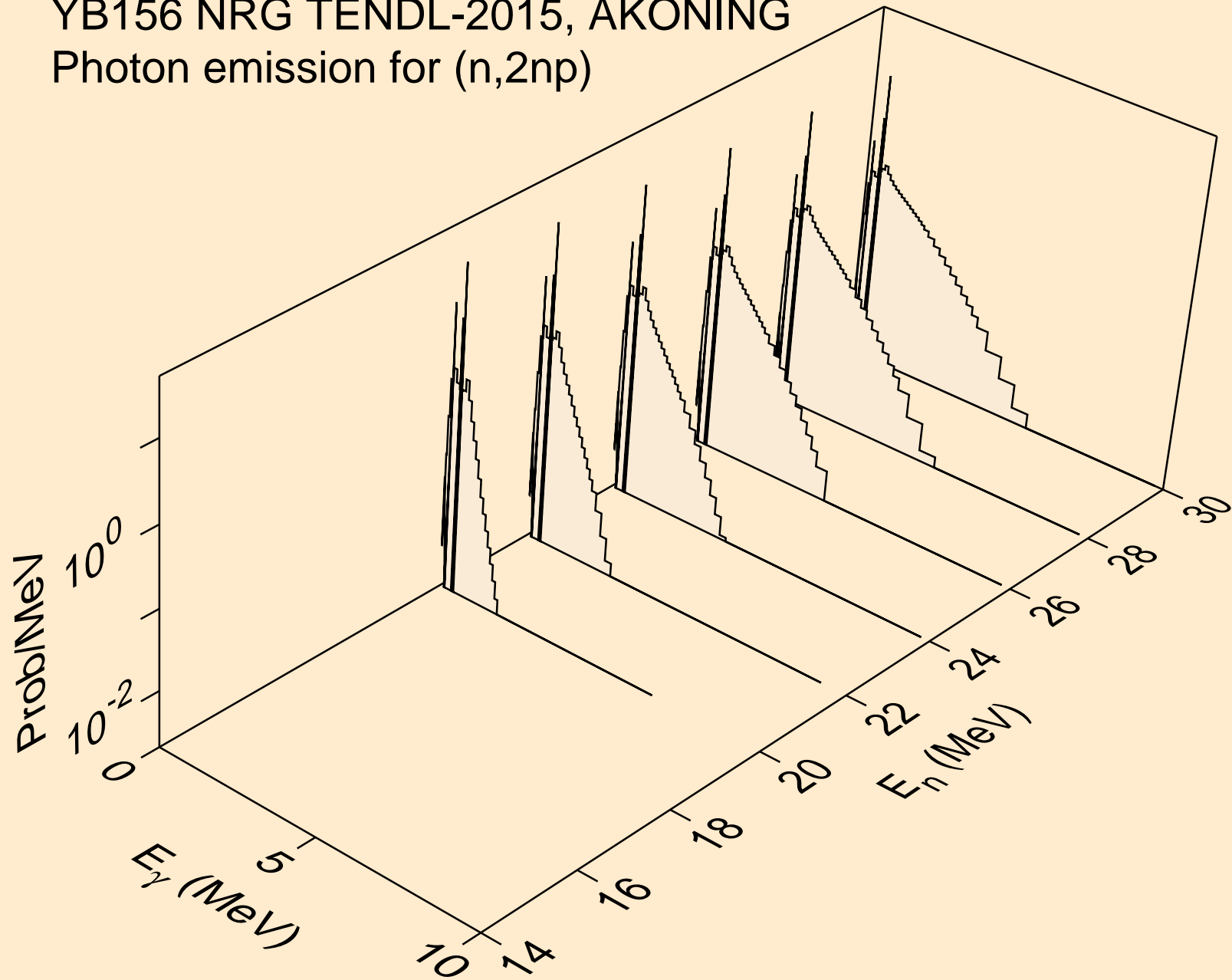


YB156 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d2a

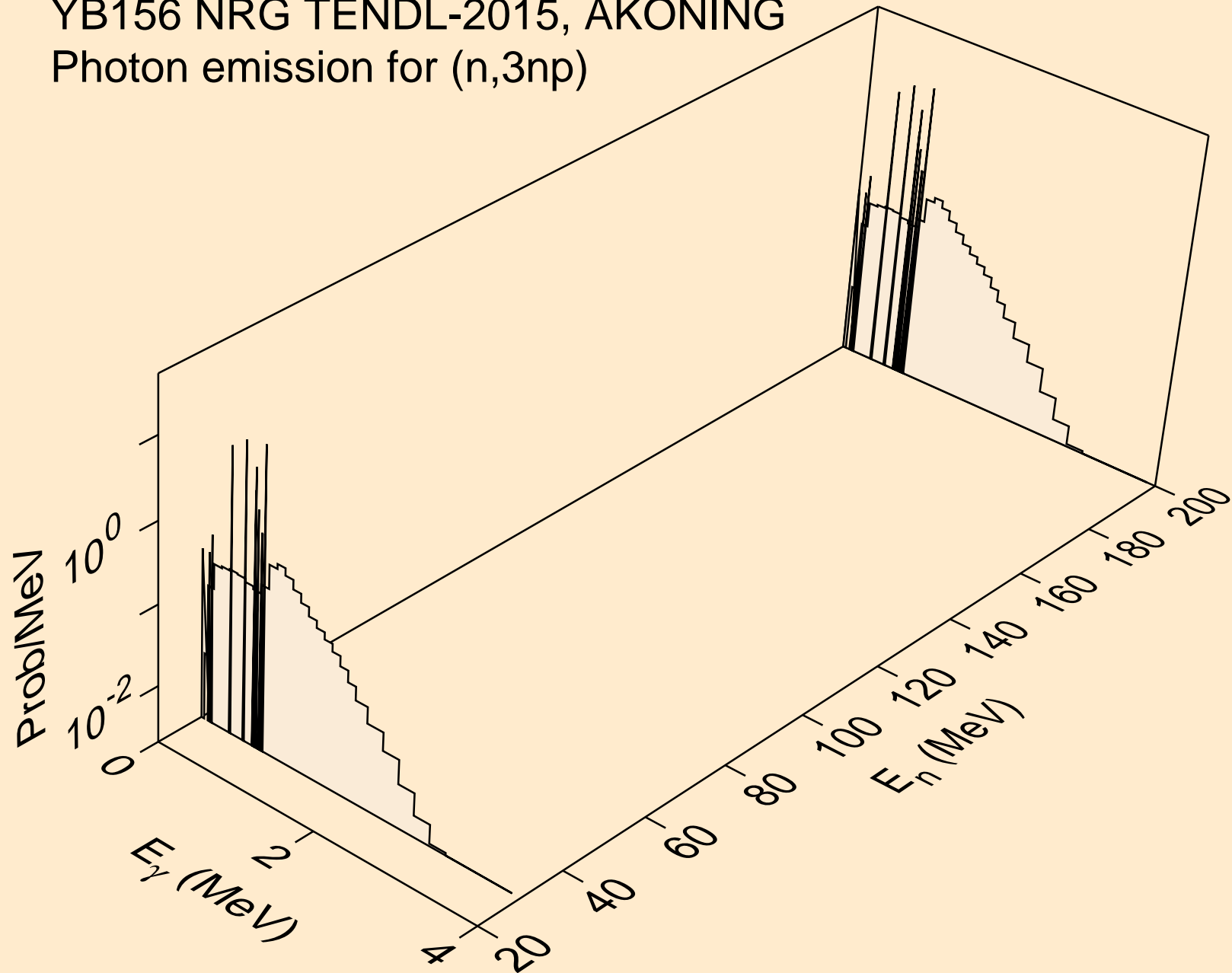




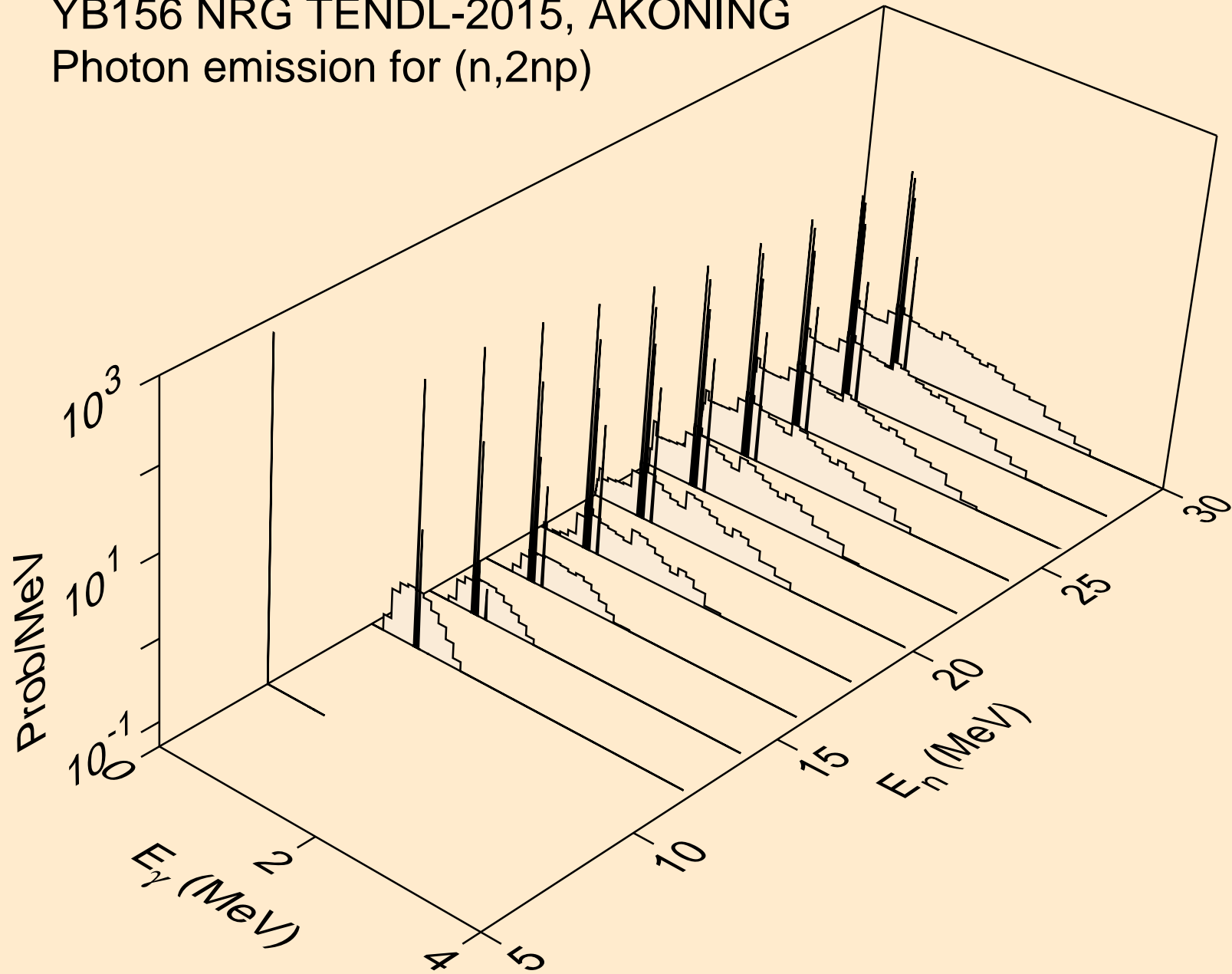
YB156 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



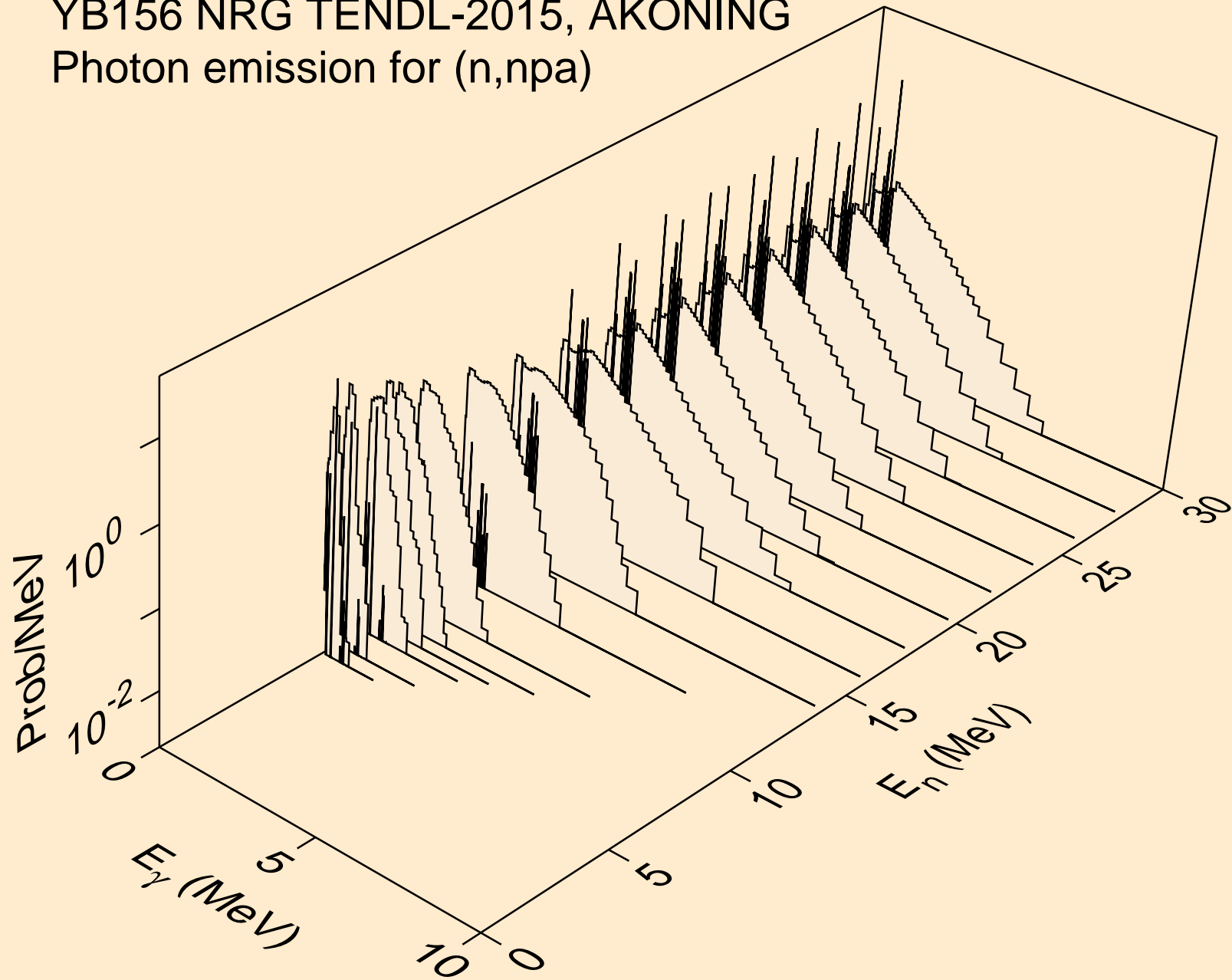
YB156 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



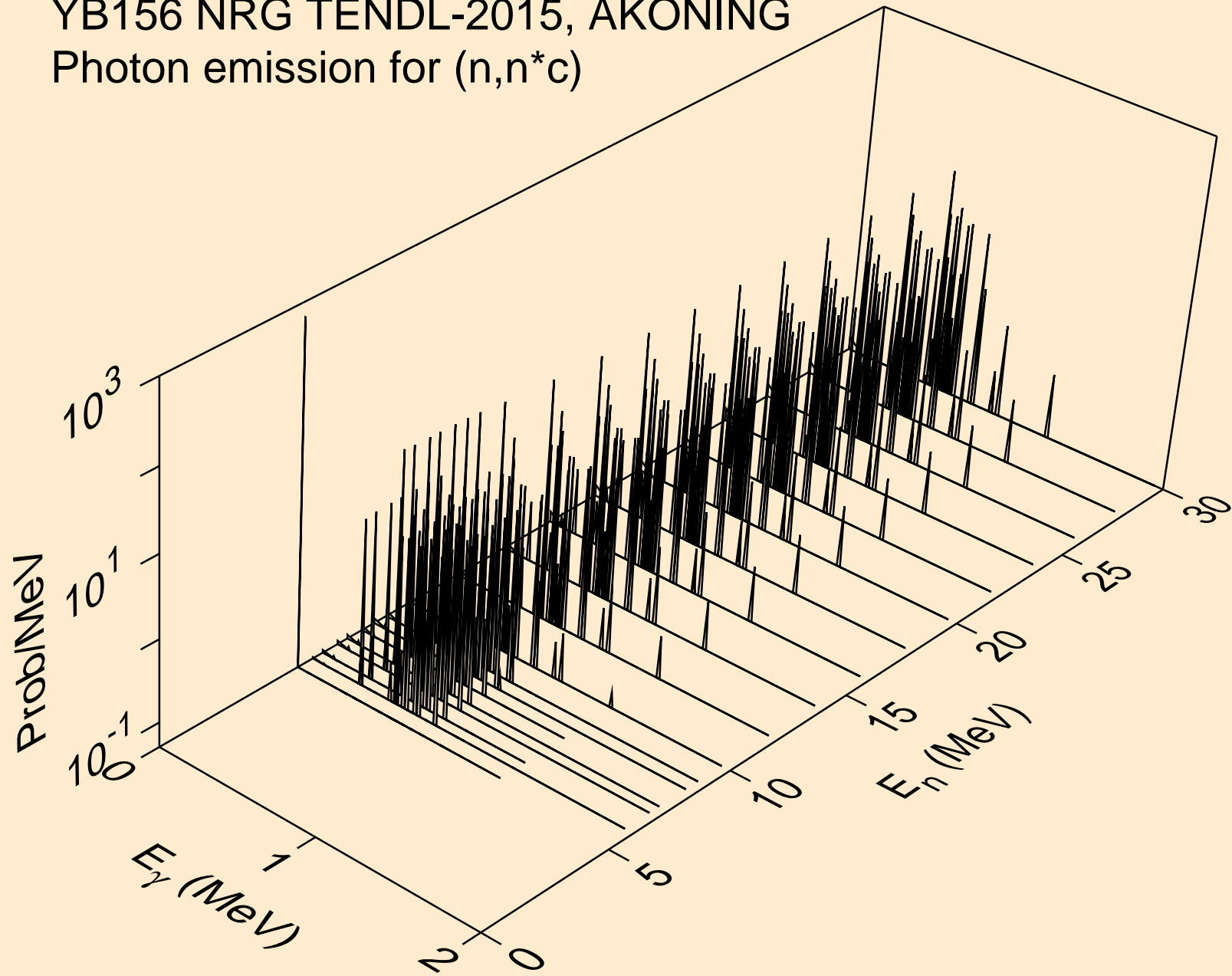
YB156 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



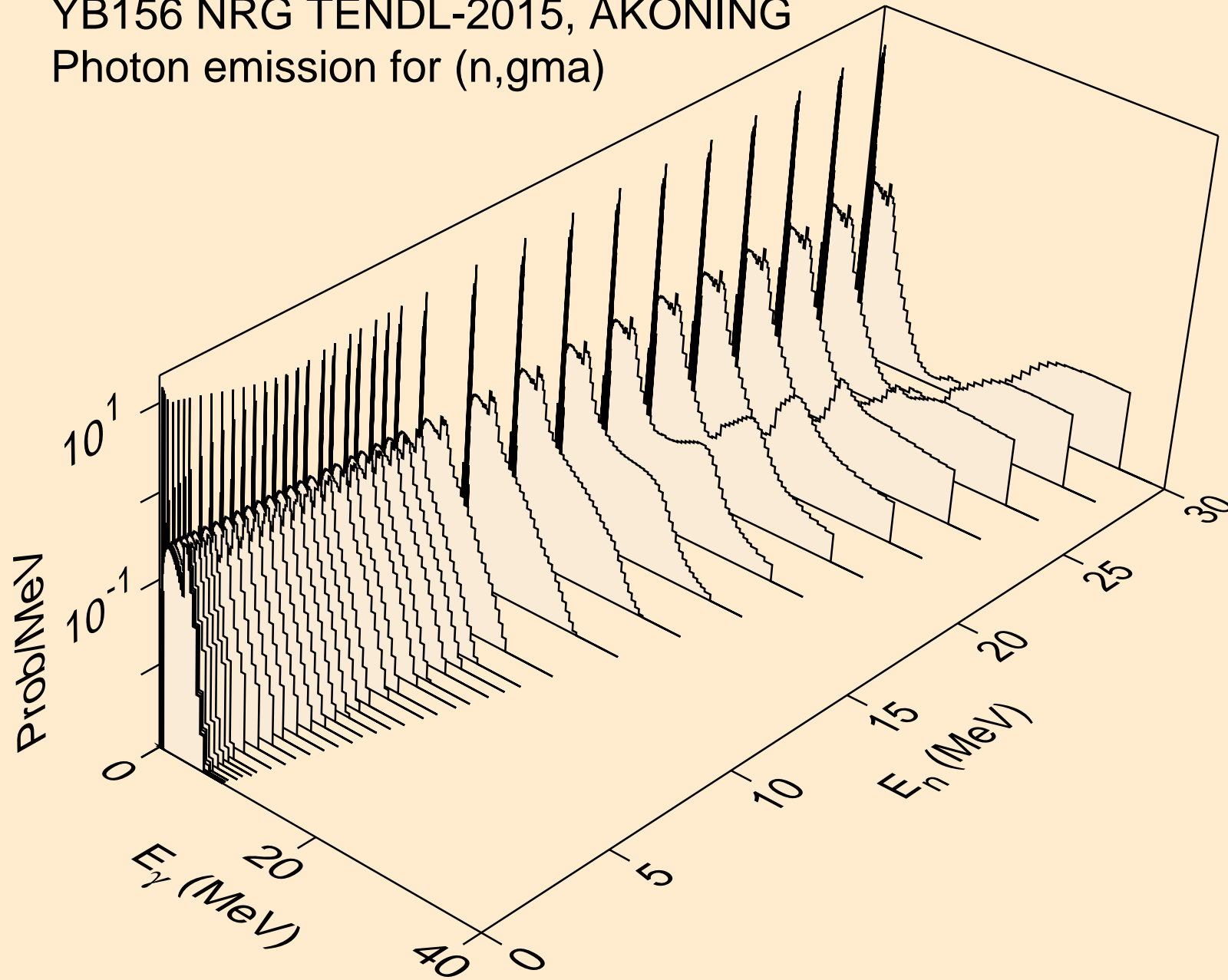
YB156 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



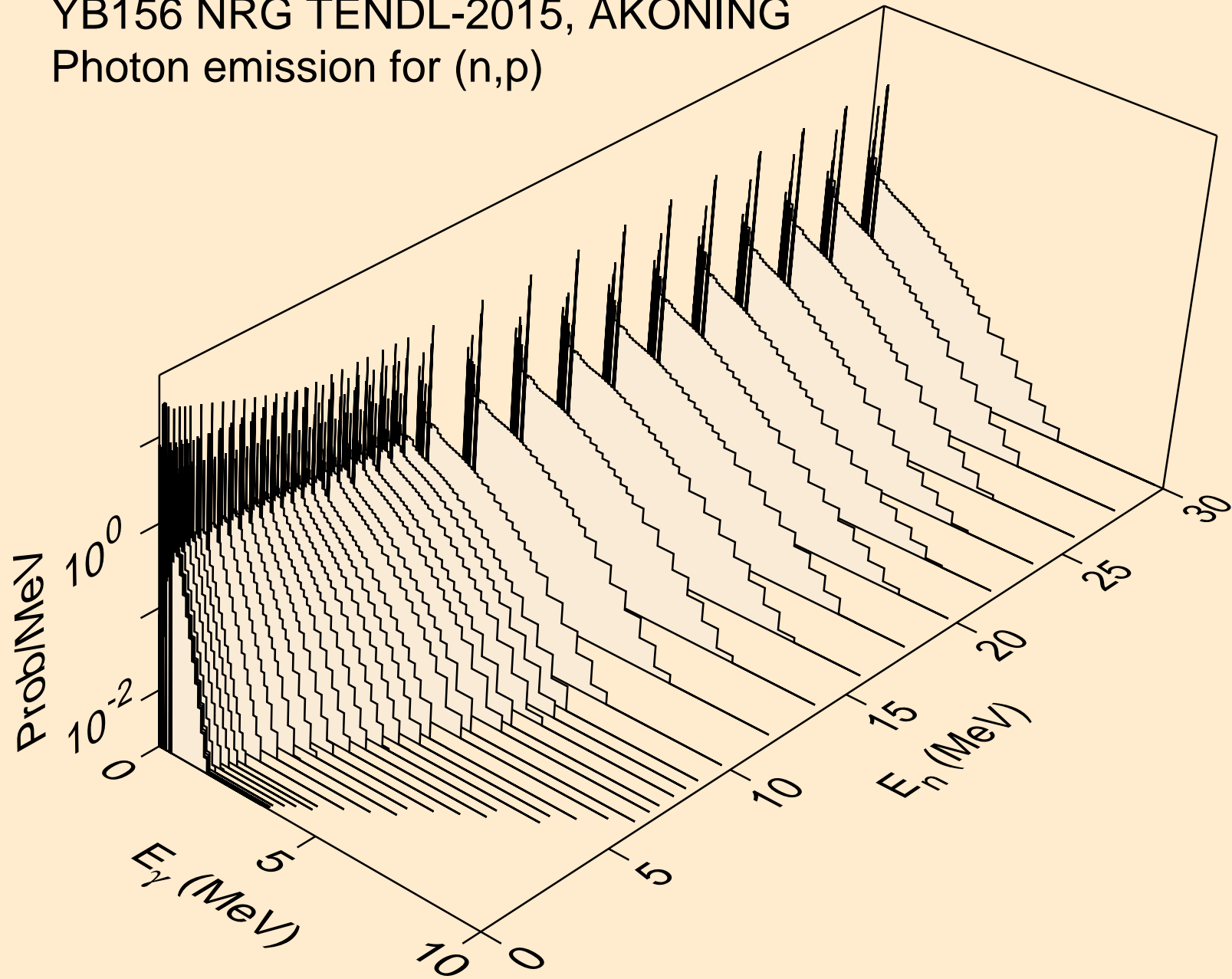
YB156 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



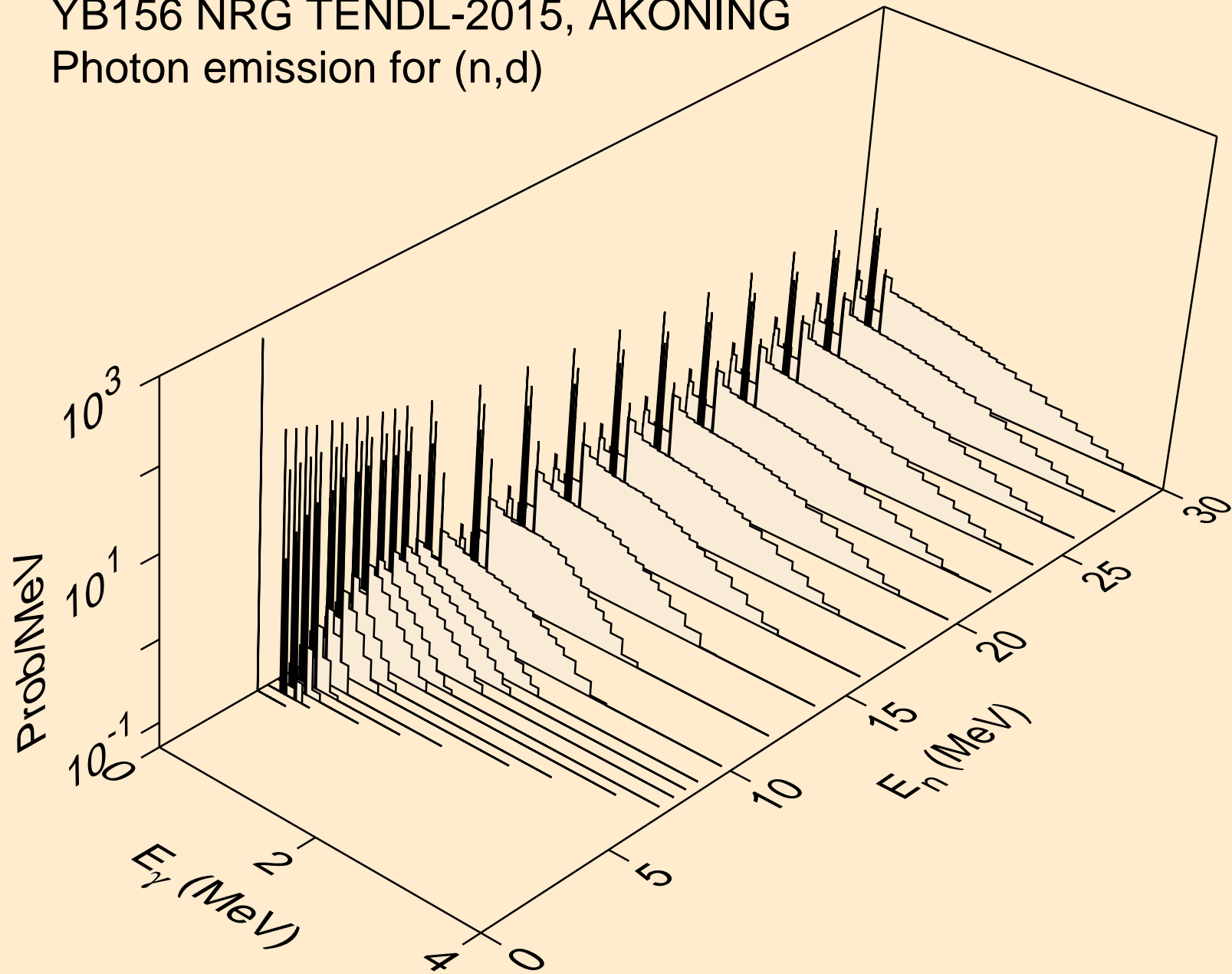
YB156 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



YB156 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

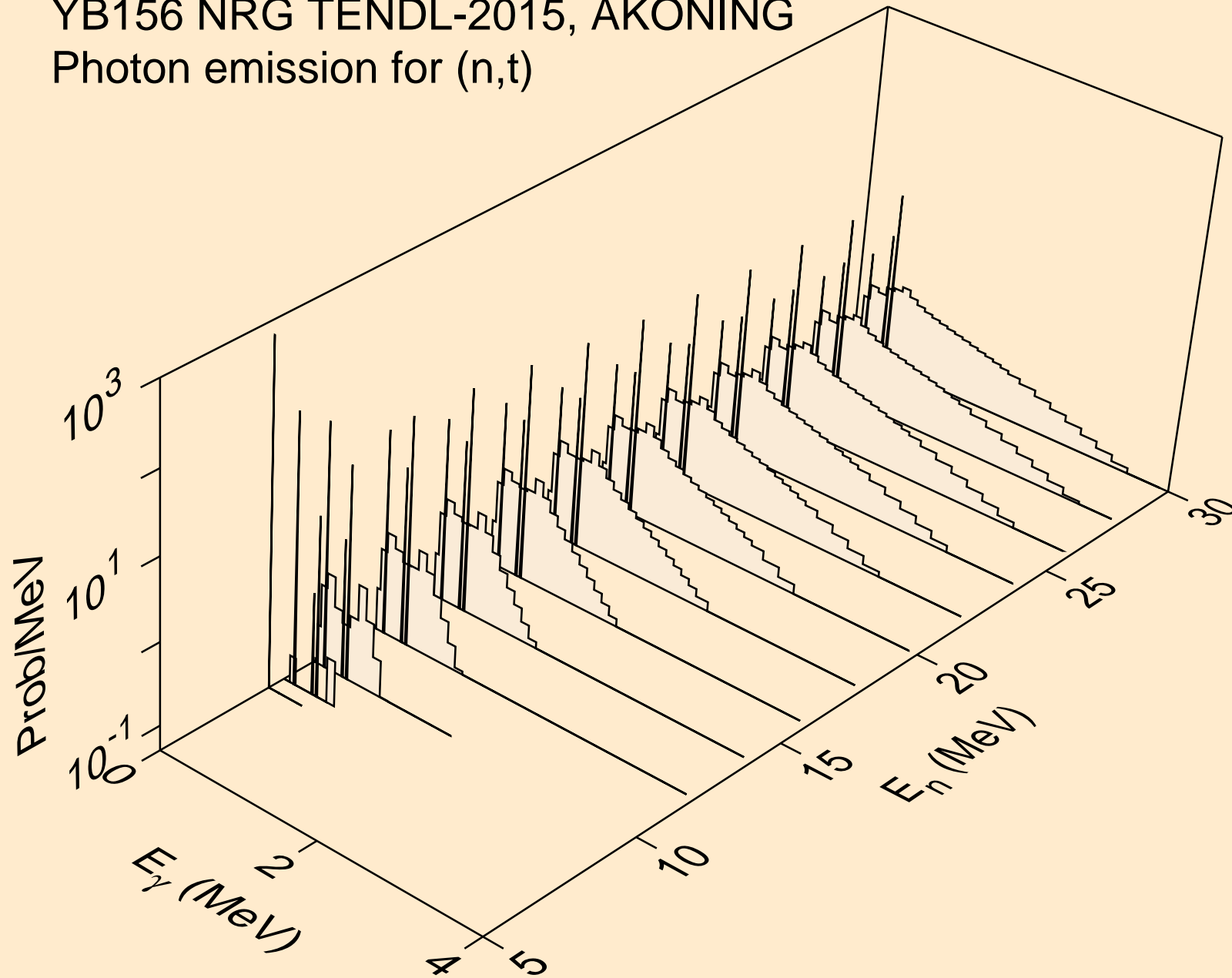


YB156 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

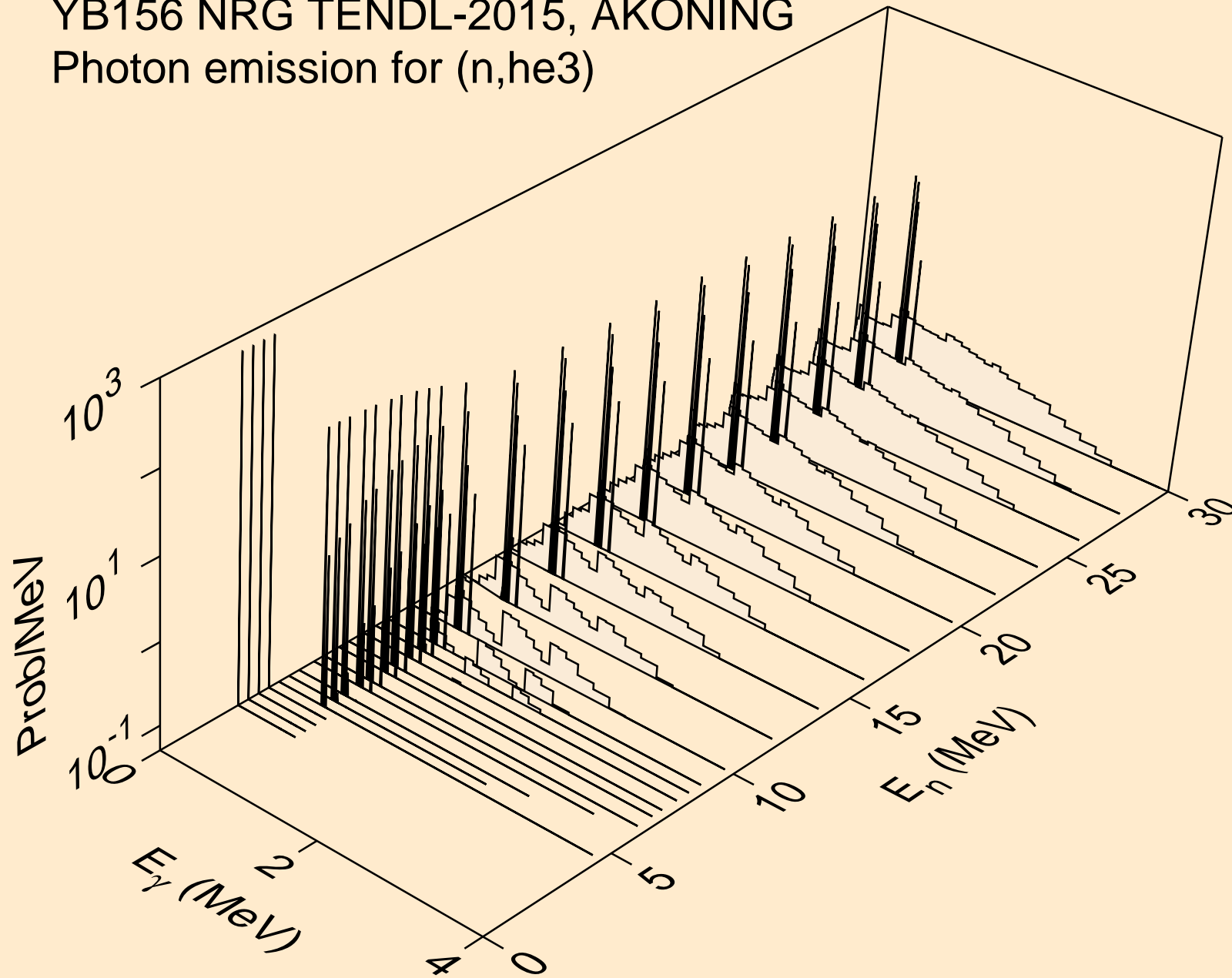




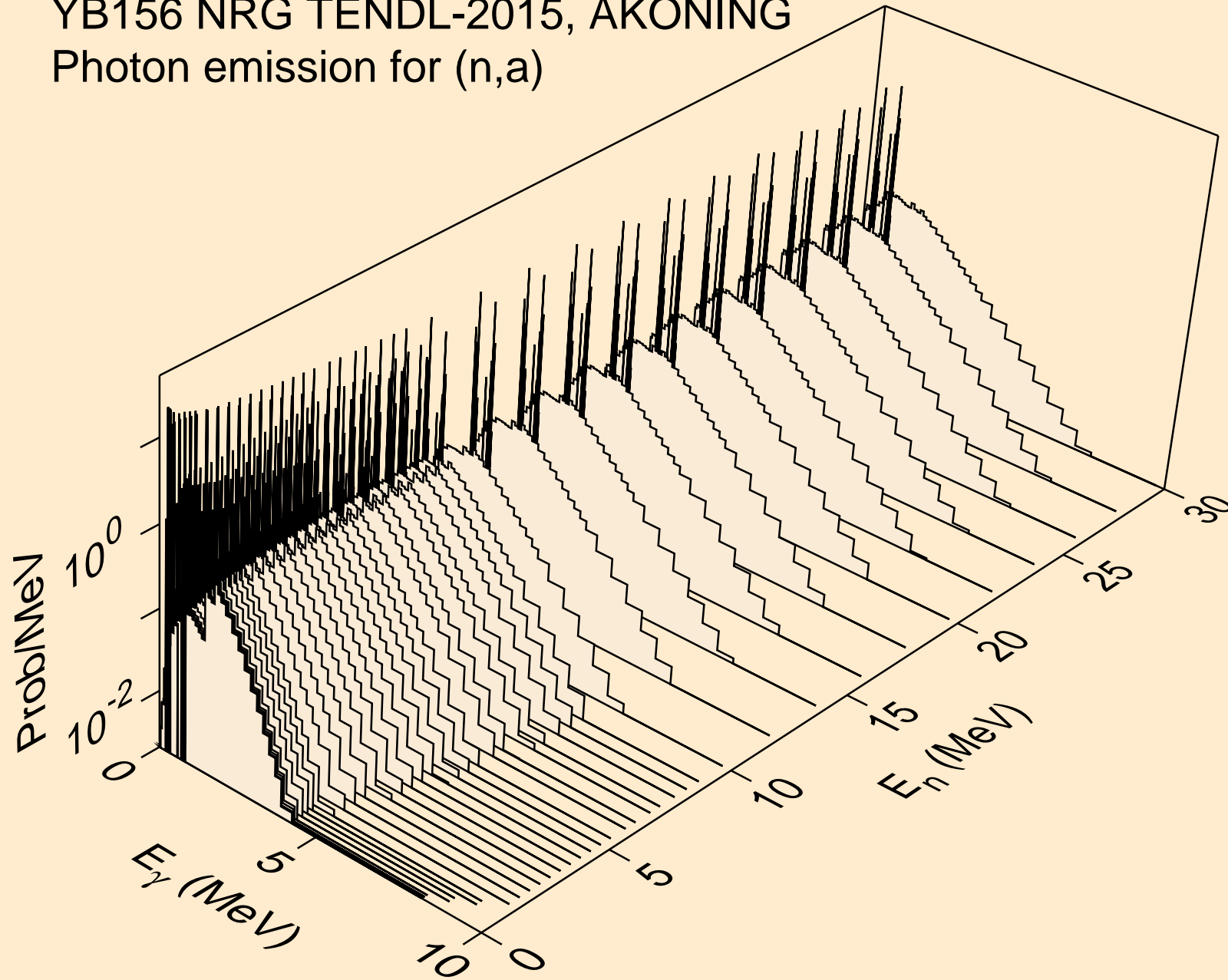
YB156 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



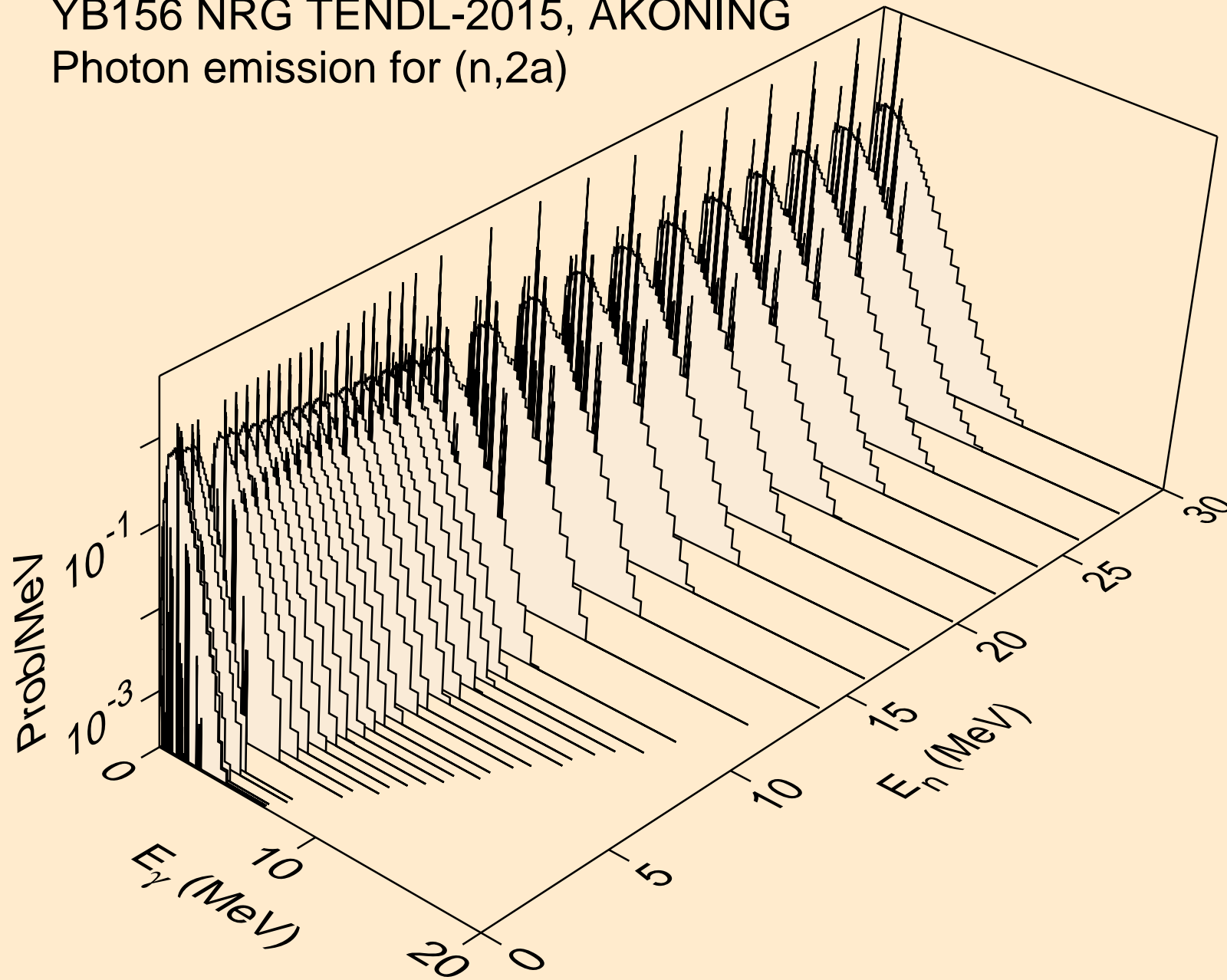
YB156 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



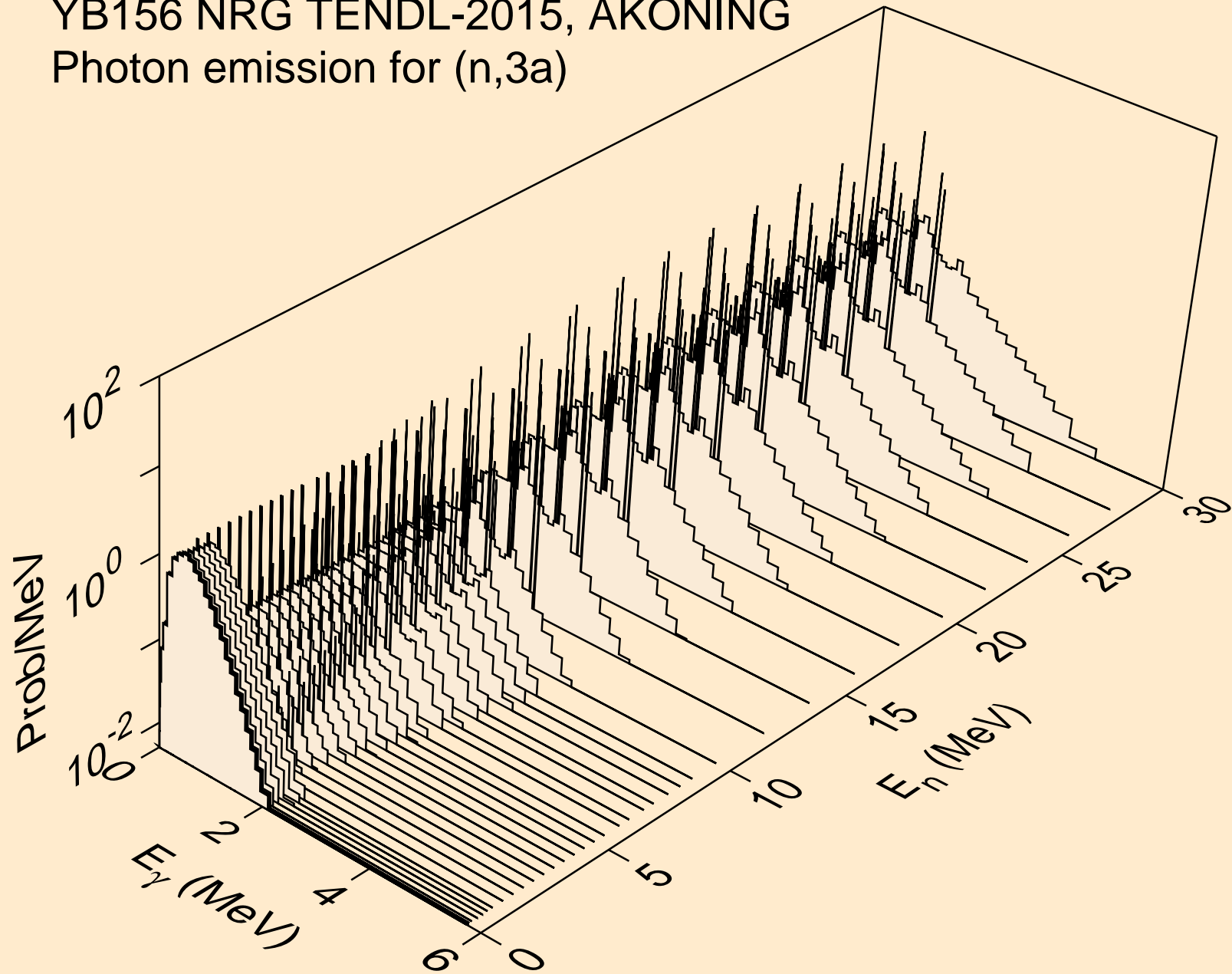
YB156 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



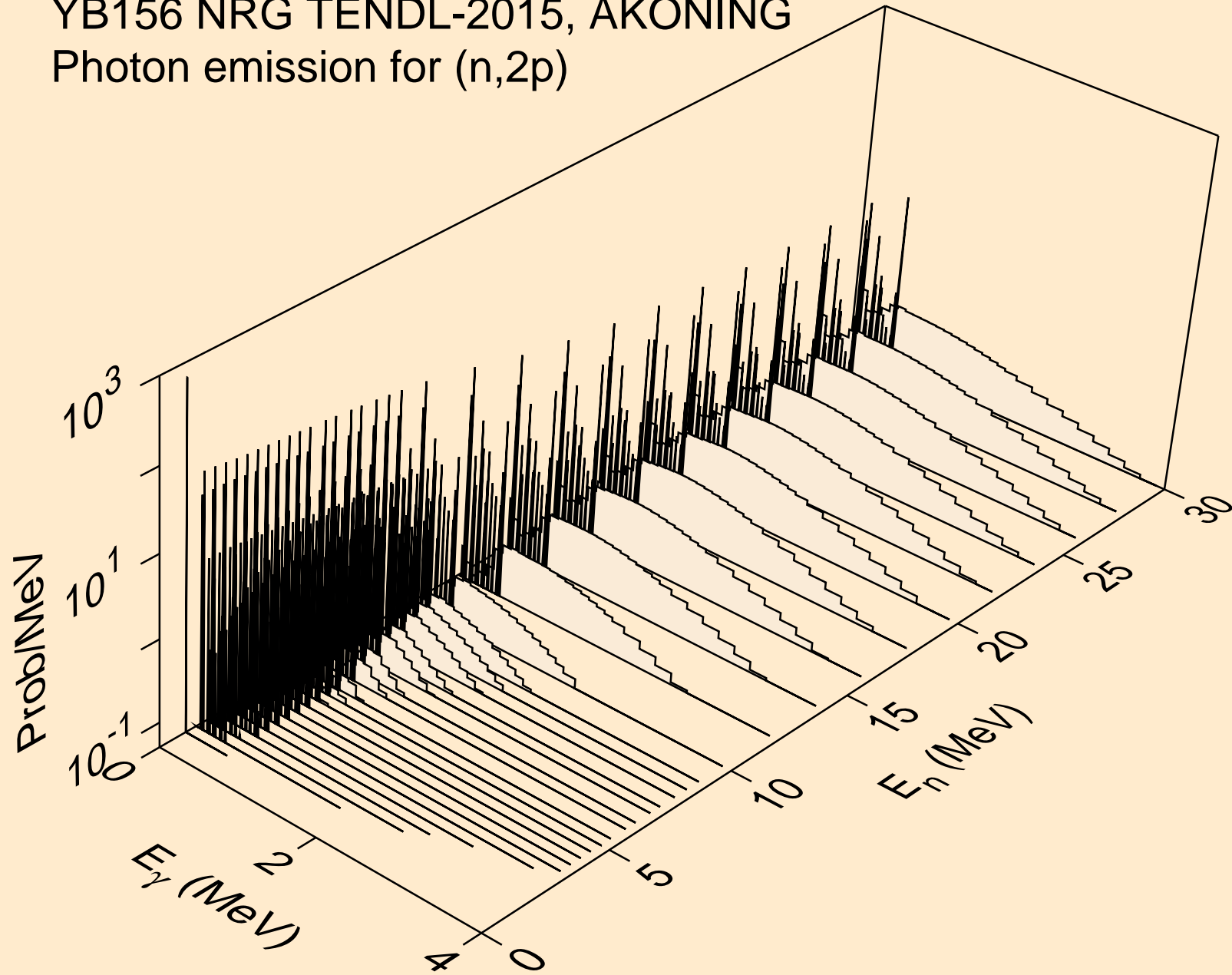
YB156 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



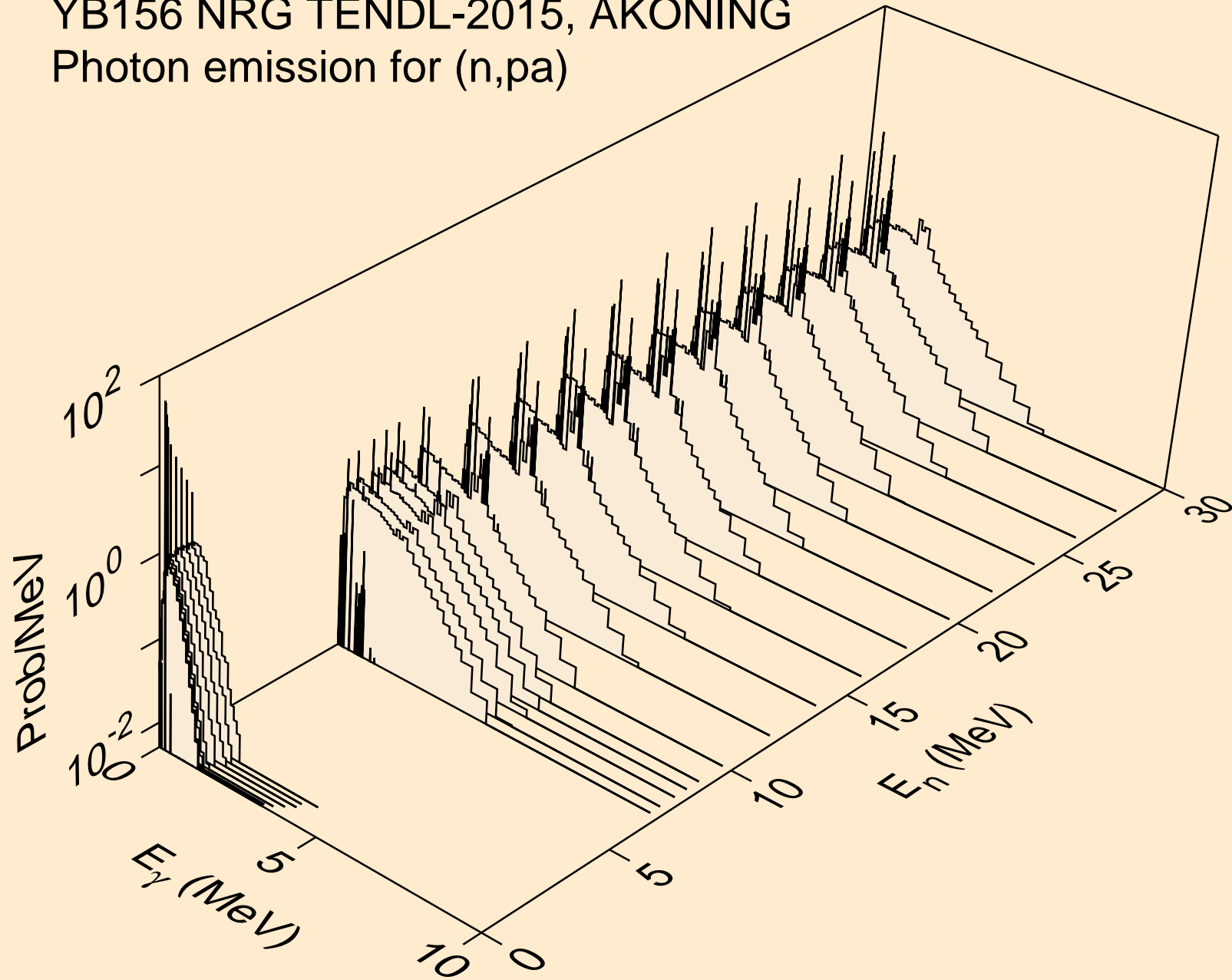
YB156 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



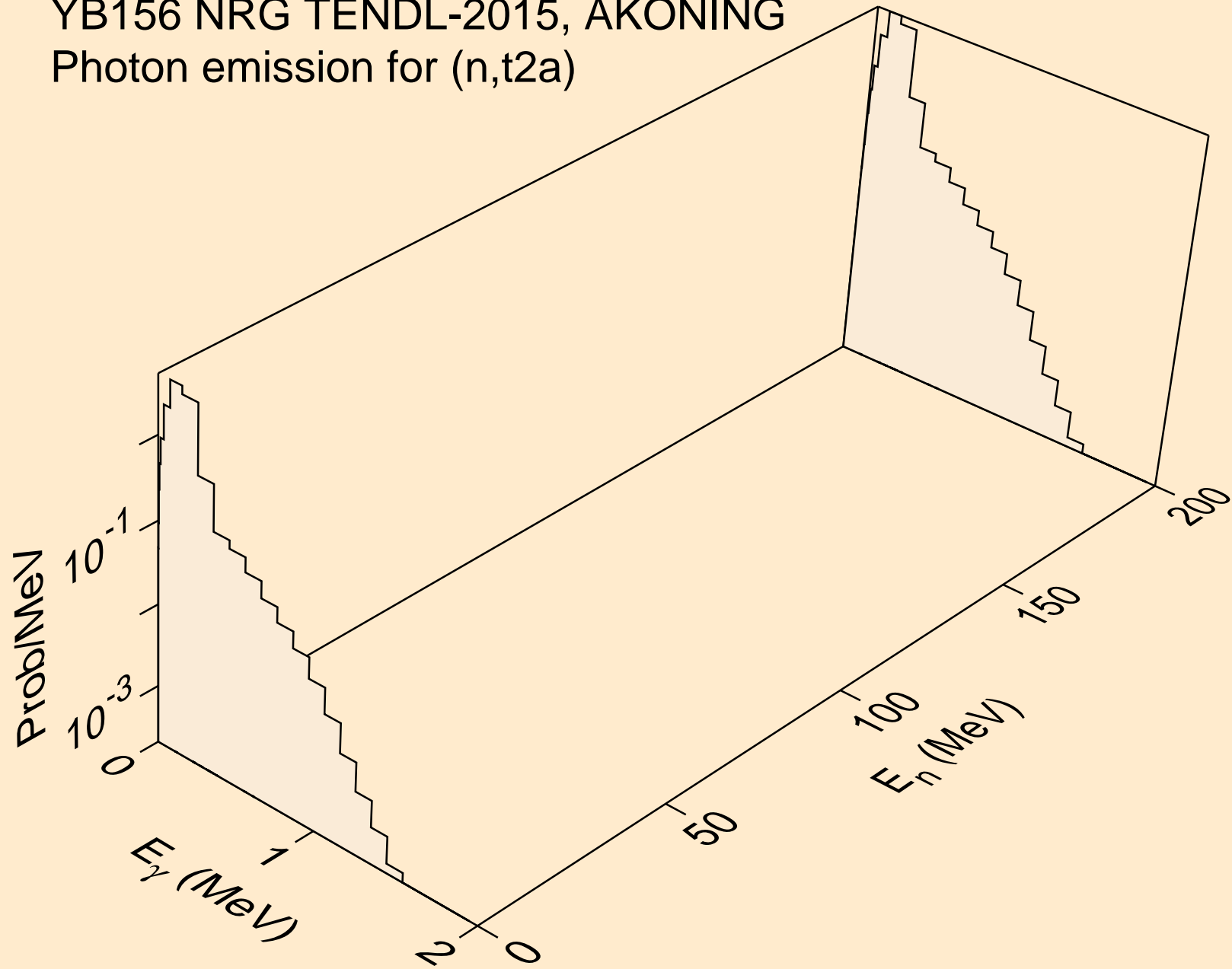
YB156 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



YB156 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )

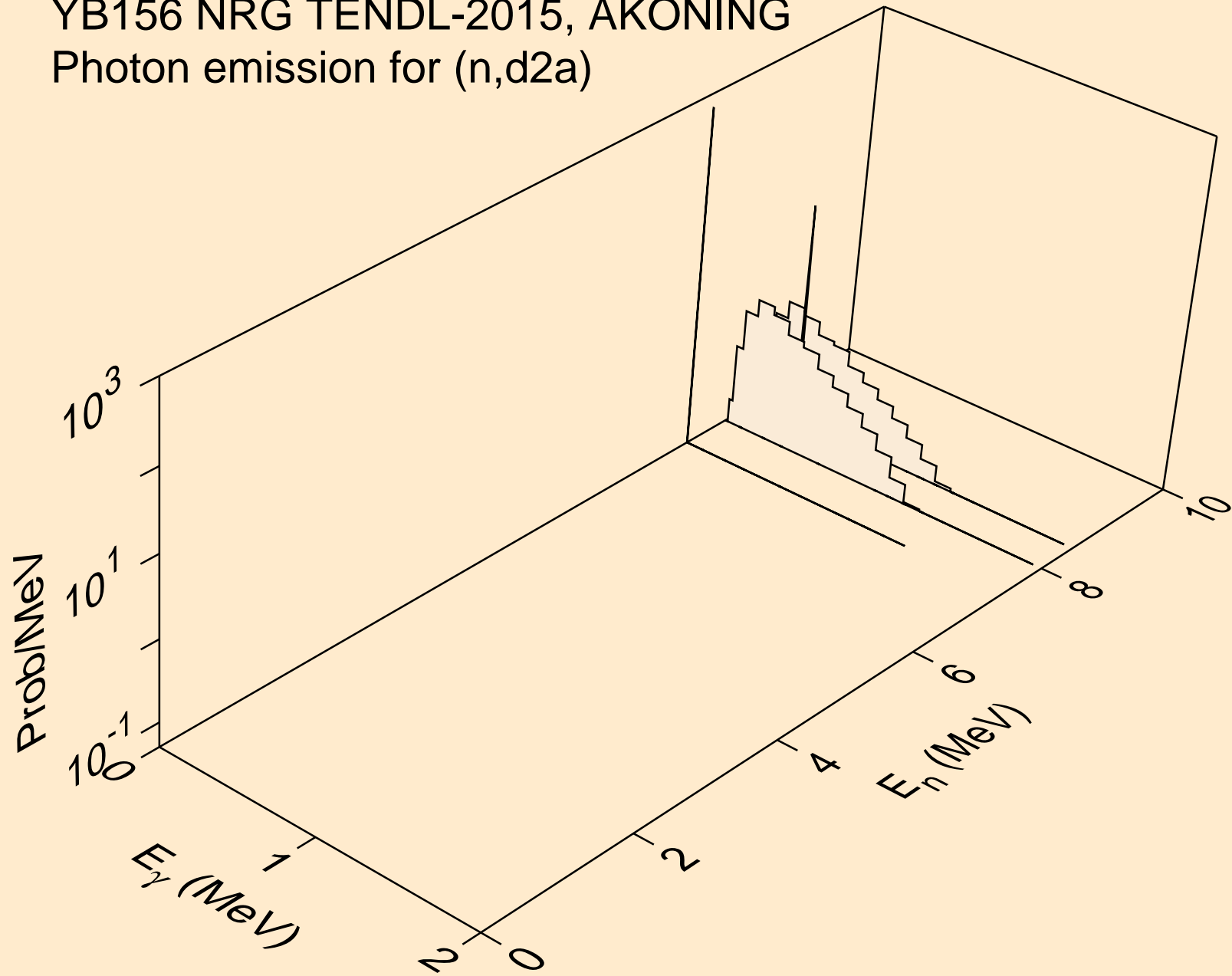


YB156 NRG TENDL-2015, AKONING  
Photon emission for (n,t2a)

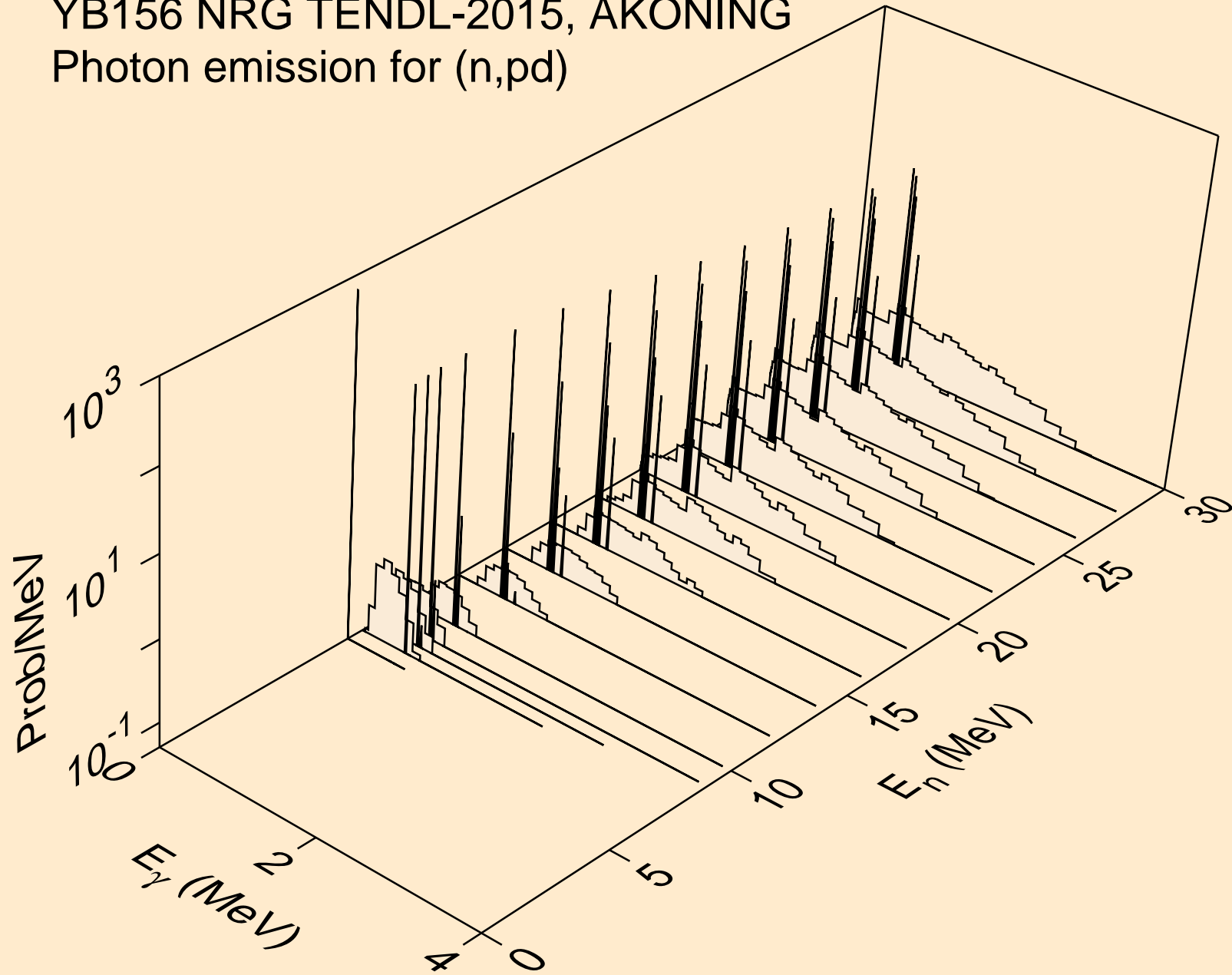




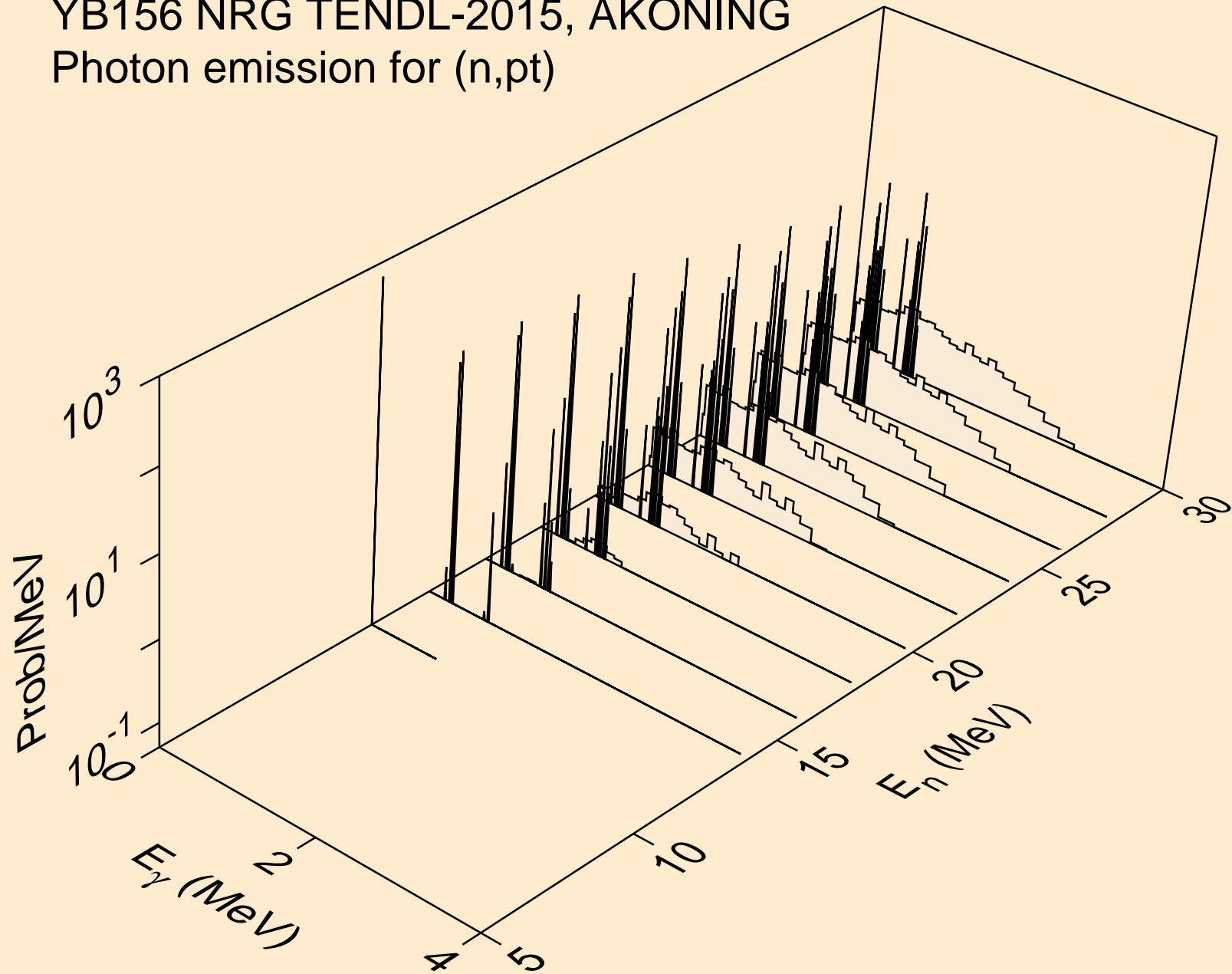
YB156 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)



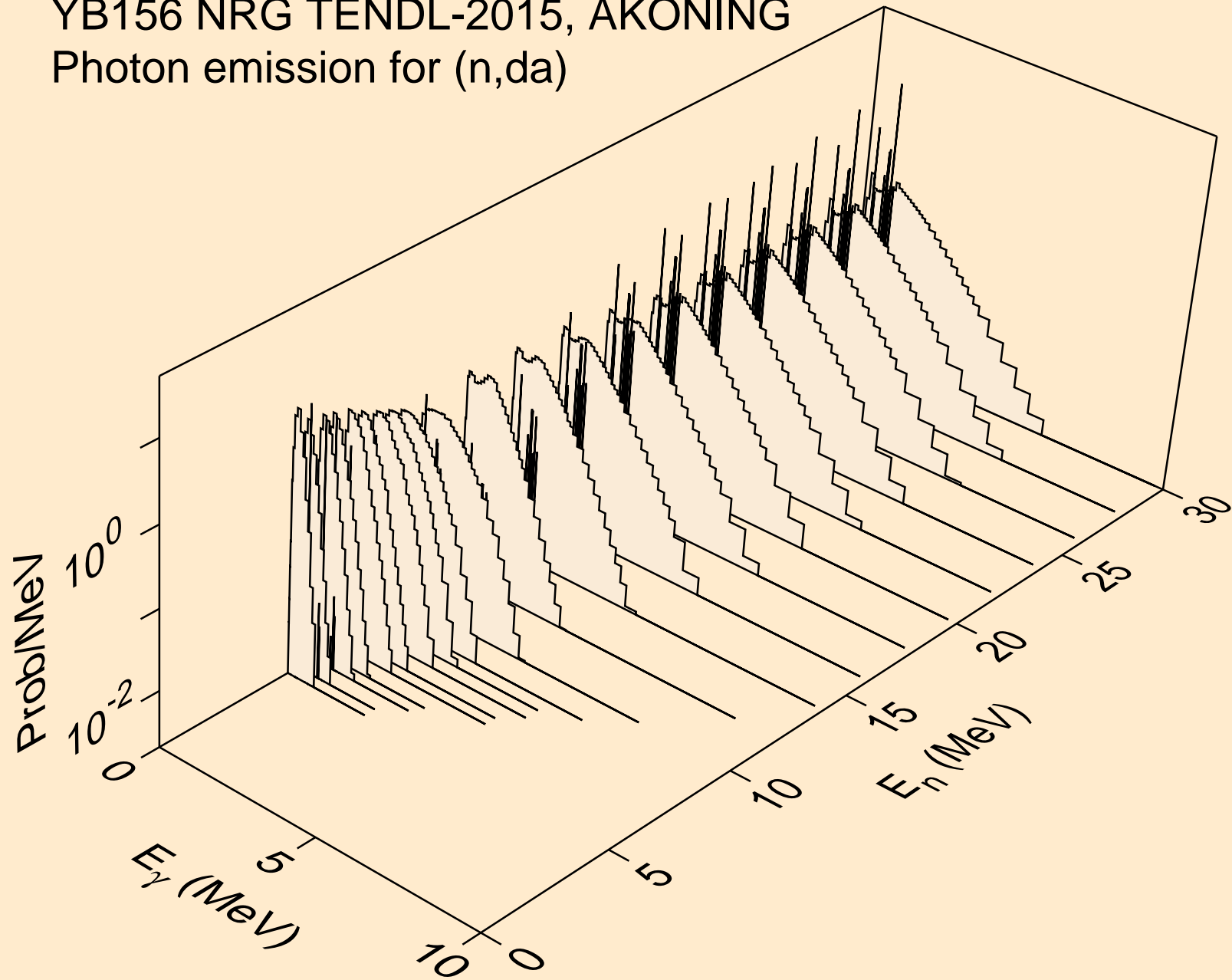
YB156 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



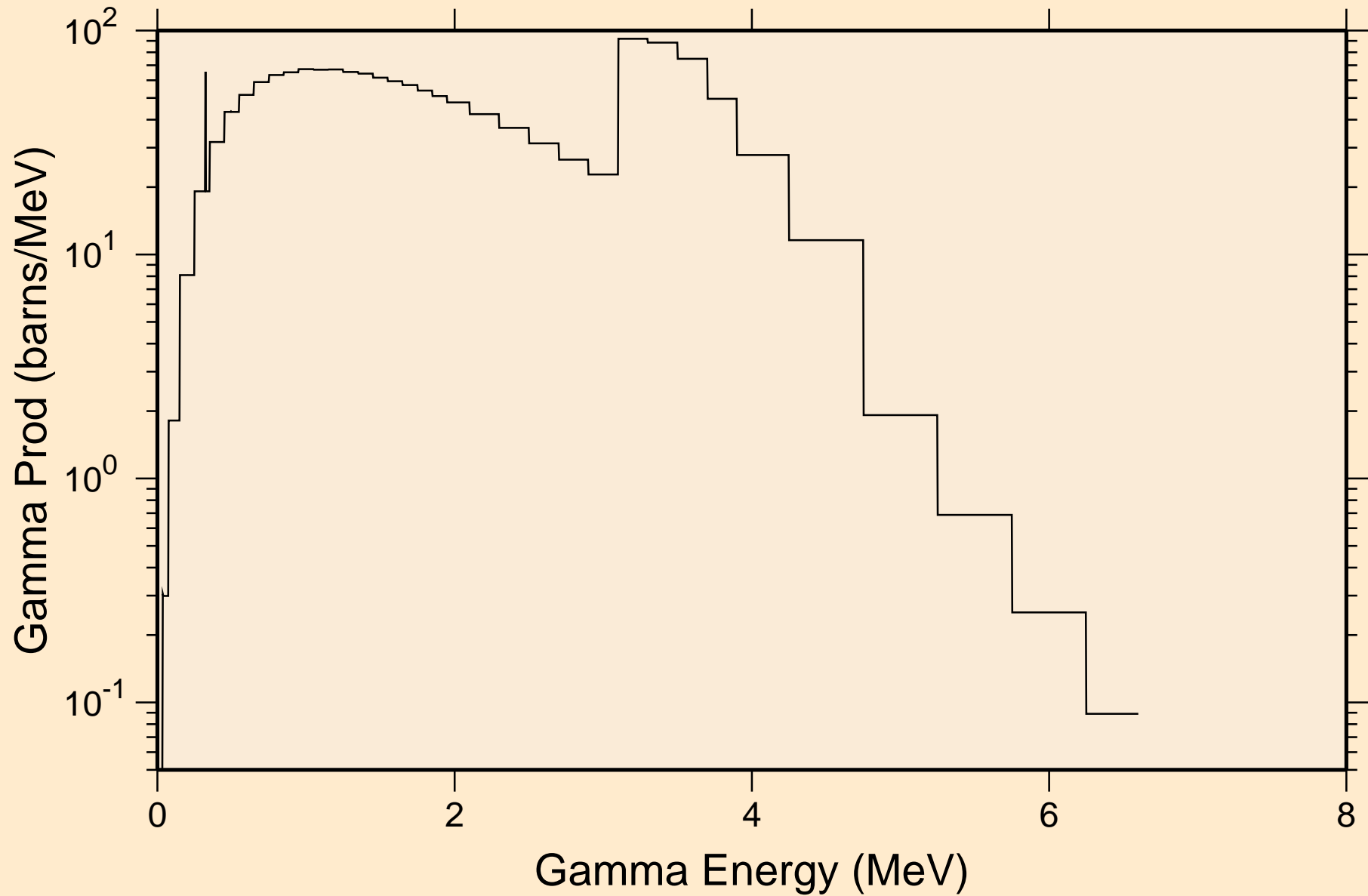
YB156 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



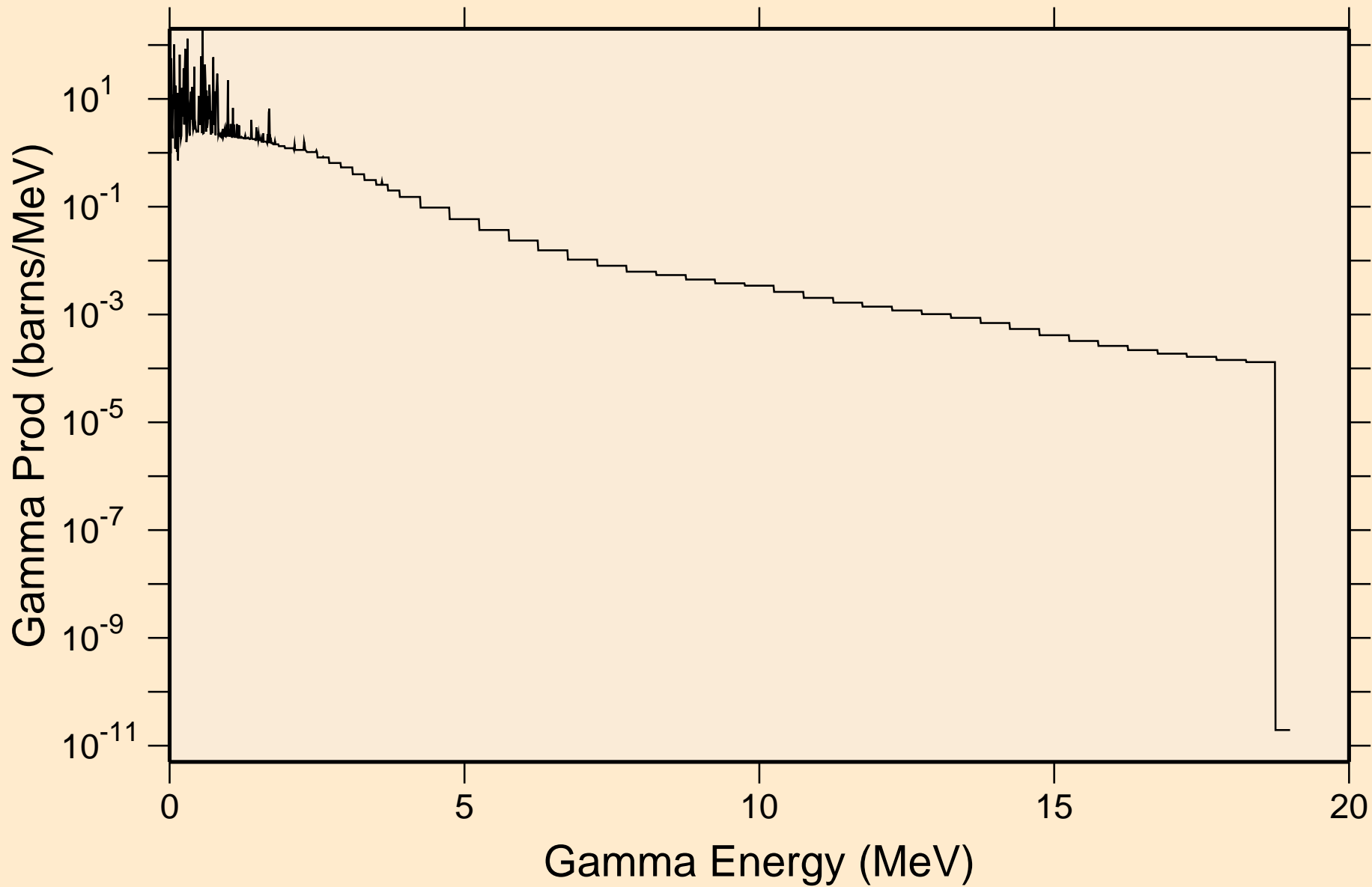
YB156 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



YB156 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

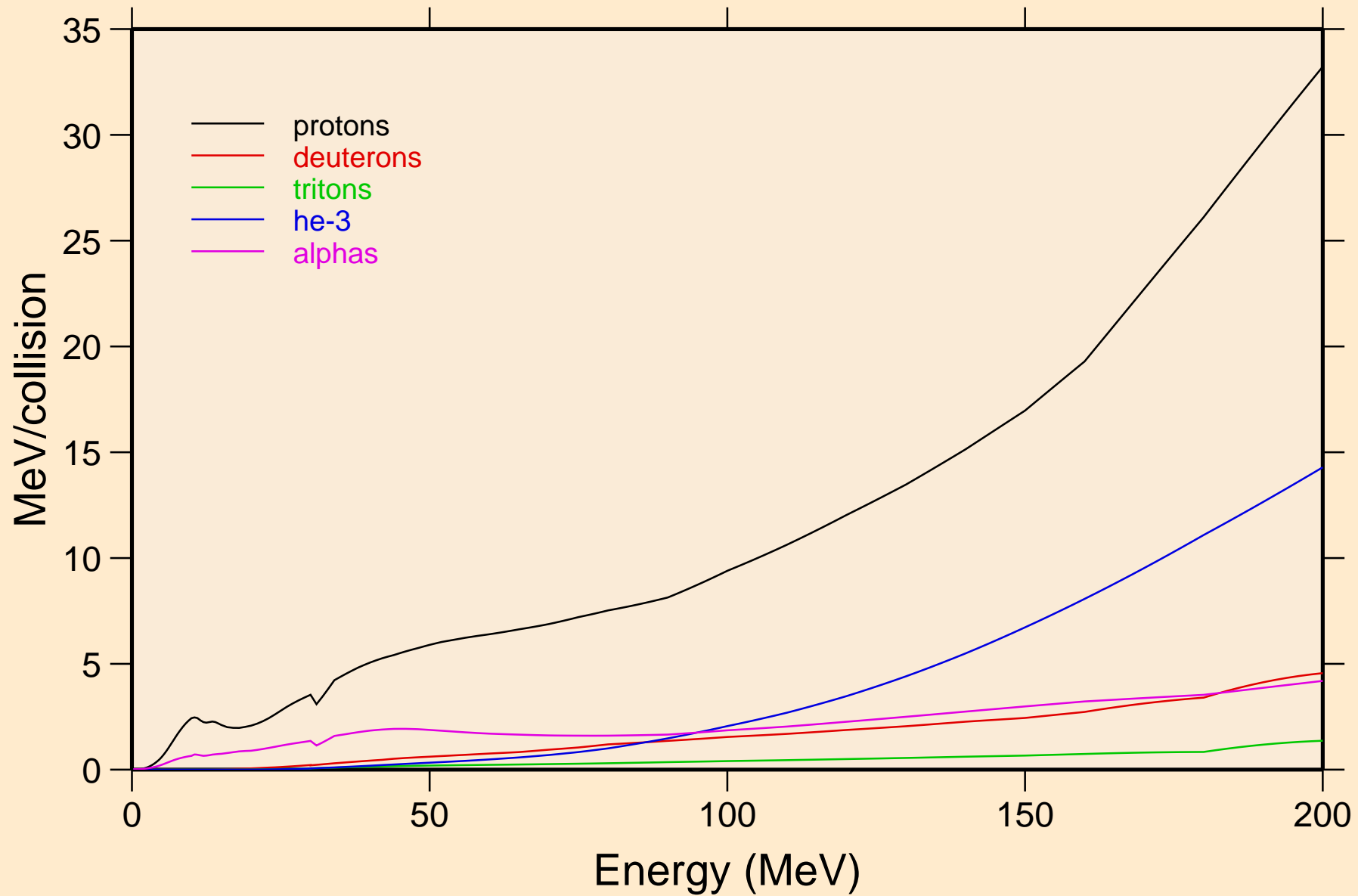


YB156 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



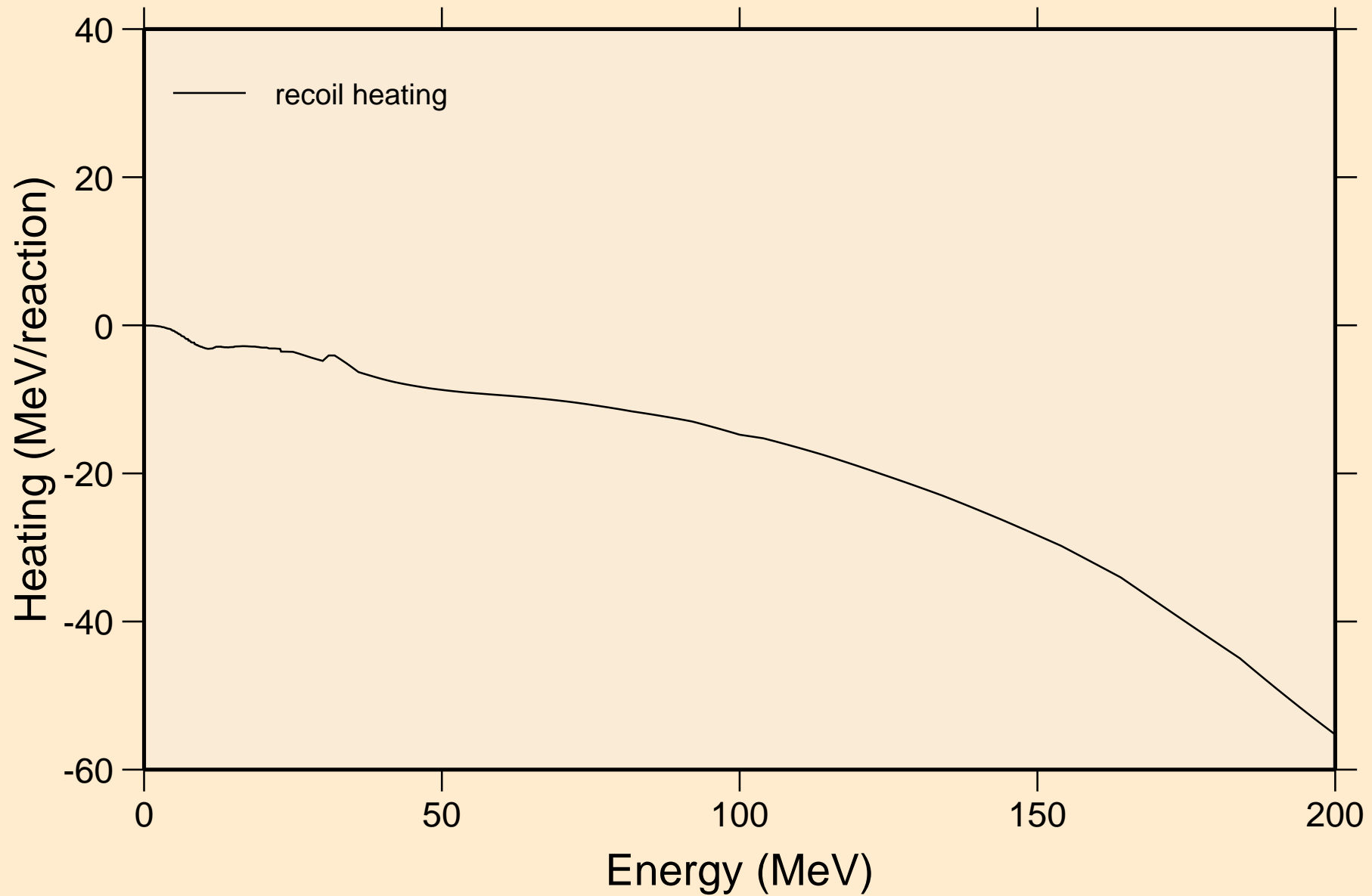
# YB156 NRG TENDL-2015, AKONING

## Particle heating contributions



# YB156 NRG TENDL-2015, AKONING

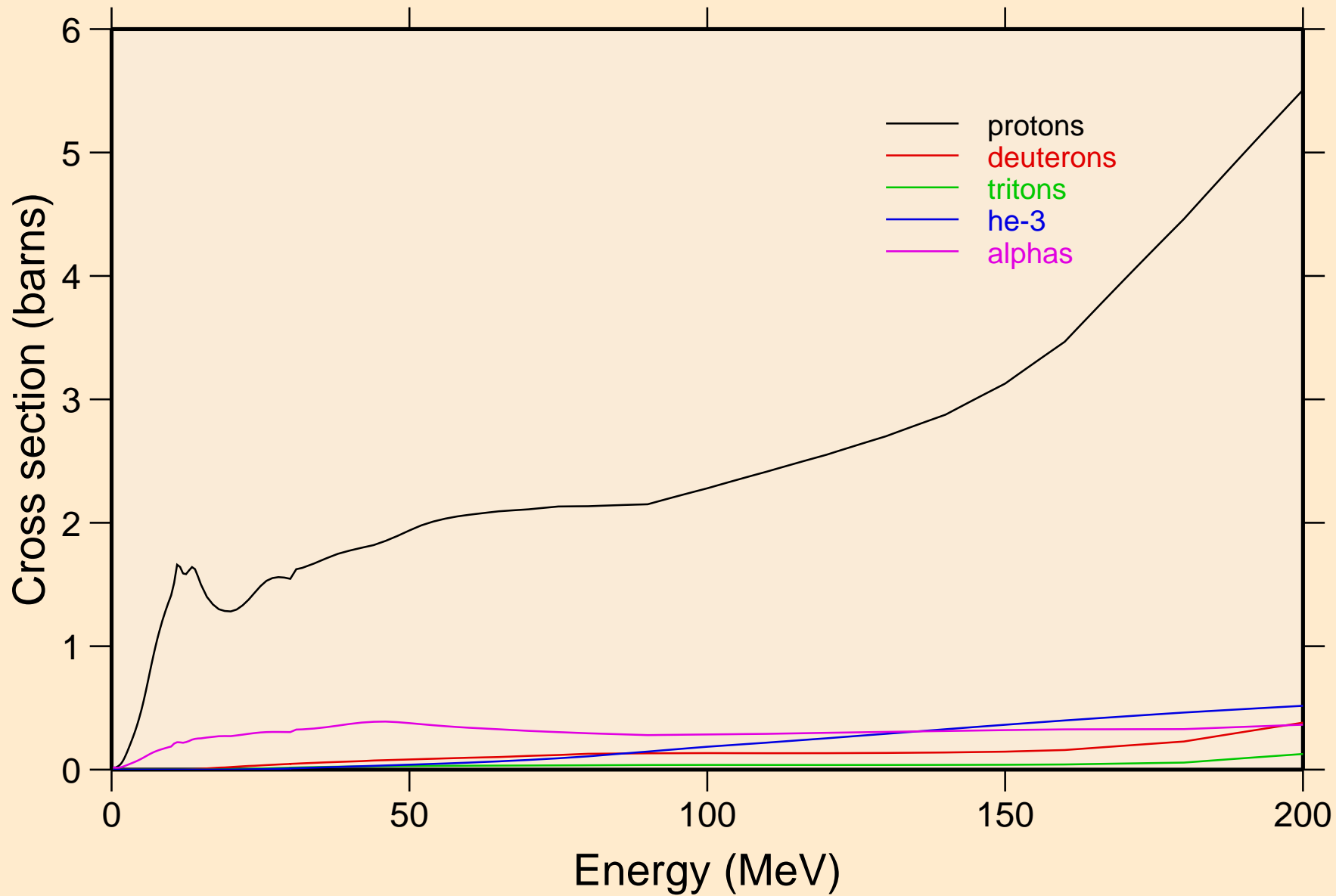
## Recoil Heating



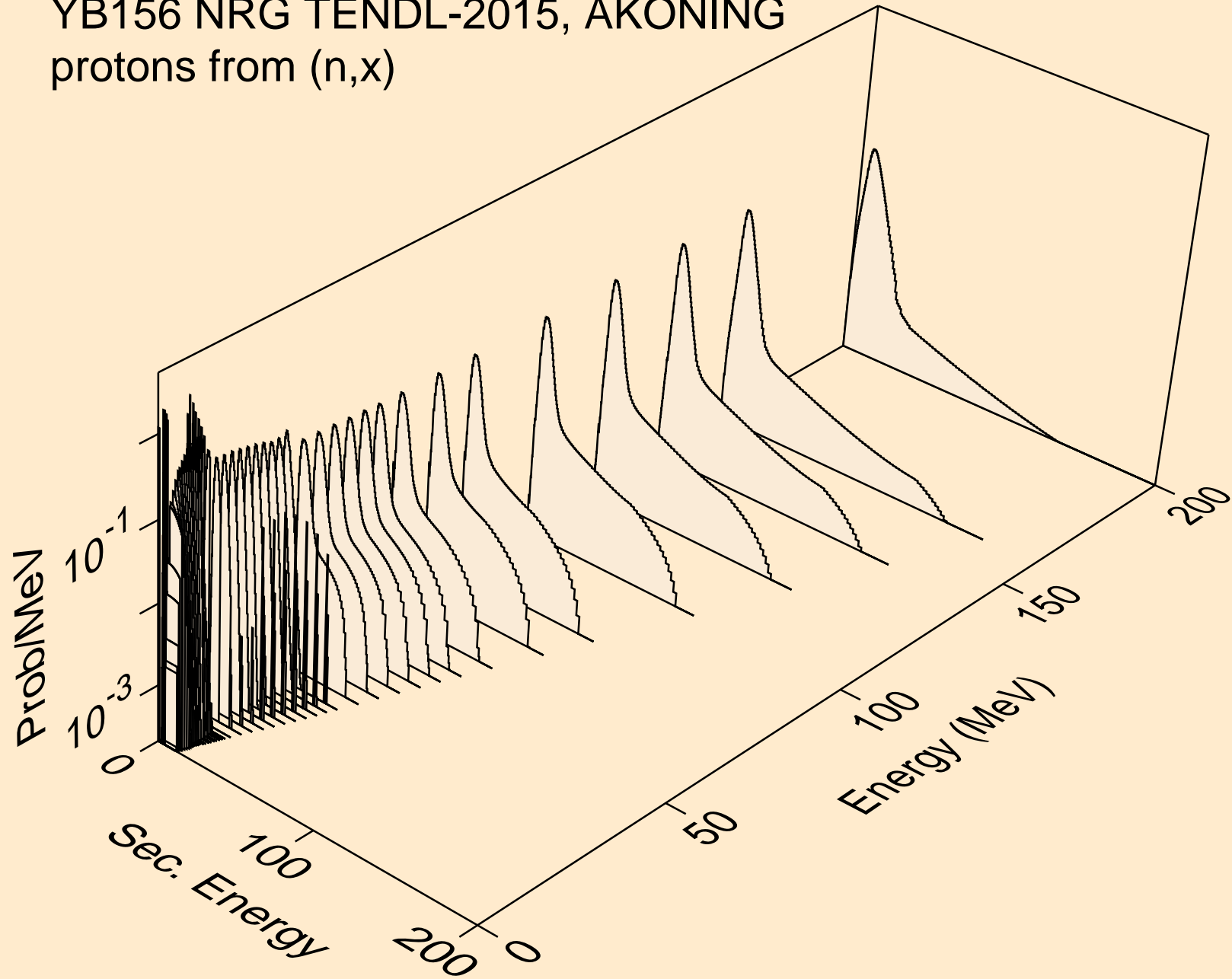


# YB156 NRG TENDL-2015, AKONING

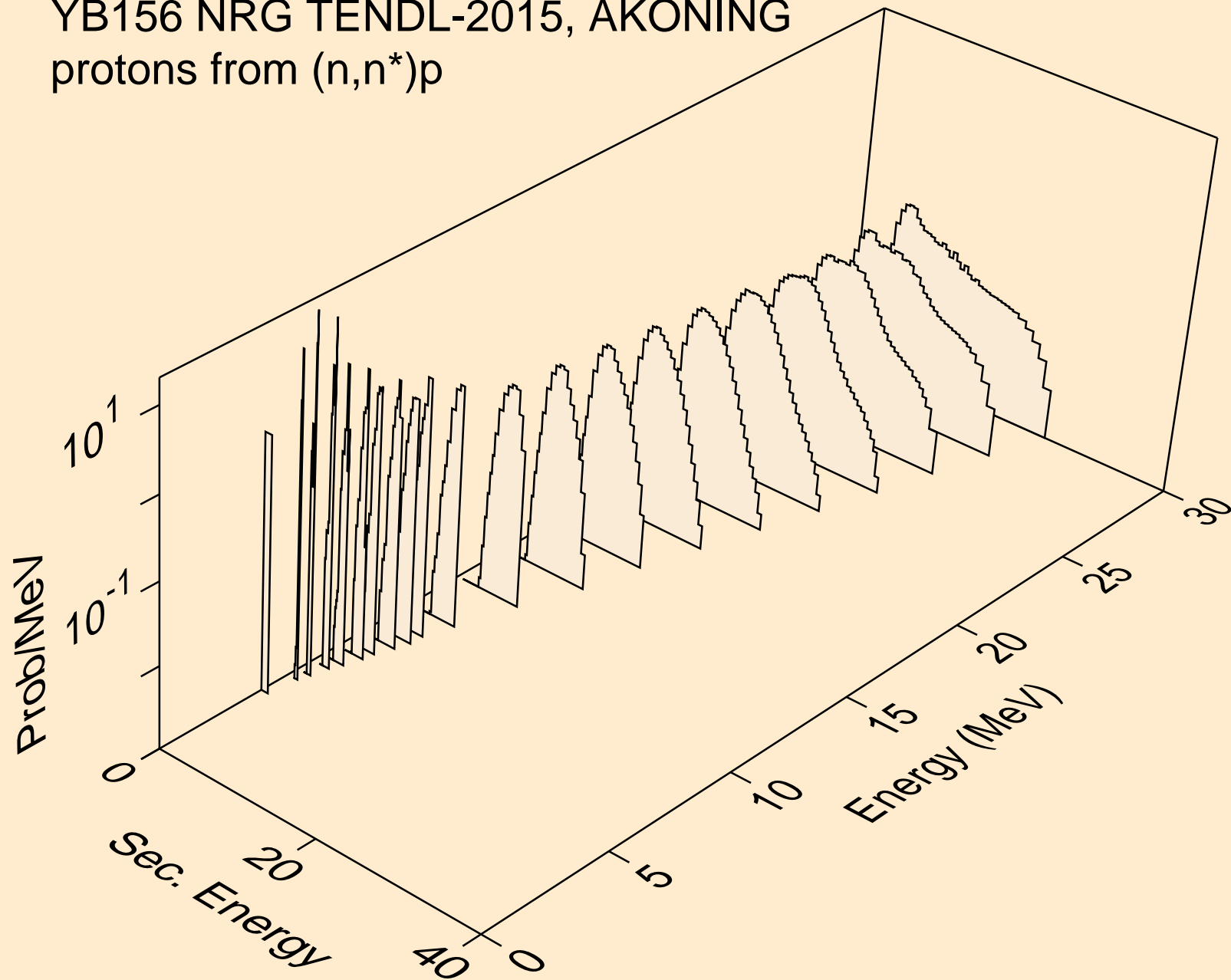
## Particle production cross sections



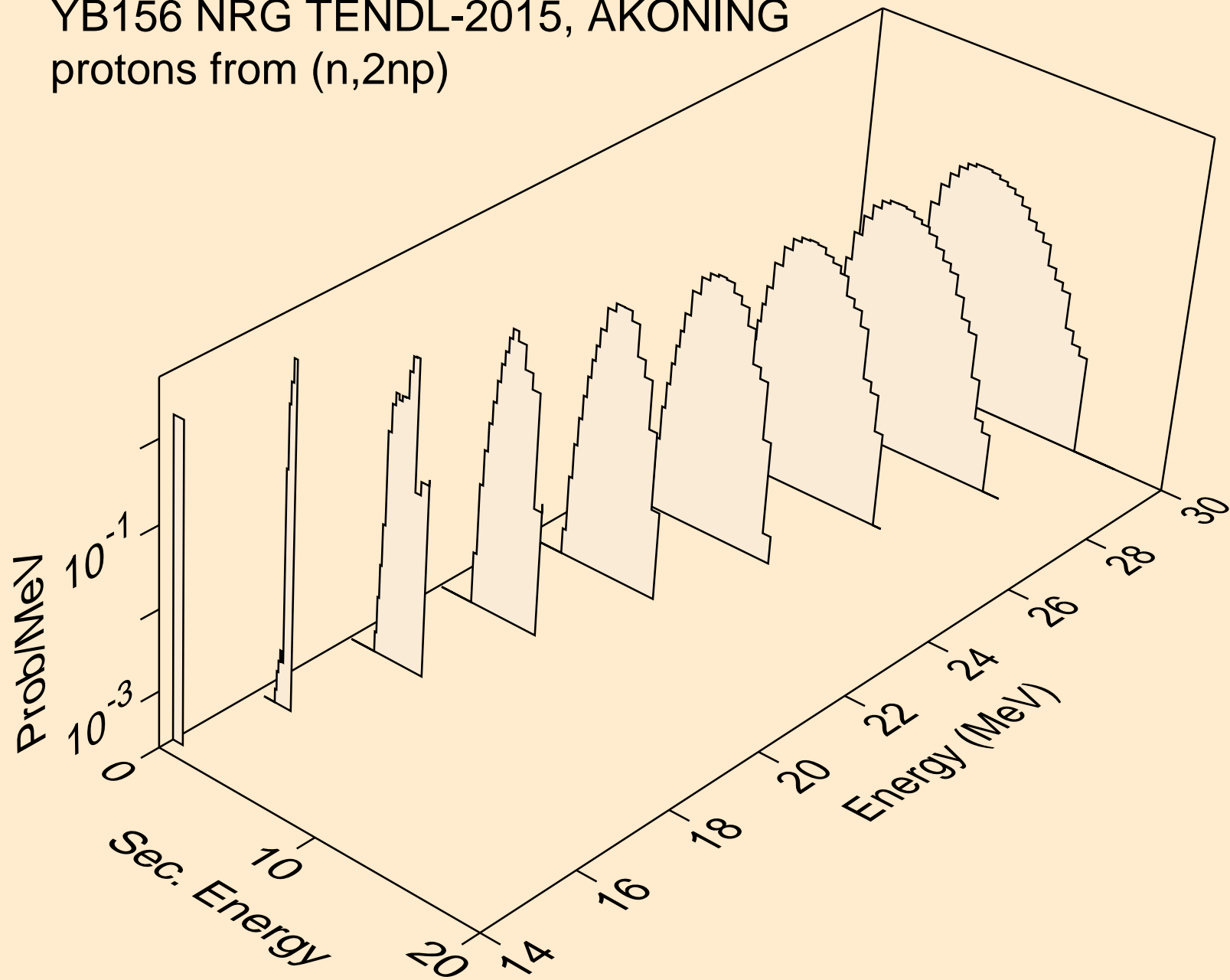
YB156 NRG TENDL-2015, AKONING  
protons from (n,x)



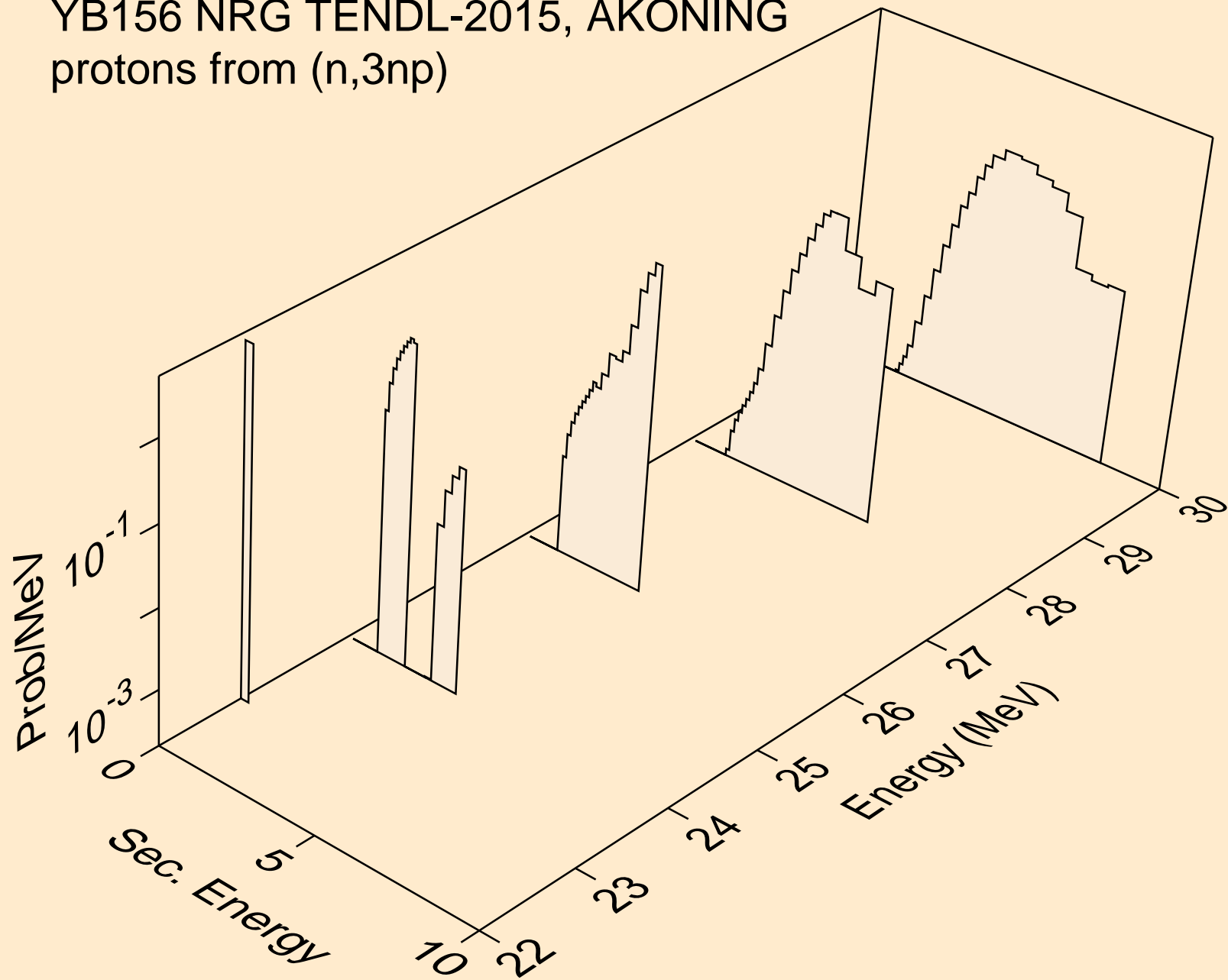
YB156 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



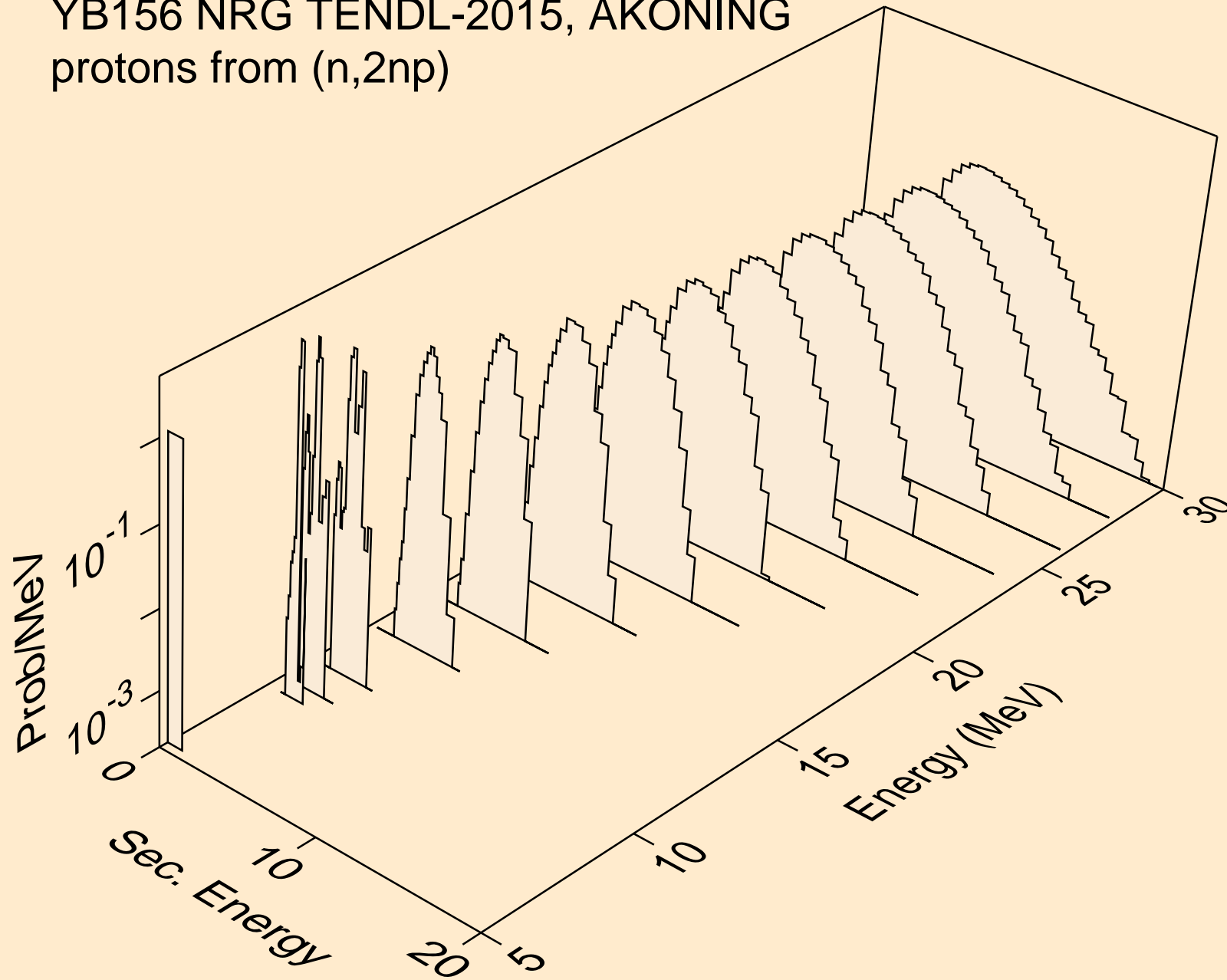
YB156 NRG TENDL-2015, AKONING  
protons from (n,2np)



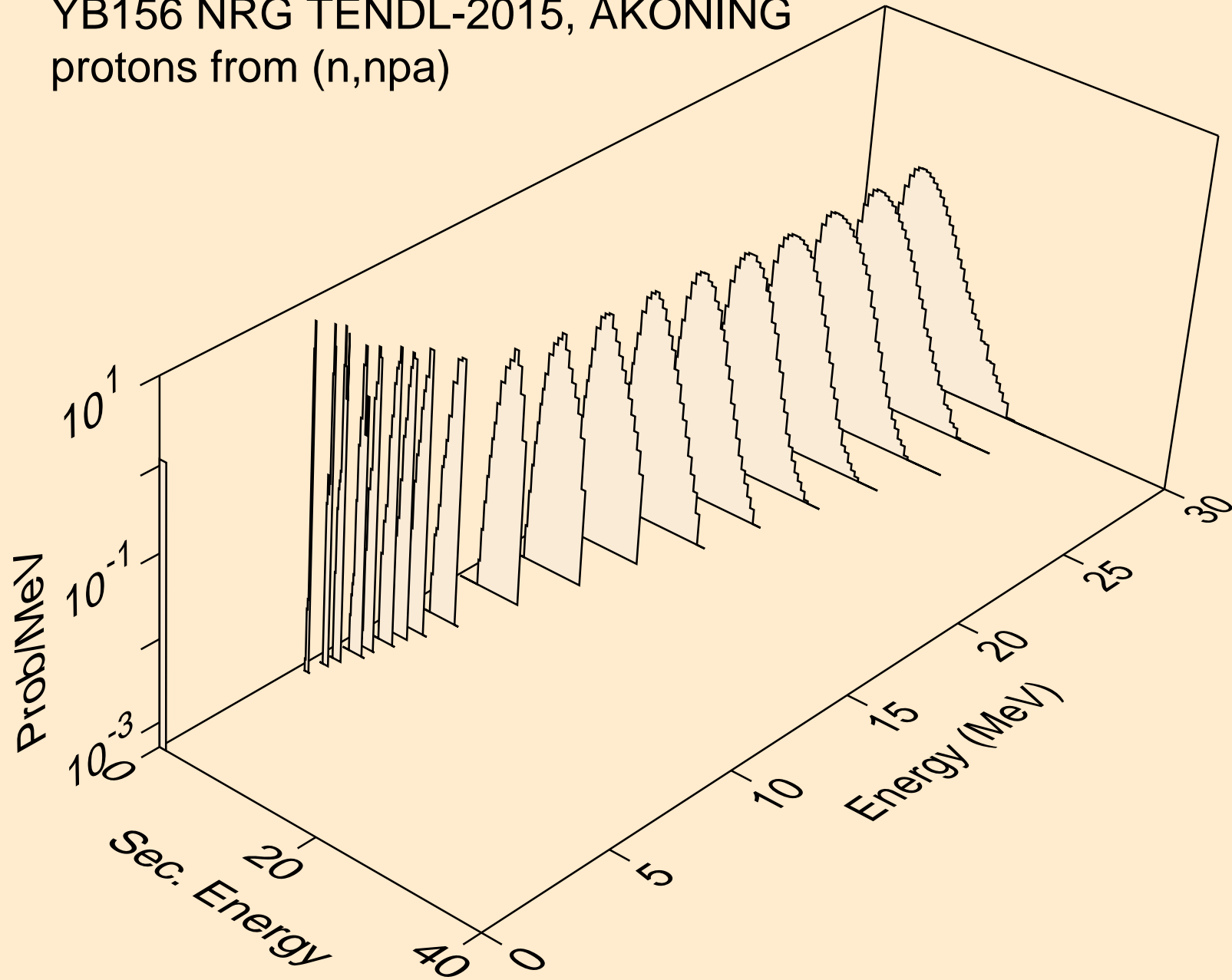
YB156 NRG TENDL-2015, AKONING  
protons from (n,3np)



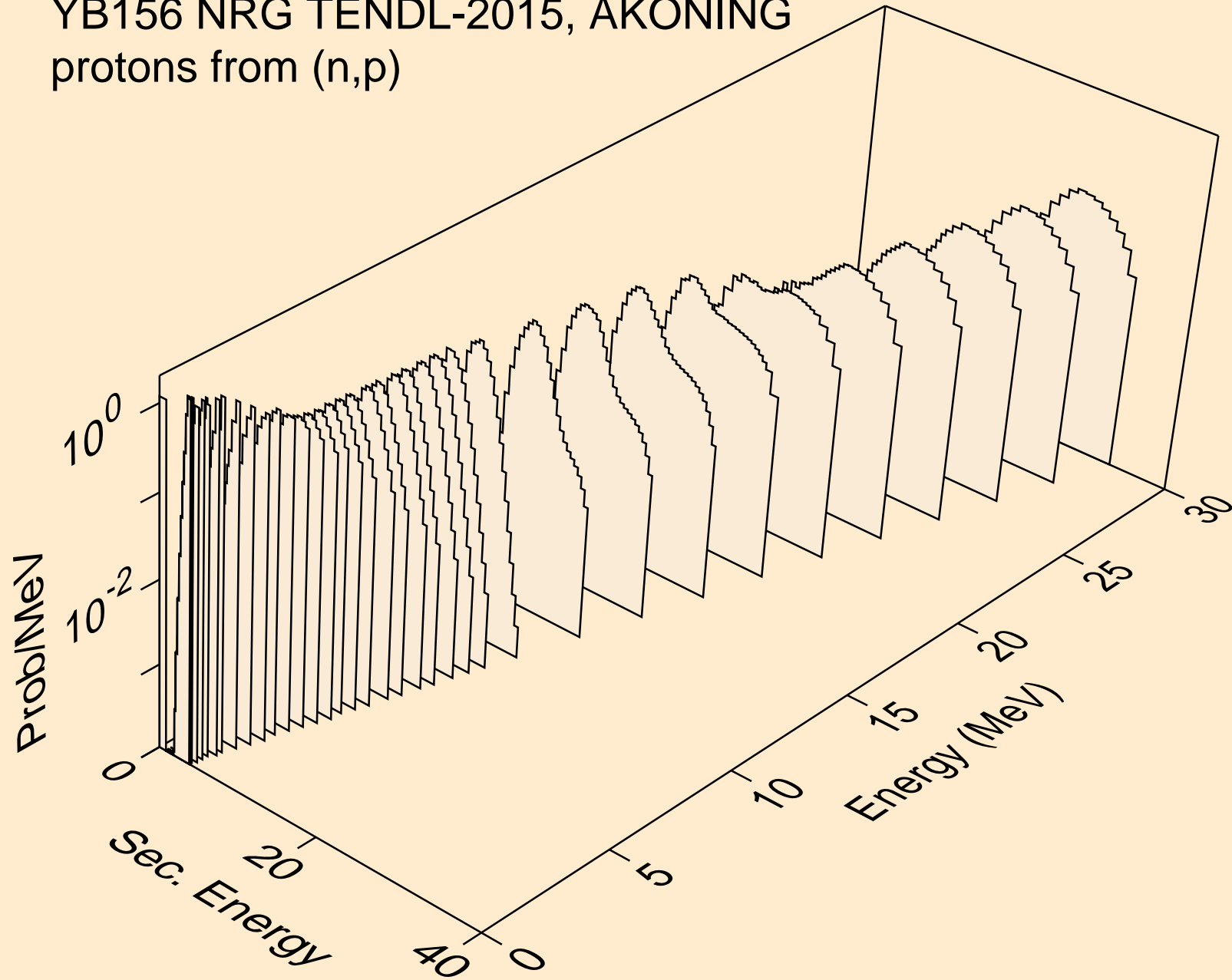
YB156 NRG TENDL-2015, AKONING  
protons from (n,2np)



YB156 NRG TENDL-2015, AKONING  
protons from (n,npa)

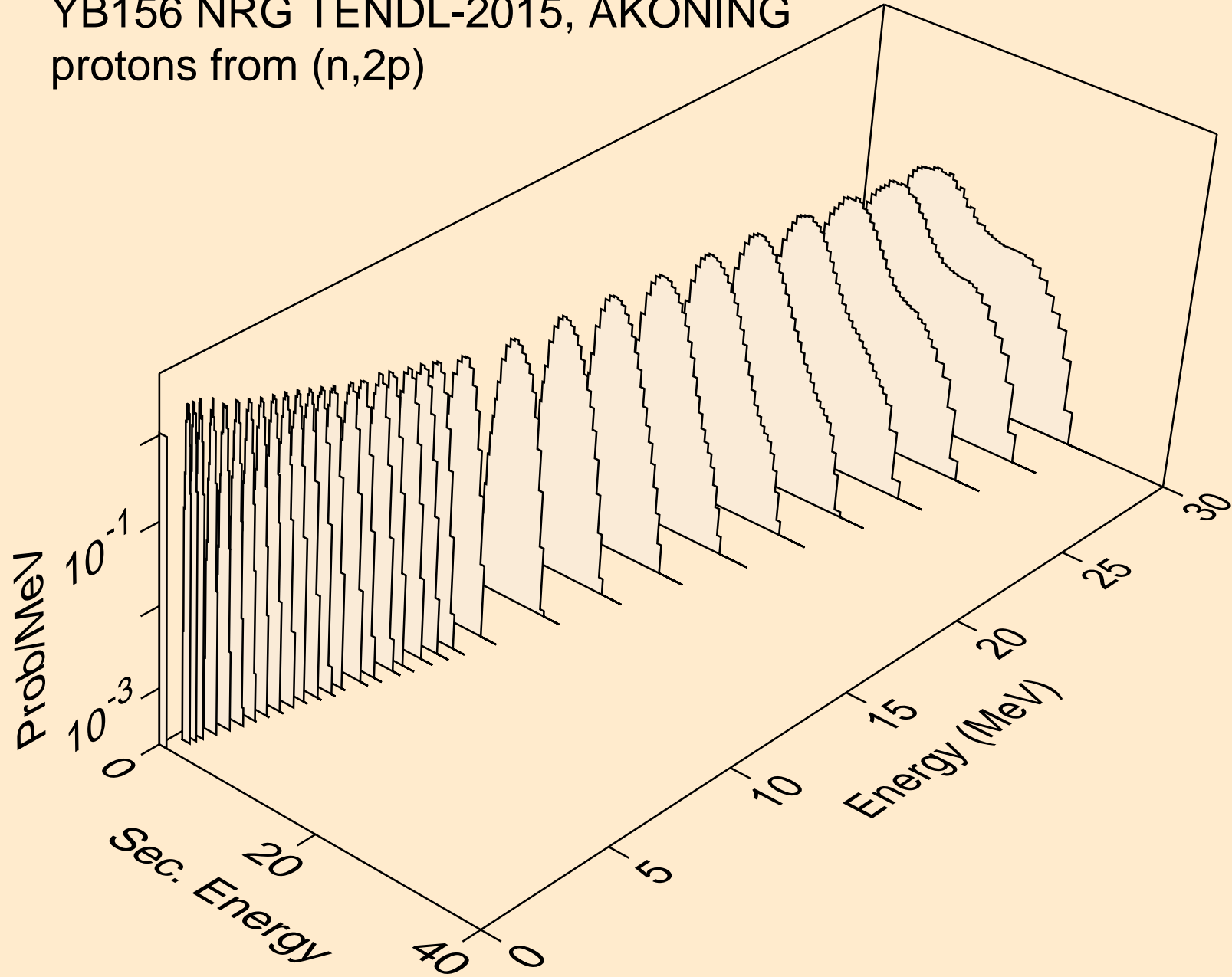


YB156 NRG TENDL-2015, AKONING  
protons from (n,p)

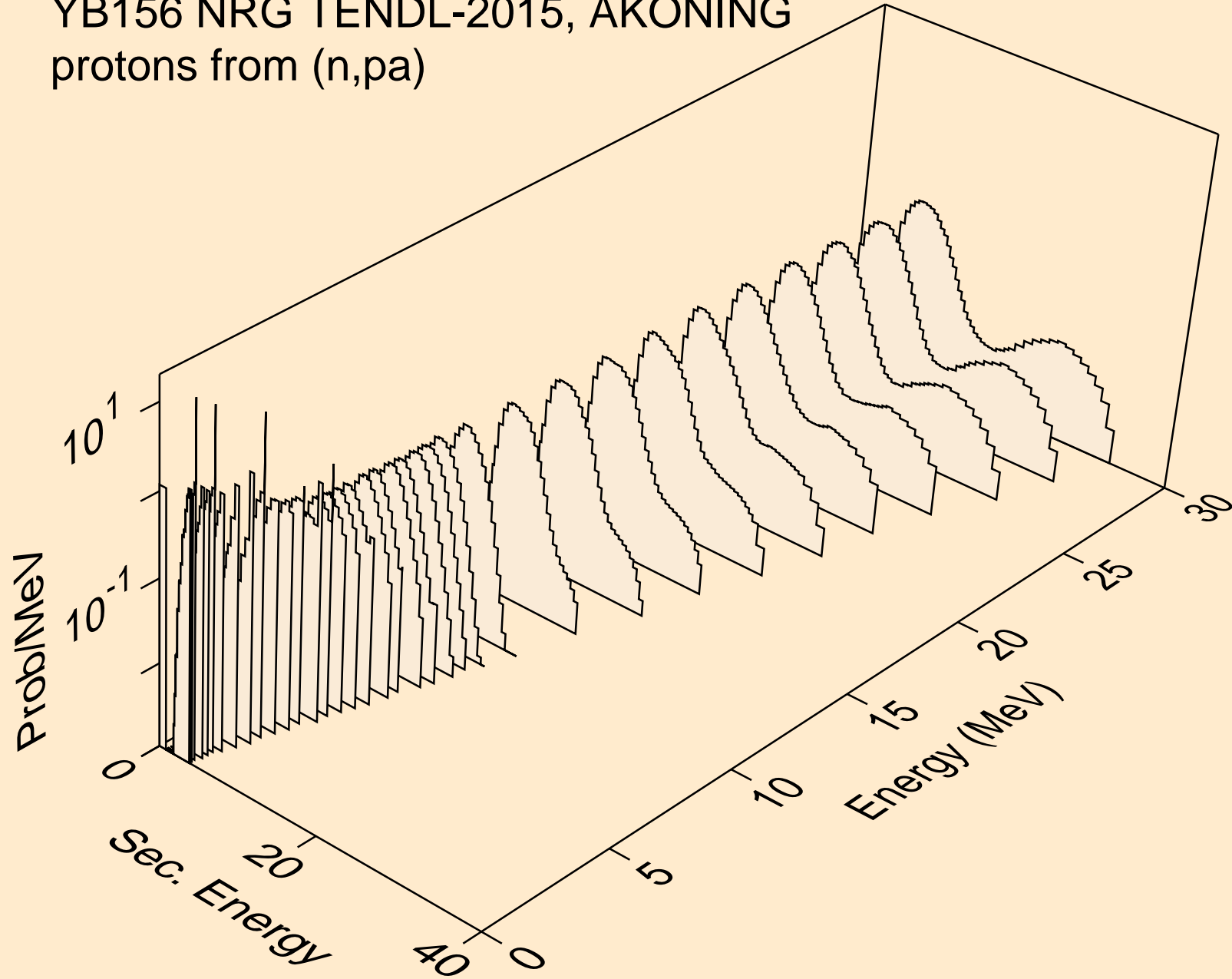




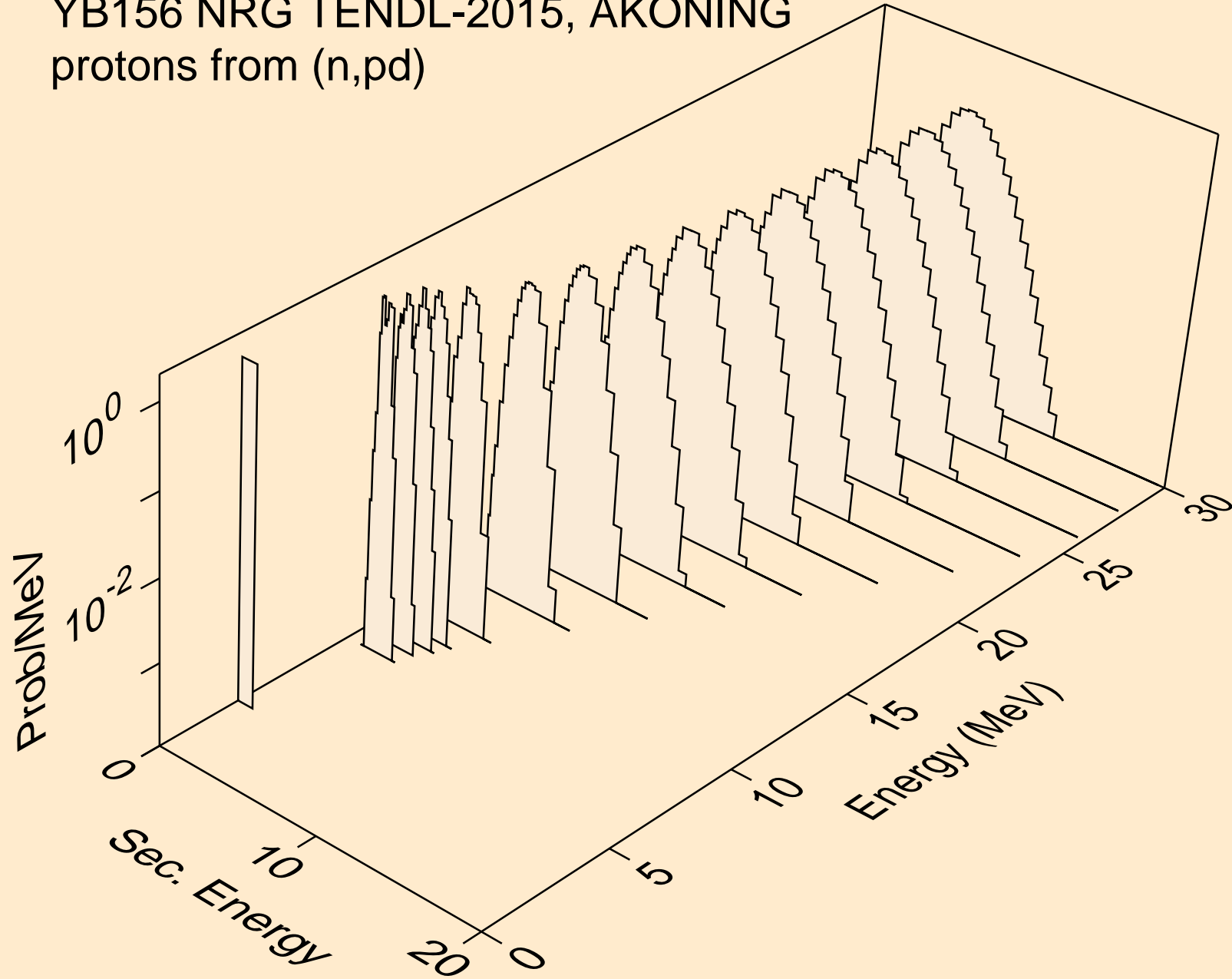
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protons from (n,2p)



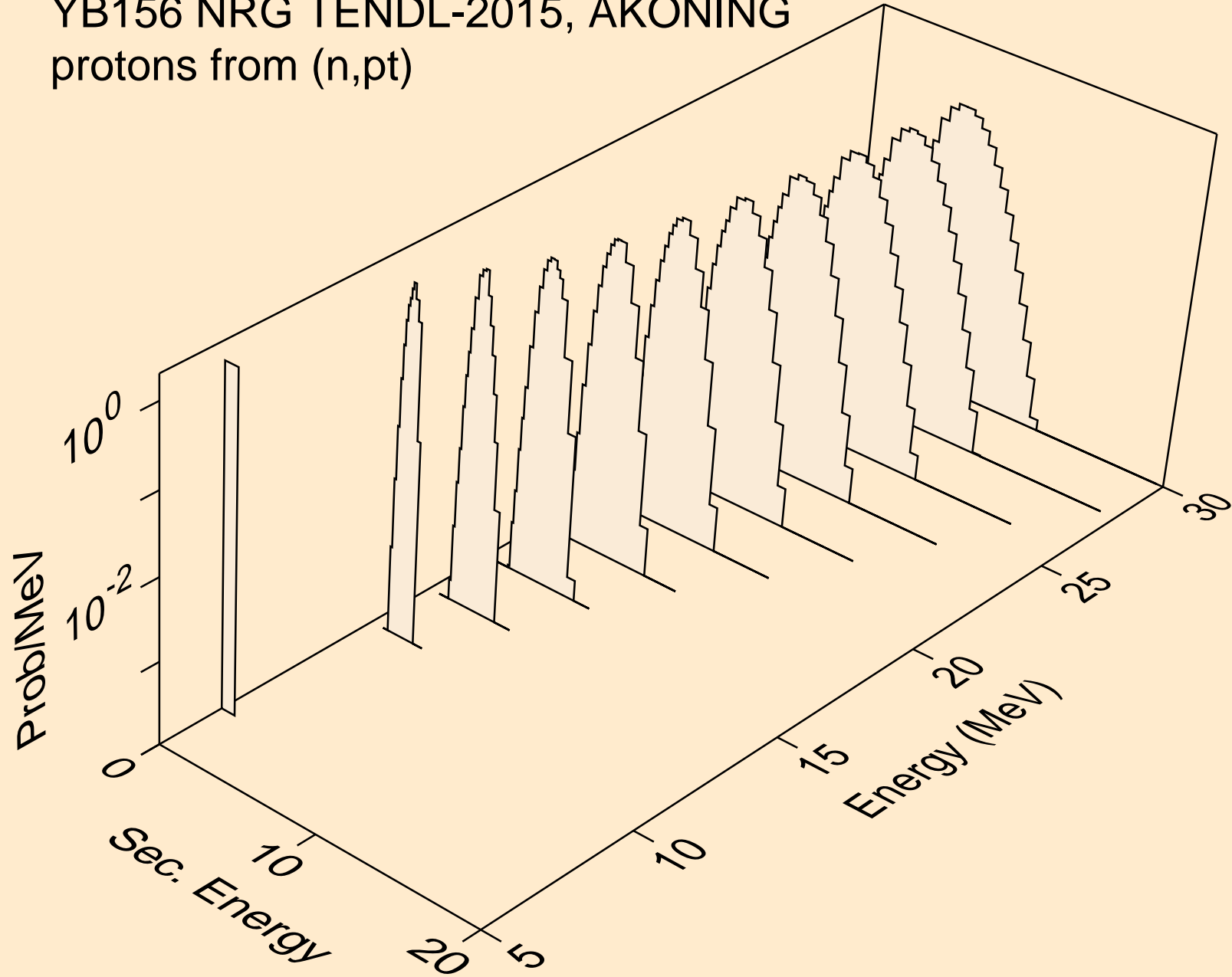
YB156 NRG TENDL-2015, AKONING  
protons from (n,pa)



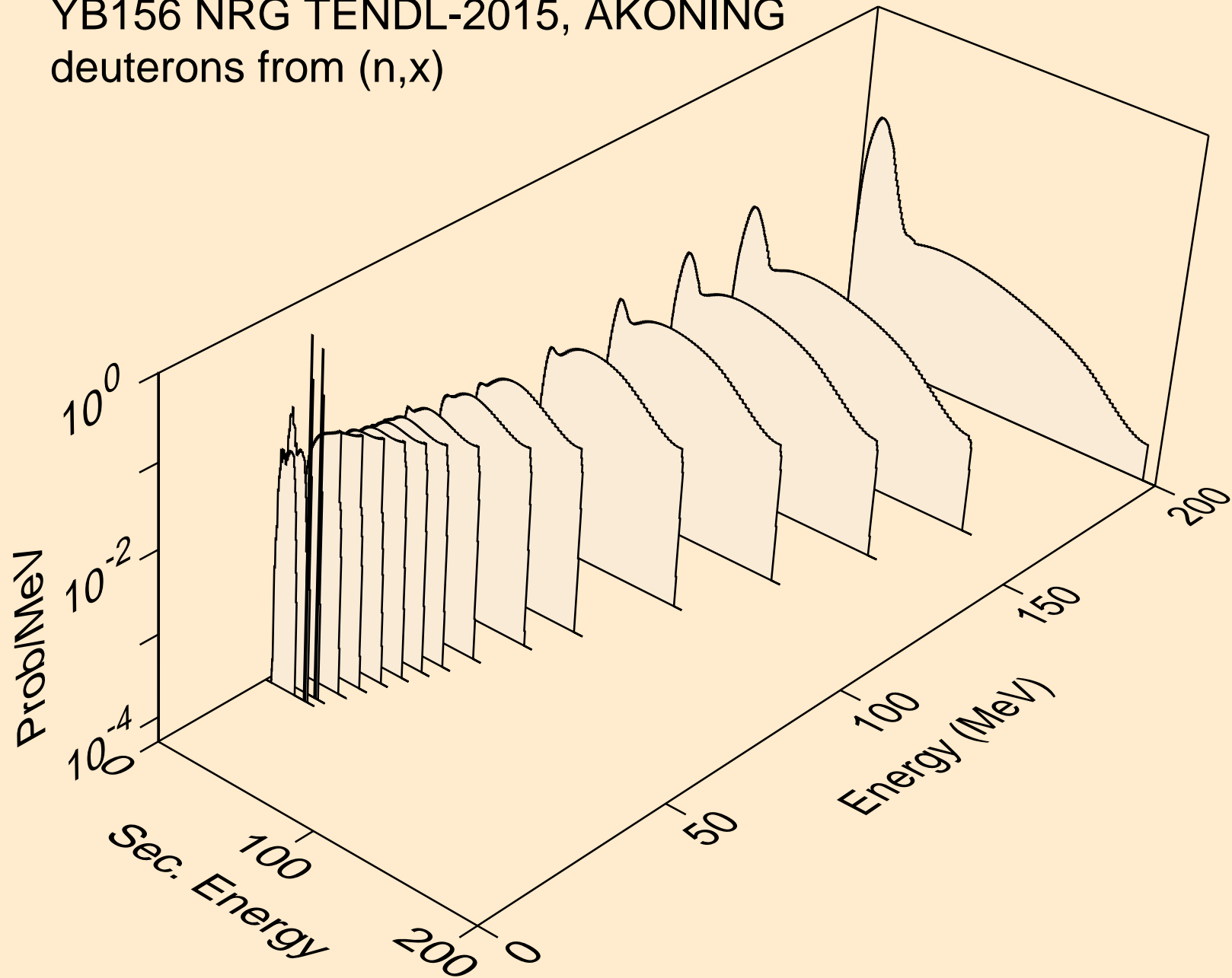
YB156 NRG TENDL-2015, AKONING  
protons from (n,pd)



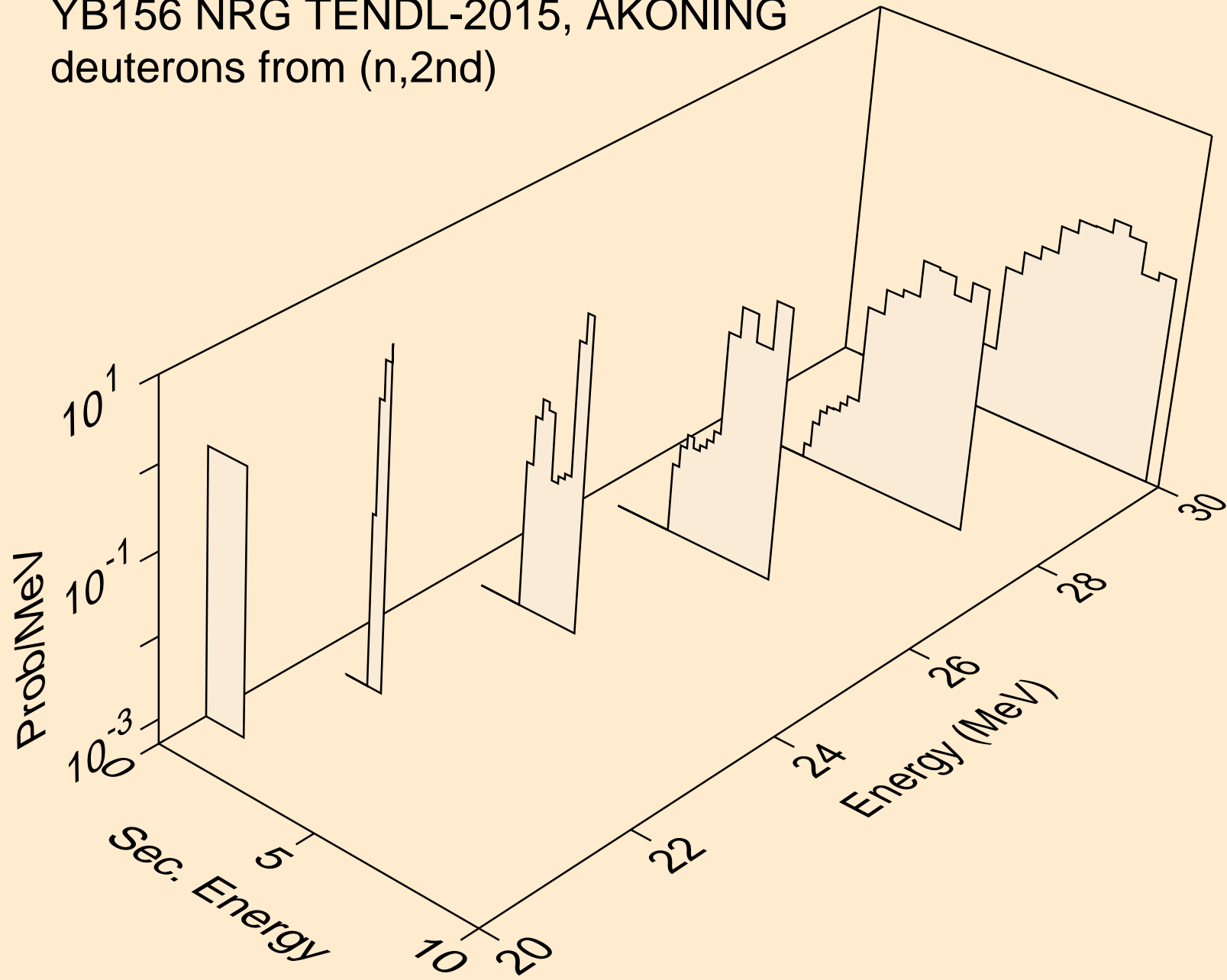
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protons from (n,pt)



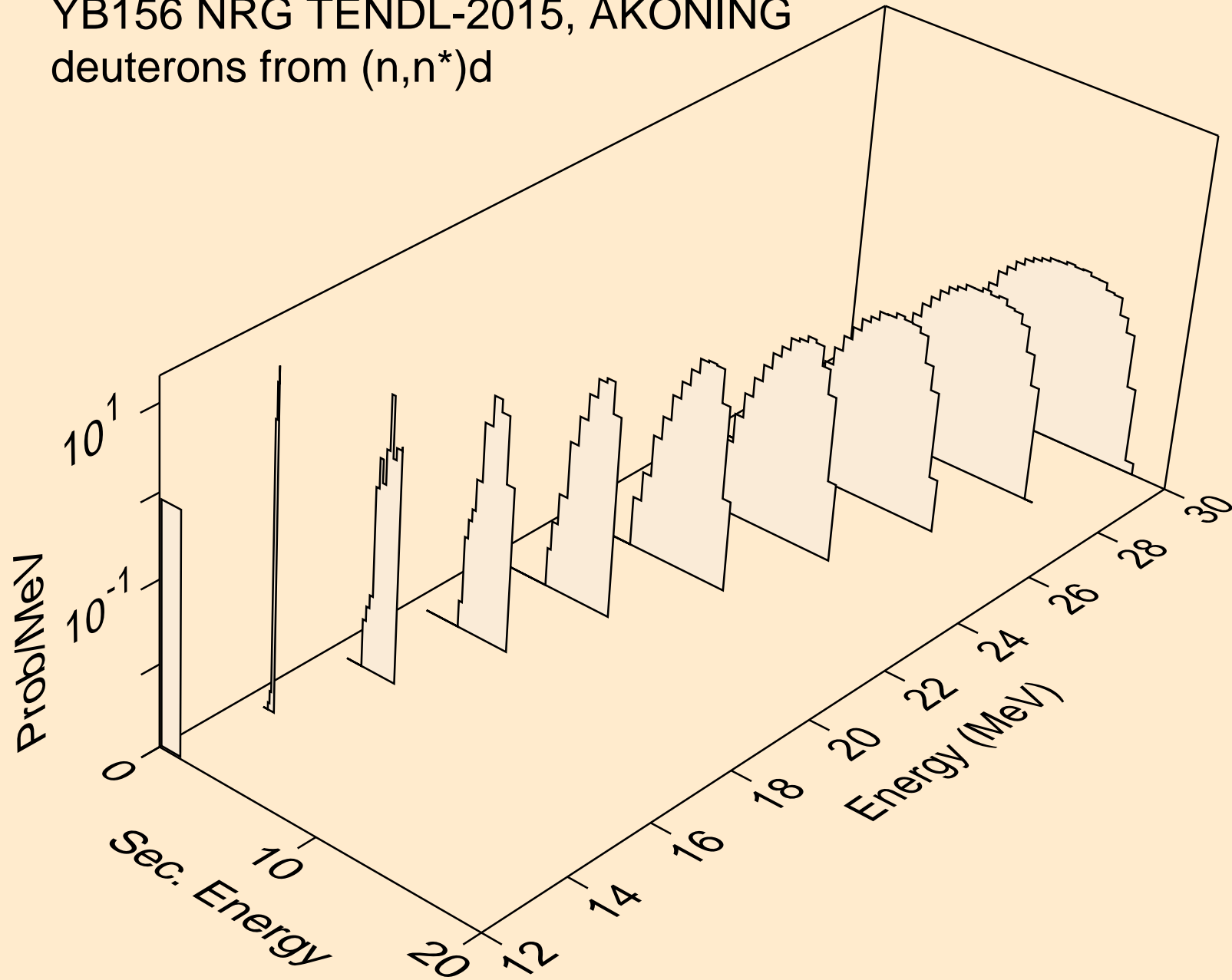
YB156 NRG TENDL-2015, AKONING  
deuterons from (n,x)



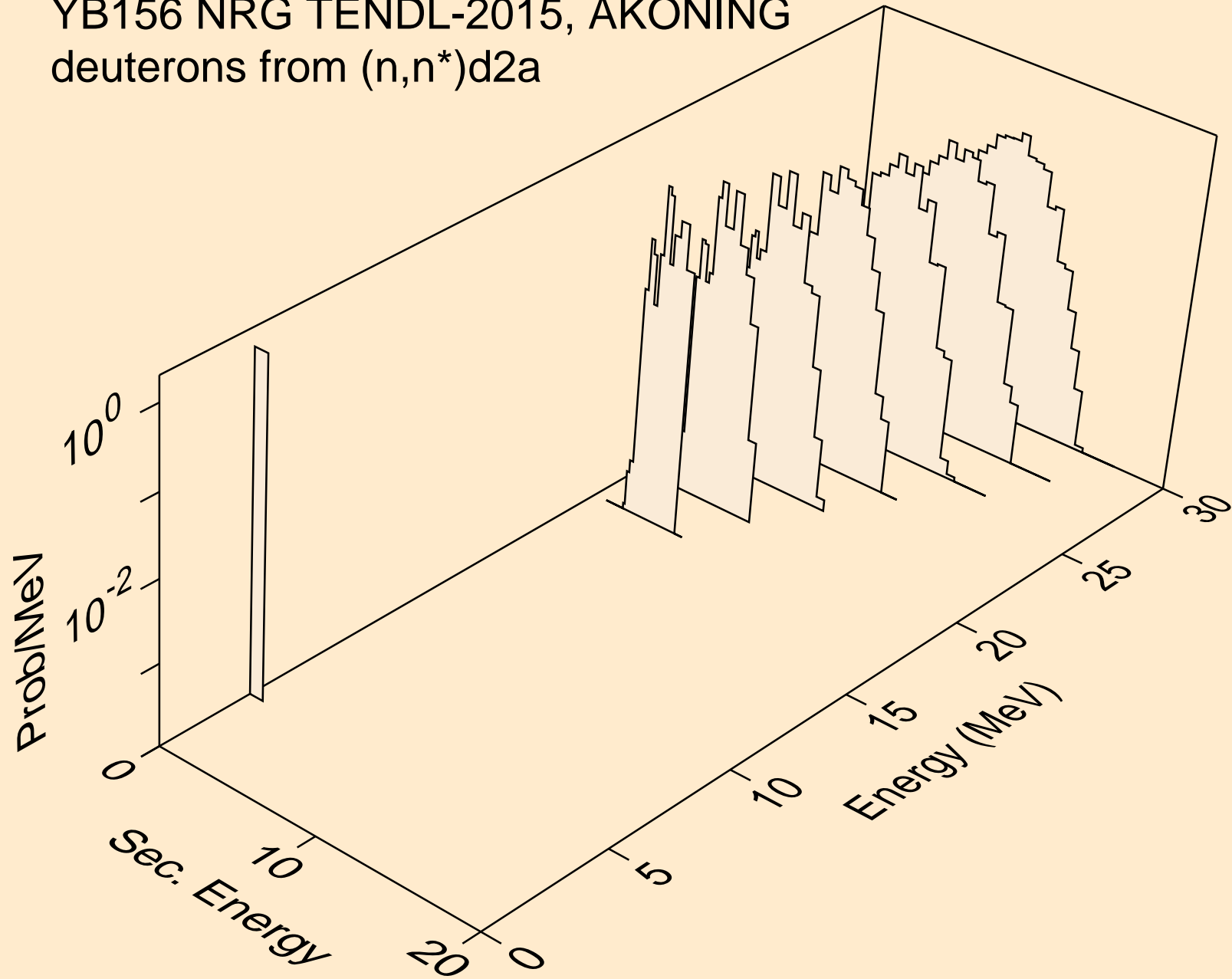
YB156 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



YB156 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

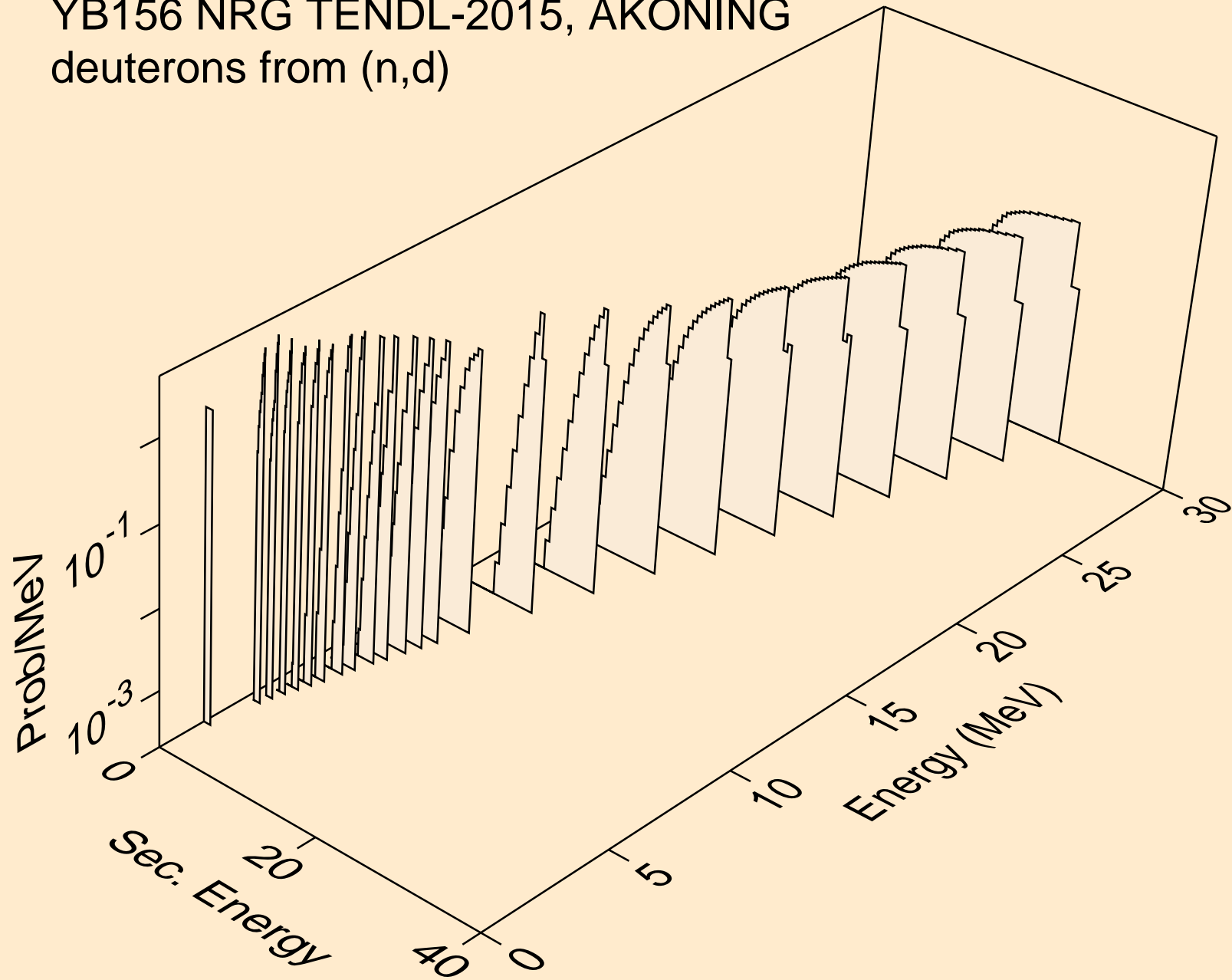


YB156 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d2a

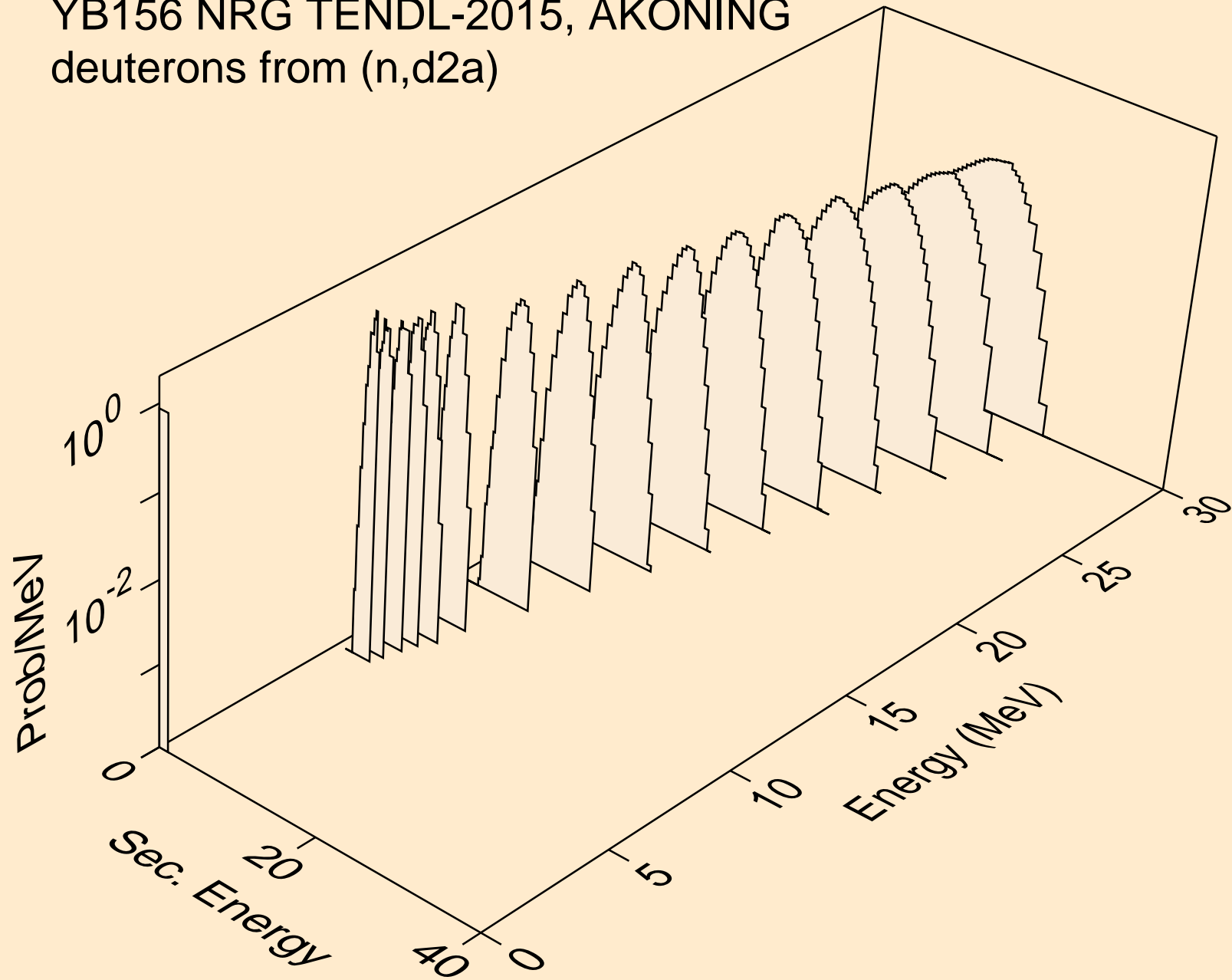




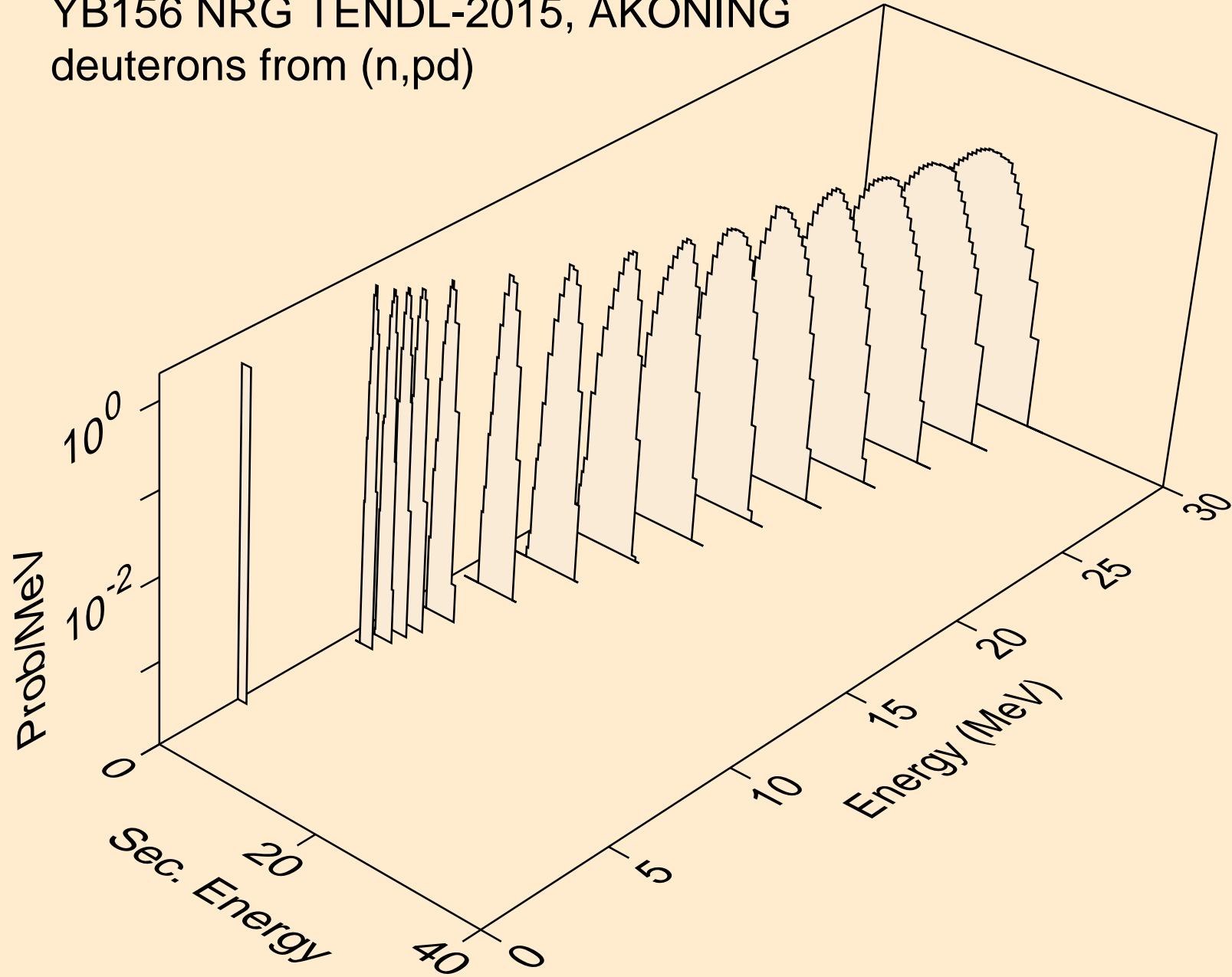
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deuterons from (n,d)



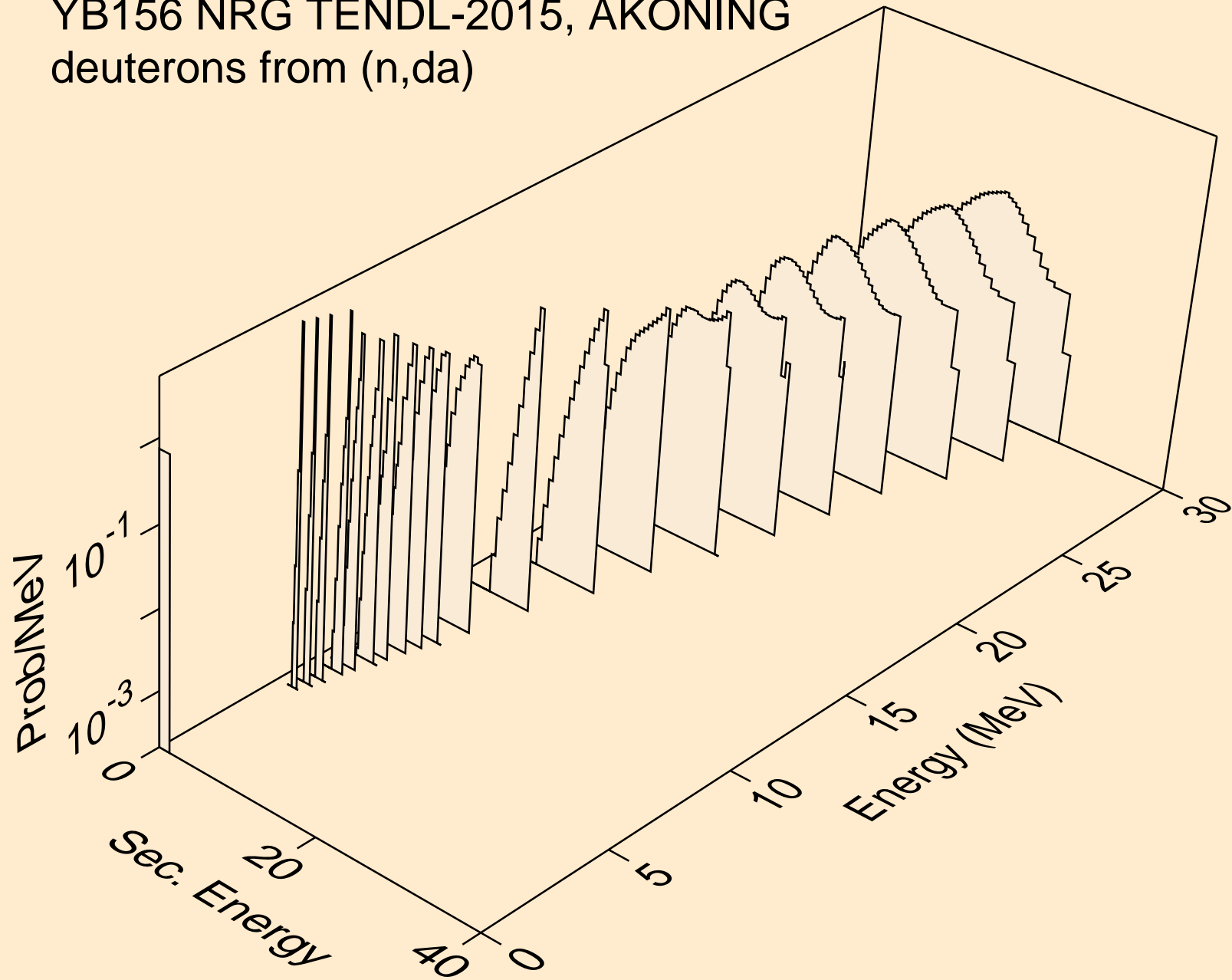
YB156 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)



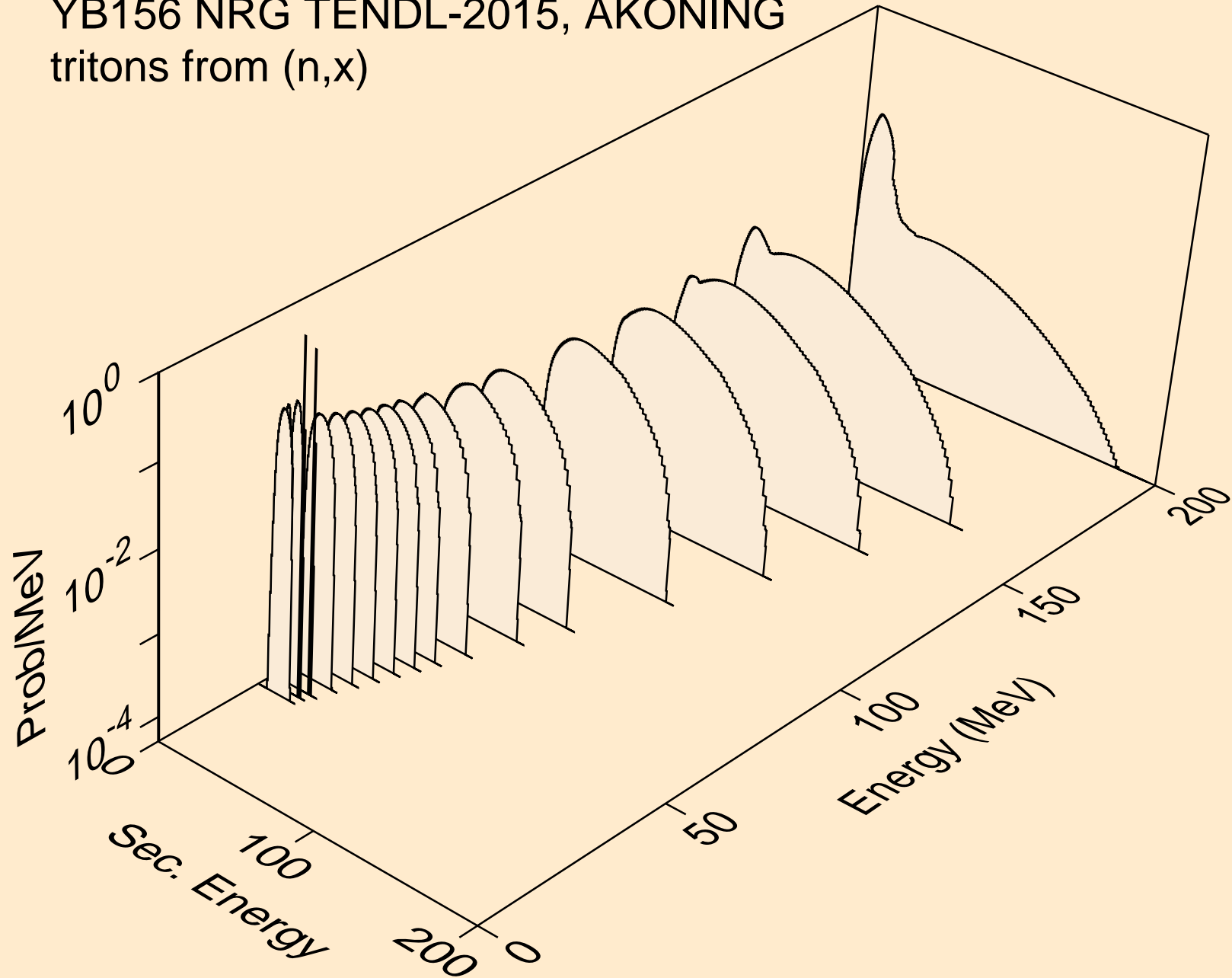
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deuterons from (n,pd)



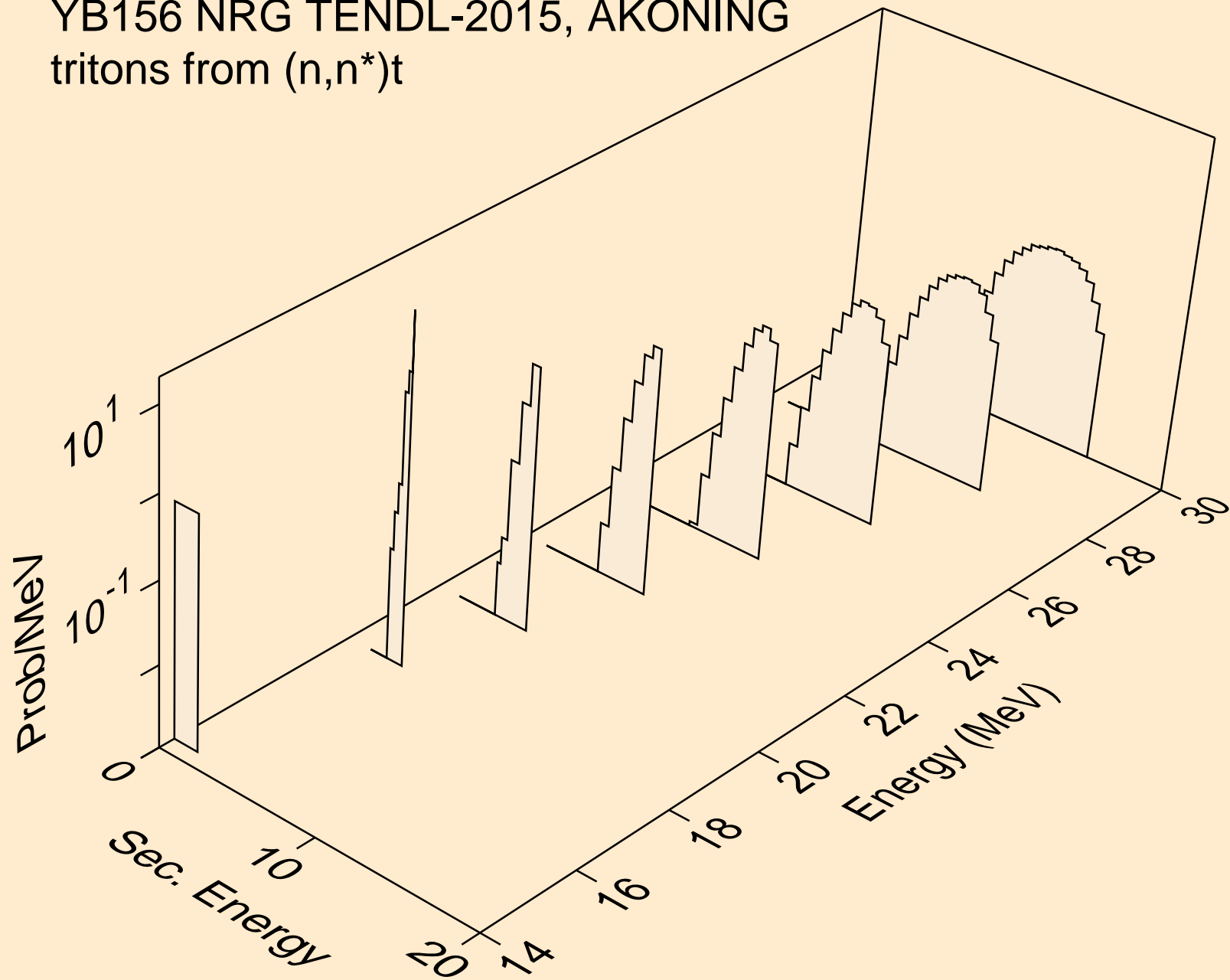
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deuterons from (n,da)



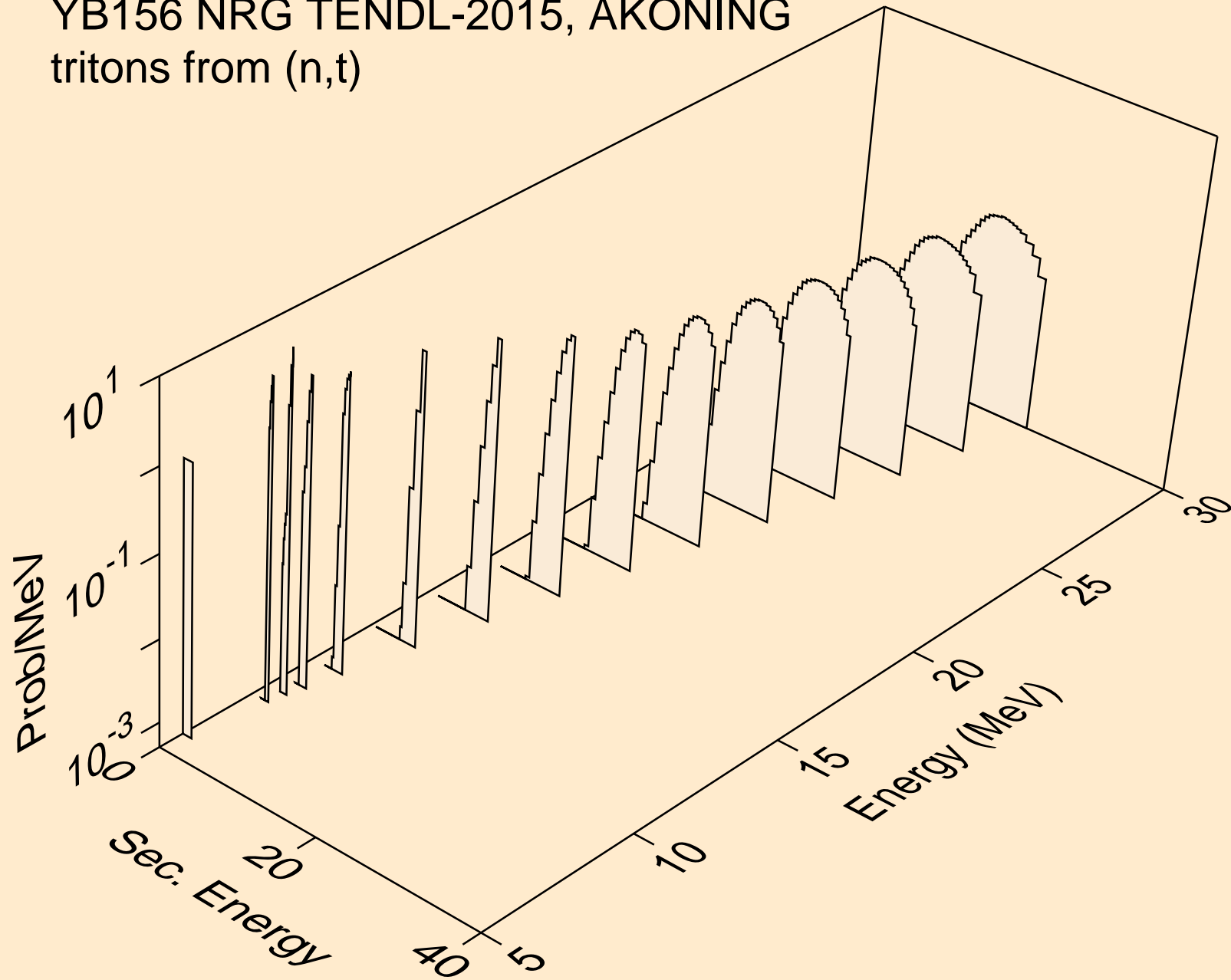
YB156 NRG TENDL-2015, AKONING  
tritons from (n,x)



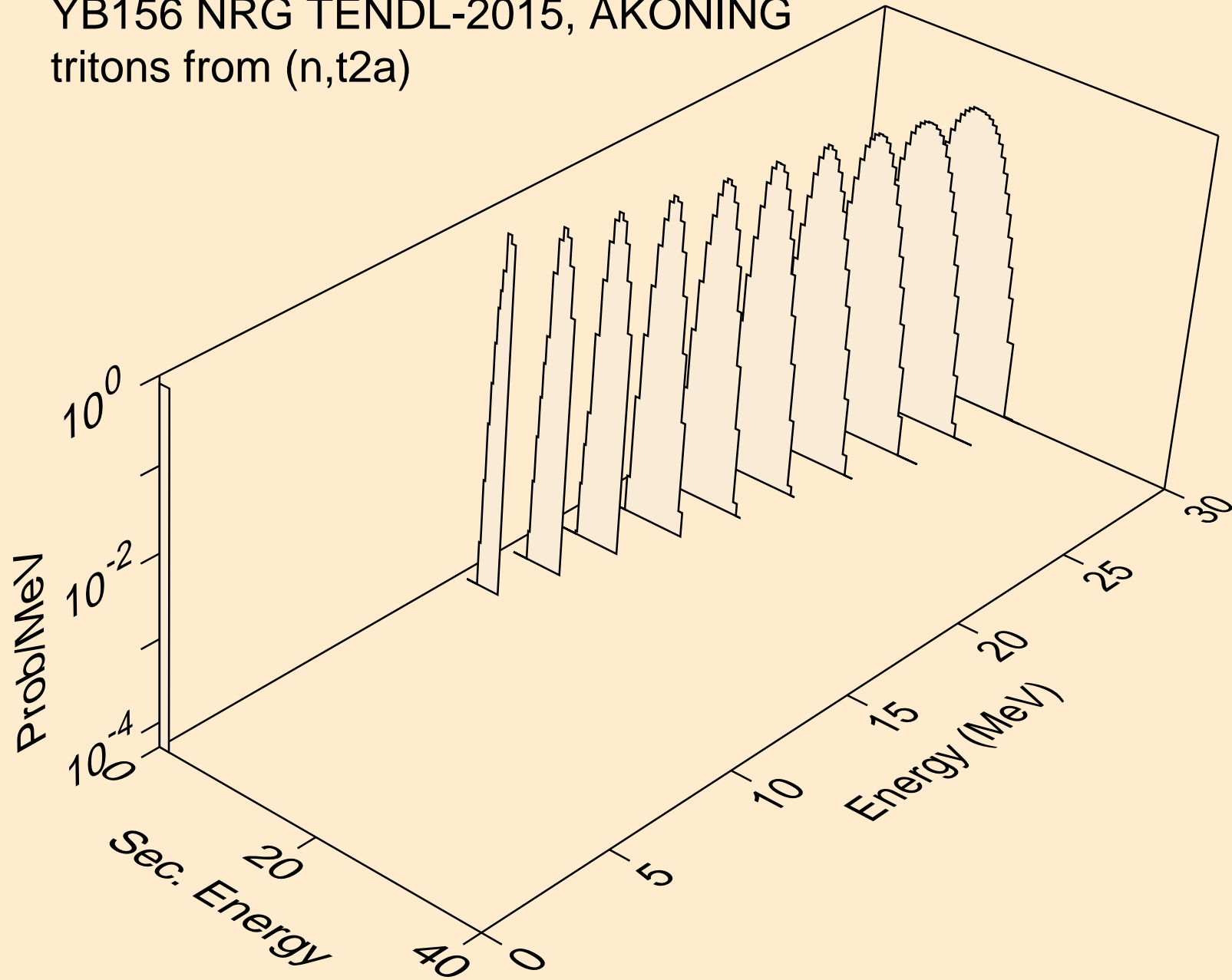
YB156 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



YB156 NRG TENDL-2015, AKONING  
tritons from (n,t)

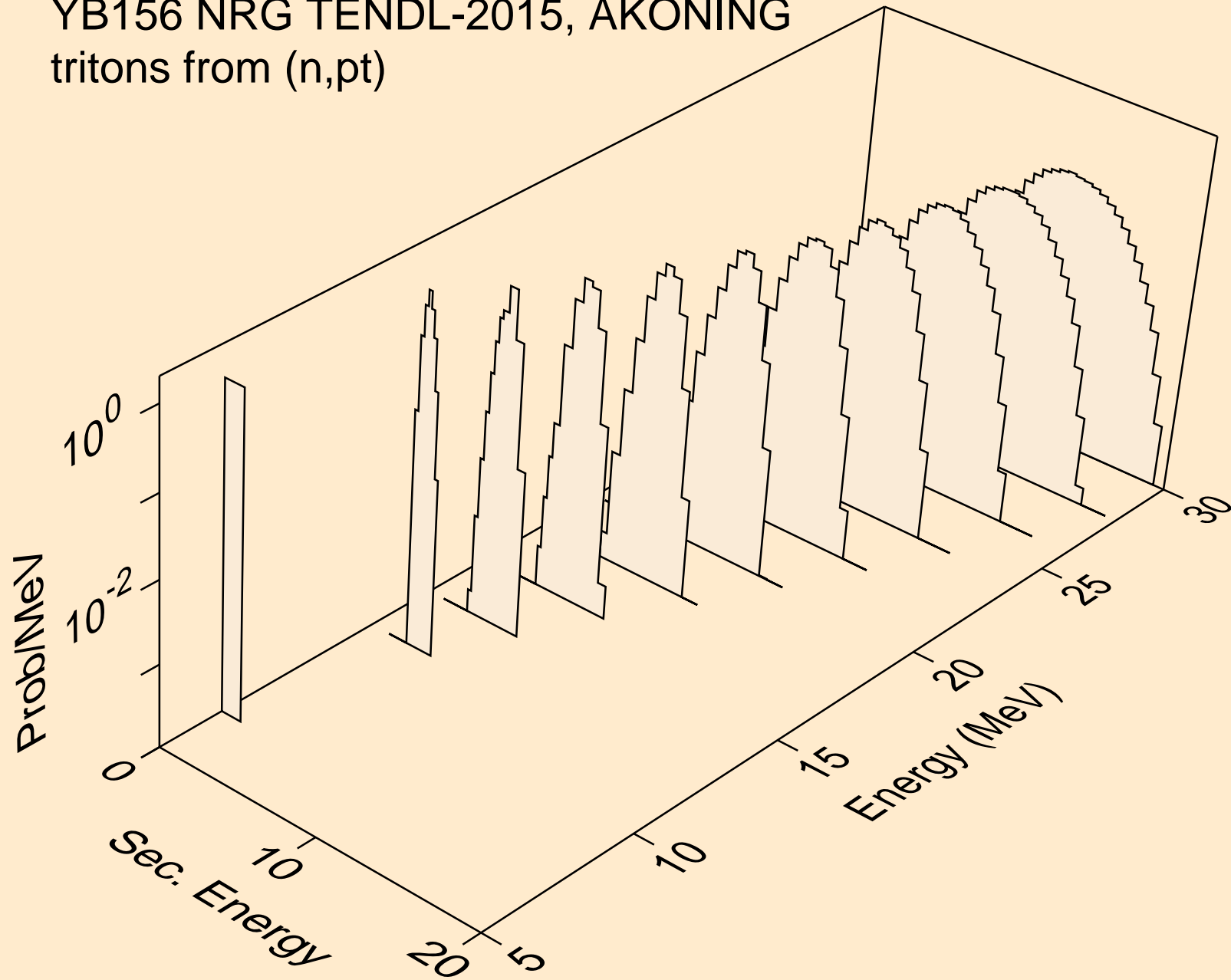


YB156 NRG TENDL-2015, AKONING  
tritons from (n,t2a)

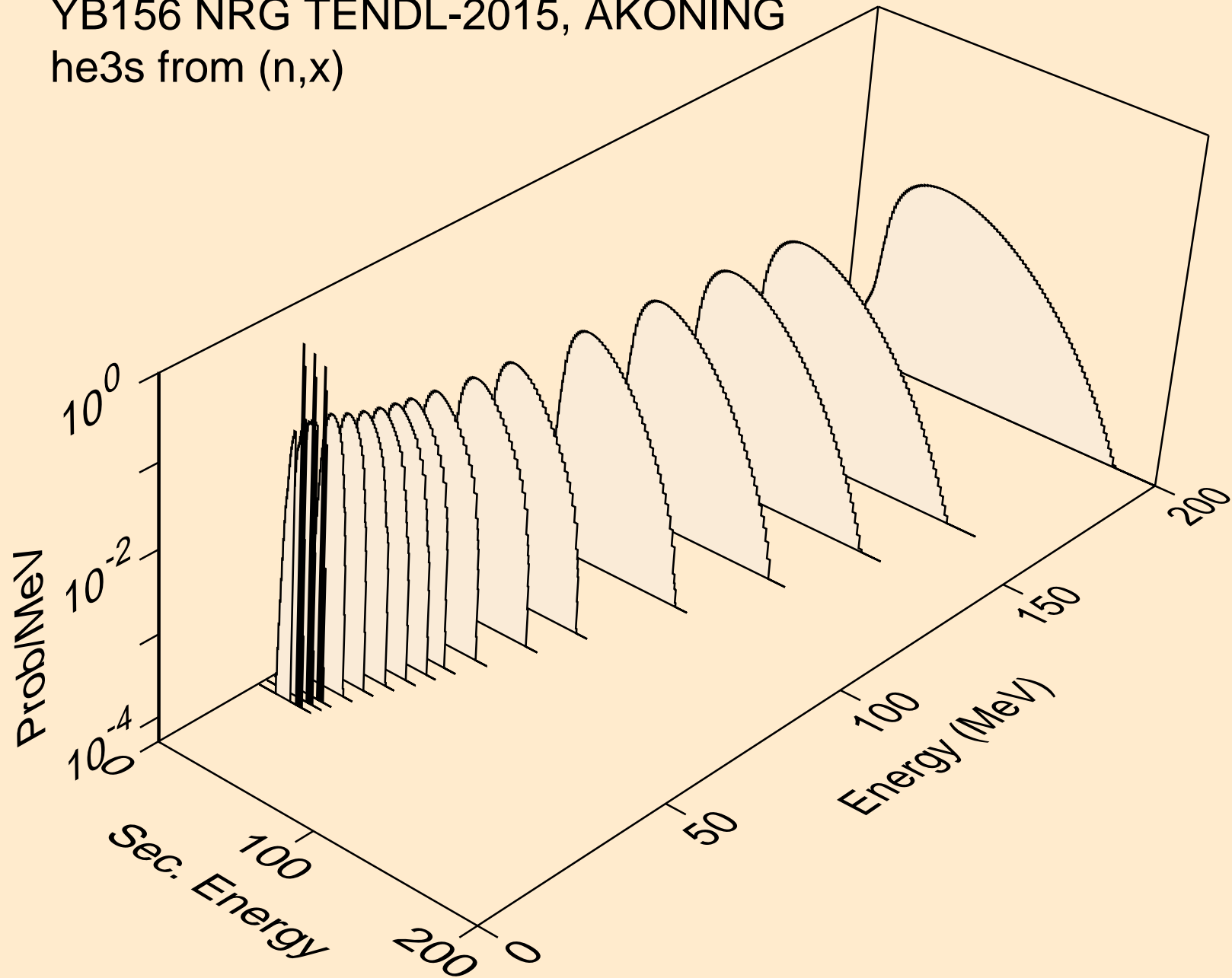




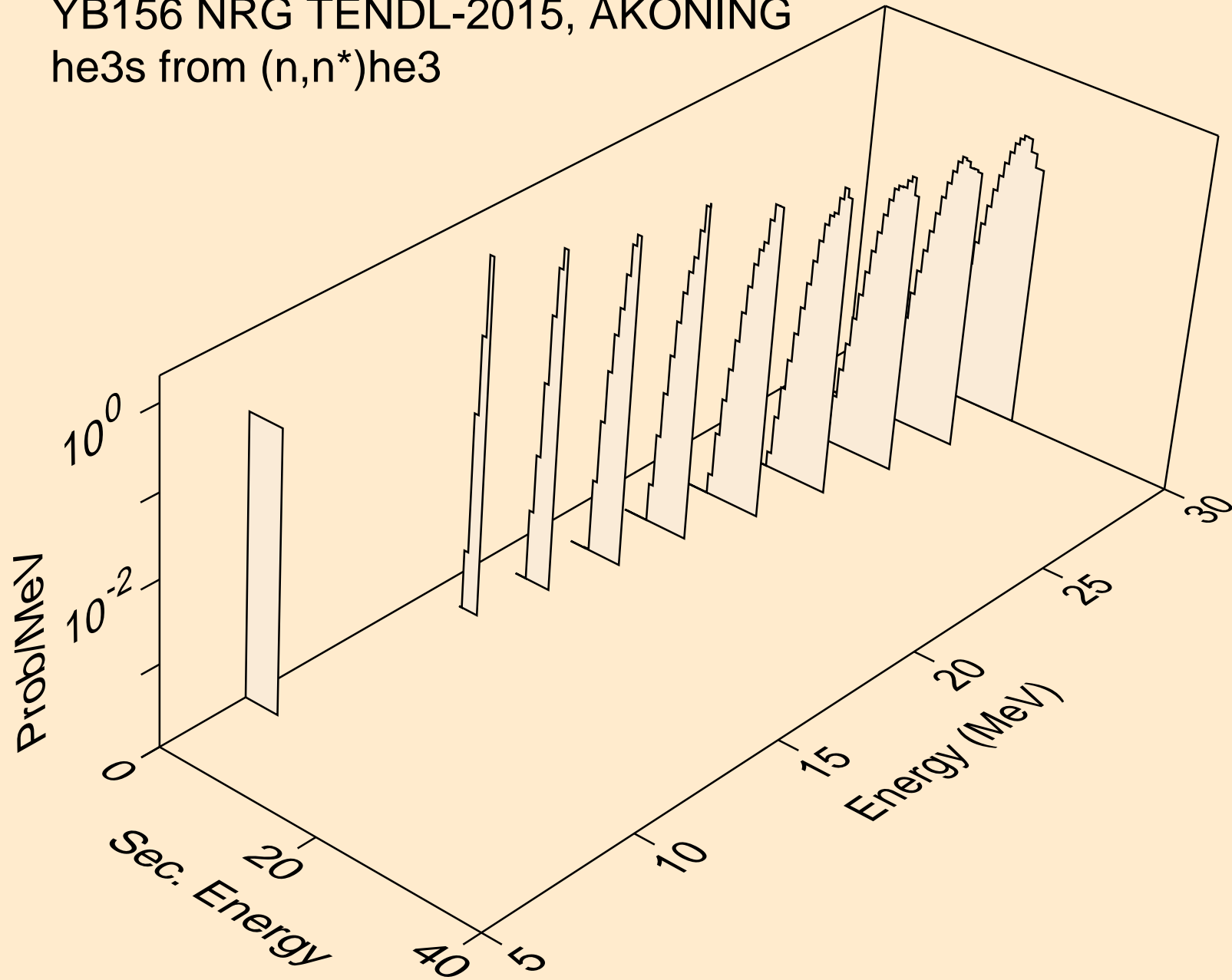
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tritons from (n,pt)



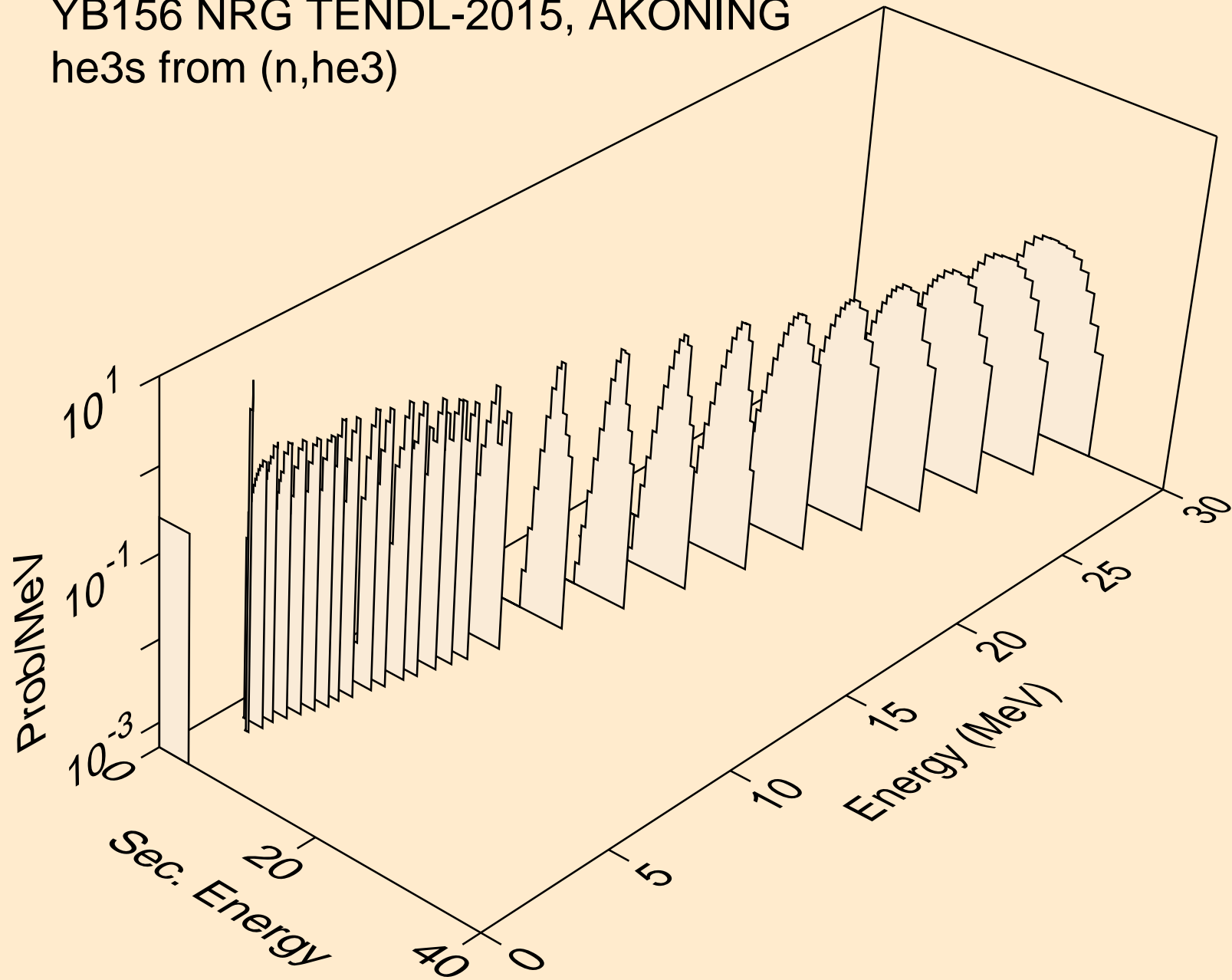
YB156 NRG TENDL-2015, AKONING  
he3s from (n,x)



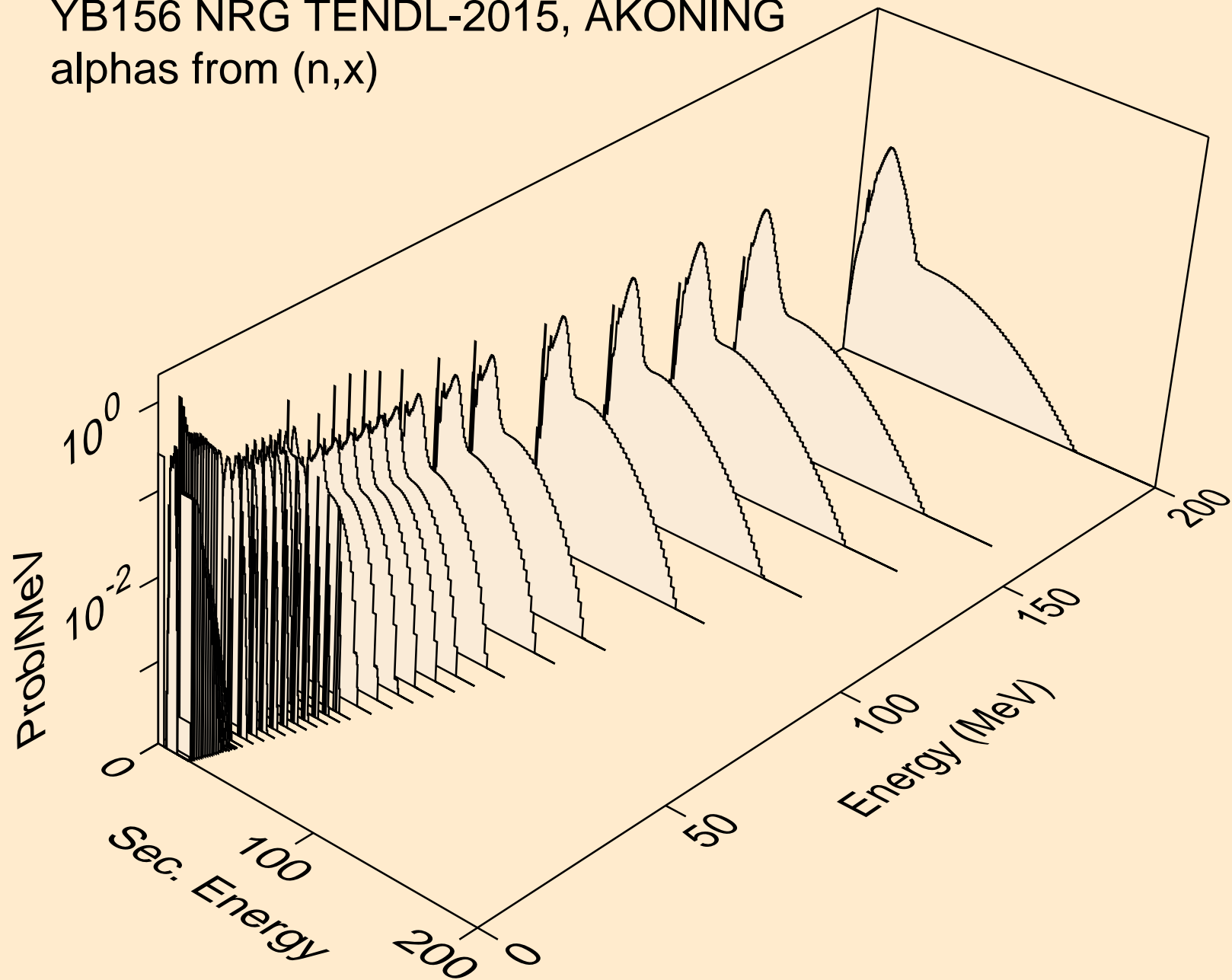
YB156 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



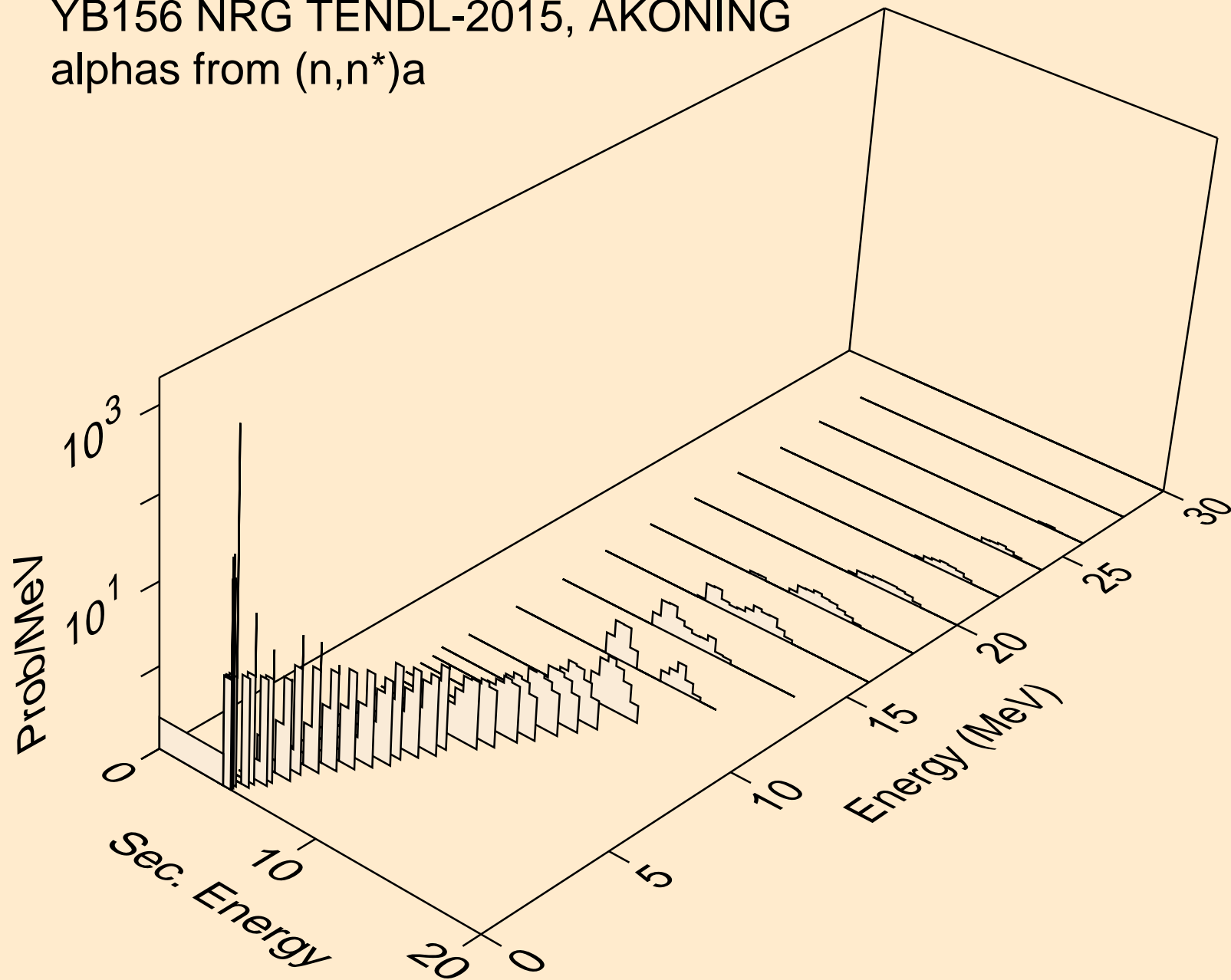
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he3s from (n,he3)



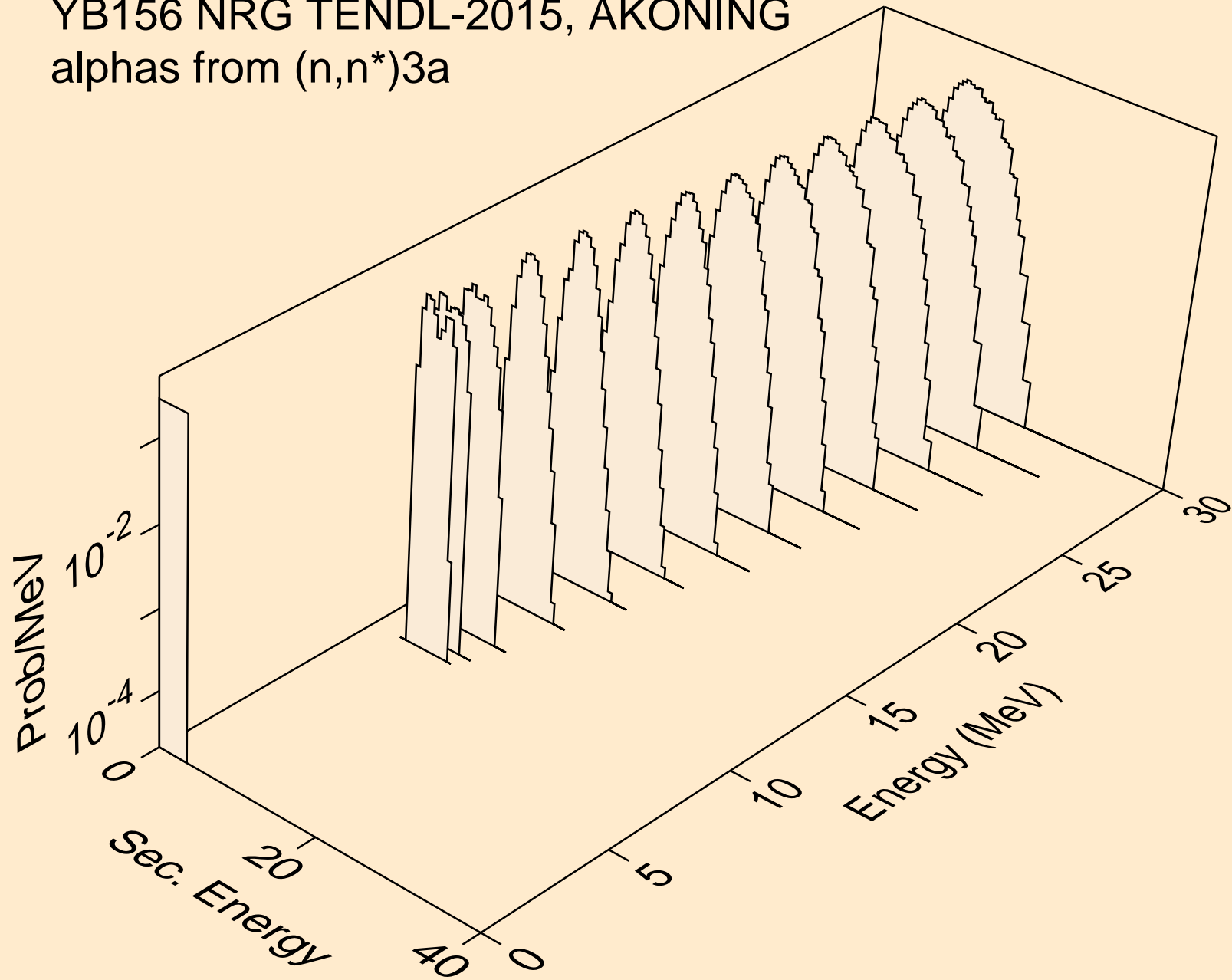
YB156 NRG TENDL-2015, AKONING  
alphas from (n,x)



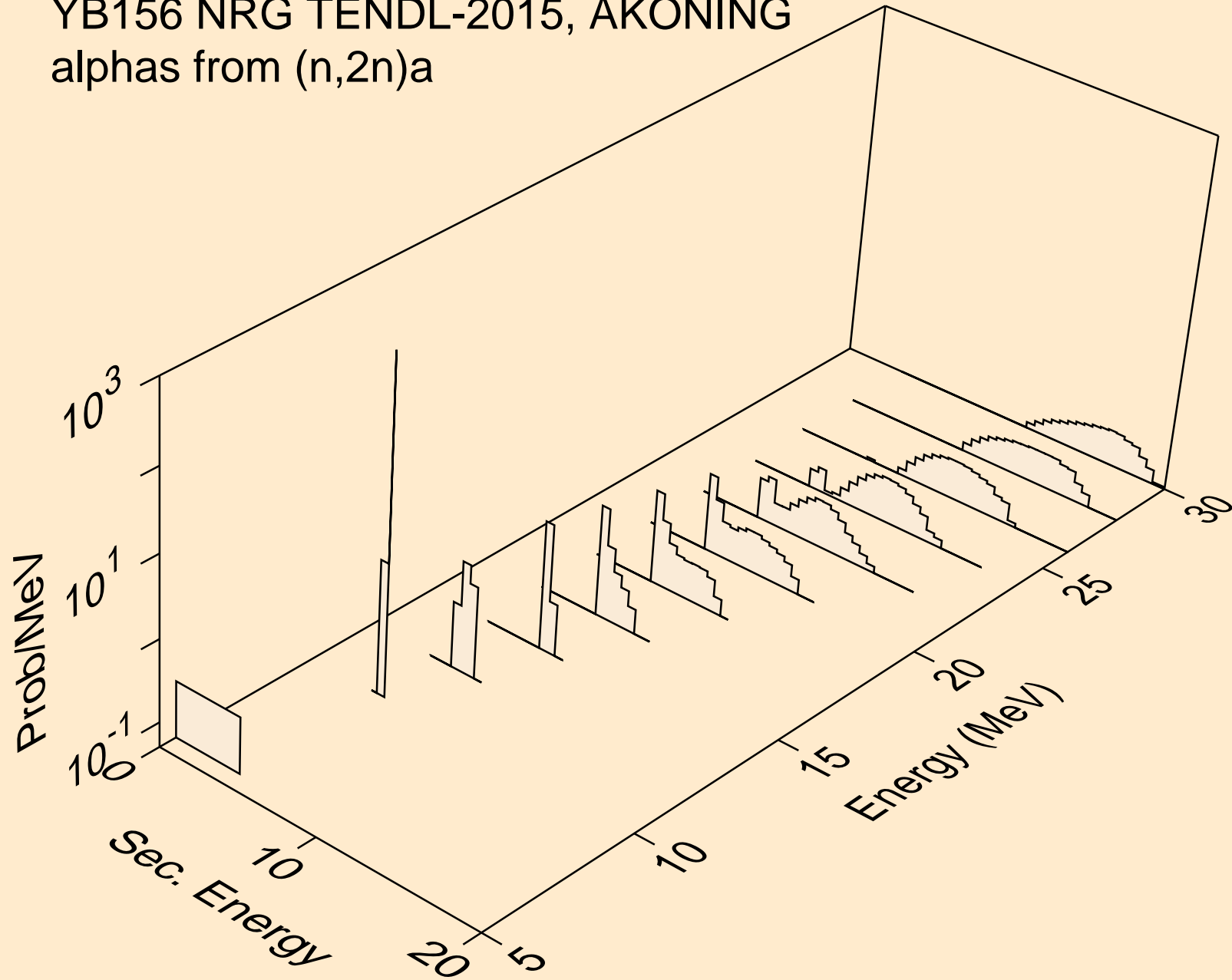
YB156 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



YB156 NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a

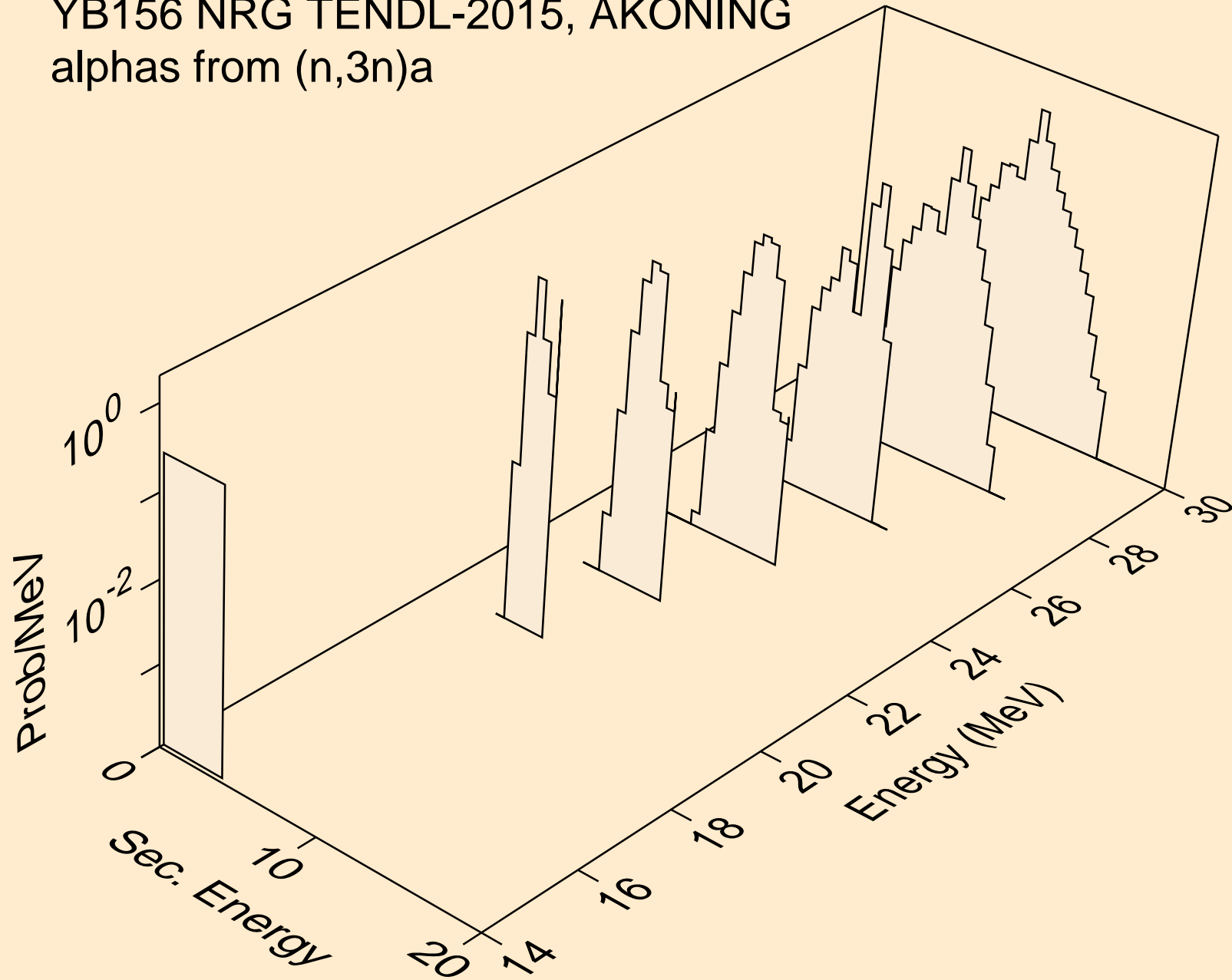


YB156 NRG TENDL-2015, AKONING  
alphas from (n,2n)a

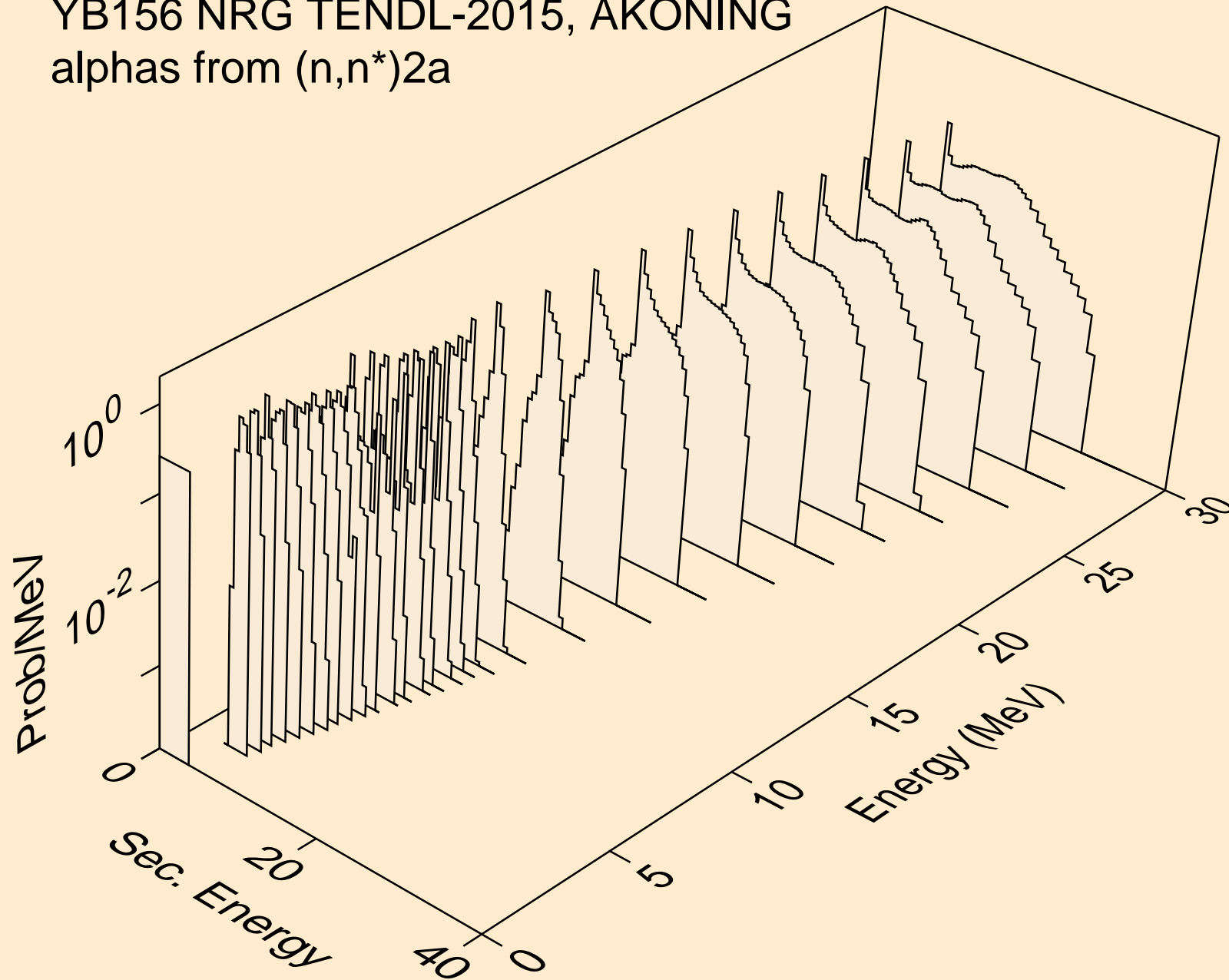




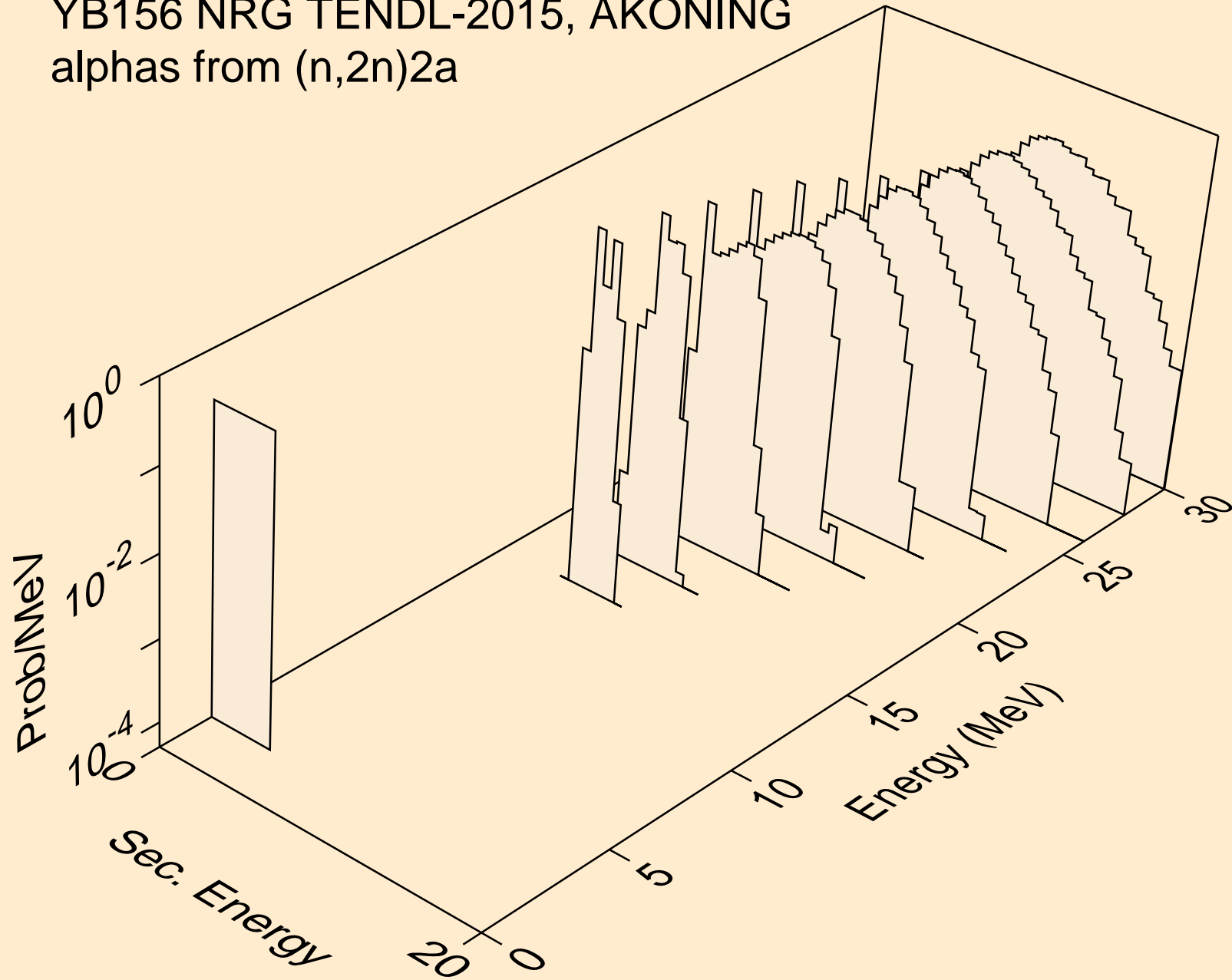
YB156 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



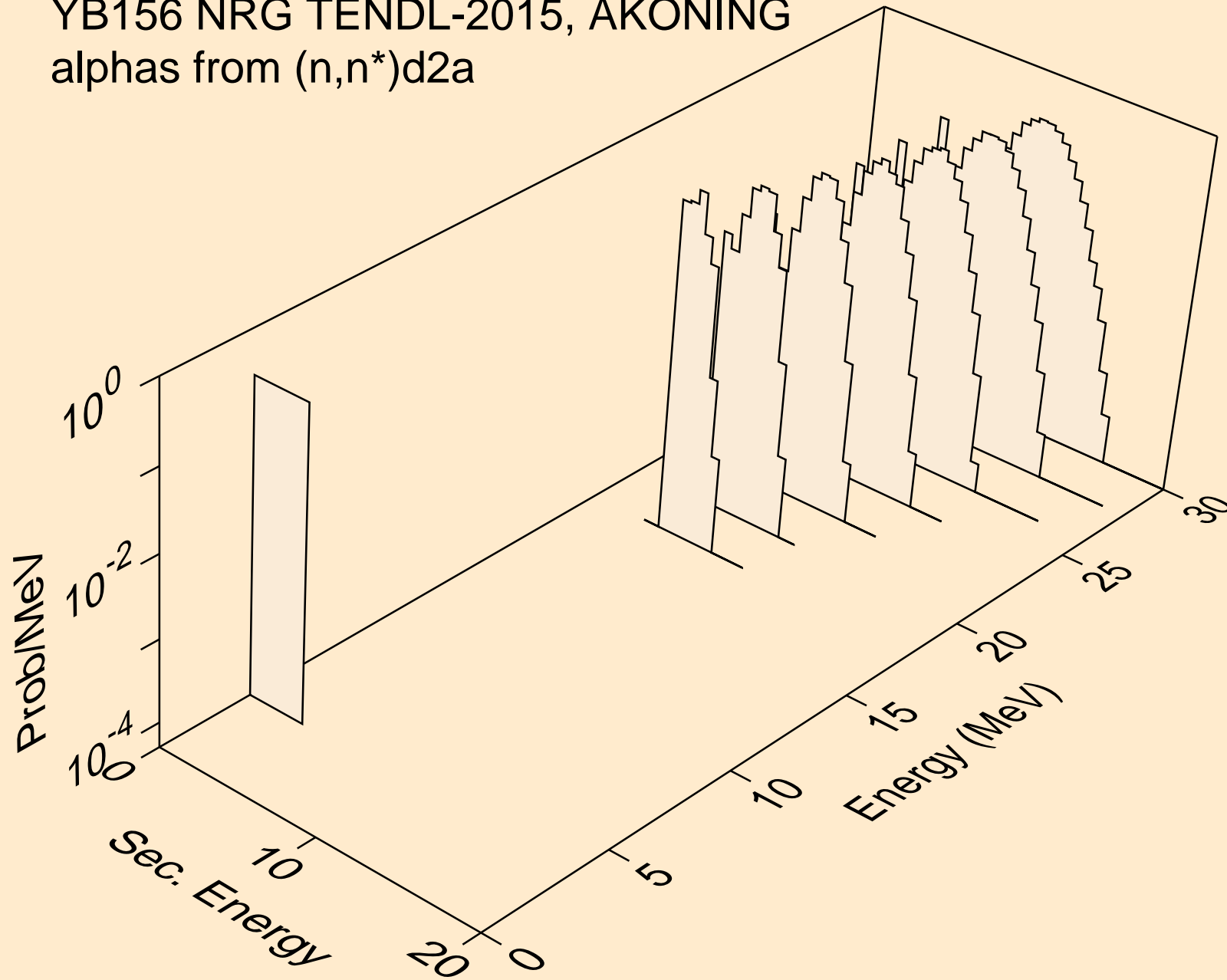
YB156 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



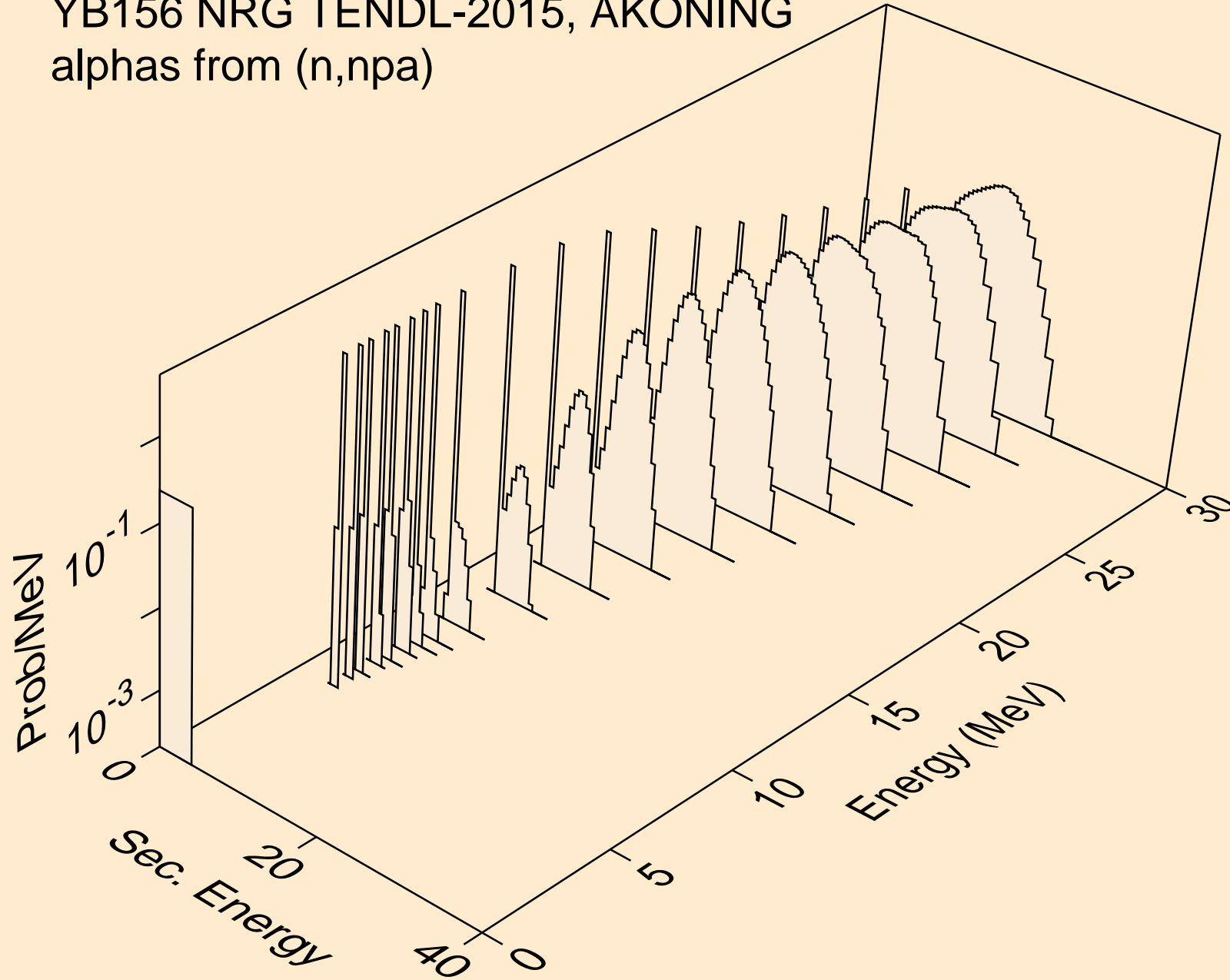
YB156 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



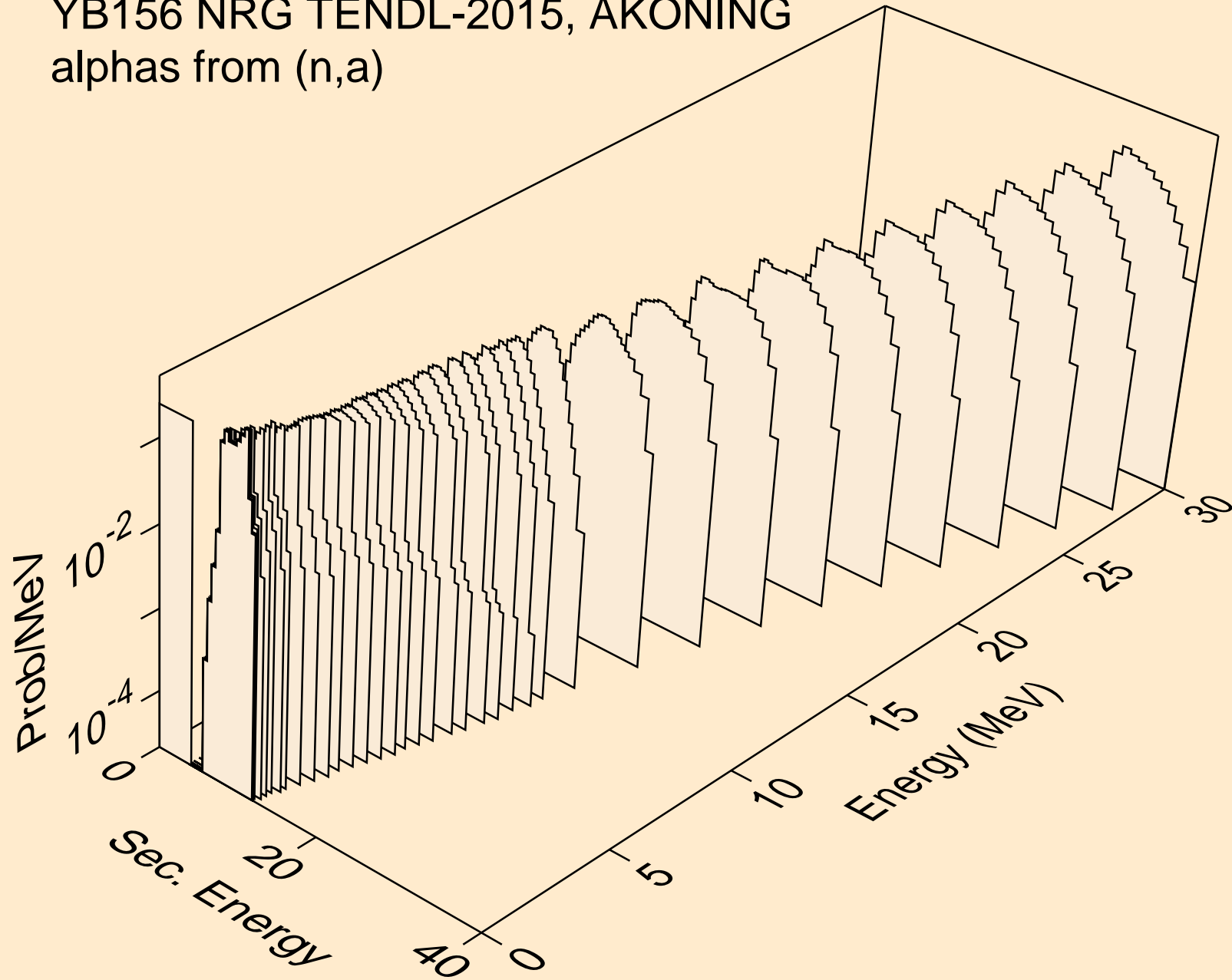
YB156 NRG TENDL-2015, AKONING  
alphas from (n,n\*)d2a



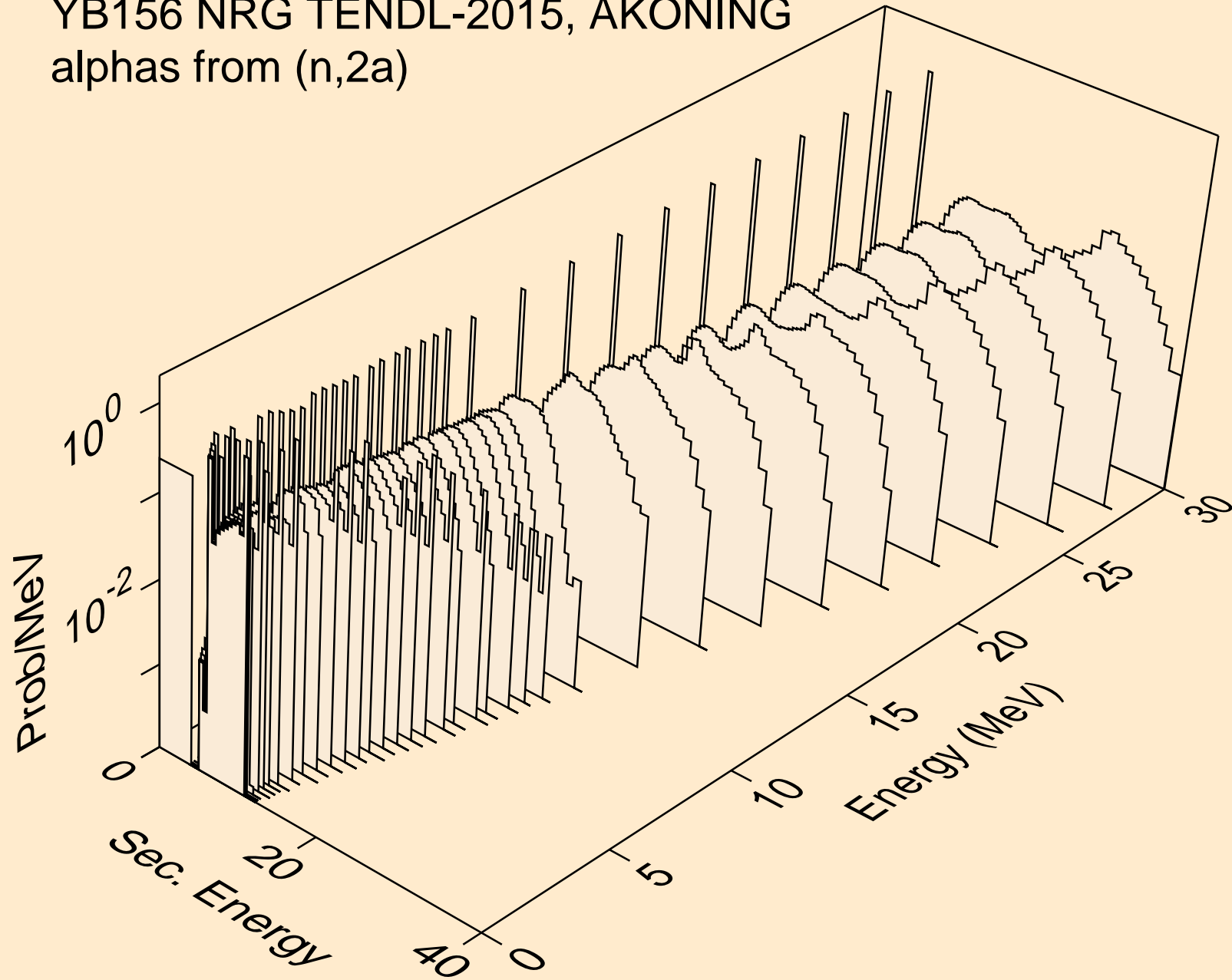
YB156 NRG TENDL-2015, AKONING  
alphas from (n,npa)



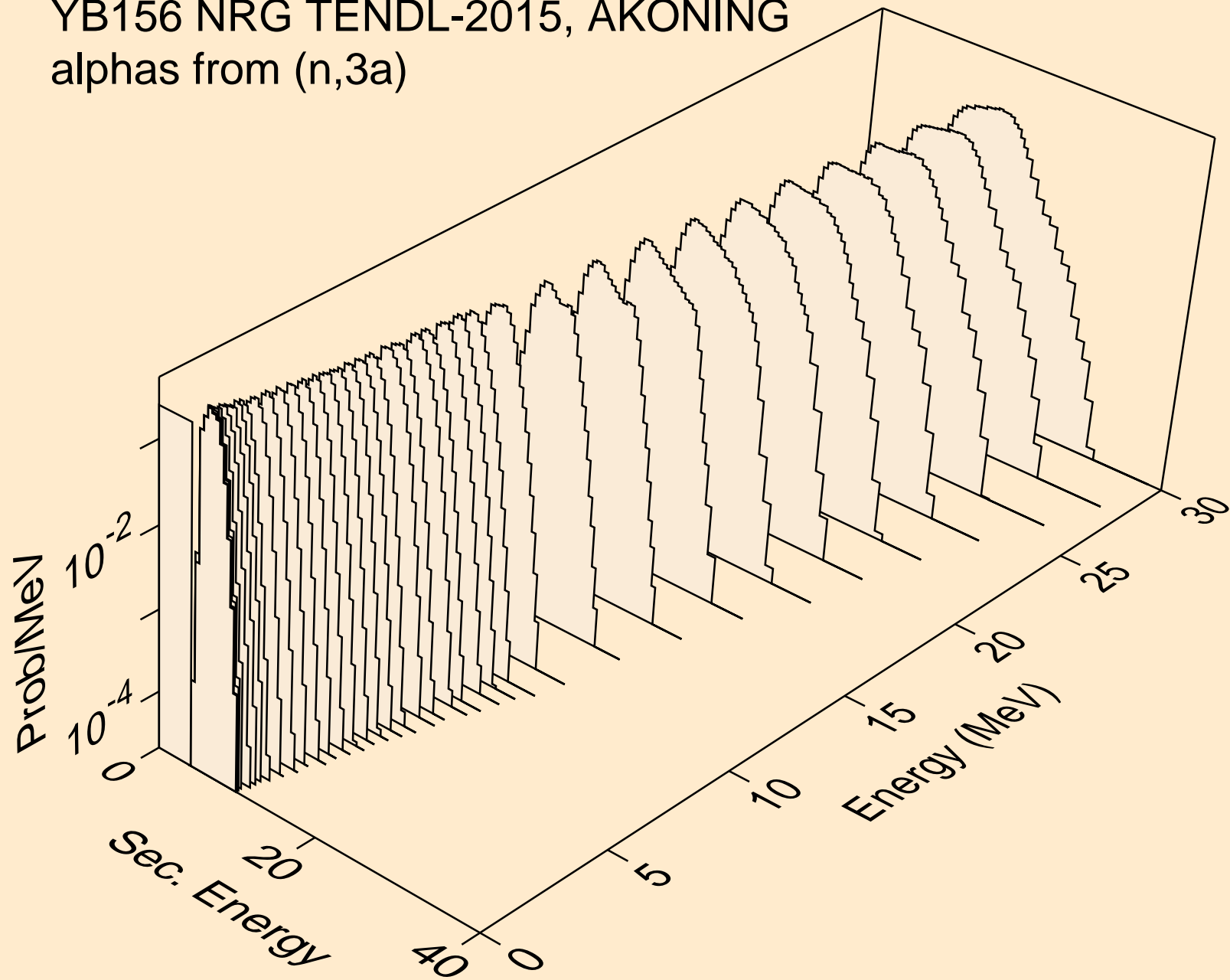
YB156 NRG TENDL-2015, AKONING  
alphas from (n,a)



YB156 NRG TENDL-2015, AKONING  
alphas from (n,2a)

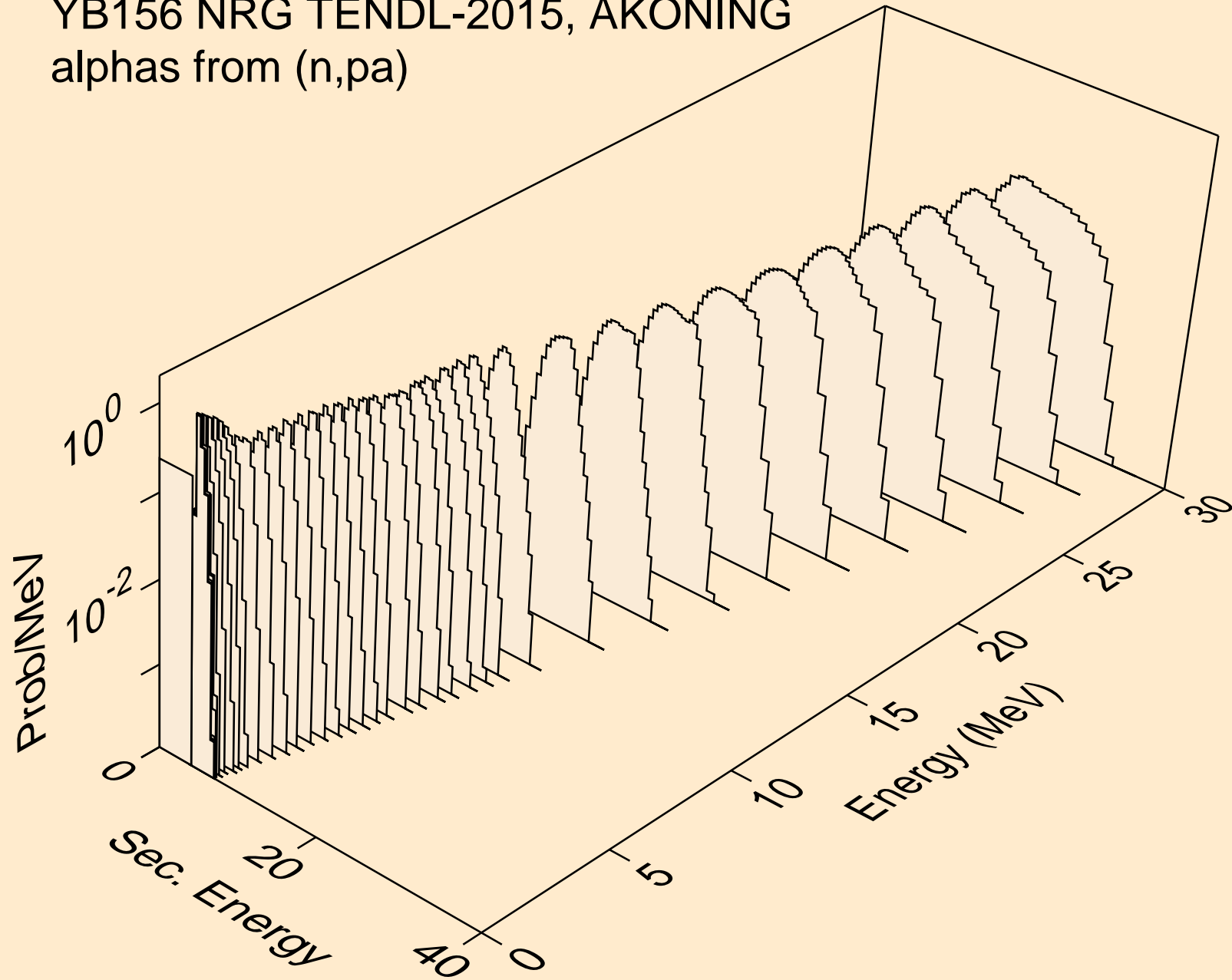


YB156 NRG TENDL-2015, AKONING  
alphas from (n,3a)

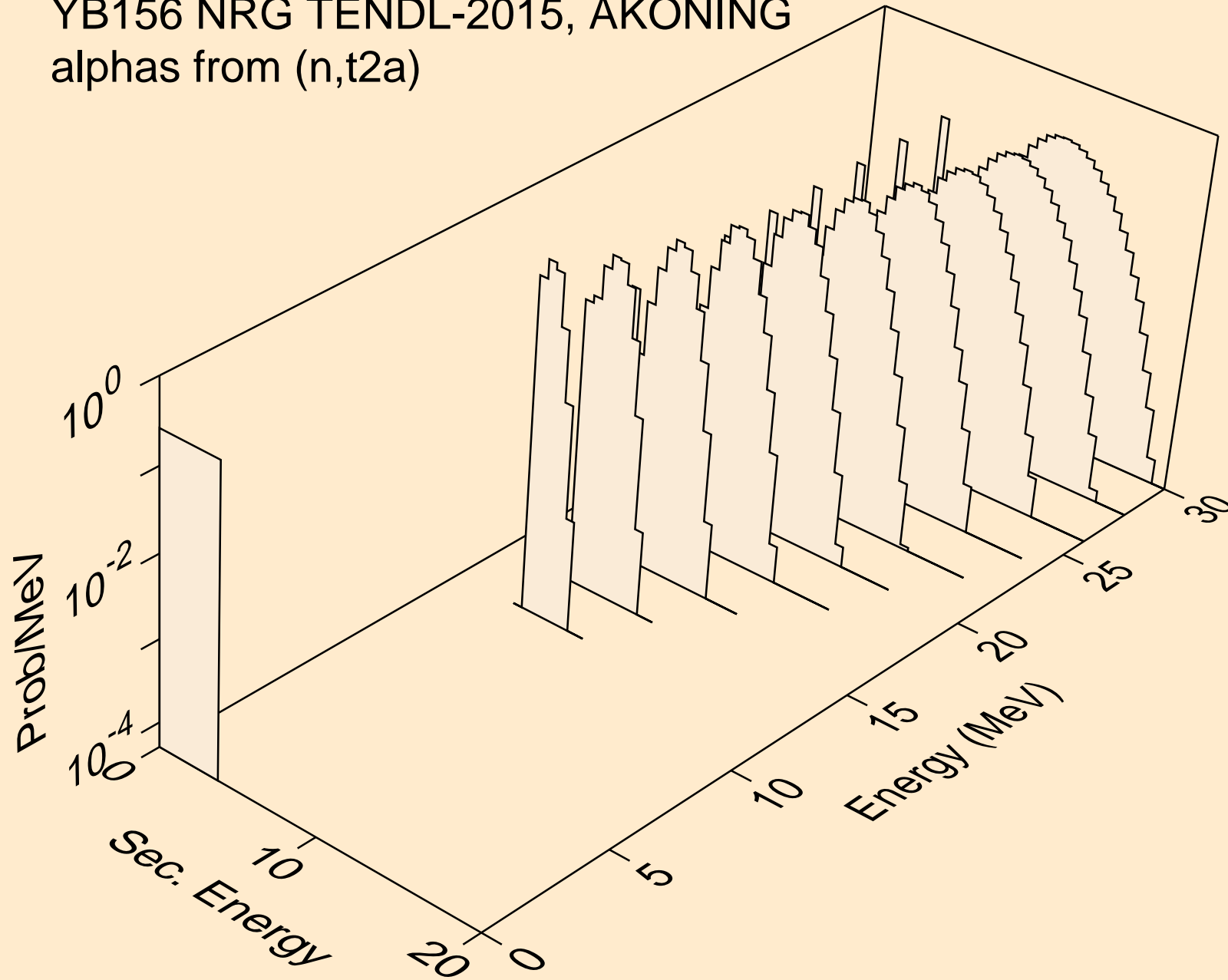




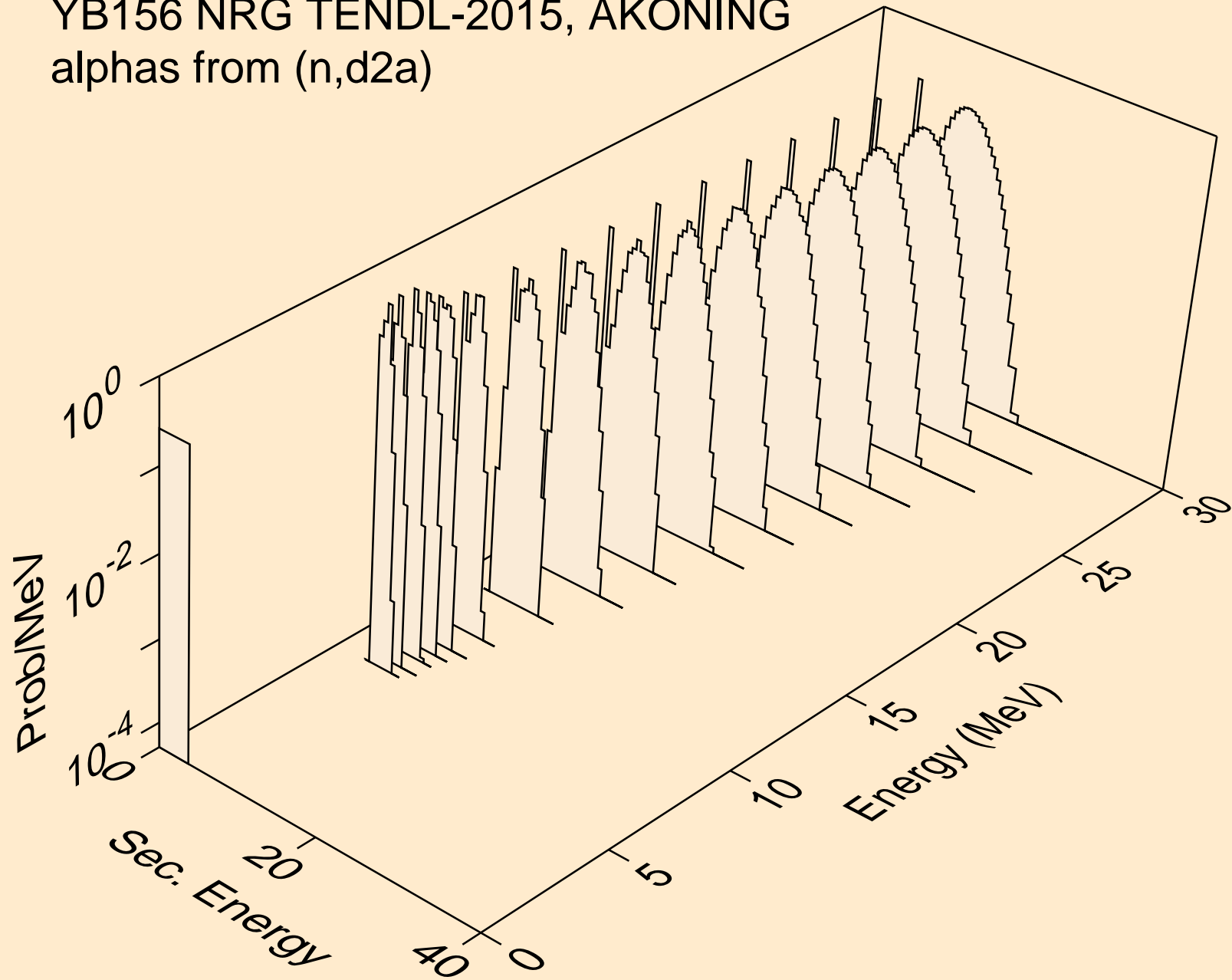
YB156 NRG TENDL-2015, AKONING  
alphas from (n,pa)



YB156 NRG TENDL-2015, AKONING  
alphas from (n,t2a)



YB156 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



YB156 NRG TENDL-2015, AKONING  
alphas from (n,da)

