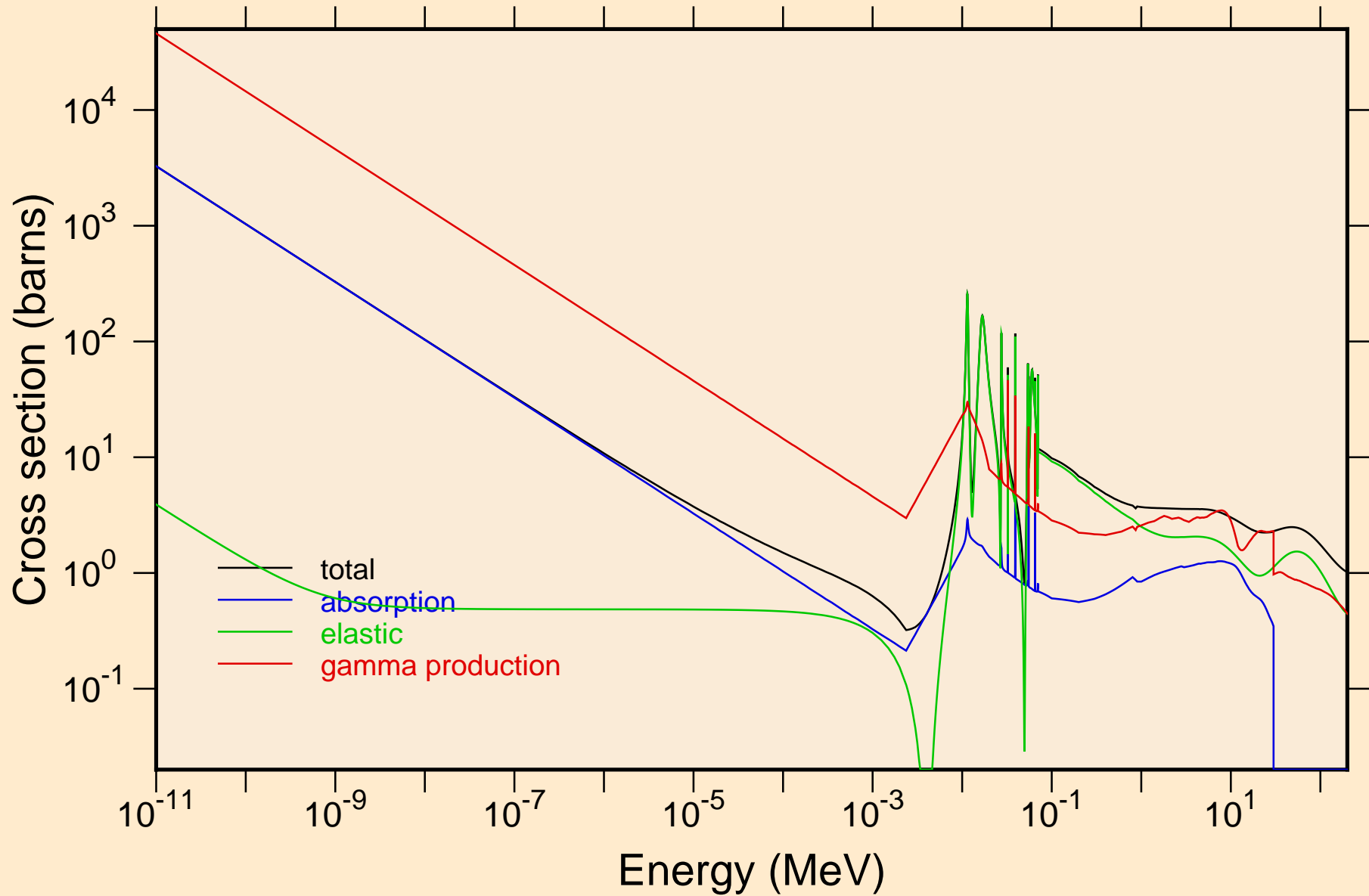


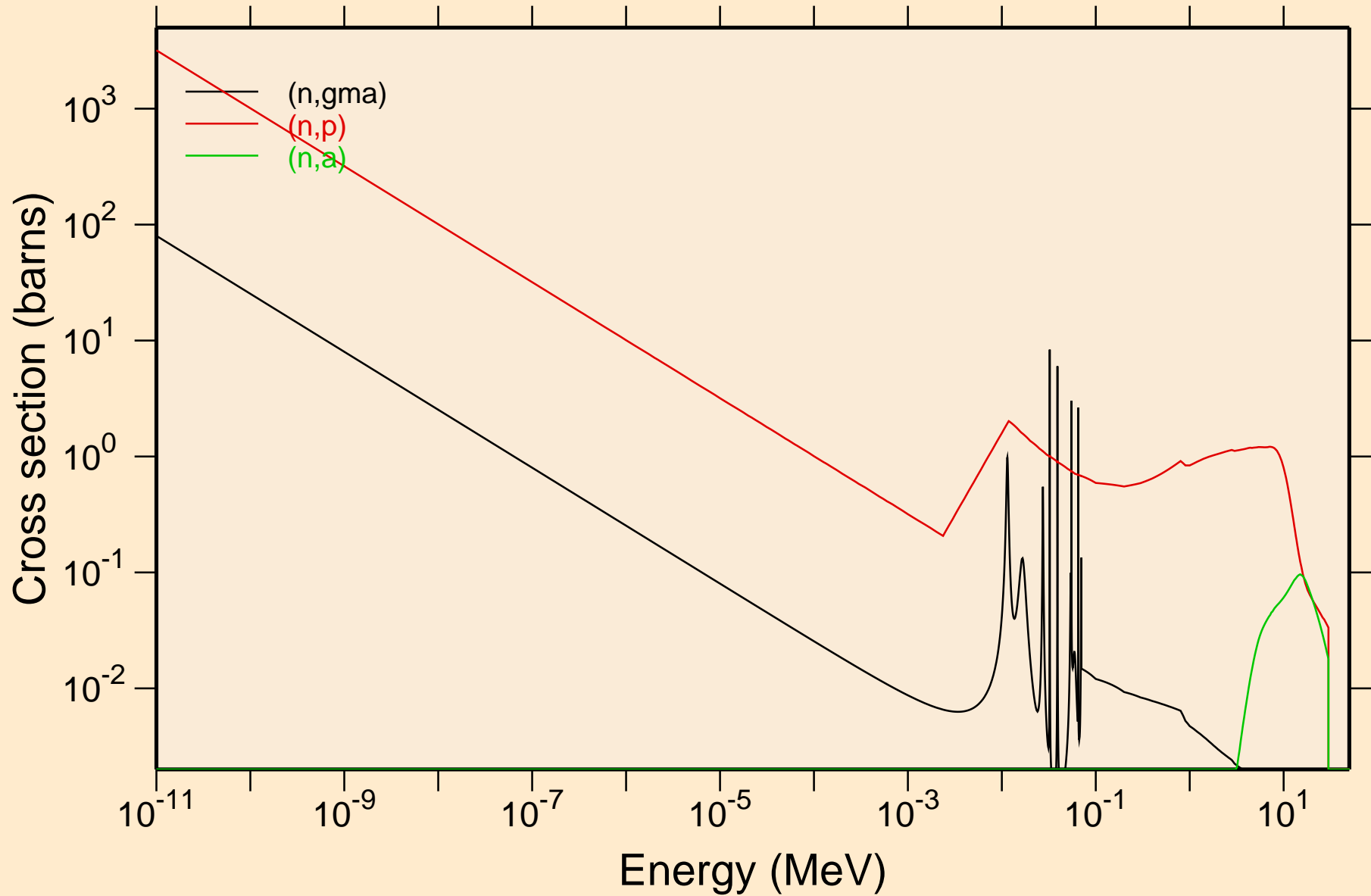
# FE052 NRG TENDL-2015, AKONING

## Principal cross sections



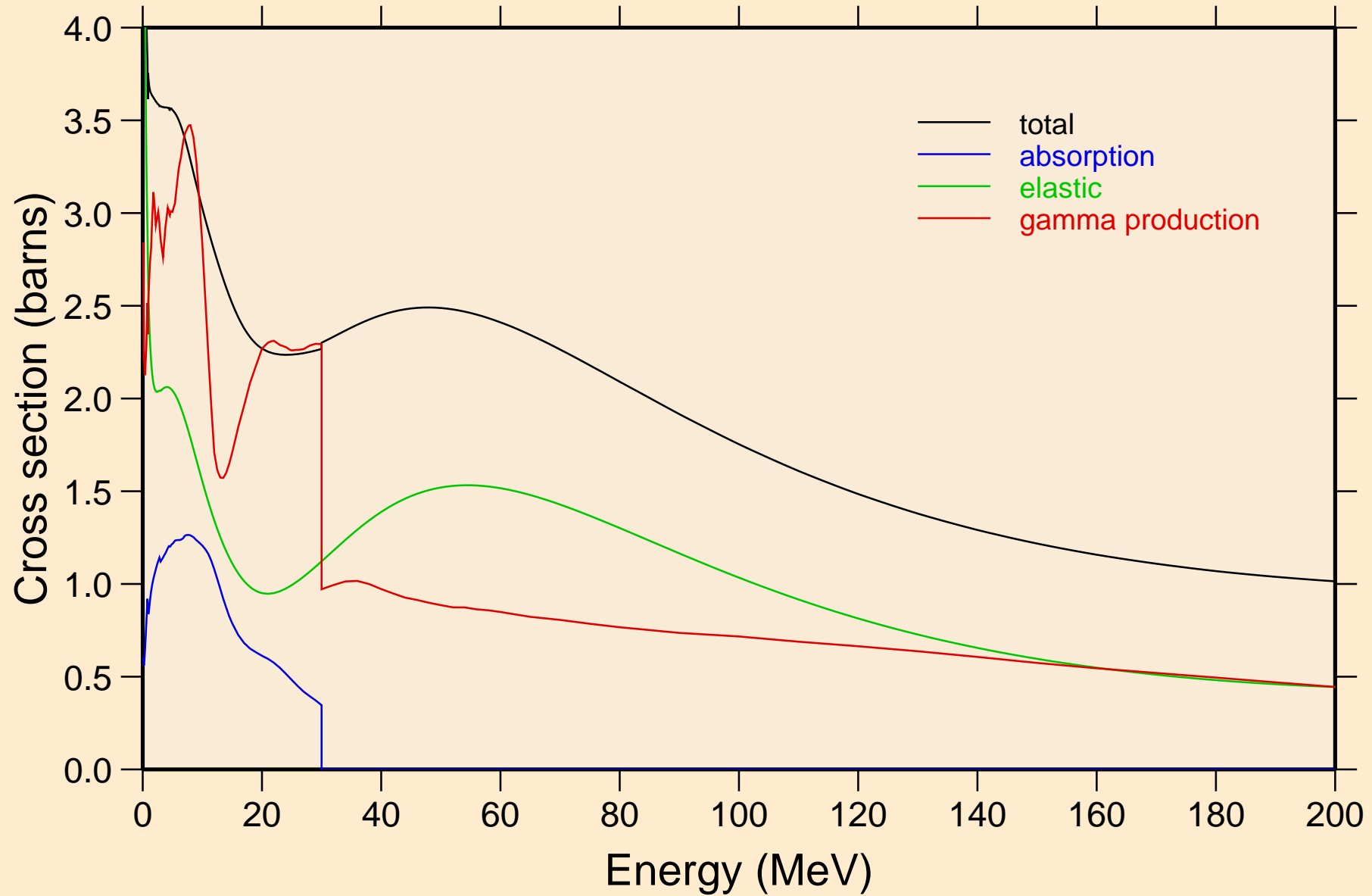
# FE052 NRG TENDL-2015, AKONING

## Non-threshold reactions



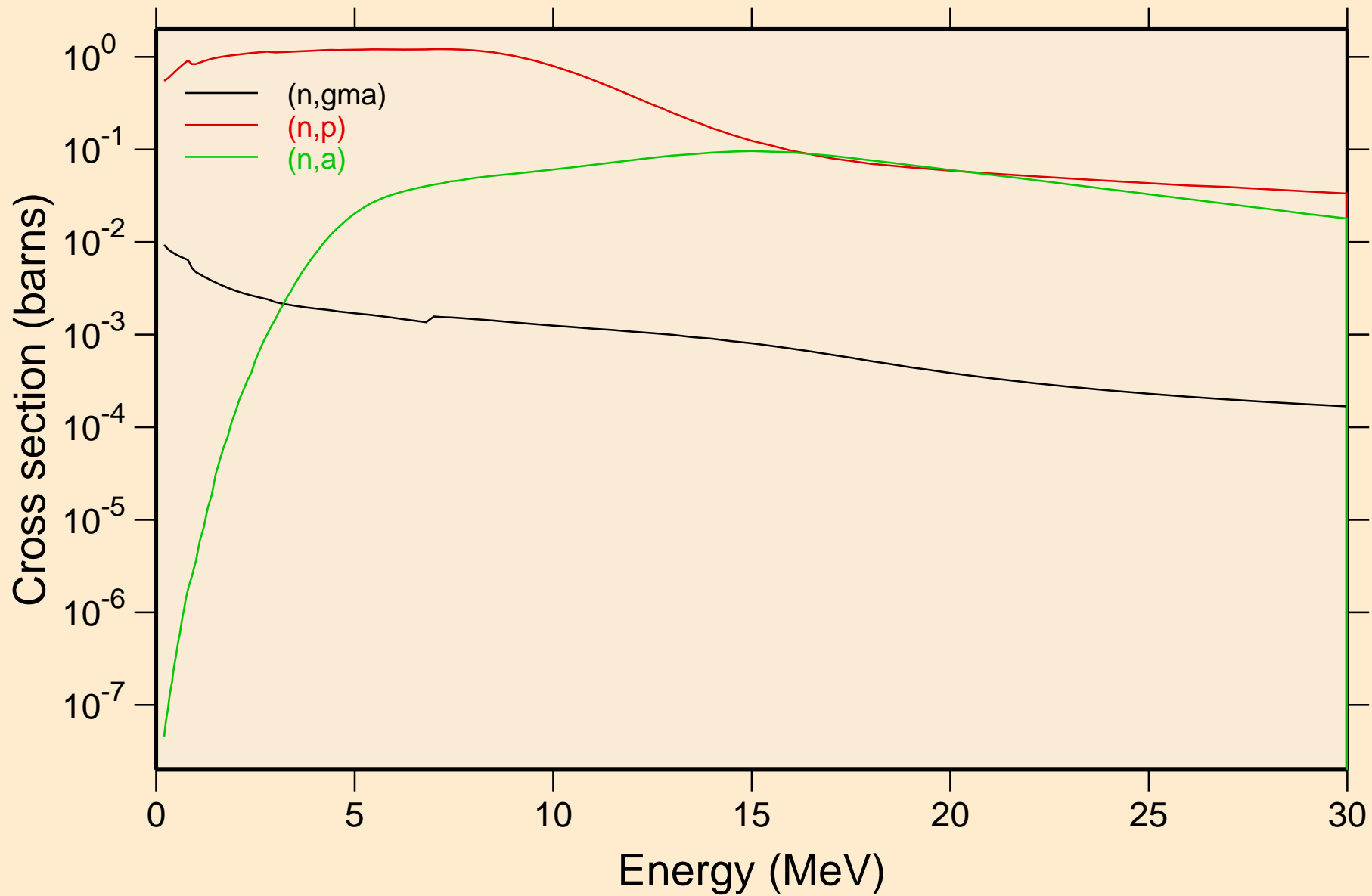
# FE052 NRG TENDL-2015, AKONING

## Principal cross sections



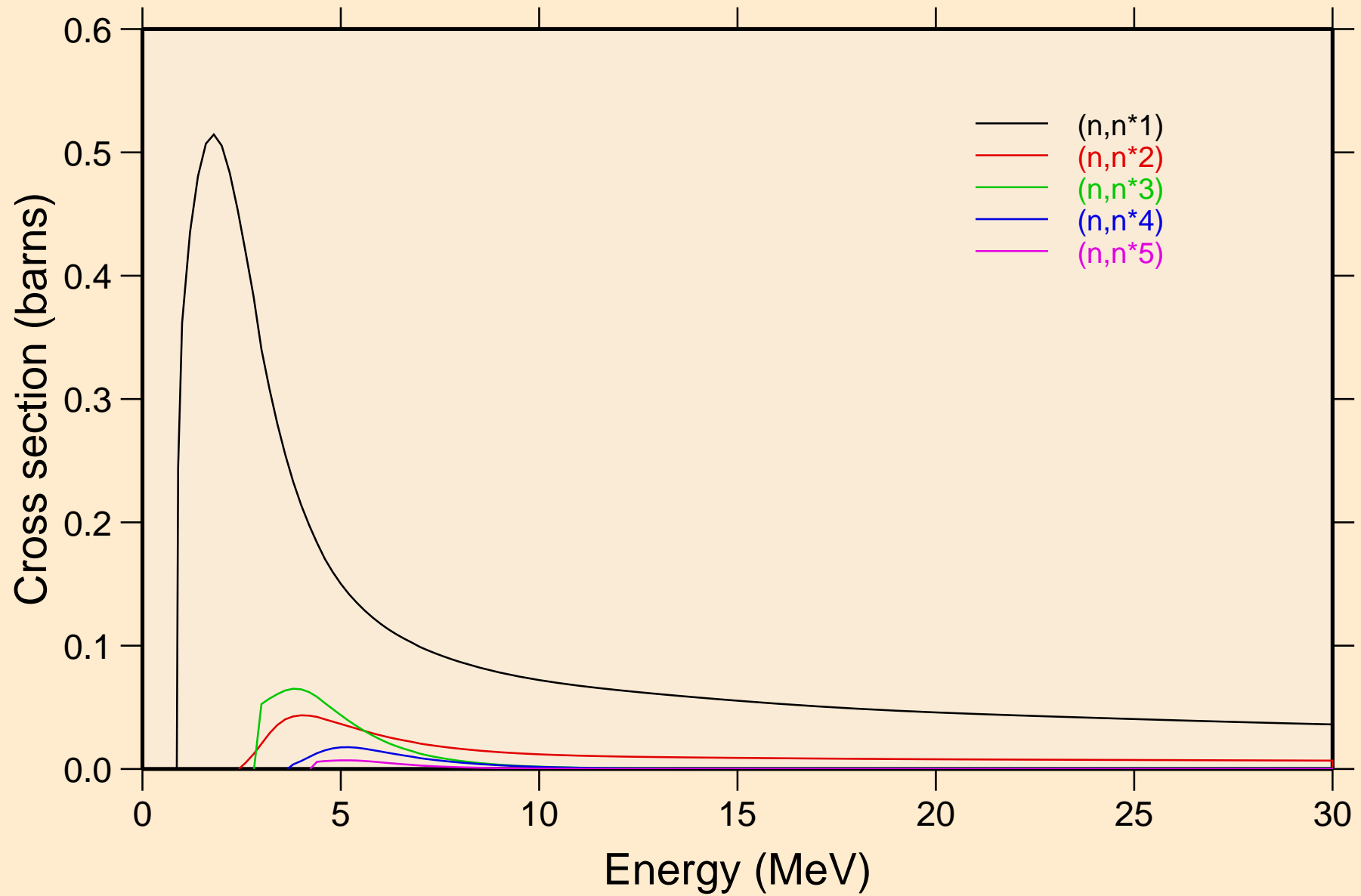
# FE052 NRG TENDL-2015, AKONING

## Non-threshold reactions



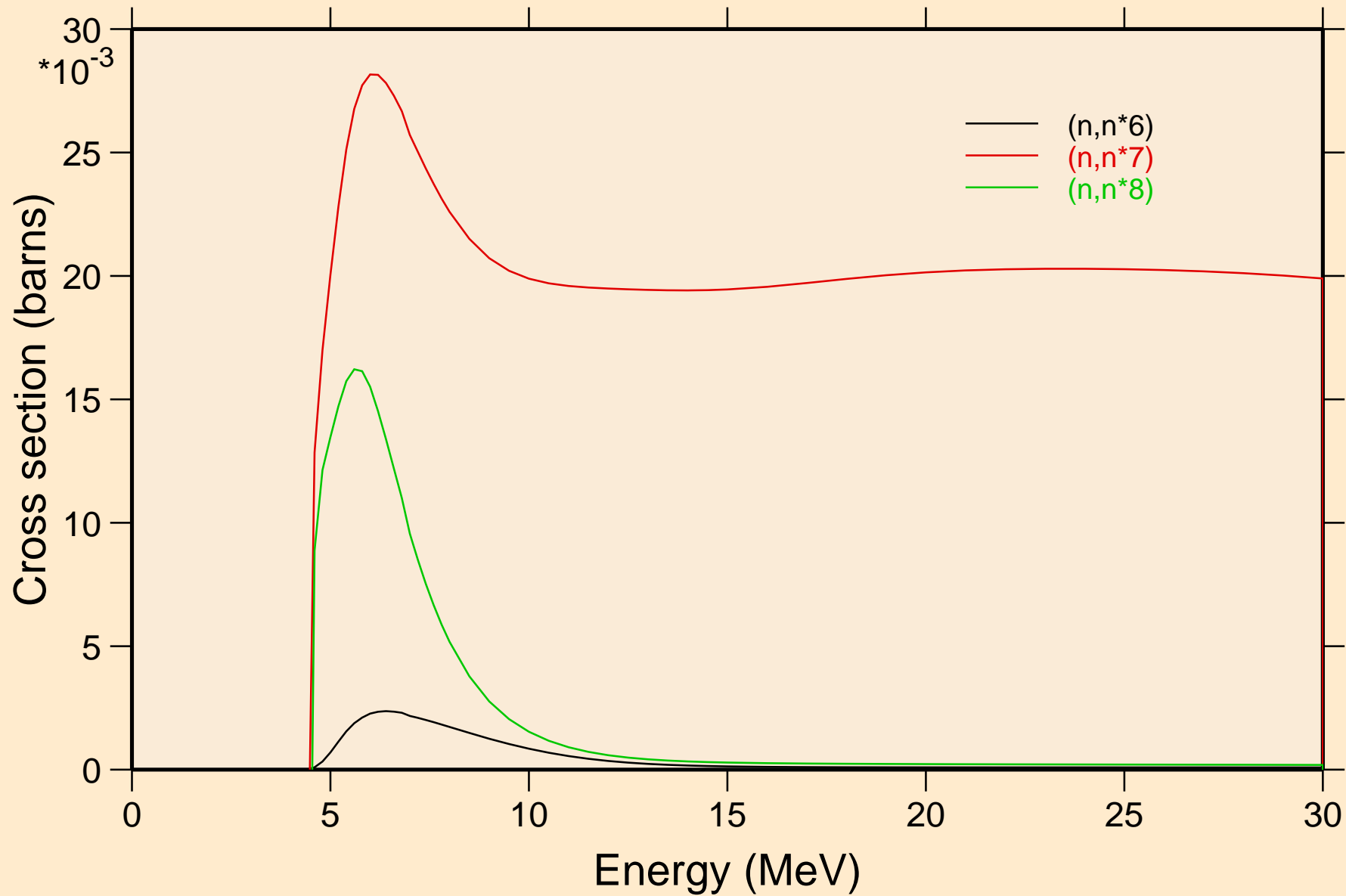
# FE052 NRG TENDL-2015, AKONING

## Inelastic levels



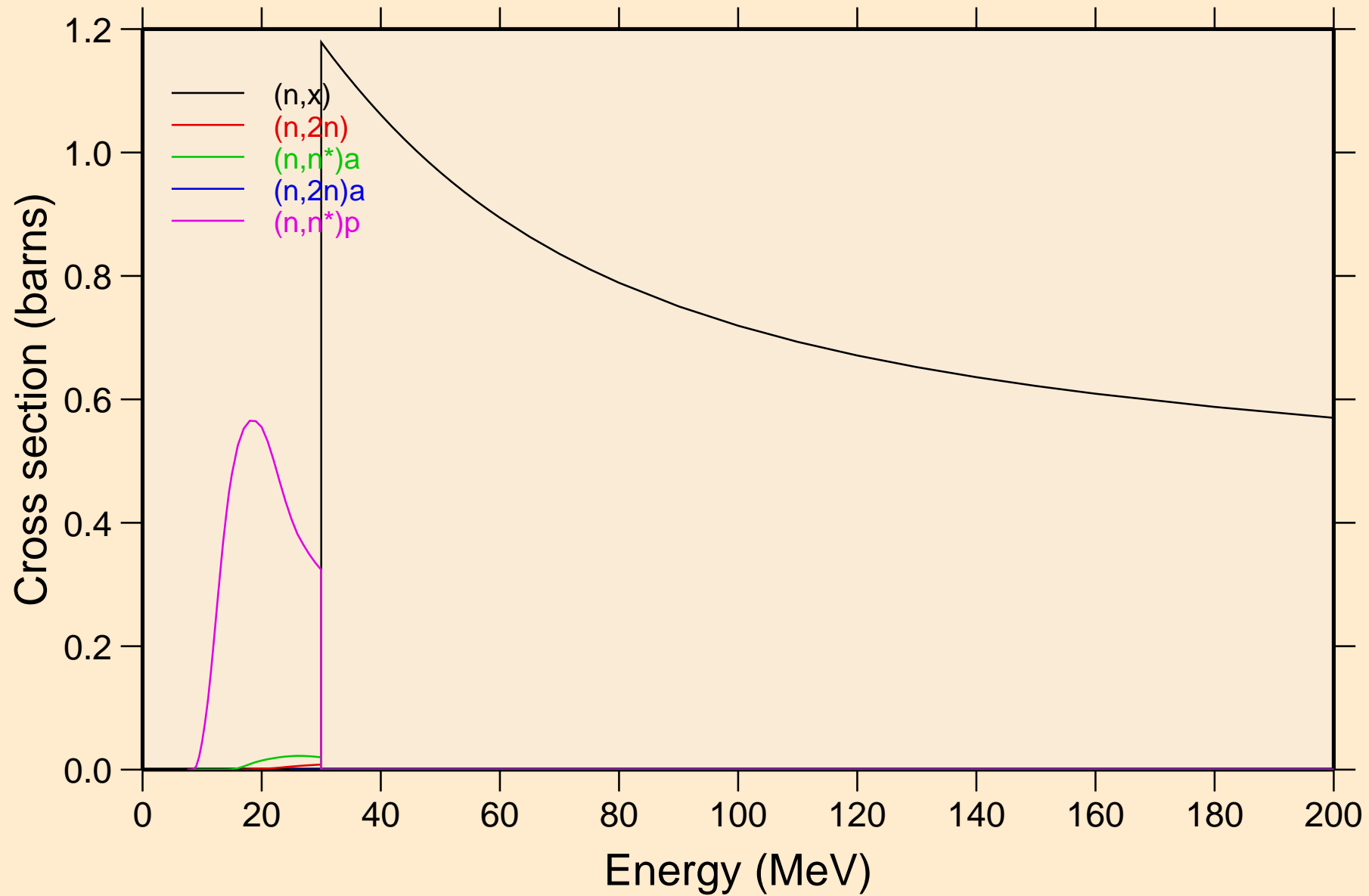
# FE052 NRG TENDL-2015, AKONING

## Inelastic levels



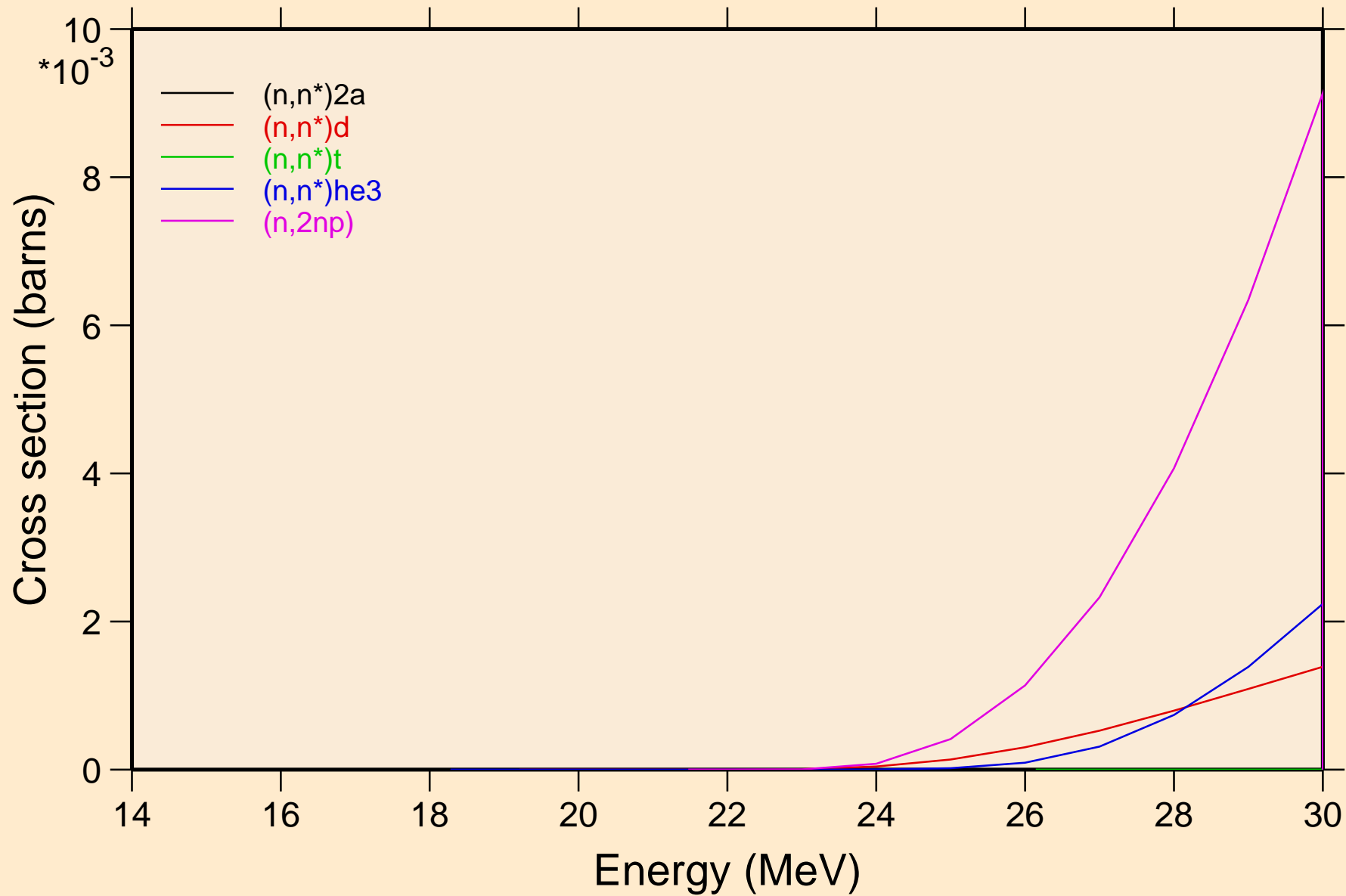
# FE052 NRG TENDL-2015, AKONING

## Threshold reactions



# FE052 NRG TENDL-2015, AKONING

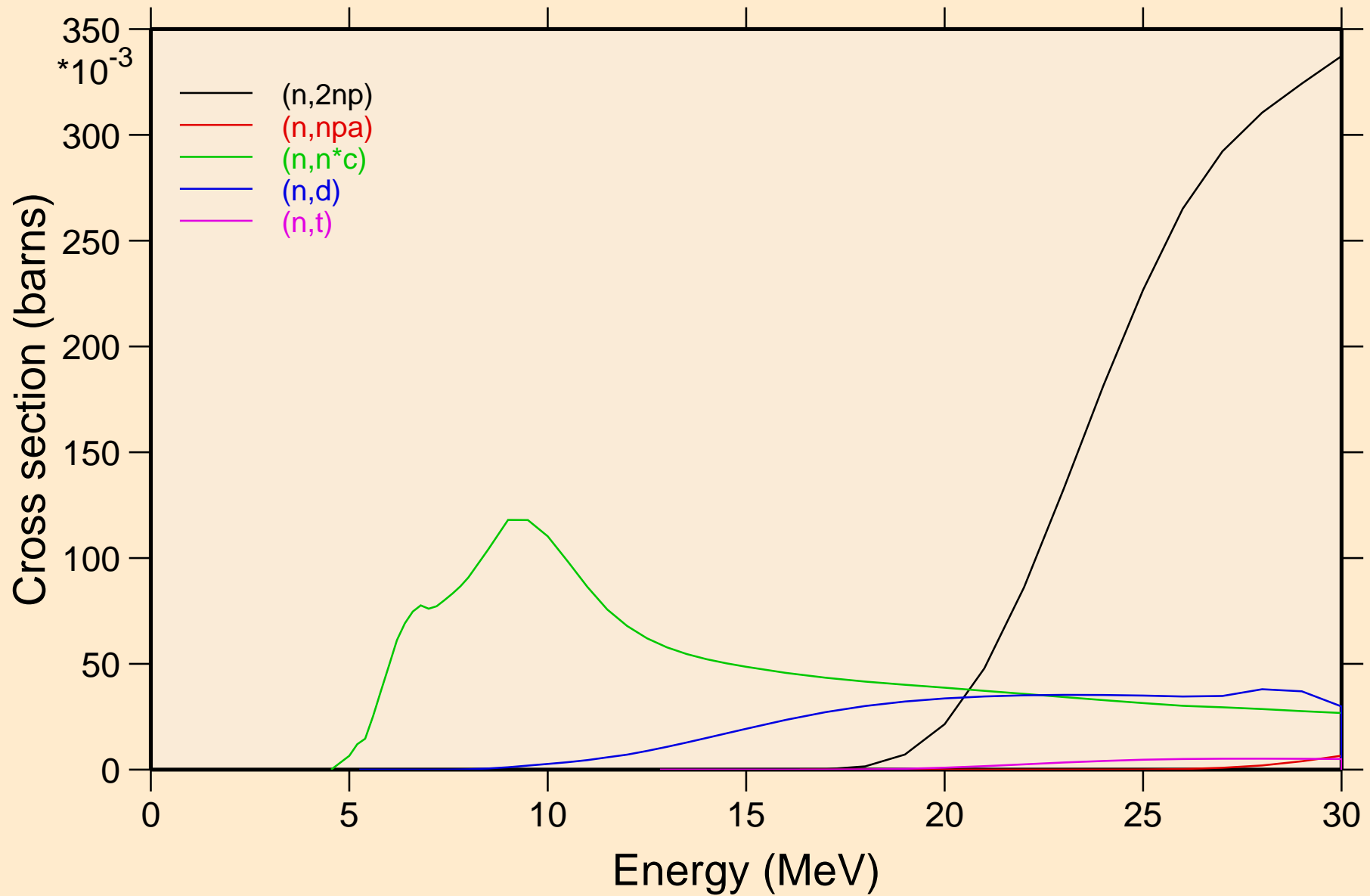
## Threshold reactions





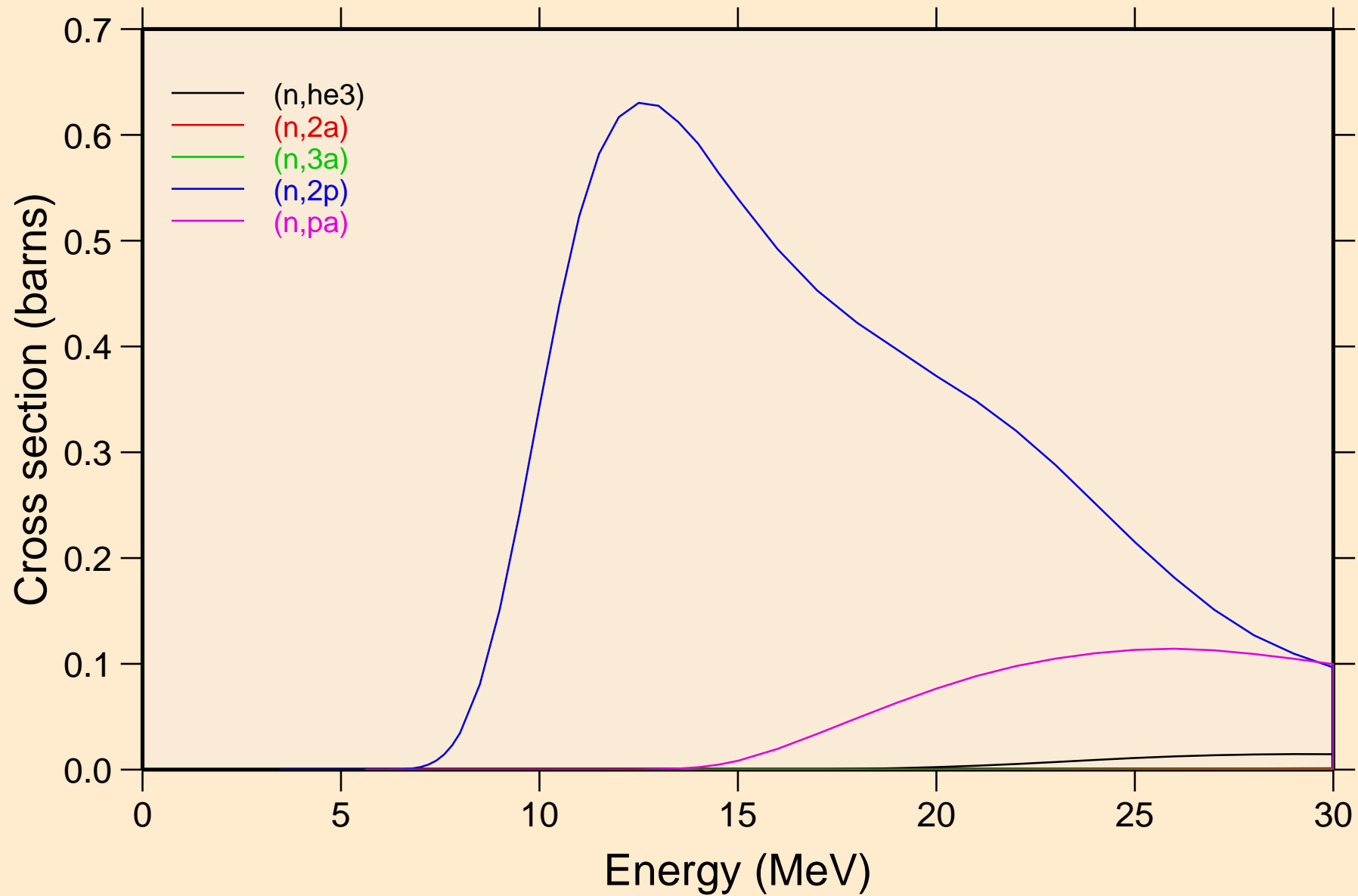
# FE052 NRG TENDL-2015, AKONING

## Threshold reactions



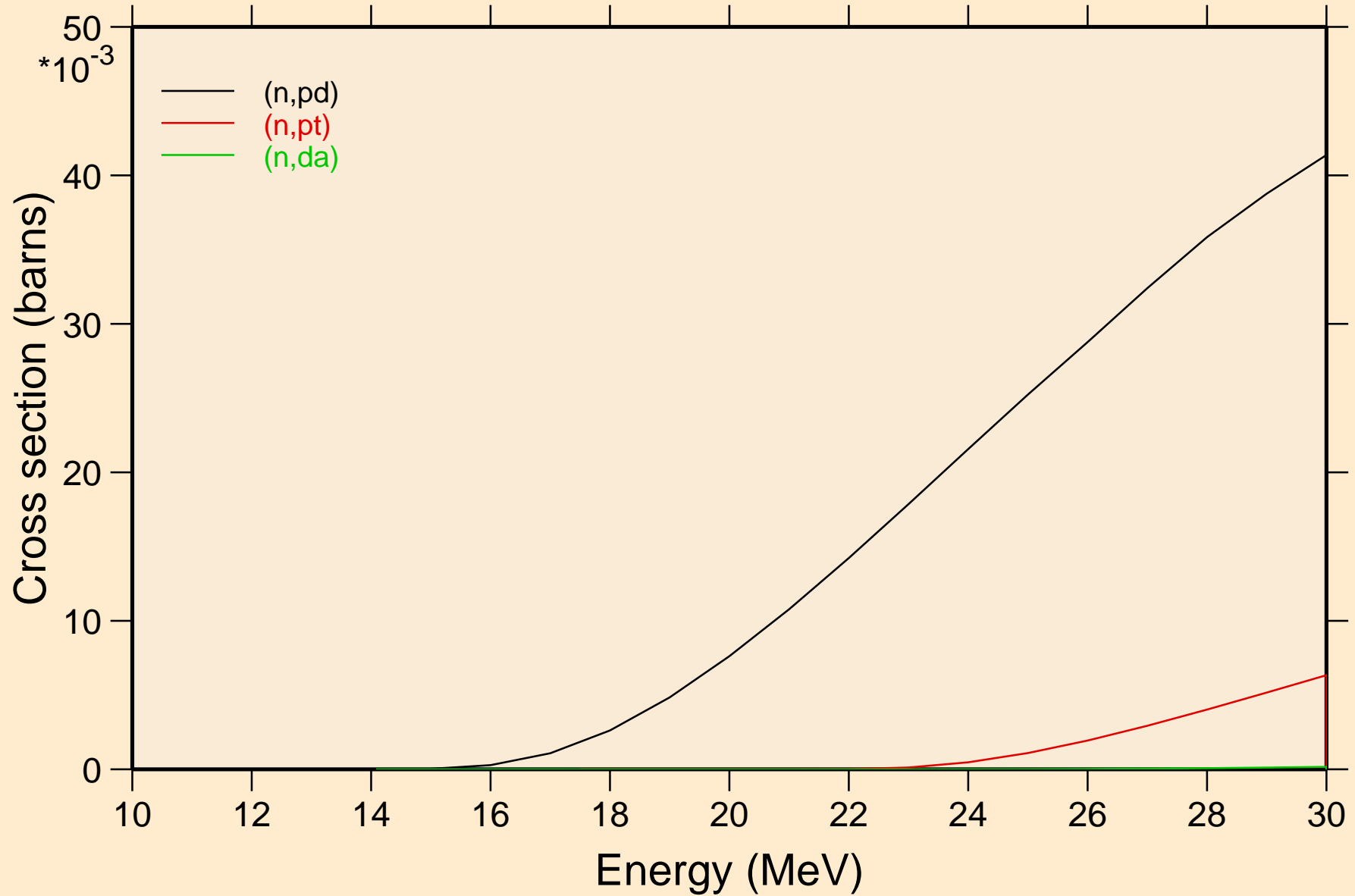
# FE052 NRG TENDL-2015, AKONING

## Threshold reactions

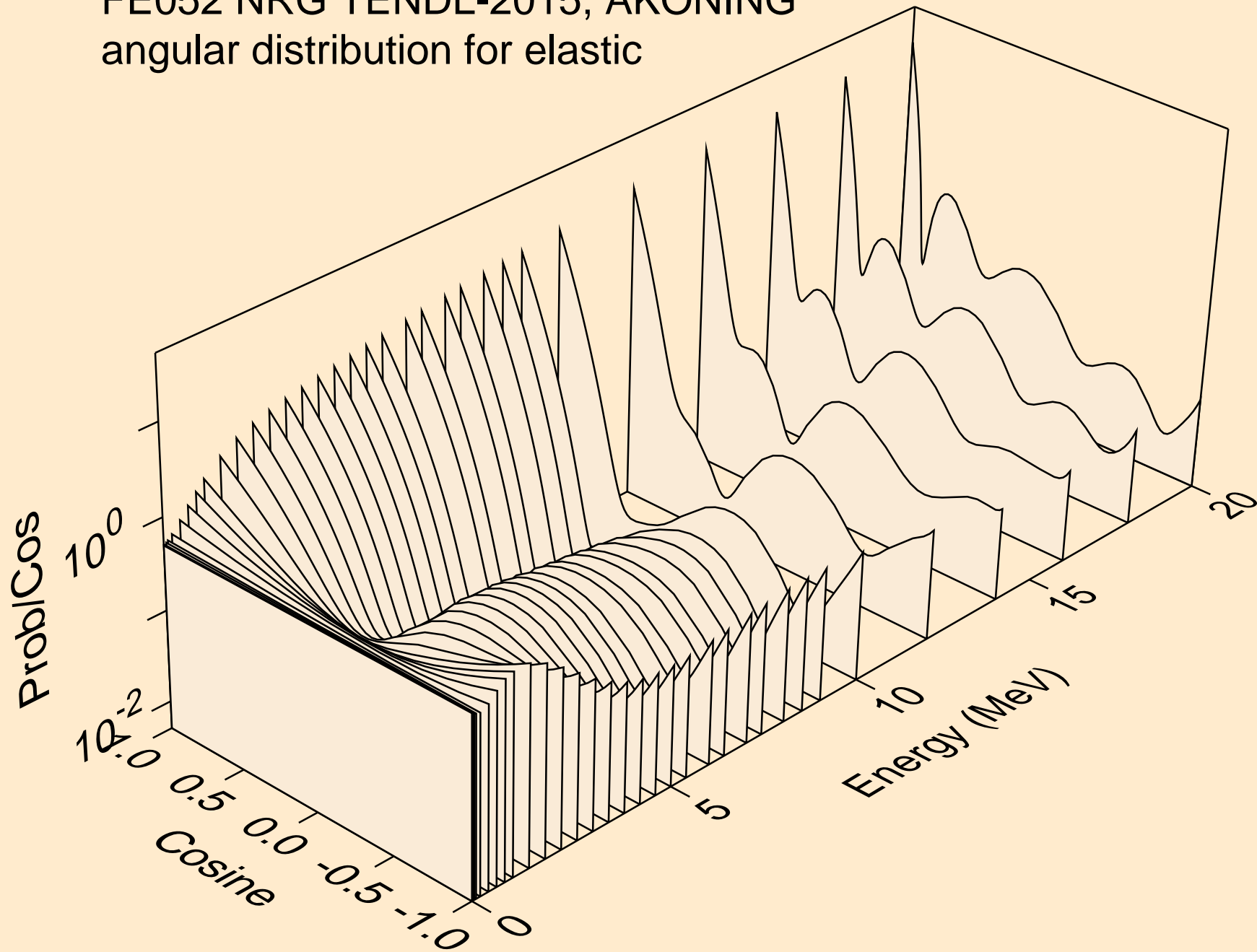


# FE052 NRG TENDL-2015, AKONING

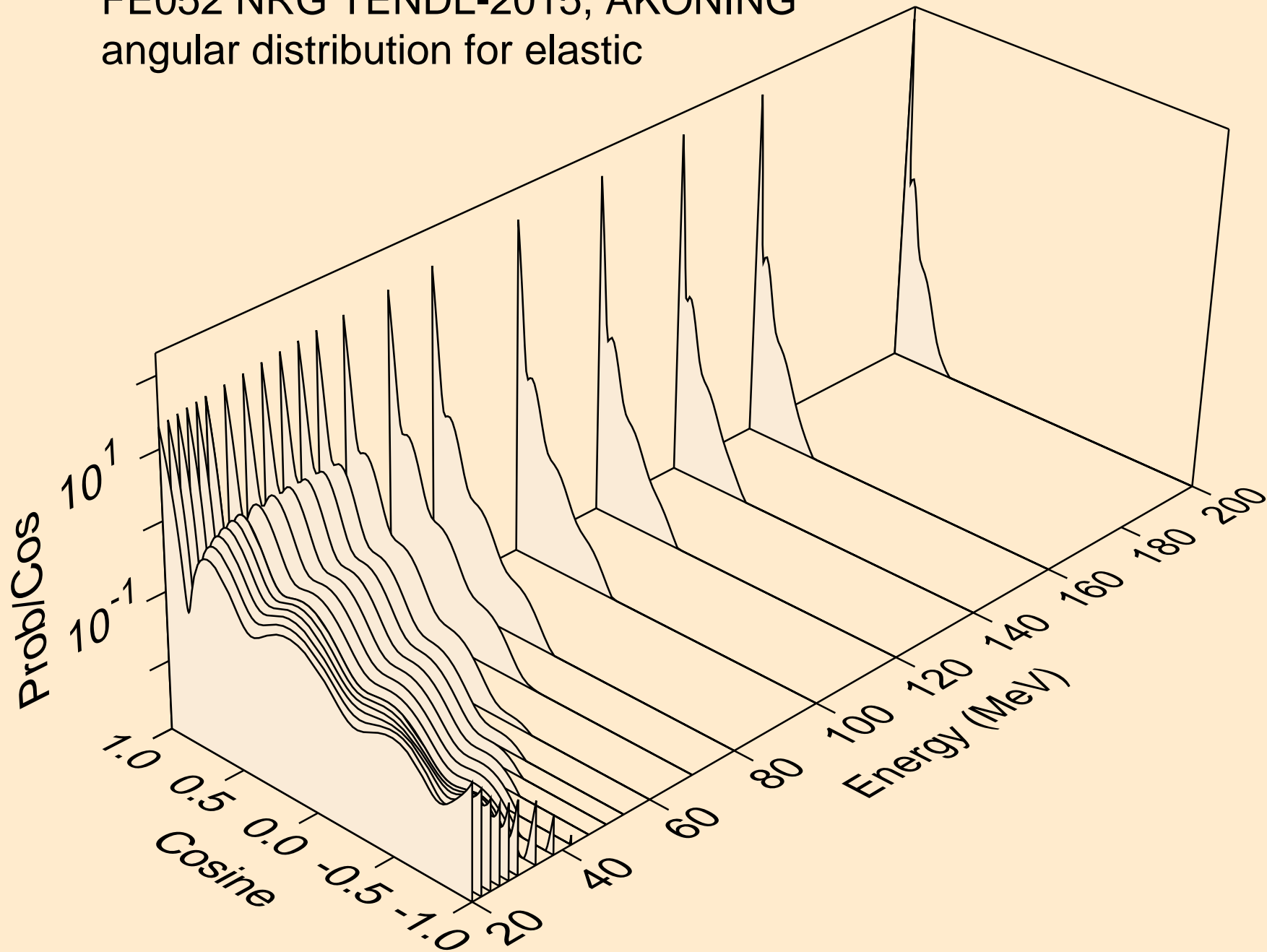
## Threshold reactions



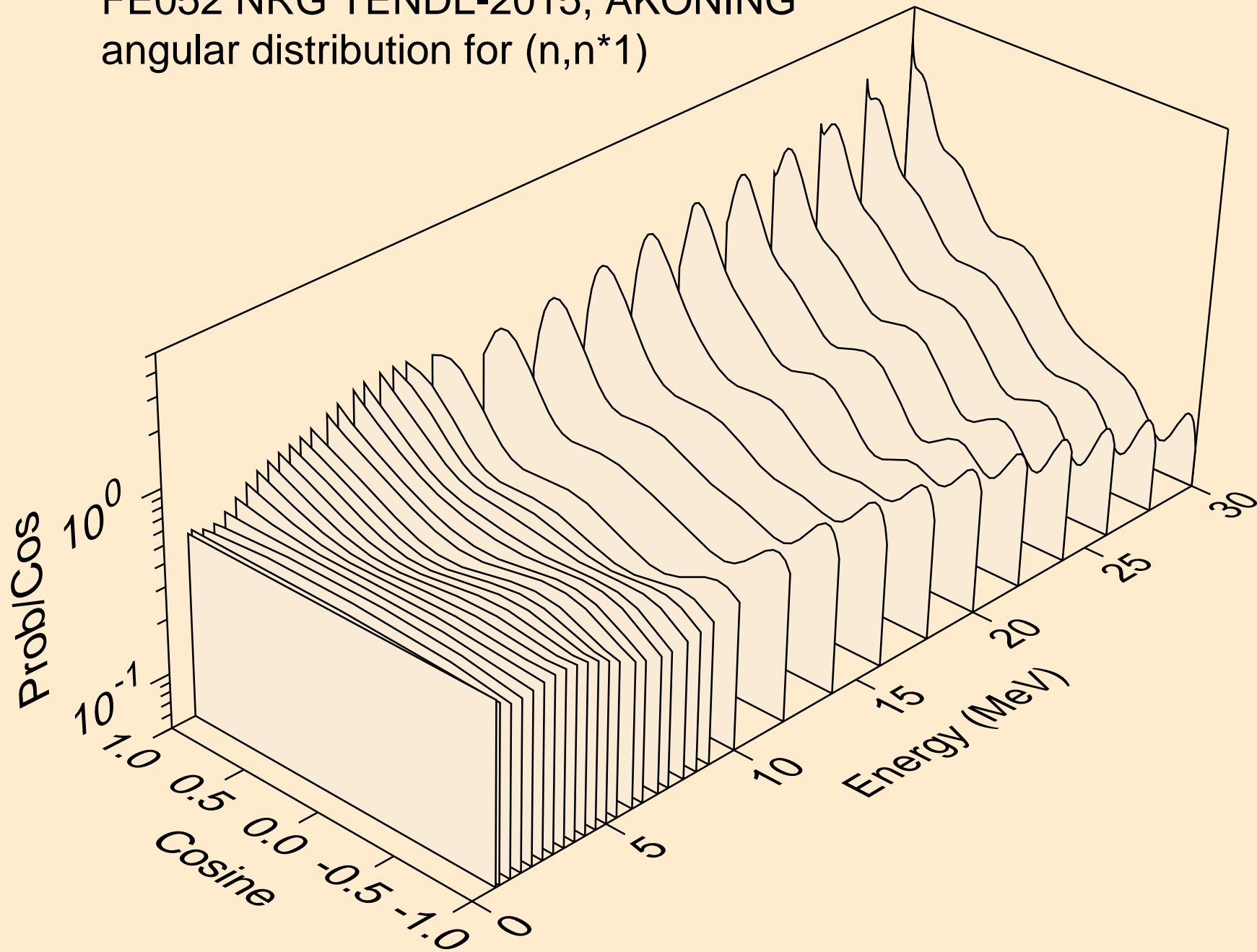
FE052 NRG TENDL-2015, AKONING  
angular distribution for elastic



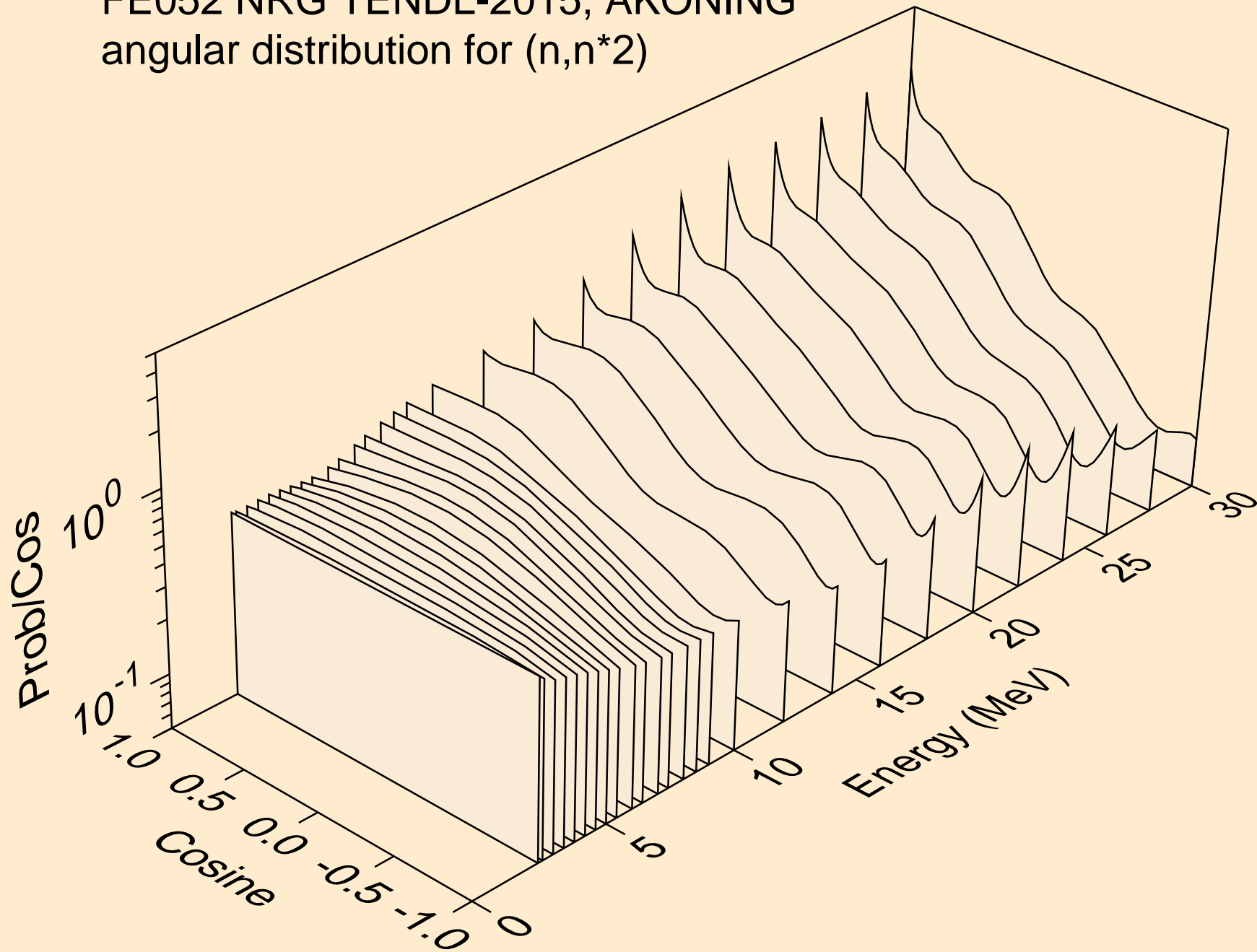
FE052 NRG TENDL-2015, AKONING  
angular distribution for elastic



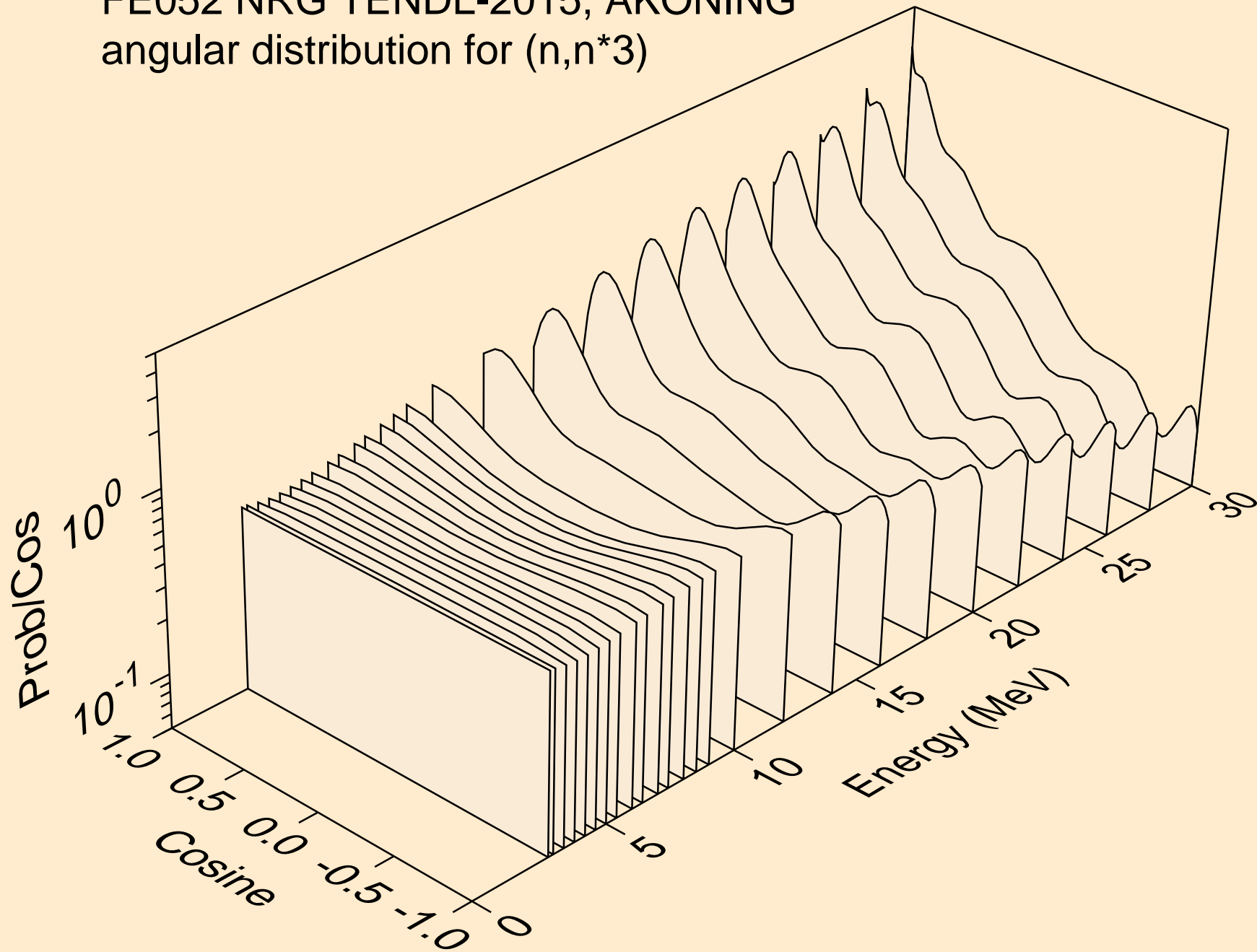
FE052 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



FE052 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)

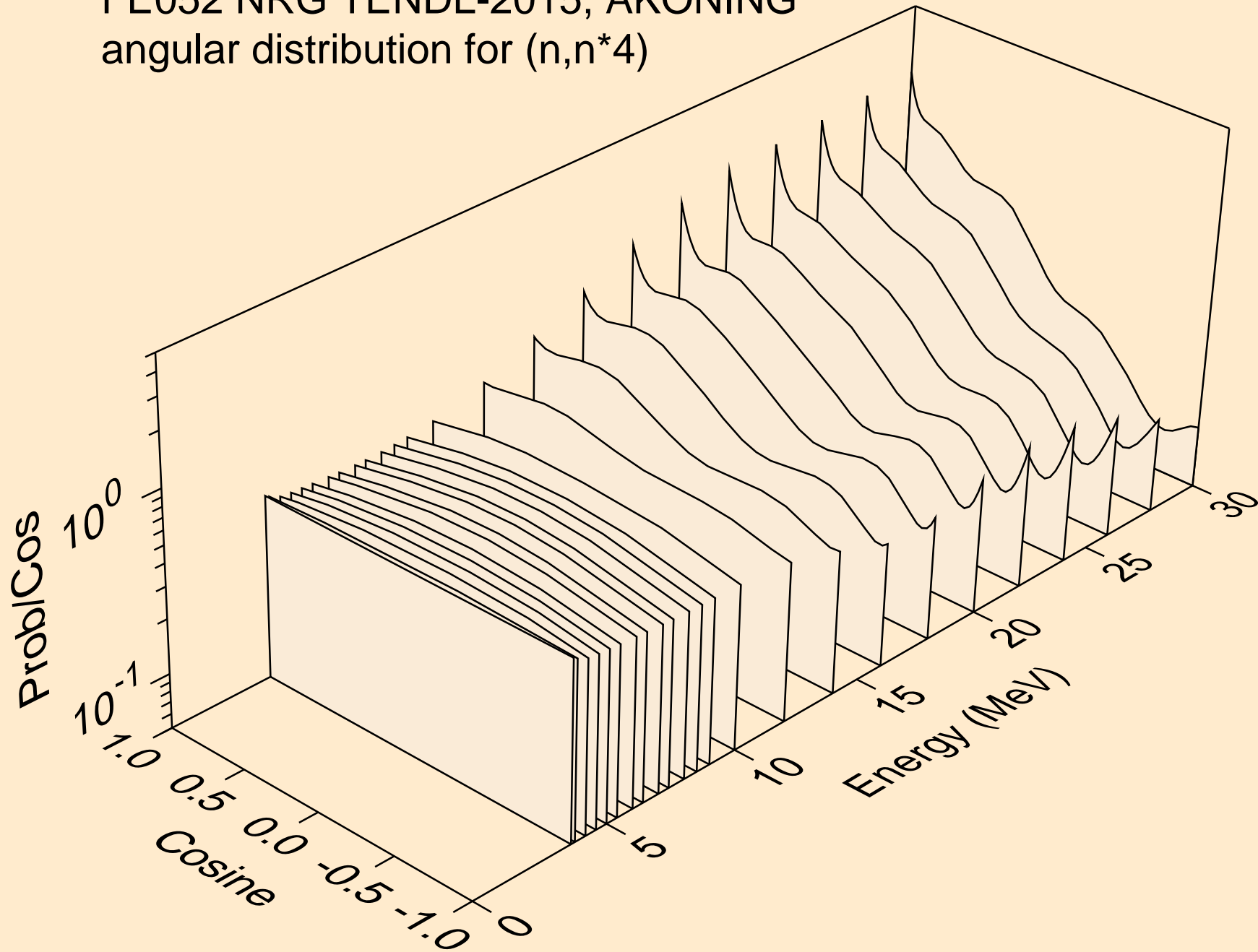


FE052 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)

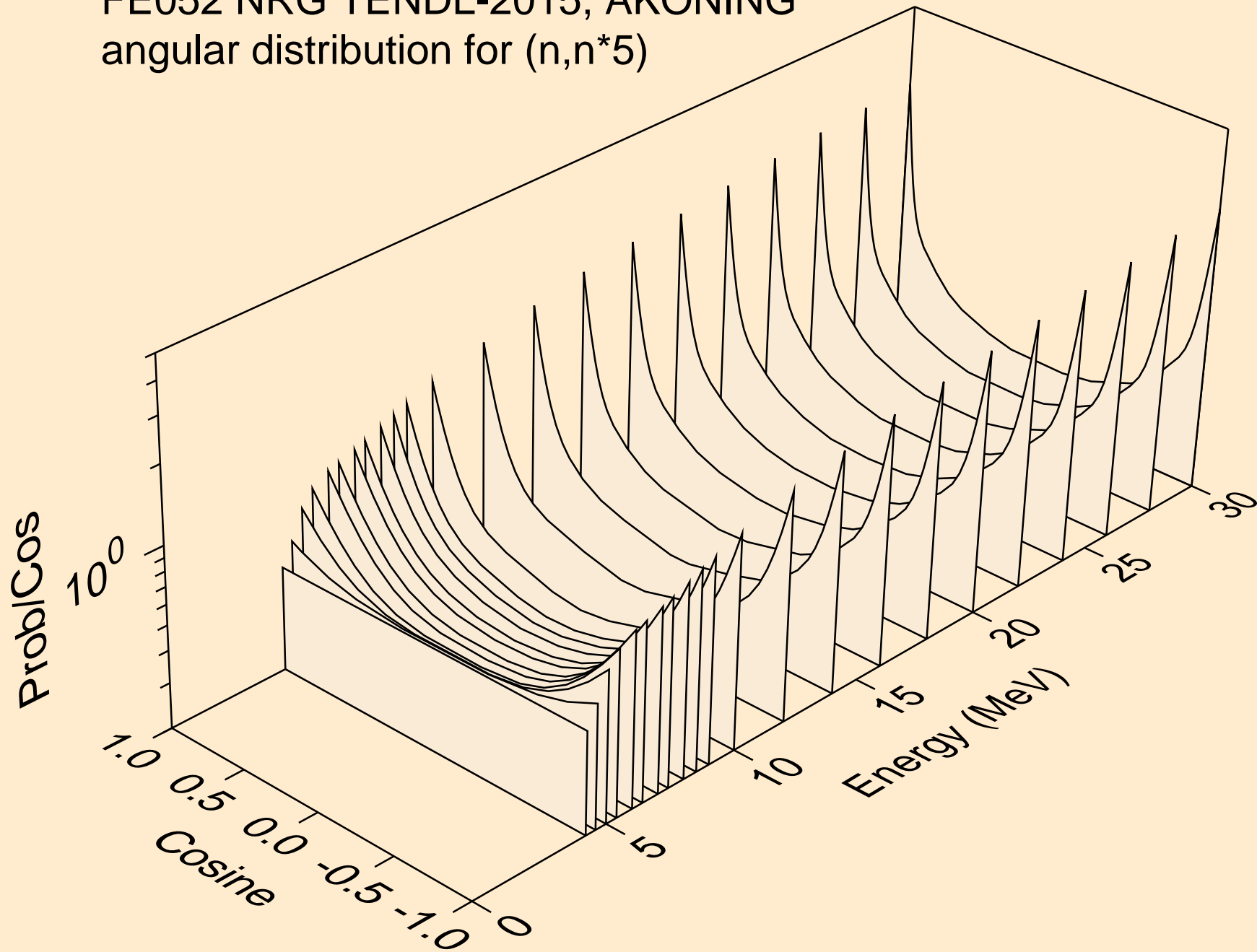




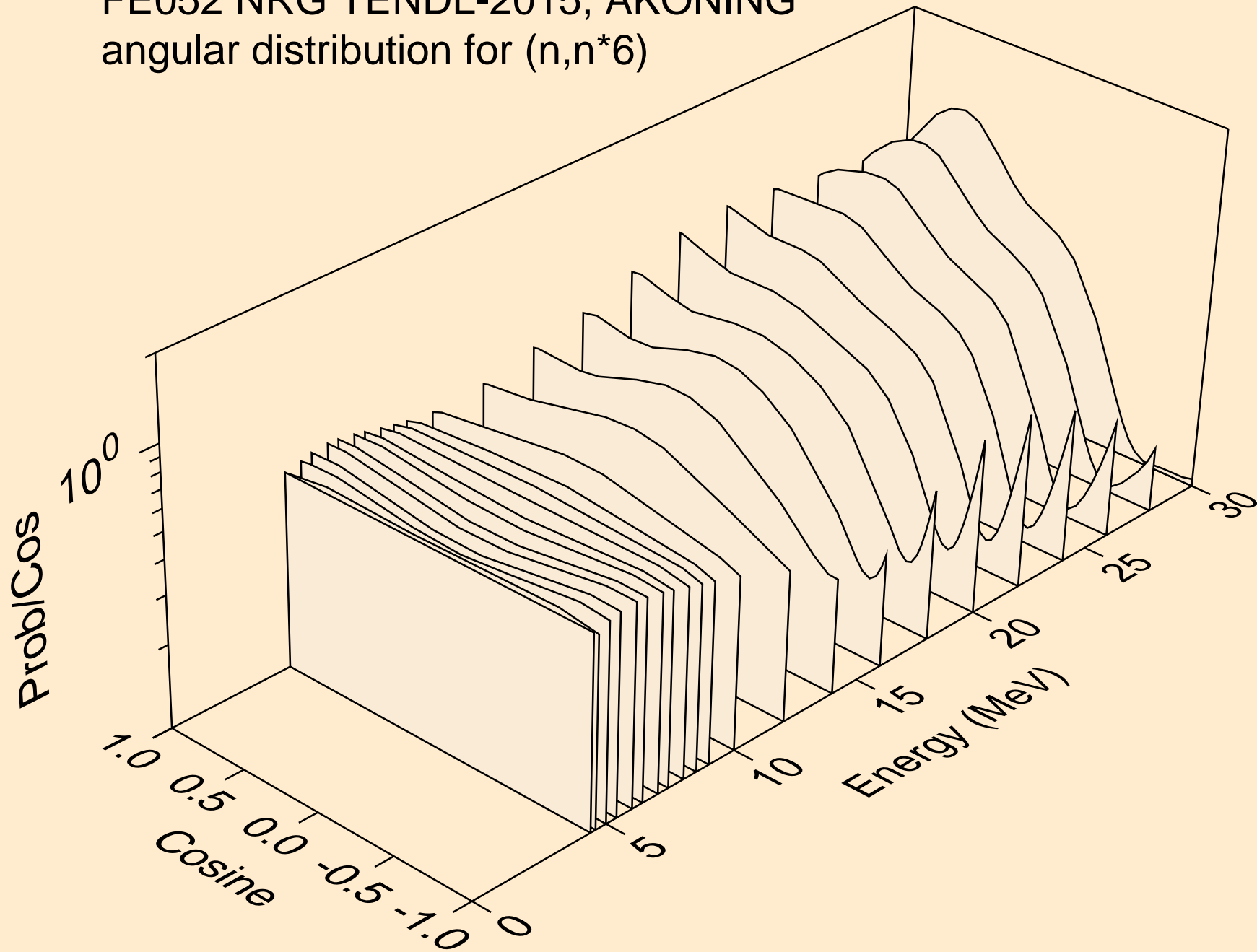
FE052 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



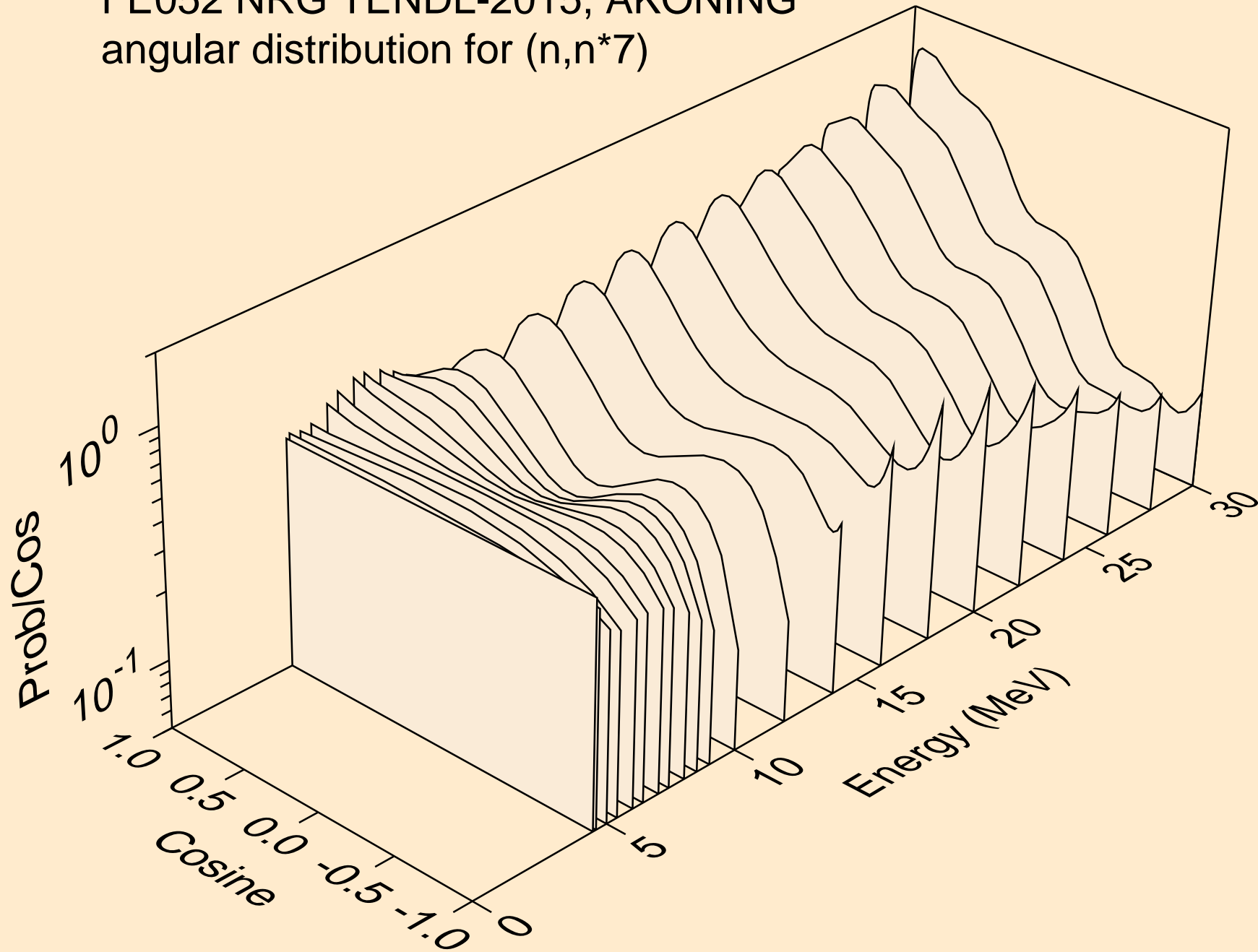
FE052 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



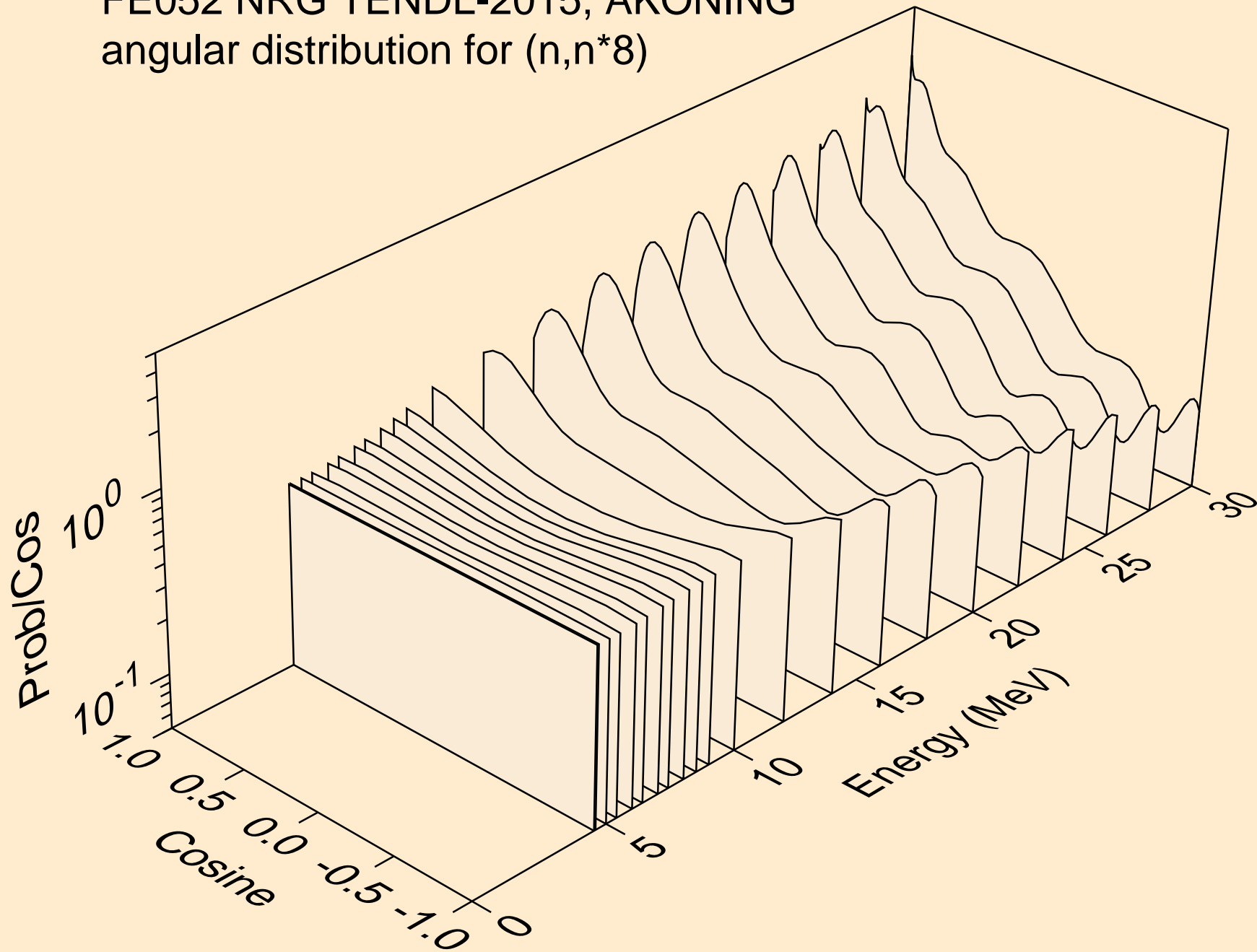
FE052 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



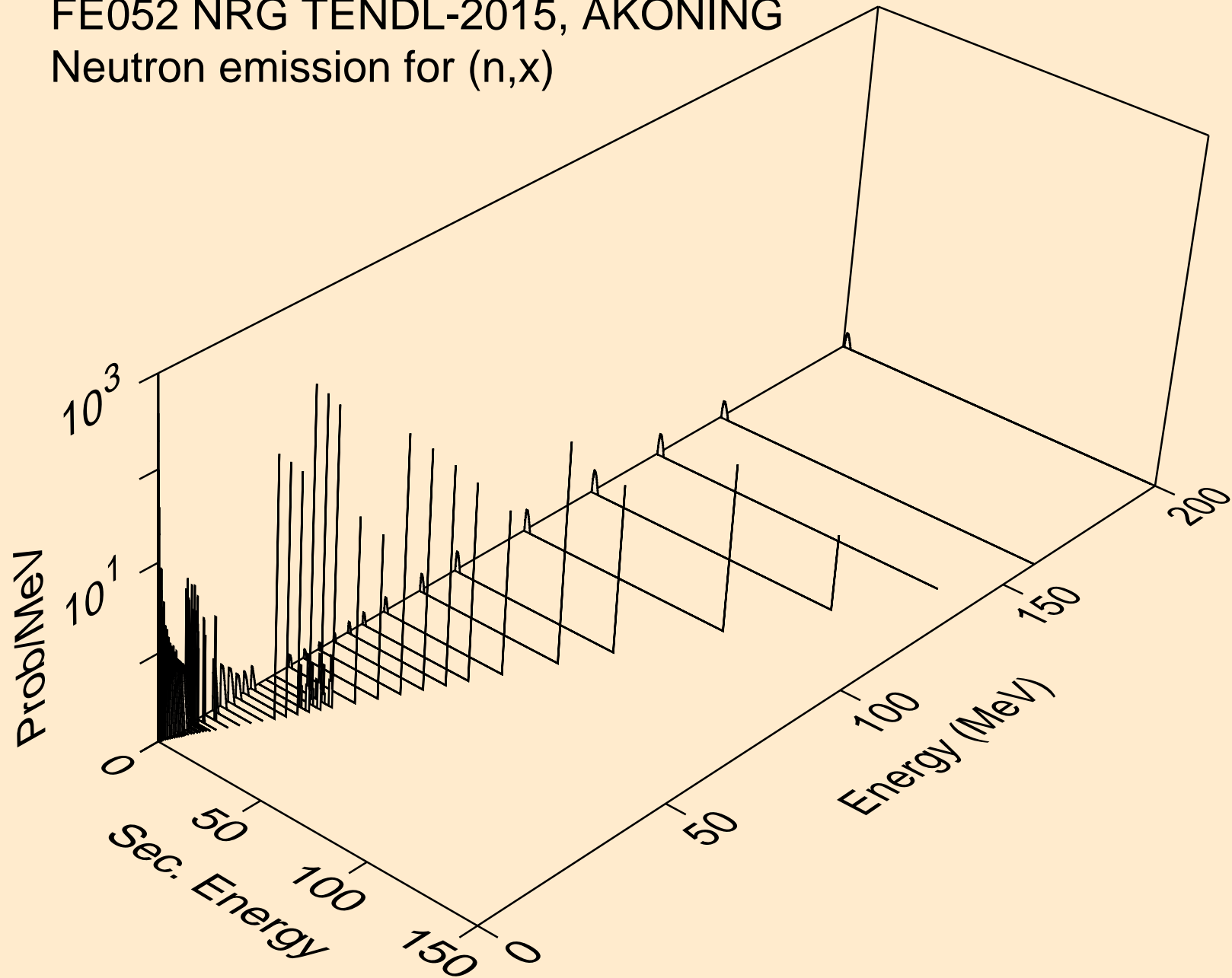
FE052 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



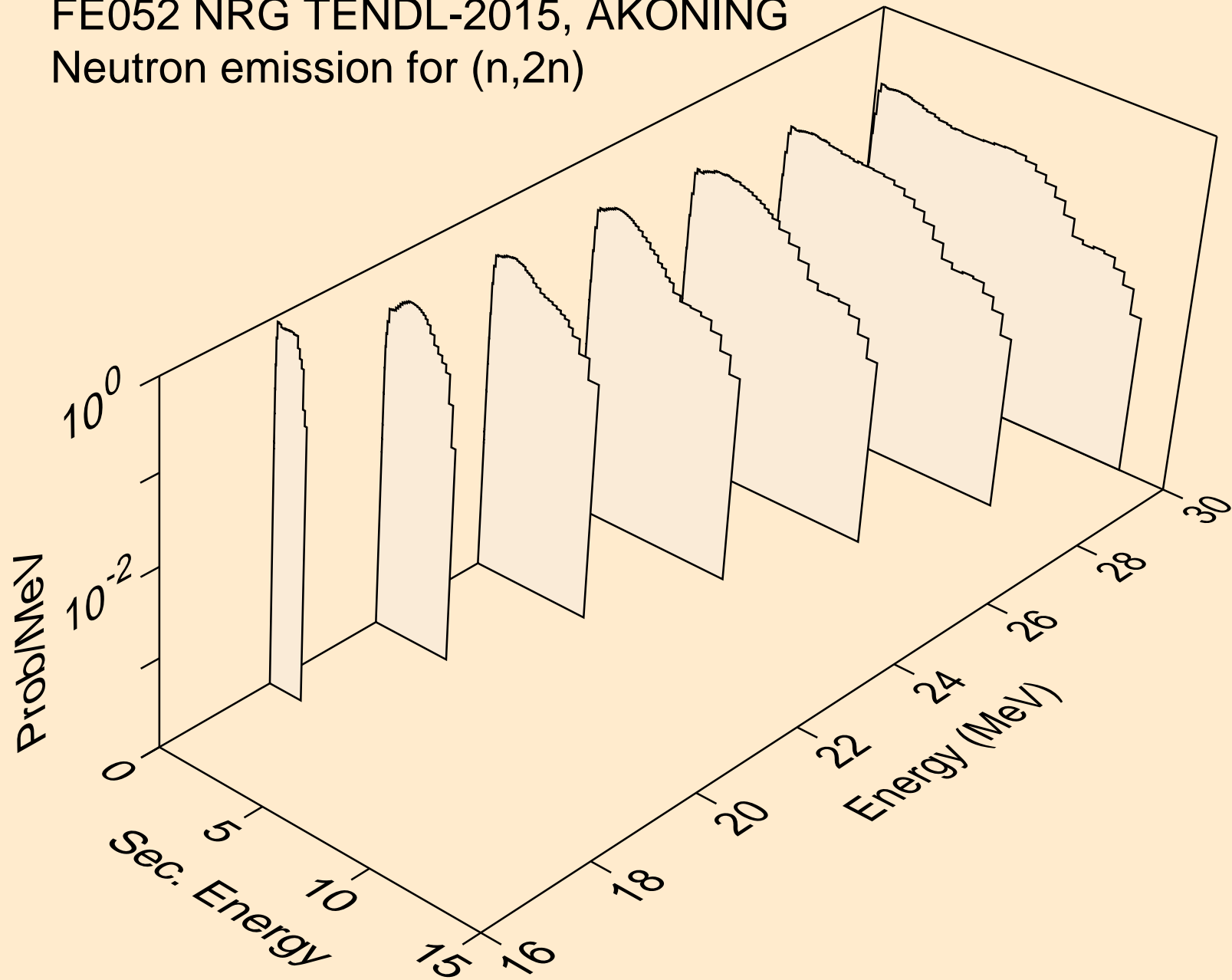
FE052 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



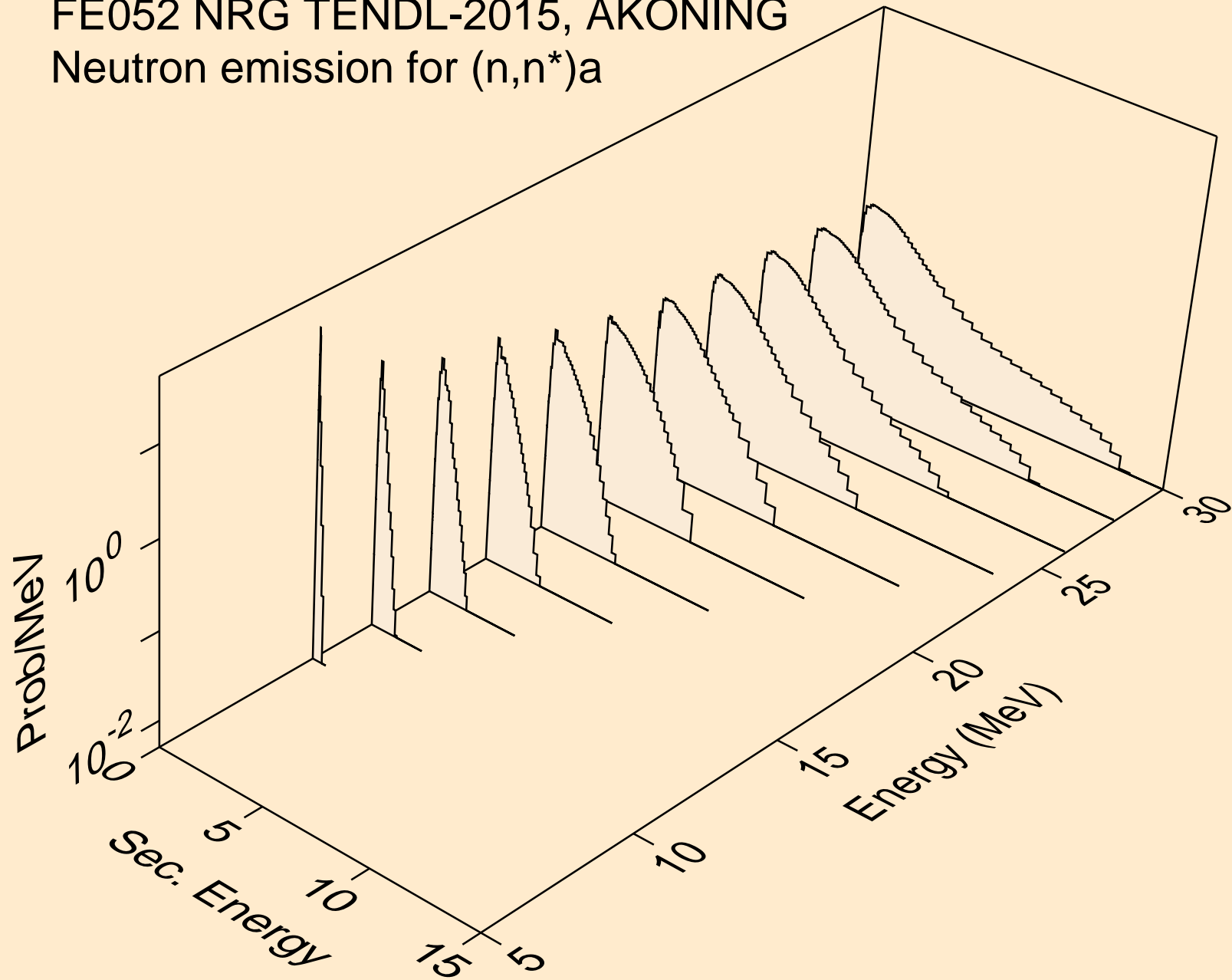
FE052 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



FE052 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

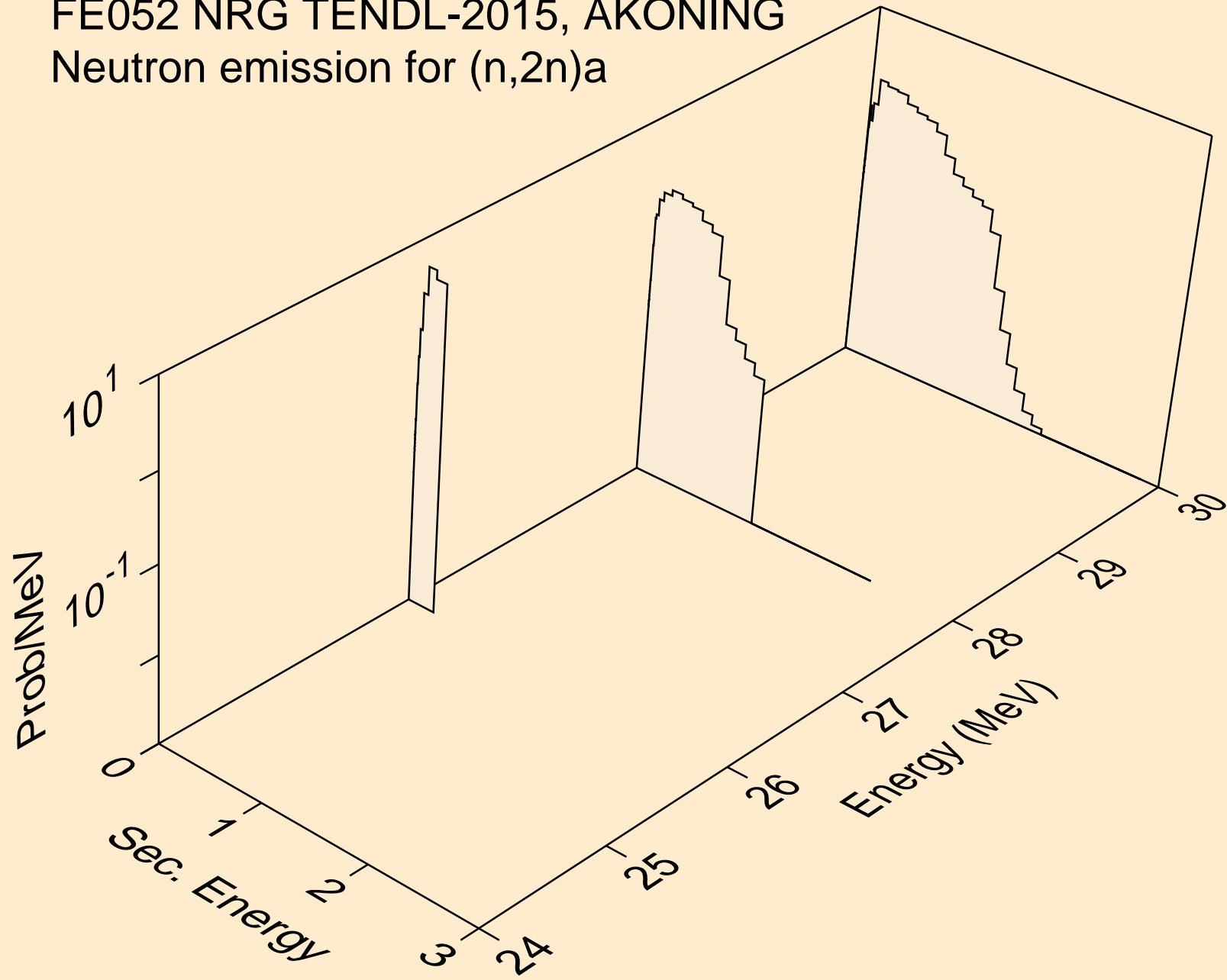


FE052 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a

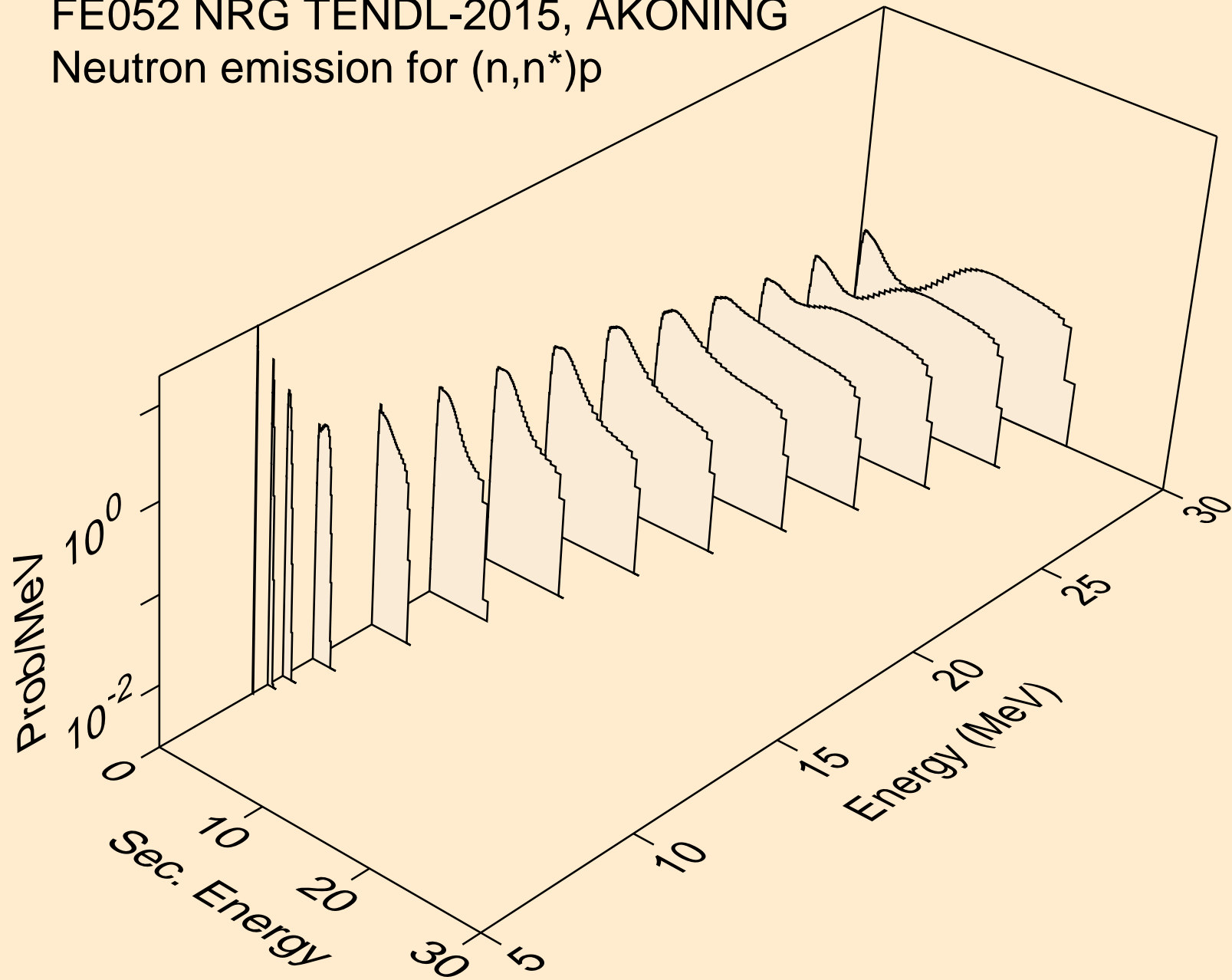




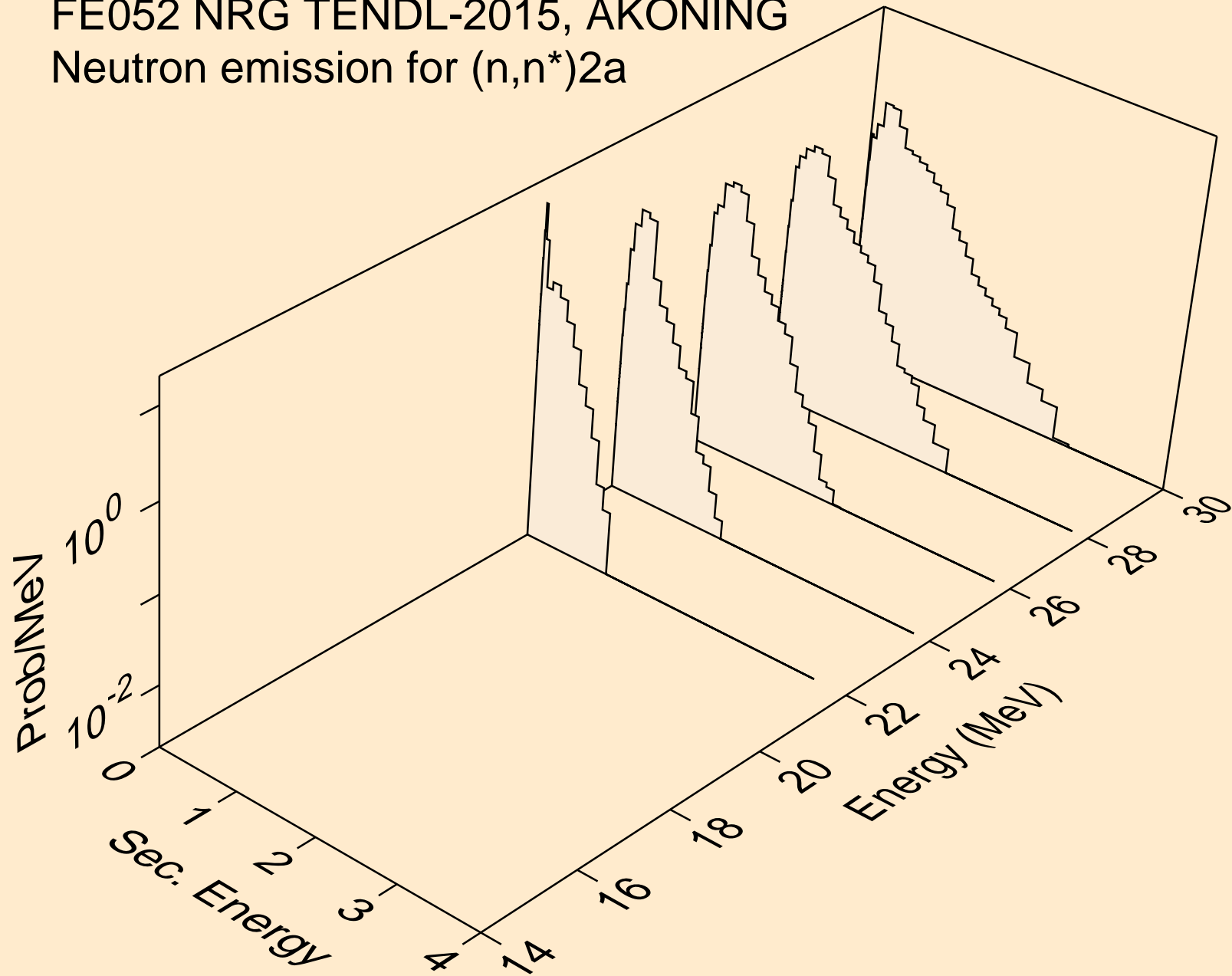
FE052 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



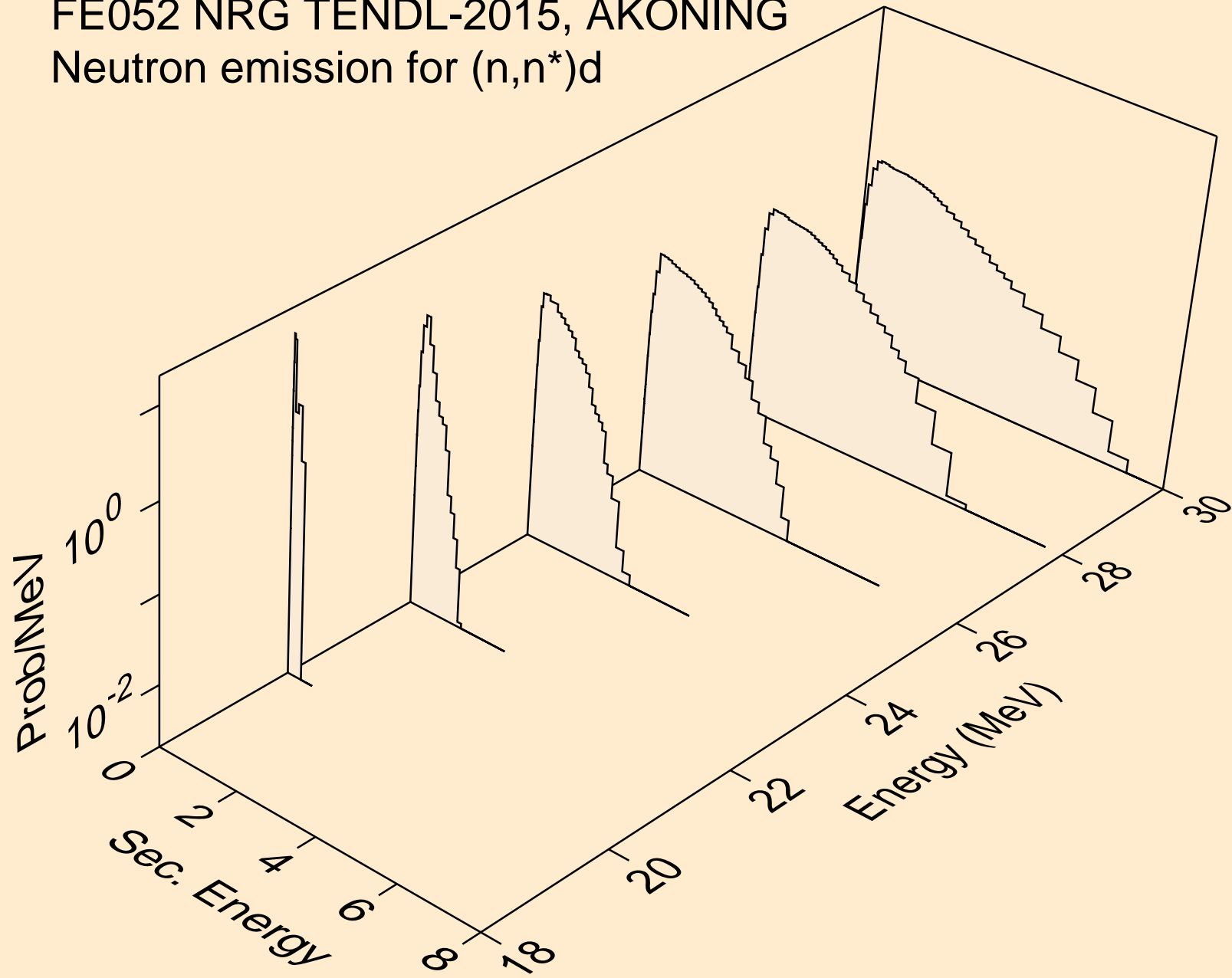
FE052 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



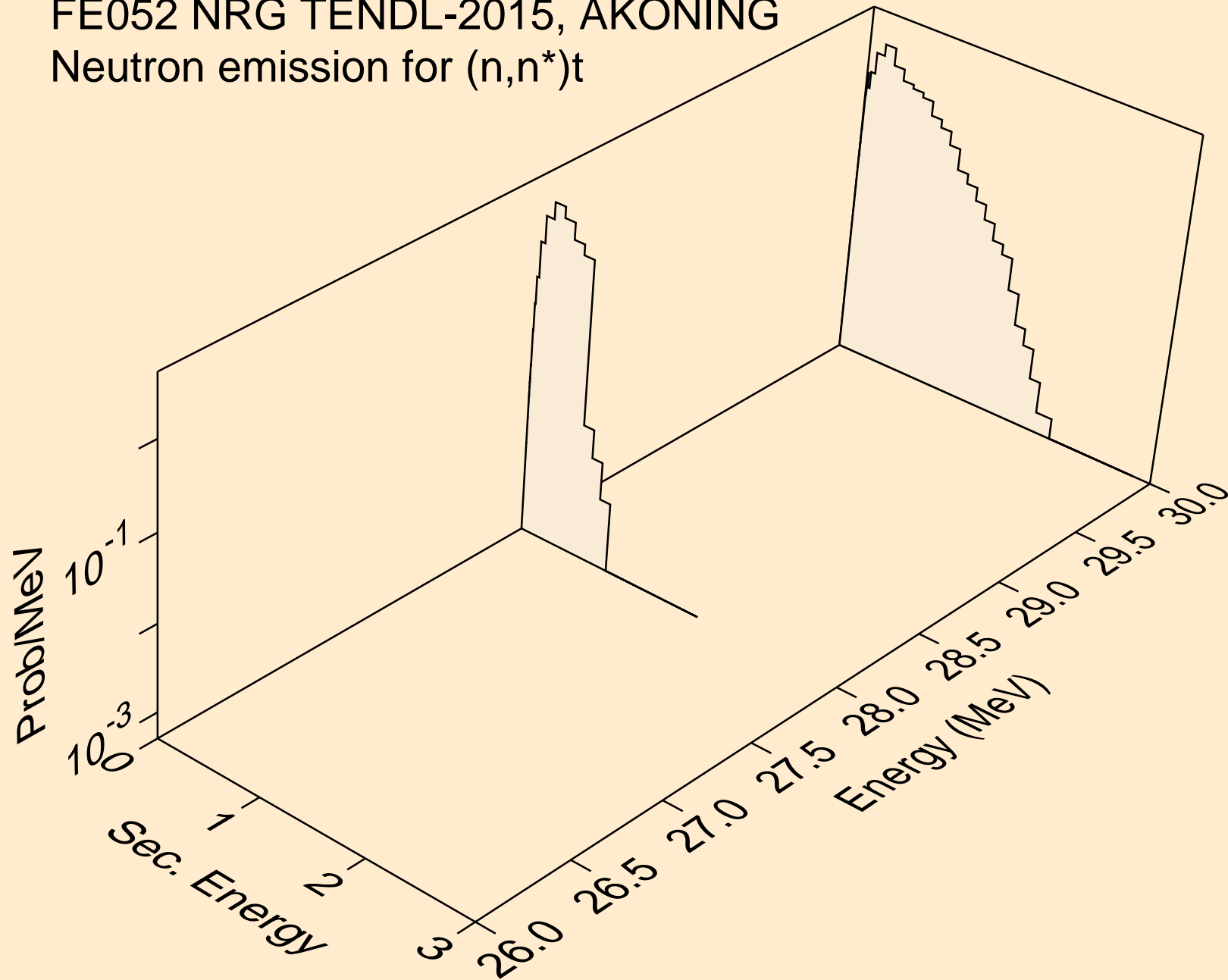
FE052 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



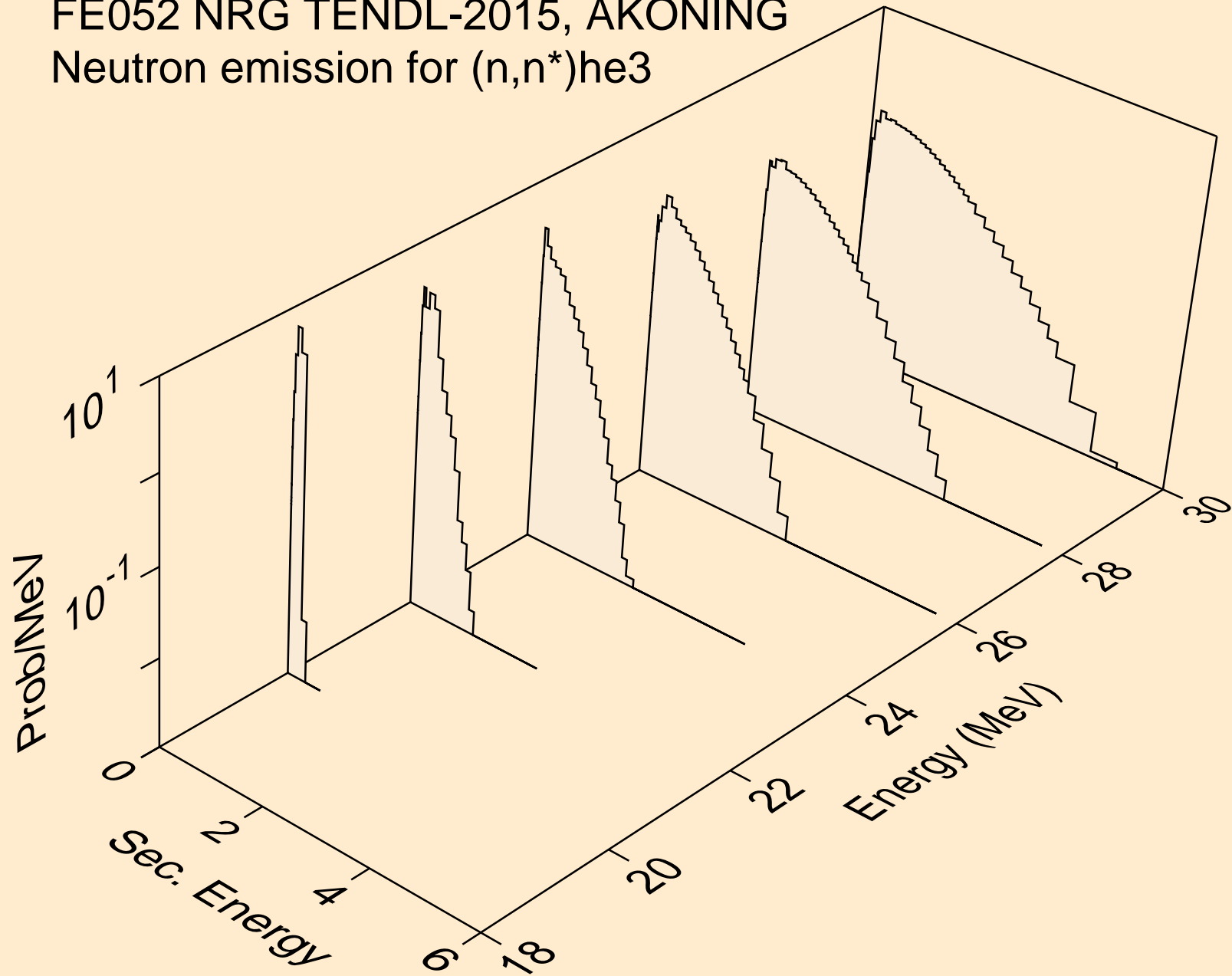
FE052 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



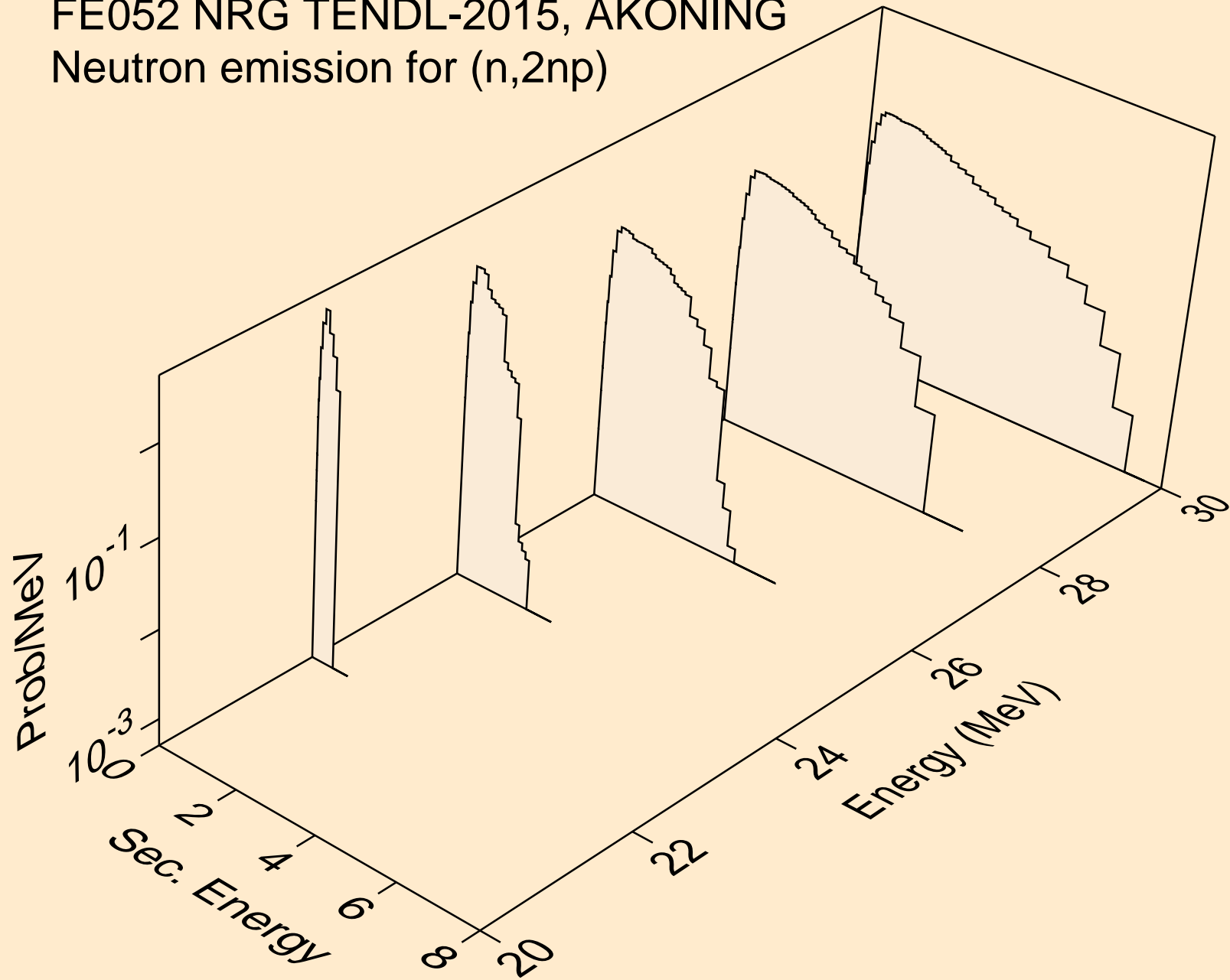
FE052 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



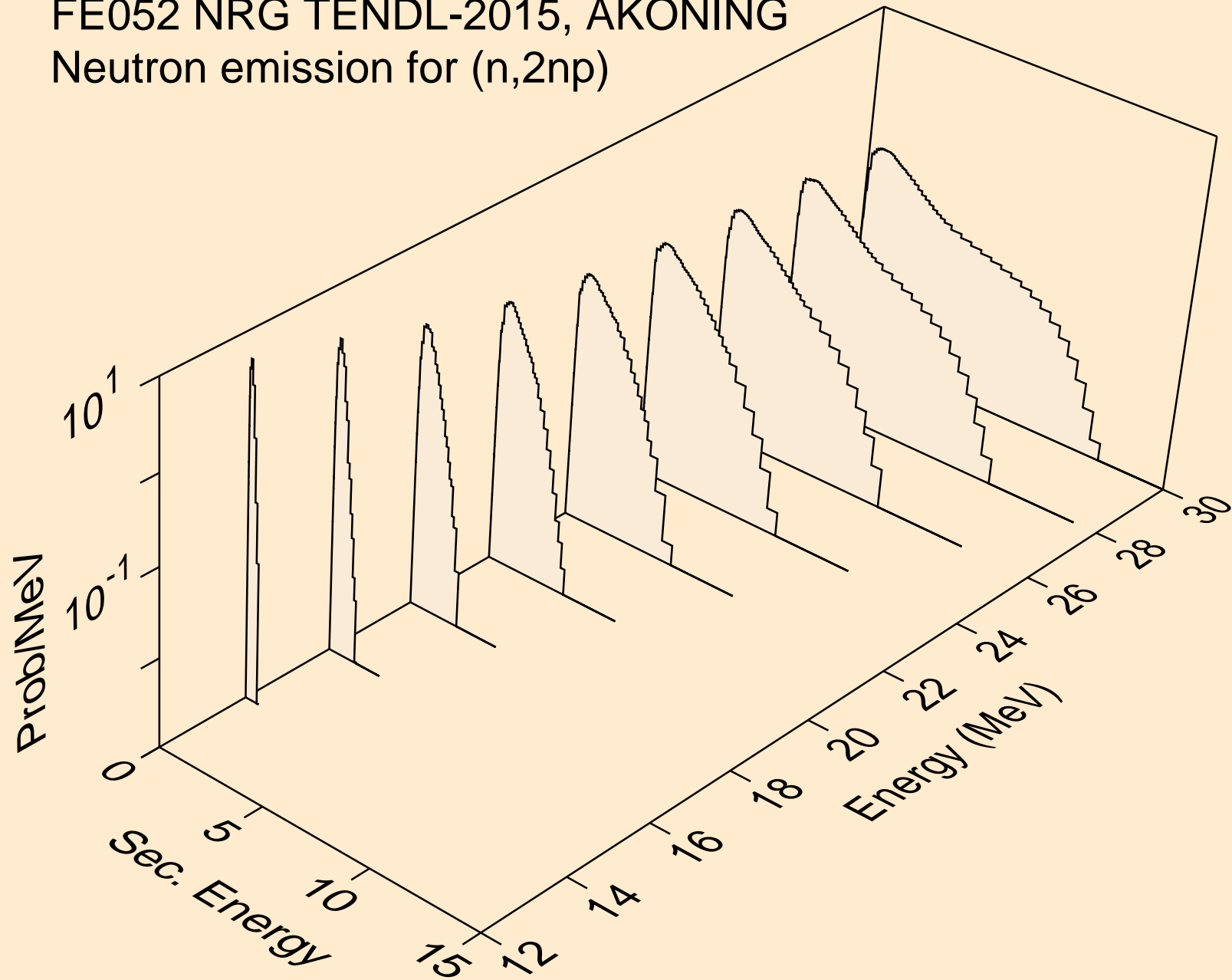
FE052 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



FE052 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

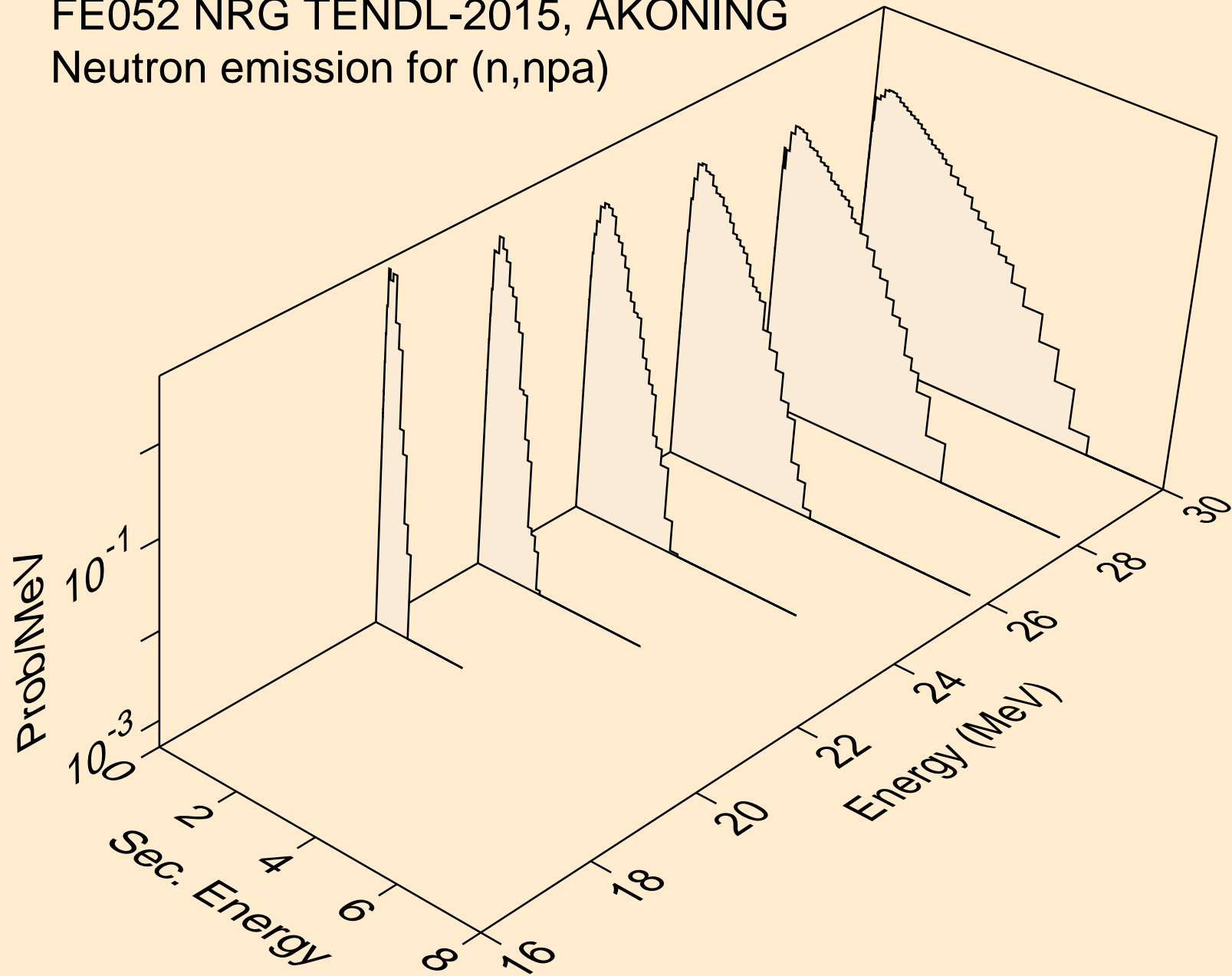


FE052 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

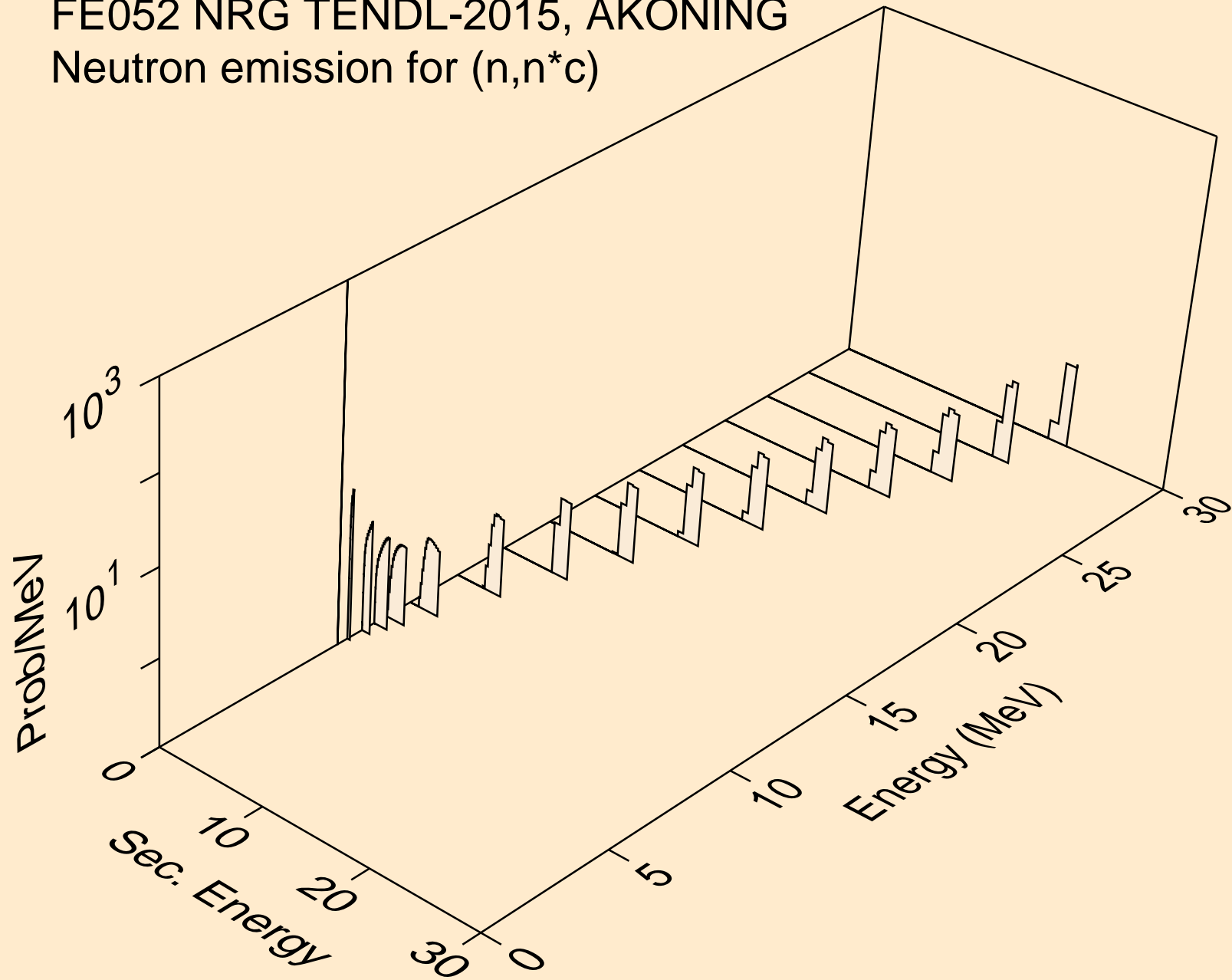




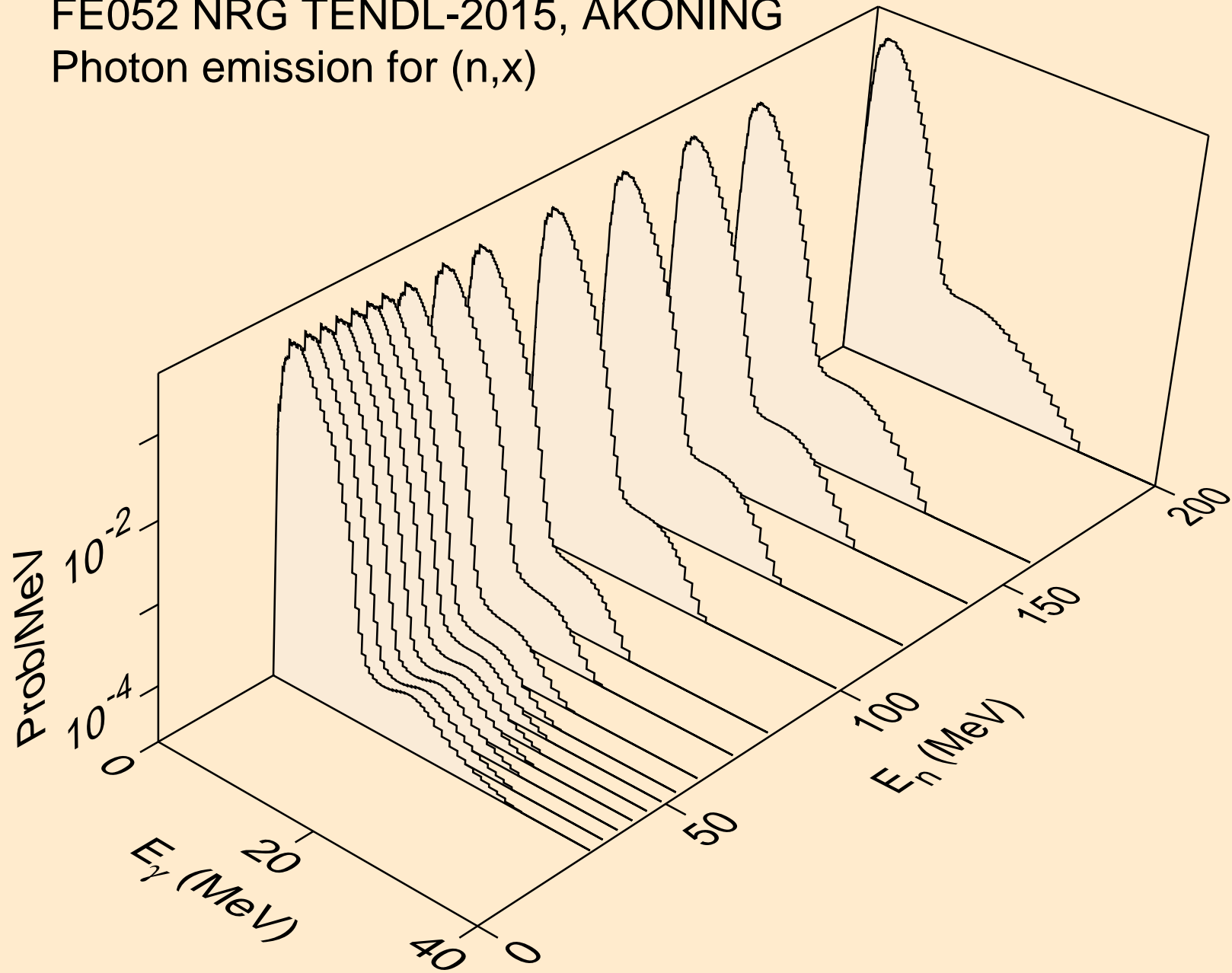
FE052 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



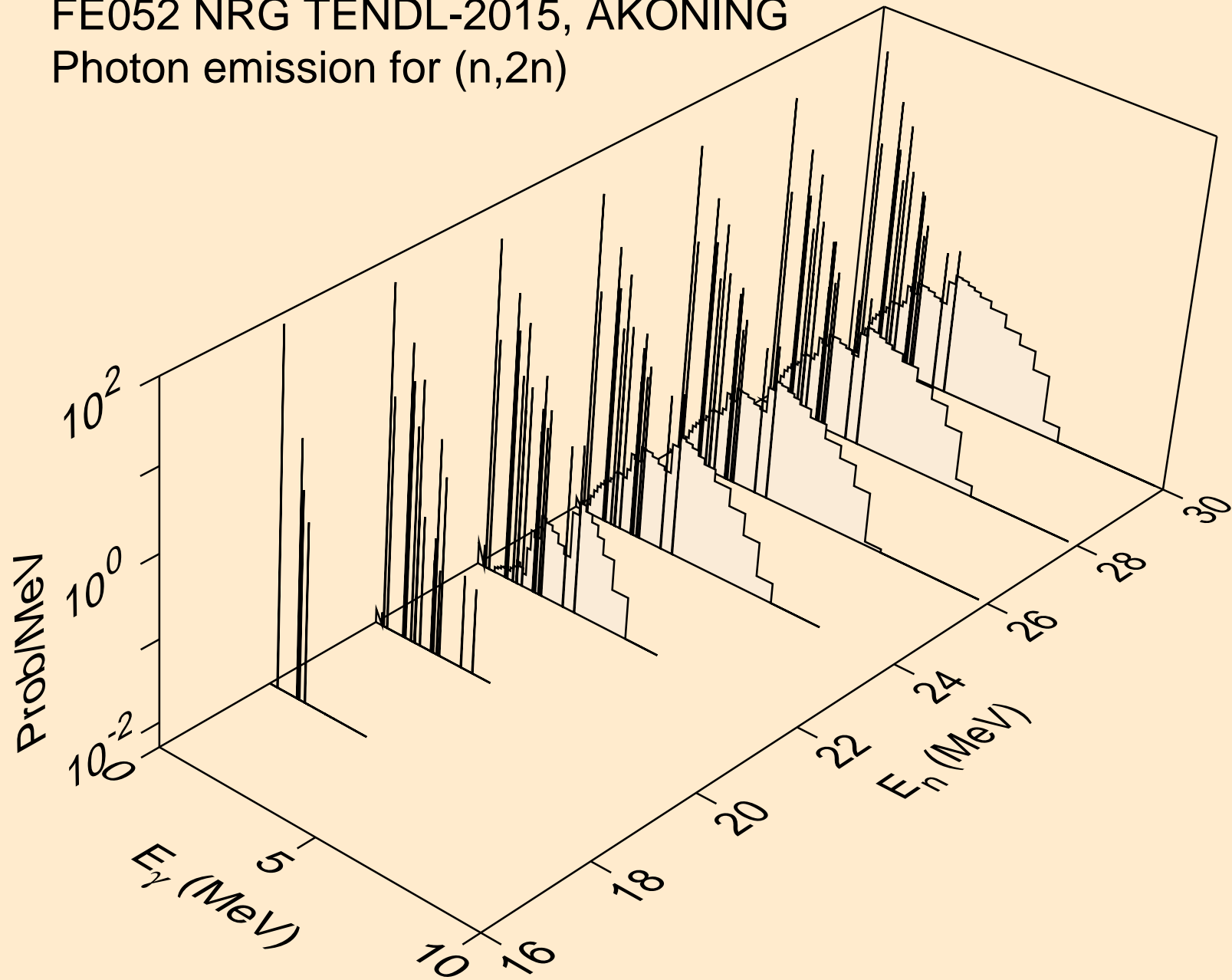
FE052 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



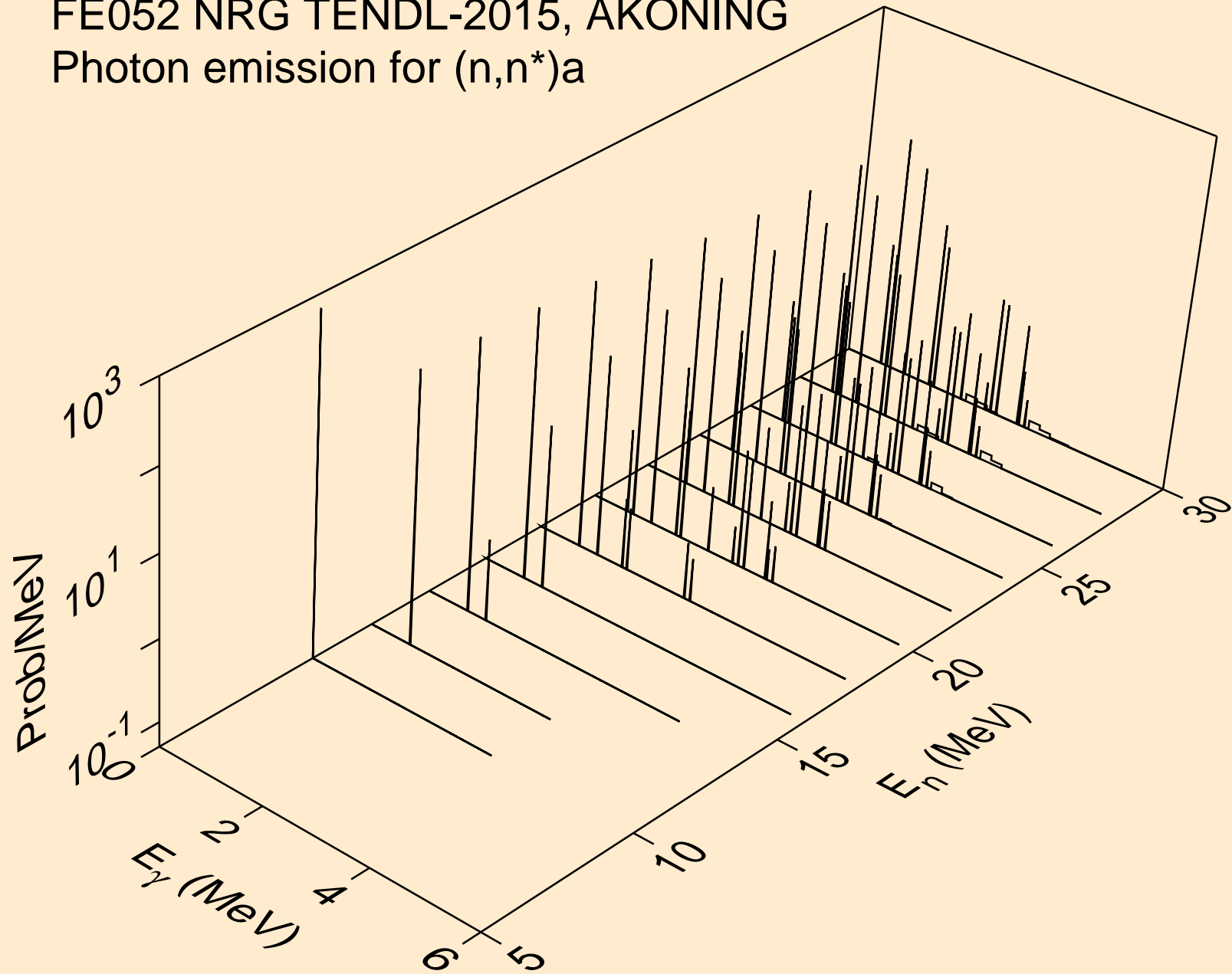
FE052 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



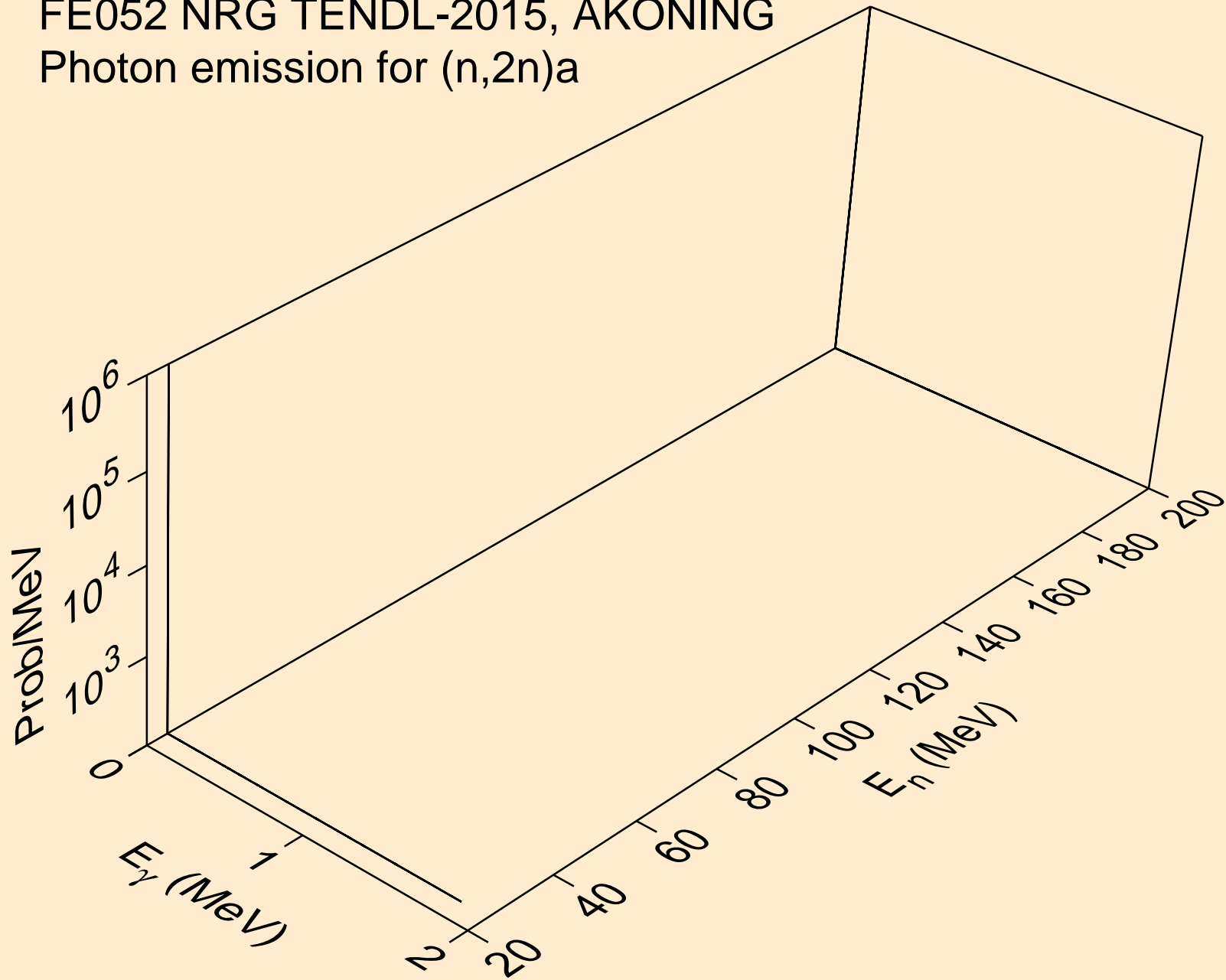
FE052 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



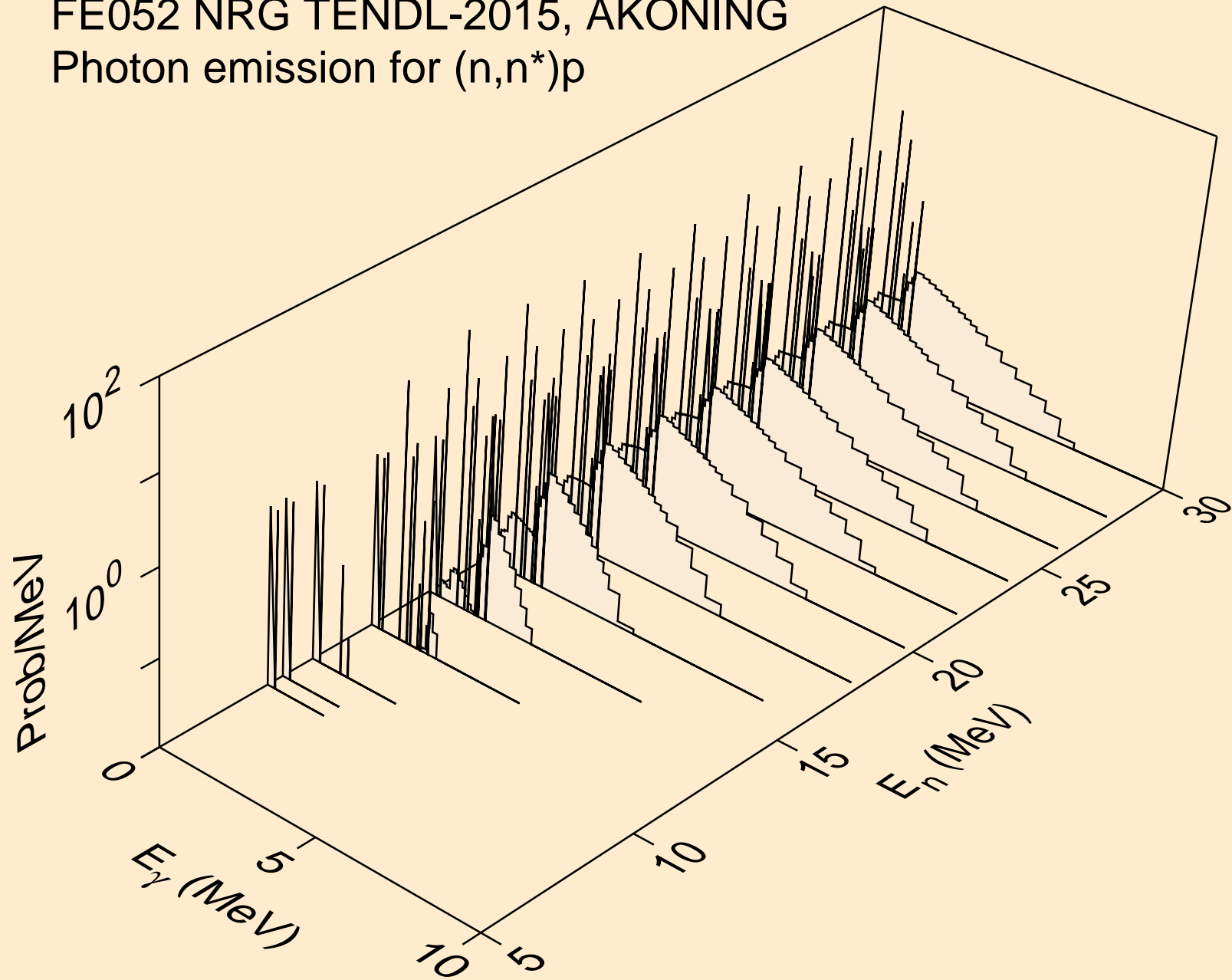
FE052 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



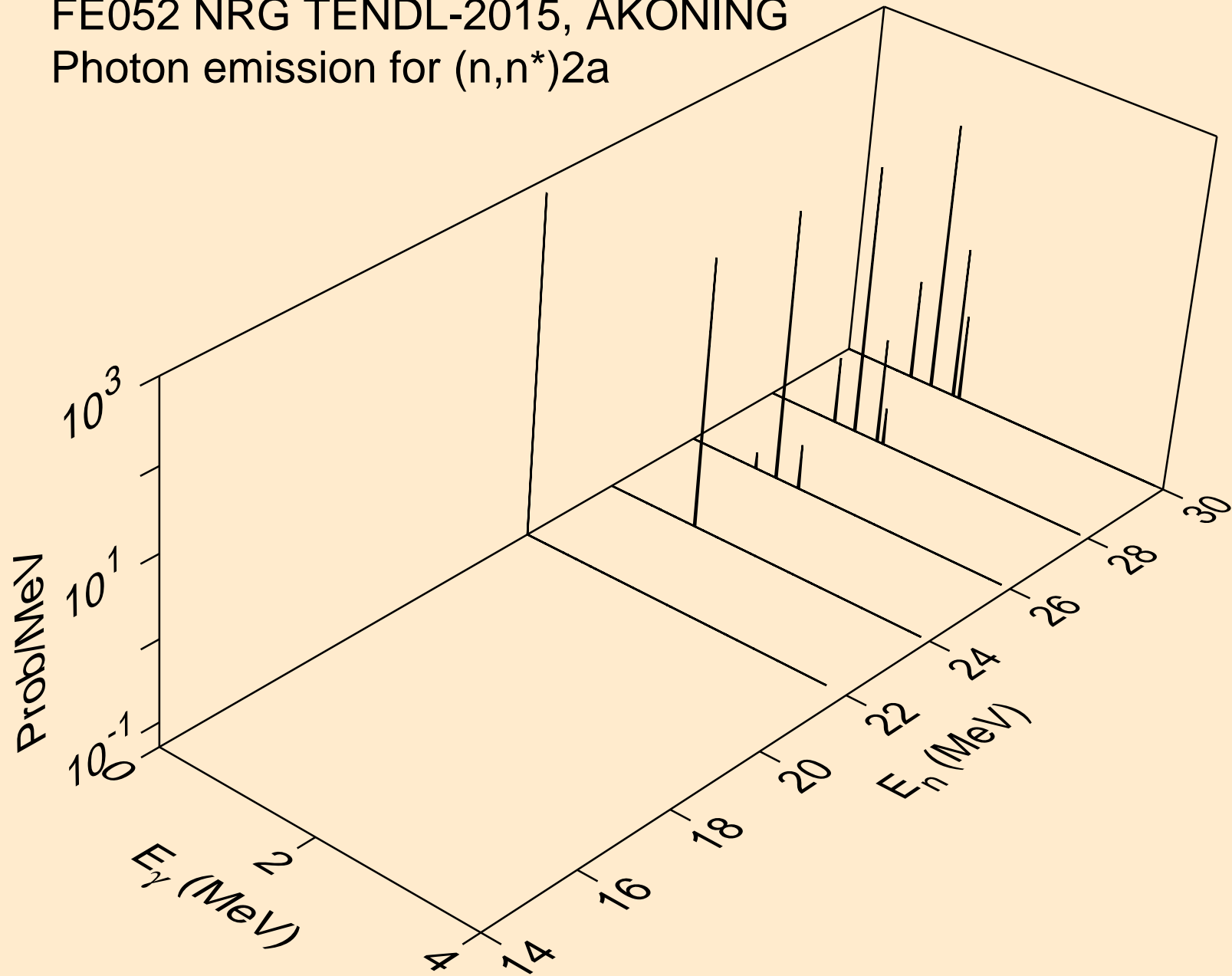
FE052 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



FE052 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

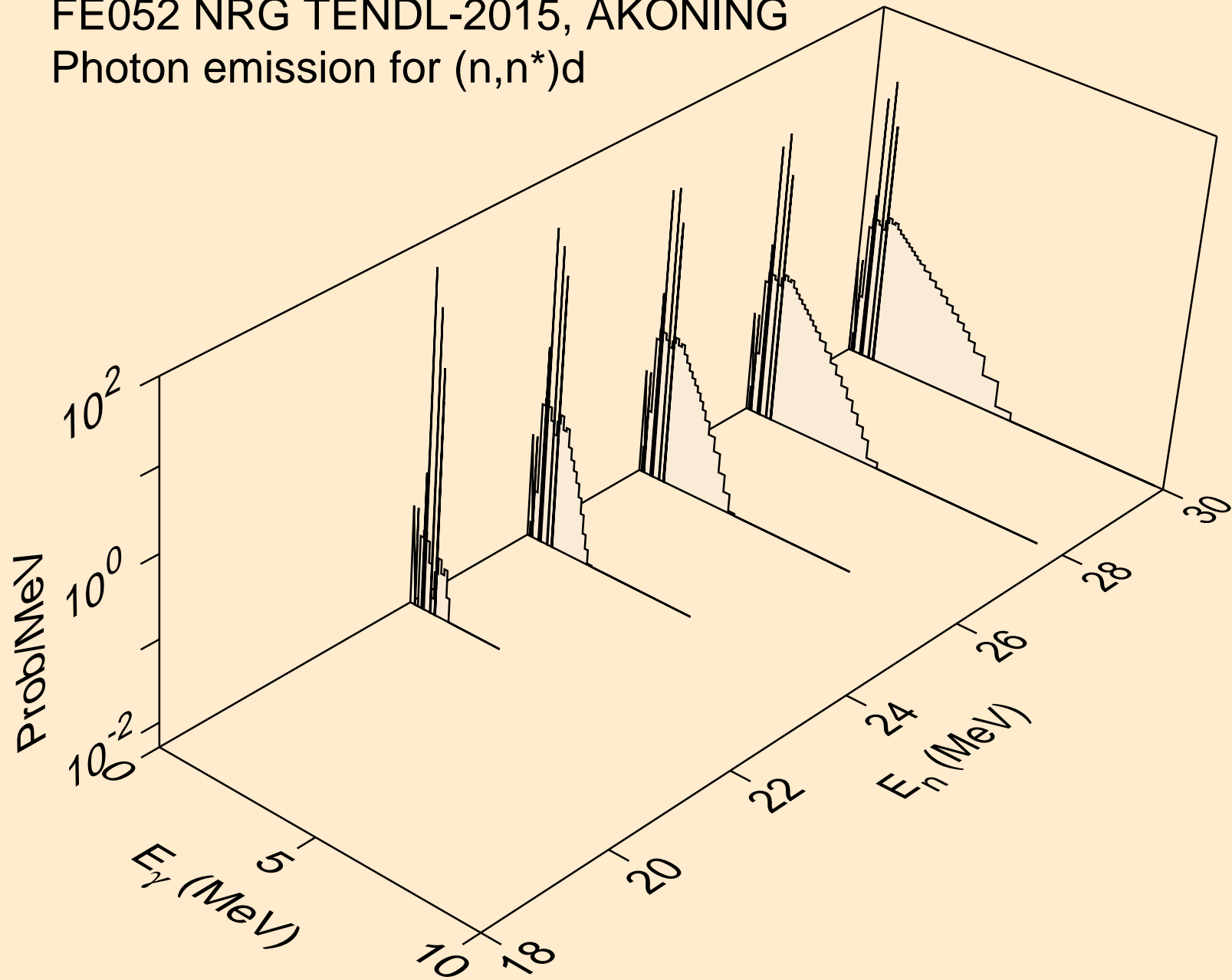


FE052 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a

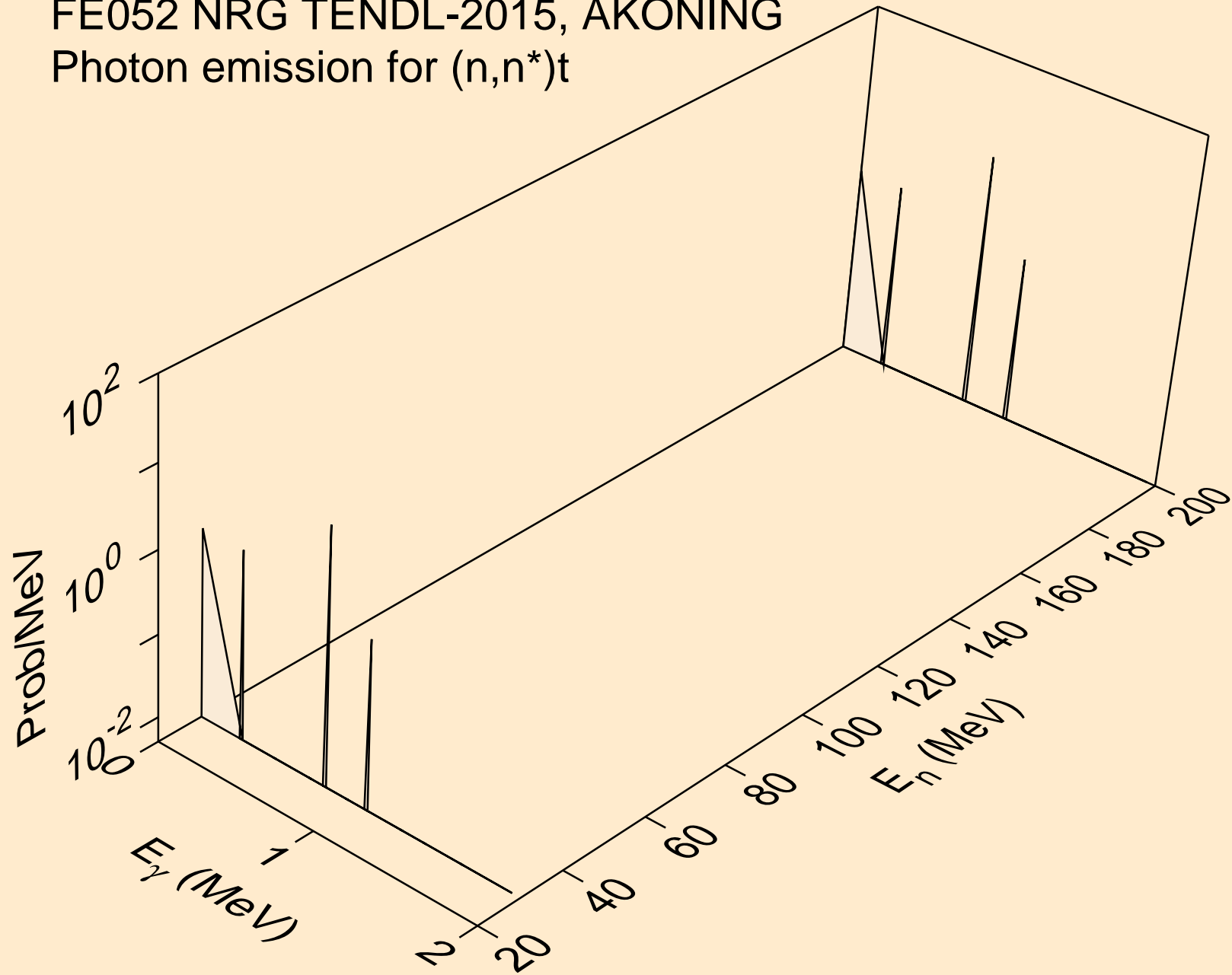




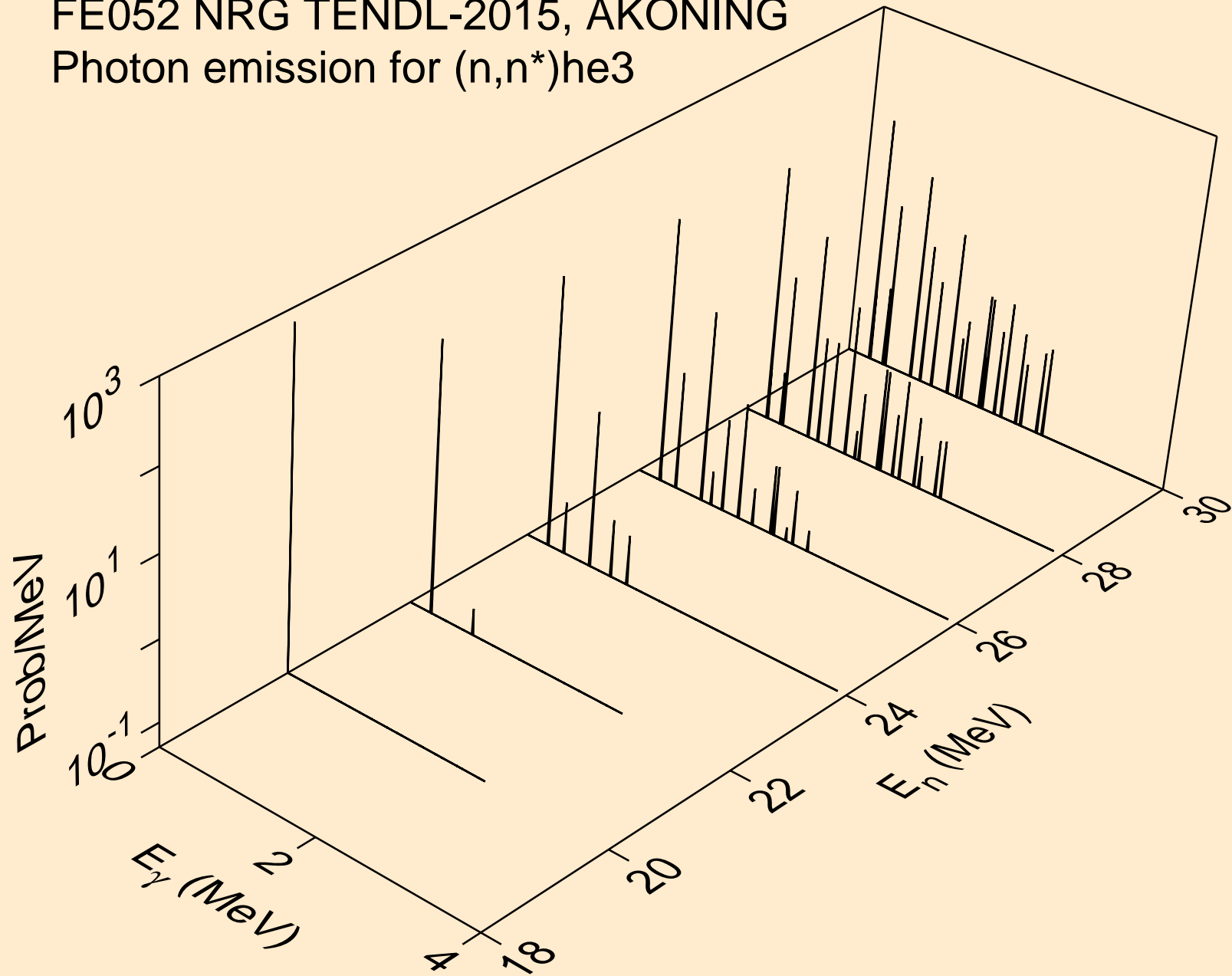
FE052 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



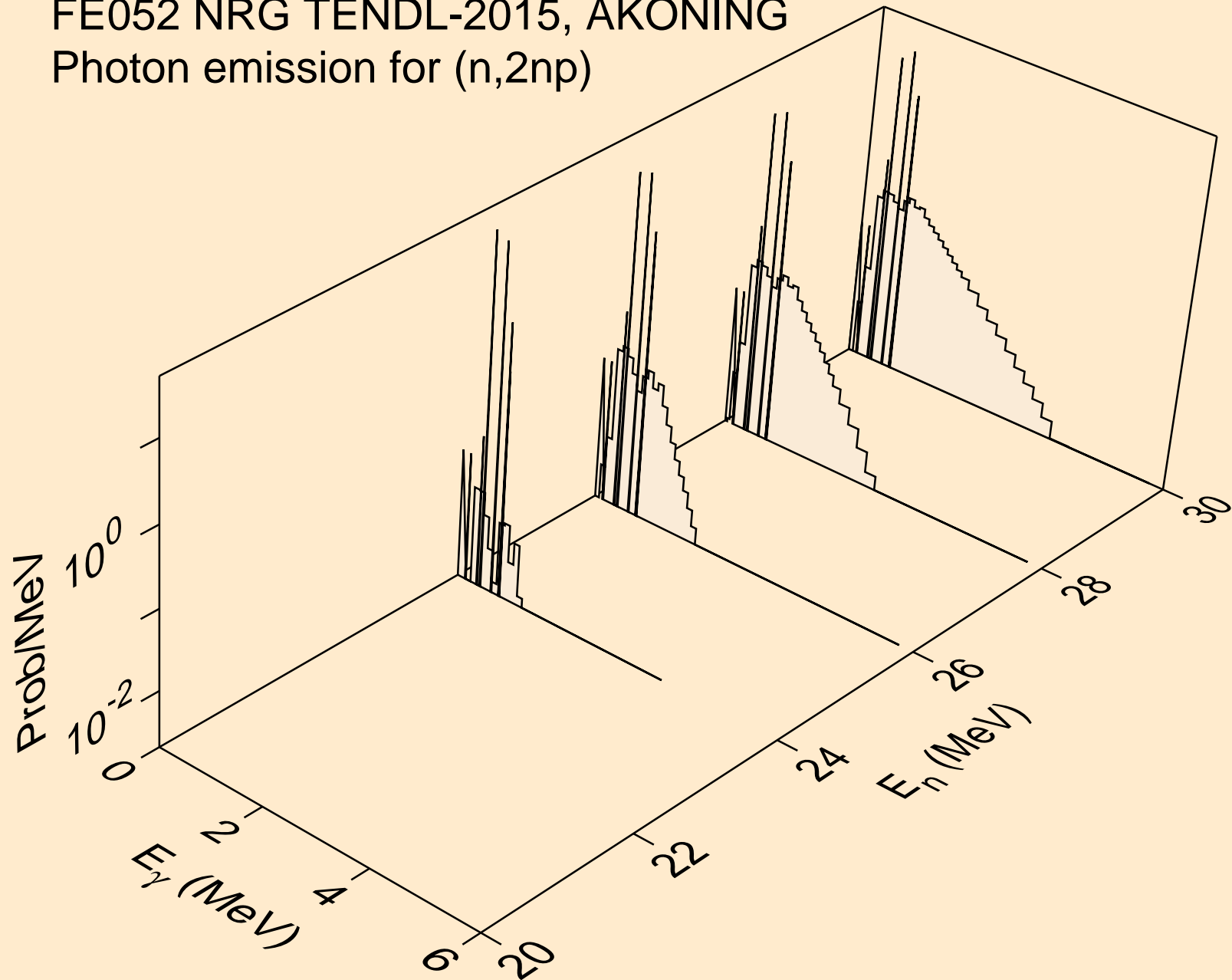
FE052 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



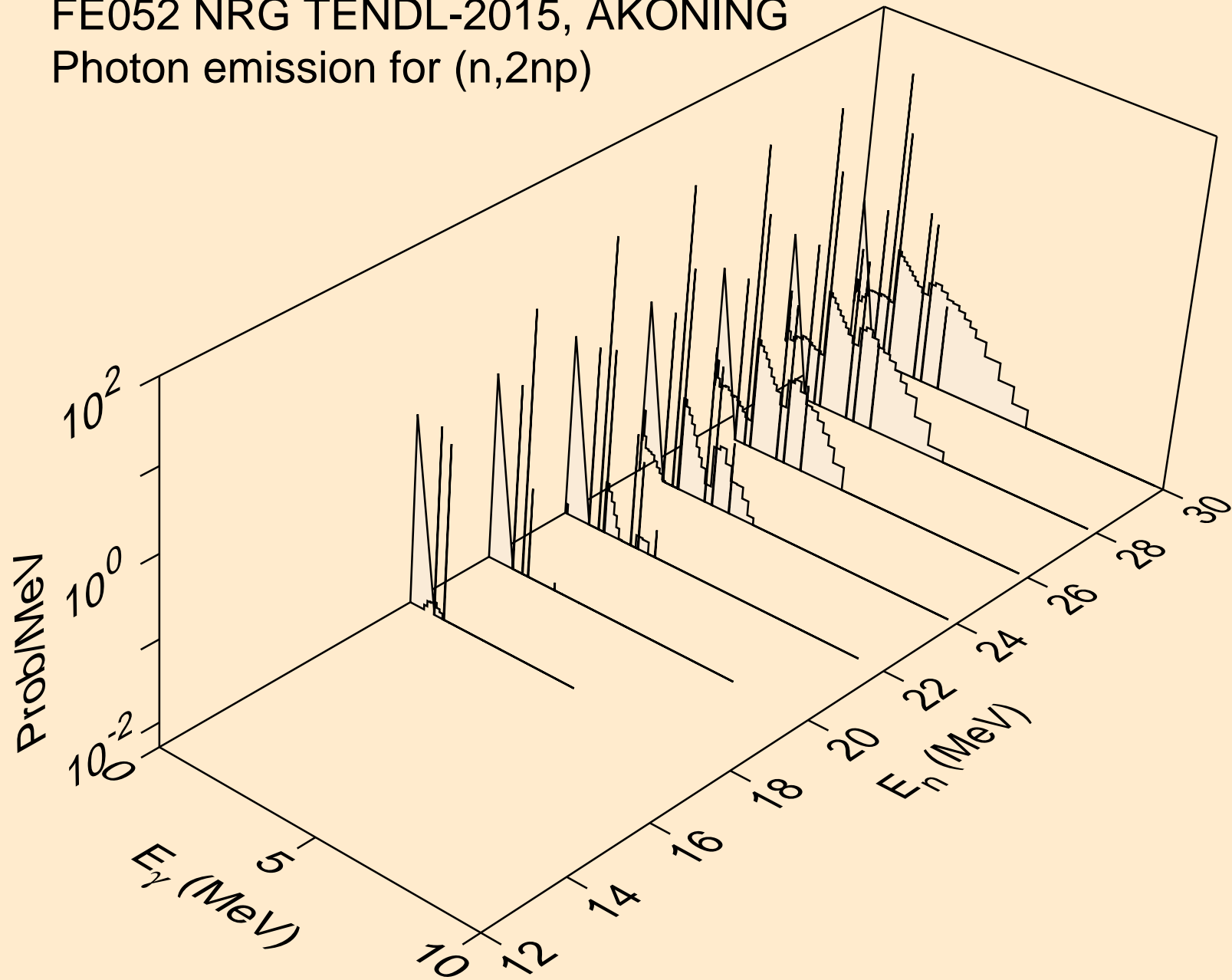
FE052 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



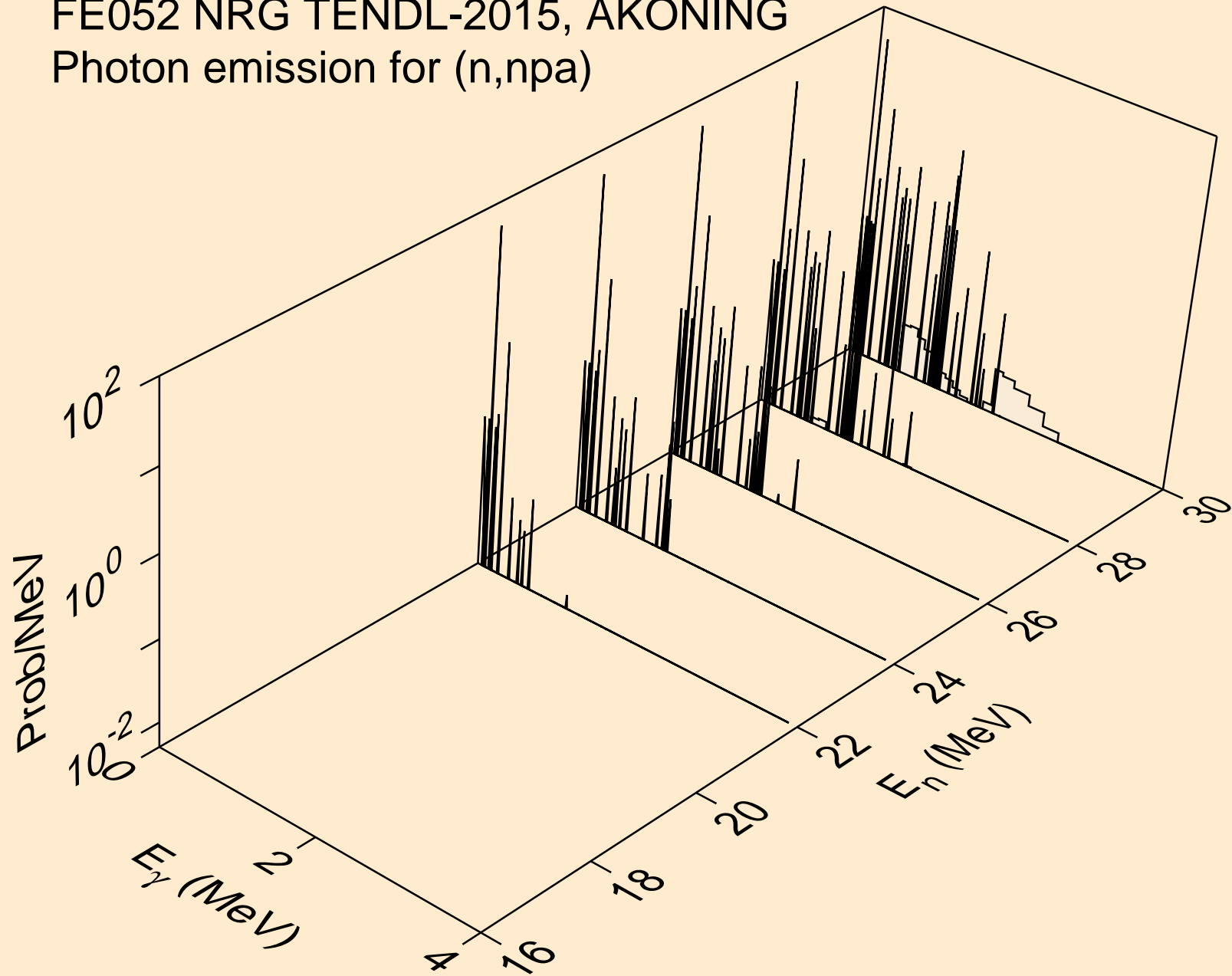
FE052 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



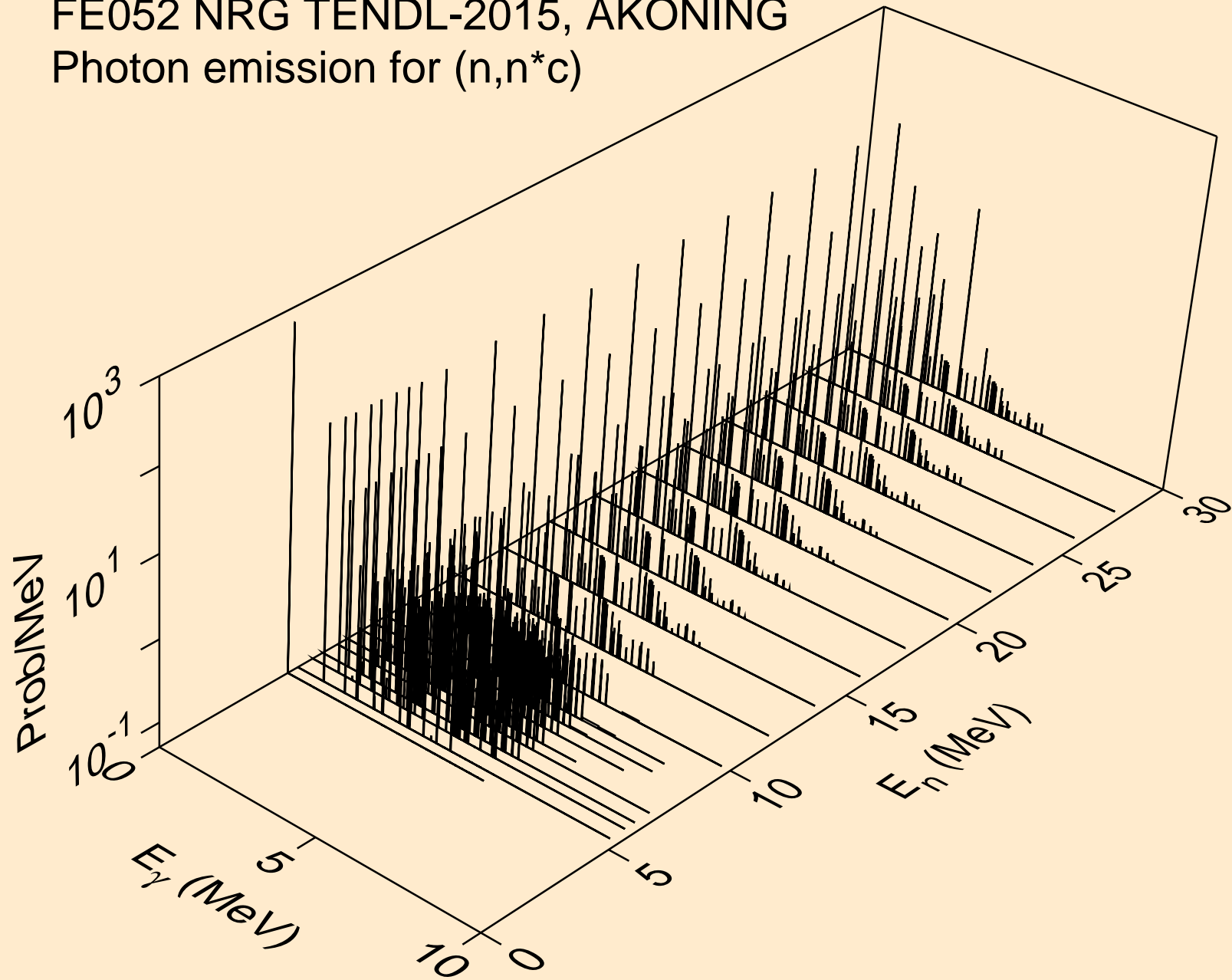
FE052 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



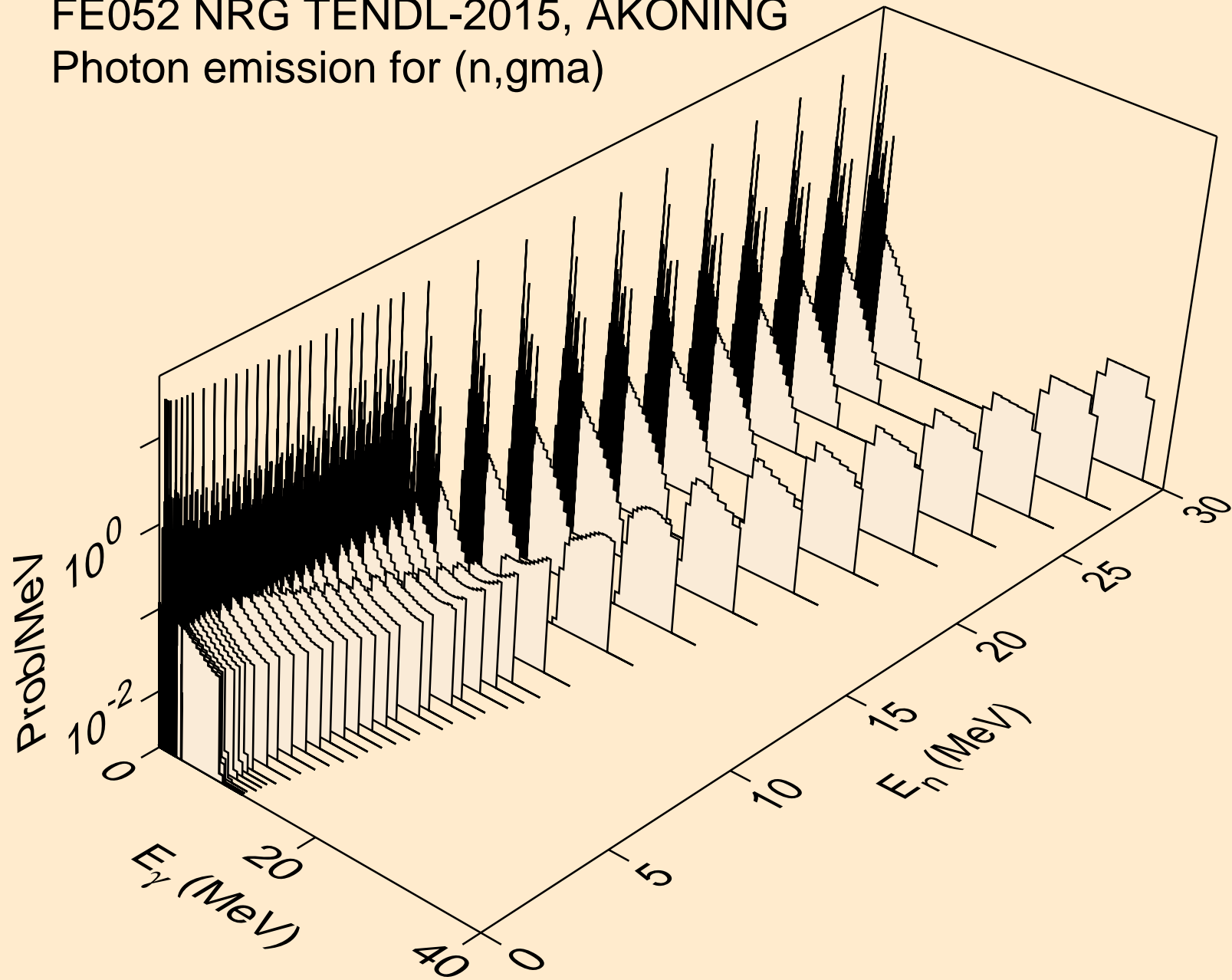
FE052 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



FE052 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

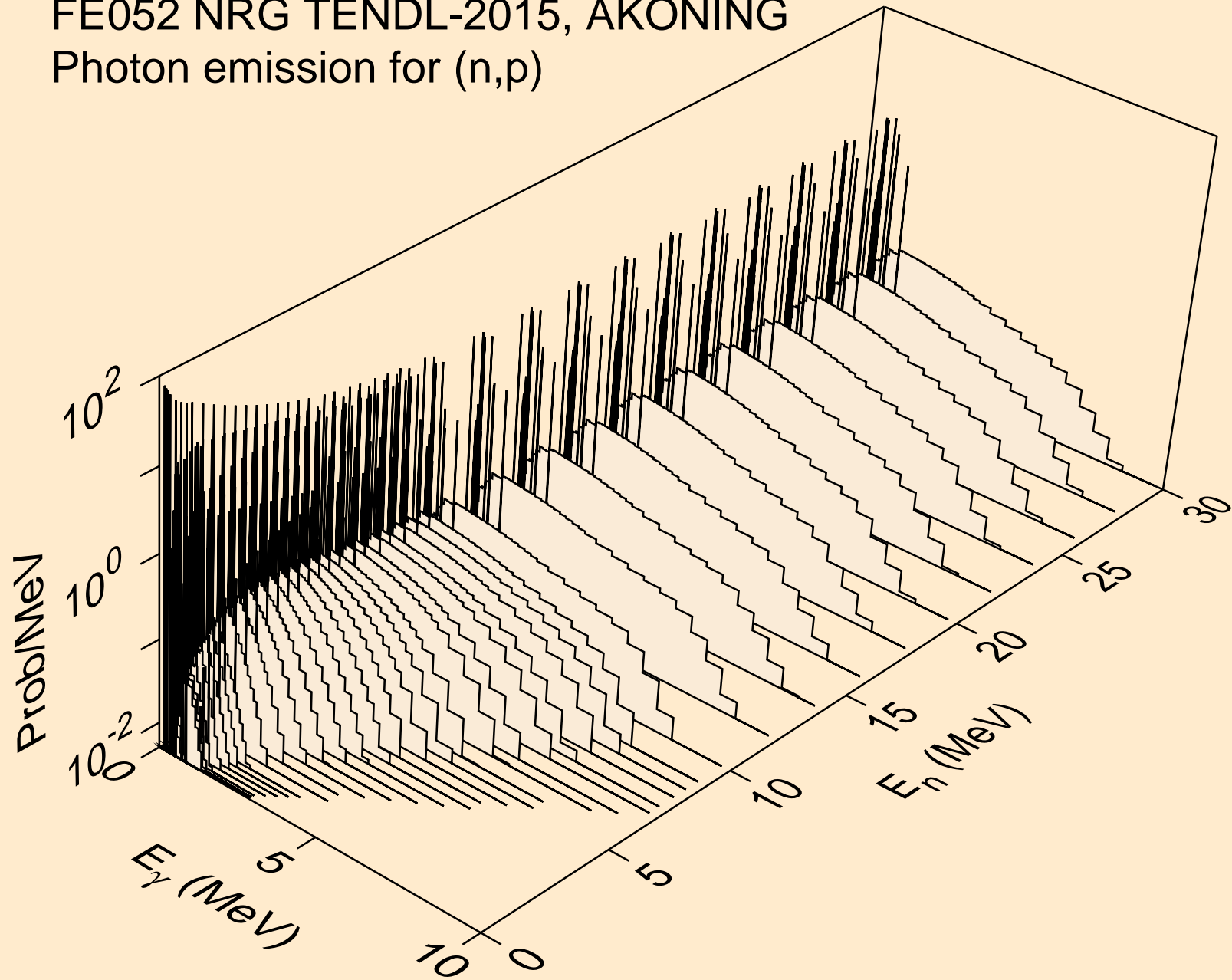


FE052 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

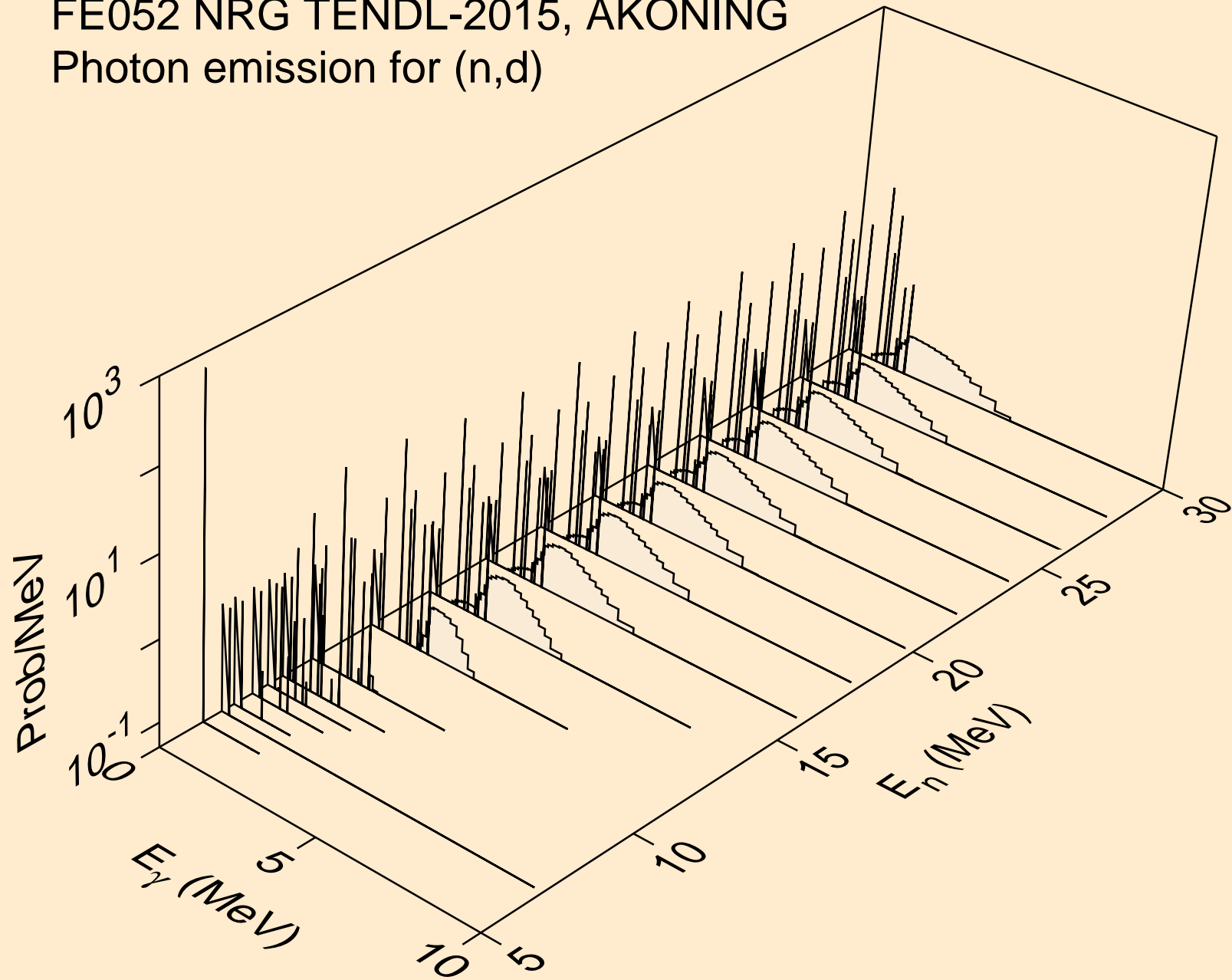




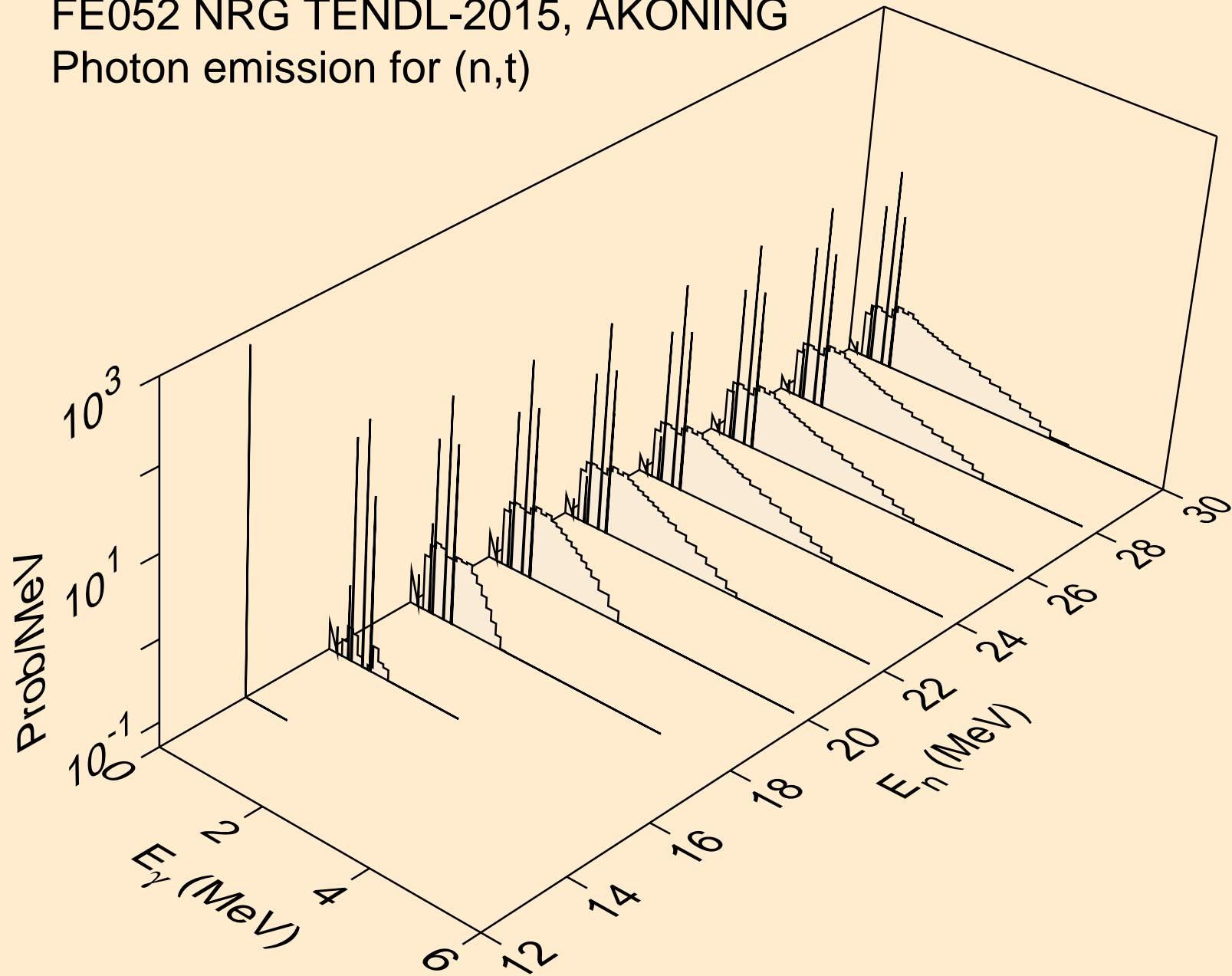
FE052 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



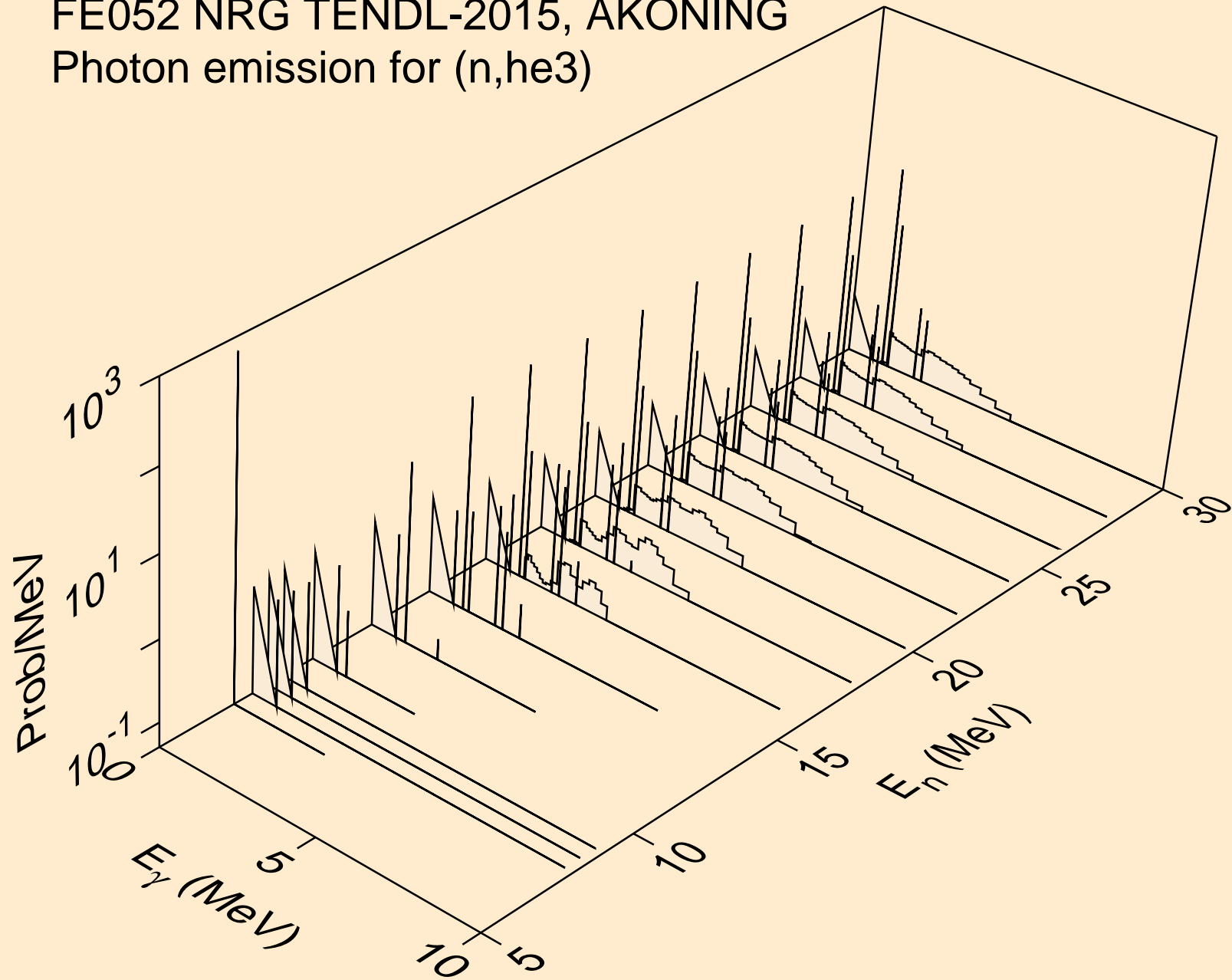
FE052 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



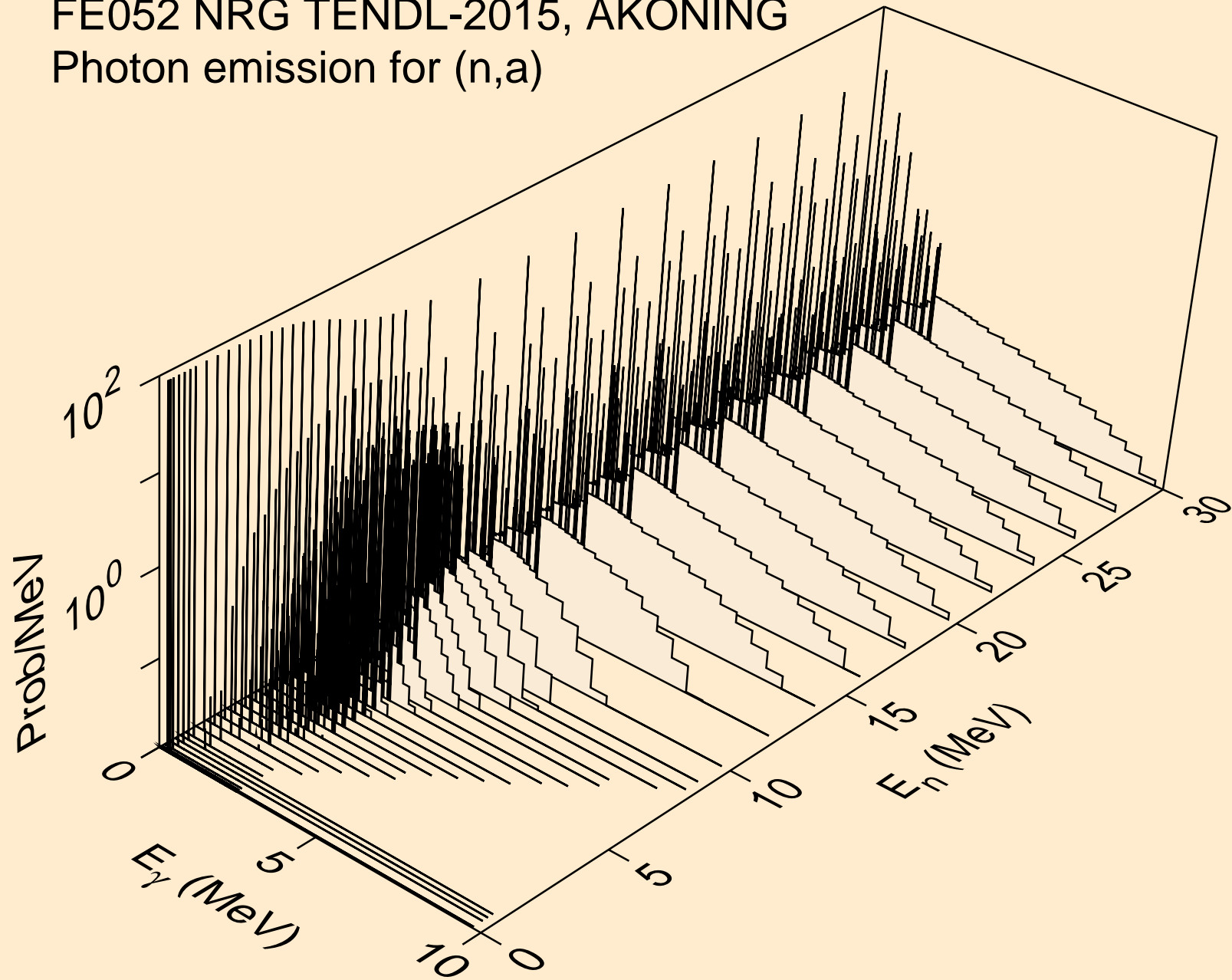
FE052 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



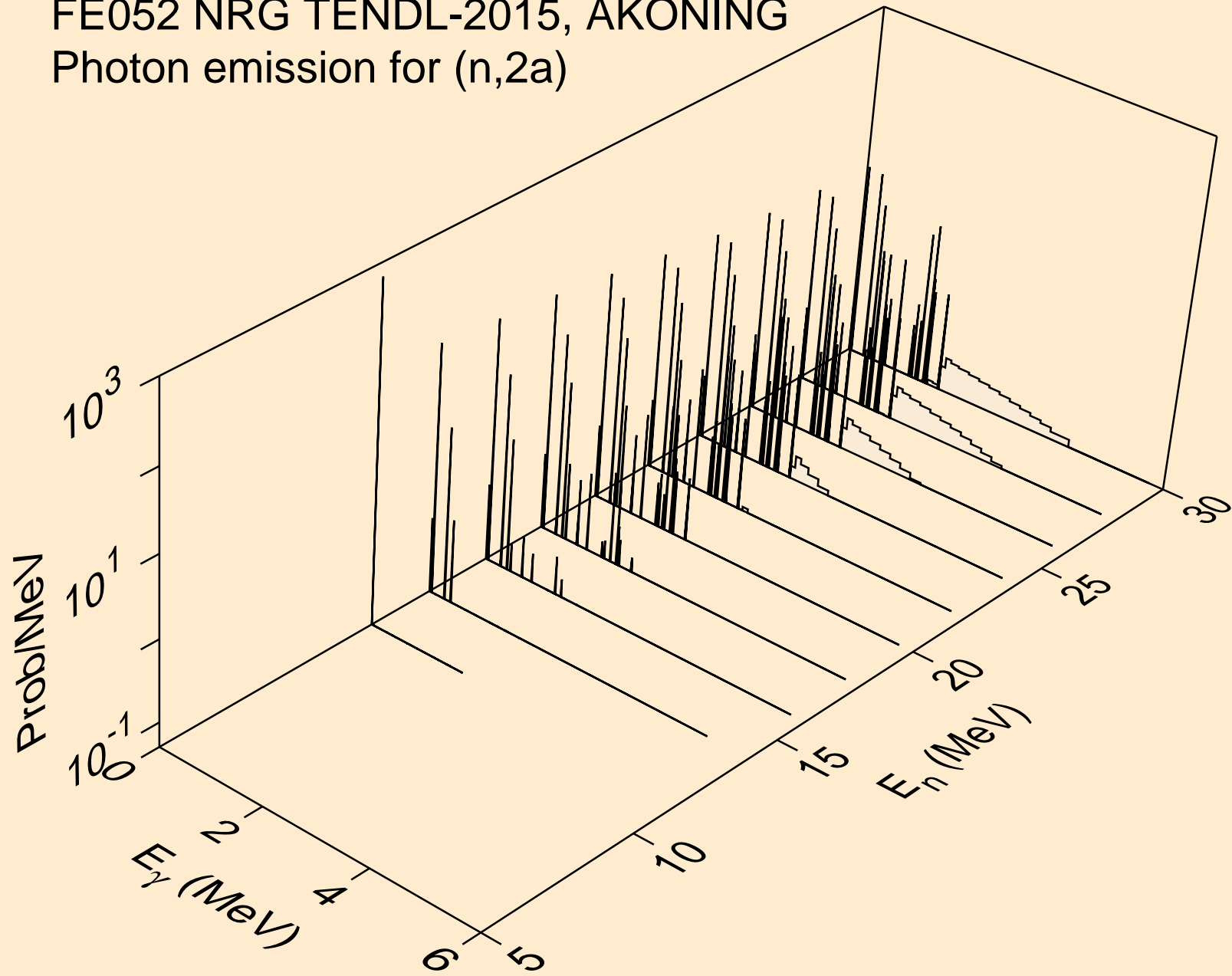
FE052 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



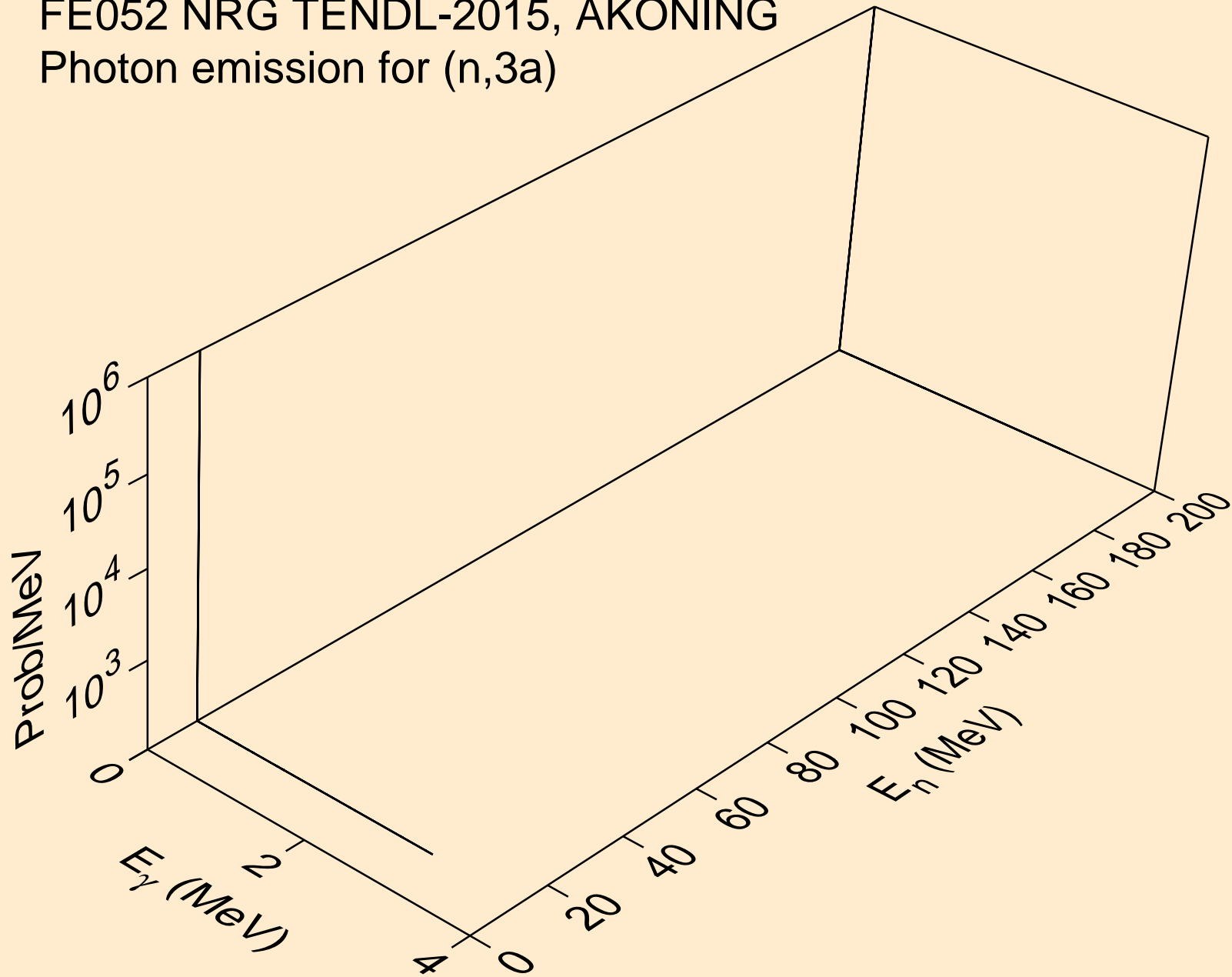
FE052 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



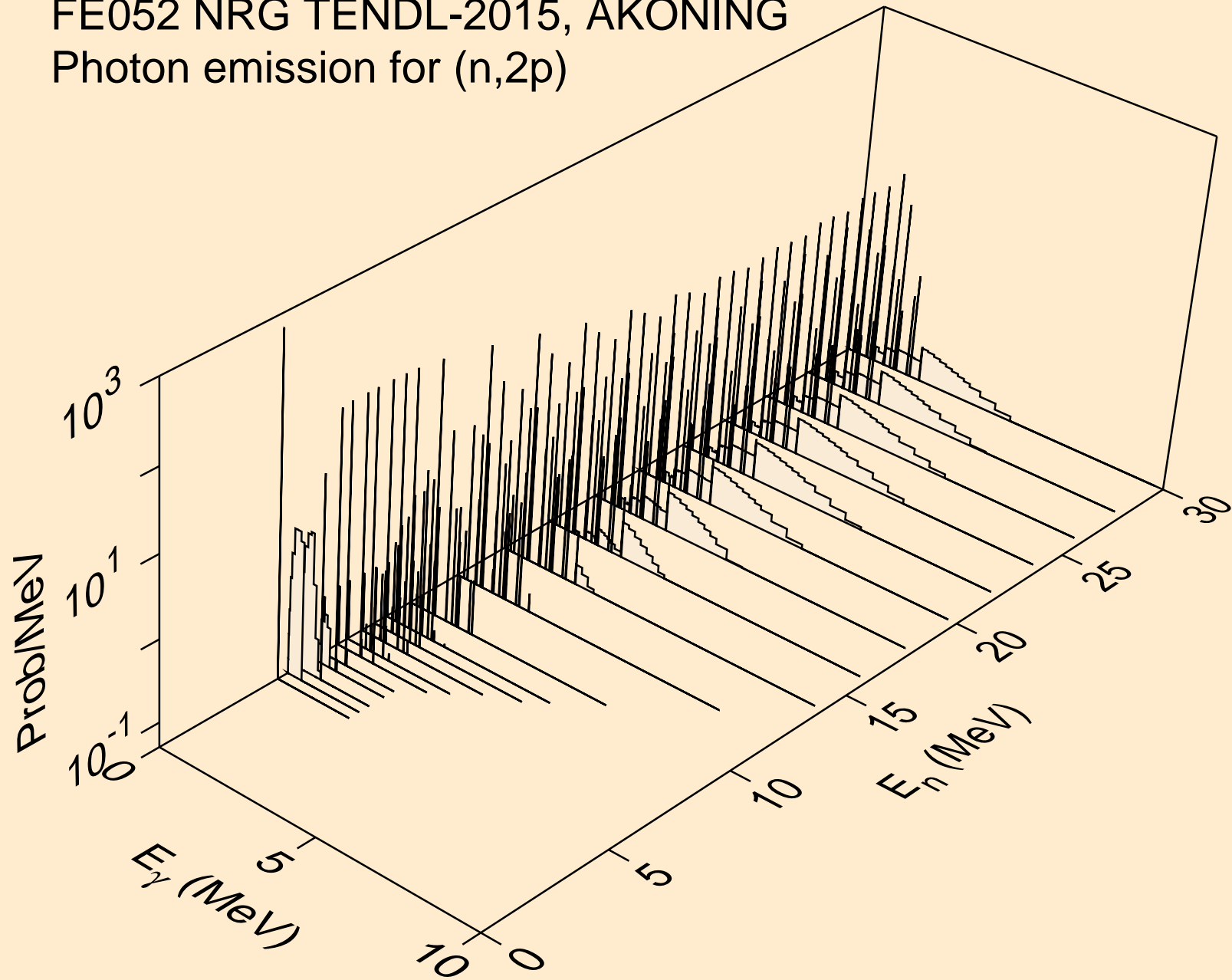
FE052 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



FE052 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)

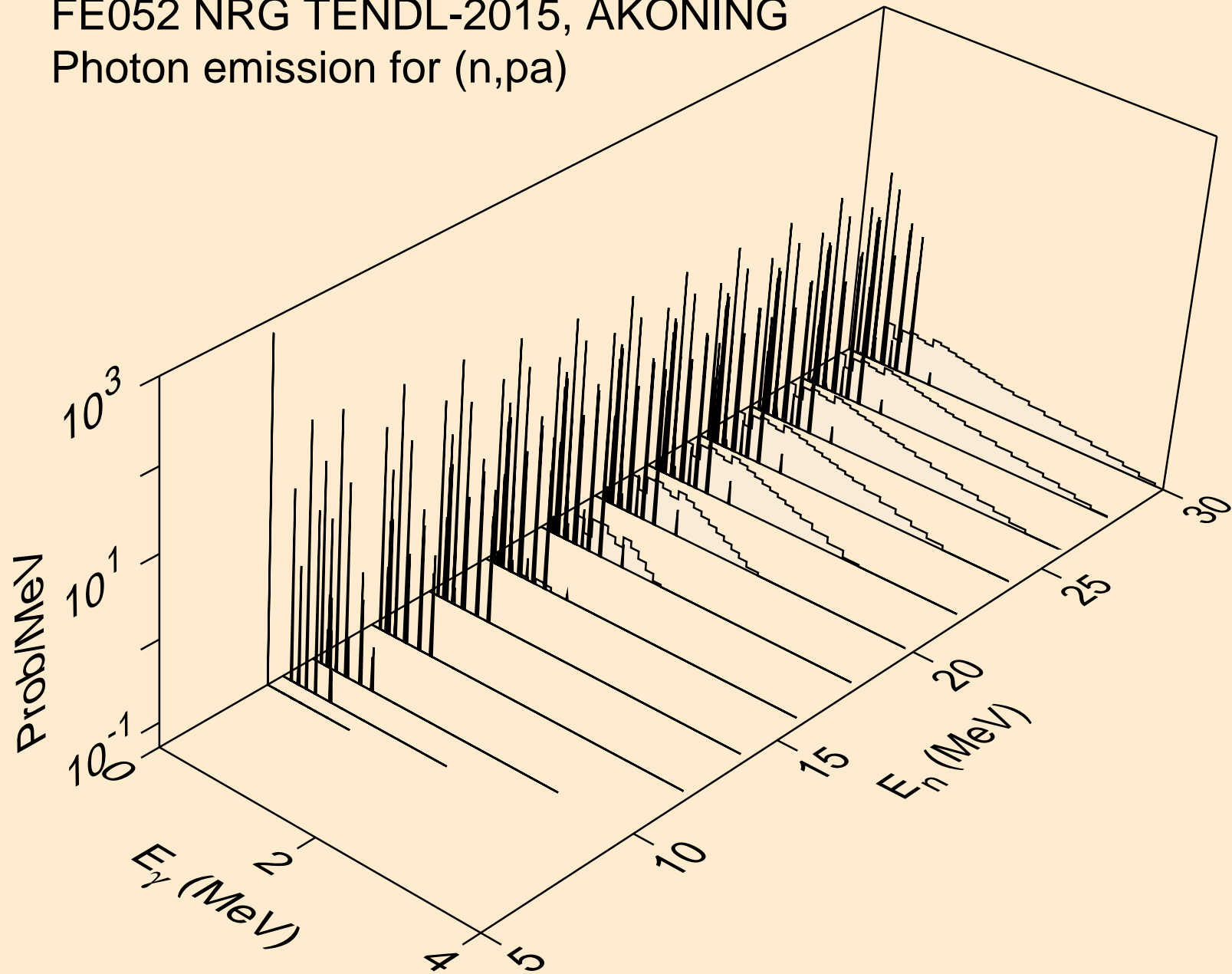


FE052 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

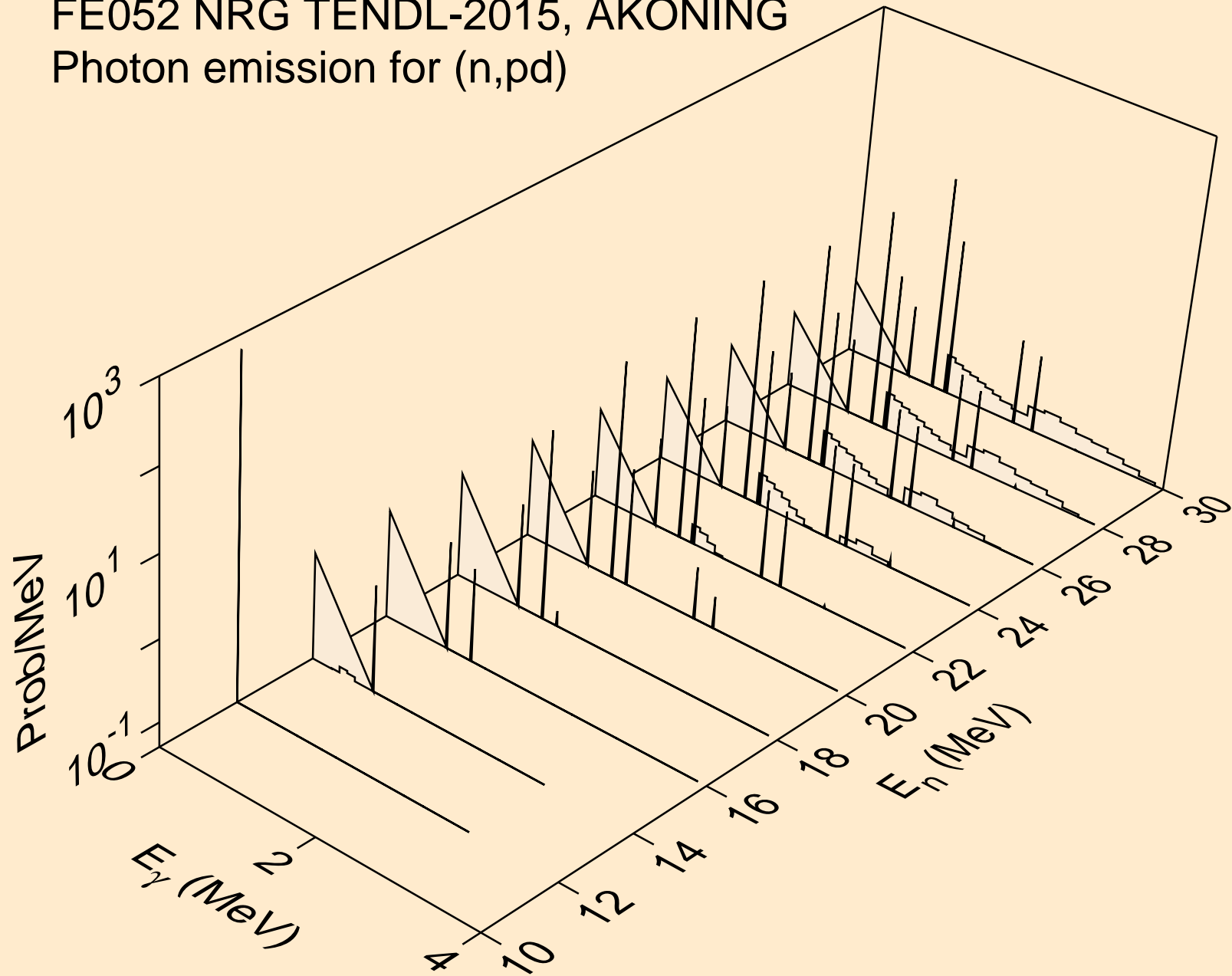




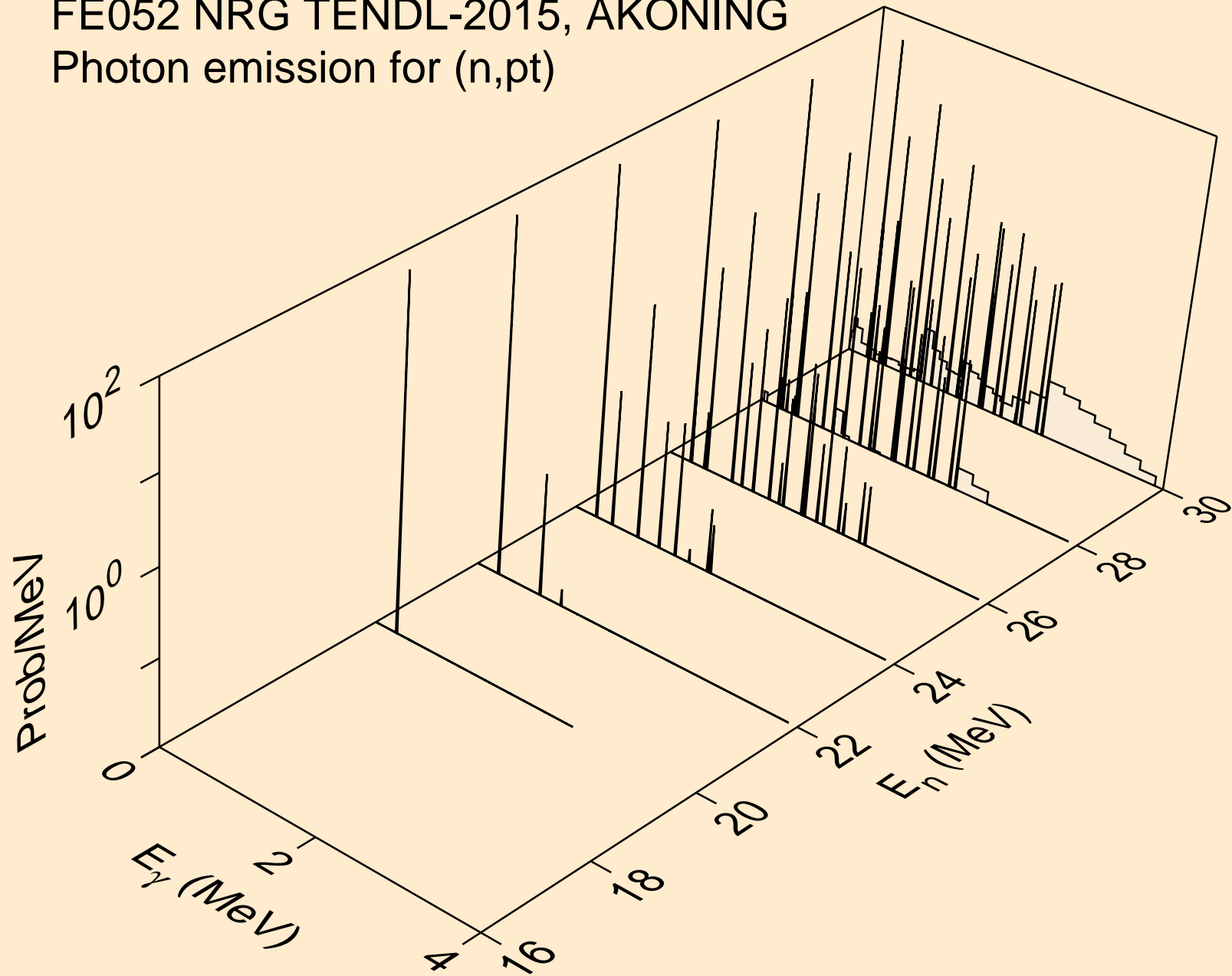
FE052 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



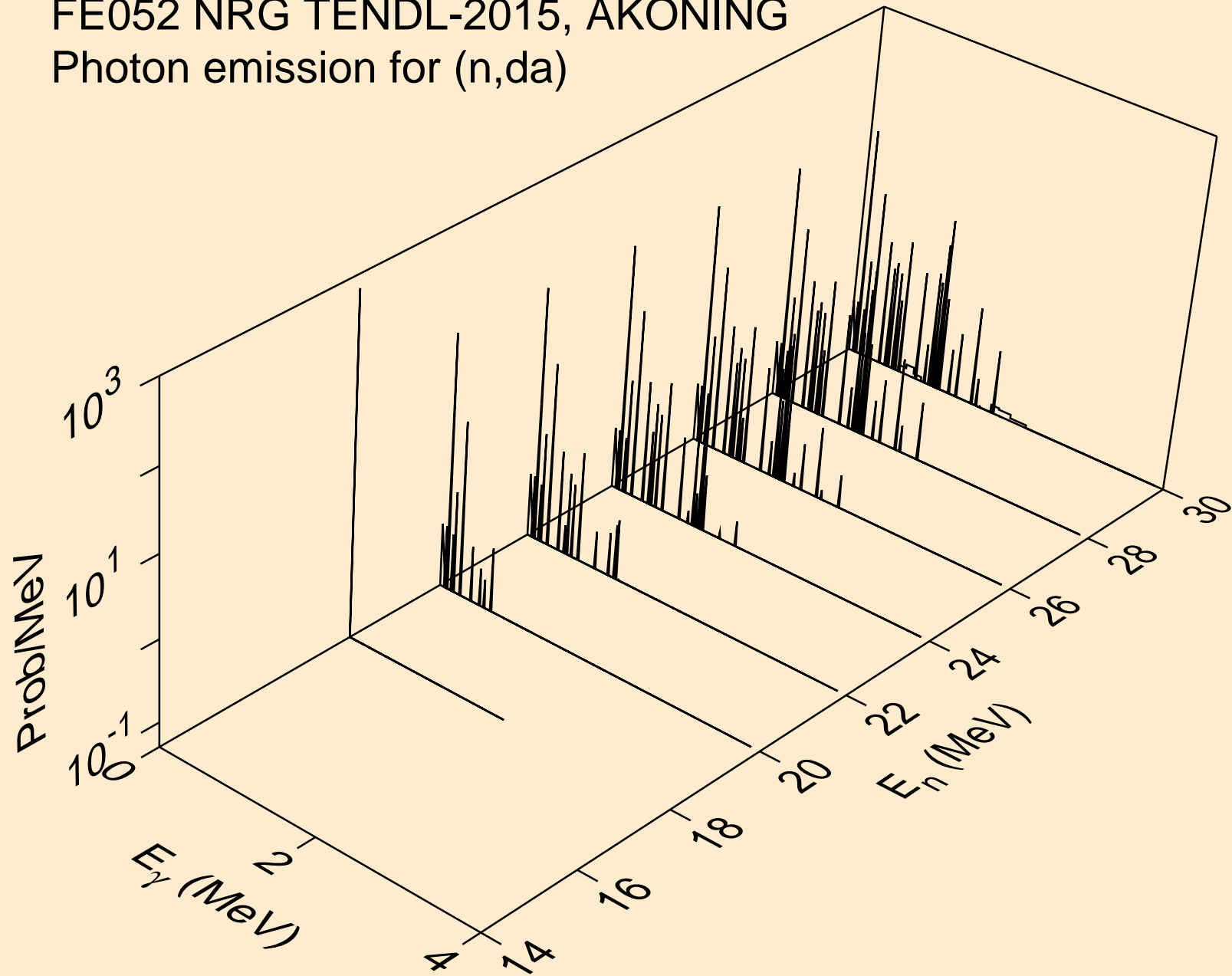
FE052 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



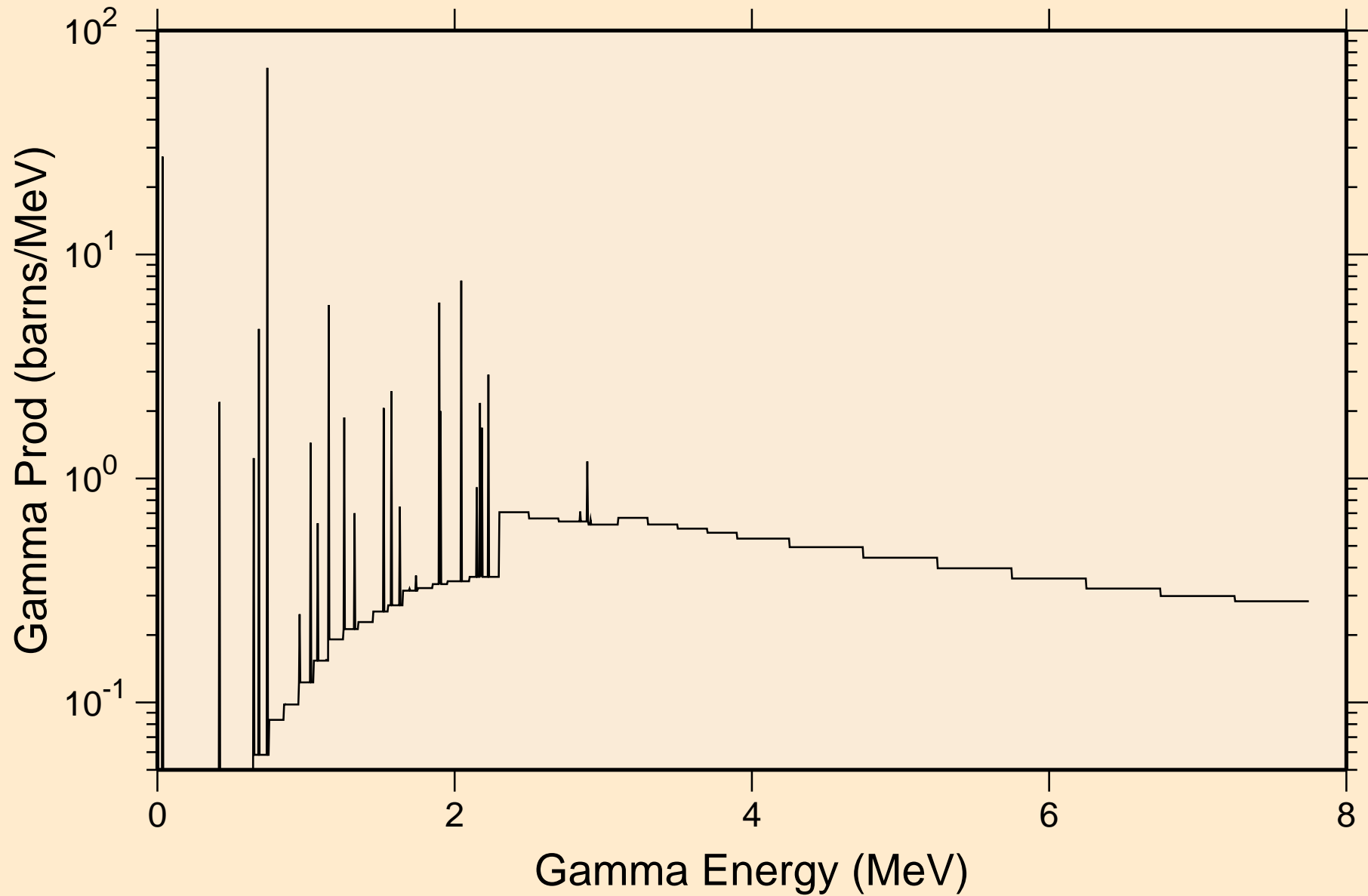
FE052 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



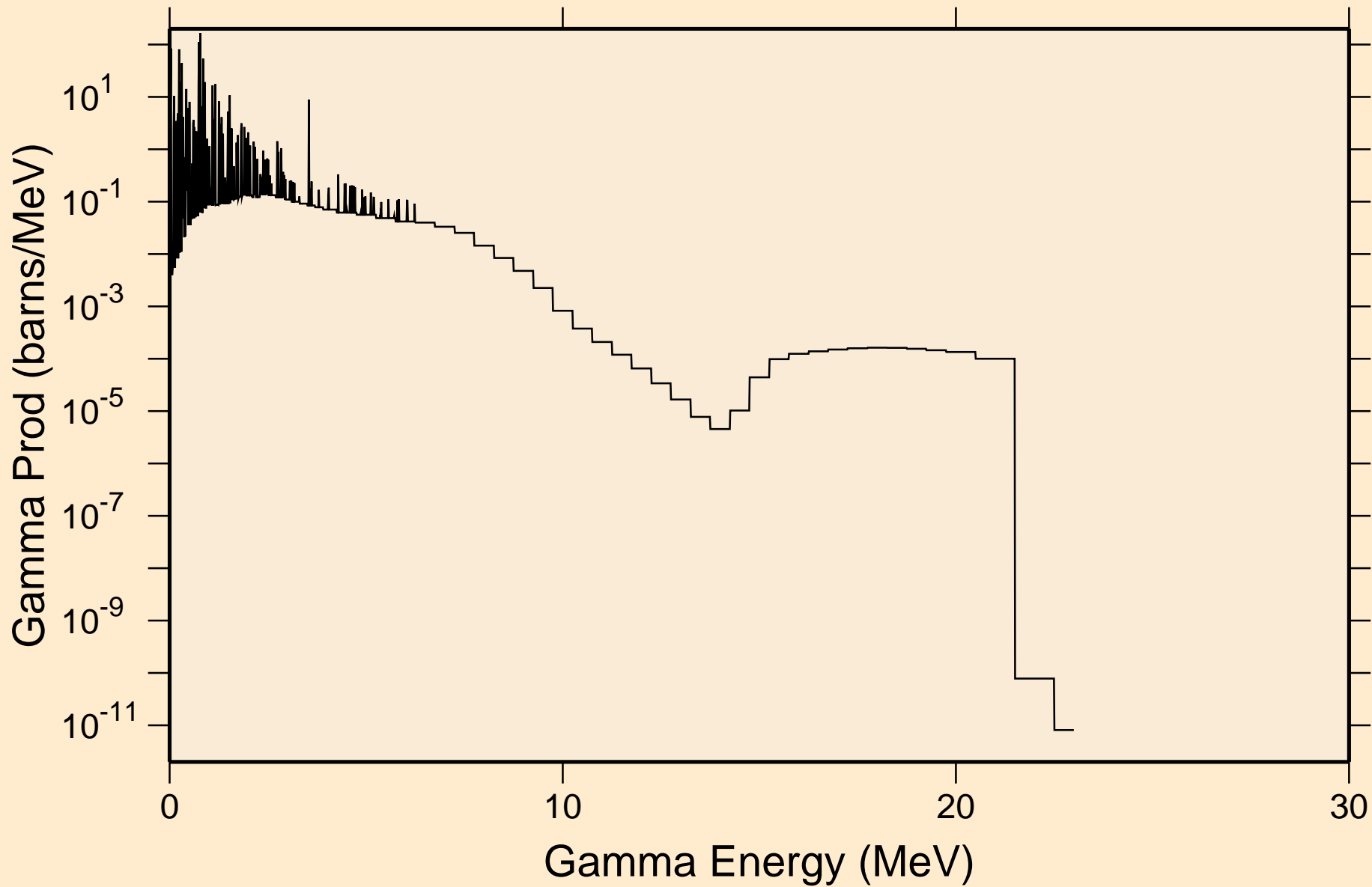
FE052 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



FE052 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

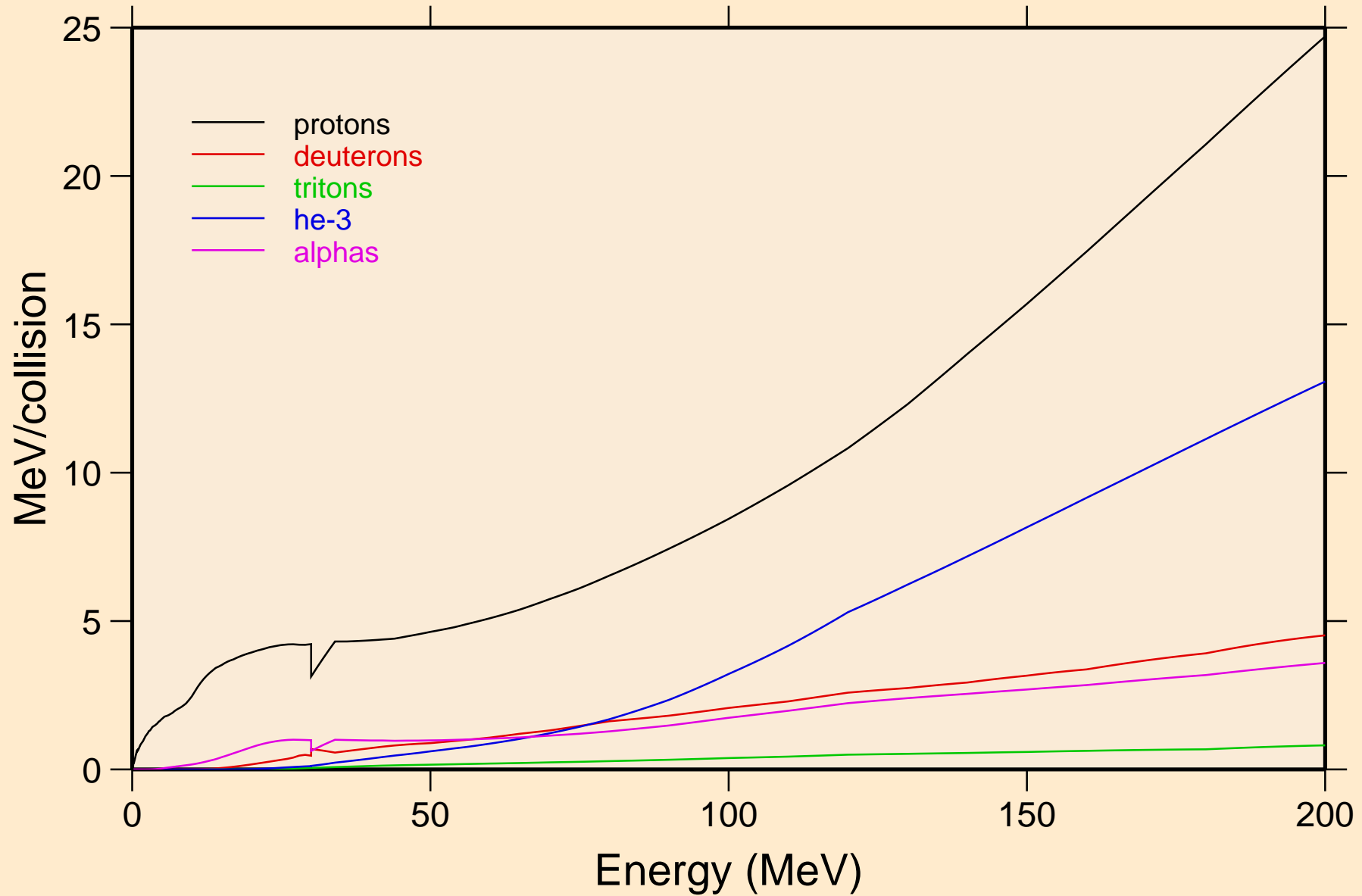


FE052 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



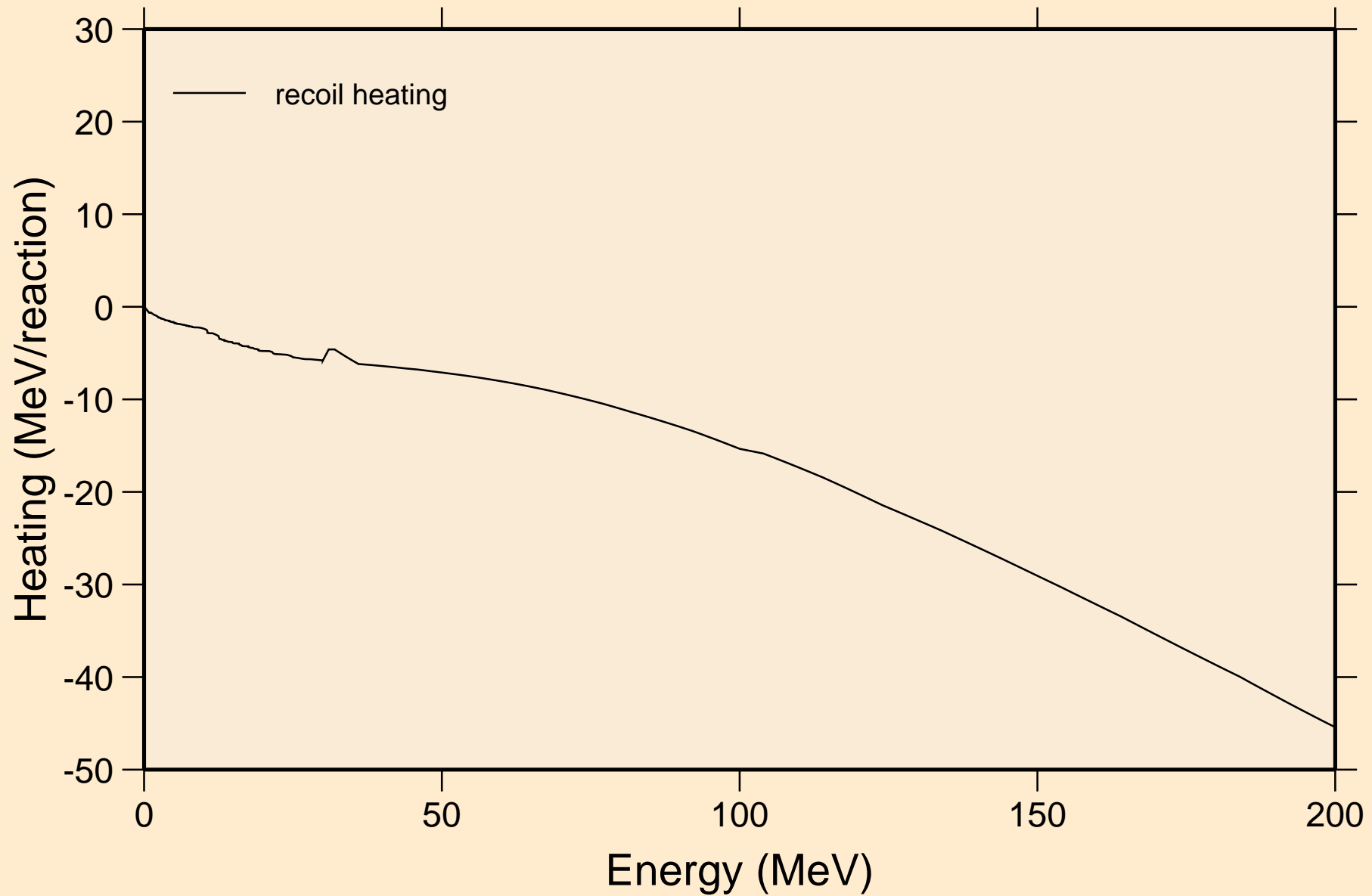
# FE052 NRG TENDL-2015, AKONING

## Particle heating contributions



# FE052 NRG TENDL-2015, AKONING

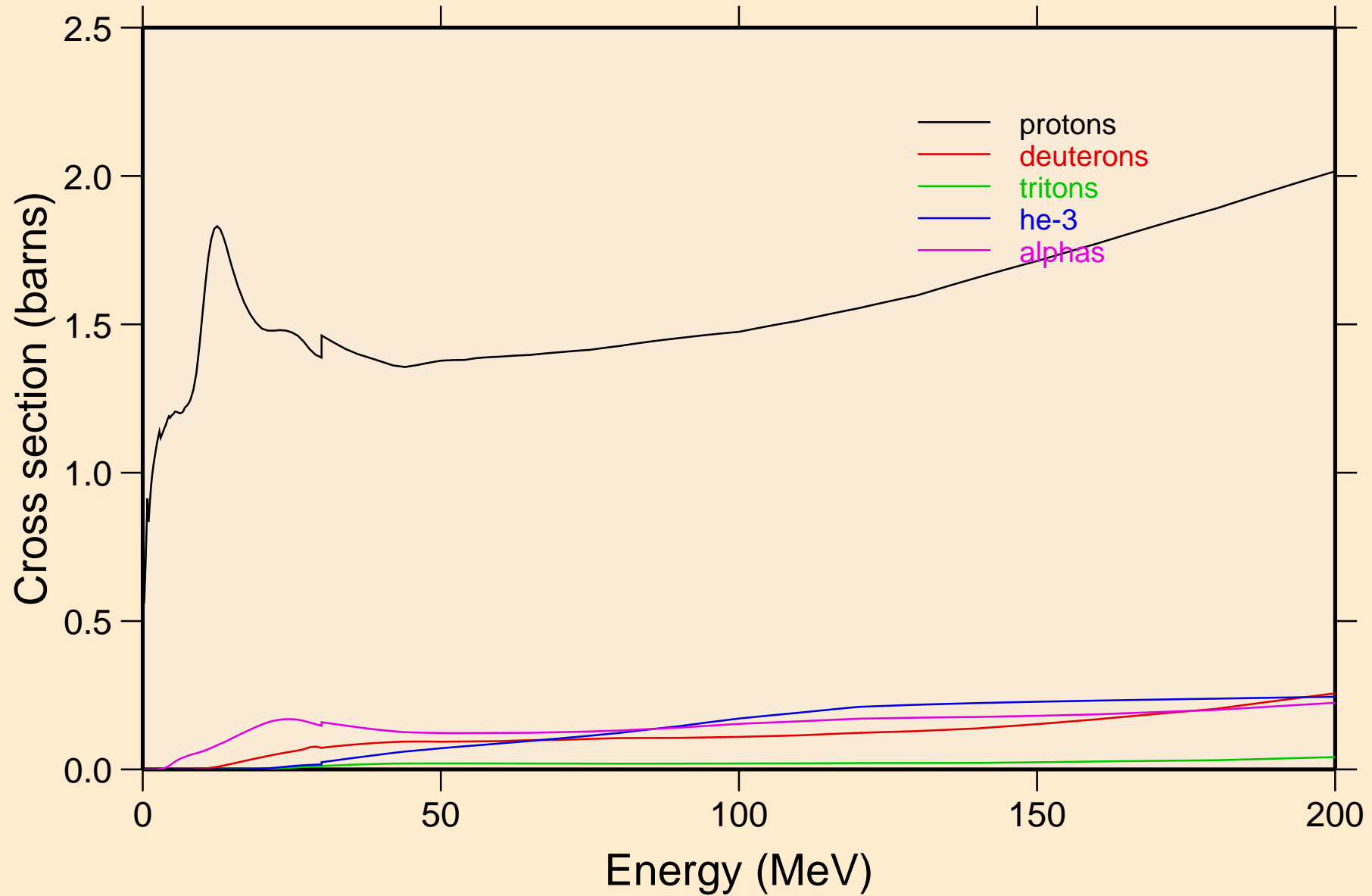
## Recoil Heating



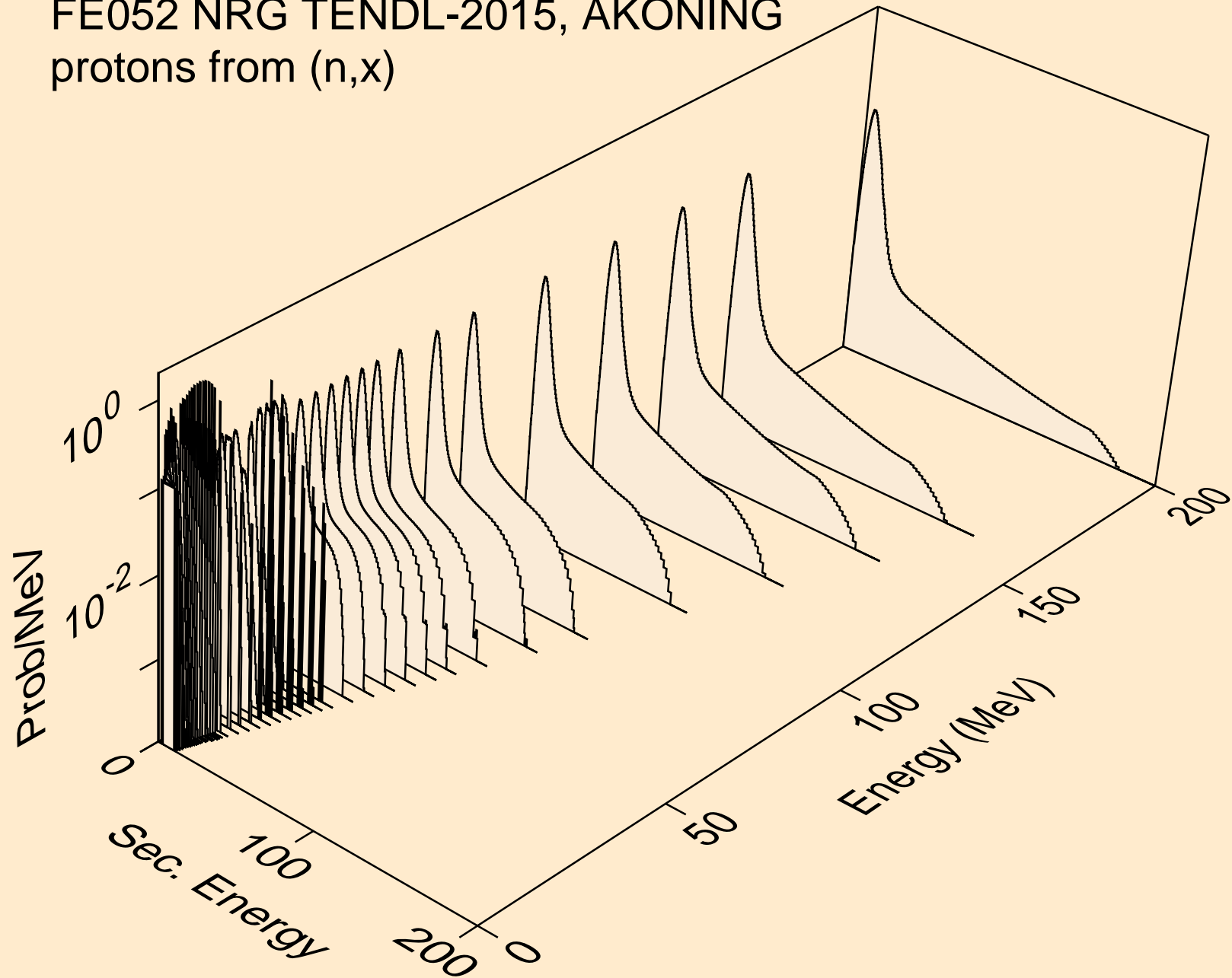


# FE052 NRG TENDL-2015, AKONING

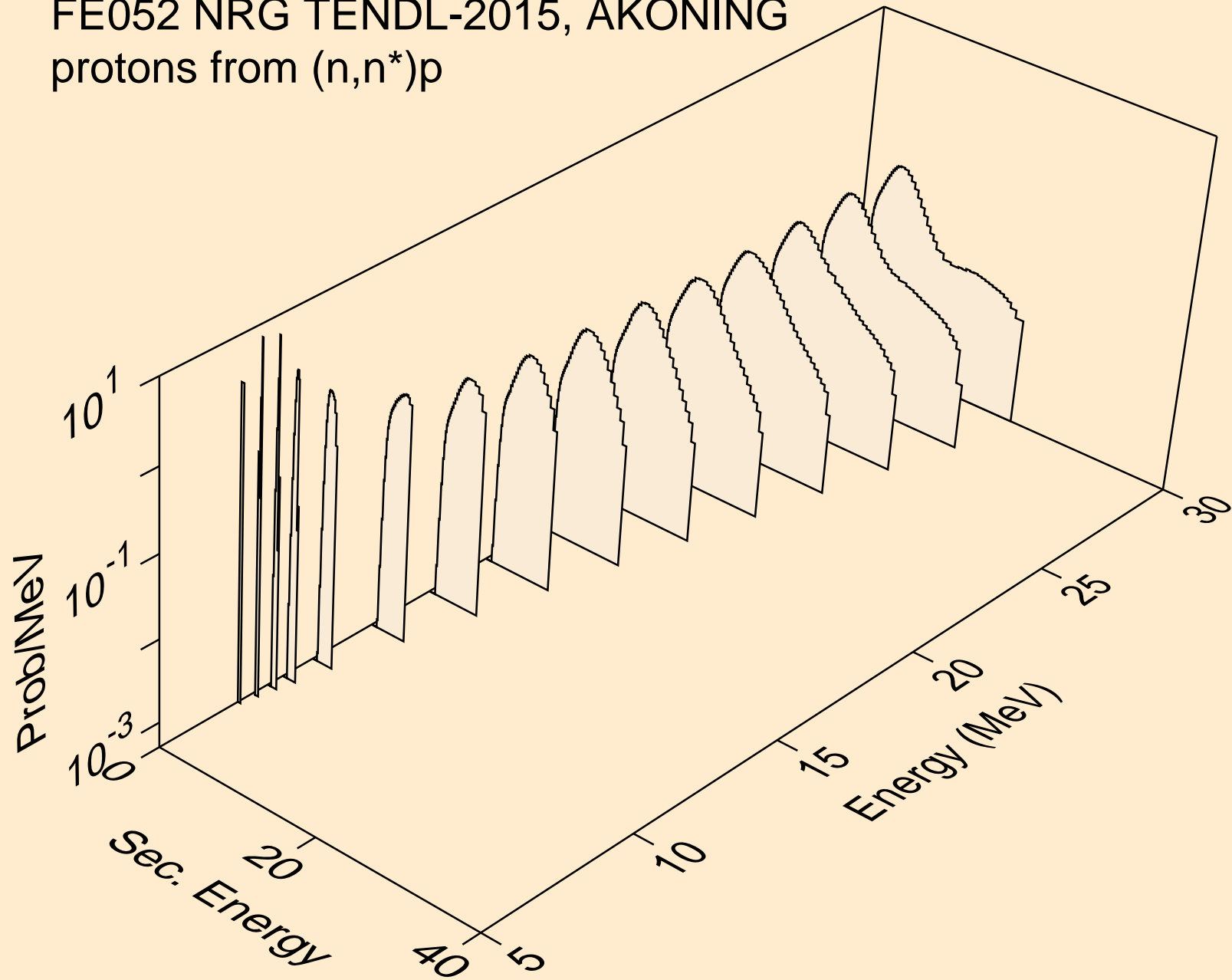
## Particle production cross sections



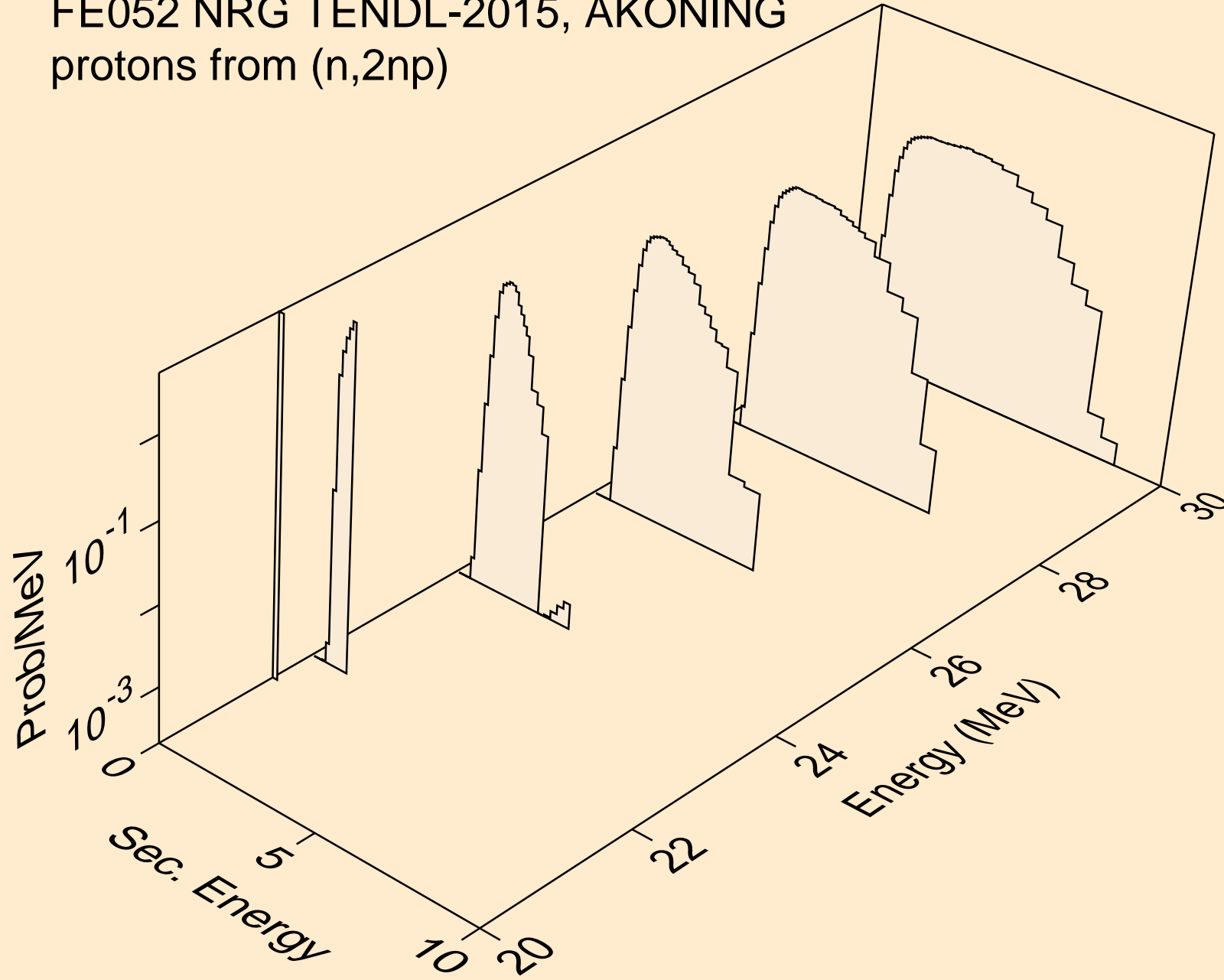
FE052 NRG TENDL-2015, AKONING  
protons from (n,x)



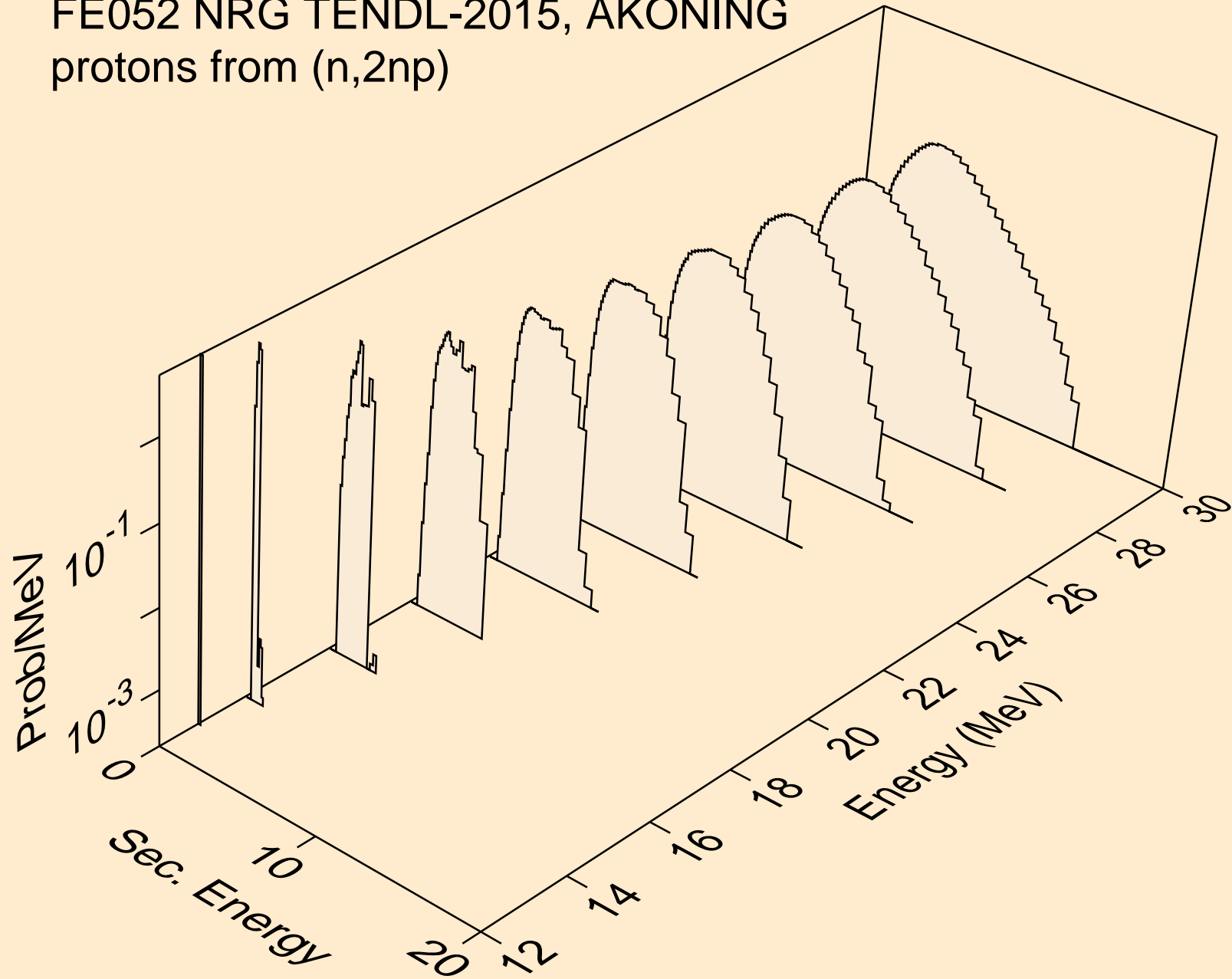
FE052 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



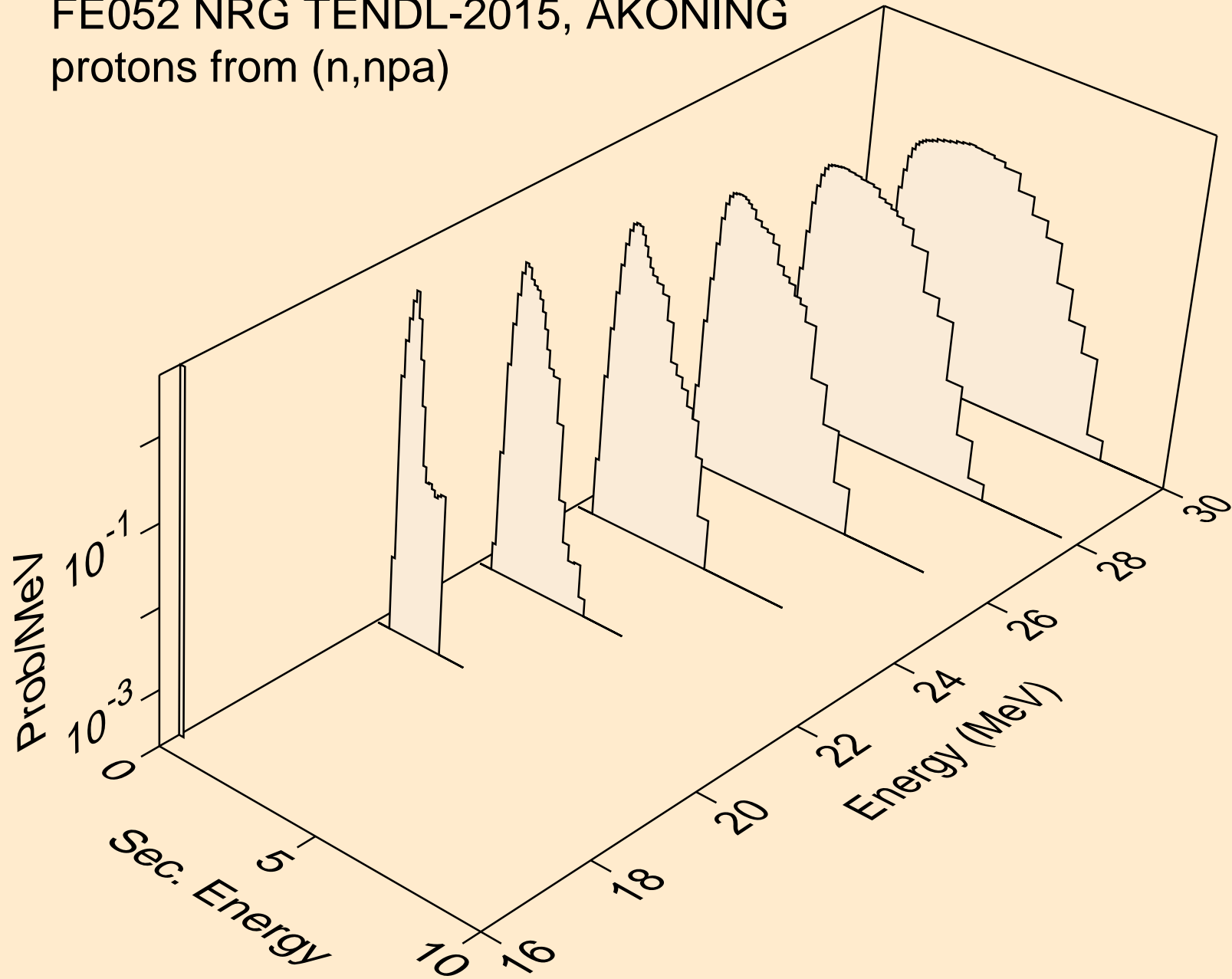
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protons from (n,2np)



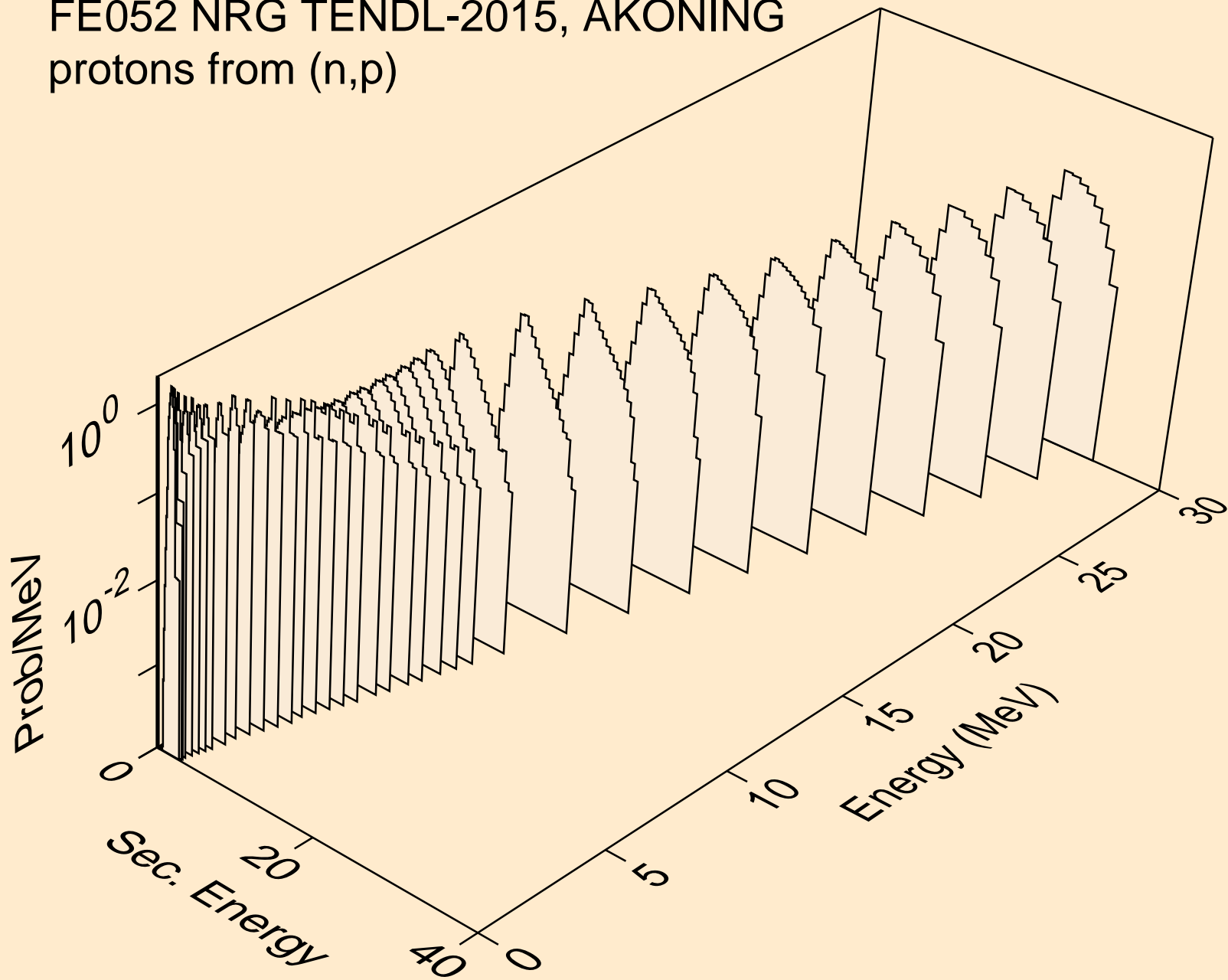
FE052 NRG TENDL-2015, AKONING  
protons from (n,2np)



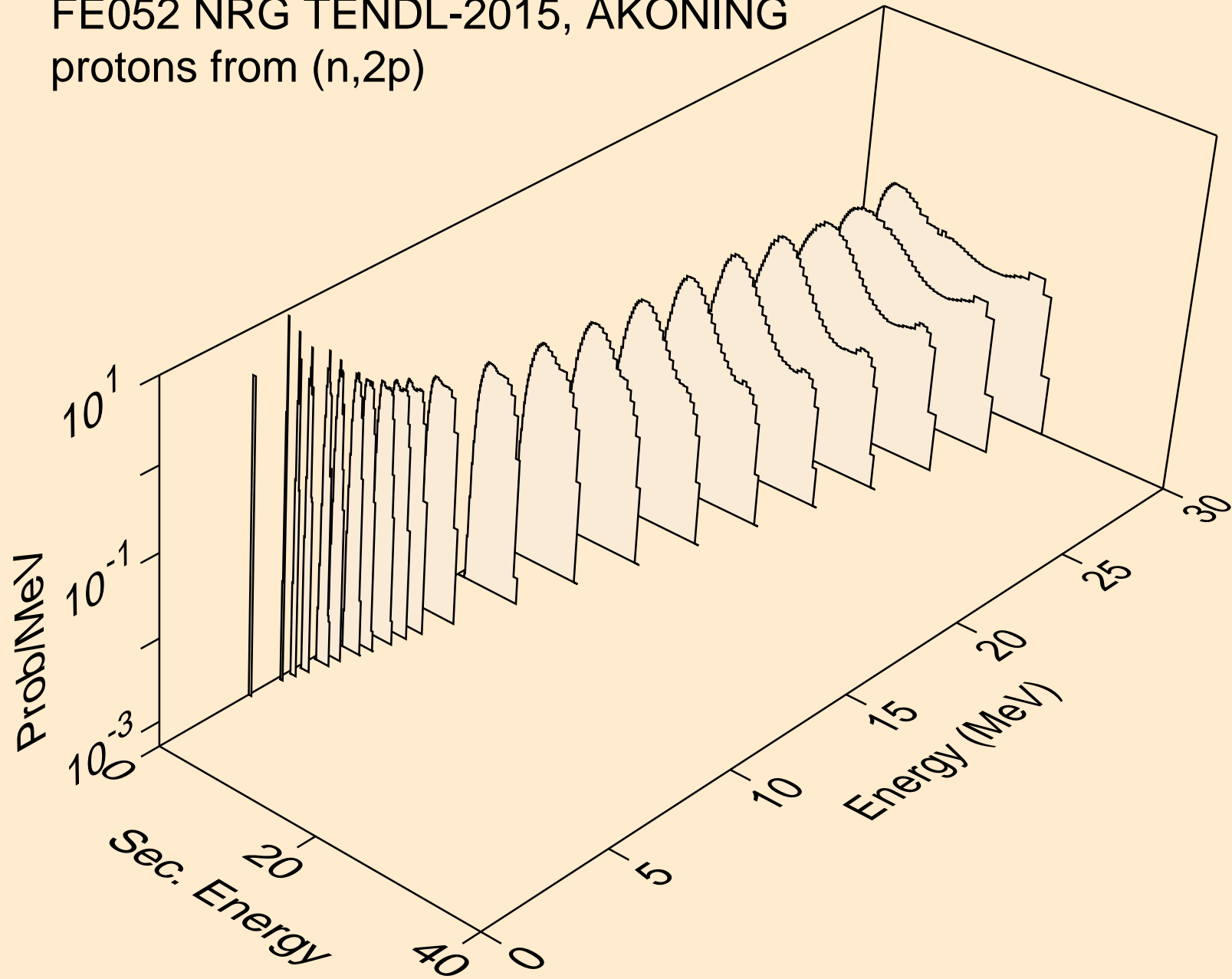
FE052 NRG TENDL-2015, AKONING  
protons from (n,npa)



FE052 NRG TENDL-2015, AKONING  
protons from (n,p)

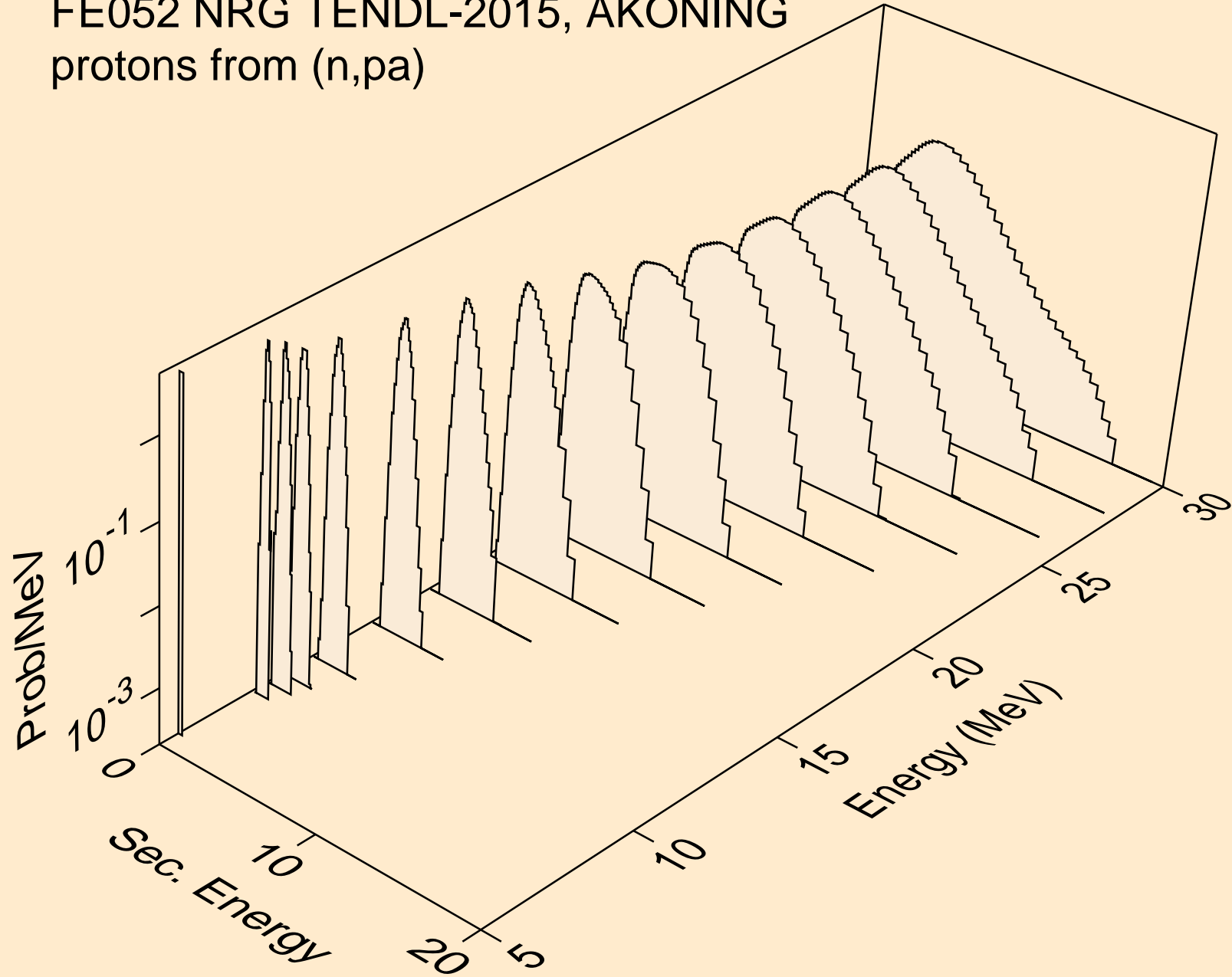


FE052 NRG TENDL-2015, AKONING  
protons from (n,2p)

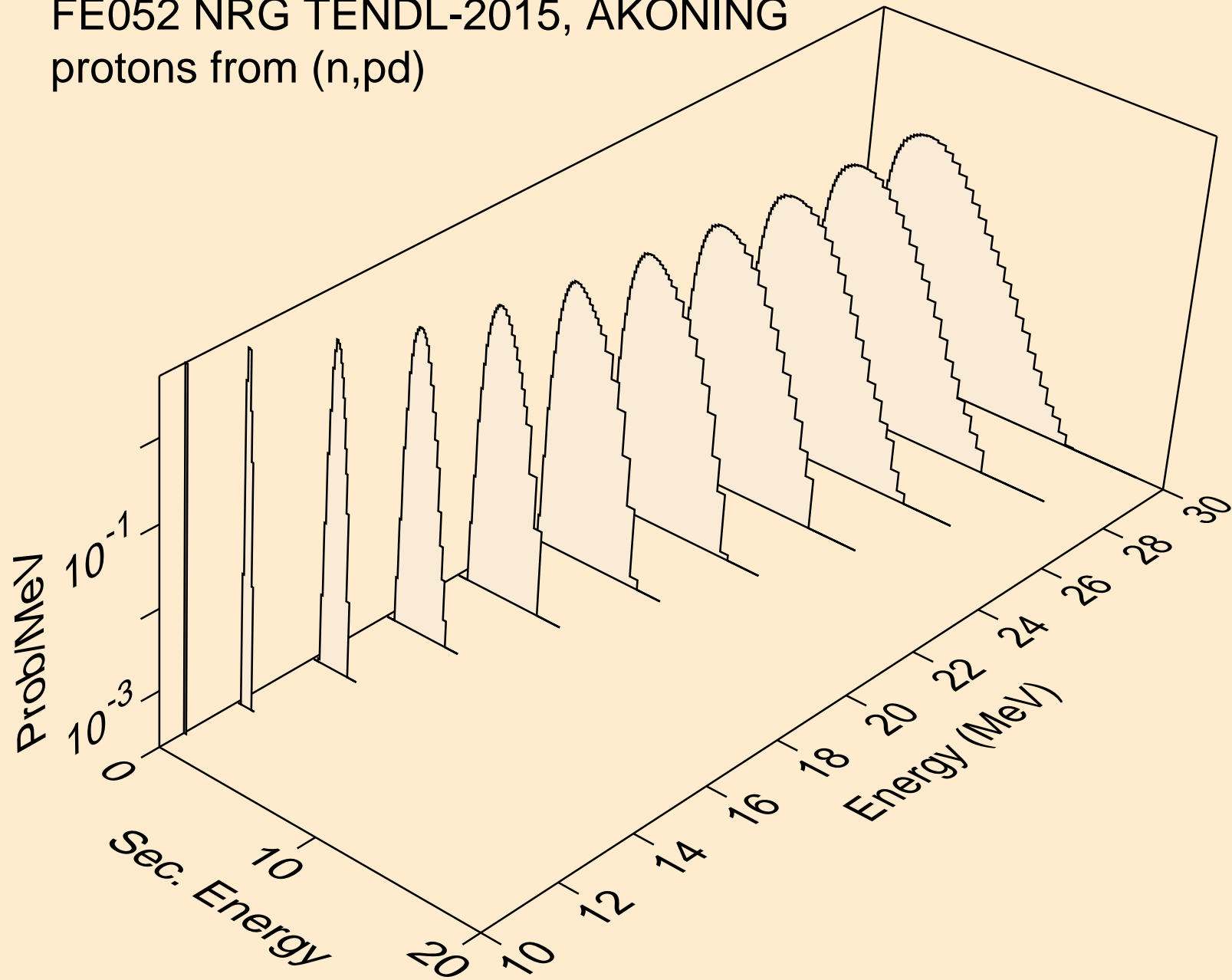




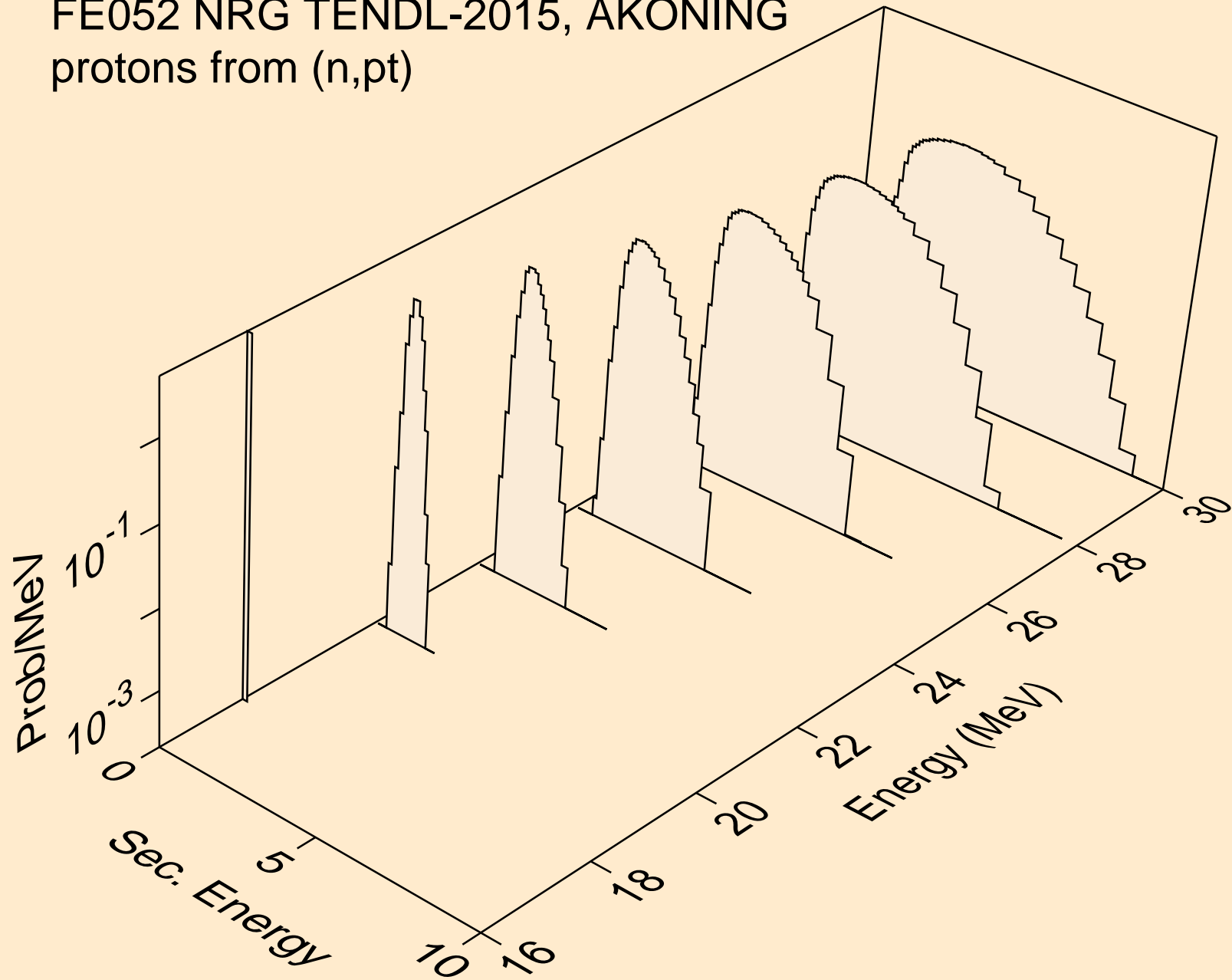
FE052 NRG TENDL-2015, AKONING  
protons from (n,pa)



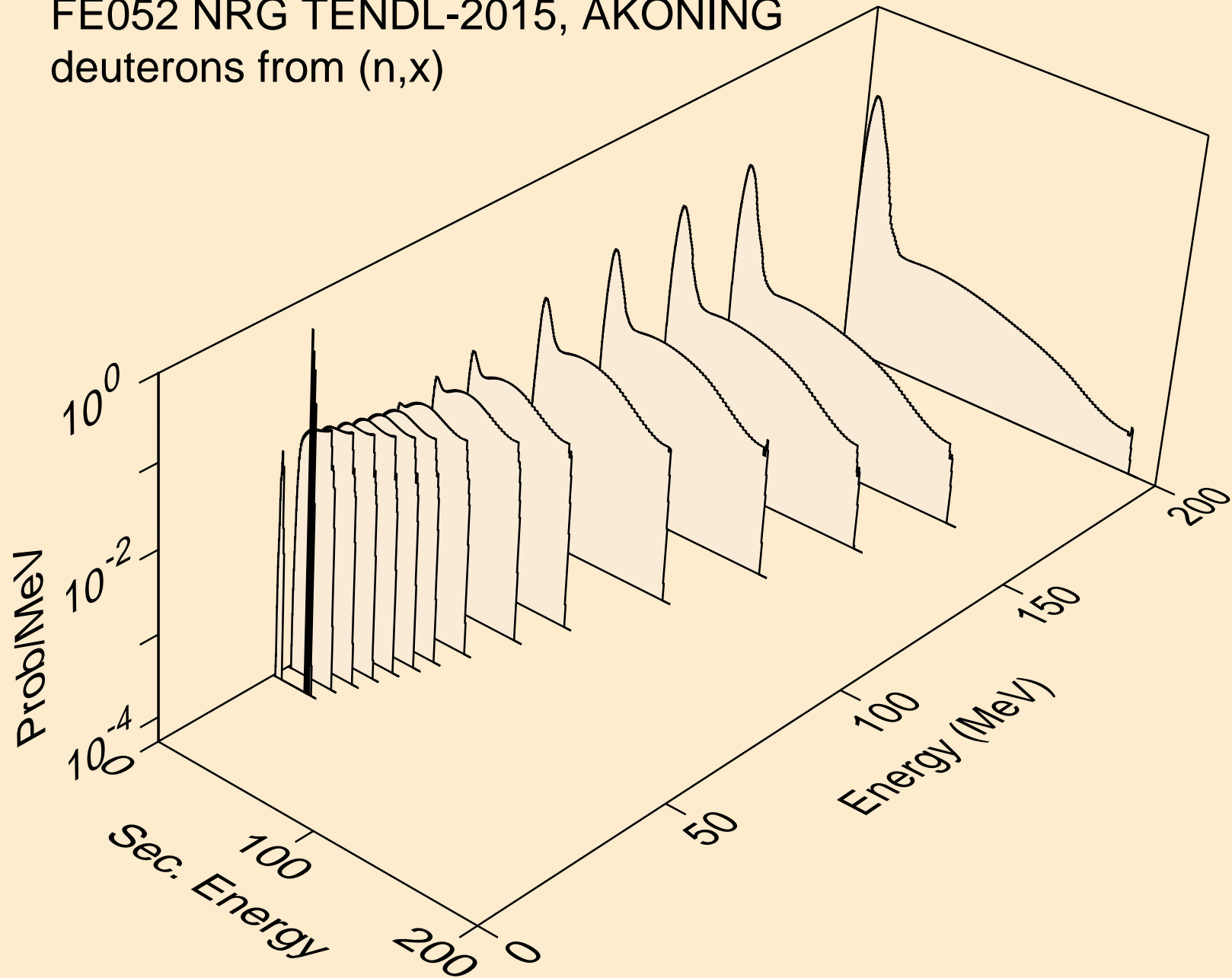
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protons from (n,pd)



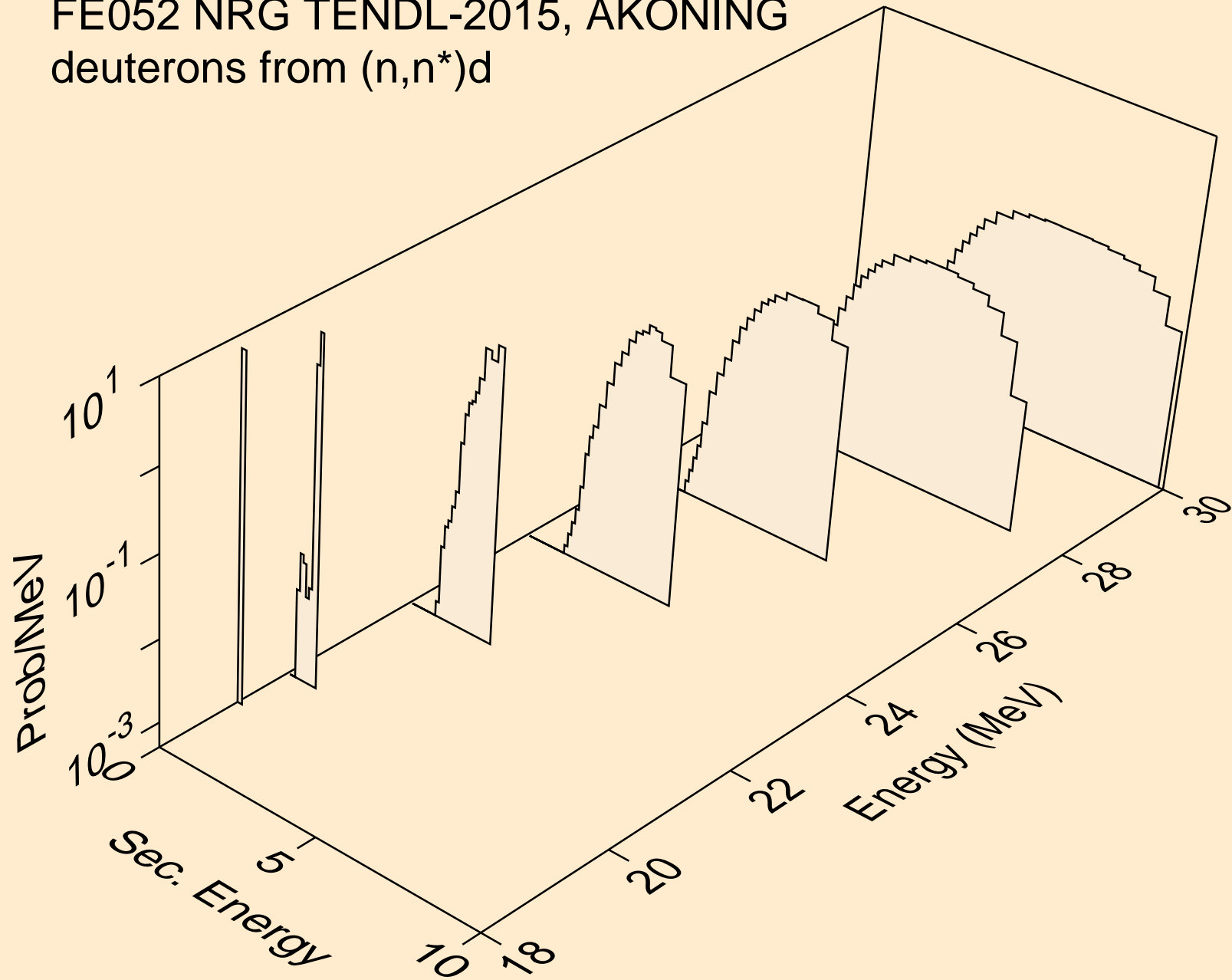
FE052 NRG TENDL-2015, AKONING  
protons from (n,pt)



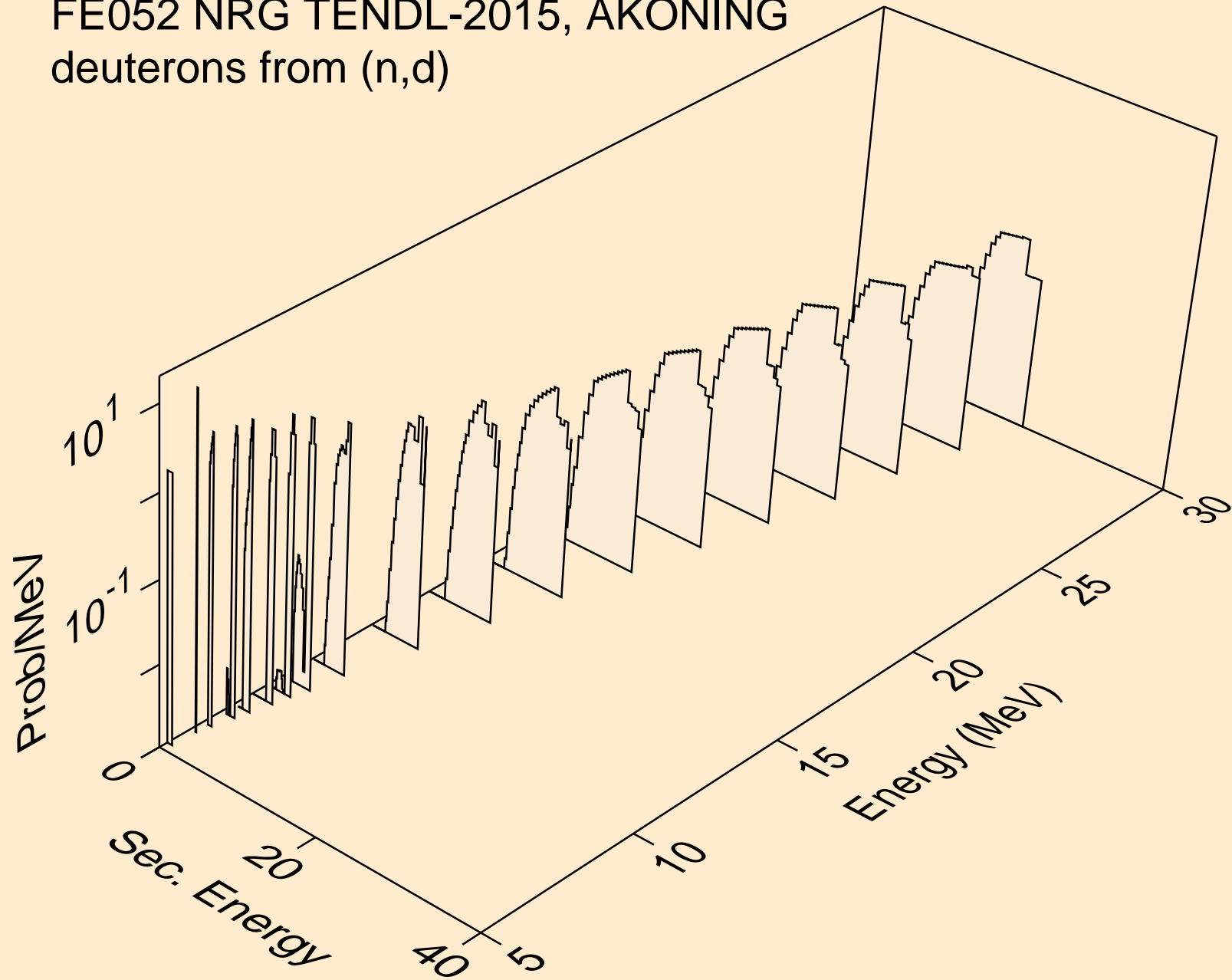
FE052 NRG TENDL-2015, AKONING  
deuterons from (n,x)



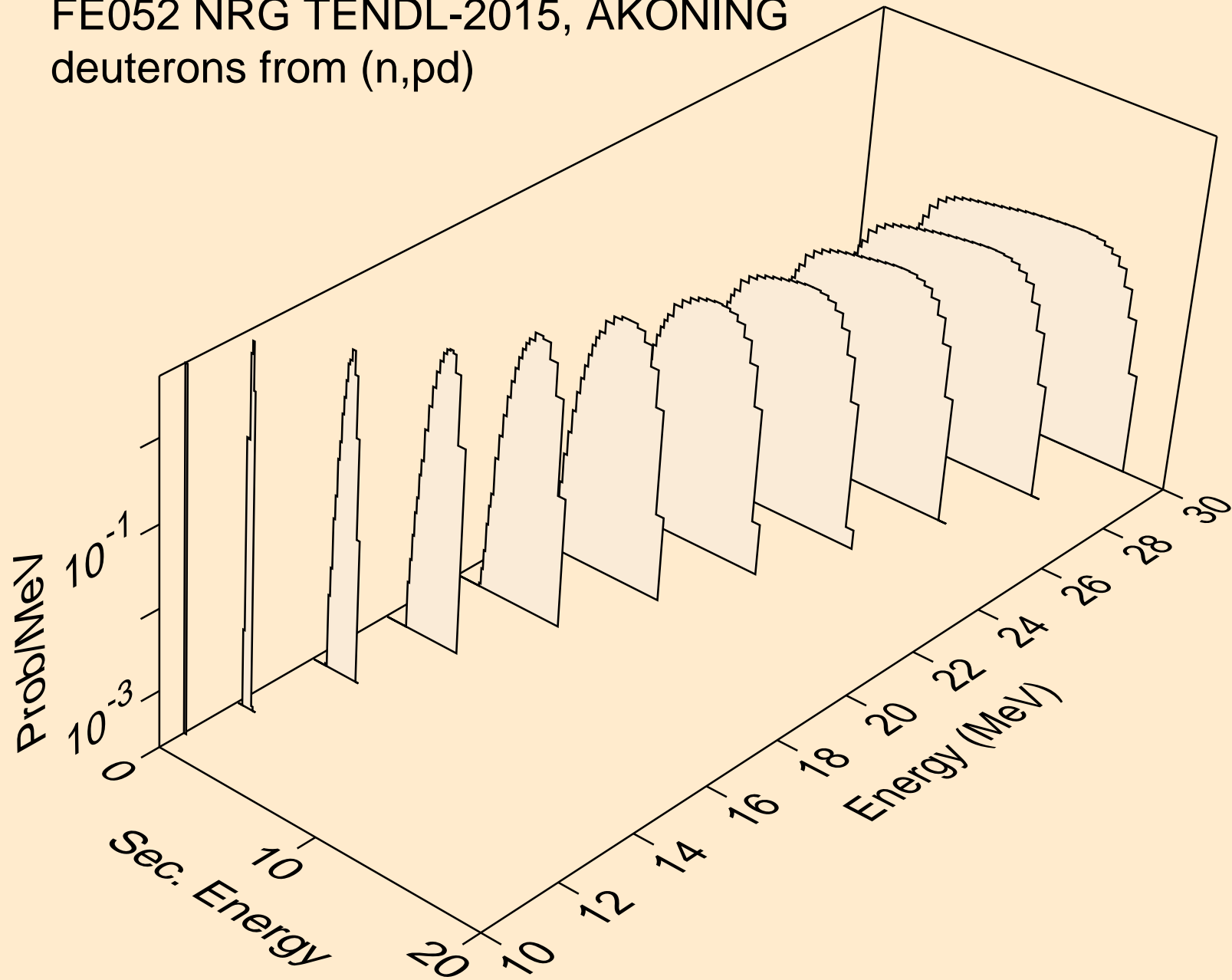
FE052 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



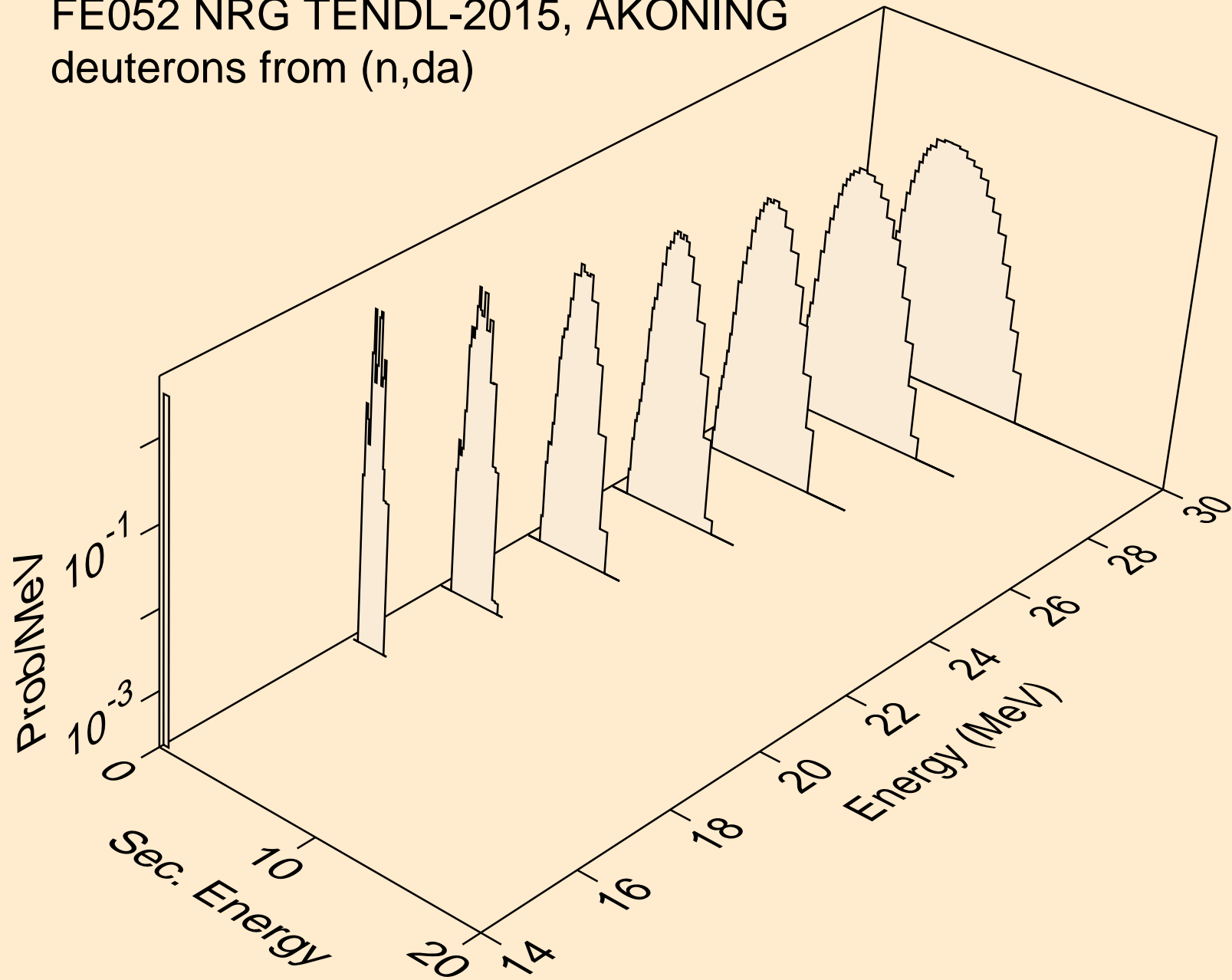
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deuterons from (n,d)



FE052 NRG TENDL-2015, AKONING  
deuterons from (n,pd)

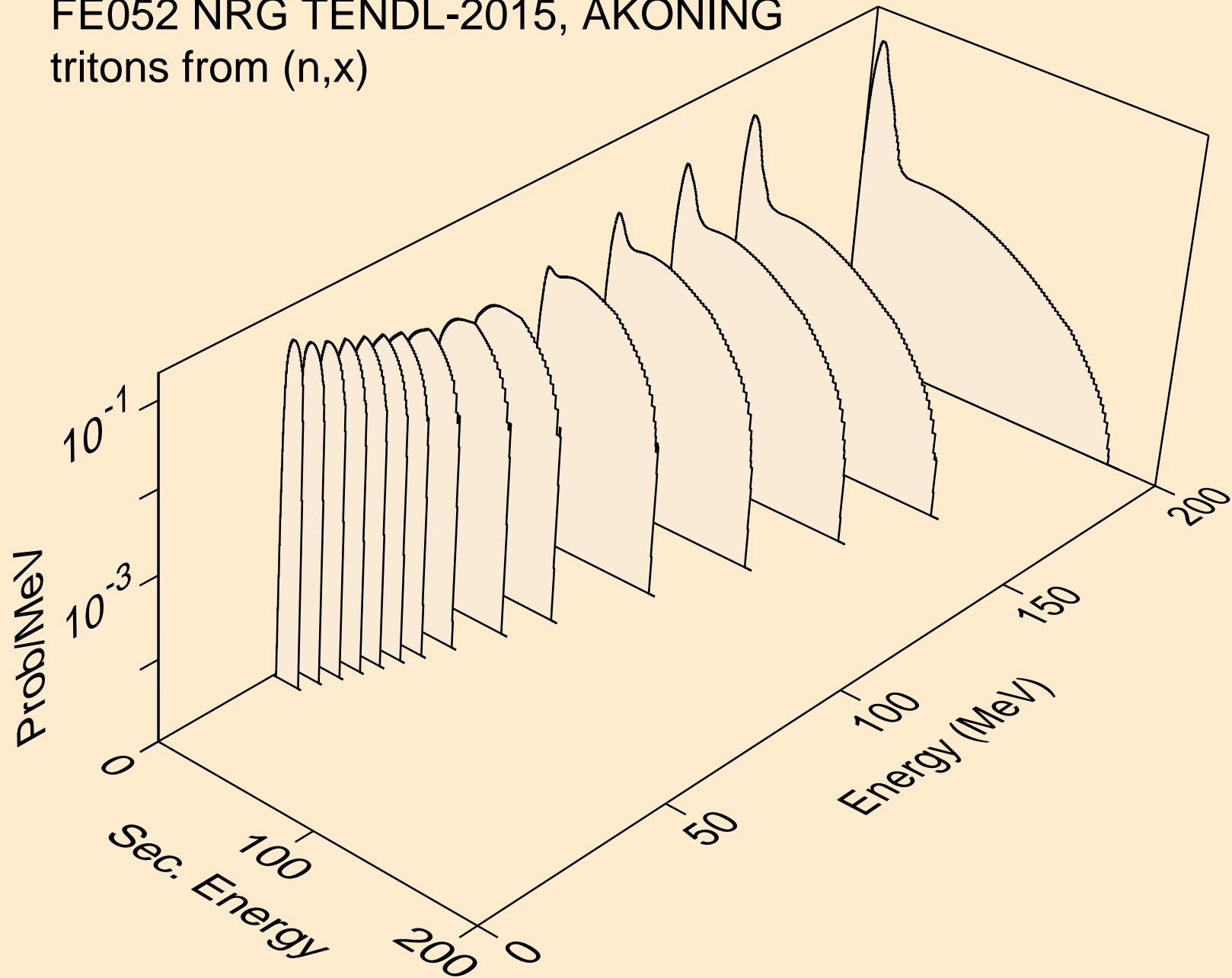


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deuterons from (n,da)

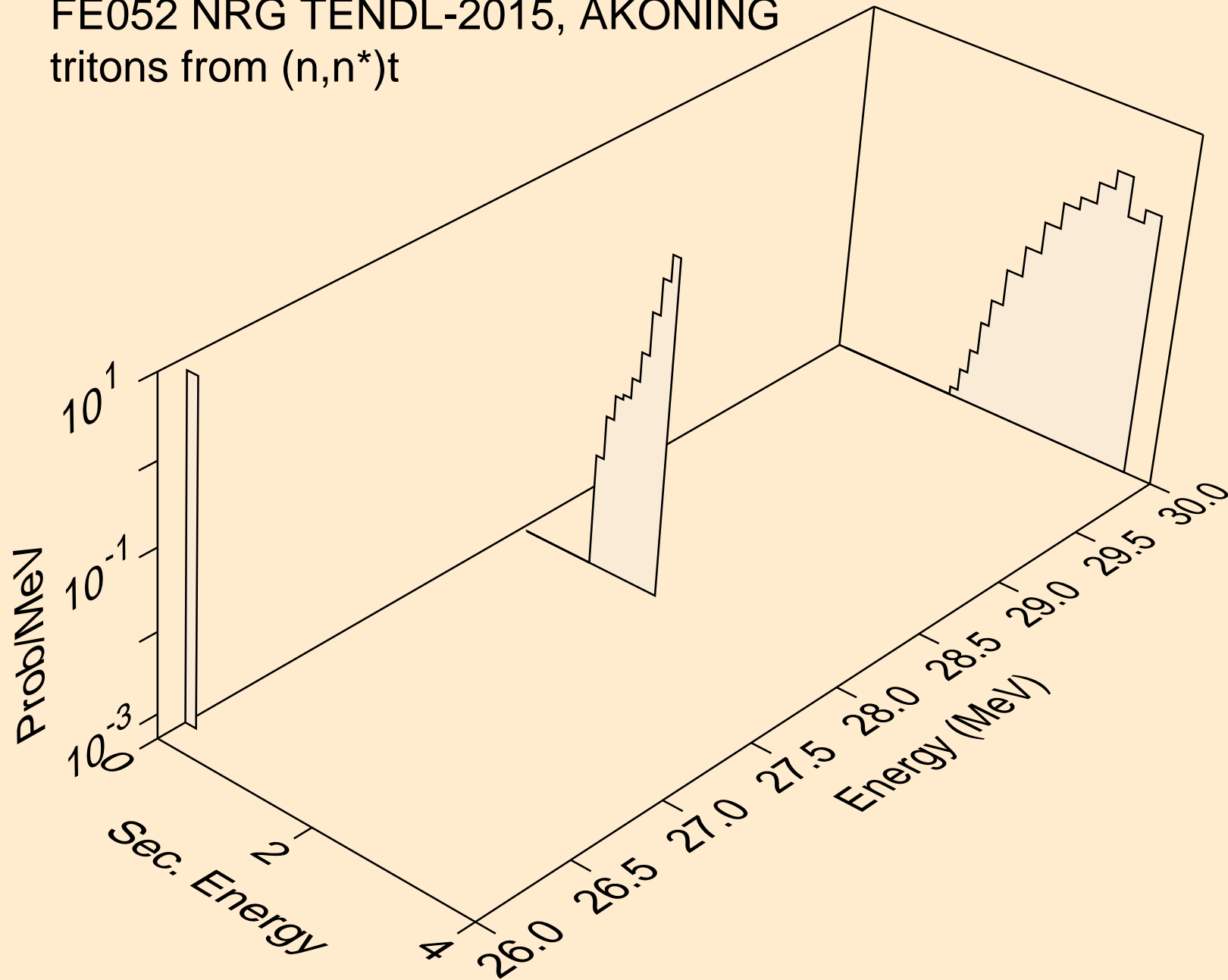




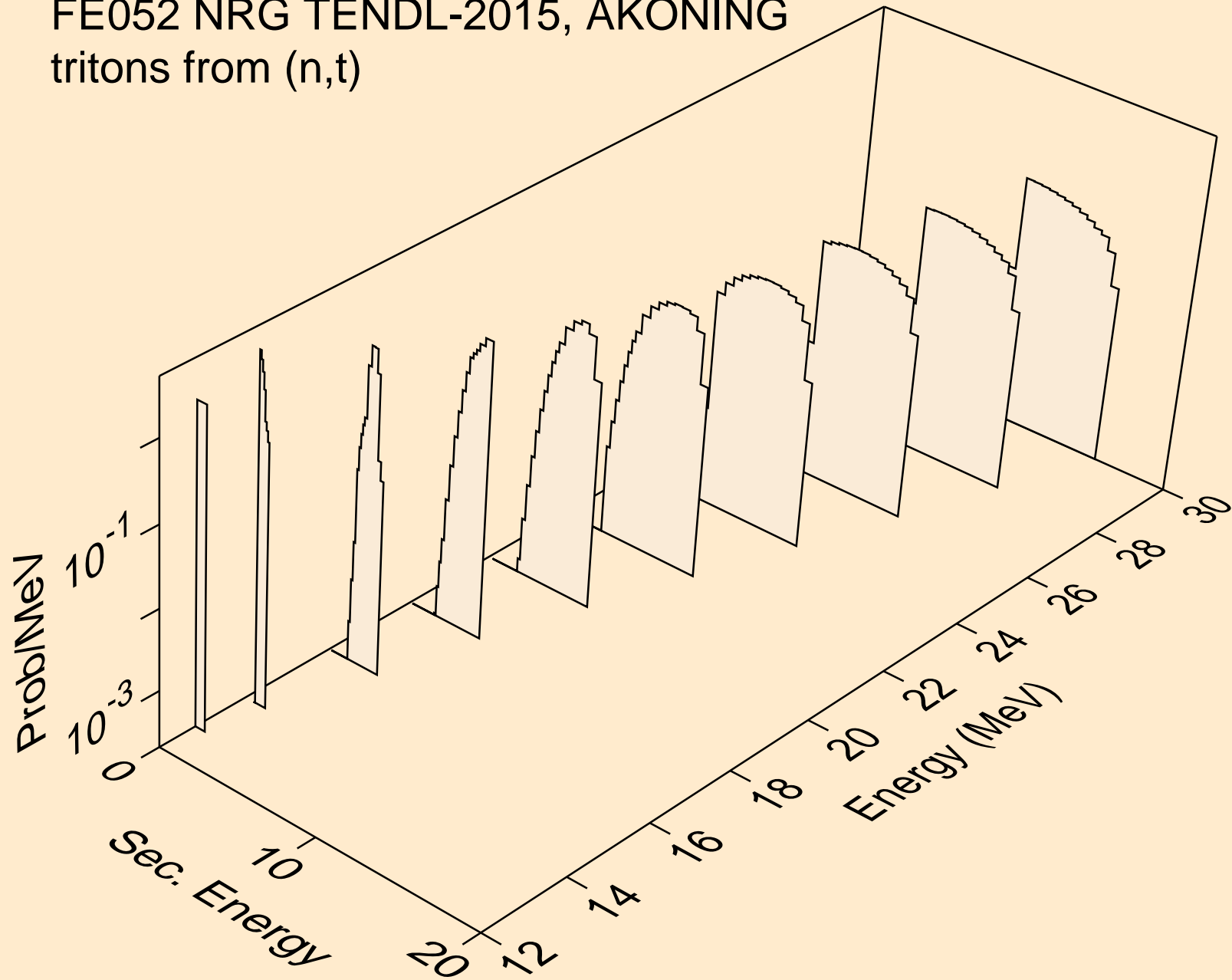
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tritons from (n,x)



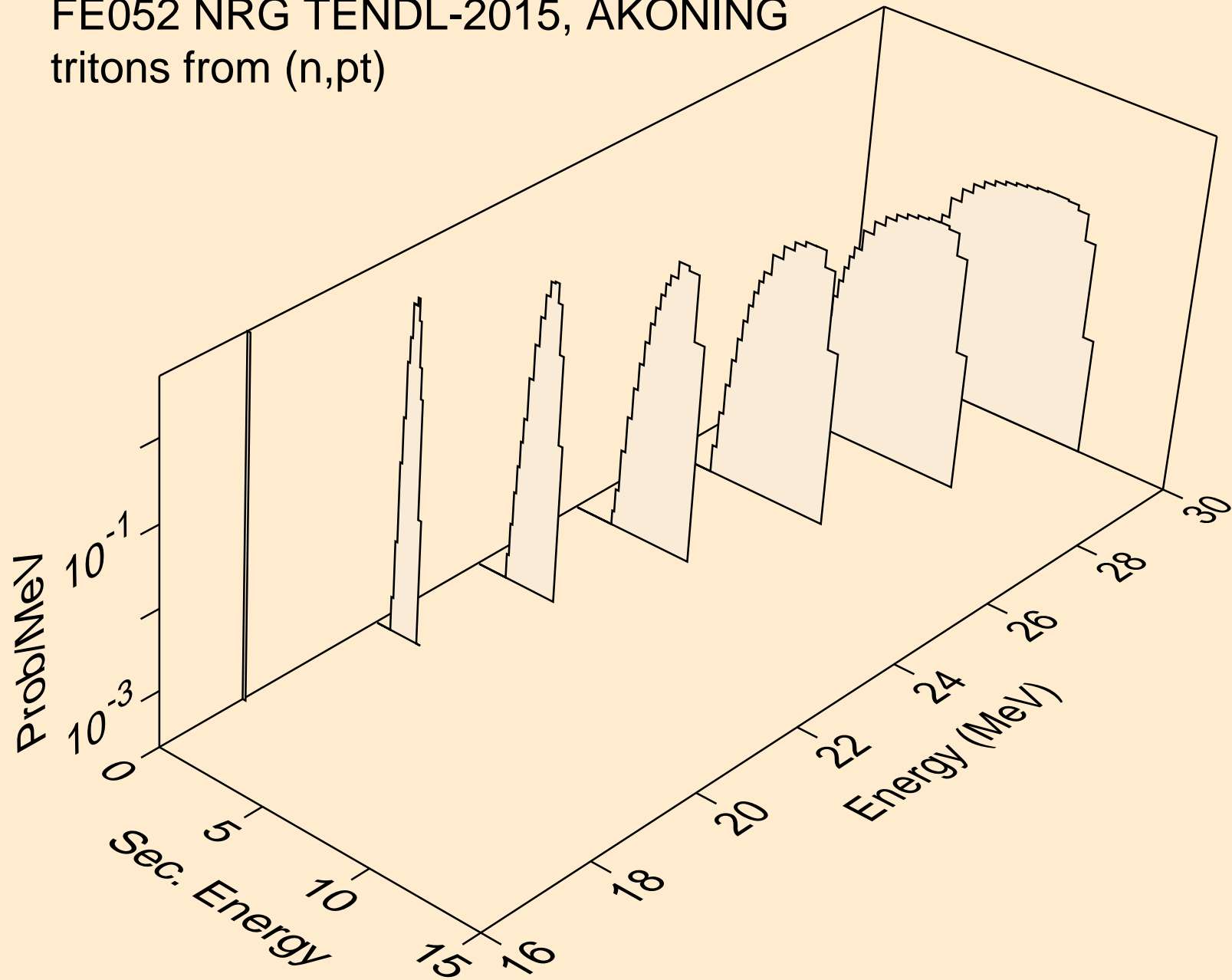
FE052 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



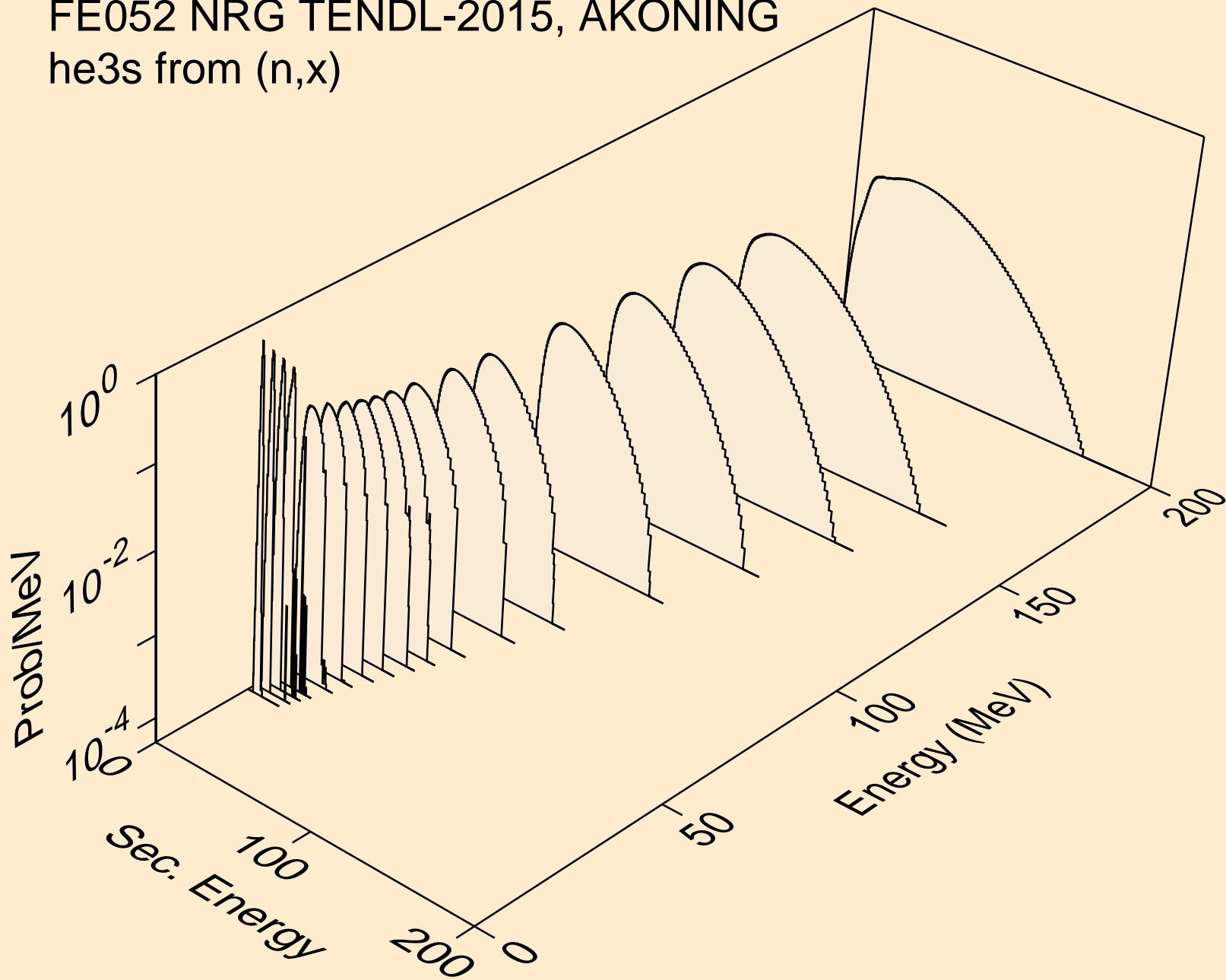
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tritons from (n,t)



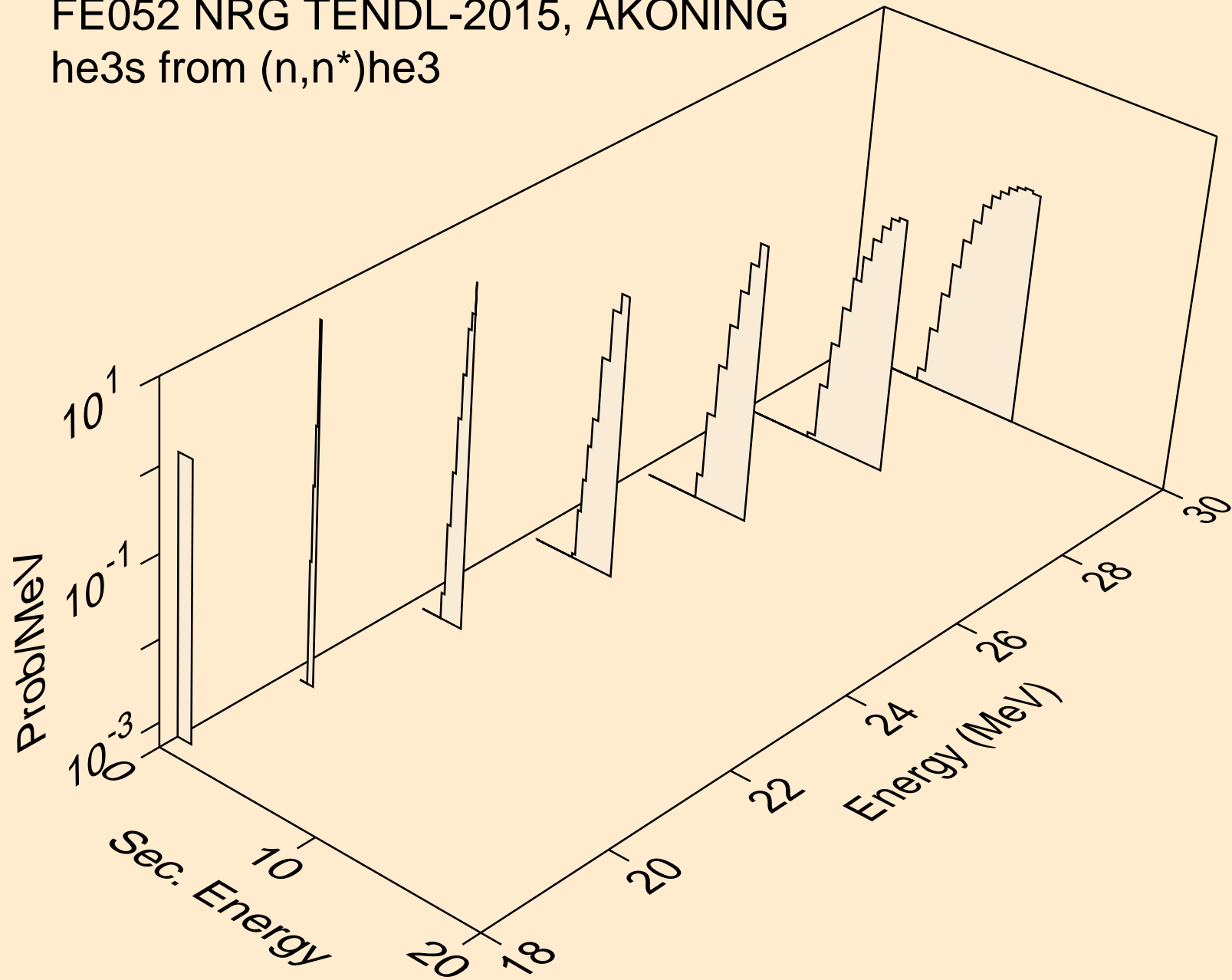
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tritons from (n,pt)



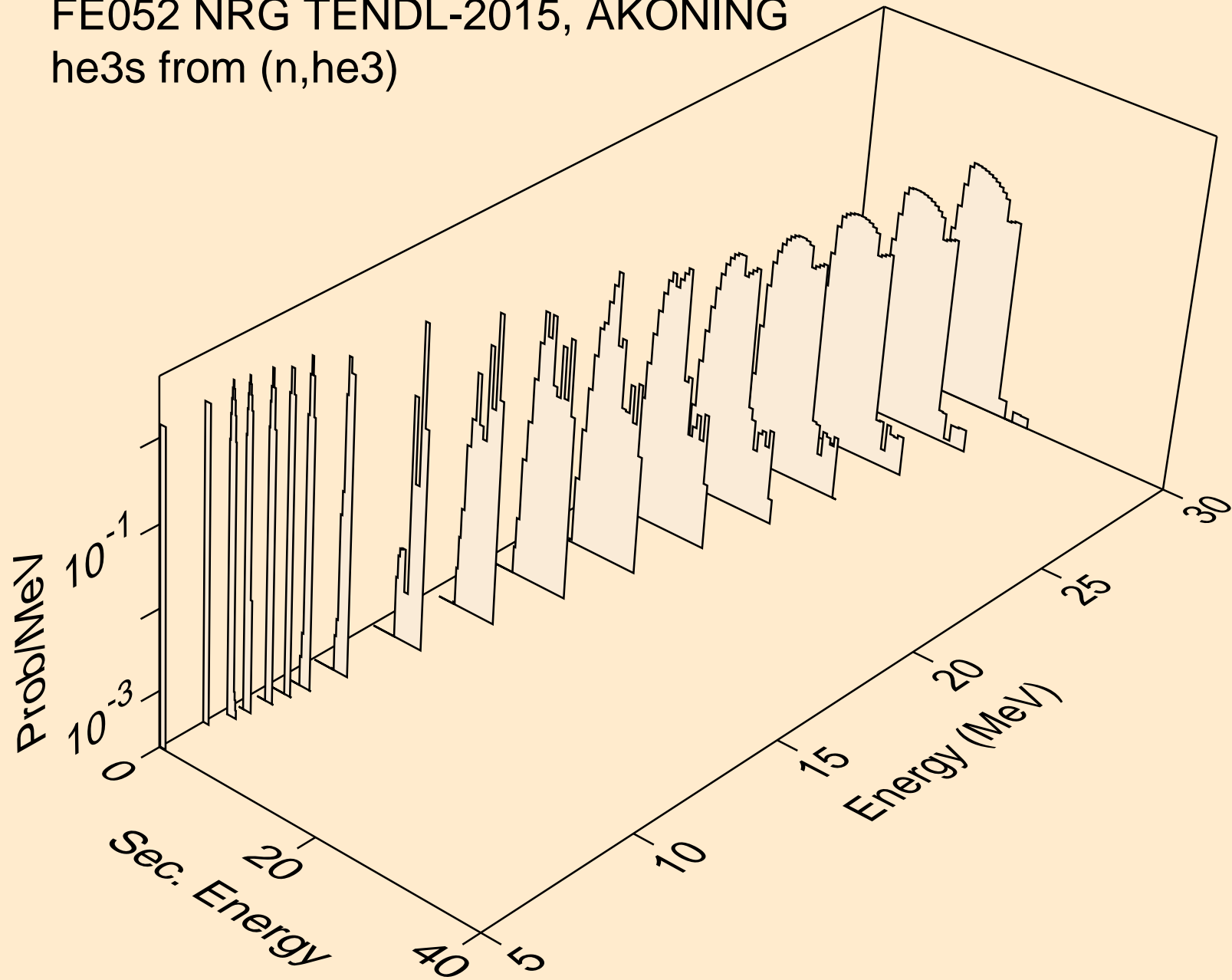
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he3s from (n,x)



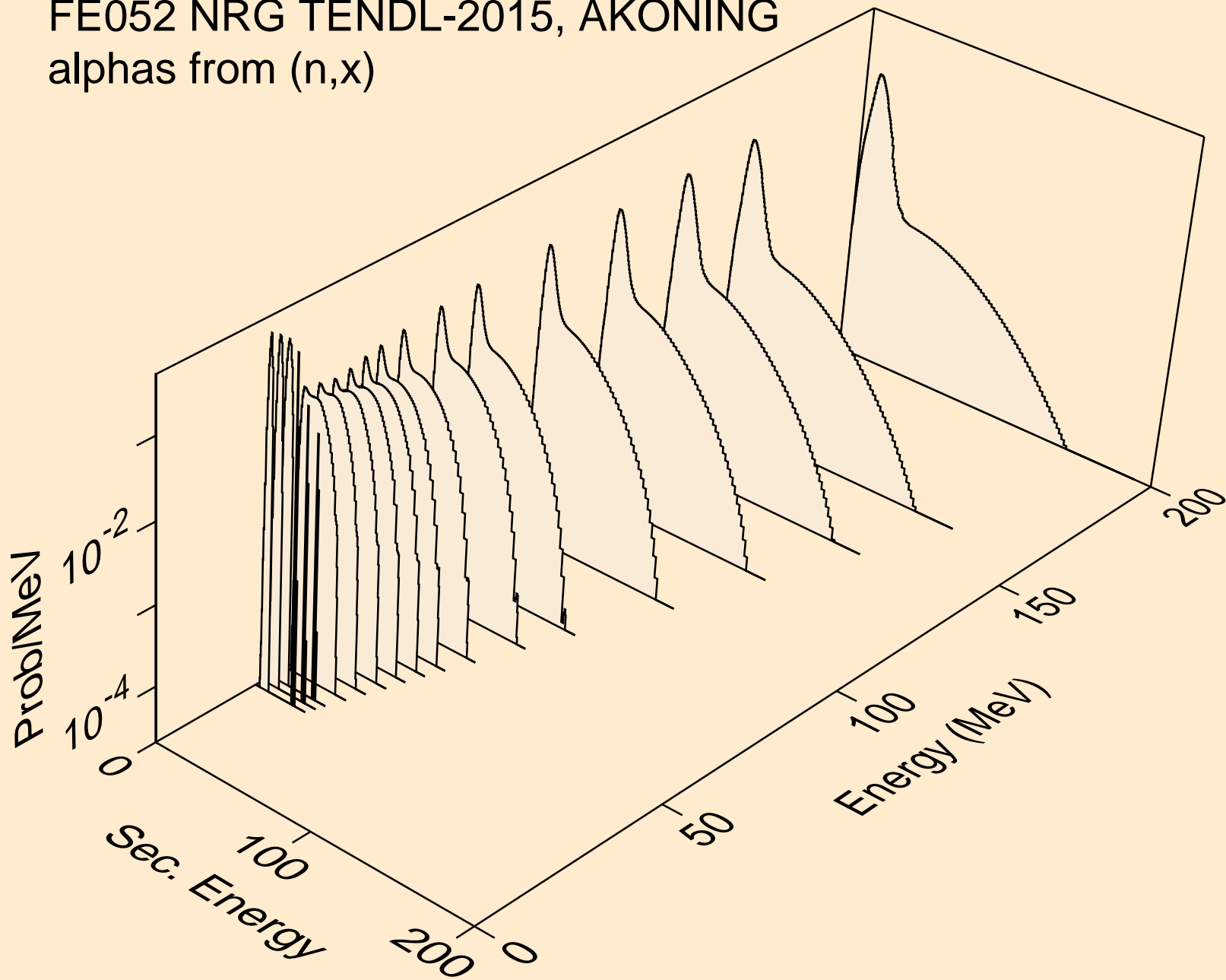
FE052 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



FE052 NRG TENDL-2015, AKONING  
he3s from (n,he3)

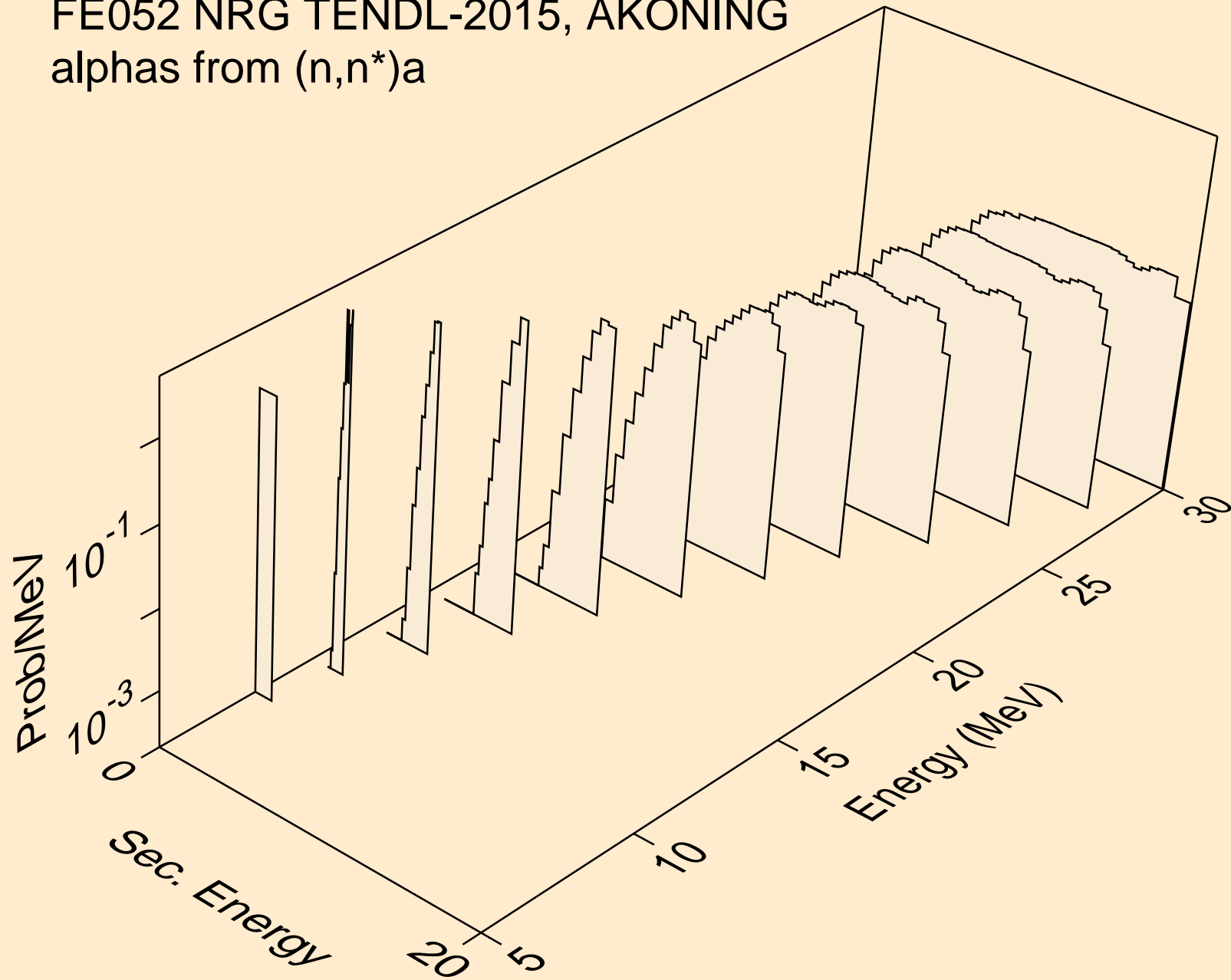


FE052 NRG TENDL-2015, AKONING  
alphas from (n,x)

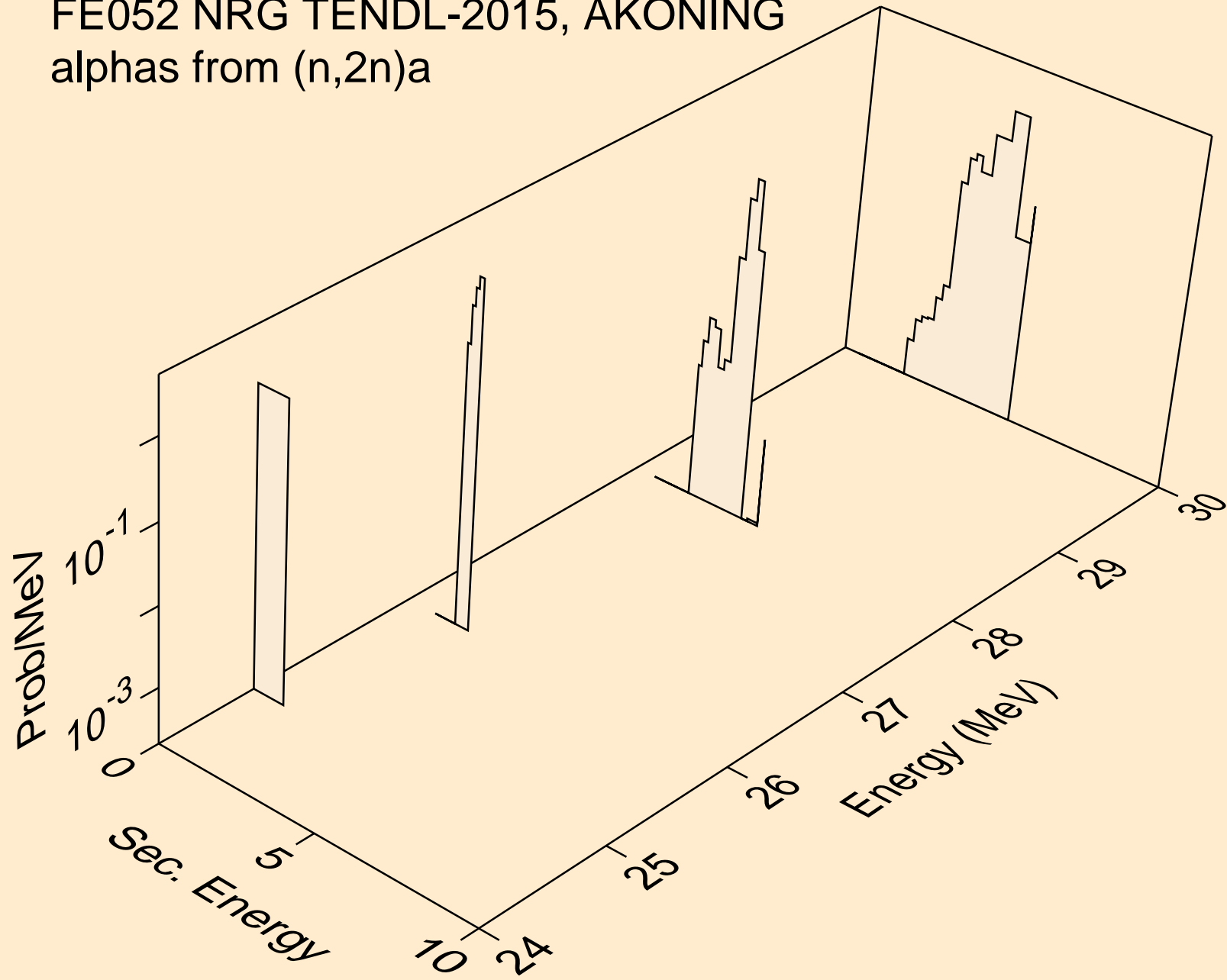




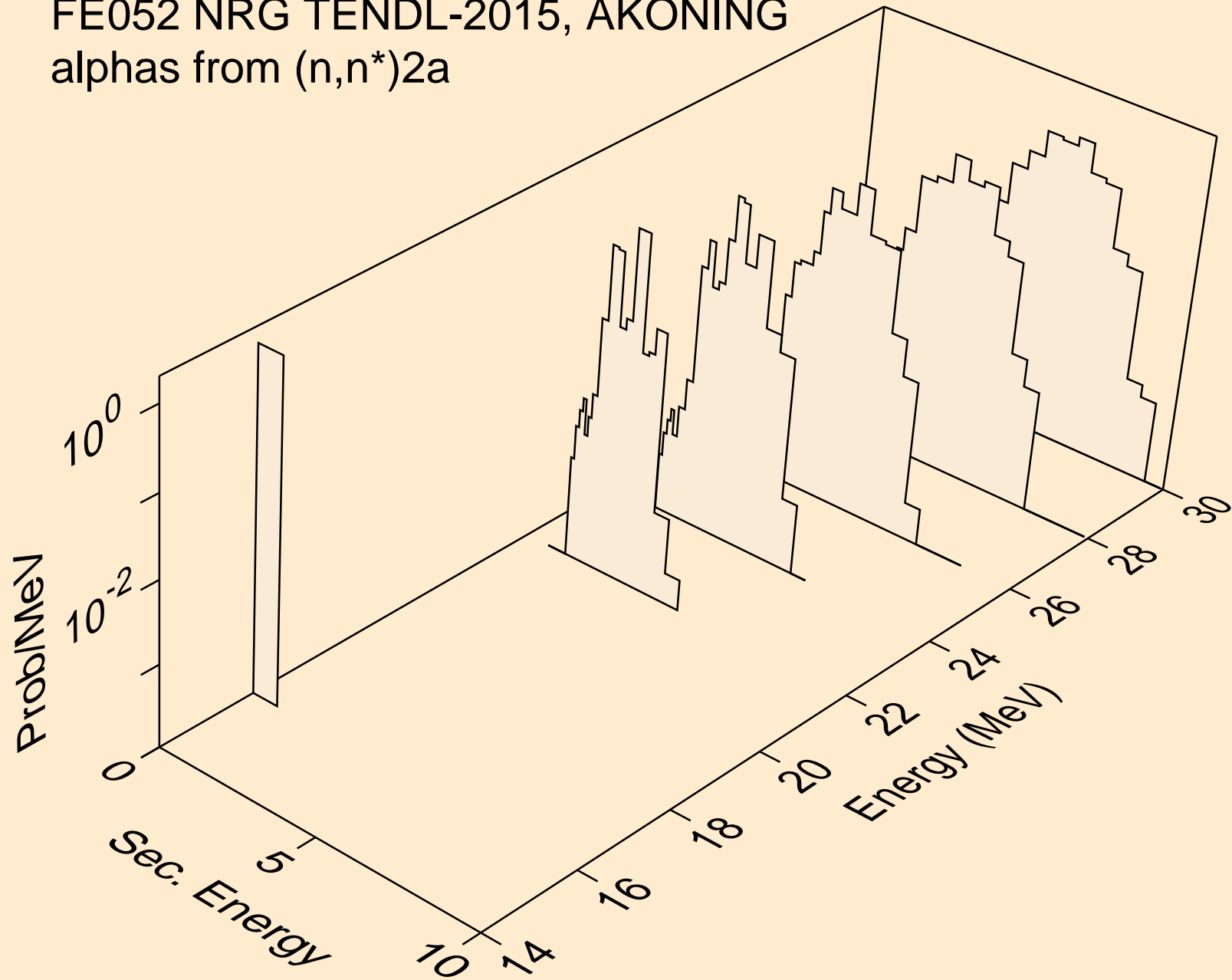
FE052 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



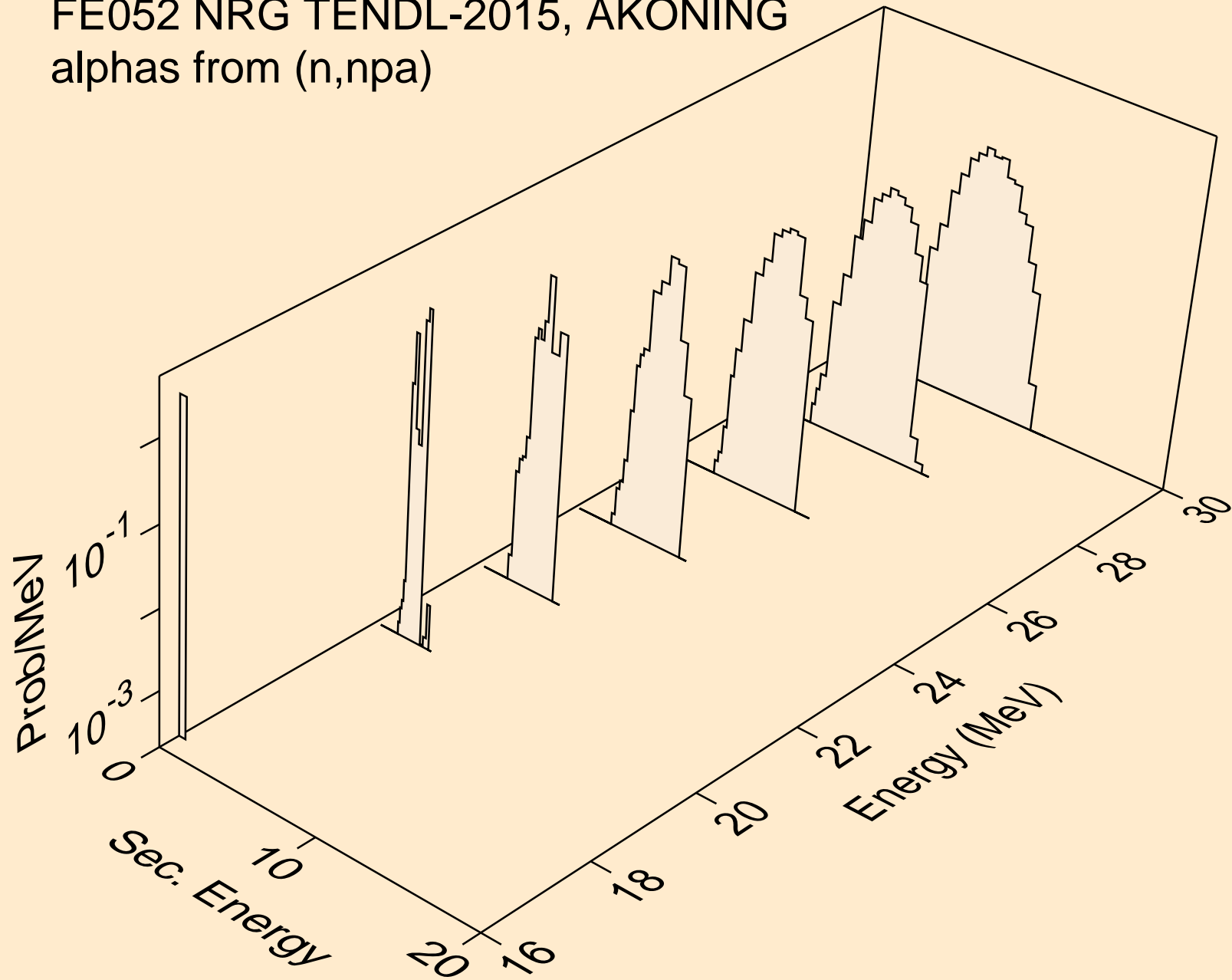
FE052 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



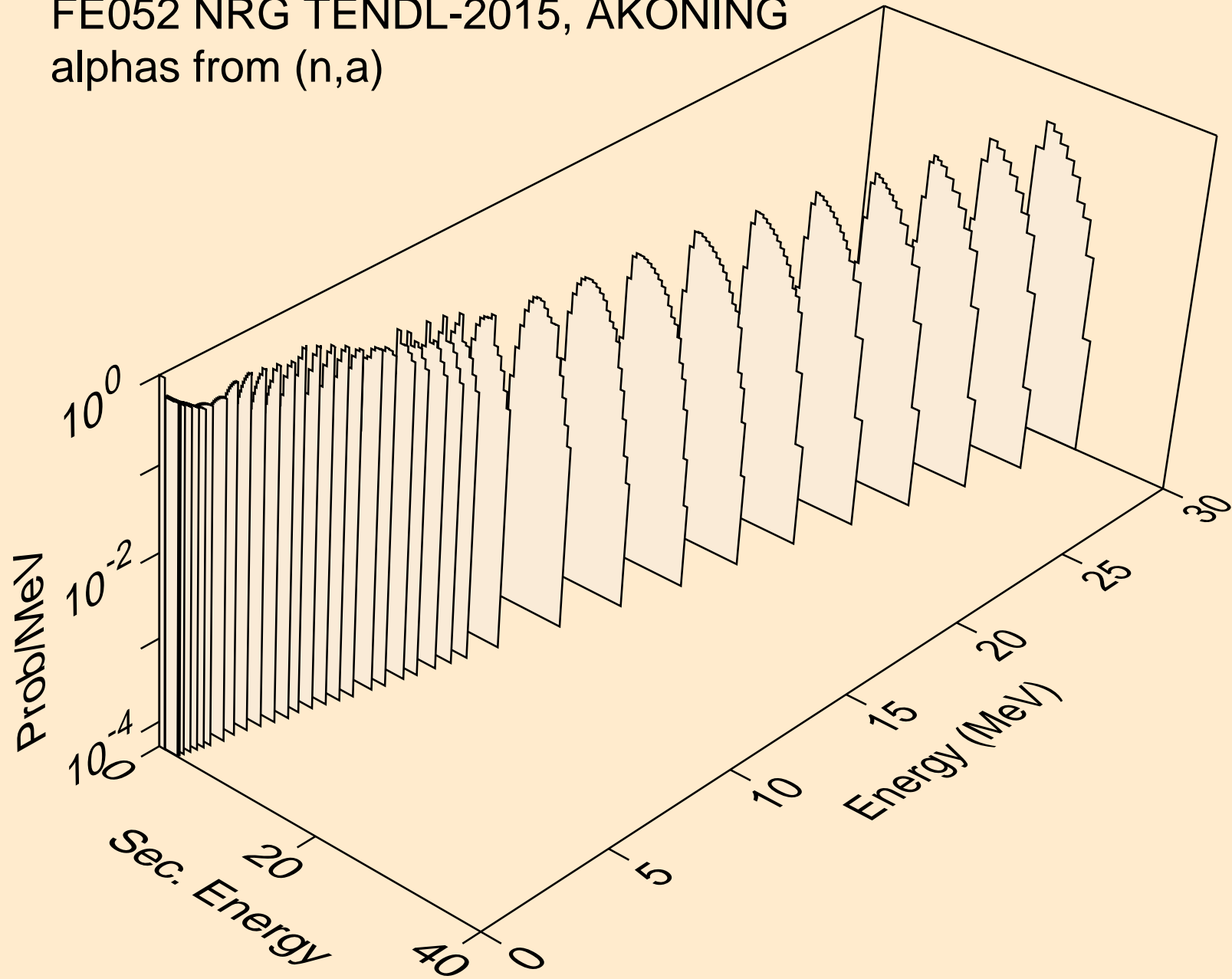
FE052 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



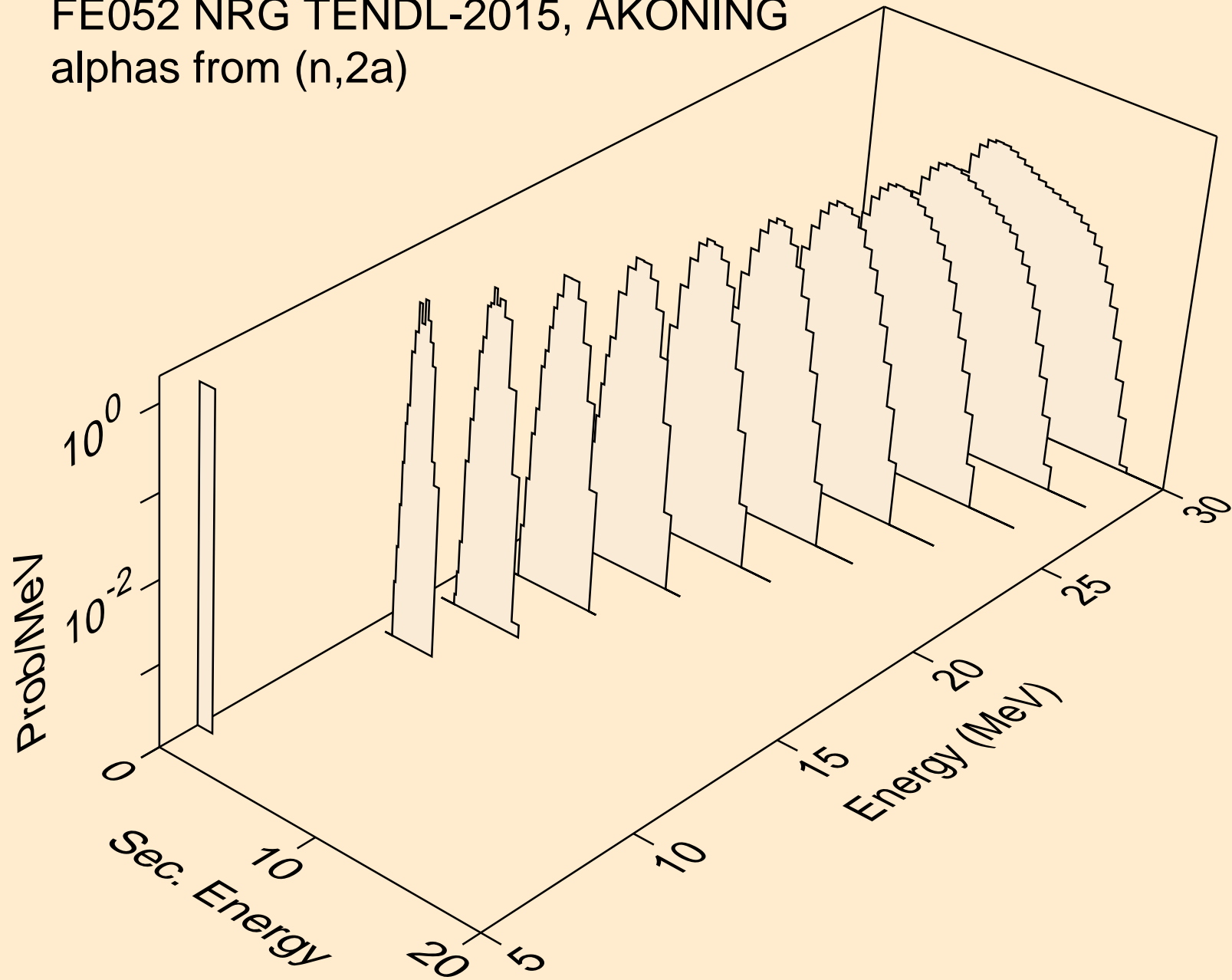
FE052 NRG TENDL-2015, AKONING  
alphas from (n,npa)



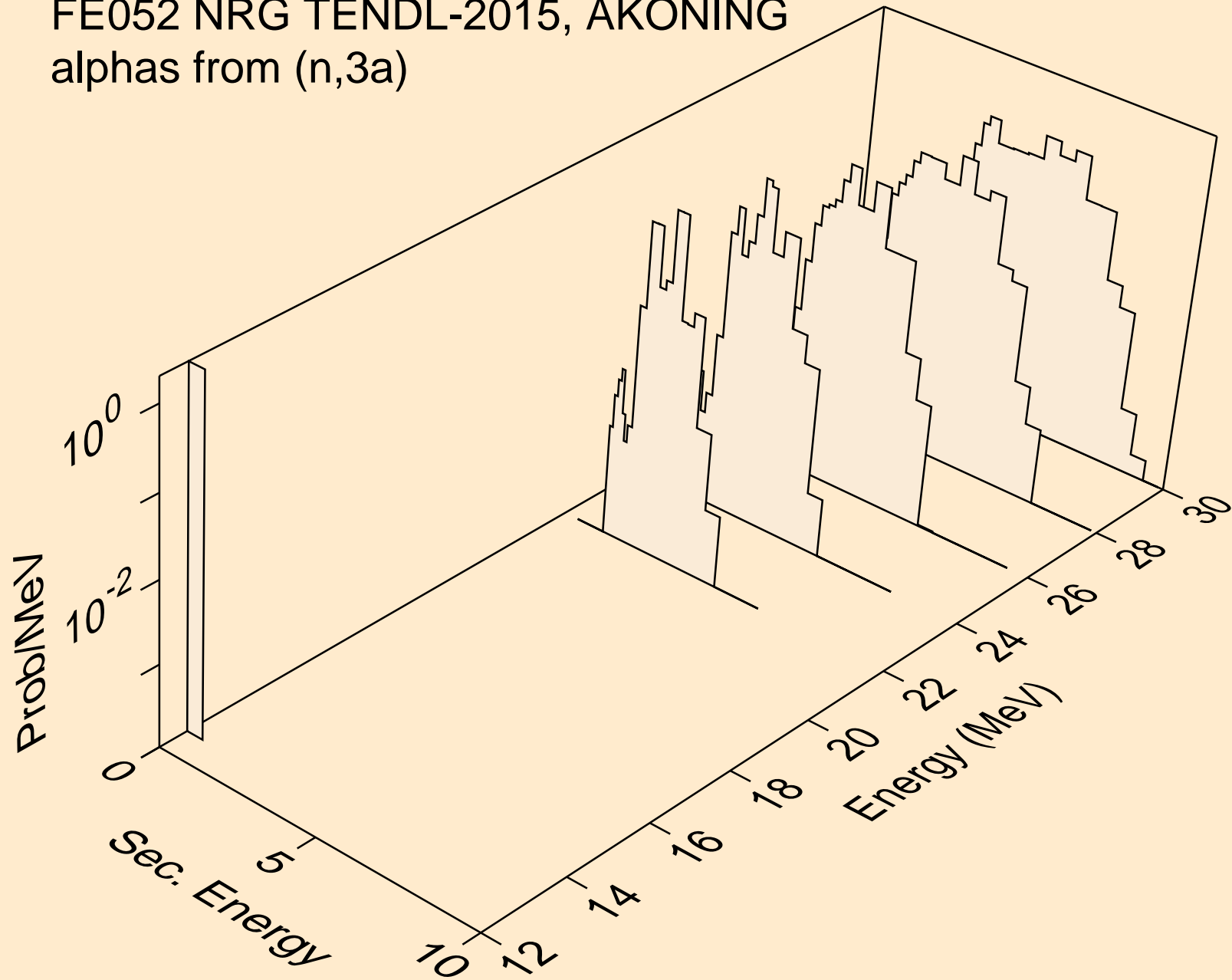
FE052 NRG TENDL-2015, AKONING  
alphas from (n,a)



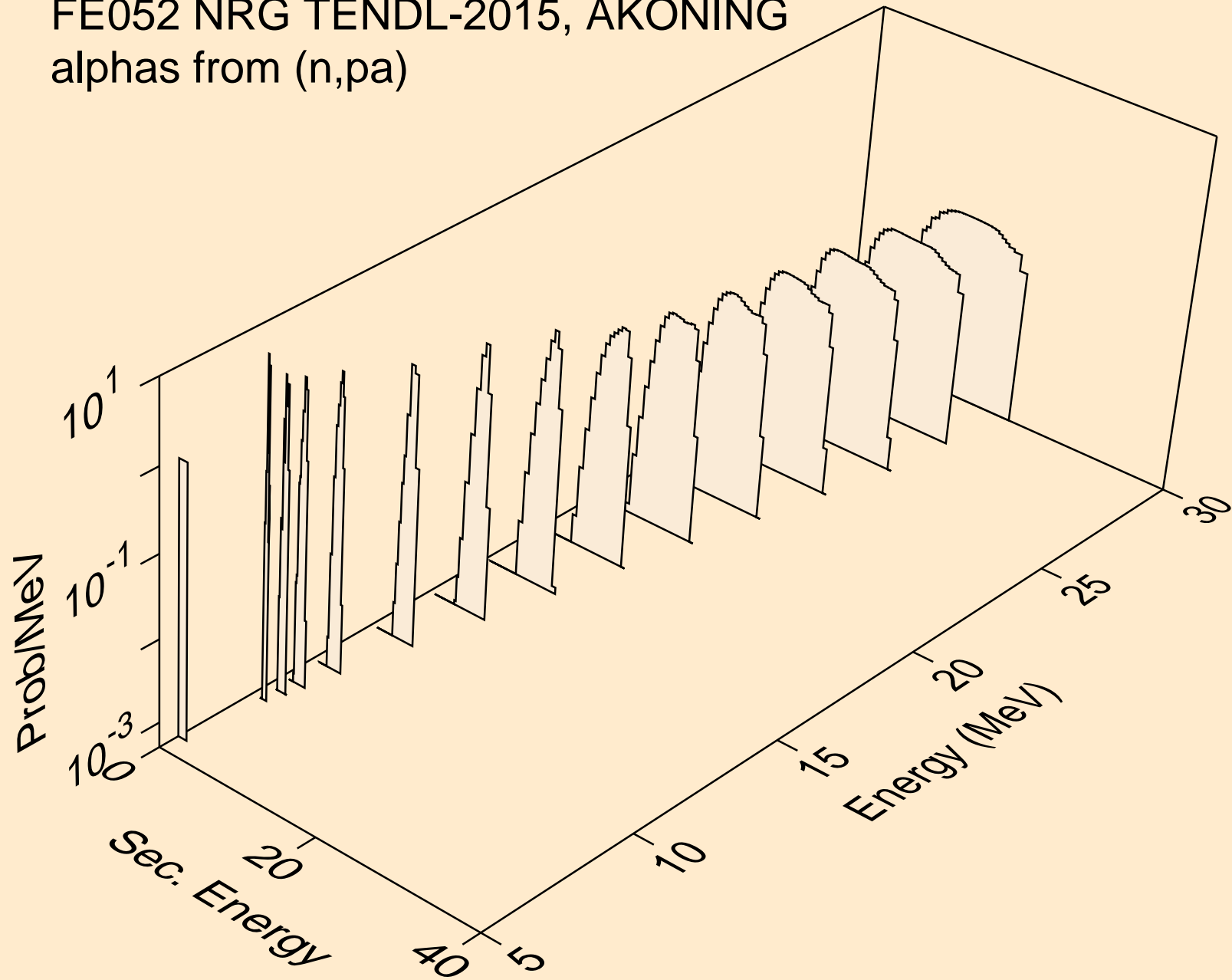
FE052 NRG TENDL-2015, AKONING  
alphas from (n,2a)



FE052 NRG TENDL-2015, AKONING  
alphas from (n,3a)



FE052 NRG TENDL-2015, AKONING  
alphas from (n,pa)





FE052 NRG TENDL-2015, AKONING  
alphas from (n,da)

