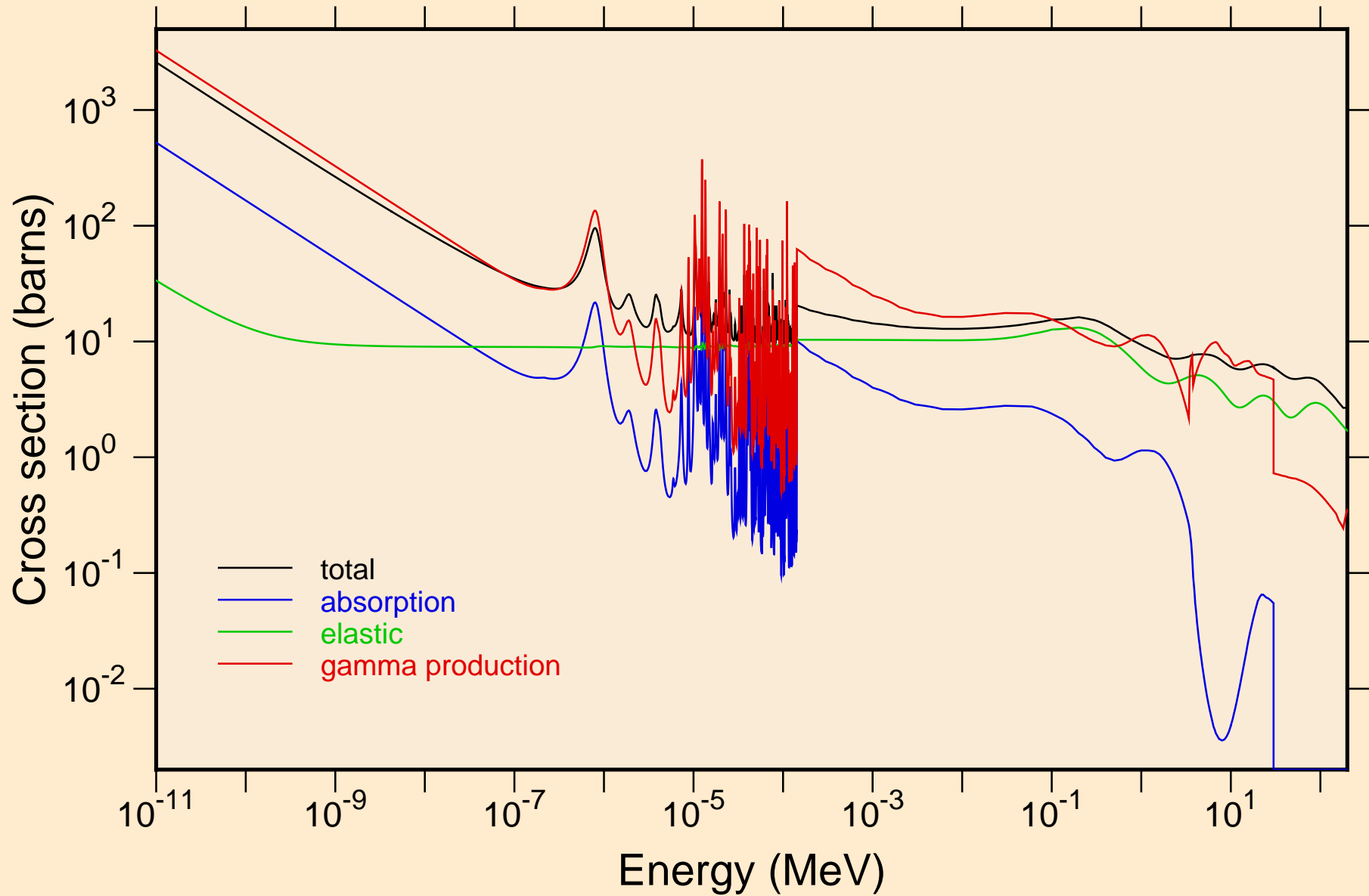
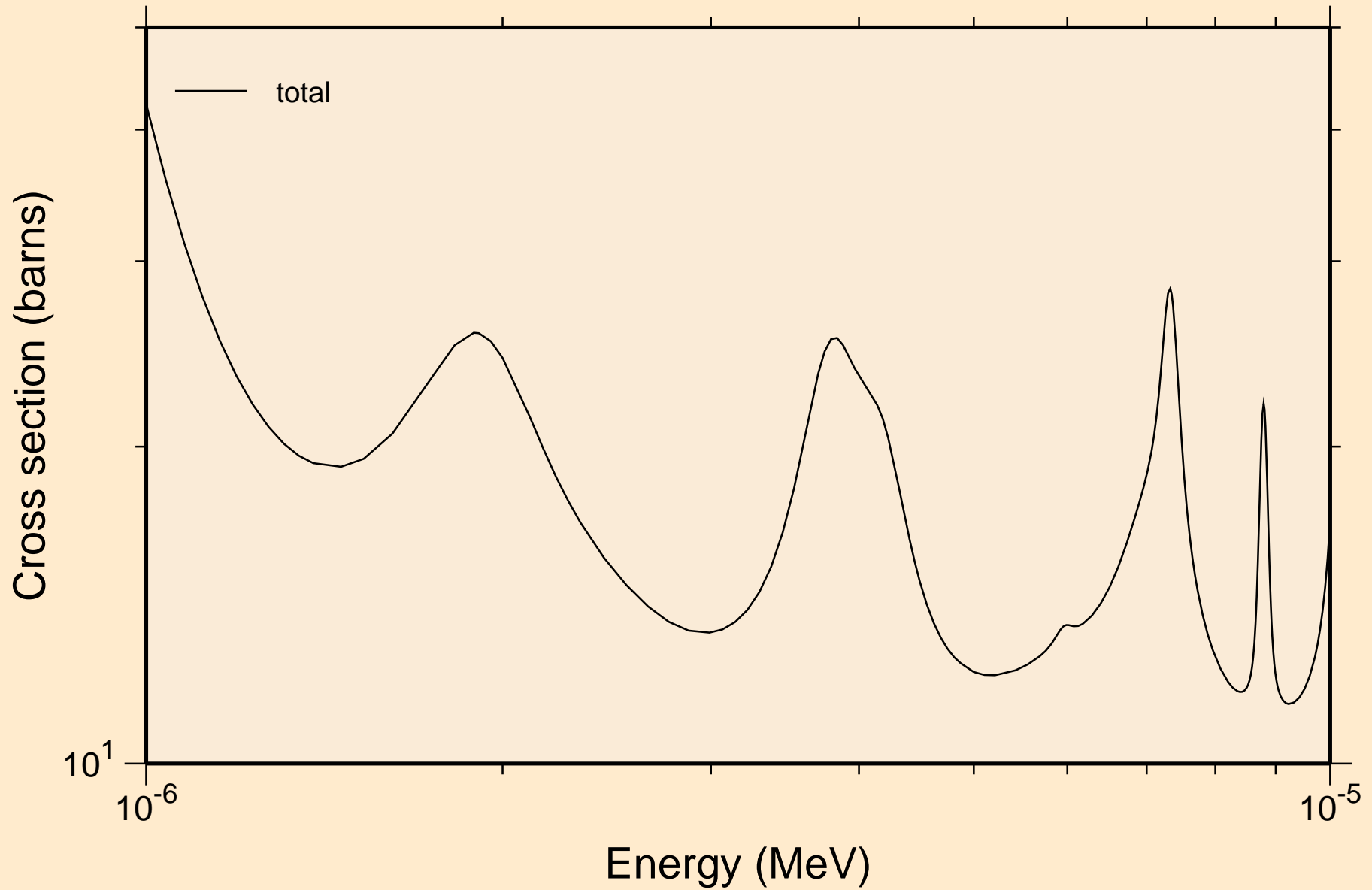


# NO253 NRG TENDL-2015, AKONING

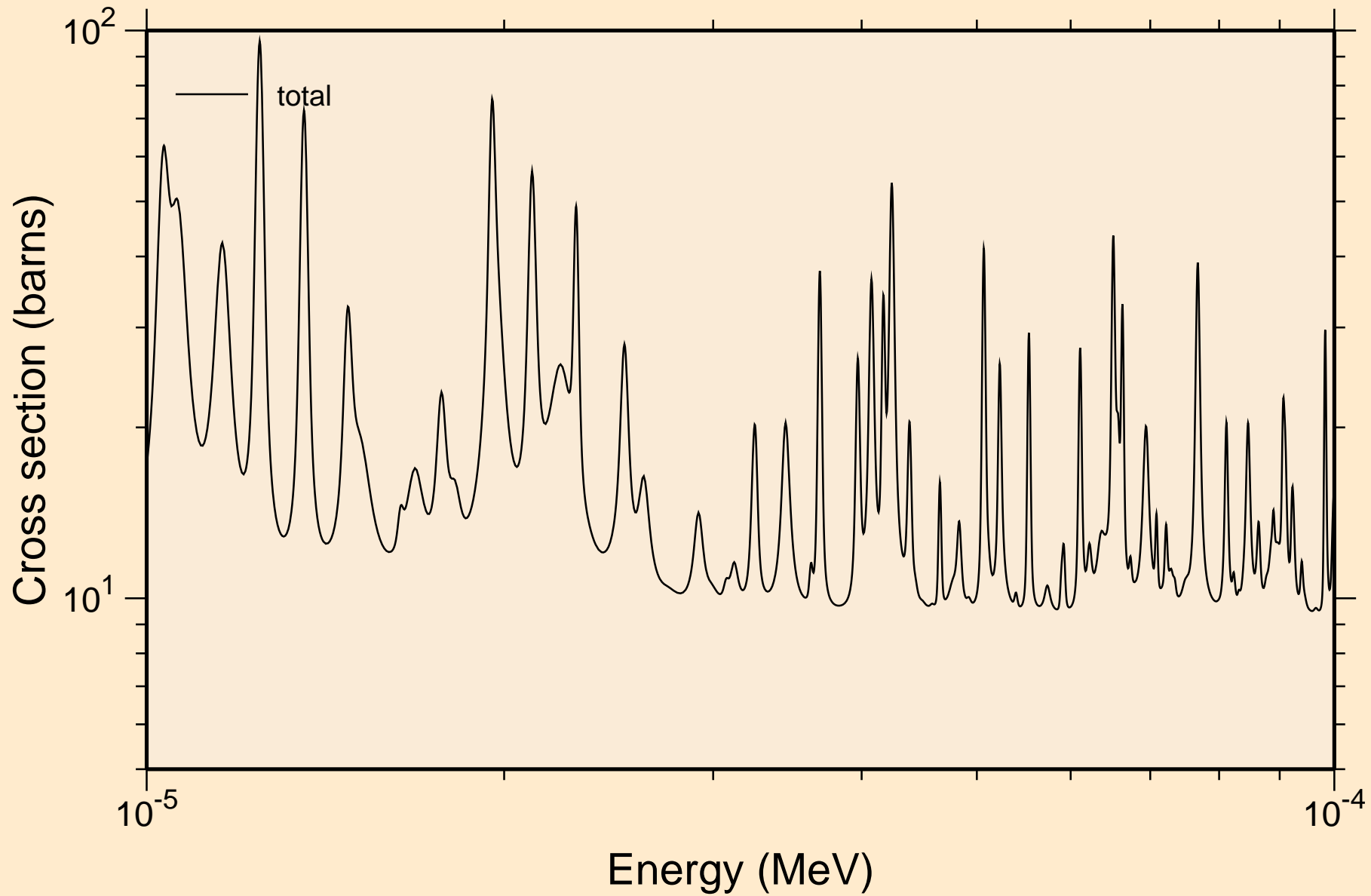
## Principal cross sections



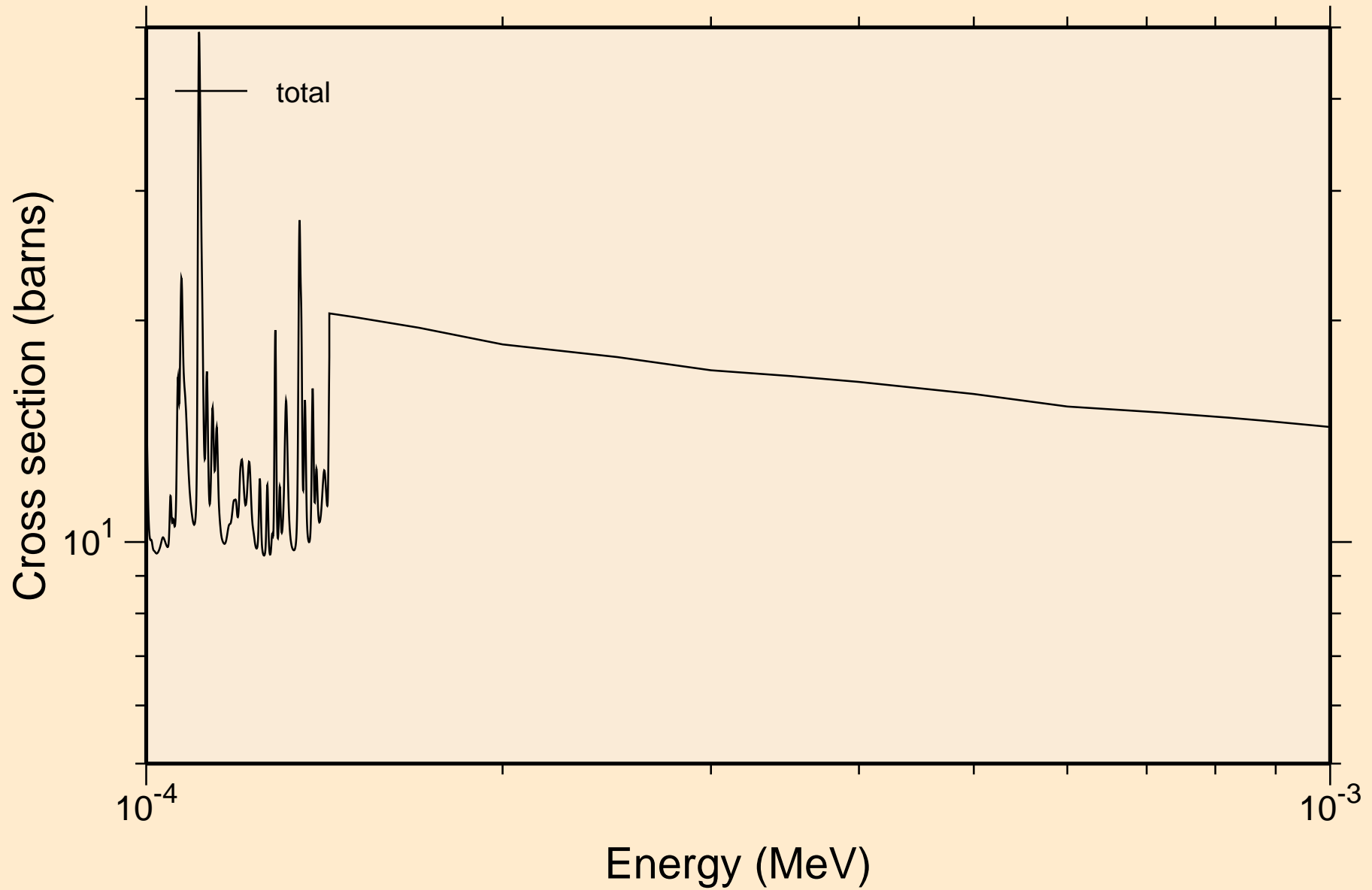
NO253 NRG TENDL-2015, AKONING  
resonance total cross section



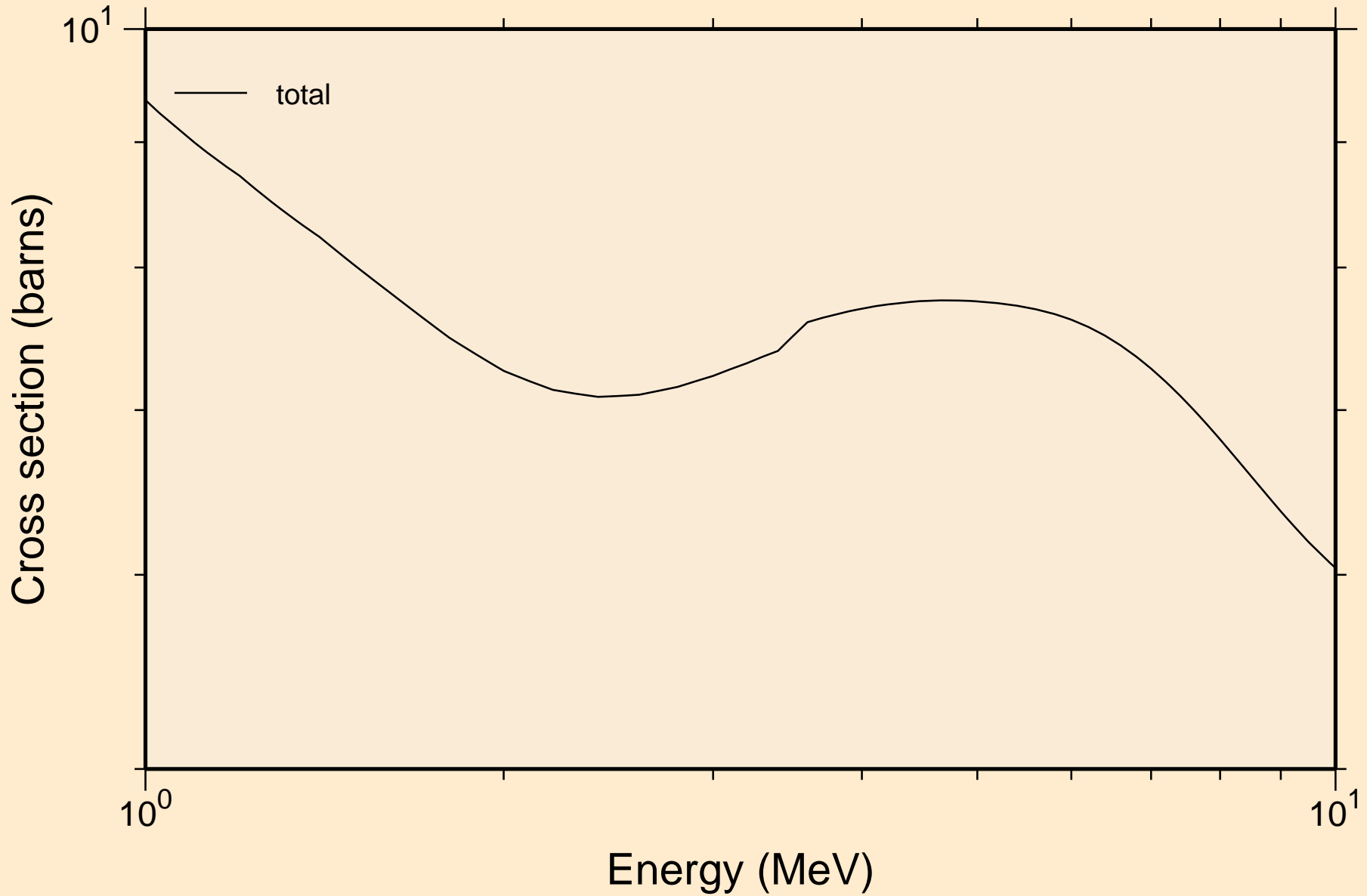
NO253 NRG TENDL-2015, AKONING  
resonance total cross section



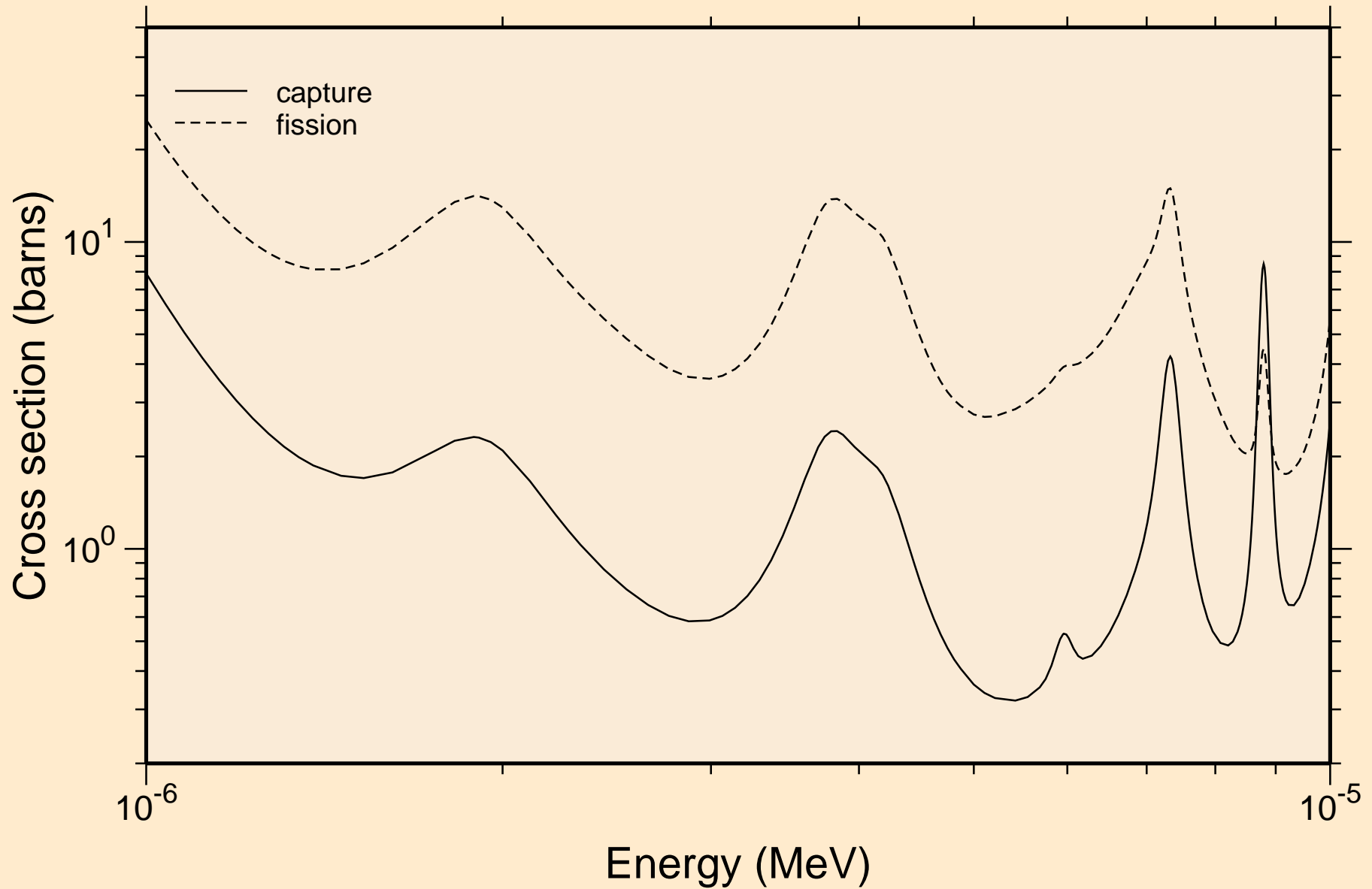
NO253 NRG TENDL-2015, AKONING  
resonance total cross section



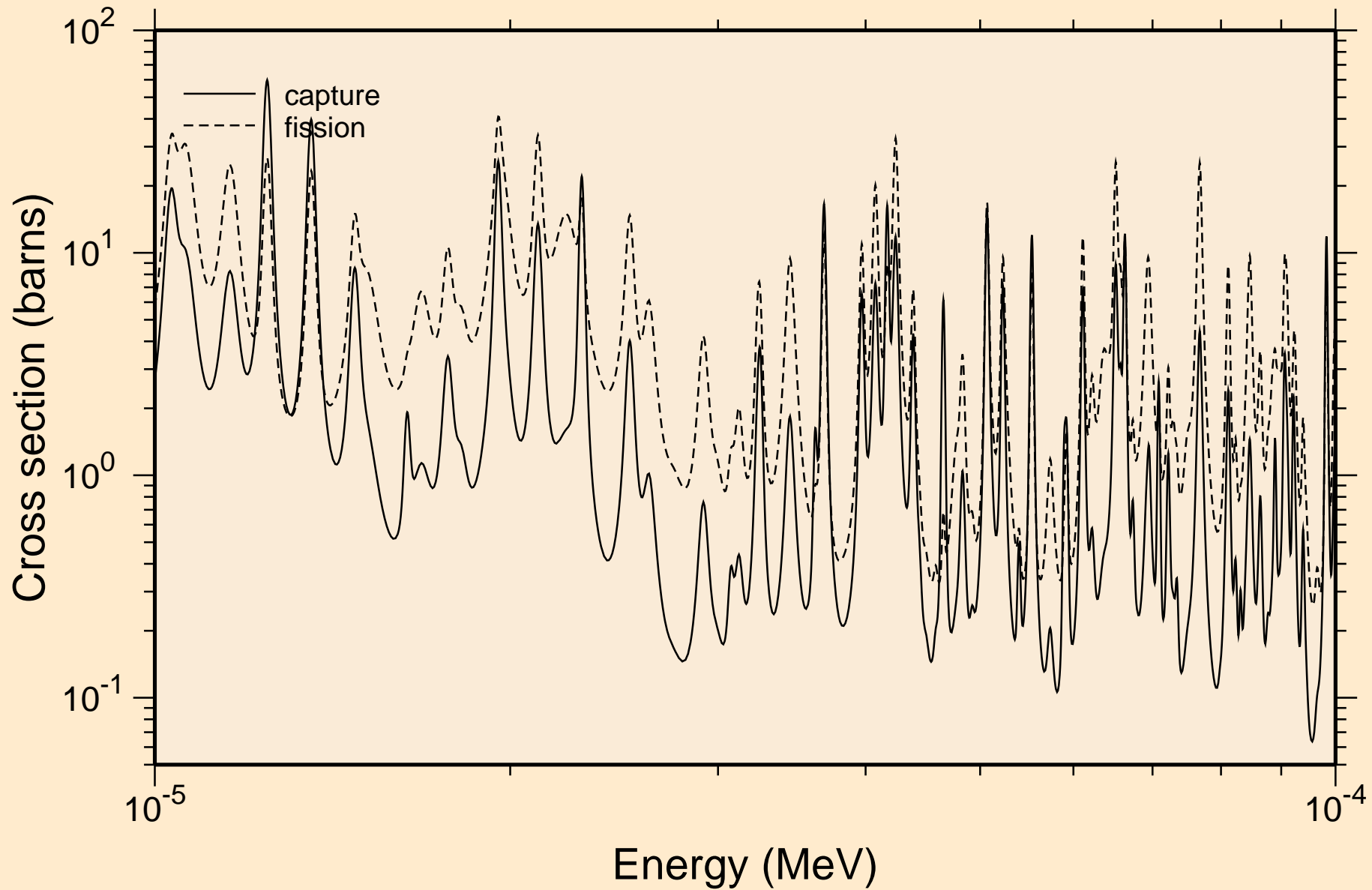
NO253 NRG TENDL-2015, AKONING  
resonance total cross section



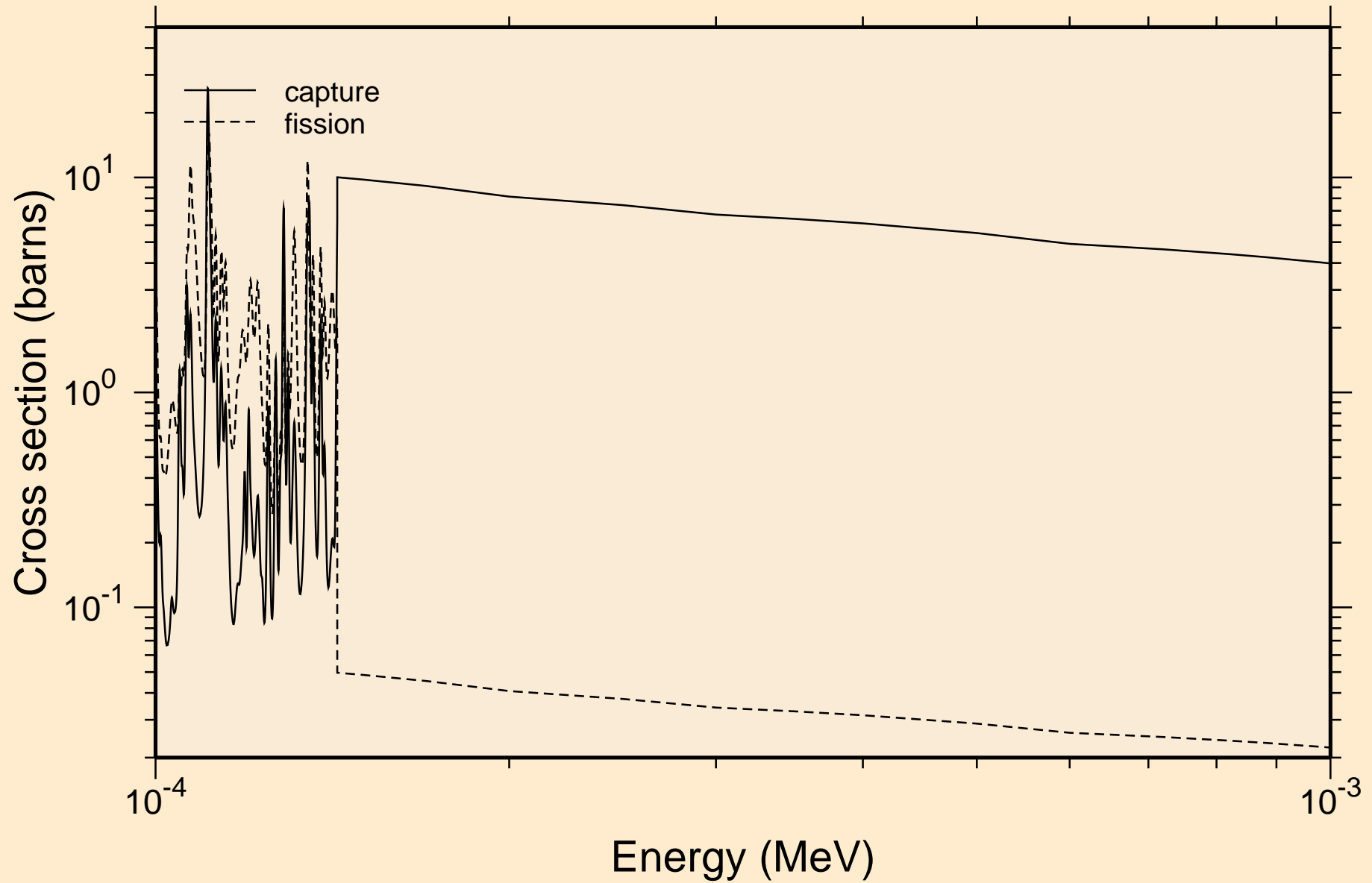
NO253 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# NO253 NRG TENDL-2015, AKONING resonance absorption cross sections

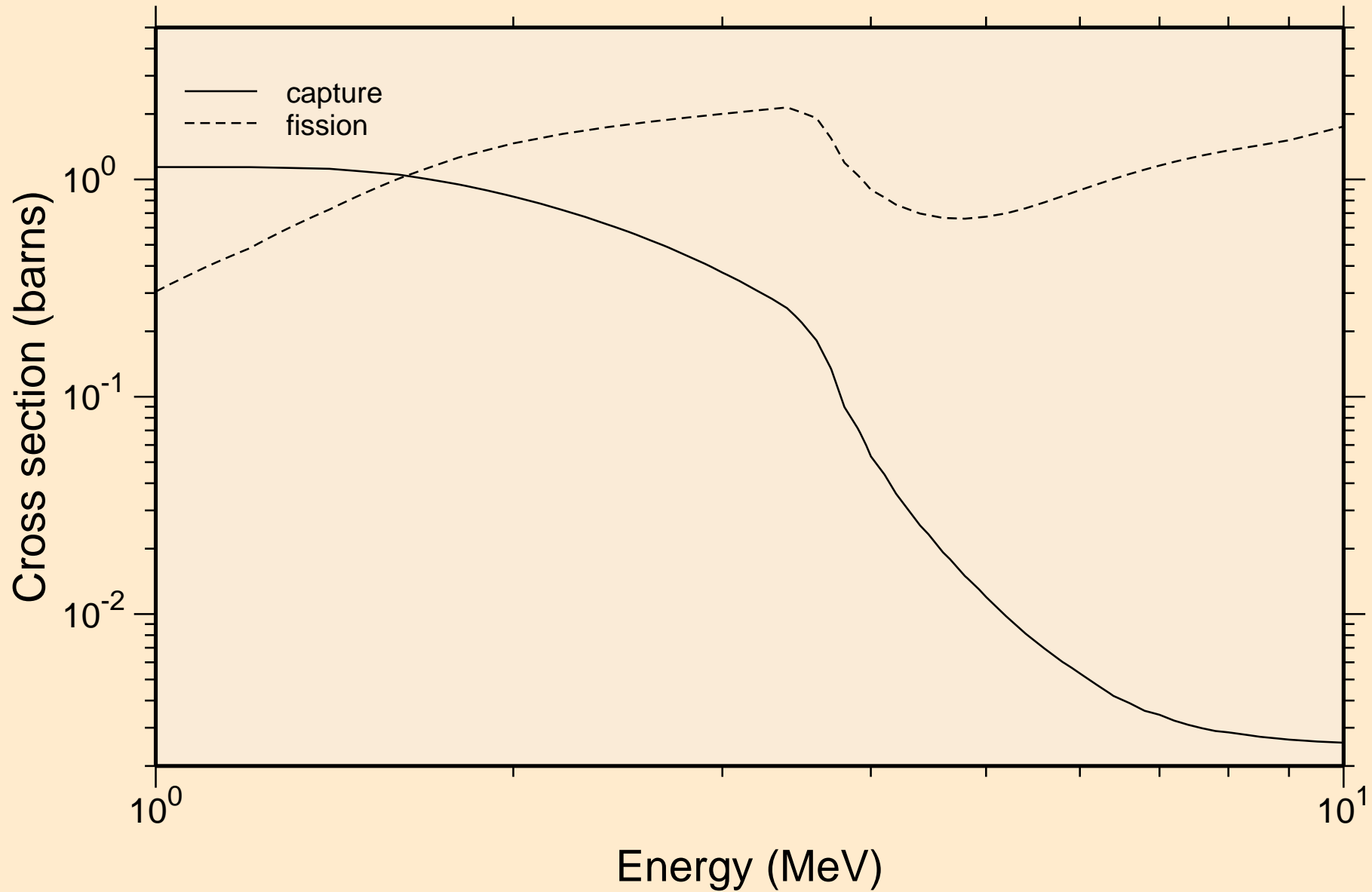


# NO253 NRG TENDL-2015, AKONING resonance absorption cross sections



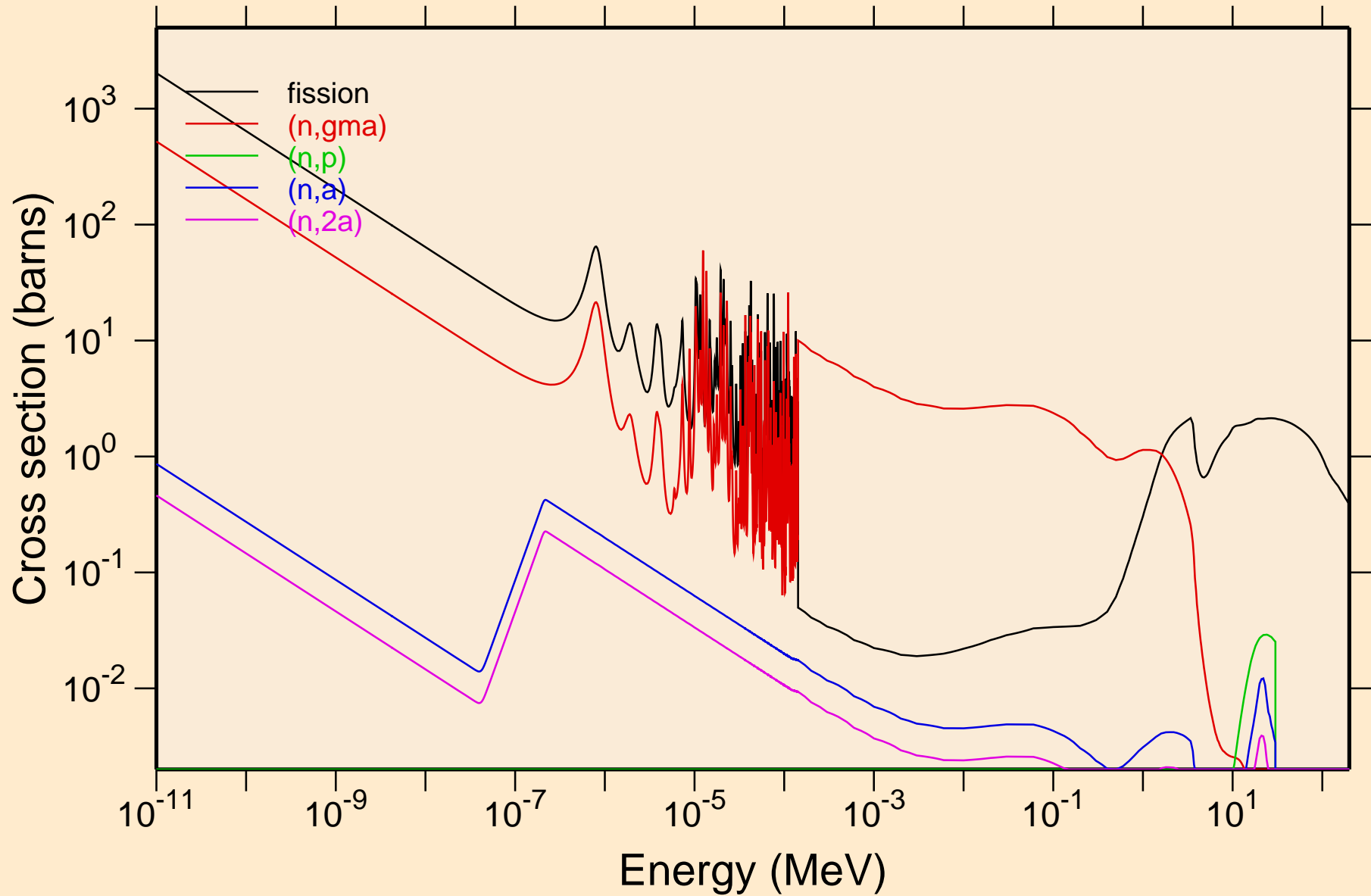


NO253 NRG TENDL-2015, AKONING  
resonance absorption cross sections

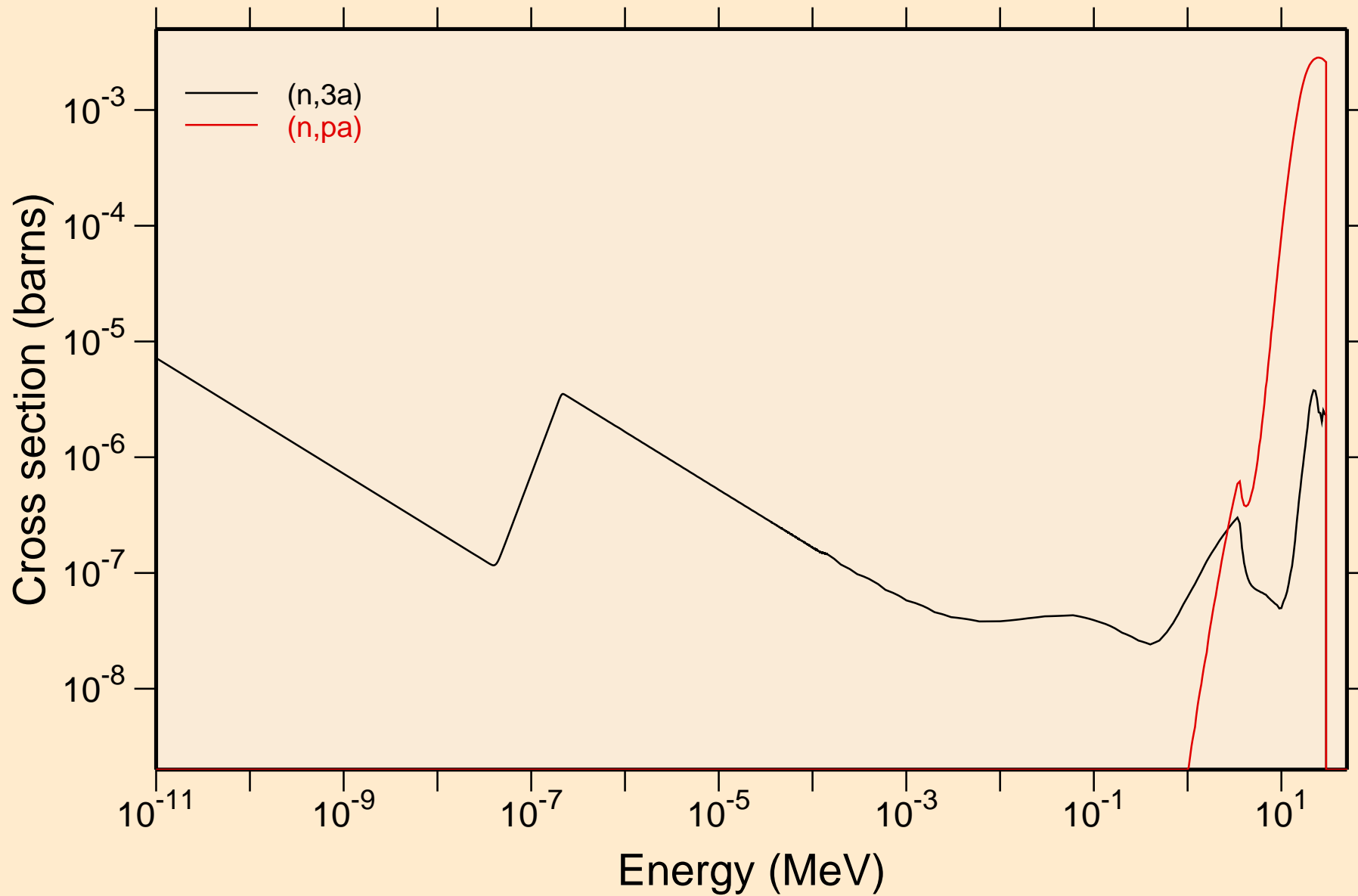


# NO253 NRG TENDL-2015, AKONING

## Non-threshold reactions

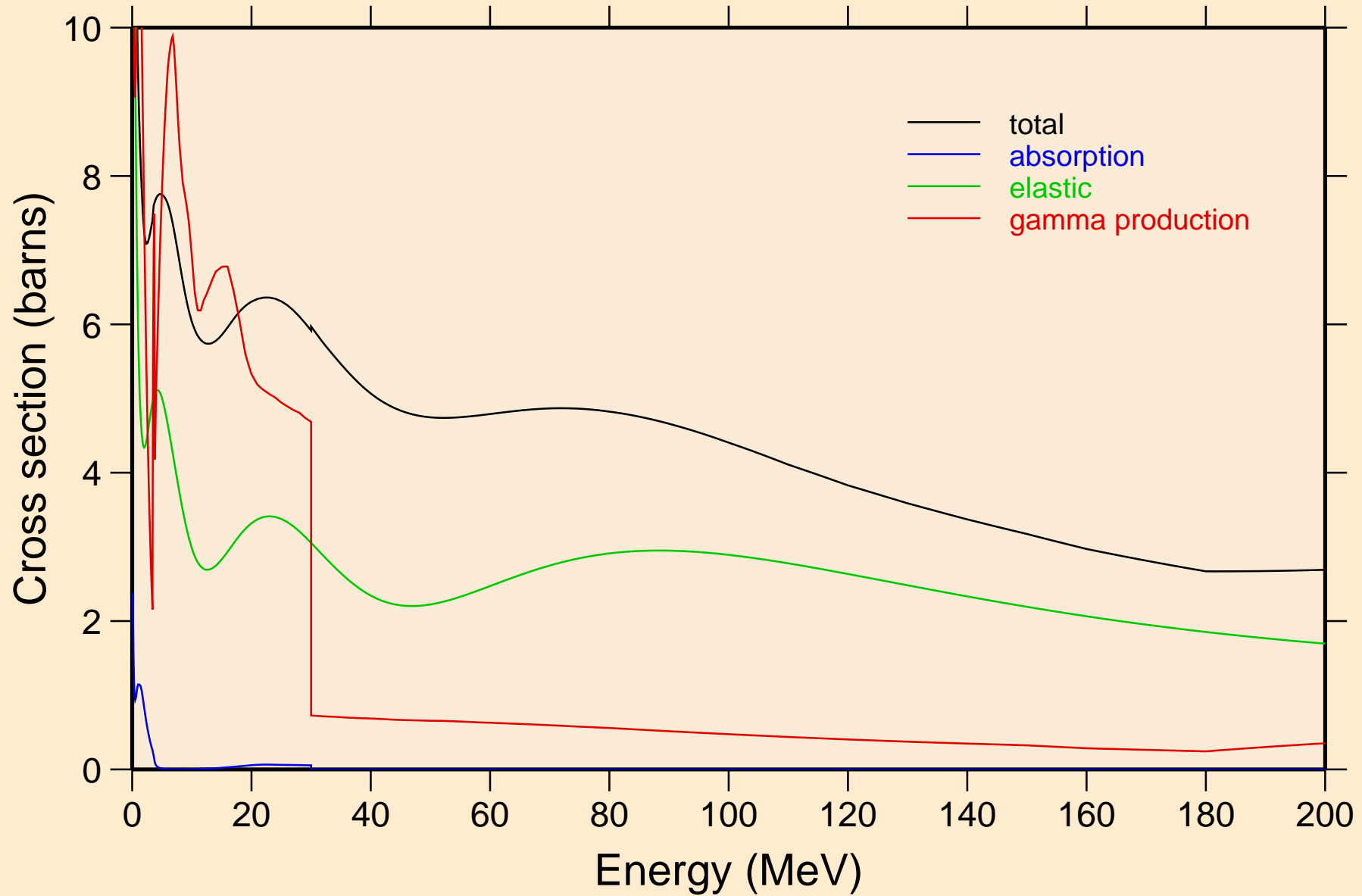


NO253 NRG TENDL-2015, AKONING  
Non-threshold reactions



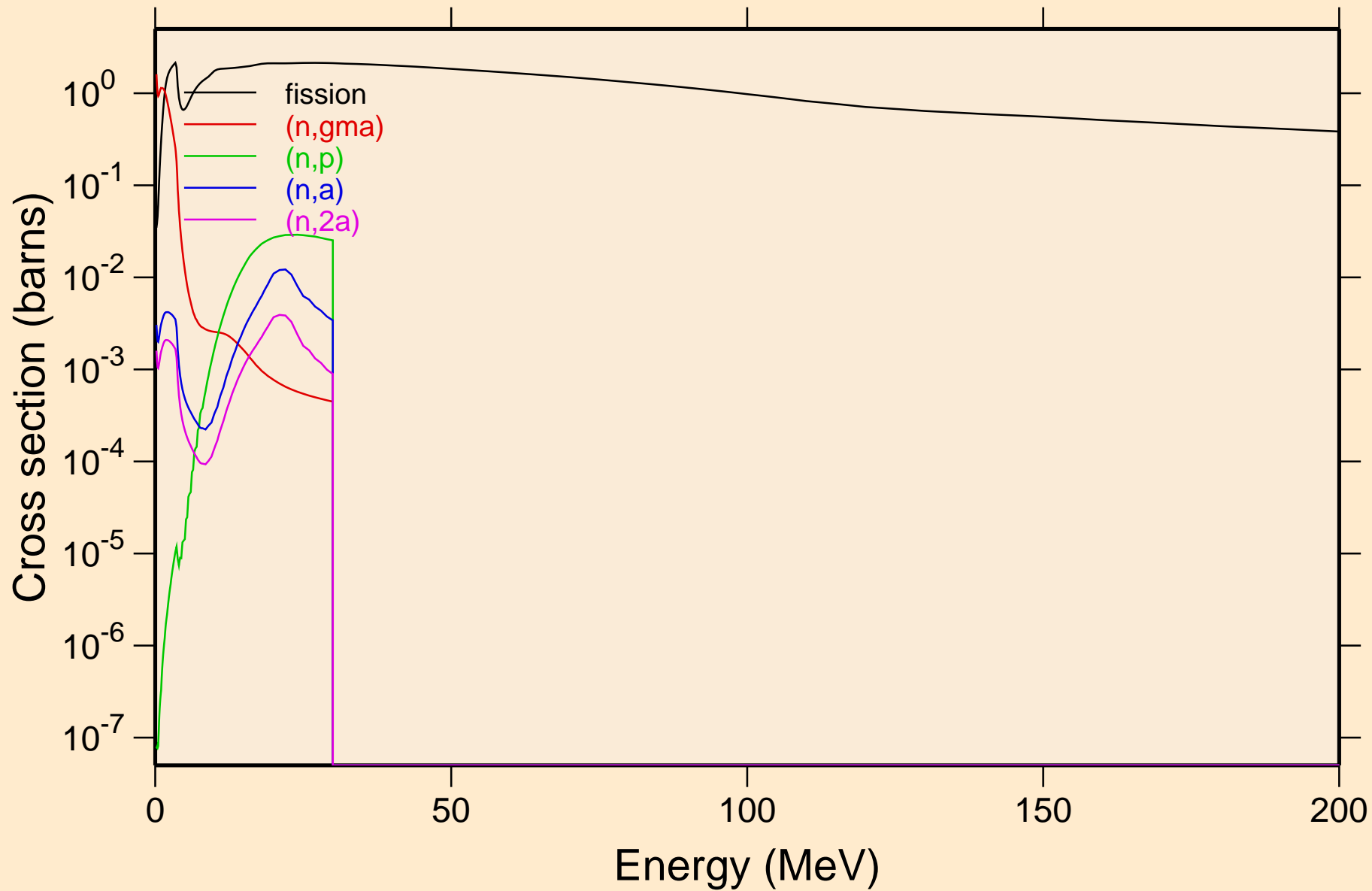
# NO253 NRG TENDL-2015, AKONING

## Principal cross sections

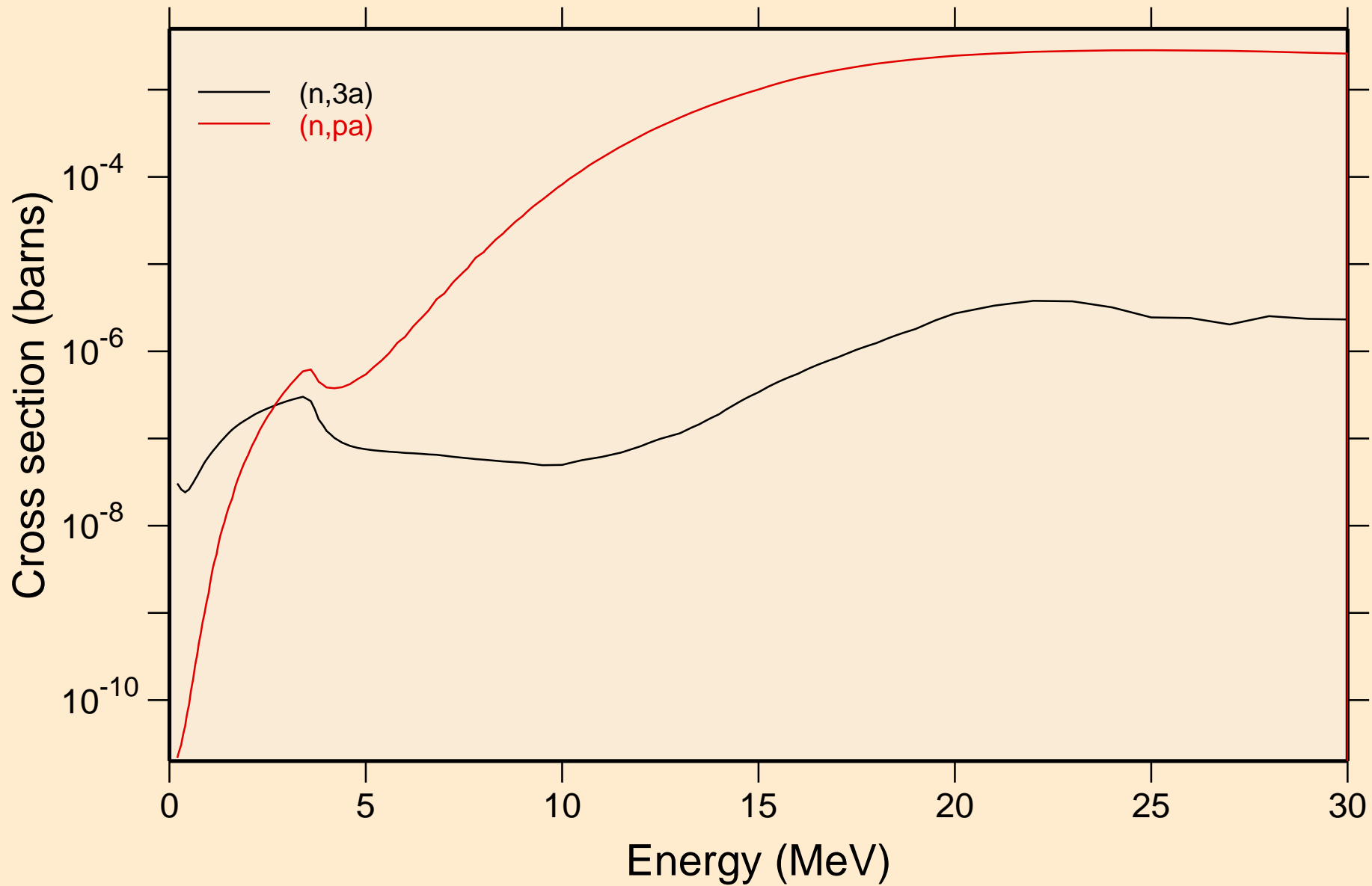


# NO253 NRG TENDL-2015, AKONING

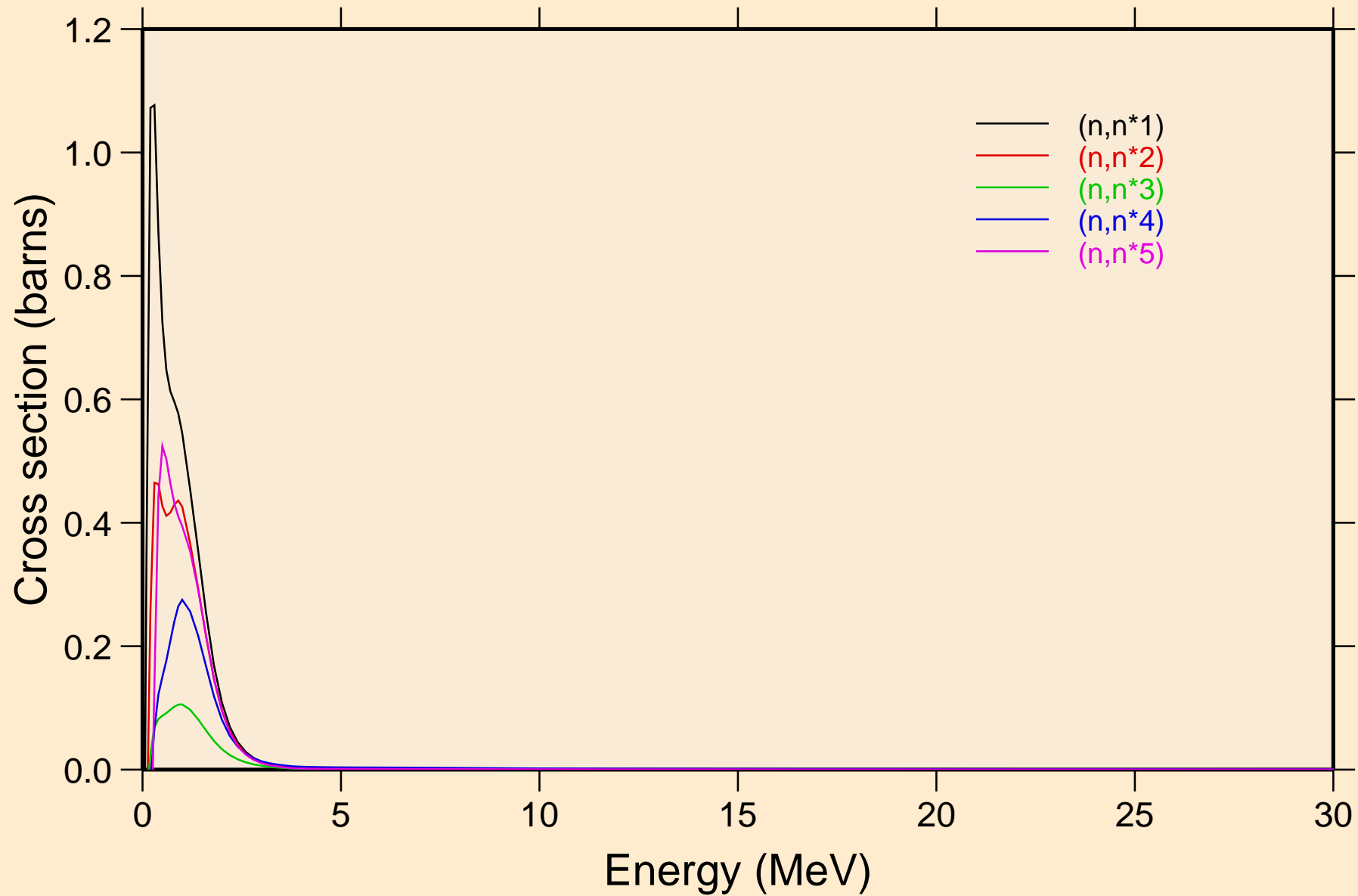
## Non-threshold reactions



NO253 NRG TENDL-2015, AKONING  
Non-threshold reactions

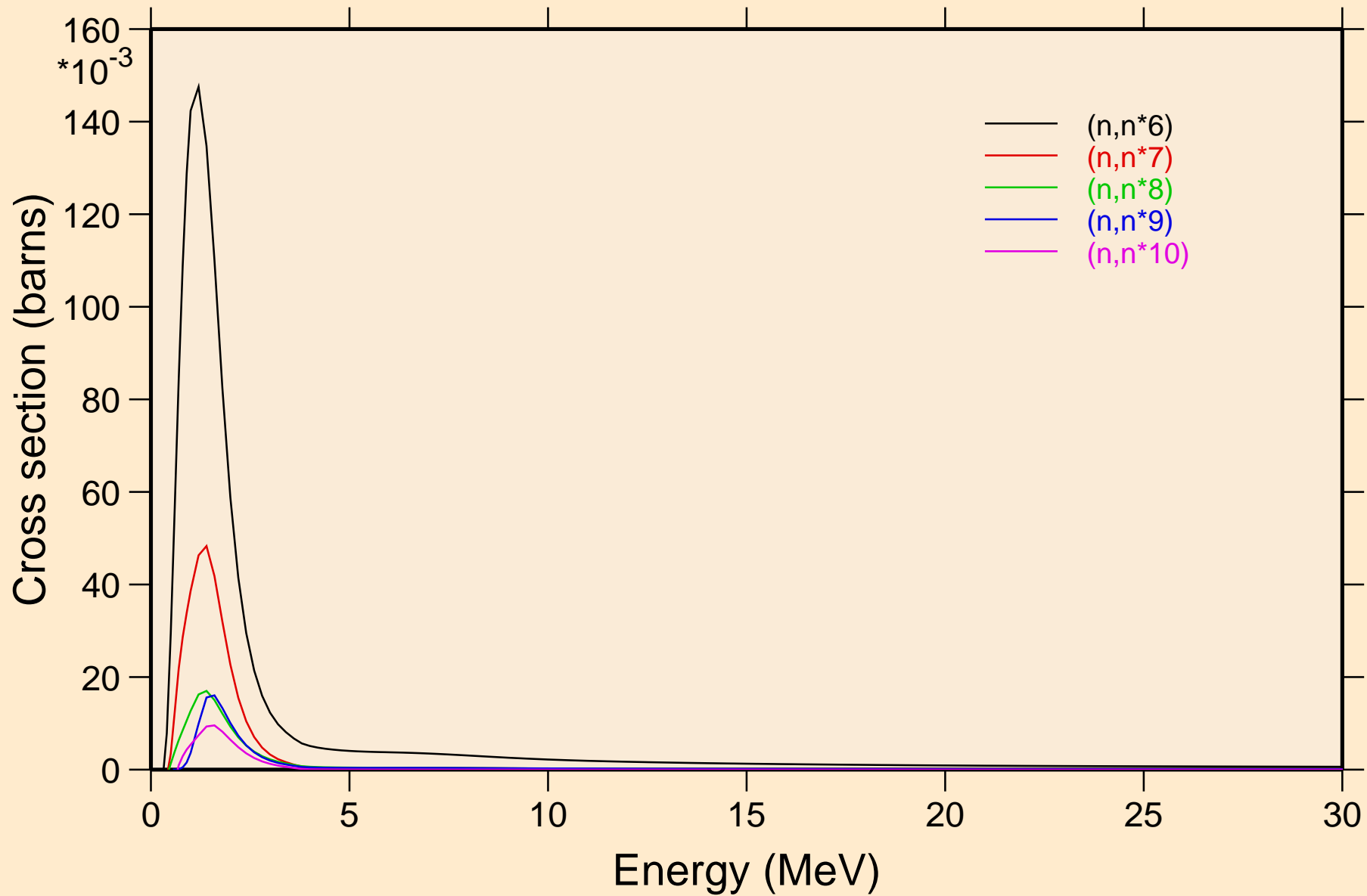


NO253 NRG TENDL-2015, AKONING  
Inelastic levels



# NO253 NRG TENDL-2015, AKONING

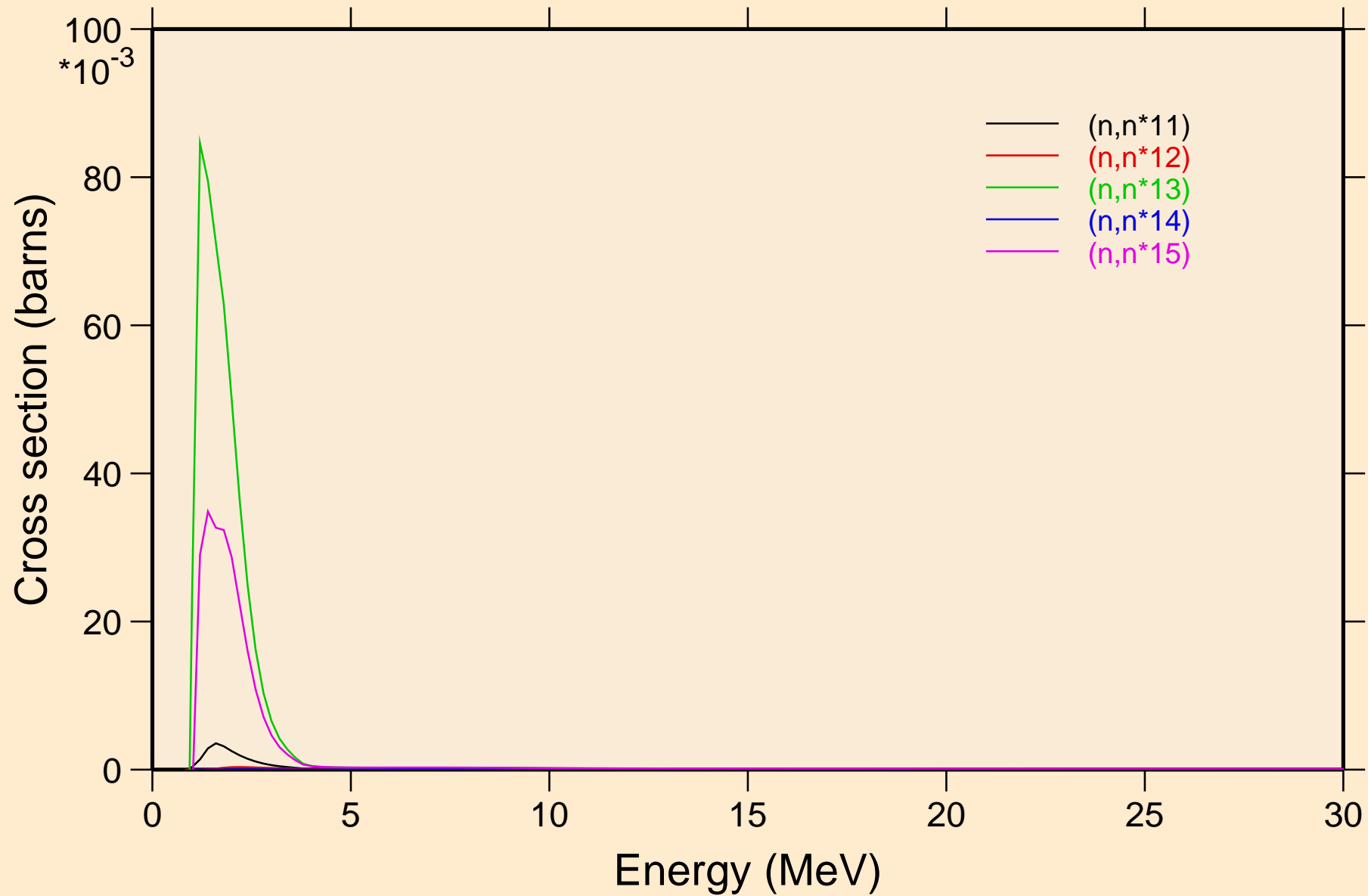
## Inelastic levels



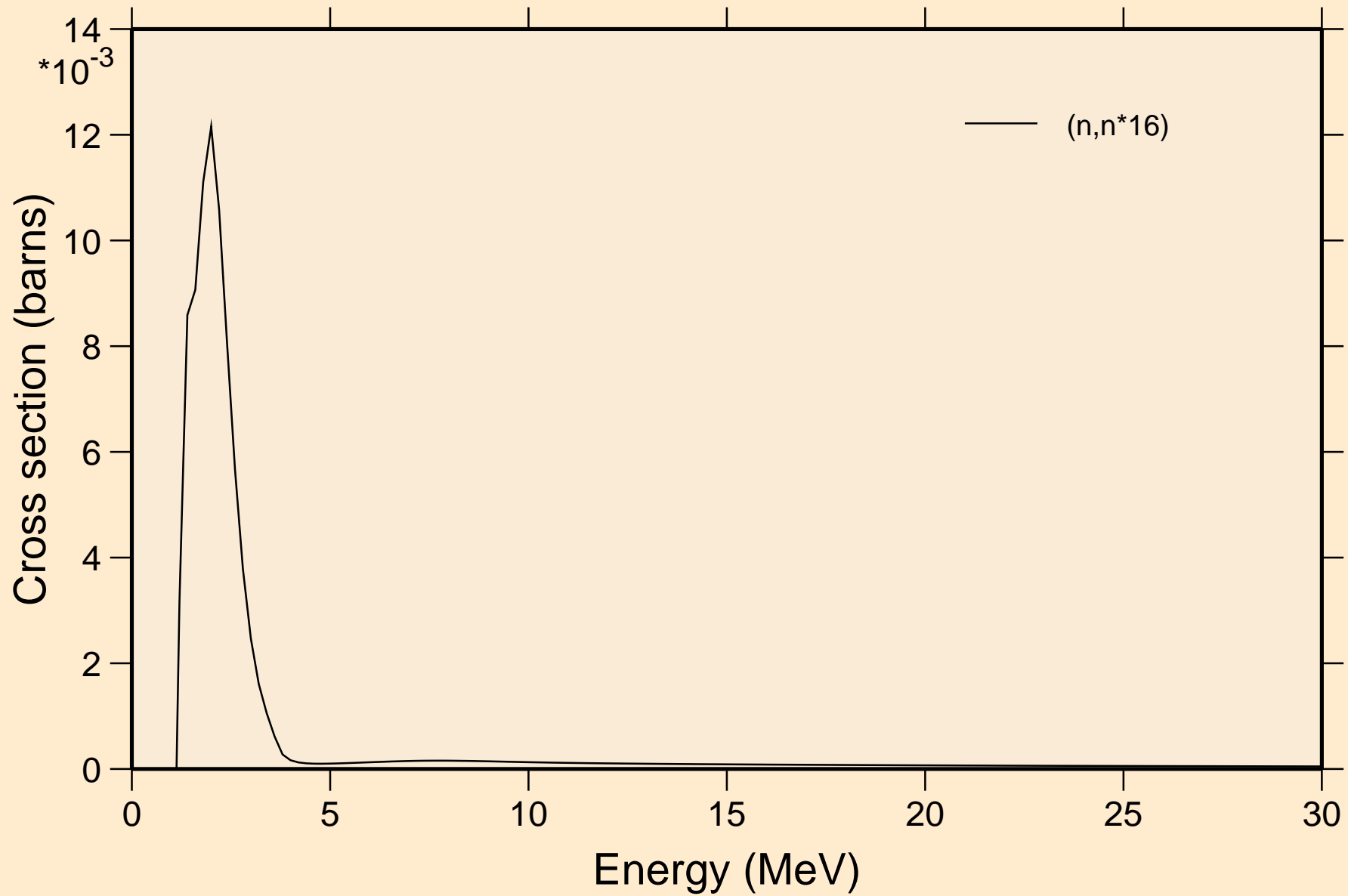


# NO253 NRG TENDL-2015, AKONING

## Inelastic levels

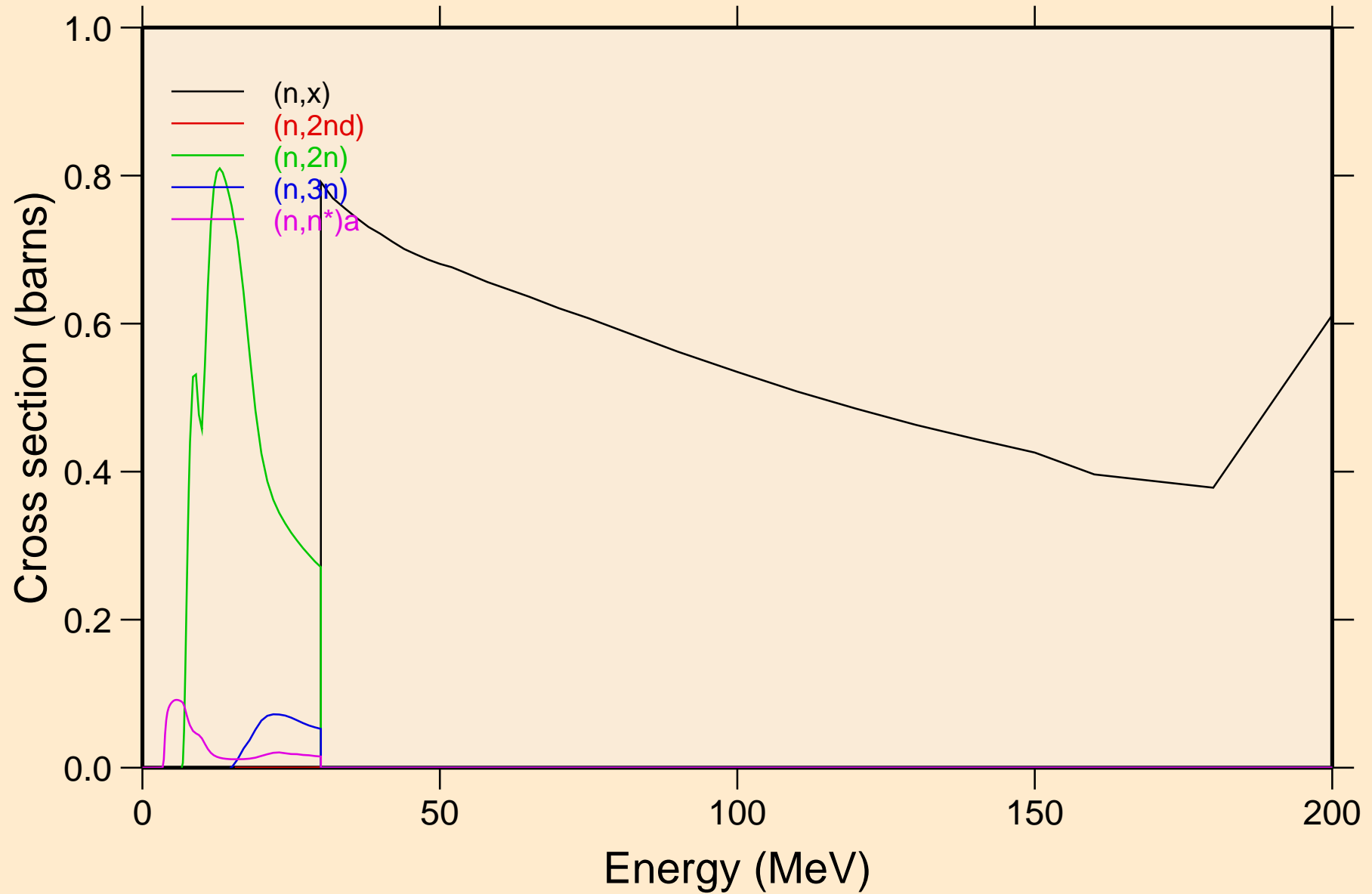


NO253 NRG TENDL-2015, AKONING  
Inelastic levels



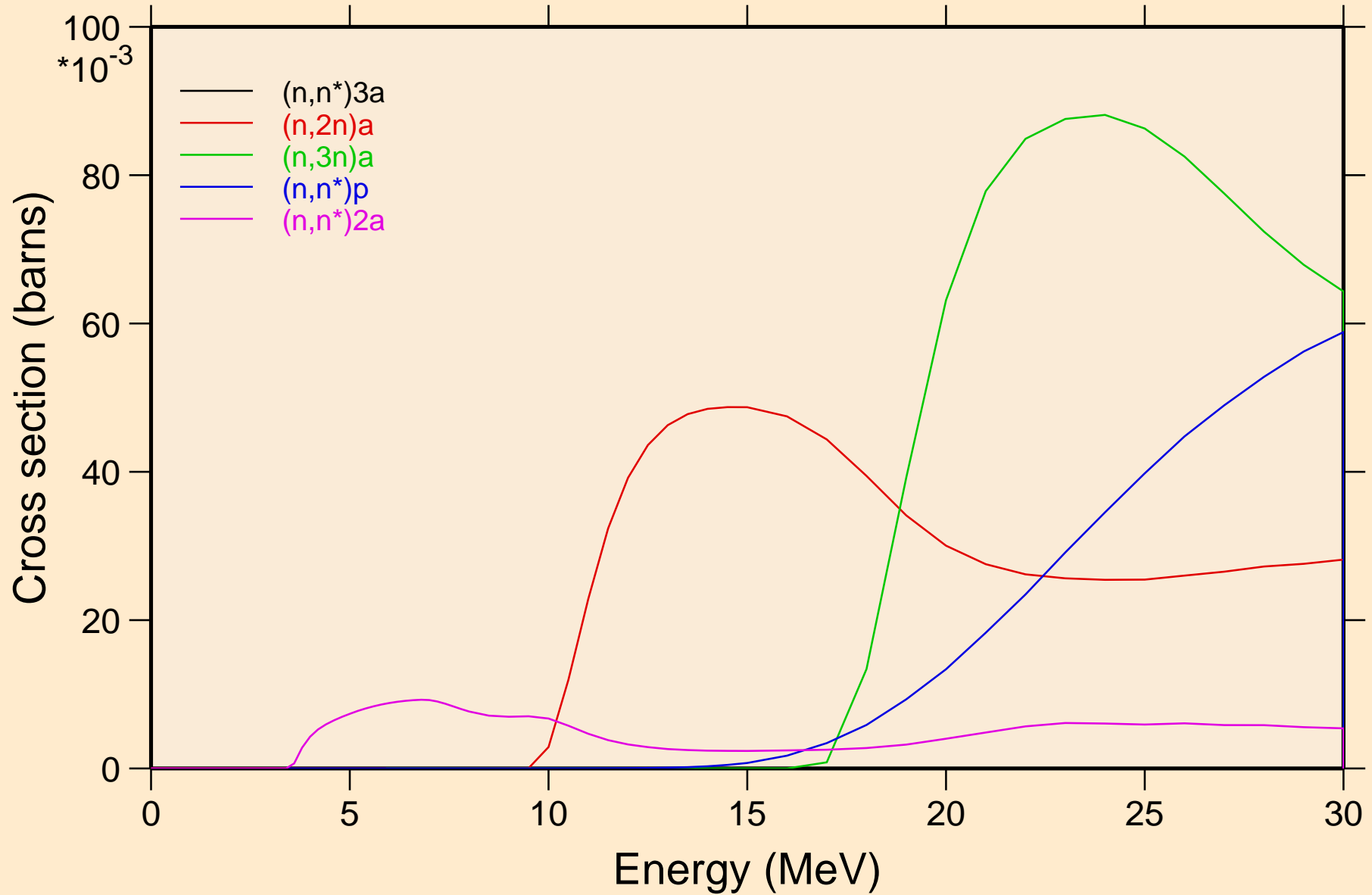
# NO253 NRG TENDL-2015, AKONING

## Threshold reactions



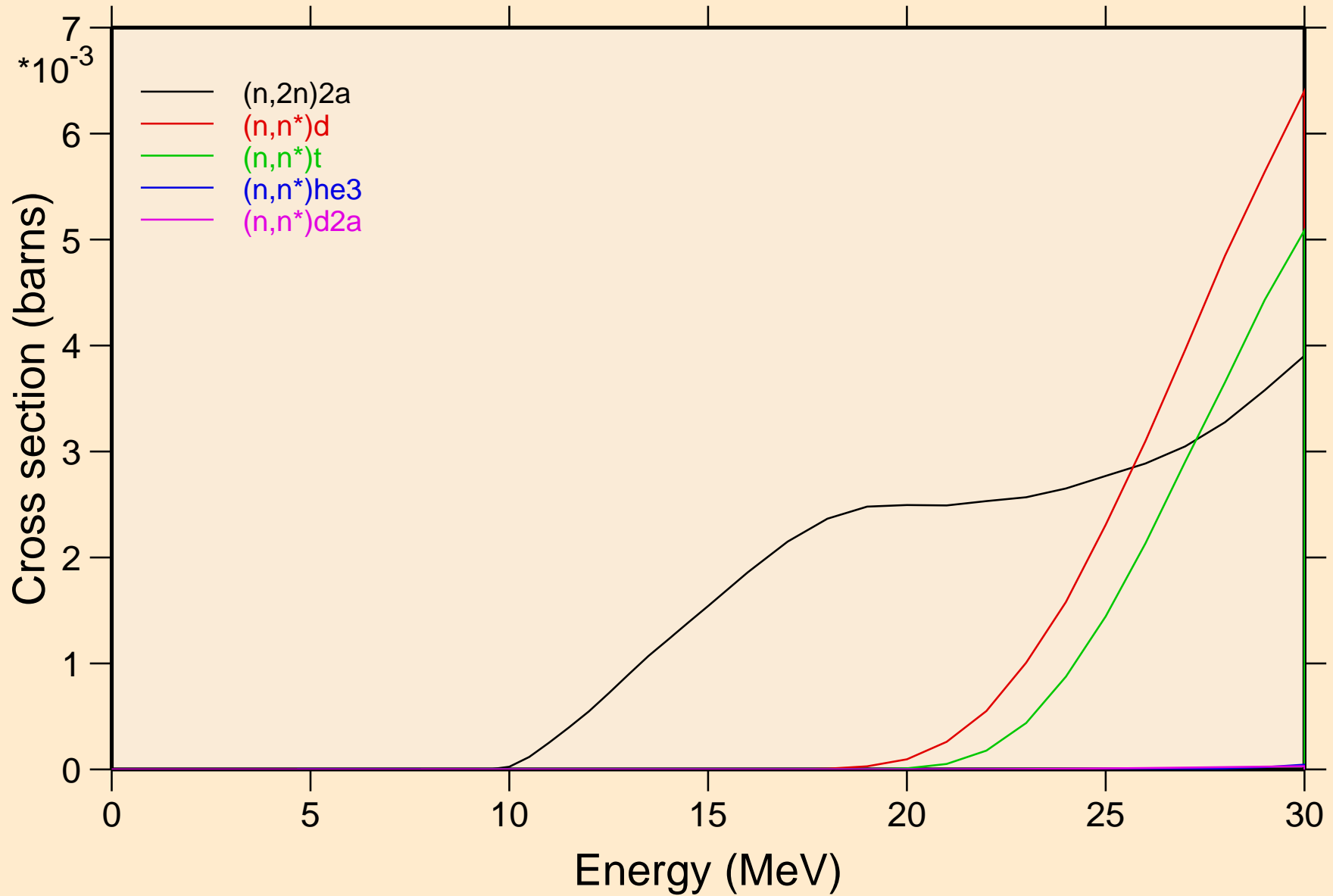
# NO253 NRG TENDL-2015, AKONING

## Threshold reactions



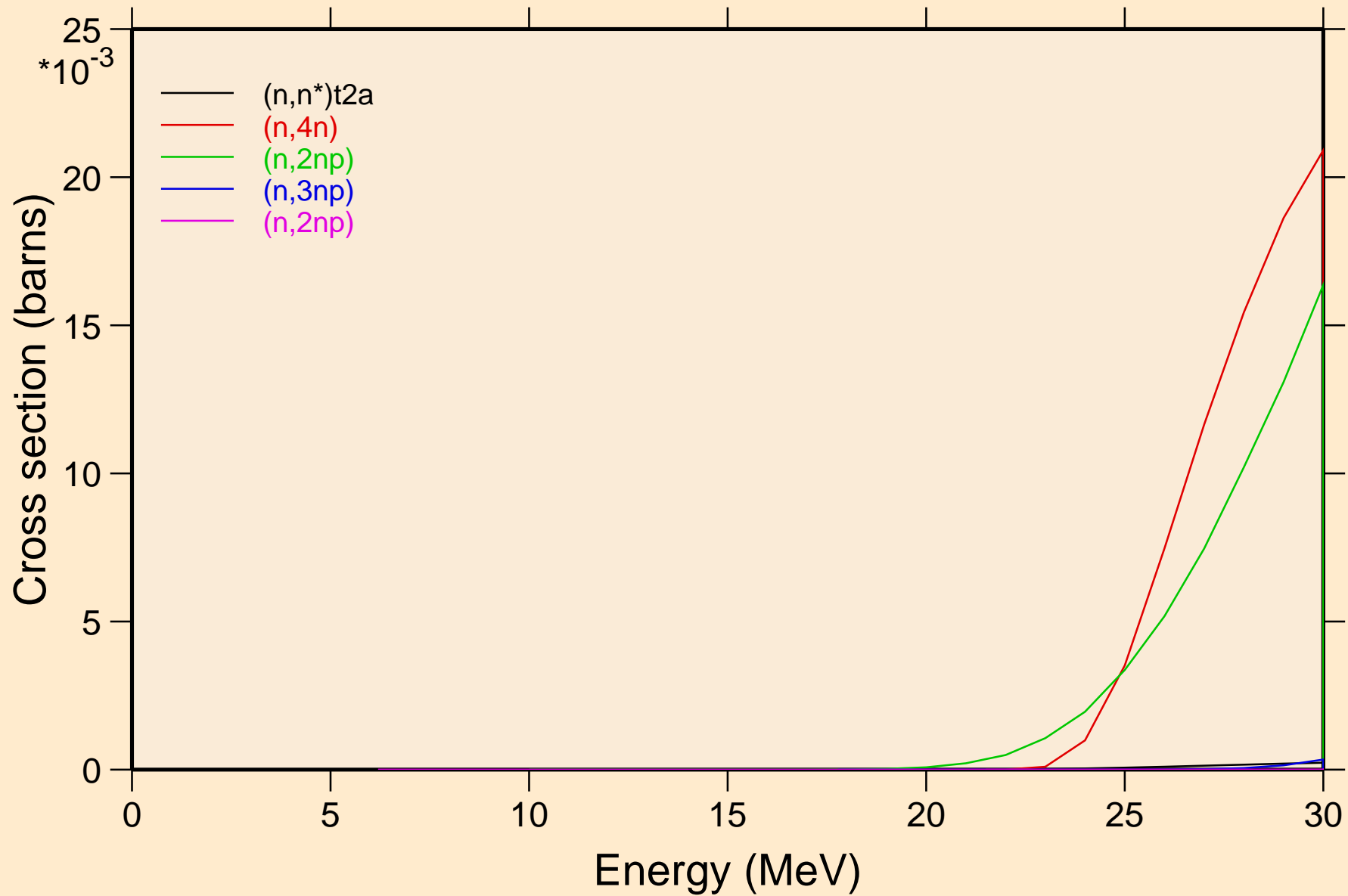
# NO253 NRG TENDL-2015, AKONING

## Threshold reactions



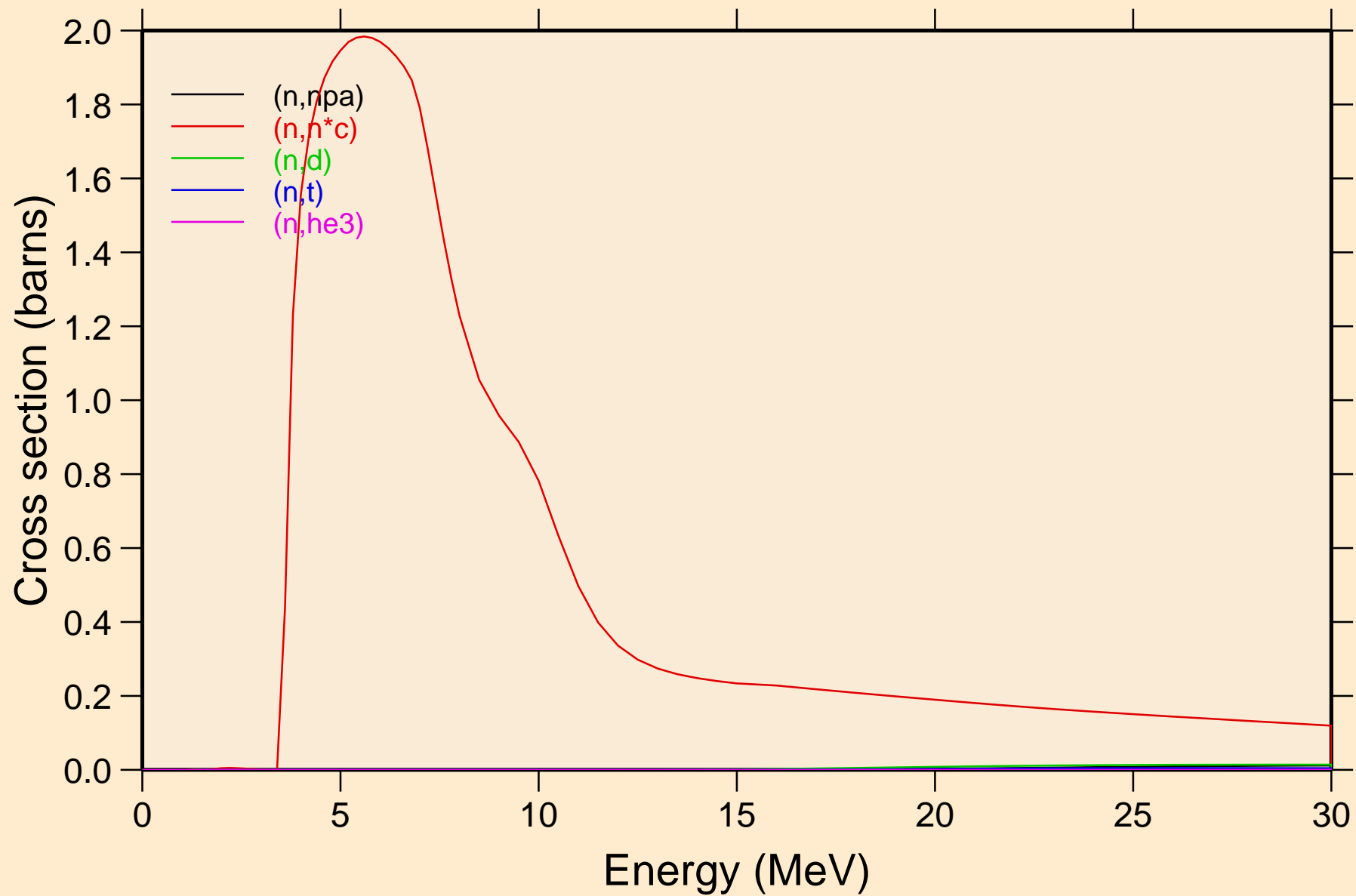
# NO253 NRG TENDL-2015, AKONING

## Threshold reactions



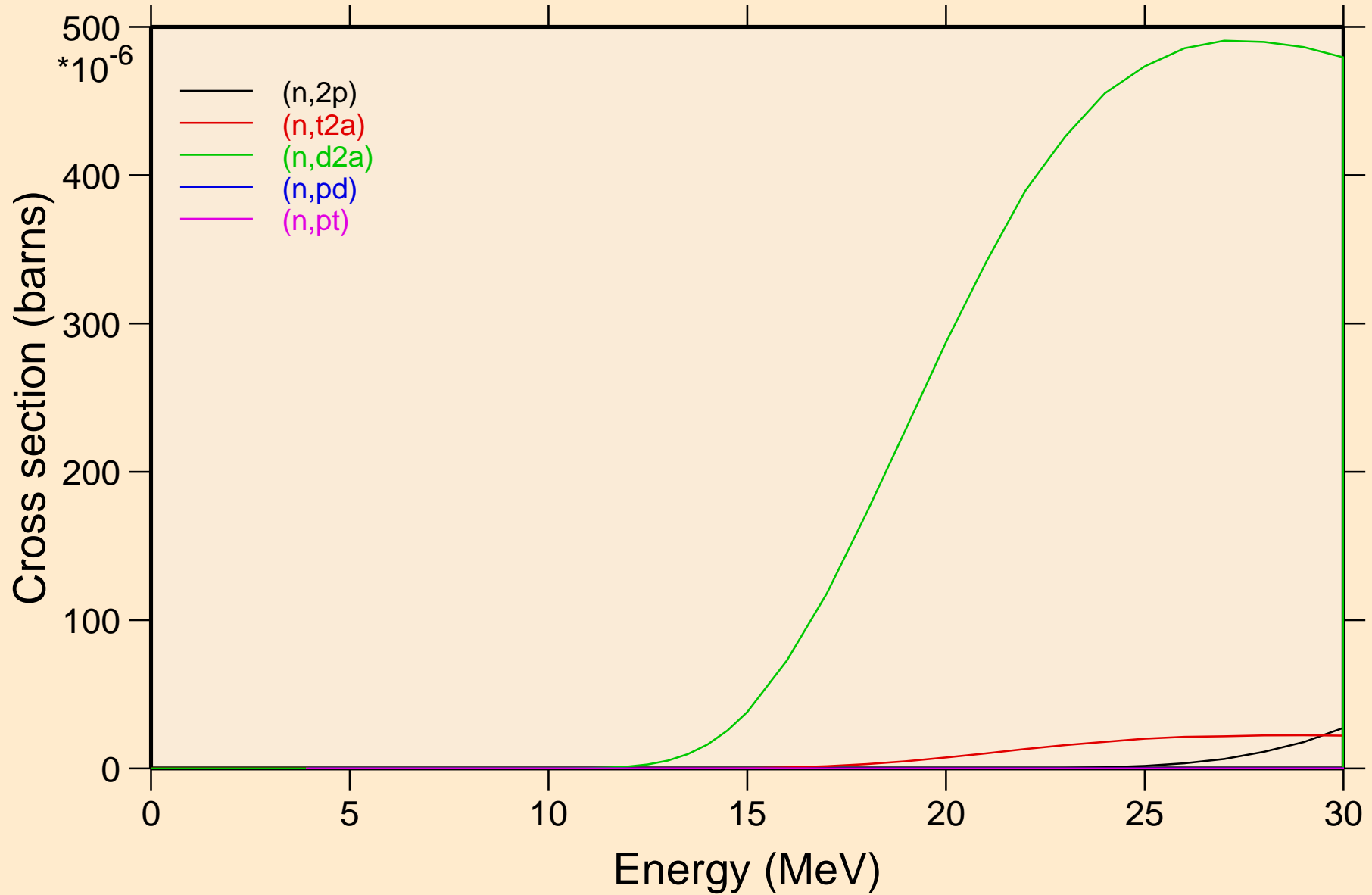
# NO253 NRG TENDL-2015, AKONING

## Threshold reactions



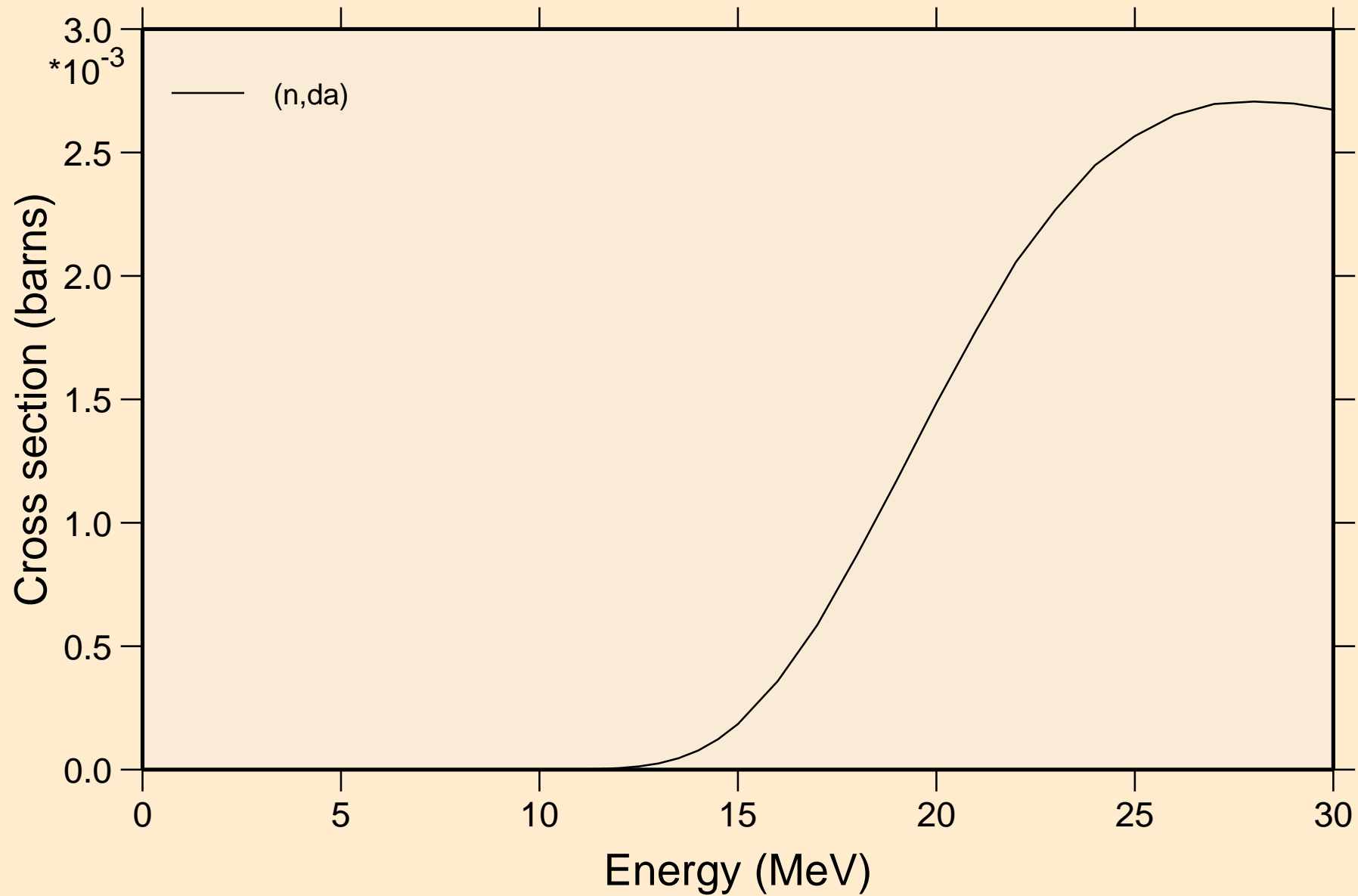
# NO253 NRG TENDL-2015, AKONING

## Threshold reactions

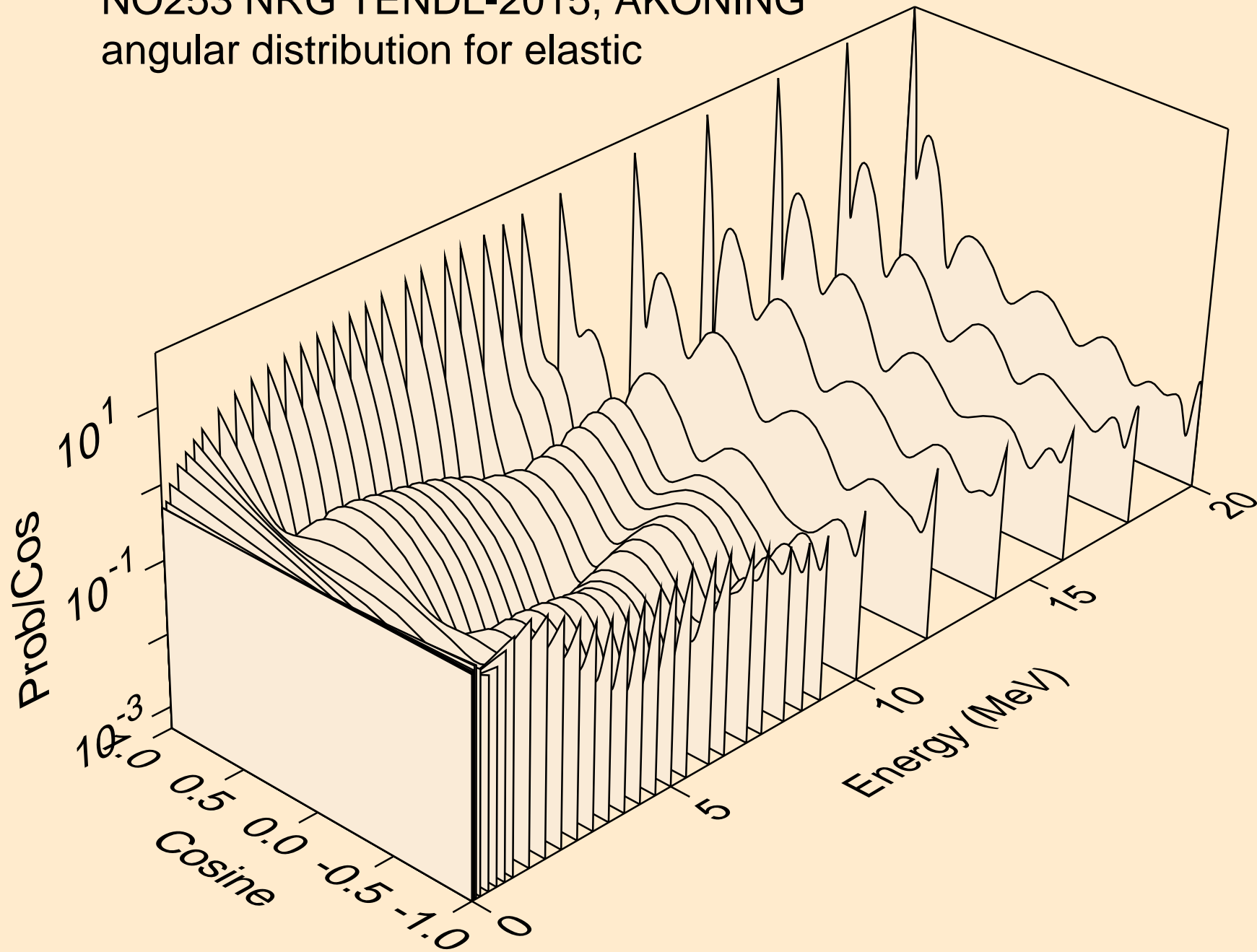




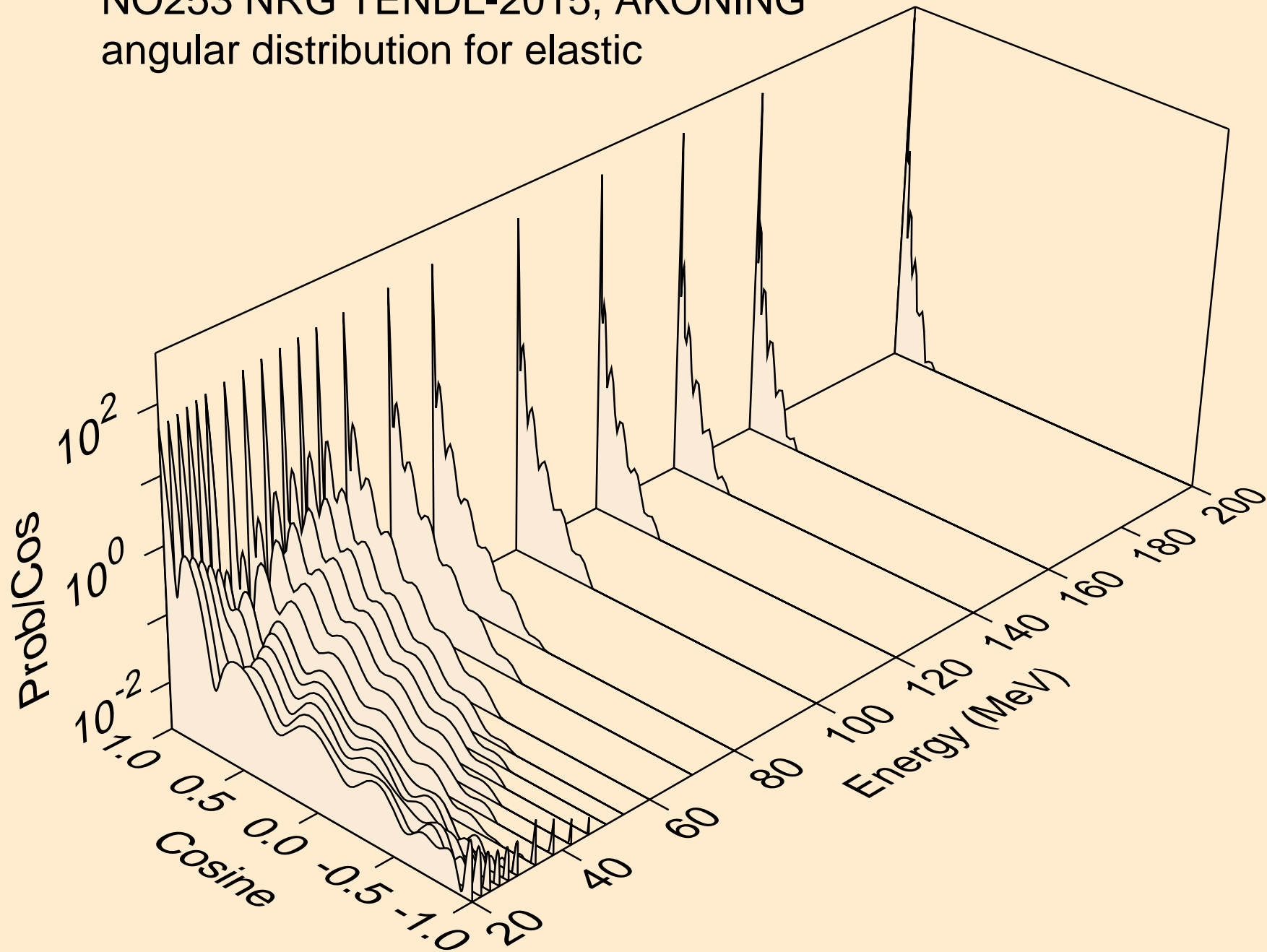
NO253 NRG TENDL-2015, AKONING  
Threshold reactions



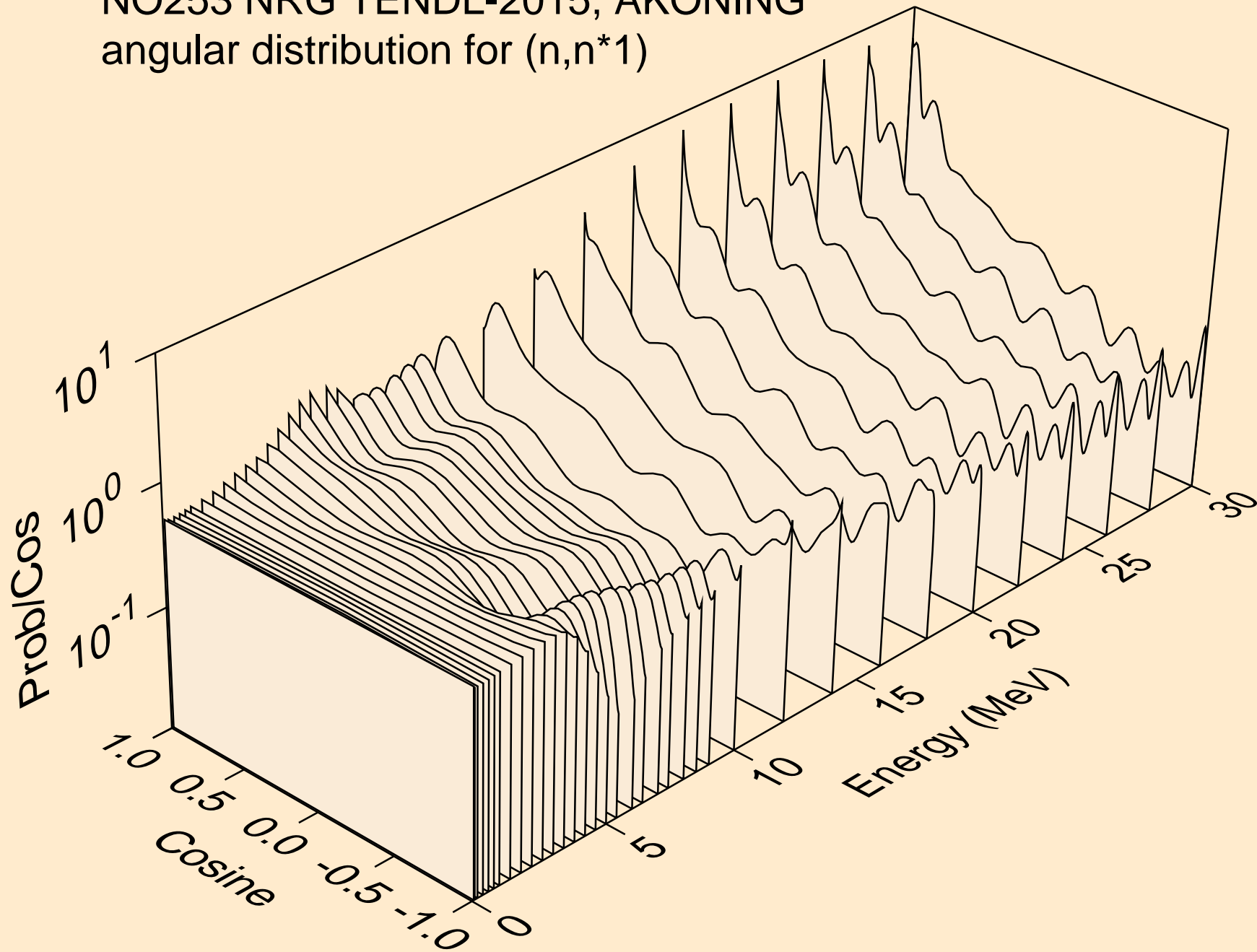
NO253 NRG TENDL-2015, AKONING  
angular distribution for elastic



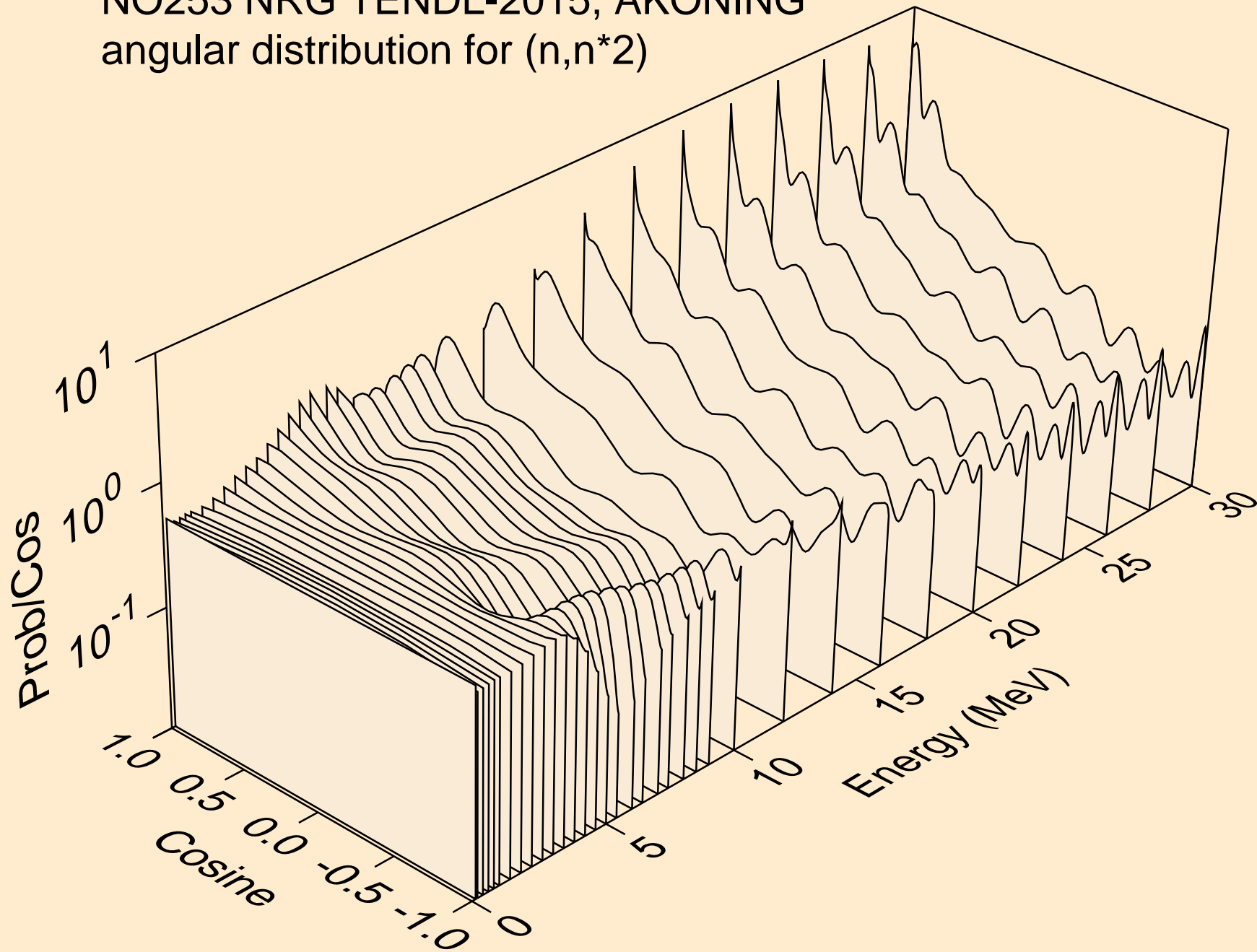
NO253 NRG TENDL-2015, AKONING  
angular distribution for elastic



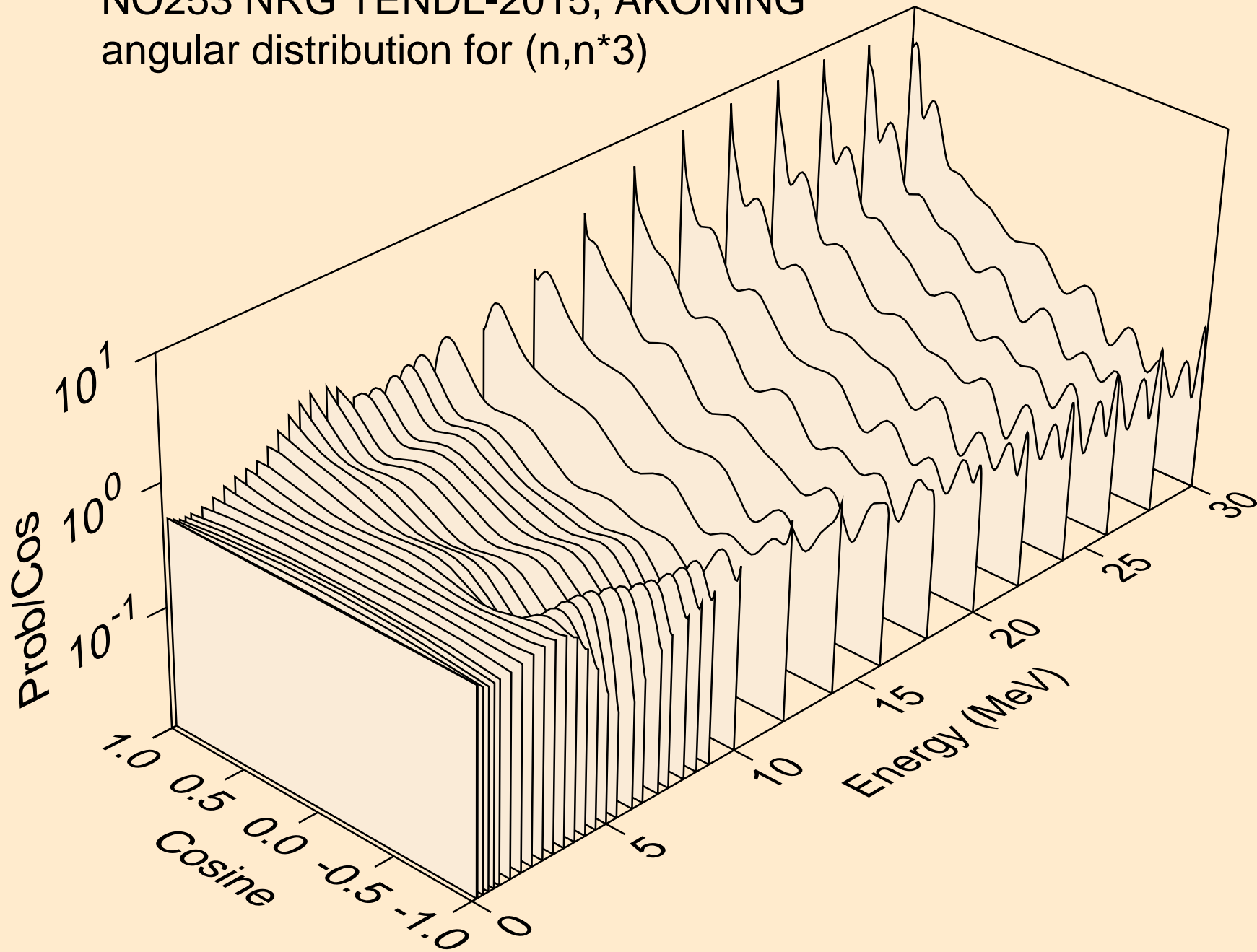
NO253 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



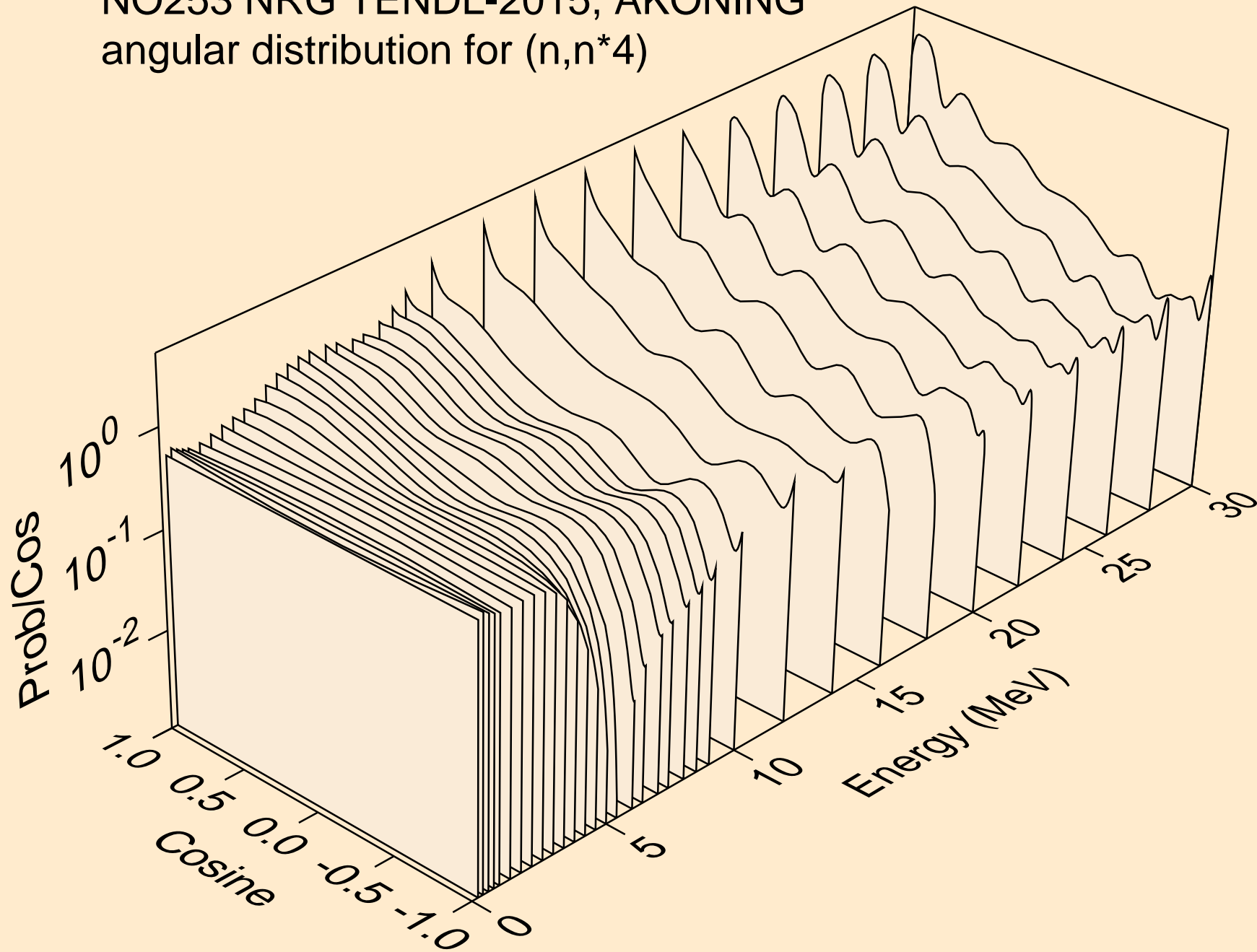
NO253 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



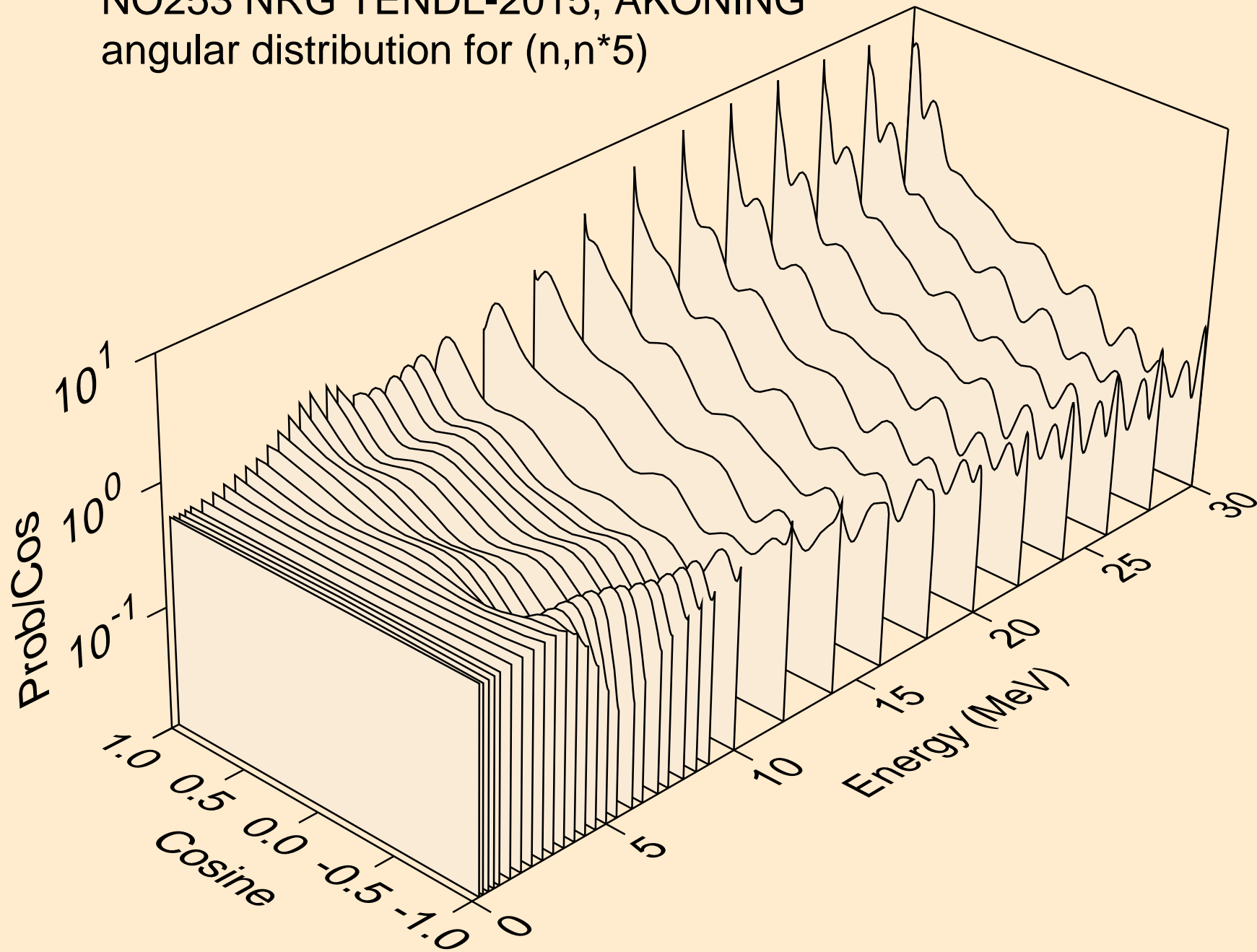
NO253 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



NO253 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)

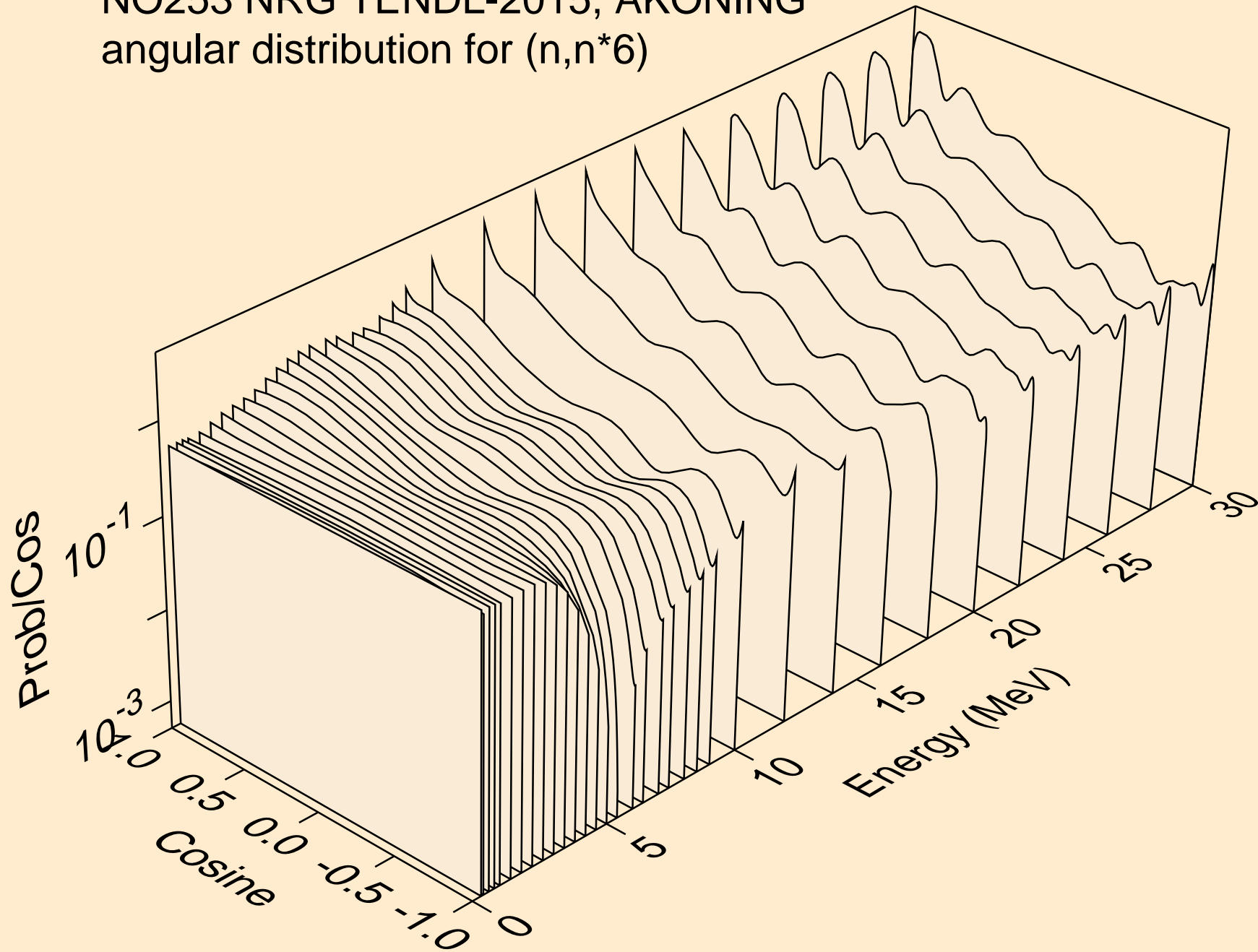


NO253 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

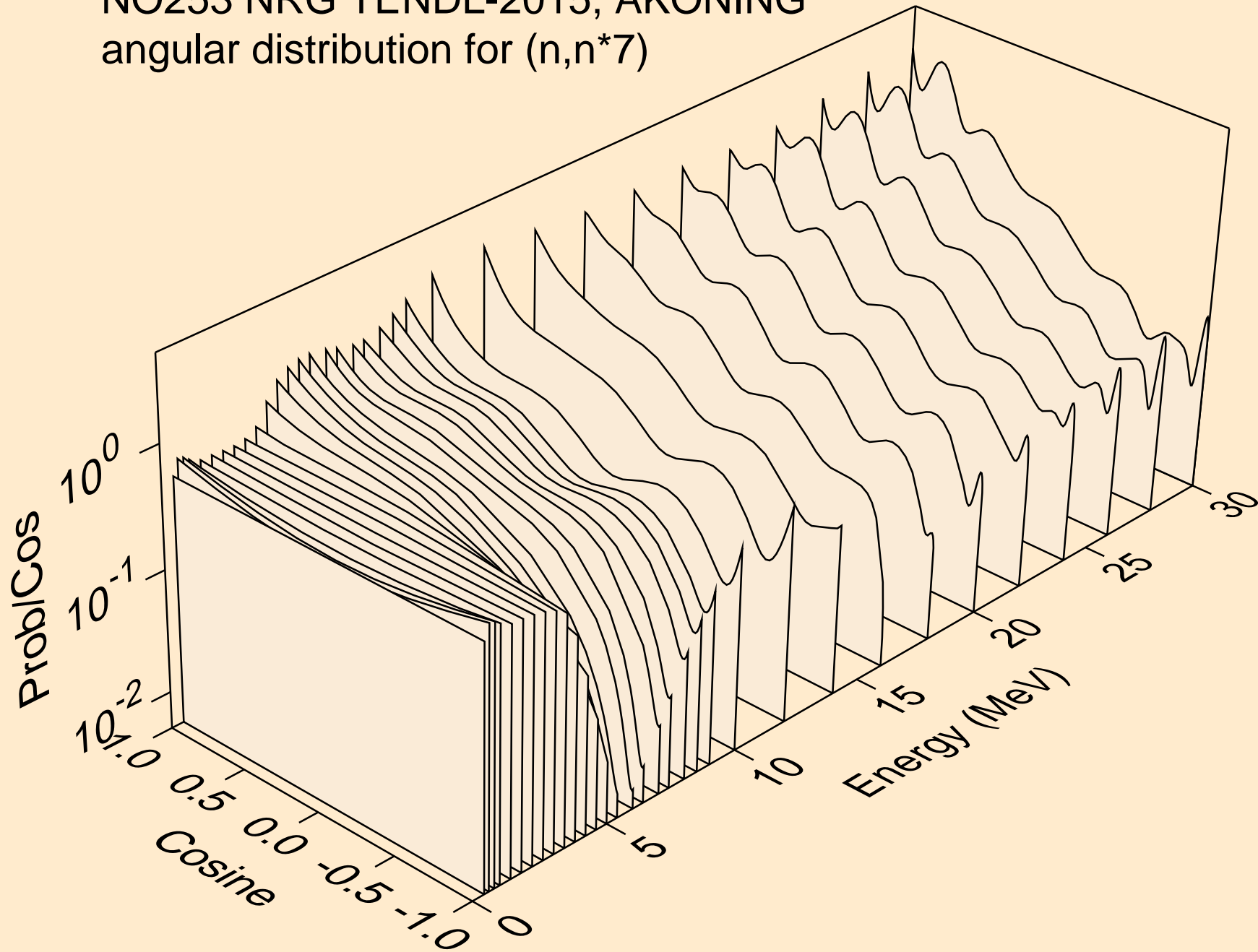




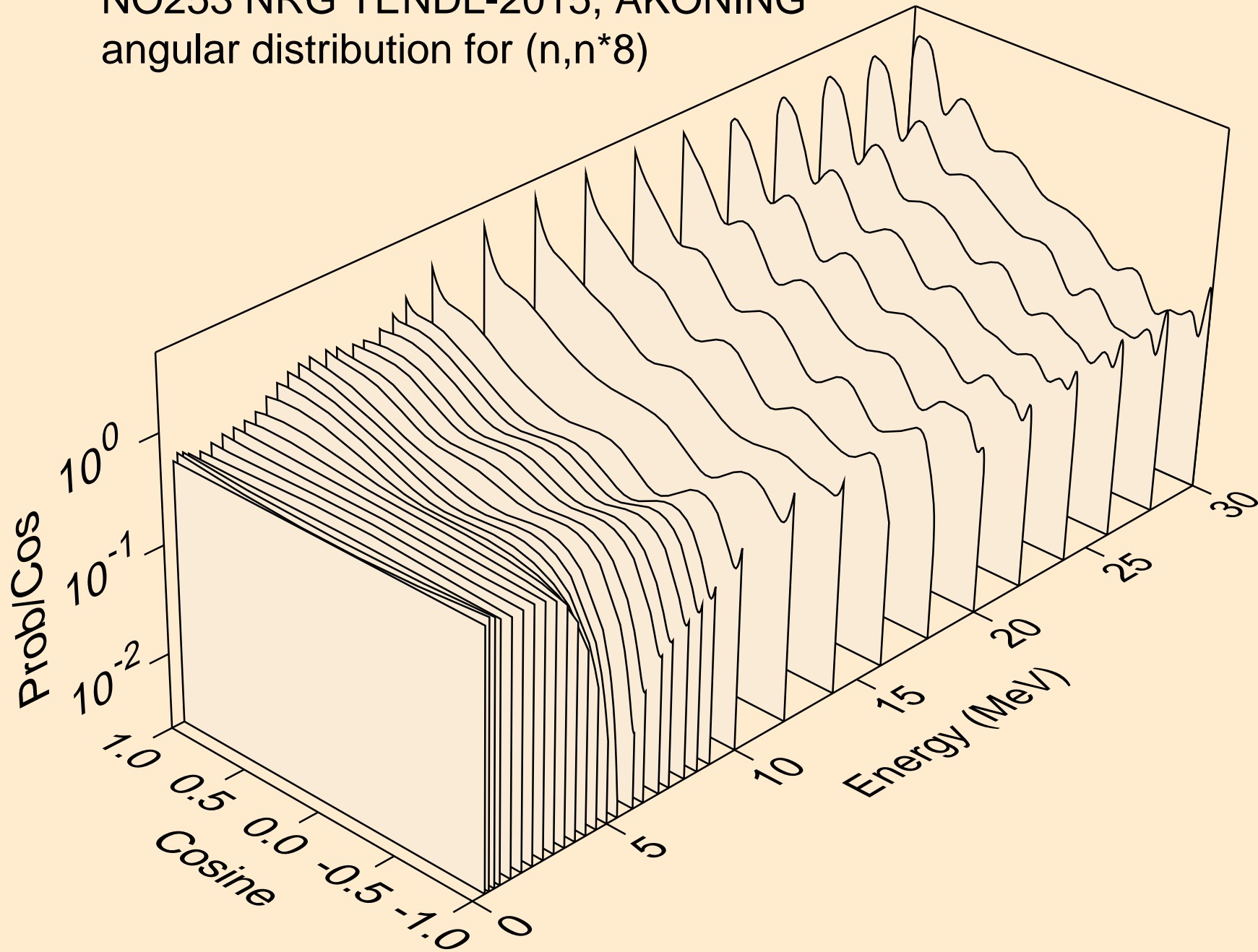
NO253 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



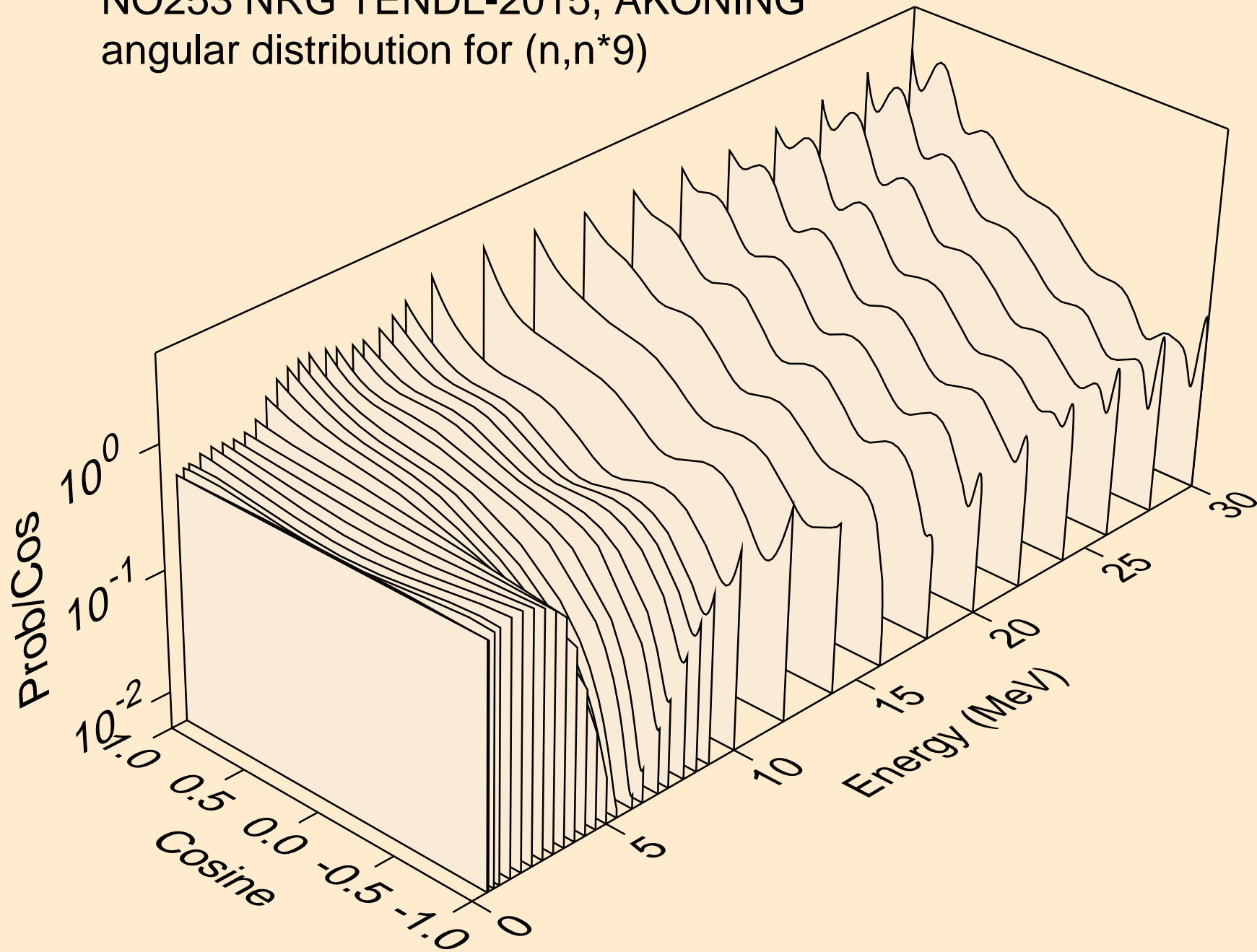
NO253 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



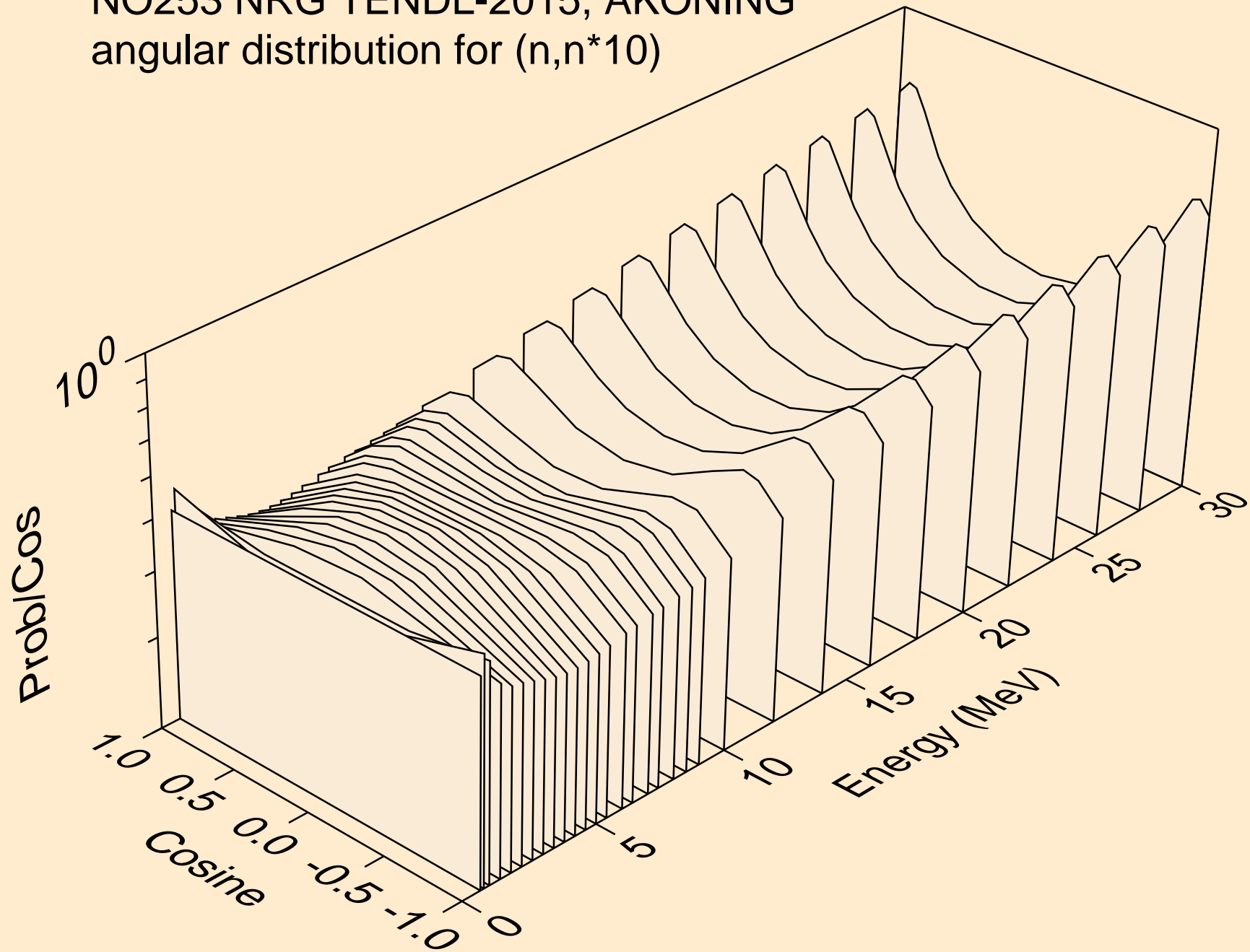
NO253 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



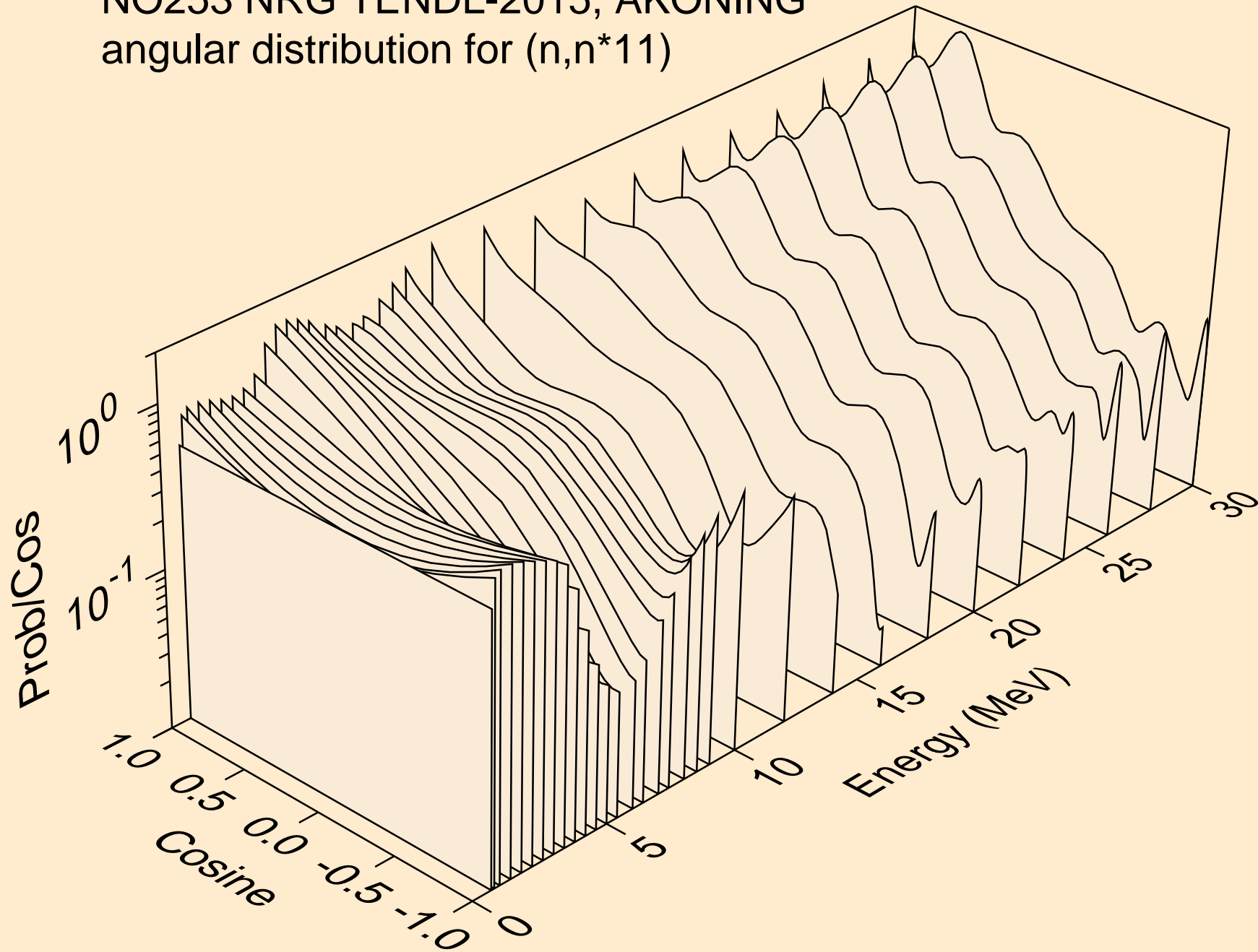
NO253 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



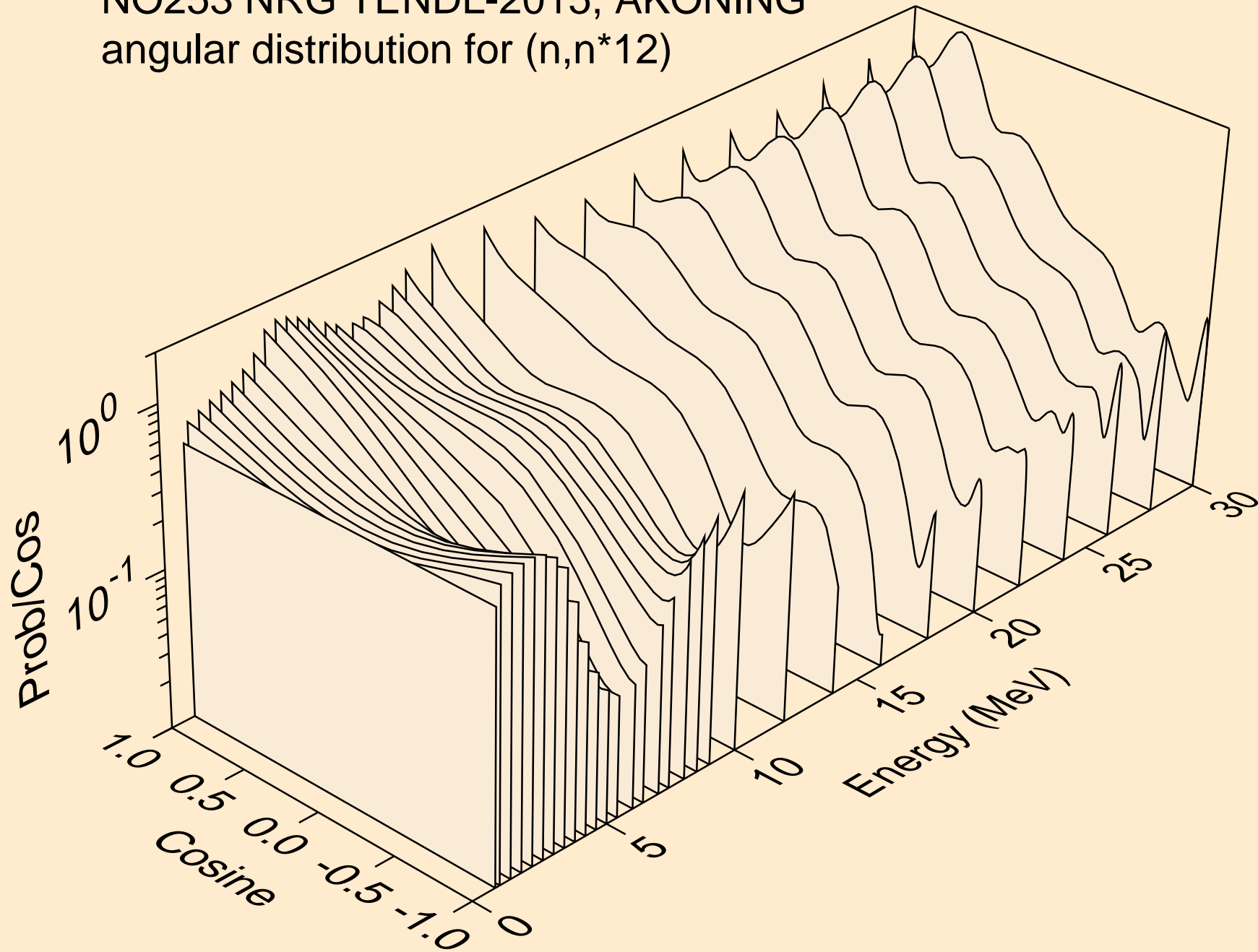
NO253 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



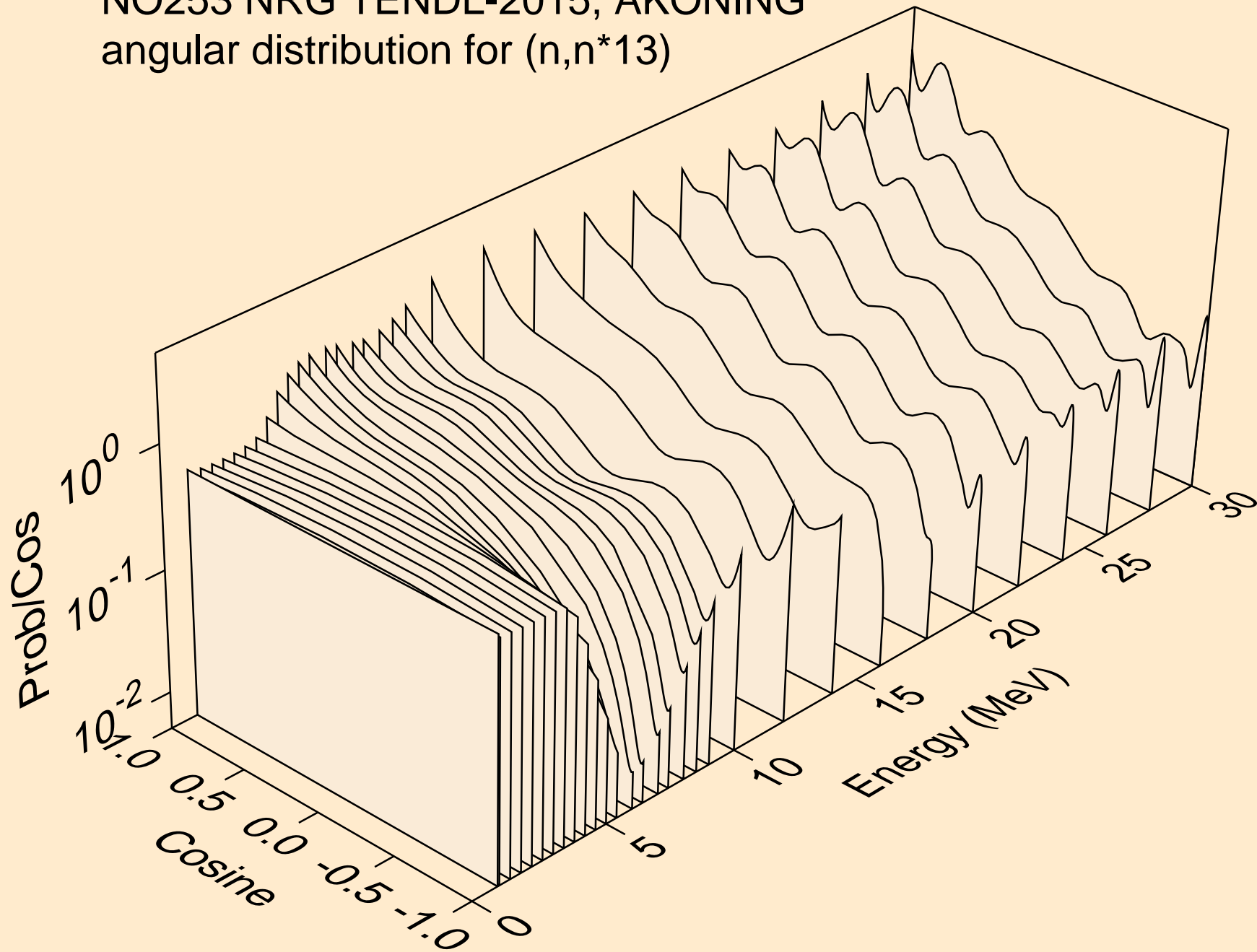
NO253 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



NO253 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)

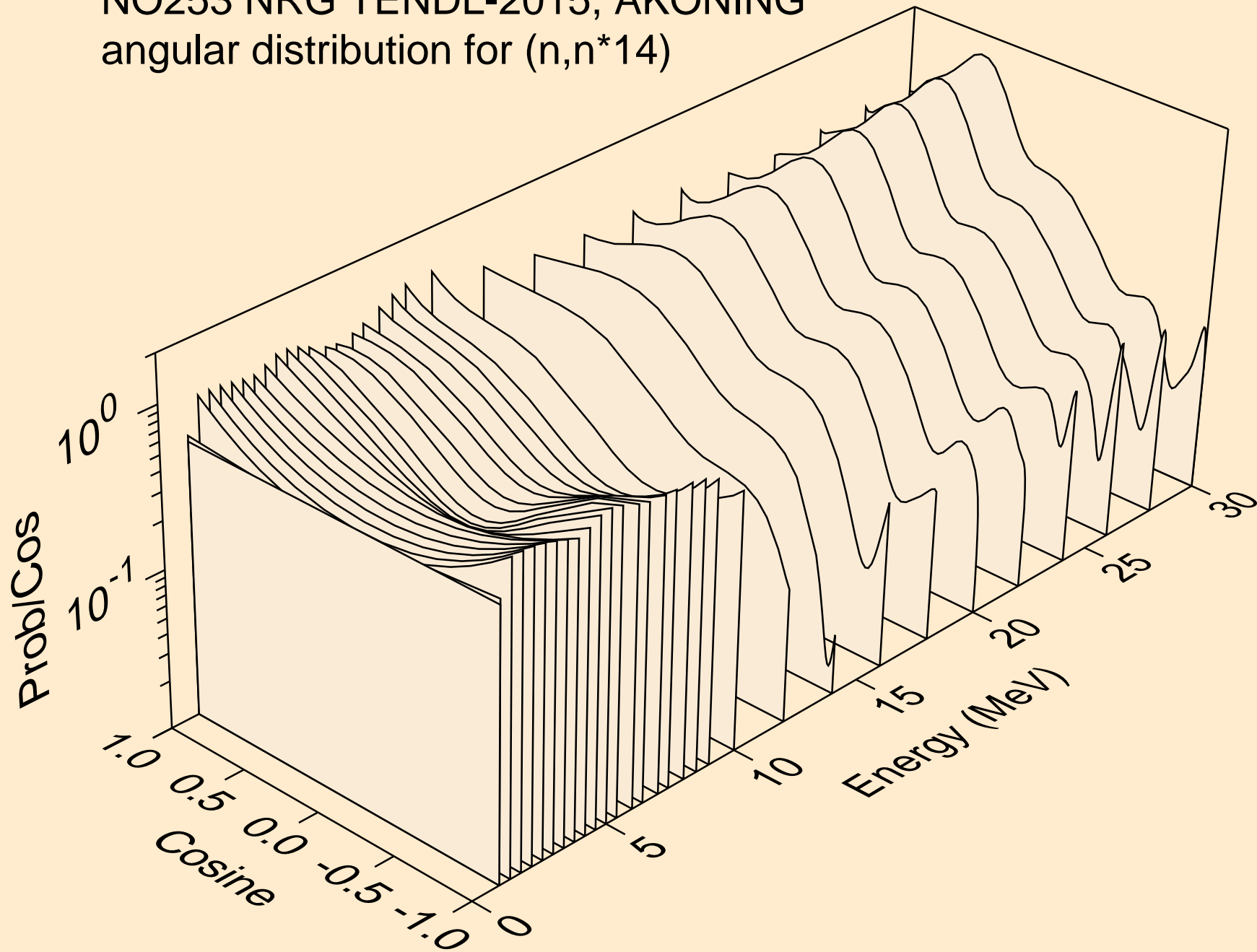


NO253 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

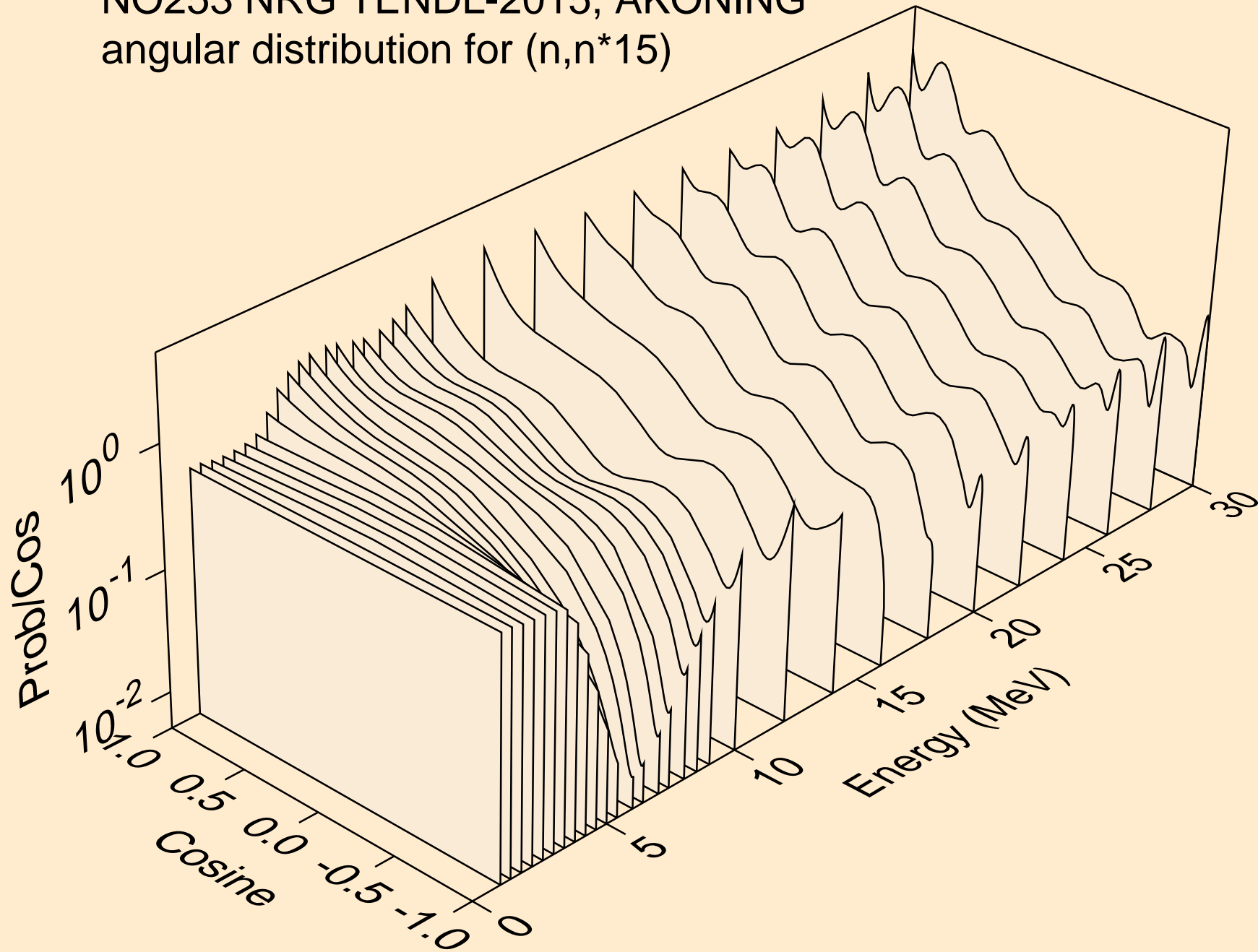




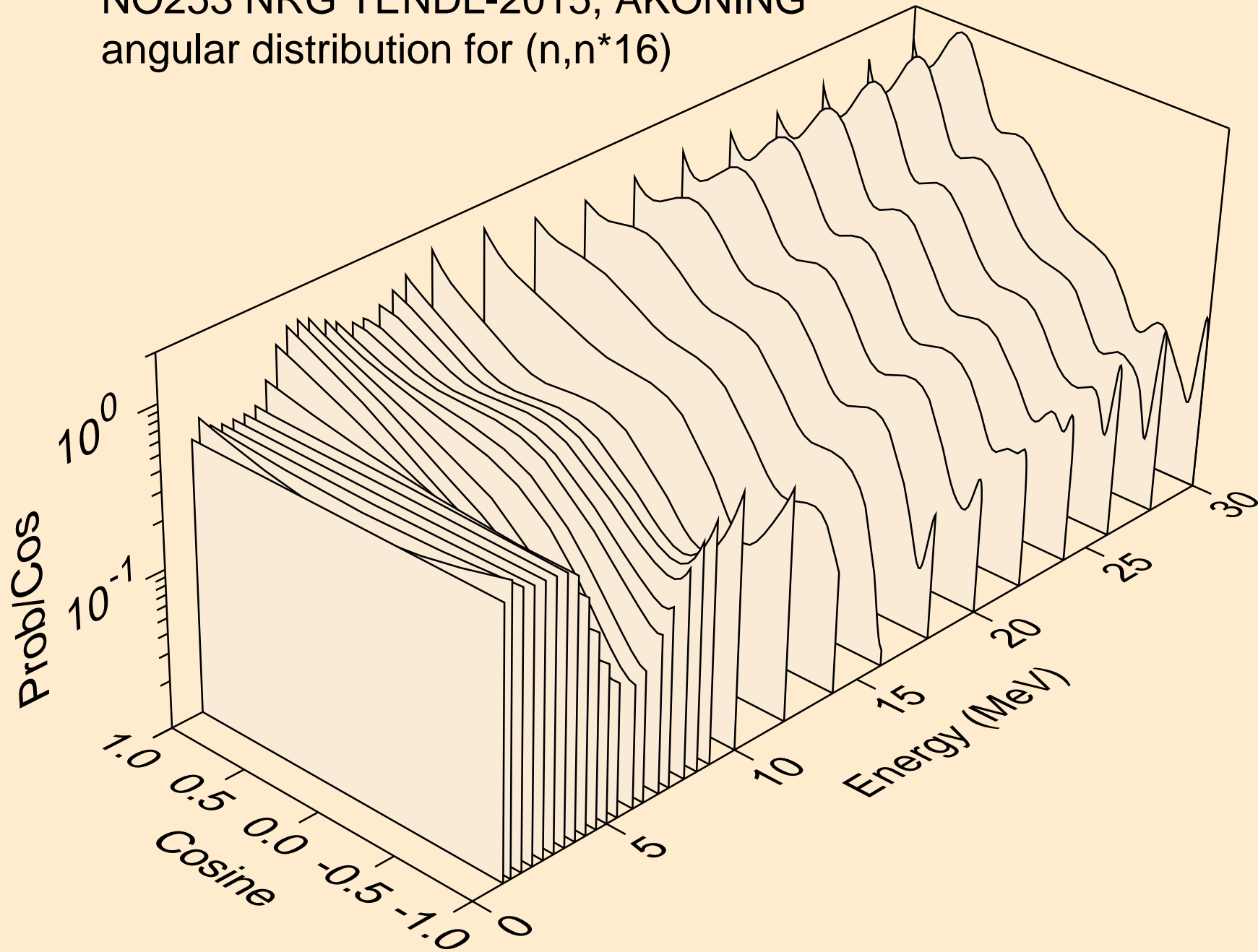
NO253 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



NO253 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

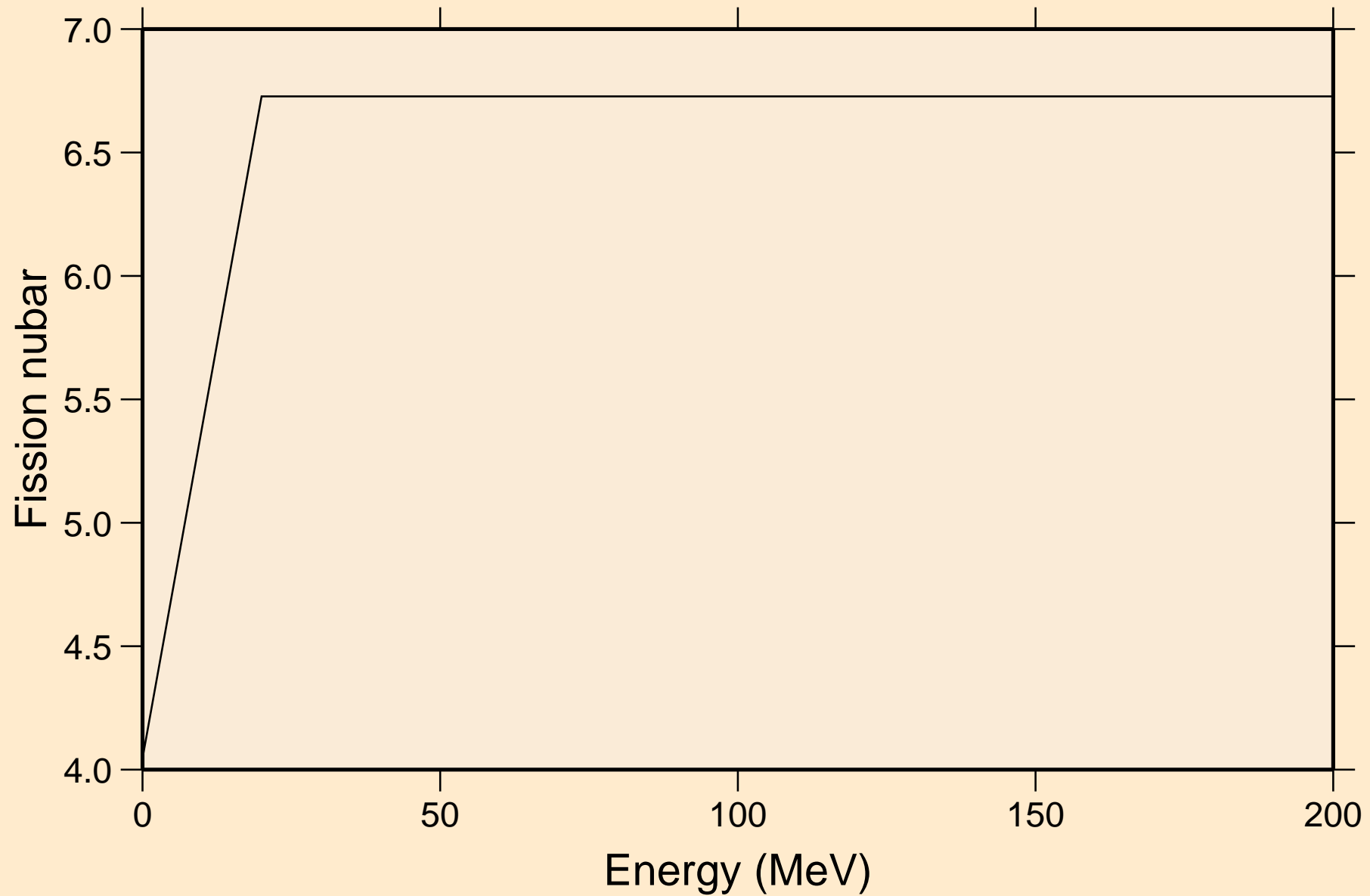


NO253 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)

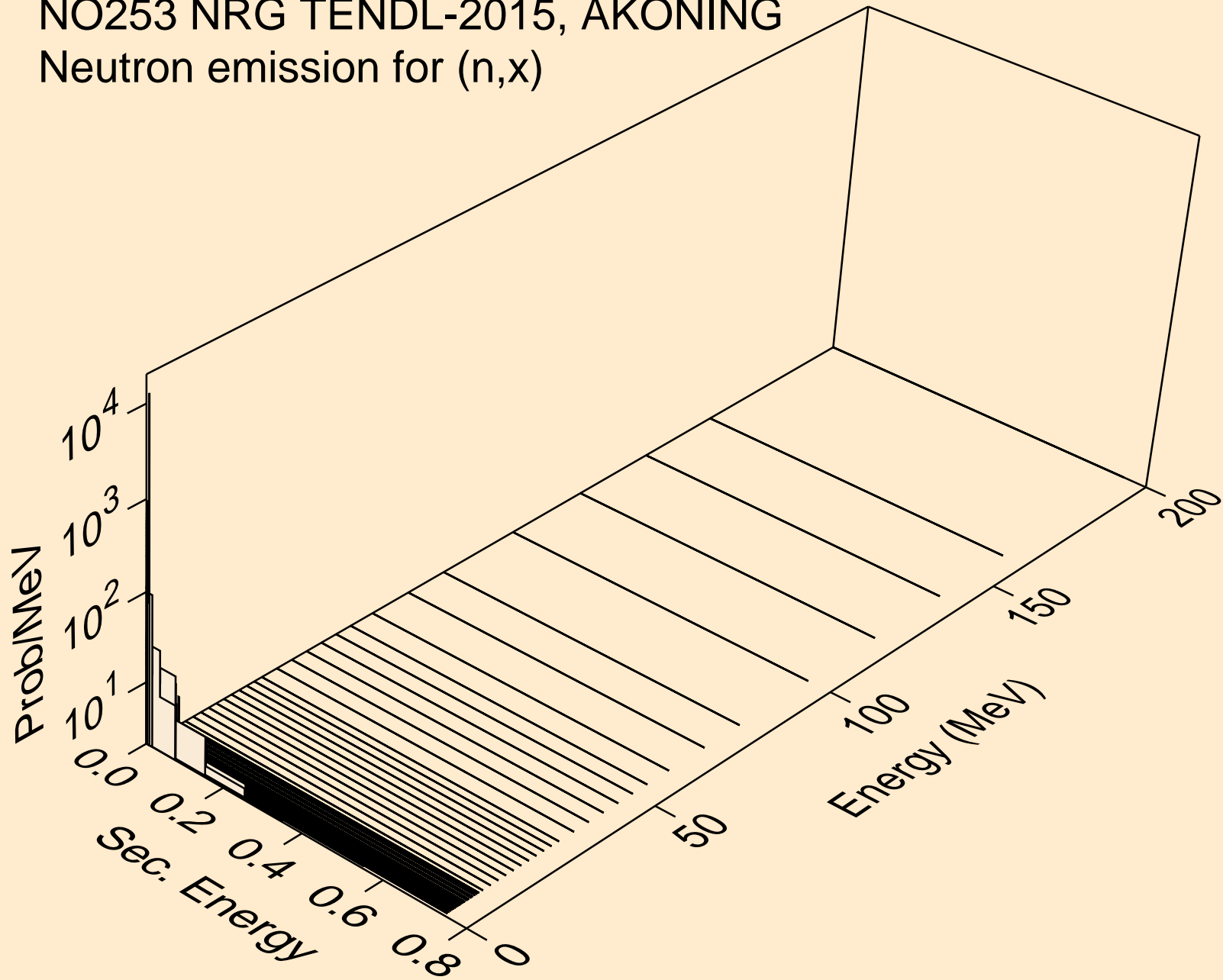


# NO253 NRG TENDL-2015, AKONING

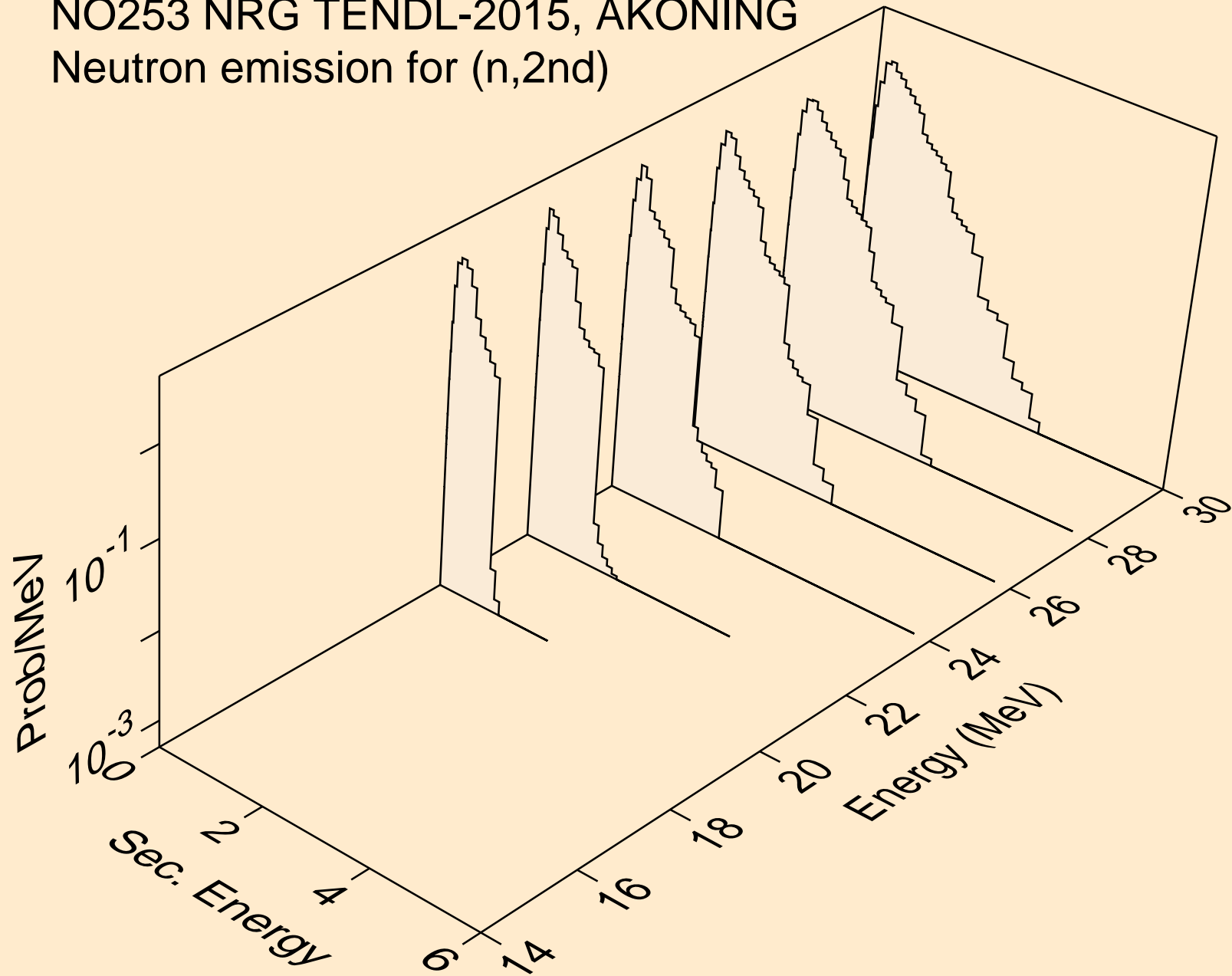
Total fission nubar



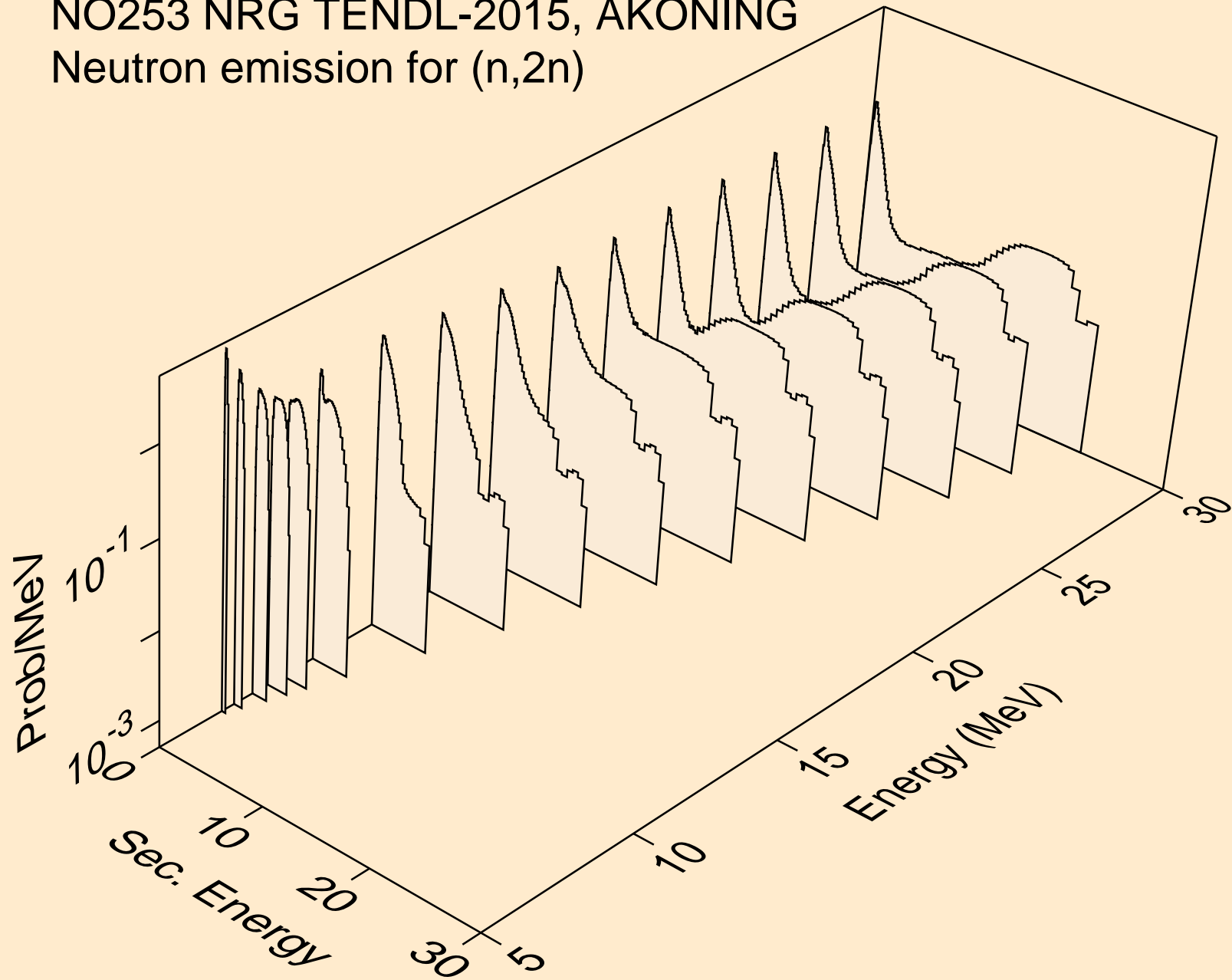
NO253 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



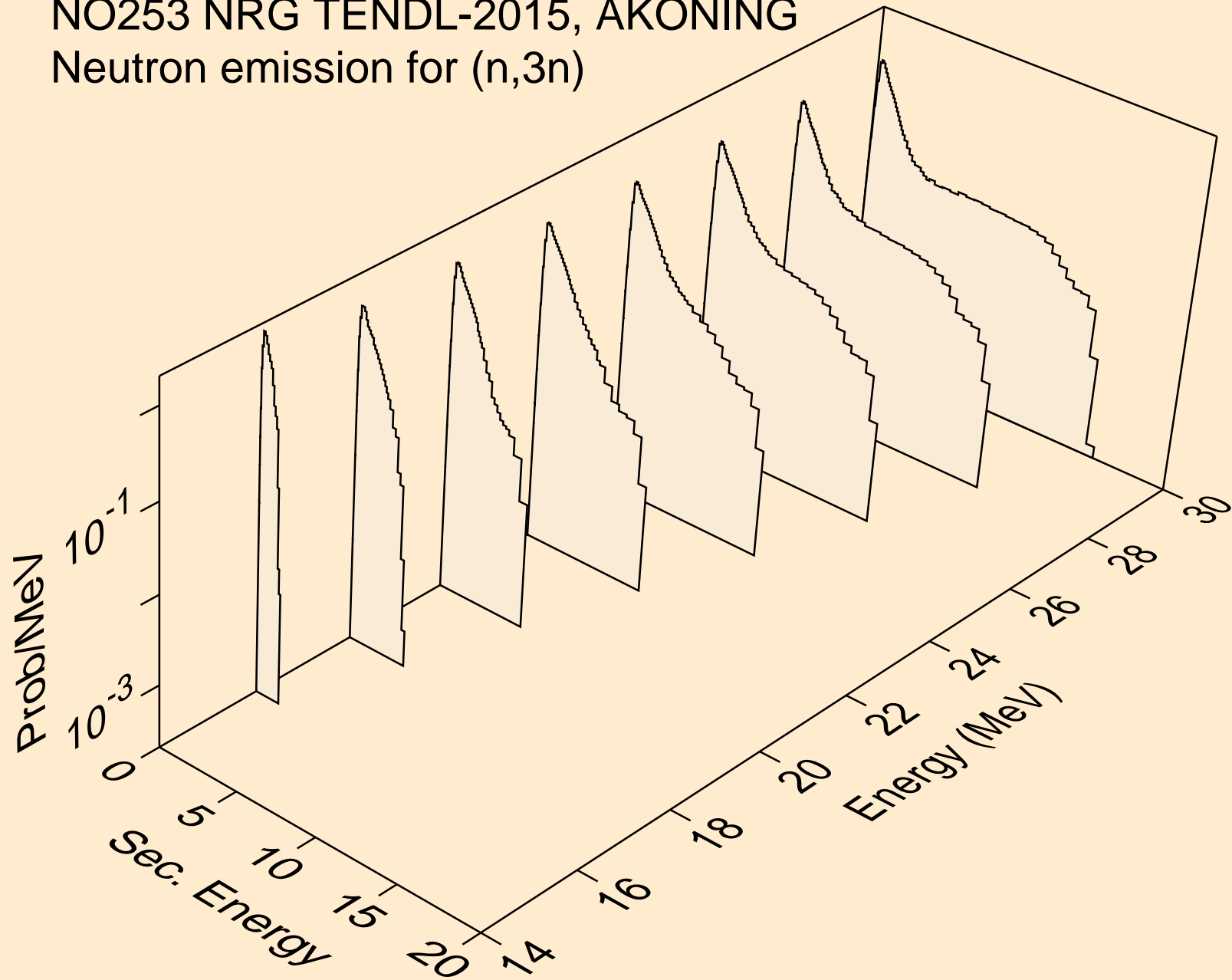
NO253 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



NO253 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

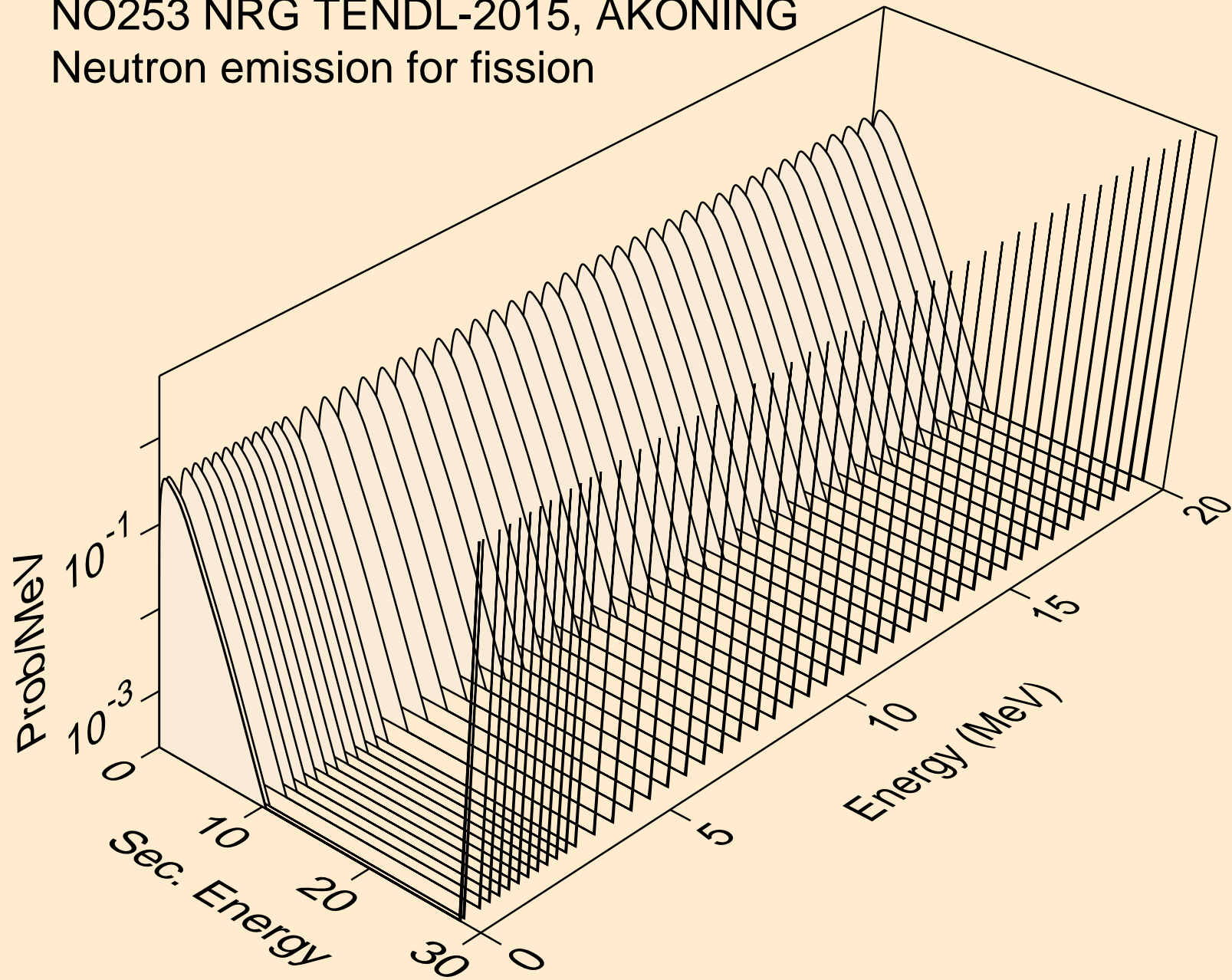


NO253 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)

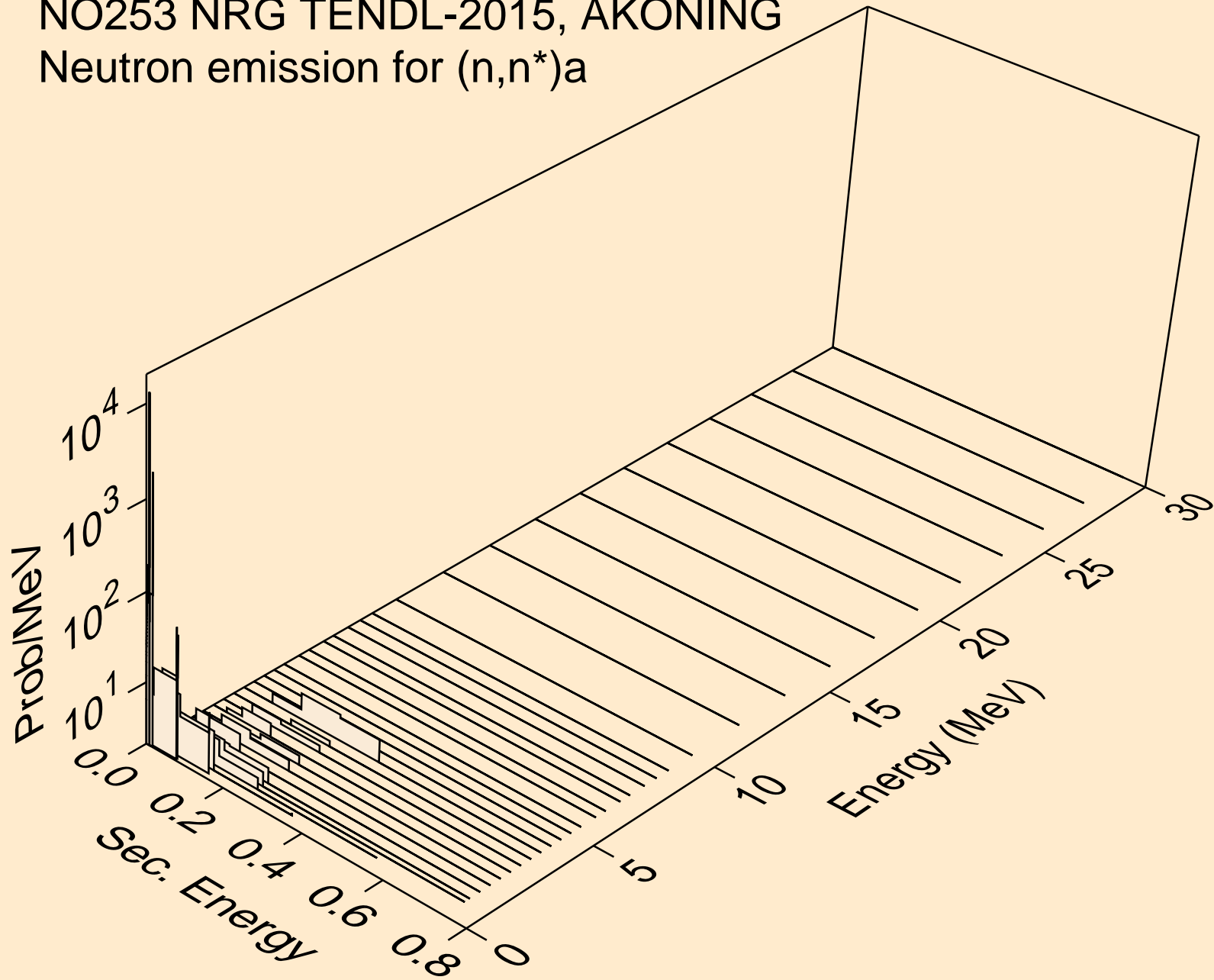




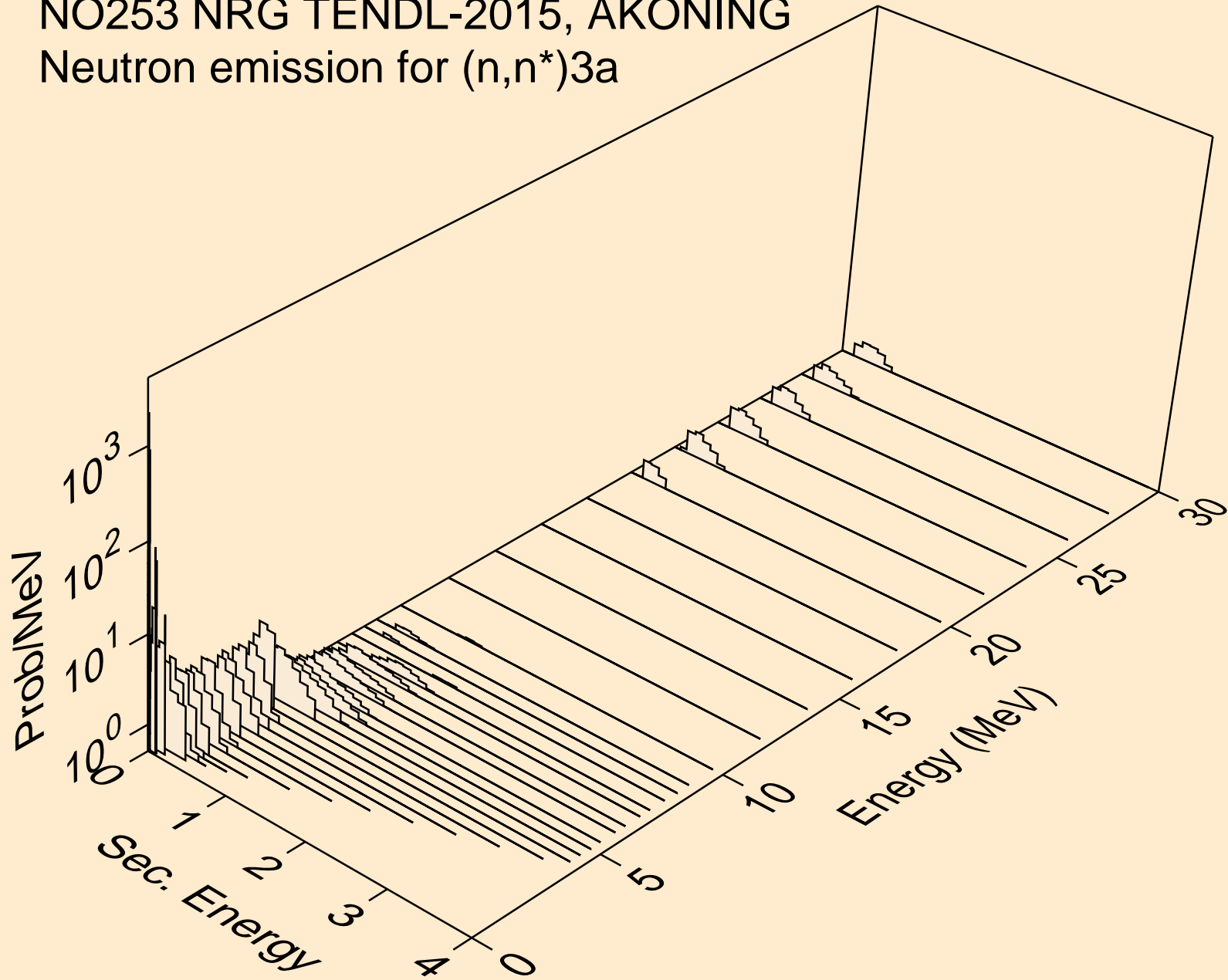
NO253 NRG TENDL-2015, AKONING  
Neutron emission for fission



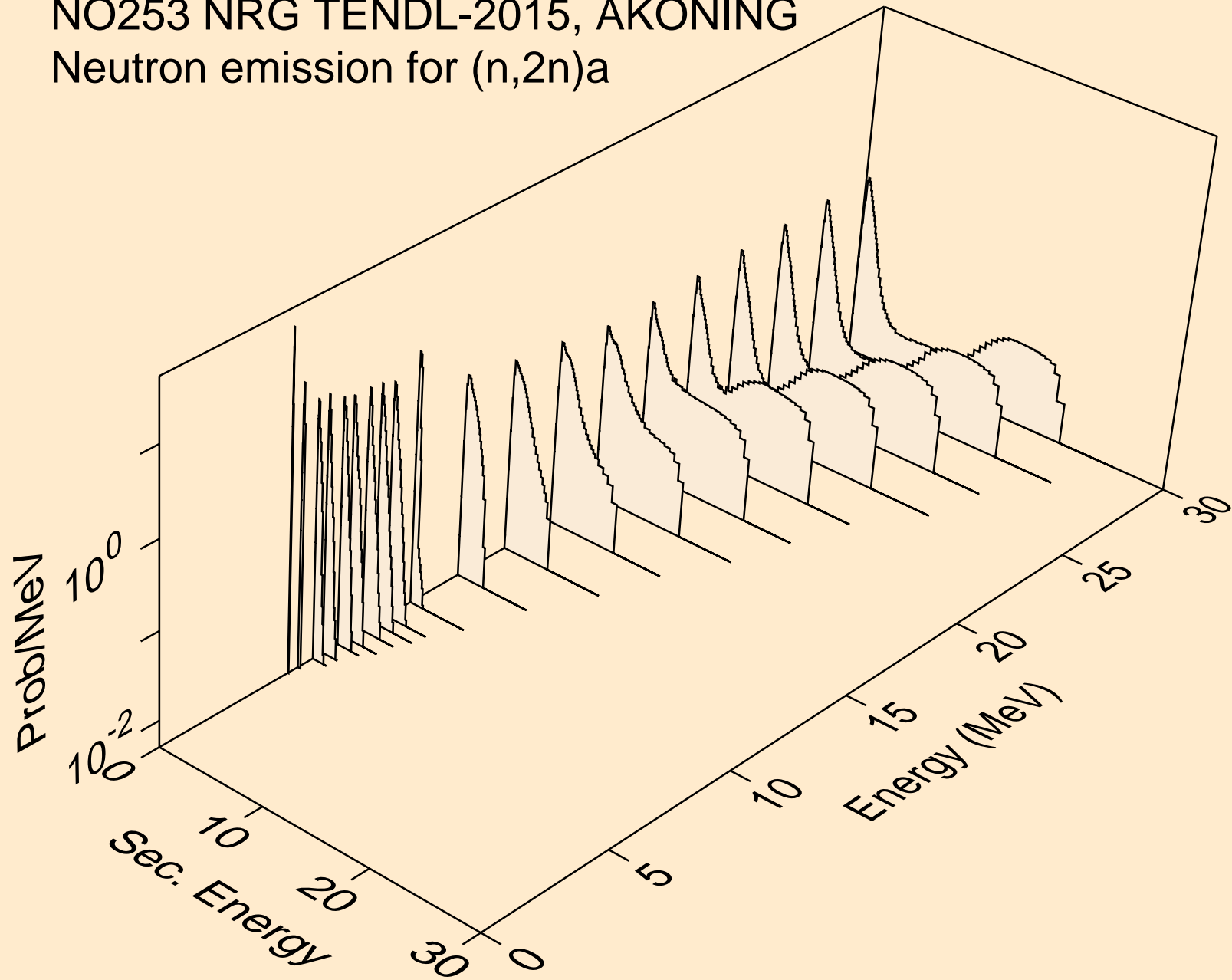
NO253 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



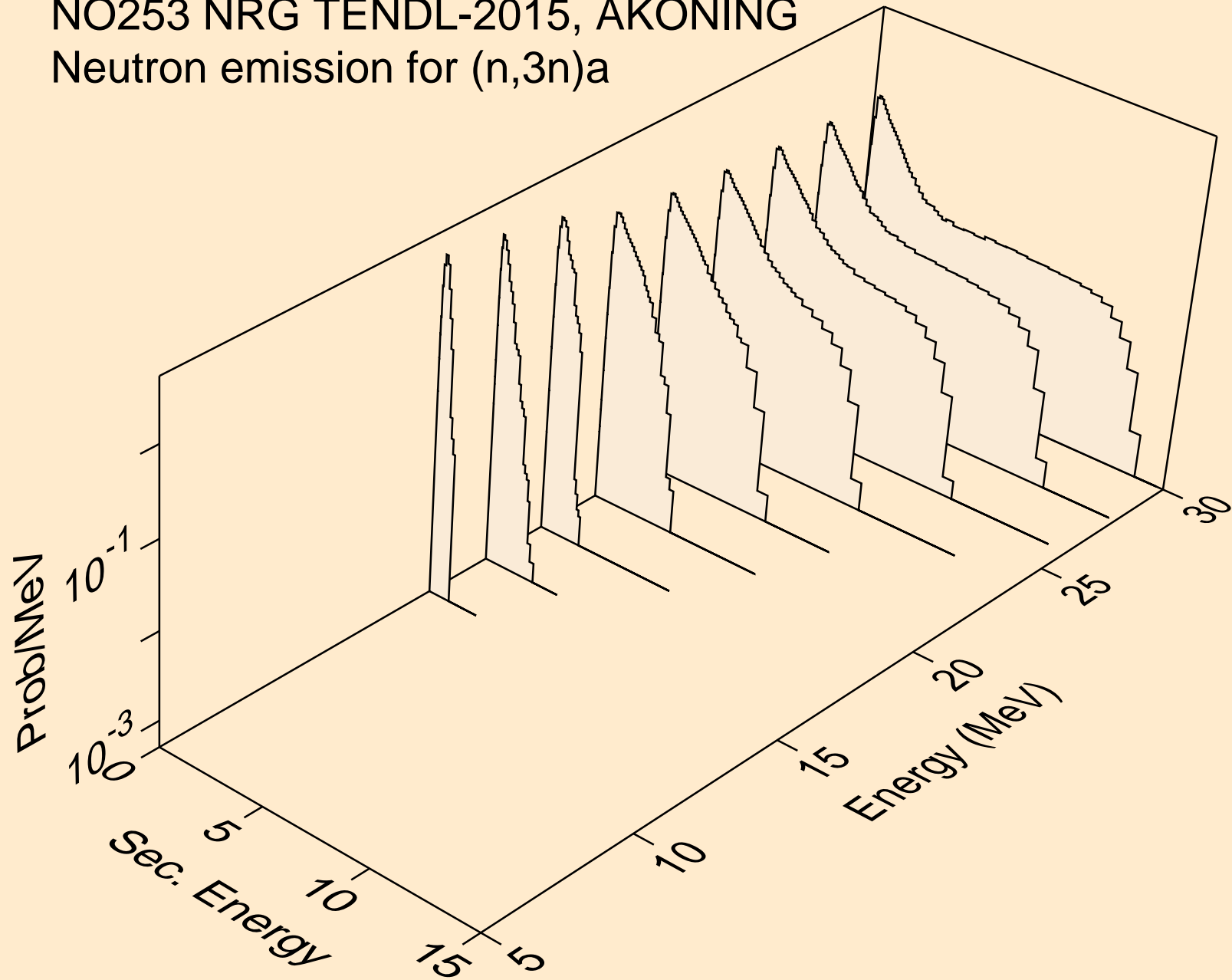
NO253 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a



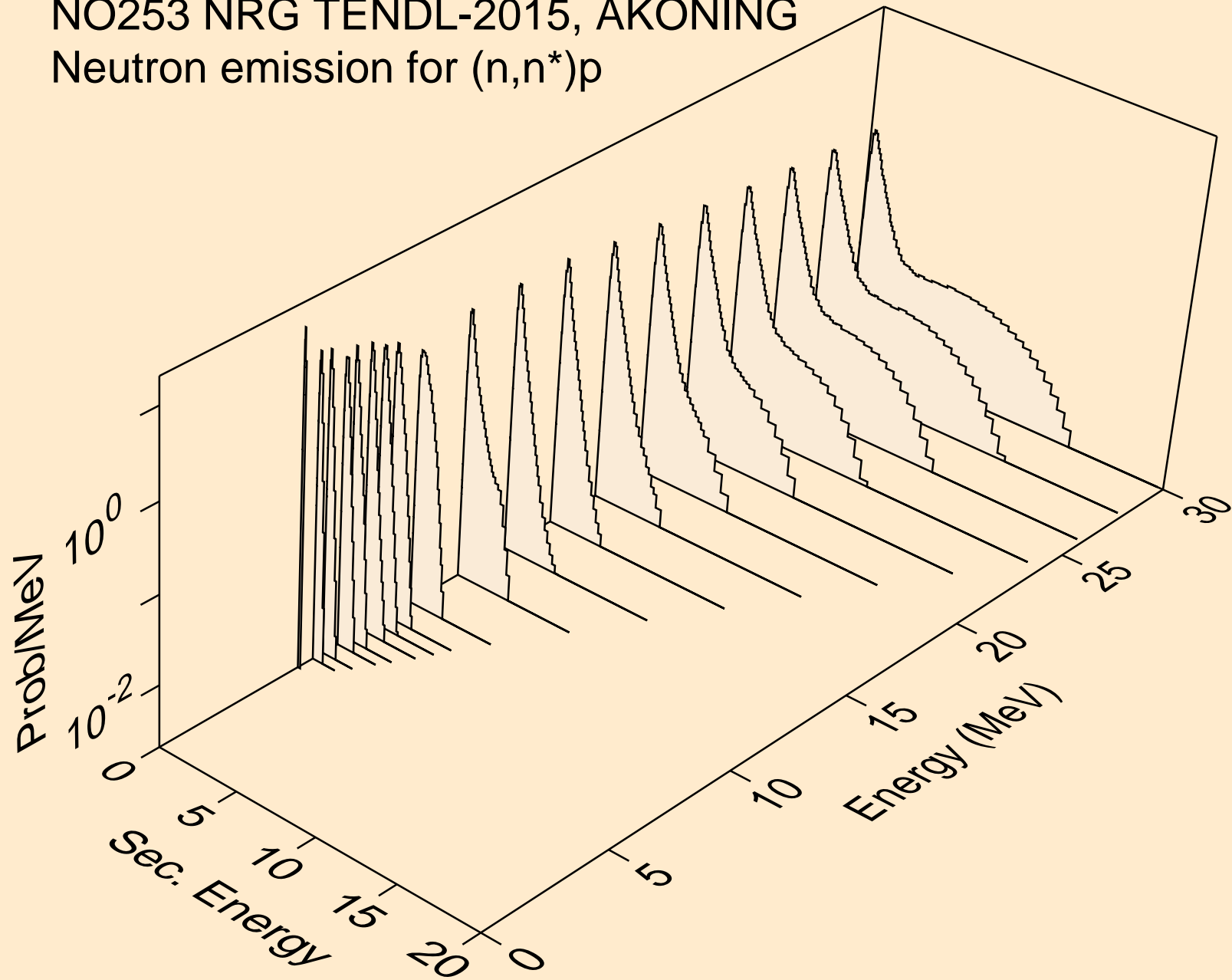
NO253 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



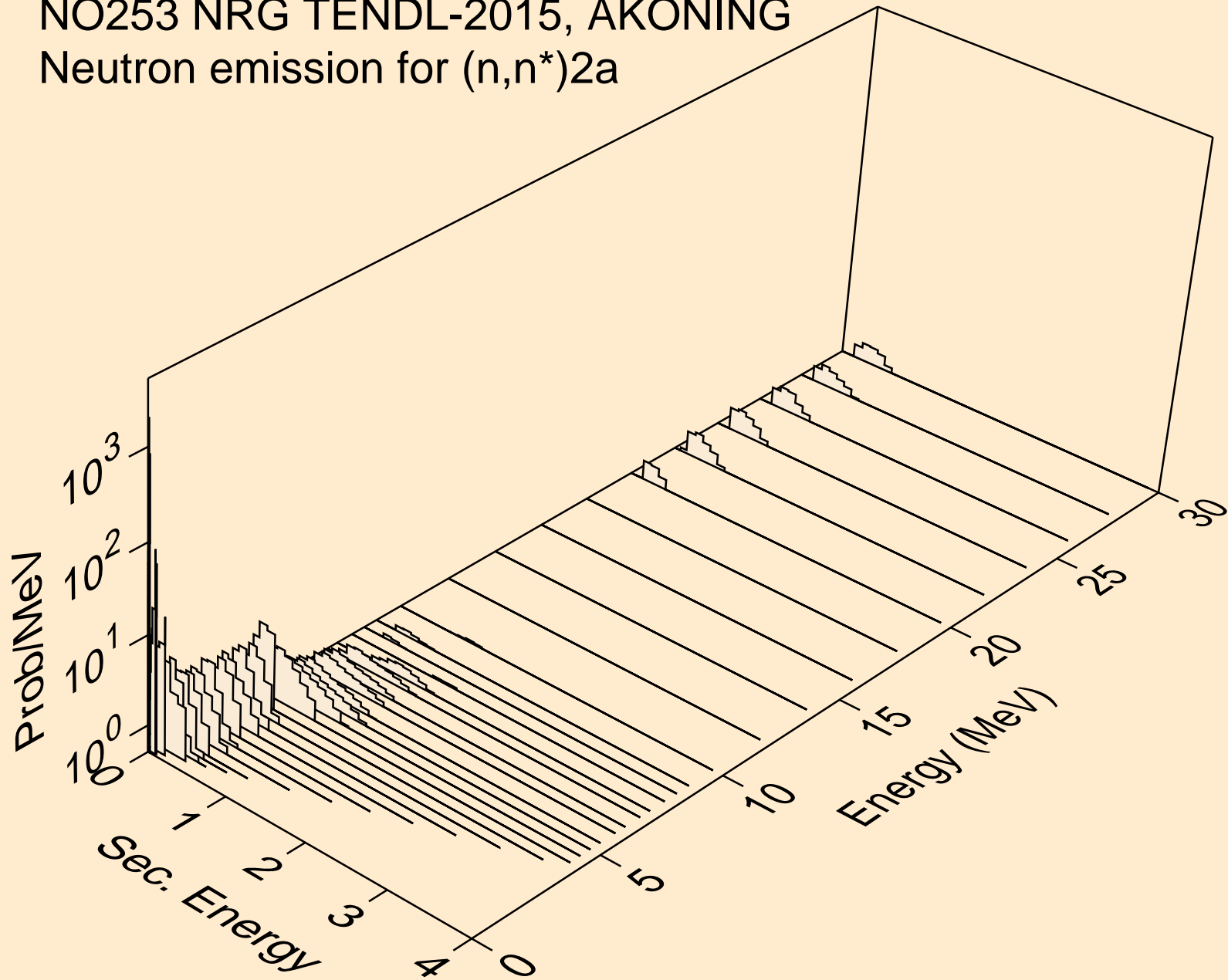
NO253 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



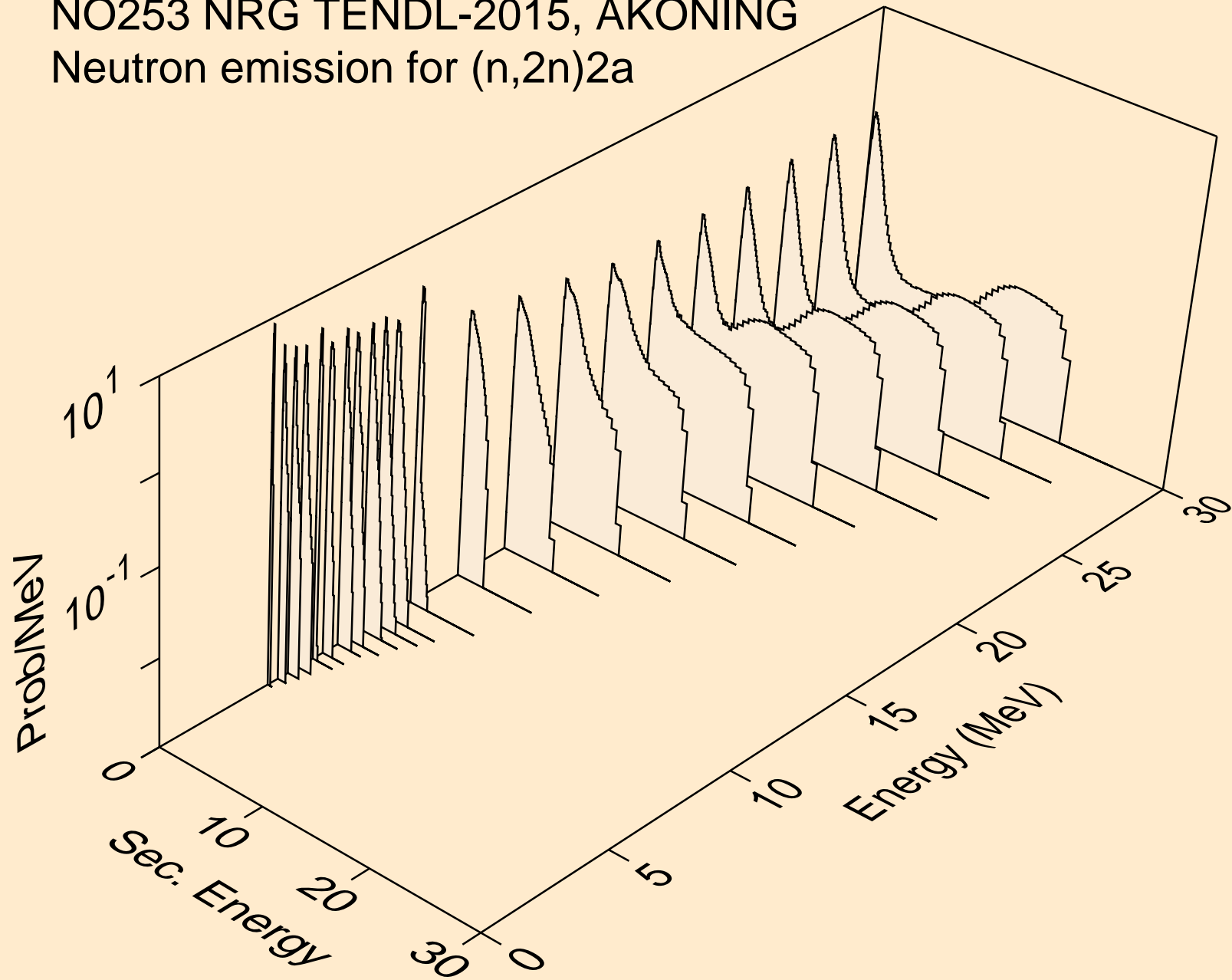
NO253 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



NO253 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

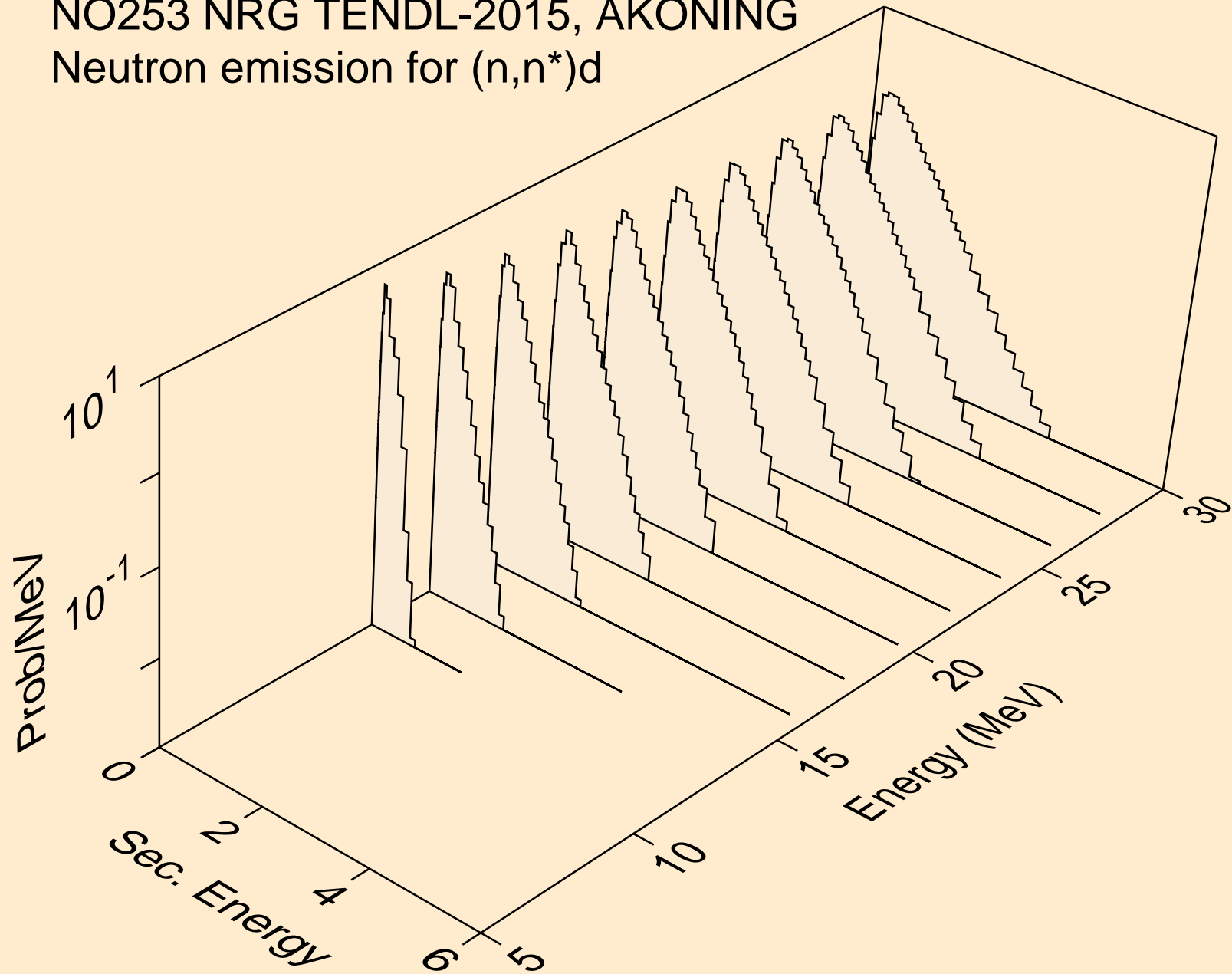


NO253 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a

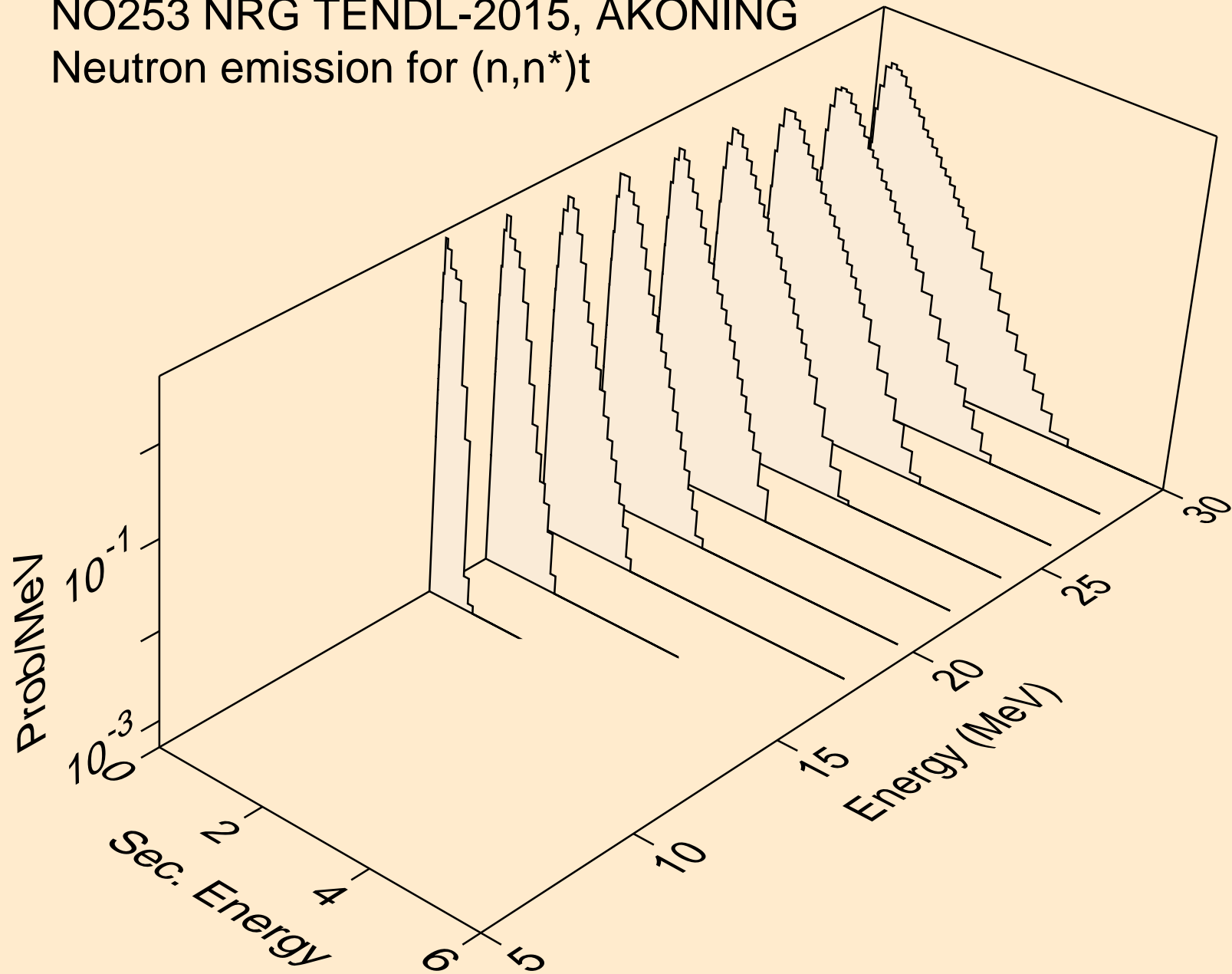




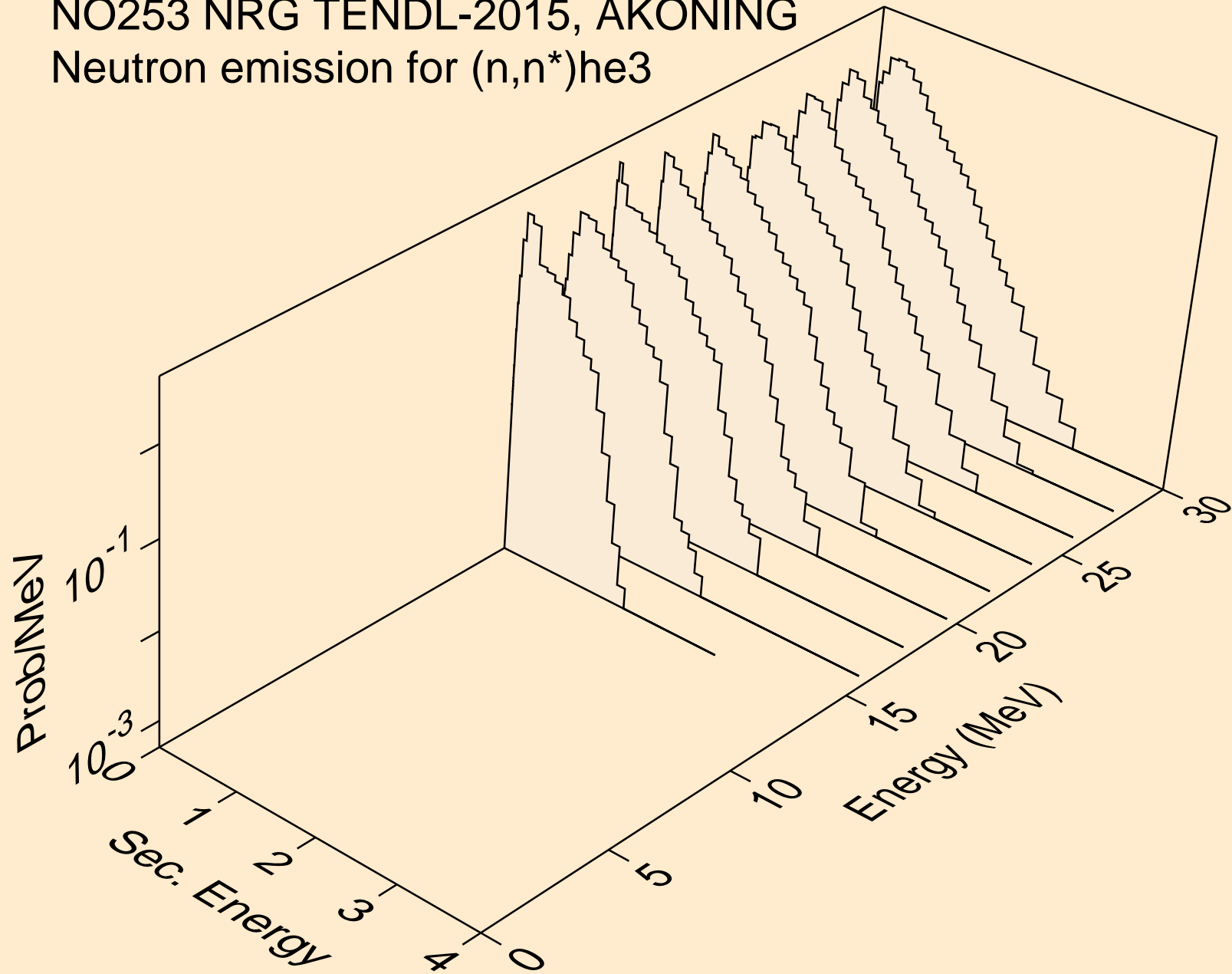
NO253 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



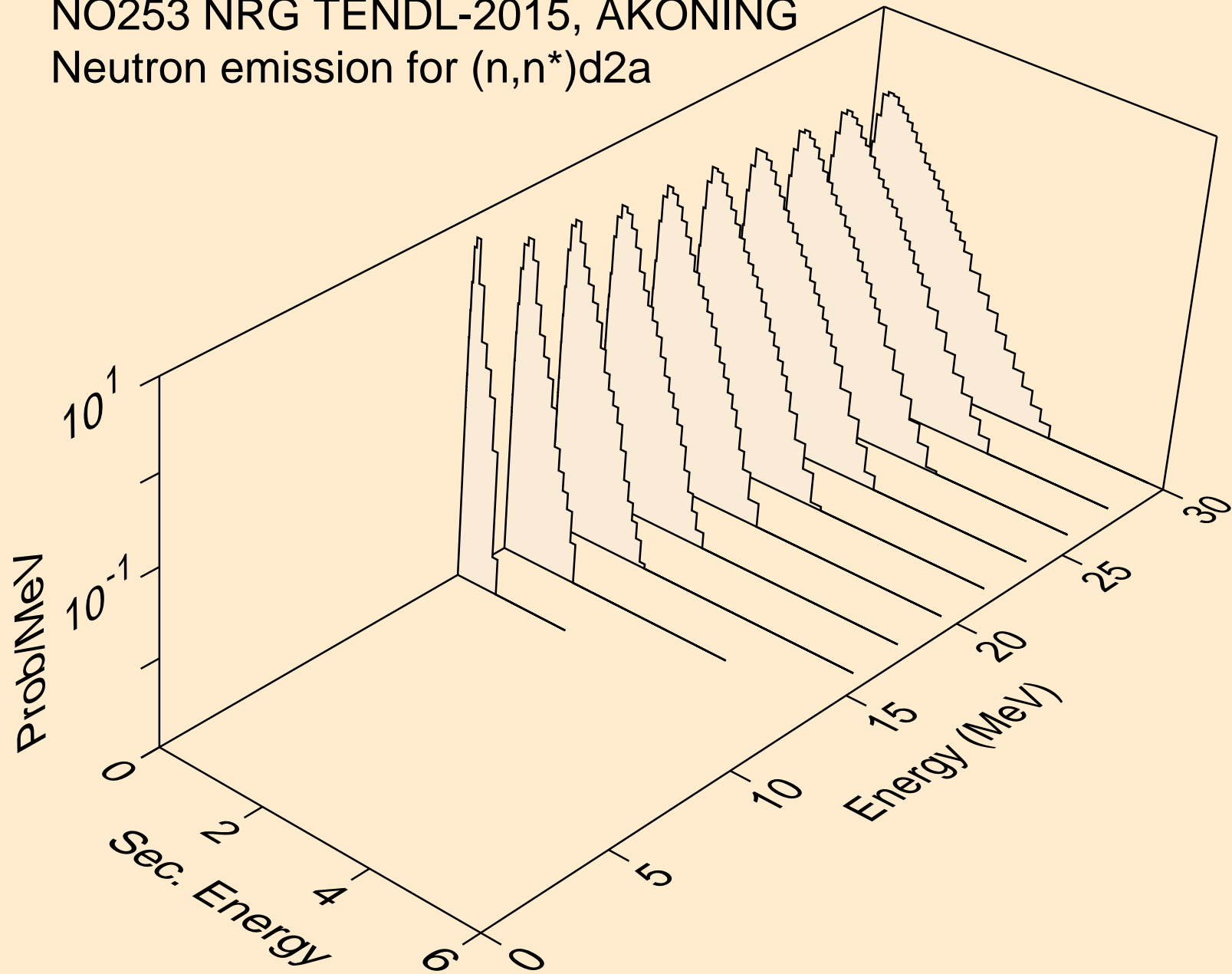
NO253 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



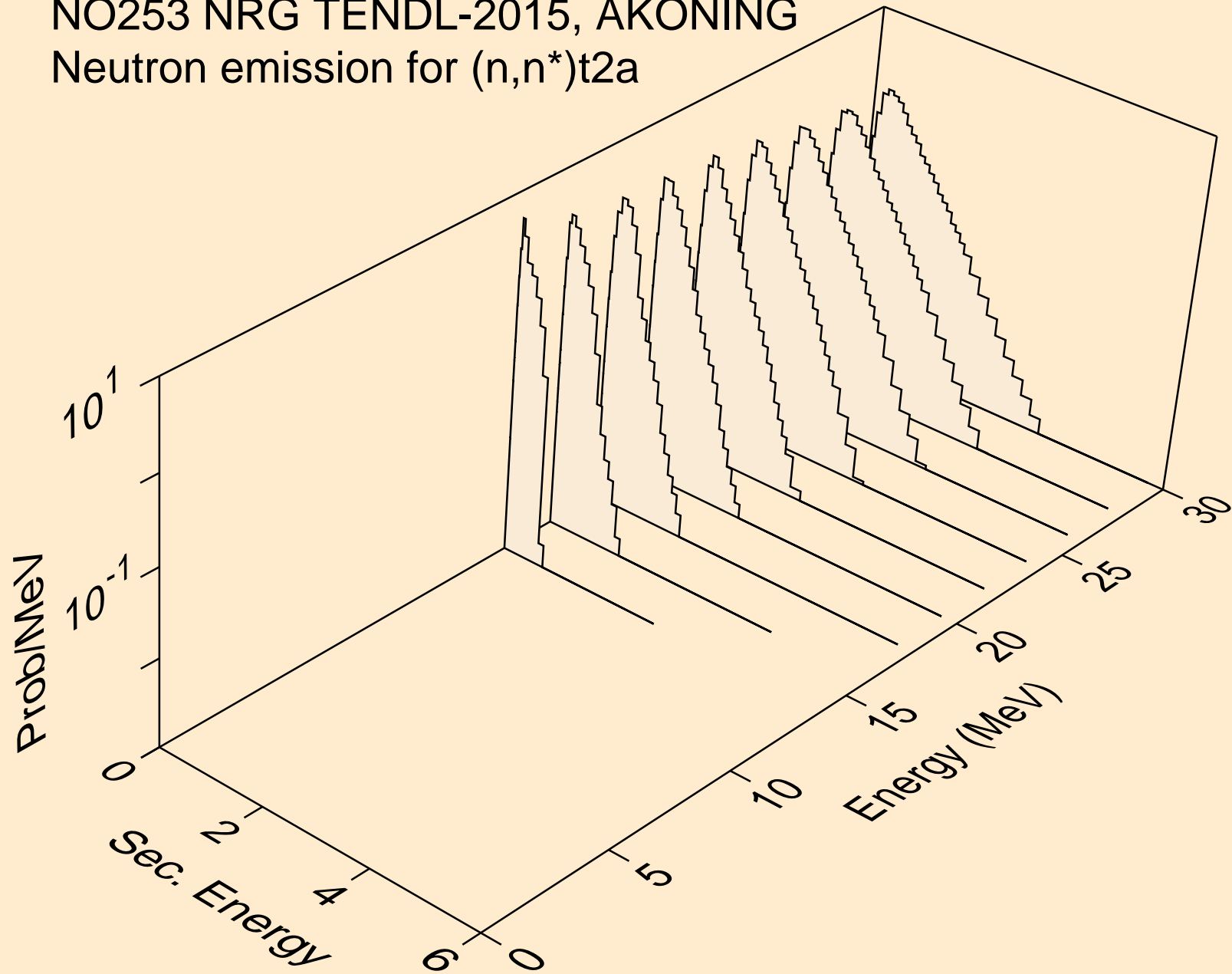
NO253 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



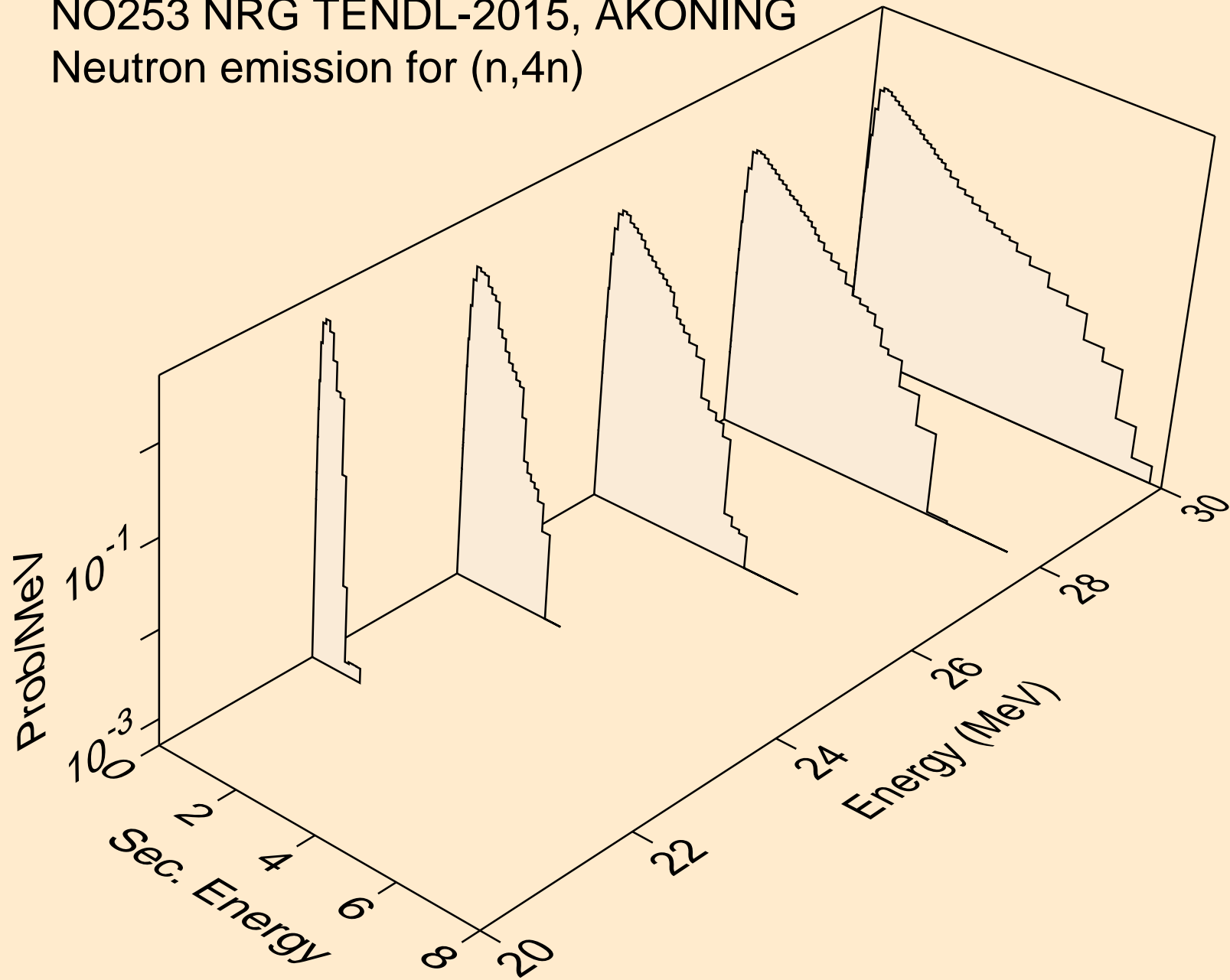
NO253 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d2a



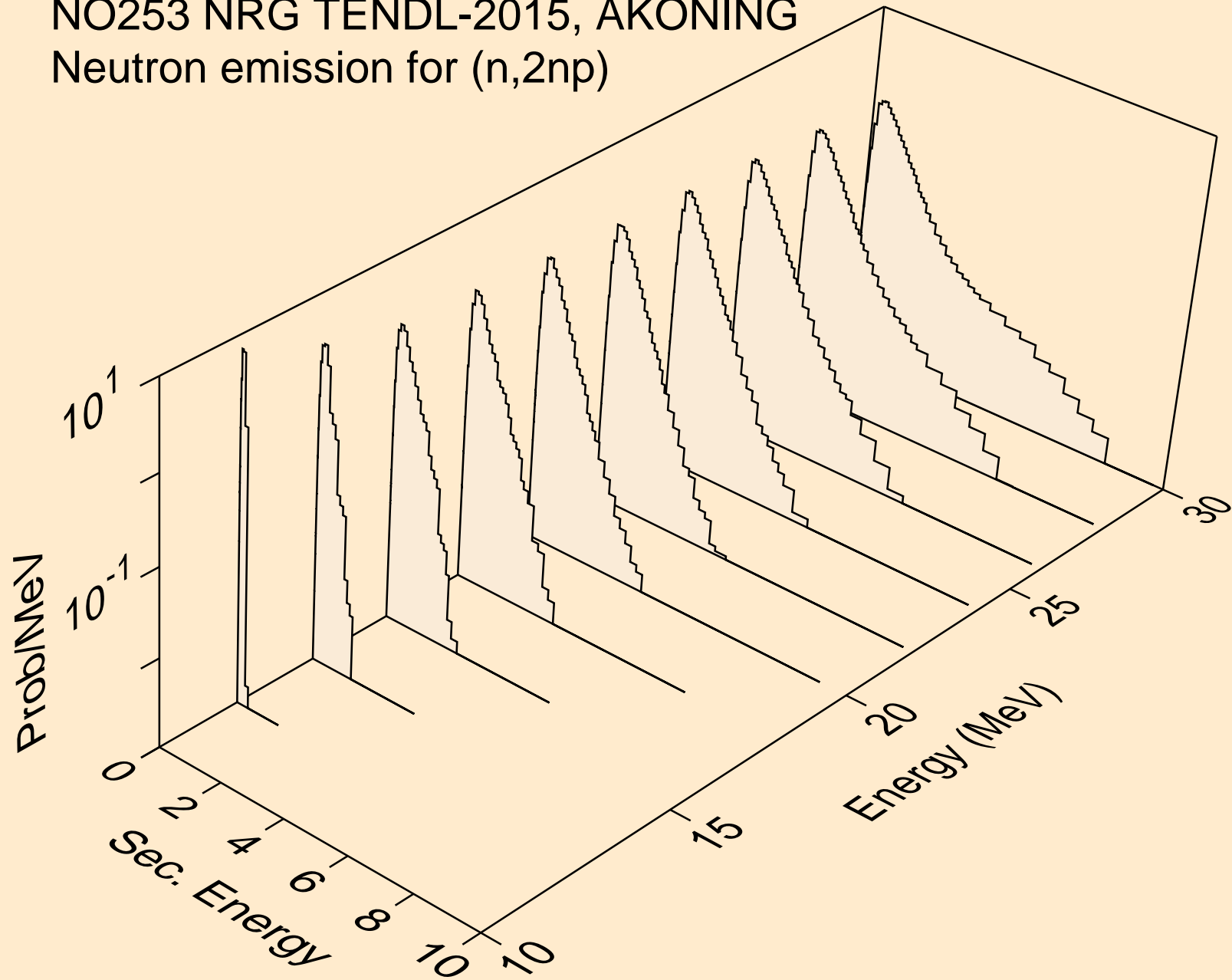
NO253 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t2a



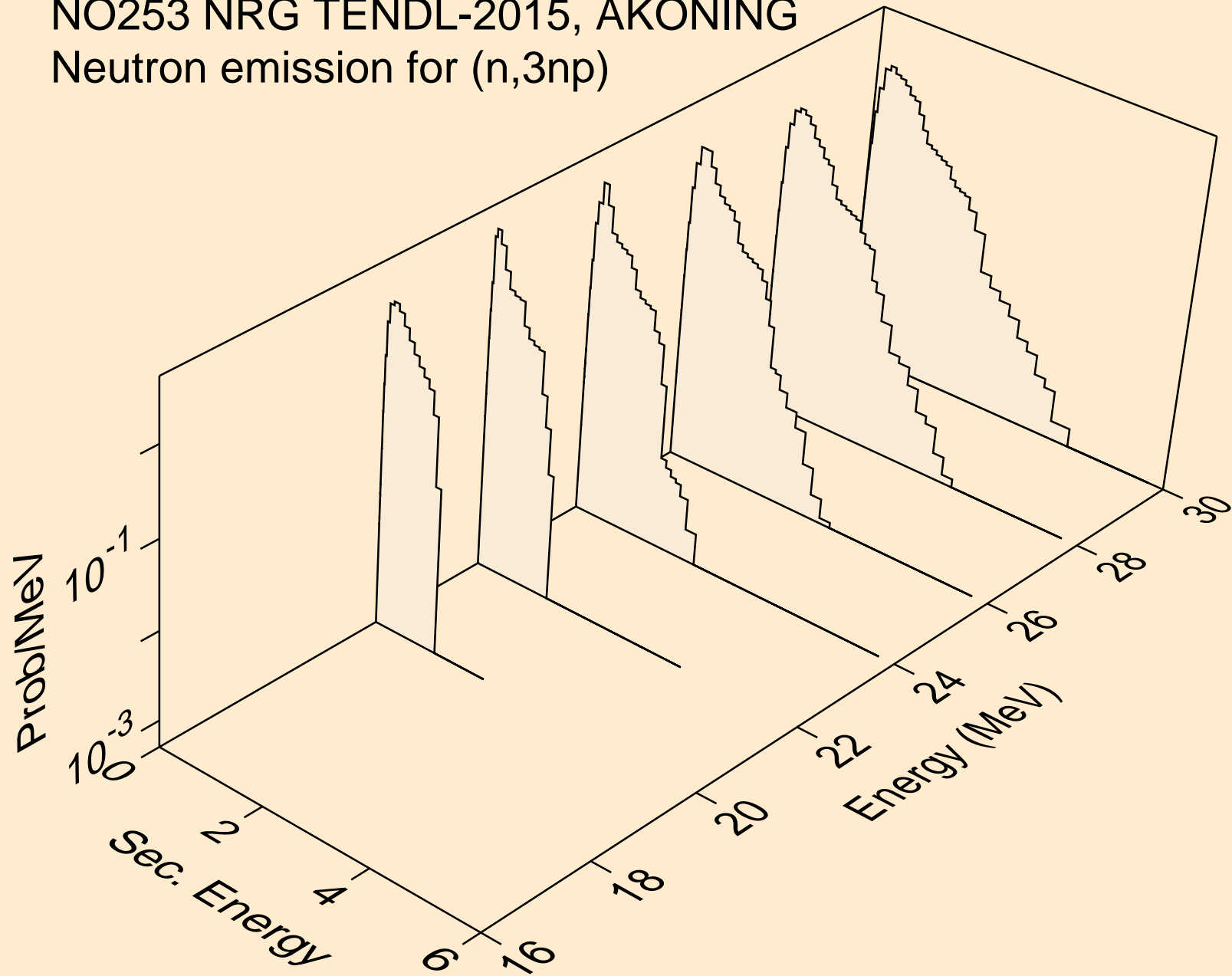
NO253 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



NO253 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

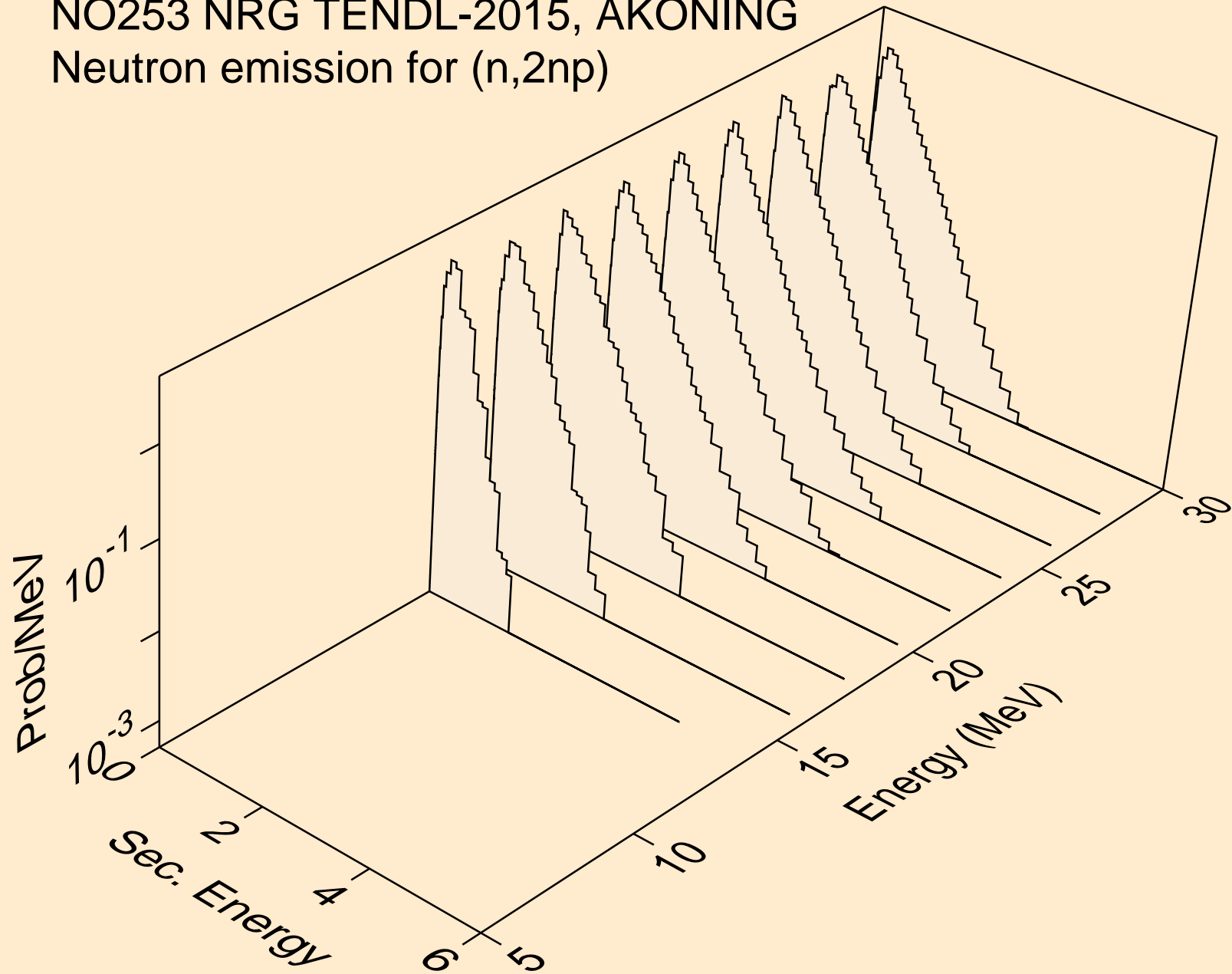


NO253 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

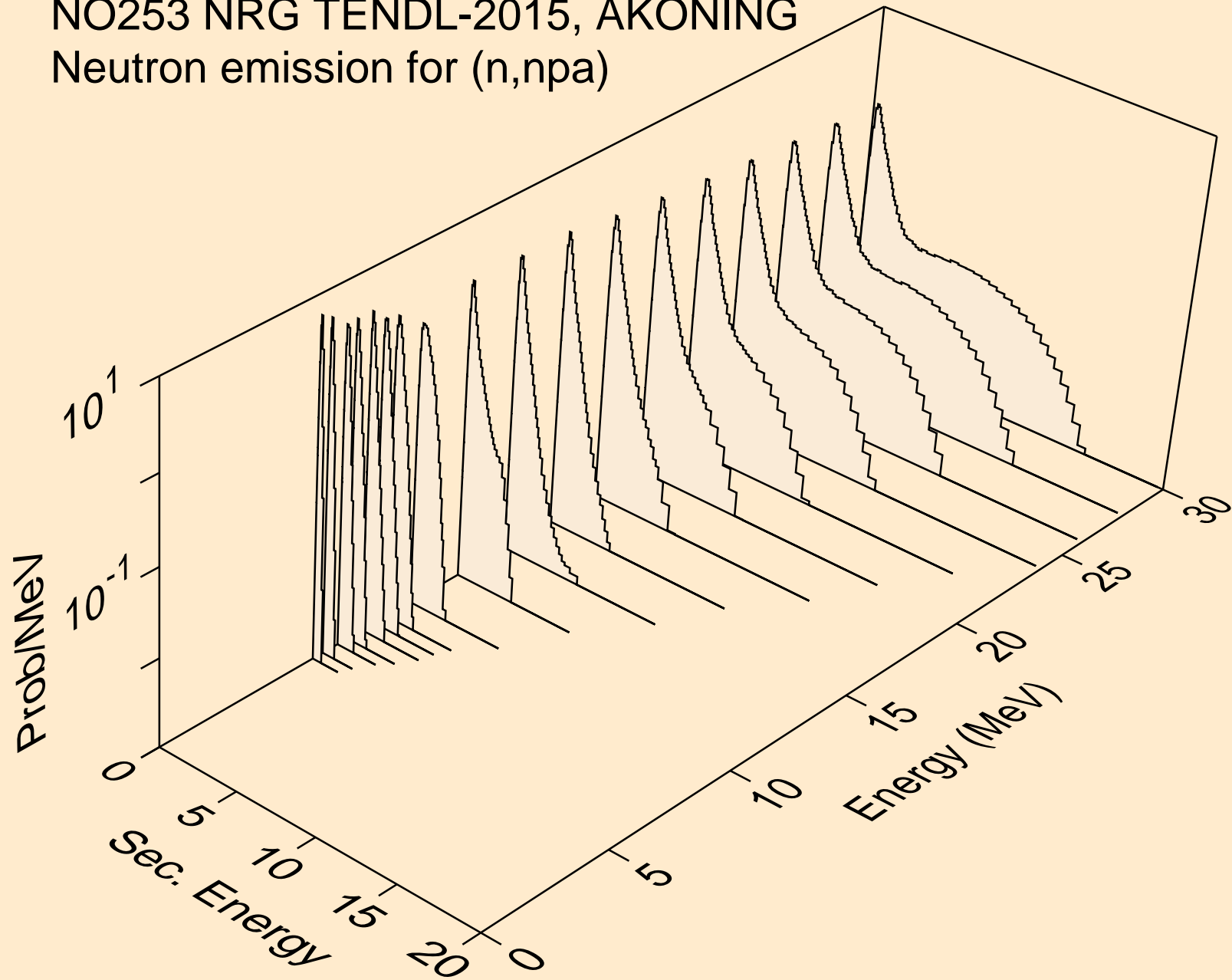




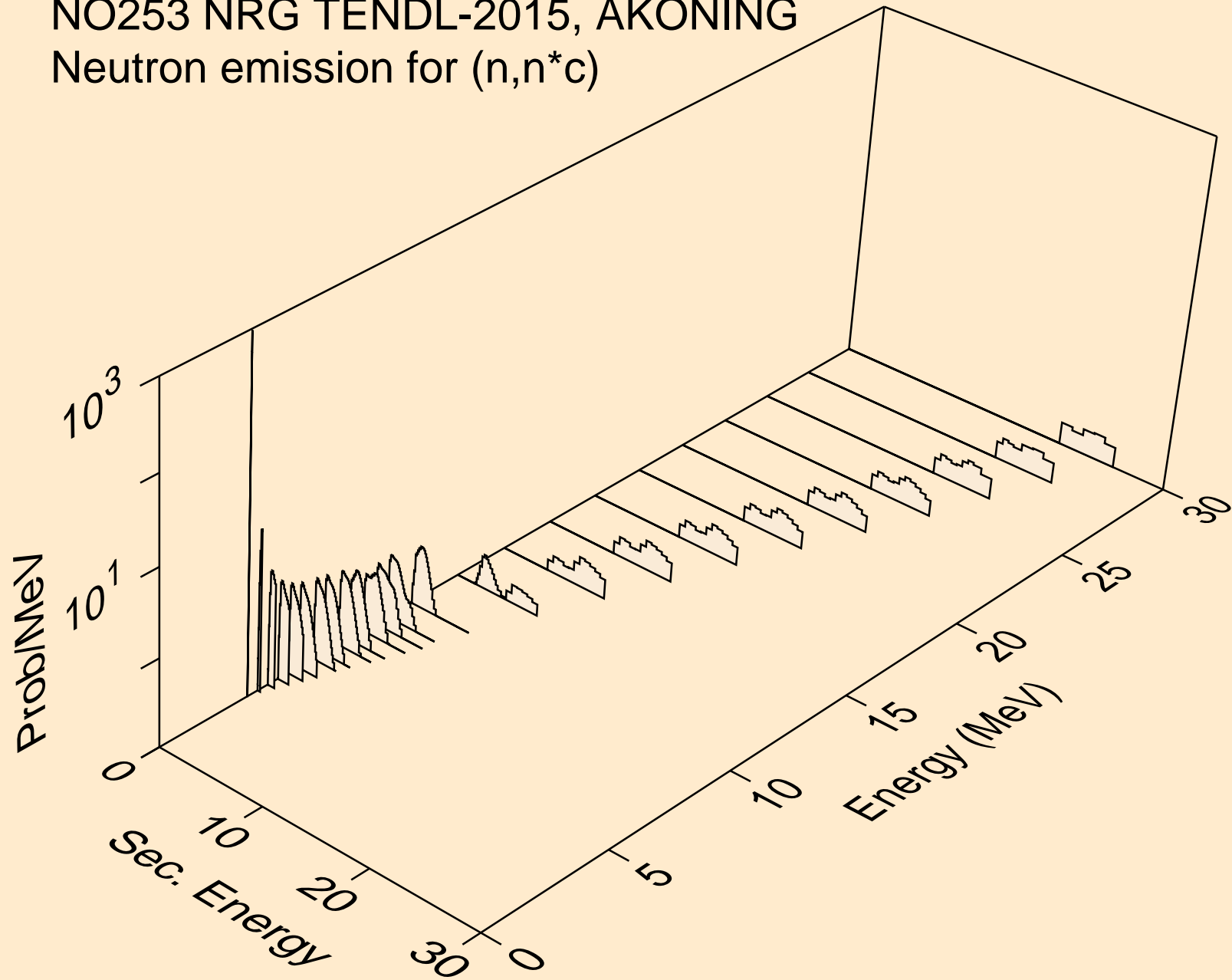
NO253 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



NO253 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

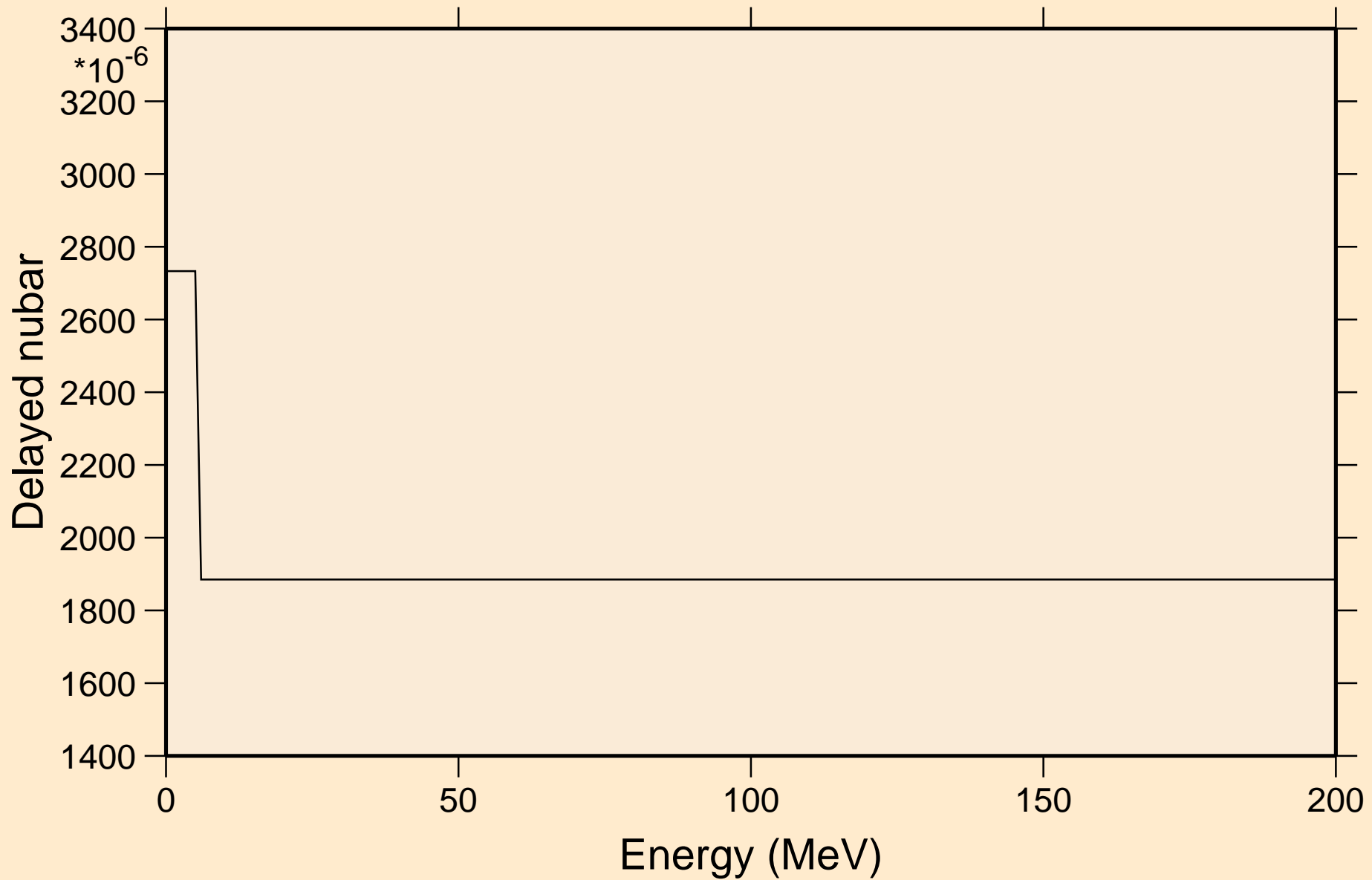


NO253 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



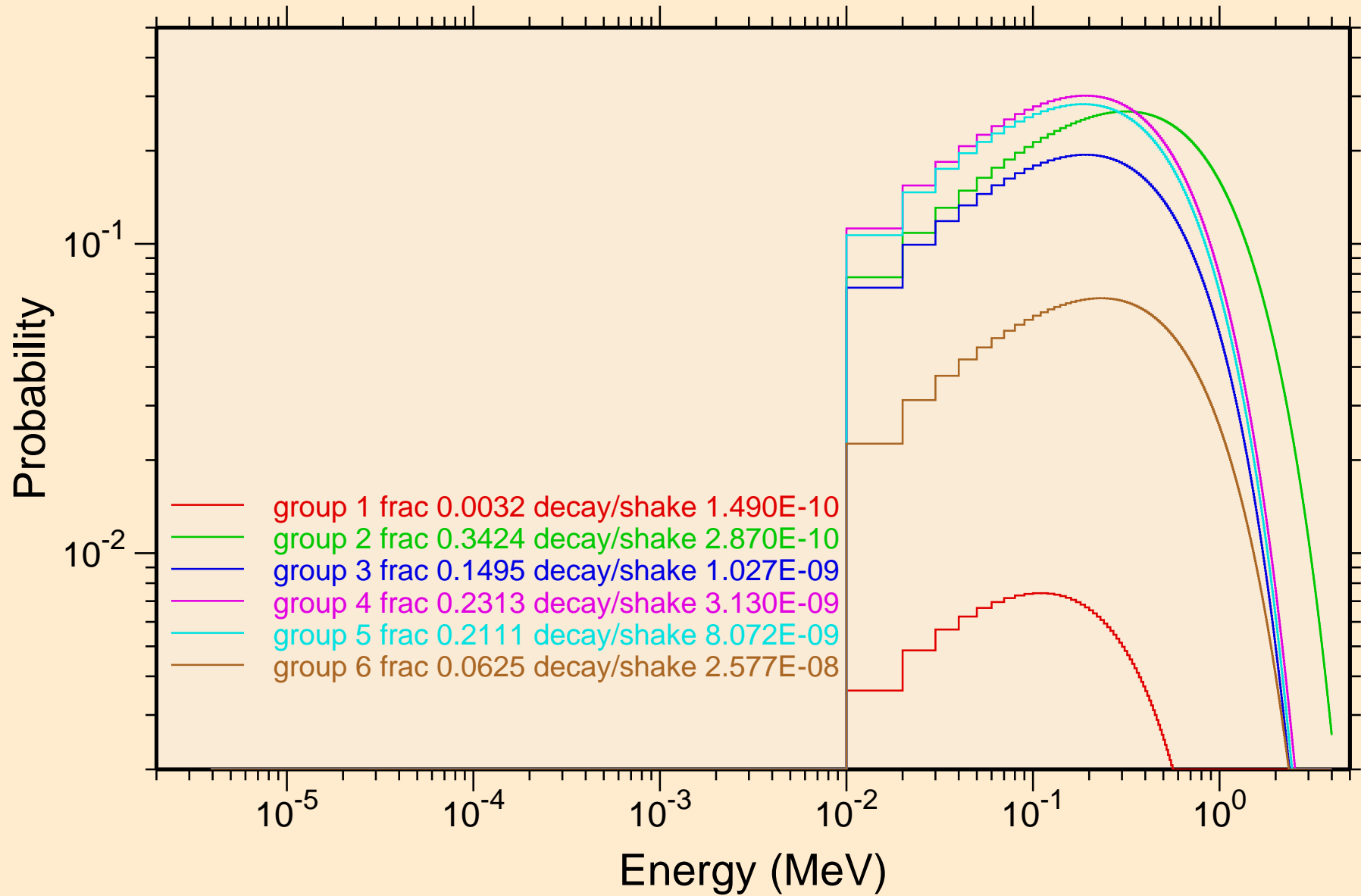
# NO253 NRG TENDL-2015, AKONING

Delayed nubar

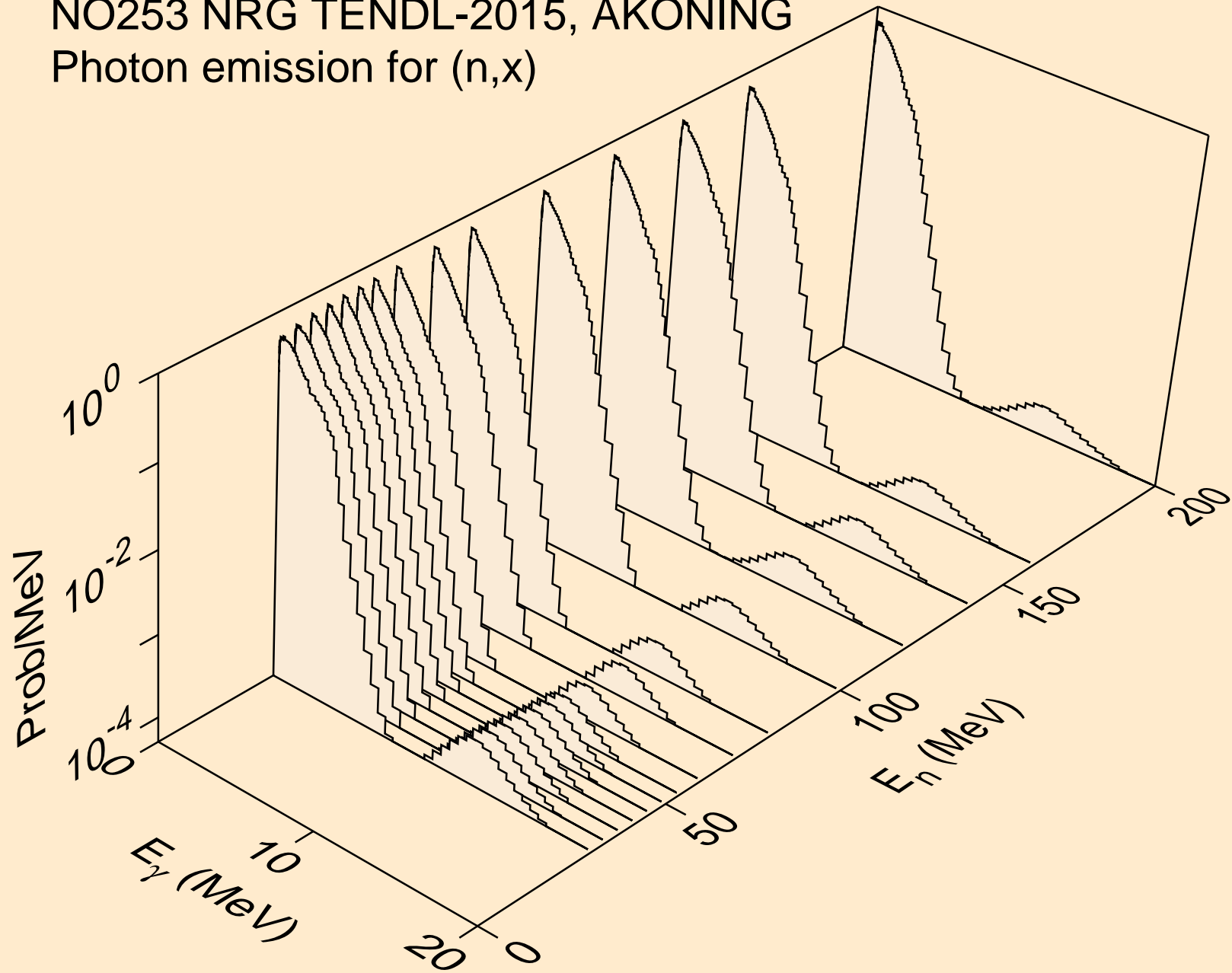


# NO253 NRG TENDL-2015, AKONING

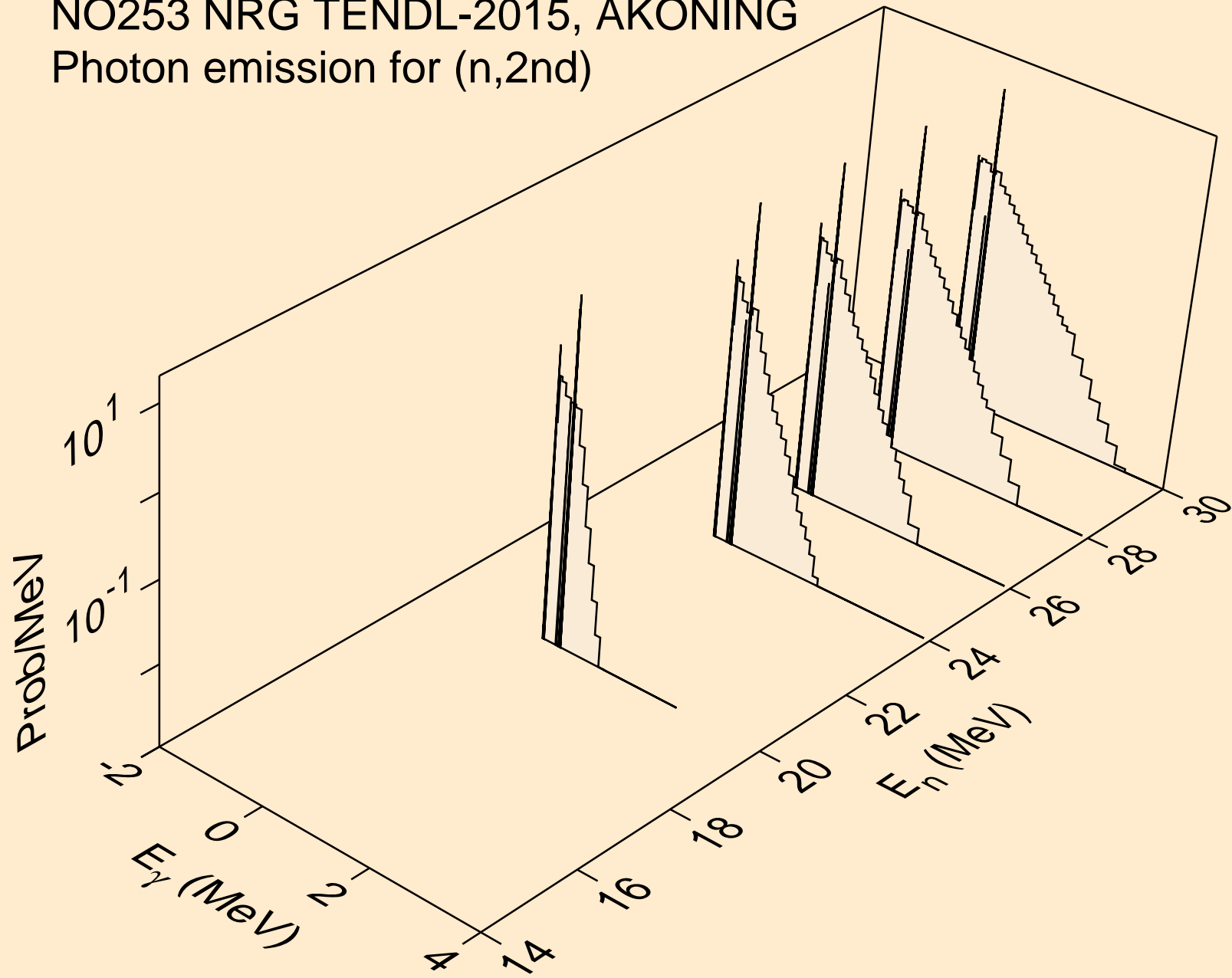
## Delayed neutron spectra



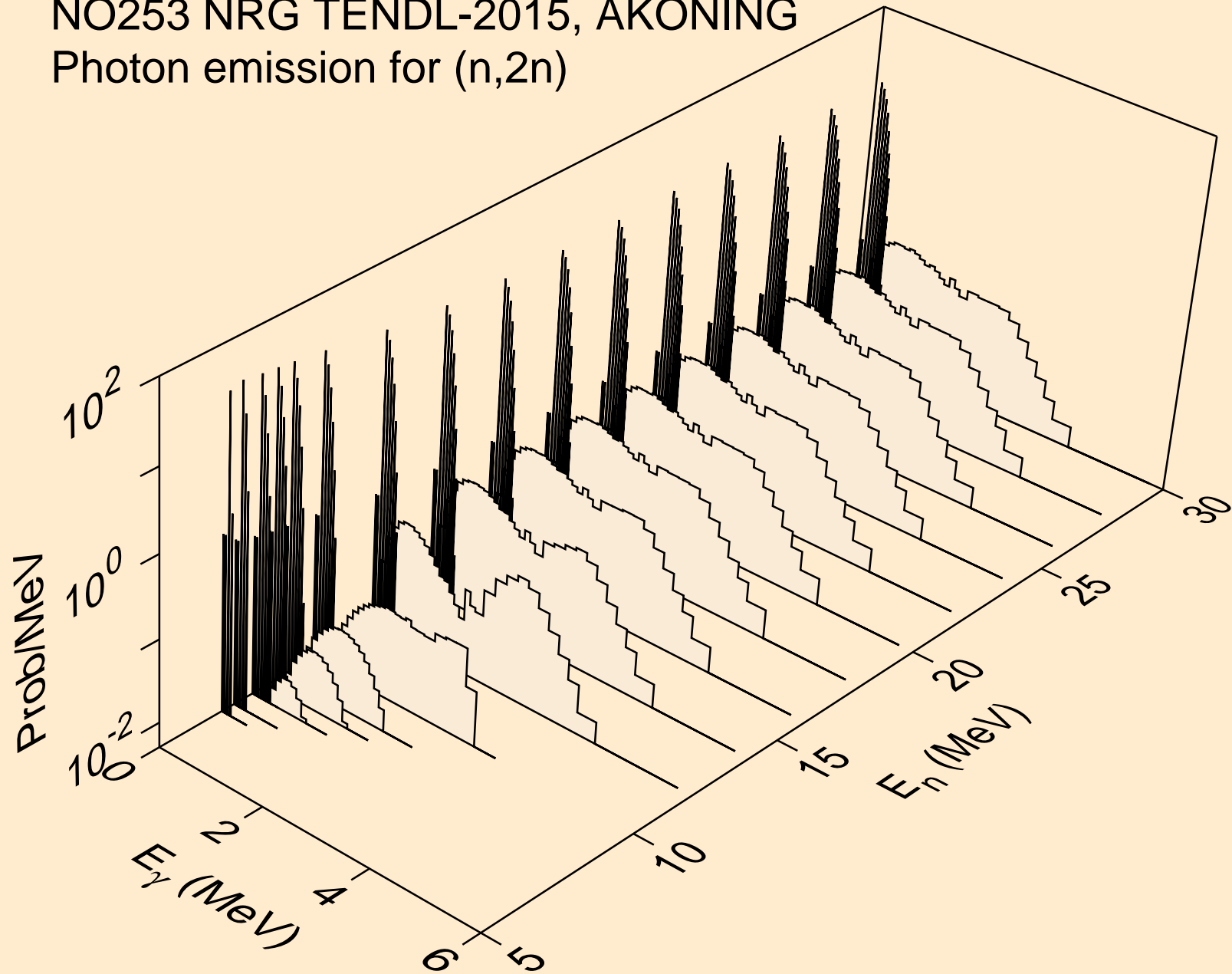
NO253 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



NO253 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

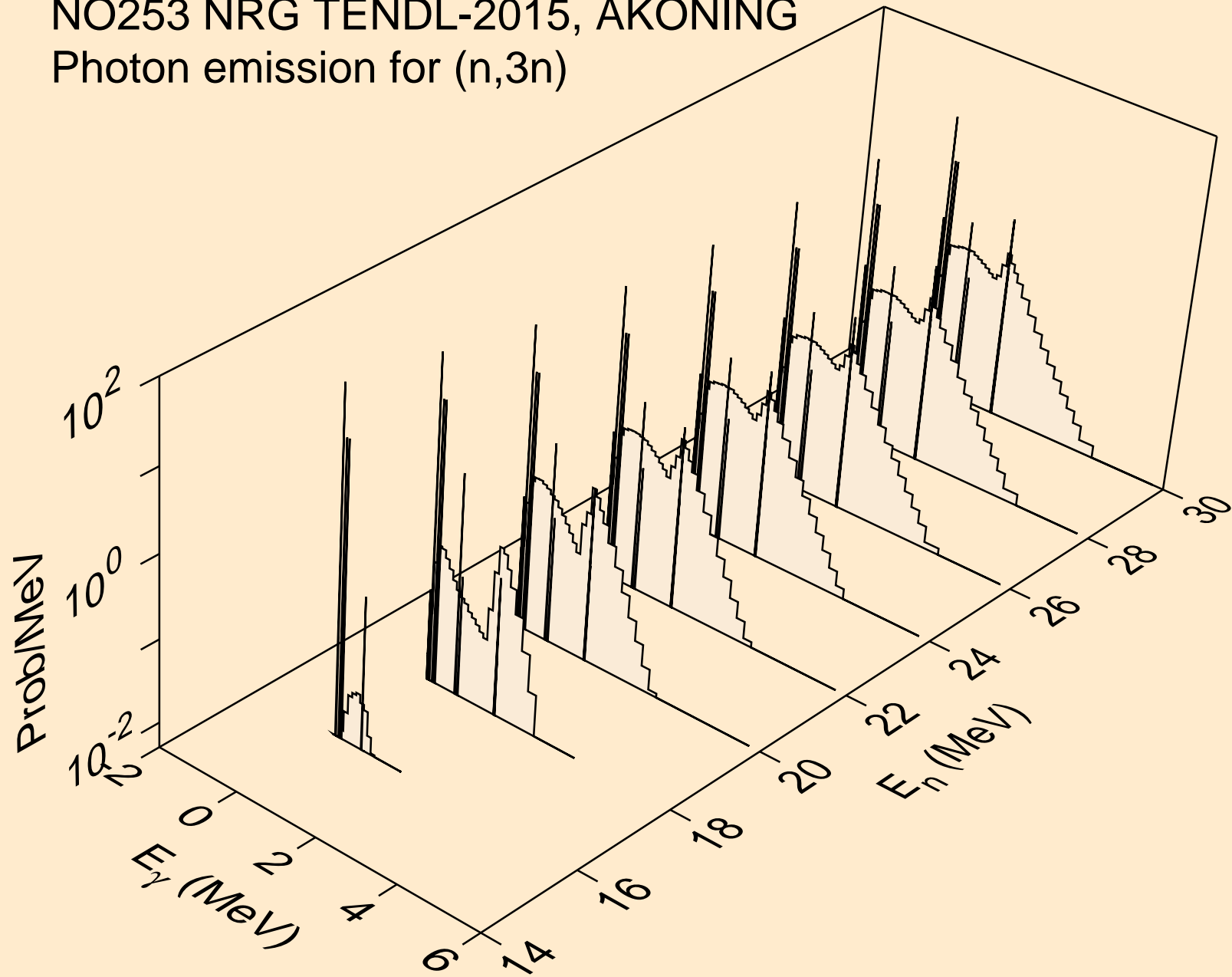


NO253 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

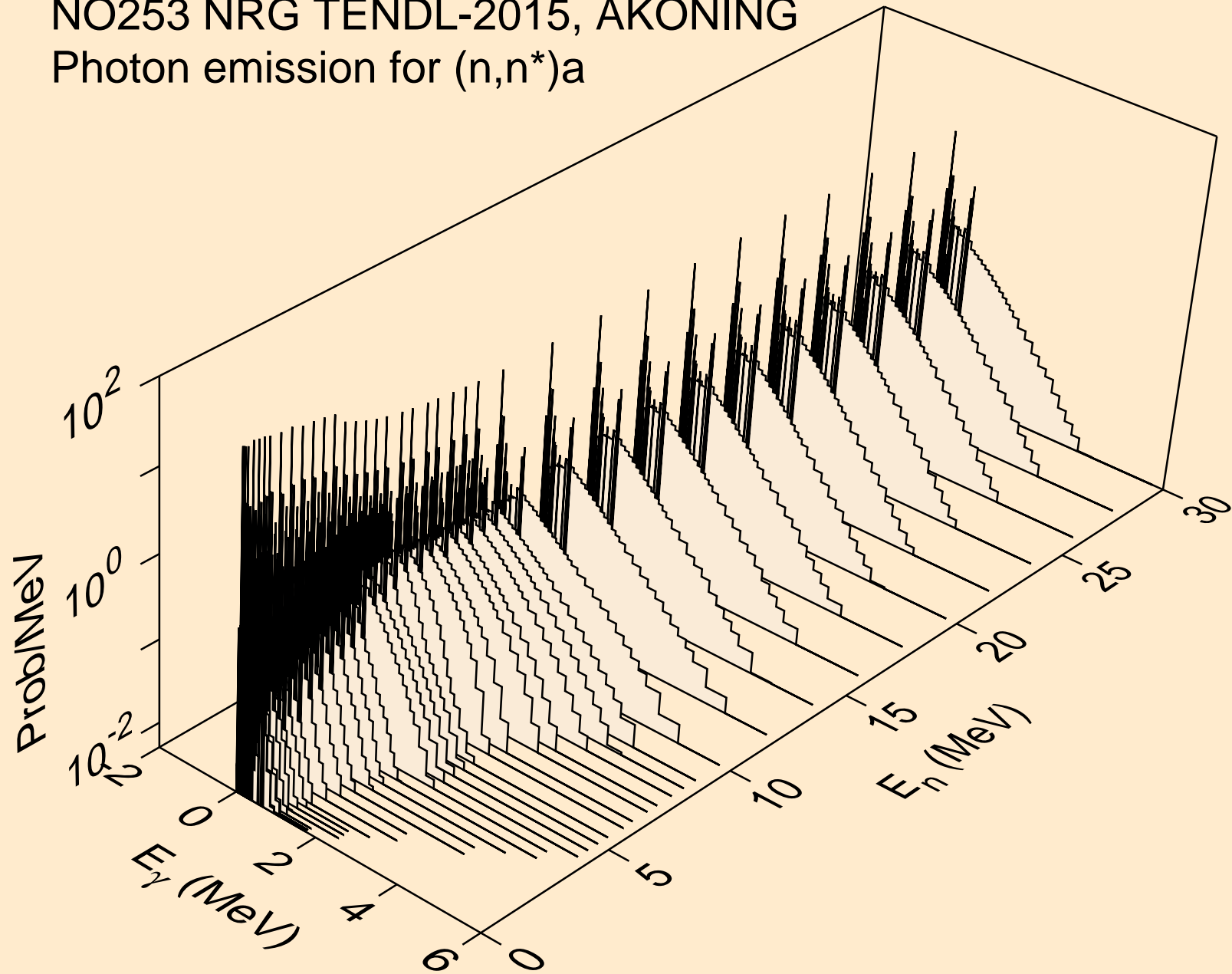




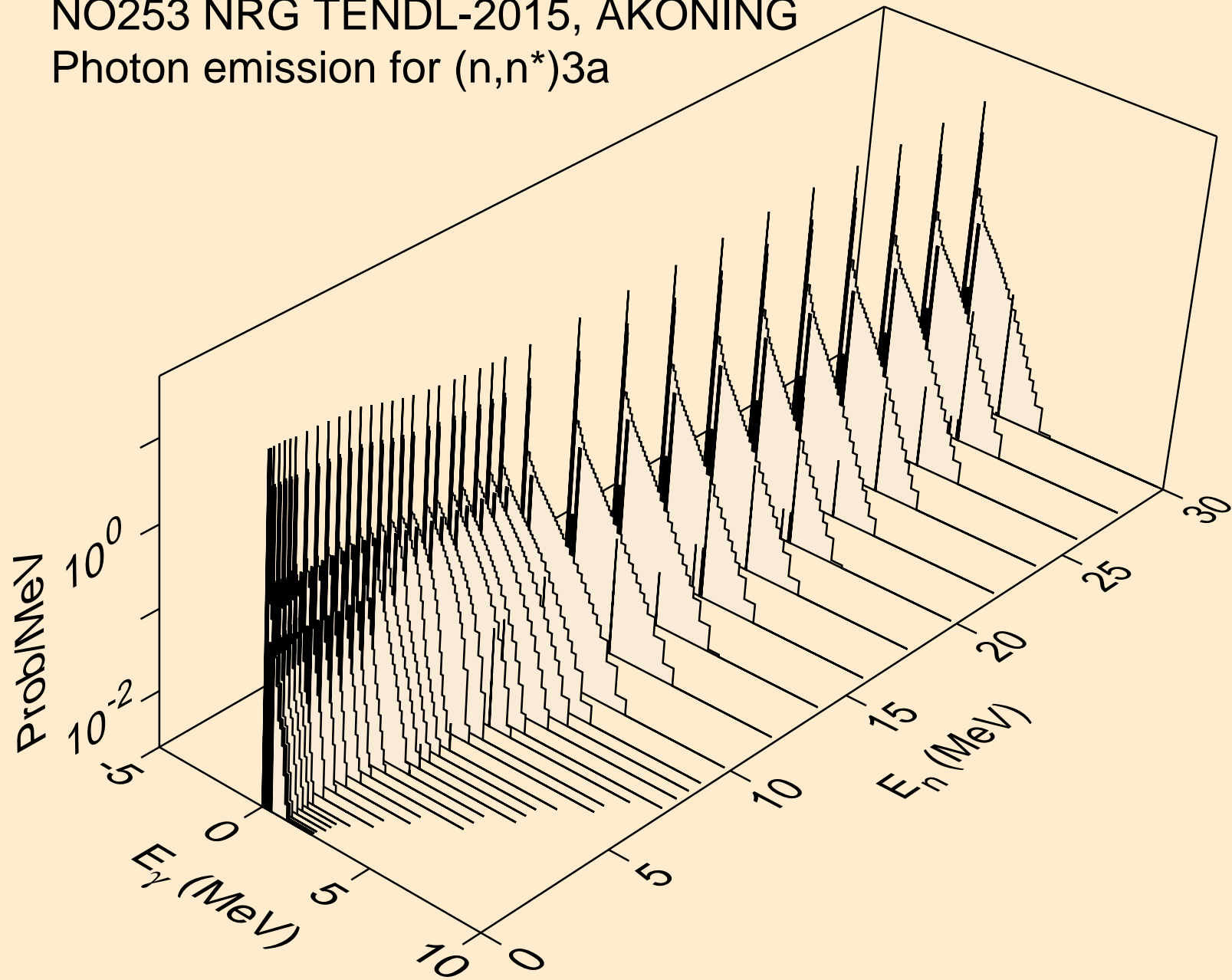
NO253 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



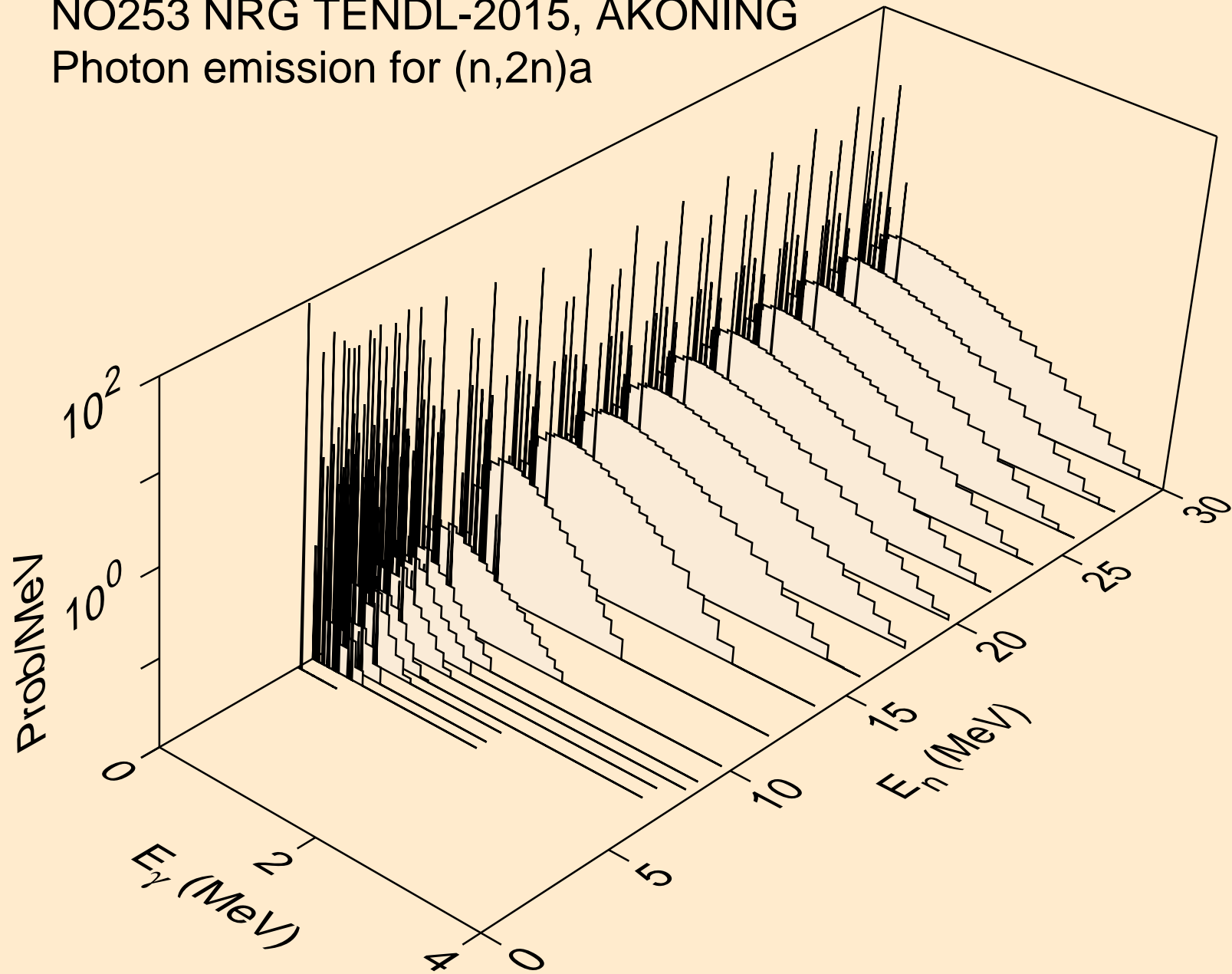
NO253 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



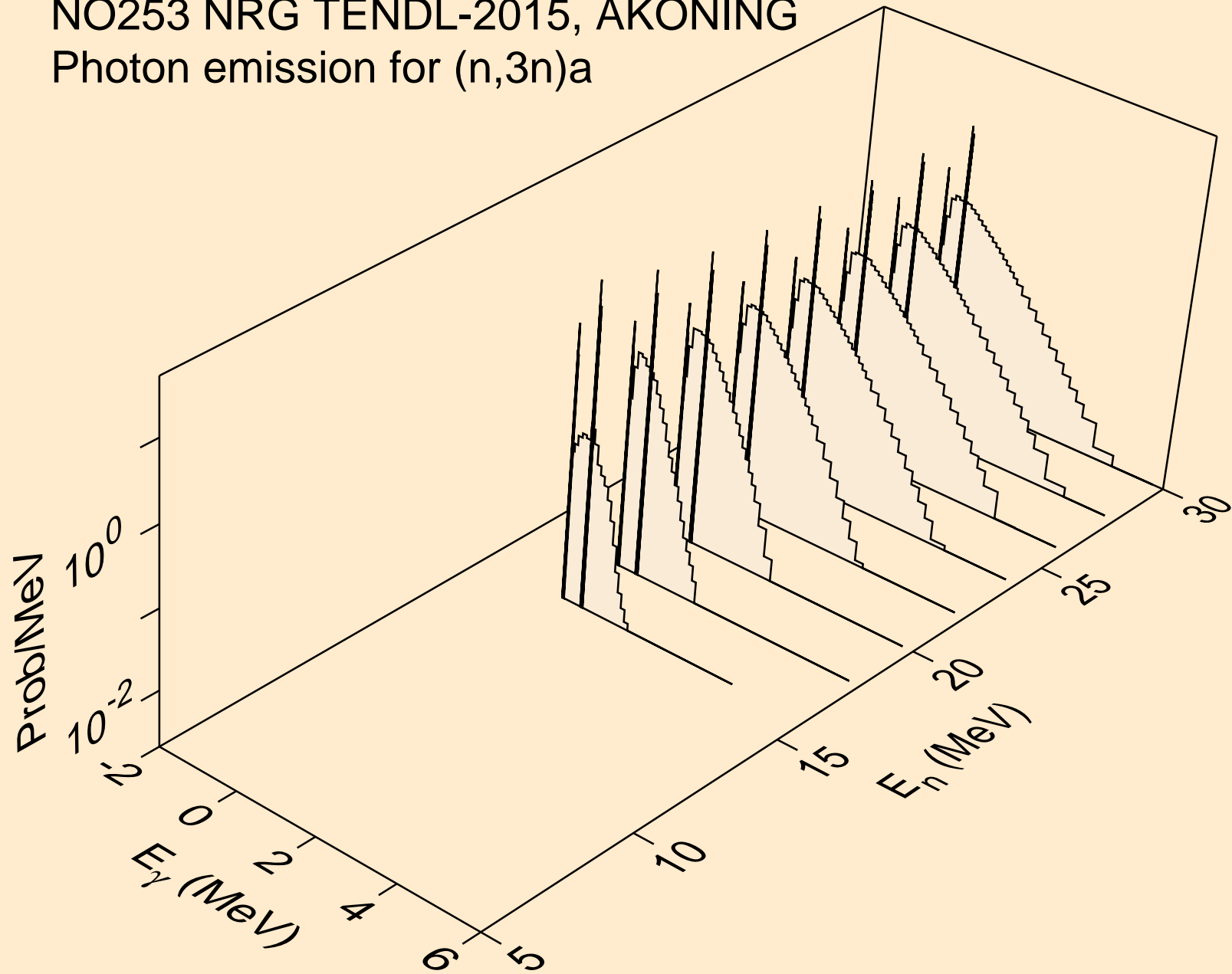
NO253 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a



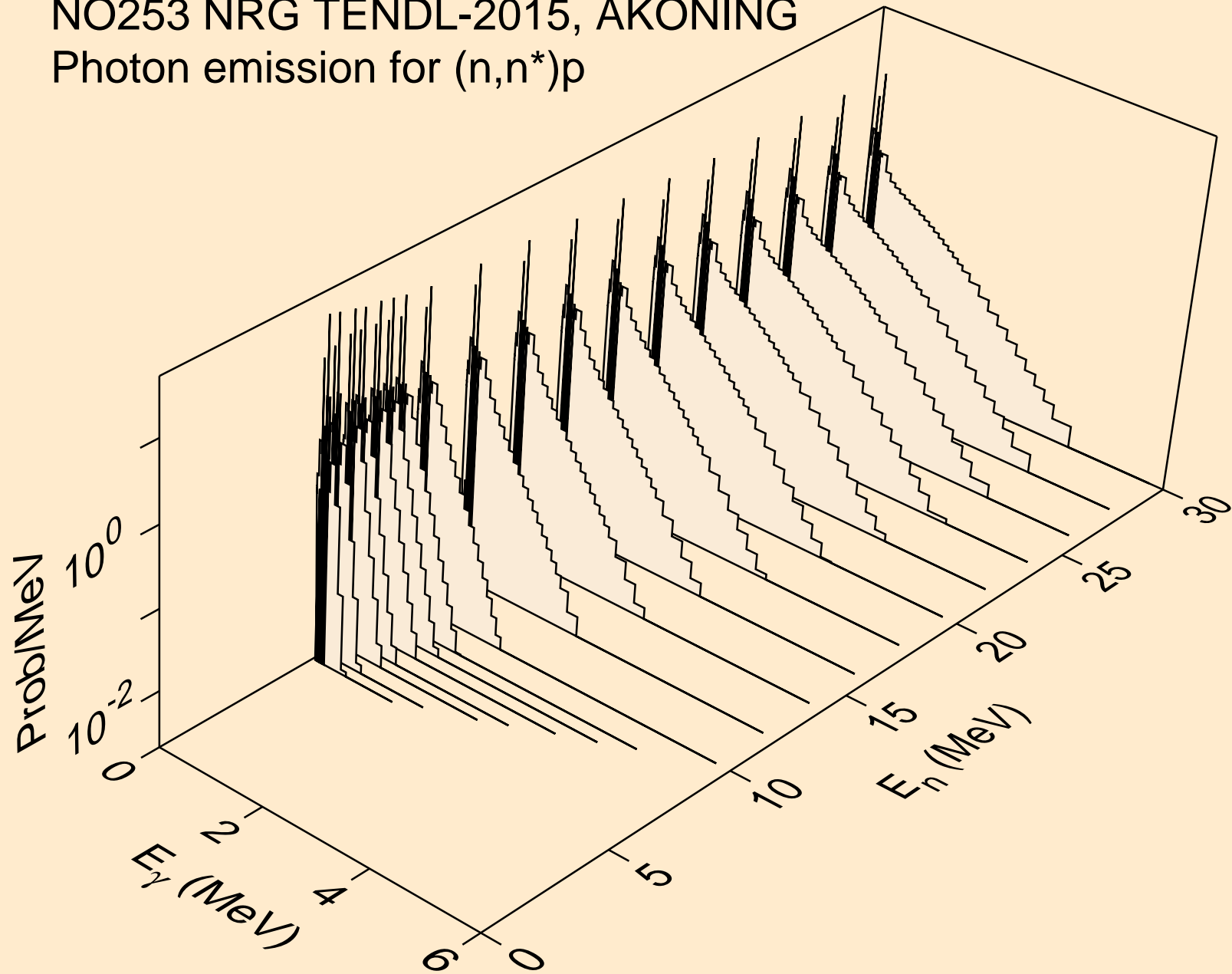
NO253 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



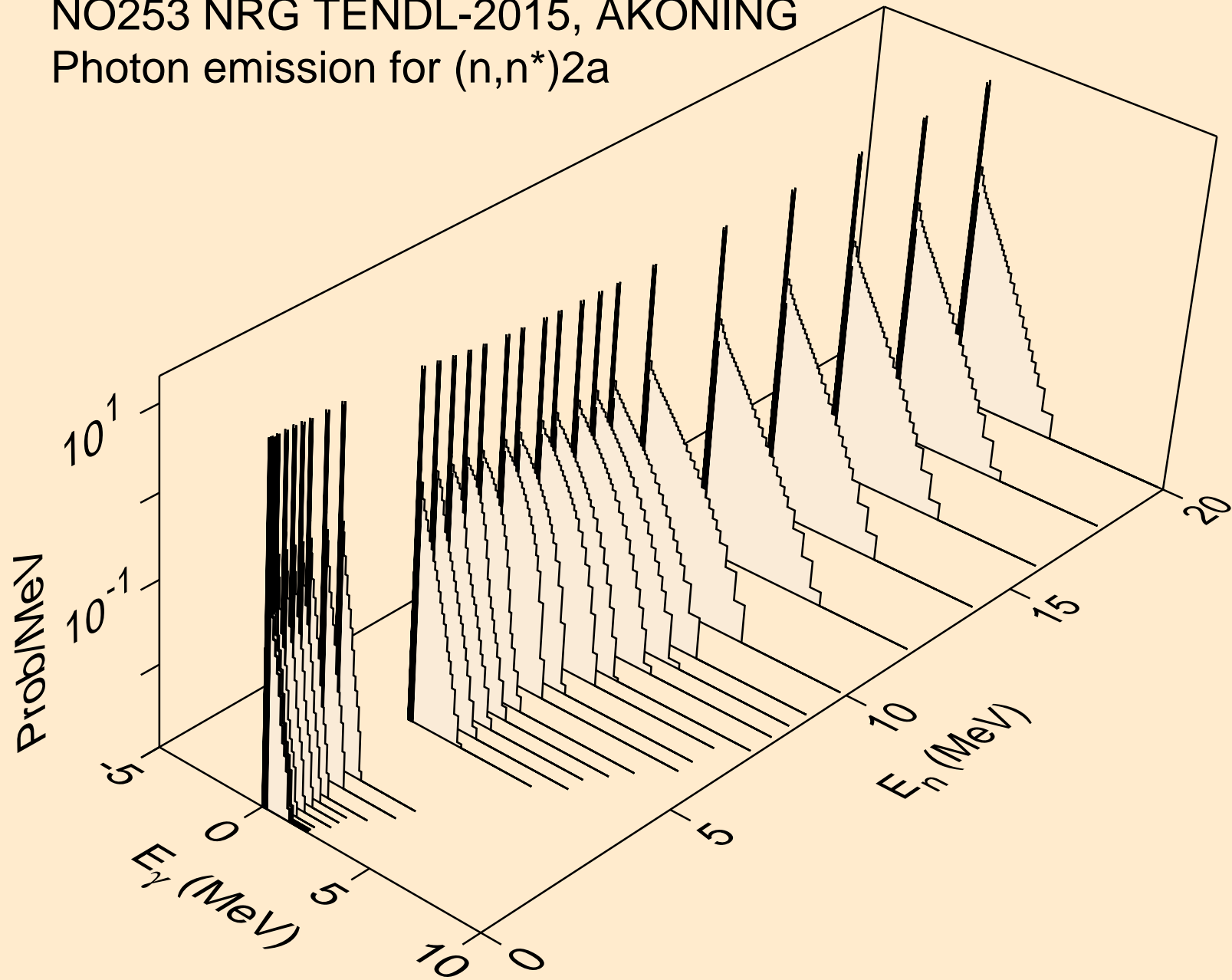
NO253 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



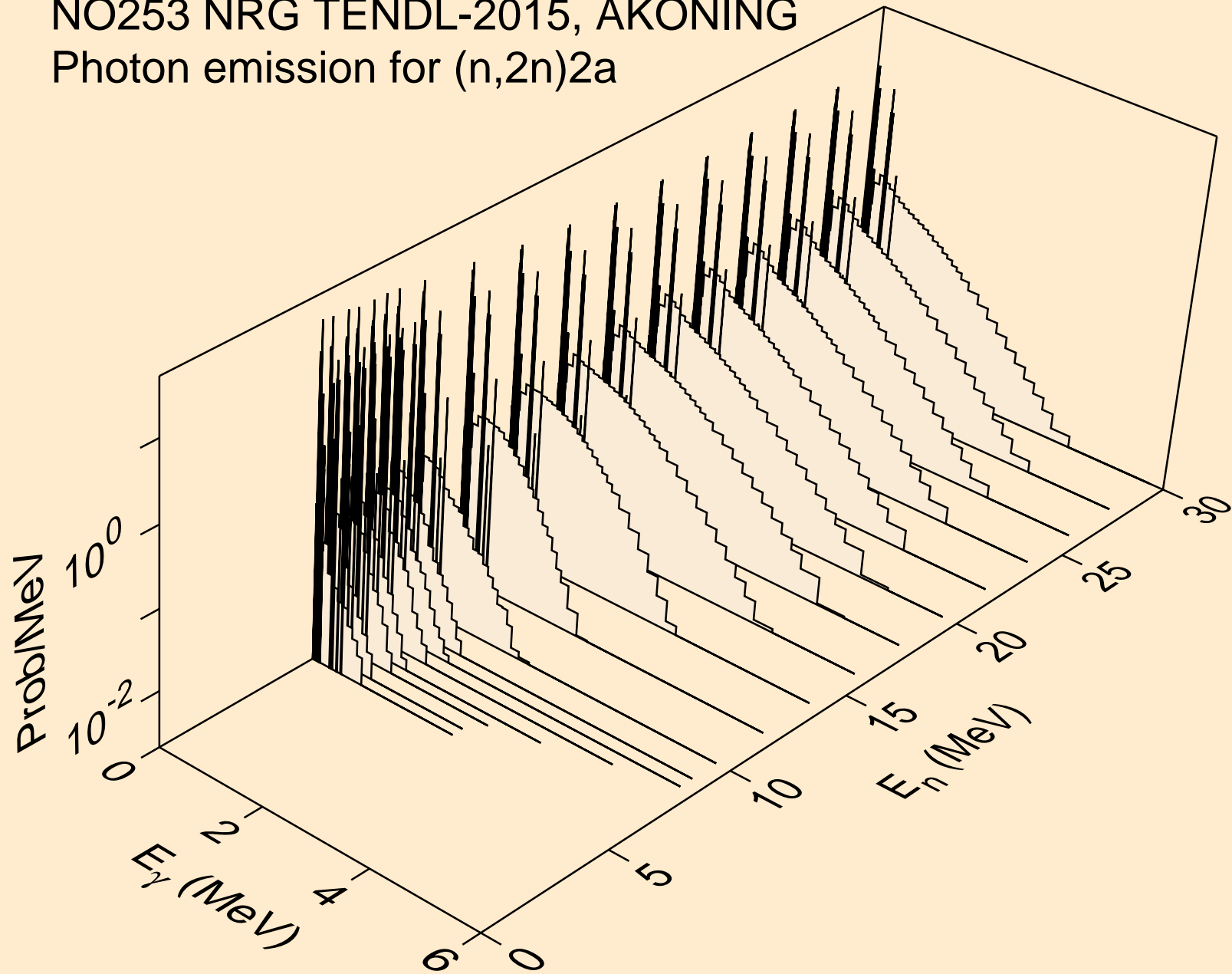
NO253 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



NO253 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a

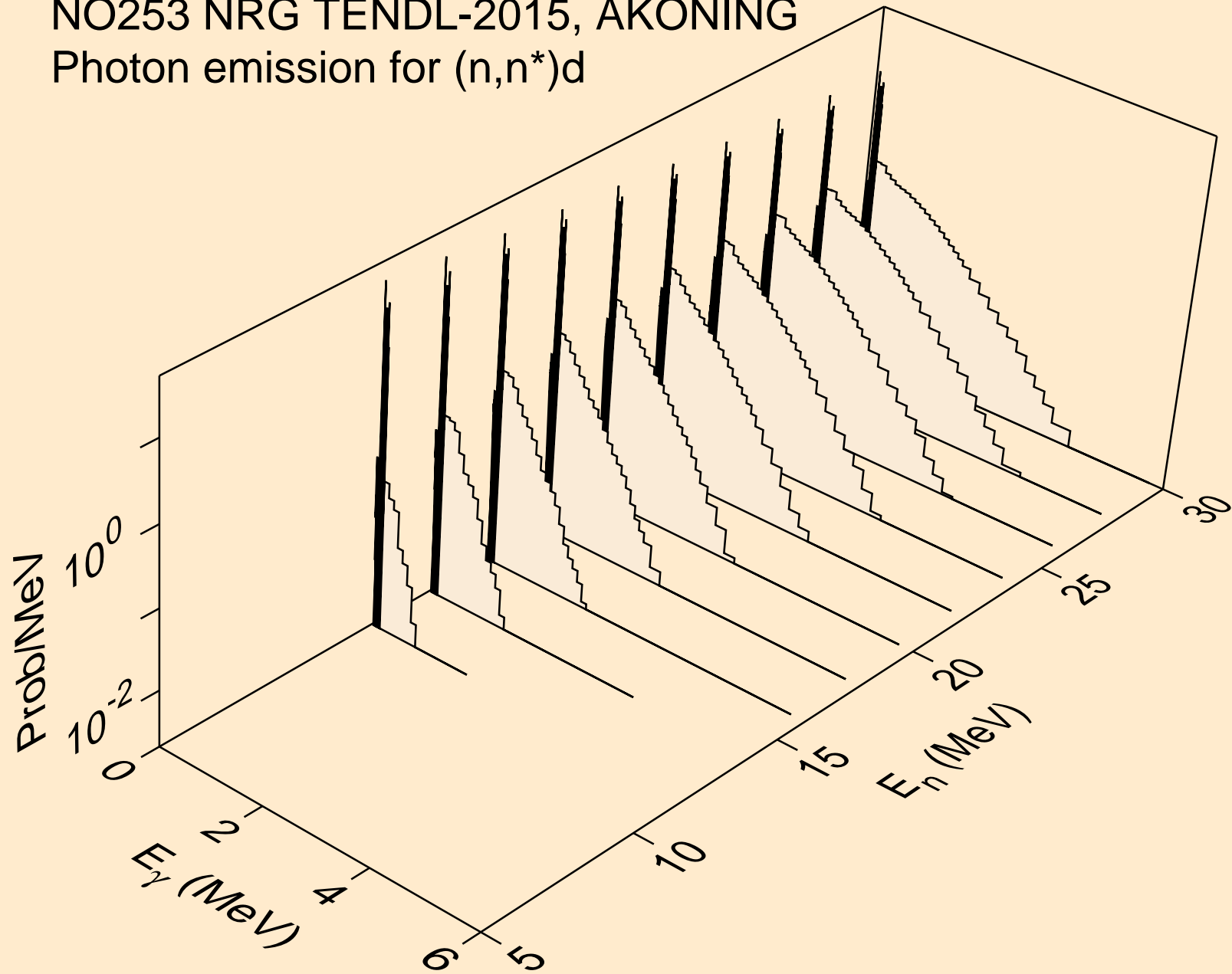


NO253 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a

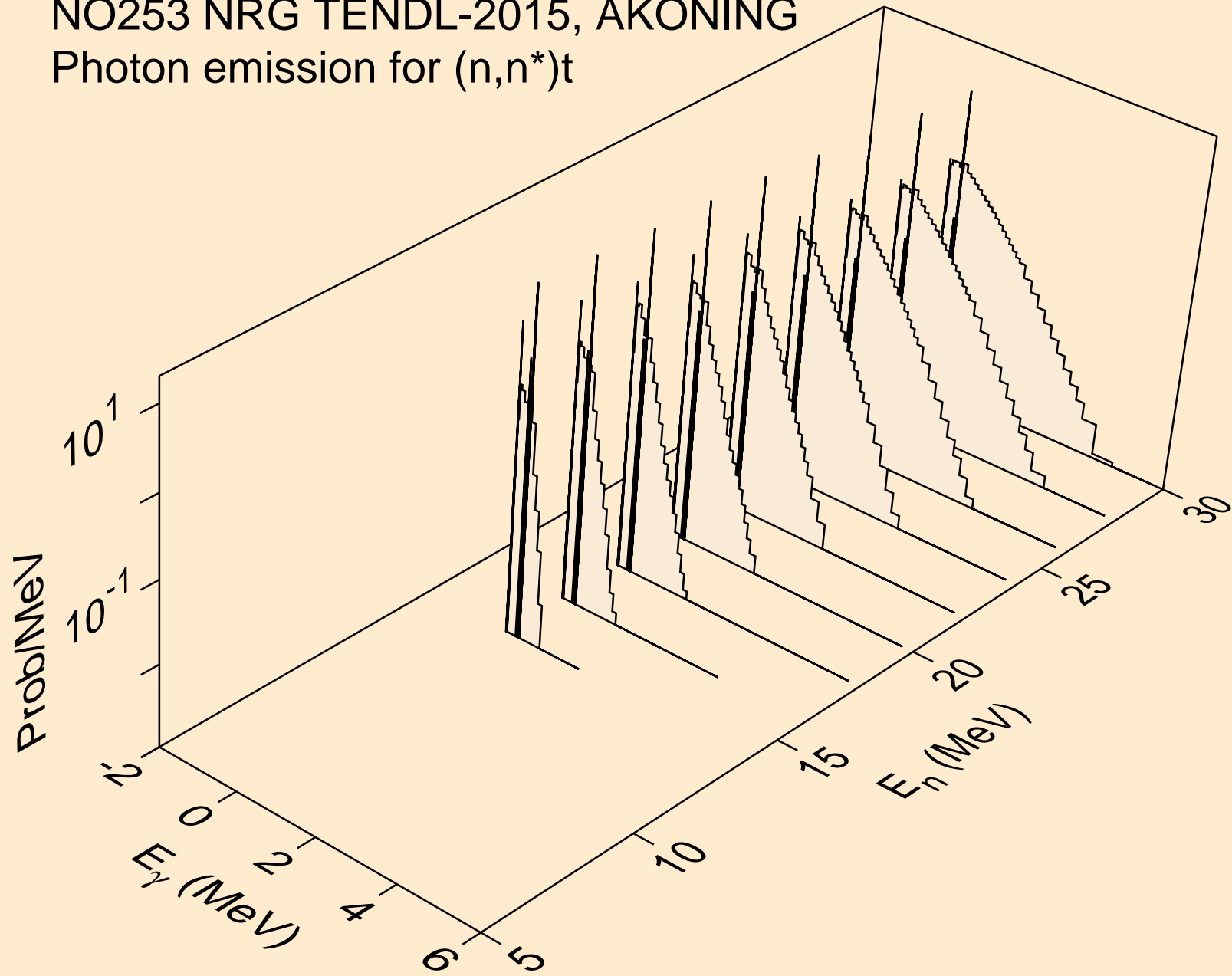




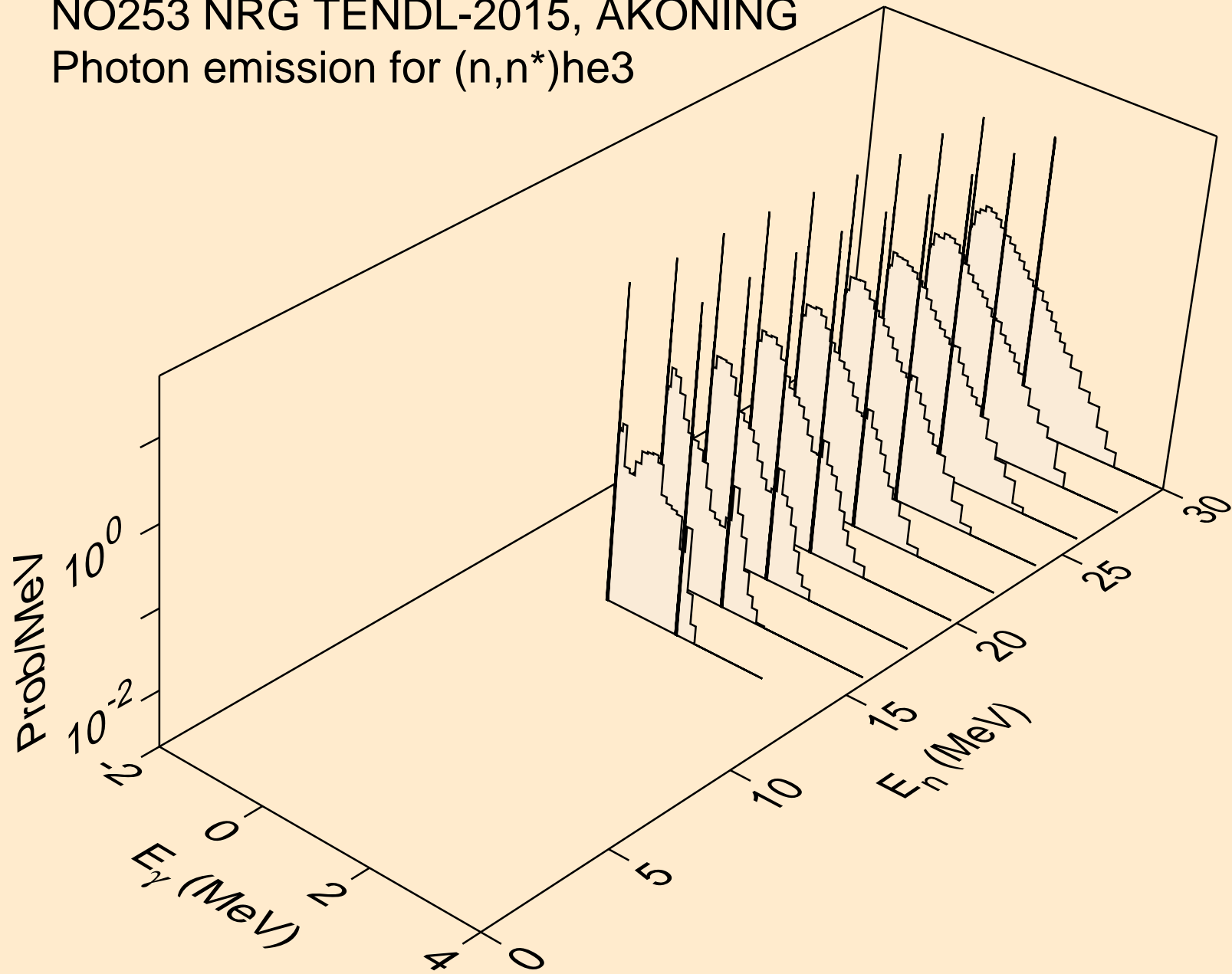
NO253 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



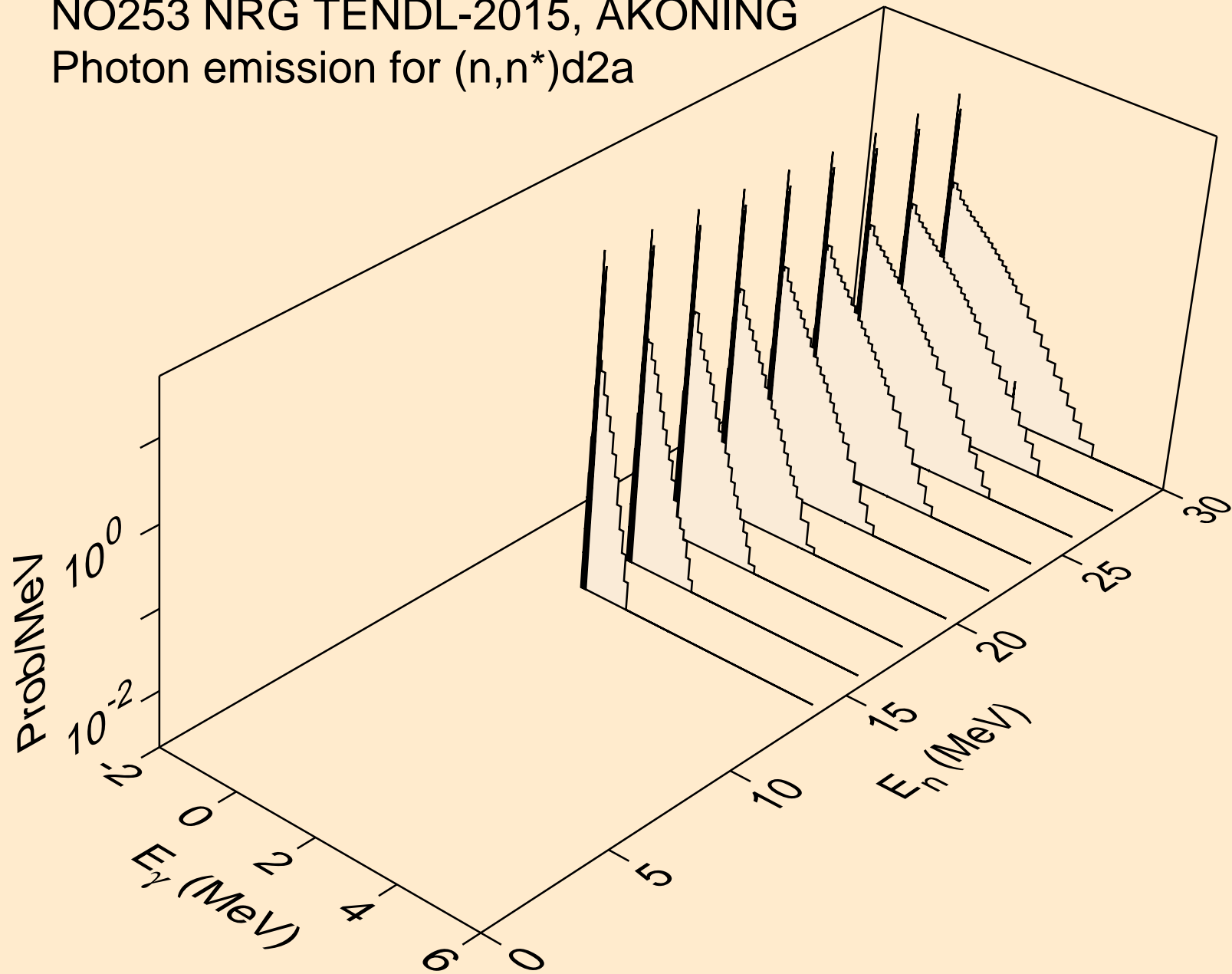
NO253 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



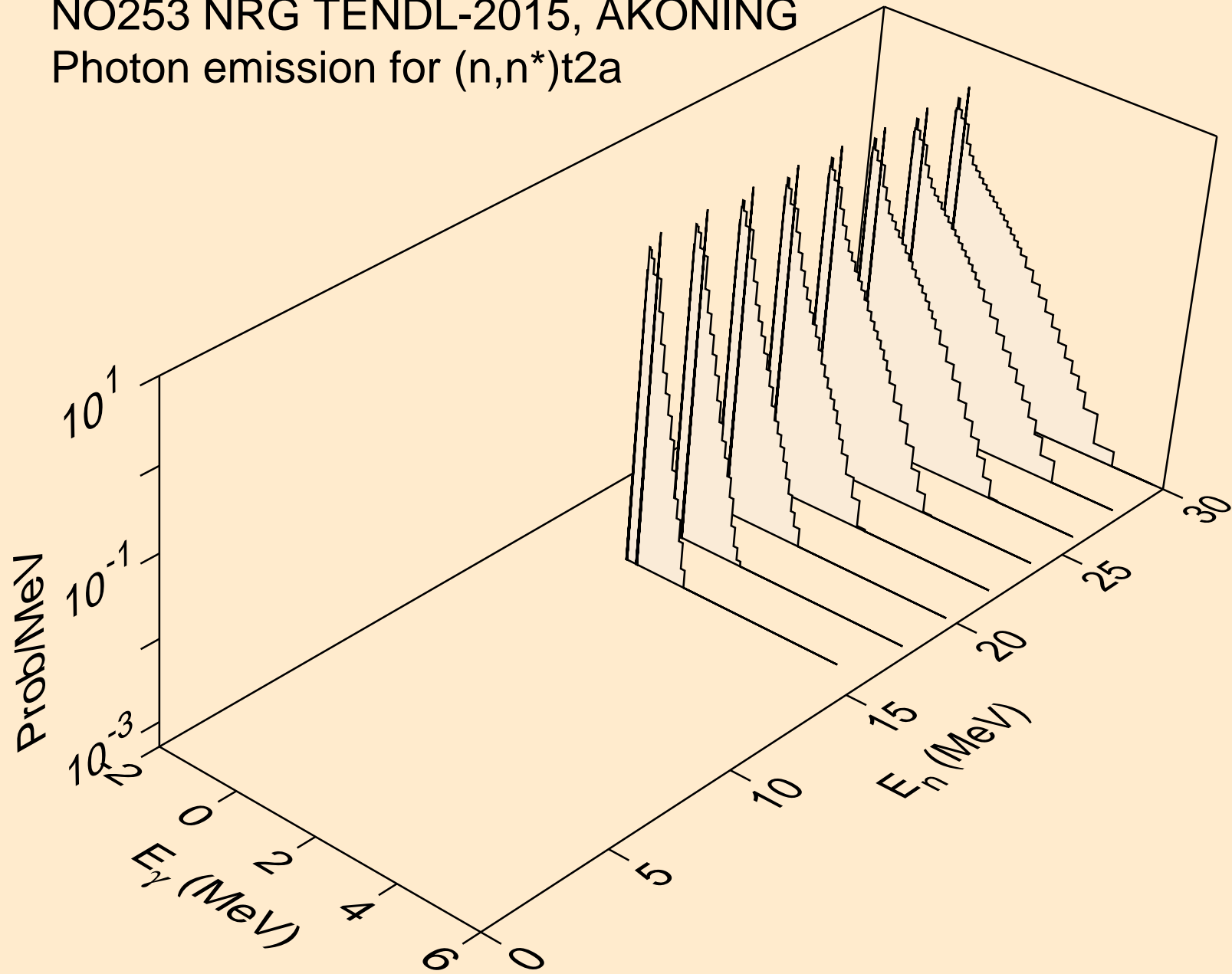
NO253 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



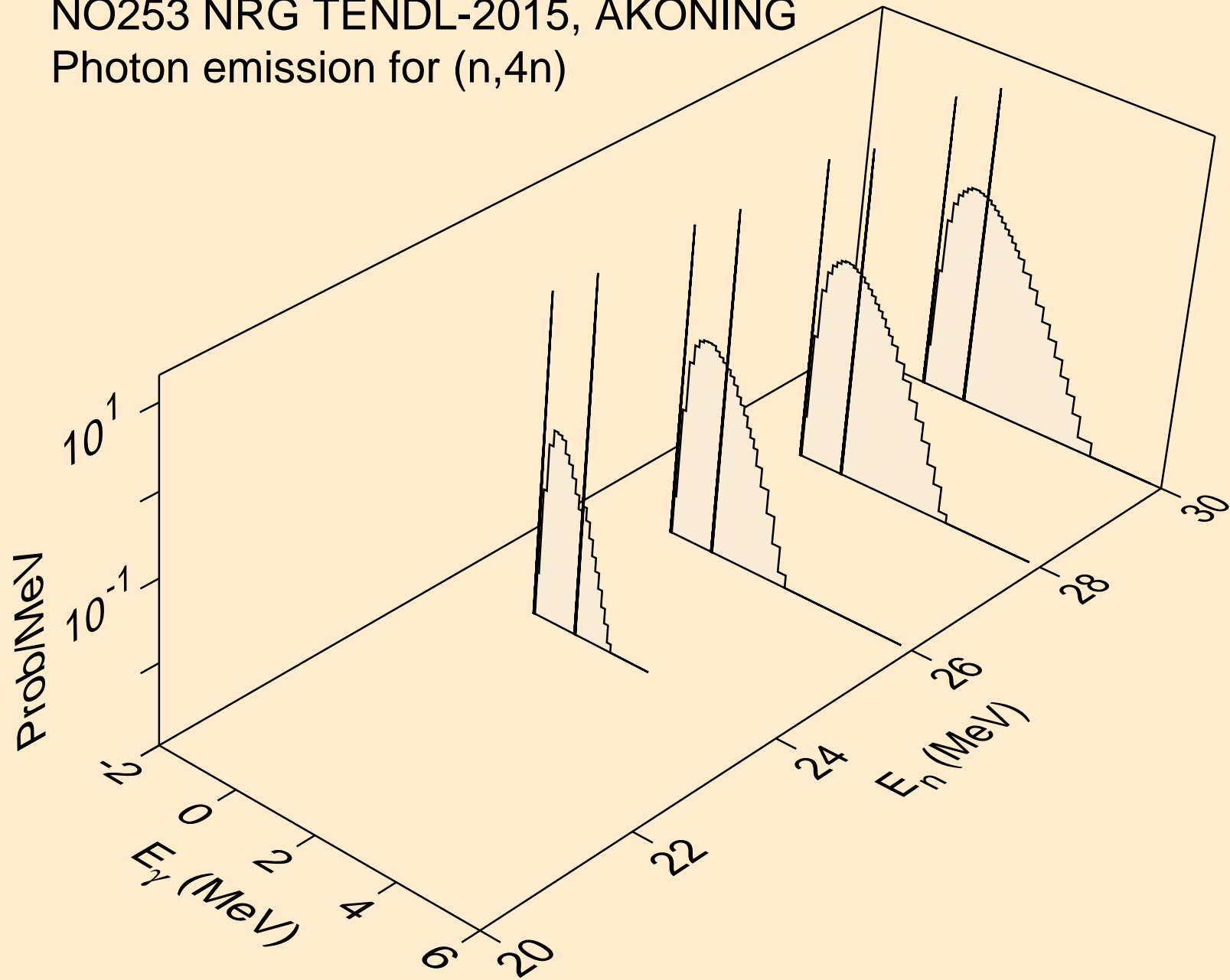
NO253 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d2a



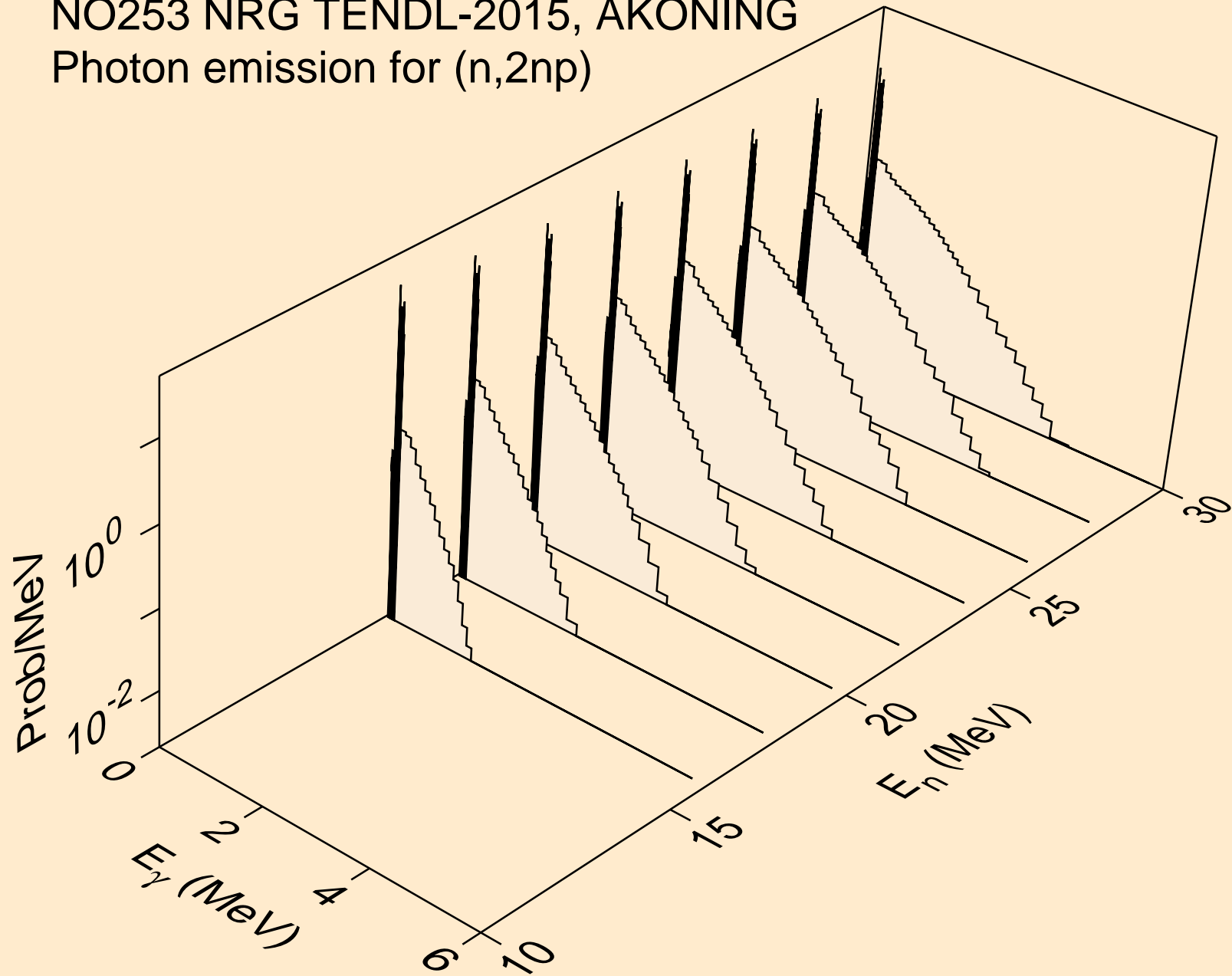
NO253 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t2a



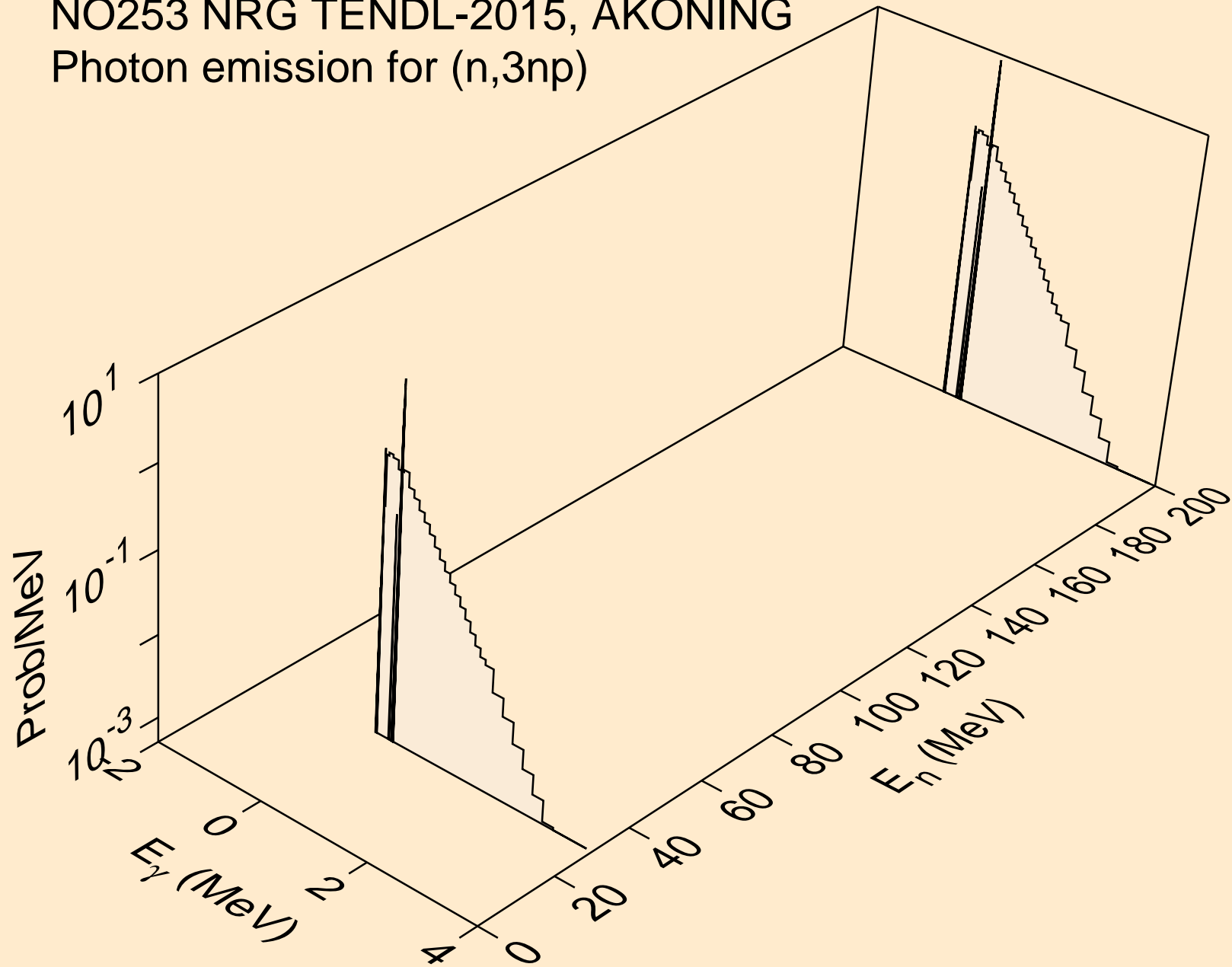
NO253 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



NO253 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

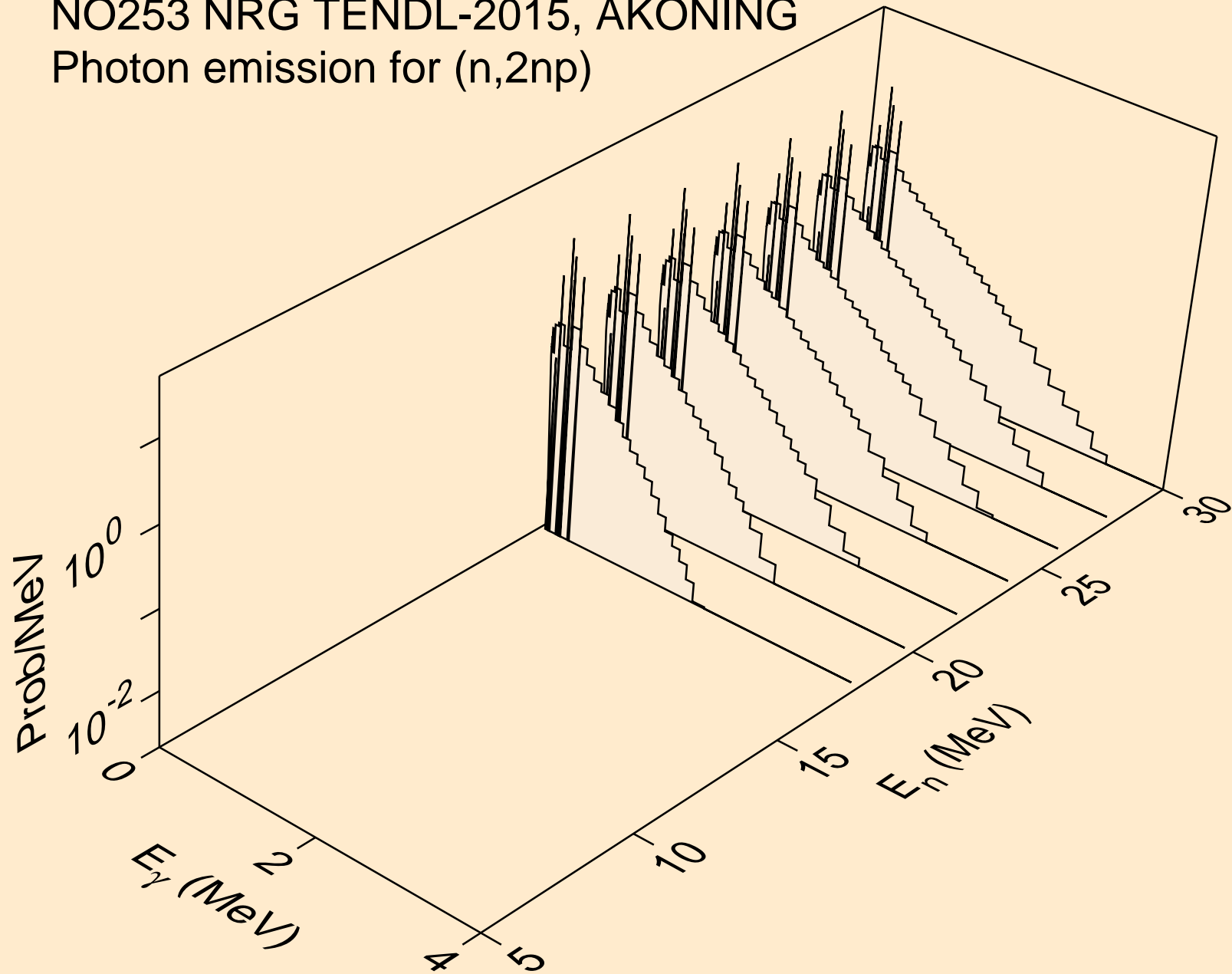


NO253 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

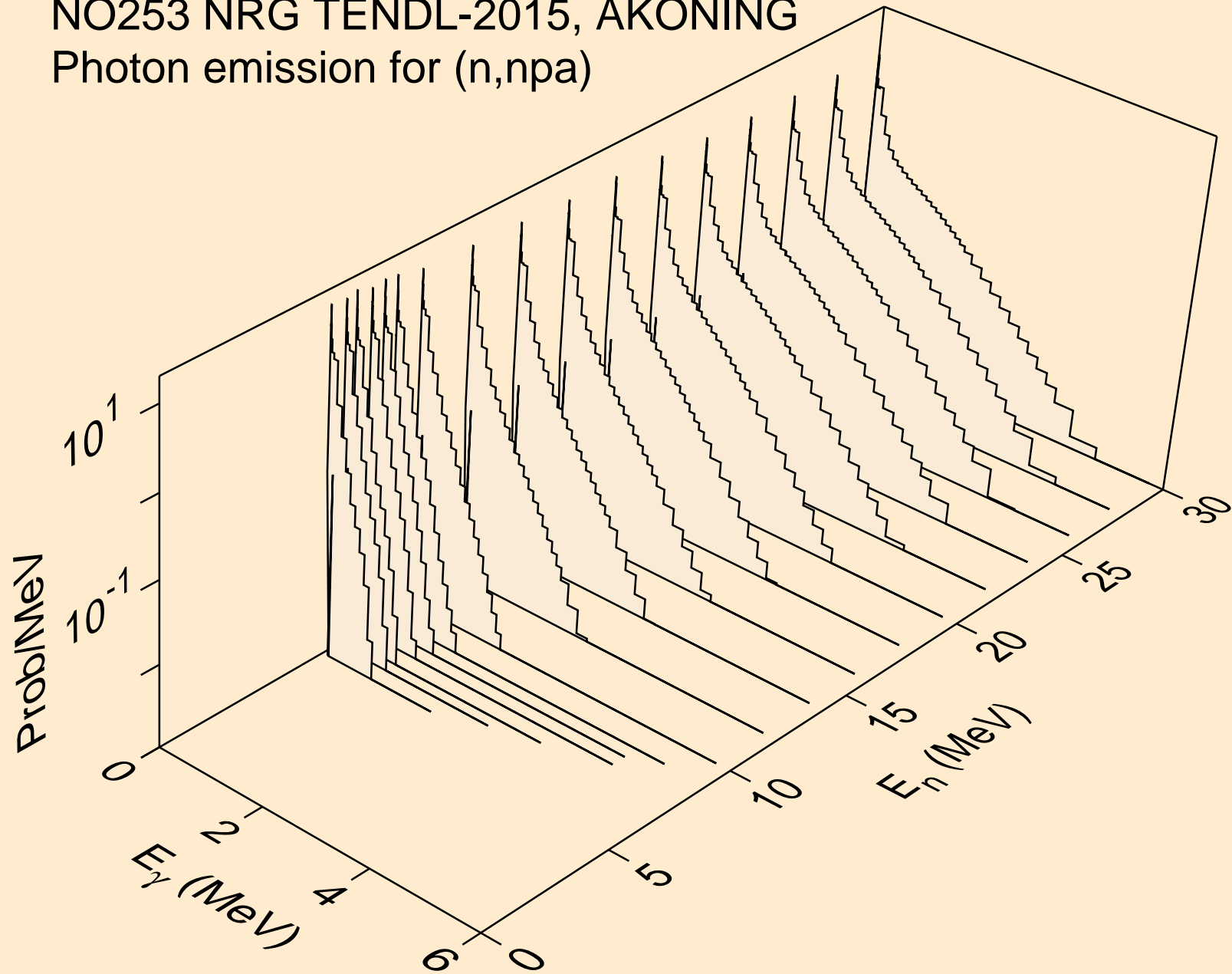




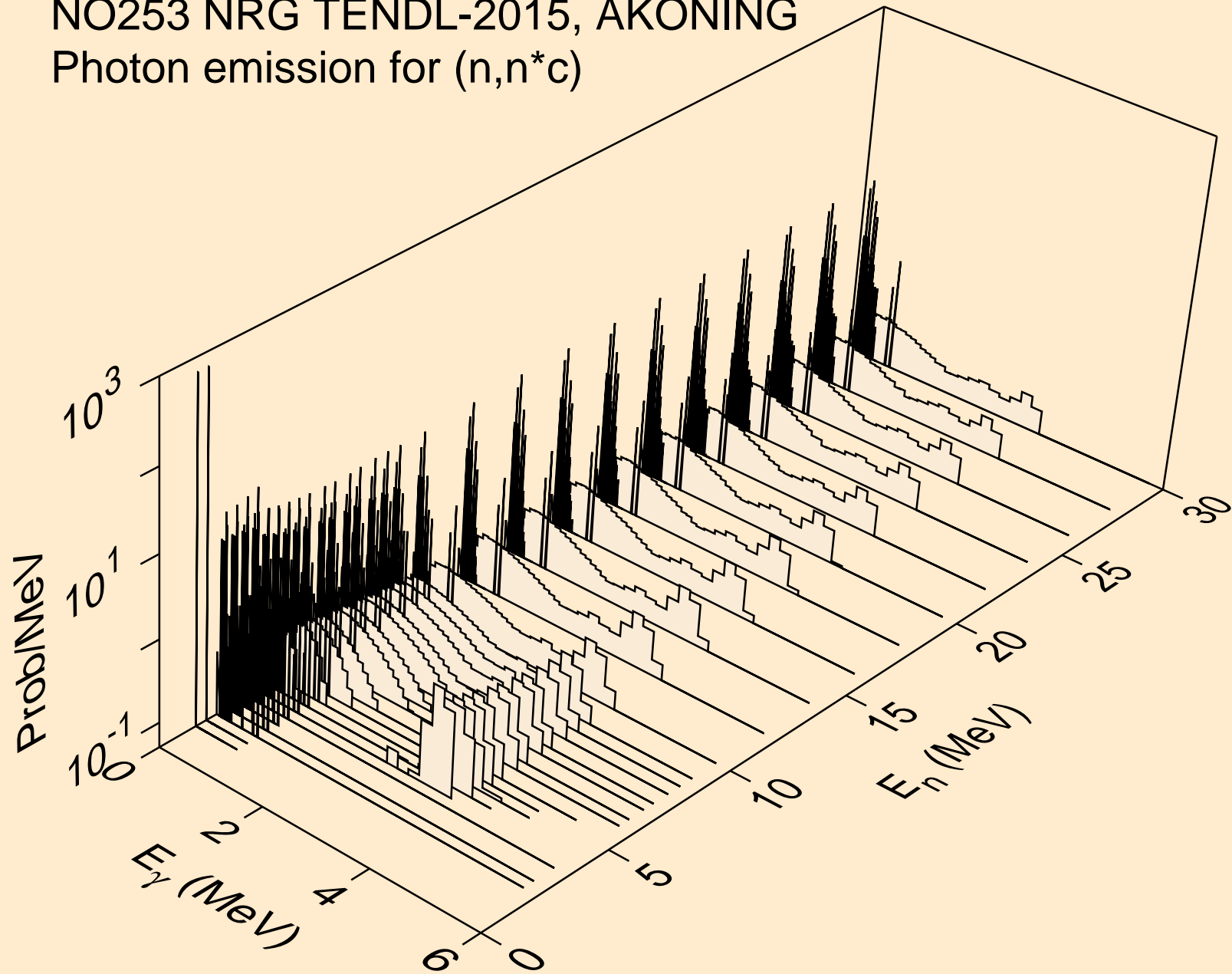
NO253 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



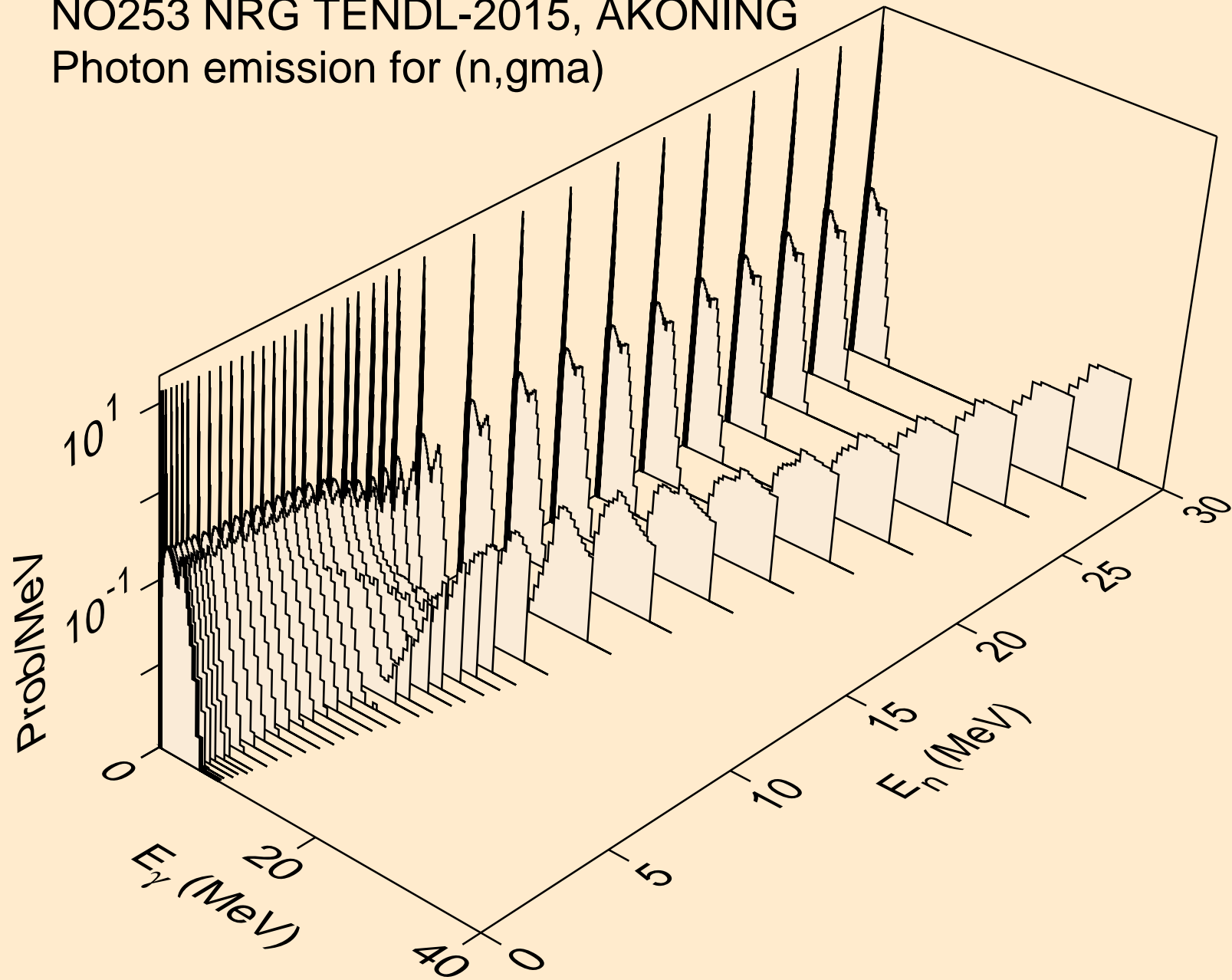
NO253 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



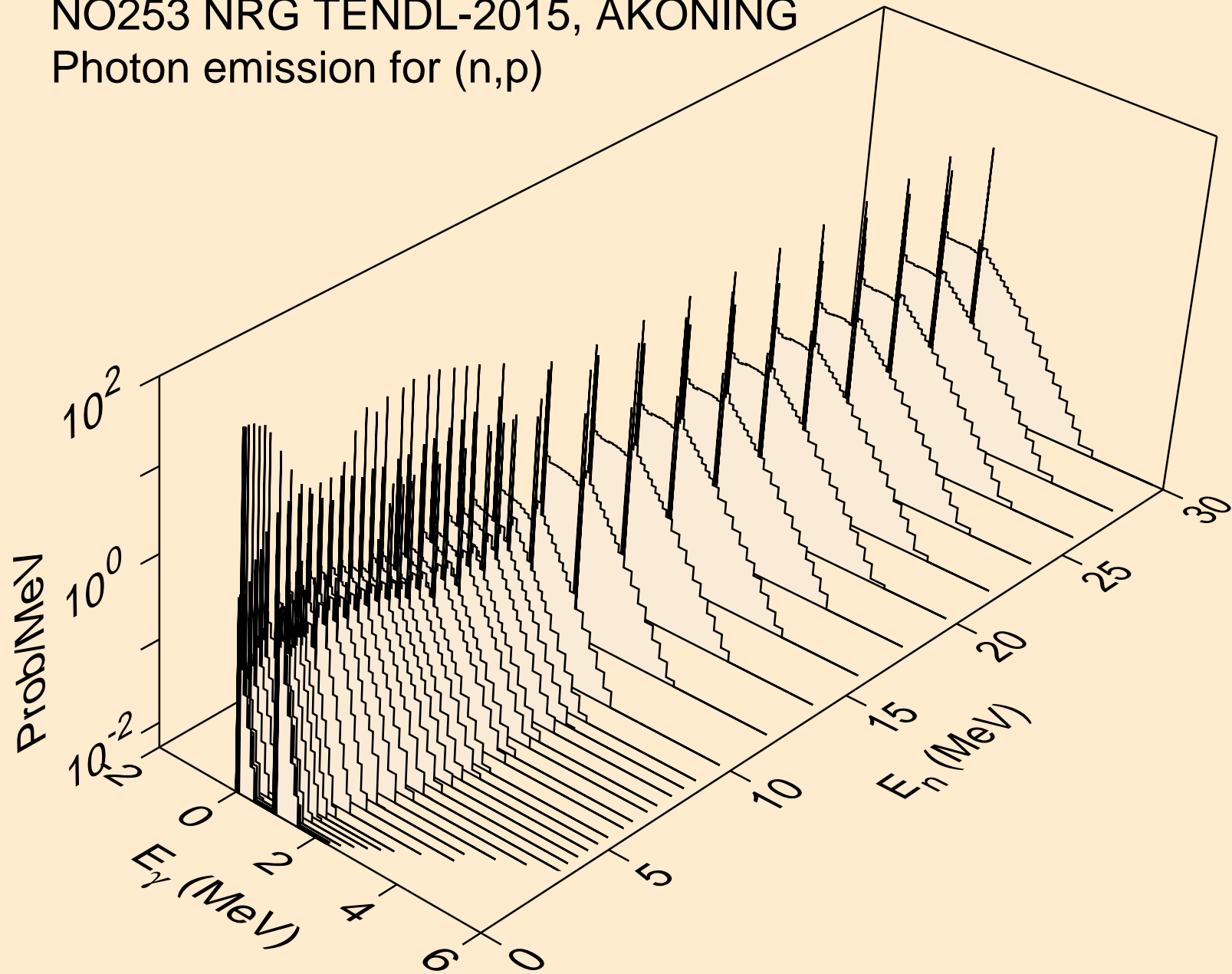
NO253 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



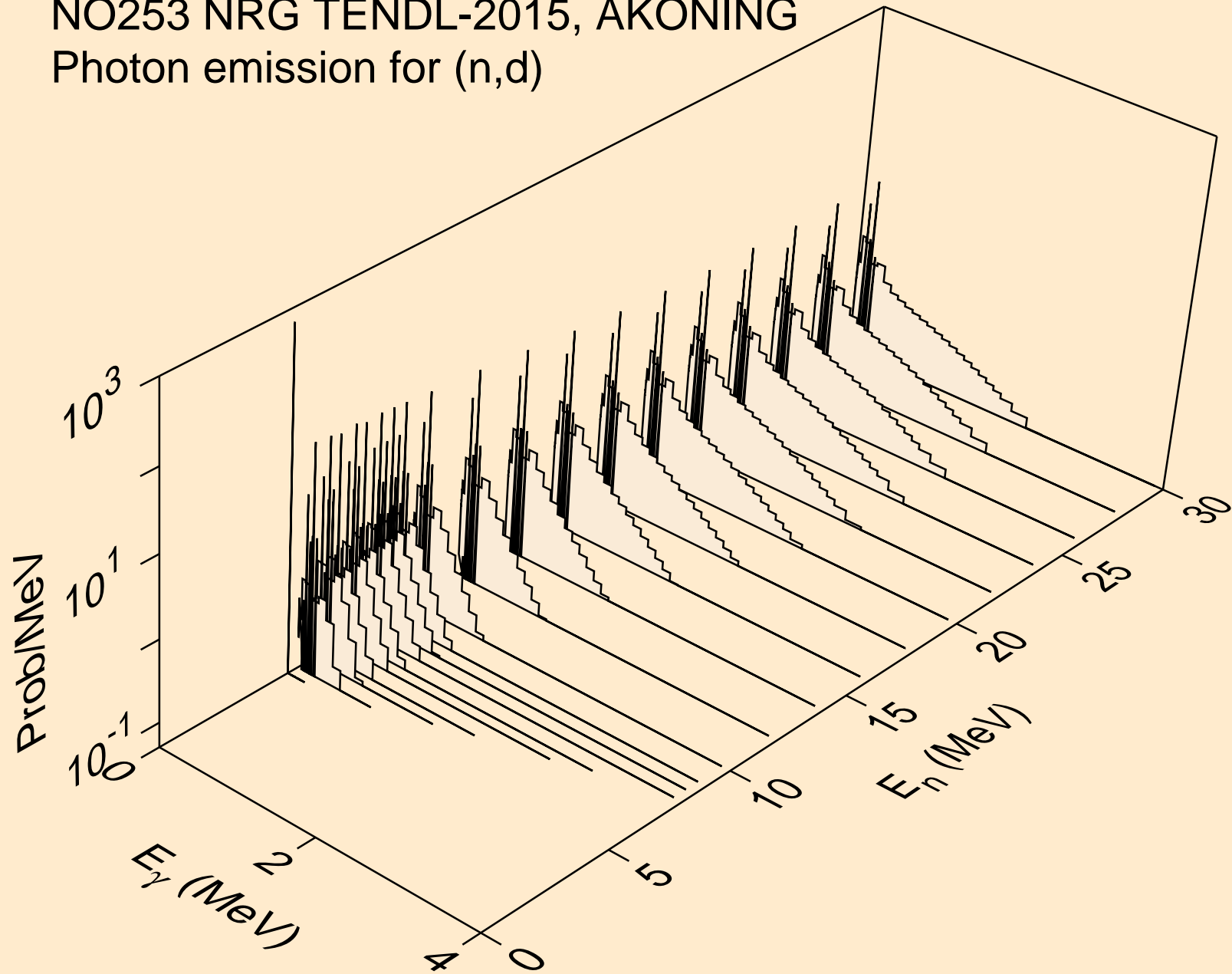
NO253 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



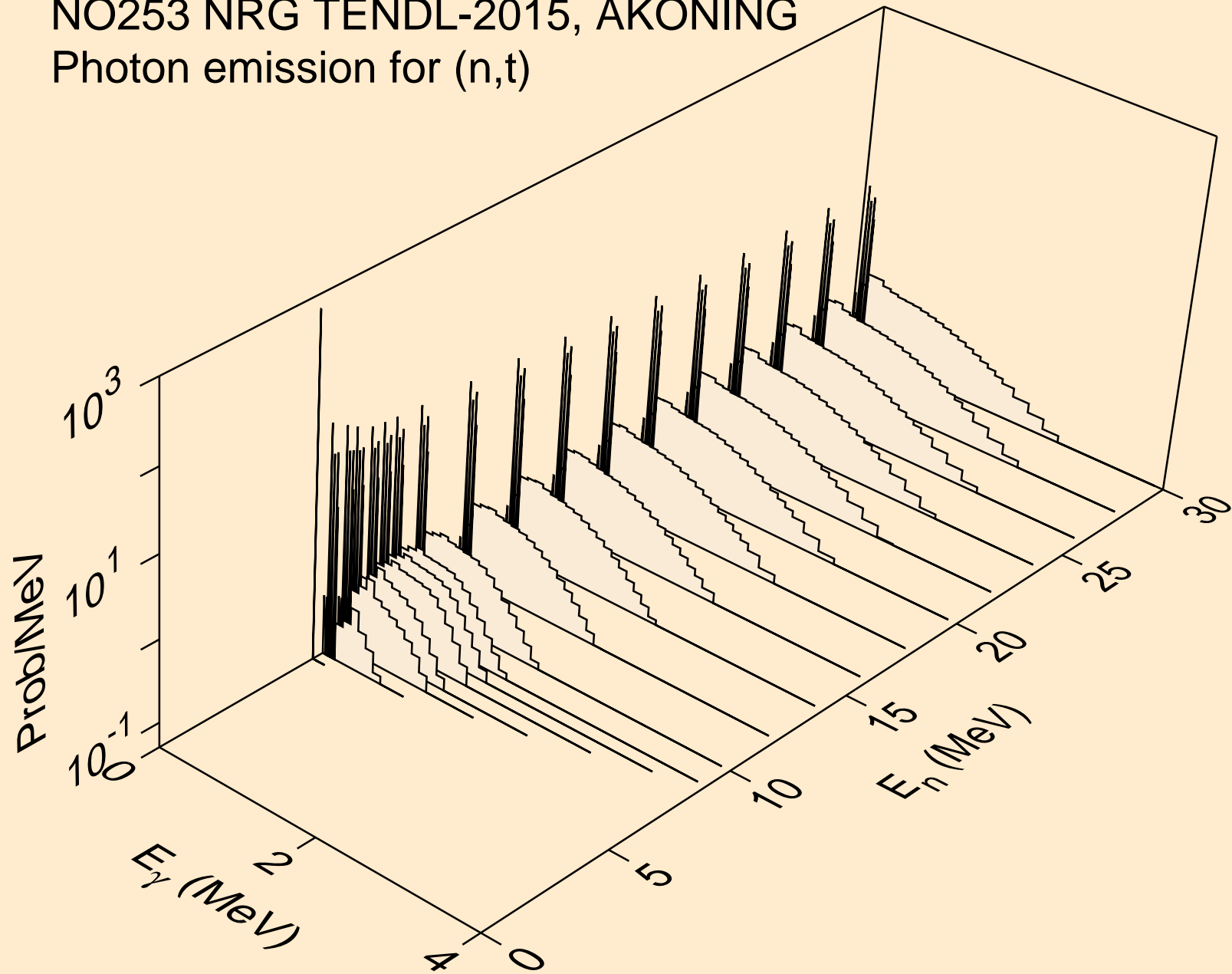
NO253 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



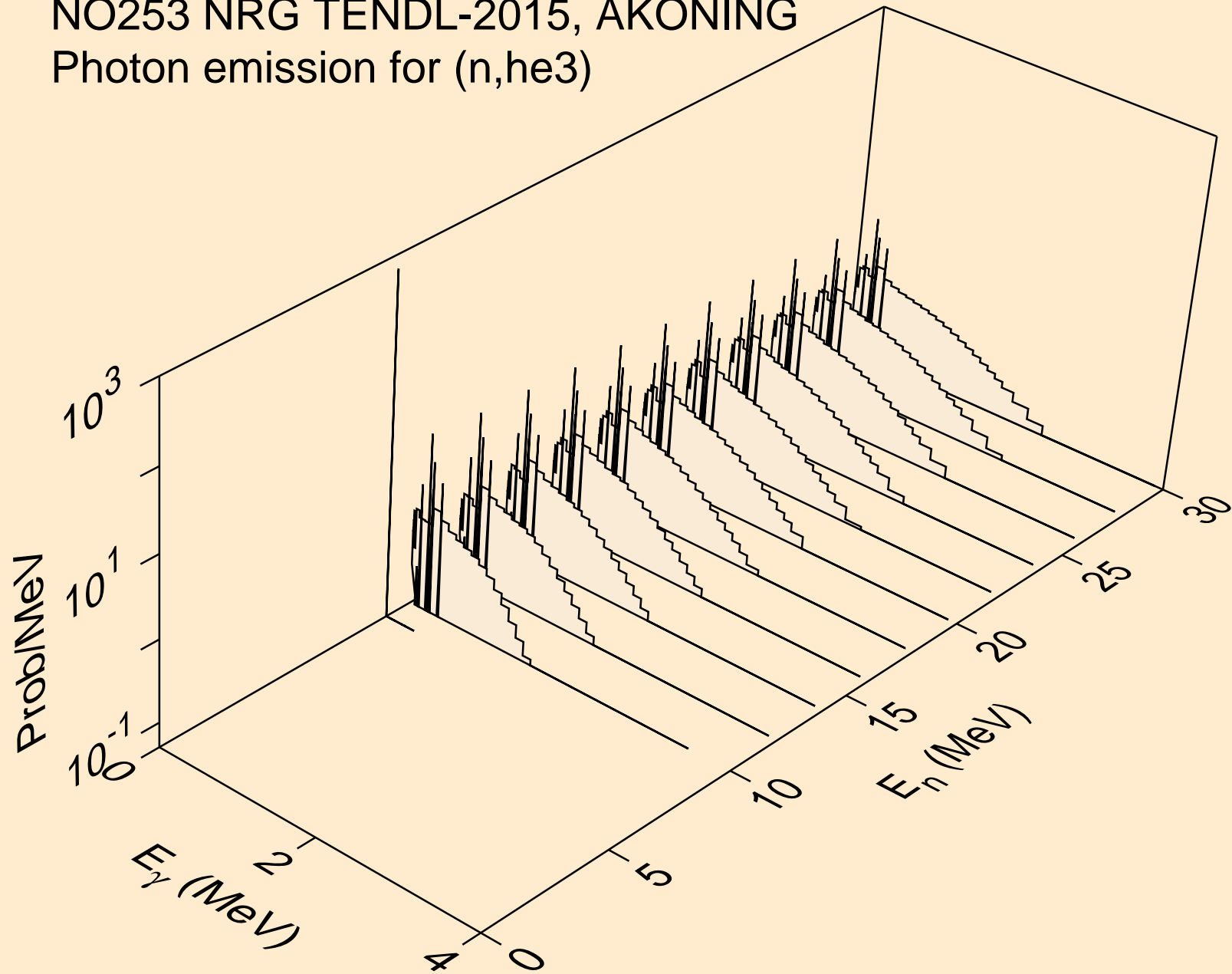
NO253 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



NO253 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

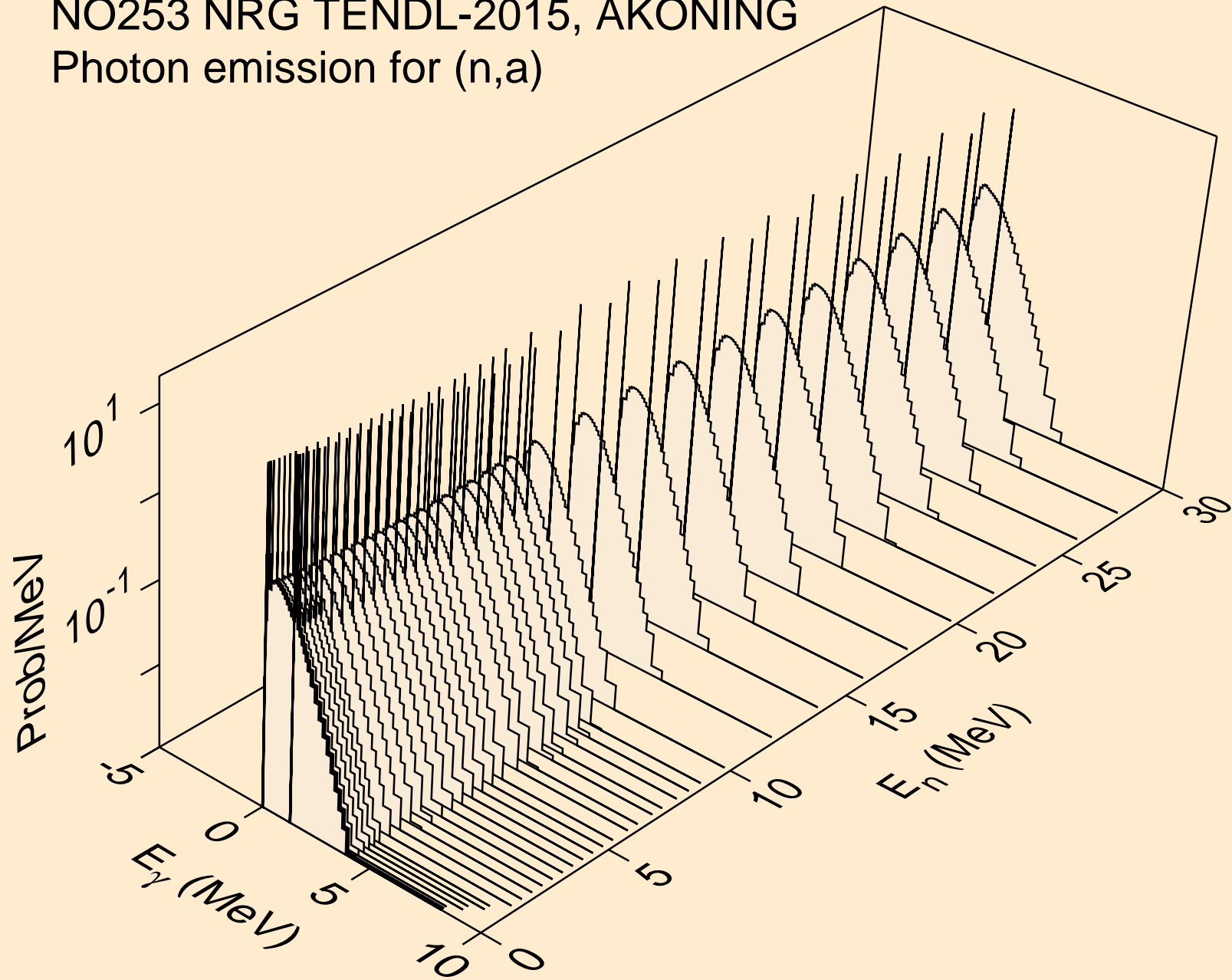


NO253 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

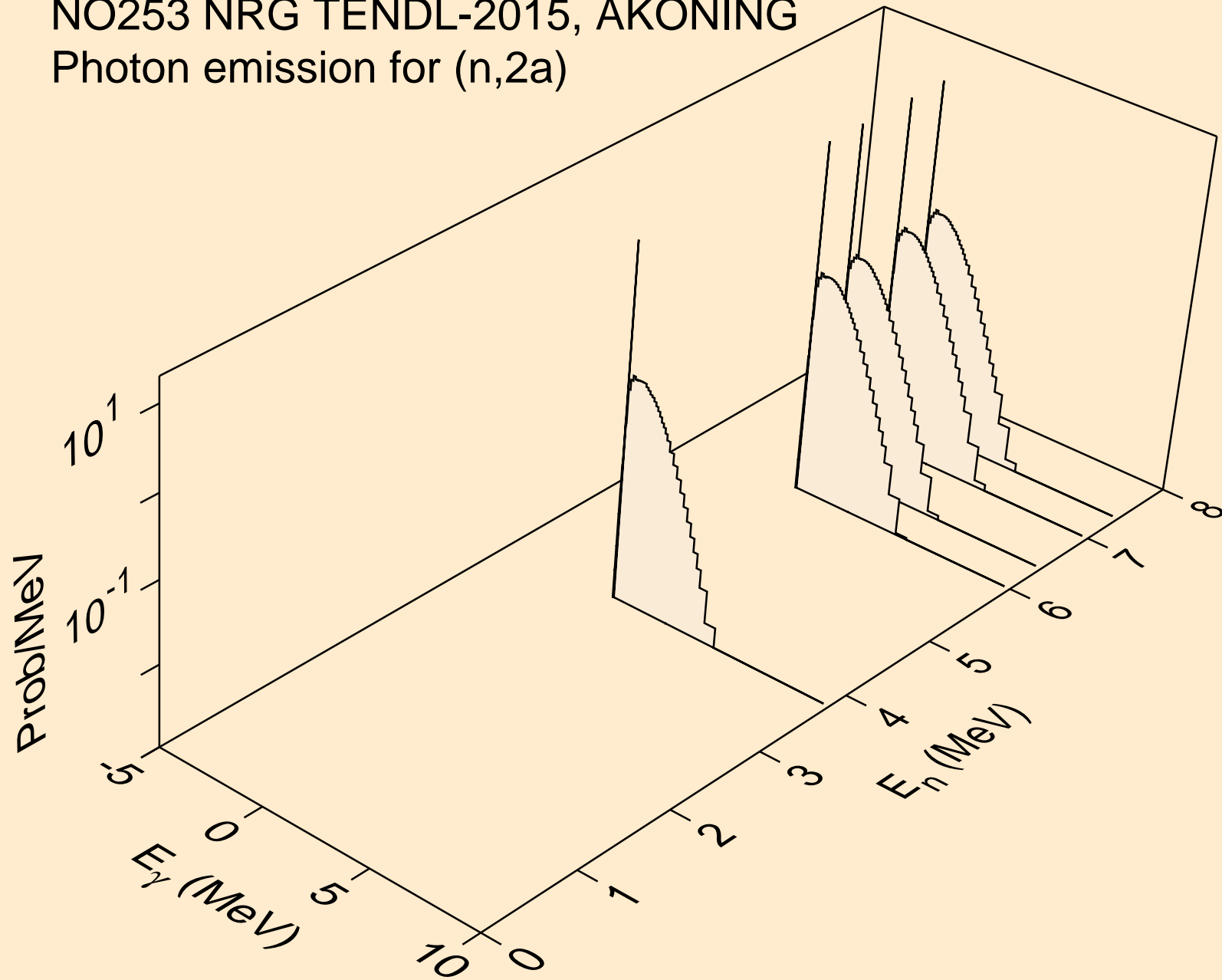




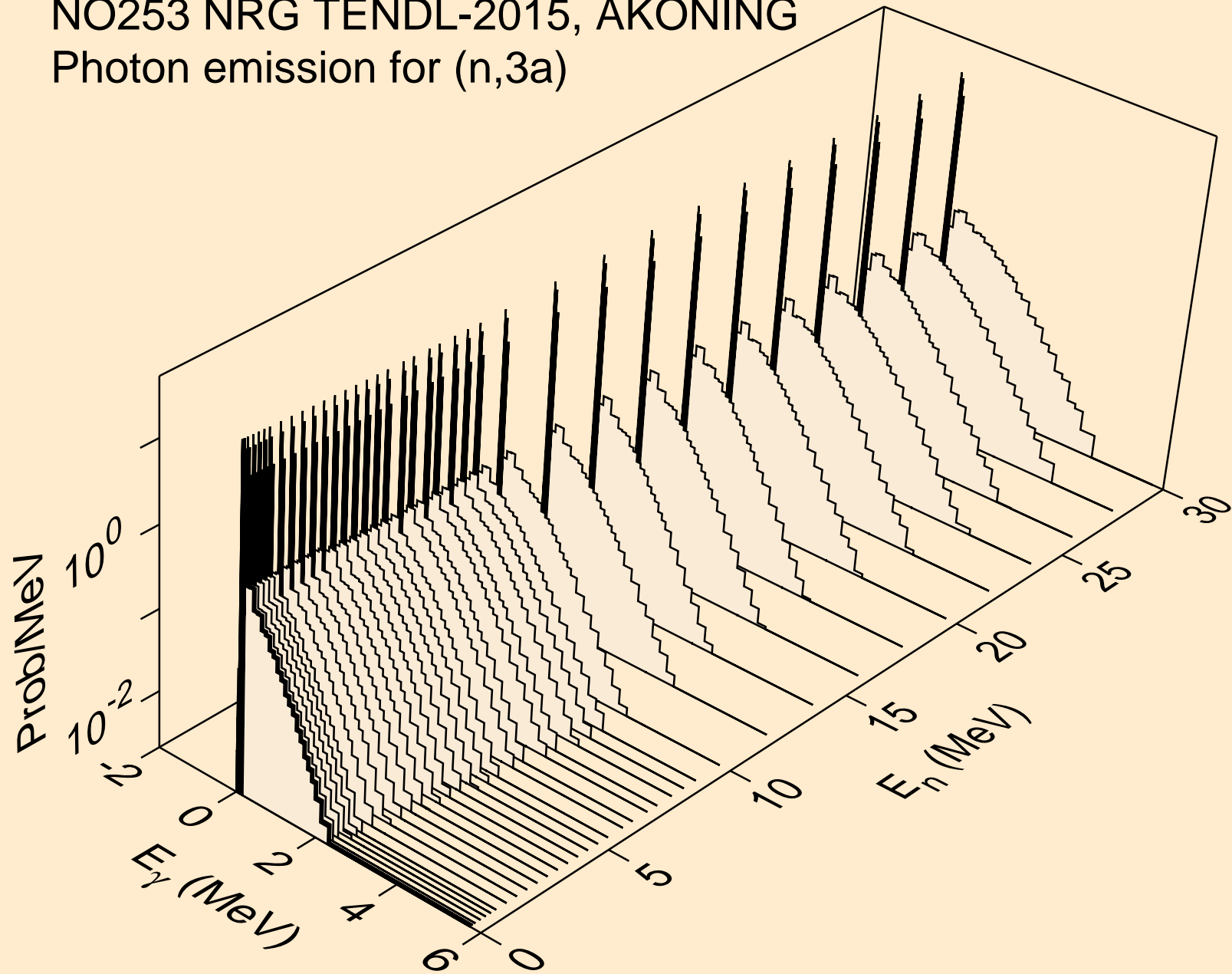
NO253 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



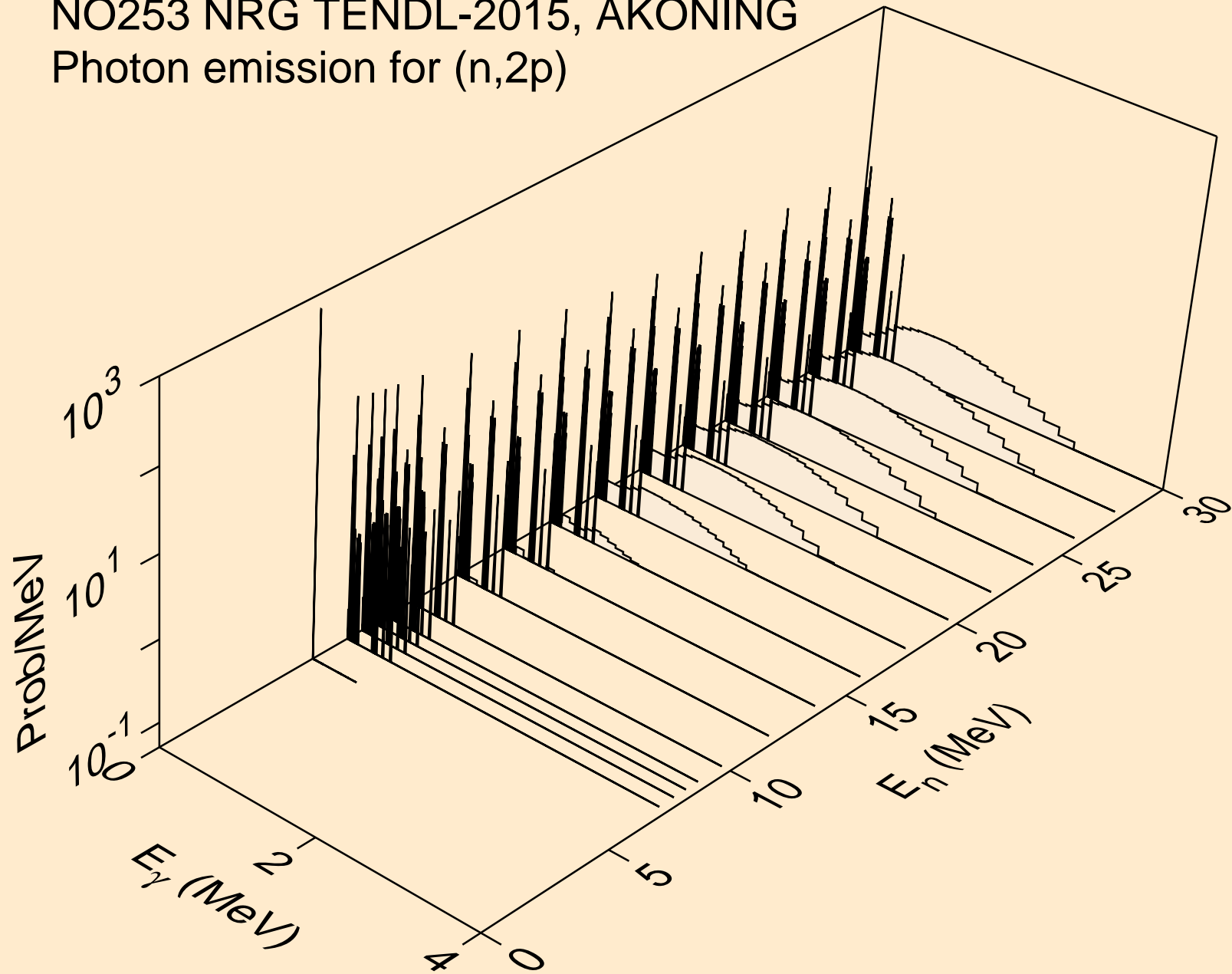
NO253 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



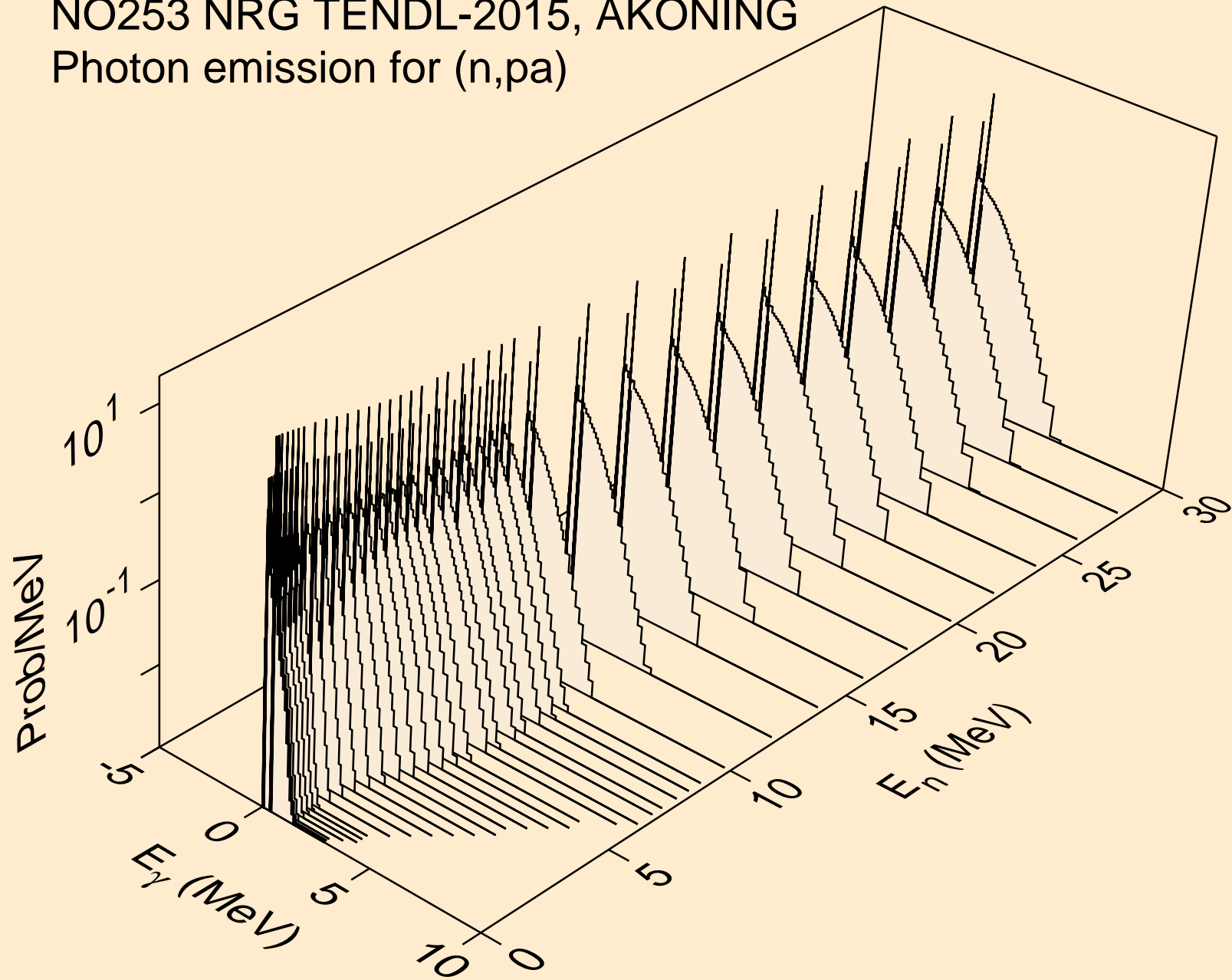
NO253 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



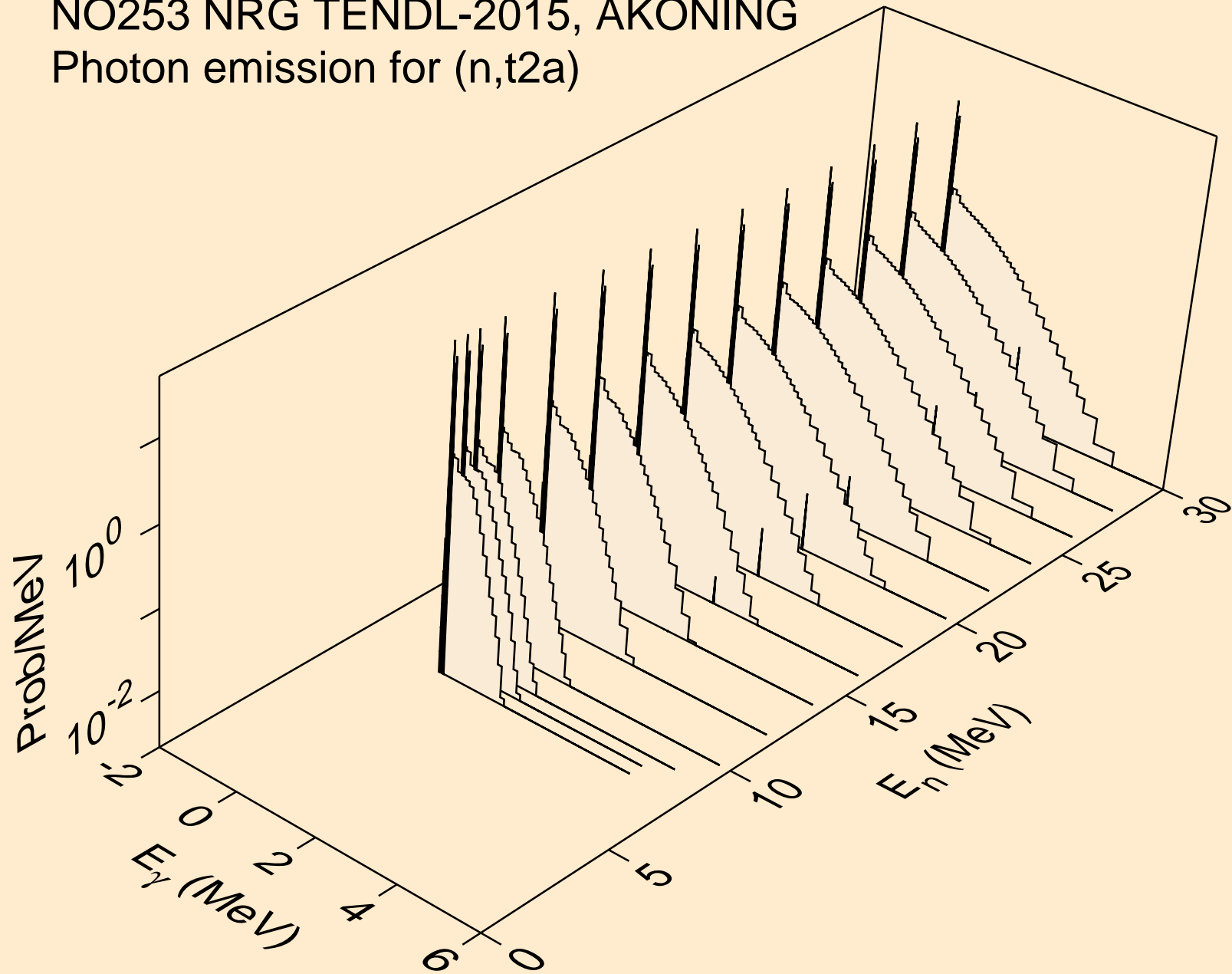
NO253 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



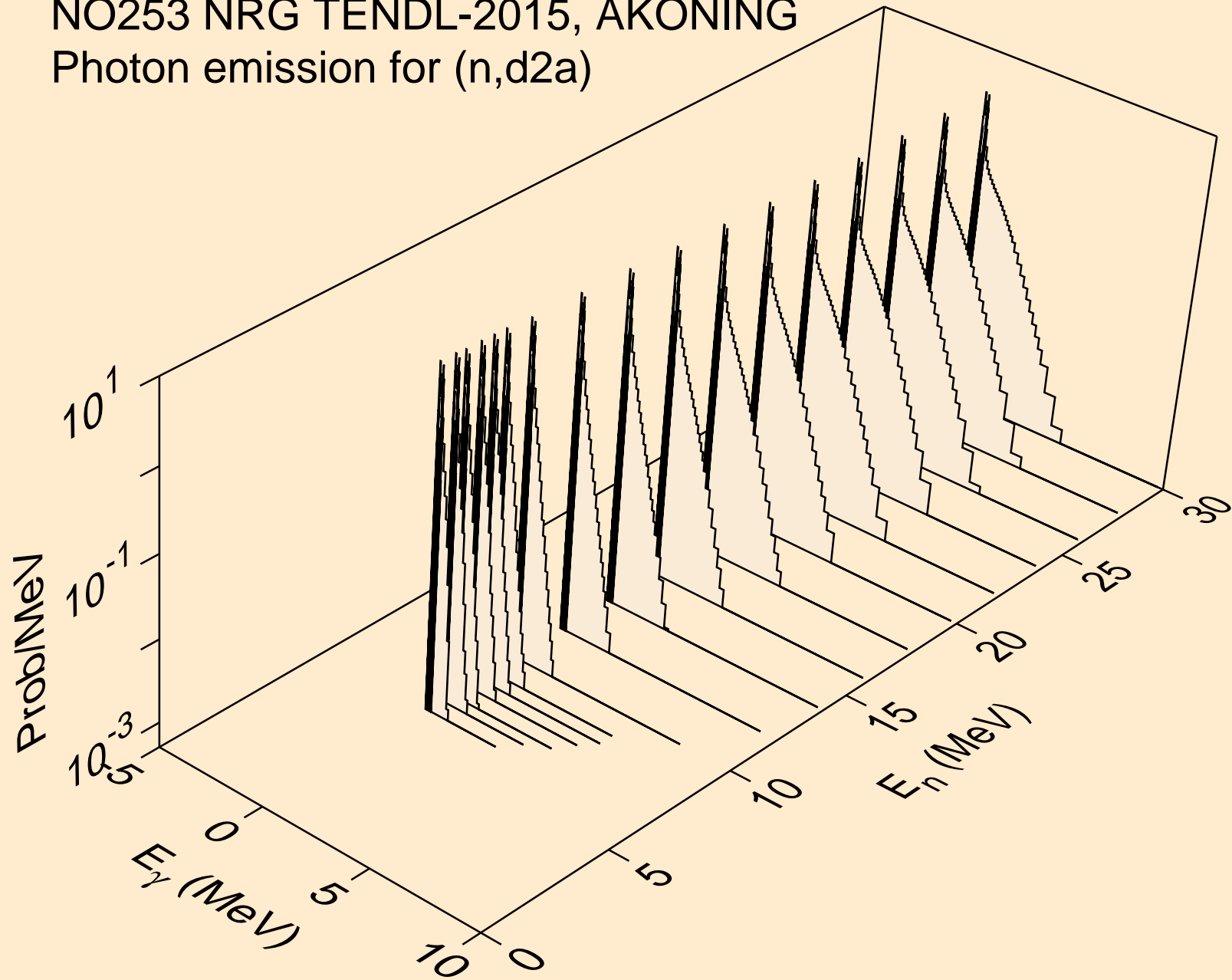
NO253 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



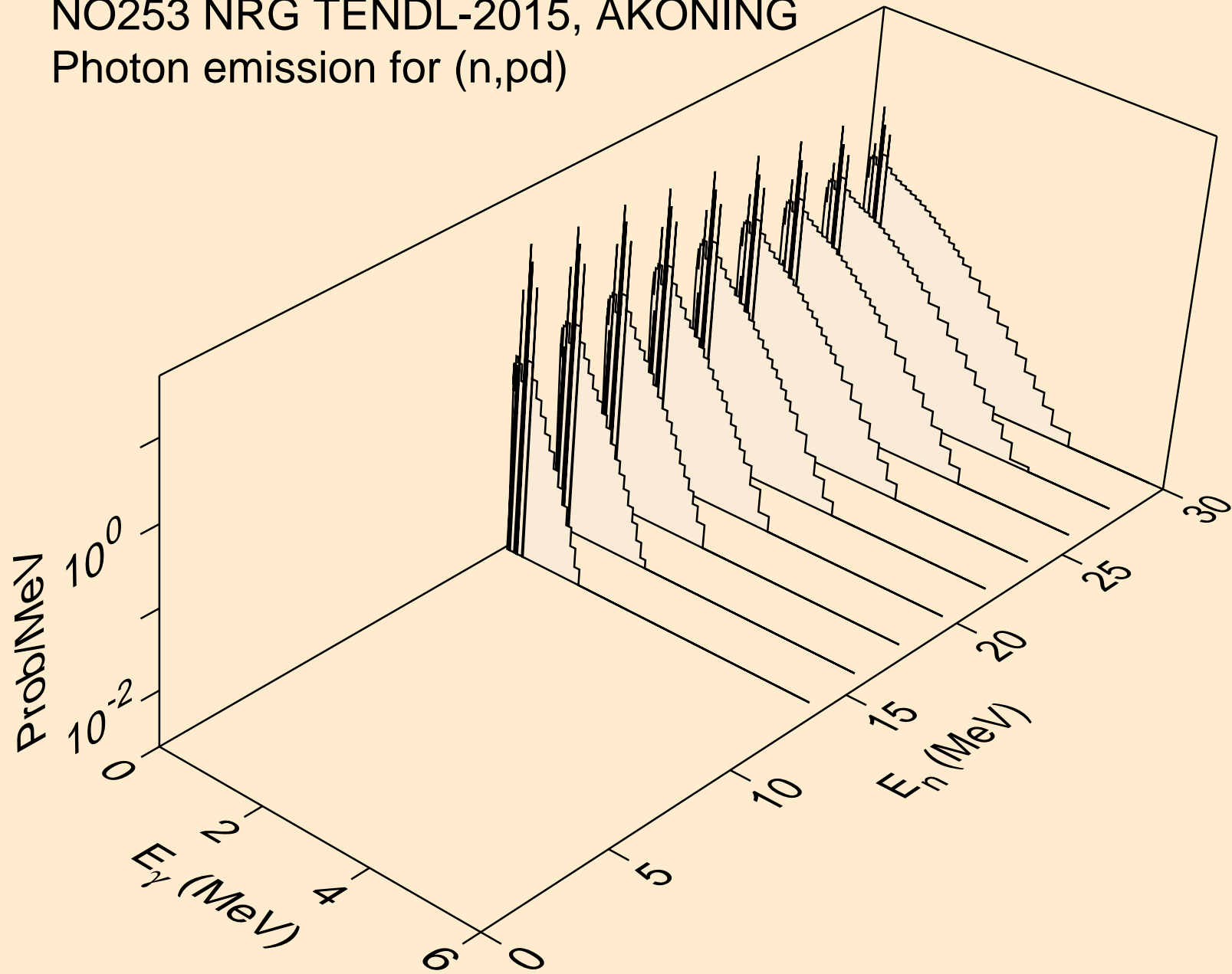
NO253 NRG TENDL-2015, AKONING  
Photon emission for (n,t2a)



NO253 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)

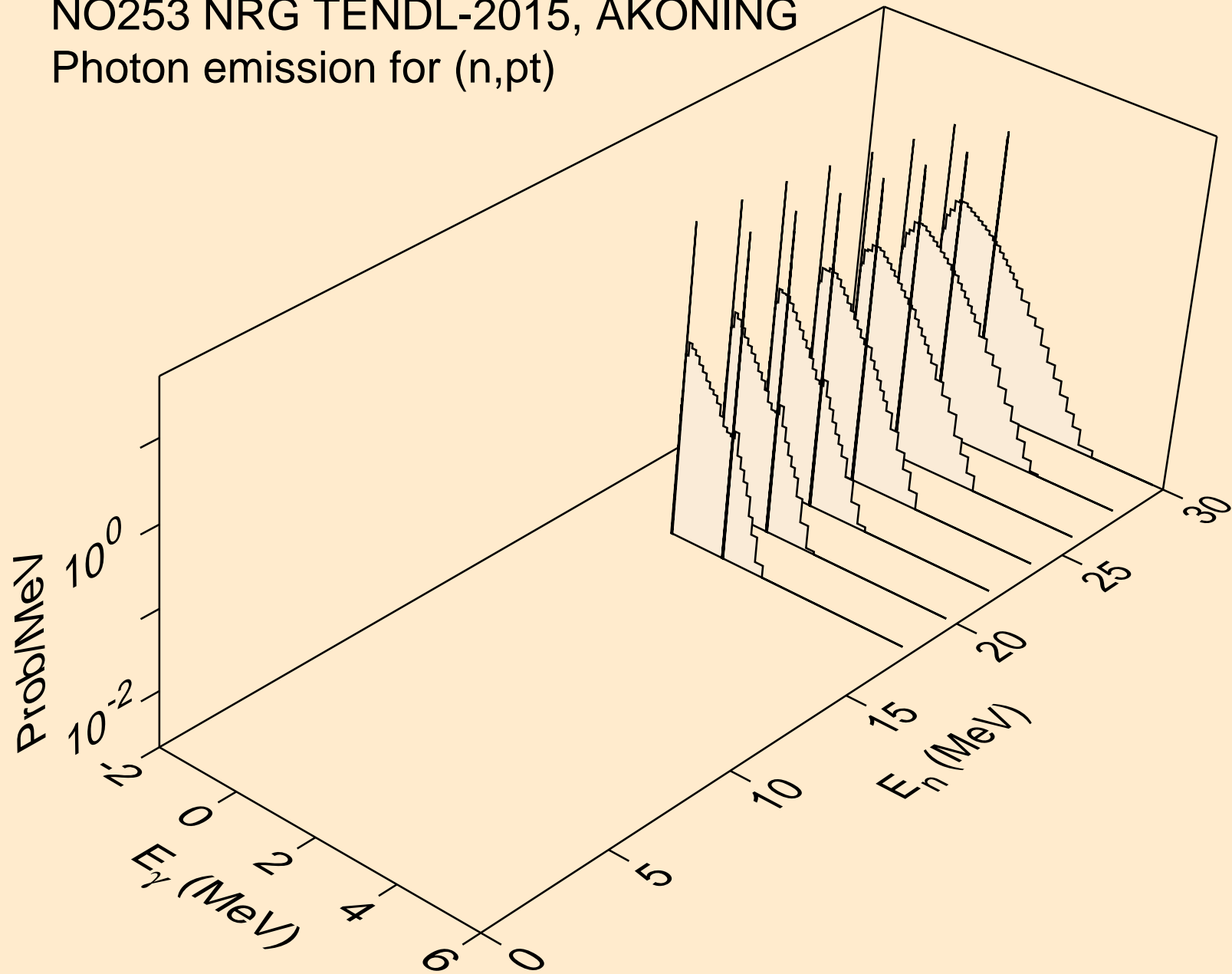


NO253 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

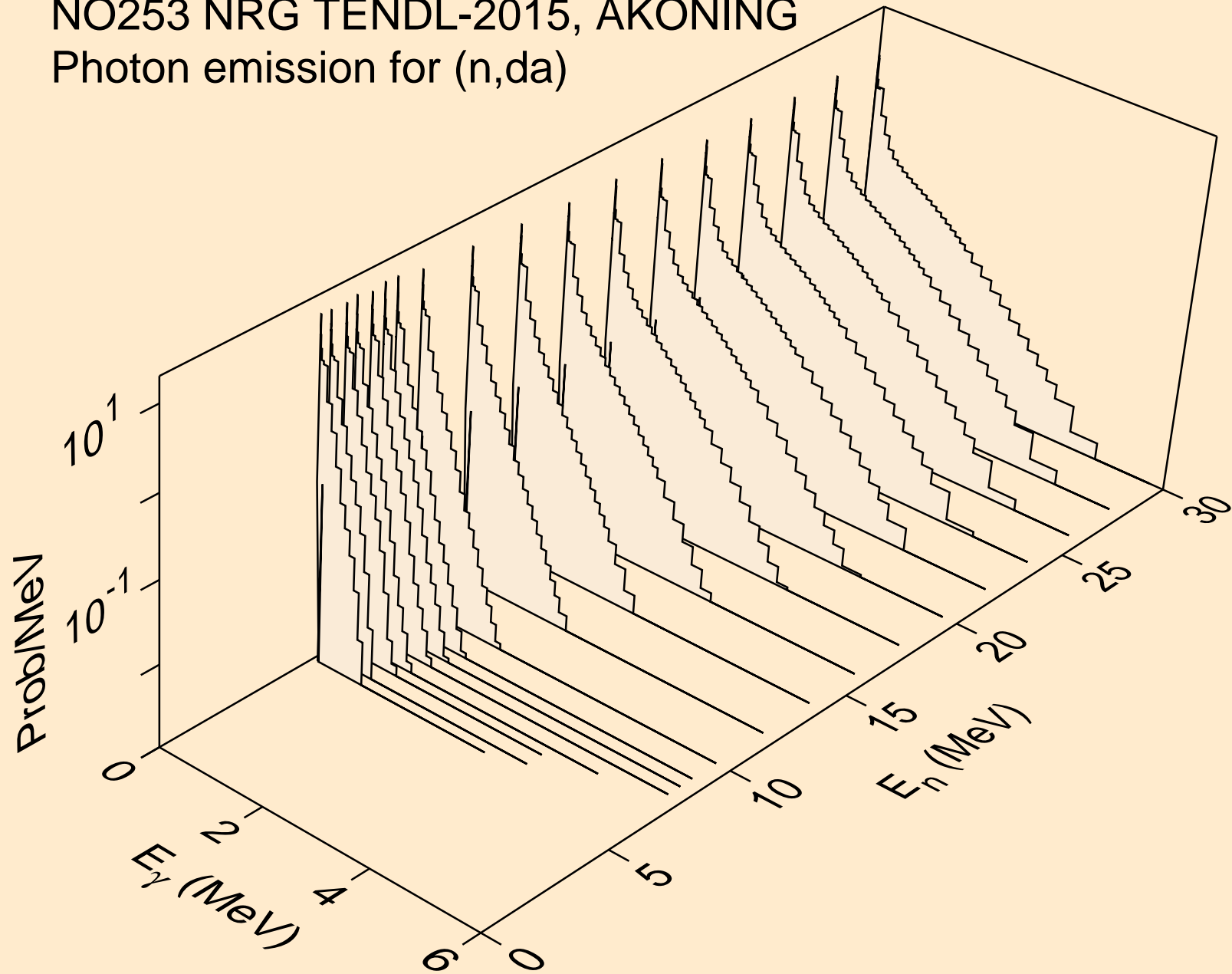




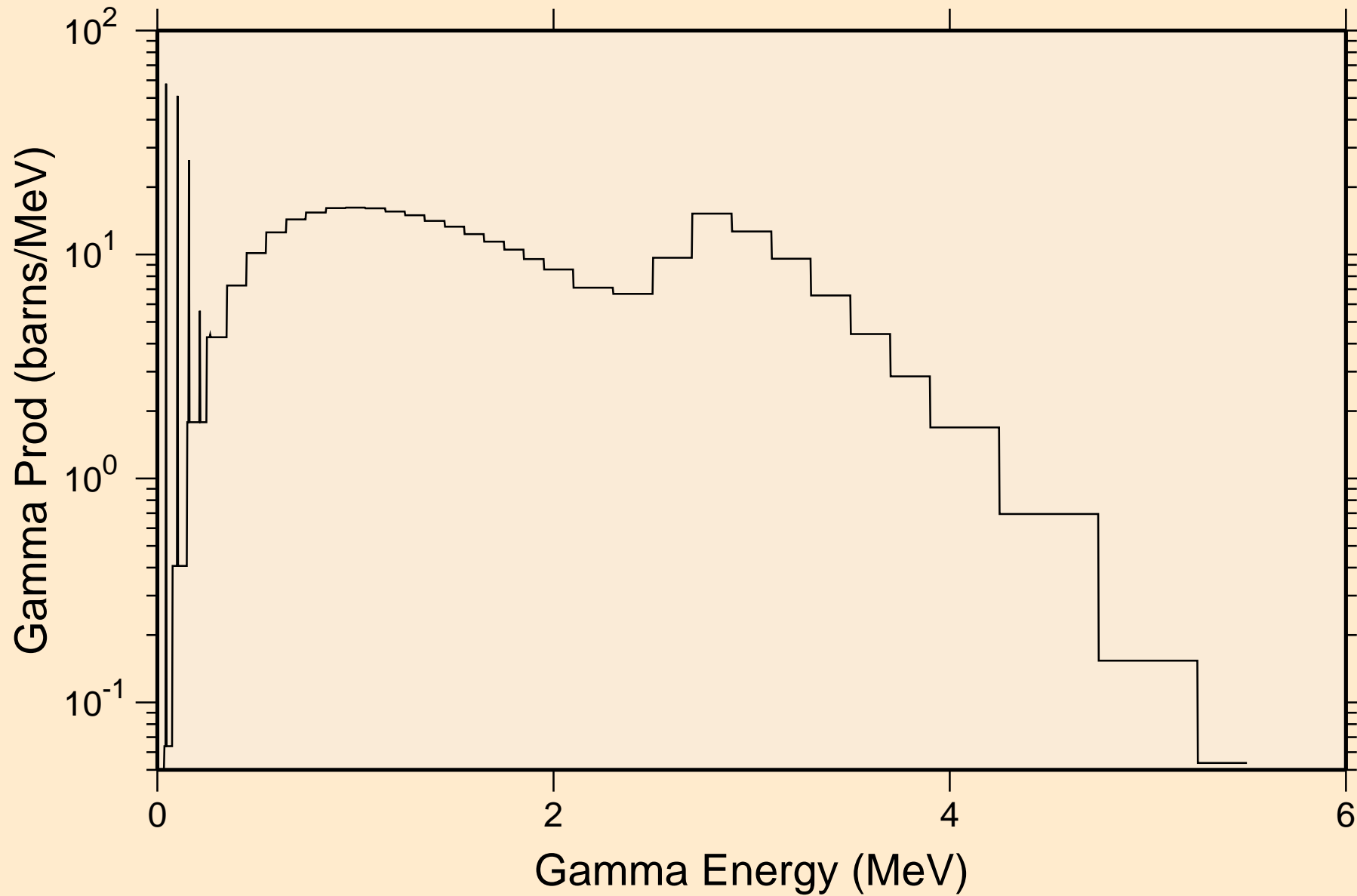
NO253 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



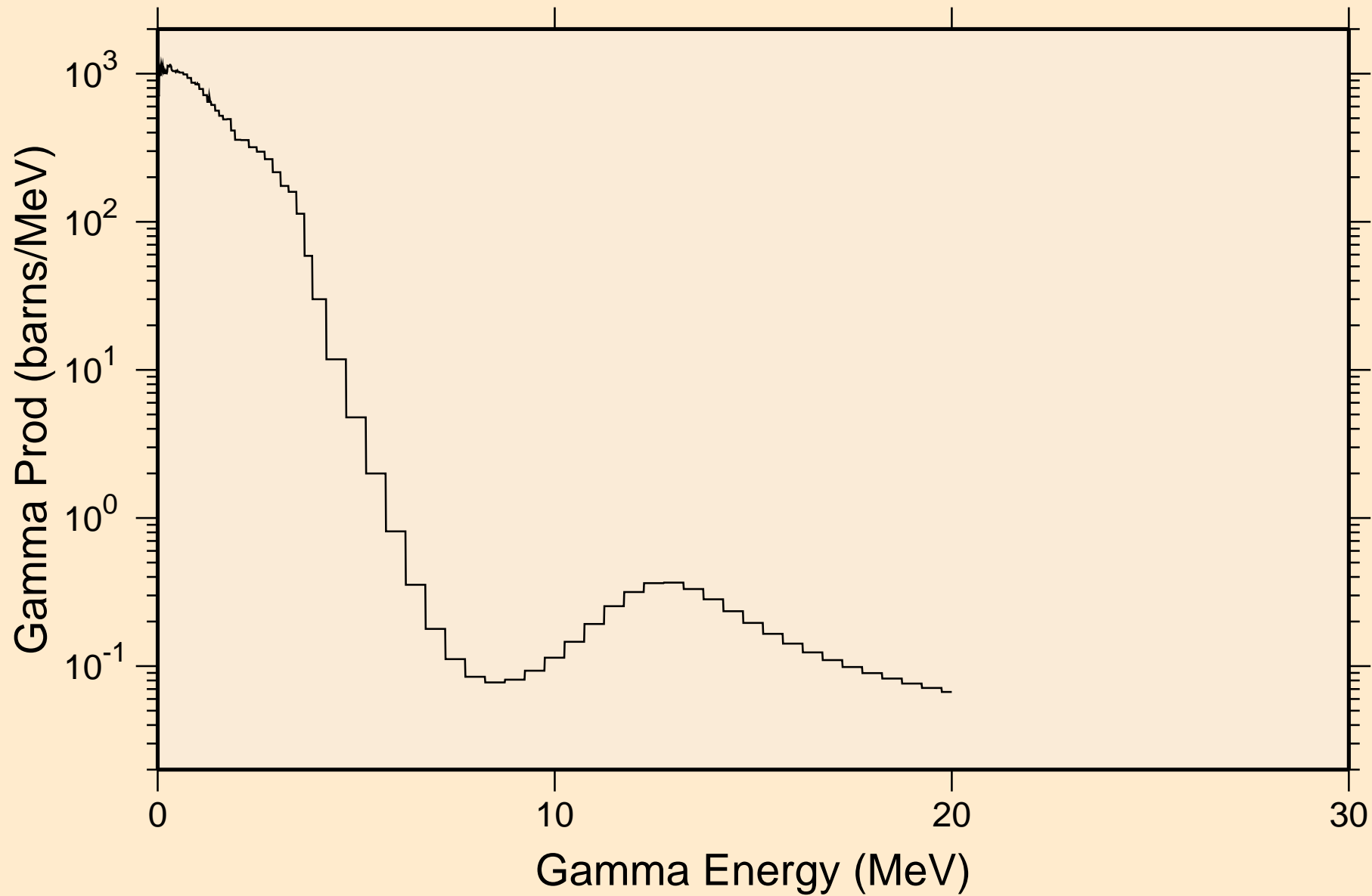
NO253 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



NO253 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

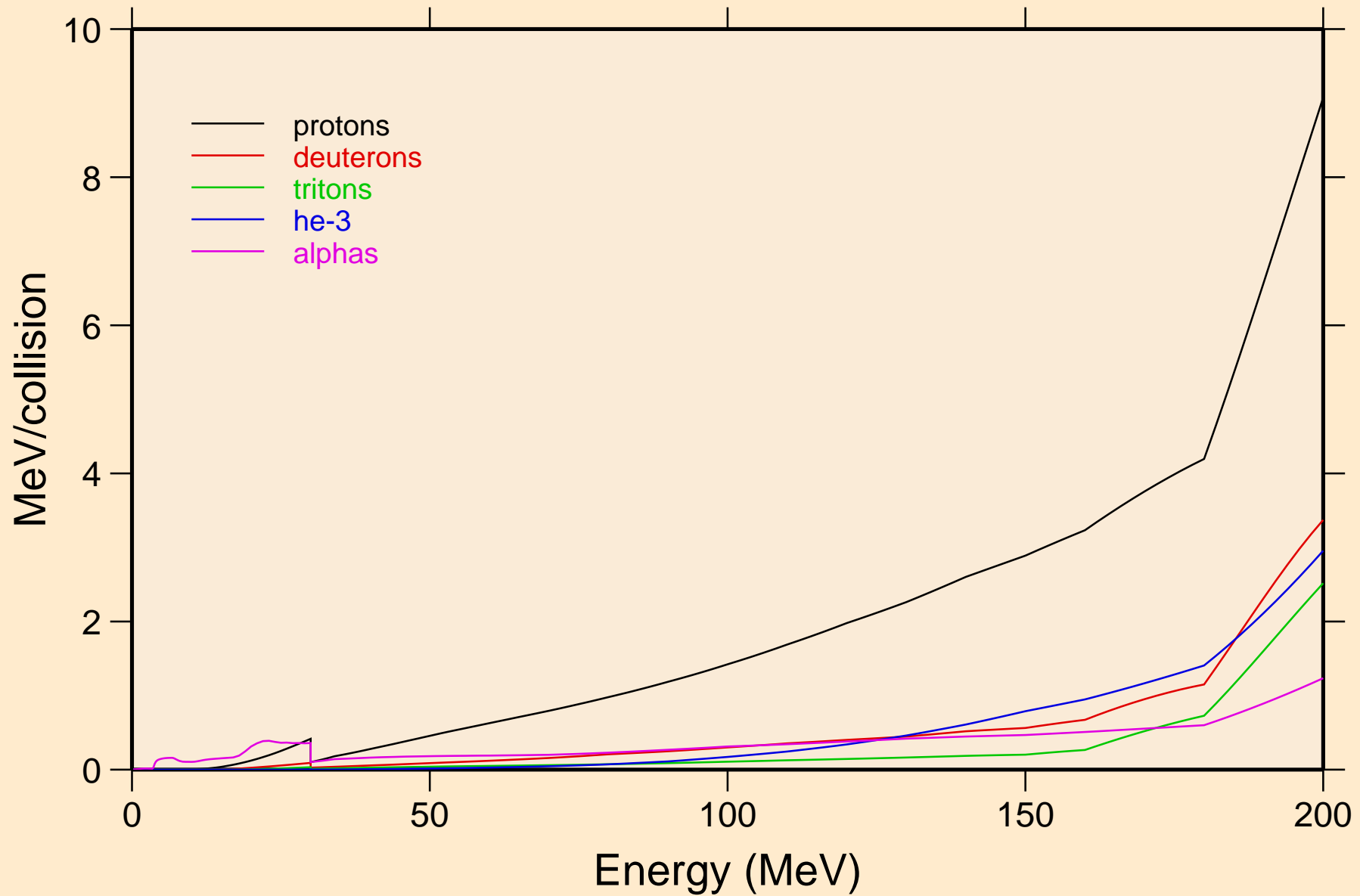


NO253 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



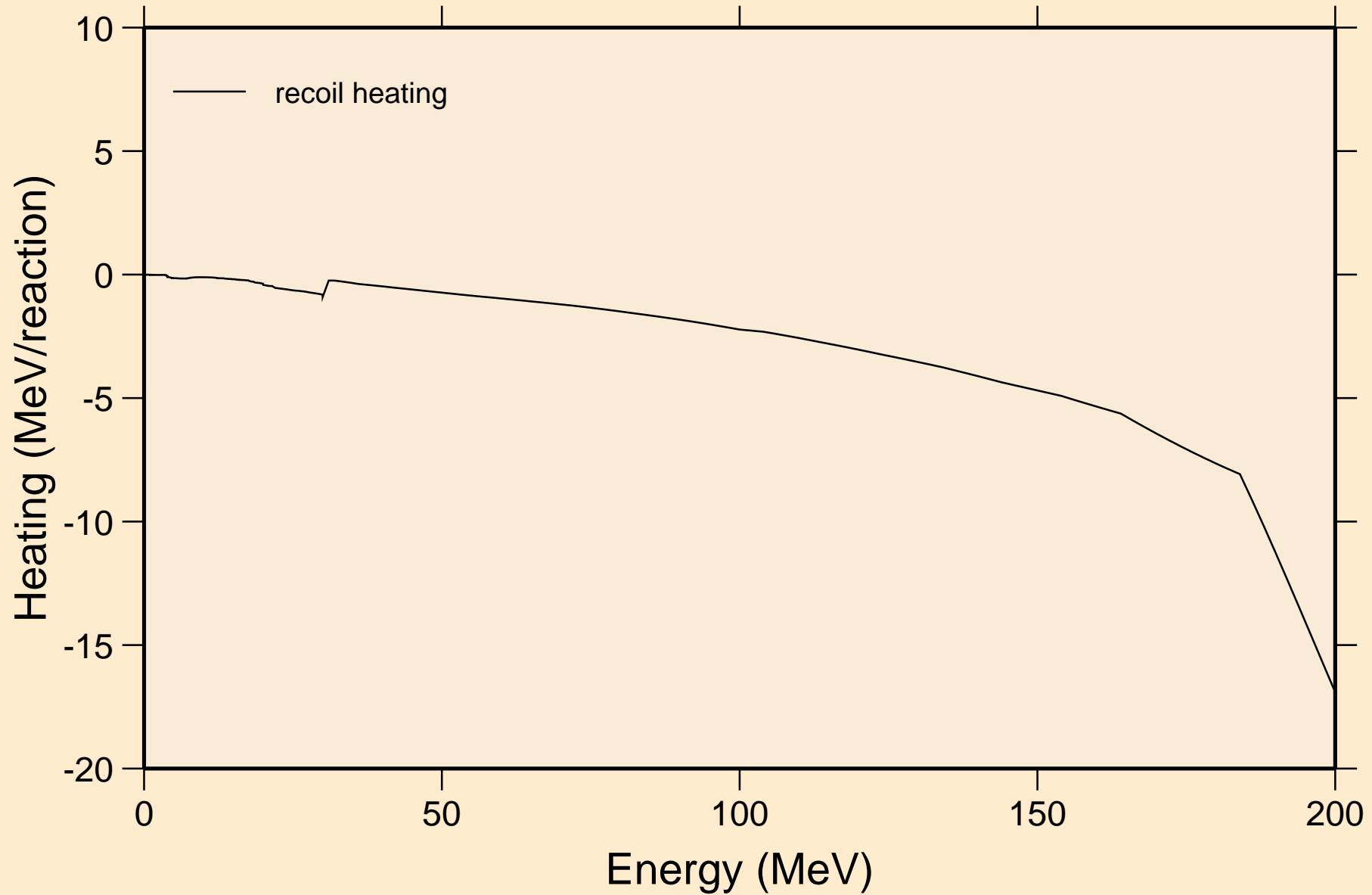
# NO253 NRG TENDL-2015, AKONING

## Particle heating contributions



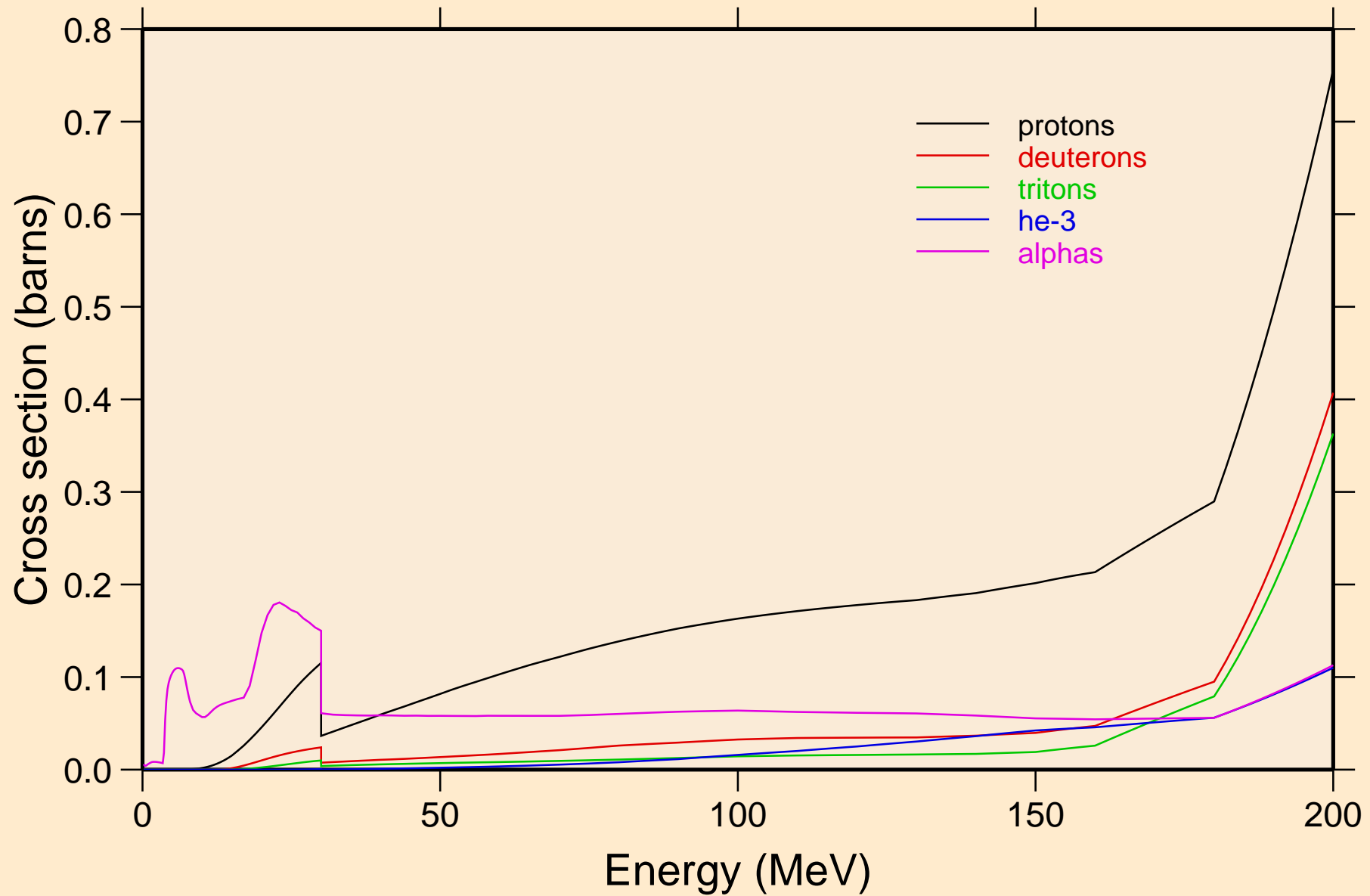
# NO253 NRG TENDL-2015, AKONING

## Recoil Heating

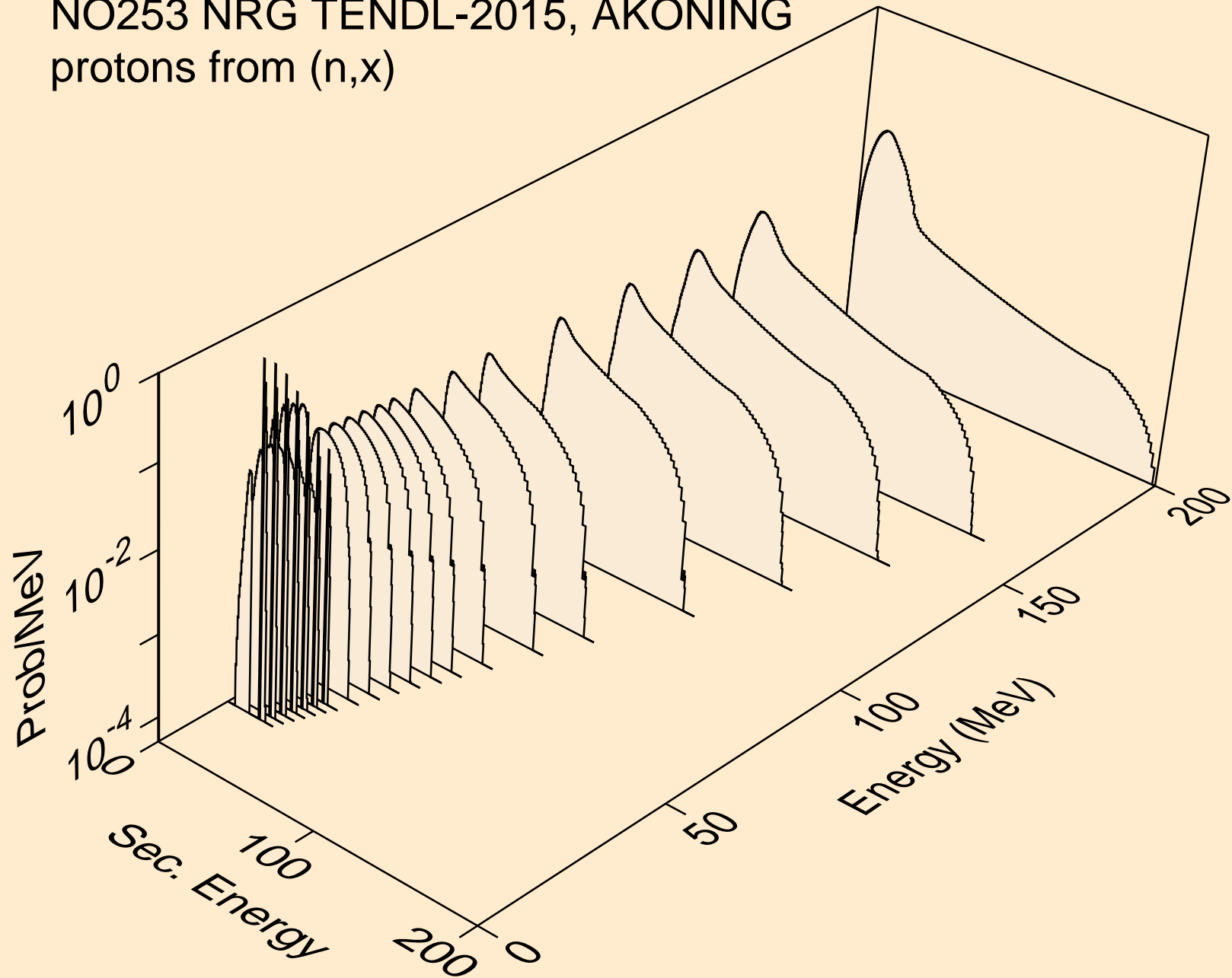


# NO253 NRG TENDL-2015, AKONING

## Particle production cross sections

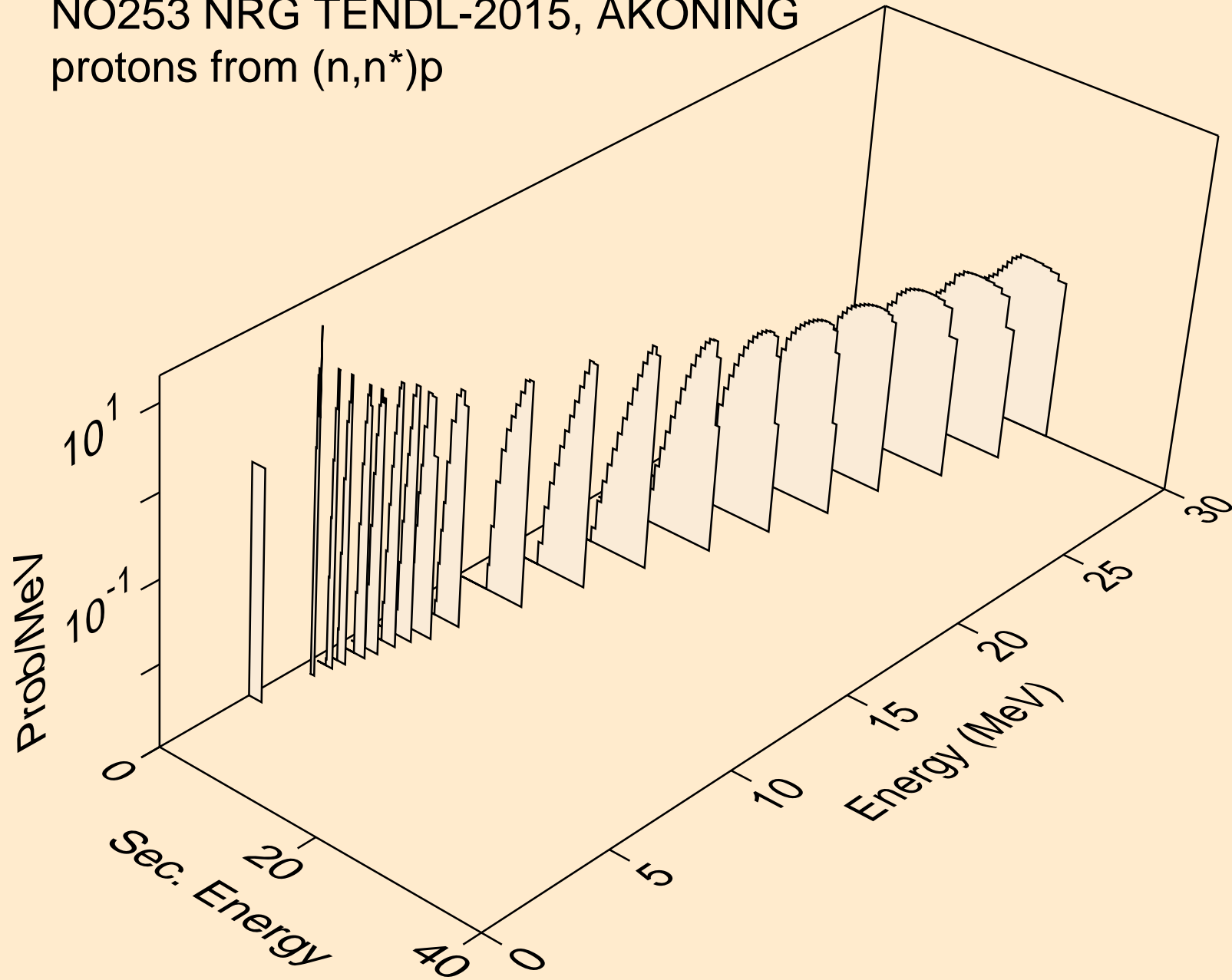


NO253 NRG TENDL-2015, AKONING  
protons from (n,x)

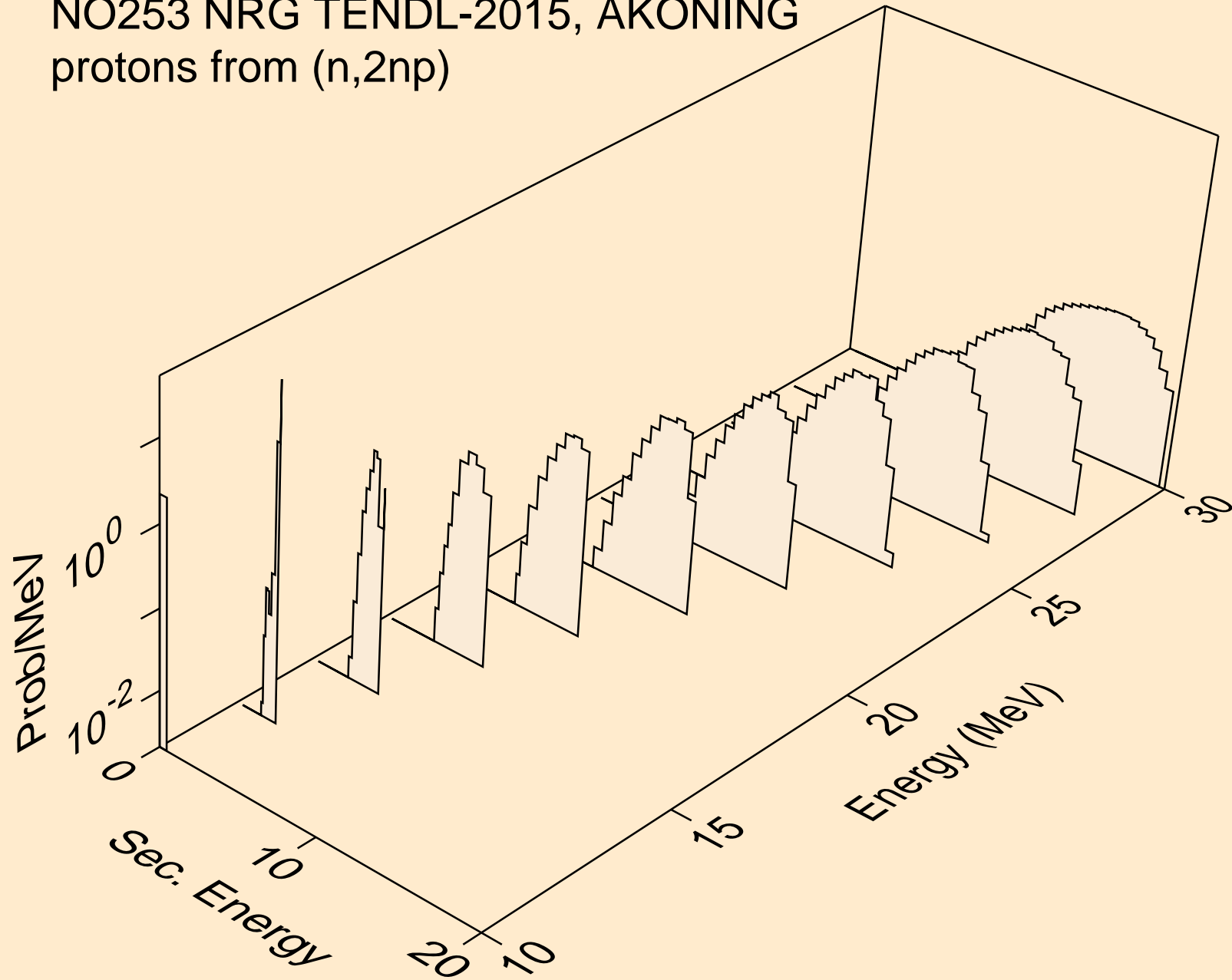




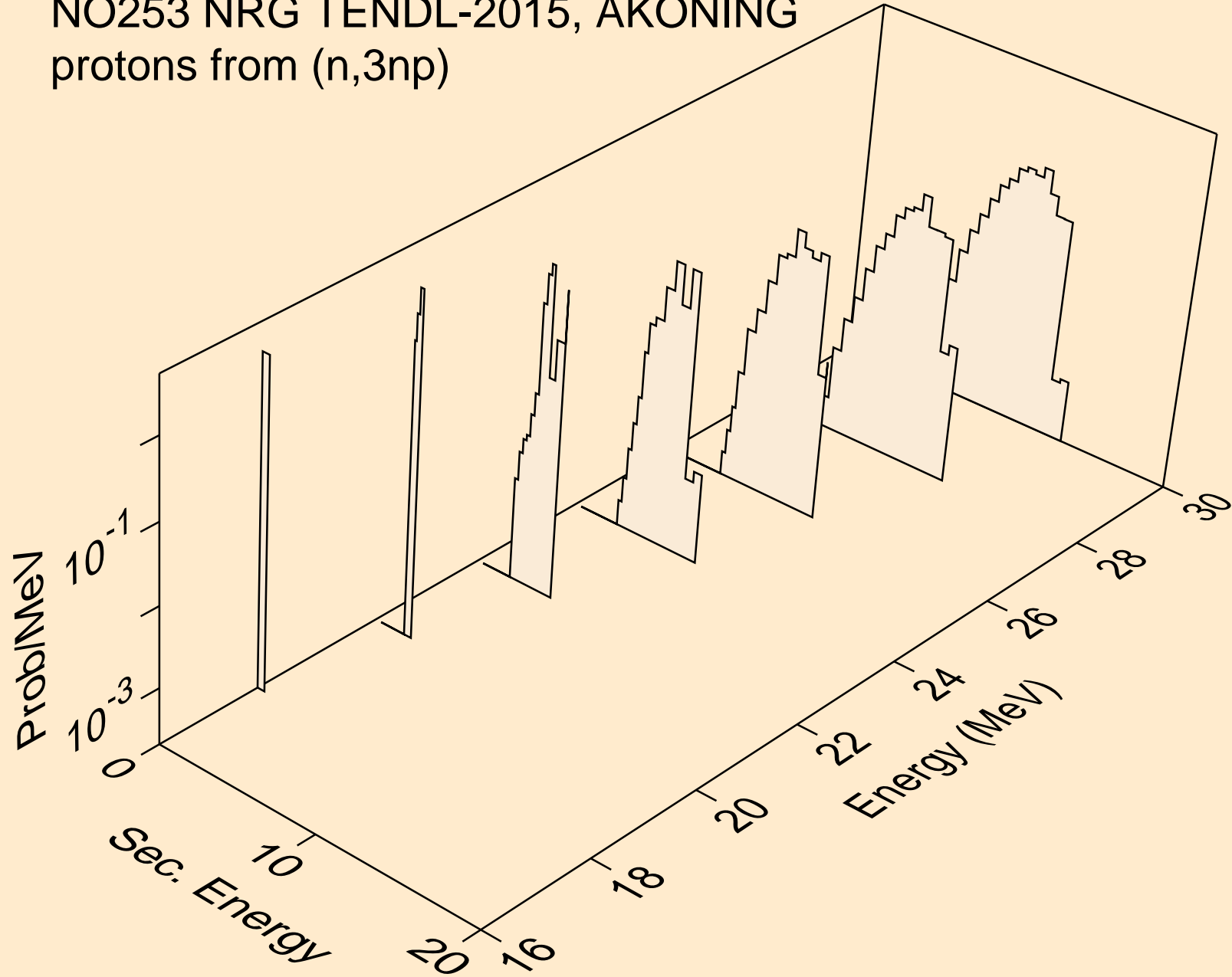
NO253 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



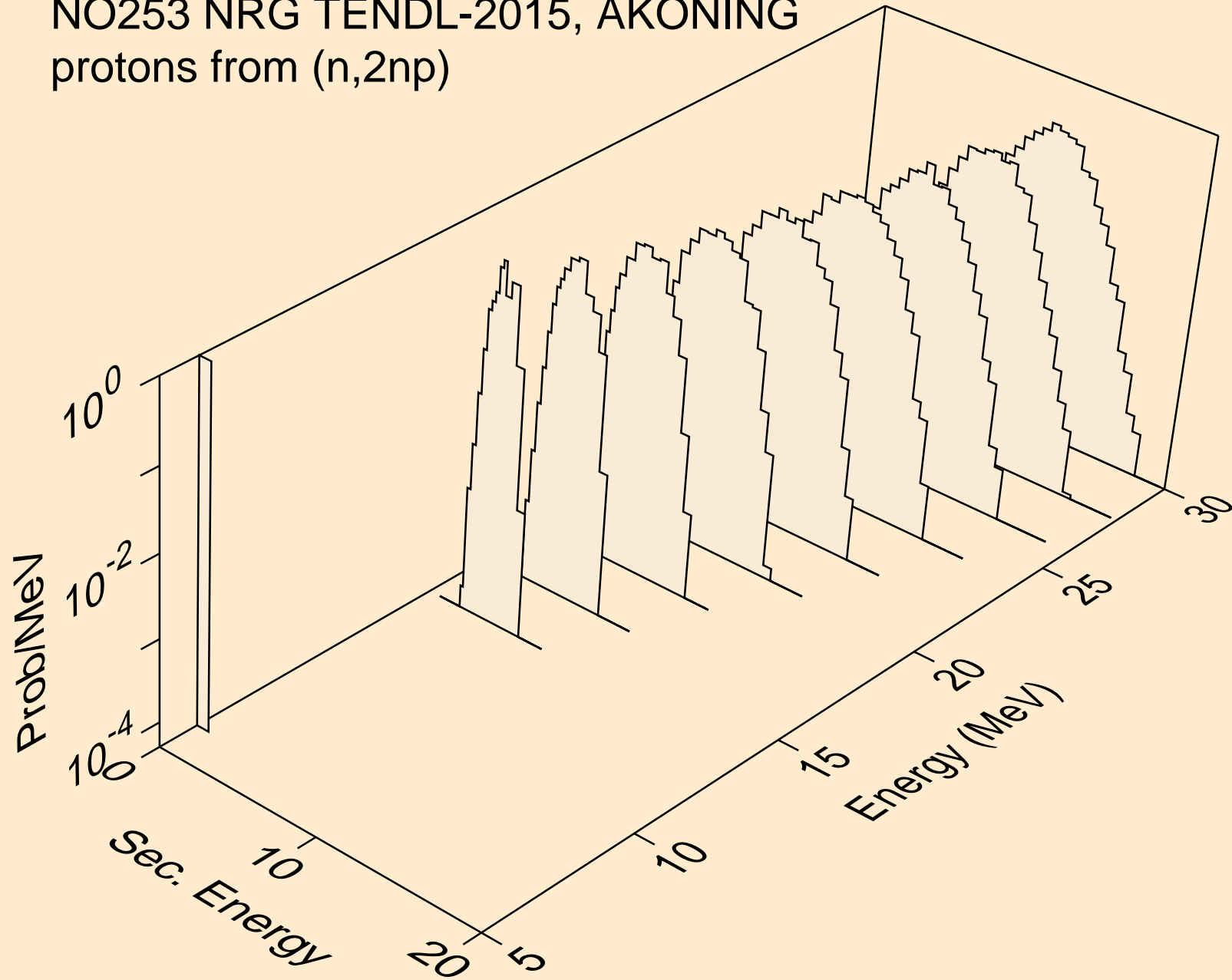
NO253 NRG TENDL-2015, AKONING  
protons from (n,2np)



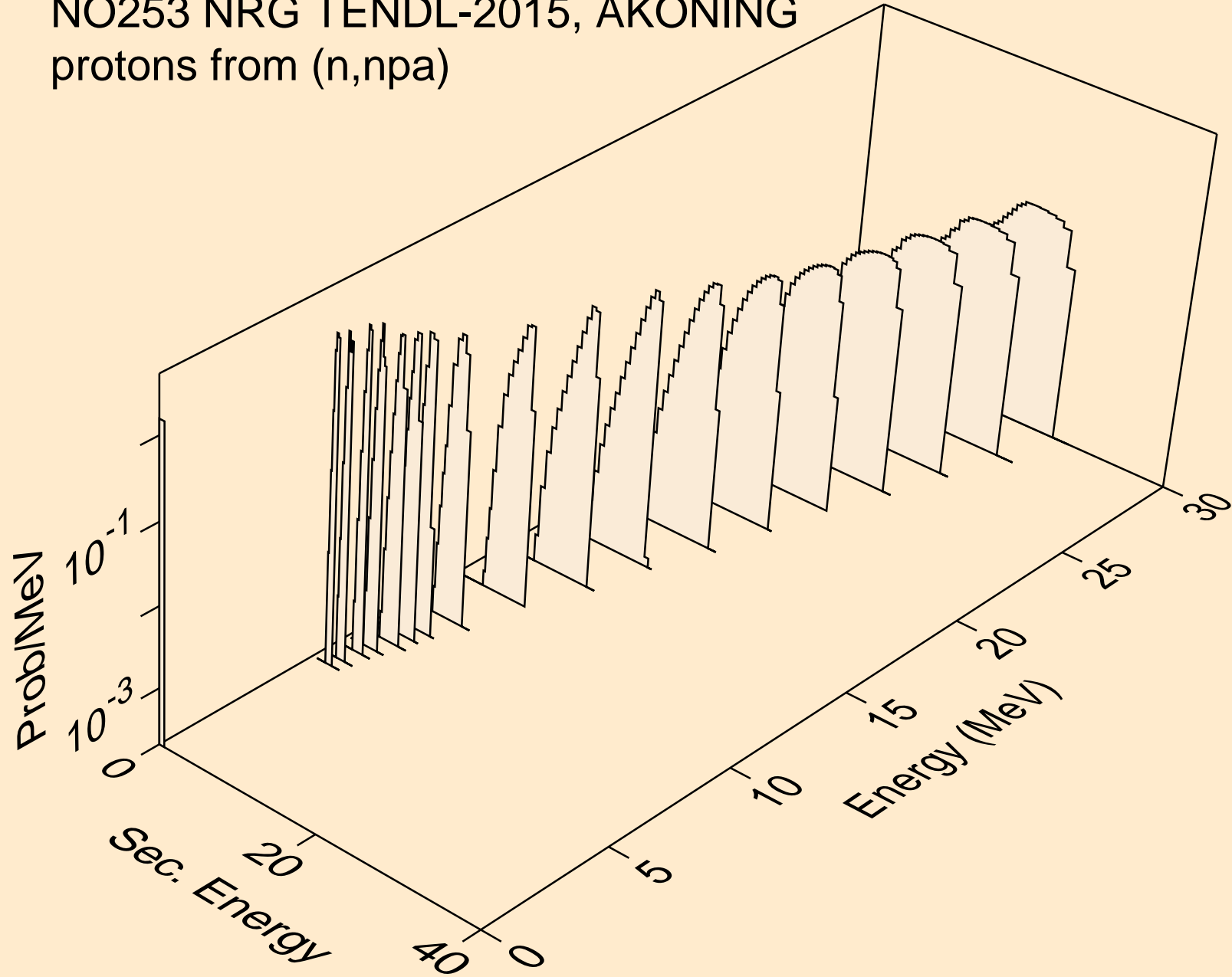
NO253 NRG TENDL-2015, AKONING  
protons from (n,3np)



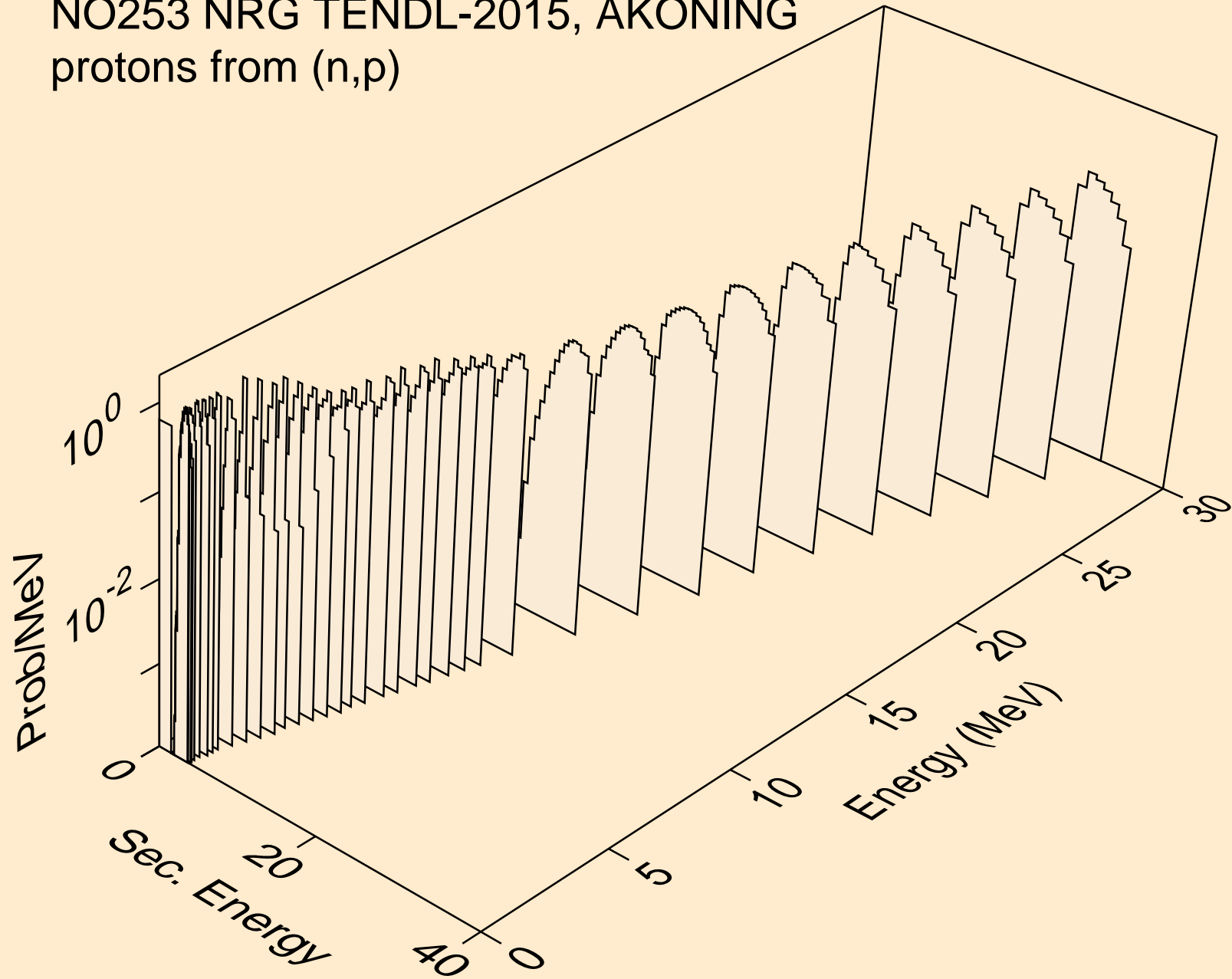
NO253 NRG TENDL-2015, AKONING  
protons from (n,2np)



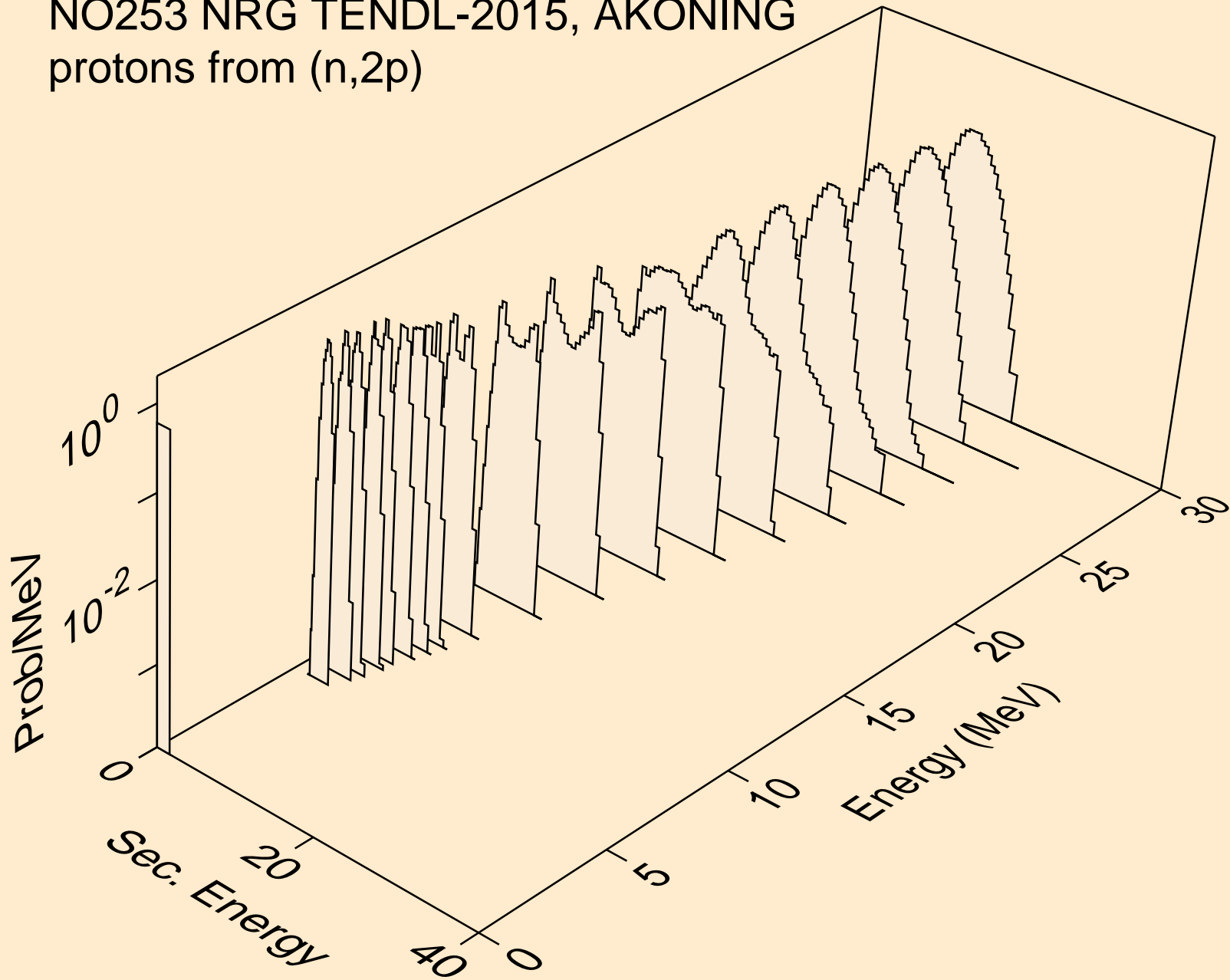
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protons from (n,npa)



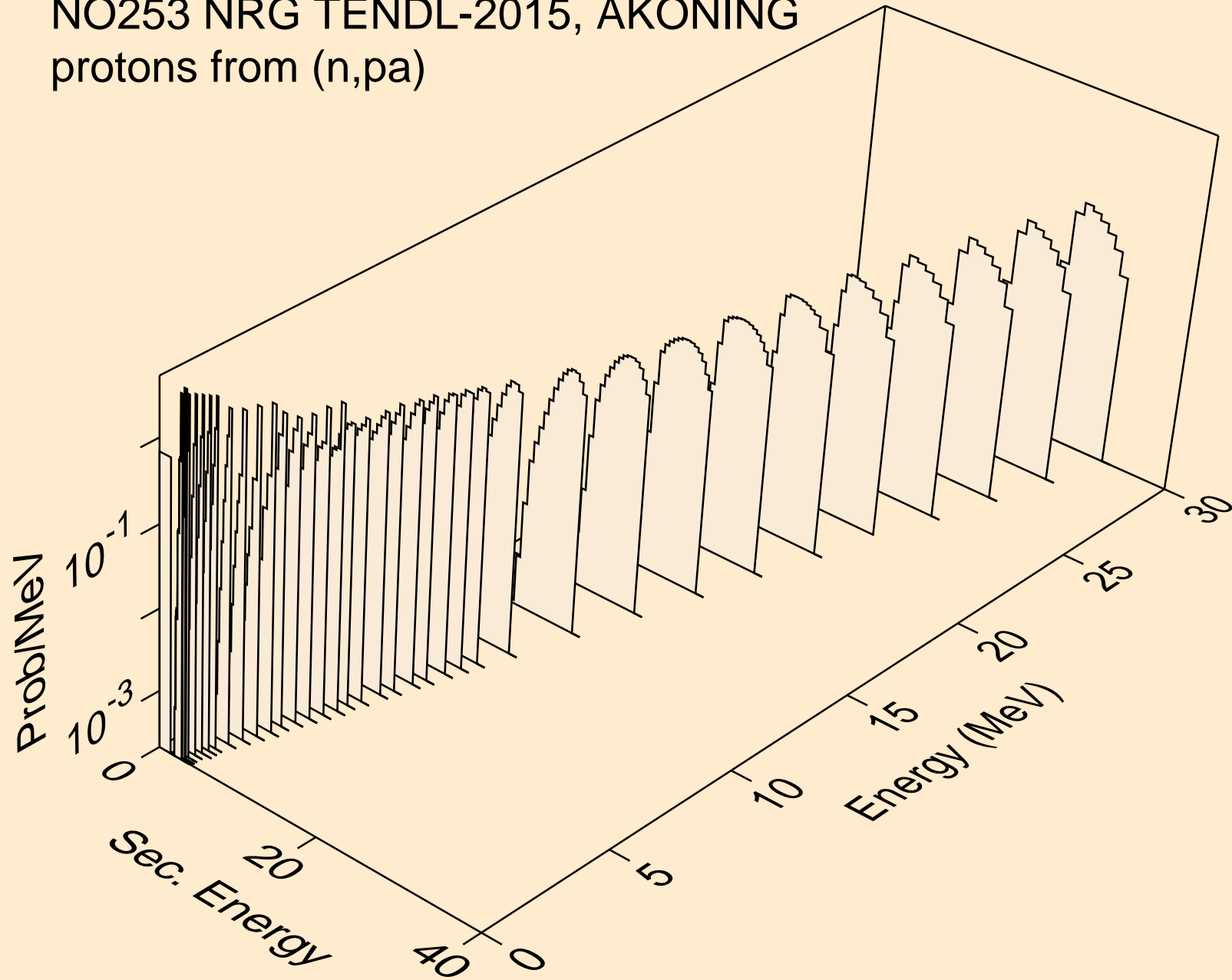
NO253 NRG TENDL-2015, AKONING  
protons from (n,p)



NO253 NRG TENDL-2015, AKONING  
protons from (n,2p)

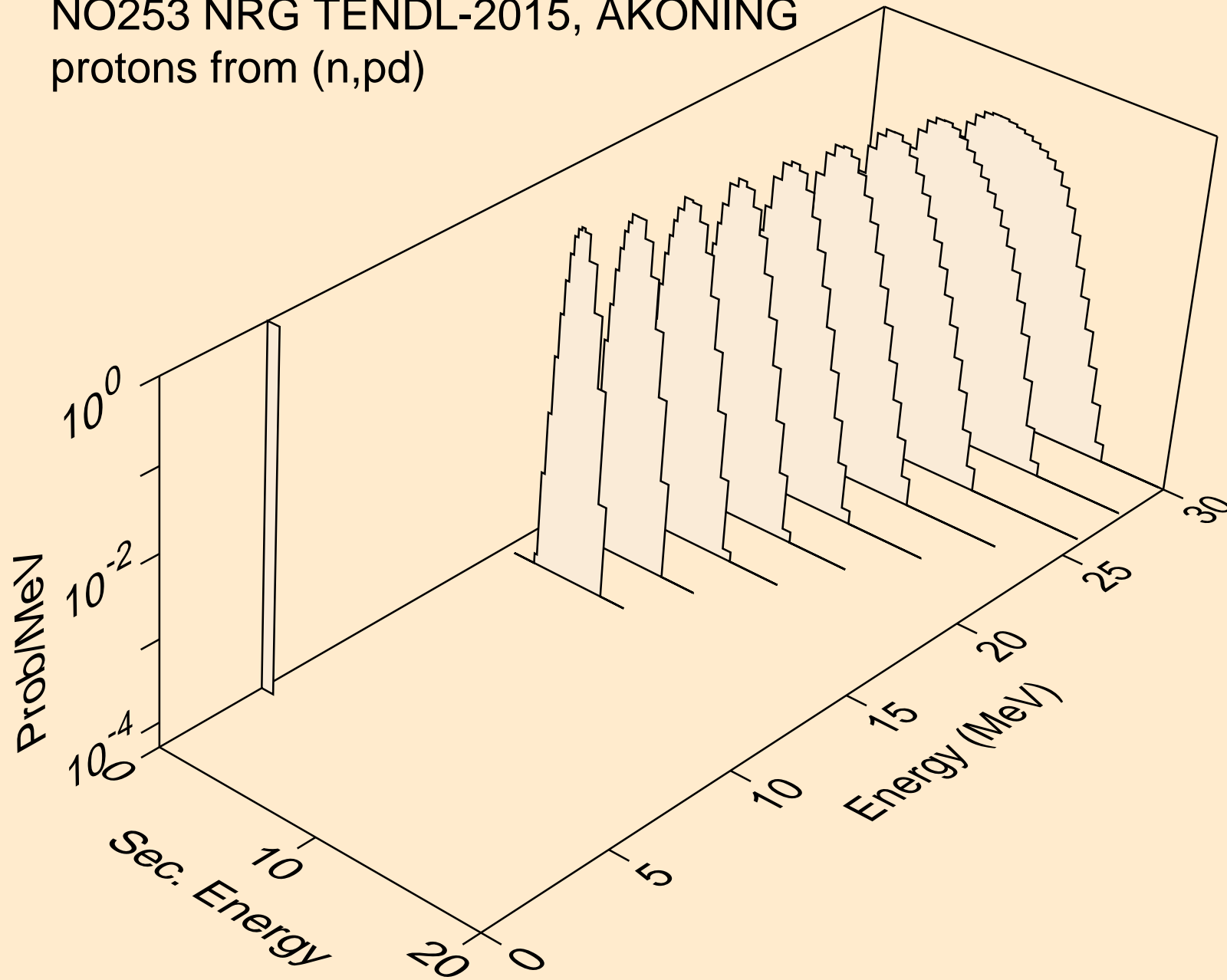


NO253 NRG TENDL-2015, AKONING  
protons from (n,pa)

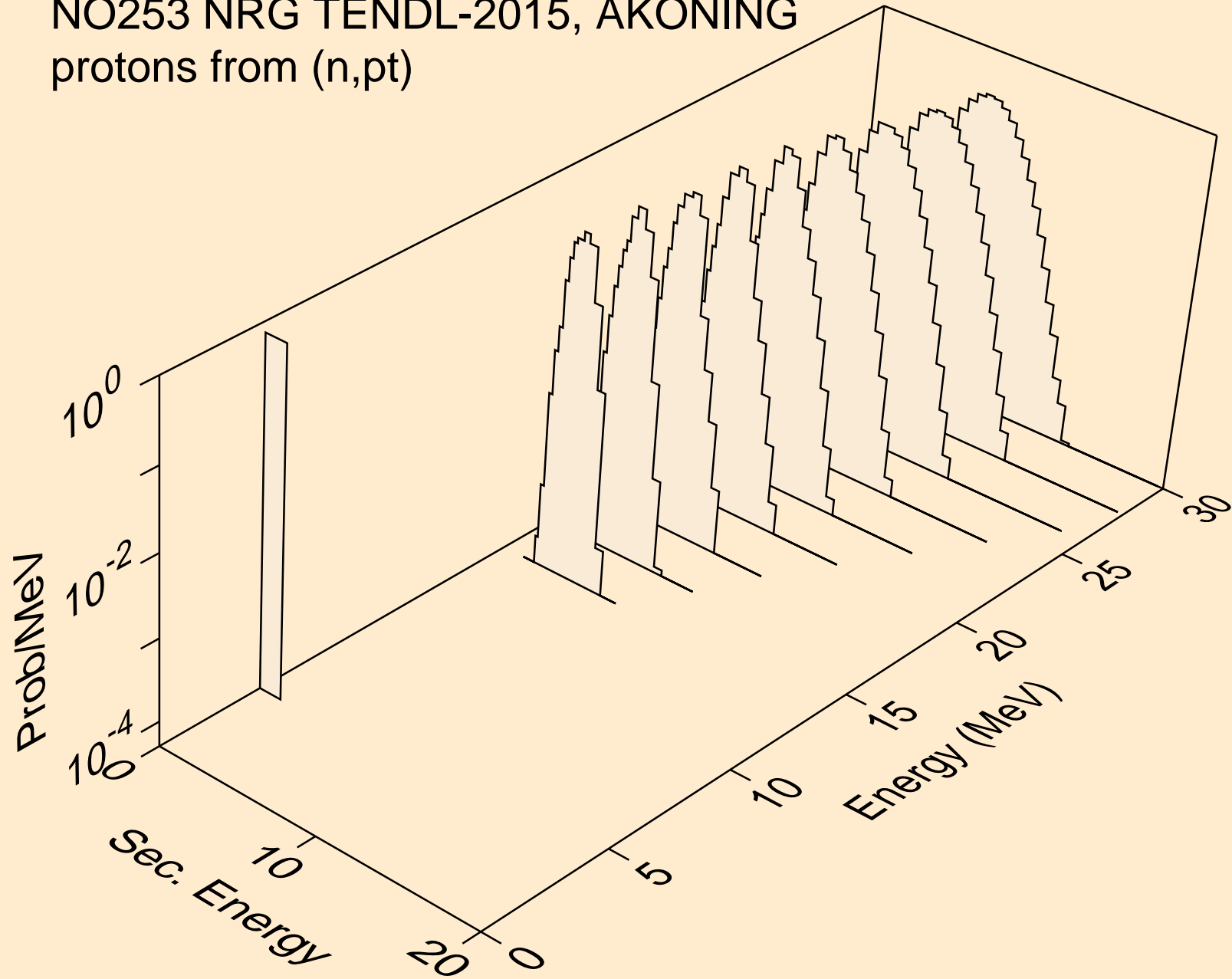




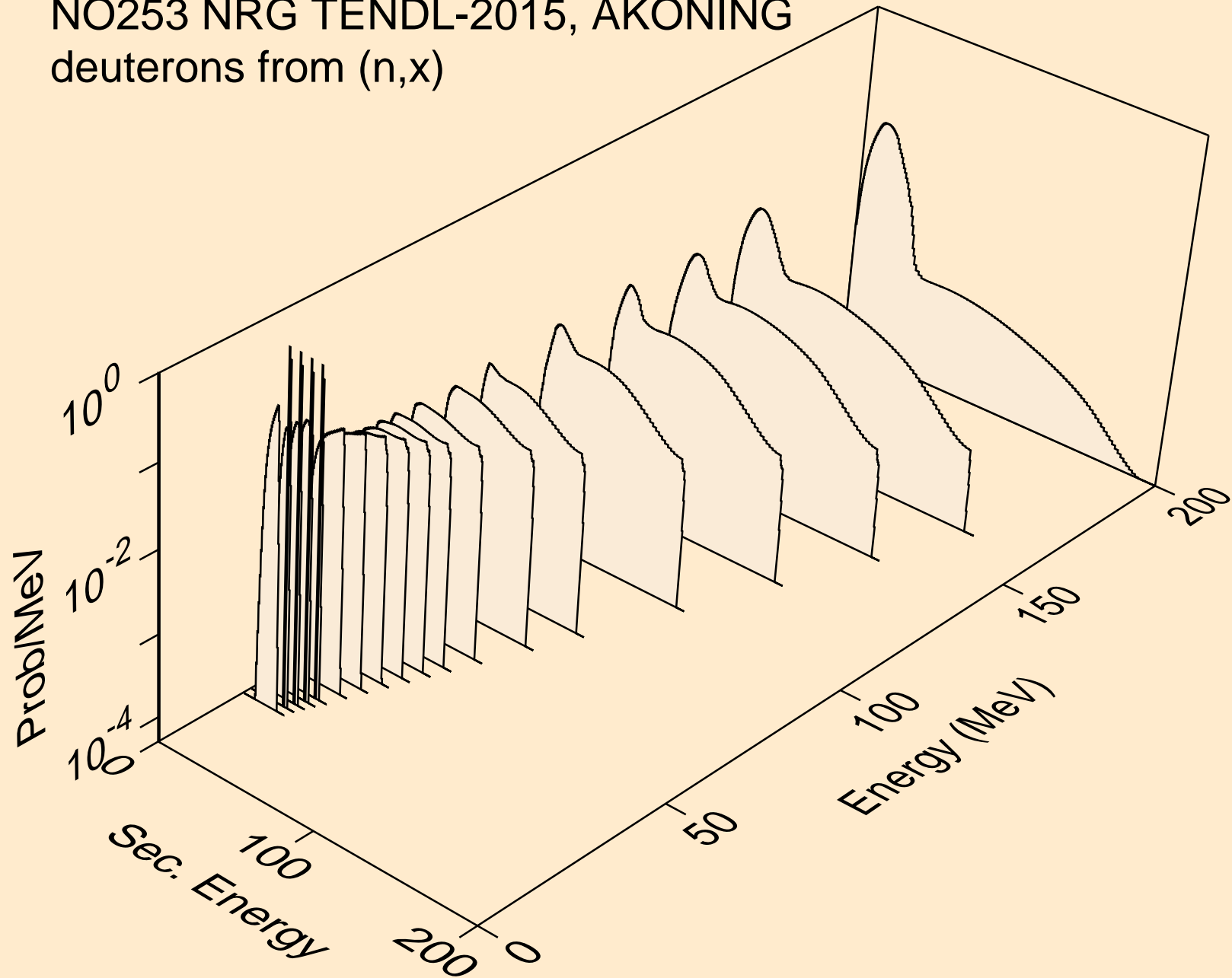
NO253 NRG TENDL-2015, AKONING  
protons from (n,pd)



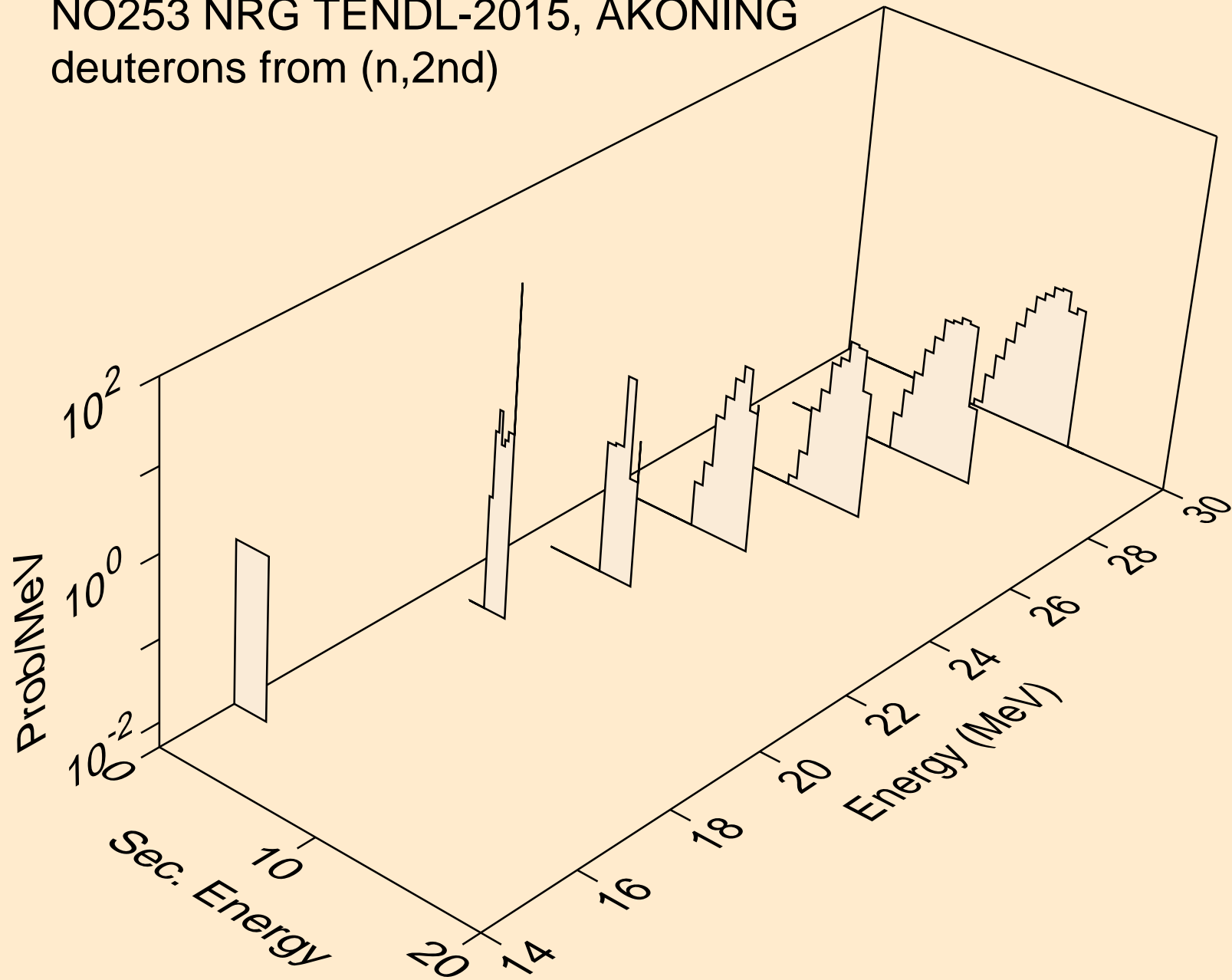
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protons from (n,pt)



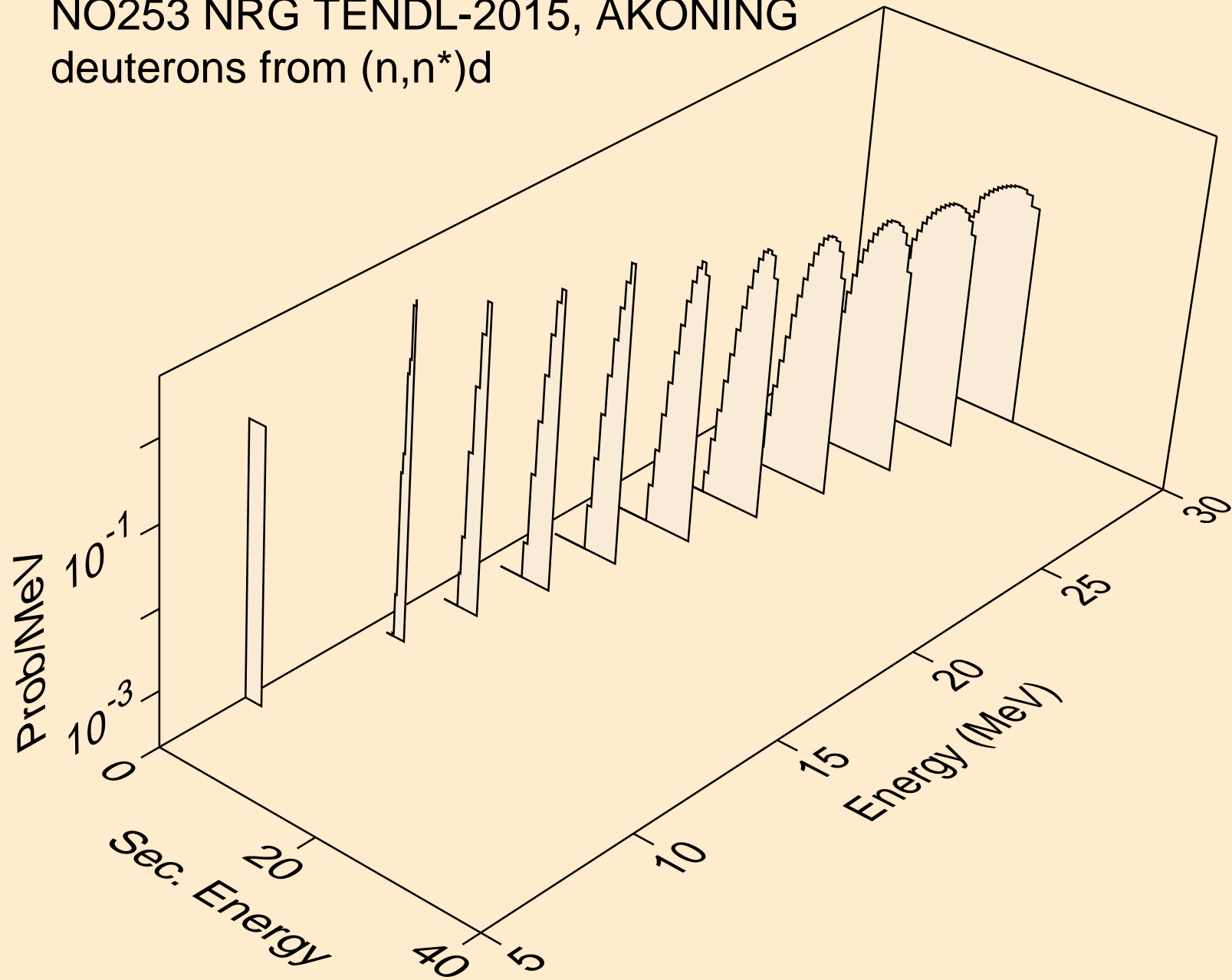
NO253 NRG TENDL-2015, AKONING  
deuterons from (n,x)



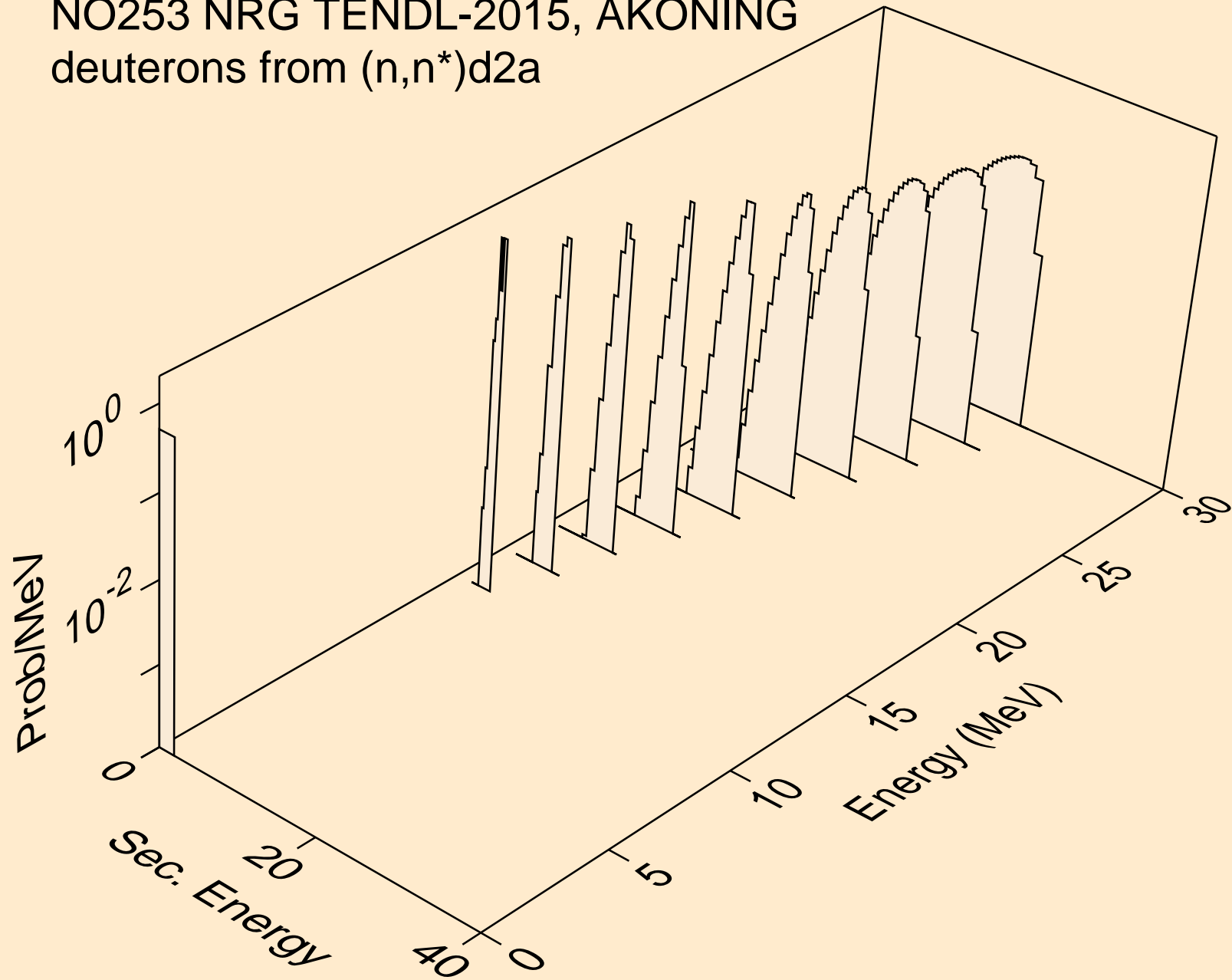
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deuterons from (n,2nd)



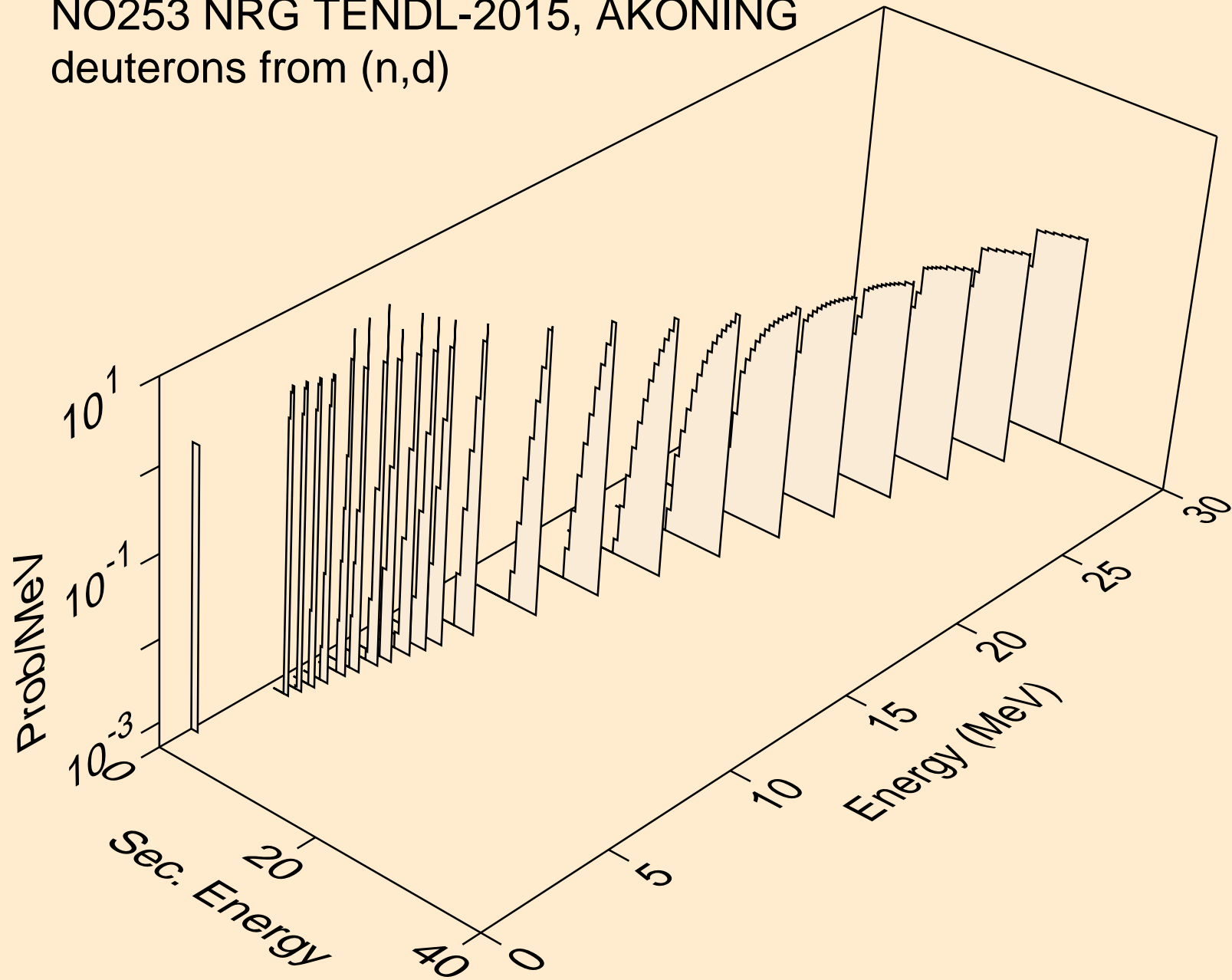
NO253 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



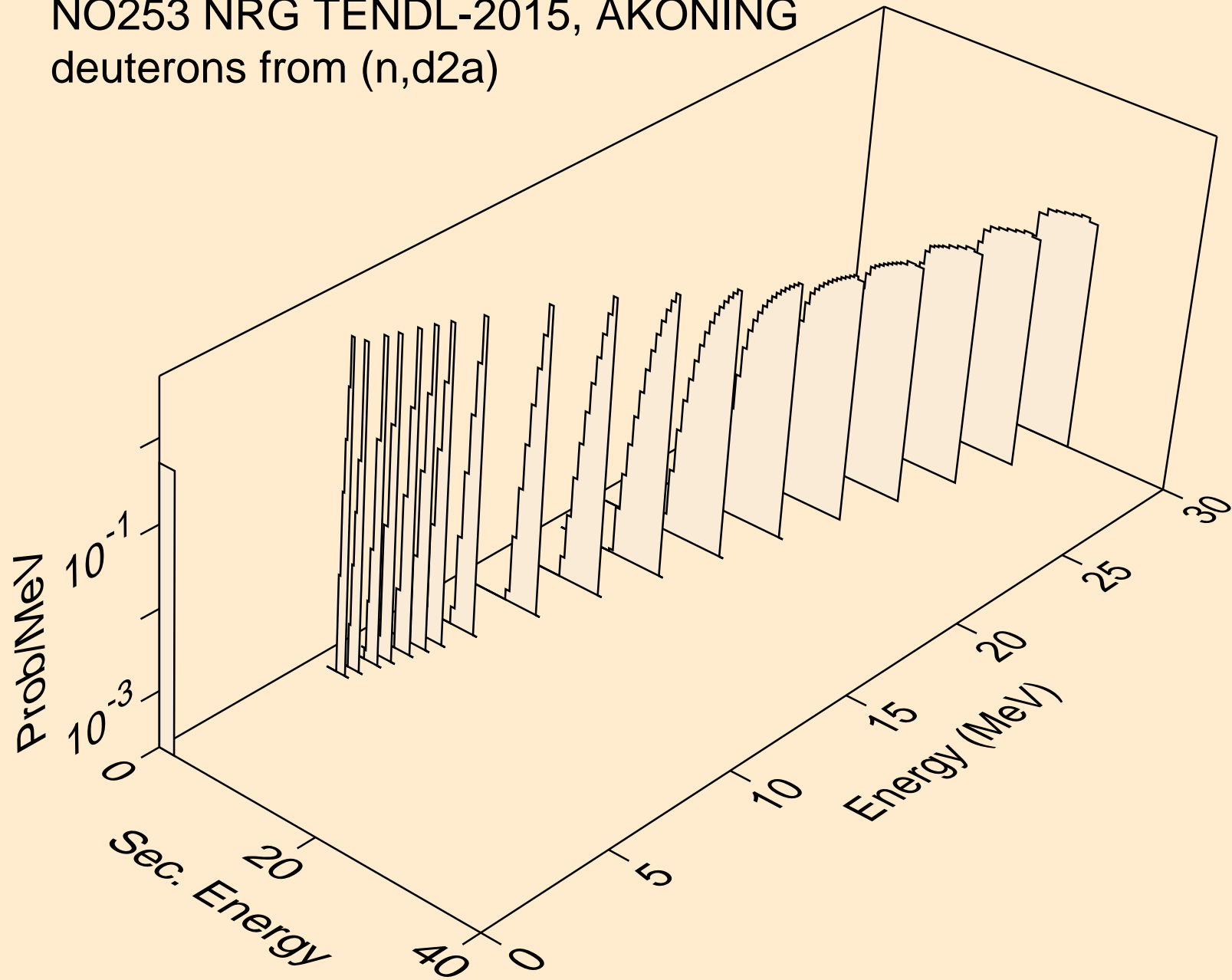
NO253 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d2a



NO253 NRG TENDL-2015, AKONING  
deuterons from (n,d)

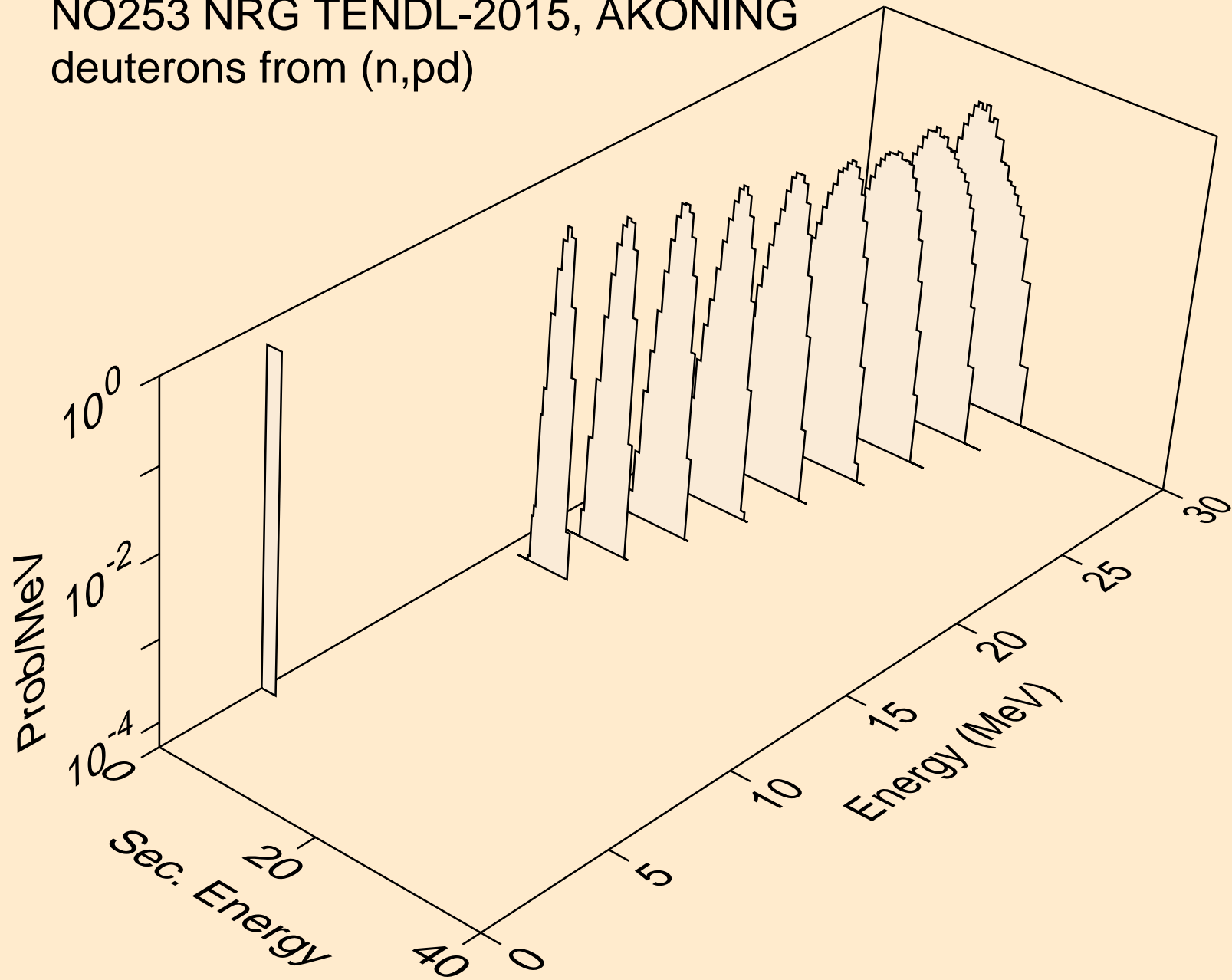


NO253 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)

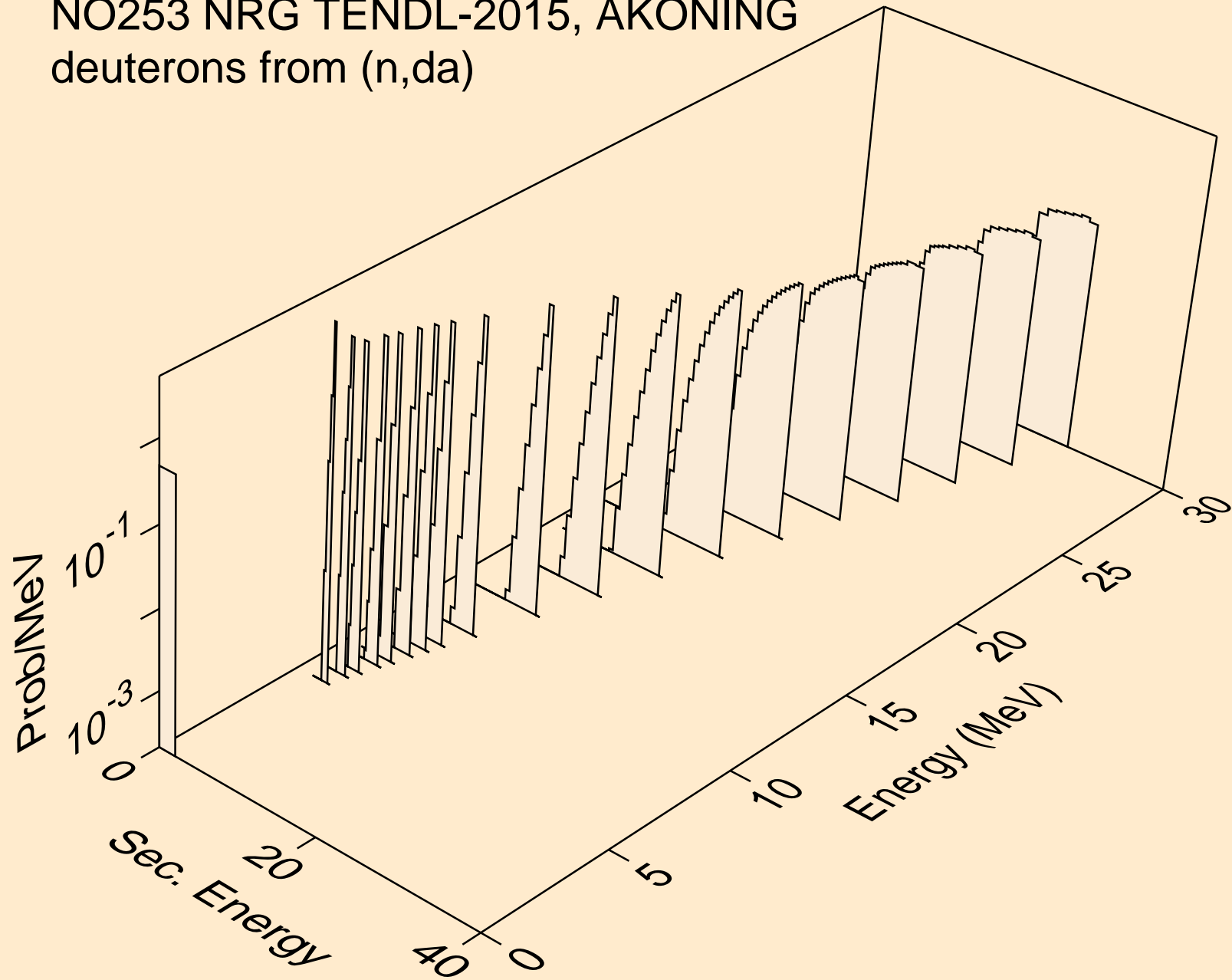




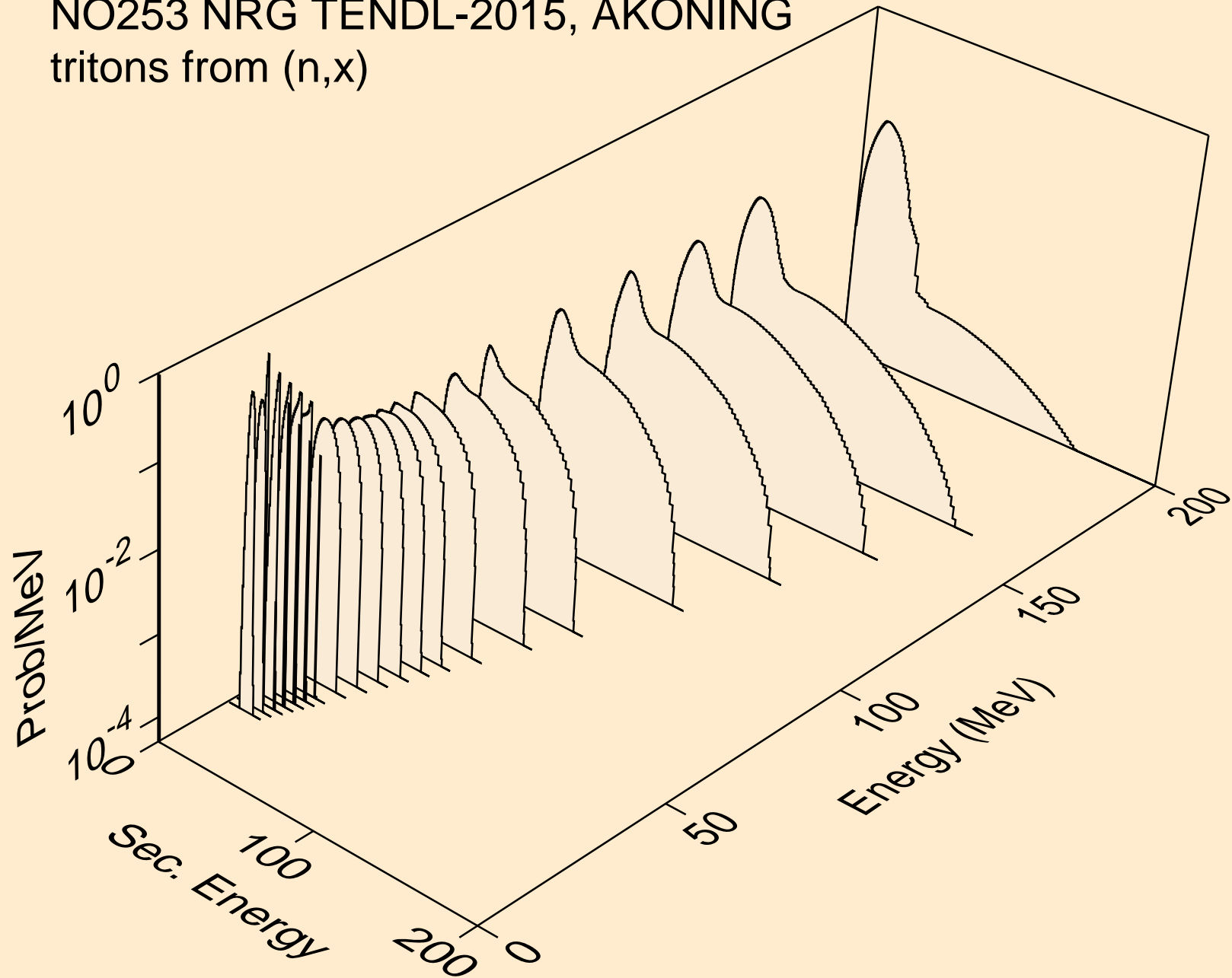
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deuterons from (n,pd)



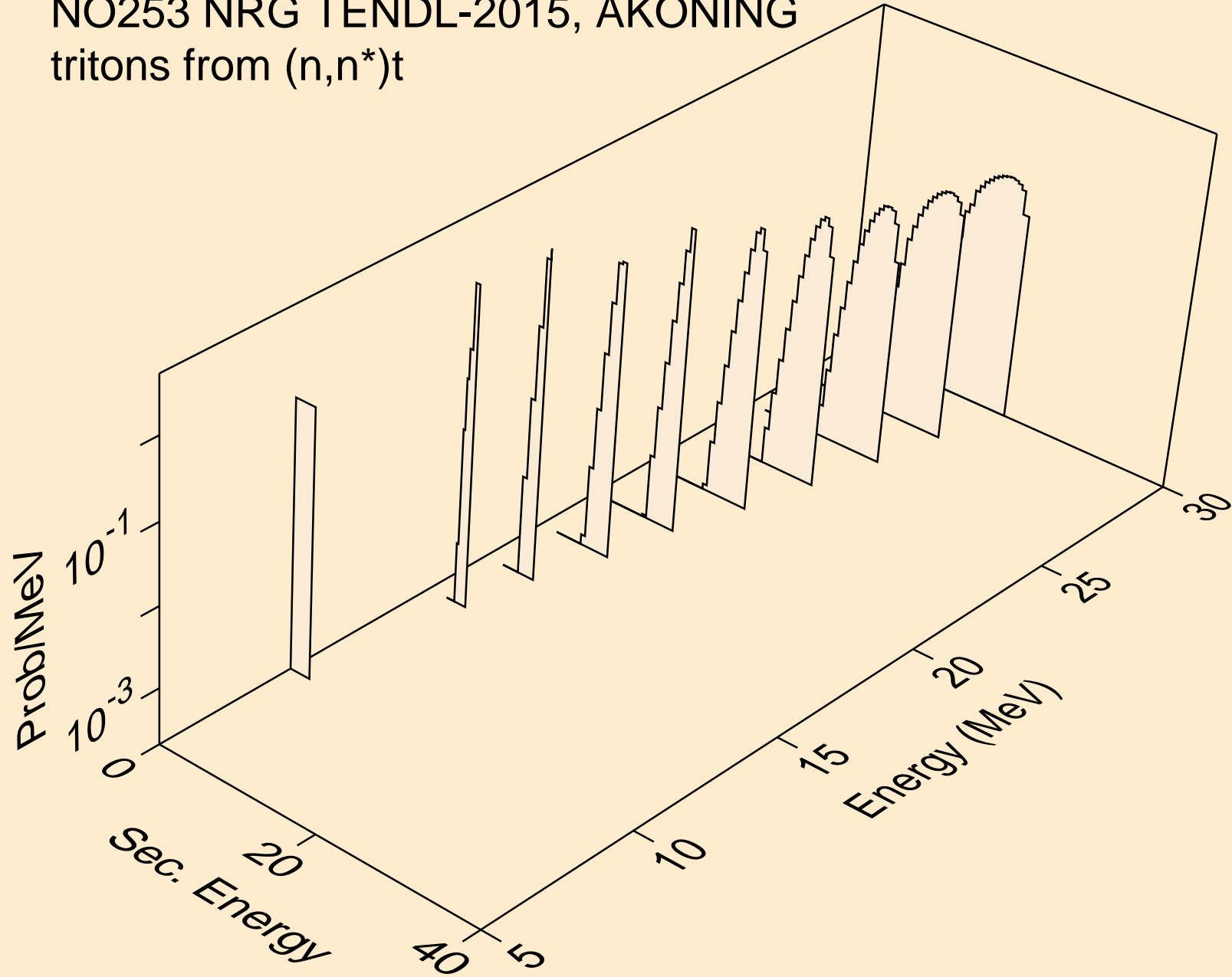
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deuterons from (n,da)



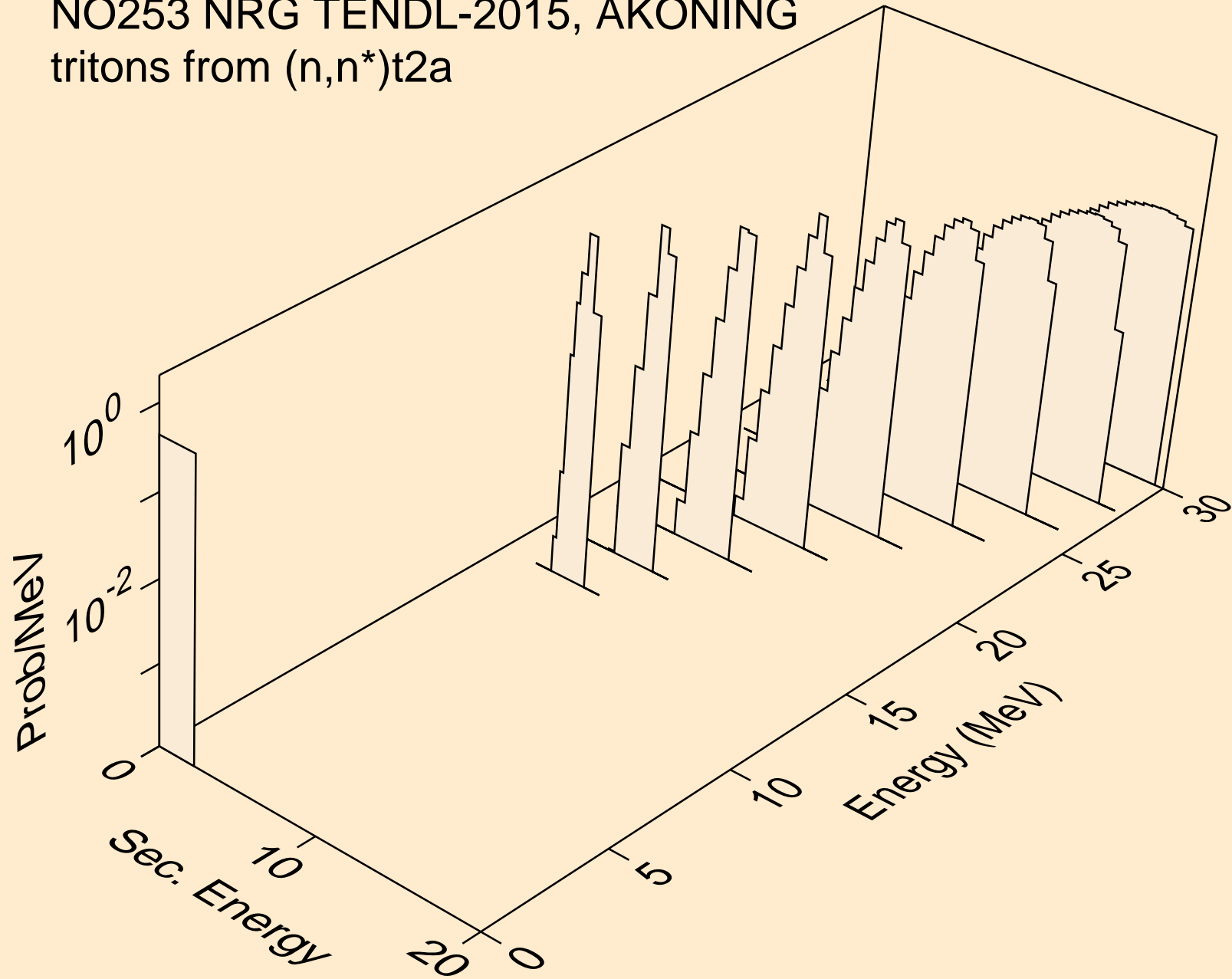
NO253 NRG TENDL-2015, AKONING  
tritons from (n,x)



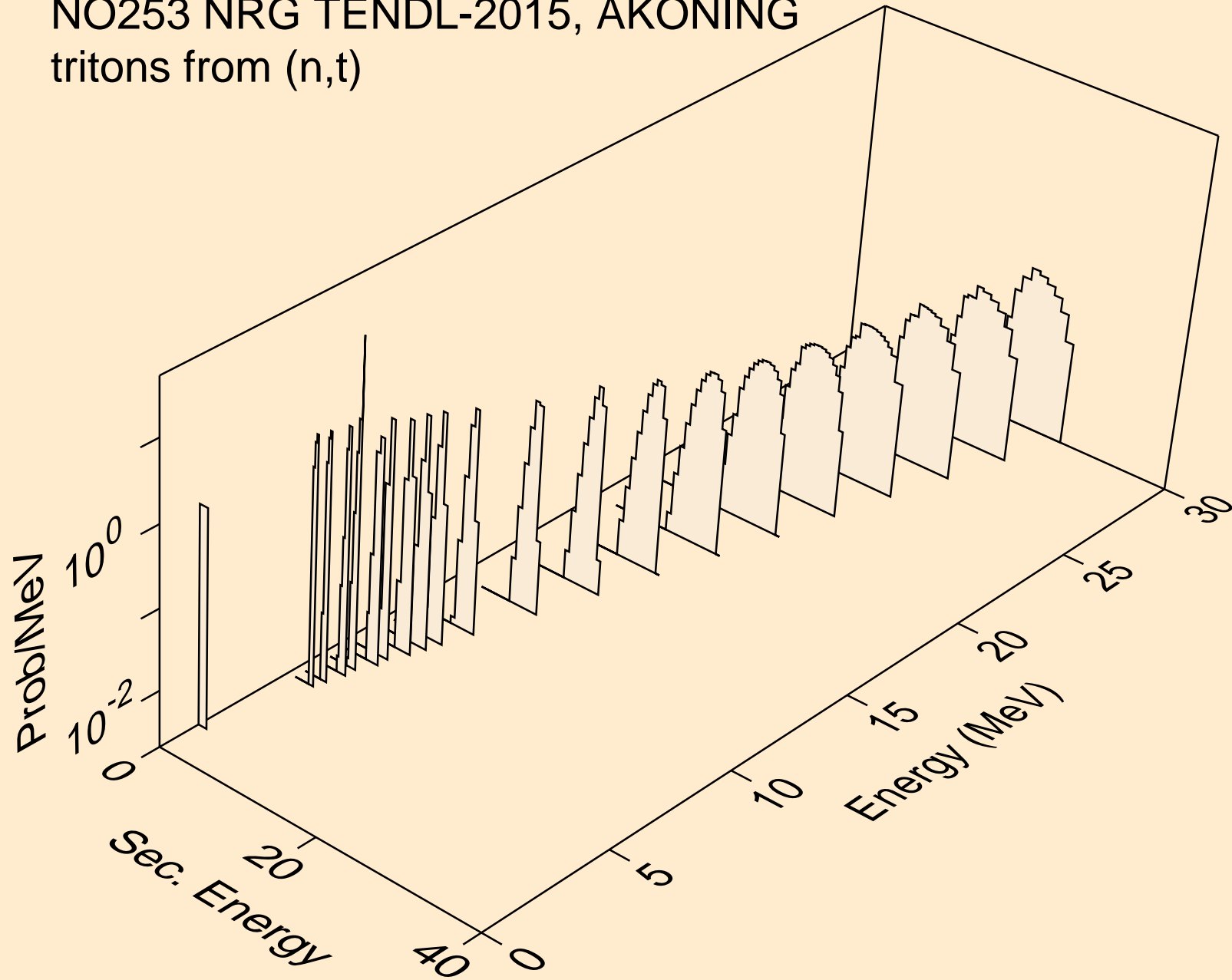
NO253 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



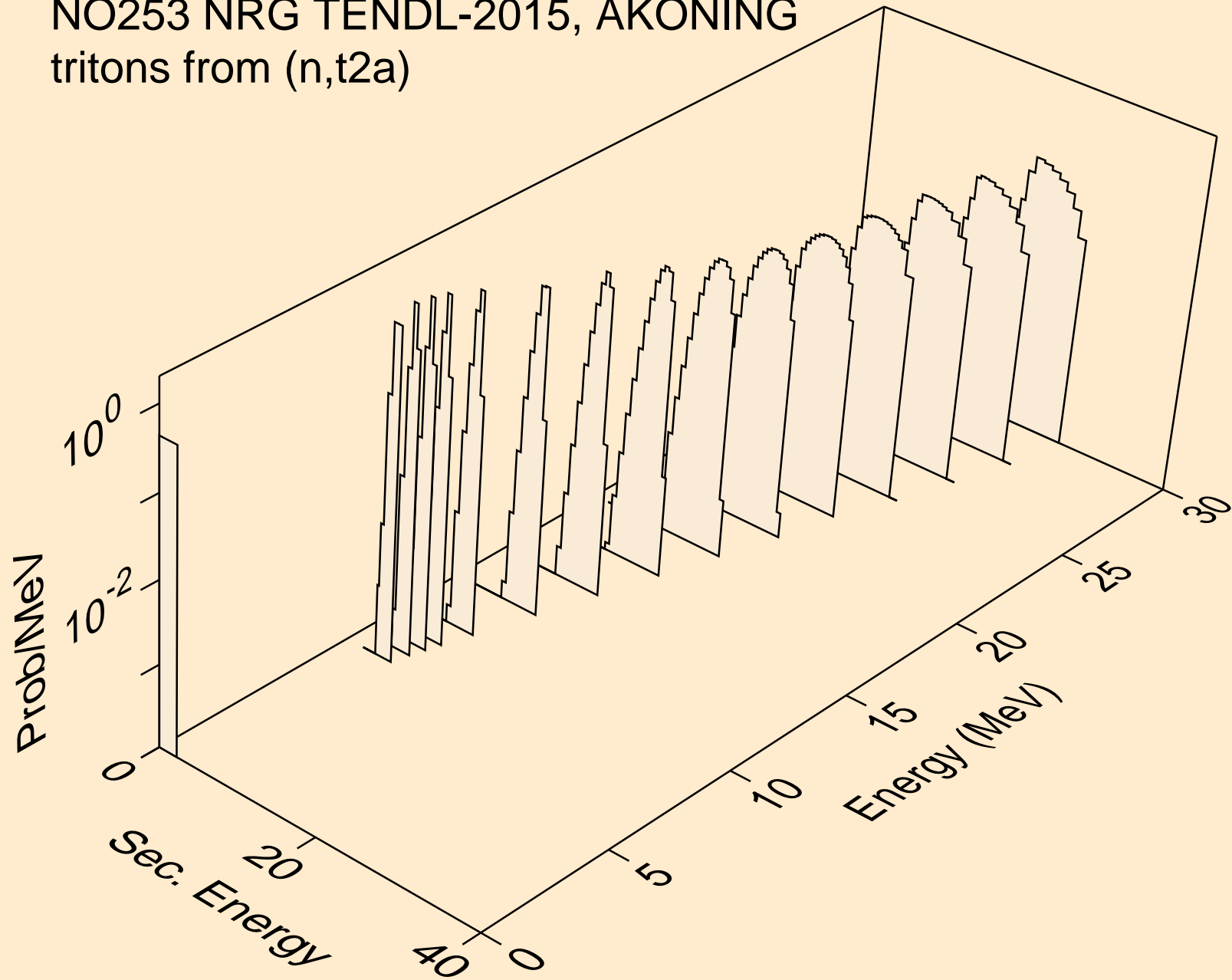
NO253 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t2a



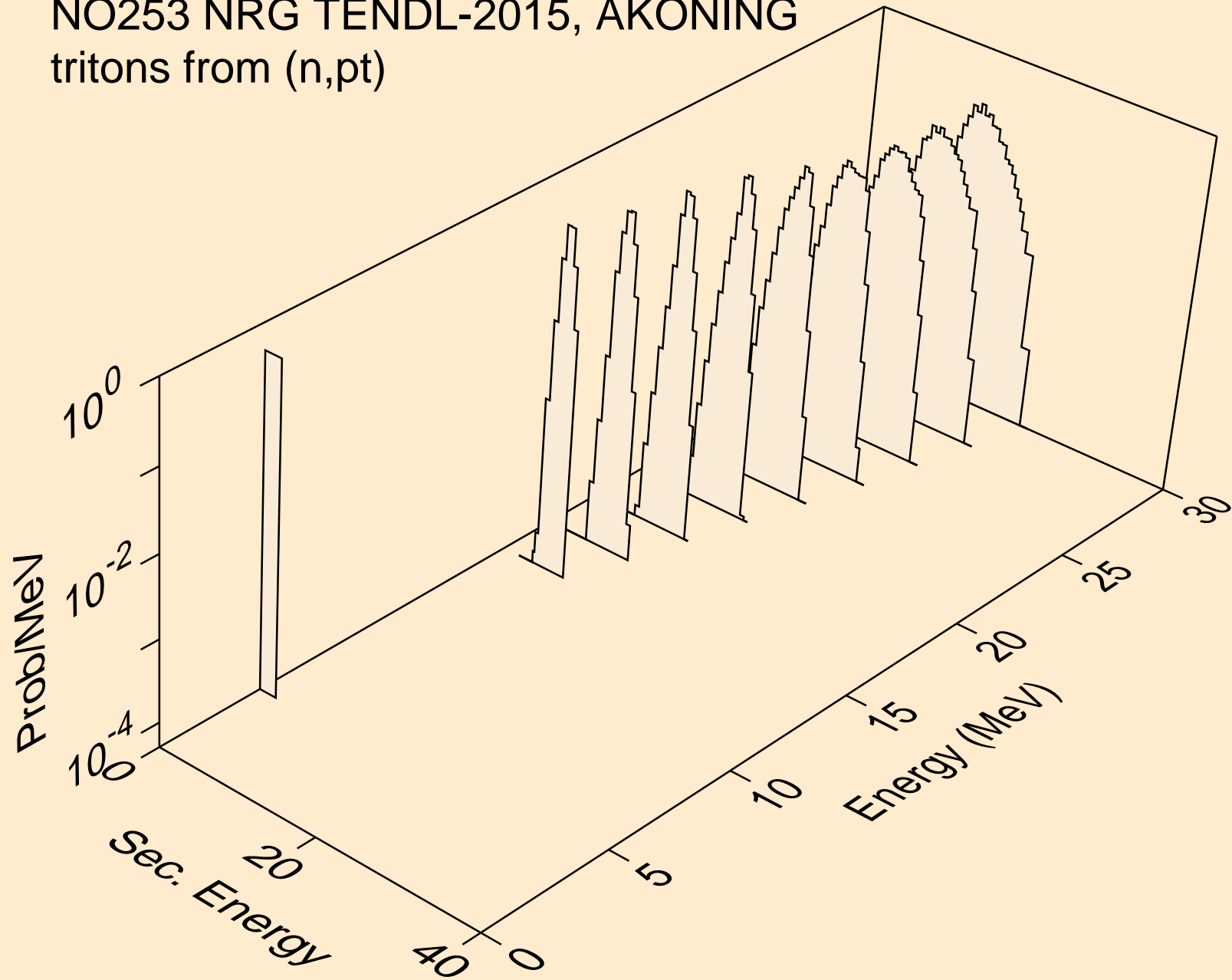
NO253 NRG TENDL-2015, AKONING  
tritons from (n,t)



NO253 NRG TENDL-2015, AKONING  
tritons from (n,t2a)

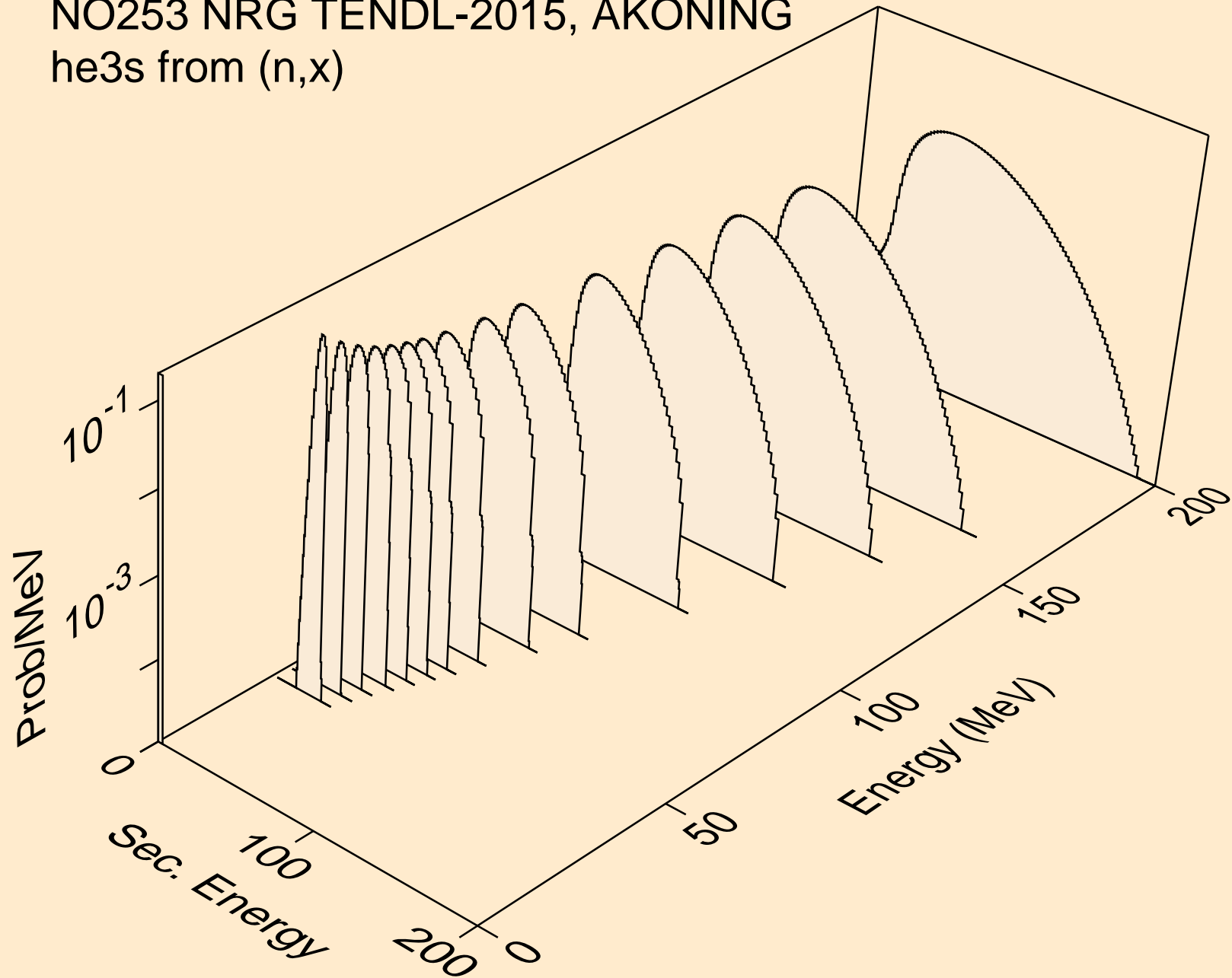


NO253 NRG TENDL-2015, AKONING  
tritons from (n,pt)

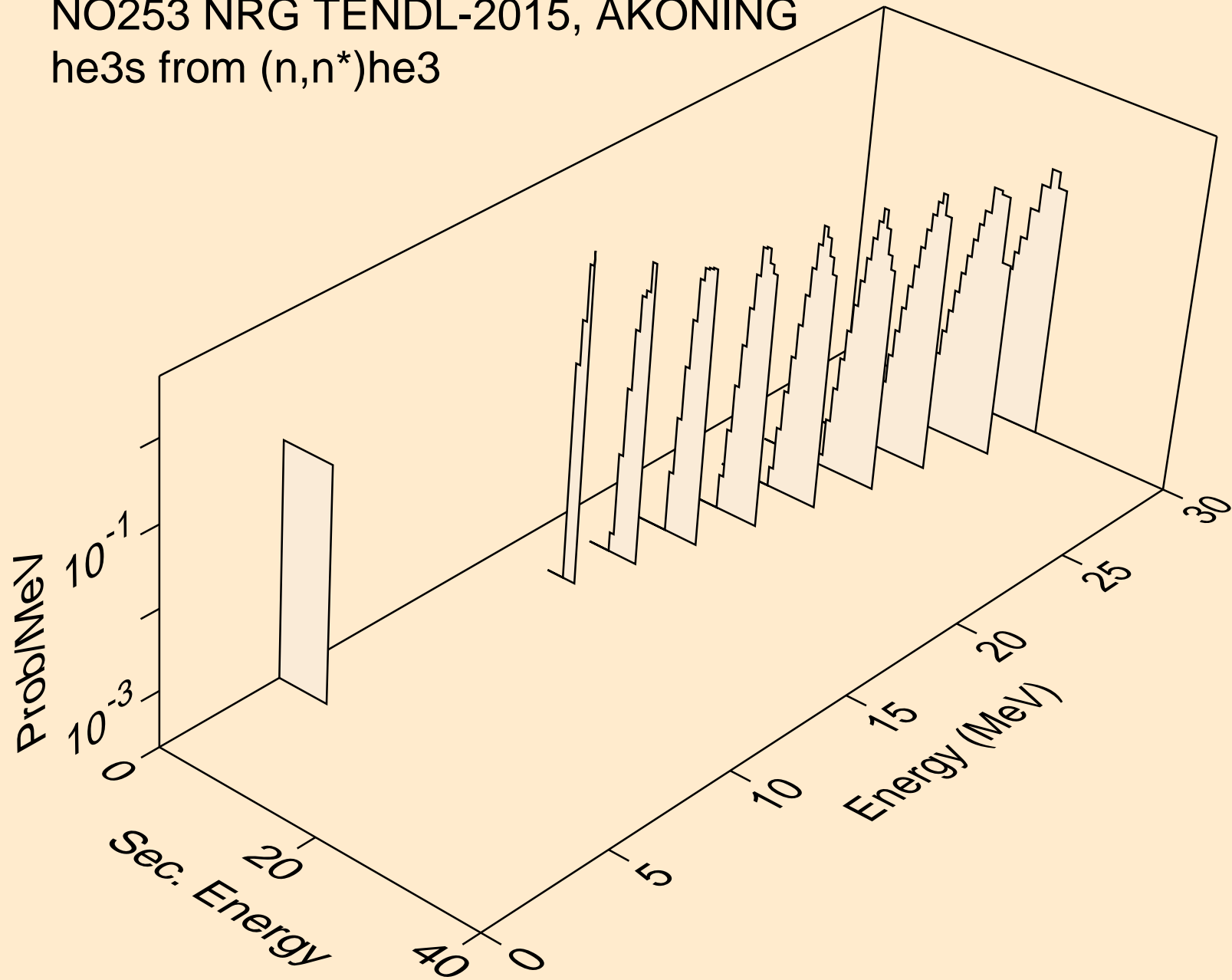




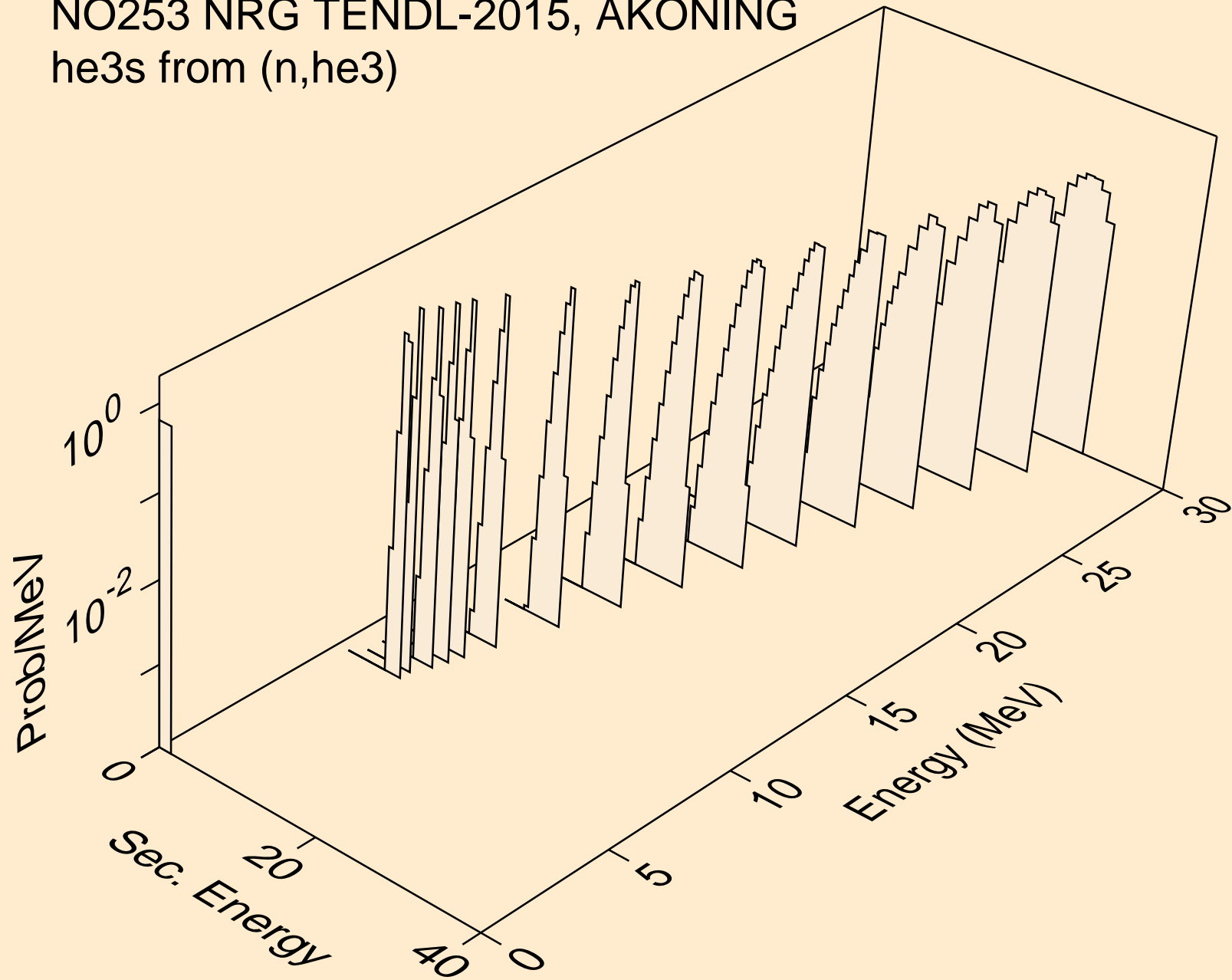
NO253 NRG TENDL-2015, AKONING  
he3s from (n,x)



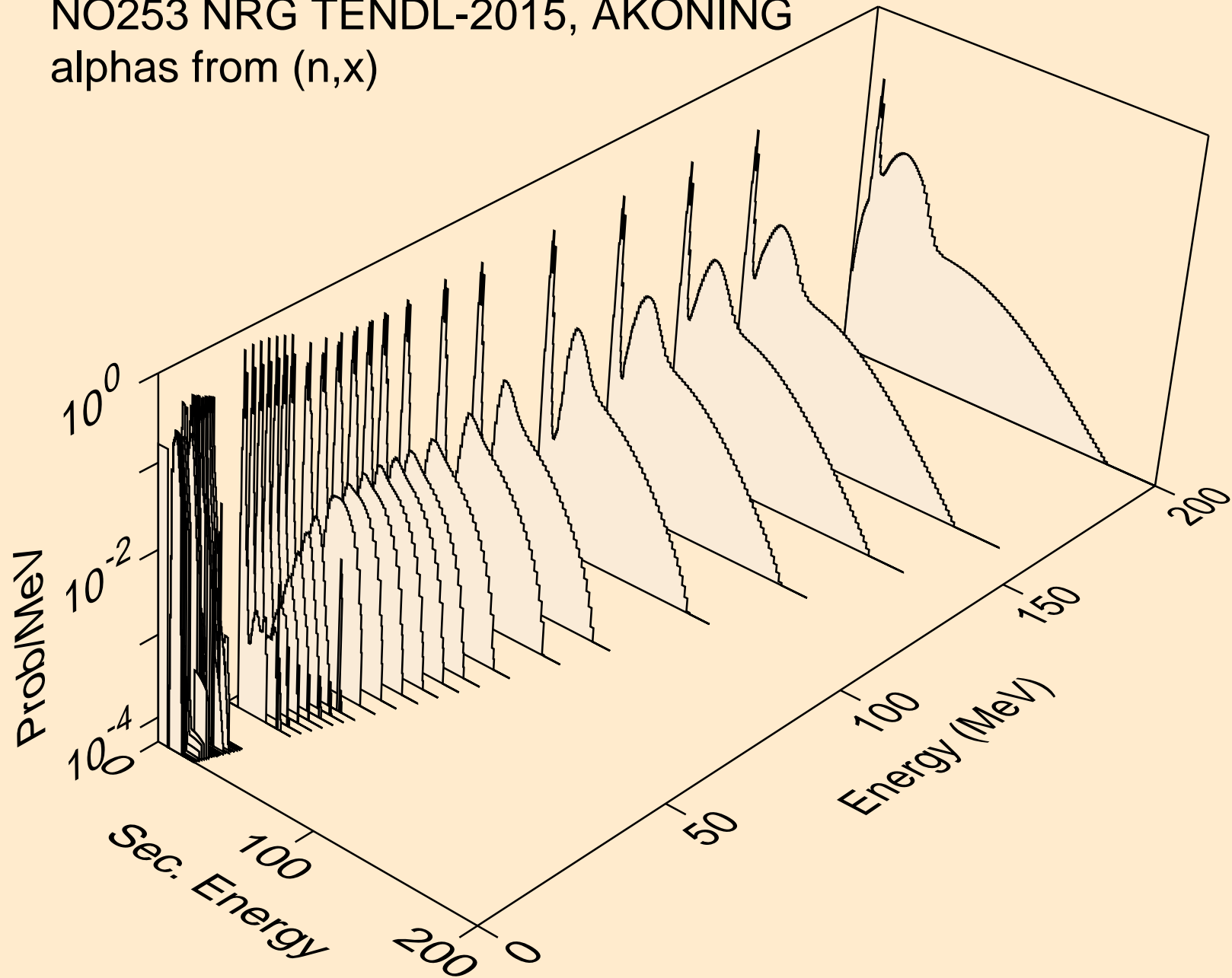
NO253 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



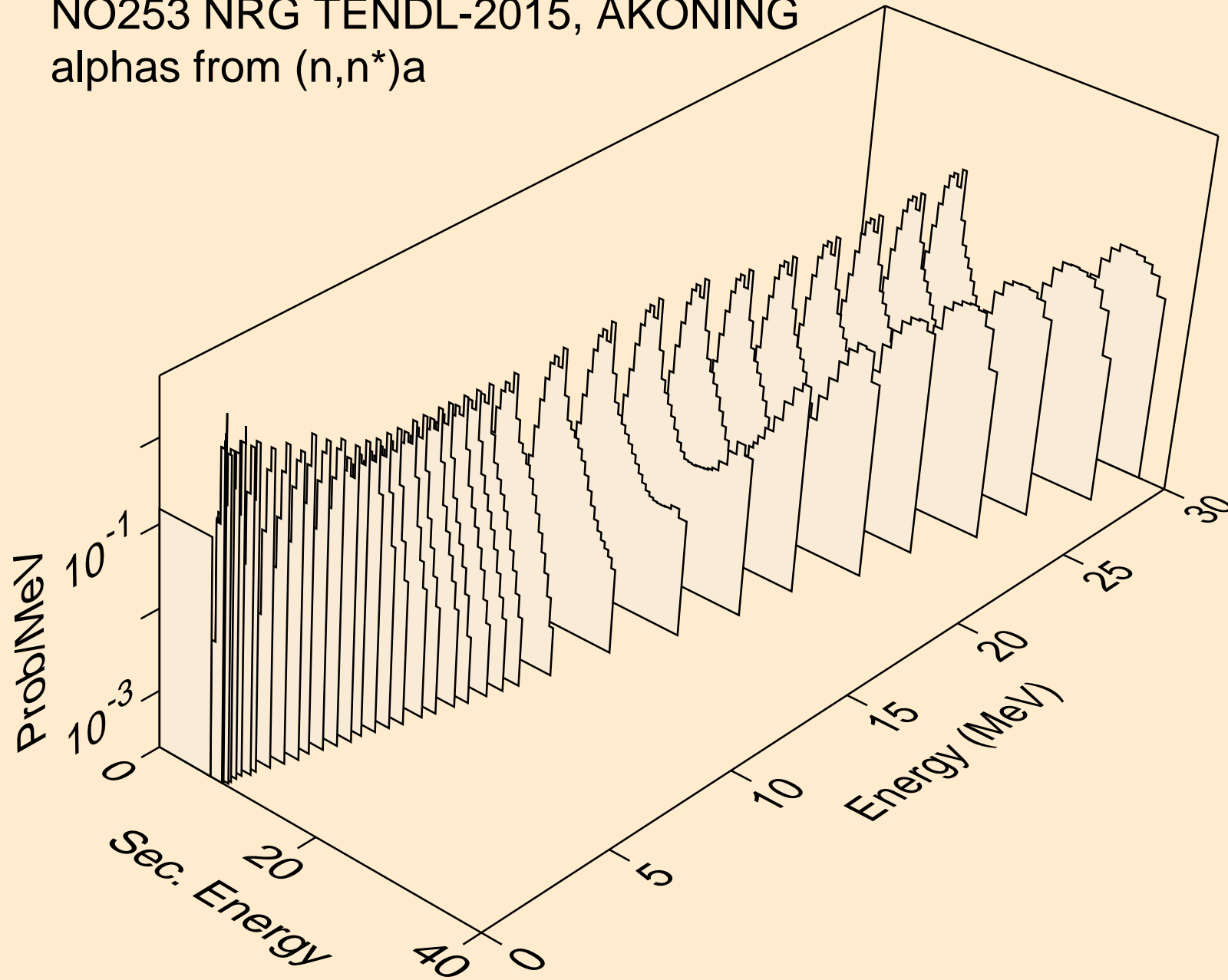
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he3s from (n,he3)



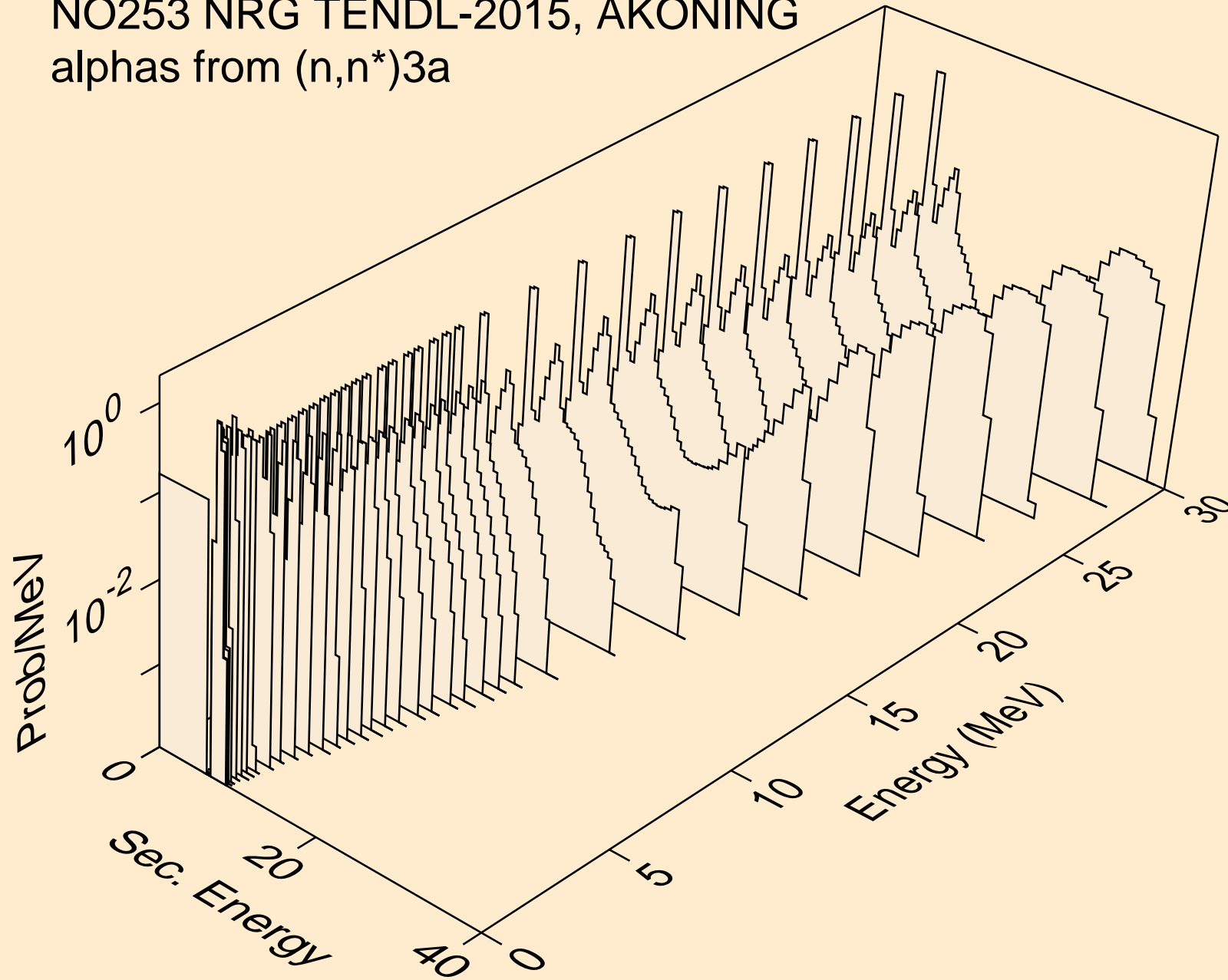
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alphas from (n,x)



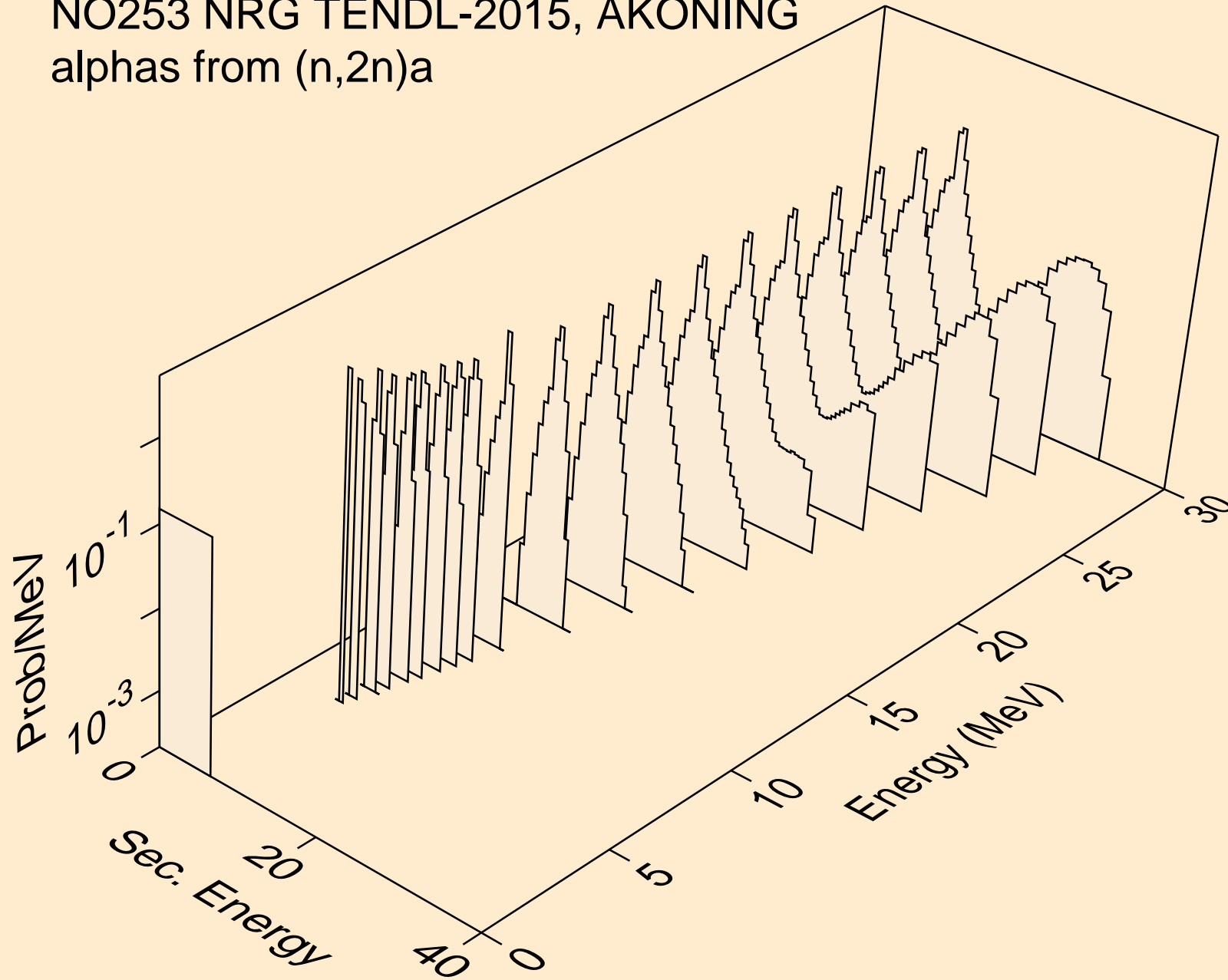
NO253 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



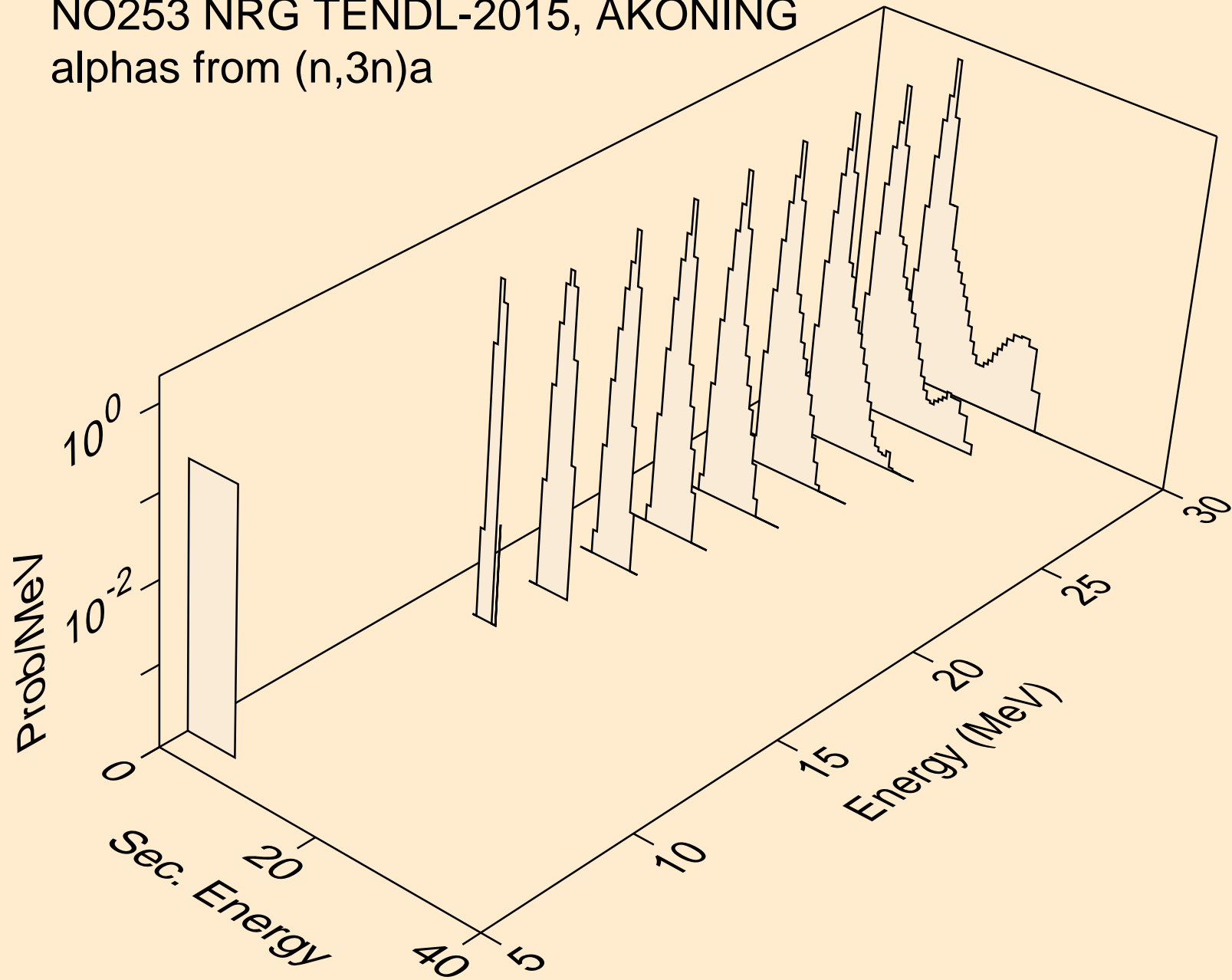
NO253 NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a



NO253 NRG TENDL-2015, AKONING  
alphas from (n,2n)a

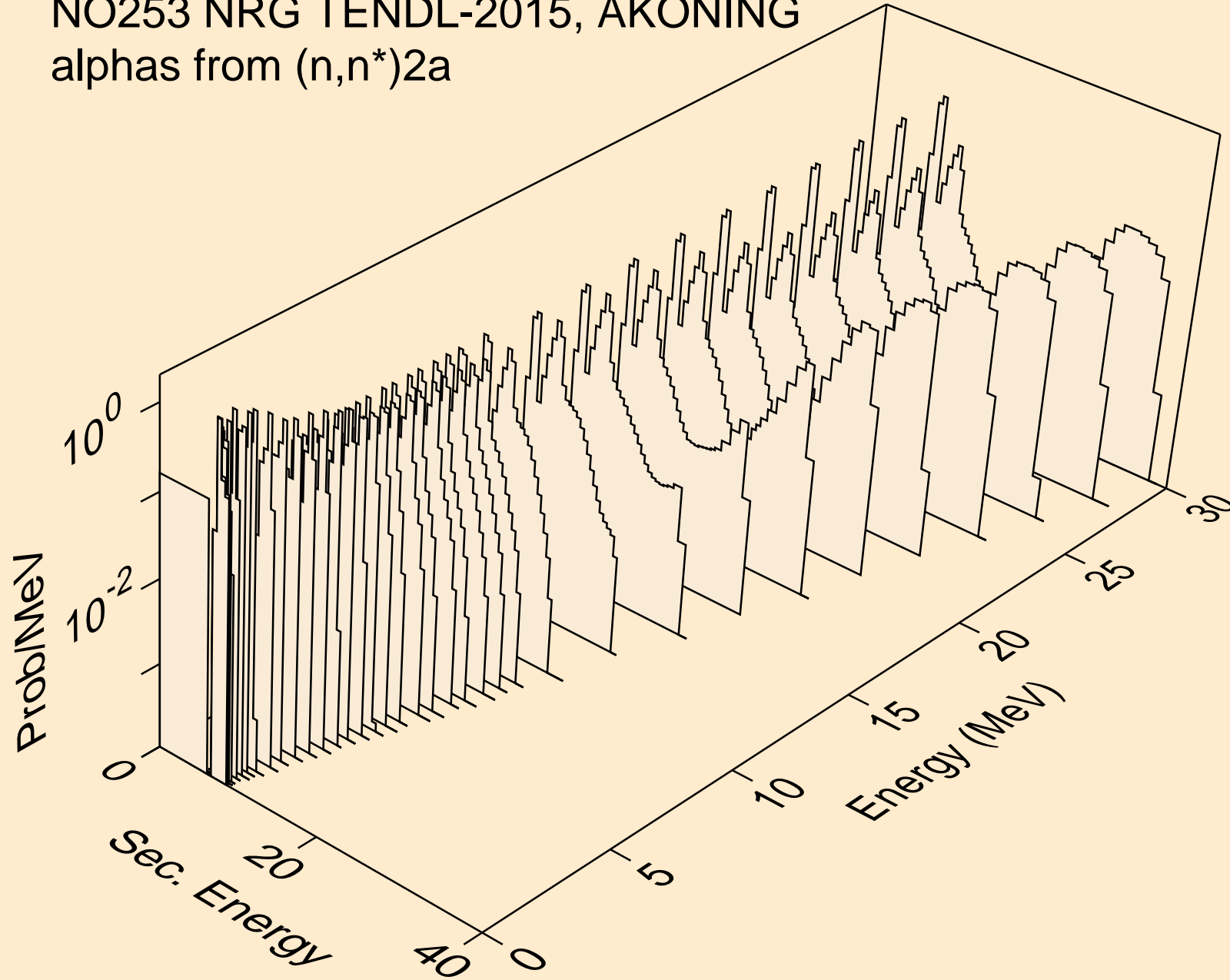


NO253 NRG TENDL-2015, AKONING  
alphas from (n,3n)a

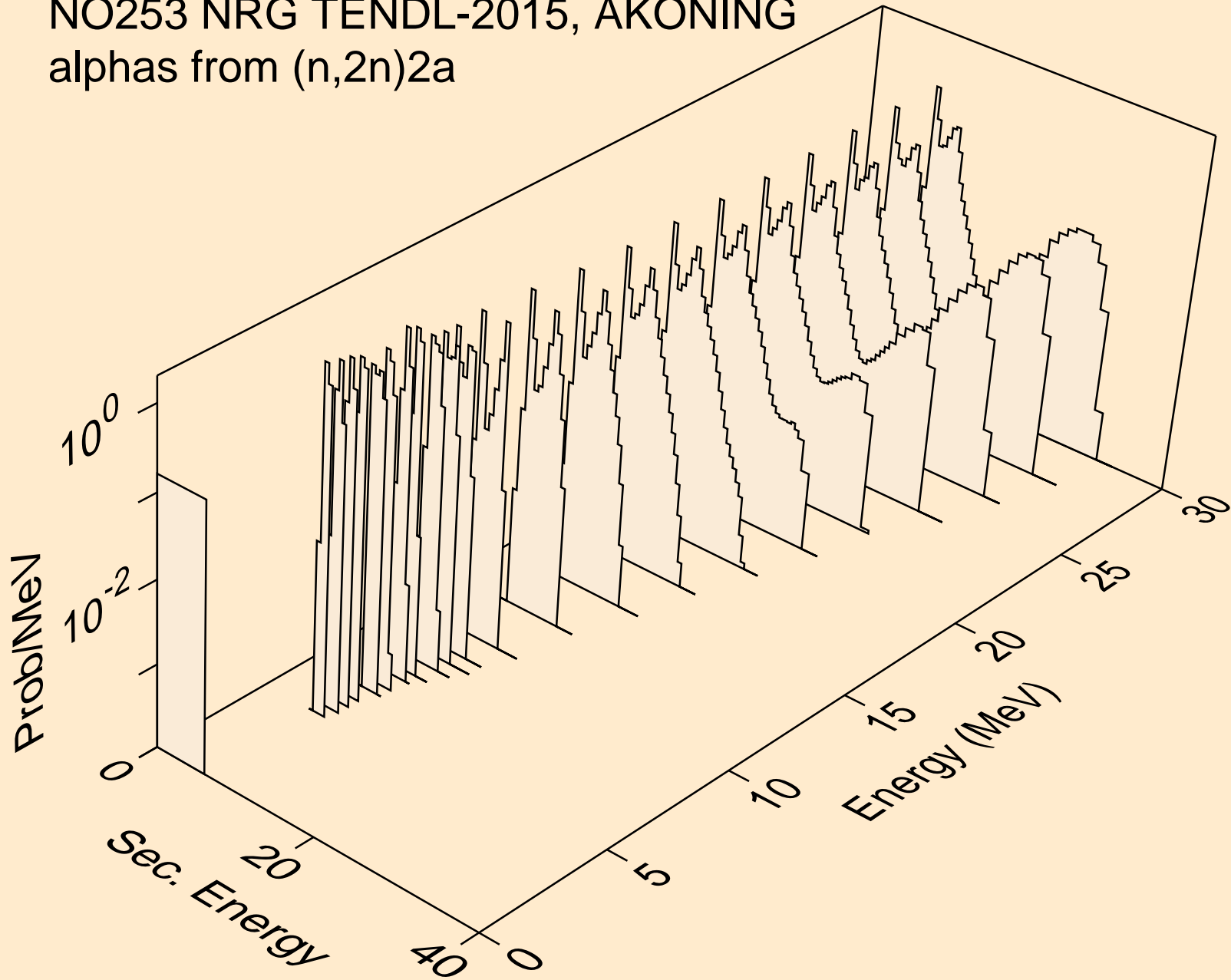




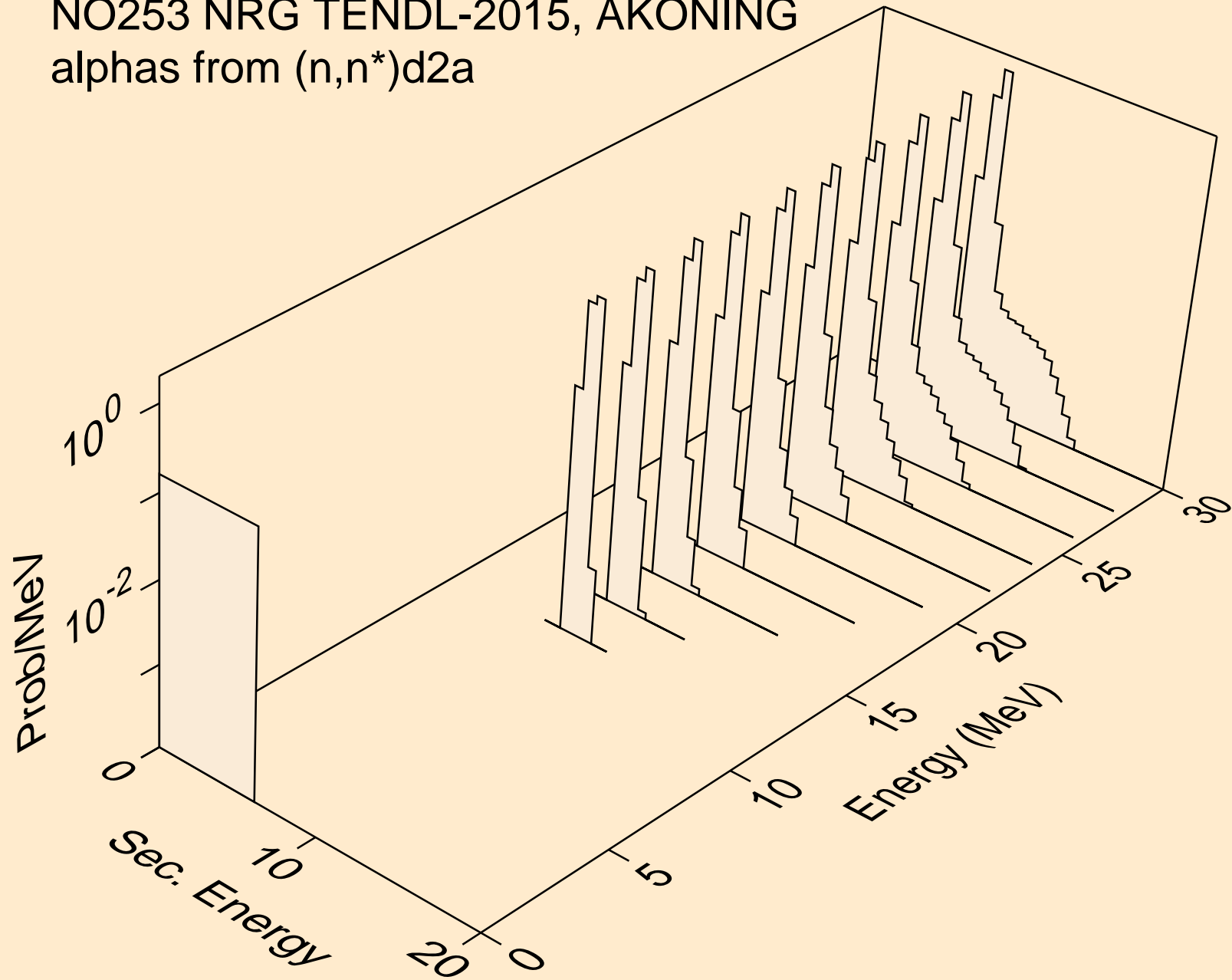
NO253 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



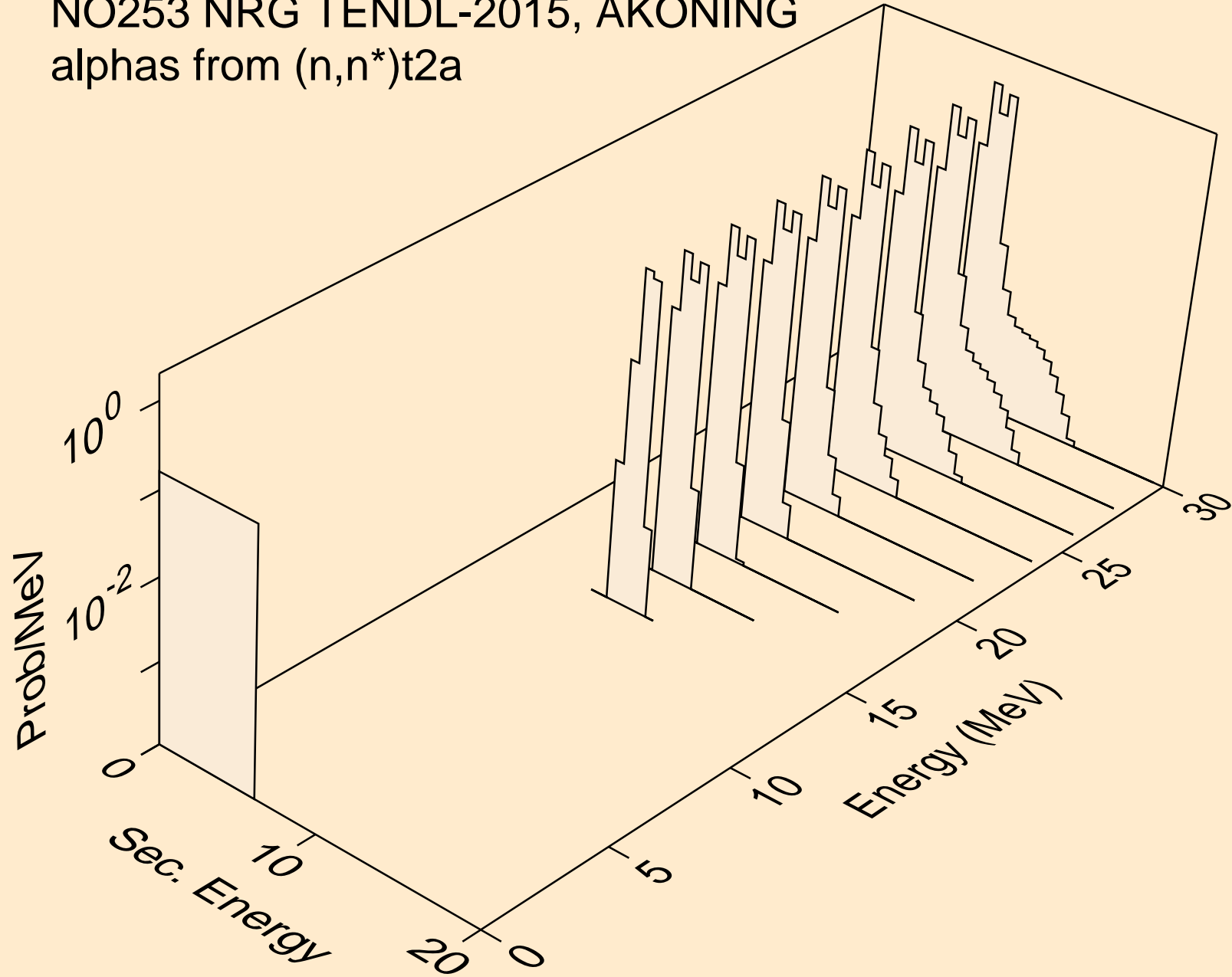
NO253 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



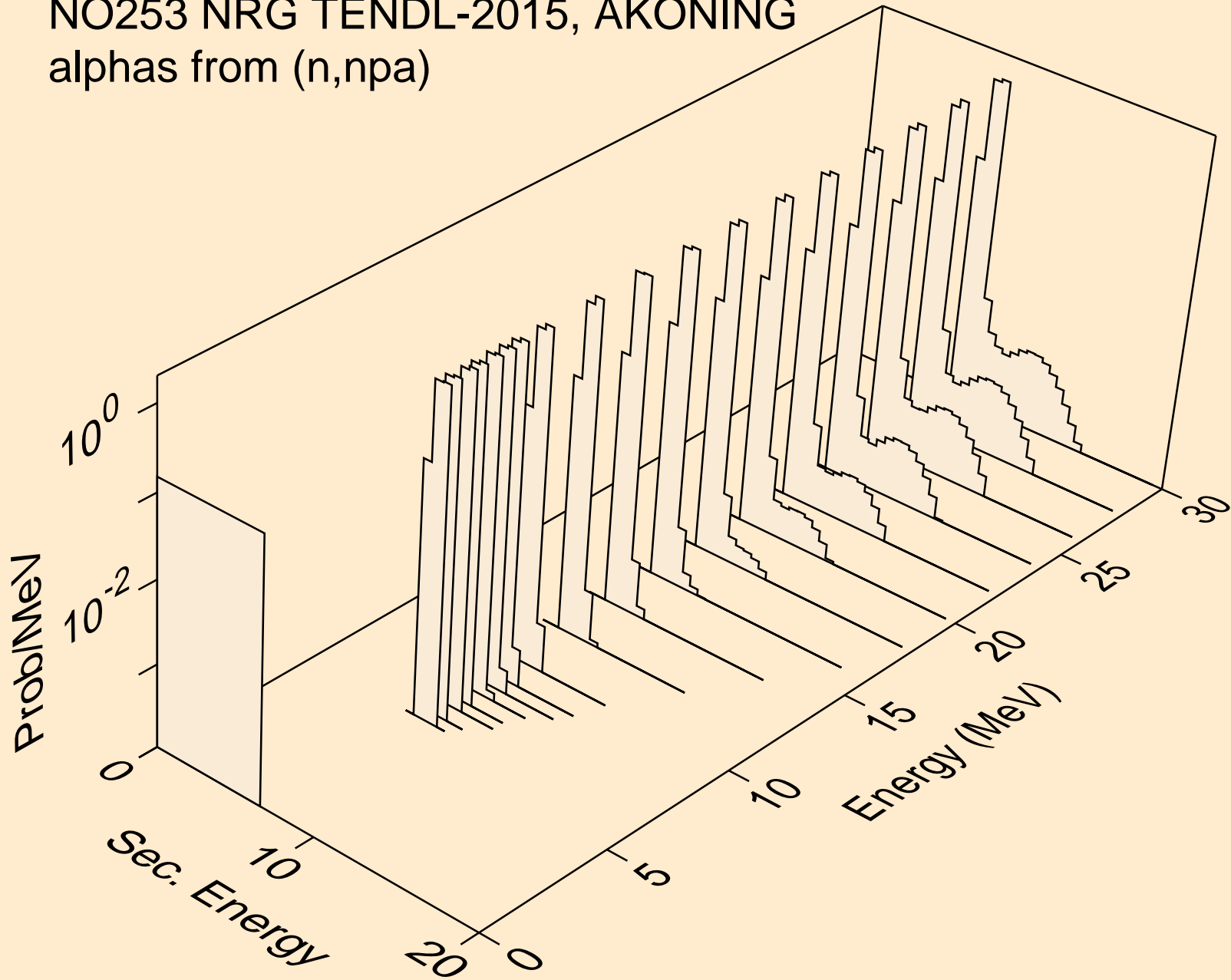
NO253 NRG TENDL-2015, AKONING  
alphas from (n,n\*)d2a



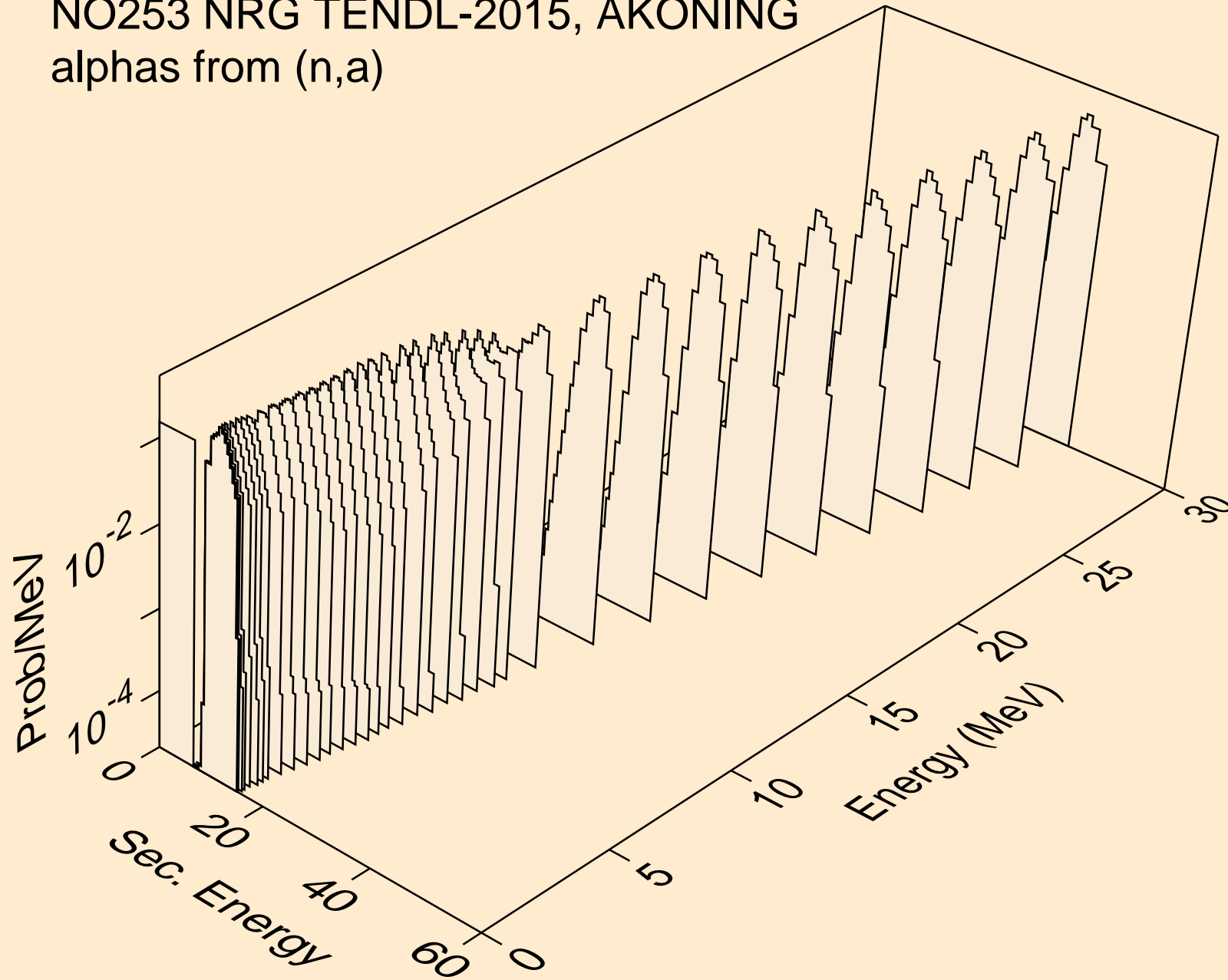
NO253 NRG TENDL-2015, AKONING  
alphas from (n,n\*)t2a



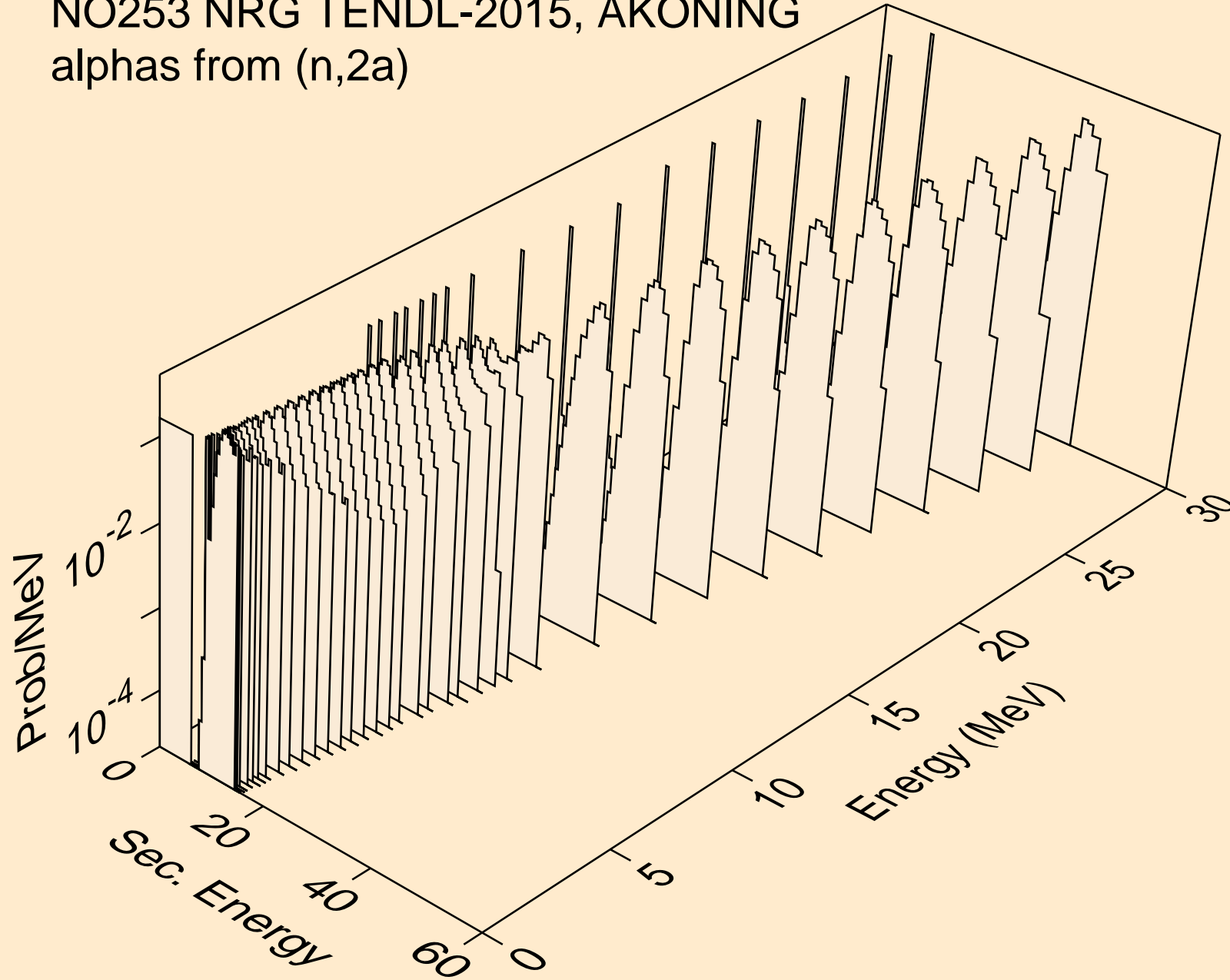
NO253 NRG TENDL-2015, AKONING  
alphas from (n,npa)



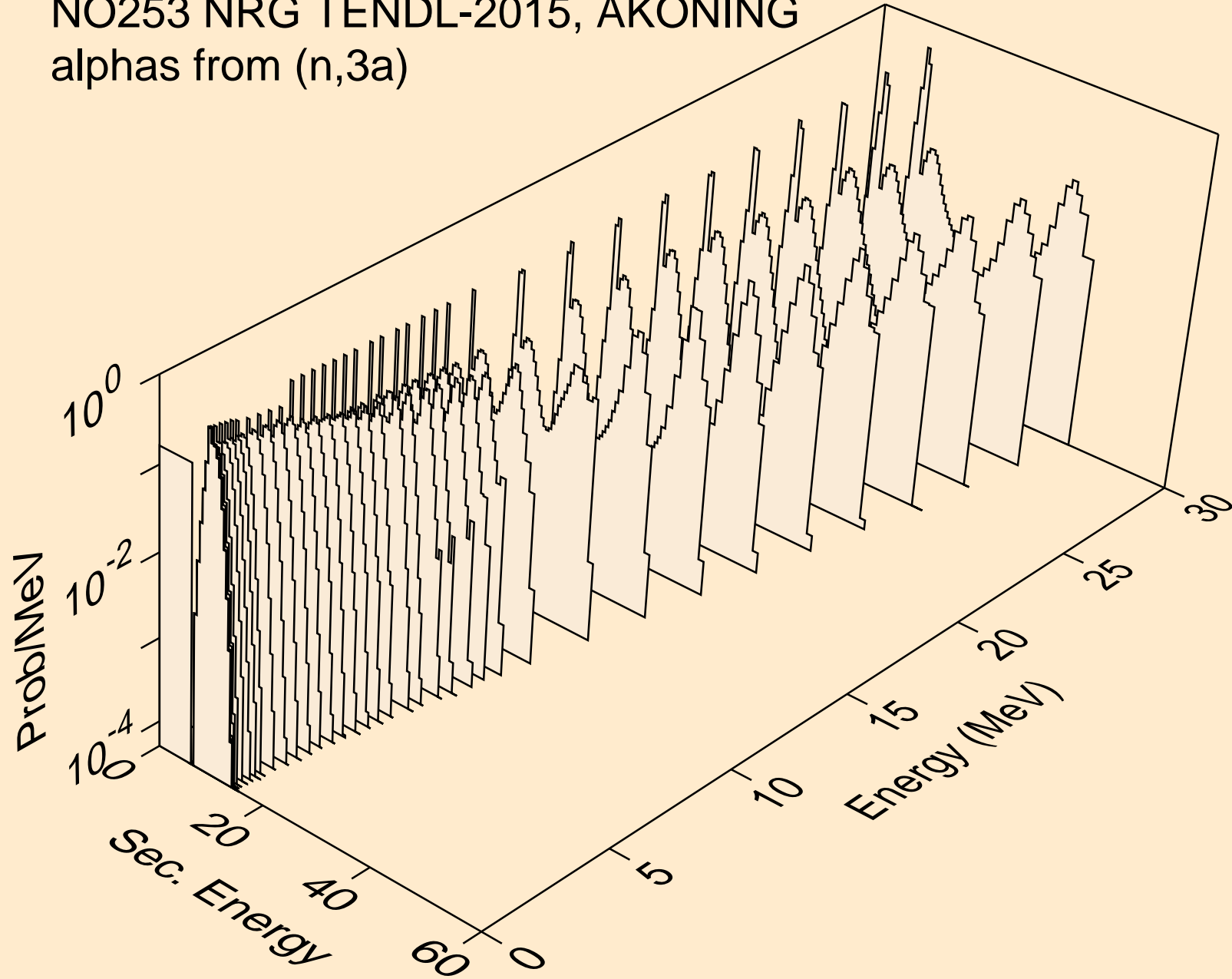
NO253 NRG TENDL-2015, AKONING  
alphas from (n,a)



NO253 NRG TENDL-2015, AKONING  
alphas from (n,2a)

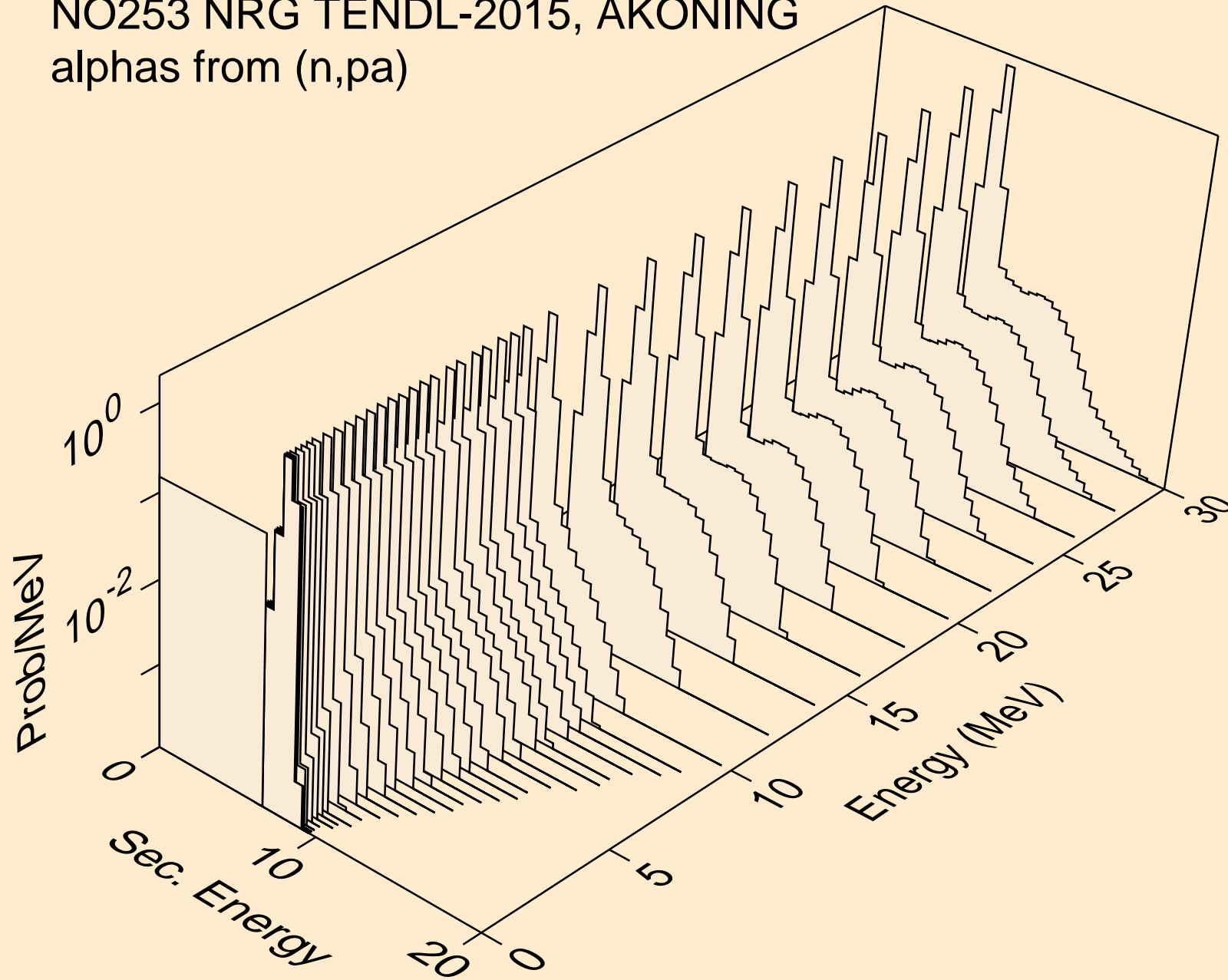


NO253 NRG TENDL-2015, AKONING  
alphas from (n,3a)

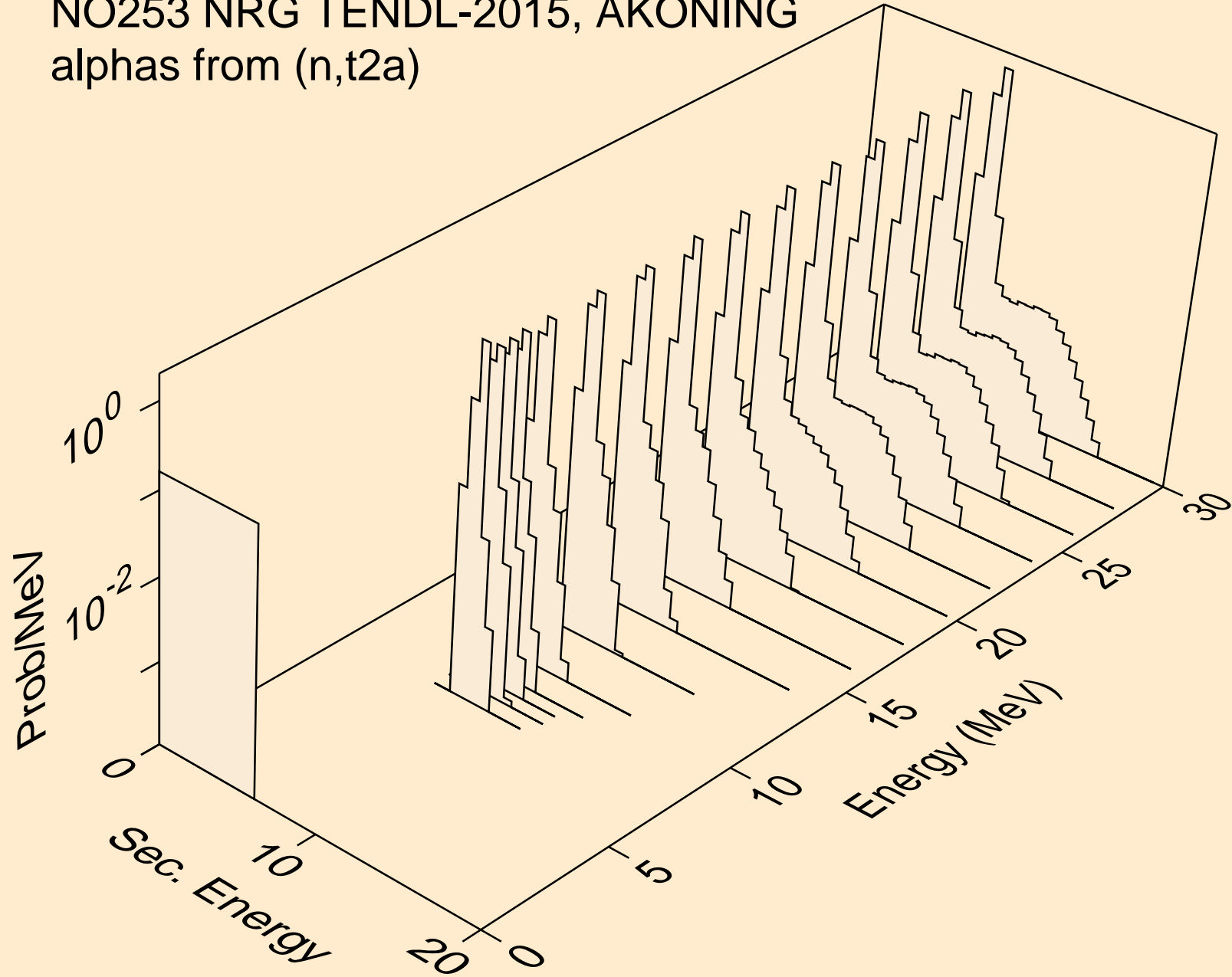




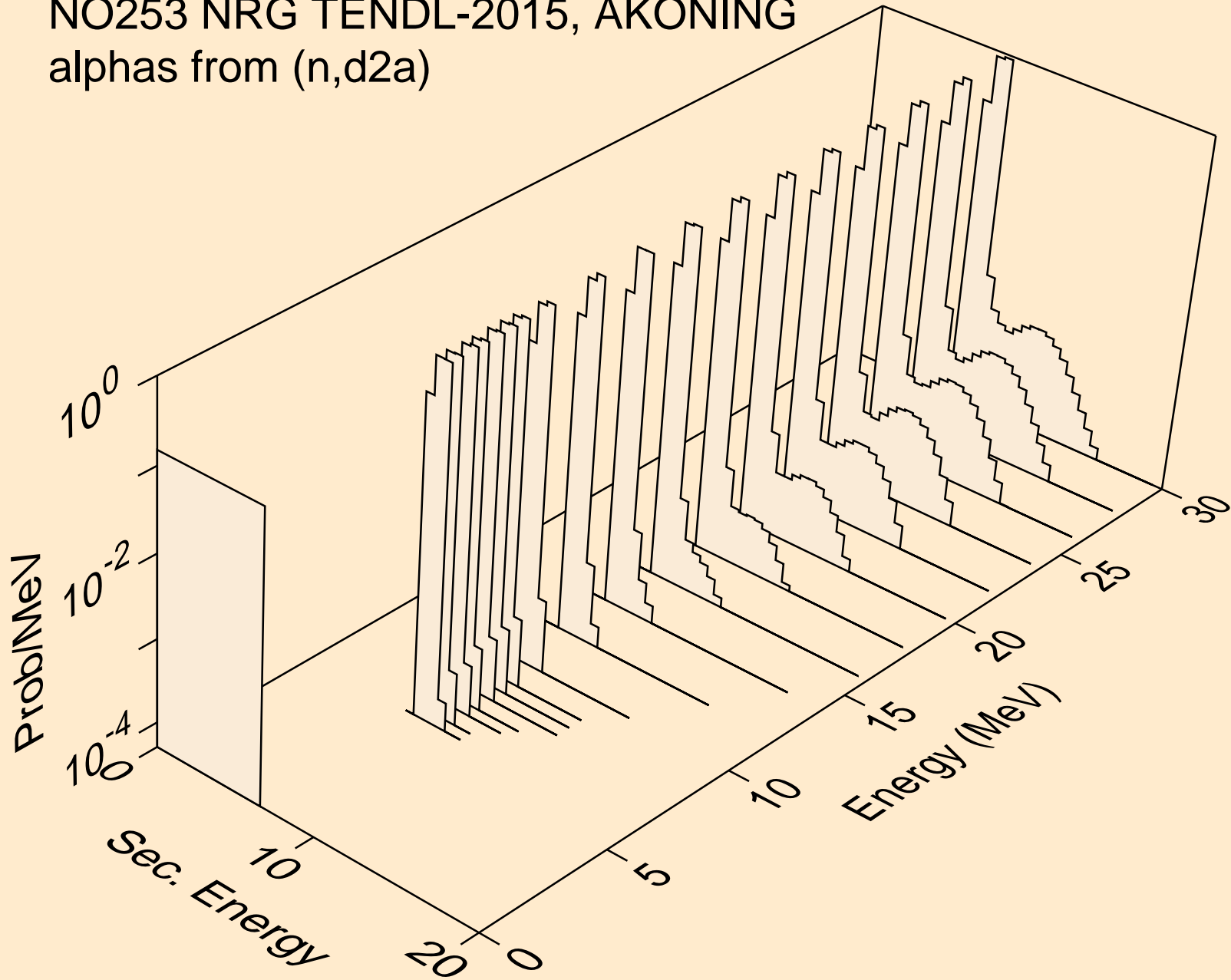
NO253 NRG TENDL-2015, AKONING  
alphas from (n,pa)



NO253 NRG TENDL-2015, AKONING  
alphas from (n,t2a)



NO253 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



NO253 NRG TENDL-2015, AKONING  
alphas from (n,da)

