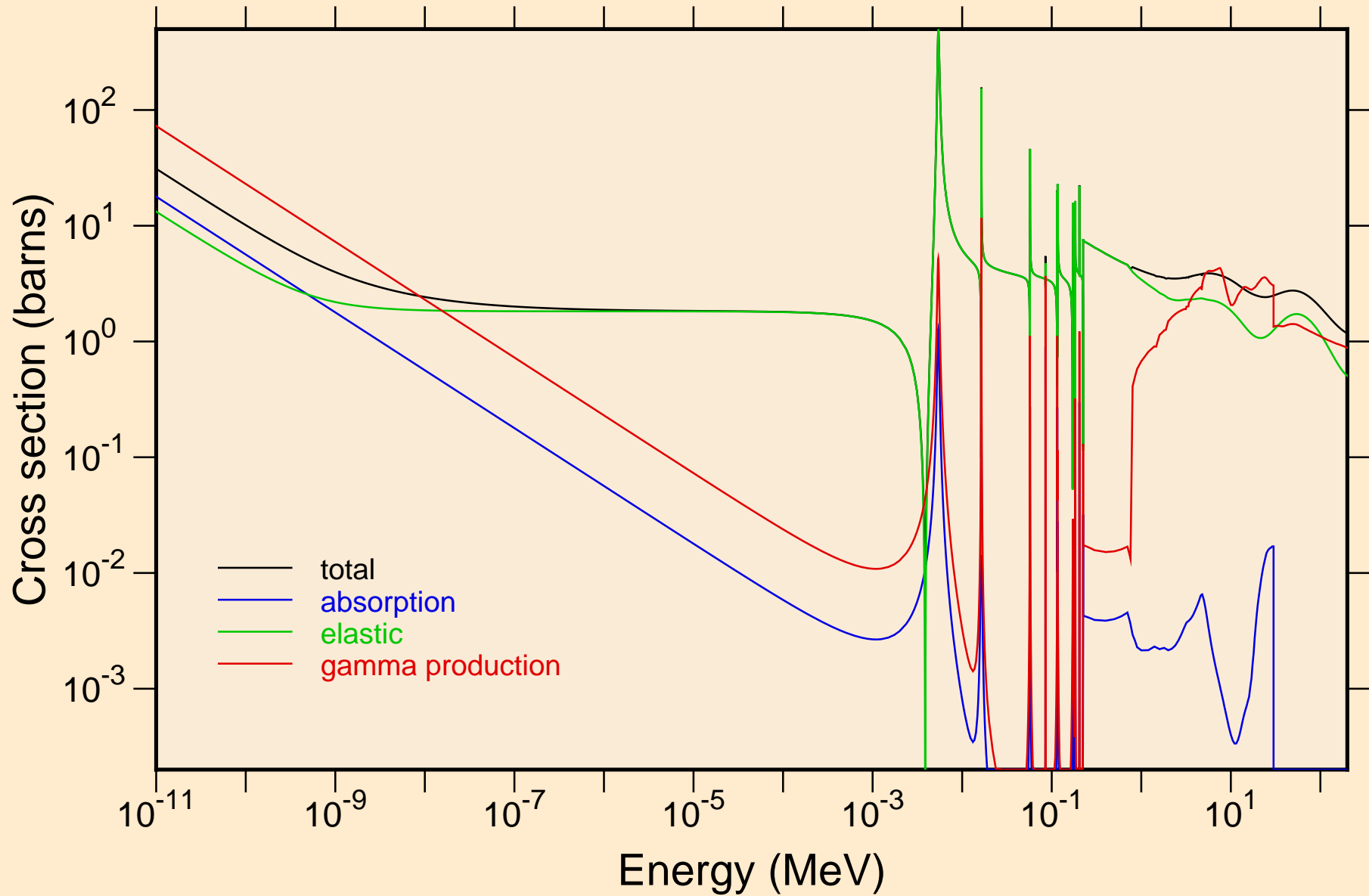
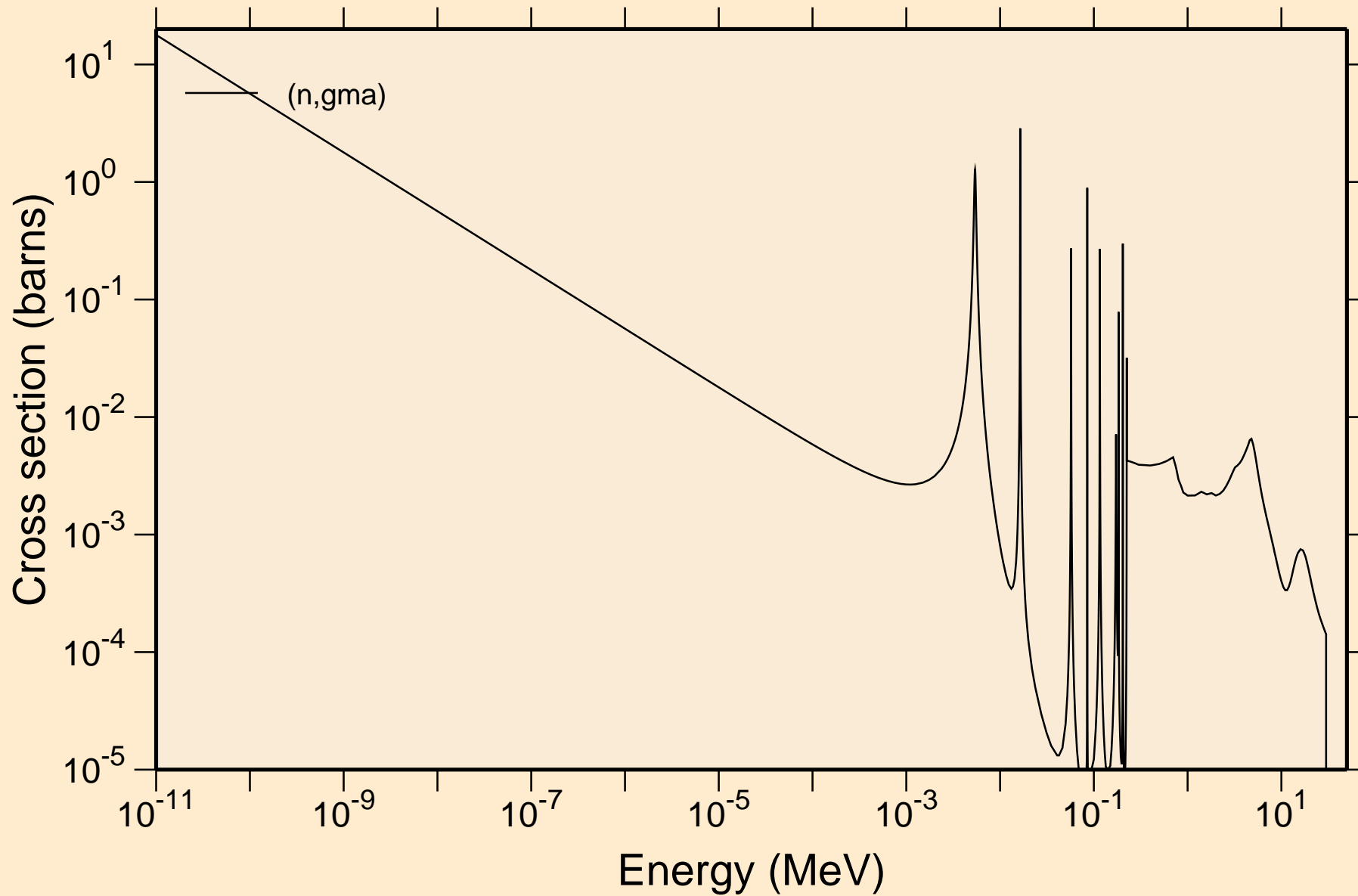


# FE064 NRG TENDL-2015, AKONING

## Principal cross sections

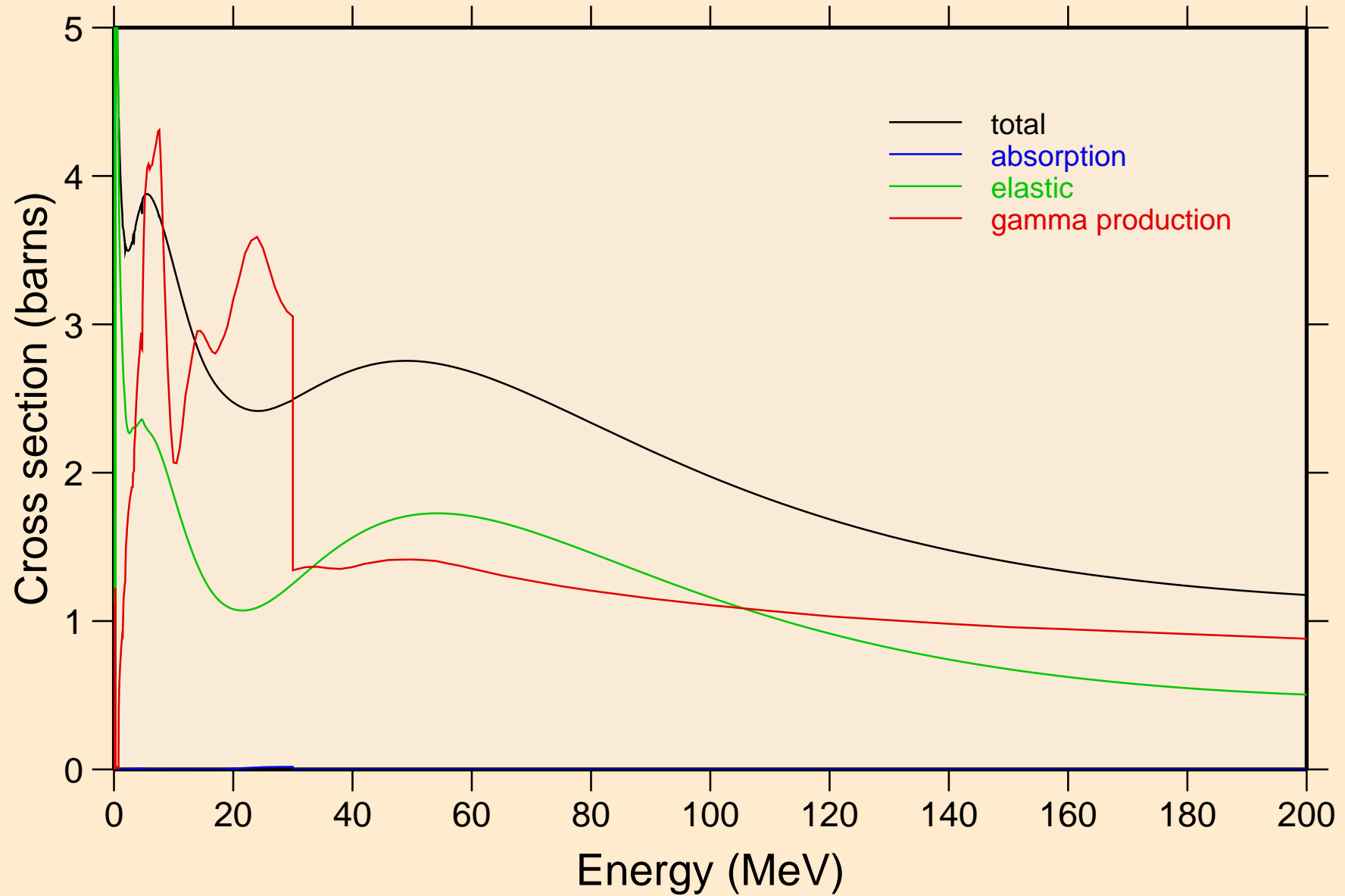


FE064 NRG TENDL-2015, AKONING  
Non-threshold reactions

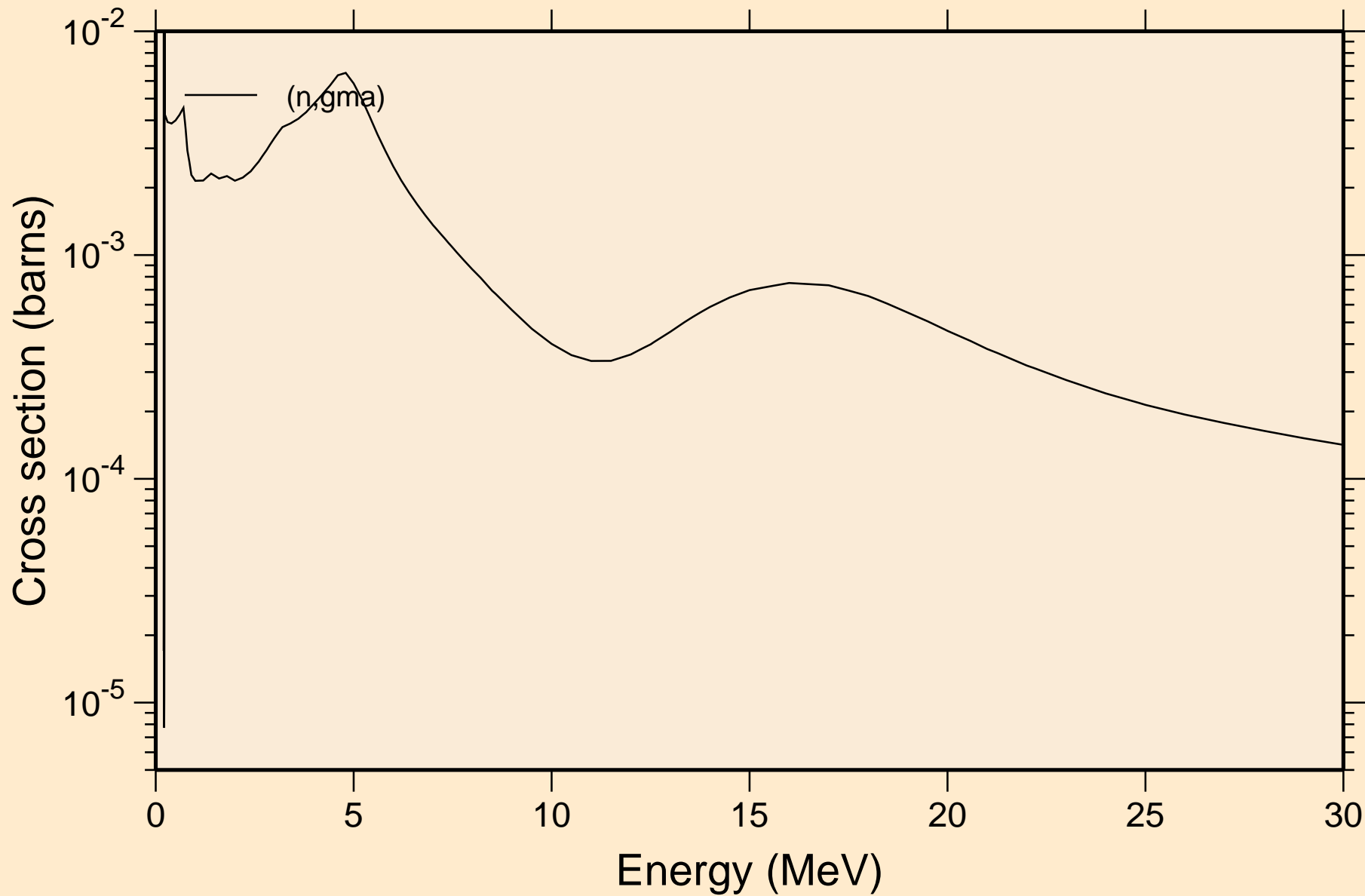


# FE064 NRG TENDL-2015, AKONING

## Principal cross sections

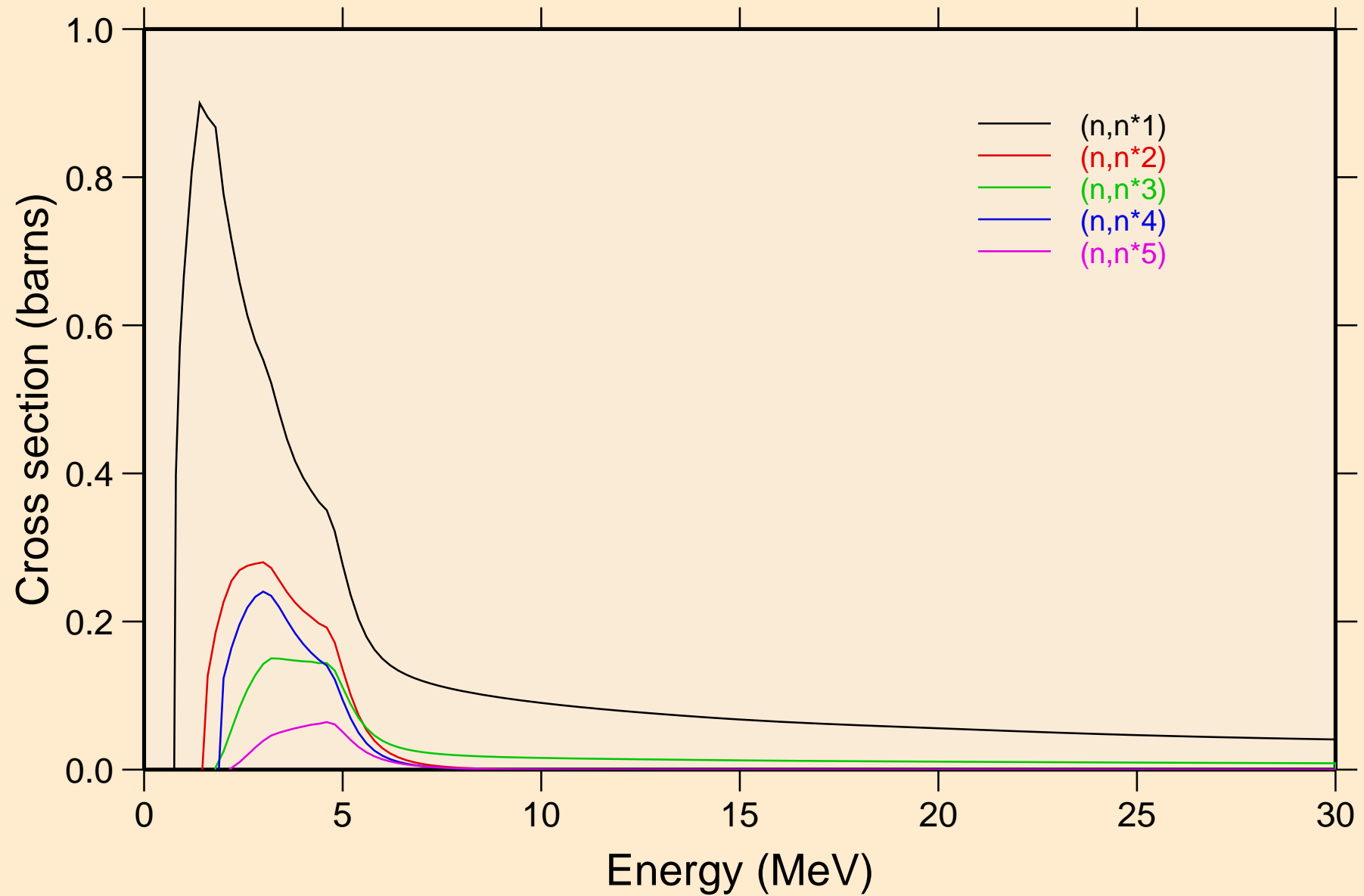


FE064 NRG TENDL-2015, AKONING  
Non-threshold reactions



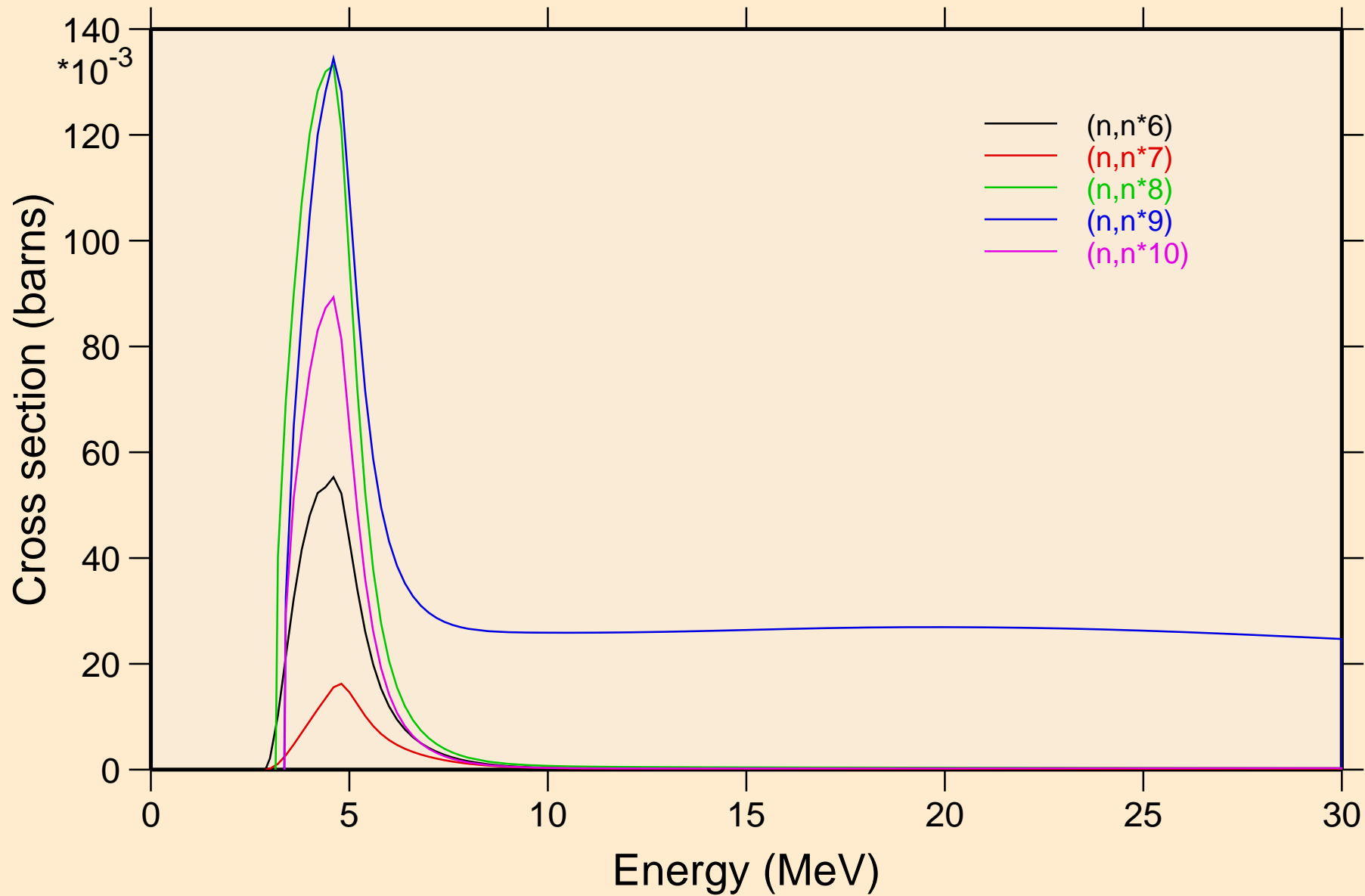
# FE064 NRG TENDL-2015, AKONING

## Inelastic levels



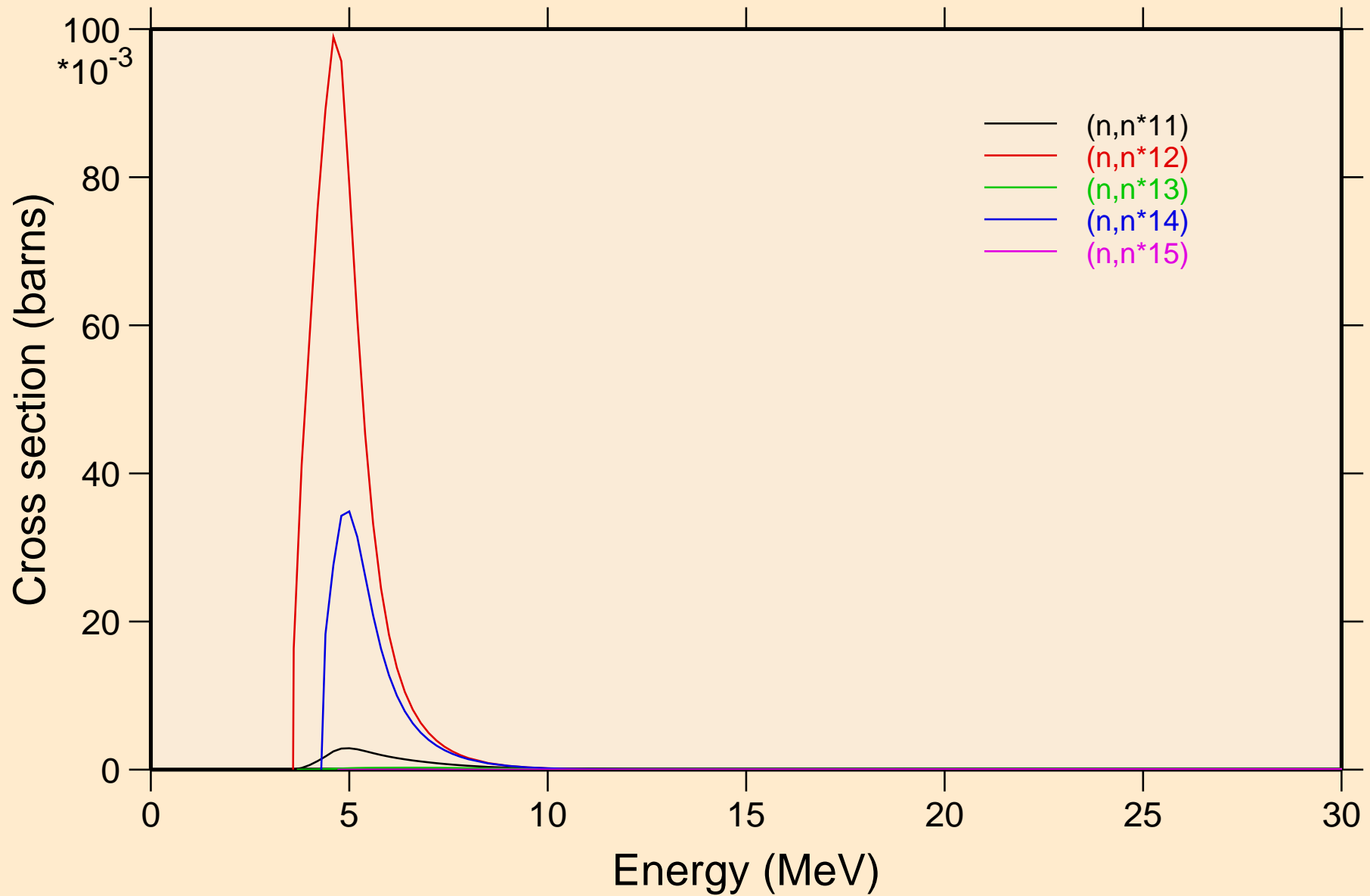
# FE064 NRG TENDL-2015, AKONING

## Inelastic levels



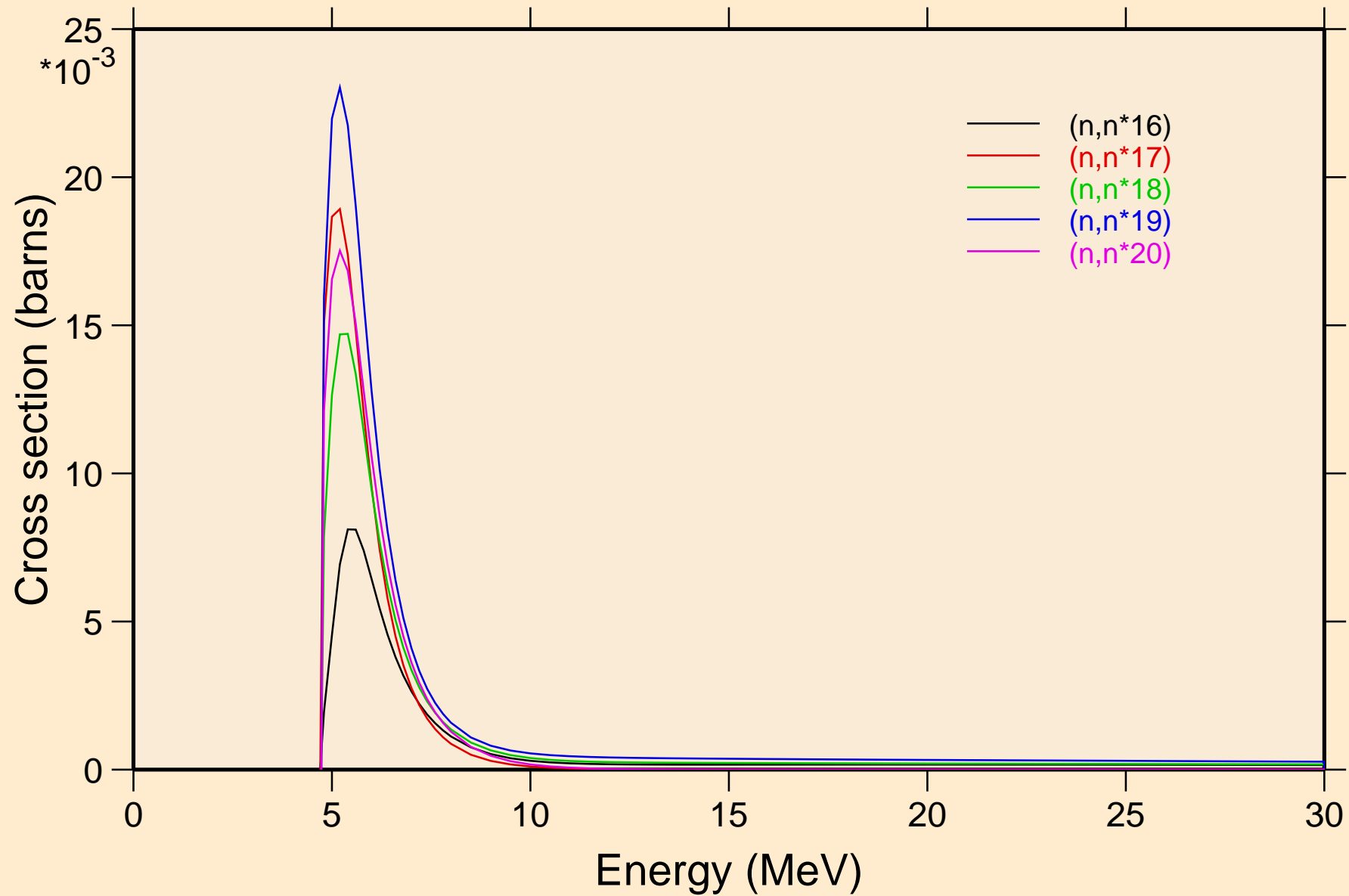
# FE064 NRG TENDL-2015, AKONING

## Inelastic levels



# FE064 NRG TENDL-2015, AKONING

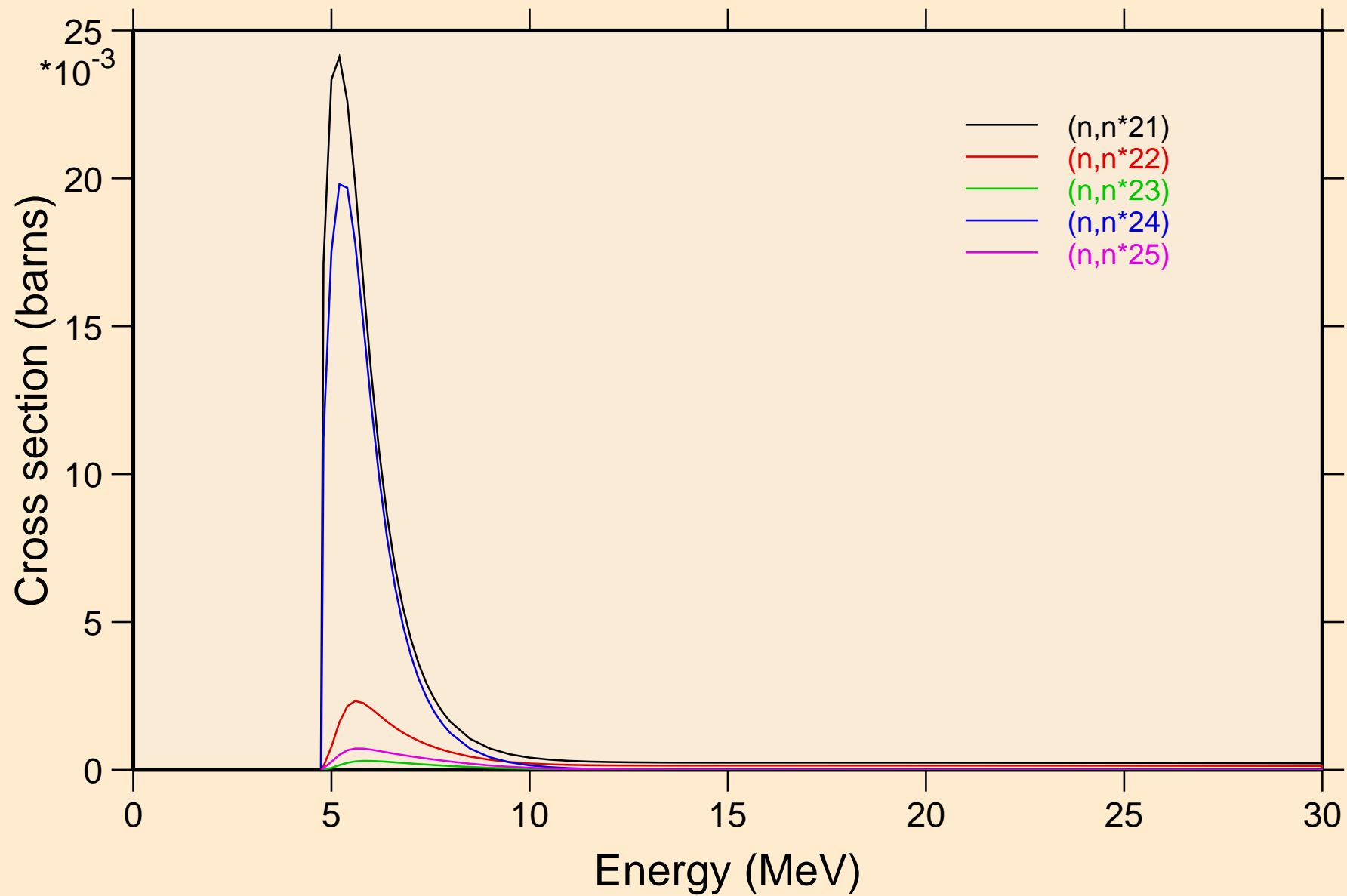
## Inelastic levels





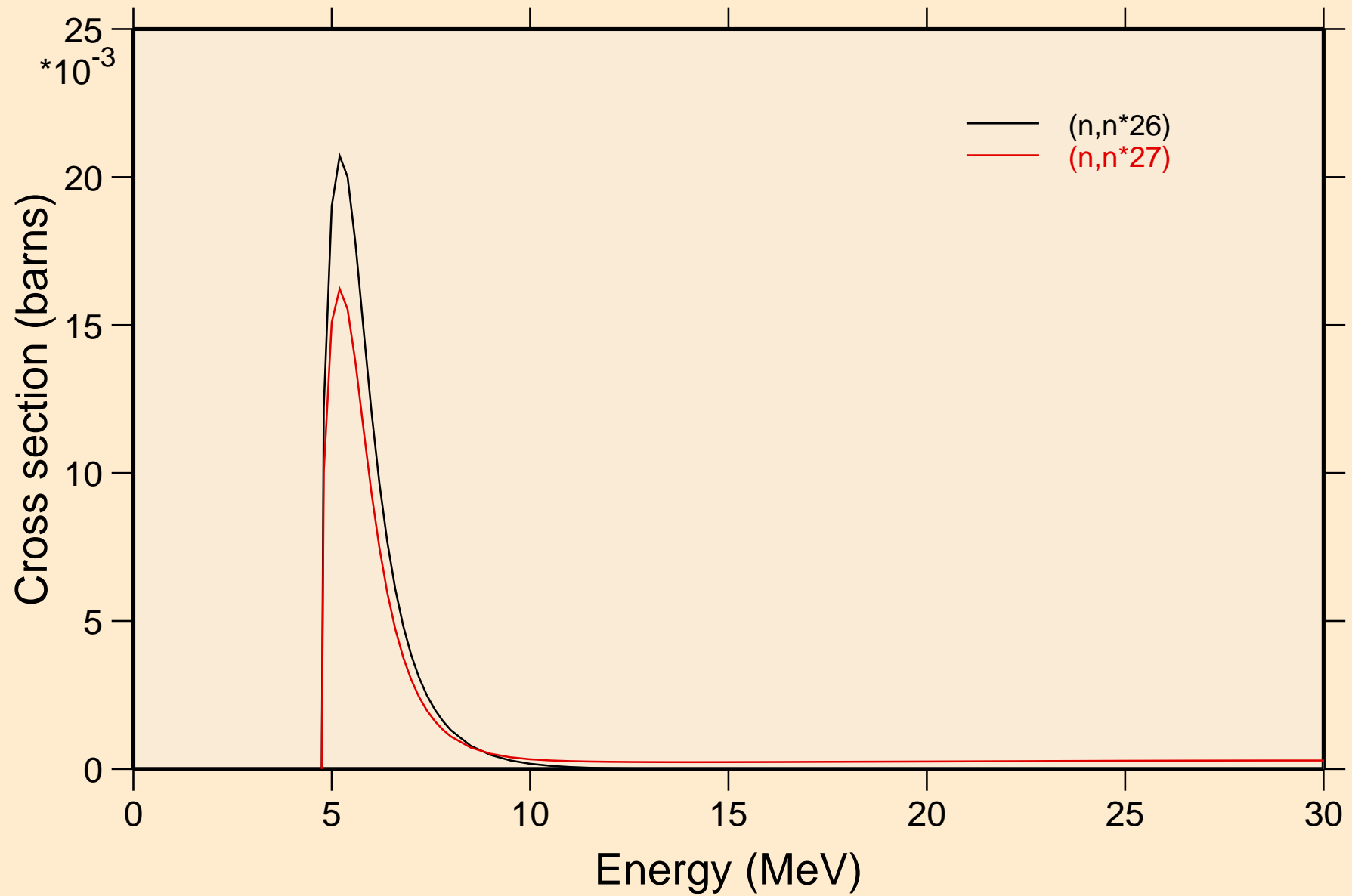
# FE064 NRG TENDL-2015, AKONING

## Inelastic levels



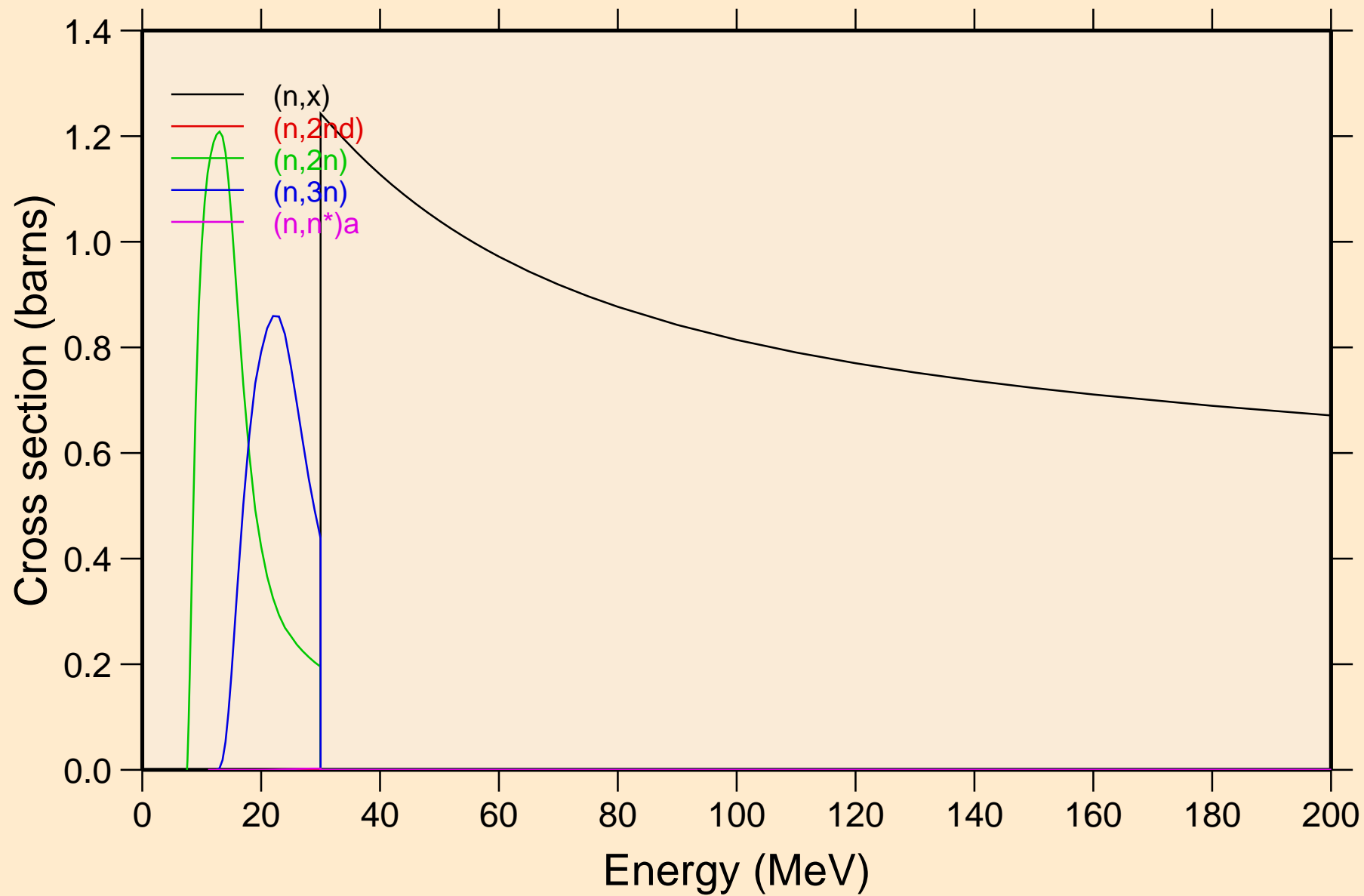
# FE064 NRG TENDL-2015, AKONING

## Inelastic levels



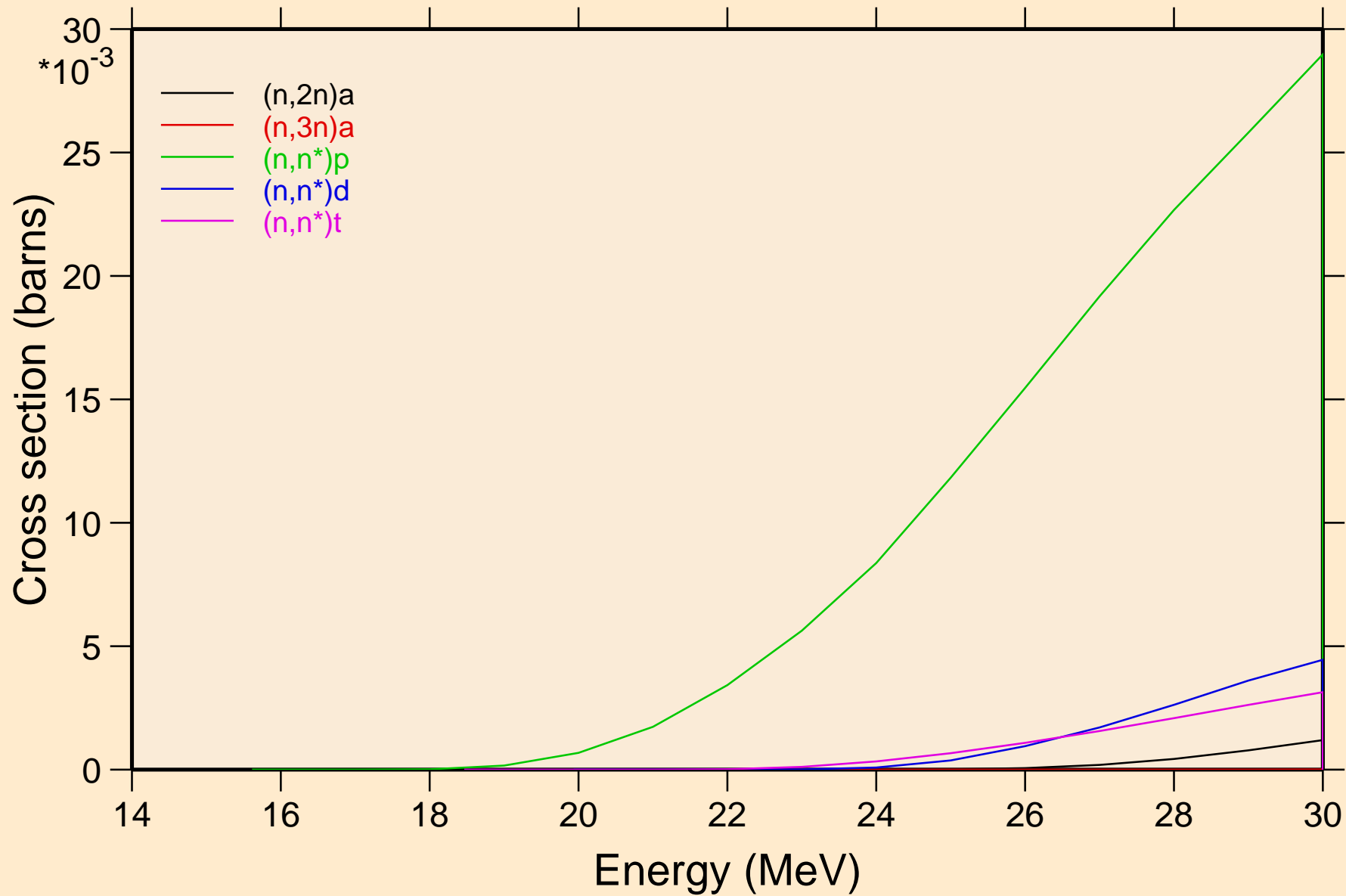
# FE064 NRG TENDL-2015, AKONING

## Threshold reactions



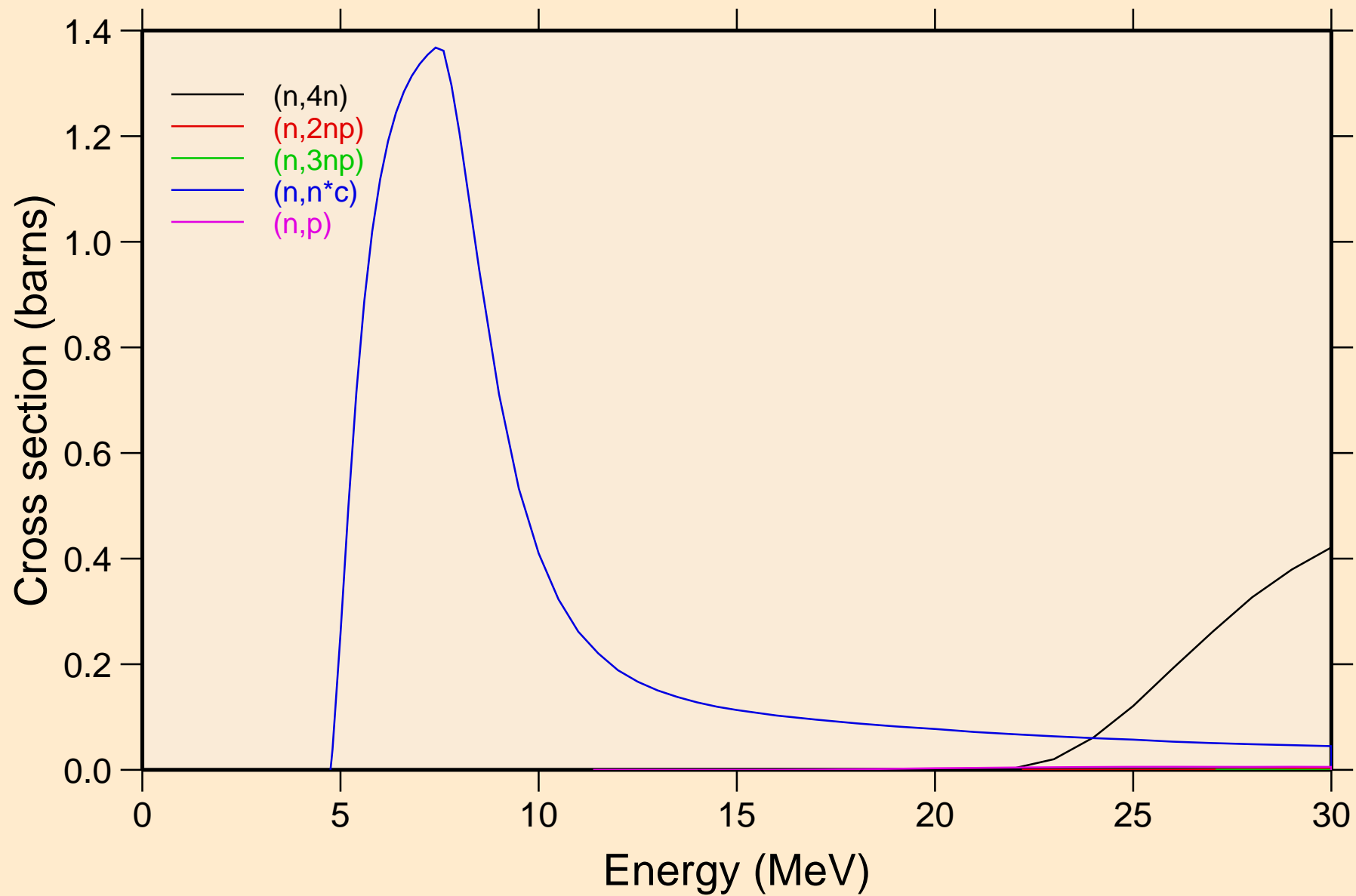
# FE064 NRG TENDL-2015, AKONING

## Threshold reactions



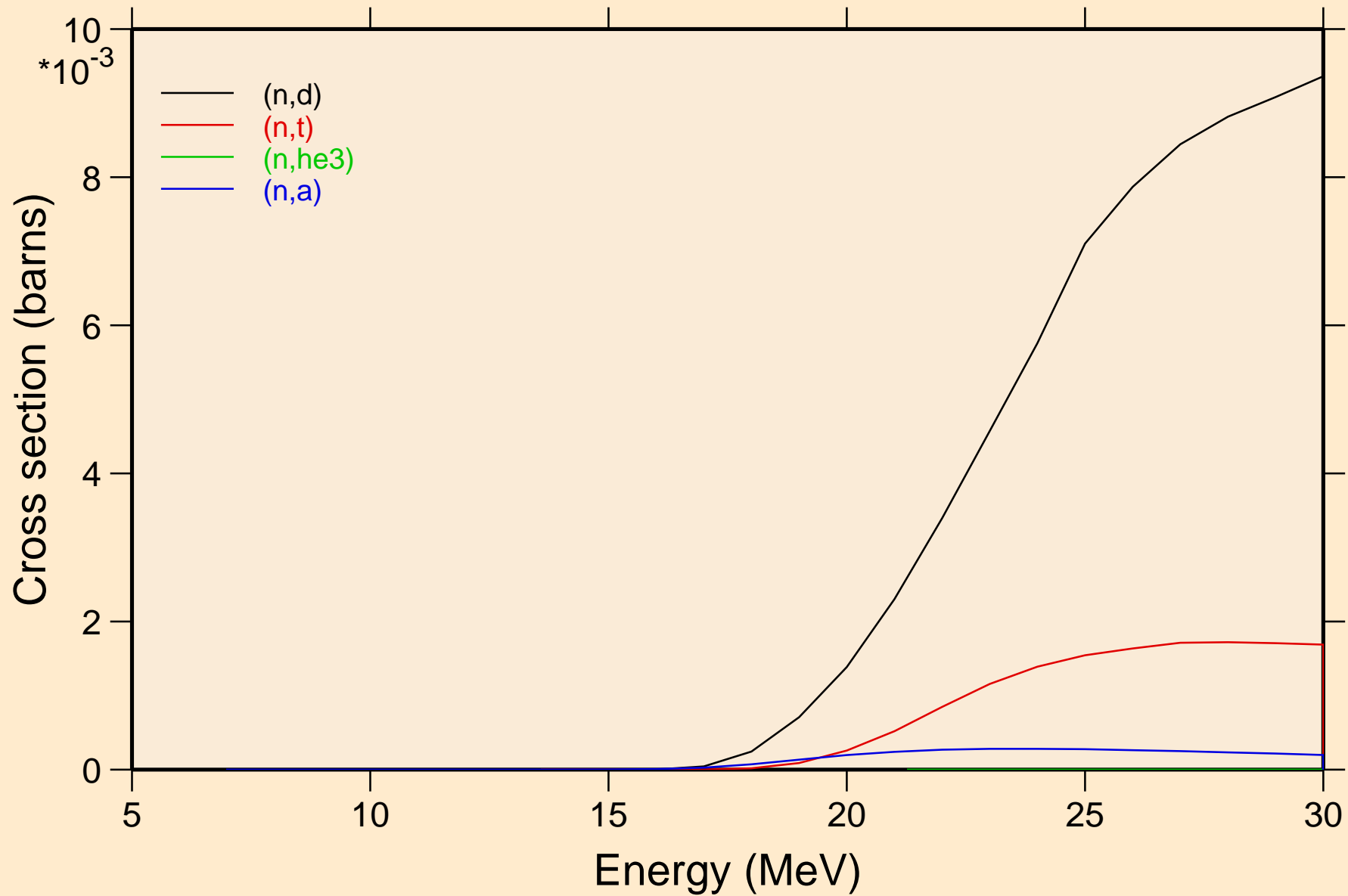
# FE064 NRG TENDL-2015, AKONING

## Threshold reactions

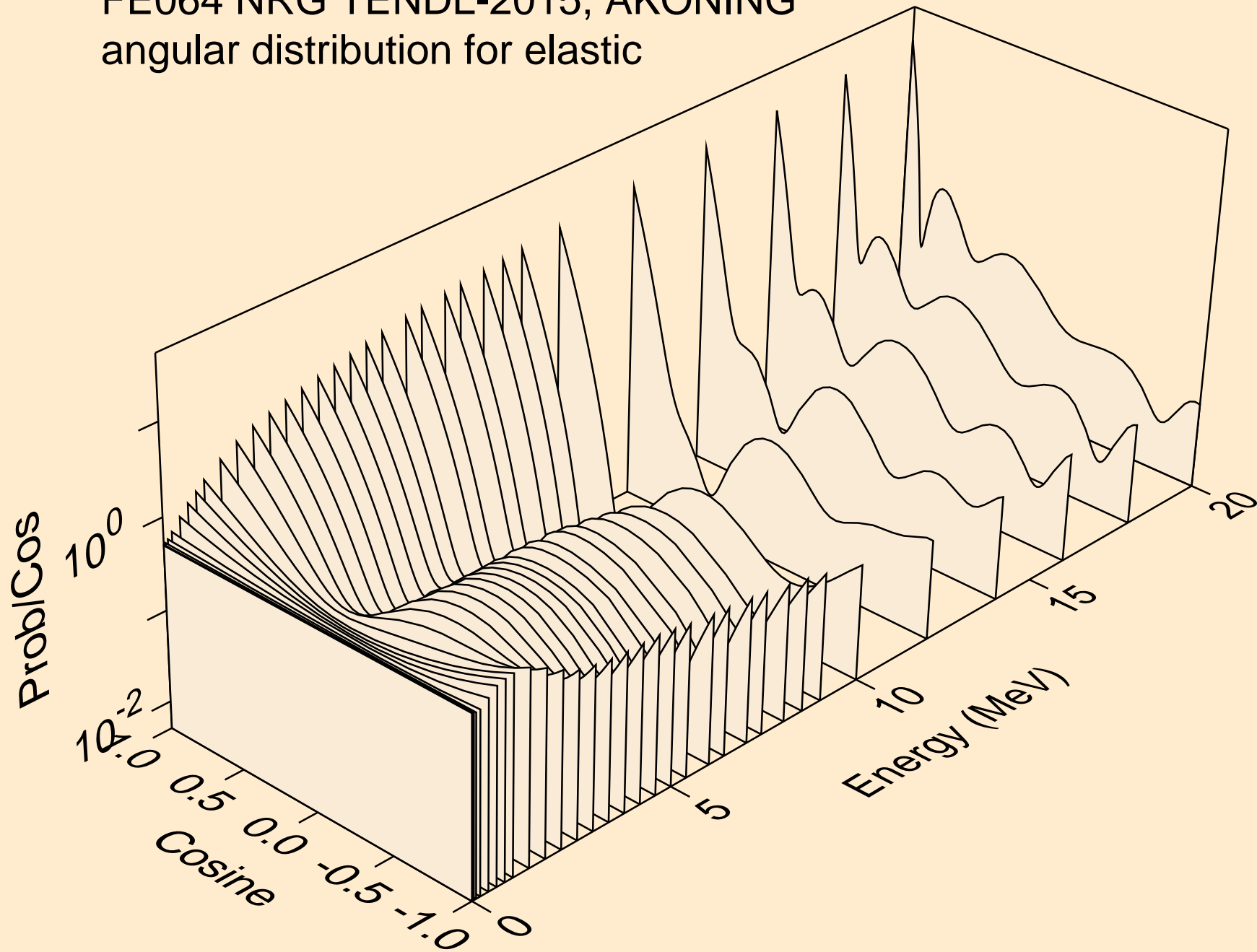


# FE064 NRG TENDL-2015, AKONING

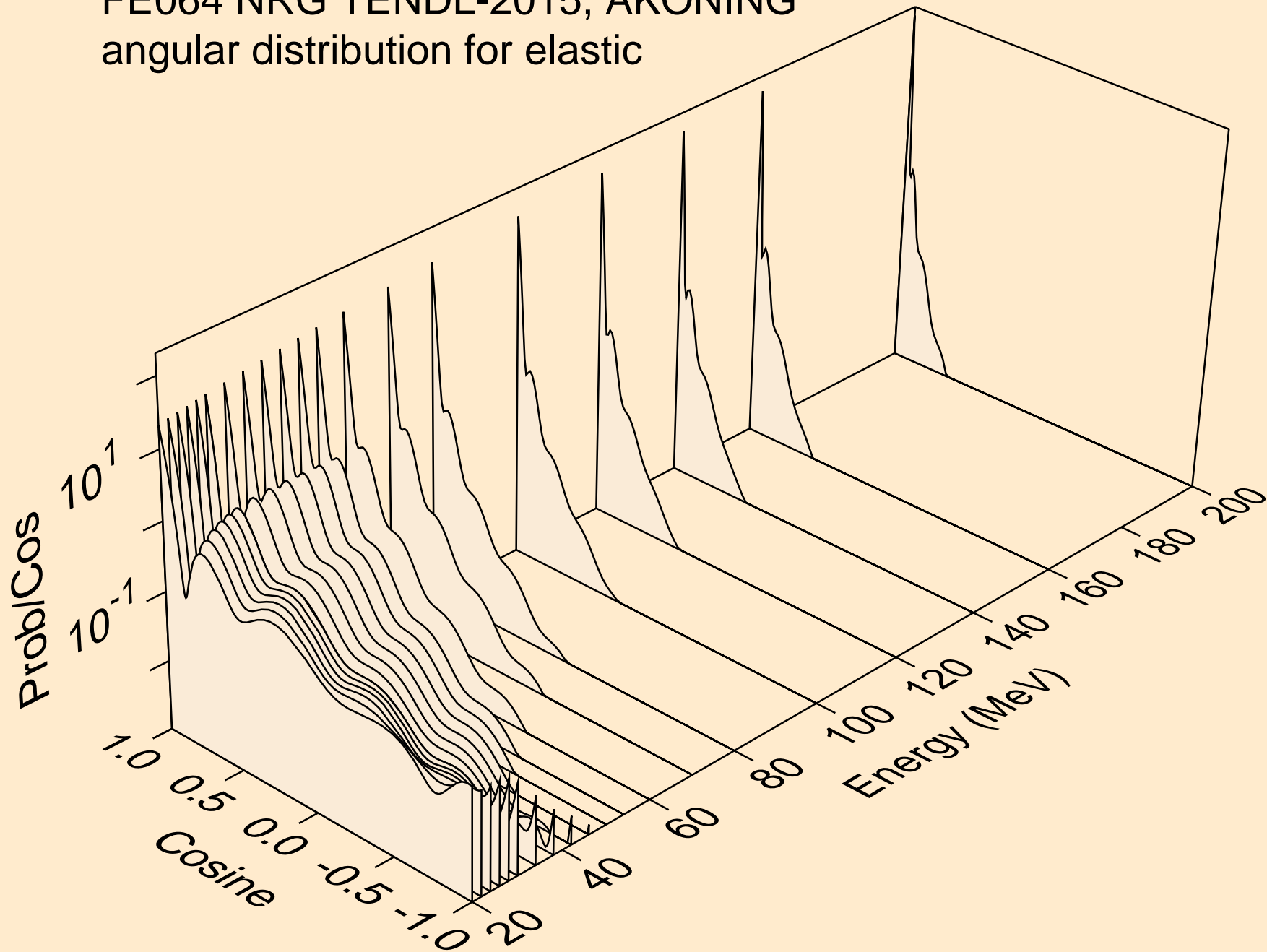
## Threshold reactions



FE064 NRG TENDL-2015, AKONING  
angular distribution for elastic

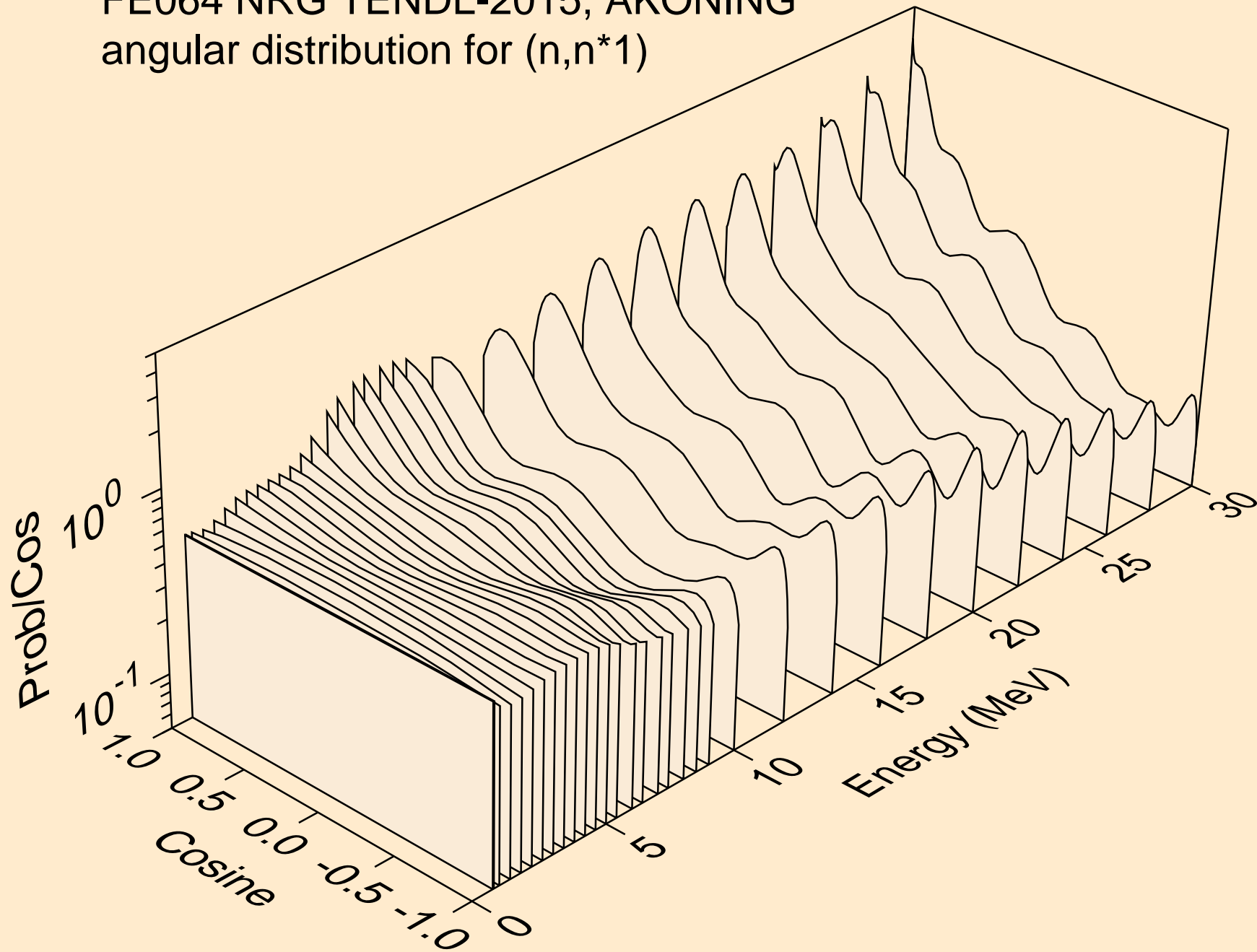


FE064 NRG TENDL-2015, AKONING  
angular distribution for elastic

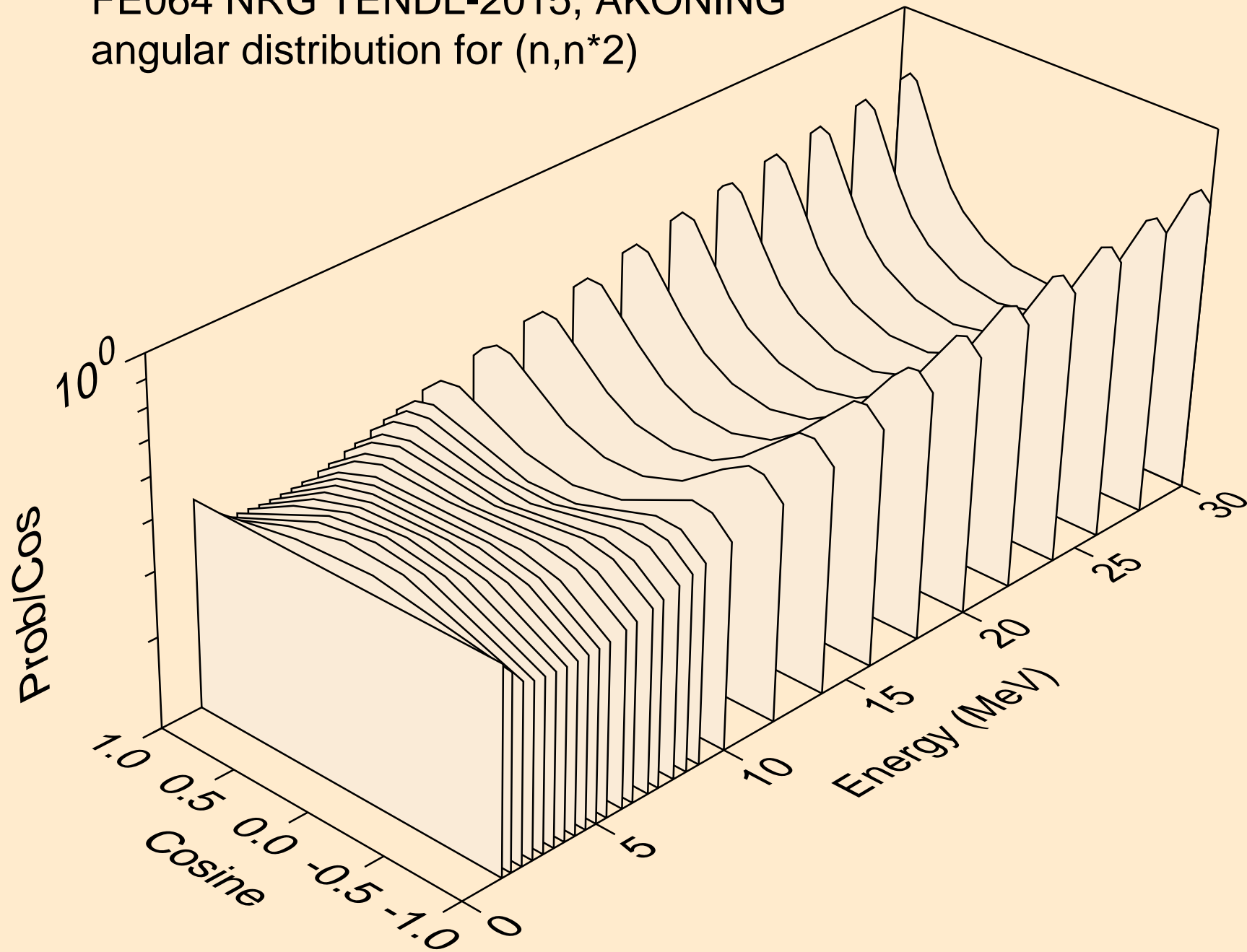




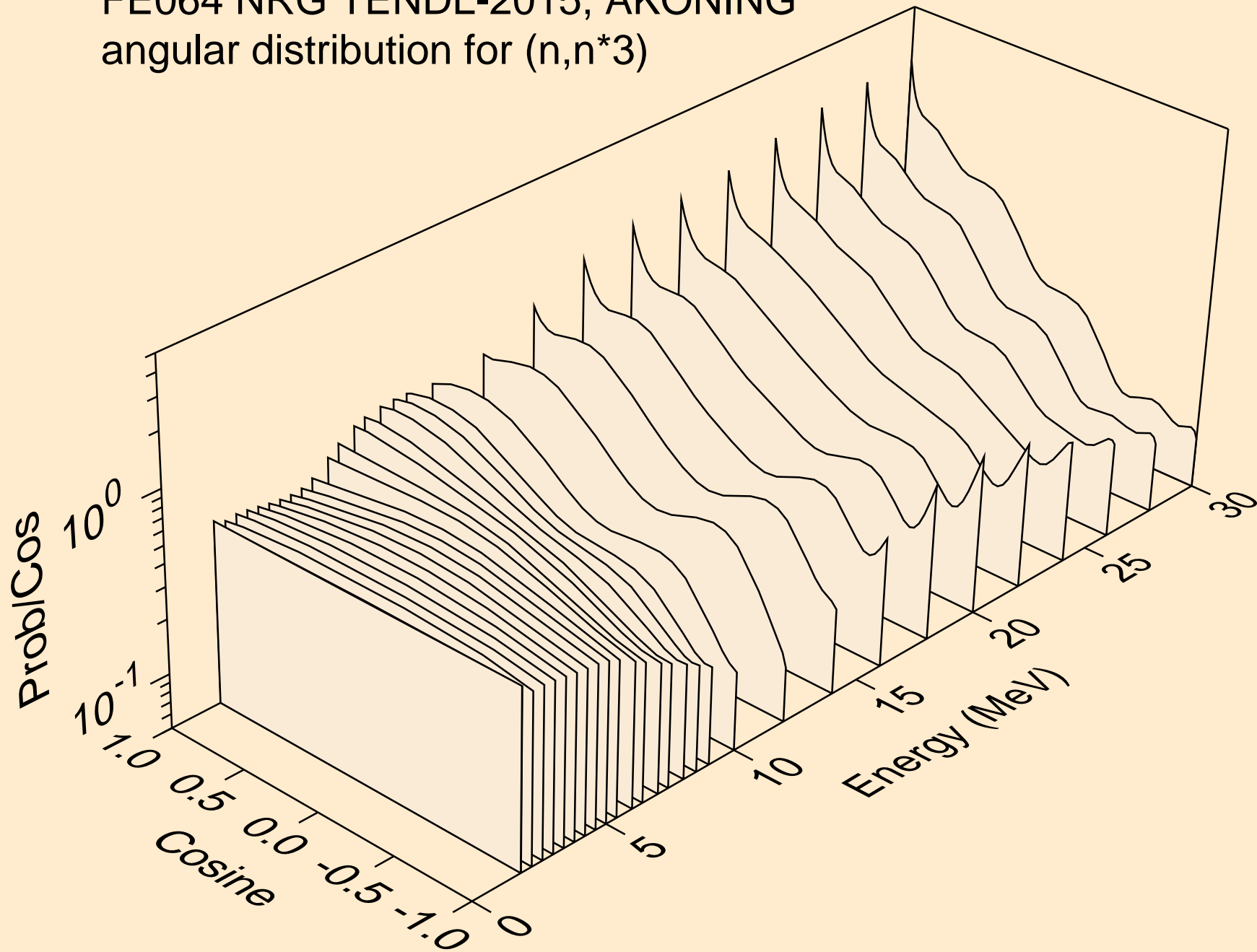
FE064 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



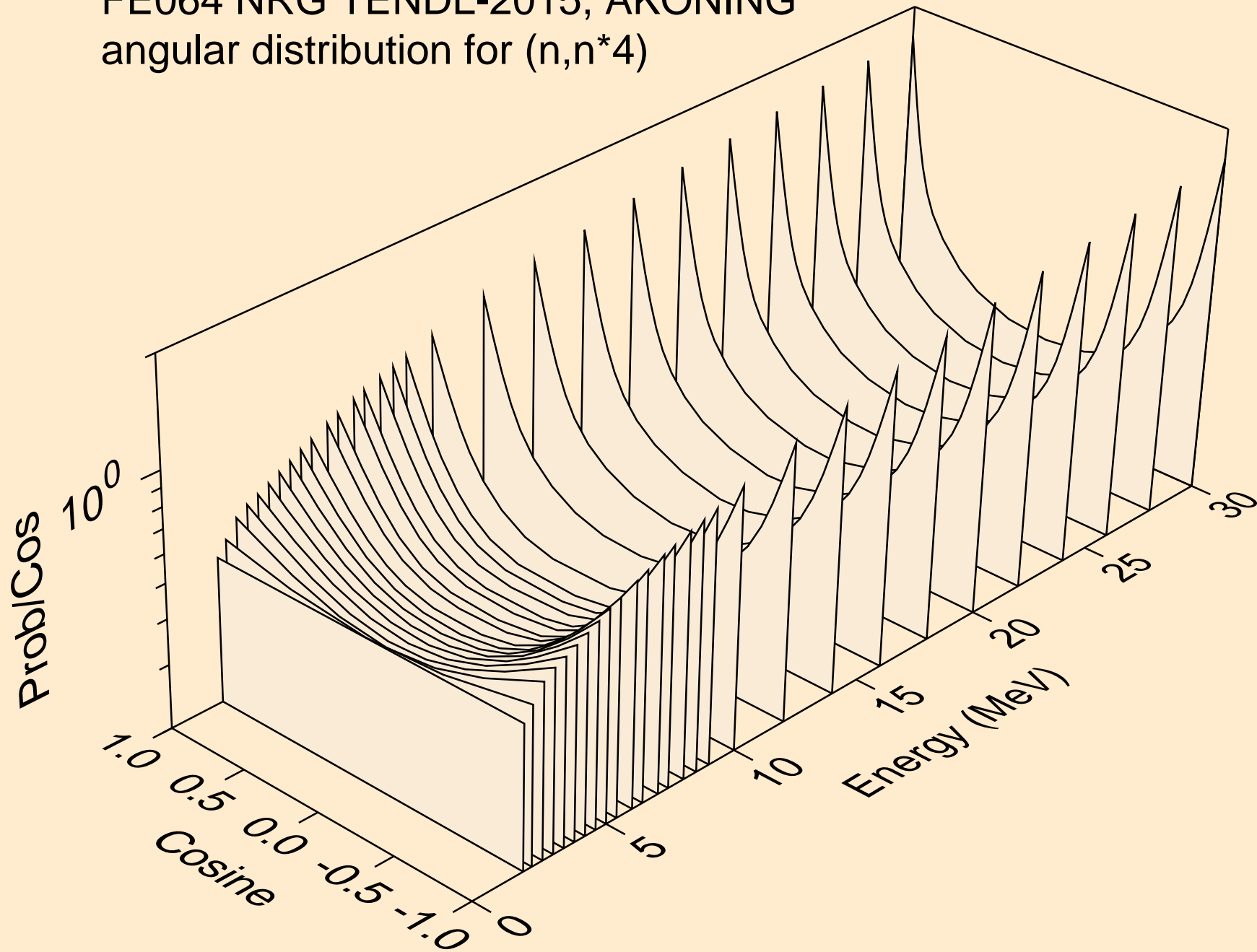
FE064 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



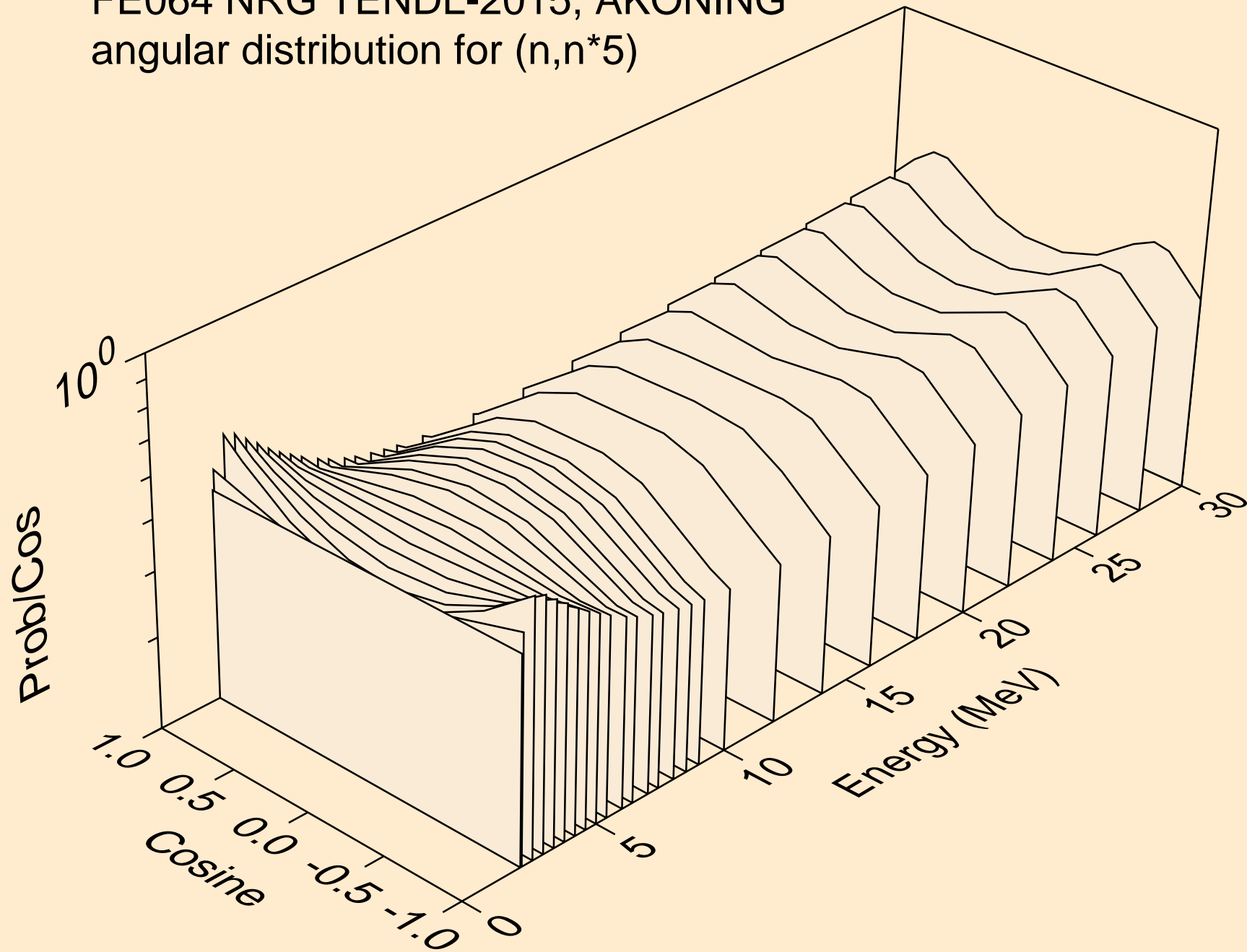
FE064 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



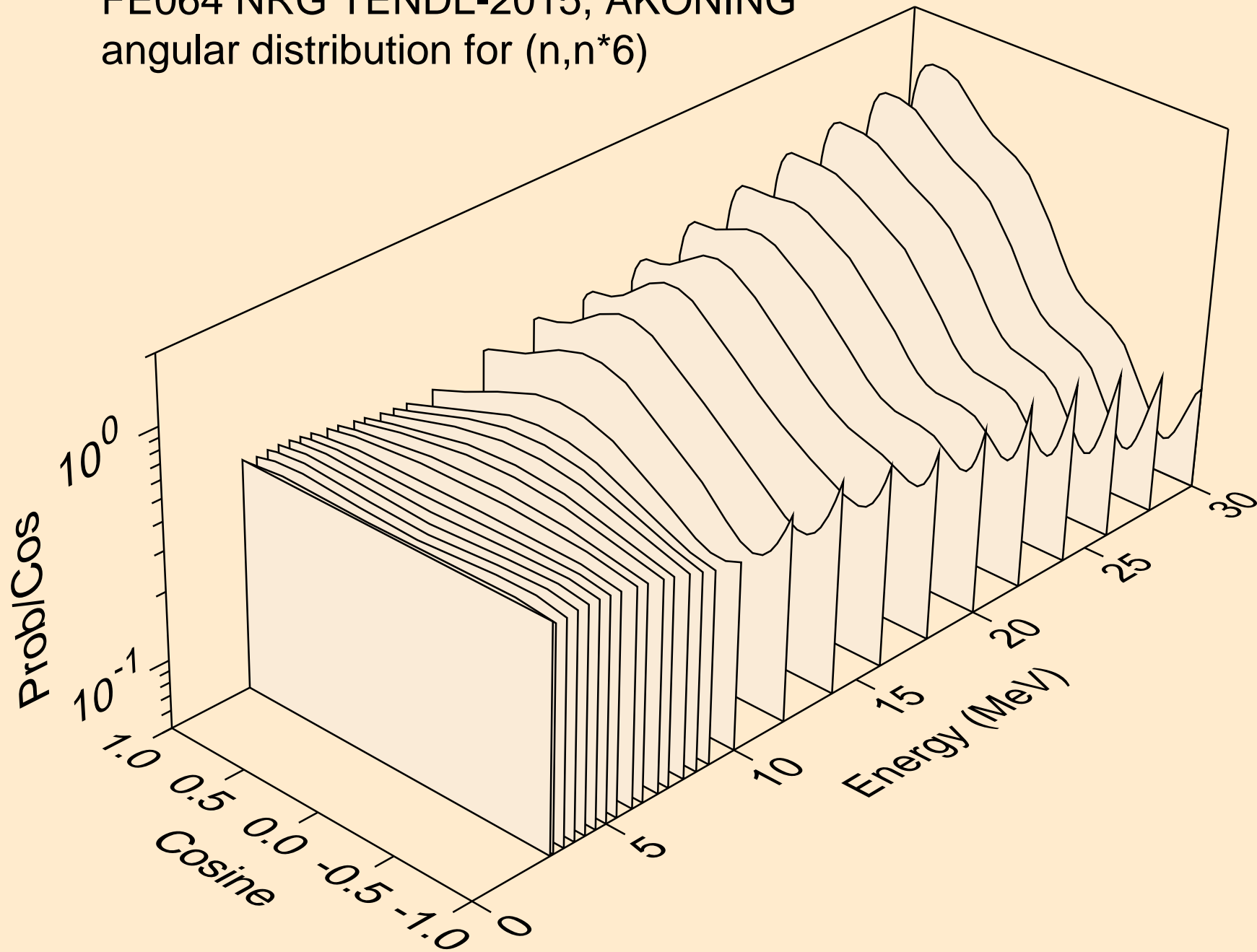
FE064 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



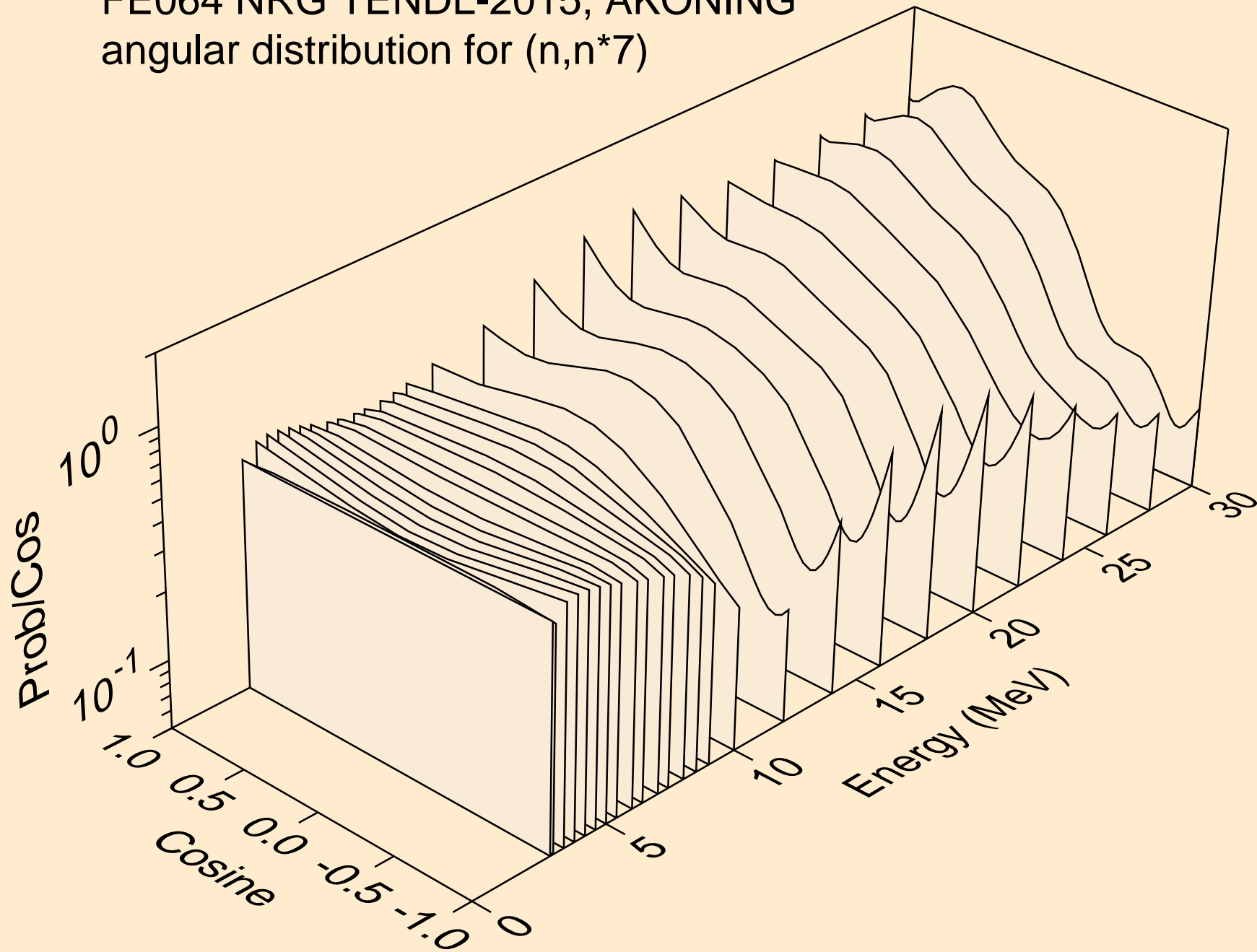
FE064 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



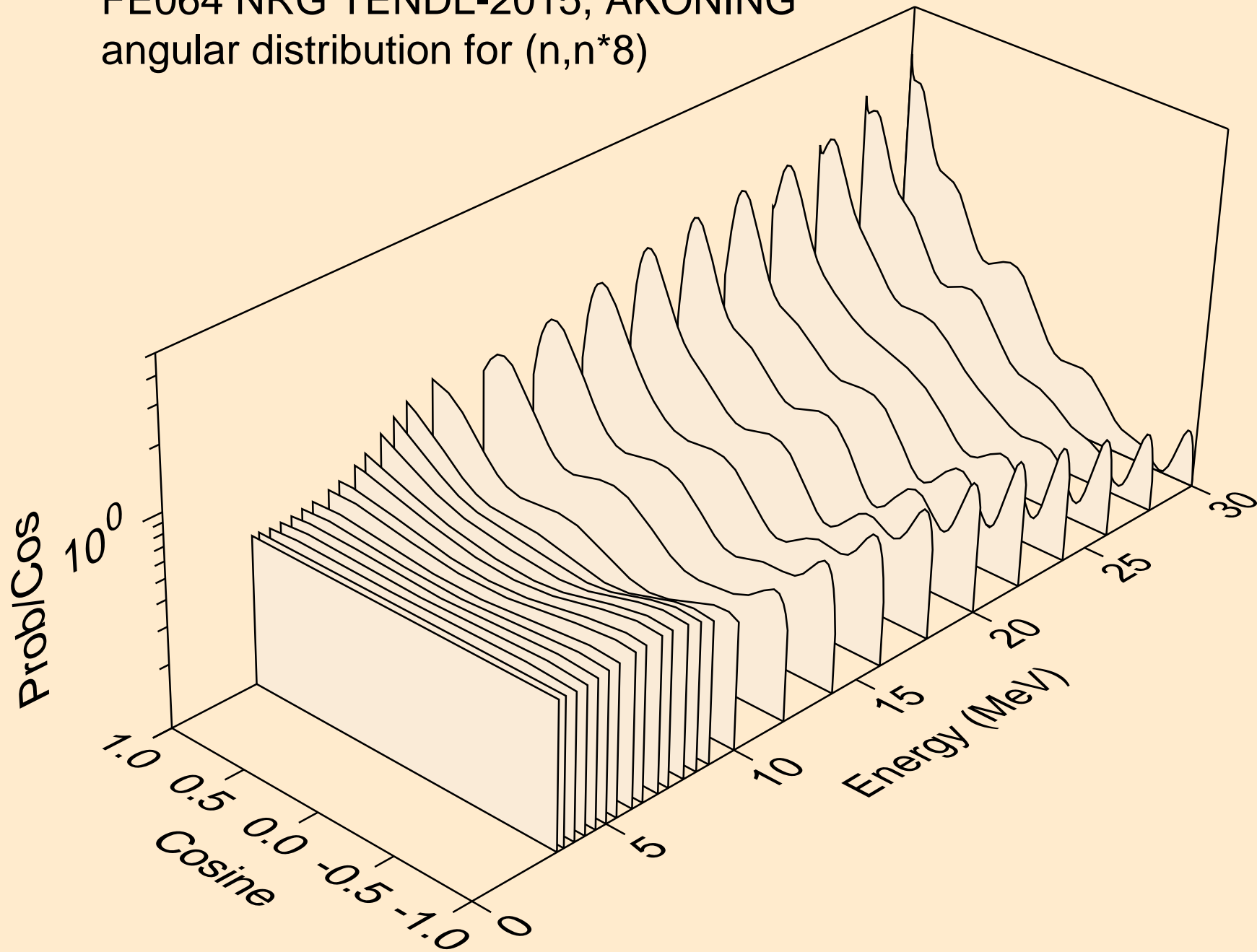
FE064 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



FE064 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

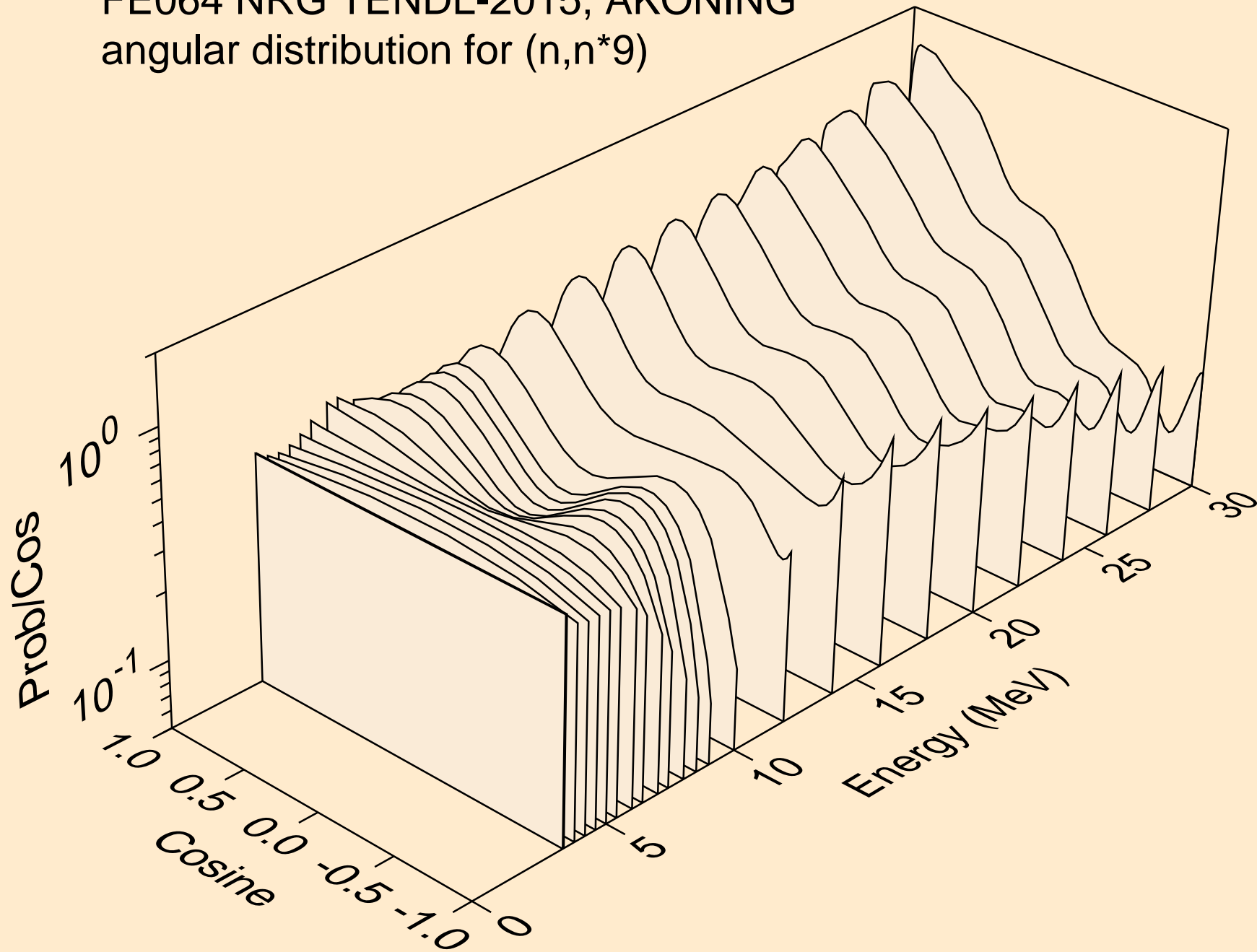


FE064 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

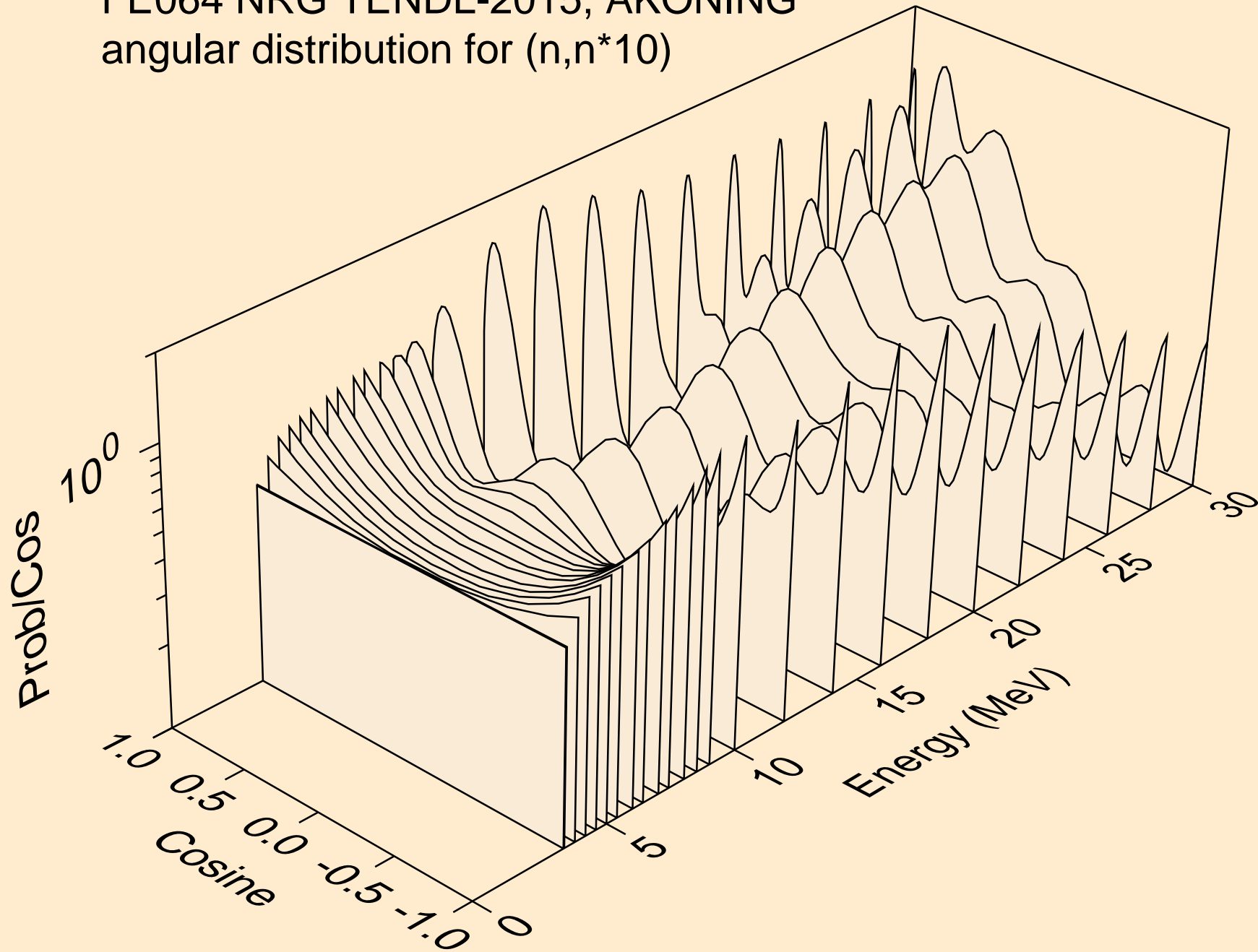




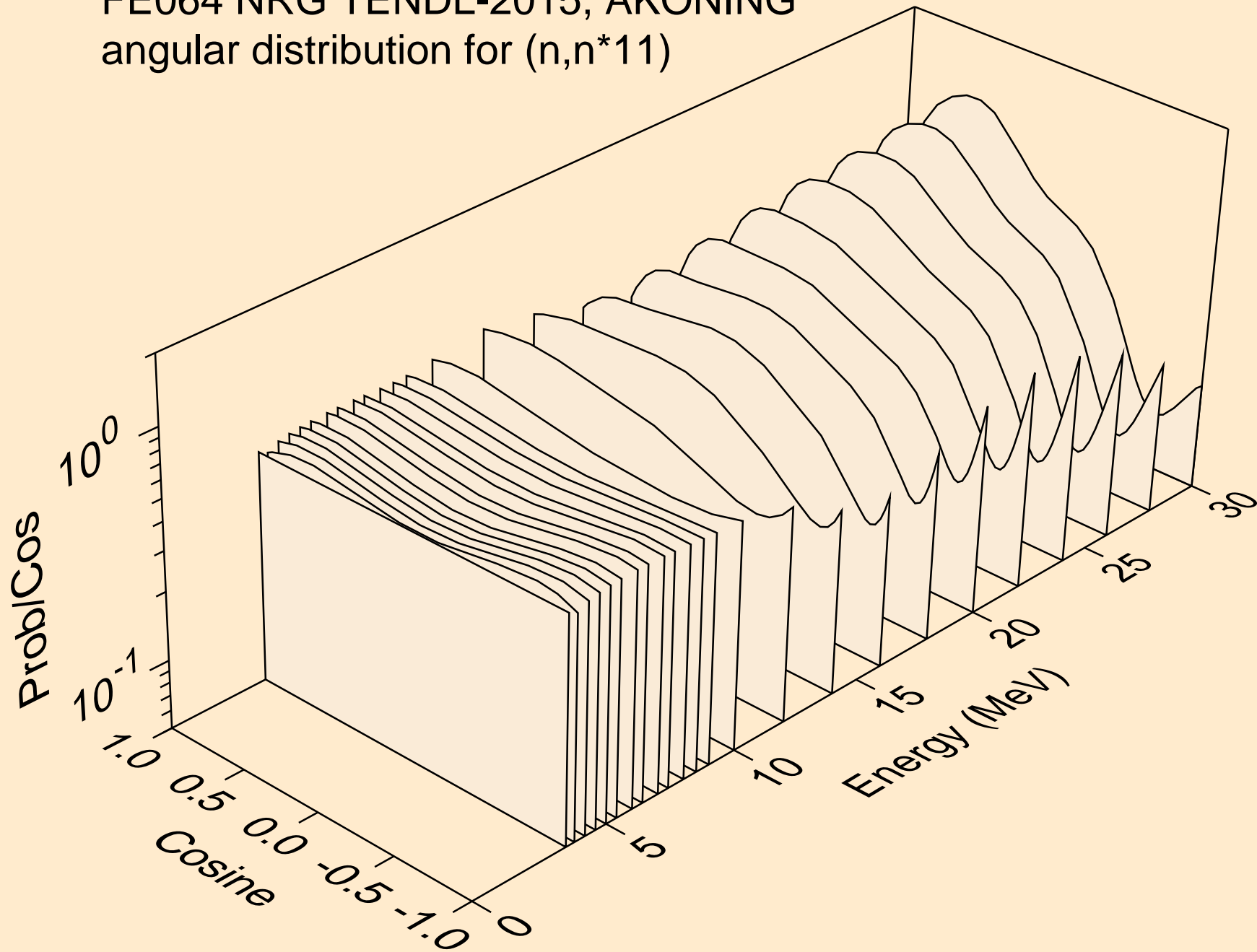
FE064 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



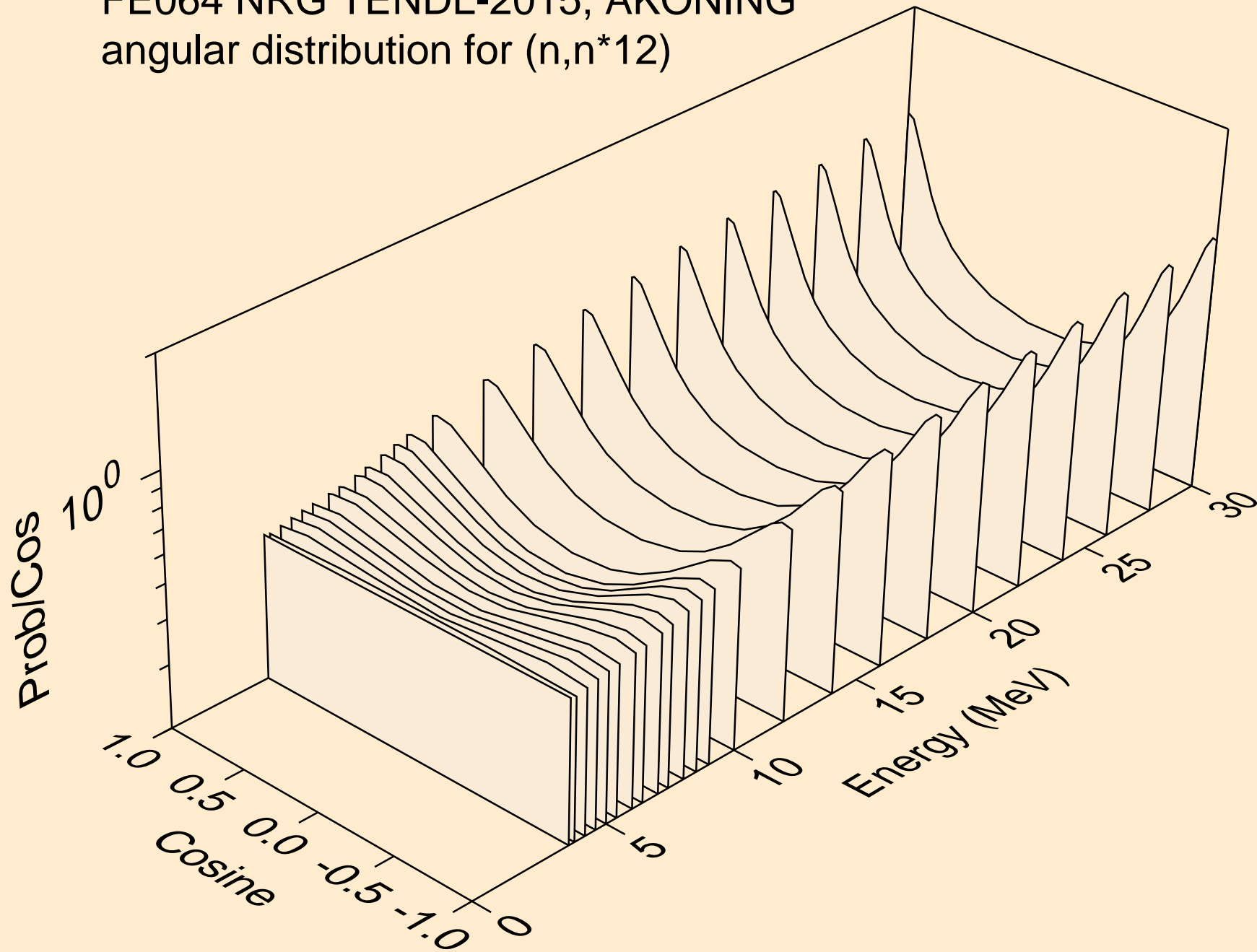
FE064 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



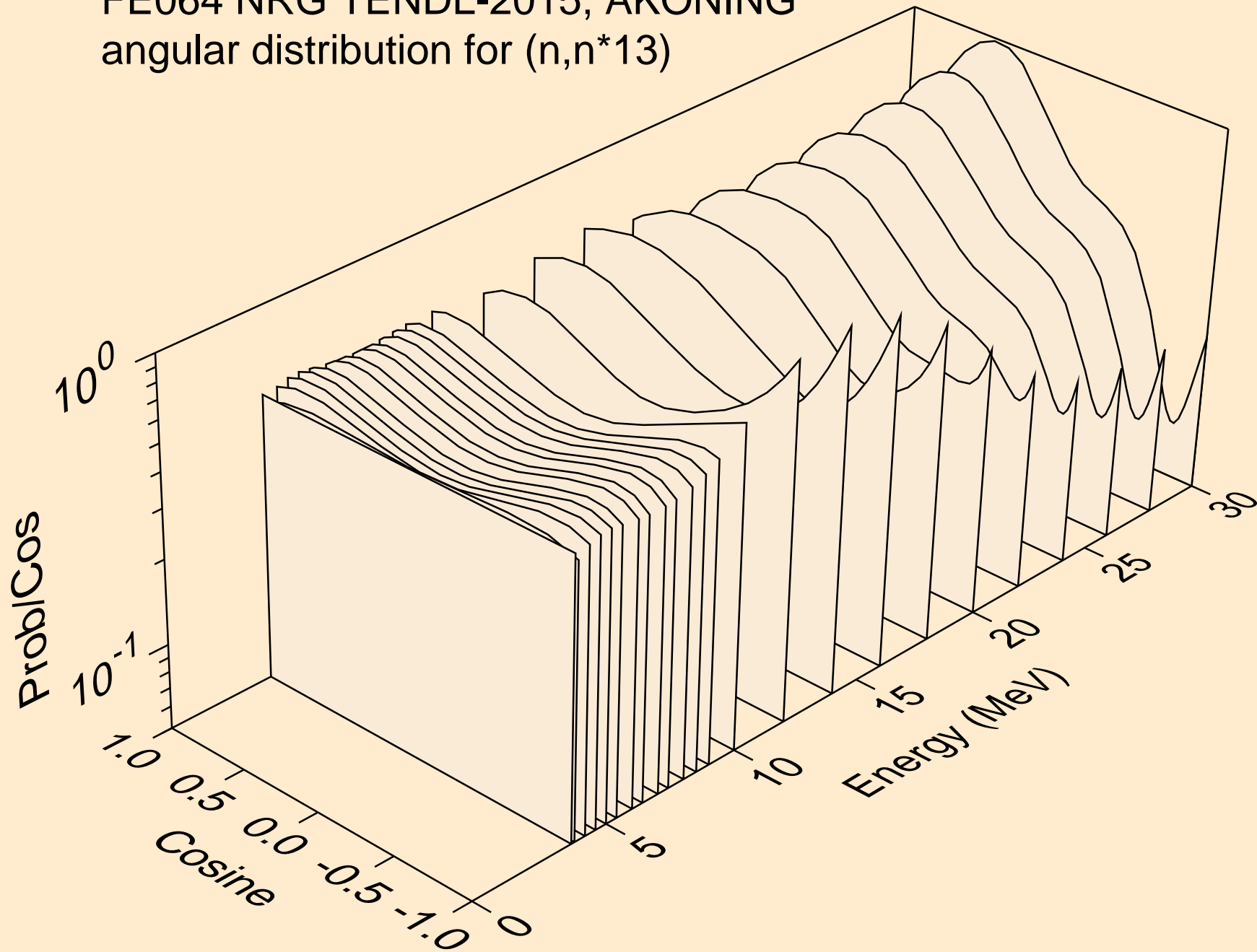
FE064 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



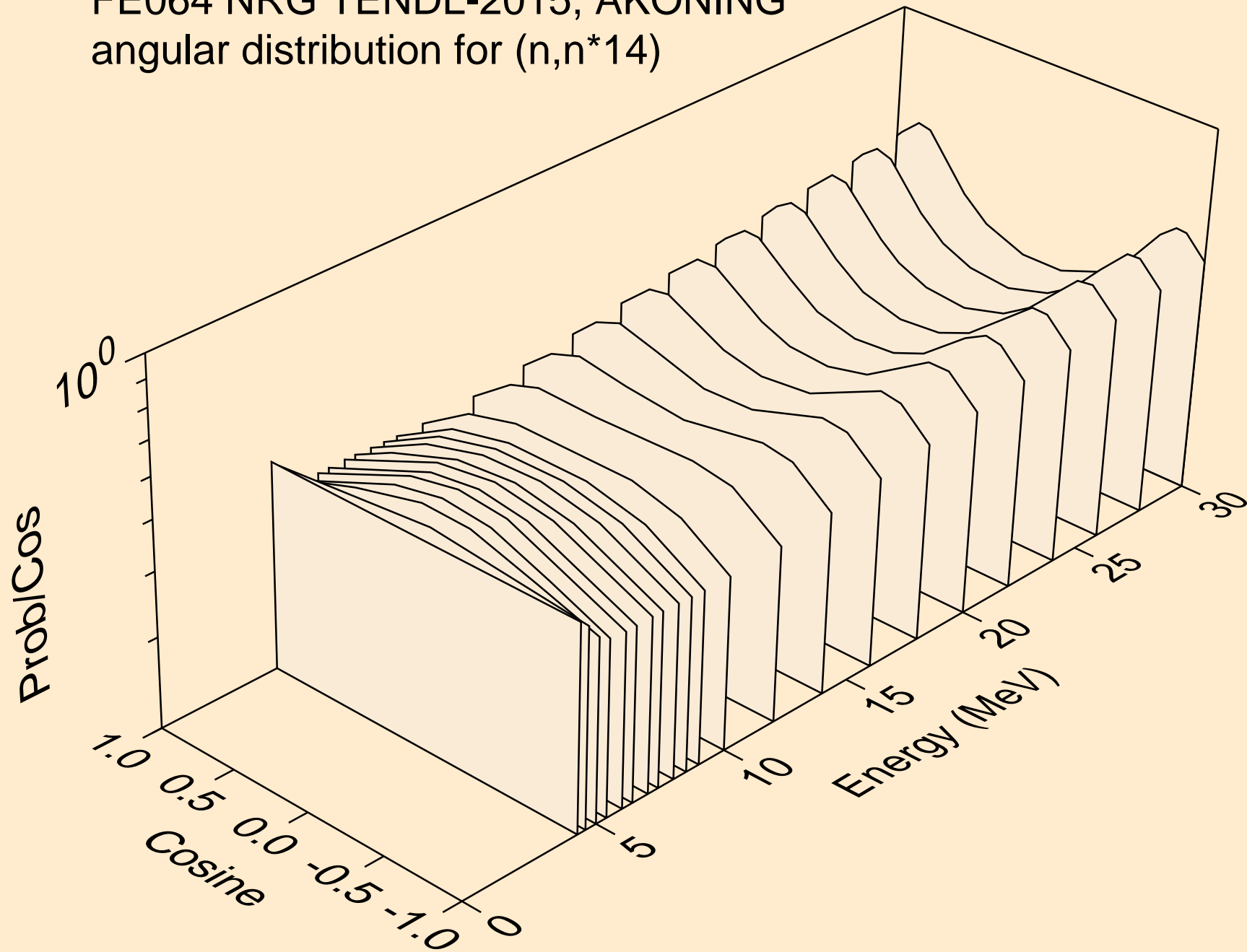
FE064 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



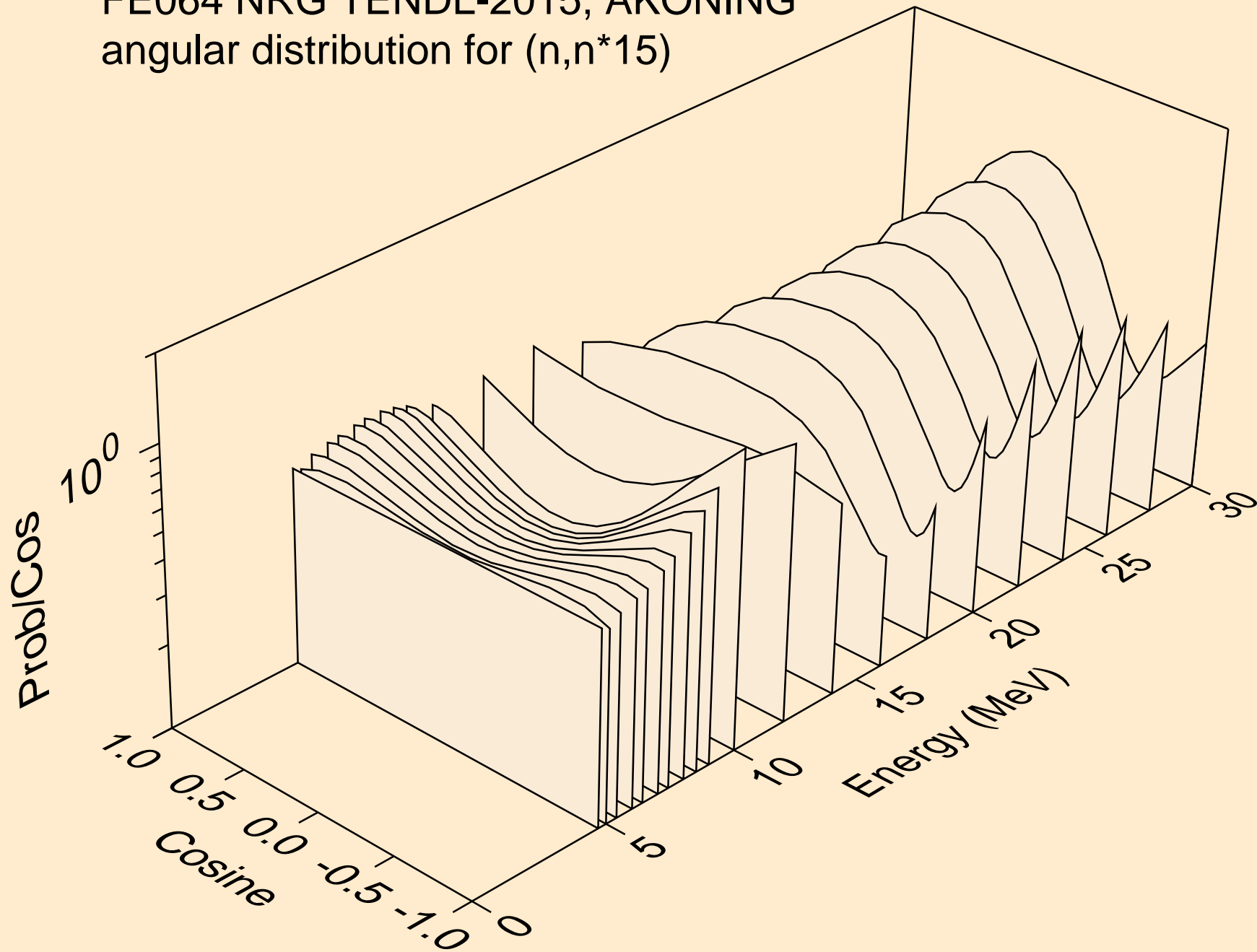
FE064 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



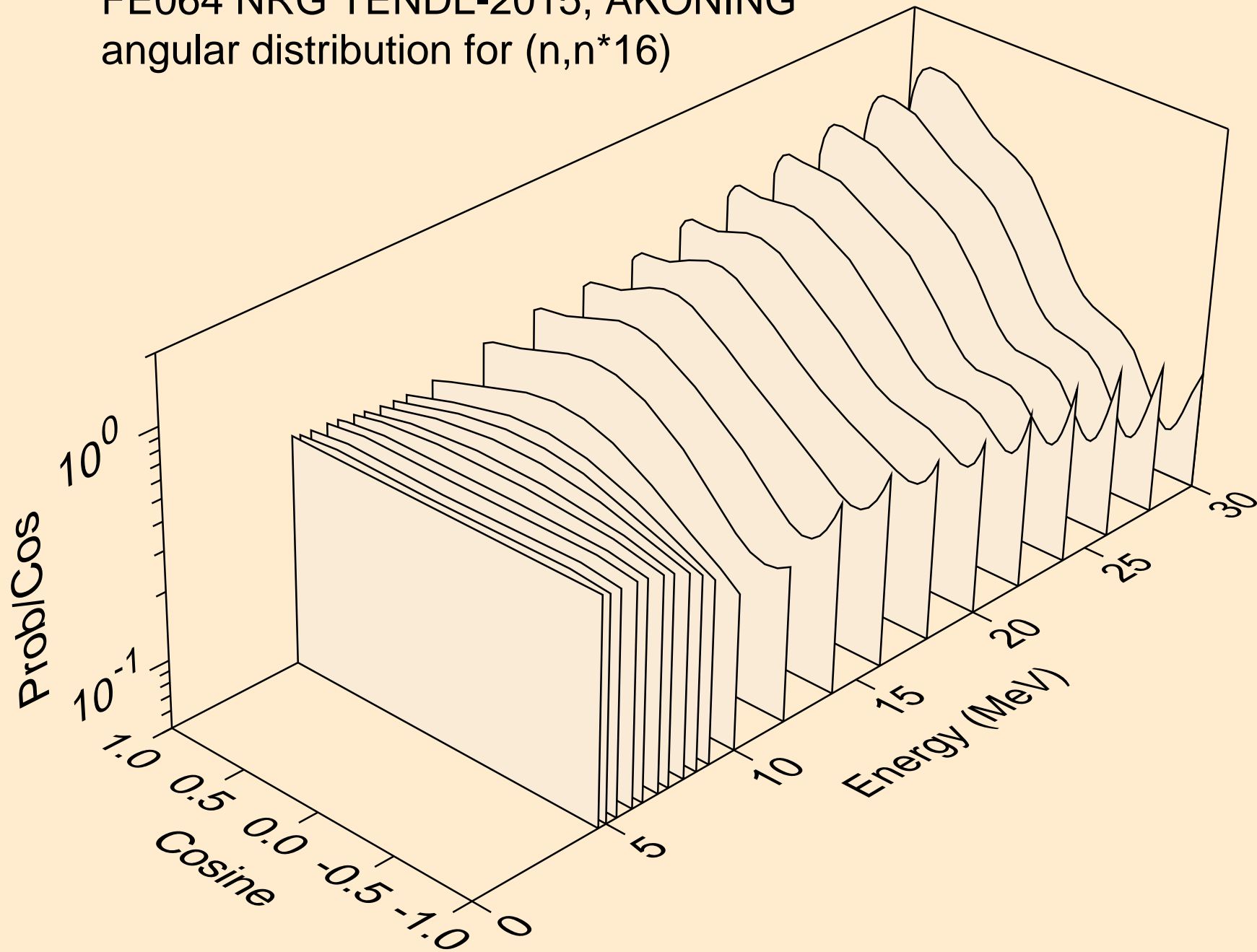
FE064 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



FE064 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

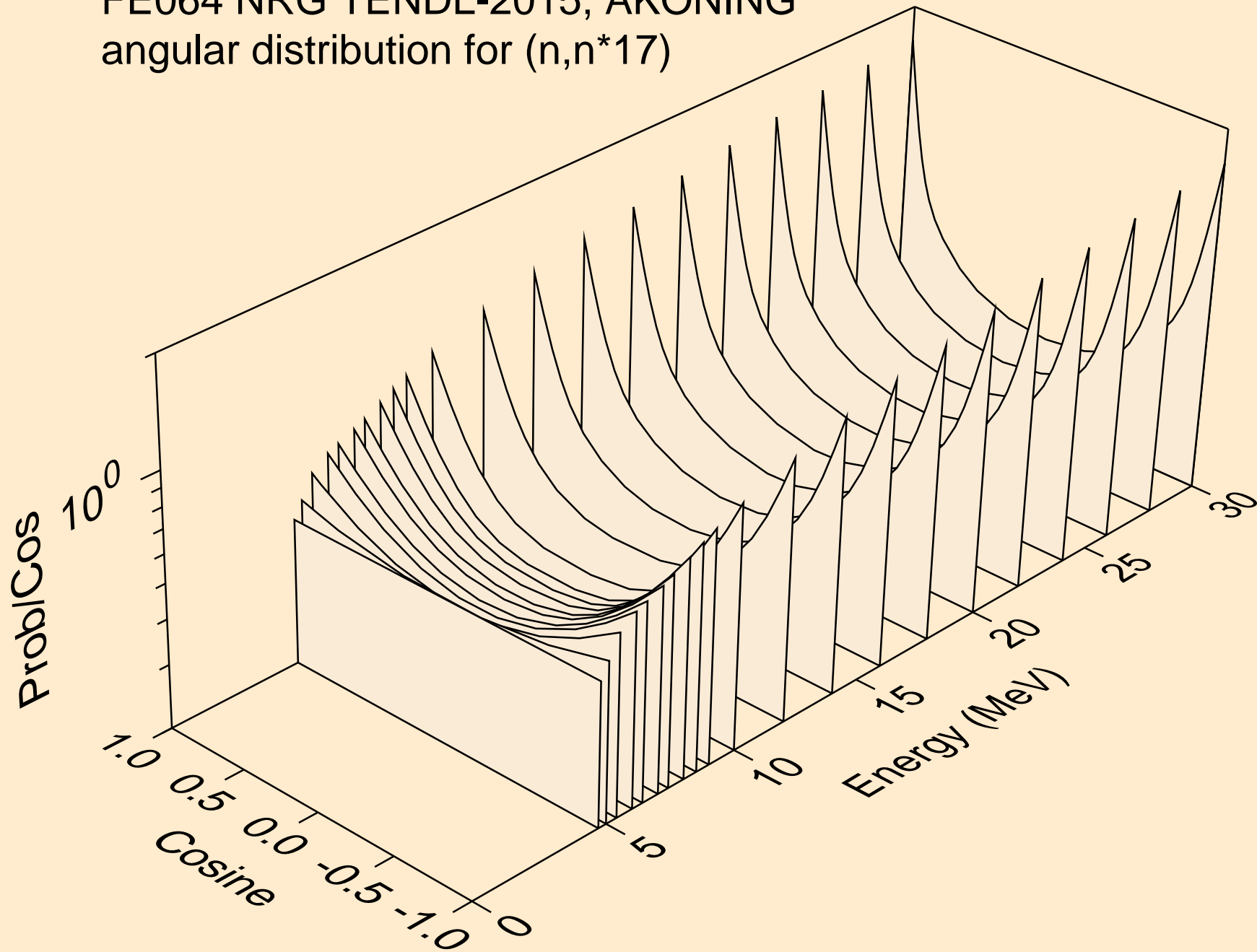


FE064 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)

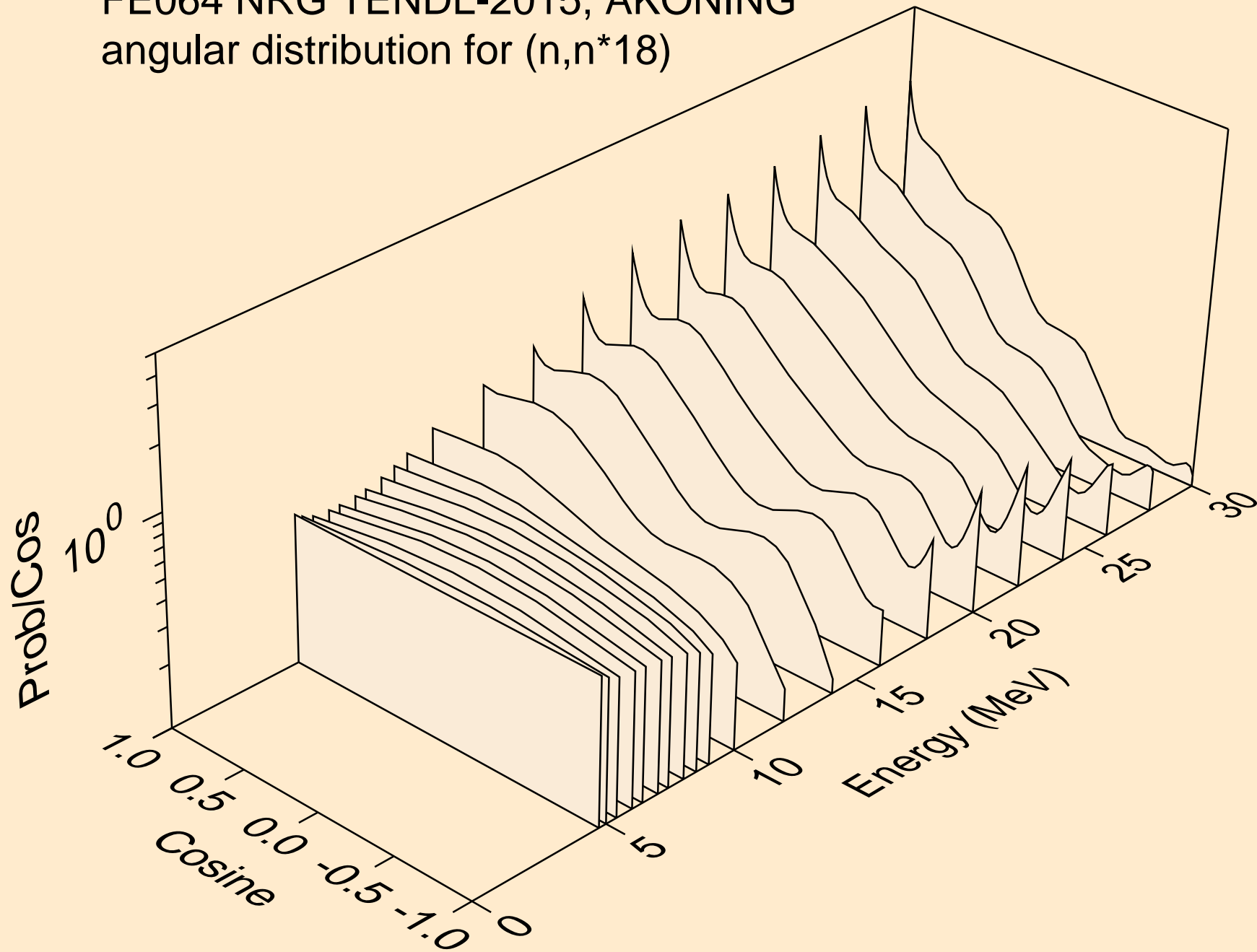




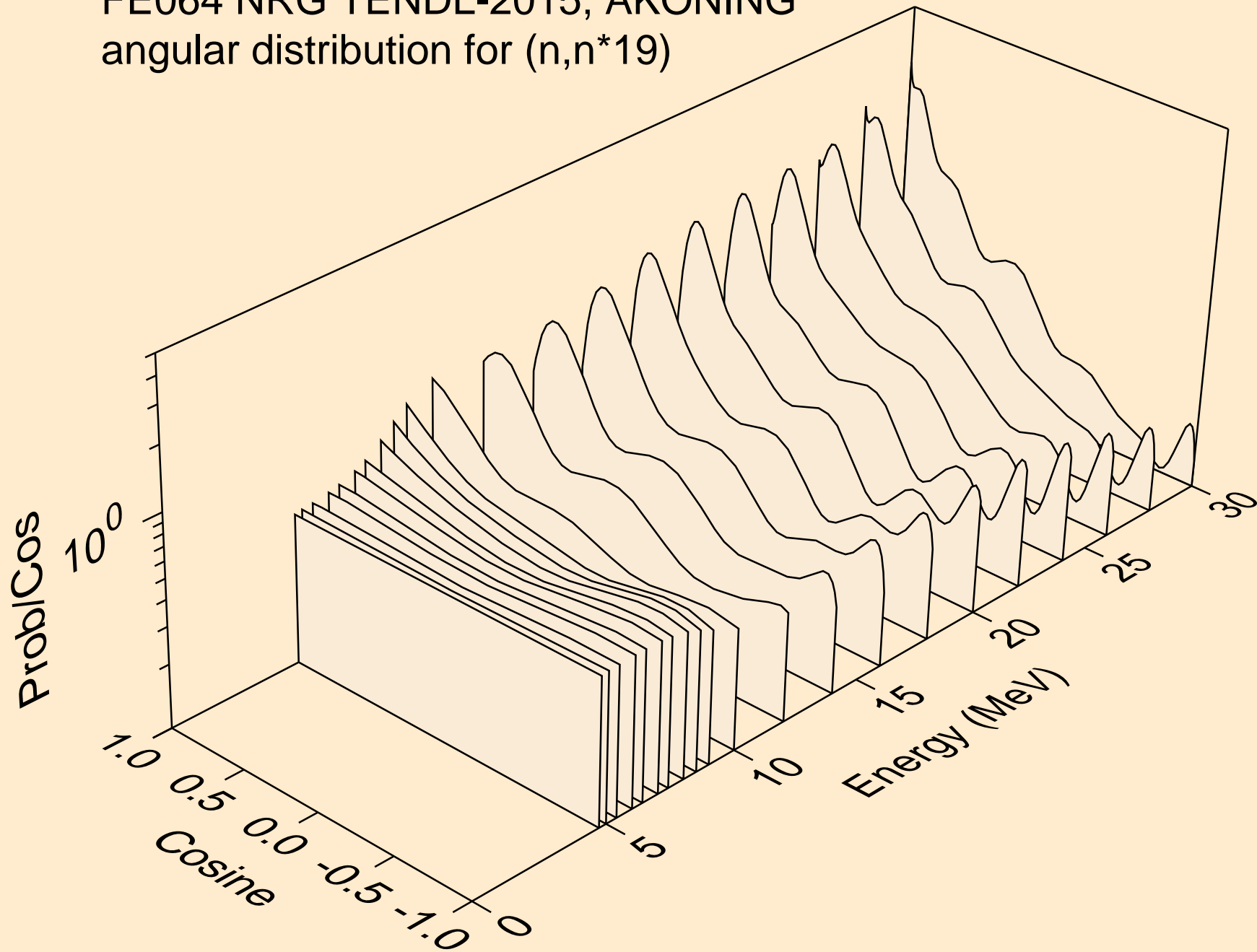
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angular distribution for (n,n\*17)



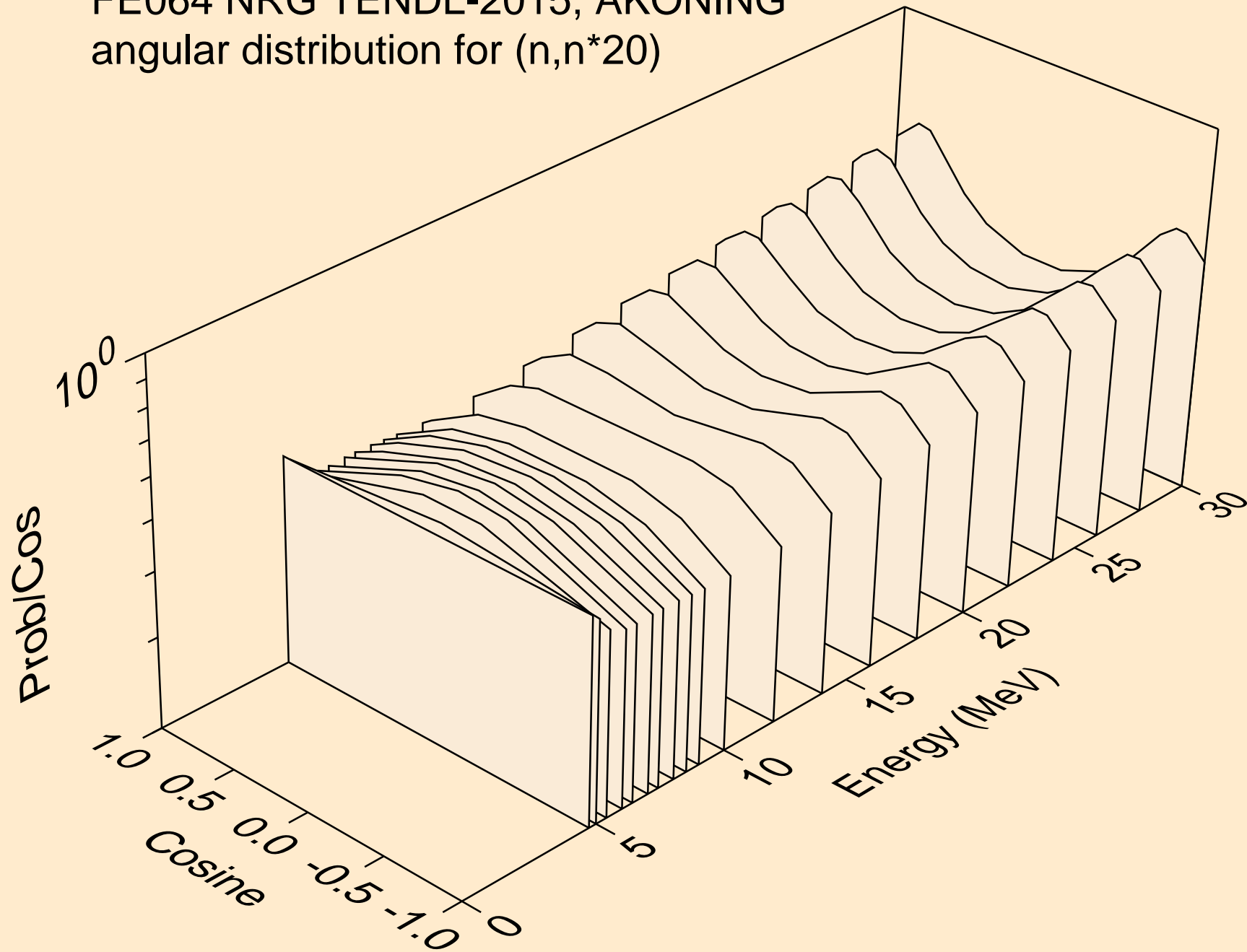
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angular distribution for (n,n\*18)



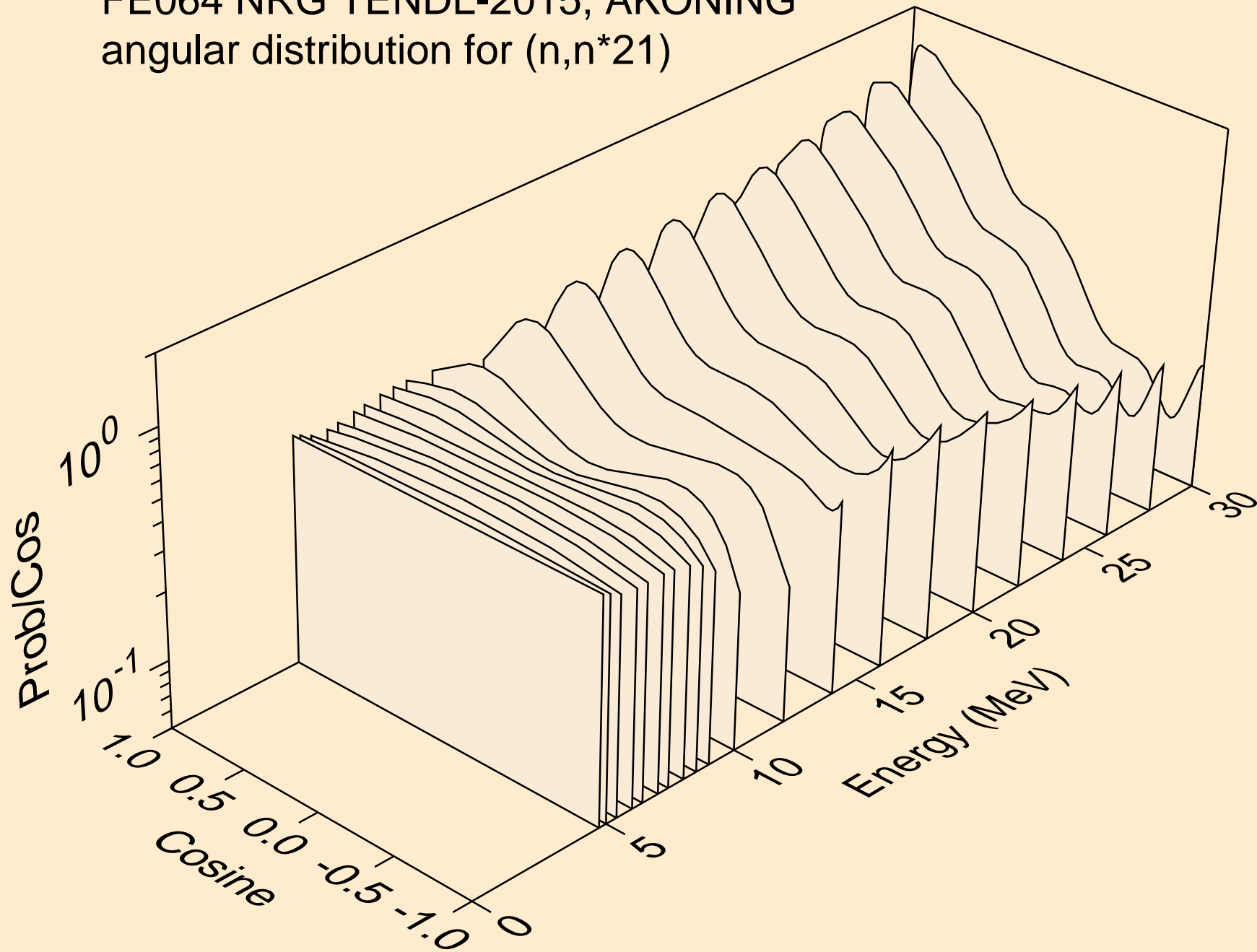
FE064 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



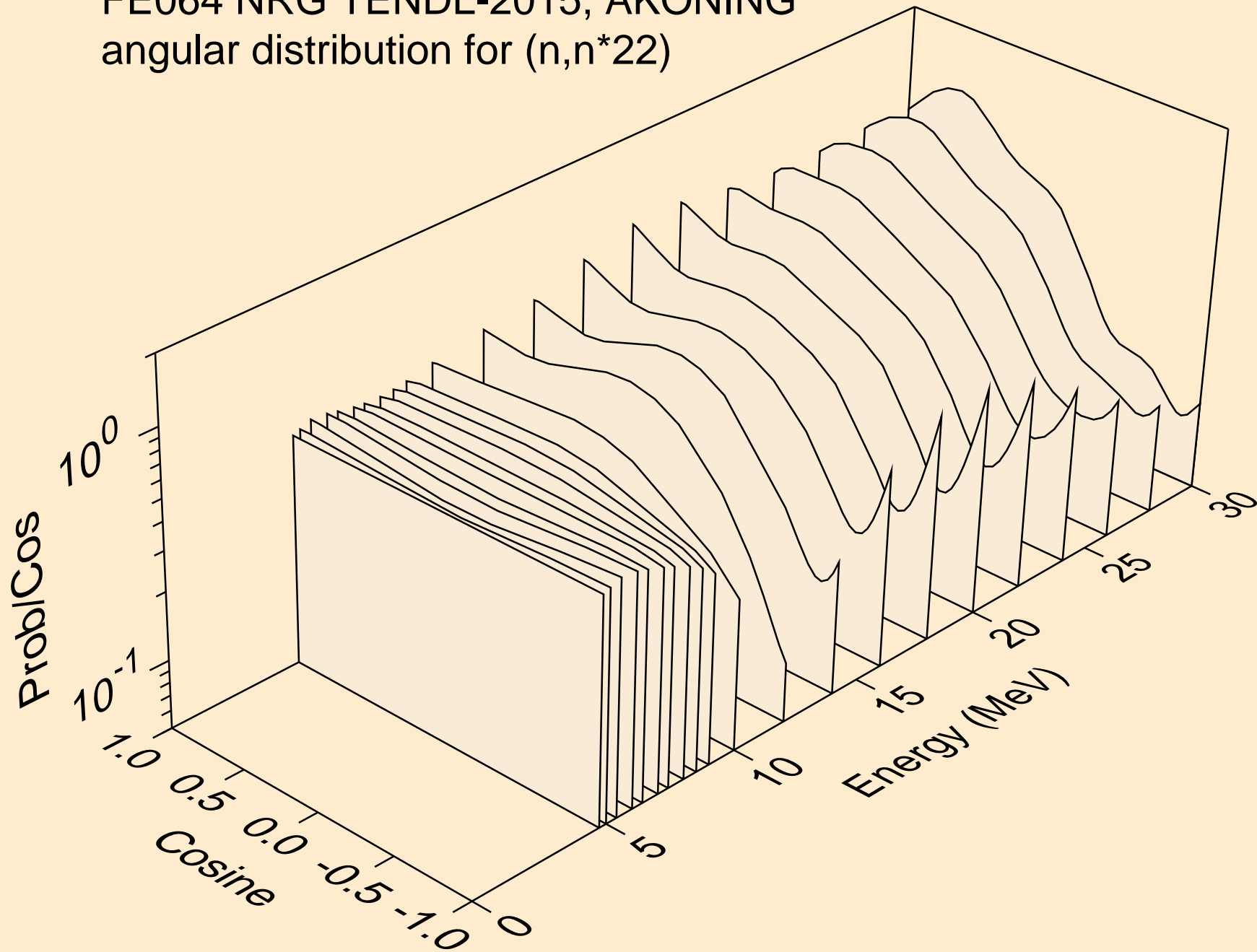
FE064 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



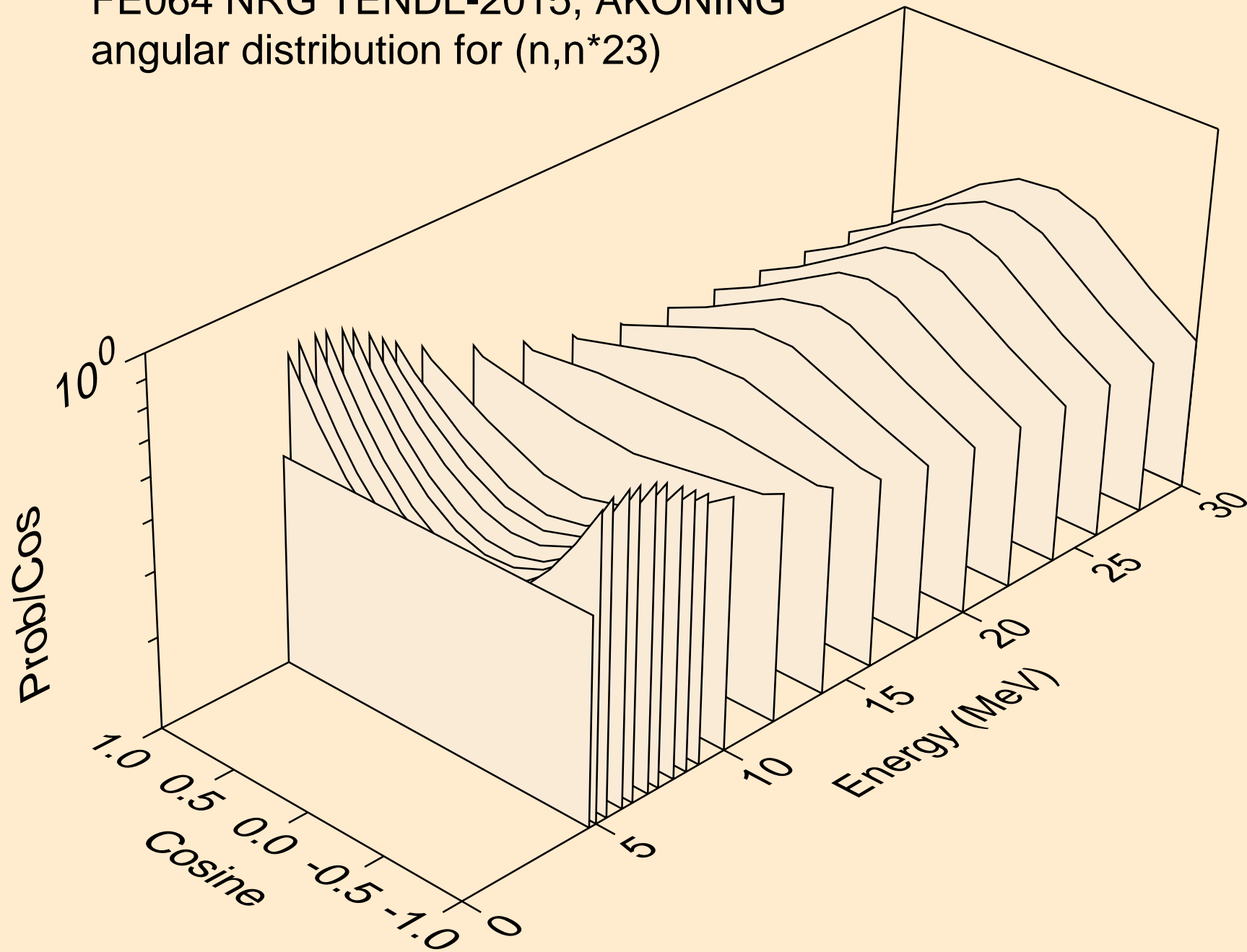
FE064 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



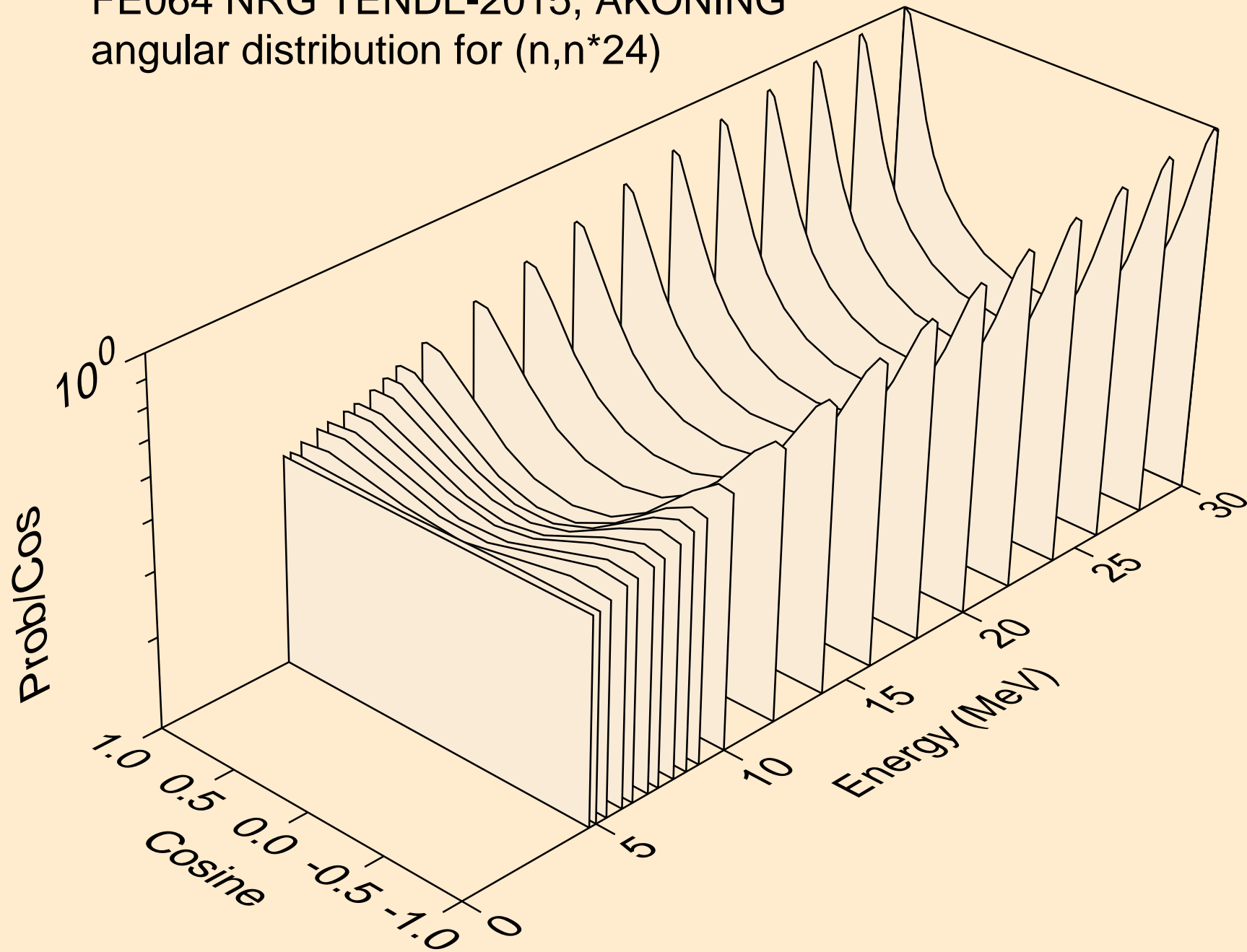
FE064 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



FE064 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

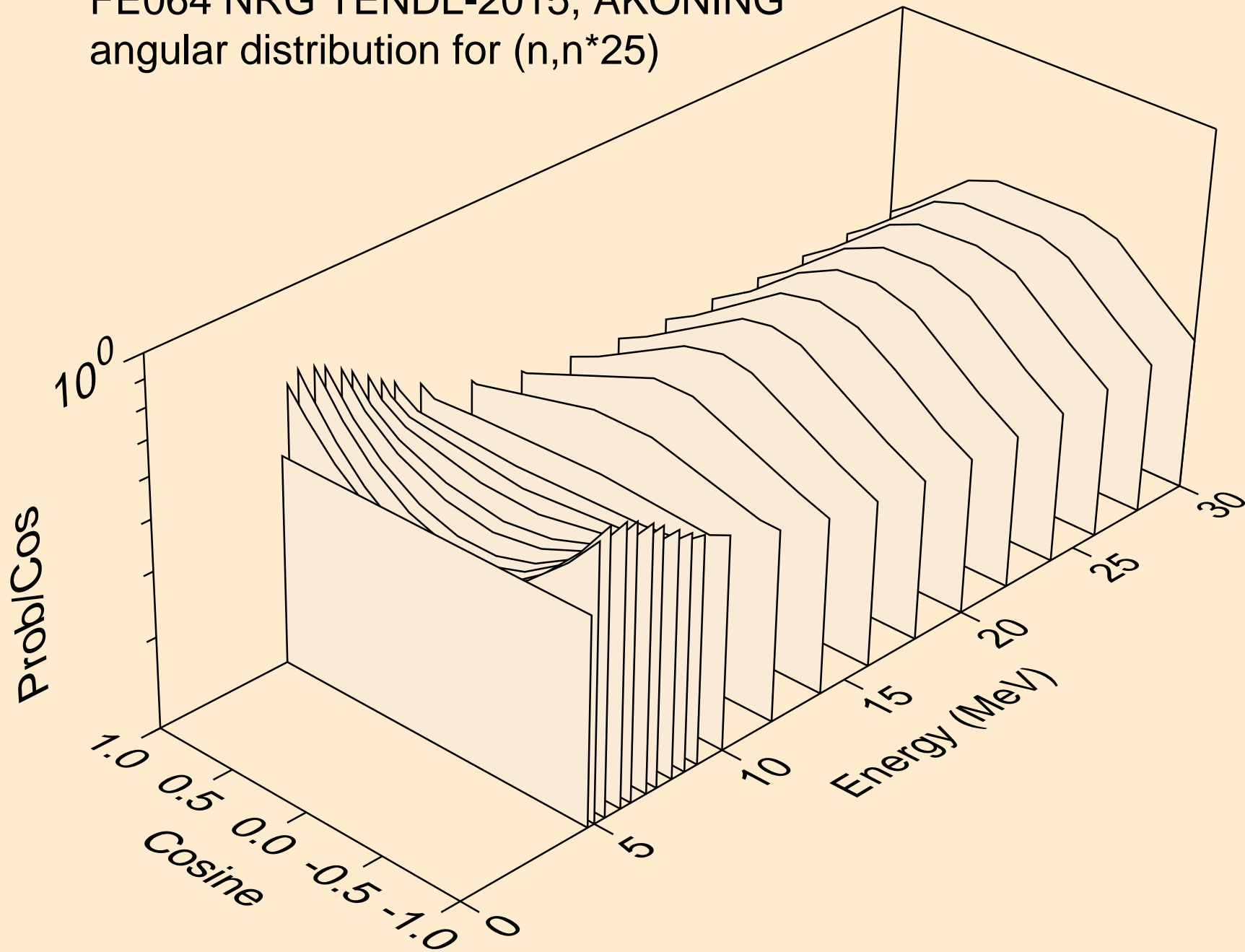


FE064 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)

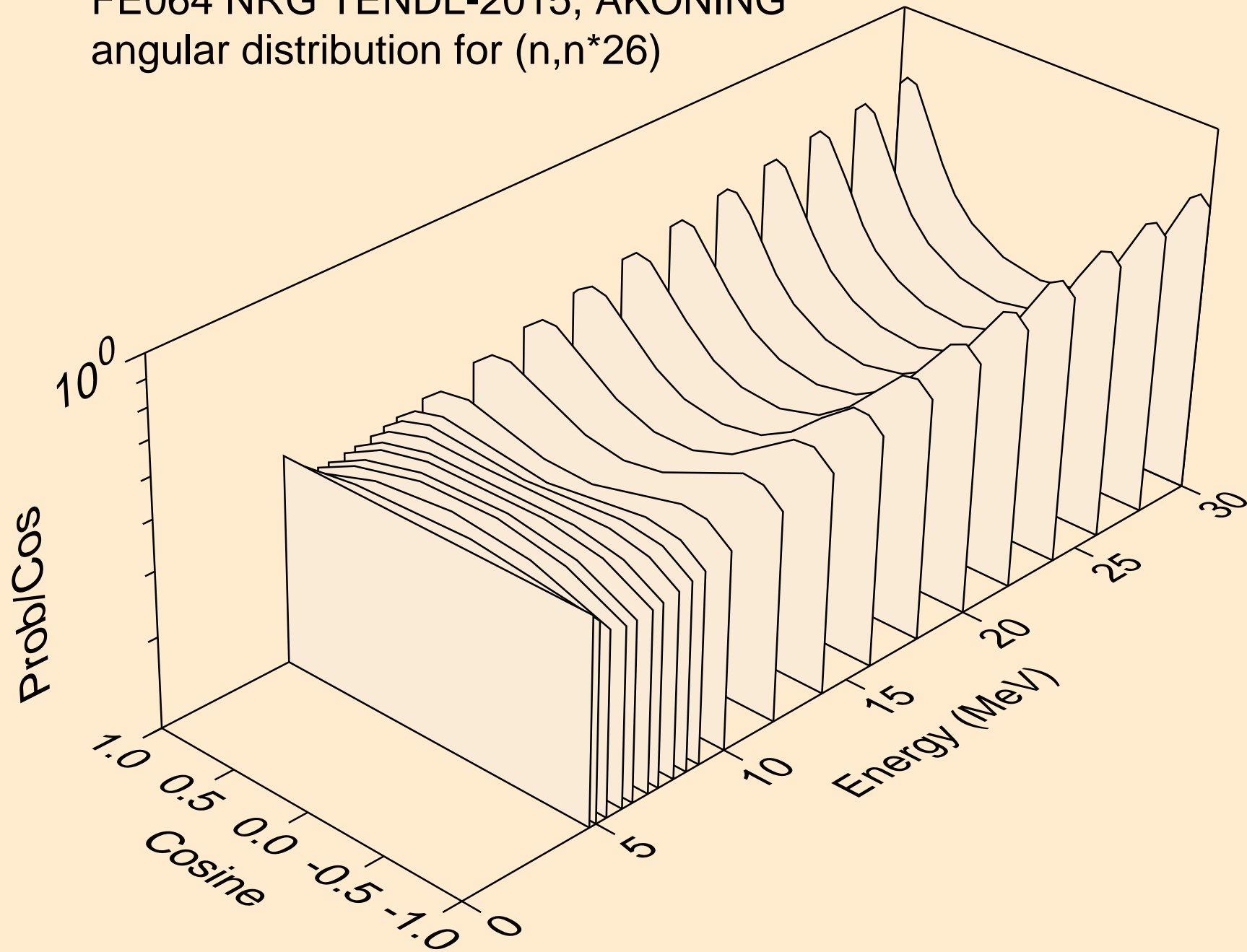




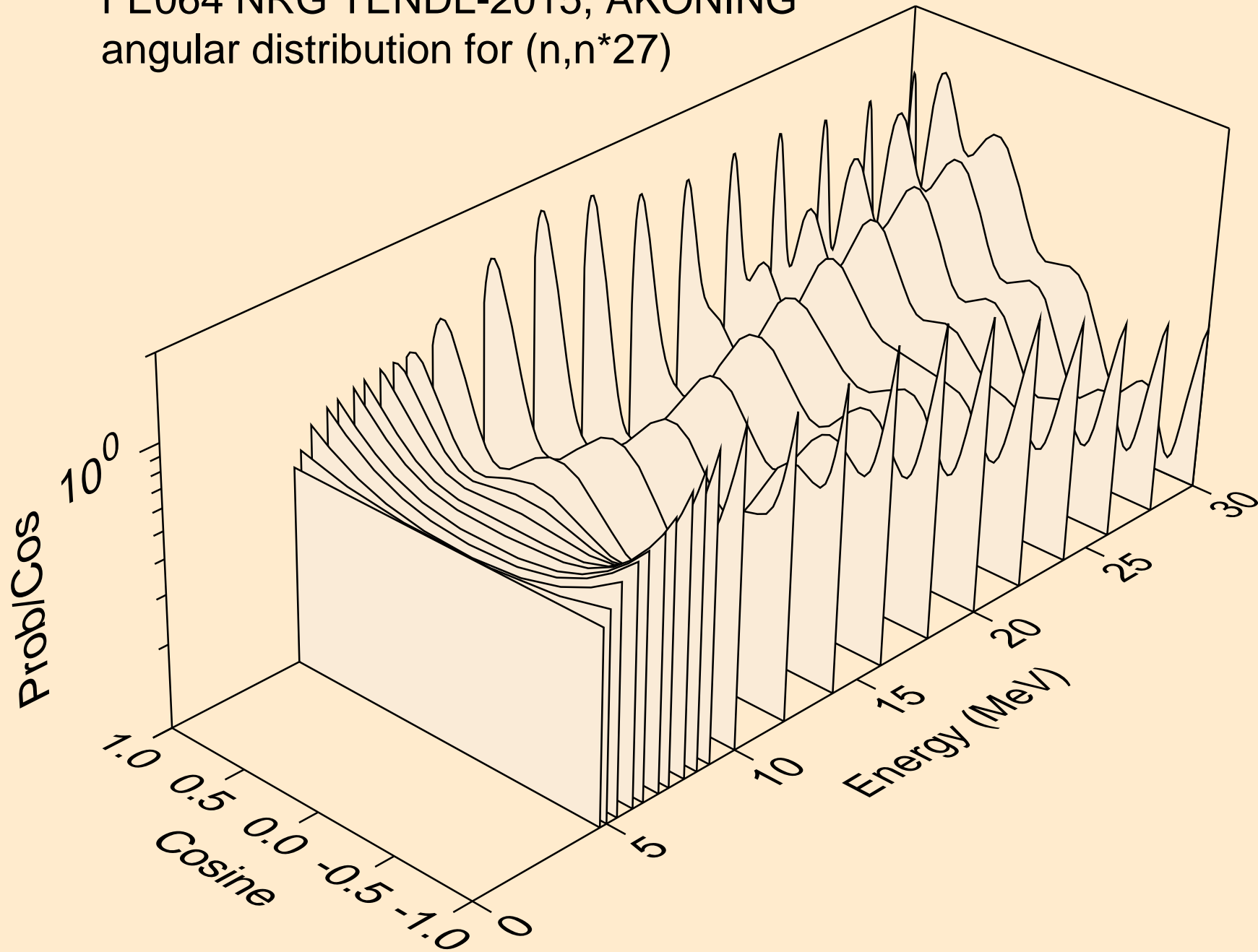
FE064 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



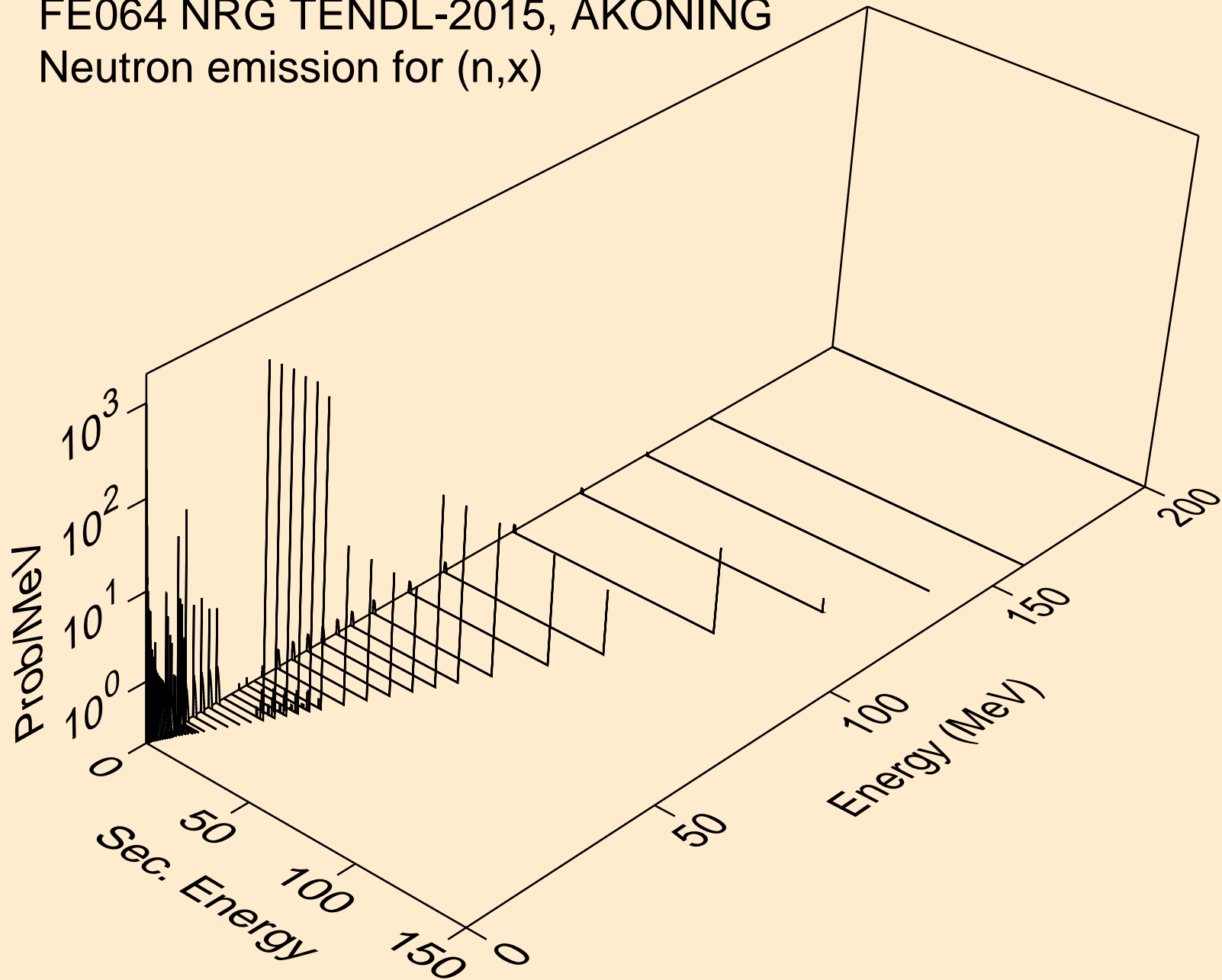
FE064 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



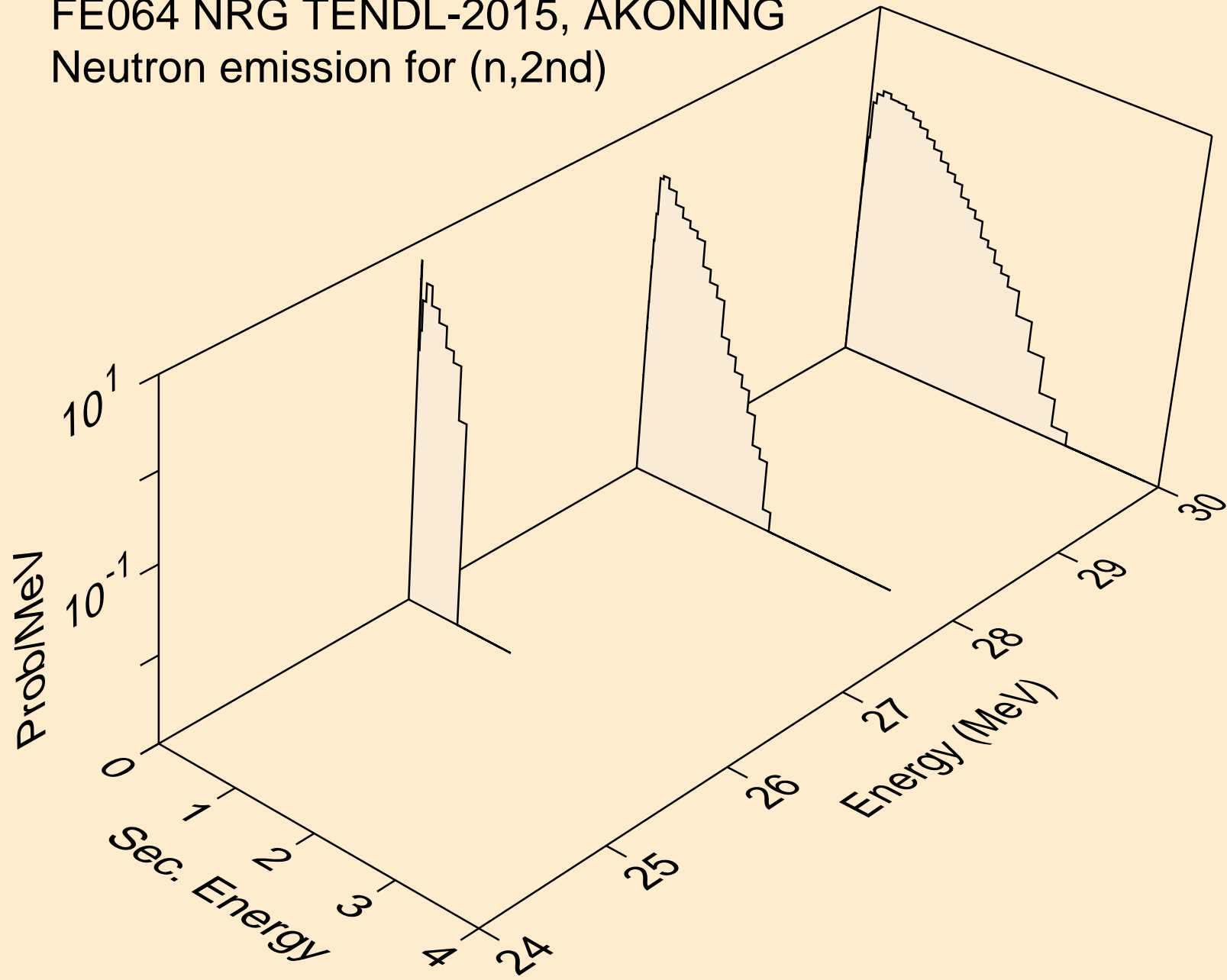
FE064 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



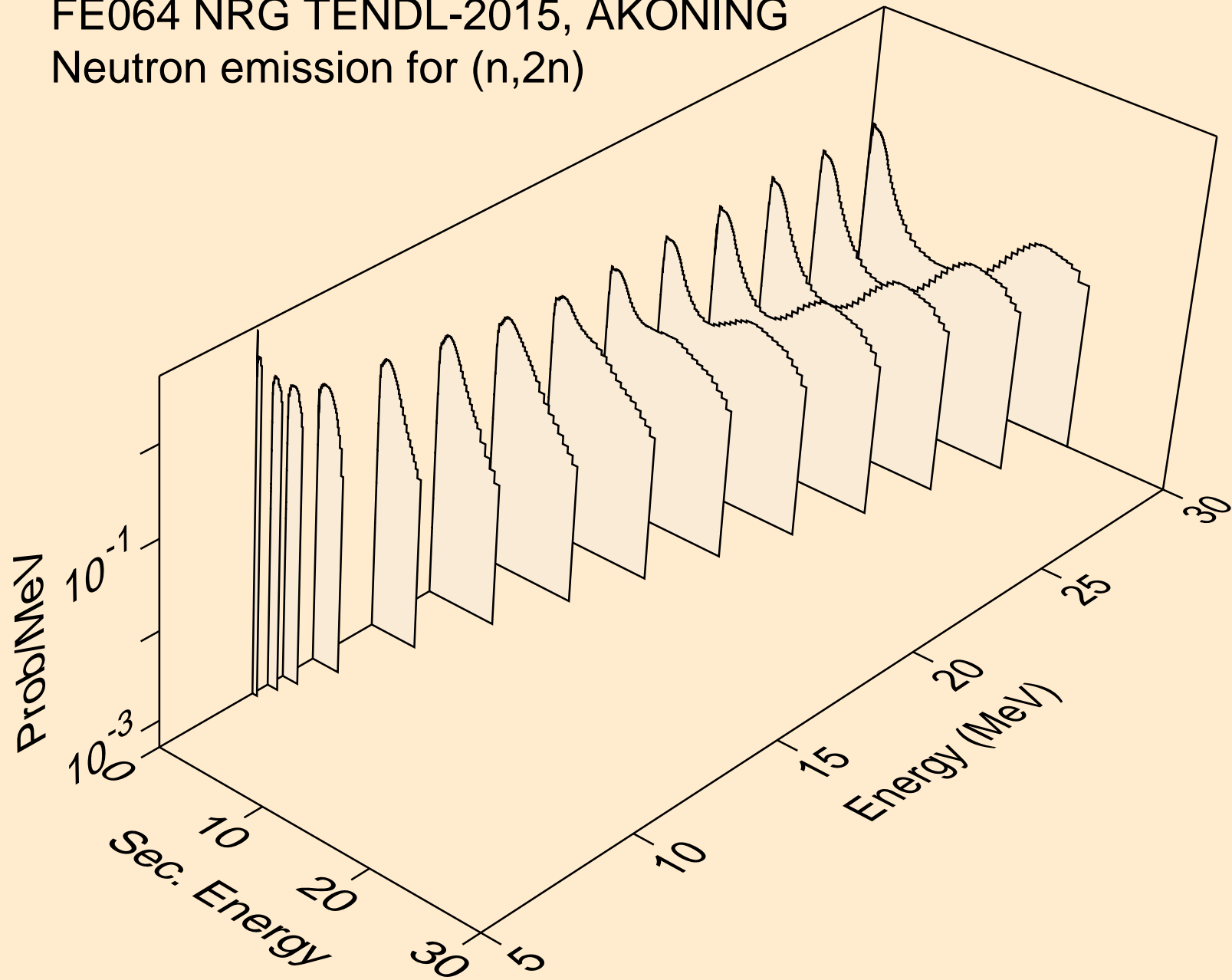
FE064 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



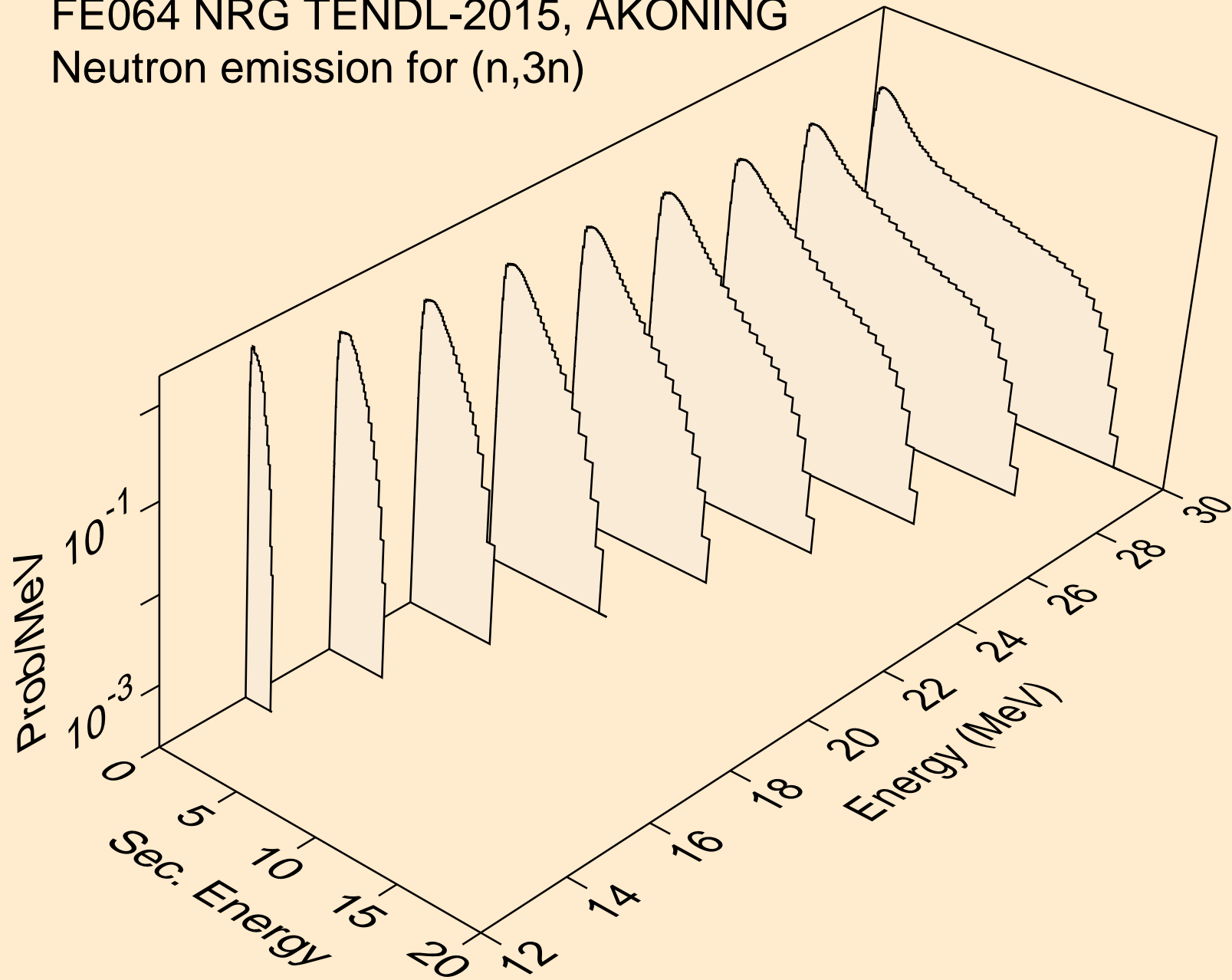
FE064 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



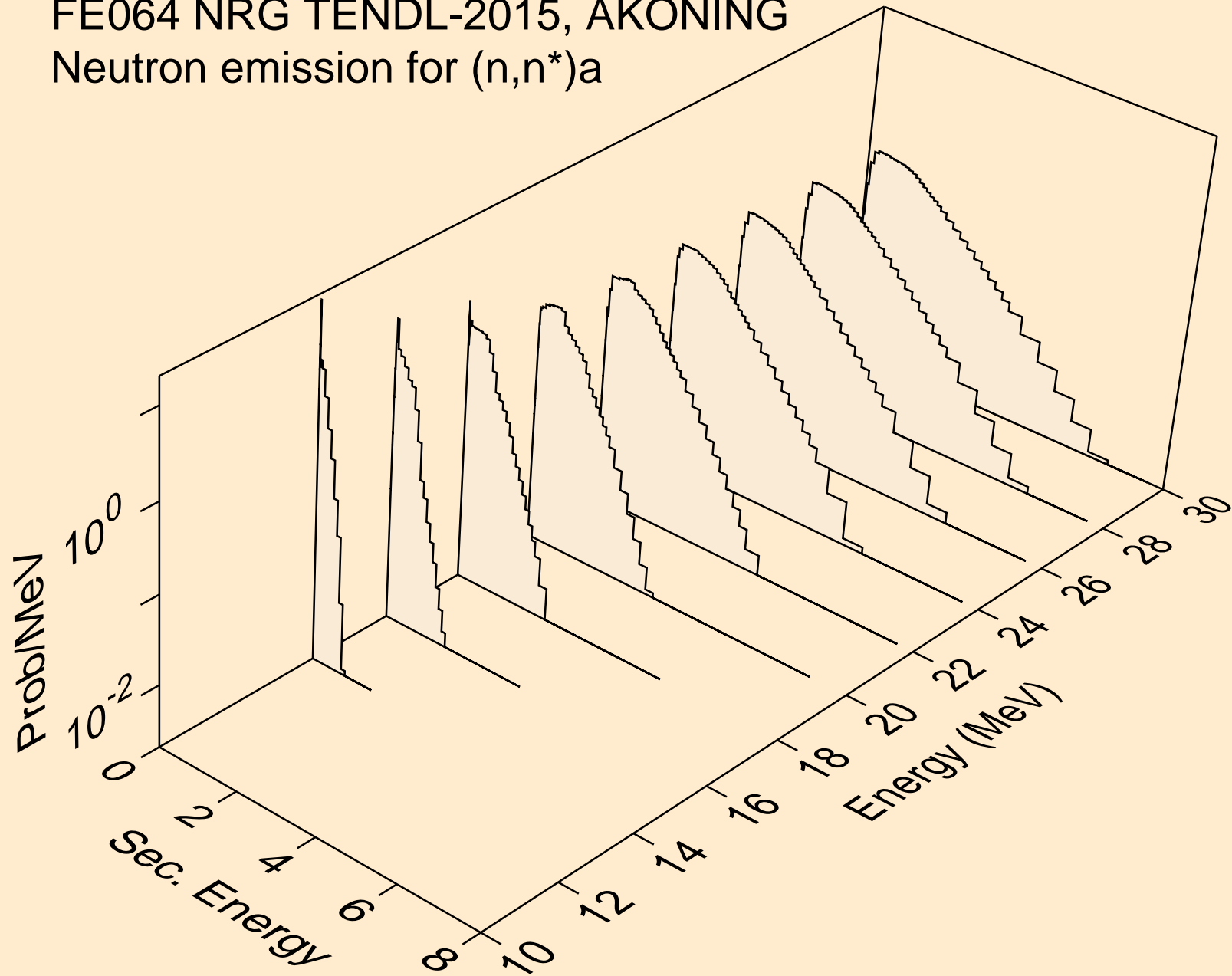
FE064 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



FE064 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)

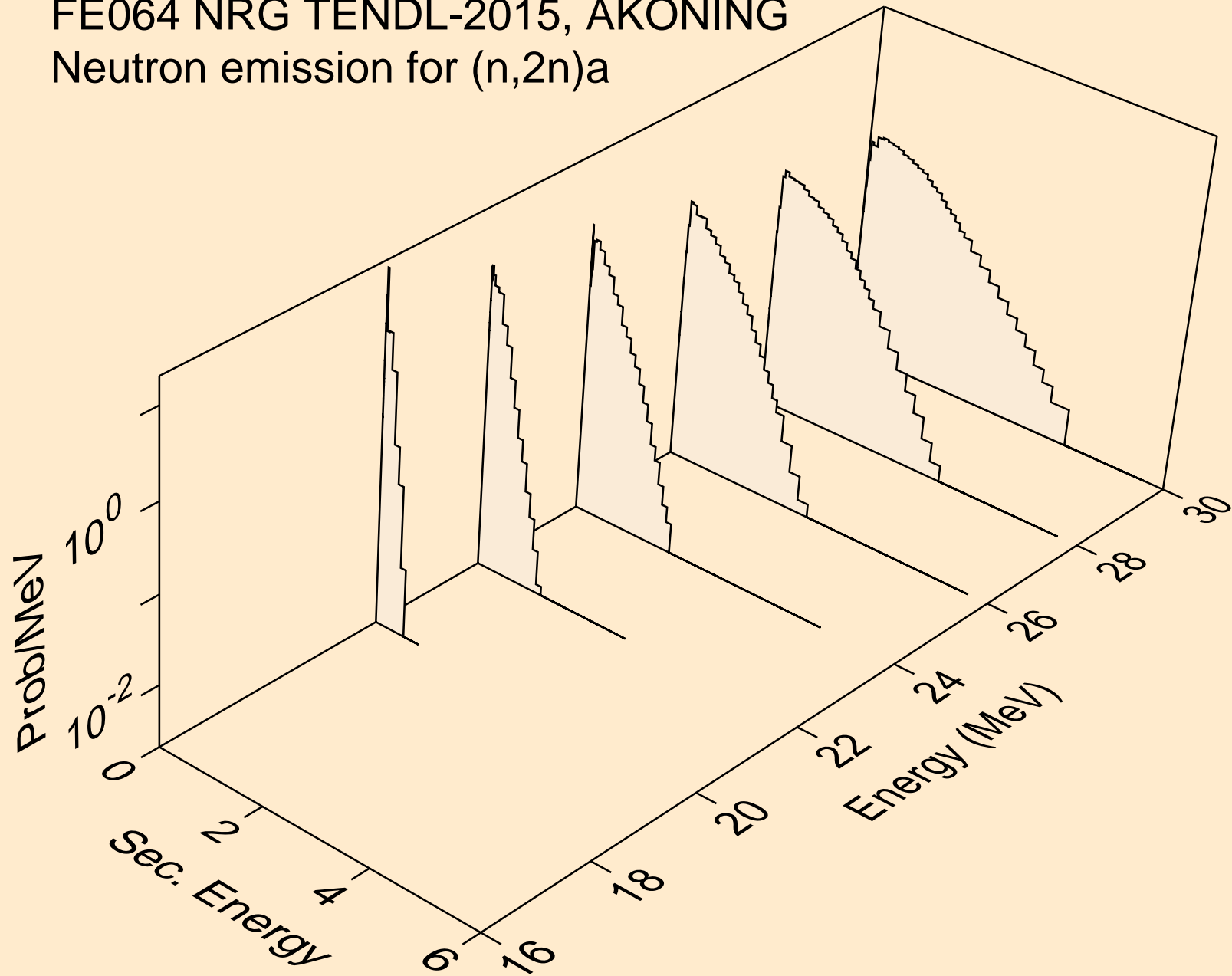


FE064 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a

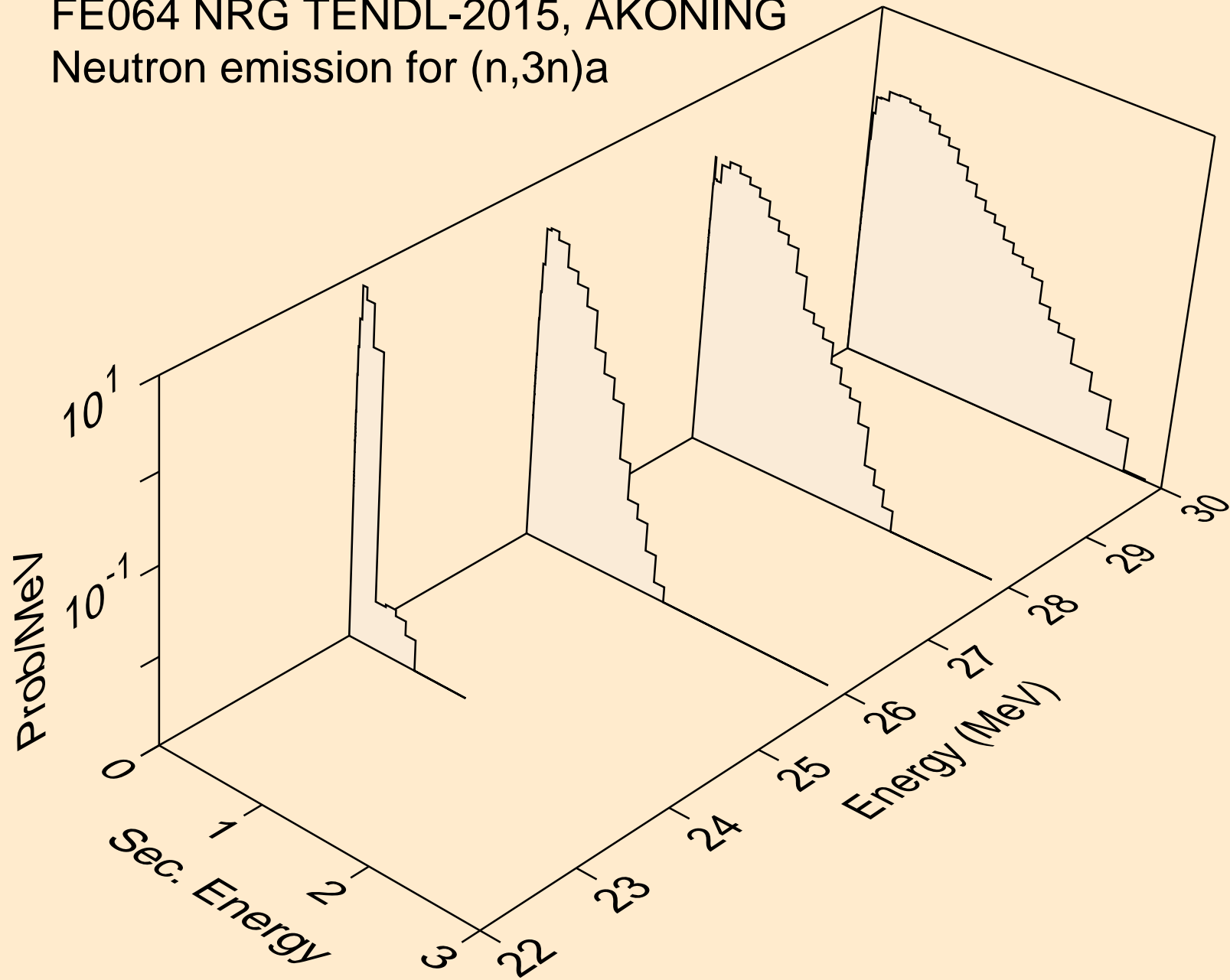




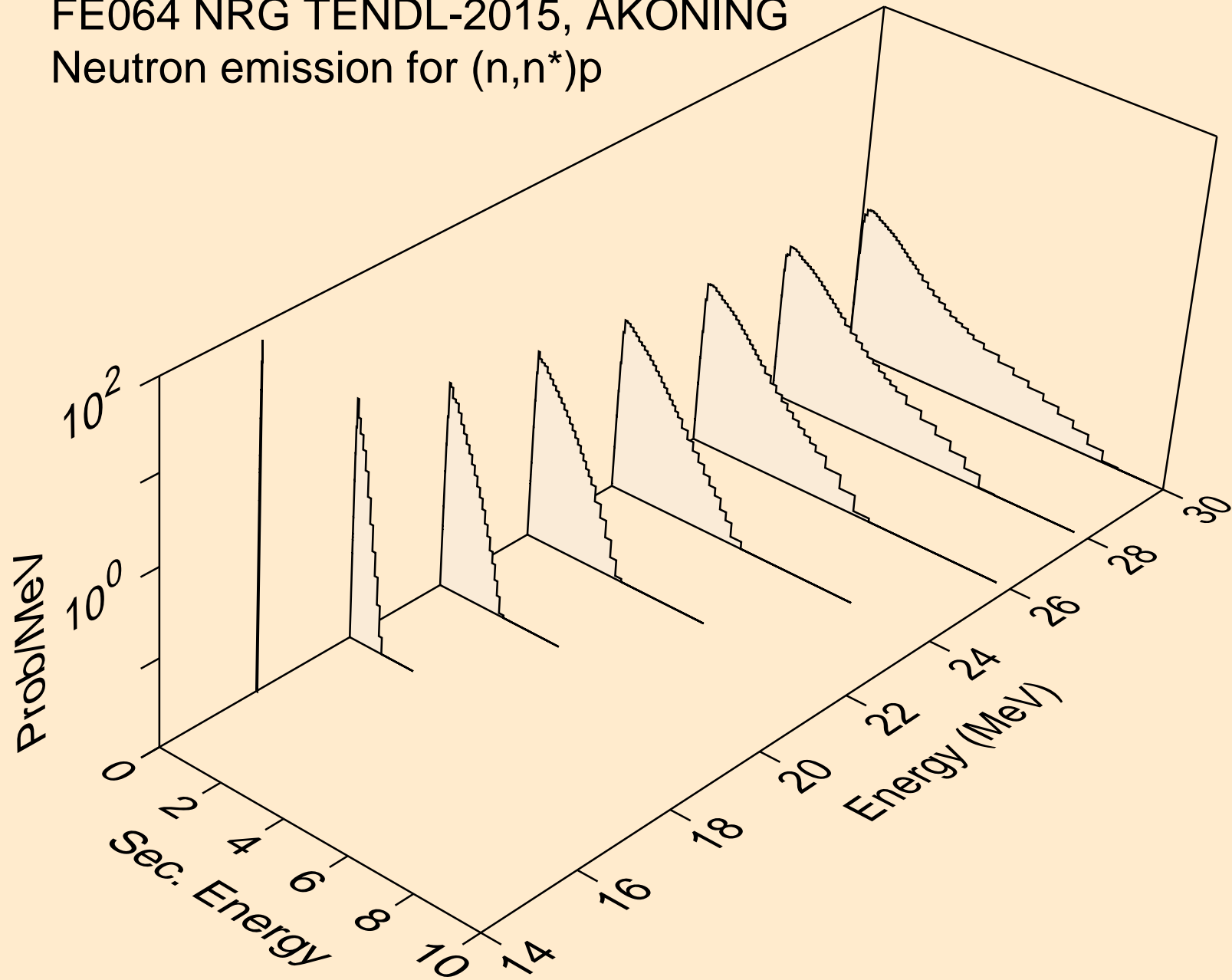
FE064 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



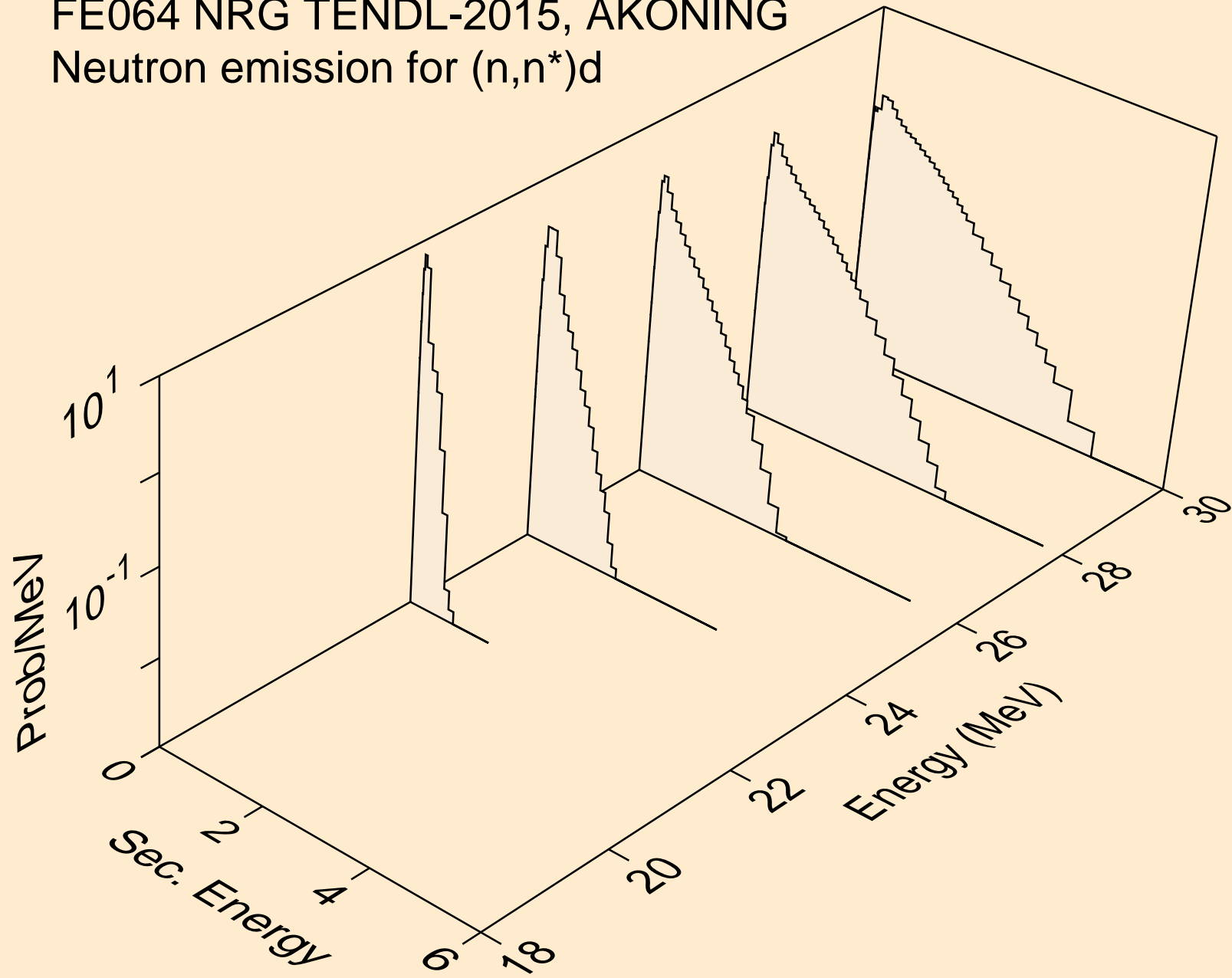
FE064 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



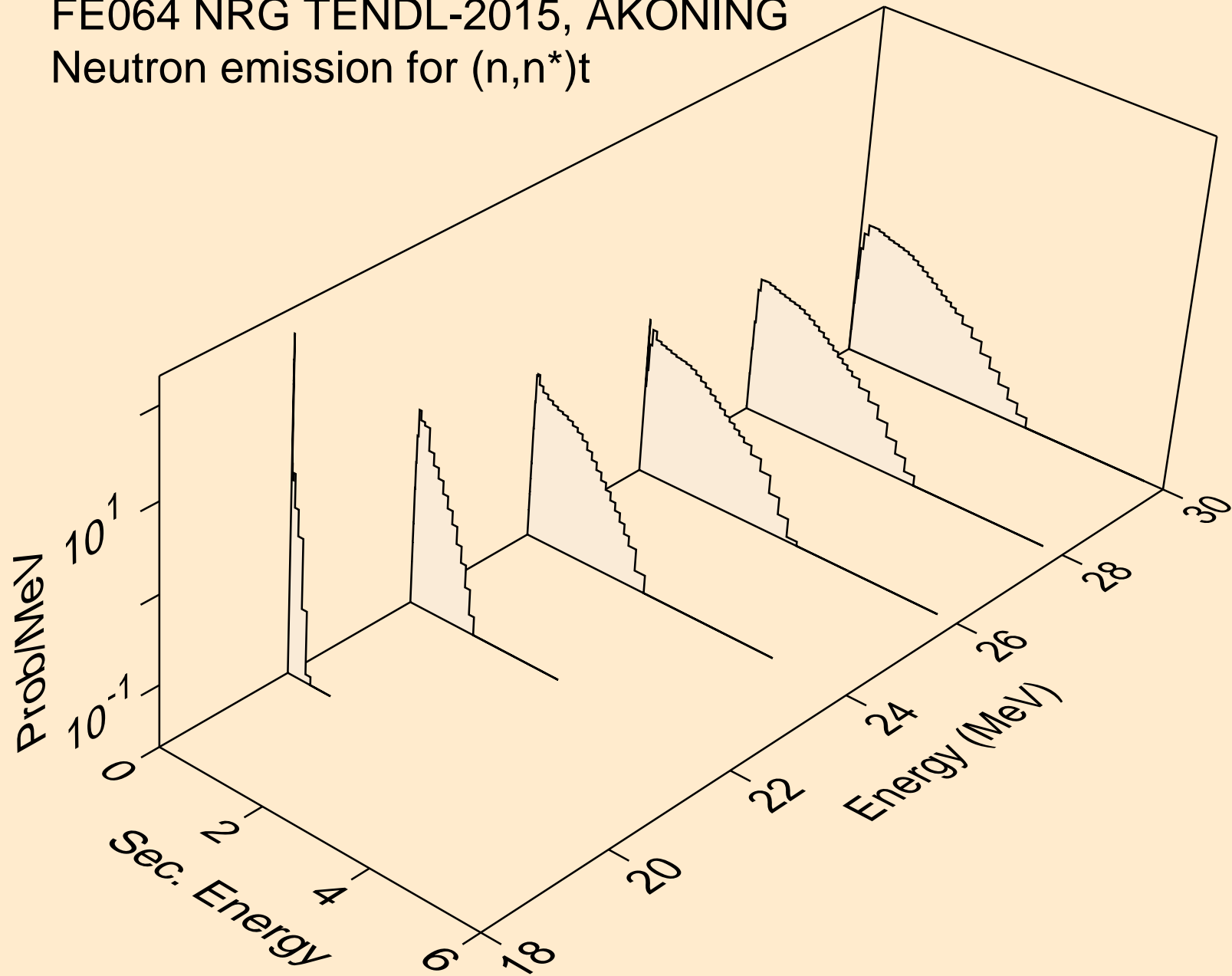
FE064 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



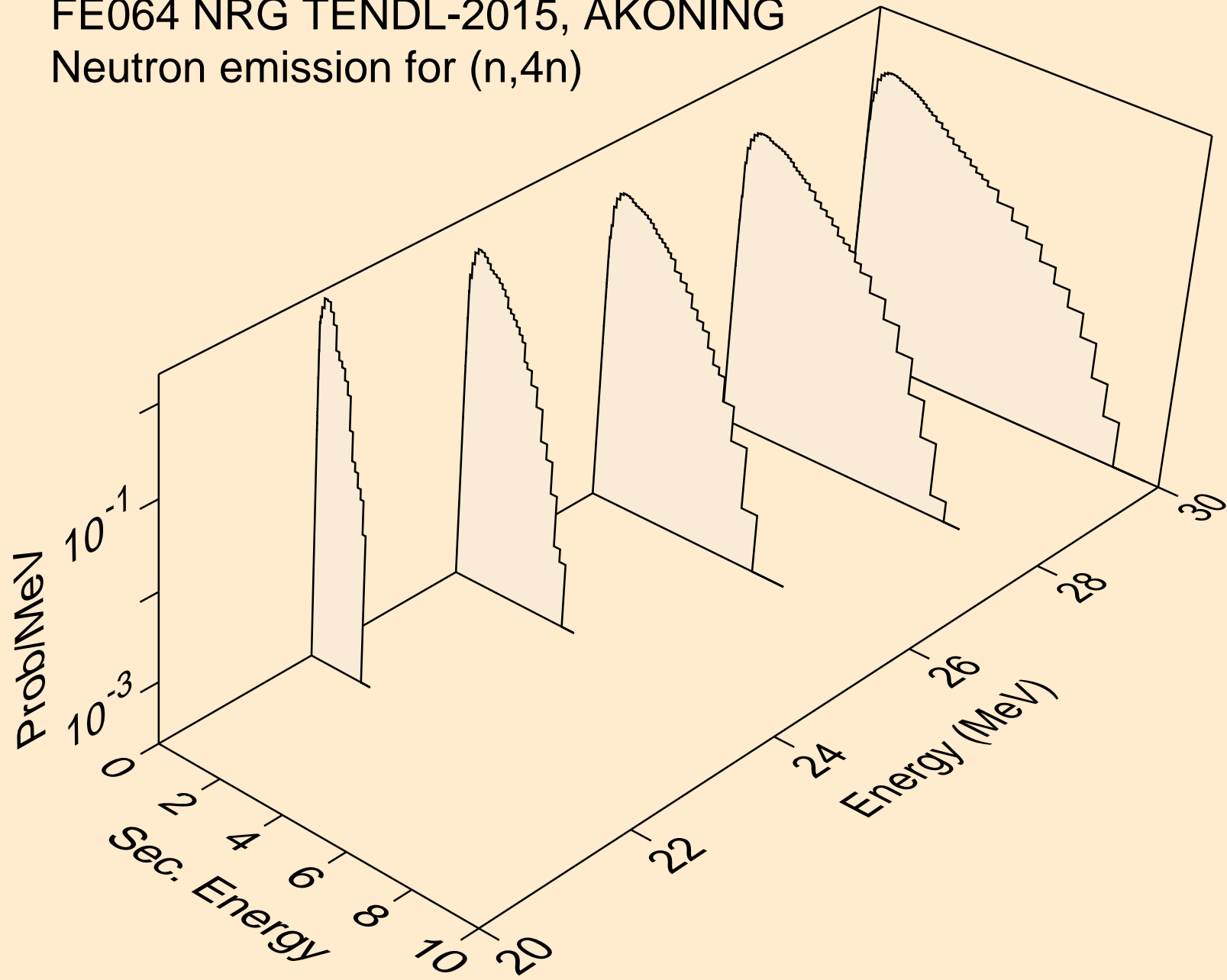
FE064 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



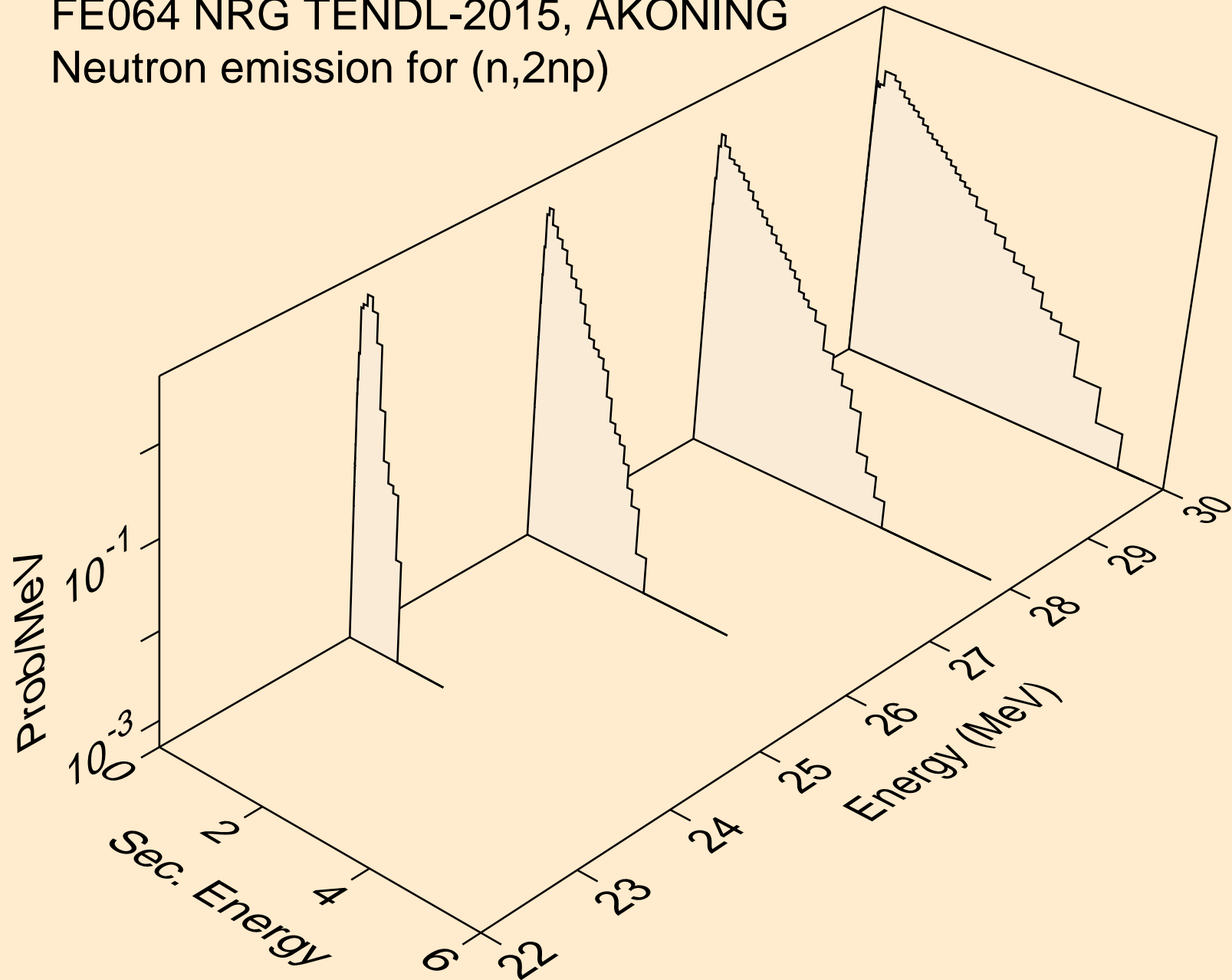
FE064 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



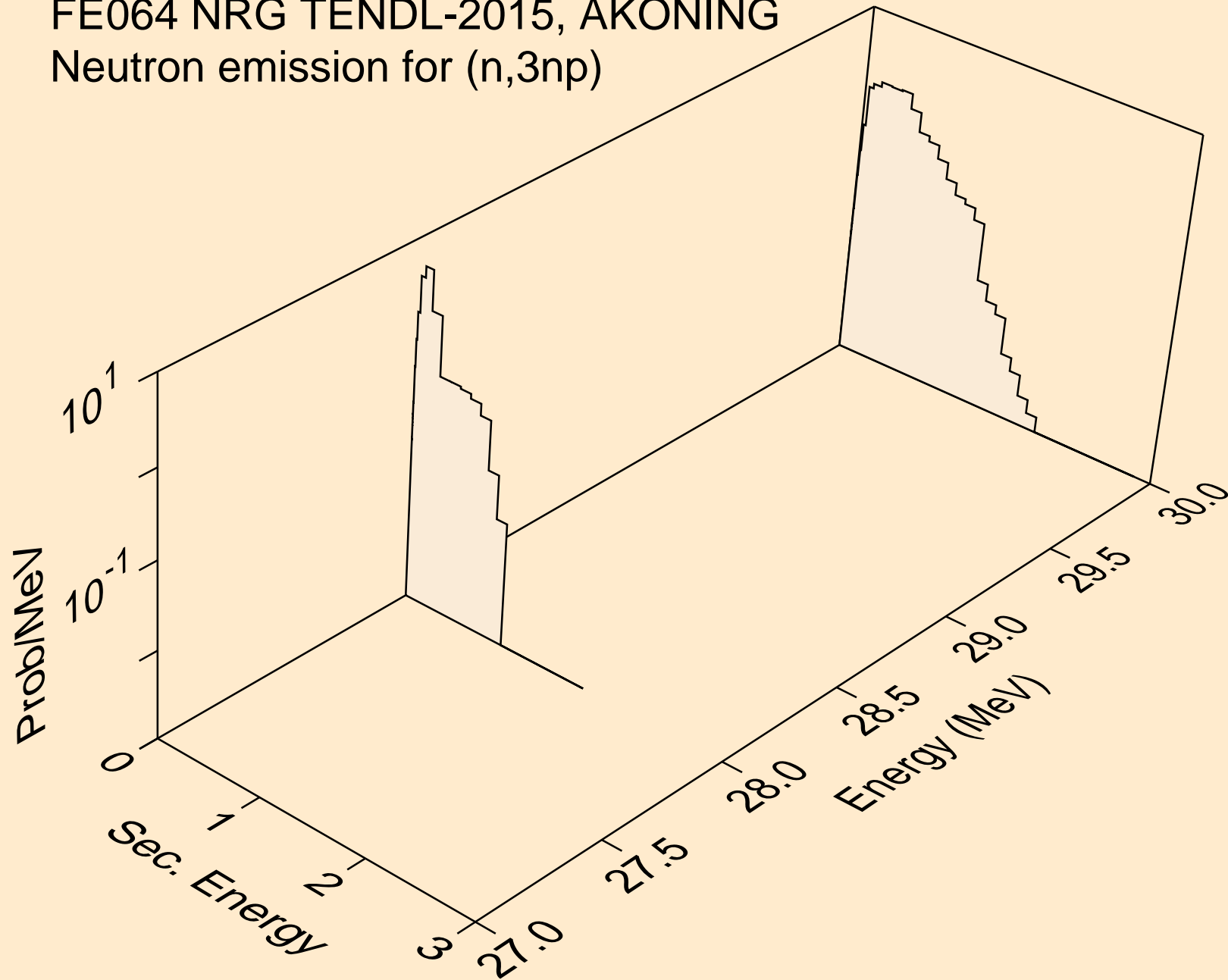
FE064 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



FE064 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

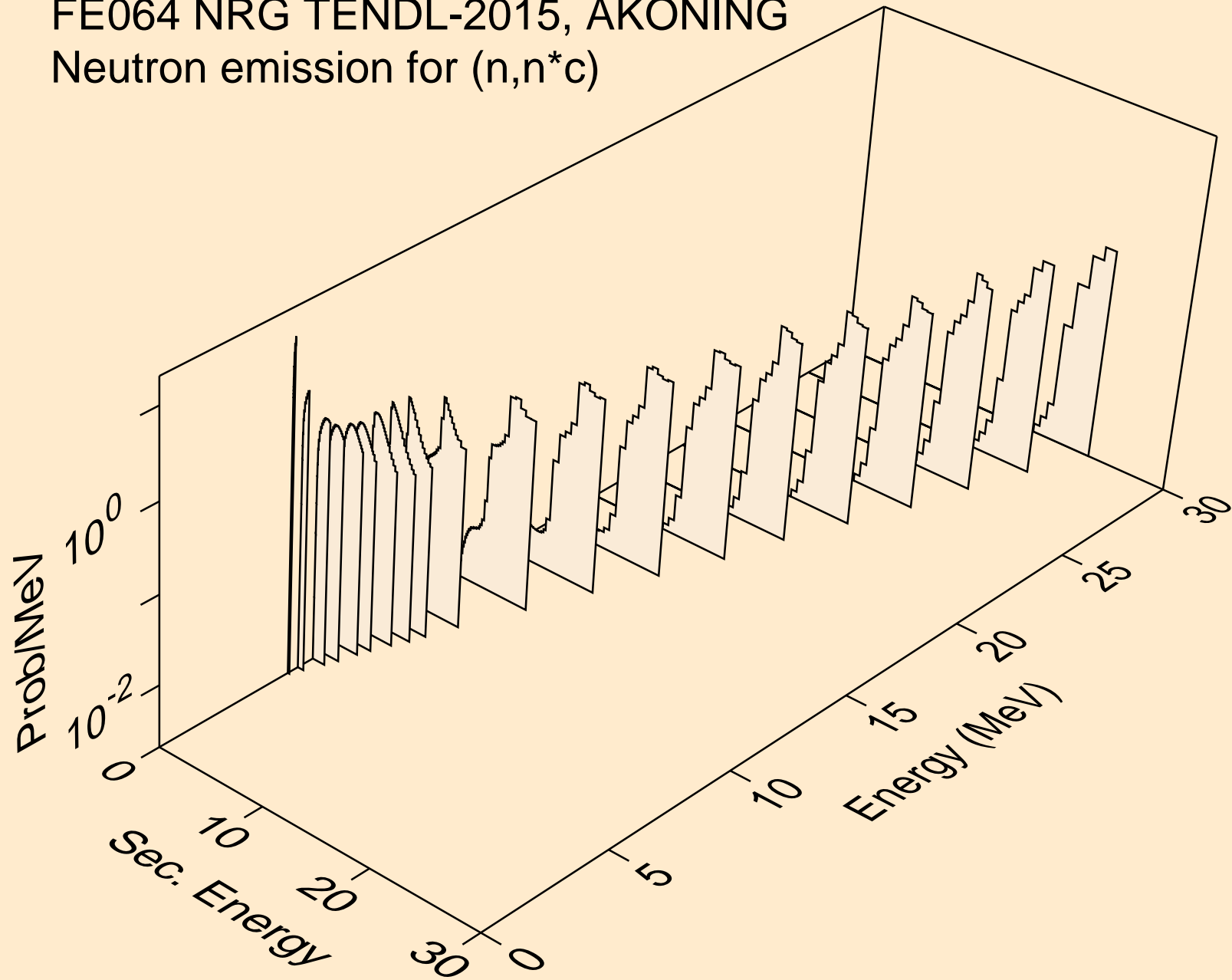


FE064 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

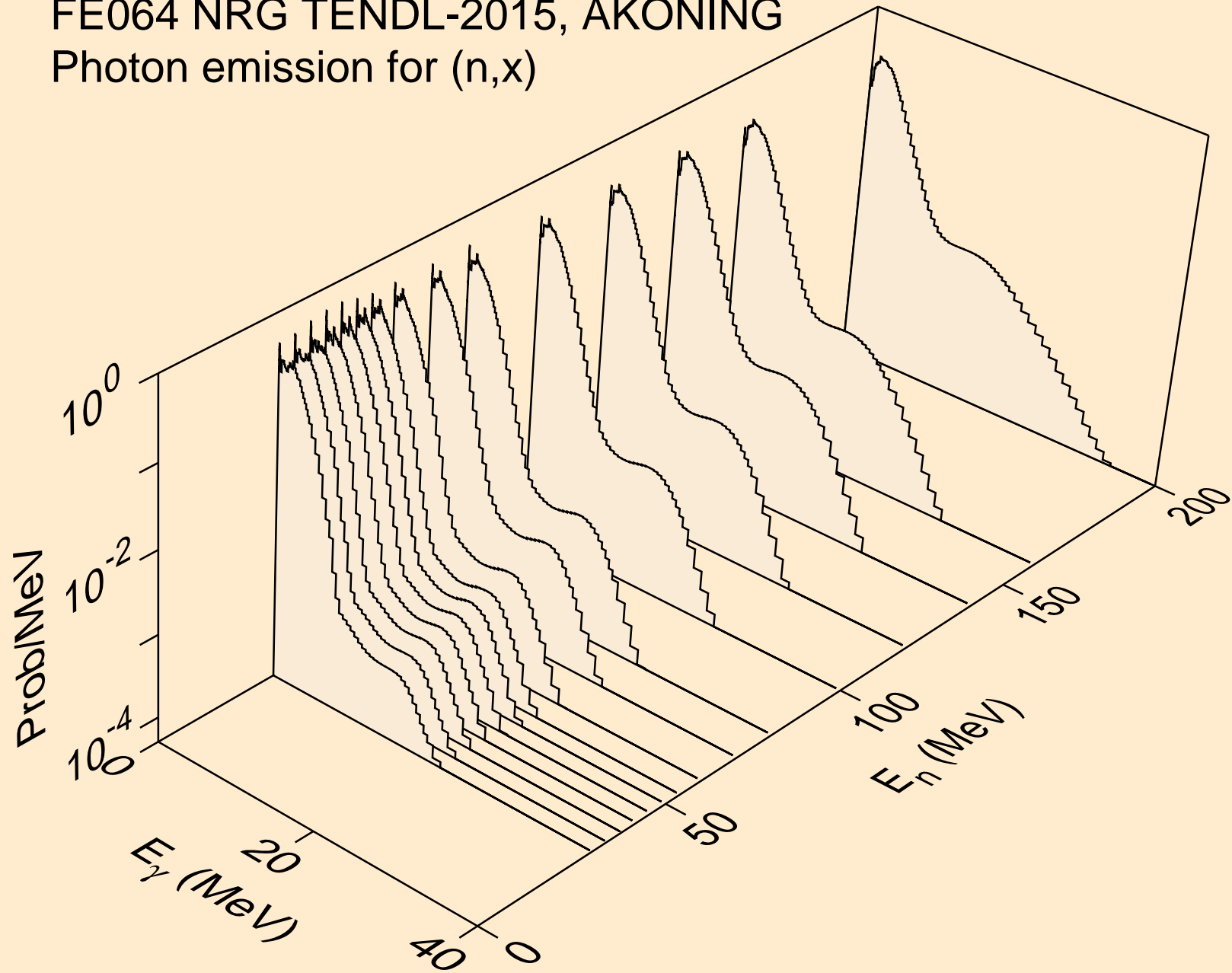




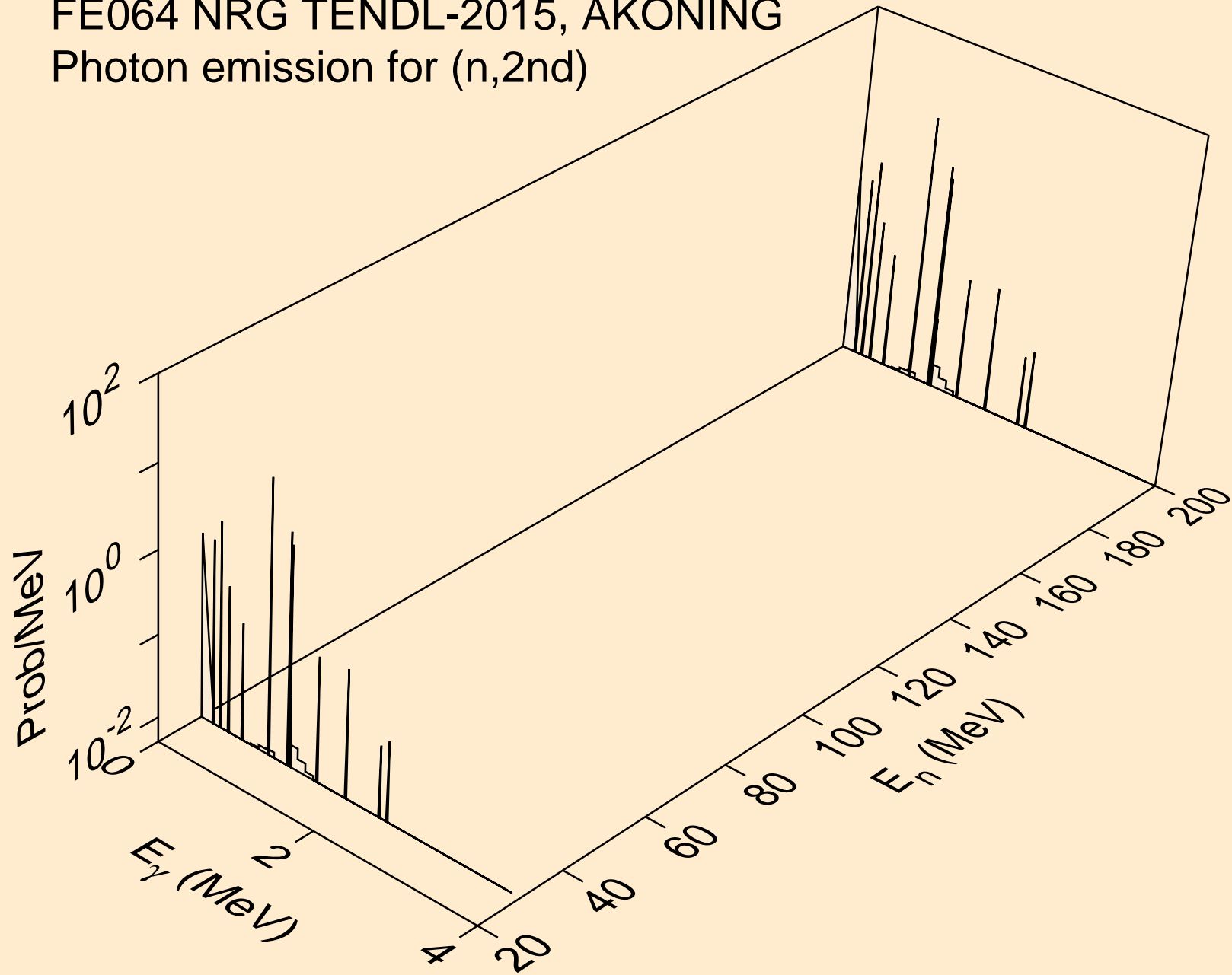
FE064 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



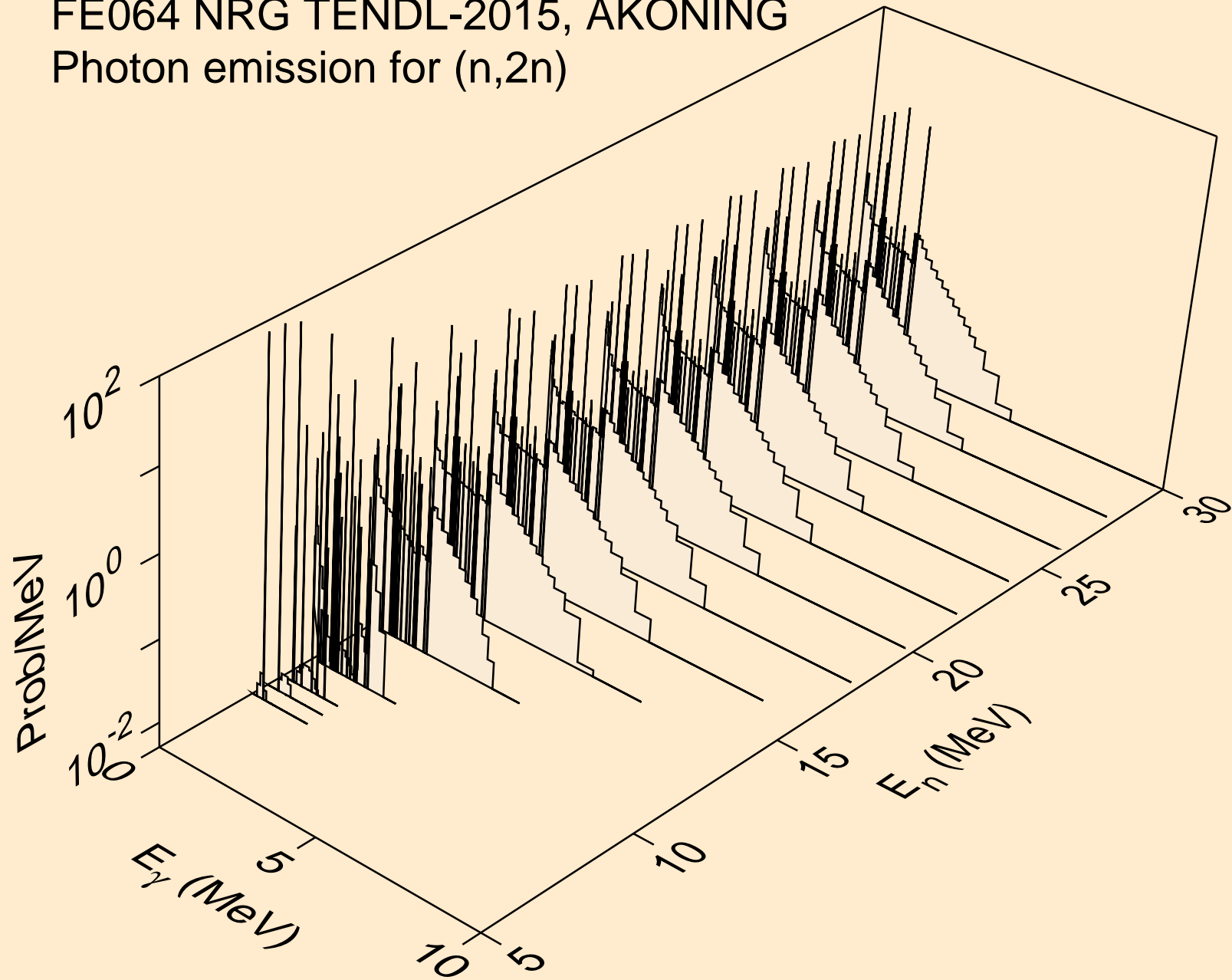
FE064 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



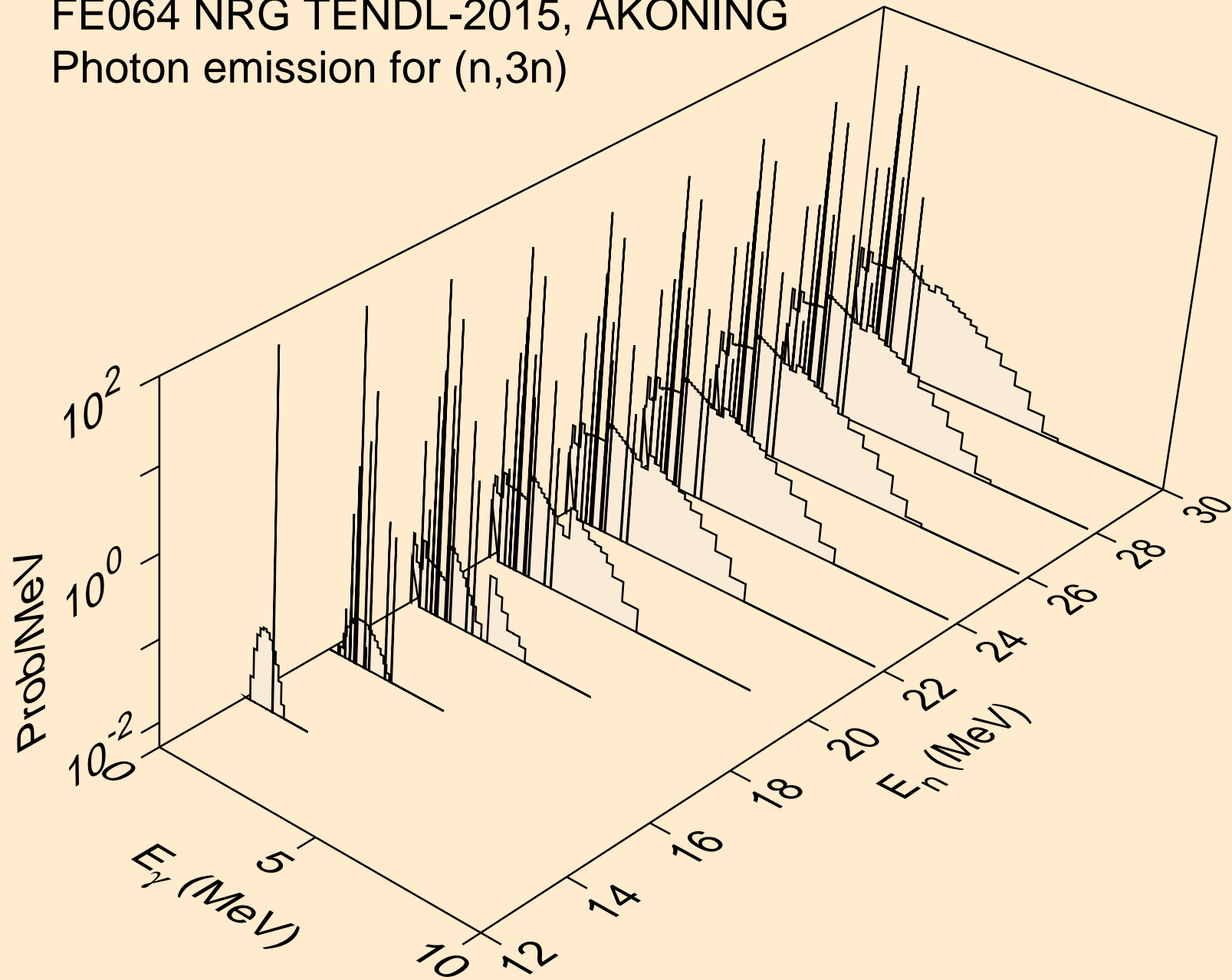
FE064 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



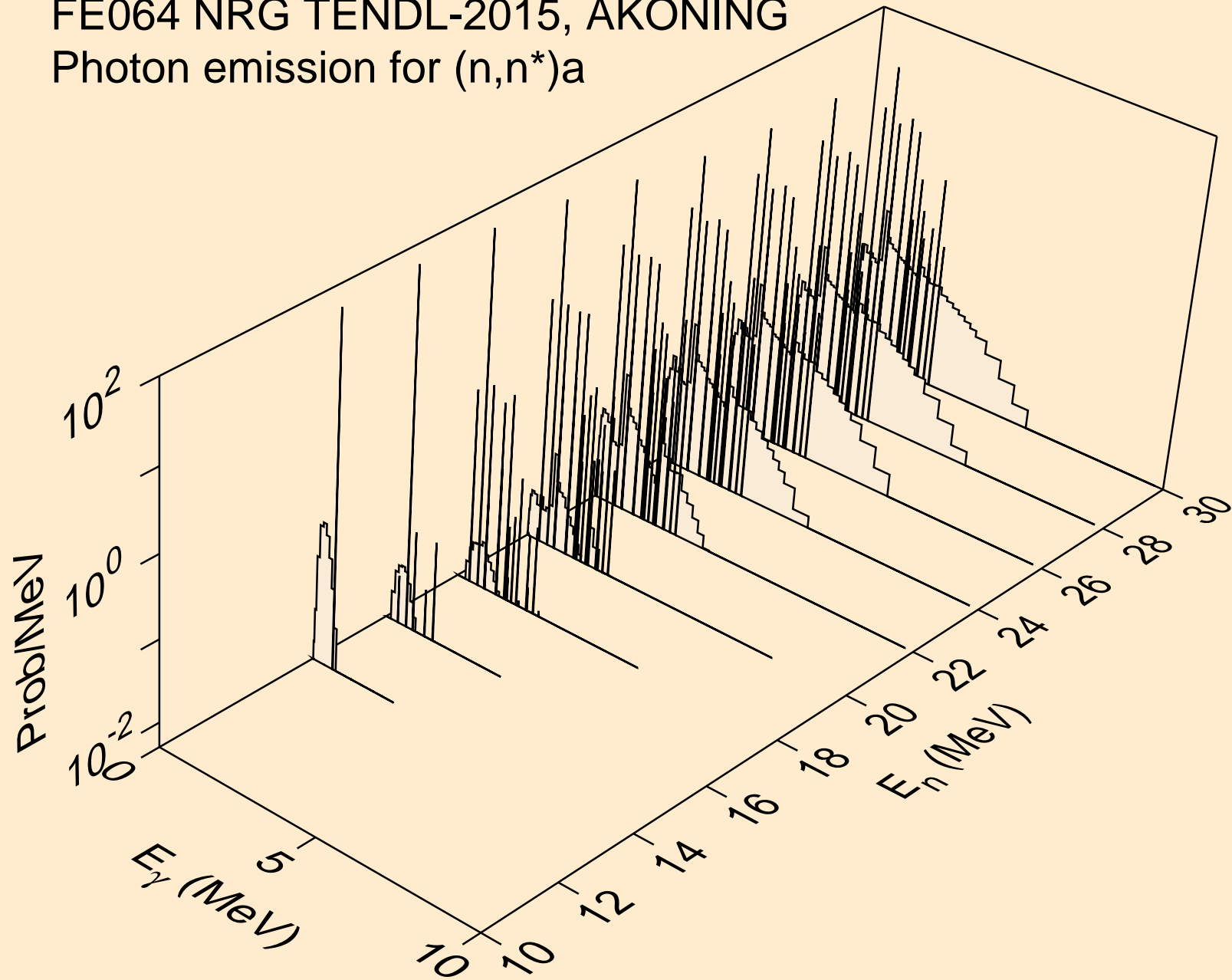
FE064 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



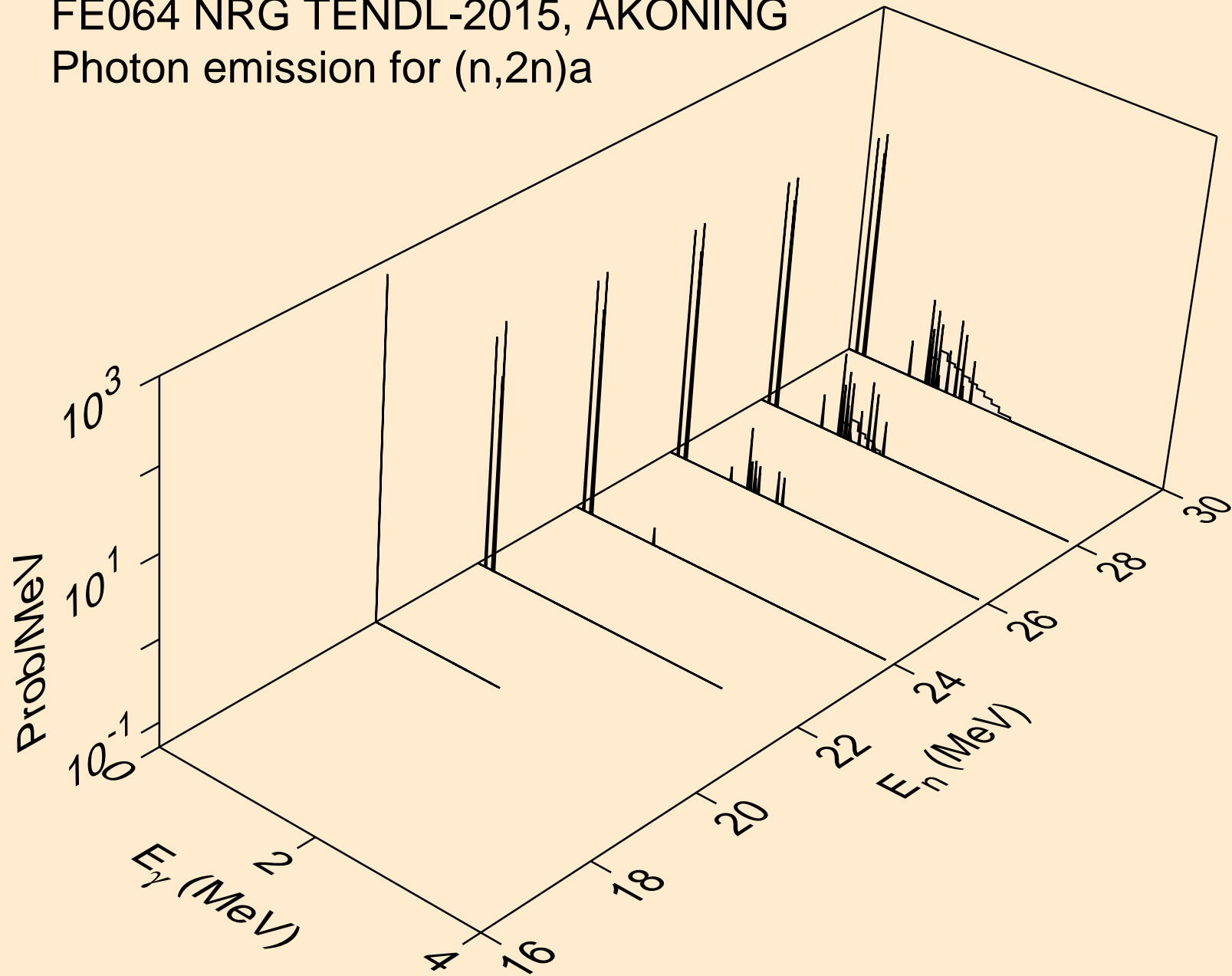
FE064 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



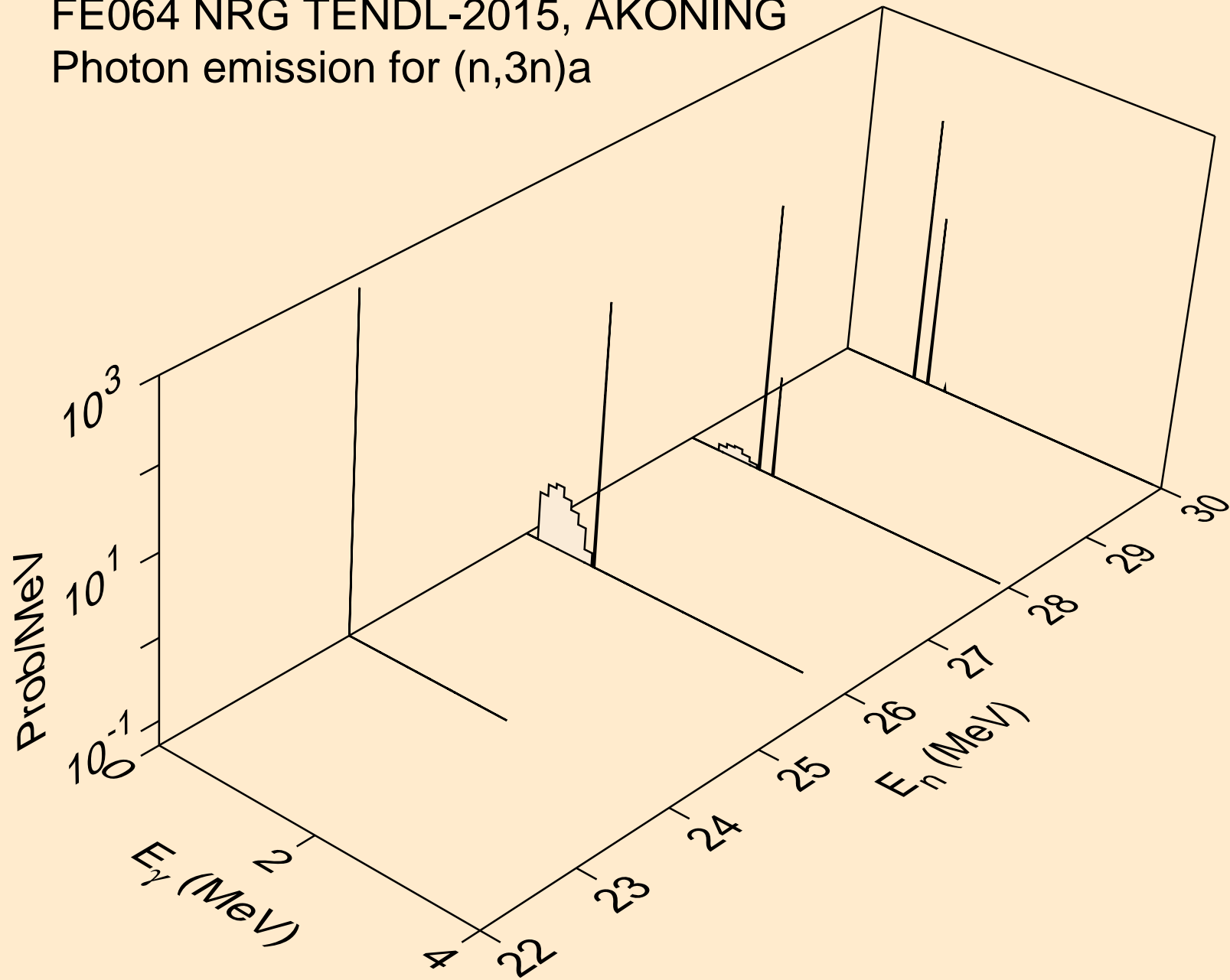
FE064 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



FE064 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

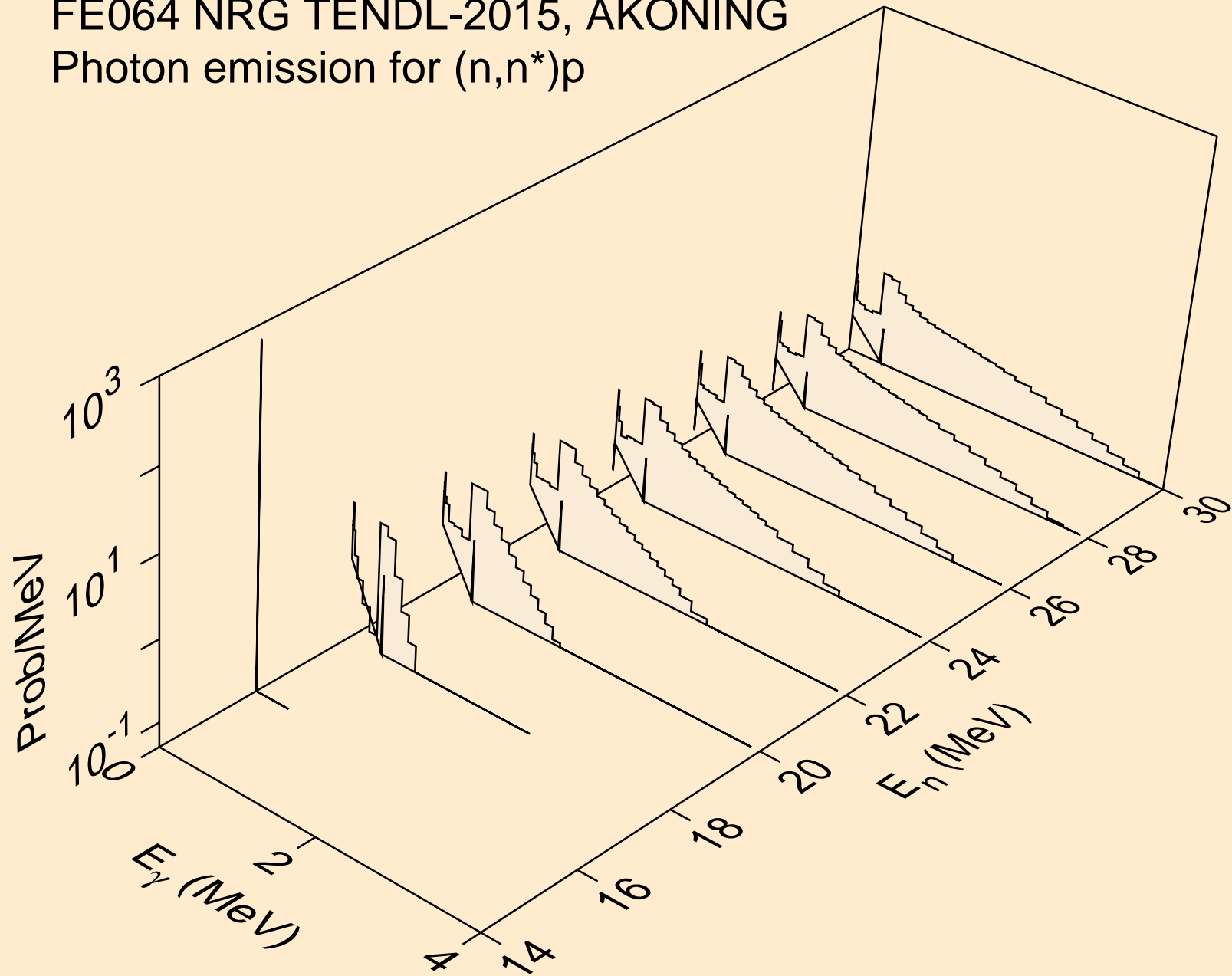


FE064 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

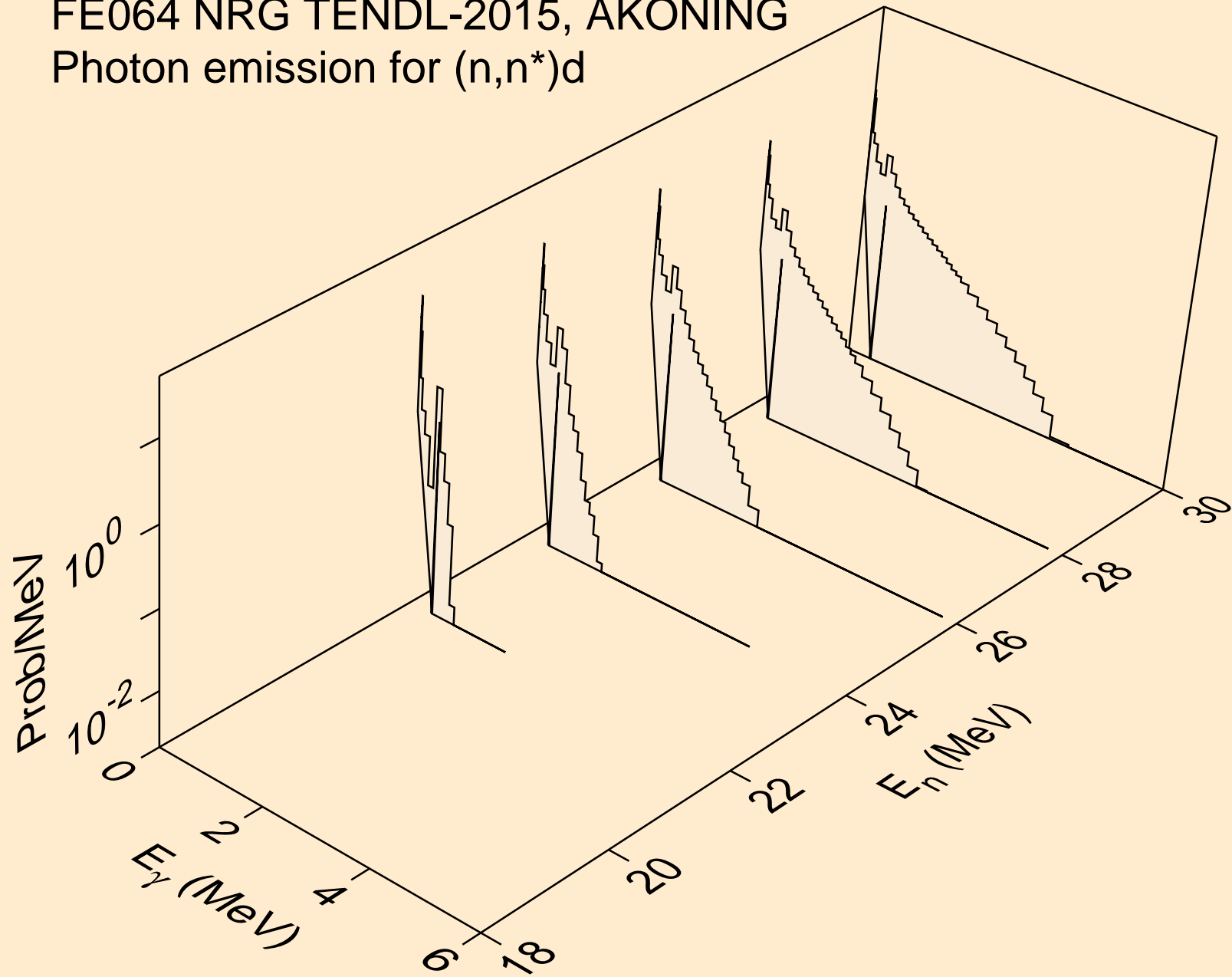




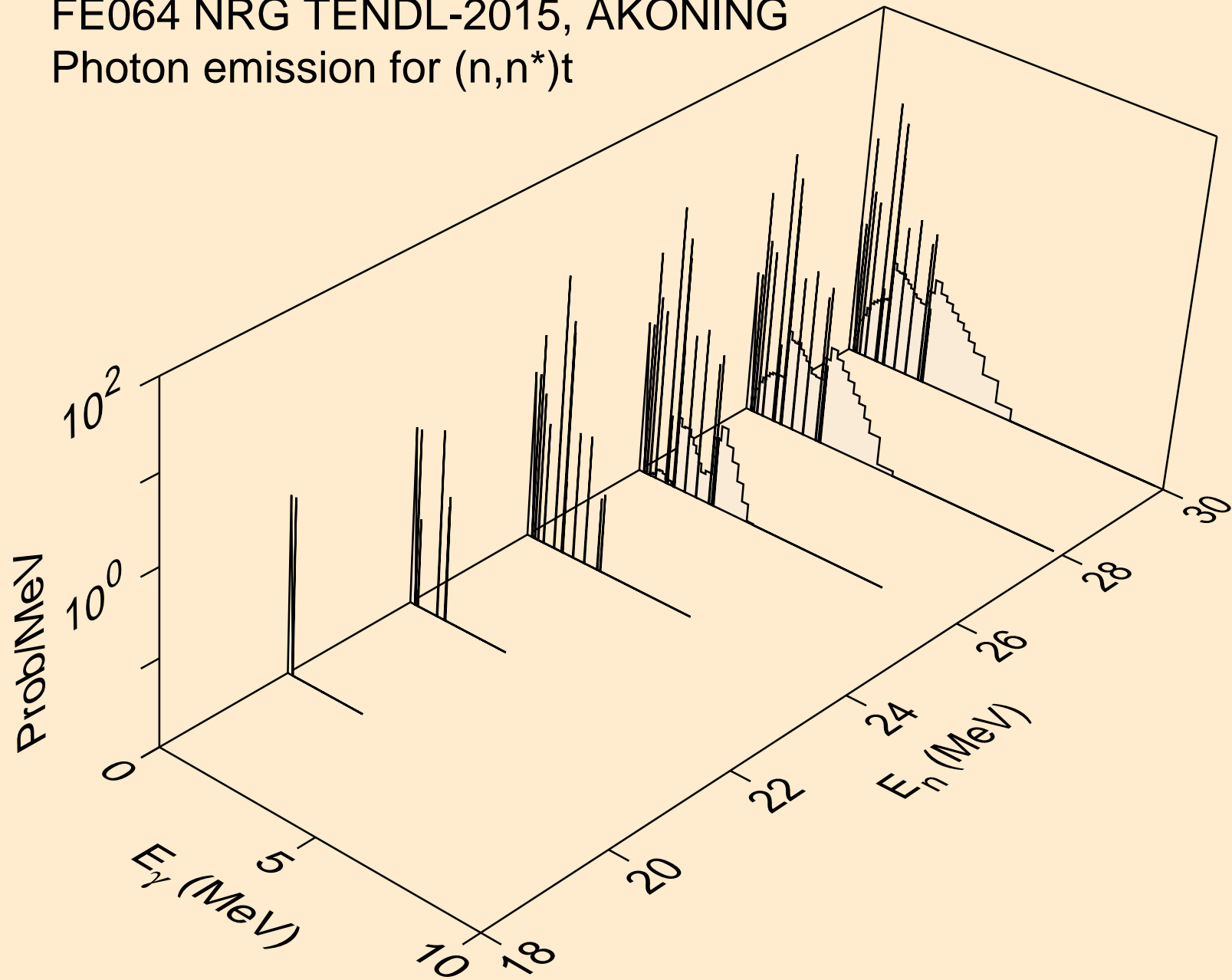
FE064 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



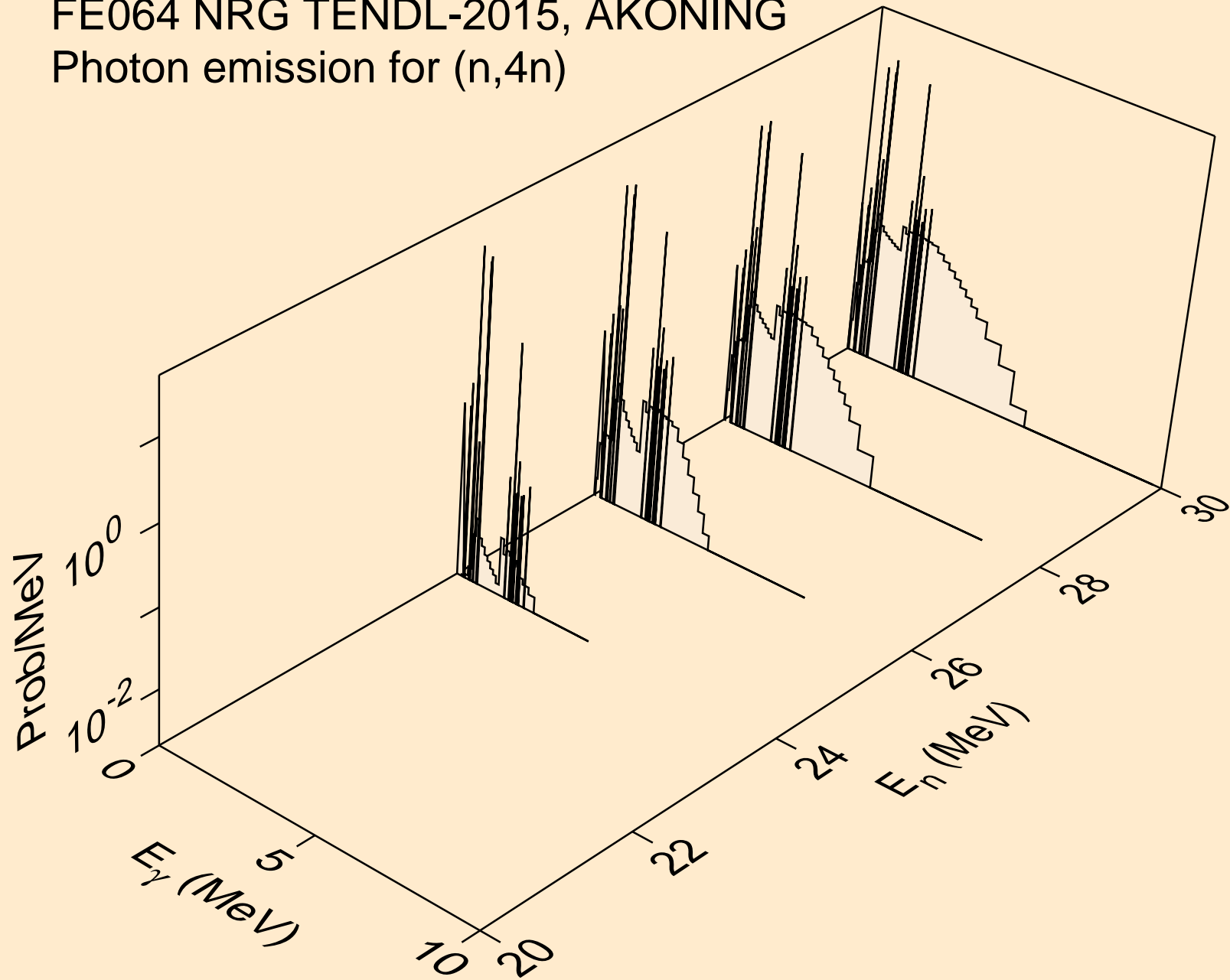
FE064 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



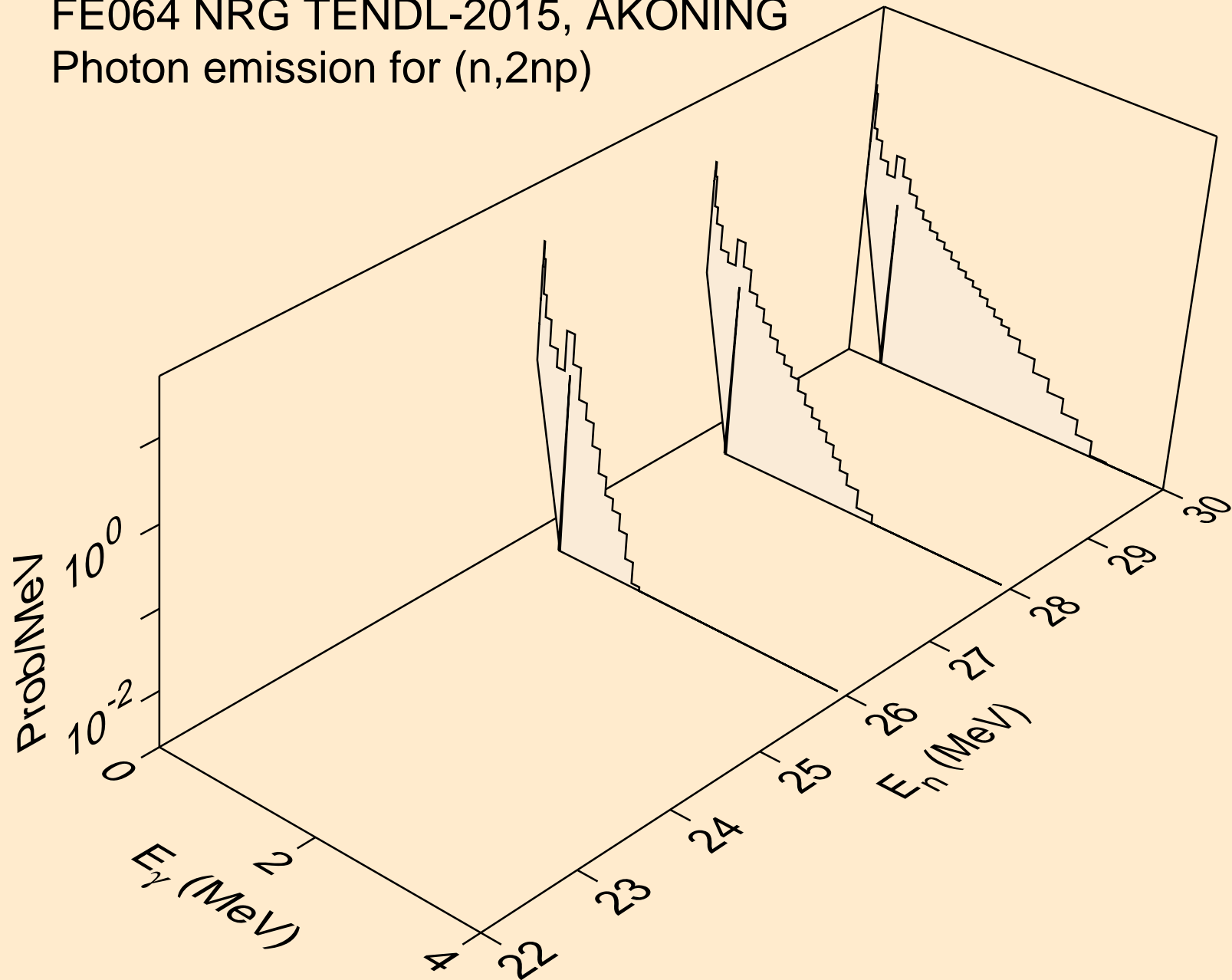
FE064 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



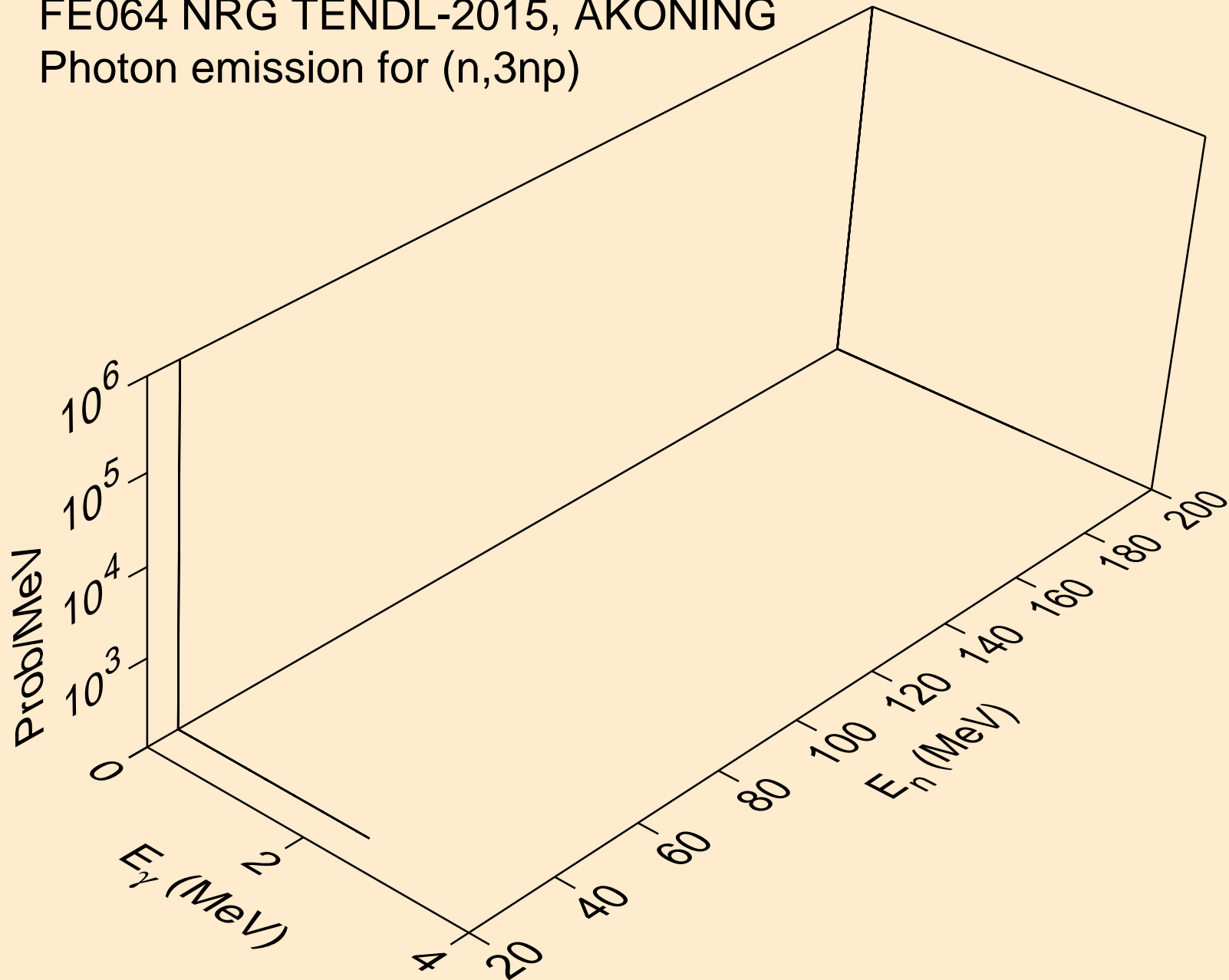
FE064 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



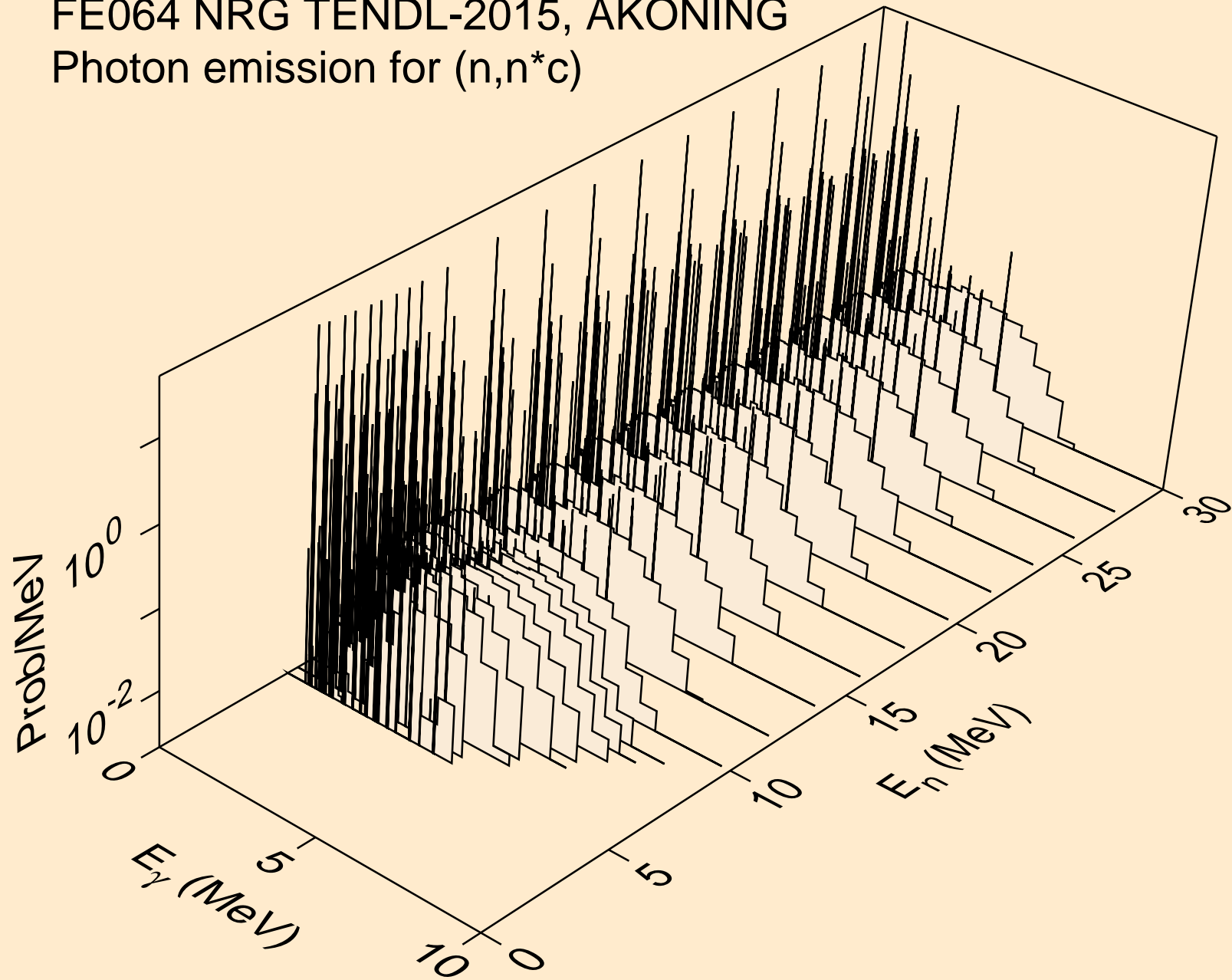
FE064 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



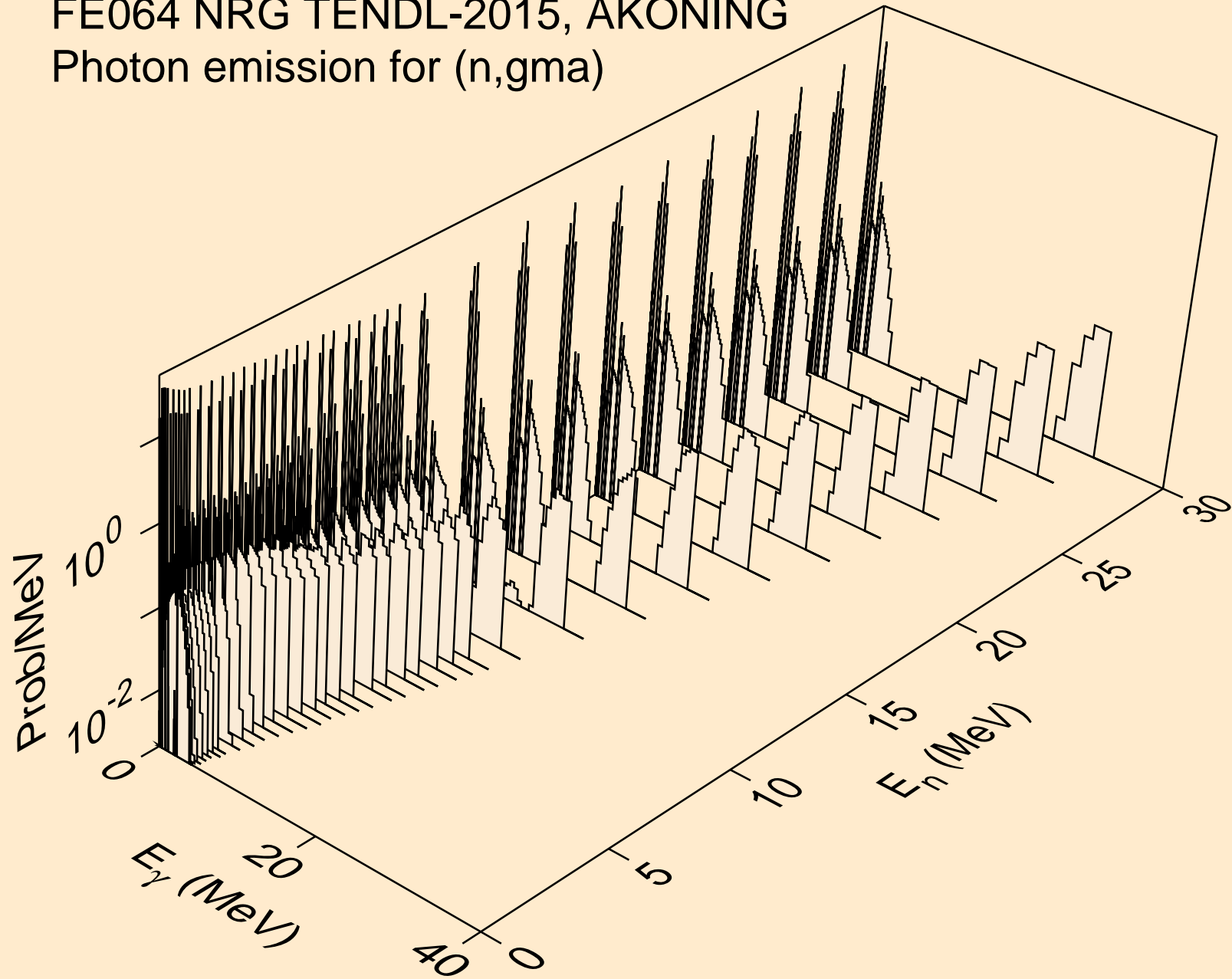
FE064 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



FE064 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

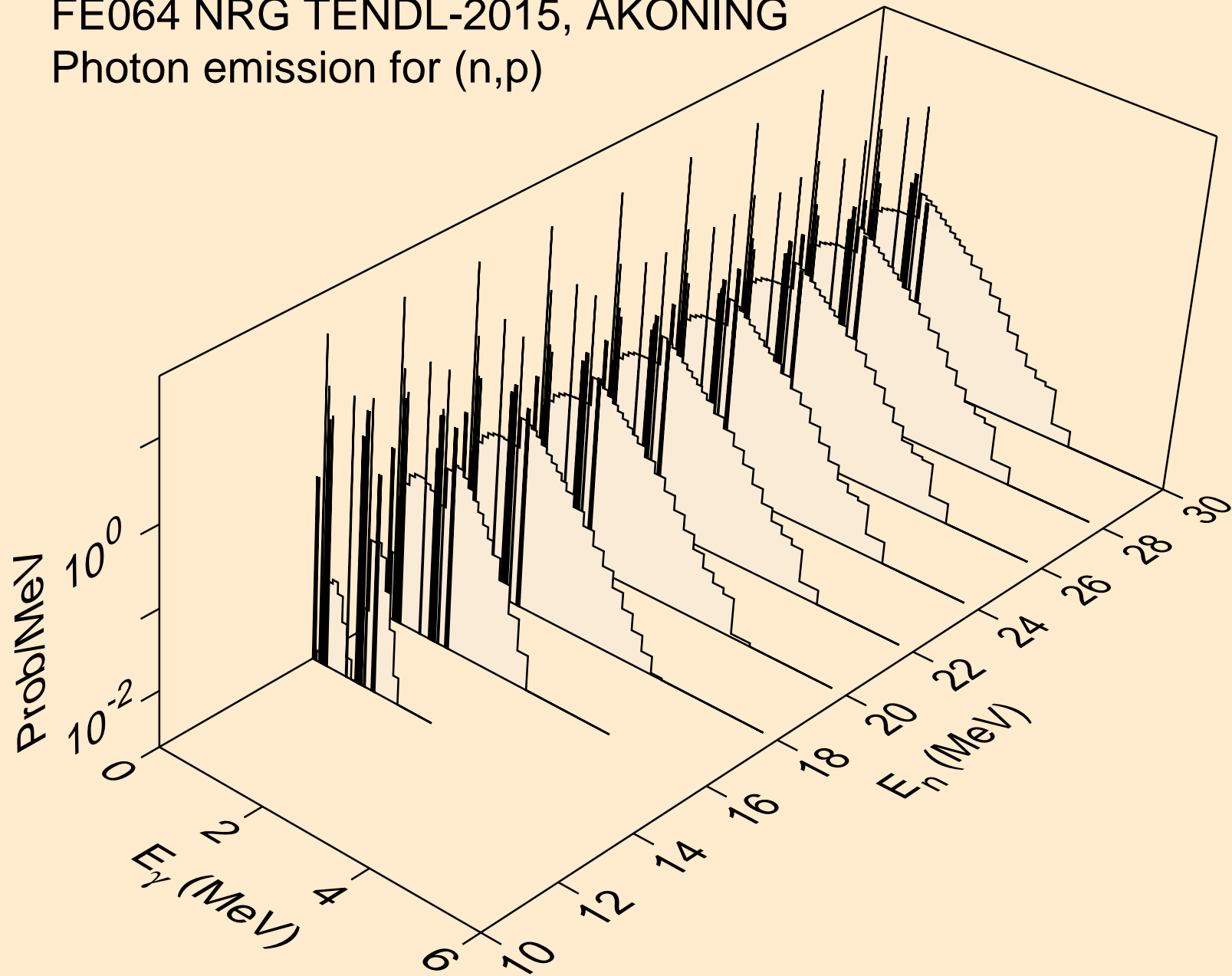


FE064 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

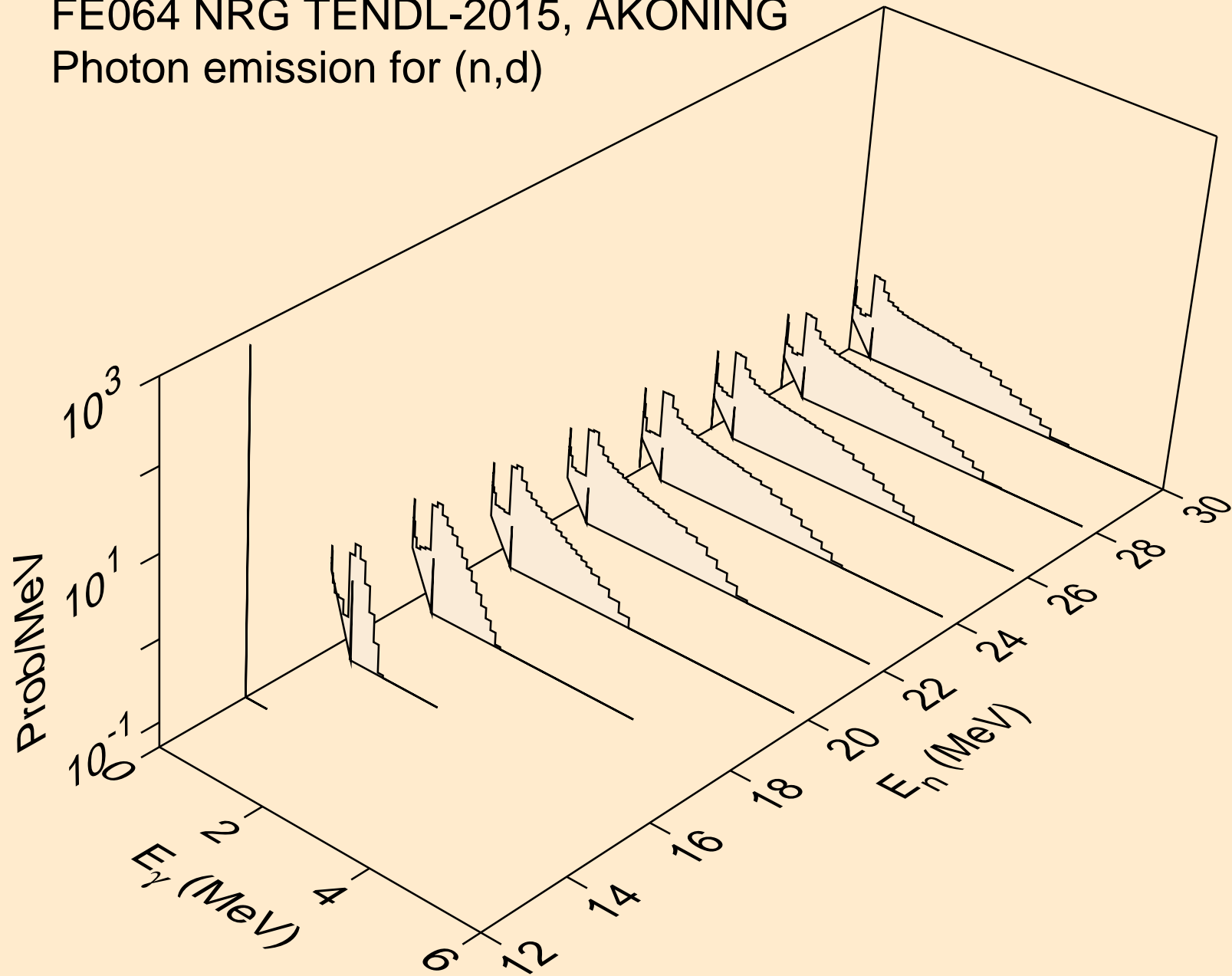




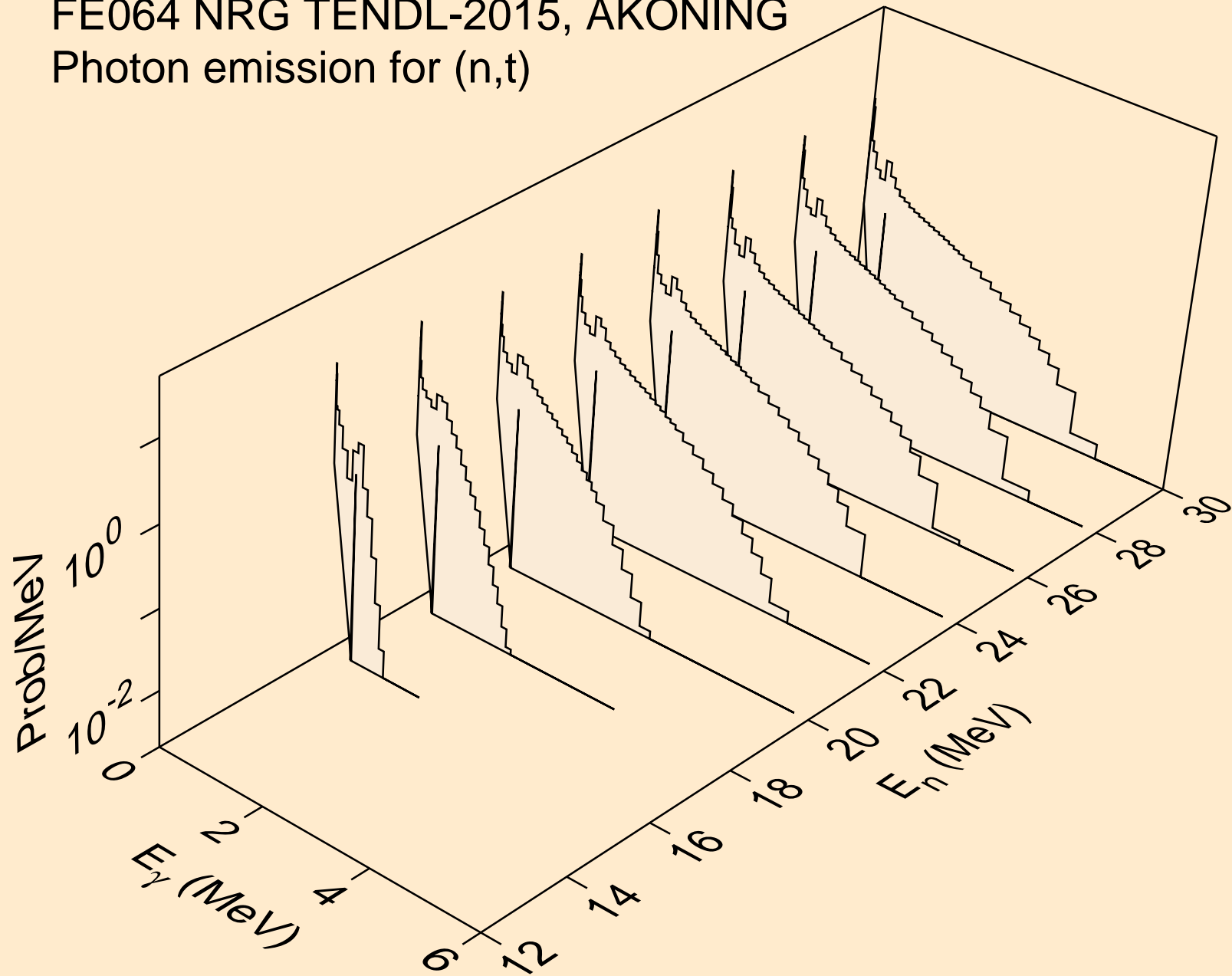
FE064 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



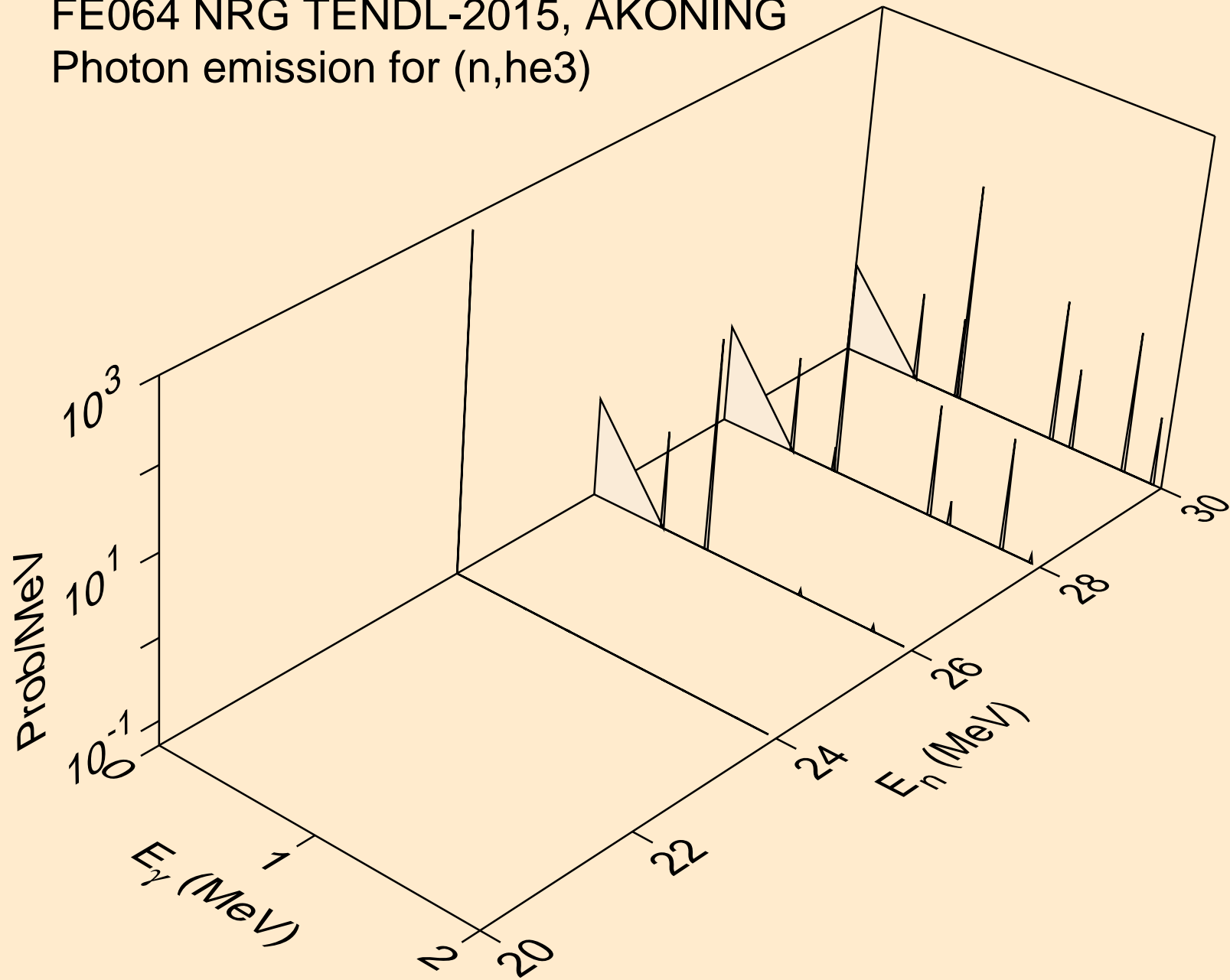
FE064 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



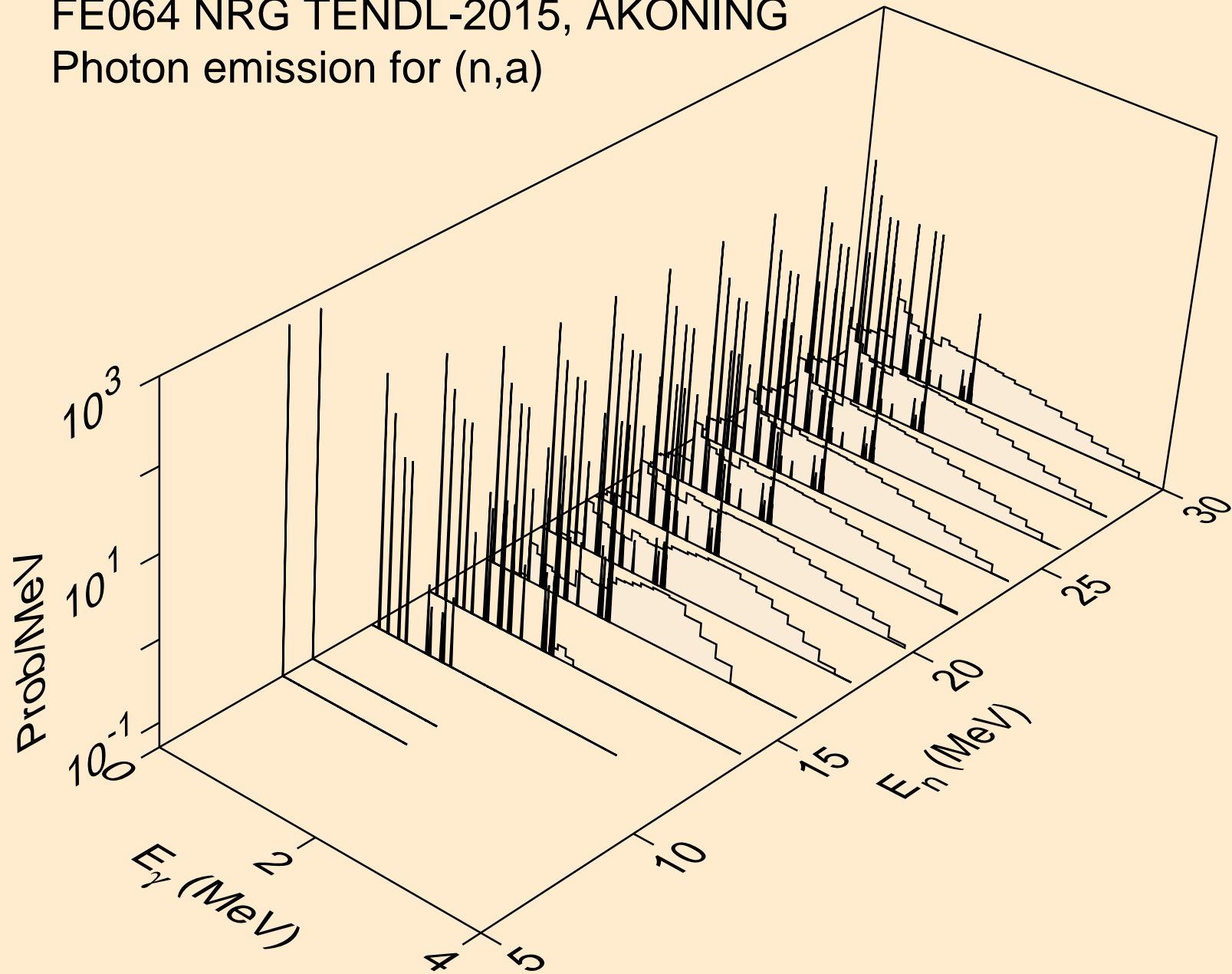
FE064 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



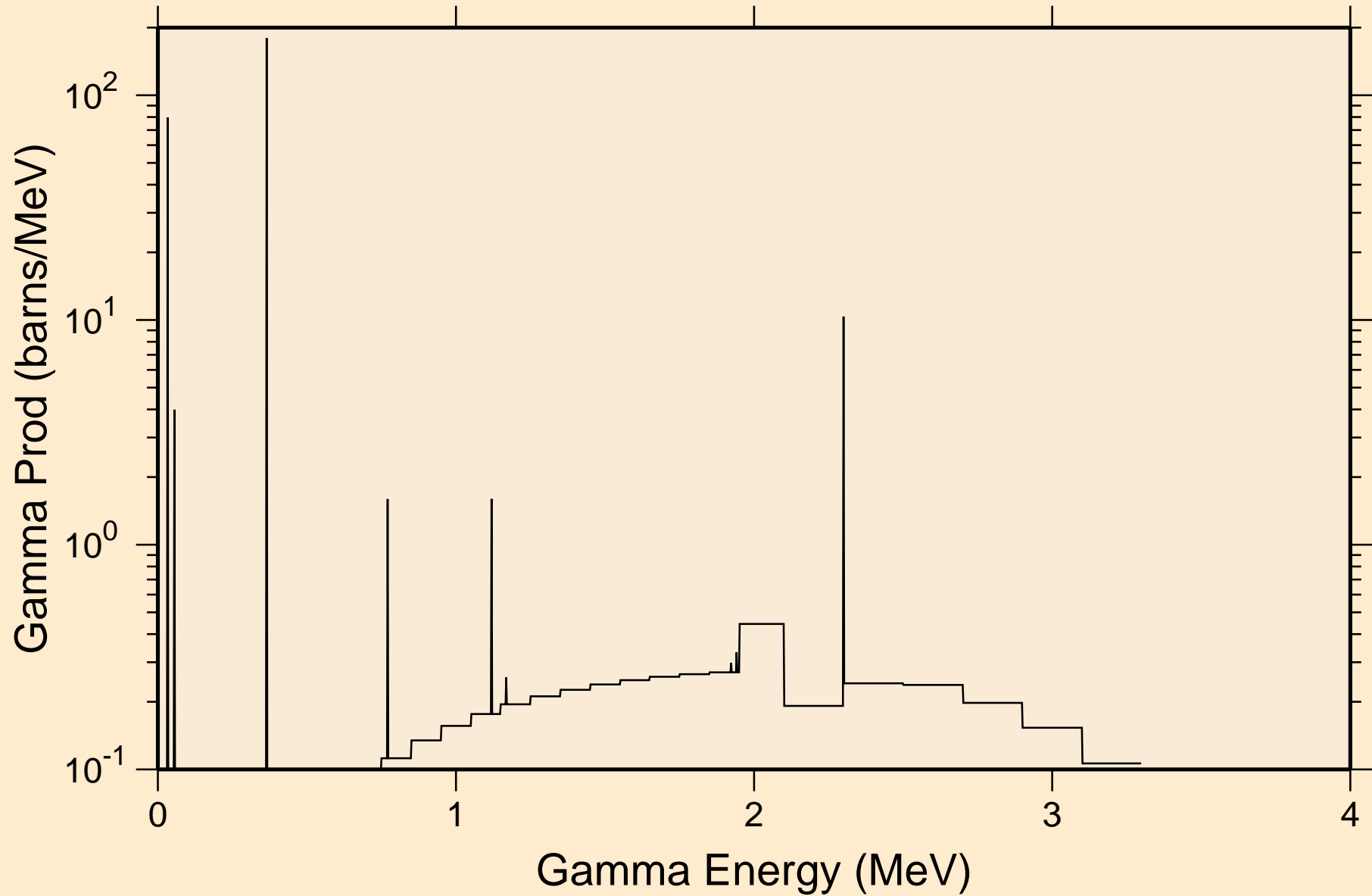
FE064 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



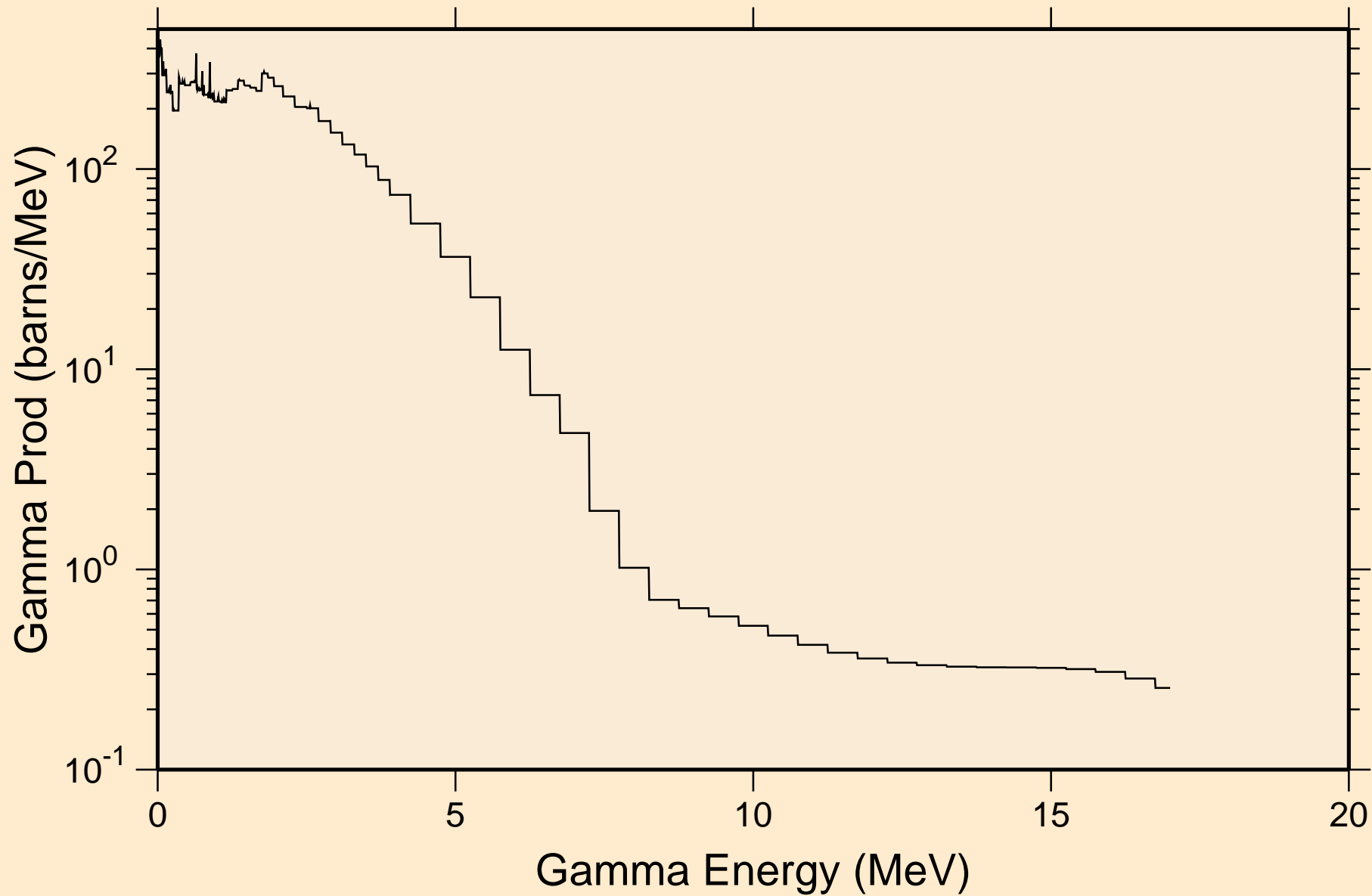
FE064 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



FE064 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

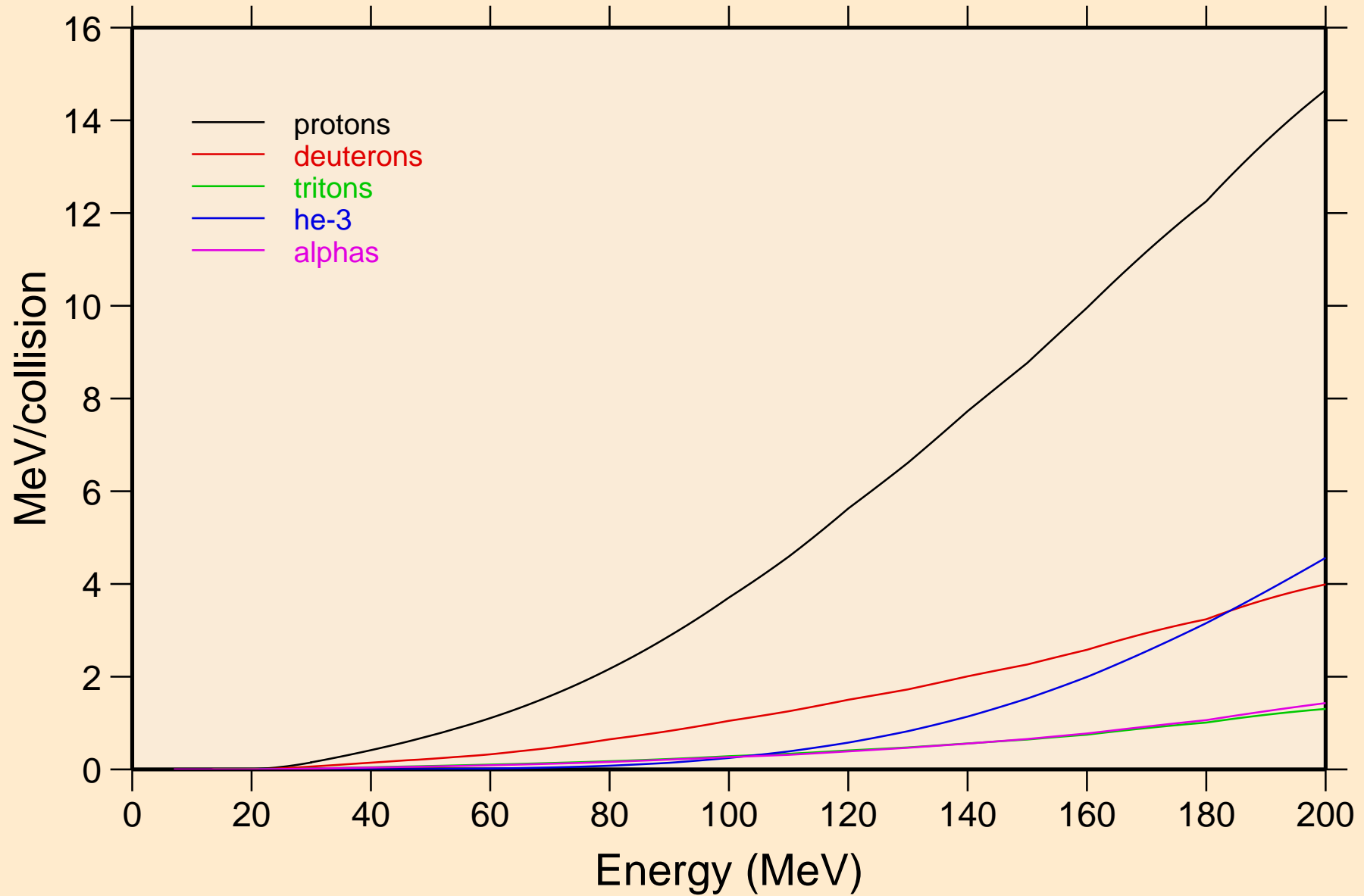


FE064 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



# FE064 NRG TENDL-2015, AKONING

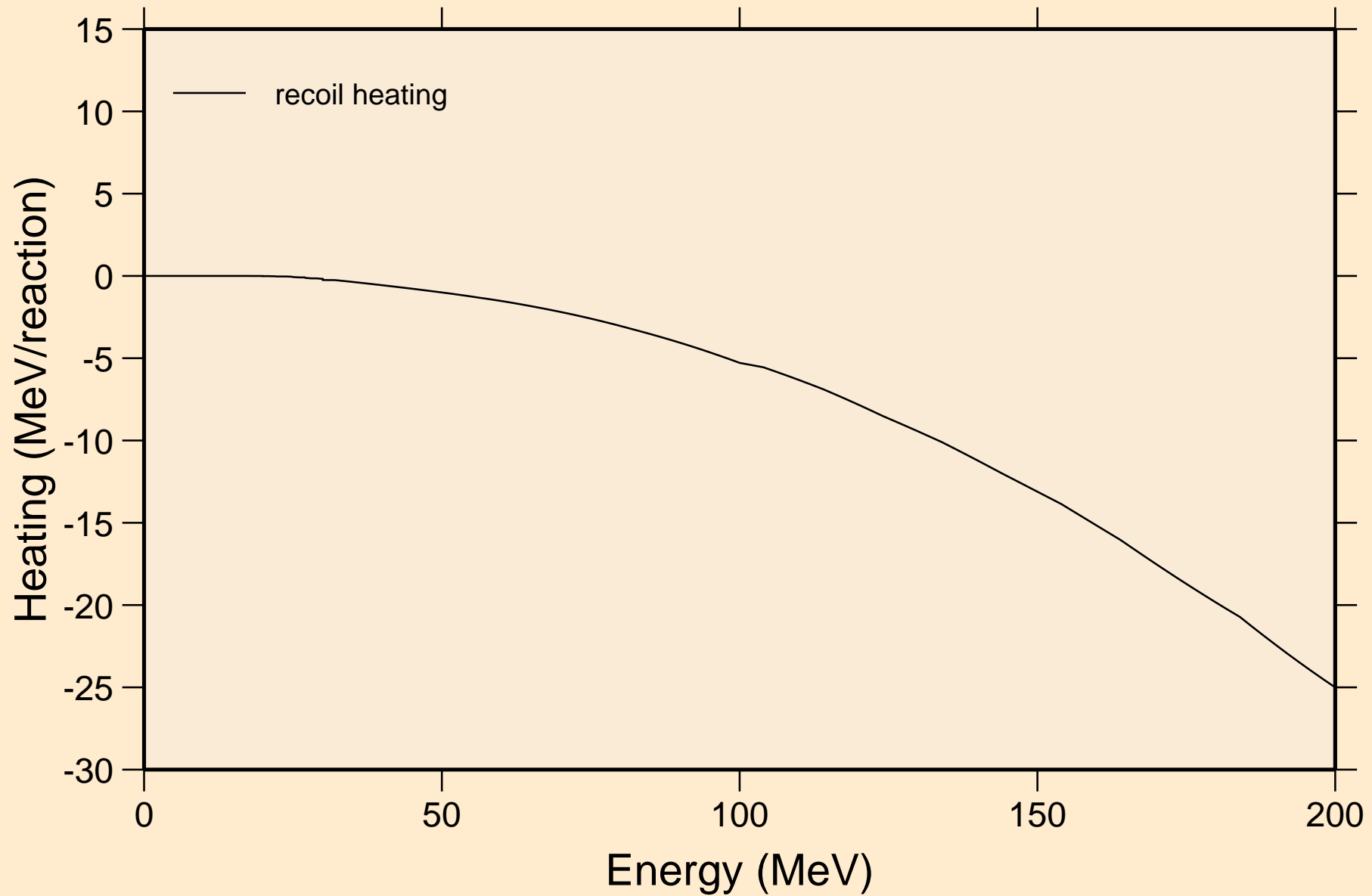
## Particle heating contributions





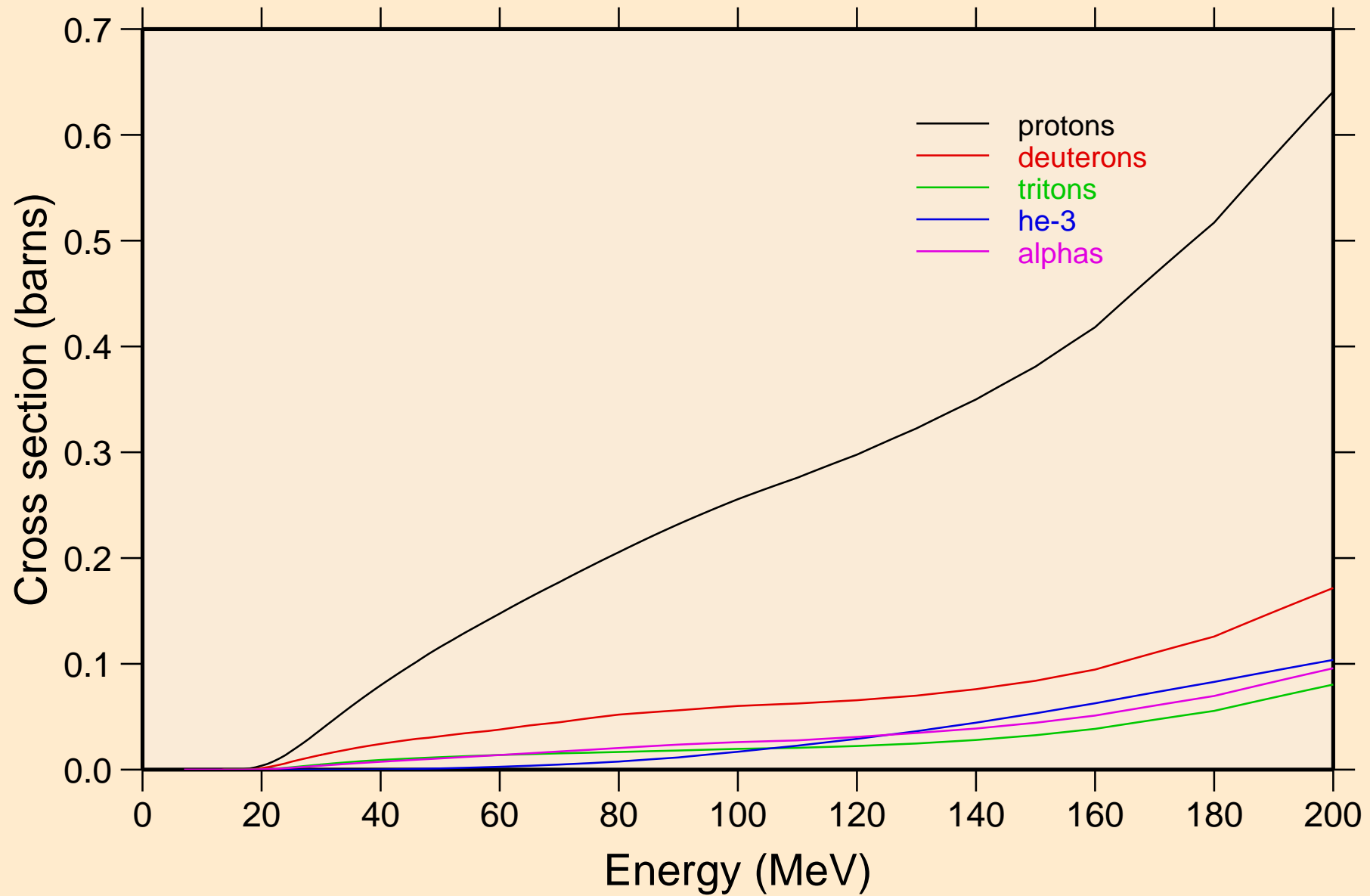
# FE064 NRG TENDL-2015, AKONING

## Recoil Heating

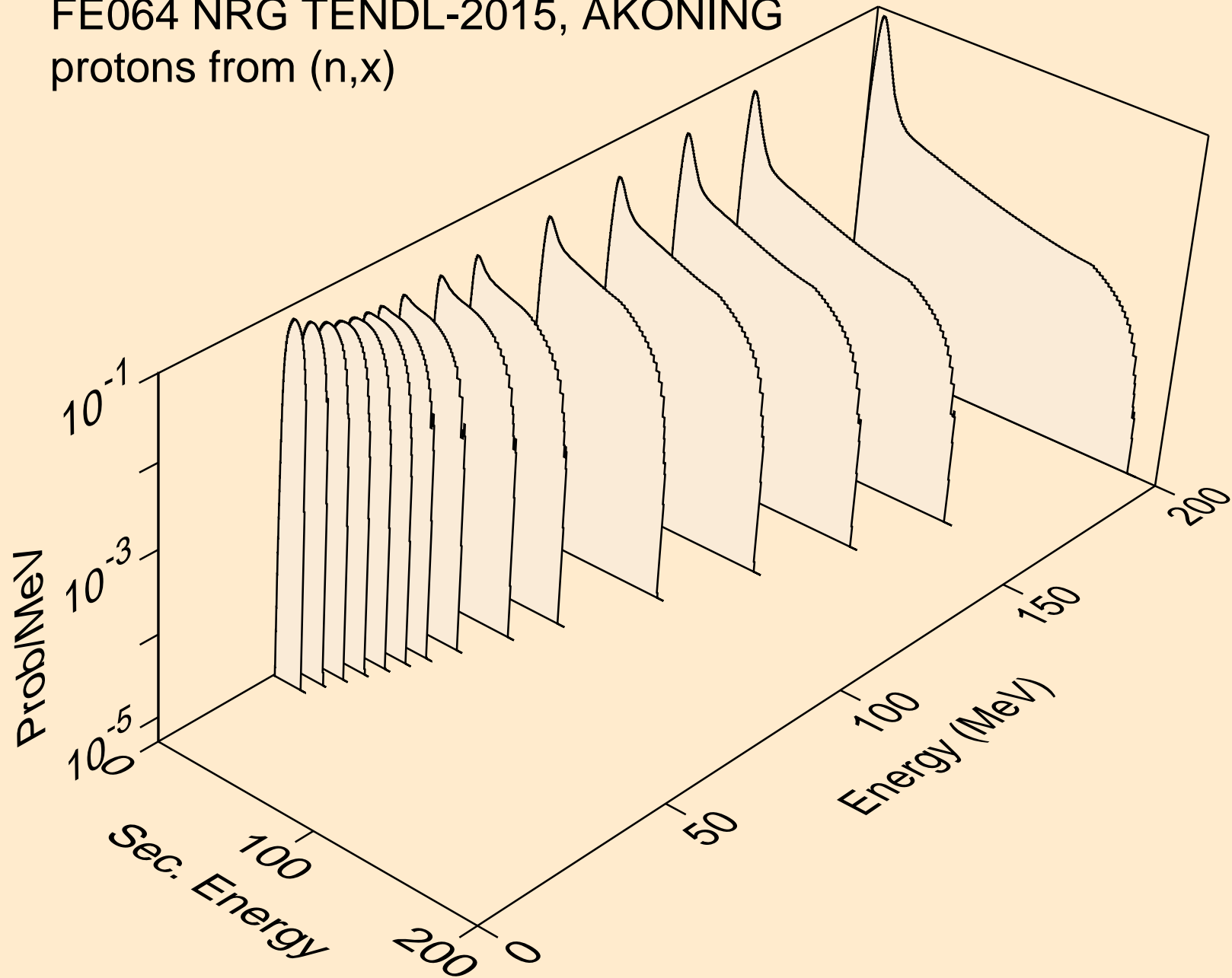


# FE064 NRG TENDL-2015, AKONING

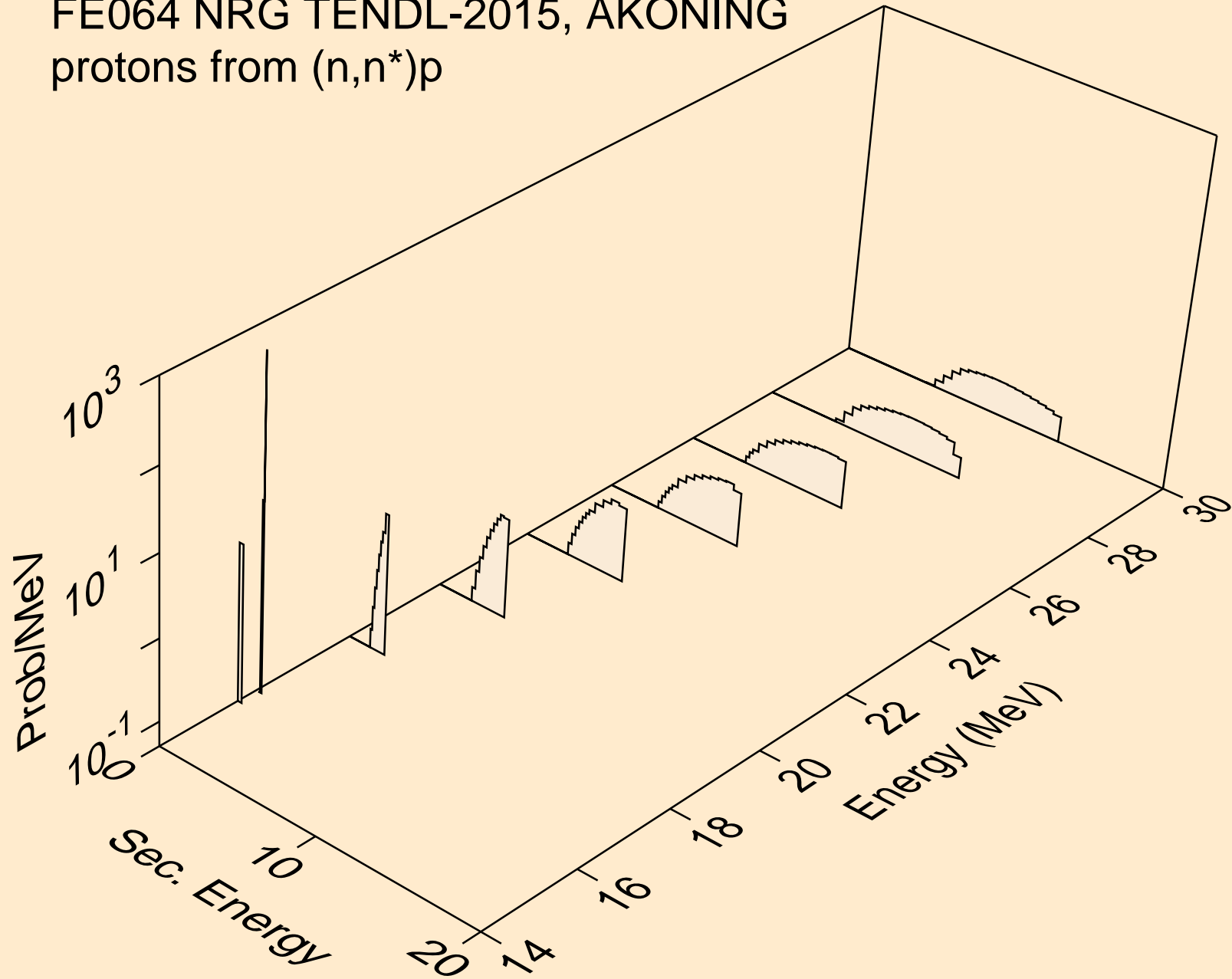
## Particle production cross sections



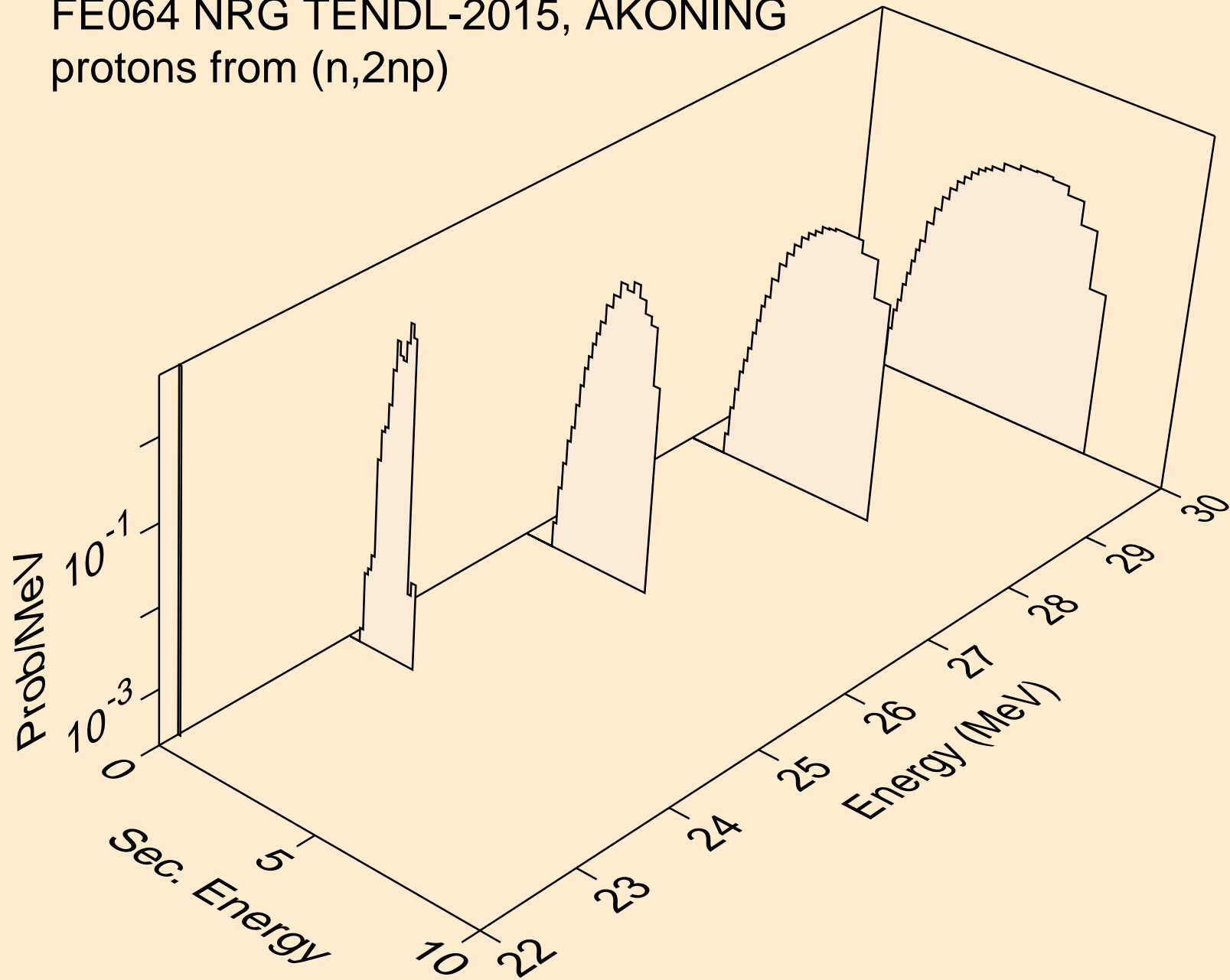
FE064 NRG TENDL-2015, AKONING  
protons from (n,x)



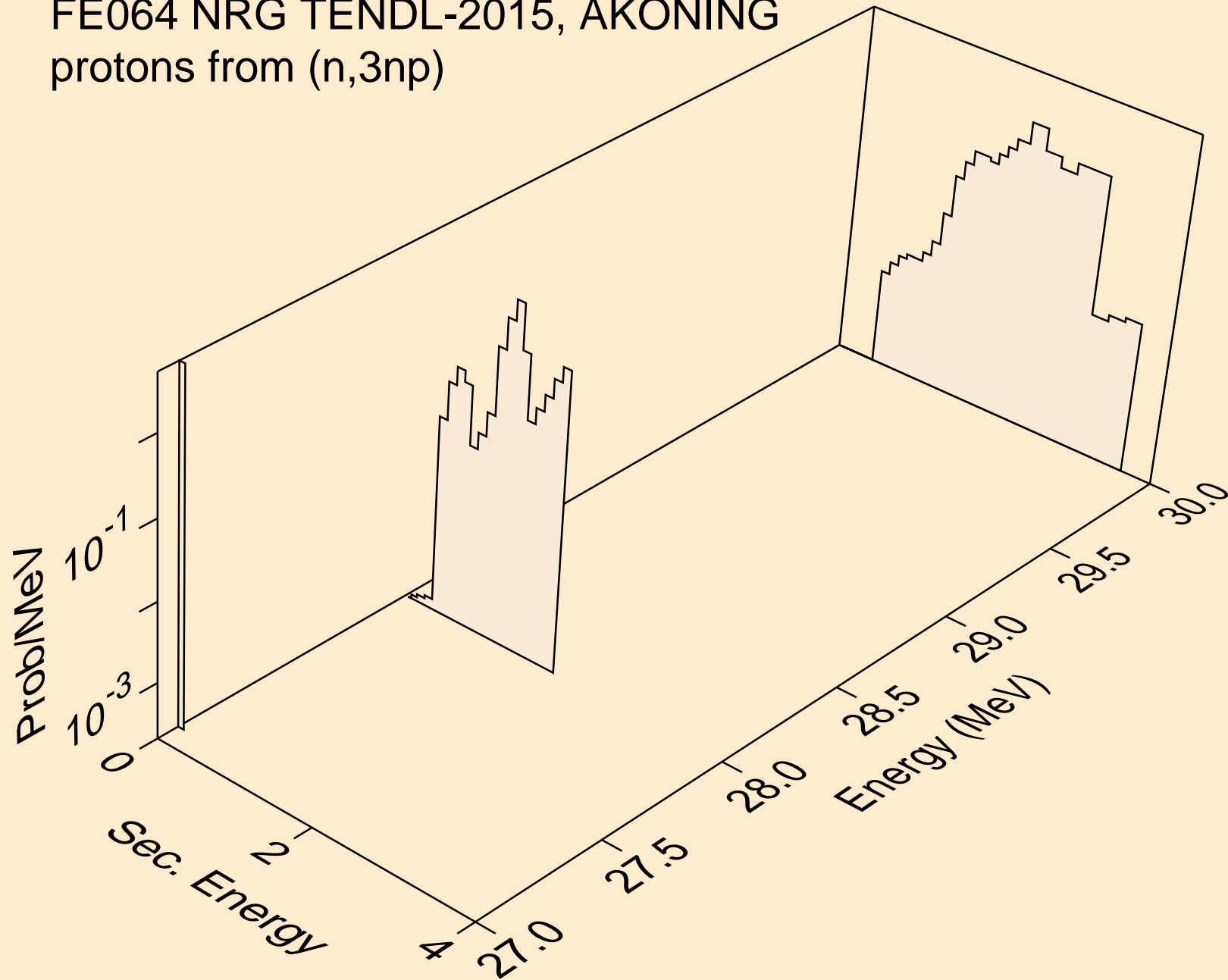
FE064 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



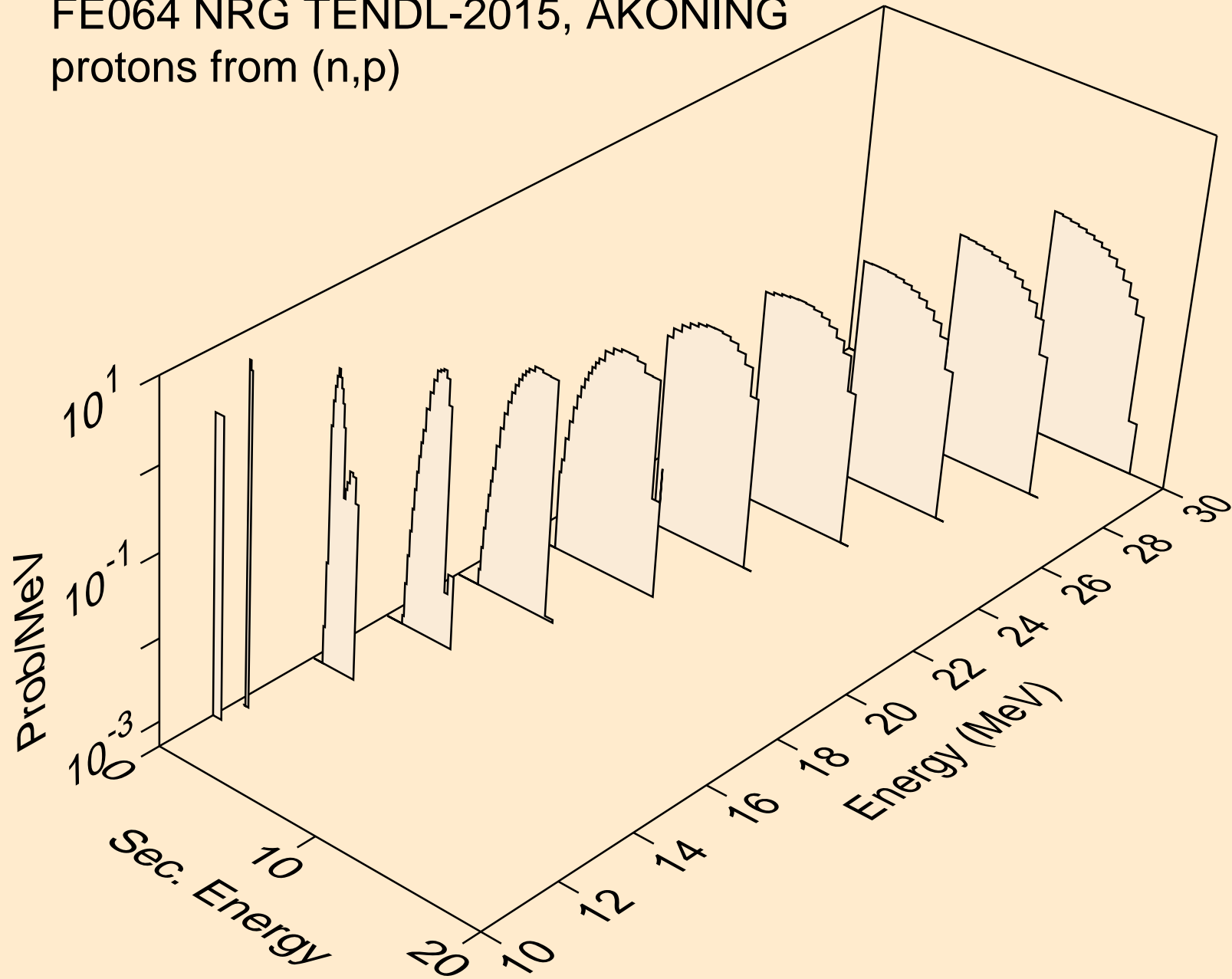
FE064 NRG TENDL-2015, AKONING  
protons from (n,2np)



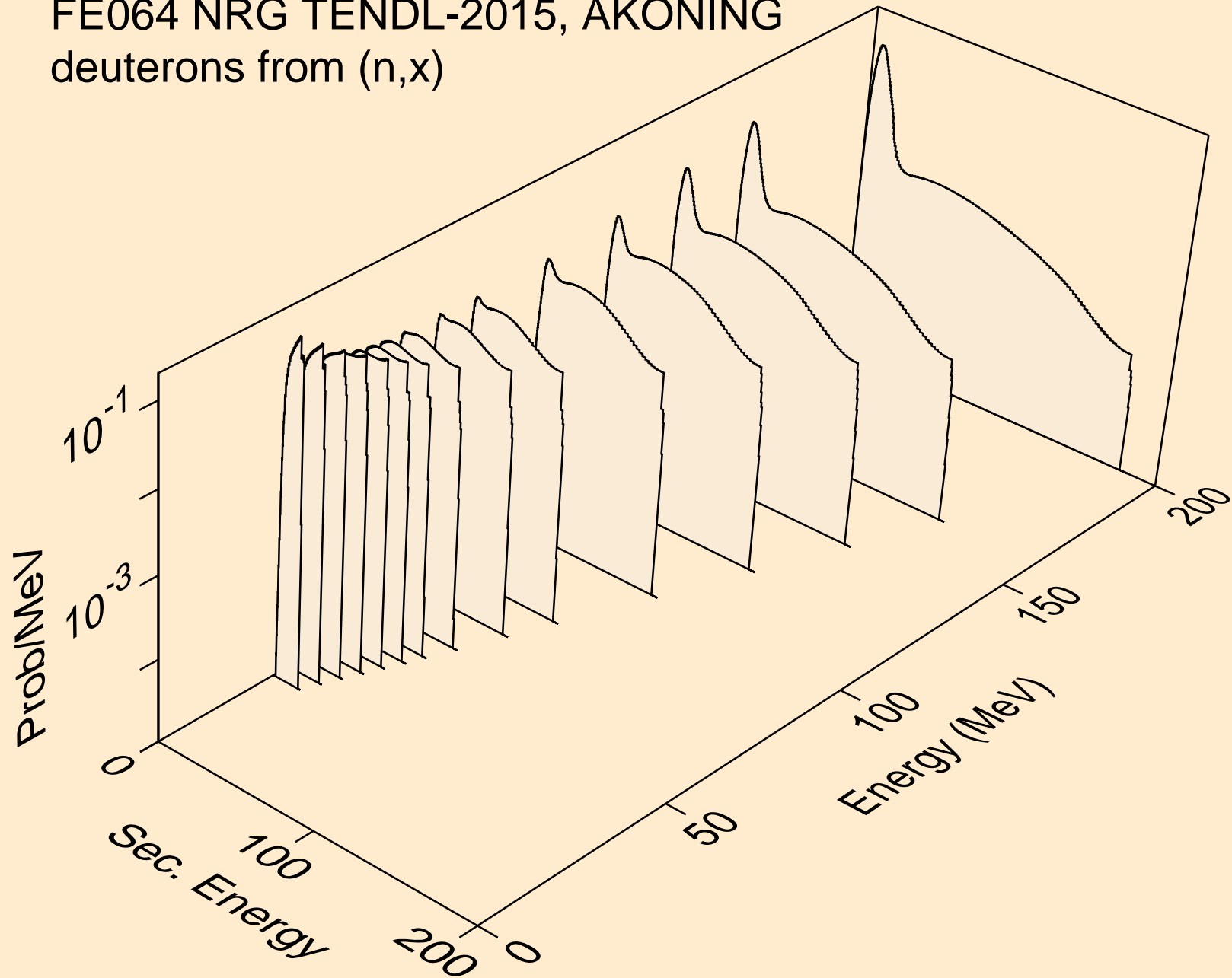
FE064 NRG TENDL-2015, AKONING  
protons from (n,3np)



FE064 NRG TENDL-2015, AKONING  
protons from (n,p)

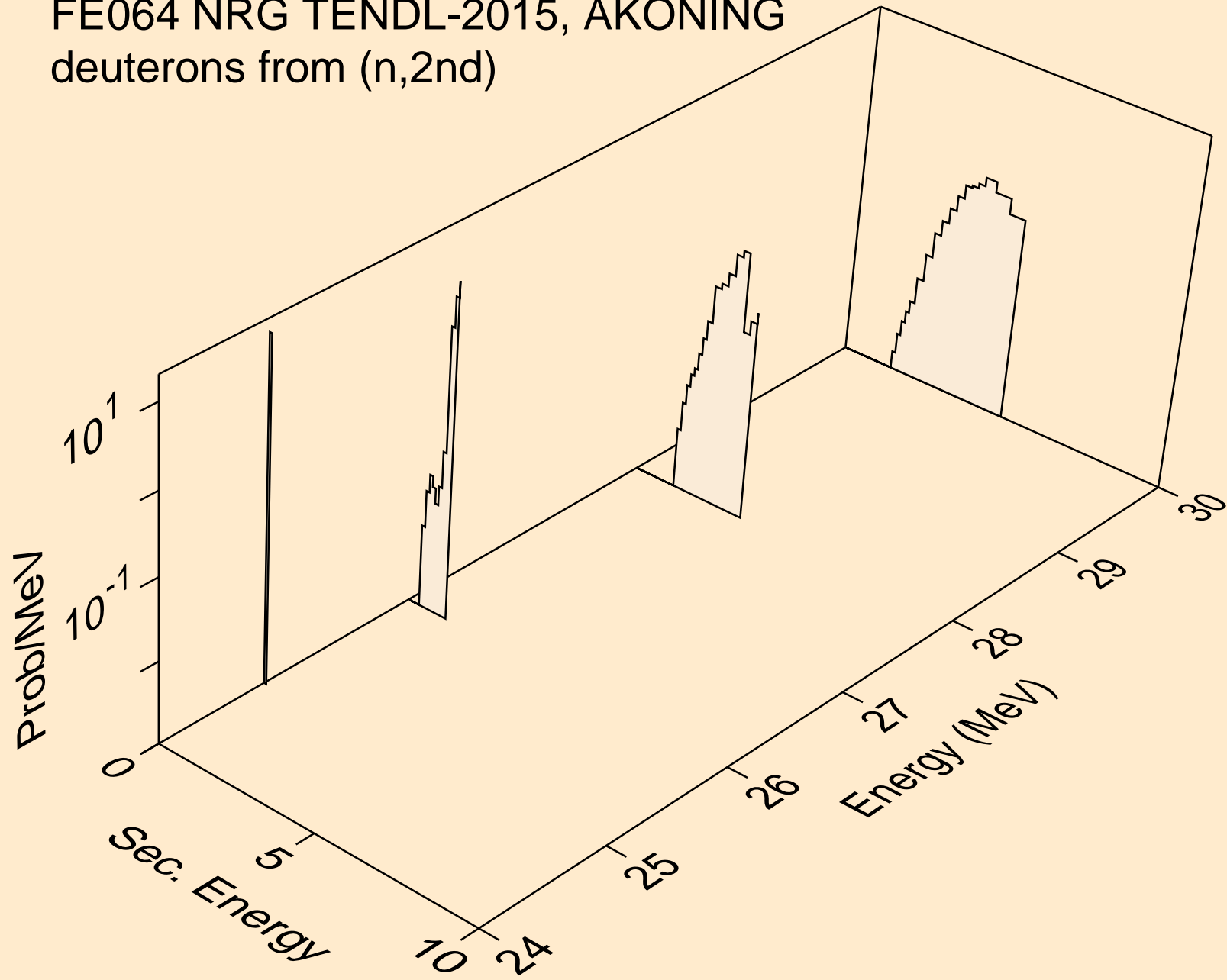


FE064 NRG TENDL-2015, AKONING  
deuterons from (n,x)

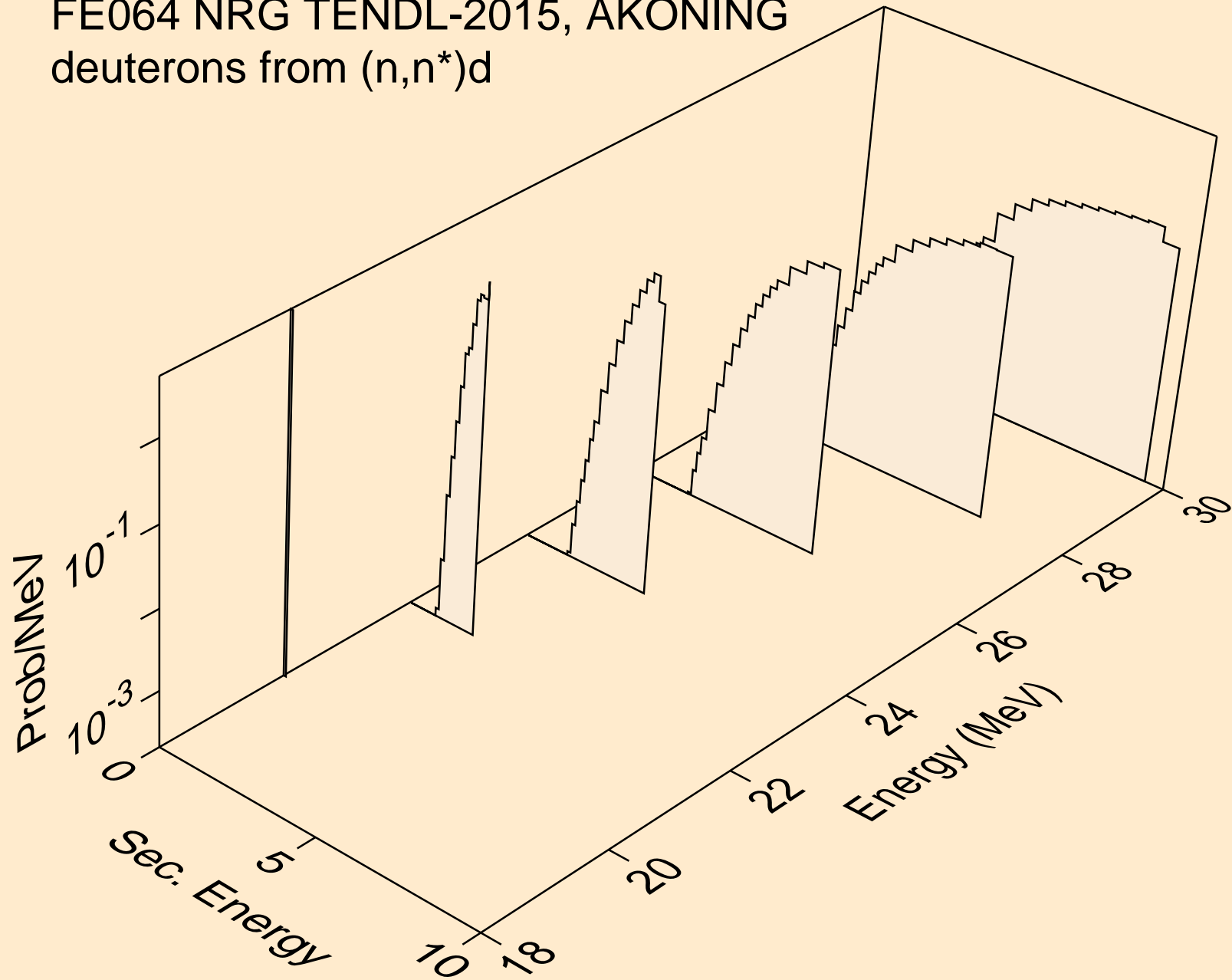




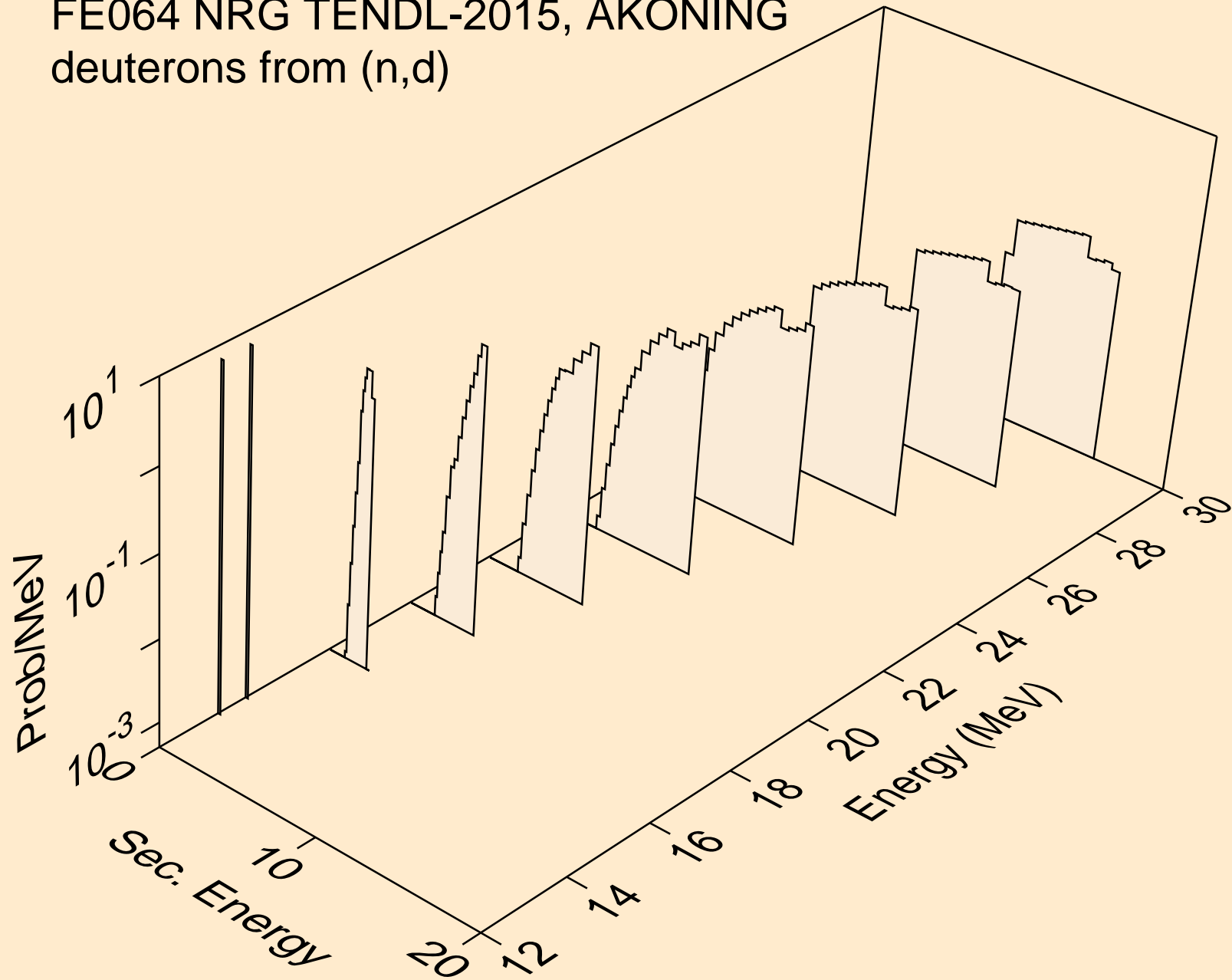
FE064 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



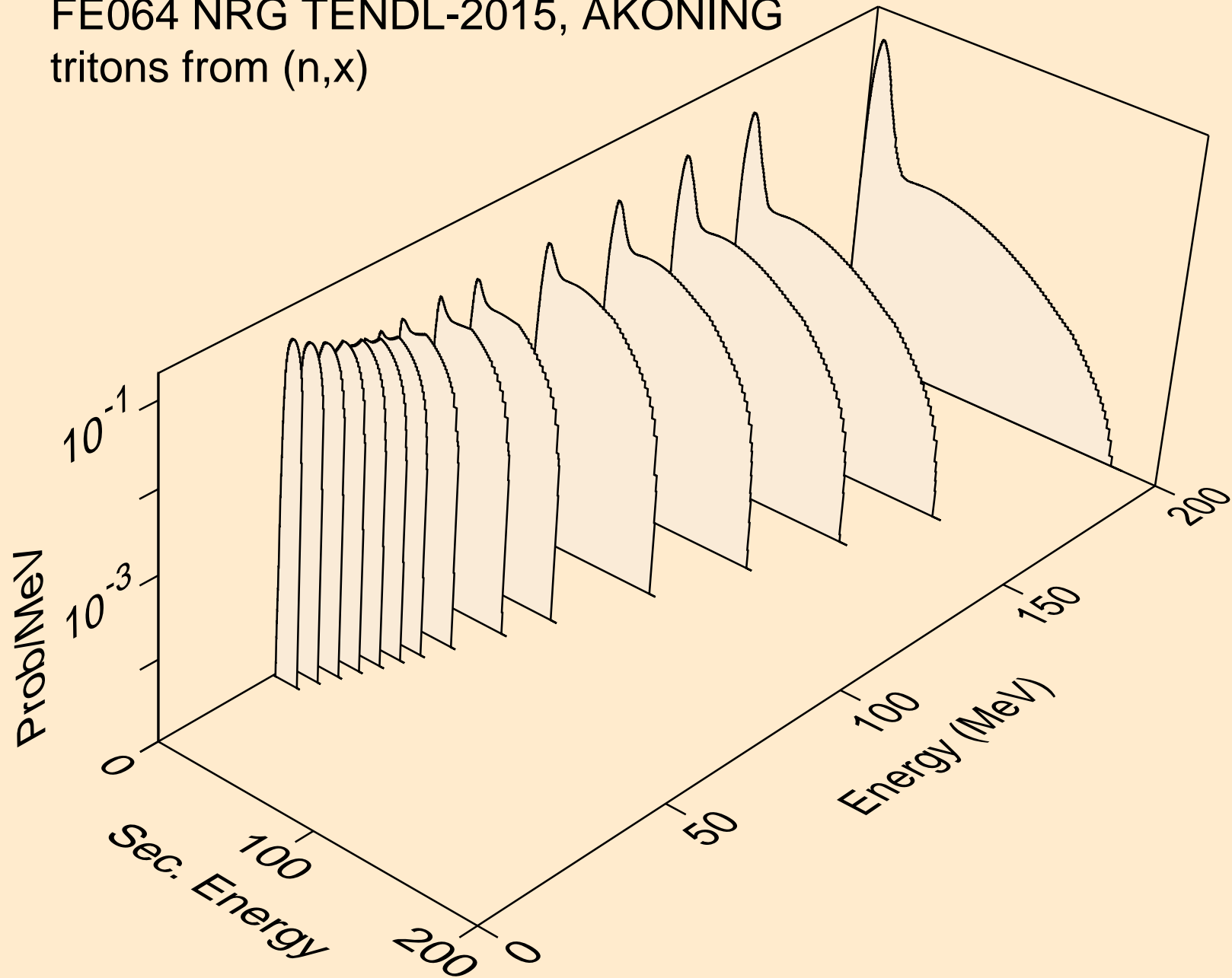
FE064 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



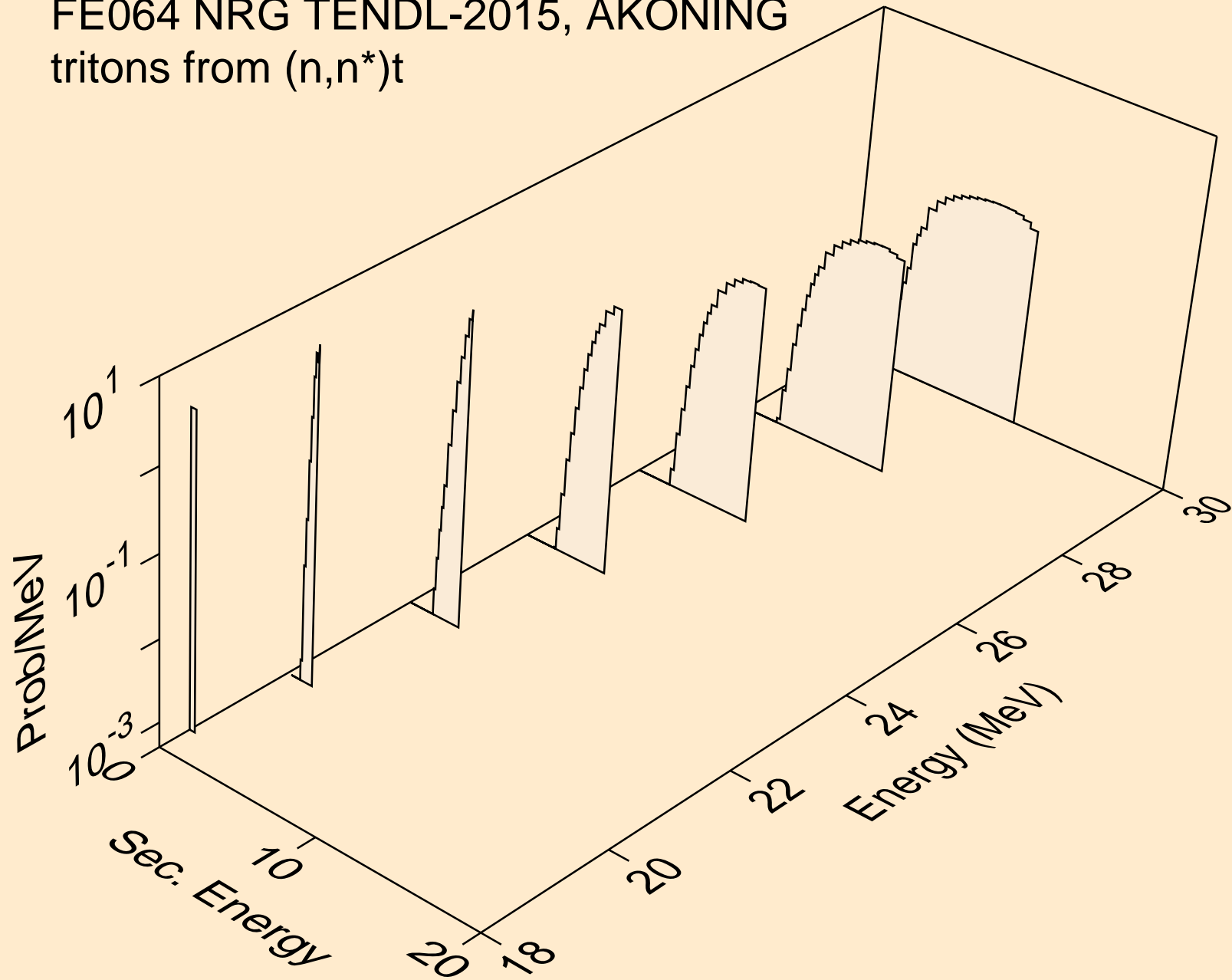
FE064 NRG TENDL-2015, AKONING  
deuterons from (n,d)



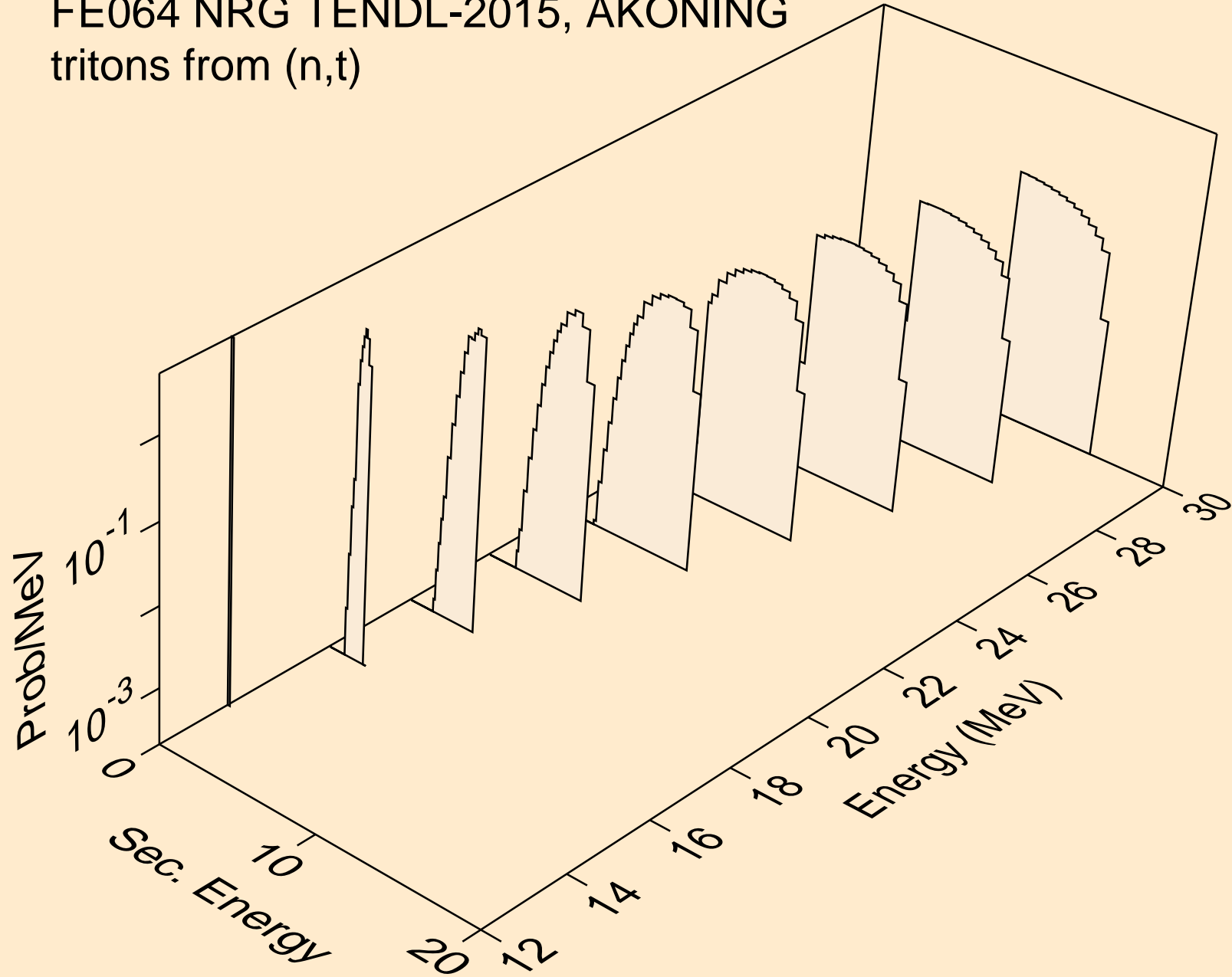
FE064 NRG TENDL-2015, AKONING  
tritons from (n,x)



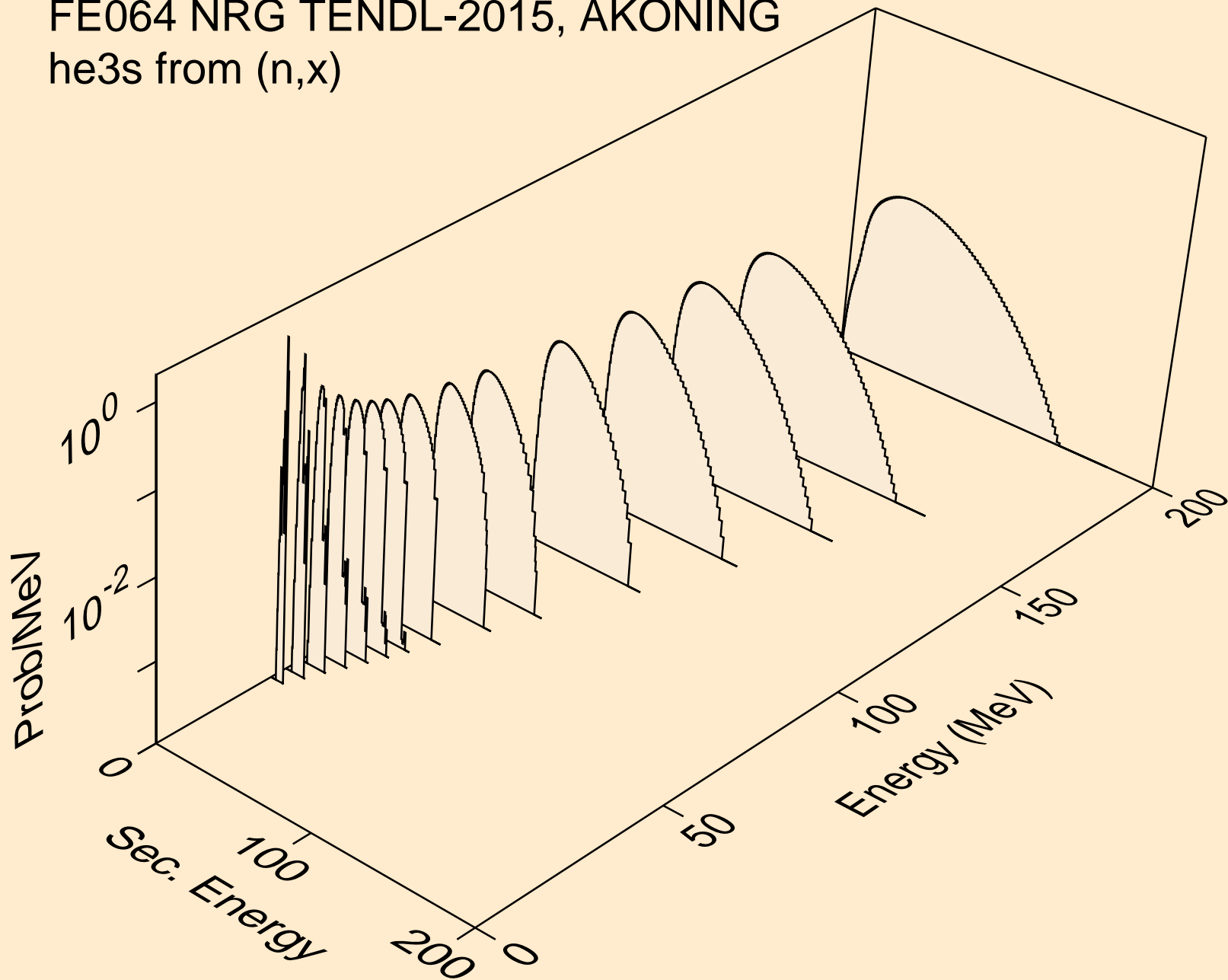
FE064 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



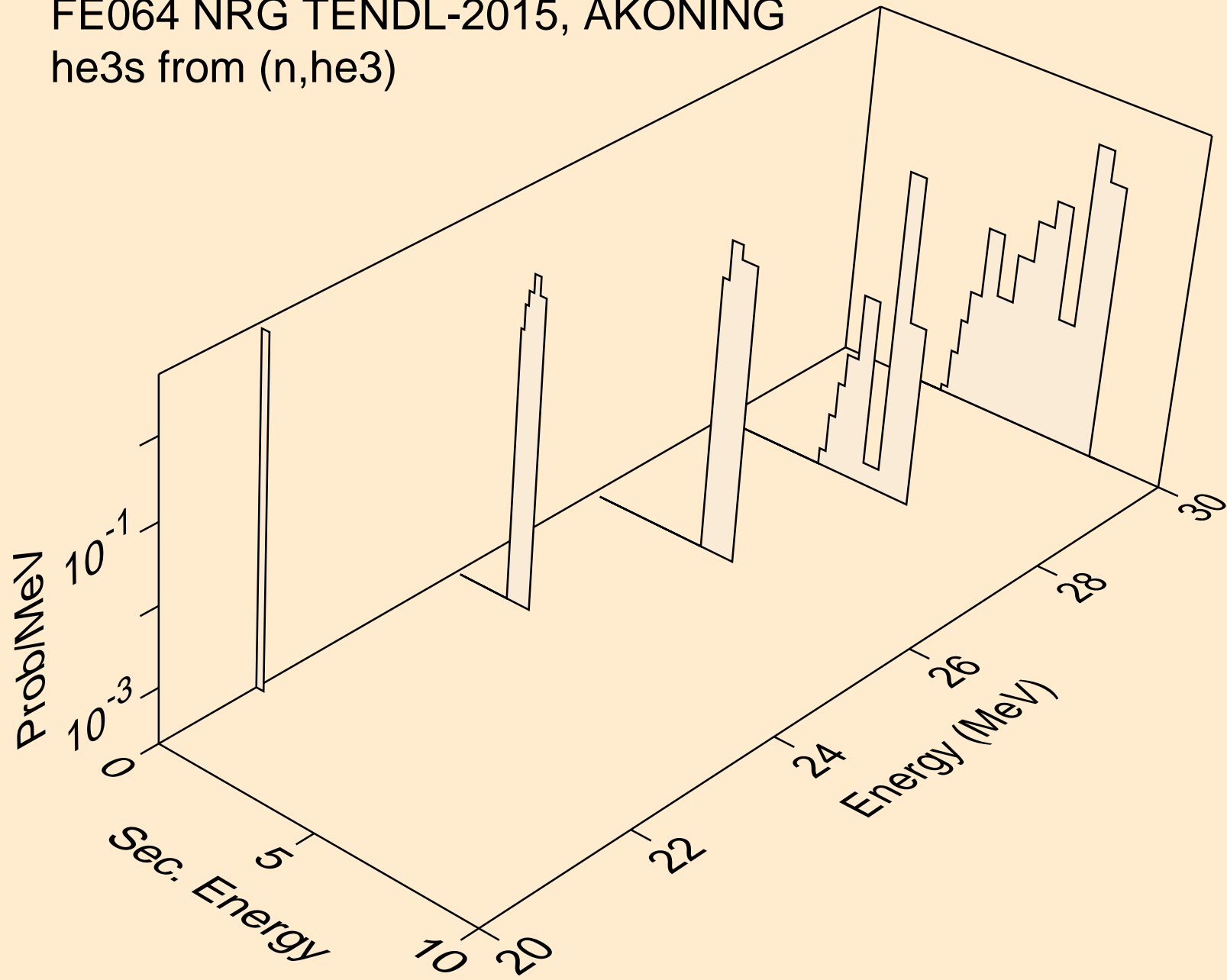
FE064 NRG TENDL-2015, AKONING  
tritons from (n,t)



FE064 NRG TENDL-2015, AKONING  
he3s from (n,x)

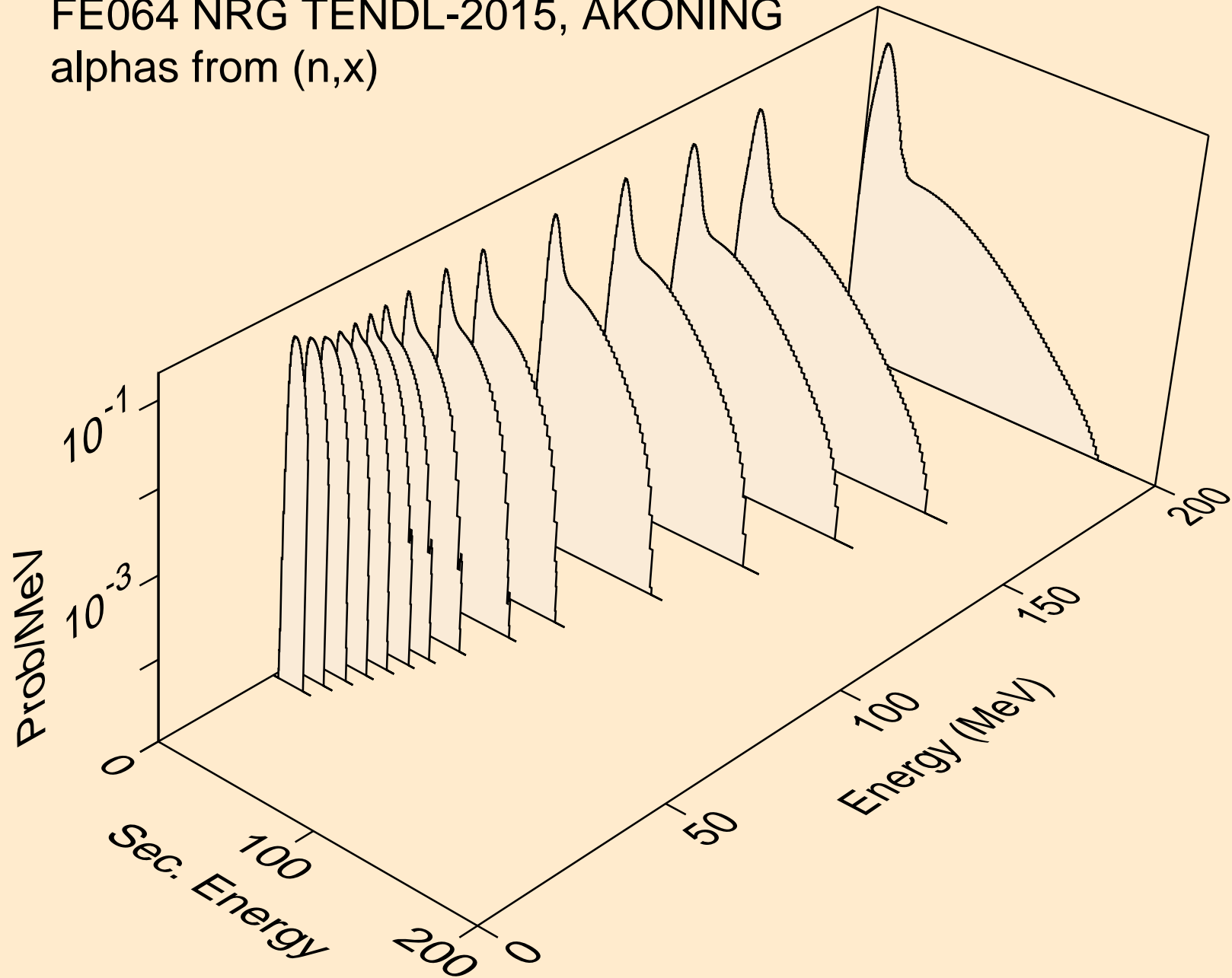


FE064 NRG TENDL-2015, AKONING  
he3s from (n,he3)

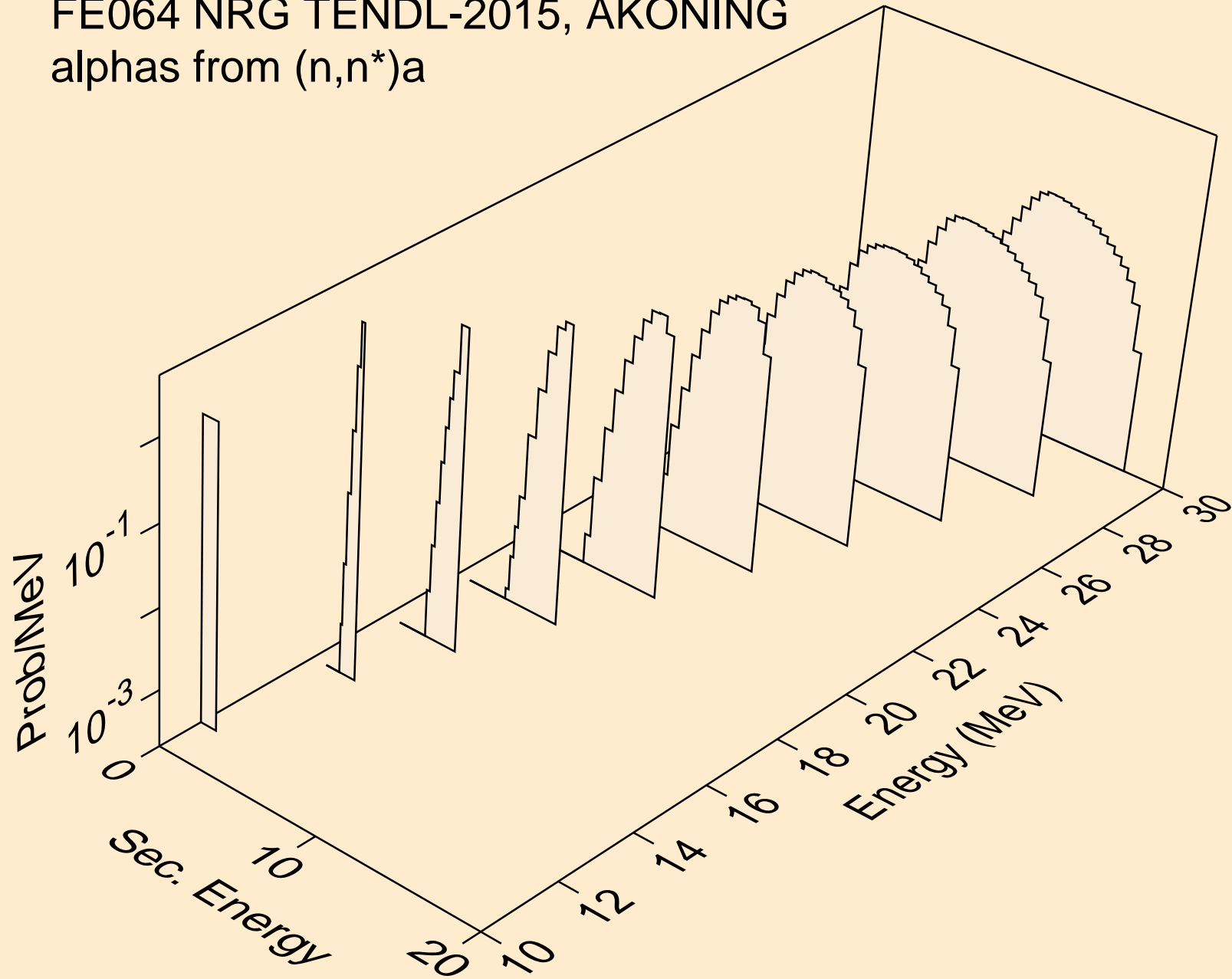




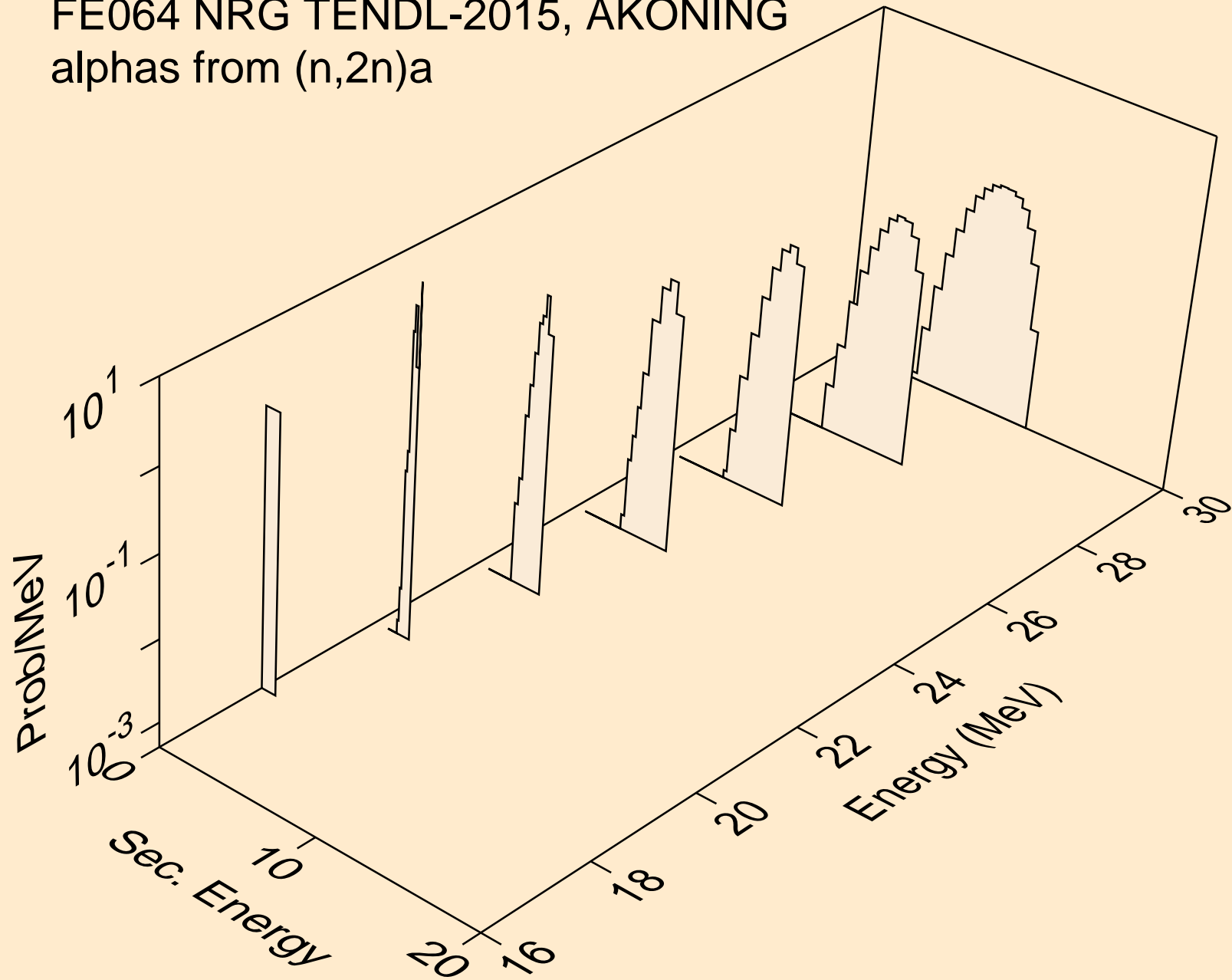
FE064 NRG TENDL-2015, AKONING  
alphas from (n,x)



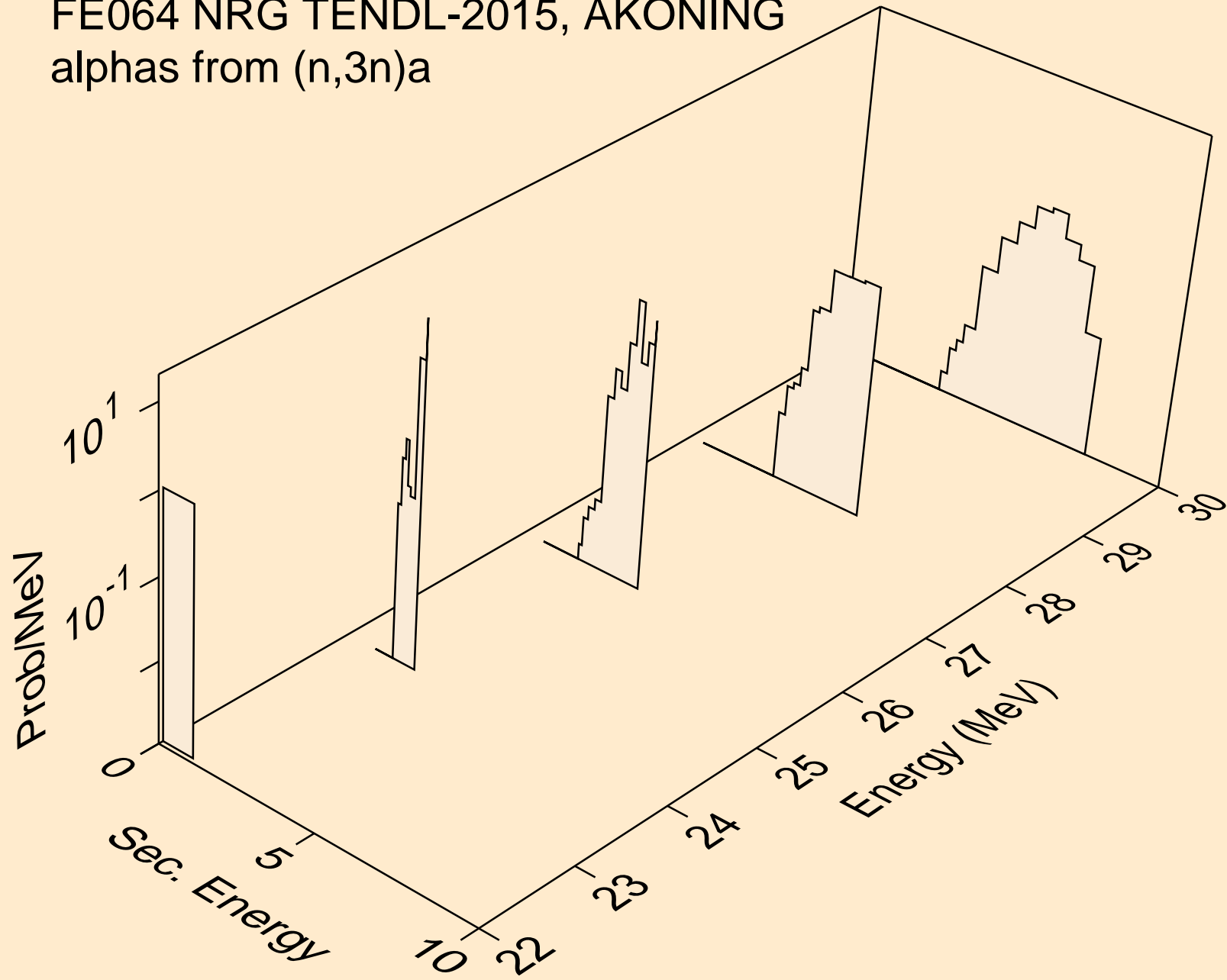
FE064 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



FE064 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



FE064 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



FE064 NRG TENDL-2015, AKONING  
alphas from (n,a)

