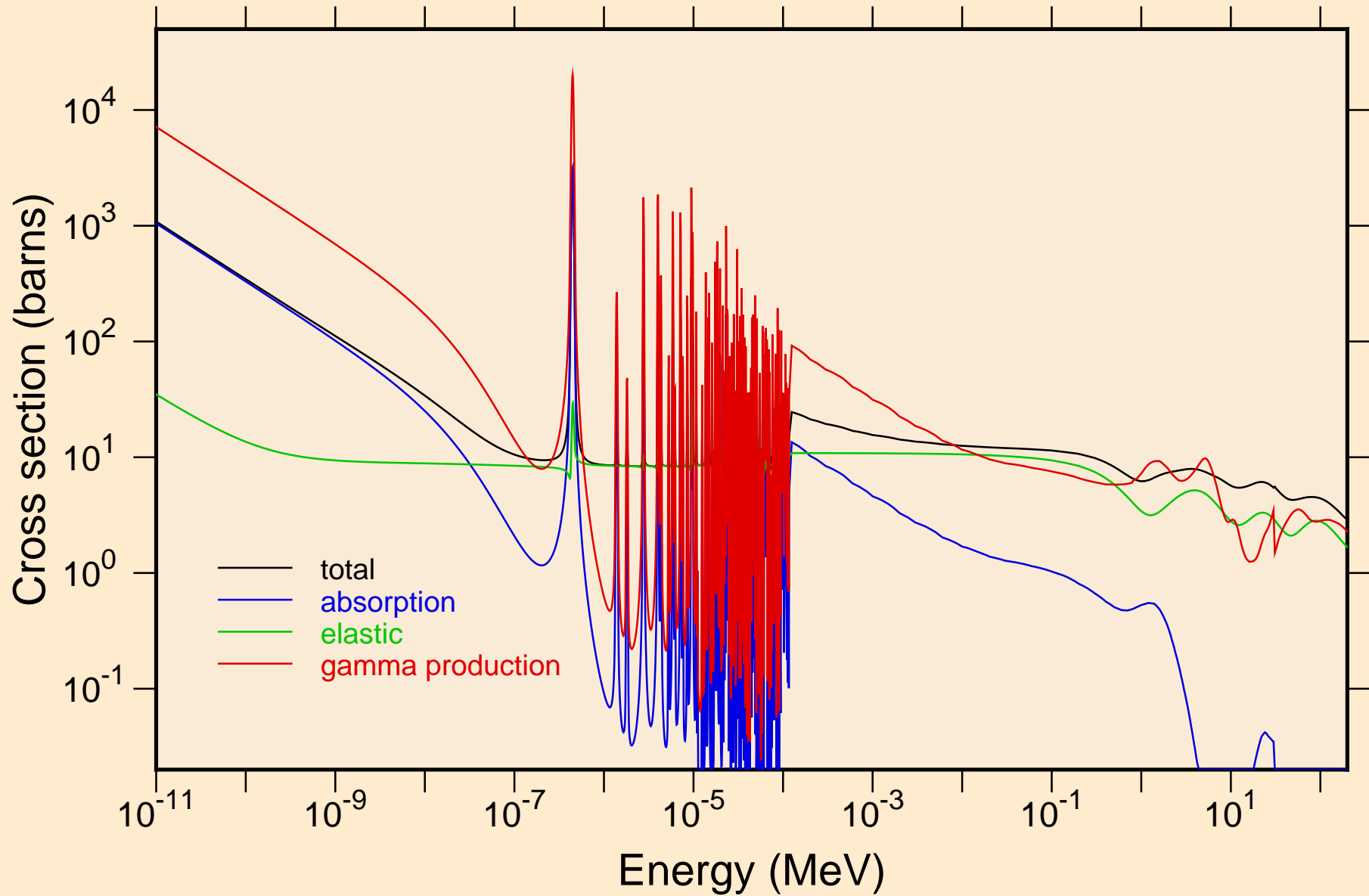
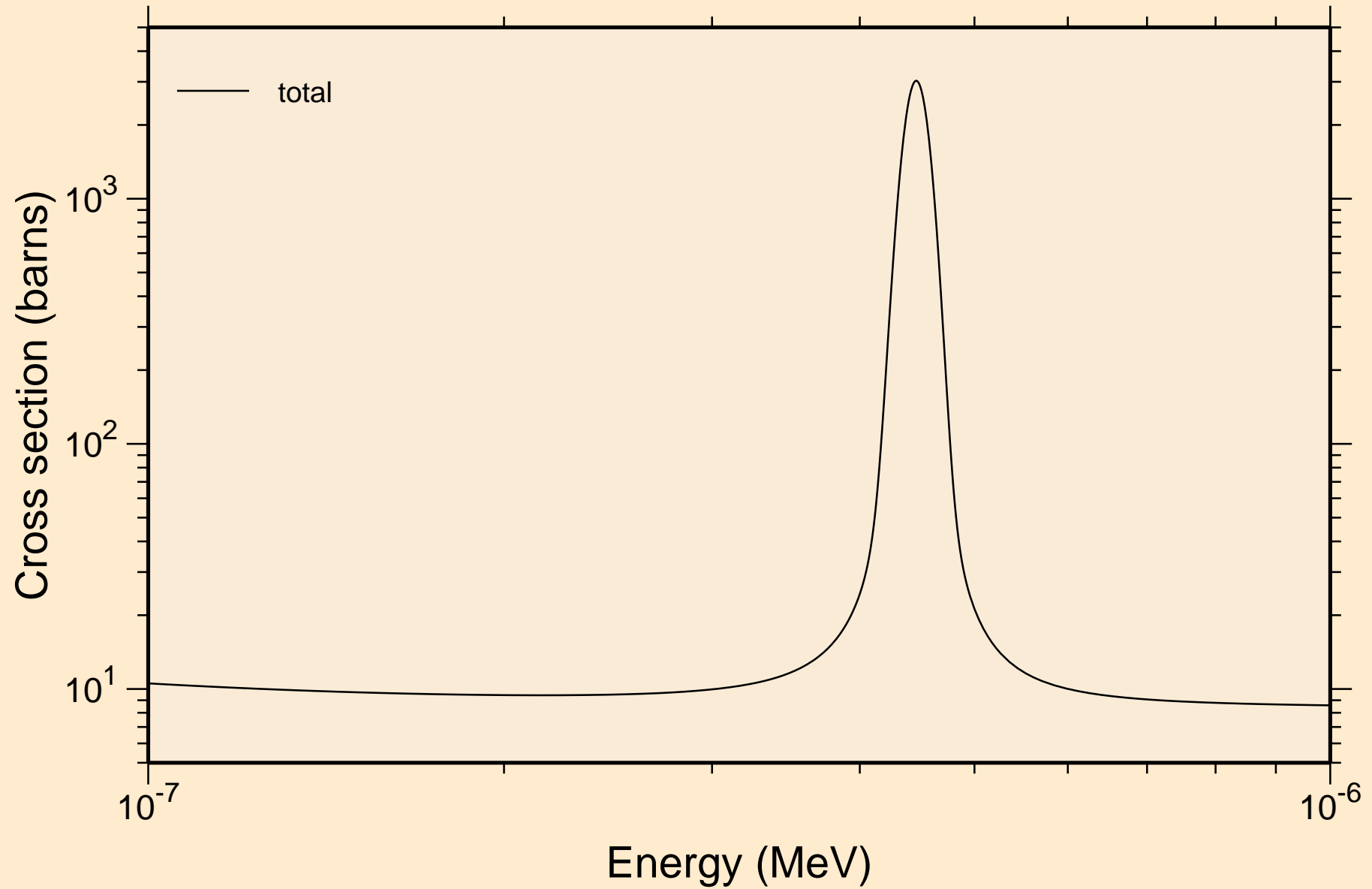


# PA229 NRG TENDL-2015, AKONING

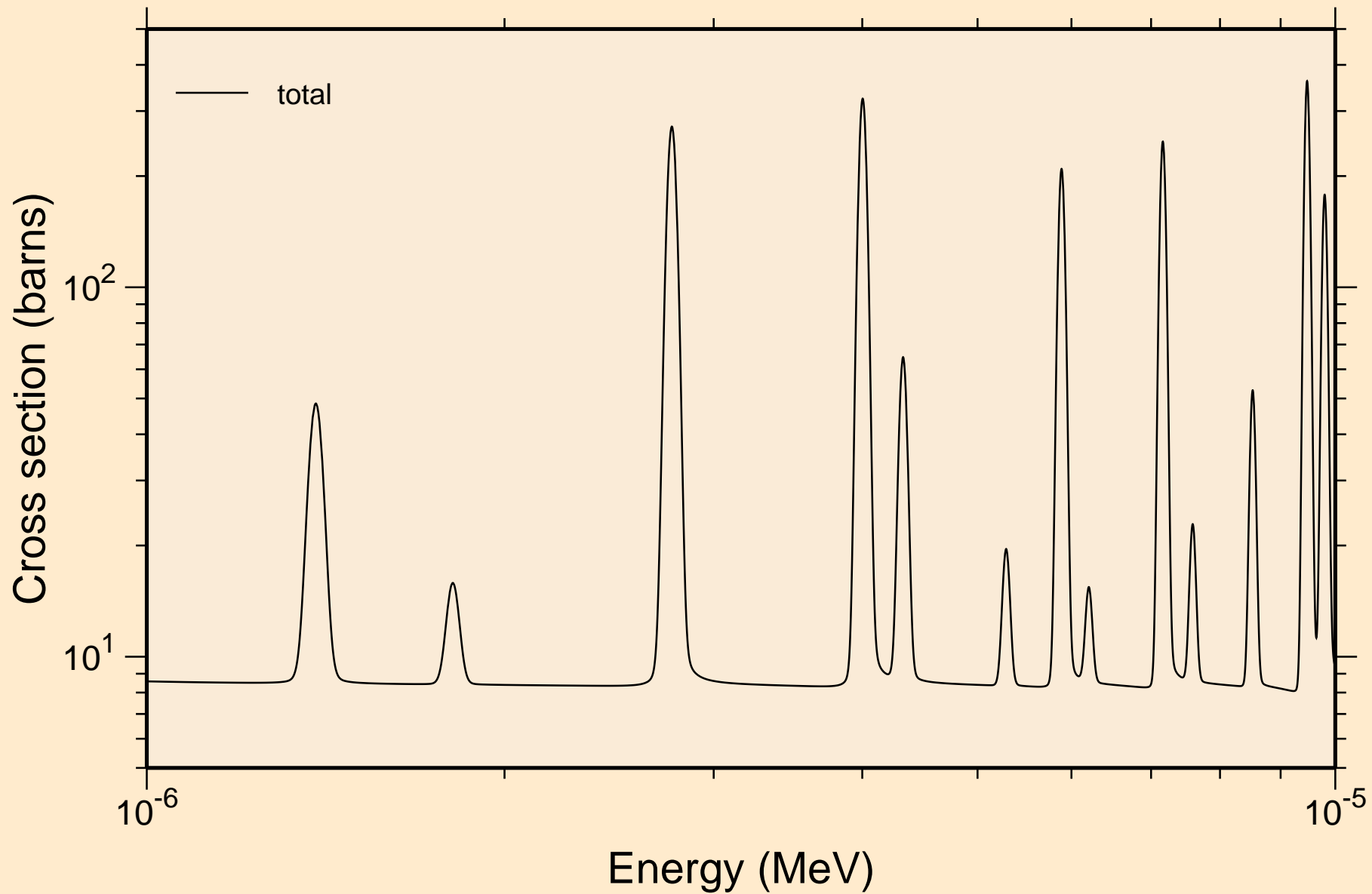
## Principal cross sections



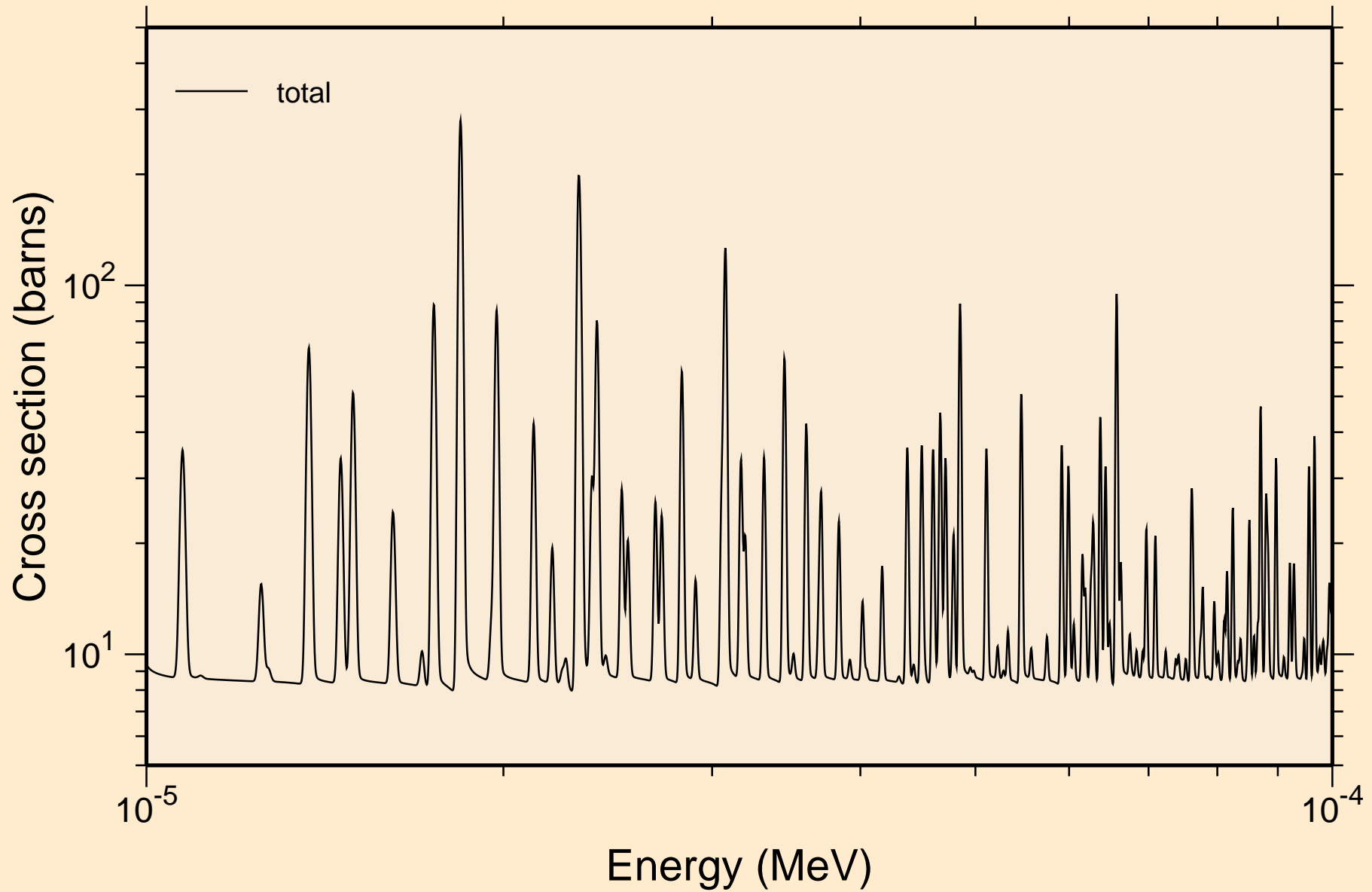
PA229 NRG TENDL-2015, AKONING  
resonance total cross section



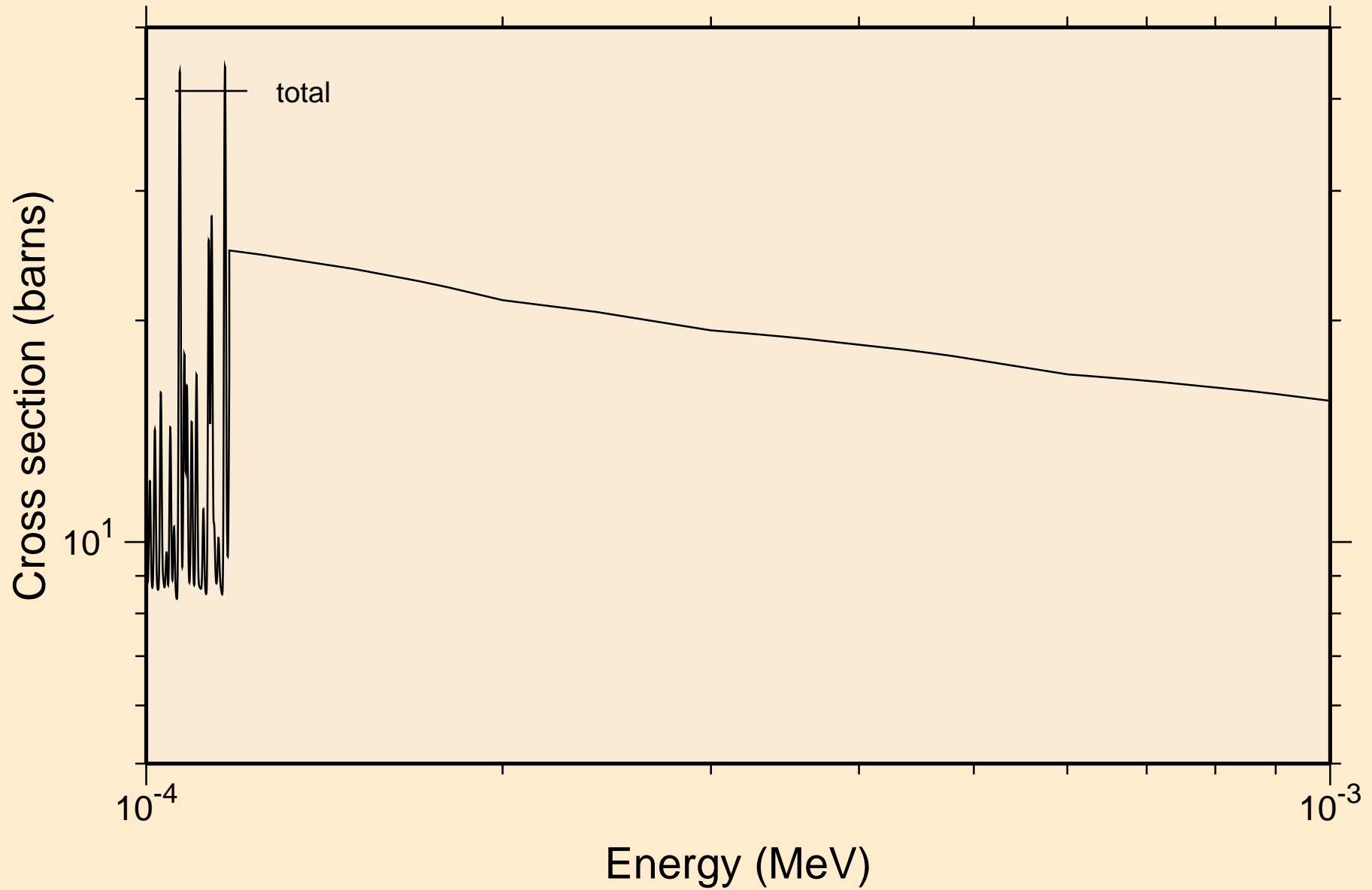
PA229 NRG TENDL-2015, AKONING  
resonance total cross section



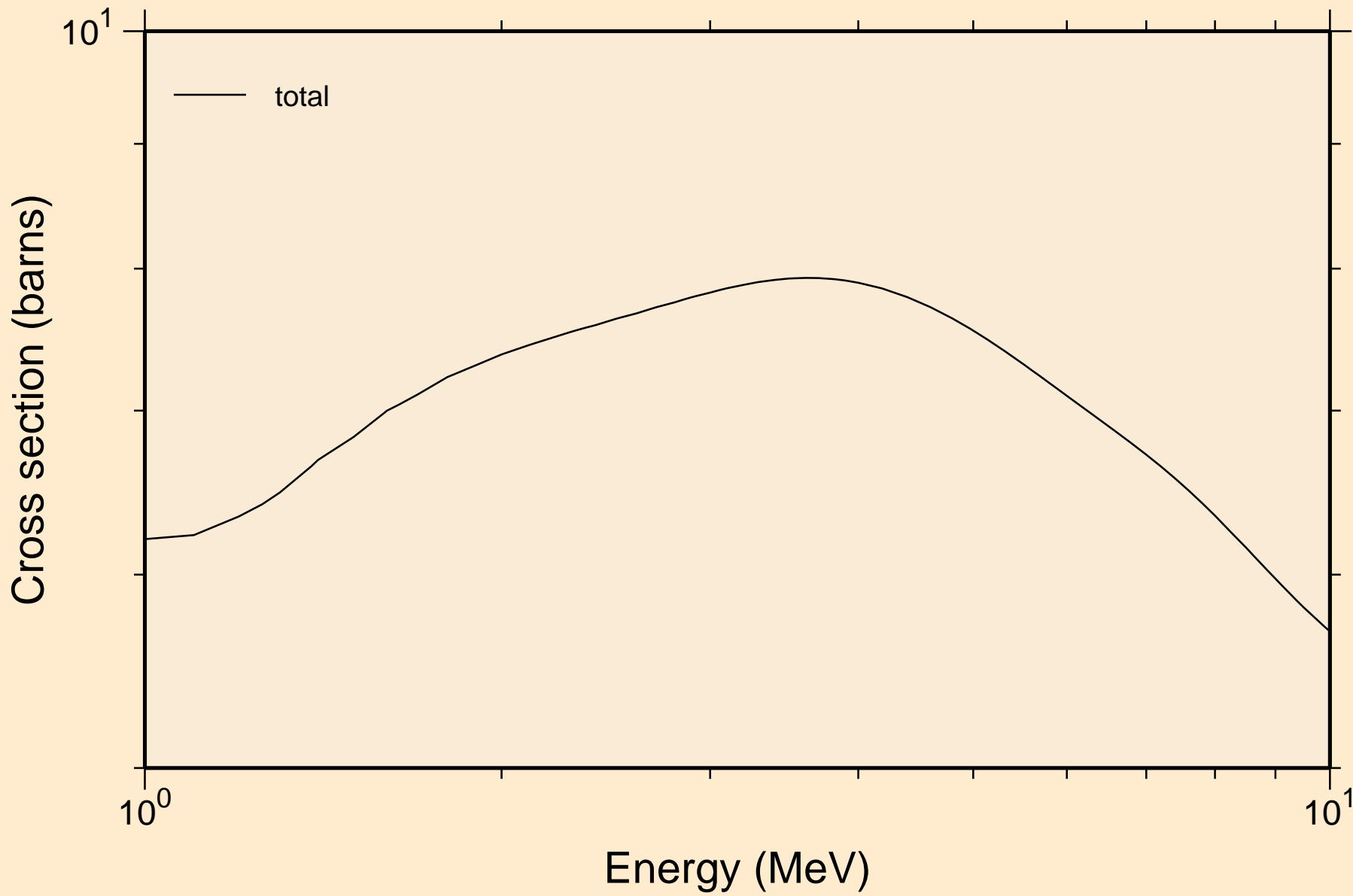
PA229 NRG TENDL-2015, AKONING  
resonance total cross section



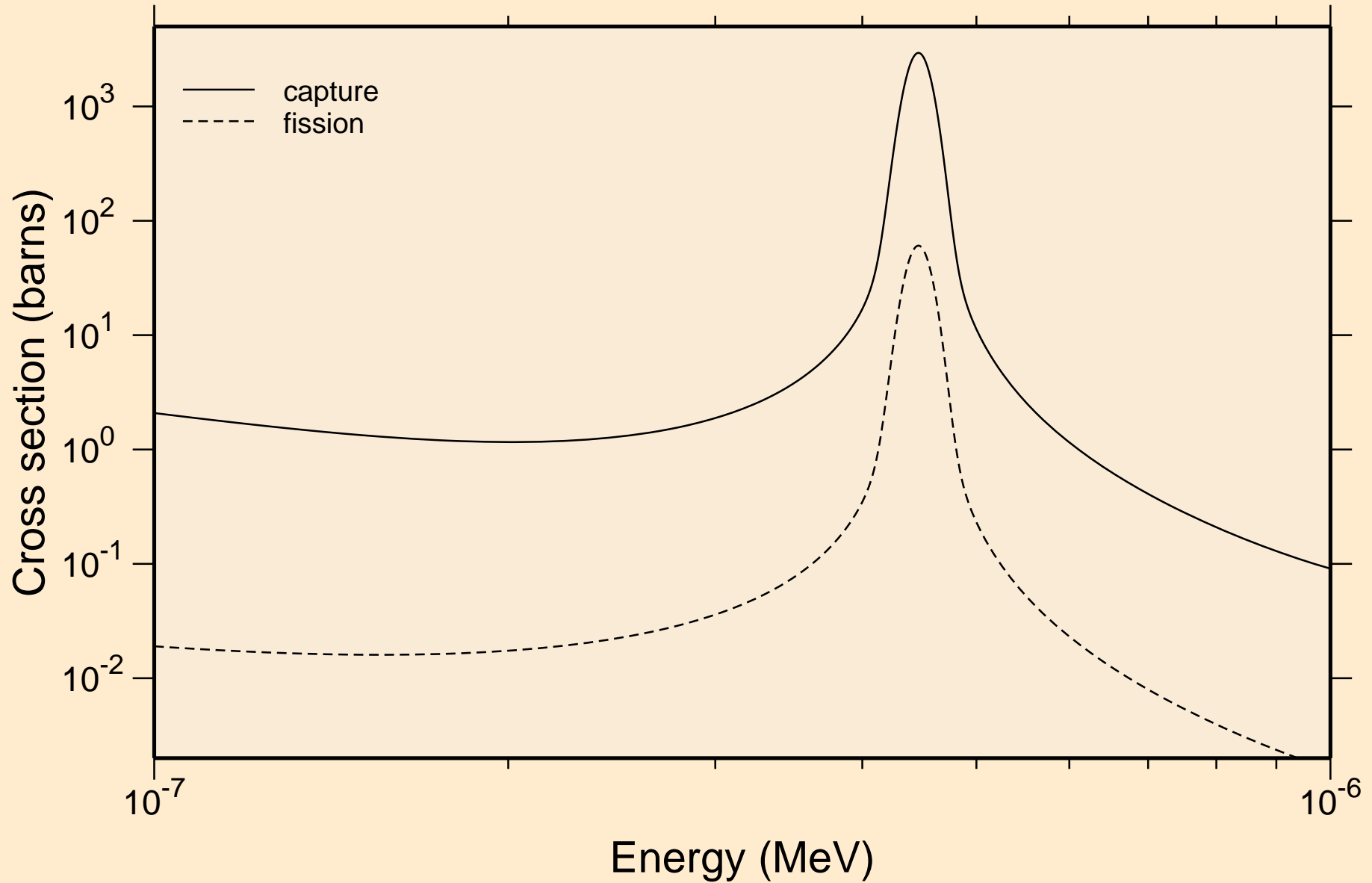
PA229 NRG TENDL-2015, AKONING  
resonance total cross section



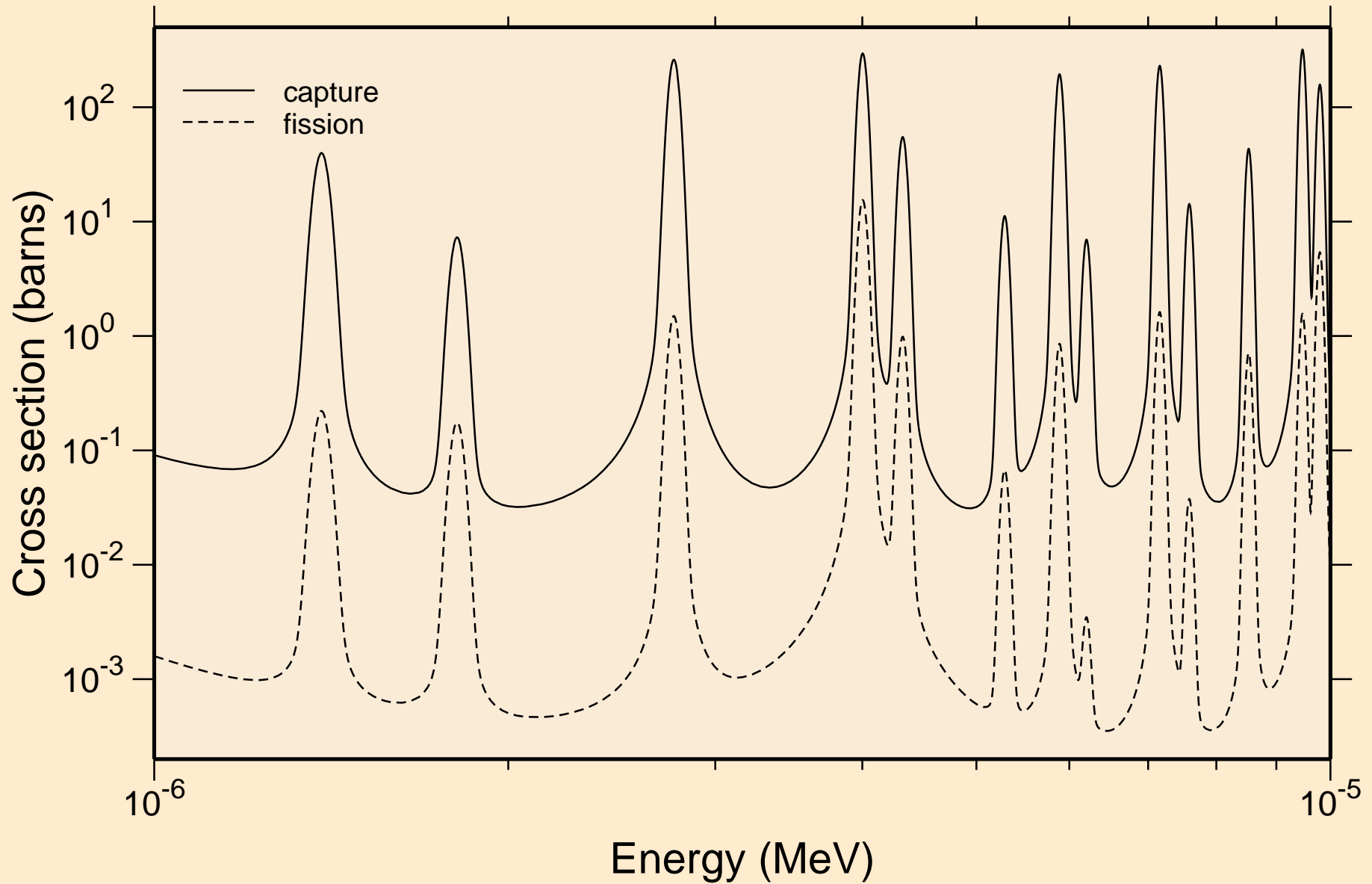
PA229 NRG TENDL-2015, AKONING  
resonance total cross section



PA229 NRG TENDL-2015, AKONING  
resonance absorption cross sections

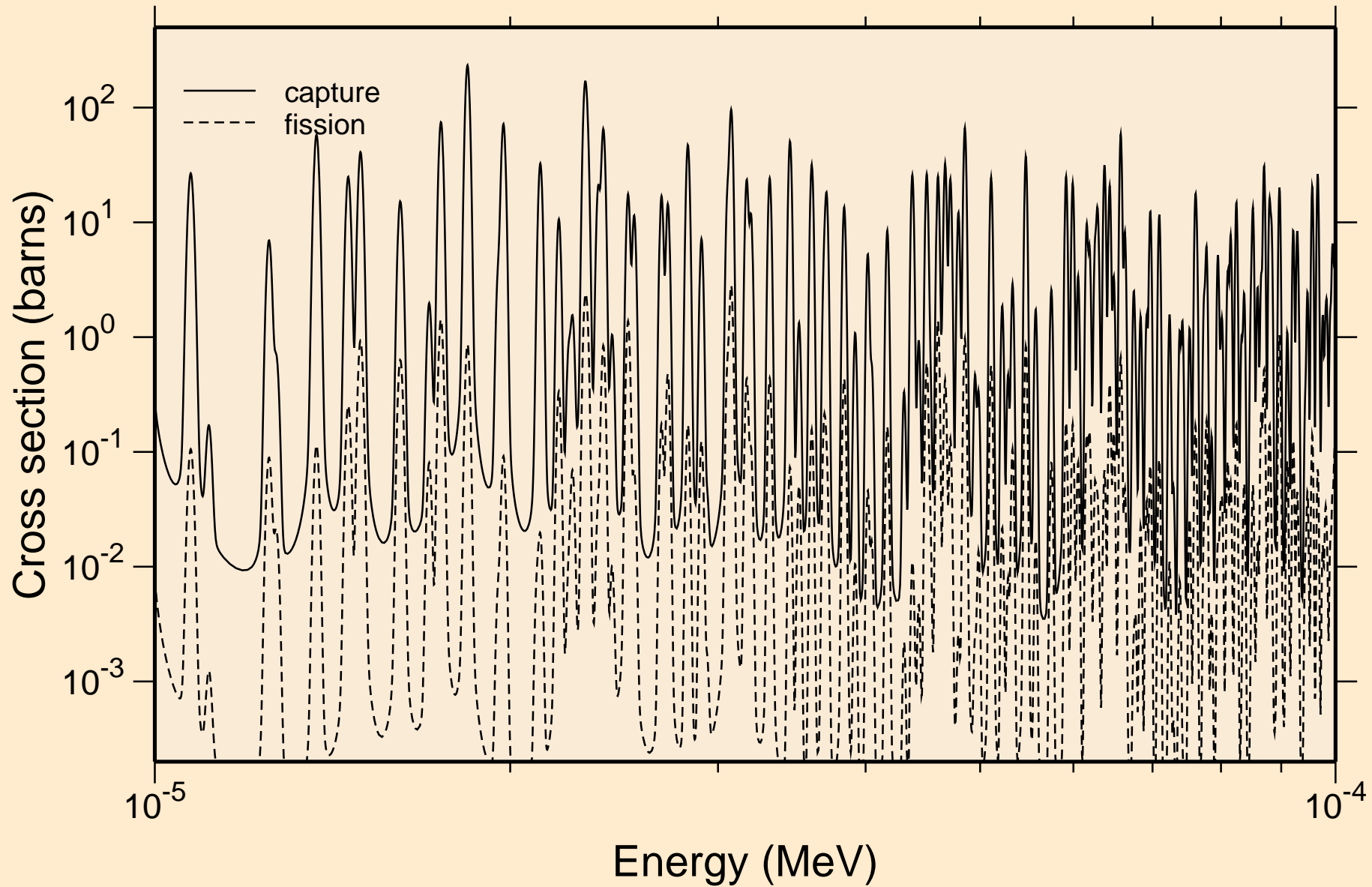


PA229 NRG TENDL-2015, AKONING  
resonance absorption cross sections

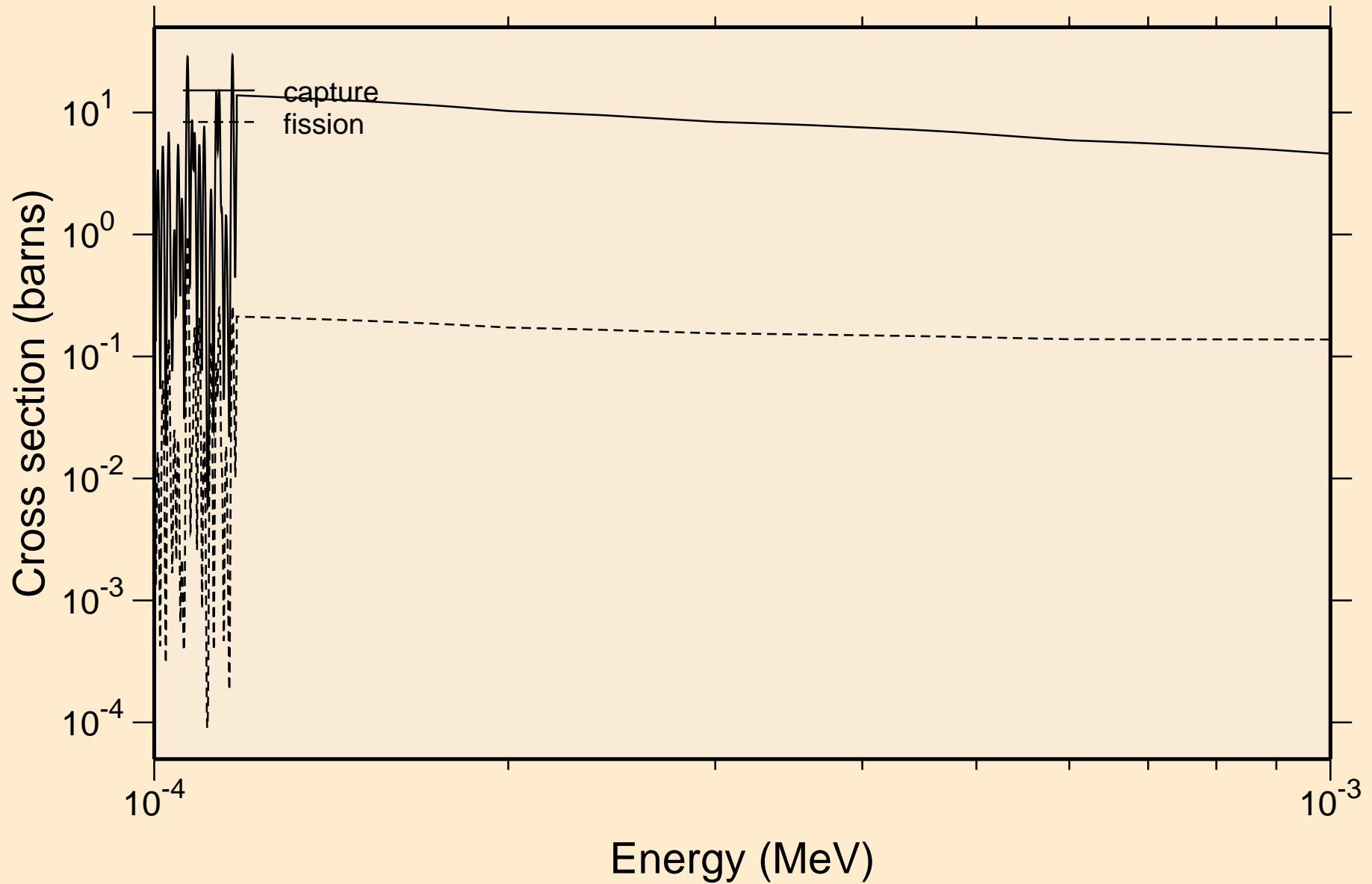




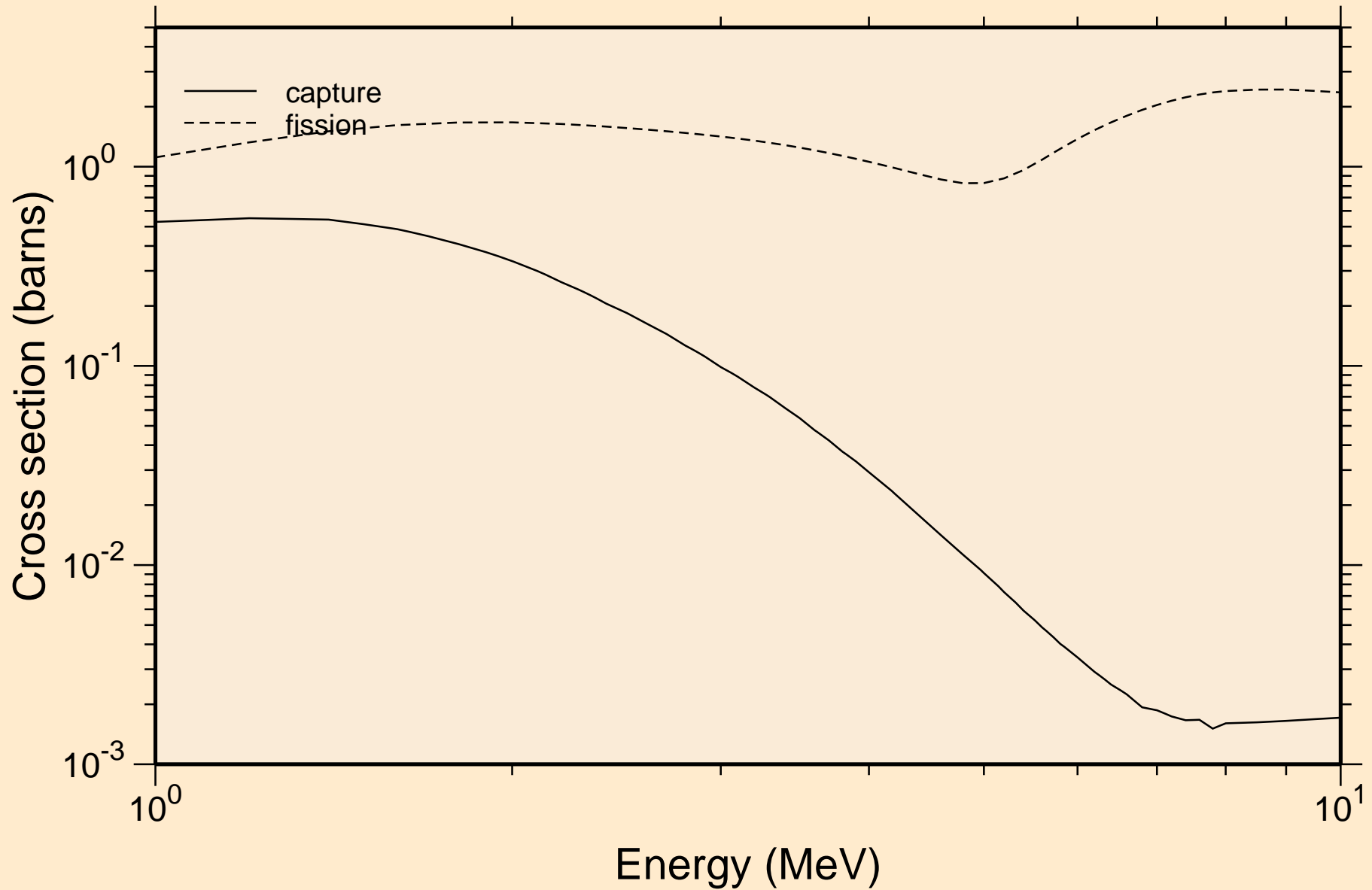
PA229 NRG TENDL-2015, AKONING  
resonance absorption cross sections



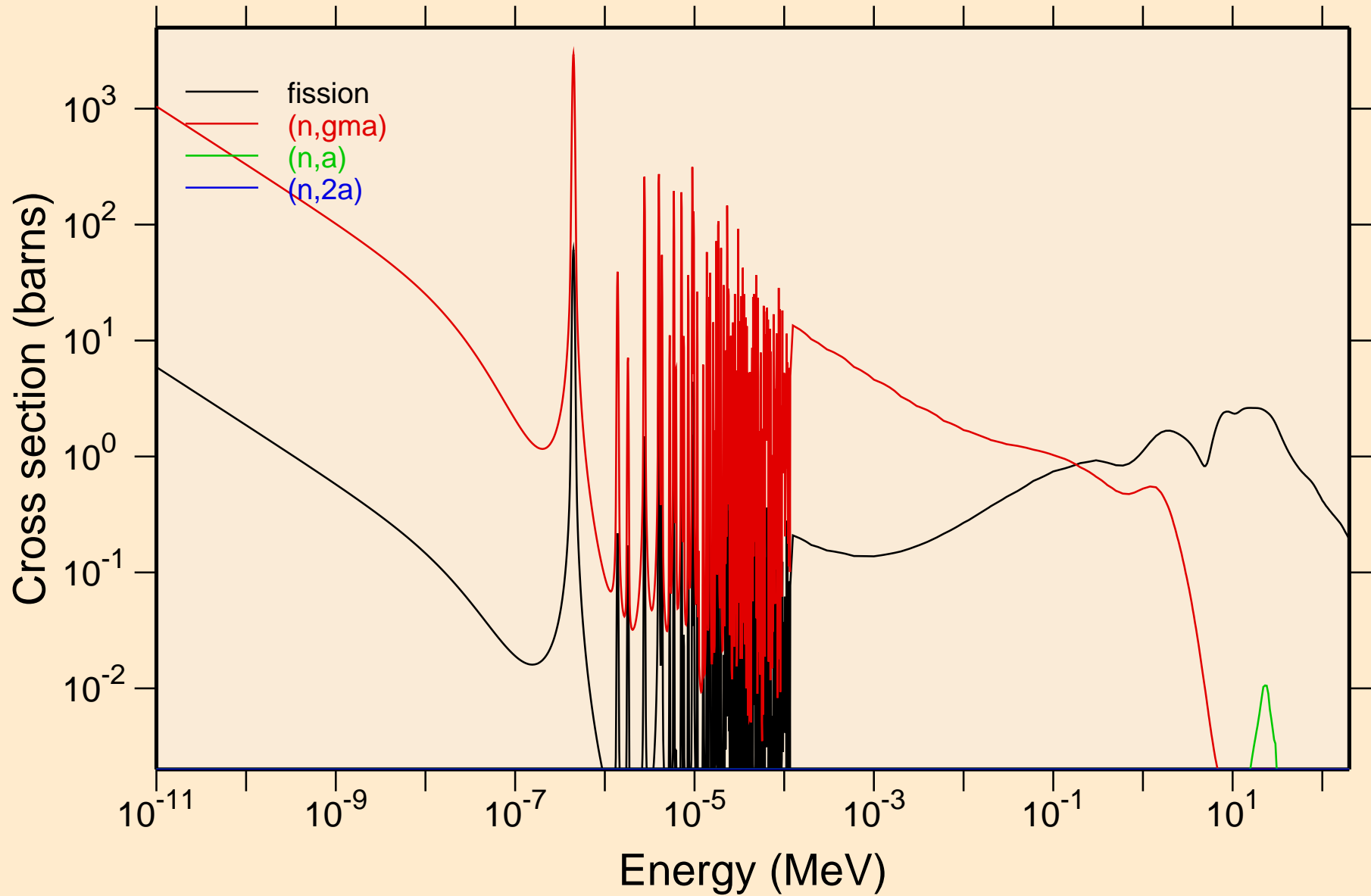
PA229 NRG TENDL-2015, AKONING  
resonance absorption cross sections



PA229 NRG TENDL-2015, AKONING  
resonance absorption cross sections

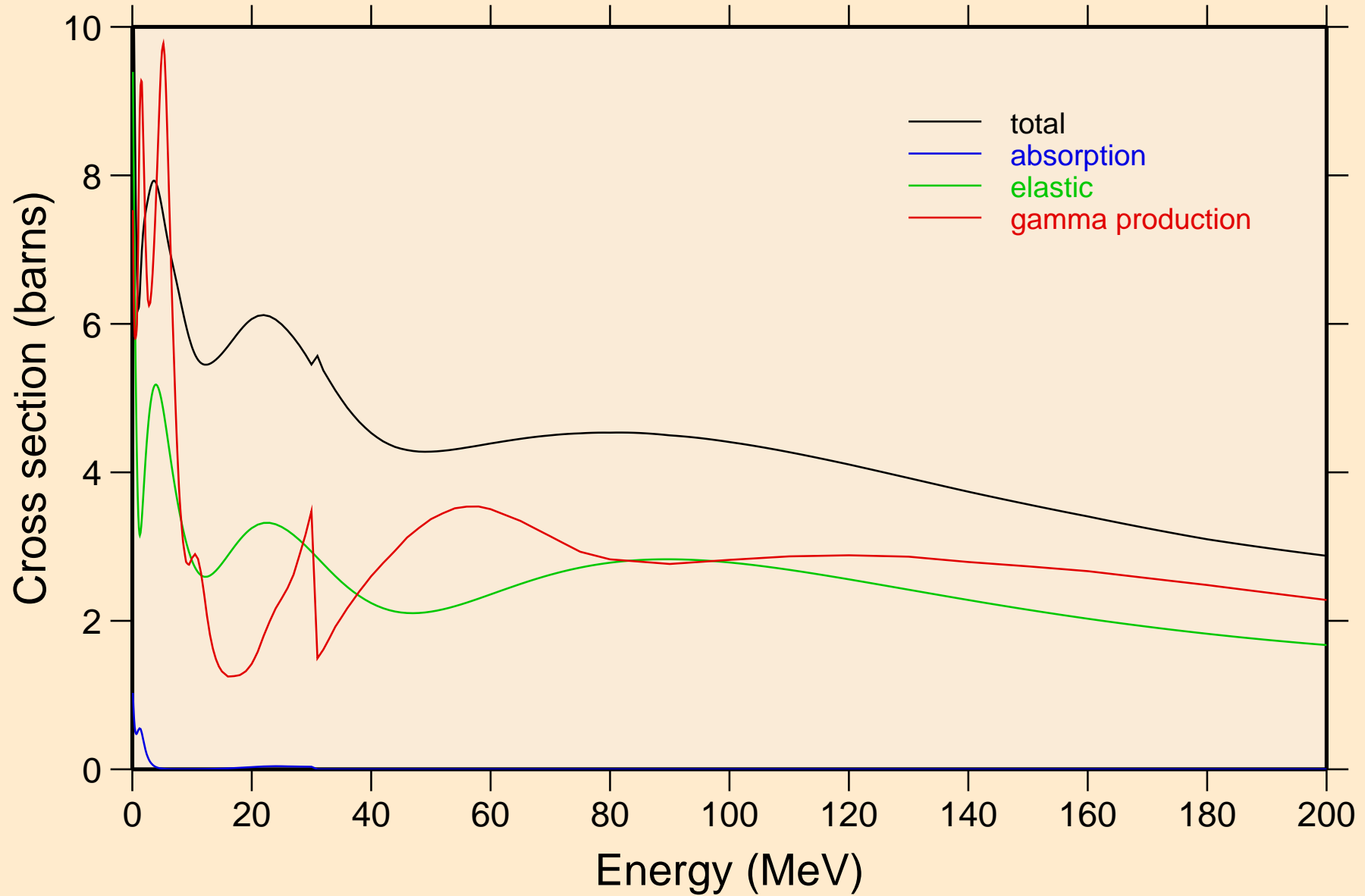


PA229 NRG TENDL-2015, AKONING  
Non-threshold reactions



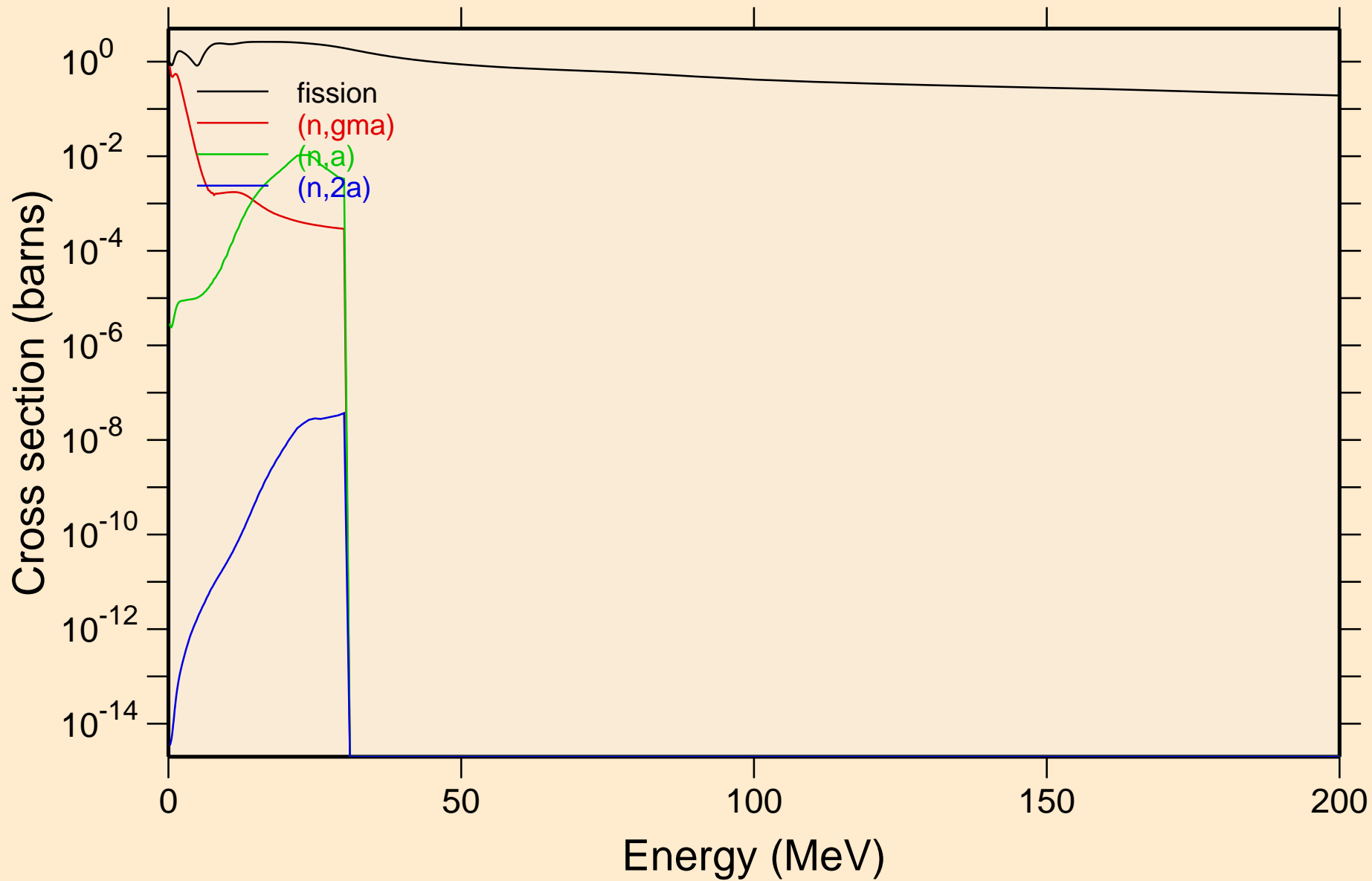
# PA229 NRG TENDL-2015, AKONING

## Principal cross sections



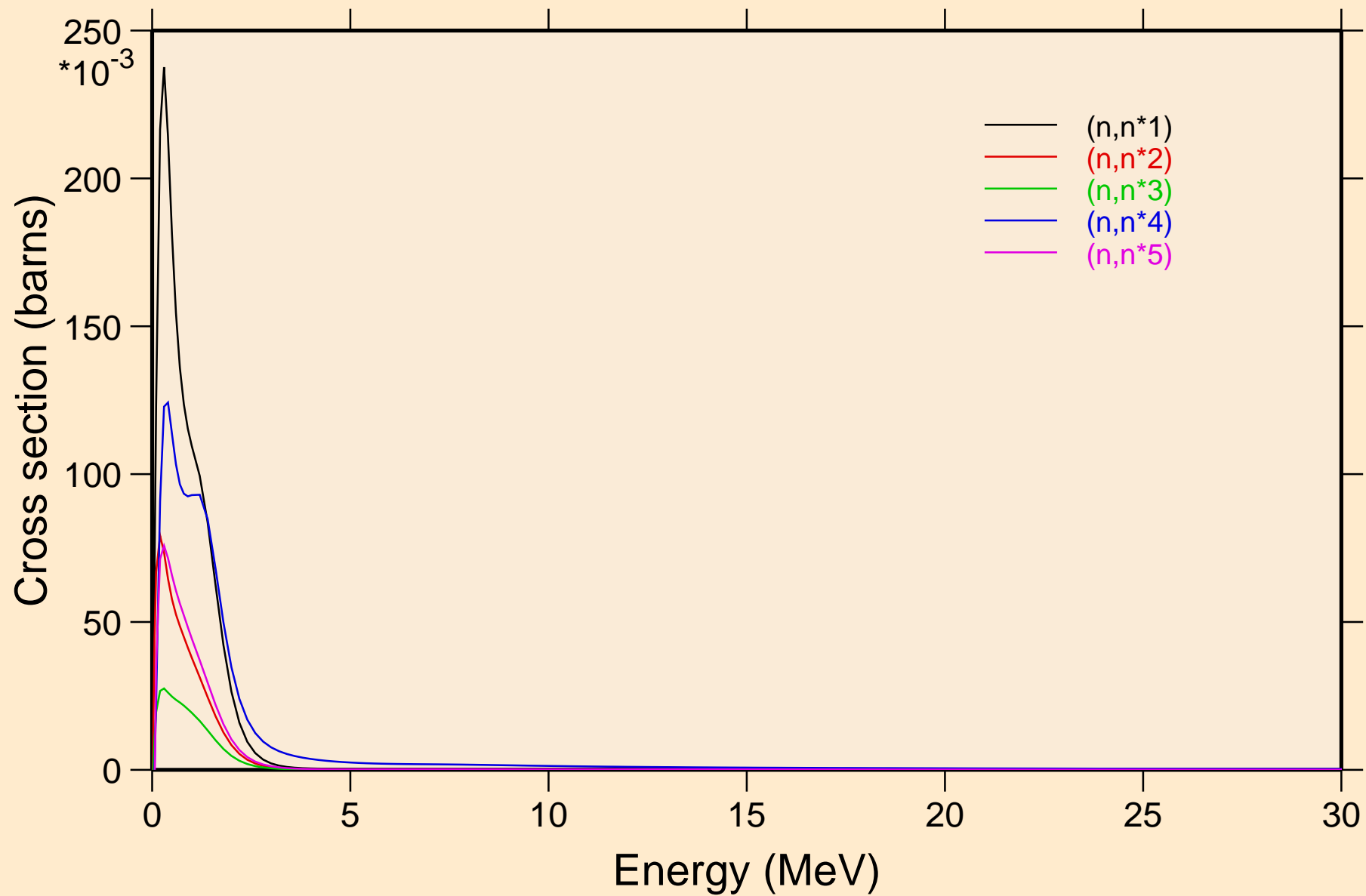
# PA229 NRG TENDL-2015, AKONING

## Non-threshold reactions



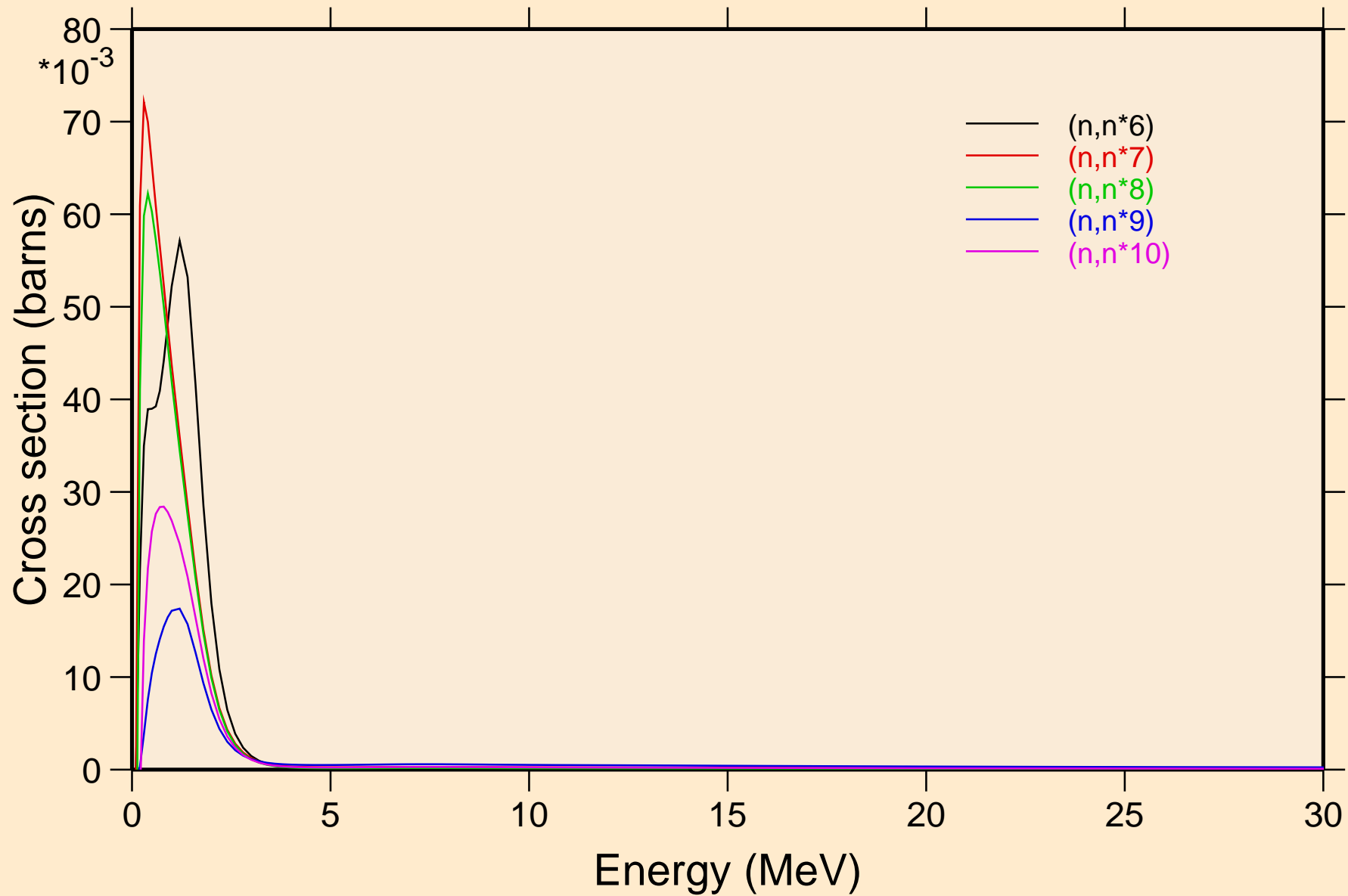
# PA229 NRG TENDL-2015, AKONING

## Inelastic levels



# PA229 NRG TENDL-2015, AKONING

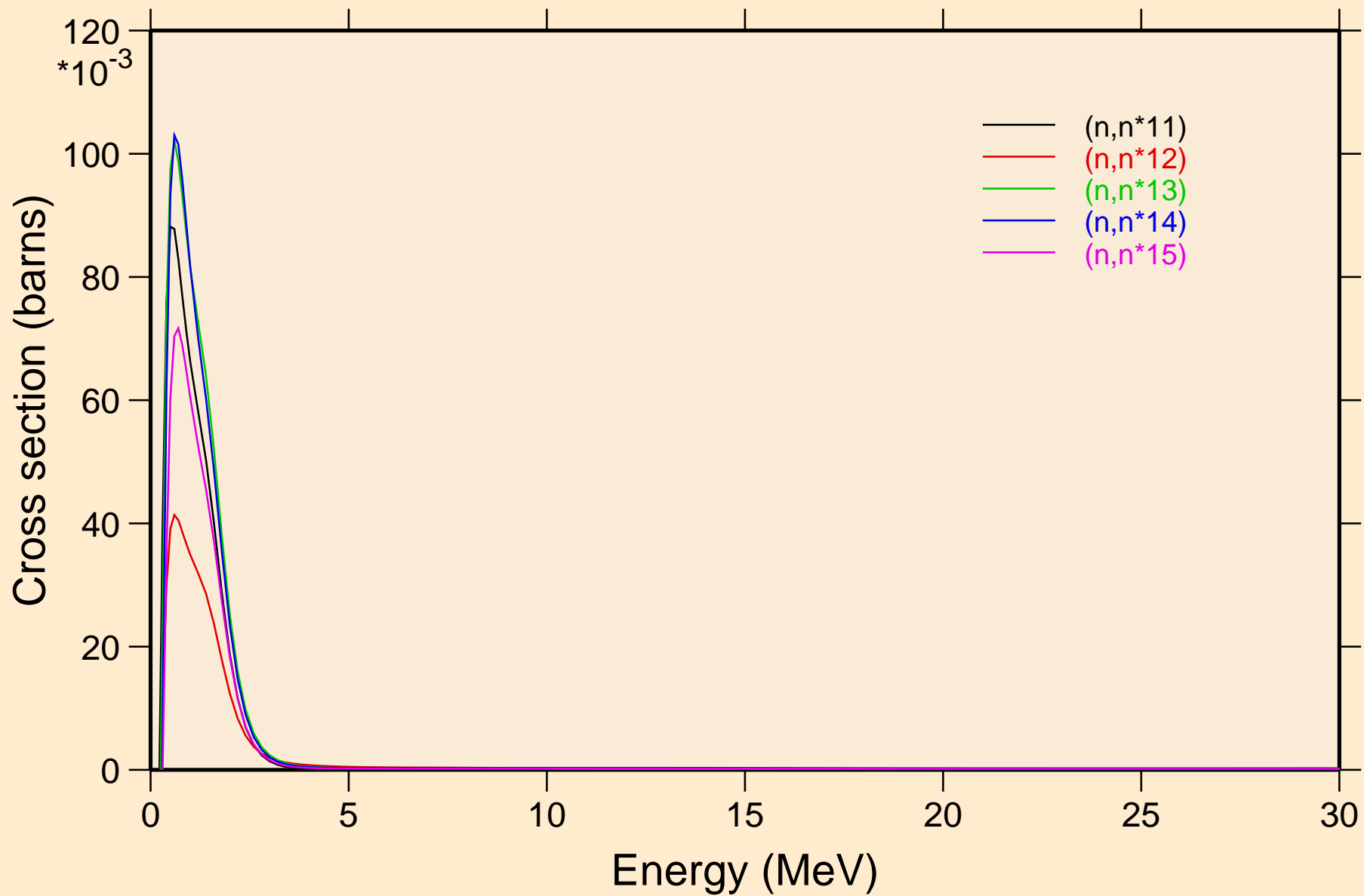
## Inelastic levels





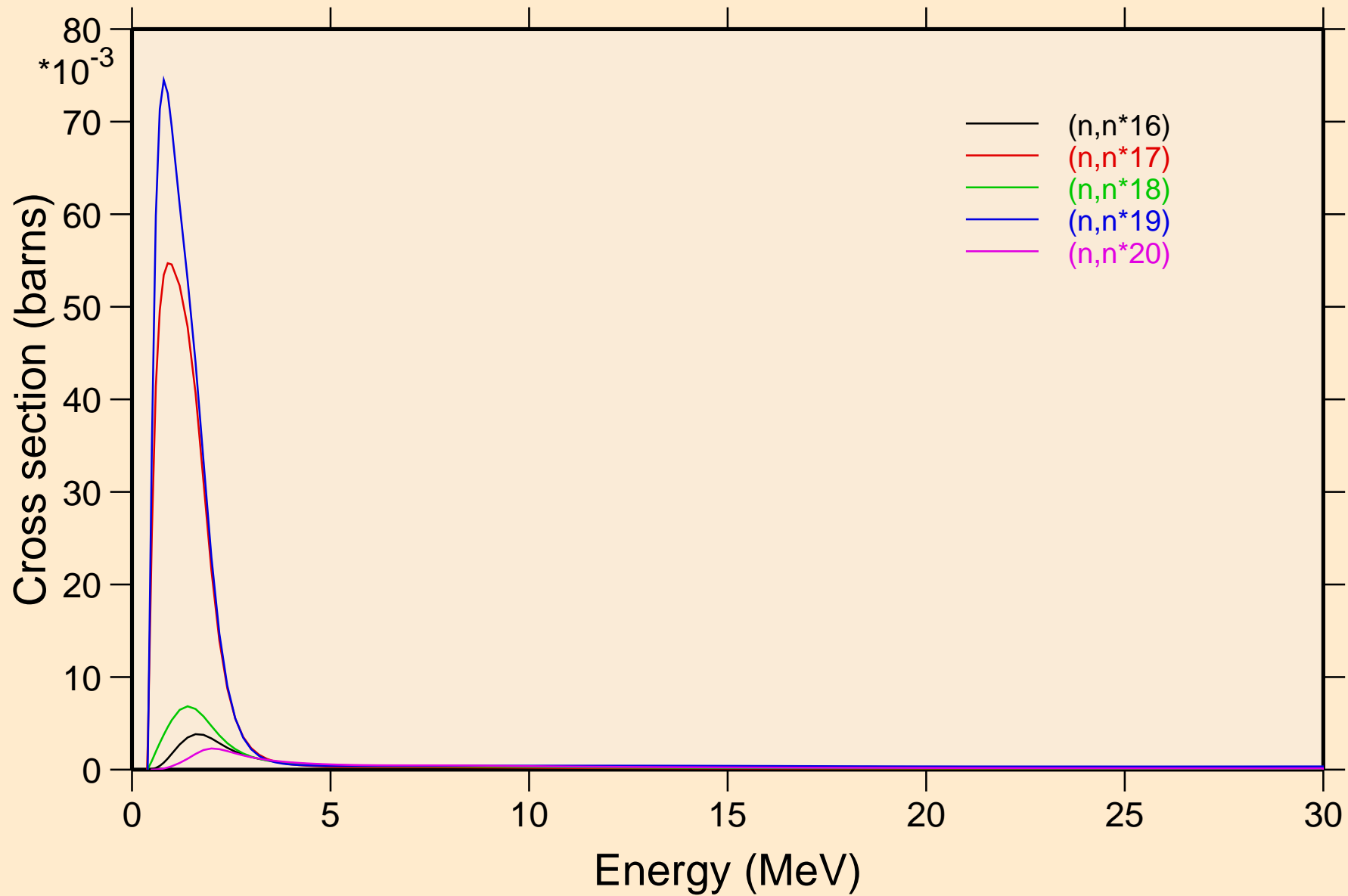
# PA229 NRG TENDL-2015, AKONING

## Inelastic levels

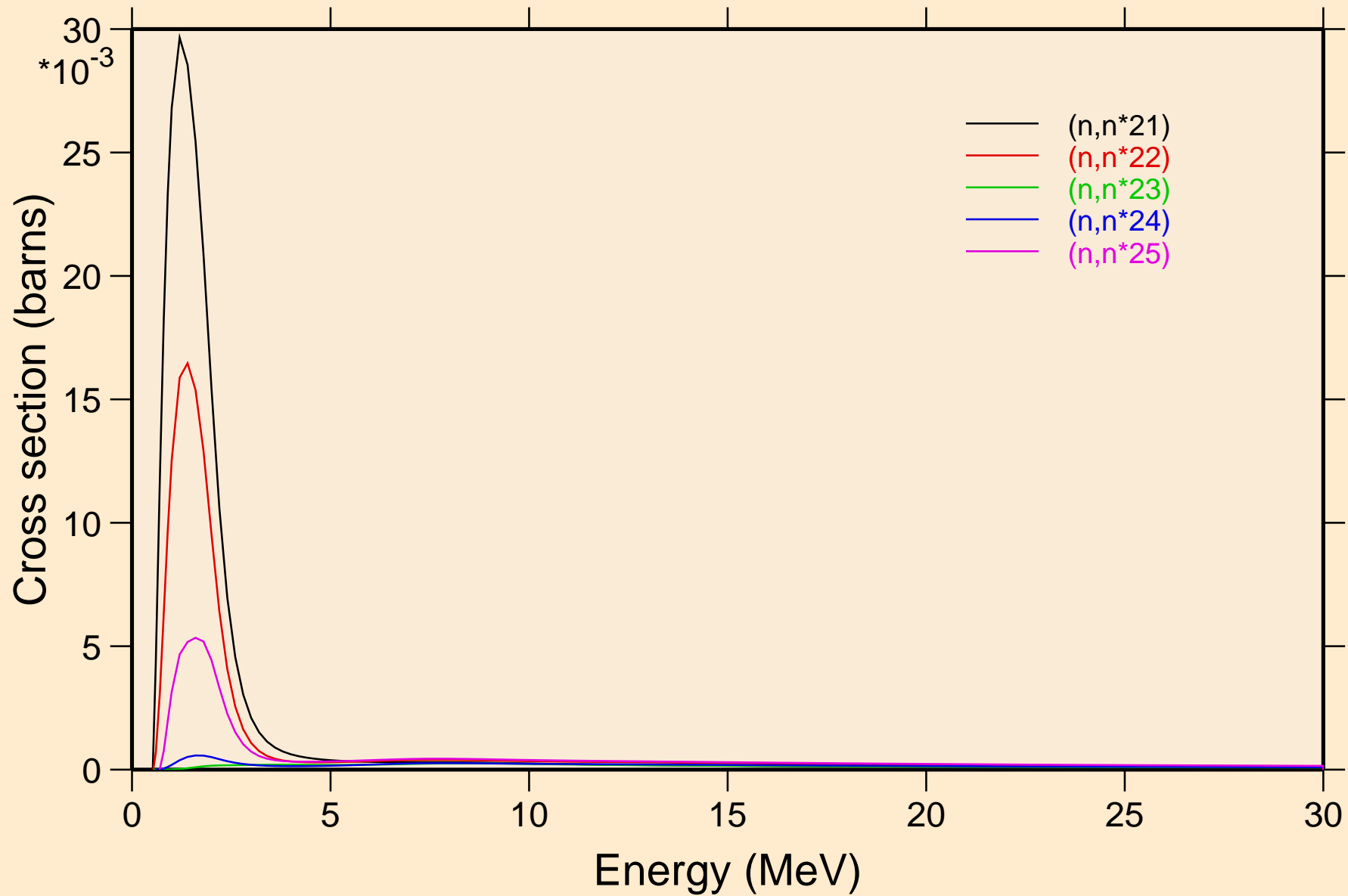


# PA229 NRG TENDL-2015, AKONING

## Inelastic levels

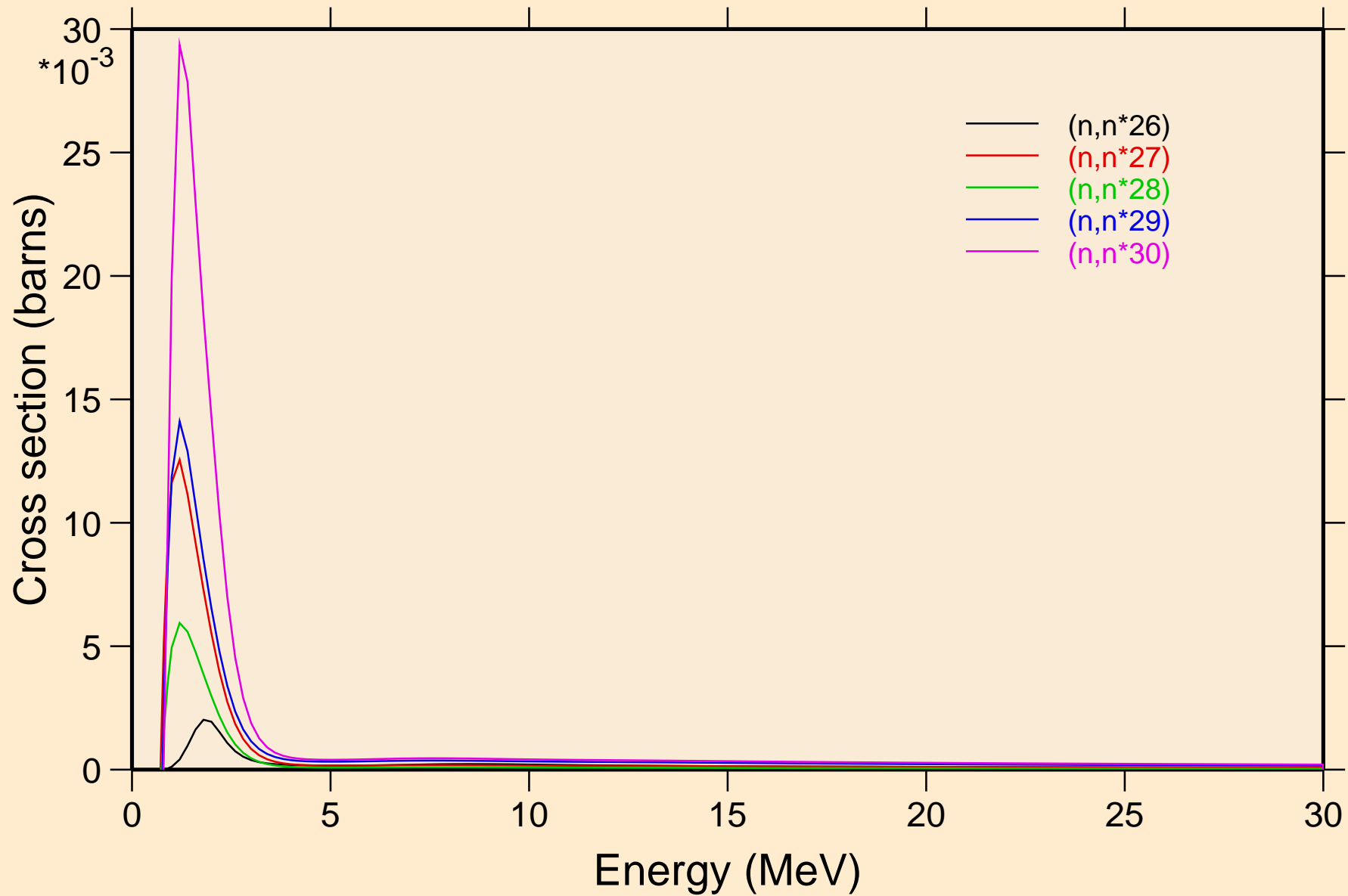


PA229 NRG TENDL-2015, AKONING  
Inelastic levels



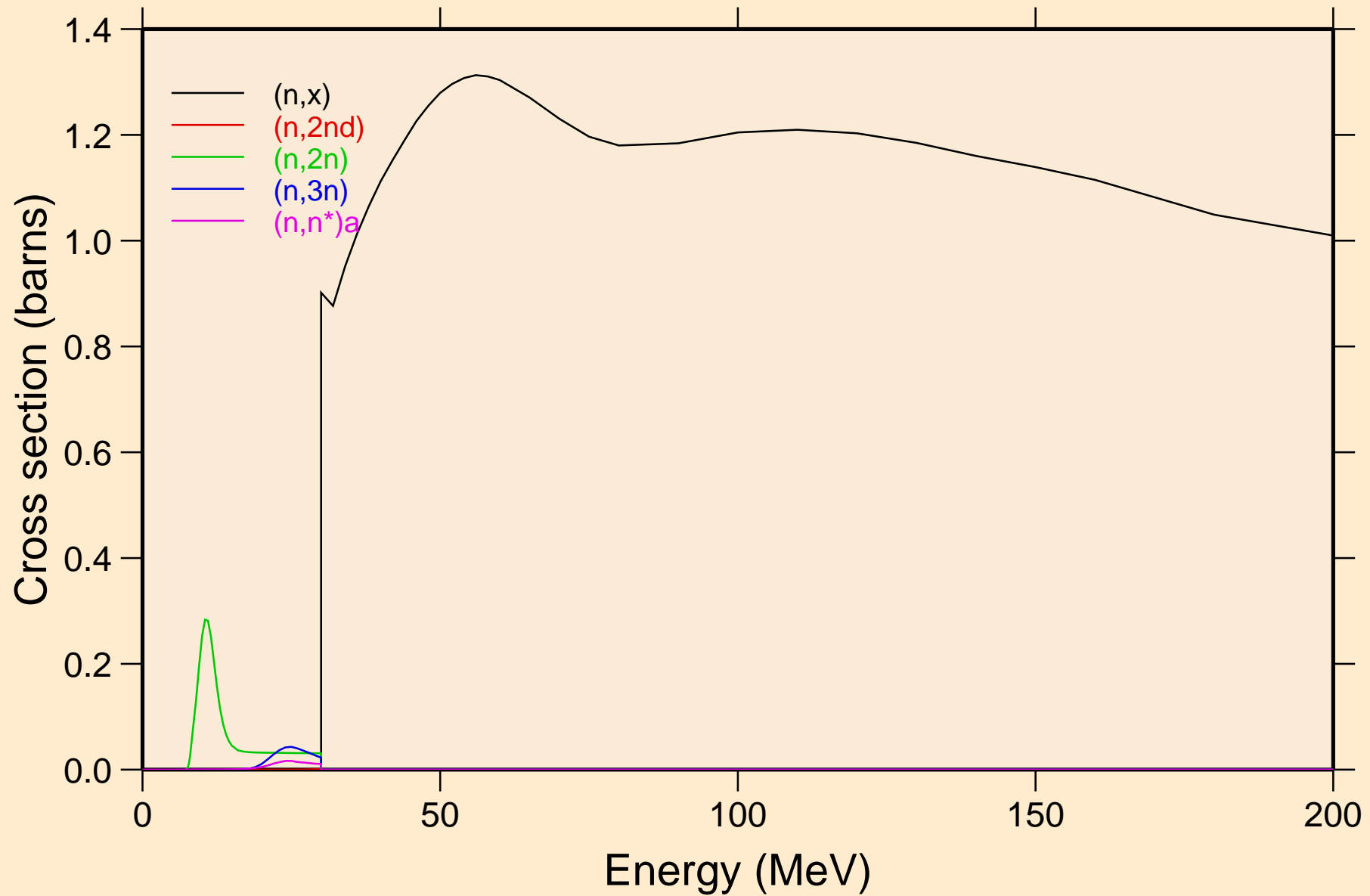
# PA229 NRG TENDL-2015, AKONING

## Inelastic levels



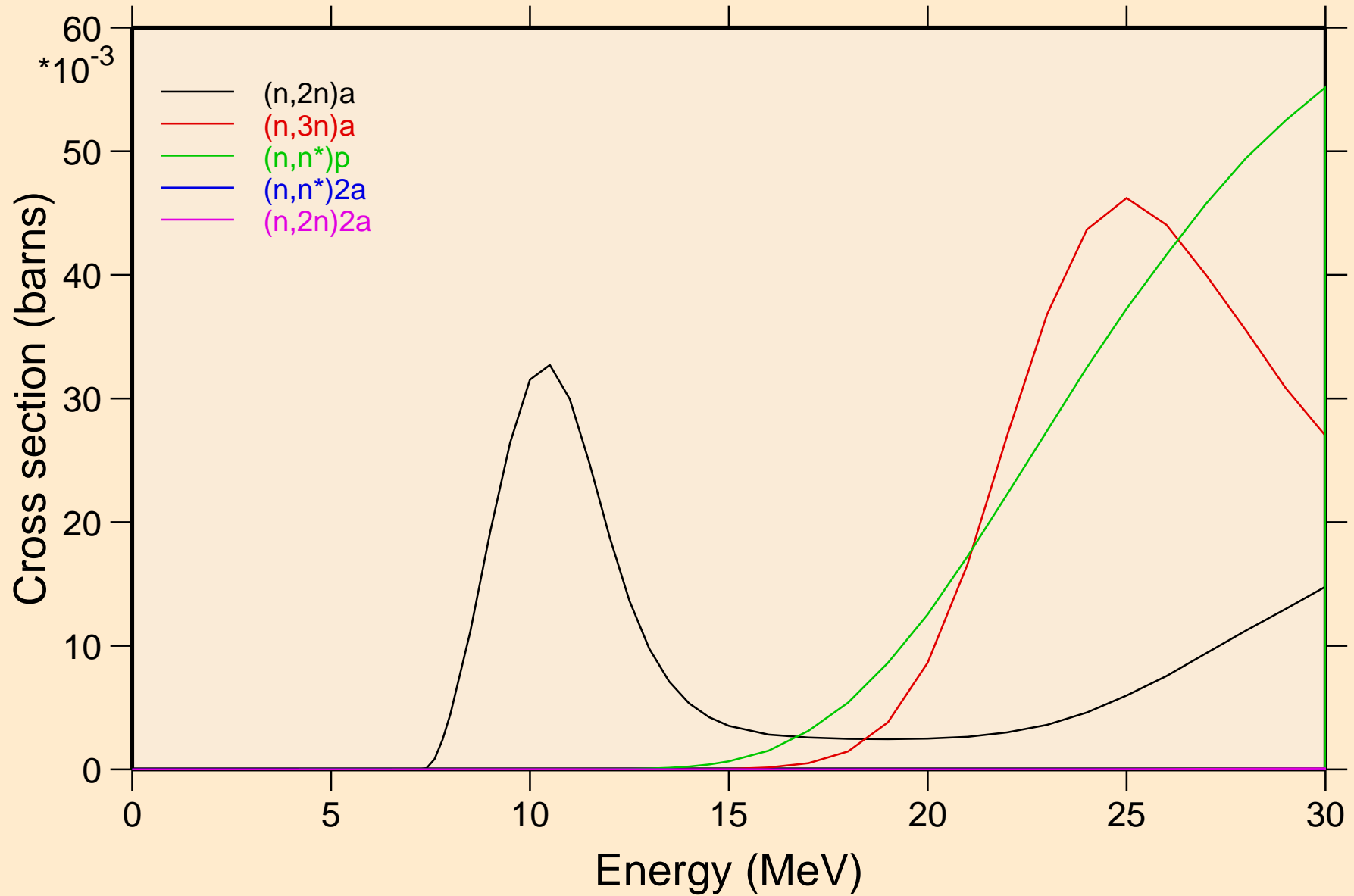
# PA229 NRG TENDL-2015, AKONING

## Threshold reactions



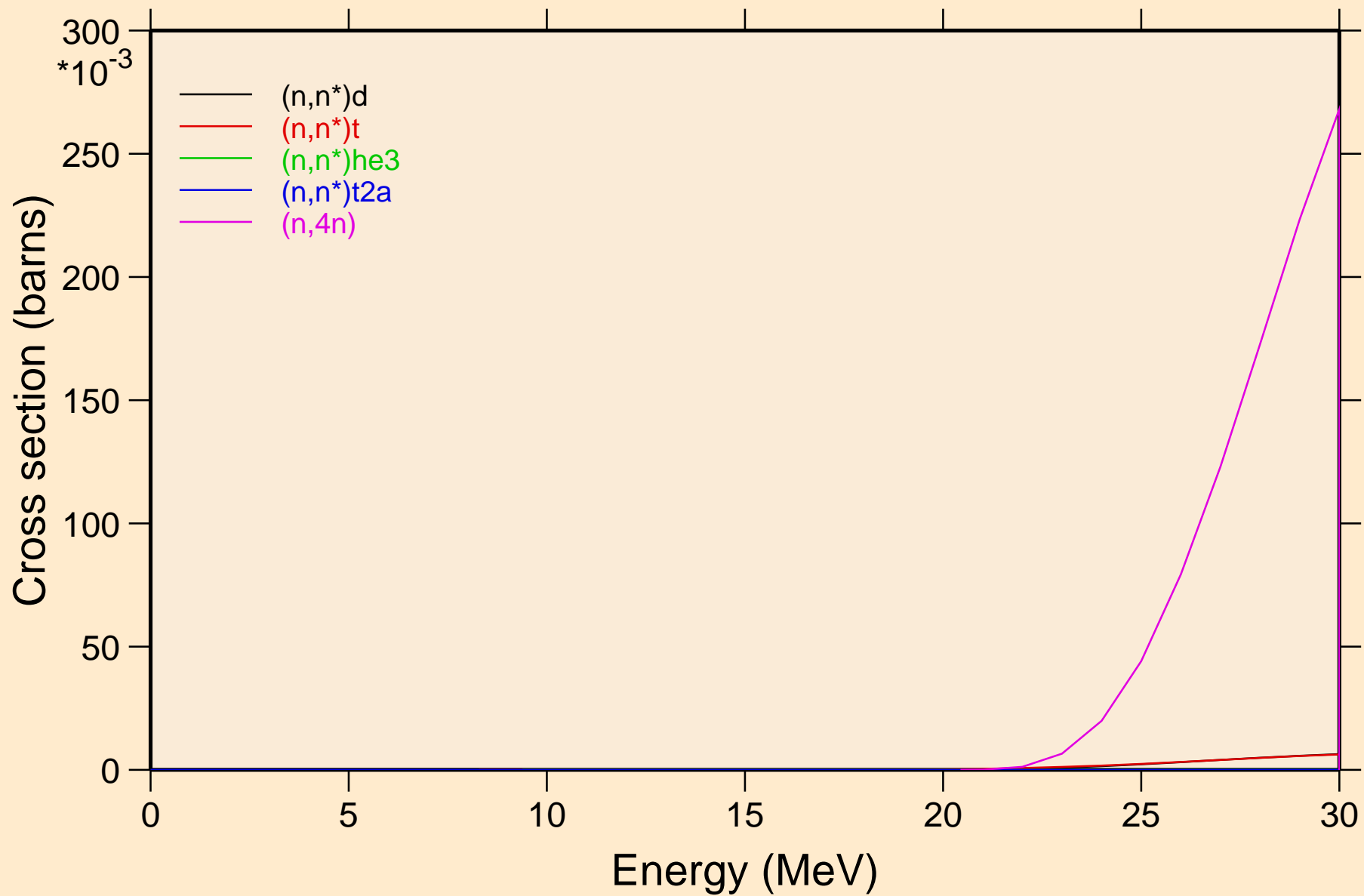
# PA229 NRG TENDL-2015, AKONING

## Threshold reactions



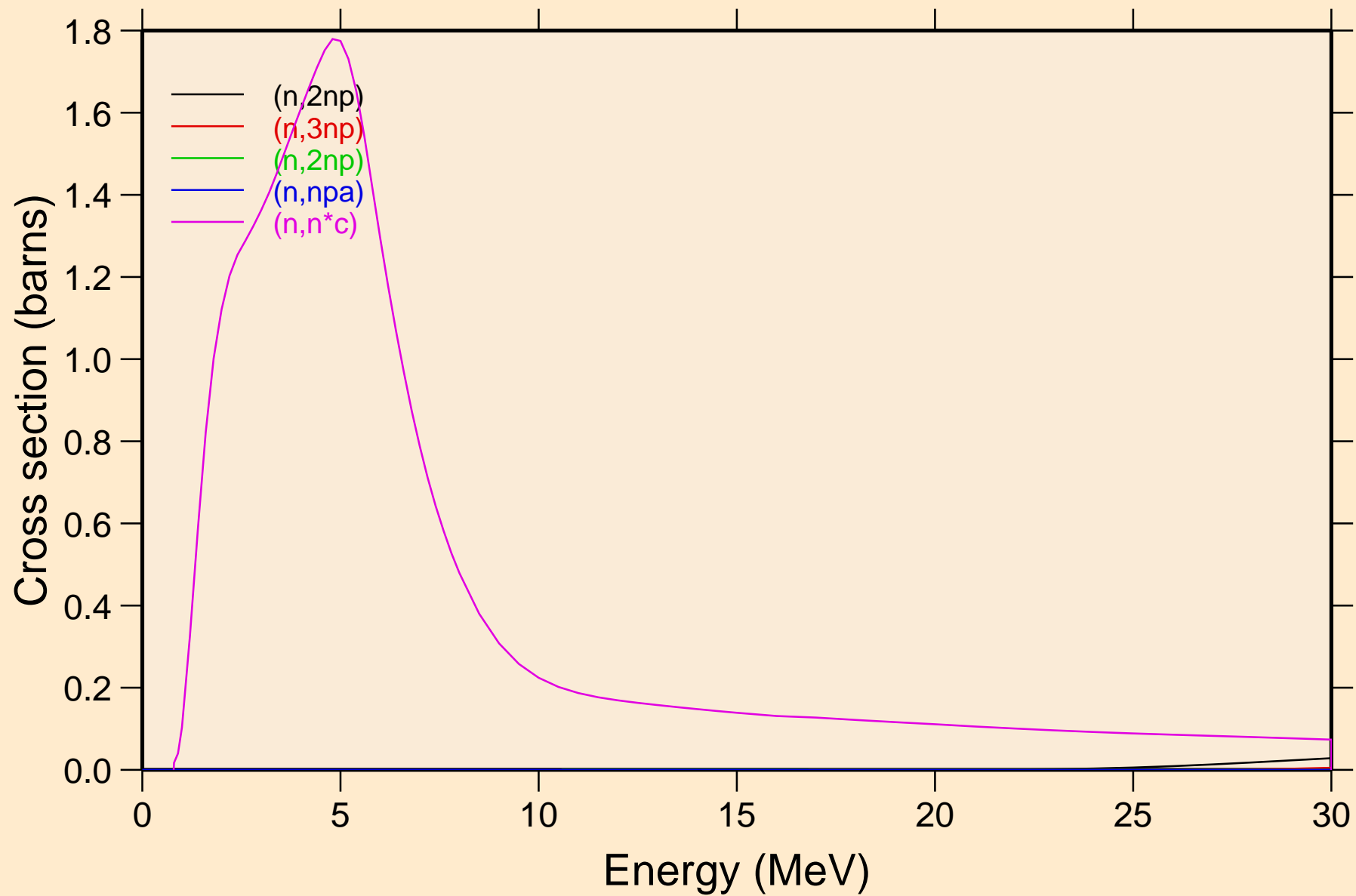
# PA229 NRG TENDL-2015, AKONING

## Threshold reactions



# PA229 NRG TENDL-2015, AKONING

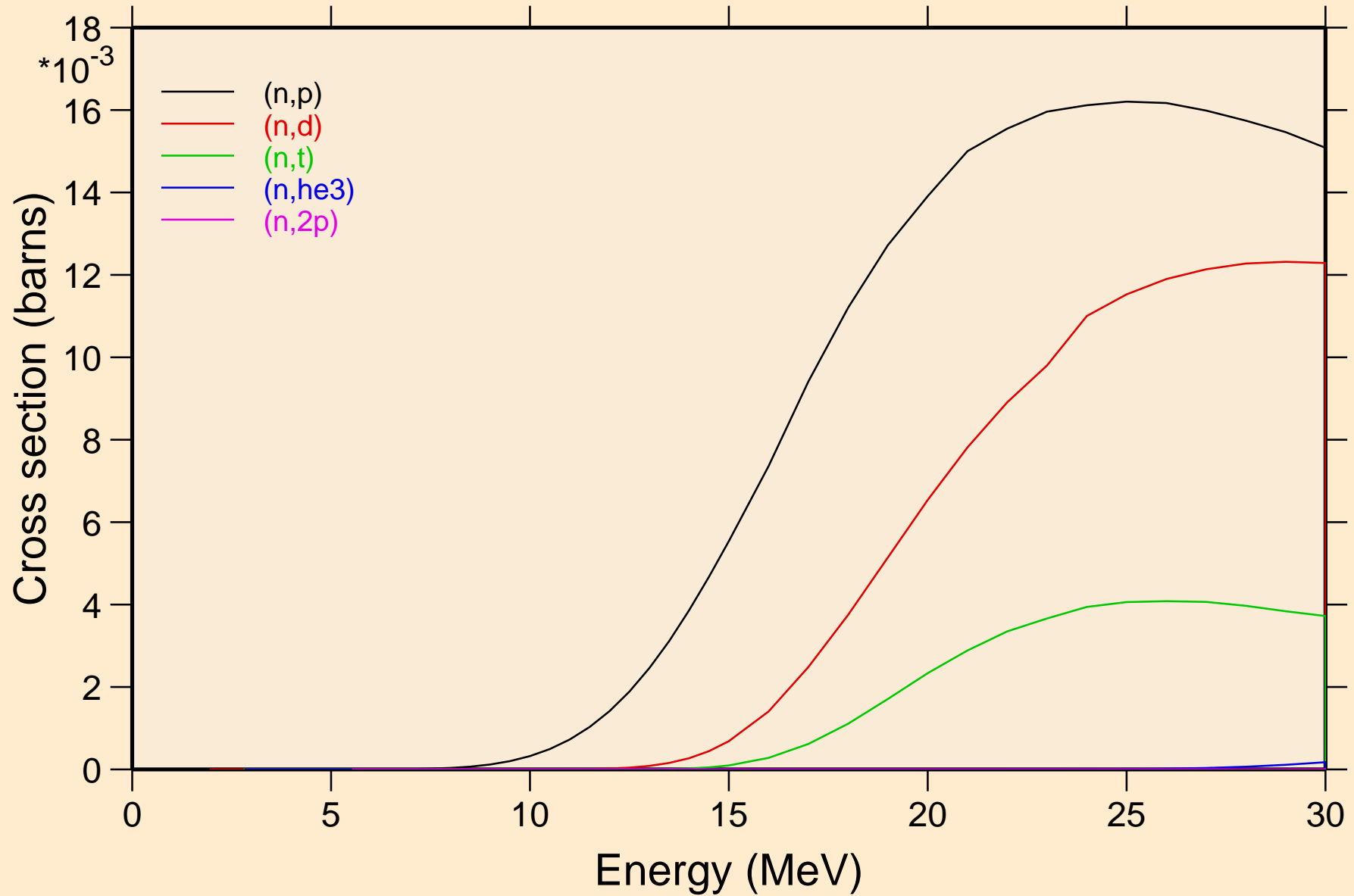
## Threshold reactions





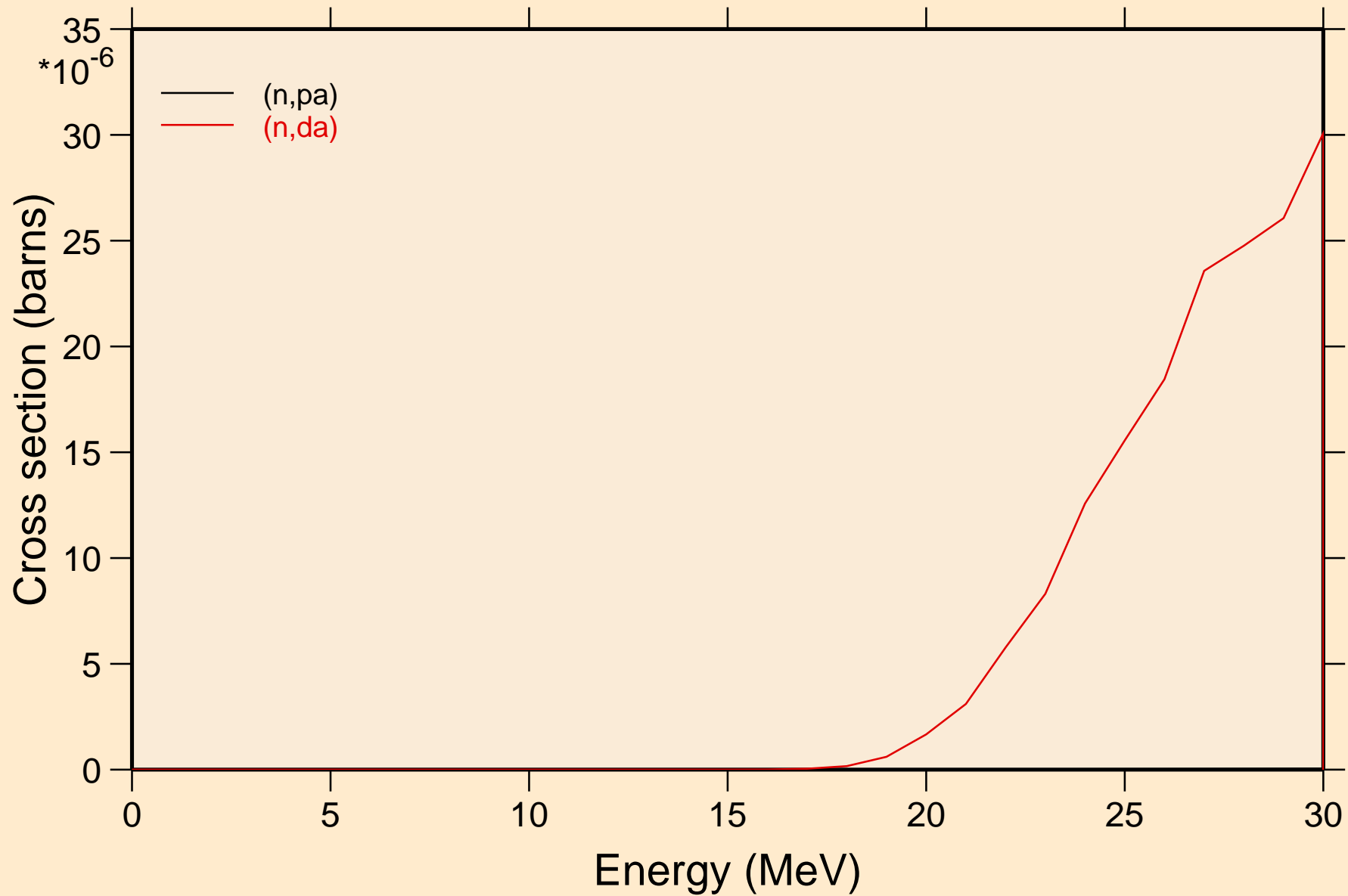
# PA229 NRG TENDL-2015, AKONING

## Threshold reactions

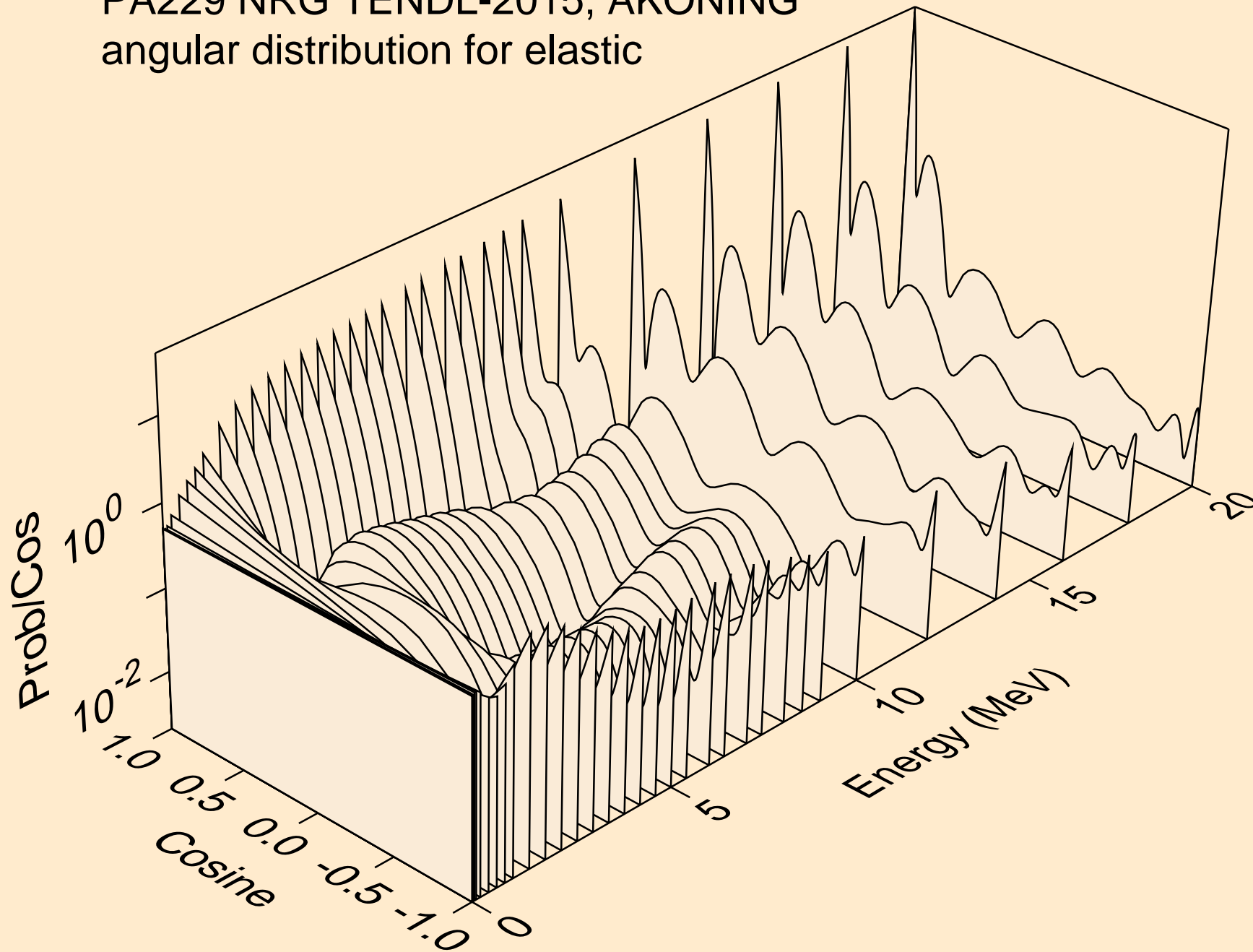


# PA229 NRG TENDL-2015, AKONING

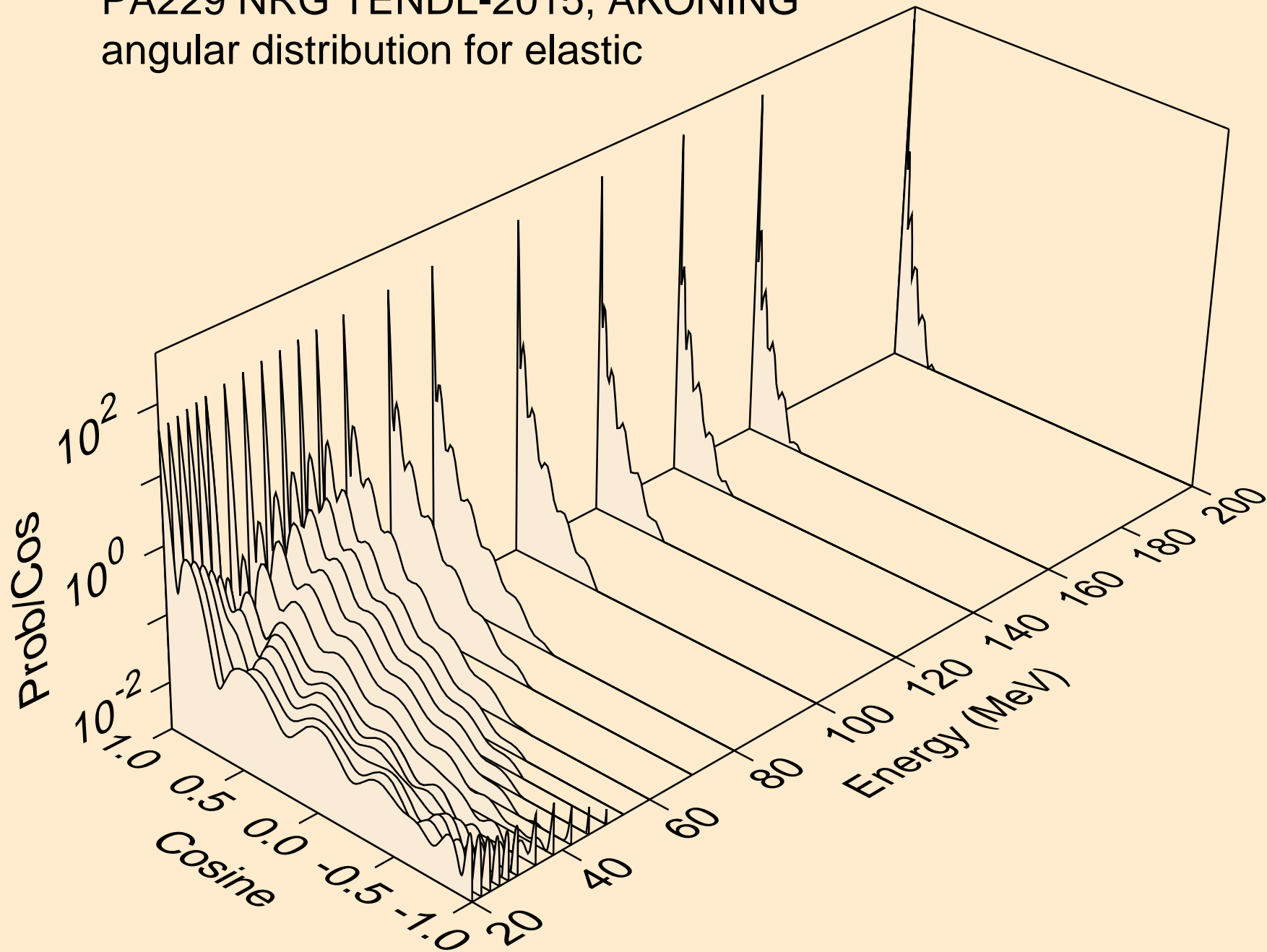
## Threshold reactions



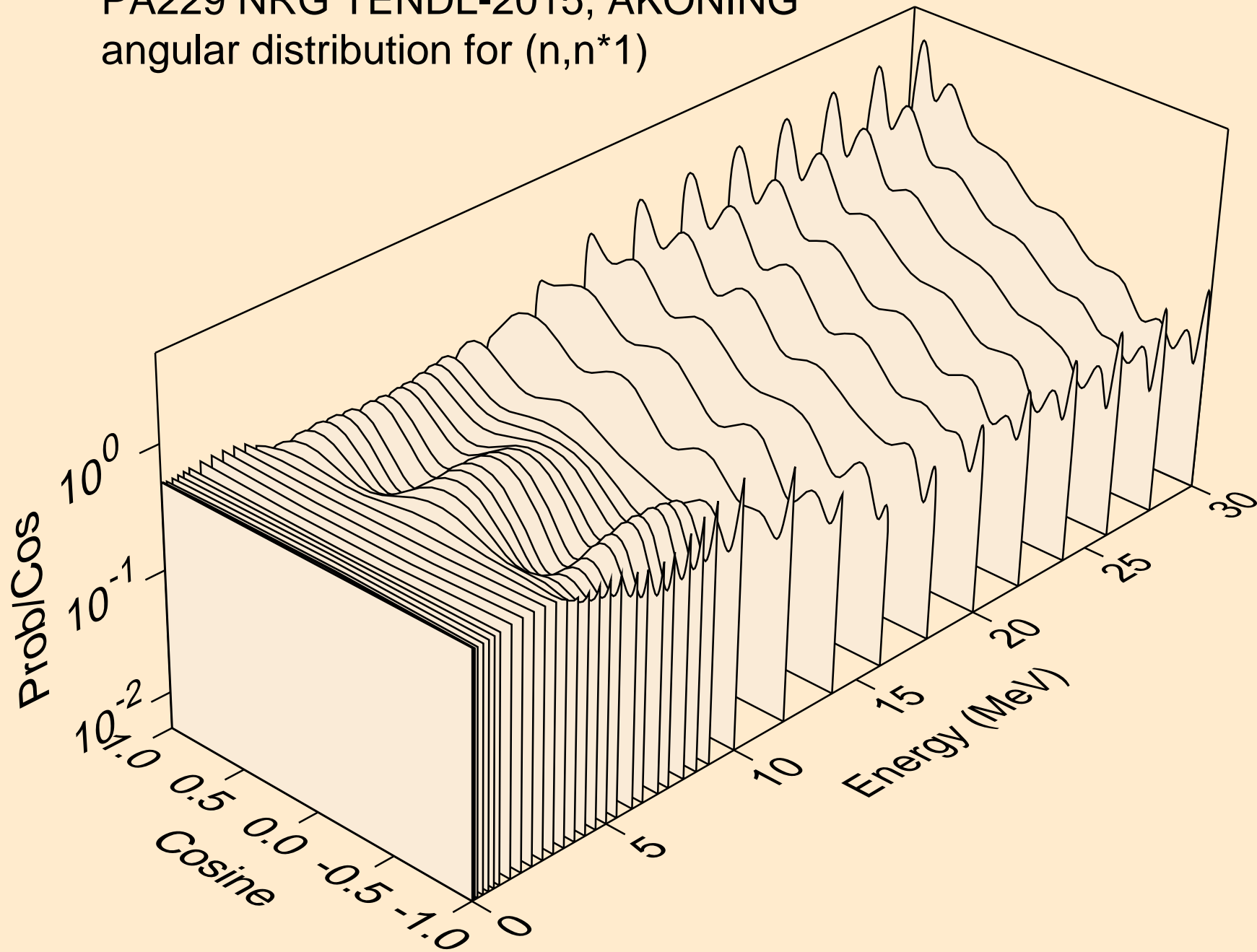
PA229 NRG TENDL-2015, AKONING  
angular distribution for elastic



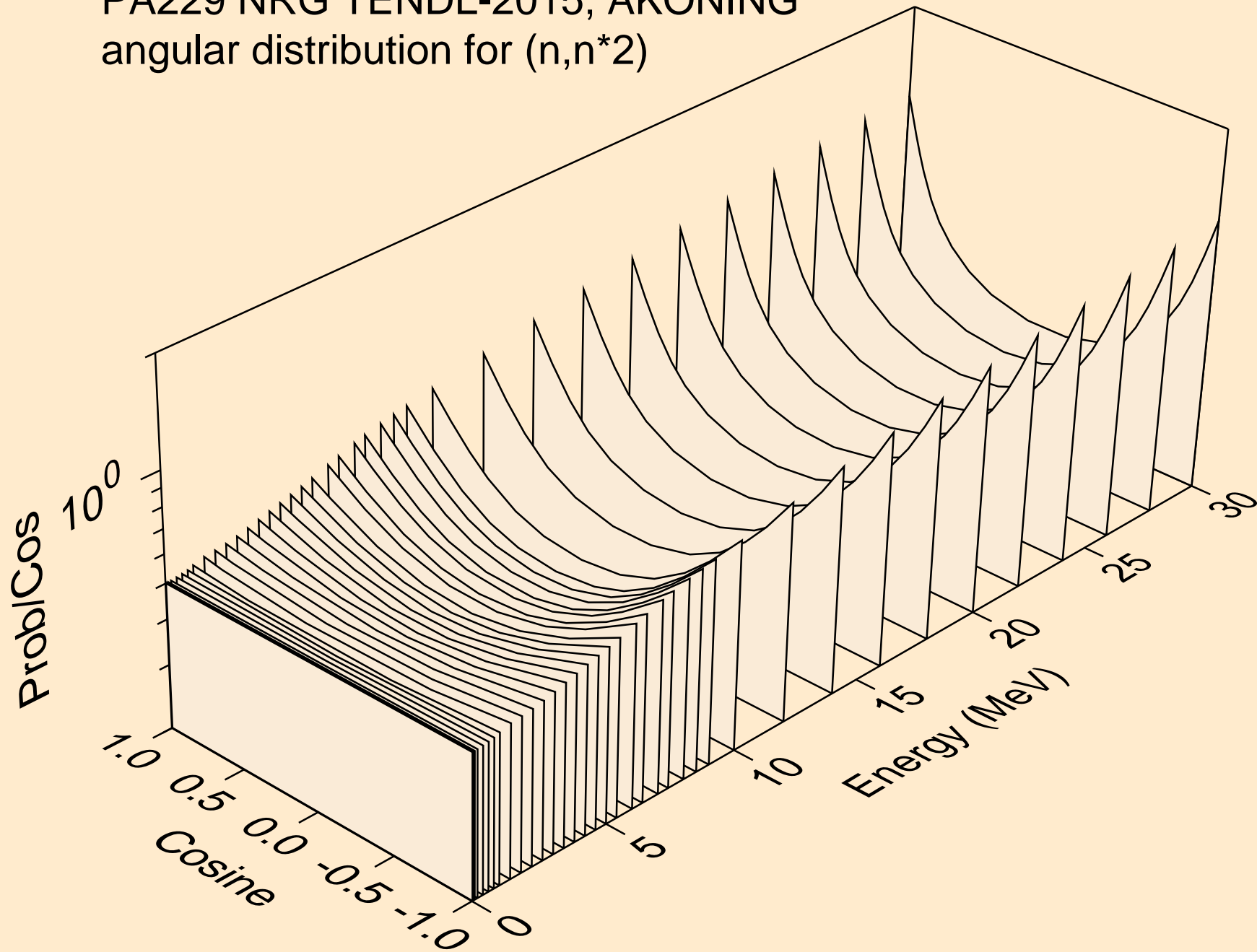
PA229 NRG TENDL-2015, AKONING  
angular distribution for elastic



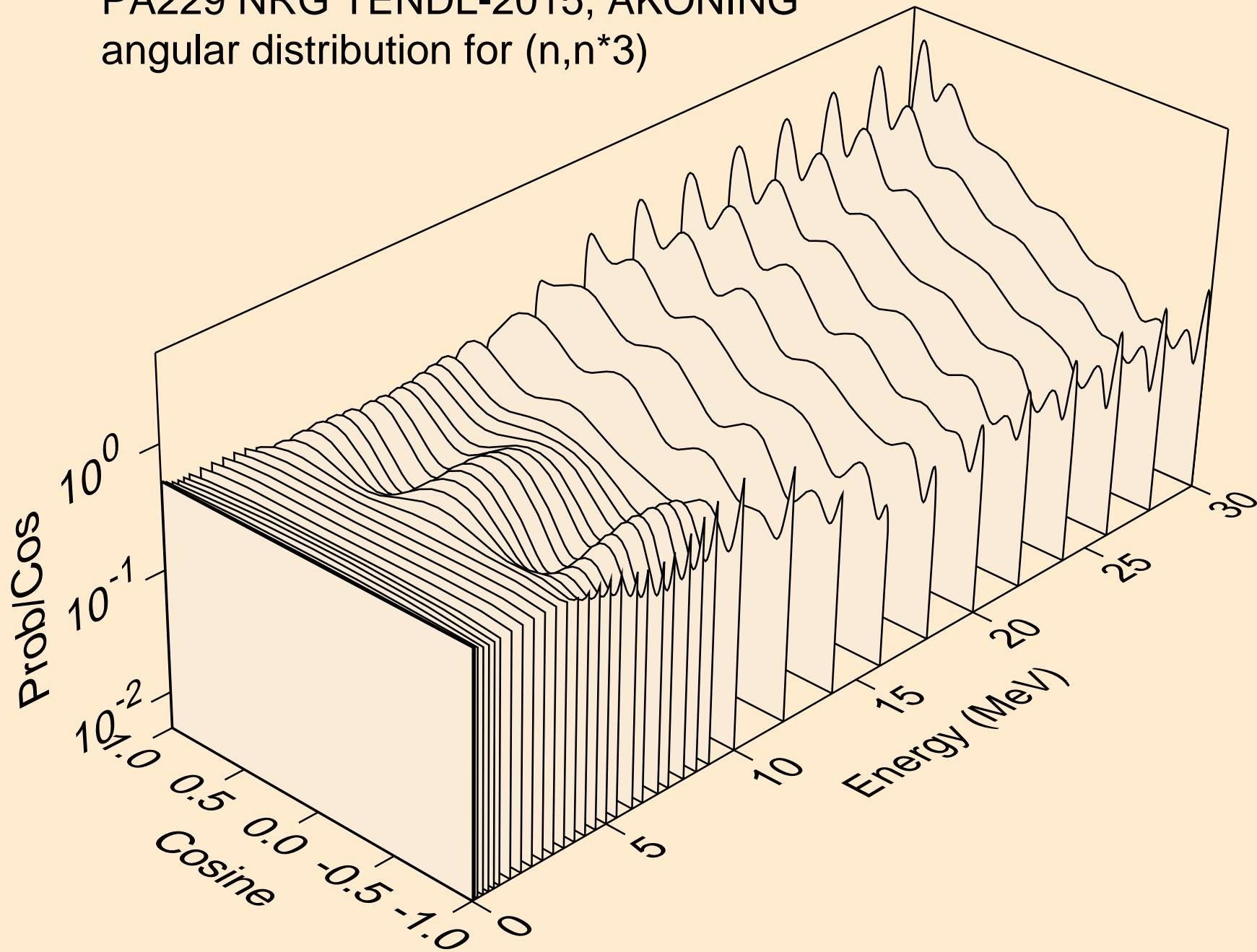
PA229 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



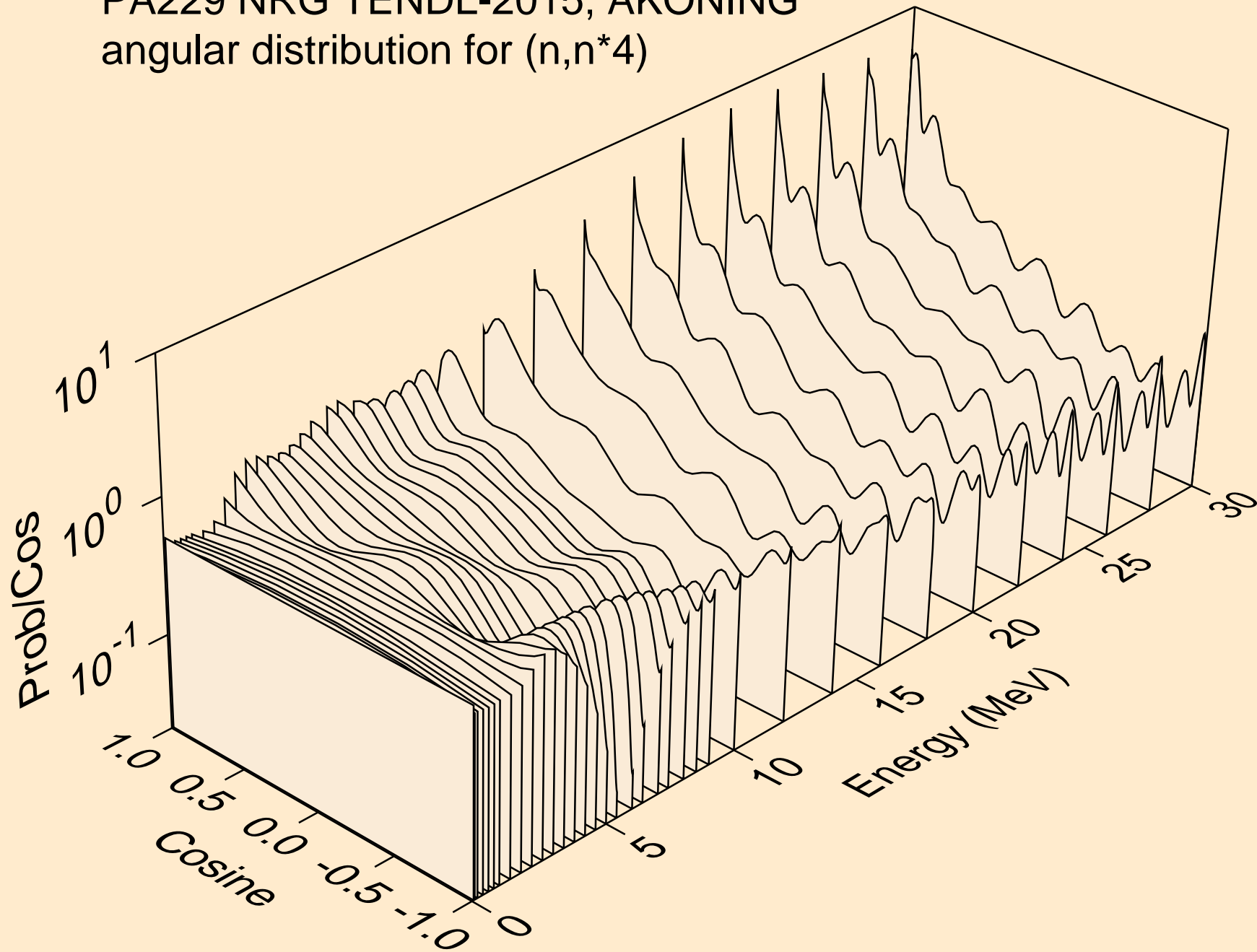
PA229 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



PA229 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)

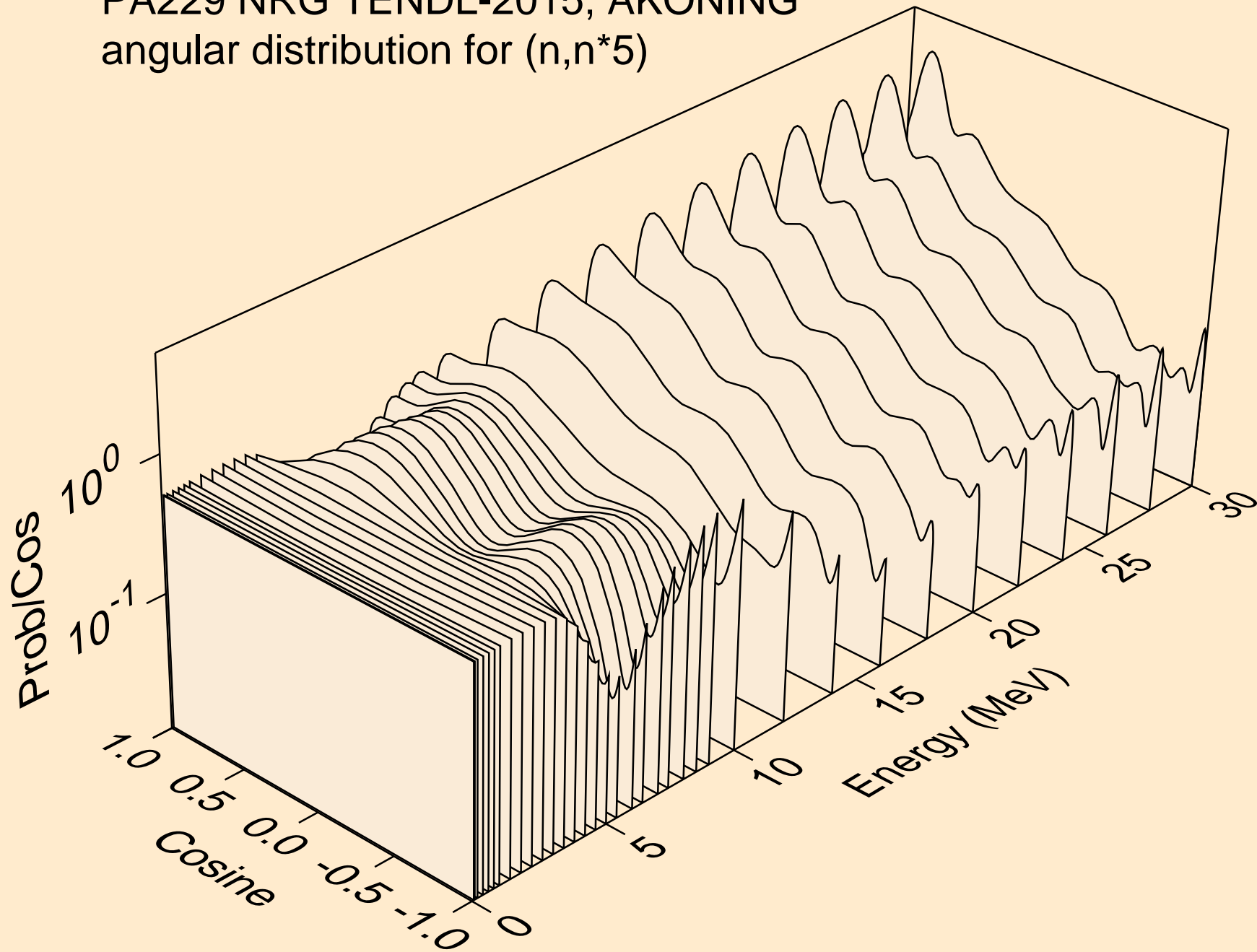


PA229 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)

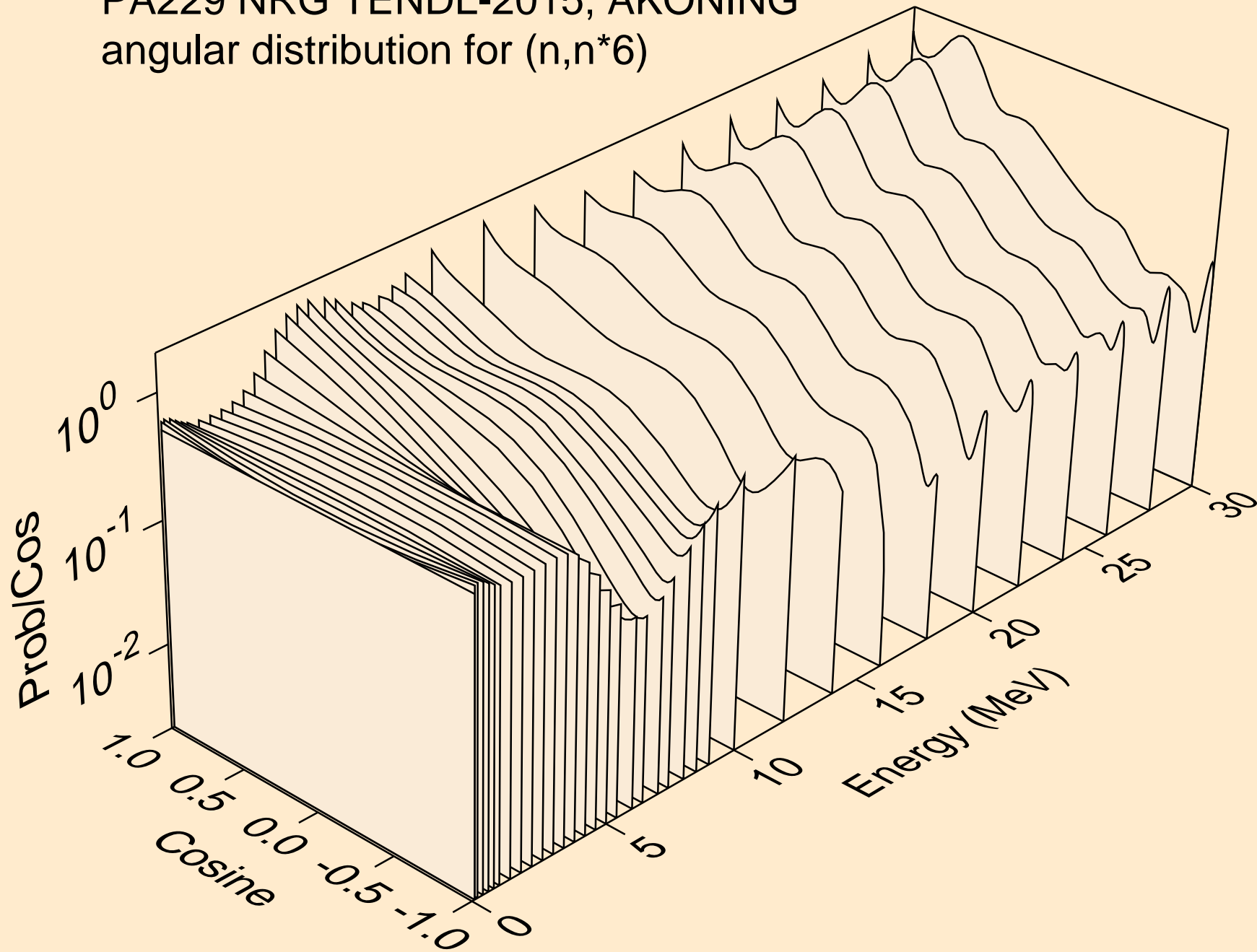




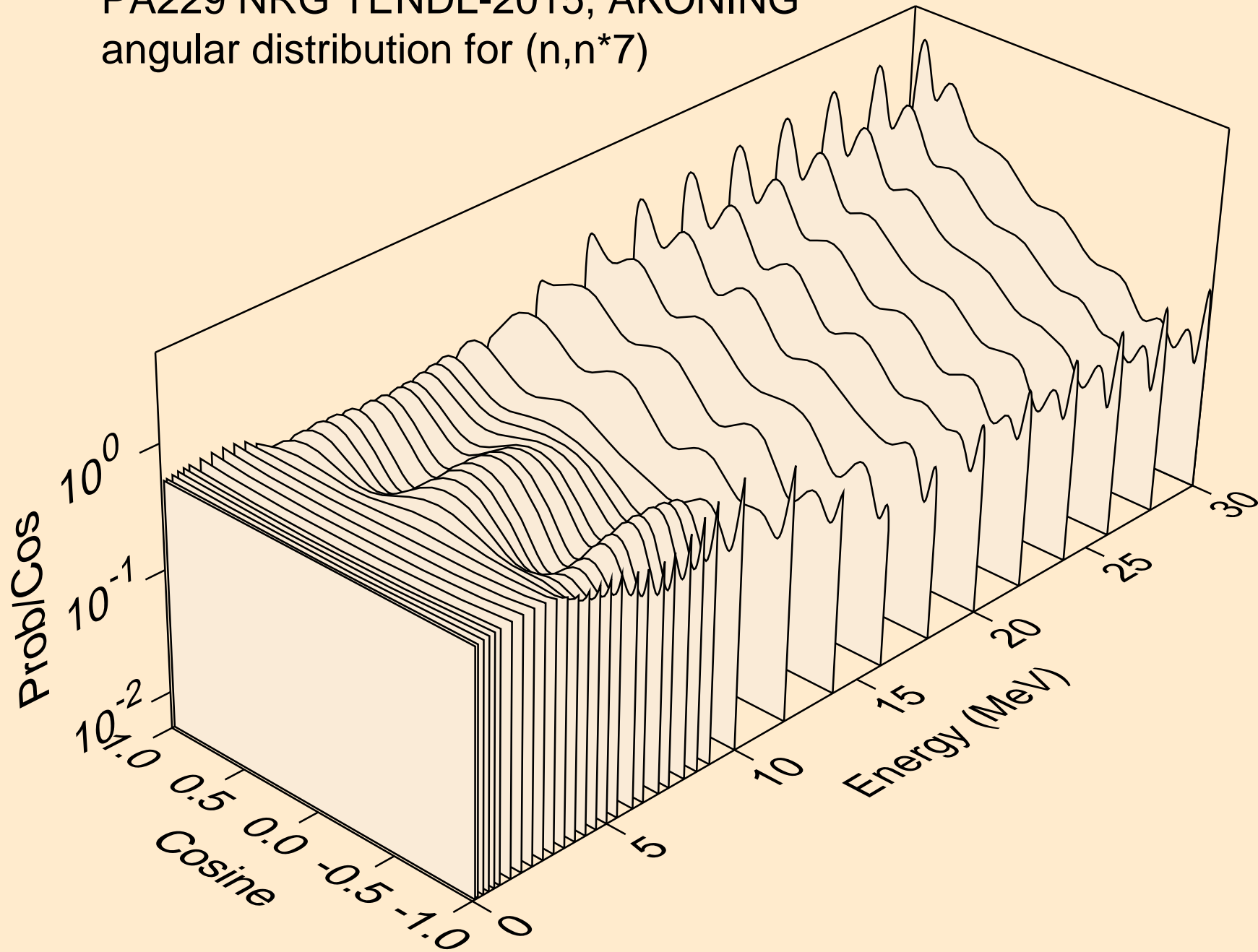
PA229 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



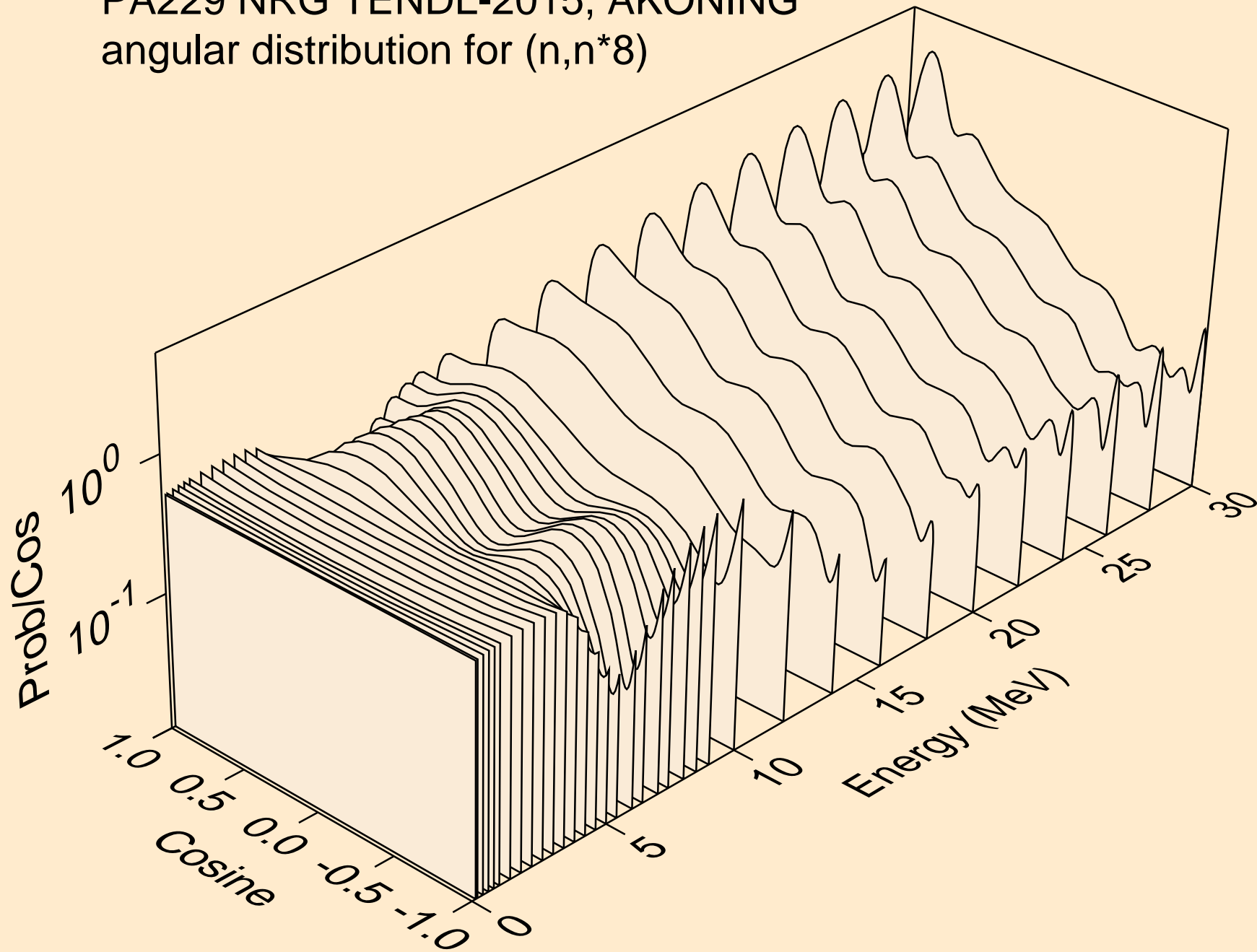
PA229 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



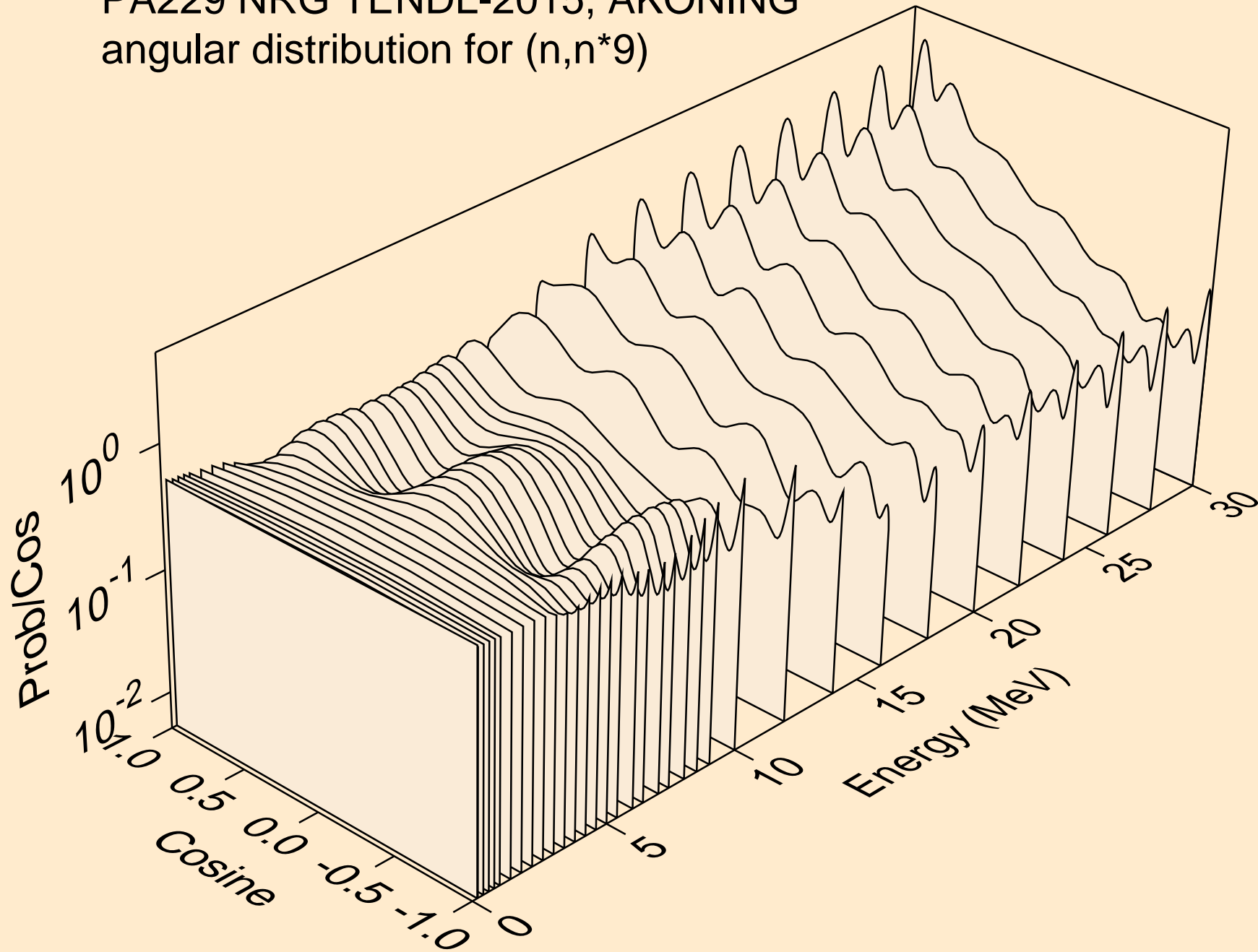
PA229 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



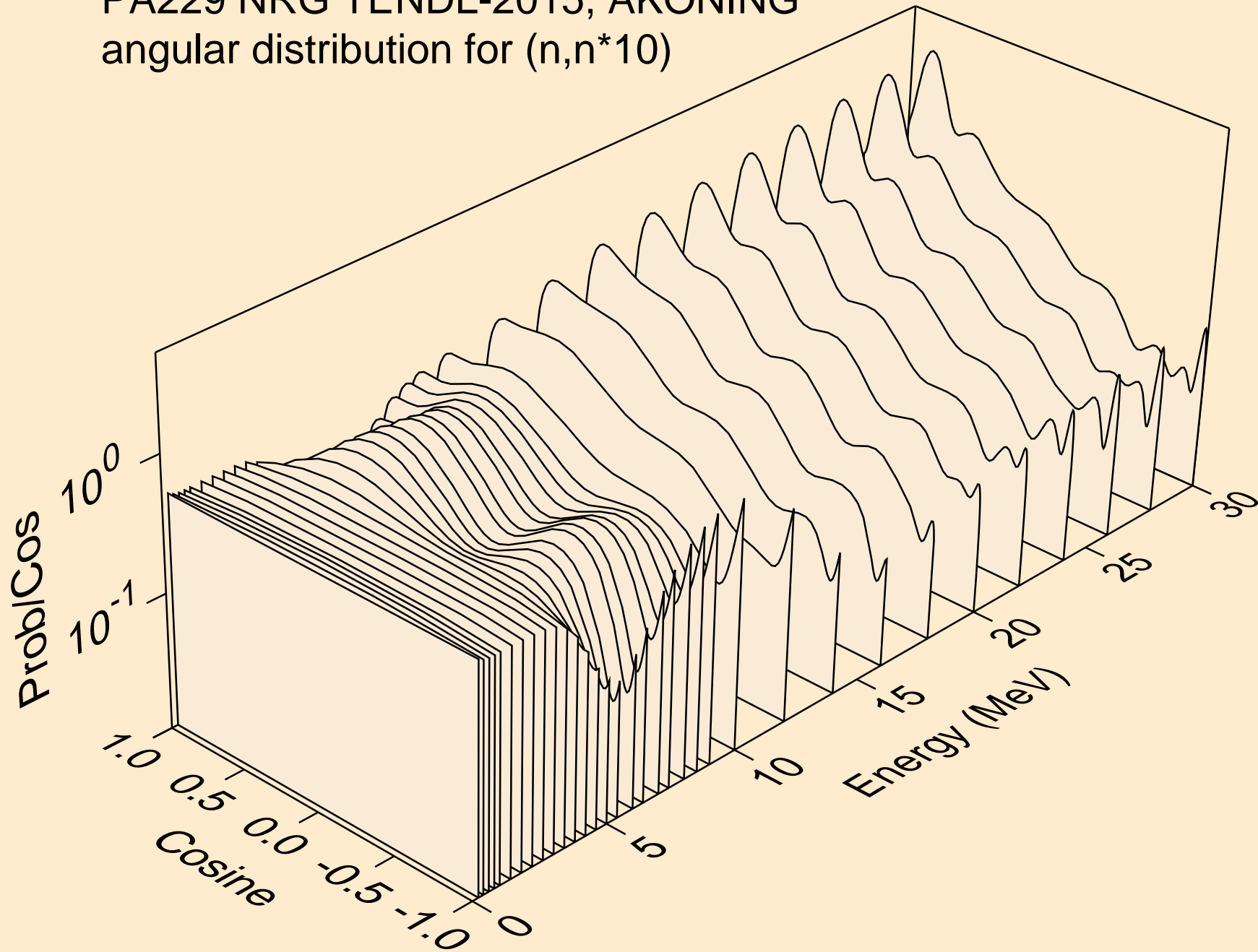
PA229 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



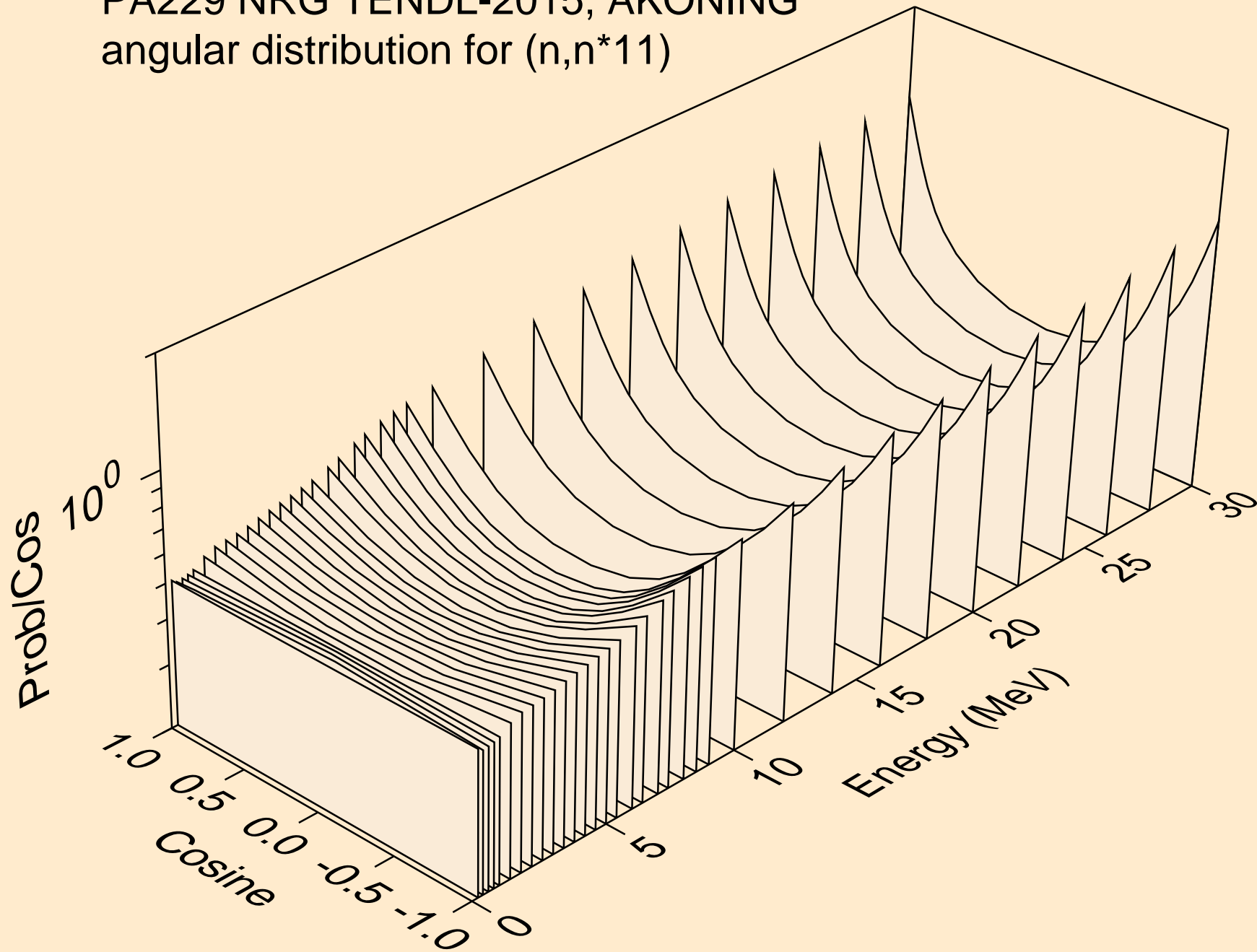
PA229 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



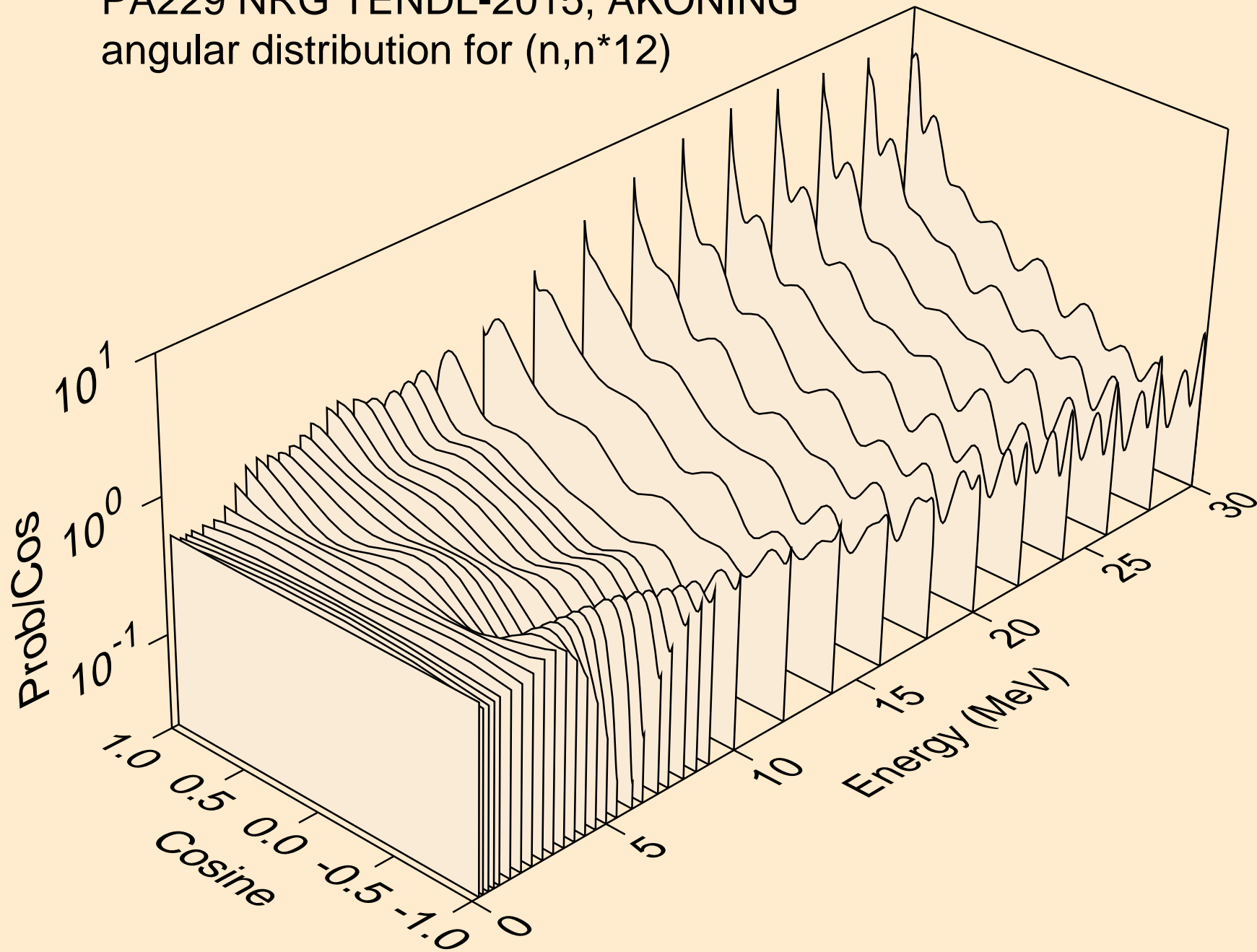
PA229 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



PA229 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)

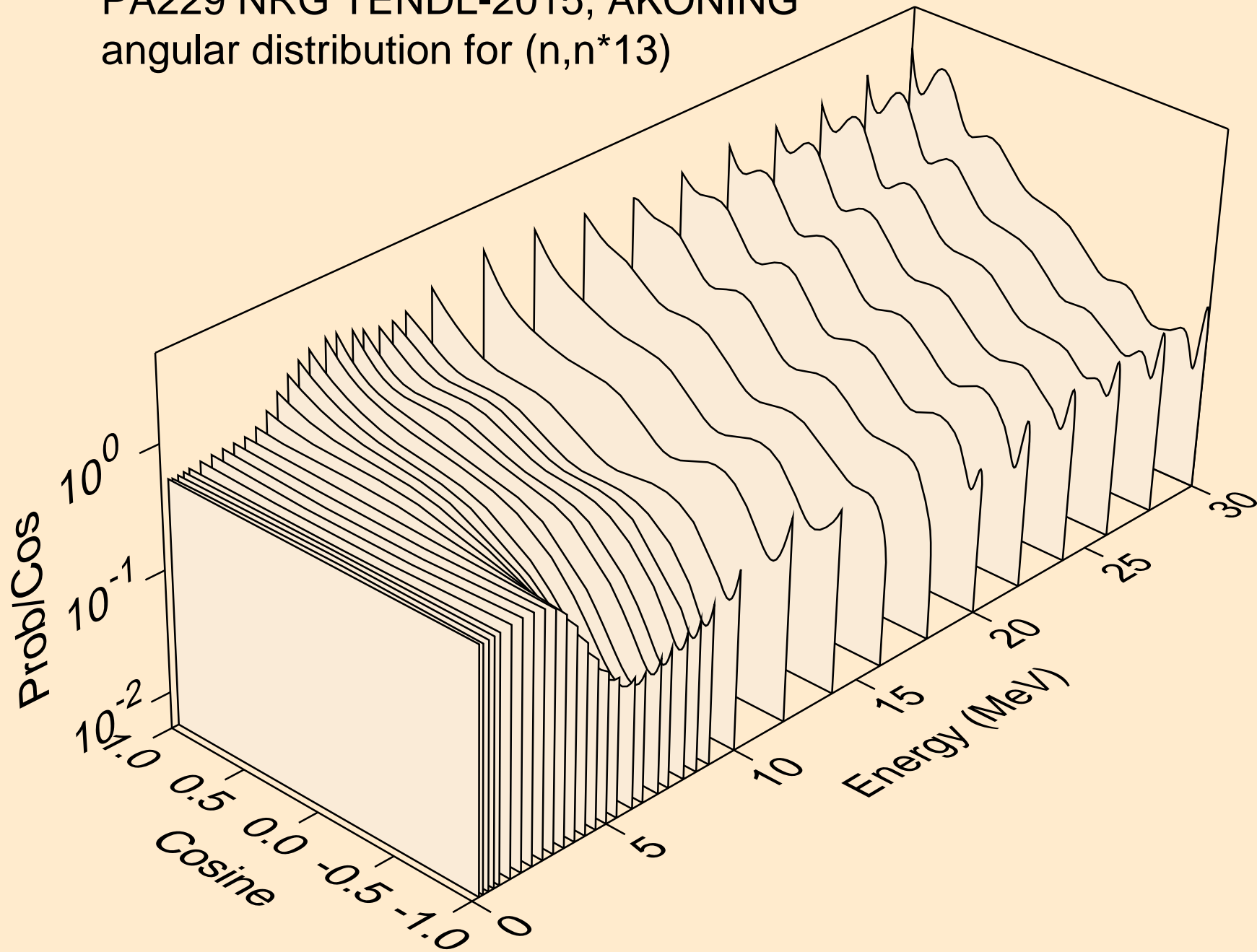


PA229 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)

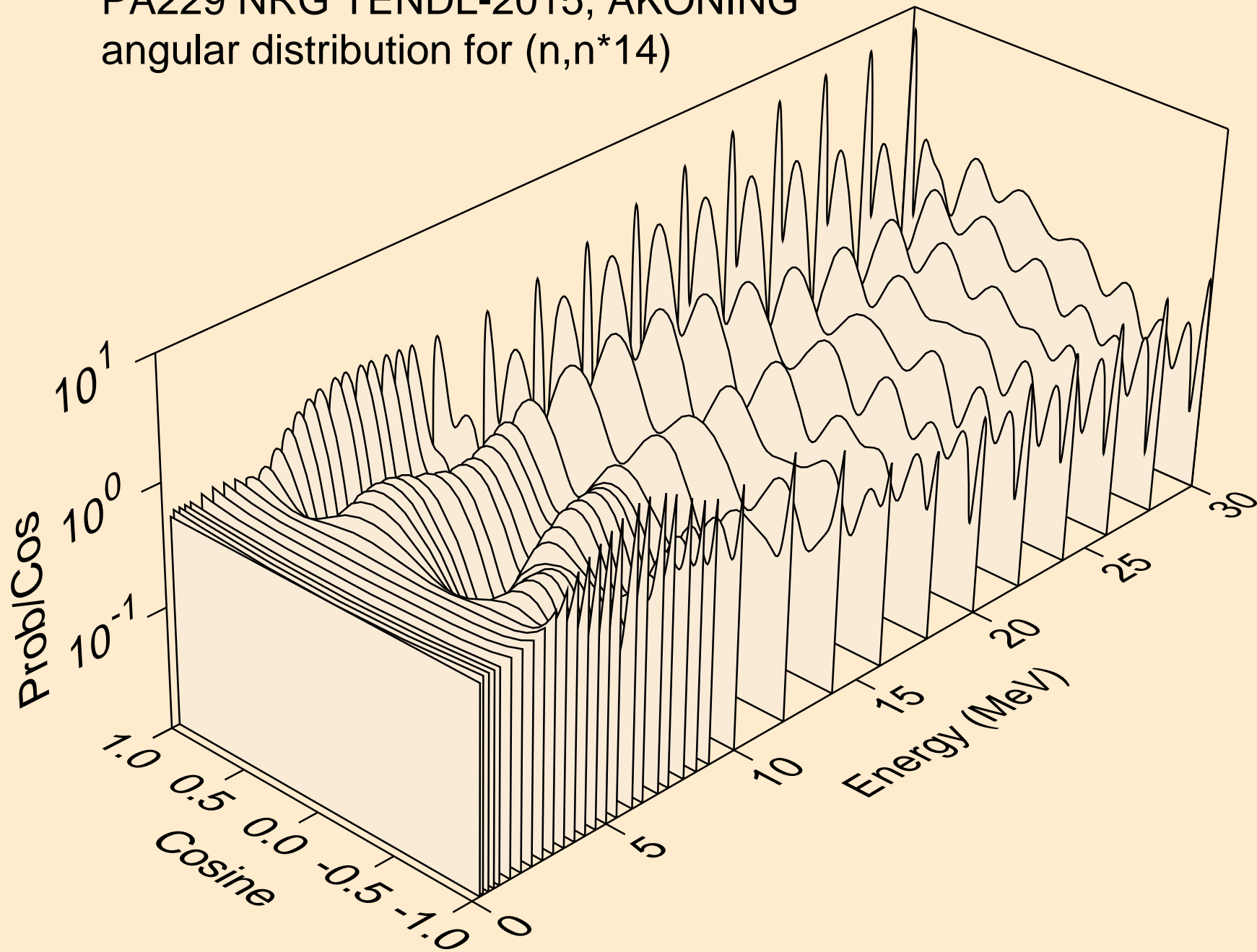




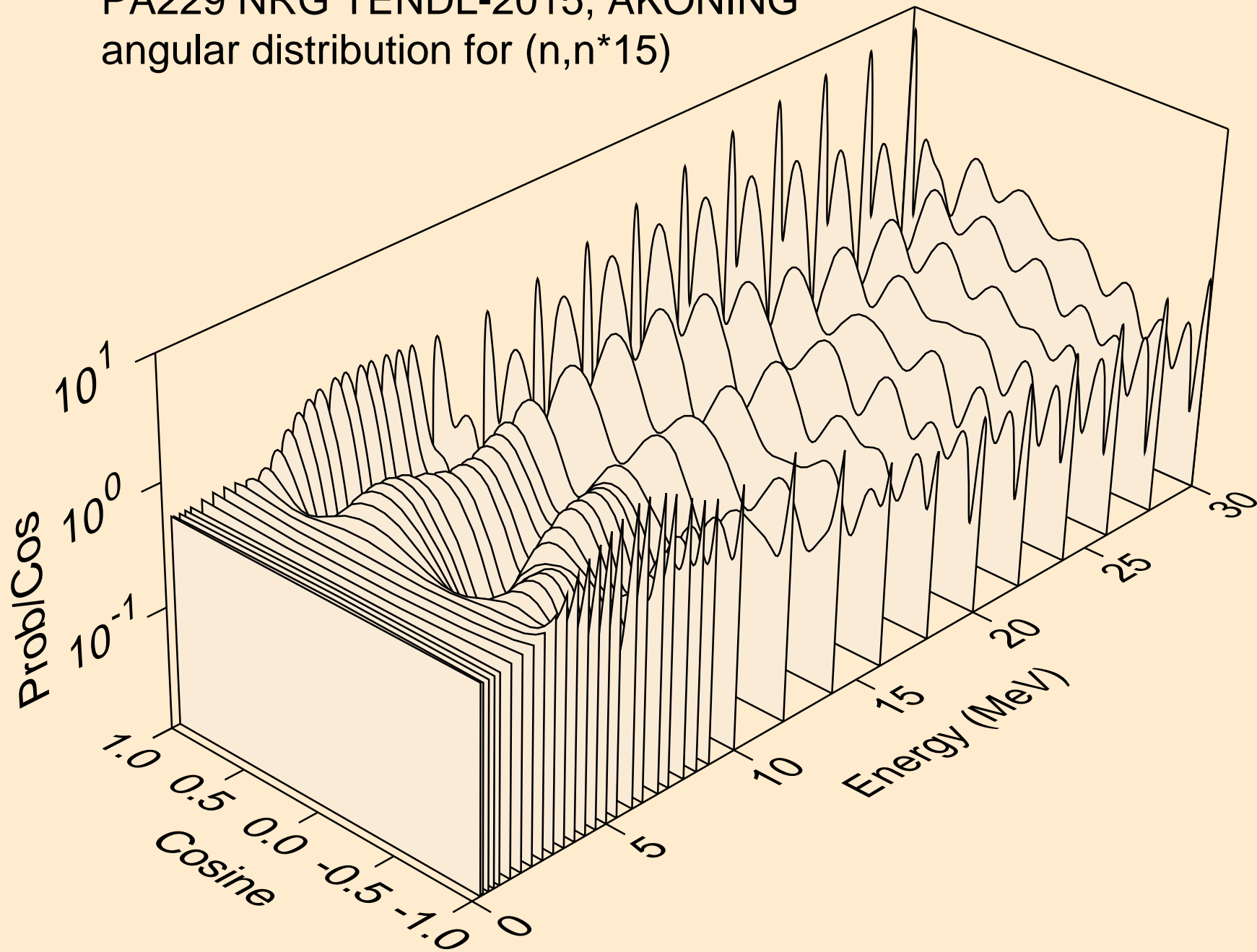
PA229 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



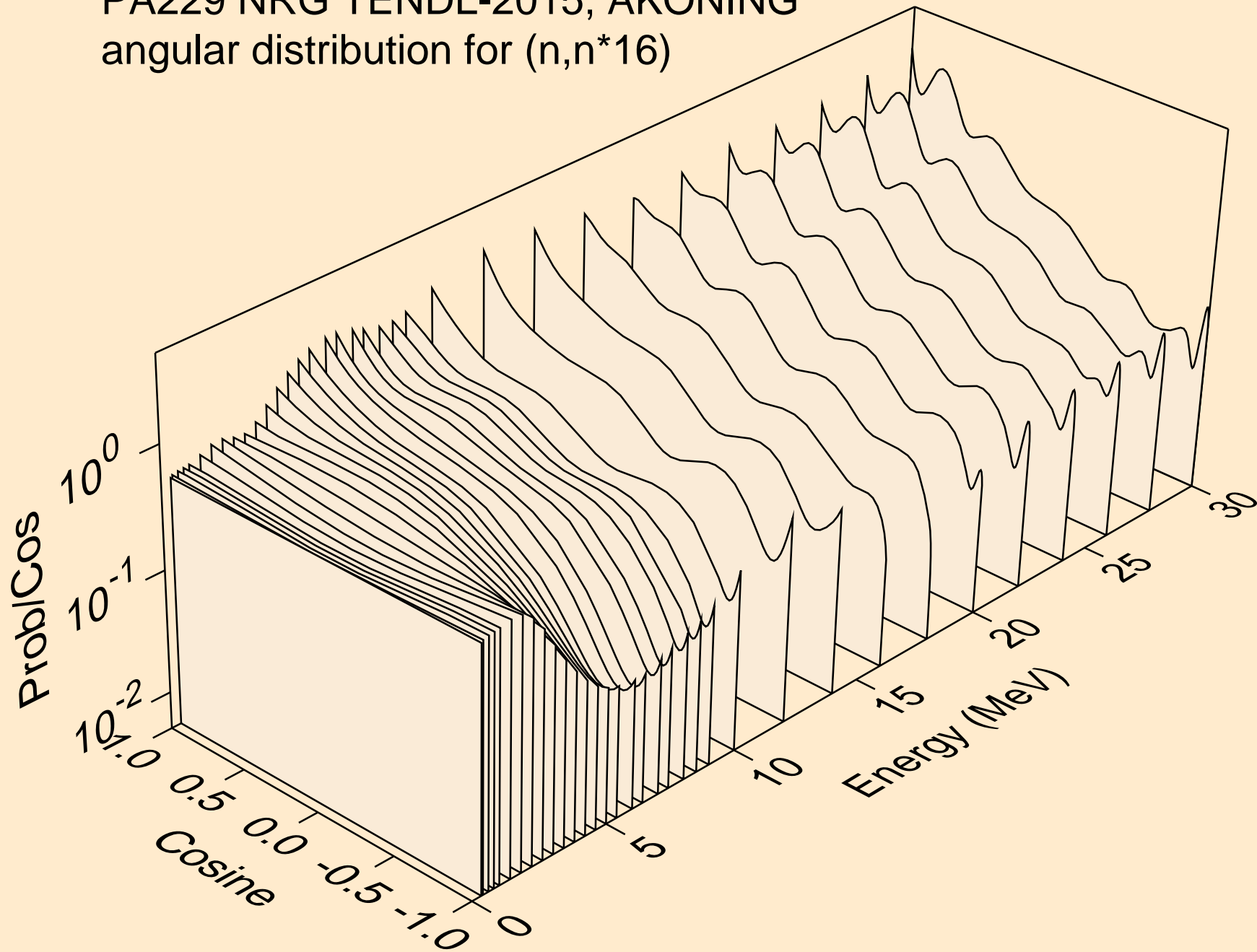
PA229 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



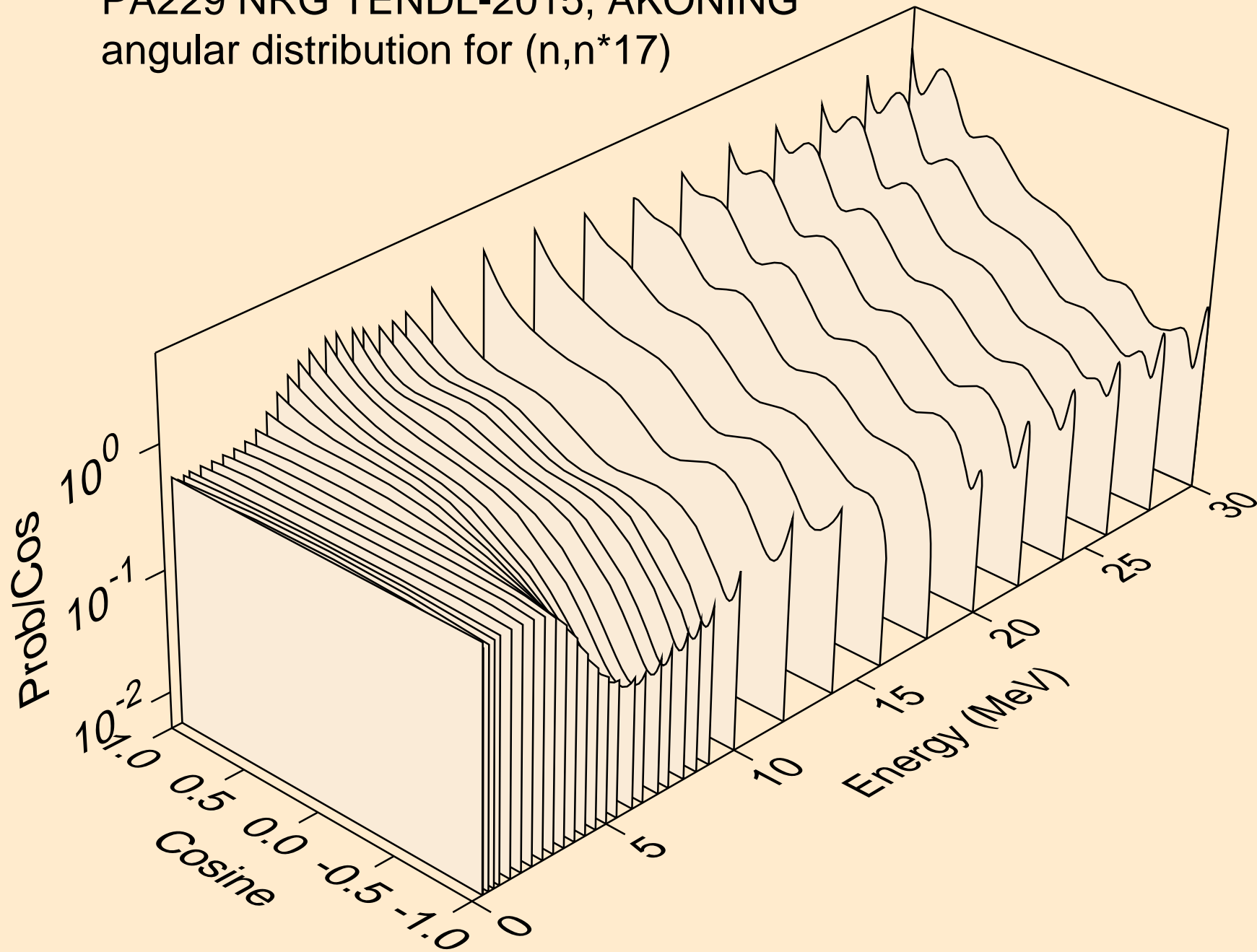
PA229 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



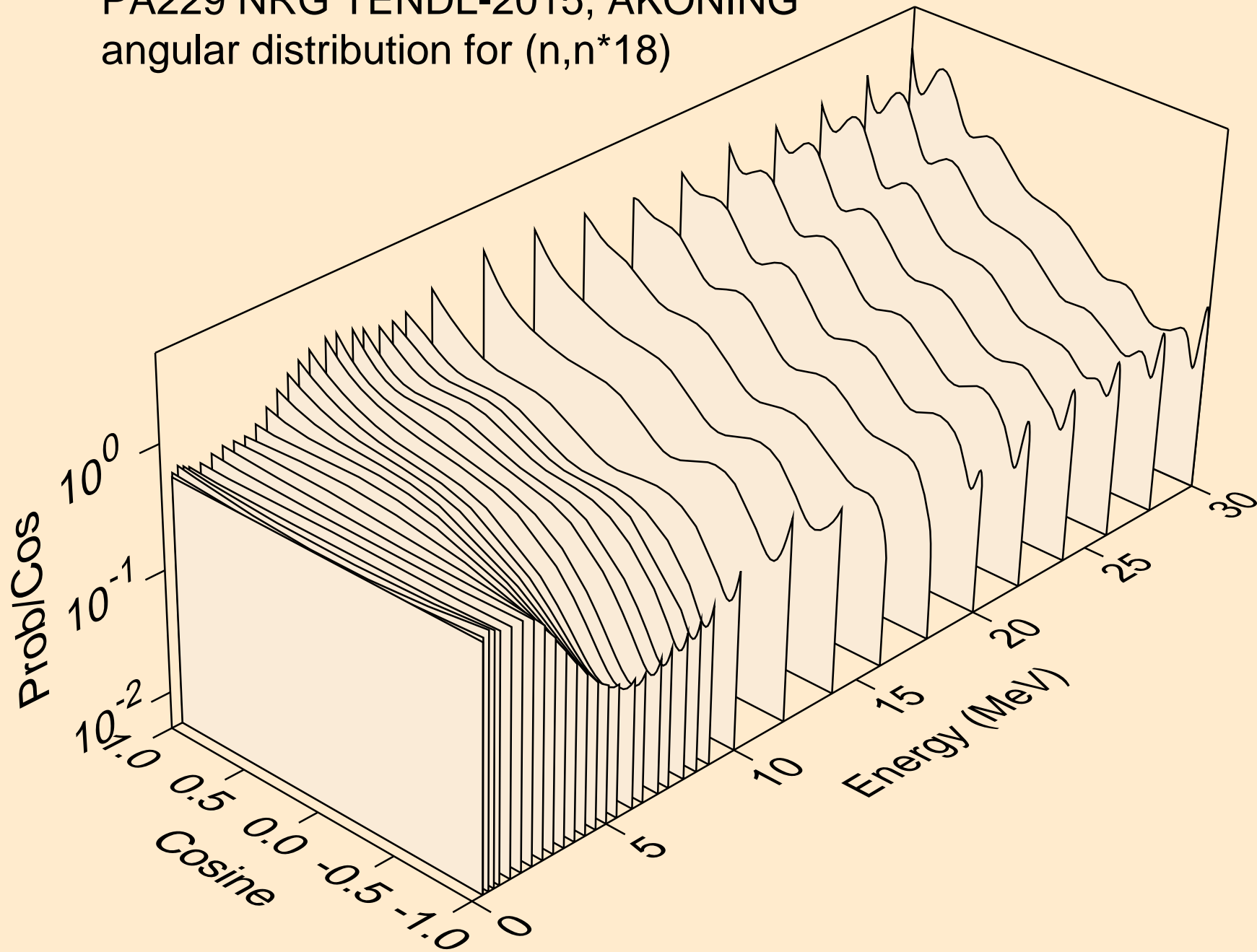
PA229 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



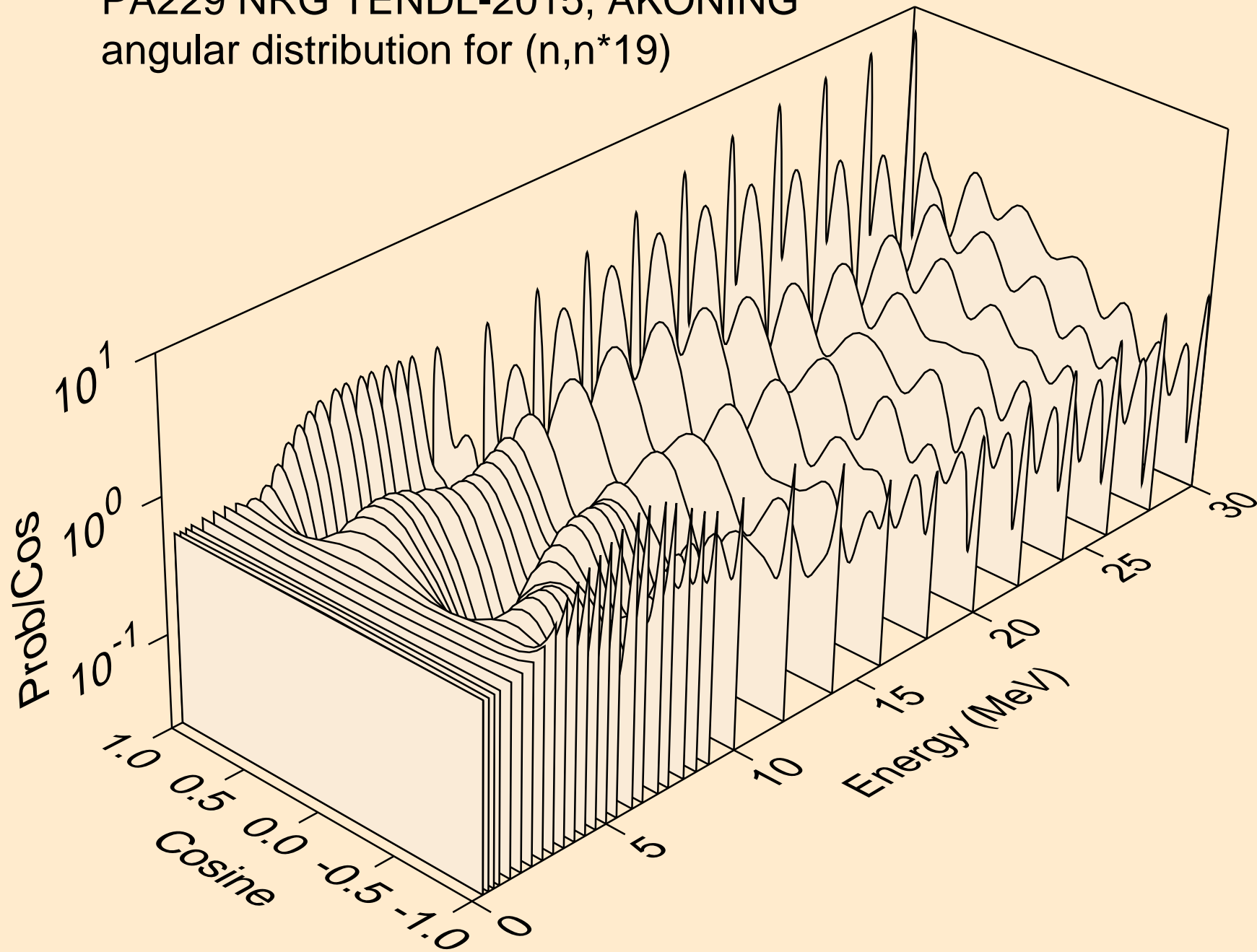
PA229 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



PA229 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)

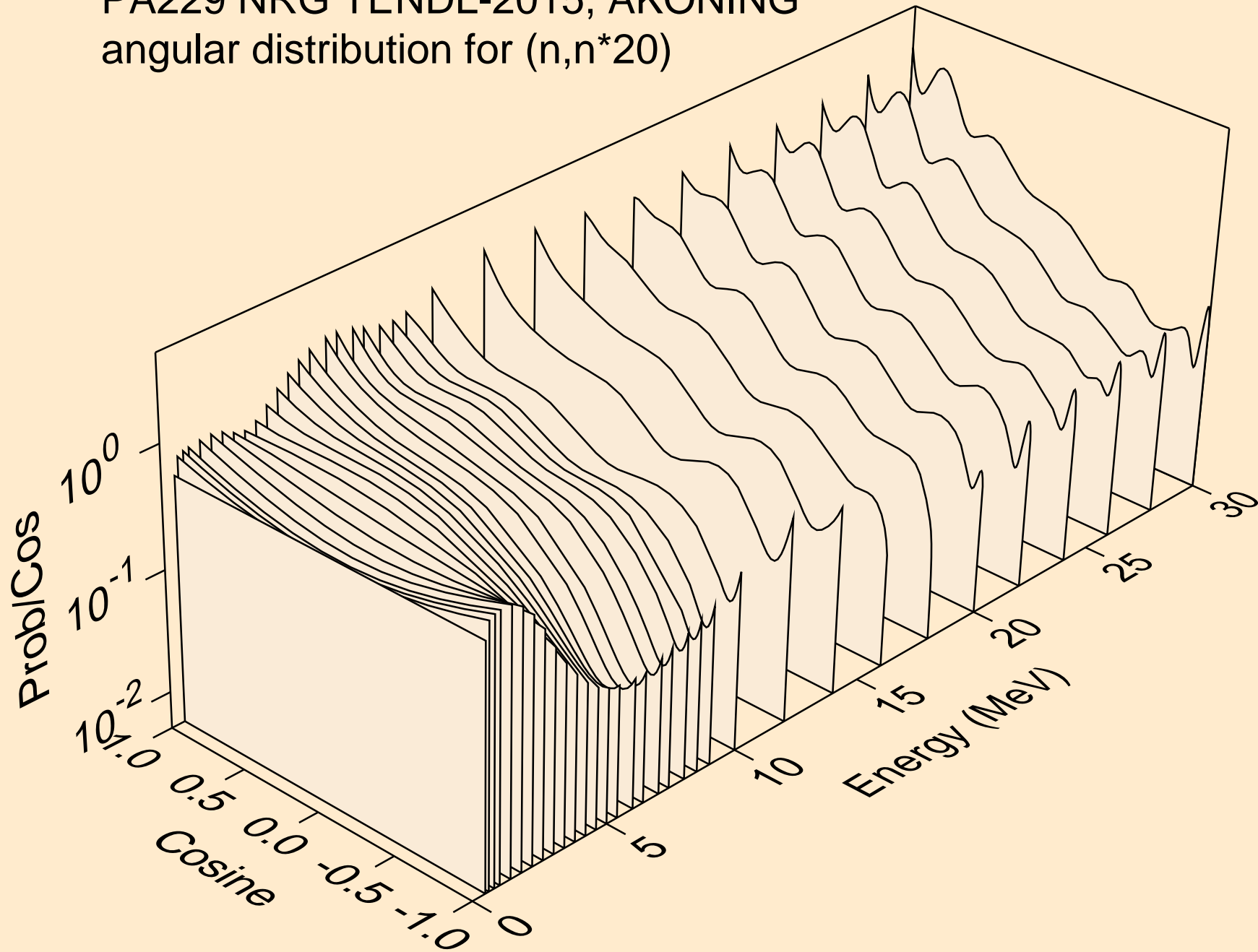


PA229 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



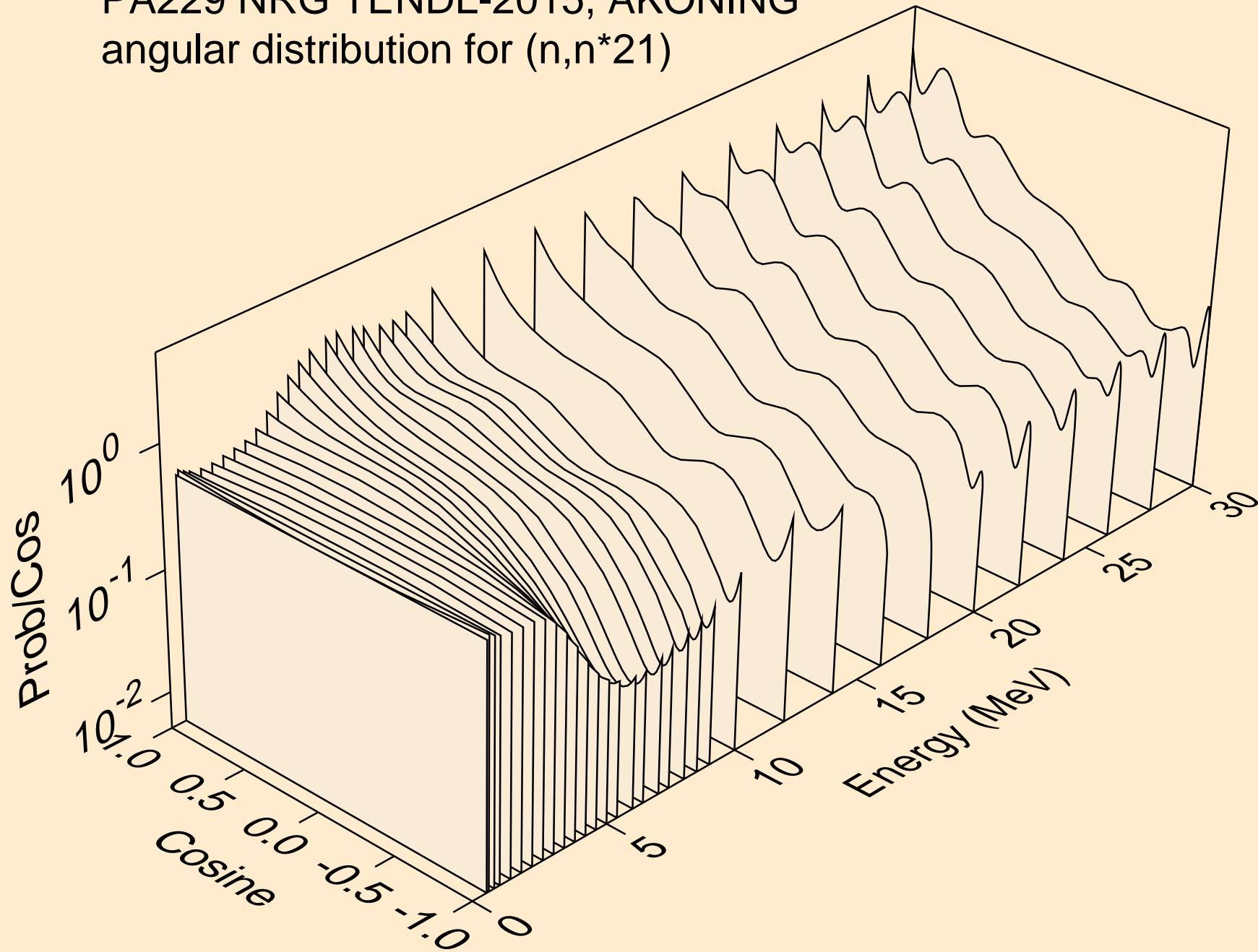


PA229 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)

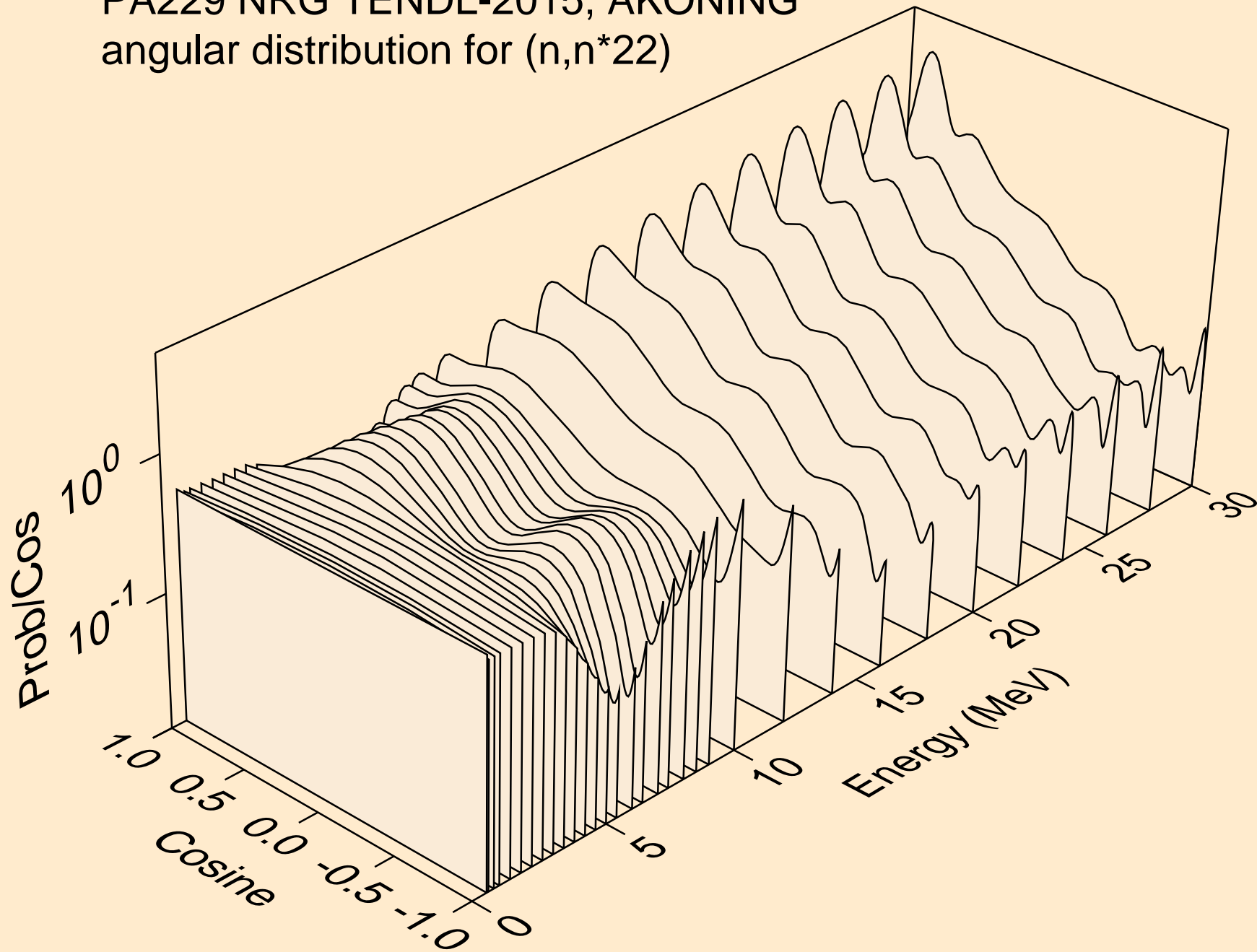




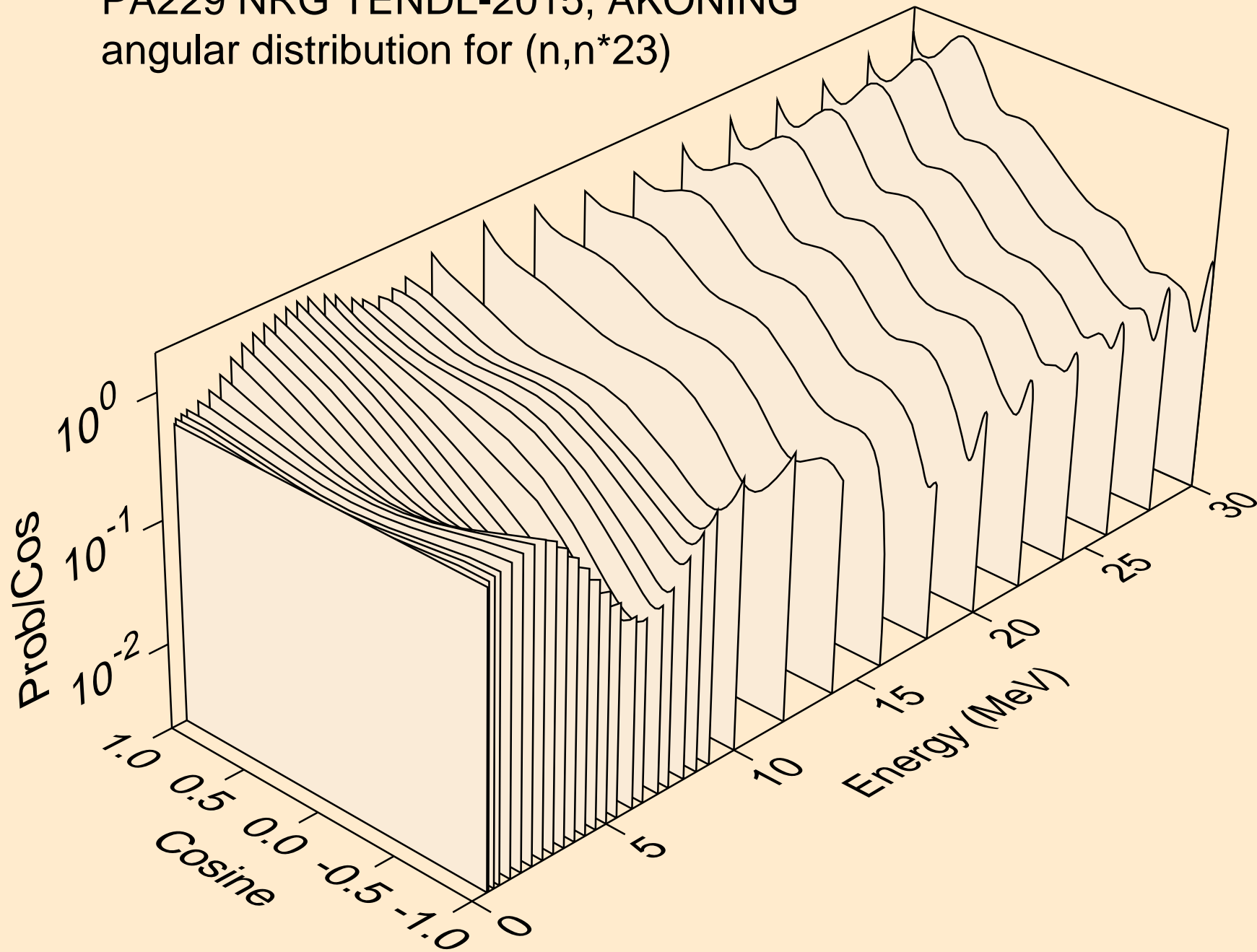
PA229 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



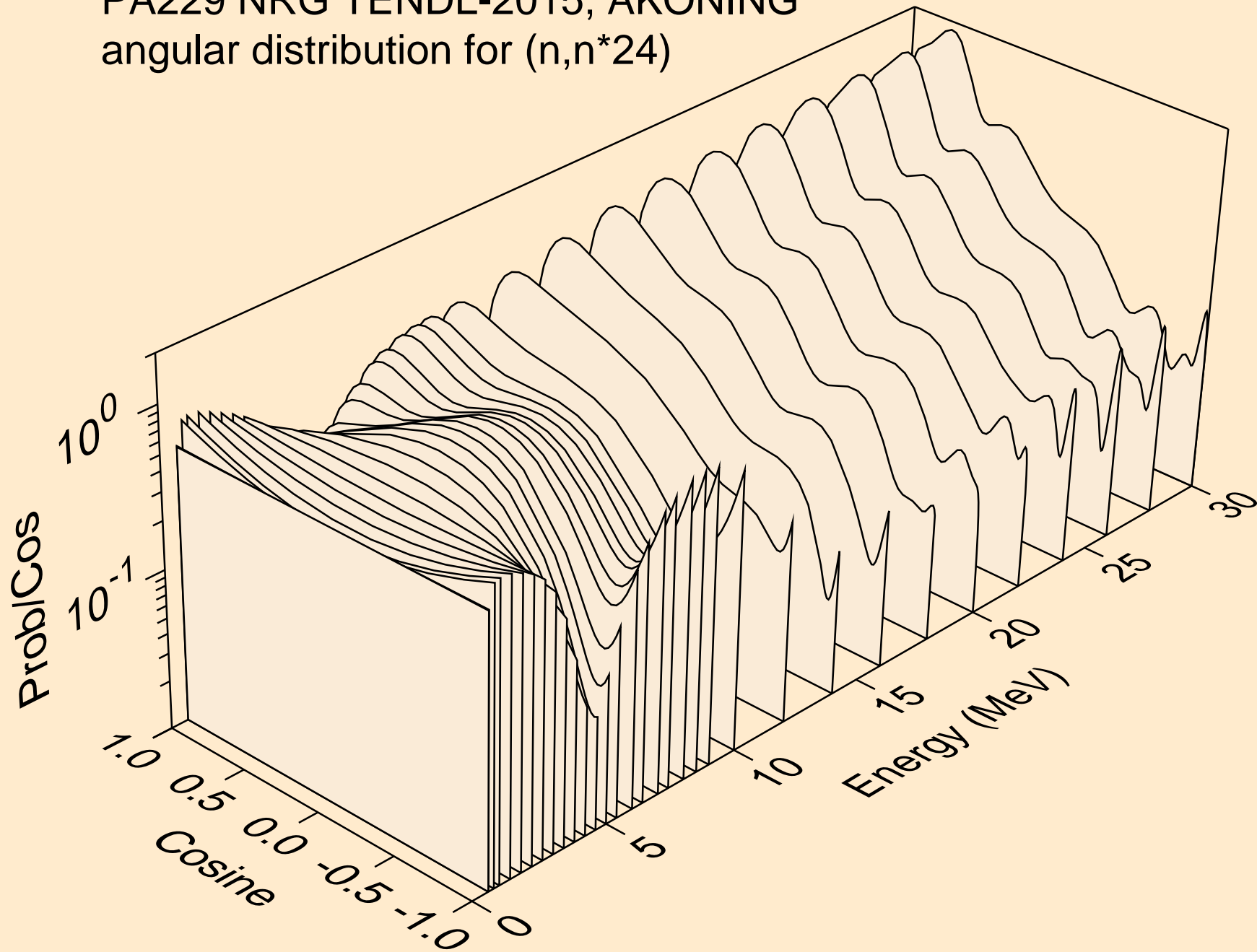
PA229 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



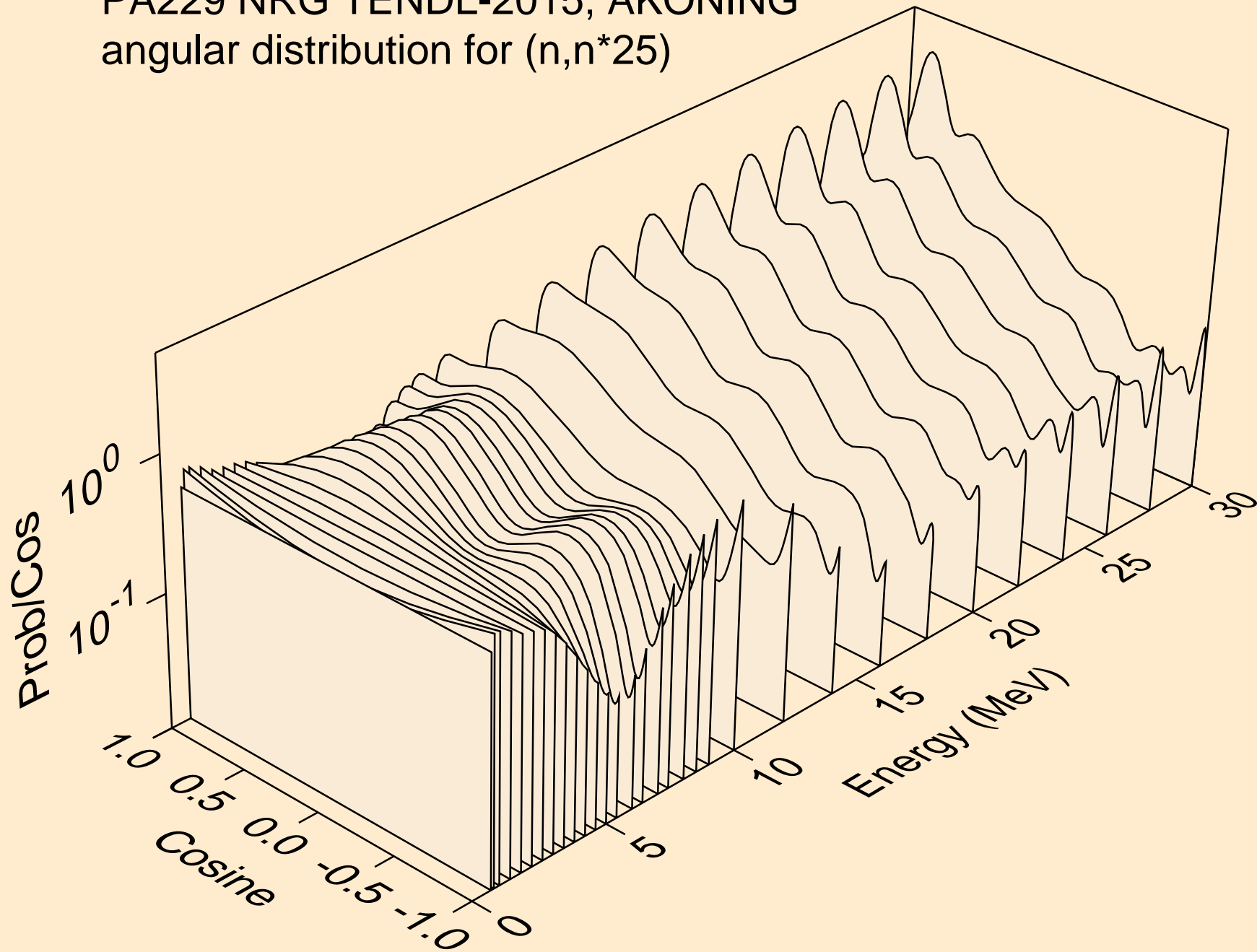
PA229 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



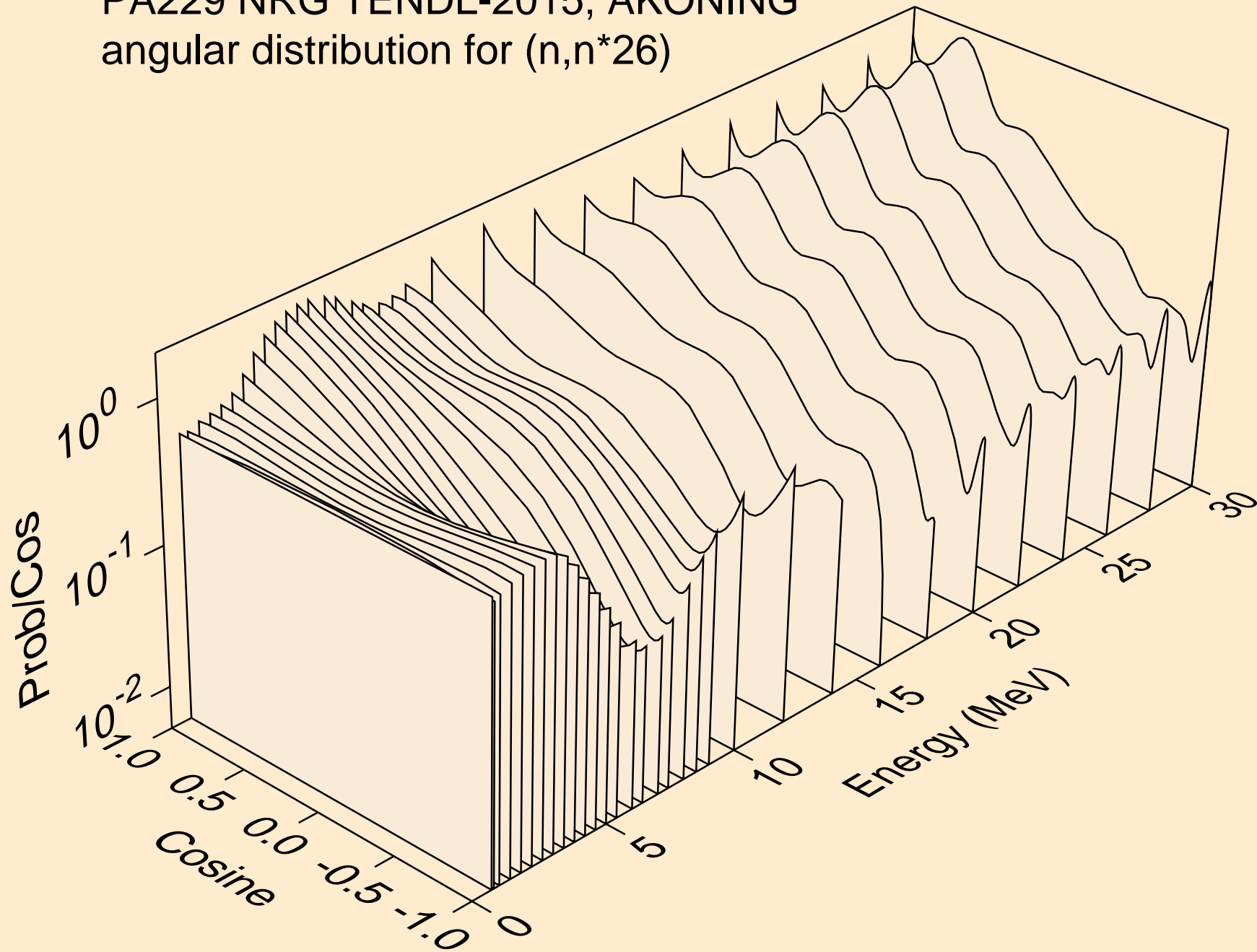
PA229 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



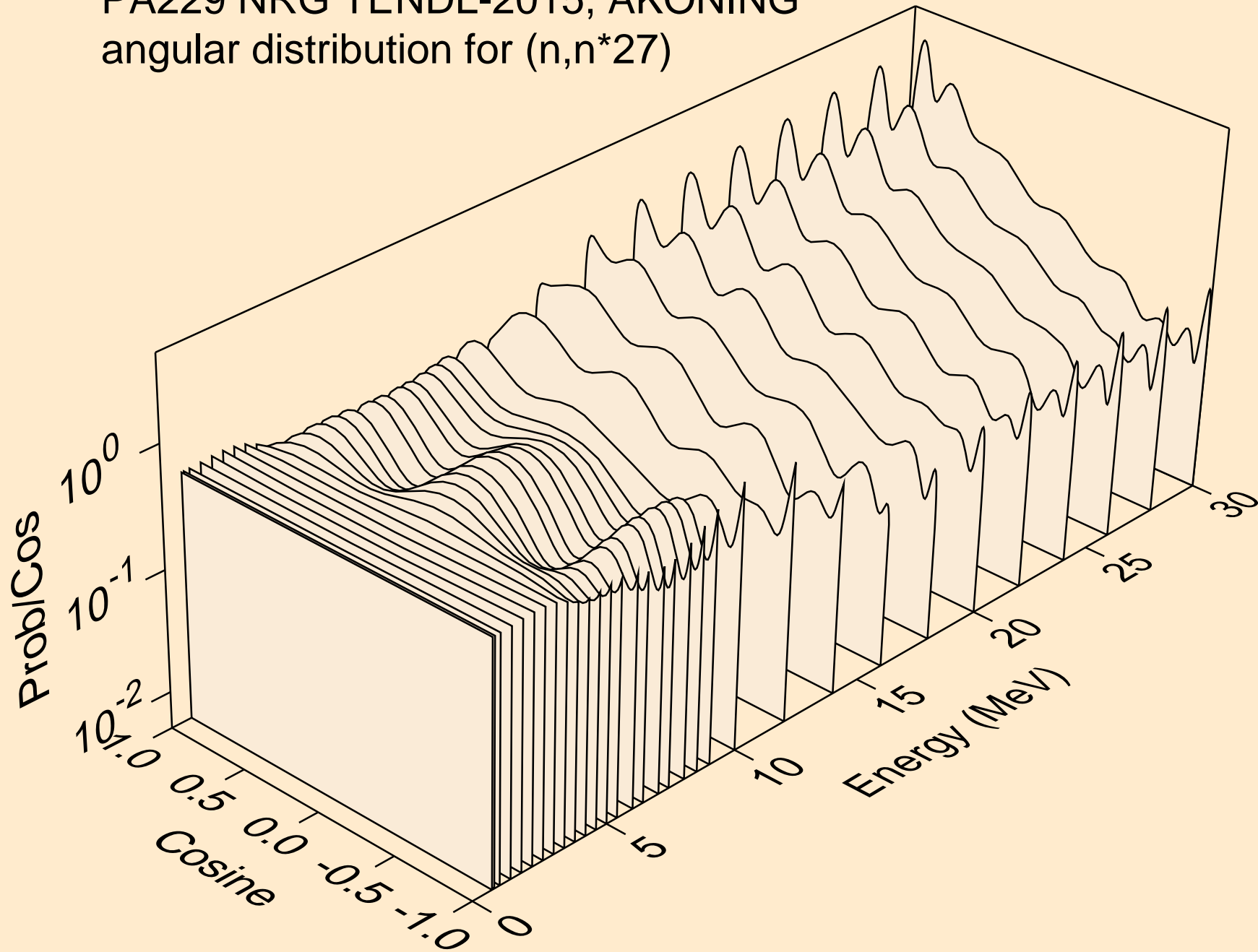
PA229 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



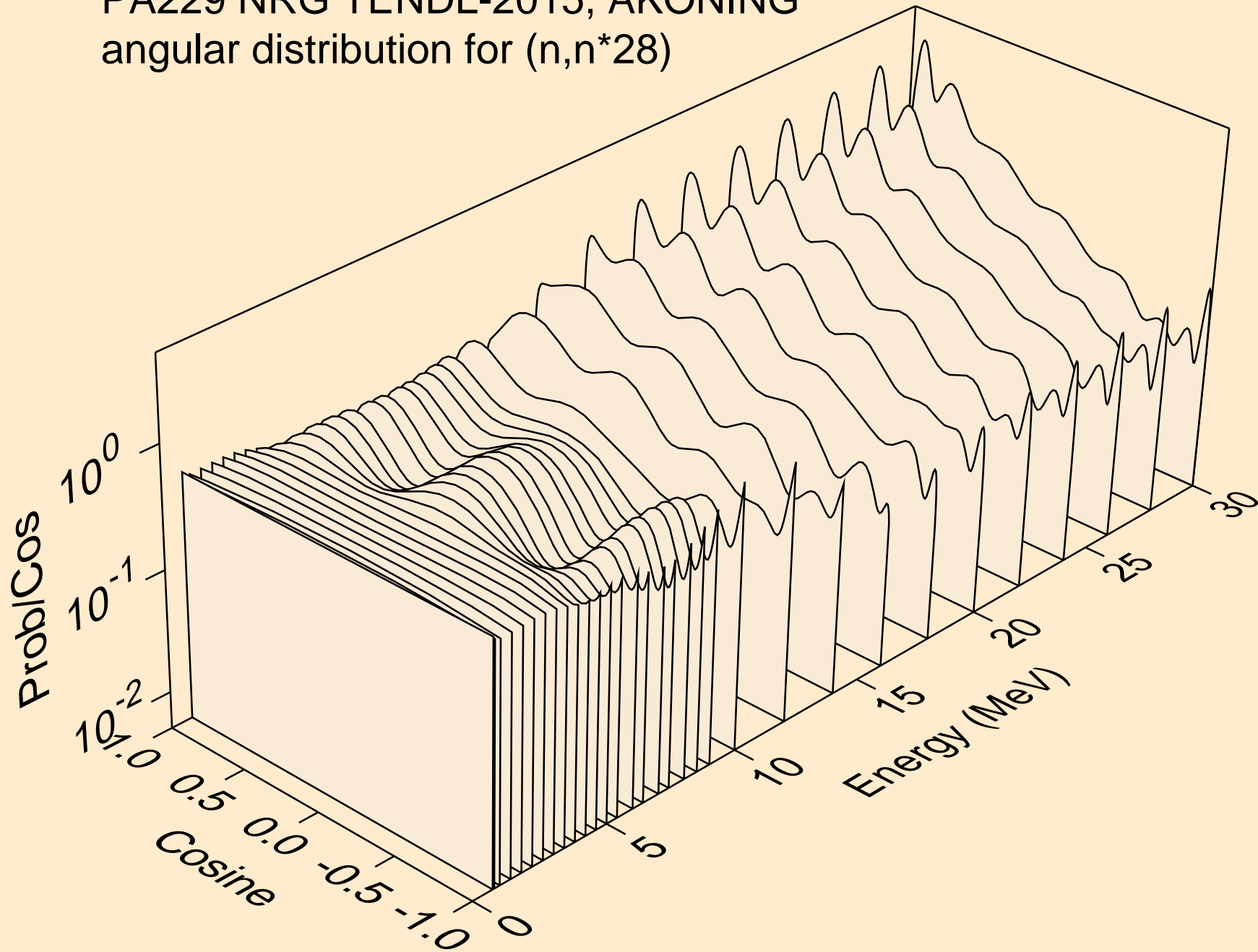
PA229 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



PA229 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)

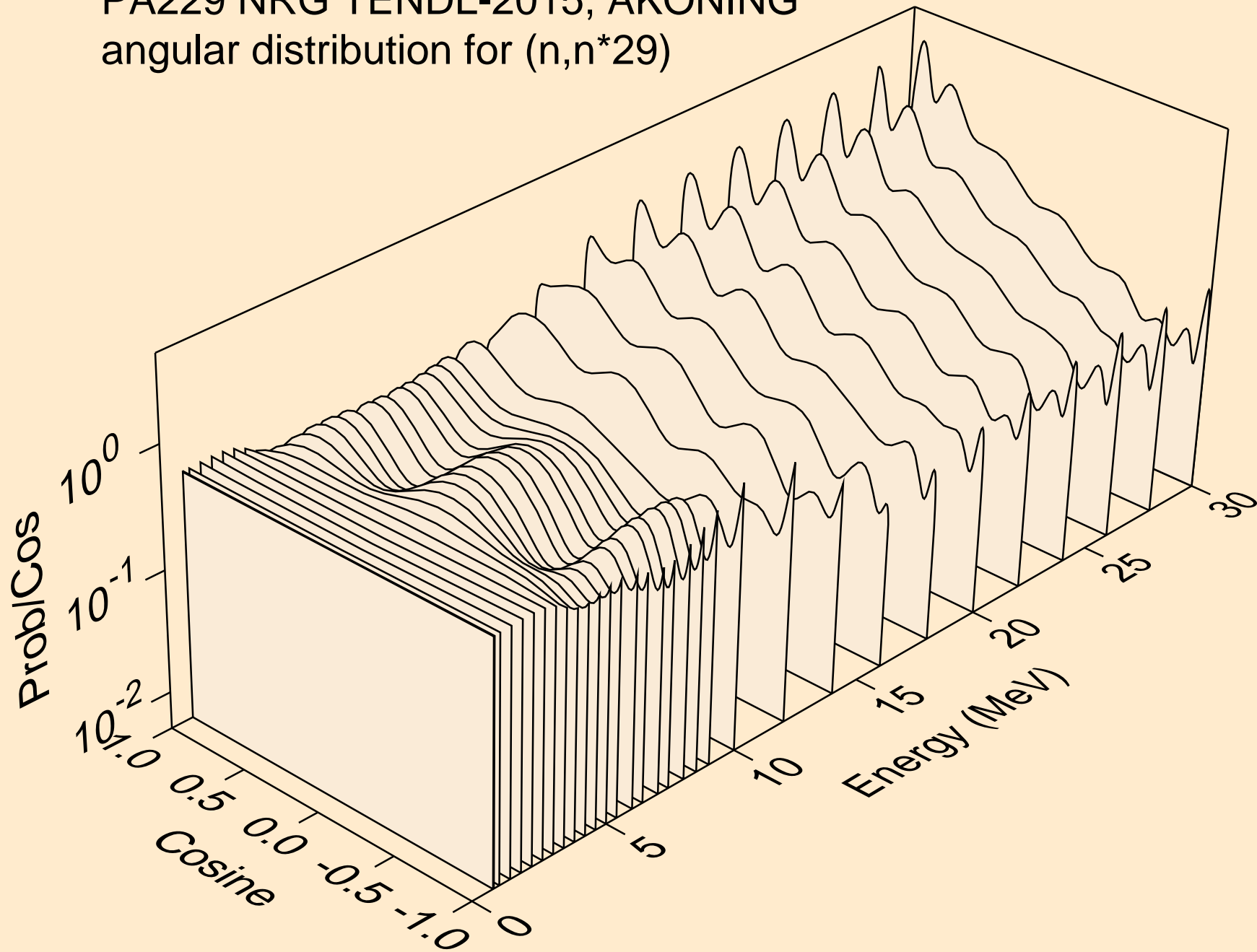


PA229 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)

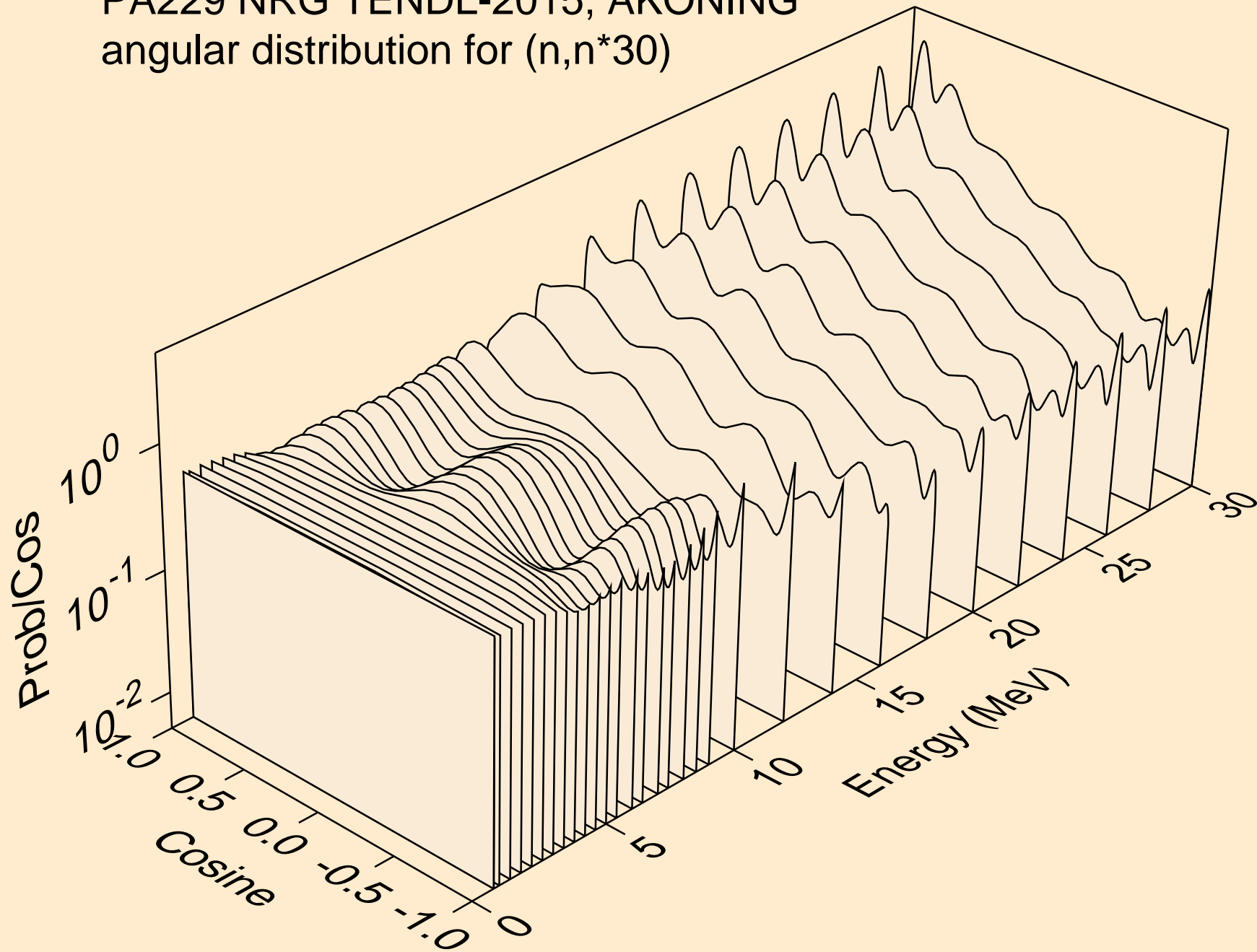




PA229 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

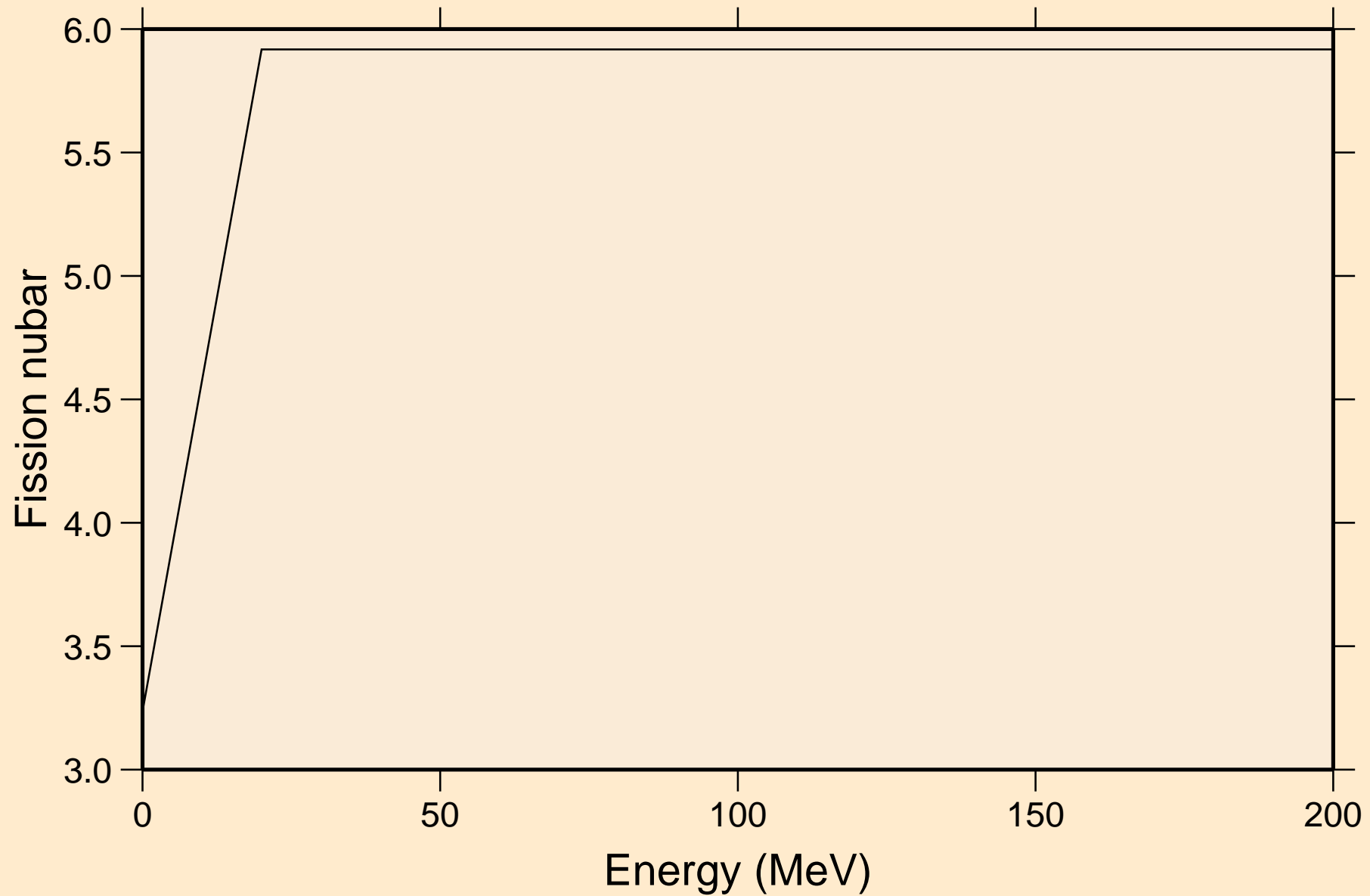


PA229 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

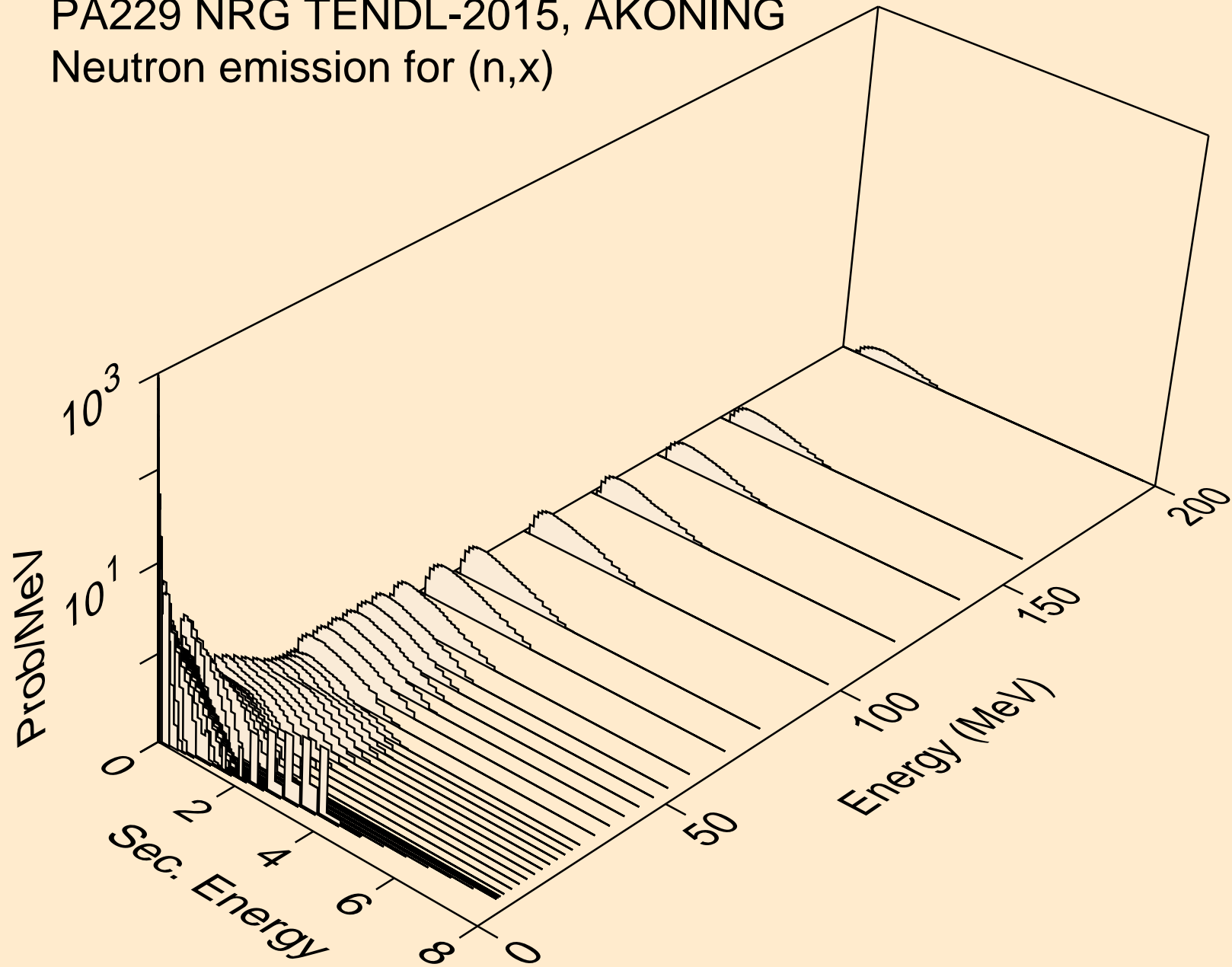


# PA229 NRG TENDL-2015, AKONING

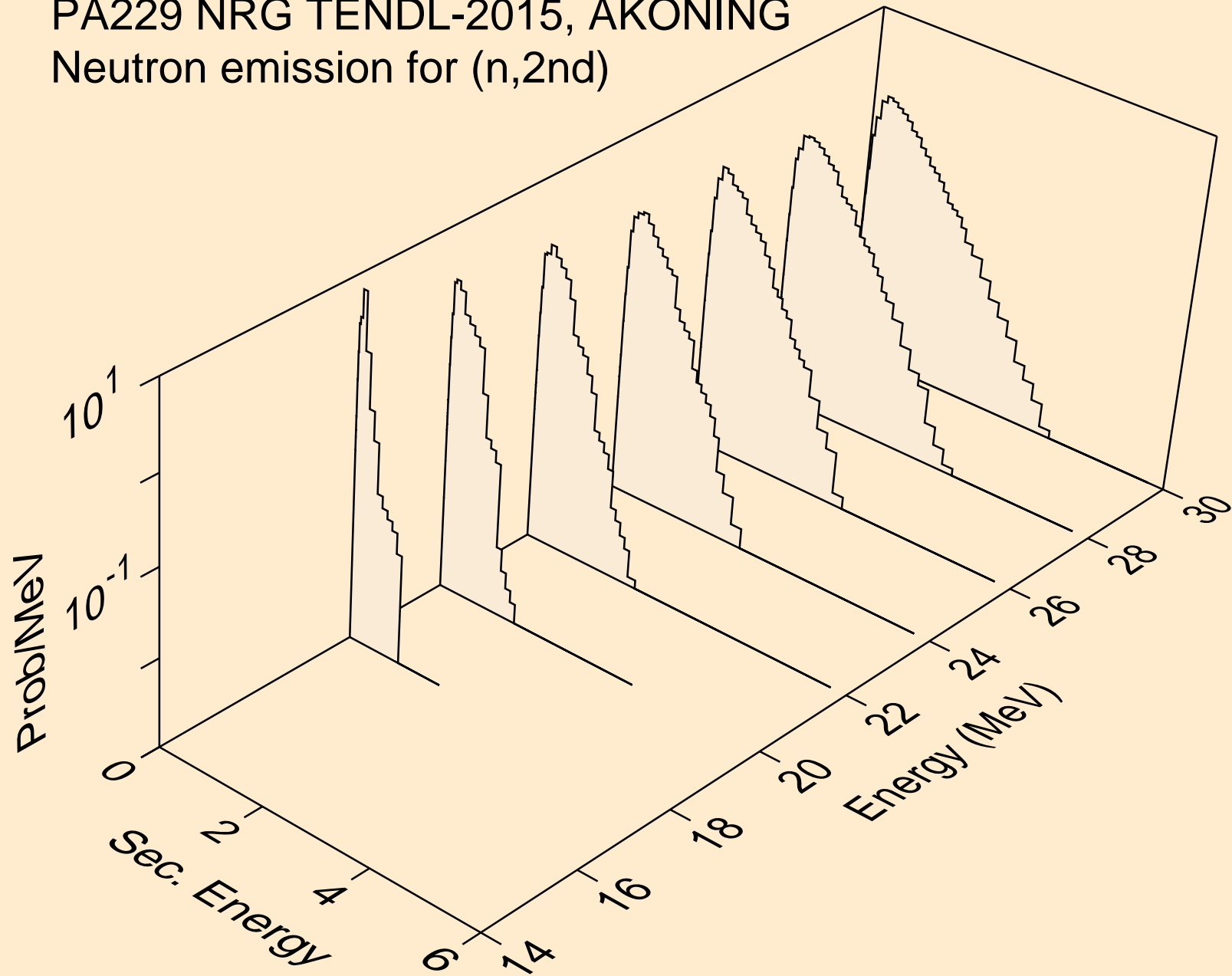
Total fission nubar



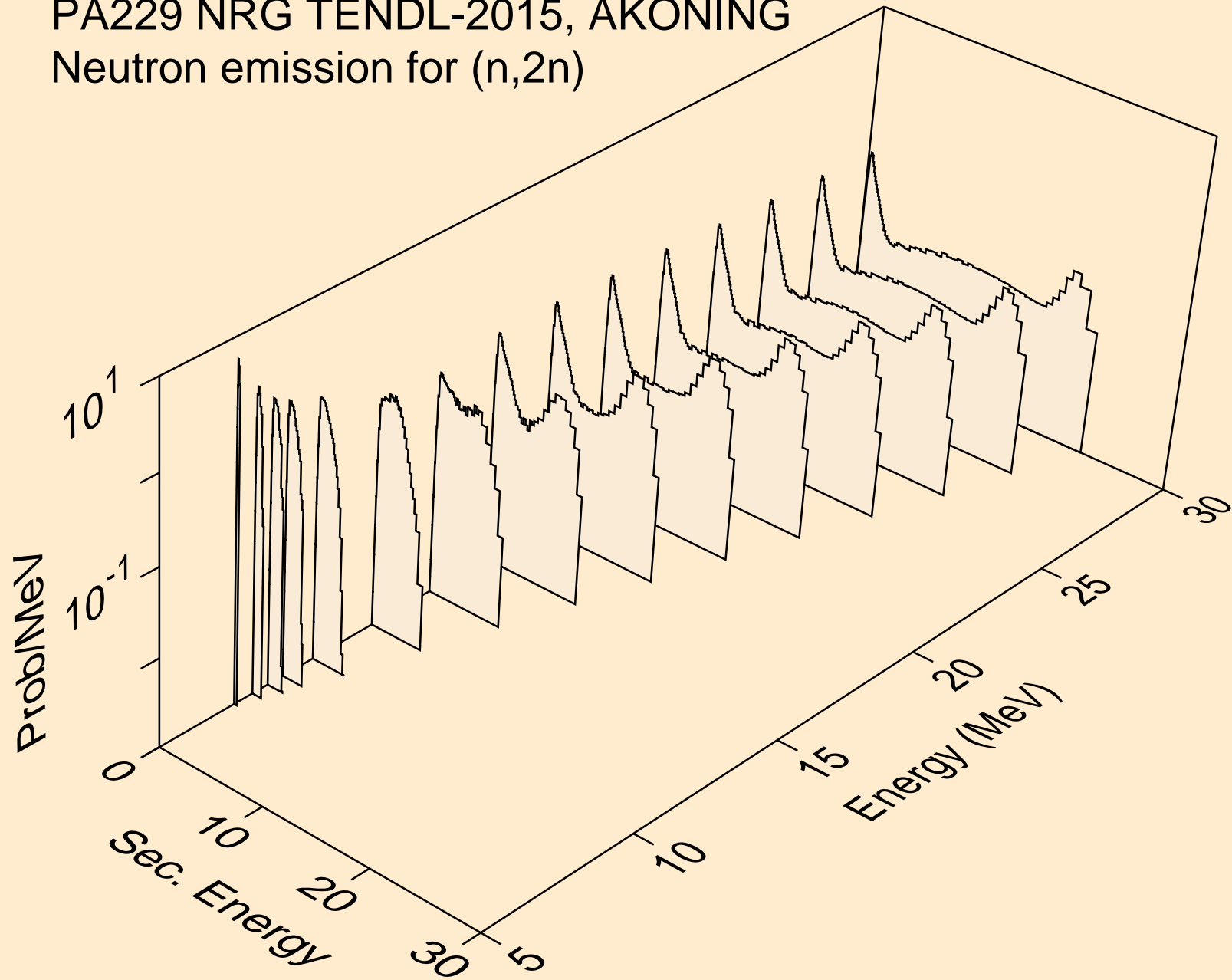
PA229 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



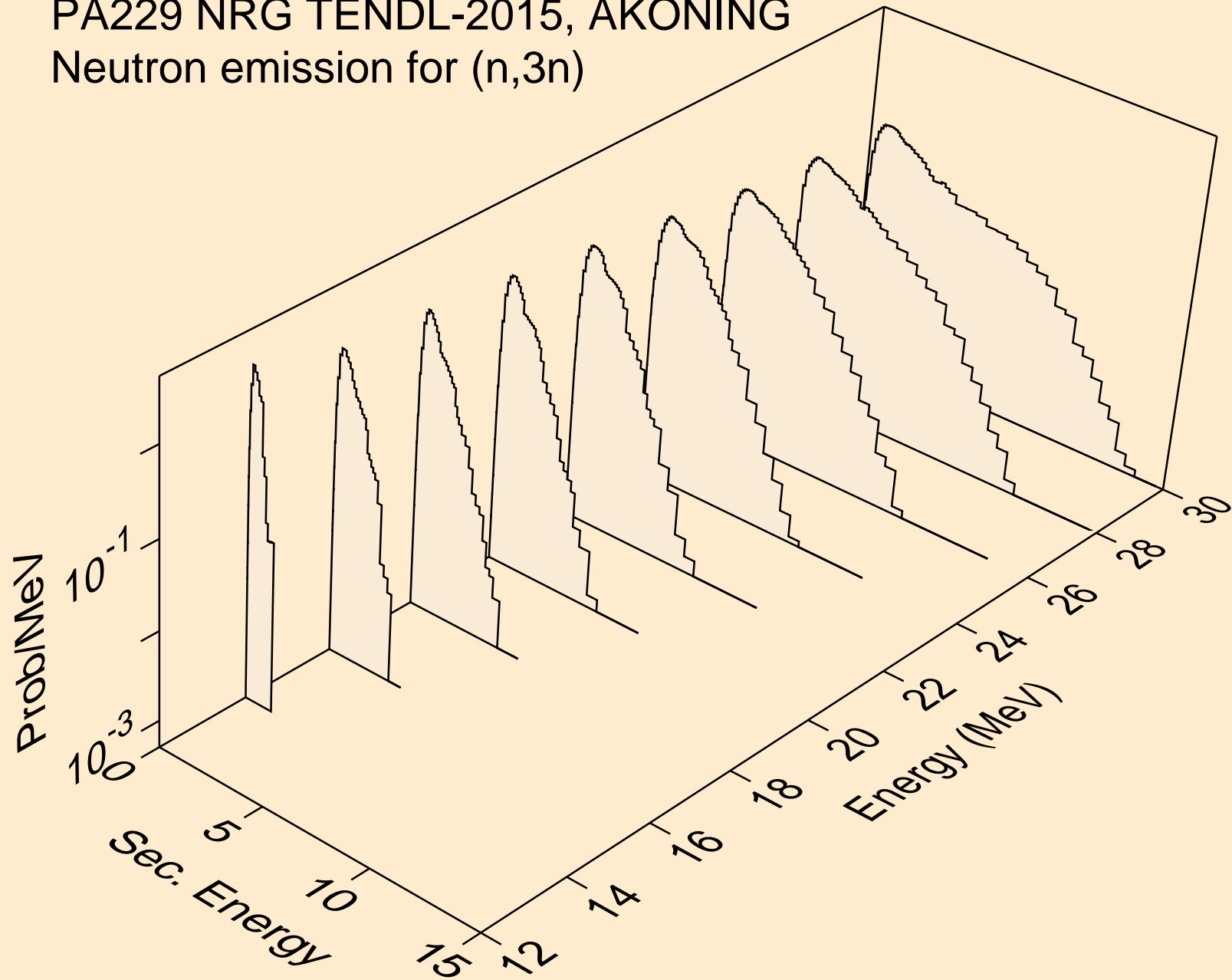
PA229 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



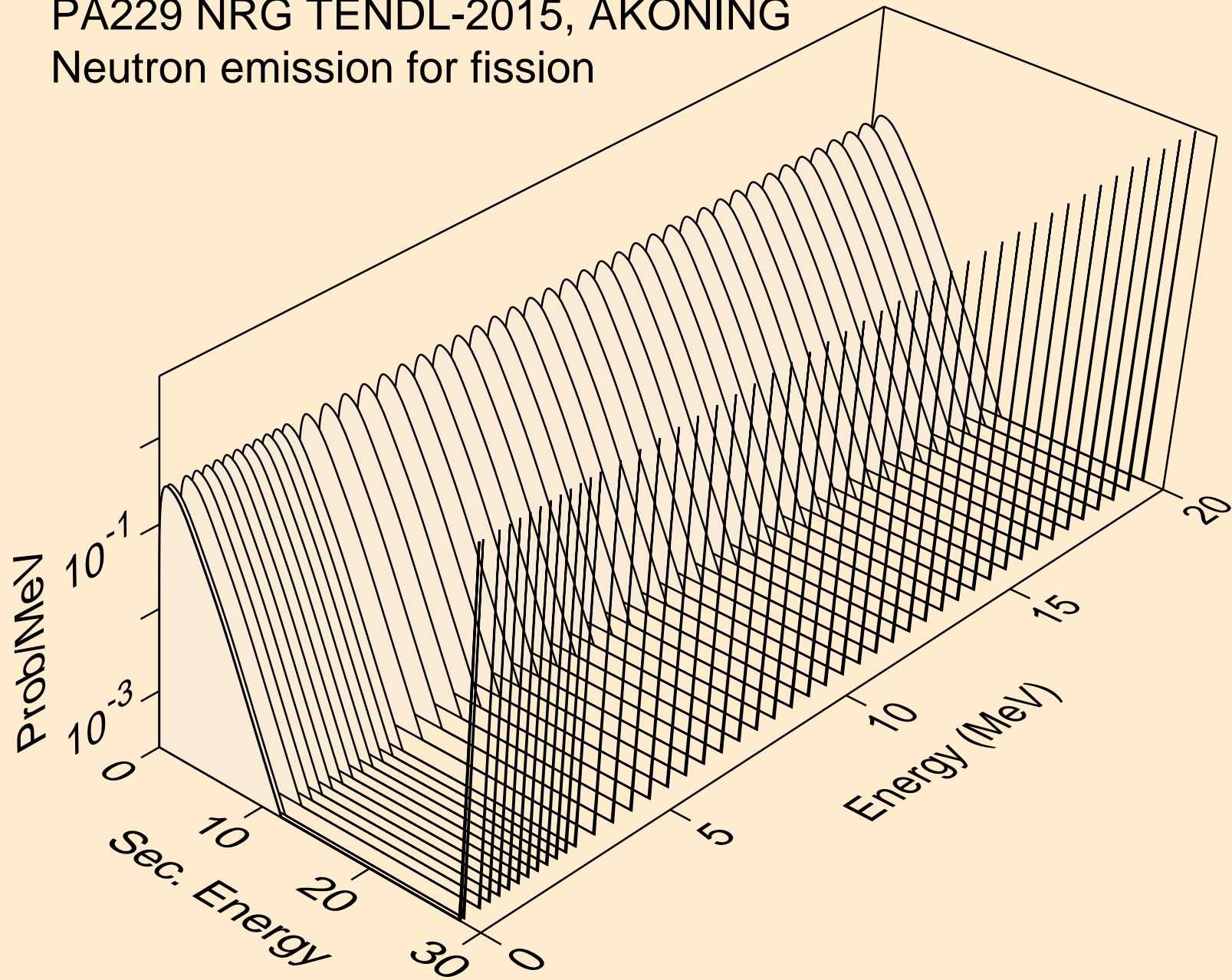
PA229 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



PA229 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)

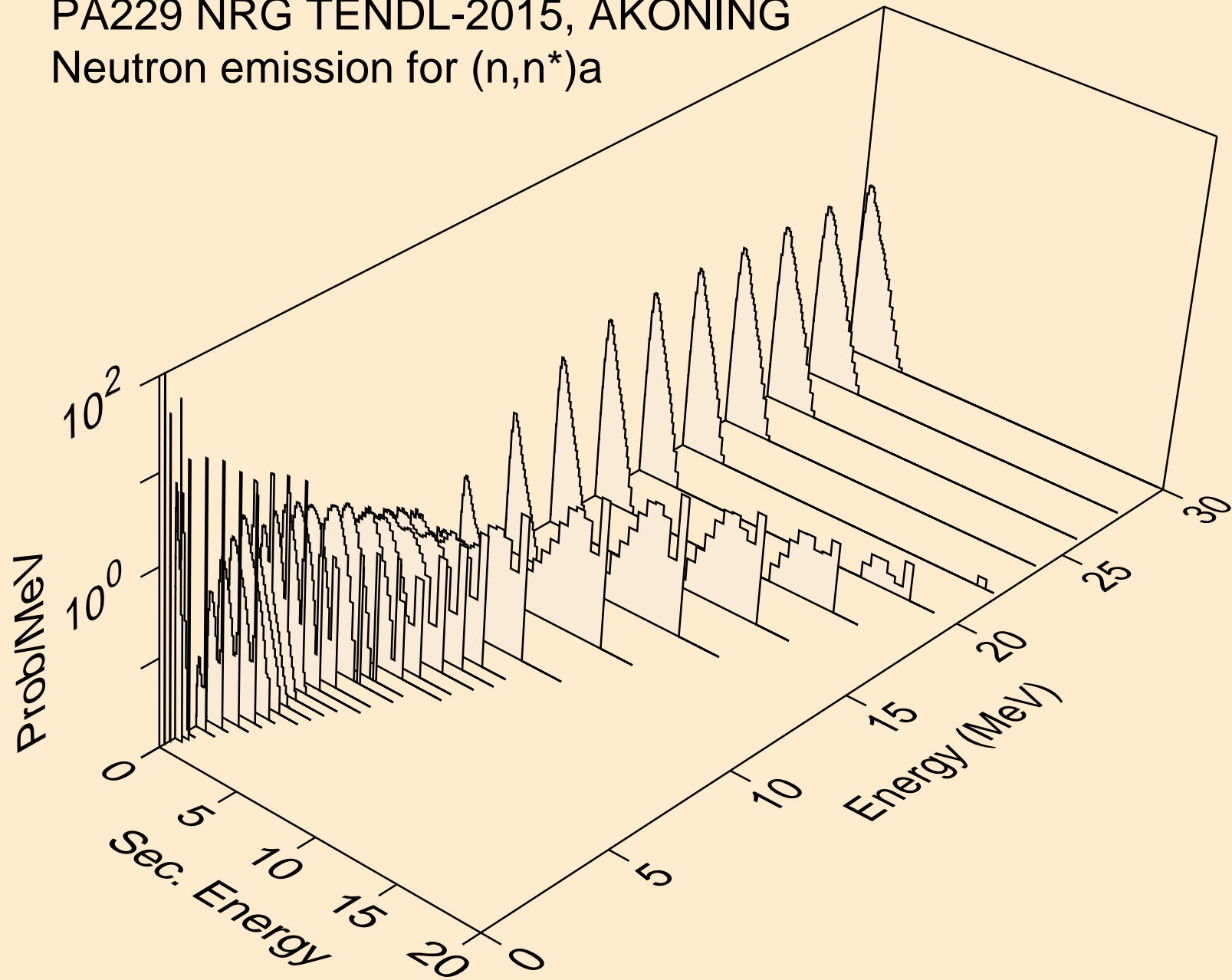


PA229 NRG TENDL-2015, AKONING  
Neutron emission for fission

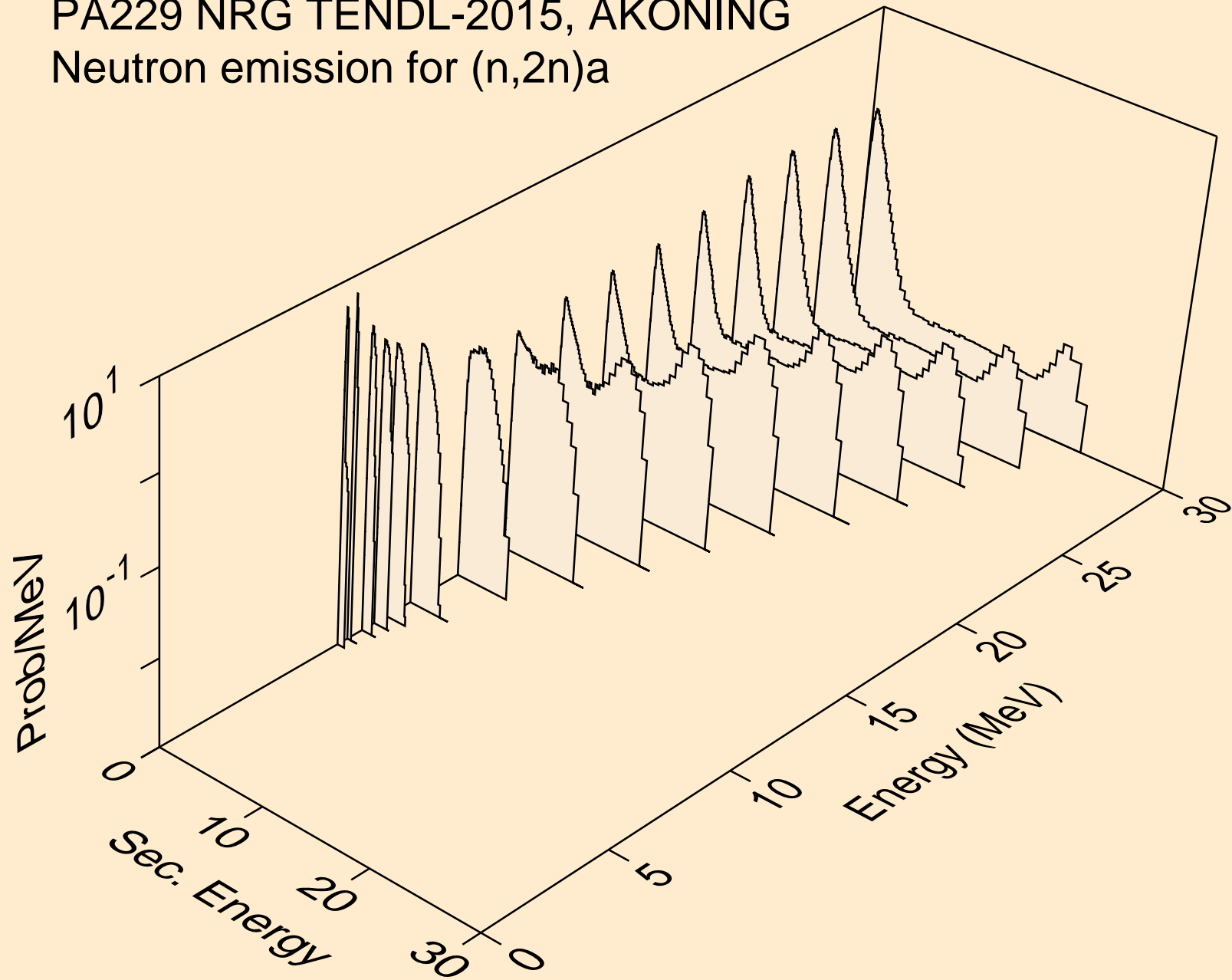




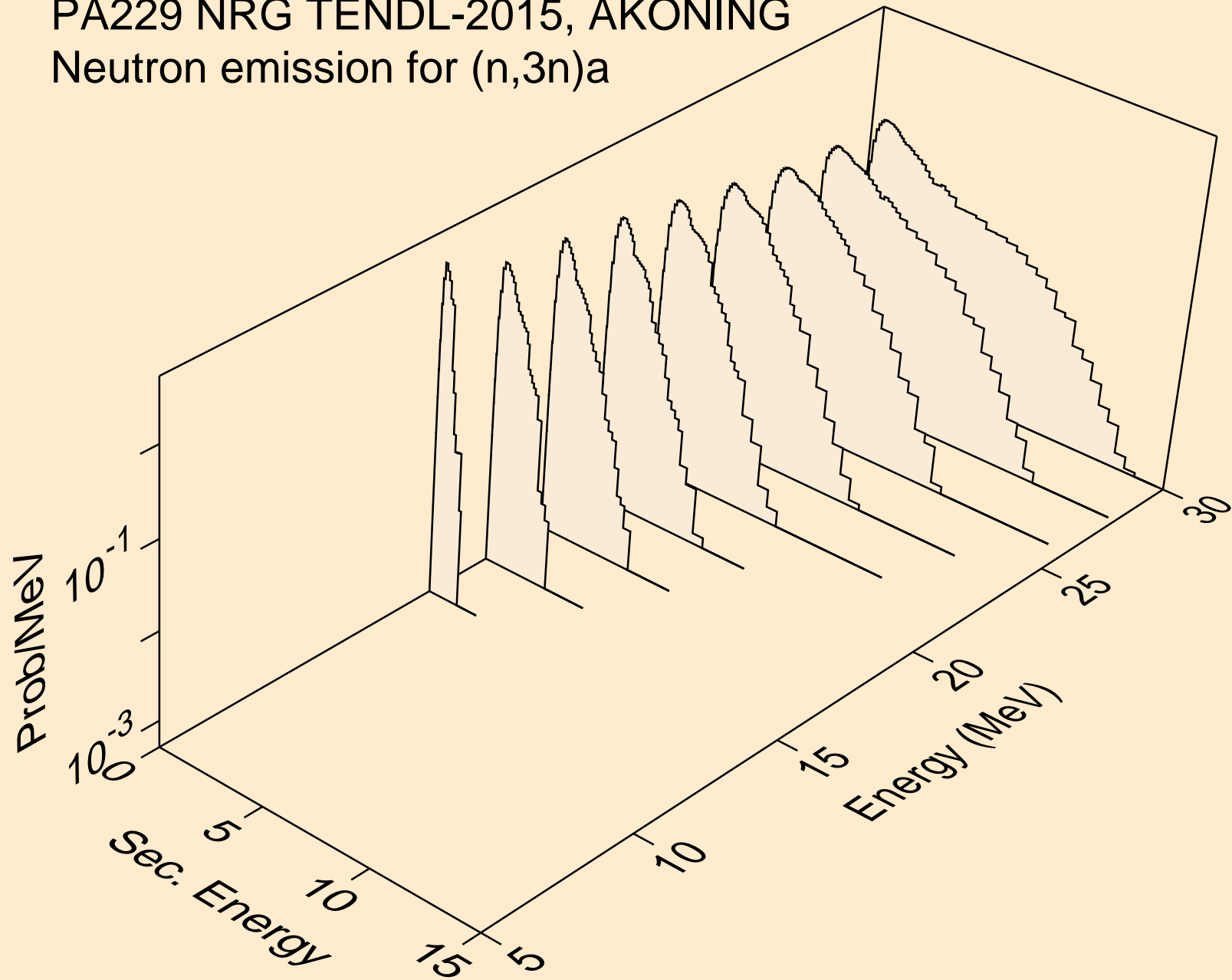
PA229 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



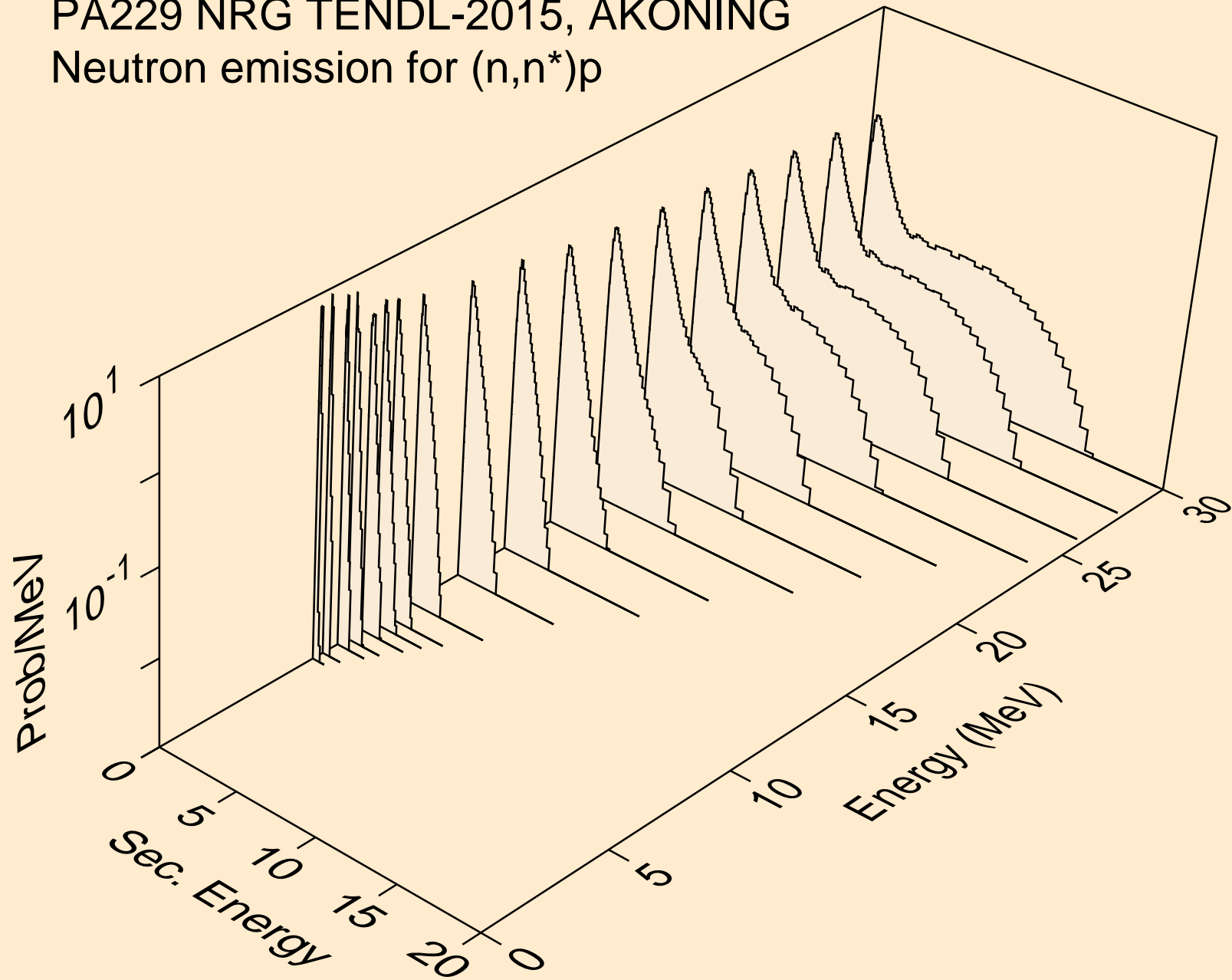
PA229 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



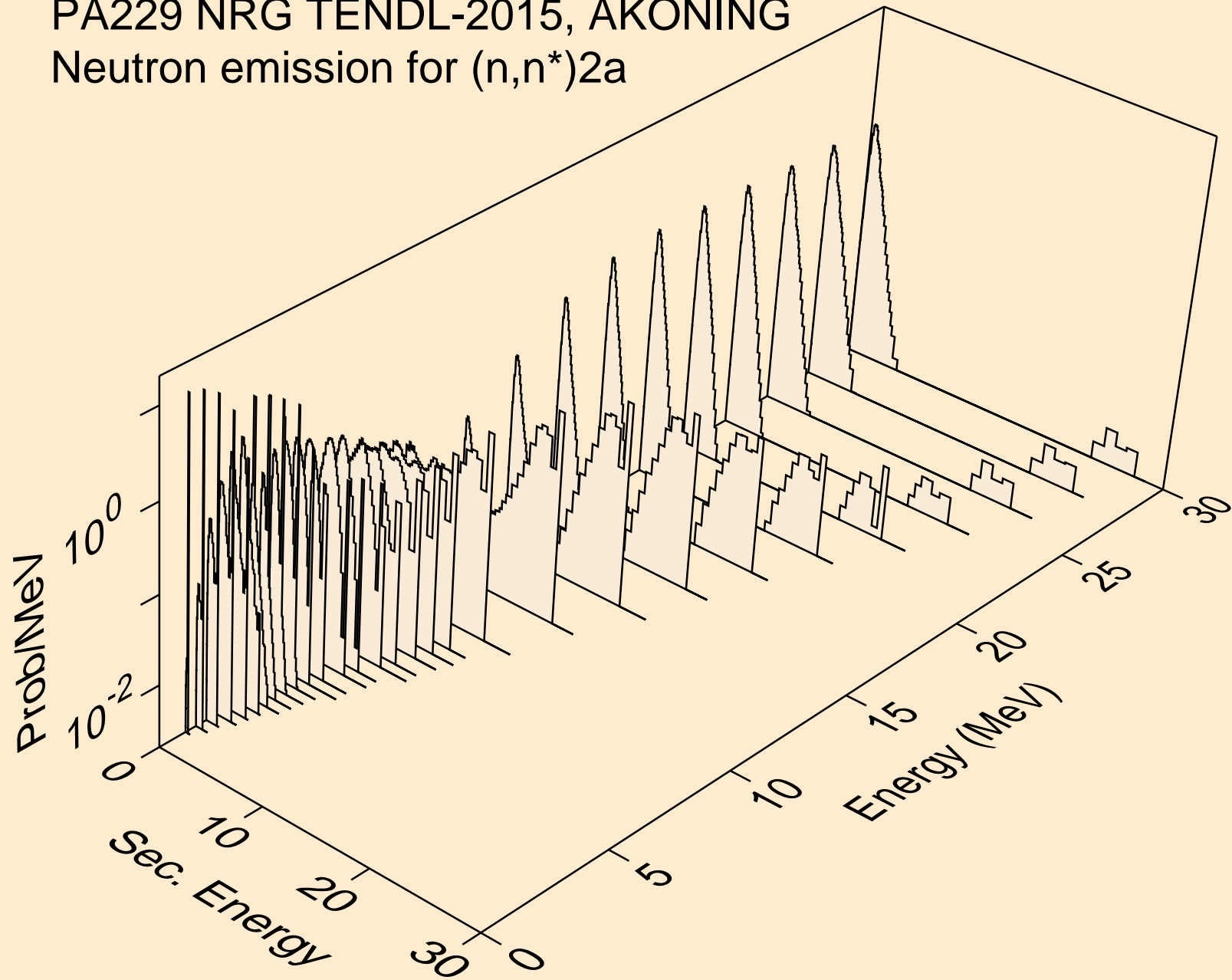
PA229 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



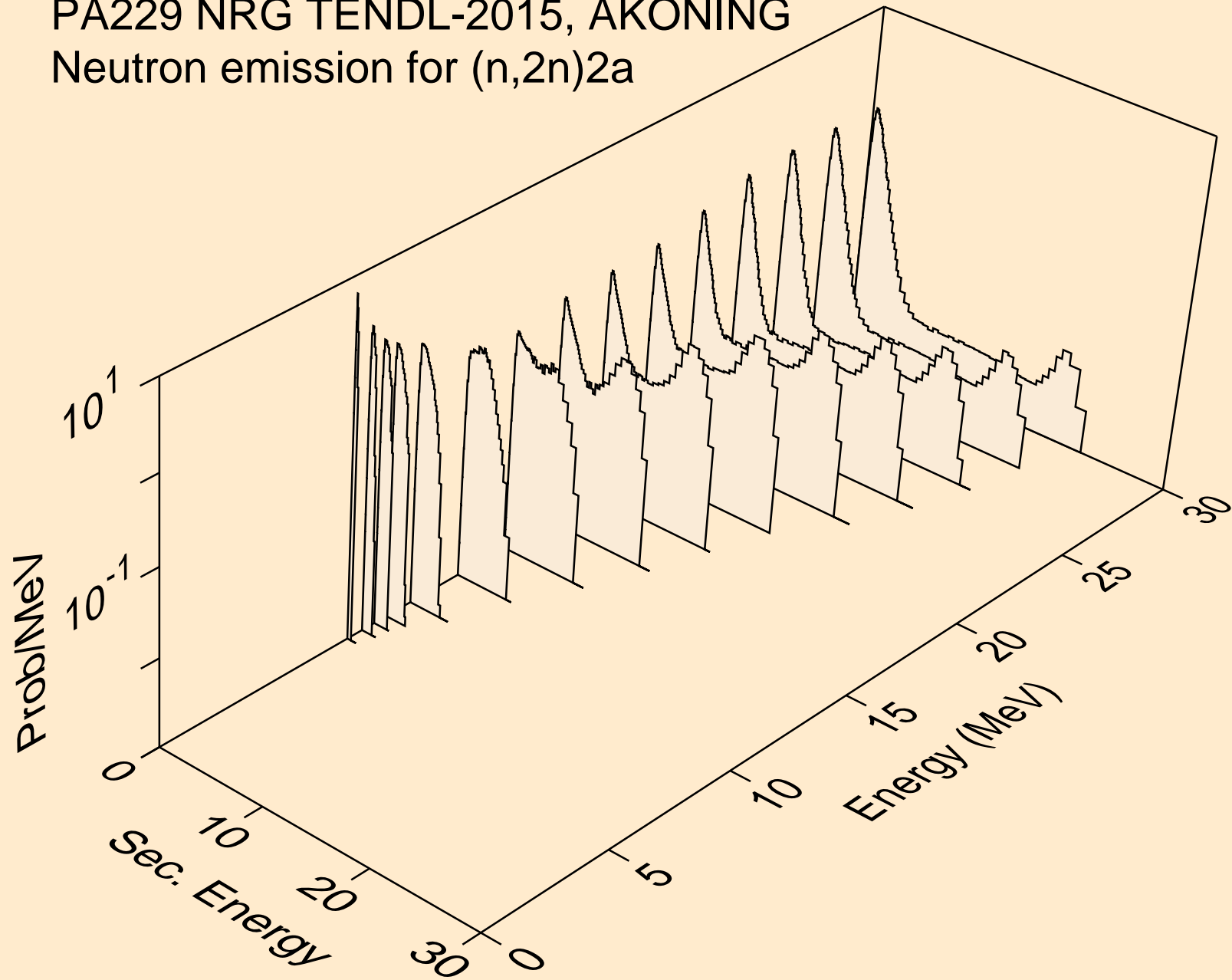
PA229 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



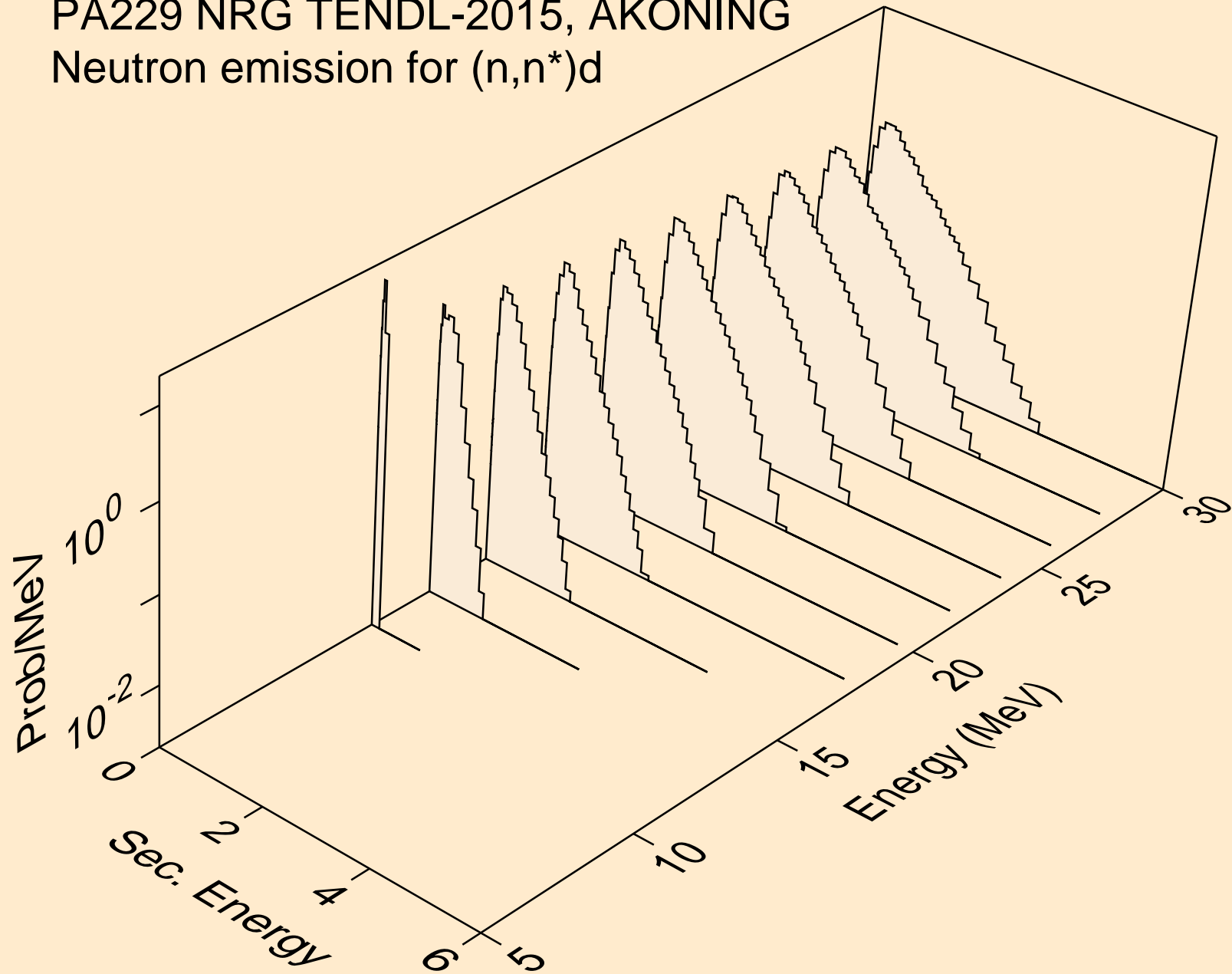
PA229 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



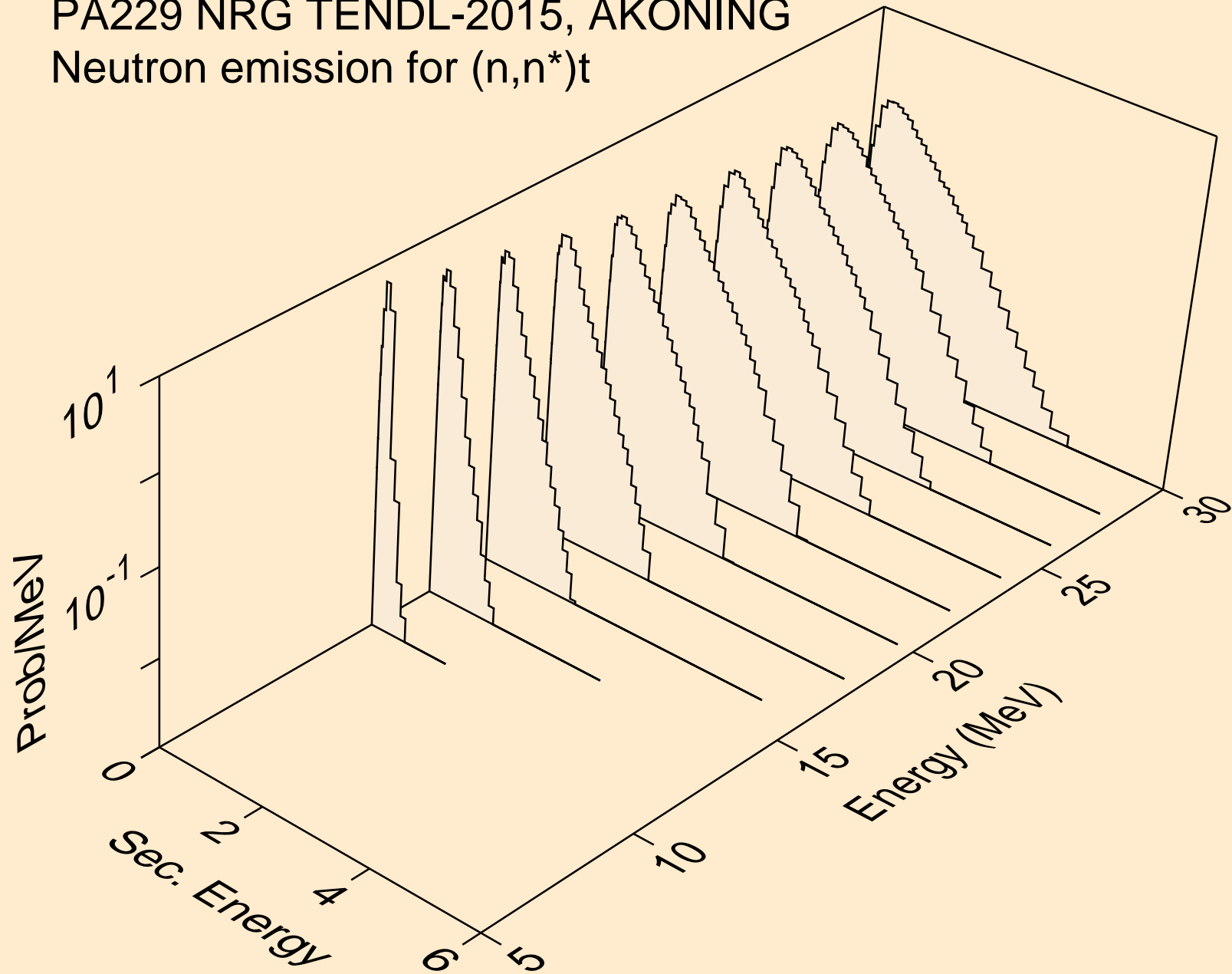
PA229 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



PA229 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

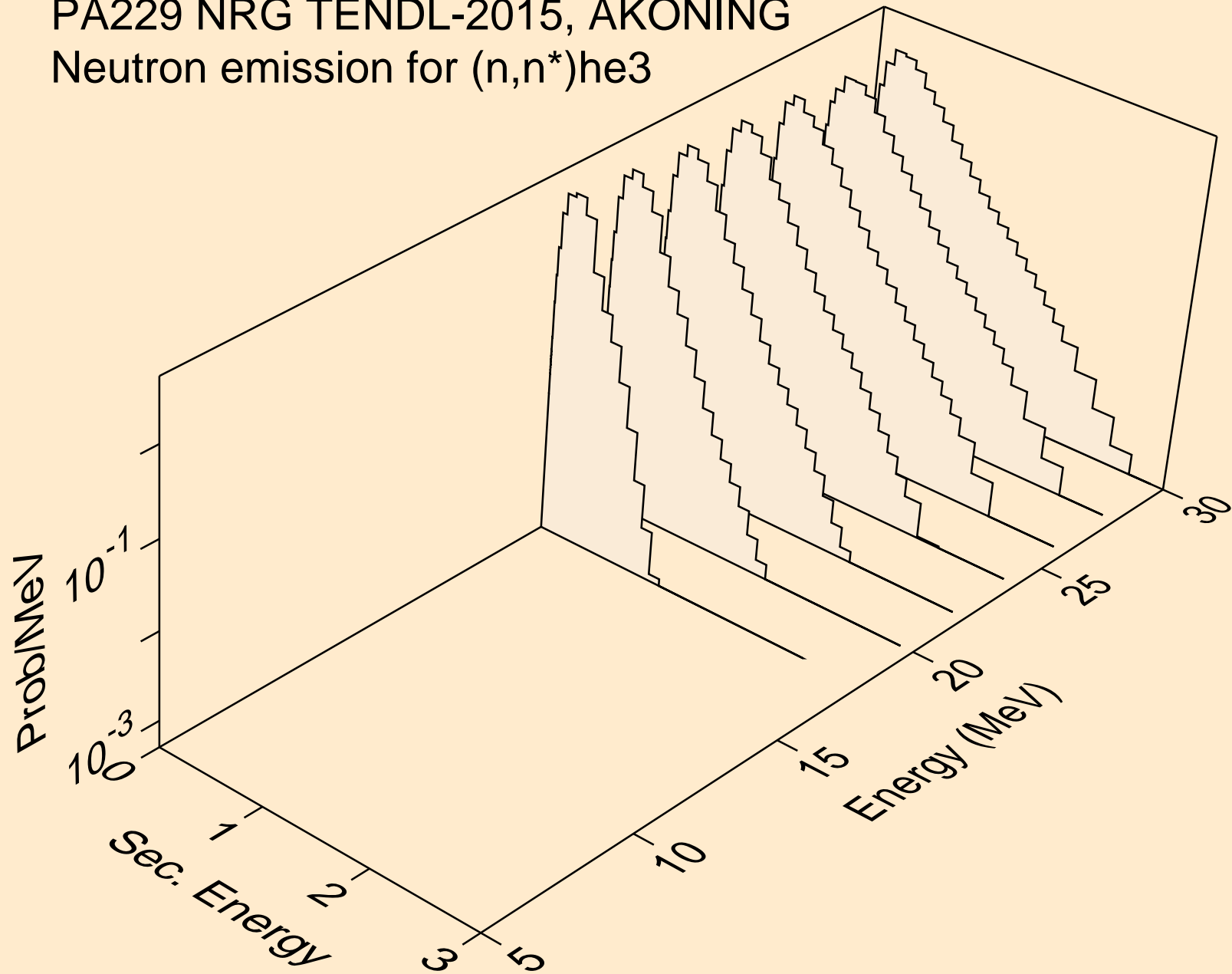


PA229 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

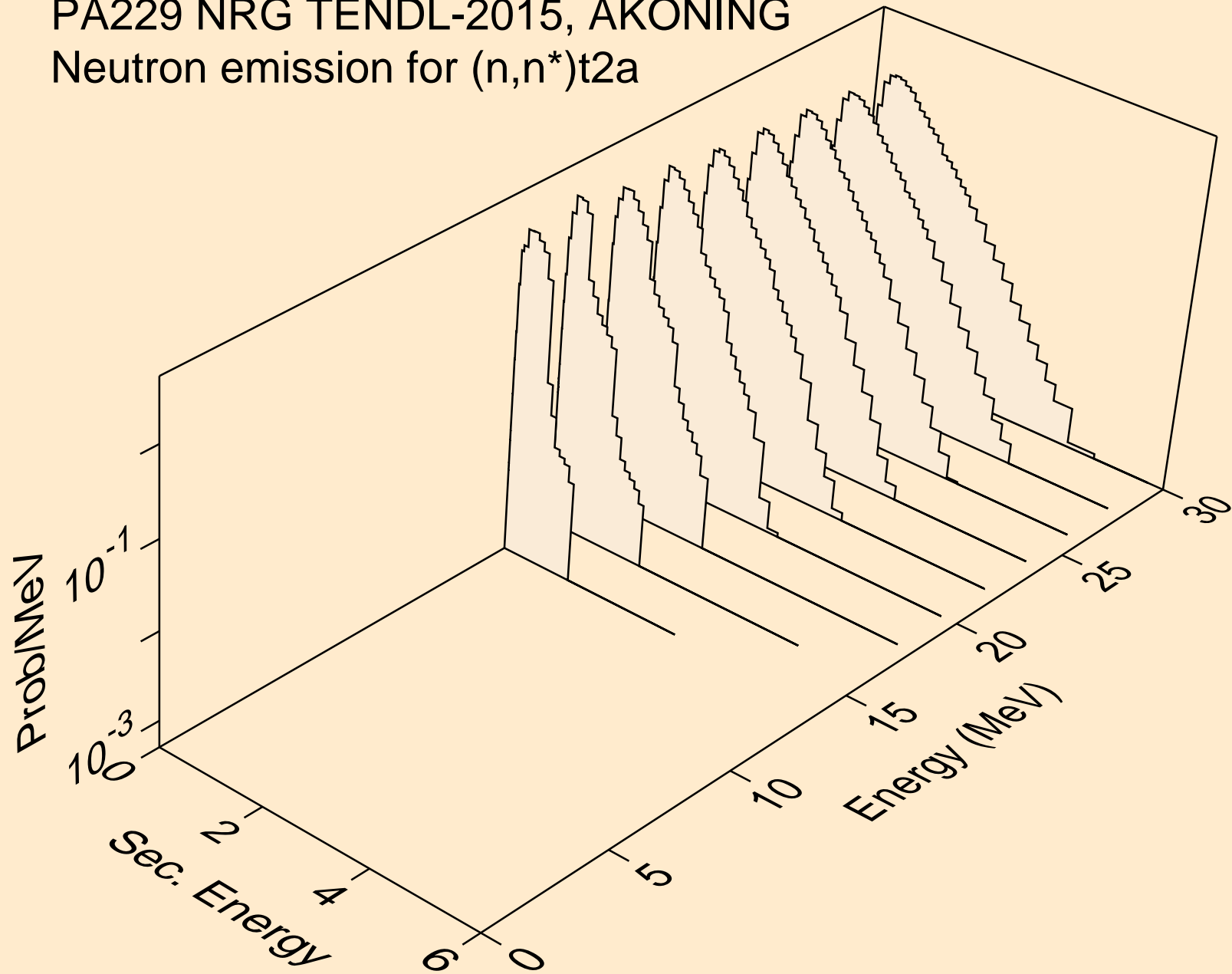




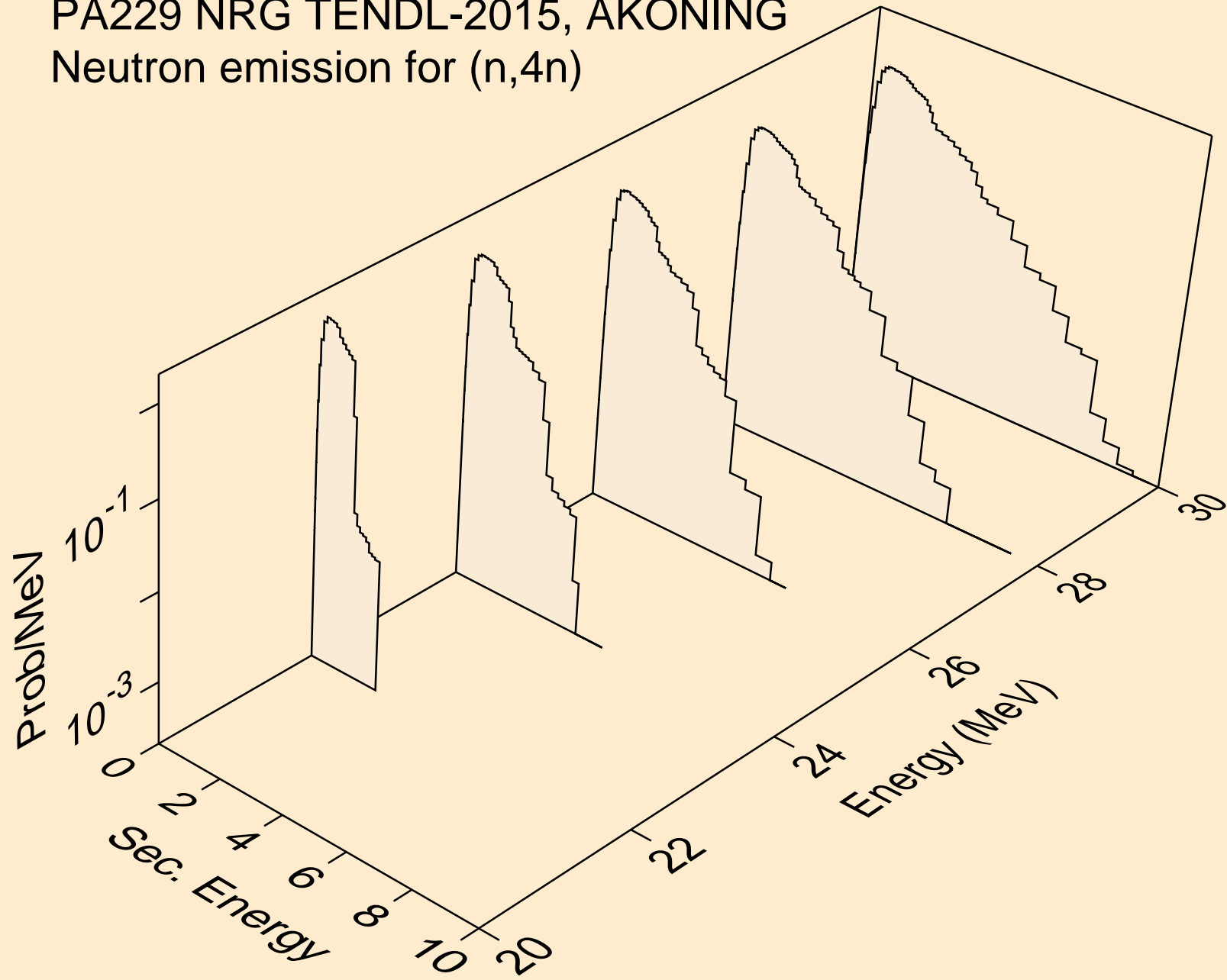
PA229 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



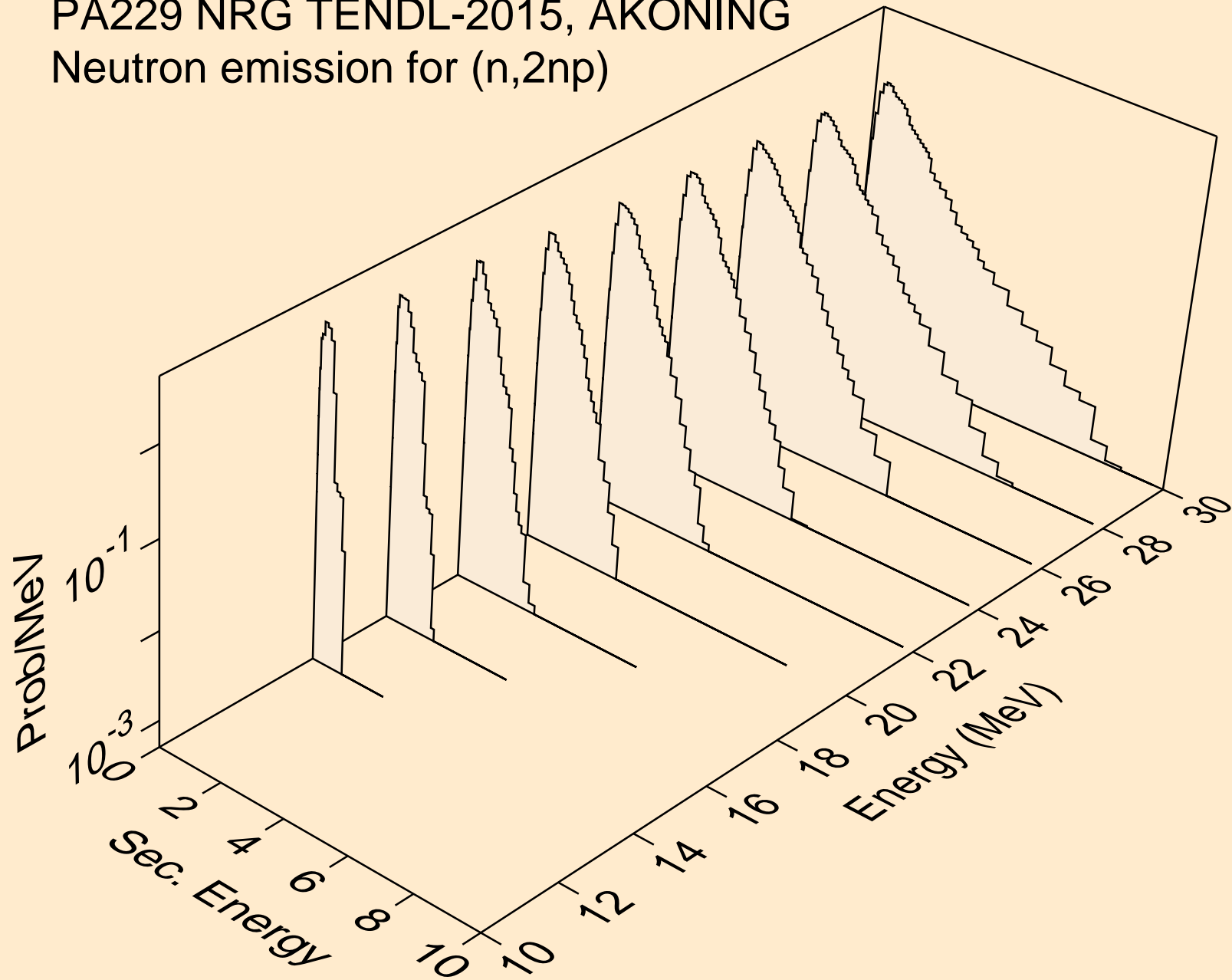
PA229 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t2a



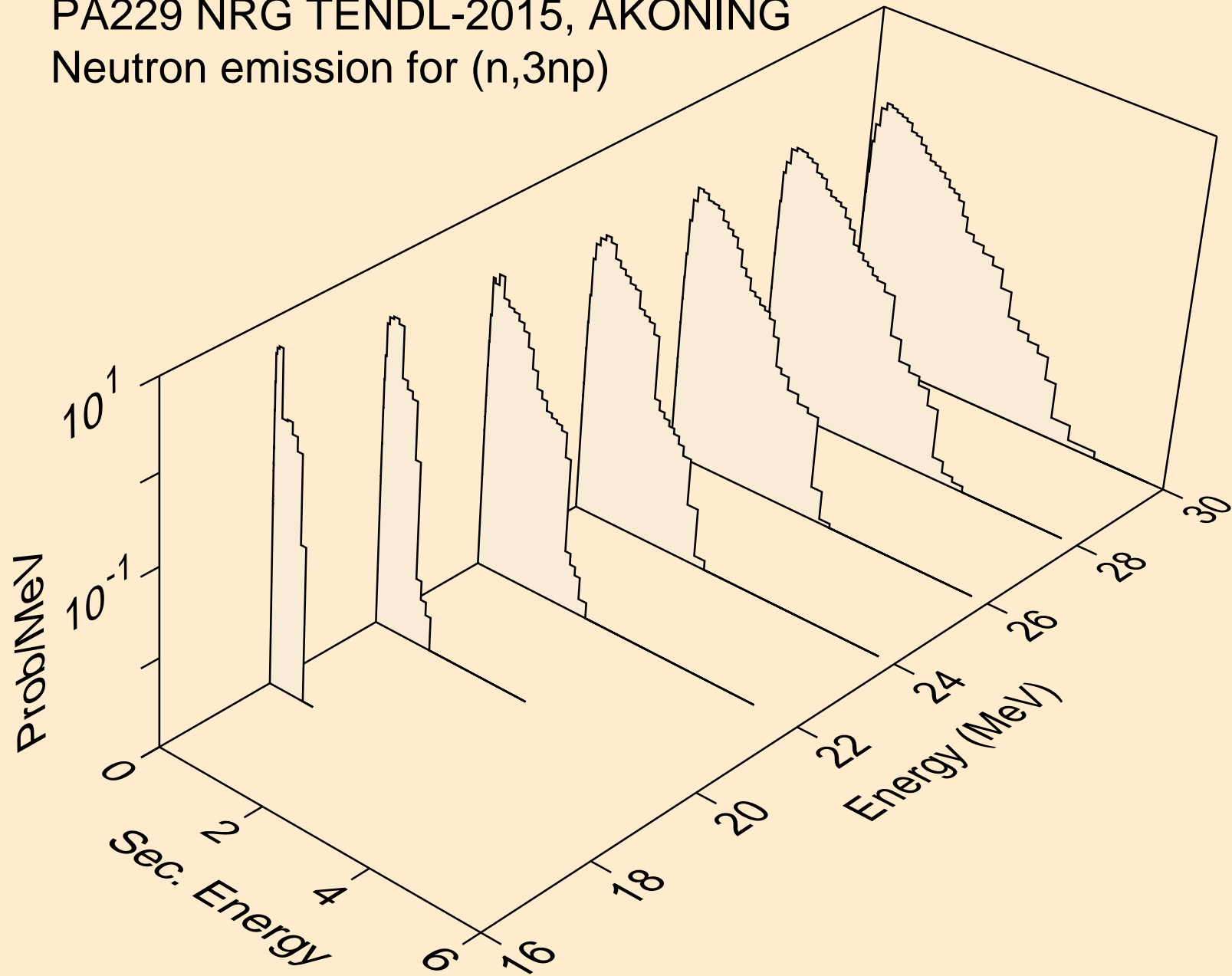
PA229 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



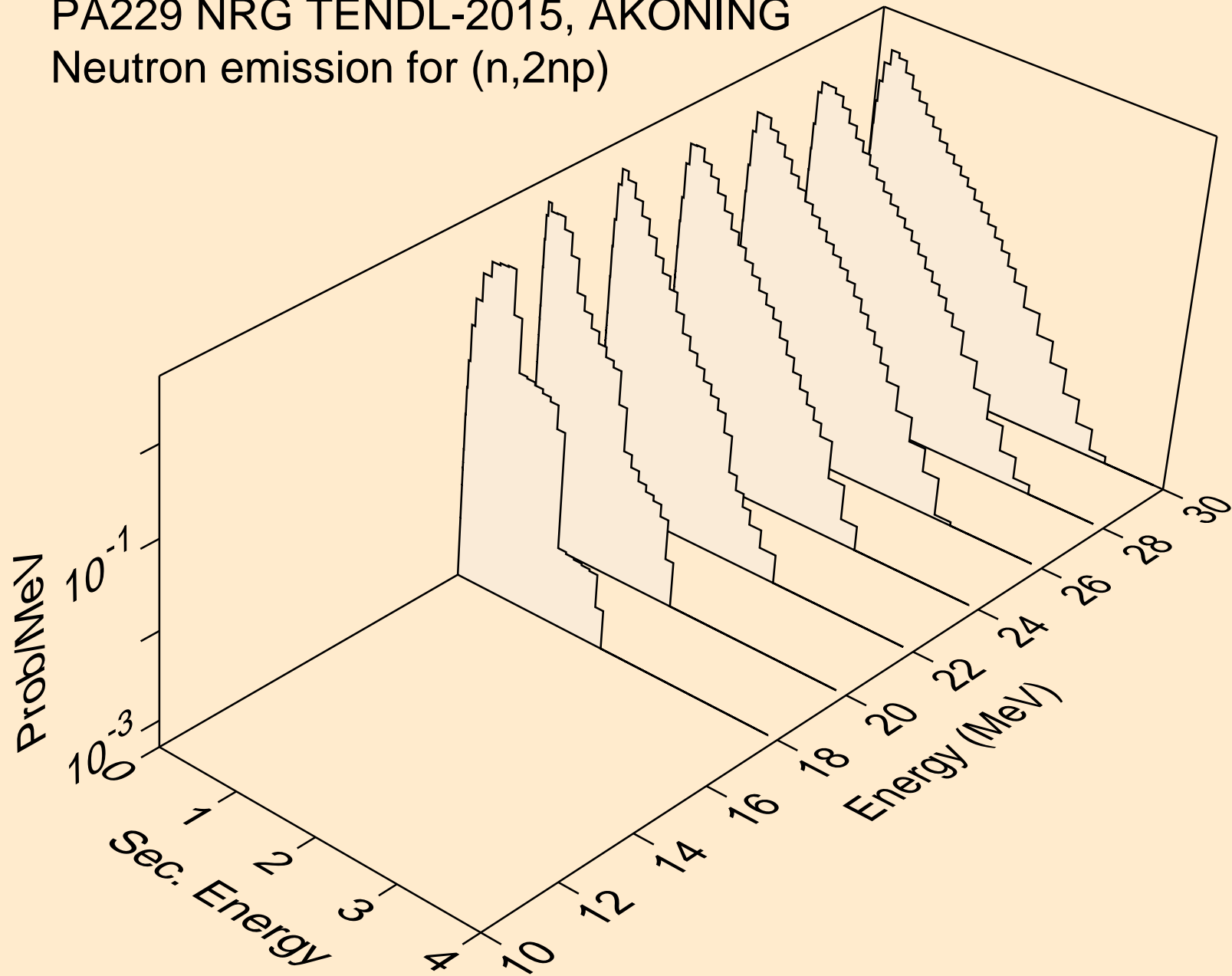
PA229 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



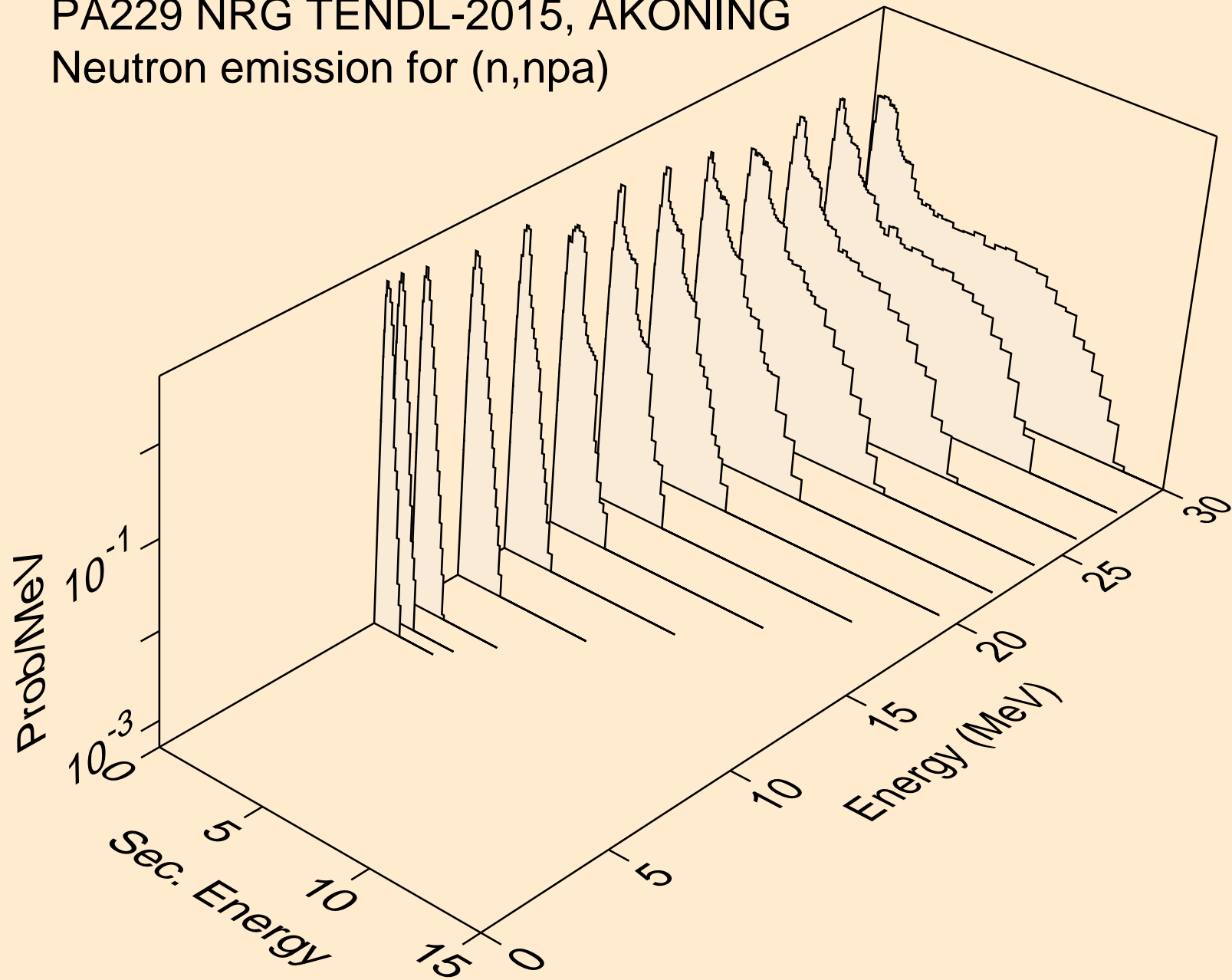
PA229 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



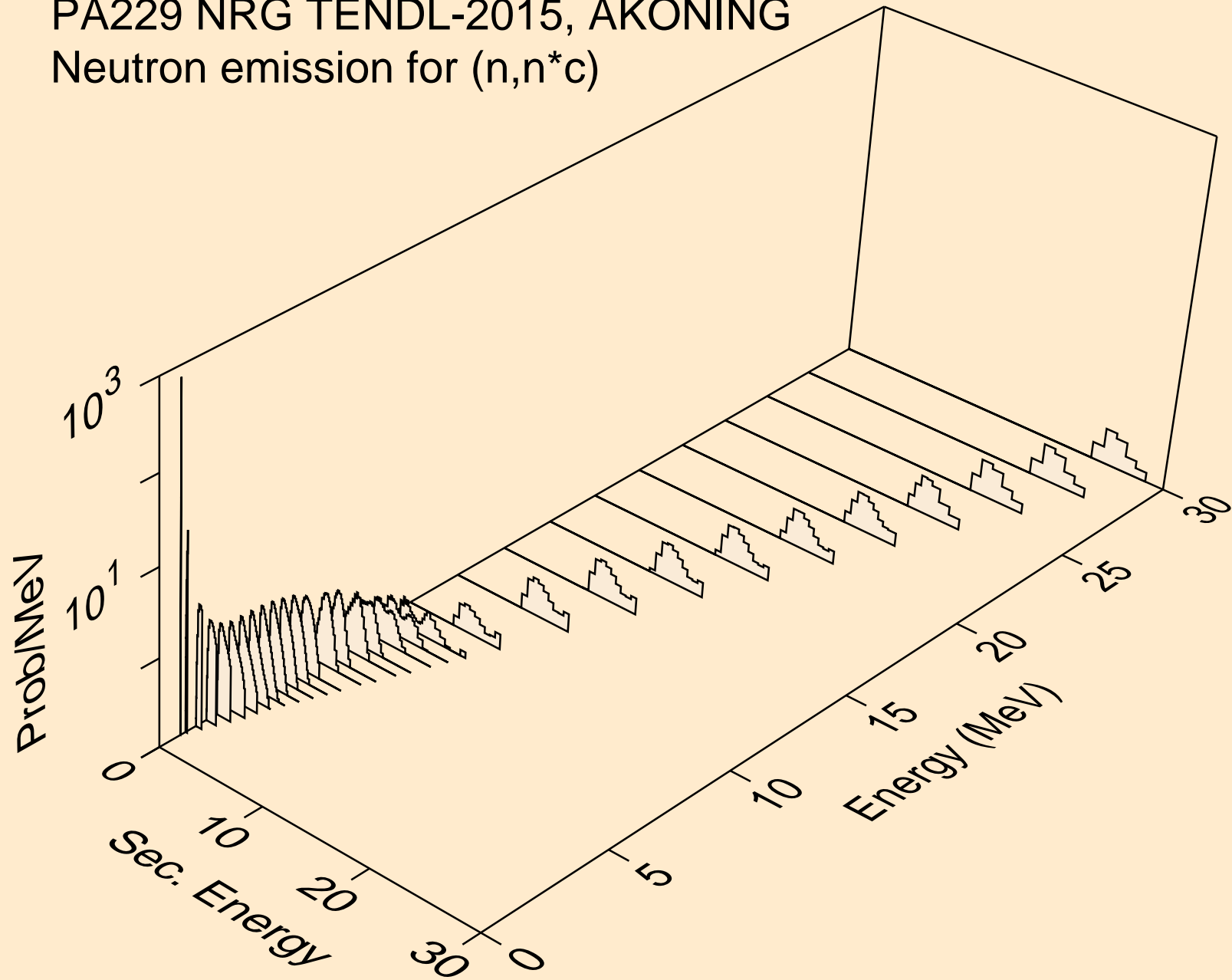
PA229 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



PA229 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



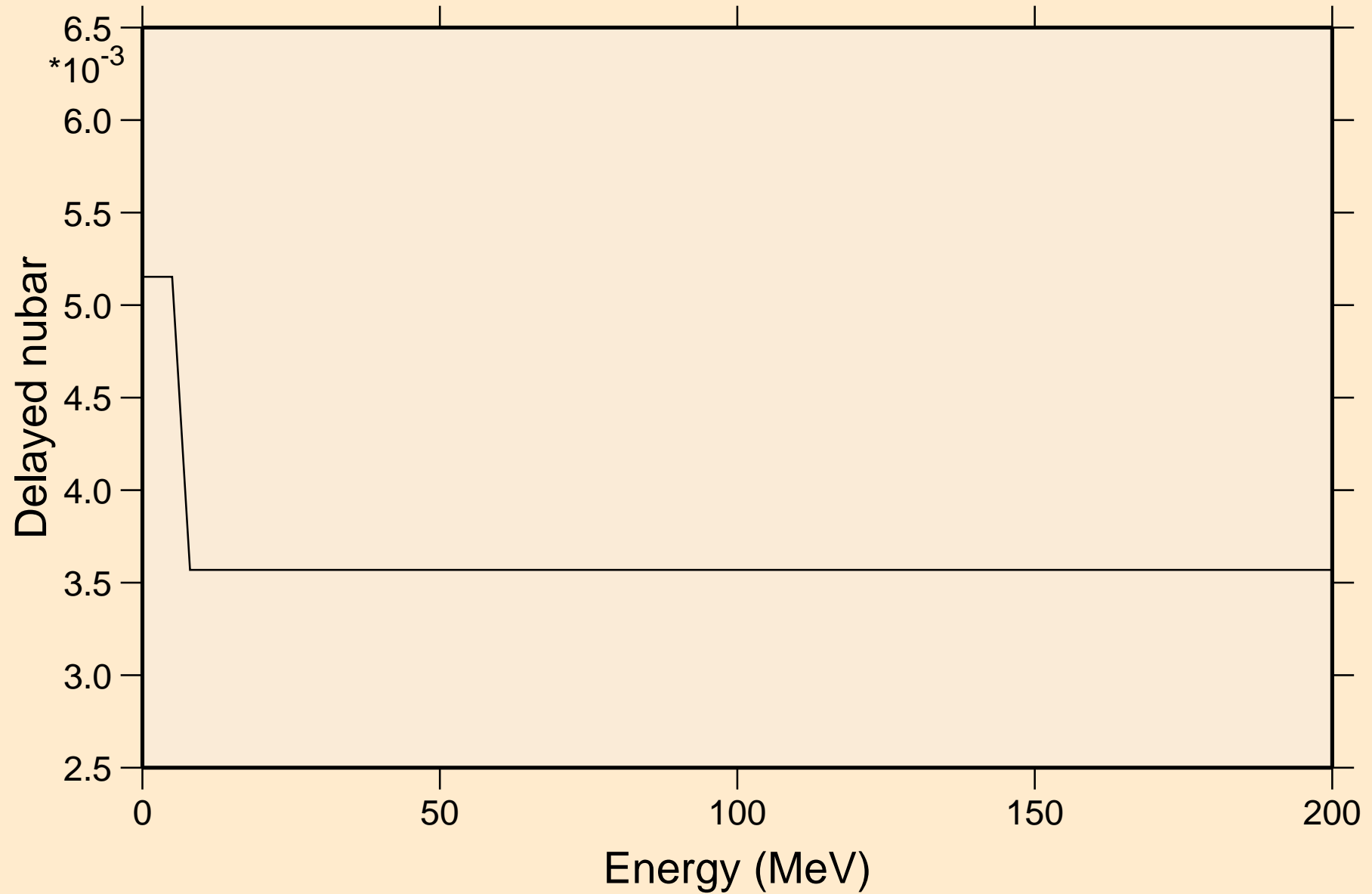
PA229 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)





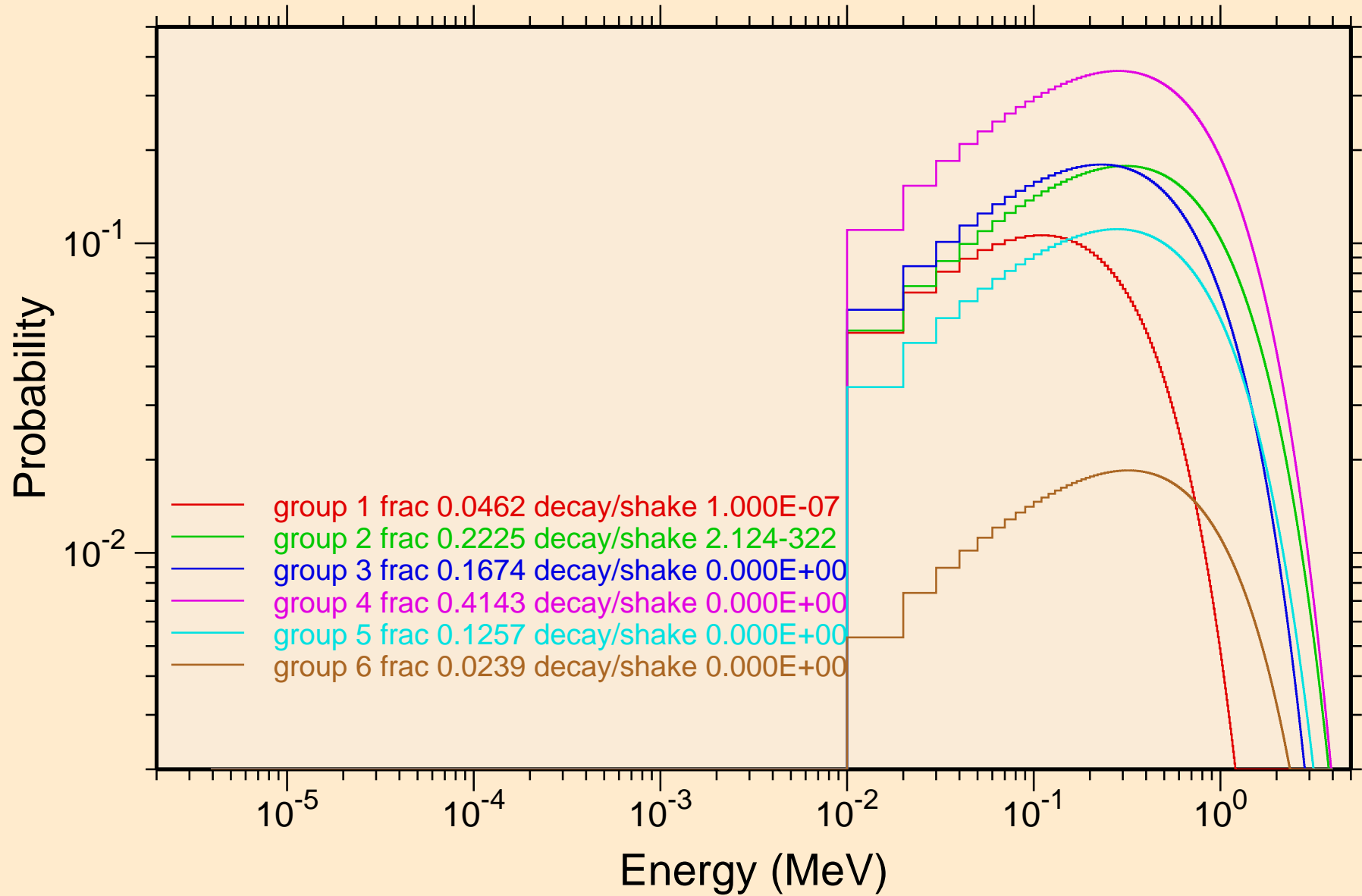
# PA229 NRG TENDL-2015, AKONING

Delayed nubar

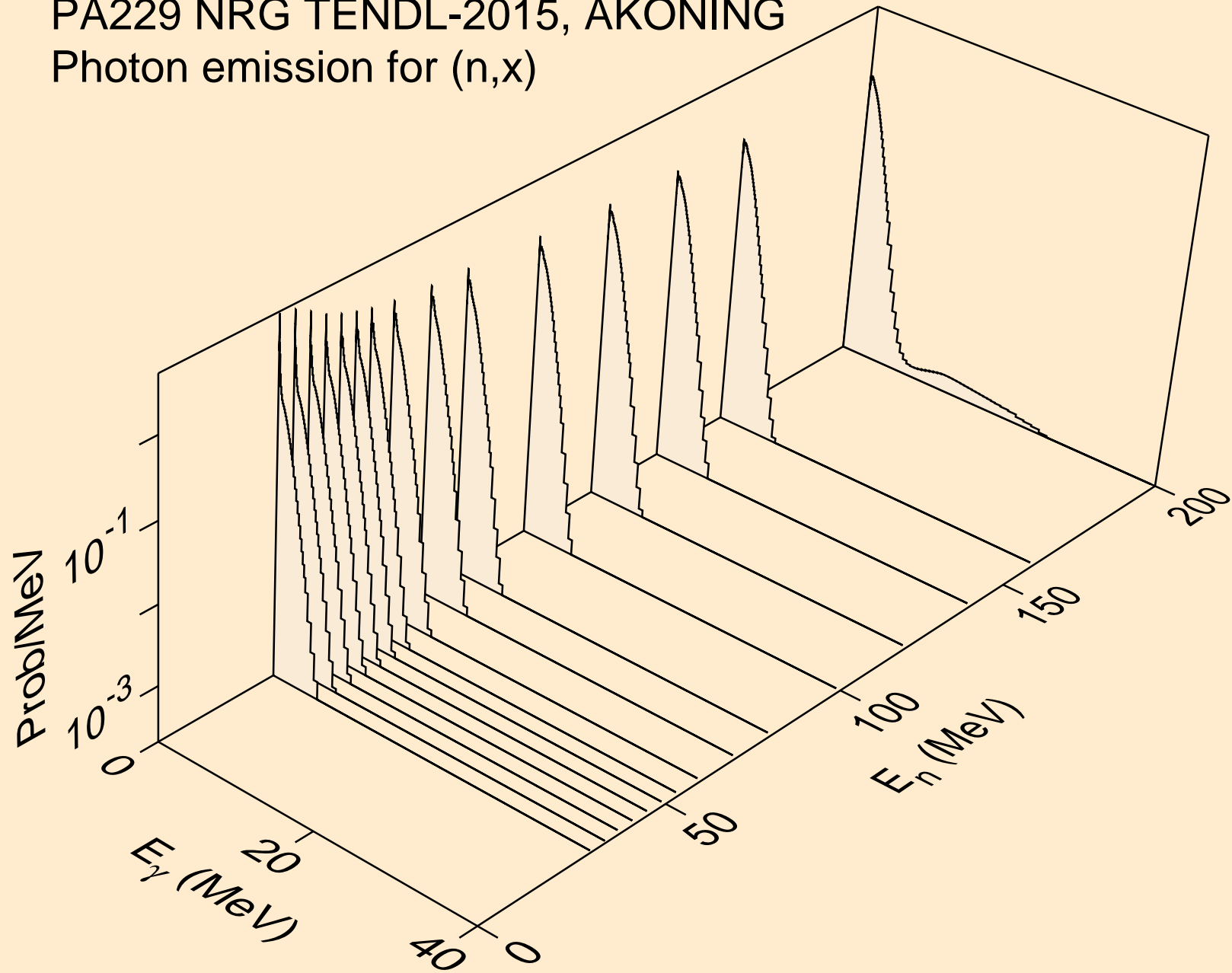


# PA229 NRG TENDL-2015, AKONING

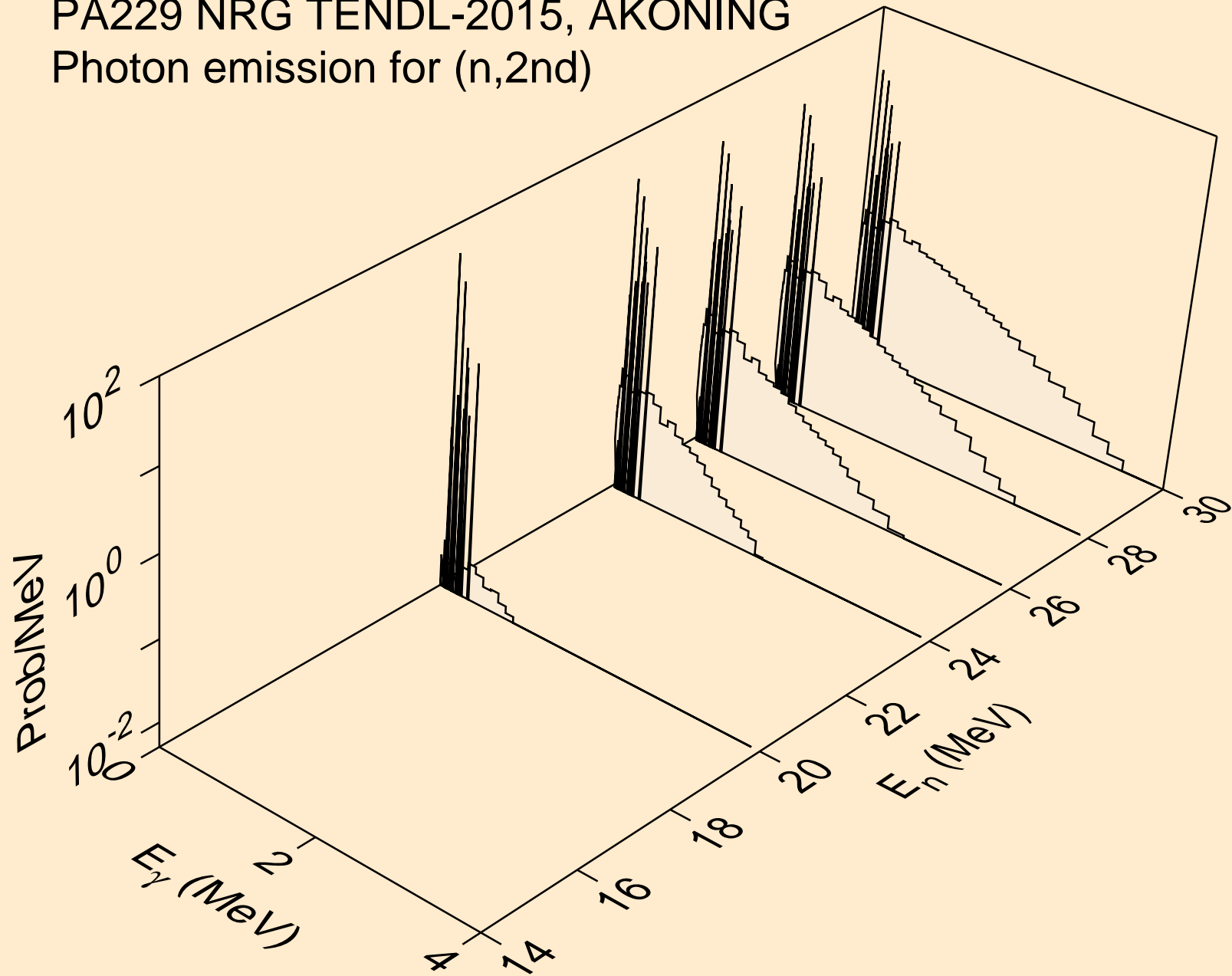
## Delayed neutron spectra



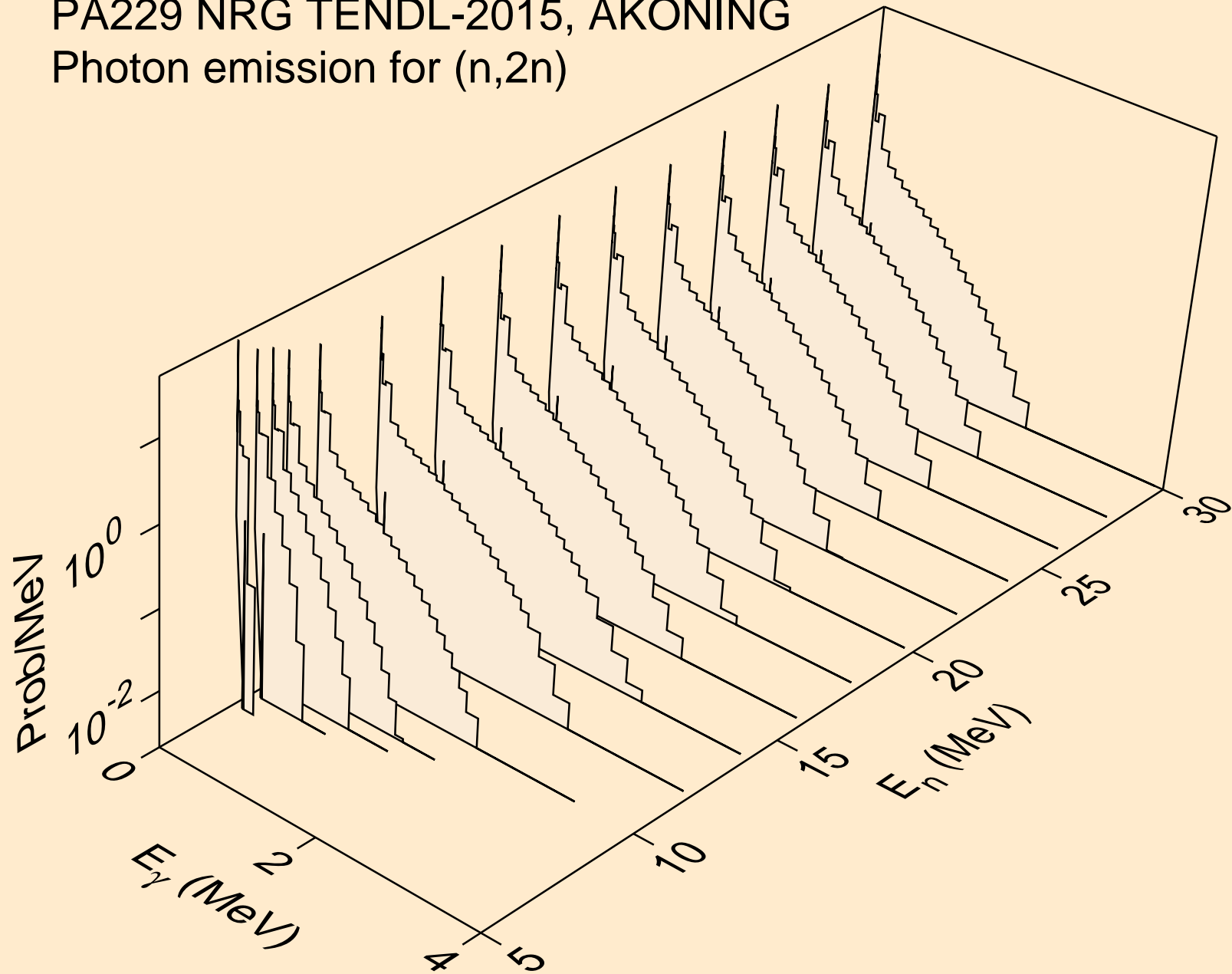
PA229 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



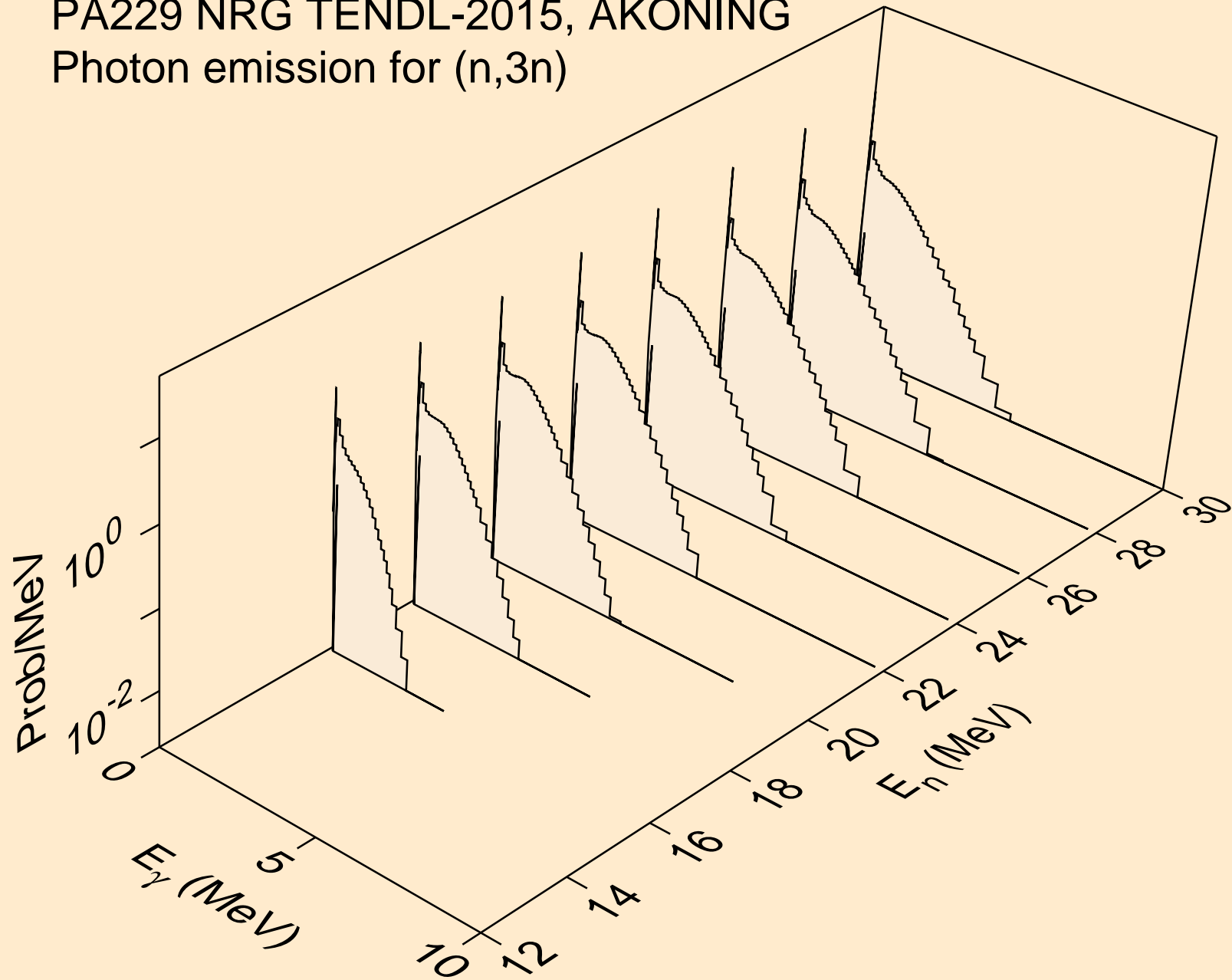
PA229 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



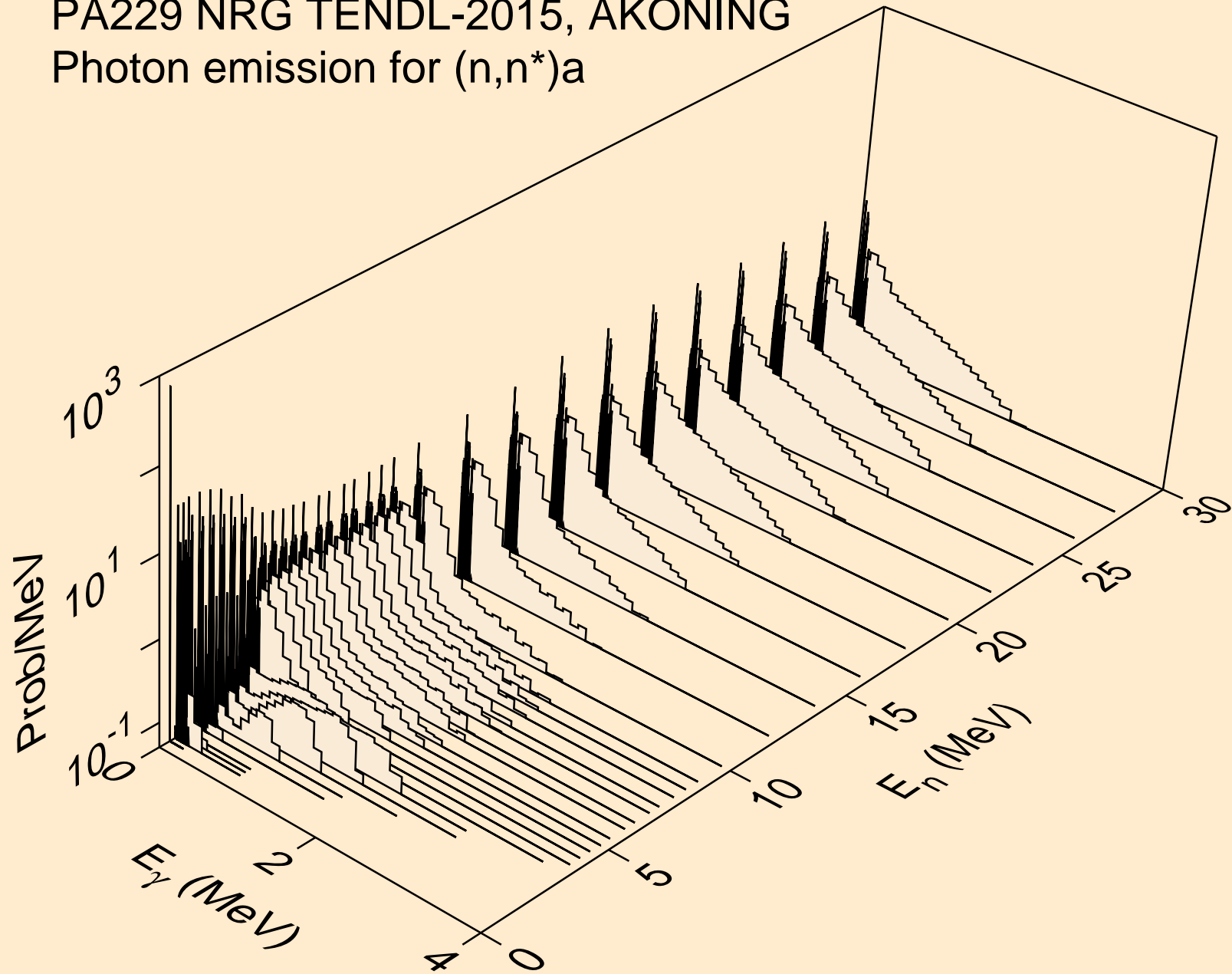
PA229 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



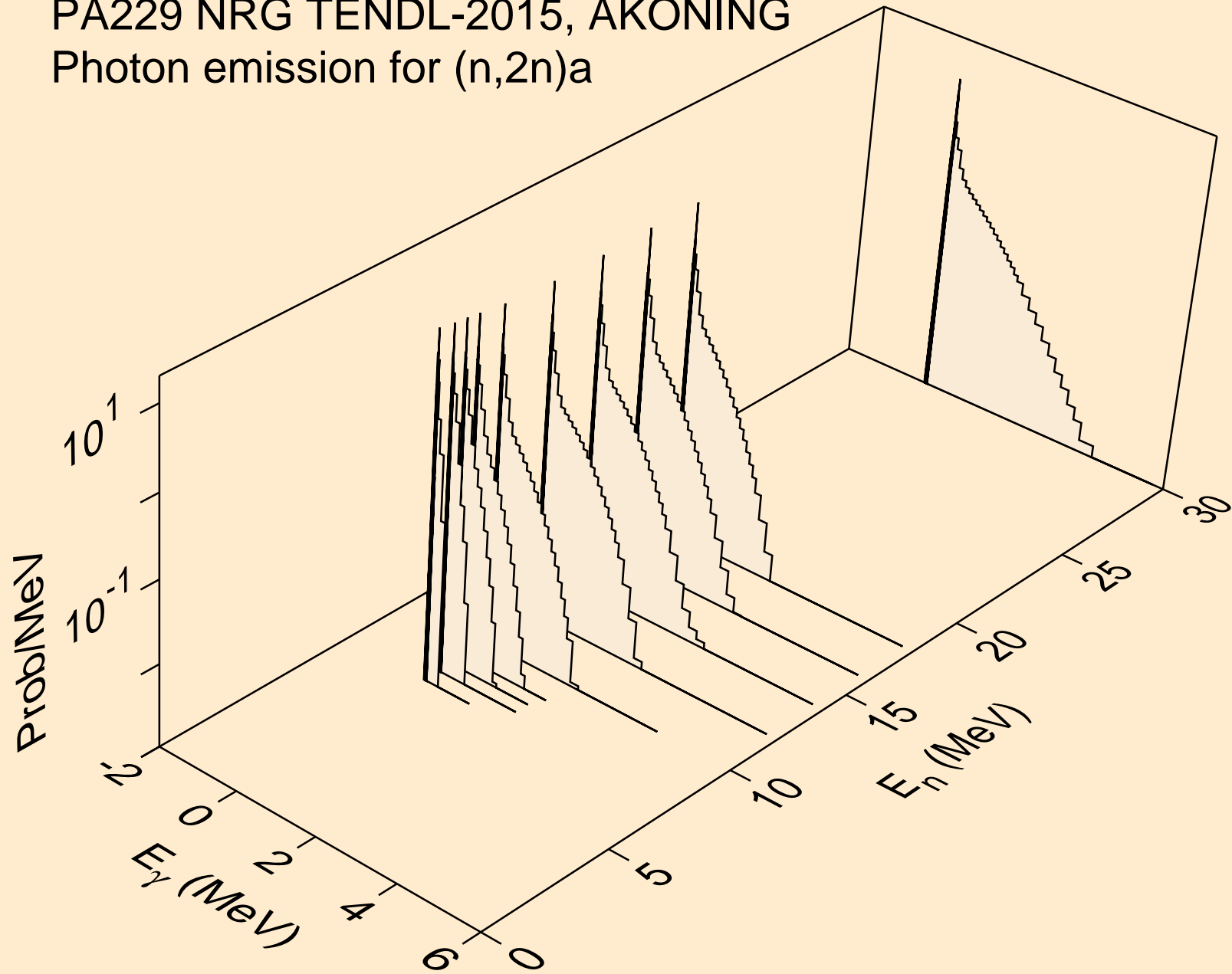
PA229 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



PA229 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

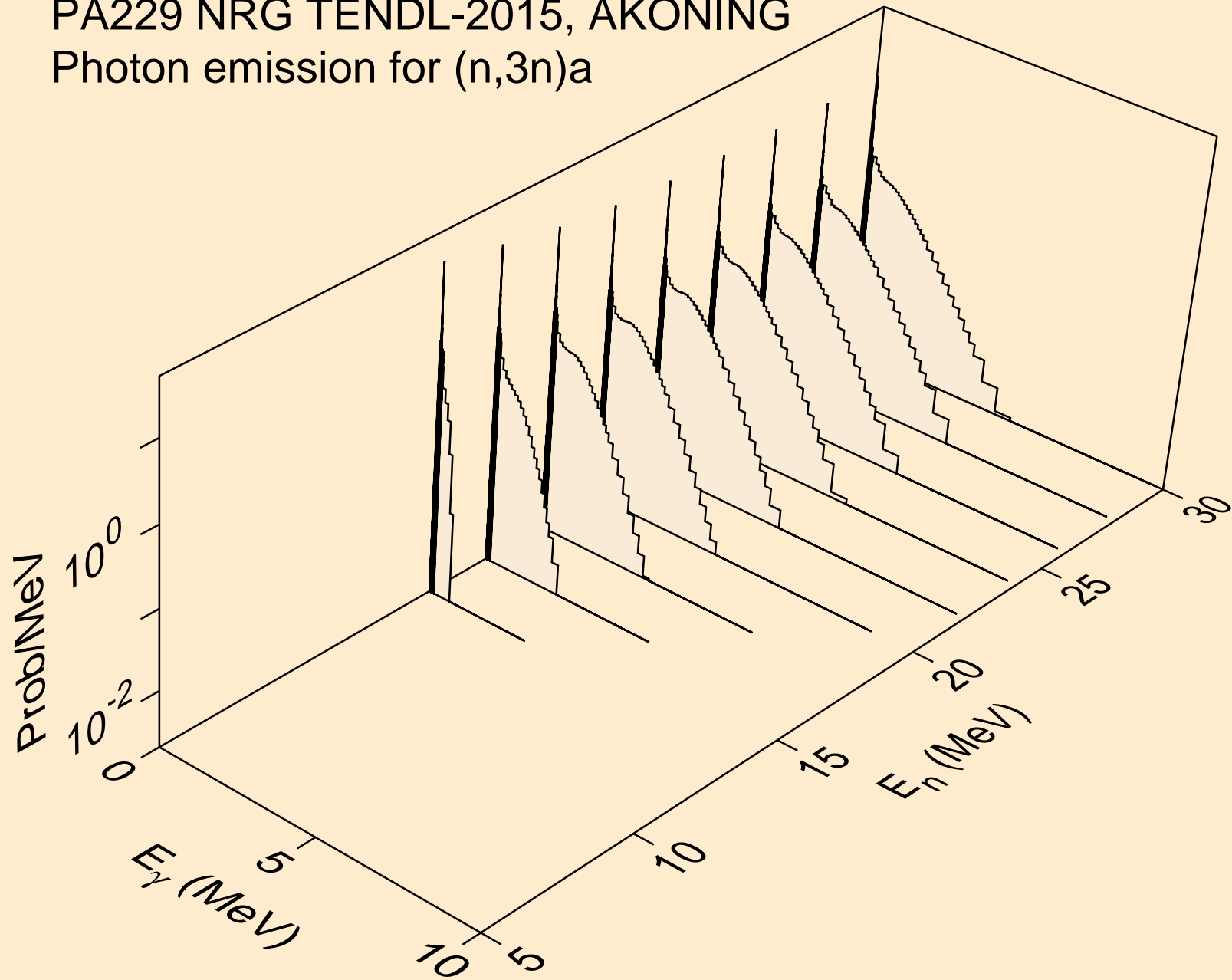


PA229 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

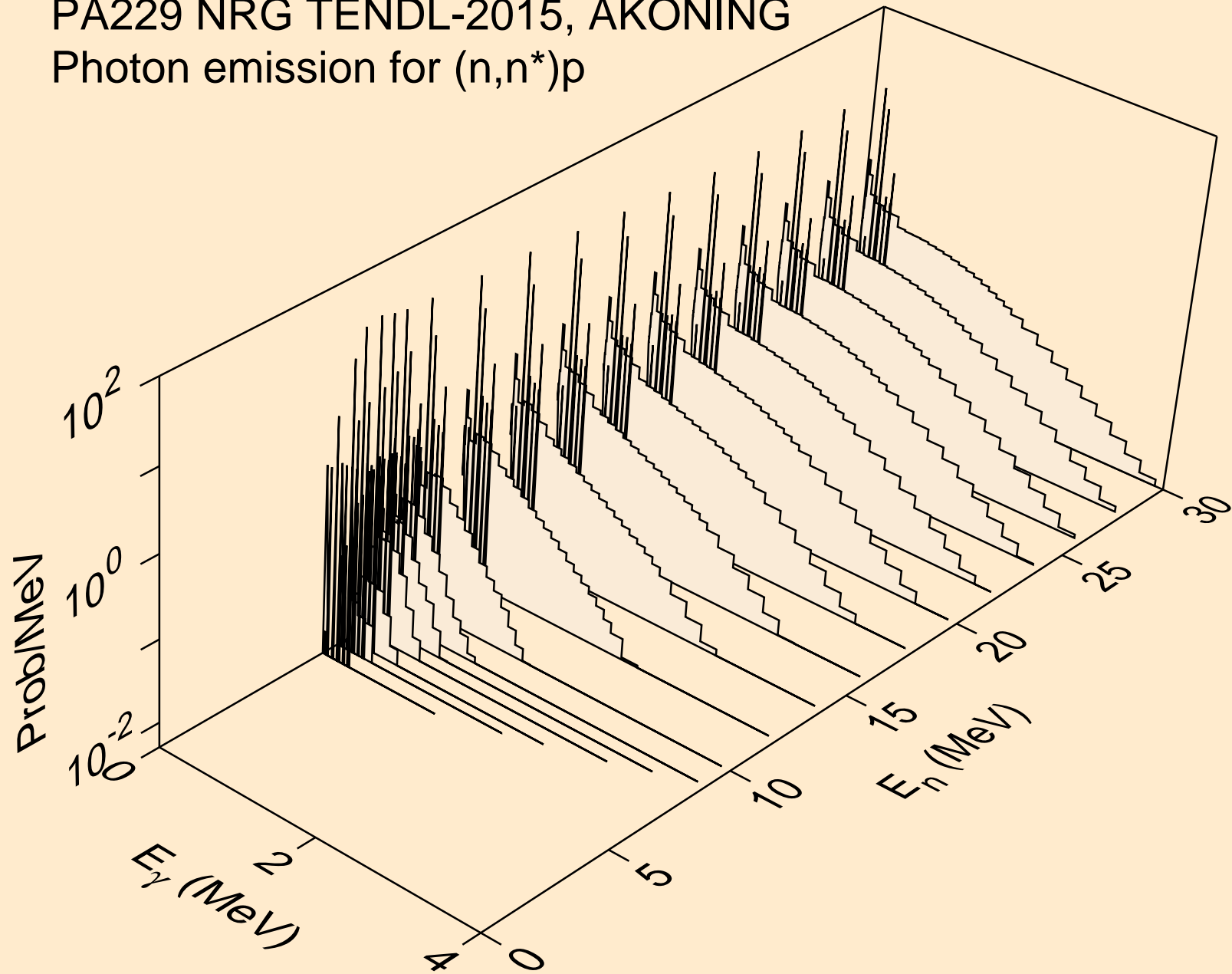




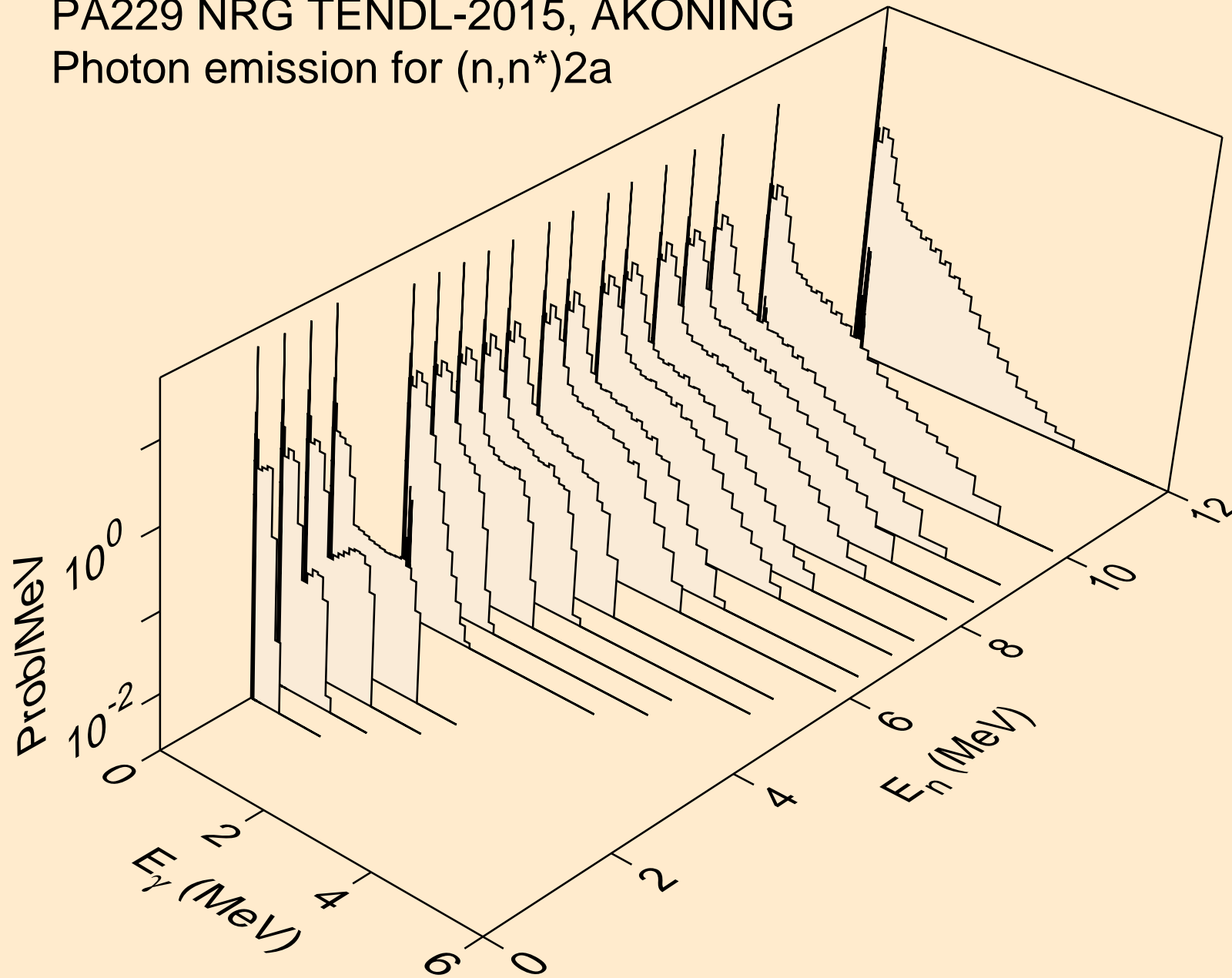
PA229 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



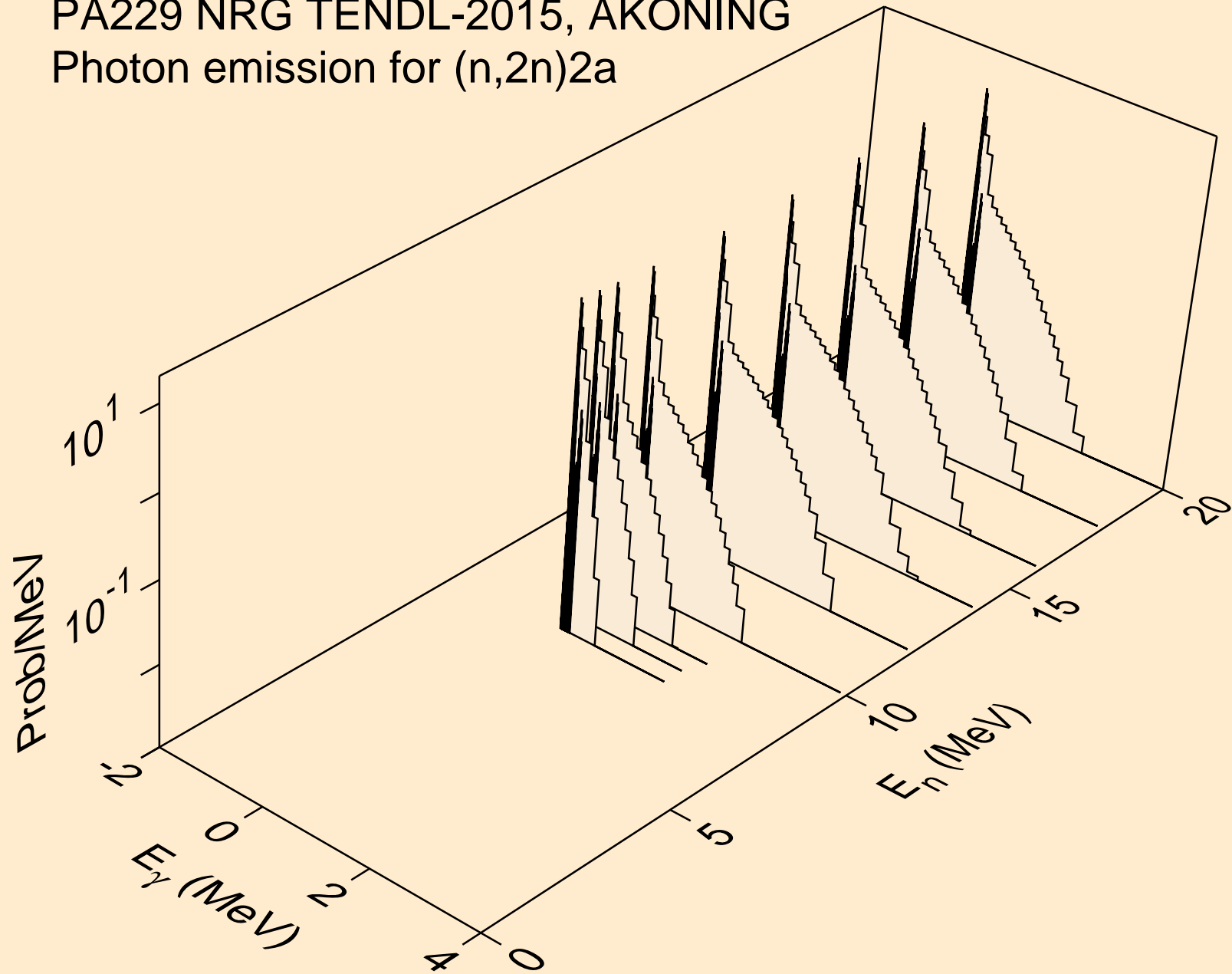
PA229 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



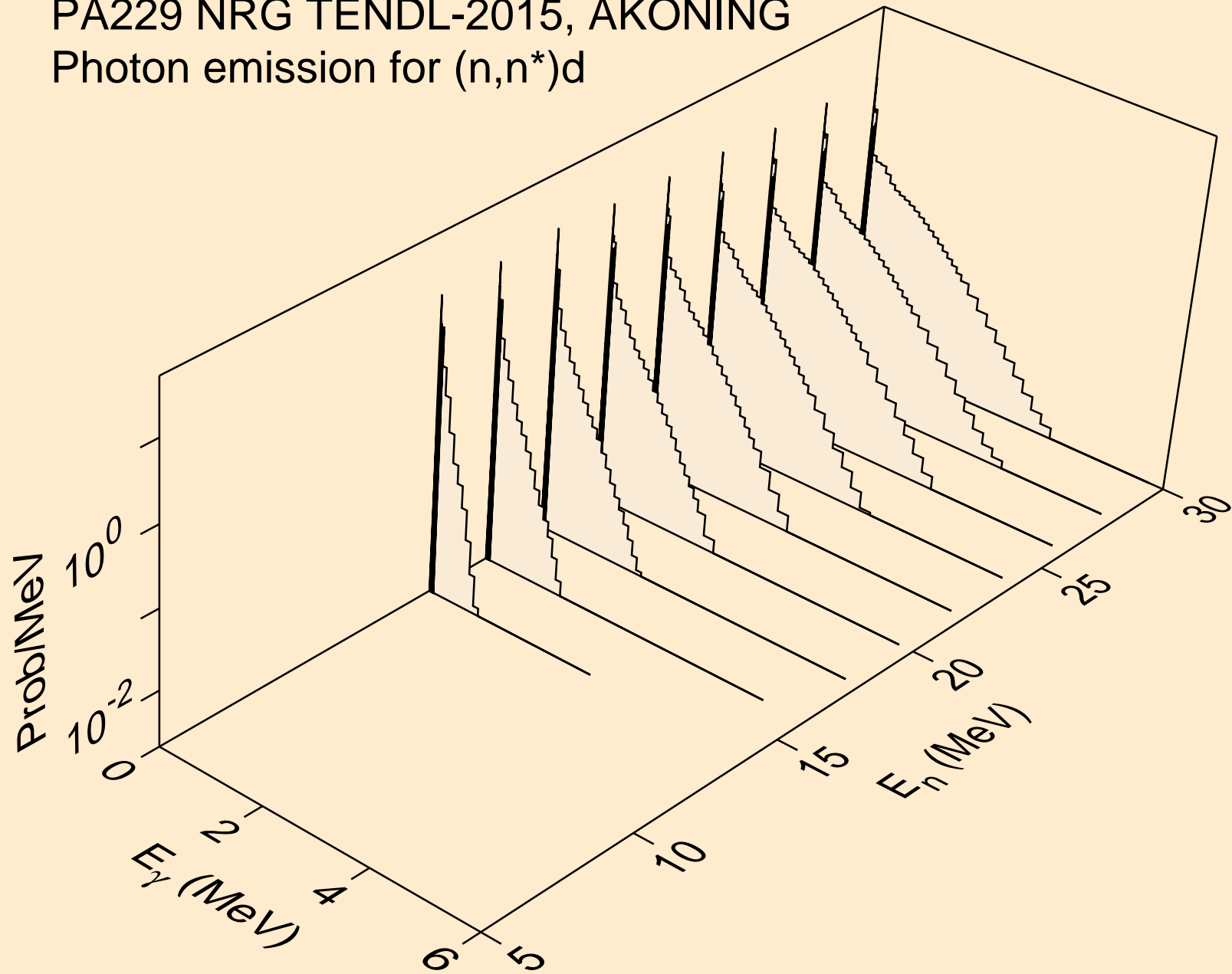
PA229 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



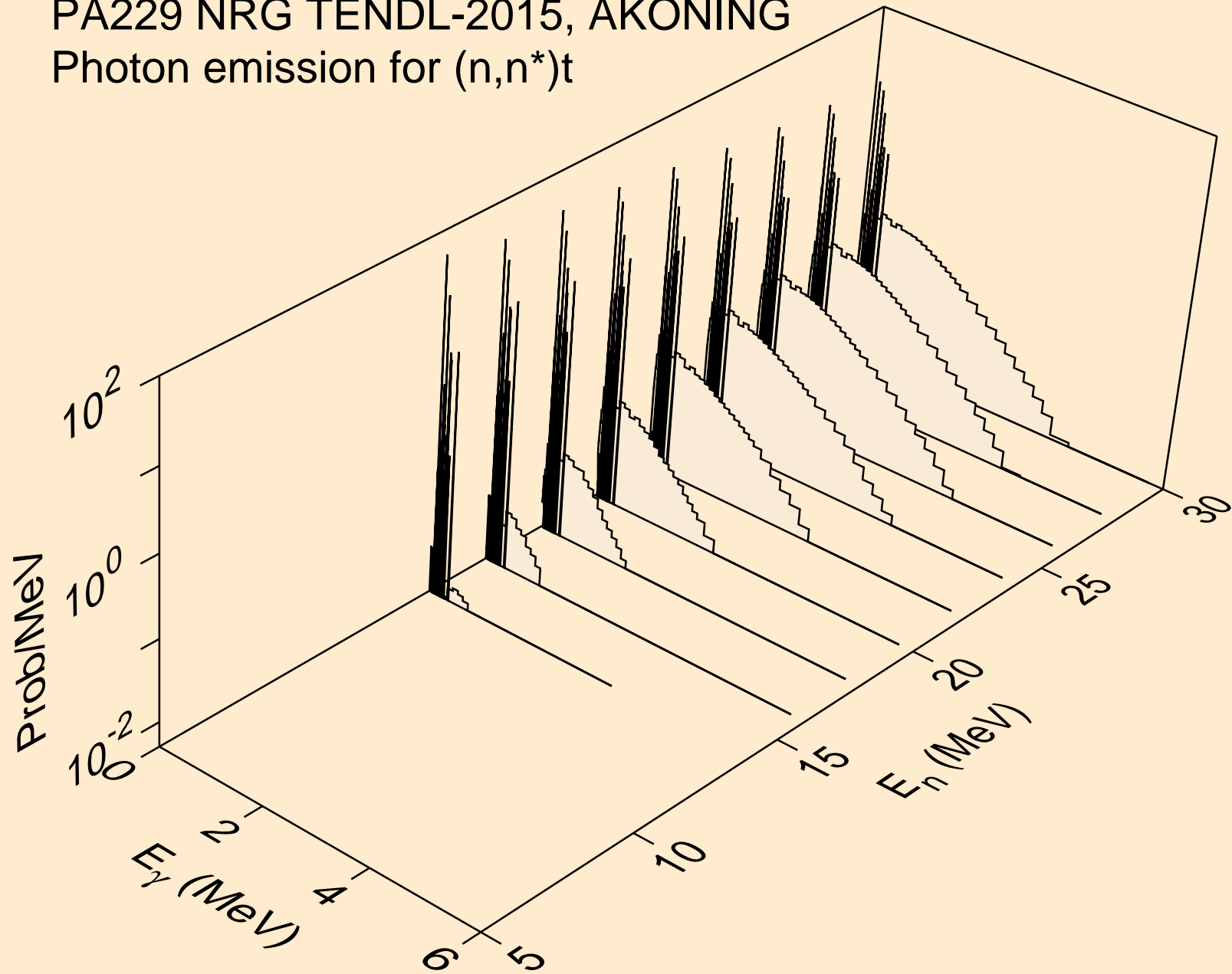
PA229 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



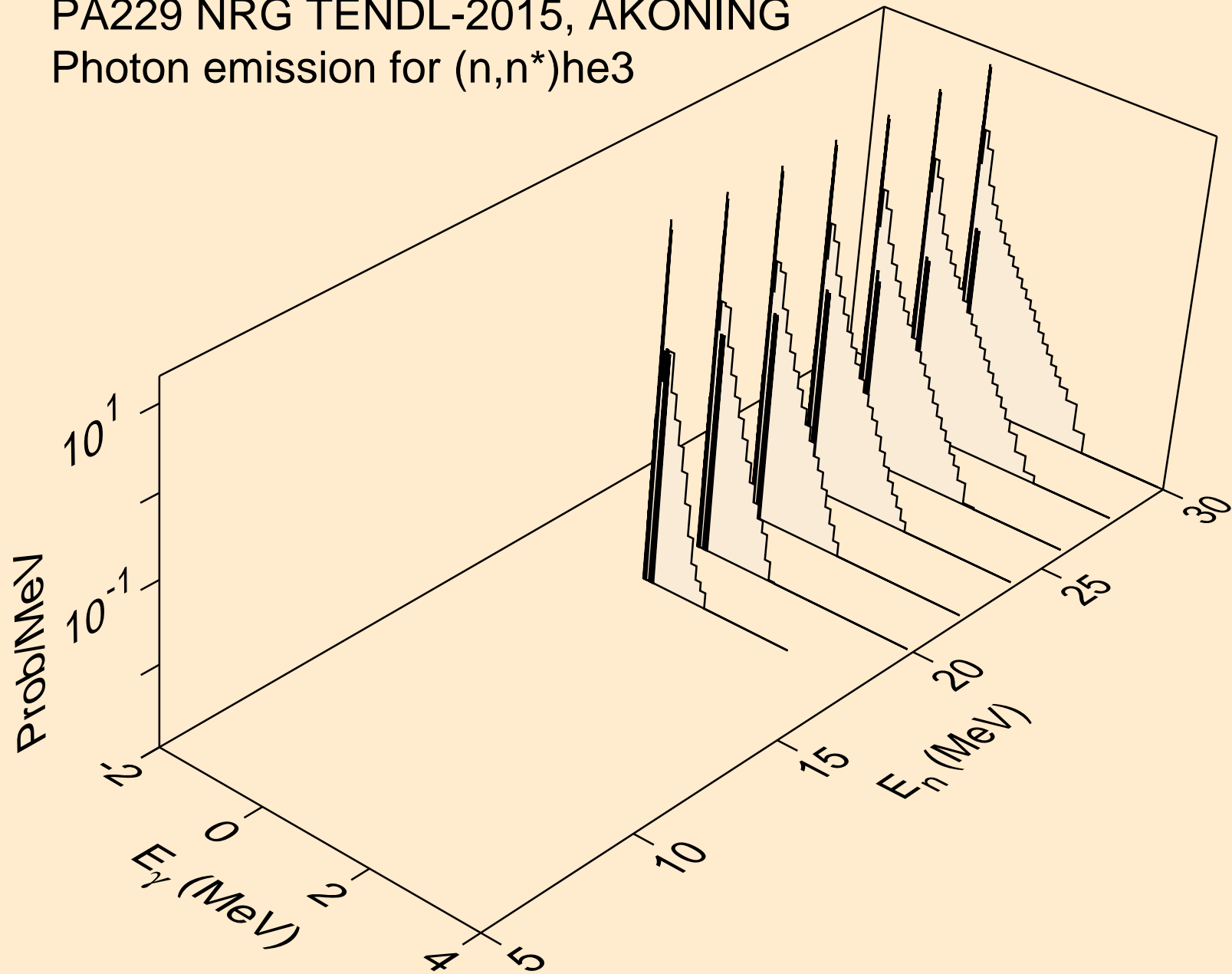
PA229 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



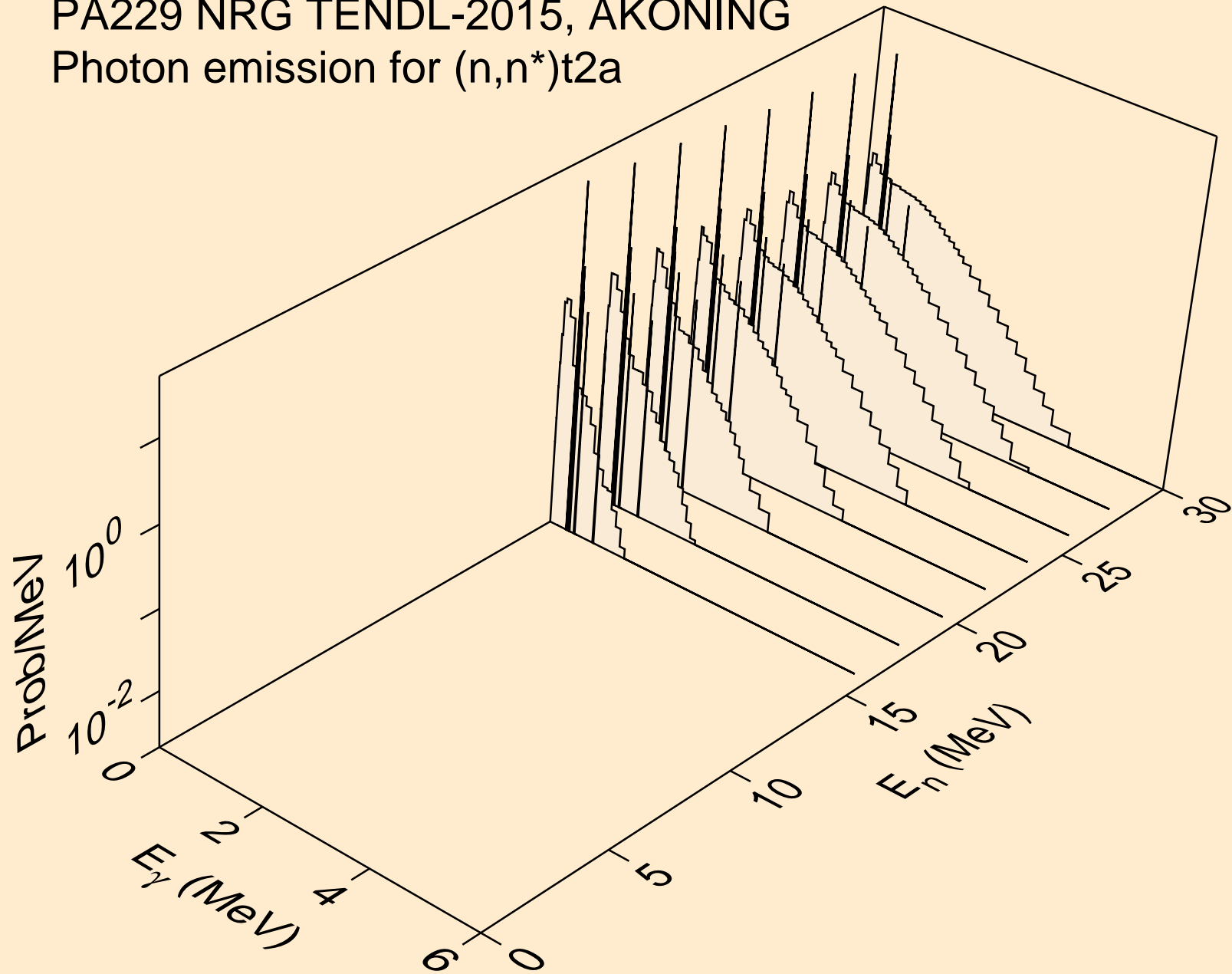
PA229 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



PA229 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

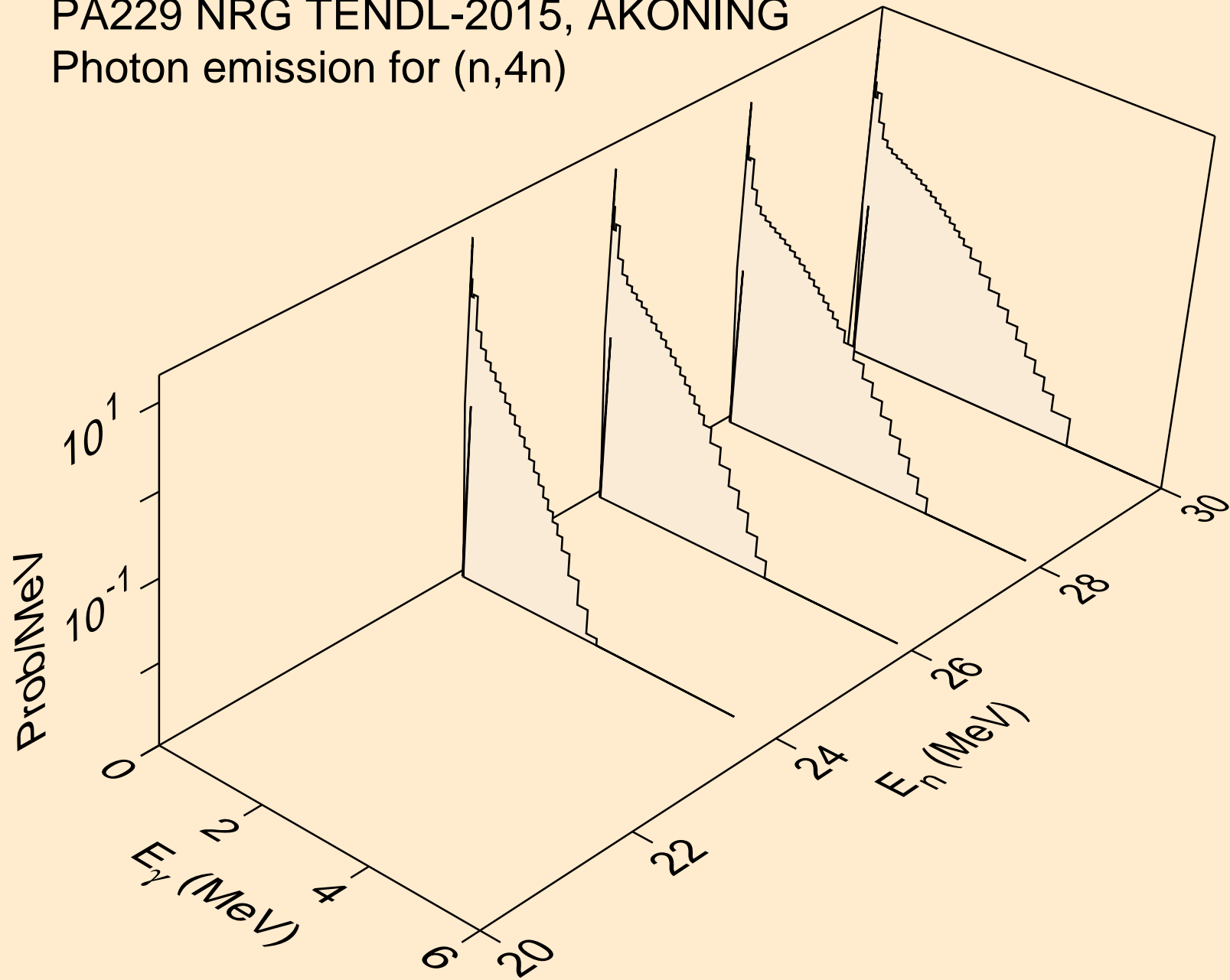


PA229 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t2a

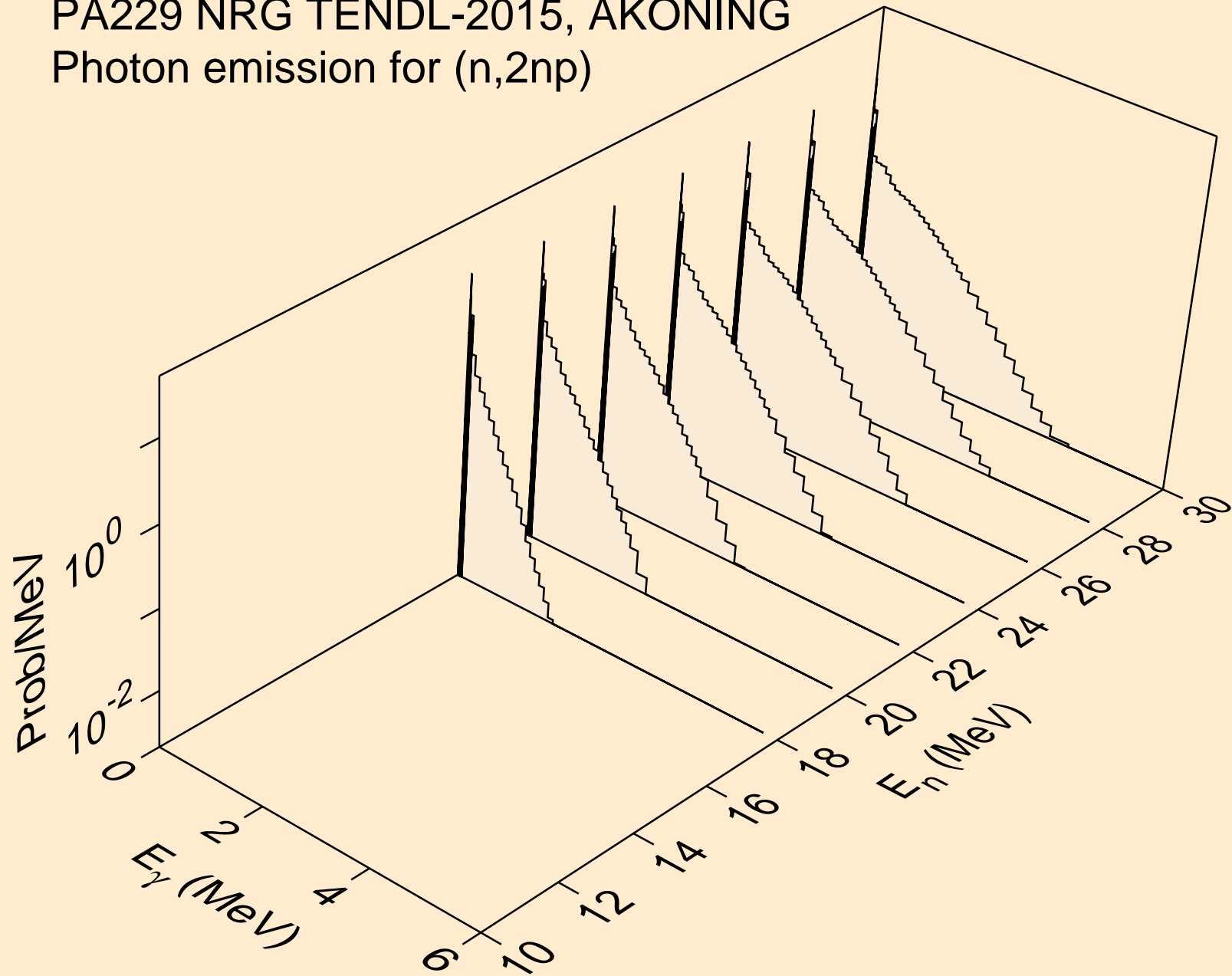




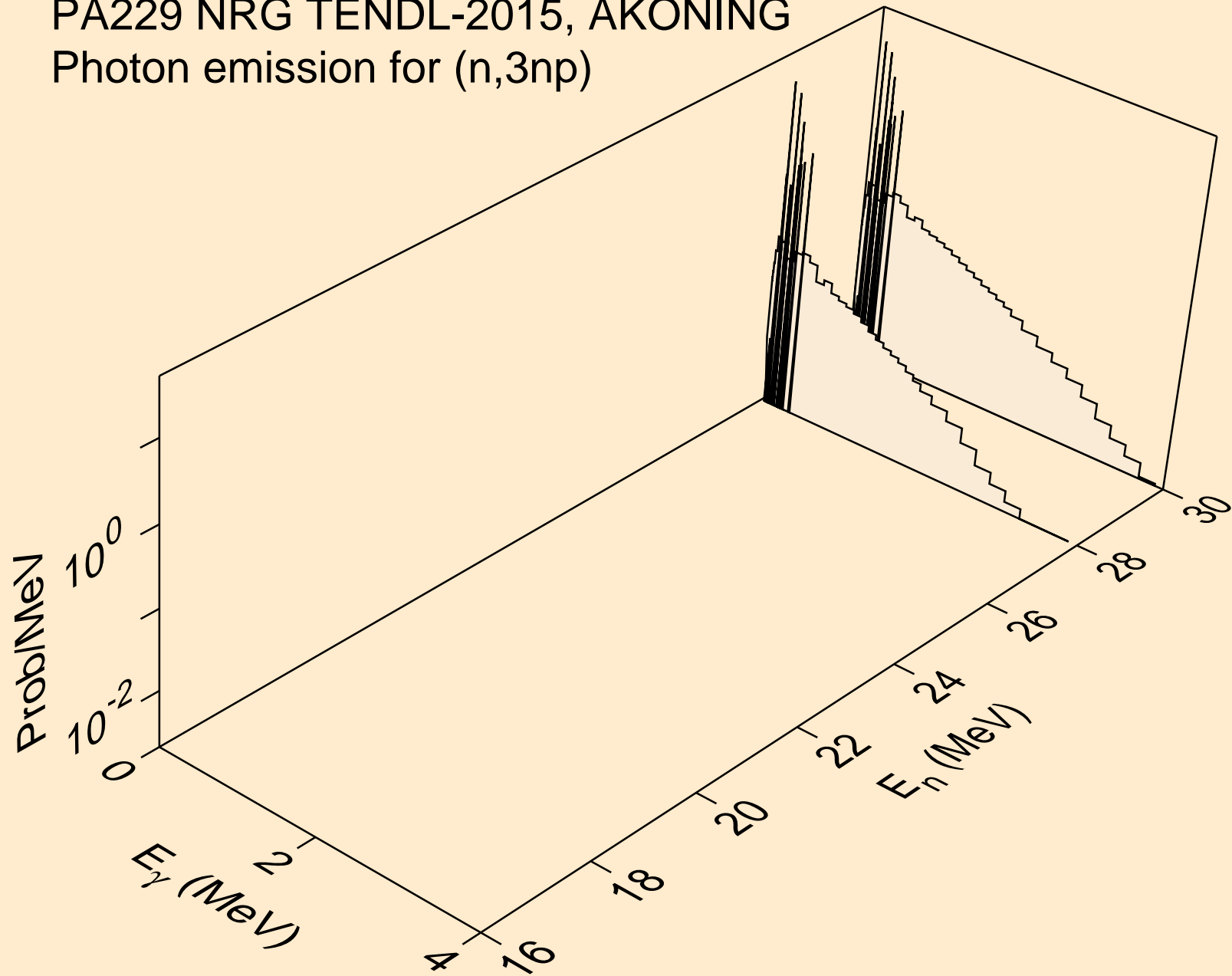
PA229 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



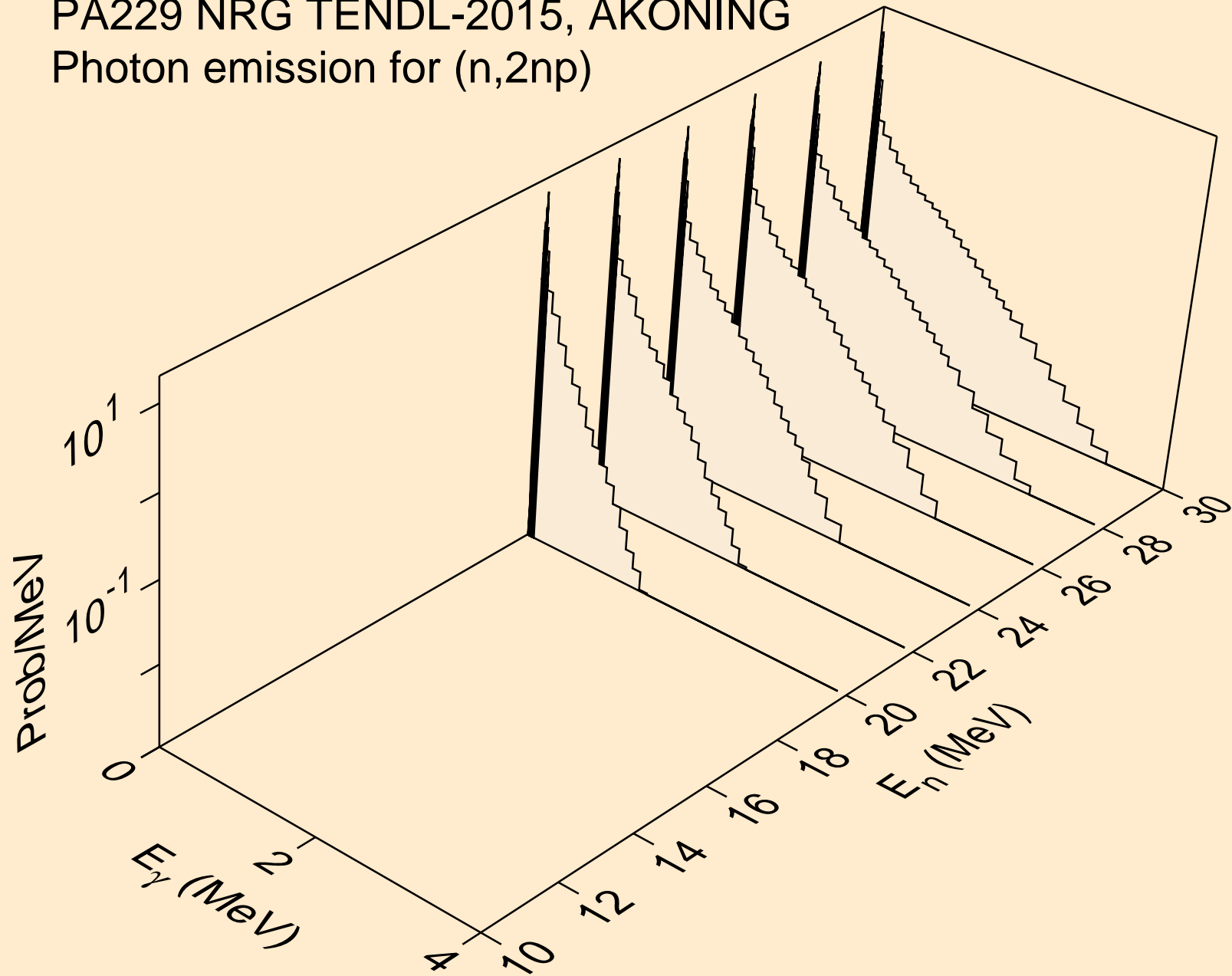
PA229 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



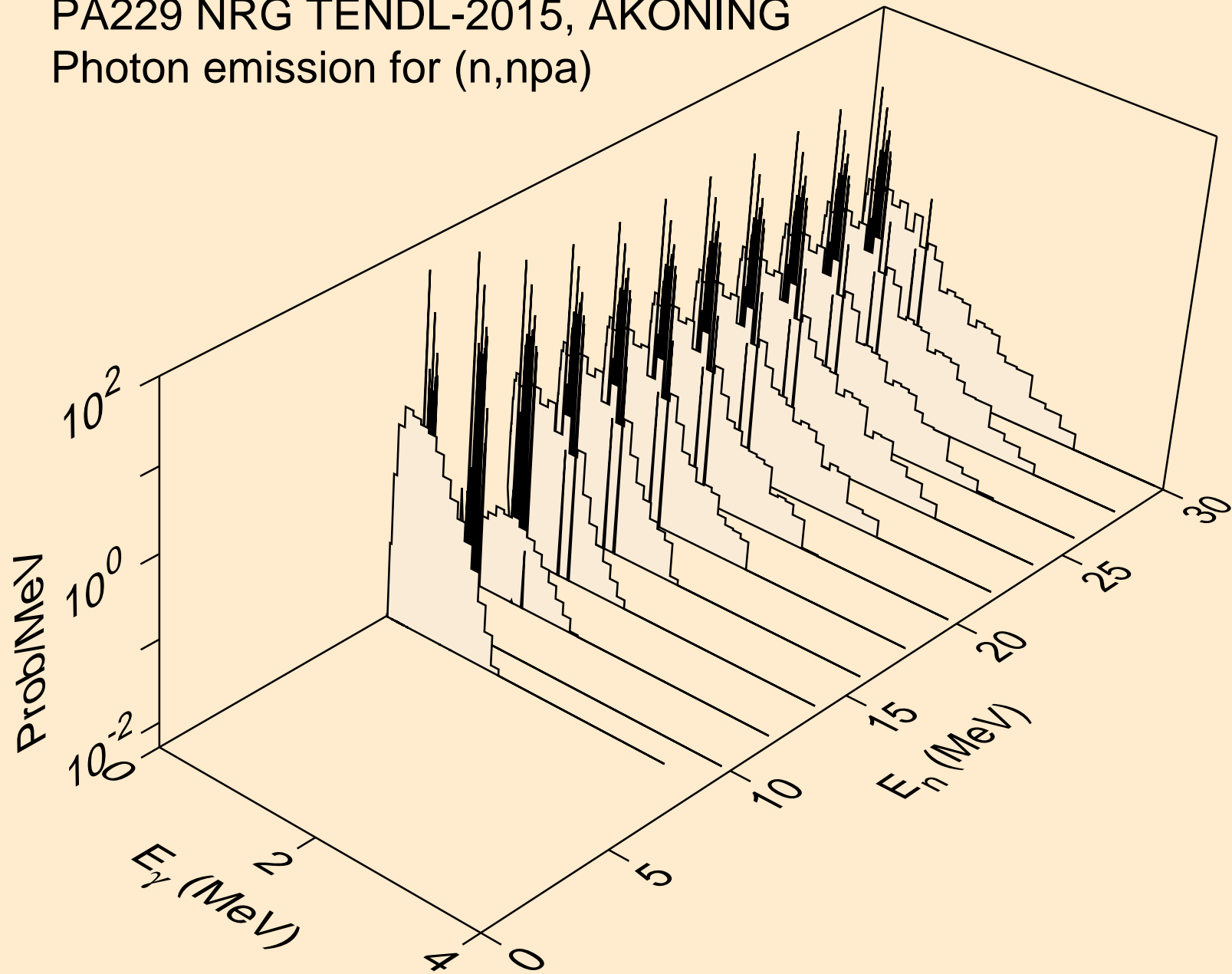
PA229 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



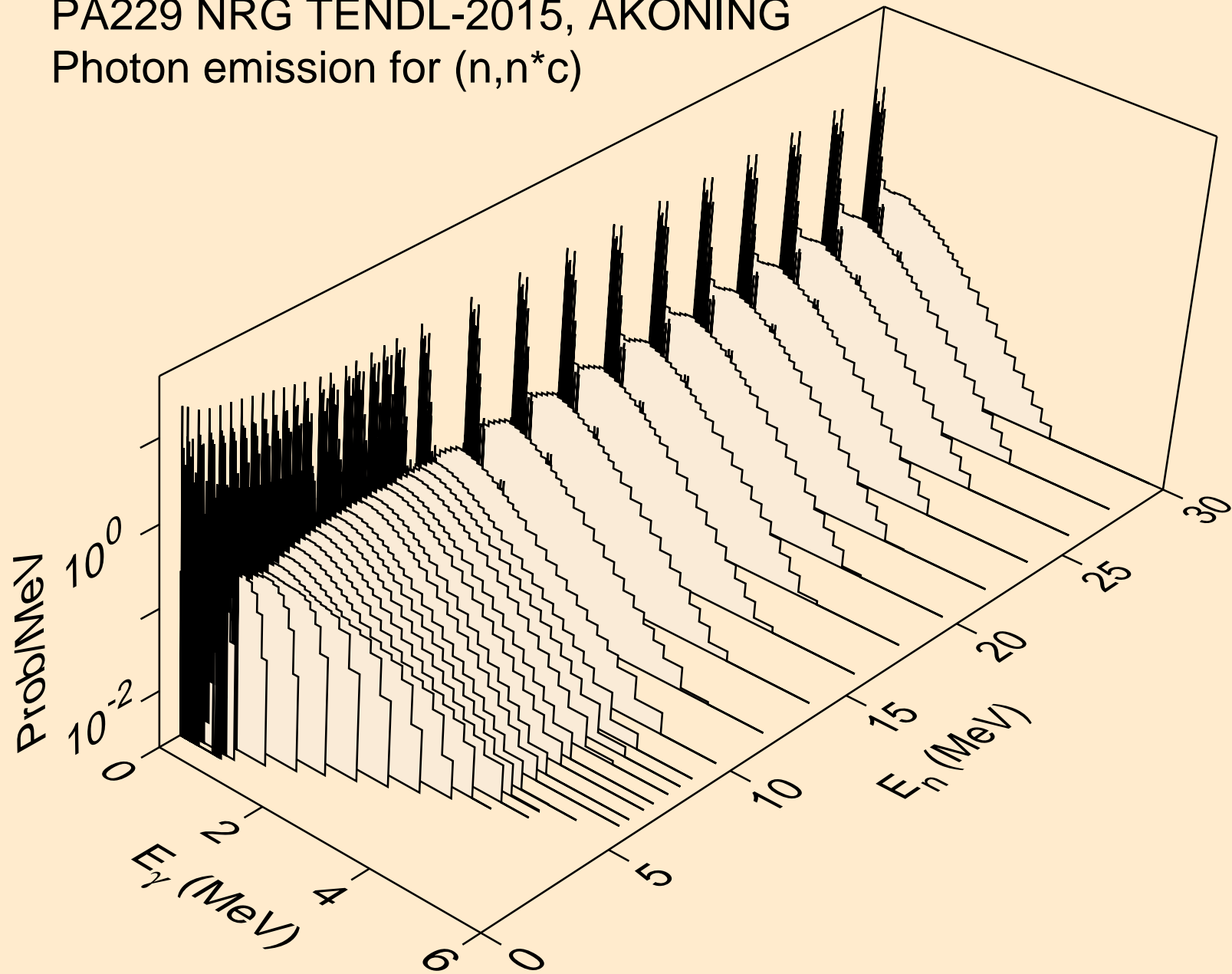
PA229 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



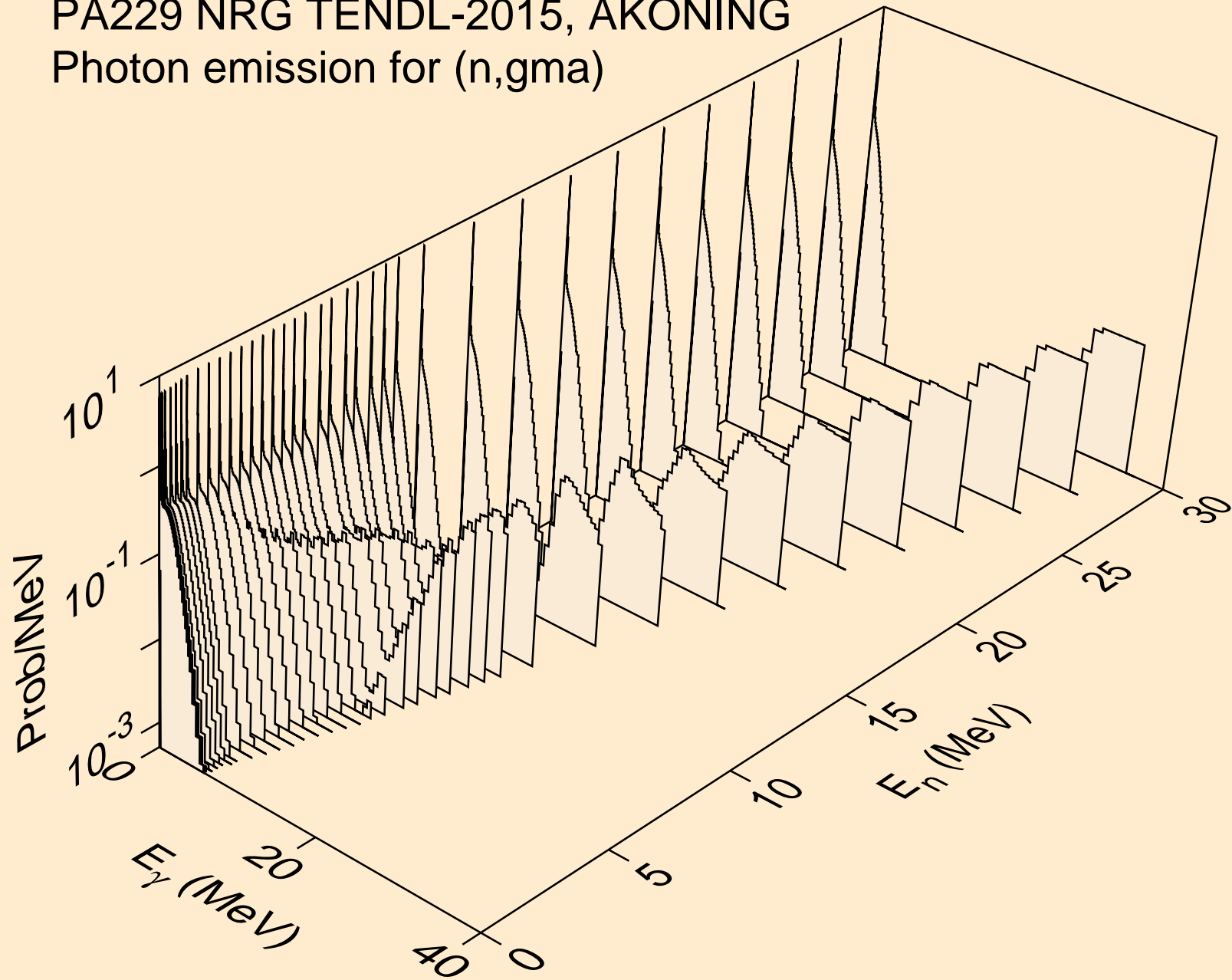
PA229 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



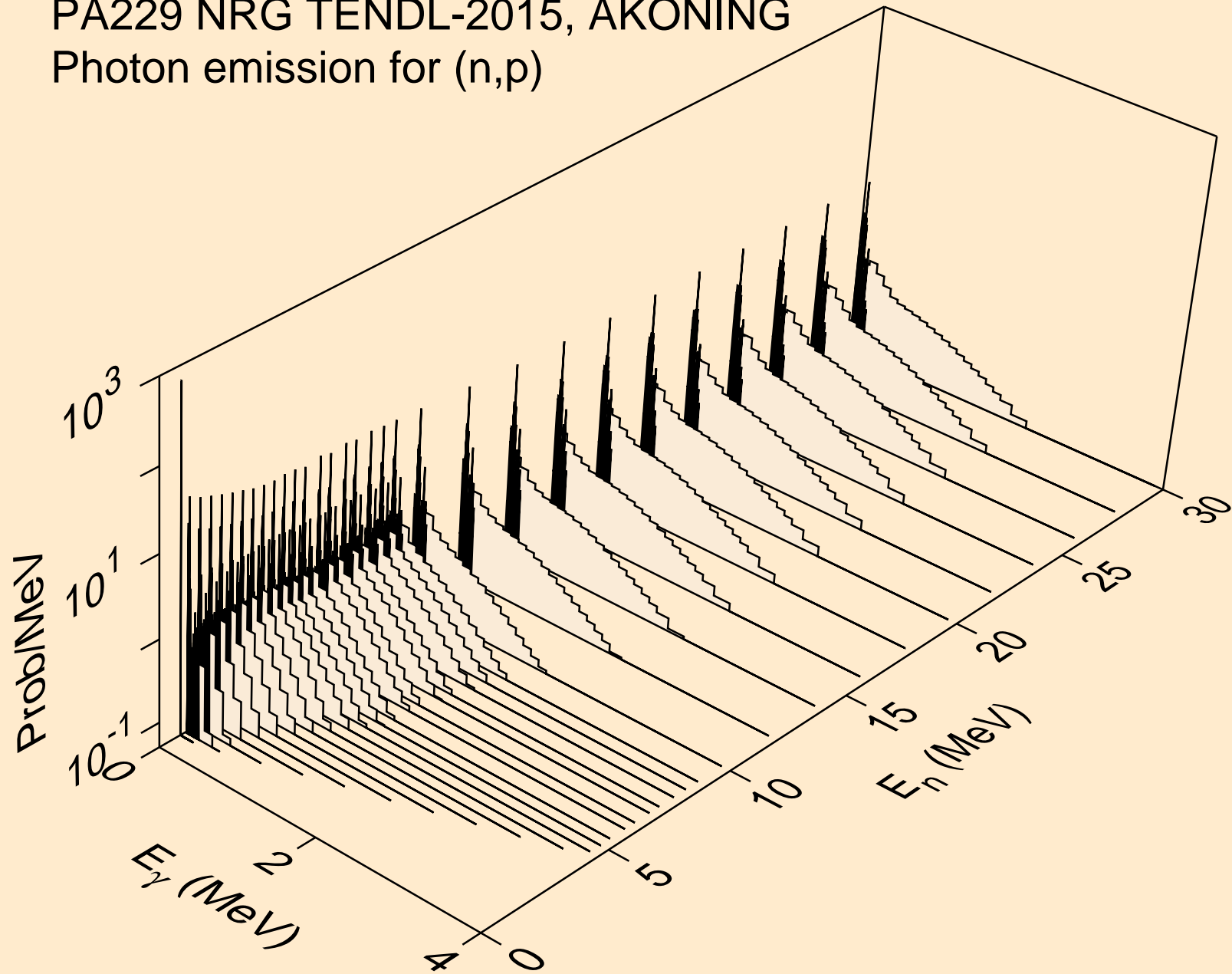
PA229 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



PA229 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

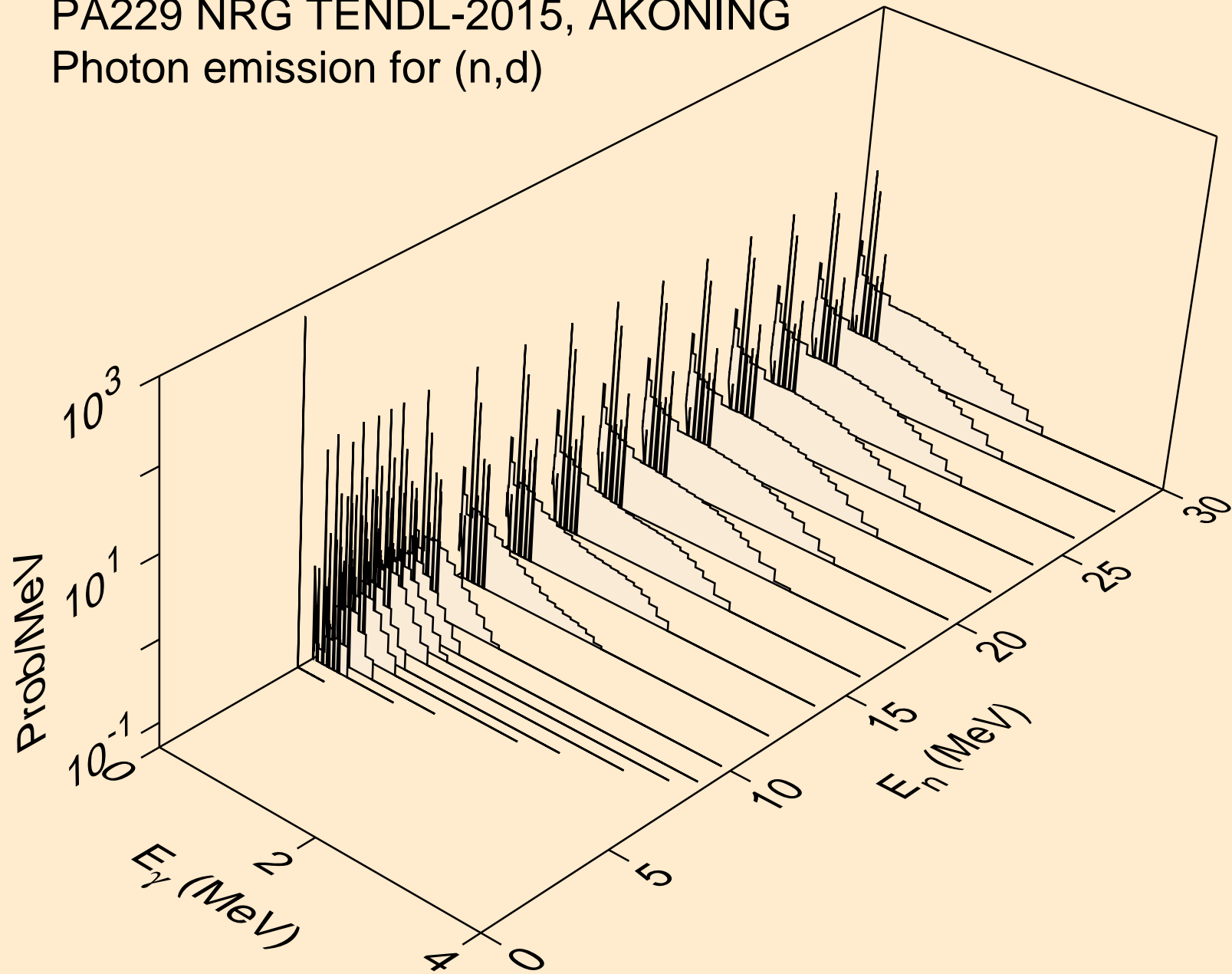


PA229 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

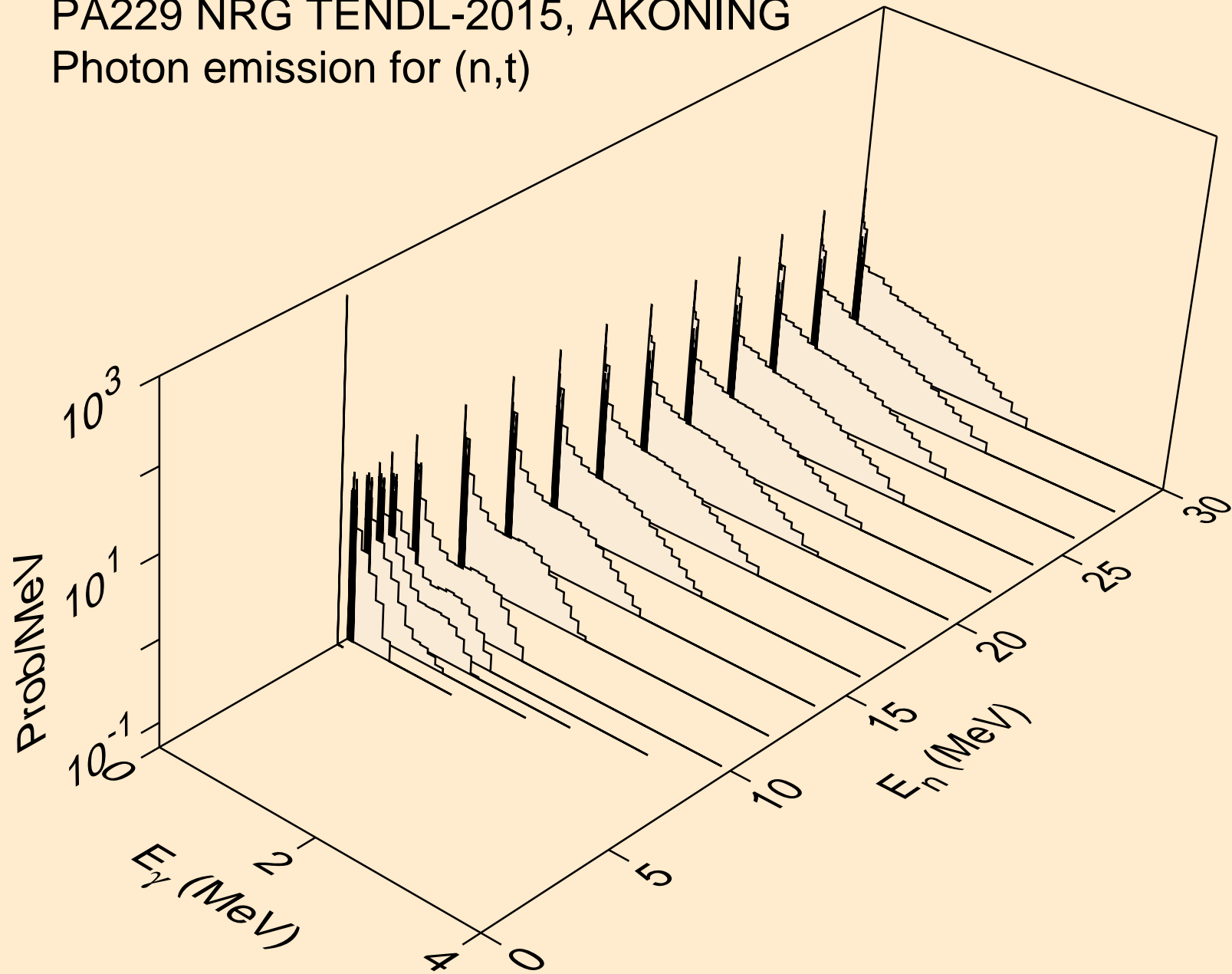




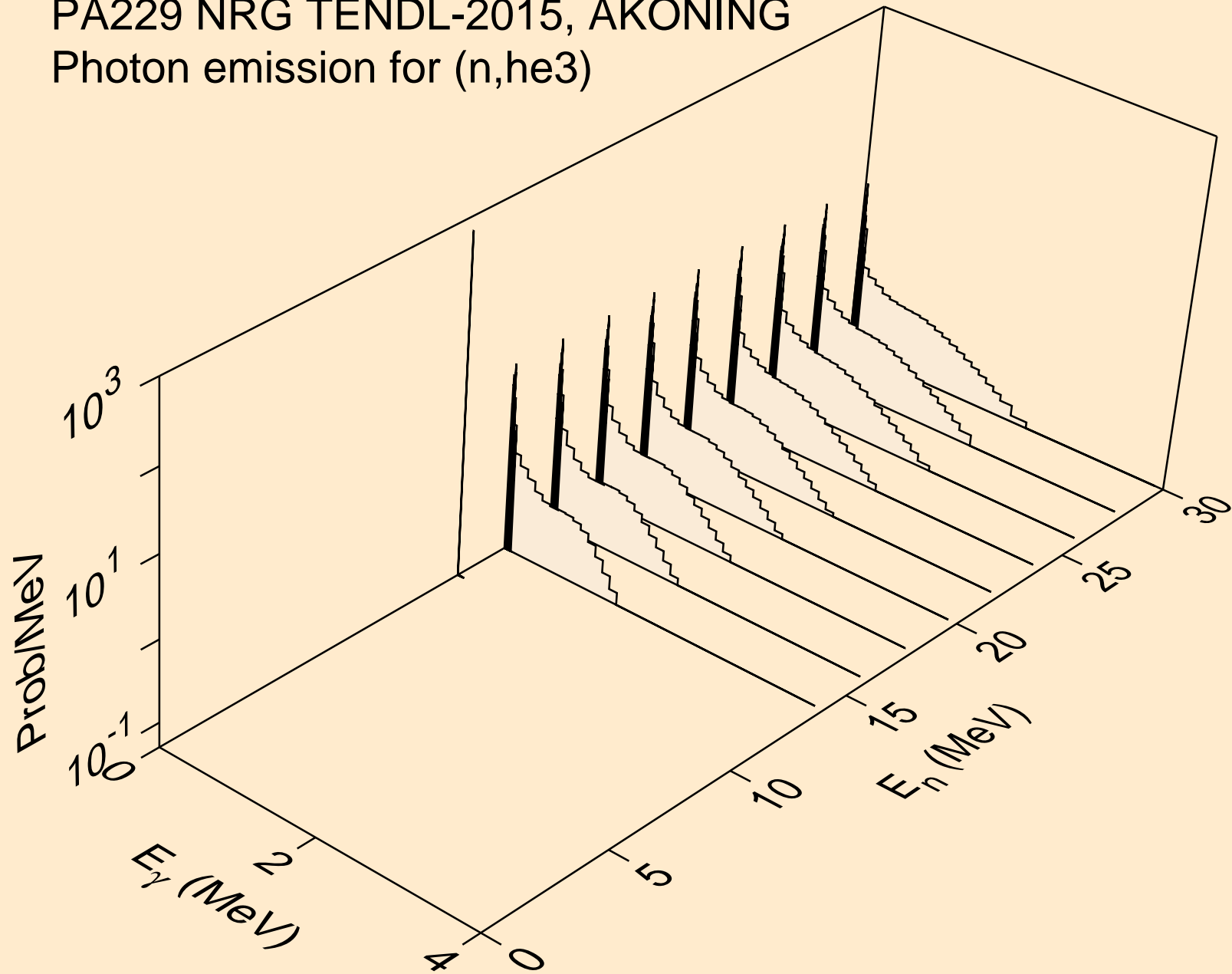
PA229 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



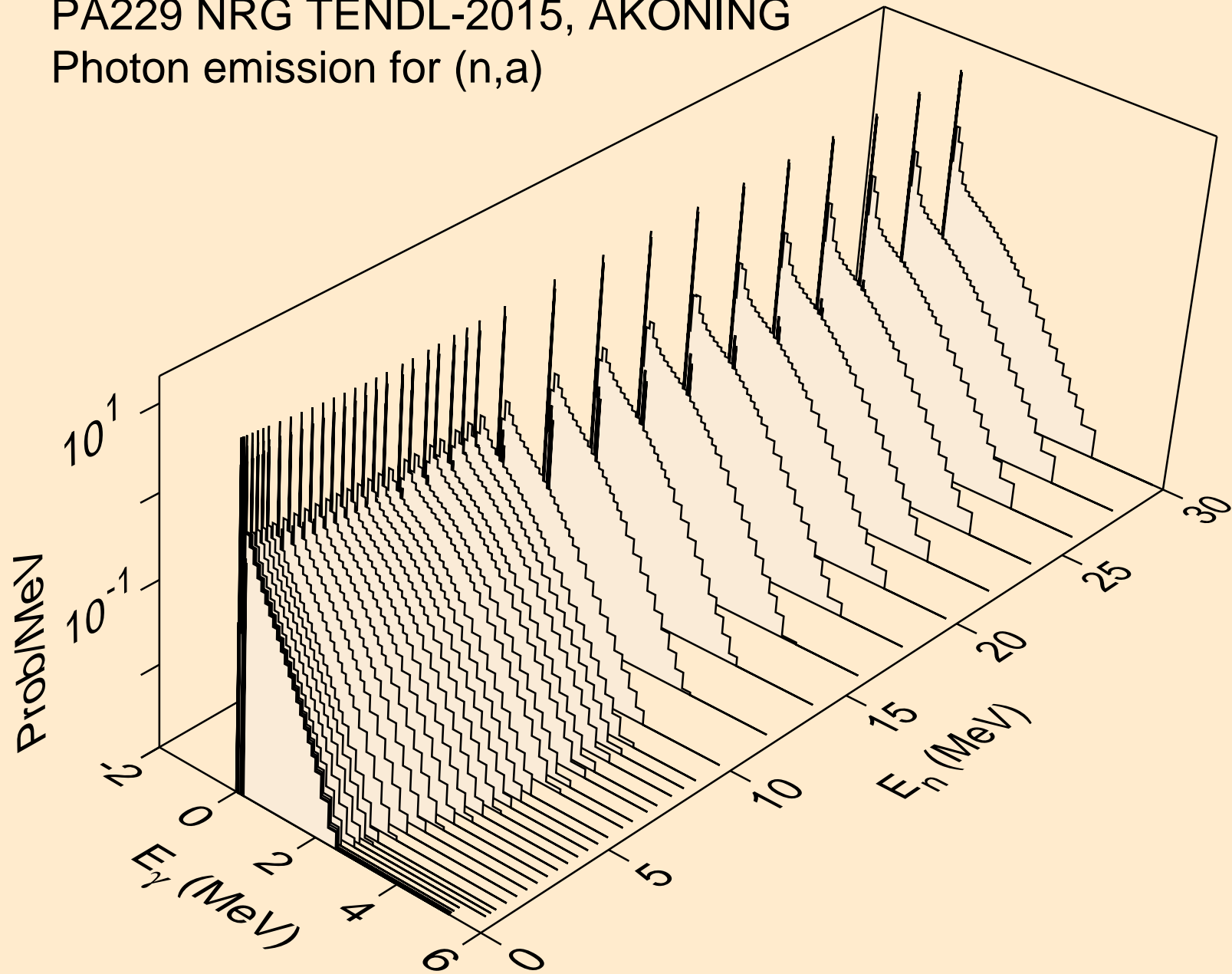
PA229 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



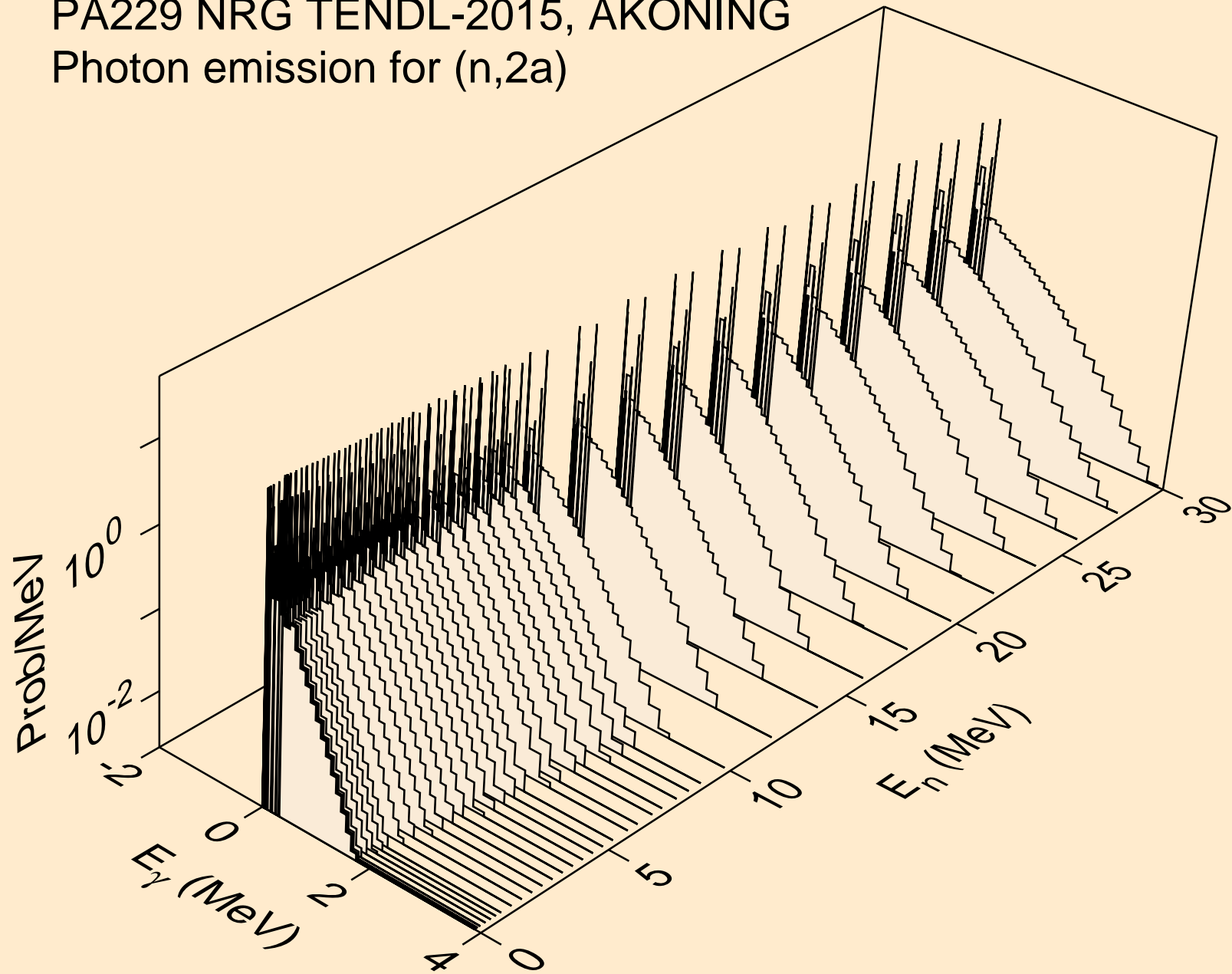
PA229 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



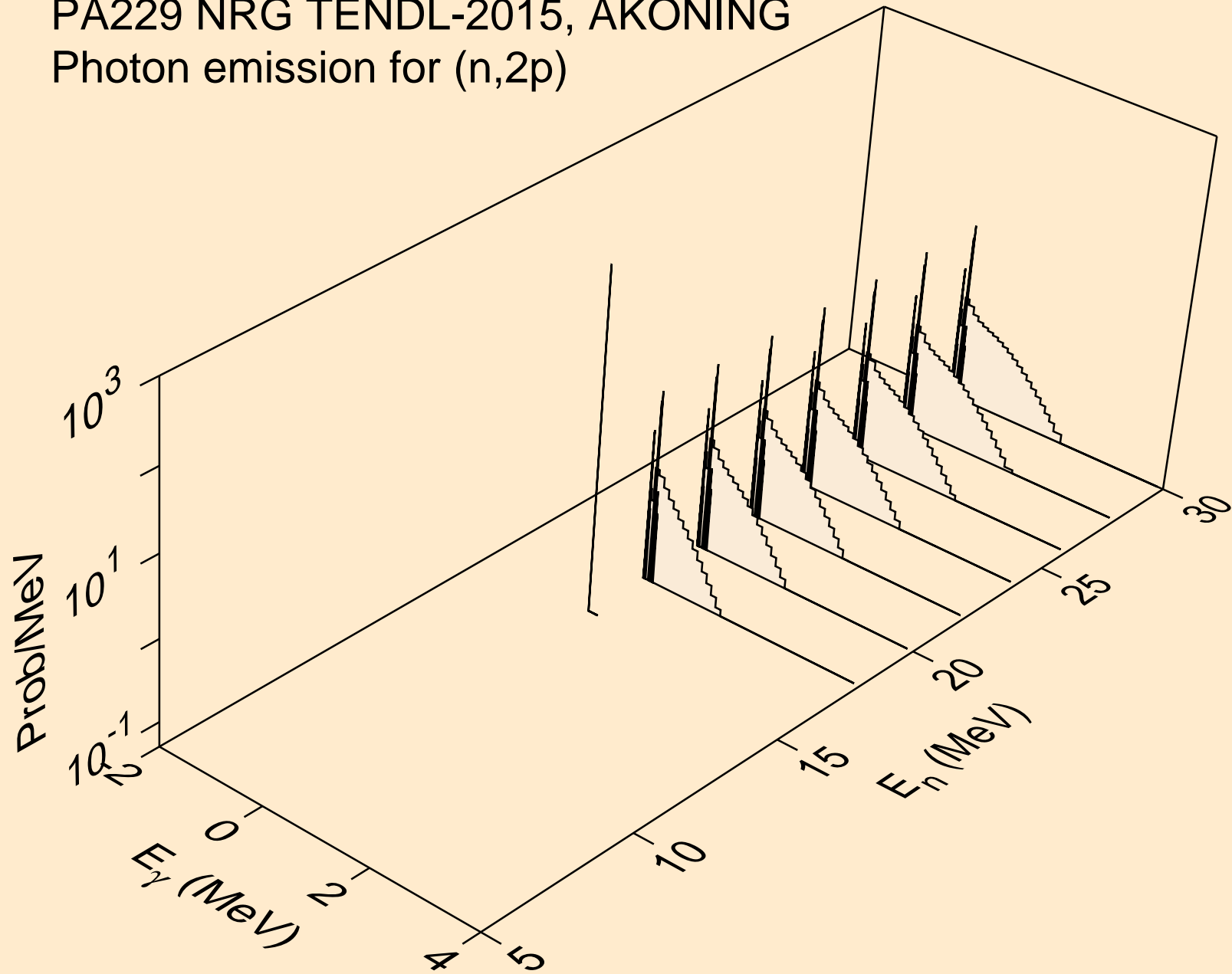
PA229 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



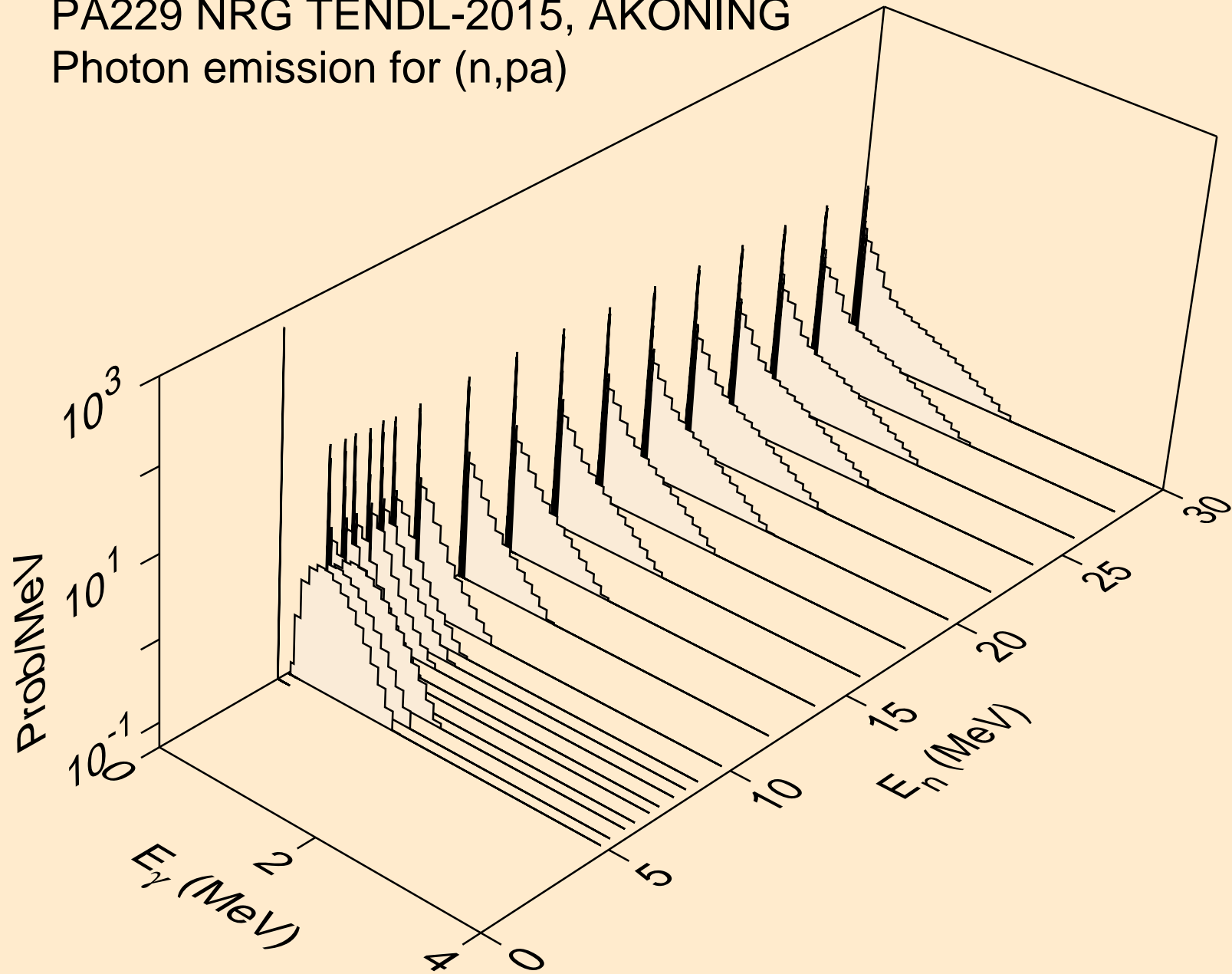
PA229 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



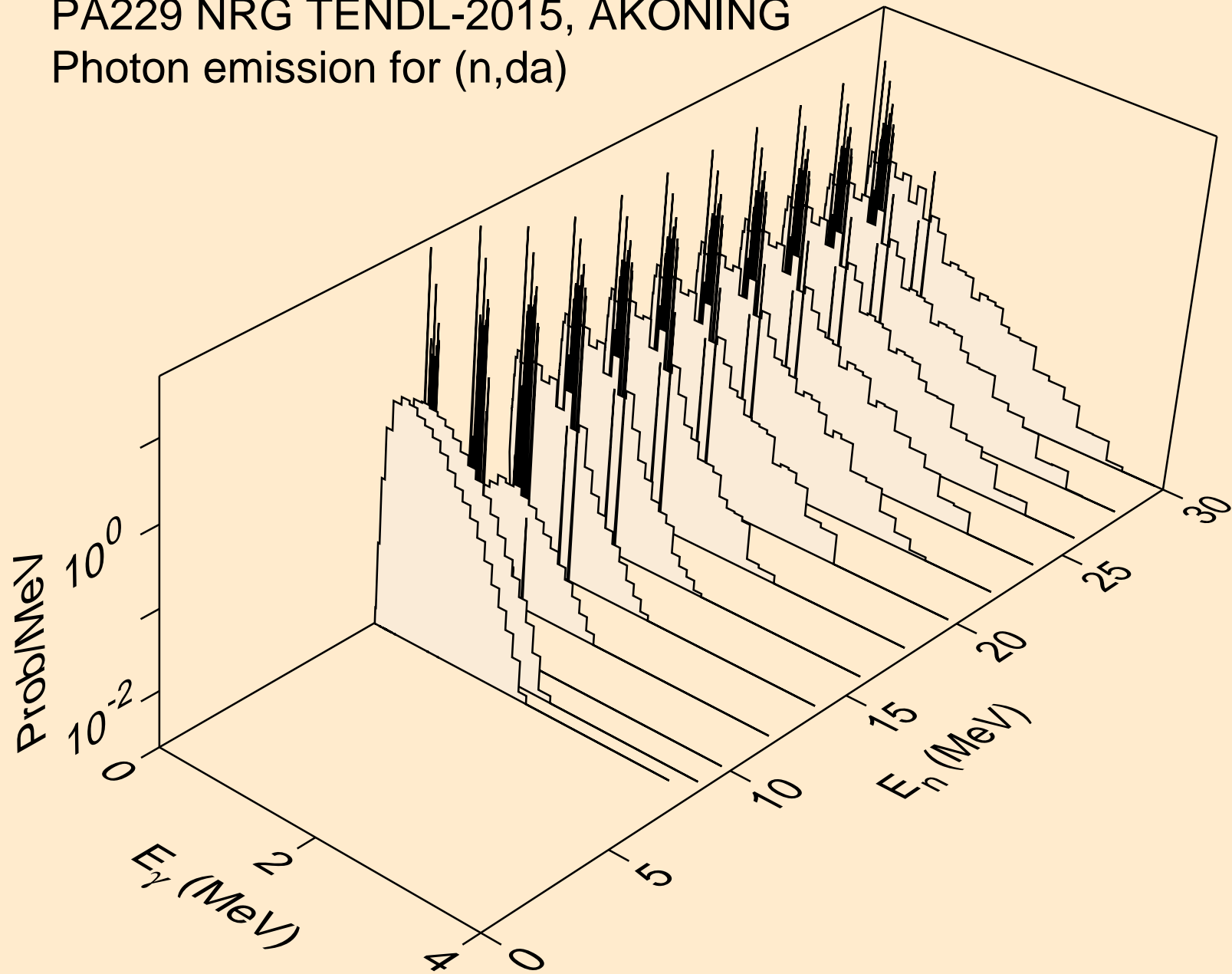
PA229 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



PA229 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )

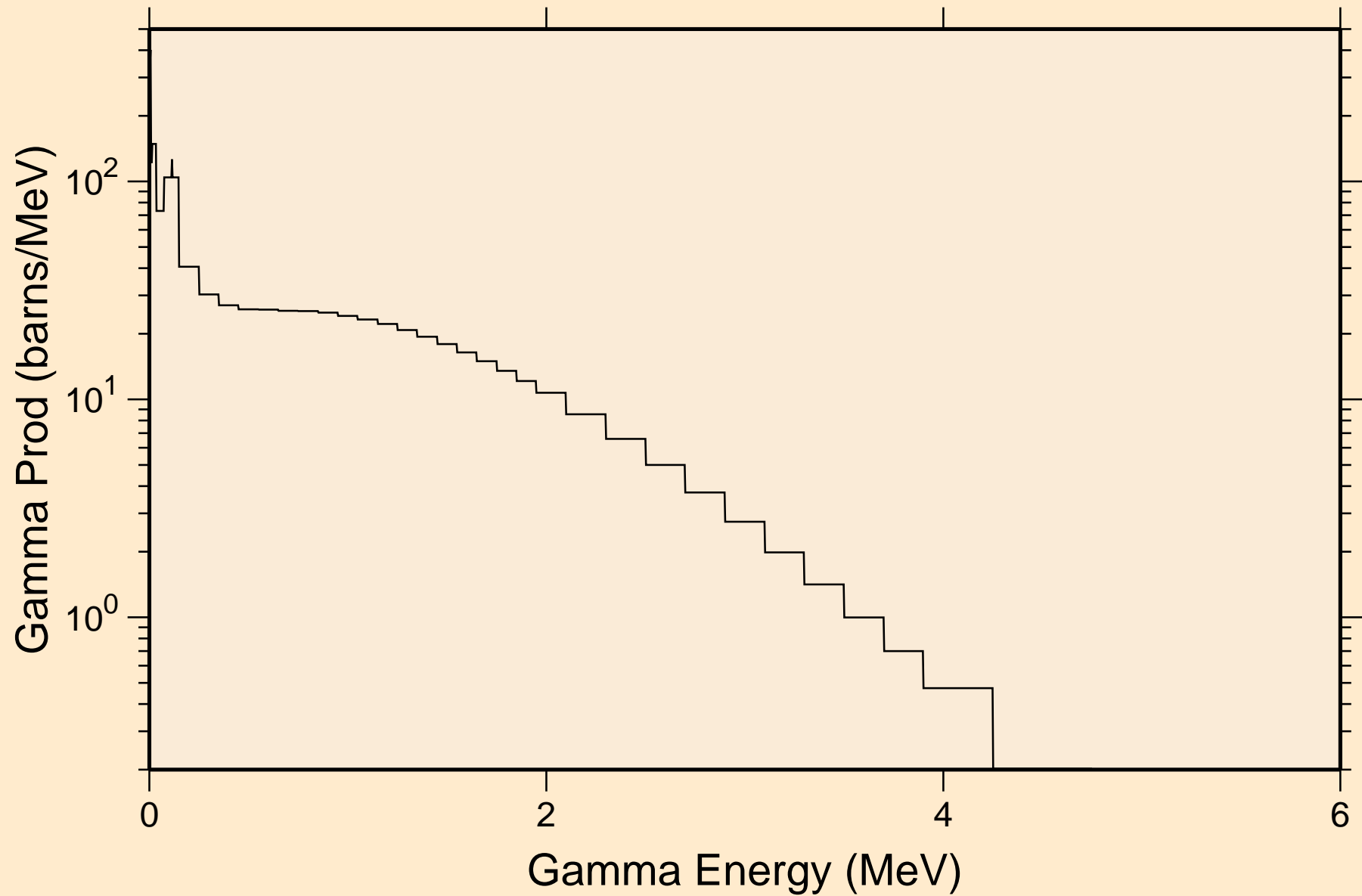


PA229 NRG TENDL-2015, AKONING  
Photon emission for (n,da)

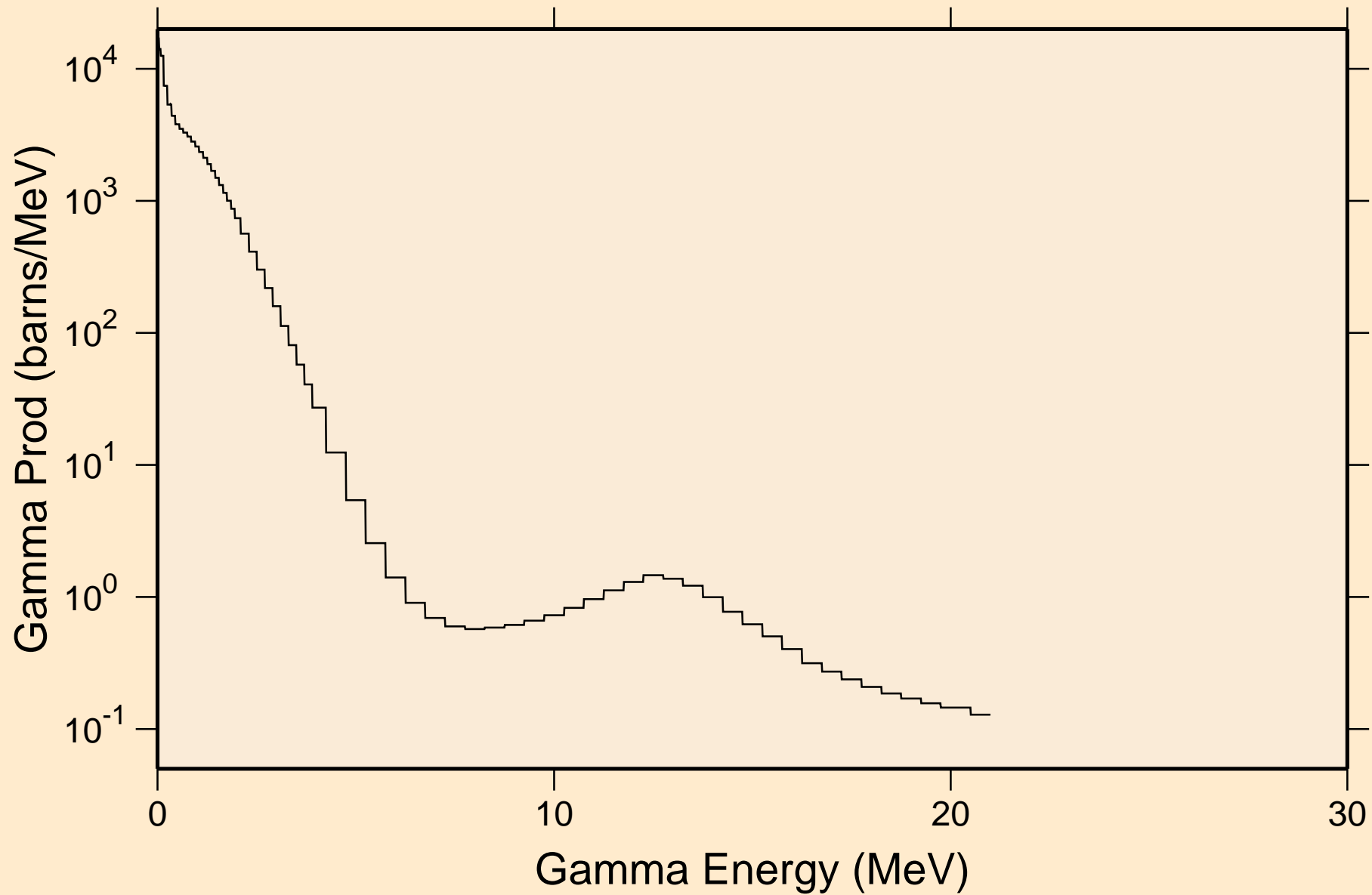




PA229 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

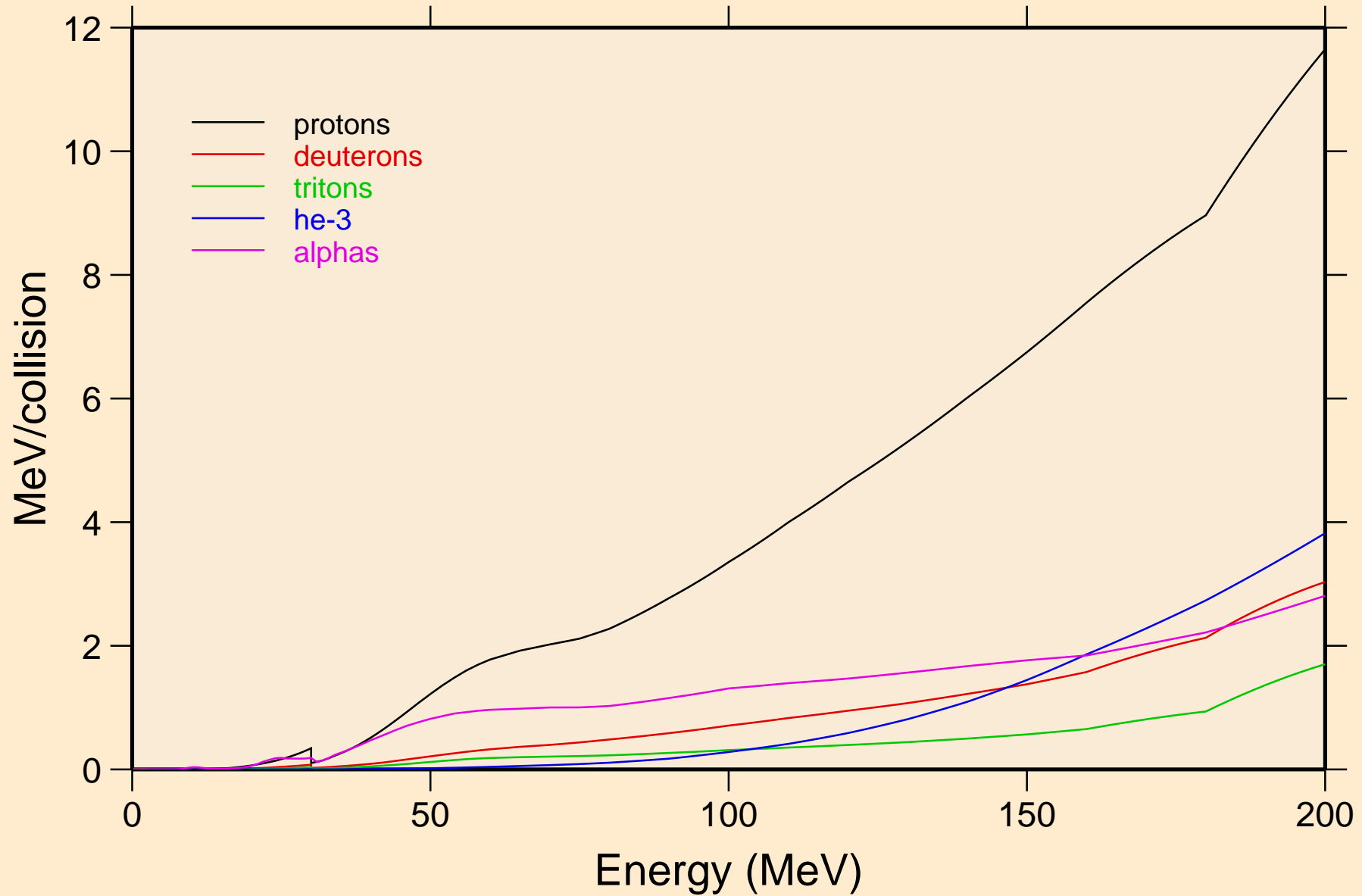


PA229 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



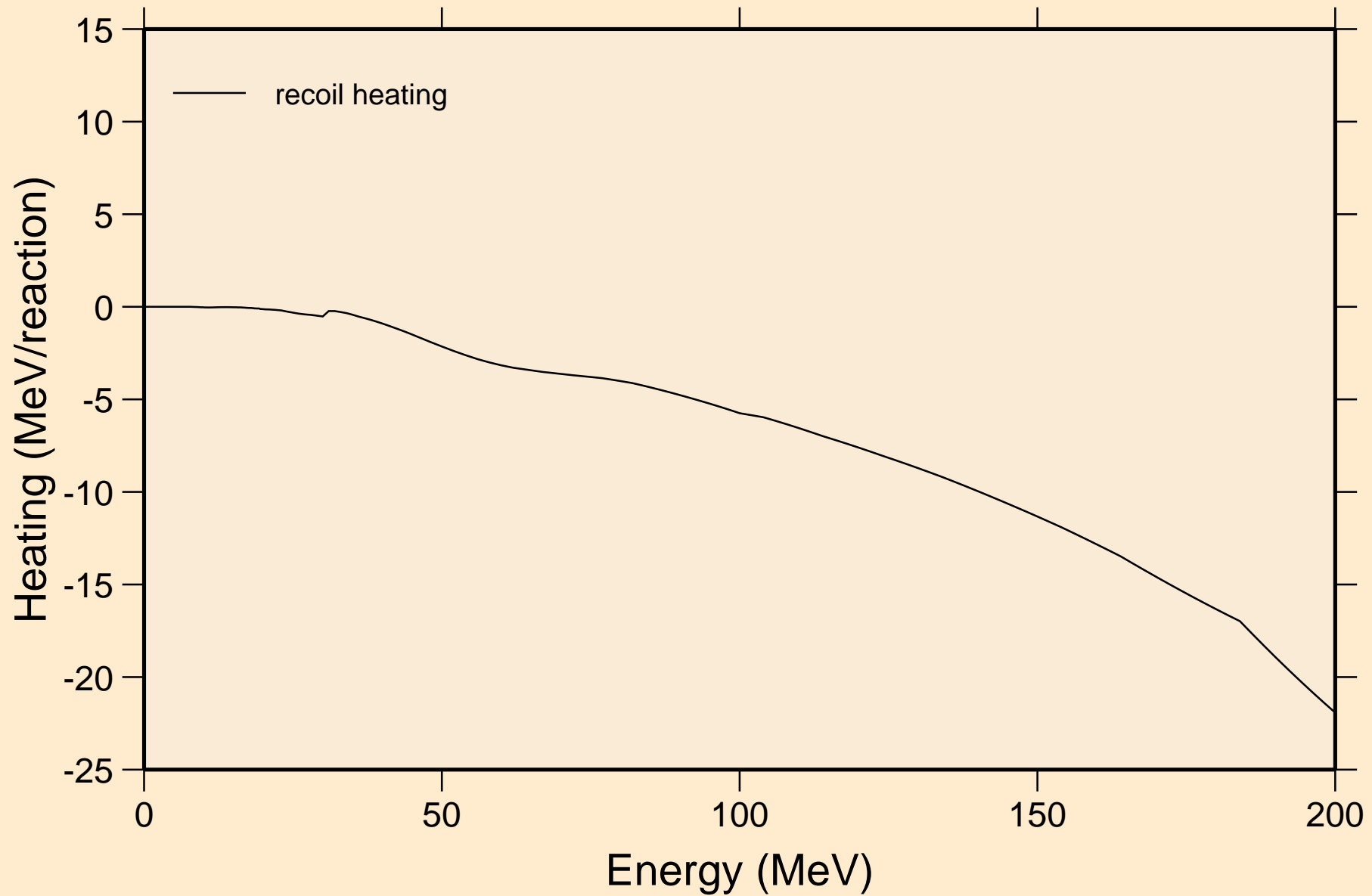
# PA229 NRG TENDL-2015, AKONING

## Particle heating contributions

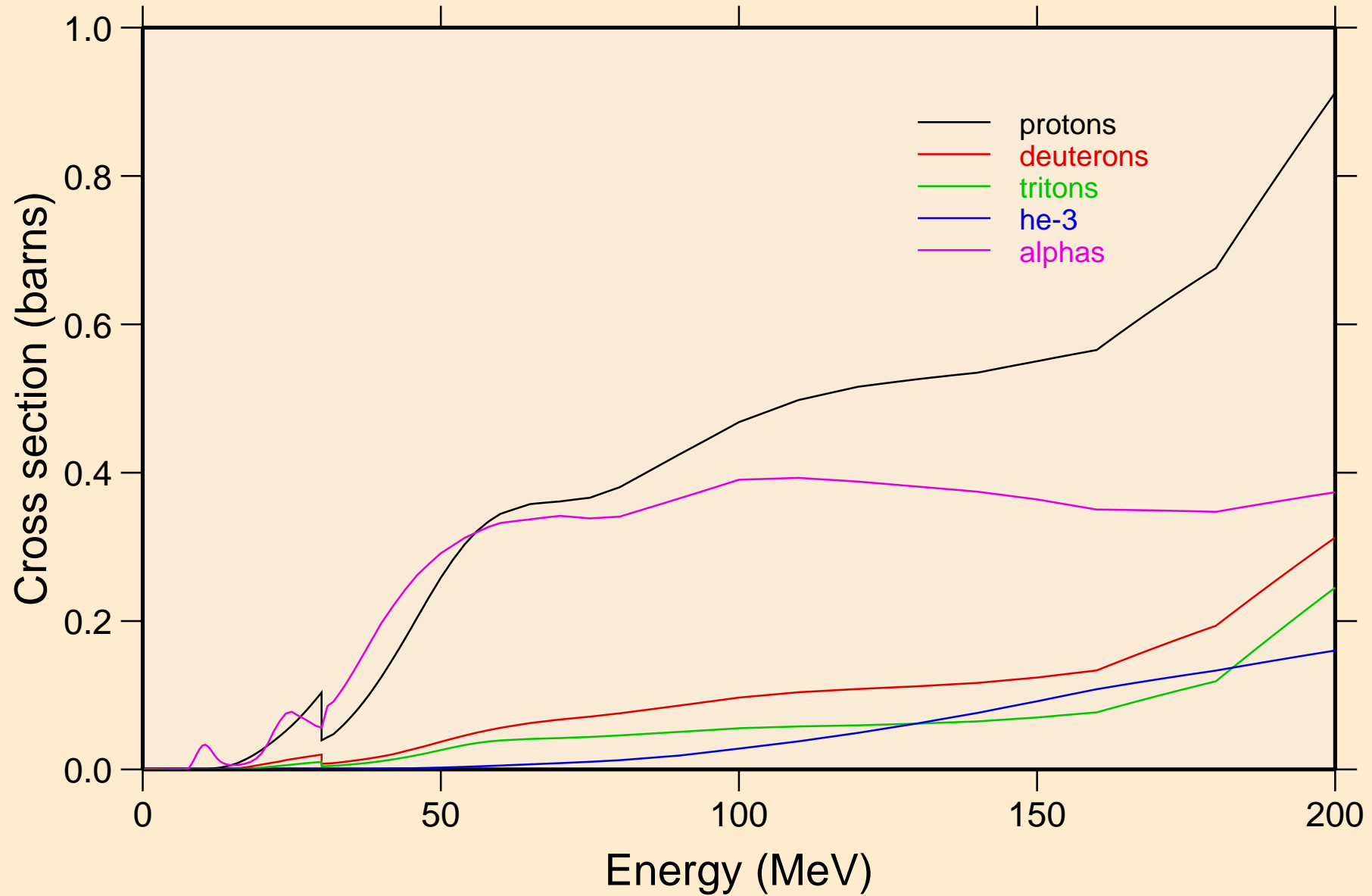


# PA229 NRG TENDL-2015, AKONING

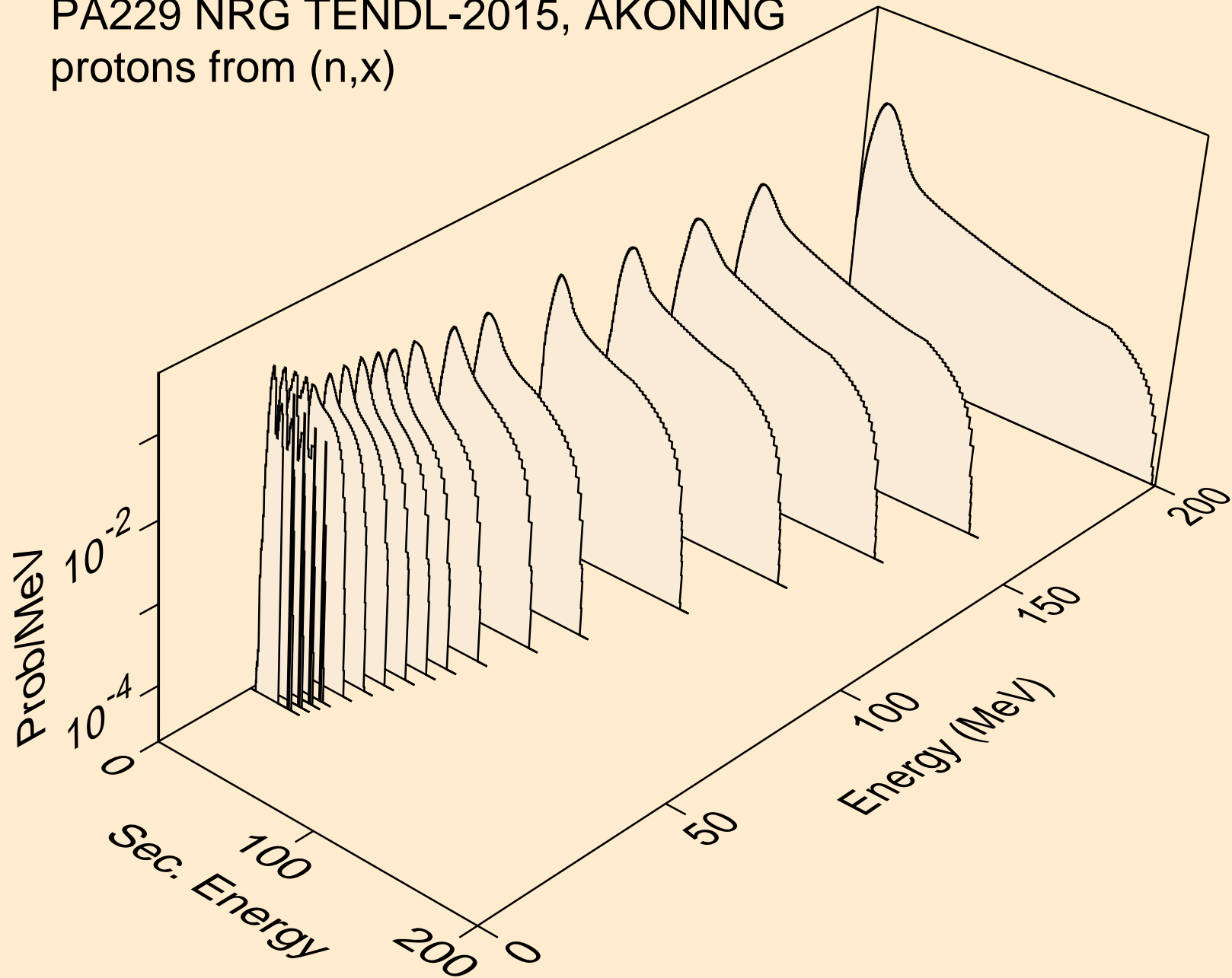
## Recoil Heating



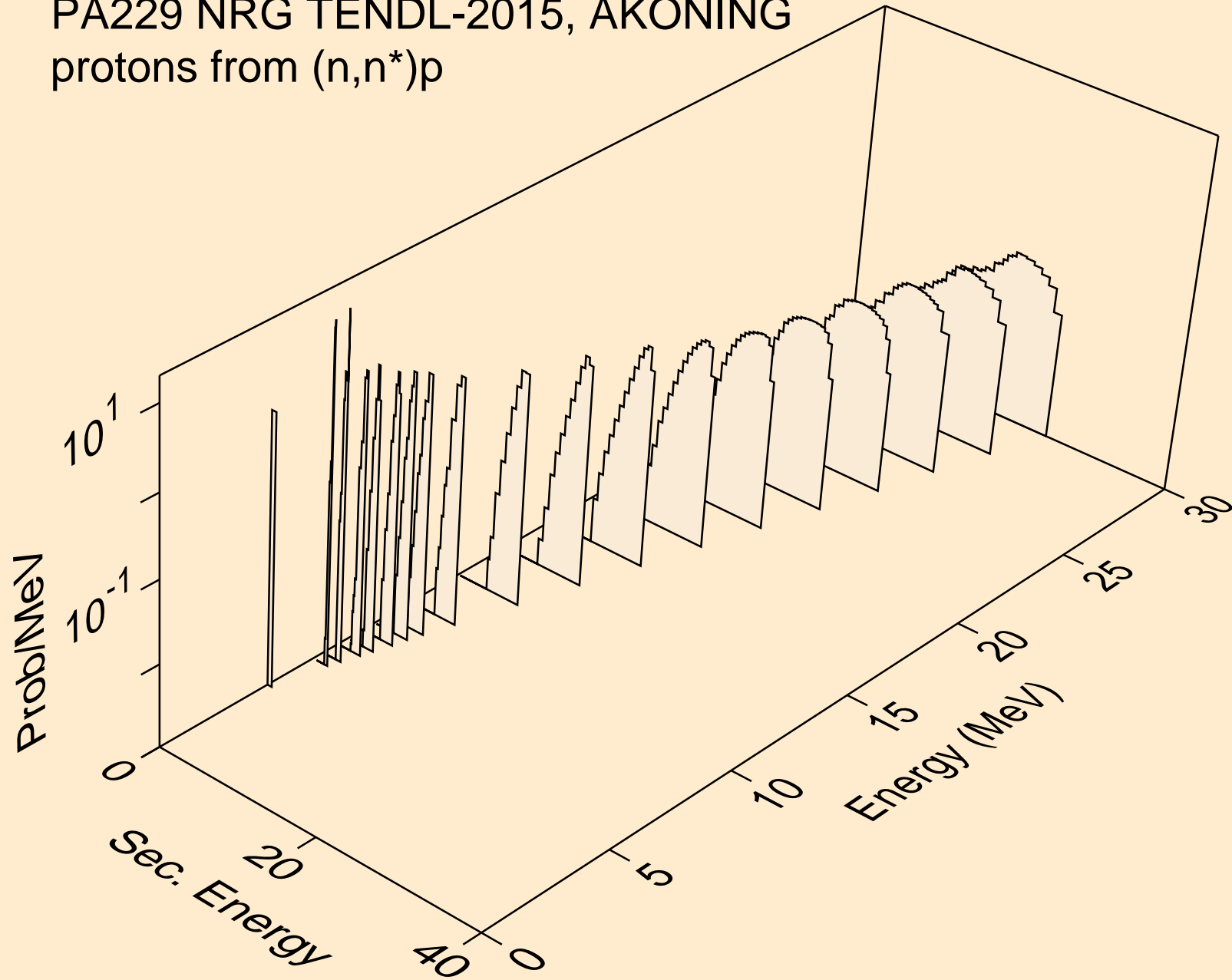
PA229 NRG TENDL-2015, AKONING  
Particle production cross sections



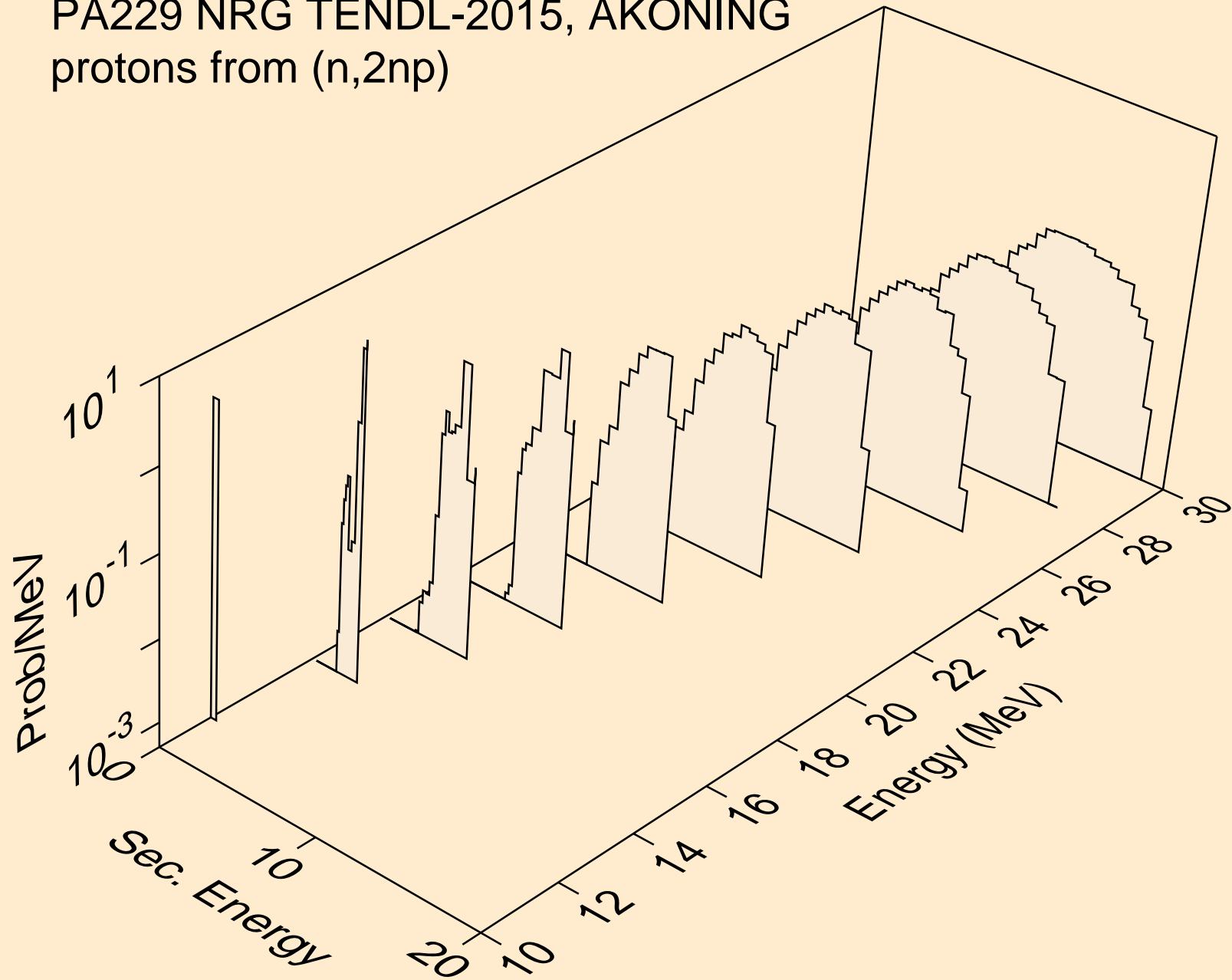
PA229 NRG TENDL-2015, AKONING  
protons from (n,x)



PA229 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

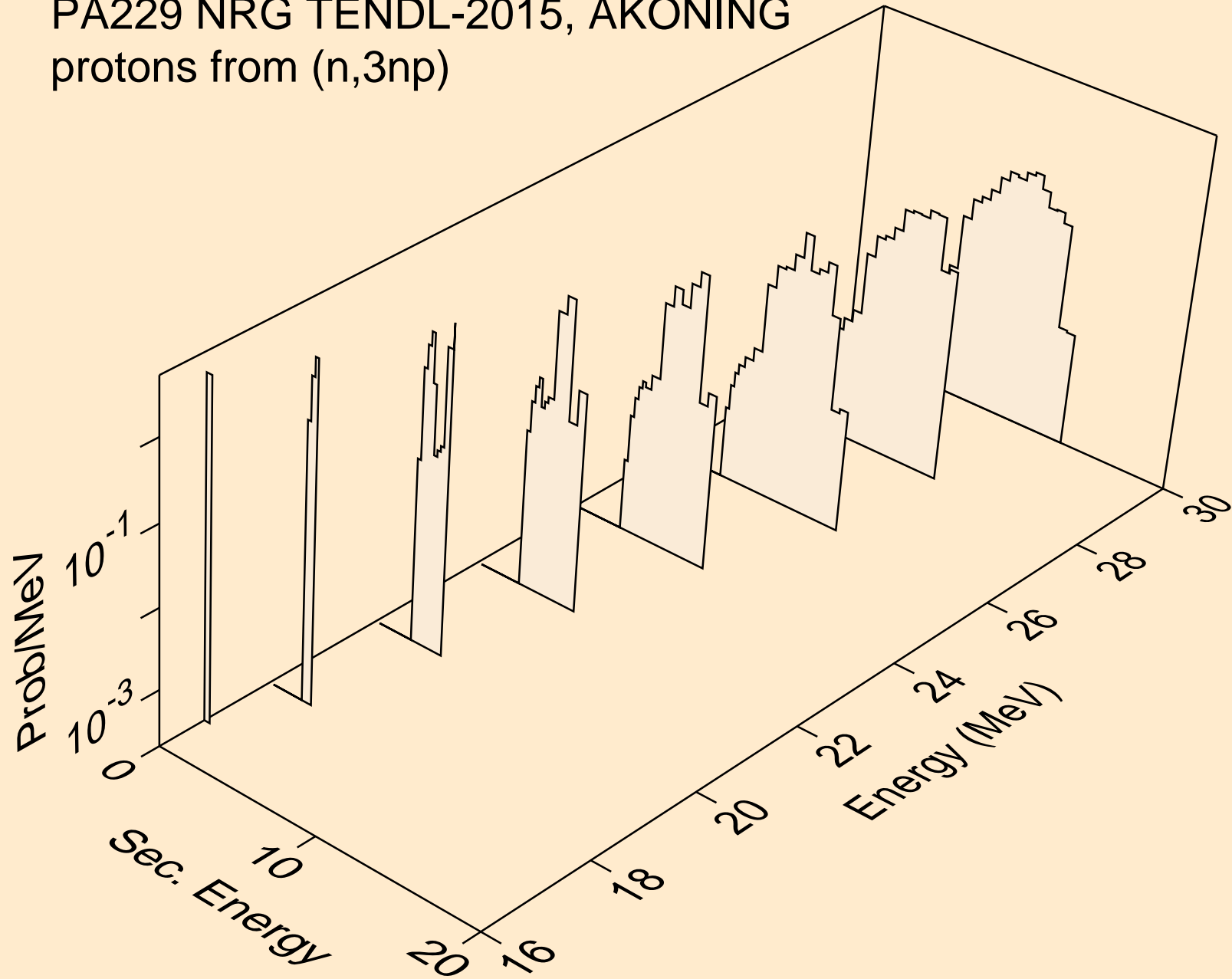


PA229 NRG TENDL-2015, AKONING  
protons from (n,2np)

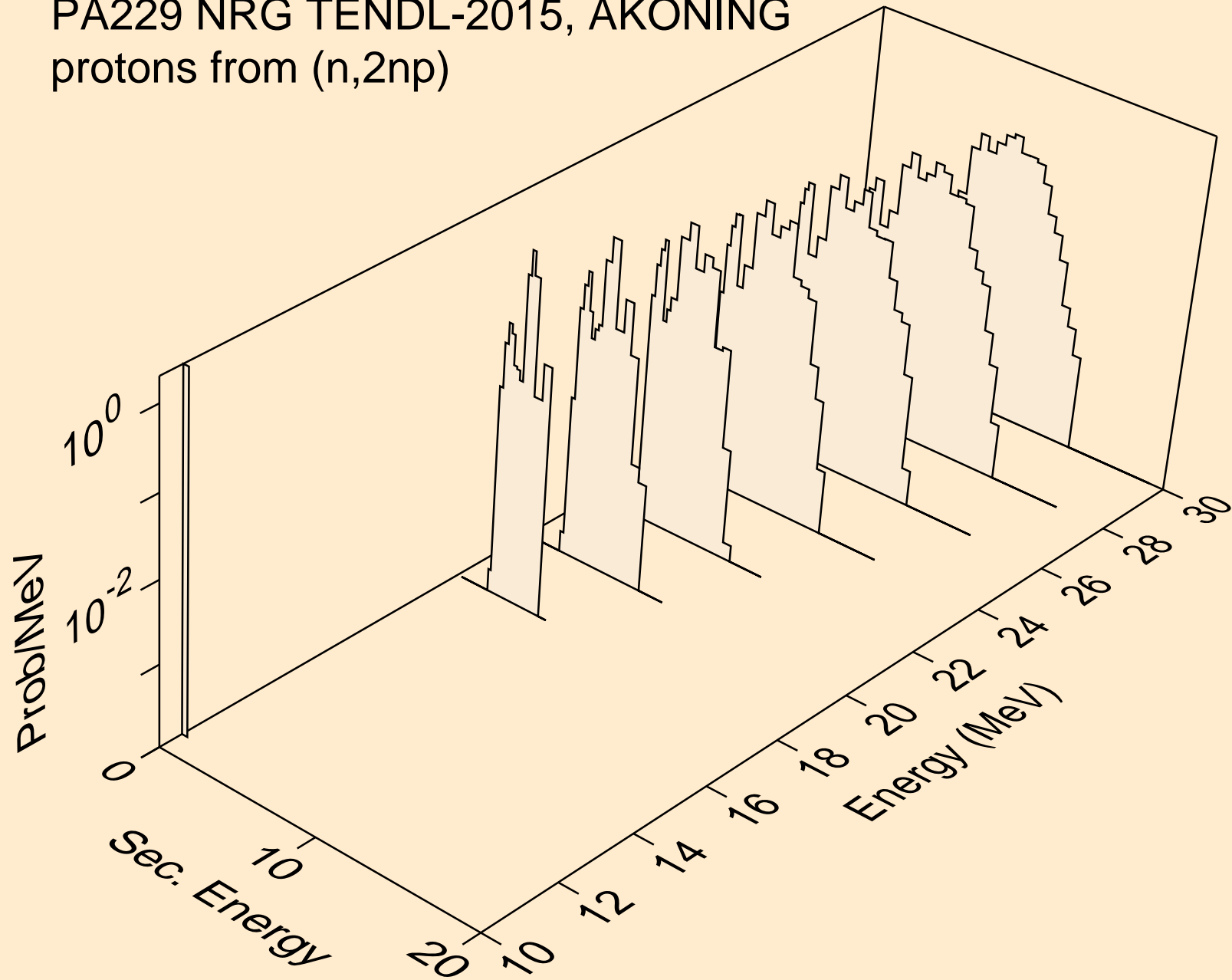




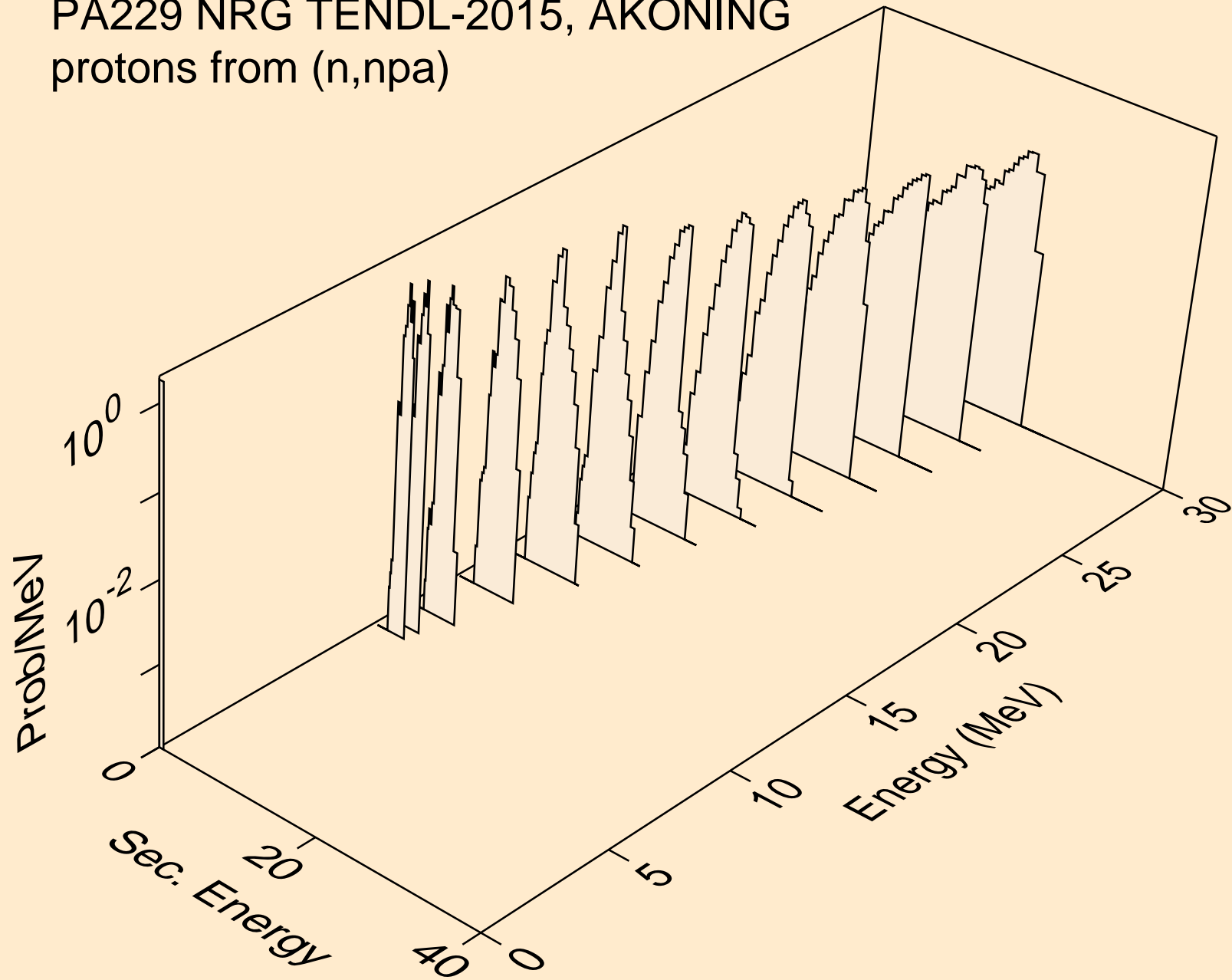
PA229 NRG TENDL-2015, AKONING  
protons from (n,3np)



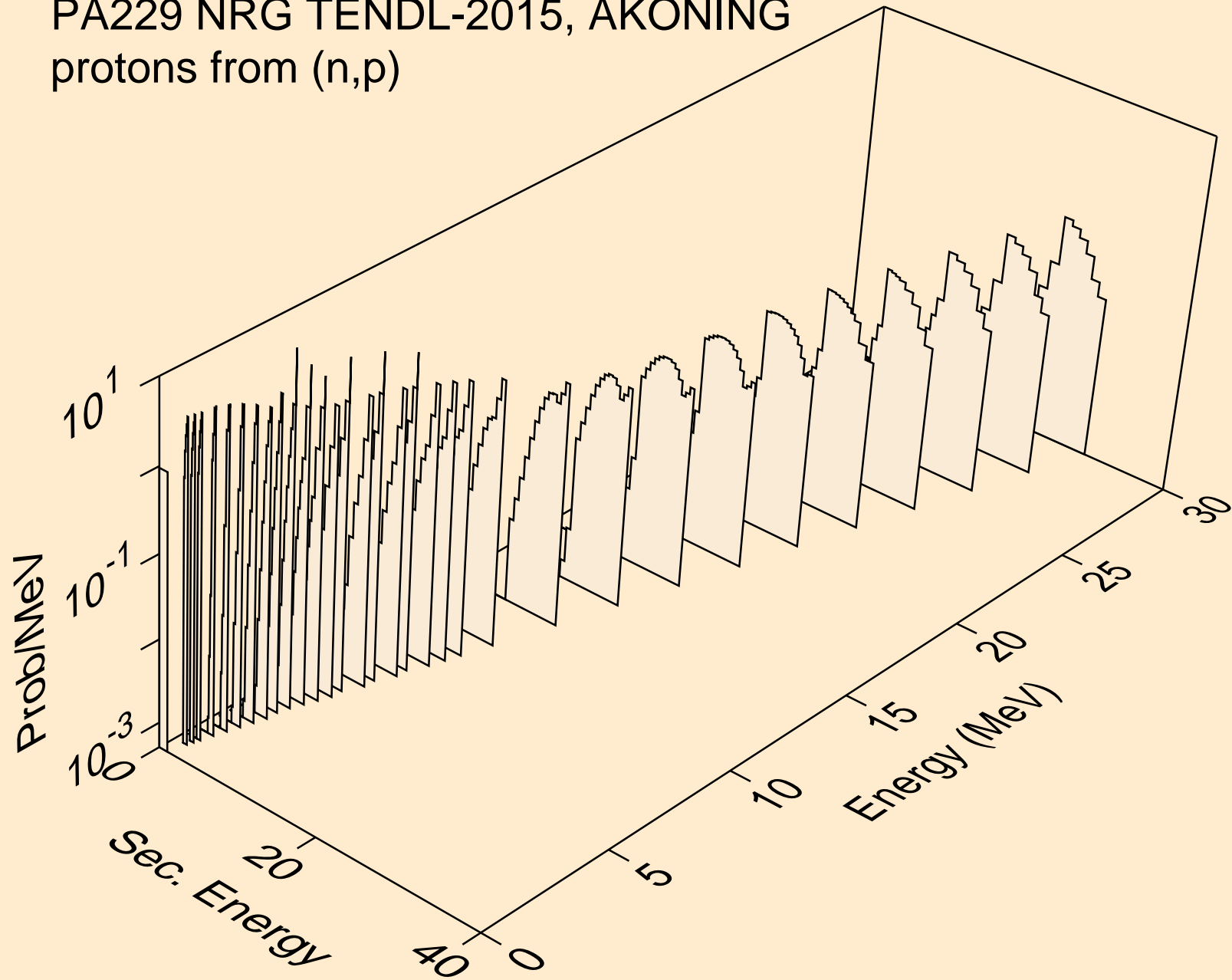
PA229 NRG TENDL-2015, AKONING  
protons from (n,2np)



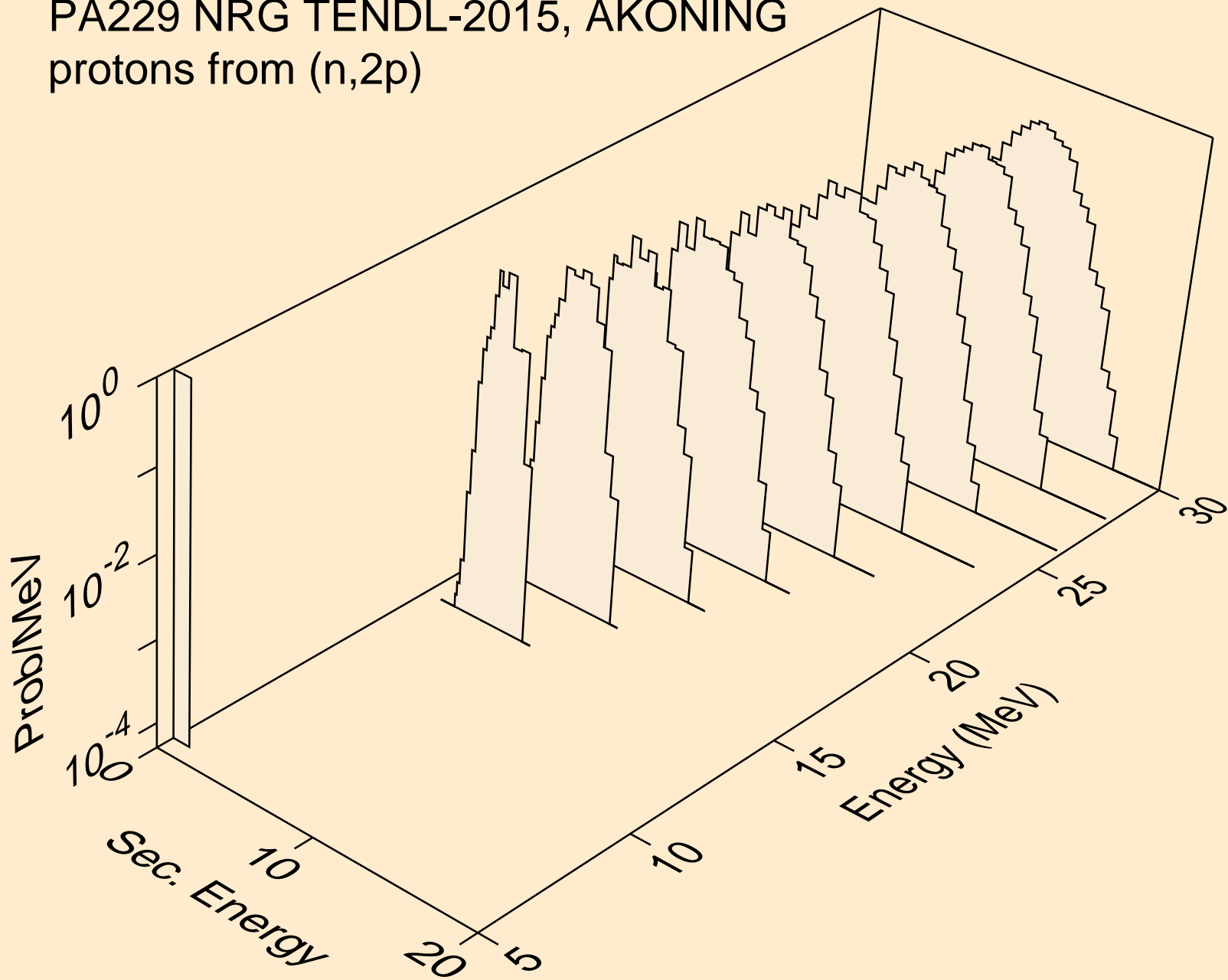
PA229 NRG TENDL-2015, AKONING  
protons from (n,npa)



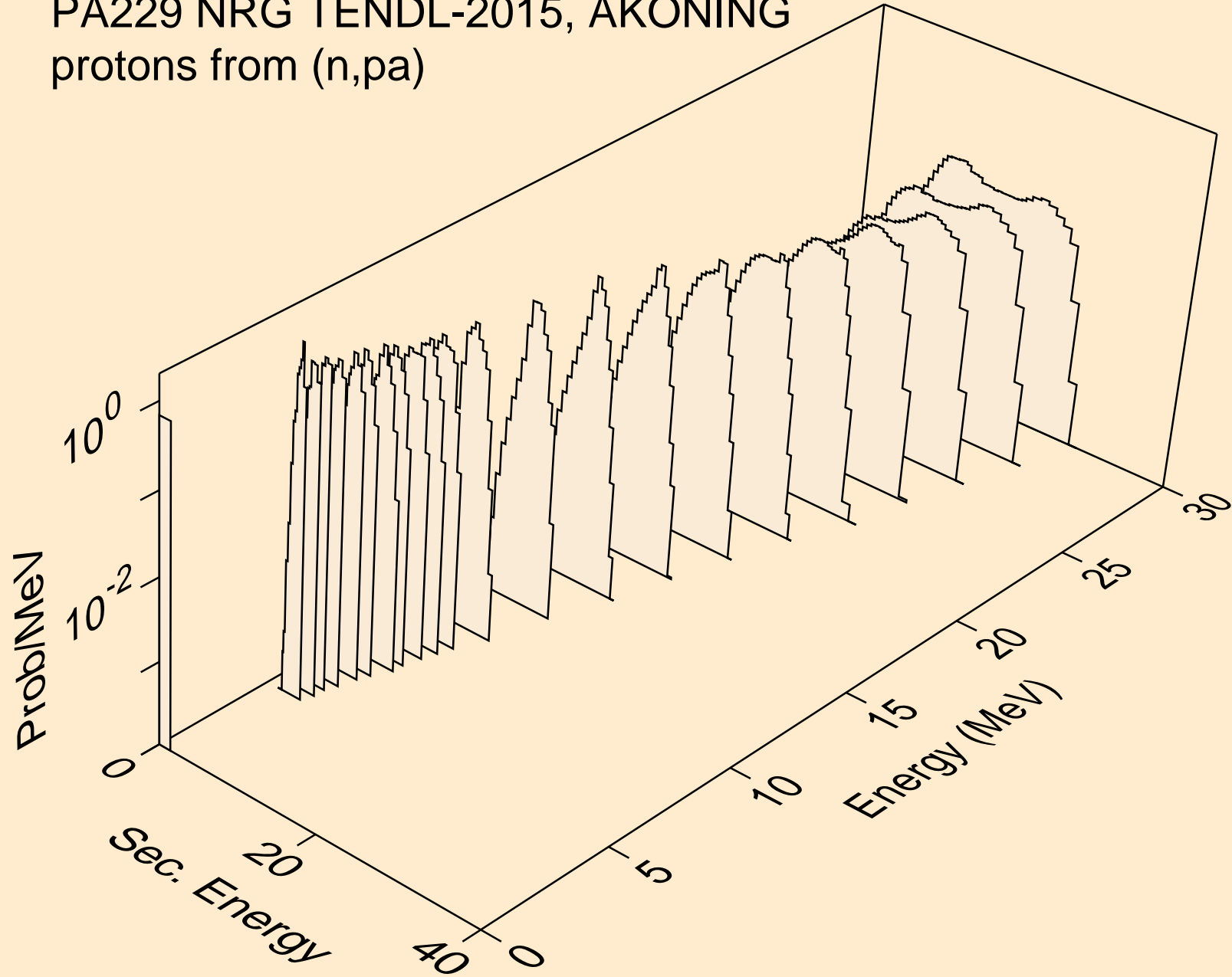
PA229 NRG TENDL-2015, AKONING  
protons from (n,p)



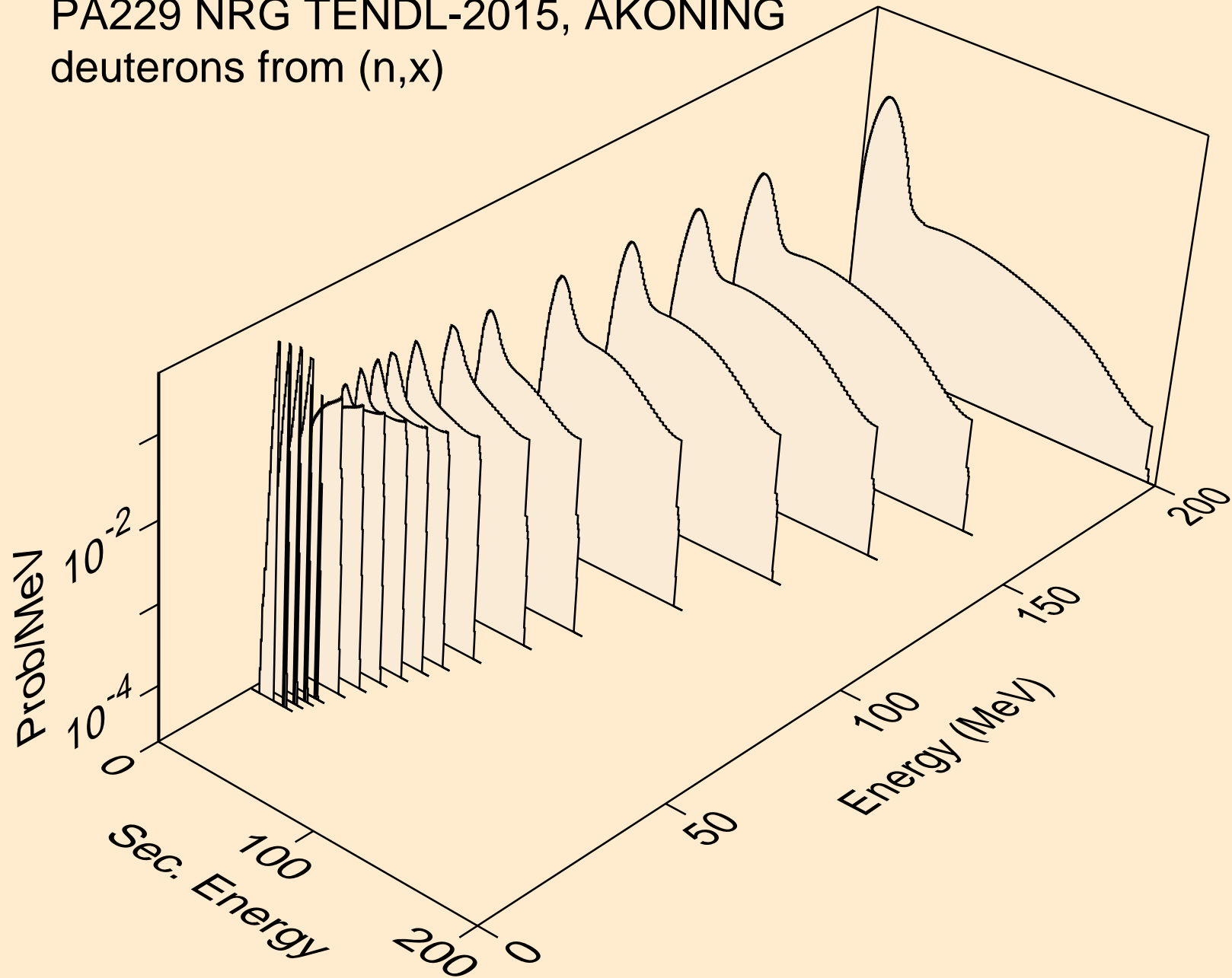
PA229 NRG TENDL-2015, AKONING  
protons from (n,2p)



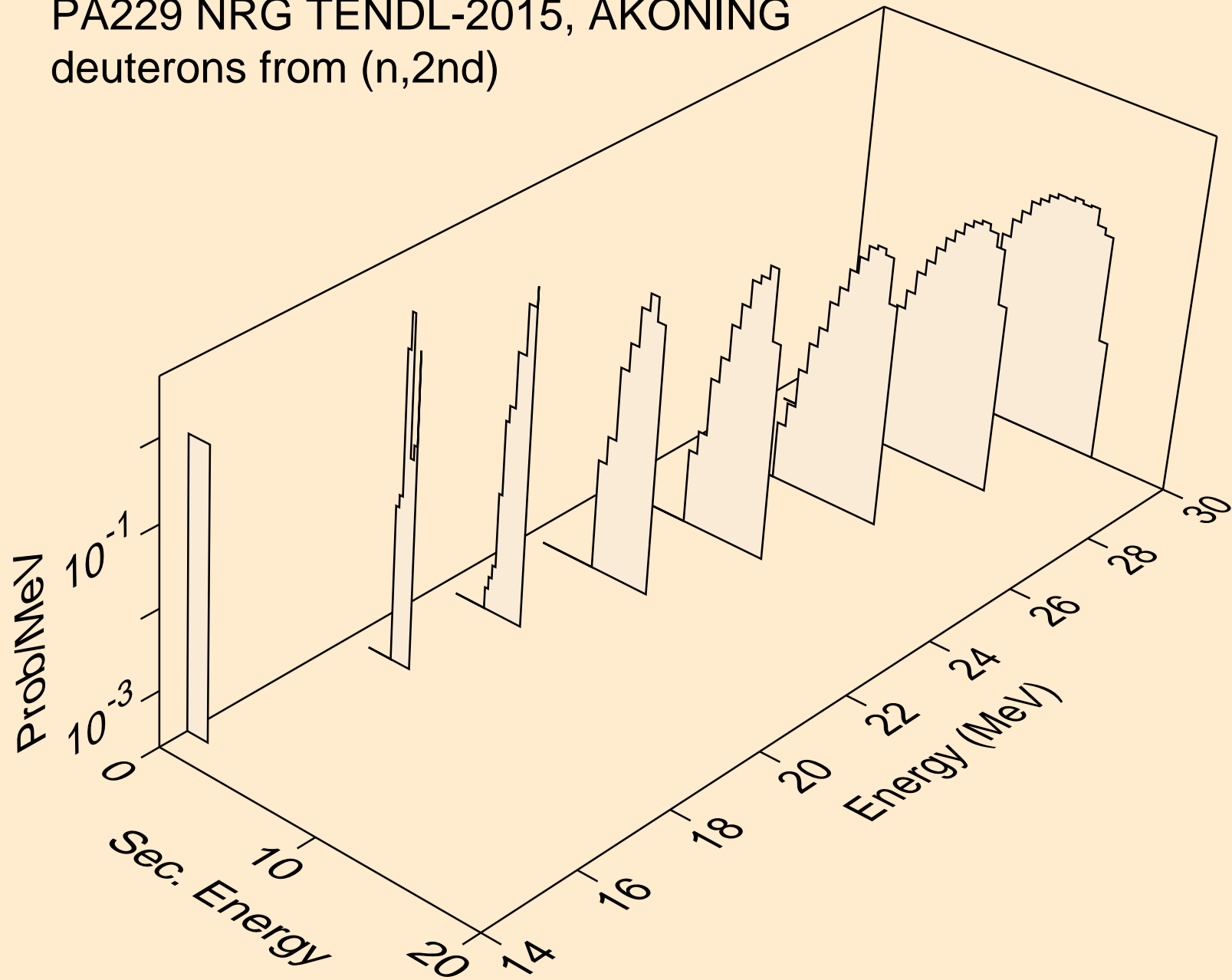
PA229 NRG TENDL-2015, AKONING  
protons from (n,pa)



PA229 NRG TENDL-2015, AKONING  
deuterons from (n,x)

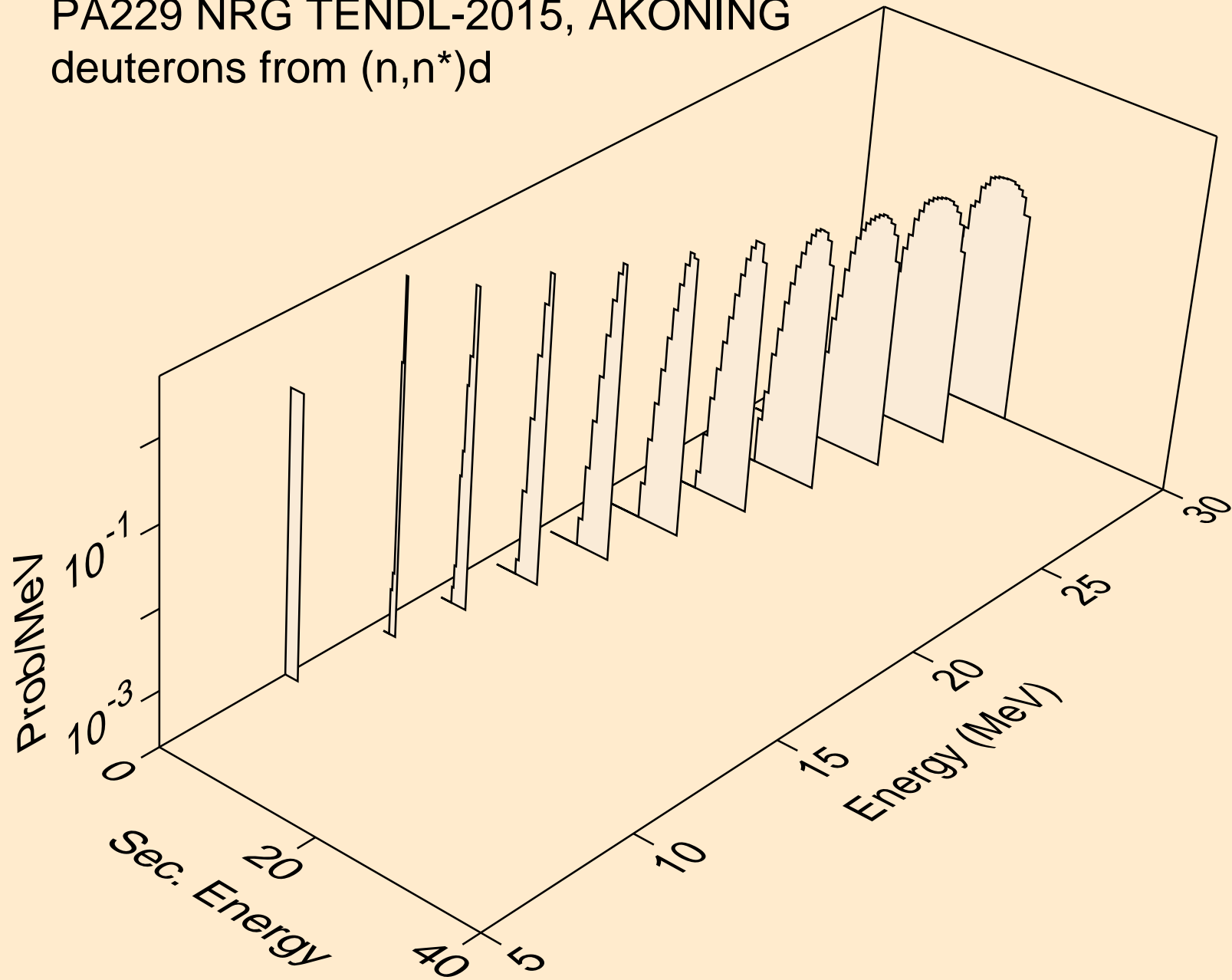


PA229 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)

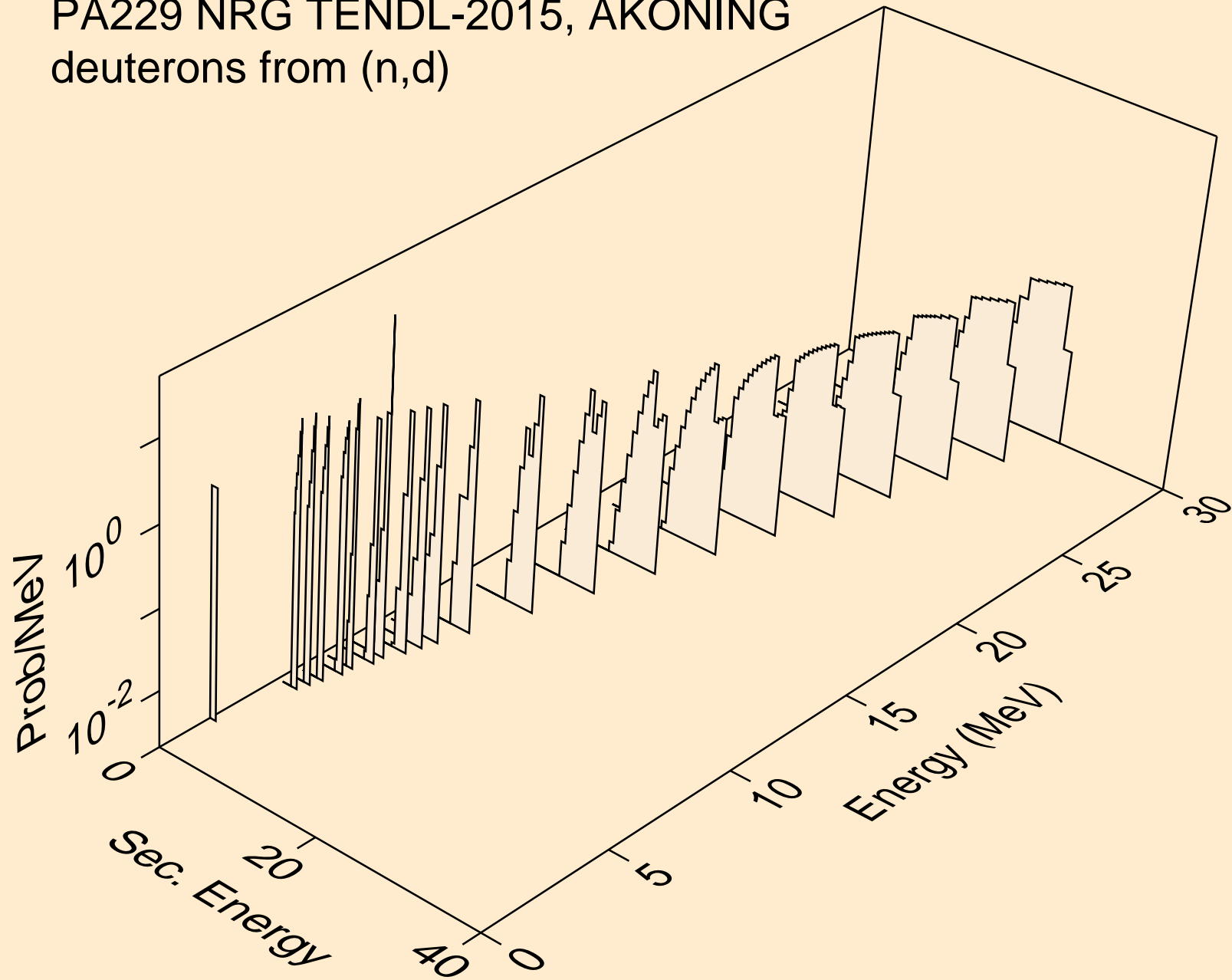




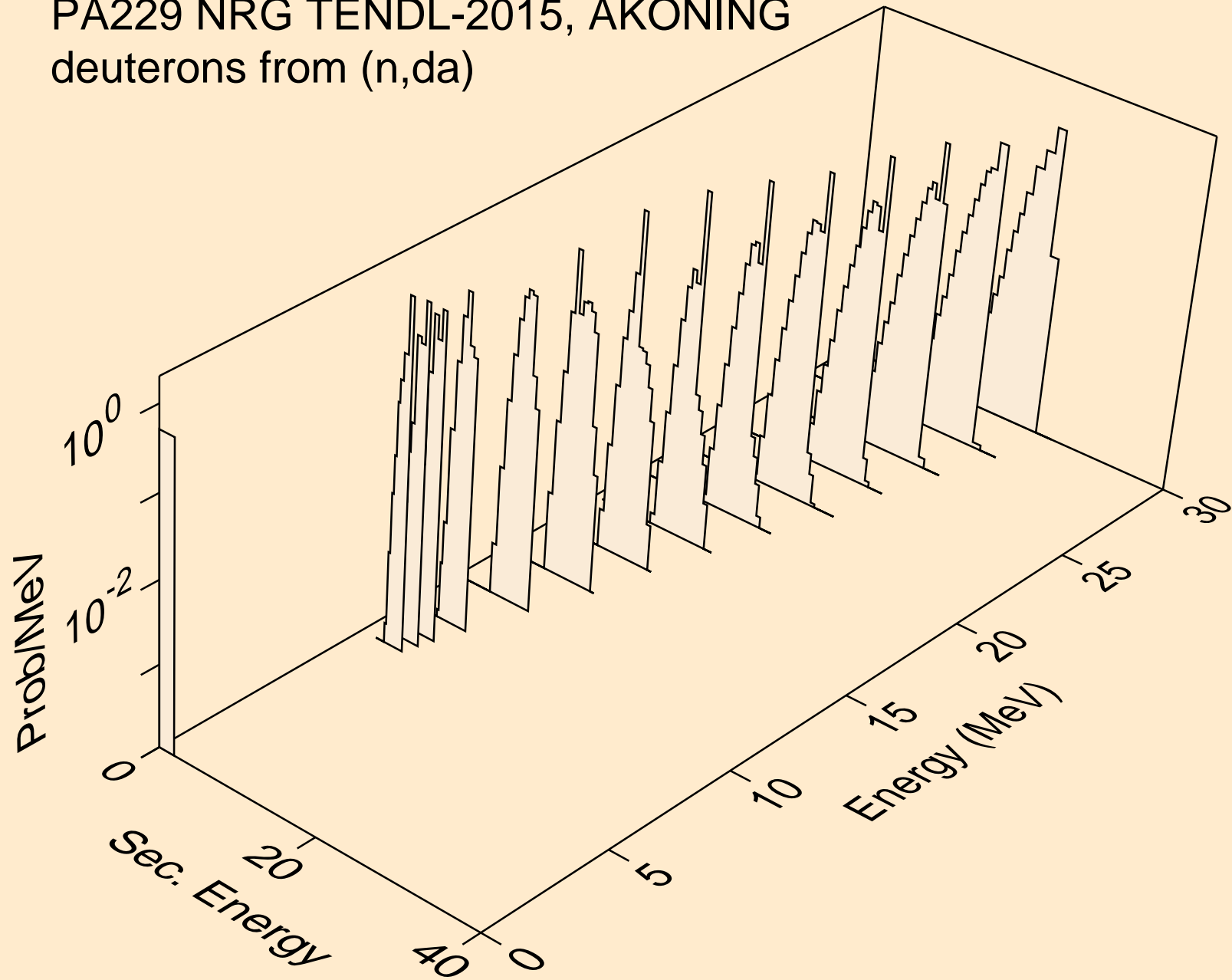
PA229 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



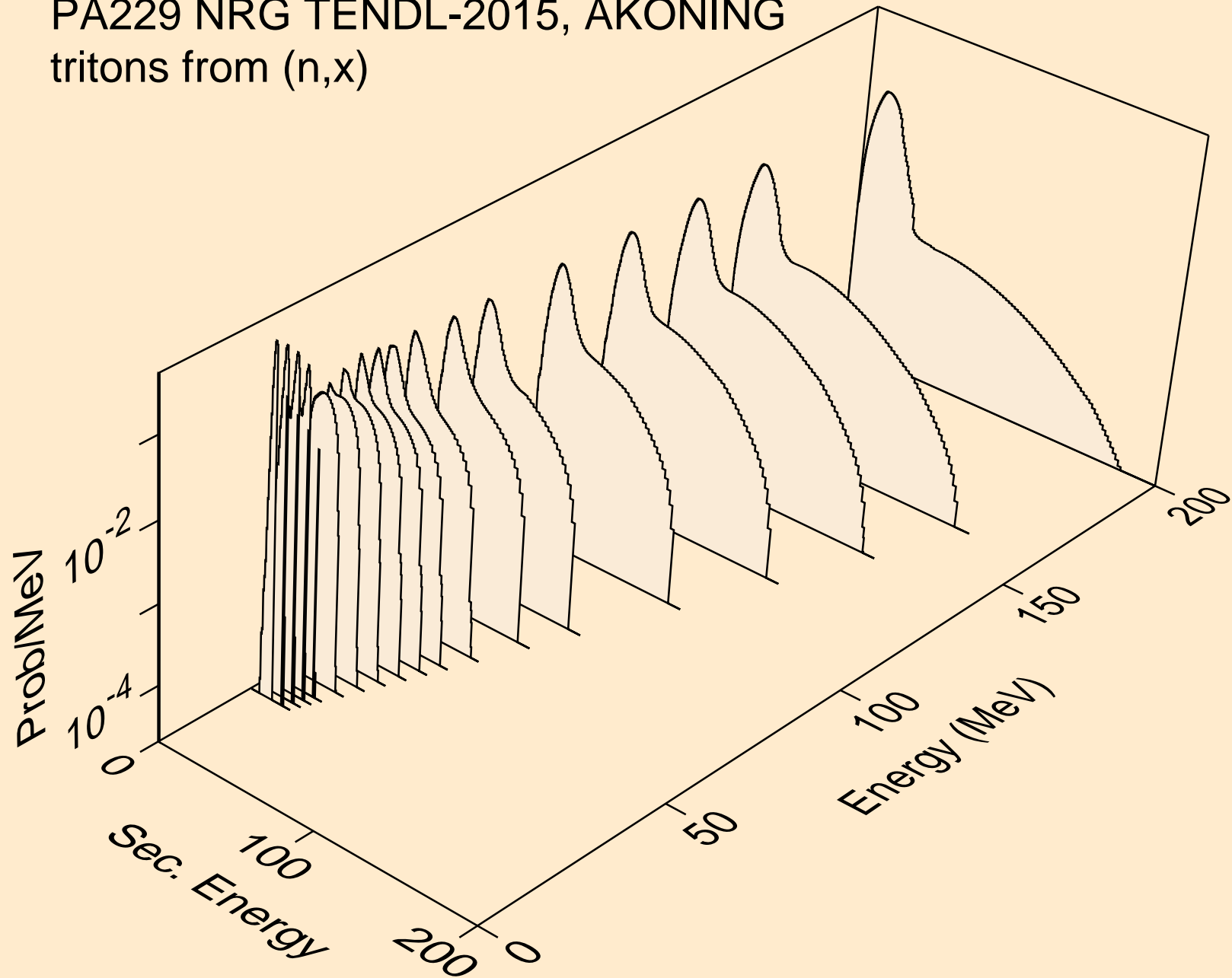
PA229 NRG TENDL-2015, AKONING  
deuterons from (n,d)



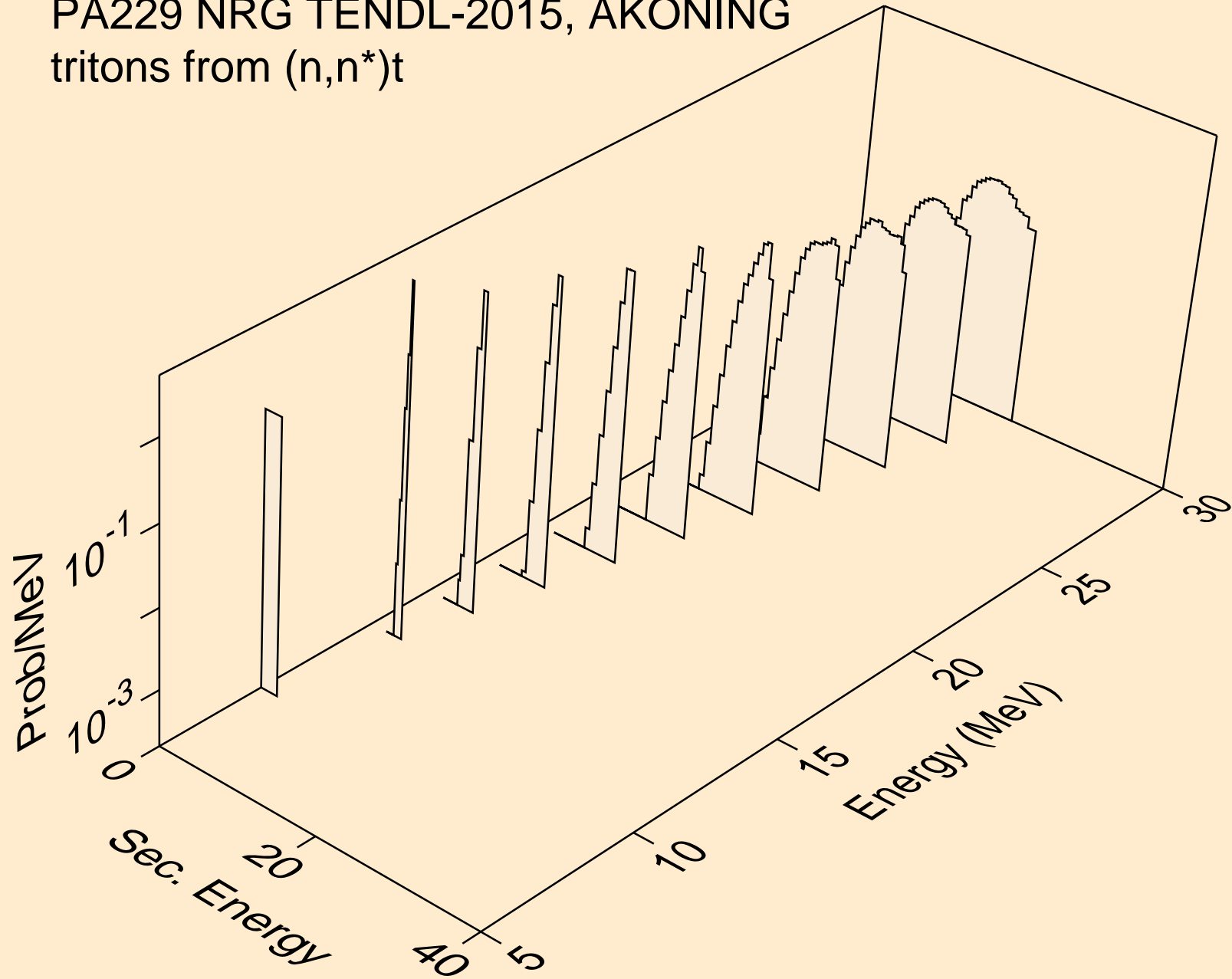
PA229 NRG TENDL-2015, AKONING  
deuterons from (n,da)



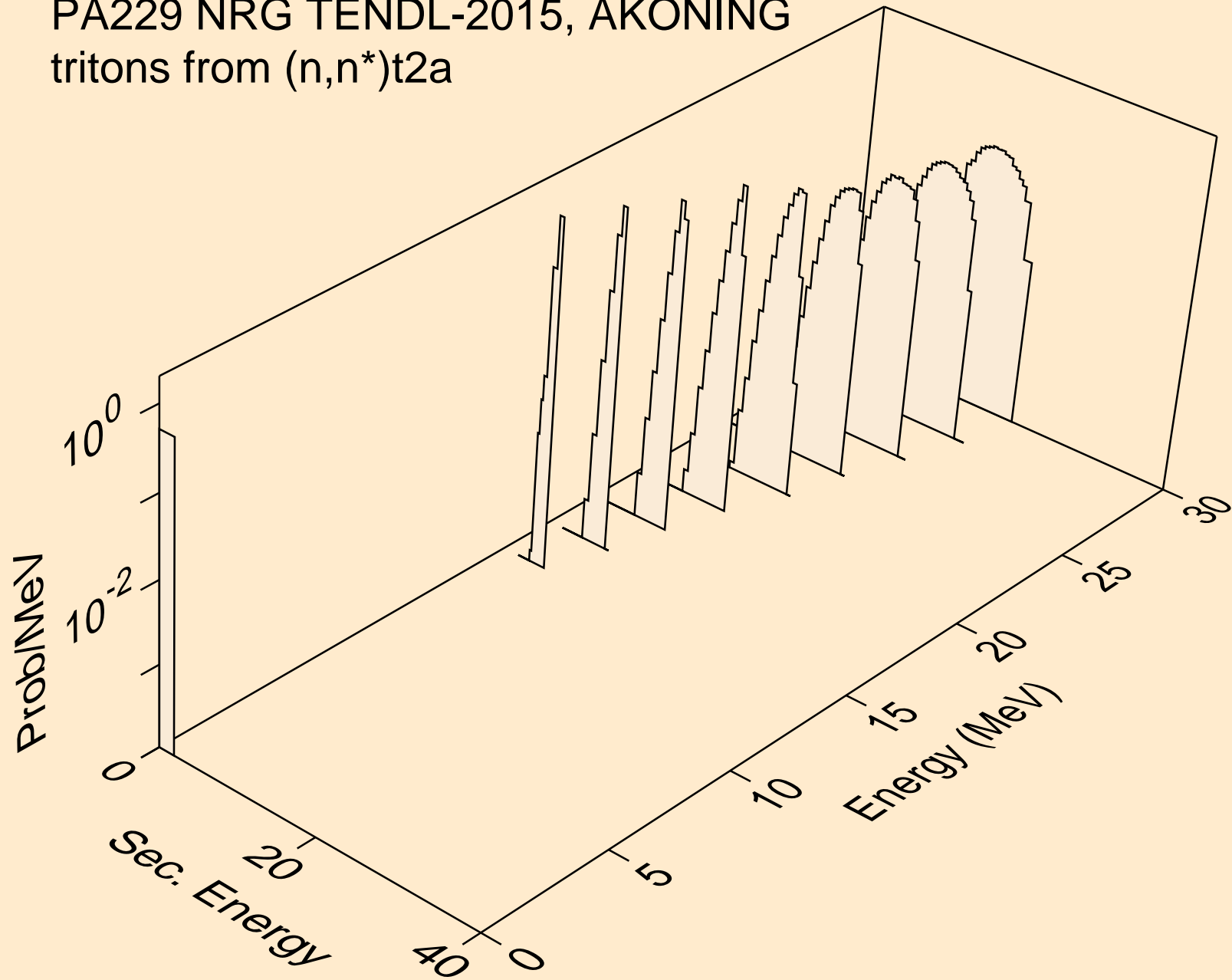
PA229 NRG TENDL-2015, AKONING  
tritons from (n,x)



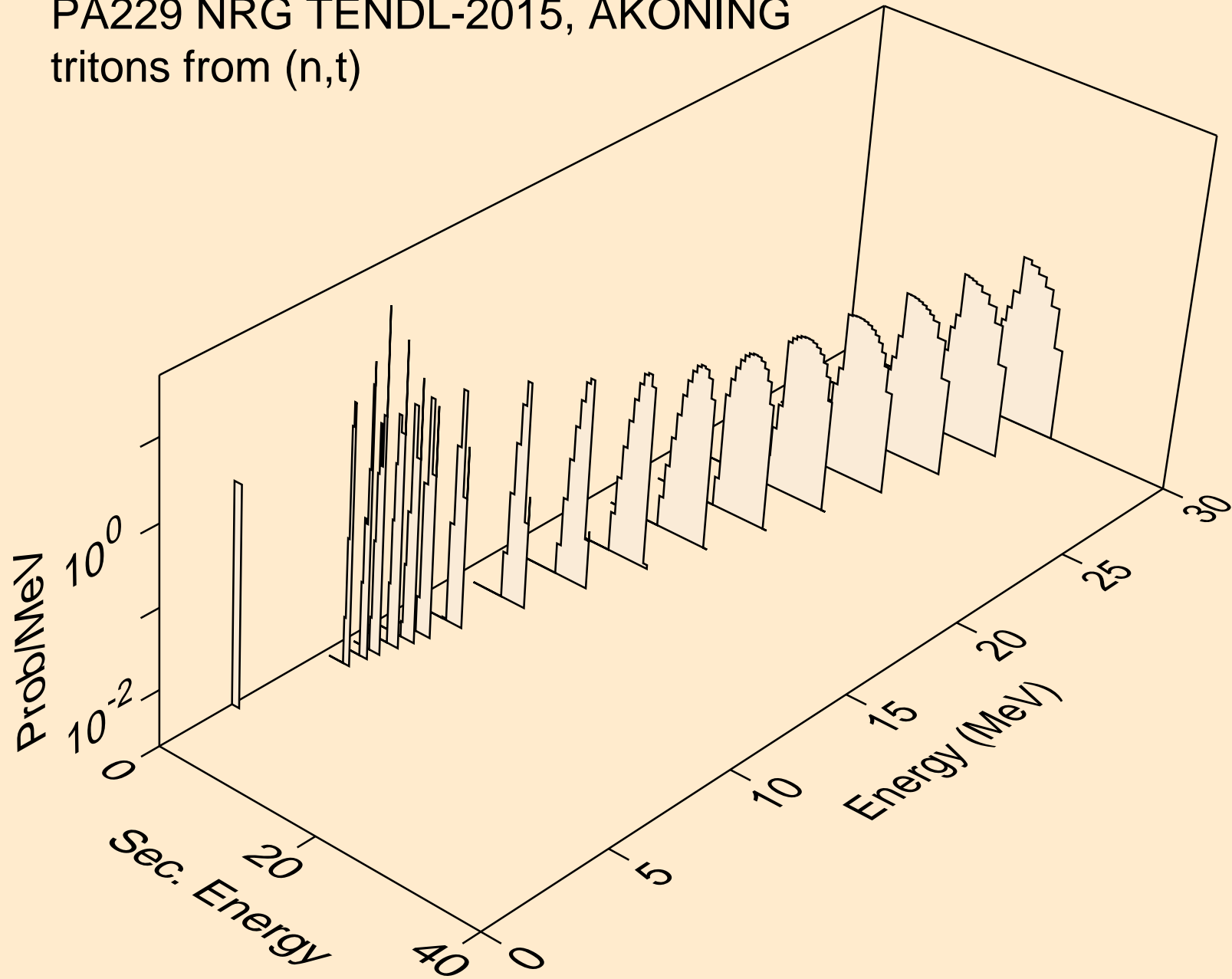
PA229 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



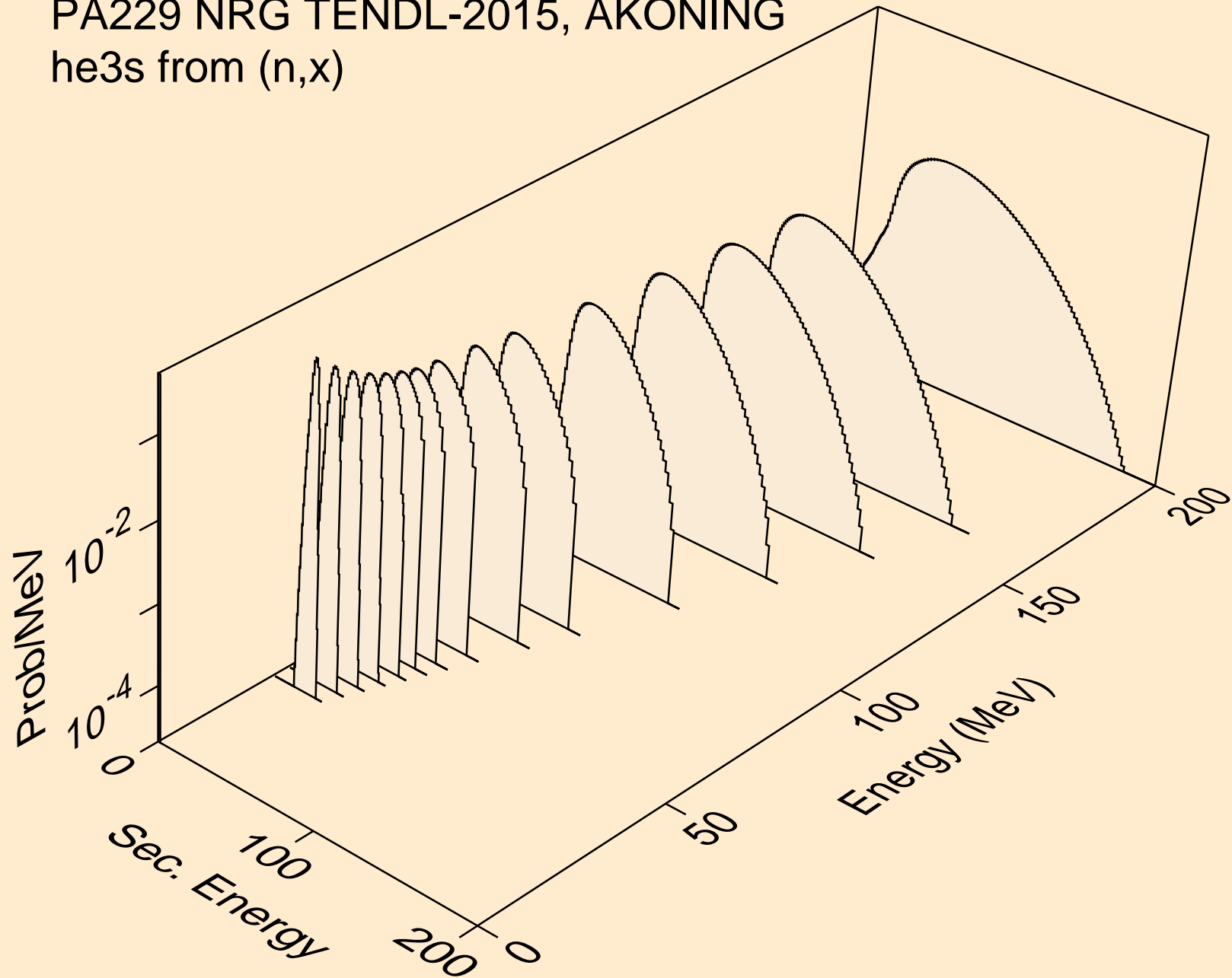
PA229 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t2a



PA229 NRG TENDL-2015, AKONING  
tritons from (n,t)

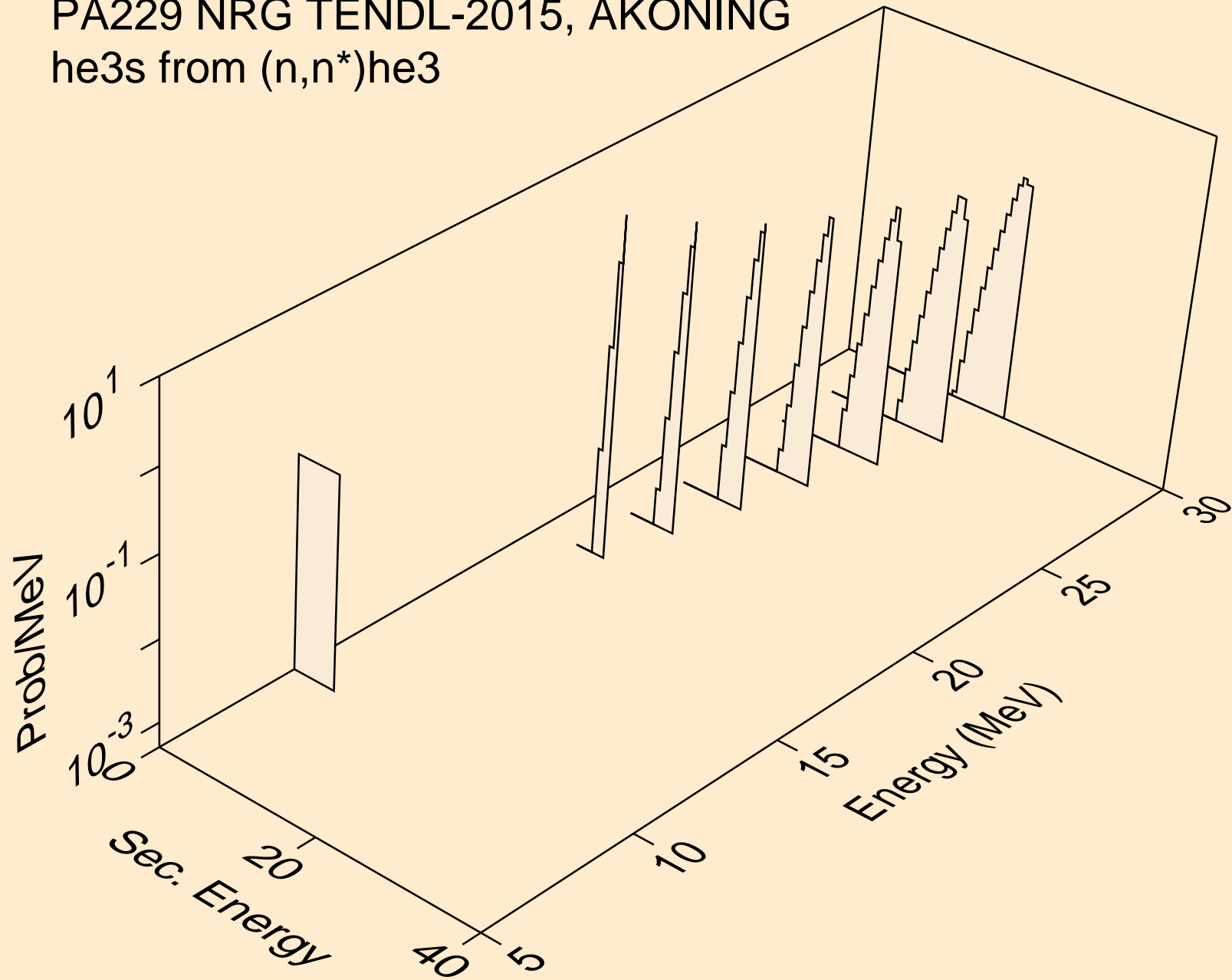


PA229 NRG TENDL-2015, AKONING  
he3s from (n,x)

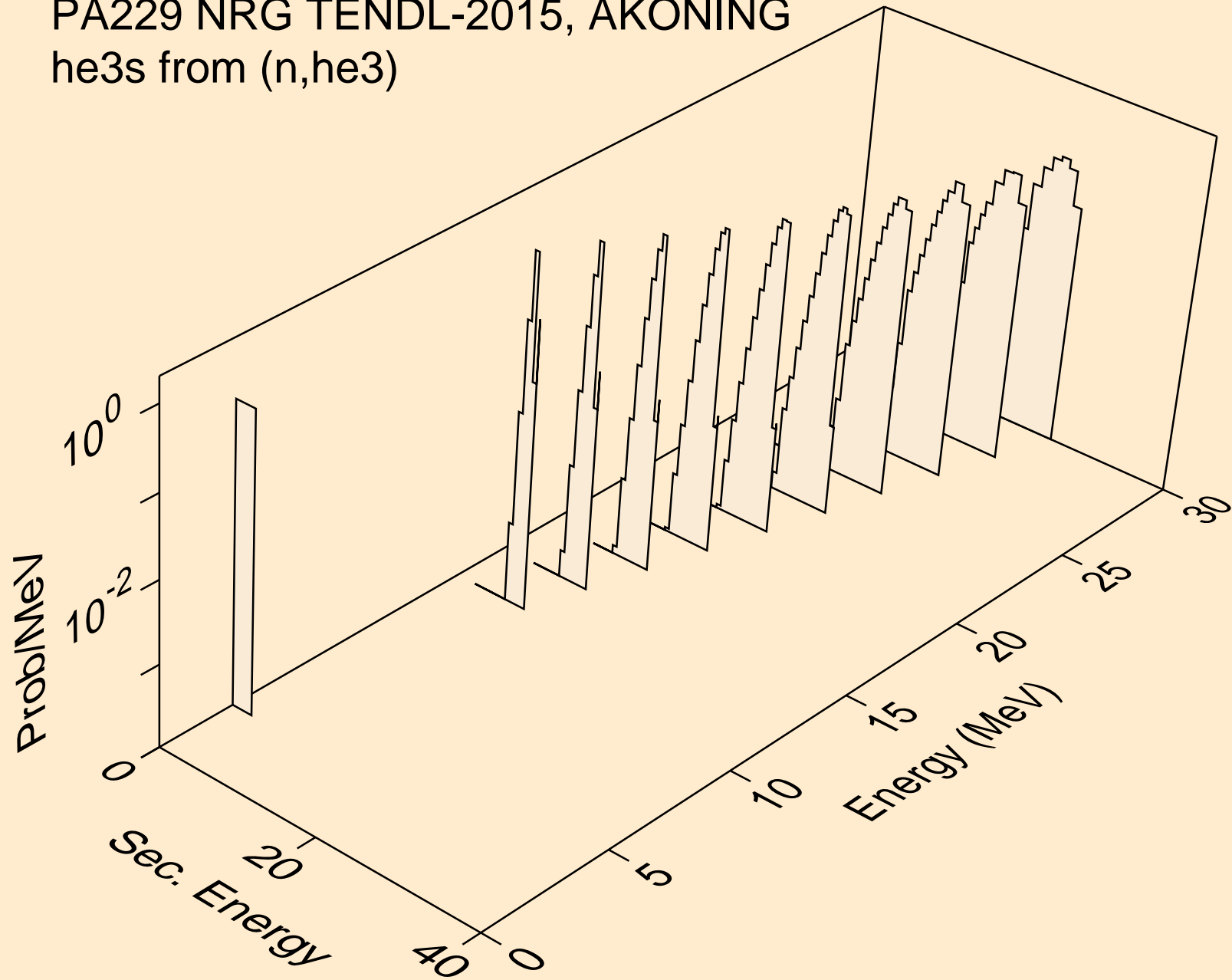




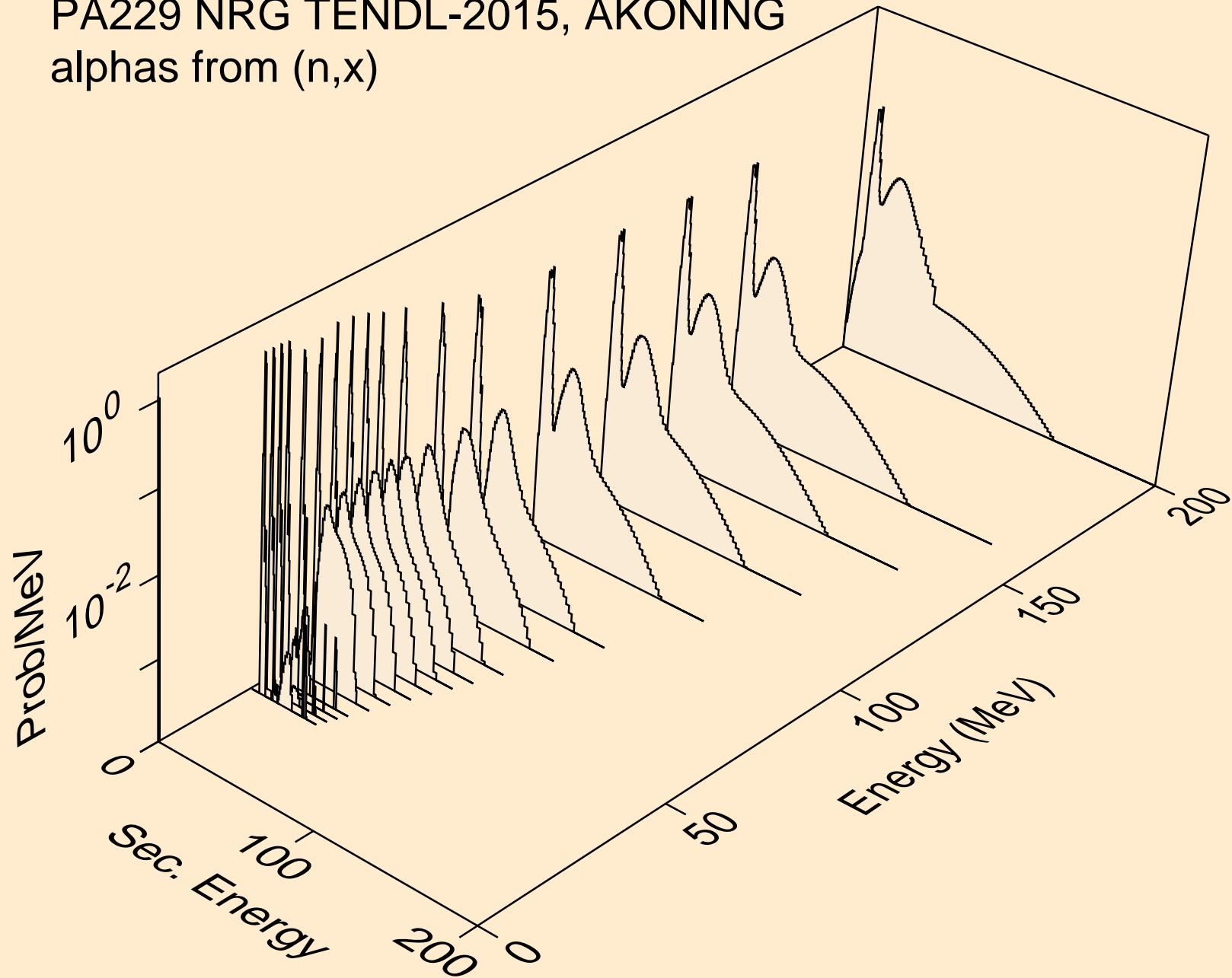
PA229 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



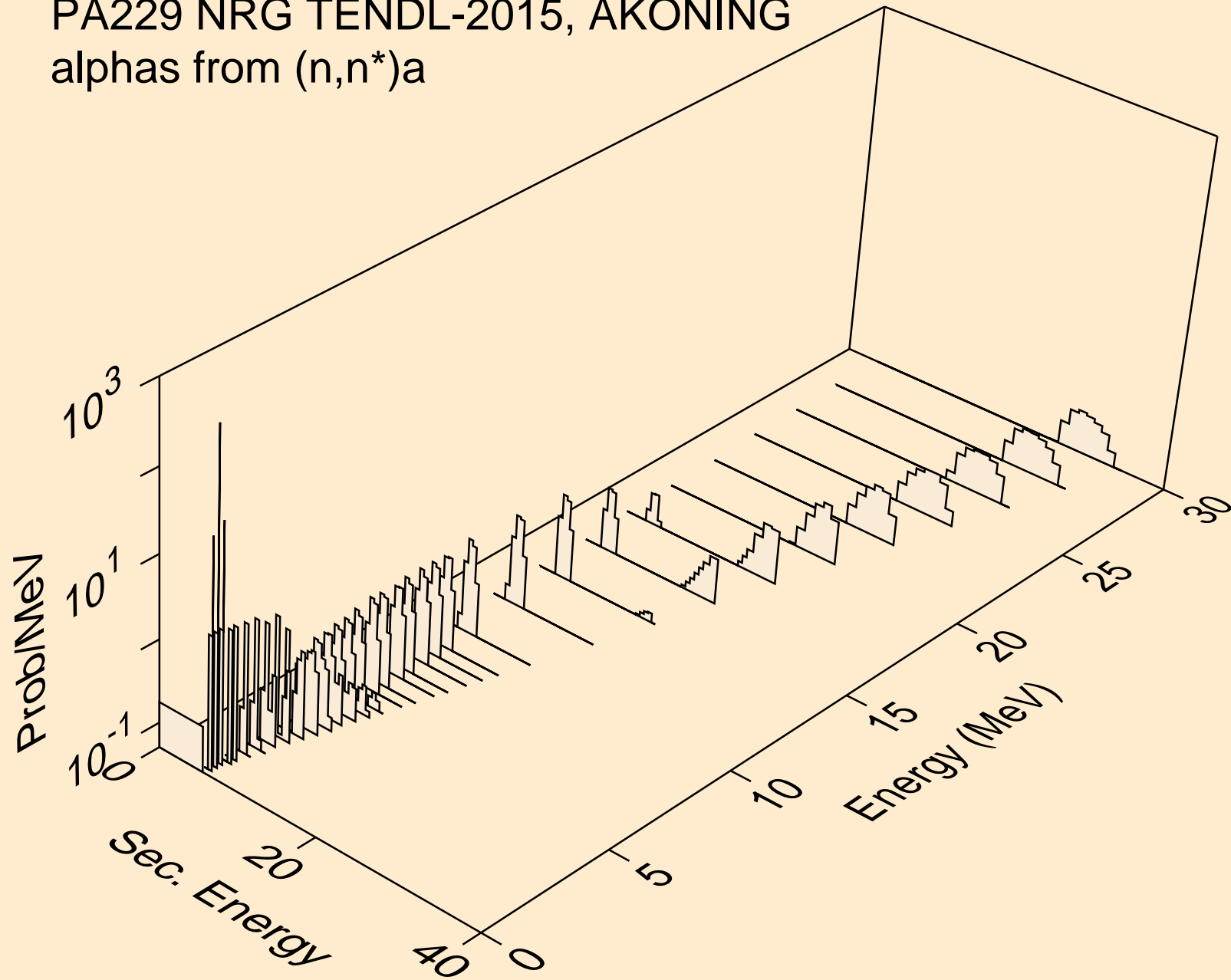
PA229 NRG TENDL-2015, AKONING  
he3s from (n,he3)



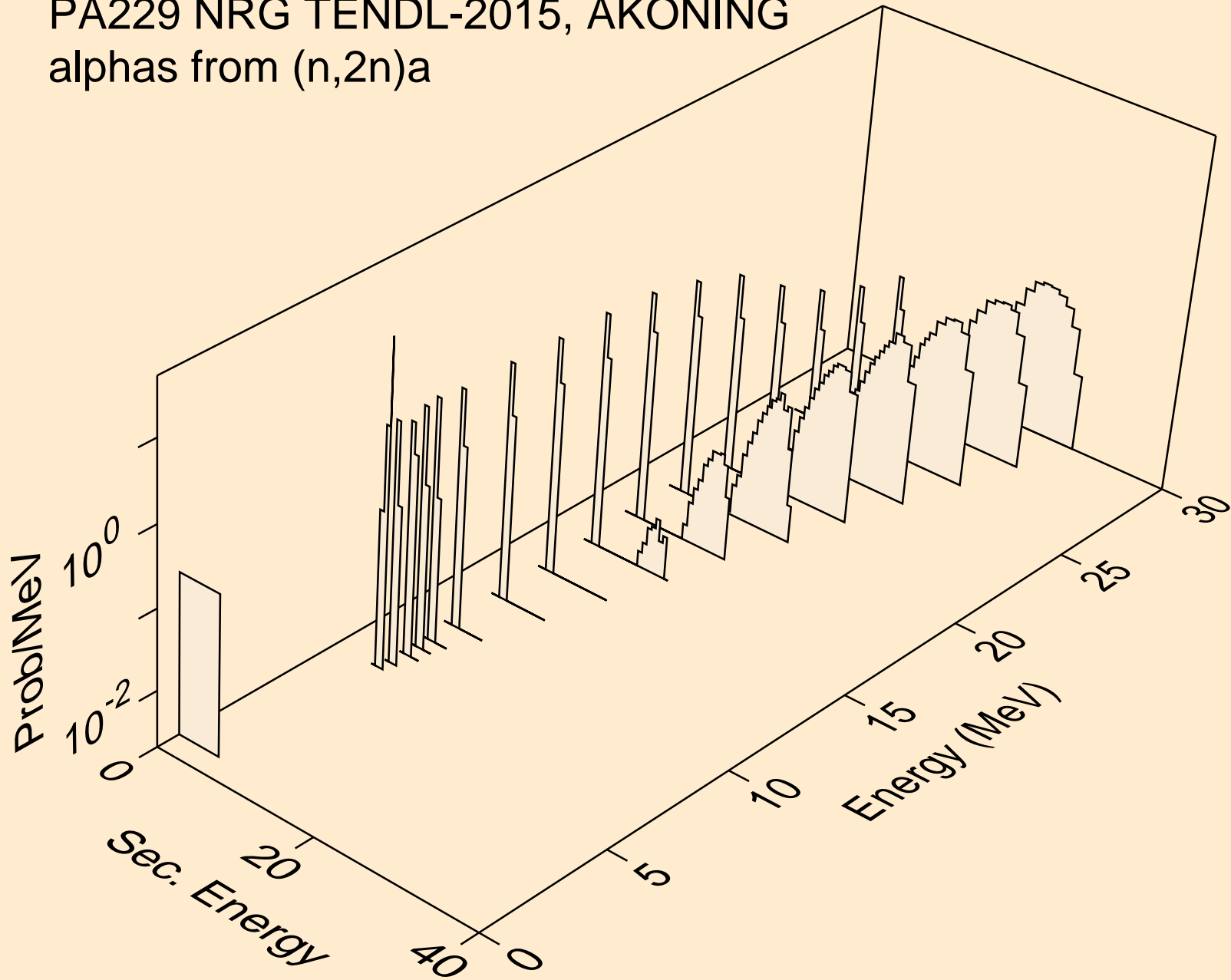
PA229 NRG TENDL-2015, AKONING  
alphas from (n,x)



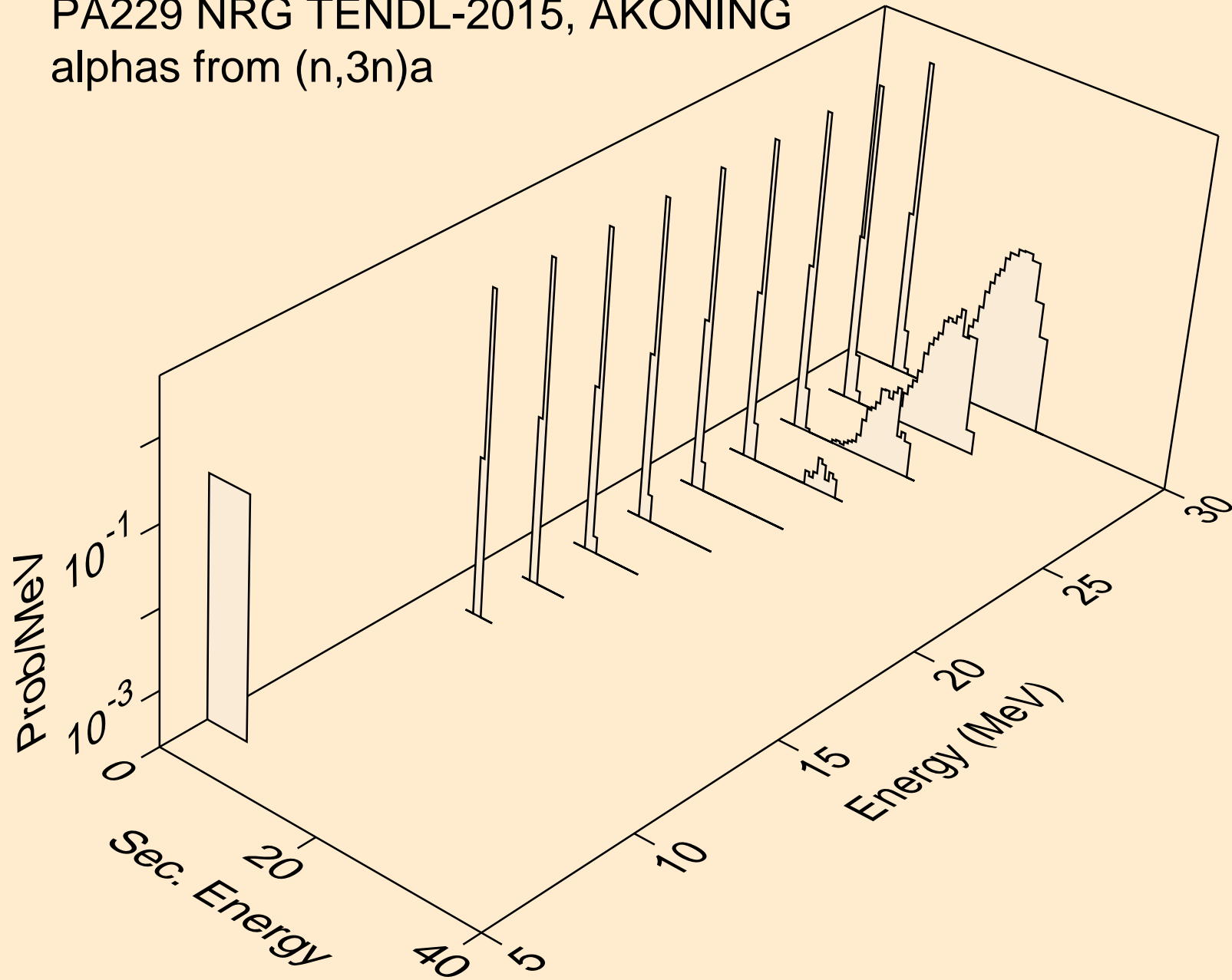
PA229 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



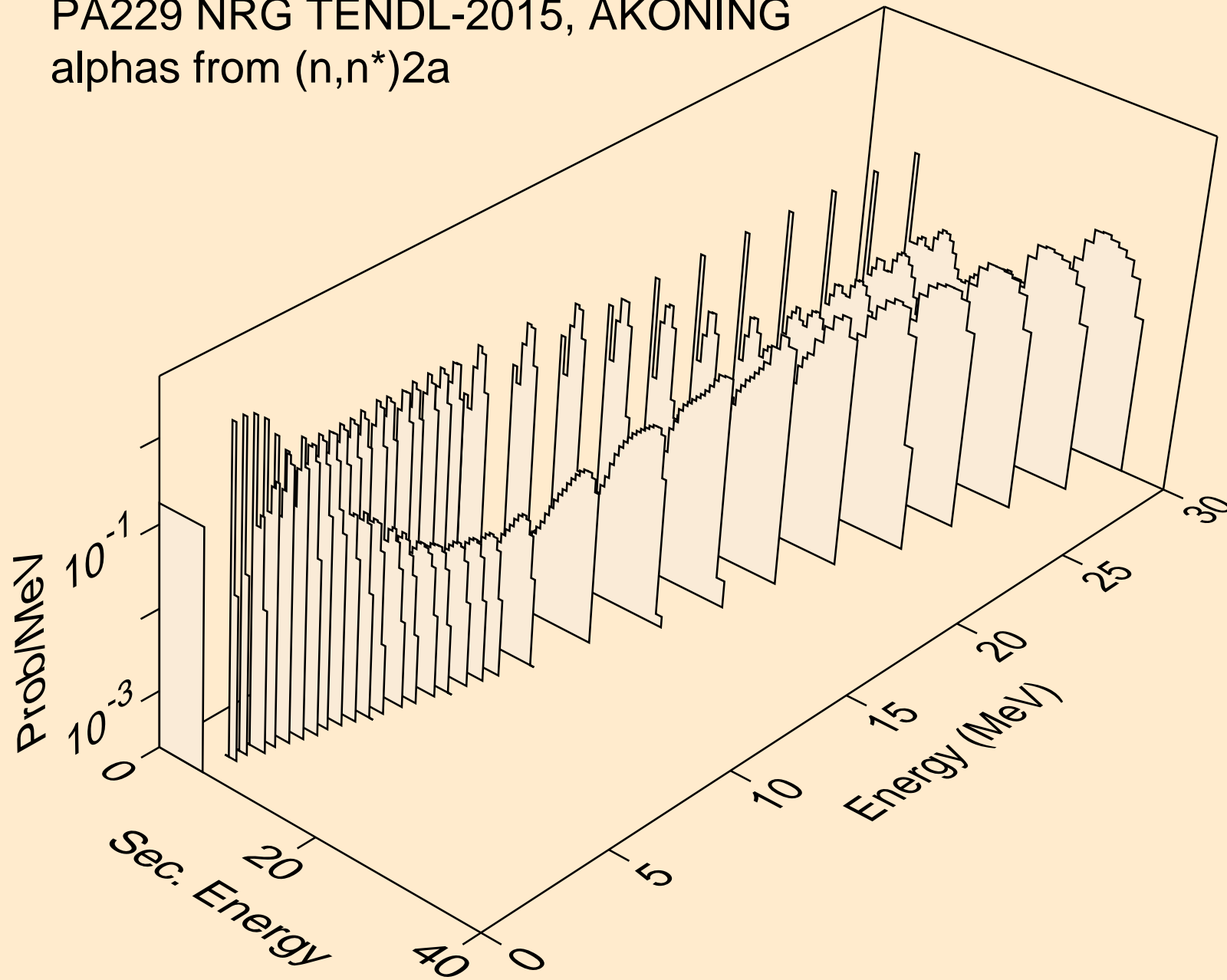
PA229 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



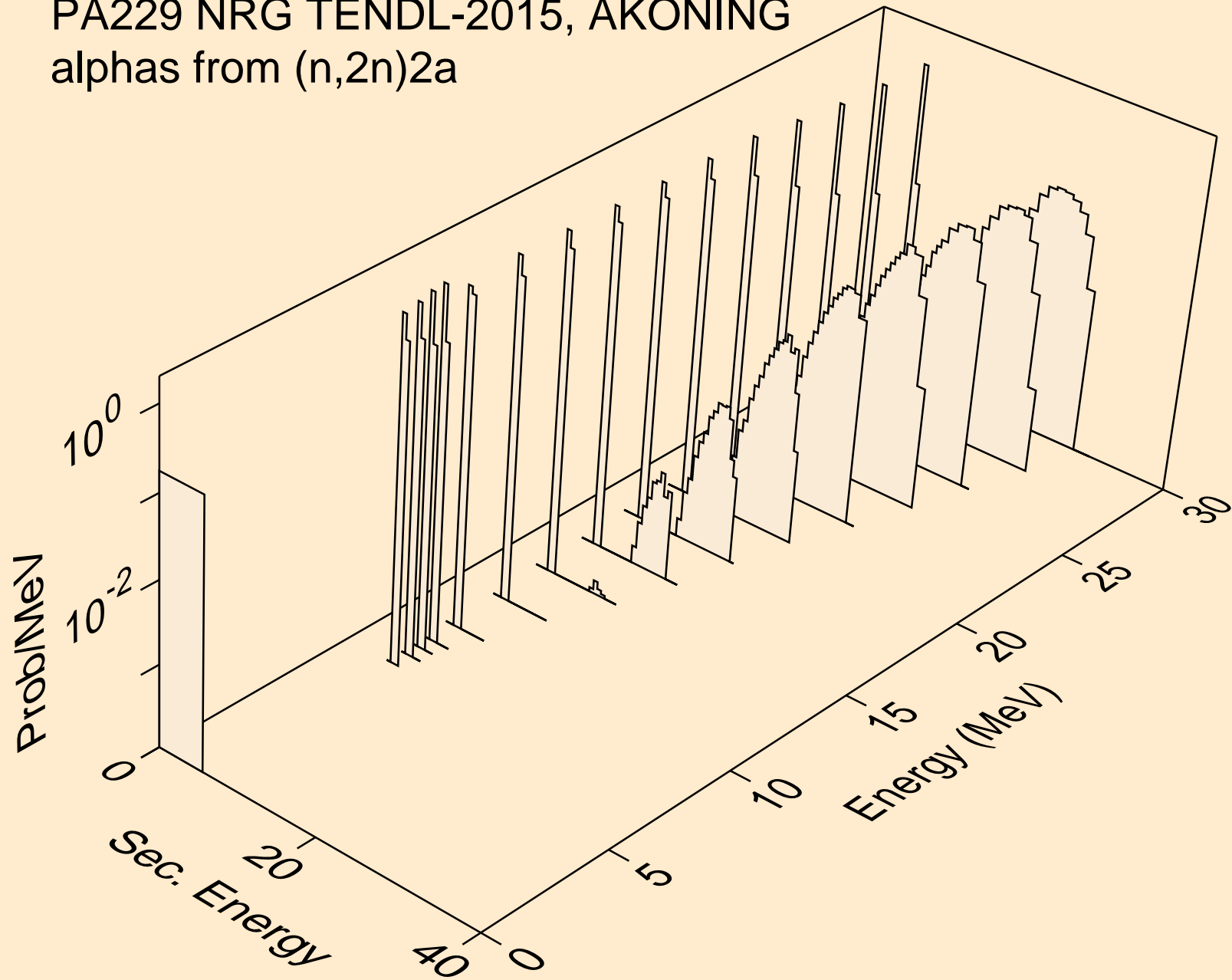
PA229 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



PA229 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a

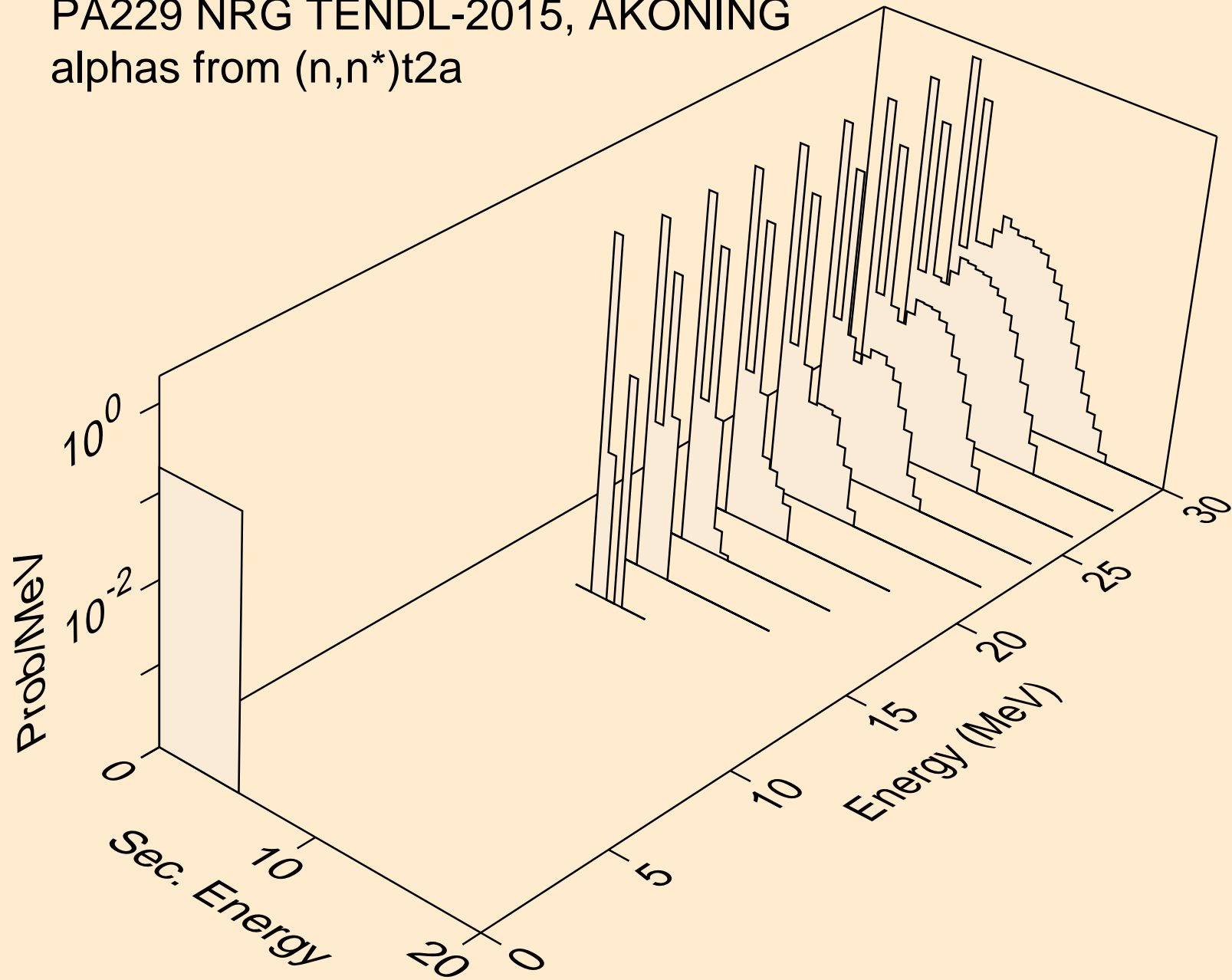


PA229 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a

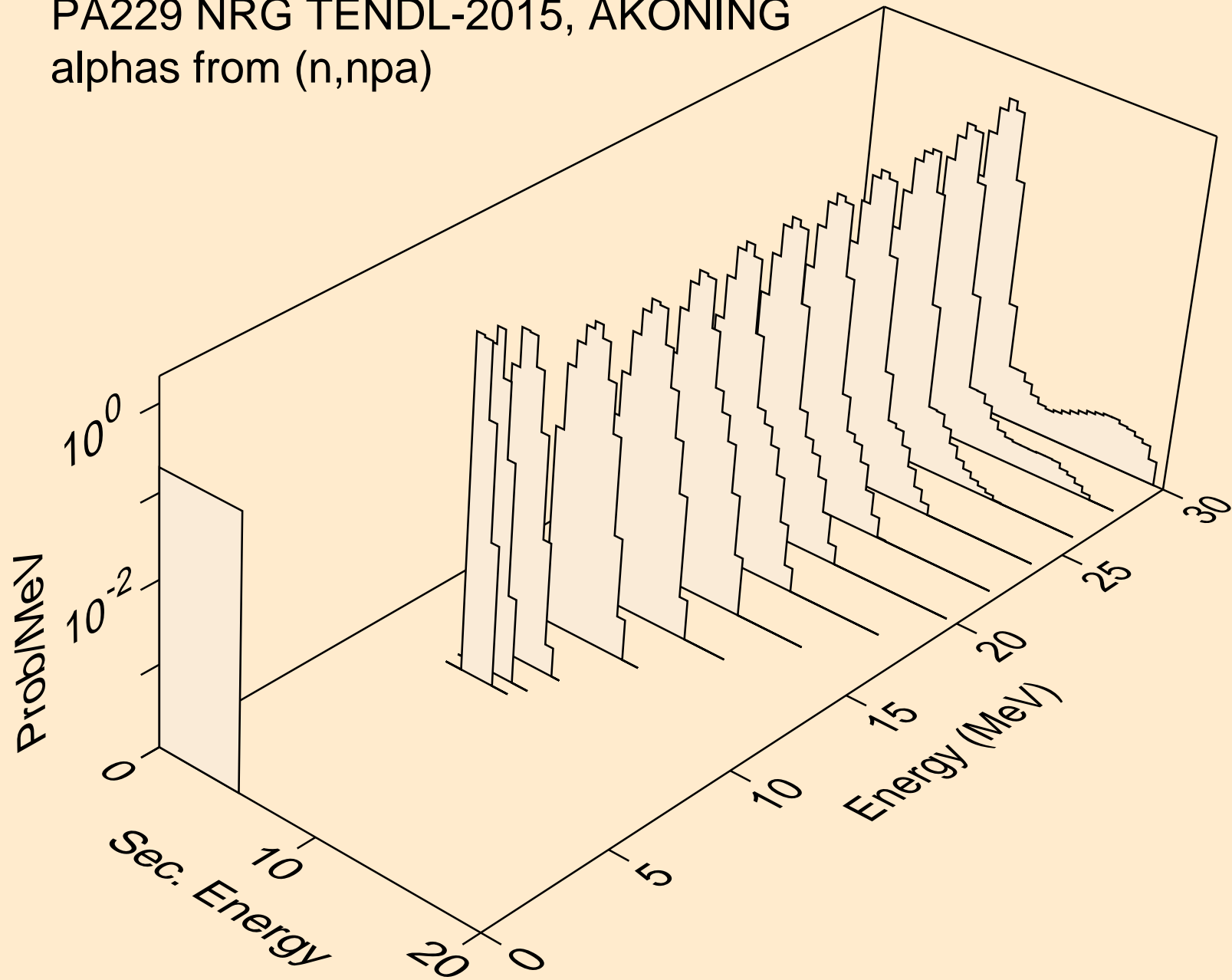




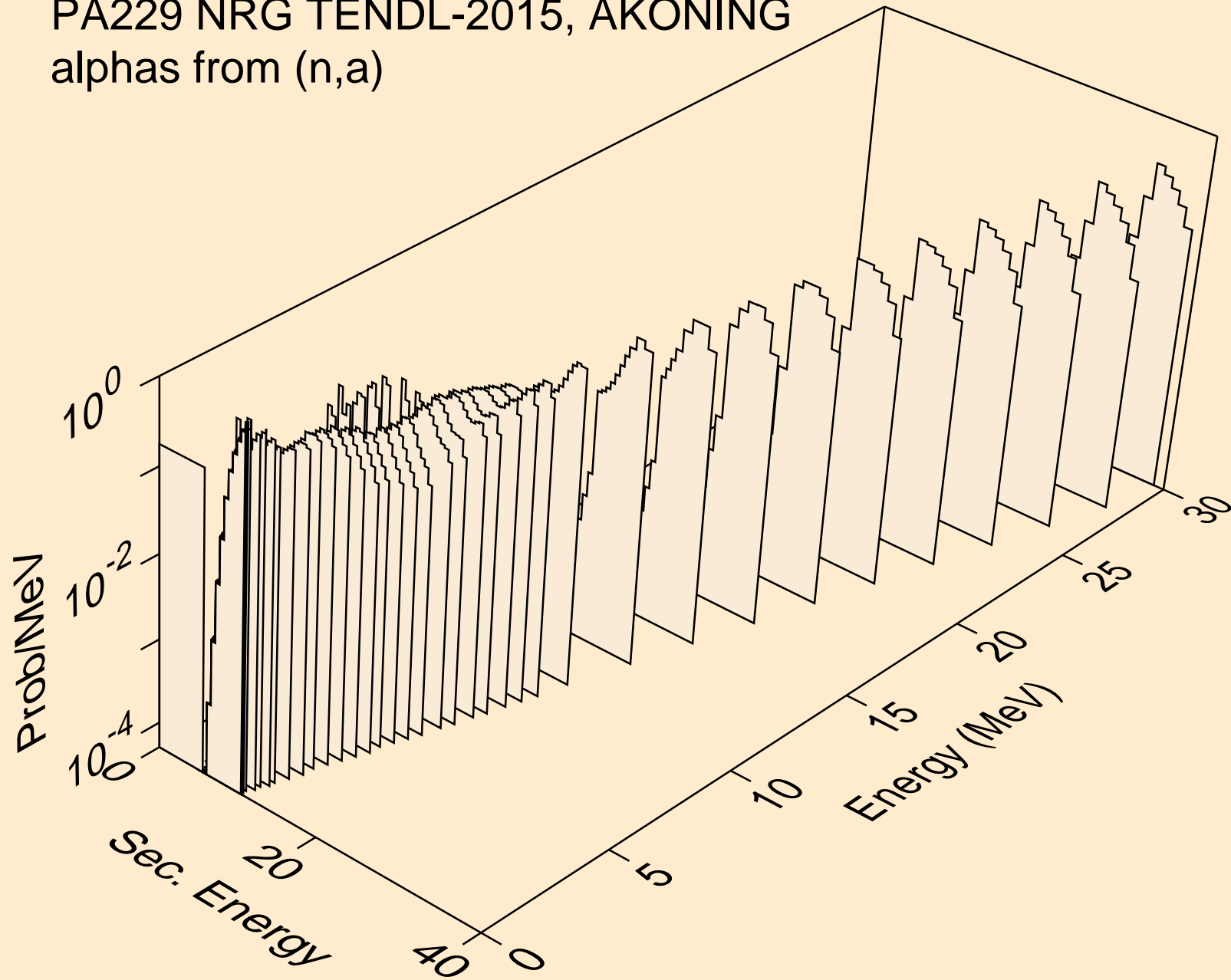
PA229 NRG TENDL-2015, AKONING  
alphas from (n,n\*)t2a



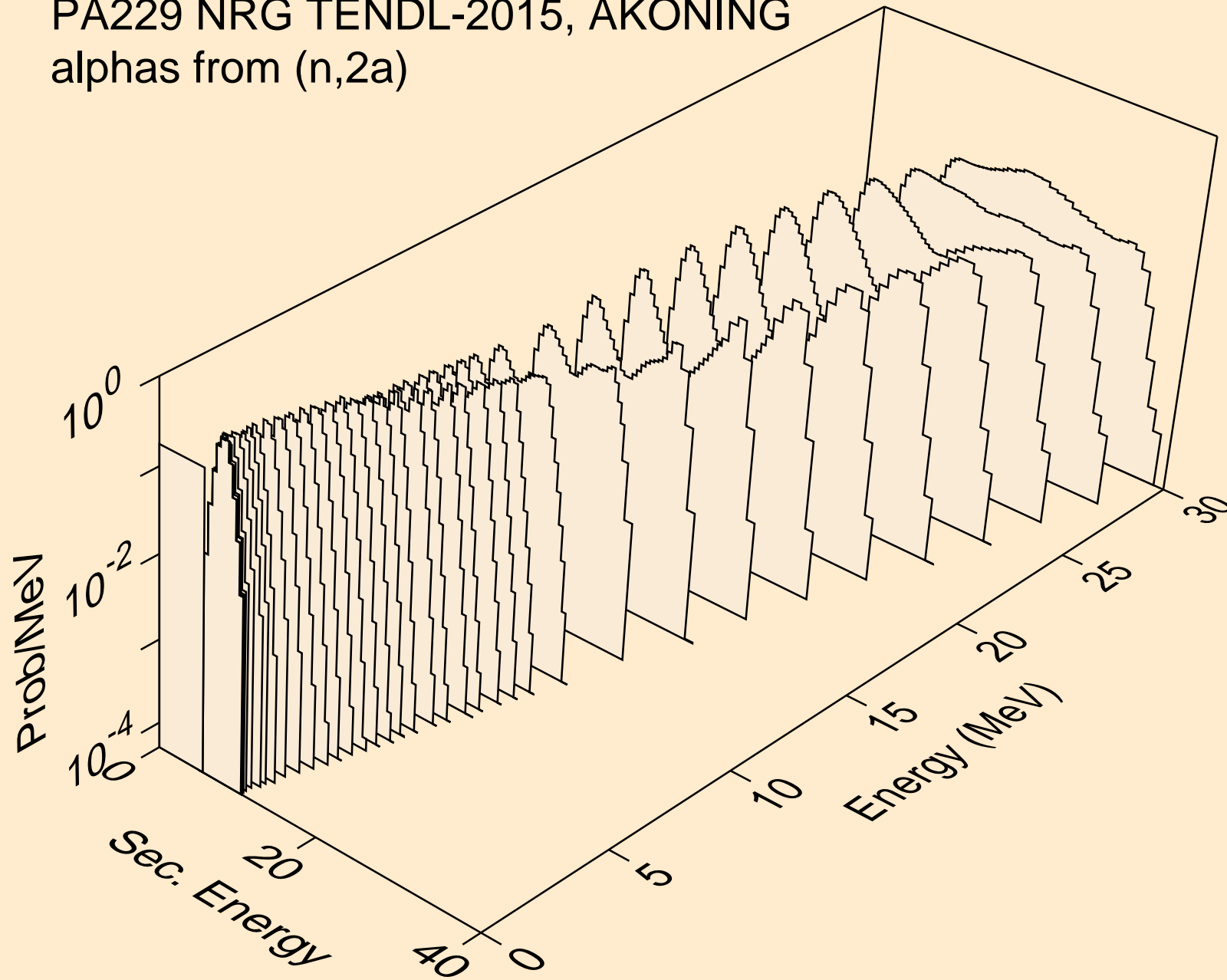
PA229 NRG TENDL-2015, AKONING  
alphas from (n,npa)



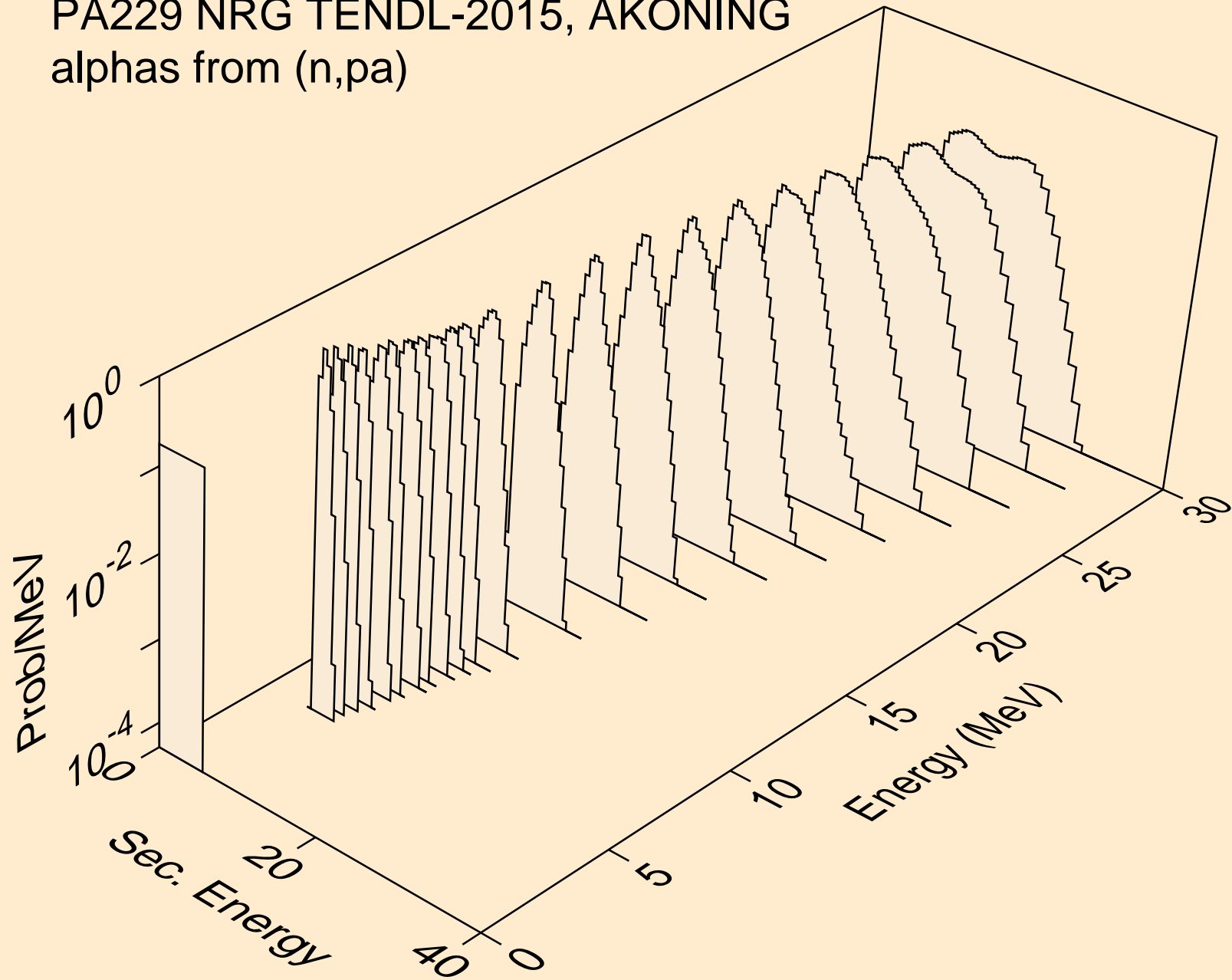
PA229 NRG TENDL-2015, AKONING  
alphas from (n,a)



PA229 NRG TENDL-2015, AKONING  
alphas from (n,2a)



PA229 NRG TENDL-2015, AKONING  
alphas from (n,pa)



PA229 NRG TENDL-2015, AKONING  
alphas from (n,da)

