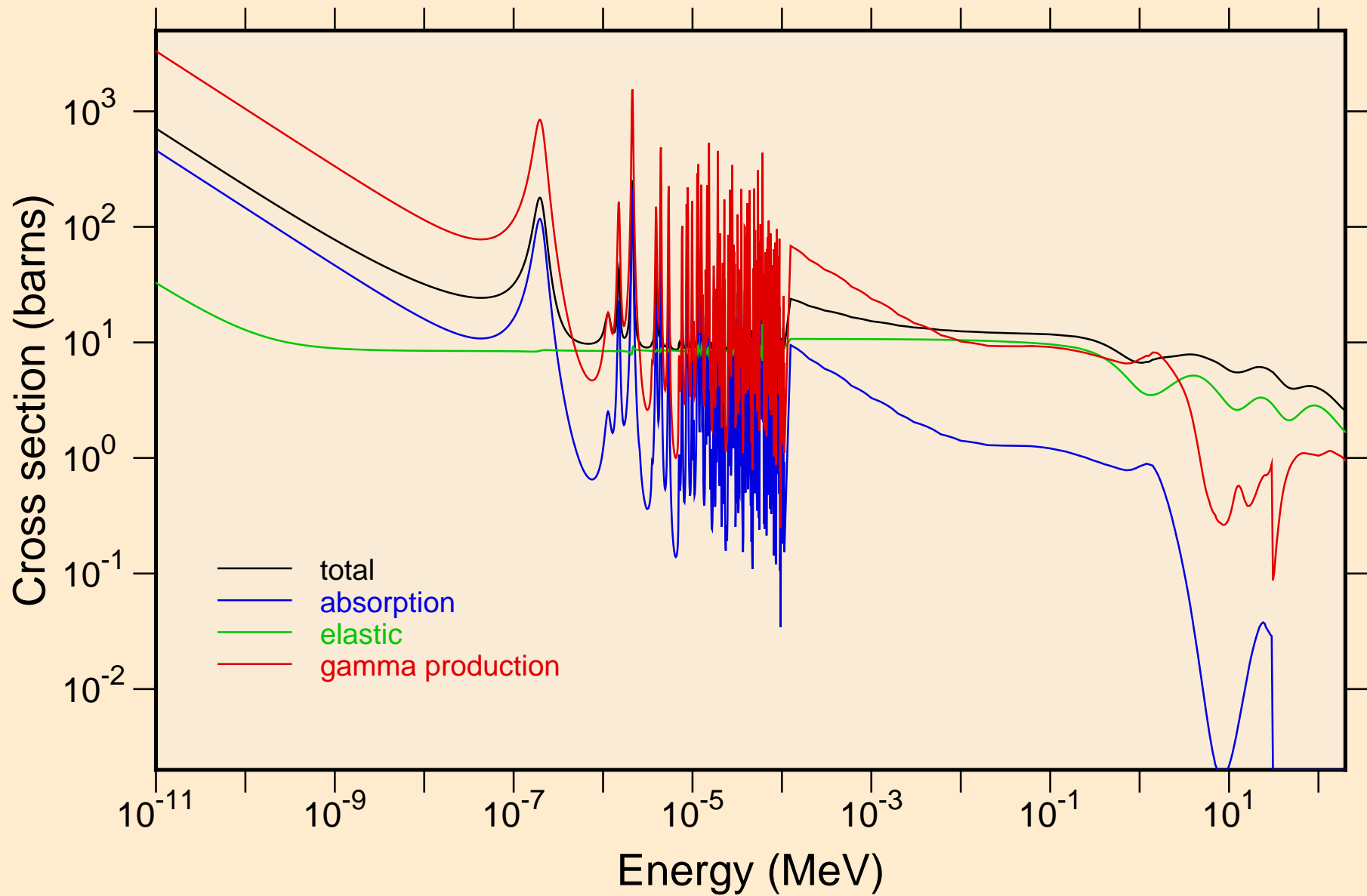
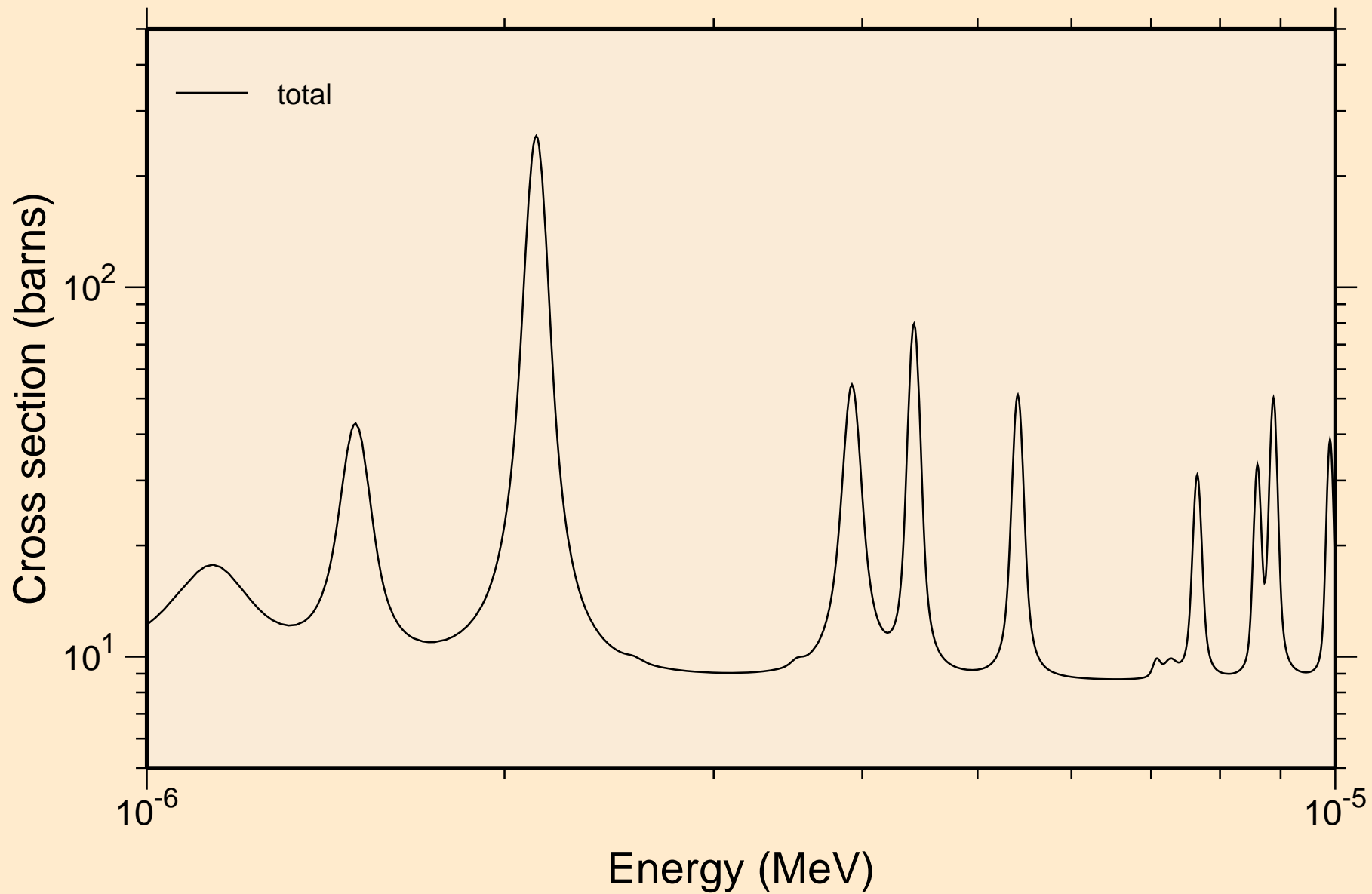


# NP233 NRG TENDL-2015, AKONING

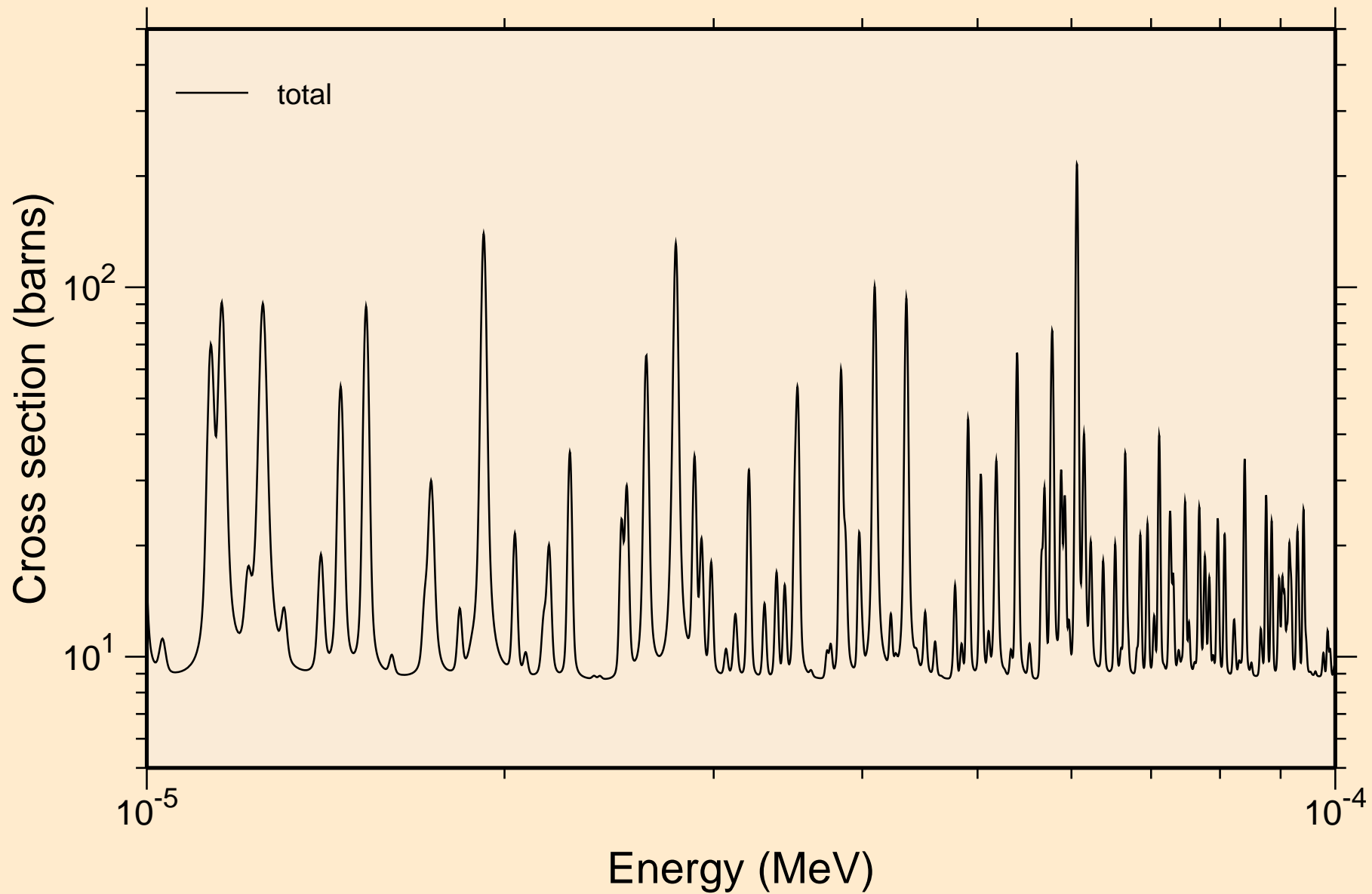
## Principal cross sections



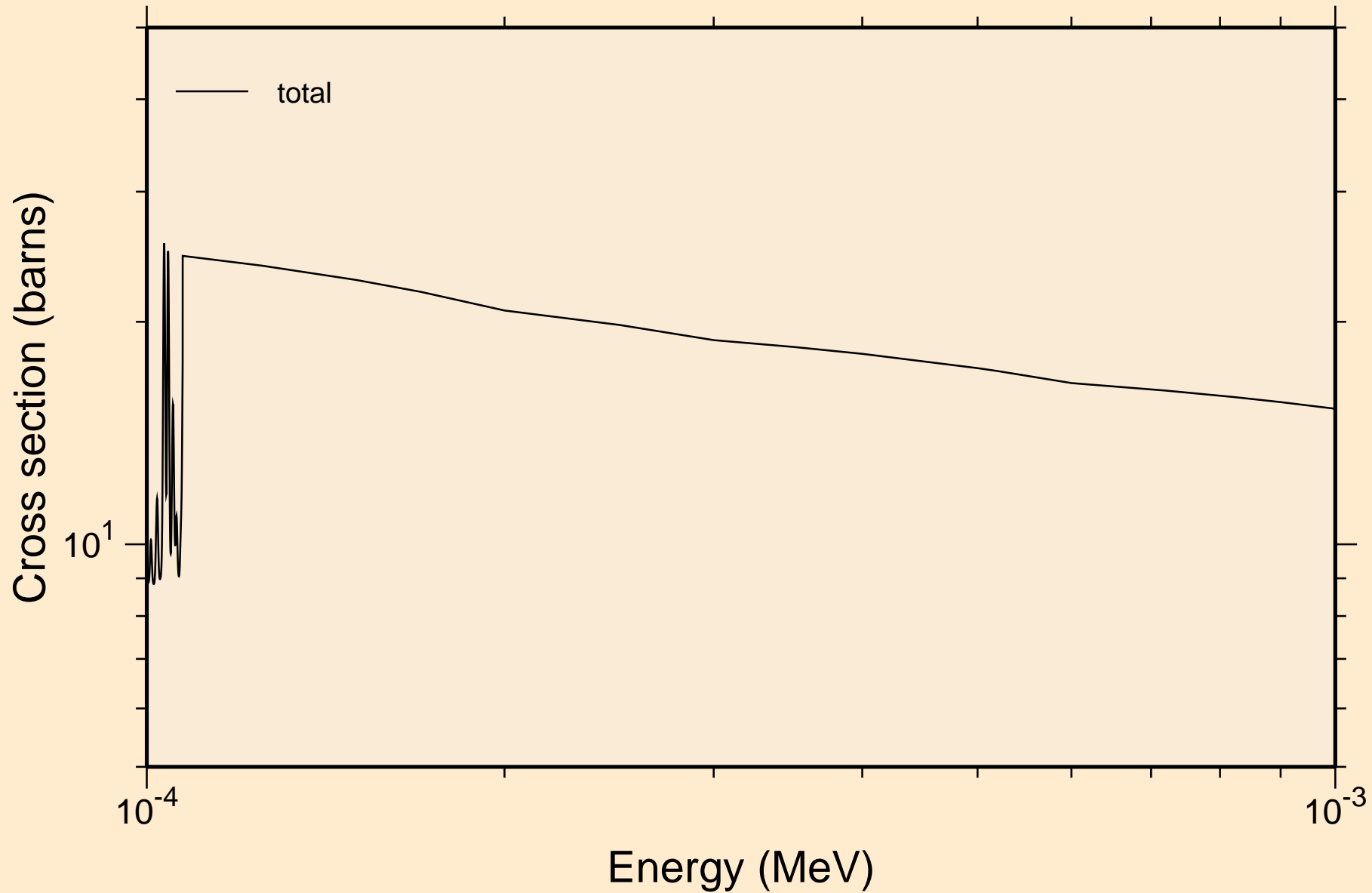
NP233 NRG TENDL-2015, AKONING  
resonance total cross section



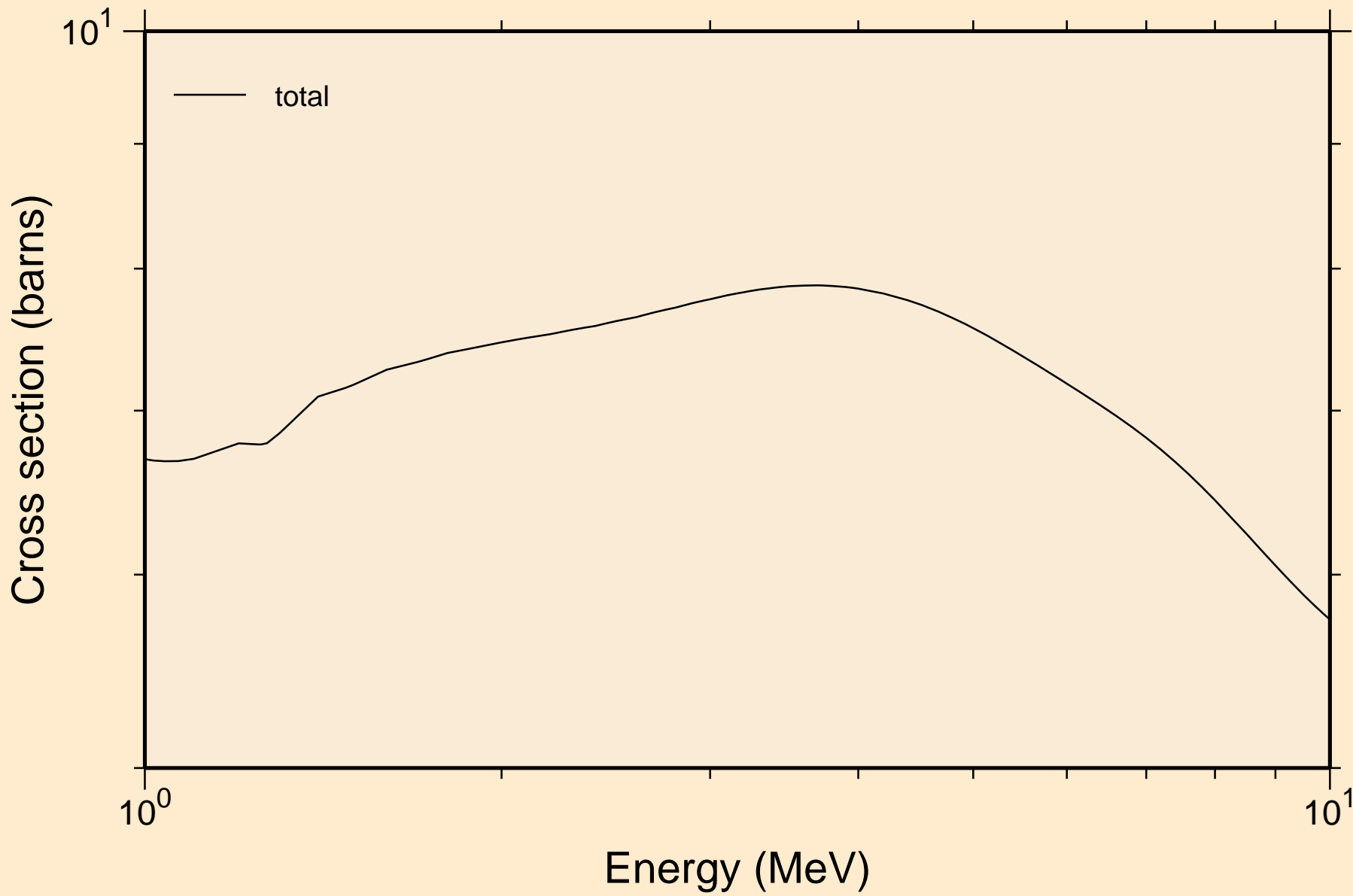
NP233 NRG TENDL-2015, AKONING  
resonance total cross section



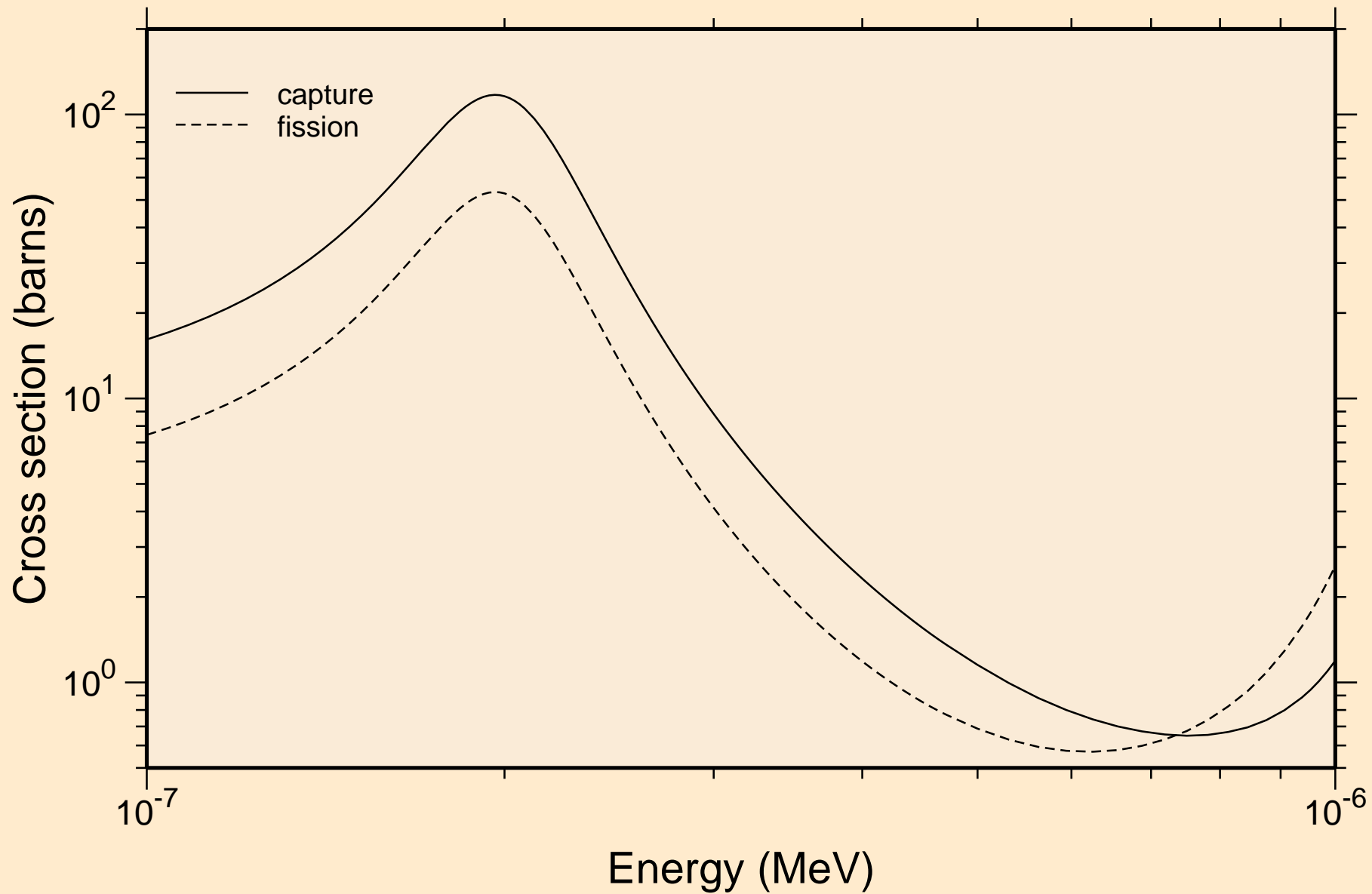
NP233 NRG TENDL-2015, AKONING  
resonance total cross section



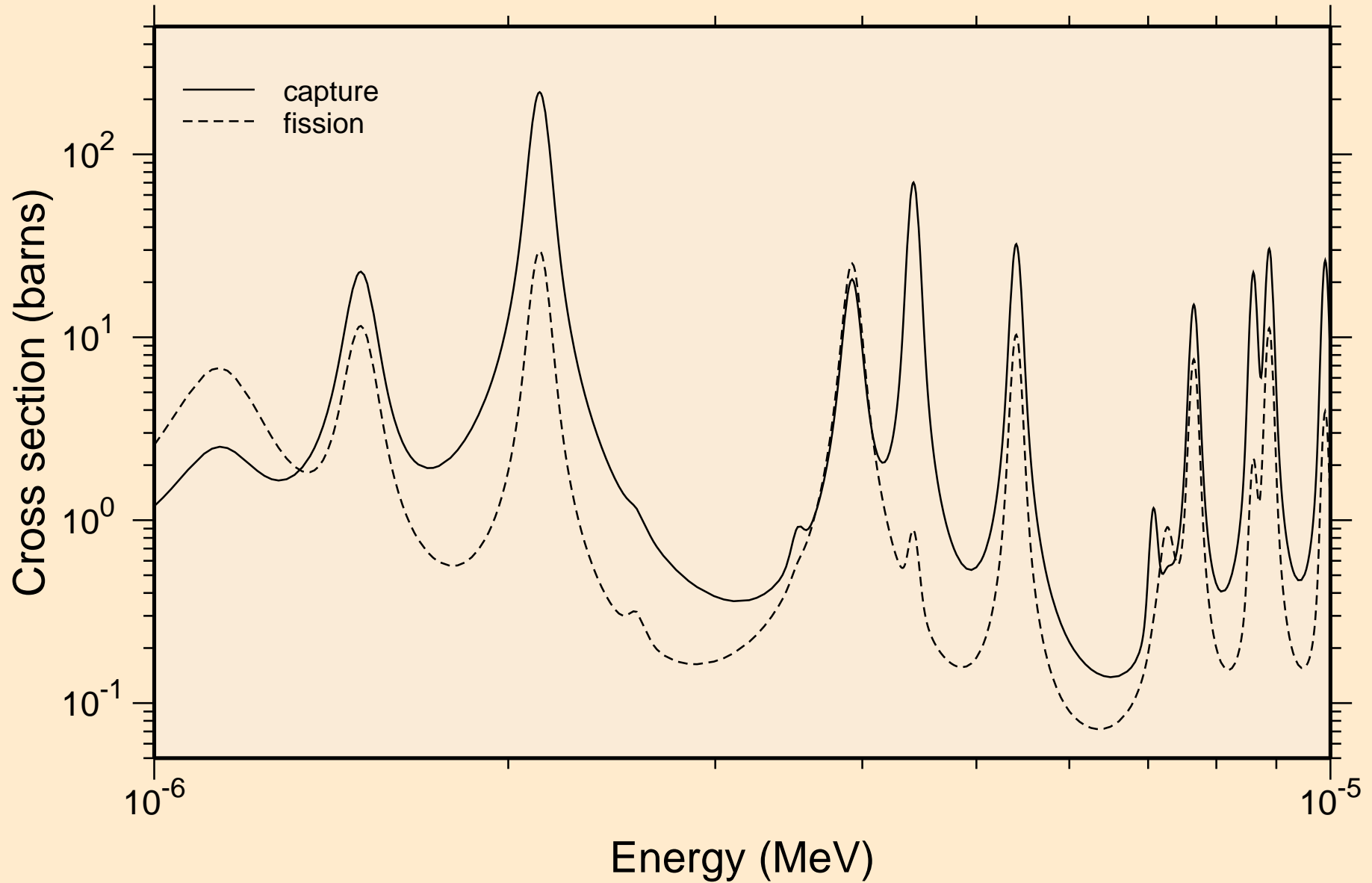
NP233 NRG TENDL-2015, AKONING  
resonance total cross section



NP233 NRG TENDL-2015, AKONING  
resonance absorption cross sections

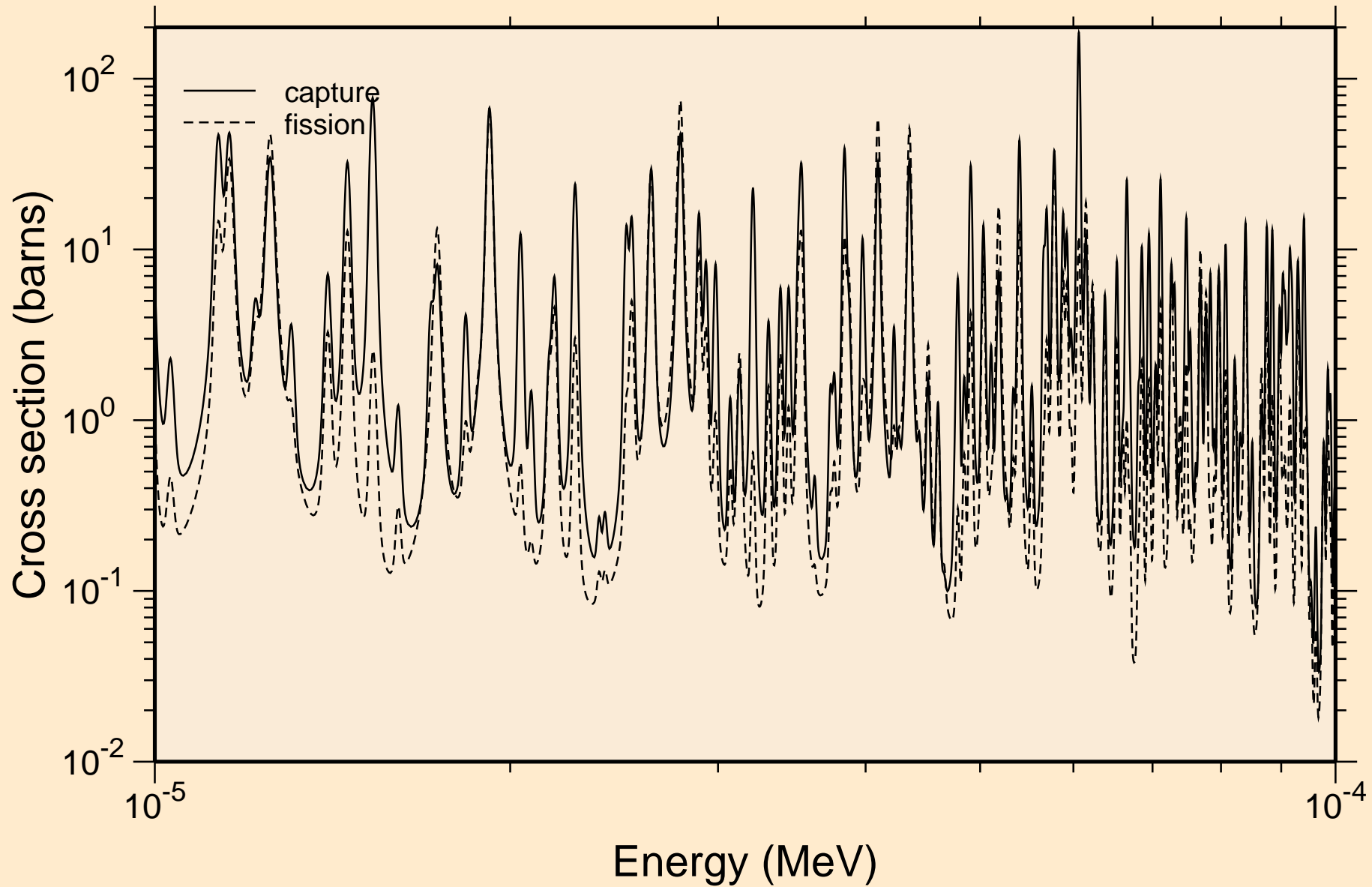


NP233 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# NP233 NRG TENDL-2015, AKONING

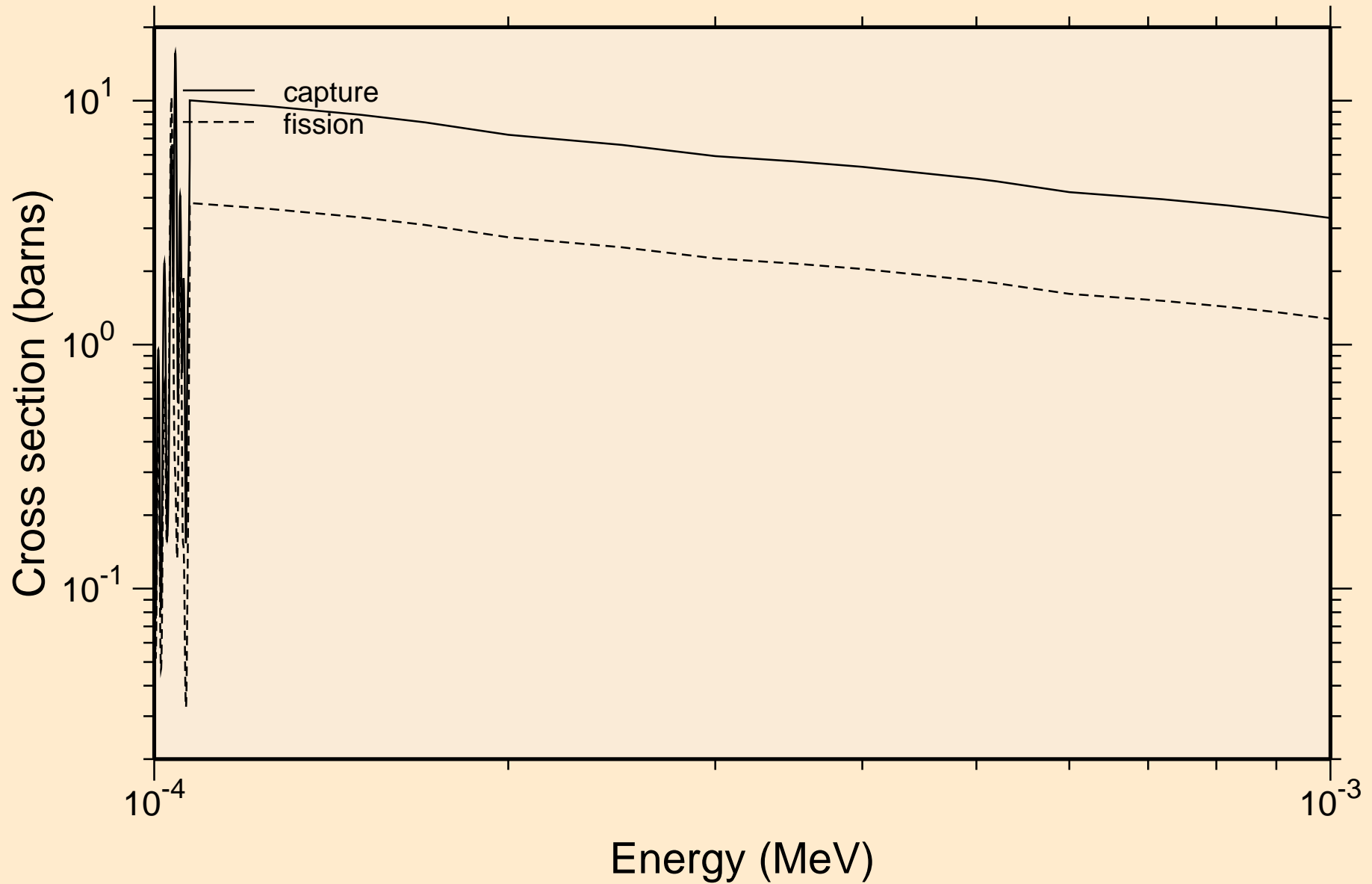
## resonance absorption cross sections





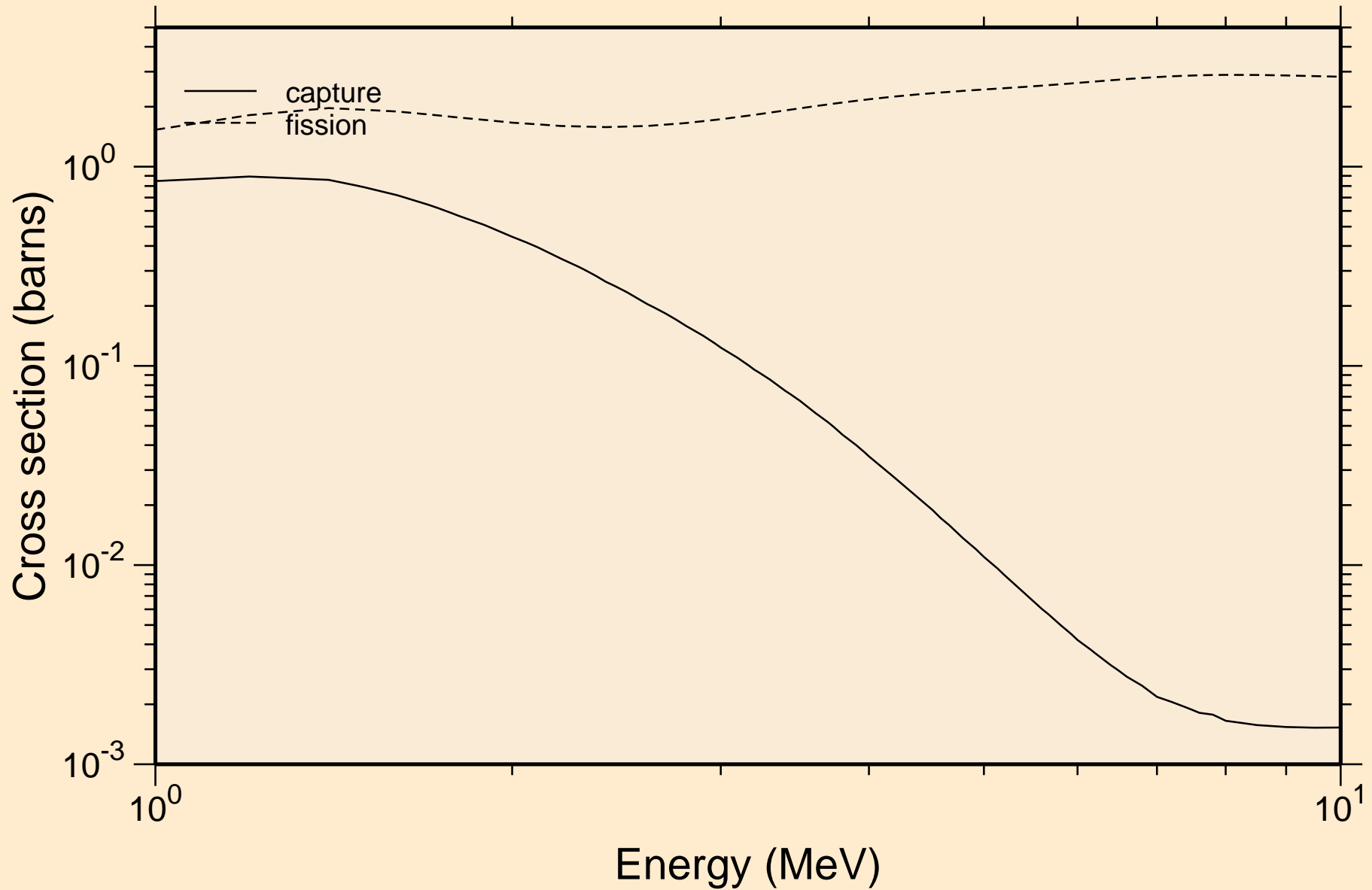
# NP233 NRG TENDL-2015, AKONING

## resonance absorption cross sections



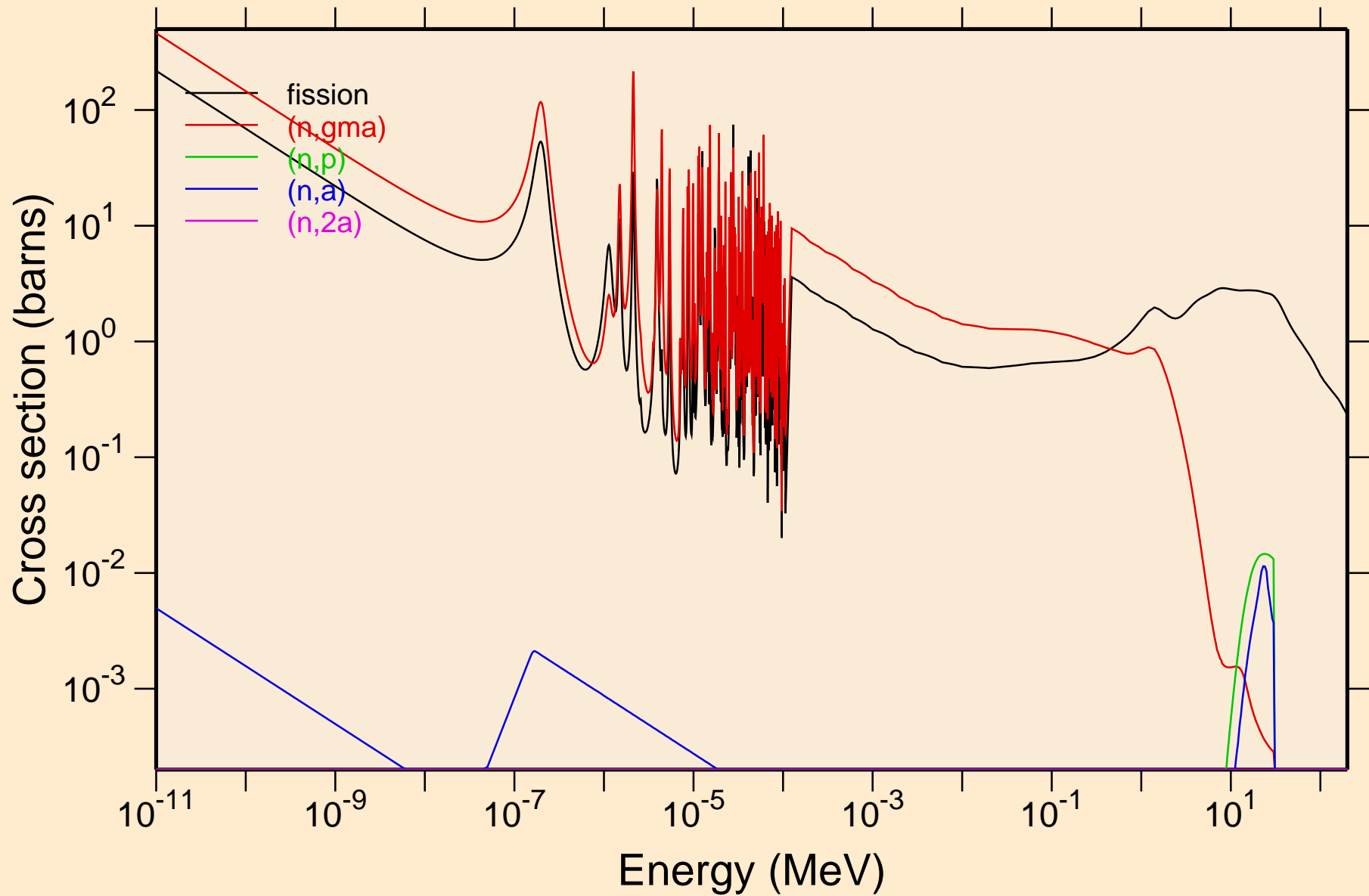
# NP233 NRG TENDL-2015, AKONING

## resonance absorption cross sections



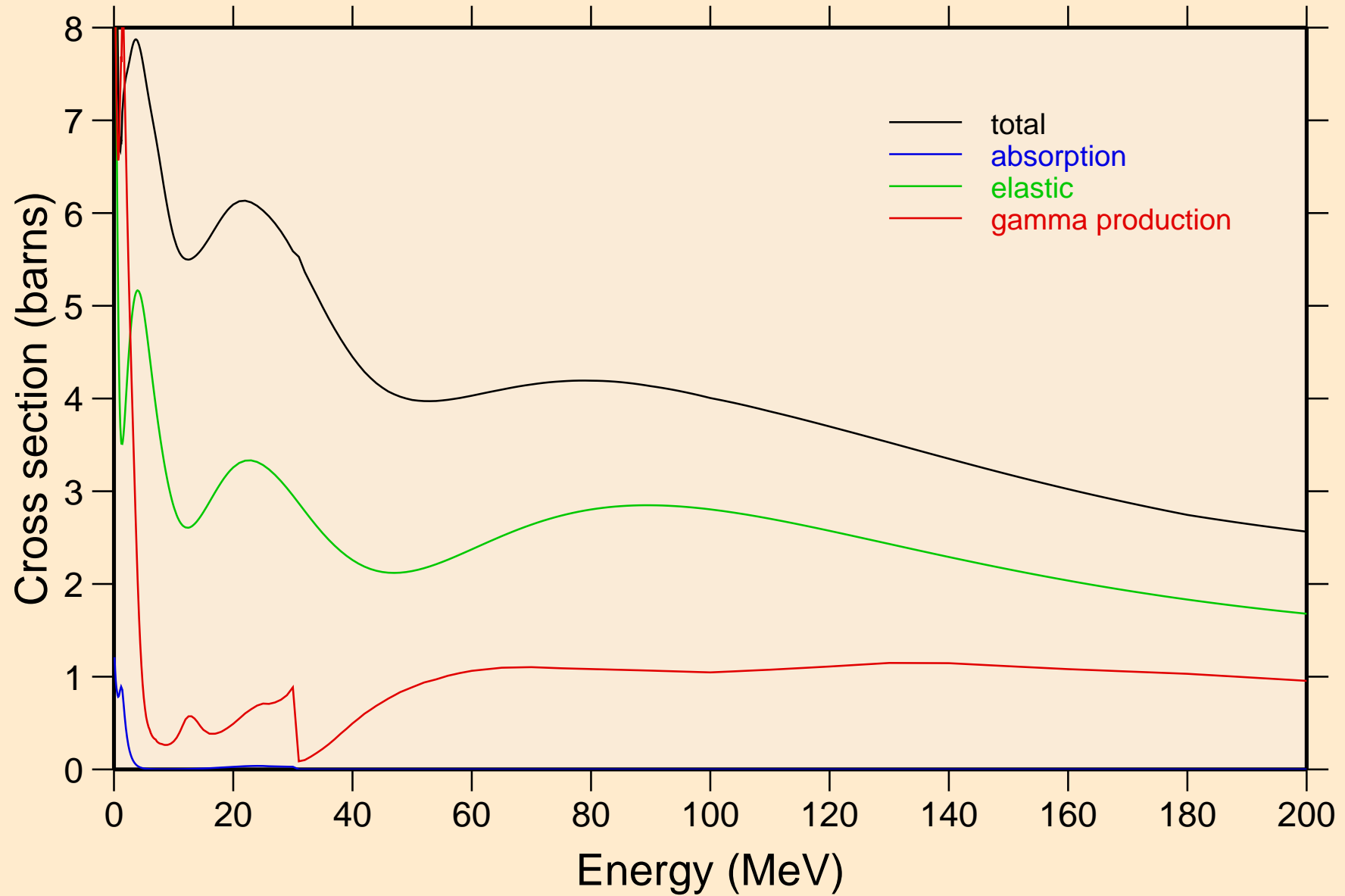
# NP233 NRG TENDL-2015, AKONING

## Non-threshold reactions



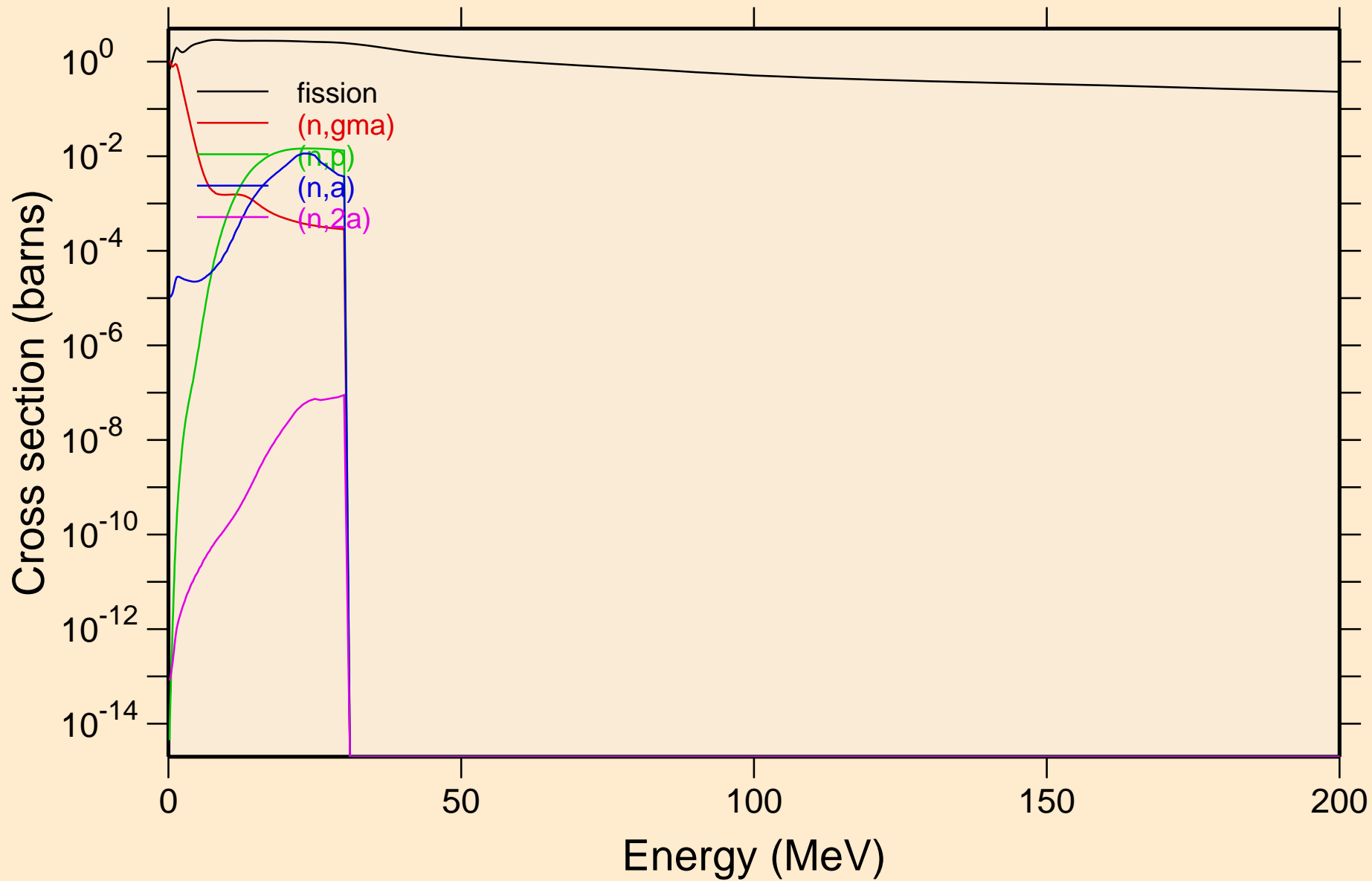
# NP233 NRG TENDL-2015, AKONING

## Principal cross sections



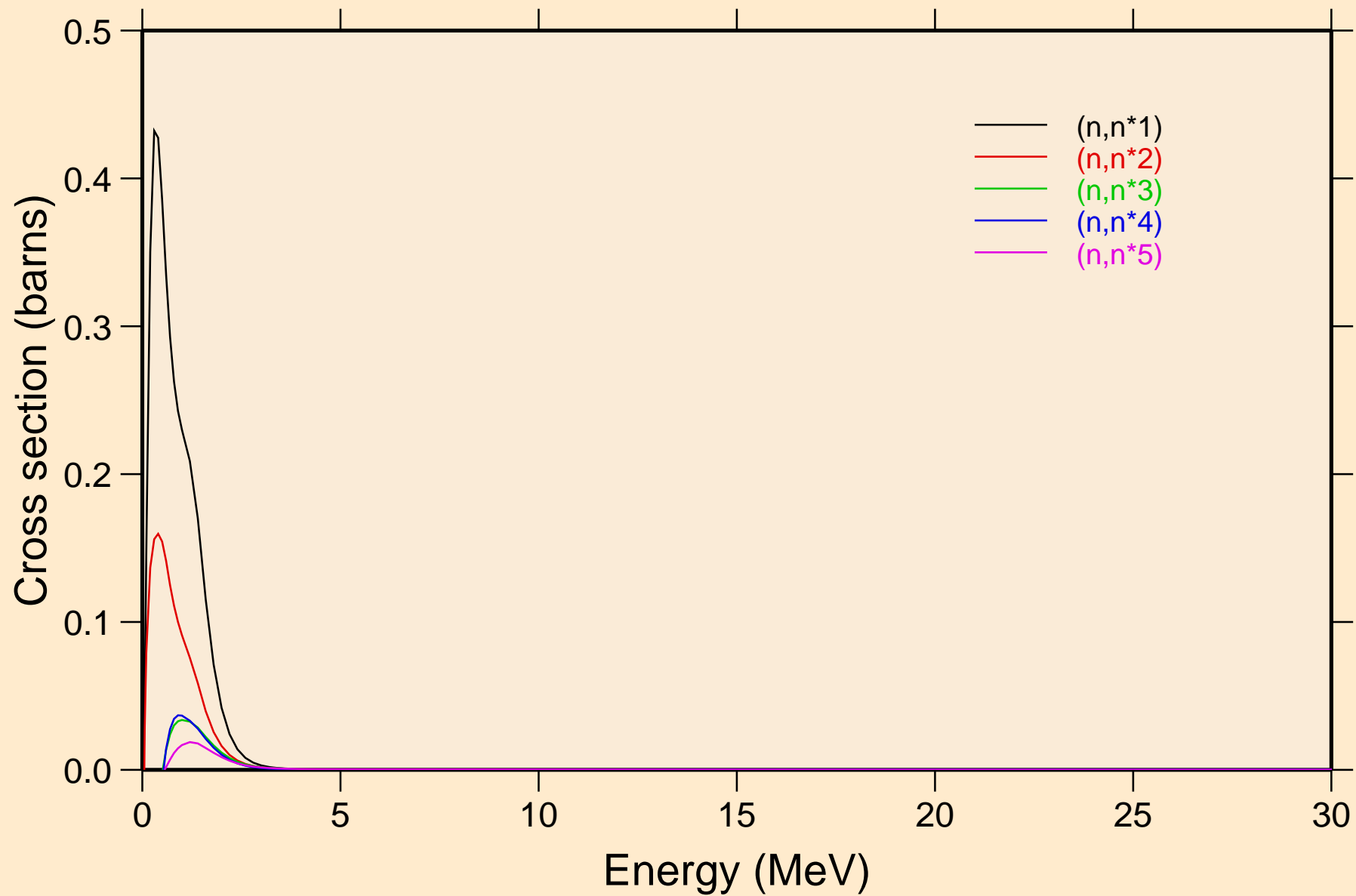
# NP233 NRG TENDL-2015, AKONING

## Non-threshold reactions



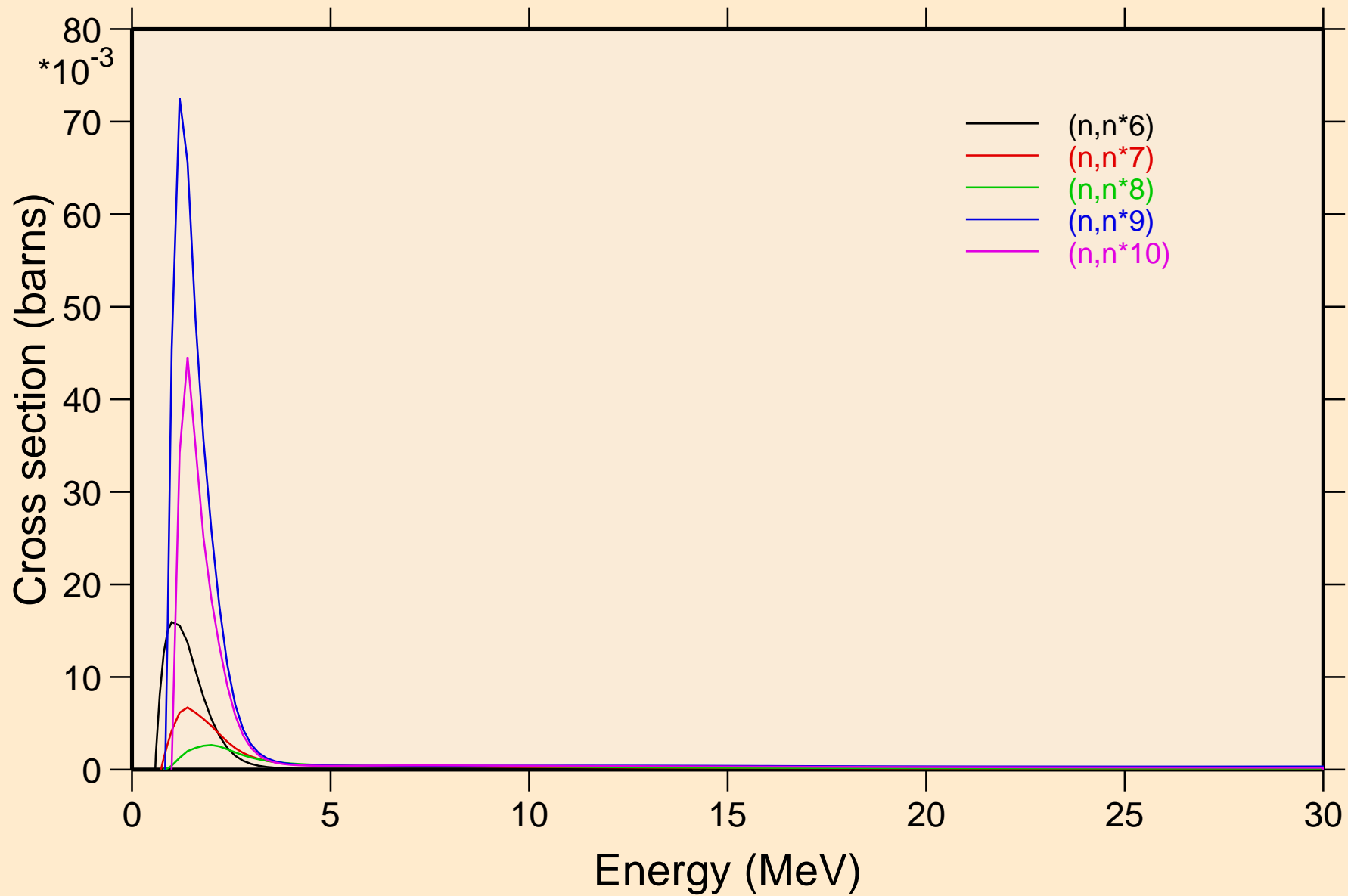
# NP233 NRG TENDL-2015, AKONING

## Inelastic levels



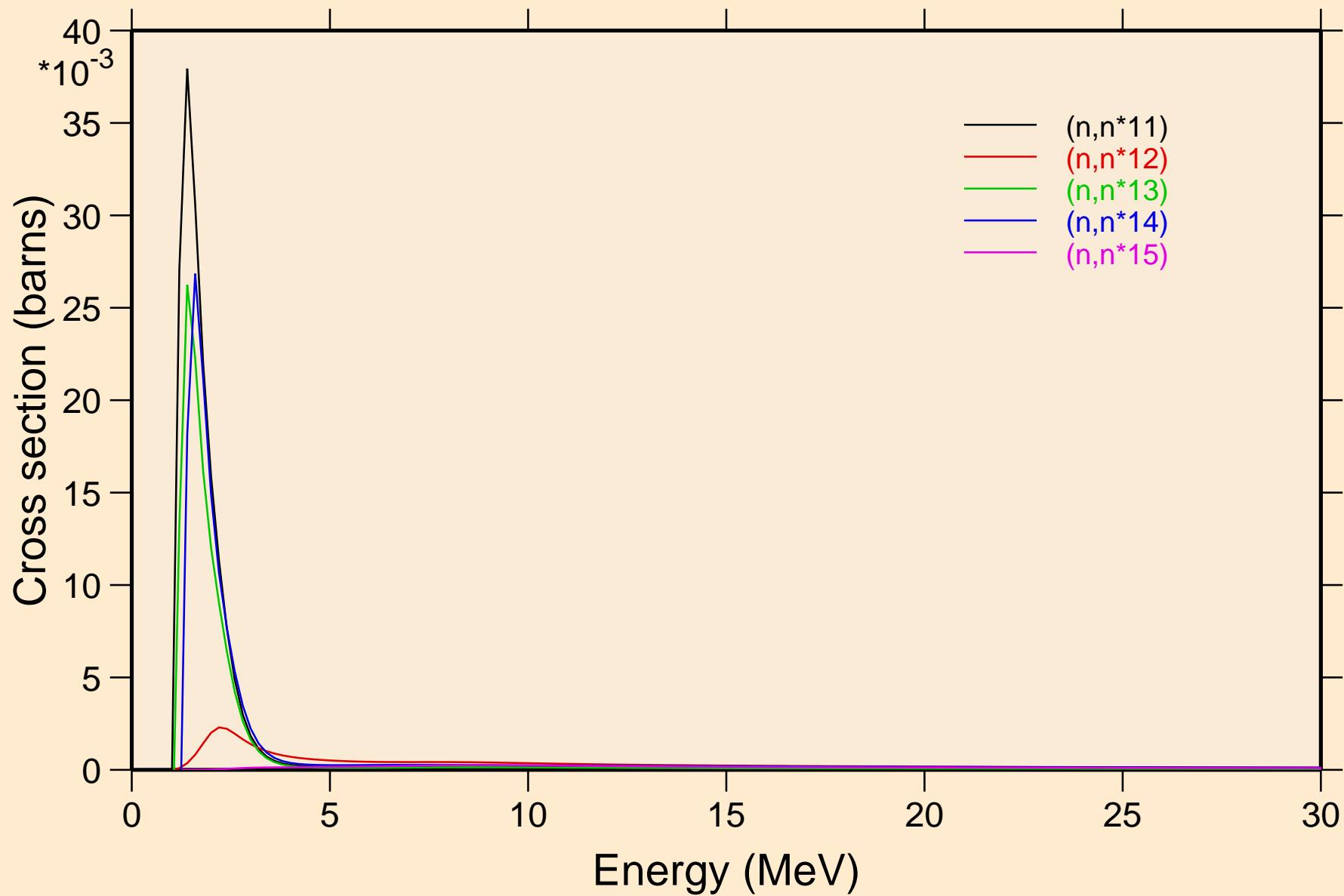
# NP233 NRG TENDL-2015, AKONING

## Inelastic levels



# NP233 NRG TENDL-2015, AKONING

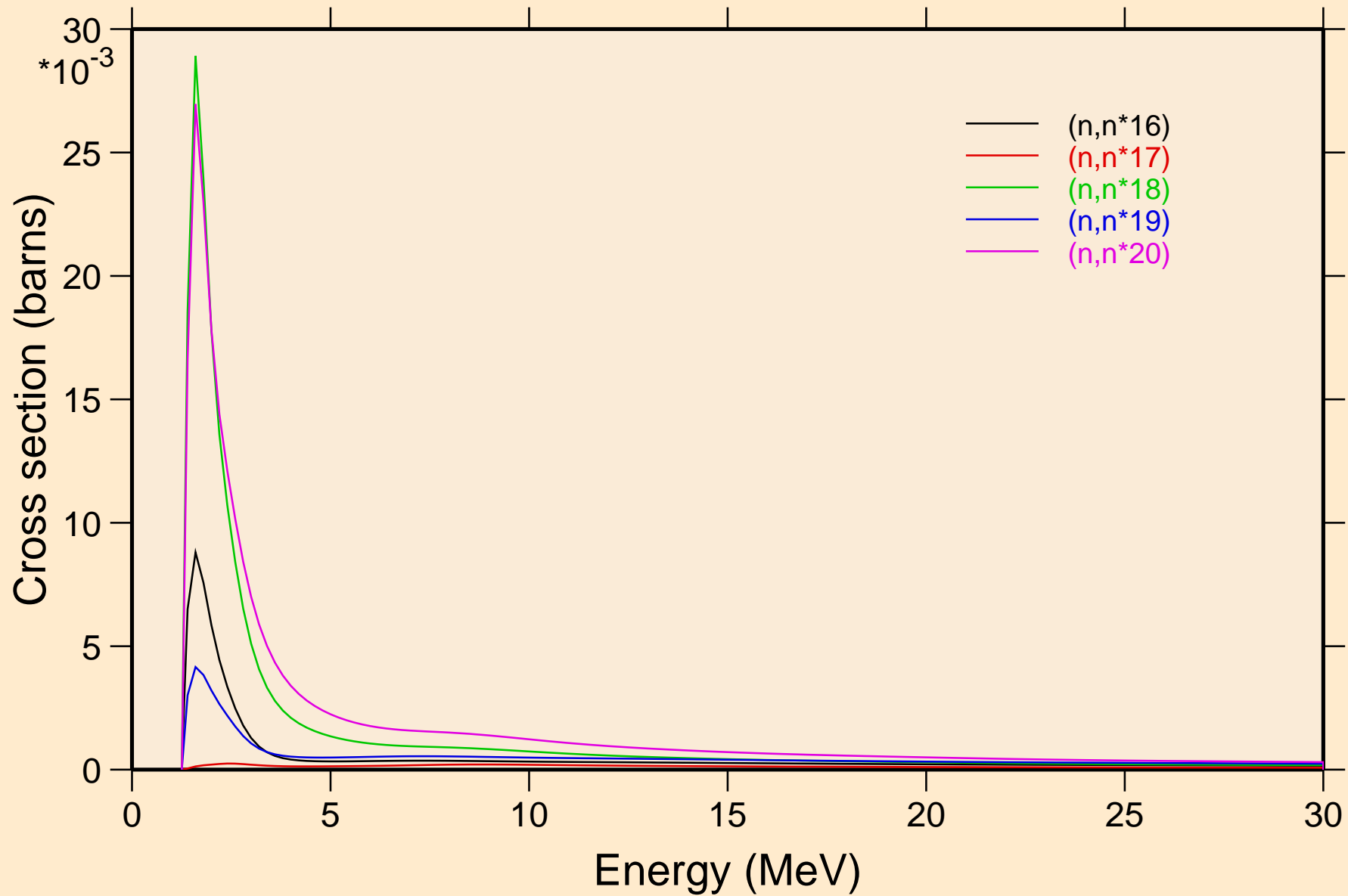
## Inelastic levels





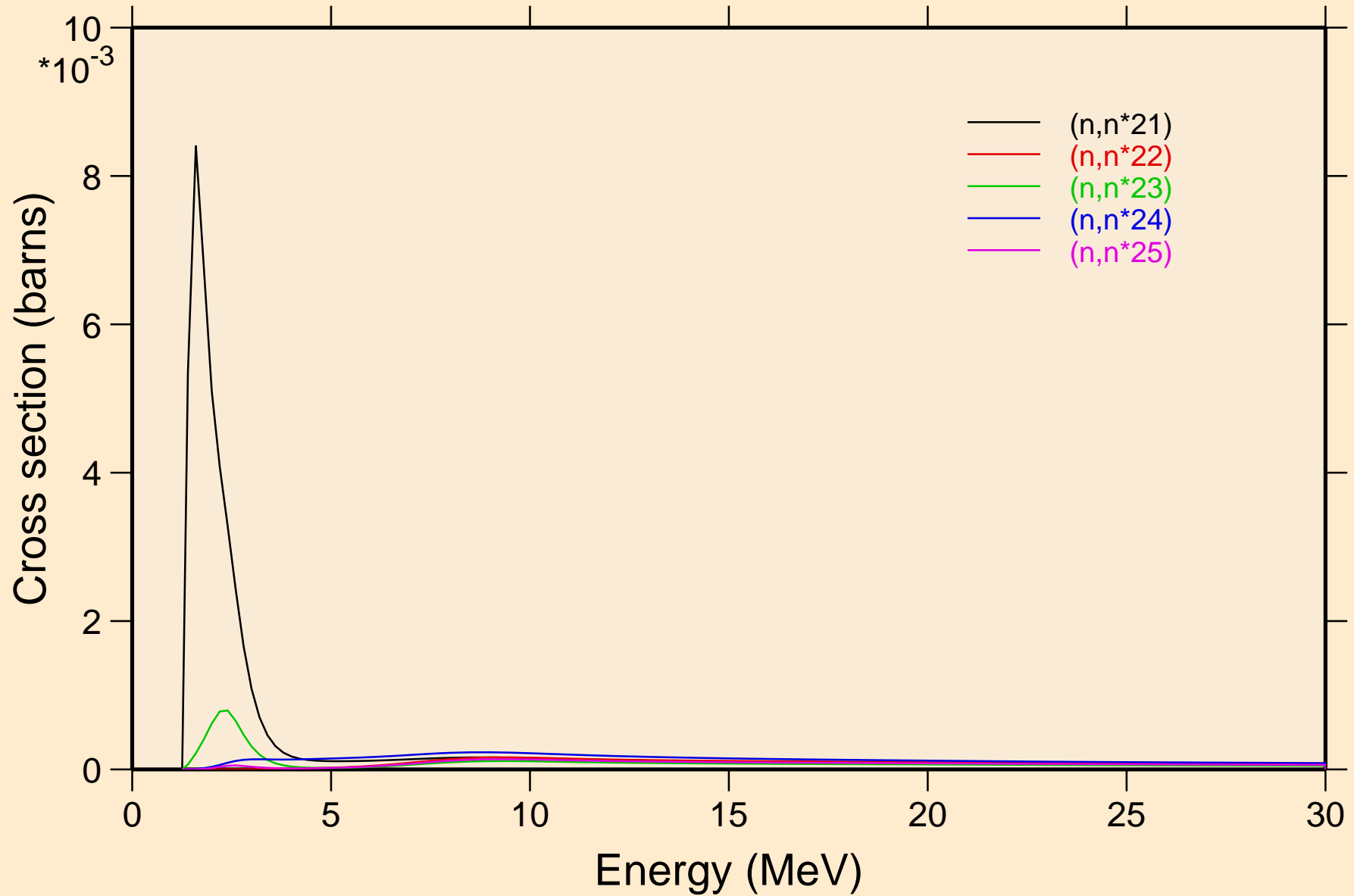
# NP233 NRG TENDL-2015, AKONING

## Inelastic levels



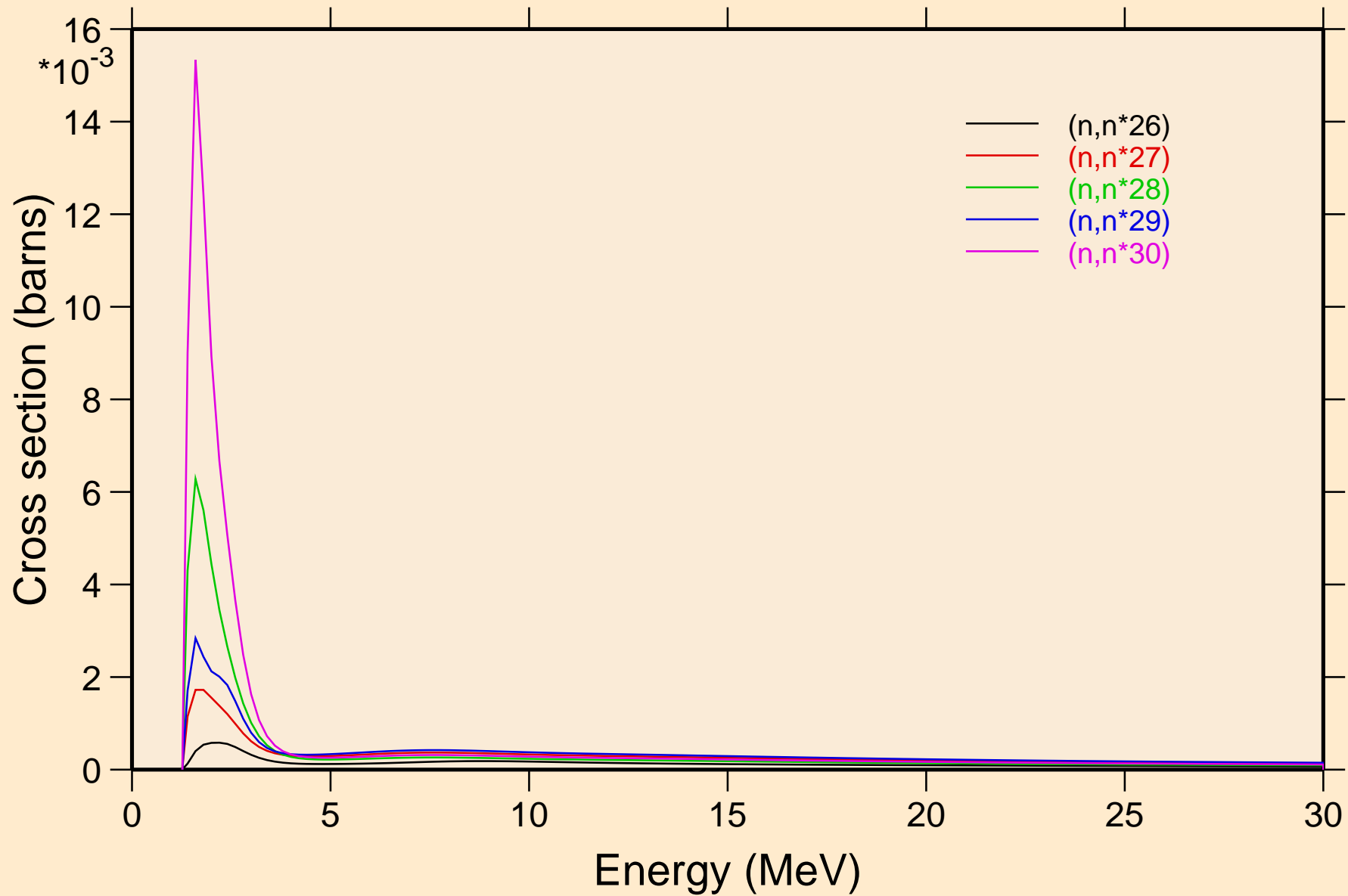
# NP233 NRG TENDL-2015, AKONING

## Inelastic levels



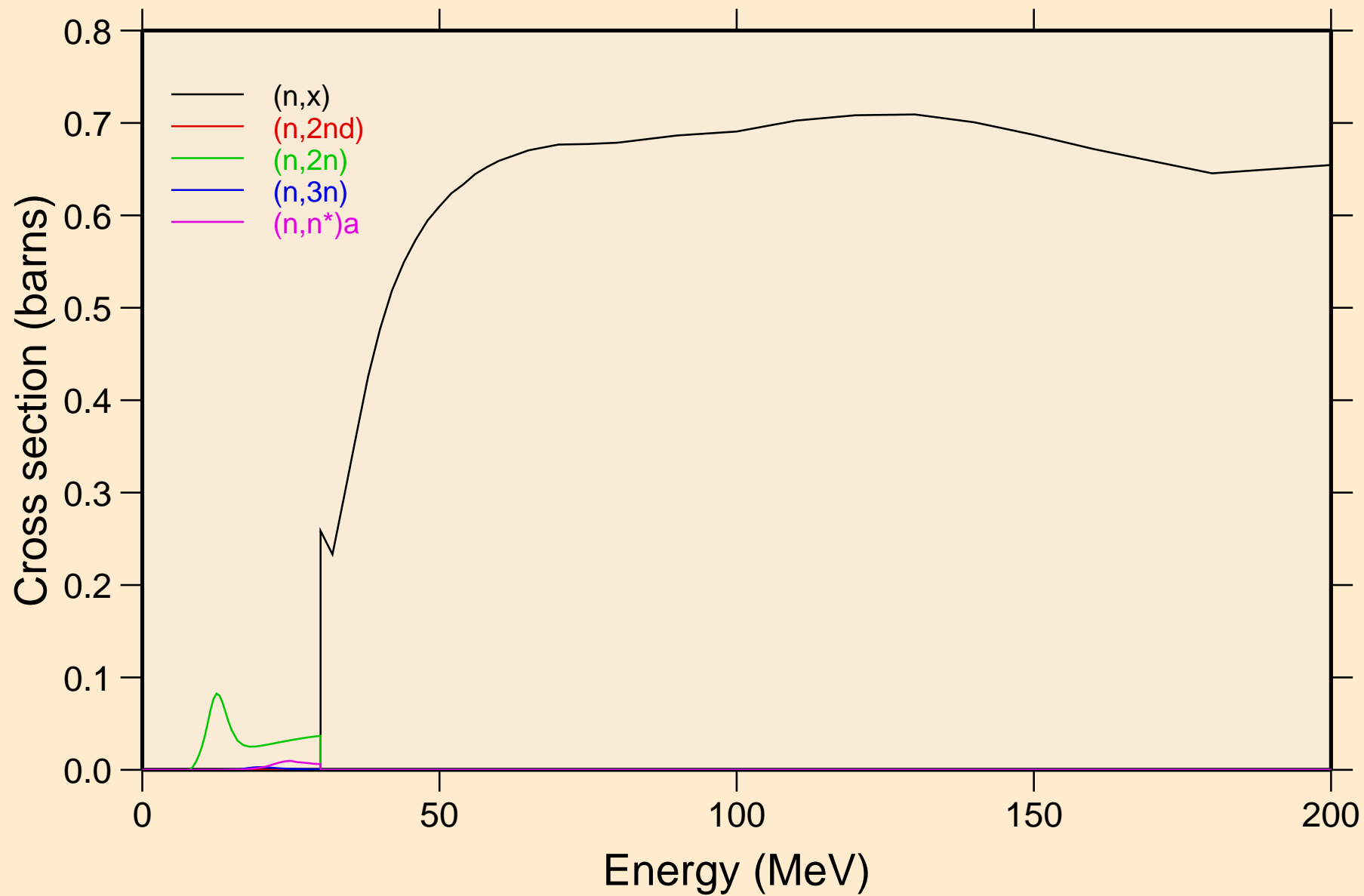
# NP233 NRG TENDL-2015, AKONING

## Inelastic levels



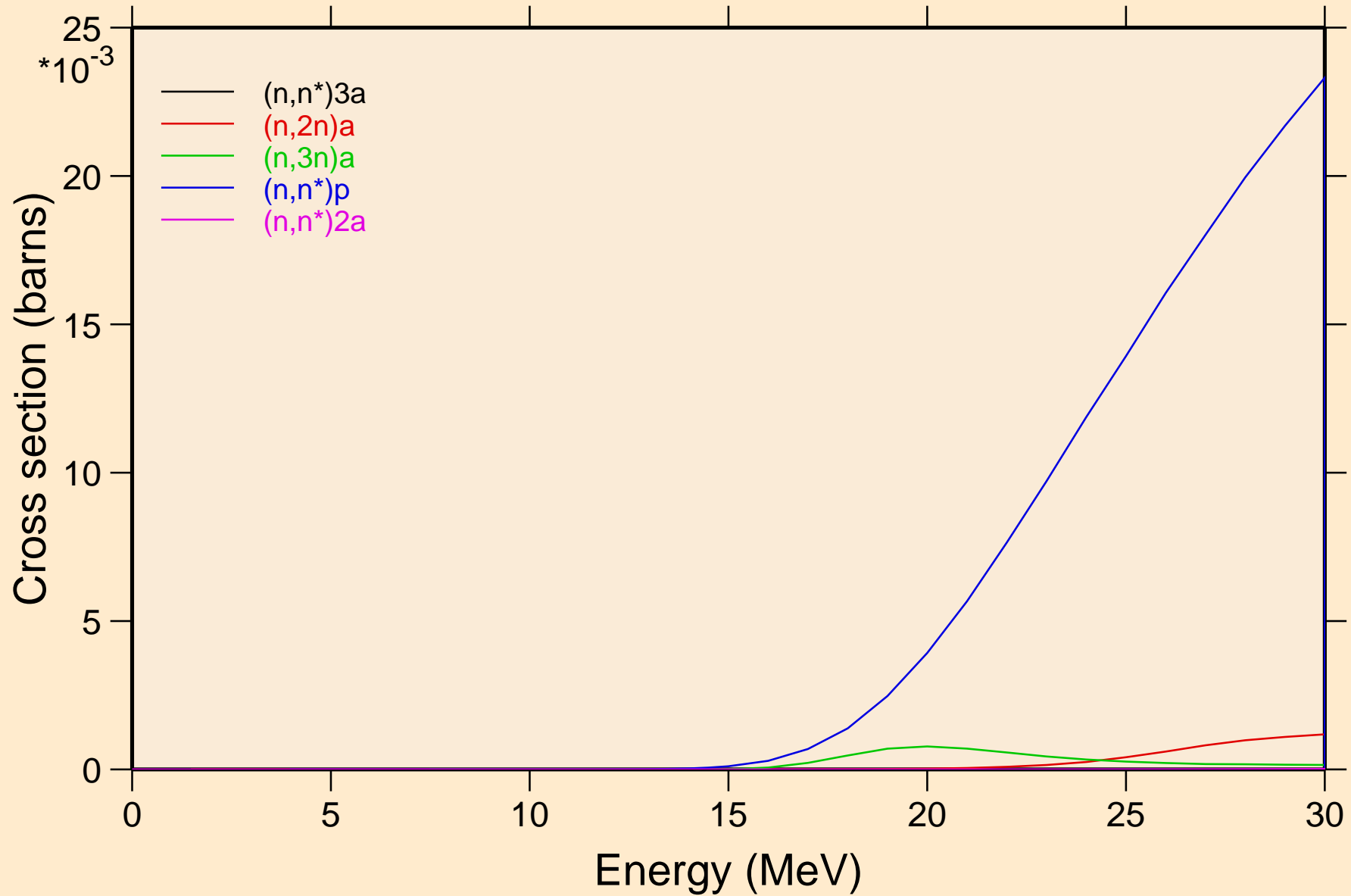
# NP233 NRG TENDL-2015, AKONING

## Threshold reactions



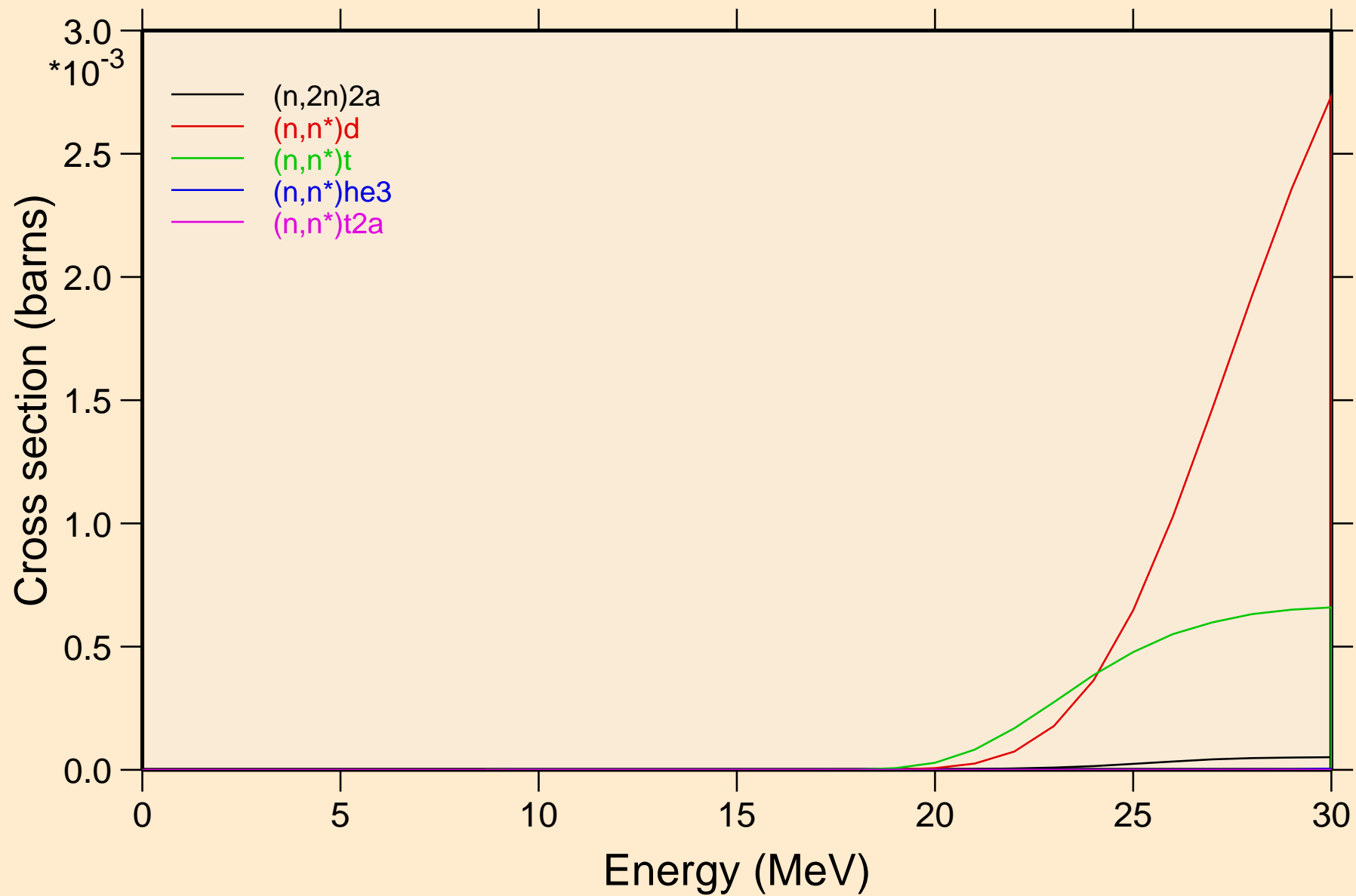
# NP233 NRG TENDL-2015, AKONING

## Threshold reactions



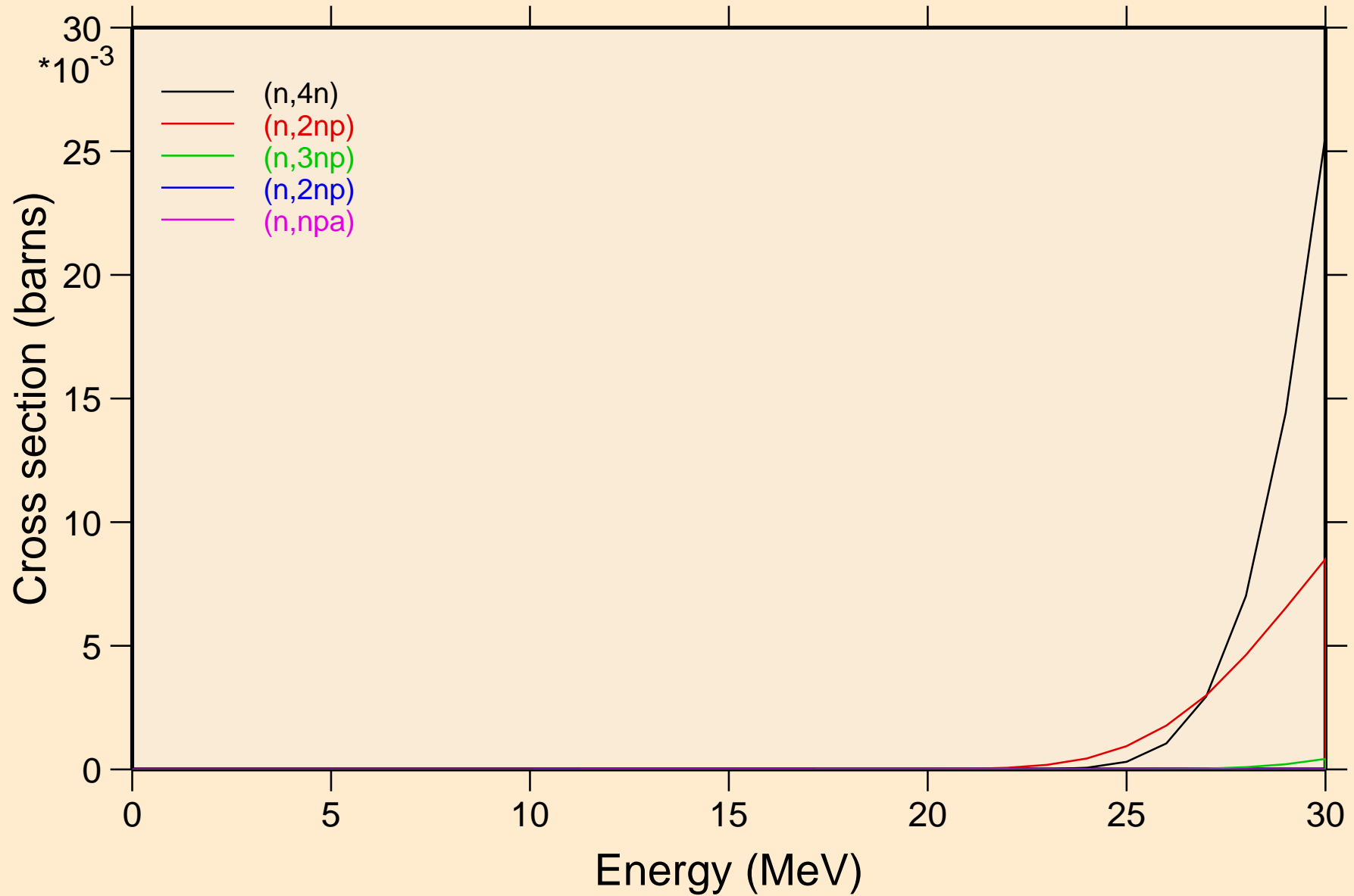
# NP233 NRG TENDL-2015, AKONING

## Threshold reactions



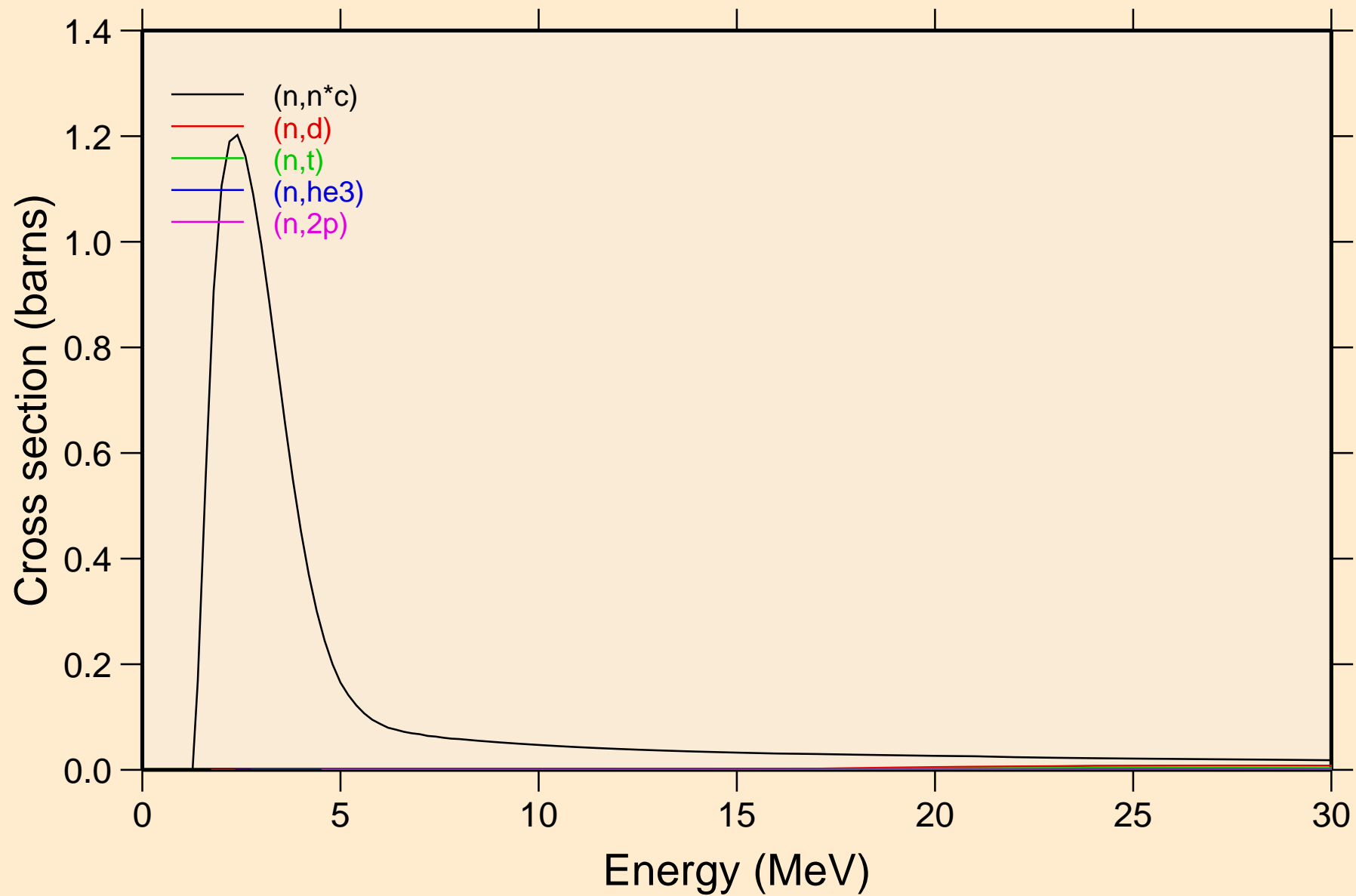
# NP233 NRG TENDL-2015, AKONING

## Threshold reactions



# NP233 NRG TENDL-2015, AKONING

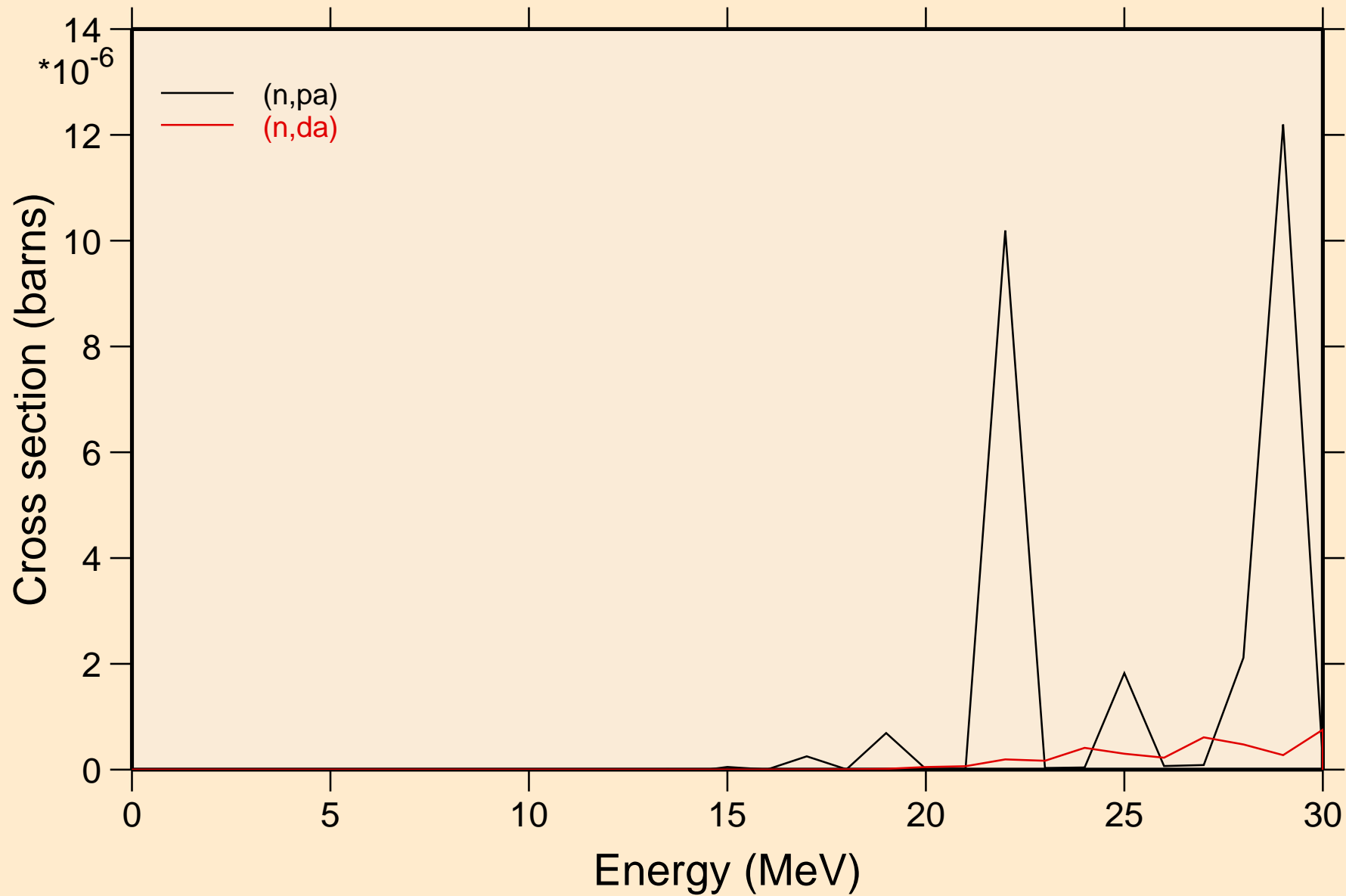
## Threshold reactions



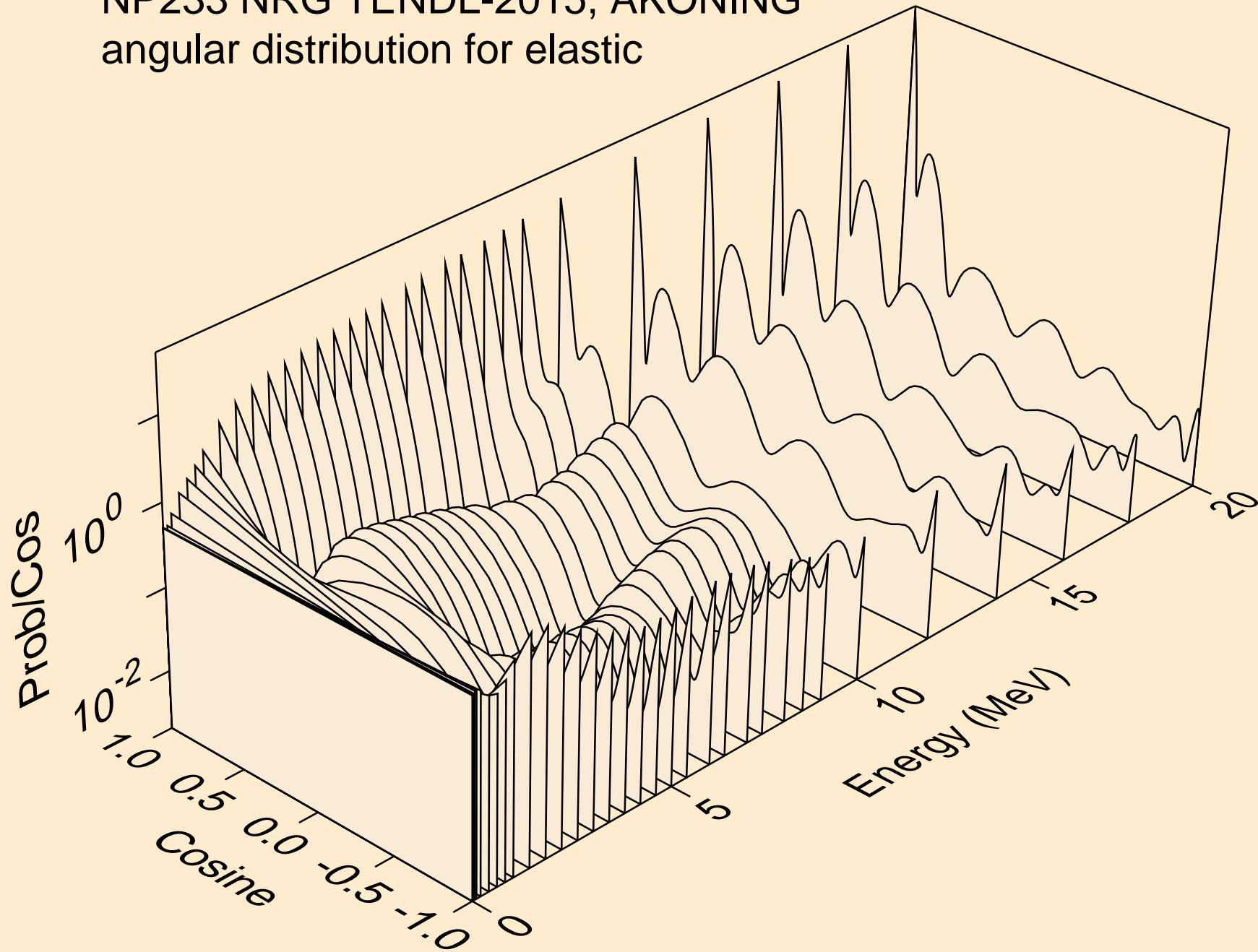


# NP233 NRG TENDL-2015, AKONING

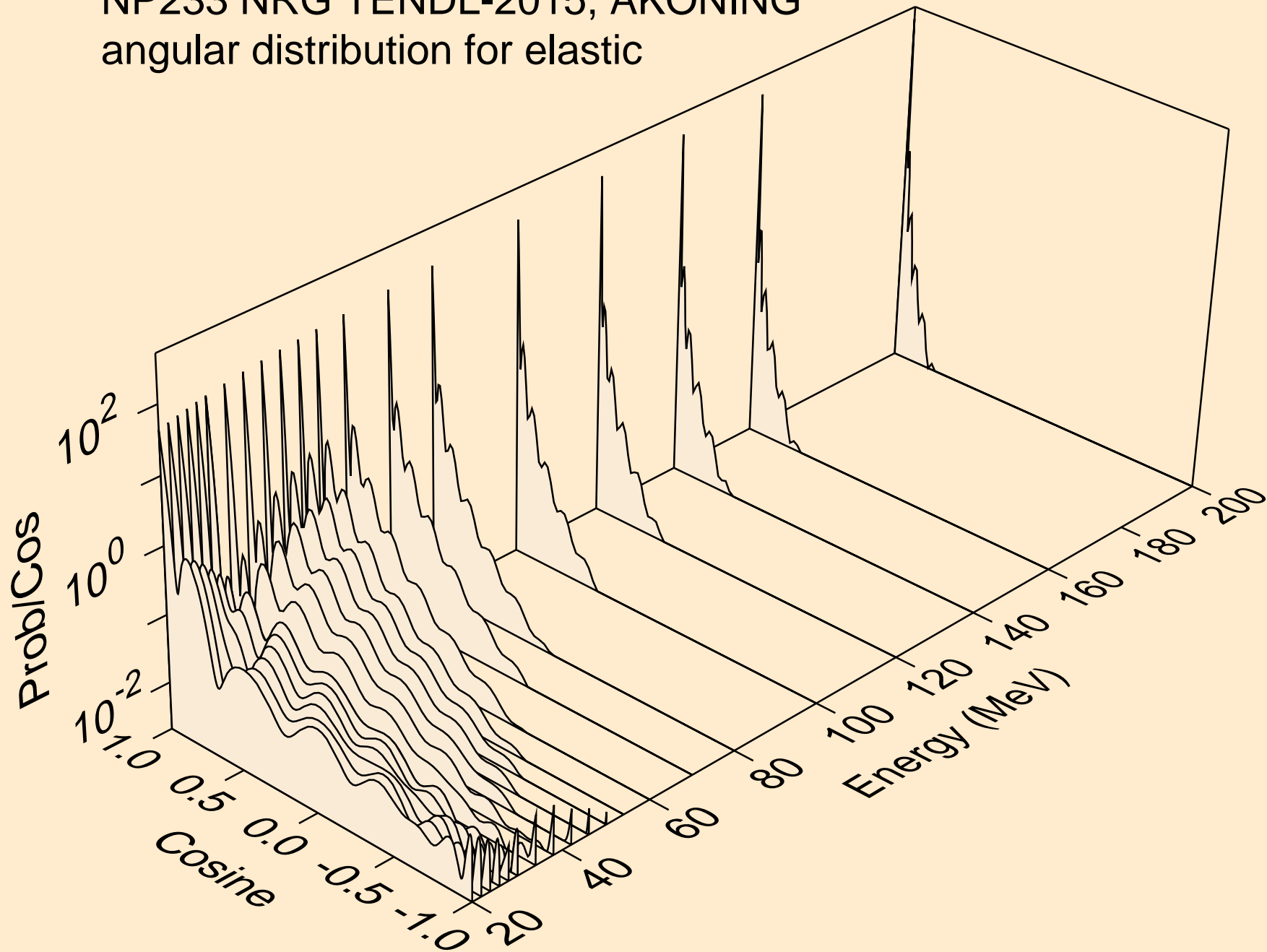
## Threshold reactions



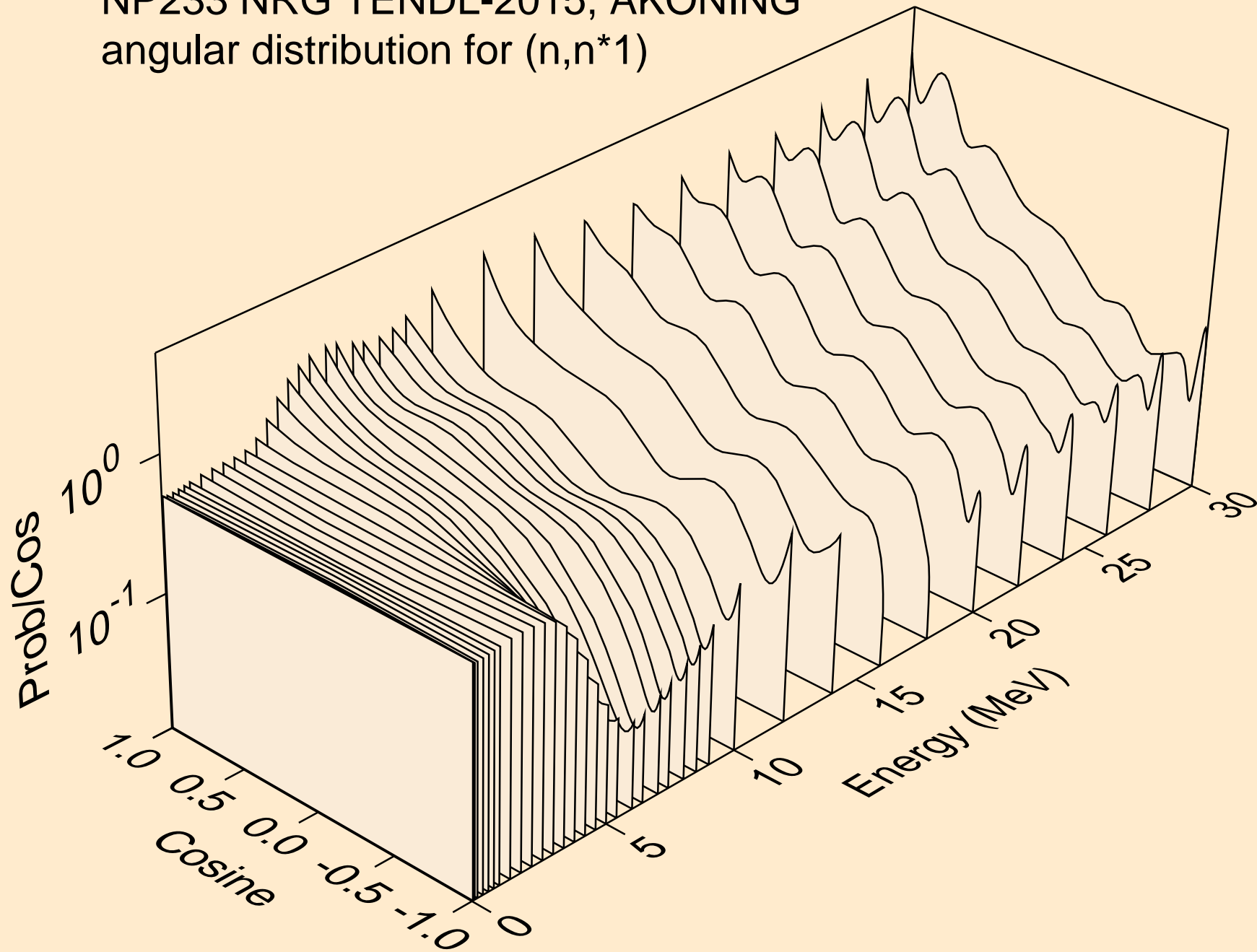
NP233 NRG TENDL-2015, AKONING  
angular distribution for elastic



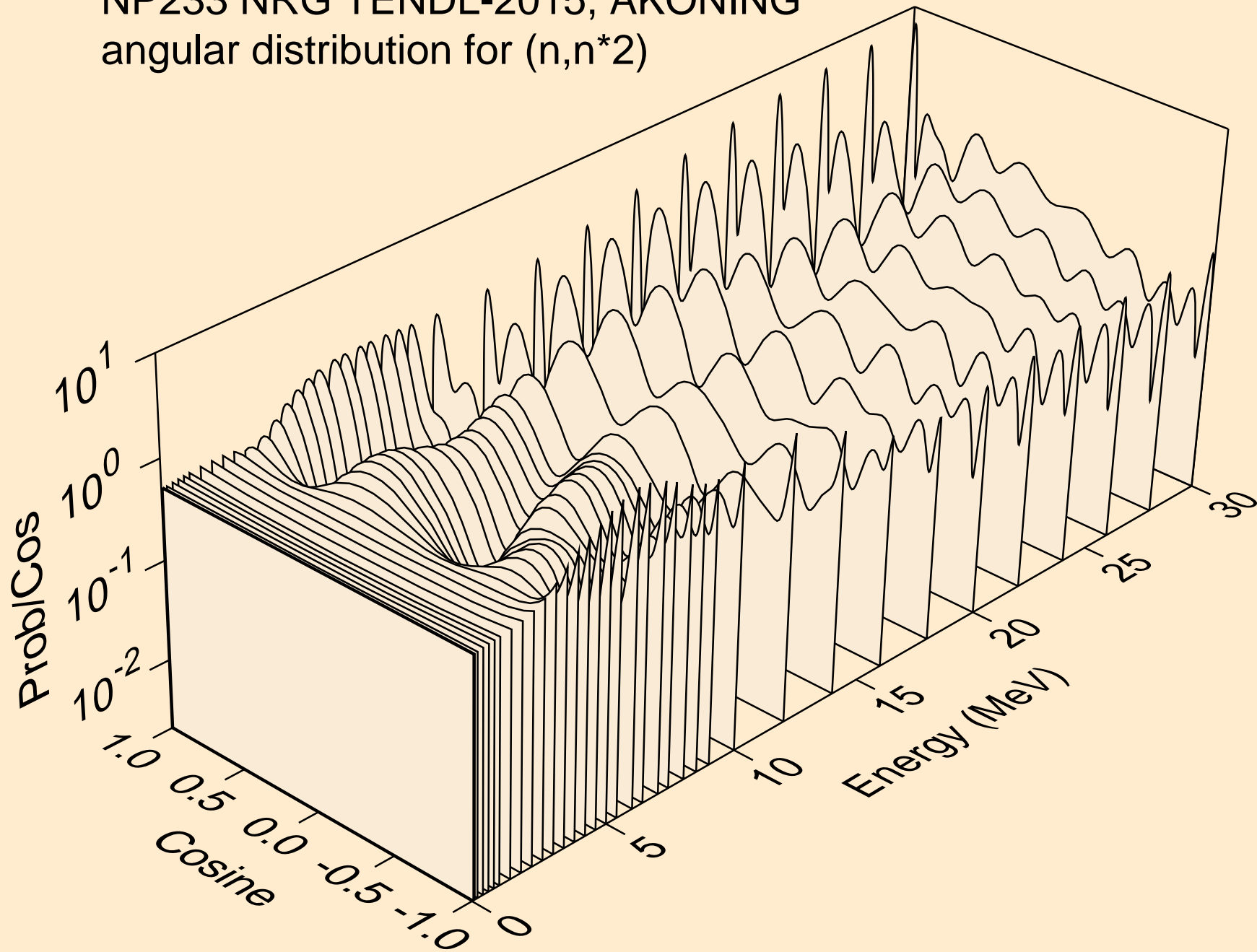
NP233 NRG TENDL-2015, AKONING  
angular distribution for elastic



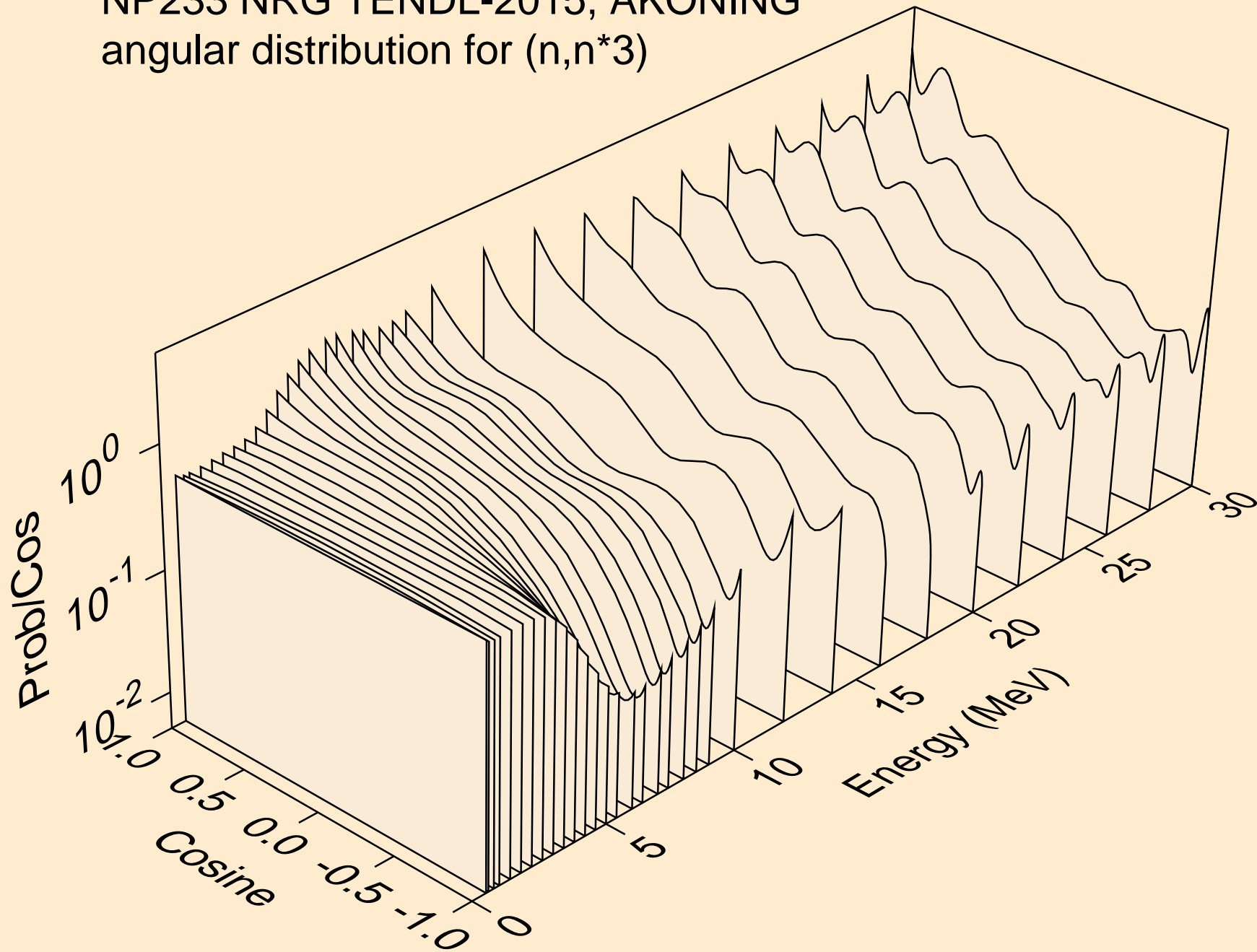
NP233 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



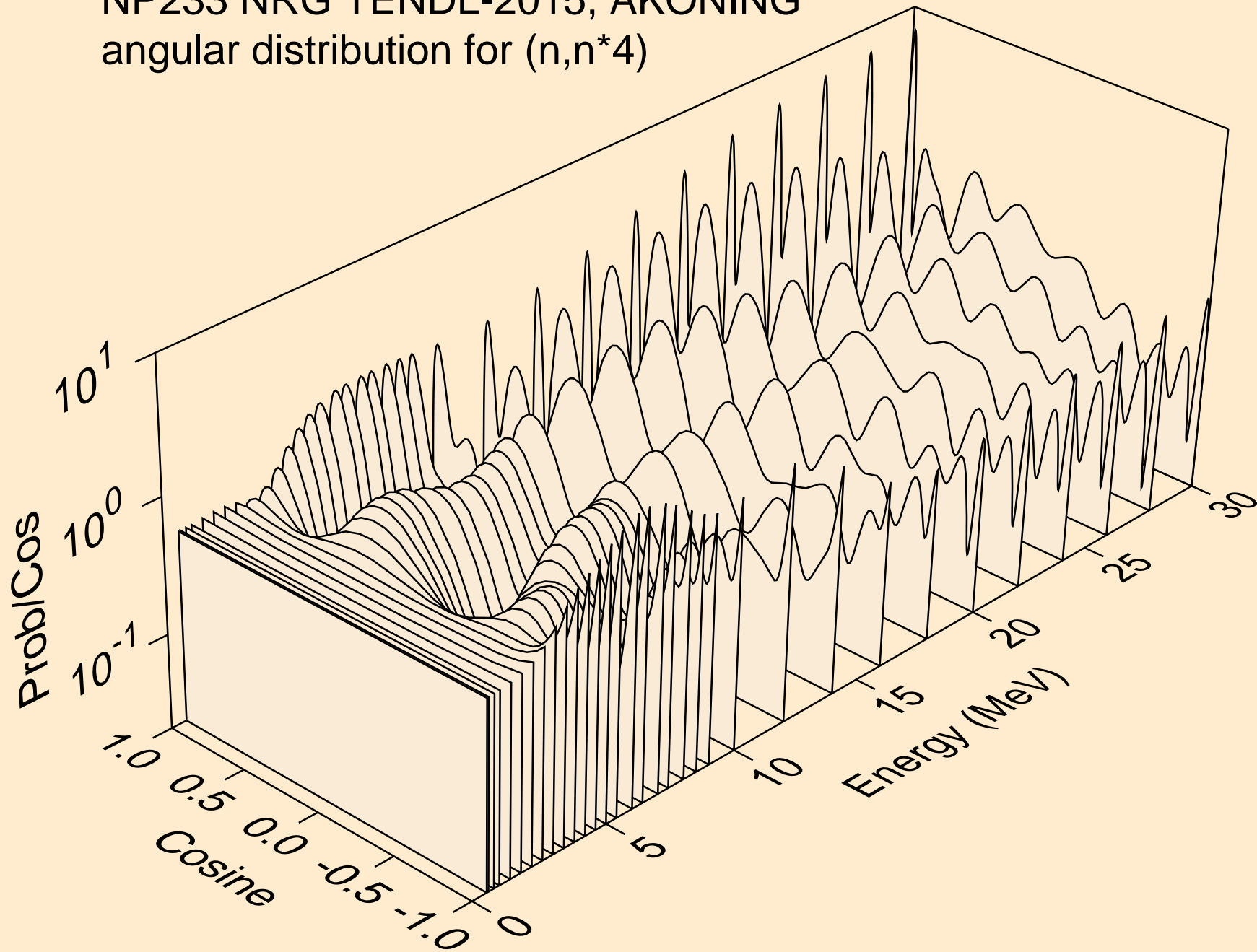
NP233 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



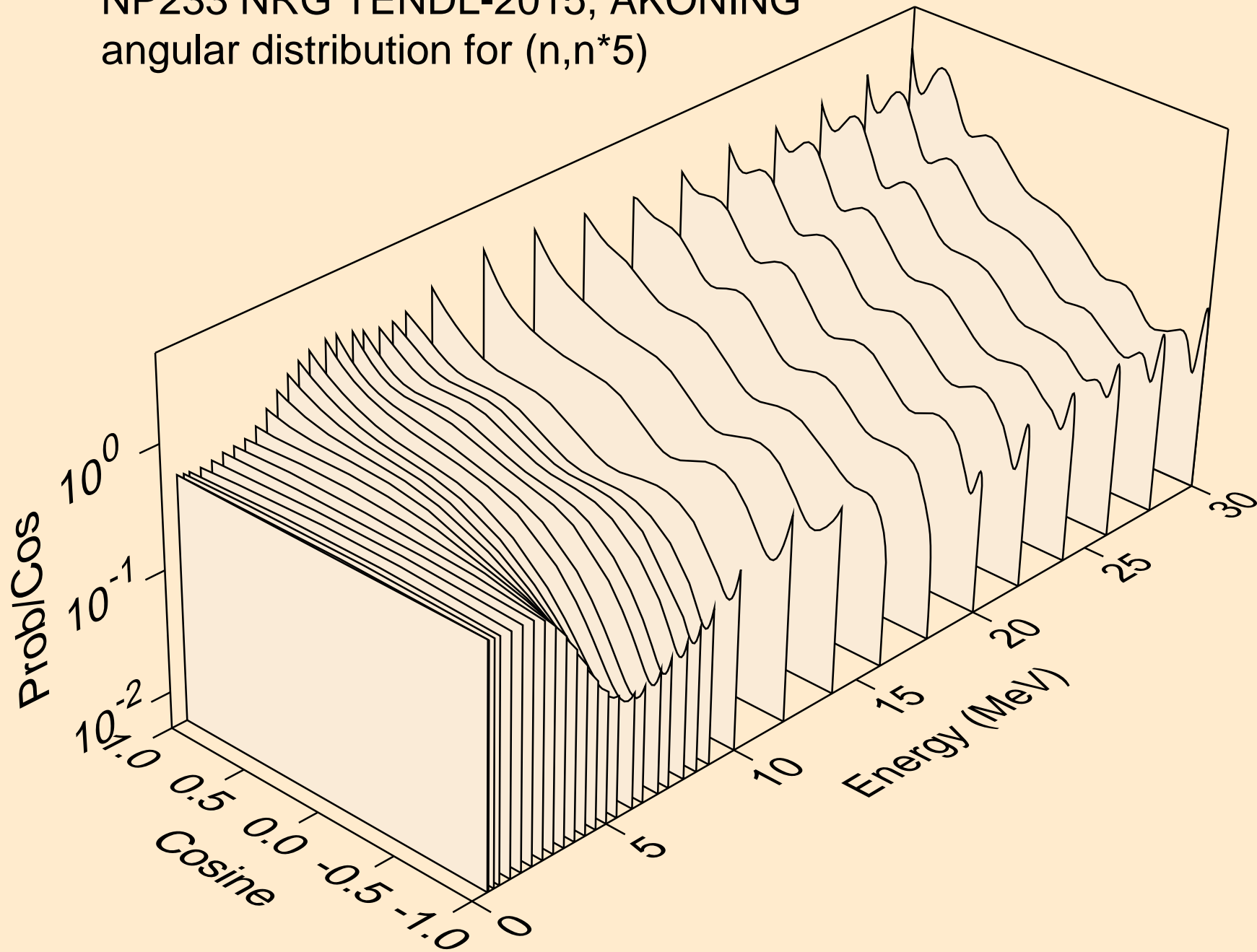
NP233 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



NP233 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)

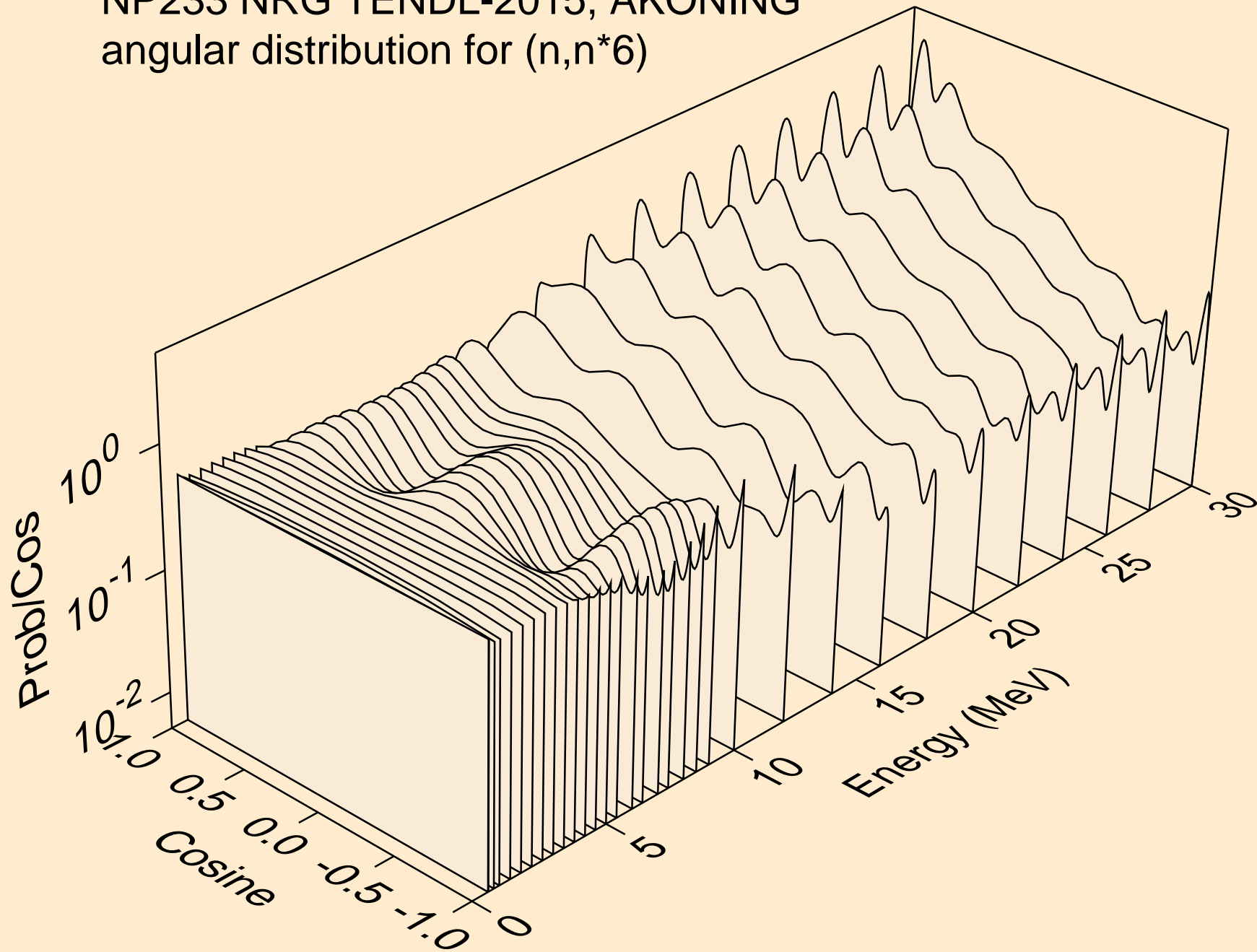


NP233 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

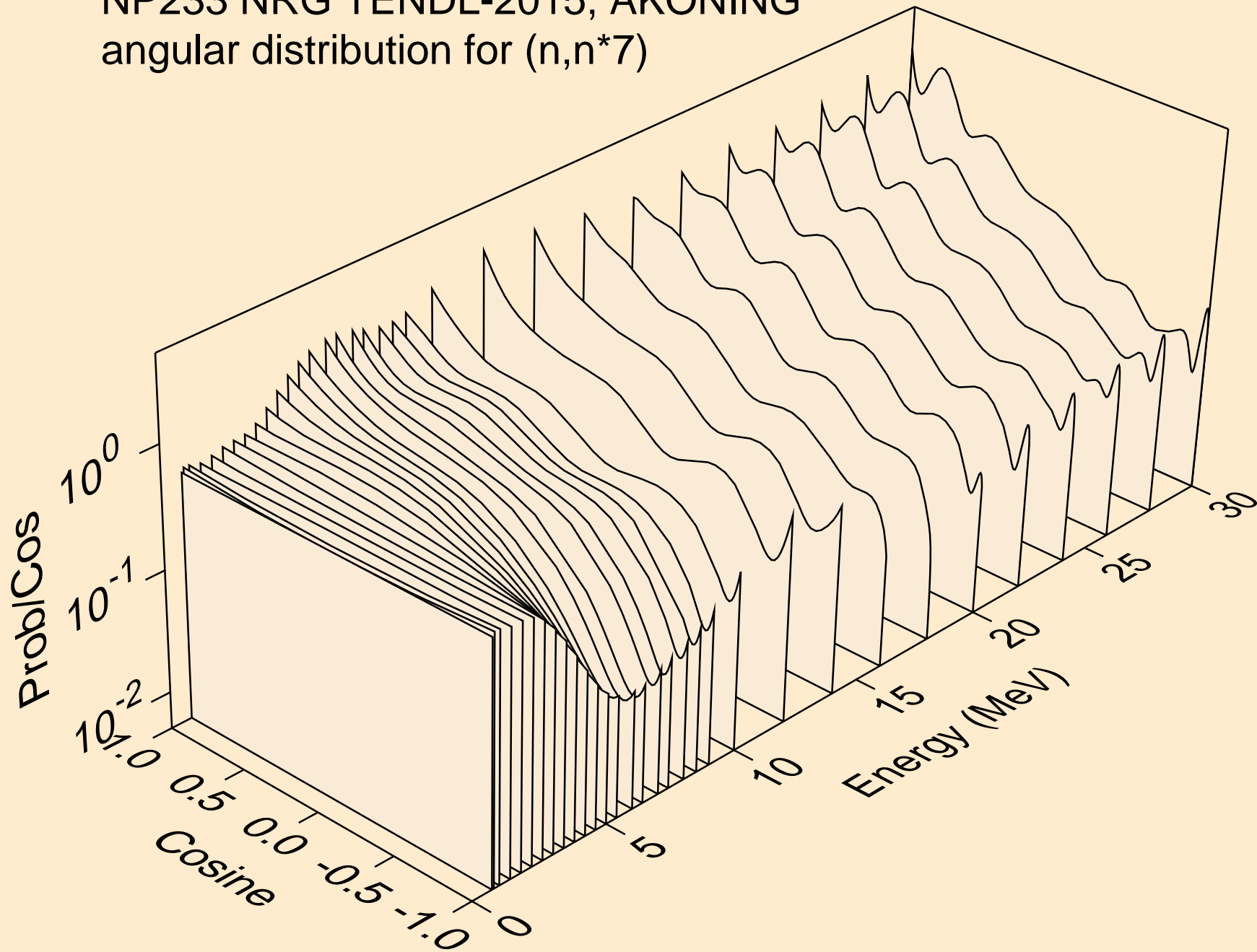




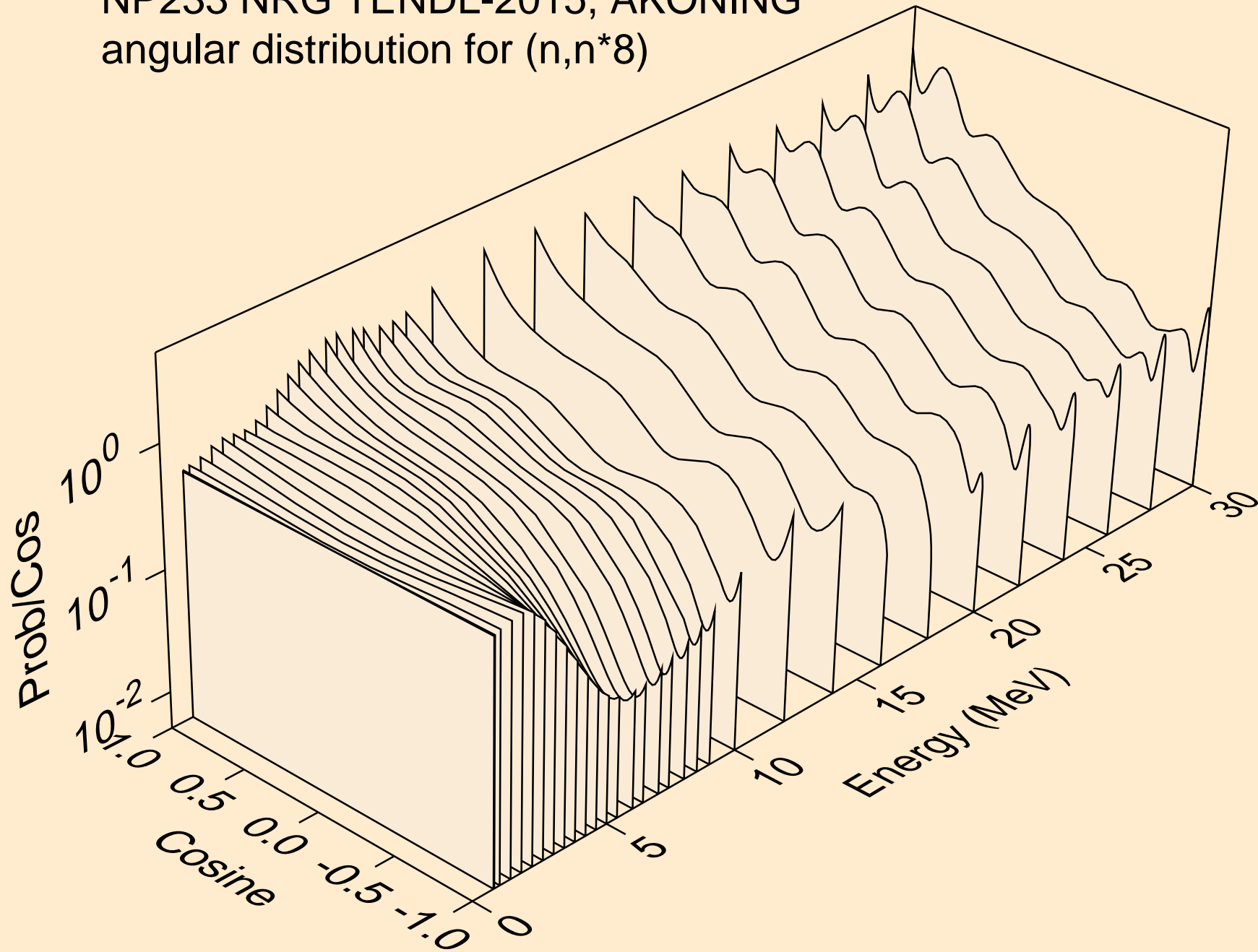
NP233 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



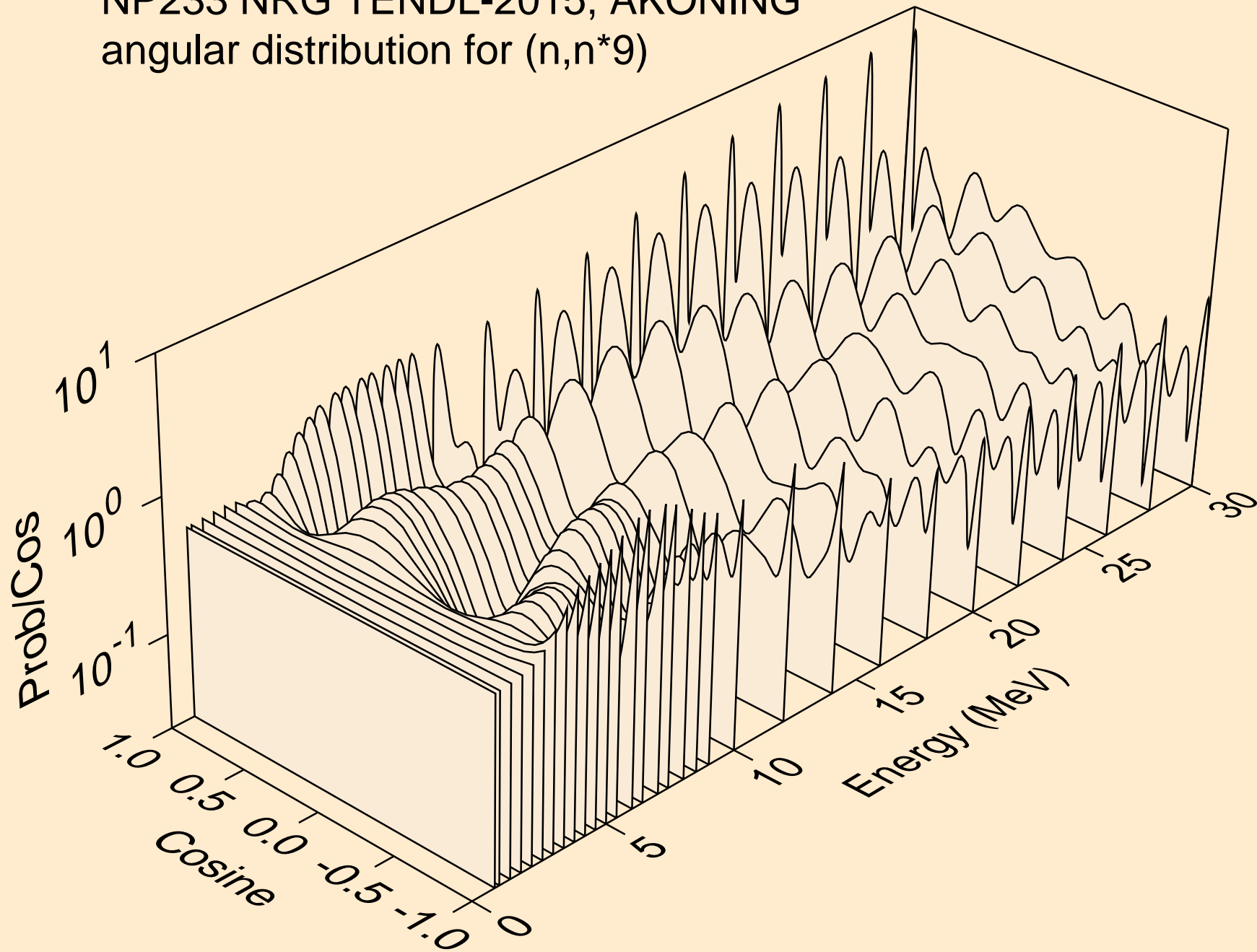
NP233 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



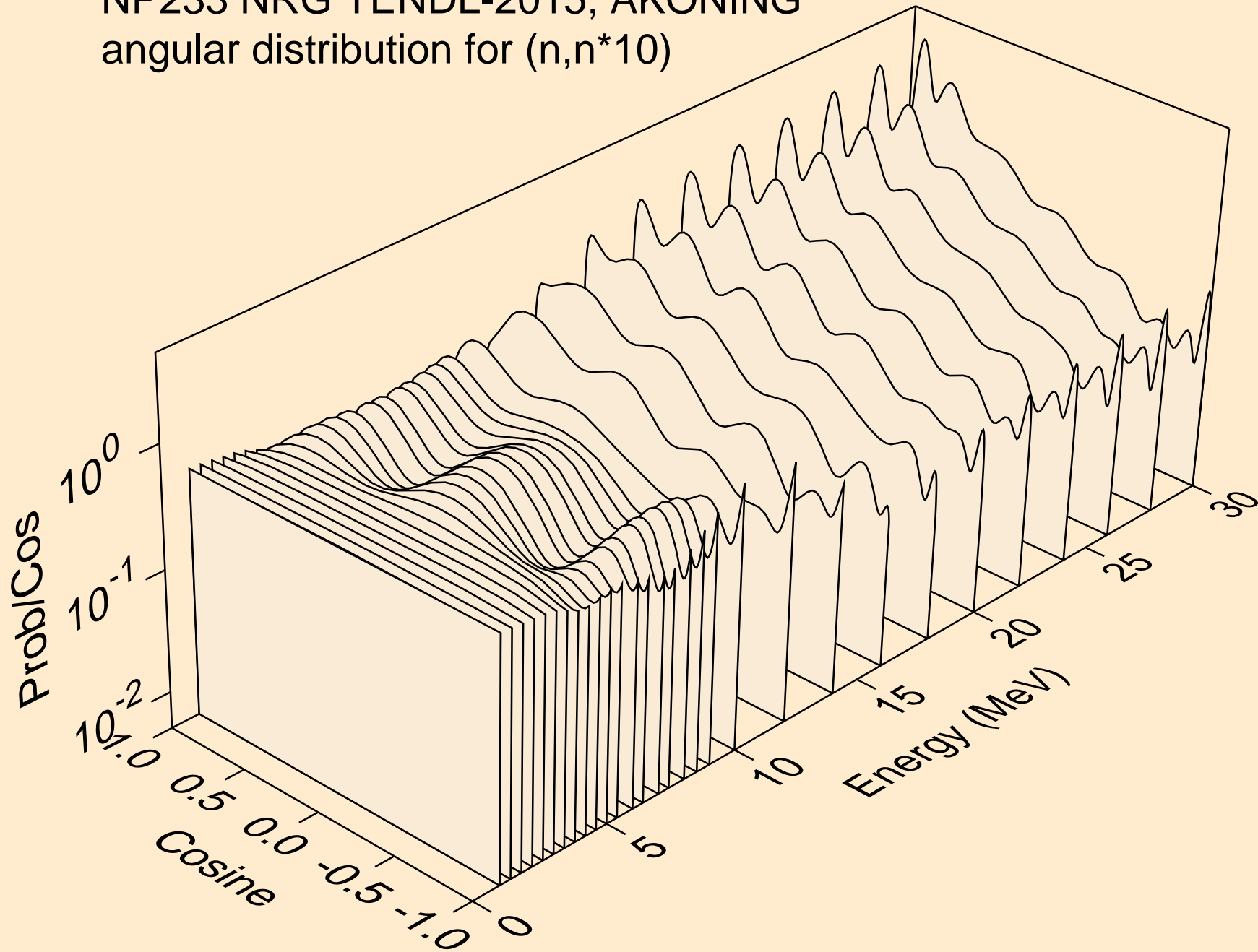
NP233 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



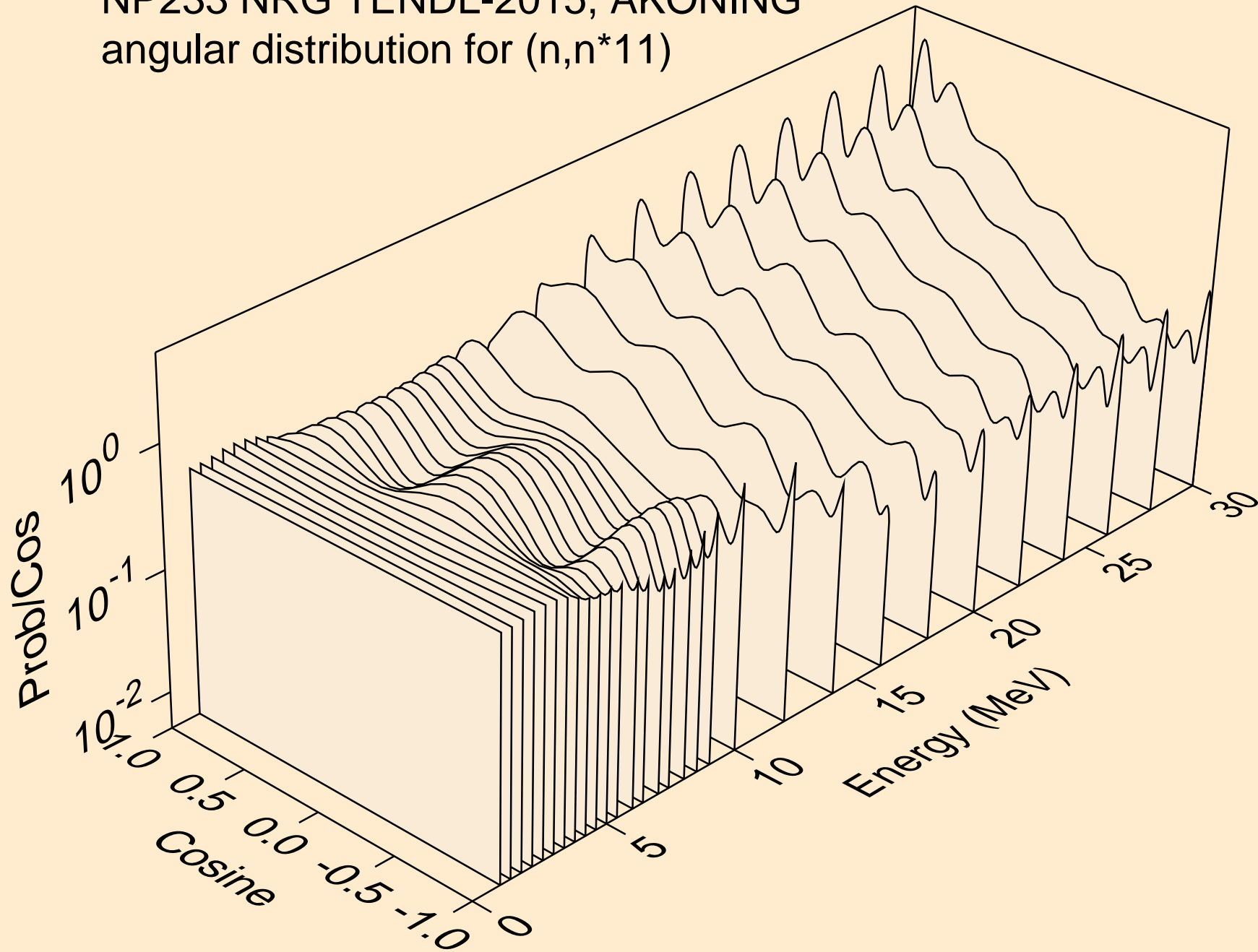
NP233 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



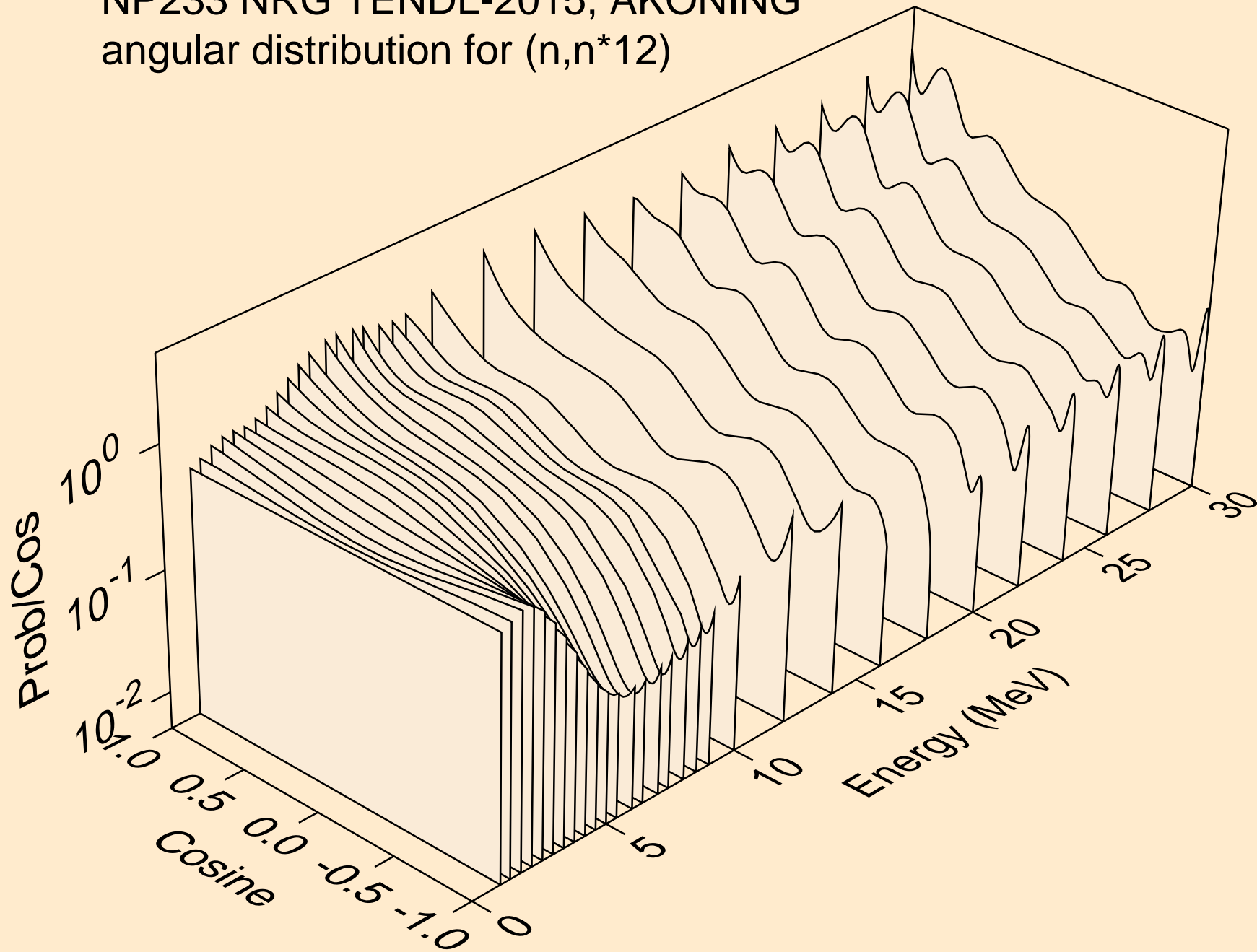
NP233 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



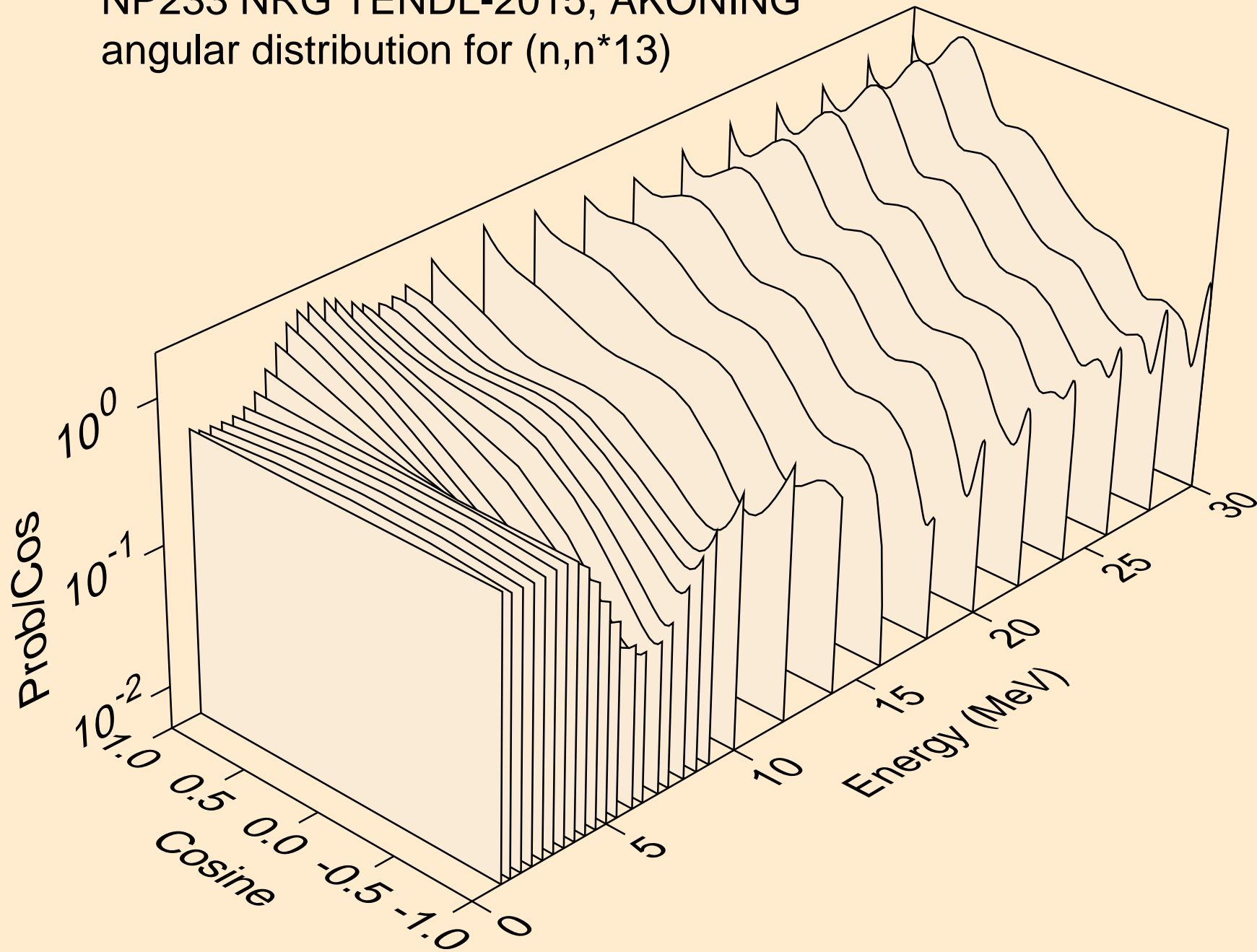
NP233 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



NP233 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)

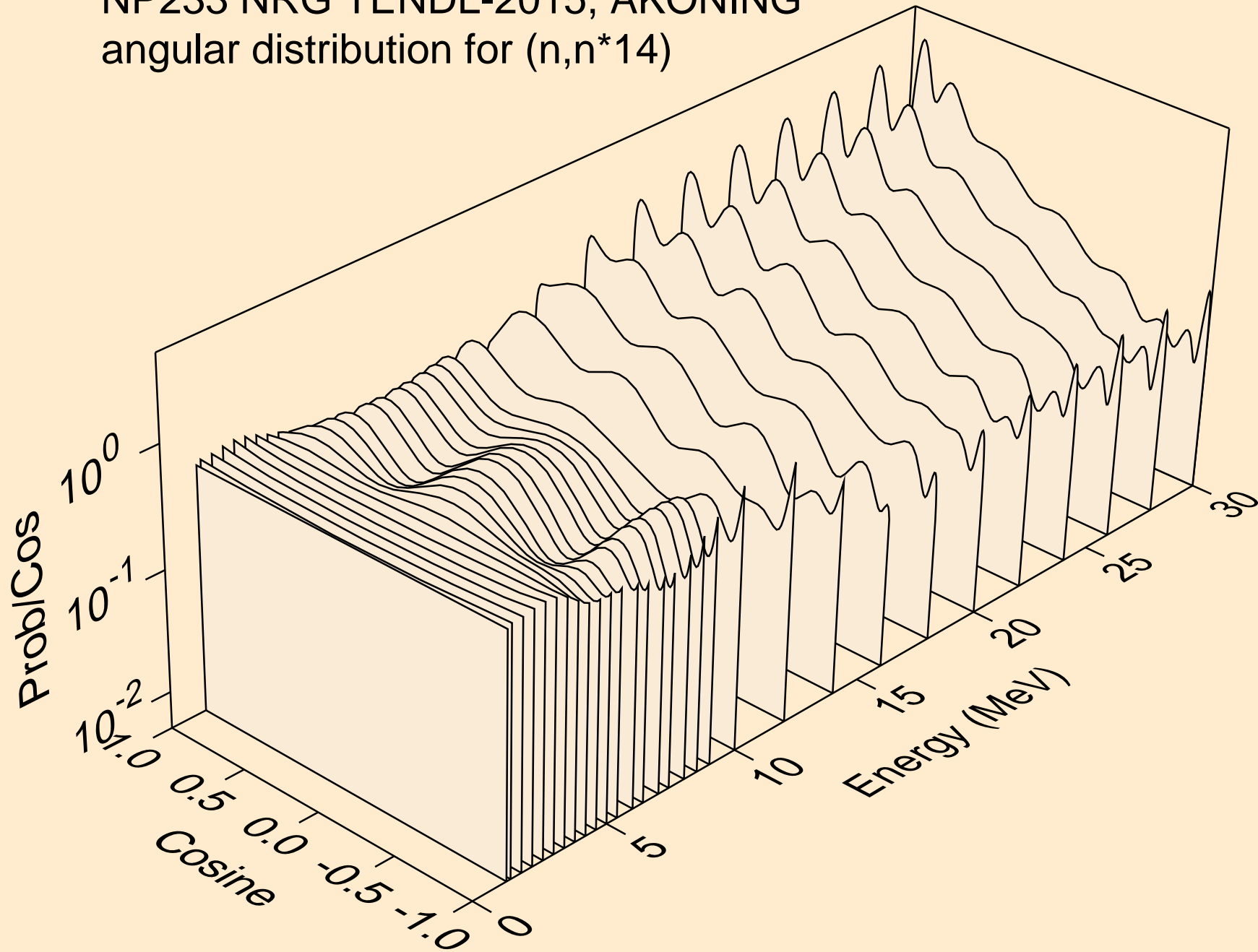


NP233 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

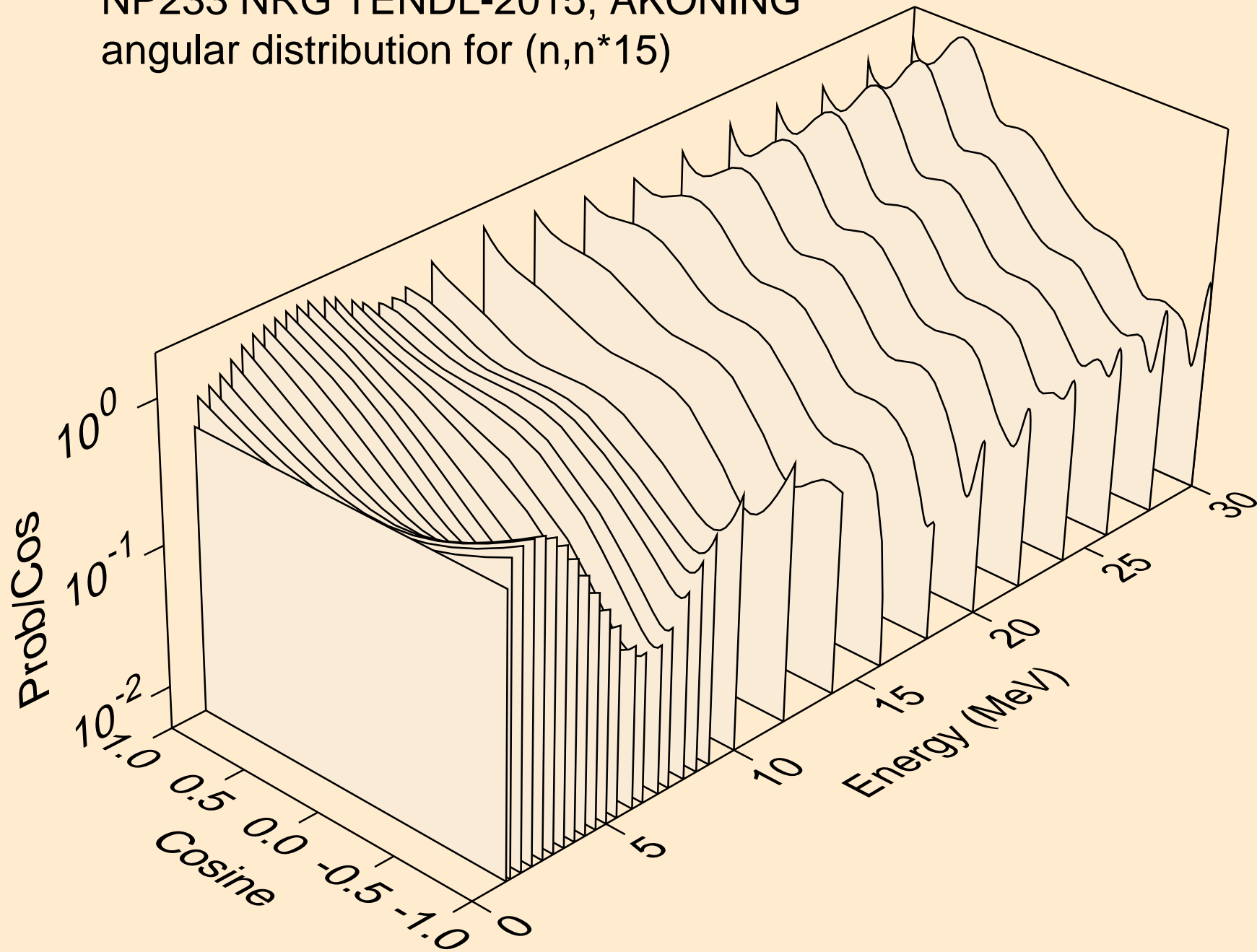




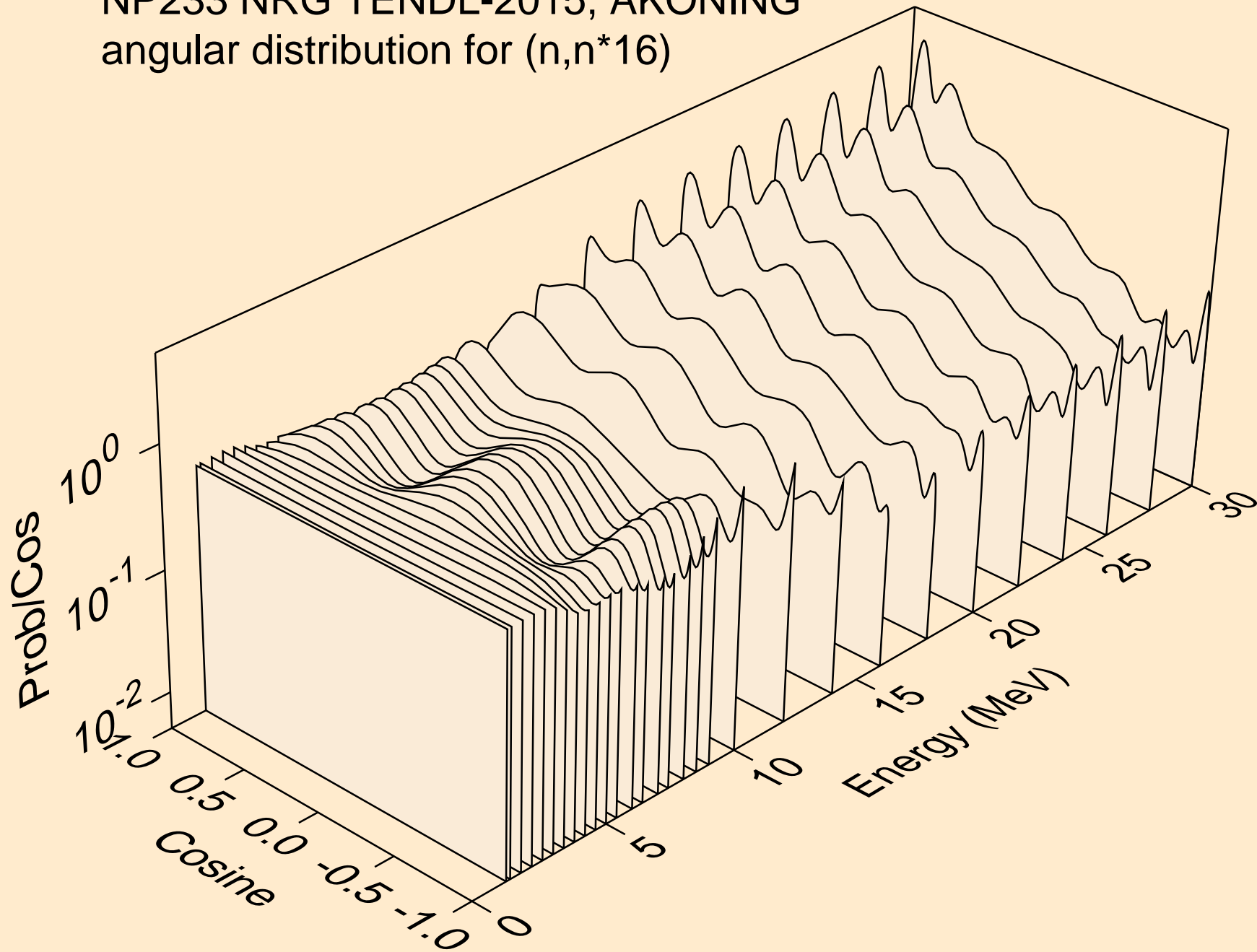
NP233 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



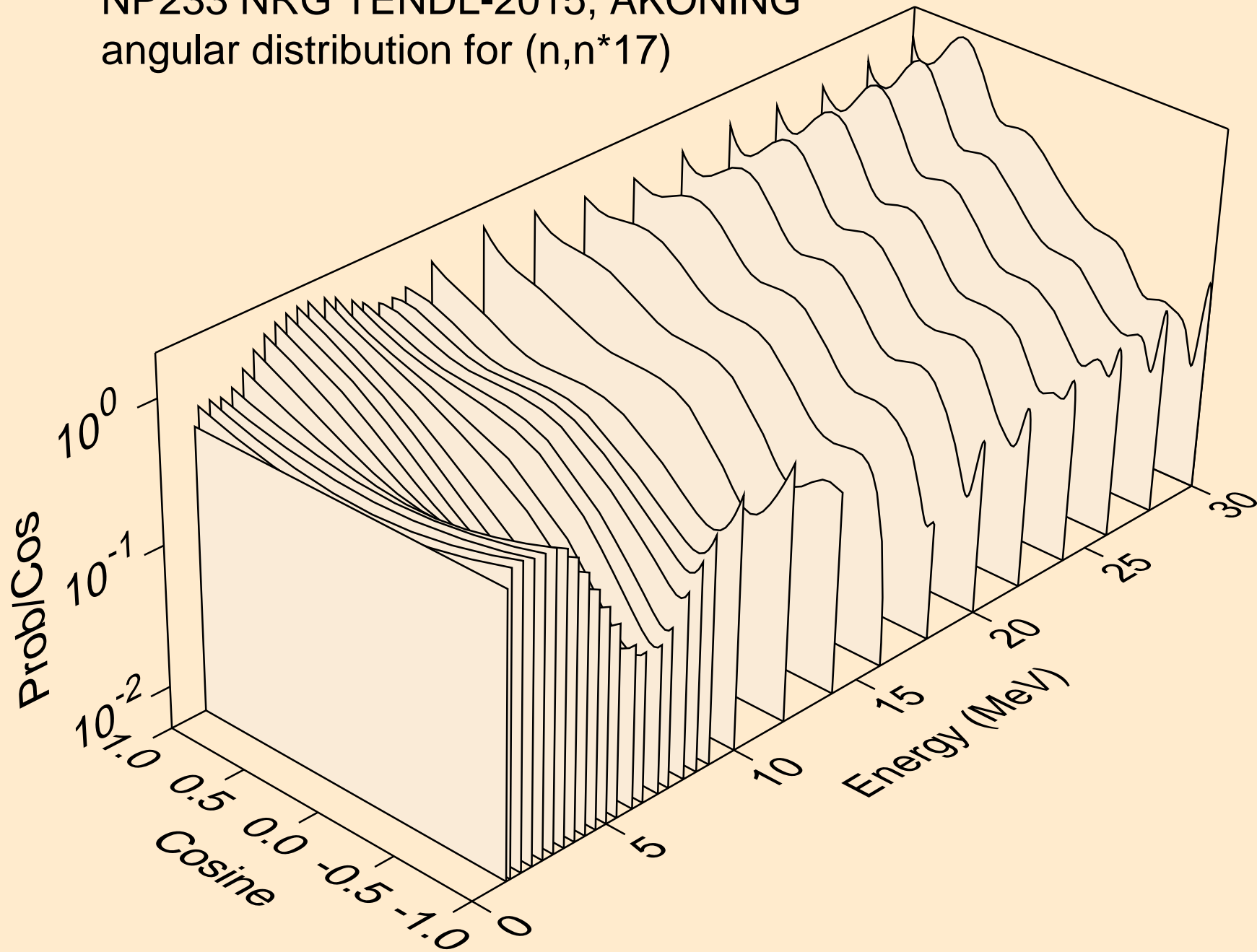
NP233 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



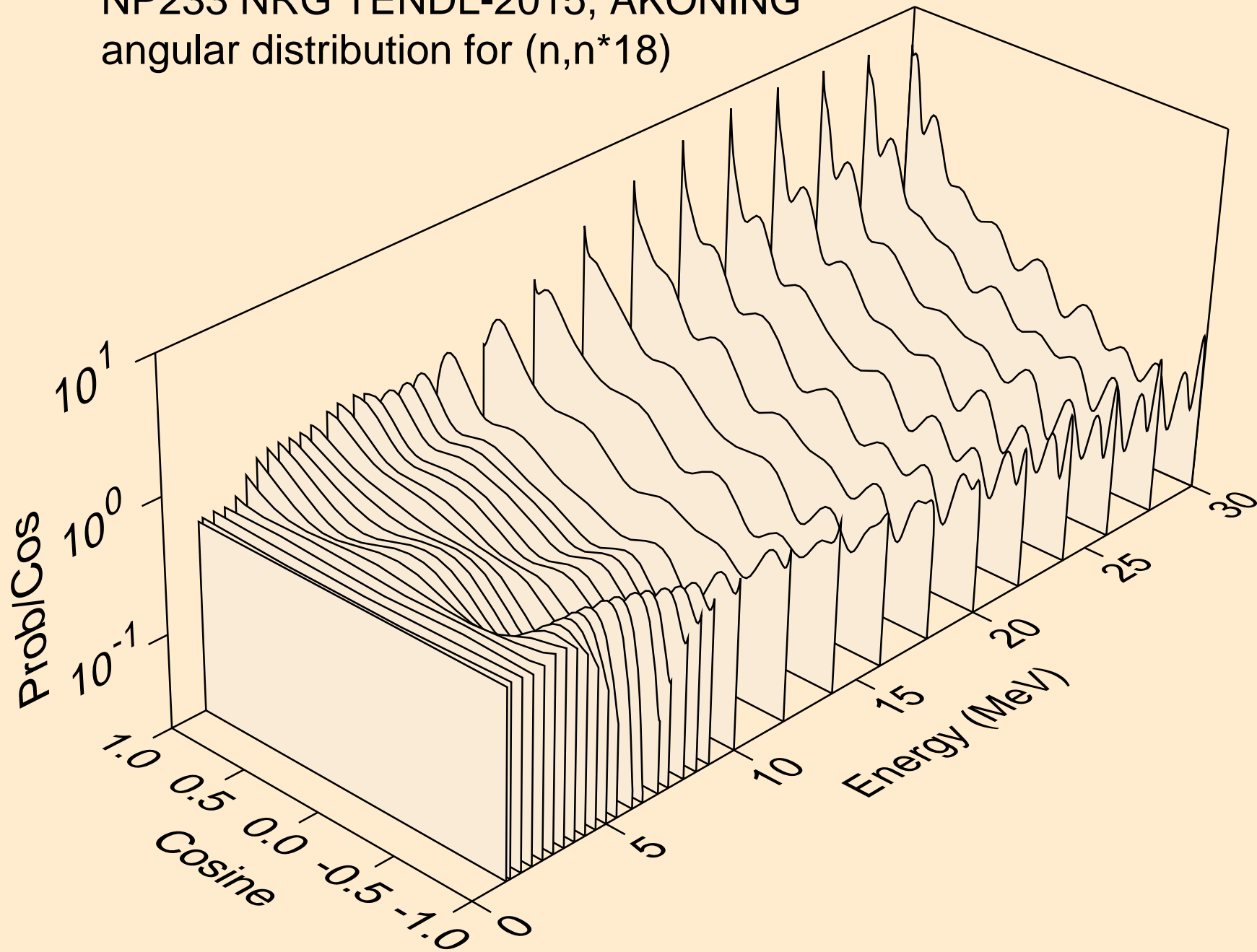
NP233 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



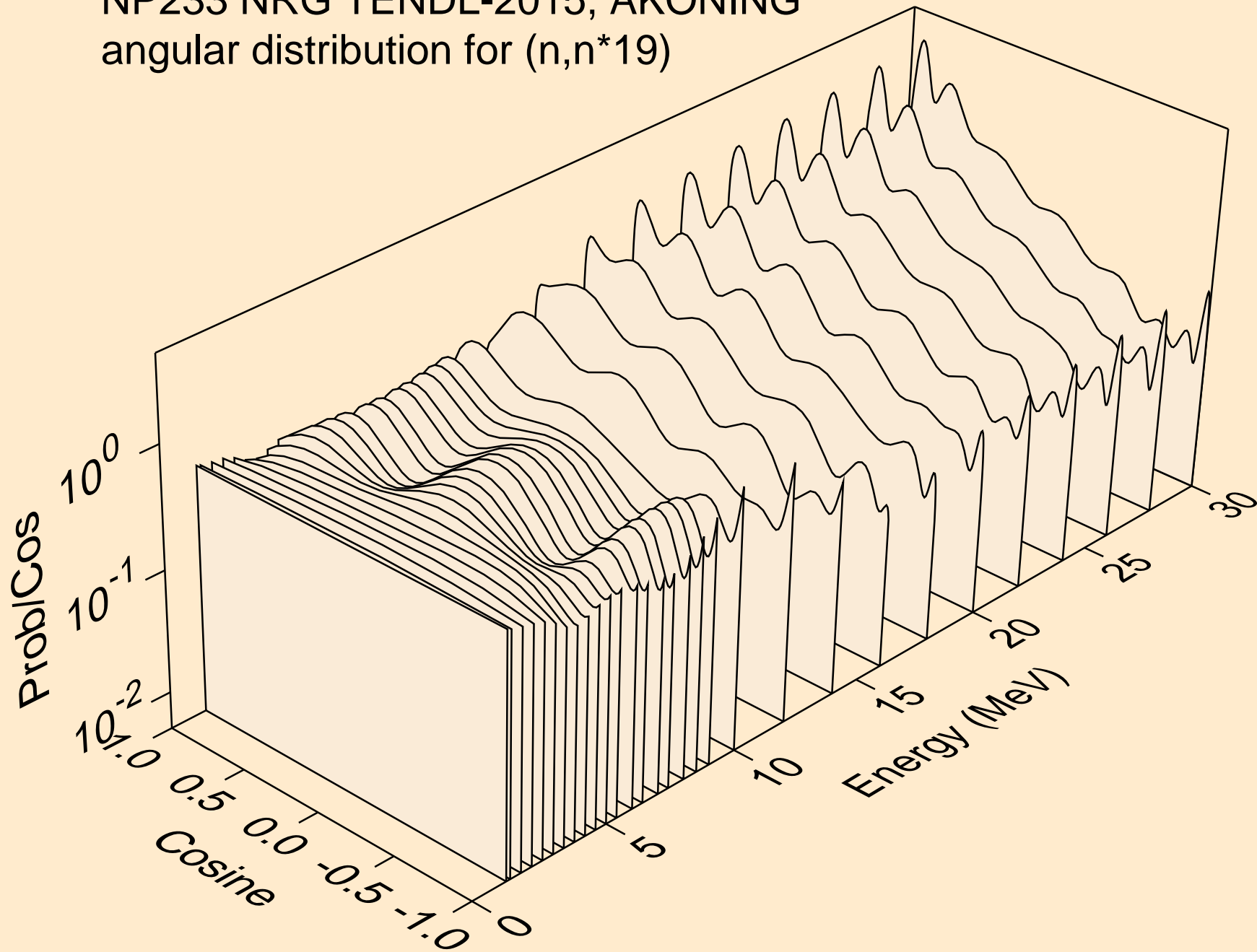
NP233 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



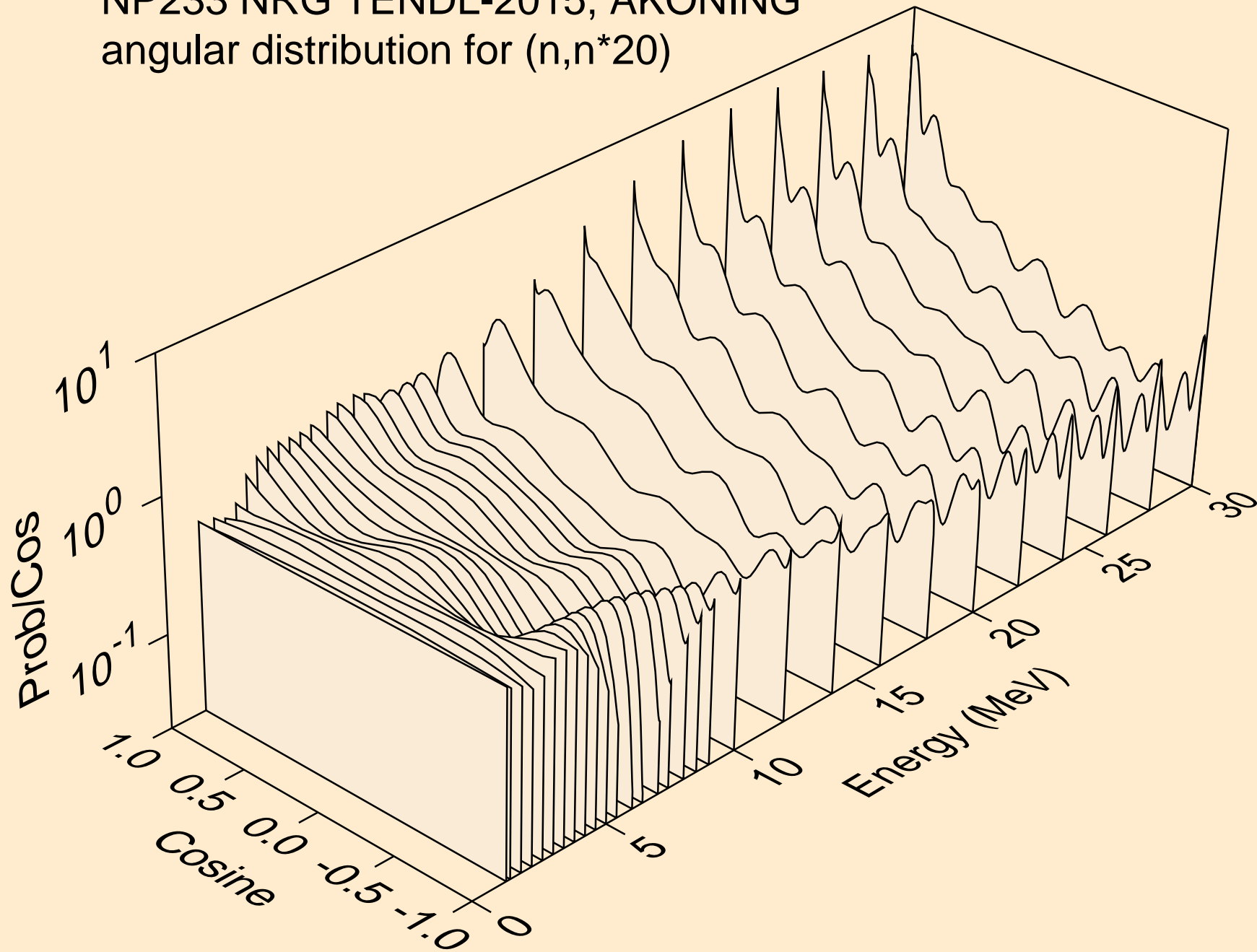
NP233 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



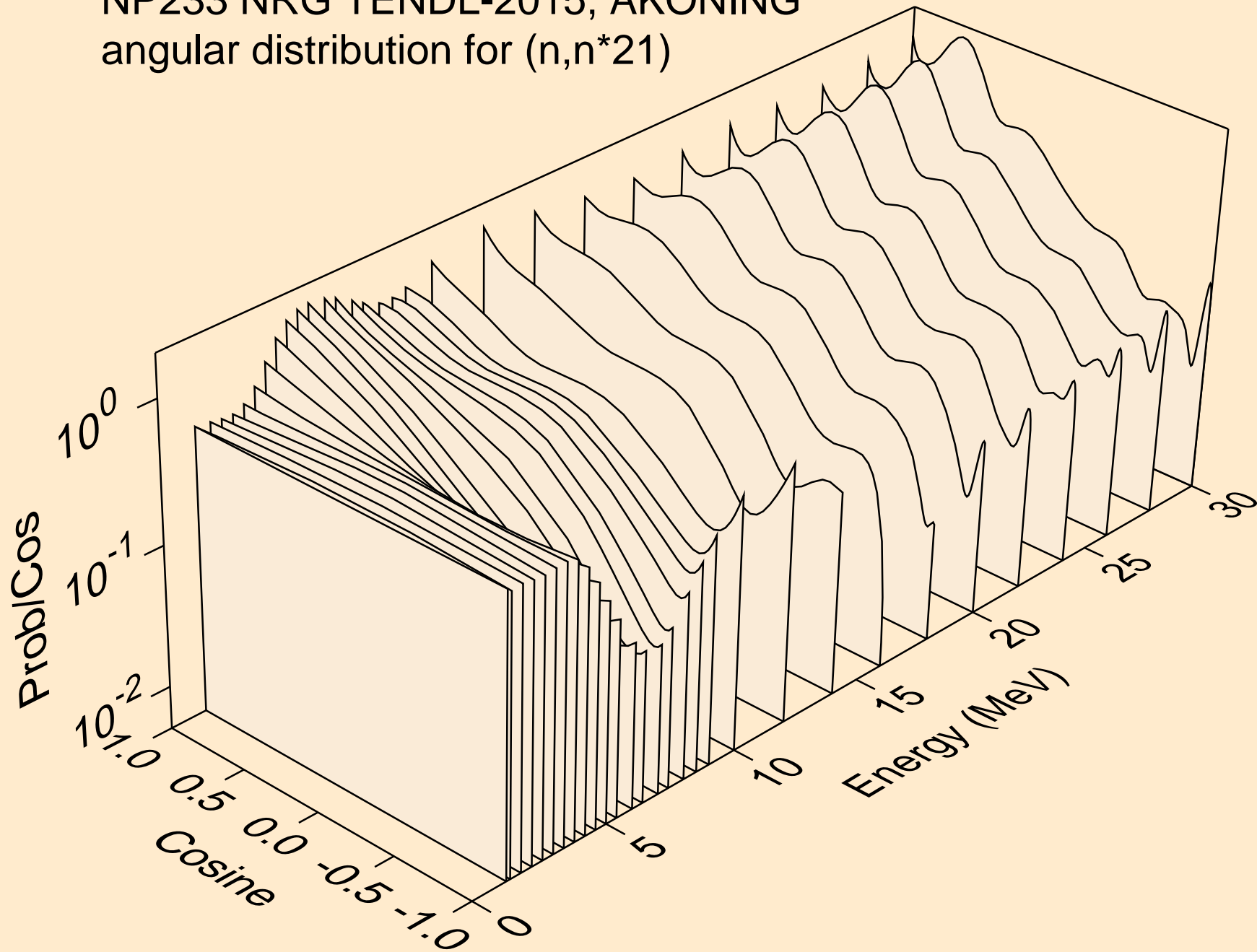
NP233 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



NP233 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)

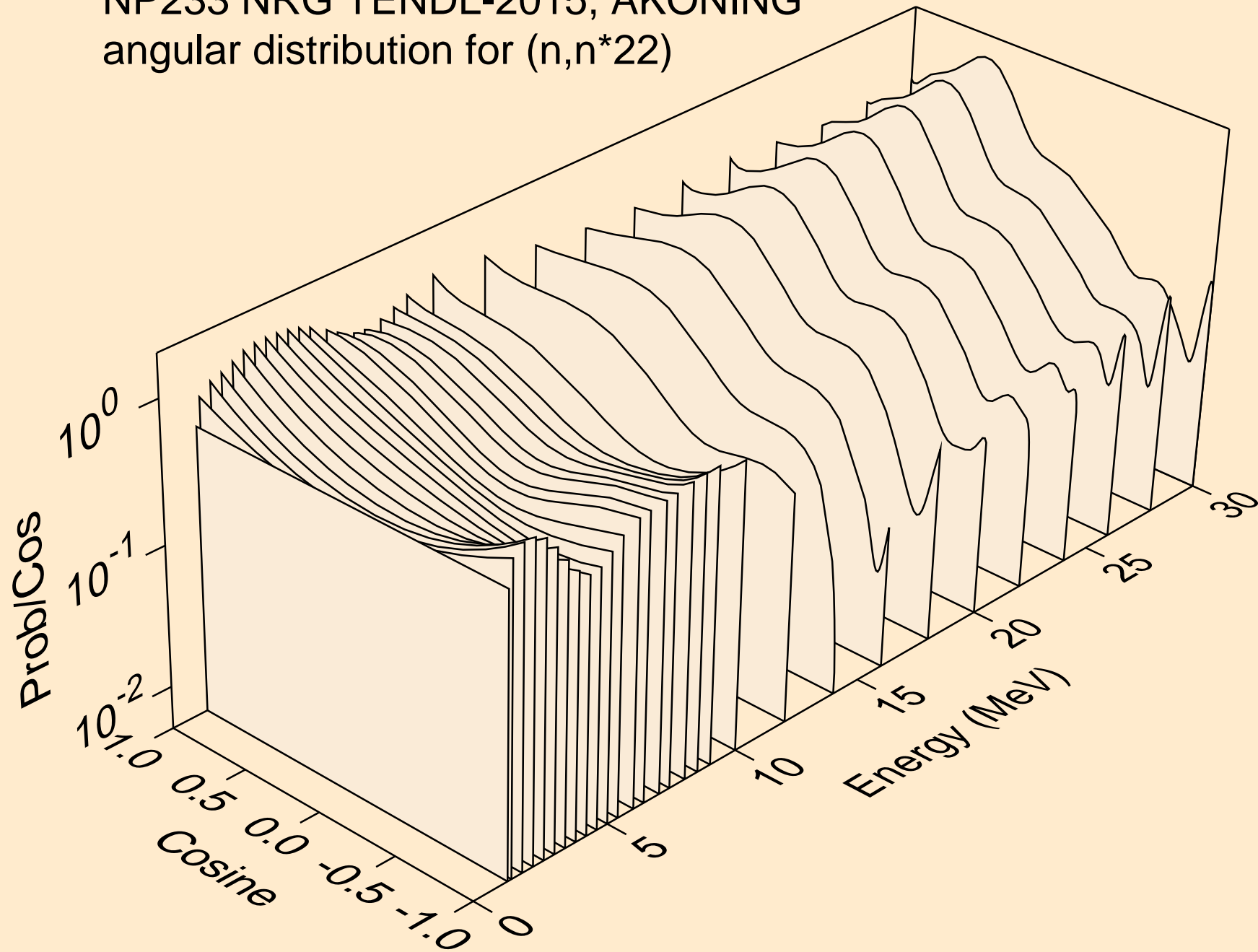


NP233 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

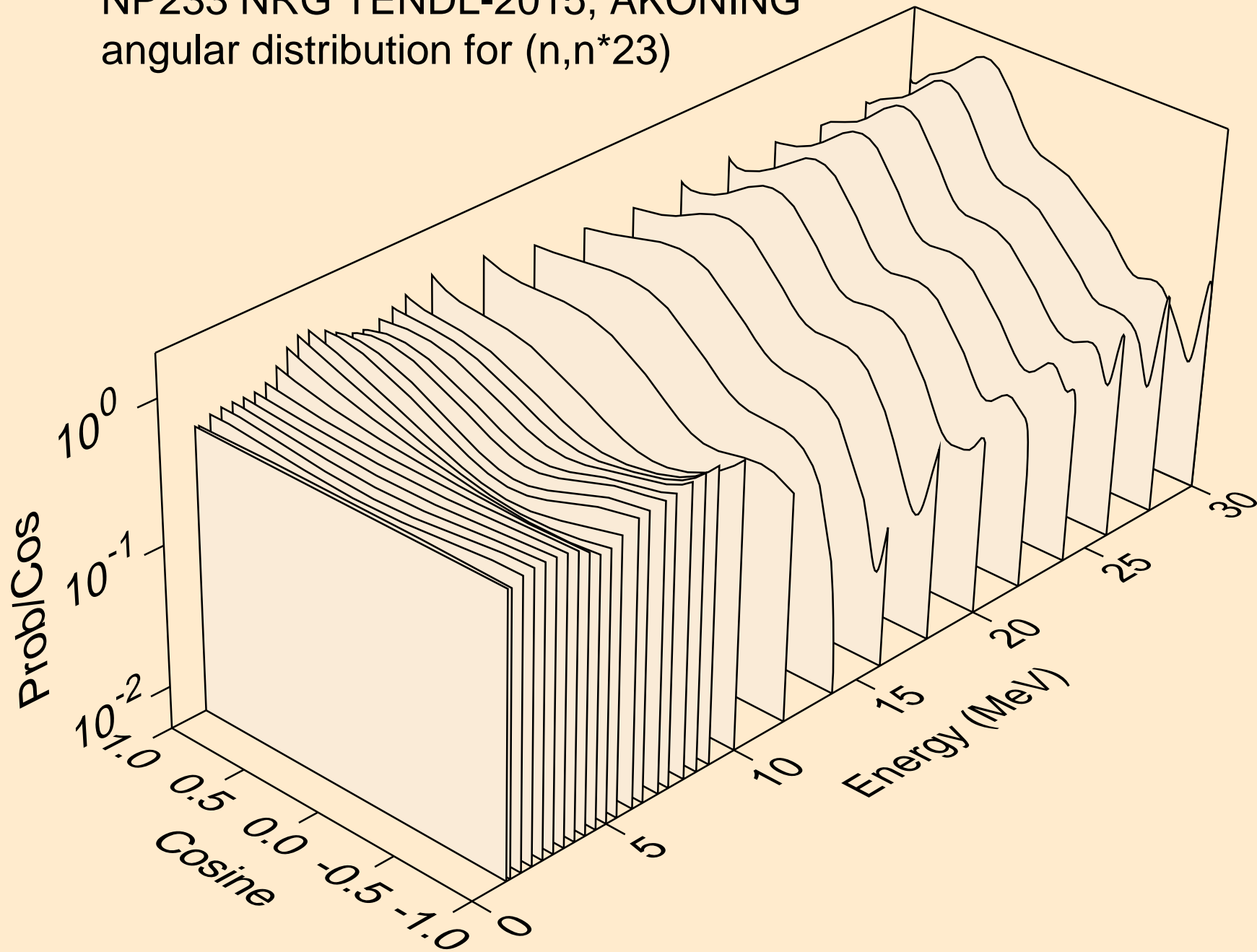




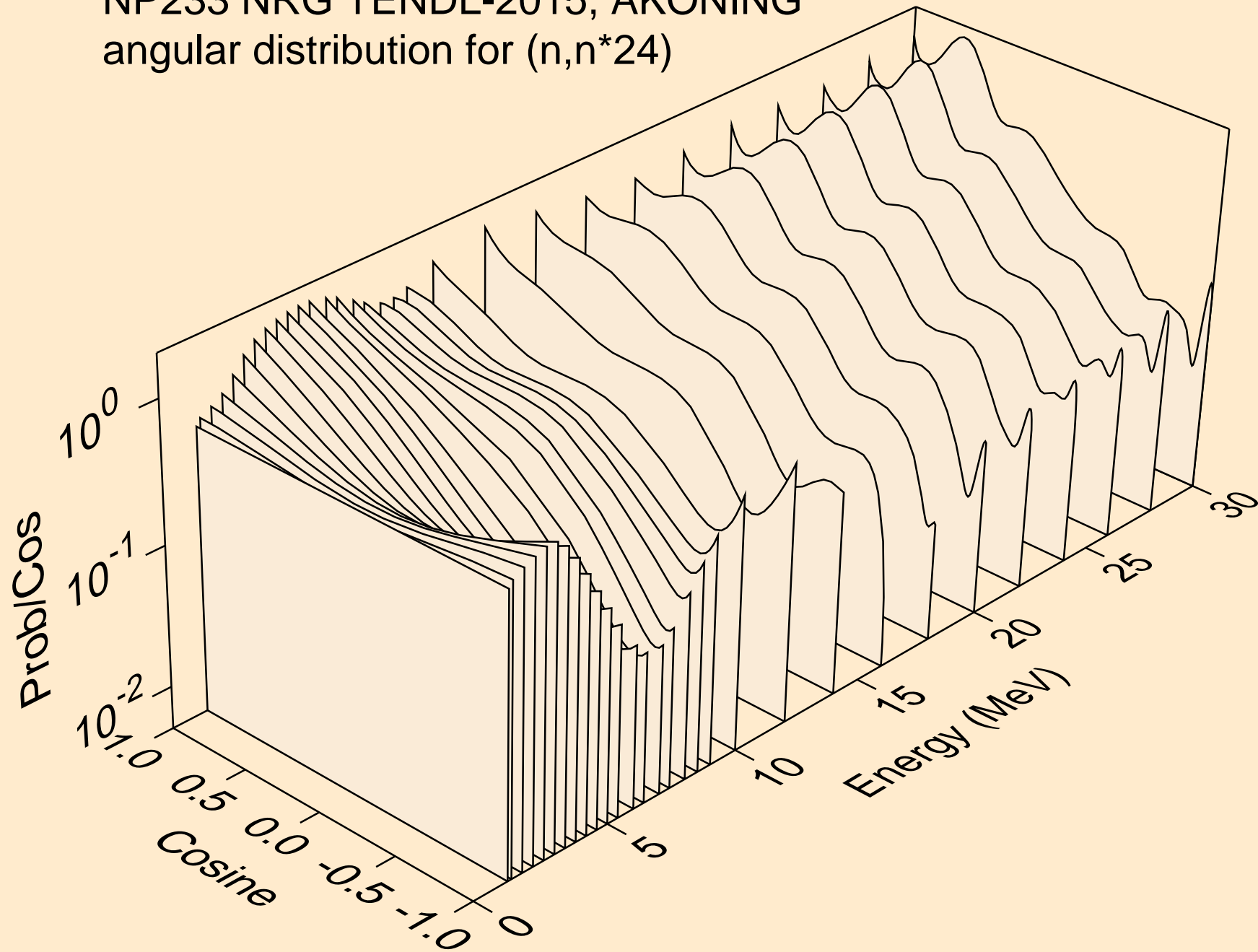
NP233 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



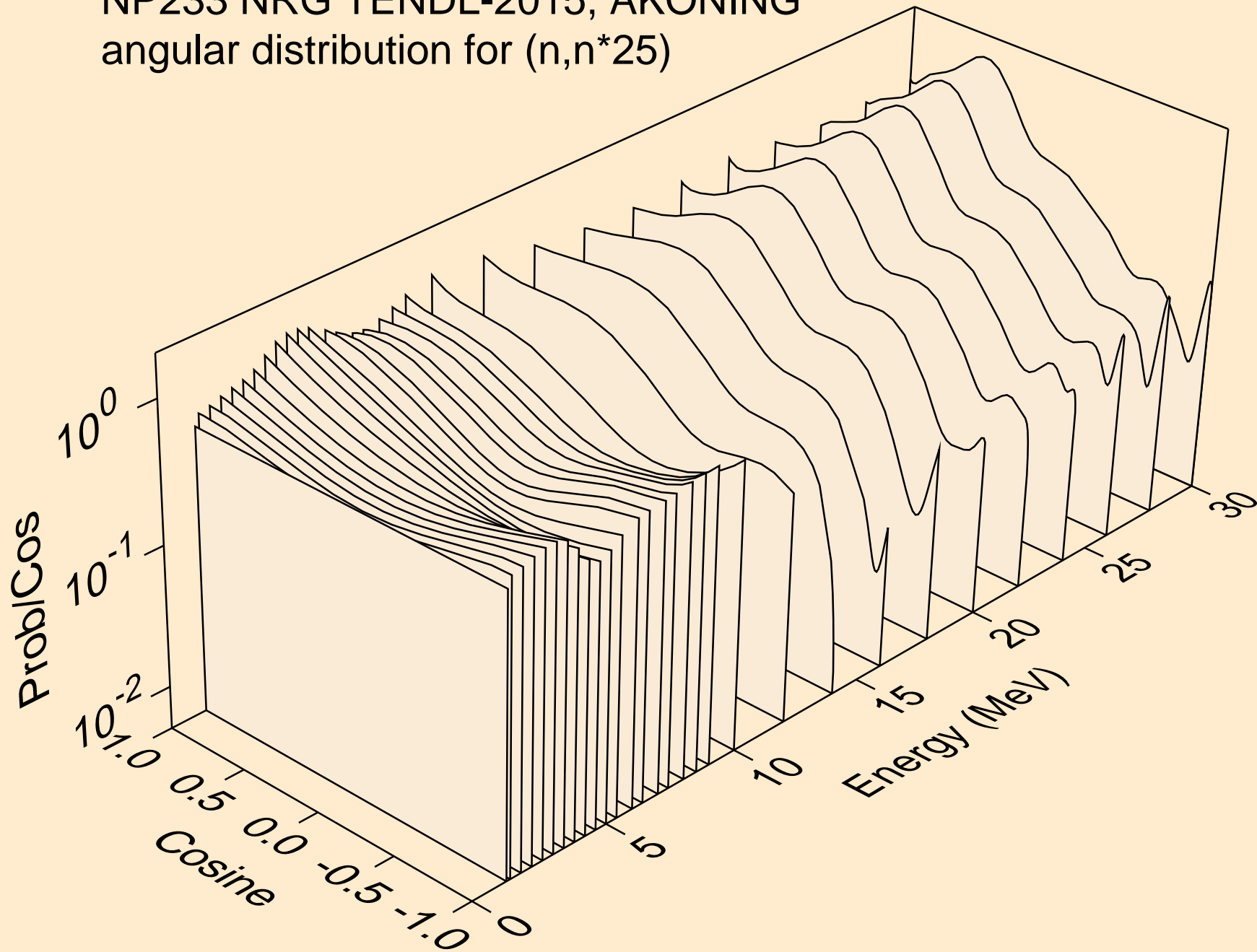
NP233 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



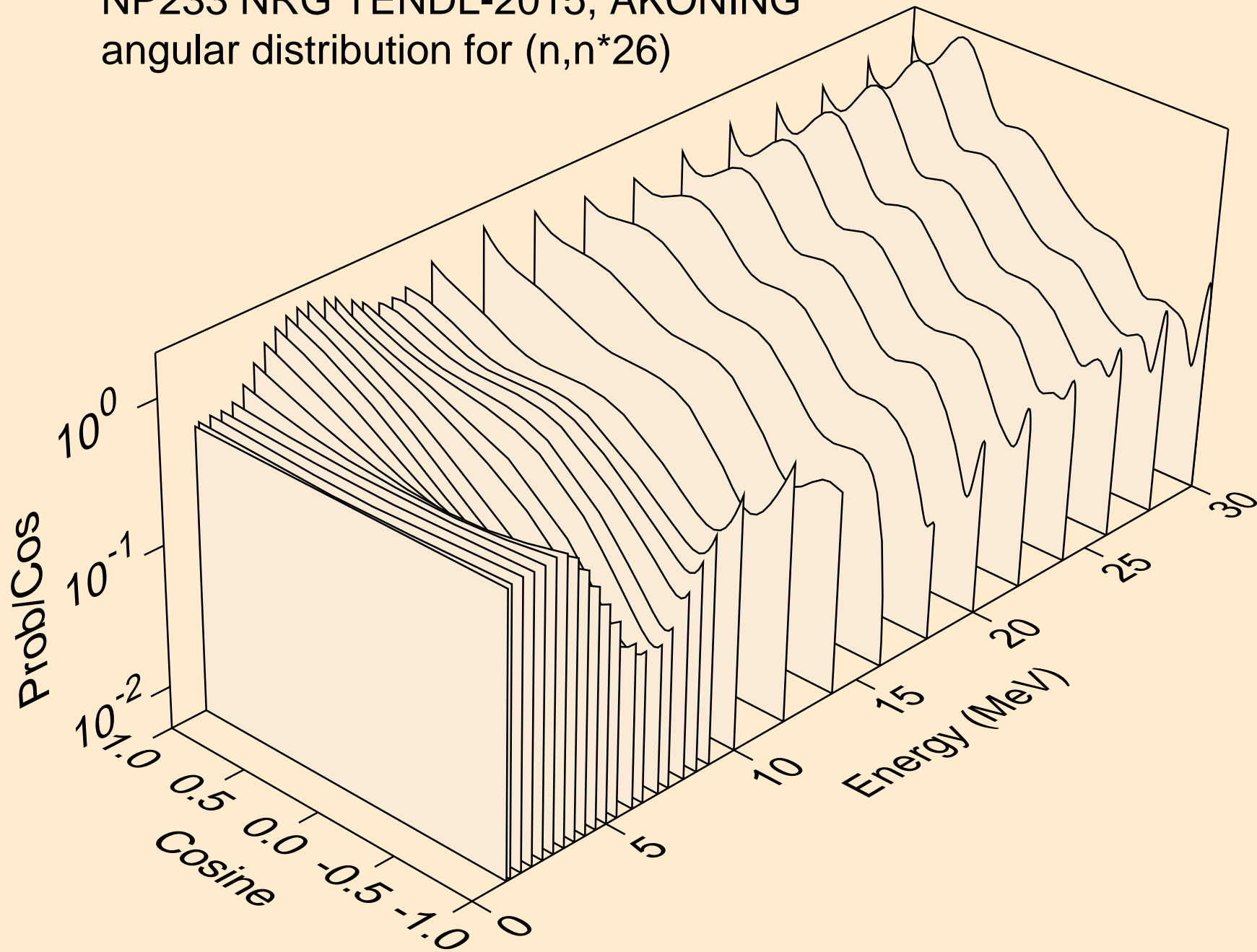
NP233 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



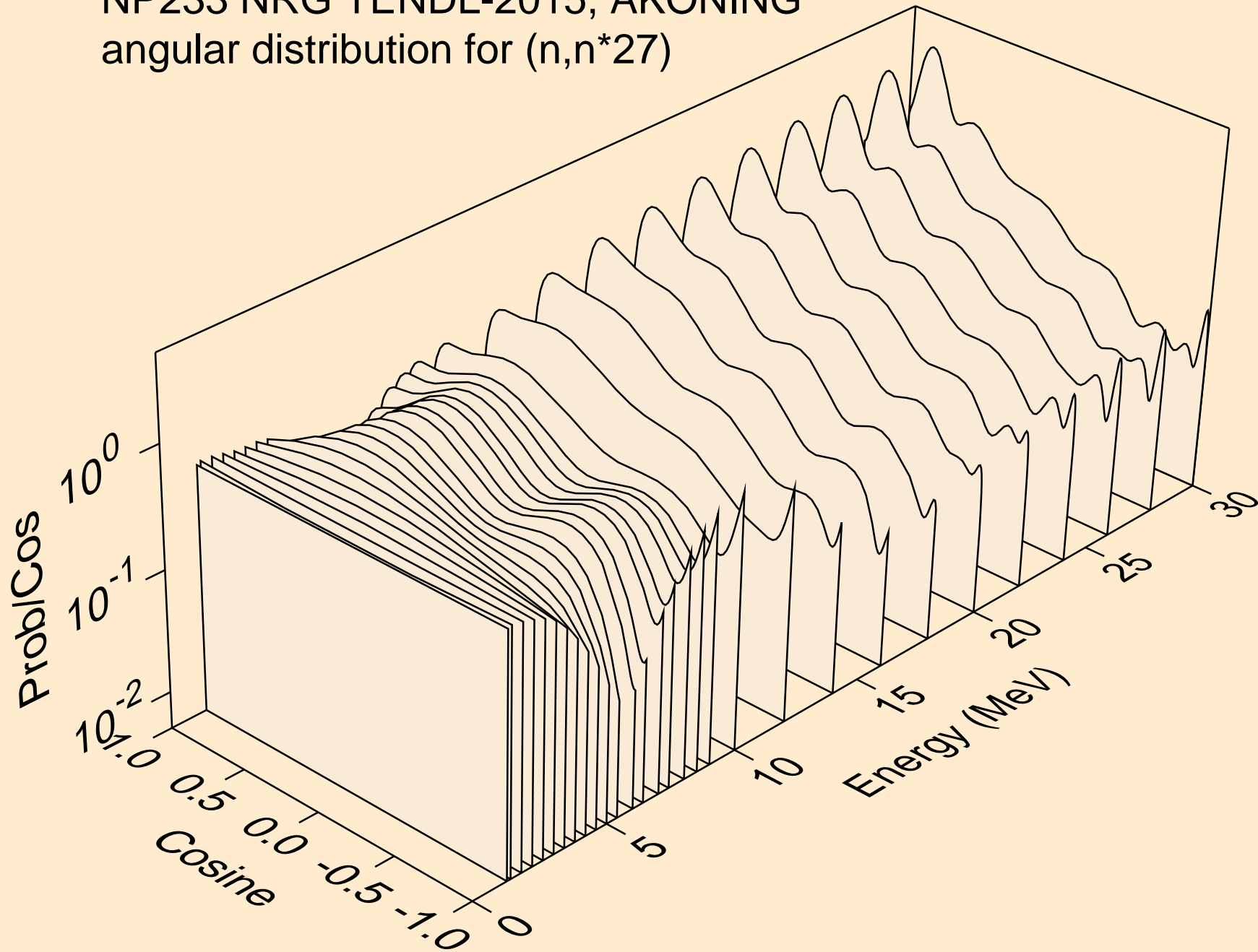
NP233 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



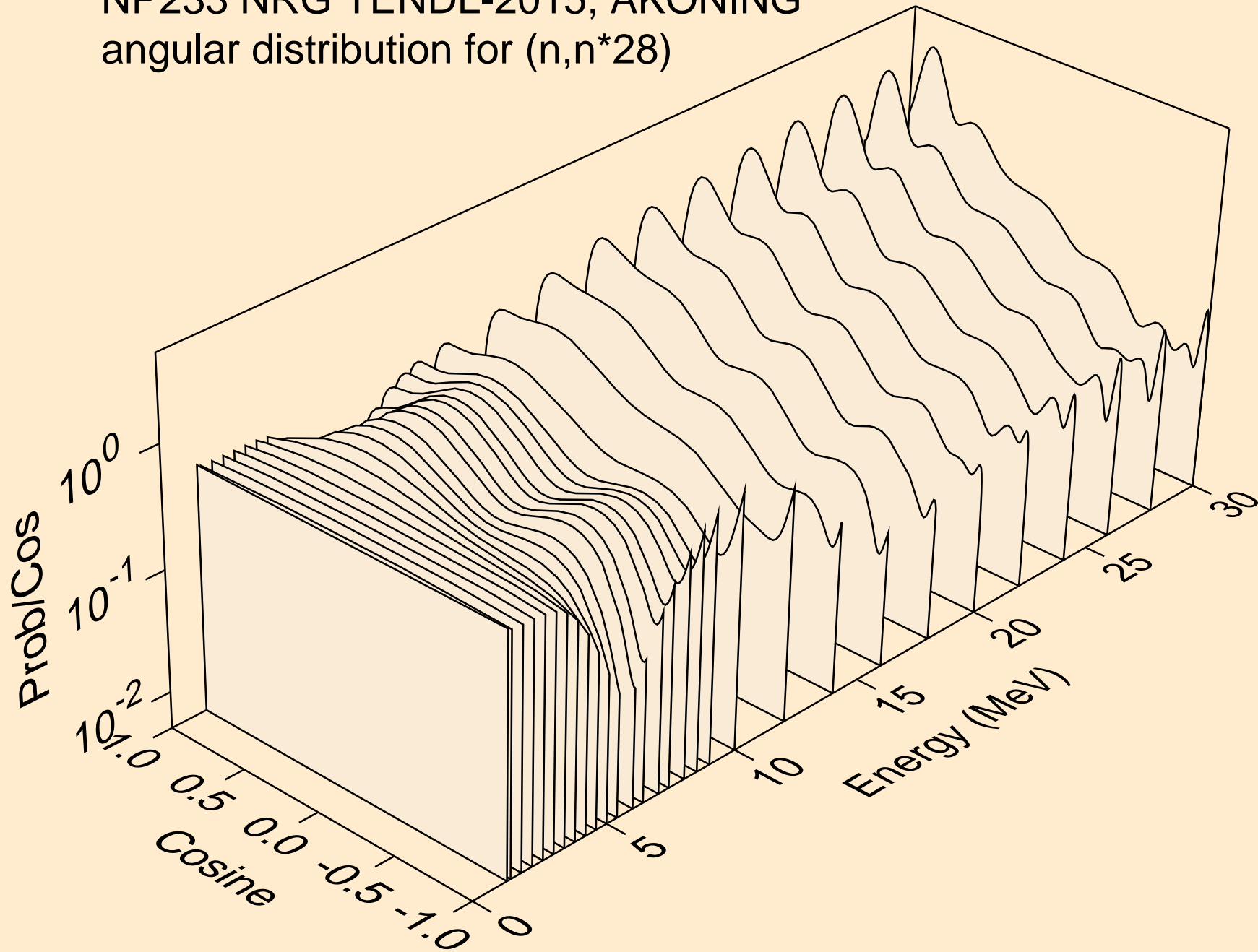
NP233 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



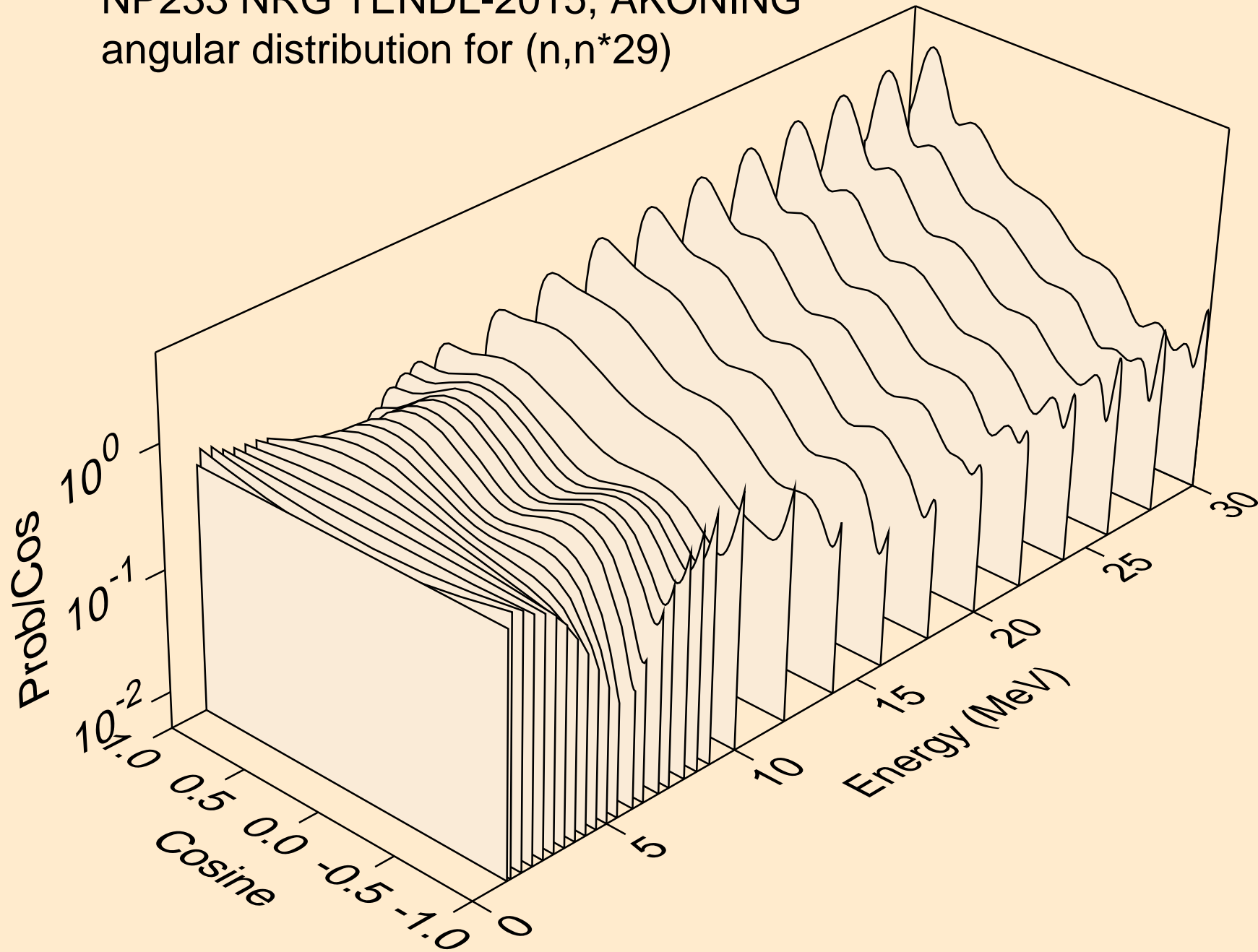
NP233 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



NP233 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)

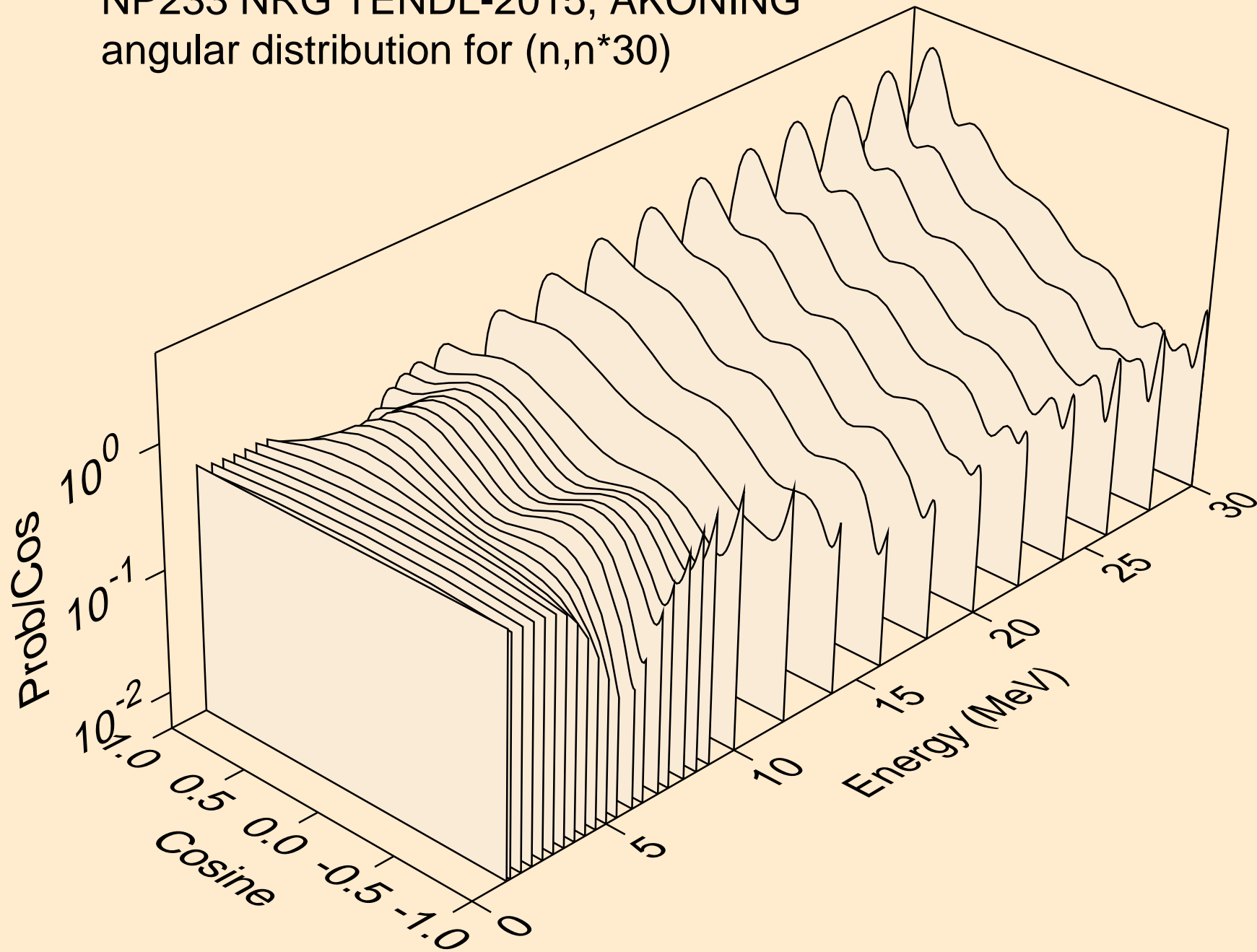


NP233 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



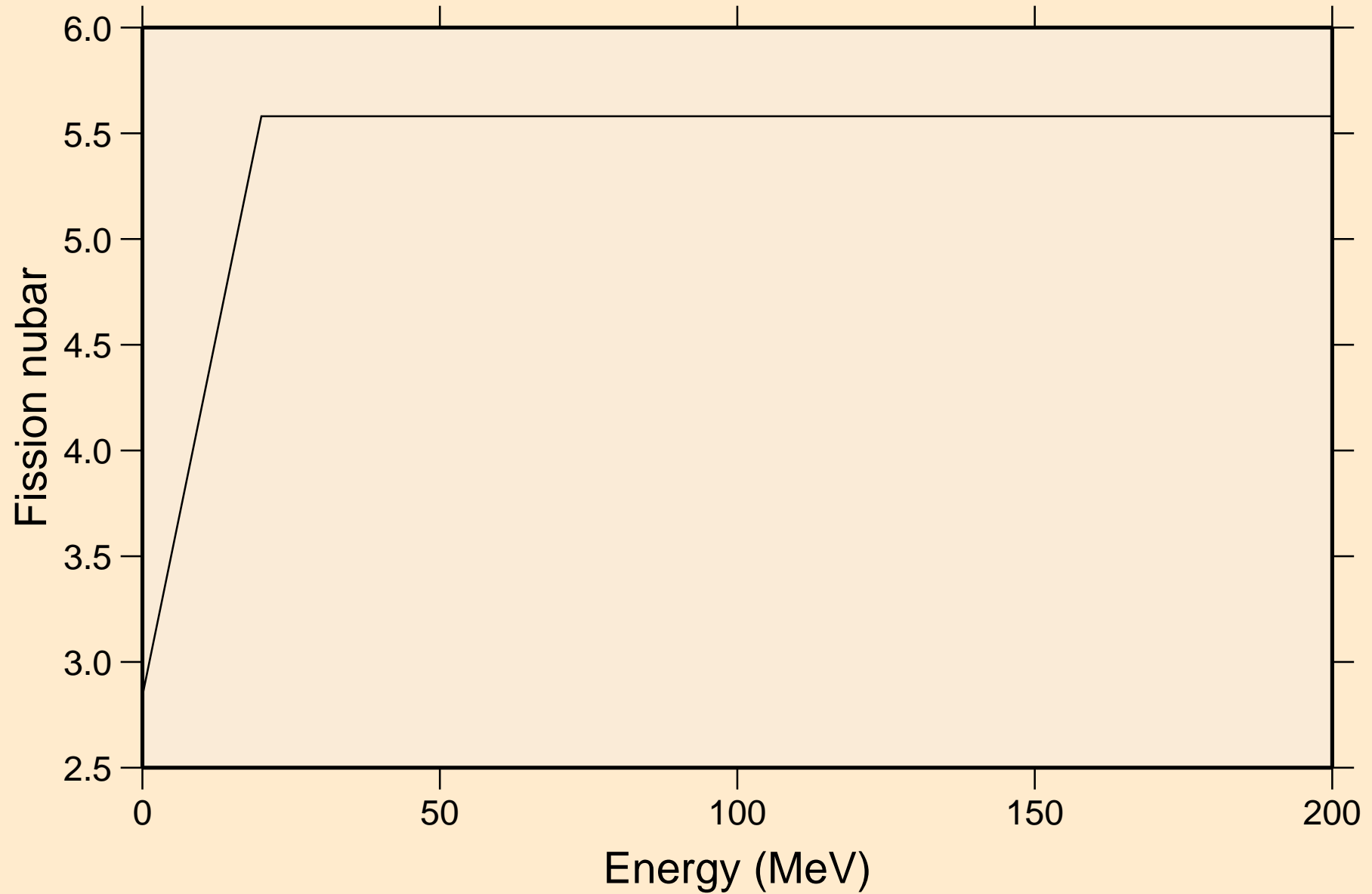


NP233 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

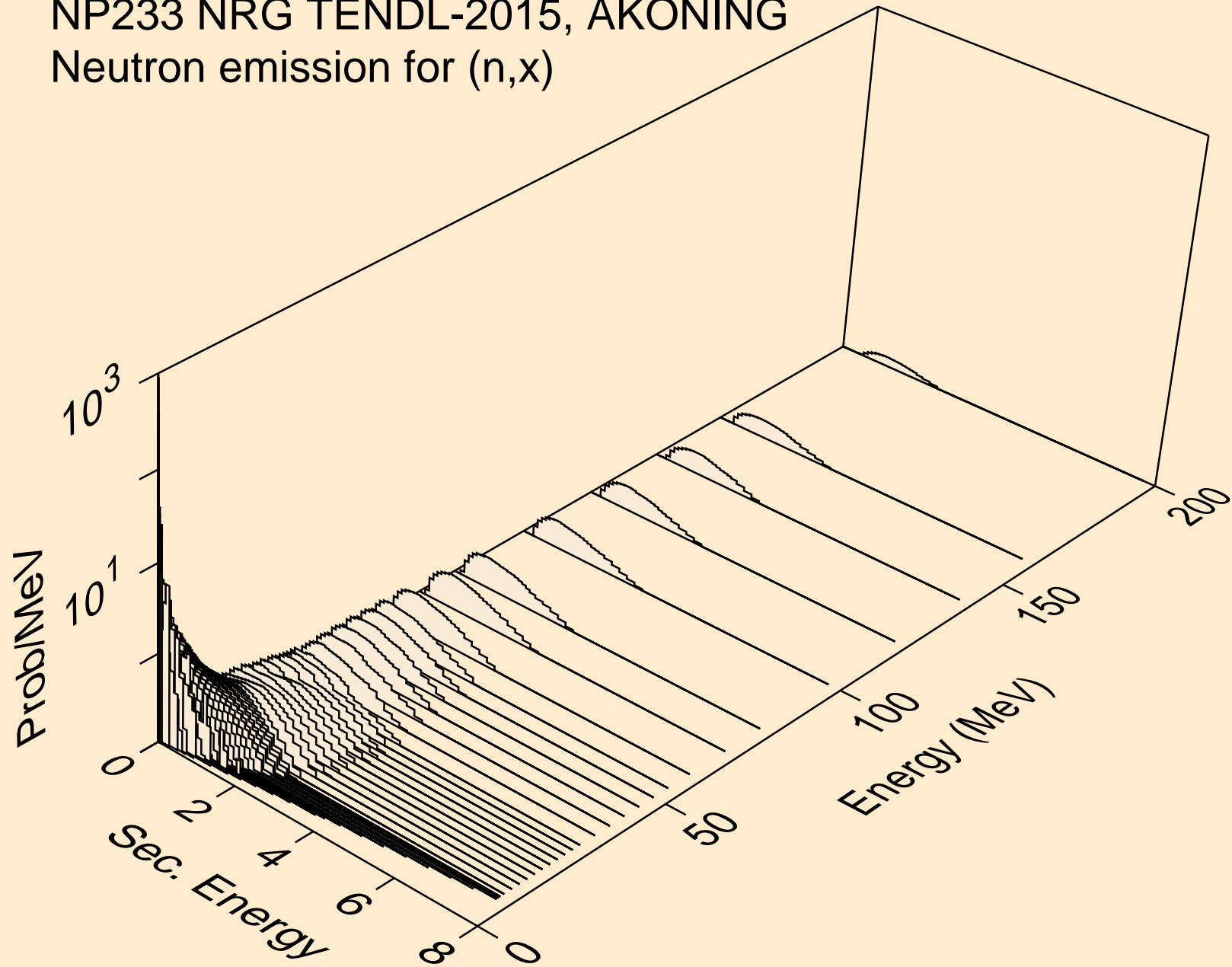


# NP233 NRG TENDL-2015, AKONING

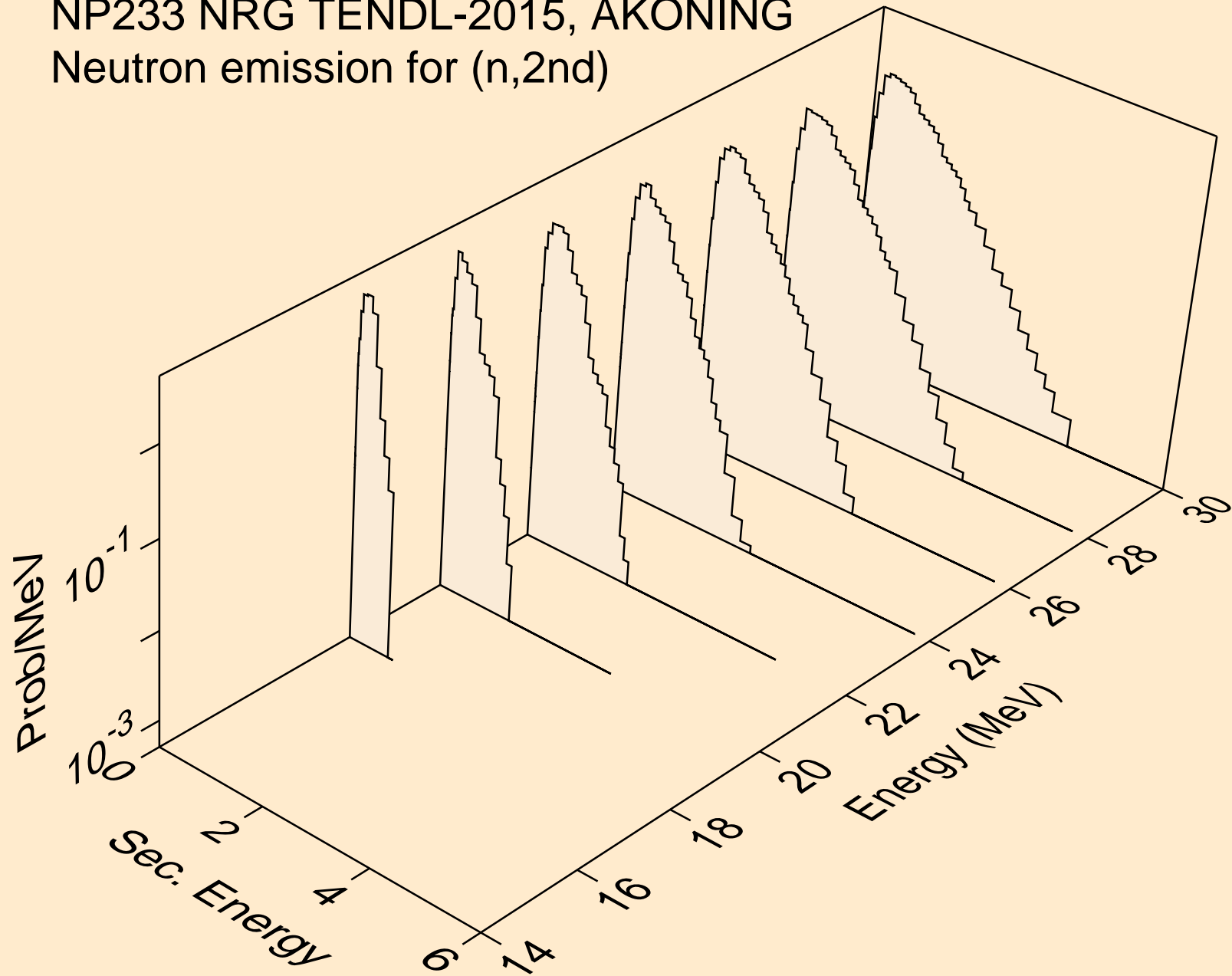
Total fission nubar



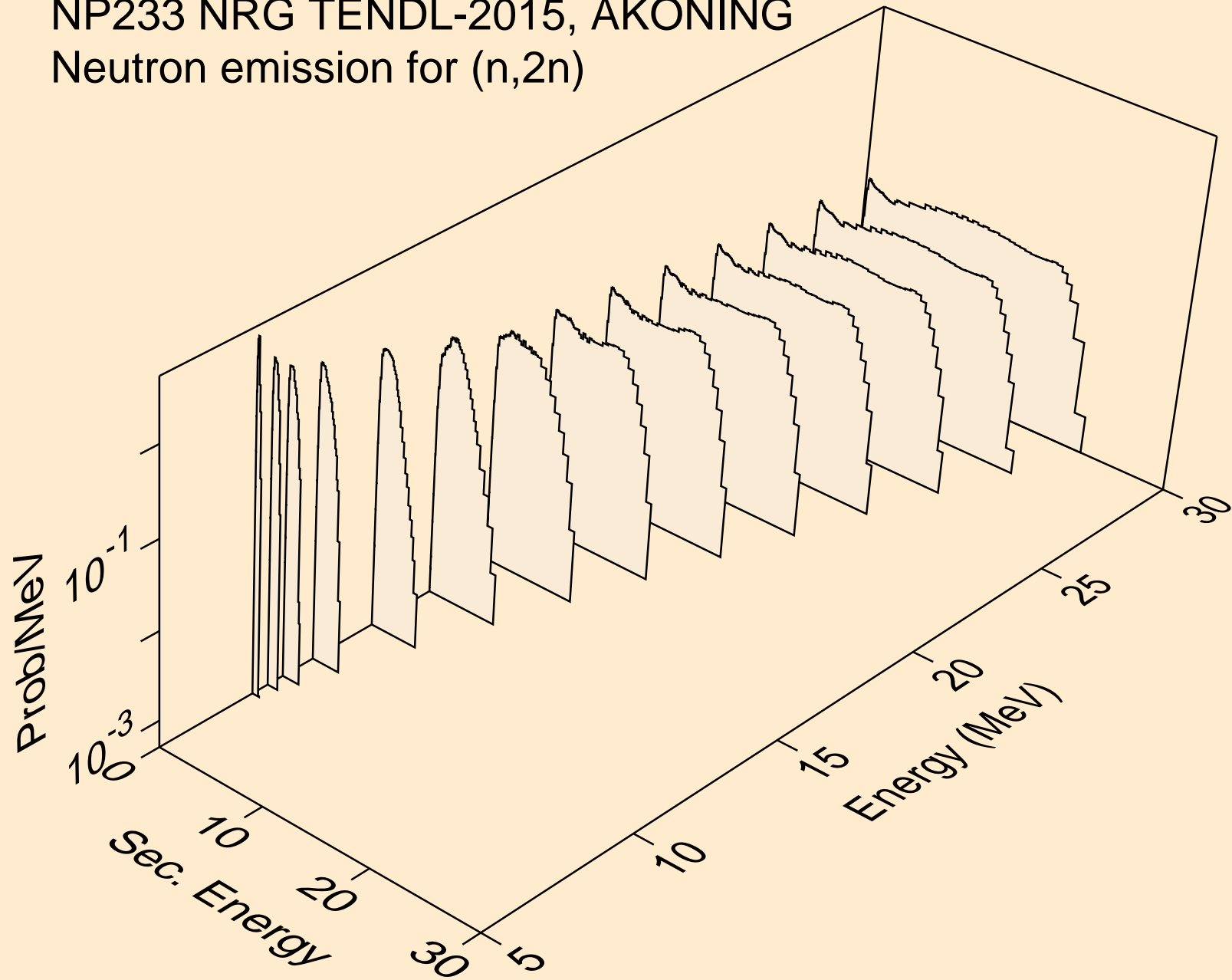
NP233 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



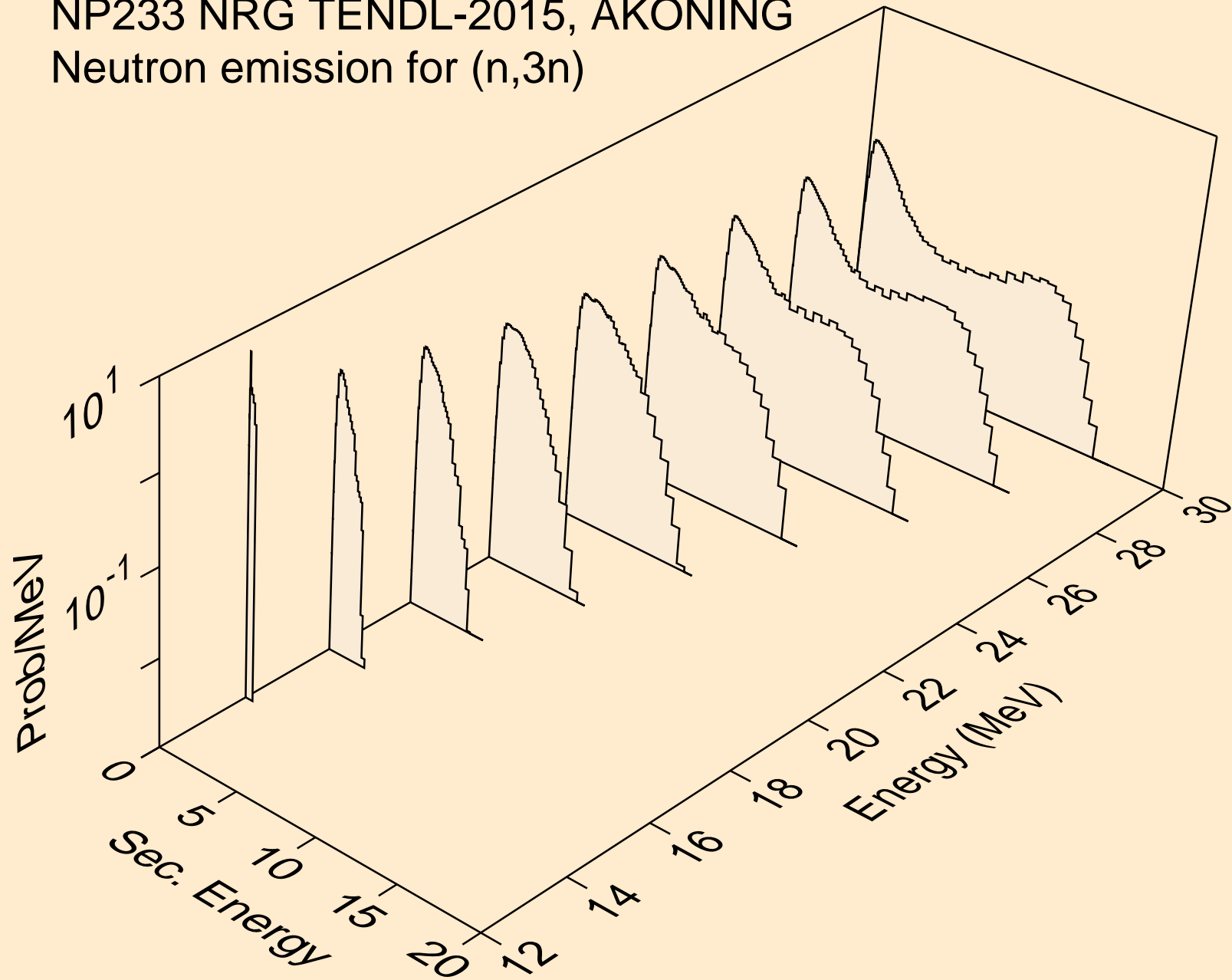
NP233 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



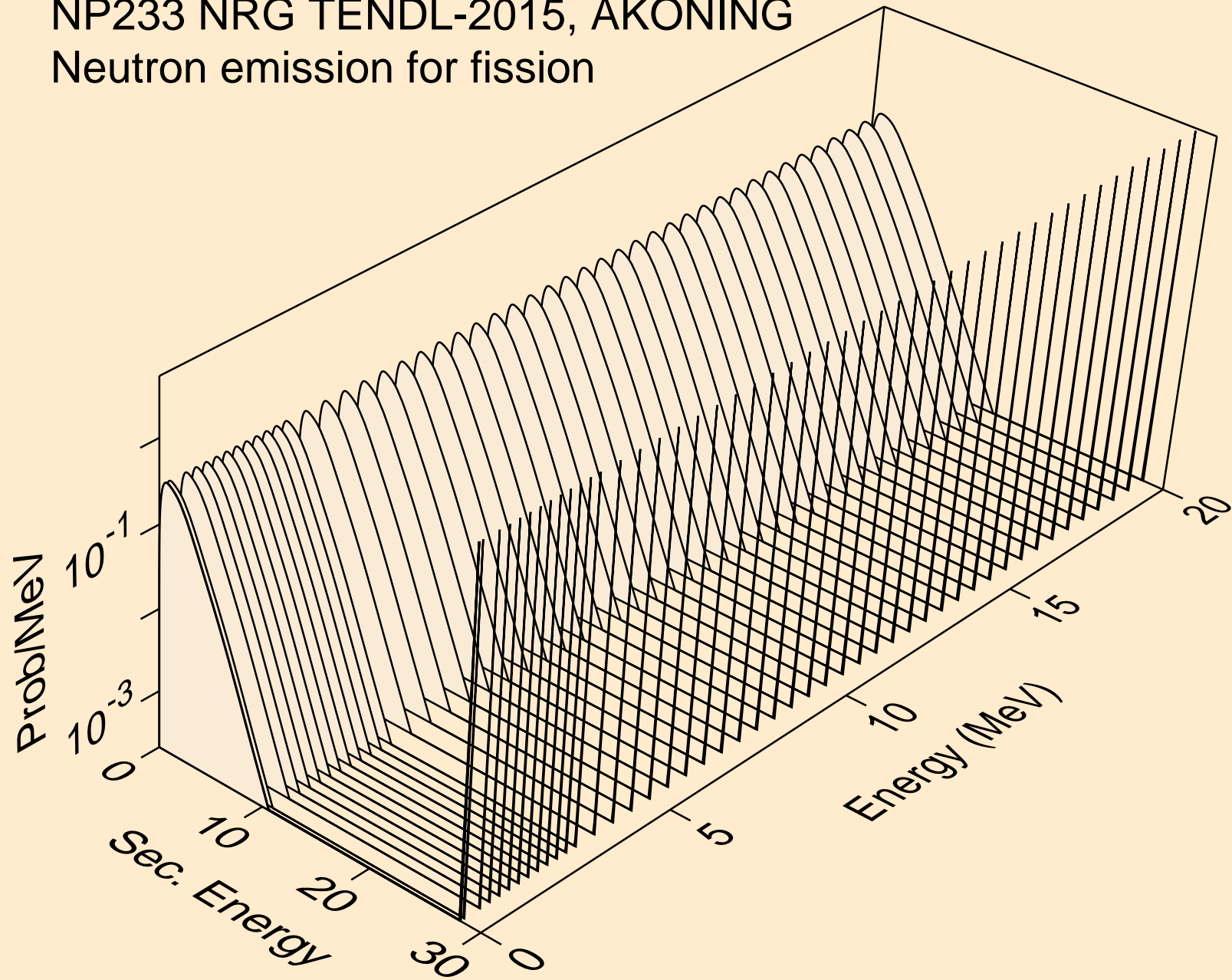
NP233 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



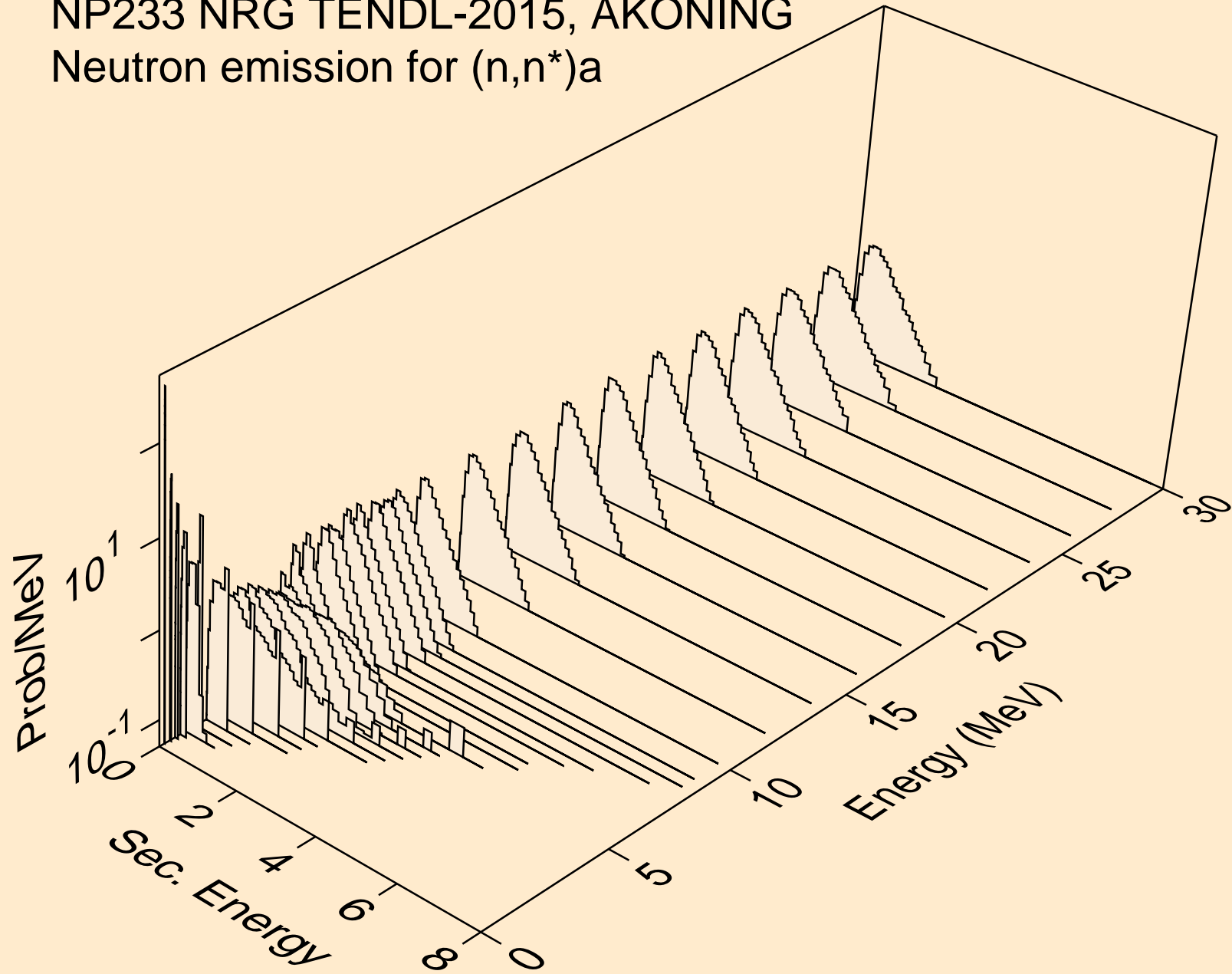
NP233 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



NP233 NRG TENDL-2015, AKONING  
Neutron emission for fission

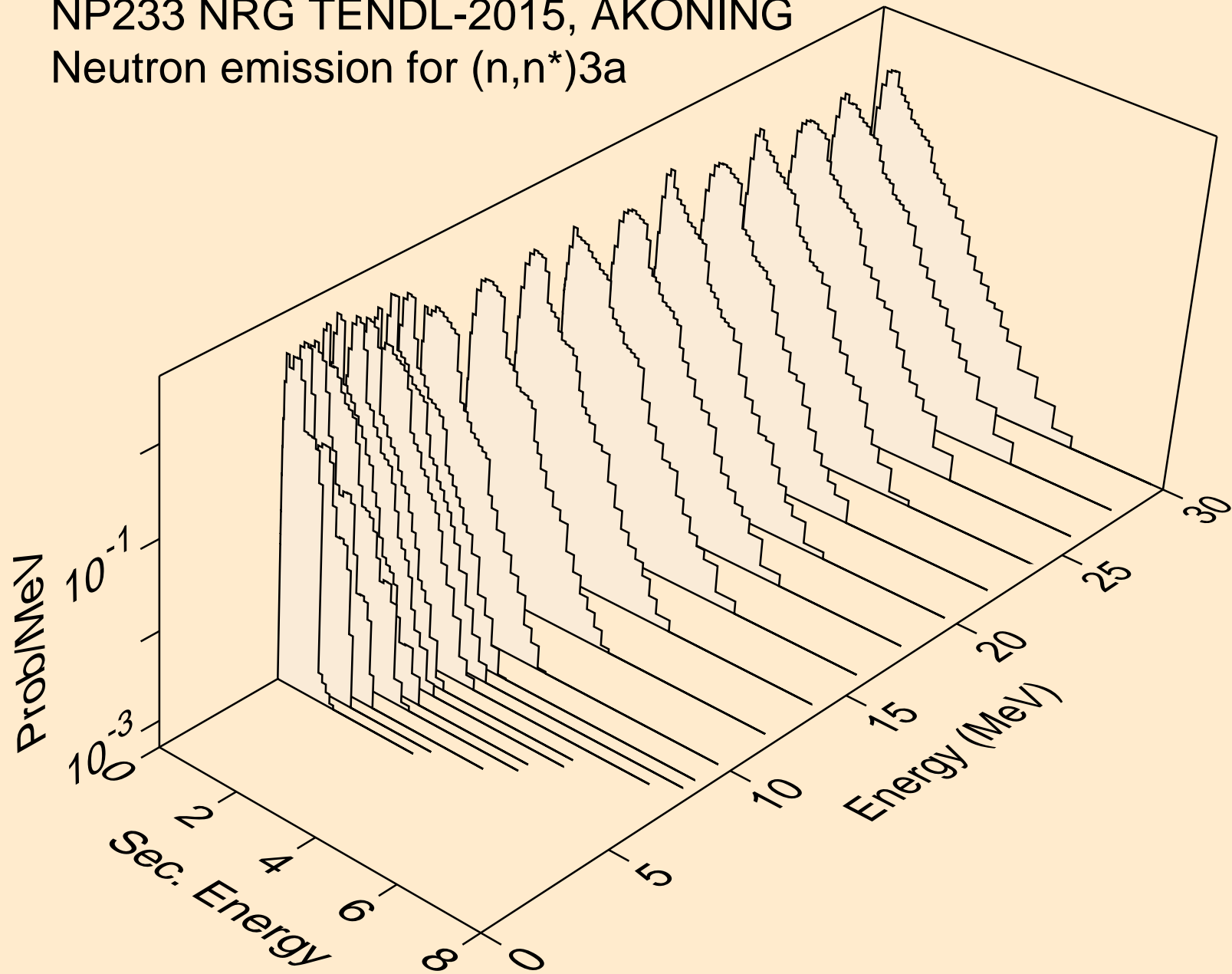


NP233 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a

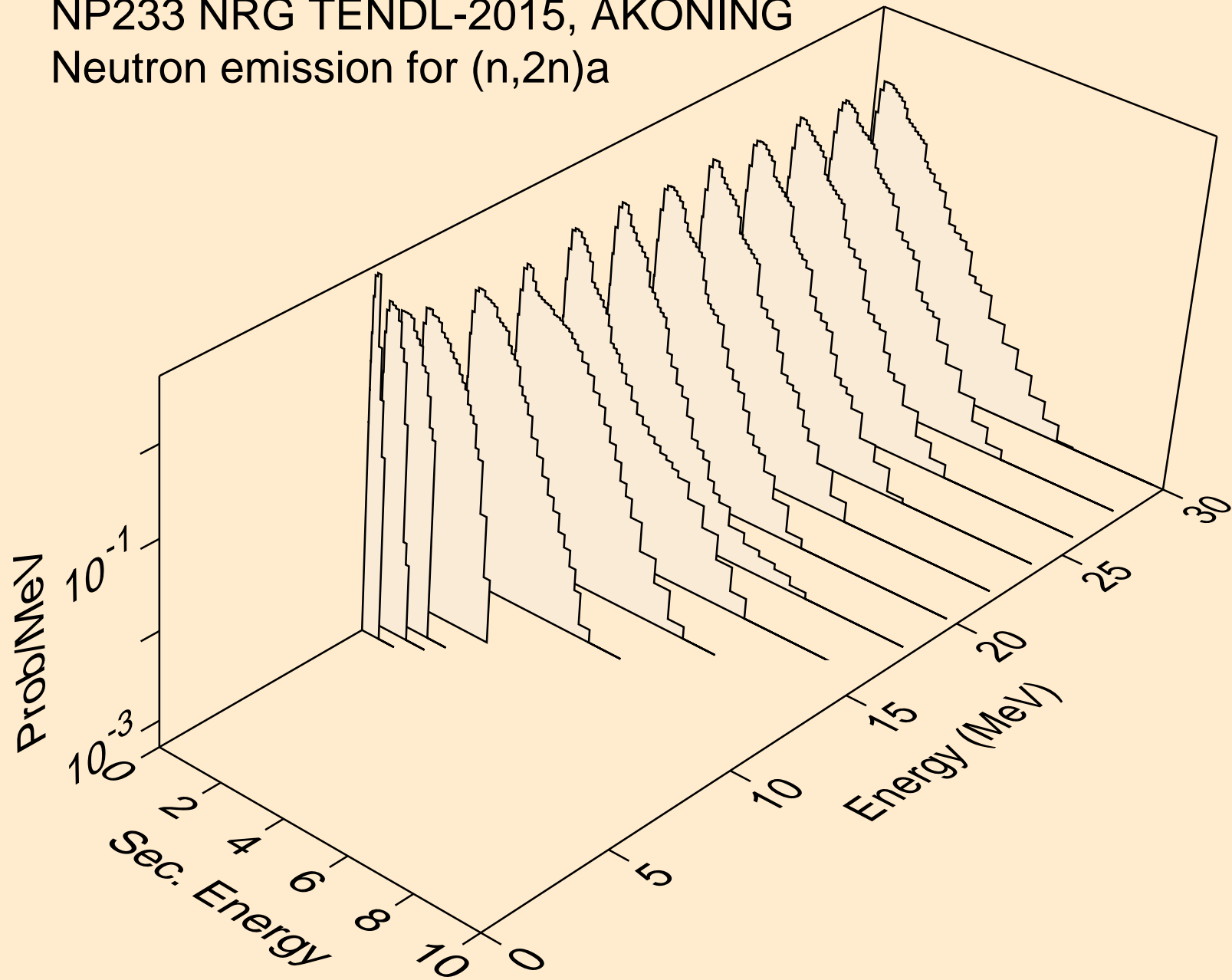




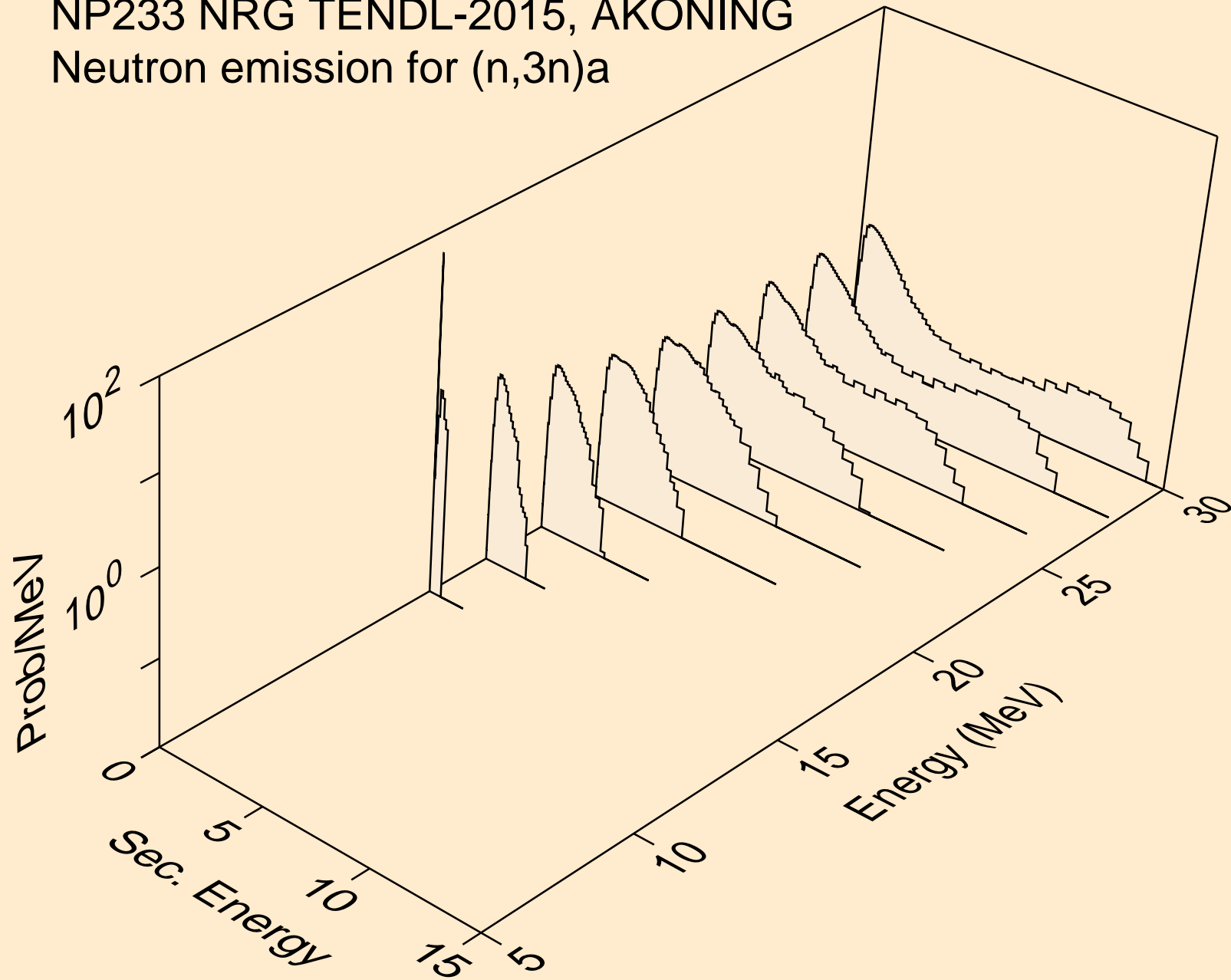
NP233 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a



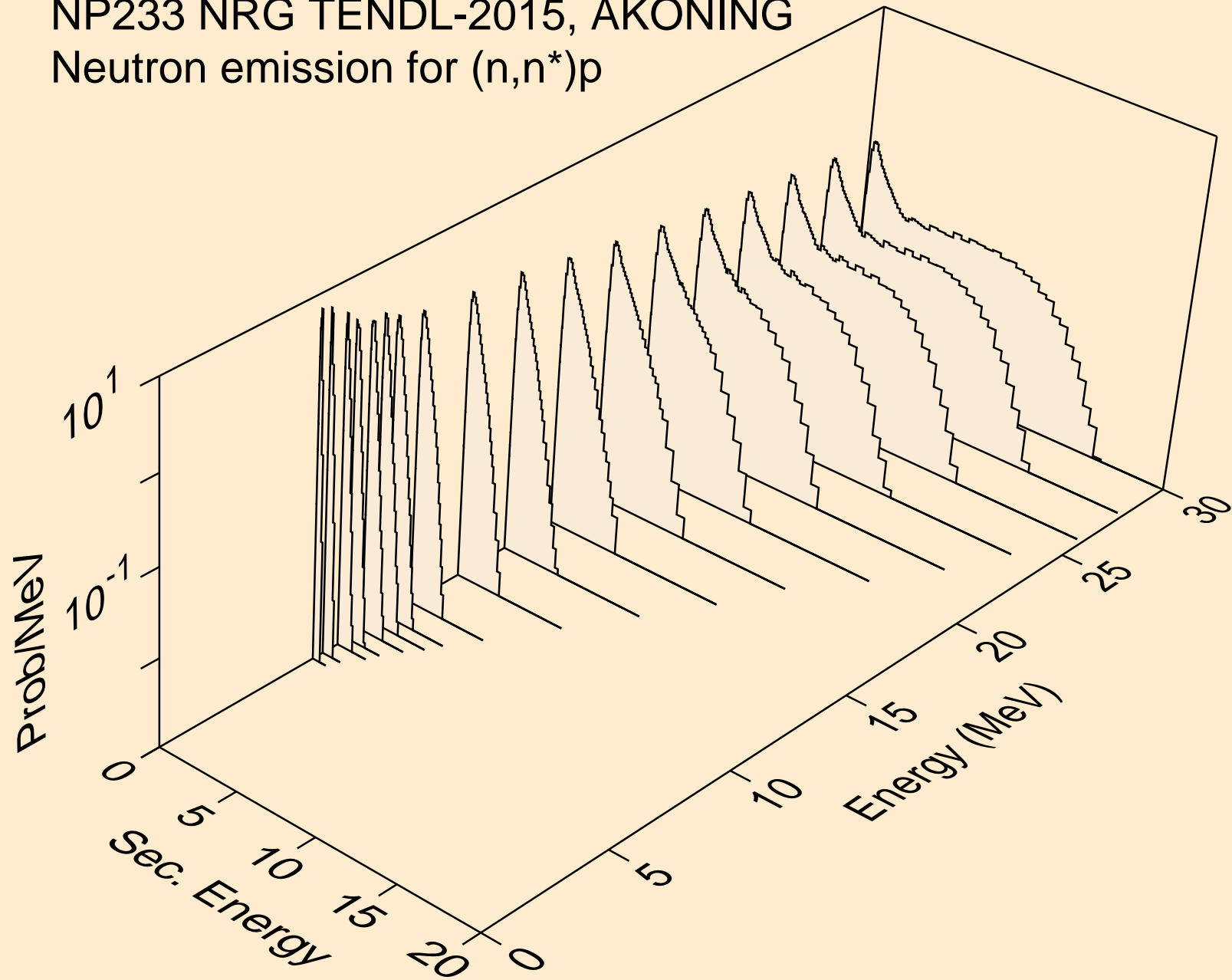
NP233 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)<sub>a</sub>



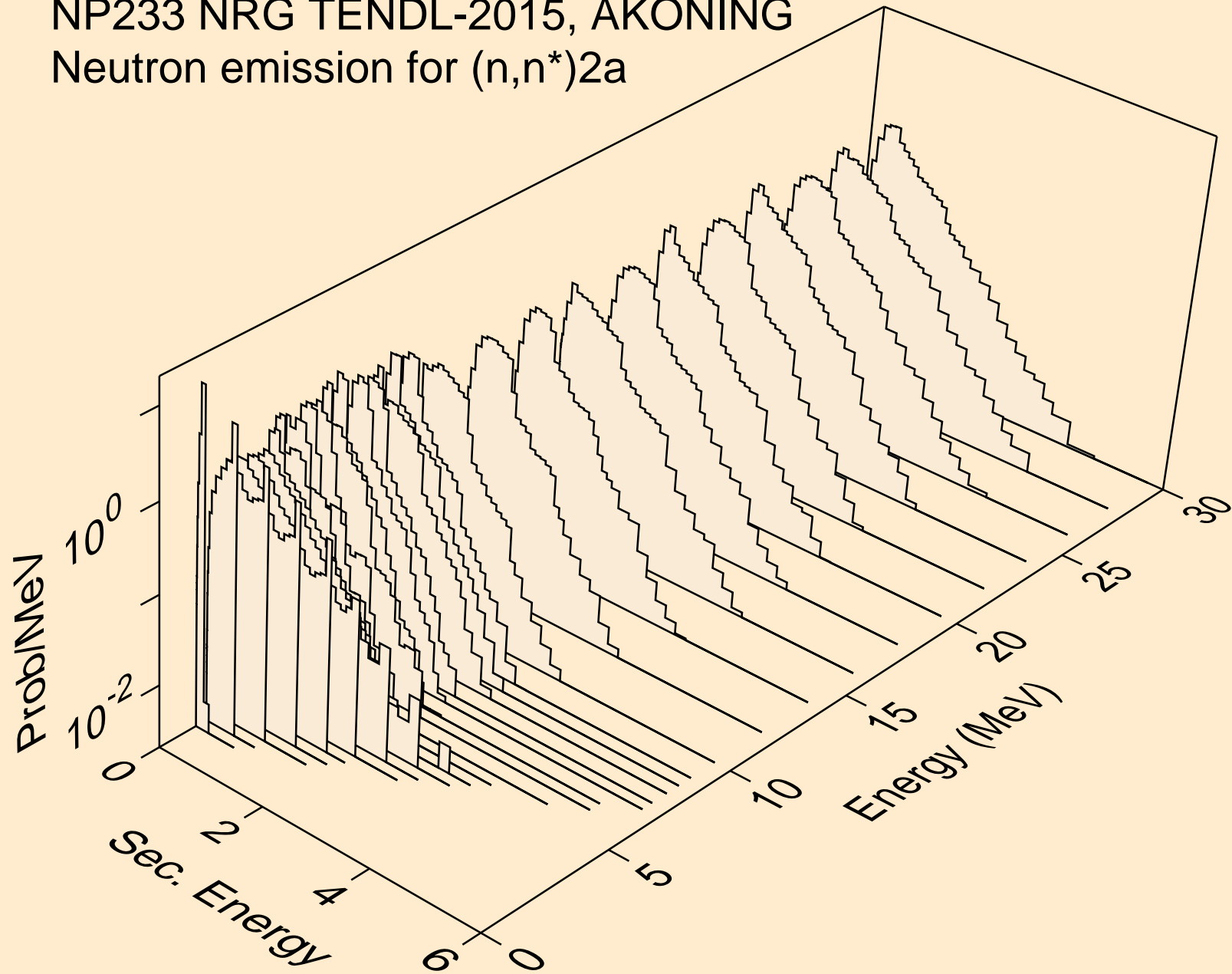
NP233 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



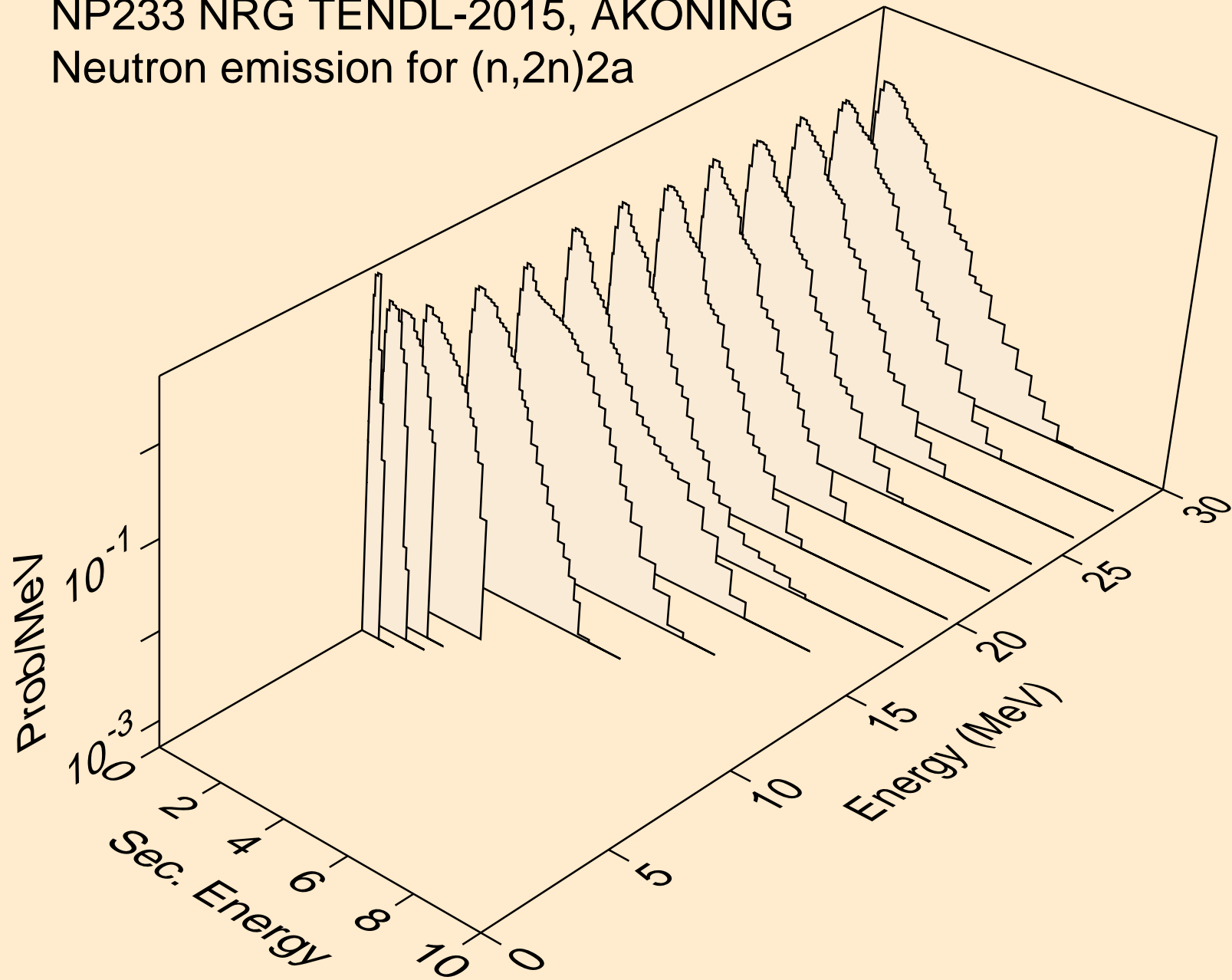
NP233 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



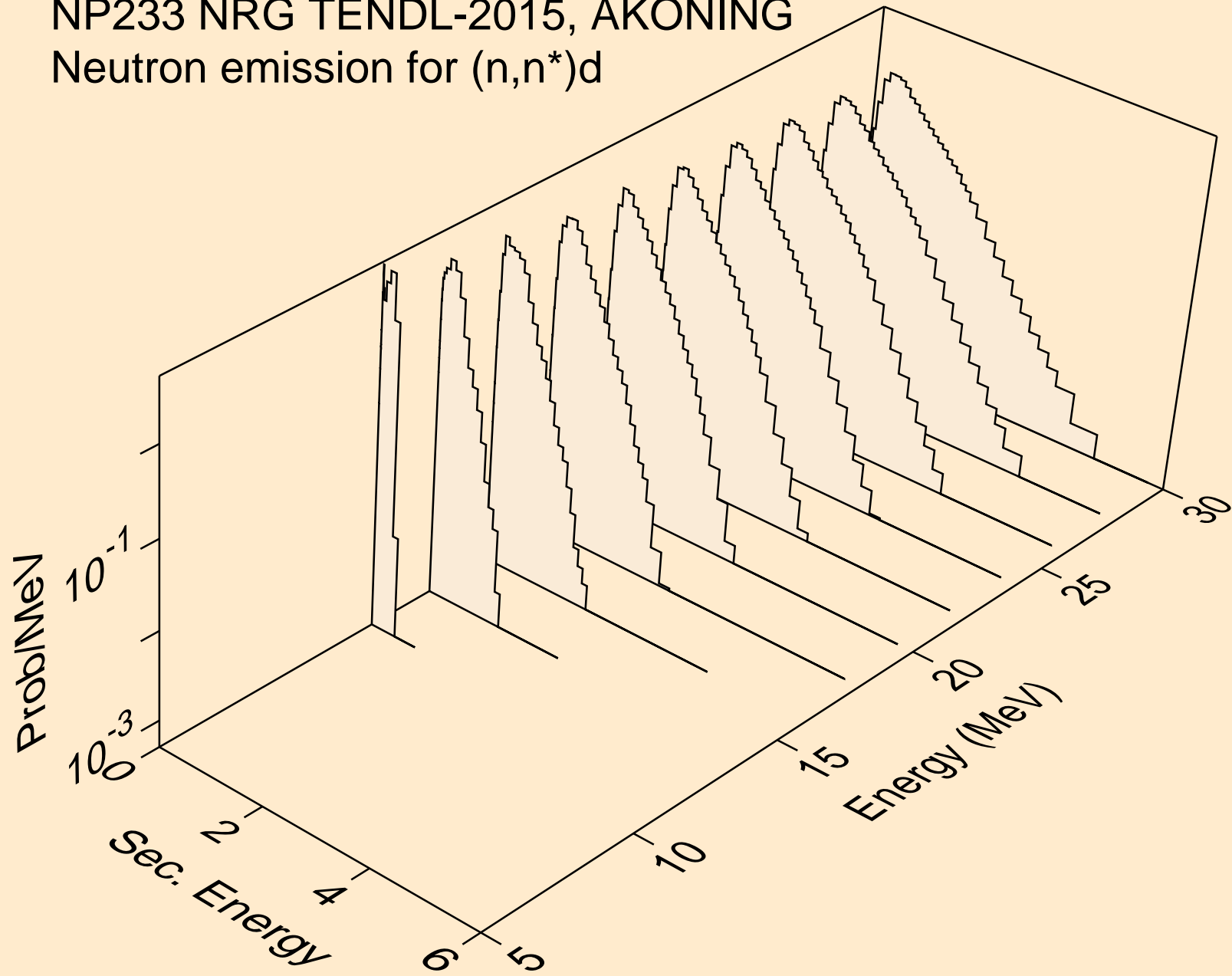
NP233 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



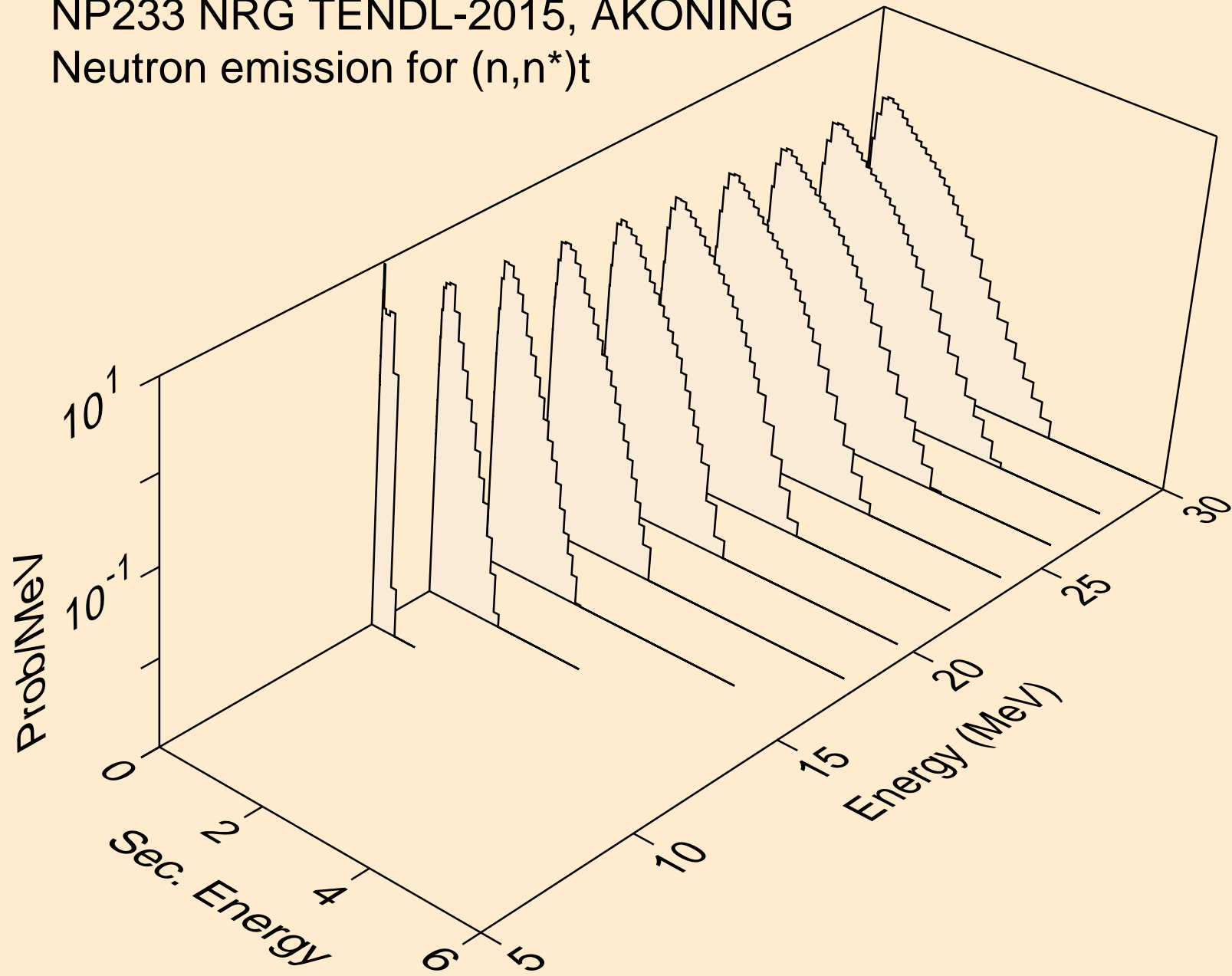
NP233 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



NP233 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

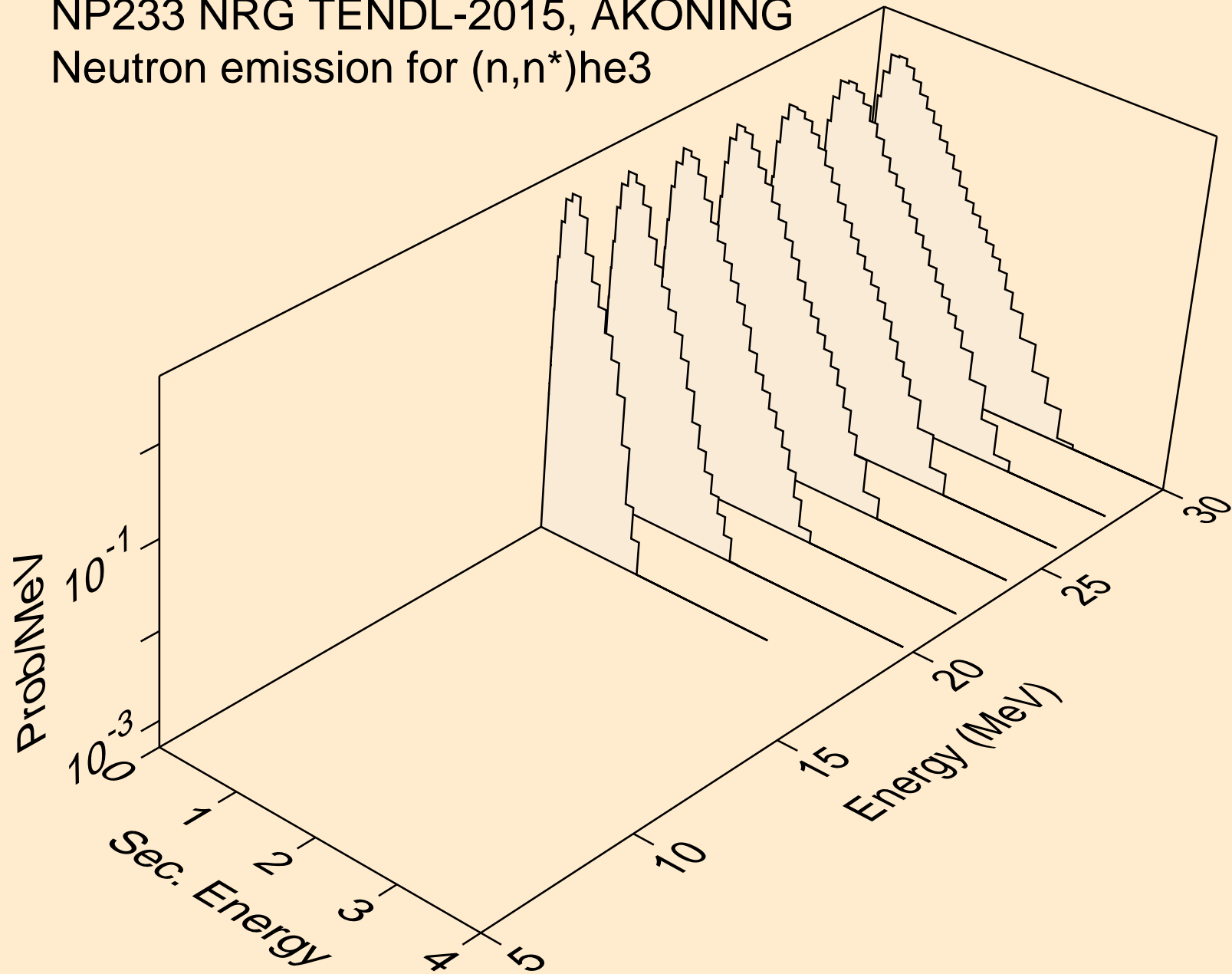


NP233 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

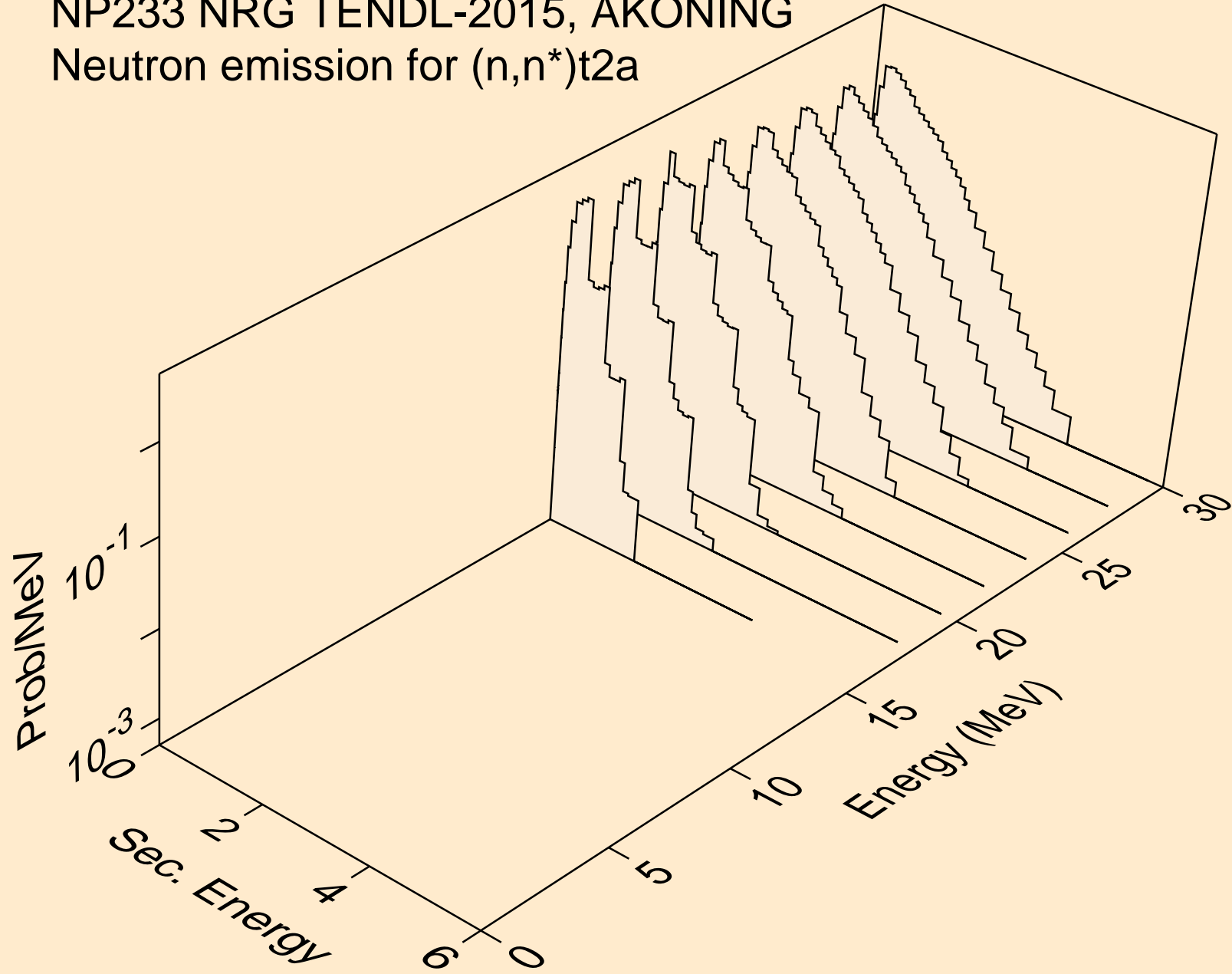




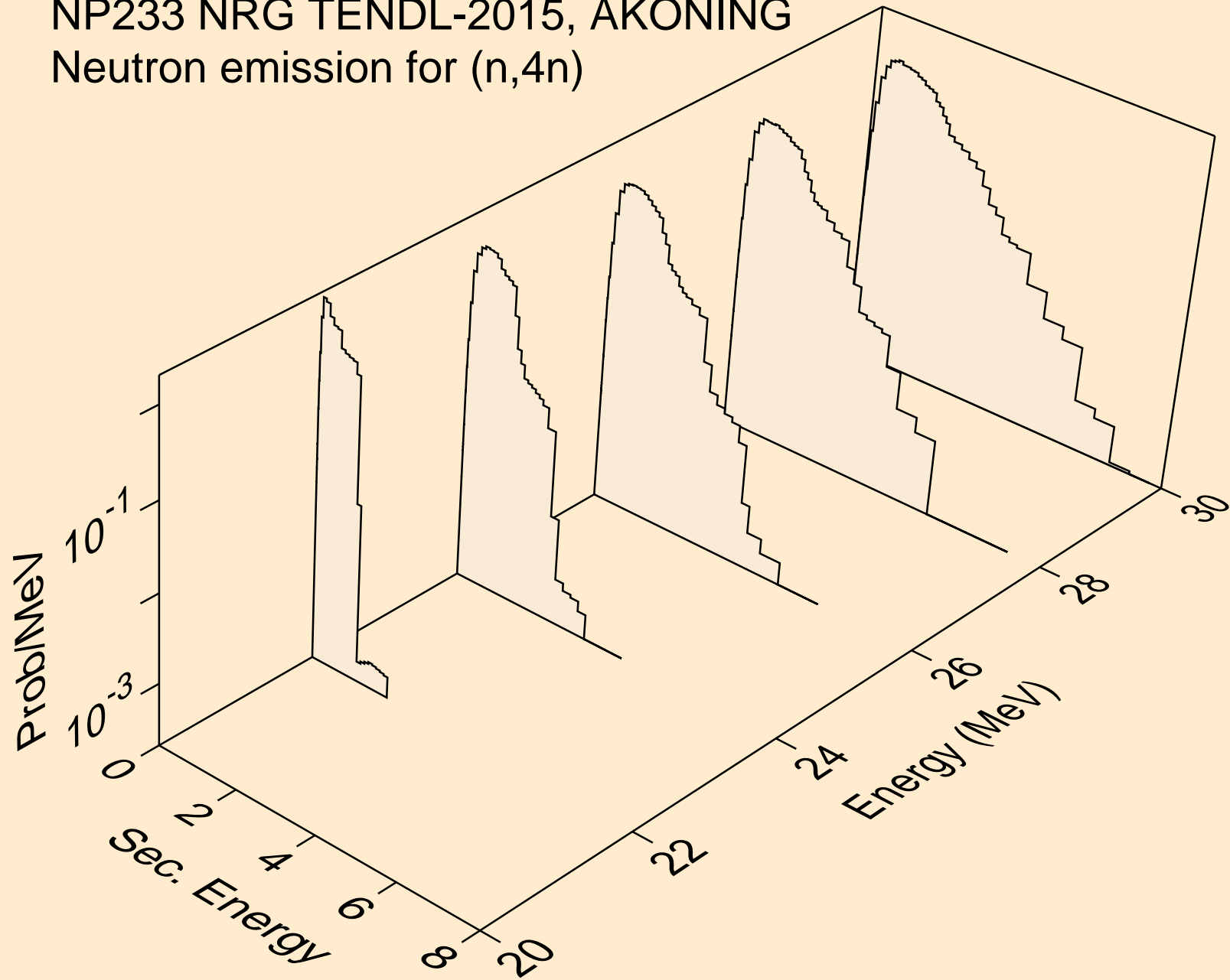
NP233 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



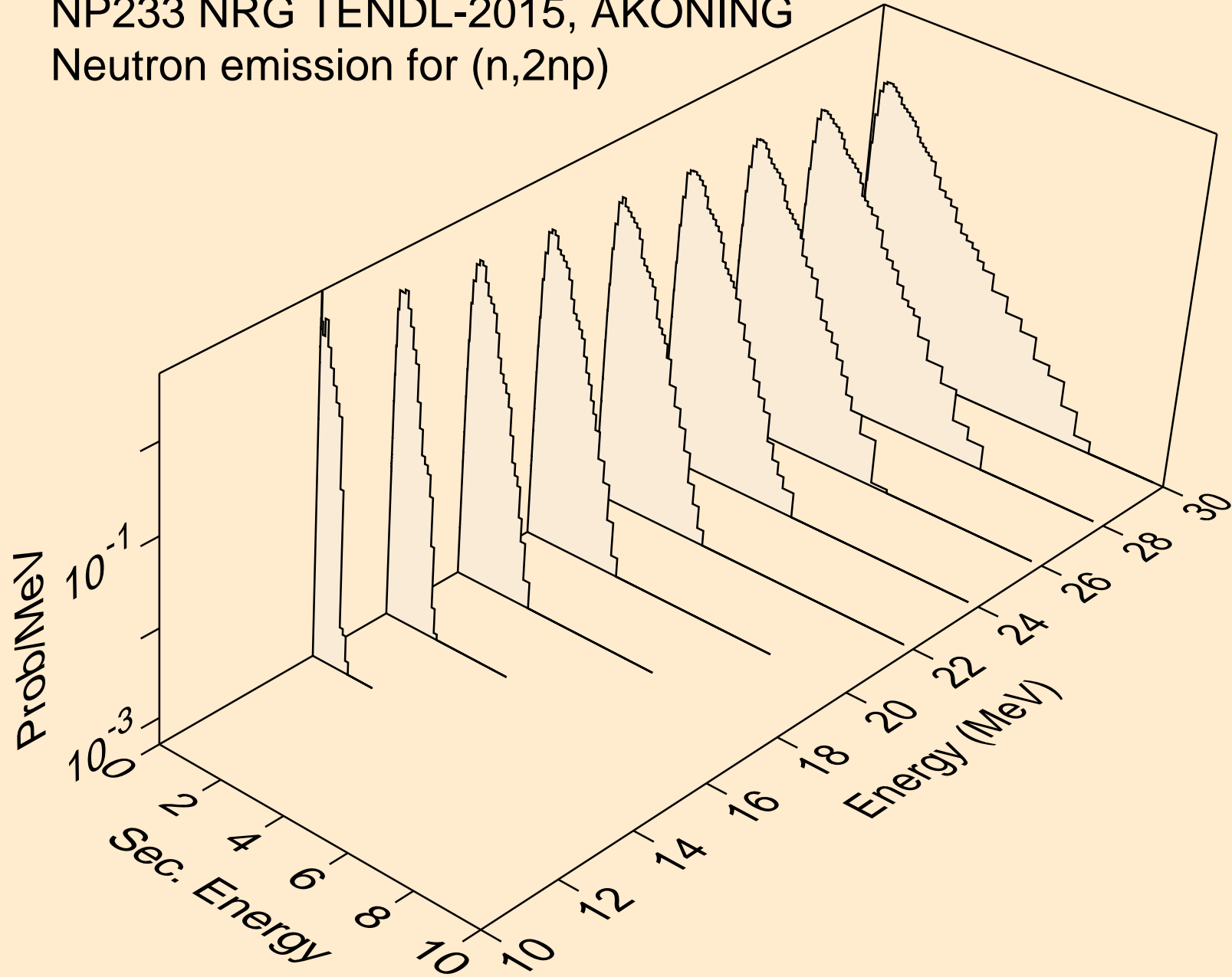
NP233 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t2a



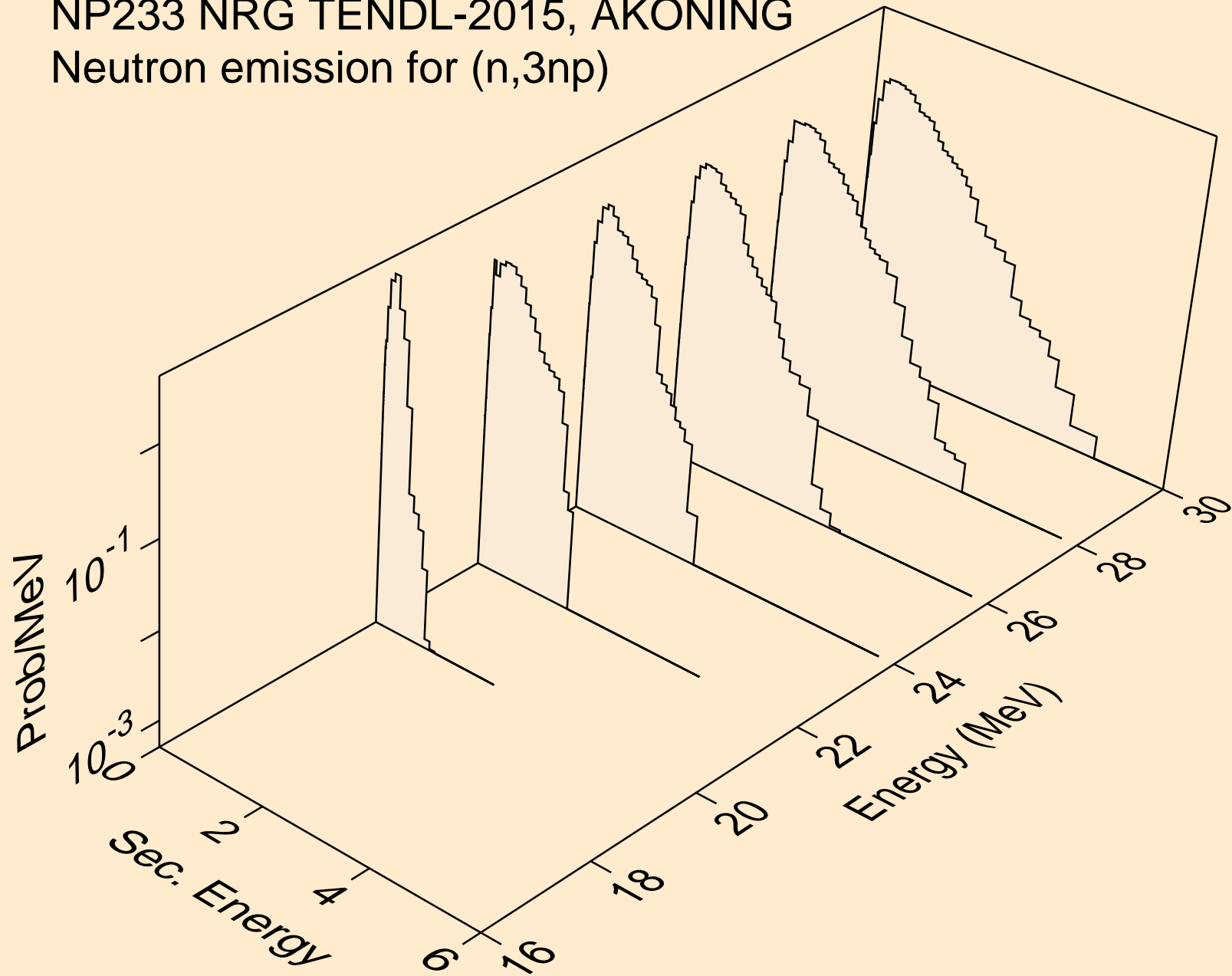
NP233 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



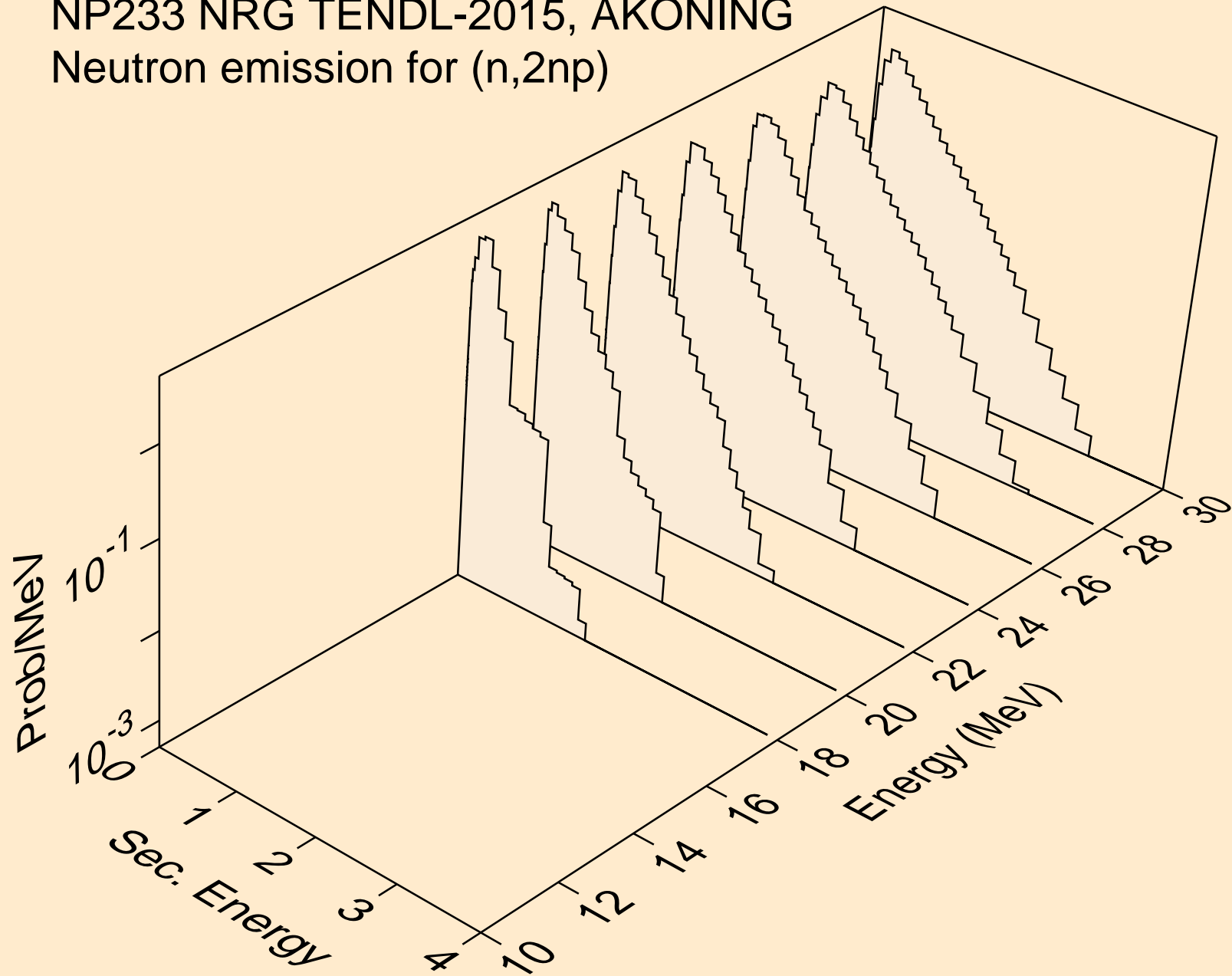
NP233 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



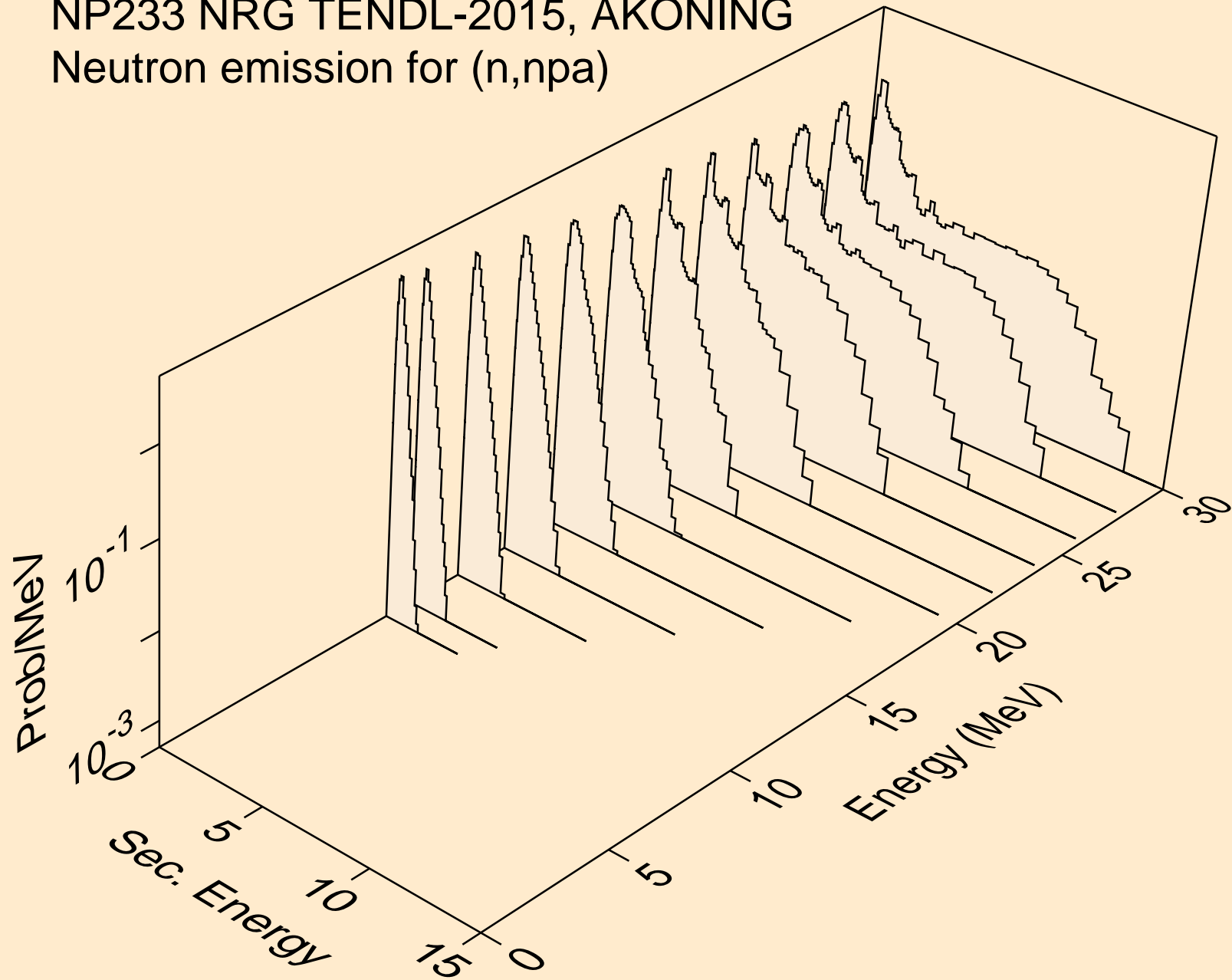
NP233 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



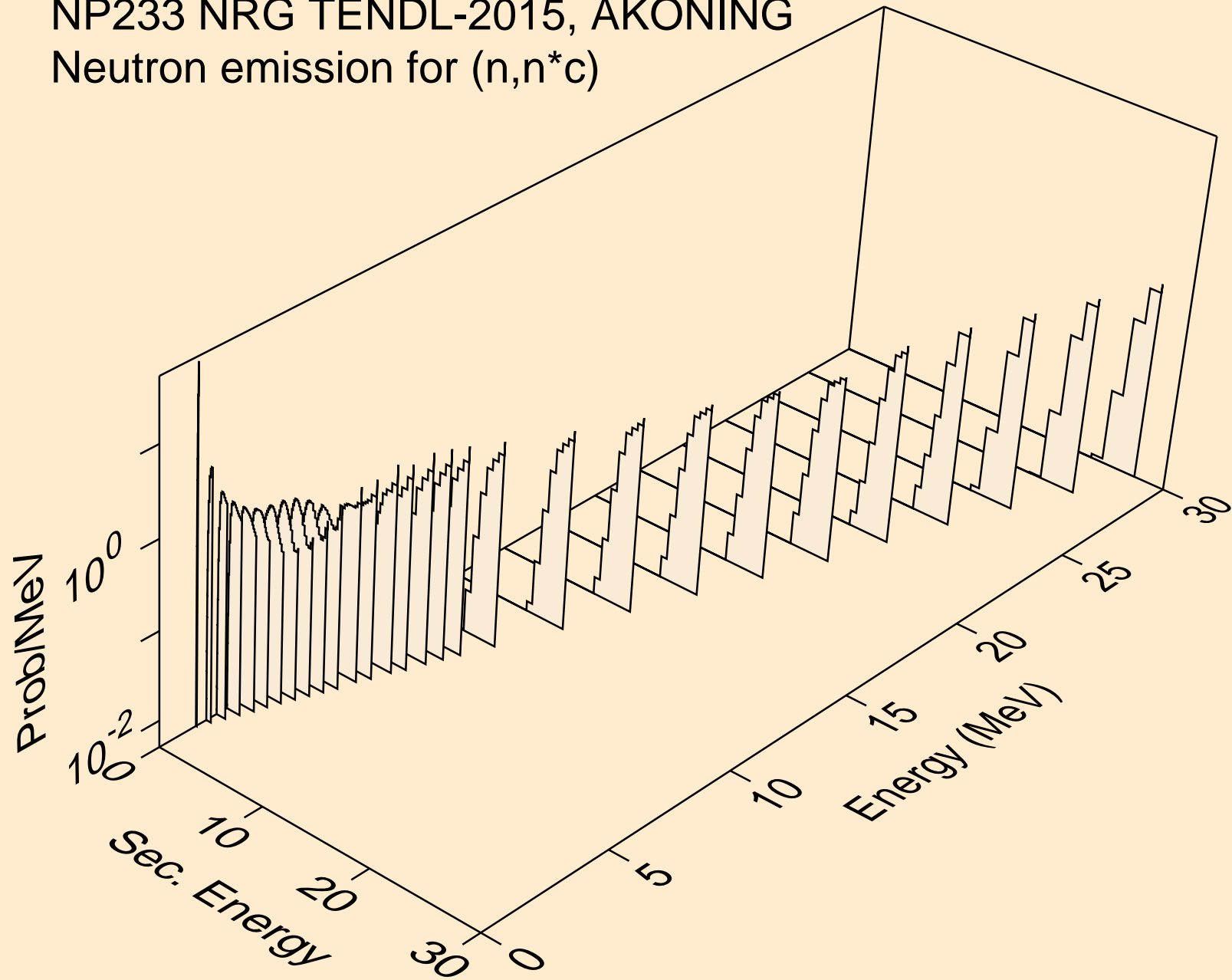
NP233 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



NP233 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



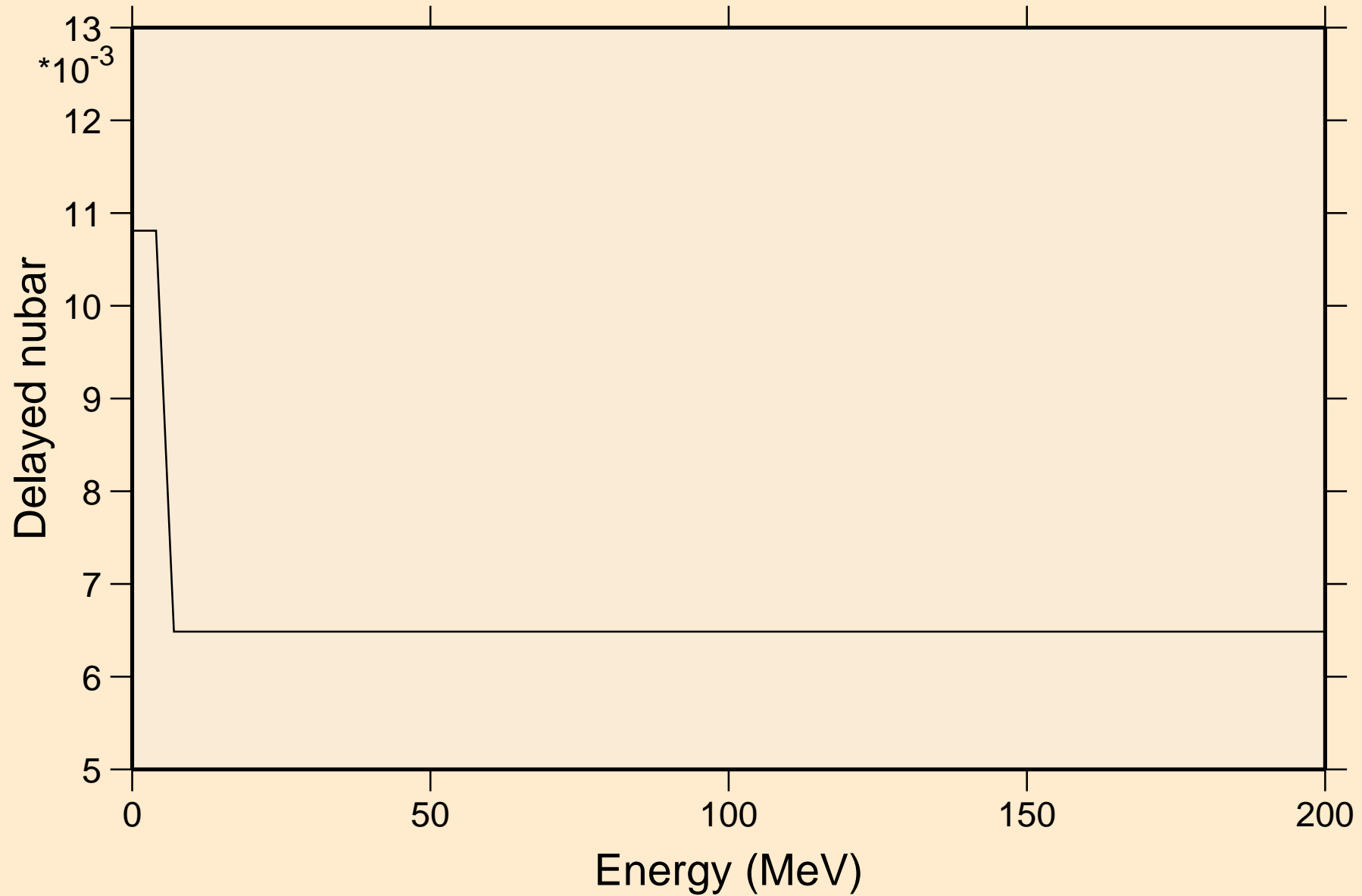
NP233 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)





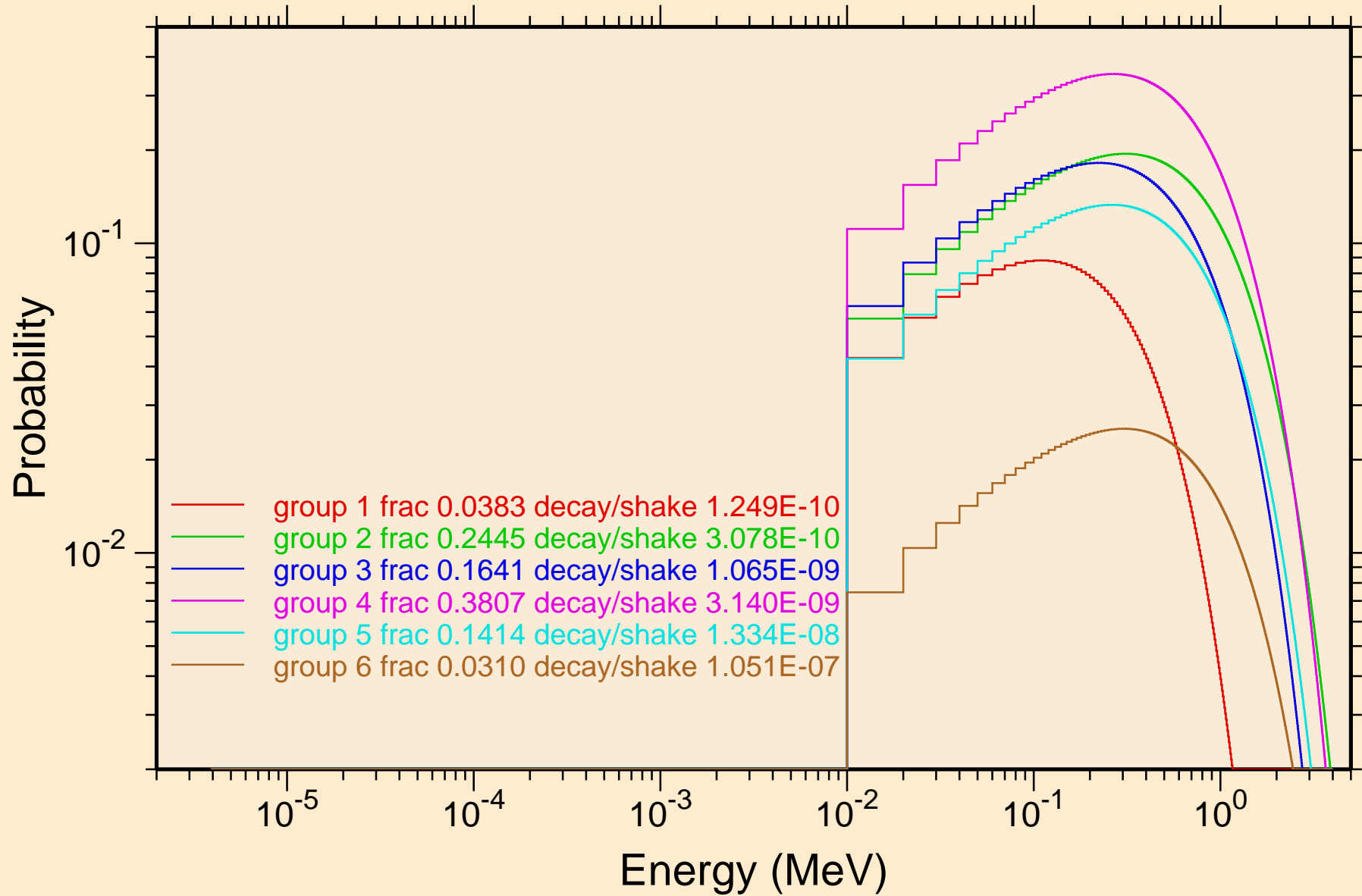
# NP233 NRG TENDL-2015, AKONING

## Delayed nubar

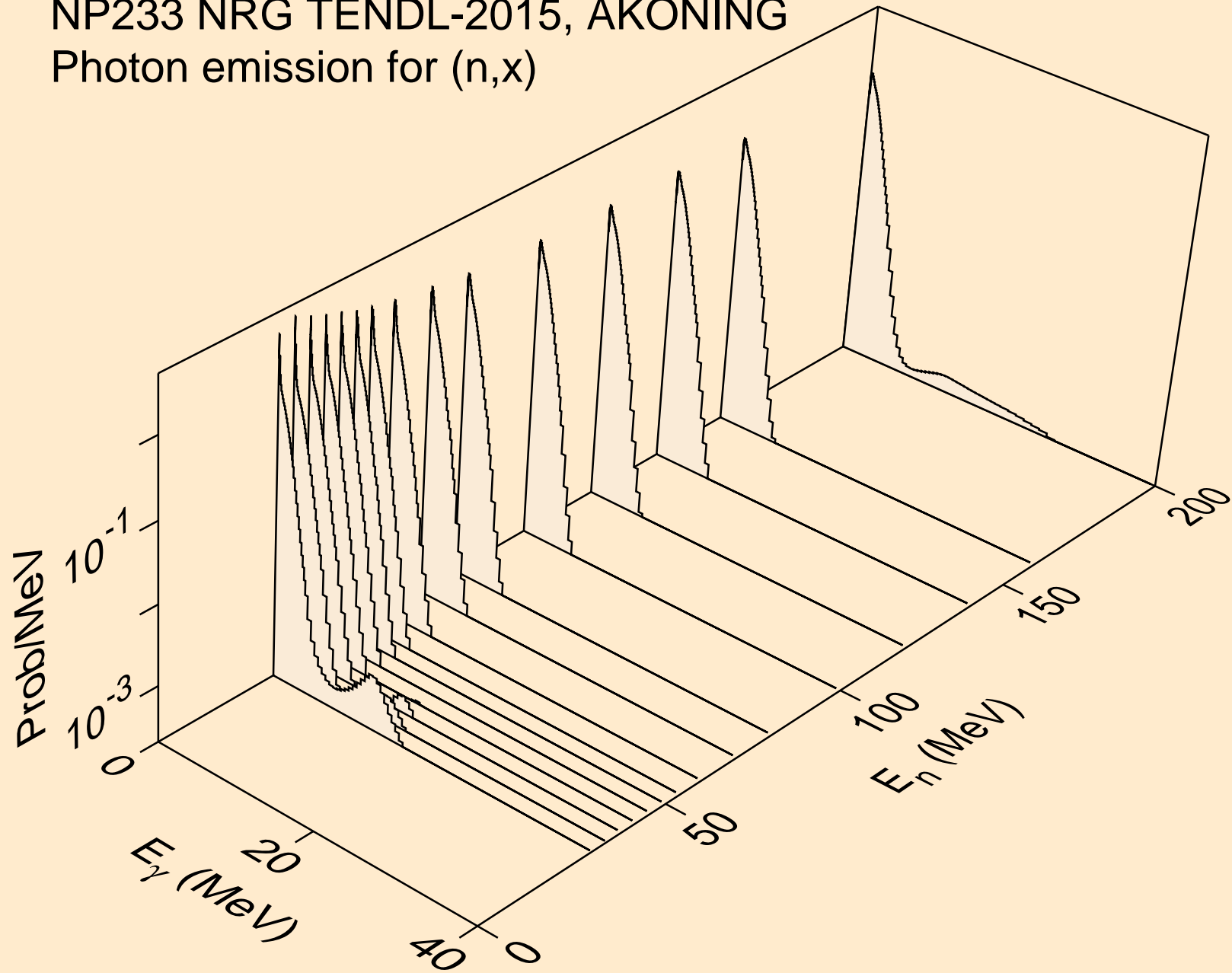


# NP233 NRG TENDL-2015, AKONING

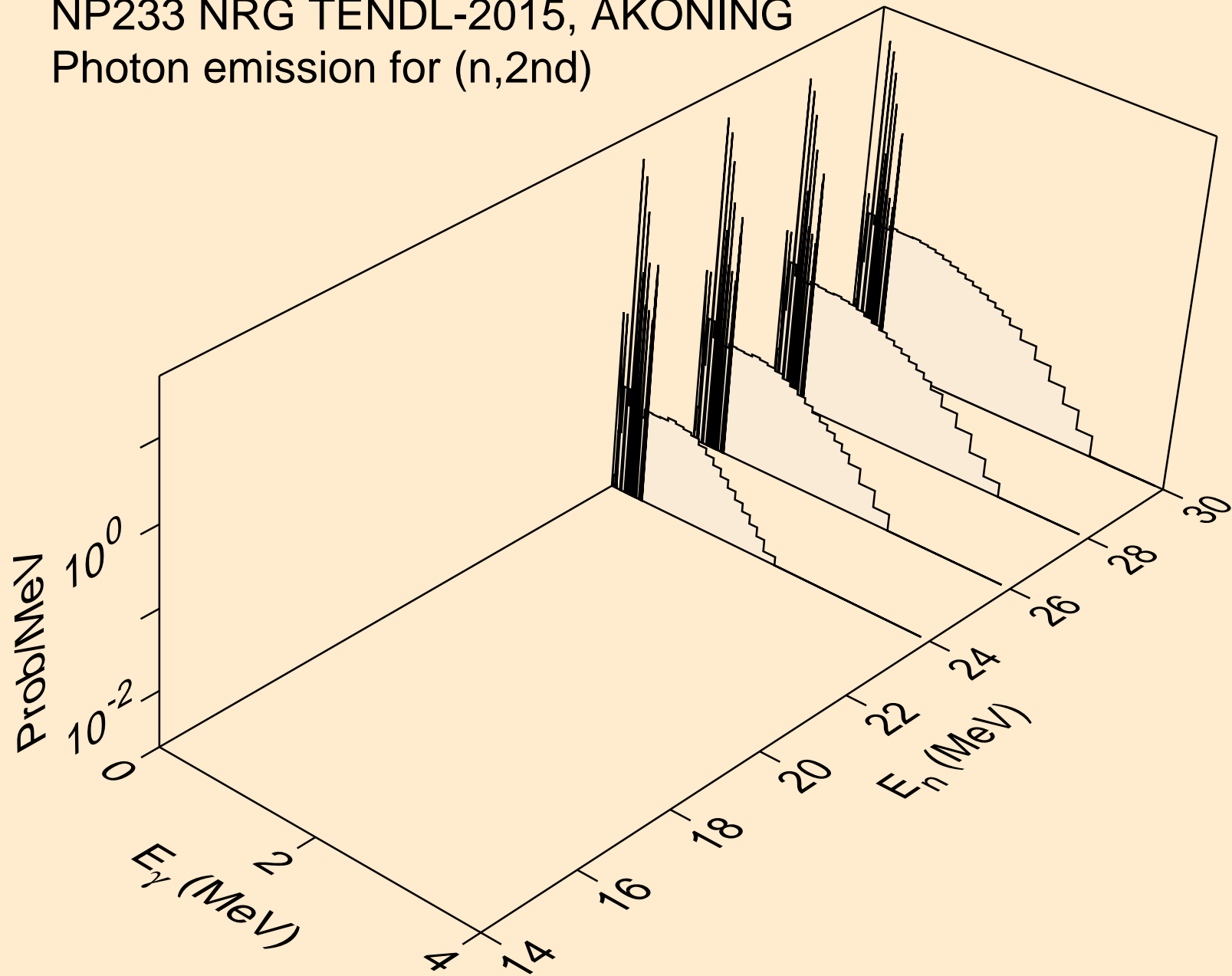
## Delayed neutron spectra



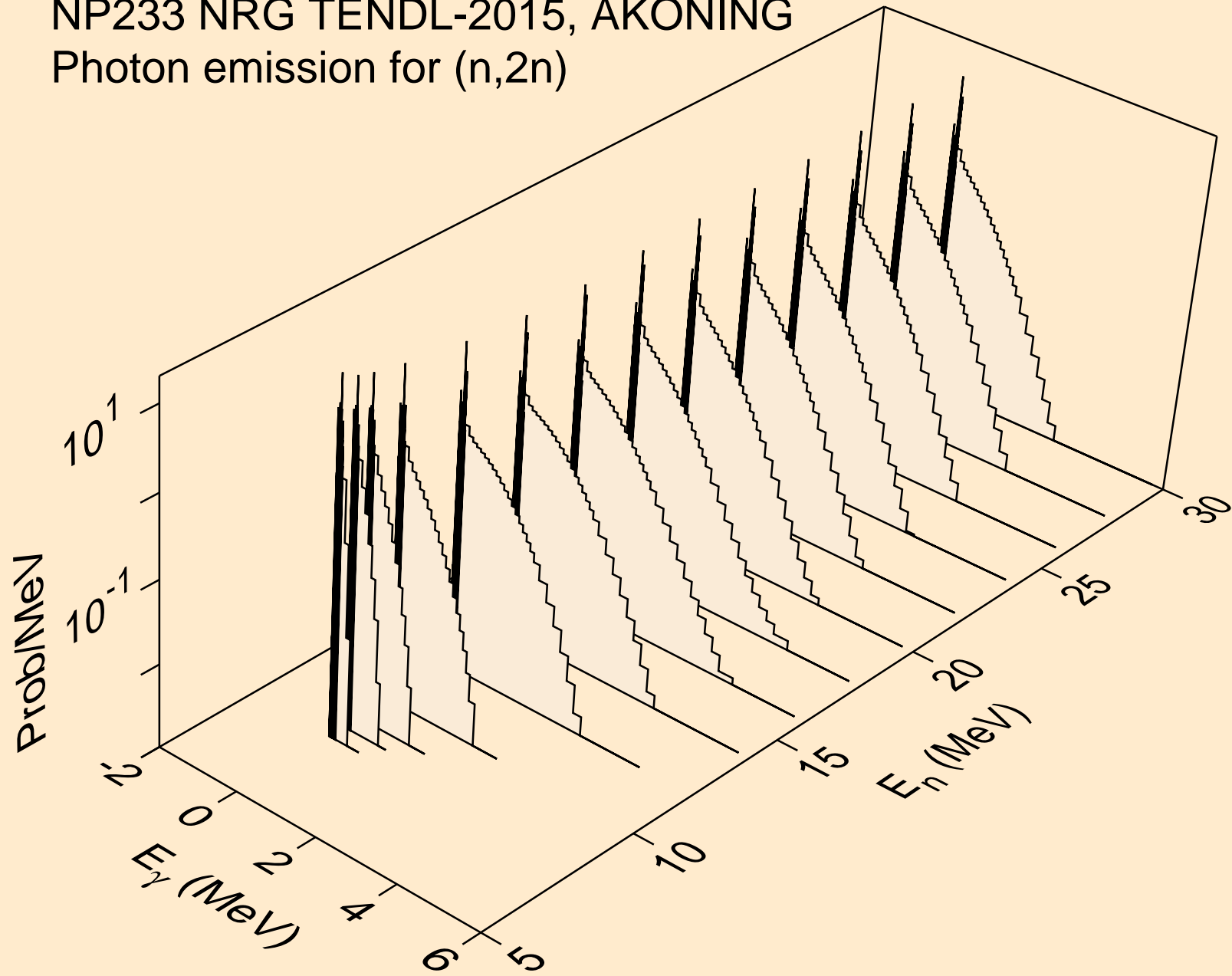
NP233 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



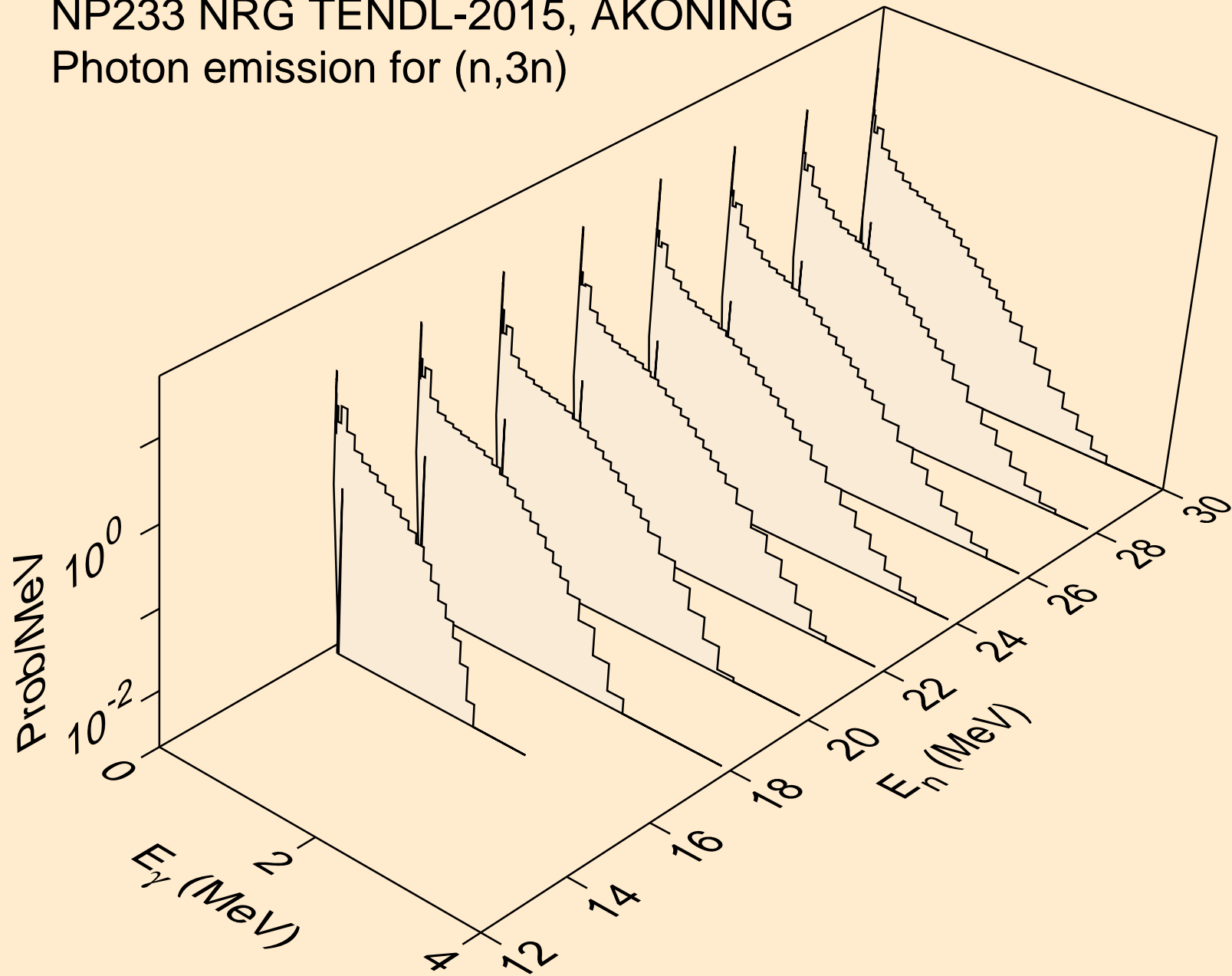
NP233 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



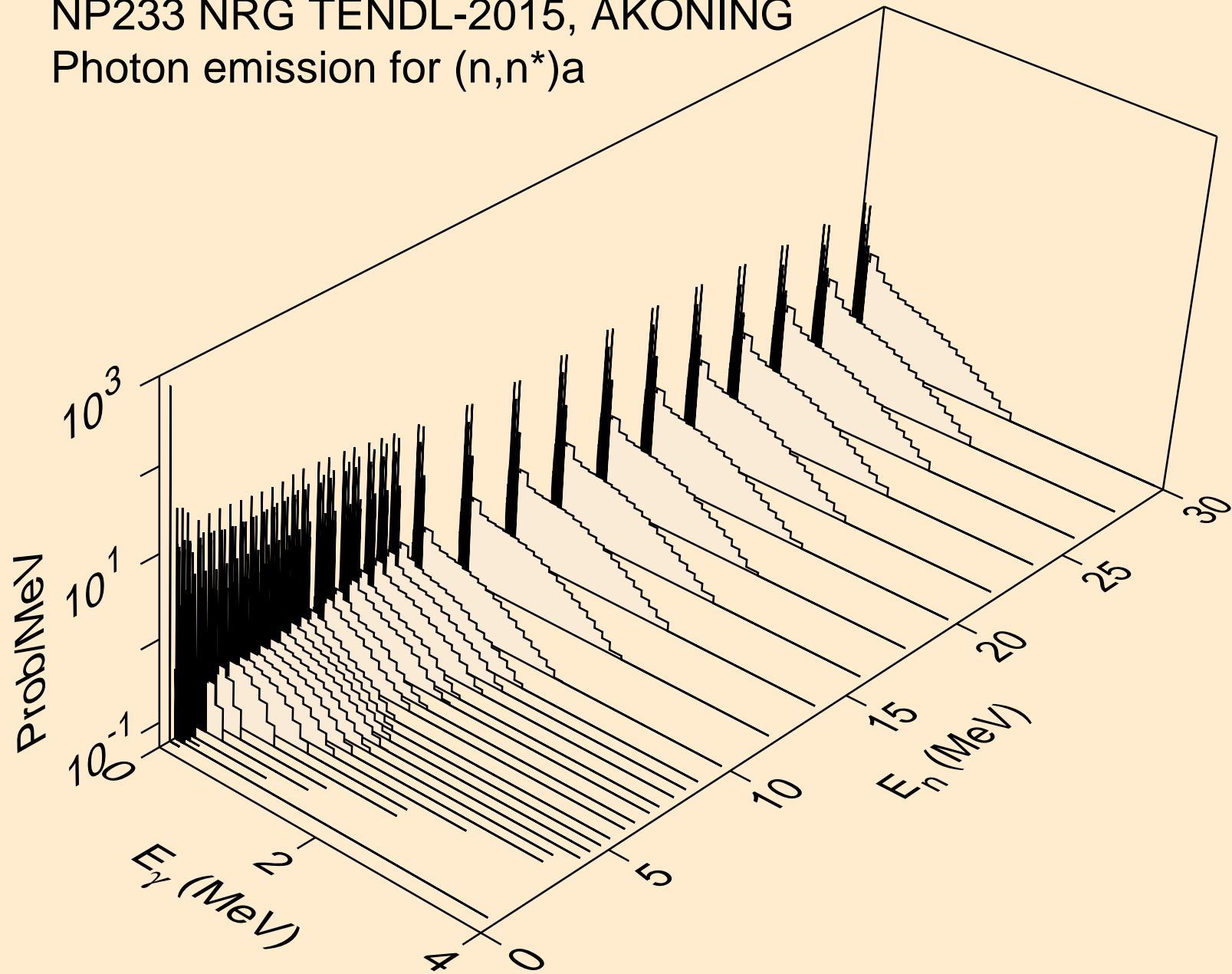
NP233 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



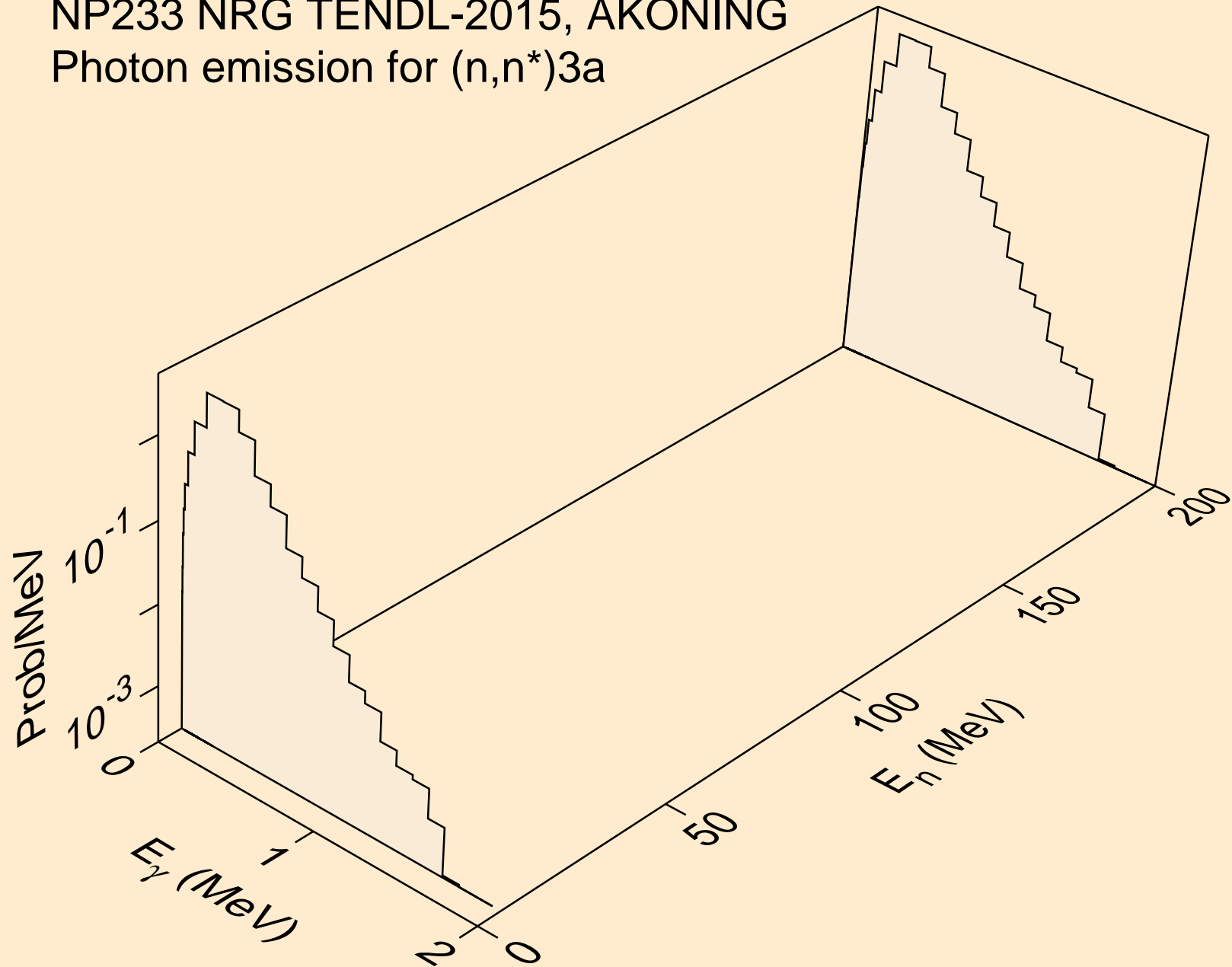
NP233 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



NP233 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

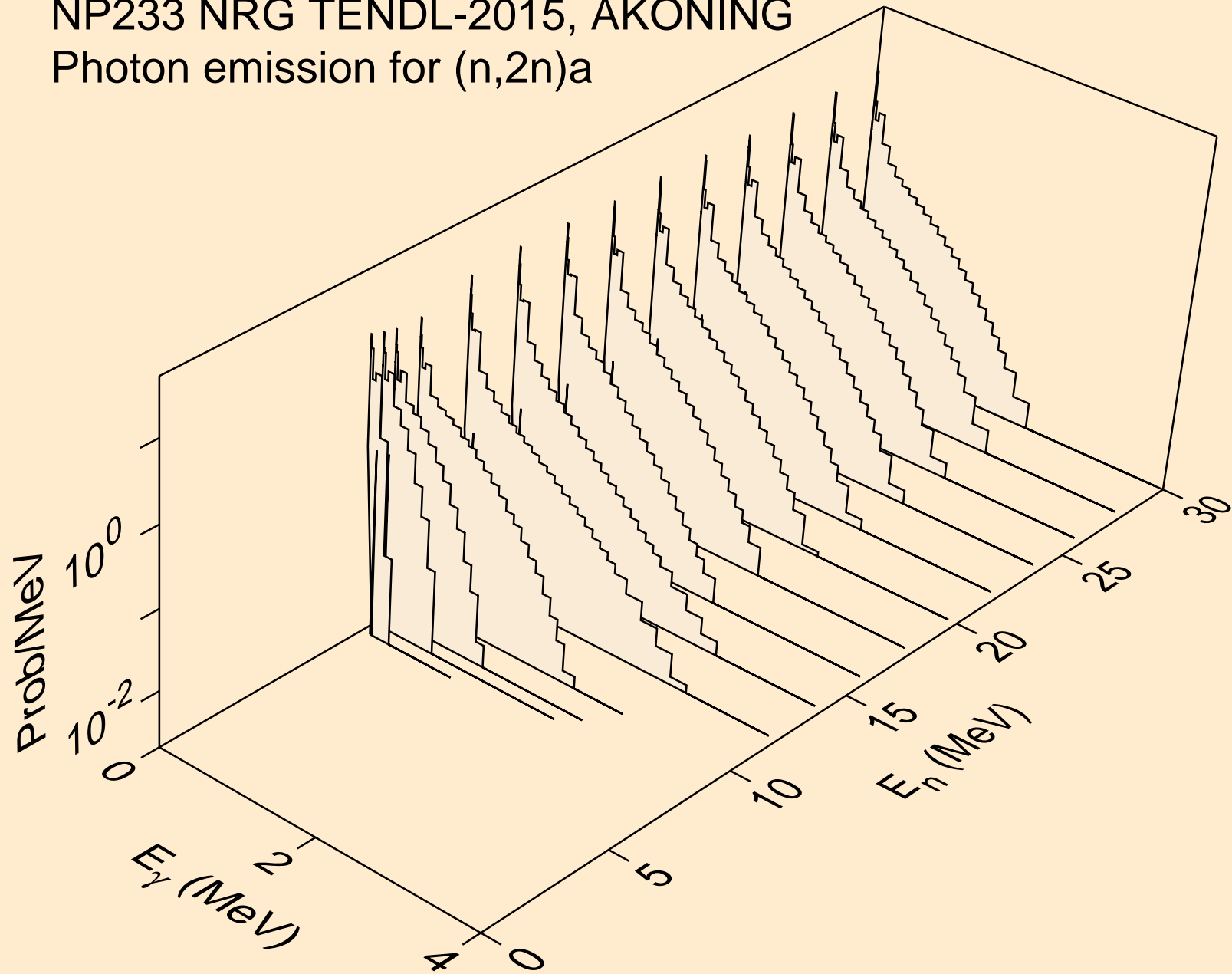


NP233 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a

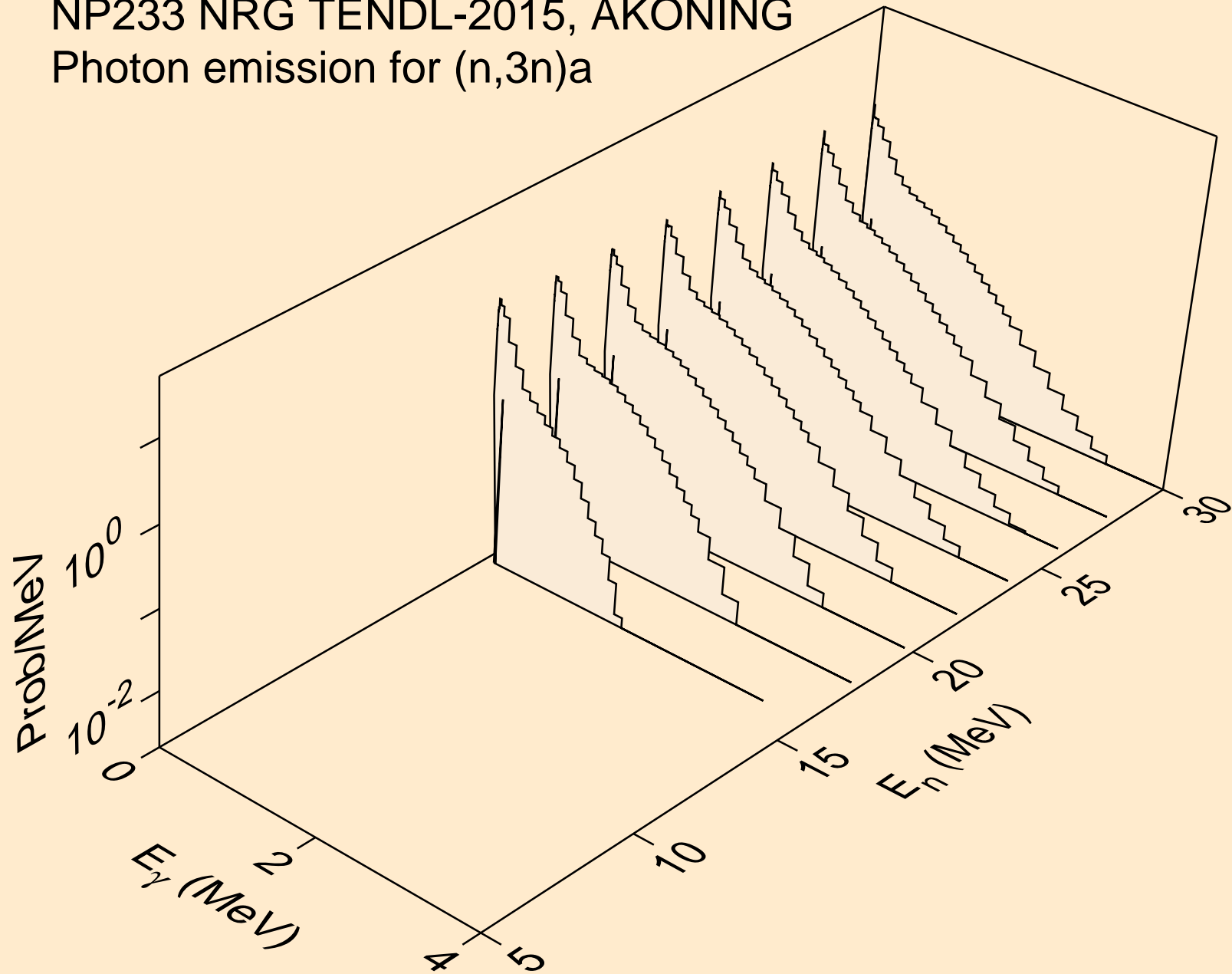




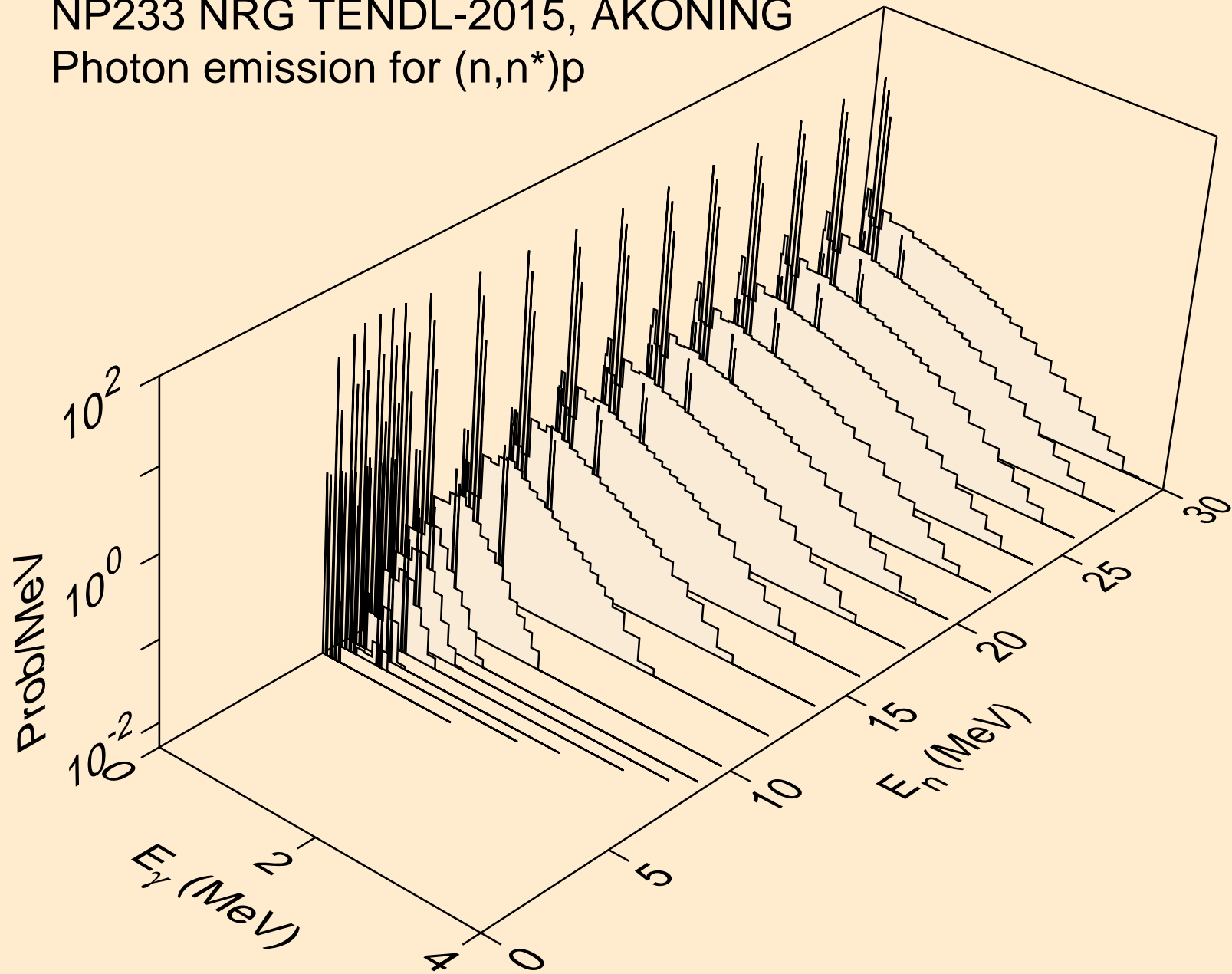
NP233 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



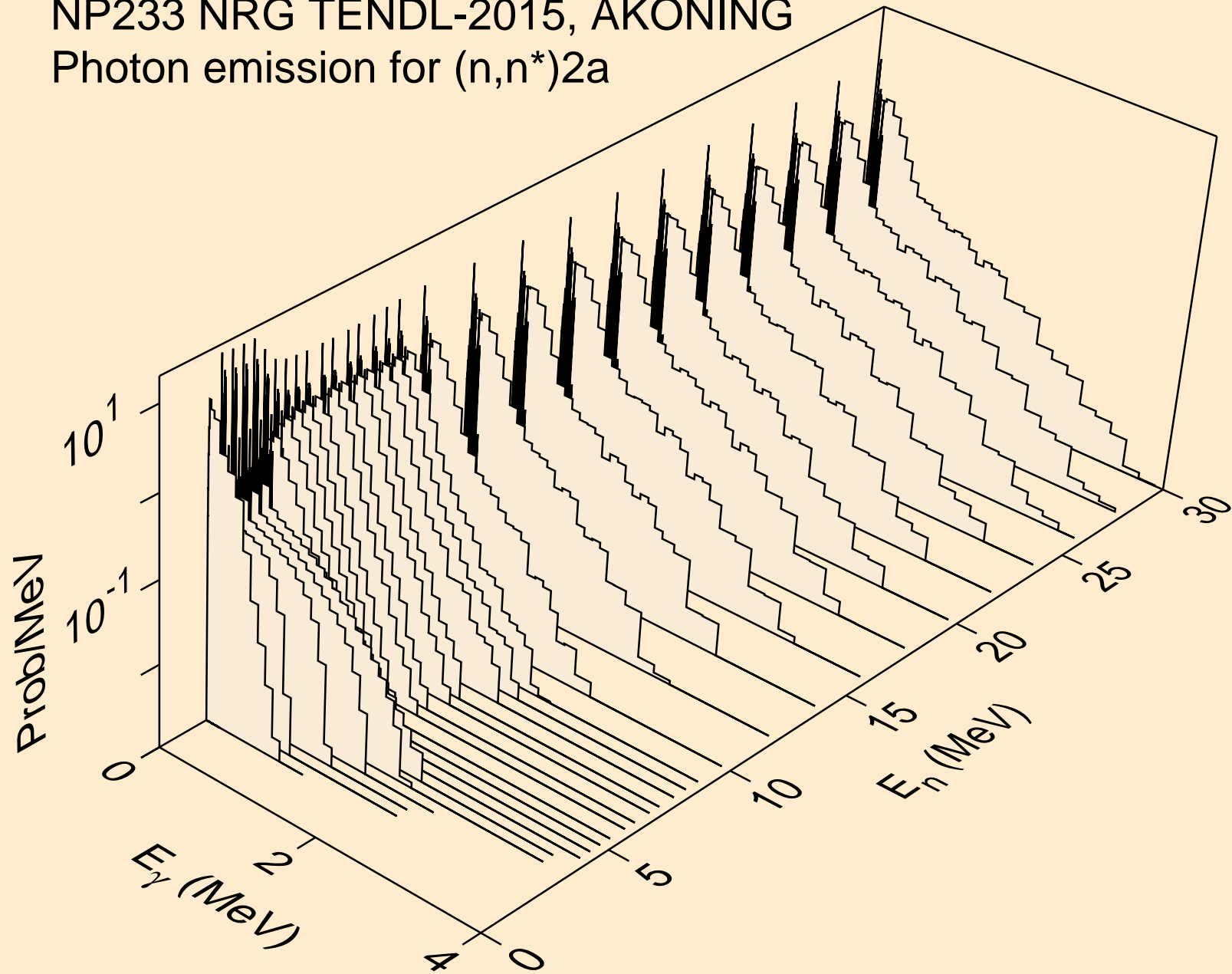
NP233 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



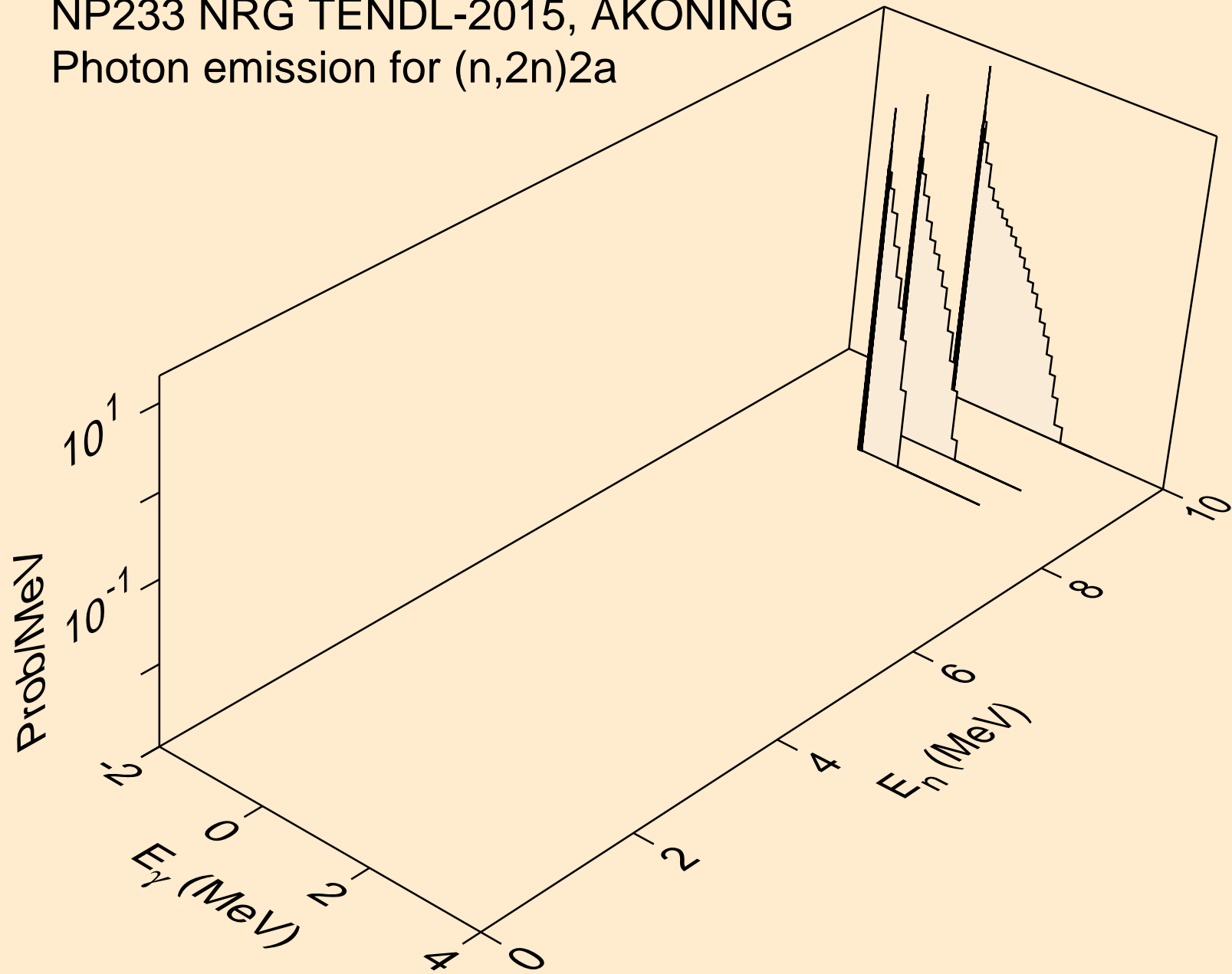
NP233 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



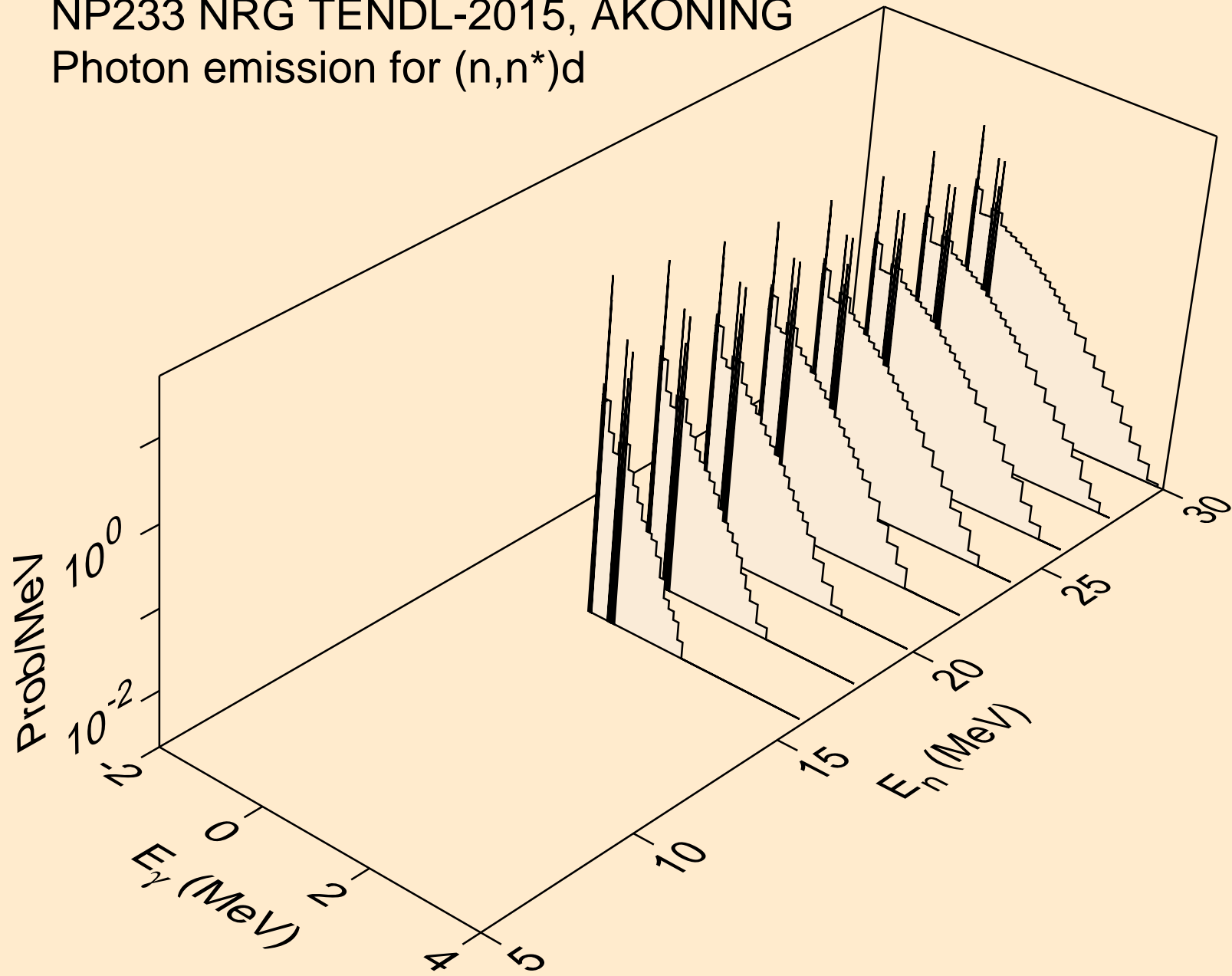
NP233 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



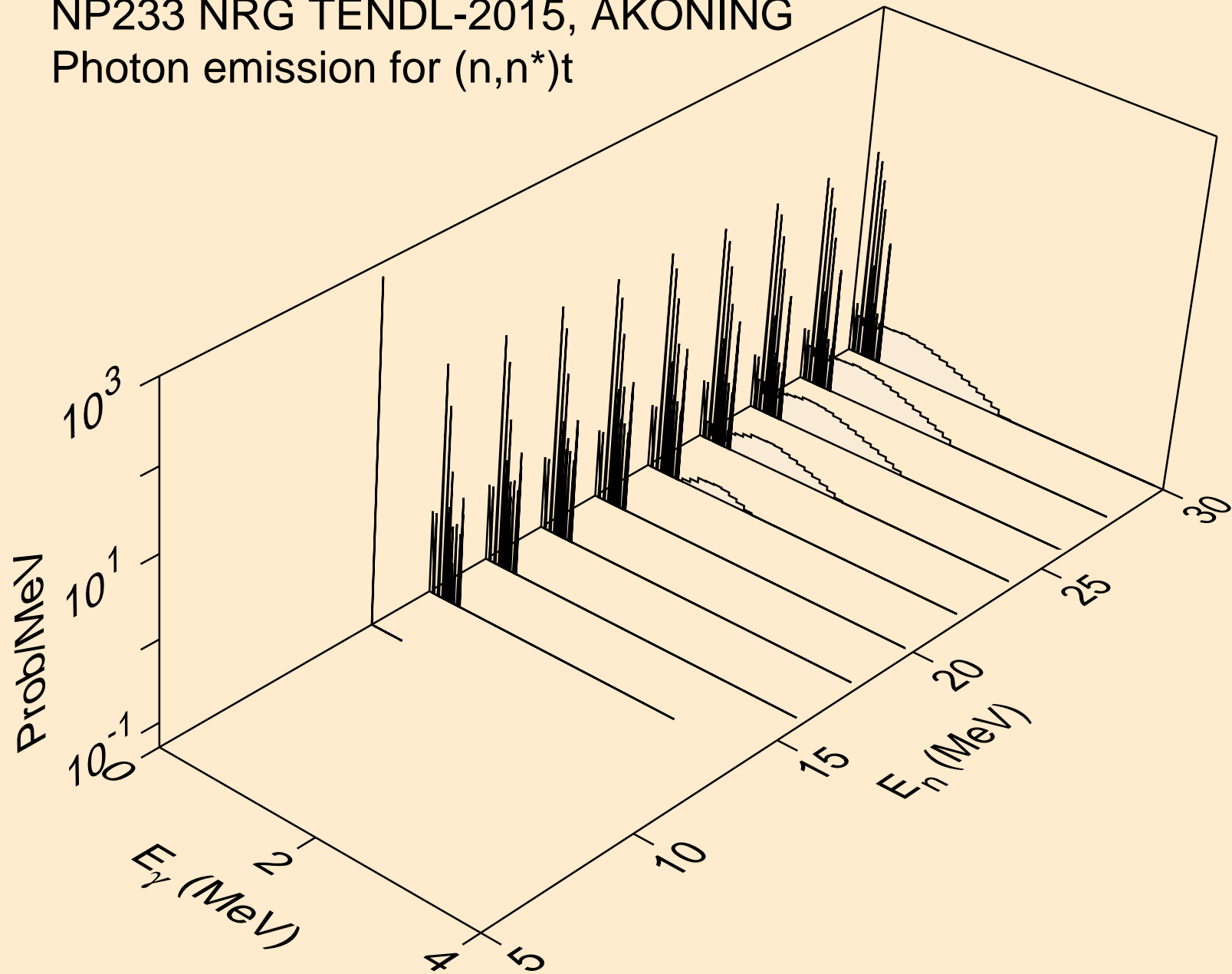
NP233 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



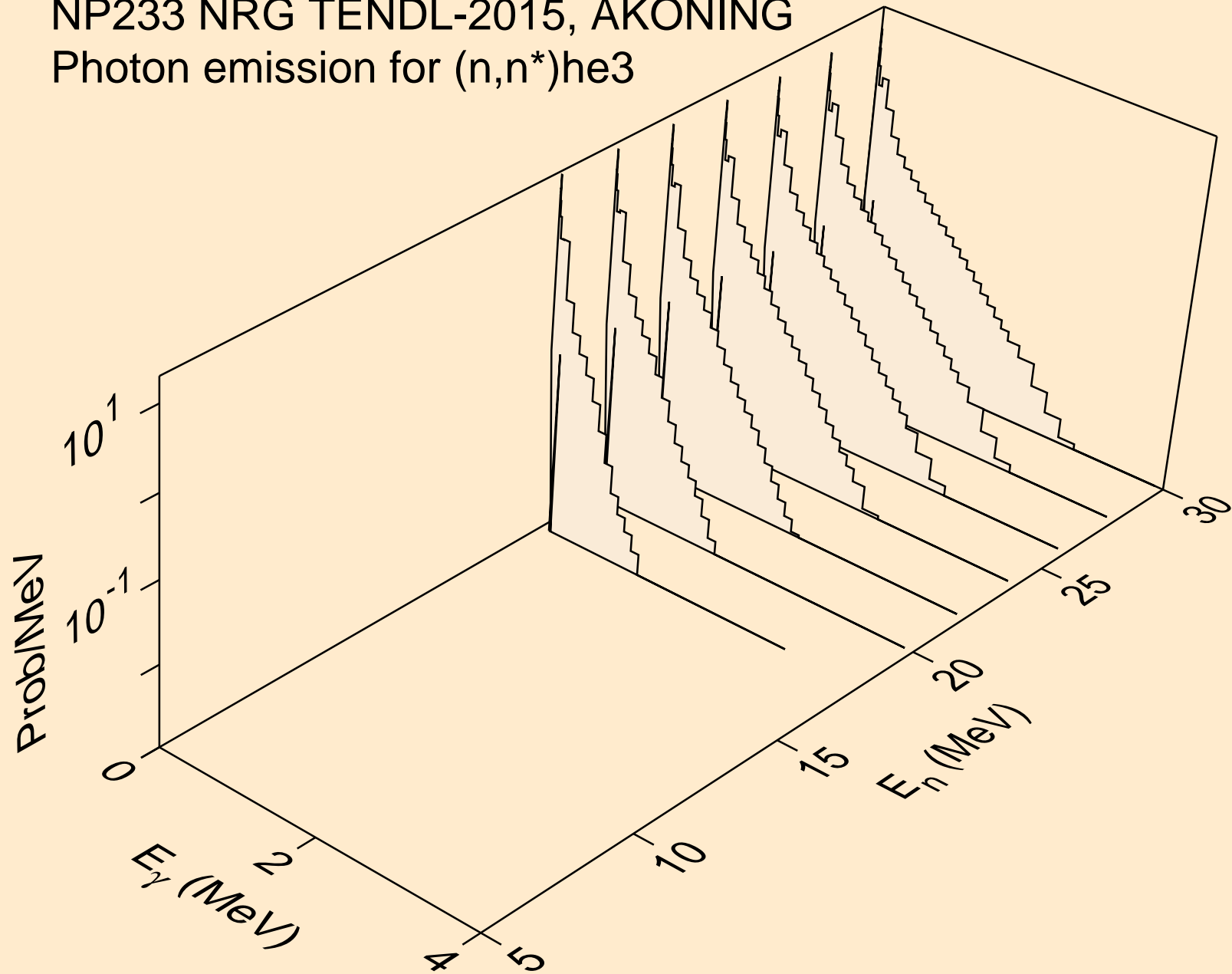
NP233 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



NP233 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

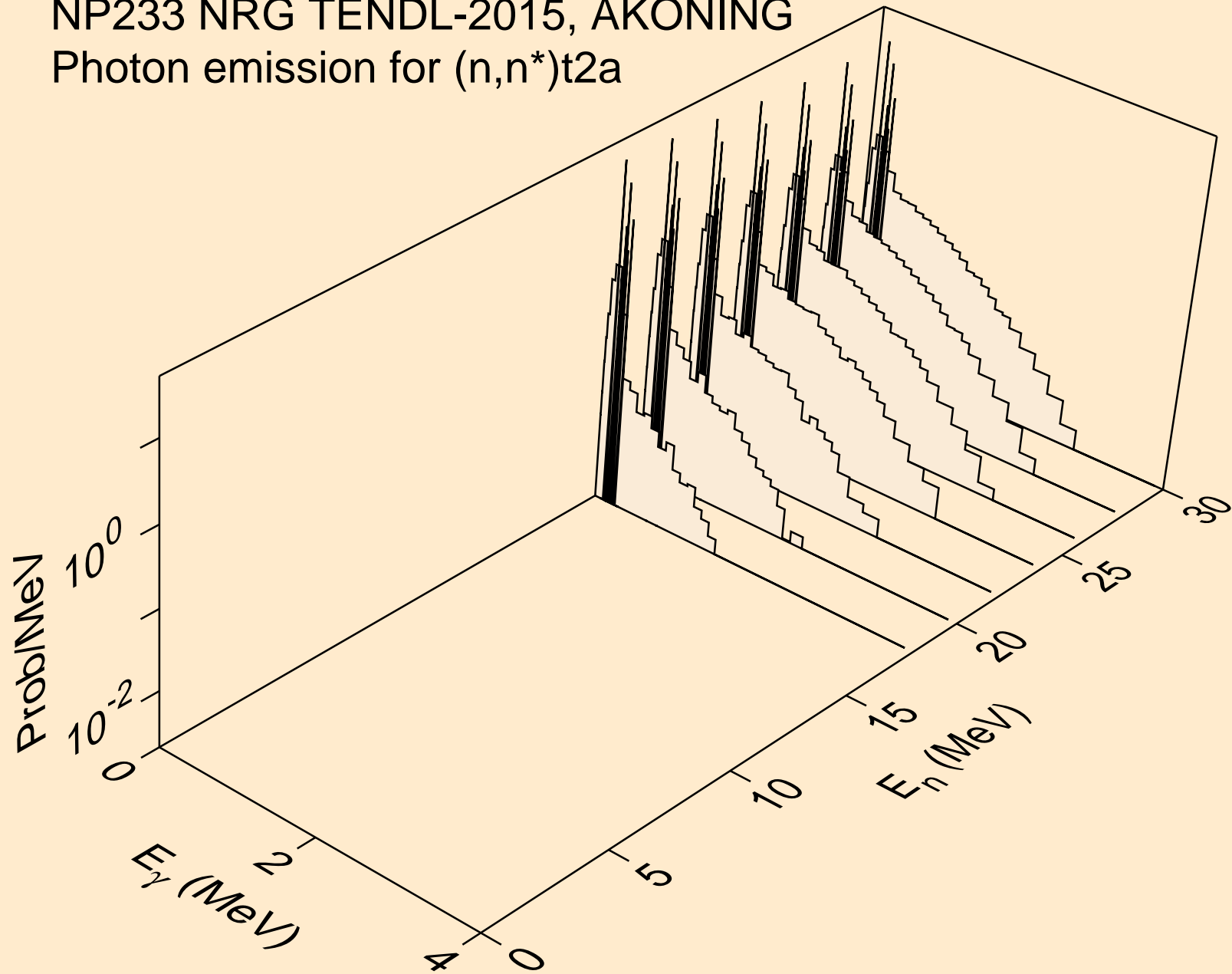


NP233 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

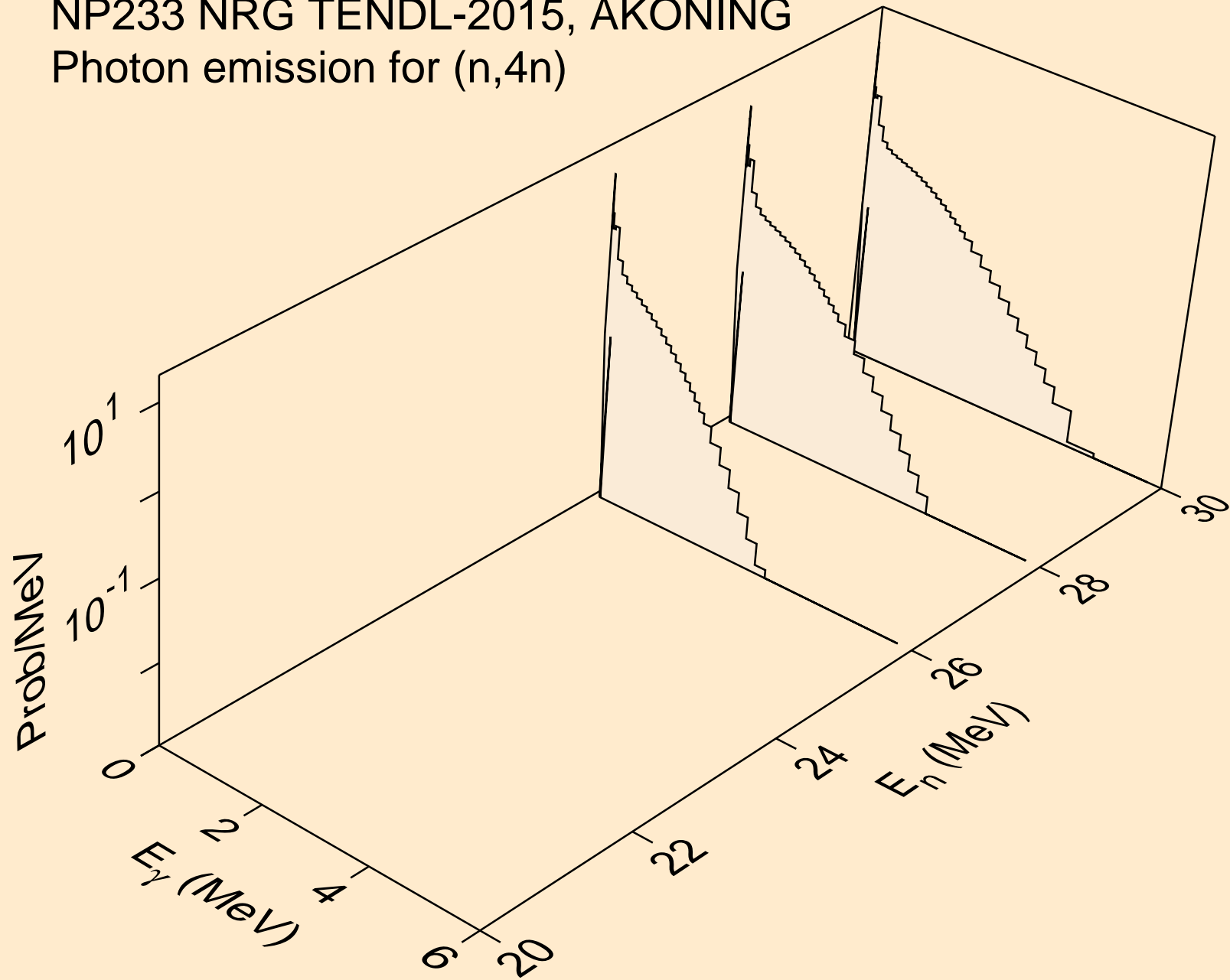




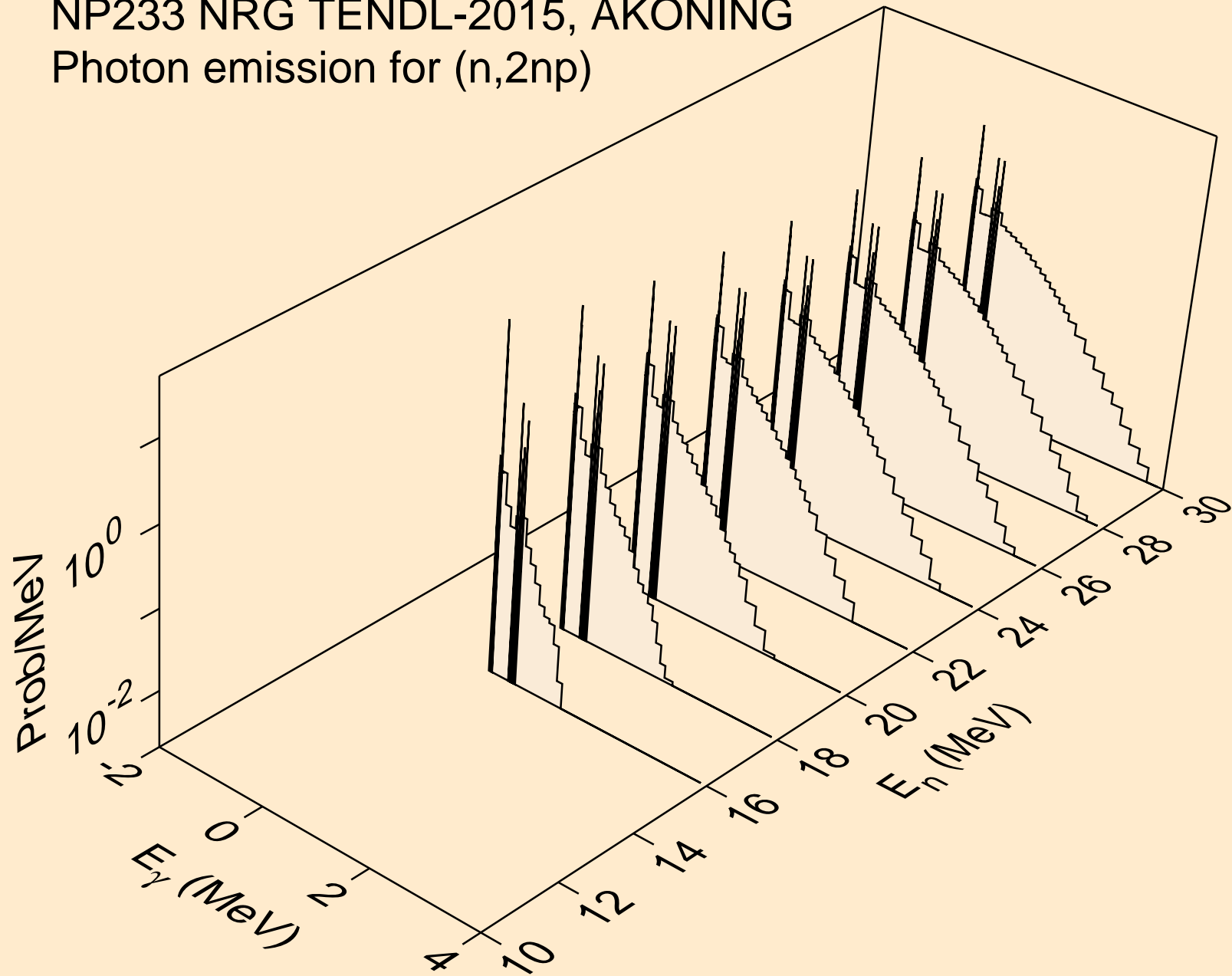
NP233 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t2a



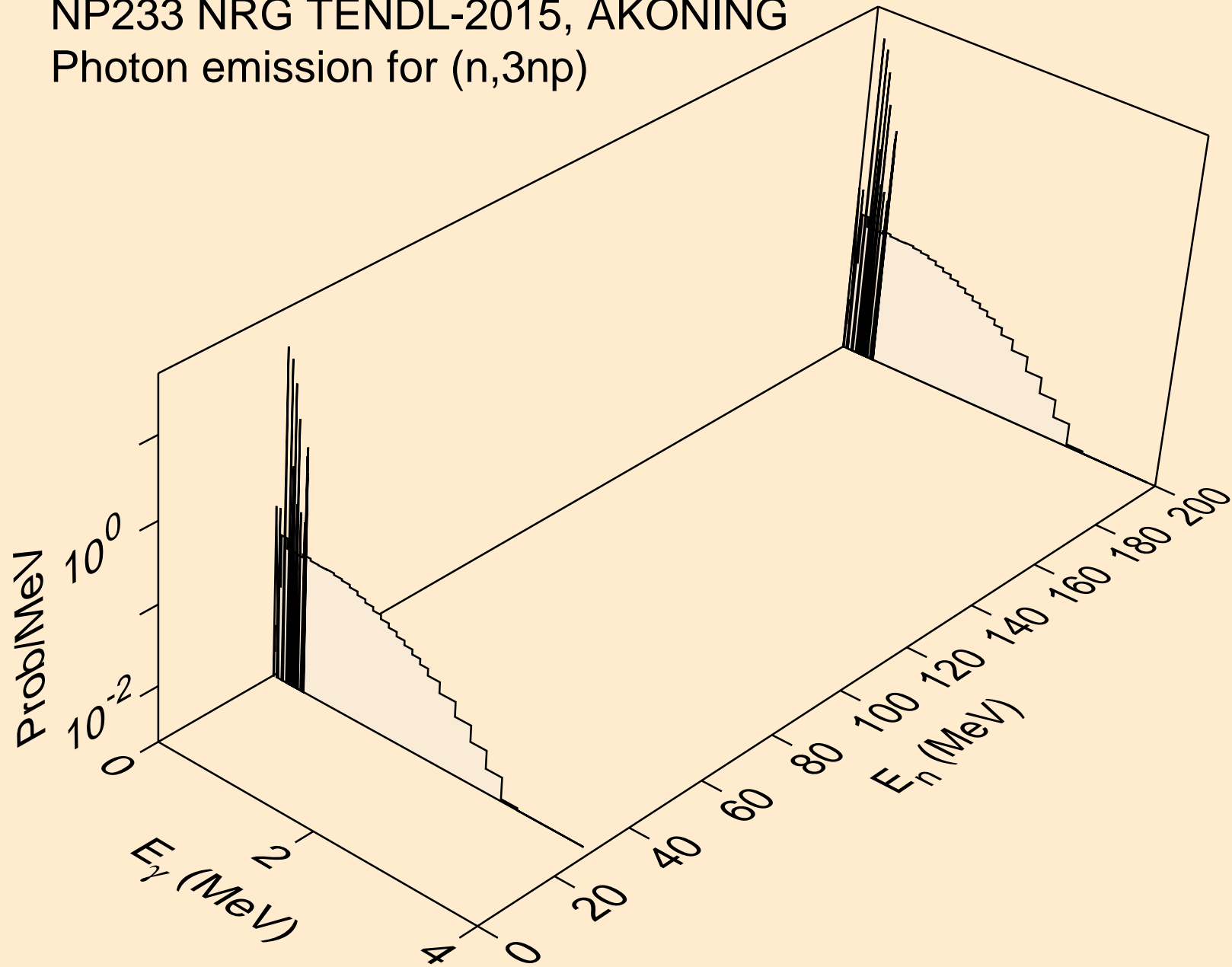
NP233 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



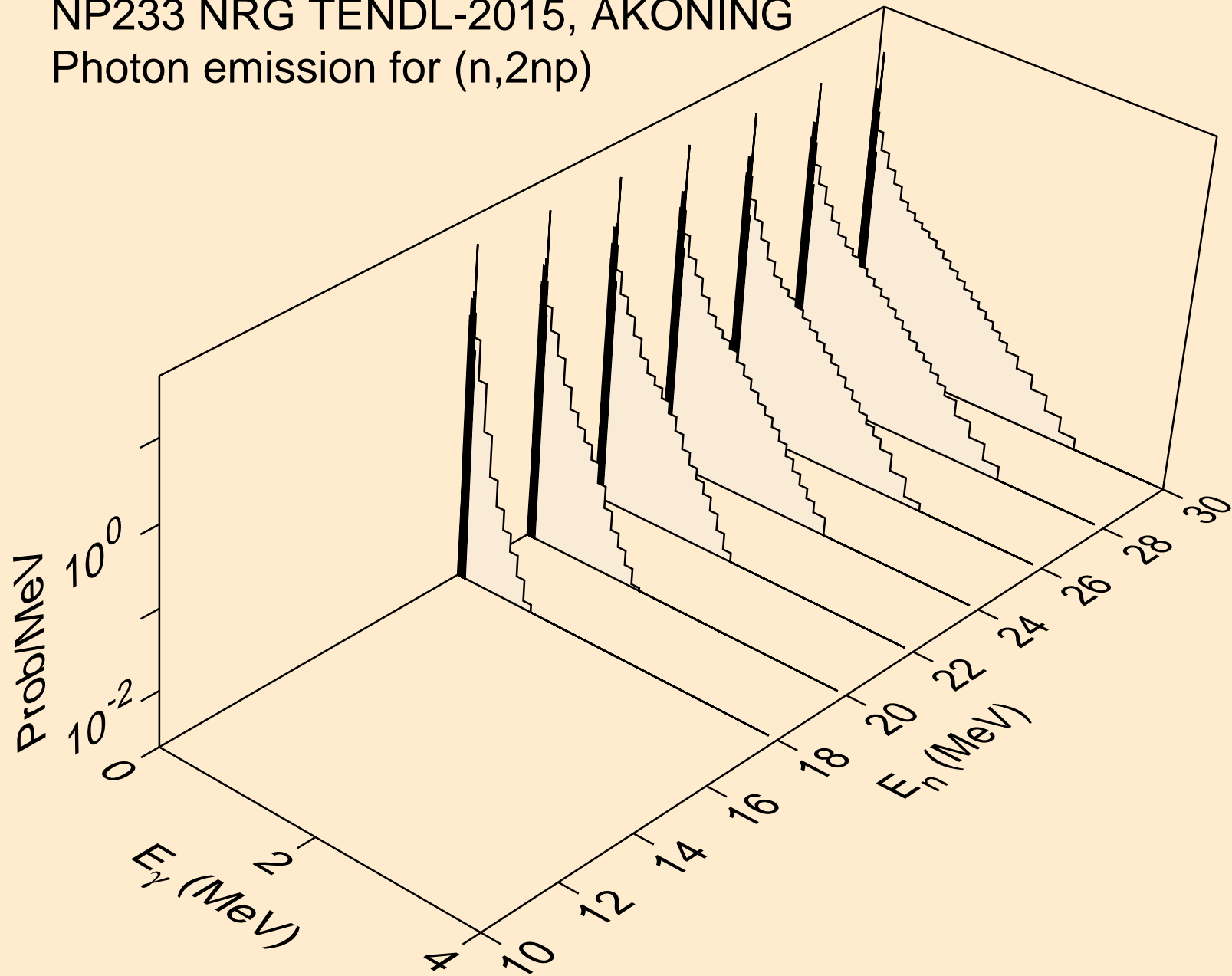
NP233 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



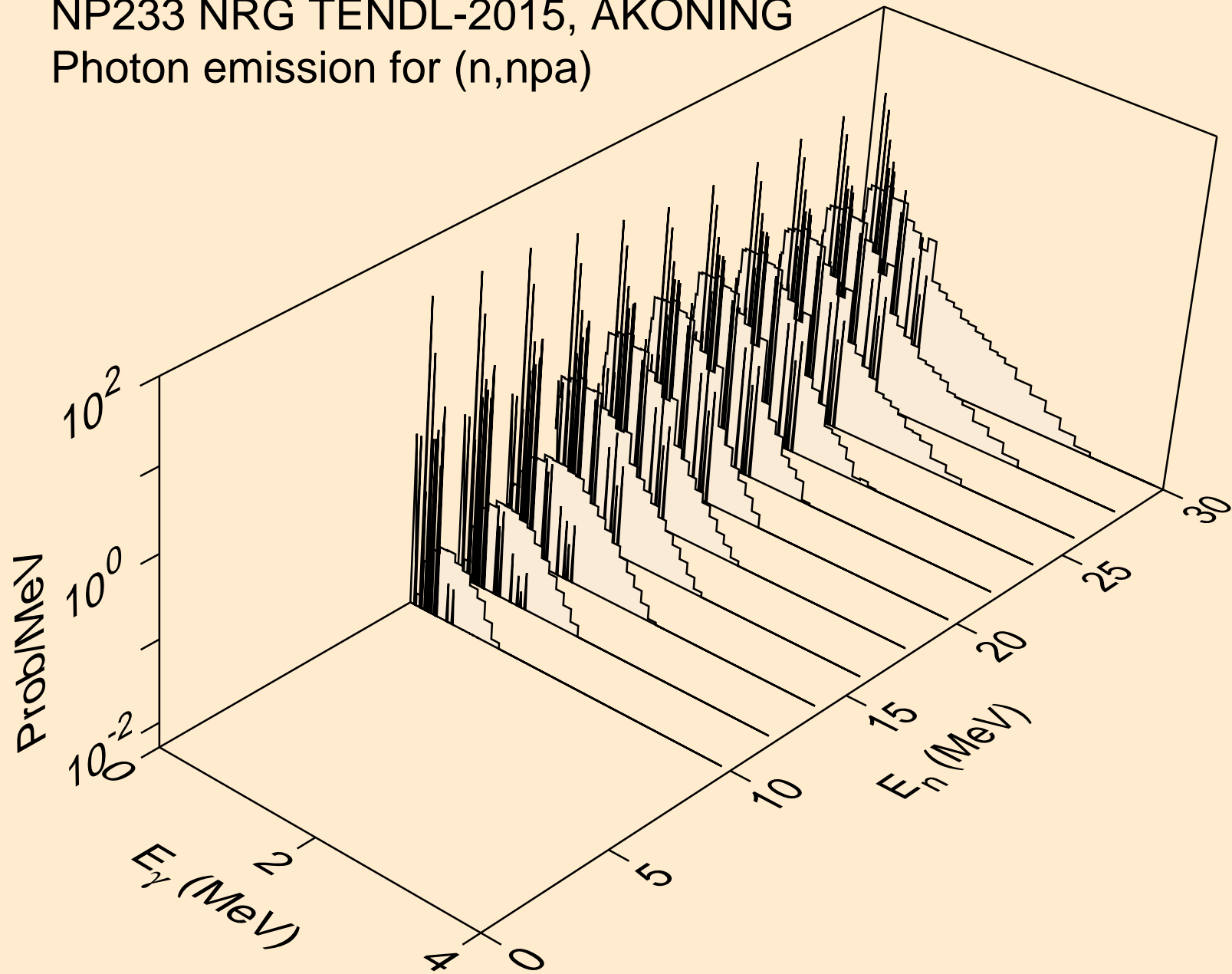
NP233 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



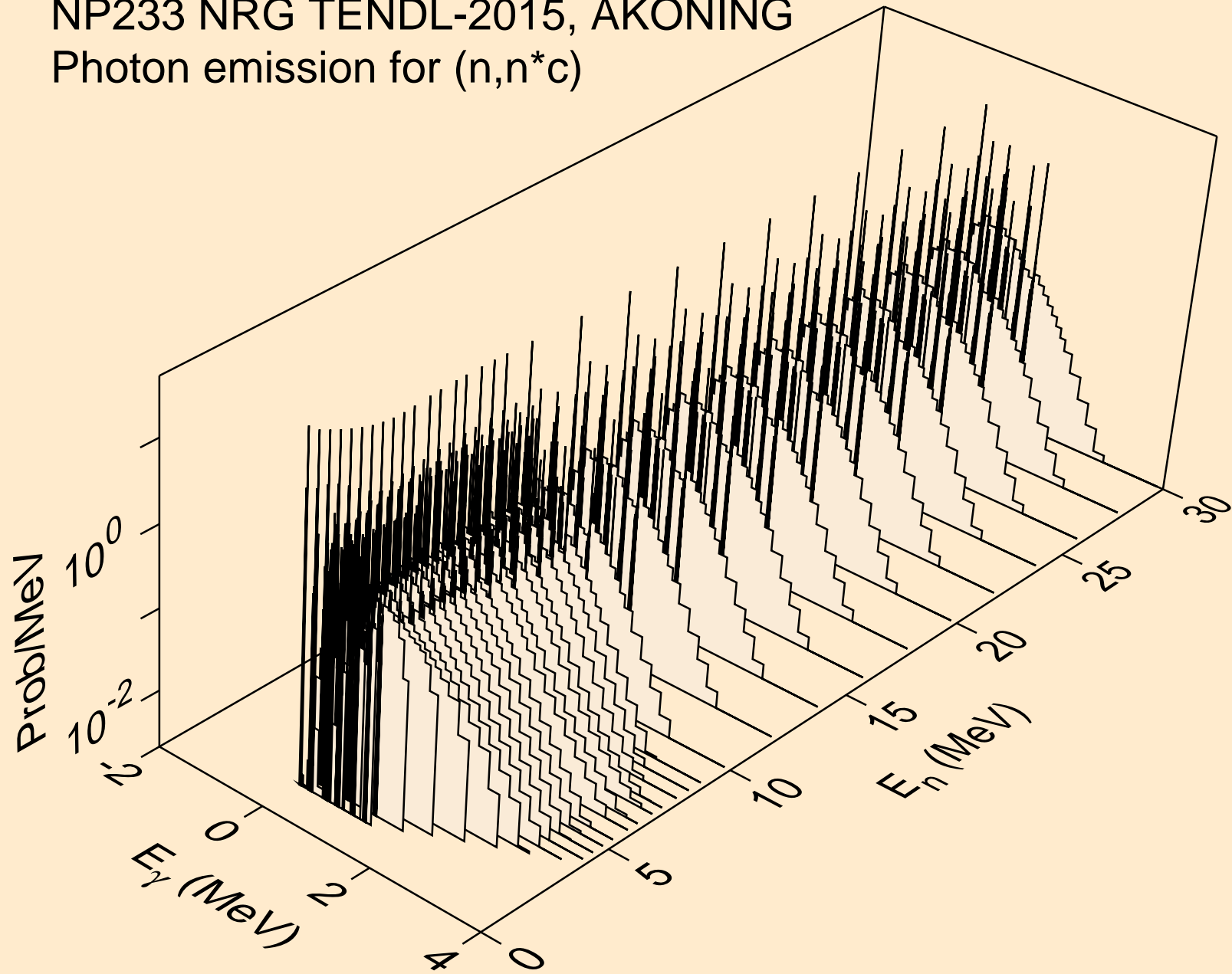
NP233 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



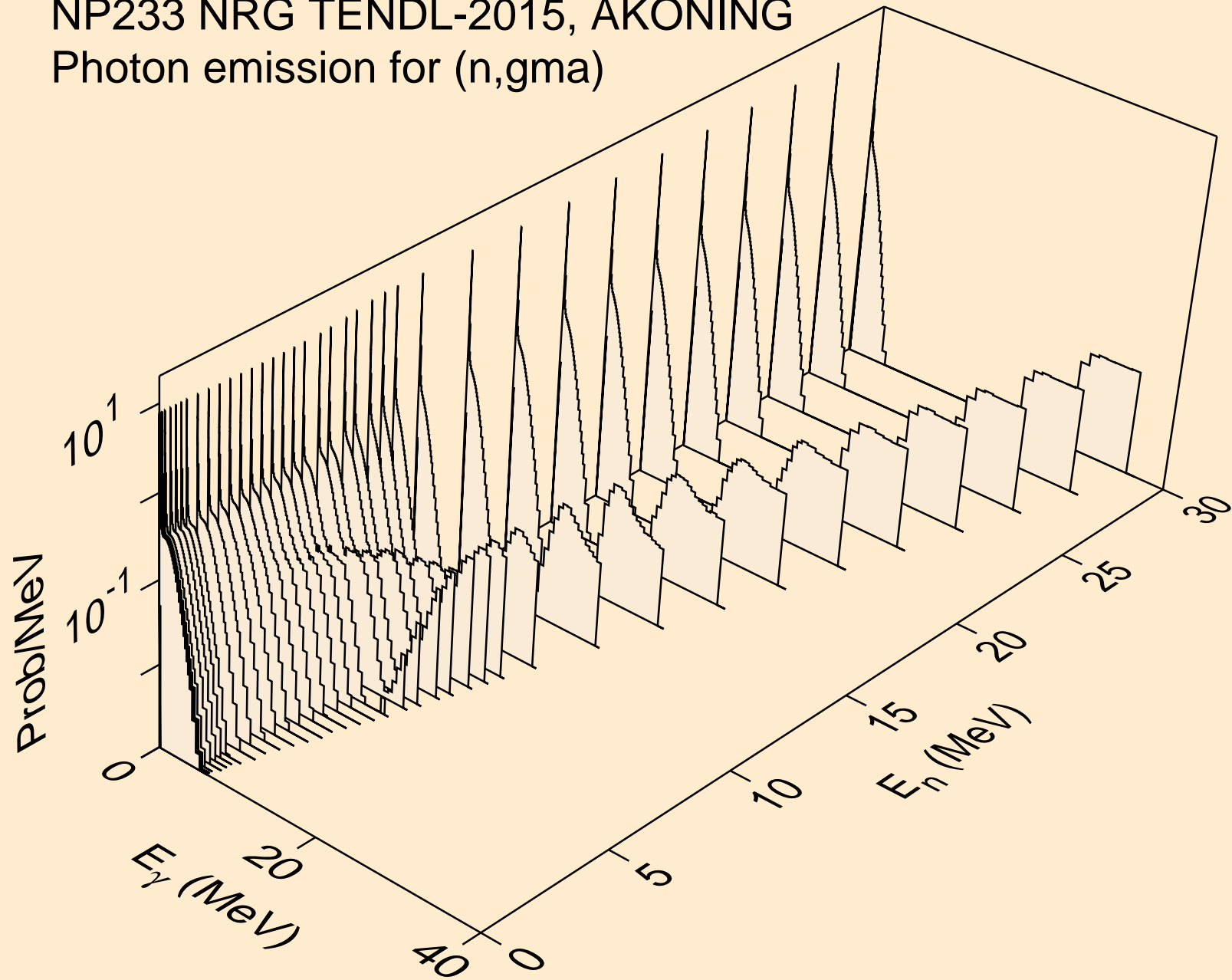
NP233 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



NP233 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

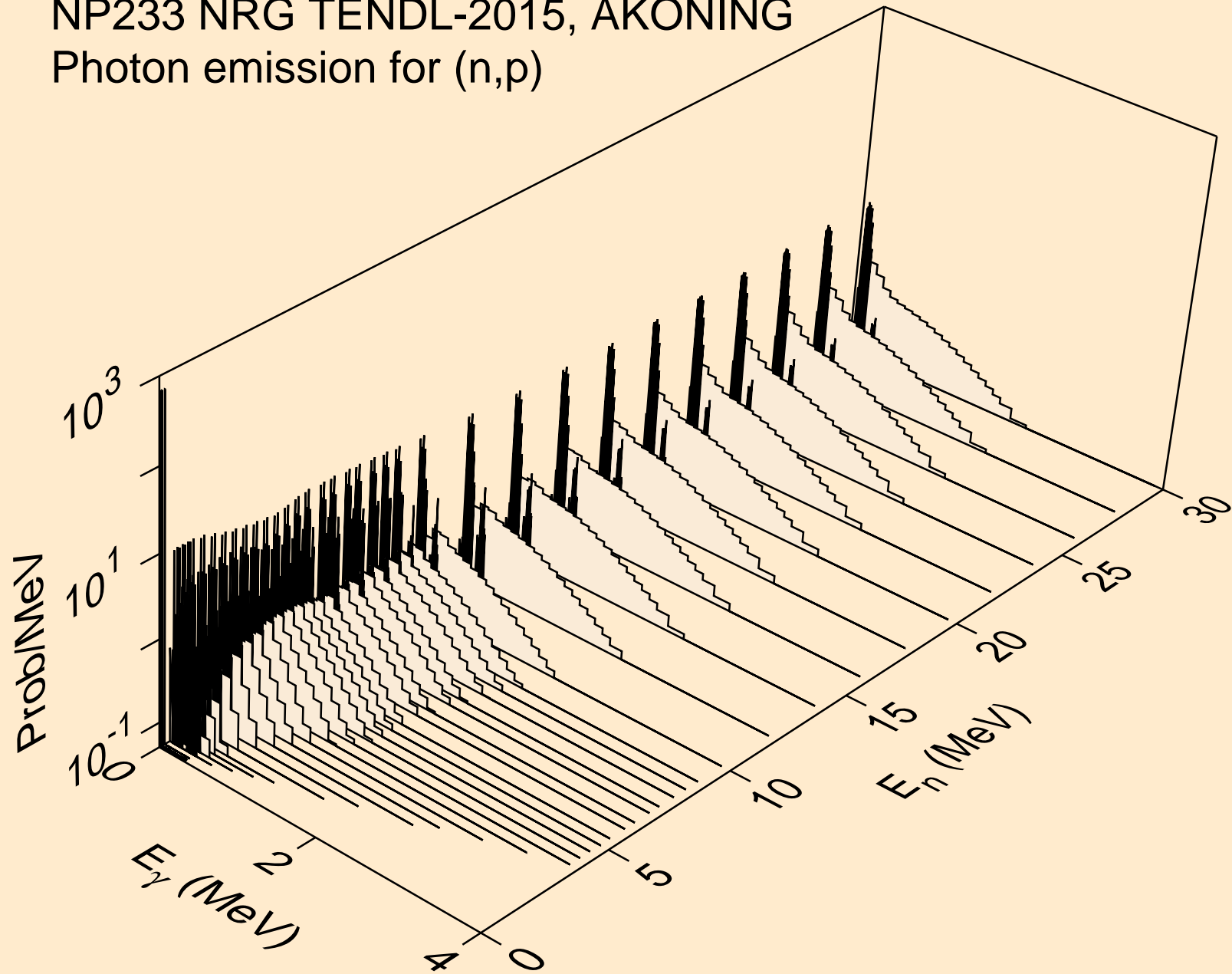


NP233 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

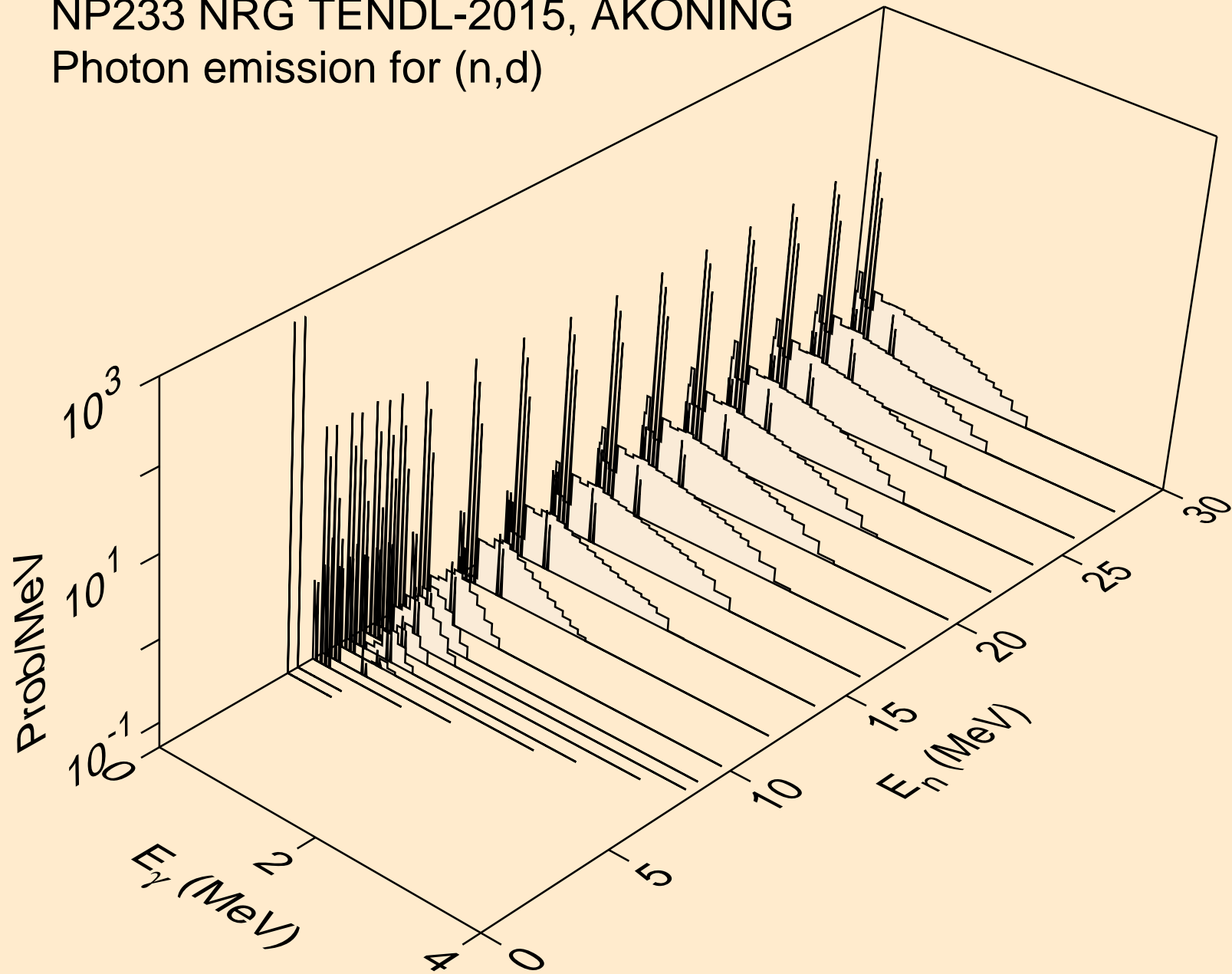




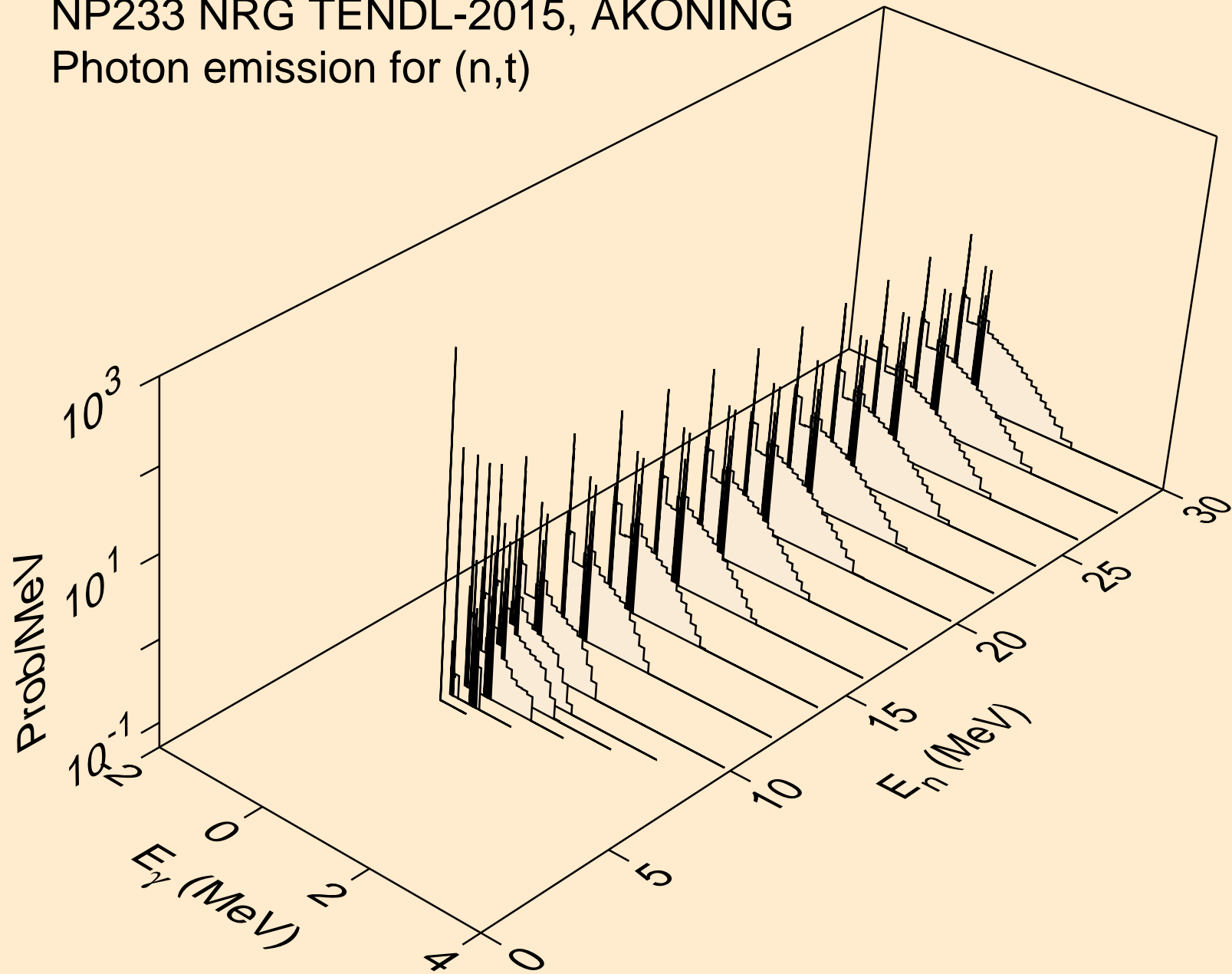
NP233 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



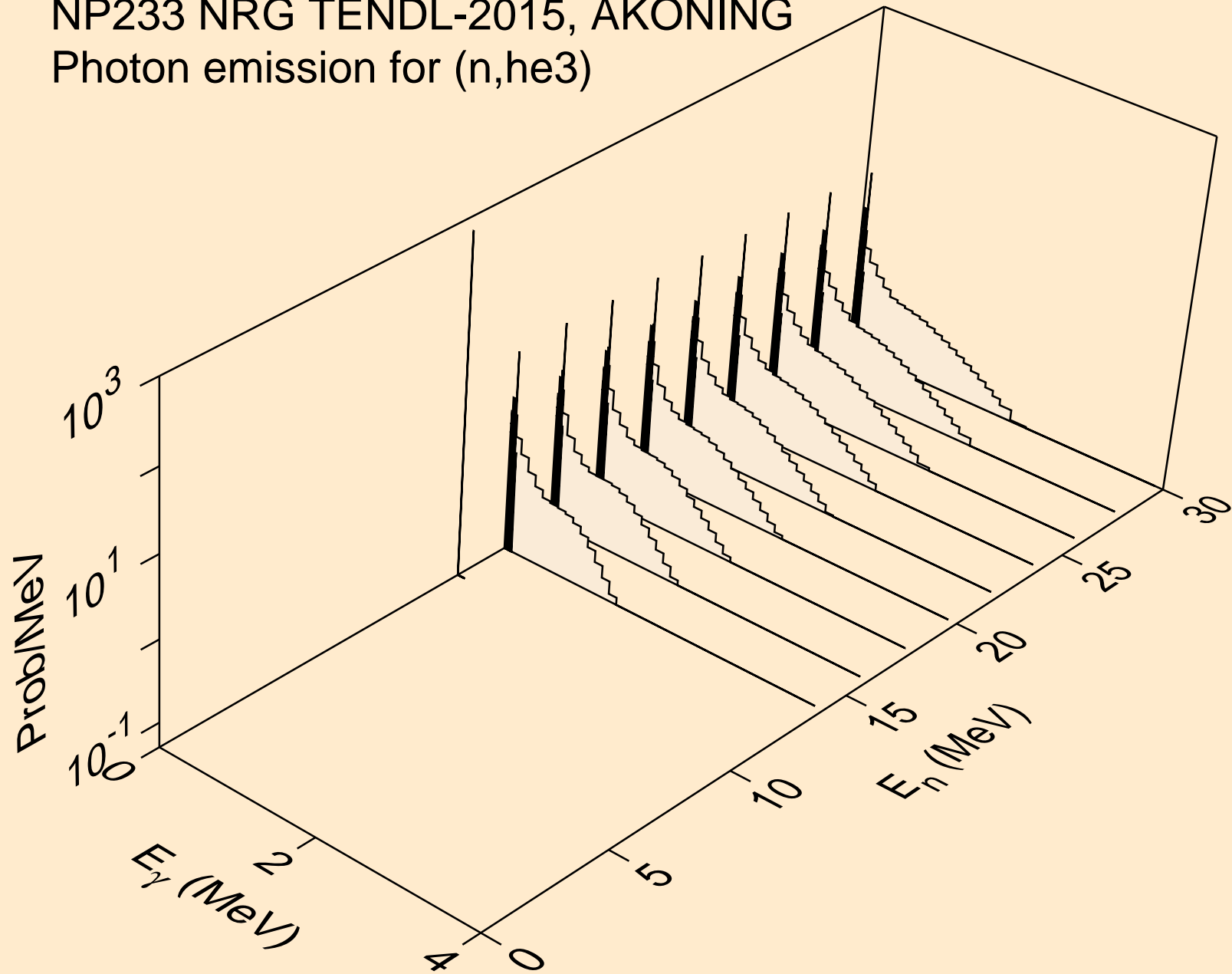
NP233 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



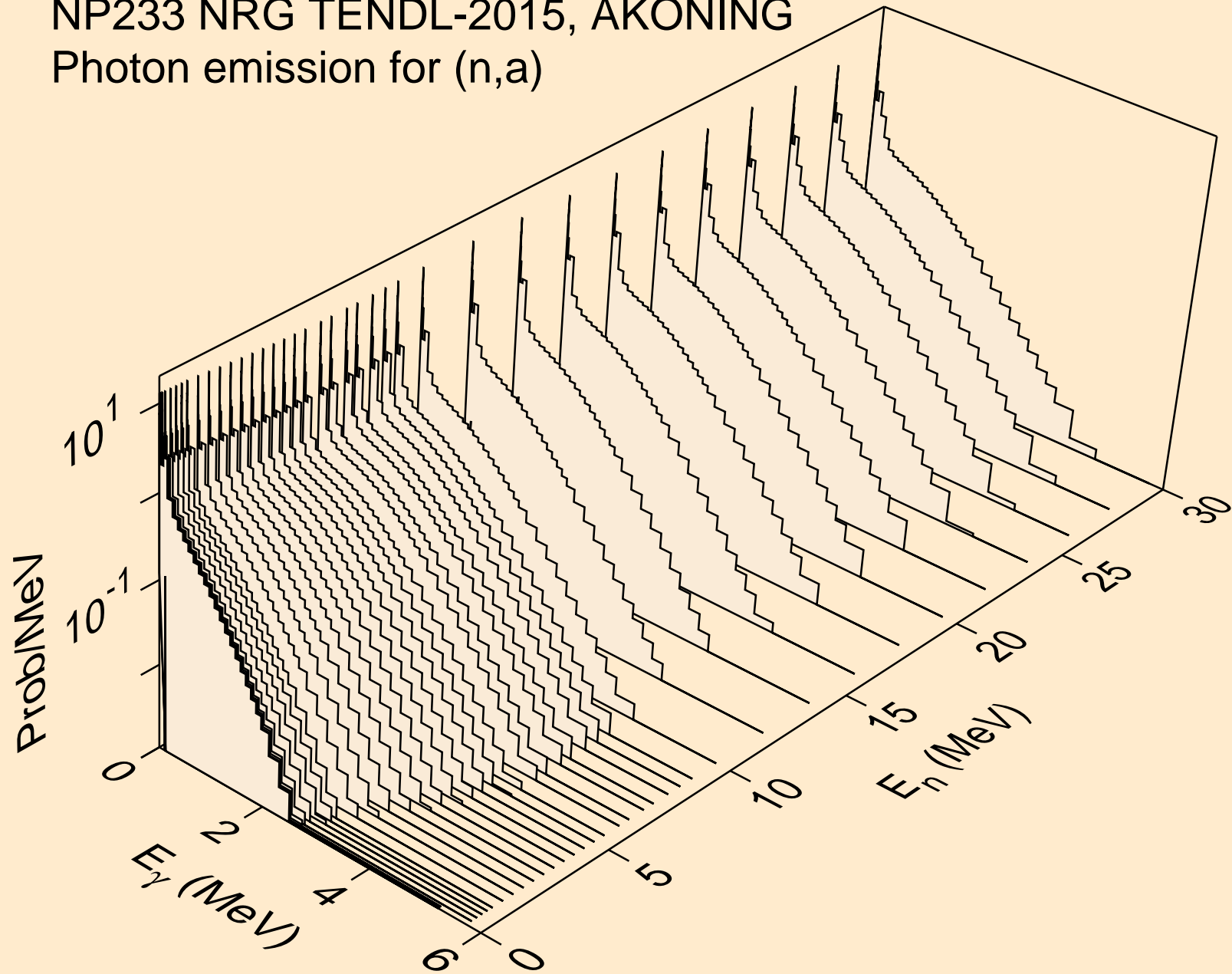
NP233 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



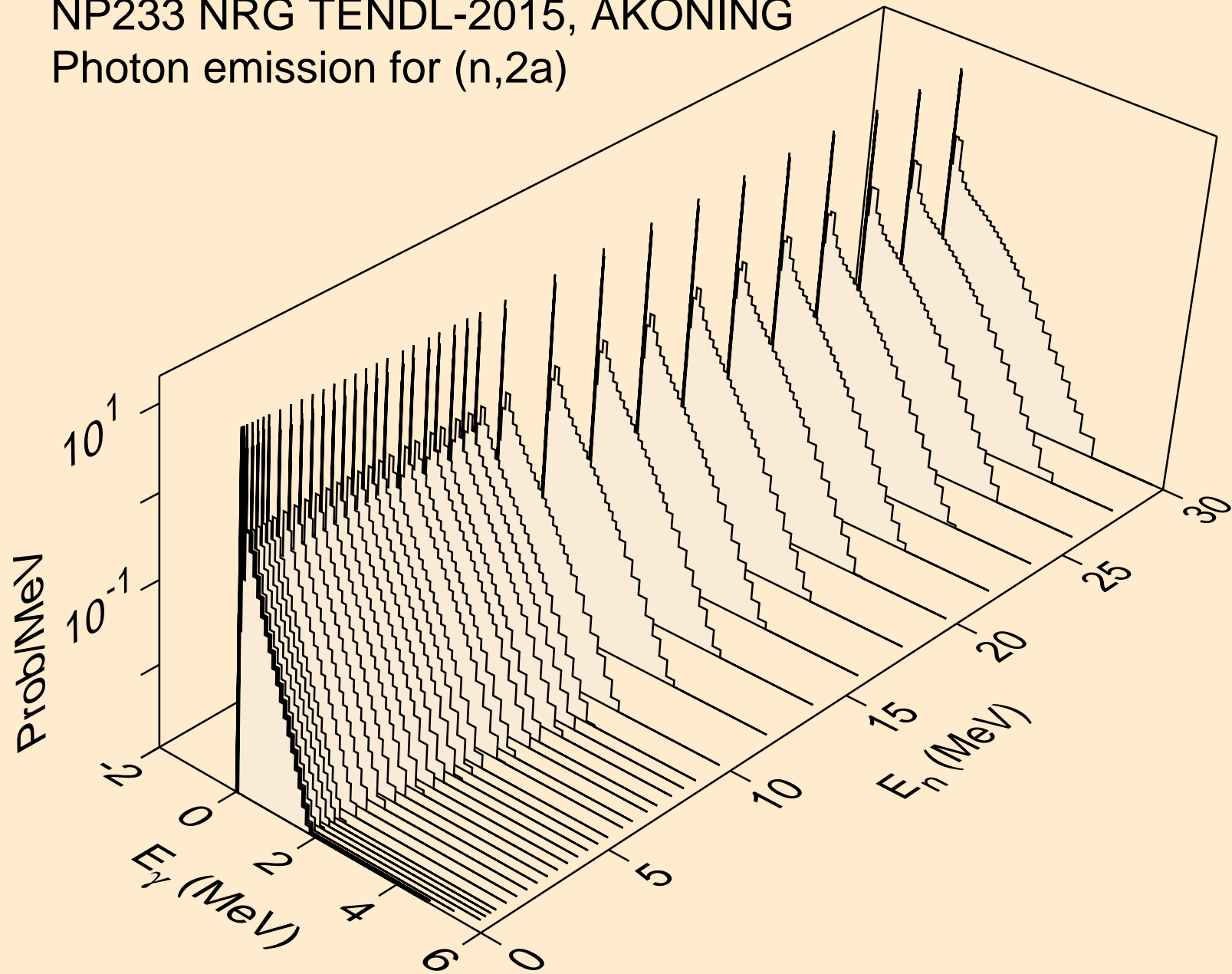
NP233 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



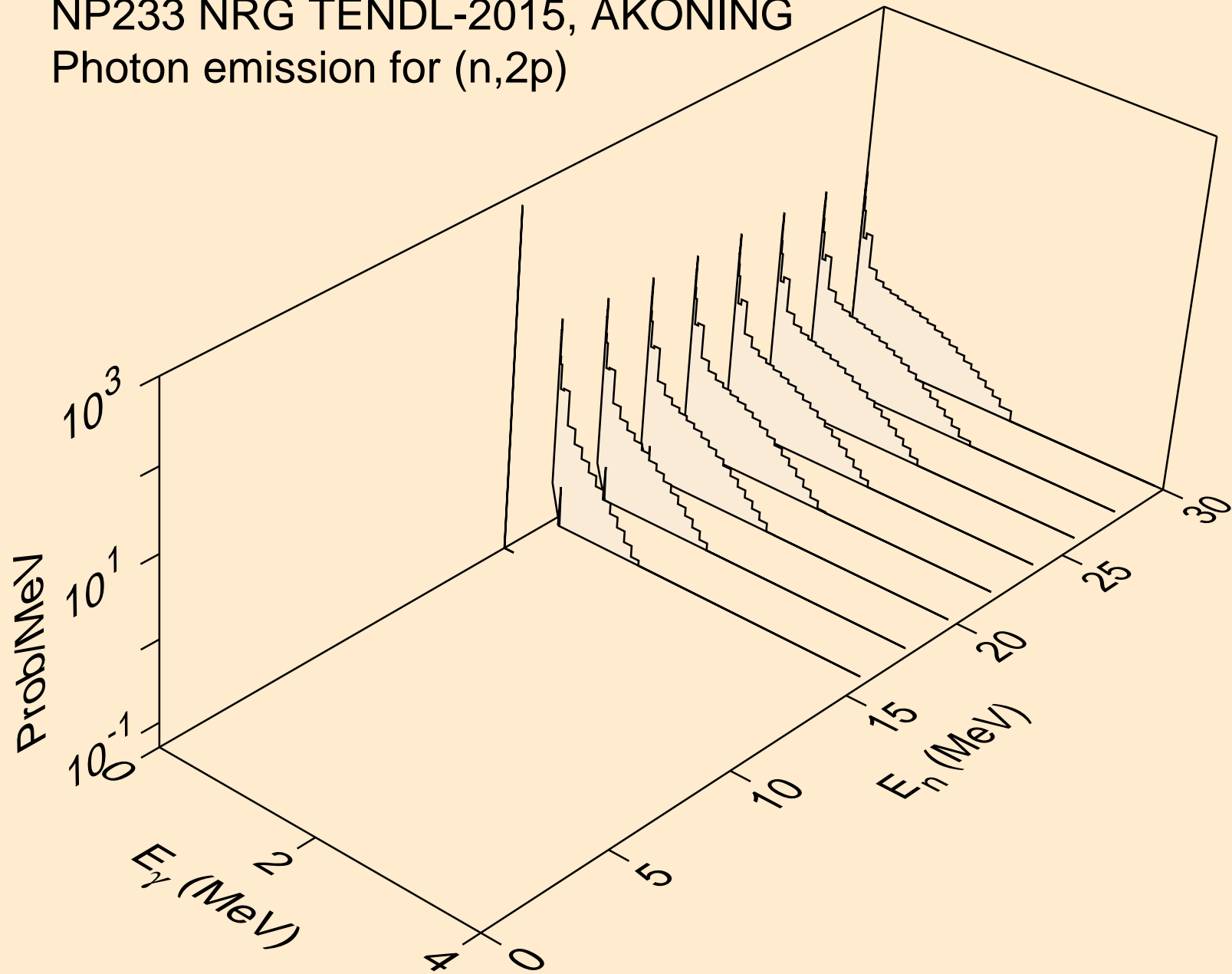
NP233 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



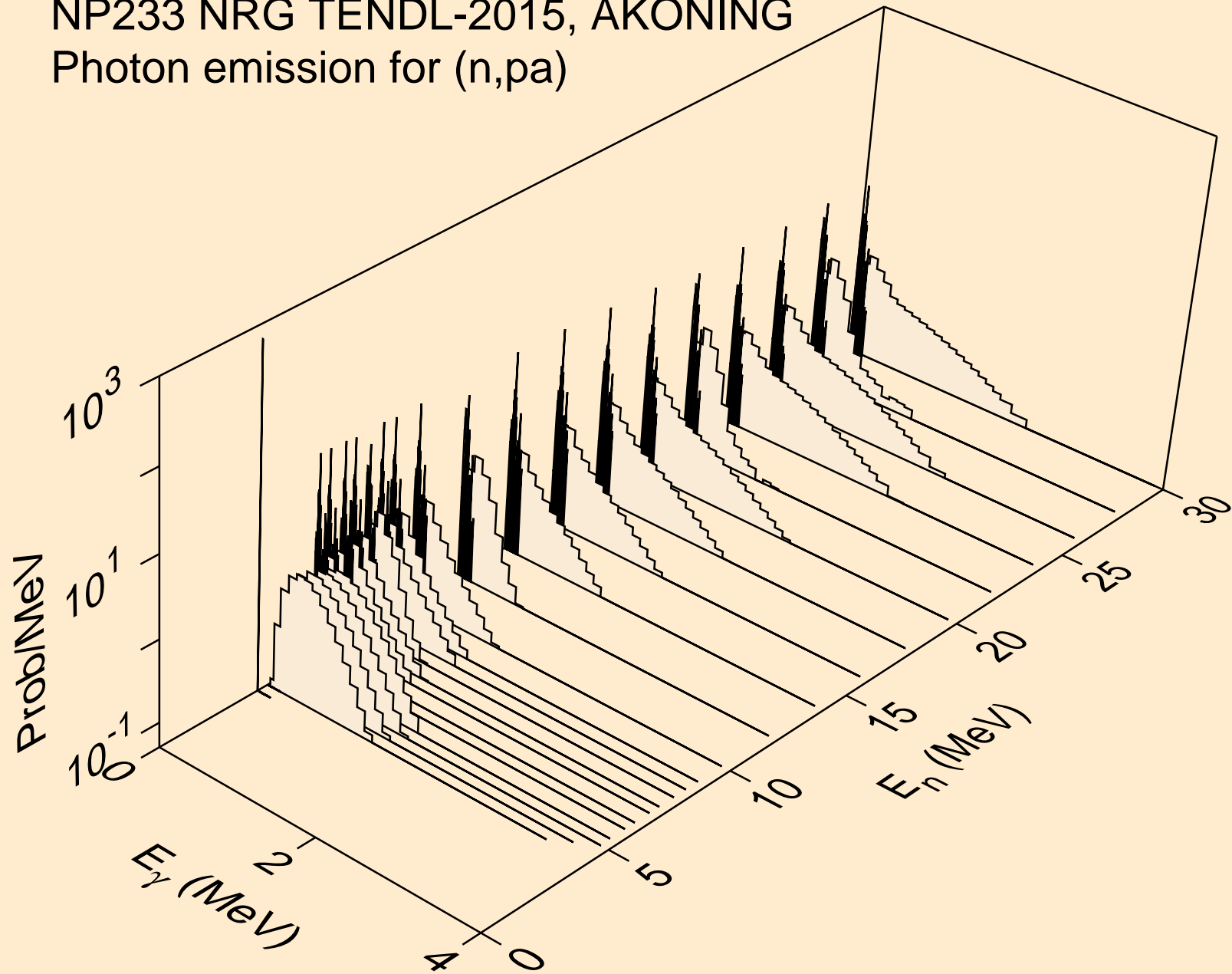
NP233 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



NP233 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

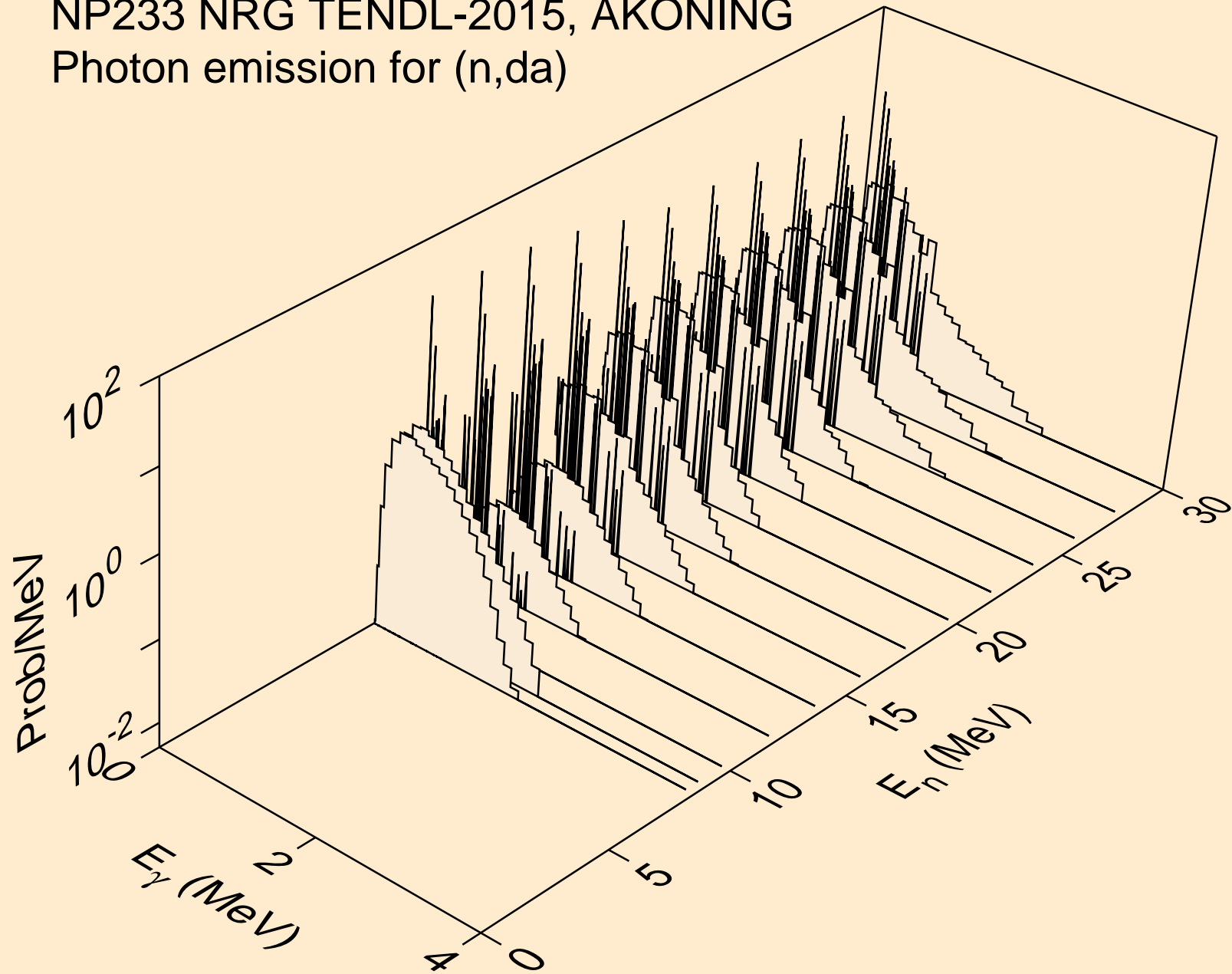


NP233 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )

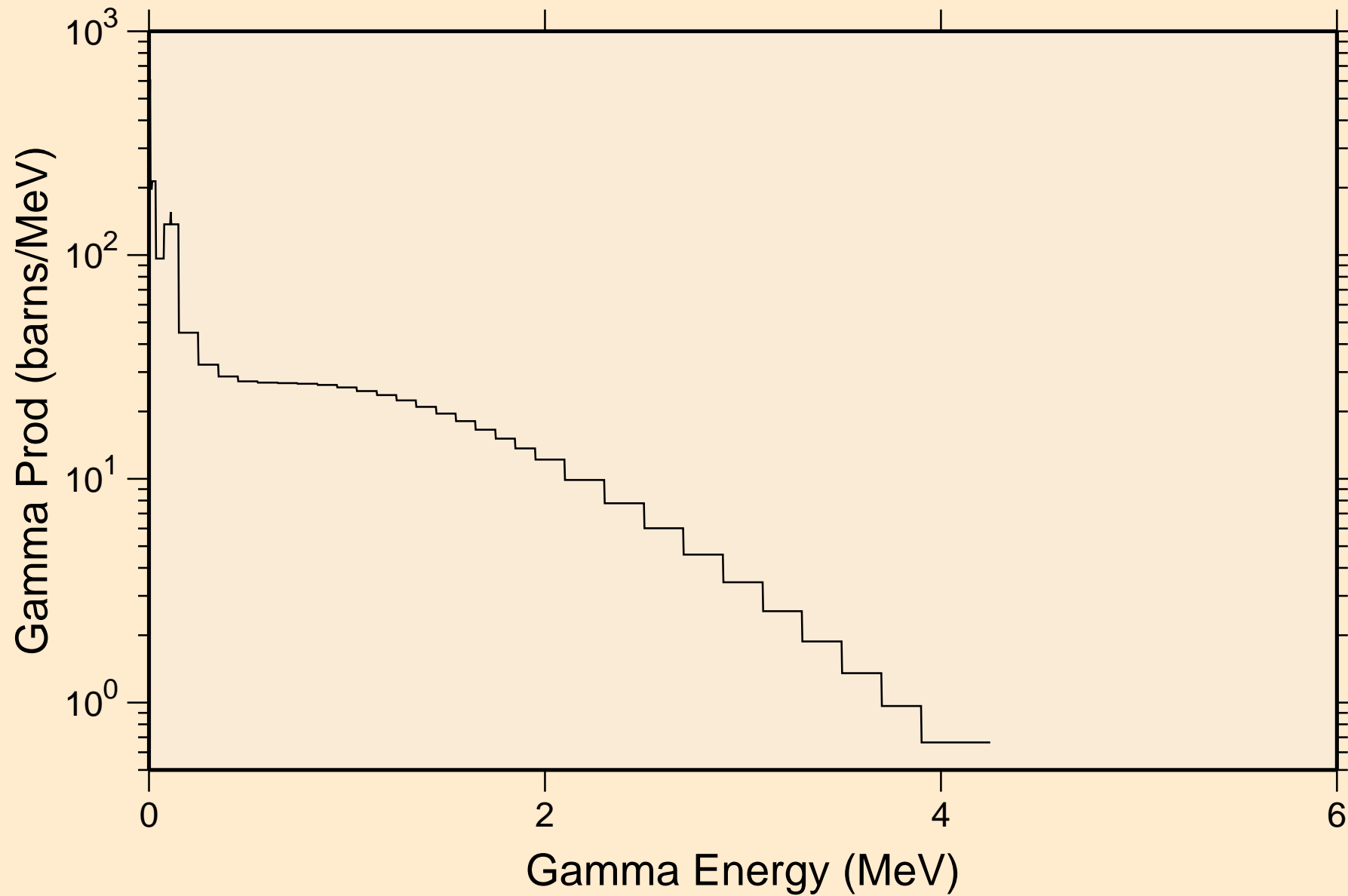




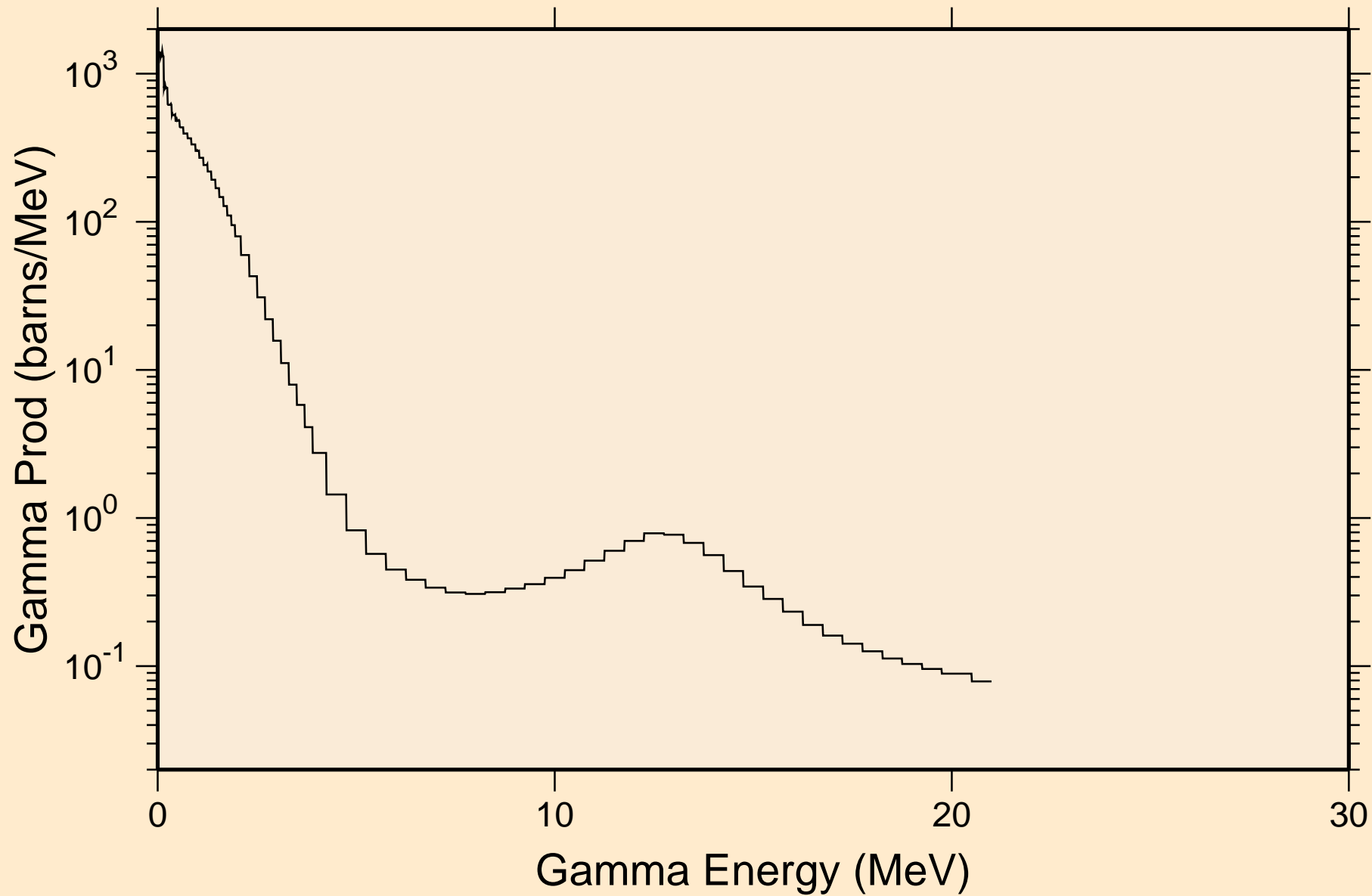
NP233 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



NP233 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

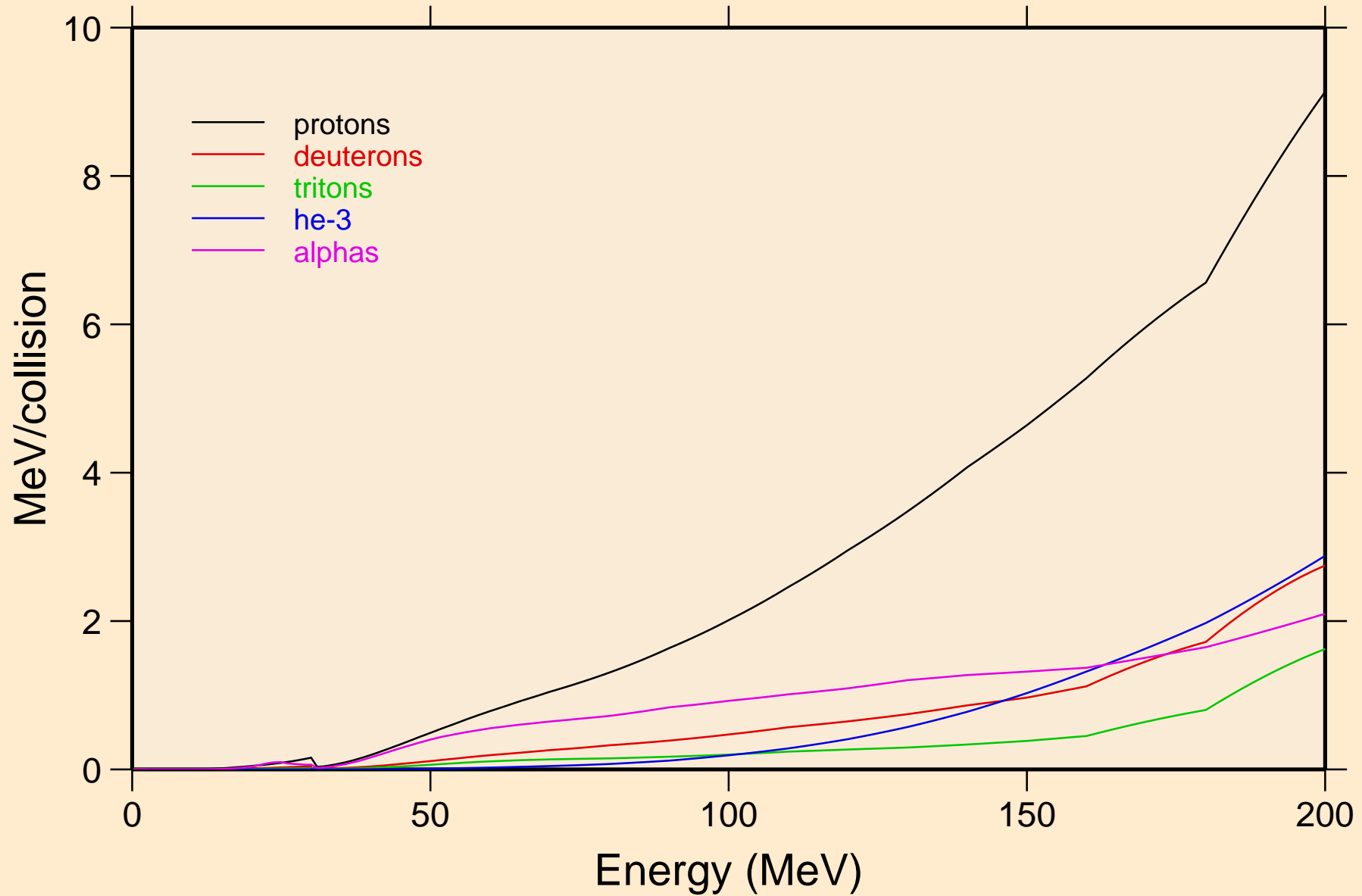


NP233 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



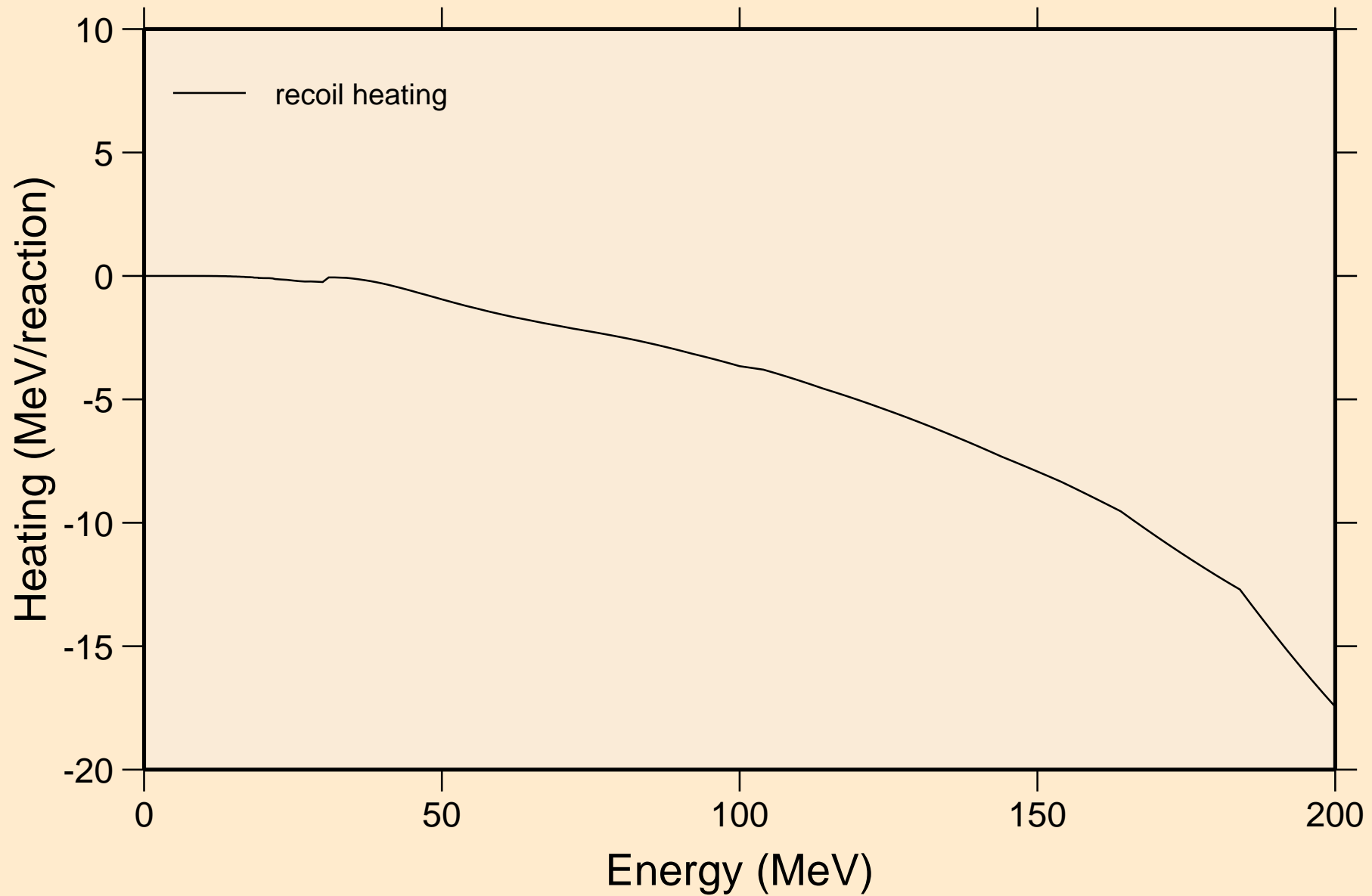
# NP233 NRG TENDL-2015, AKONING

## Particle heating contributions



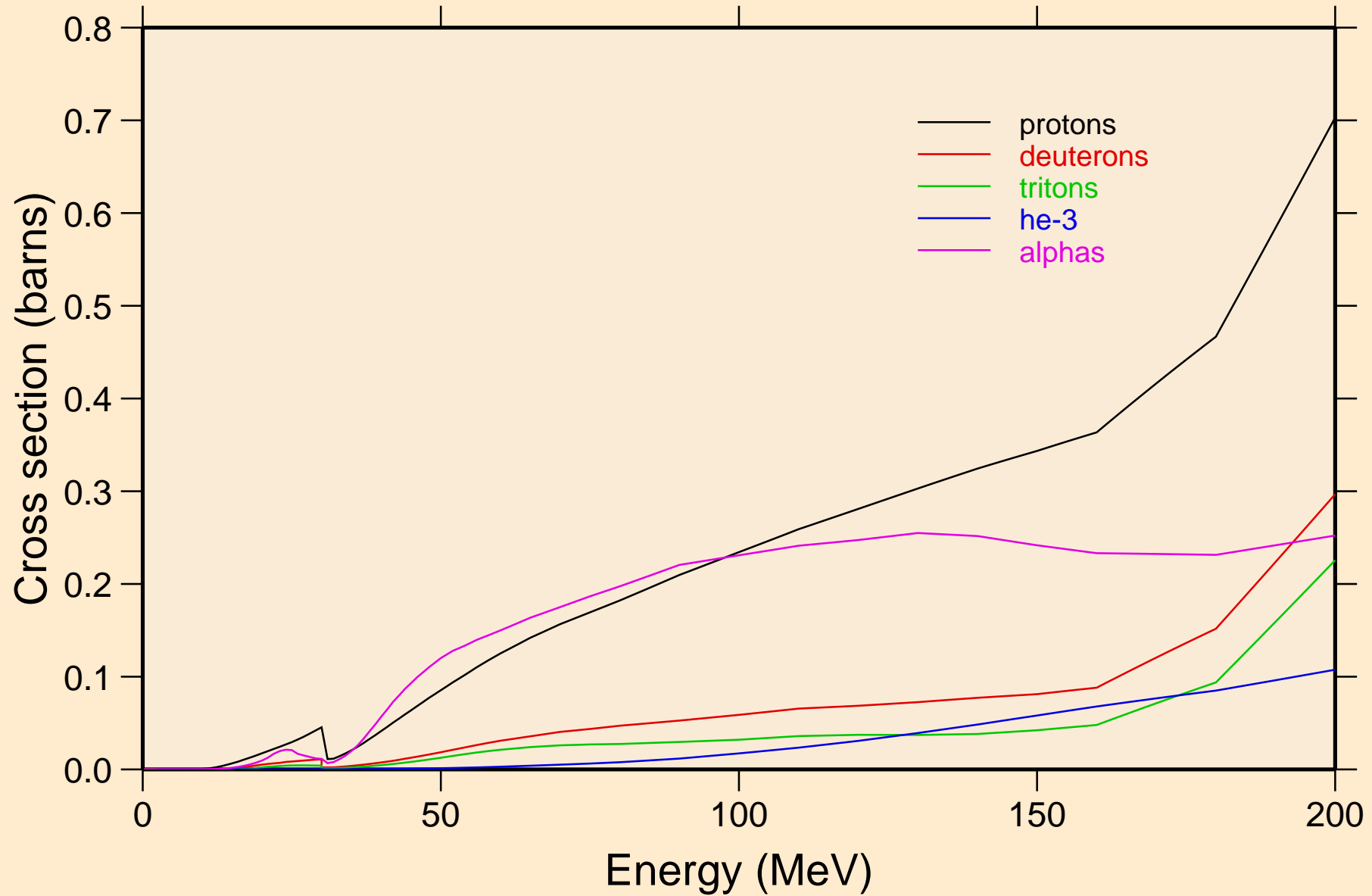
# NP233 NRG TENDL-2015, AKONING

## Recoil Heating

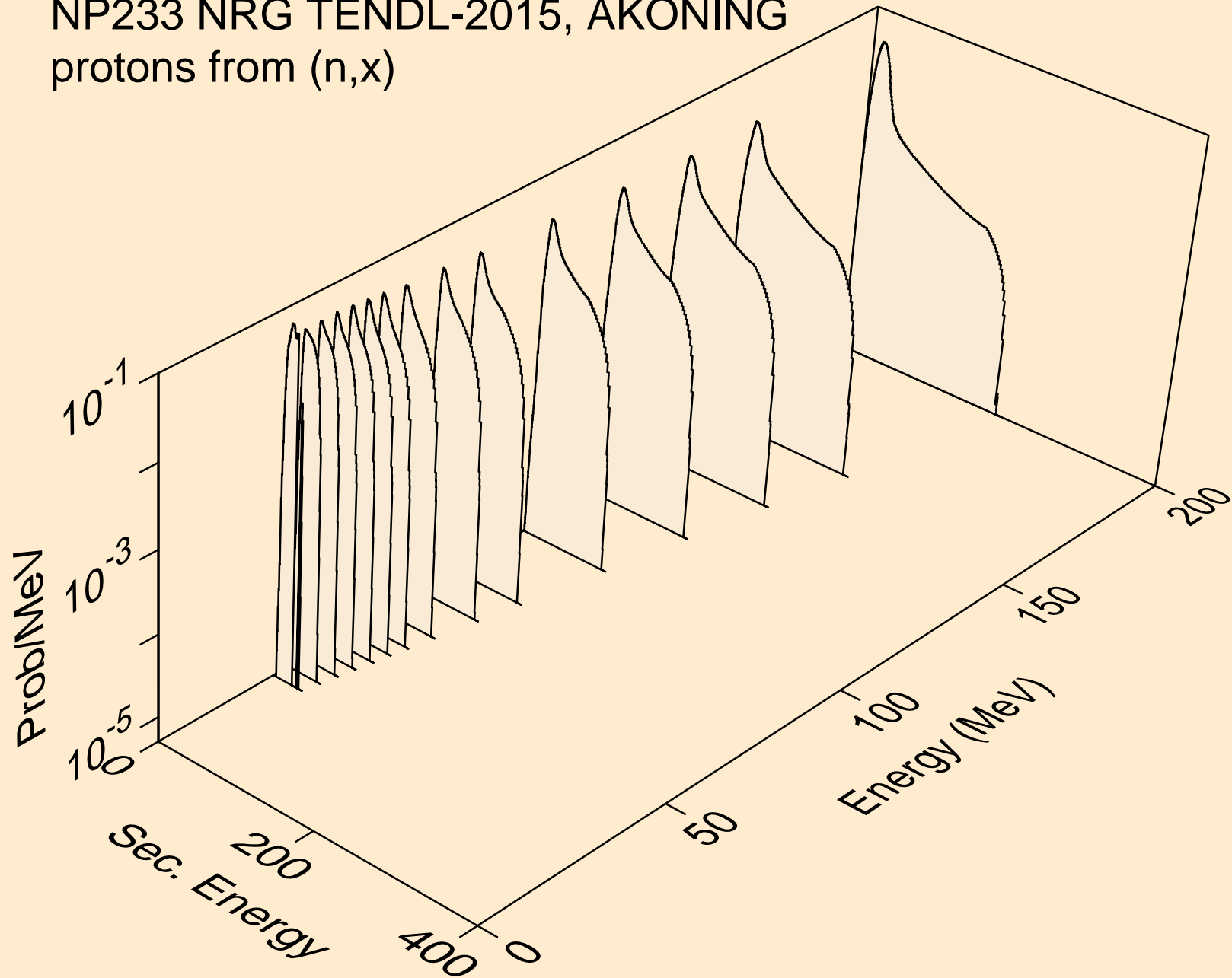


# NP233 NRG TENDL-2015, AKONING

## Particle production cross sections



NP233 NRG TENDL-2015, AKONING  
protons from (n,x)

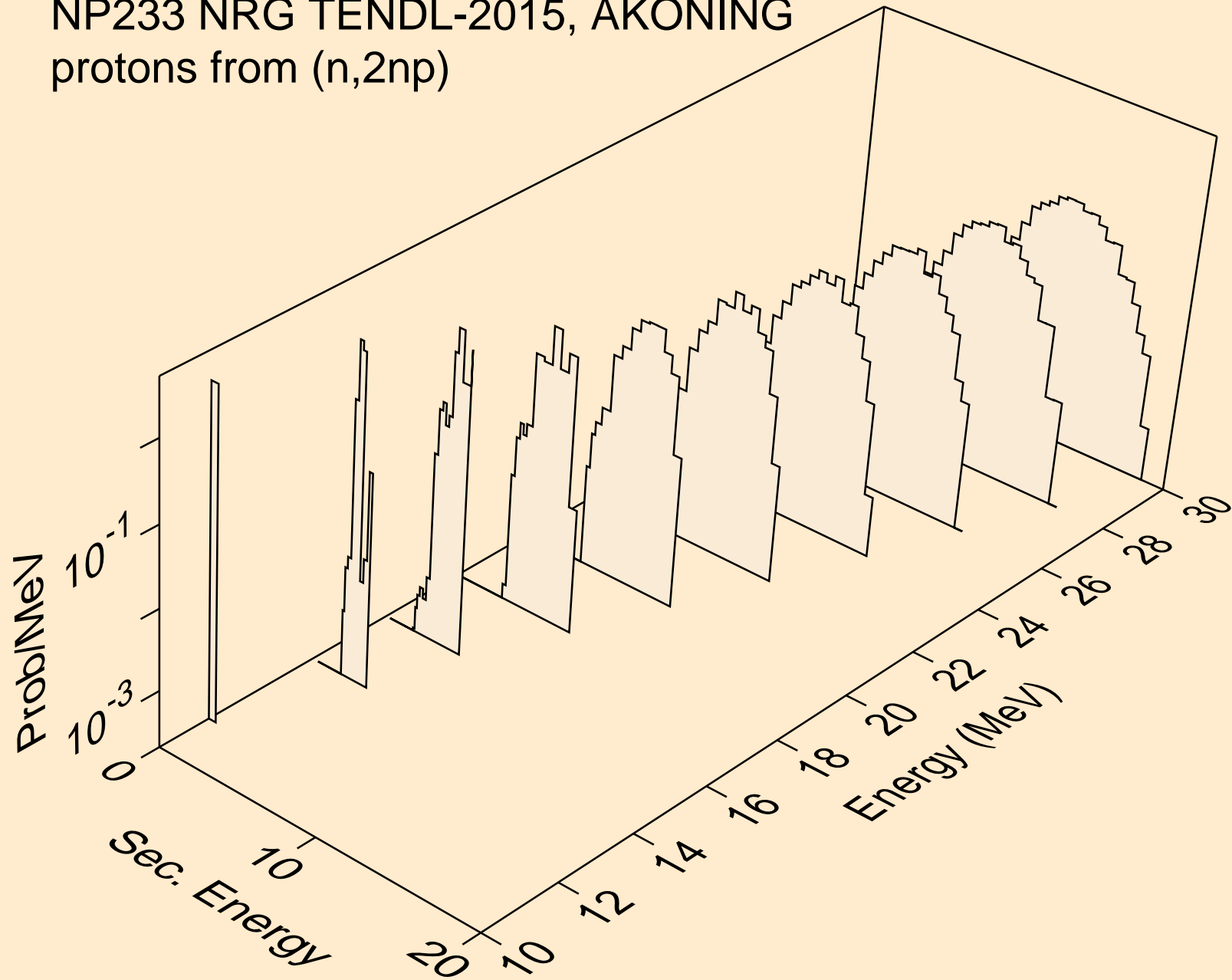


NP233 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

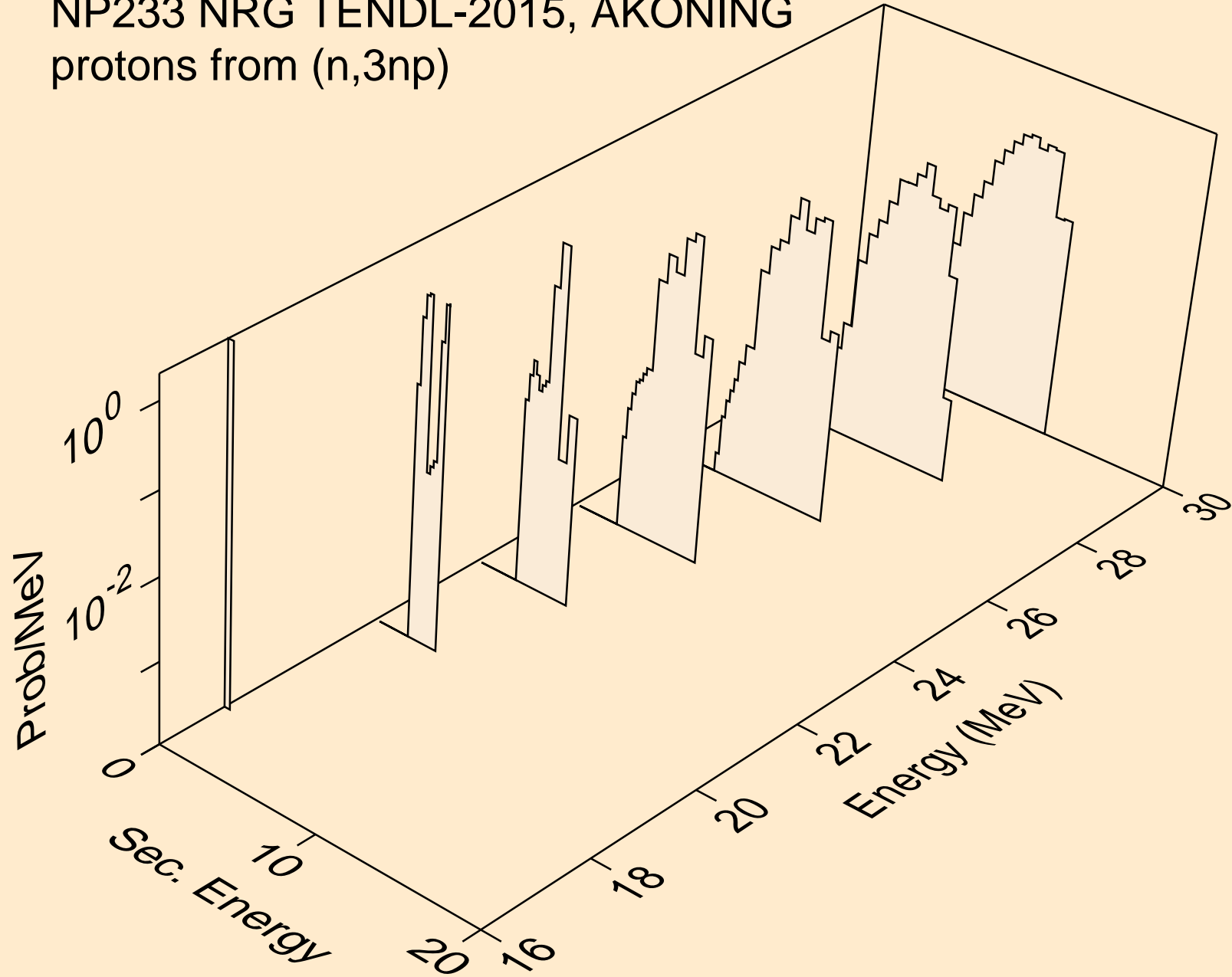




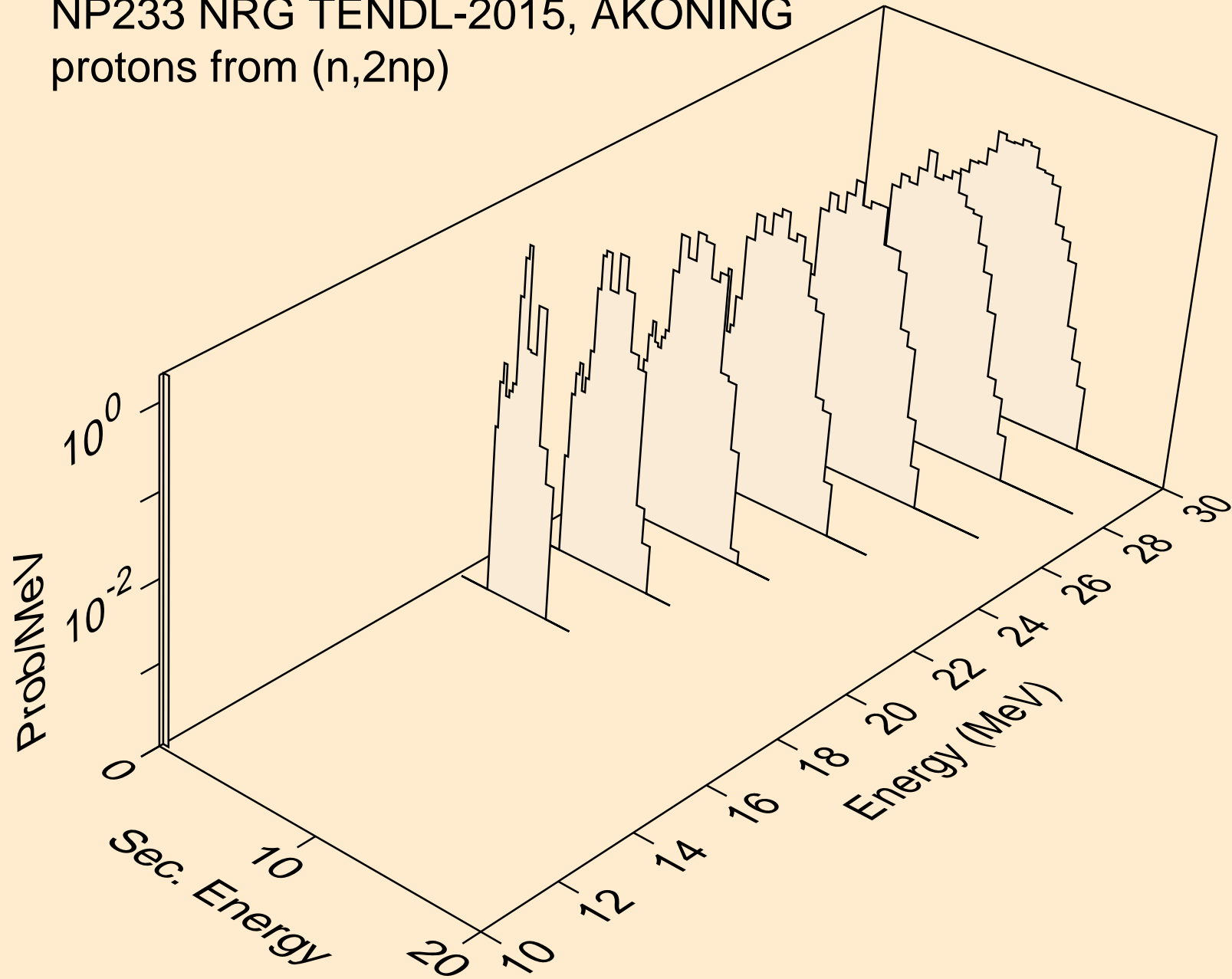
NP233 NRG TENDL-2015, AKONING  
protons from (n,2np)



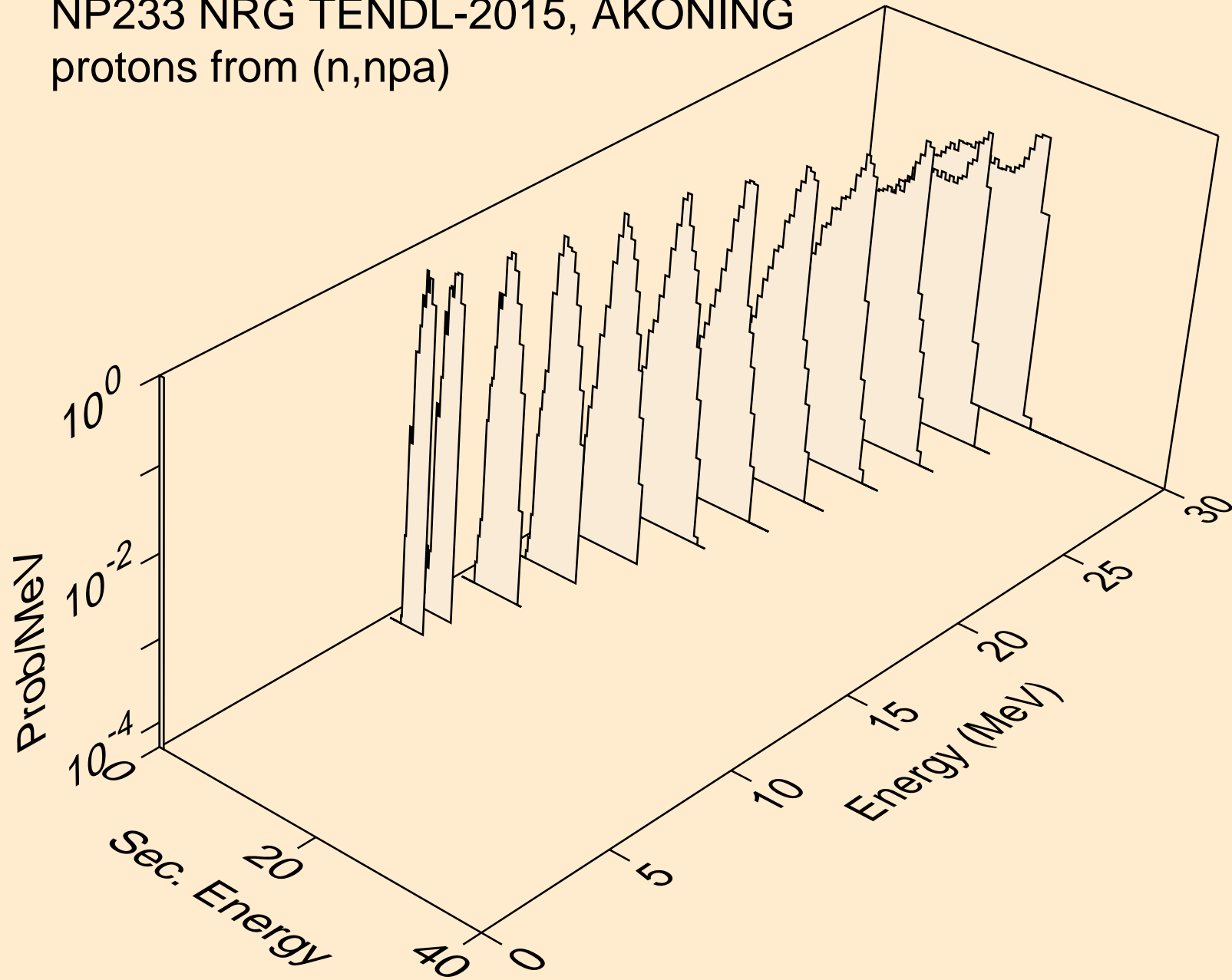
NP233 NRG TENDL-2015, AKONING  
protons from (n,3np)



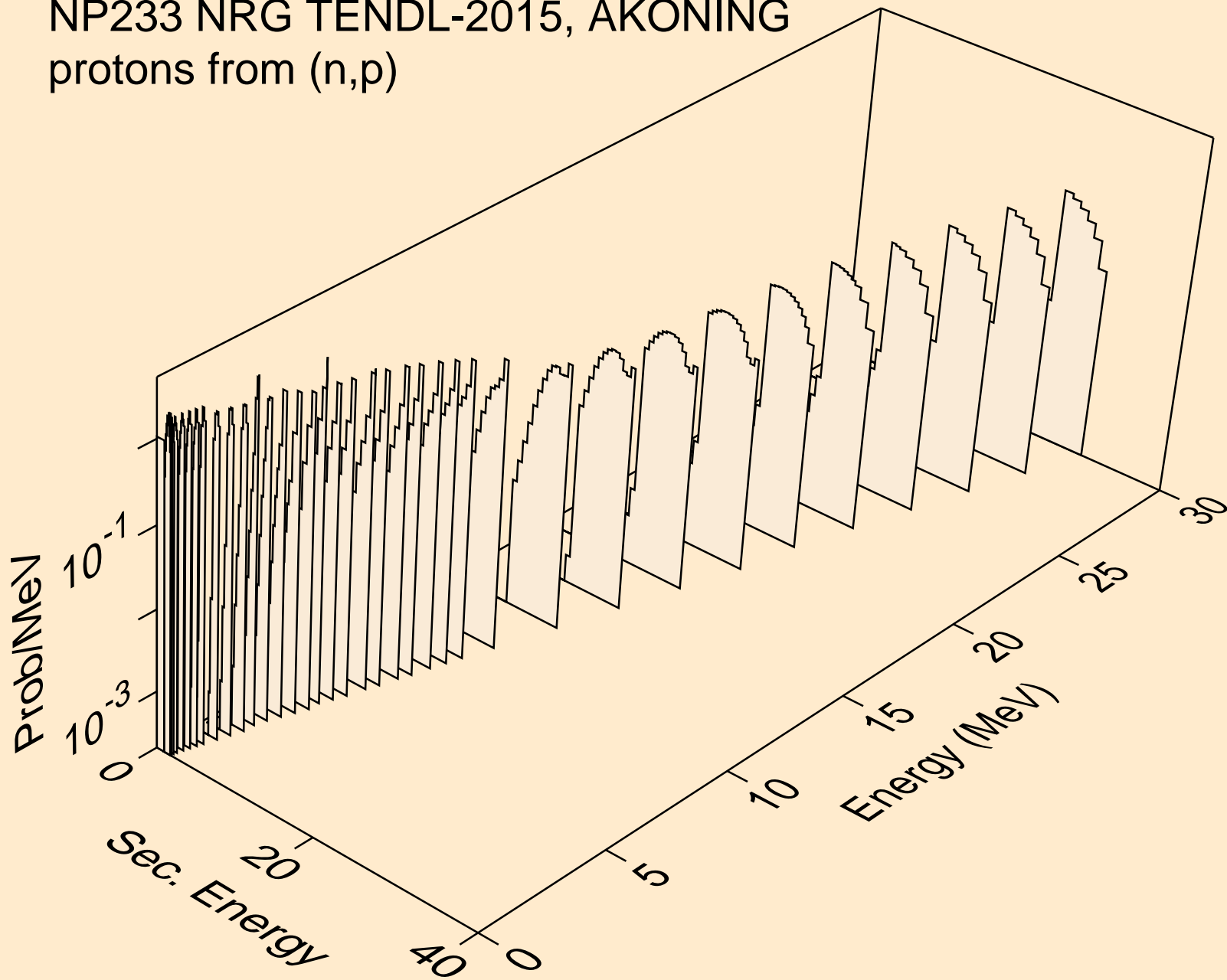
NP233 NRG TENDL-2015, AKONING  
protons from (n,2np)



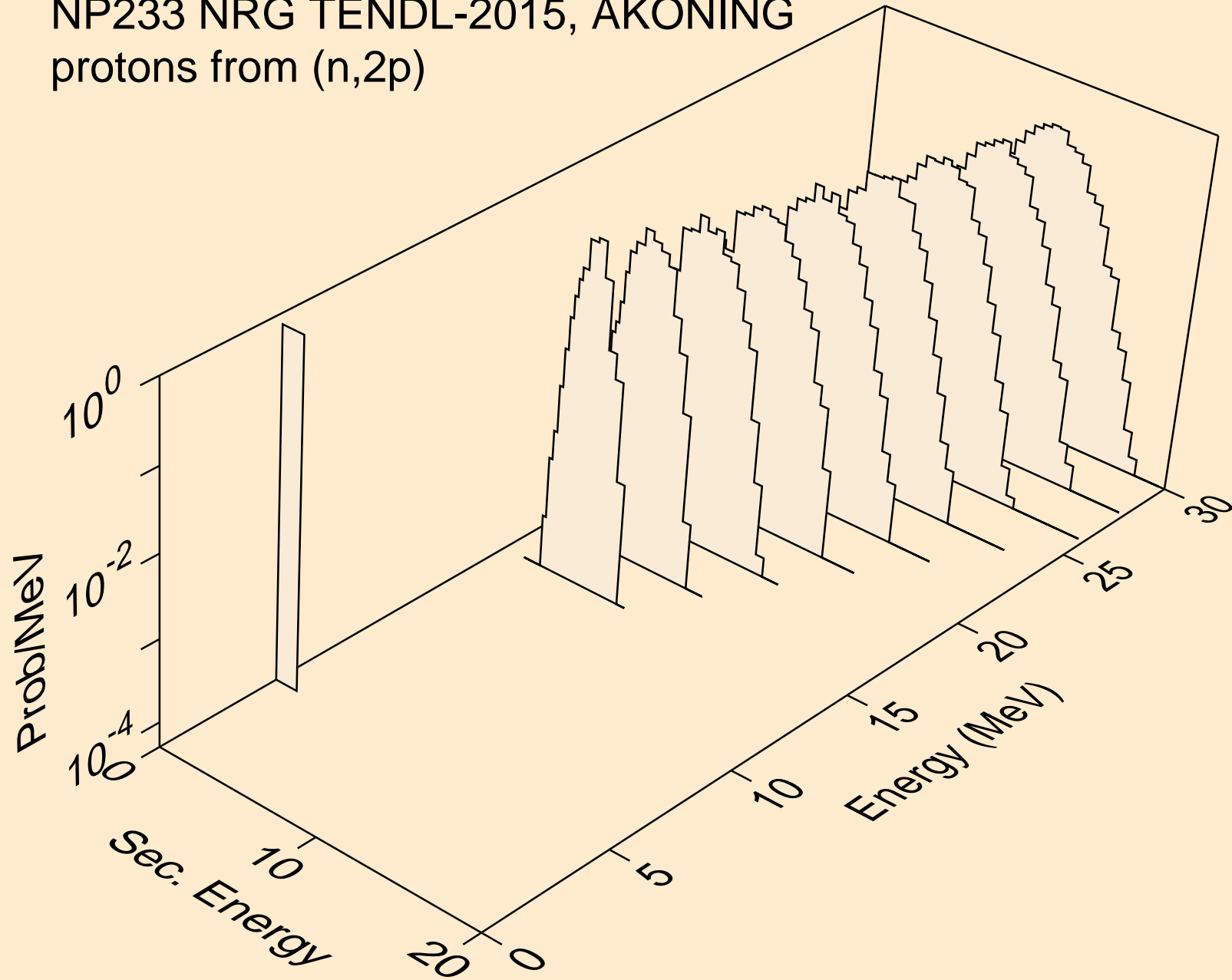
NP233 NRG TENDL-2015, AKONING  
protons from (n,npa)



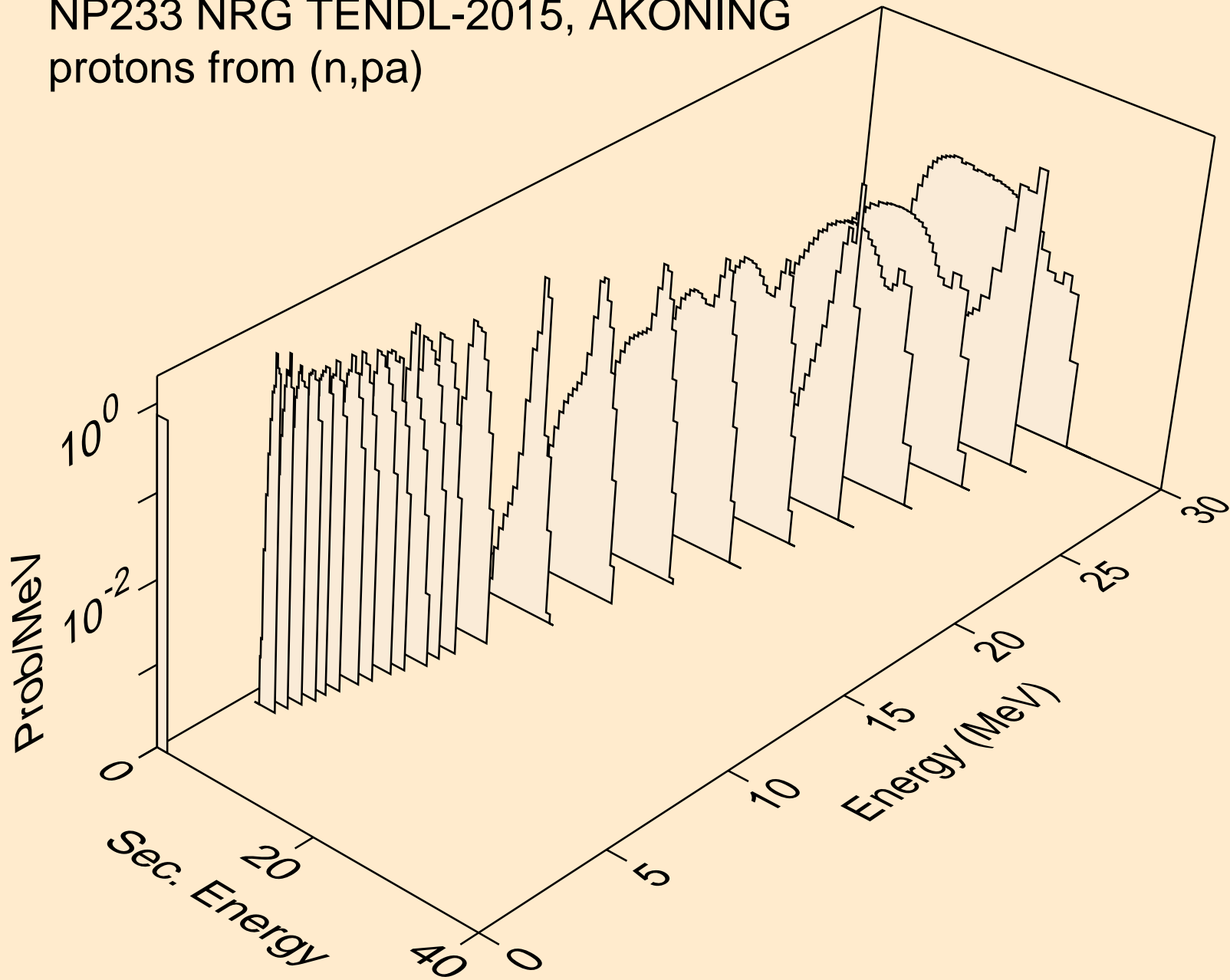
NP233 NRG TENDL-2015, AKONING  
protons from (n,p)



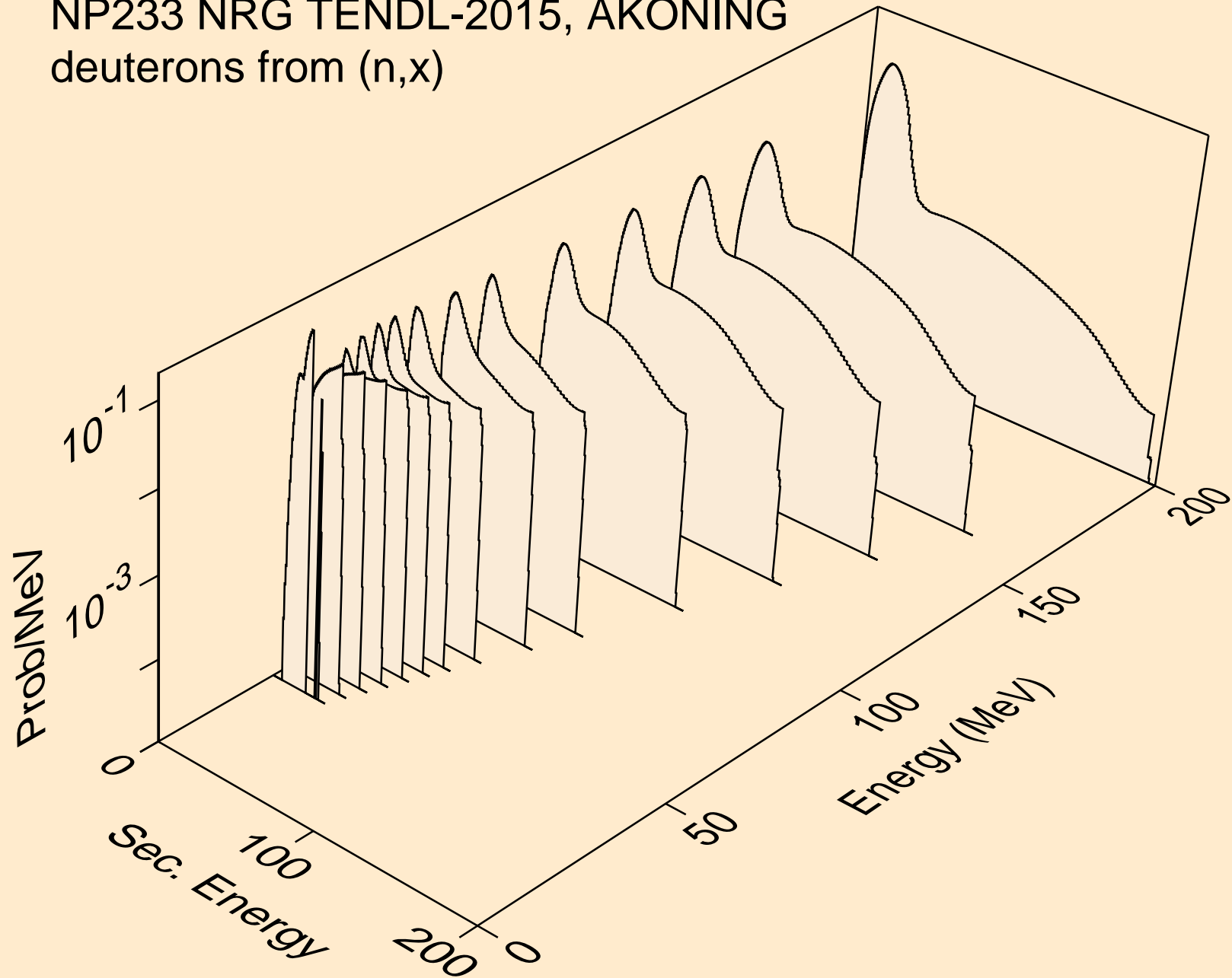
NP233 NRG TENDL-2015, AKONING  
protons from (n,2p)



NP233 NRG TENDL-2015, AKONING  
protons from (n,pa)

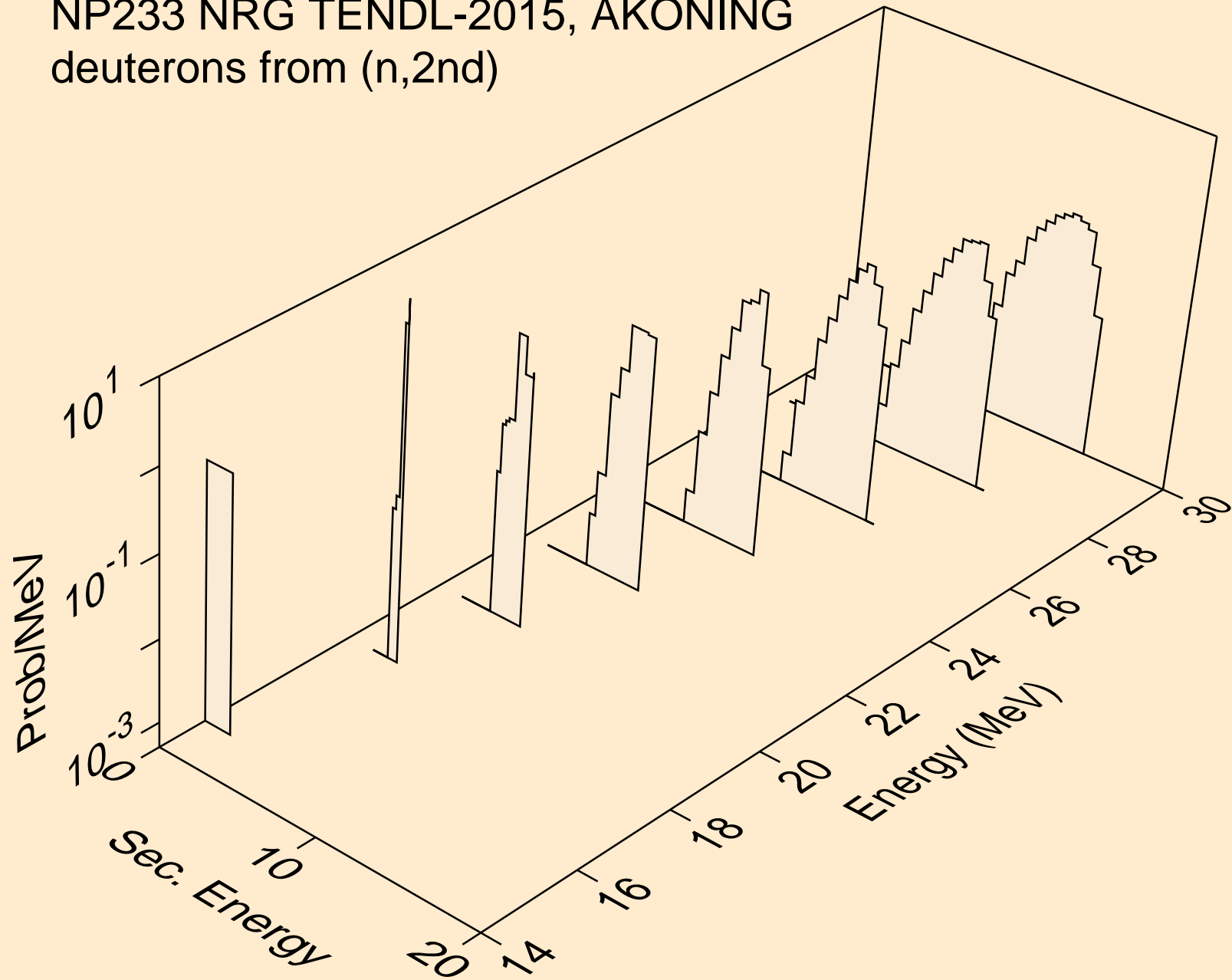


NP233 NRG TENDL-2015, AKONING  
deuterons from (n,x)

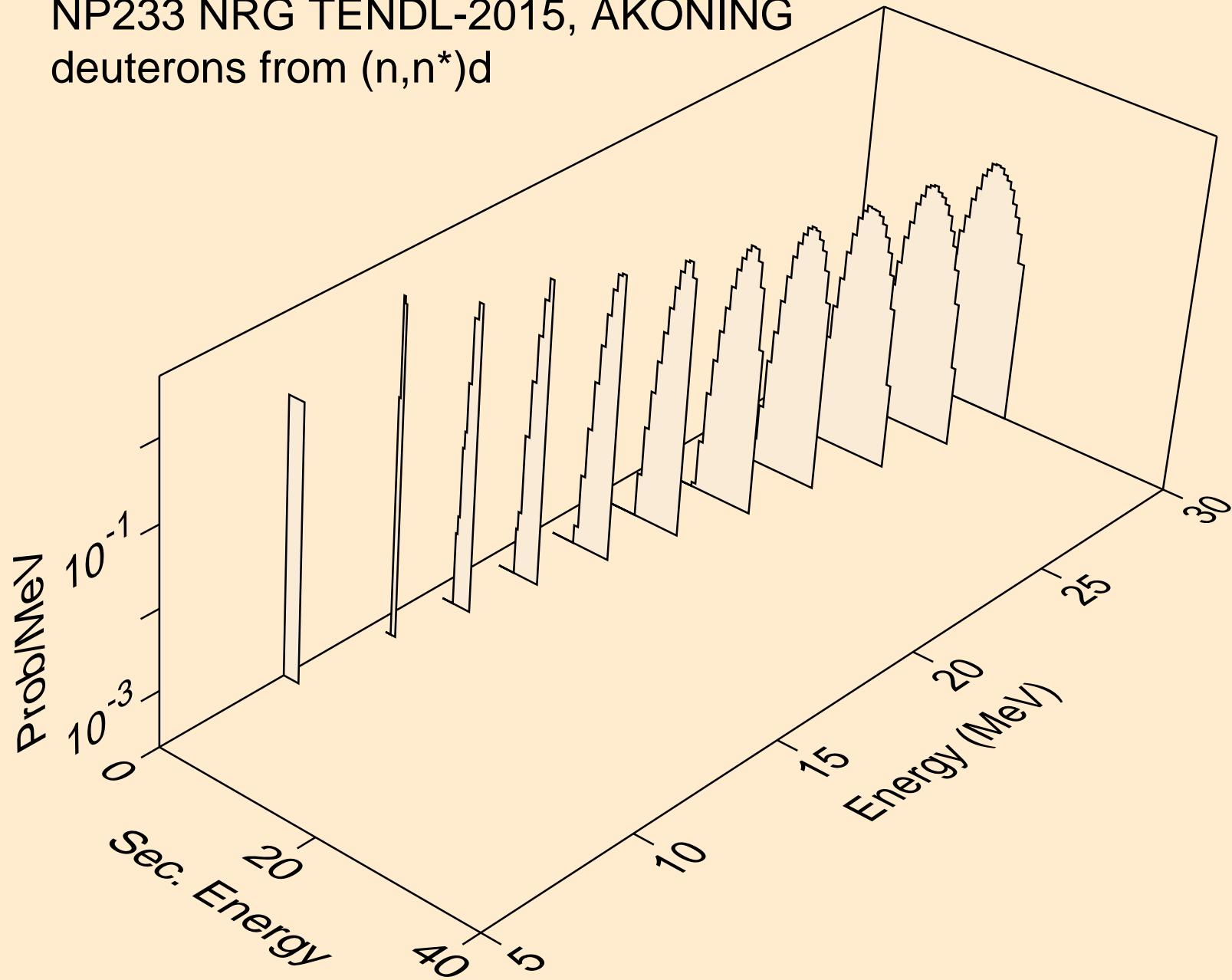




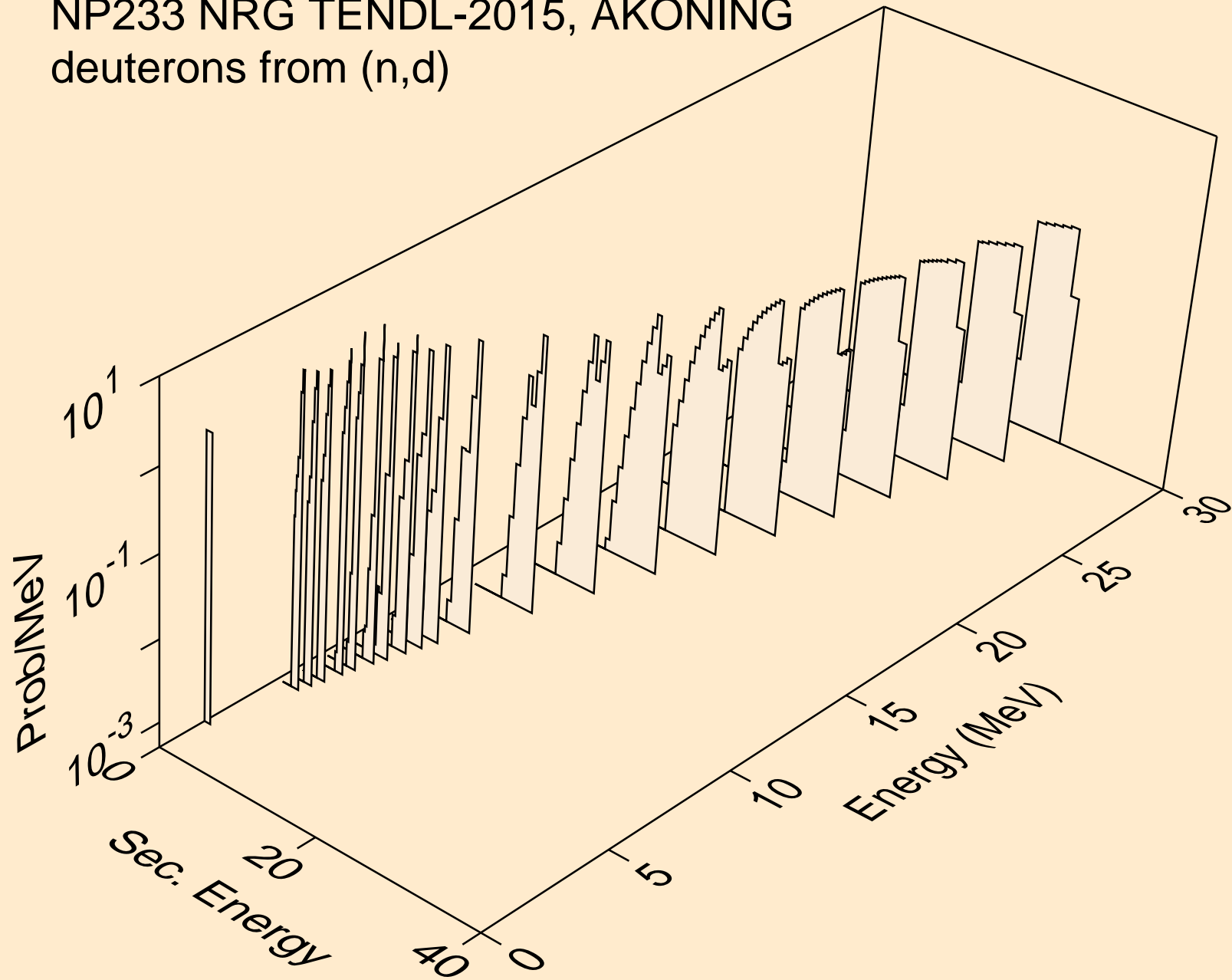
NP233 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



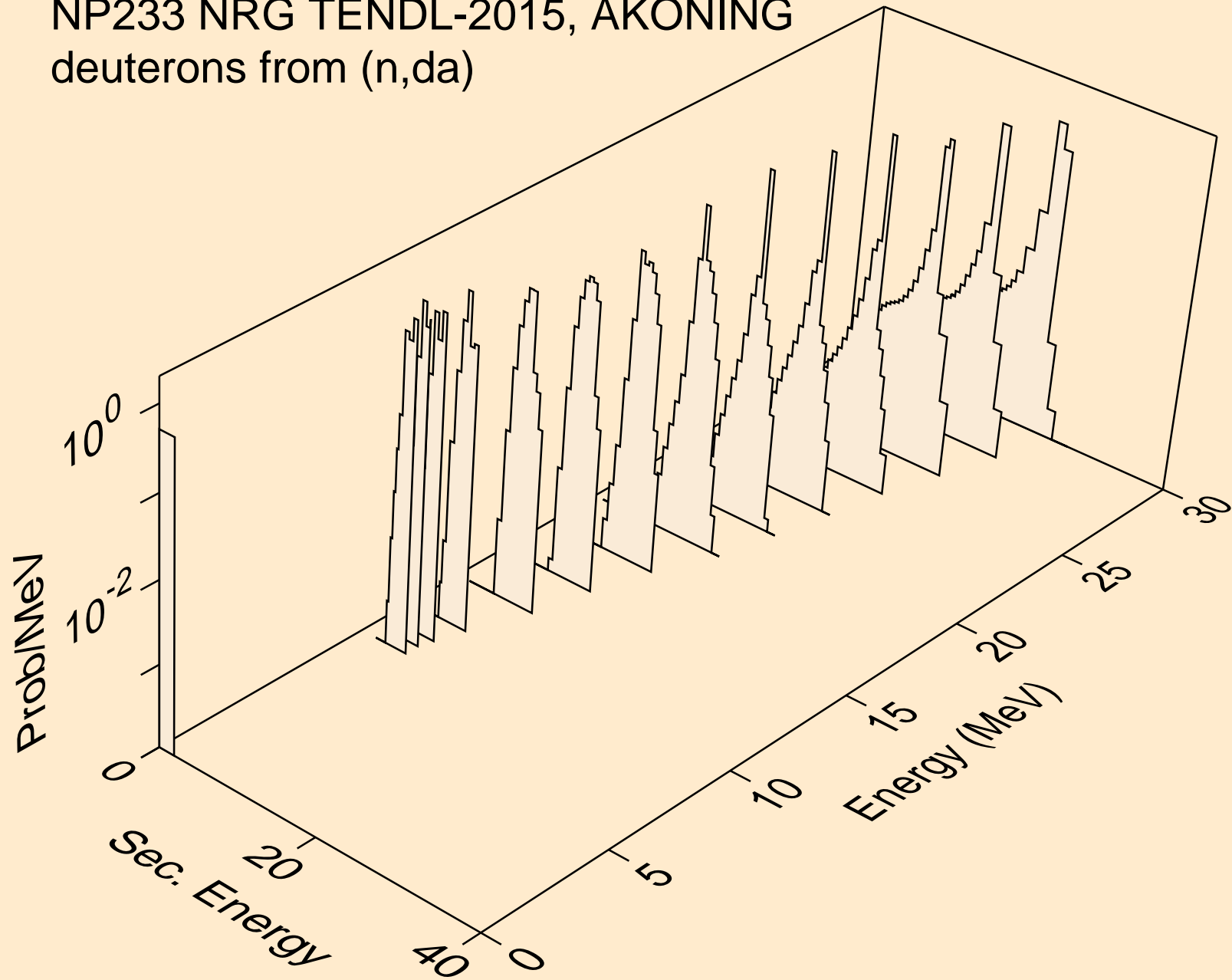
NP233 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



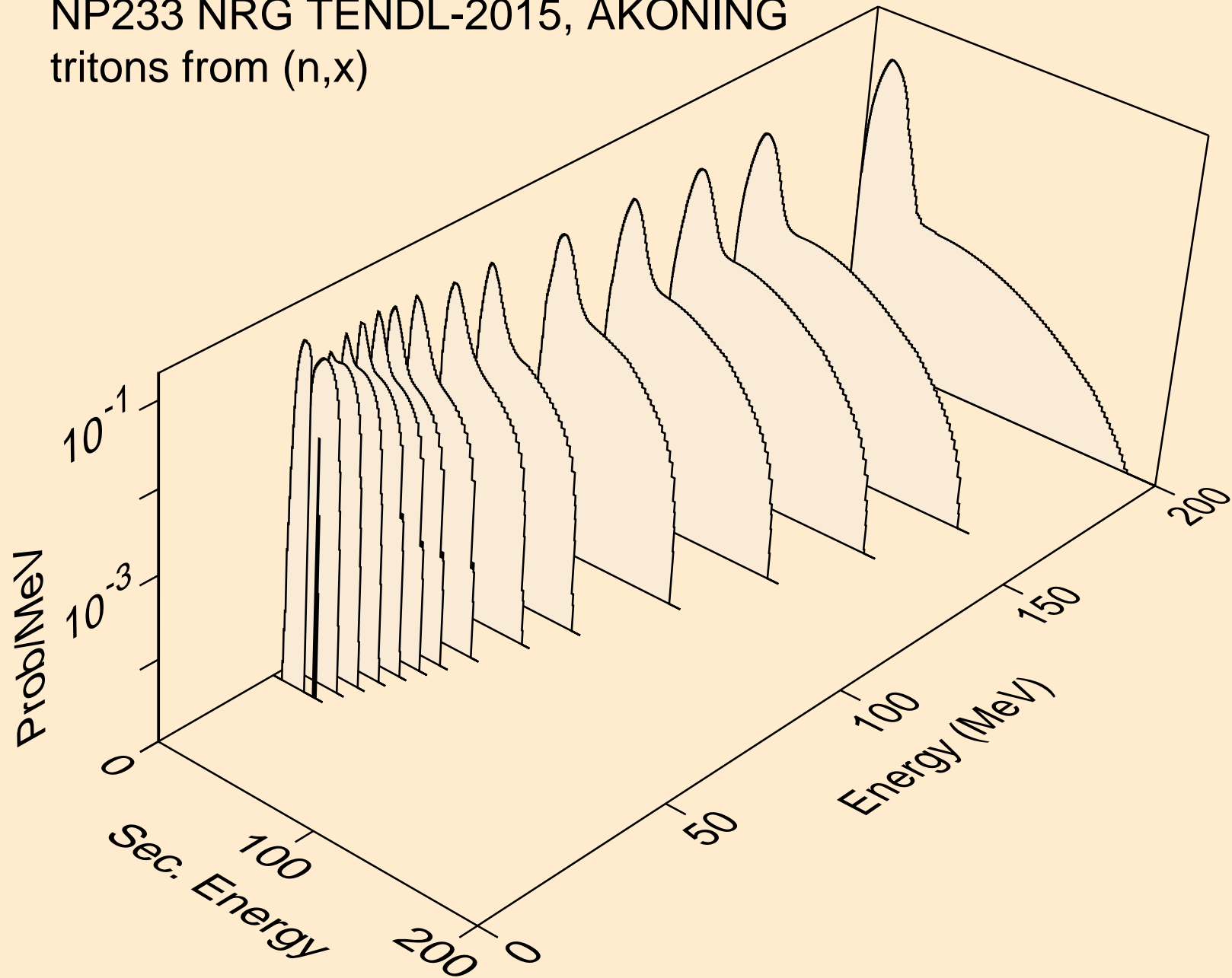
NP233 NRG TENDL-2015, AKONING  
deuterons from (n,d)



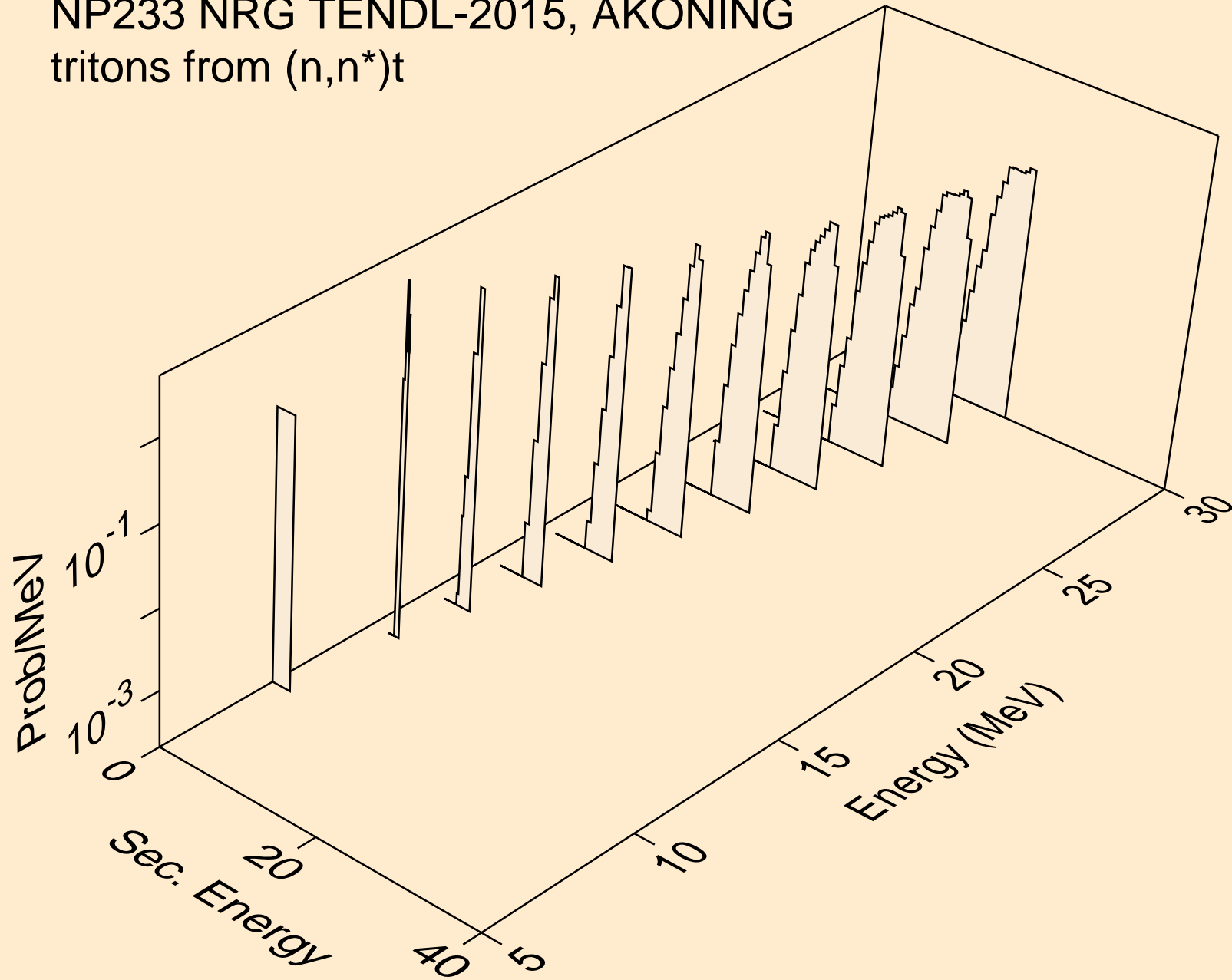
NP233 NRG TENDL-2015, AKONING  
deuterons from (n,da)



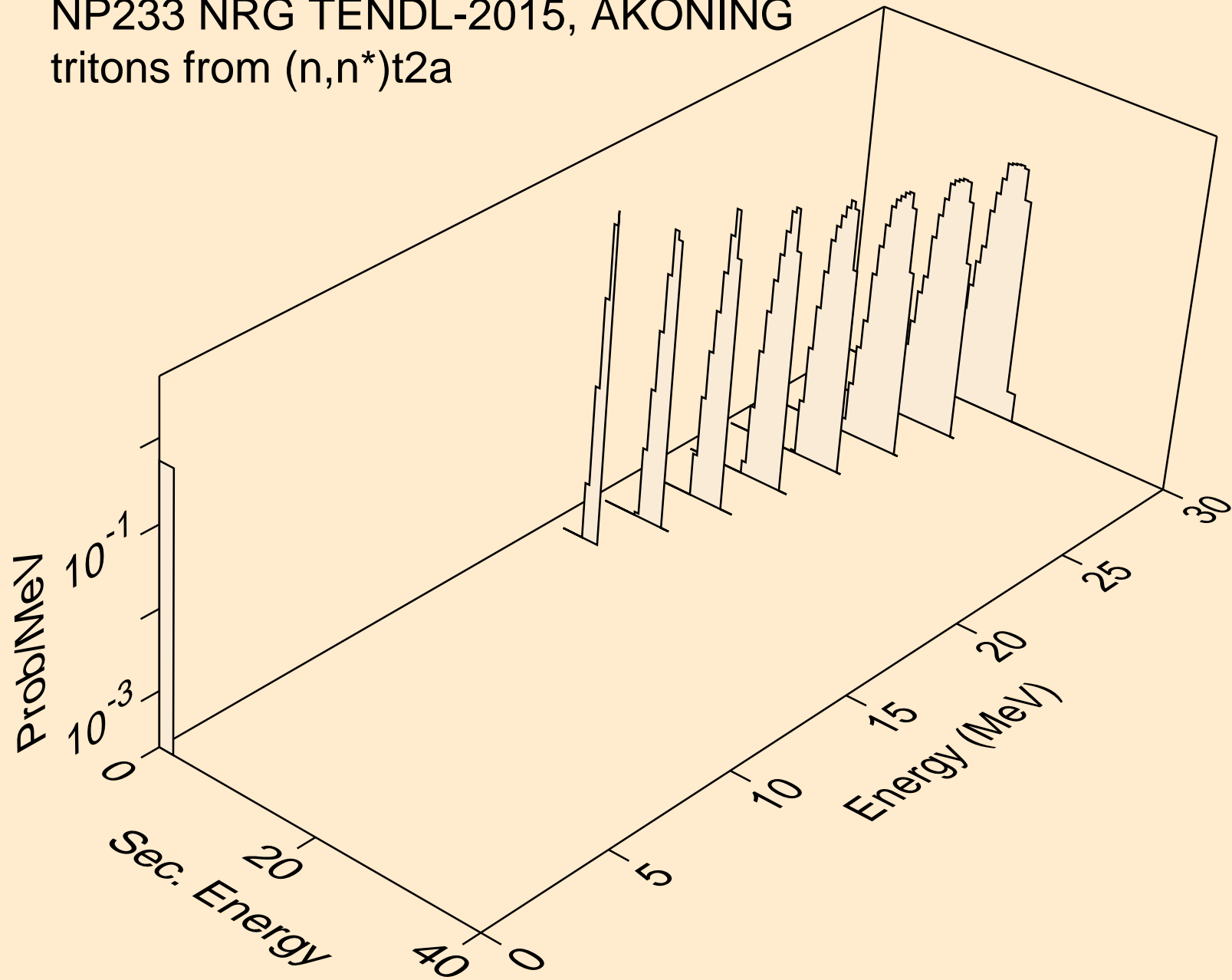
NP233 NRG TENDL-2015, AKONING  
tritons from (n,x)



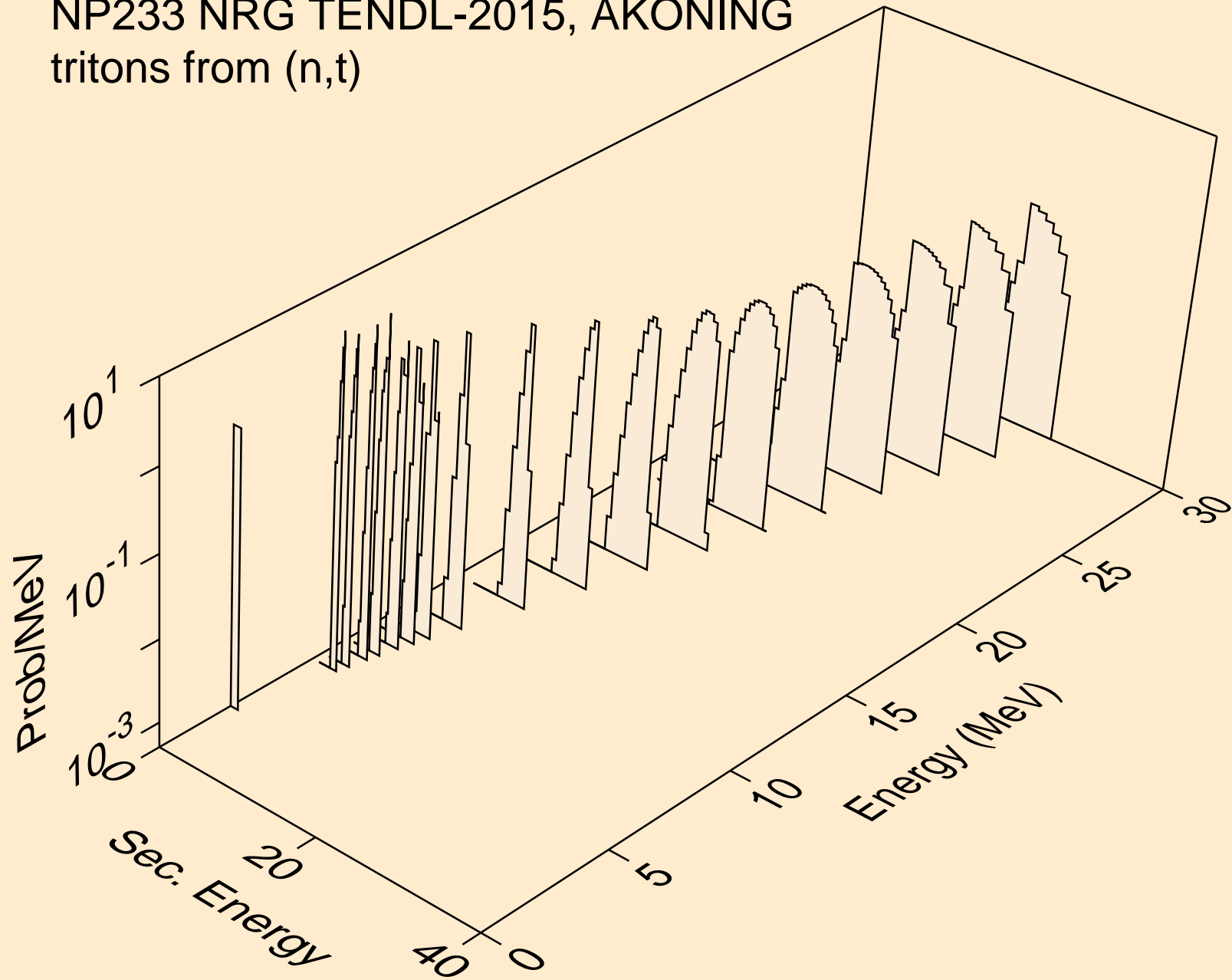
NP233 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



NP233 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t2a

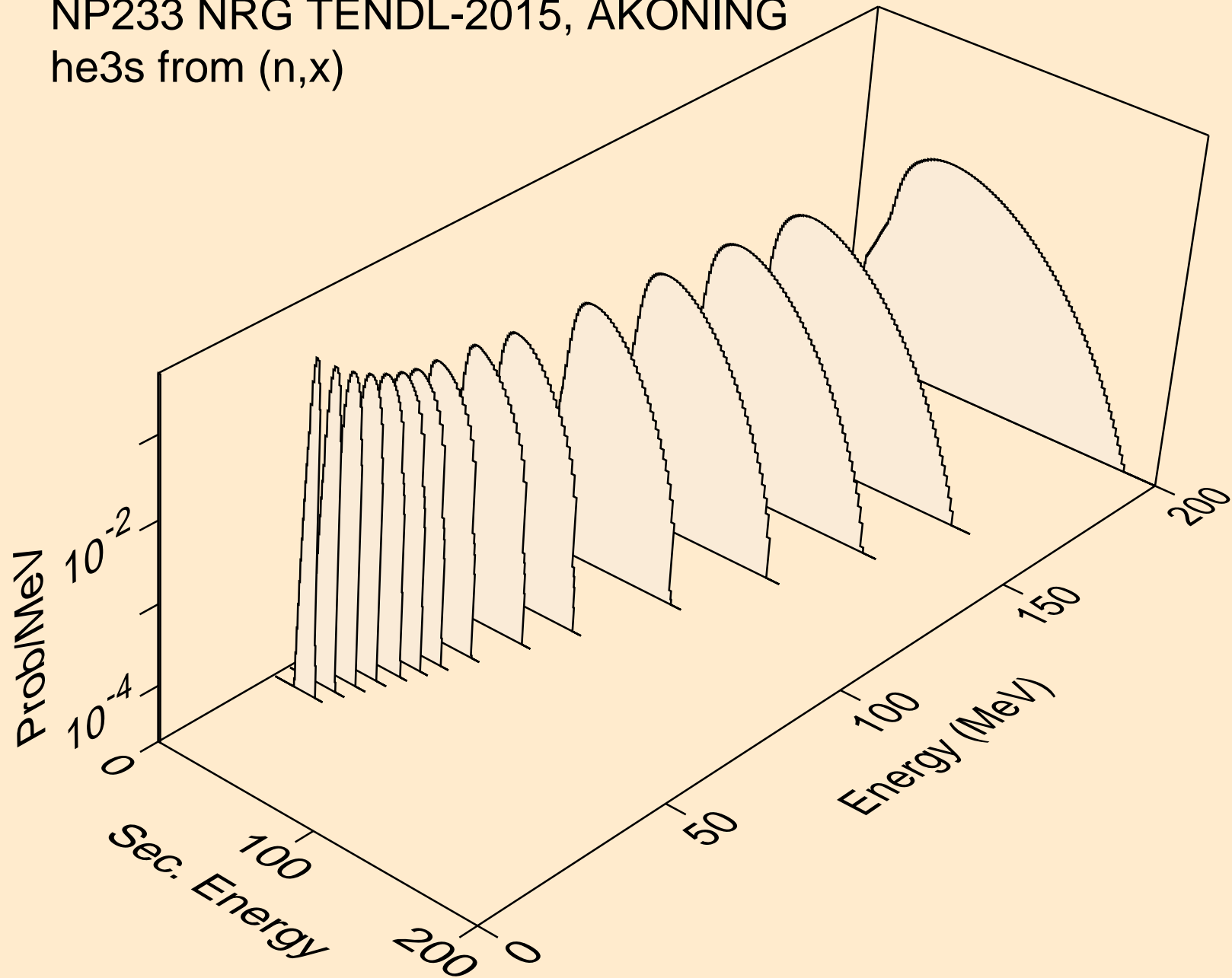


NP233 NRG TENDL-2015, AKONING  
tritons from (n,t)

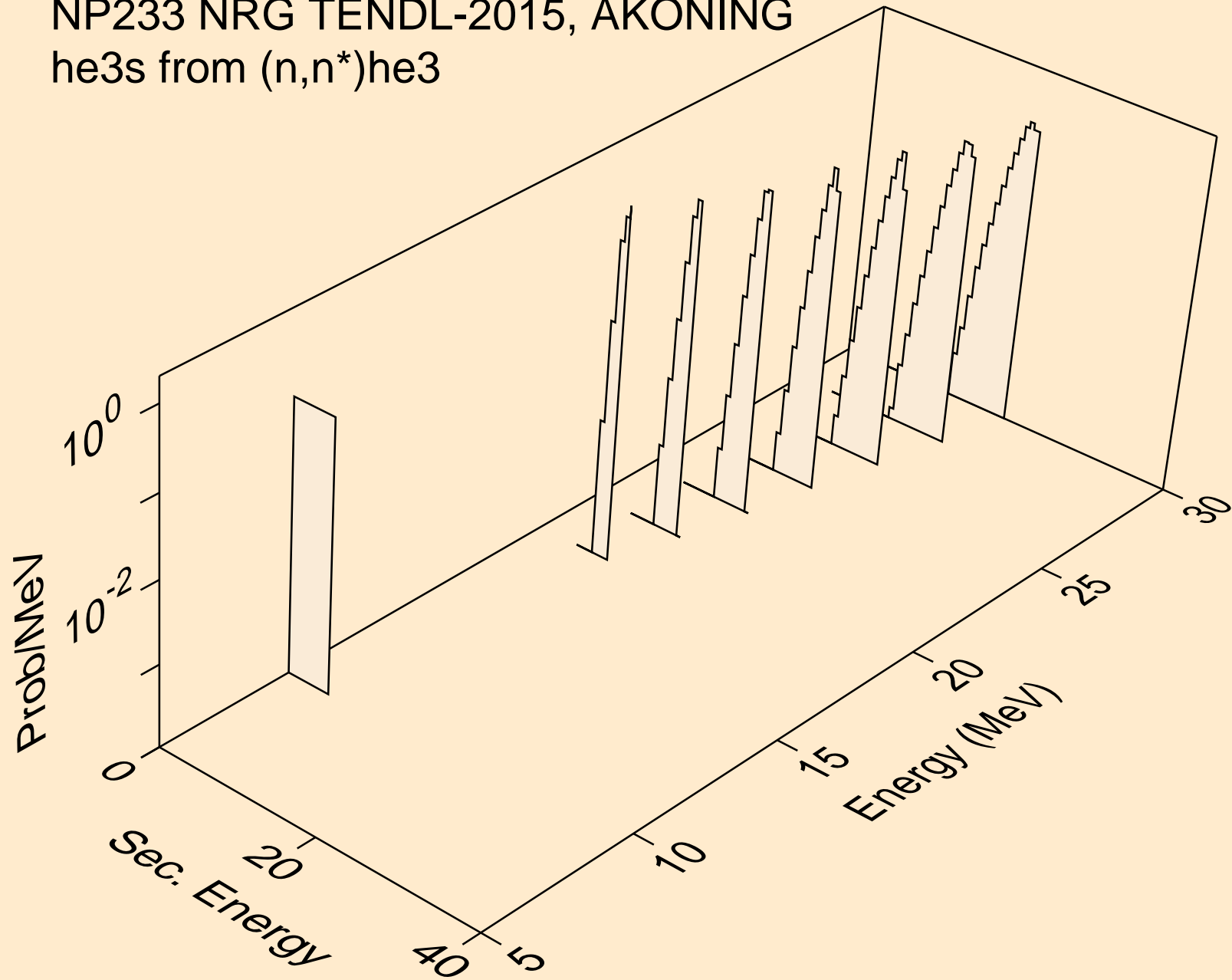




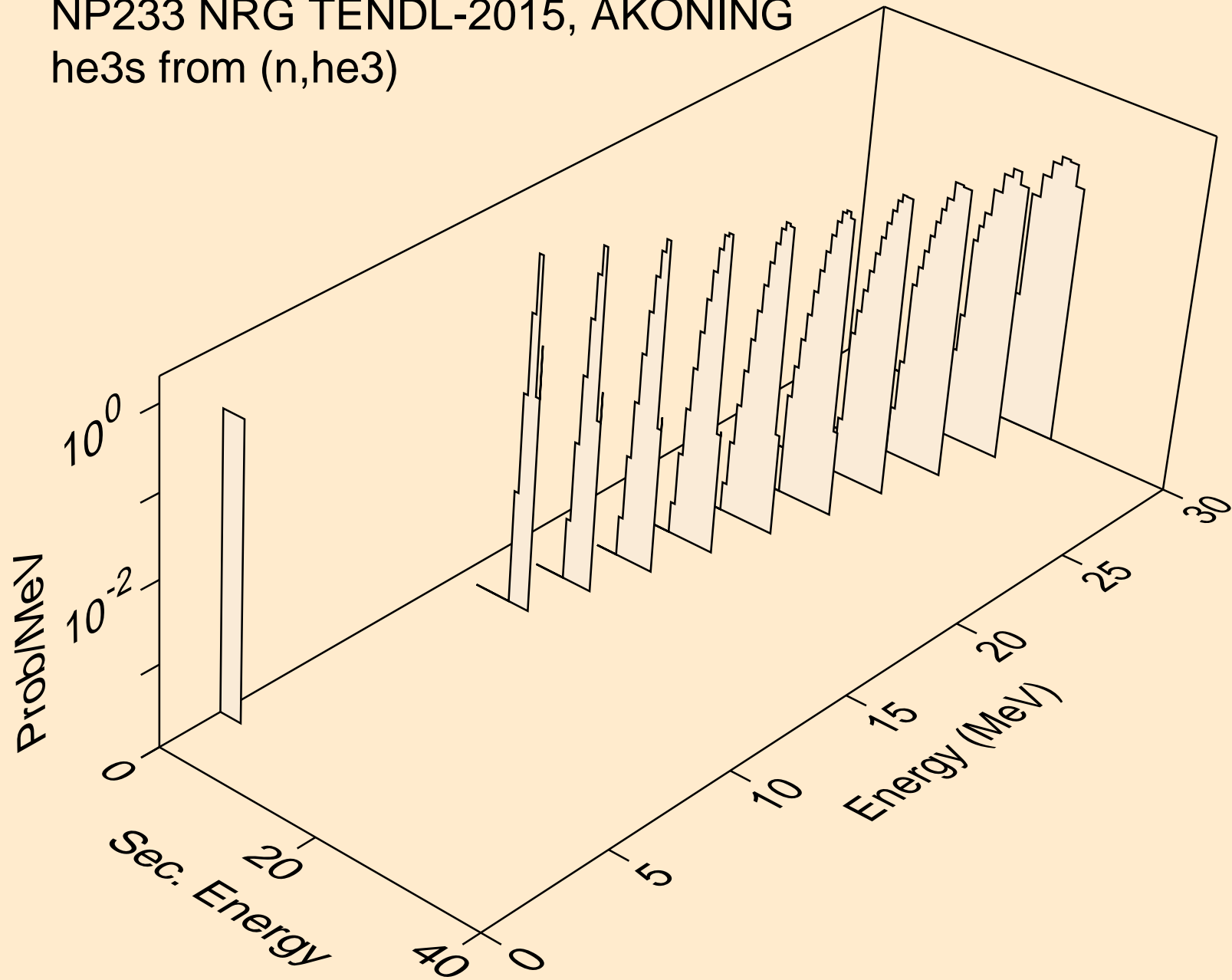
NP233 NRG TENDL-2015, AKONING  
he3s from (n,x)



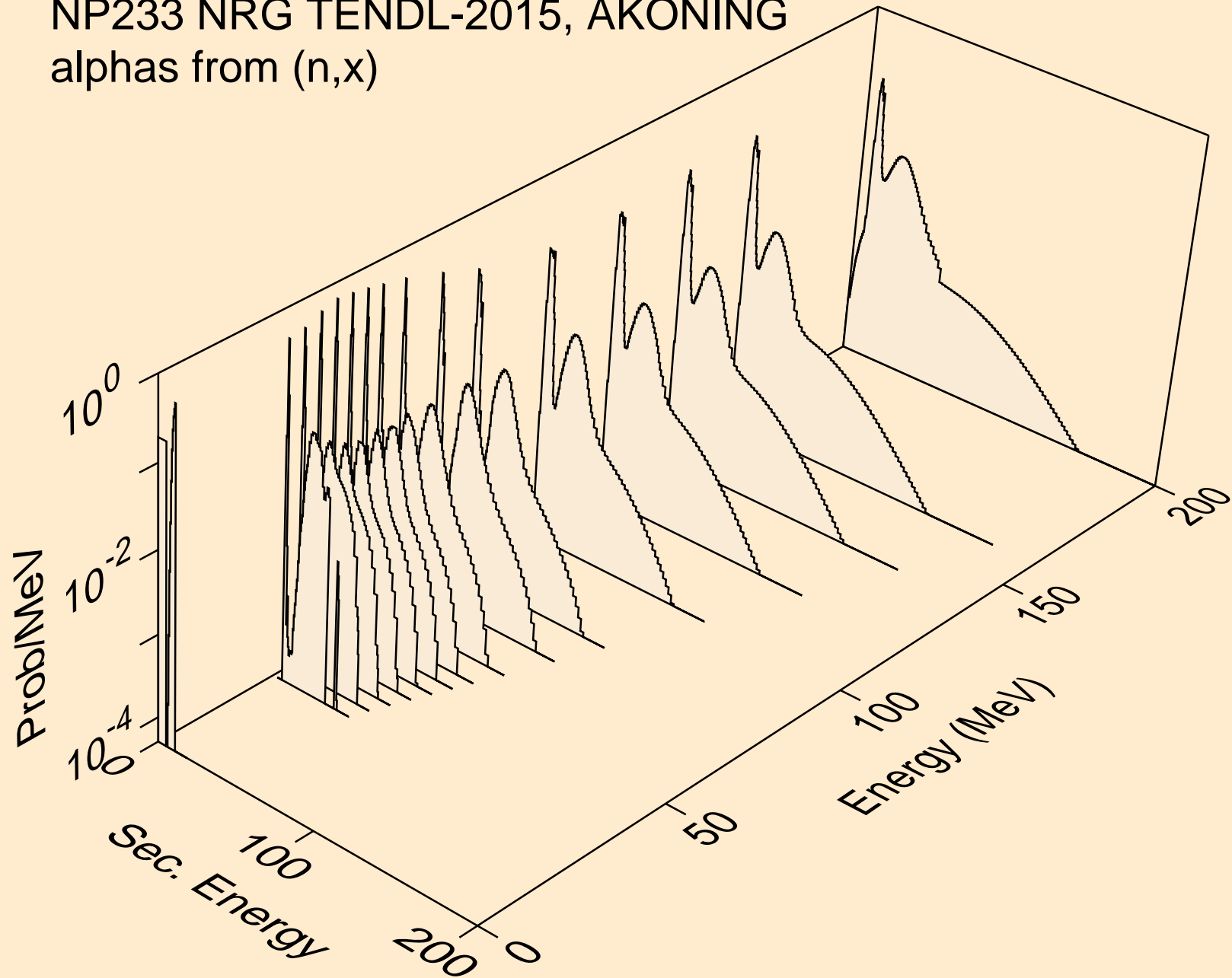
NP233 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



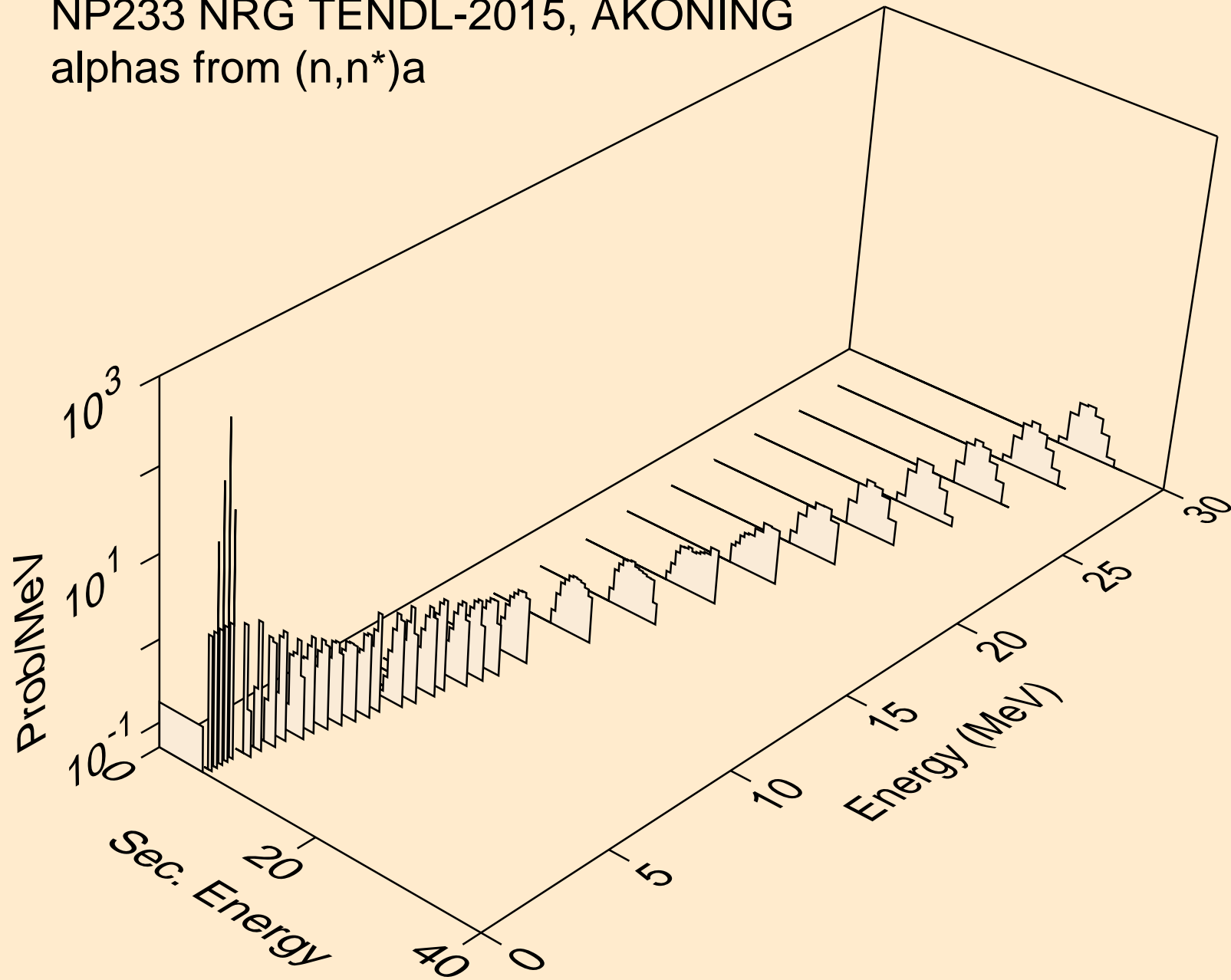
NP233 NRG TENDL-2015, AKONING  
he3s from (n,he3)



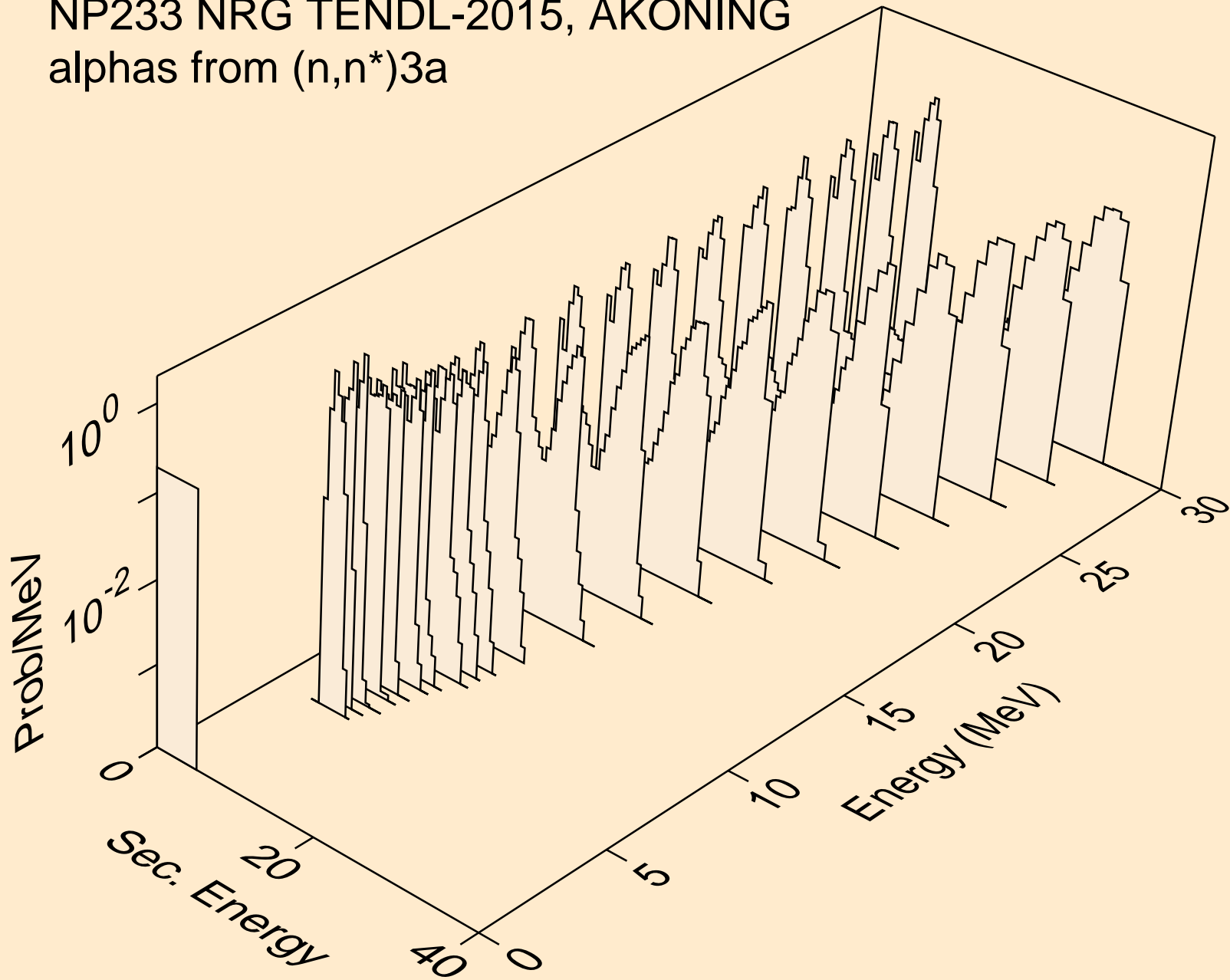
NP233 NRG TENDL-2015, AKONING  
alphas from (n,x)



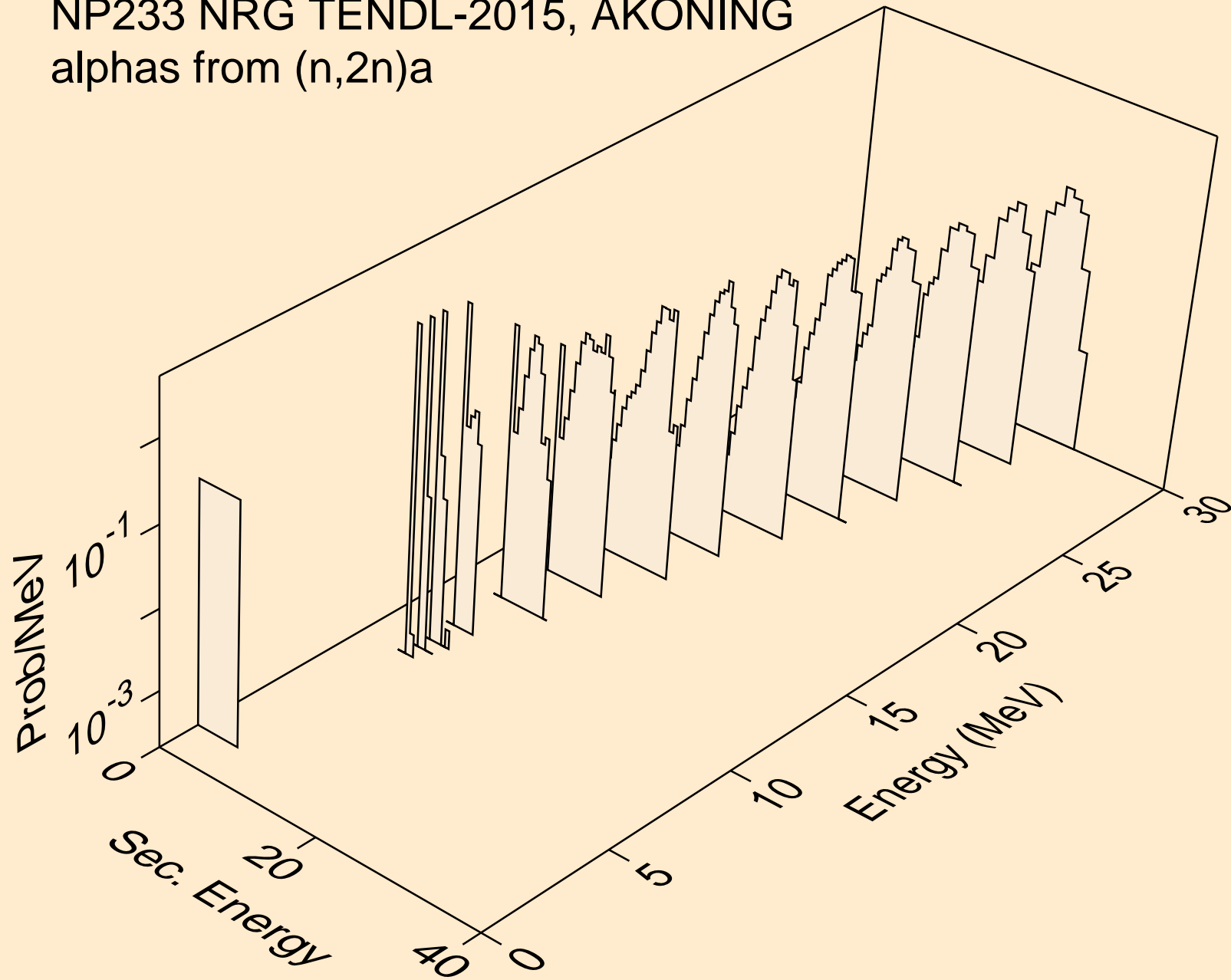
NP233 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



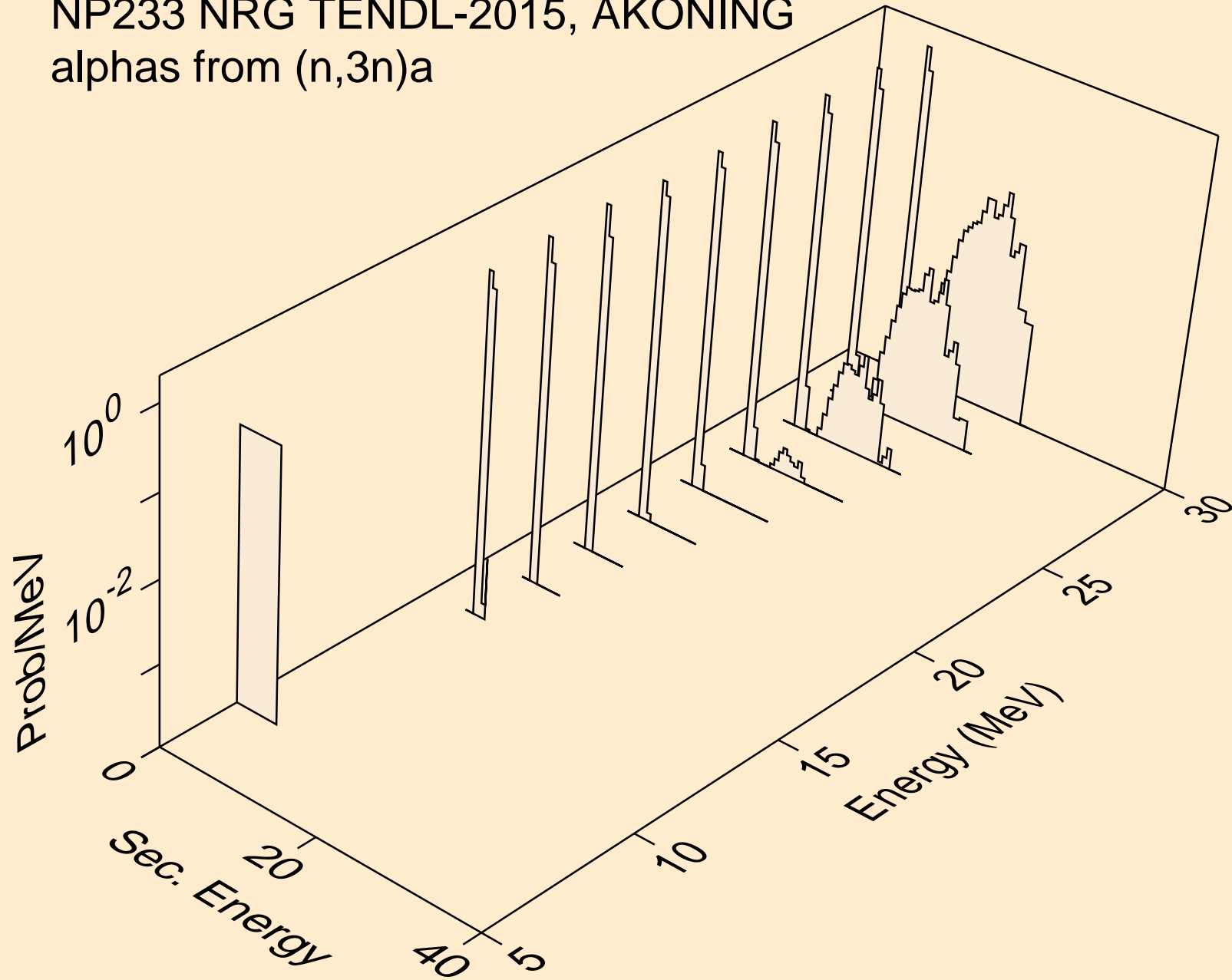
NP233 NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a



NP233 NRG TENDL-2015, AKONING  
alphas from (n,2n)a

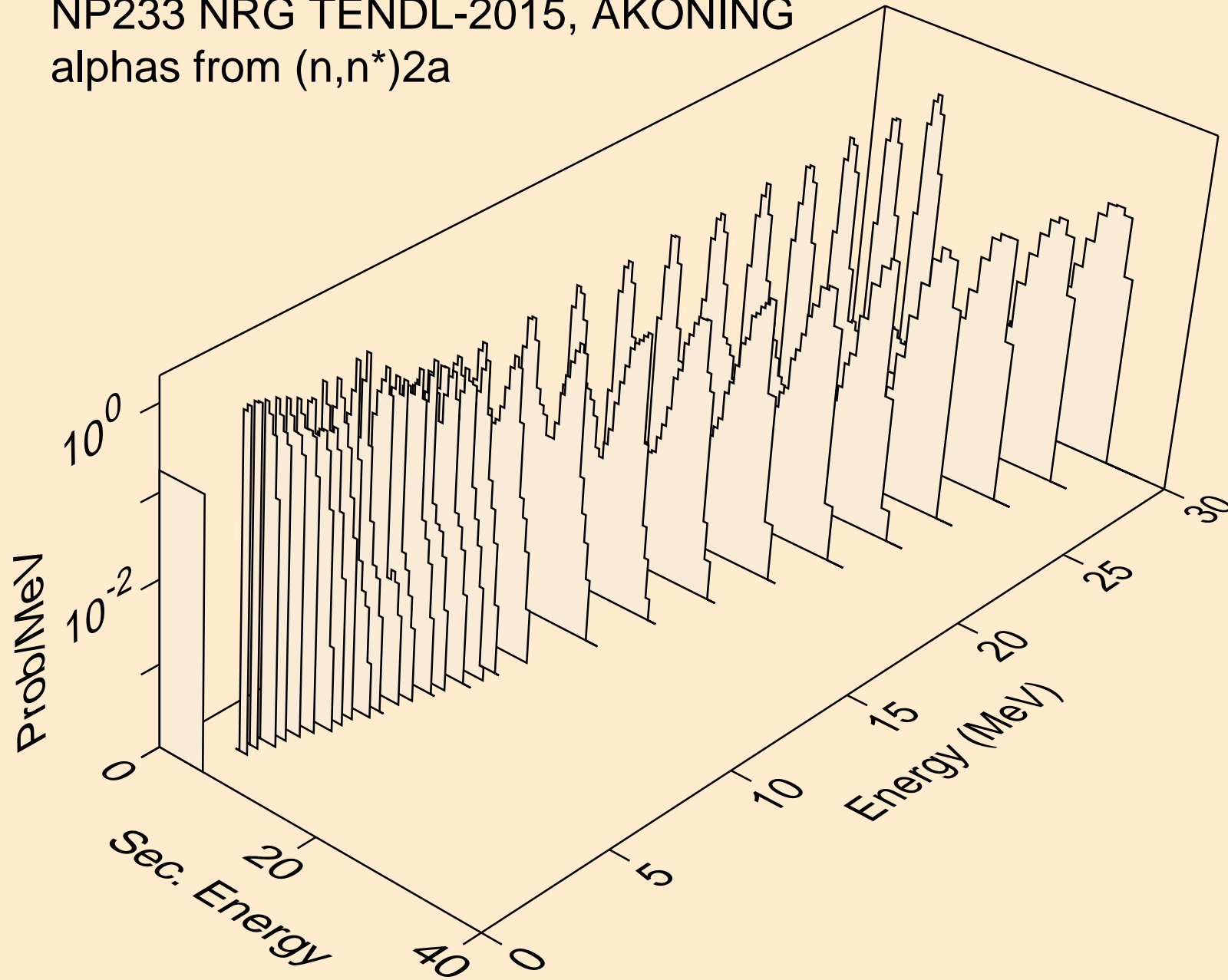


NP233 NRG TENDL-2015, AKONING  
alphas from (n,3n)a

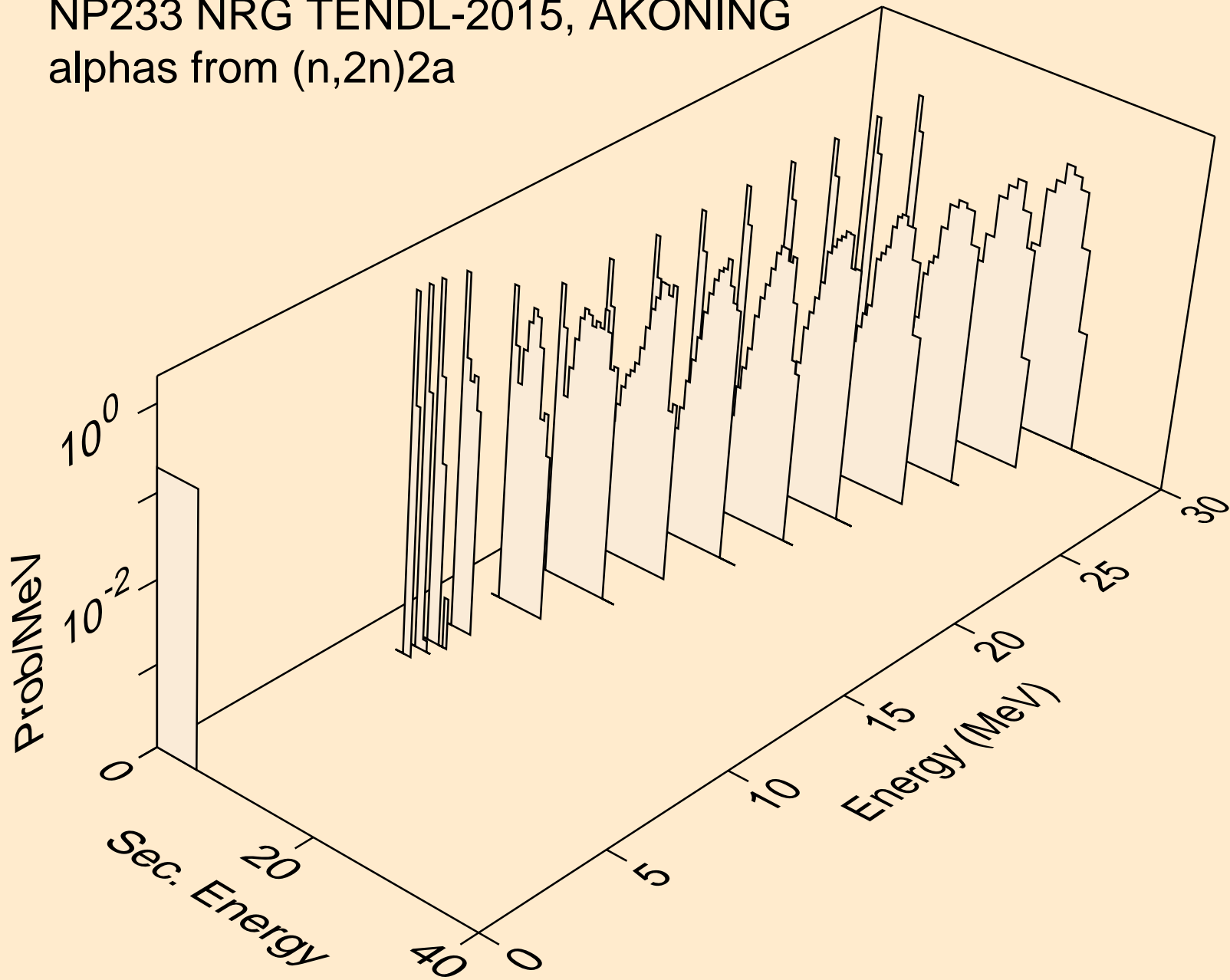




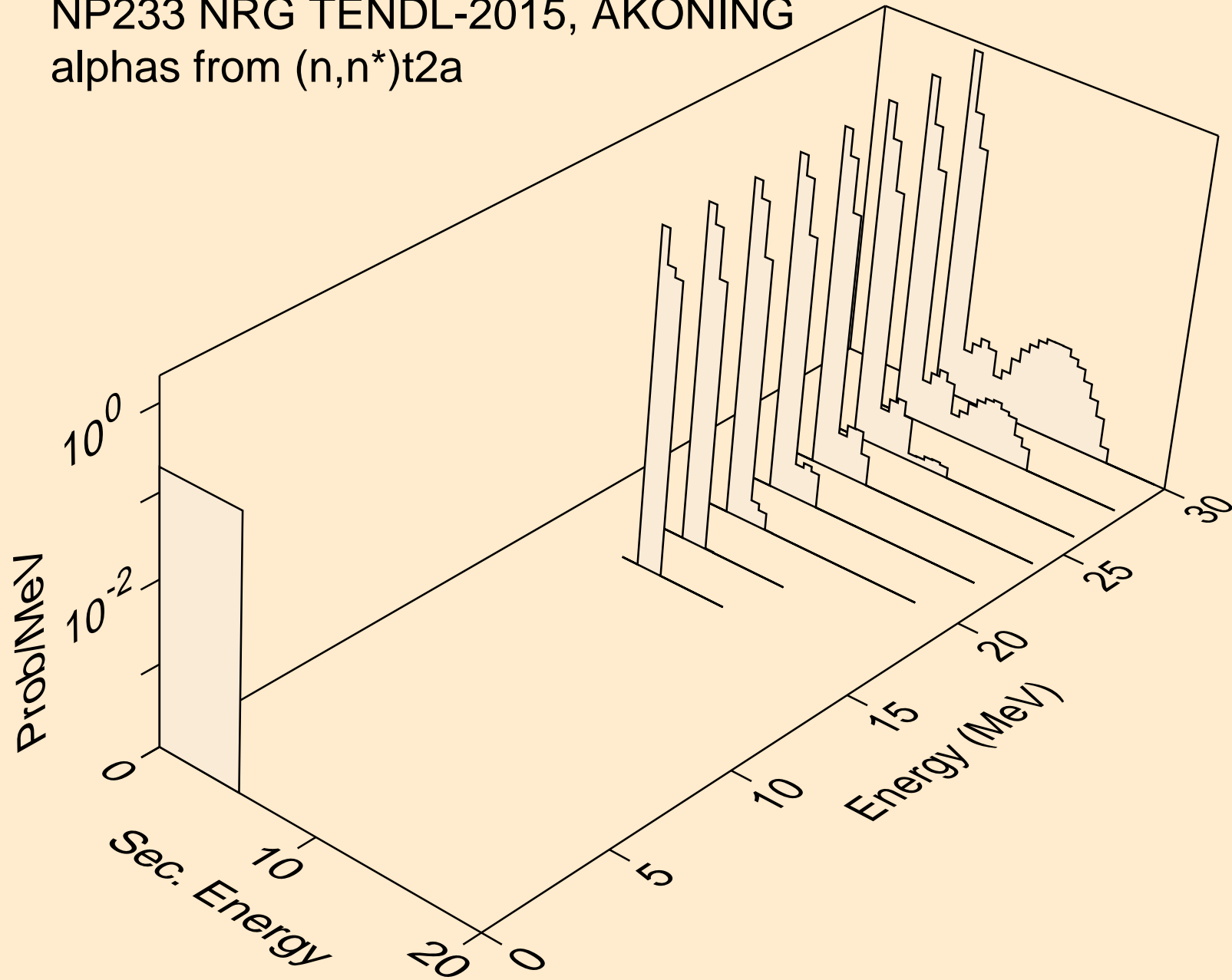
NP233 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



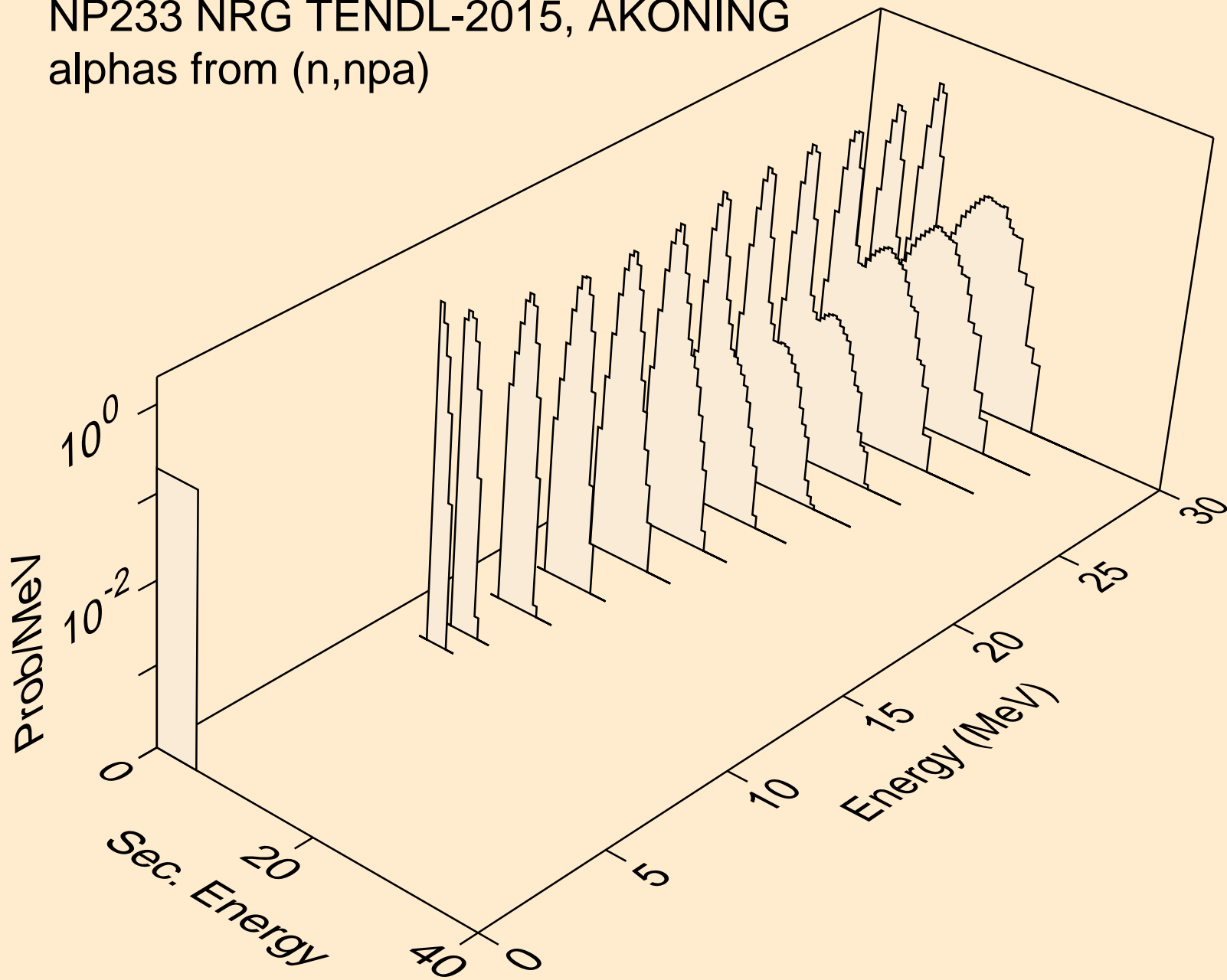
NP233 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



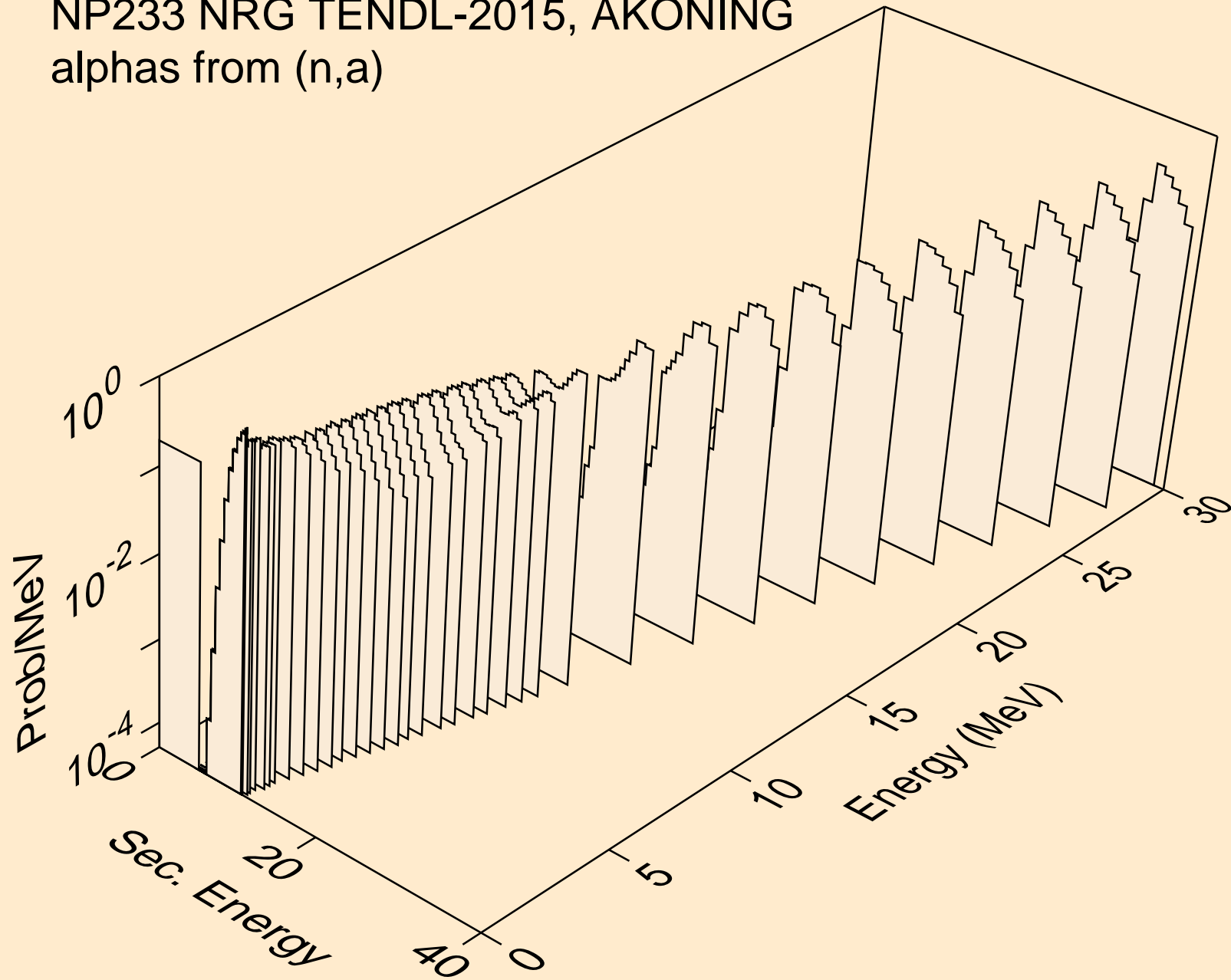
NP233 NRG TENDL-2015, AKONING  
alphas from (n,n\*)t2a



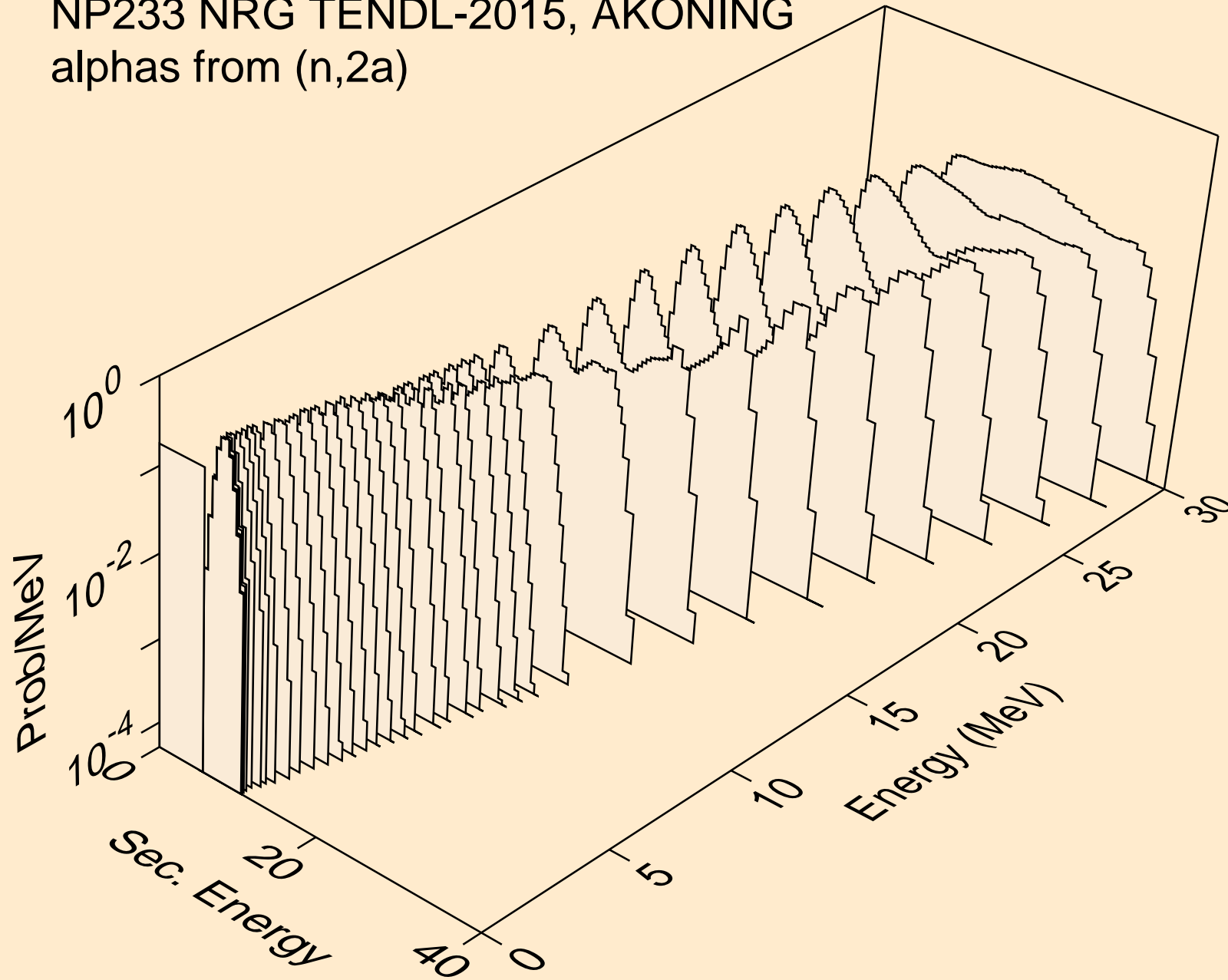
NP233 NRG TENDL-2015, AKONING  
alphas from (n,npa)



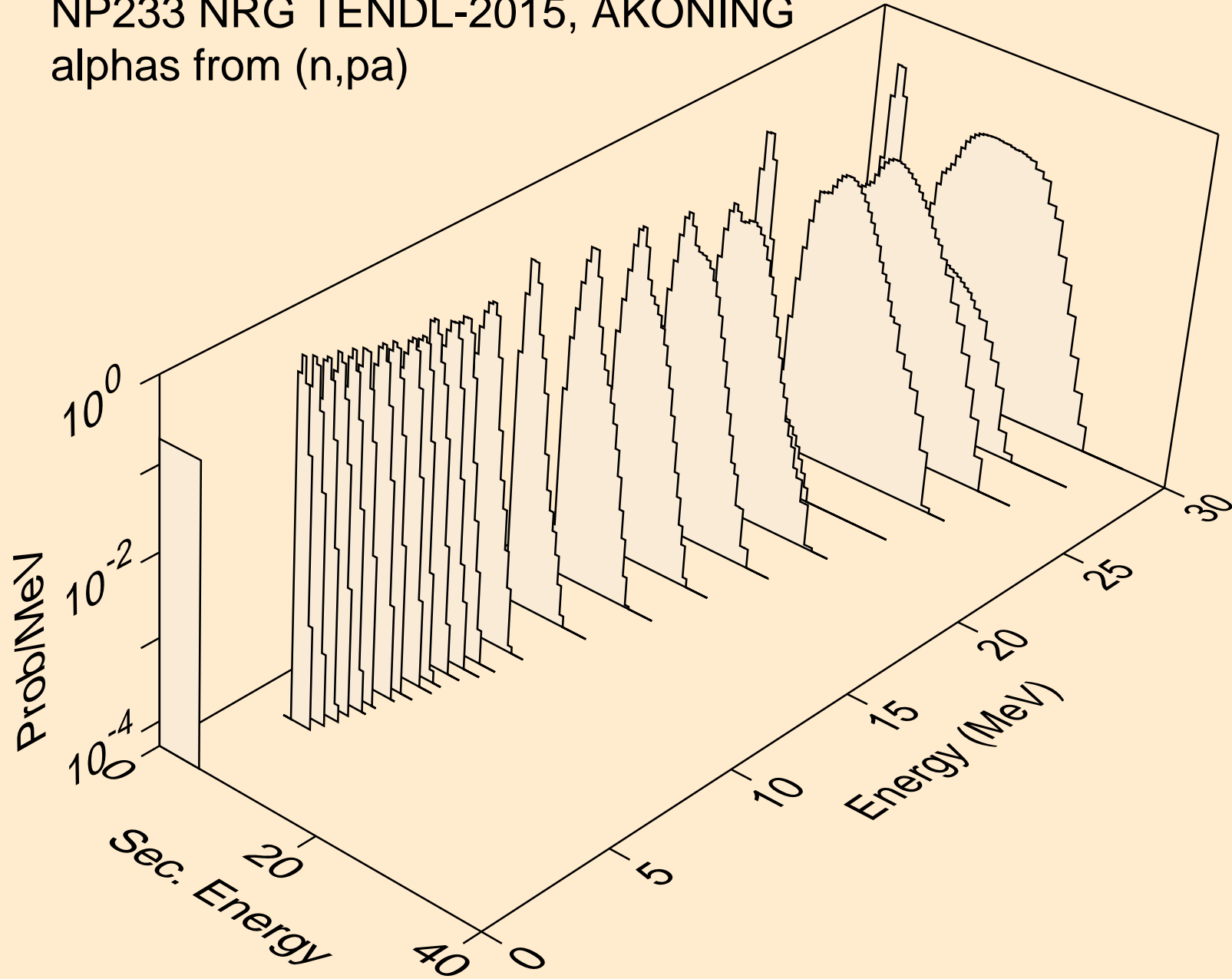
NP233 NRG TENDL-2015, AKONING  
alphas from (n,a)



NP233 NRG TENDL-2015, AKONING  
alphas from (n,2a)



NP233 NRG TENDL-2015, AKONING  
alphas from (n,pa)



NP233 NRG TENDL-2015, AKONING  
alphas from (n,da)

