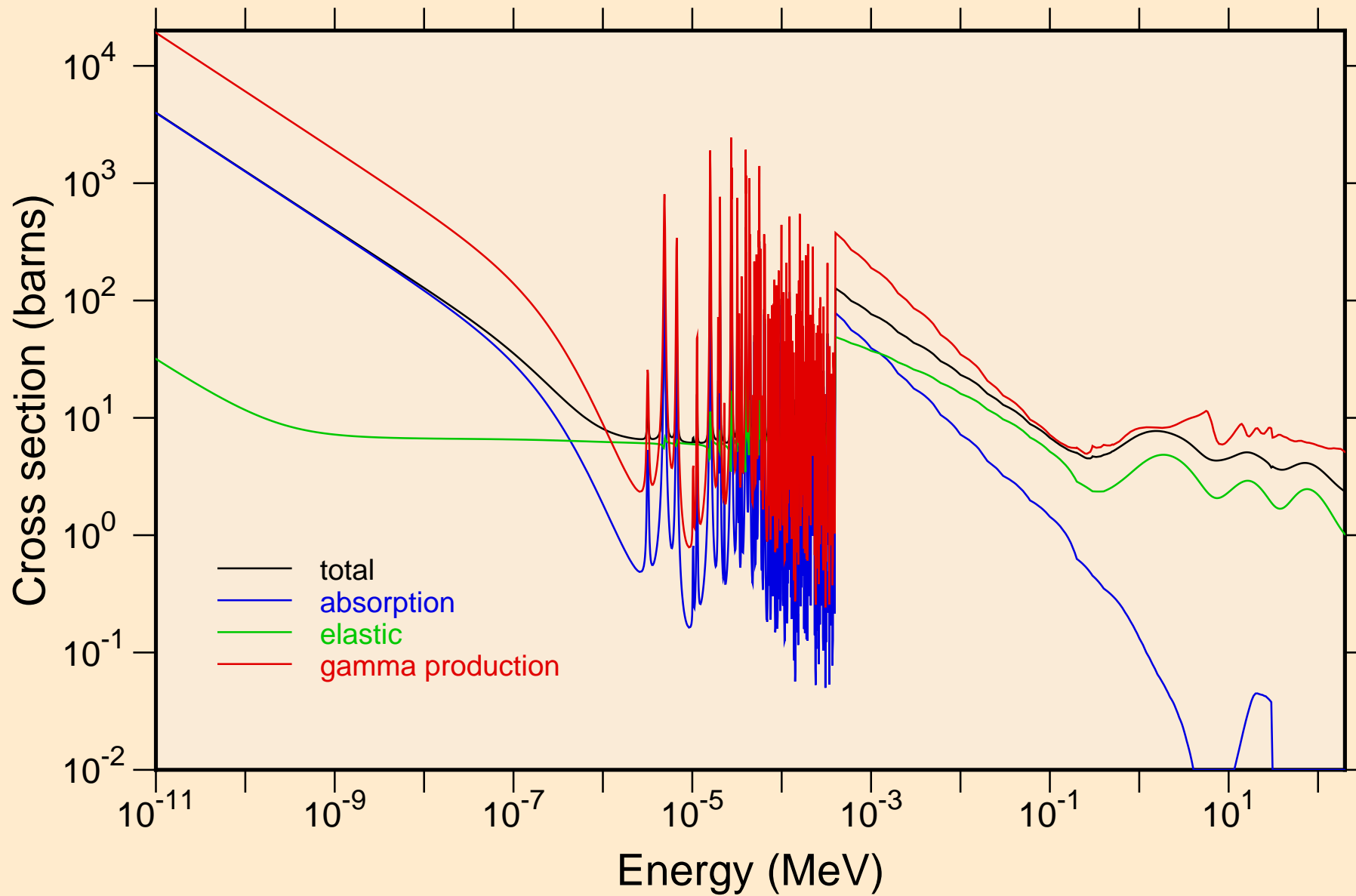
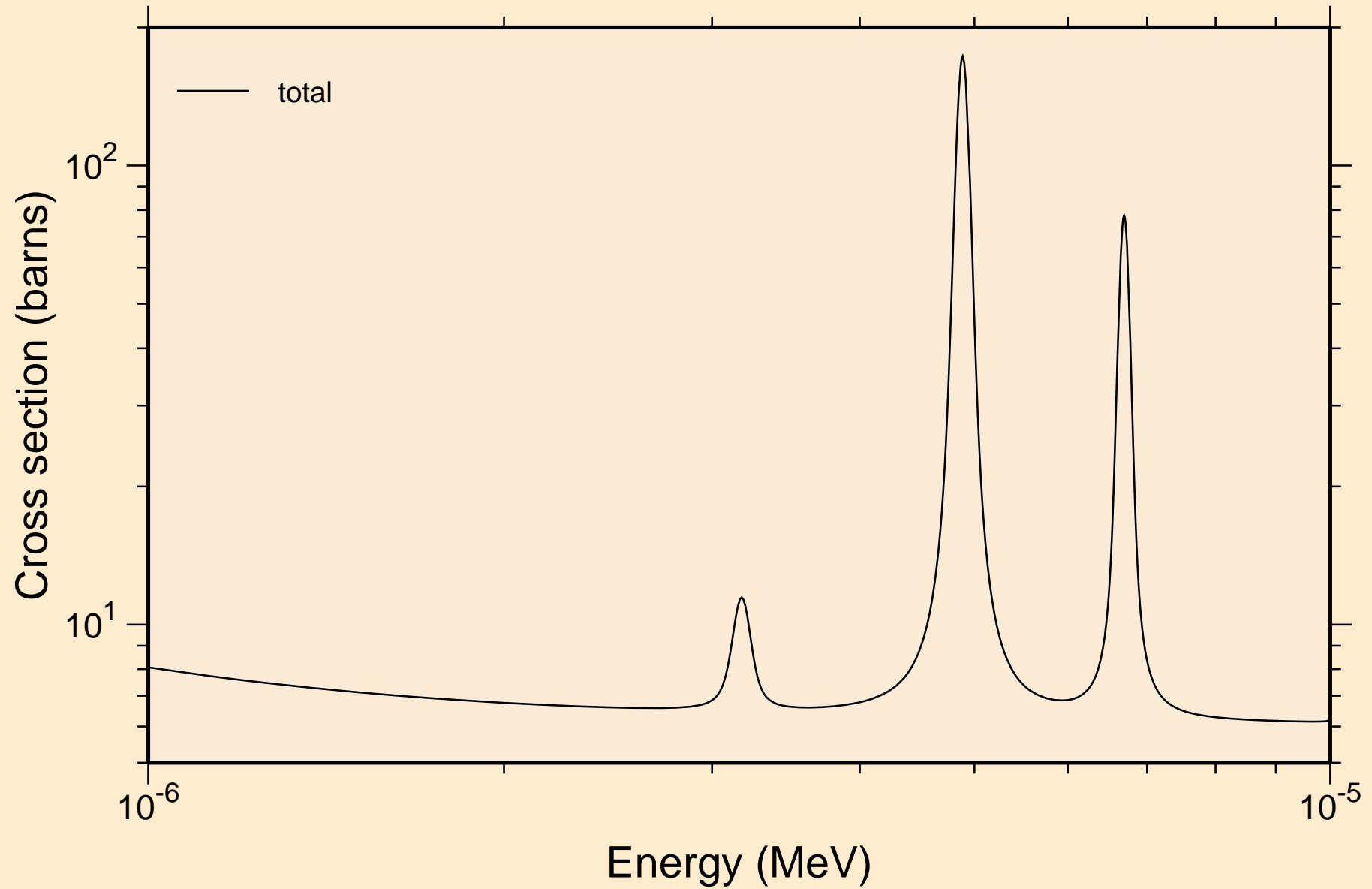


# PM150 NRG TENDL-2015, AKONING

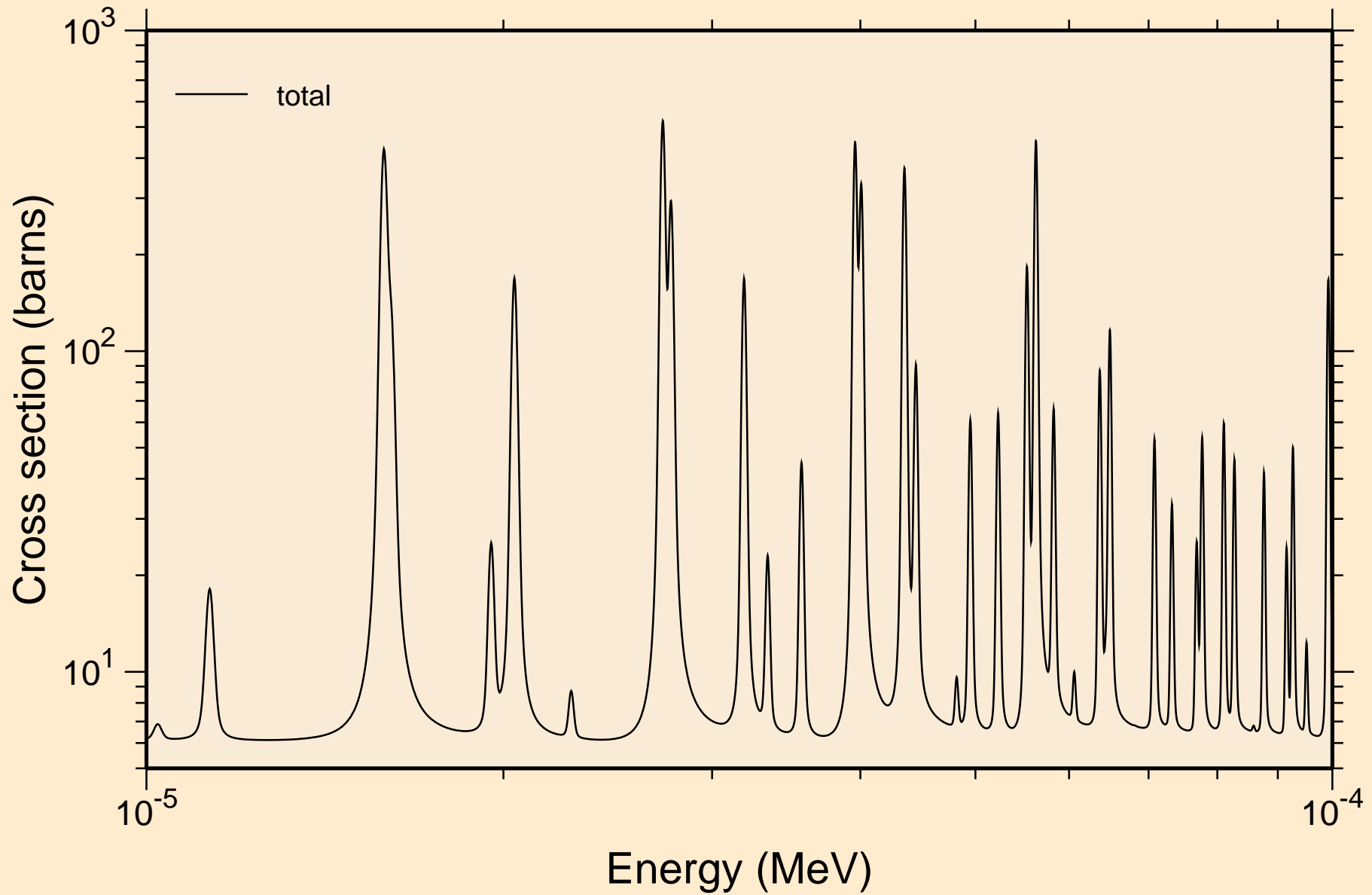
## Principal cross sections



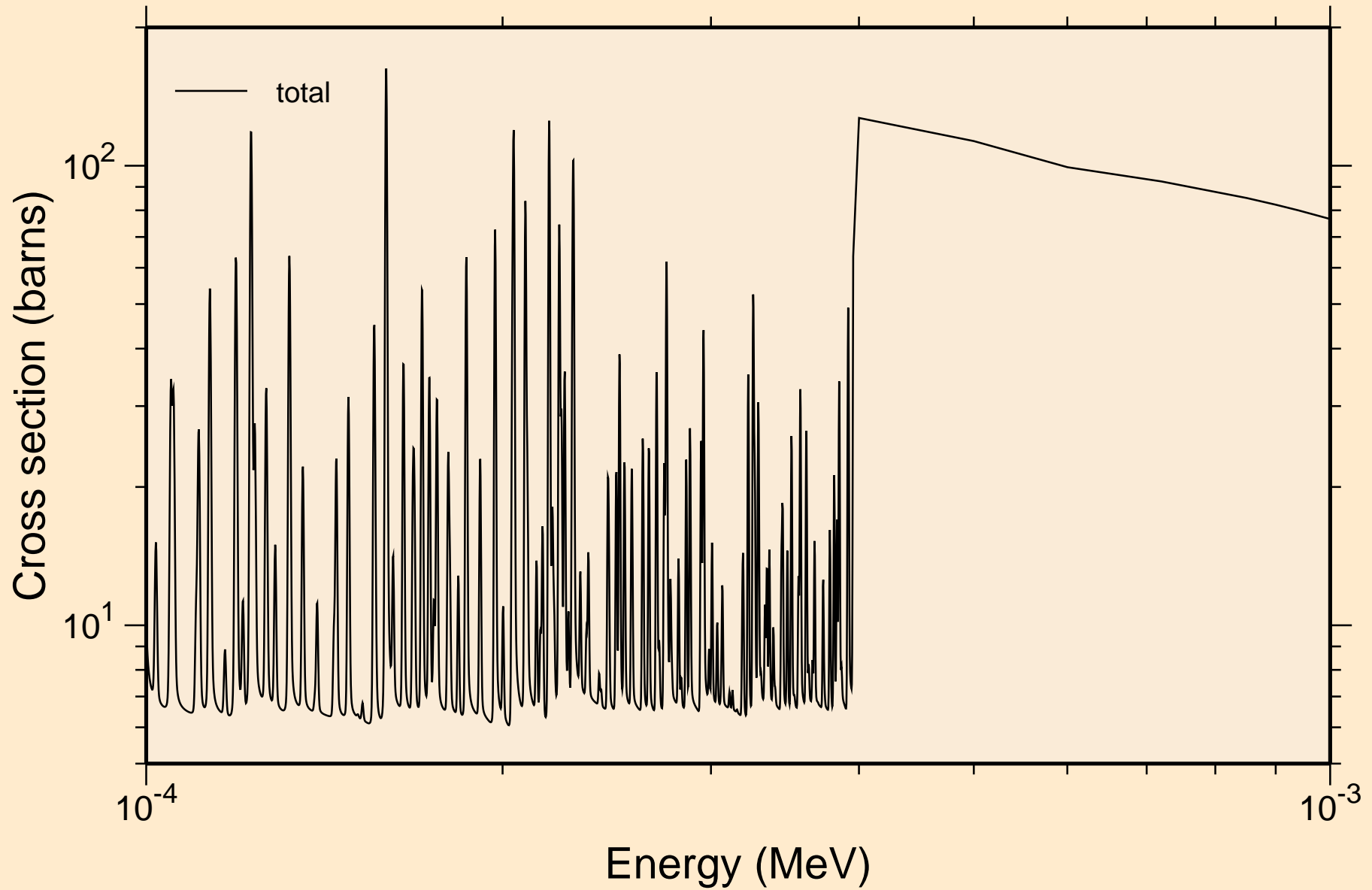
PM150 NRG TENDL-2015, AKONING  
resonance total cross section



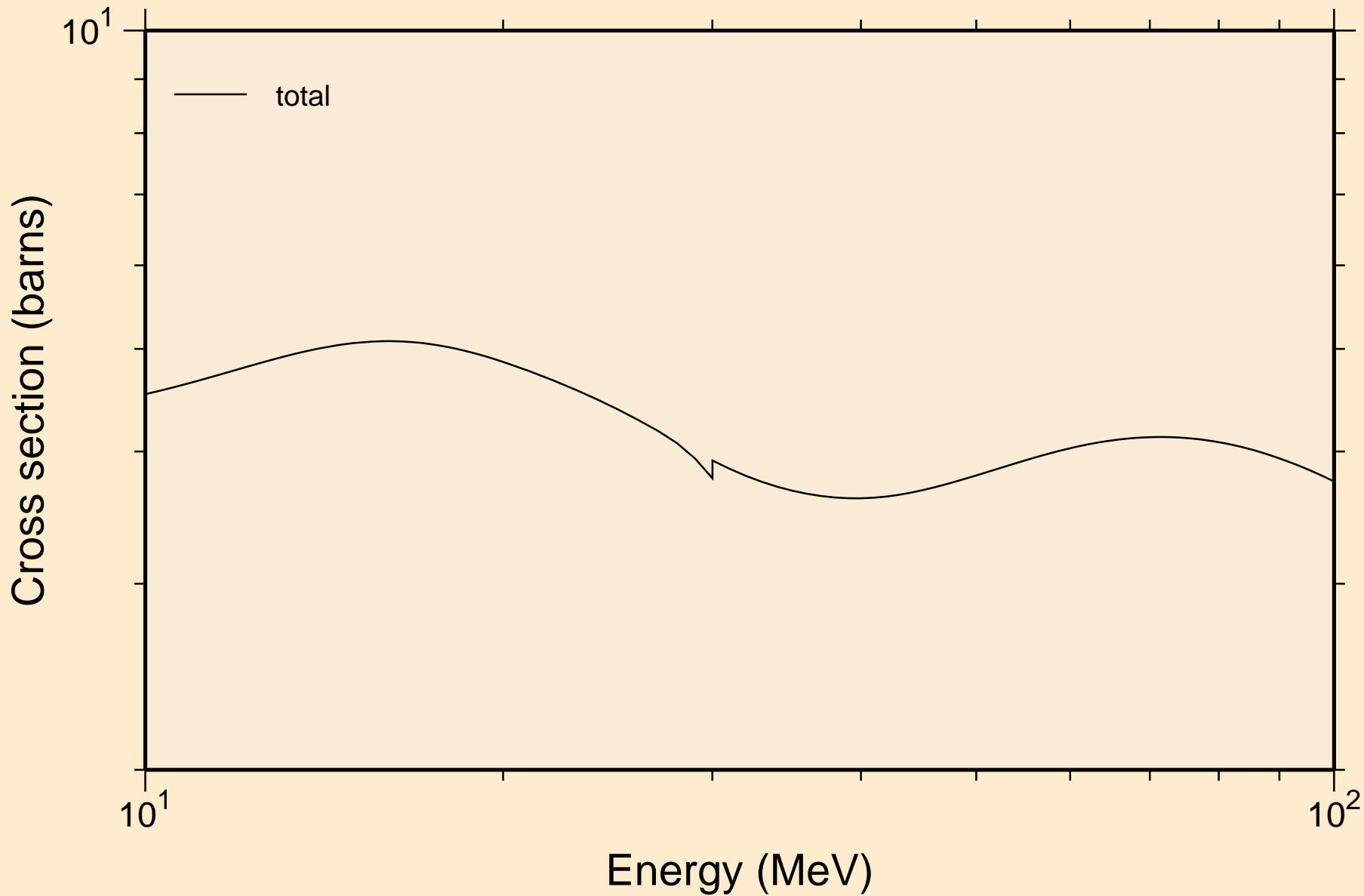
PM150 NRG TENDL-2015, AKONING  
resonance total cross section



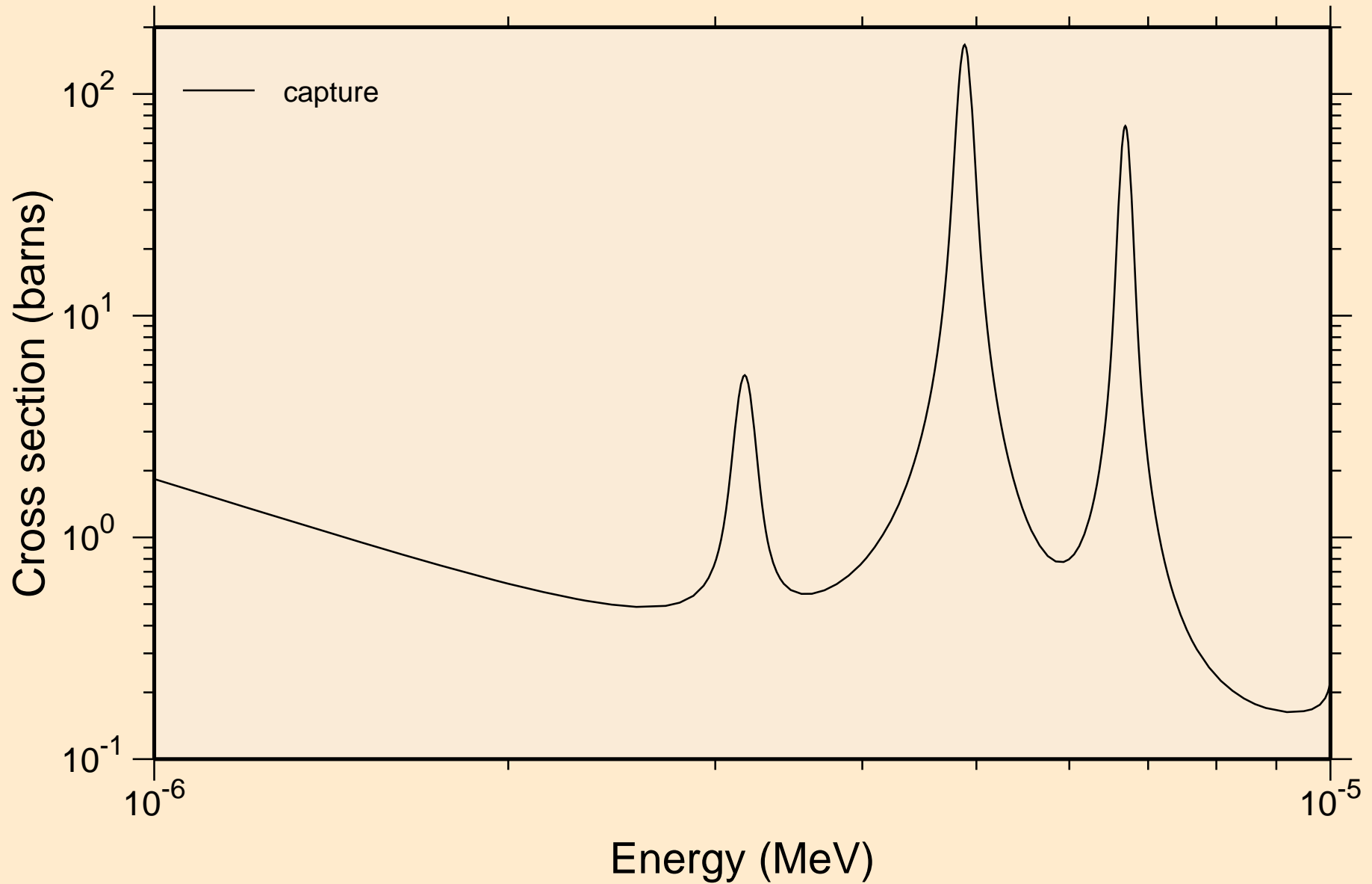
PM150 NRG TENDL-2015, AKONING  
resonance total cross section



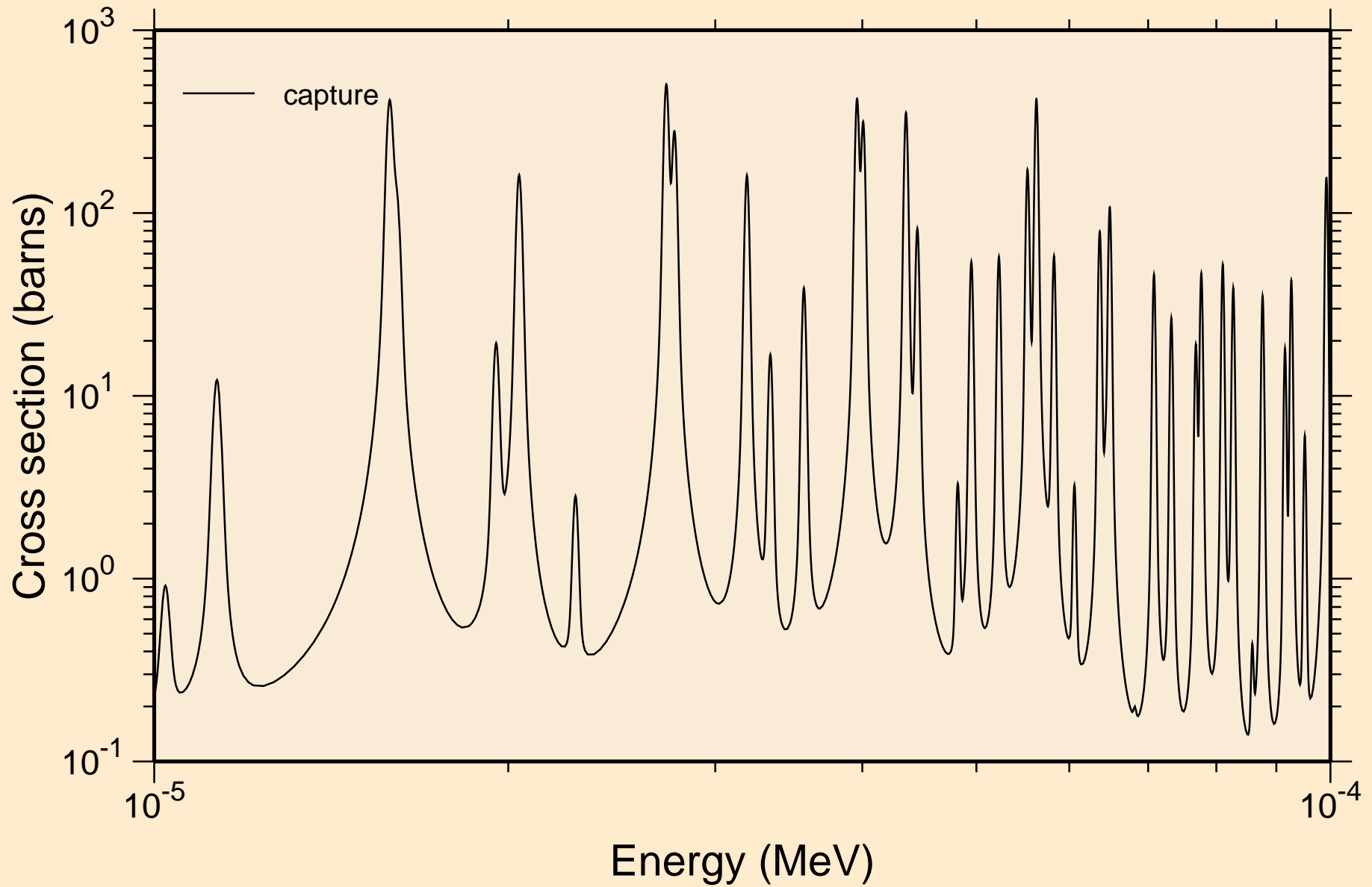
PM150 NRG TENDL-2015, AKONING  
resonance total cross section



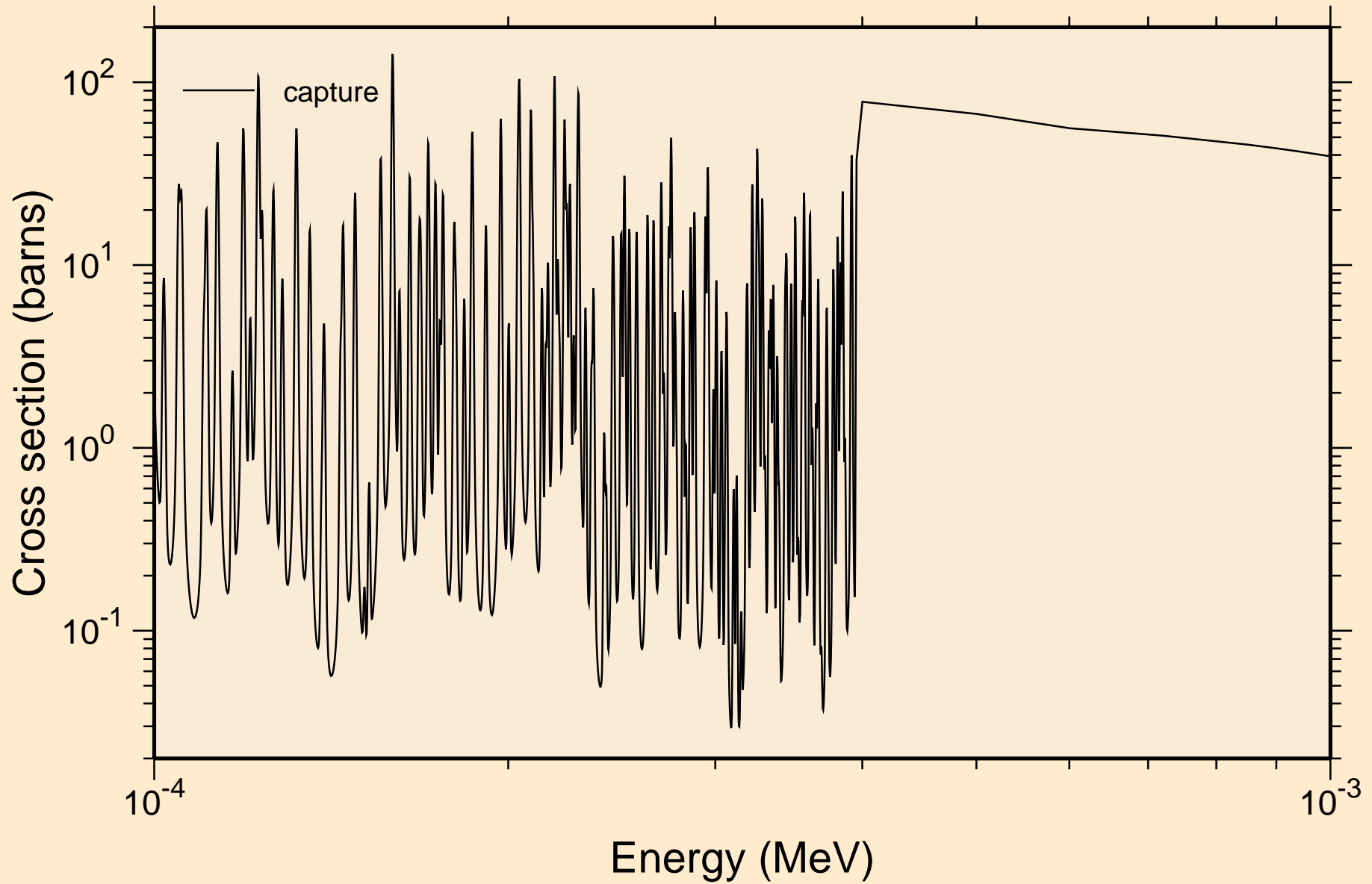
PM150 NRG TENDL-2015, AKONING  
resonance absorption cross sections



PM150 NRG TENDL-2015, AKONING  
resonance absorption cross sections

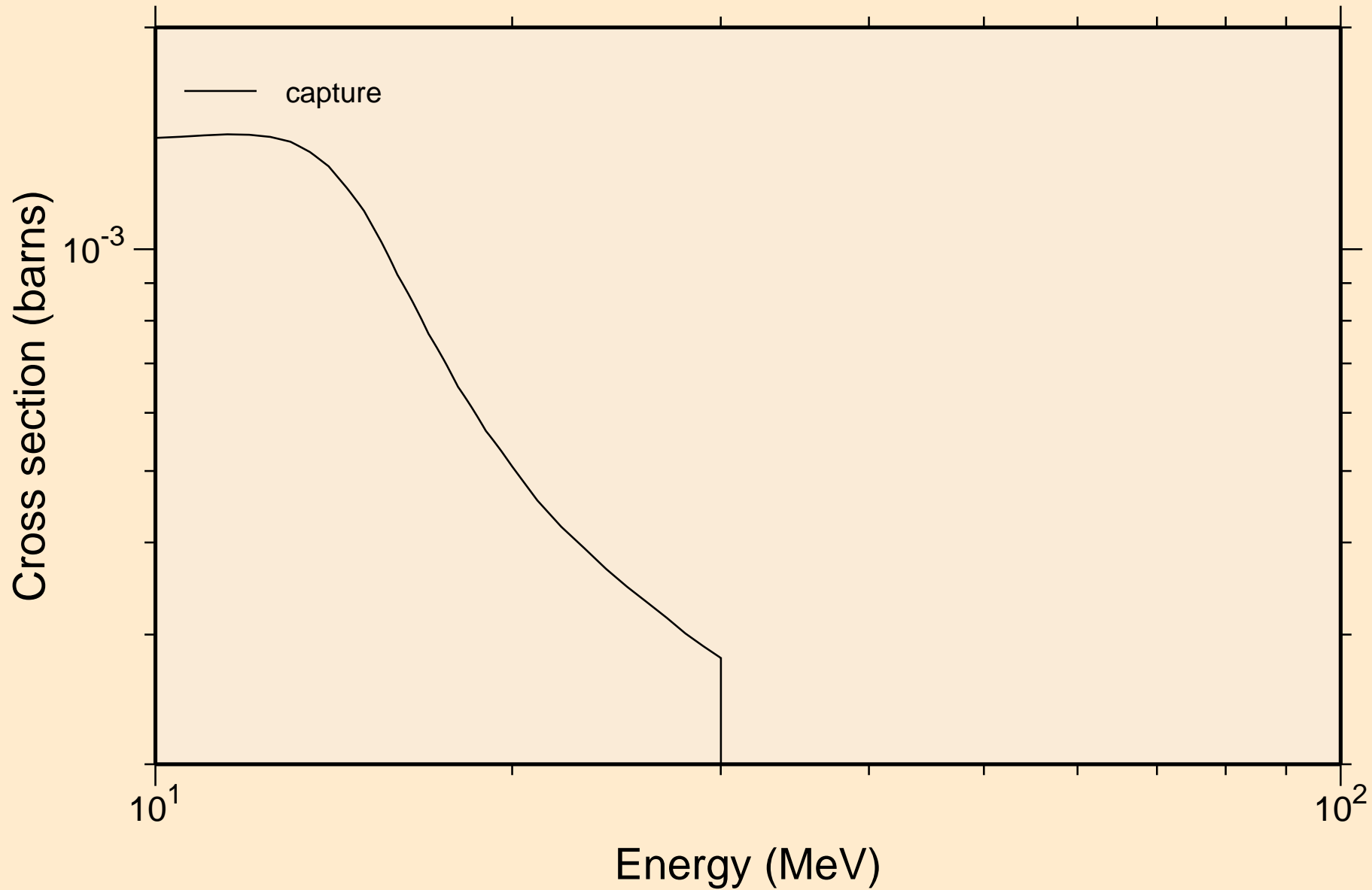


PM150 NRG TENDL-2015, AKONING  
resonance absorption cross sections



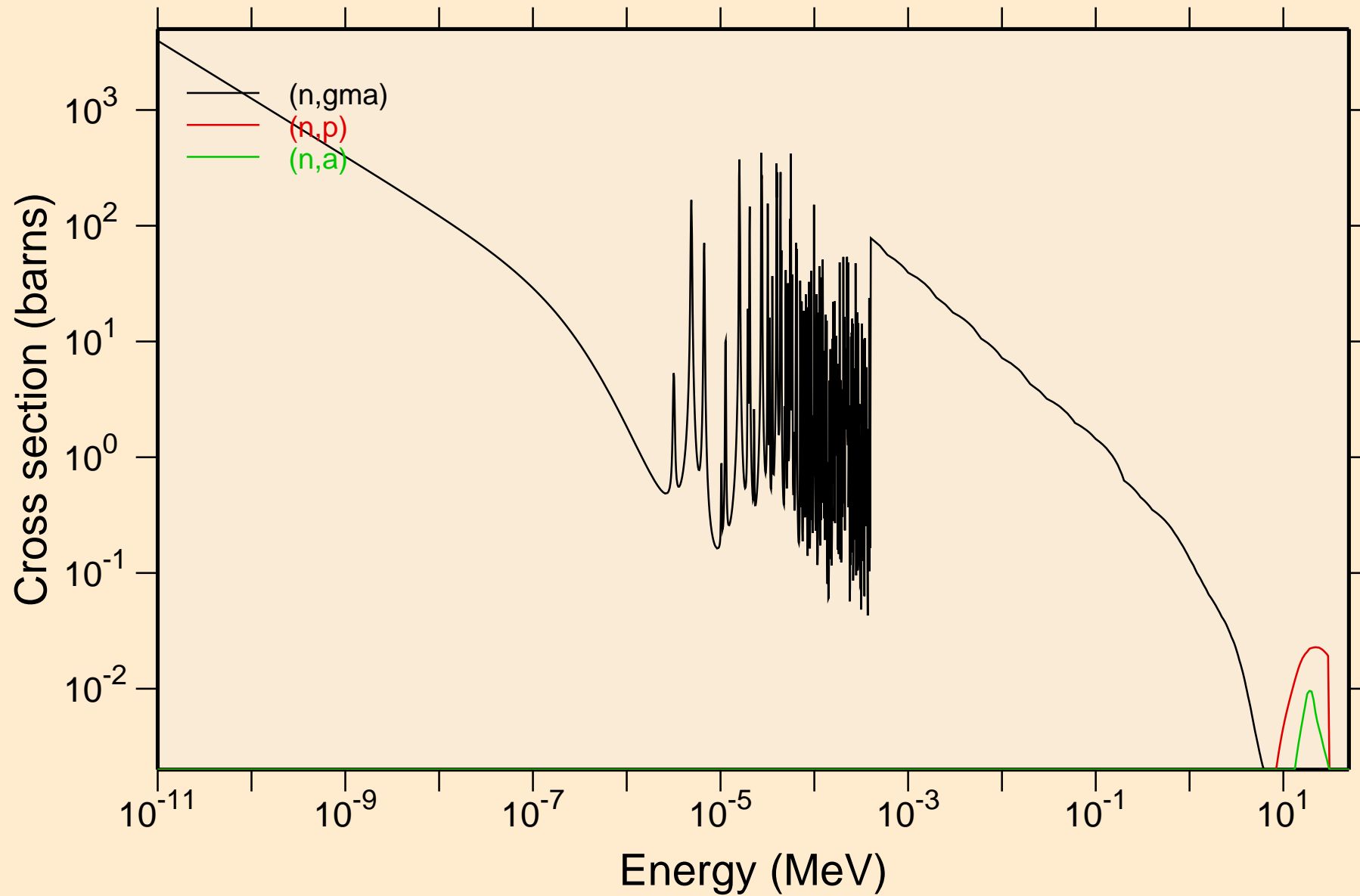


PM150 NRG TENDL-2015, AKONING  
resonance absorption cross sections



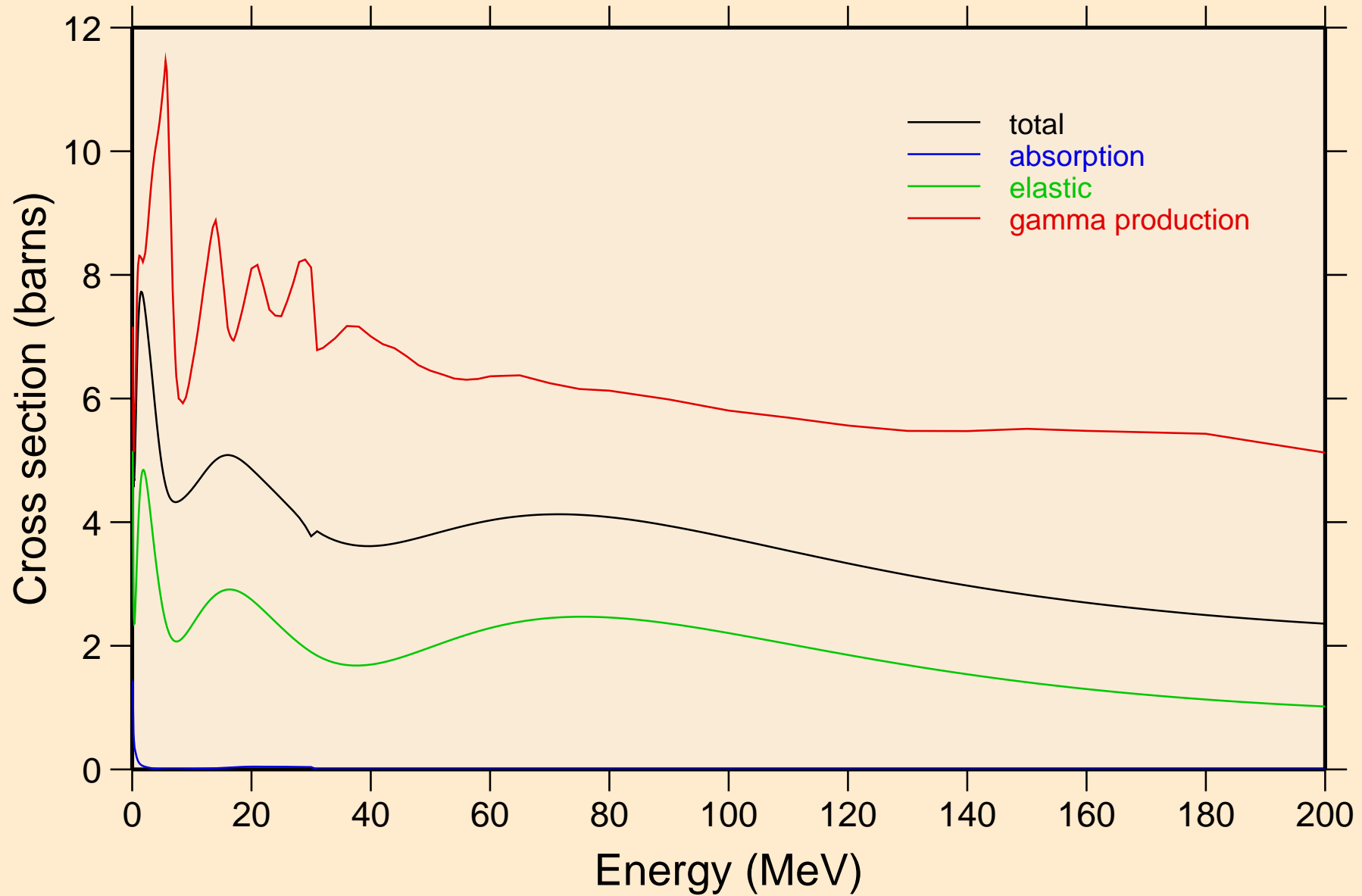
# PM150 NRG TENDL-2015, AKONING

## Non-threshold reactions



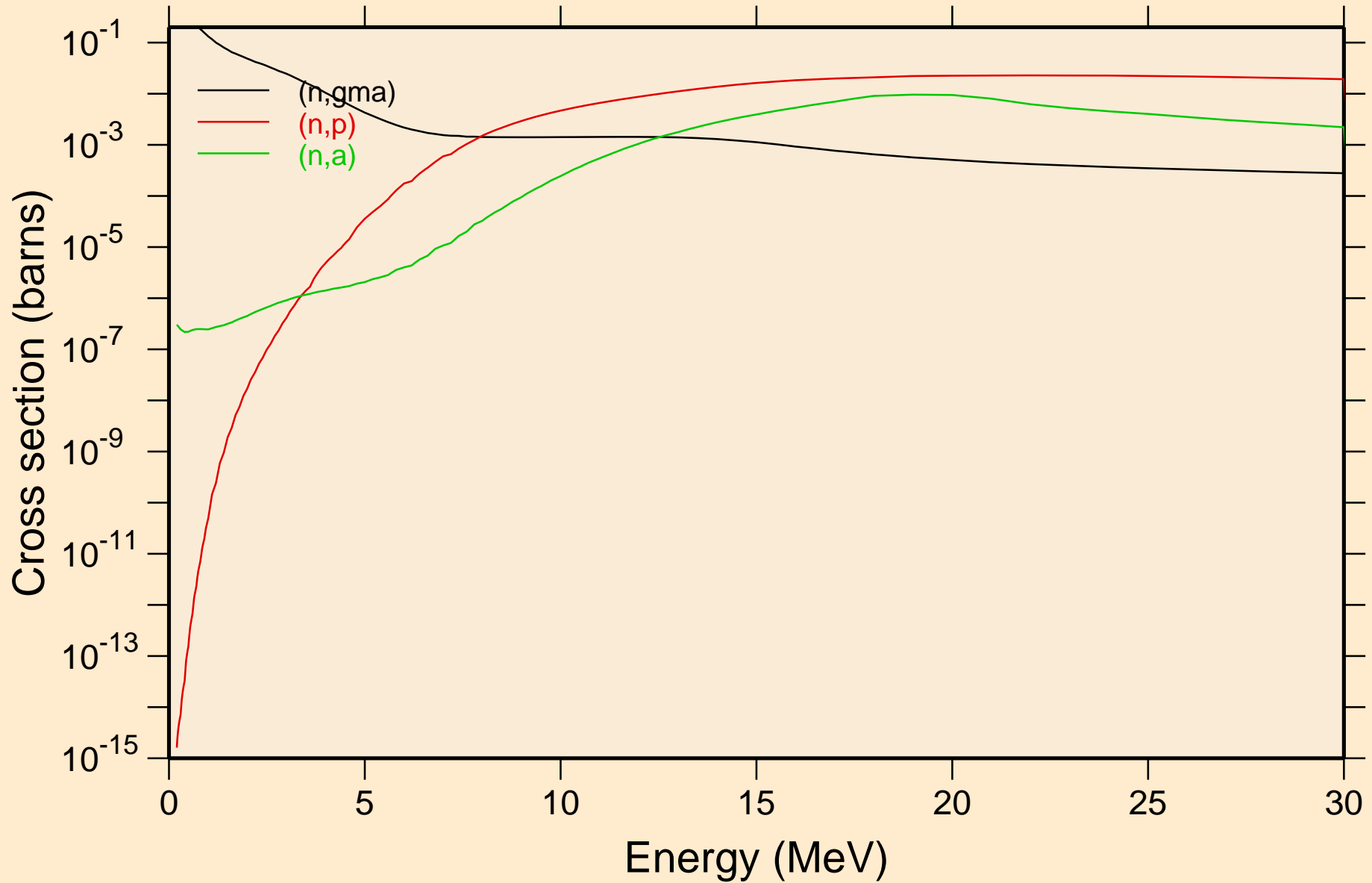
# PM150 NRG TENDL-2015, AKONING

## Principal cross sections



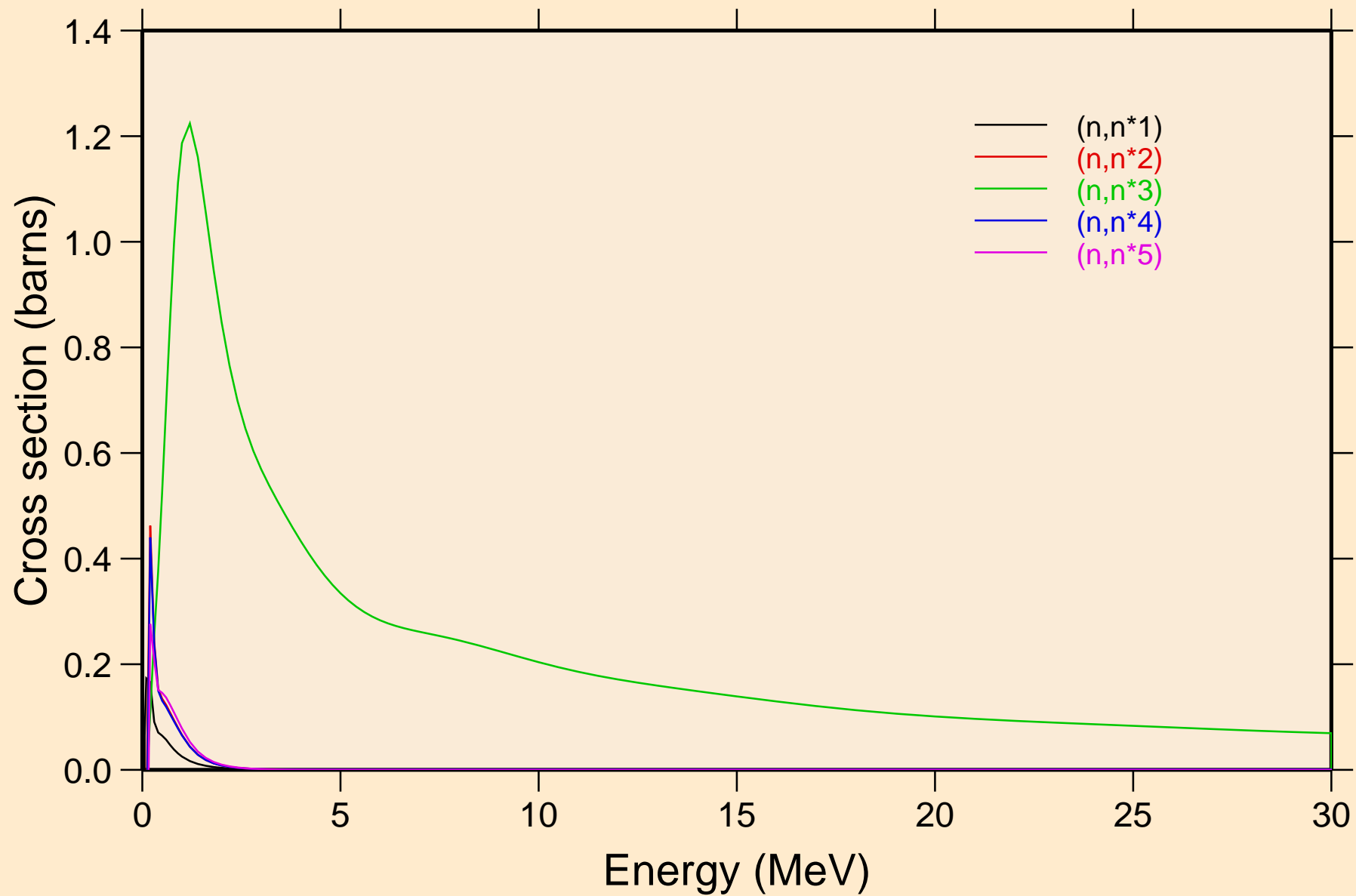
# PM150 NRG TENDL-2015, AKONING

## Non-threshold reactions



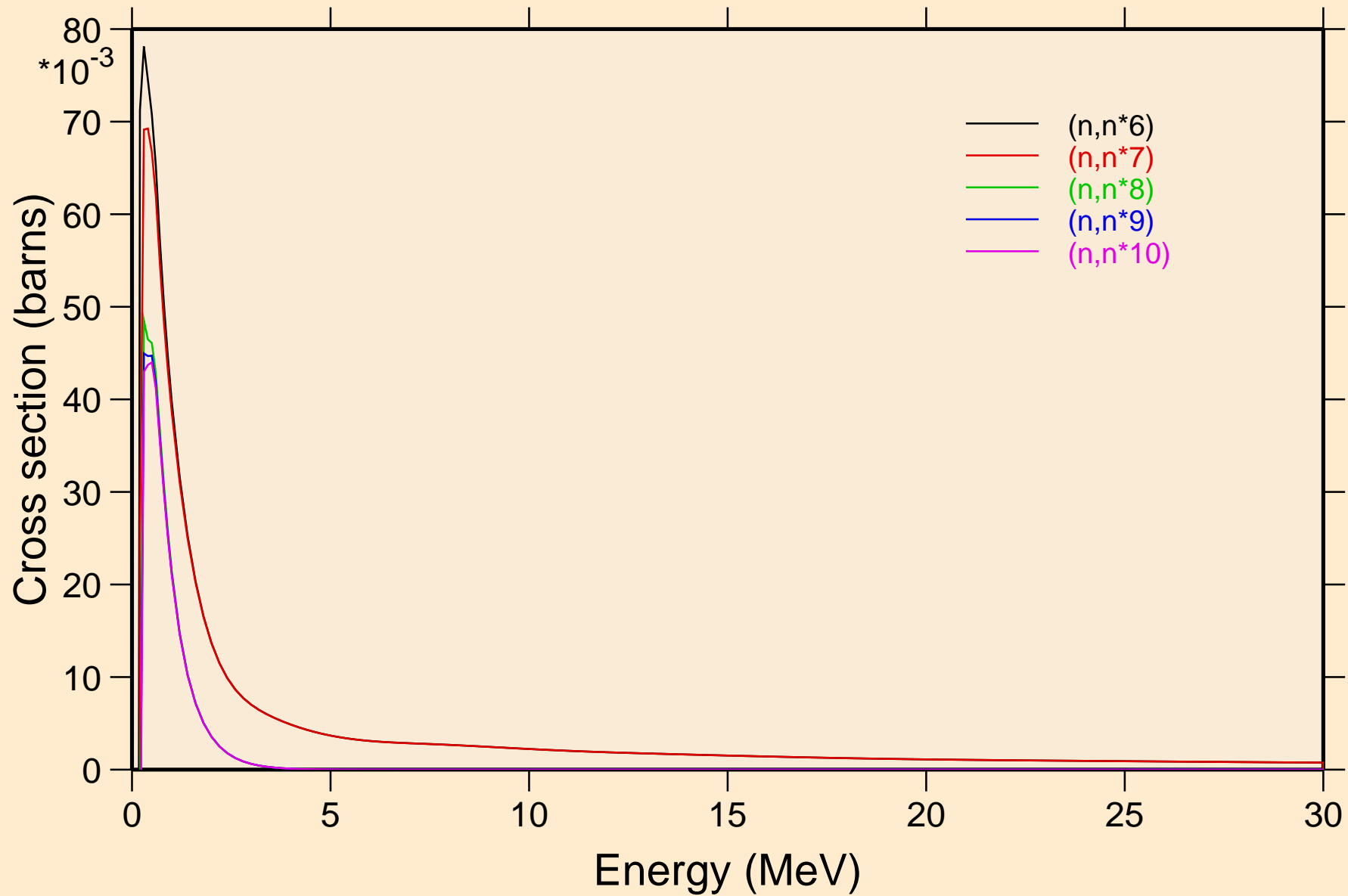
# PM150 NRG TENDL-2015, AKONING

## Inelastic levels



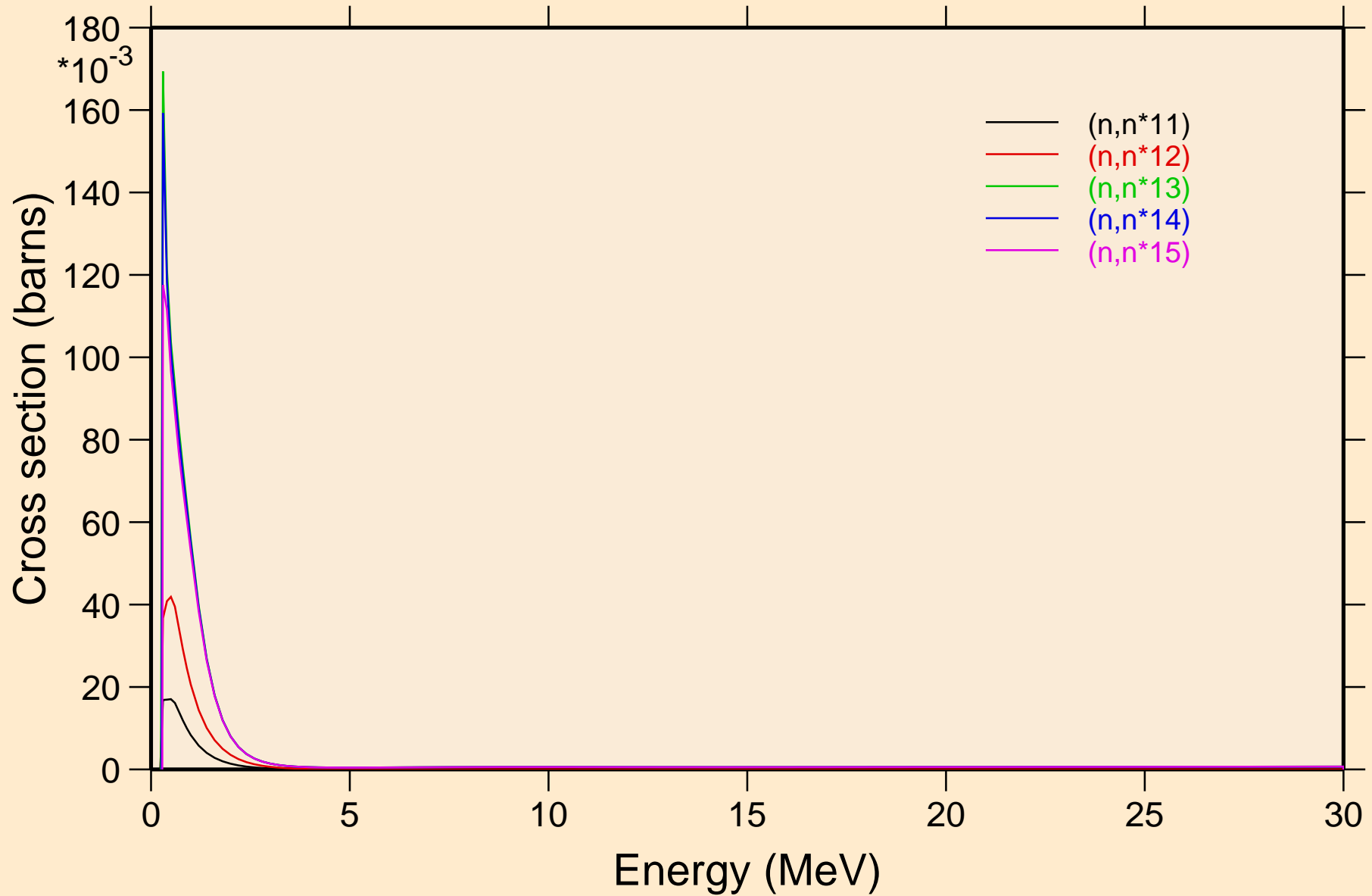
# PM150 NRG TENDL-2015, AKONING

## Inelastic levels



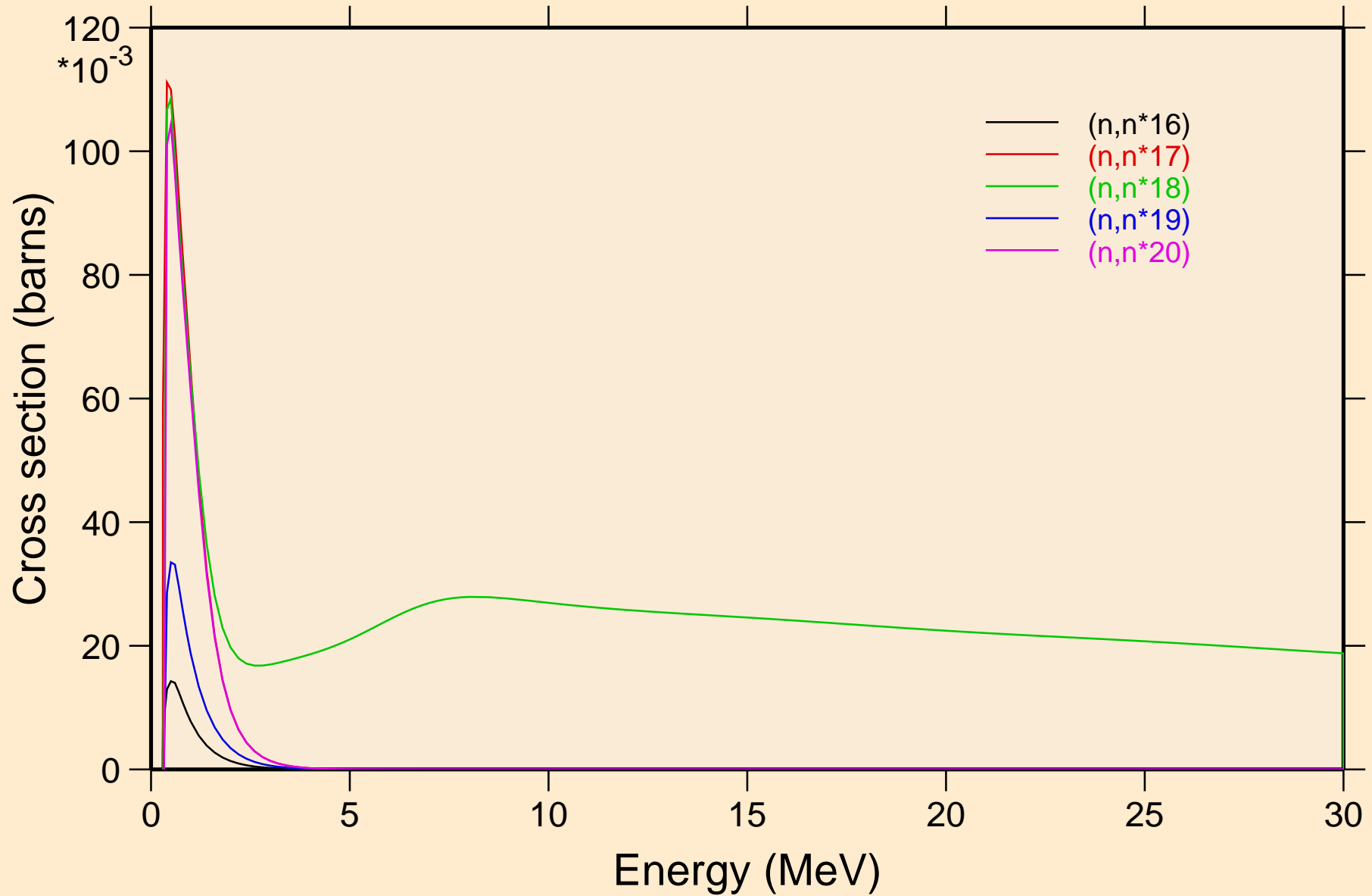
# PM150 NRG TENDL-2015, AKONING

## Inelastic levels



# PM150 NRG TENDL-2015, AKONING

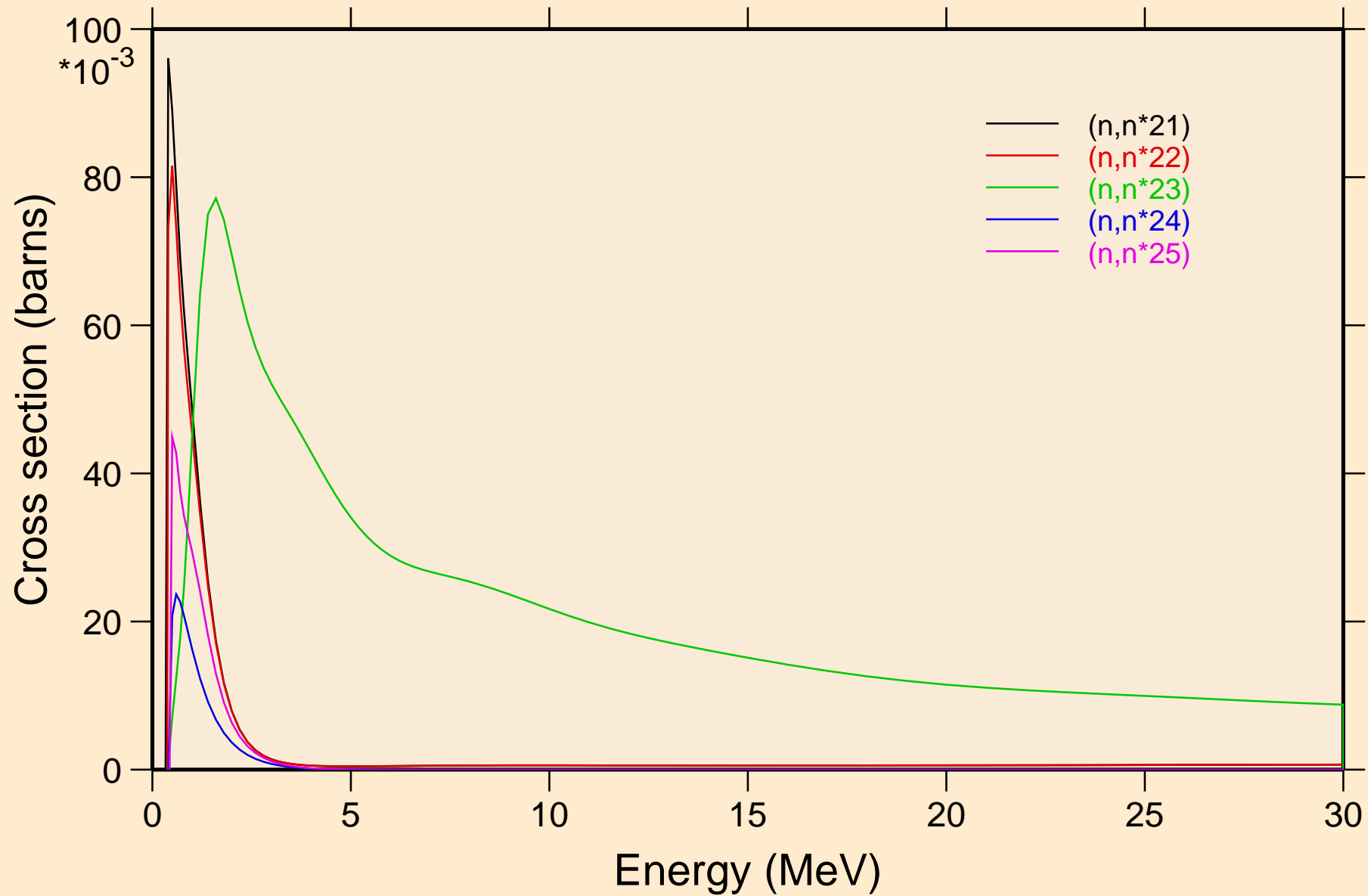
## Inelastic levels





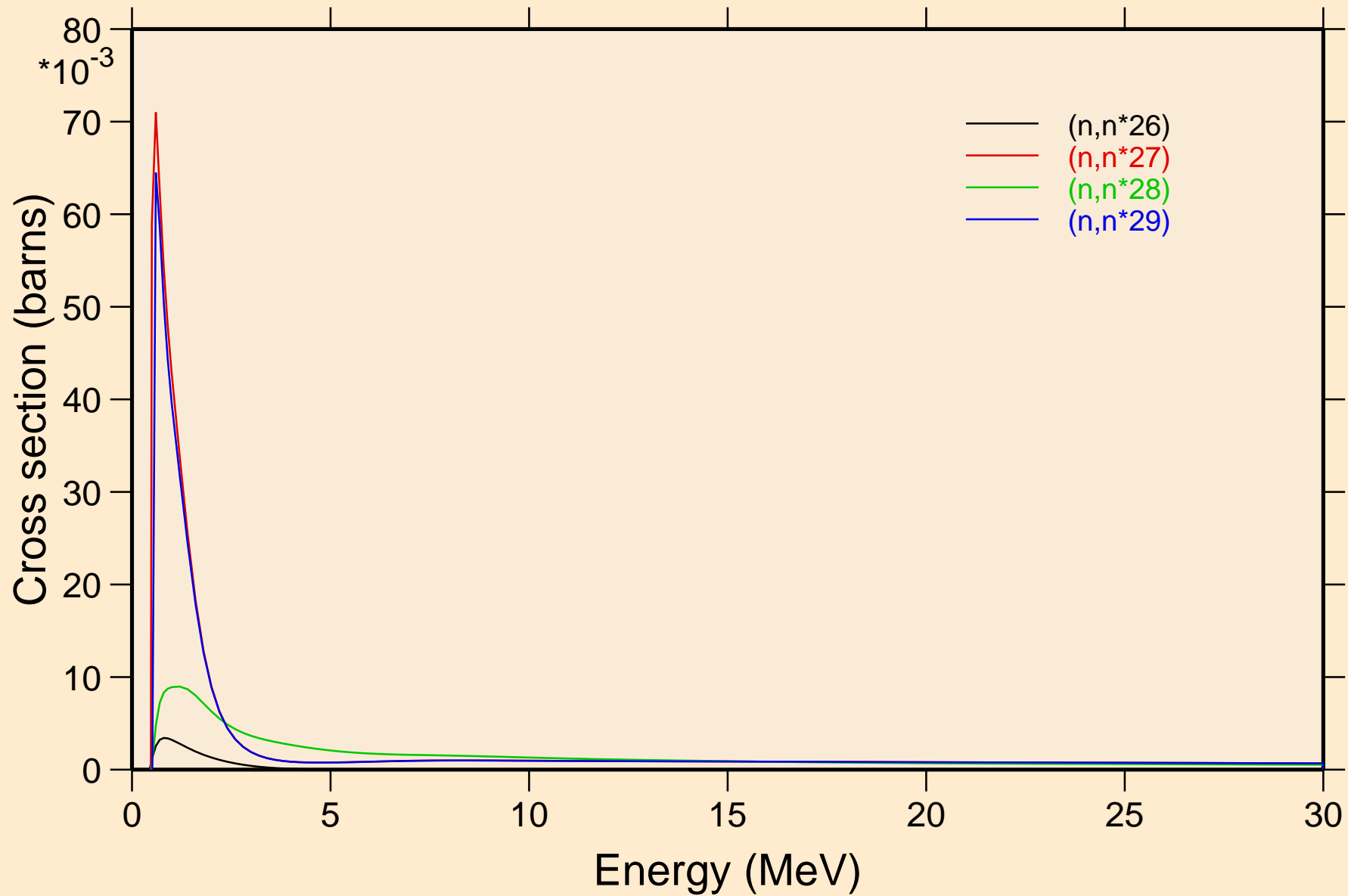
# PM150 NRG TENDL-2015, AKONING

## Inelastic levels



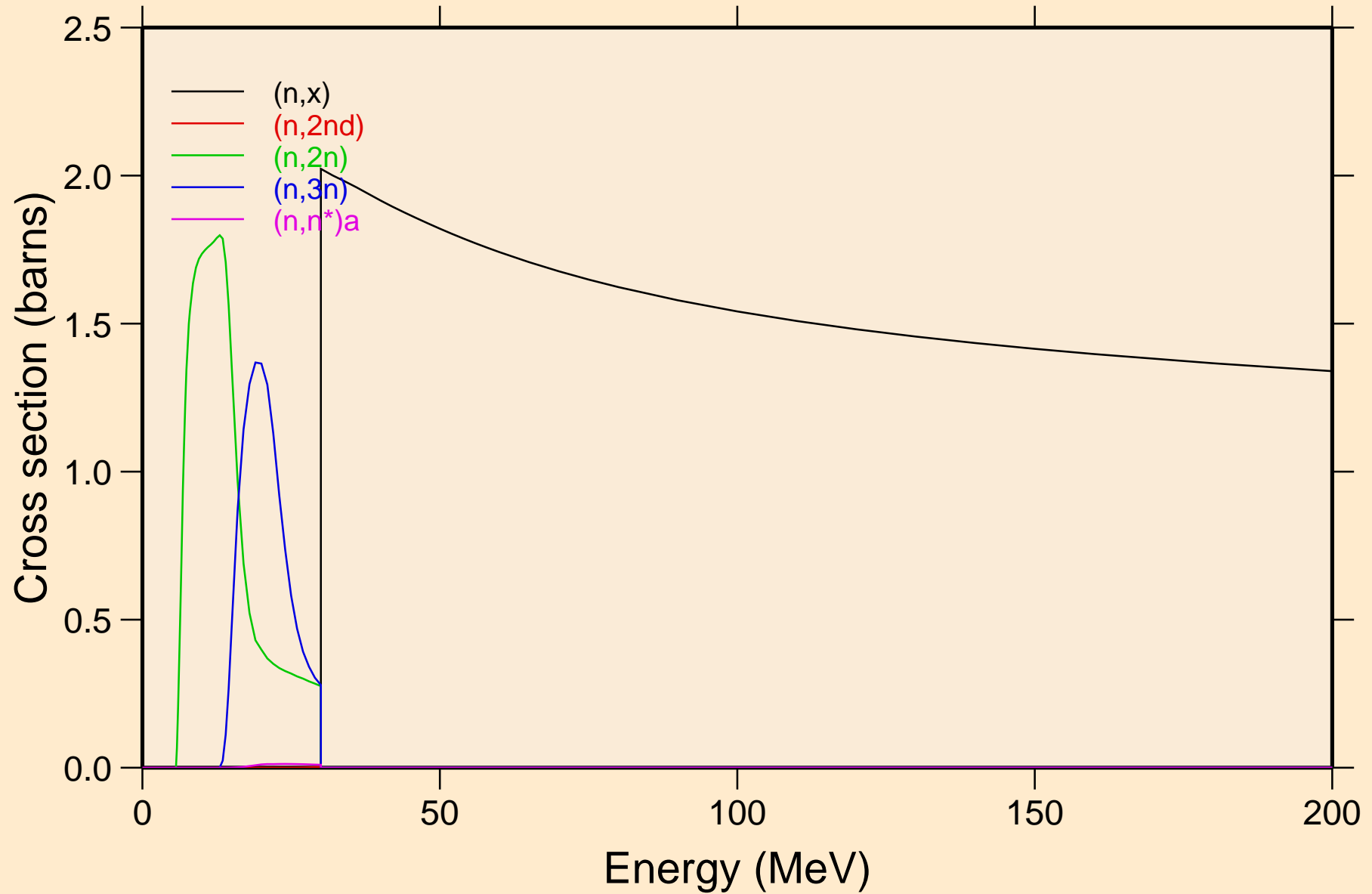
# PM150 NRG TENDL-2015, AKONING

## Inelastic levels



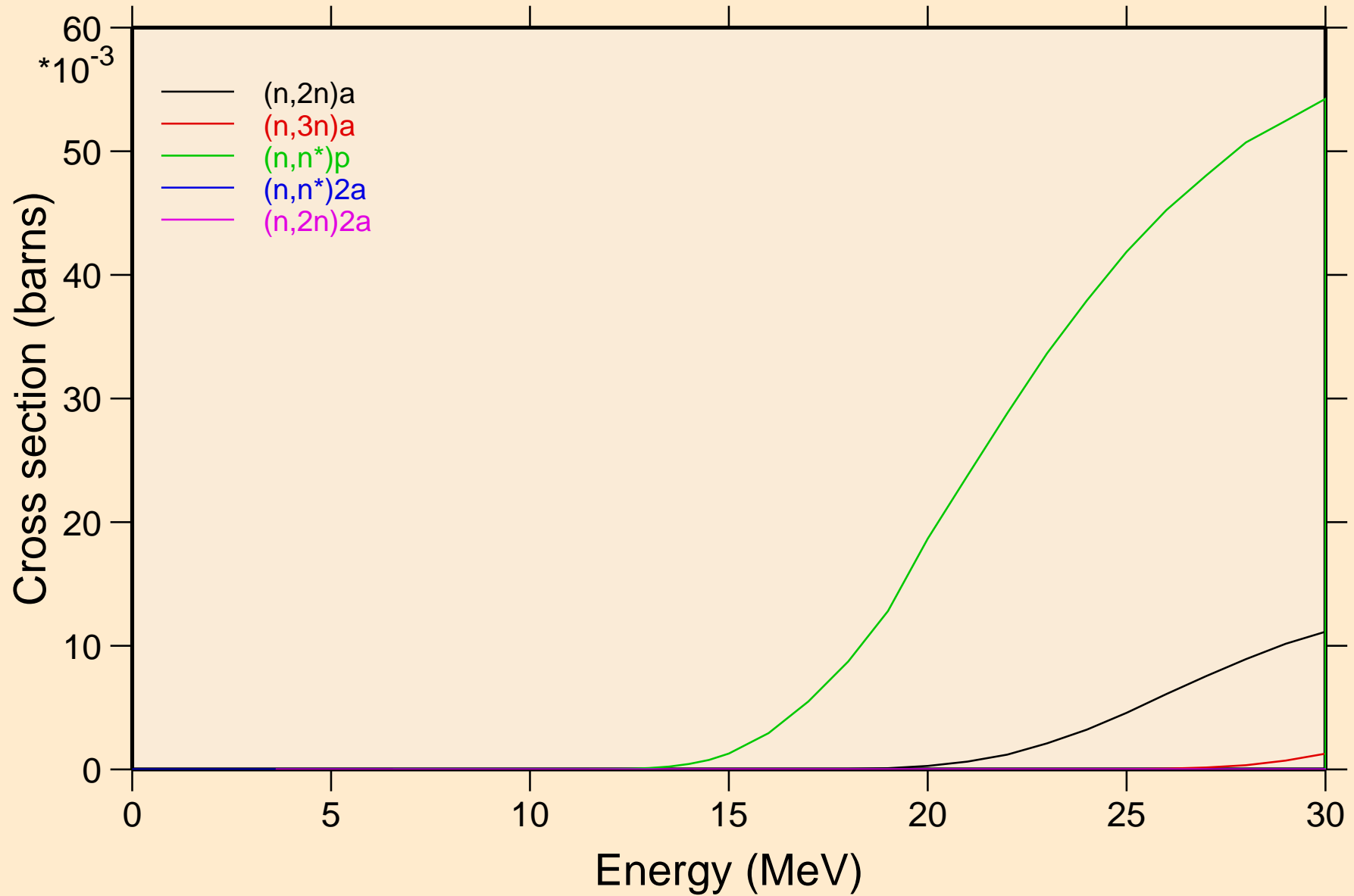
# PM150 NRG TENDL-2015, AKONING

## Threshold reactions



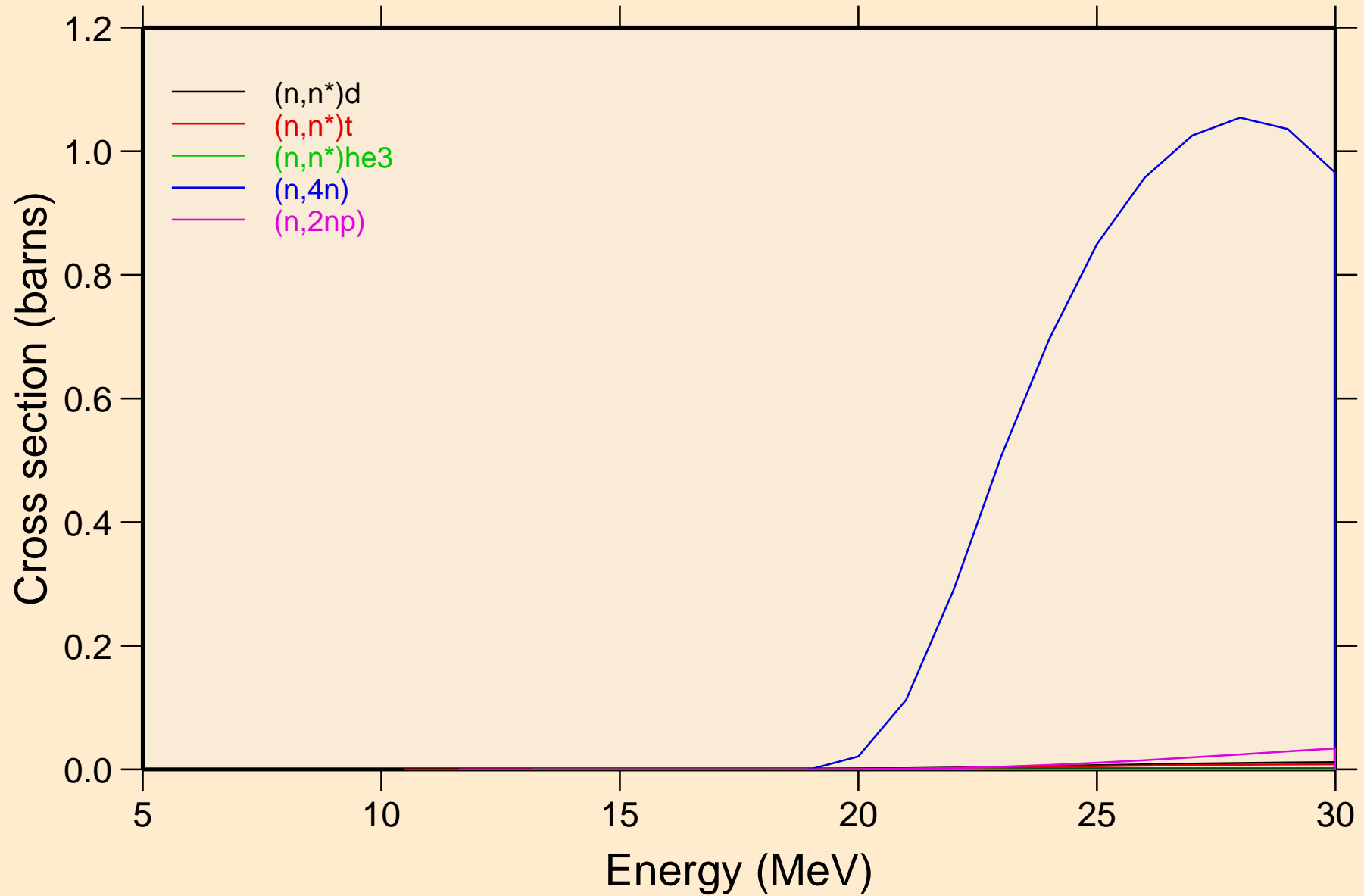
# PM150 NRG TENDL-2015, AKONING

## Threshold reactions



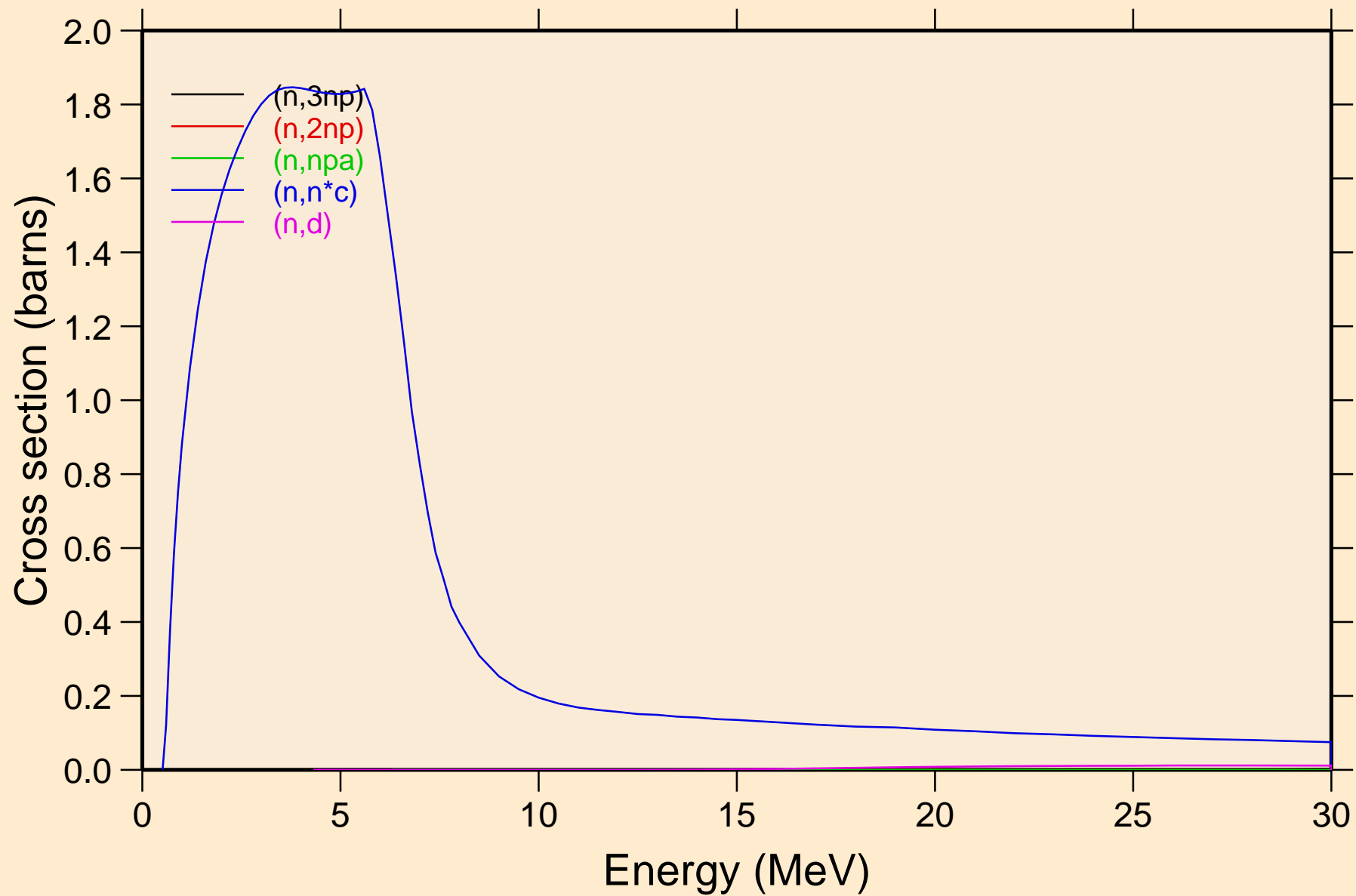
# PM150 NRG TENDL-2015, AKONING

## Threshold reactions



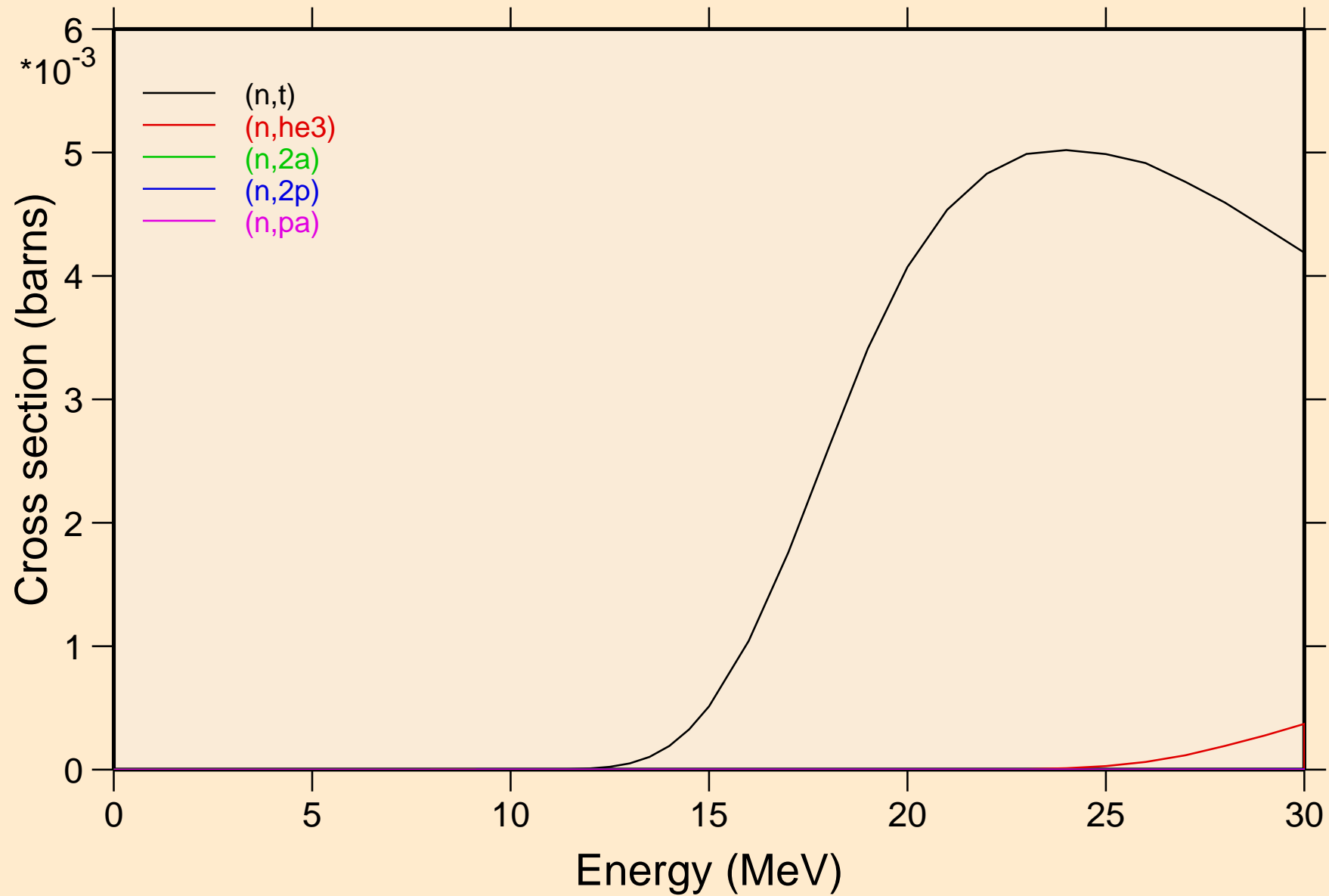
# PM150 NRG TENDL-2015, AKONING

## Threshold reactions



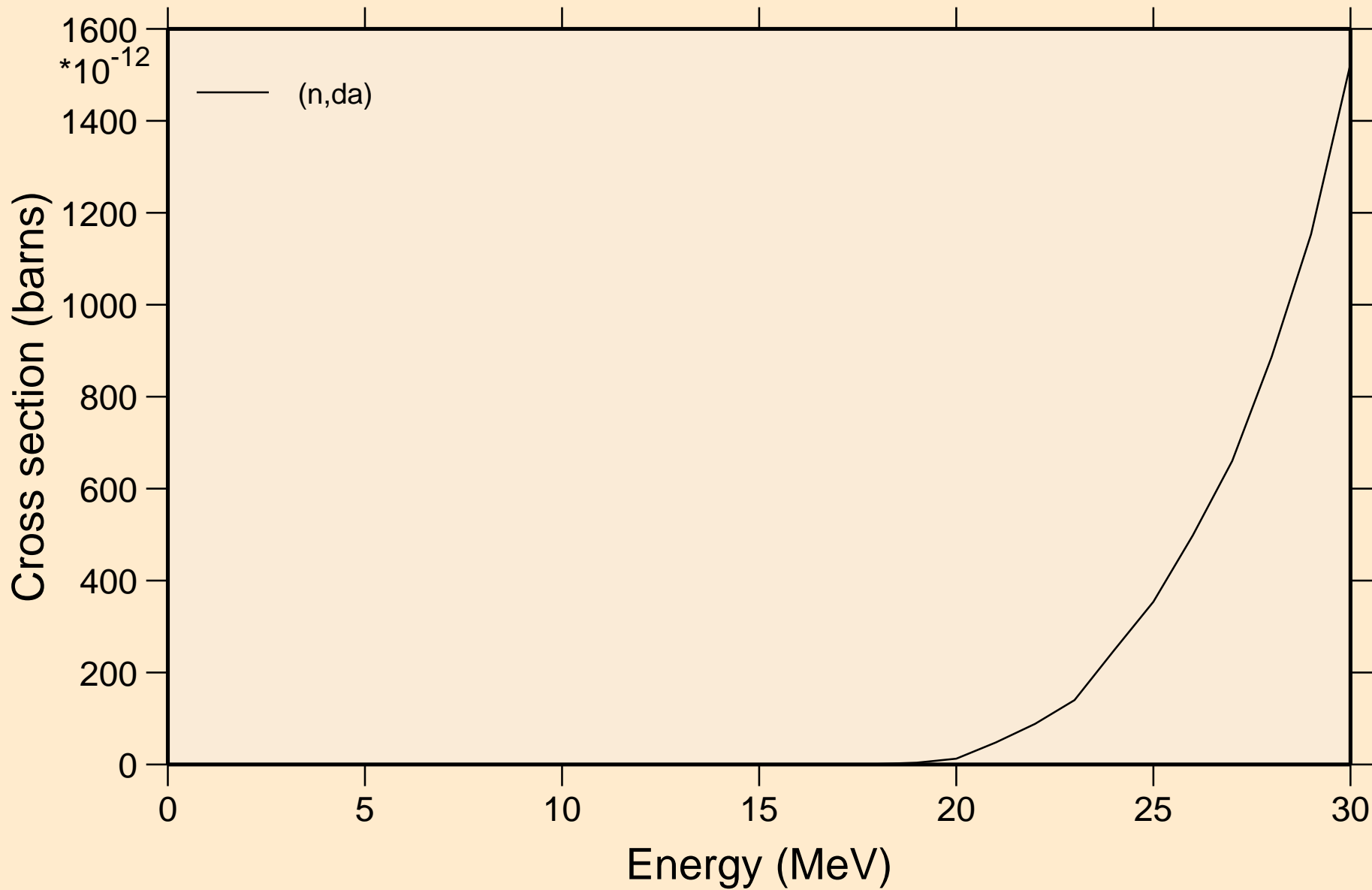
# PM150 NRG TENDL-2015, AKONING

## Threshold reactions



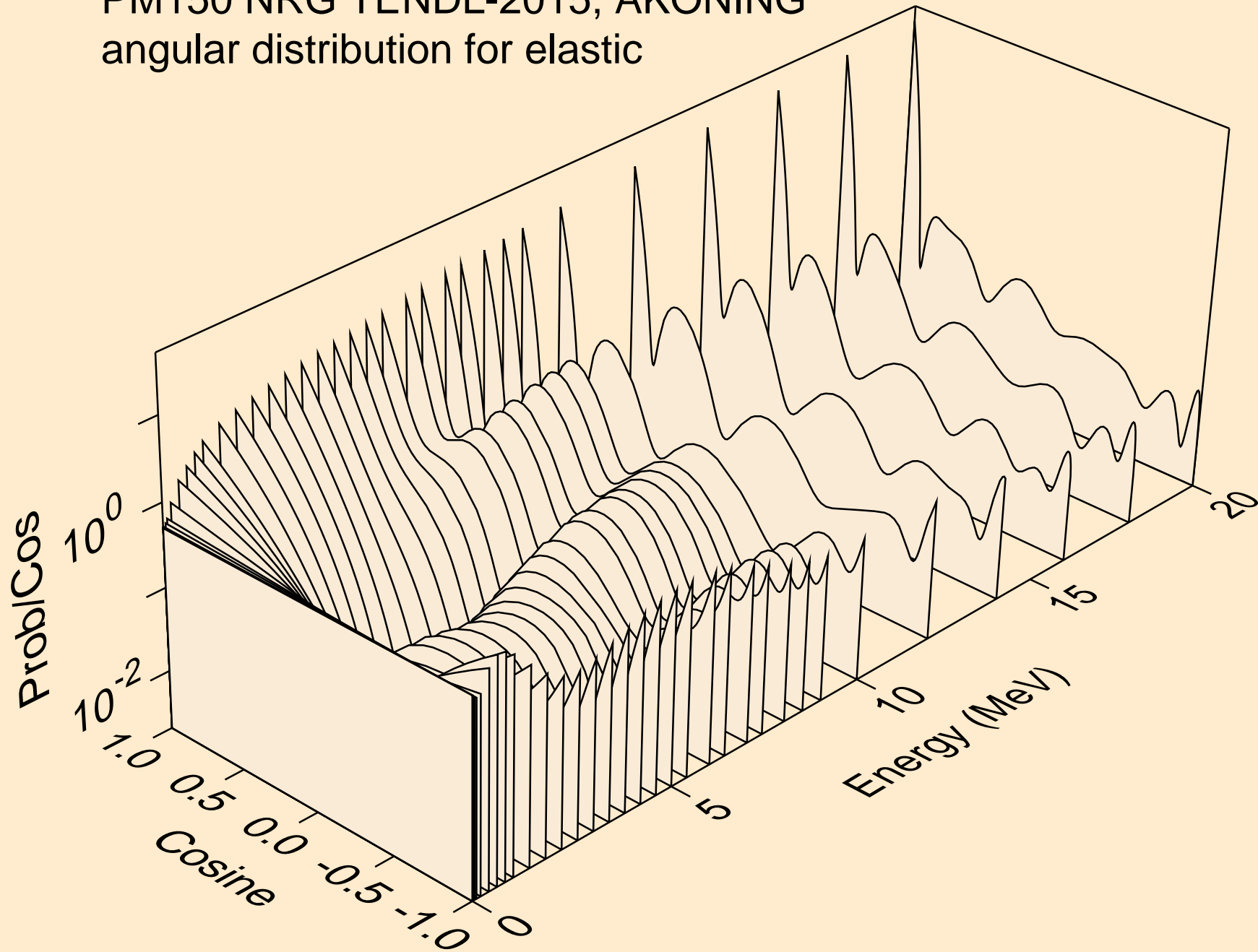
# PM150 NRG TENDL-2015, AKONING

## Threshold reactions

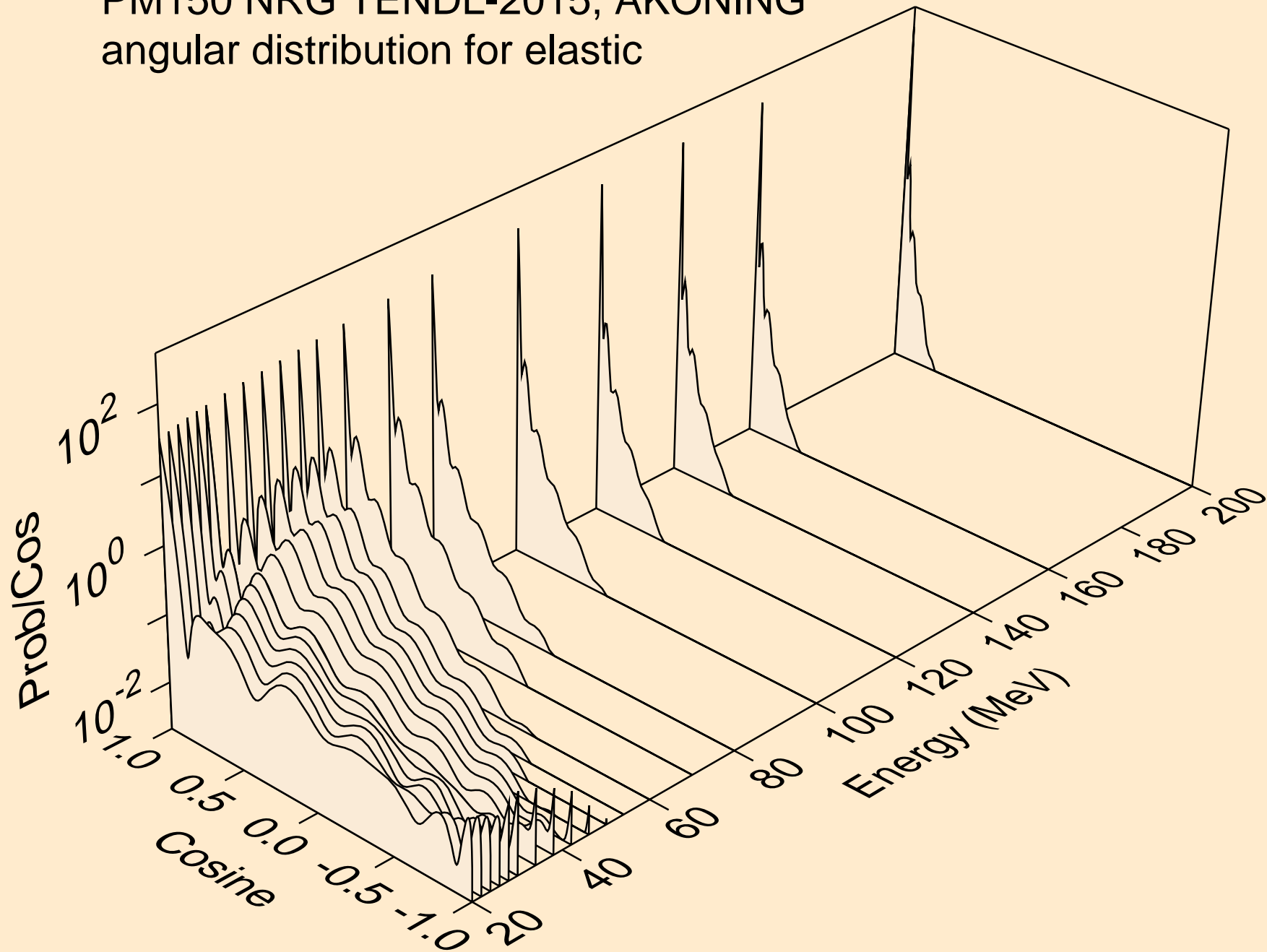




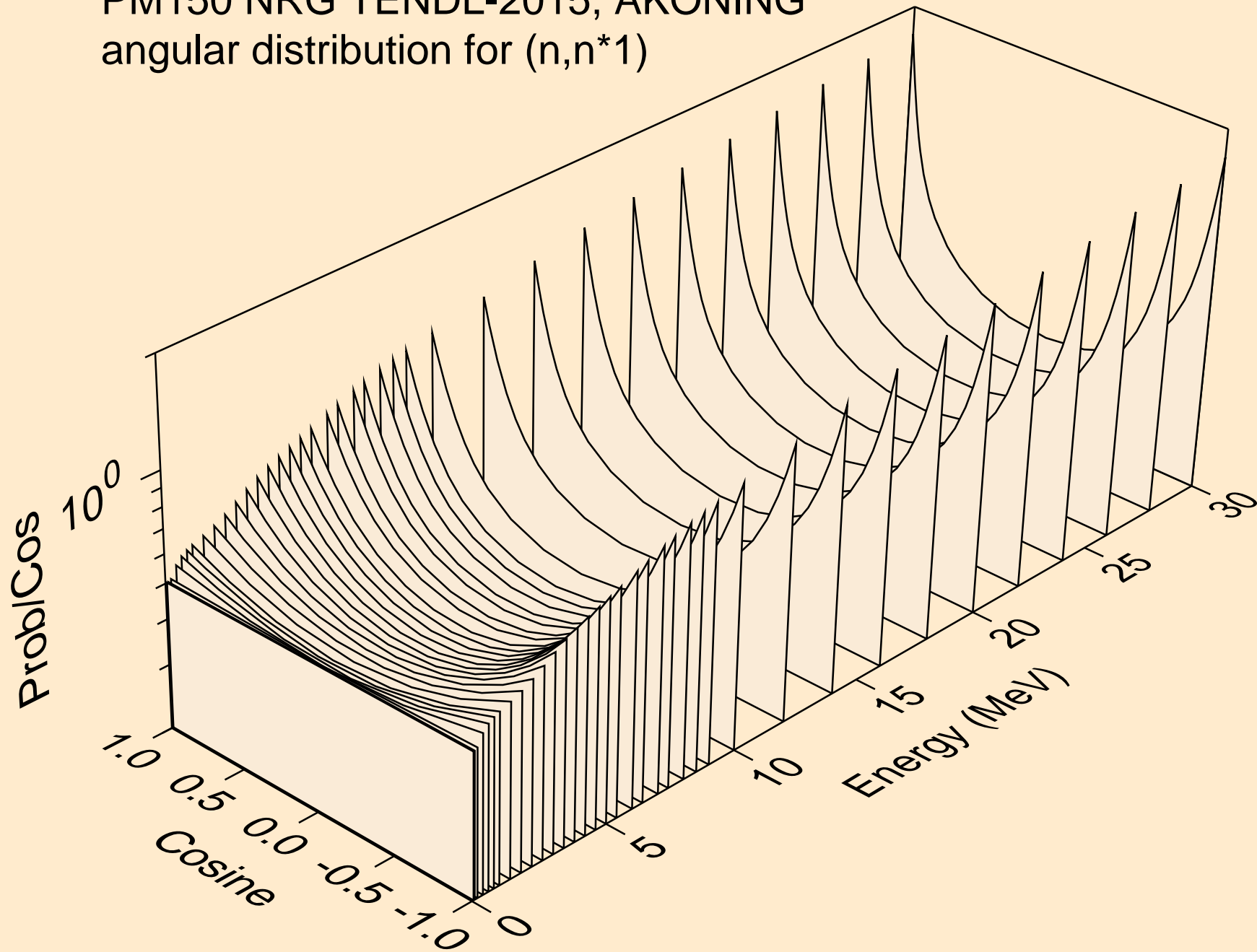
PM150 NRG TENDL-2015, AKONING  
angular distribution for elastic



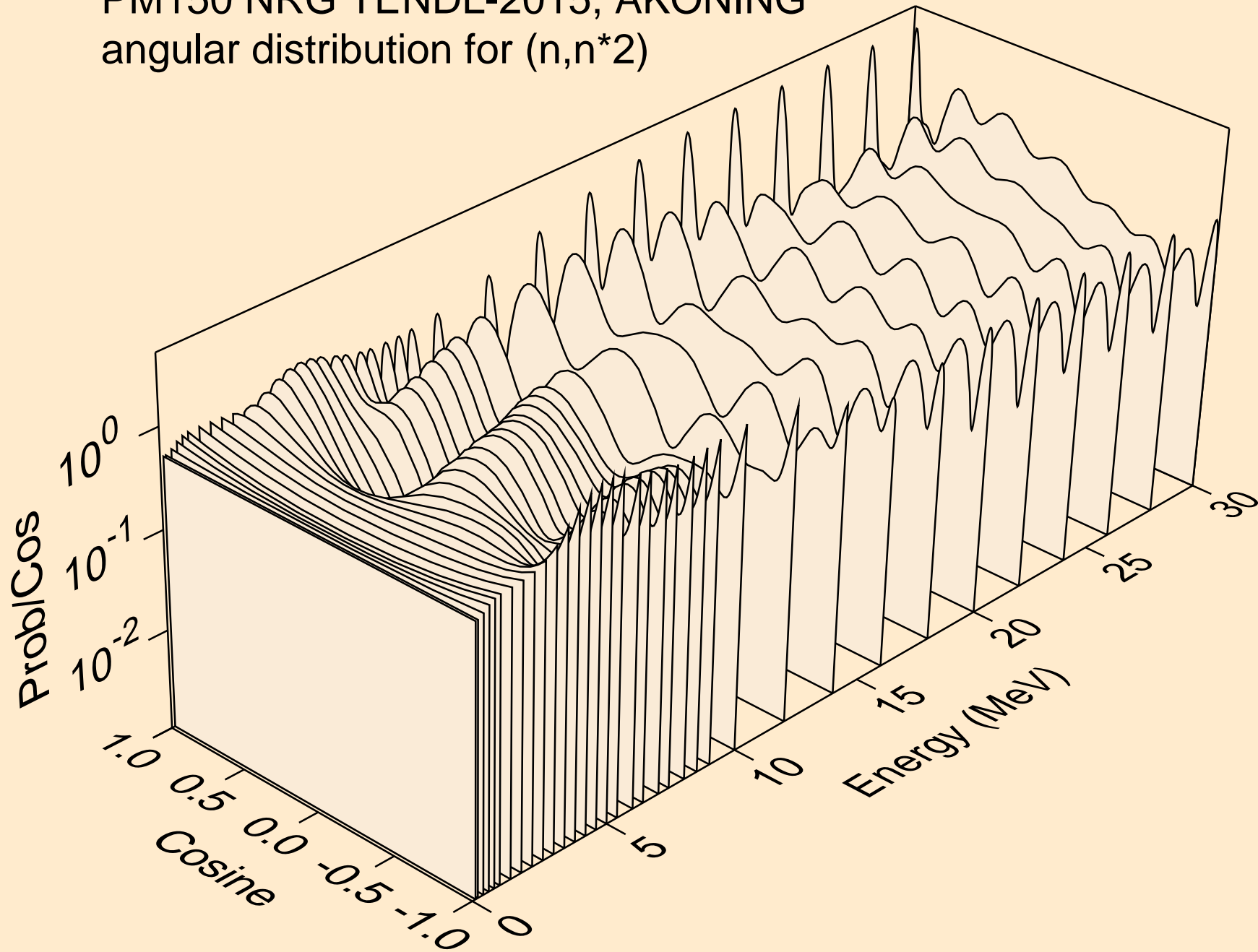
PM150 NRG TENDL-2015, AKONING  
angular distribution for elastic



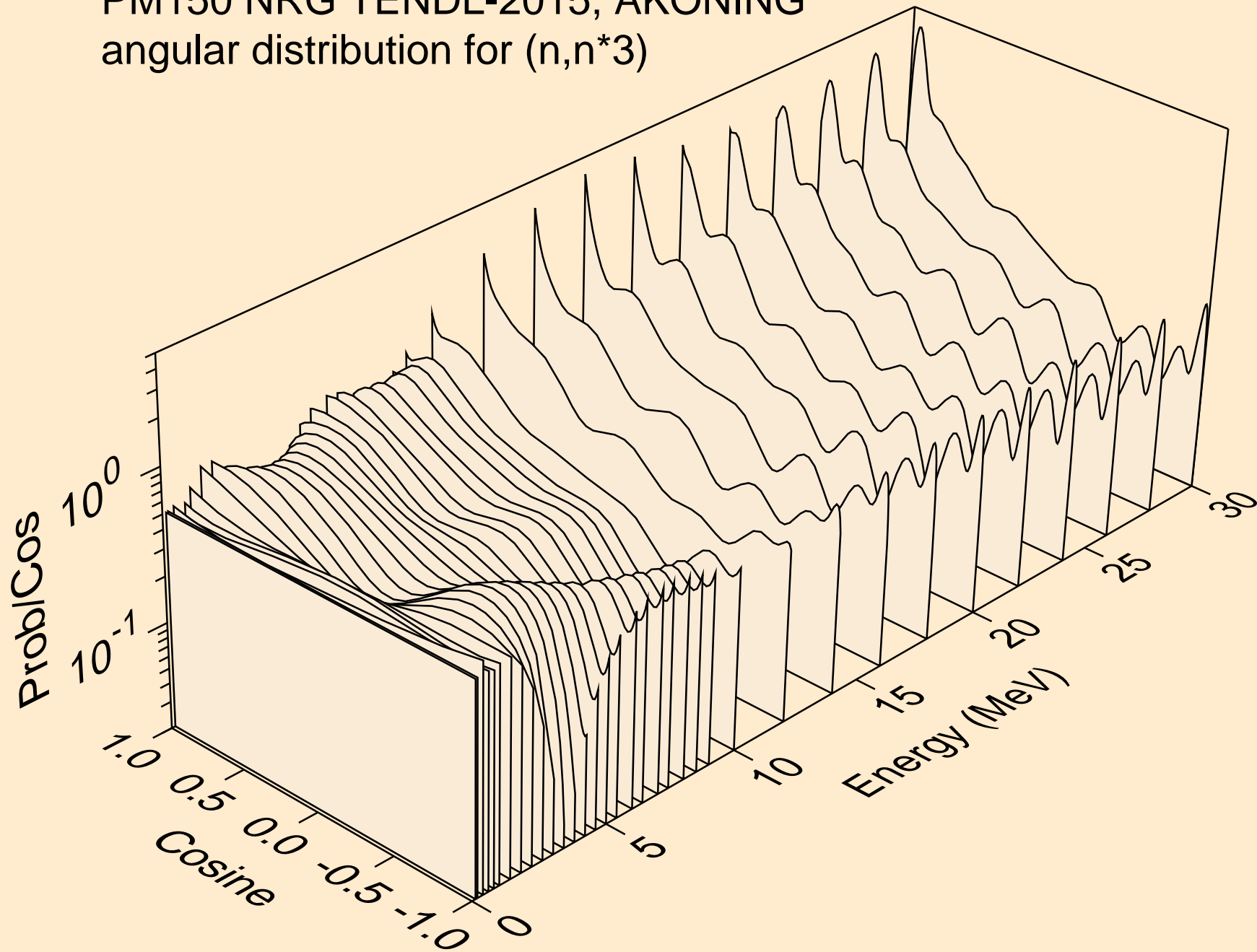
PM150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



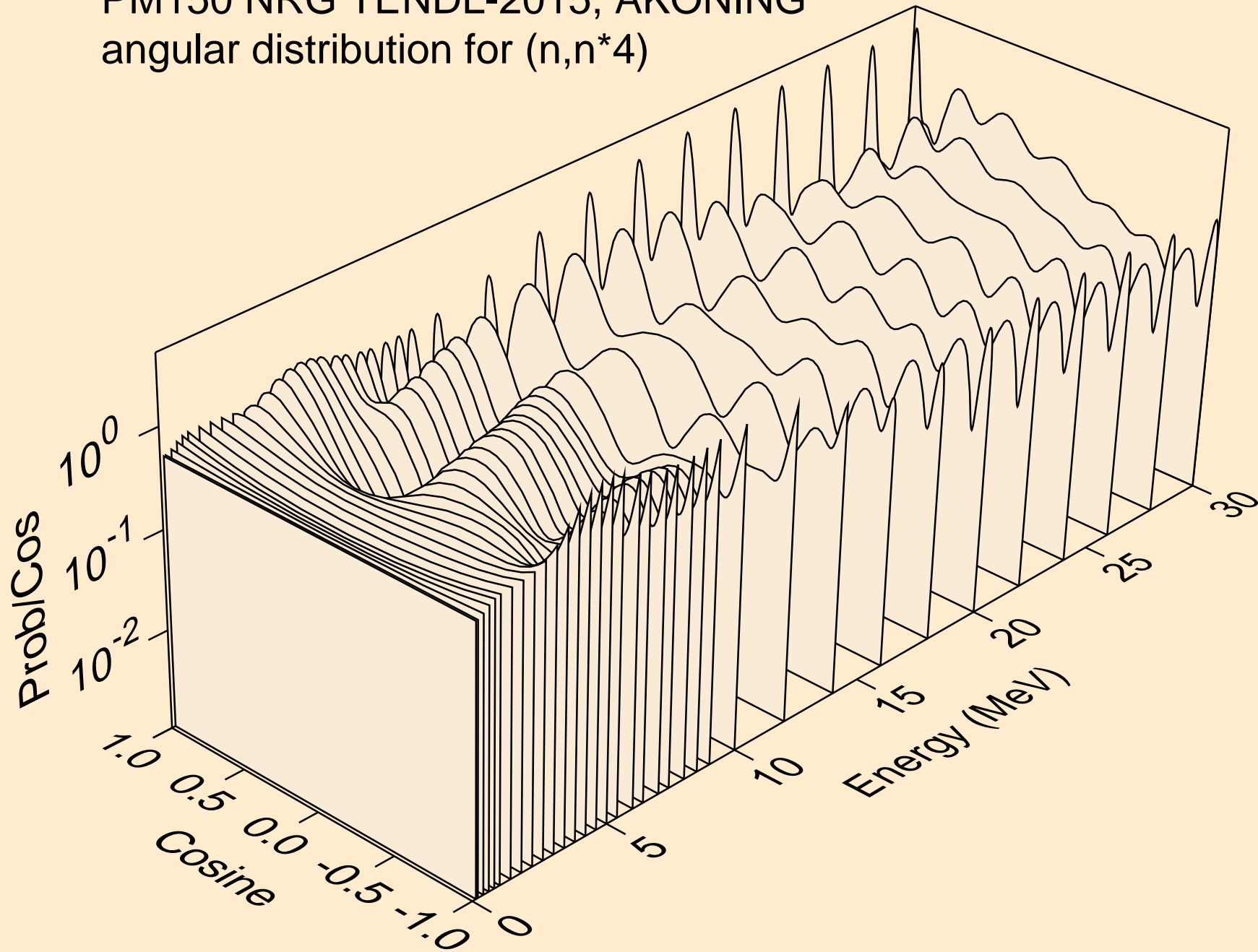
PM150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



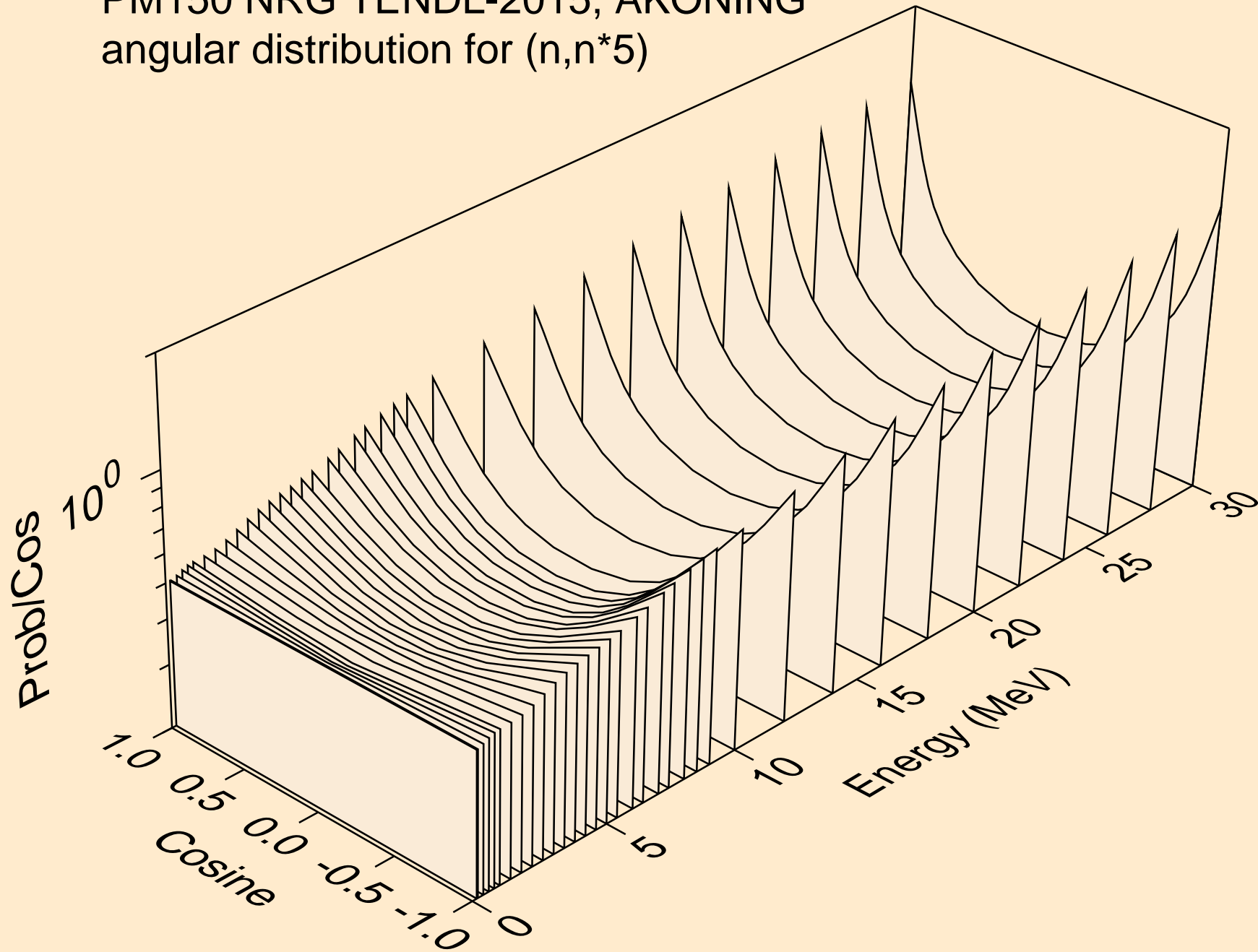
PM150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



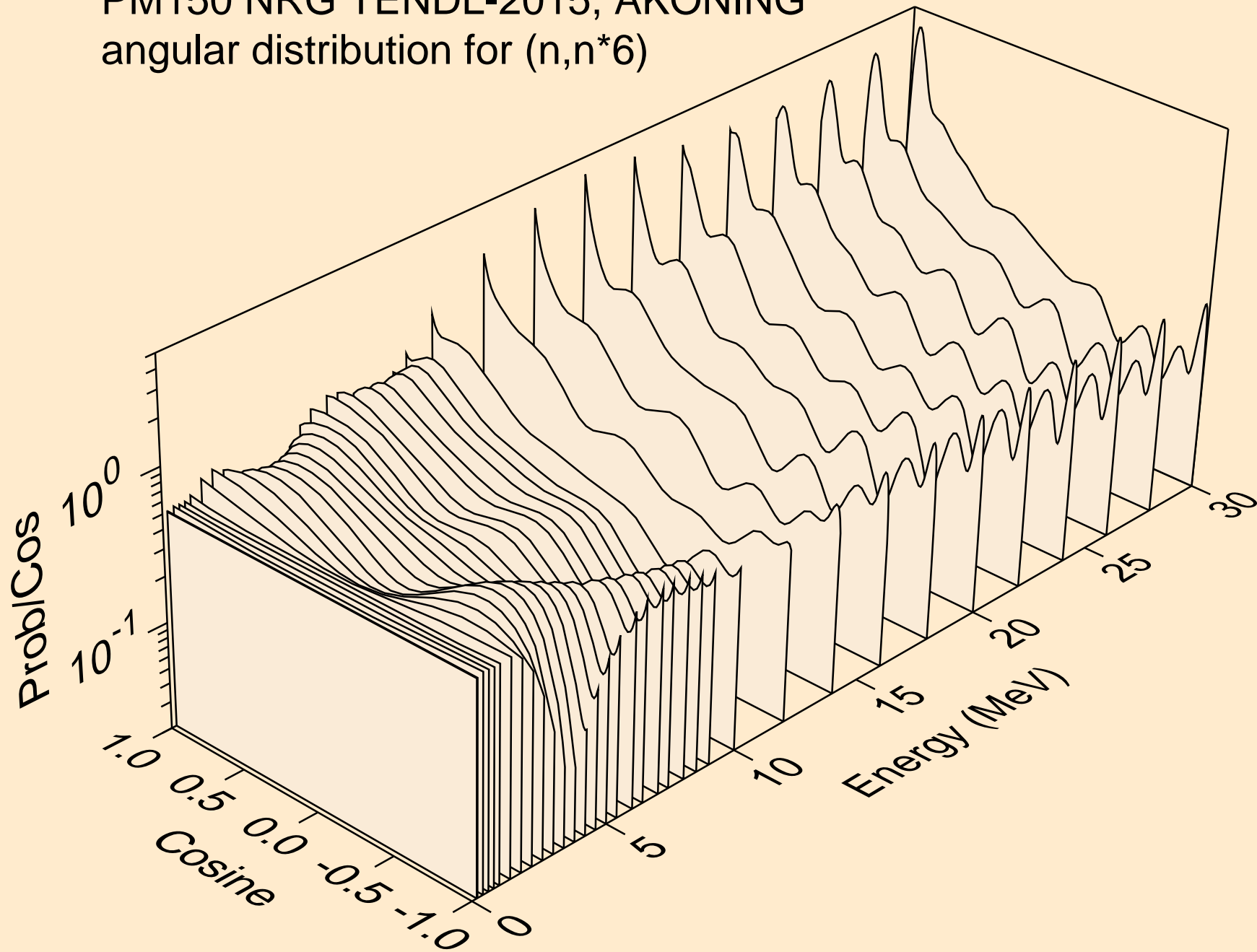
PM150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



PM150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

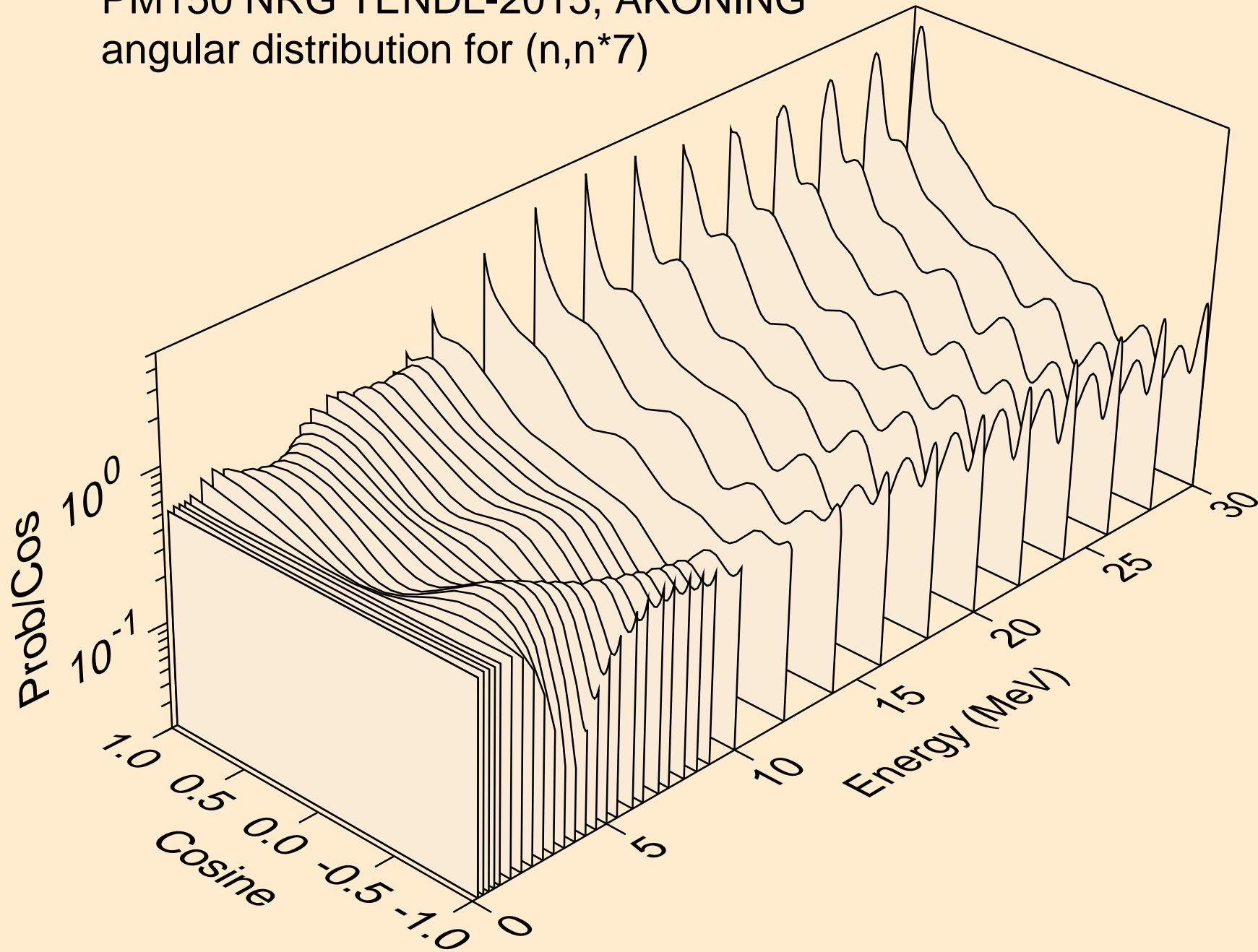


PM150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

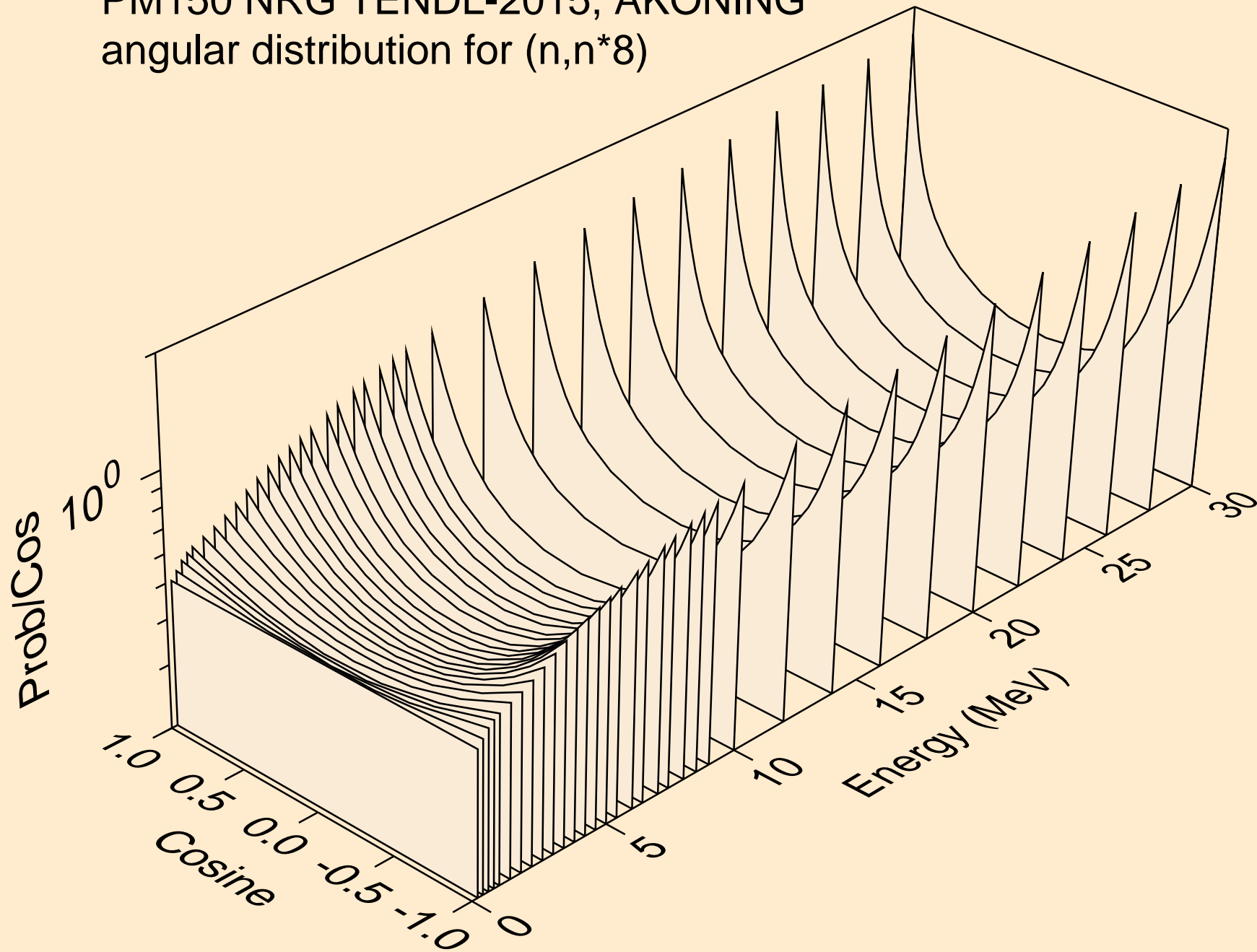




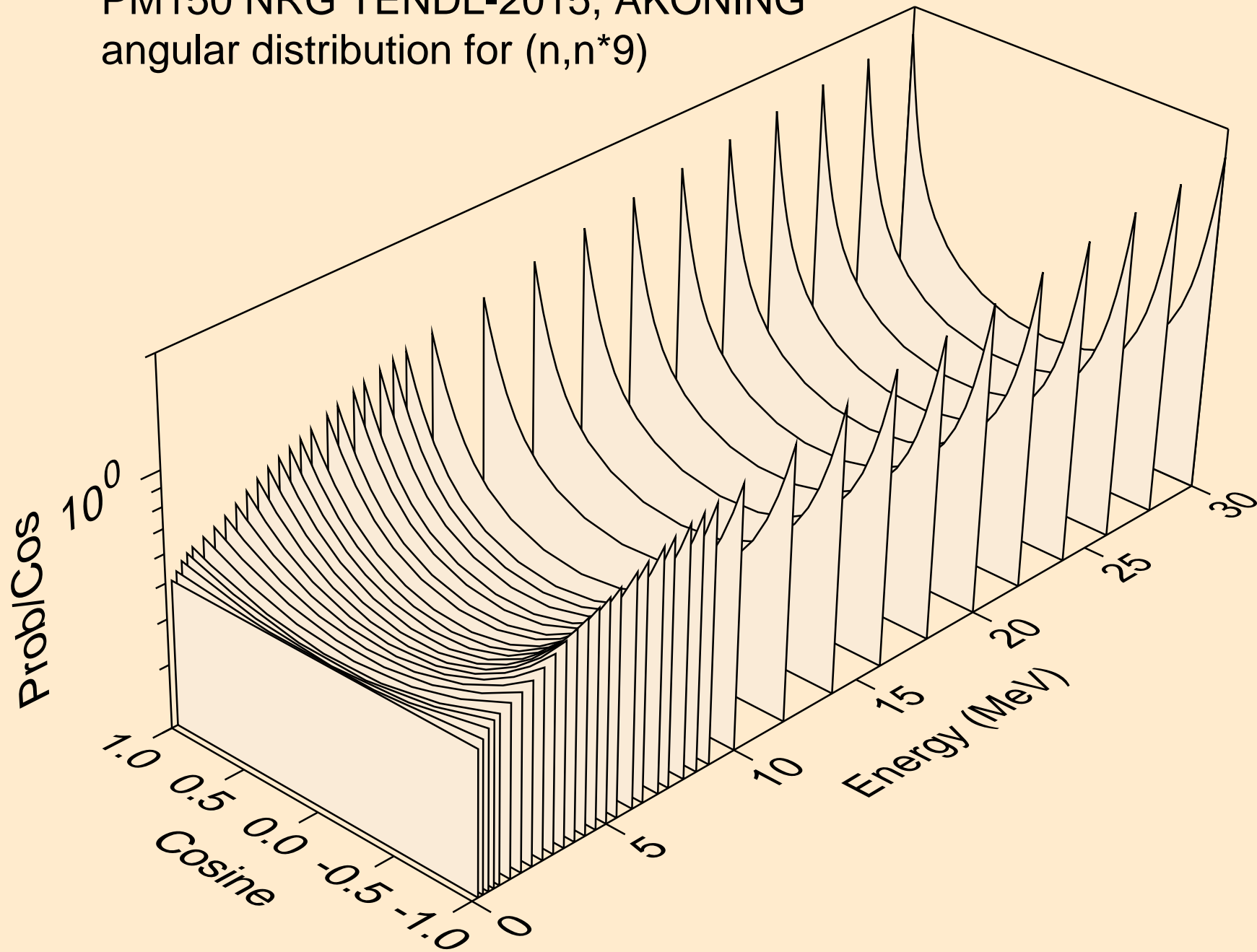
PM150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



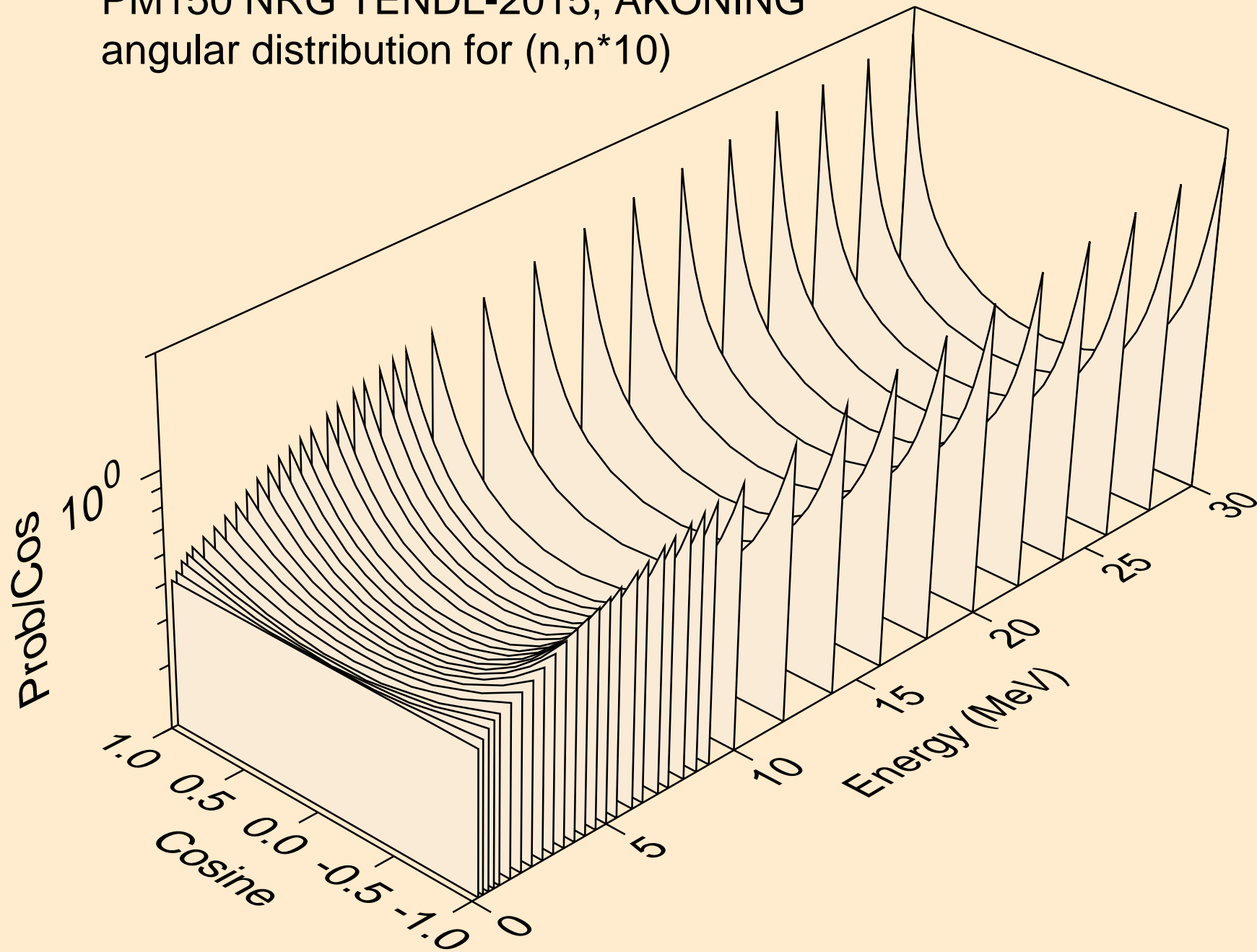
PM150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



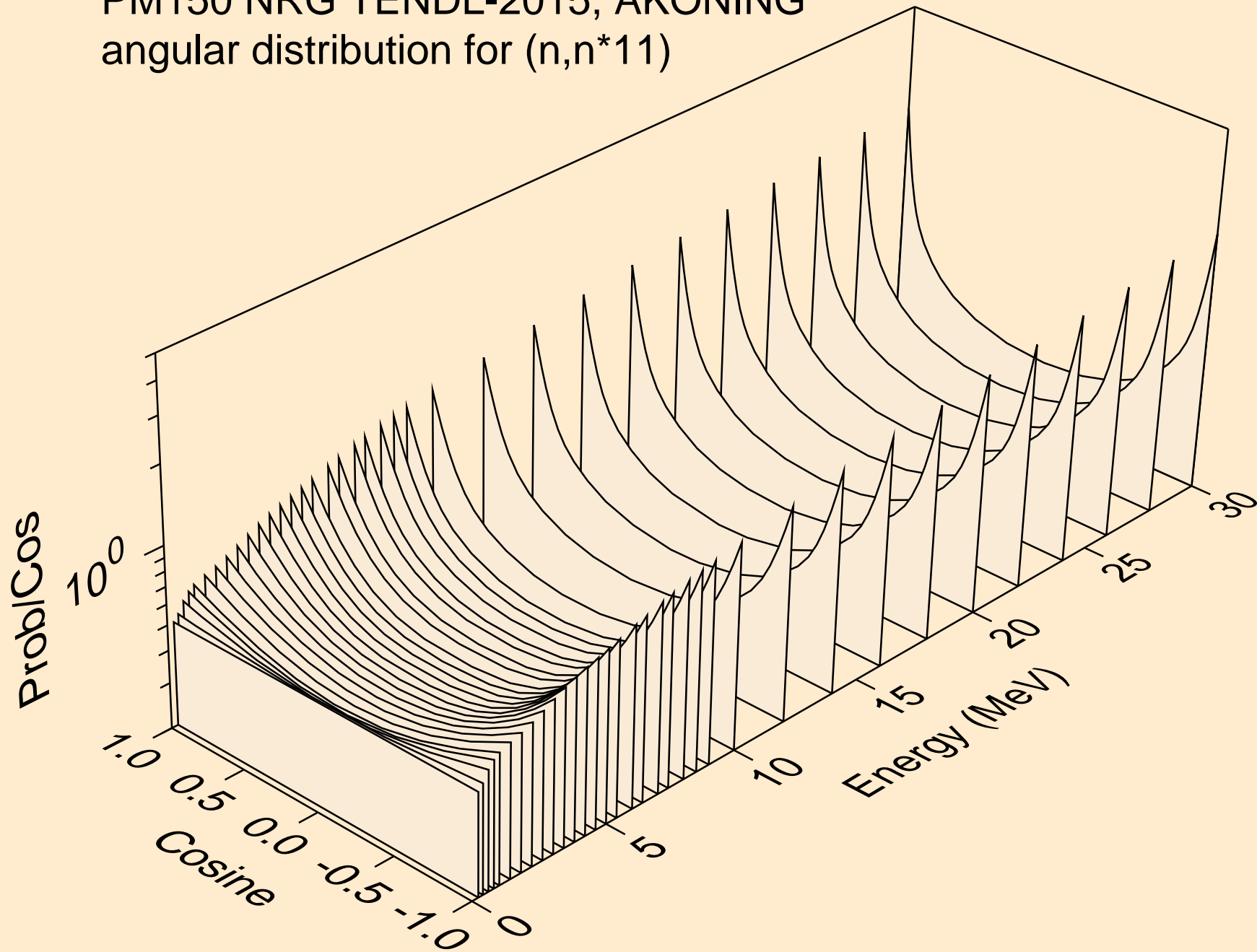
PM150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



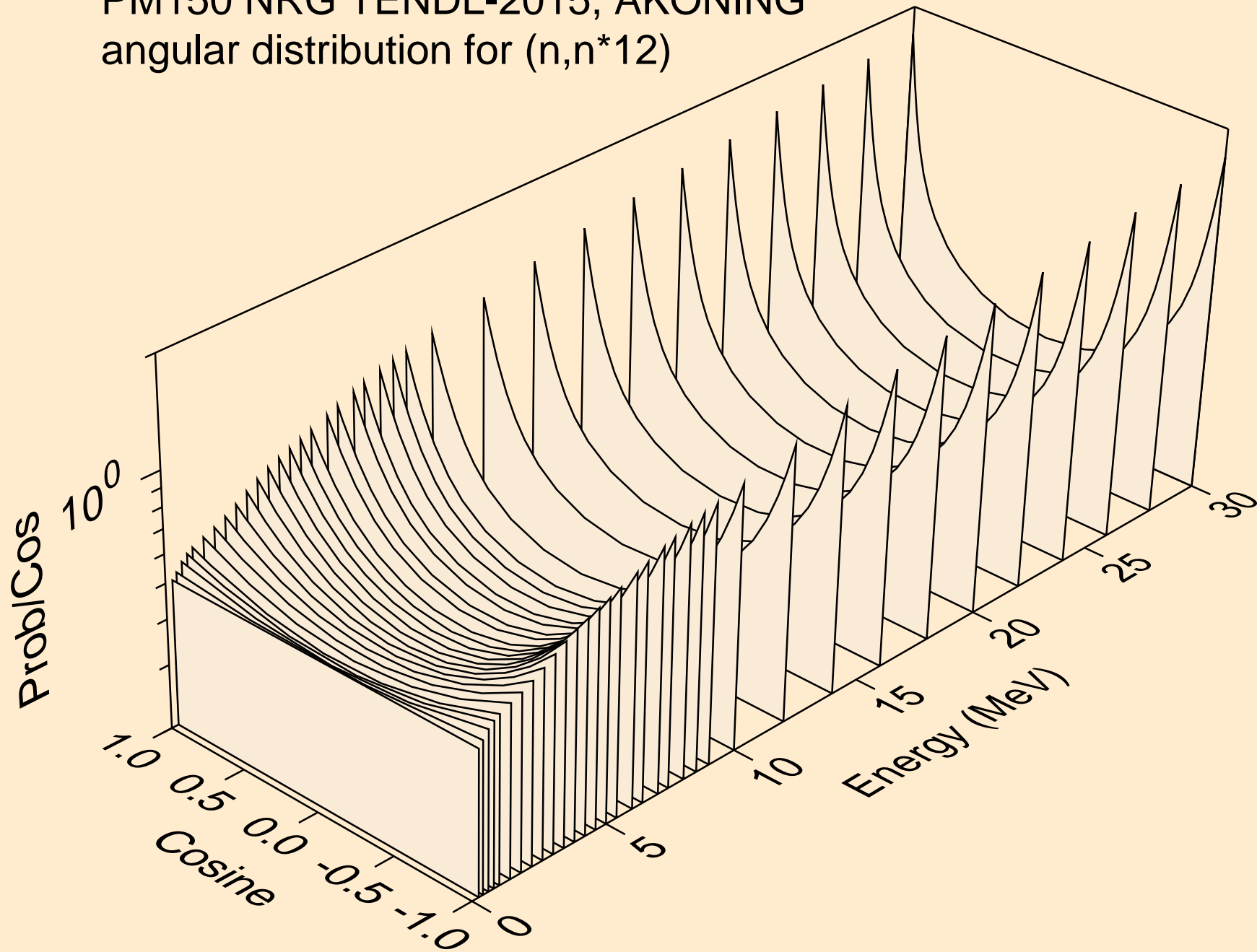
PM150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



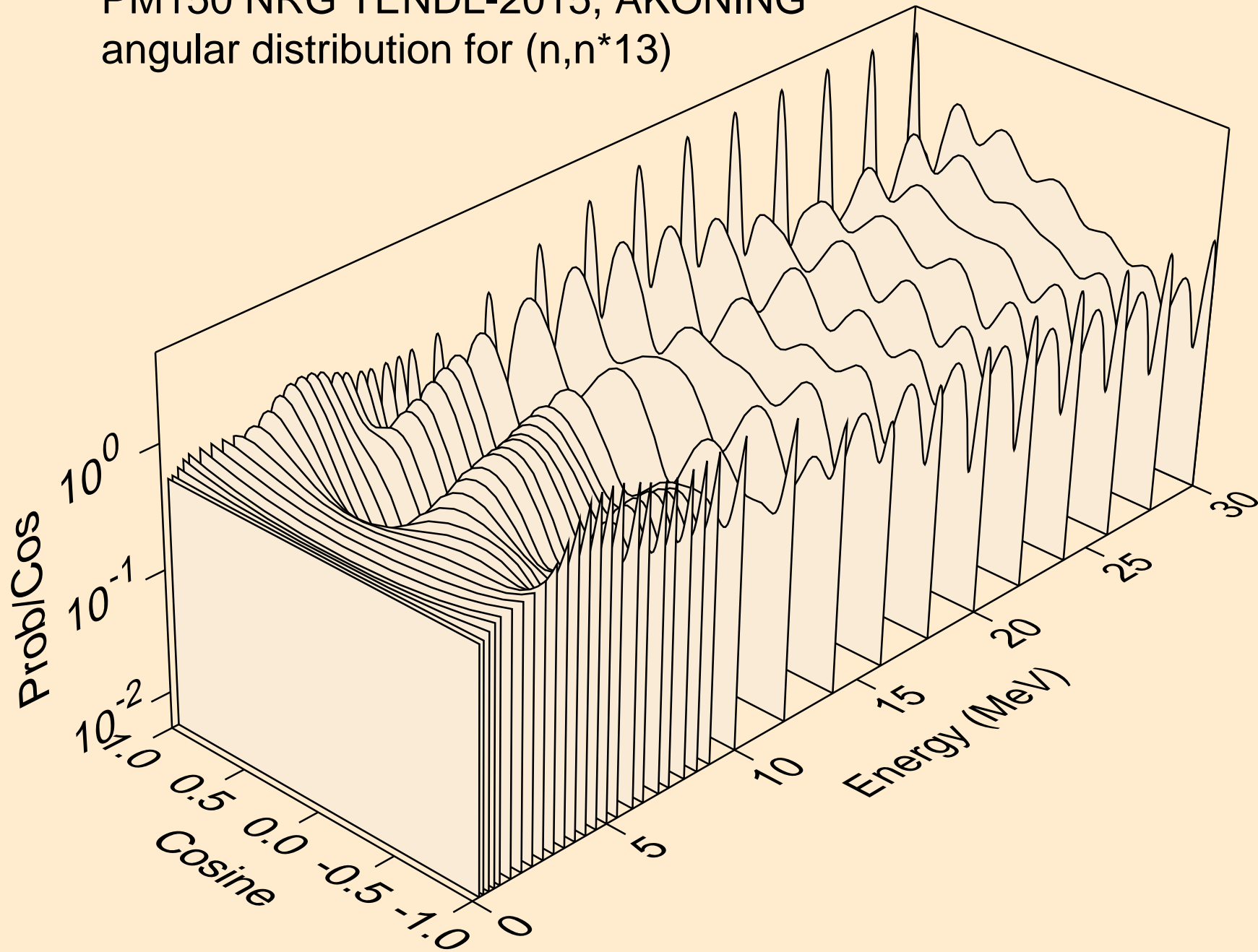
PM150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



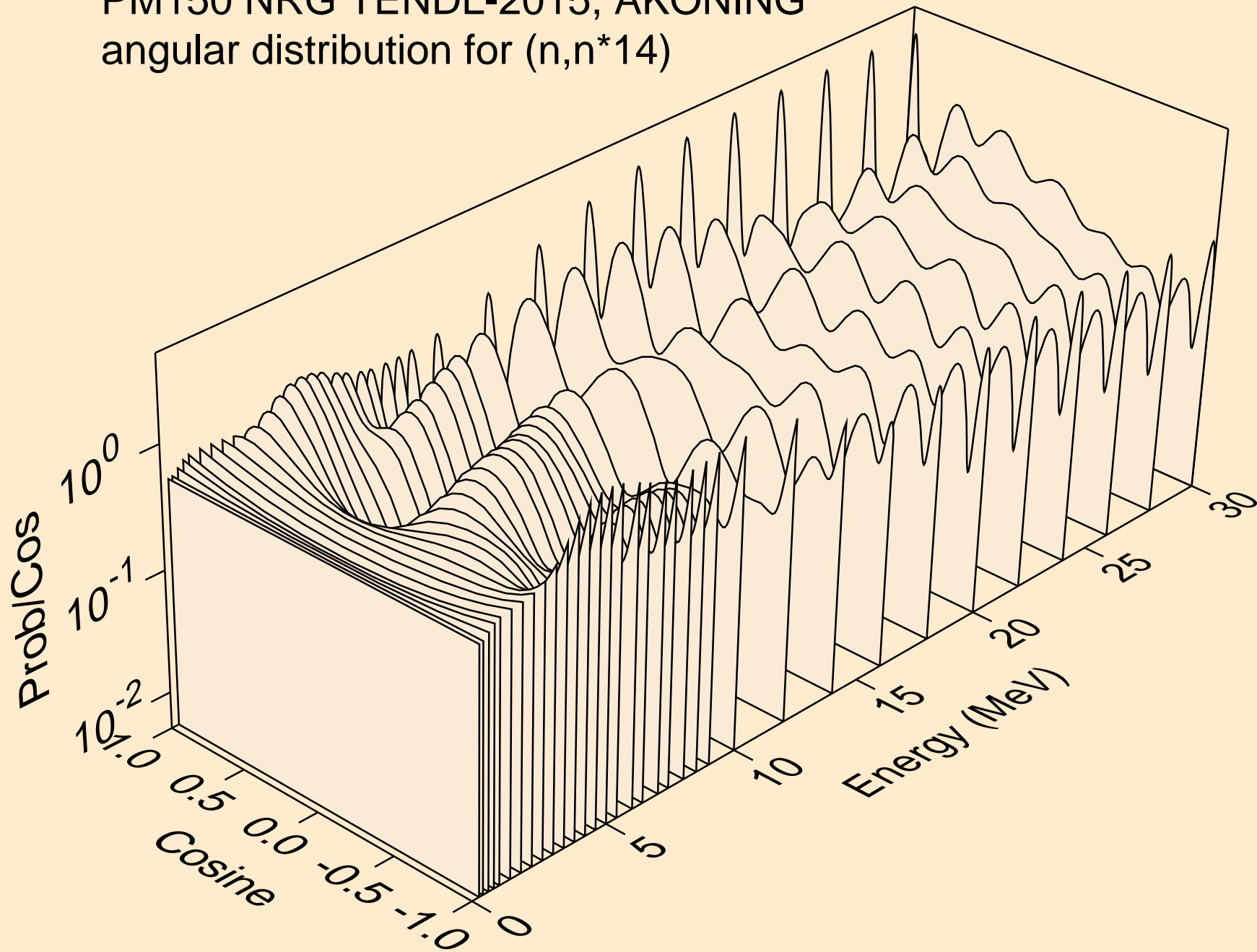
PM150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



PM150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

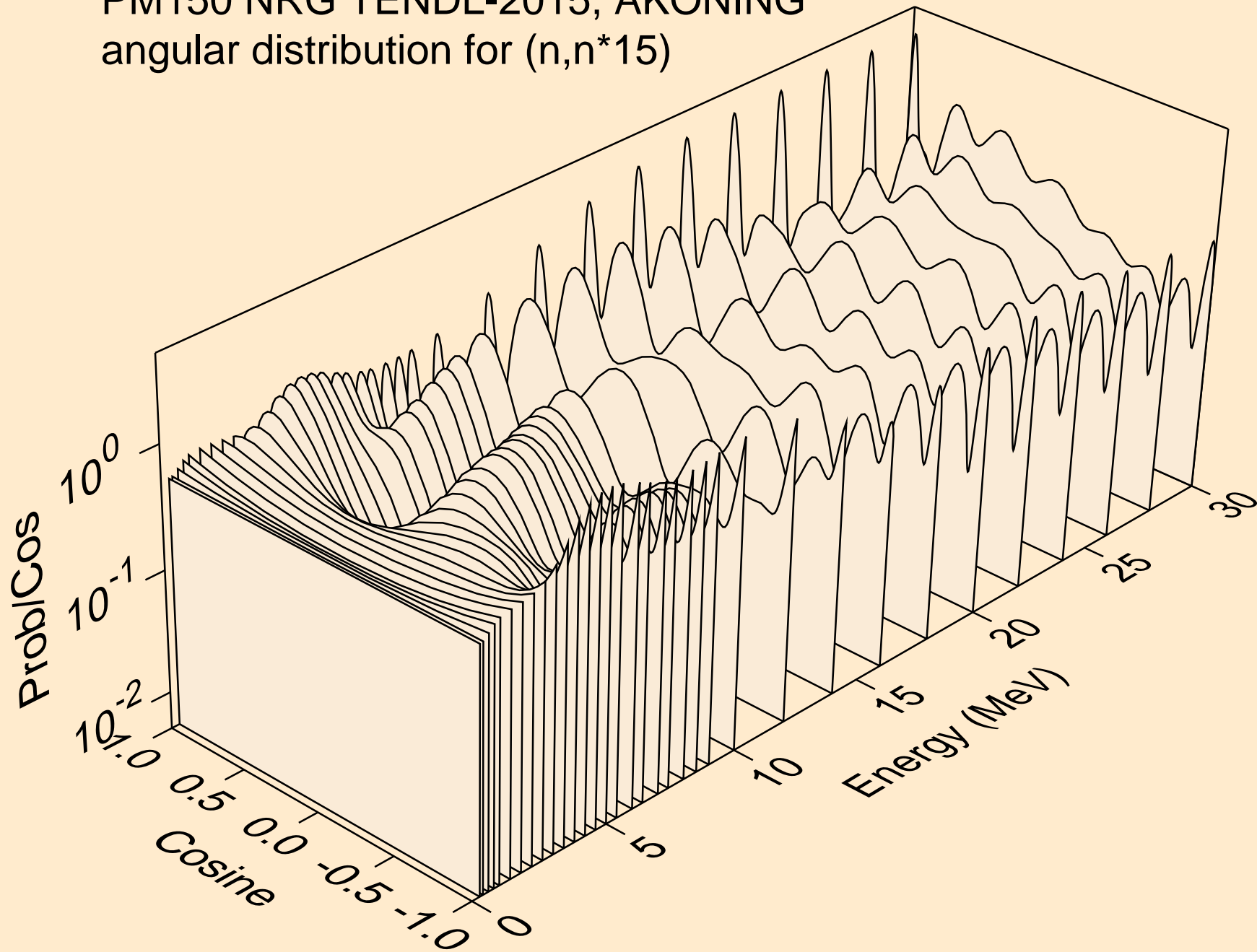


PM150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

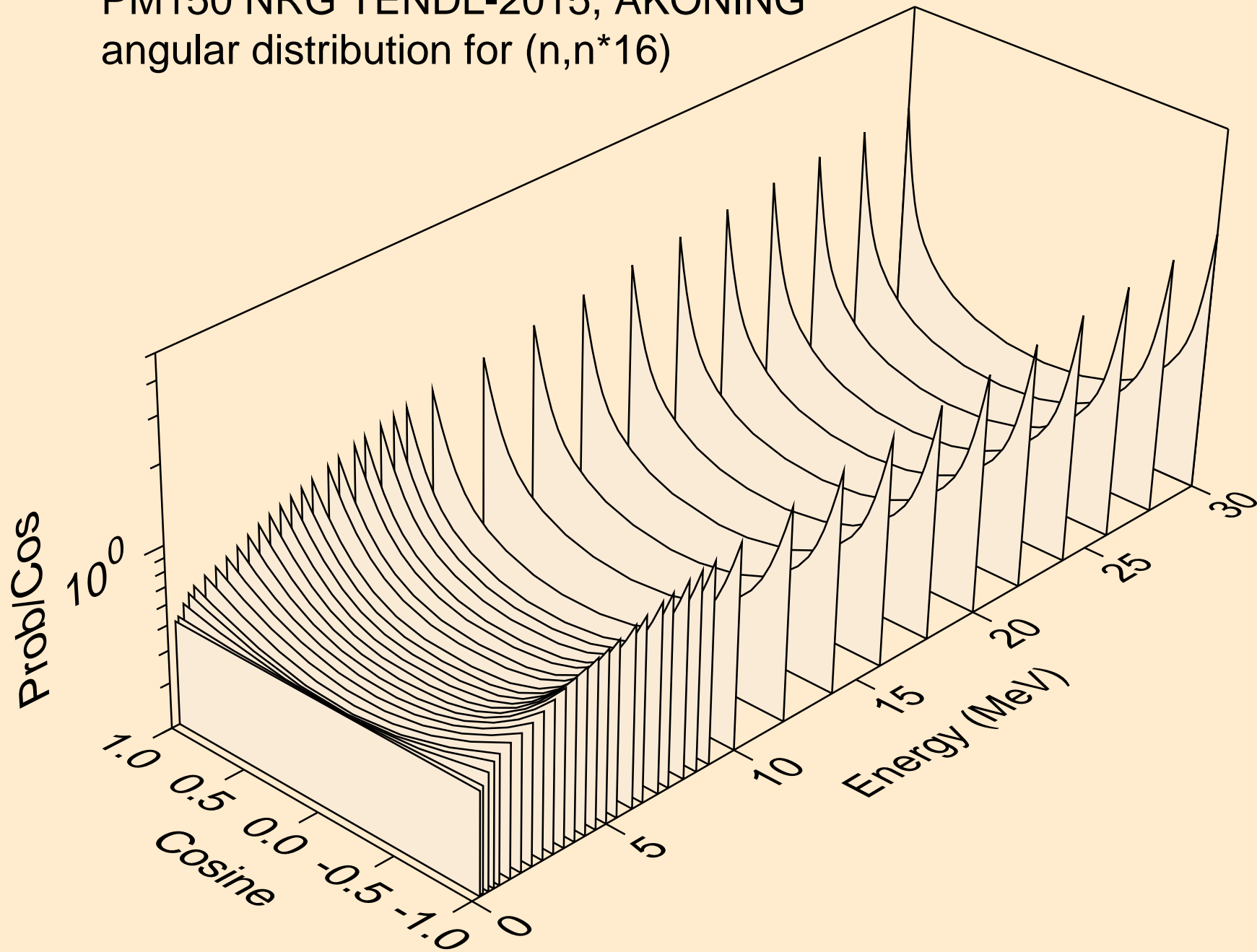




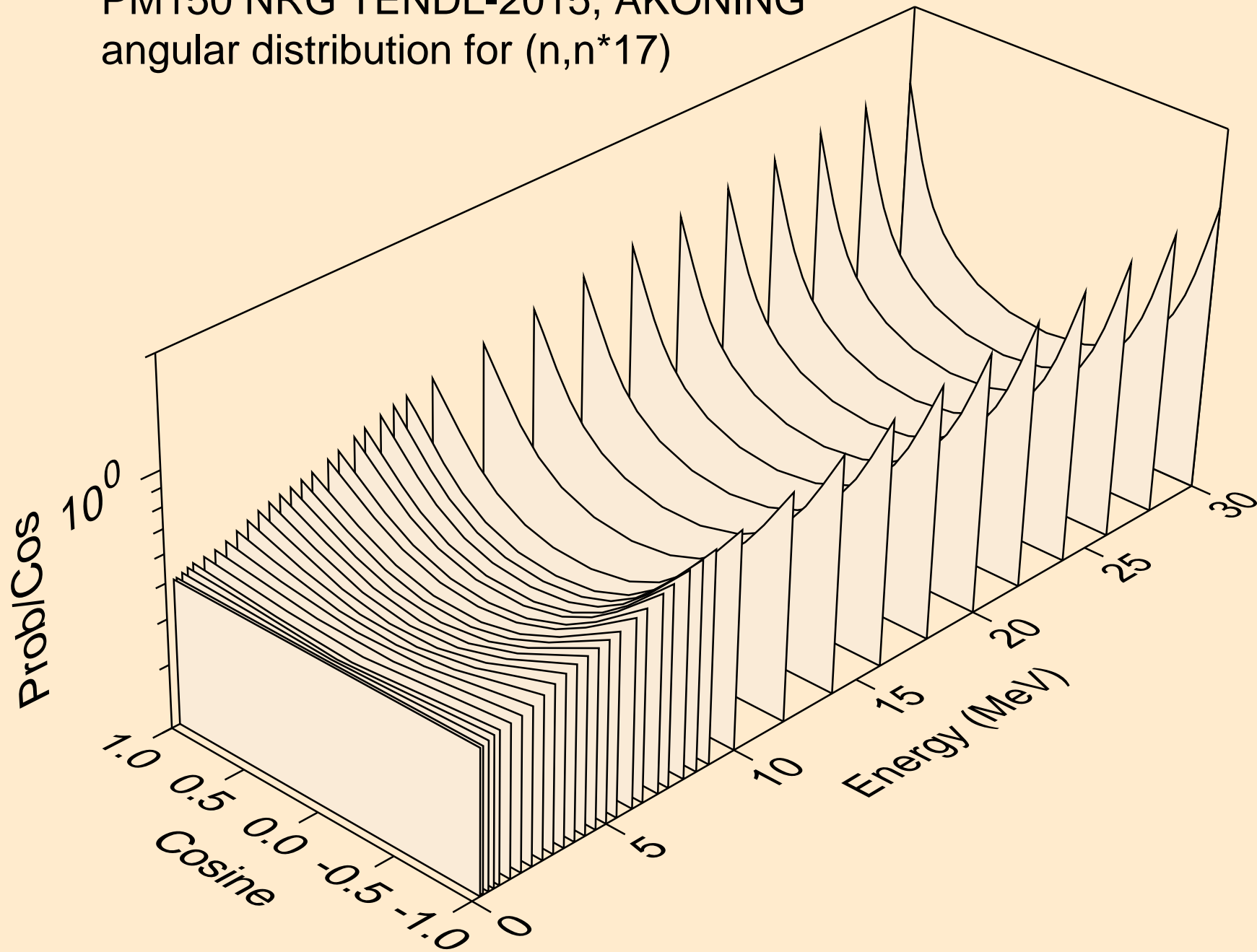
PM150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



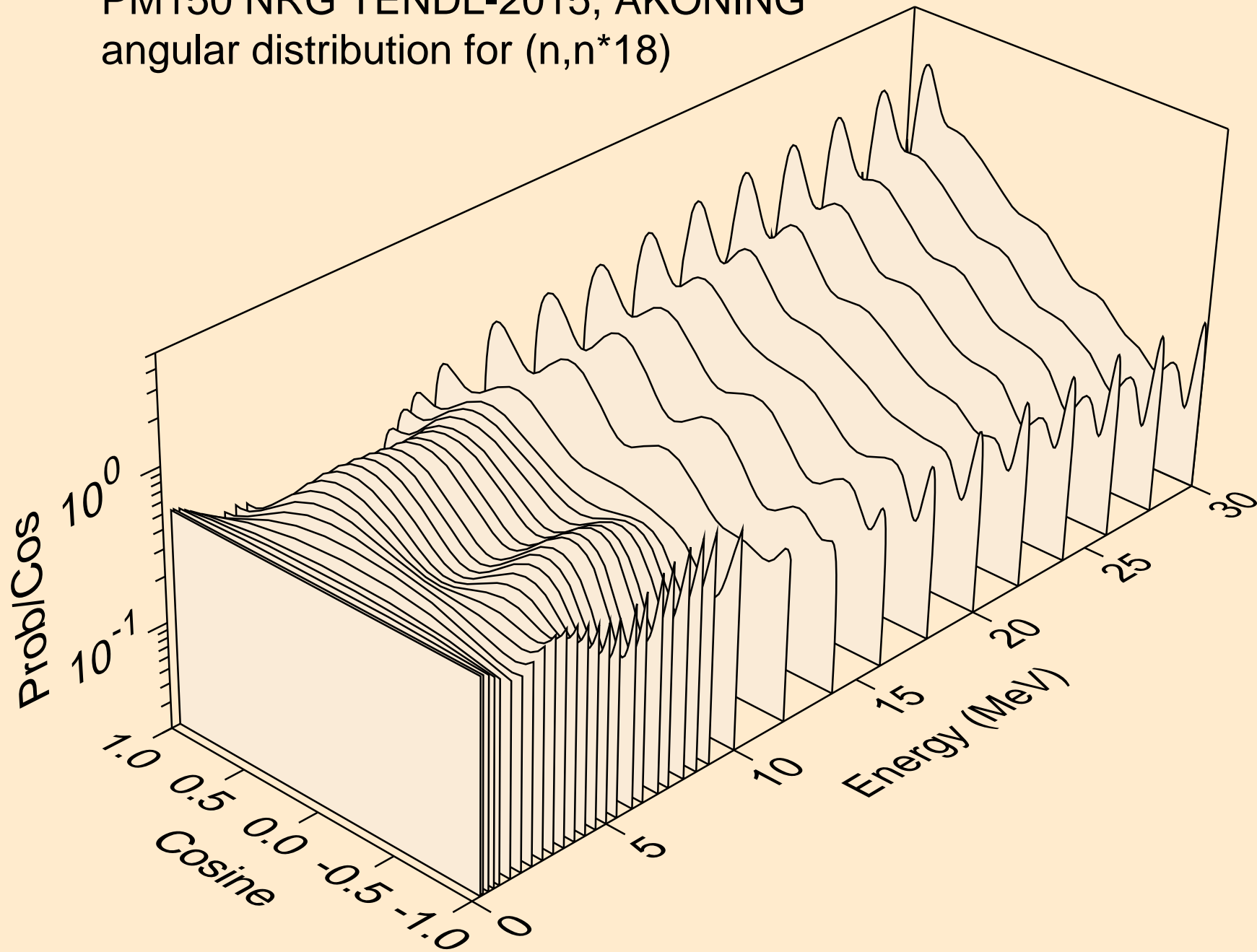
PM150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



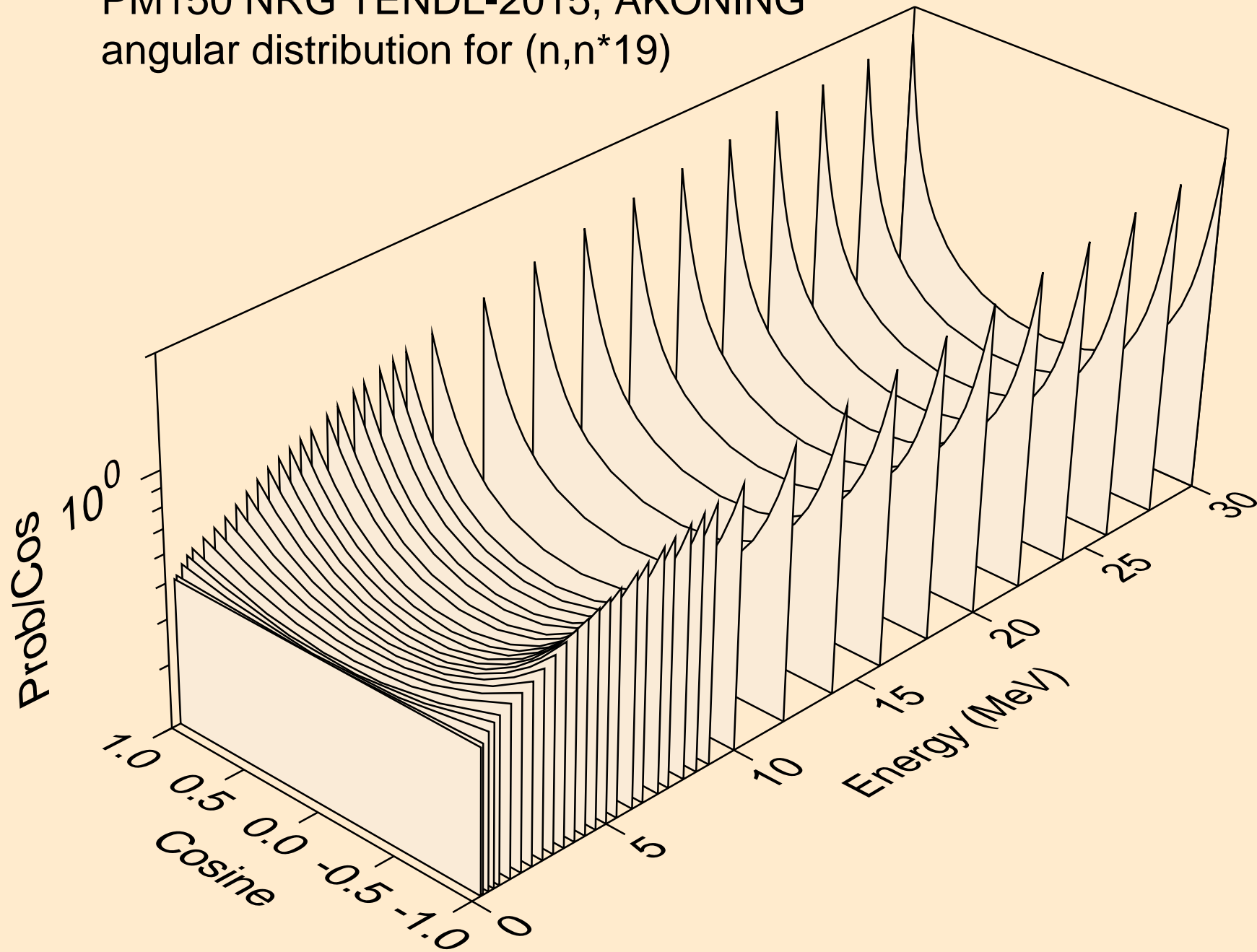
PM150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



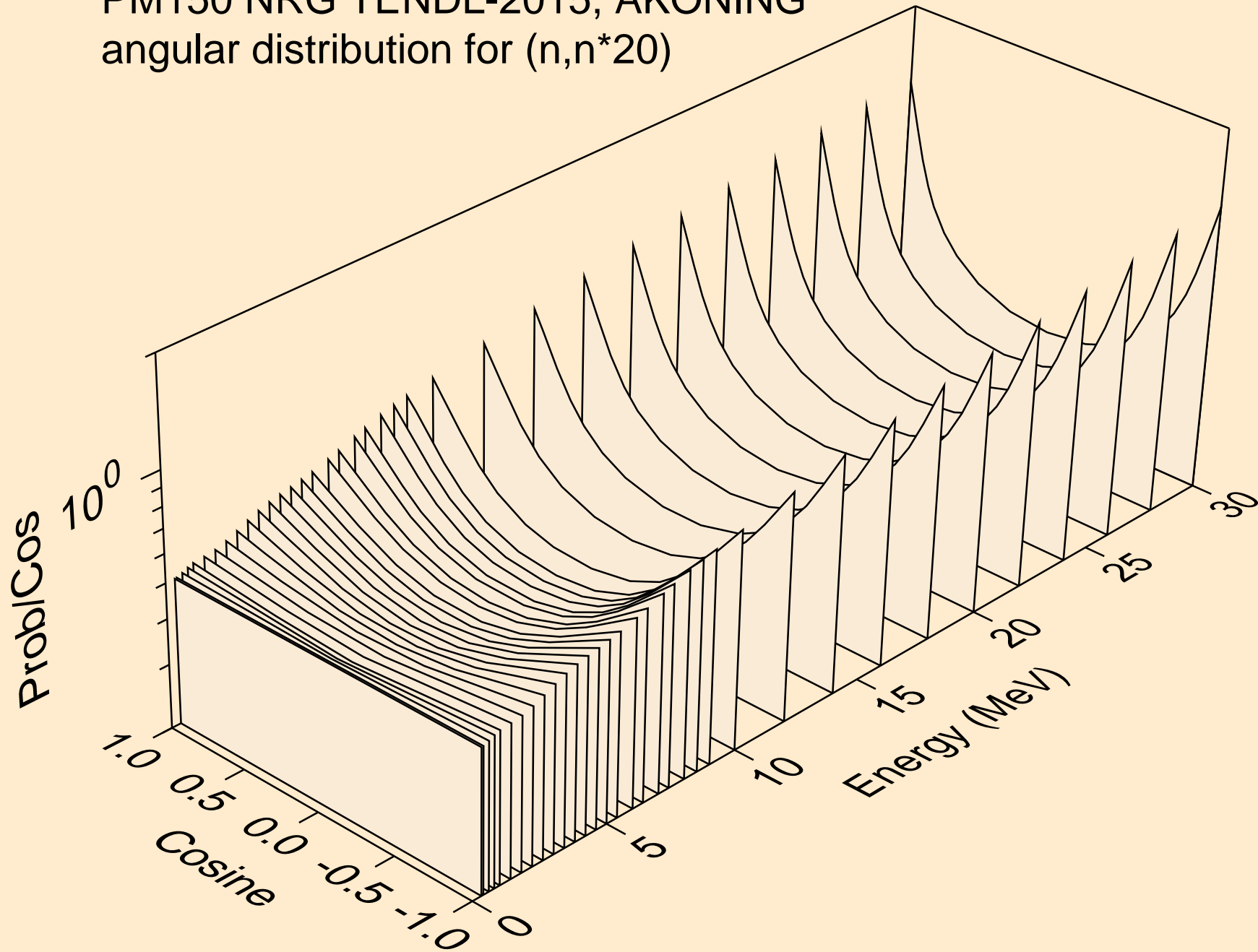
PM150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



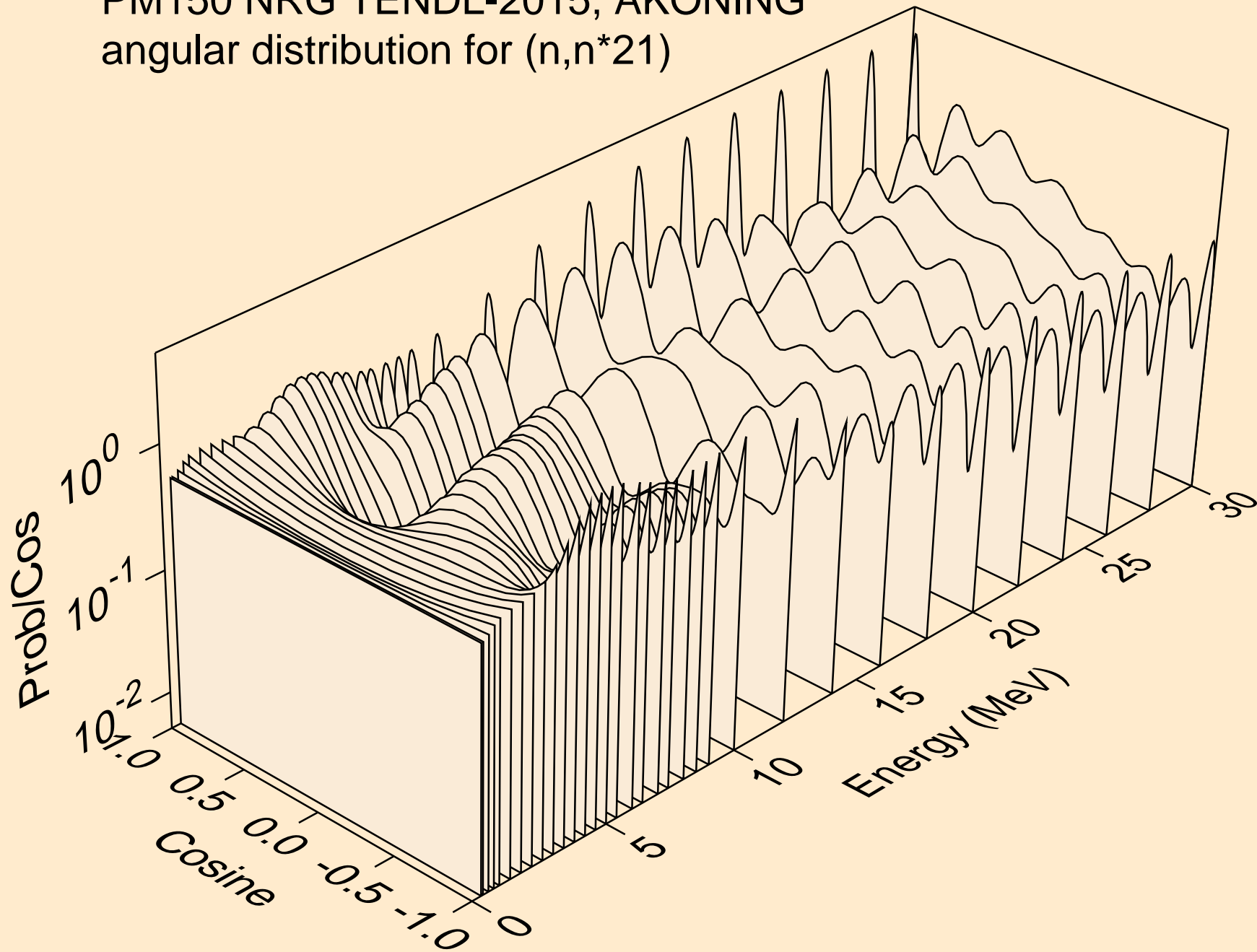
PM150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



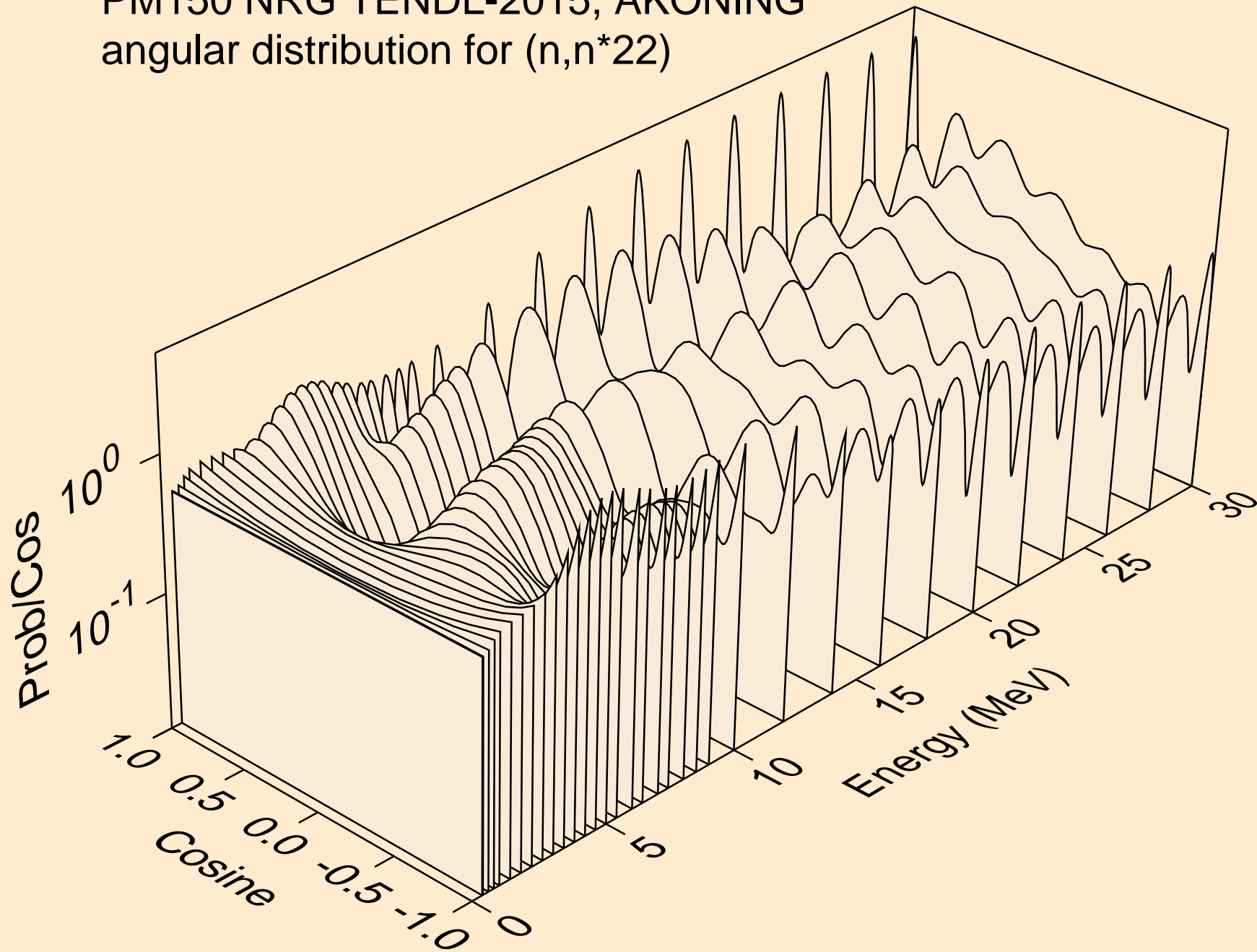
PM150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



PM150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

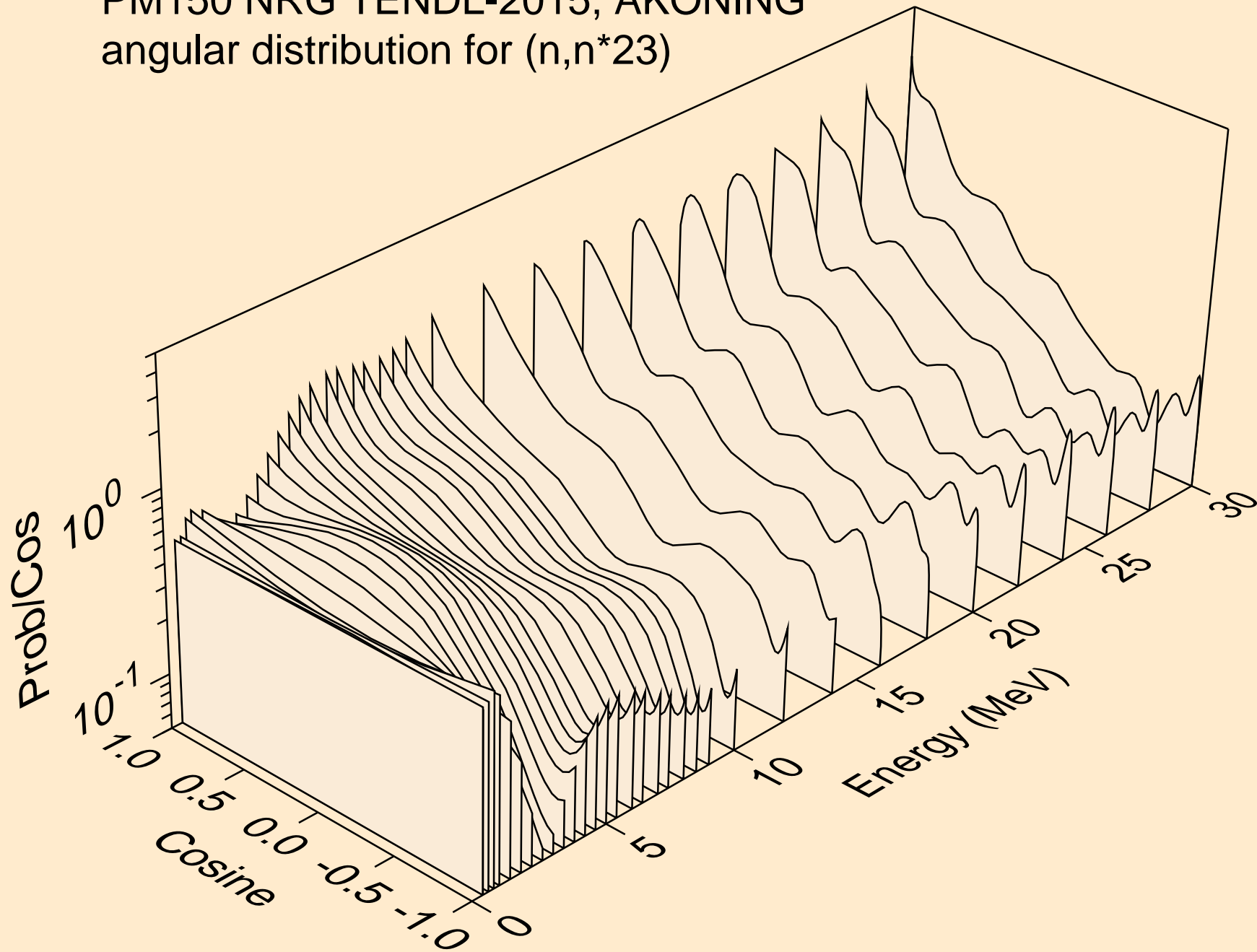


PM150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

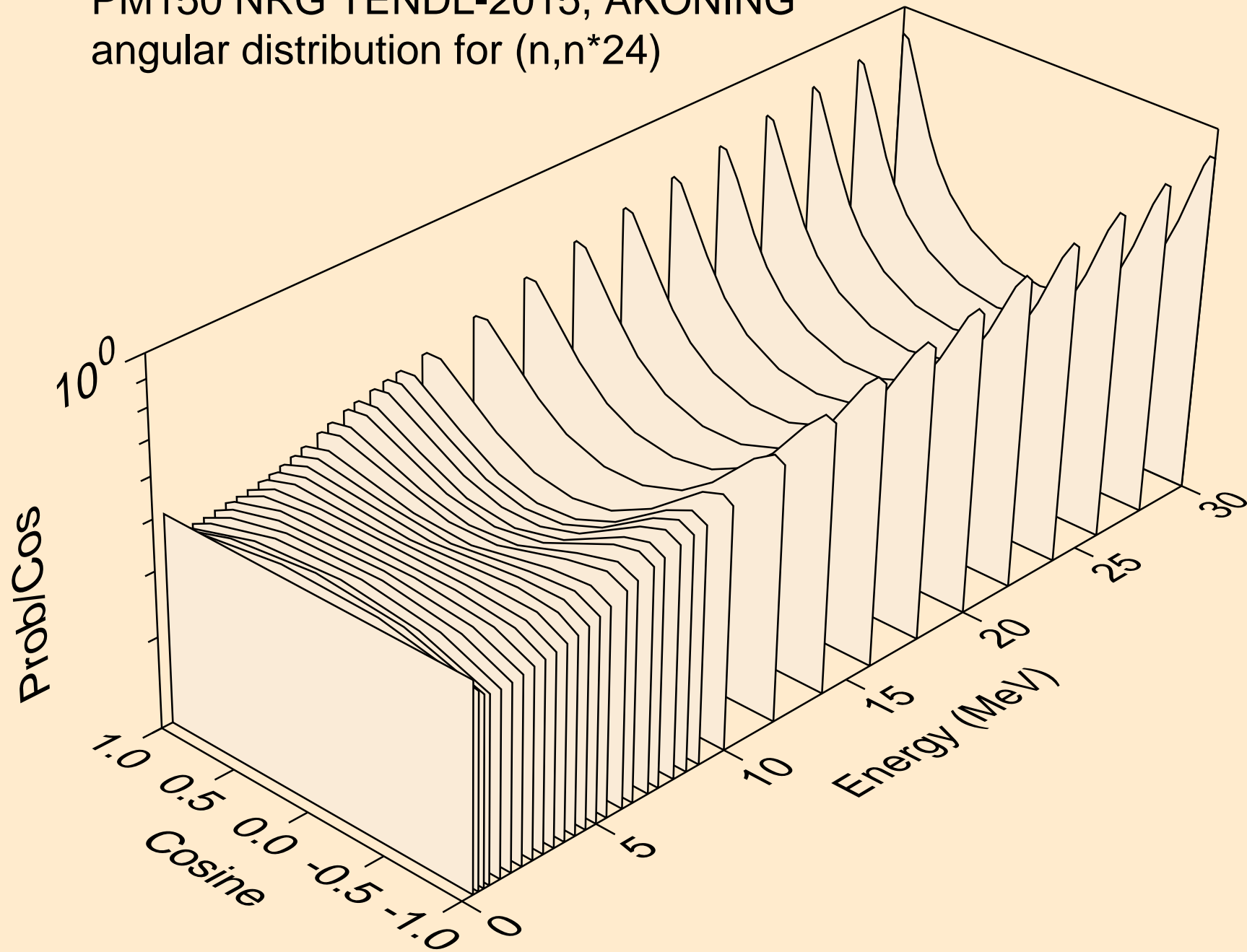




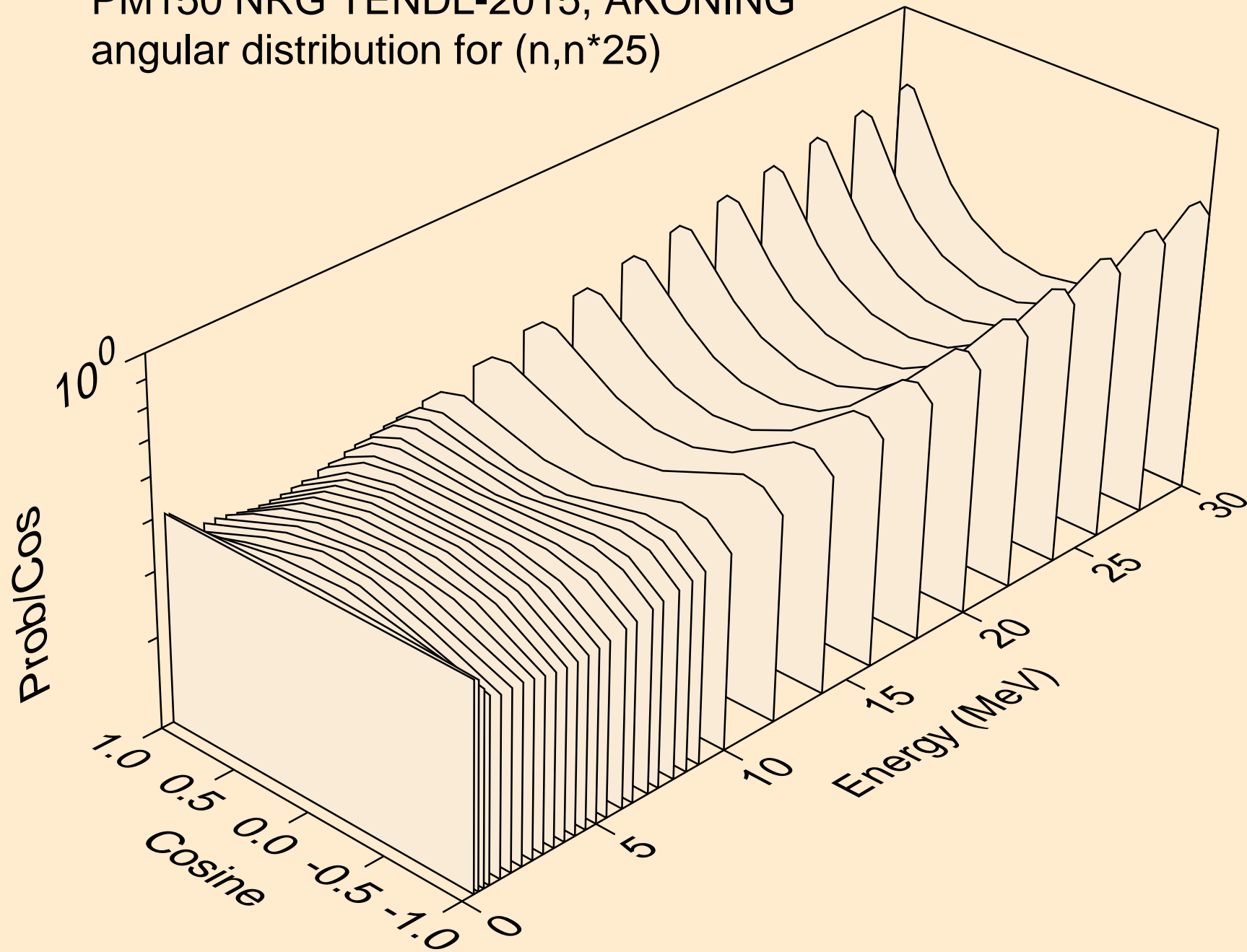
PM150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



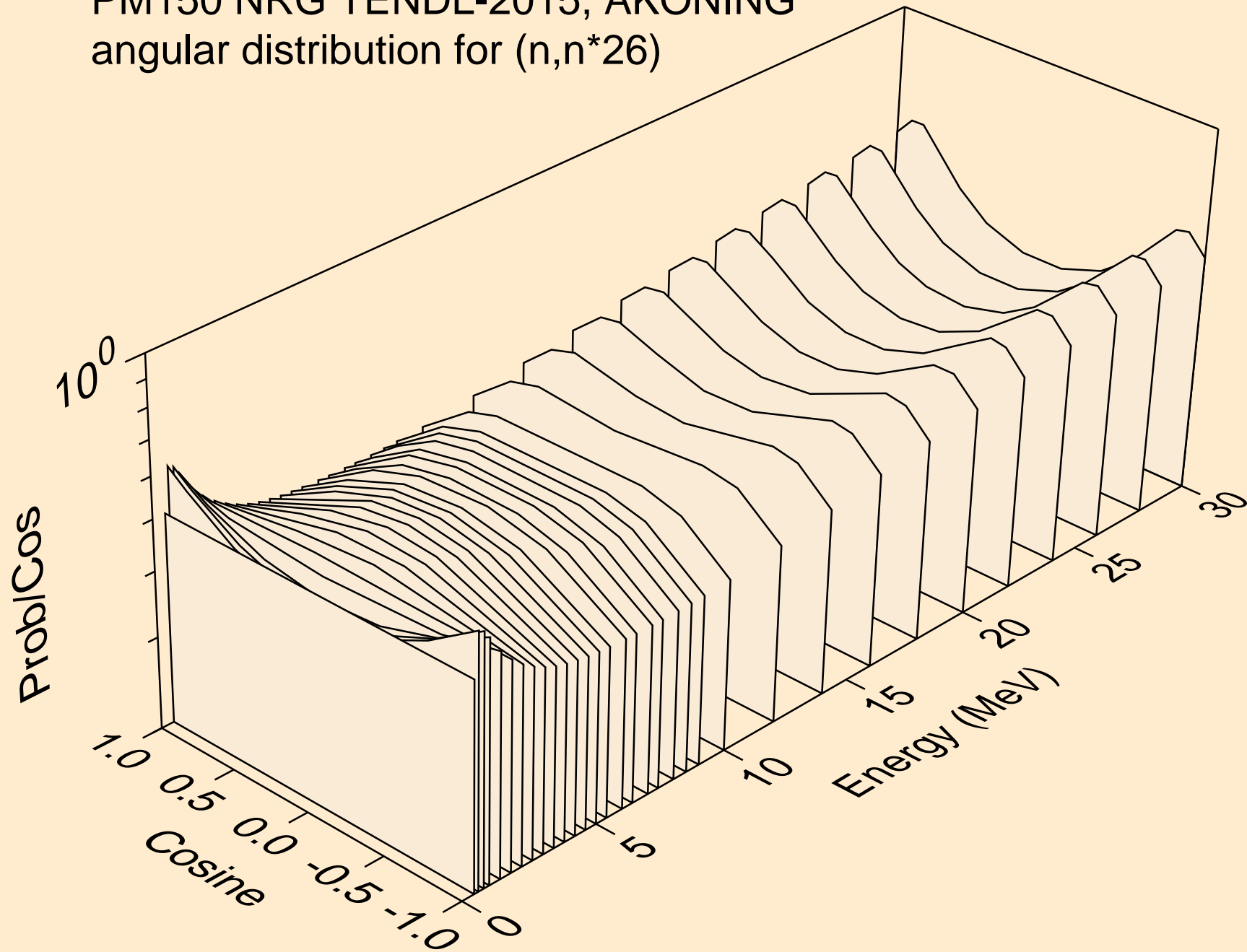
PM150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



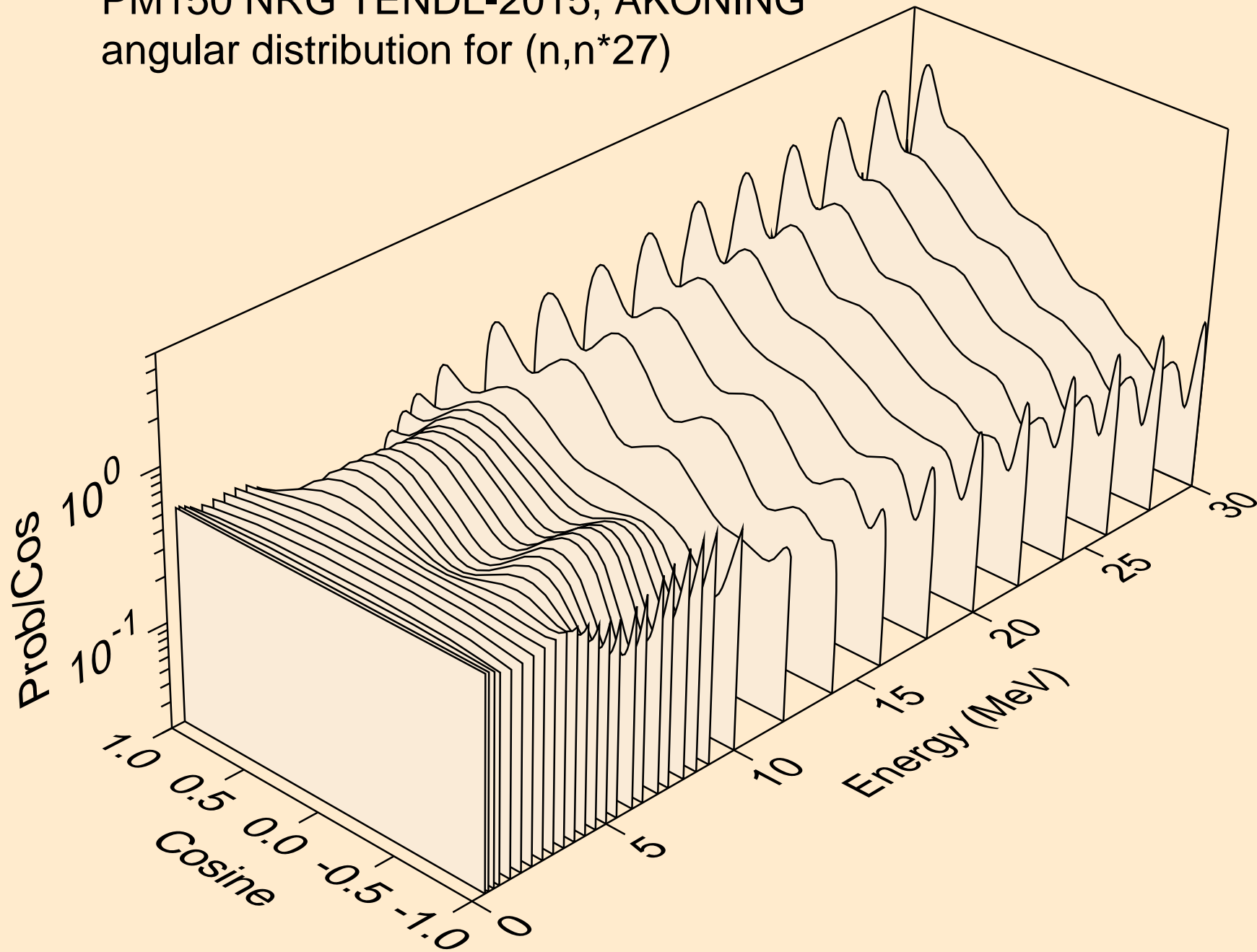
PM150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



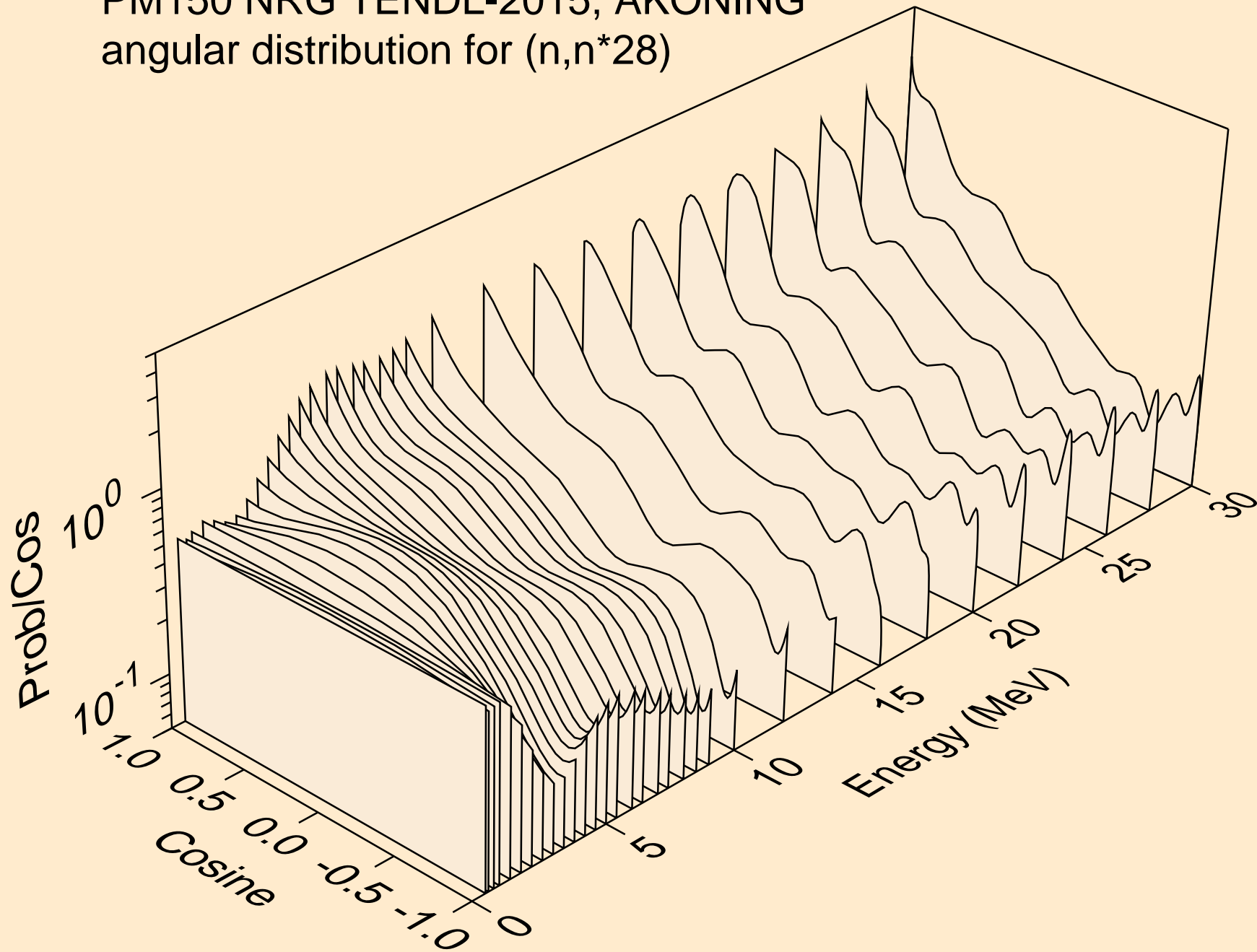
PM150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



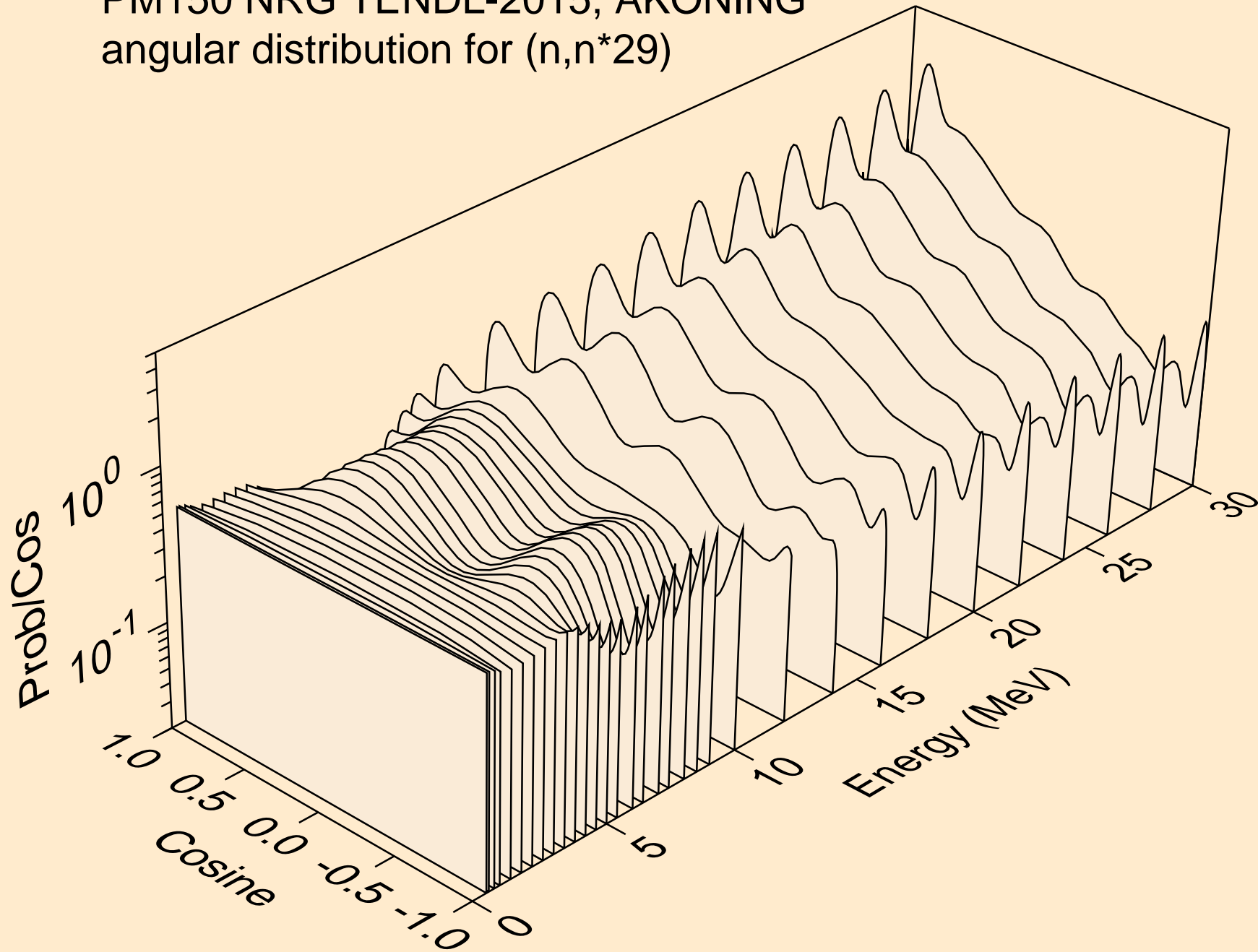
PM150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



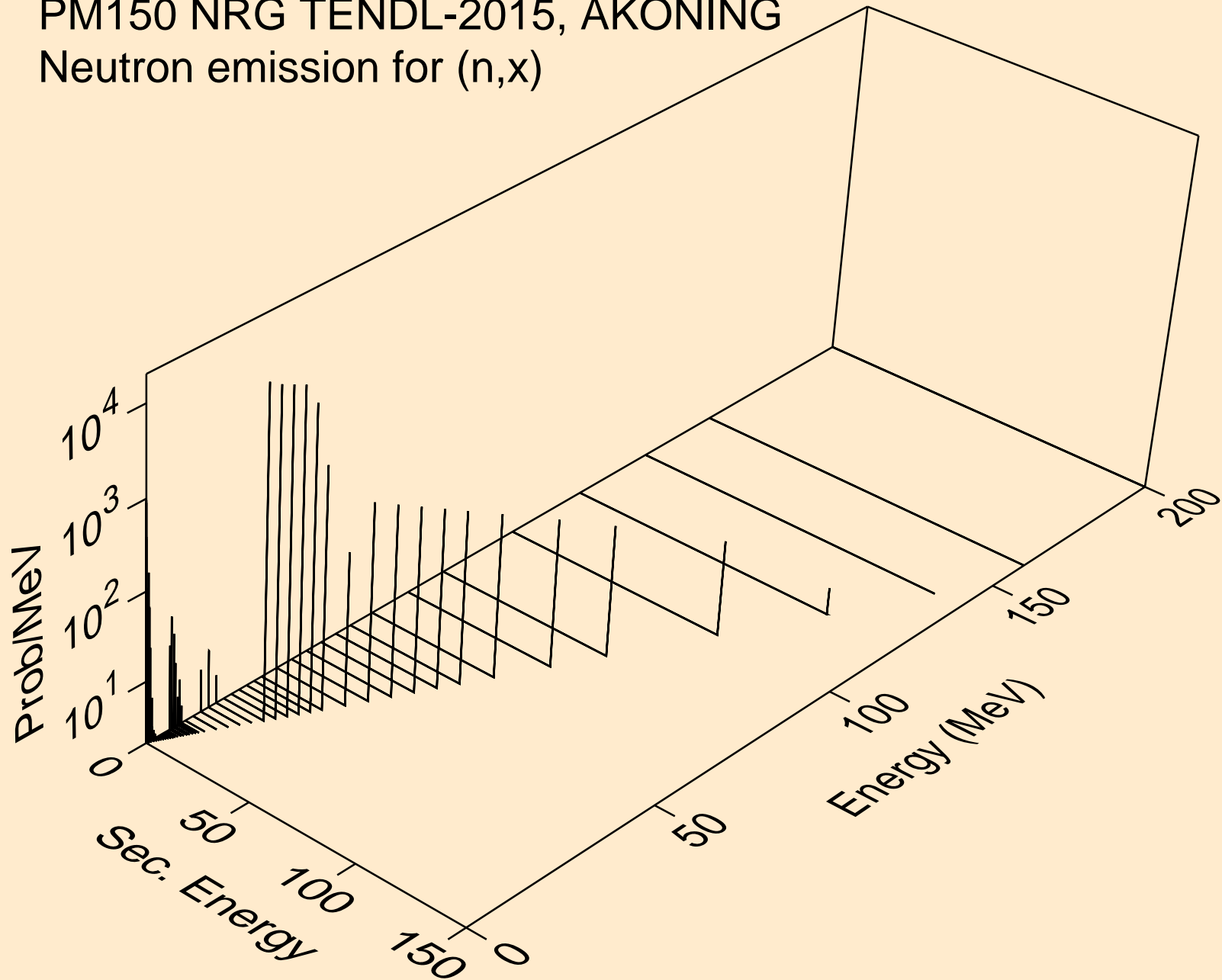
PM150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



PM150 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

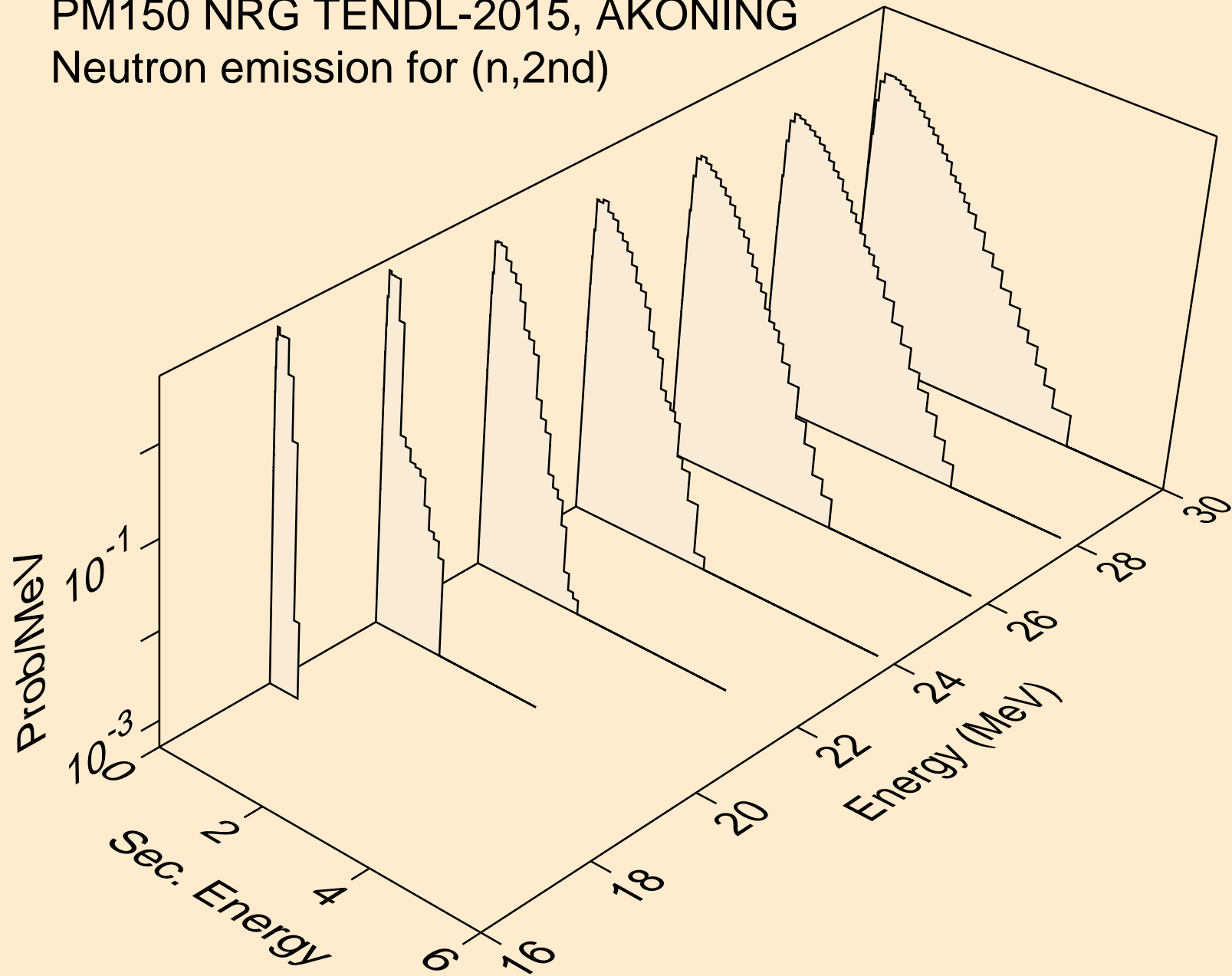


PM150 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

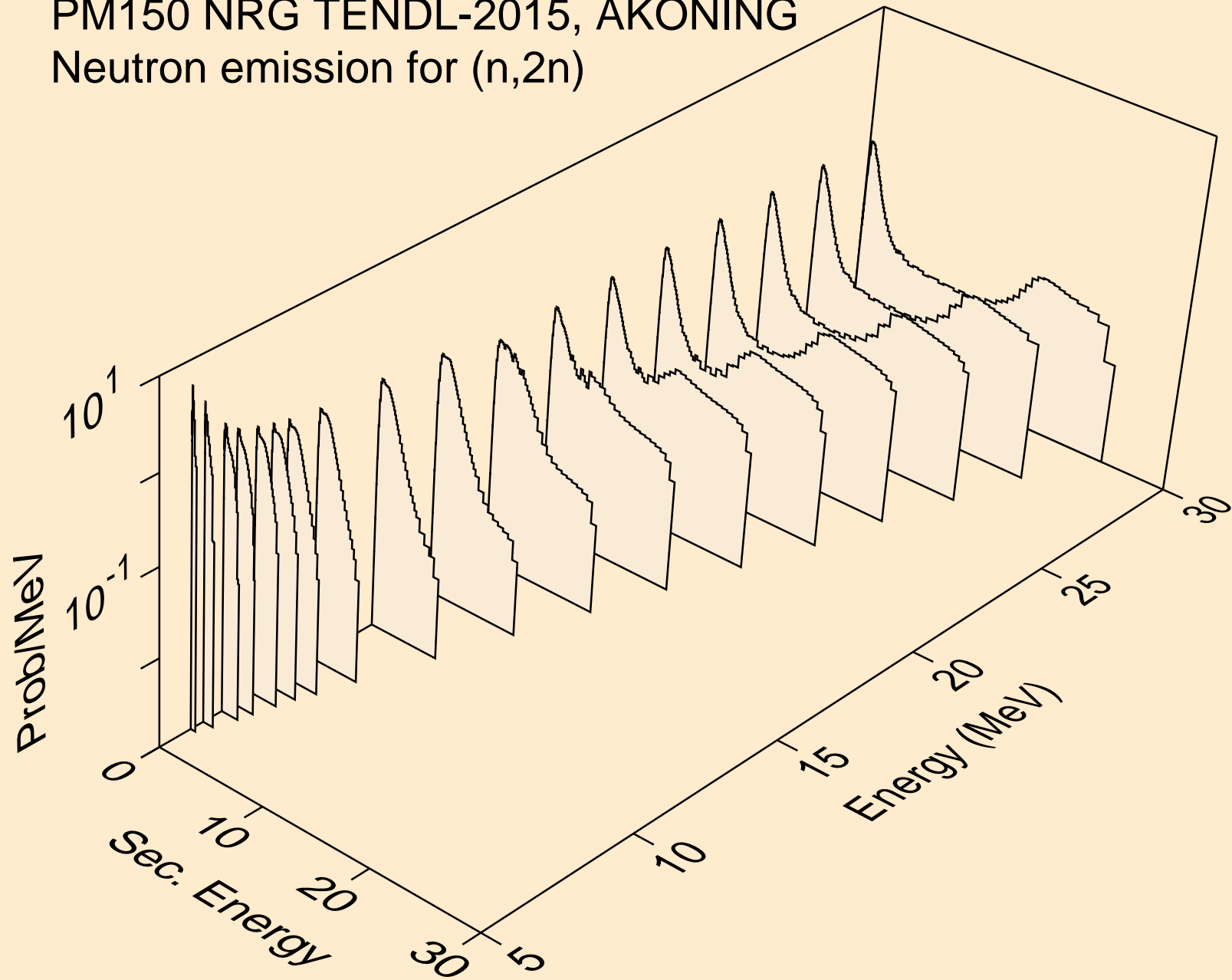




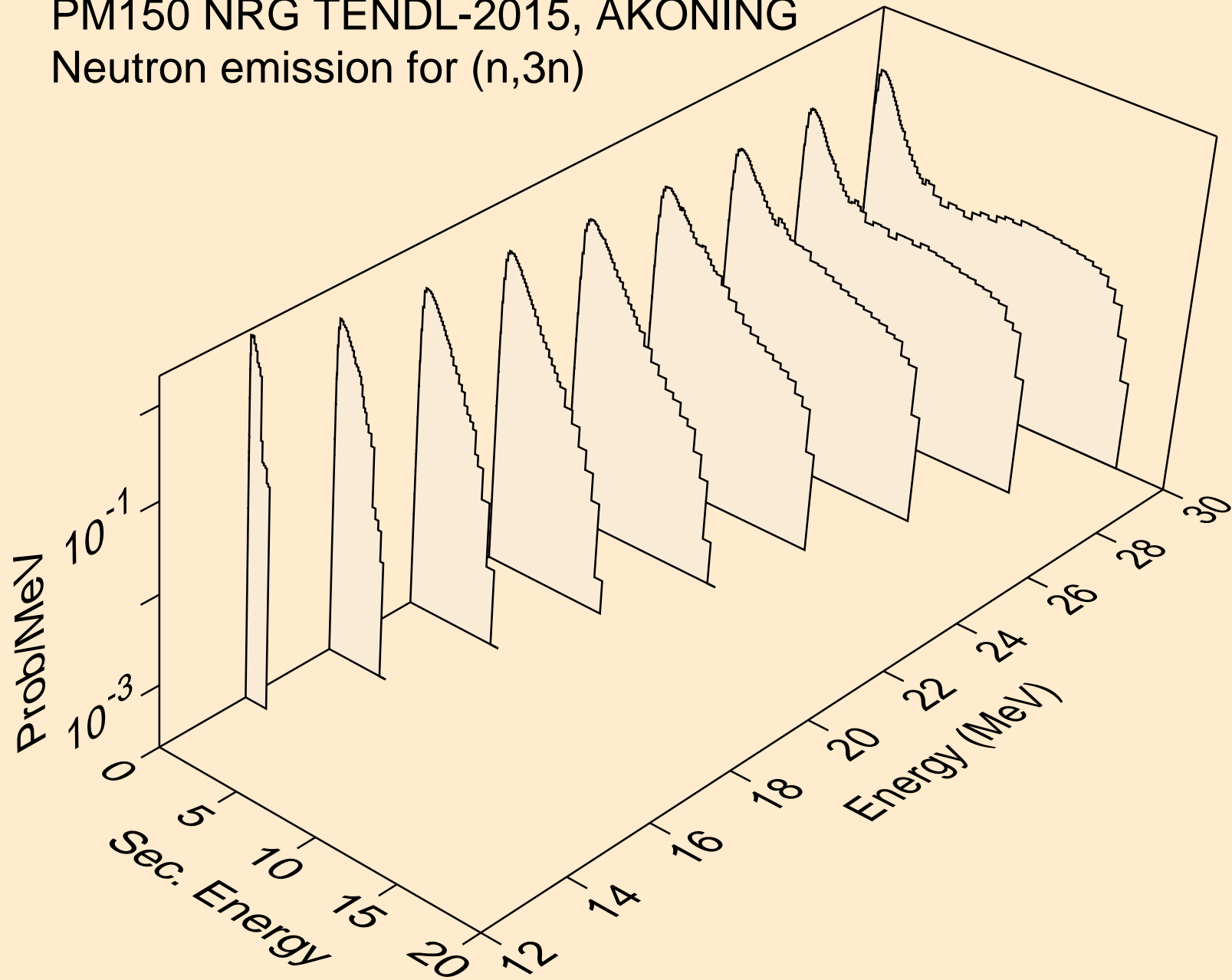
PM150 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



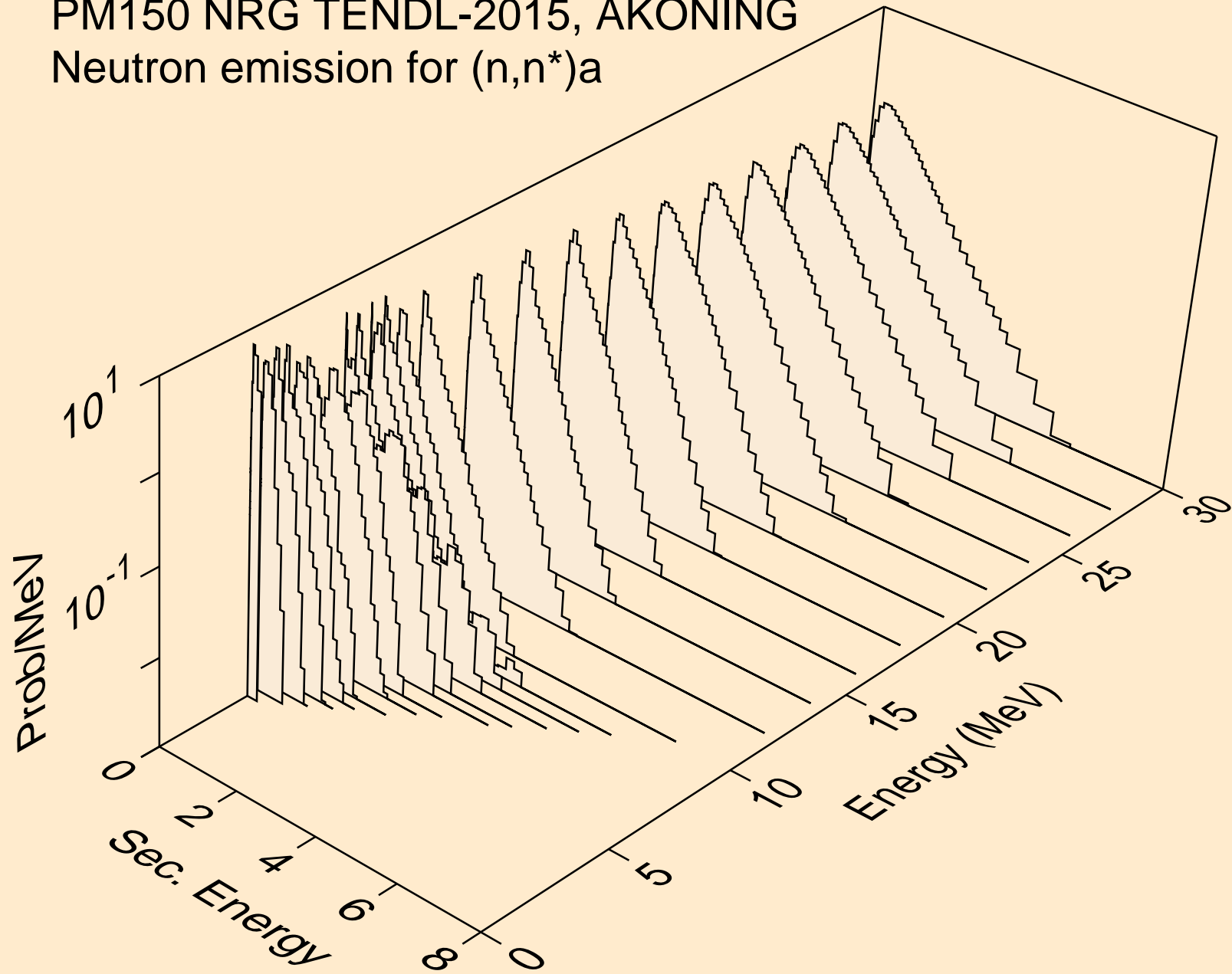
PM150 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



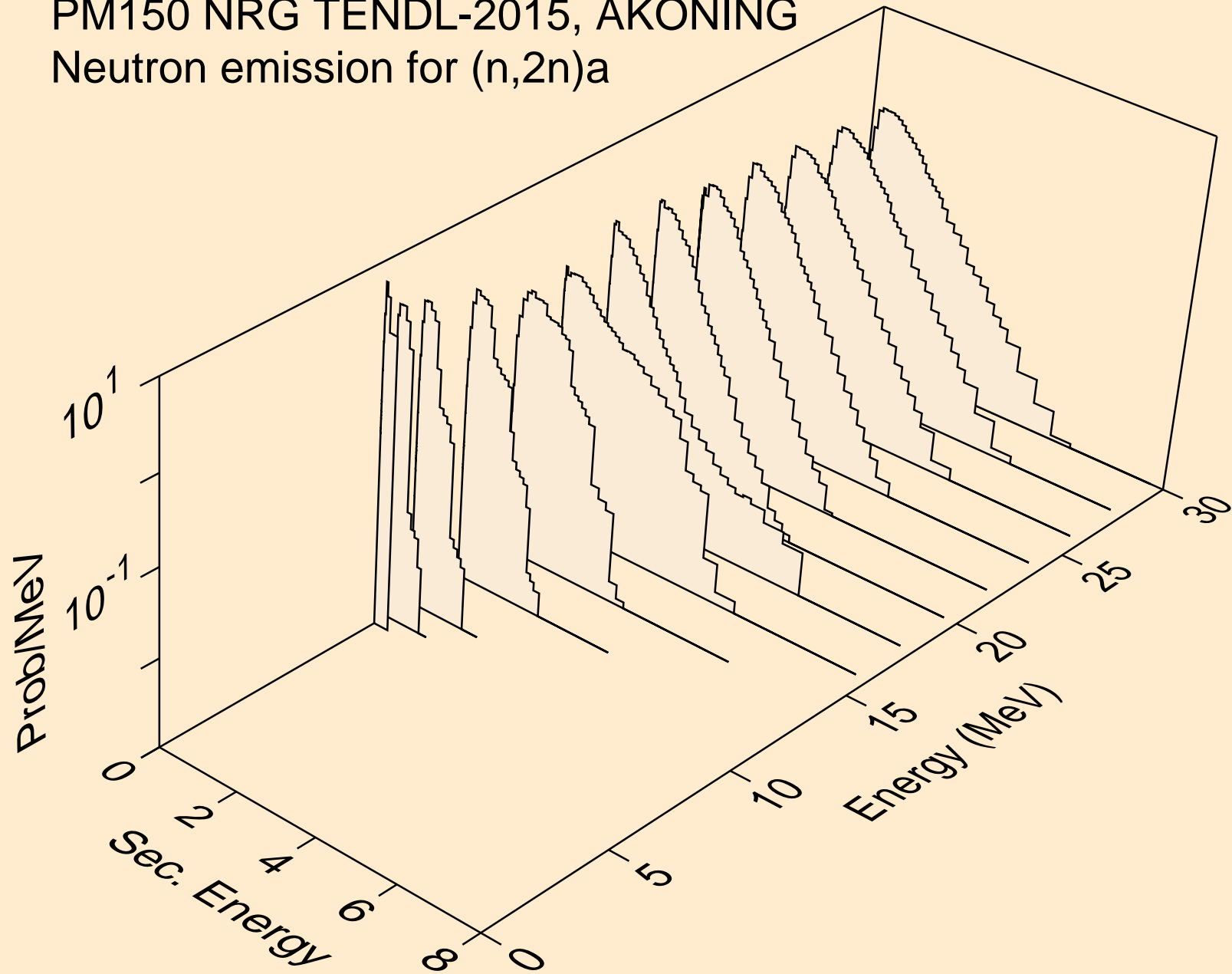
PM150 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



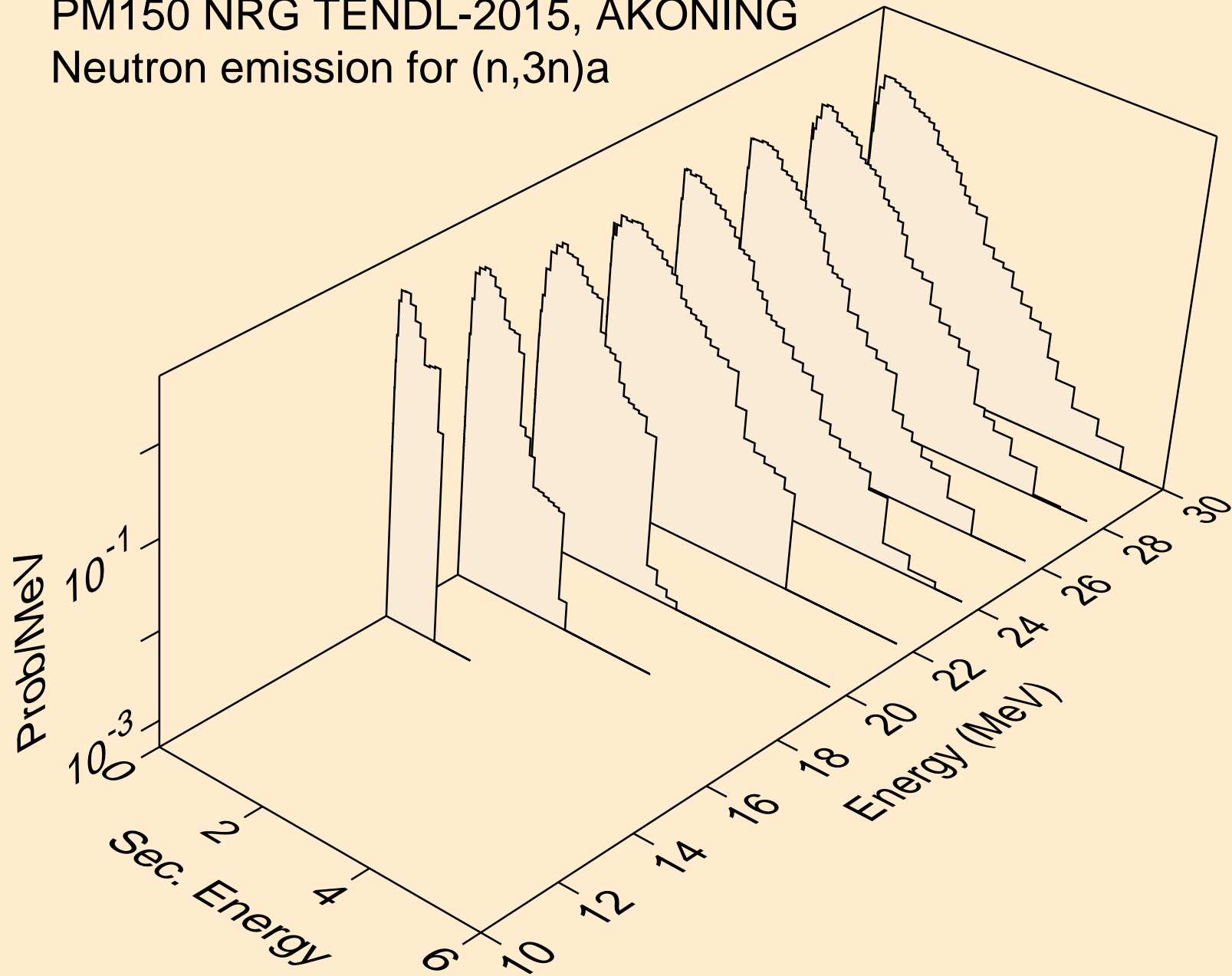
PM150 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



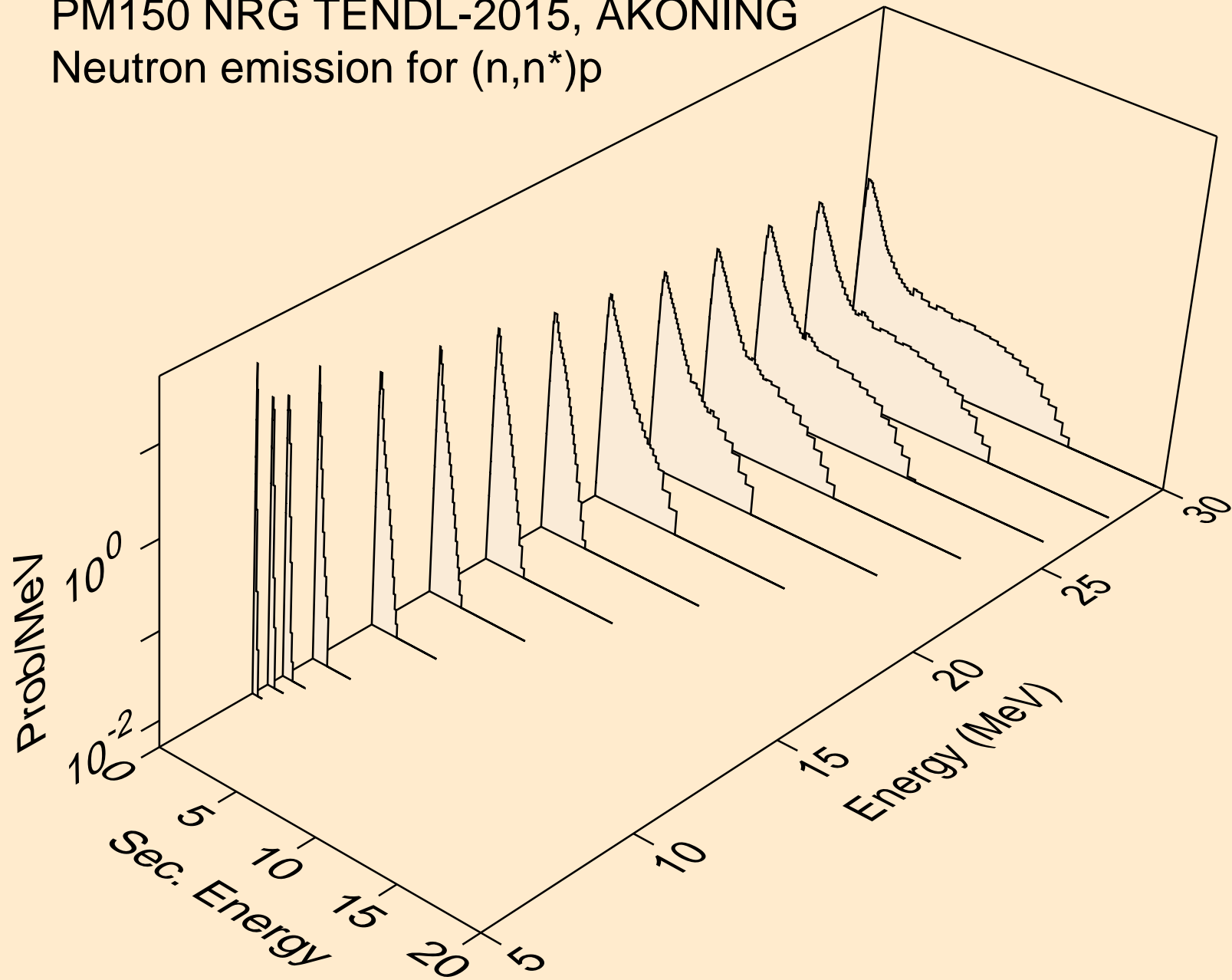
PM150 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



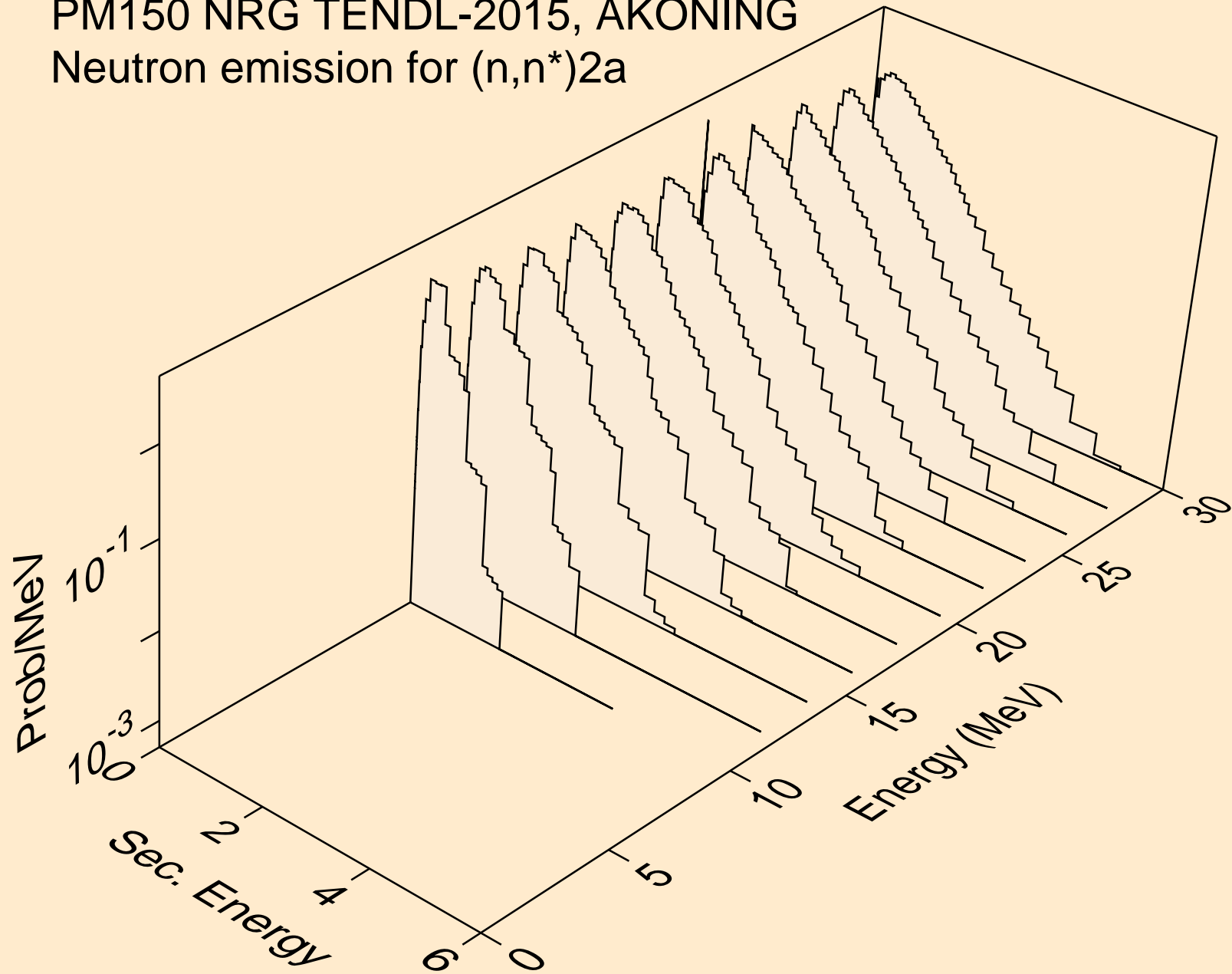
PM150 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



PM150 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

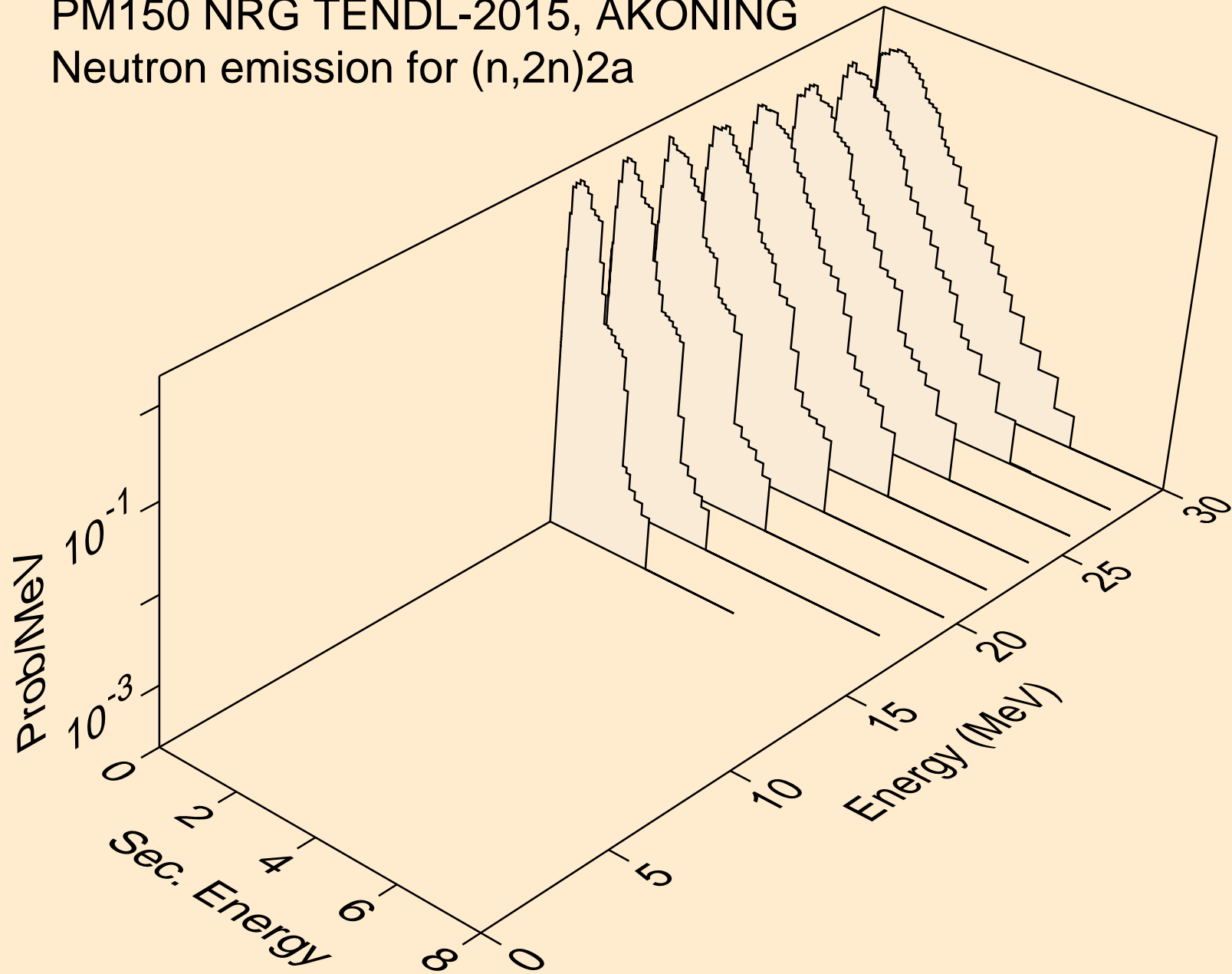


PM150 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

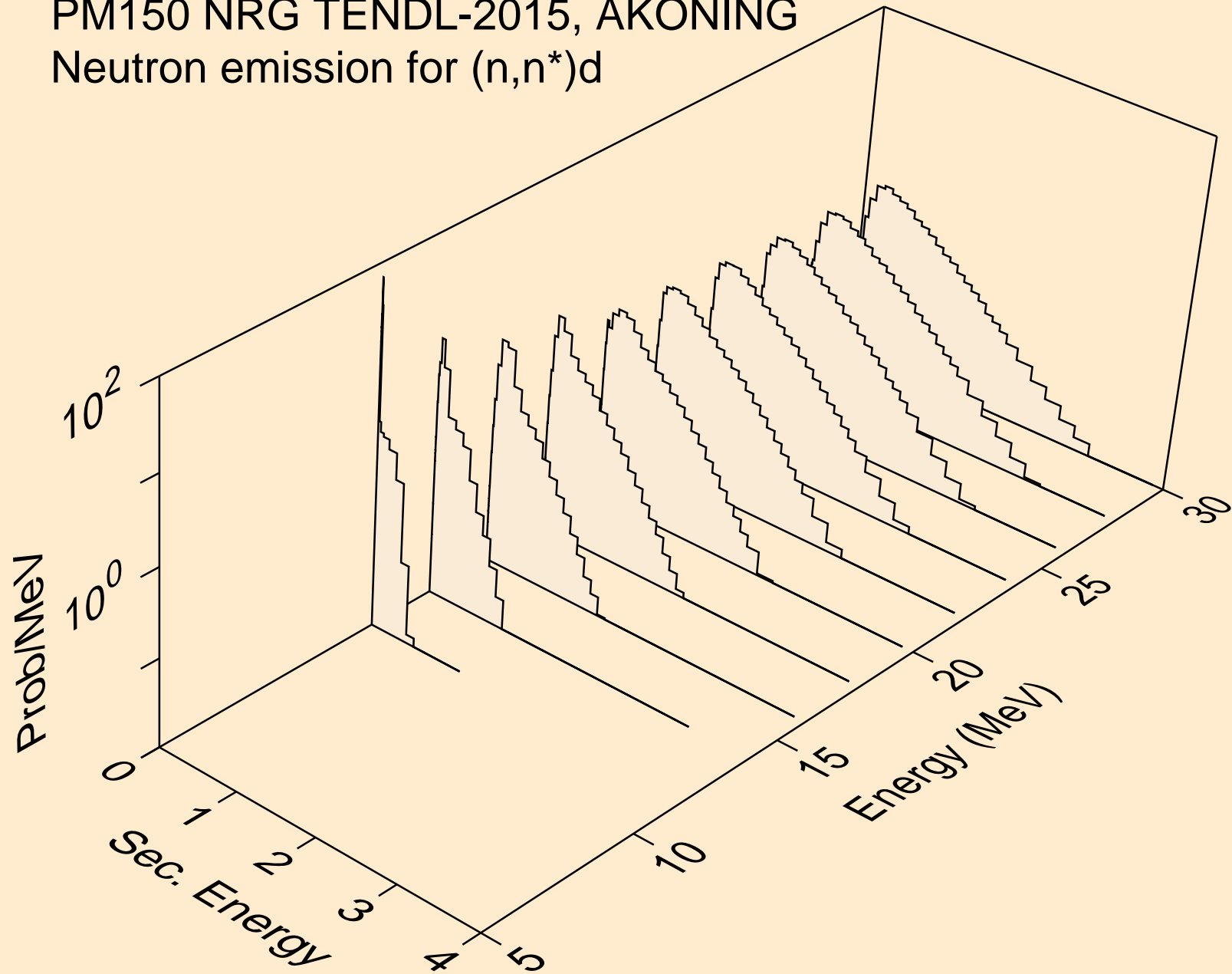




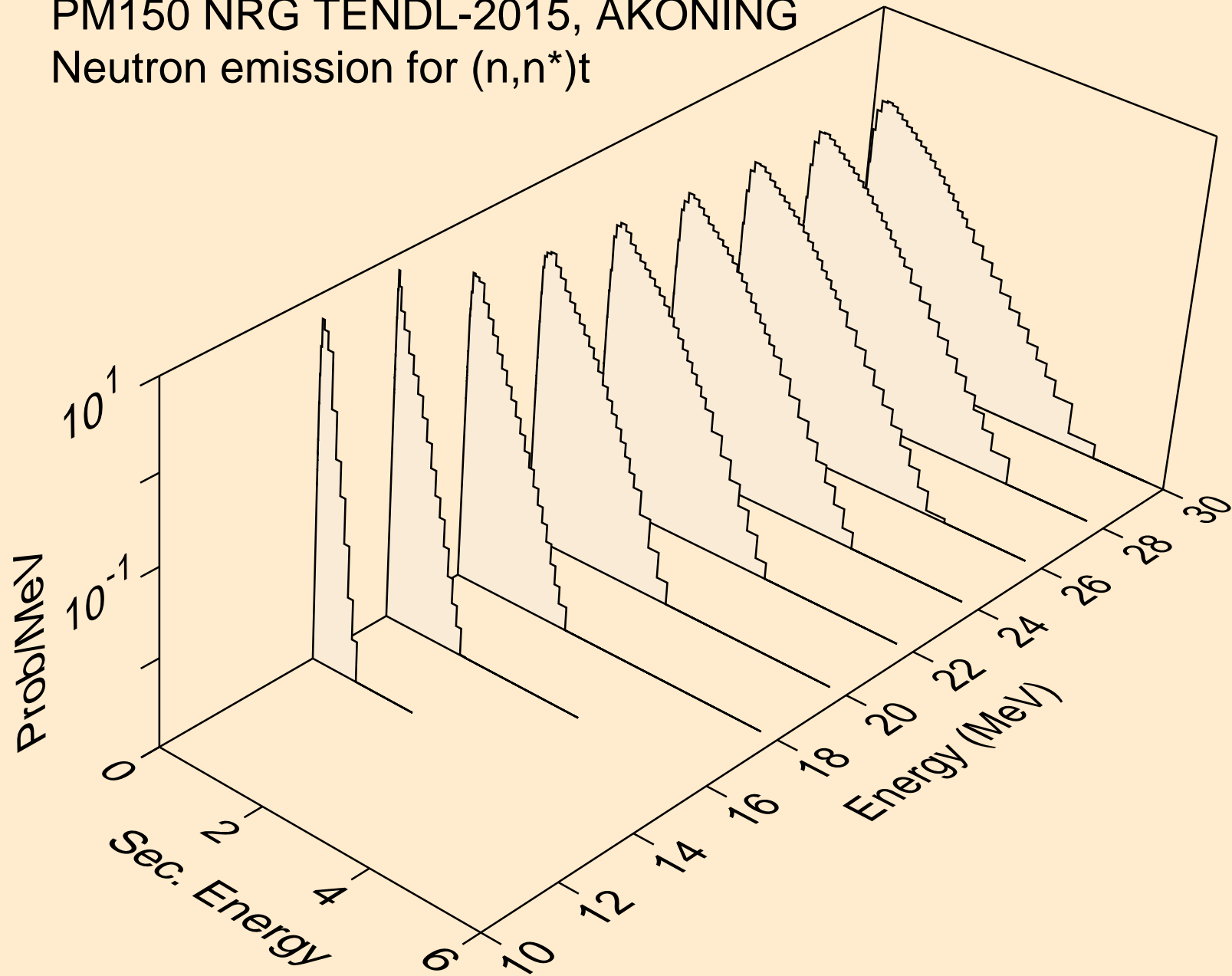
PM150 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



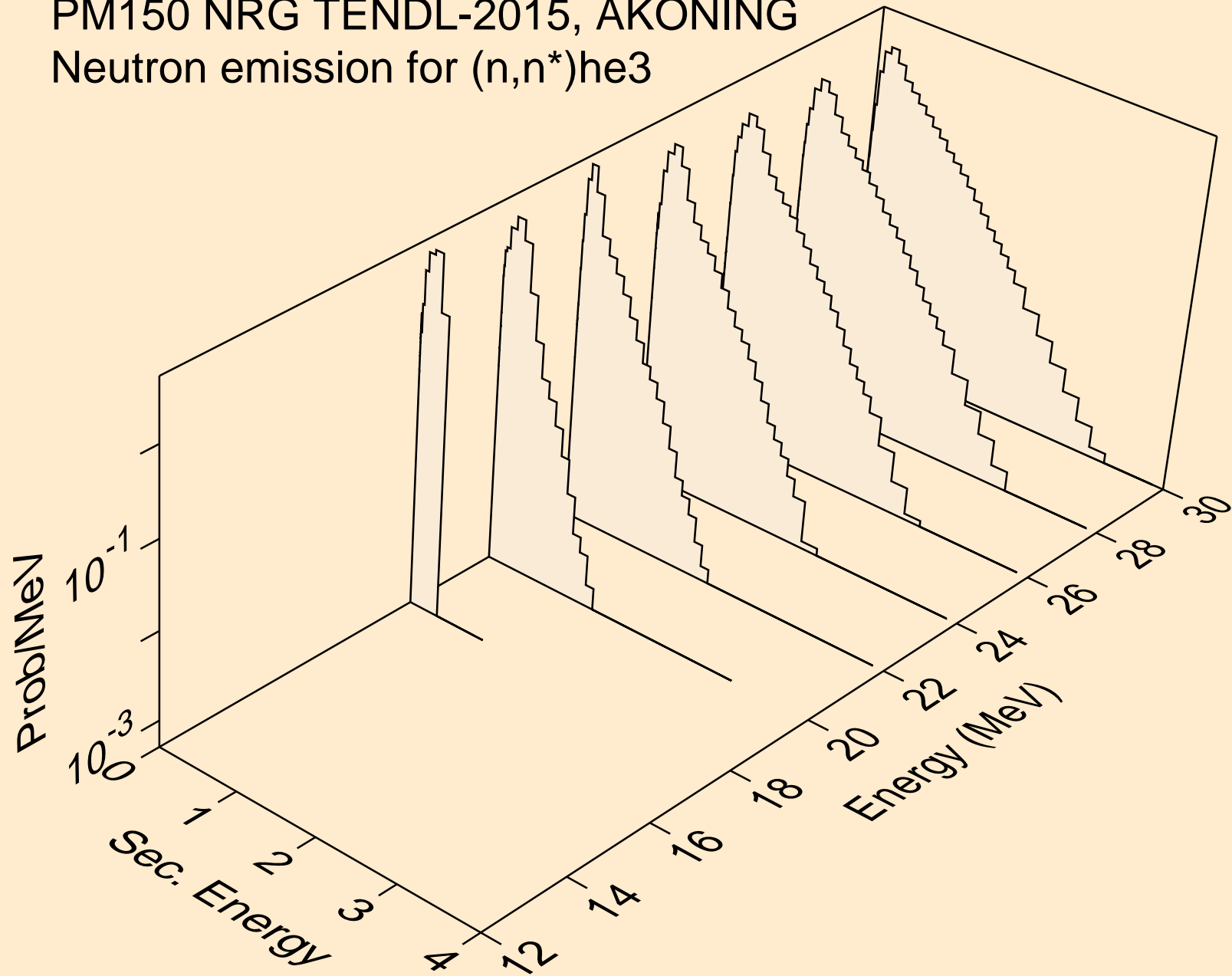
PM150 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



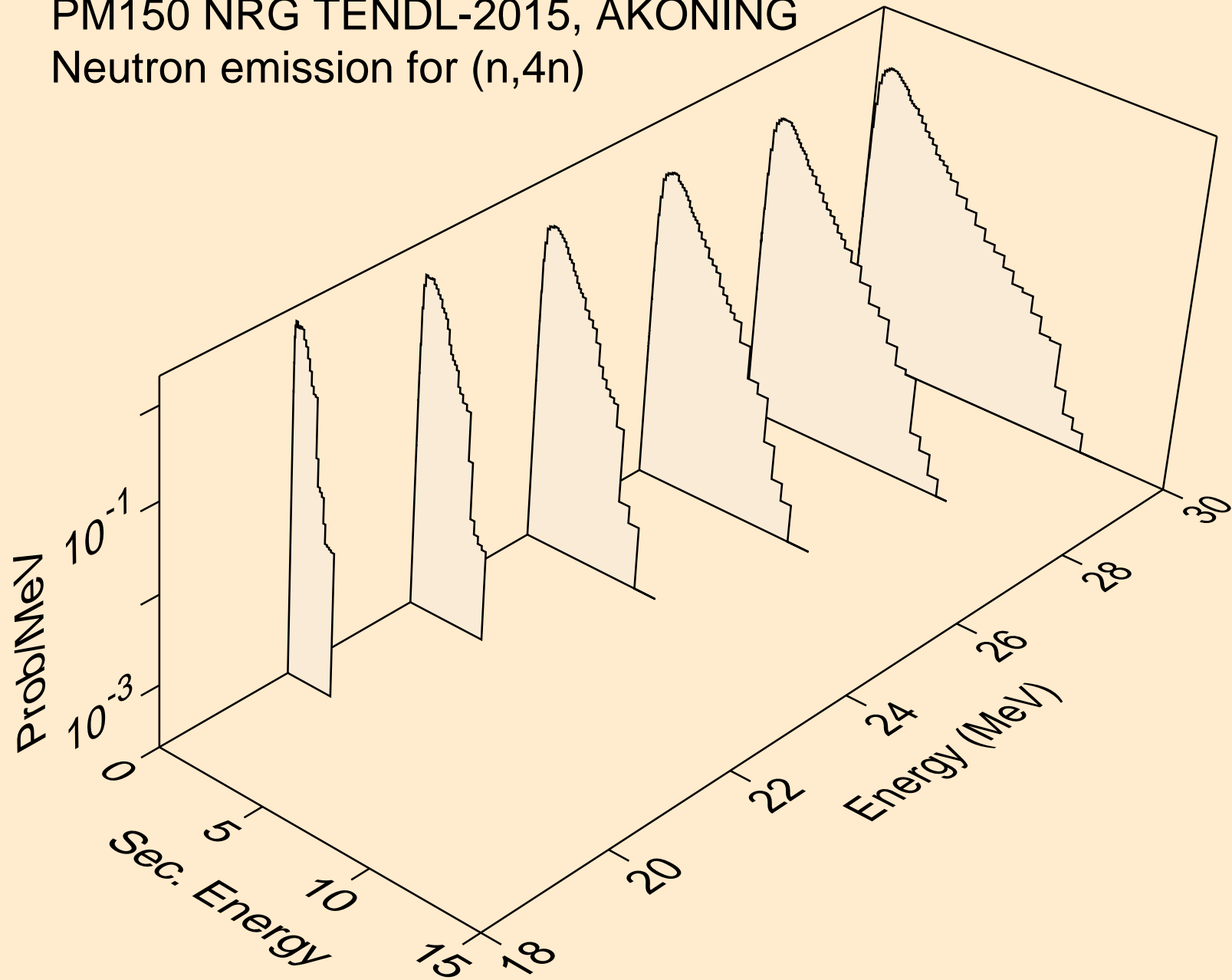
PM150 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



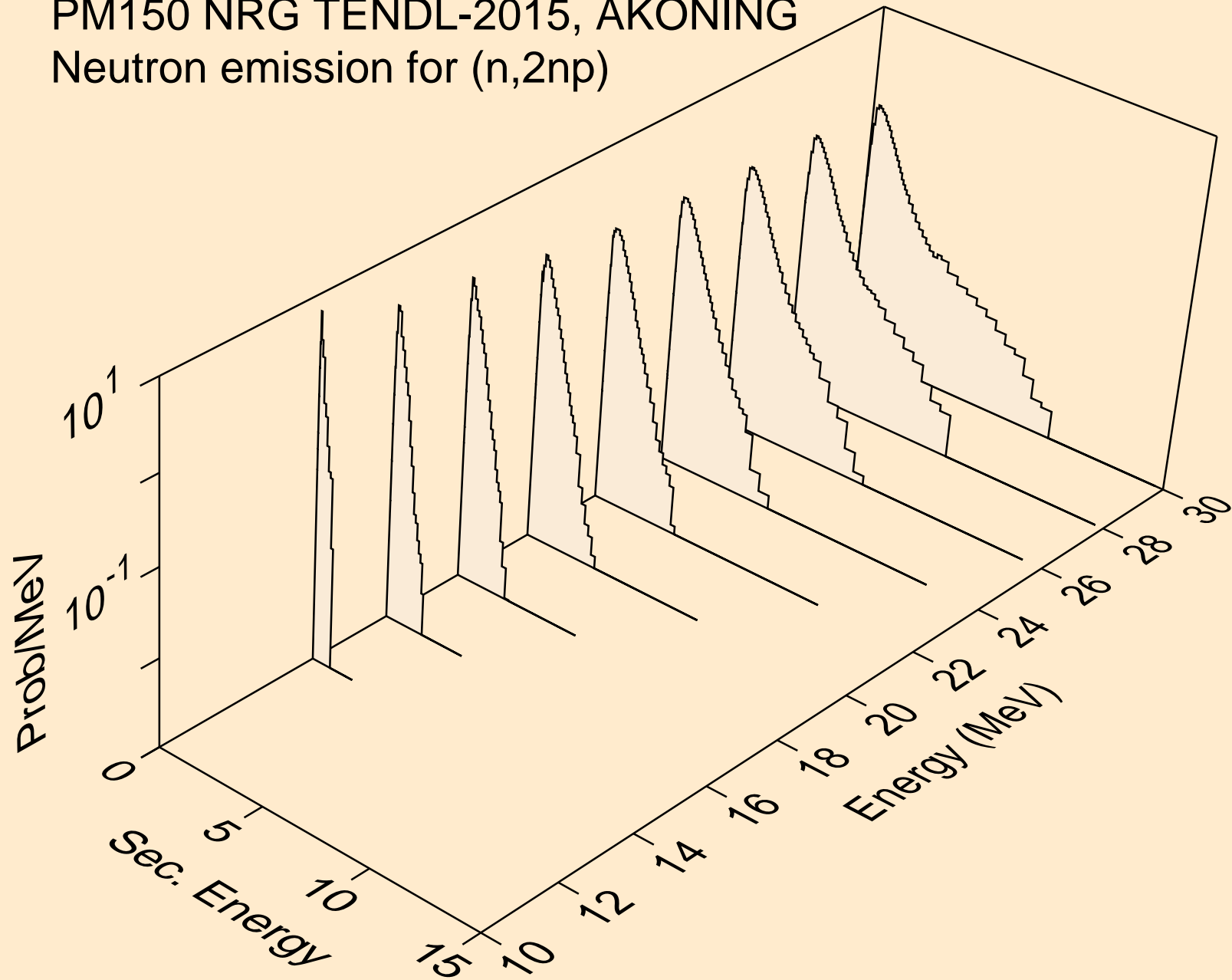
PM150 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



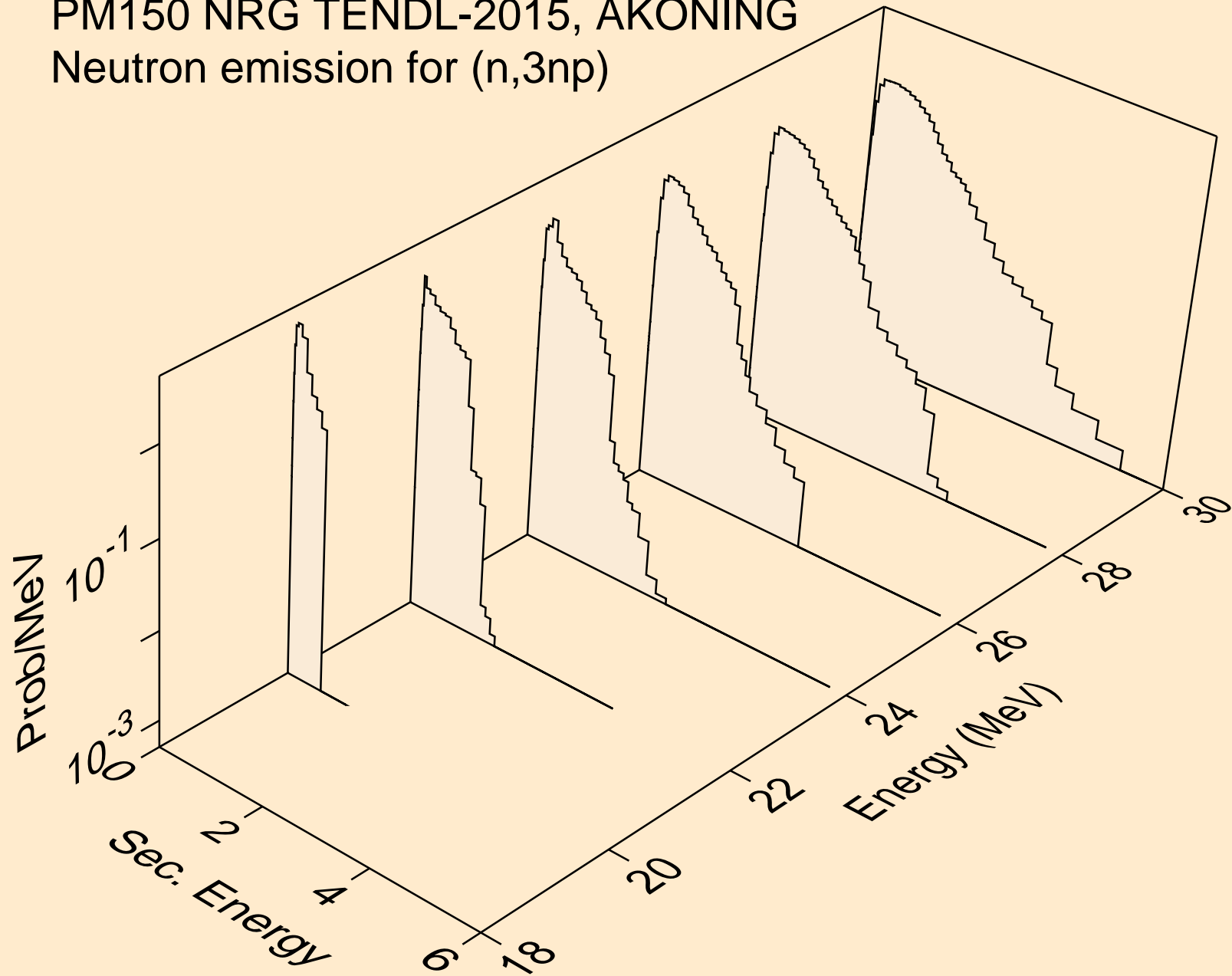
PM150 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



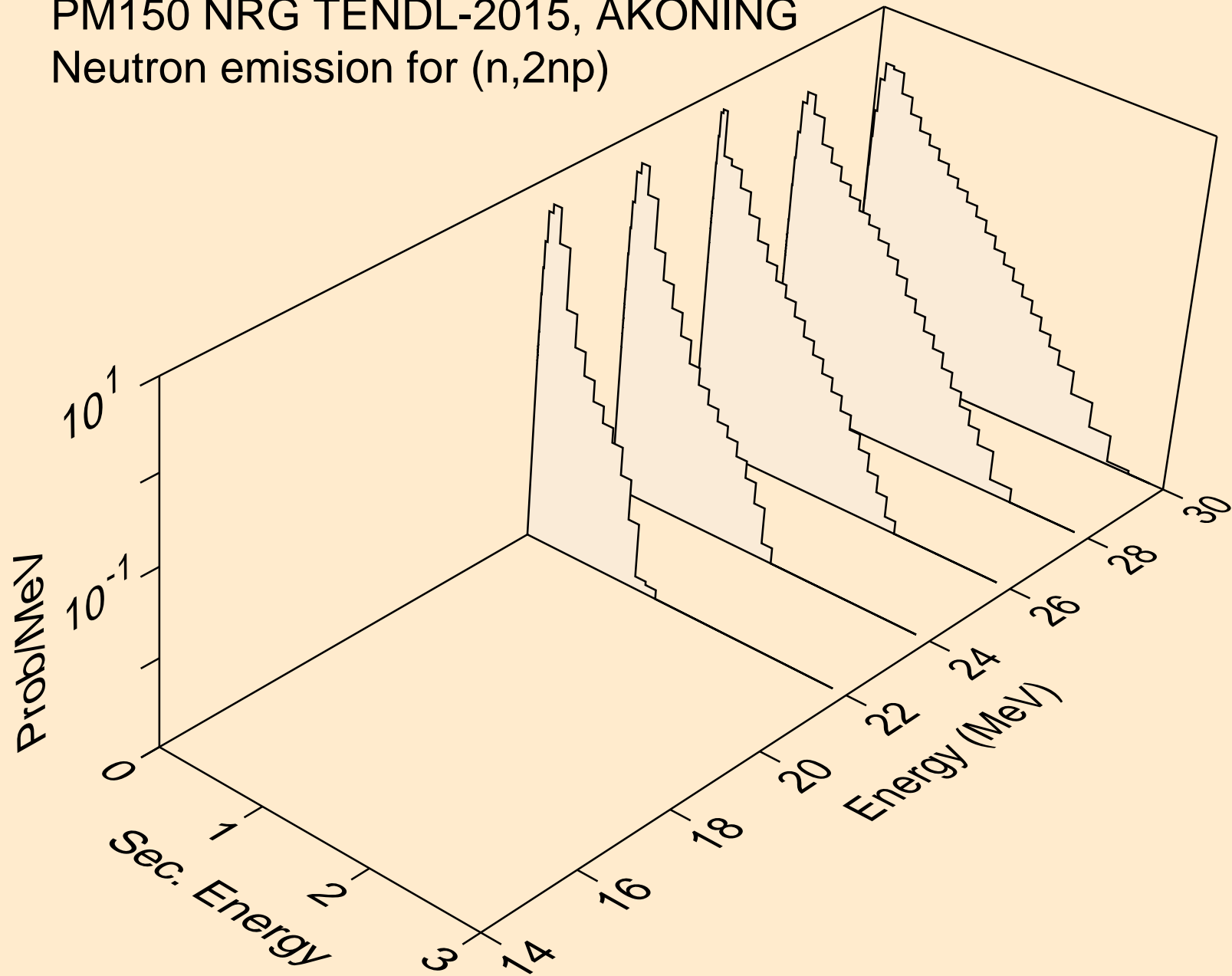
PM150 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



PM150 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

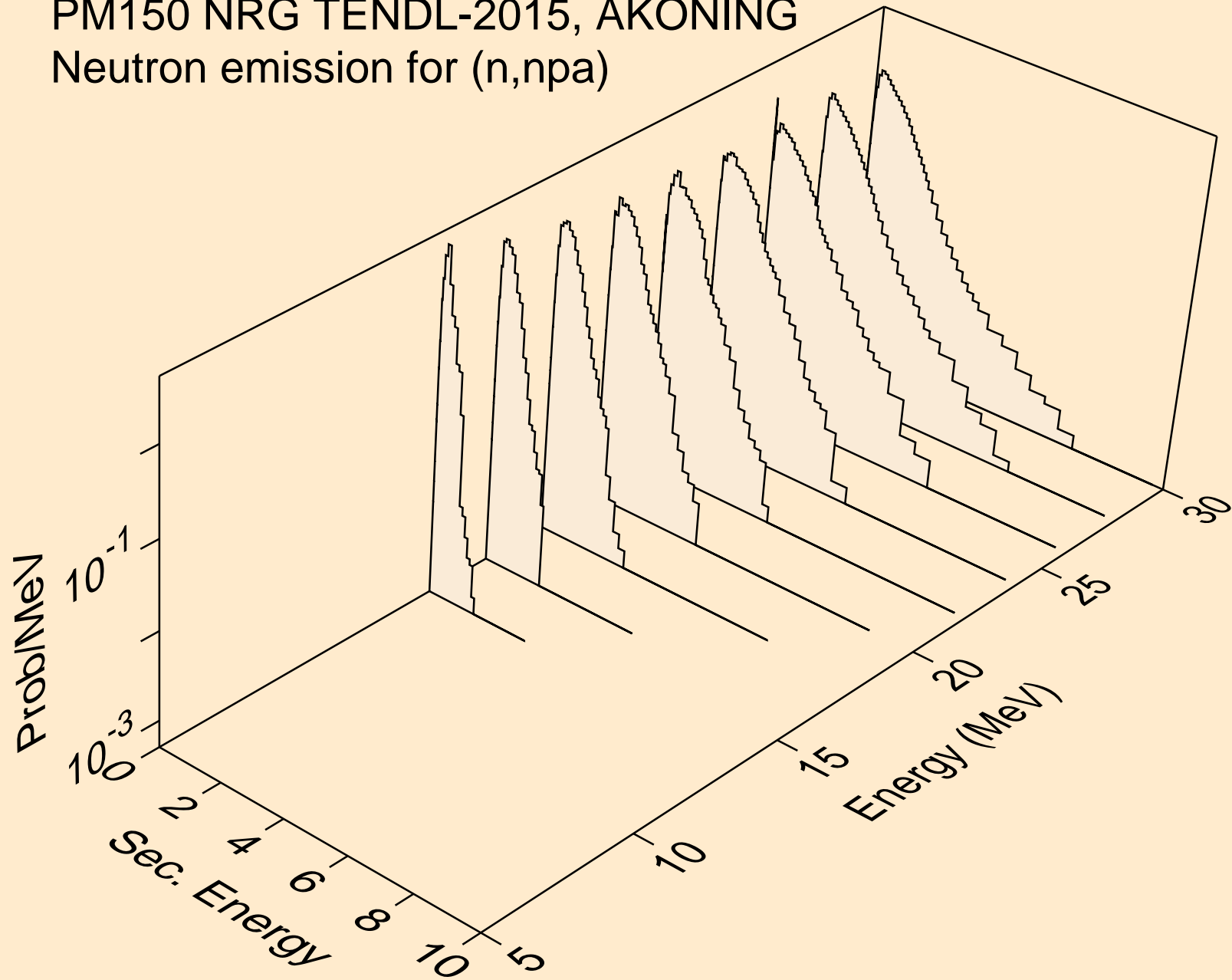


PM150 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

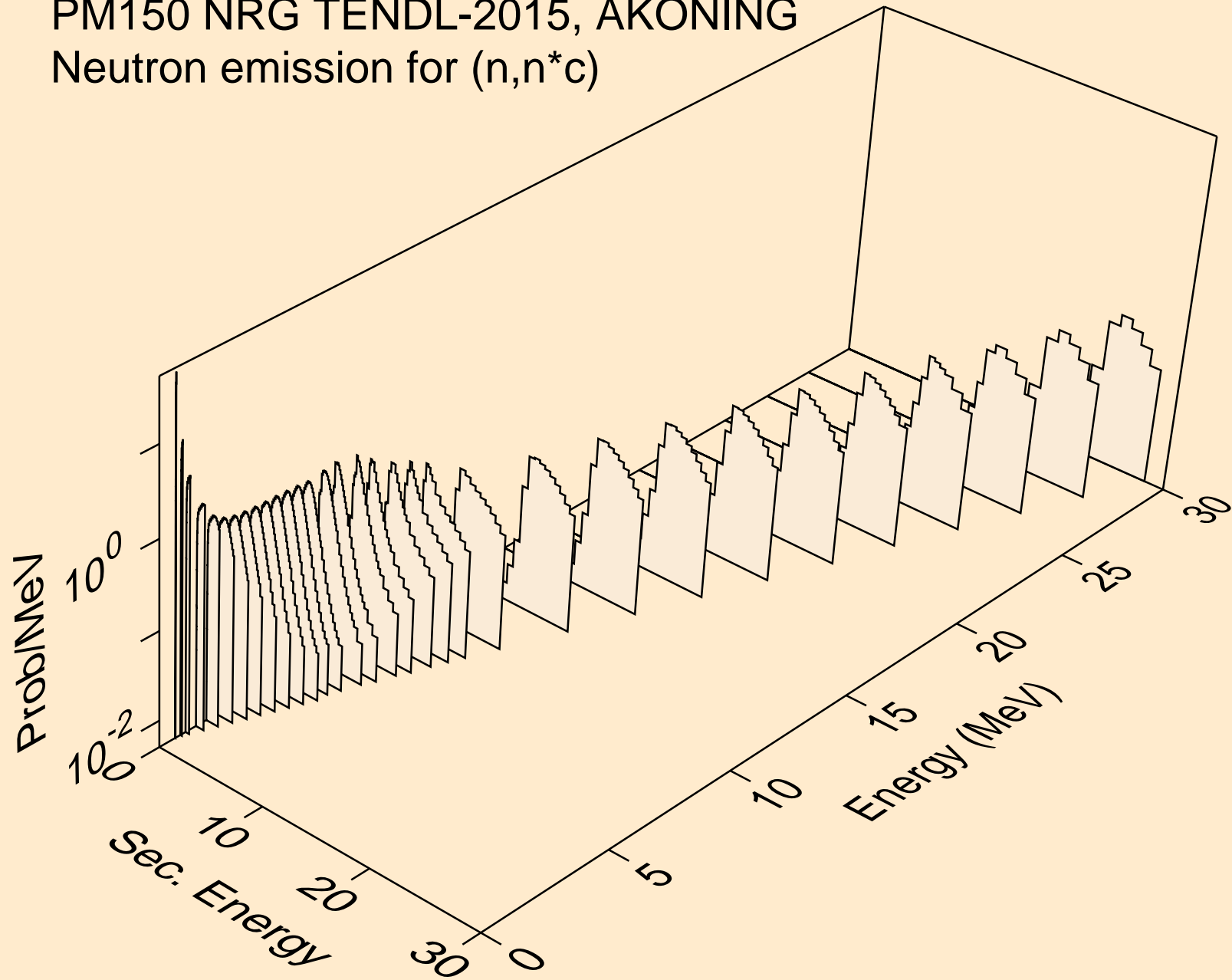




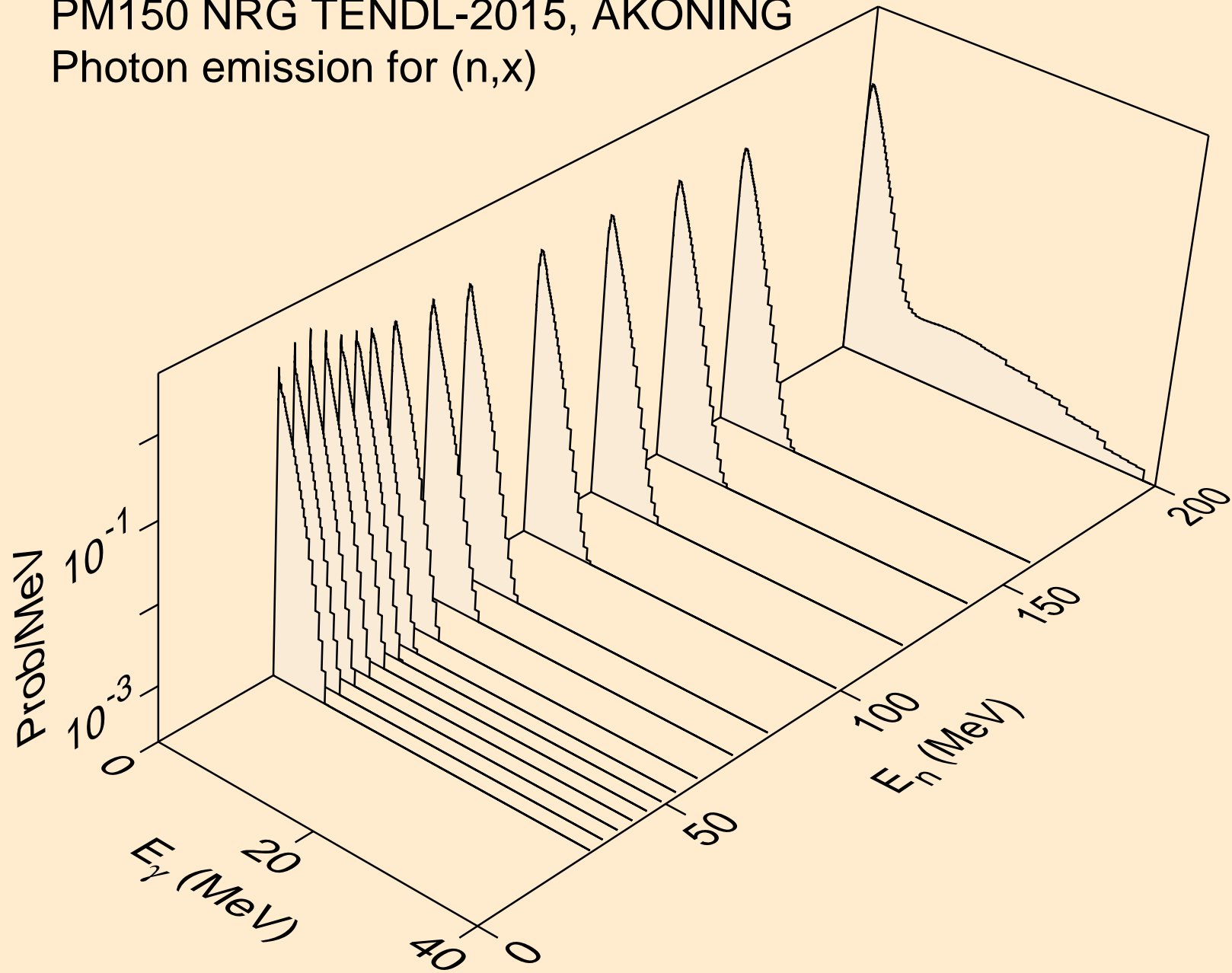
PM150 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



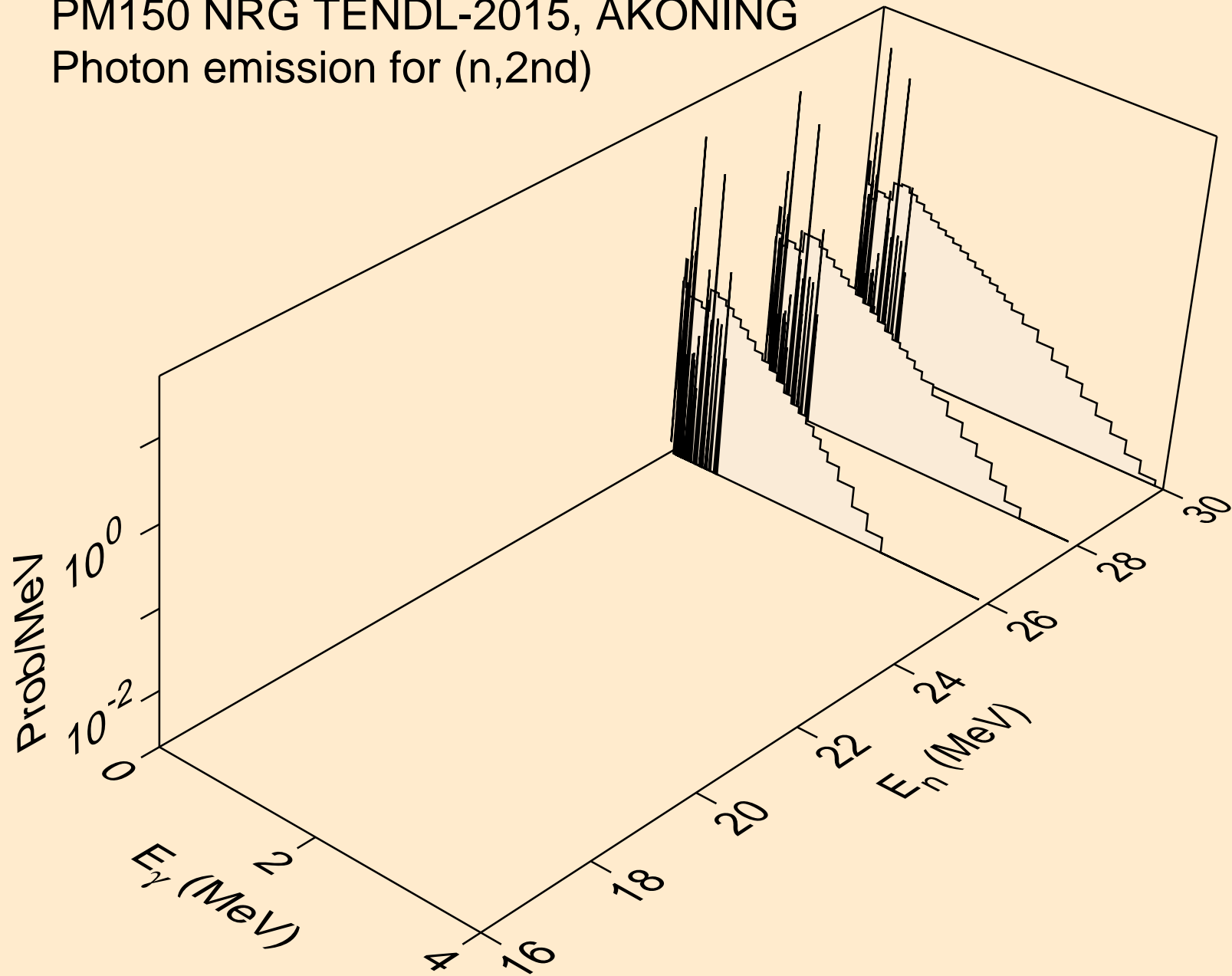
PM150 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



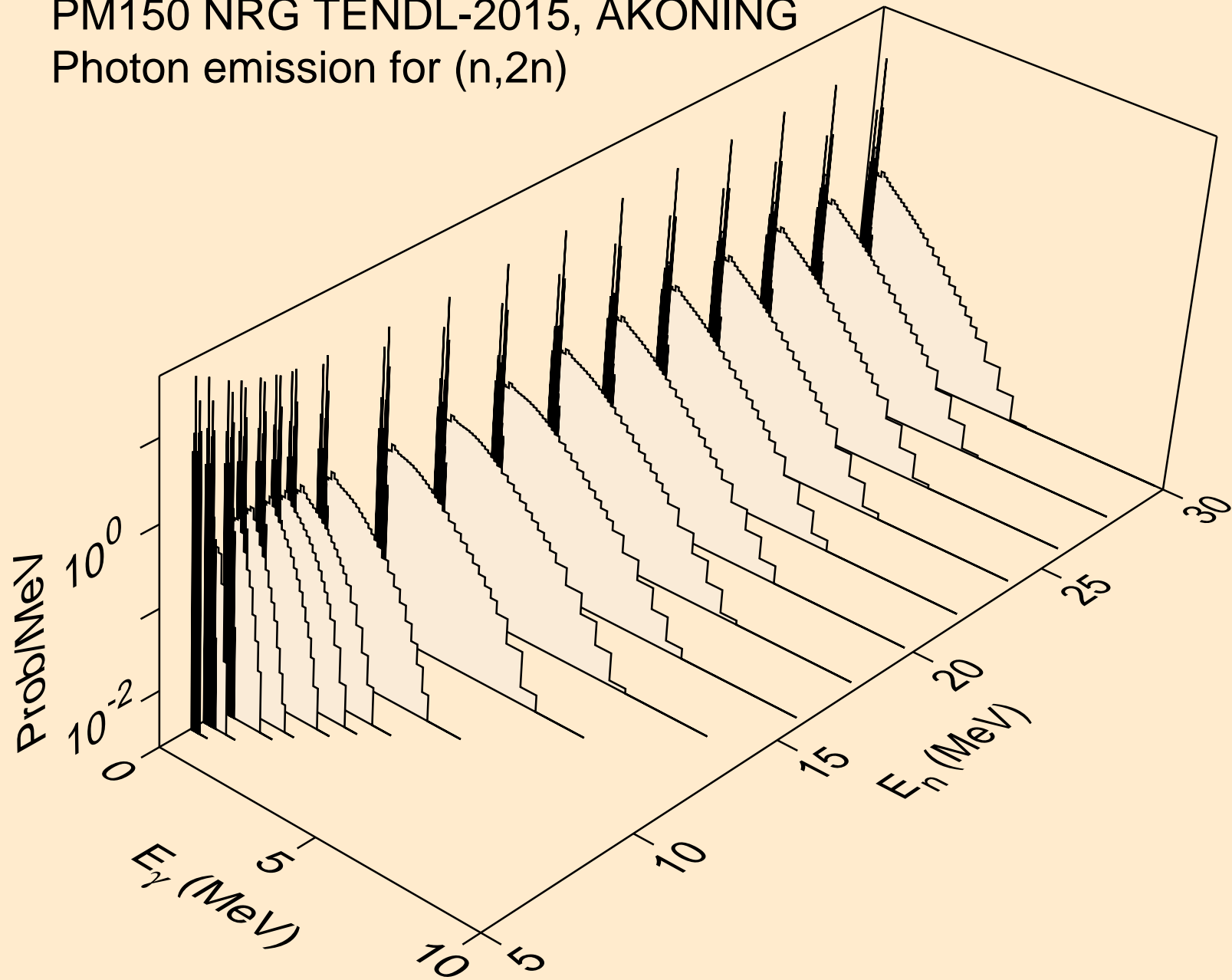
PM150 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



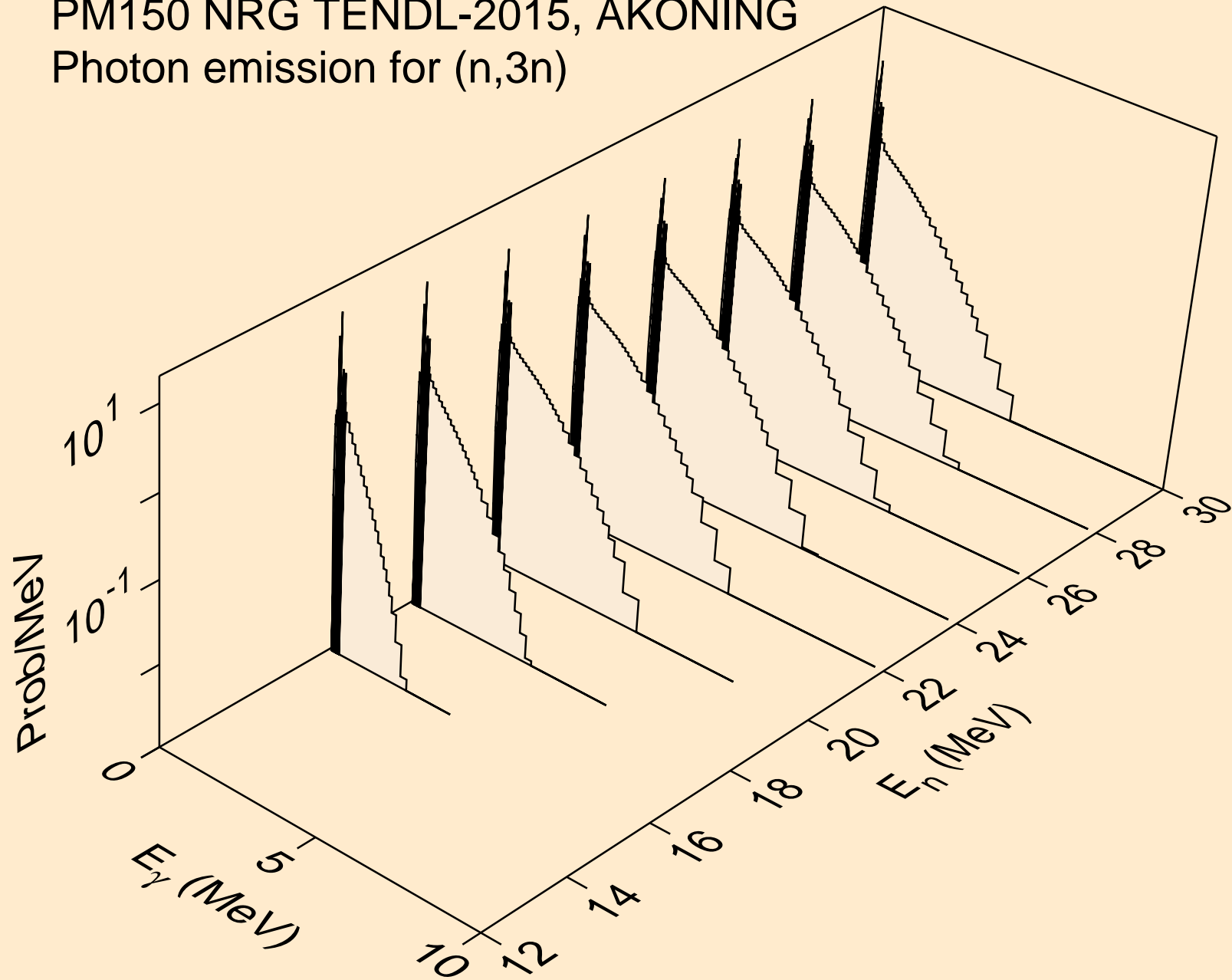
PM150 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



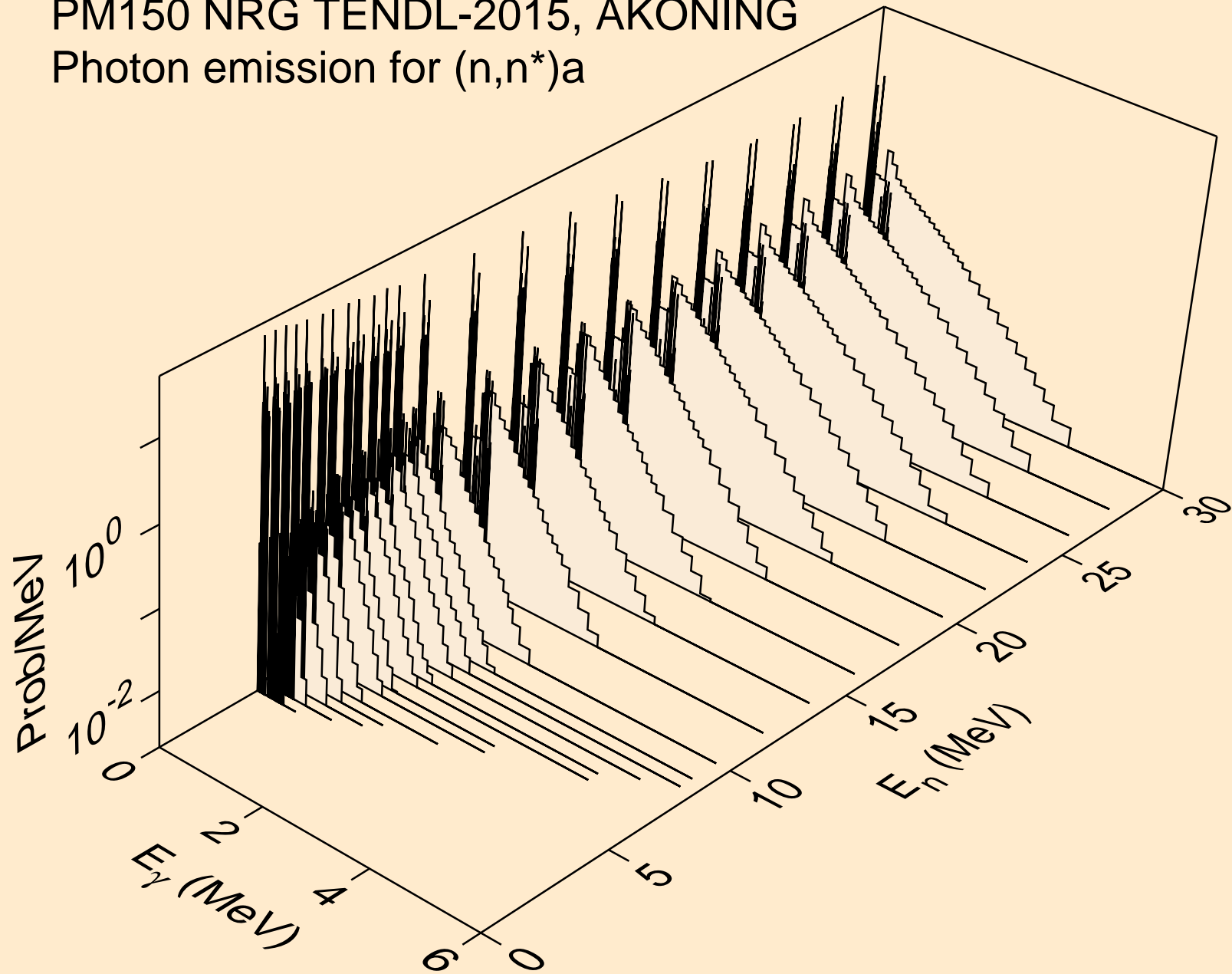
PM150 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



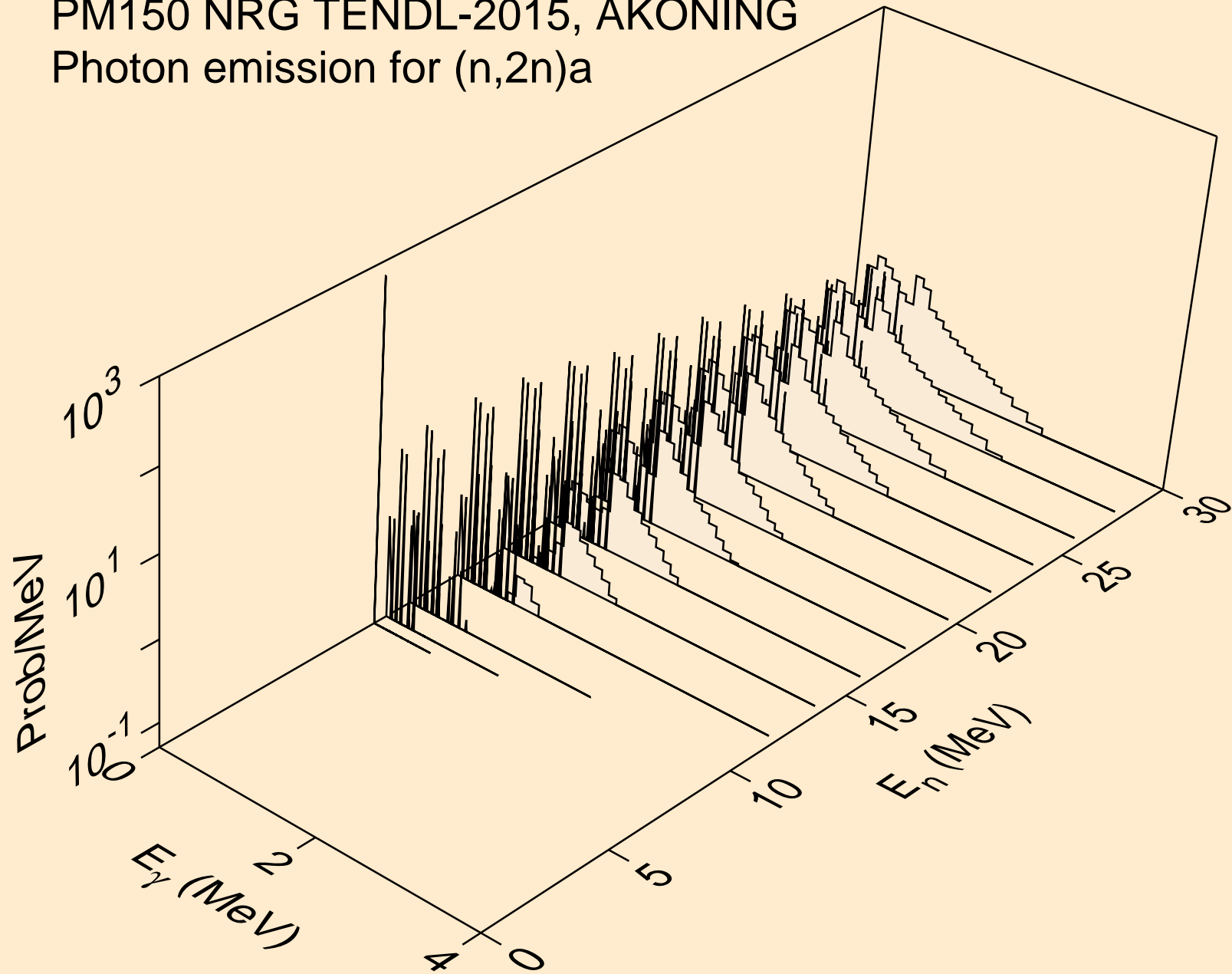
PM150 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



PM150 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

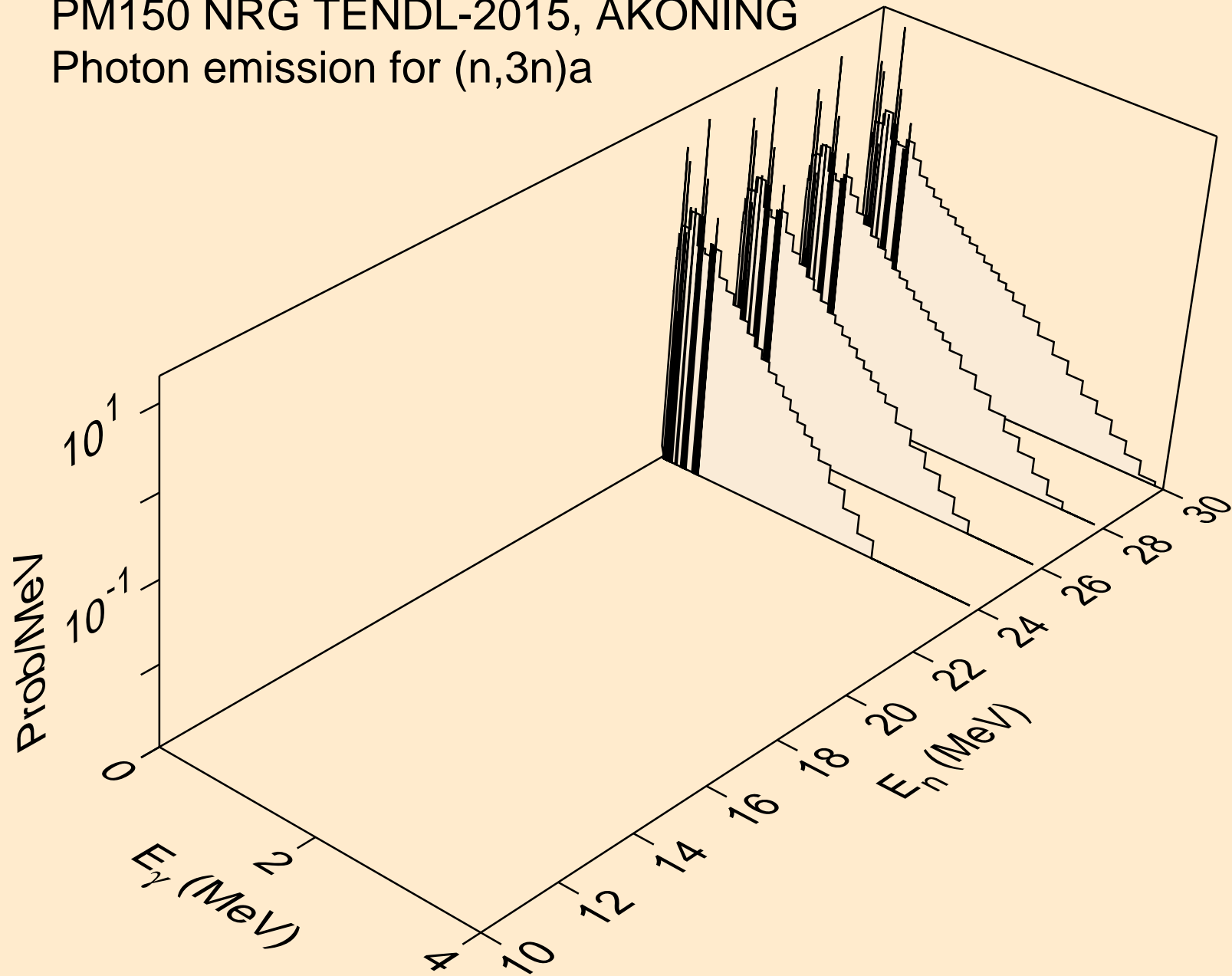


PM150 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

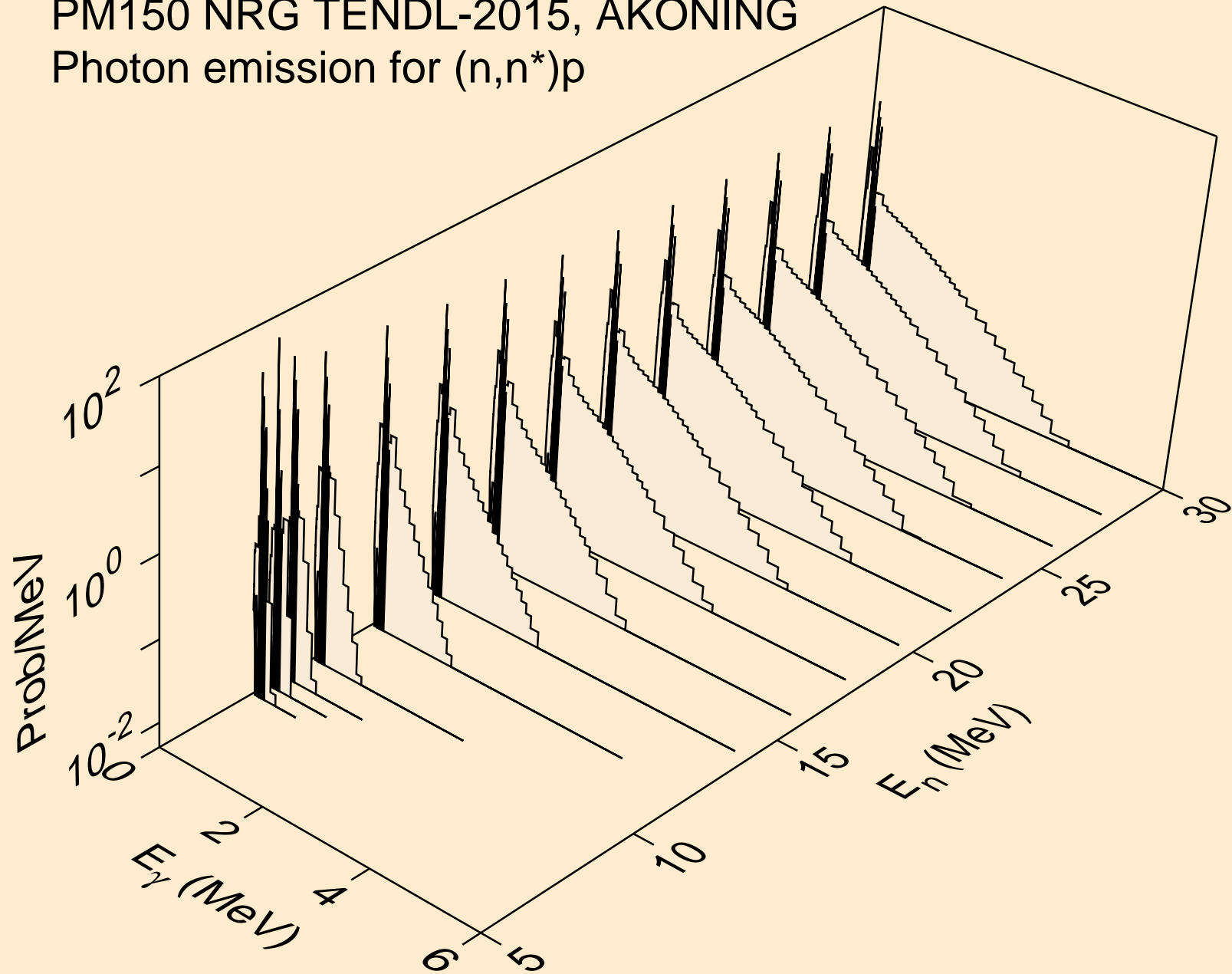




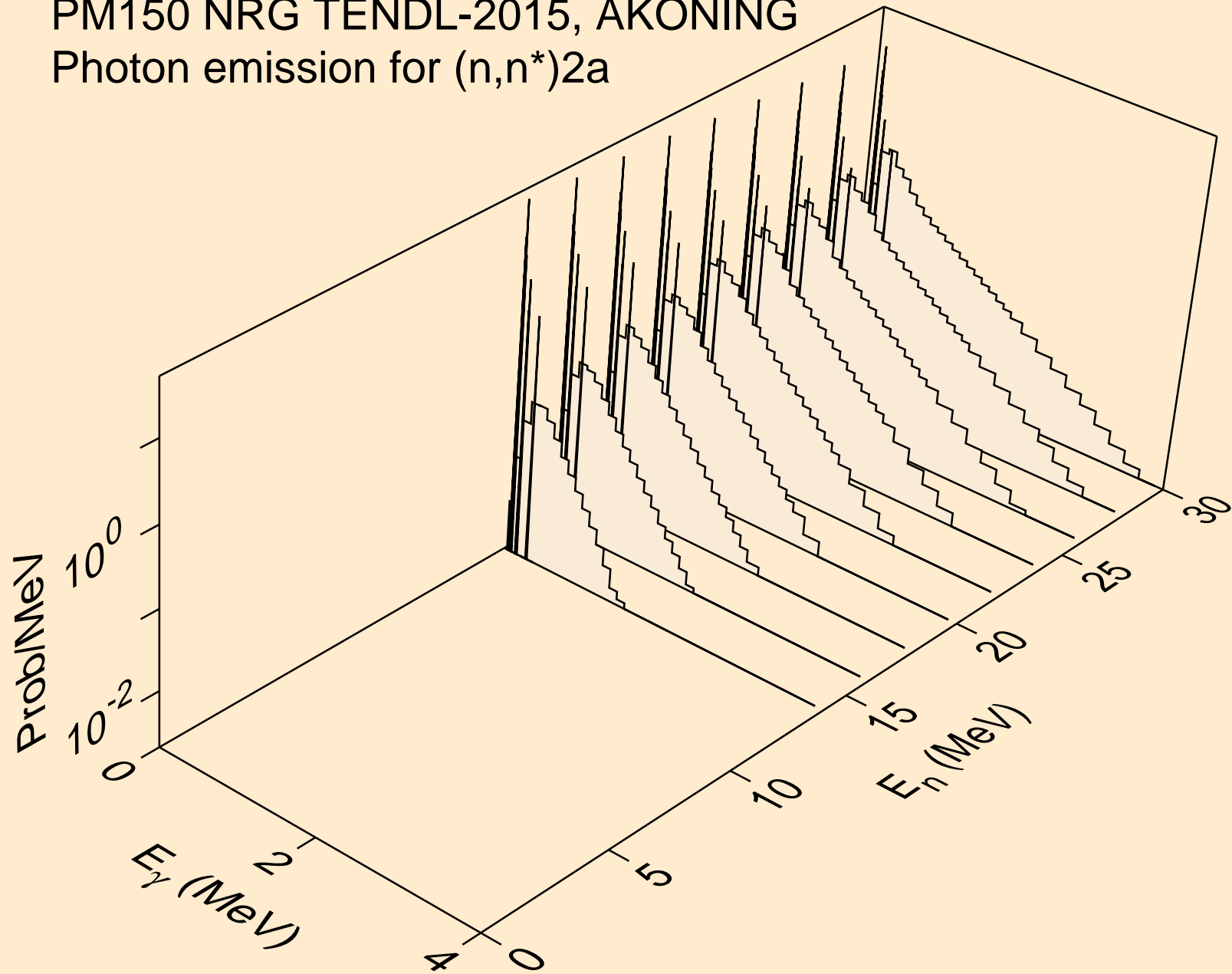
PM150 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



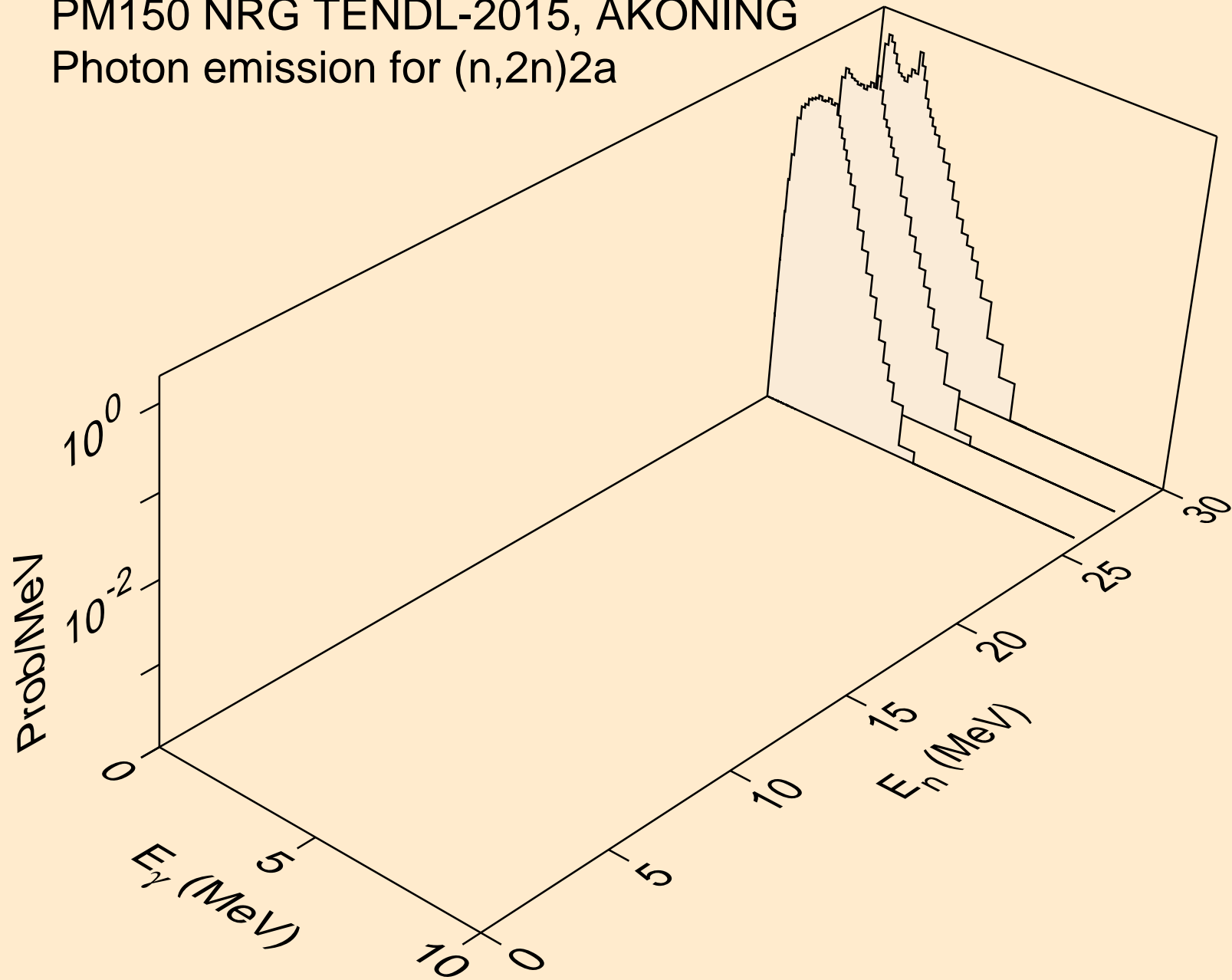
PM150 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



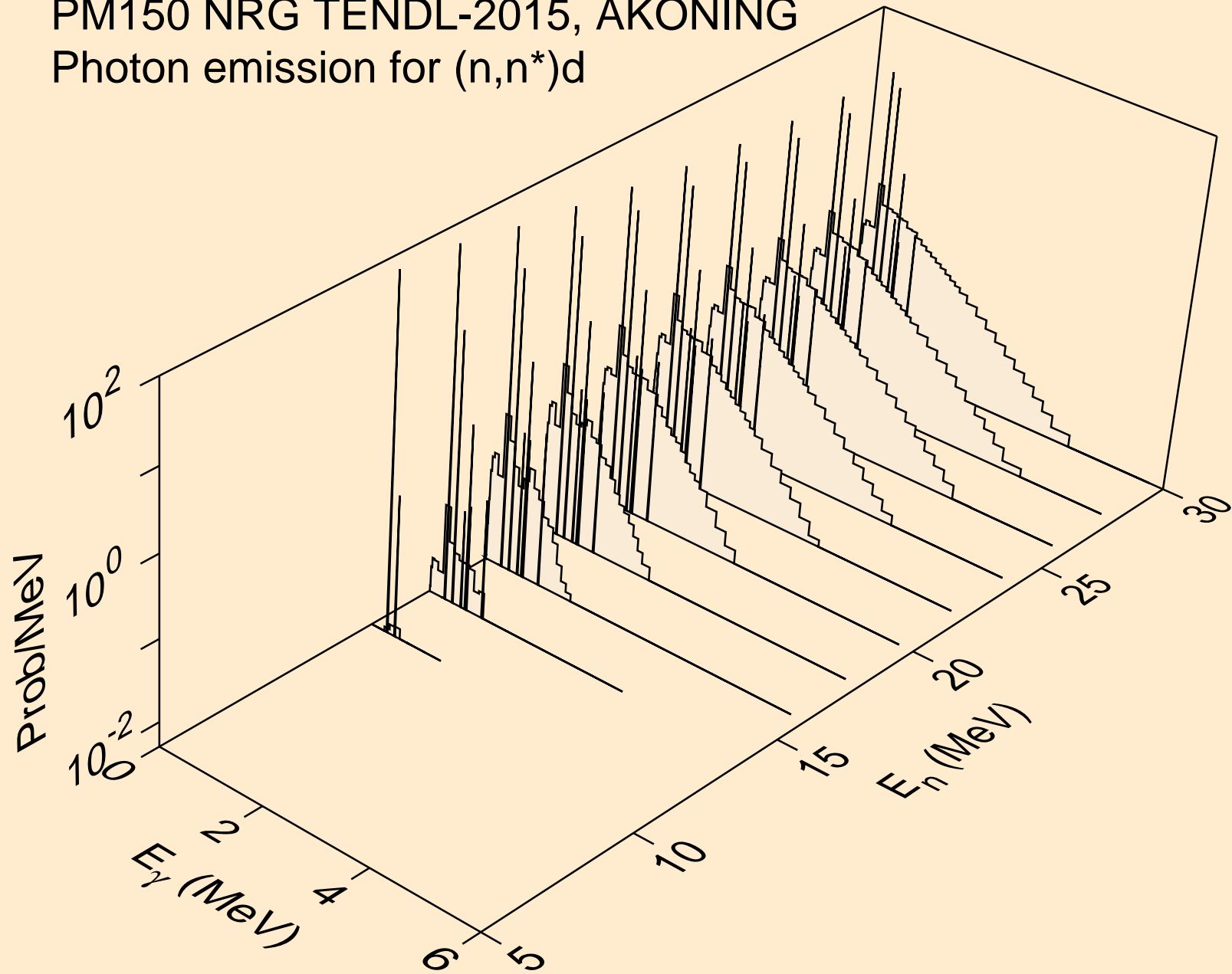
PM150 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



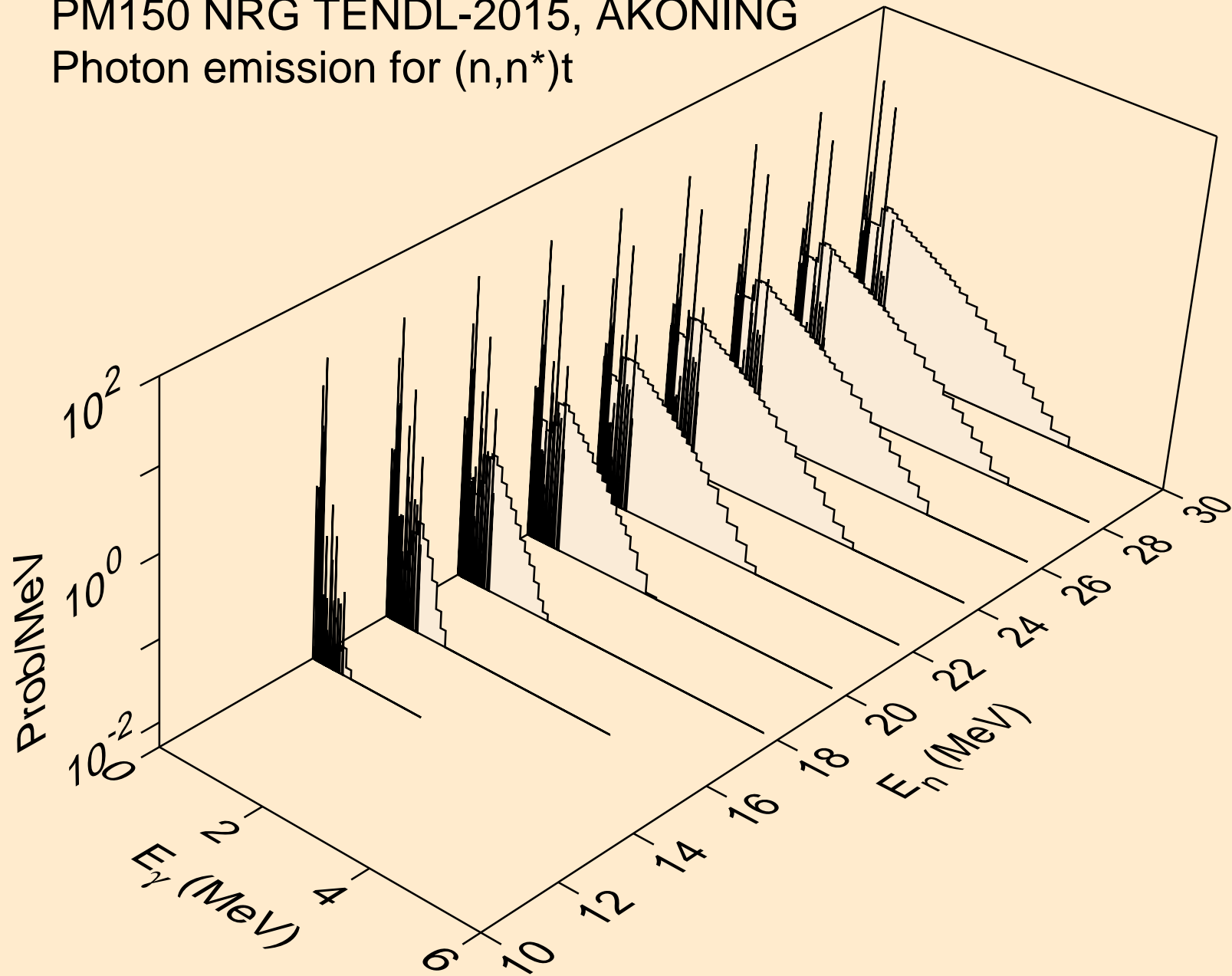
PM150 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



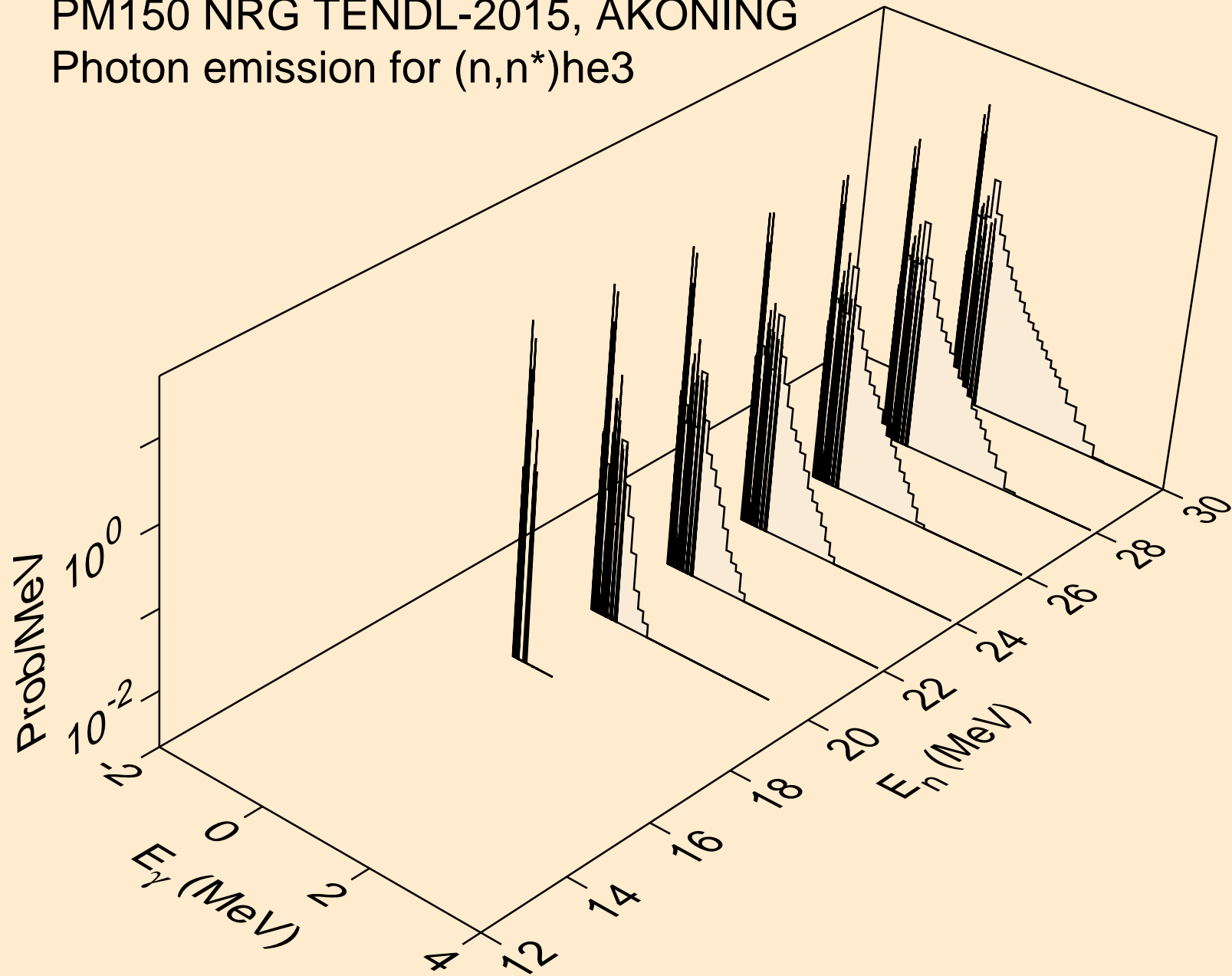
PM150 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



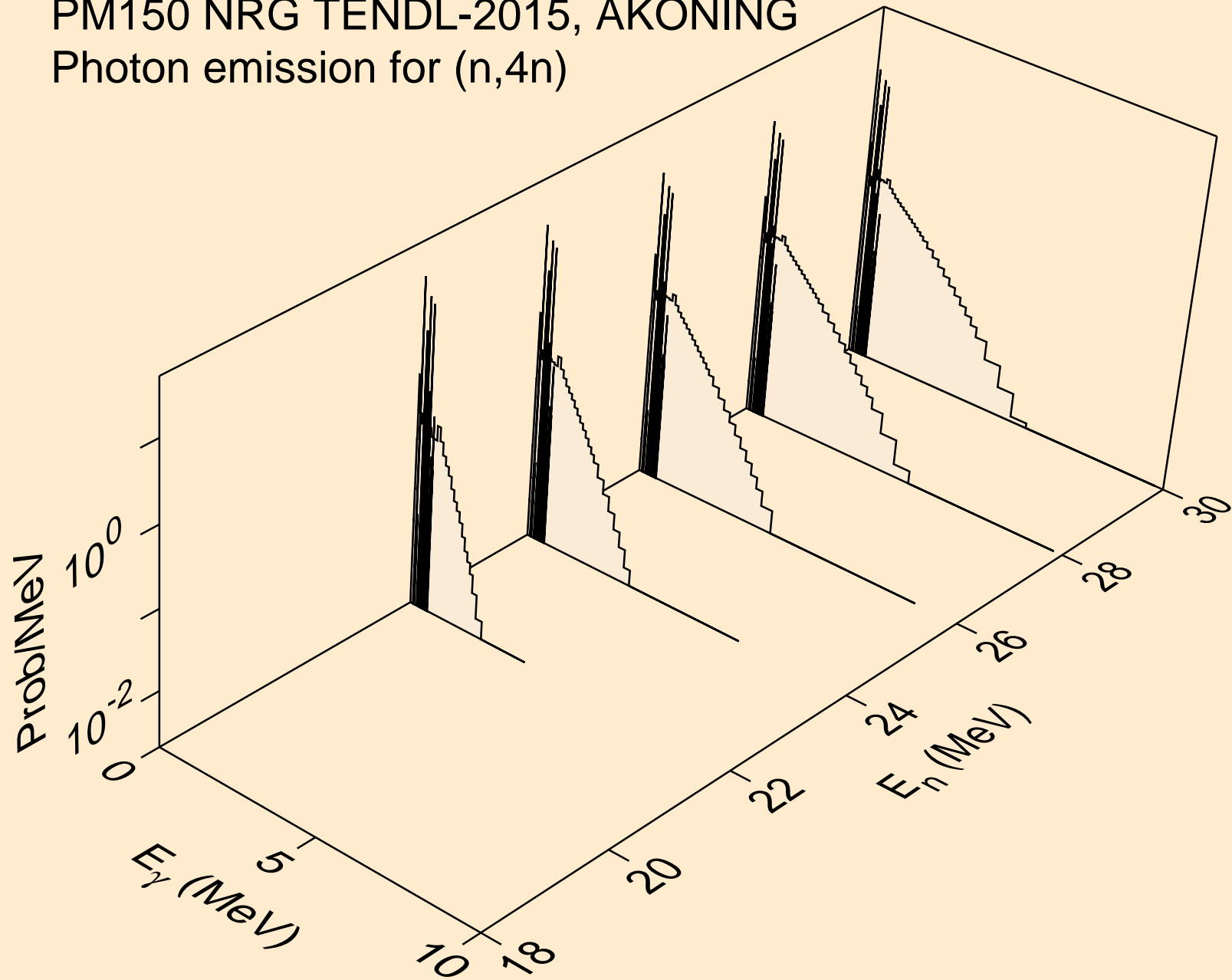
PM150 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



PM150 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

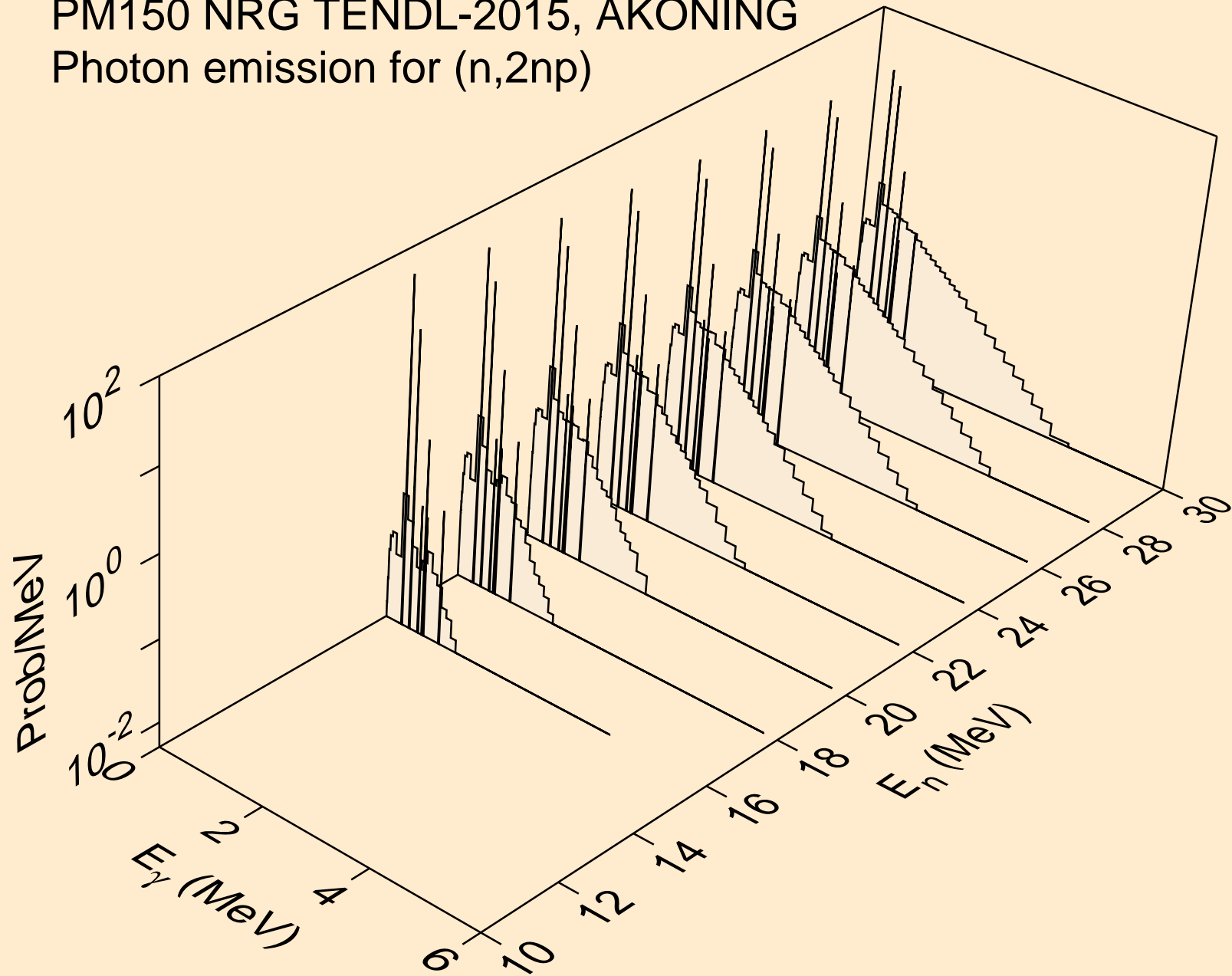


PM150 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)

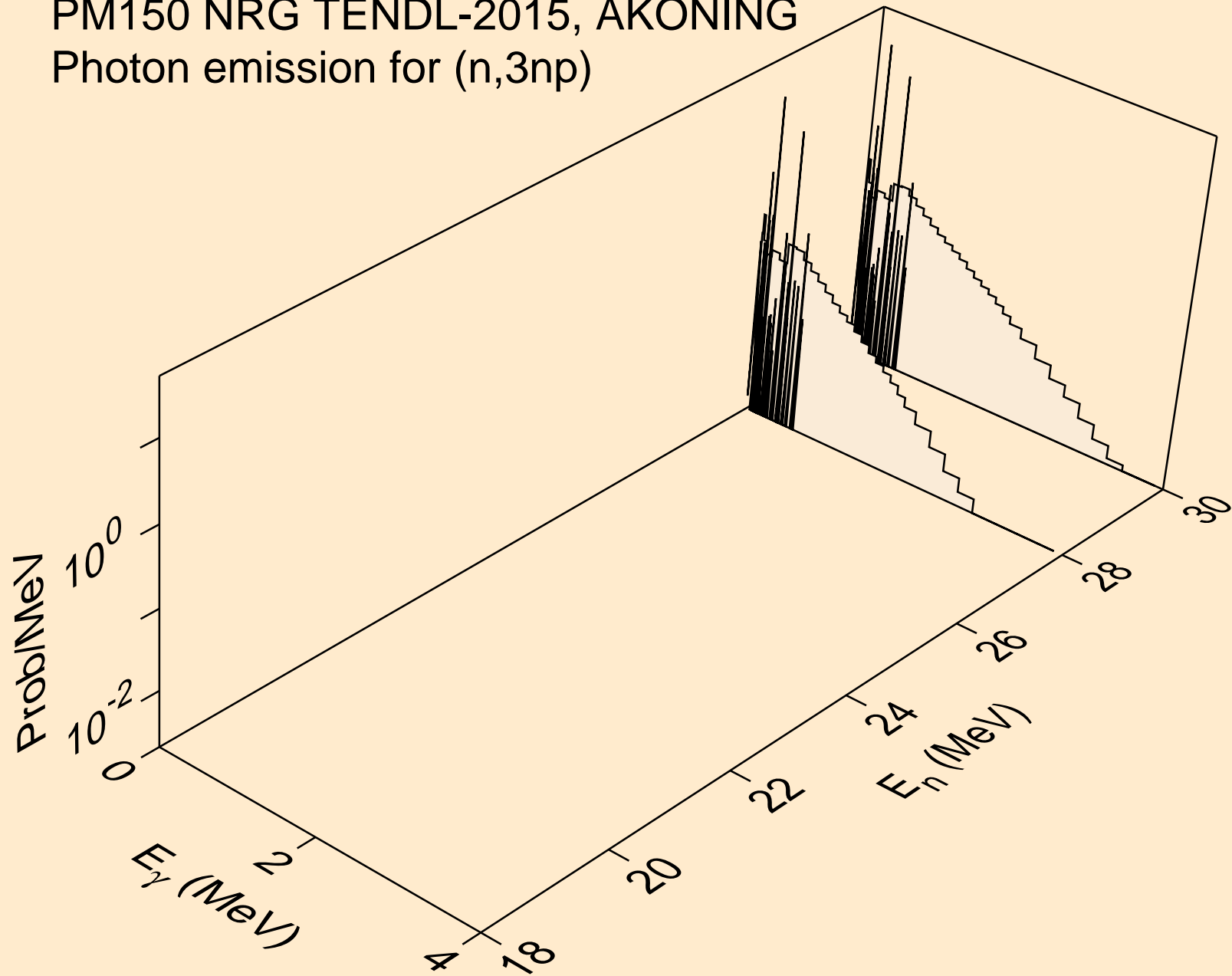




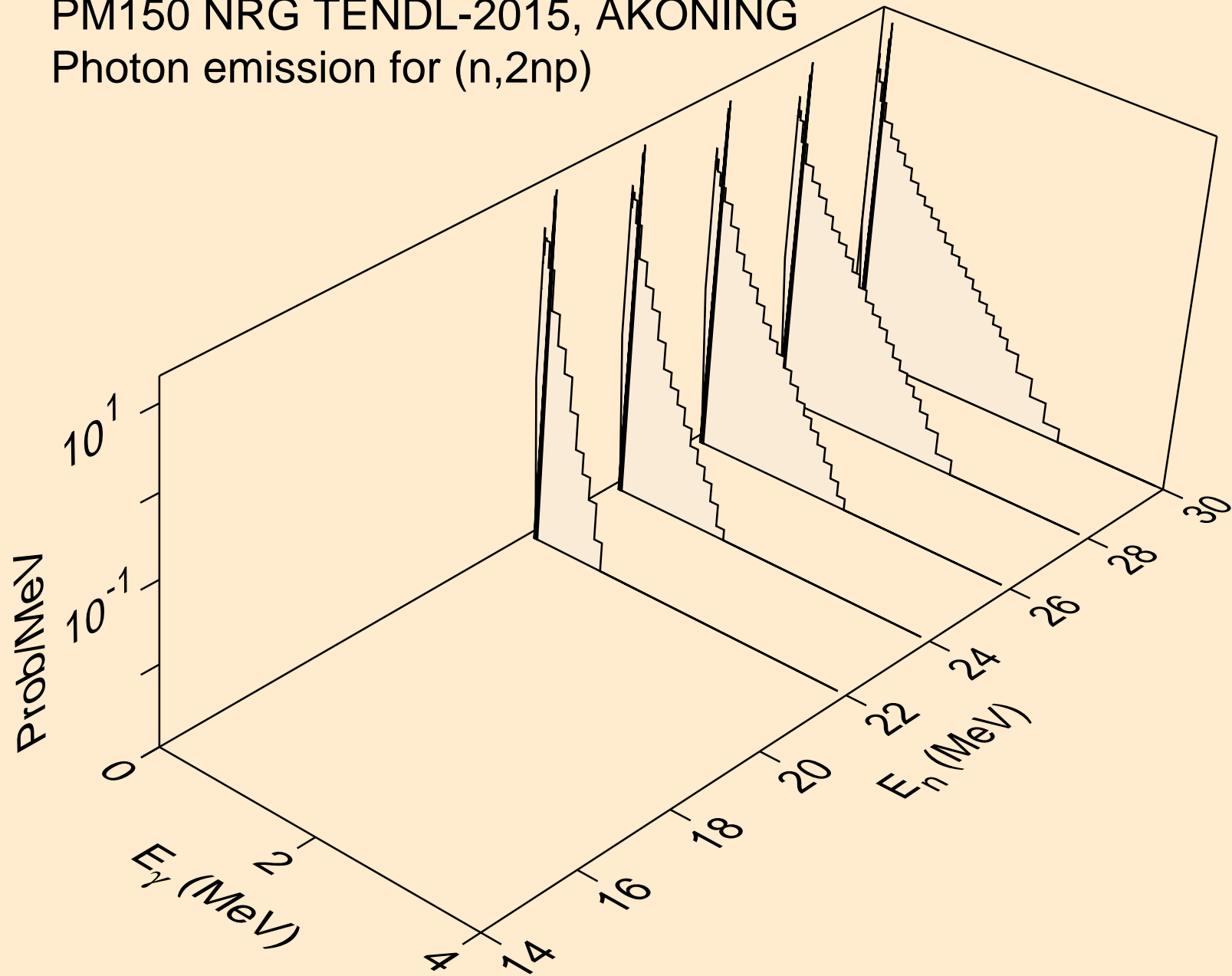
PM150 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



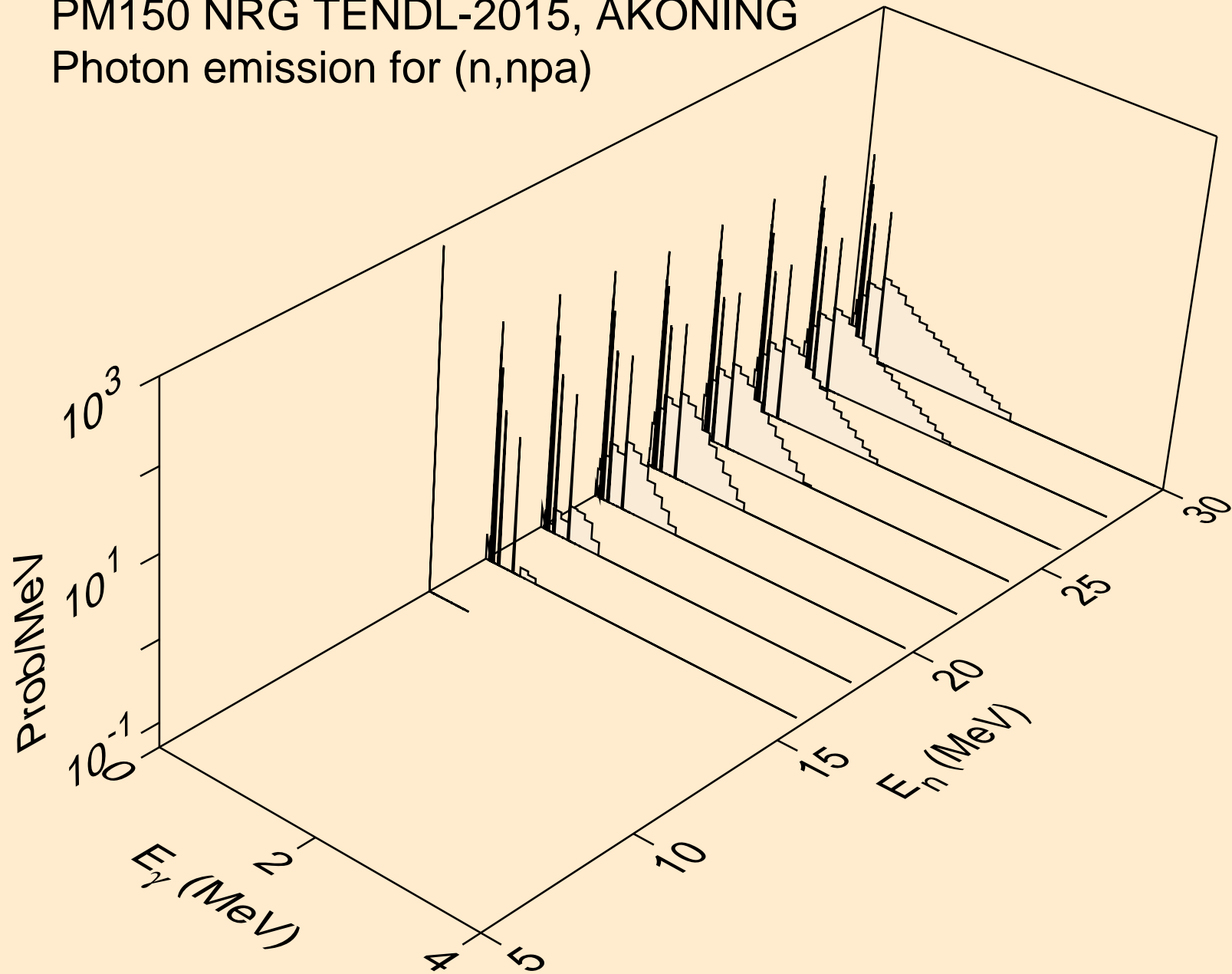
PM150 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



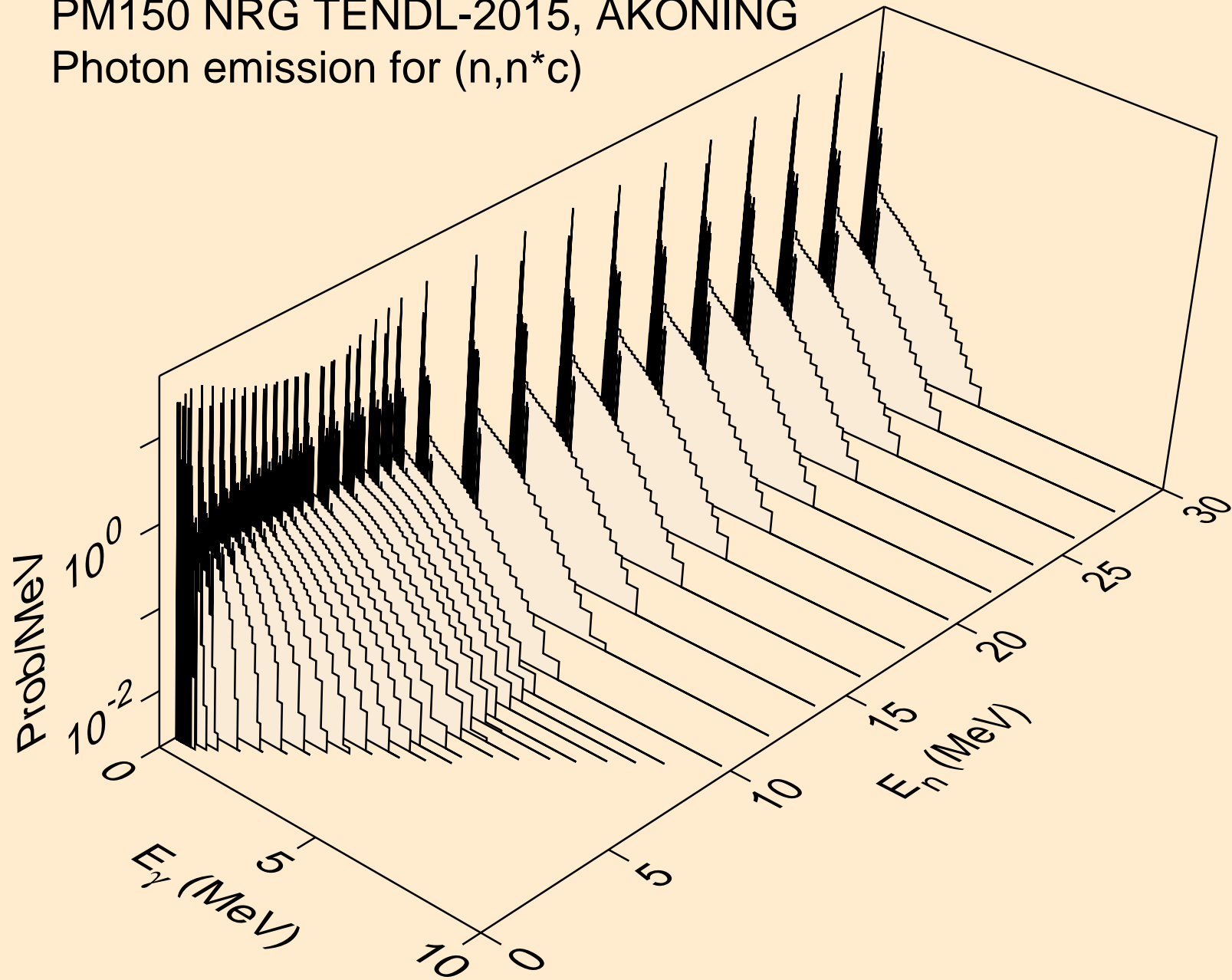
PM150 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



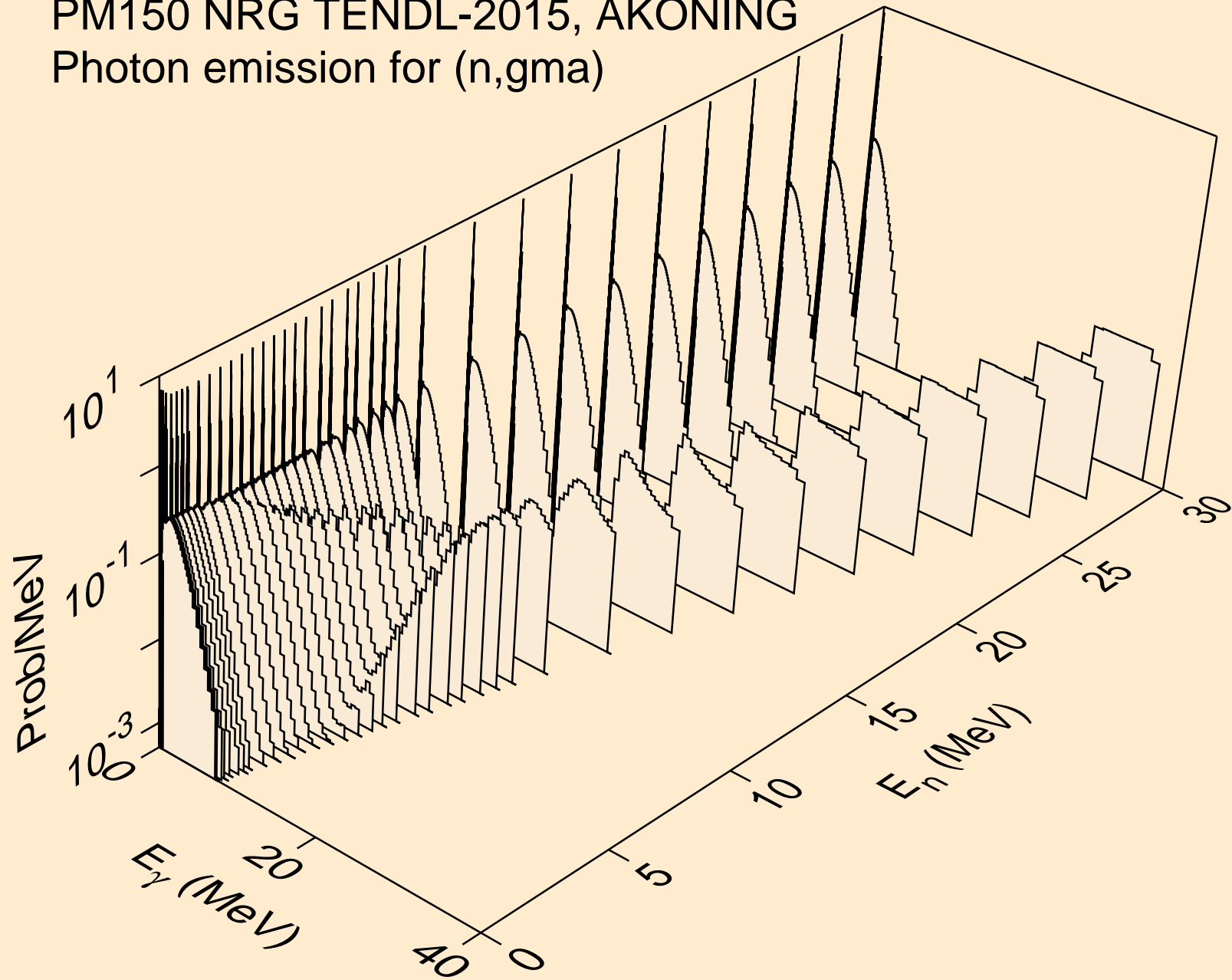
PM150 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



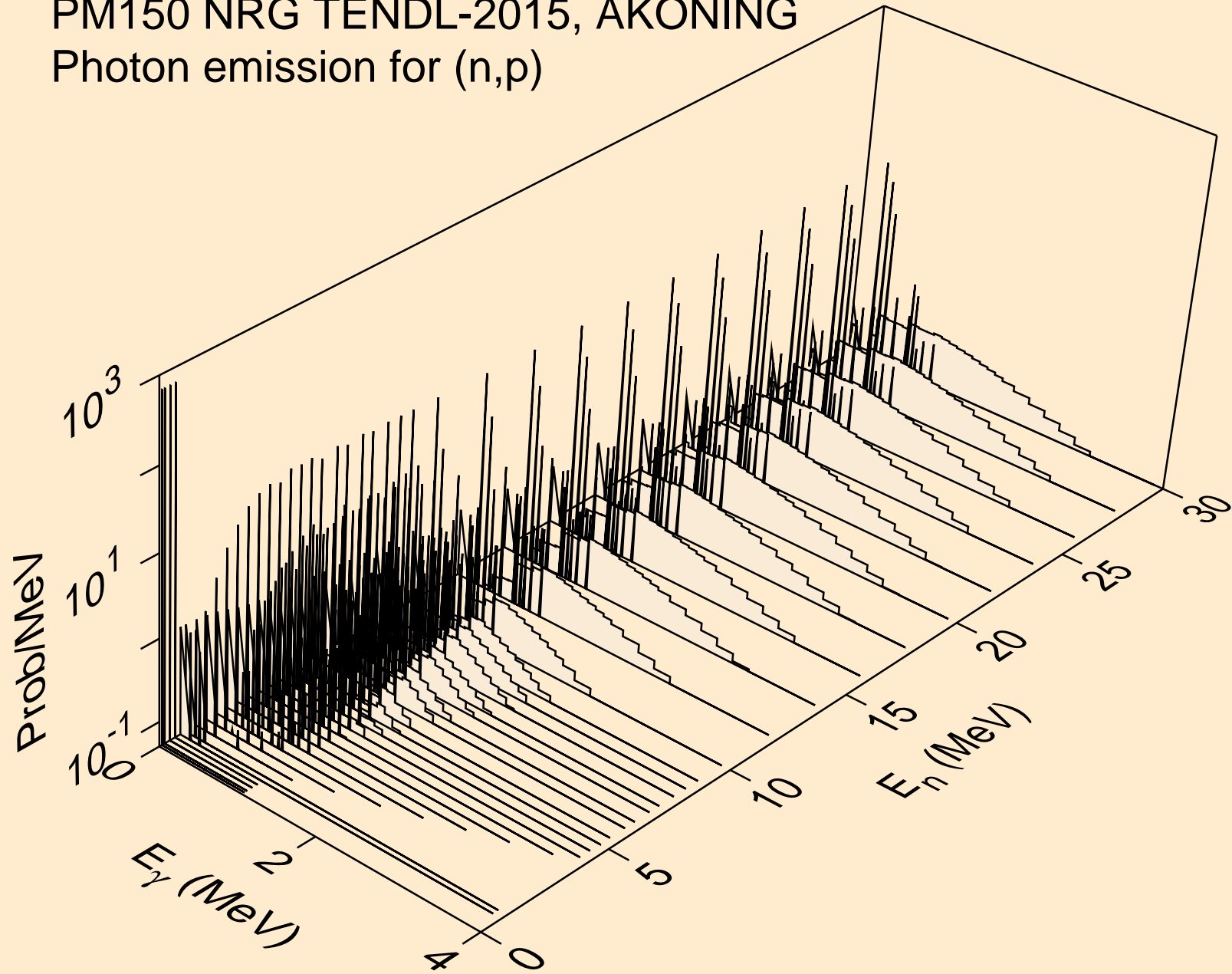
PM150 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



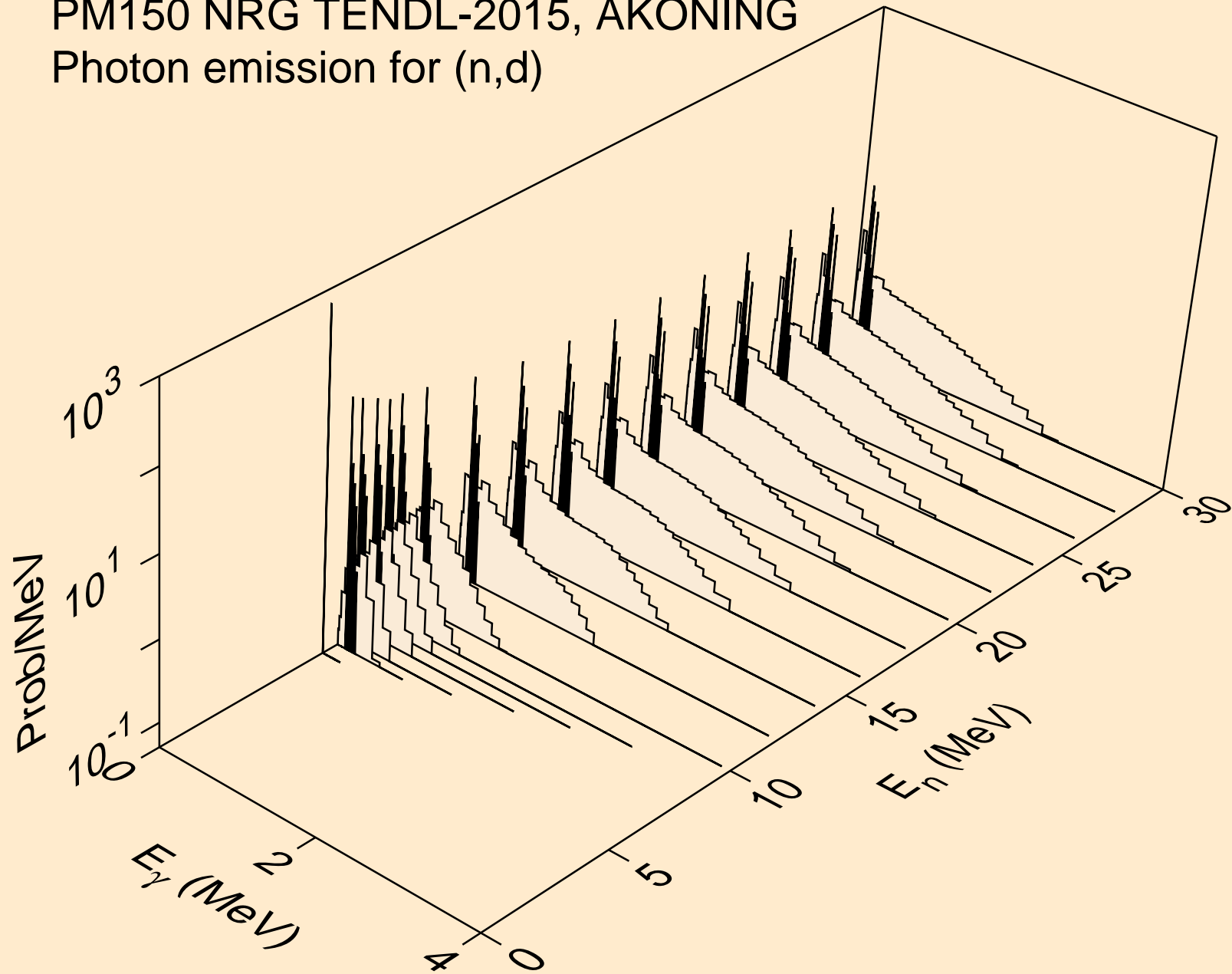
PM150 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



PM150 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

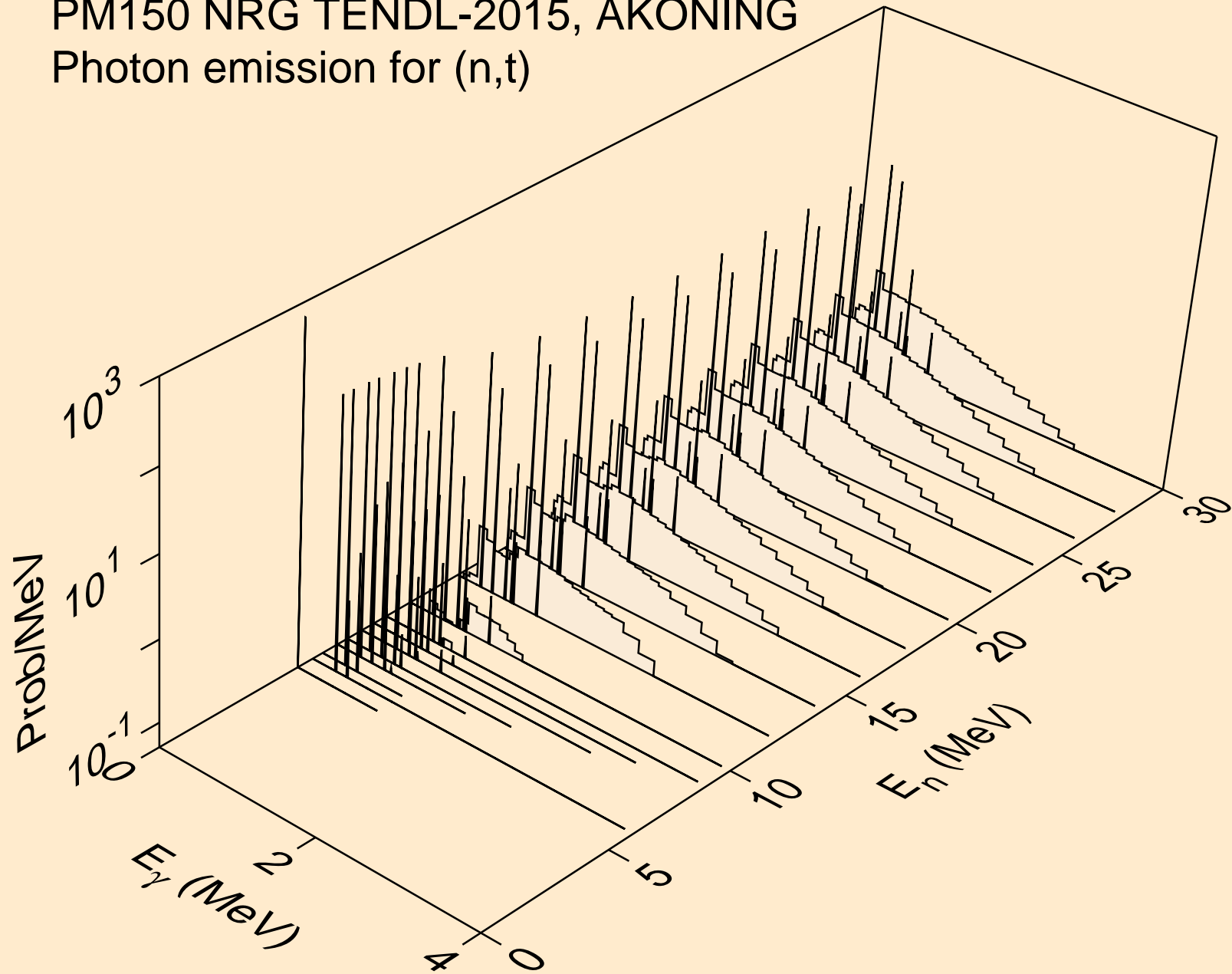


PM150 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

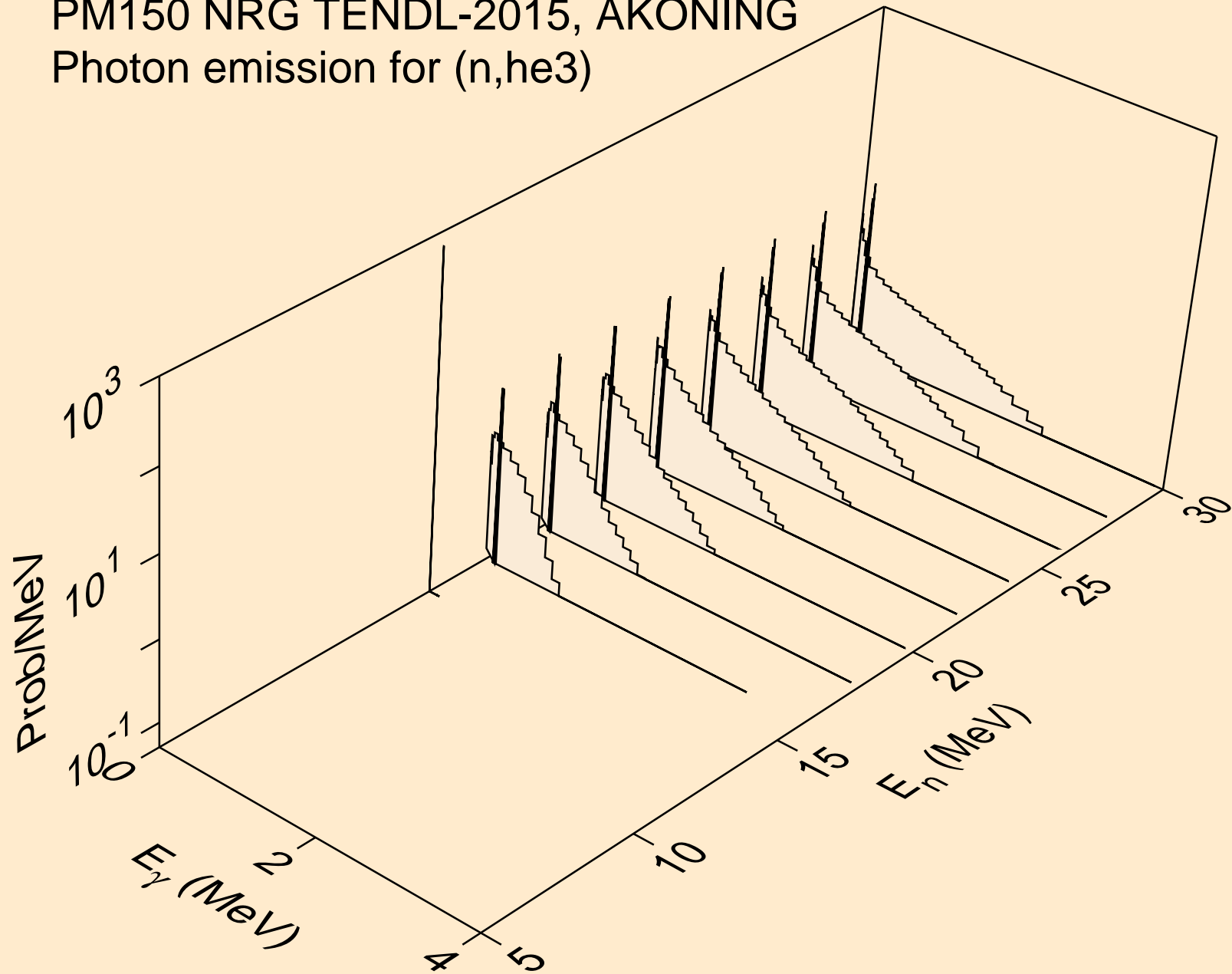




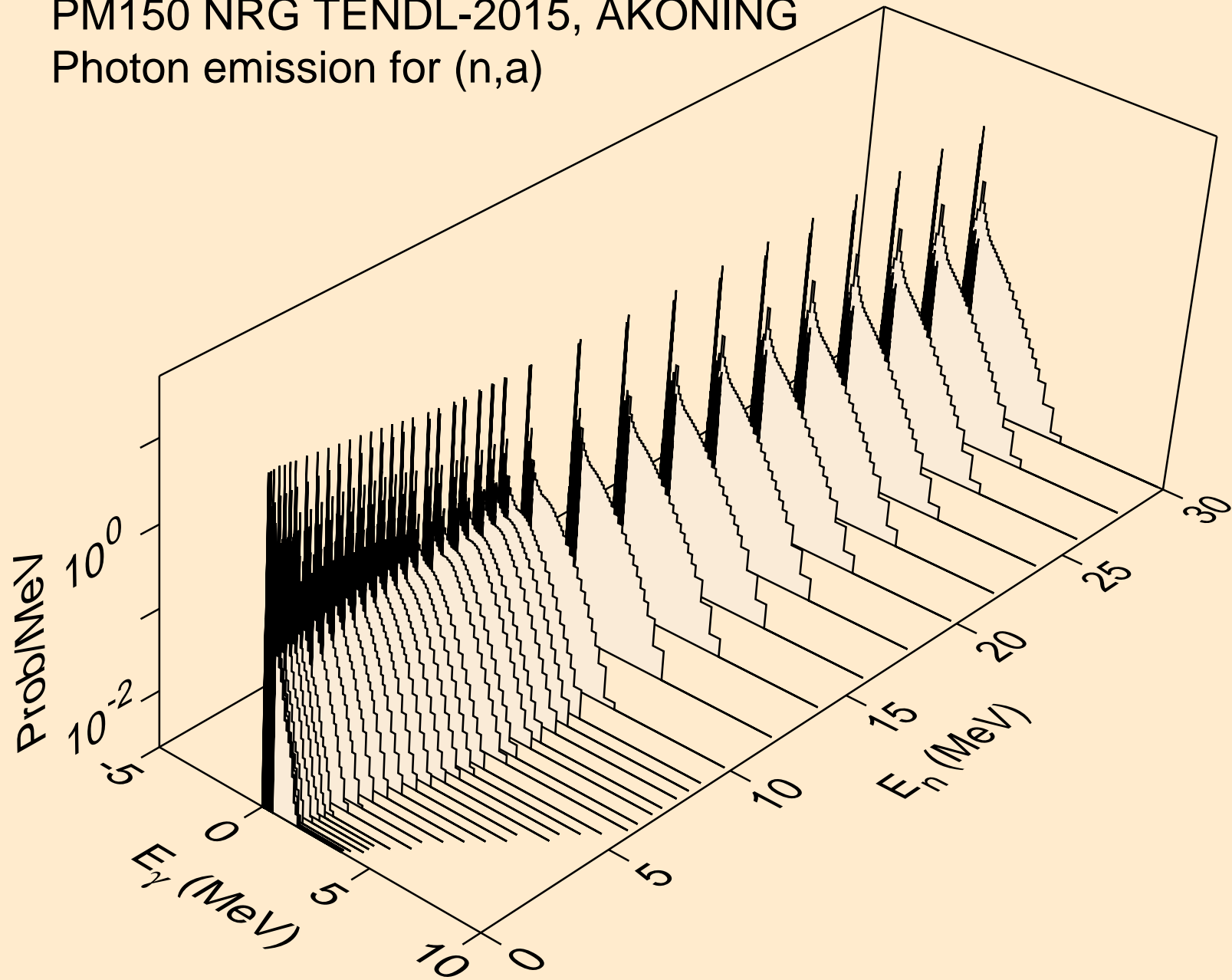
PM150 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



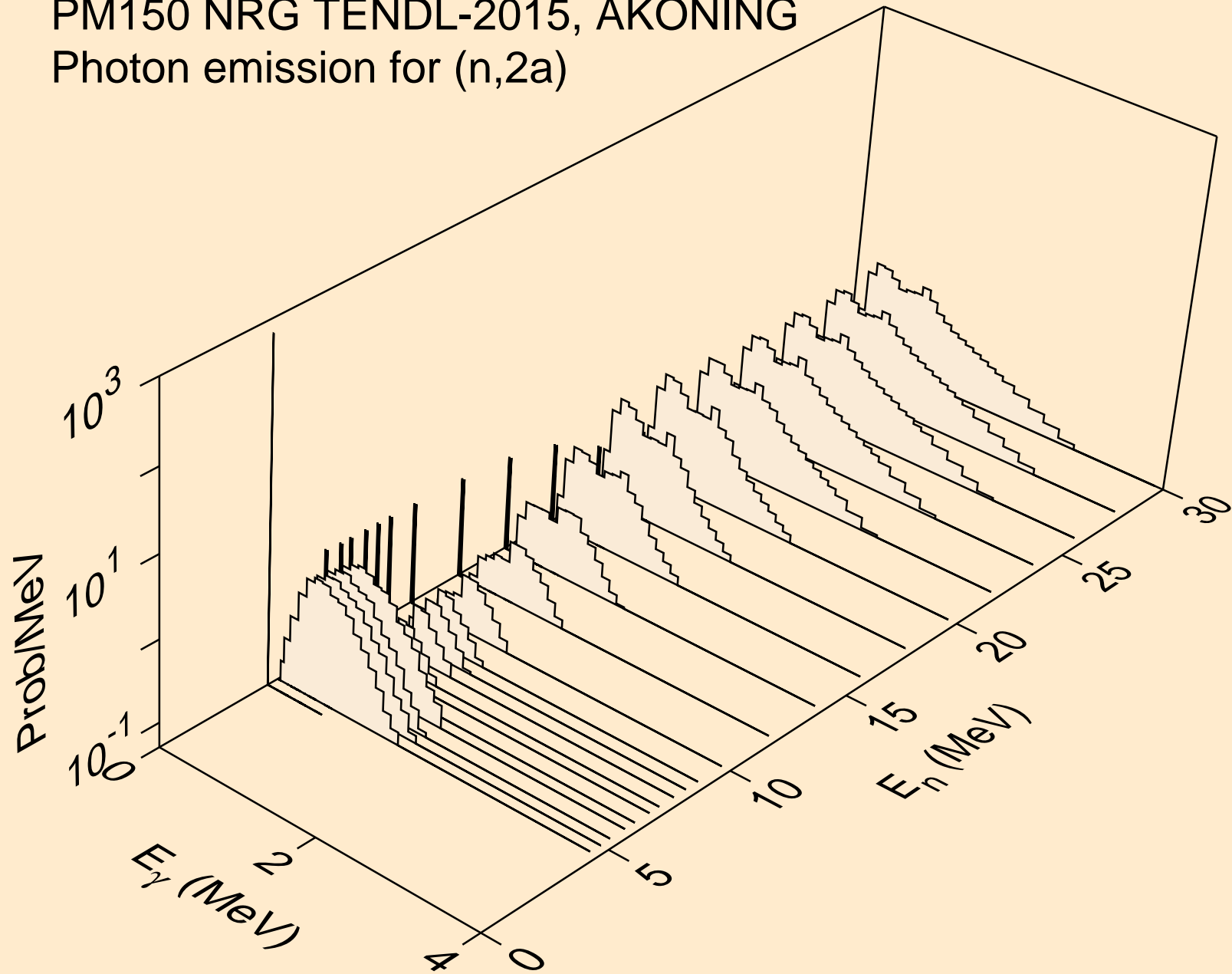
PM150 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



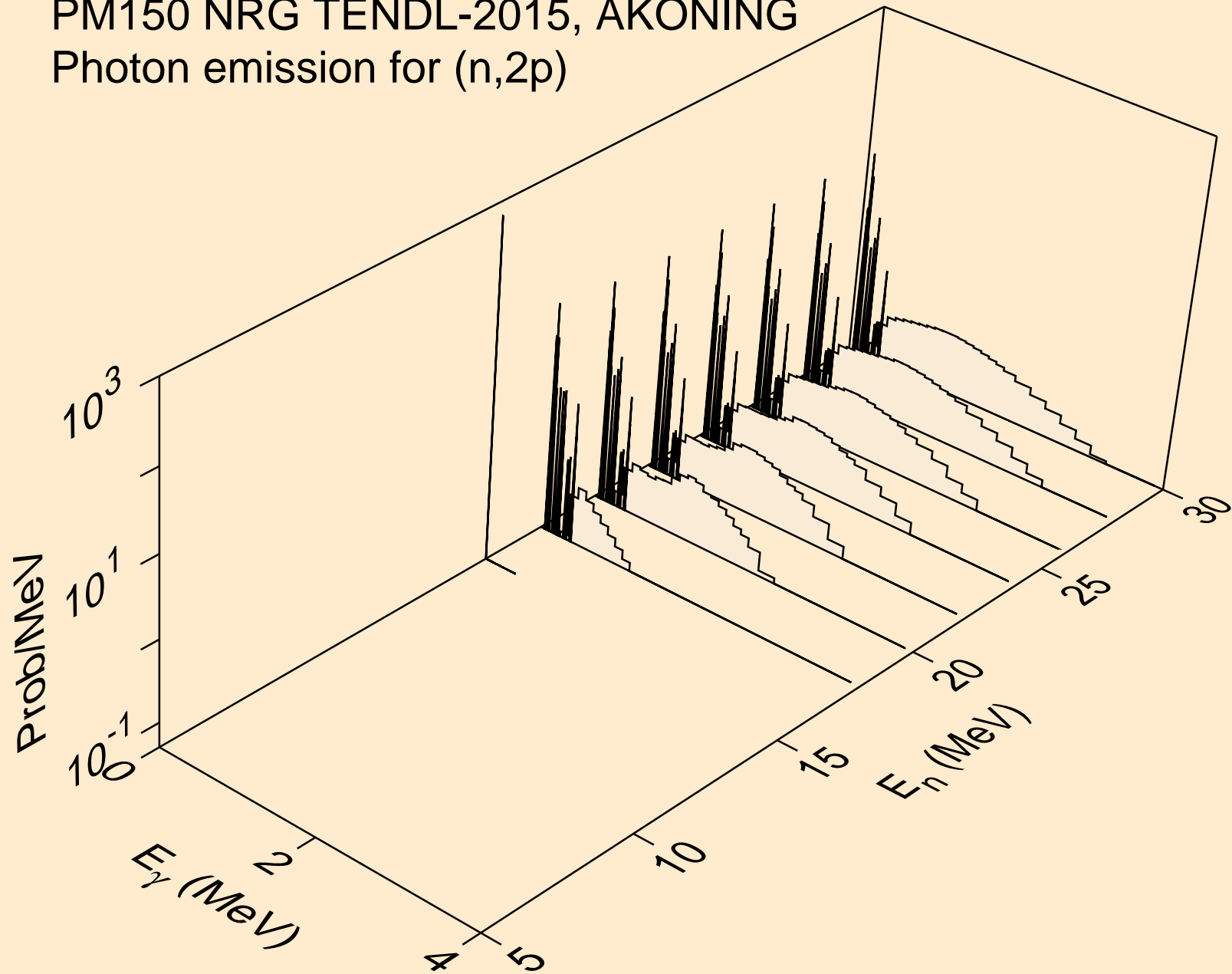
PM150 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



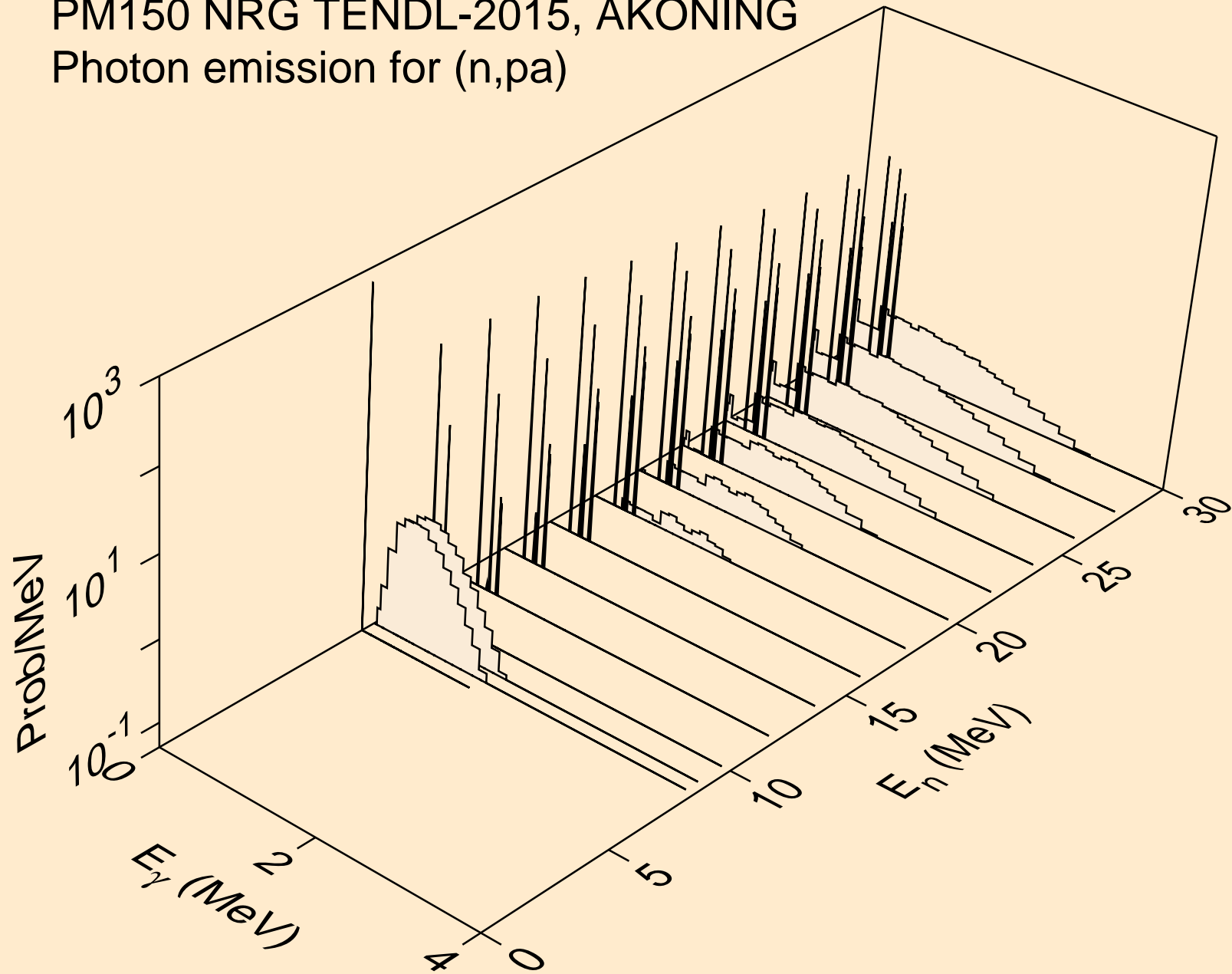
PM150 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



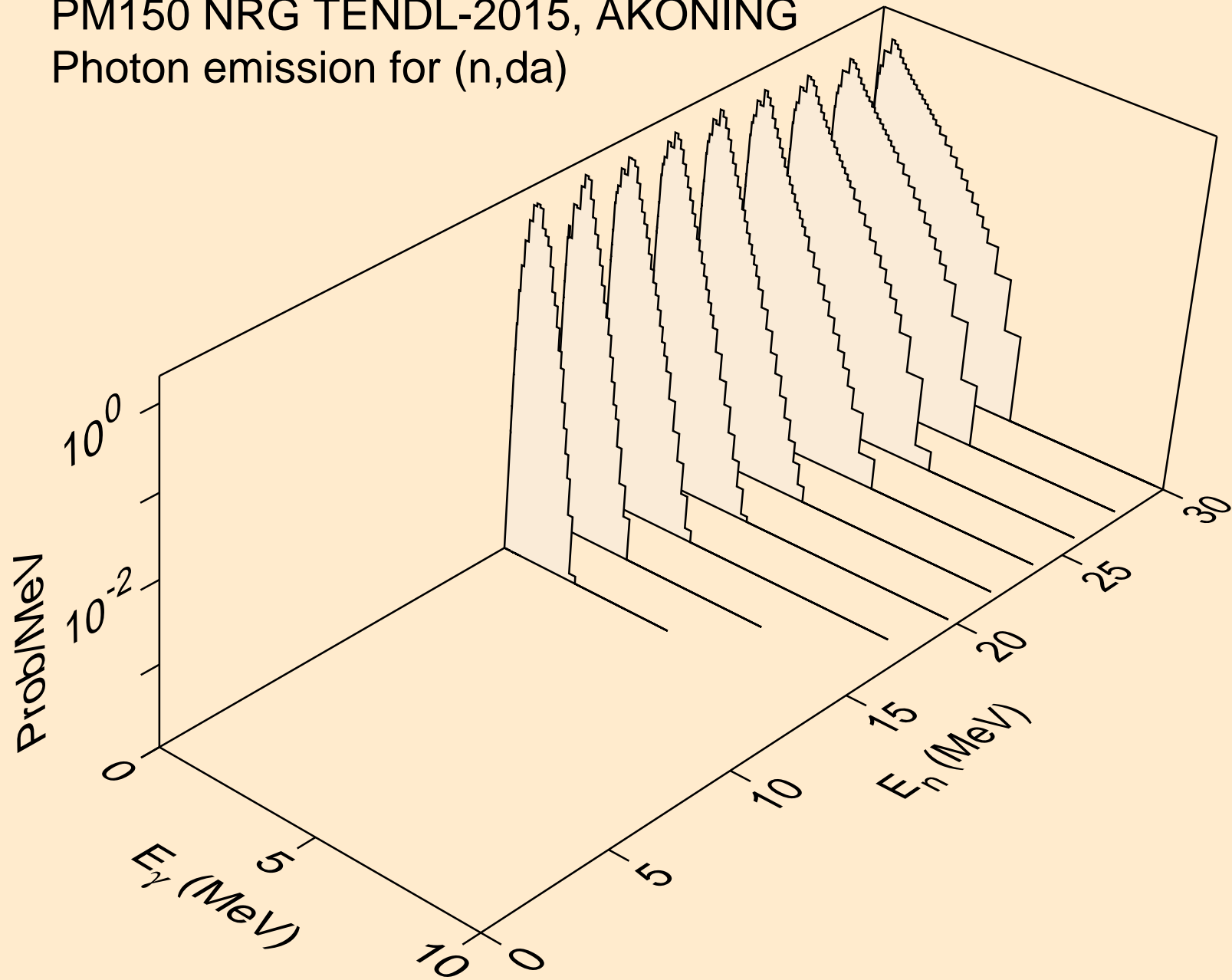
PM150 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



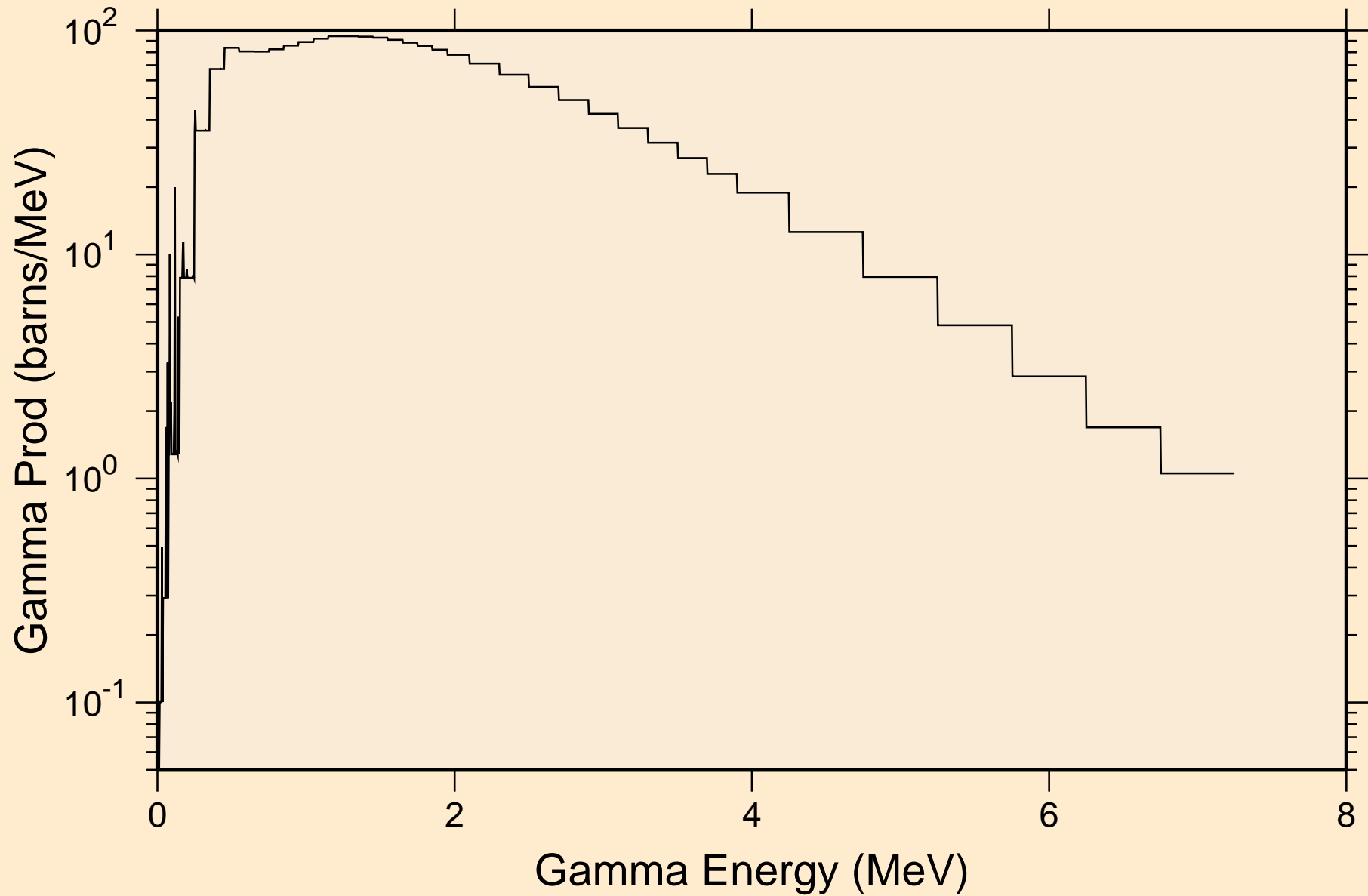
PM150 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



PM150 NRG TENDL-2015, AKONING  
Photon emission for (n,da)

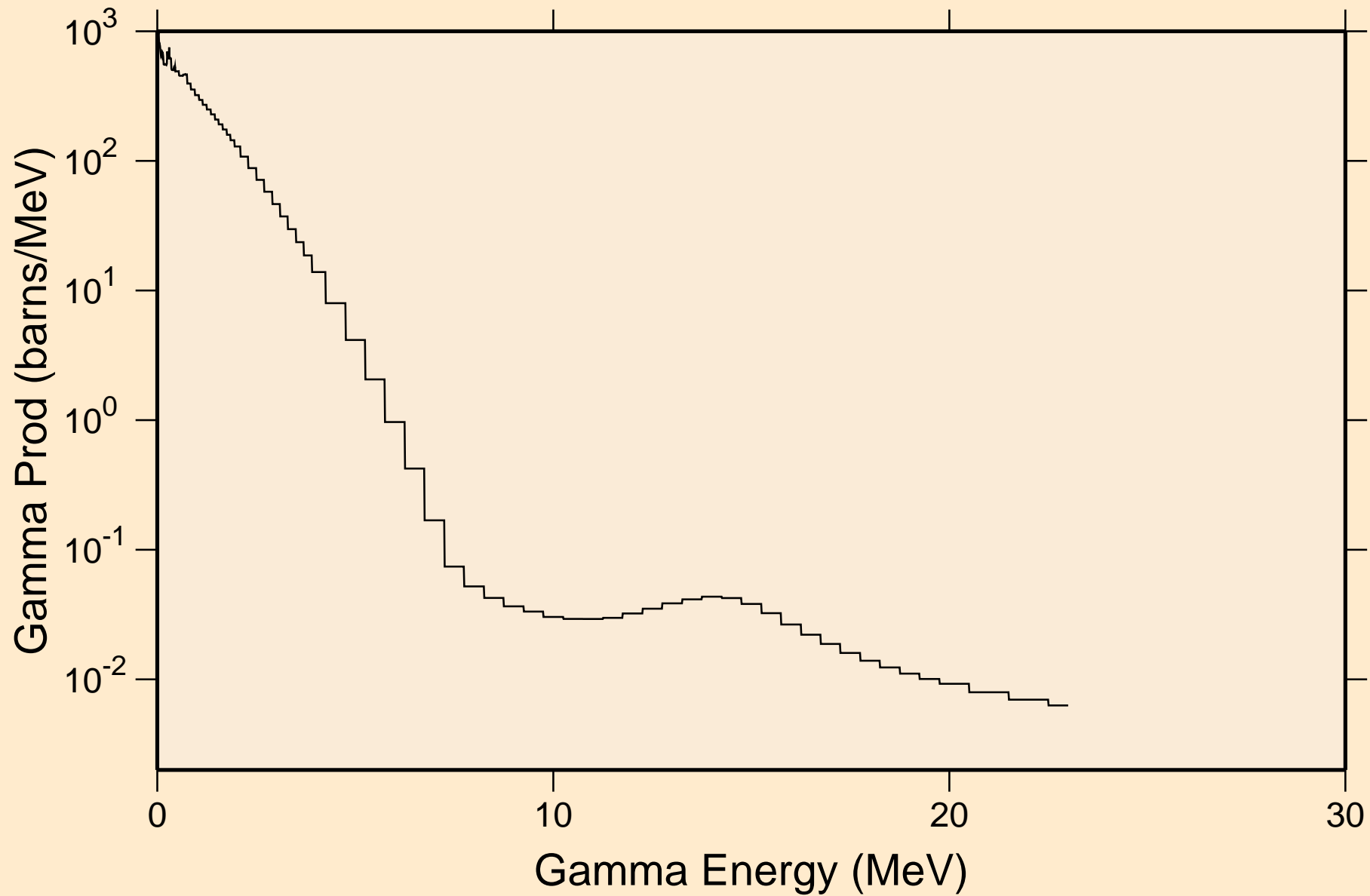


PM150 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



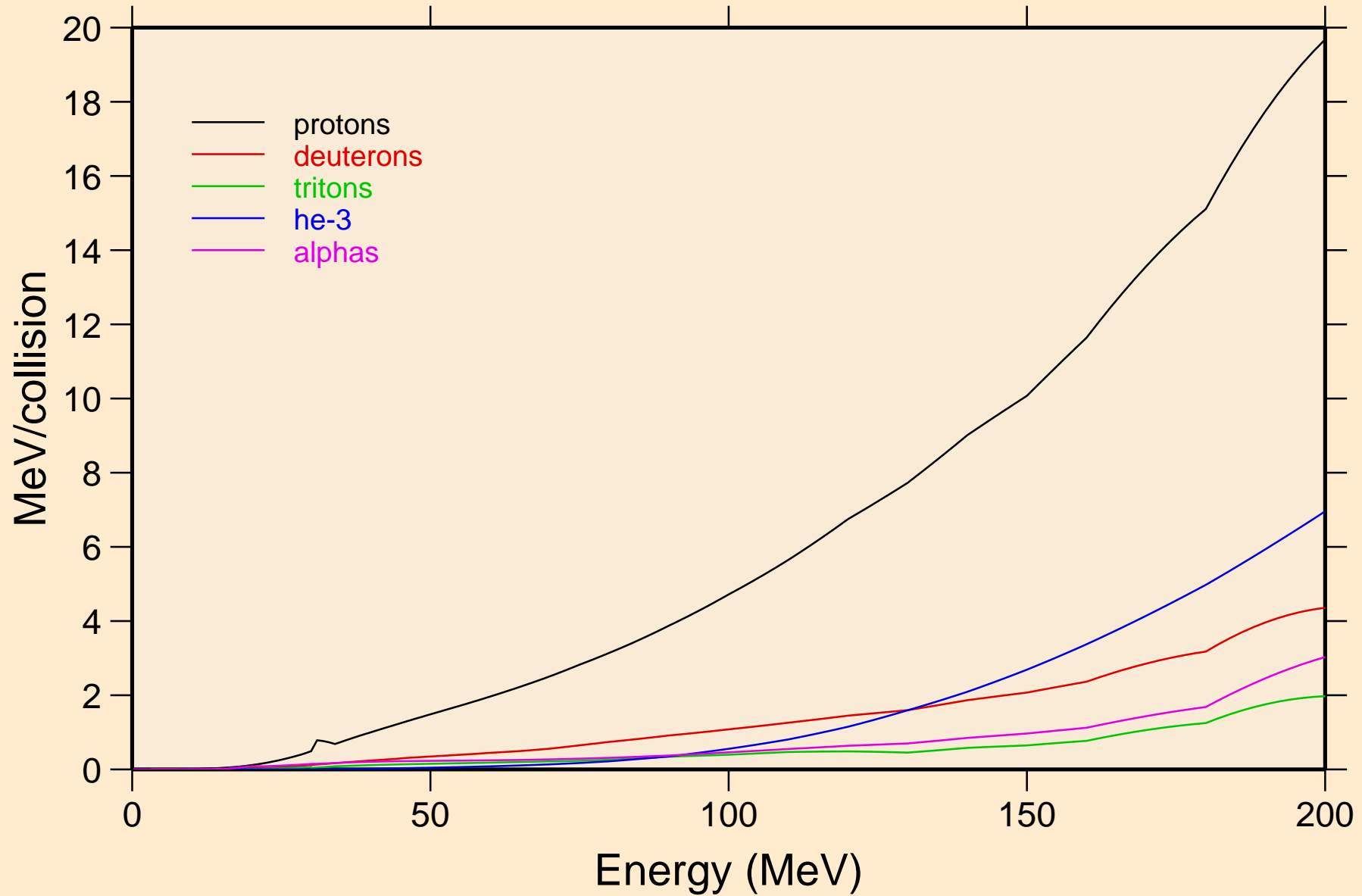


PM150 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



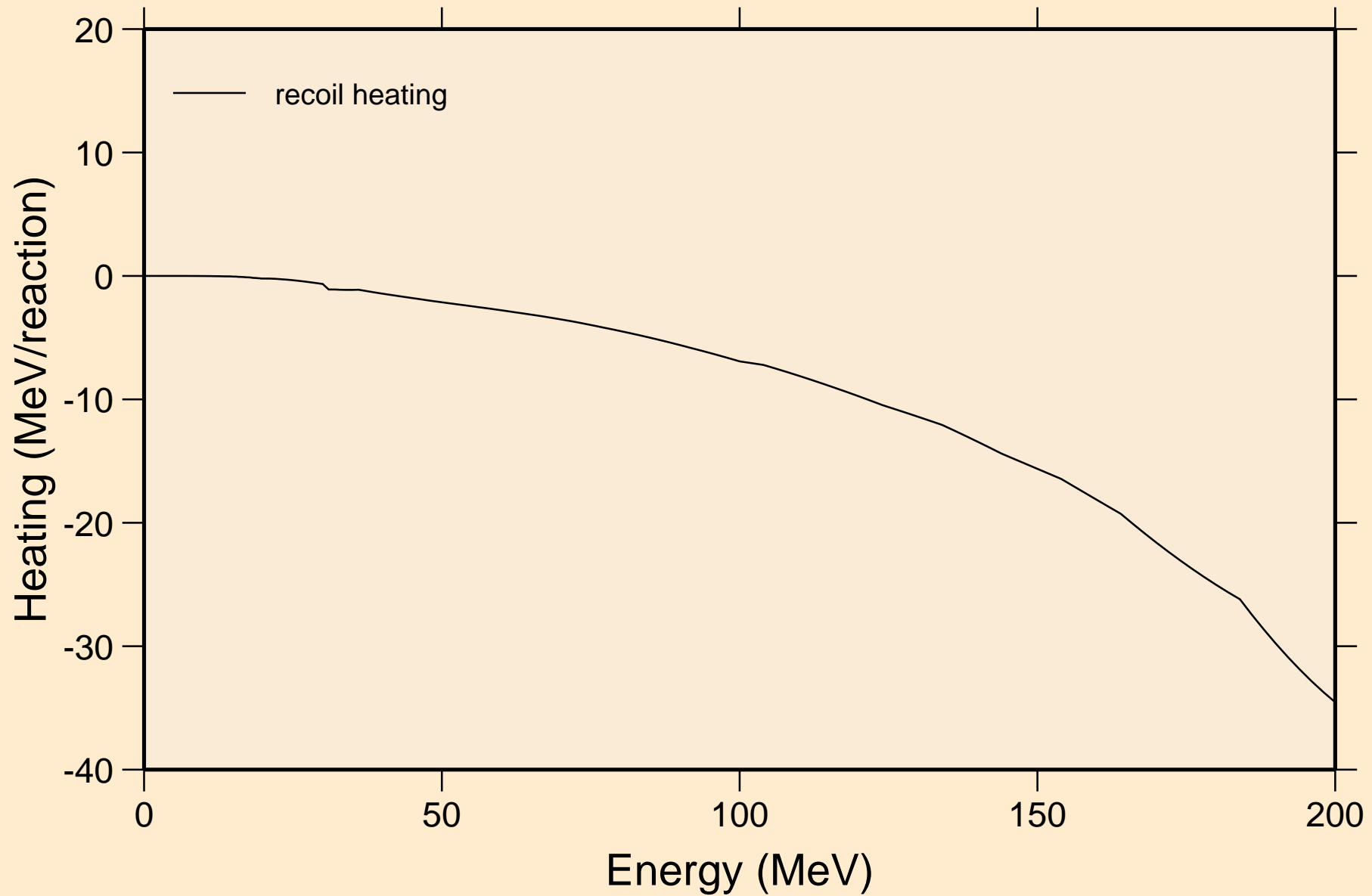
# PM150 NRG TENDL-2015, AKONING

## Particle heating contributions



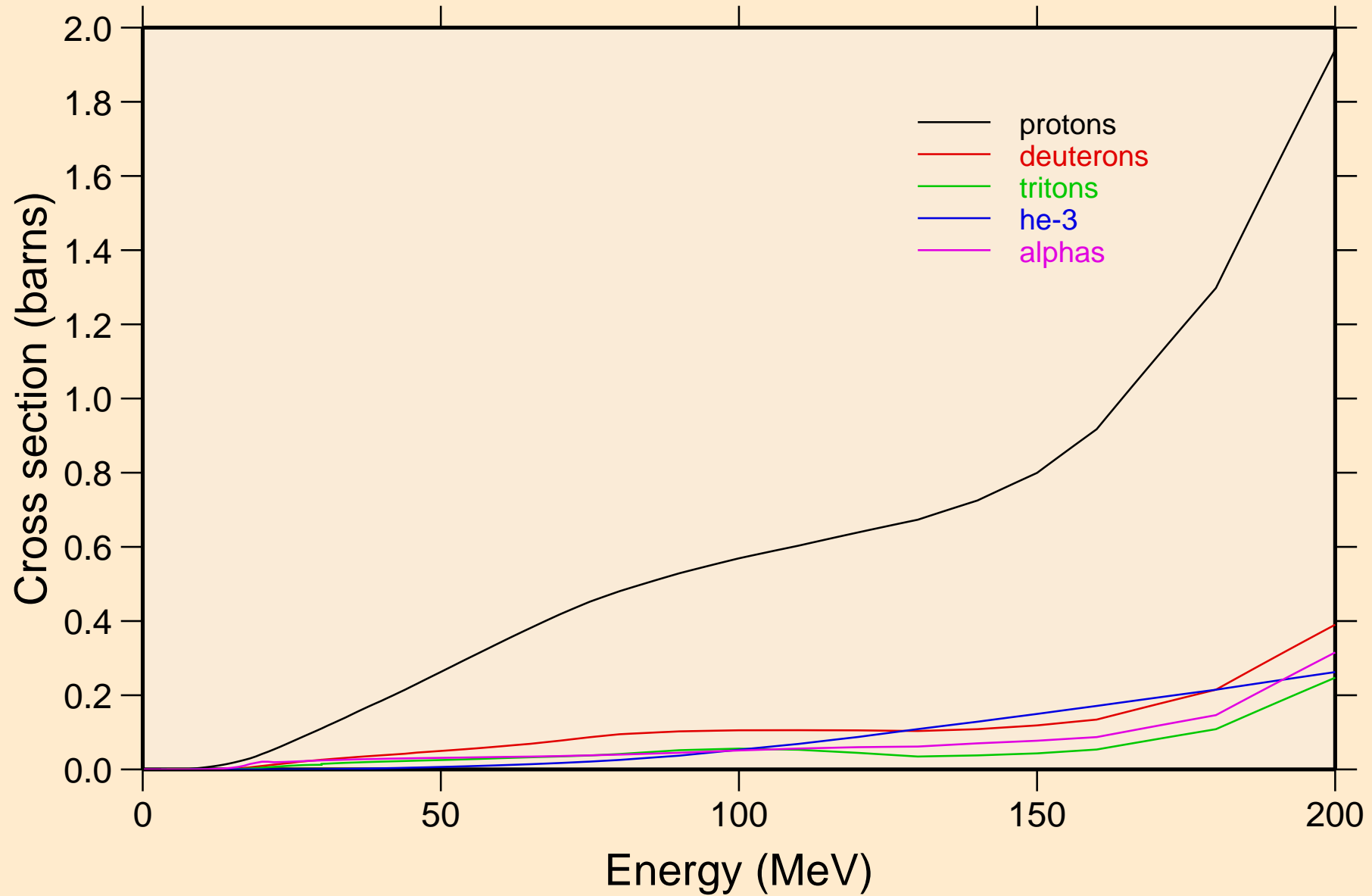
# PM150 NRG TENDL-2015, AKONING

## Recoil Heating

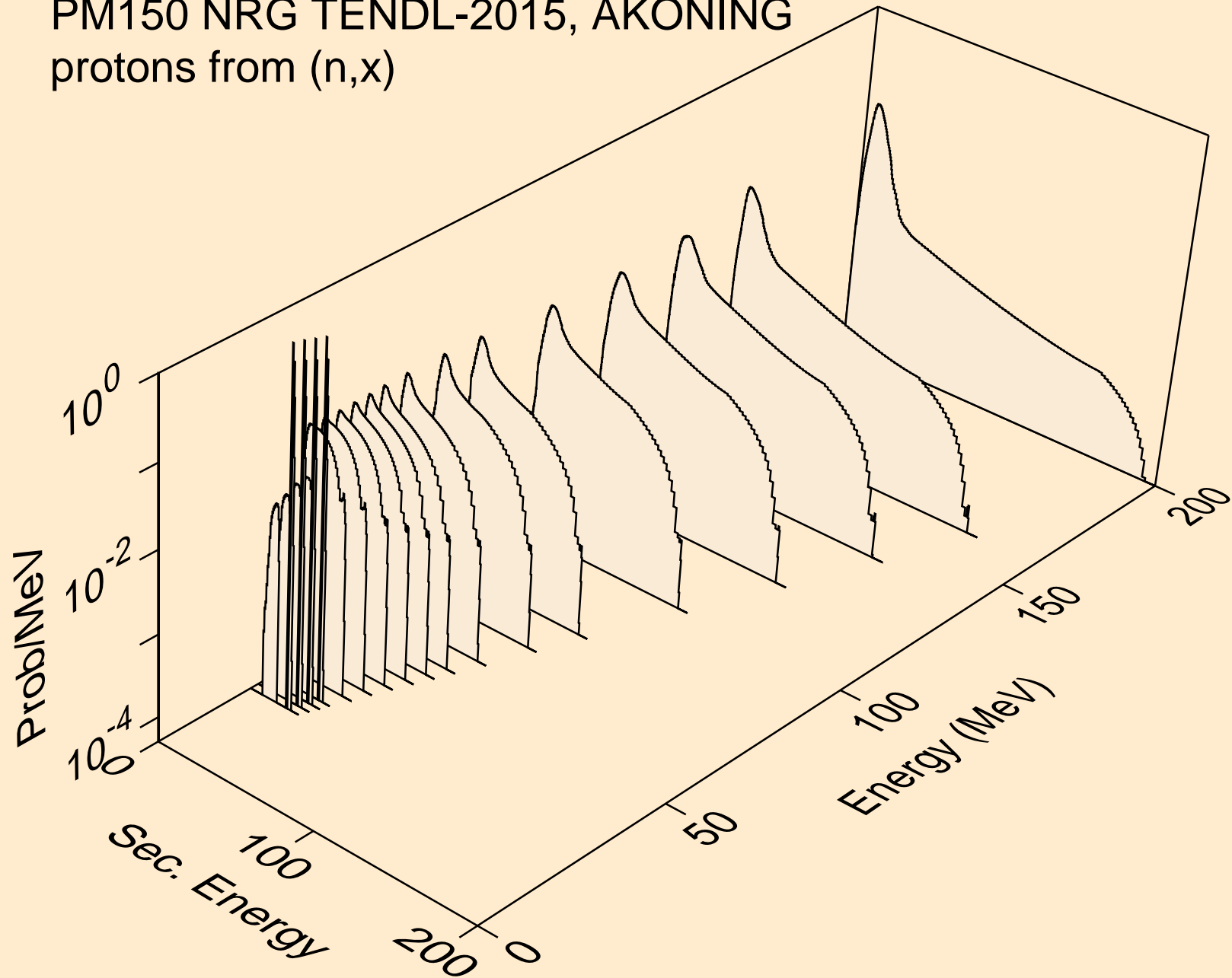


# PM150 NRG TENDL-2015, AKONING

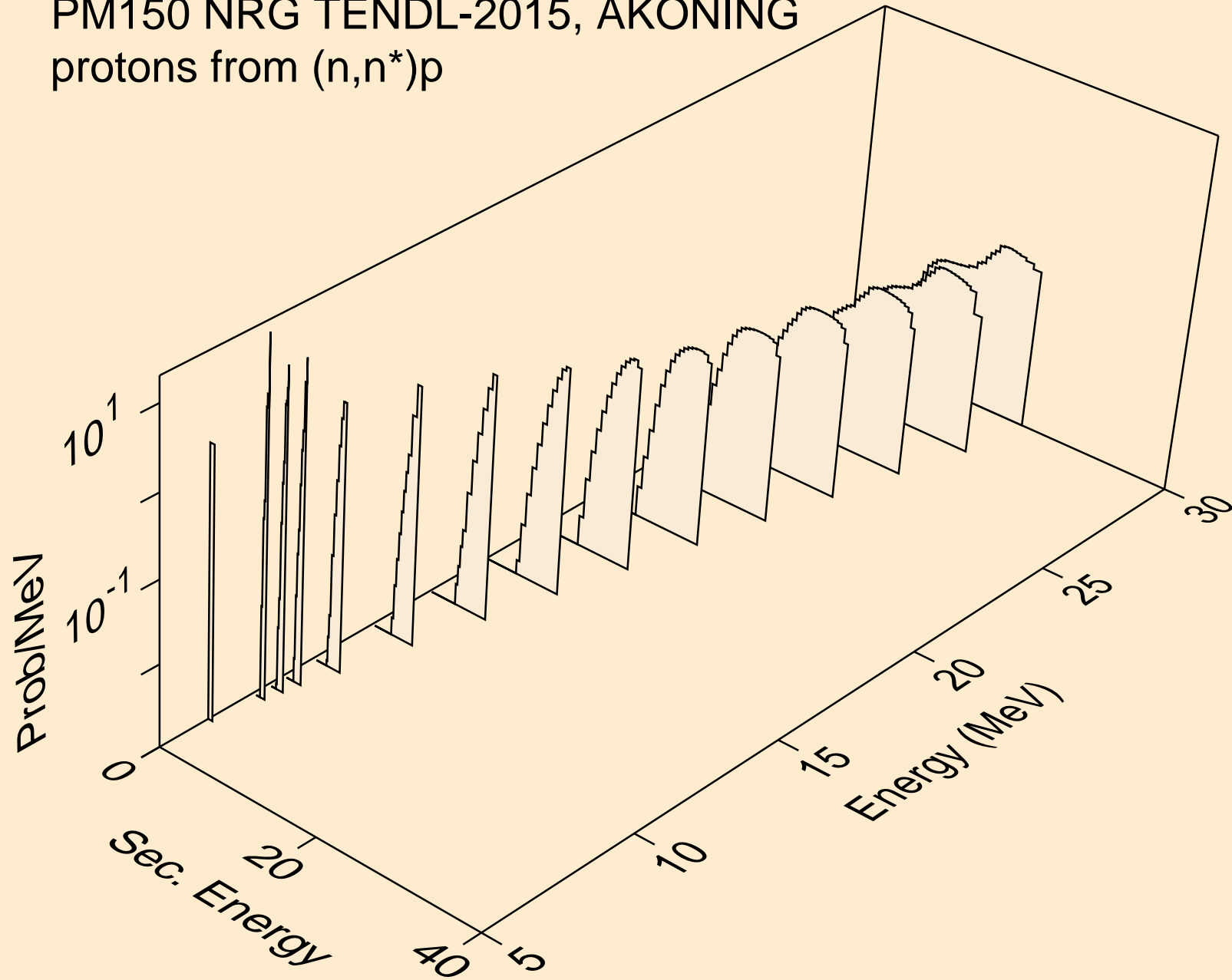
## Particle production cross sections



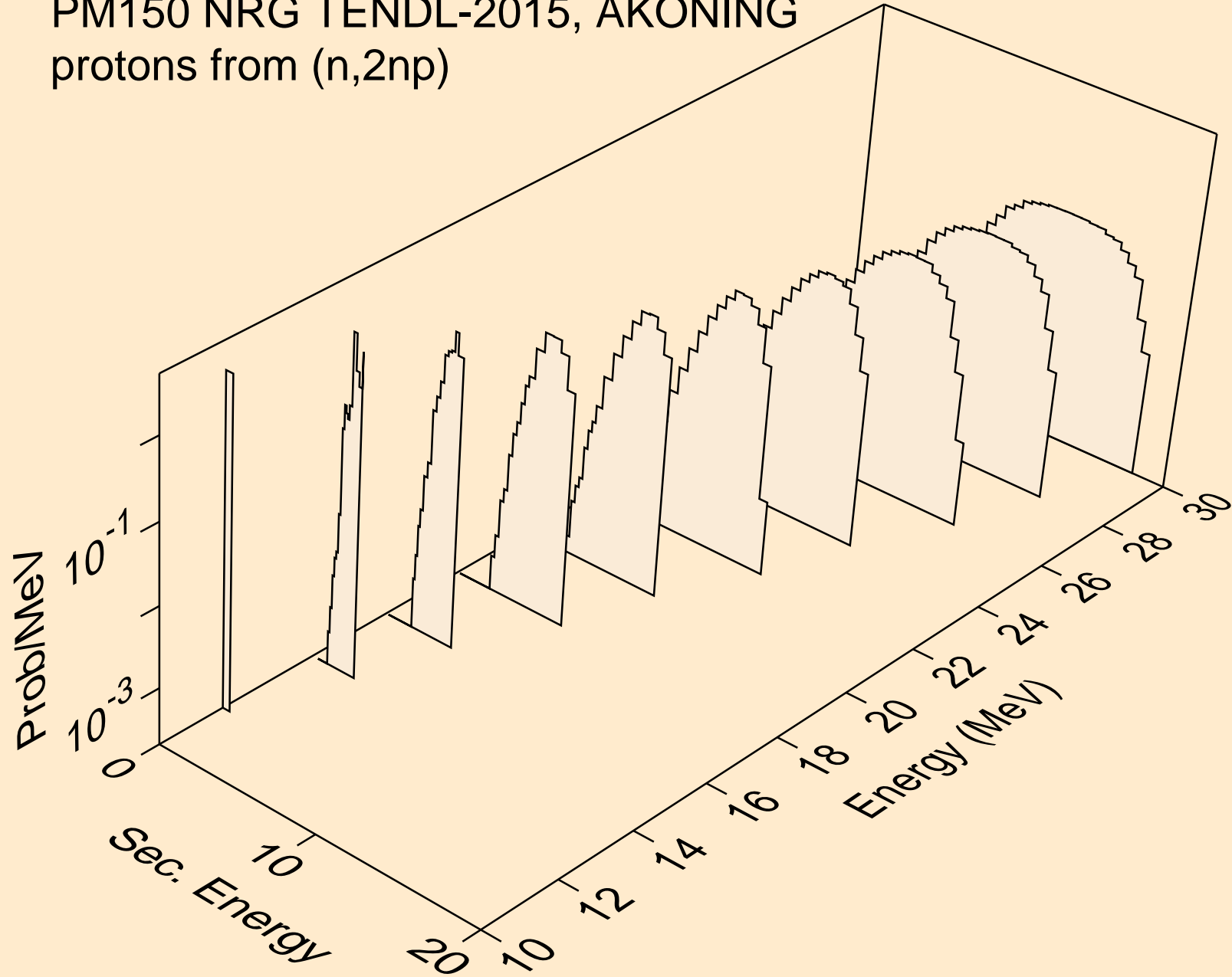
PM150 NRG TENDL-2015, AKONING  
protons from (n,x)



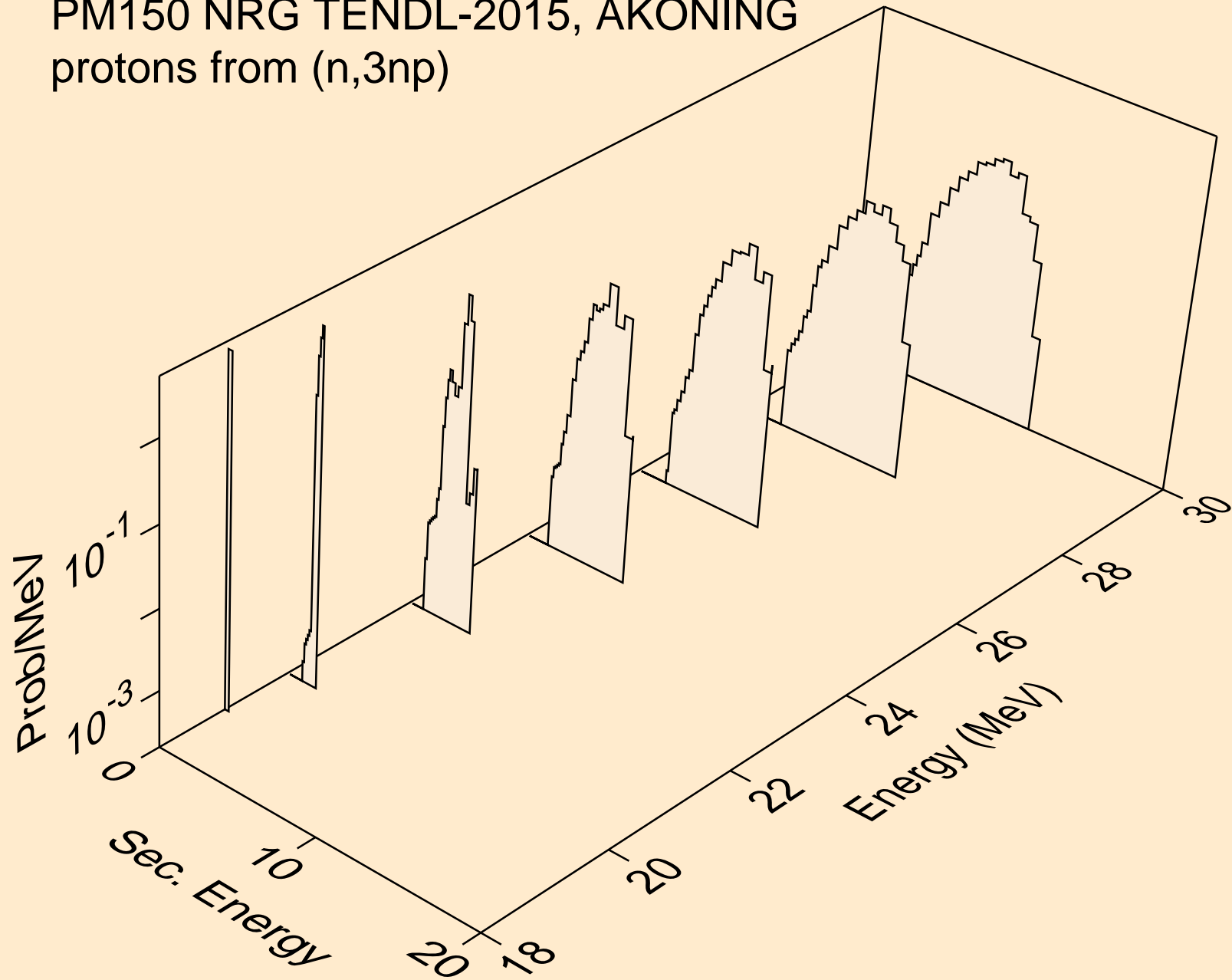
PM150 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



PM150 NRG TENDL-2015, AKONING  
protons from (n,2np)

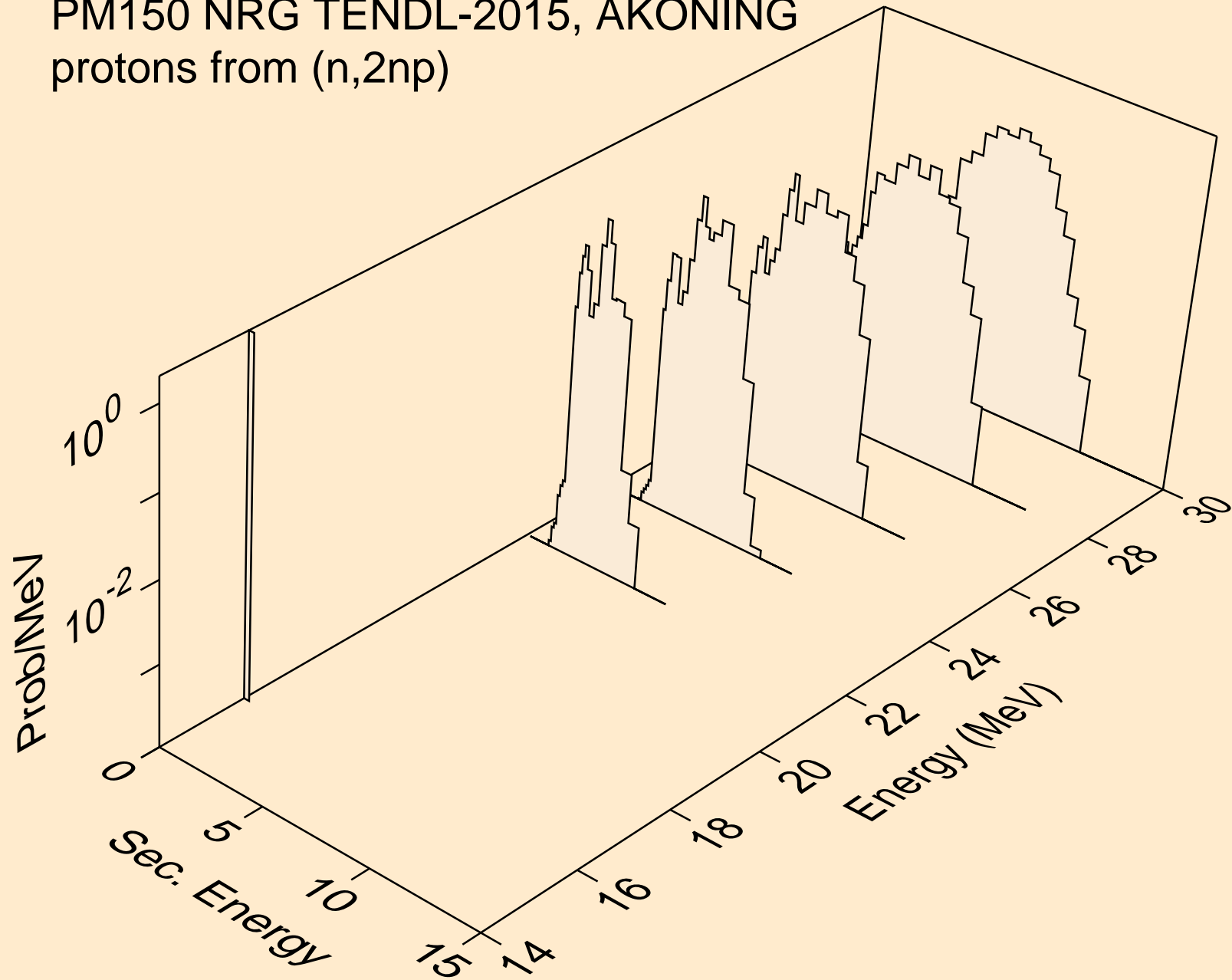


PM150 NRG TENDL-2015, AKONING  
protons from (n,3np)

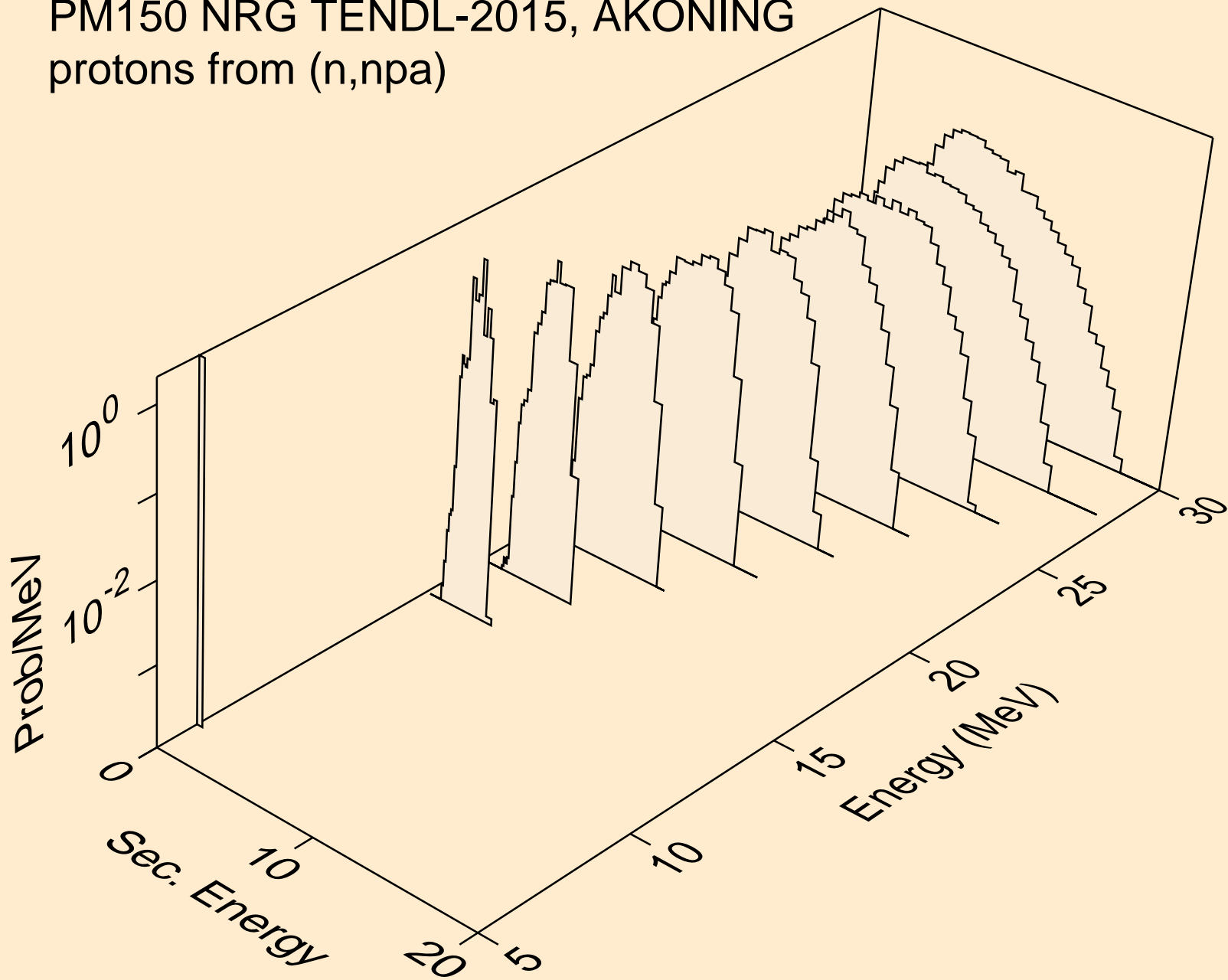




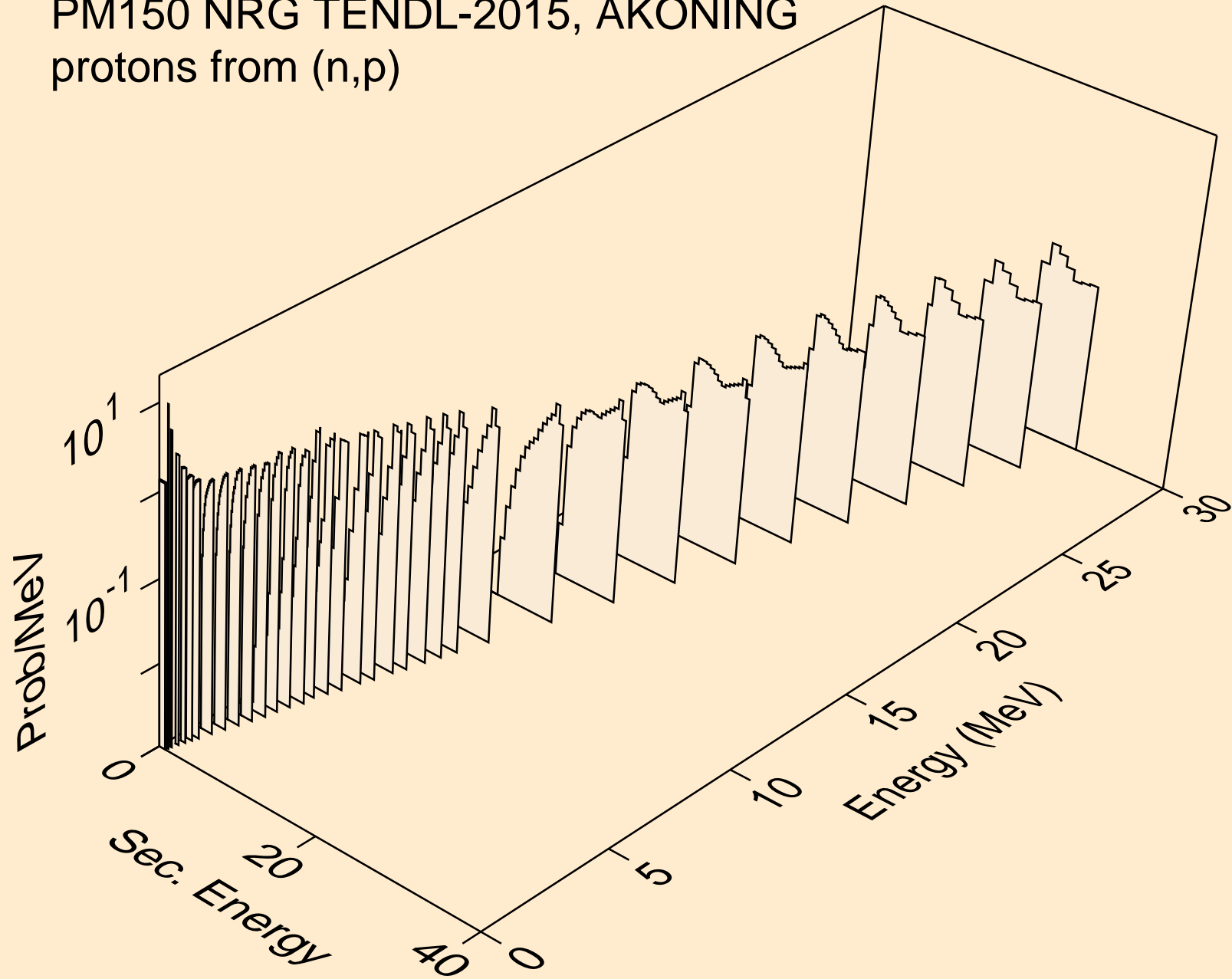
PM150 NRG TENDL-2015, AKONING  
protons from (n,2np)



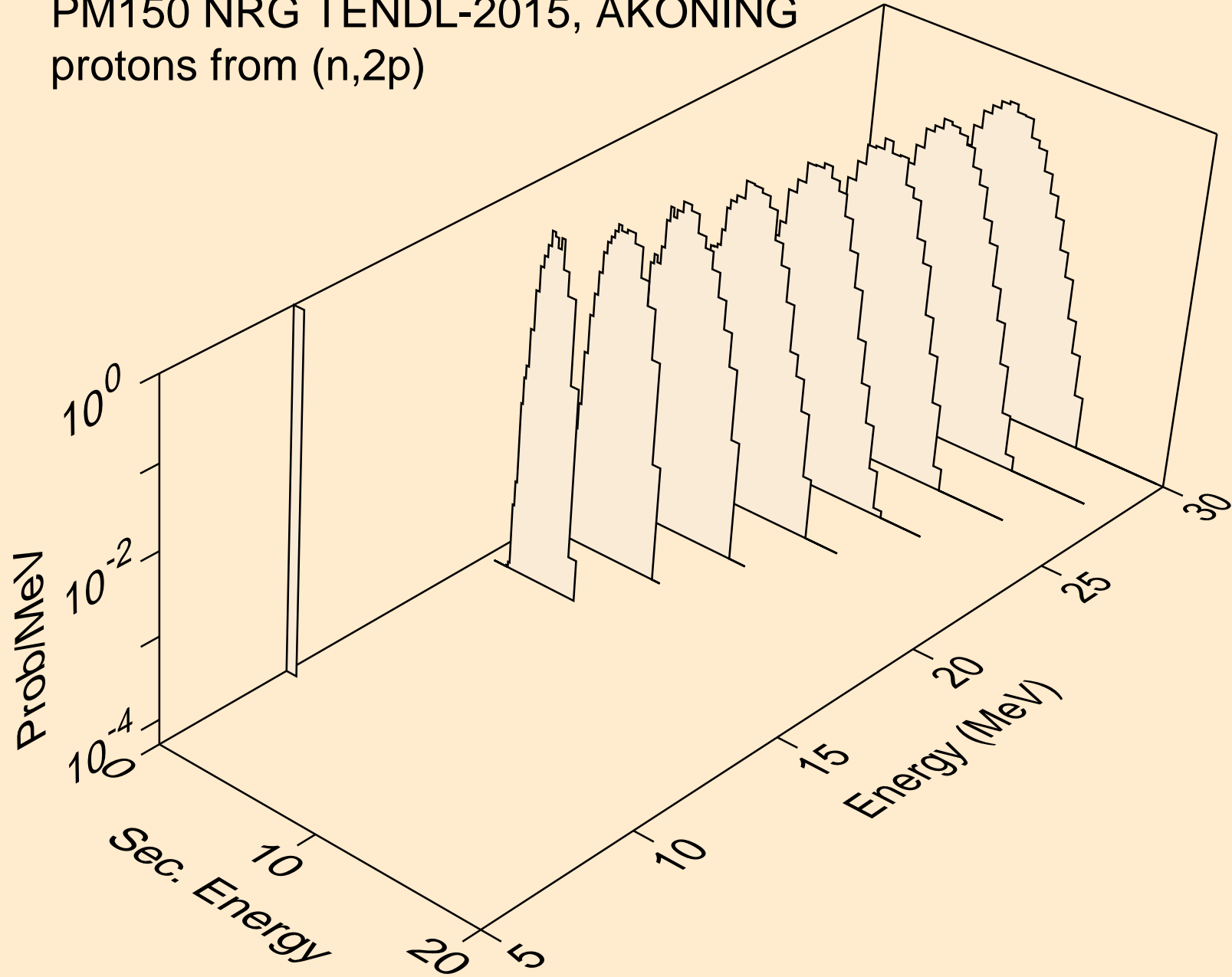
PM150 NRG TENDL-2015, AKONING  
protons from (n,npa)



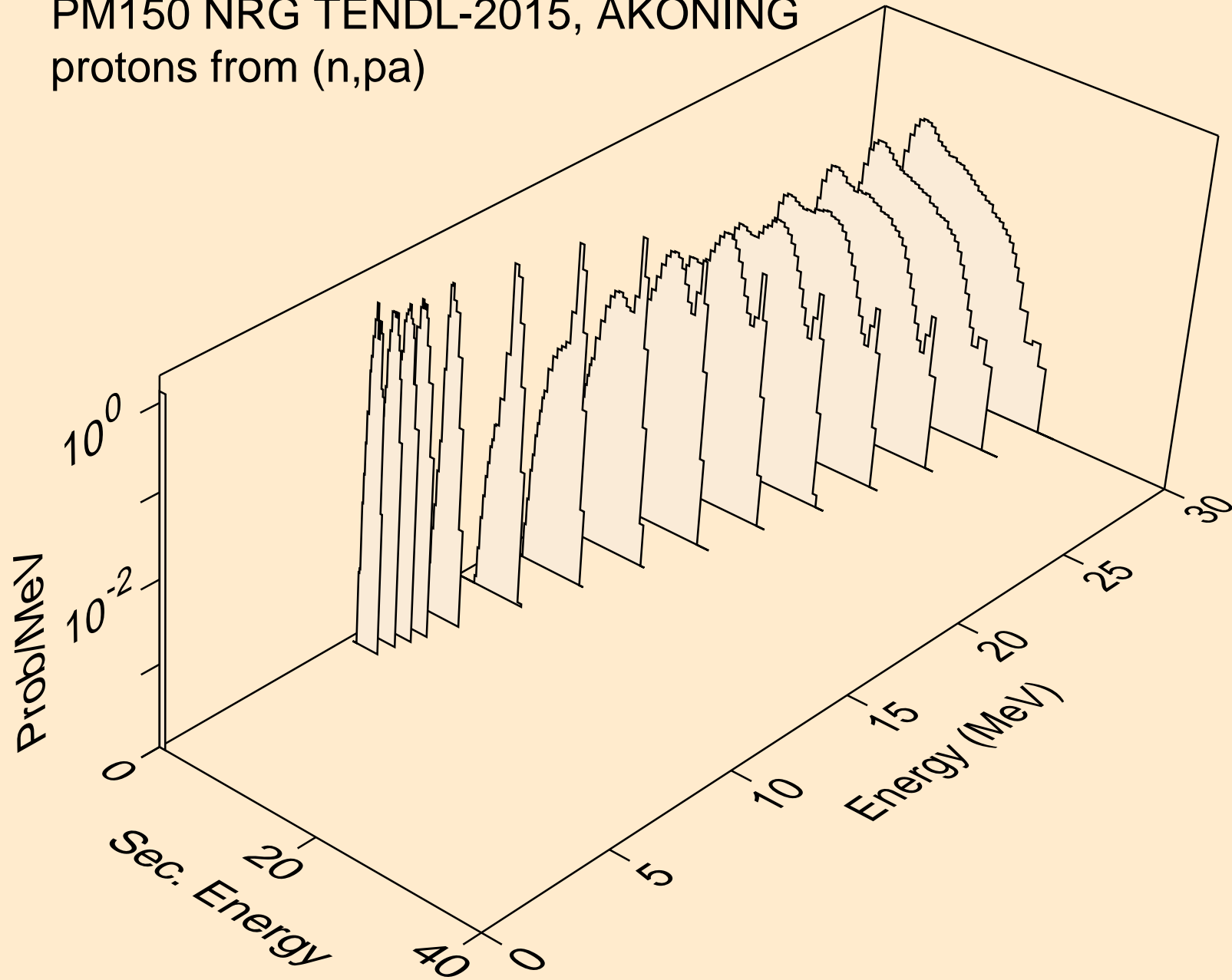
PM150 NRG TENDL-2015, AKONING  
protons from (n,p)



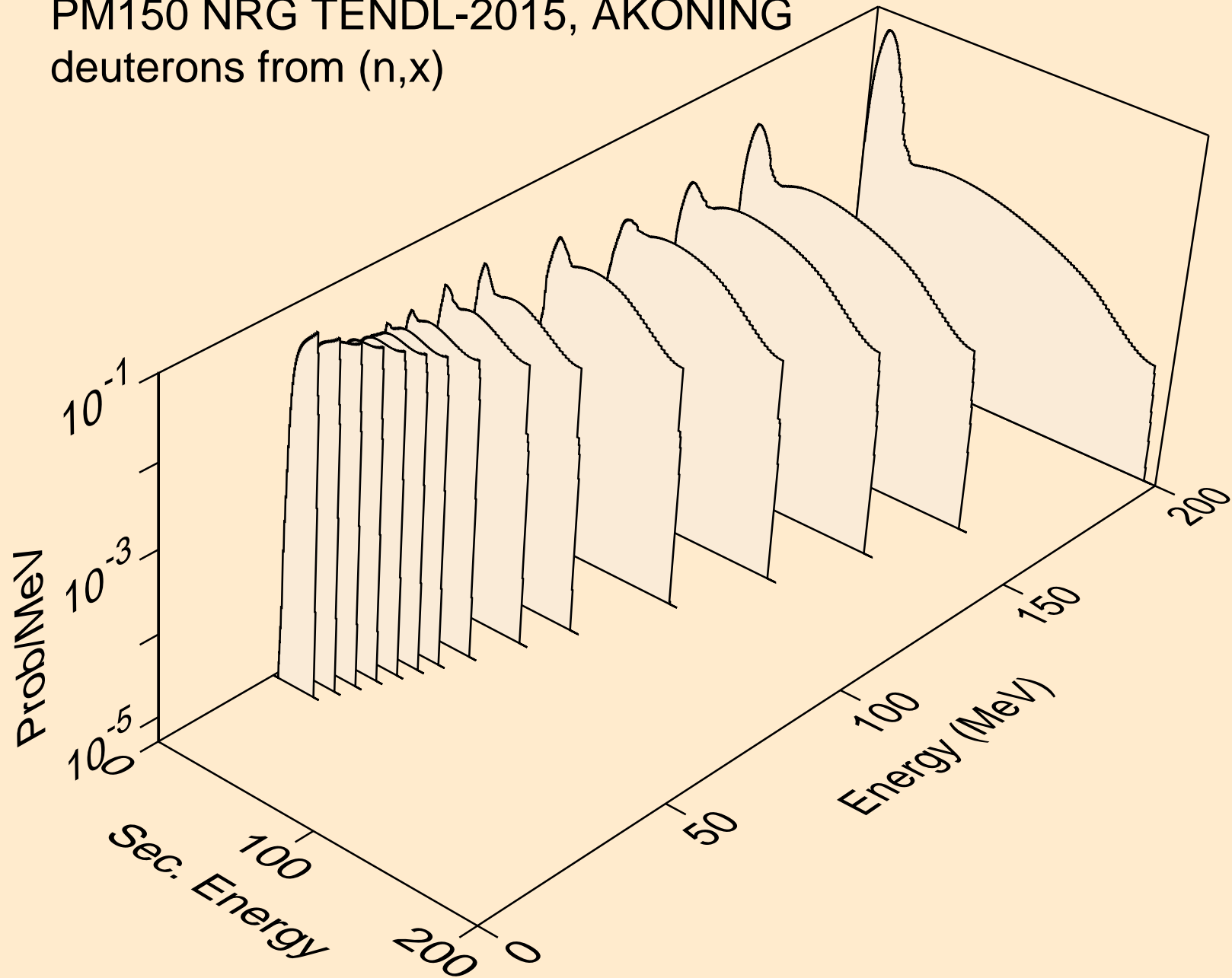
PM150 NRG TENDL-2015, AKONING  
protons from (n,2p)



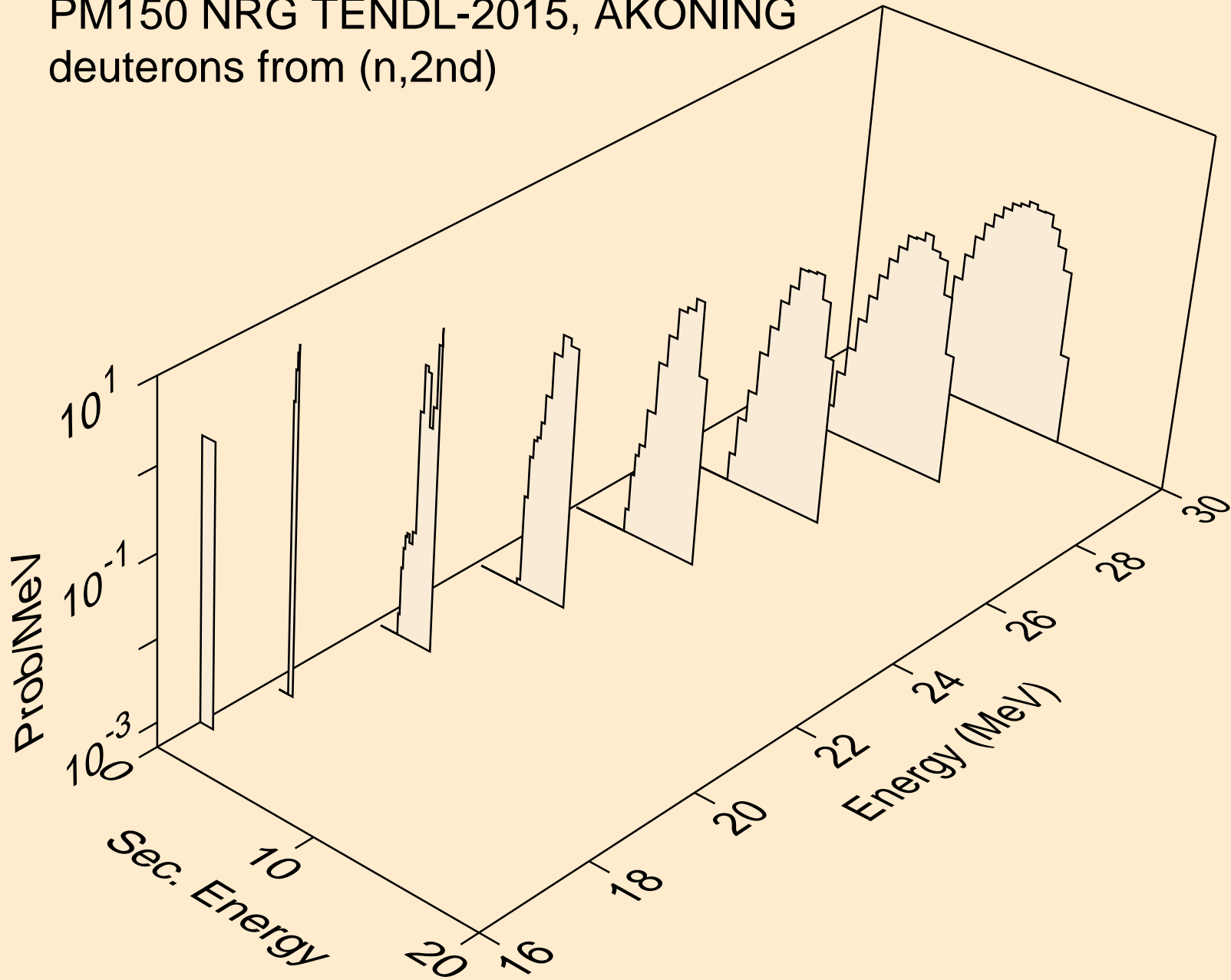
PM150 NRG TENDL-2015, AKONING  
protons from (n,pa)



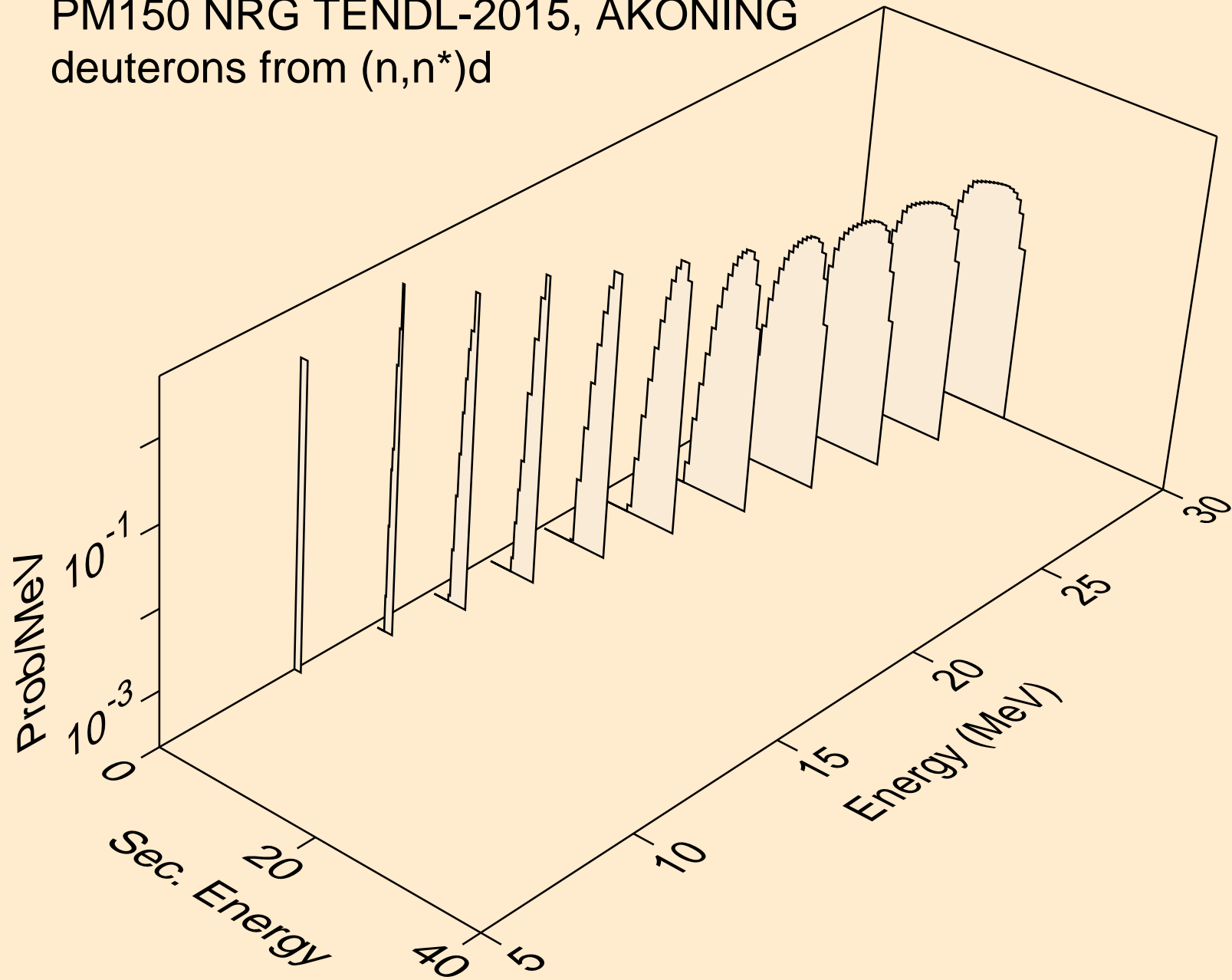
PM150 NRG TENDL-2015, AKONING  
deuterons from (n,x)



PM150 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)

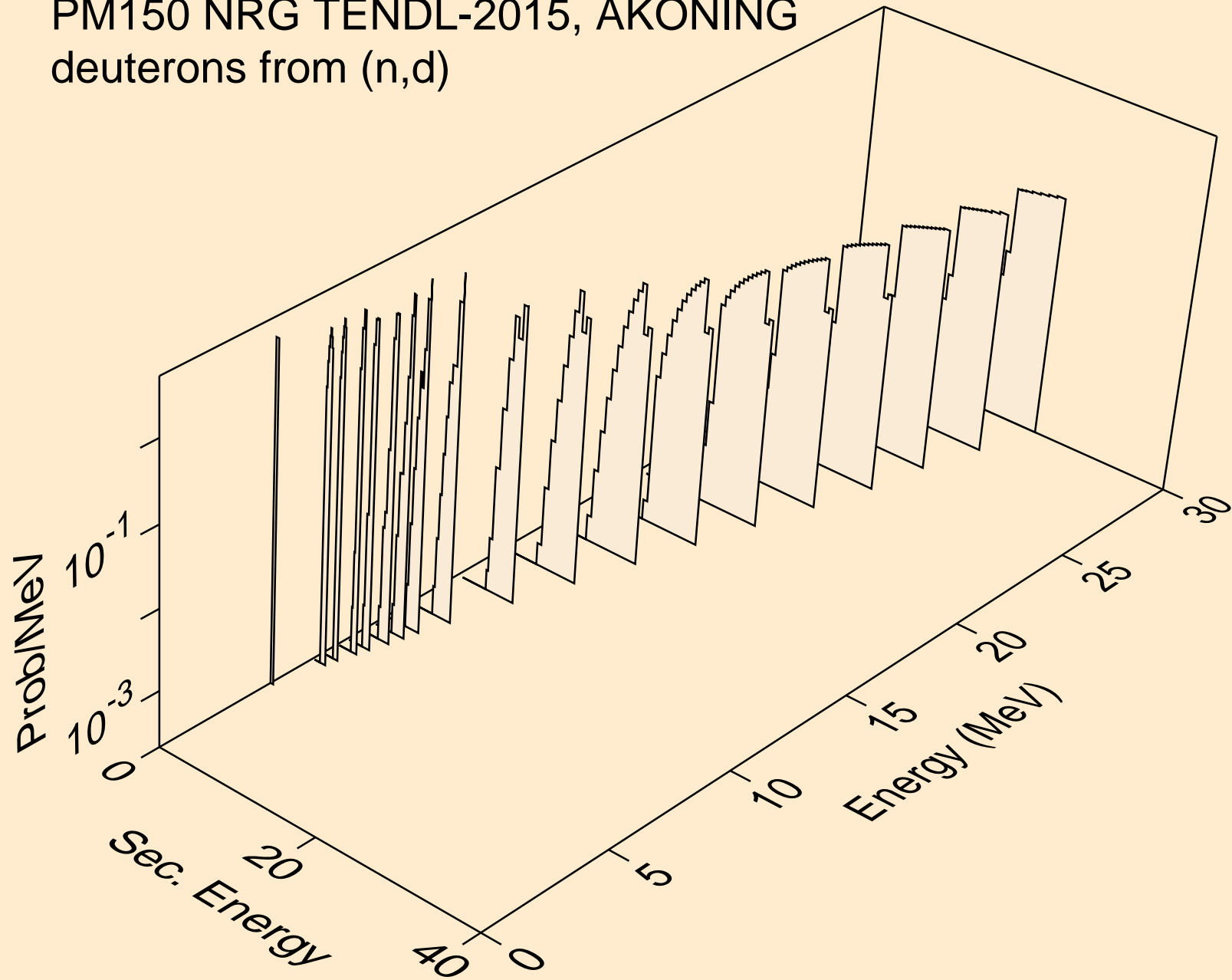


PM150 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

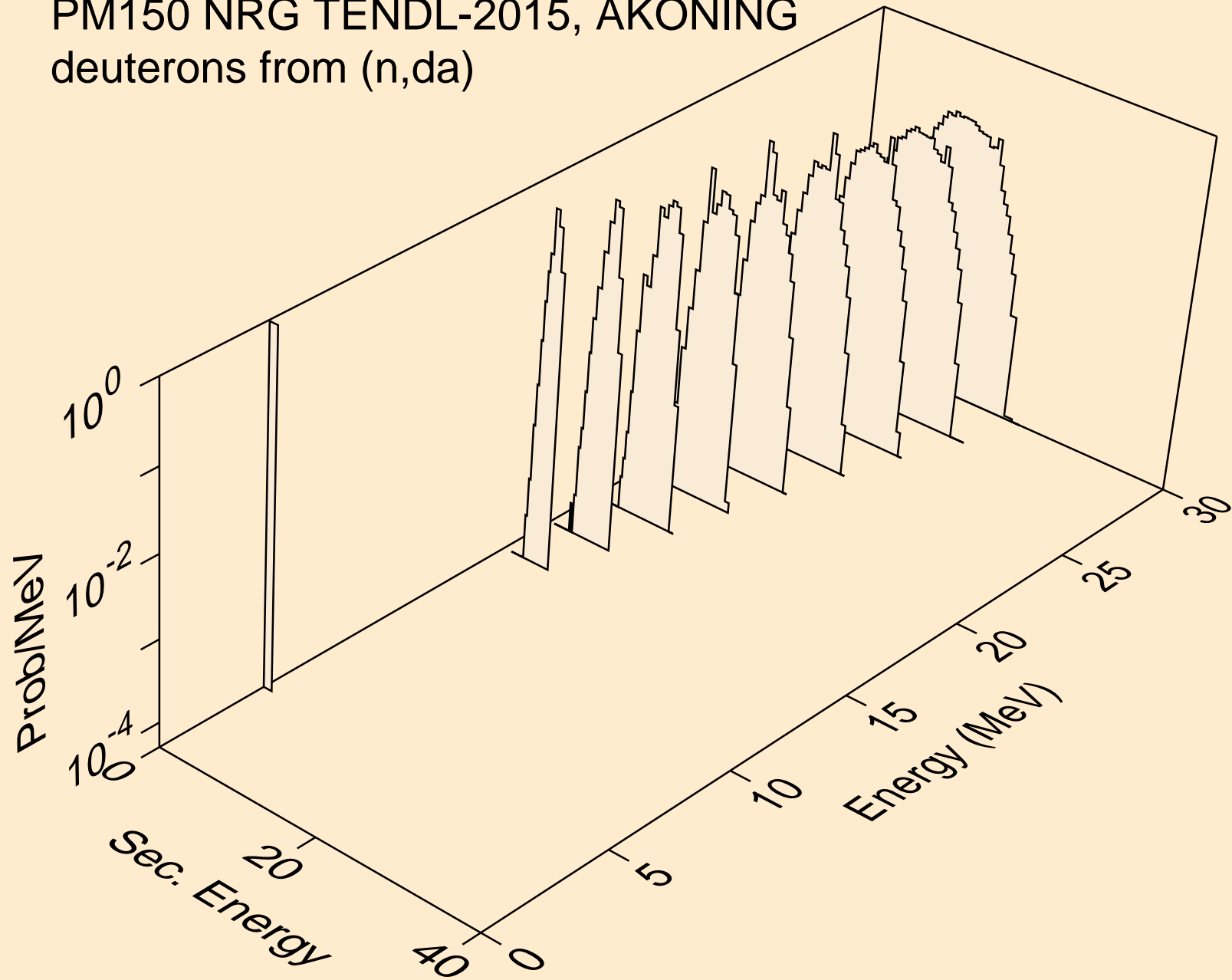




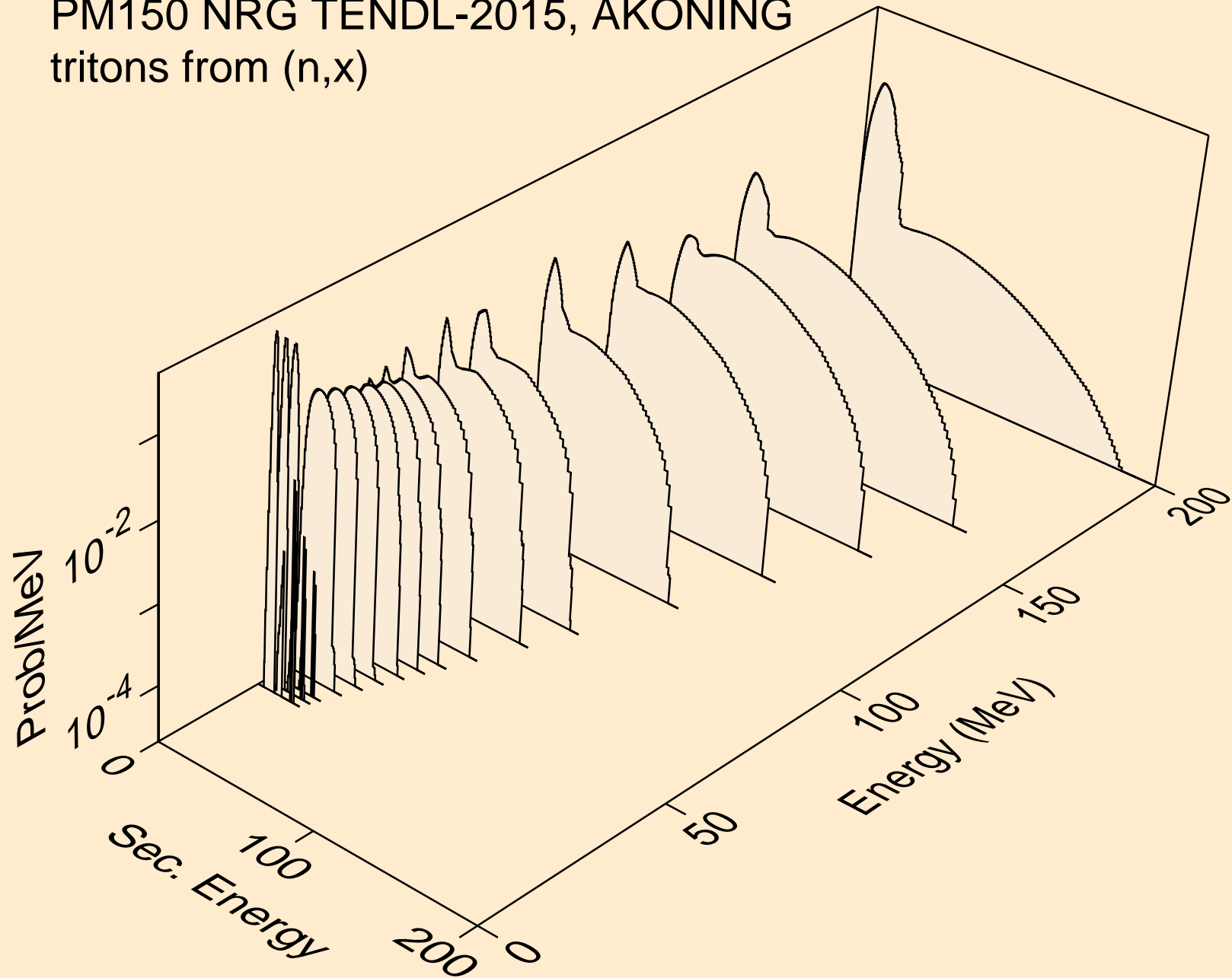
PM150 NRG TENDL-2015, AKONING  
deuterons from (n,d)



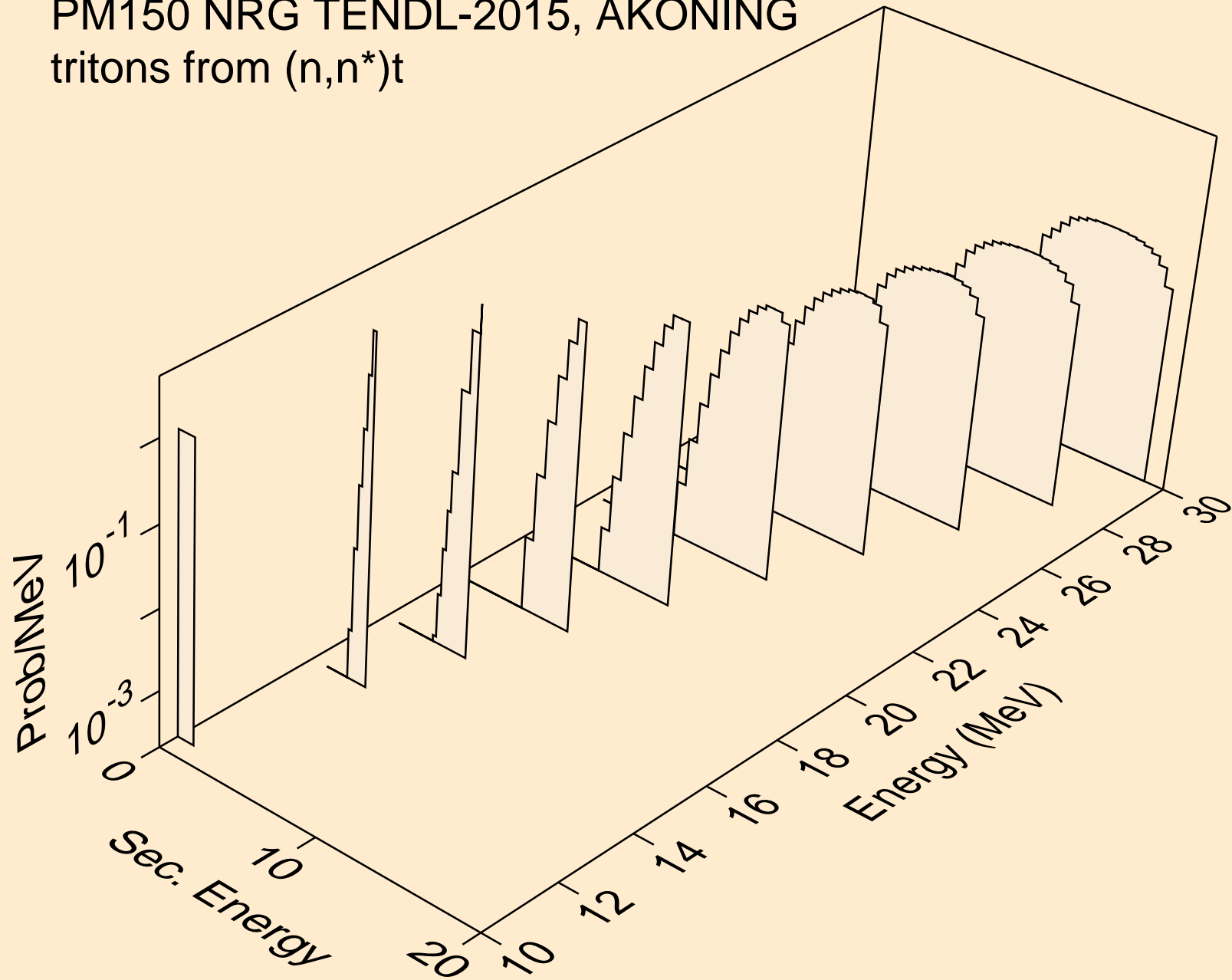
PM150 NRG TENDL-2015, AKONING  
deuterons from (n,da)



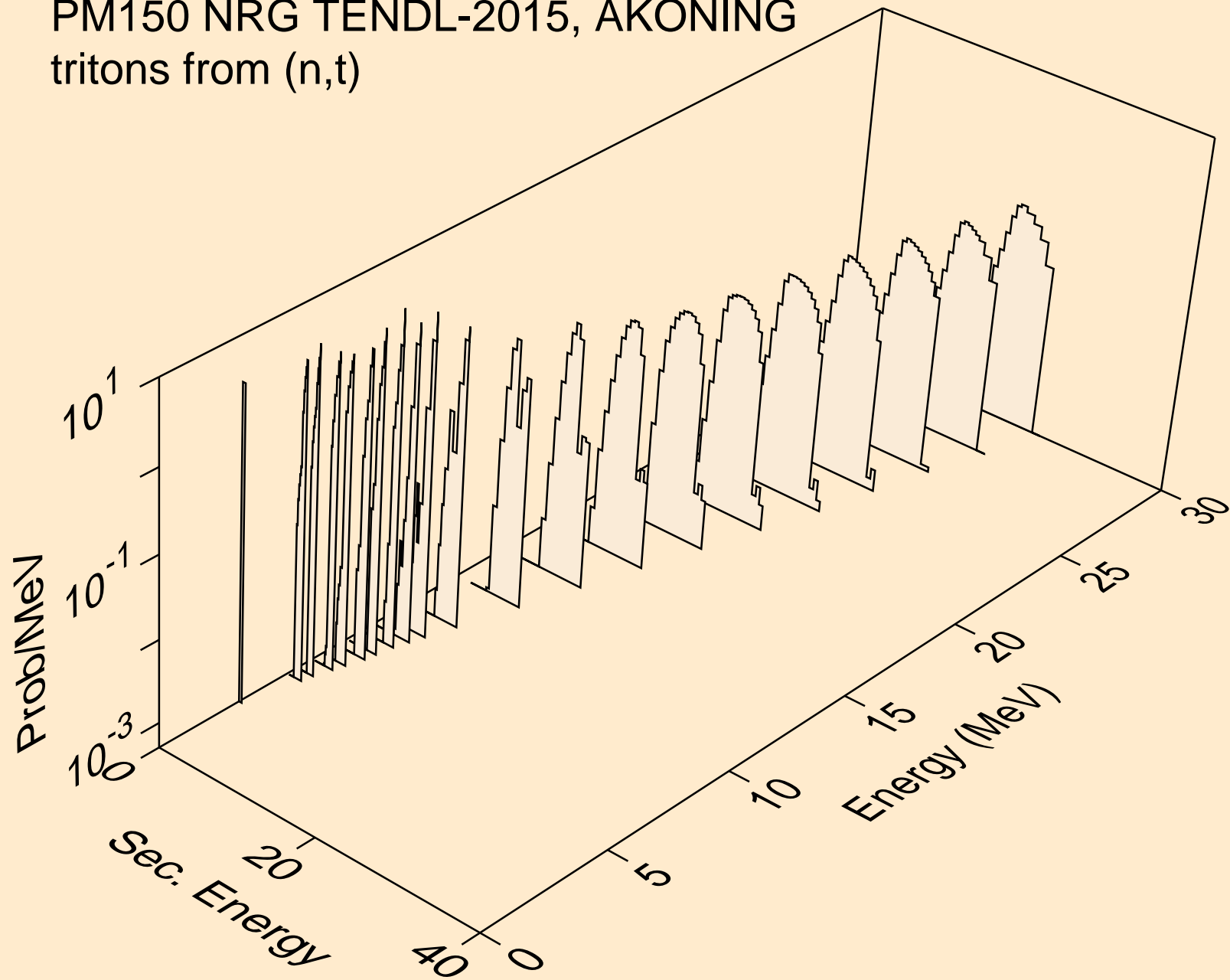
PM150 NRG TENDL-2015, AKONING  
tritons from (n,x)



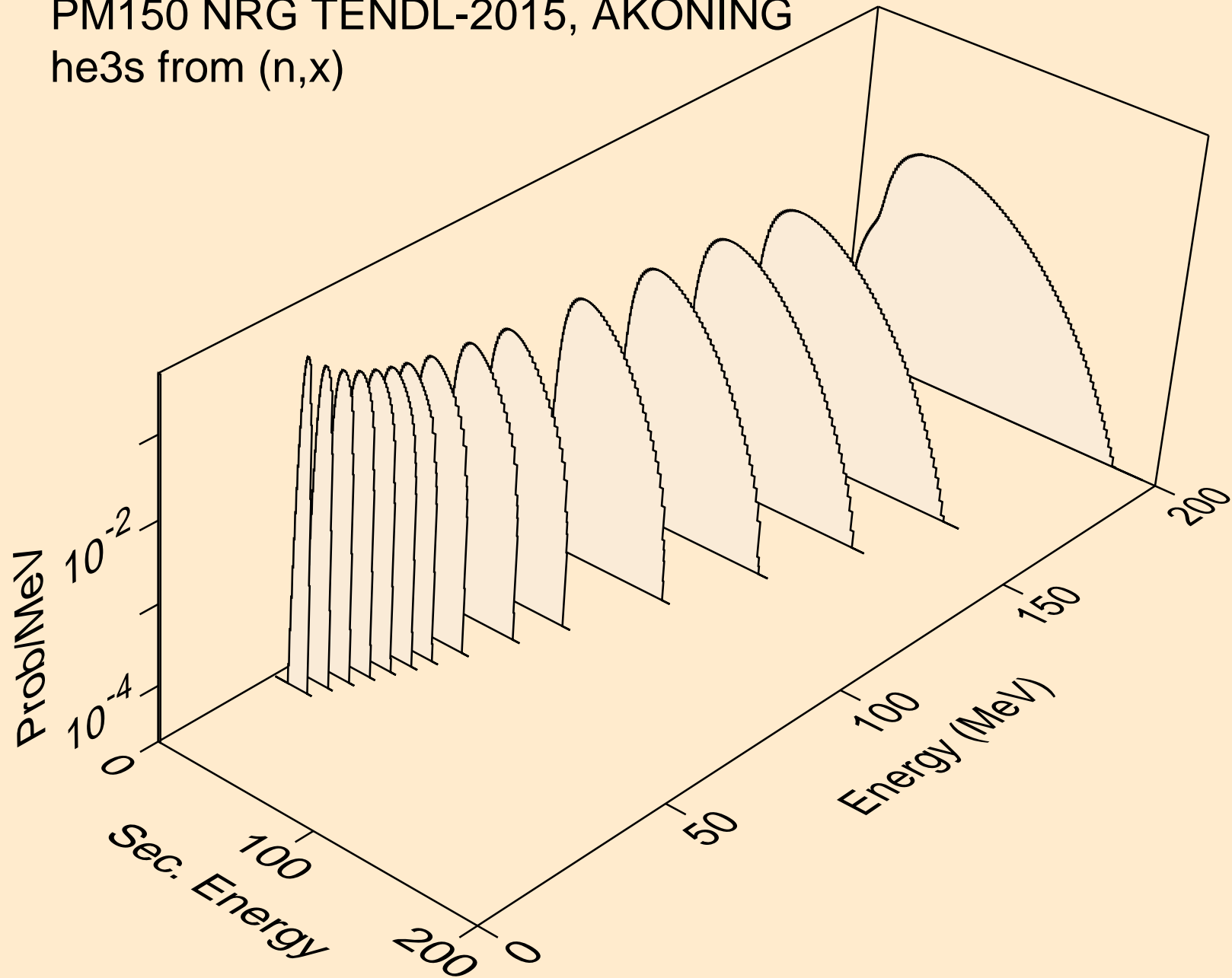
PM150 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



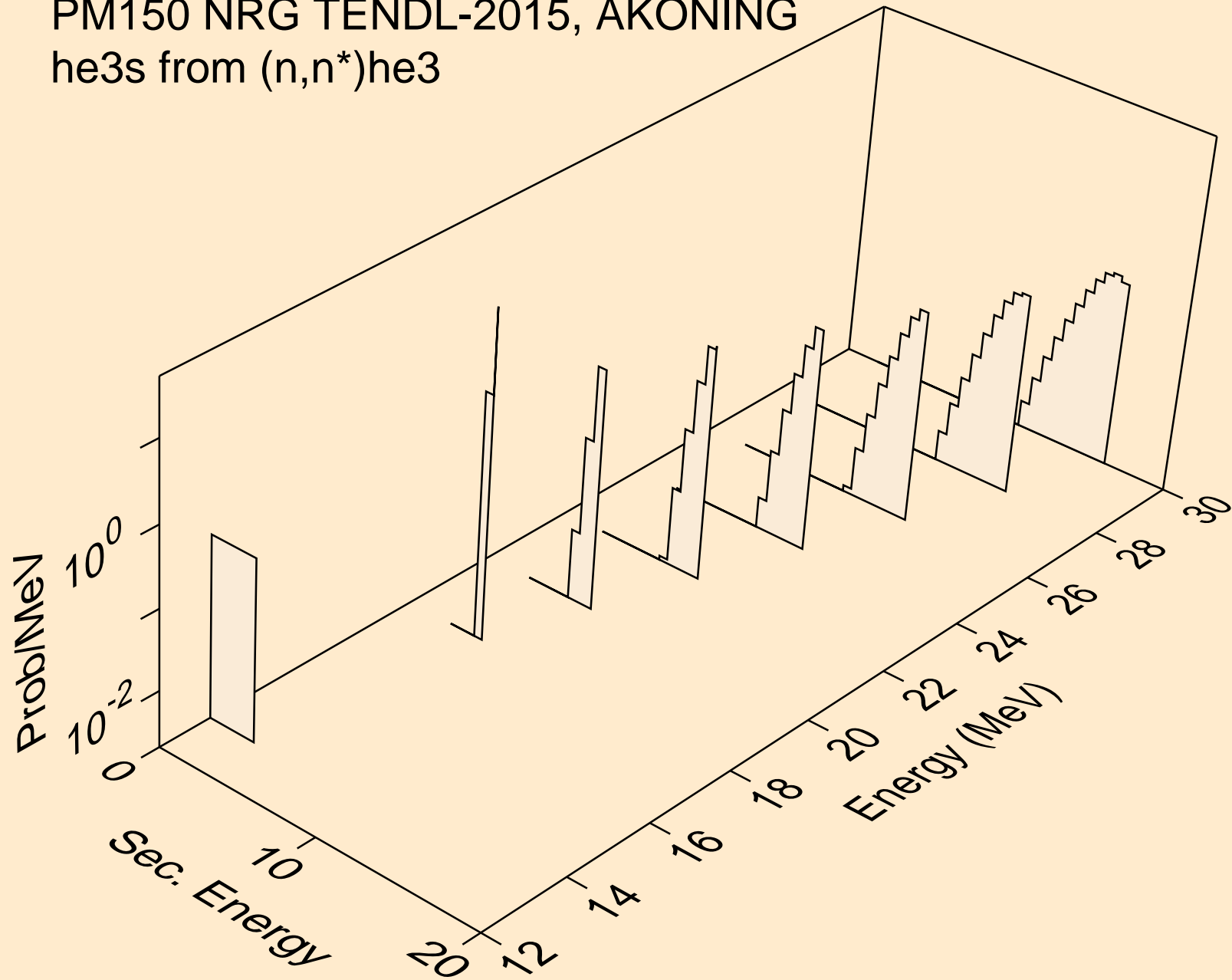
PM150 NRG TENDL-2015, AKONING  
tritons from (n,t)



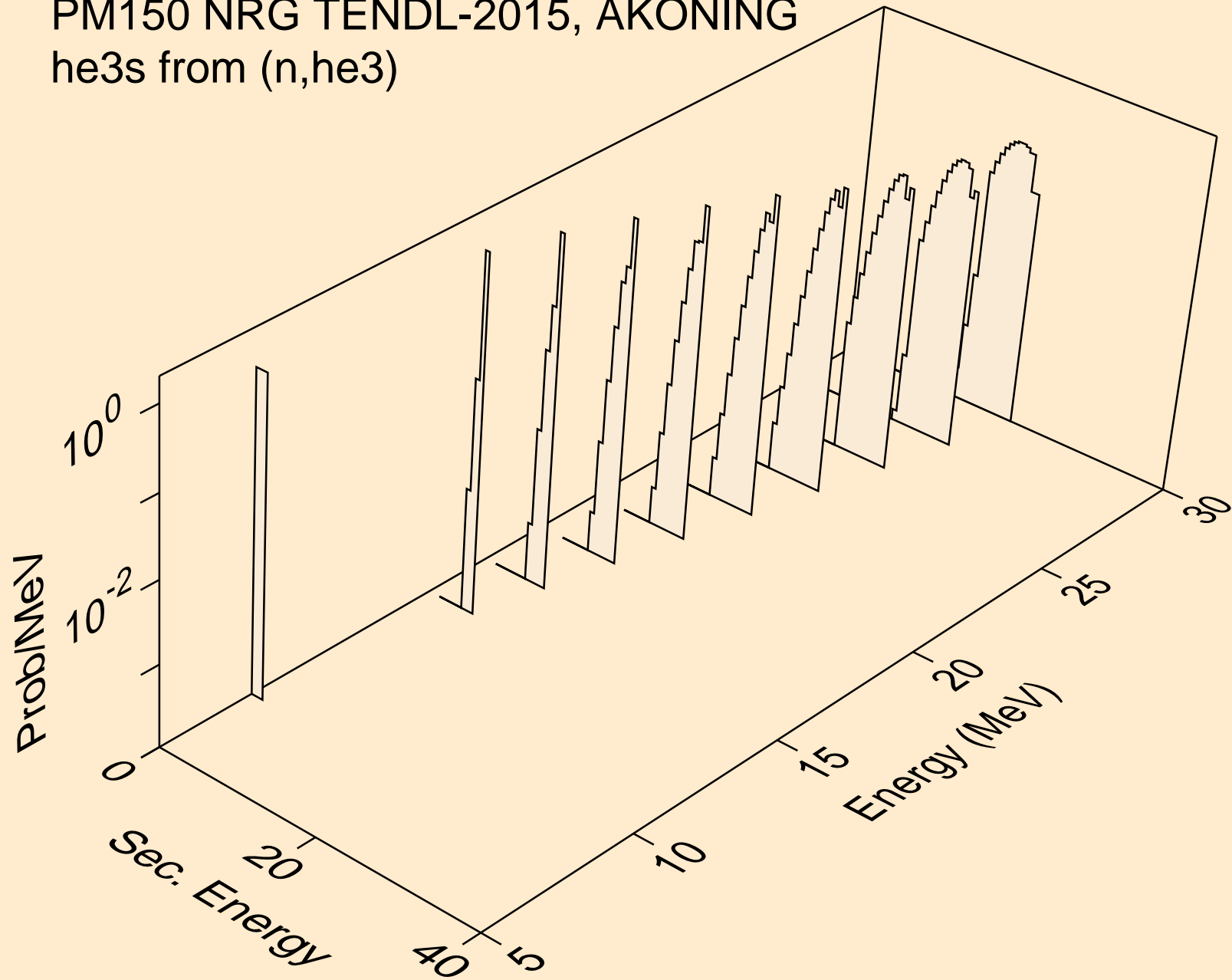
PM150 NRG TENDL-2015, AKONING  
he3s from (n,x)



PM150 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

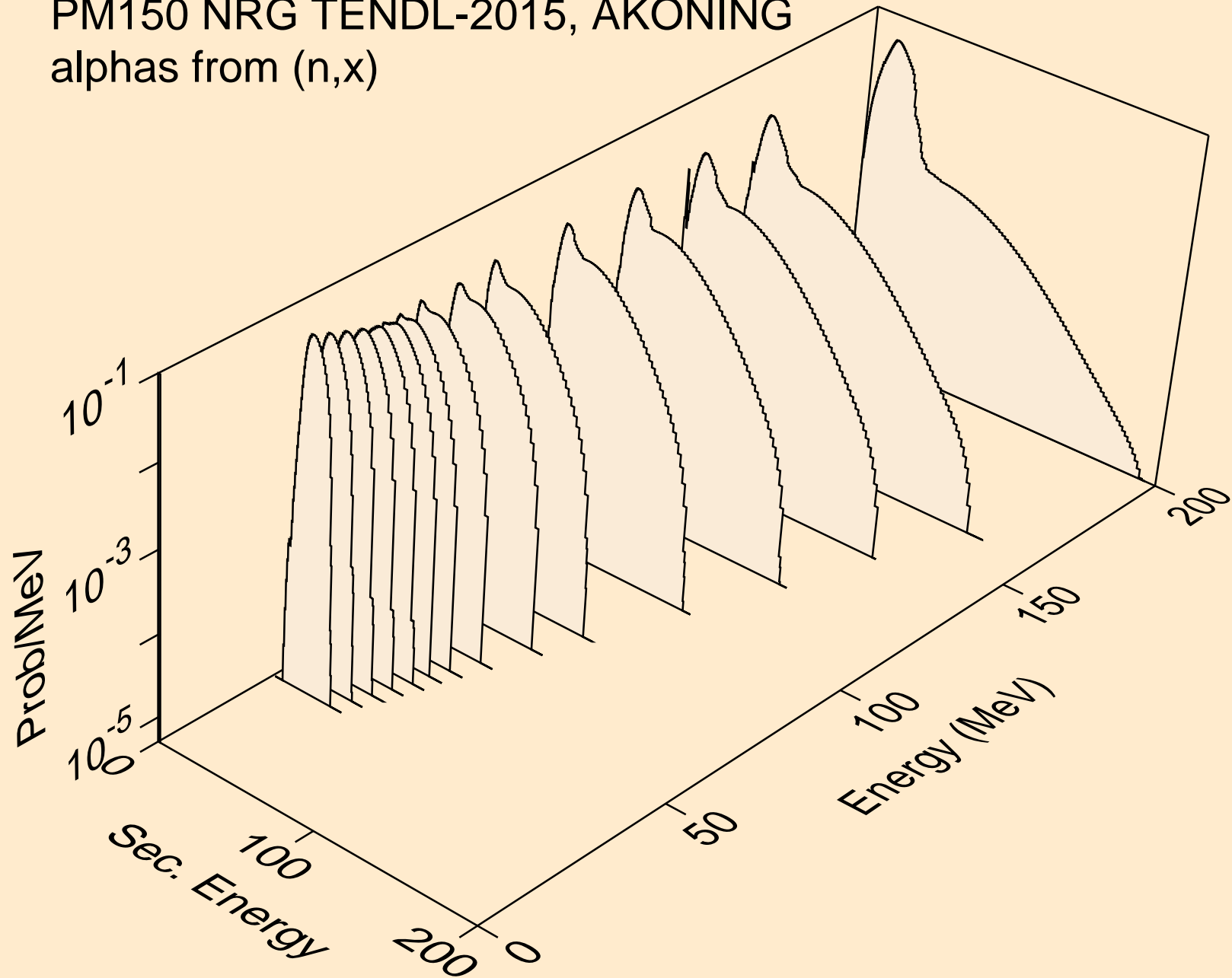


PM150 NRG TENDL-2015, AKONING  
he3s from (n,he3)

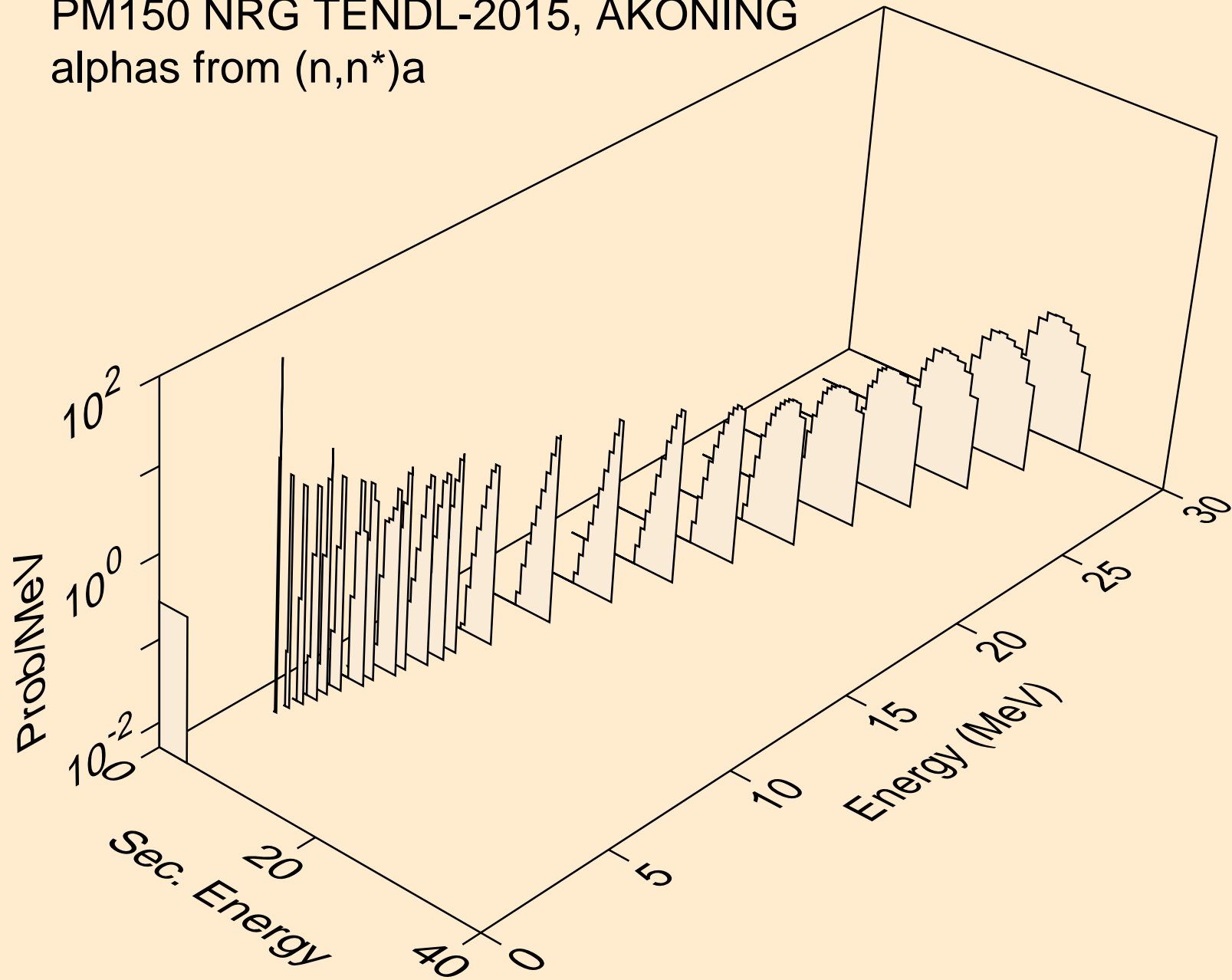




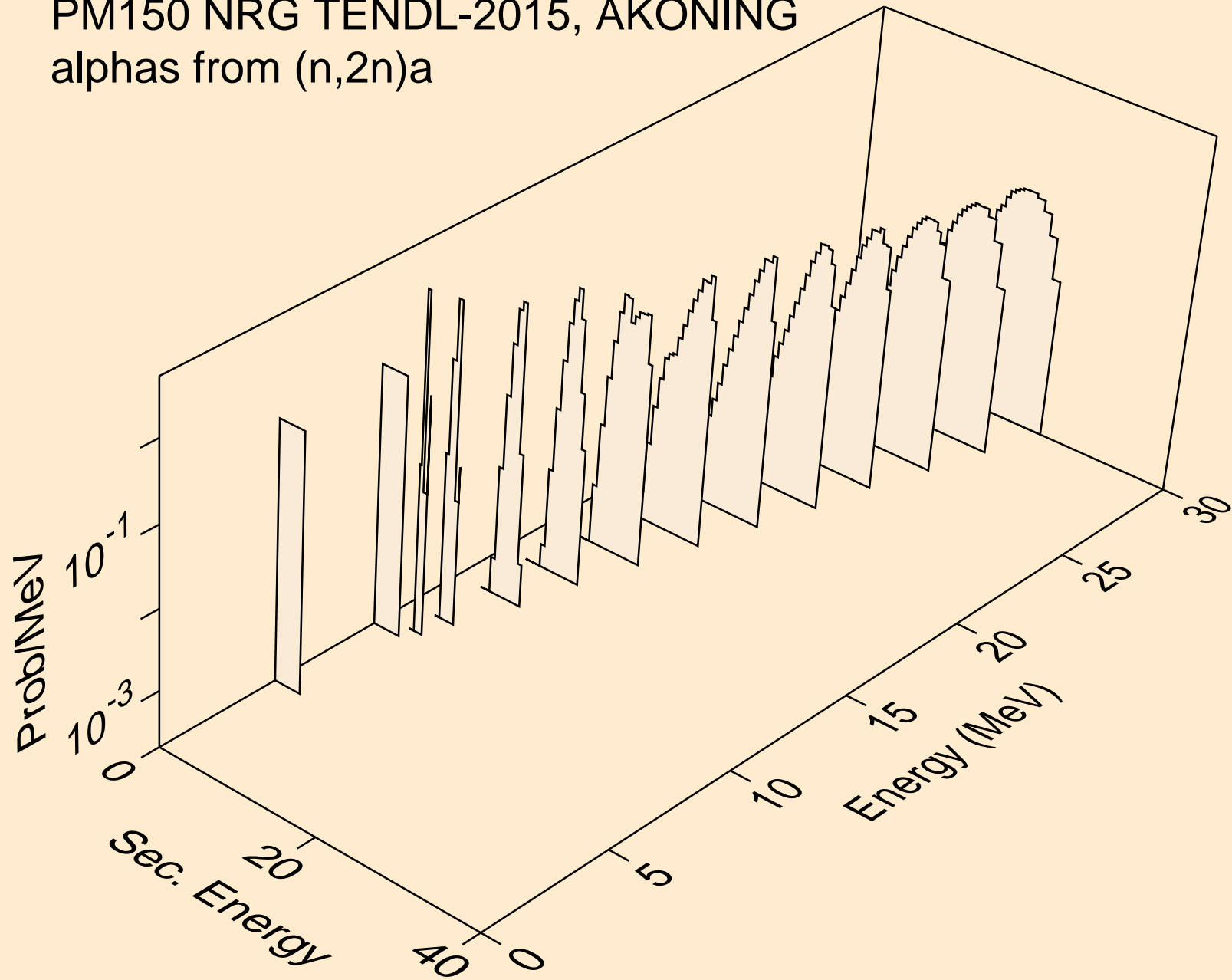
PM150 NRG TENDL-2015, AKONING  
alphas from (n,x)



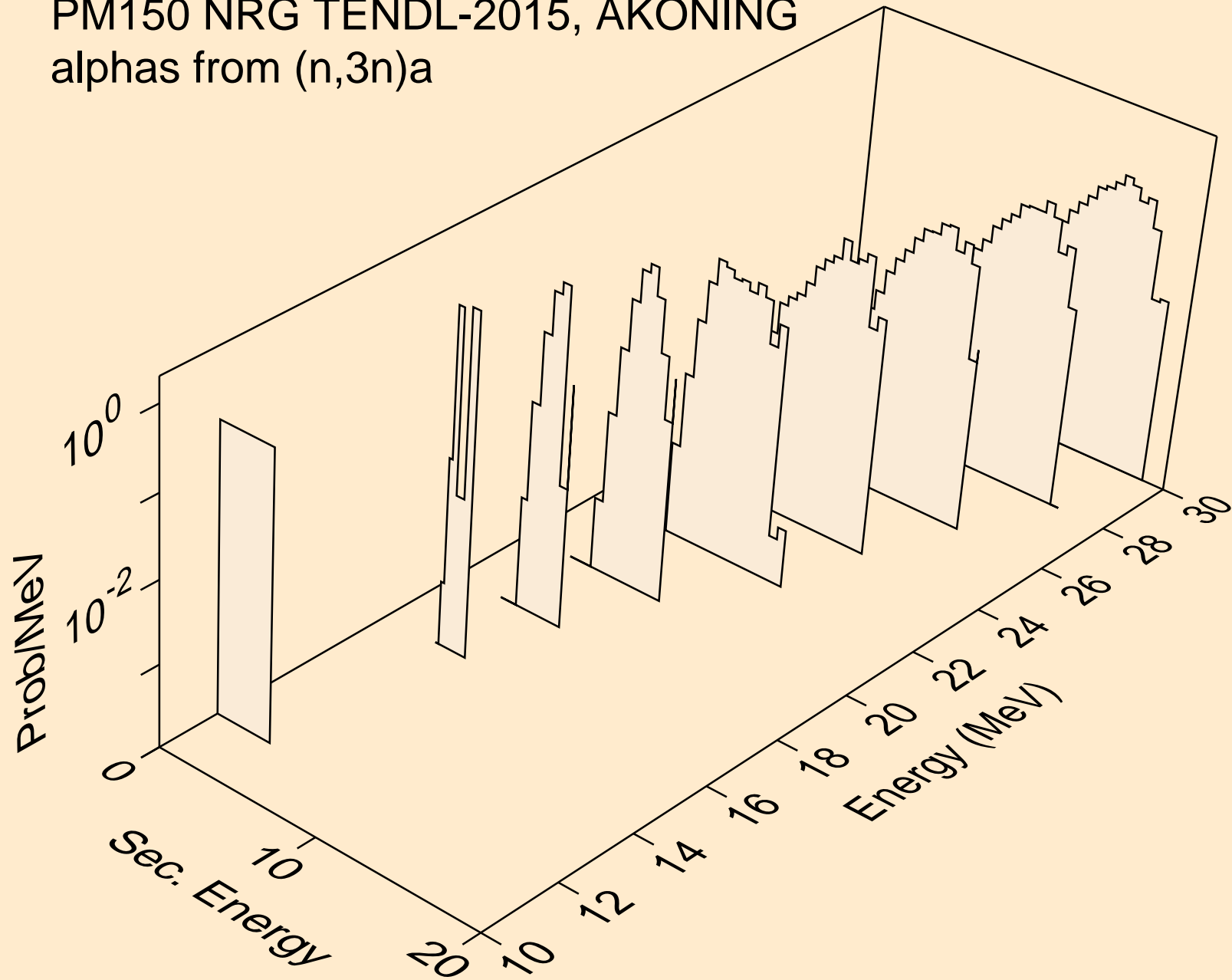
PM150 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



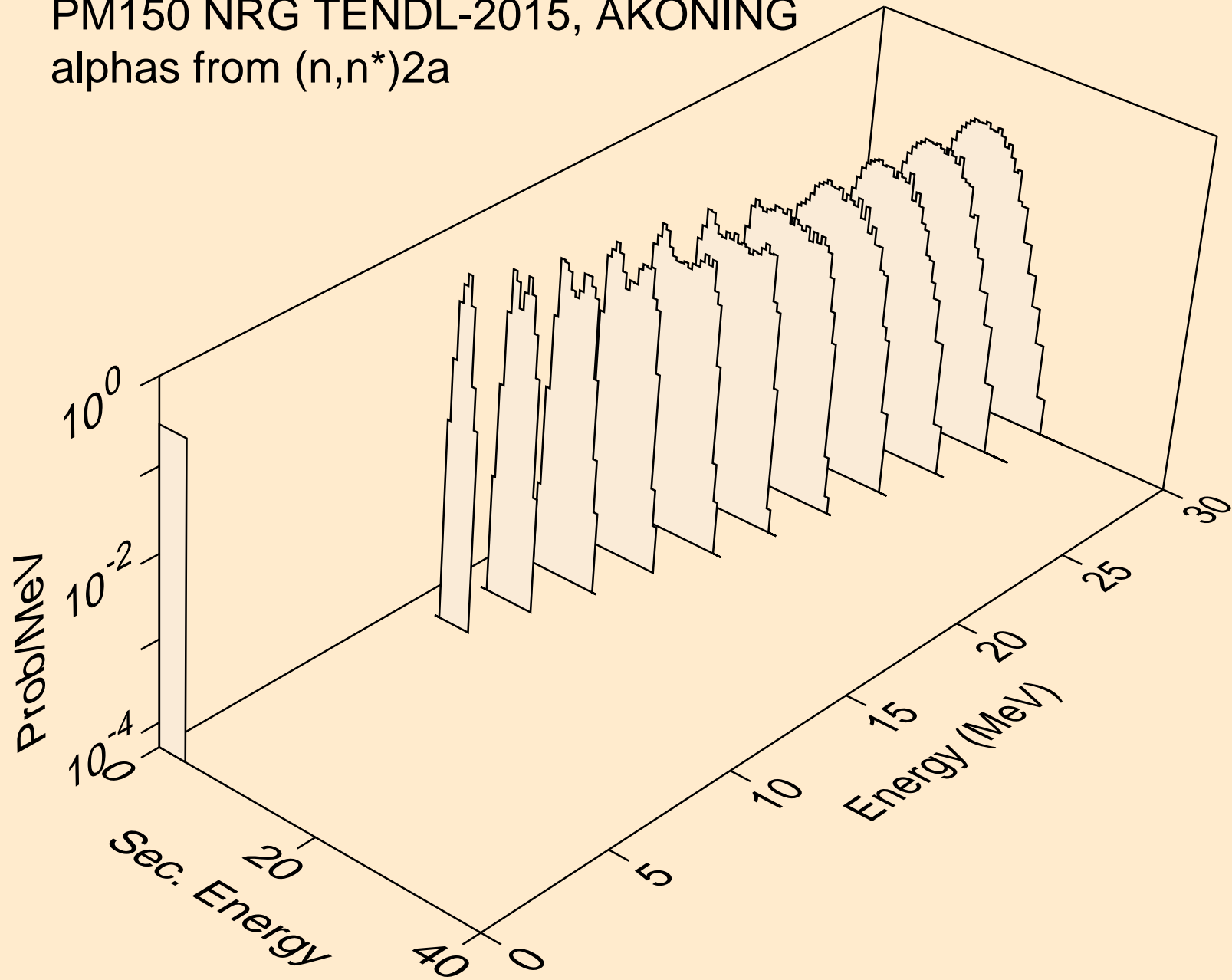
PM150 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



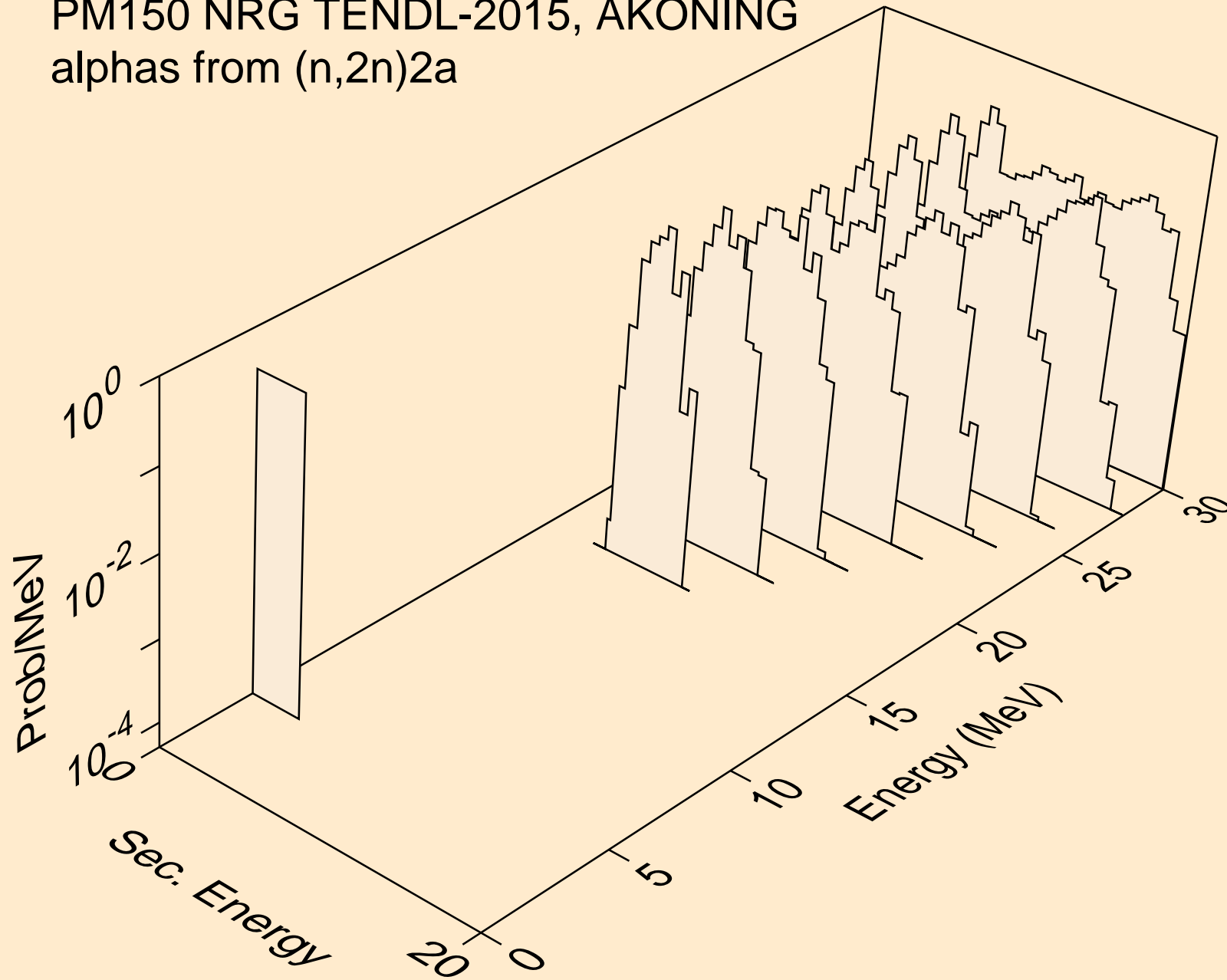
PM150 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



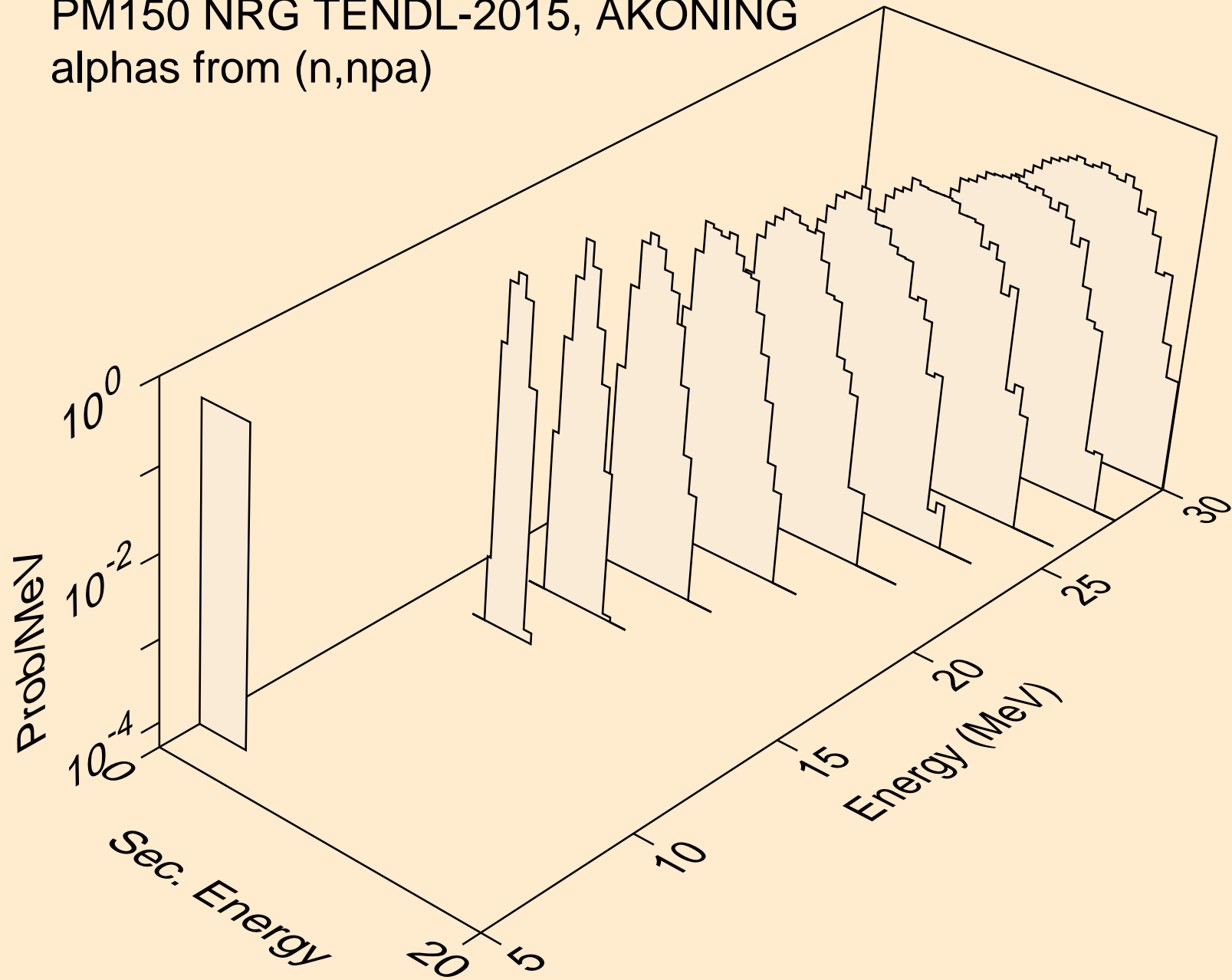
PM150 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



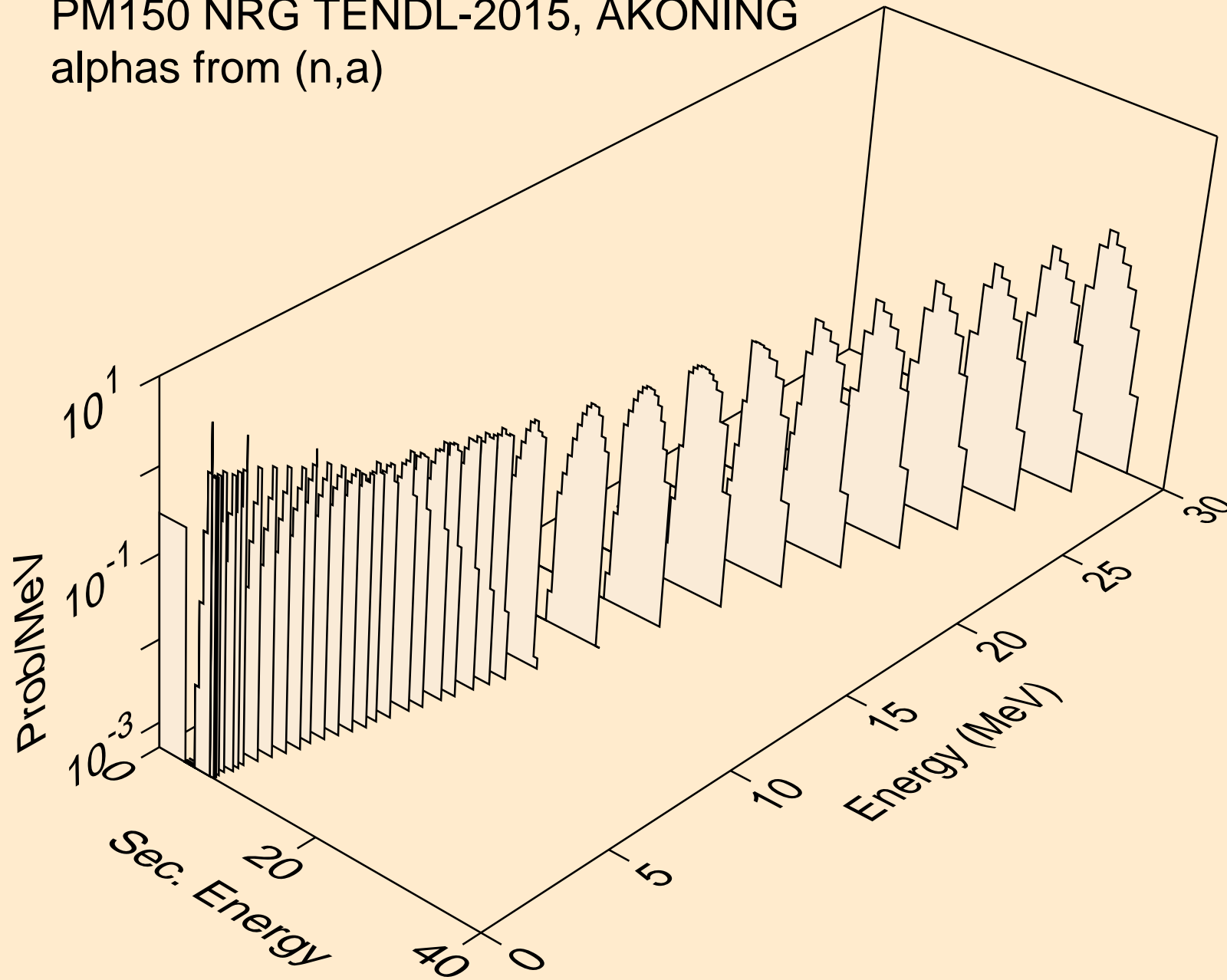
PM150 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



PM150 NRG TENDL-2015, AKONING  
alphas from (n,npa)

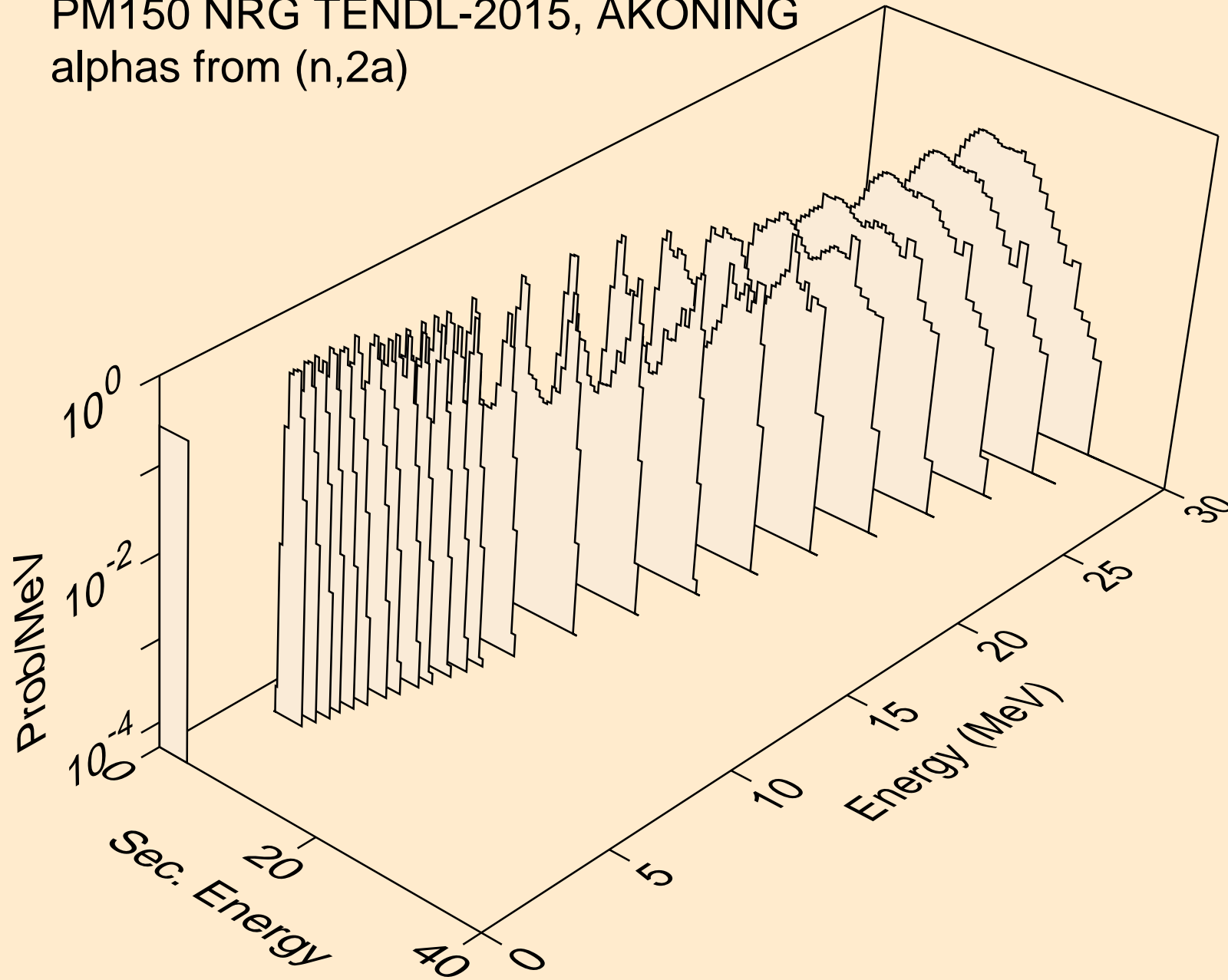


PM150 NRG TENDL-2015, AKONING  
alphas from (n,a)

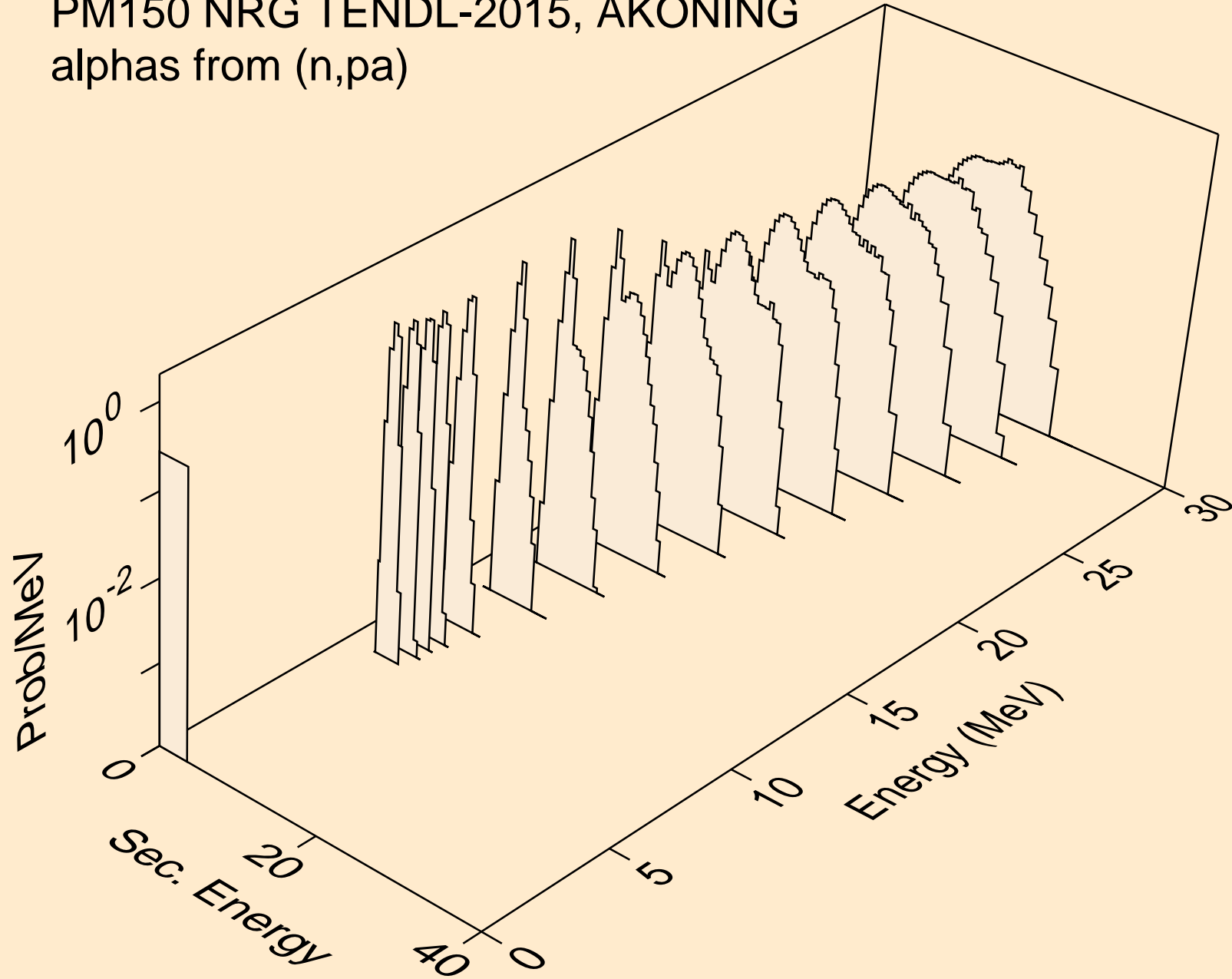




PM150 NRG TENDL-2015, AKONING  
alphas from (n,2a)



PM150 NRG TENDL-2015, AKONING  
alphas from (n,pa)



PM150 NRG TENDL-2015, AKONING  
alphas from (n,da)

