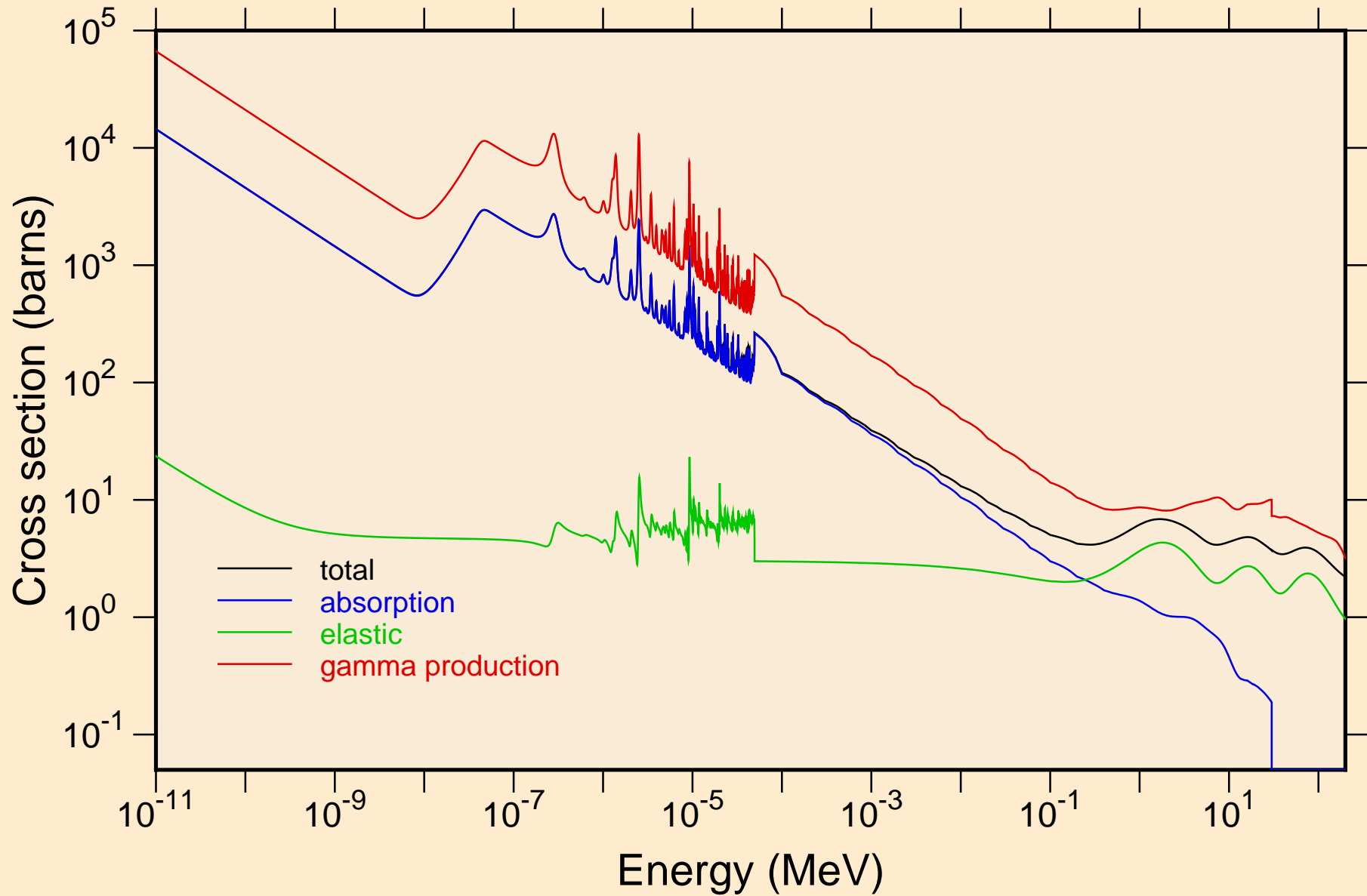
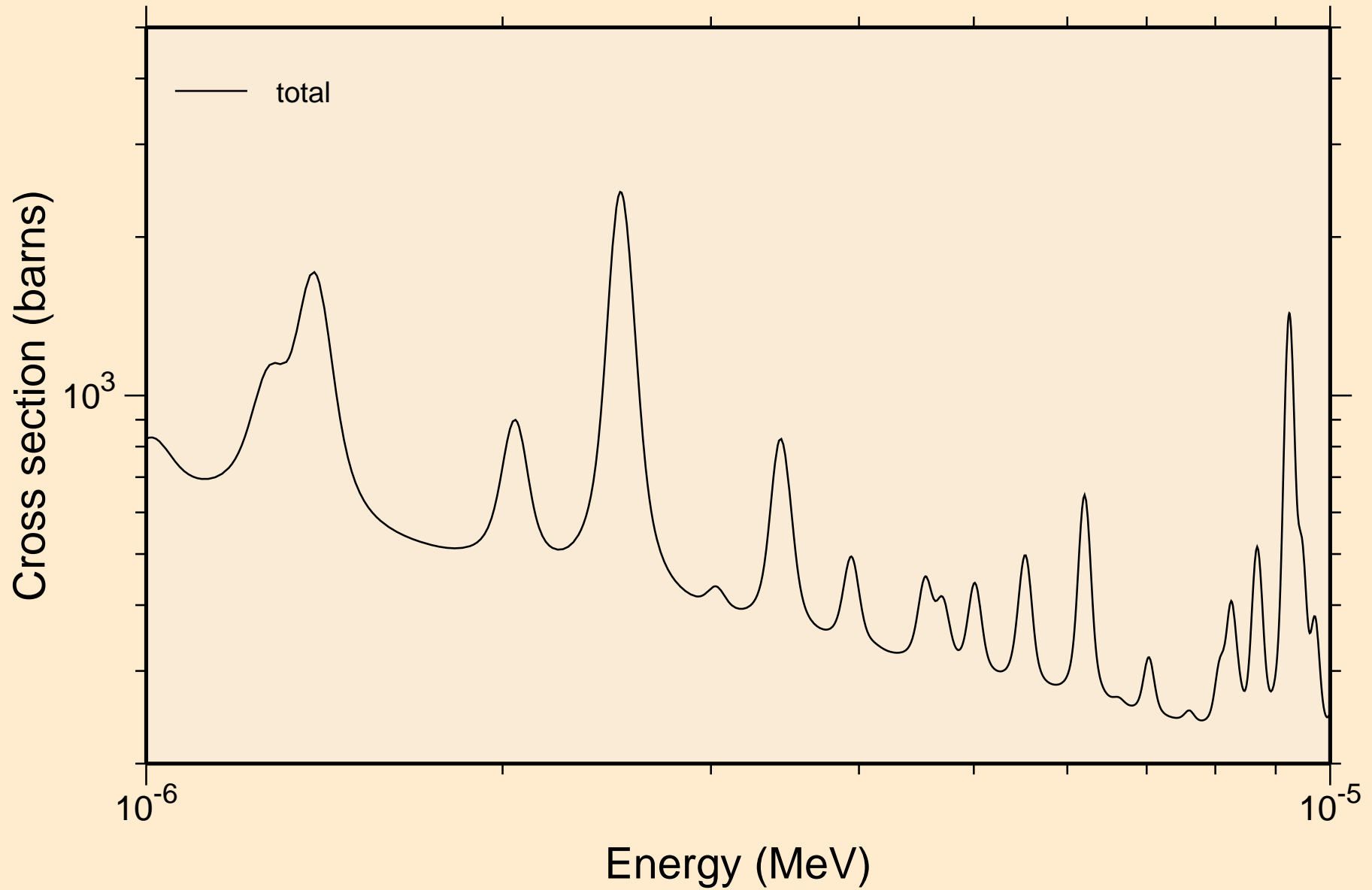


# PM136 NRG TENDL-2015, AKONING

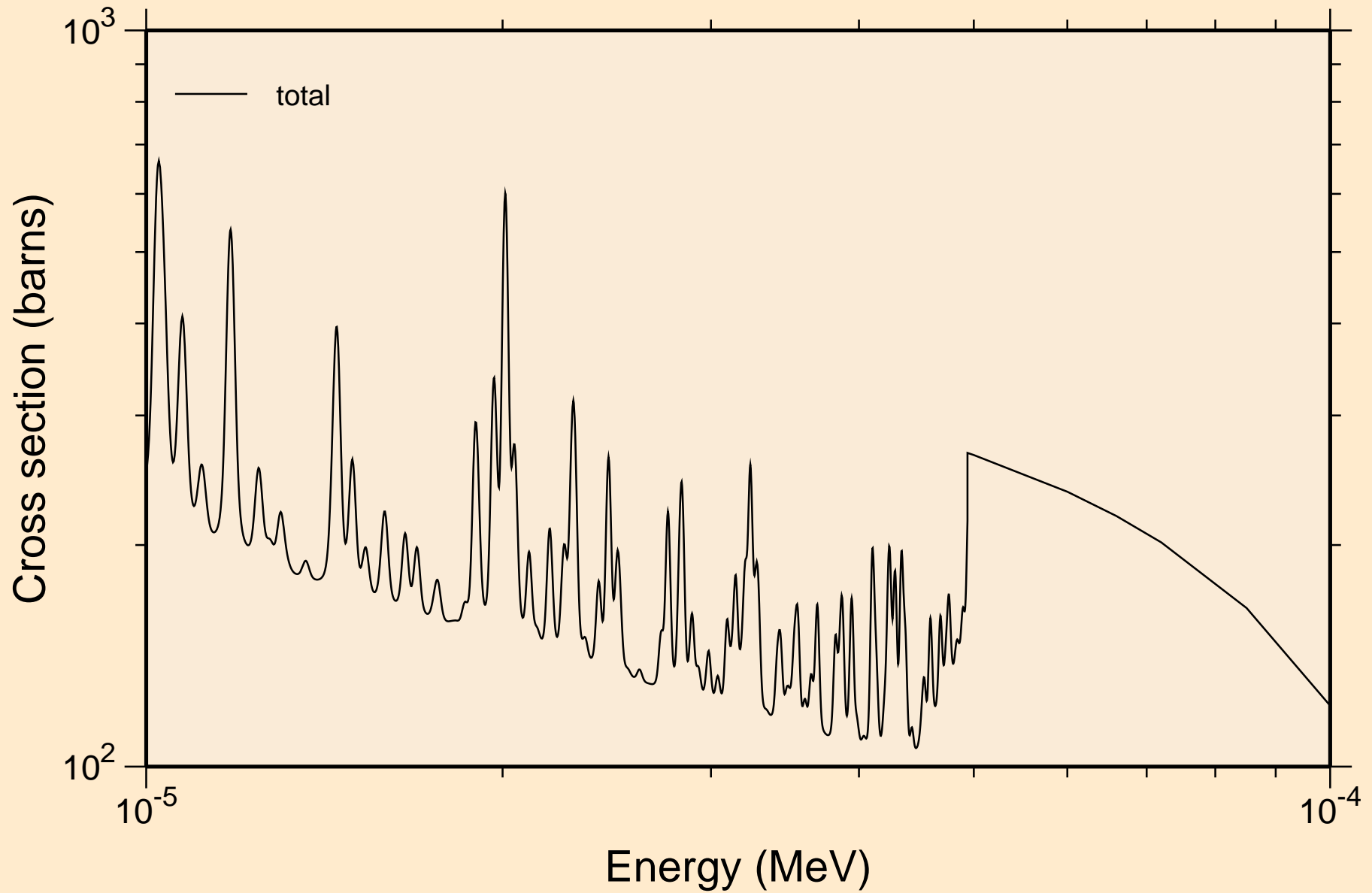
## Principal cross sections



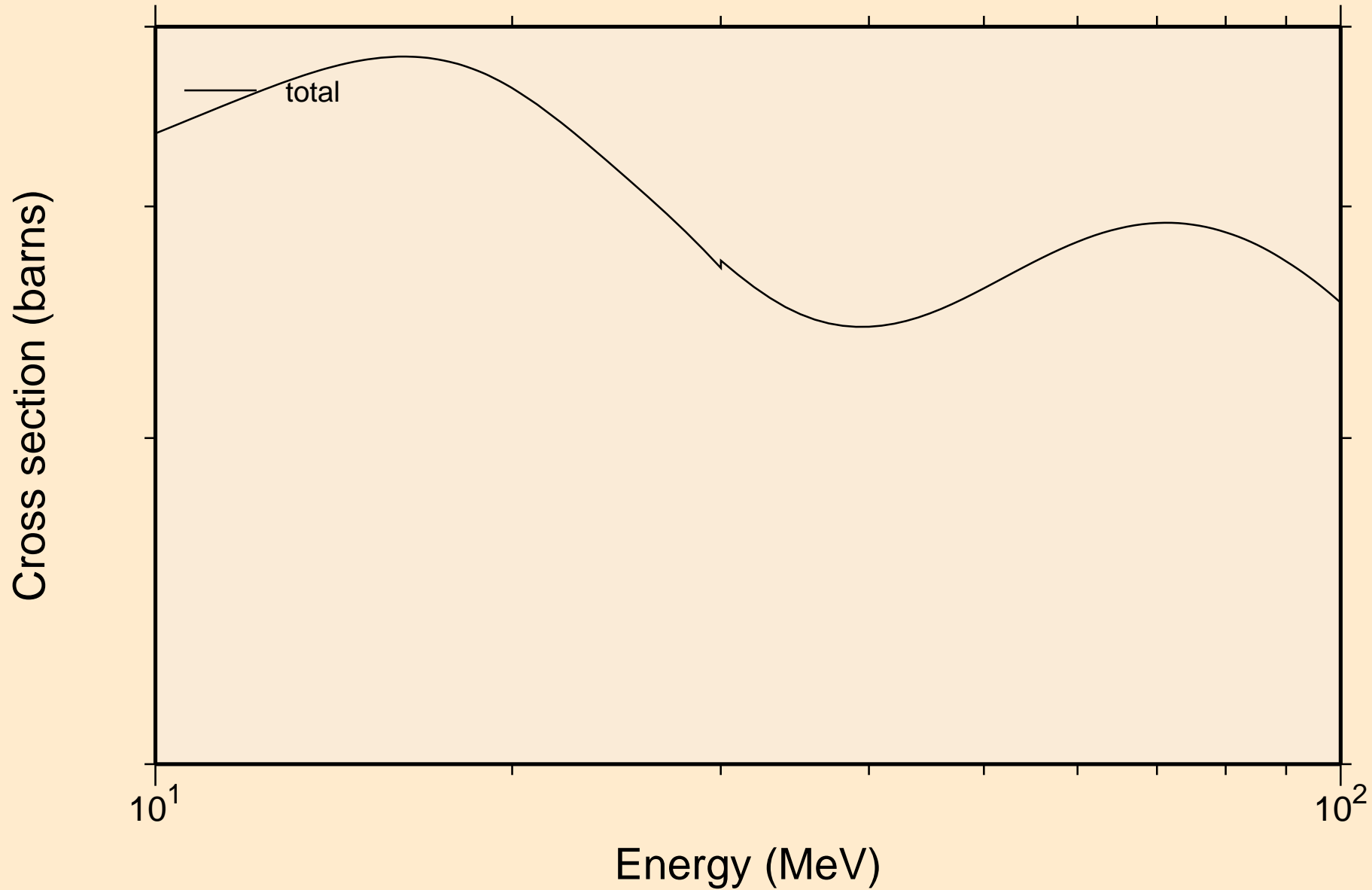
PM136 NRG TENDL-2015, AKONING  
resonance total cross section



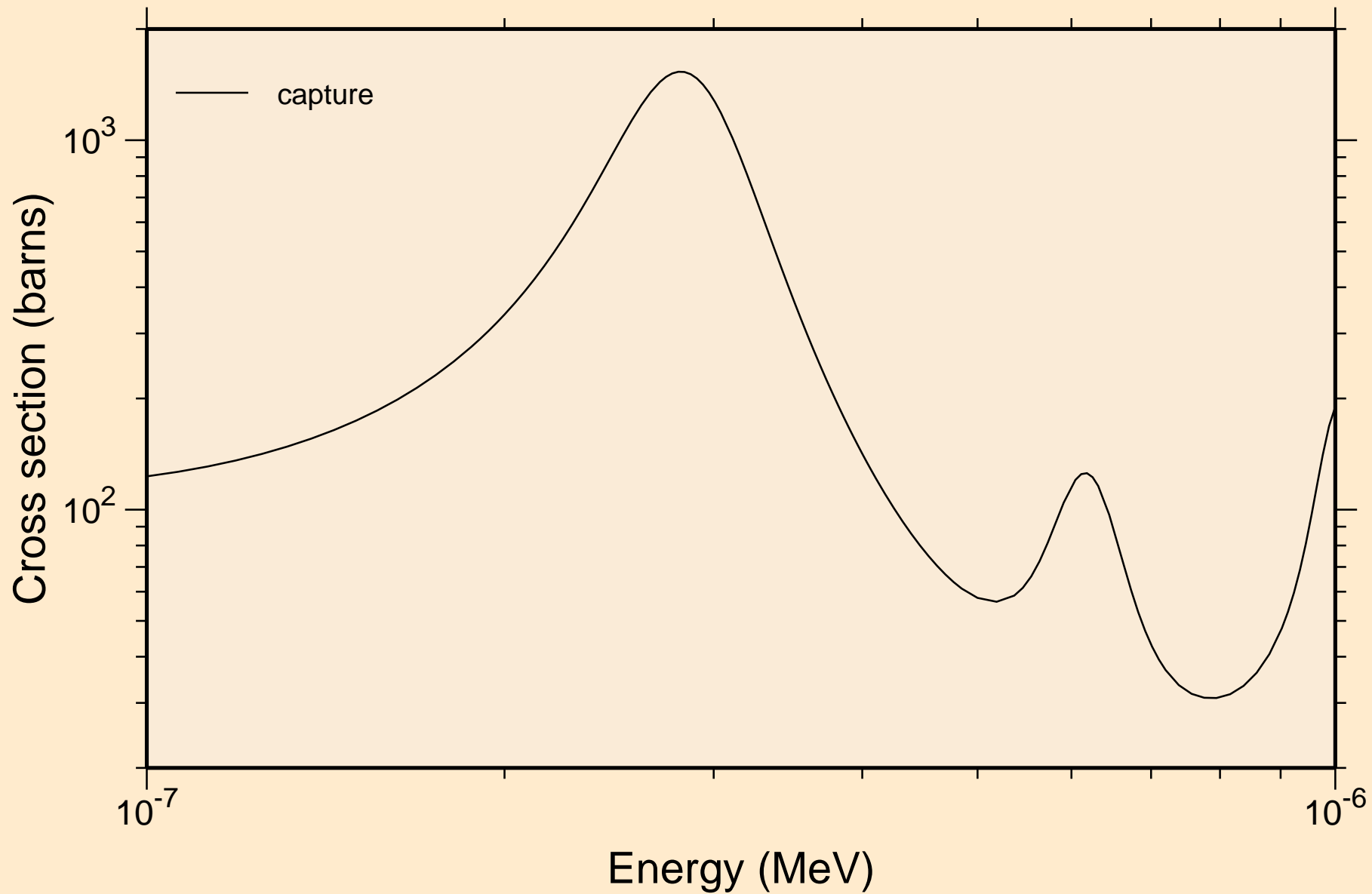
PM136 NRG TENDL-2015, AKONING  
resonance total cross section



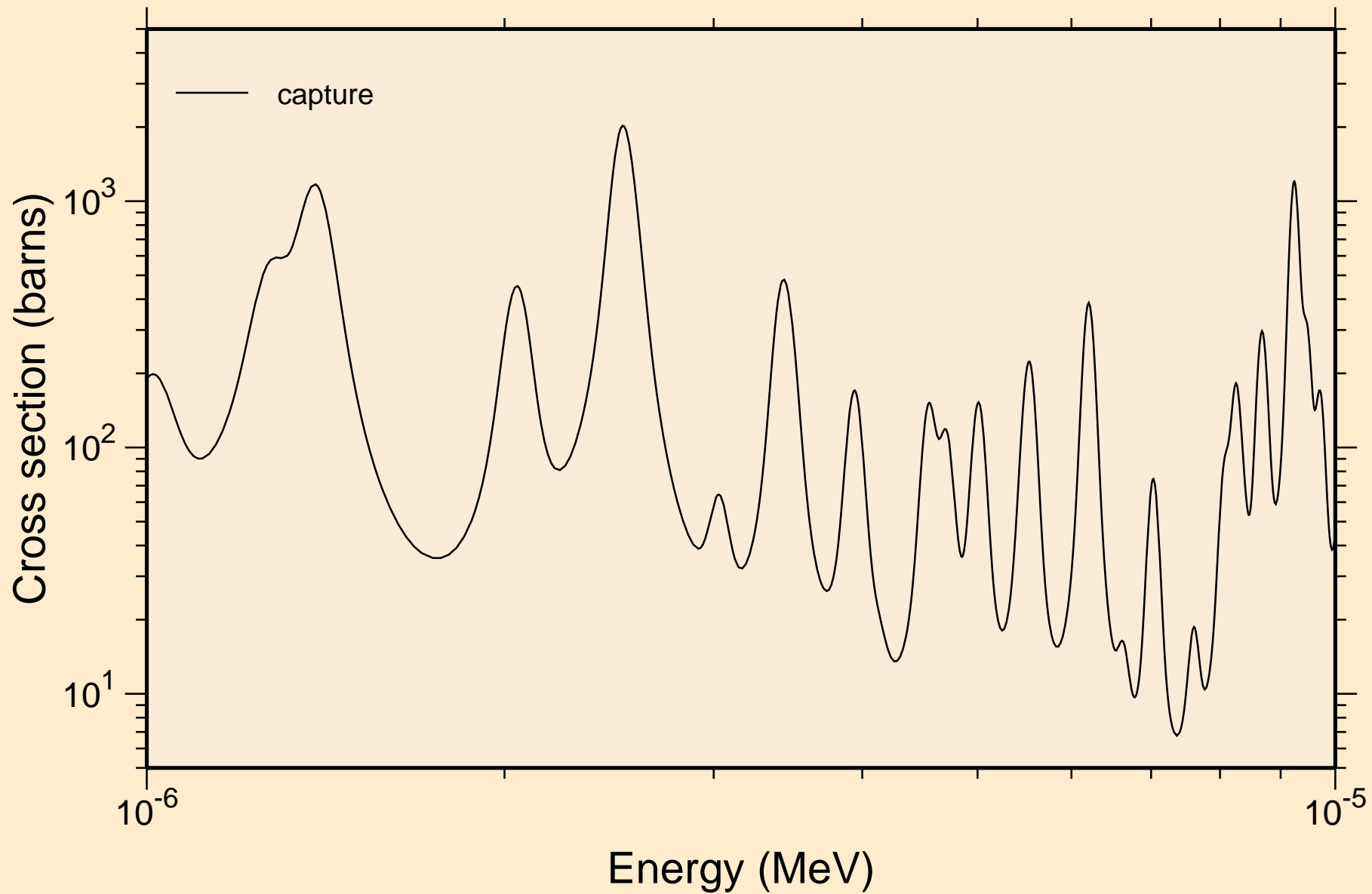
P̄M136 NRG TENDL-2015, AKONING  
resonance total cross section



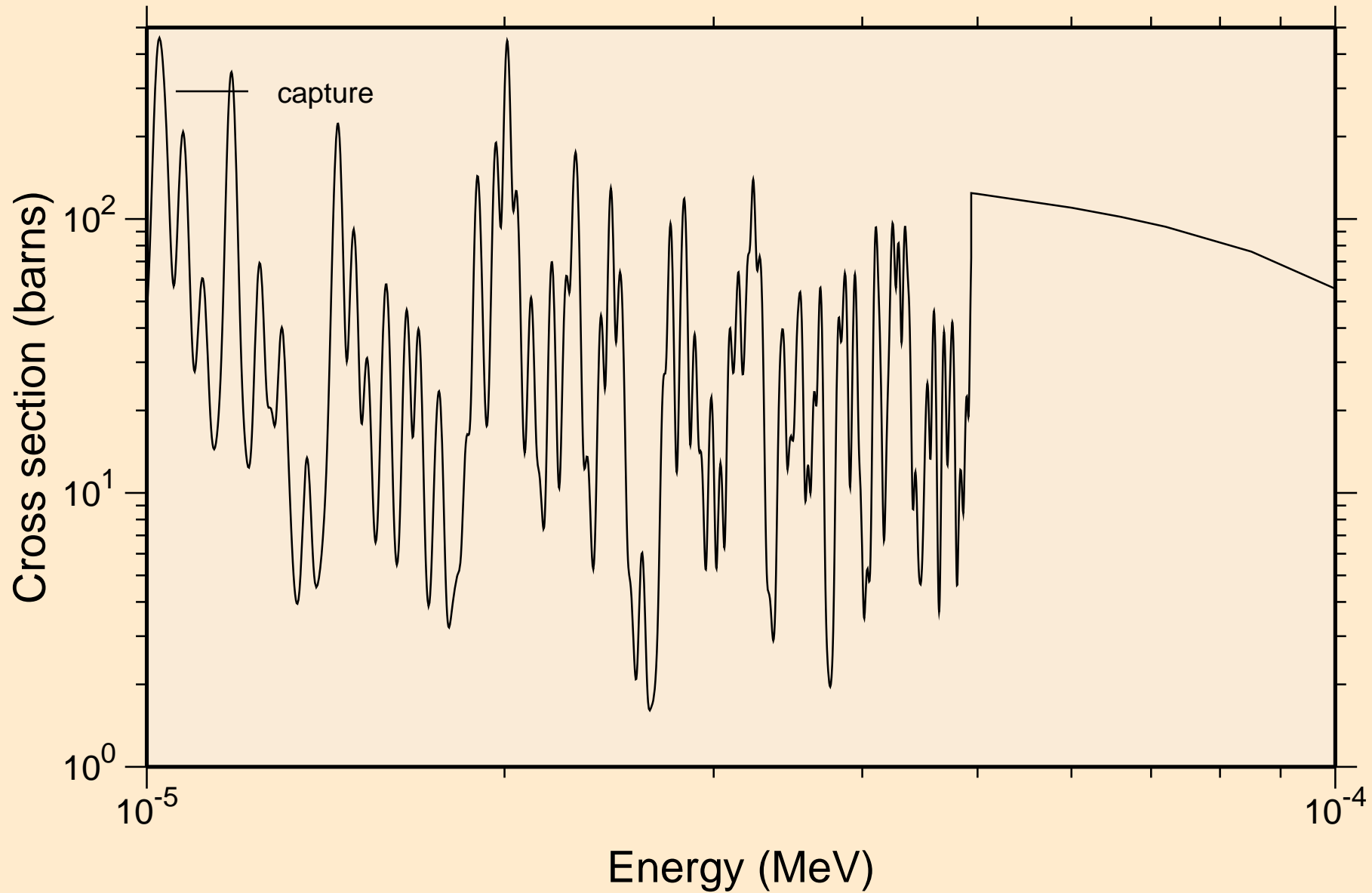
PM136 NRG TENDL-2015, AKONING  
resonance absorption cross sections



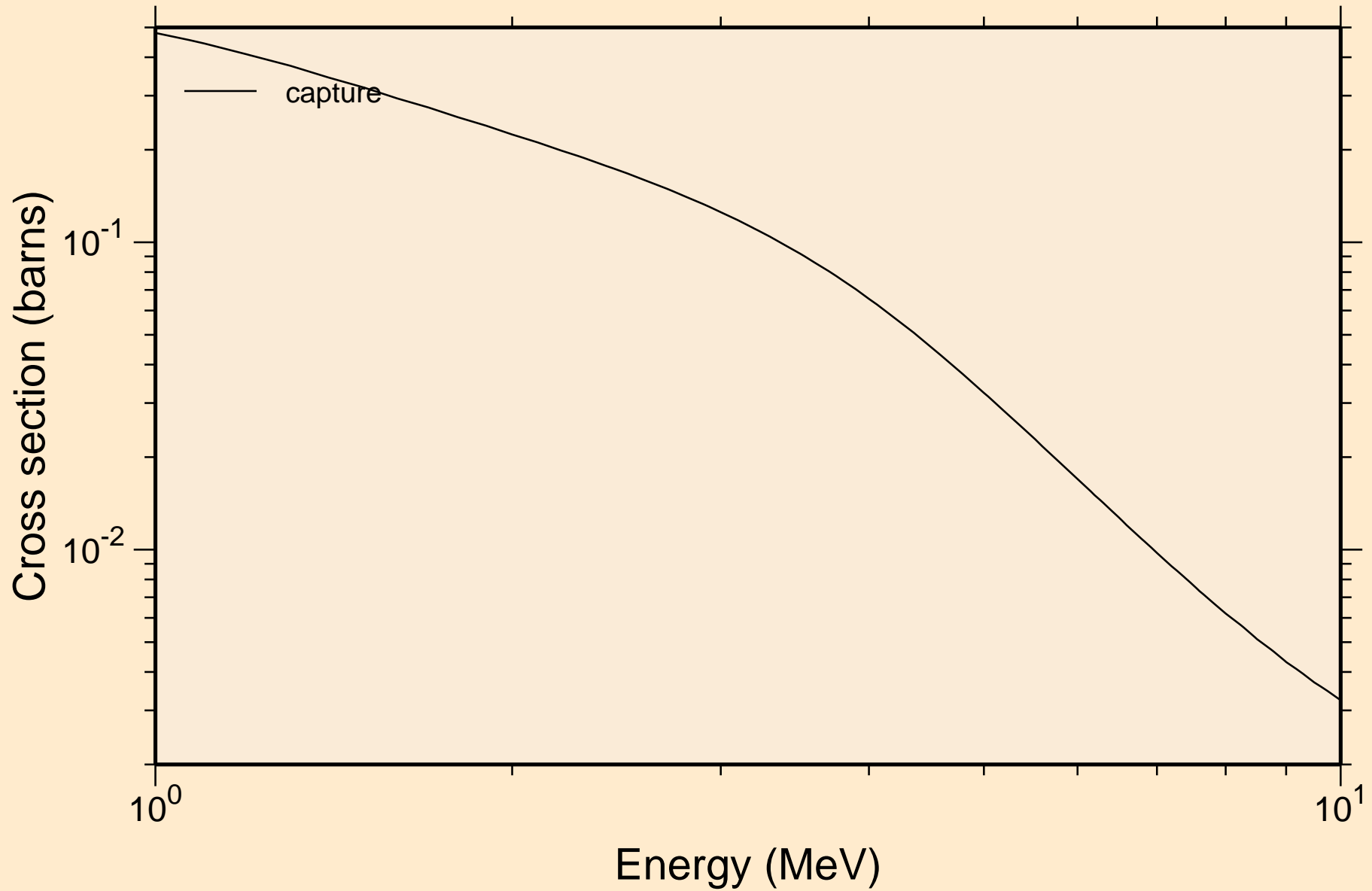
PM136 NRG TENDL-2015, AKONING  
resonance absorption cross sections



PM136 NRG TENDL-2015, AKONING  
resonance absorption cross sections



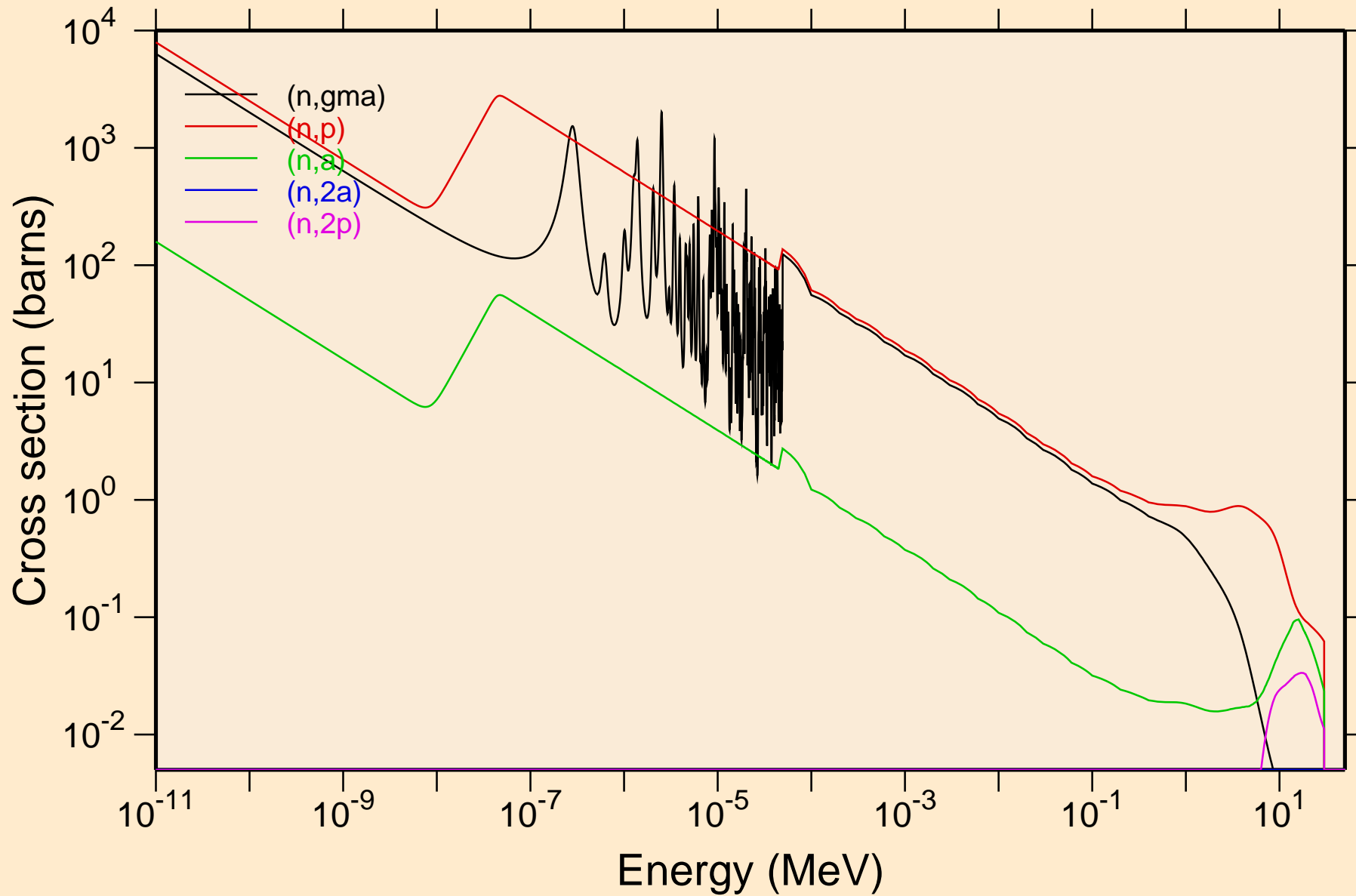
PM136 NRG TENDL-2015, AKONING  
resonance absorption cross sections



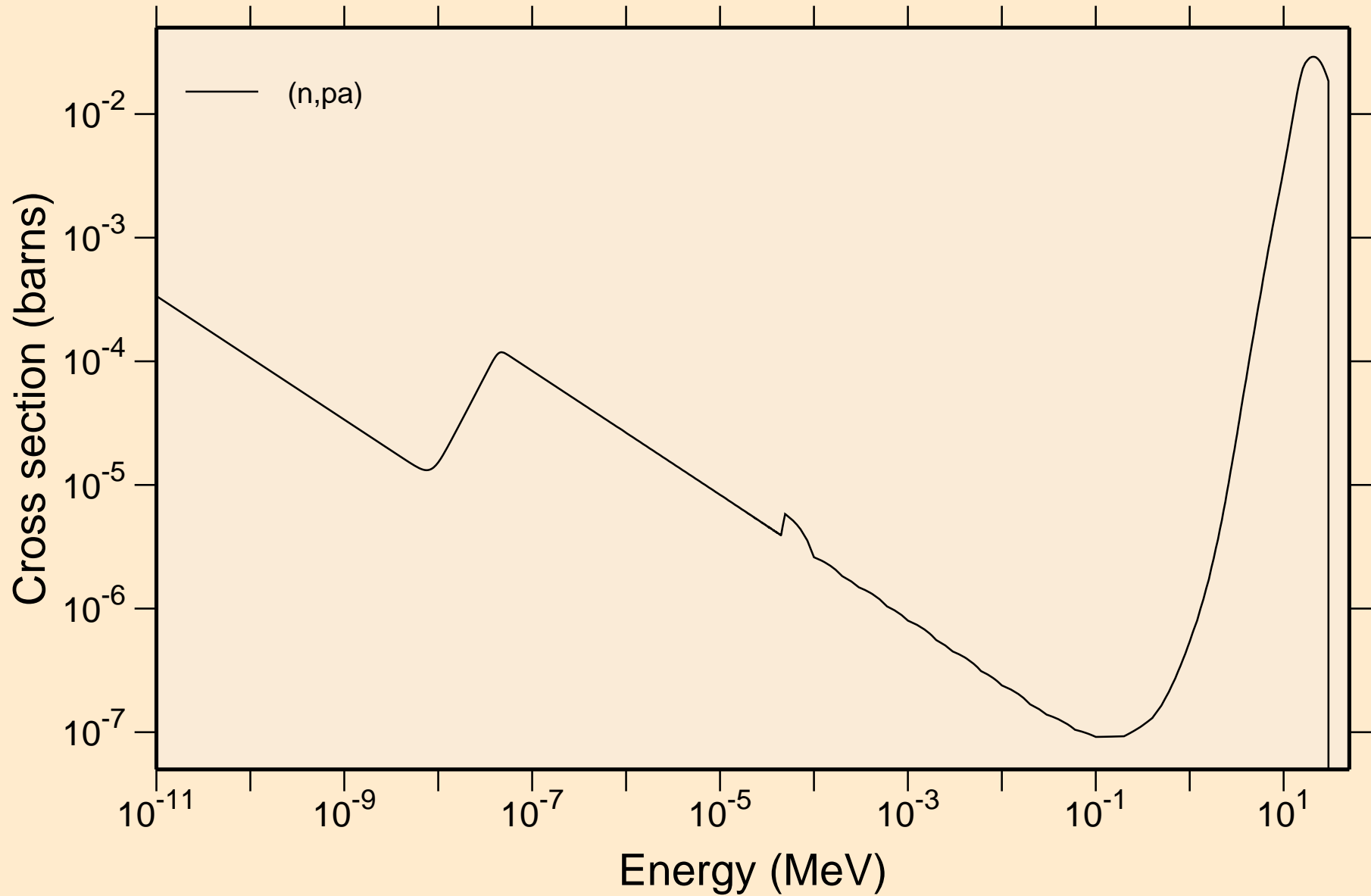


# PM136 NRG TENDL-2015, AKONING

## Non-threshold reactions

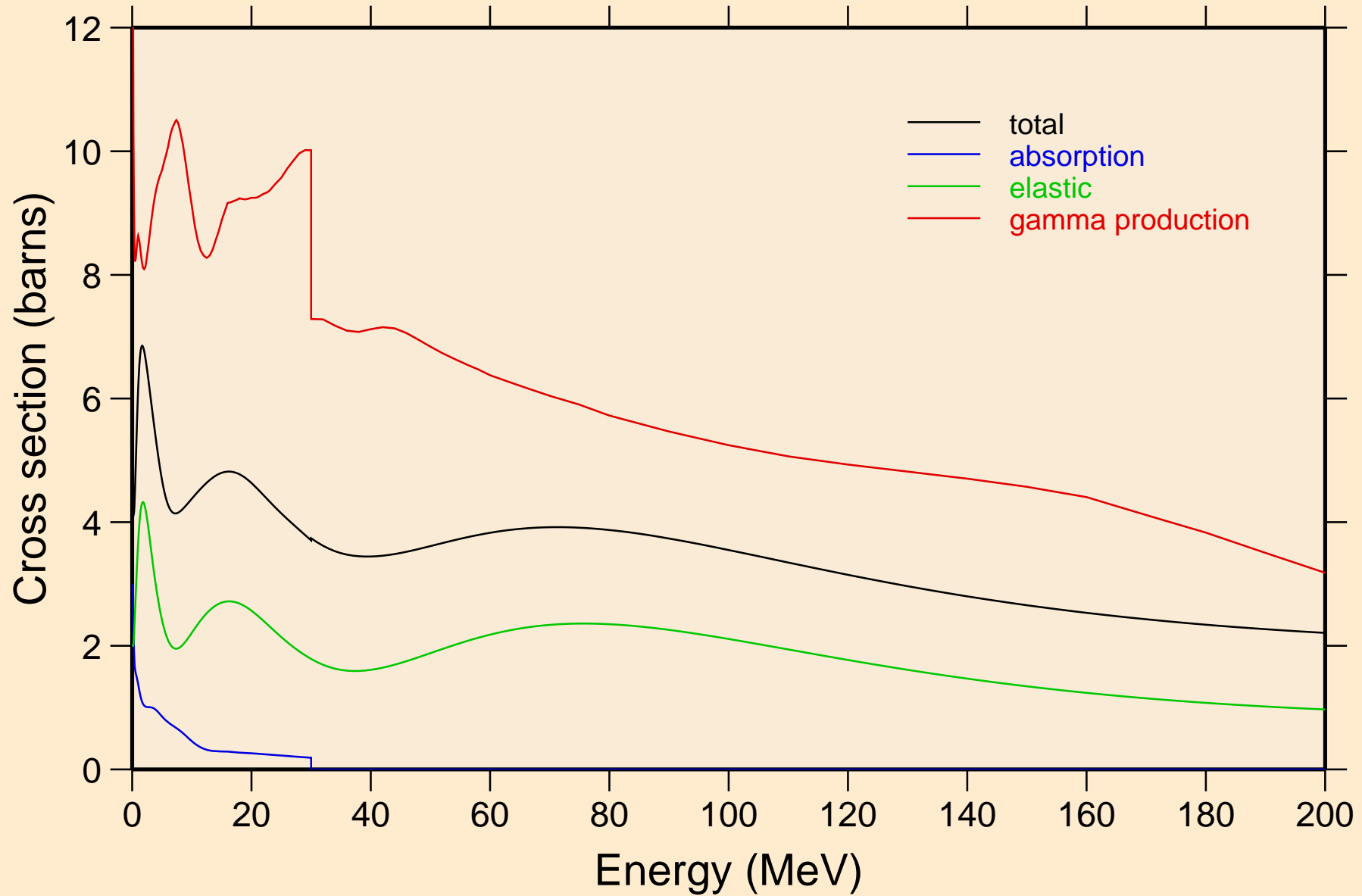


PM136 NRG TENDL-2015, AKONING  
Non-threshold reactions



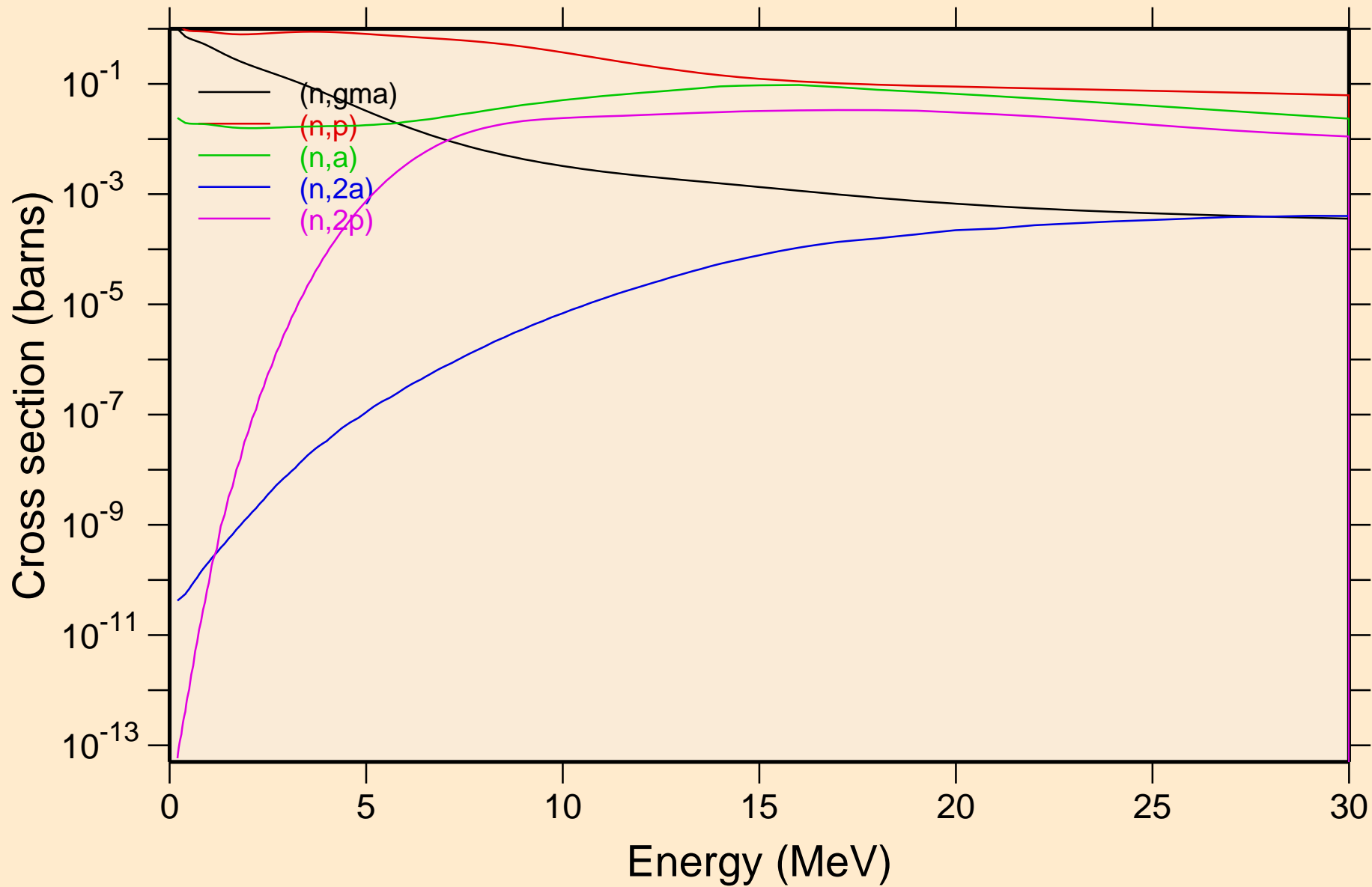
# PM136 NRG TENDL-2015, AKONING

## Principal cross sections

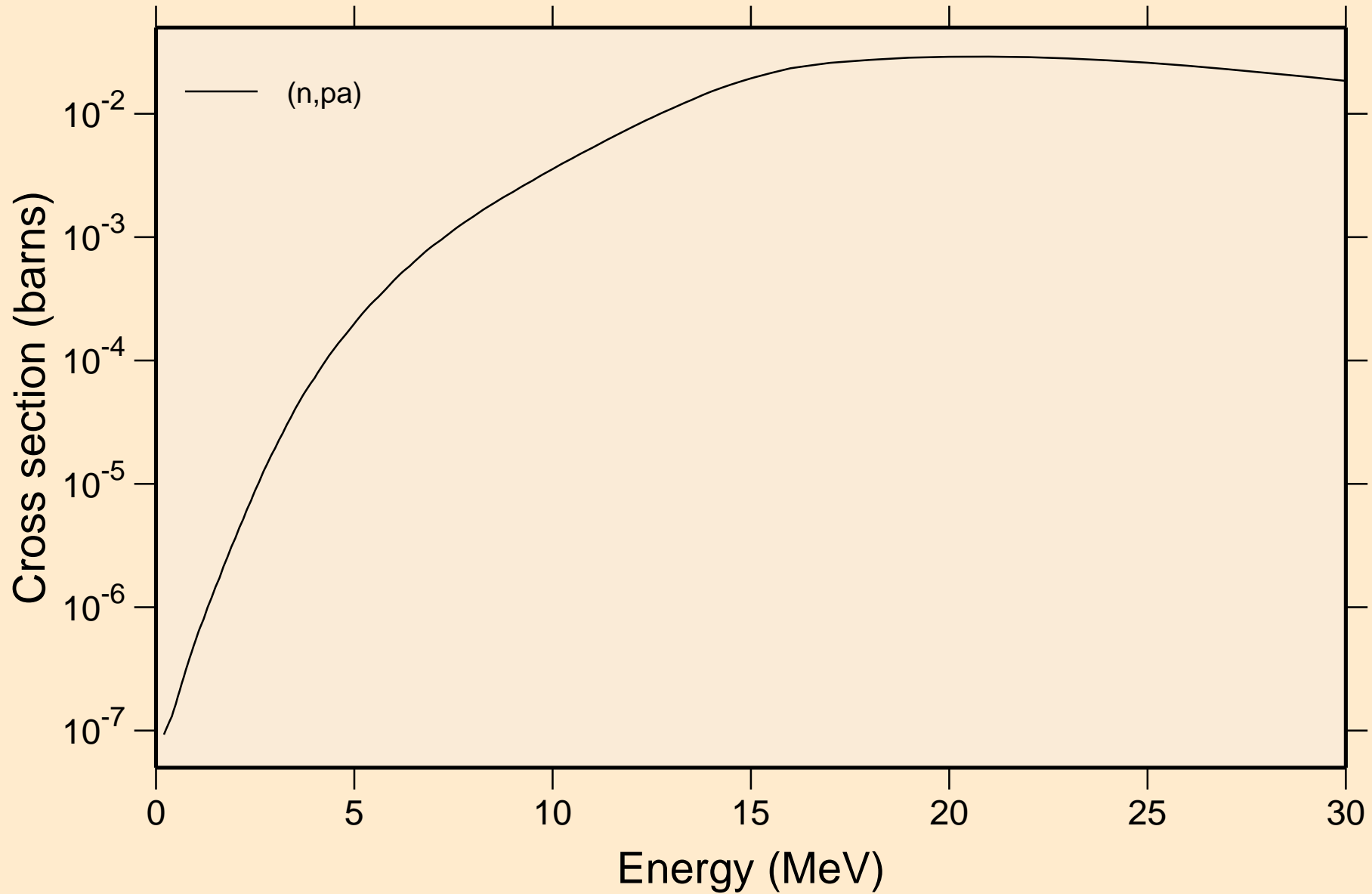


# PM136 NRG TENDL-2015, AKONING

## Non-threshold reactions

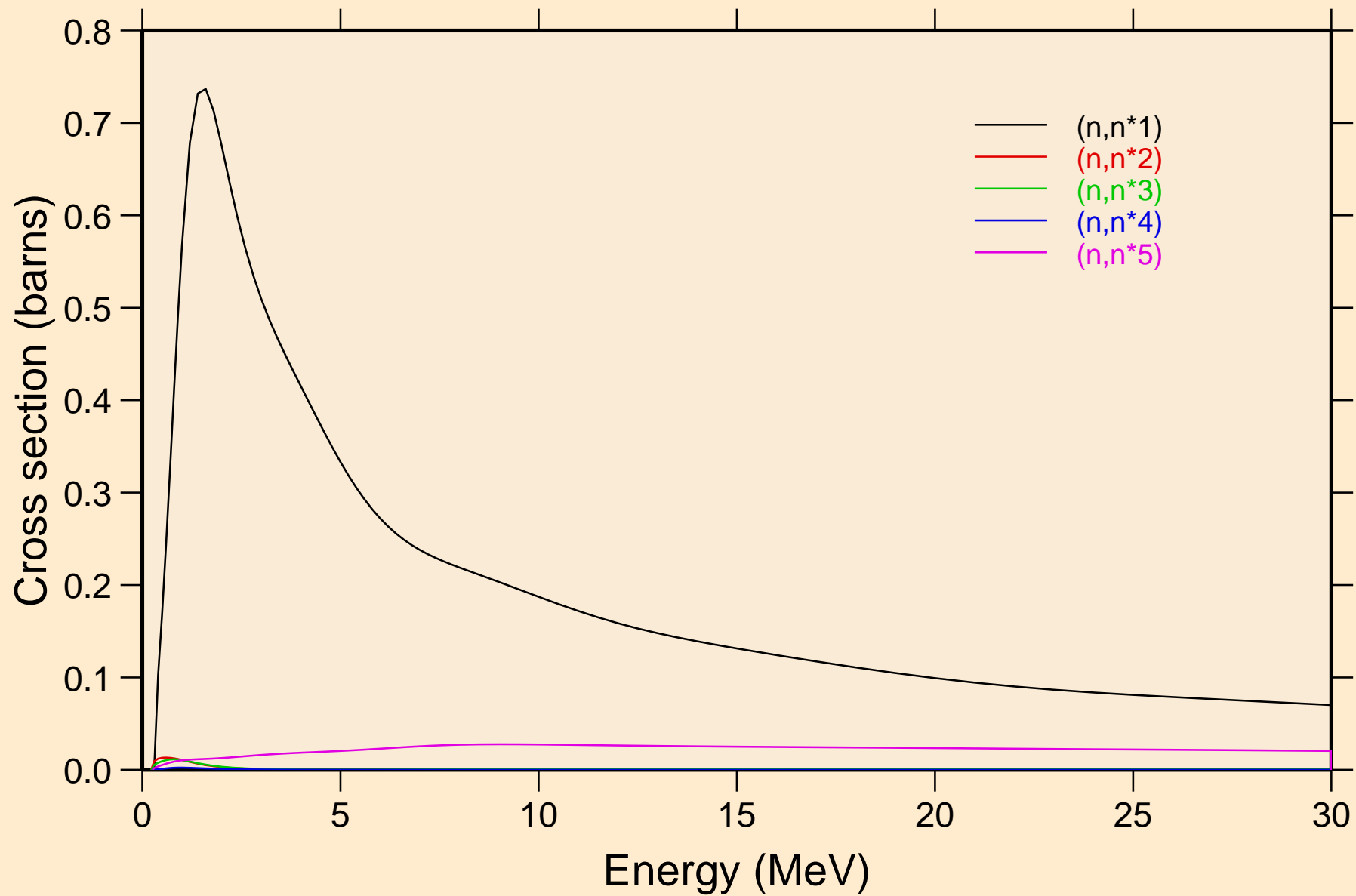


PM136 NRG TENDL-2015, AKONING  
Non-threshold reactions



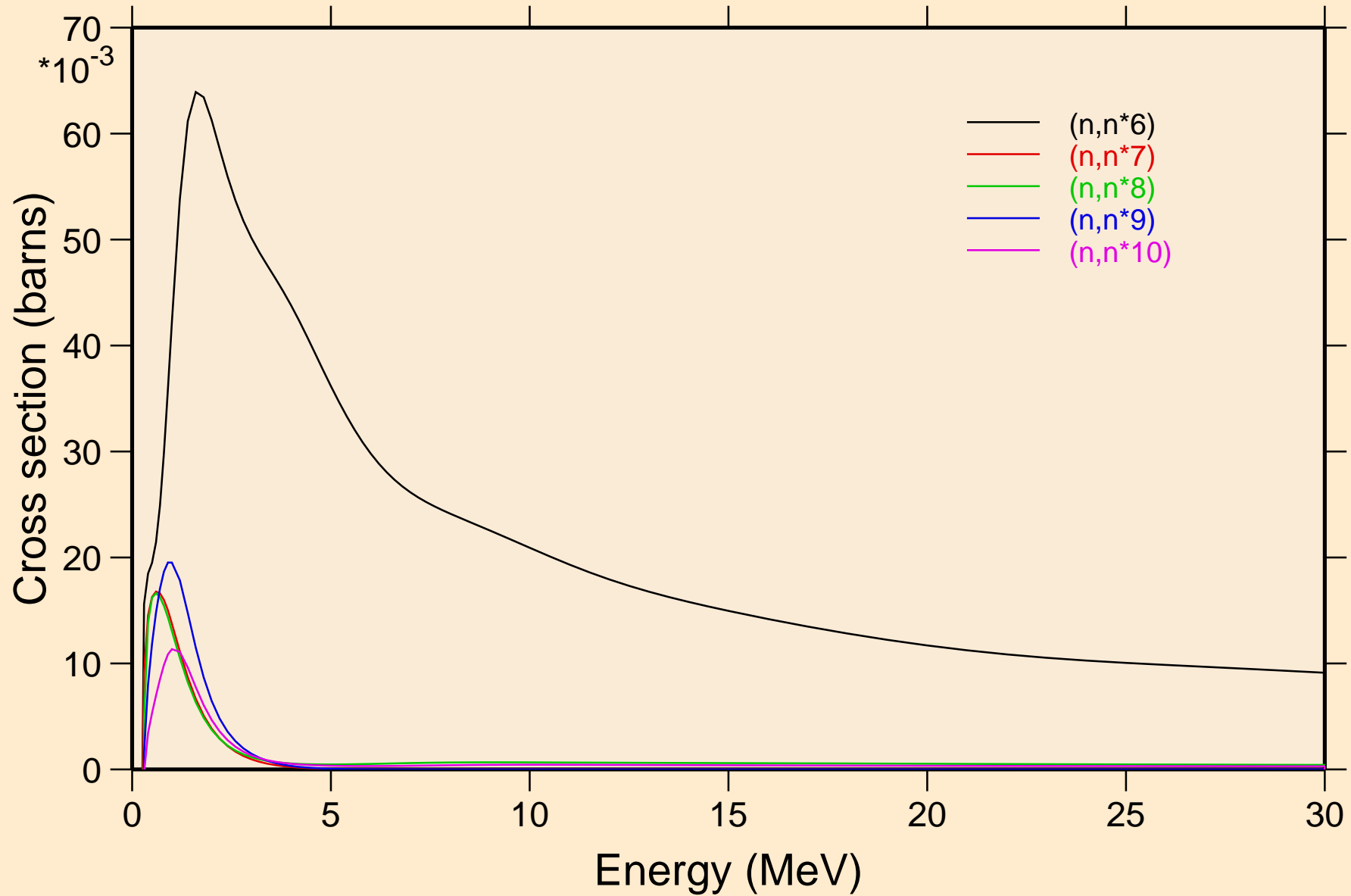
# PM136 NRG TENDL-2015, AKONING

## Inelastic levels



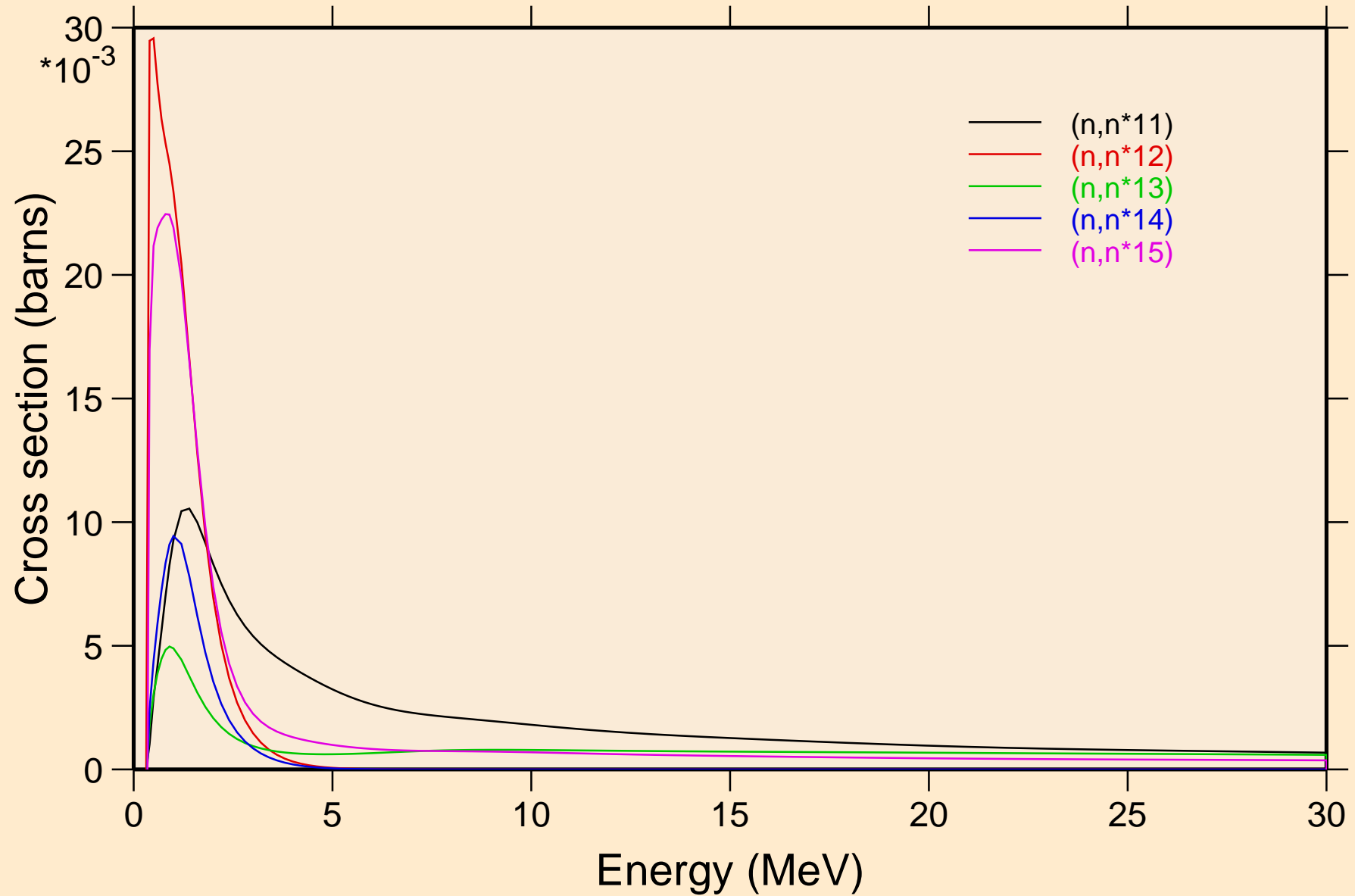
# PM136 NRG TENDL-2015, AKONING

## Inelastic levels



# PM136 NRG TENDL-2015, AKONING

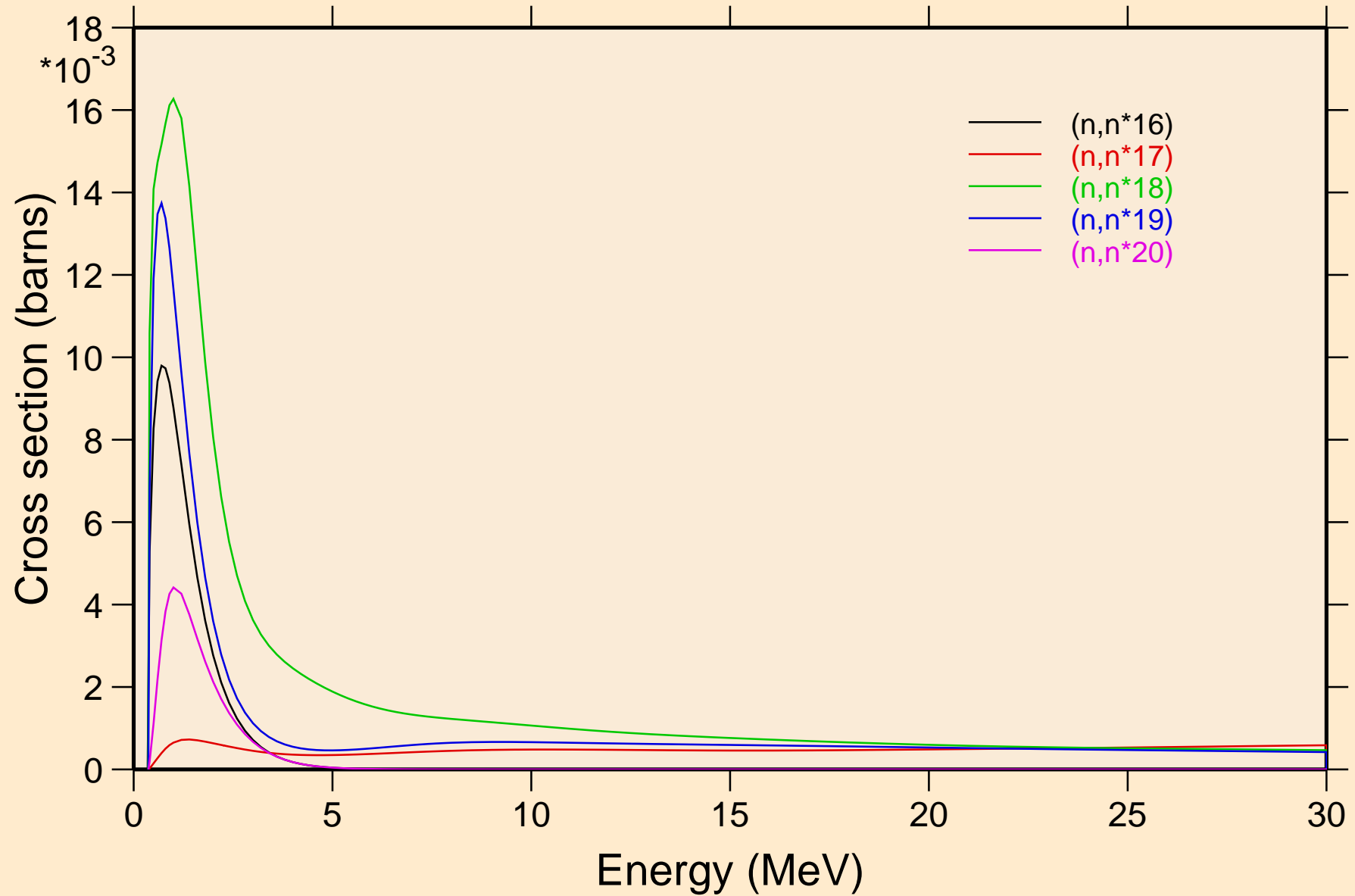
## Inelastic levels





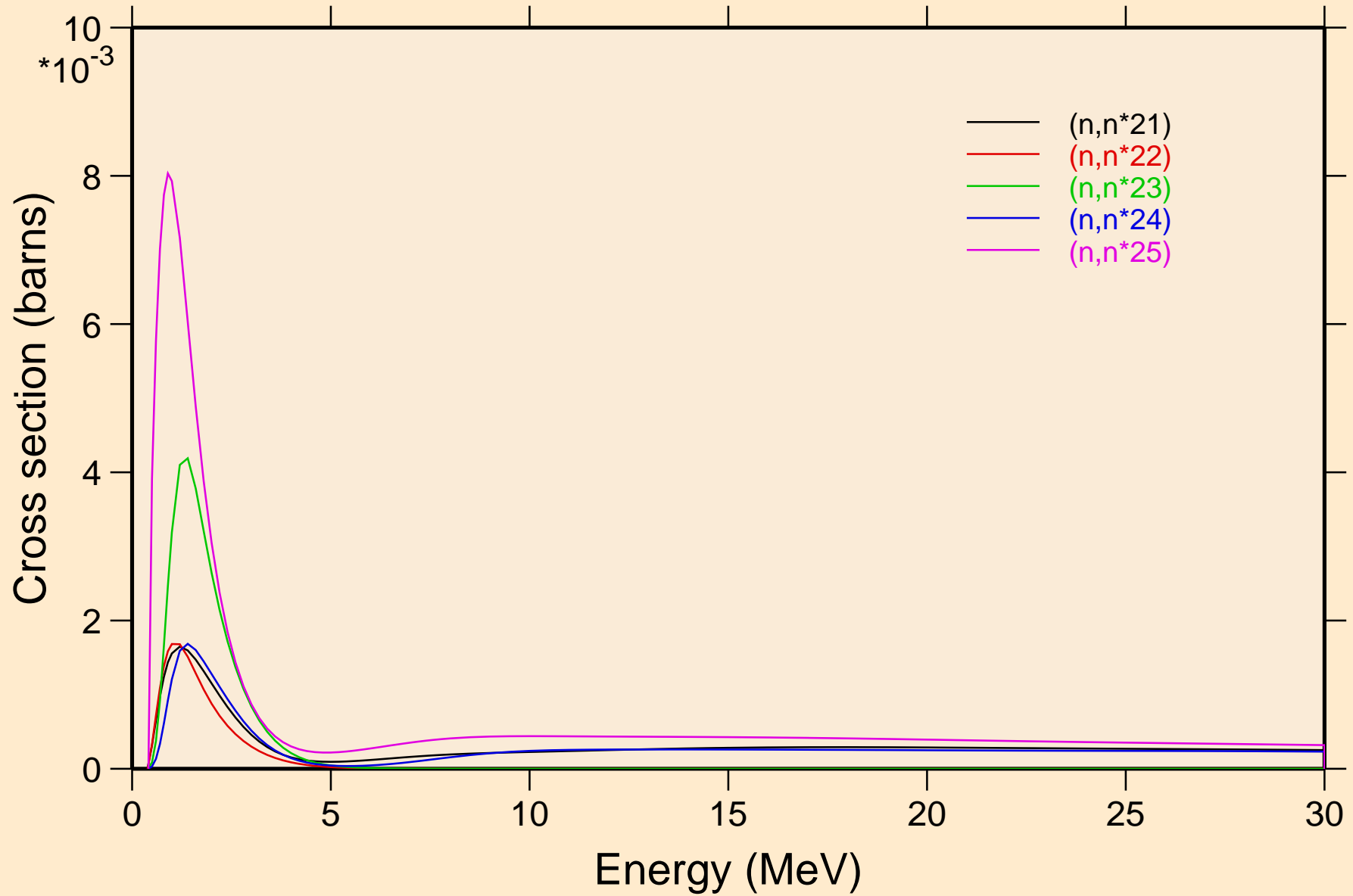
# PM136 NRG TENDL-2015, AKONING

## Inelastic levels



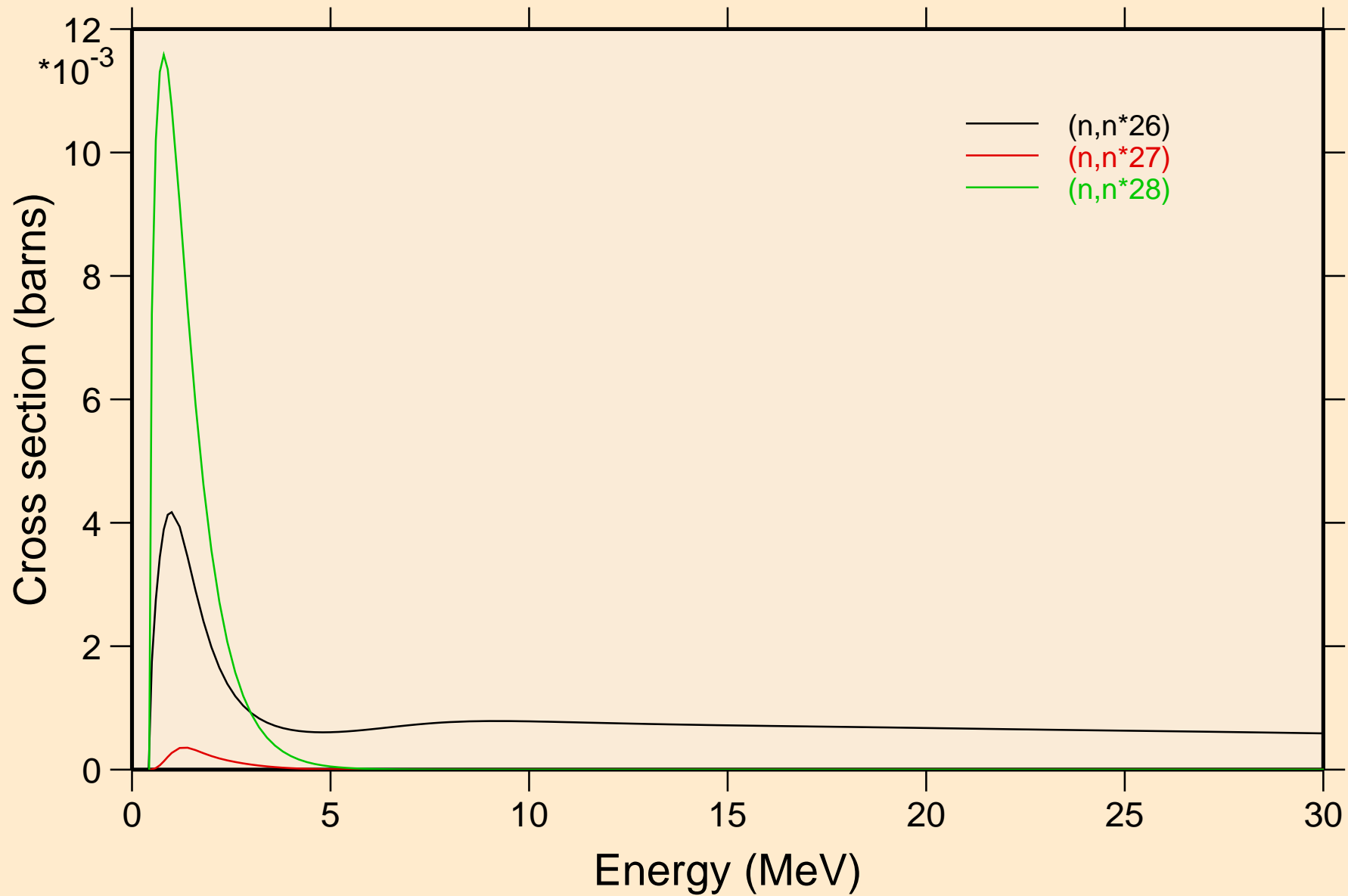
# PM136 NRG TENDL-2015, AKONING

## Inelastic levels



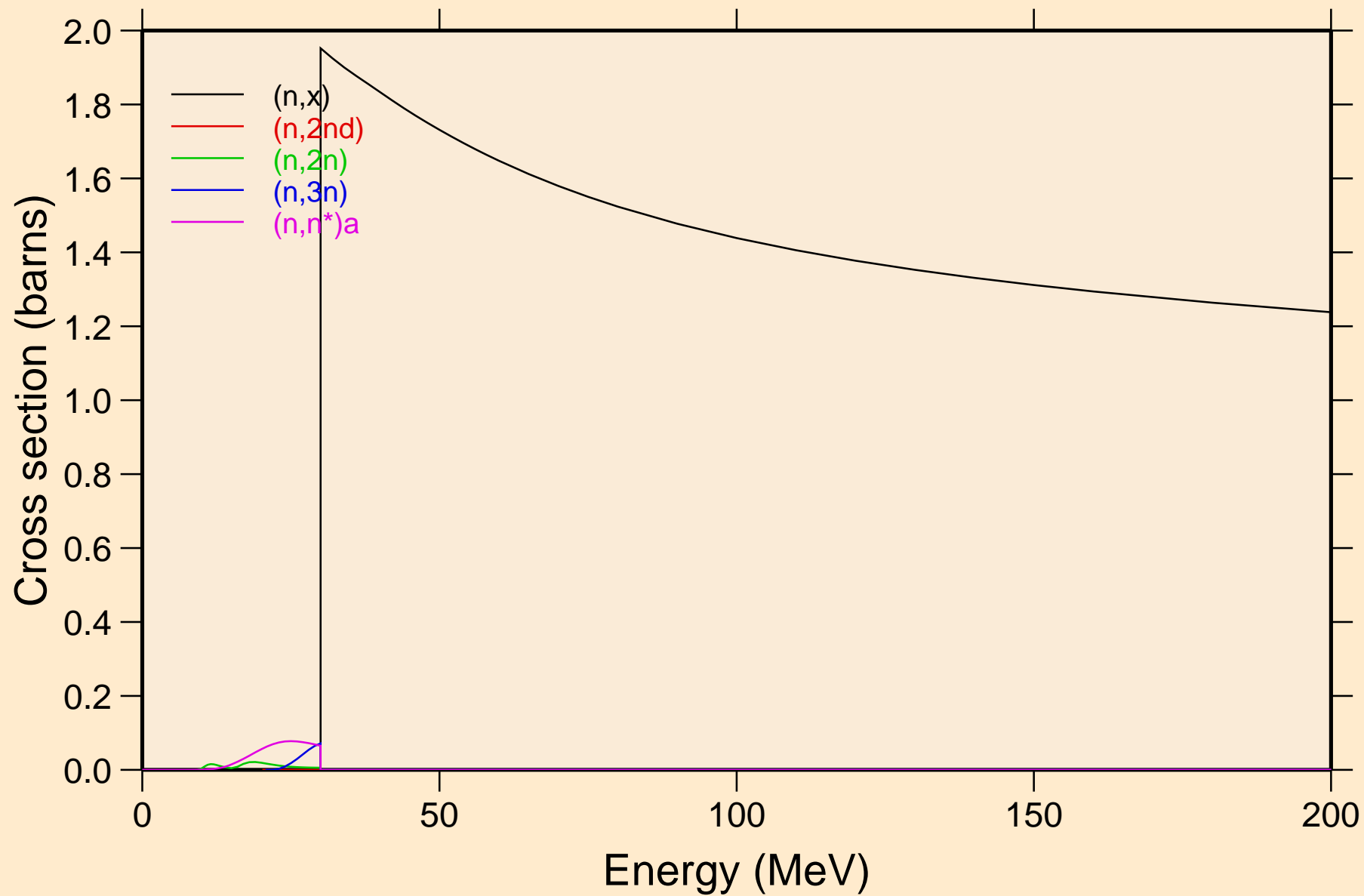
# PM136 NRG TENDL-2015, AKONING

## Inelastic levels



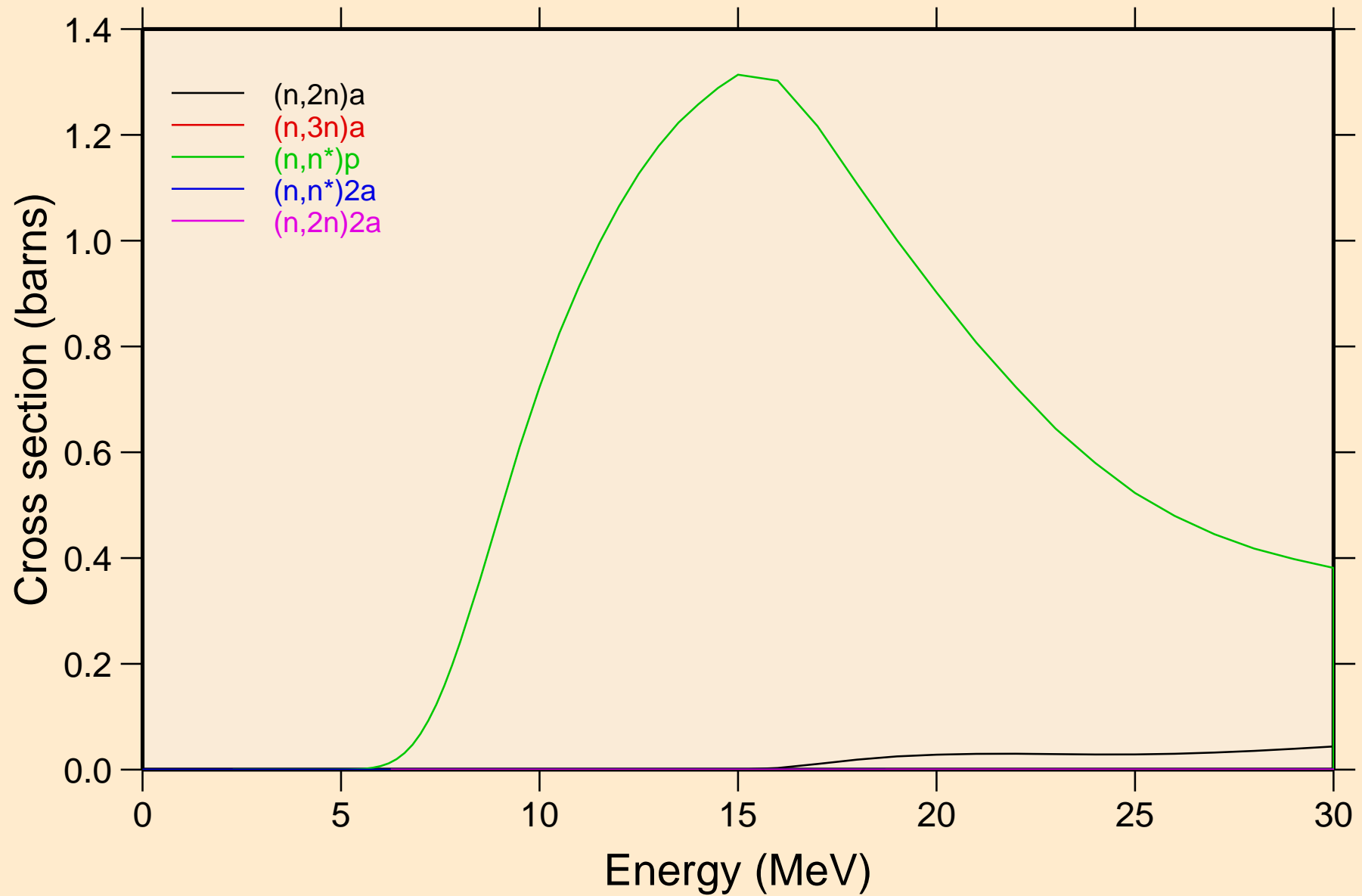
# PM136 NRG TENDL-2015, AKONING

## Threshold reactions



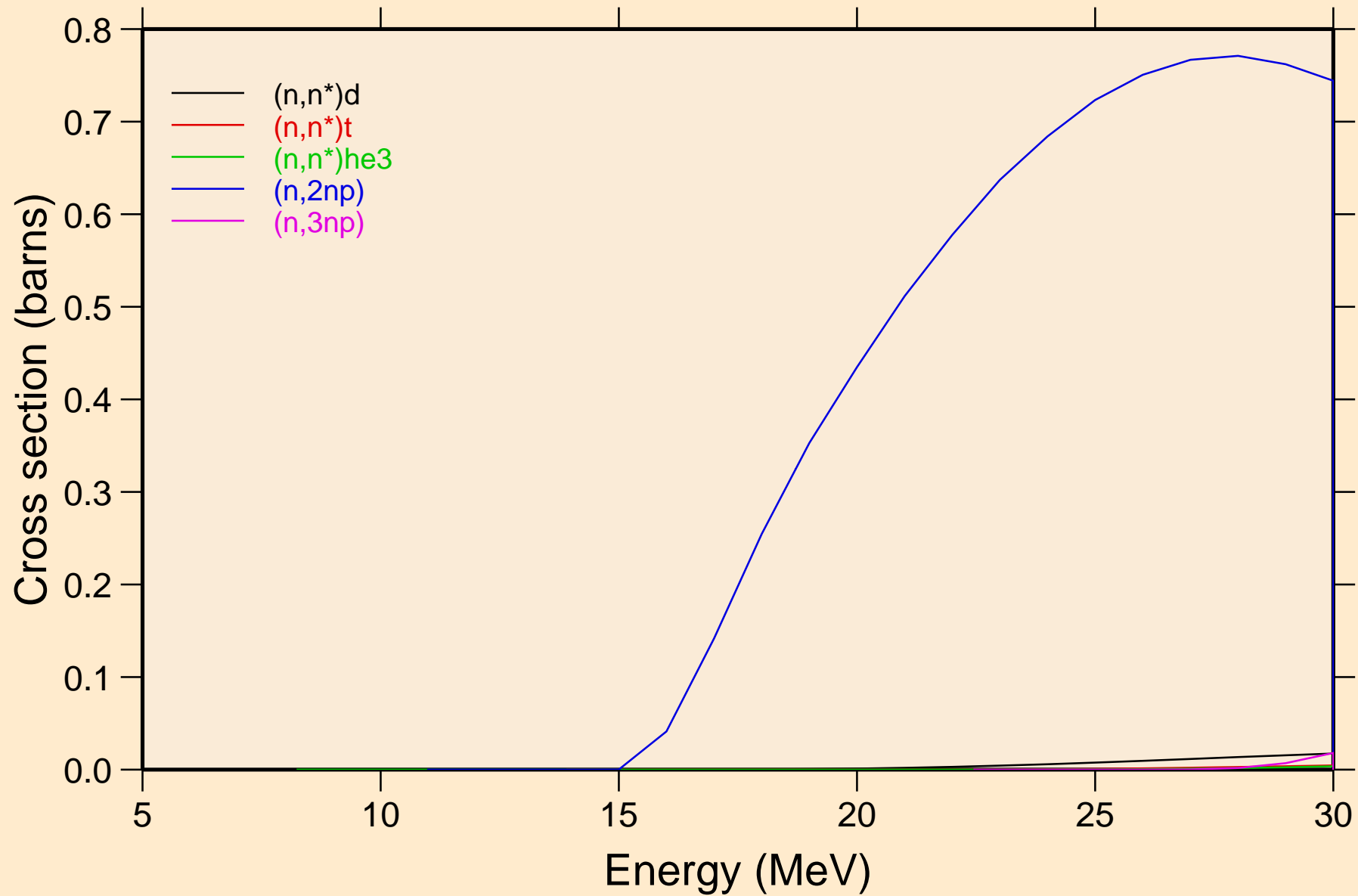
# PM136 NRG TENDL-2015, AKONING

## Threshold reactions



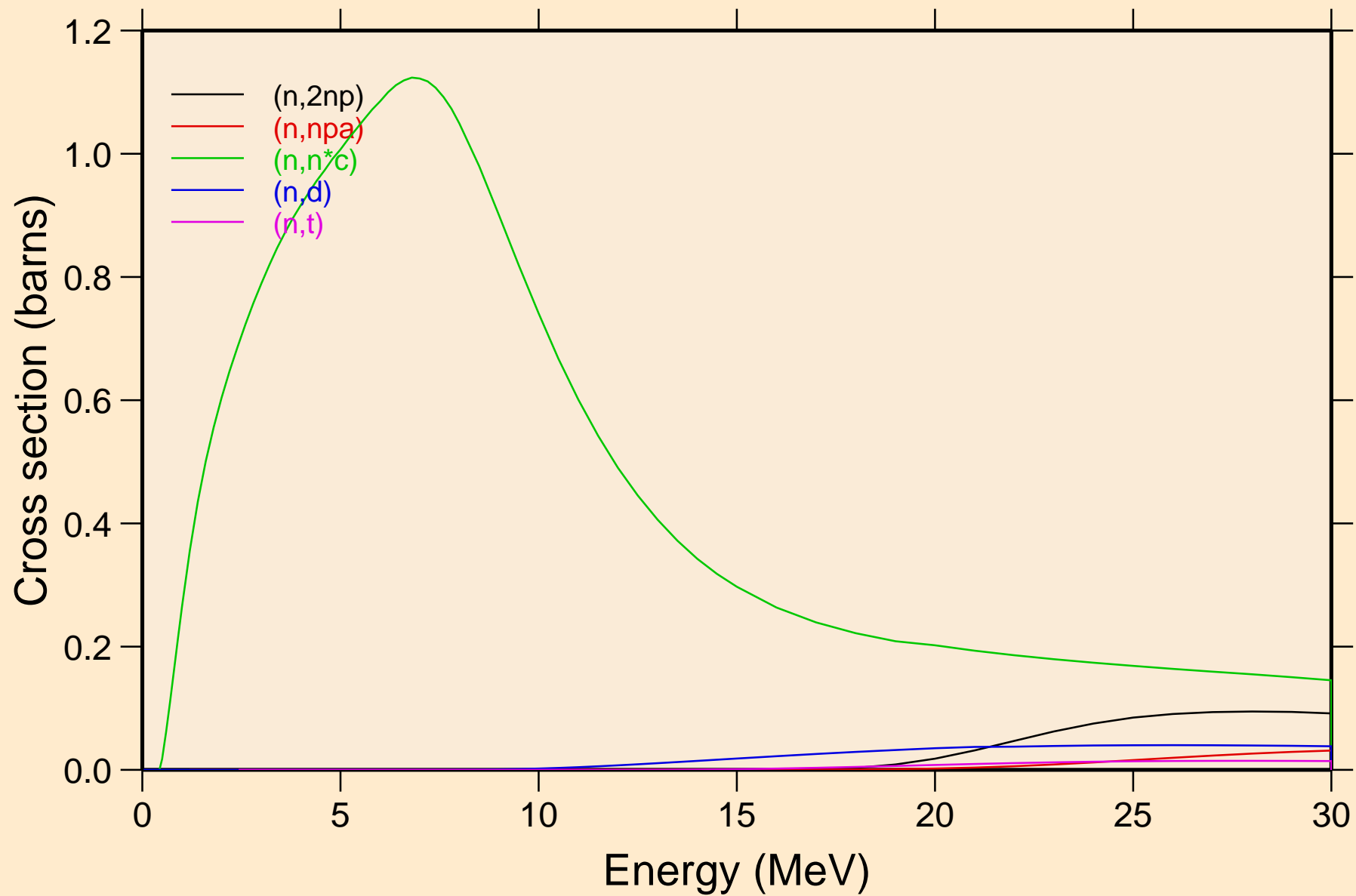
# PM136 NRG TENDL-2015, AKONING

## Threshold reactions



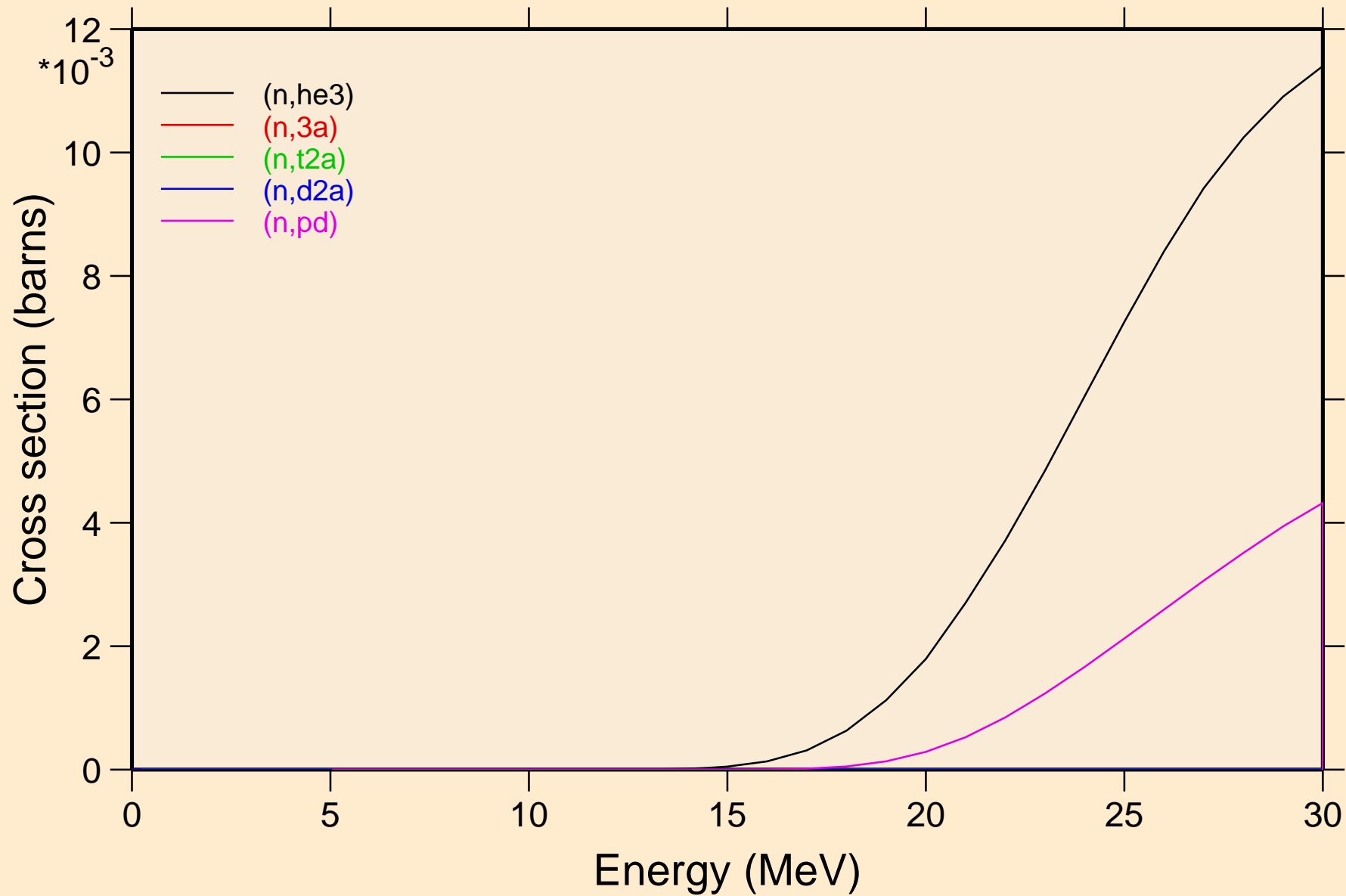
# PM136 NRG TENDL-2015, AKONING

## Threshold reactions



# PM136 NRG TENDL-2015, AKONING

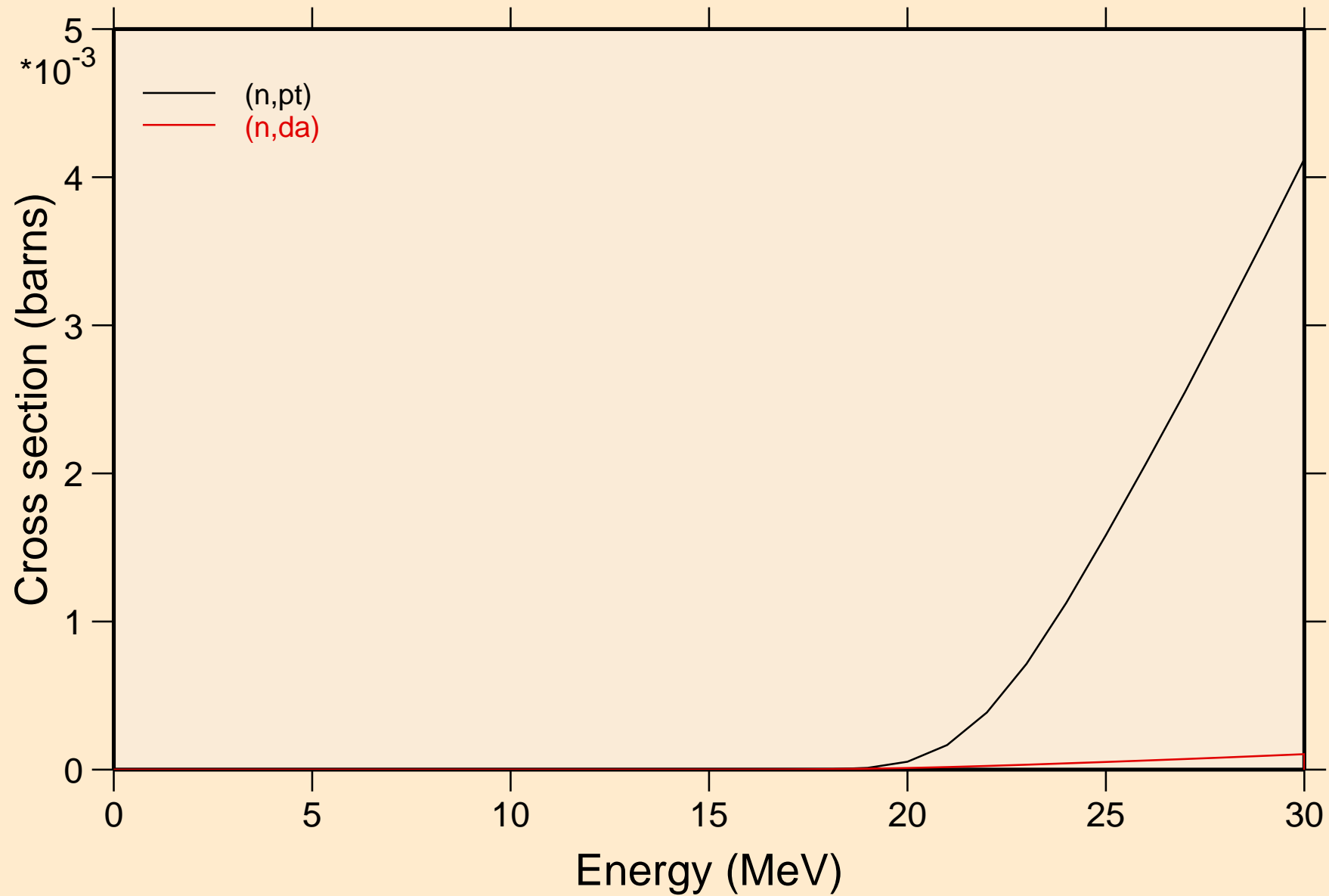
## Threshold reactions



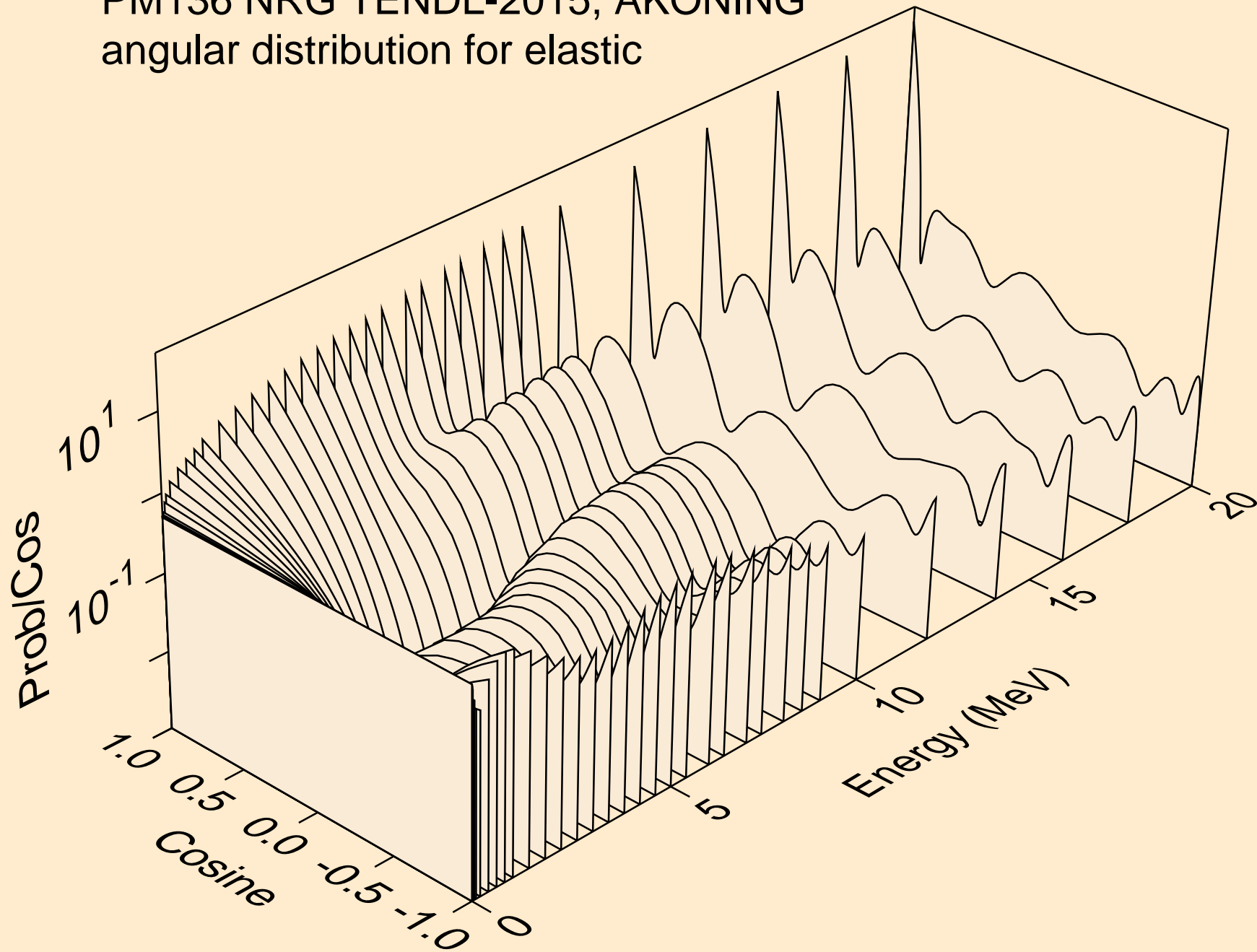


# PM136 NRG TENDL-2015, AKONING

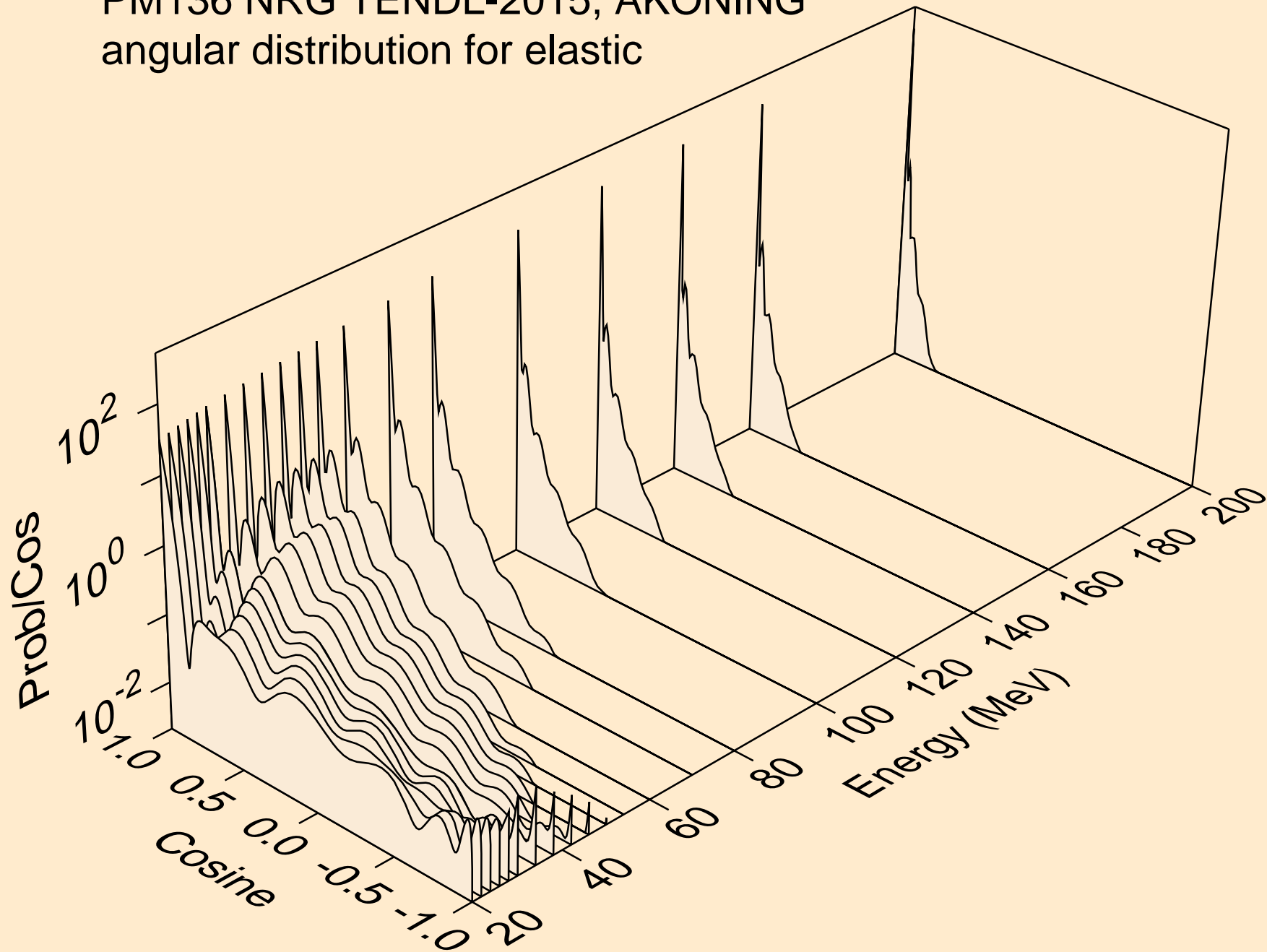
## Threshold reactions



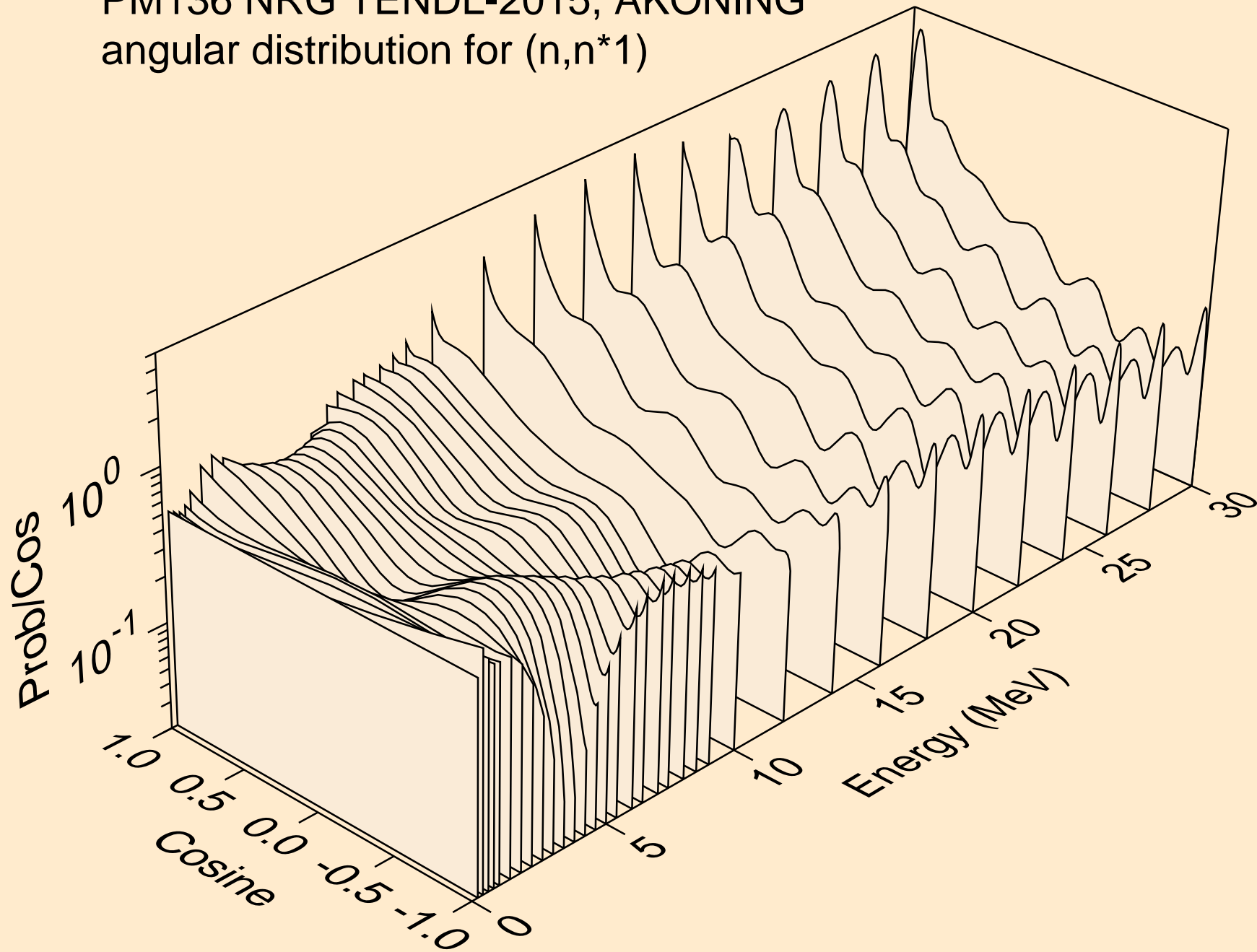
PM136 NRG TENDL-2015, AKONING  
angular distribution for elastic



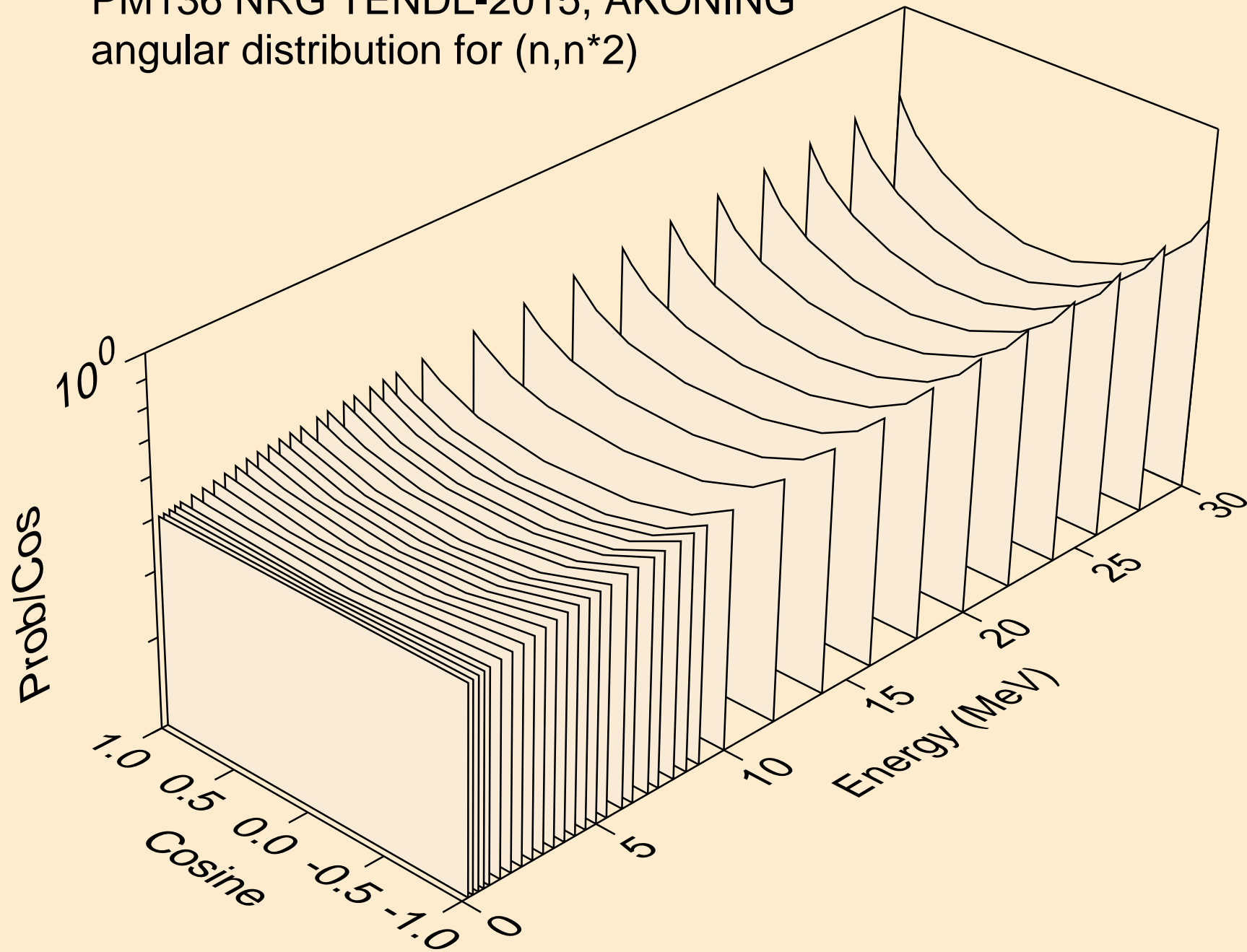
PM136 NRG TENDL-2015, AKONING  
angular distribution for elastic



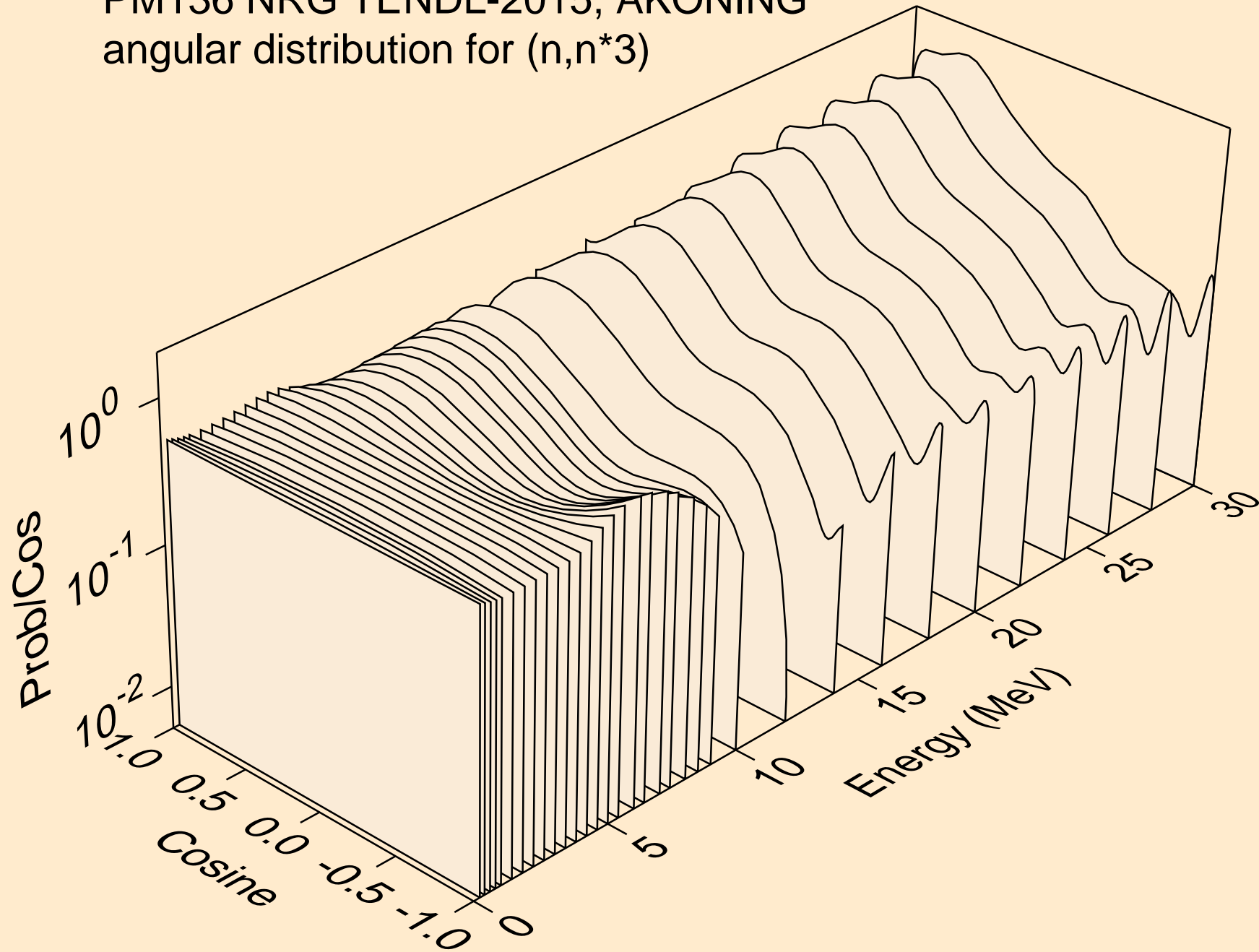
PM136 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



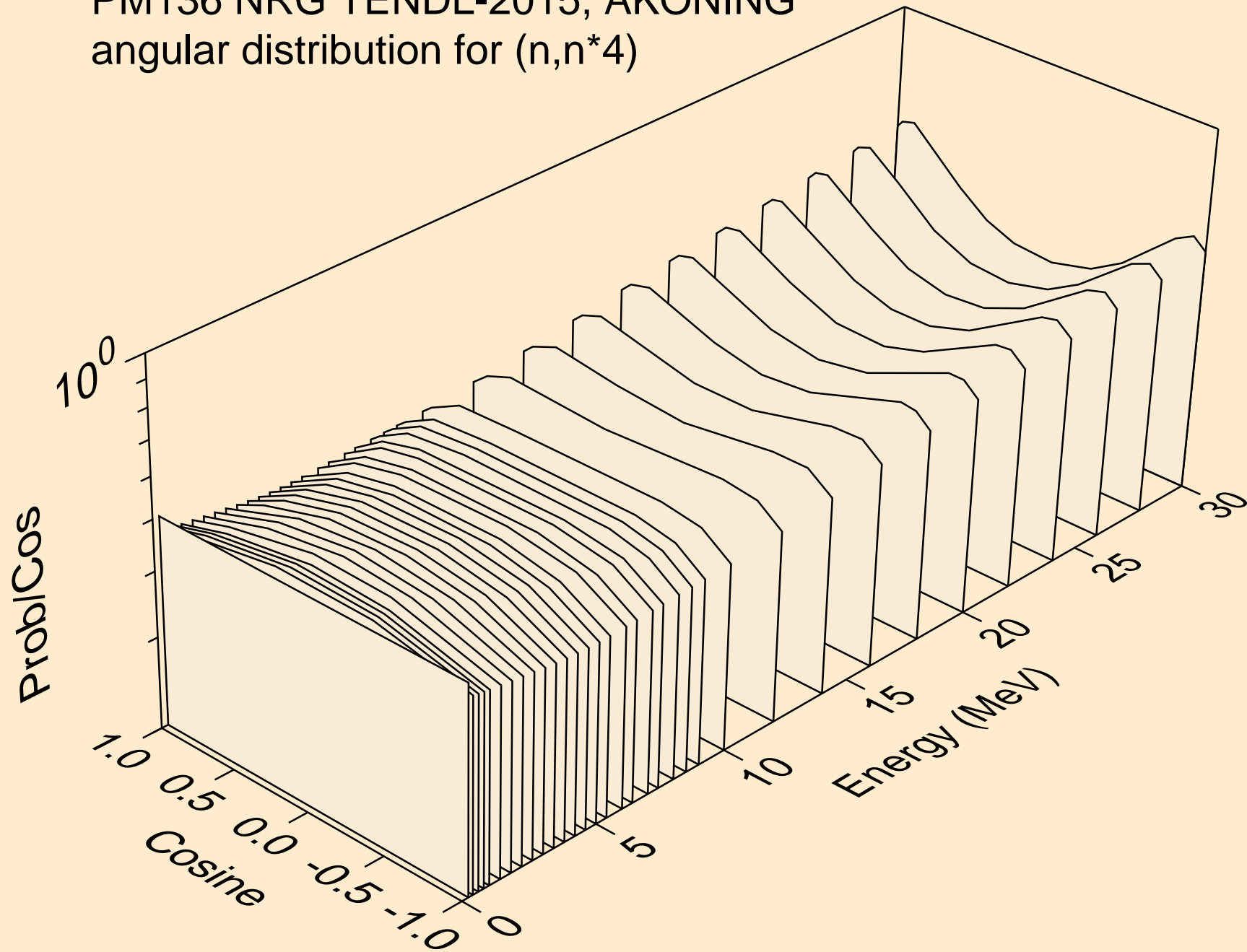
PM136 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



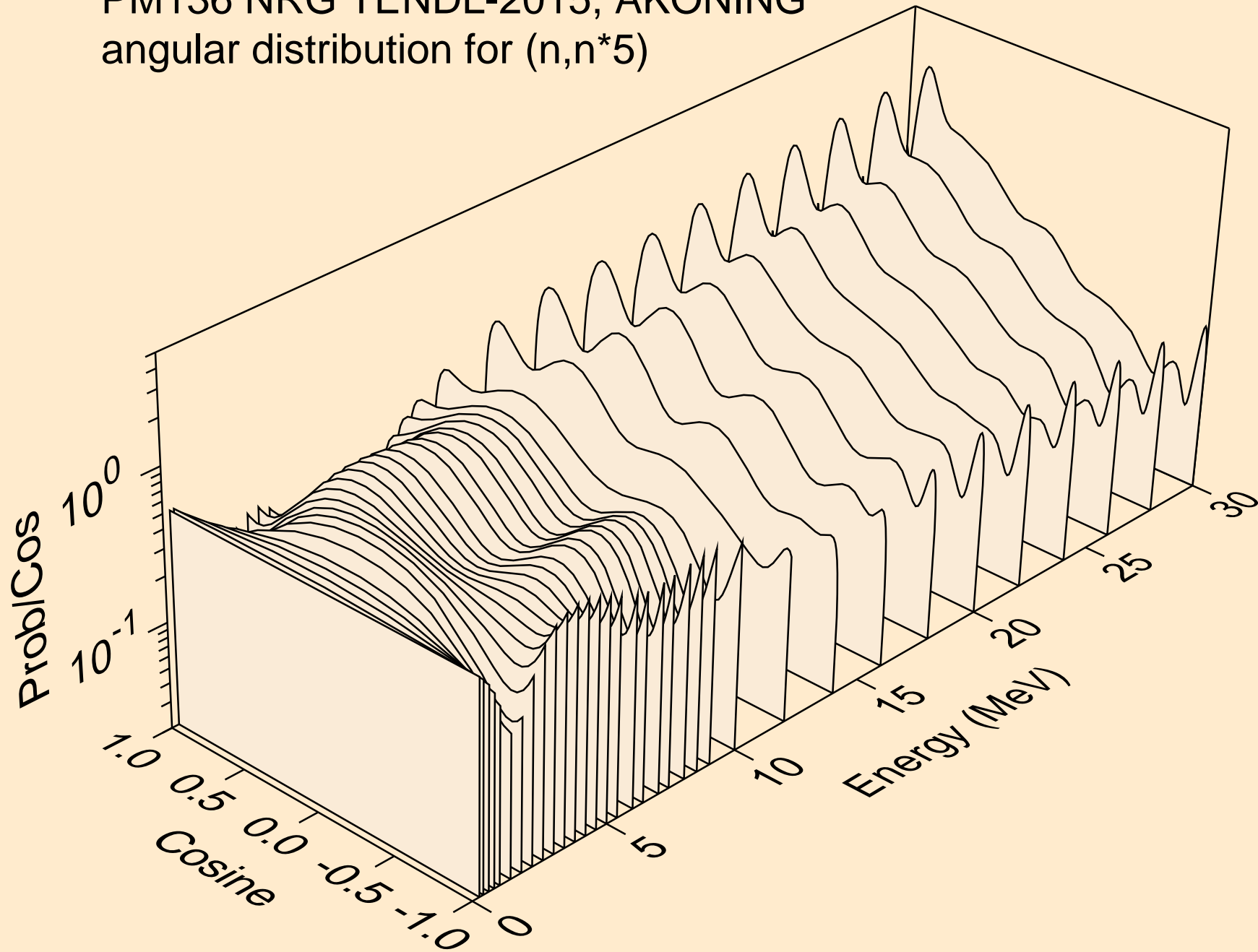
PM136 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



PM136 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)

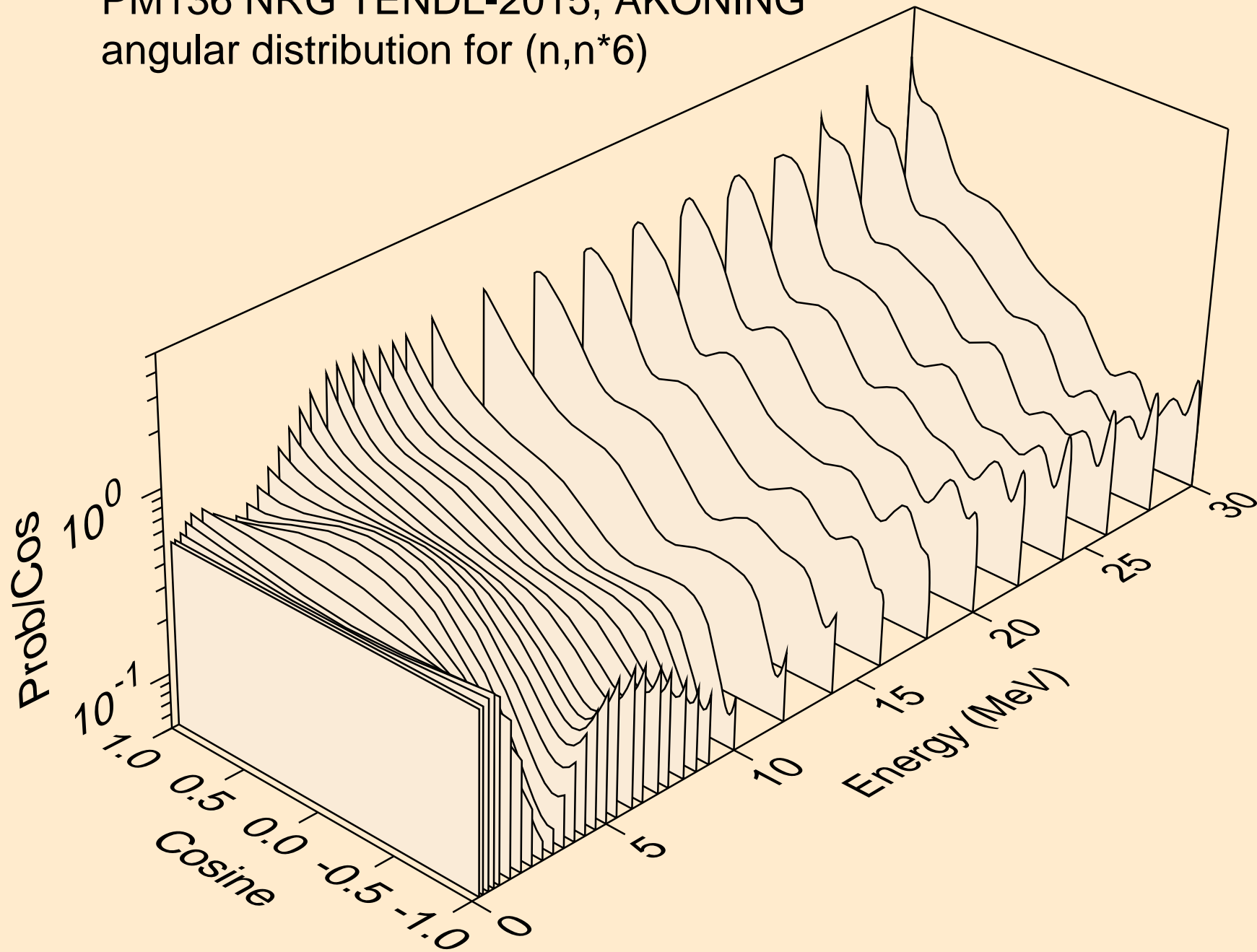


PM136 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

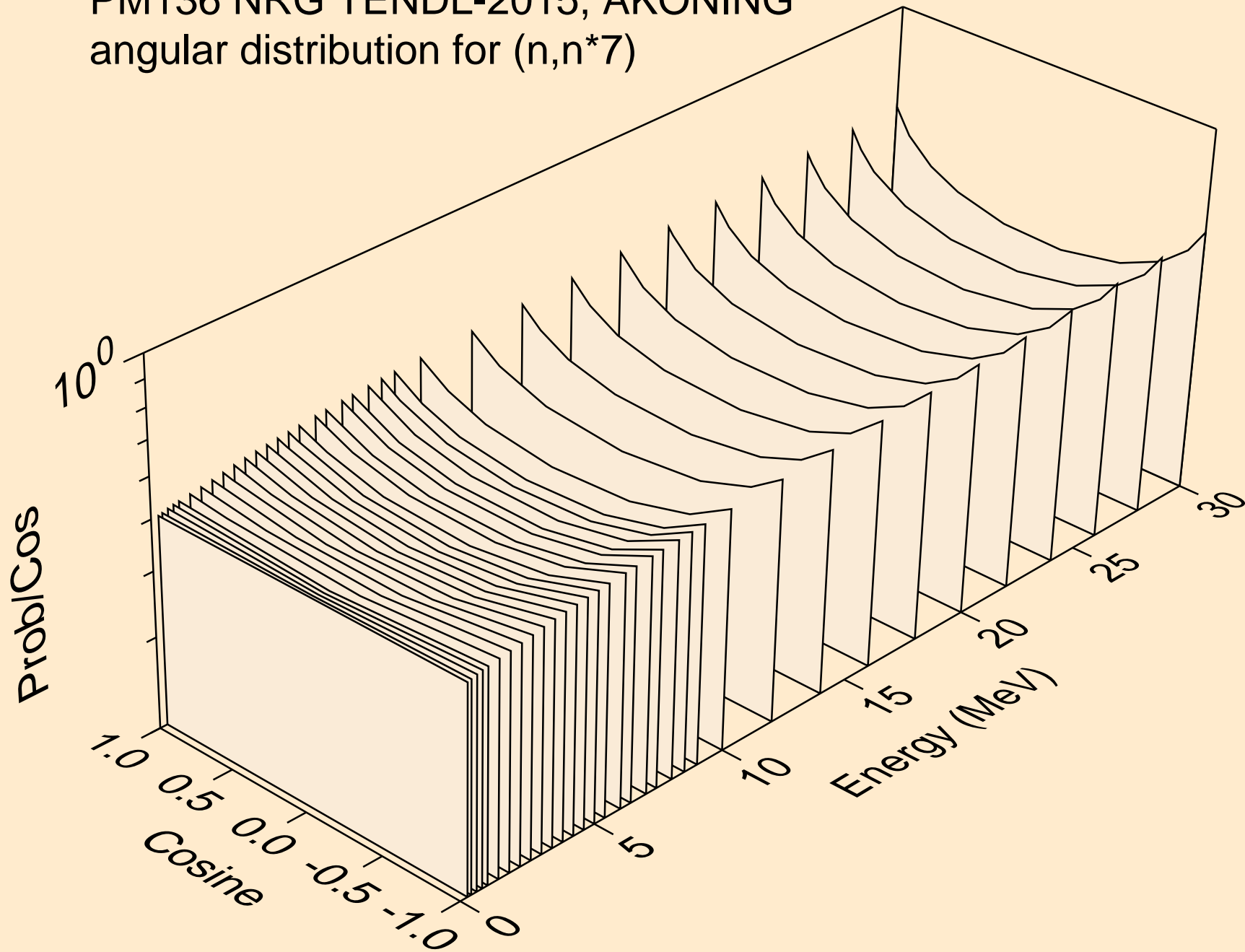




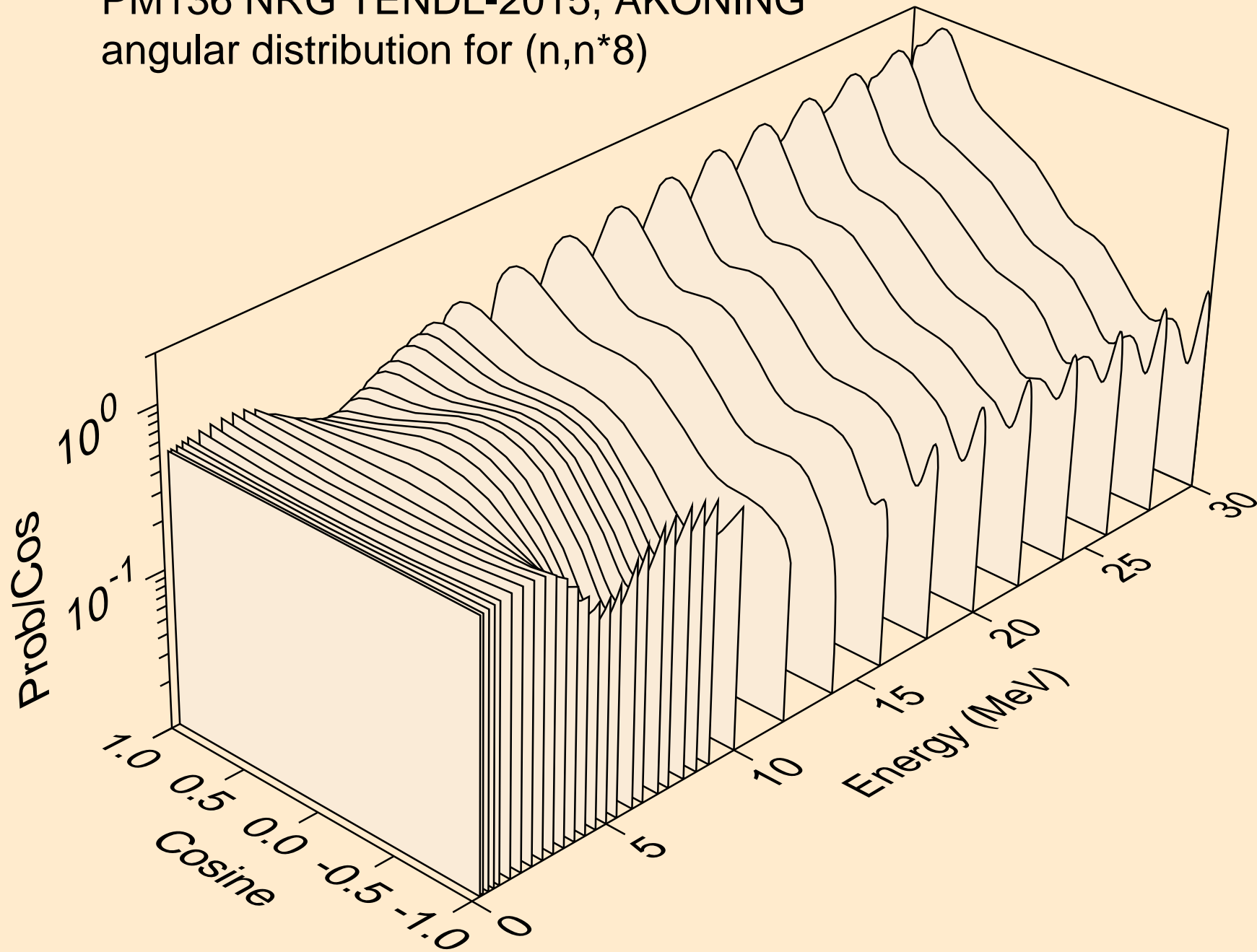
PM136 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



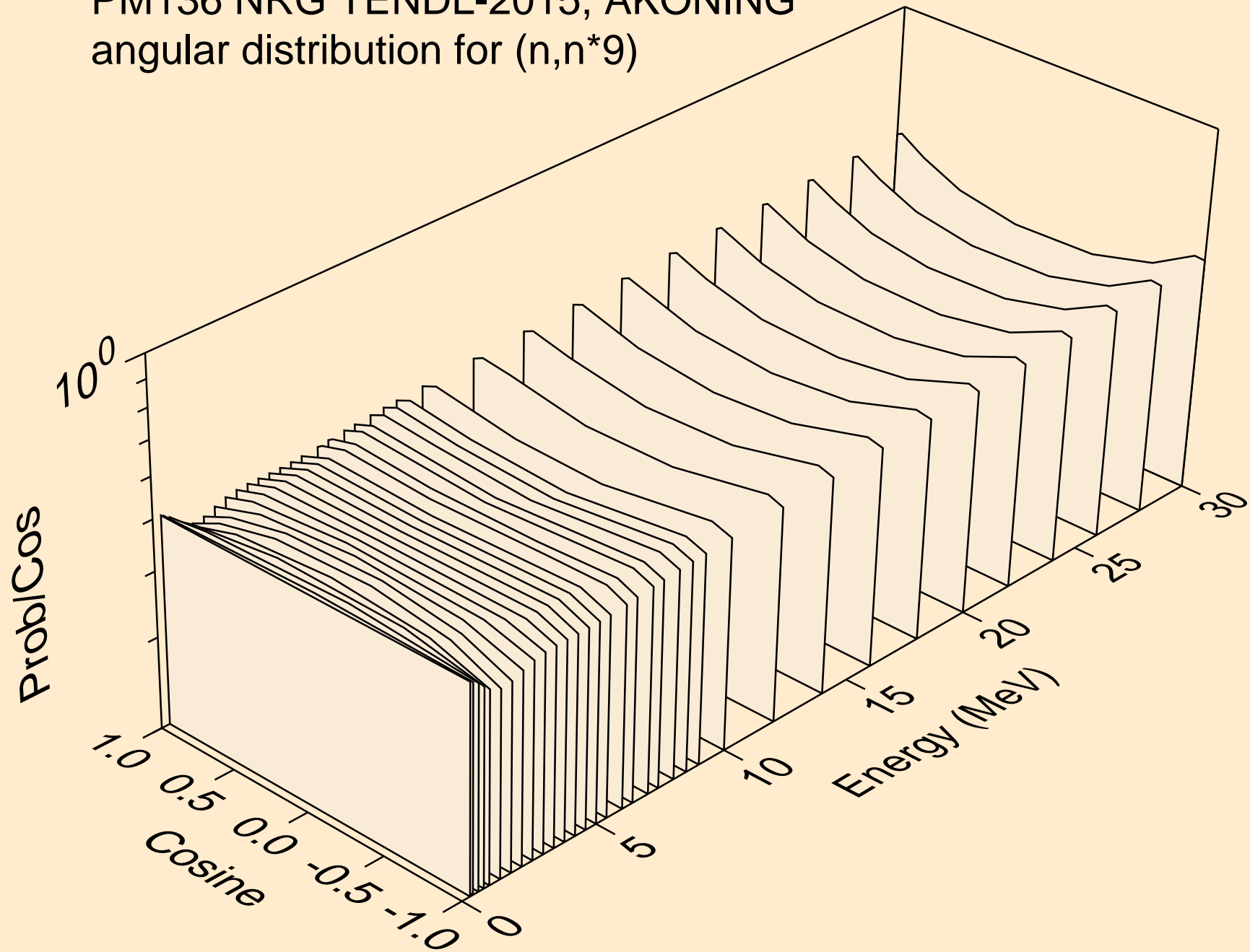
PM136 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



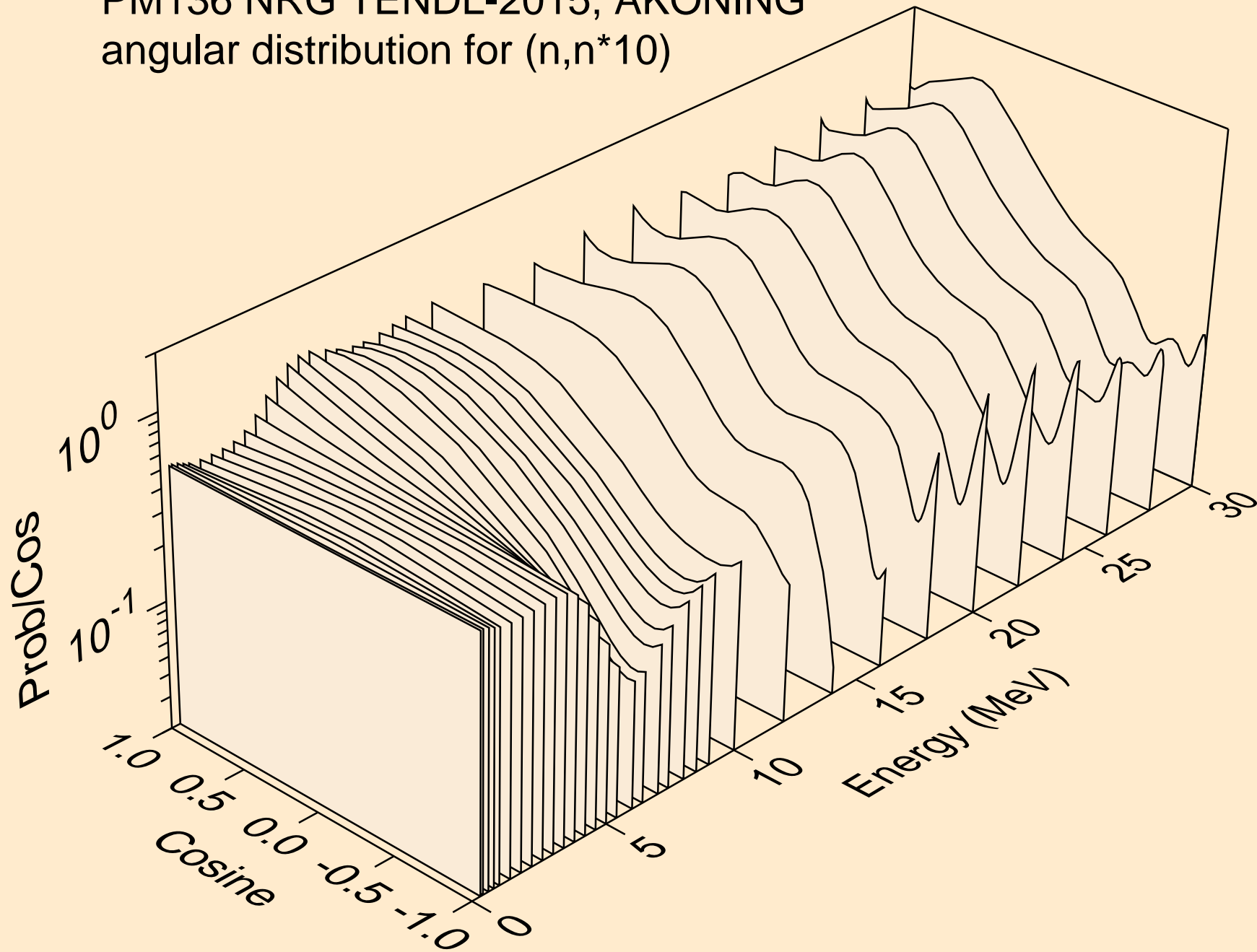
PM136 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



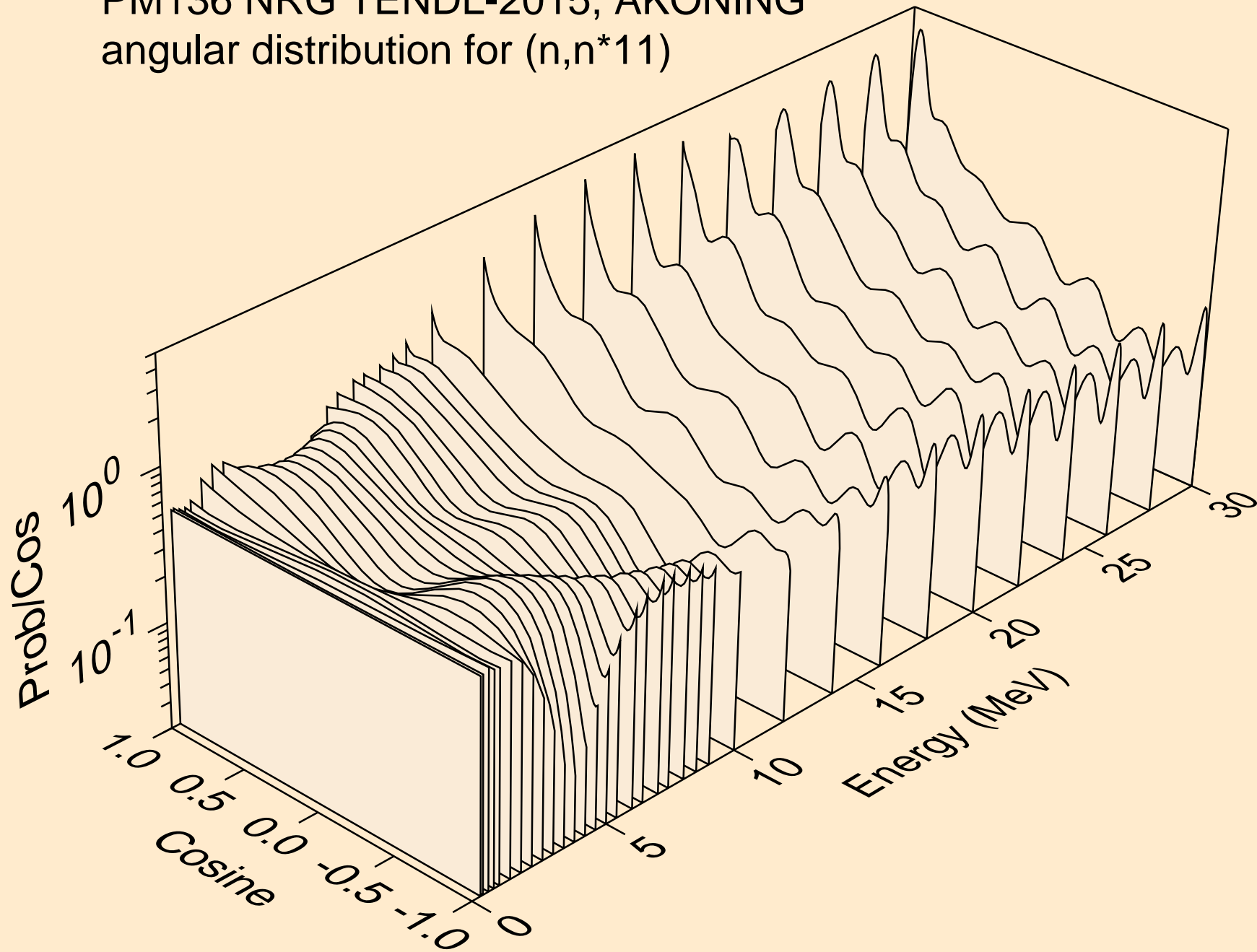
PM136 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



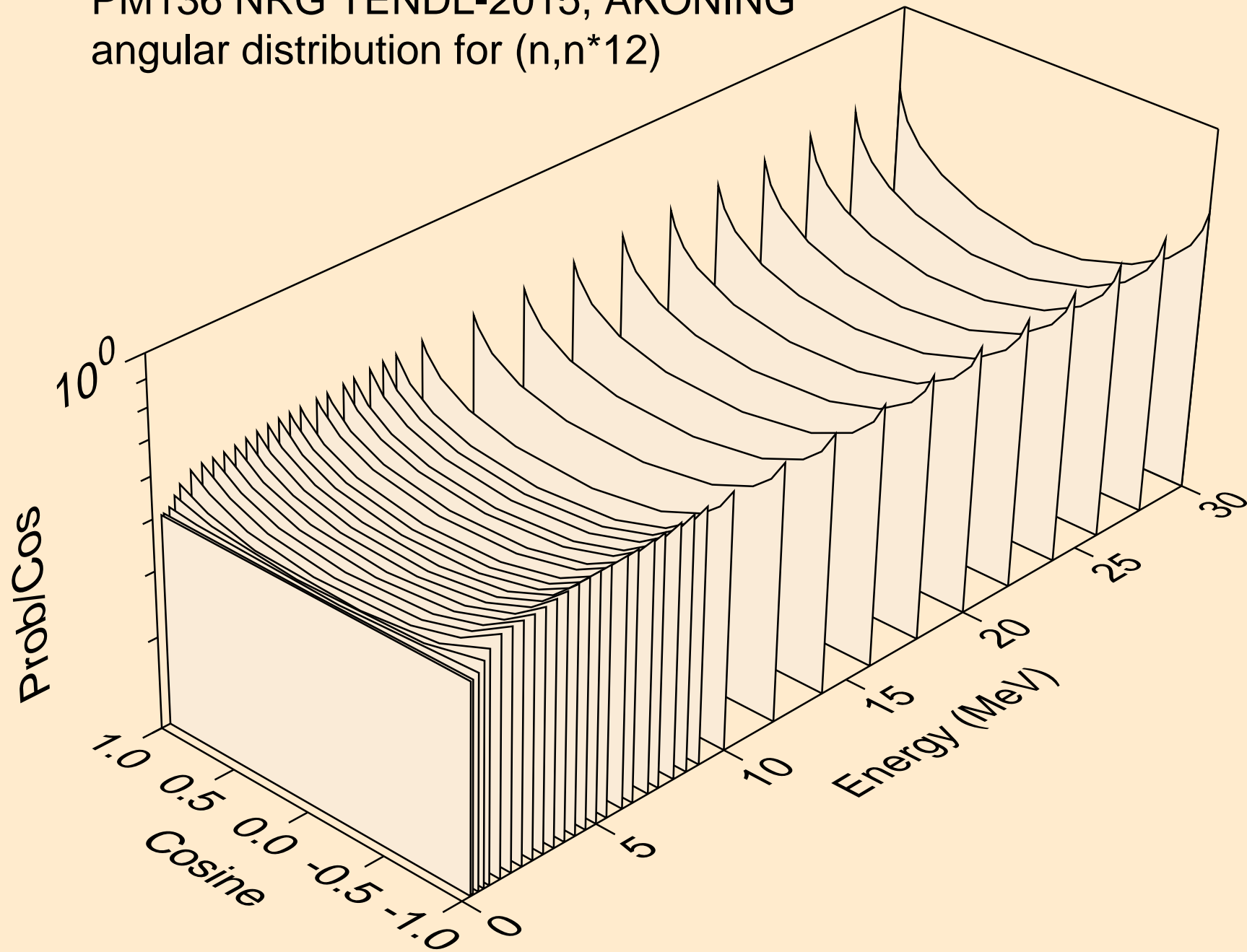
PM136 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



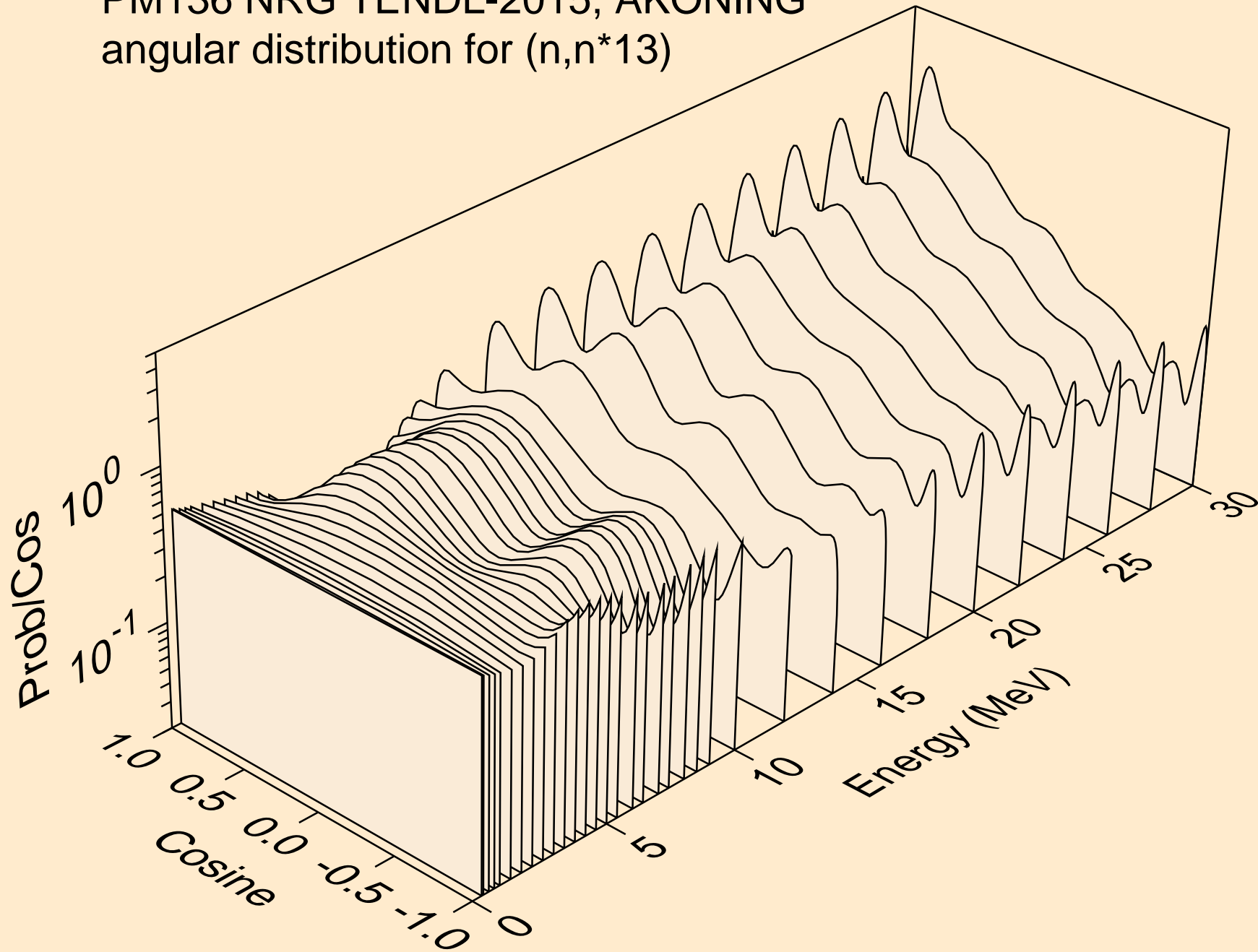
PM136 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



PM136 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)

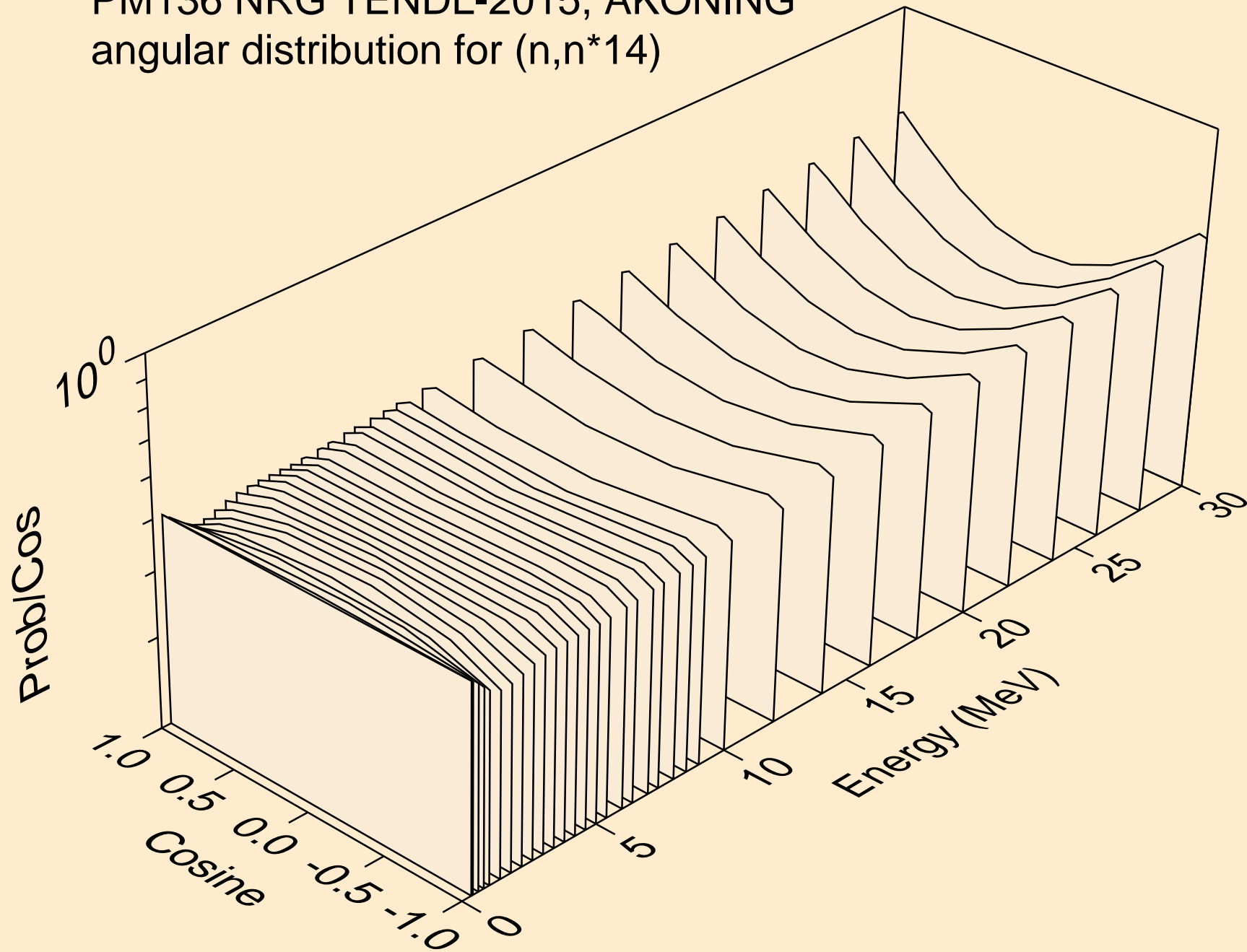


PM136 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

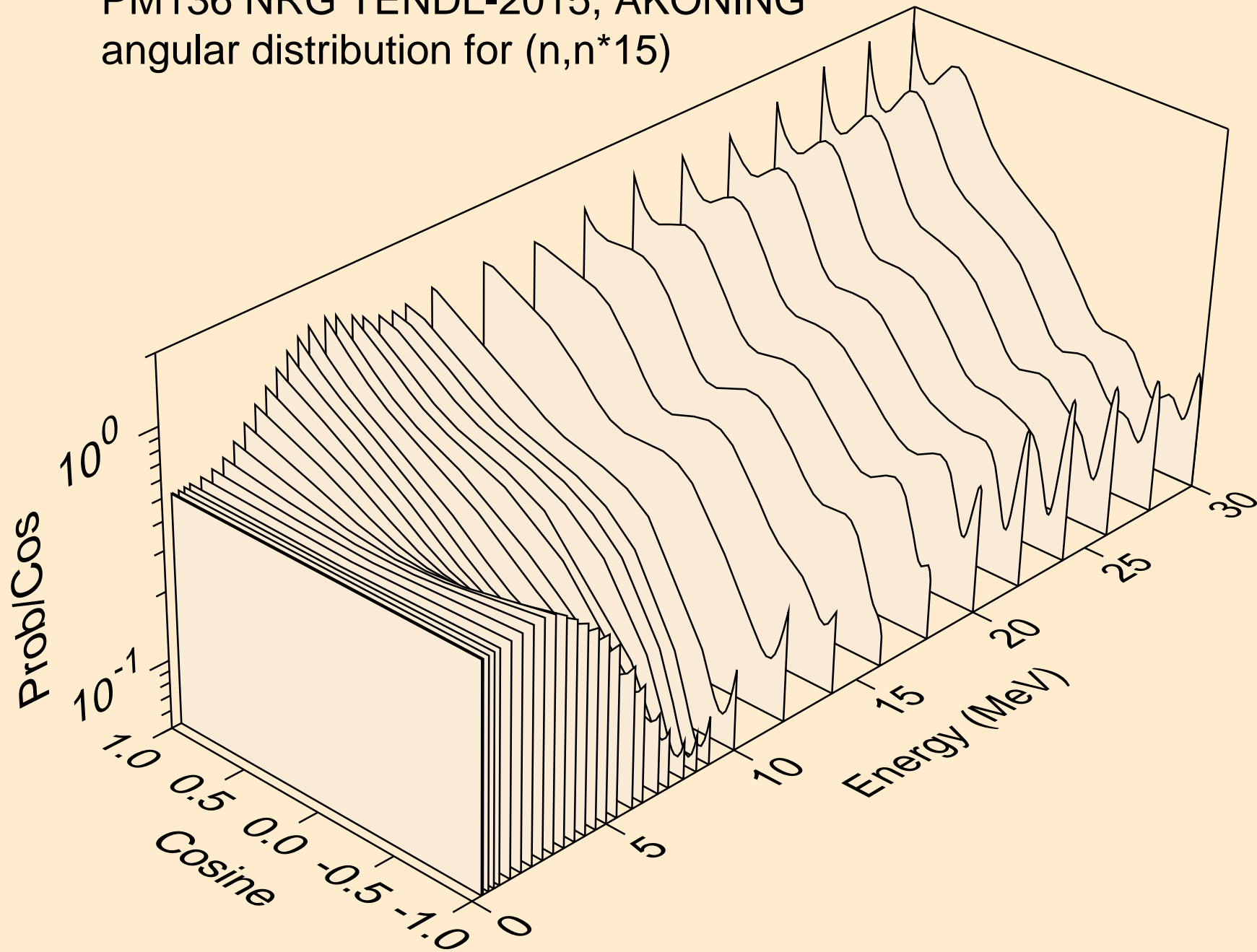




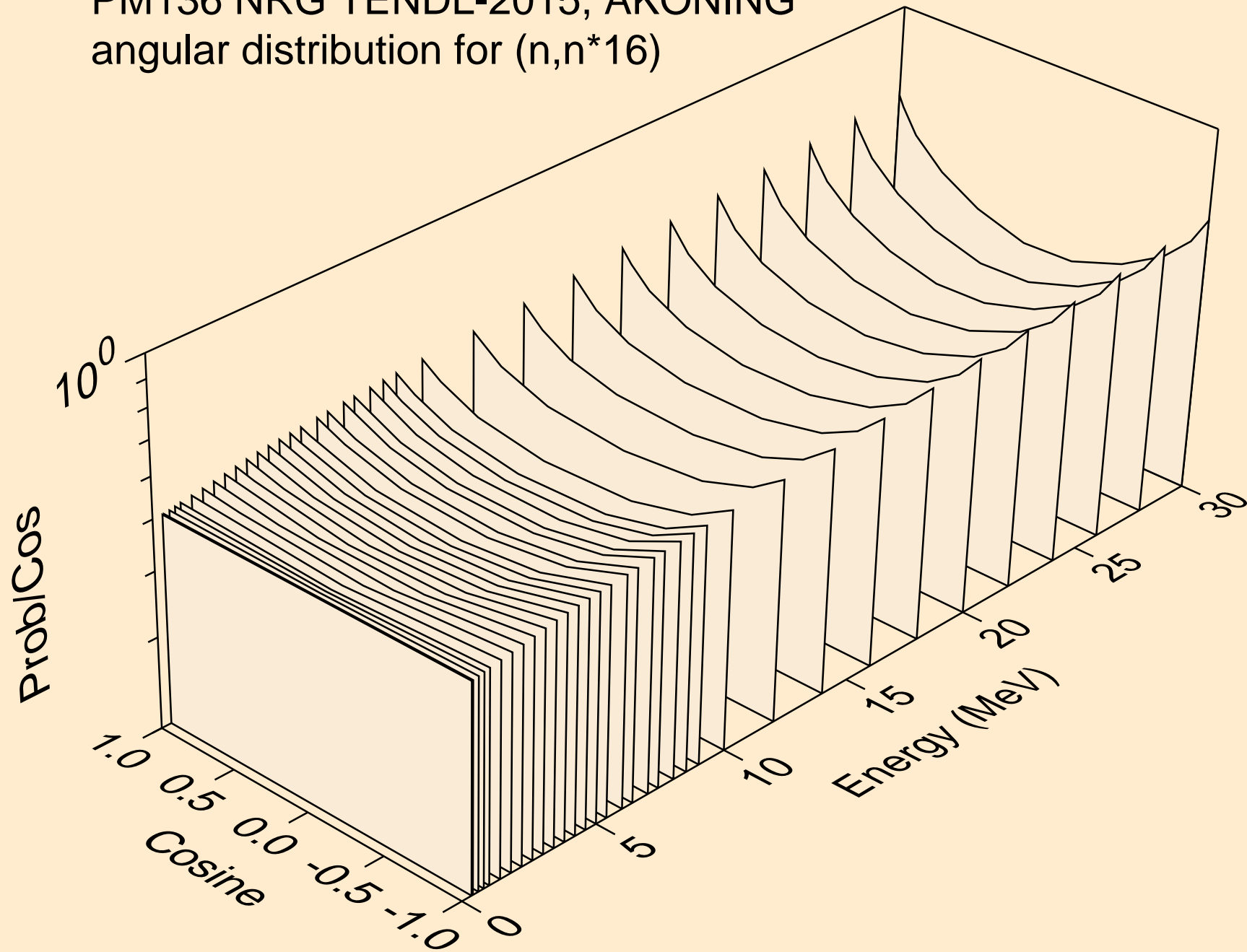
PM136 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



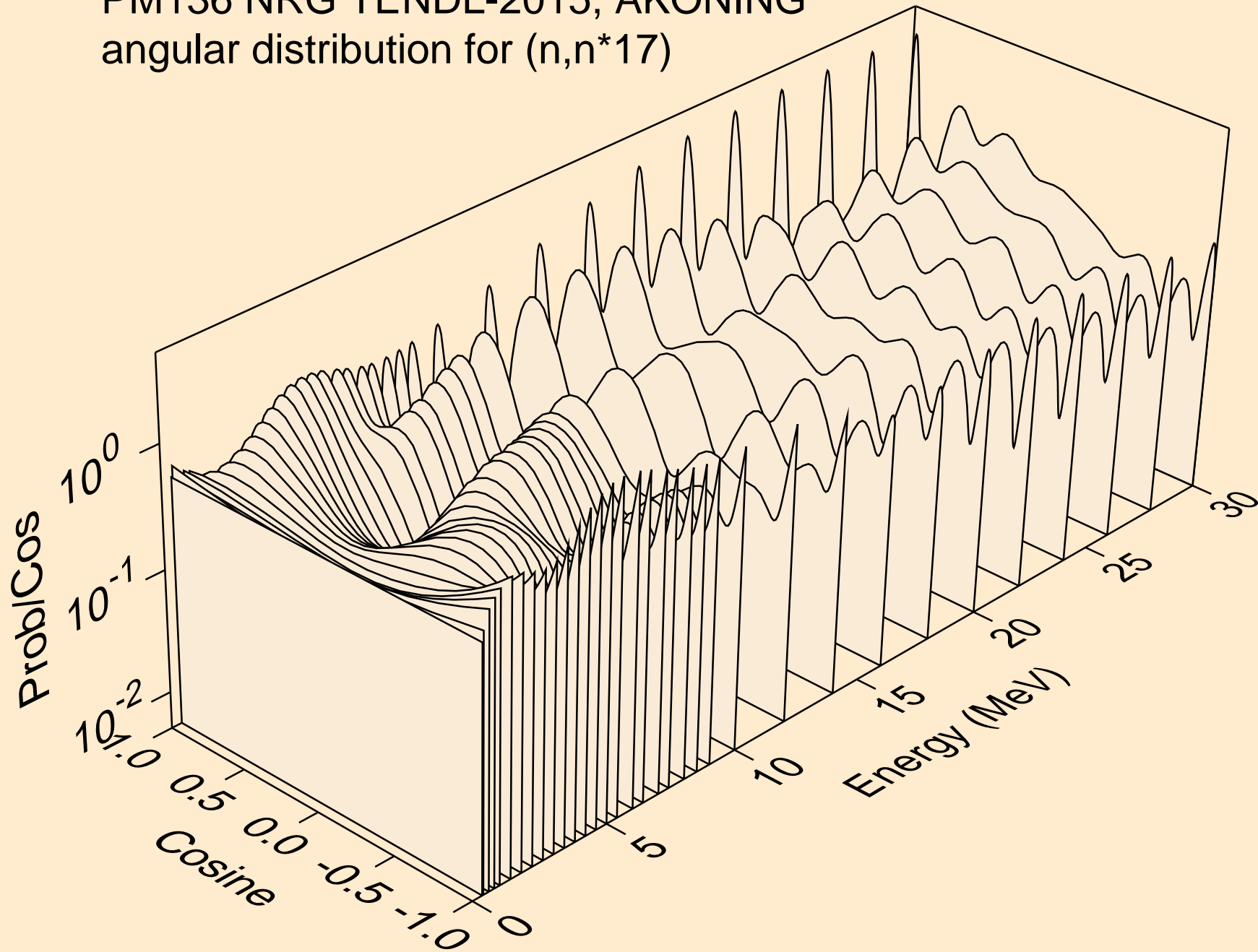
PM136 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



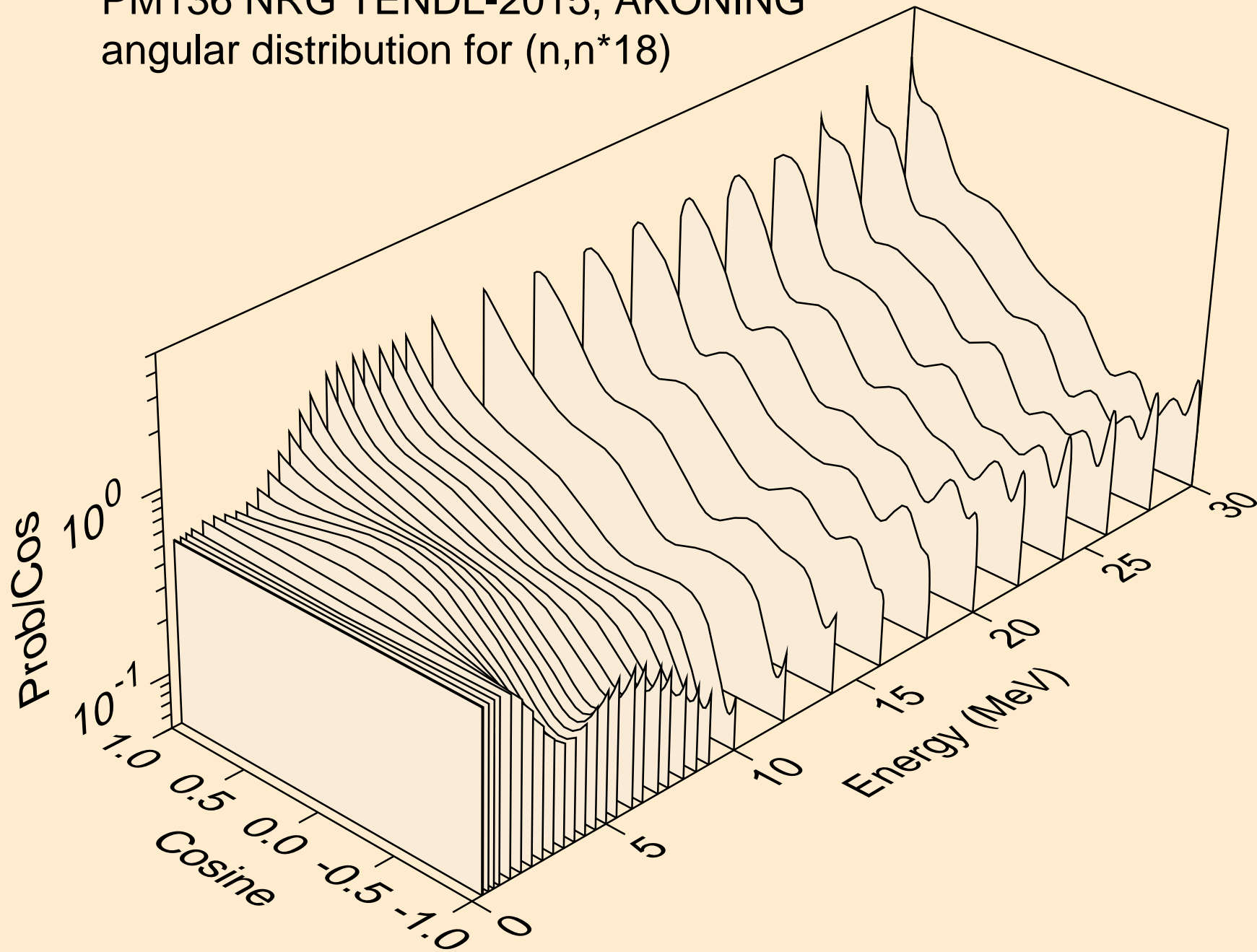
PM136 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



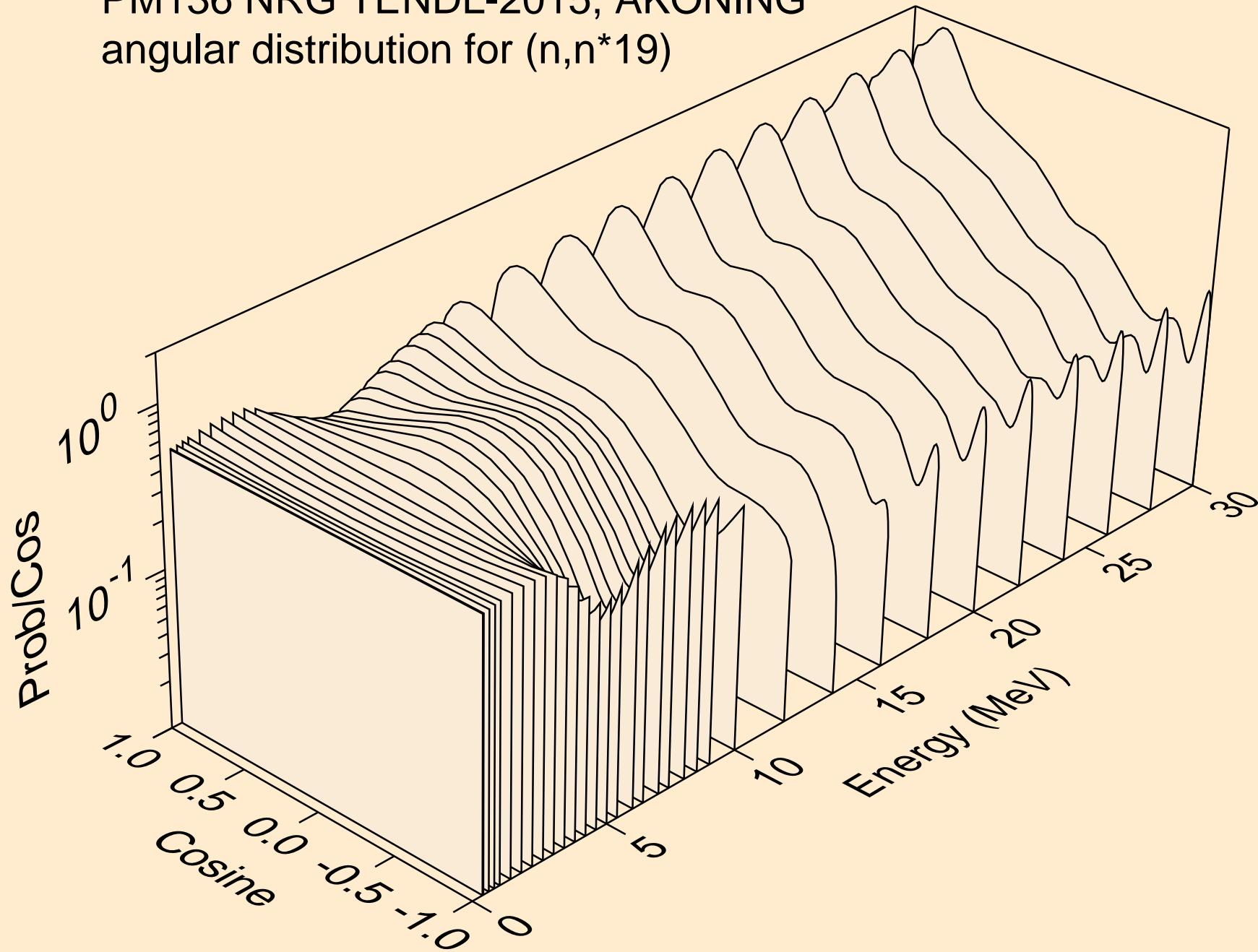
PM136 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



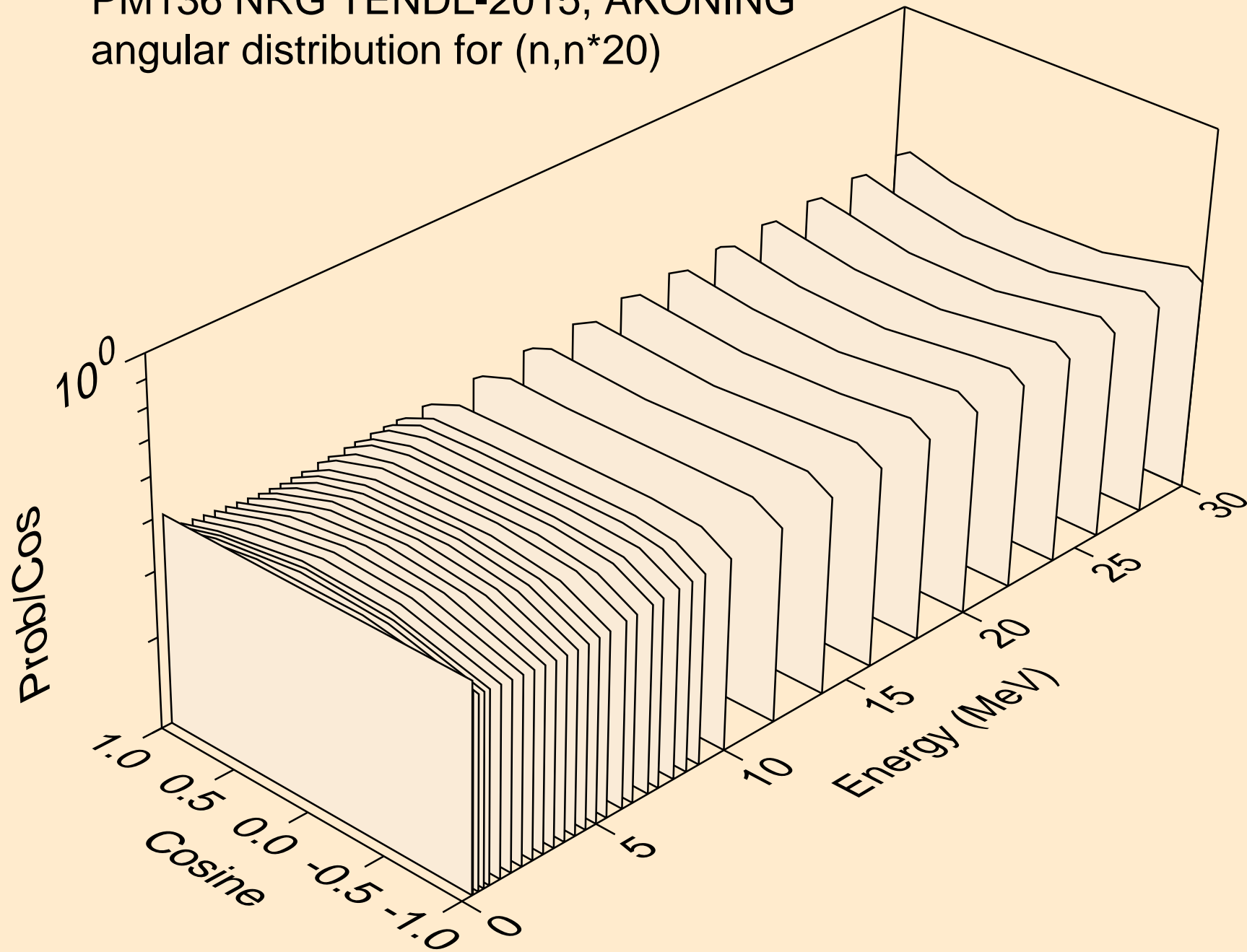
PM136 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



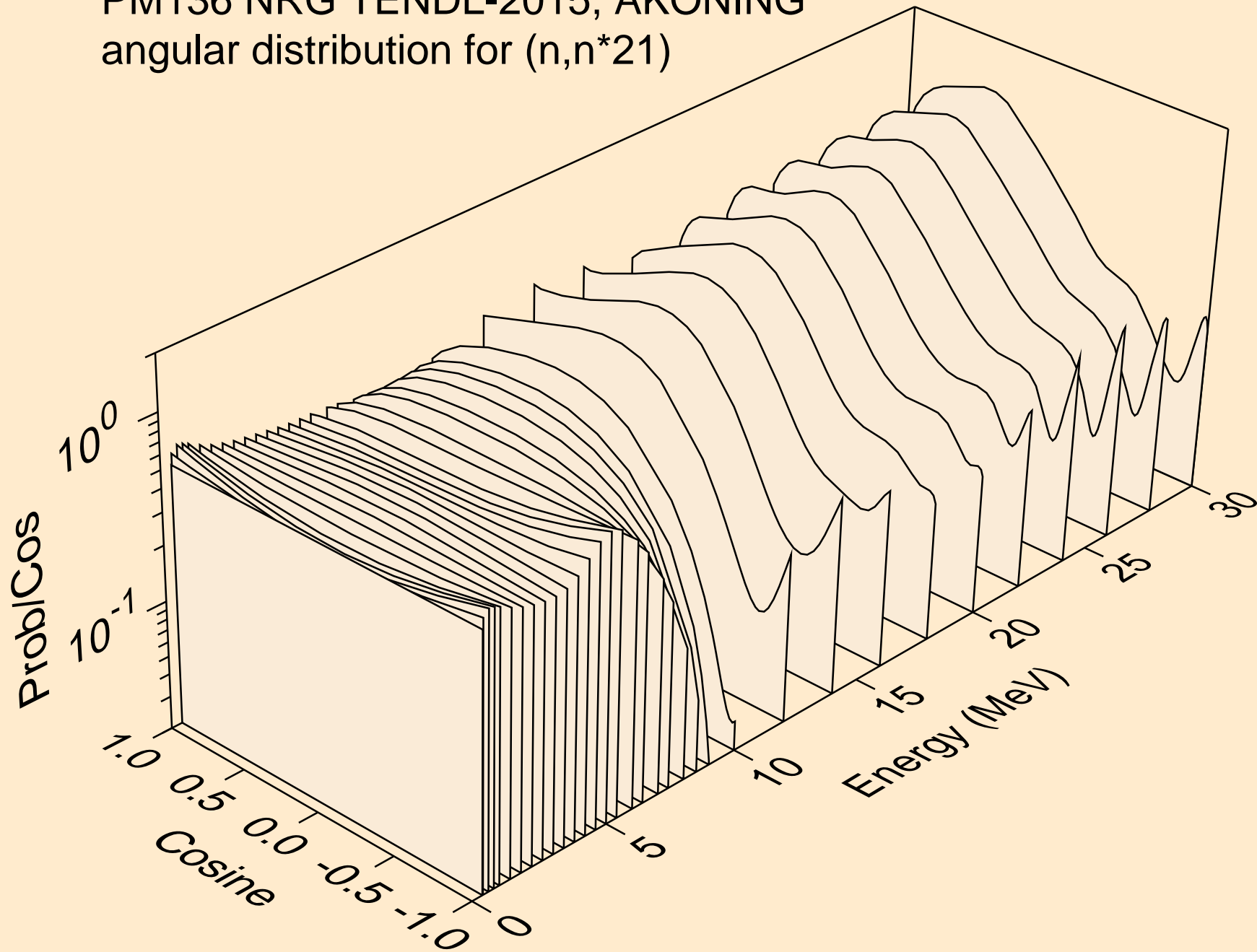
PM136 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



PM136 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)

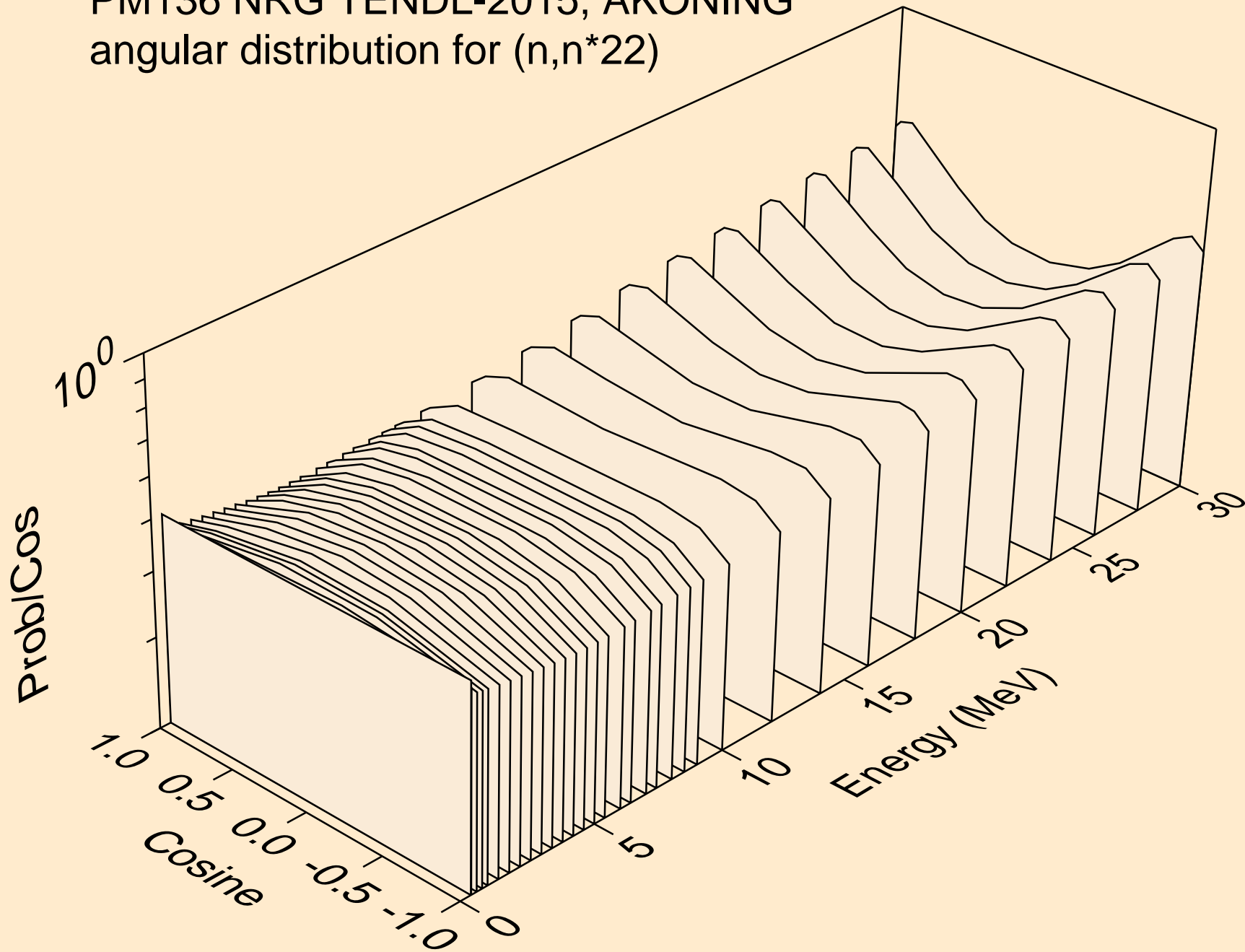


PM136 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

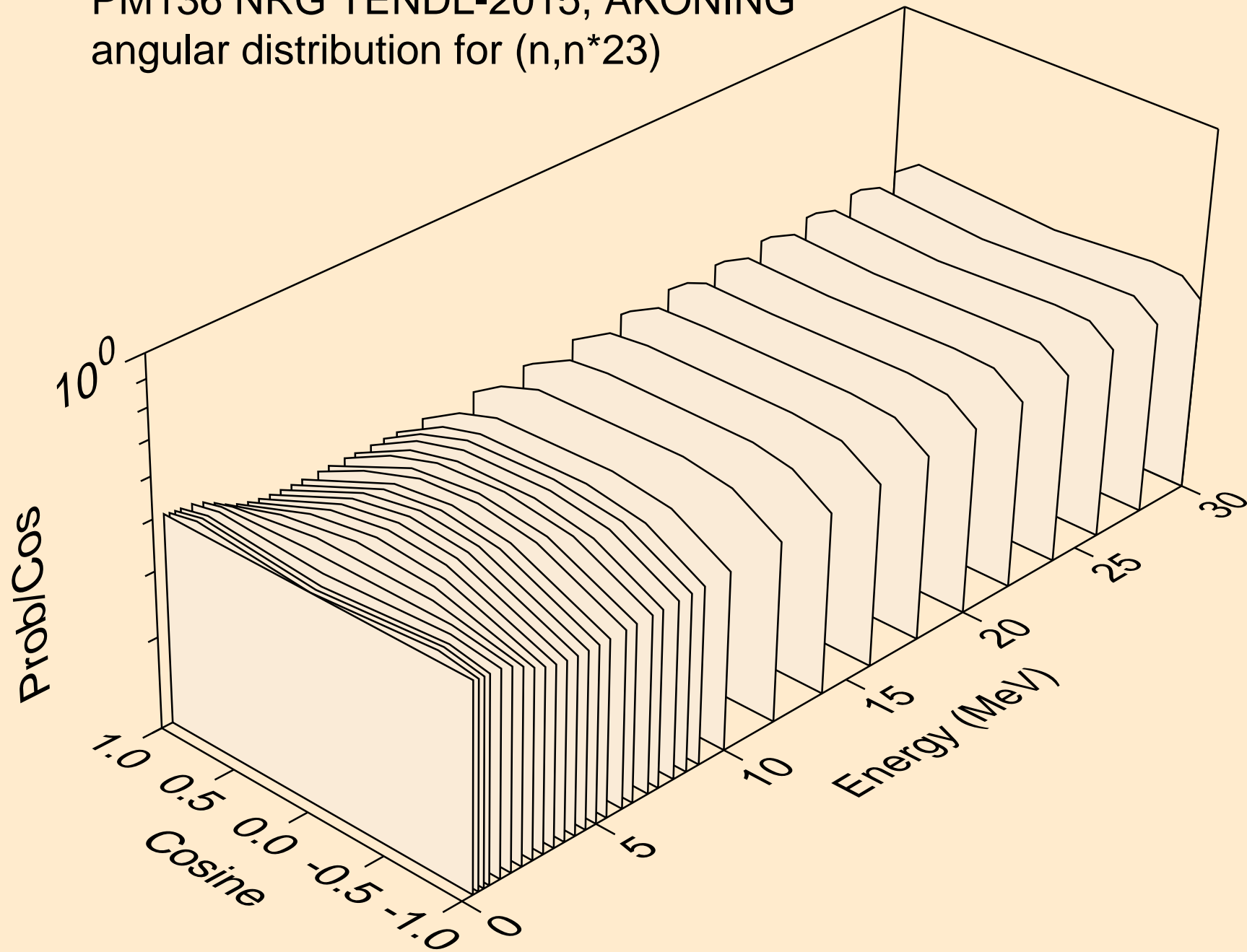




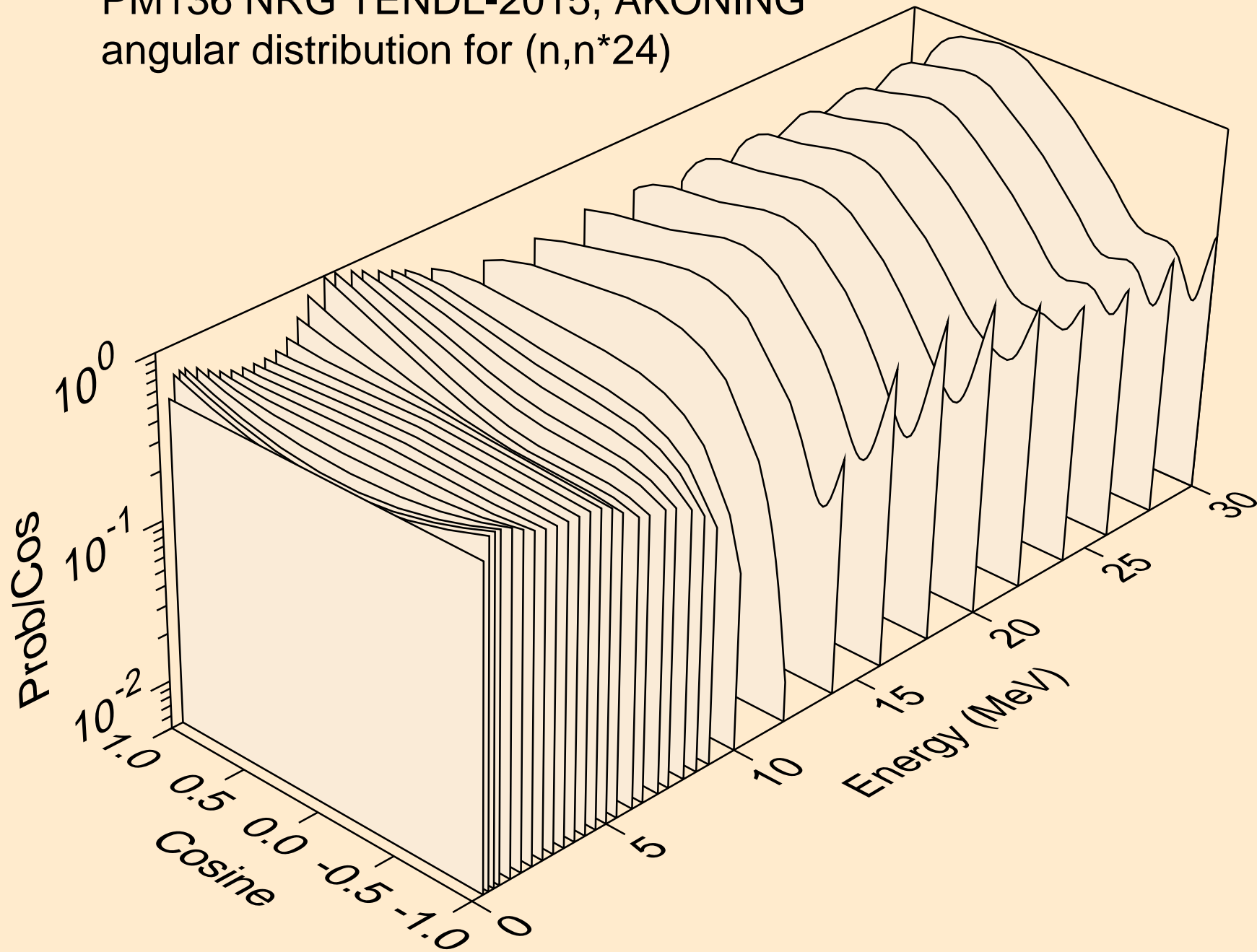
PM136 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



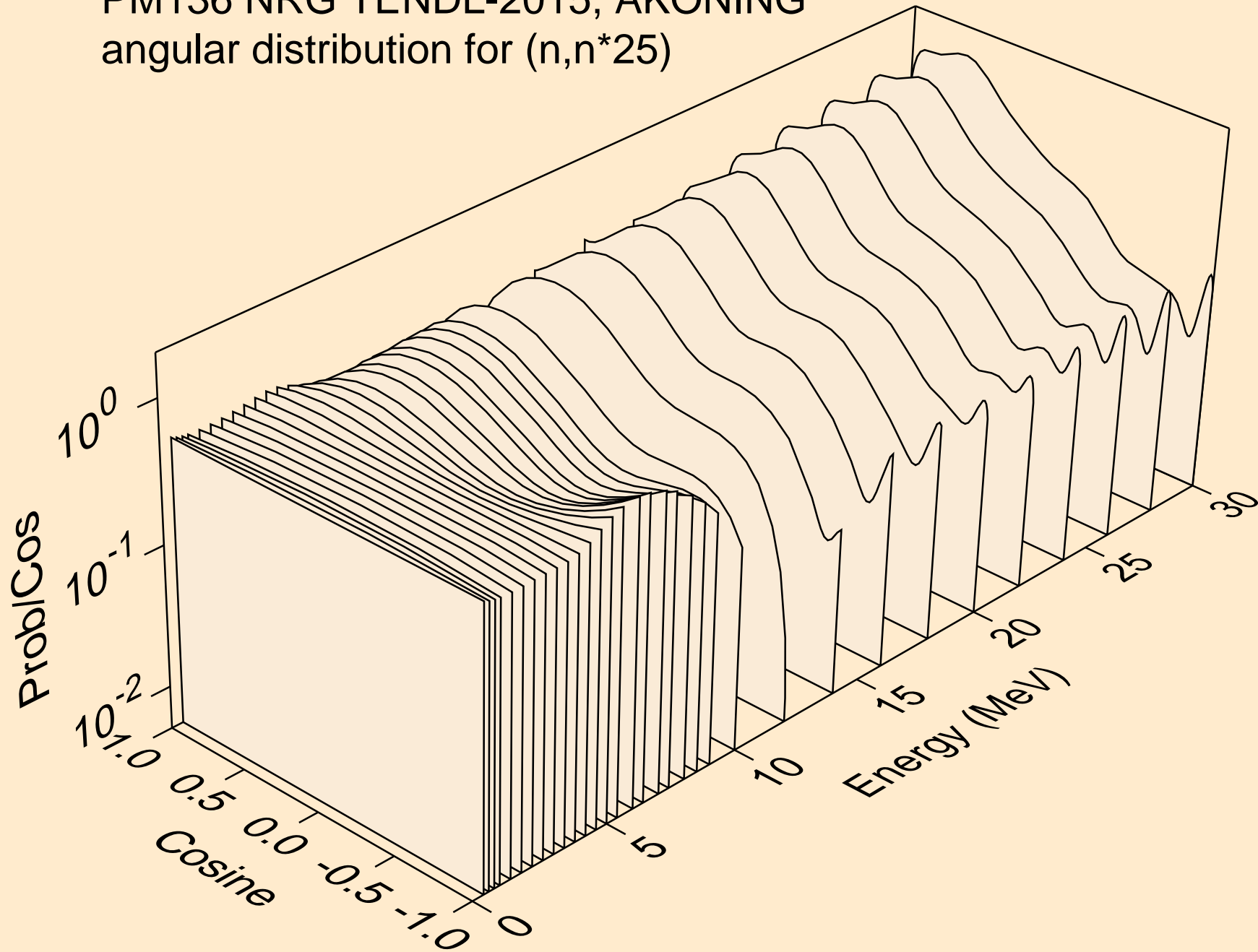
PM136 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



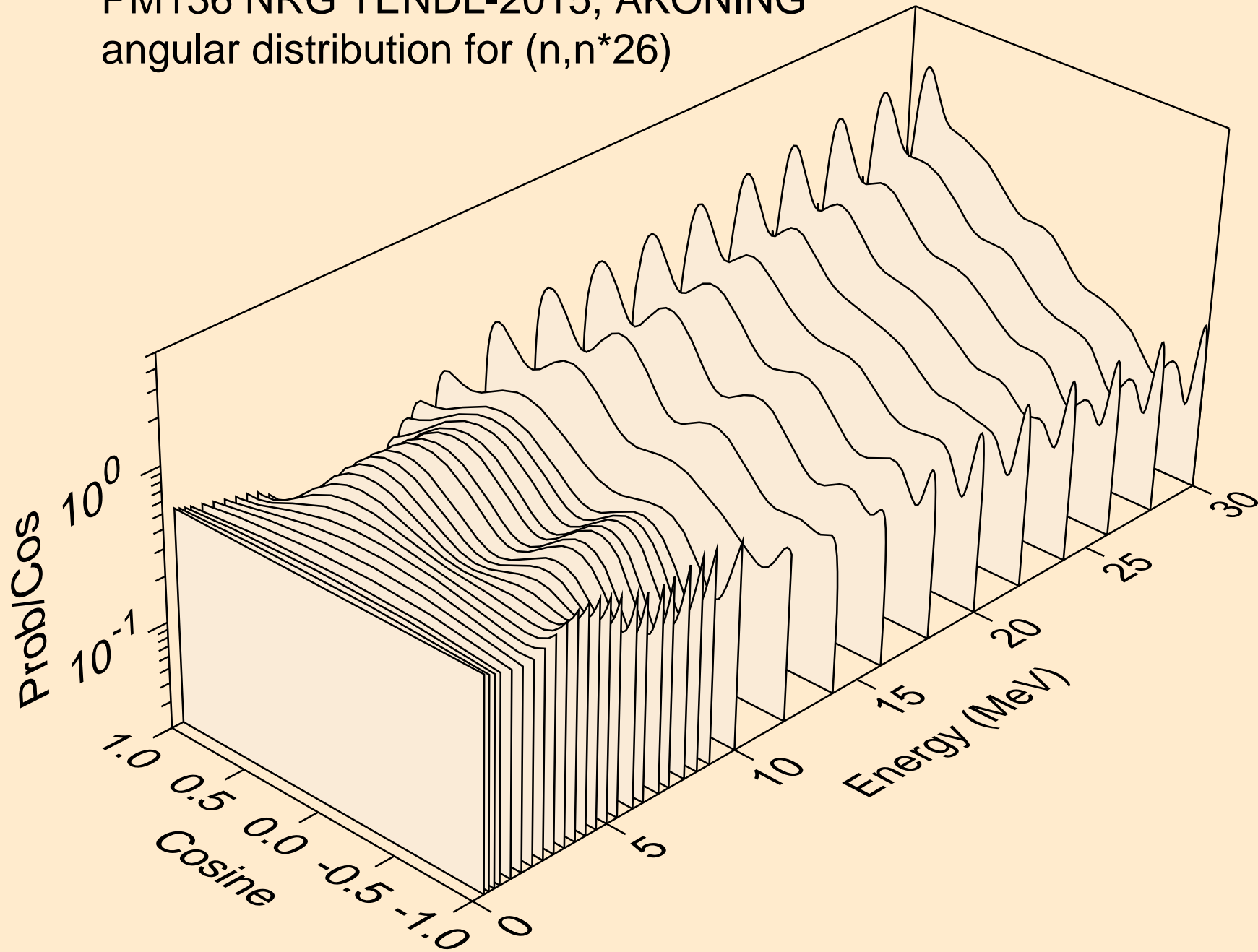
PM136 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



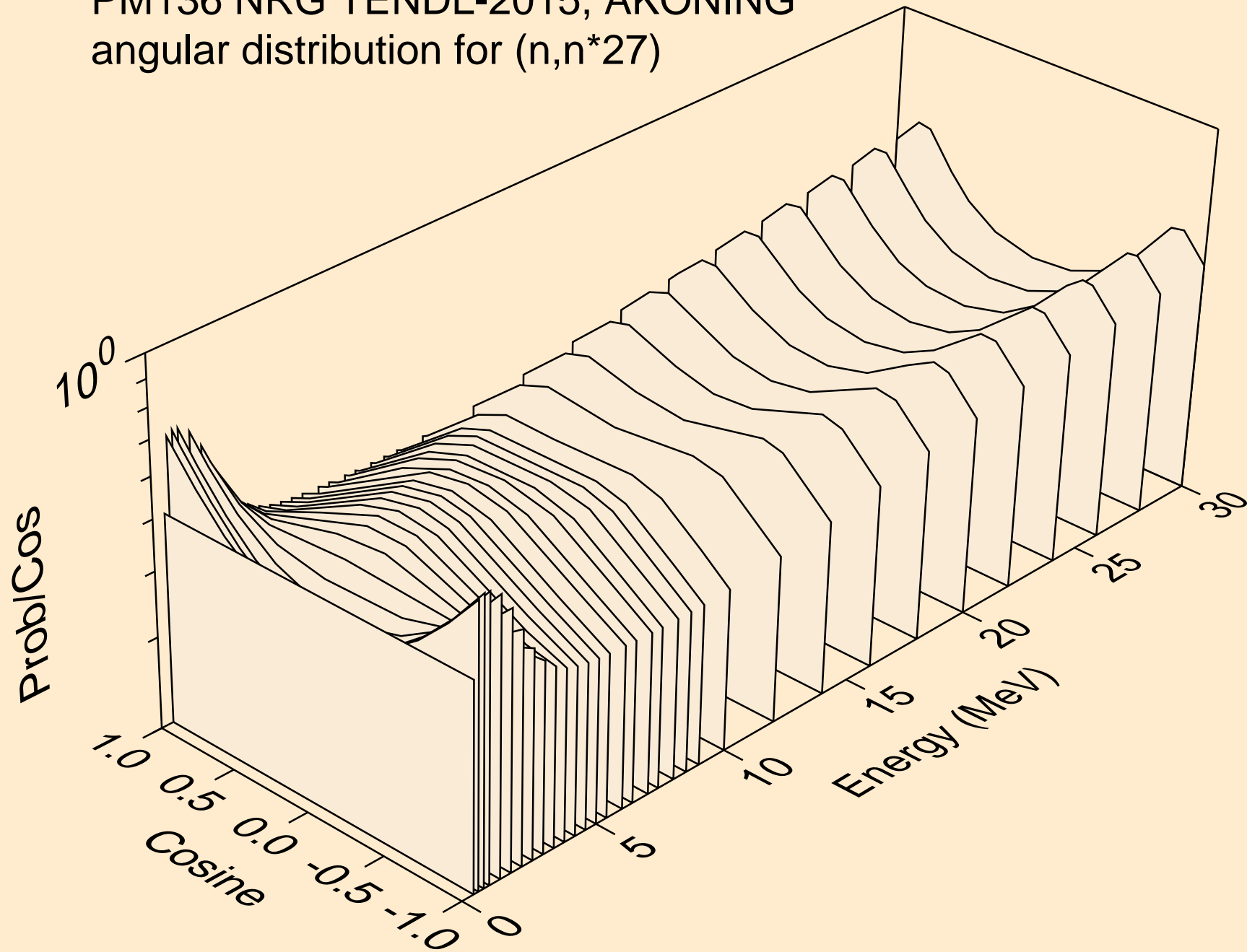
PM136 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



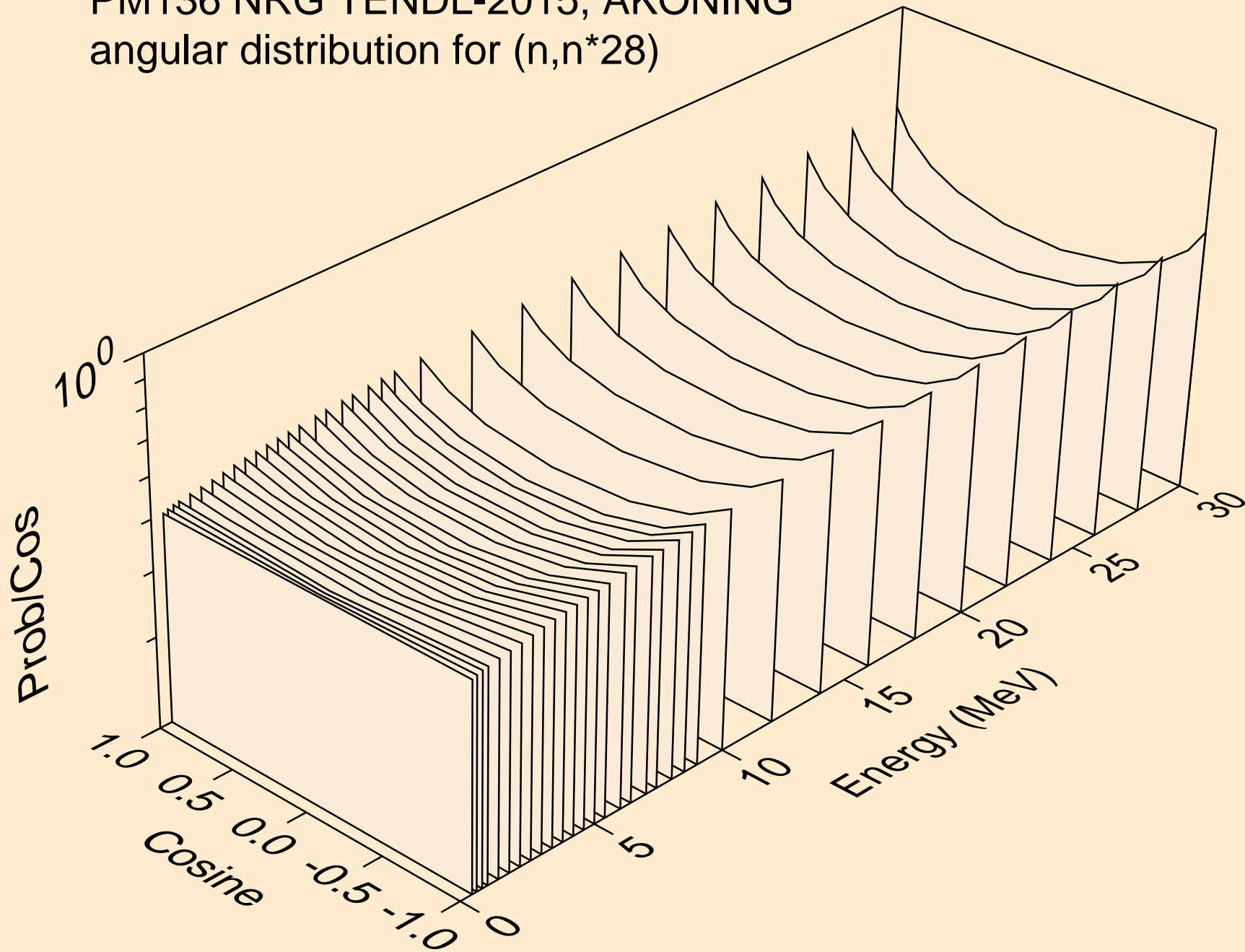
PM136 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



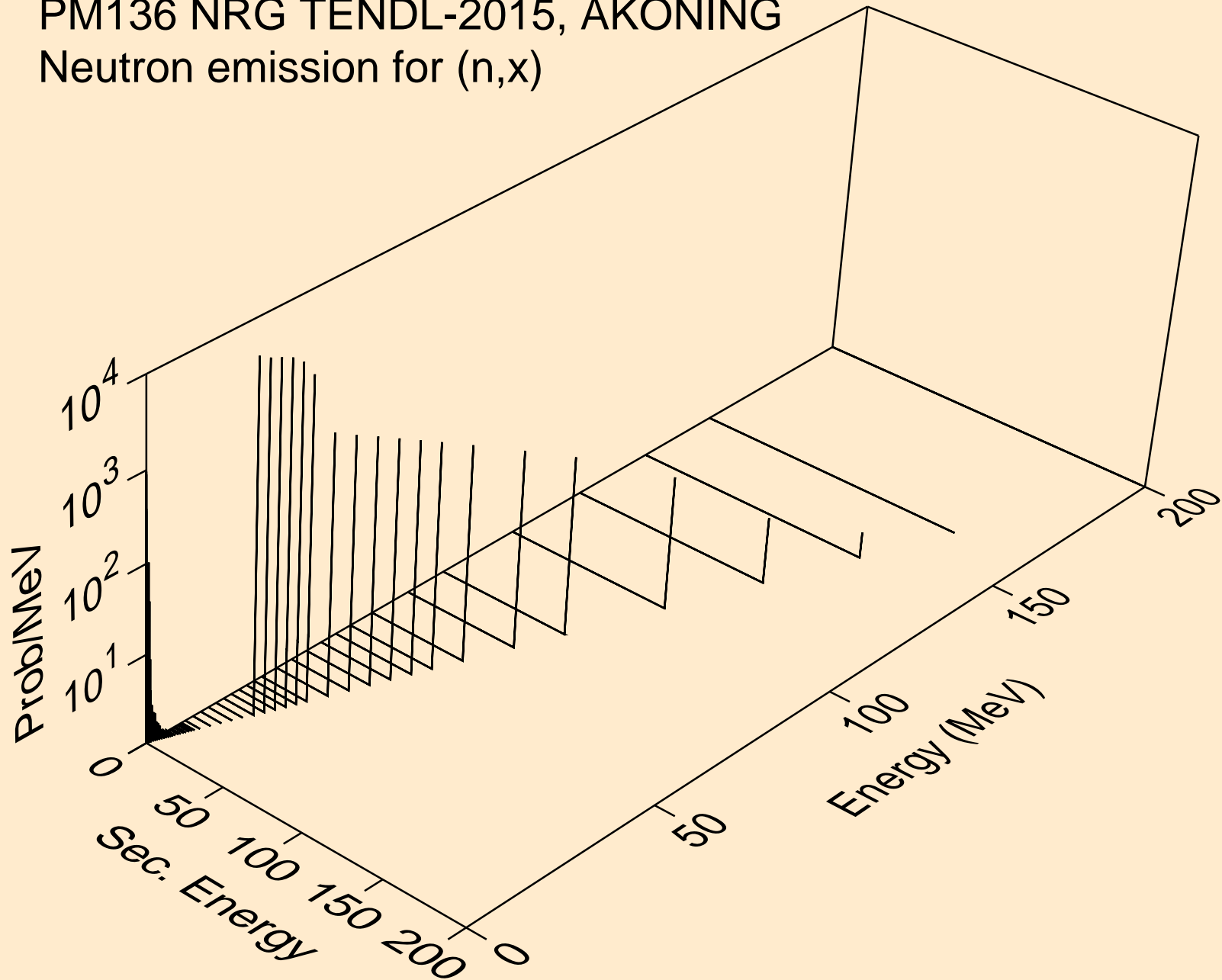
PM136 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



PM136 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)

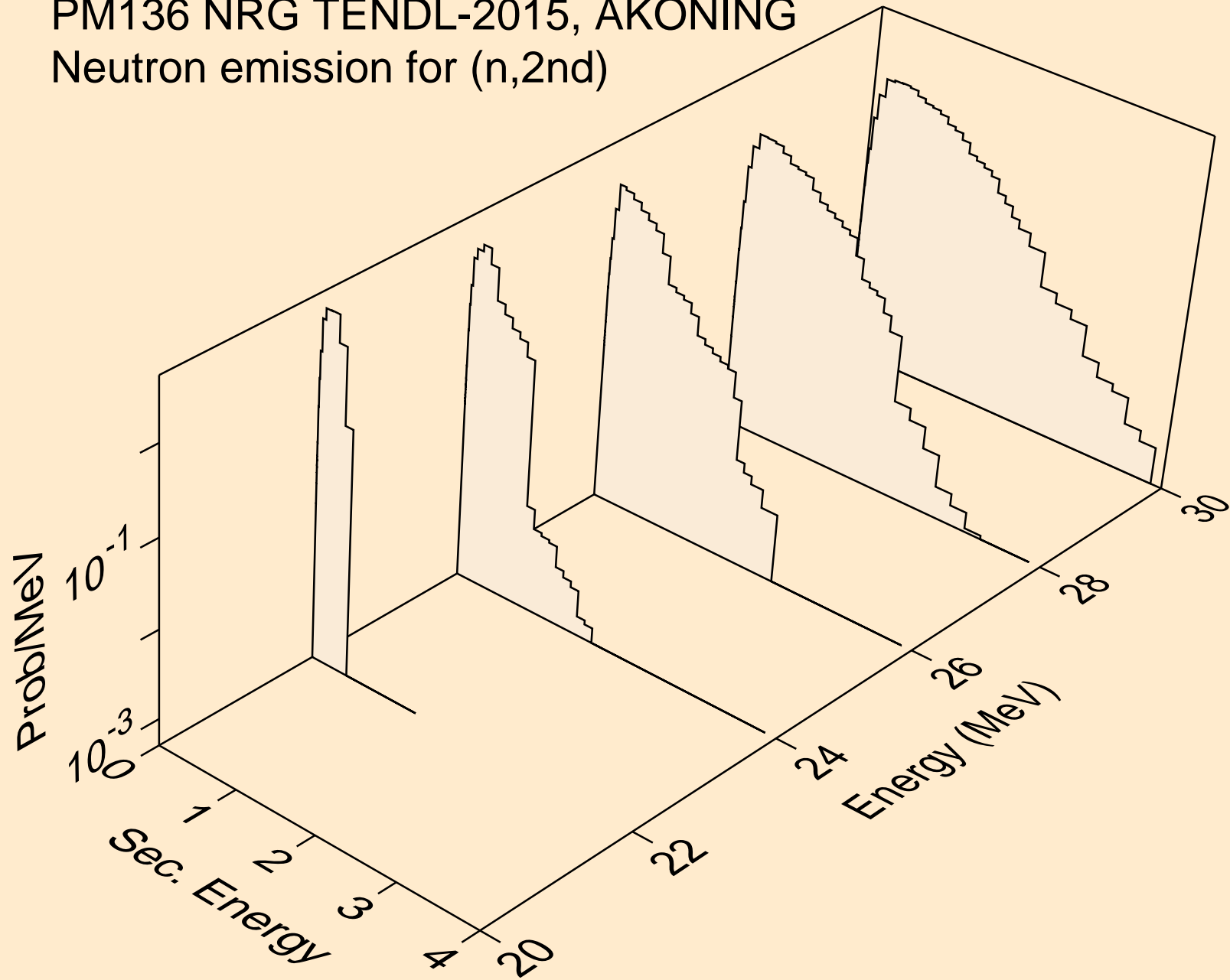


PM136 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

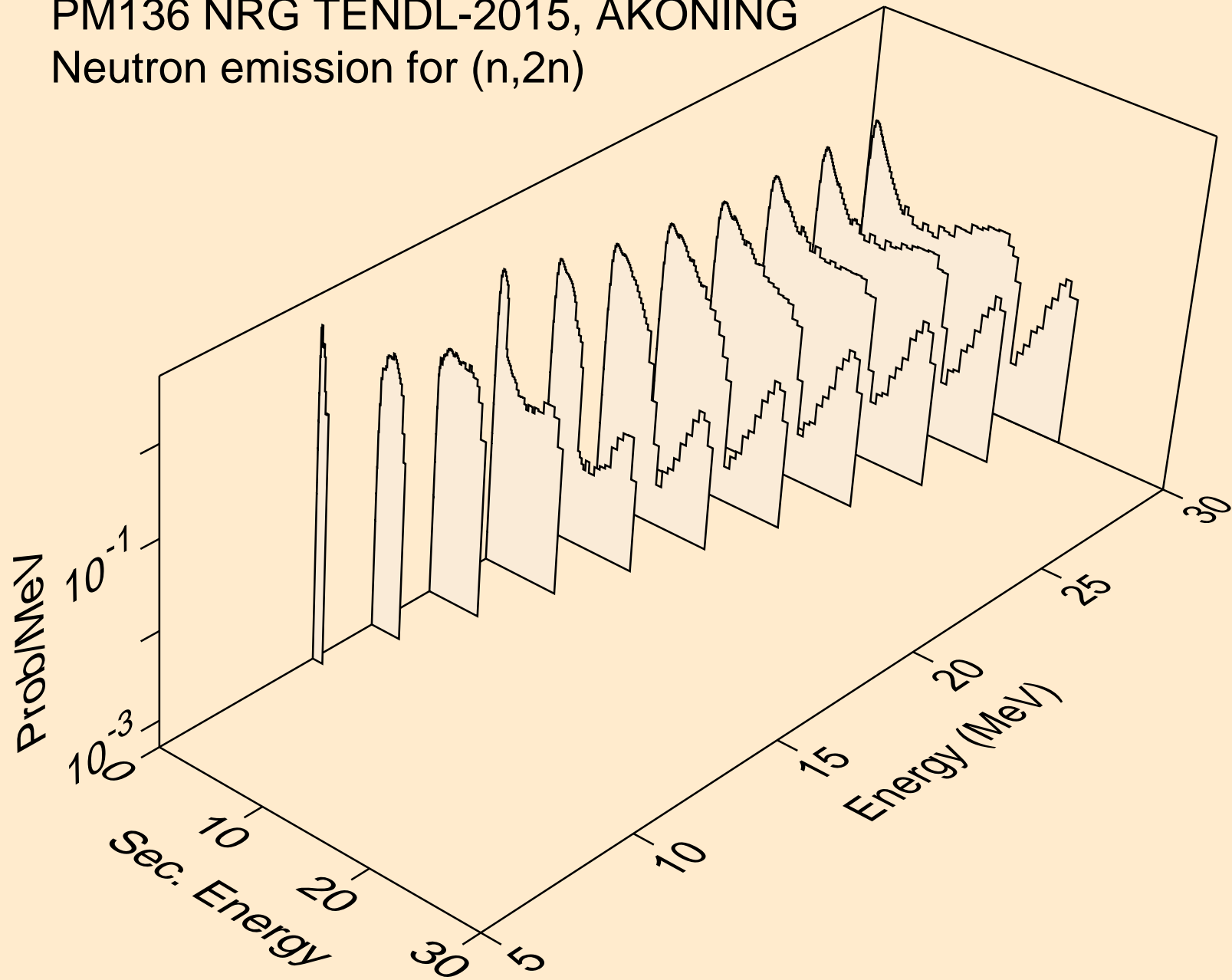




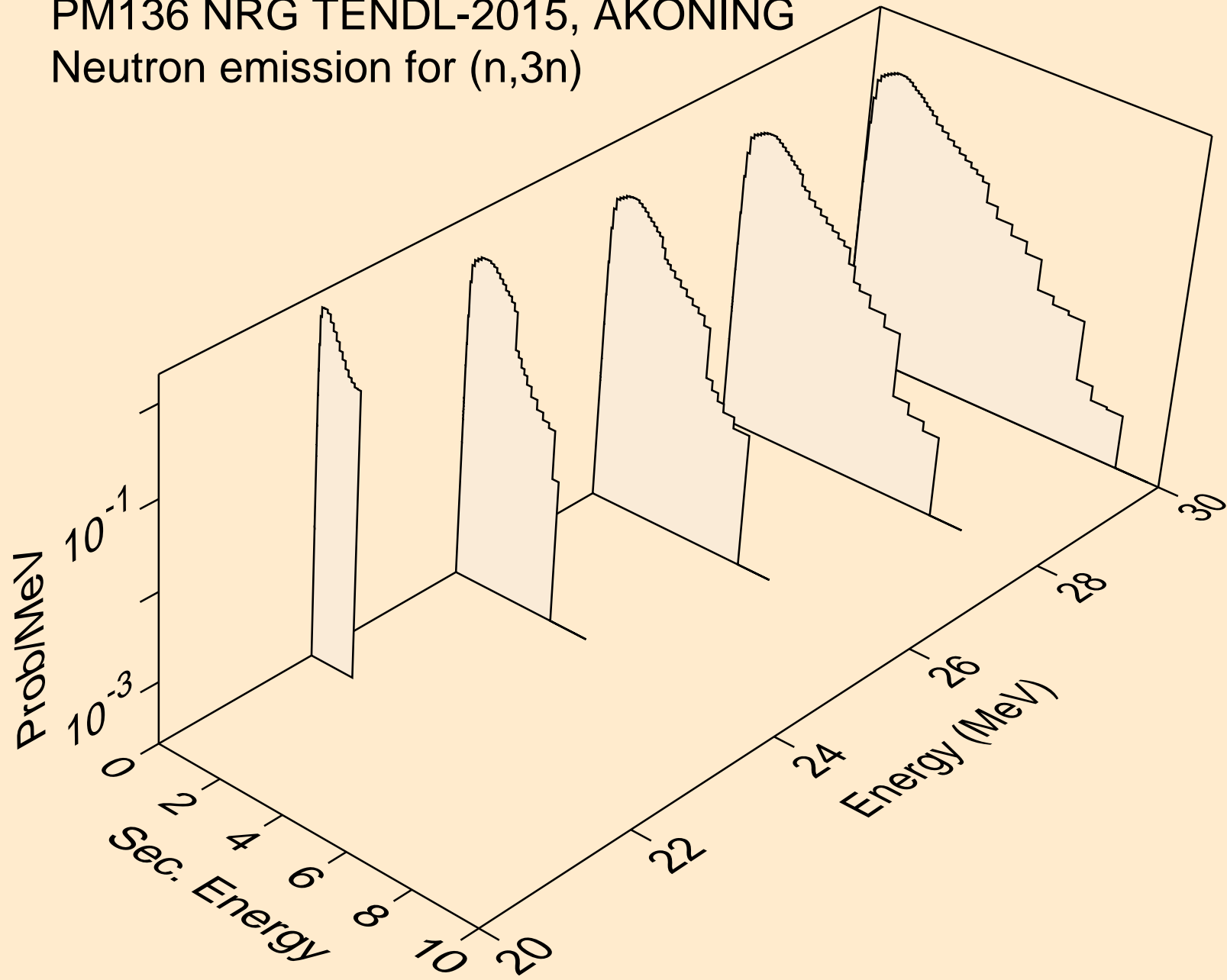
PM136 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



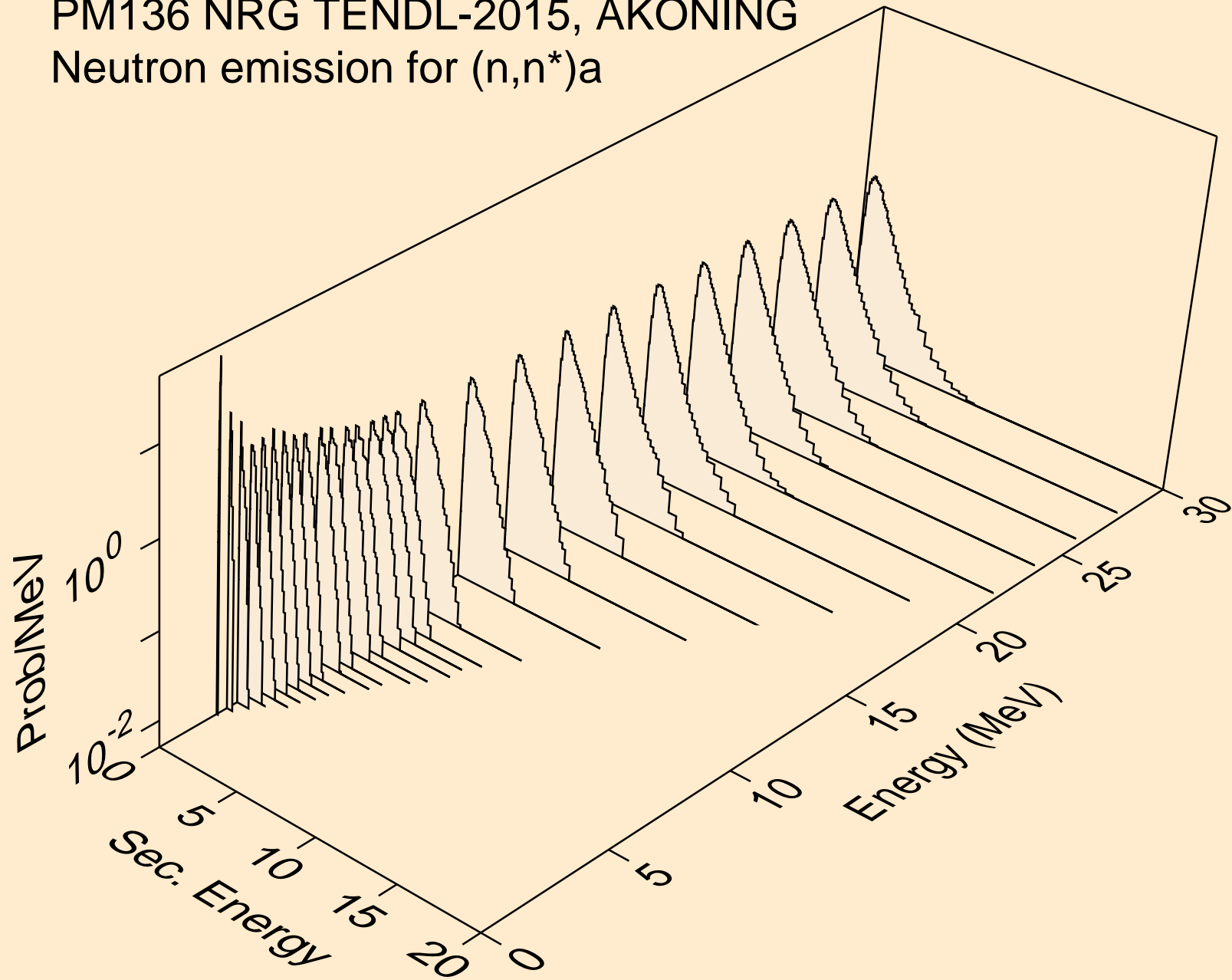
PM136 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



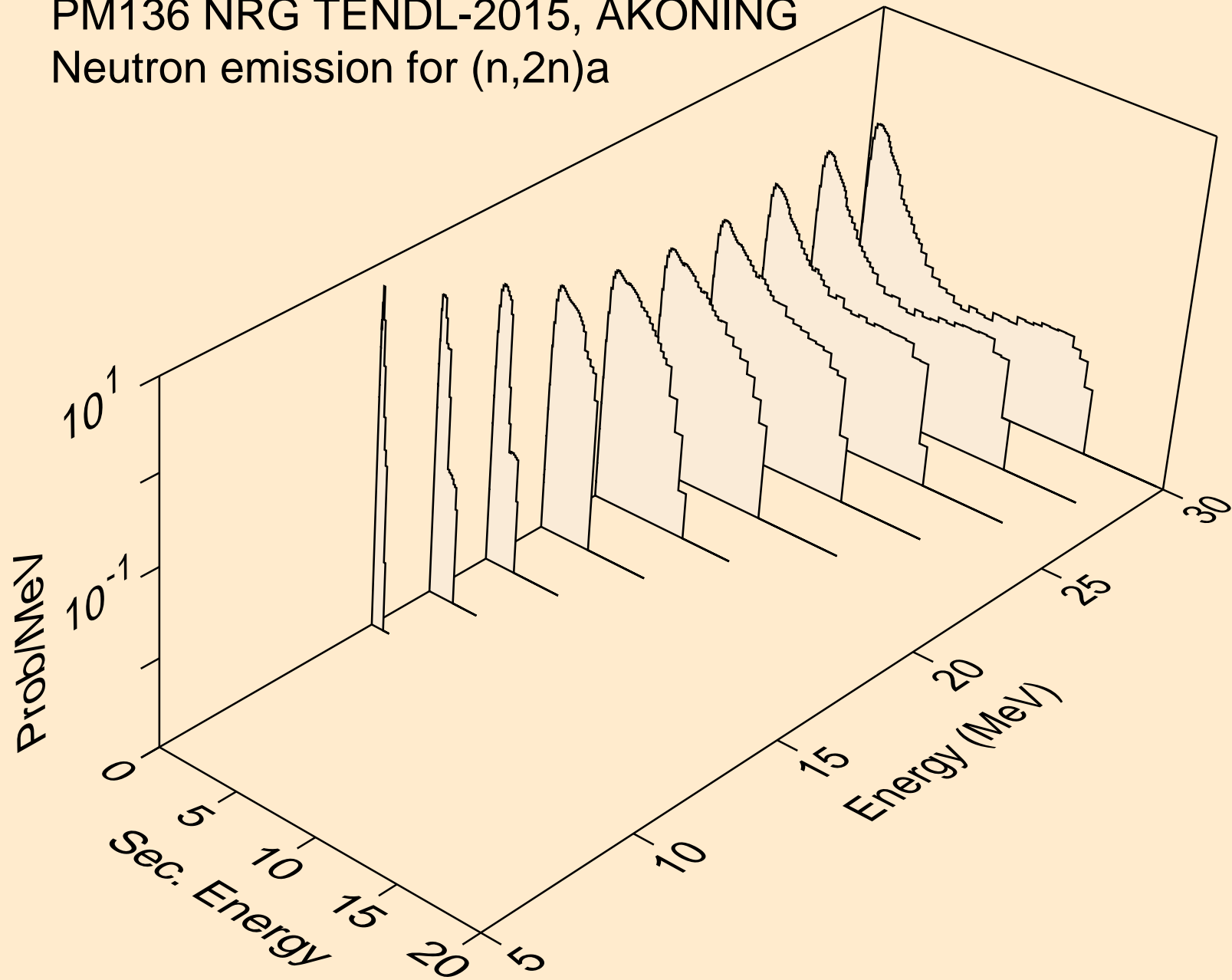
PM136 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



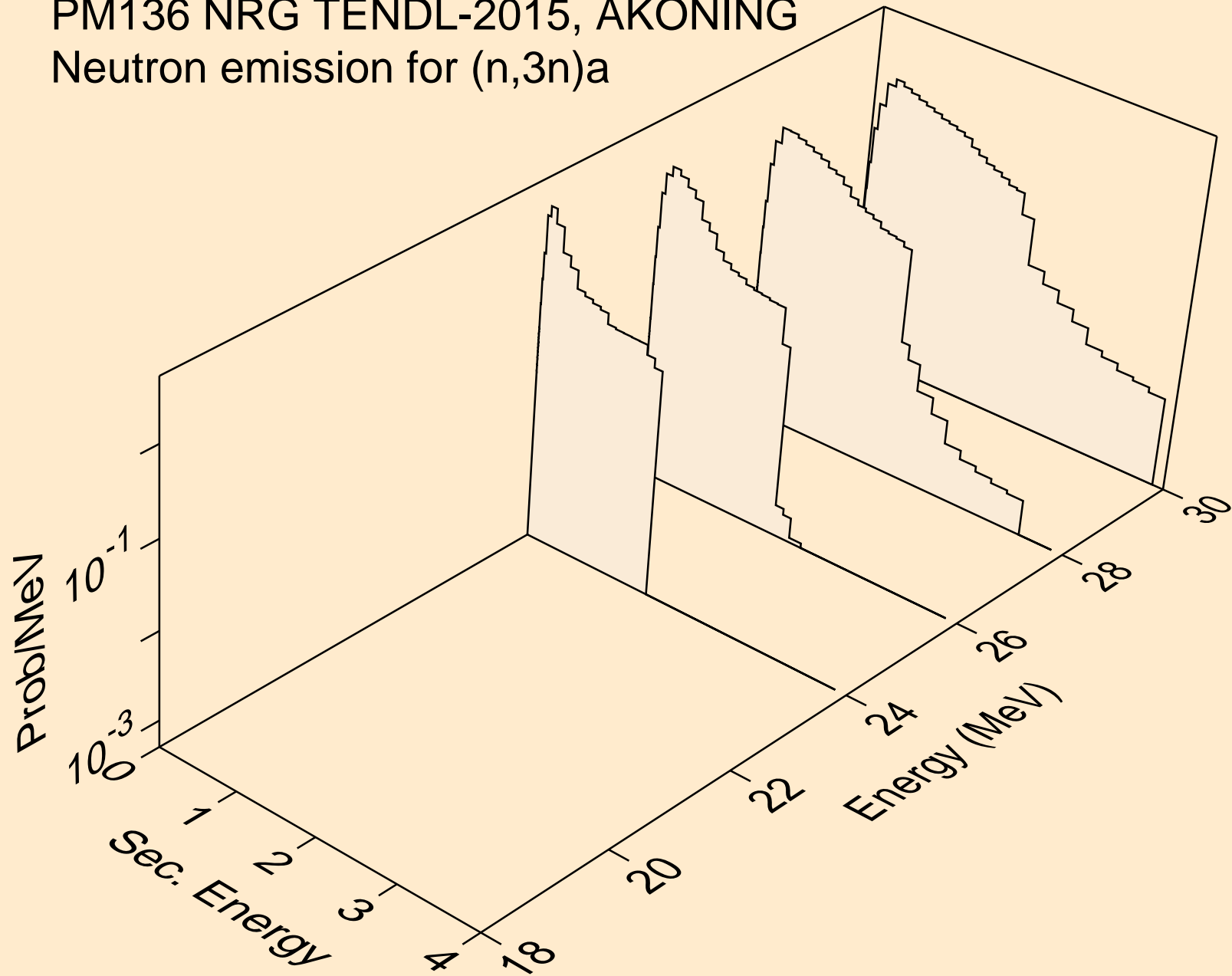
PM136 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



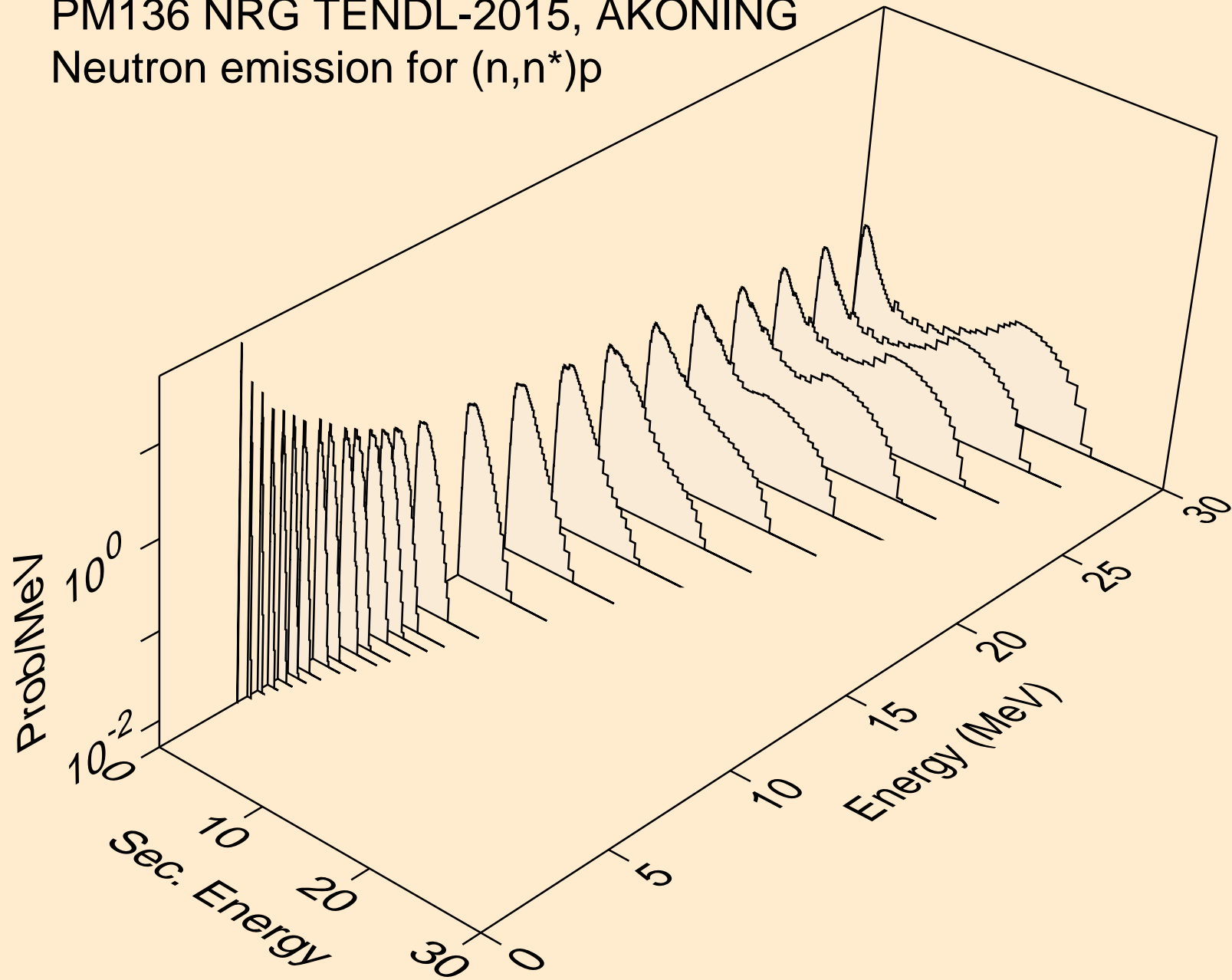
PM136 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



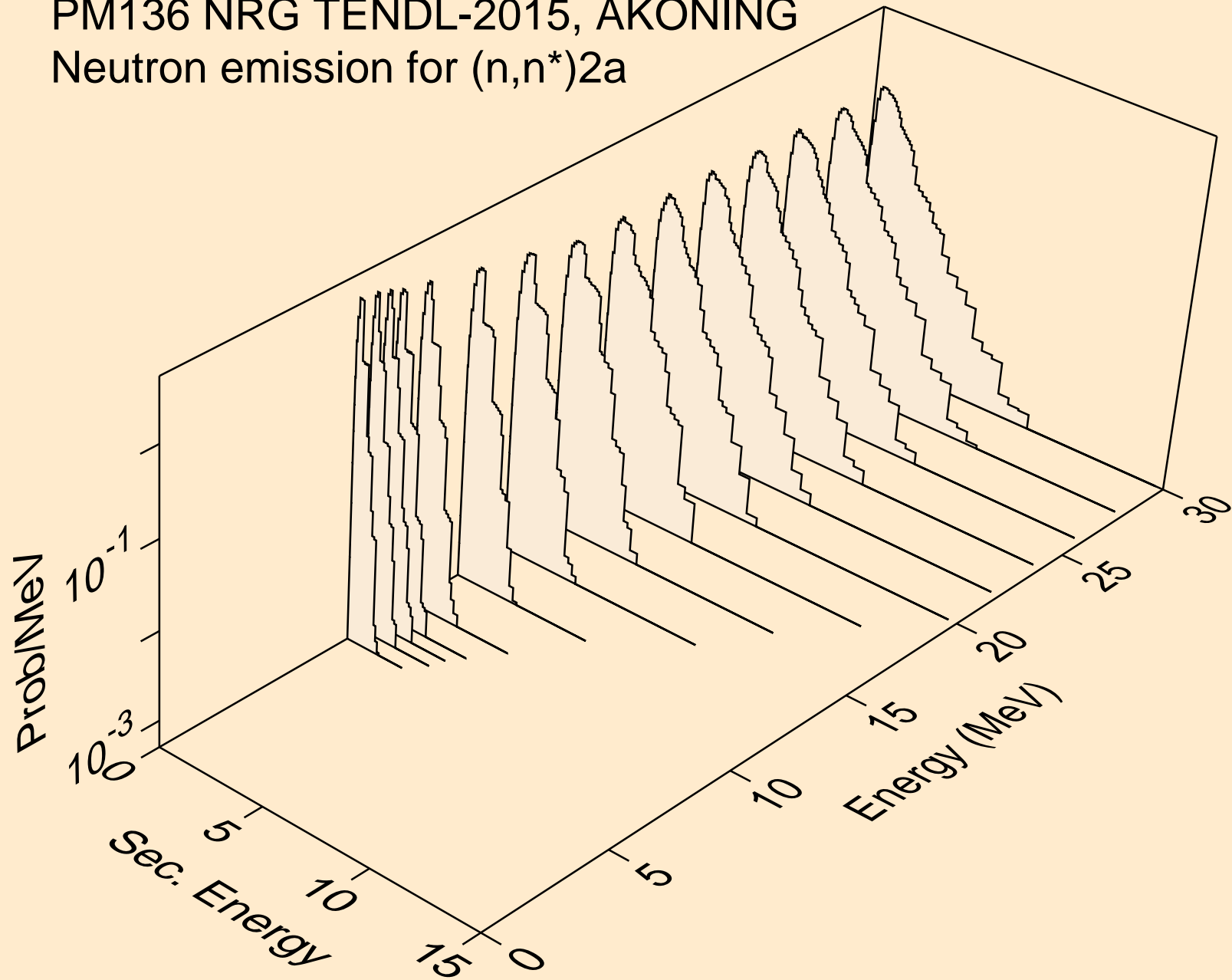
PM136 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



PM136 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

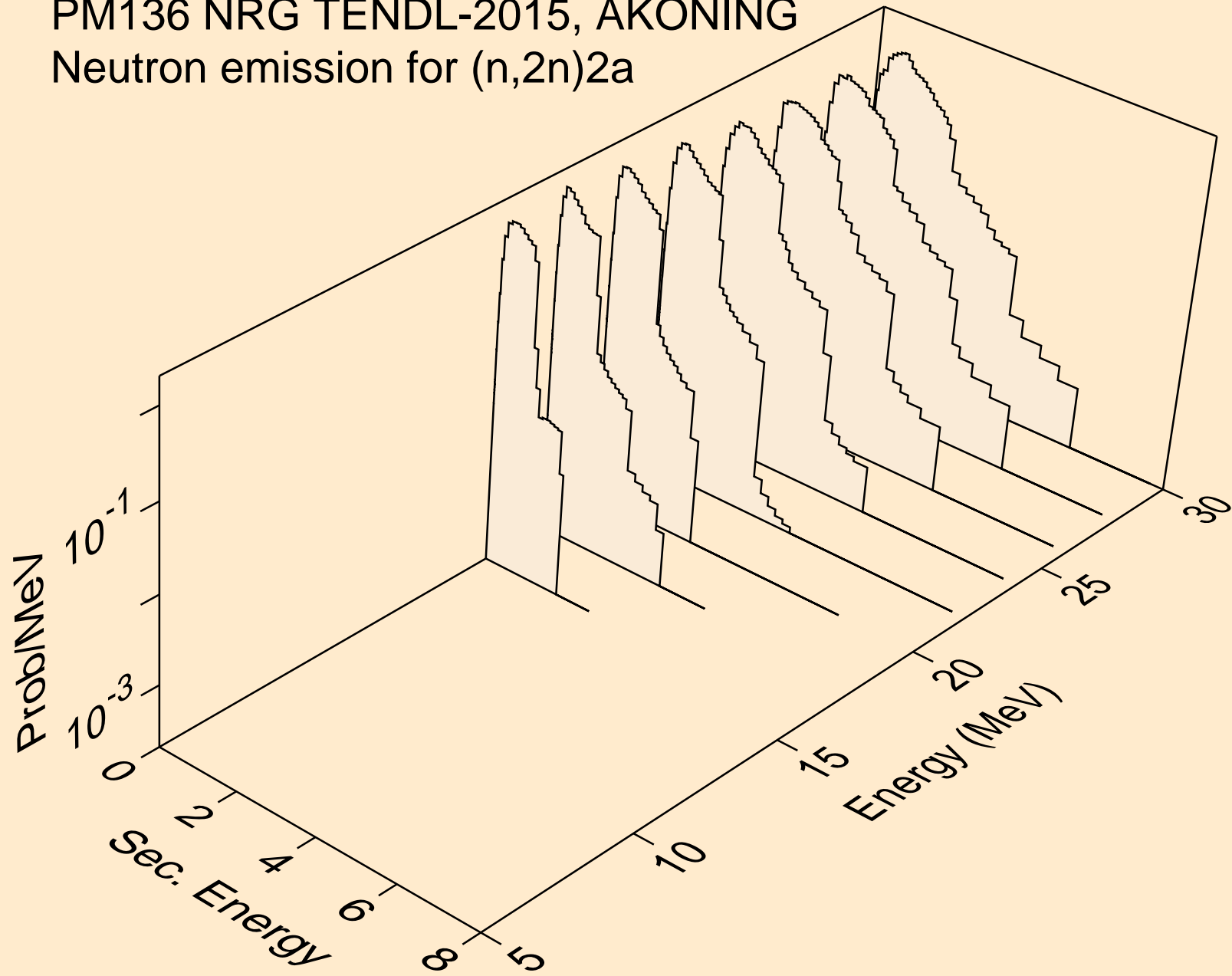


PM136 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

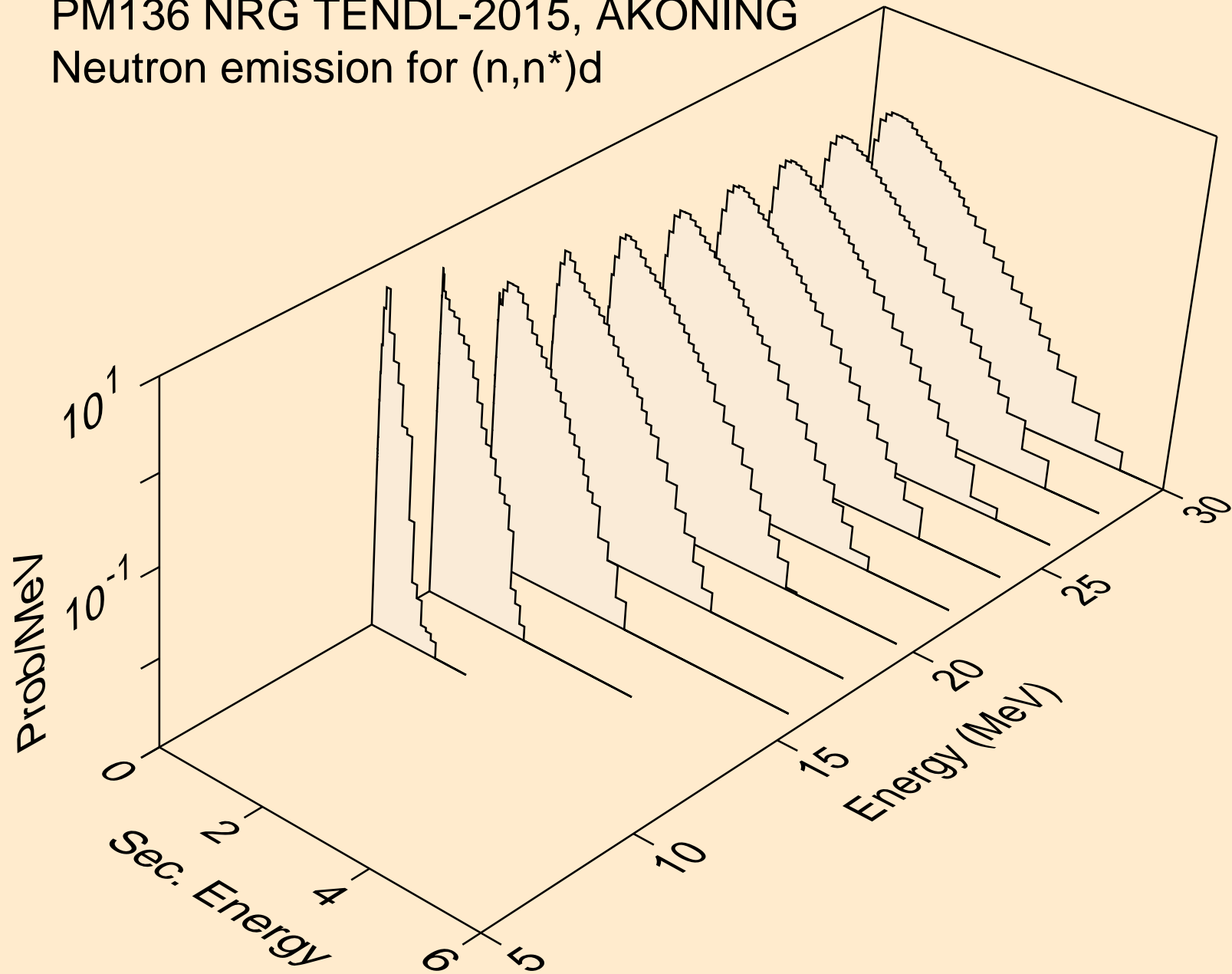




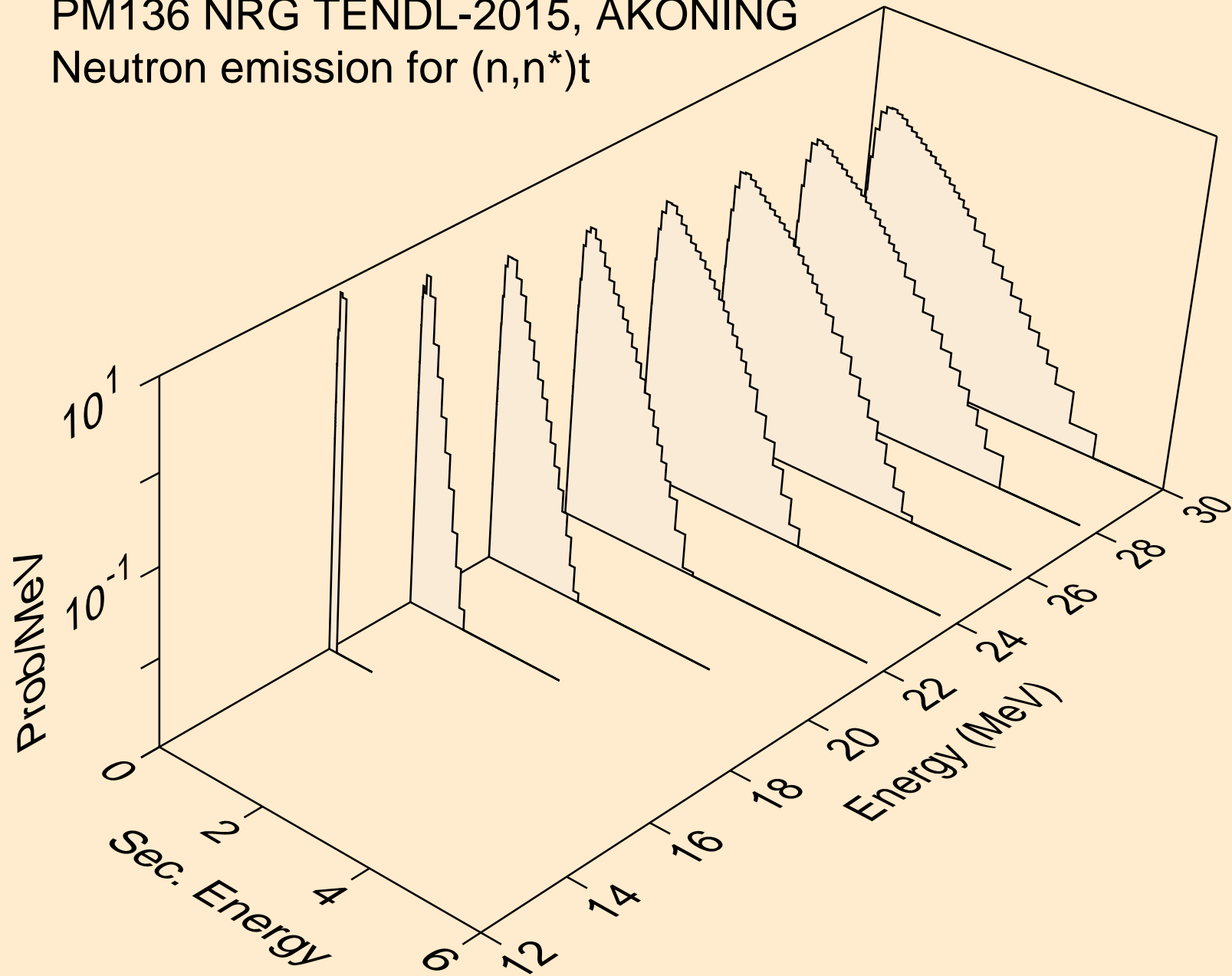
PM136 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



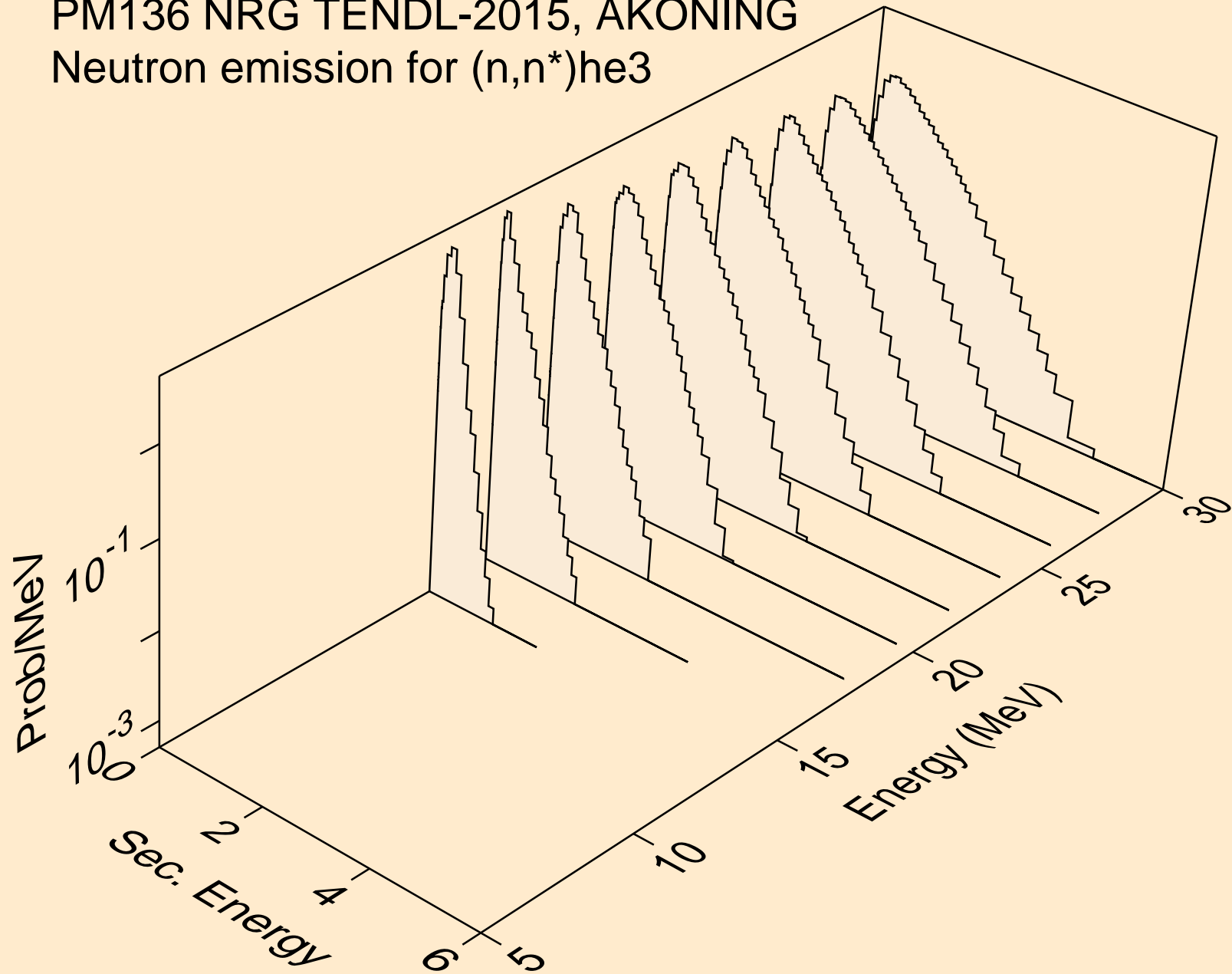
PM136 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



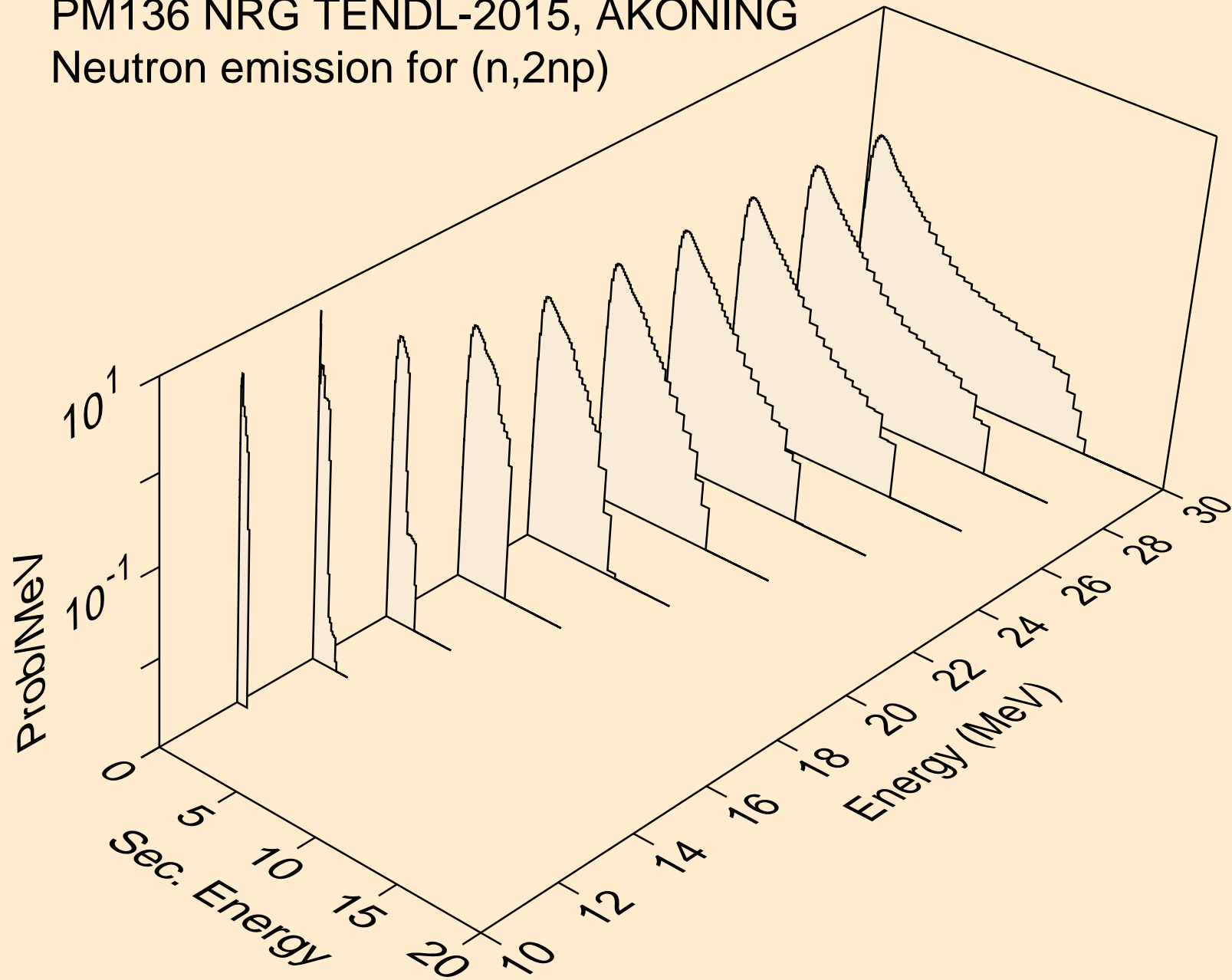
PM136 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



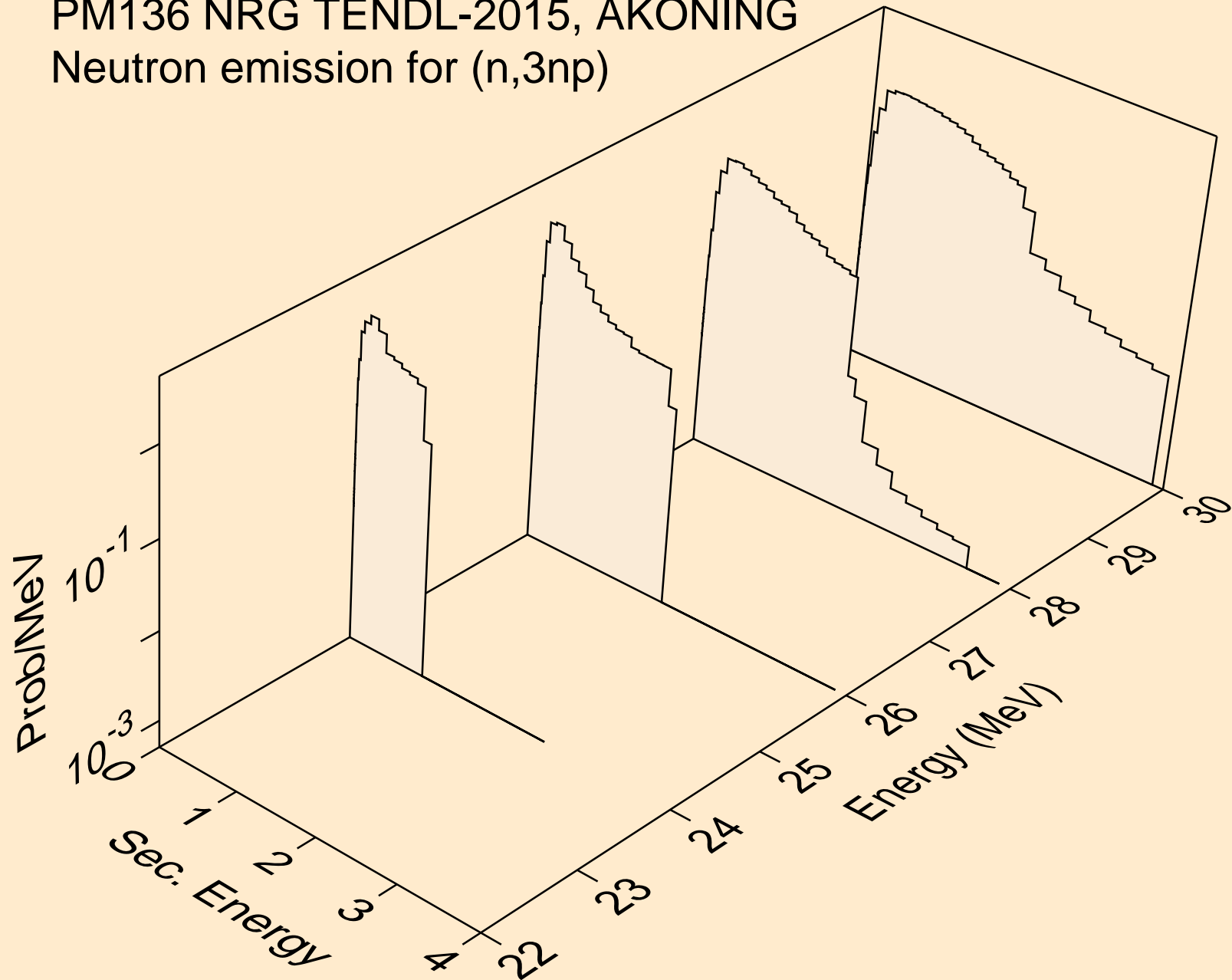
PM136 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



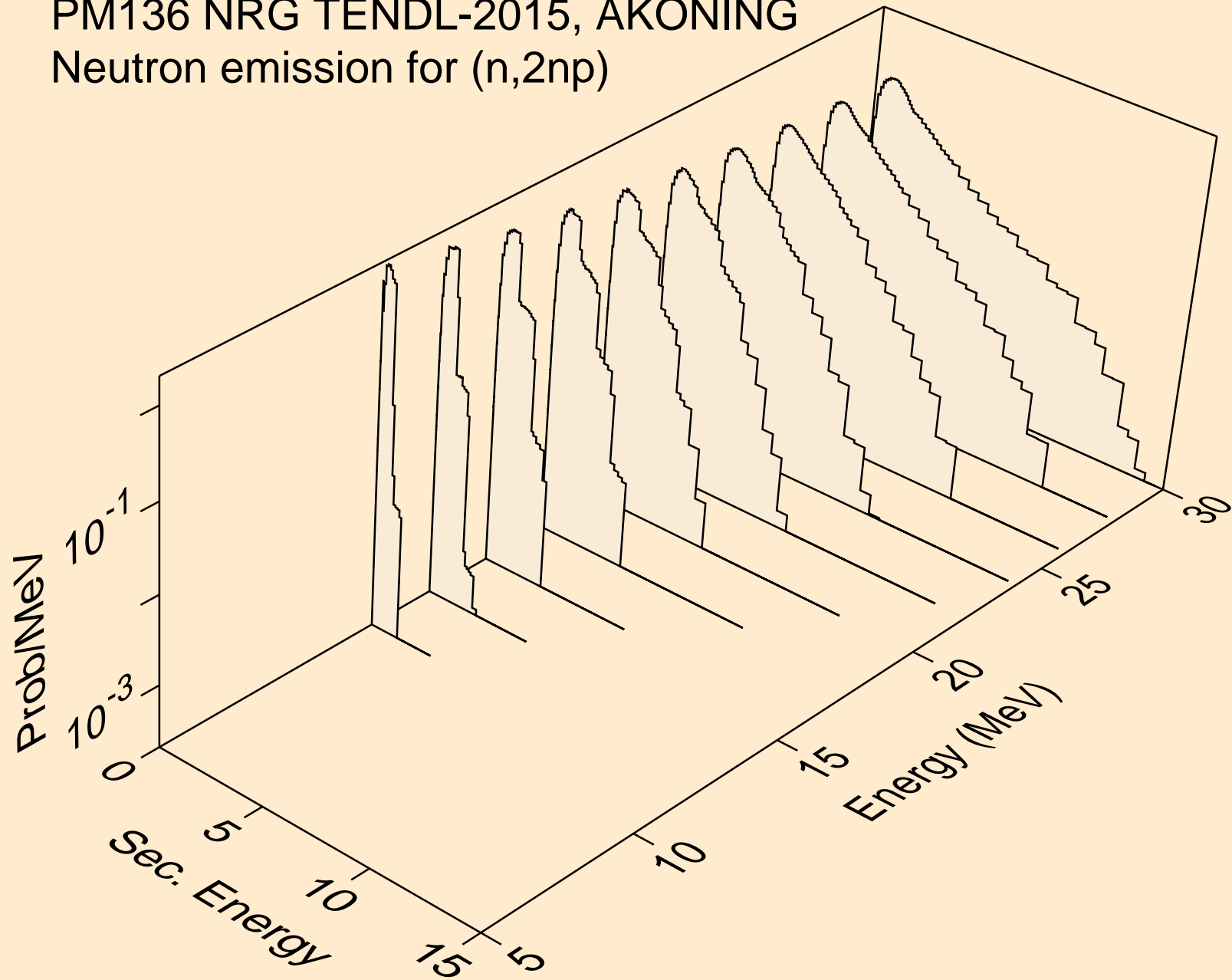
PM136 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



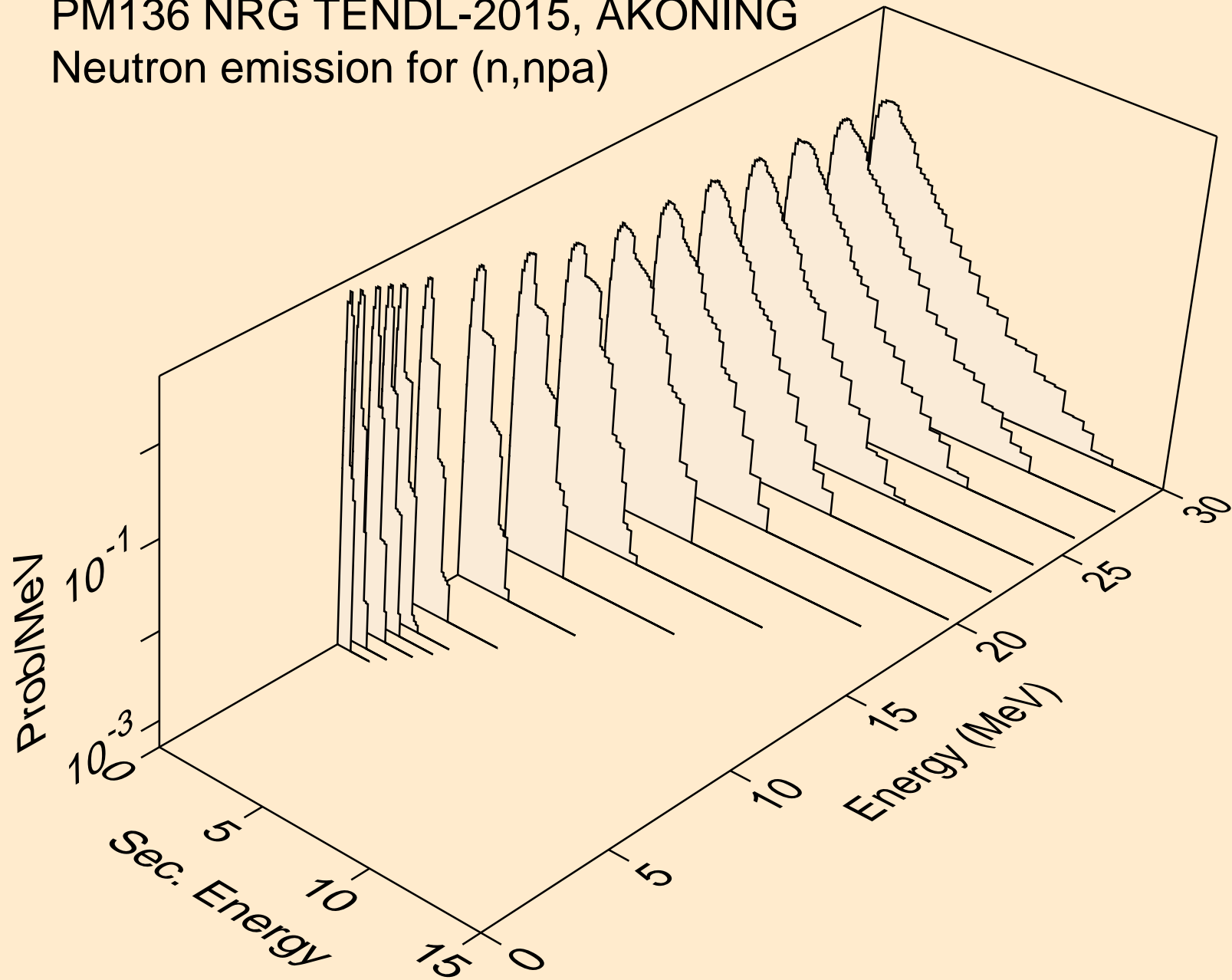
PM136 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



PM136 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

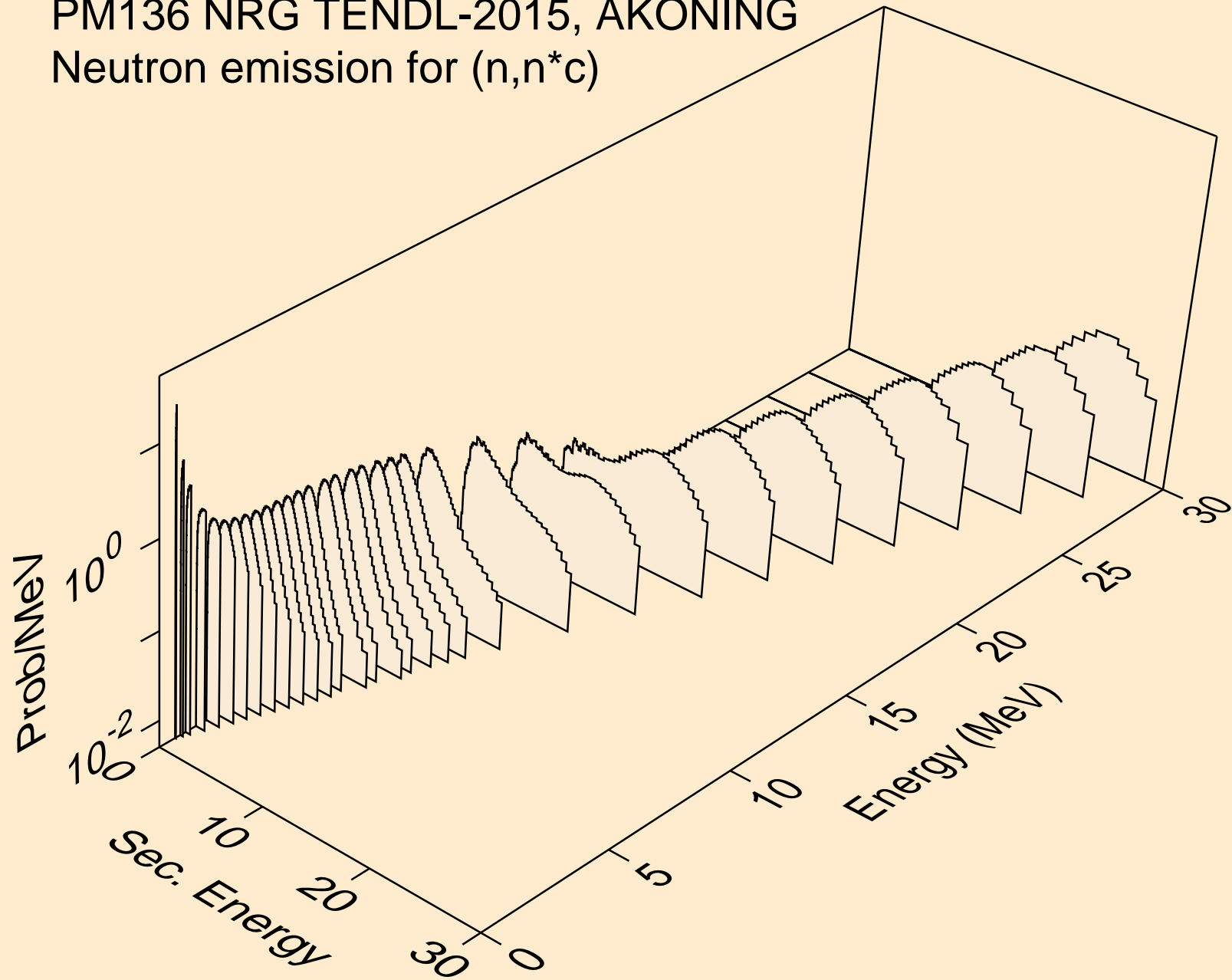


PM136 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

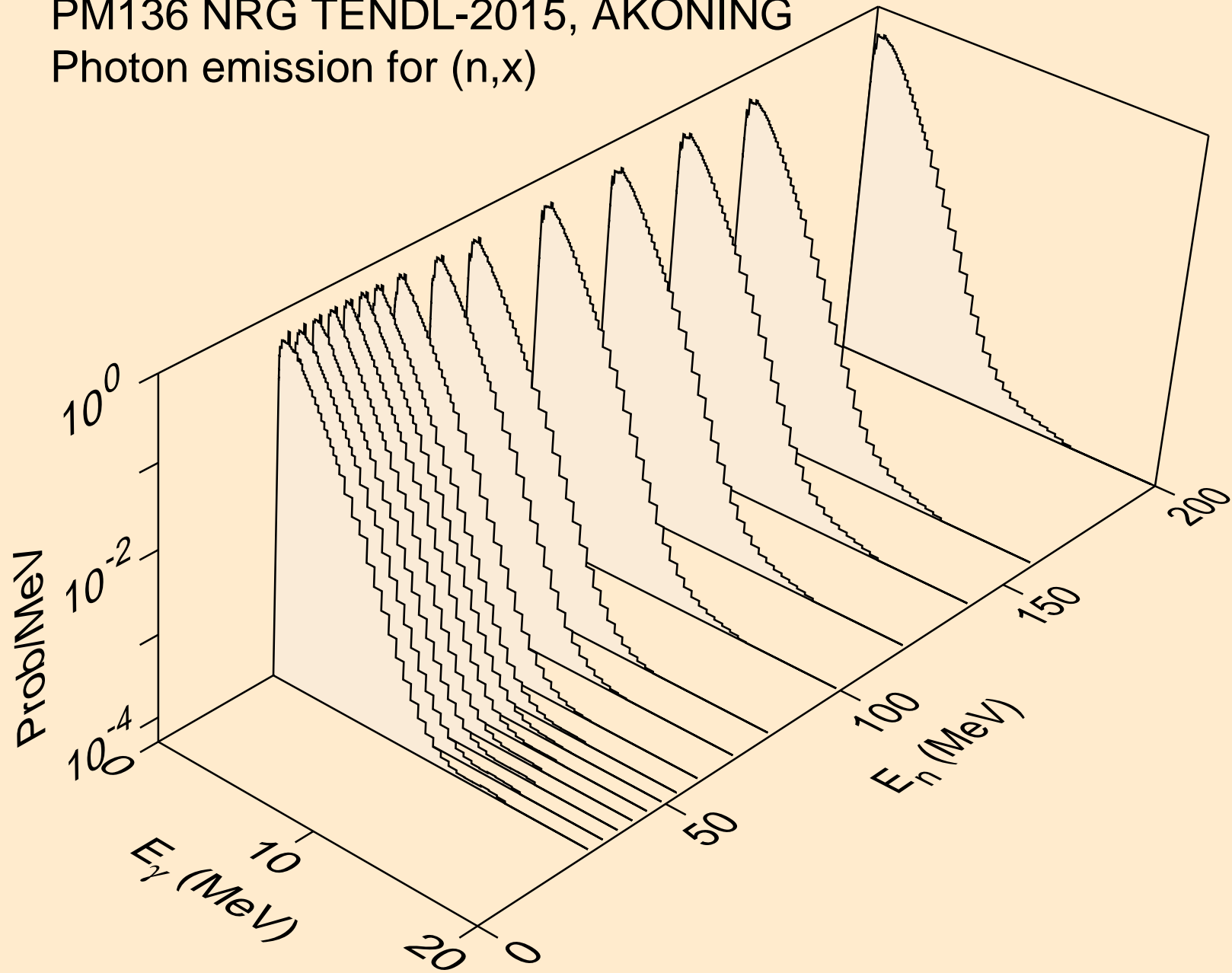




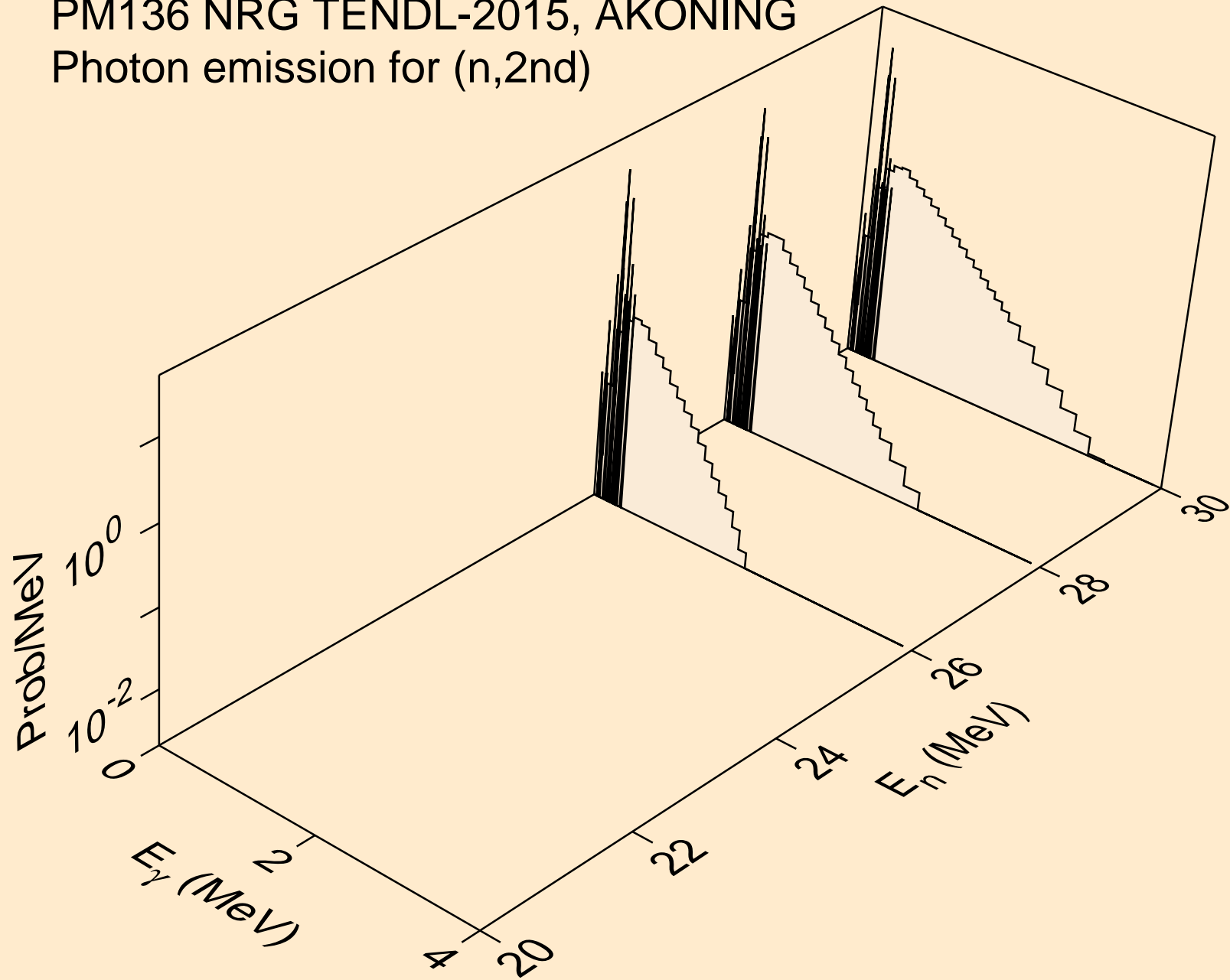
PM136 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



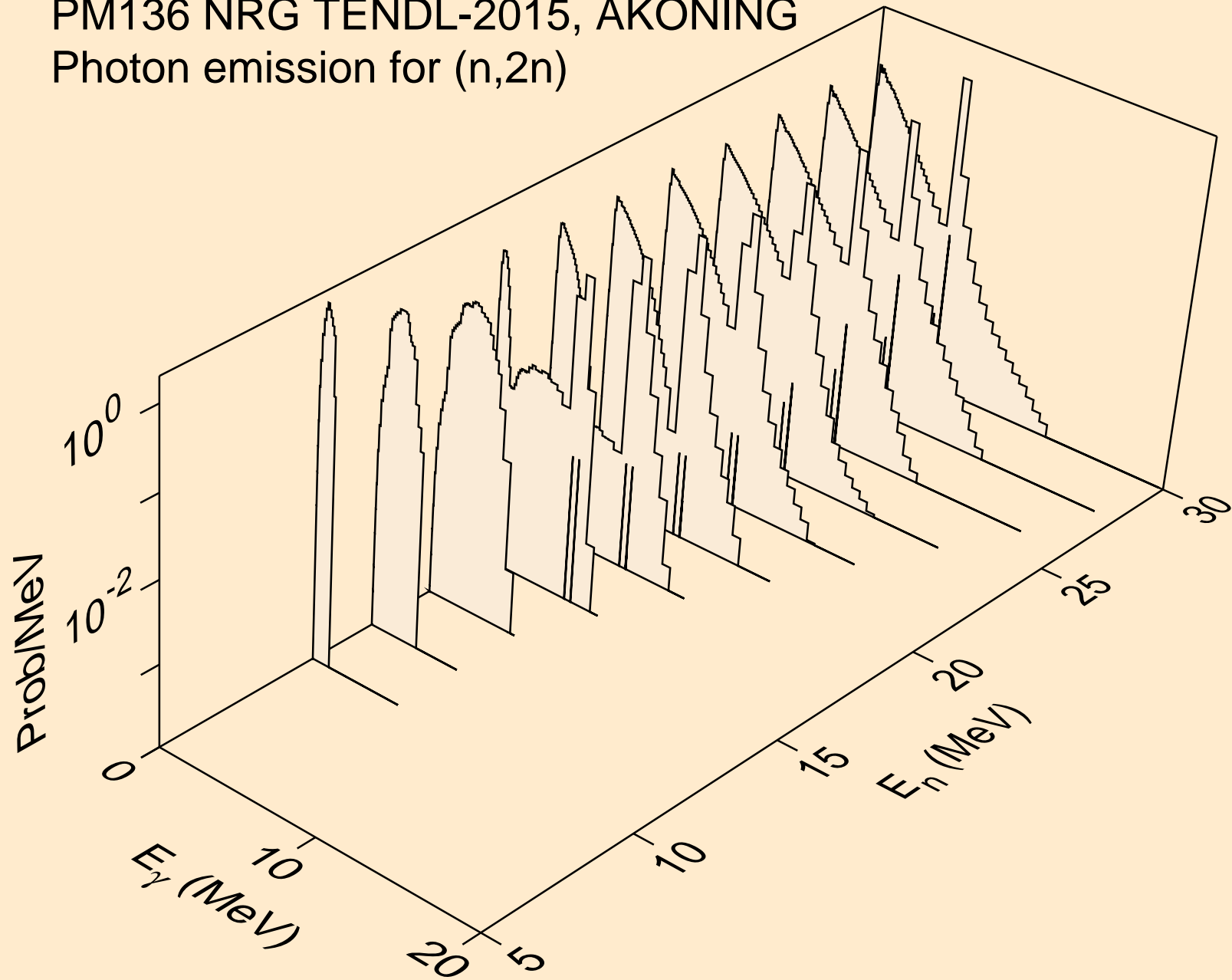
PM136 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



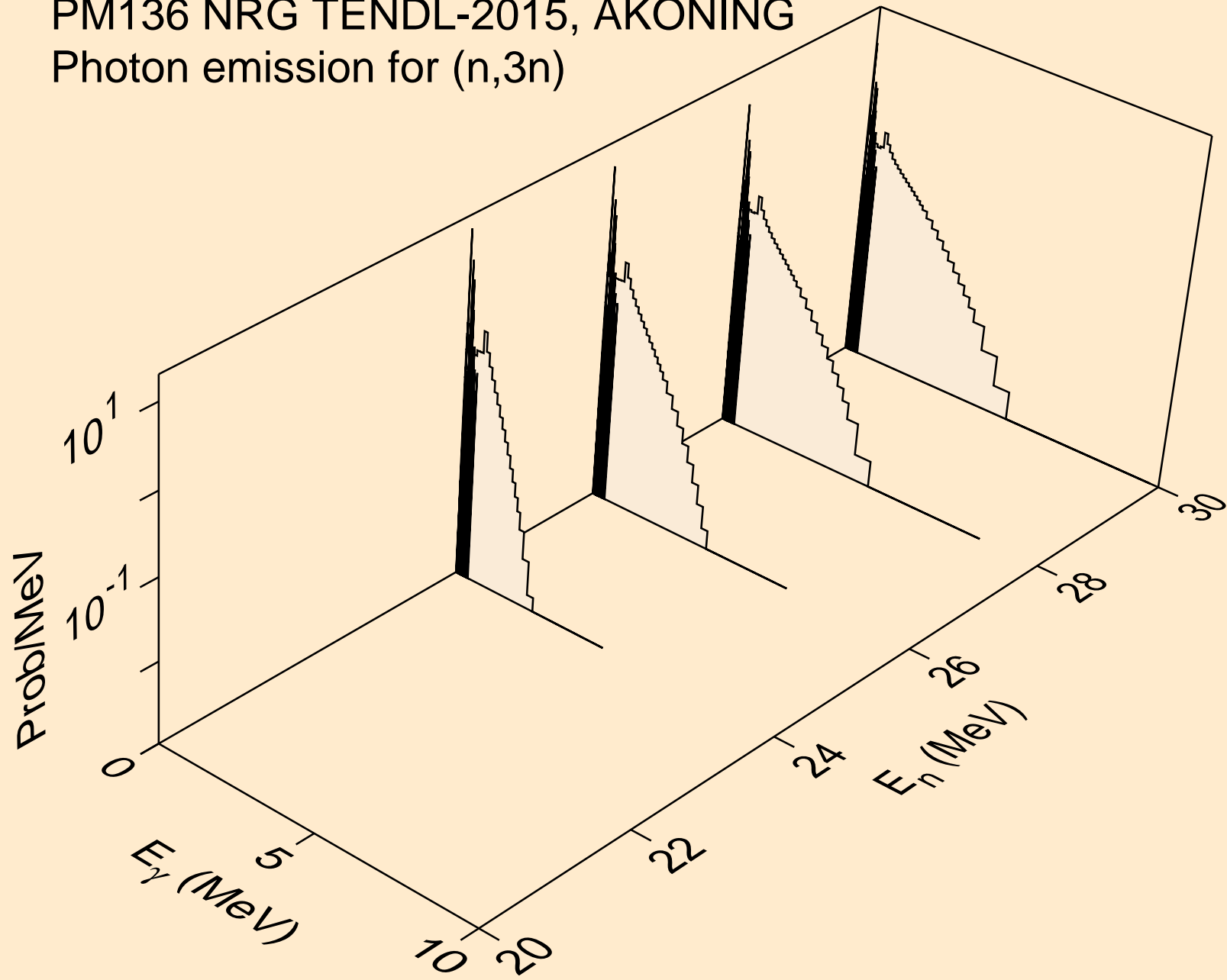
PM136 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



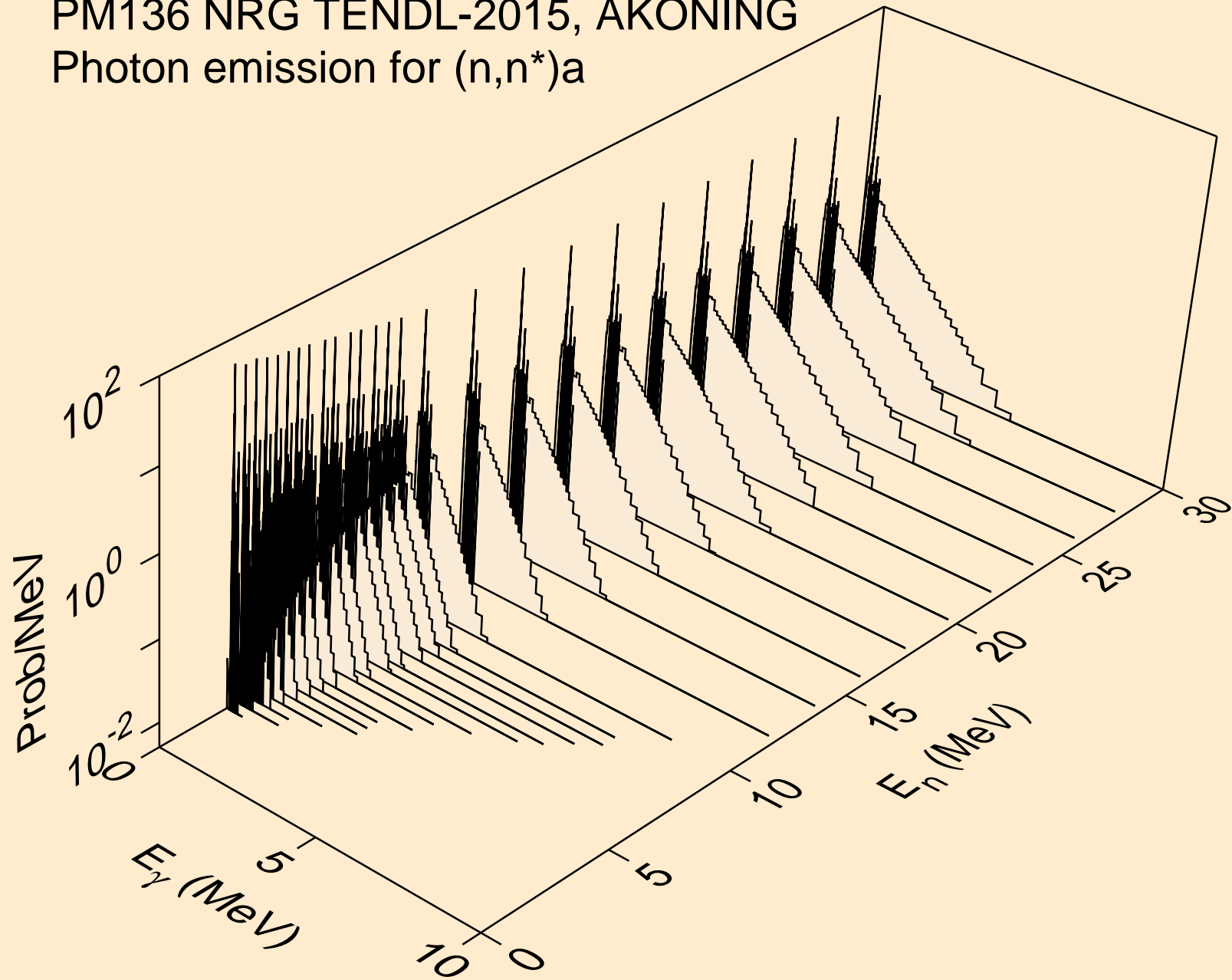
PM136 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



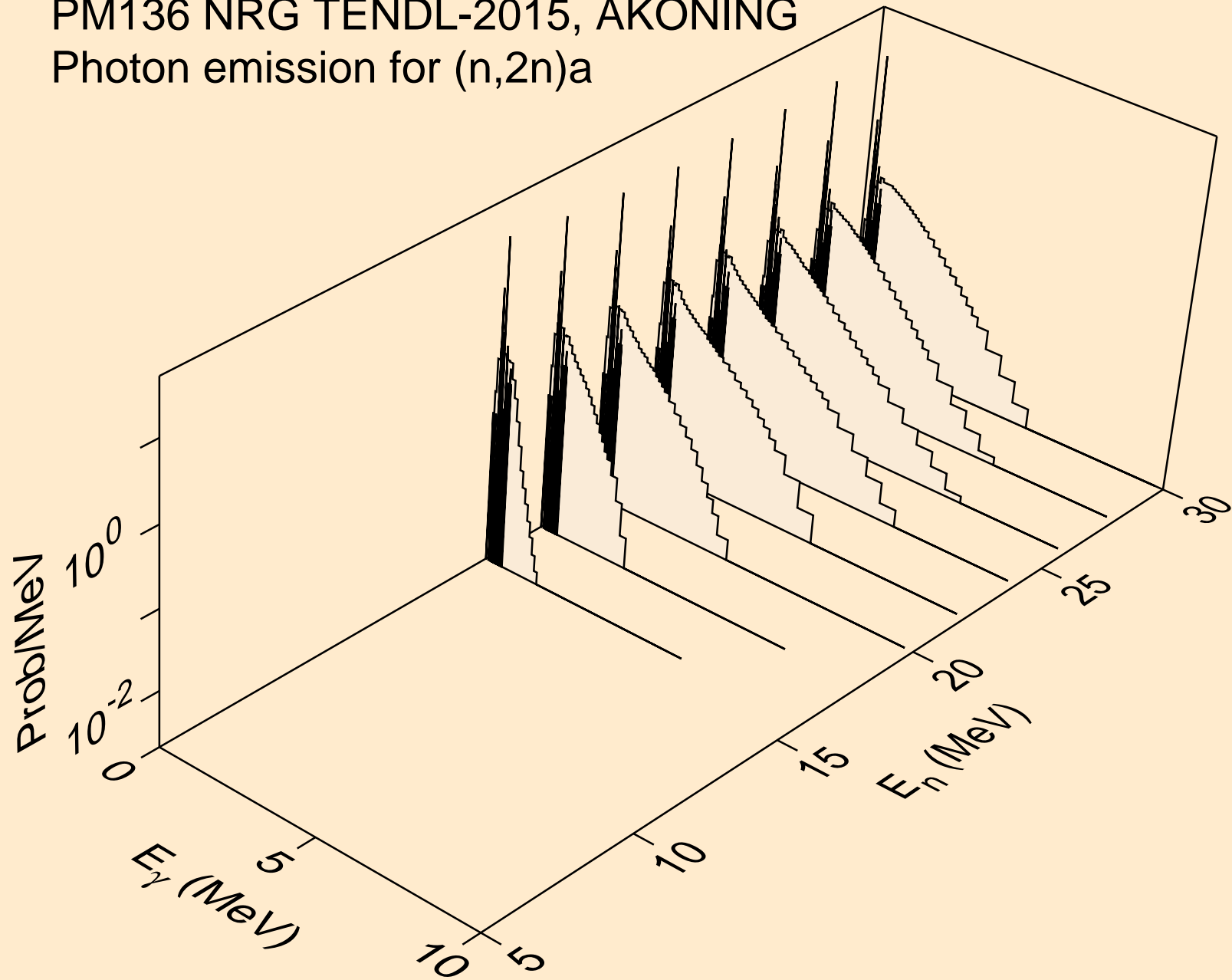
PM136 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



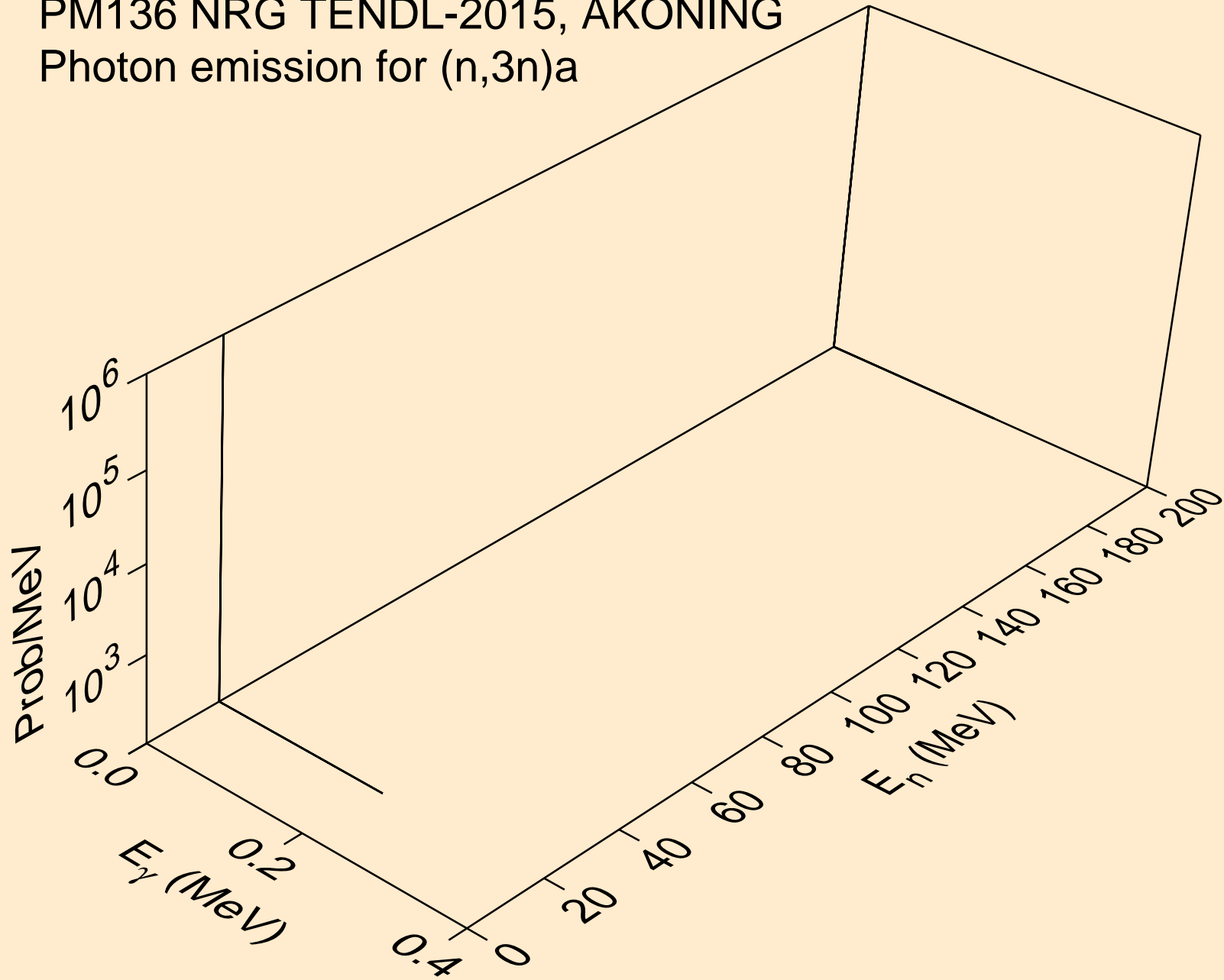
PM136 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



PM136 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

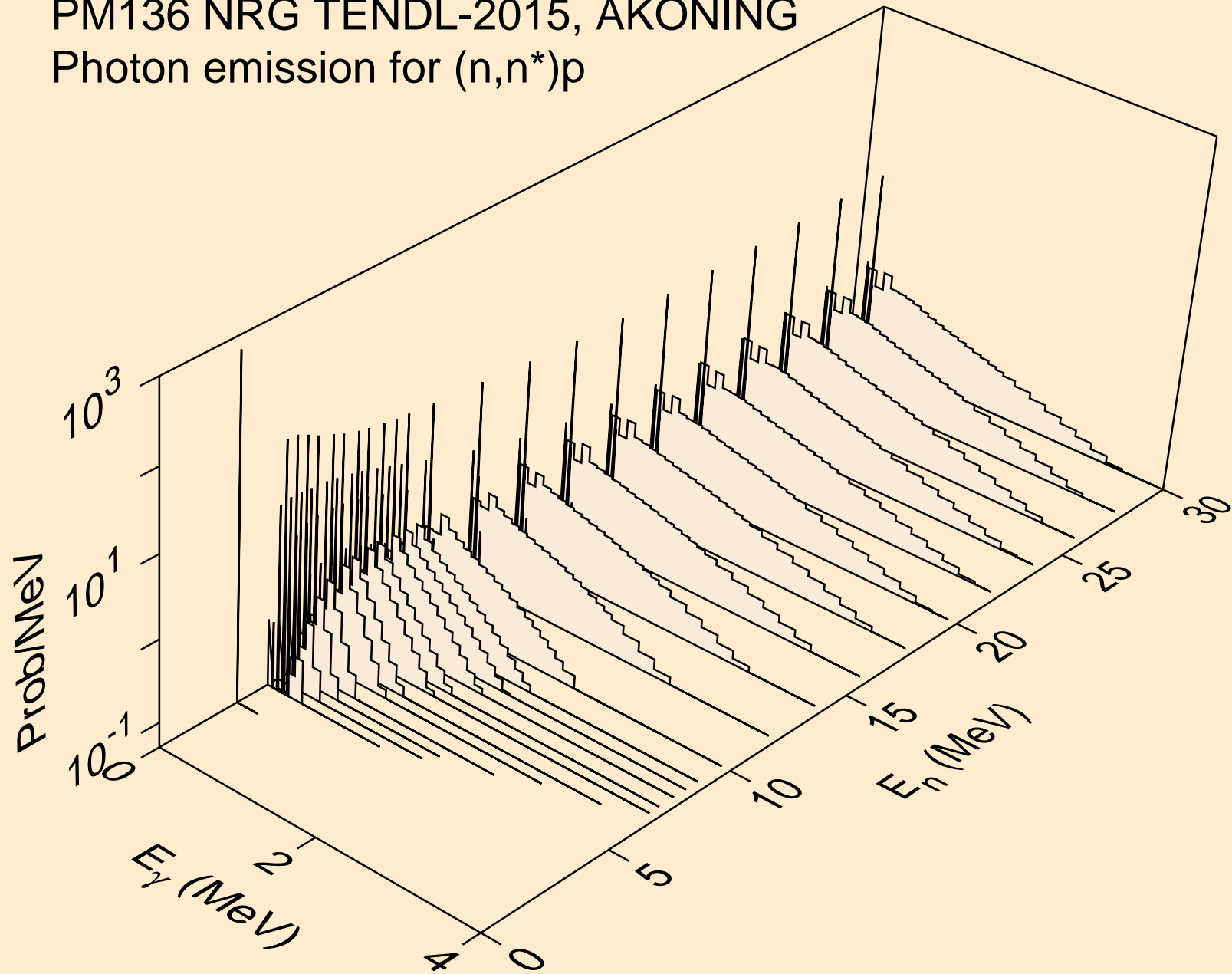


PM136 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

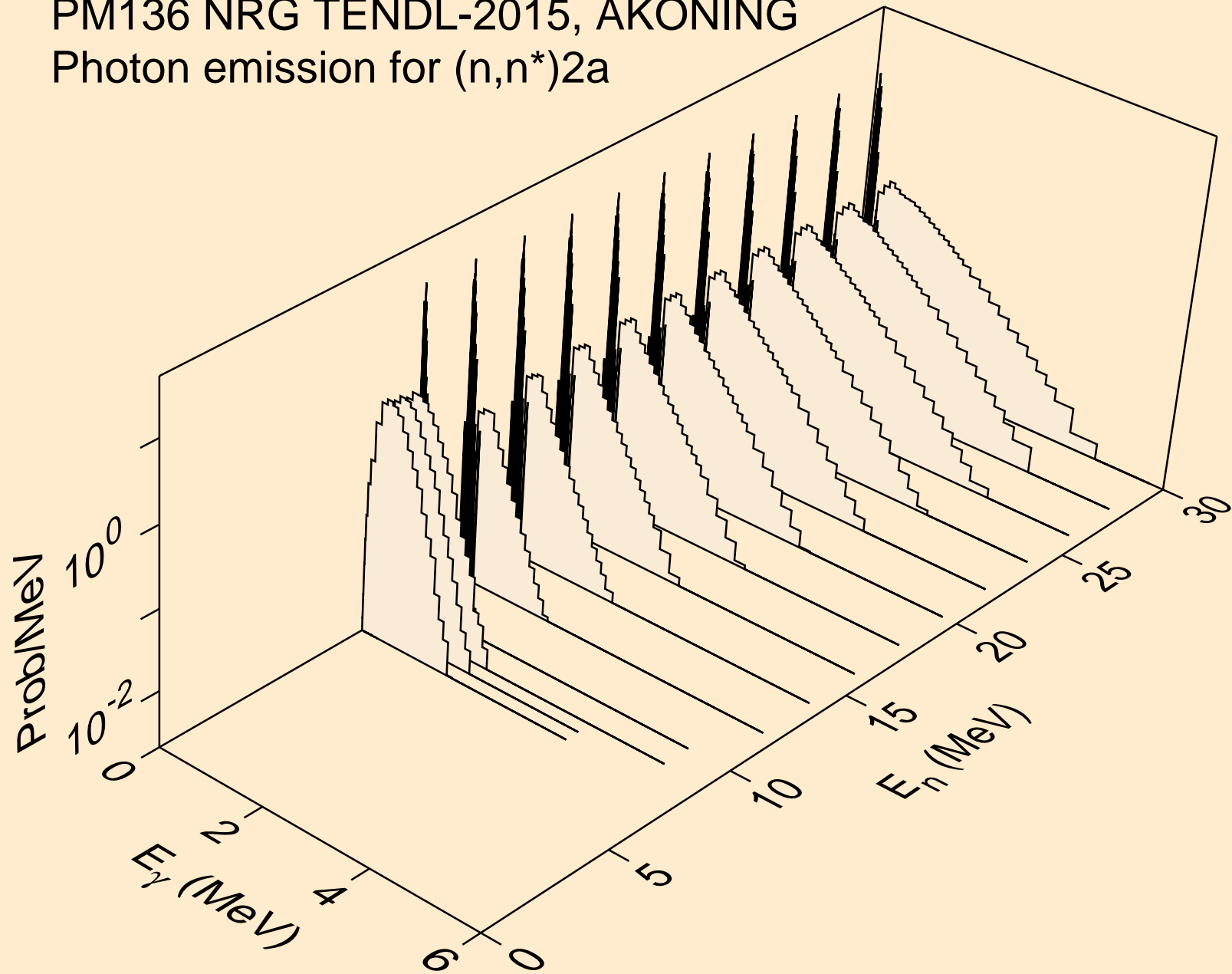




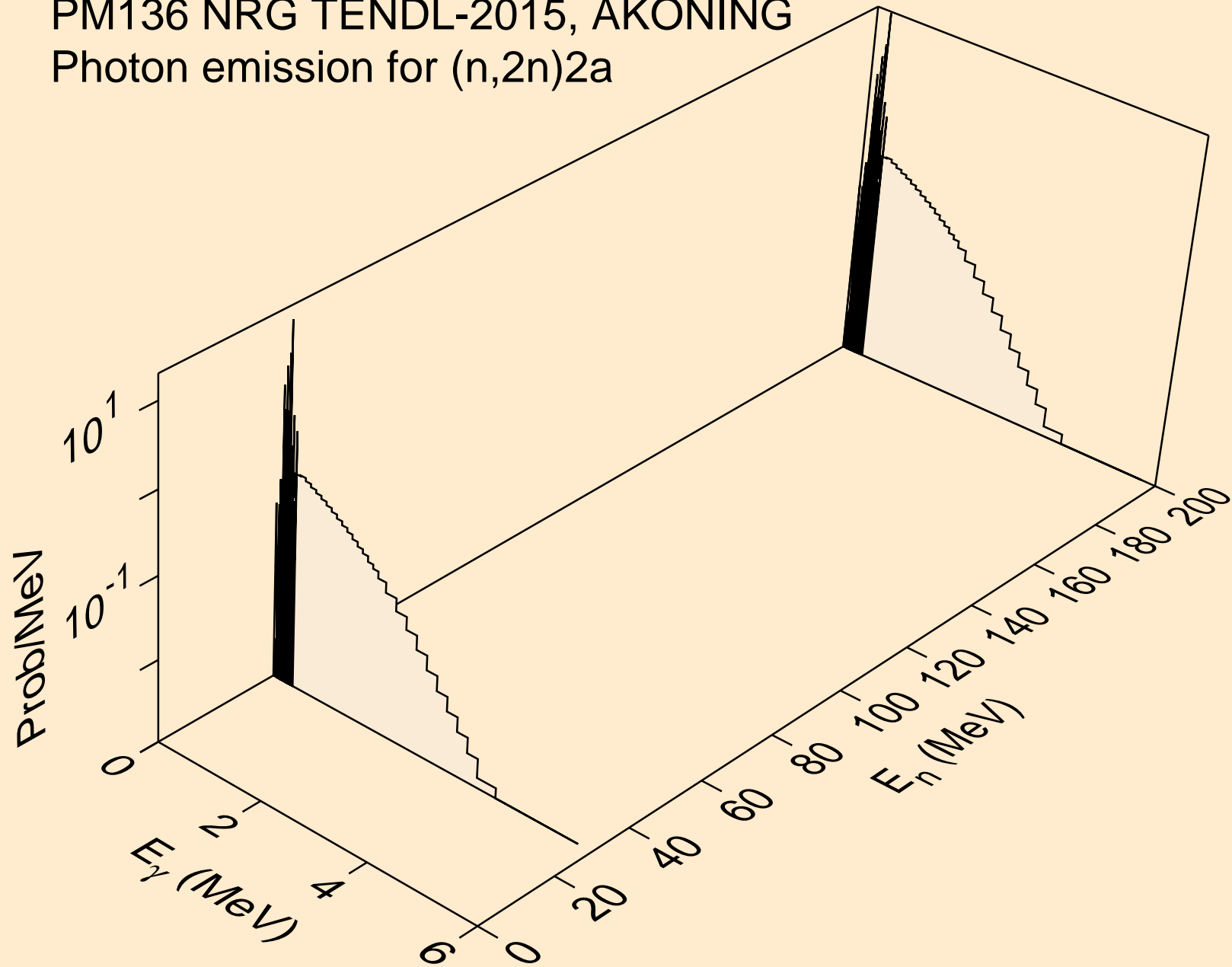
PM136 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



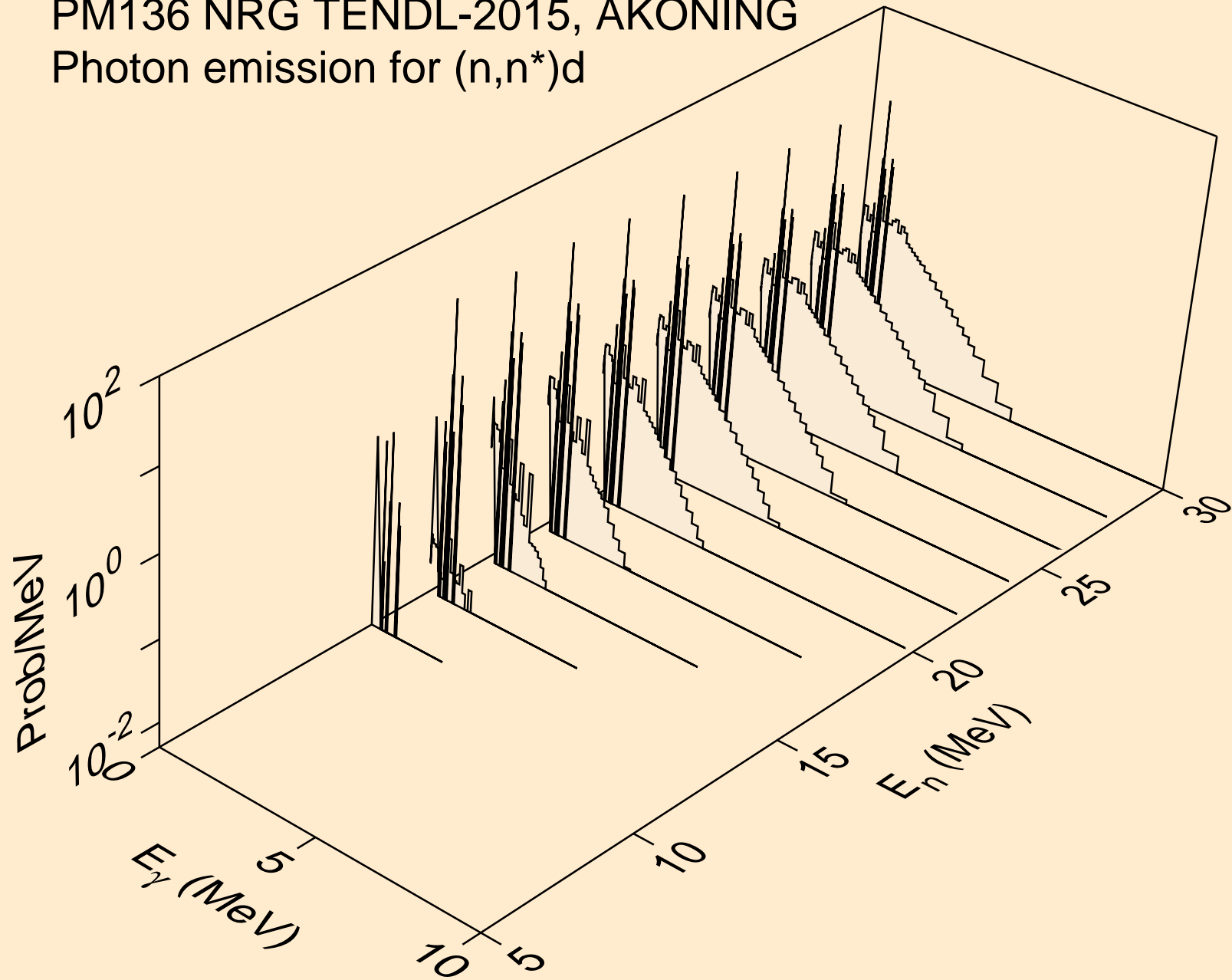
PM136 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



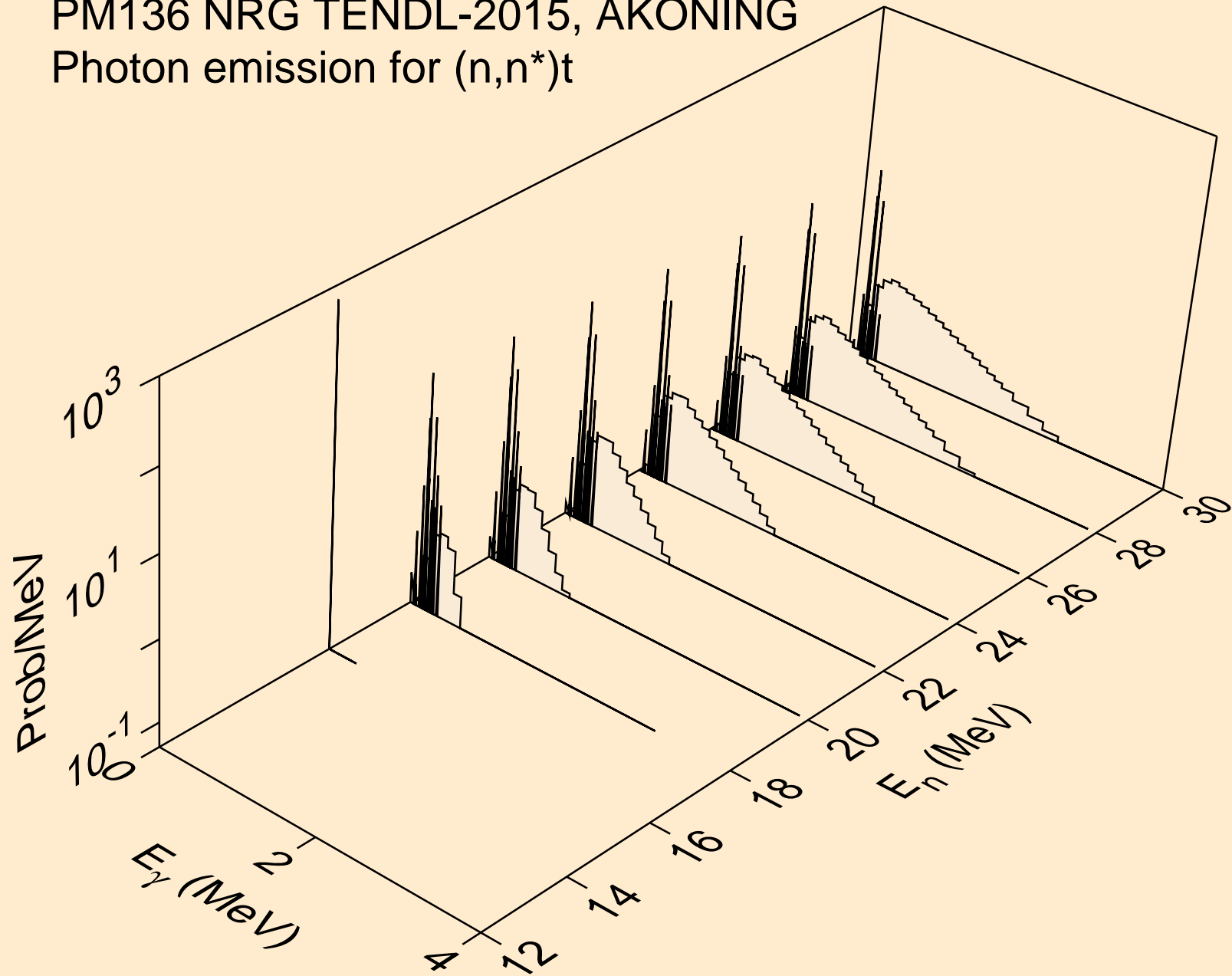
PM136 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



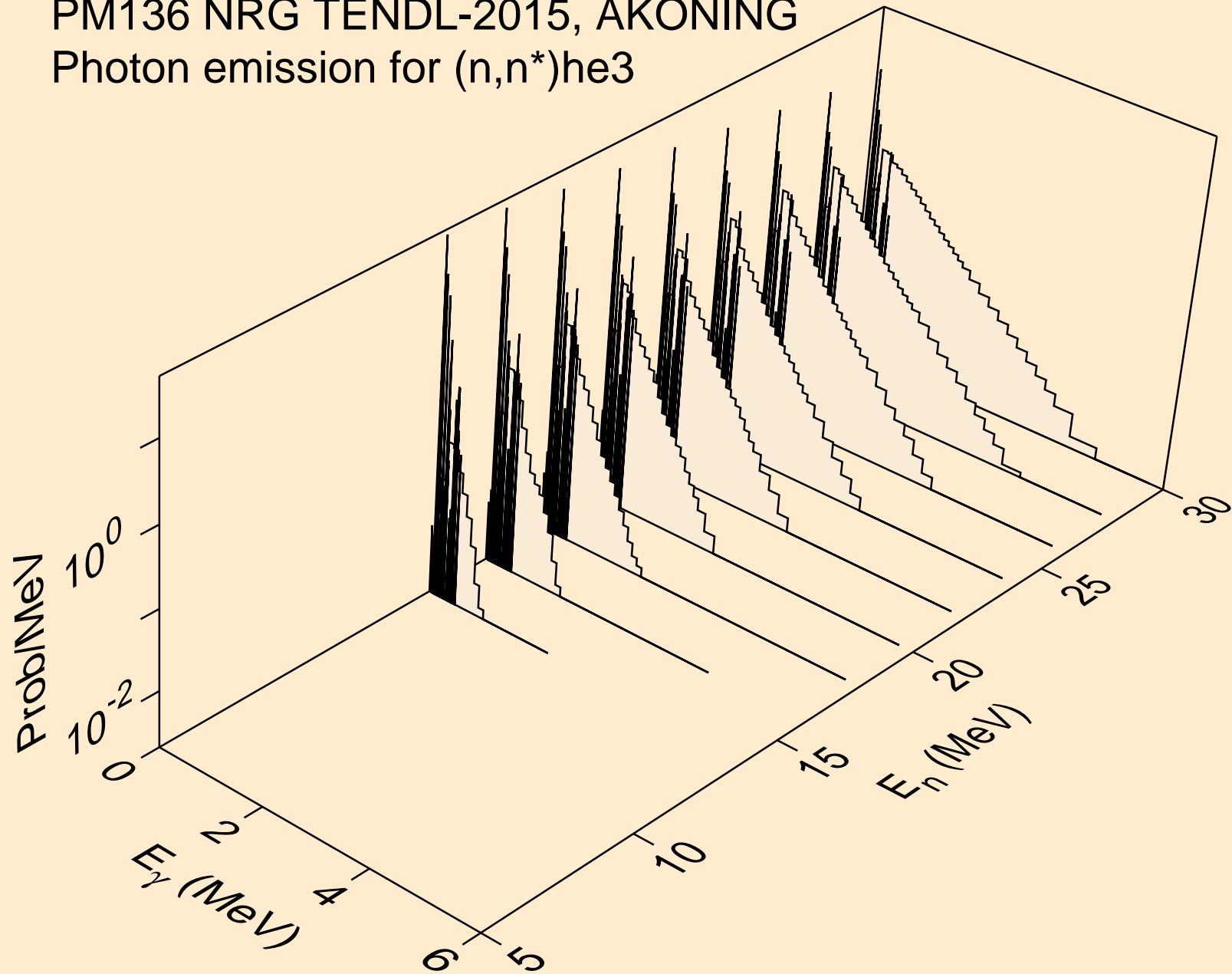
PM136 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



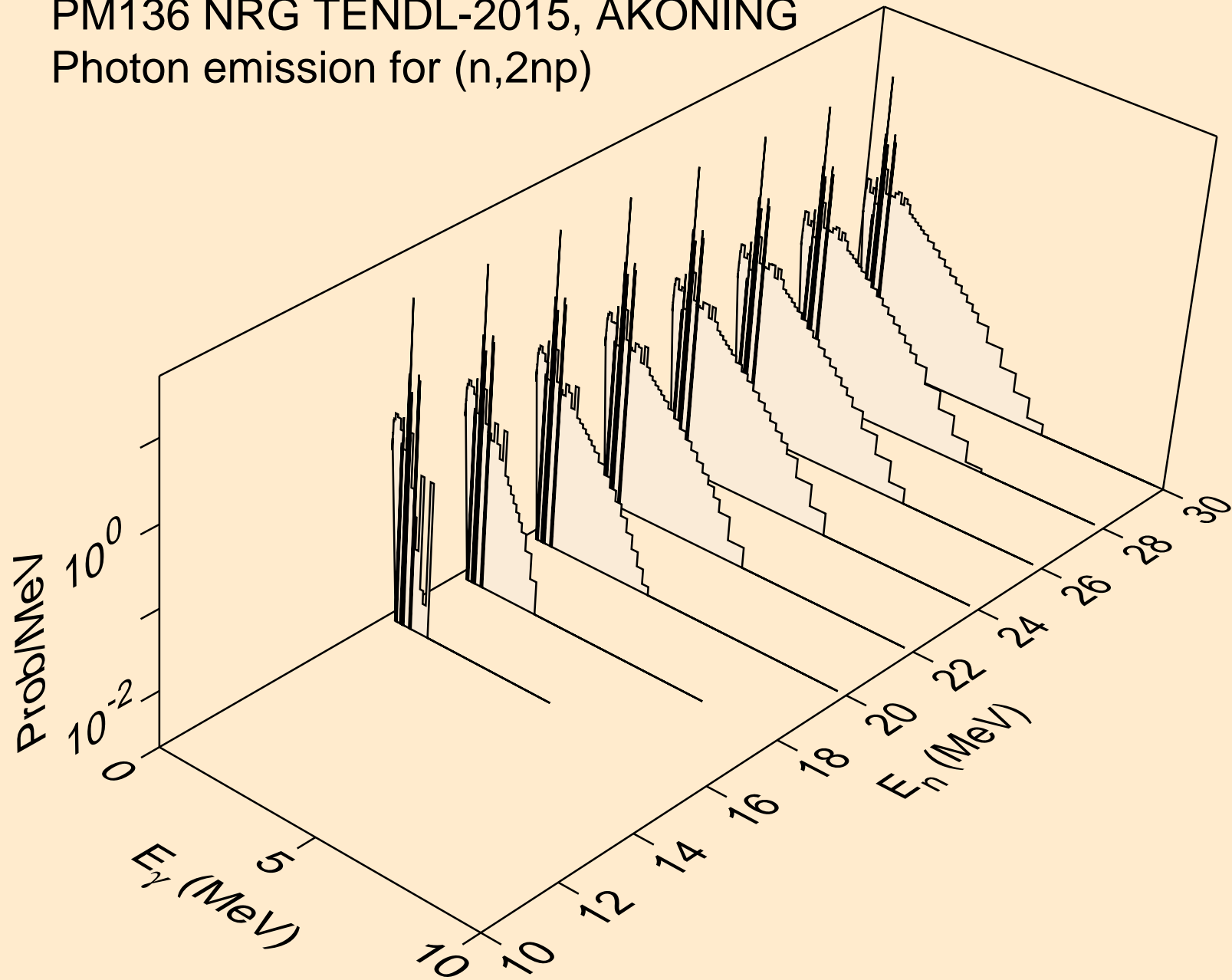
PM136 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



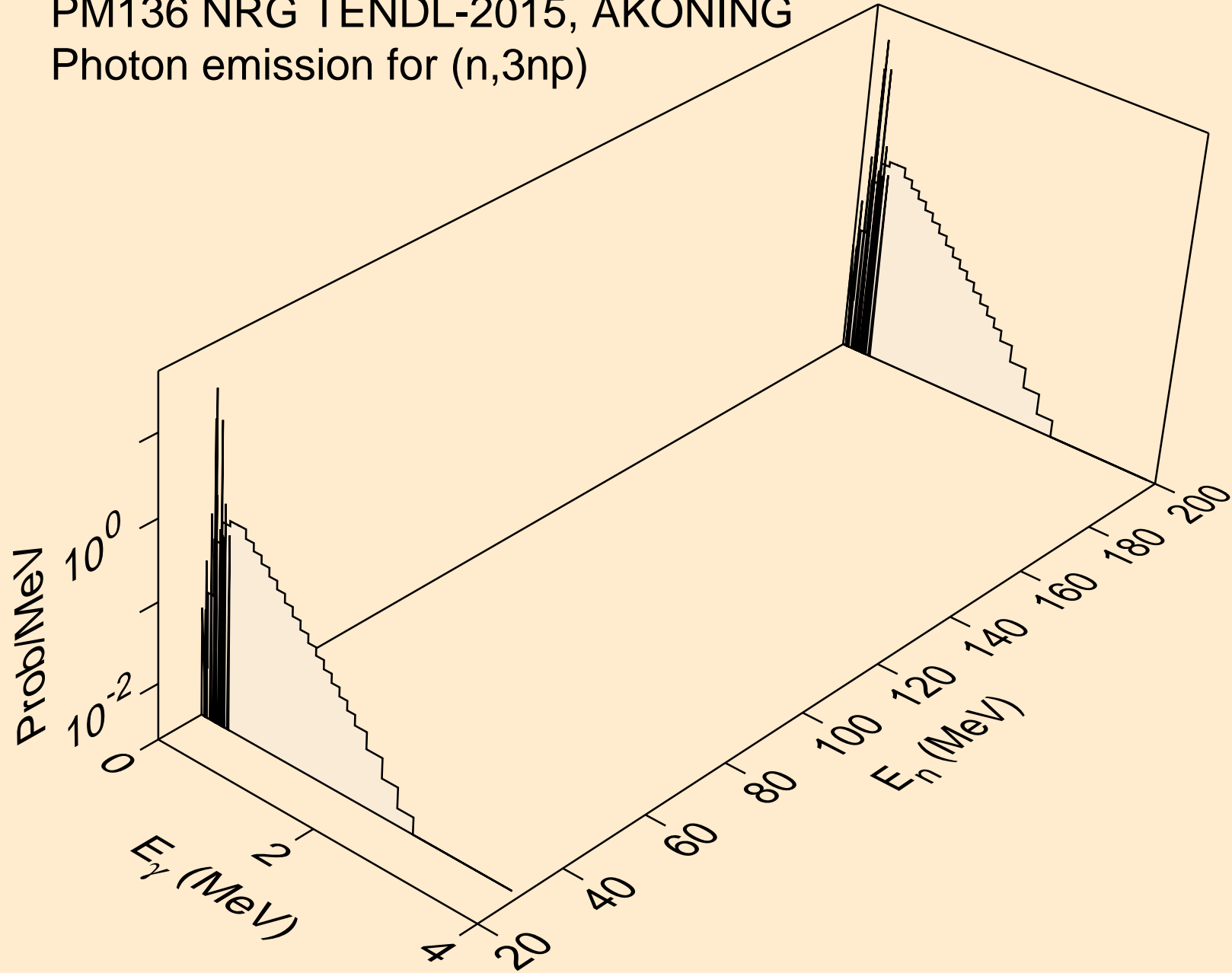
PM136 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



PM136 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

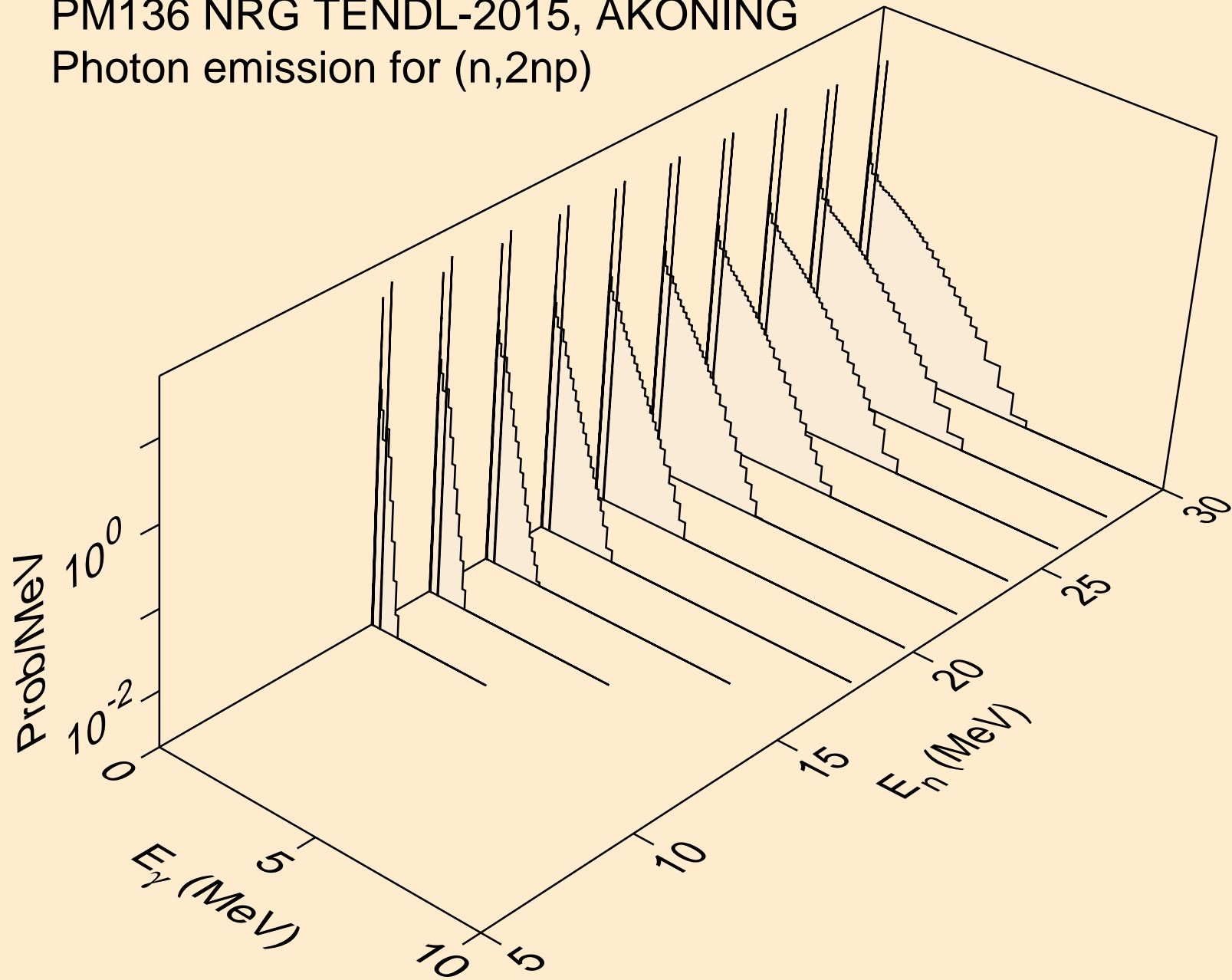


PM136 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

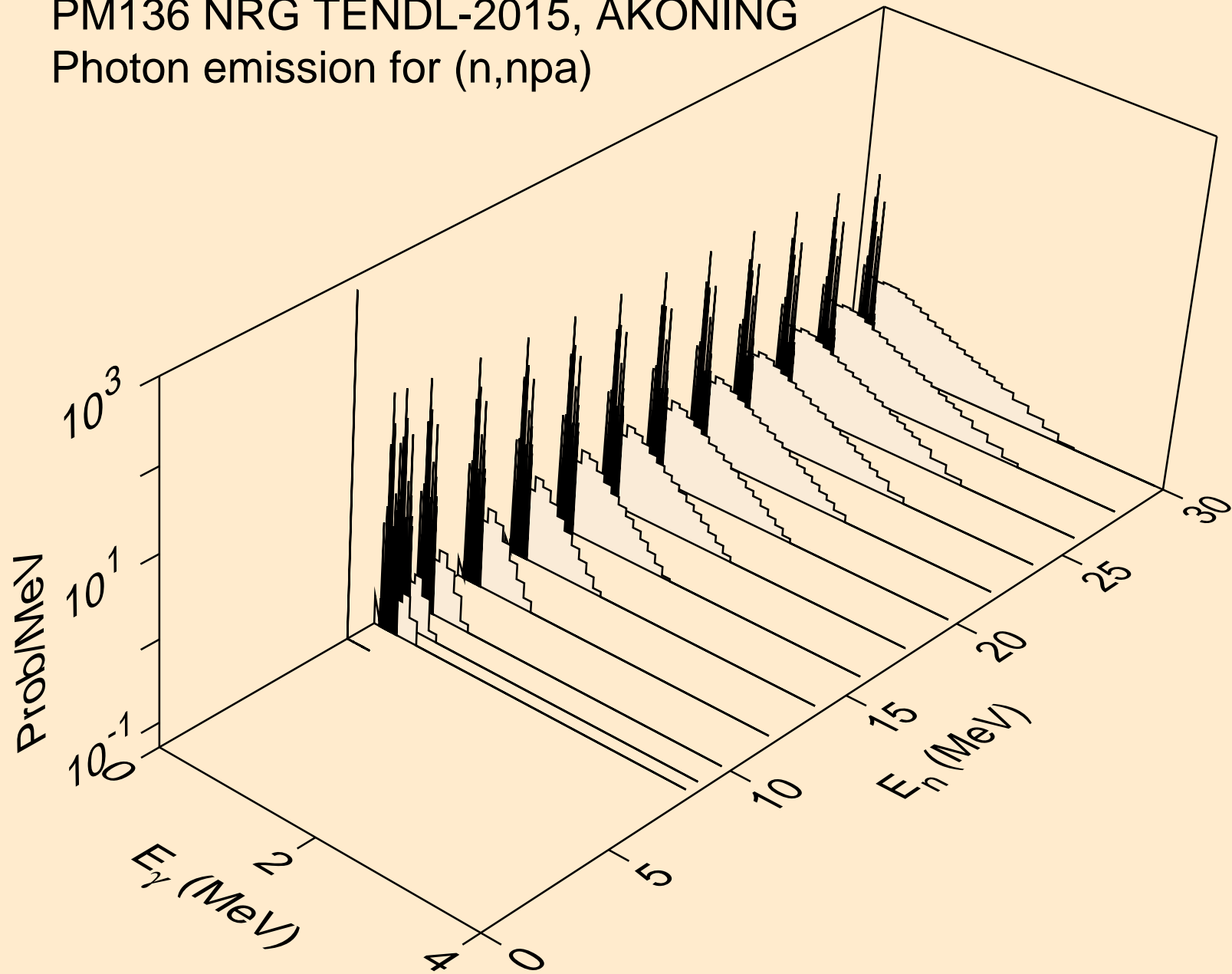




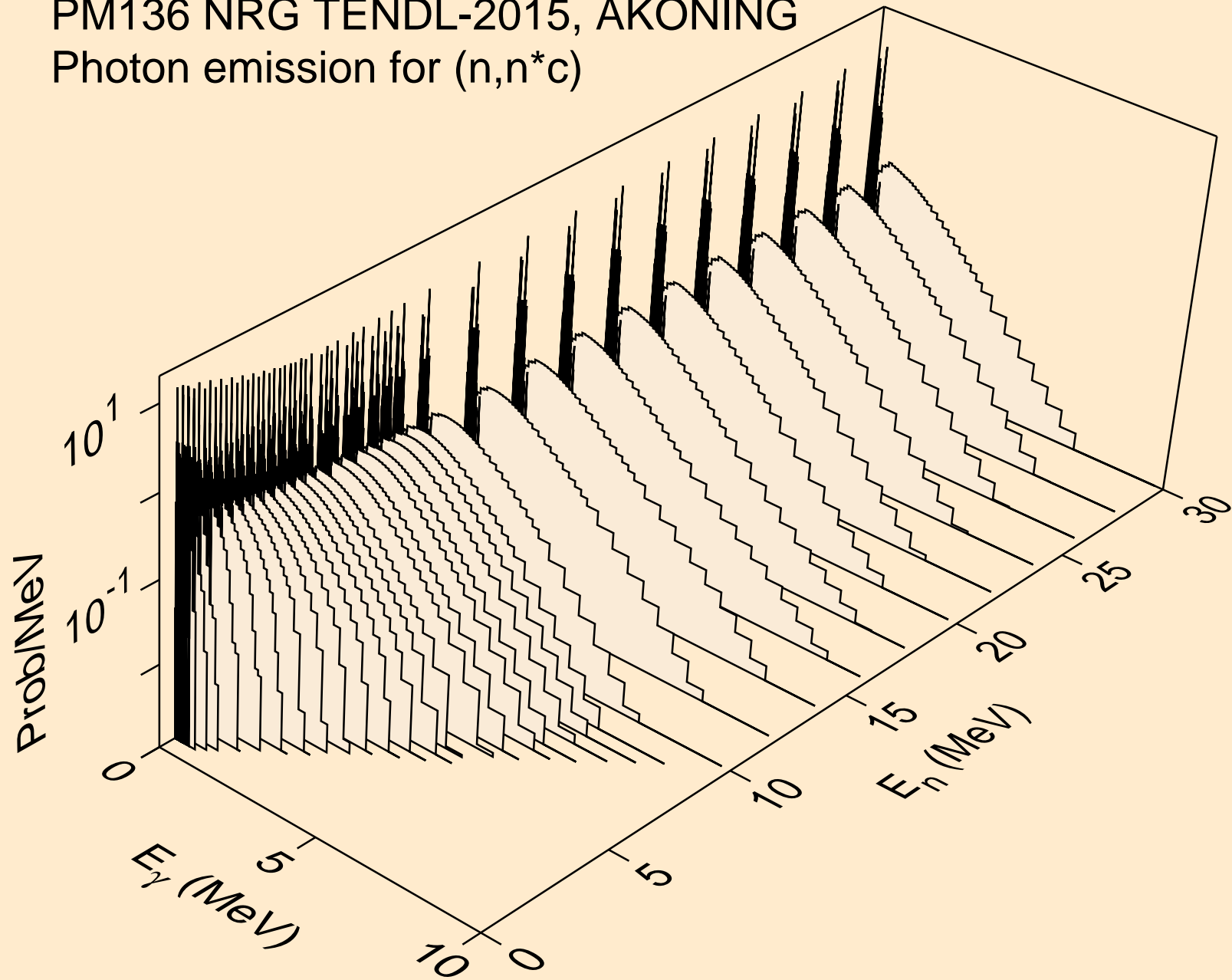
PM136 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



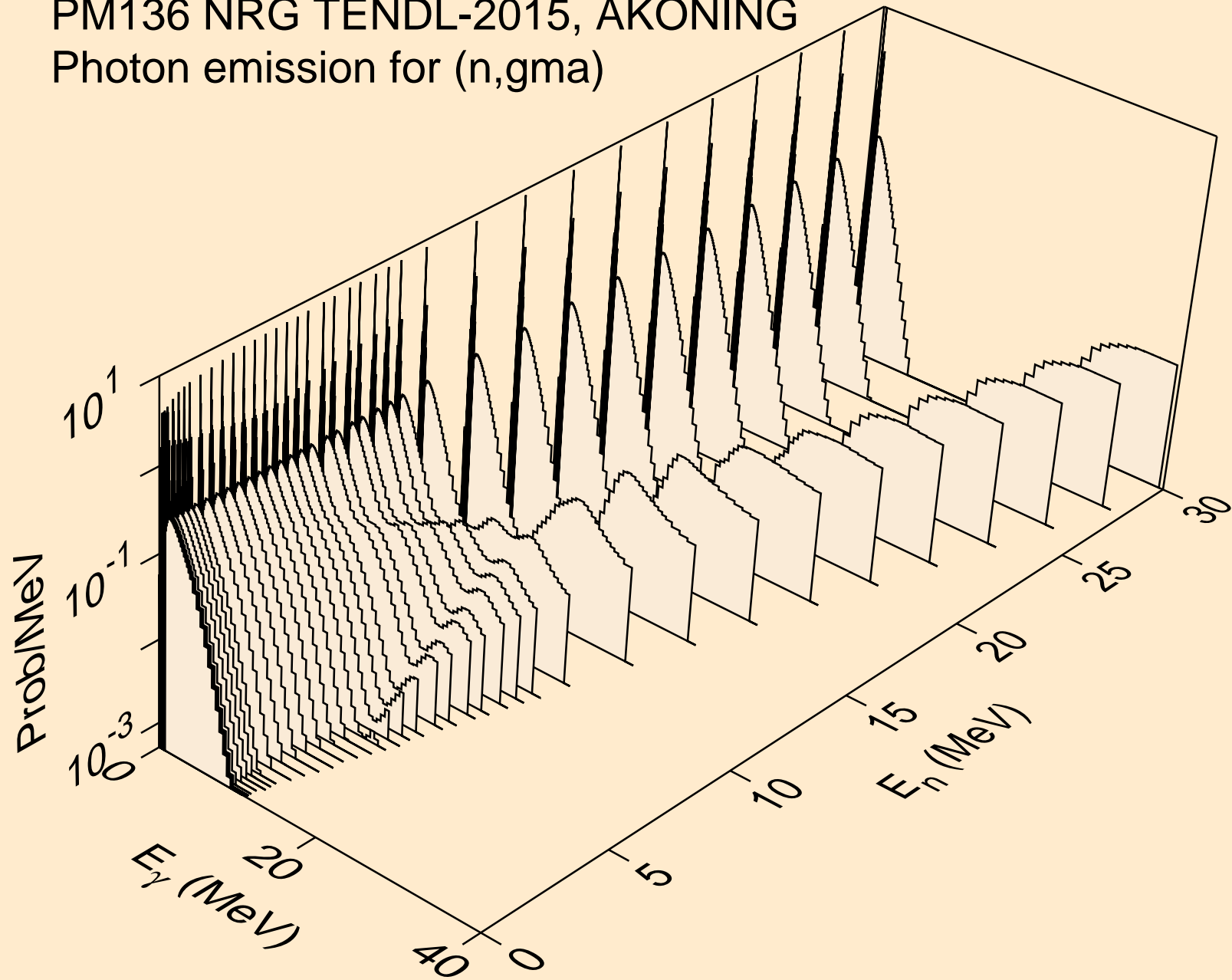
PM136 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



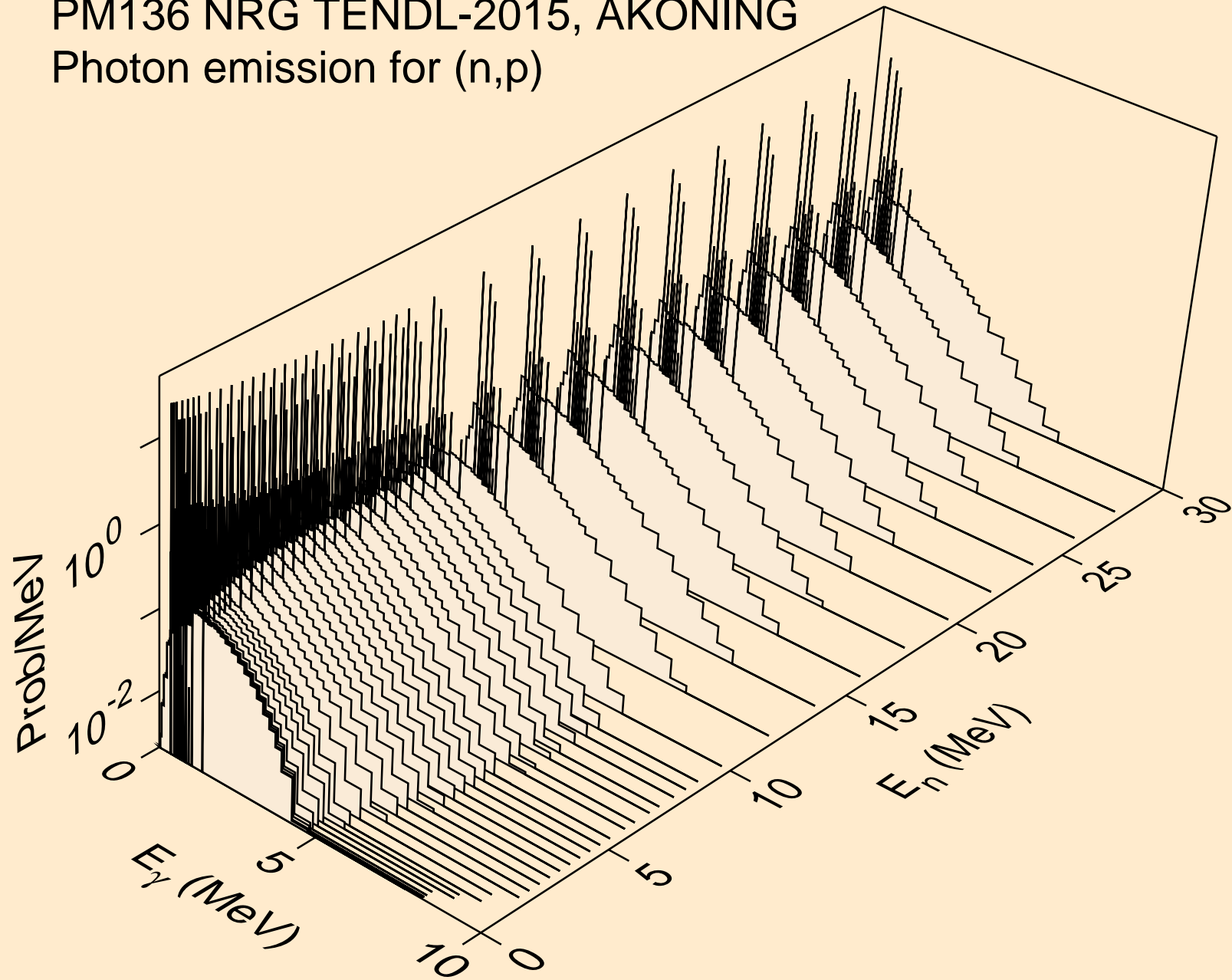
PM136 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



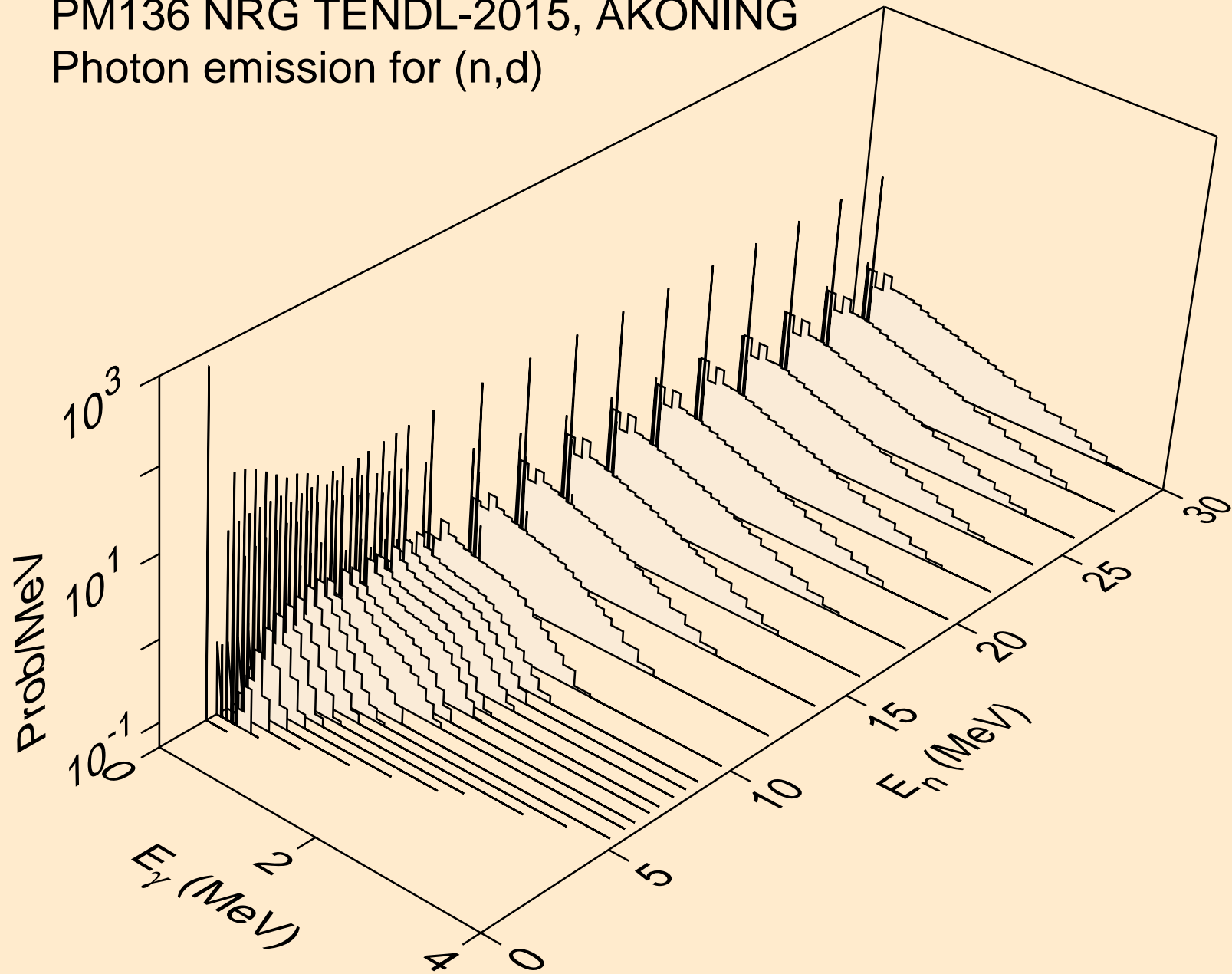
PM136 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



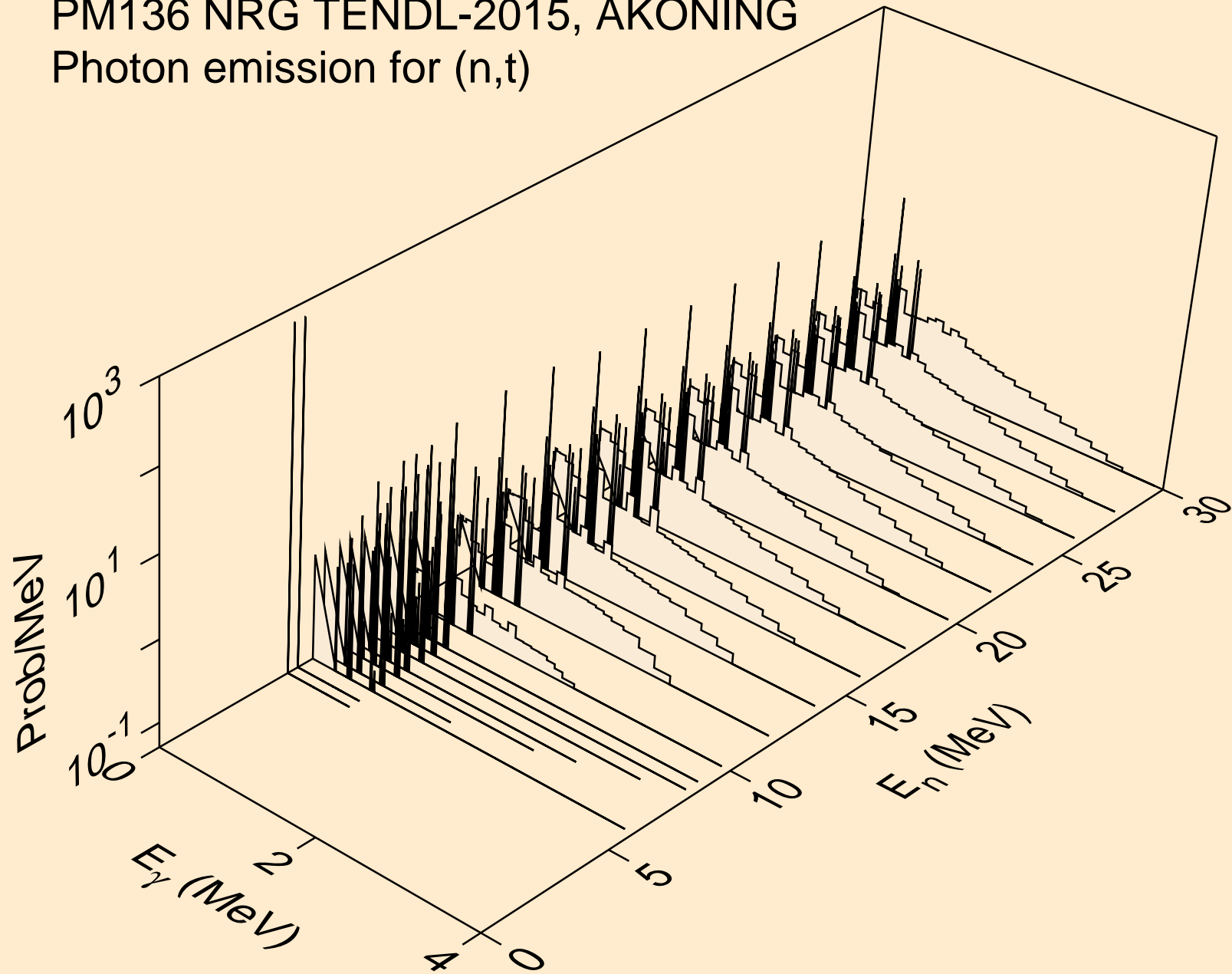
PM136 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



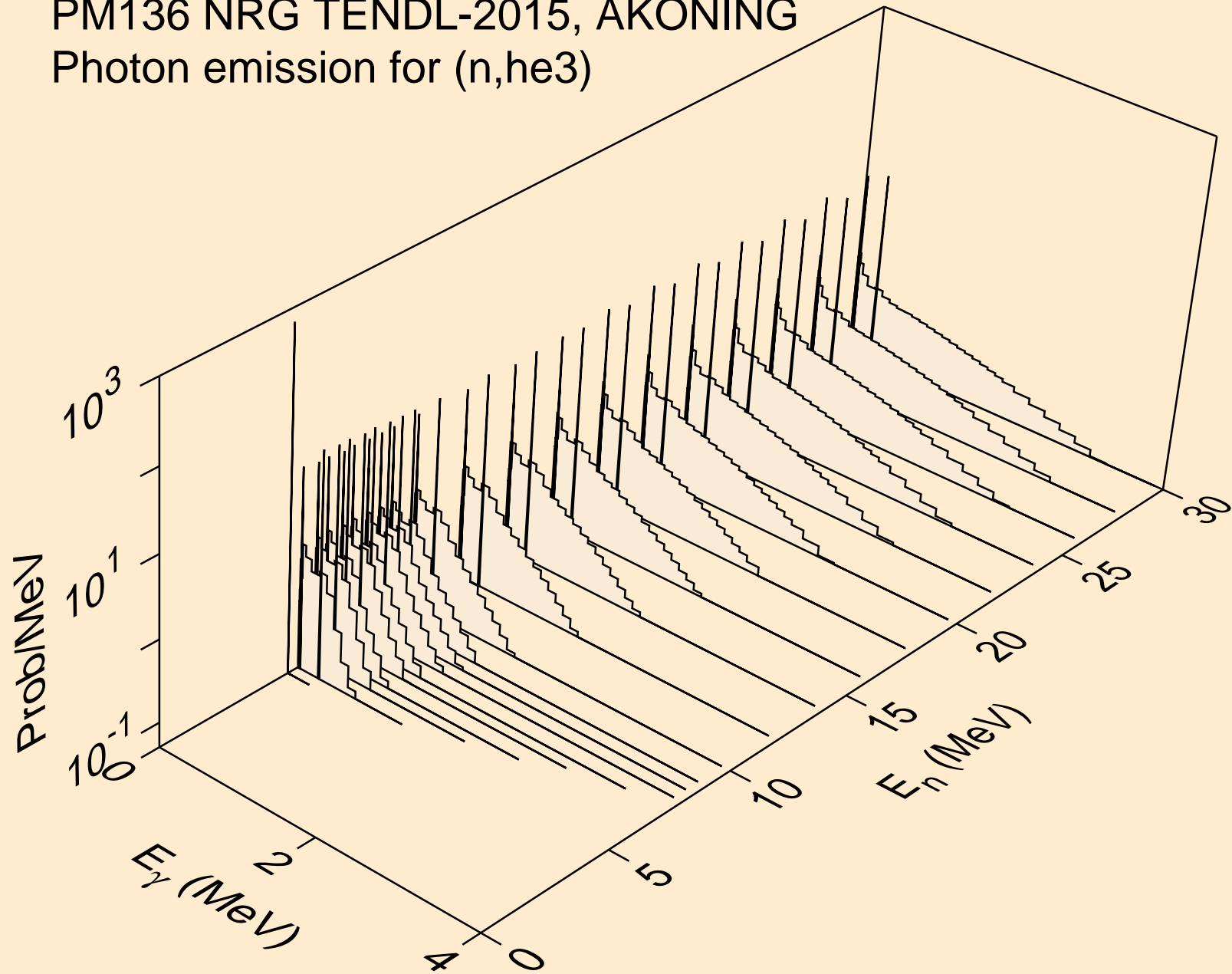
PM136 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



PM136 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

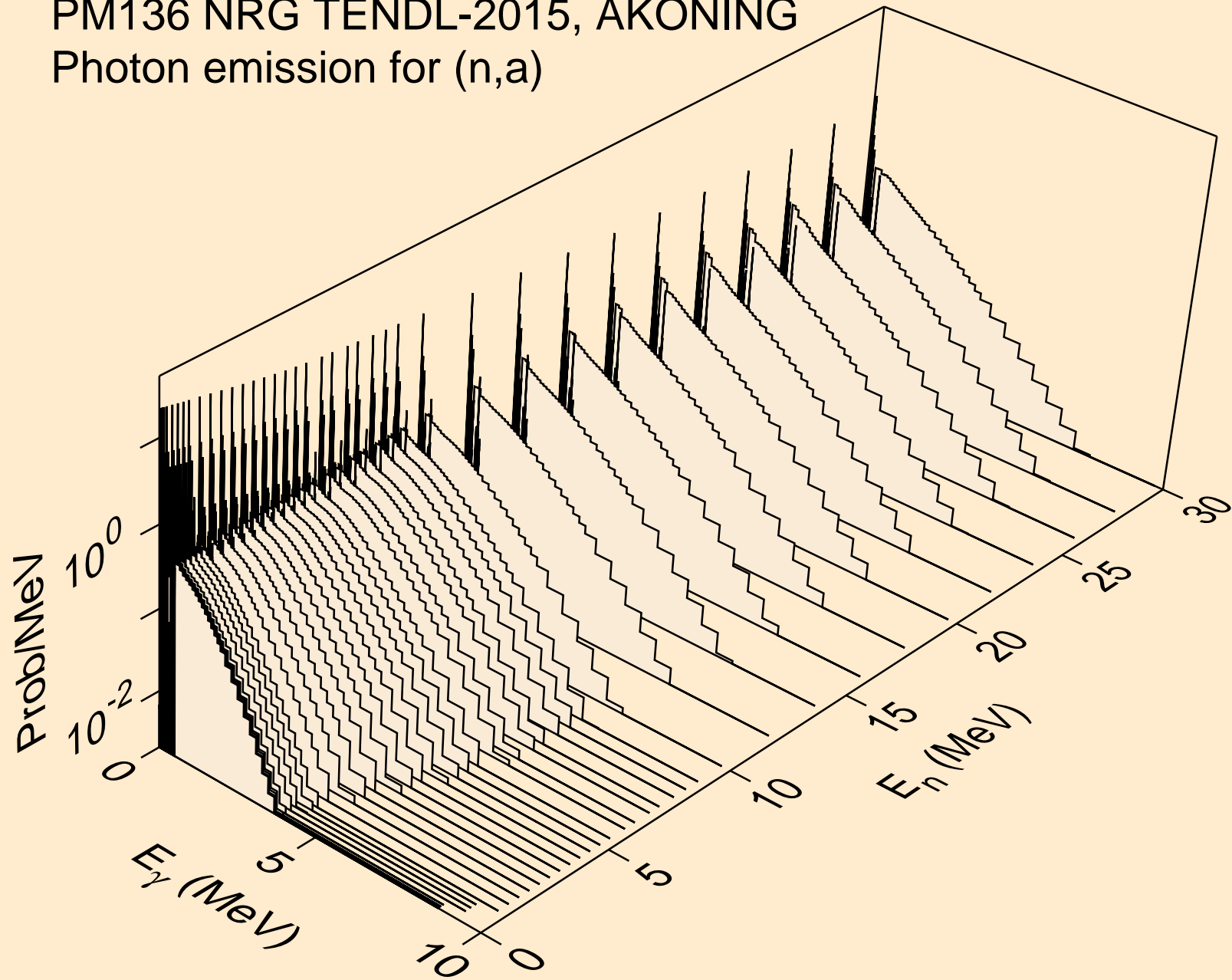


PM136 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

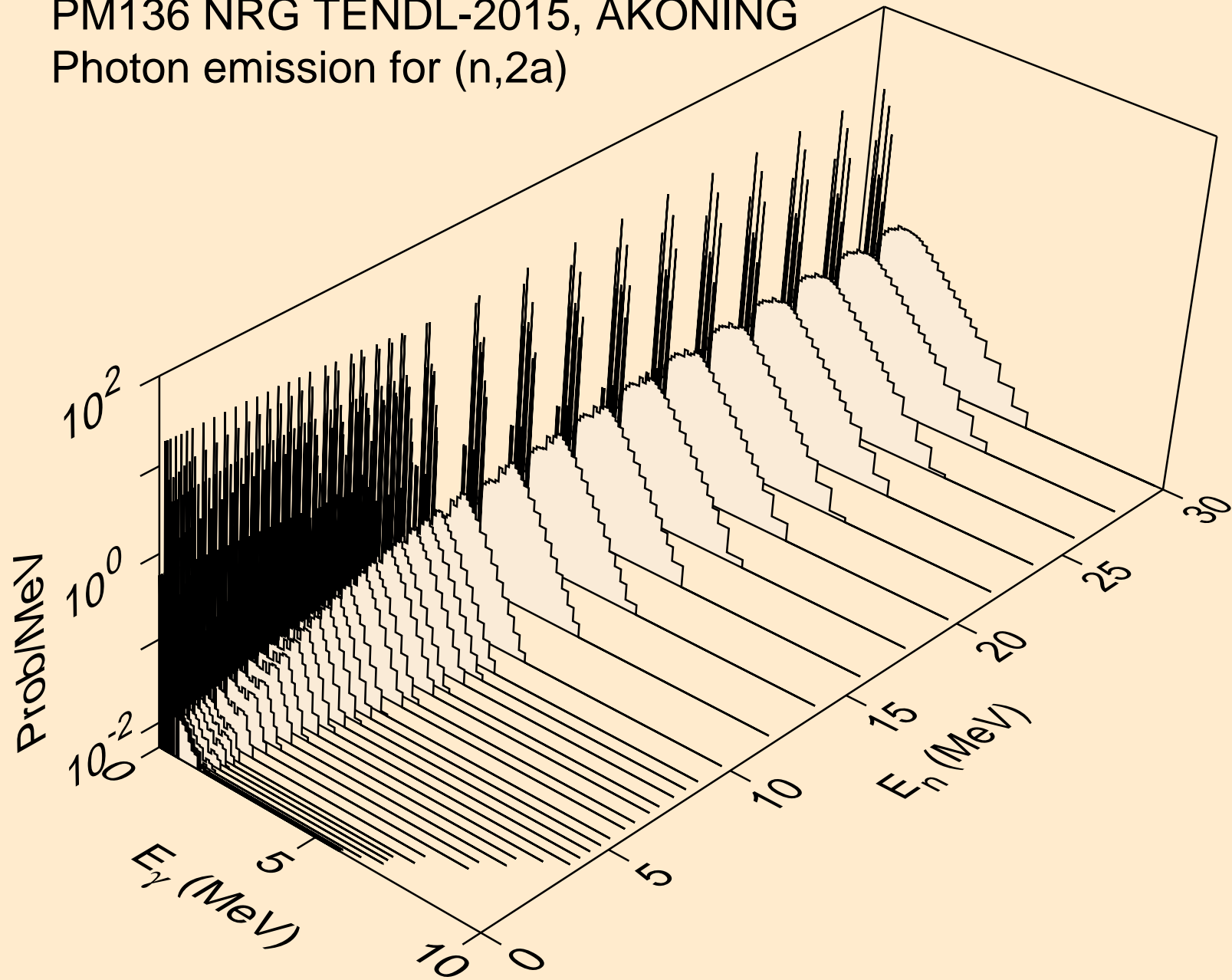




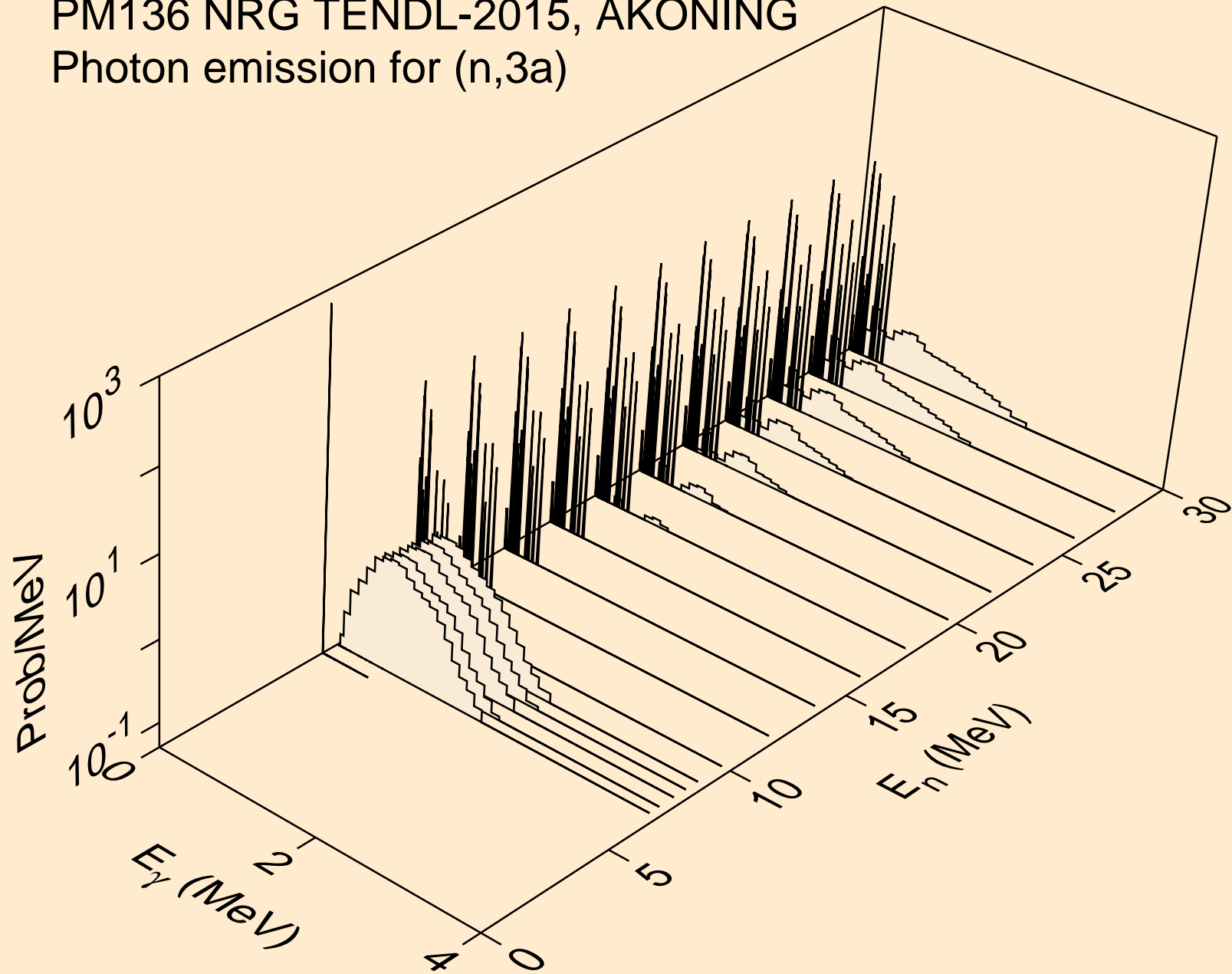
PM136 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



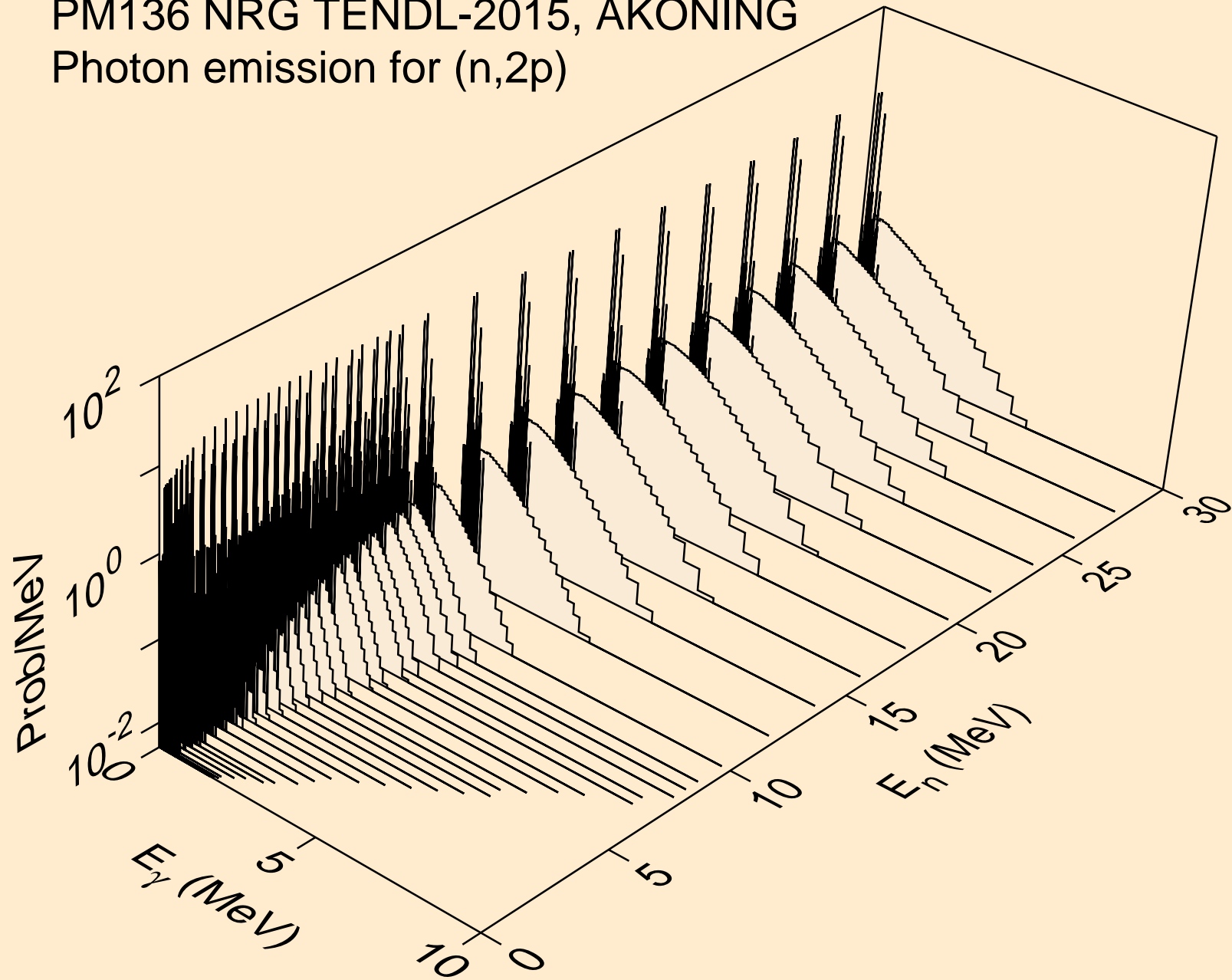
PM136 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



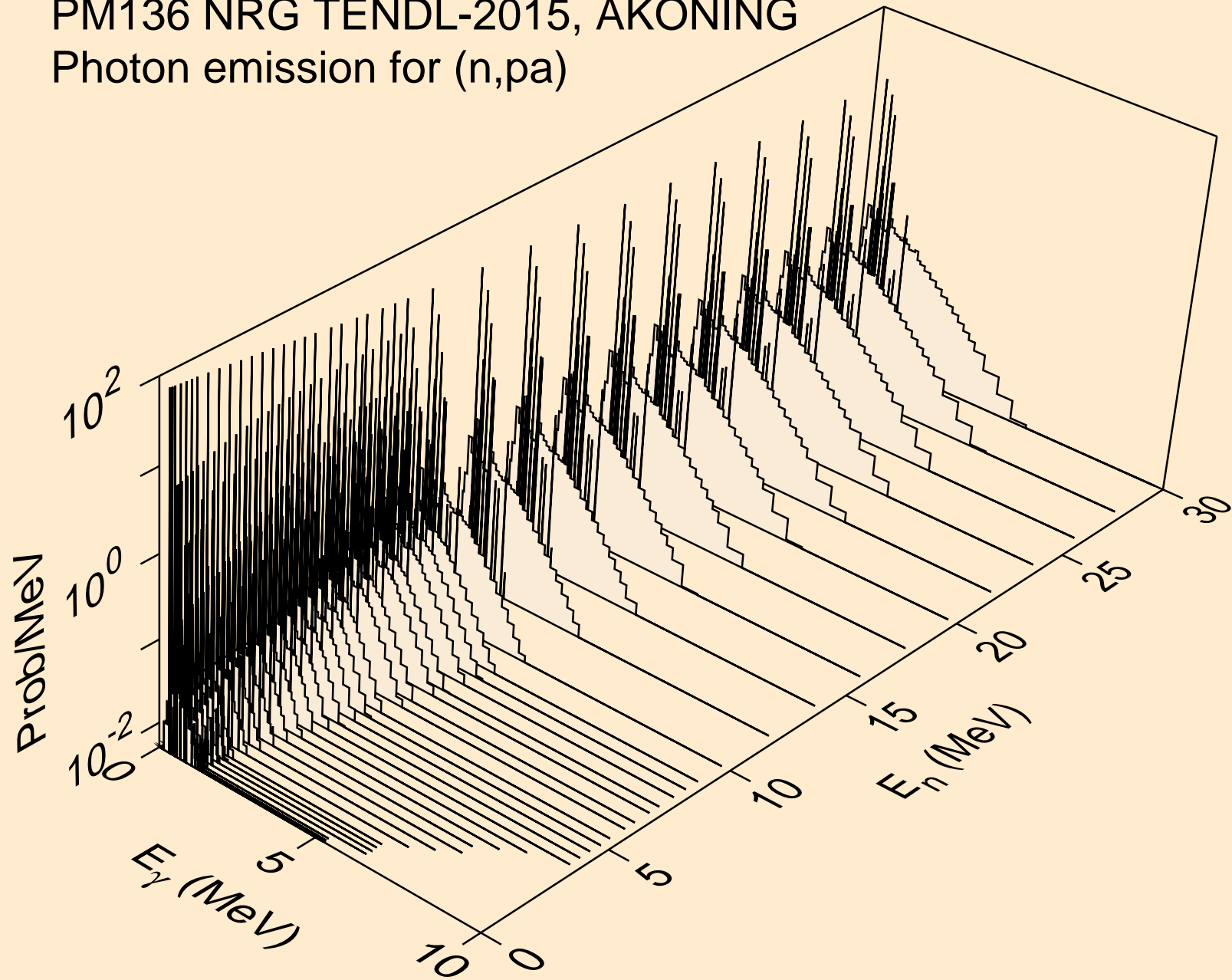
PM136 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



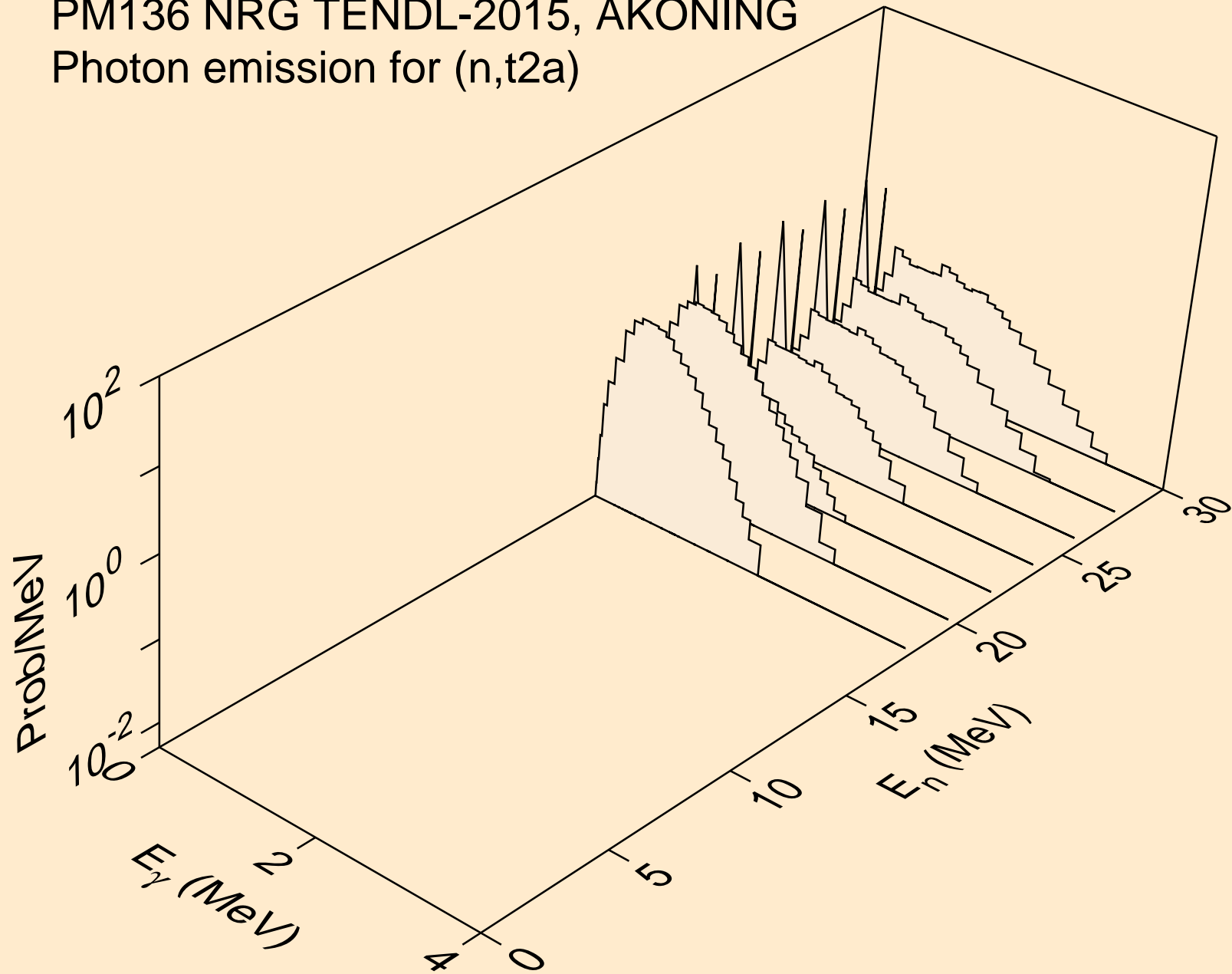
PM136 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



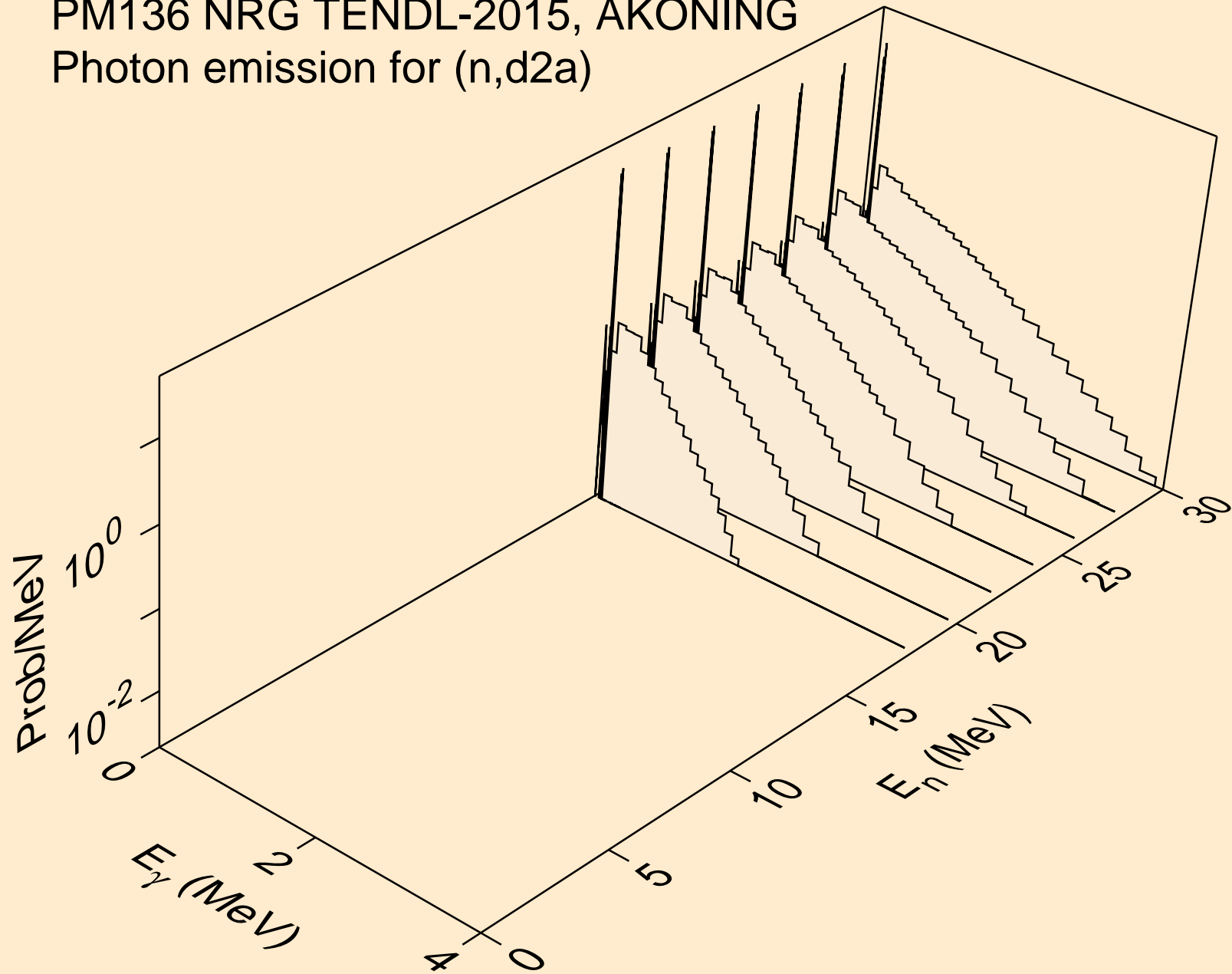
PM136 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



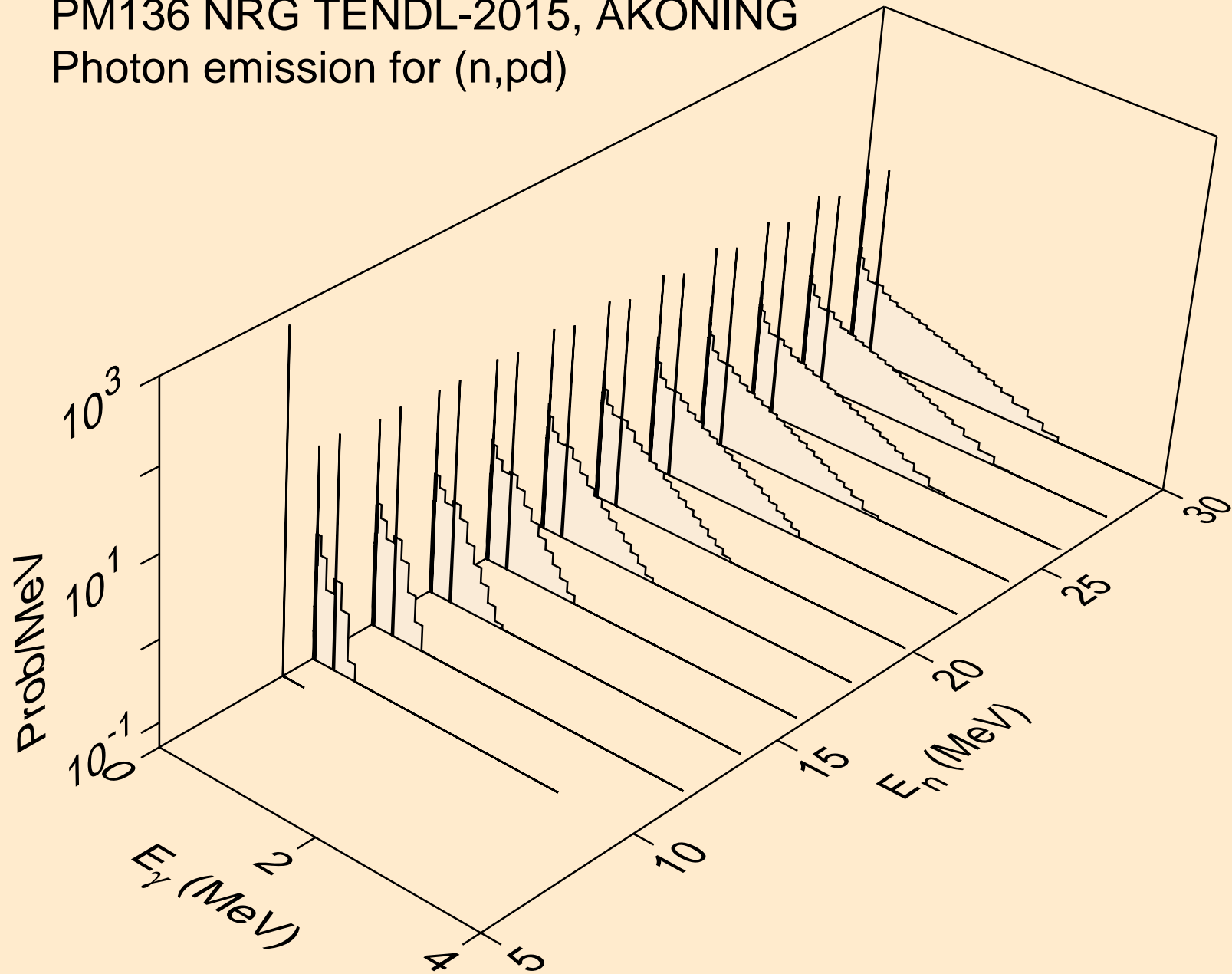
PM136 NRG TENDL-2015, AKONING  
Photon emission for (n,t2a)



PM136 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)

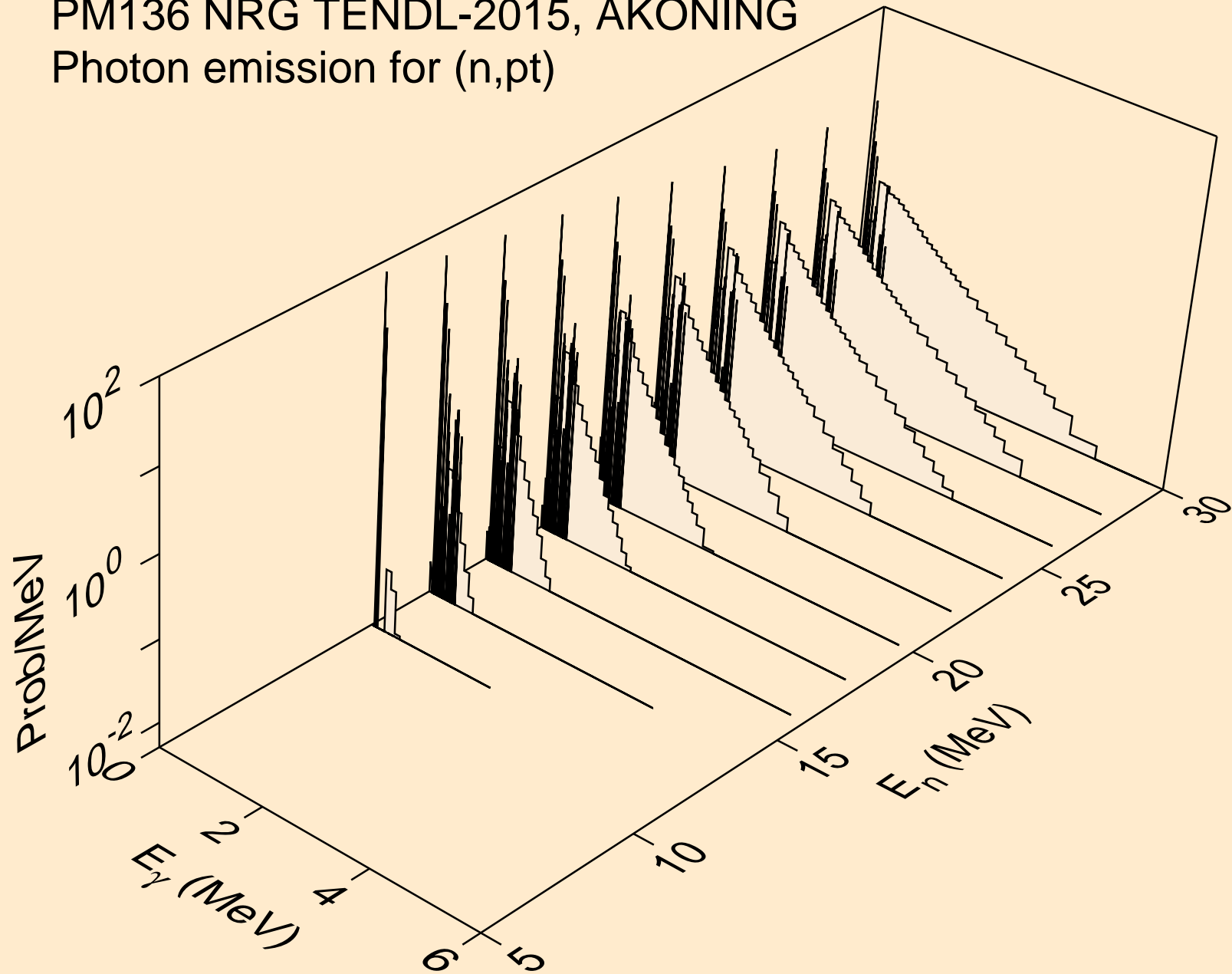


PM136 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

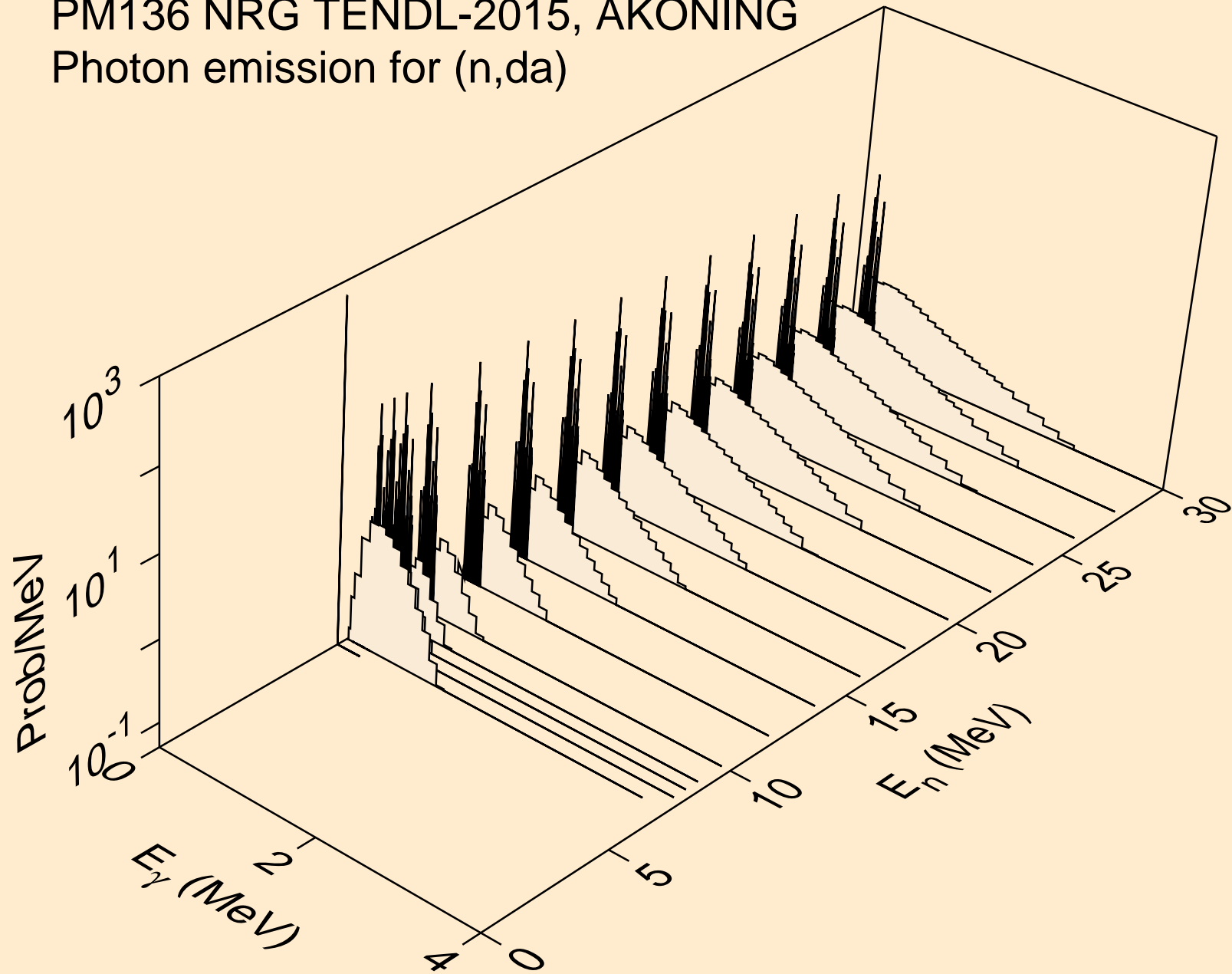




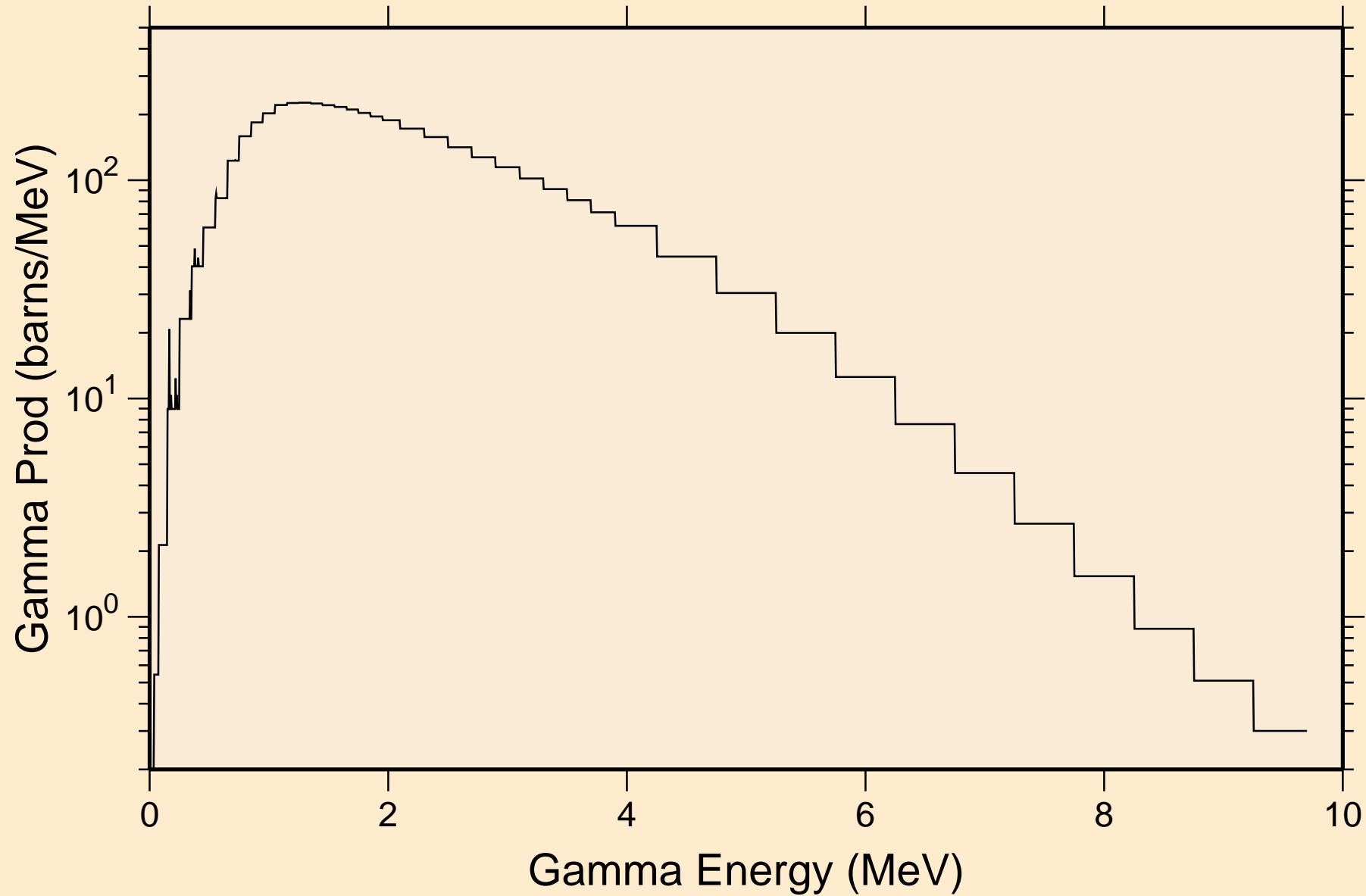
PM136 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



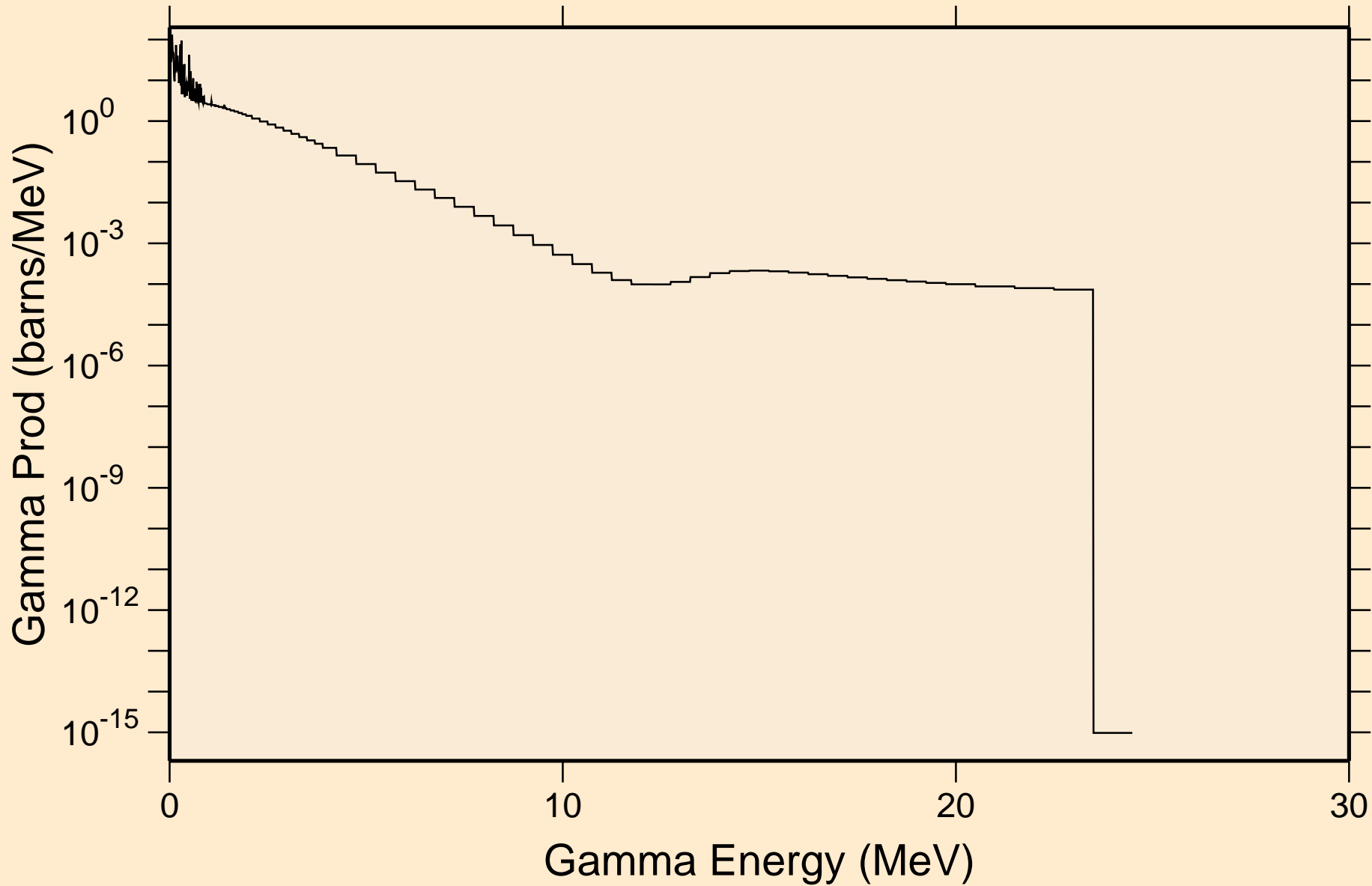
PM136 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



PM136 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

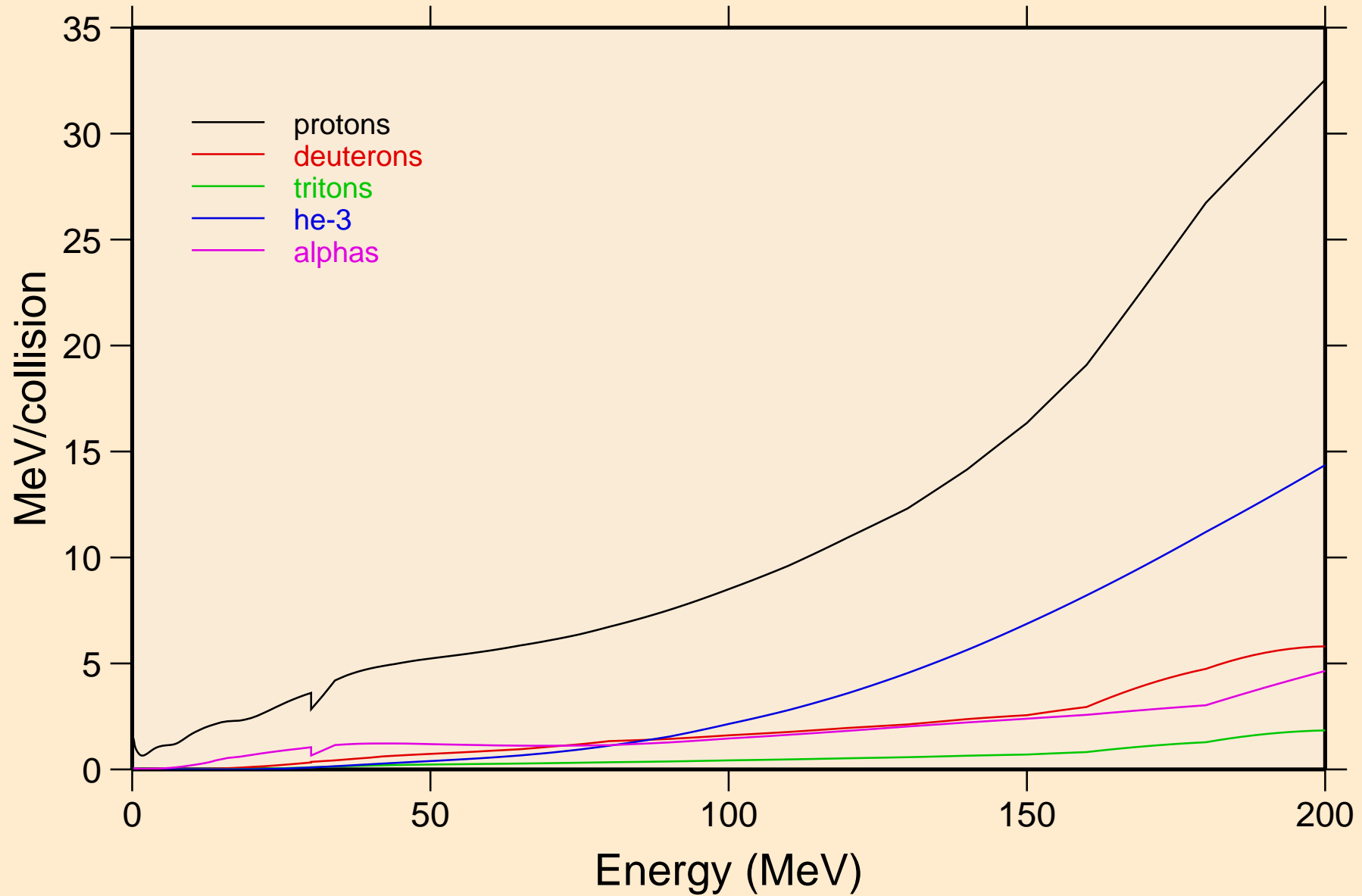


PM136 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



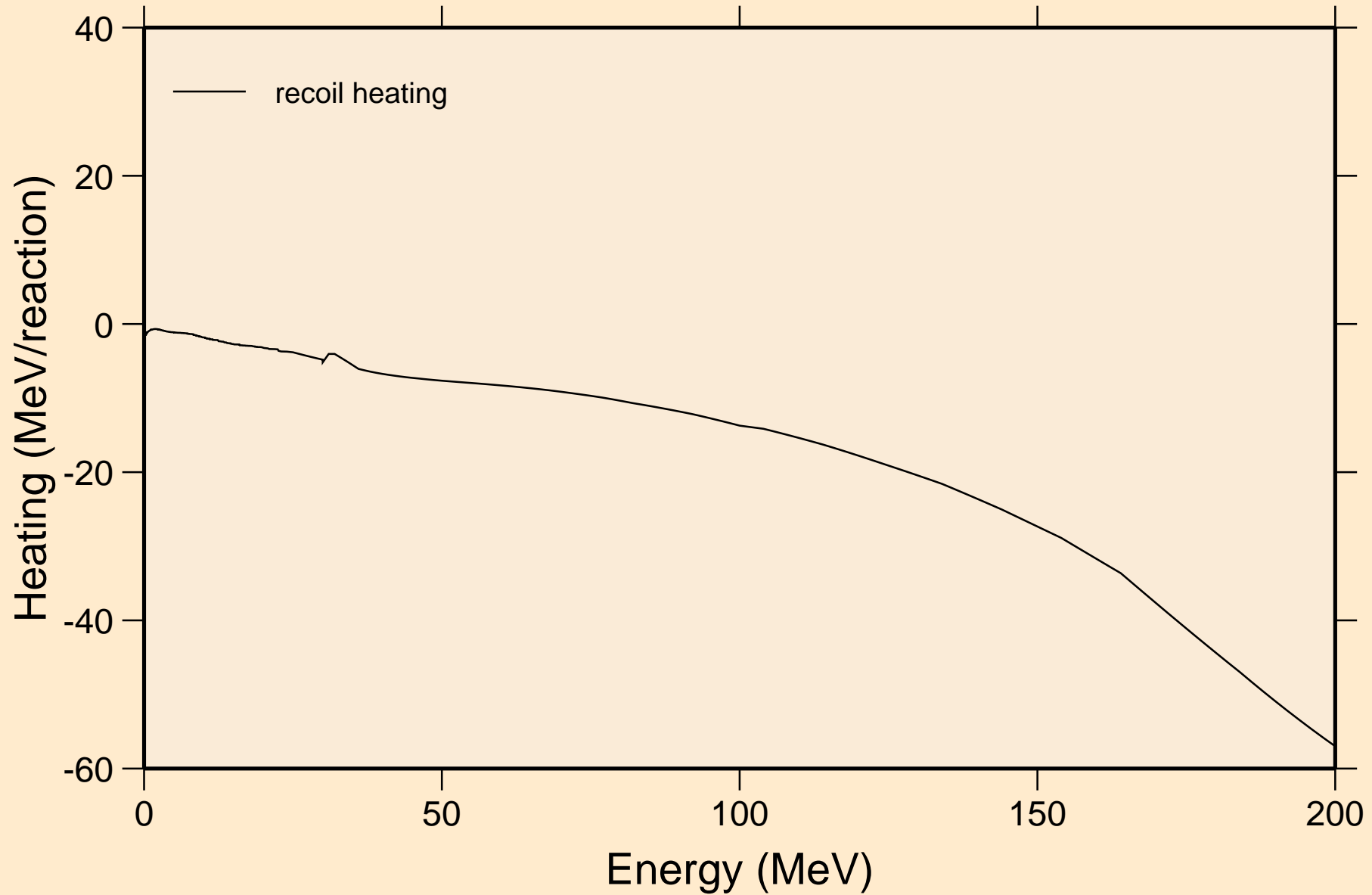
# PM136 NRG TENDL-2015, AKONING

## Particle heating contributions



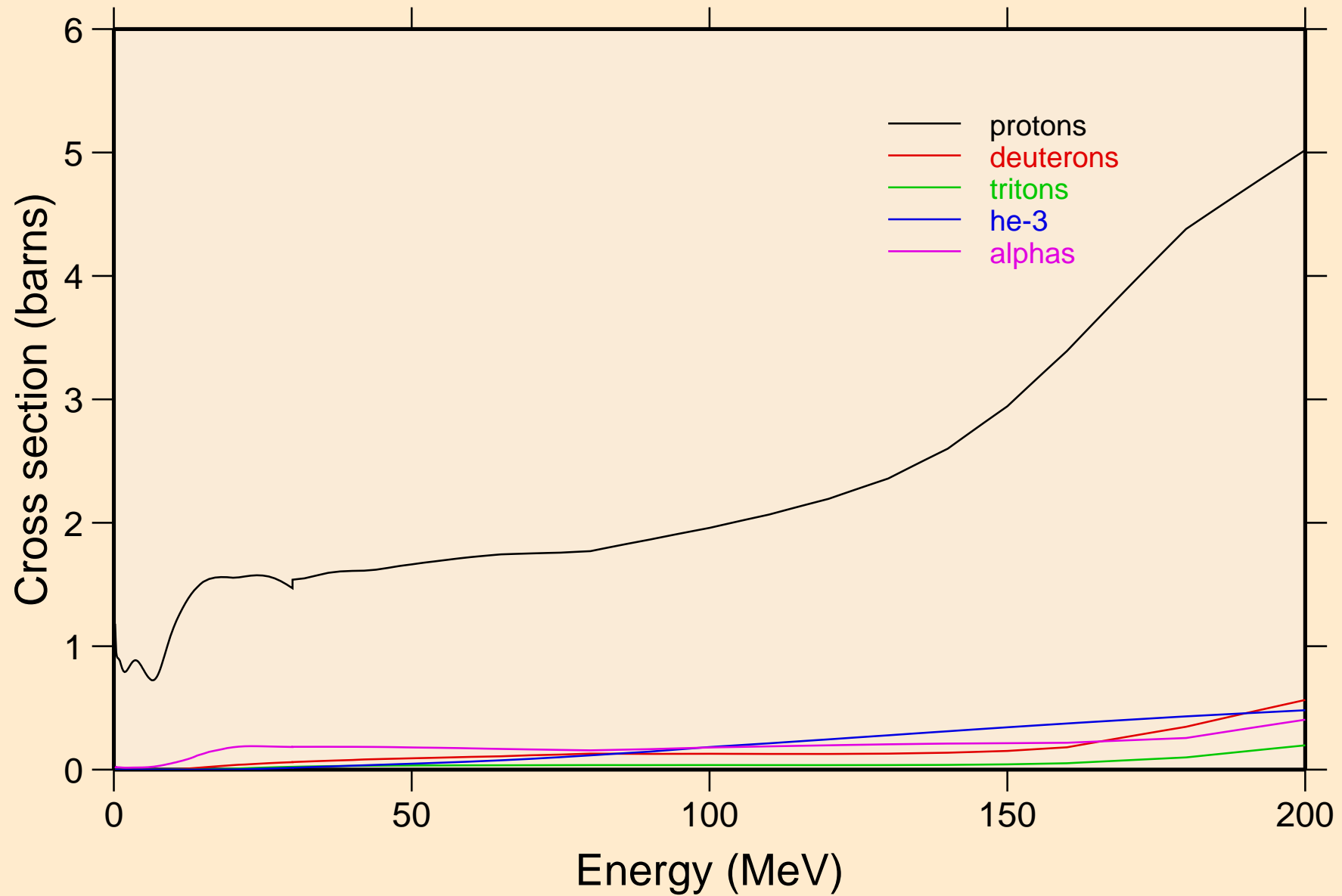
# PM136 NRG TENDL-2015, AKONING

## Recoil Heating

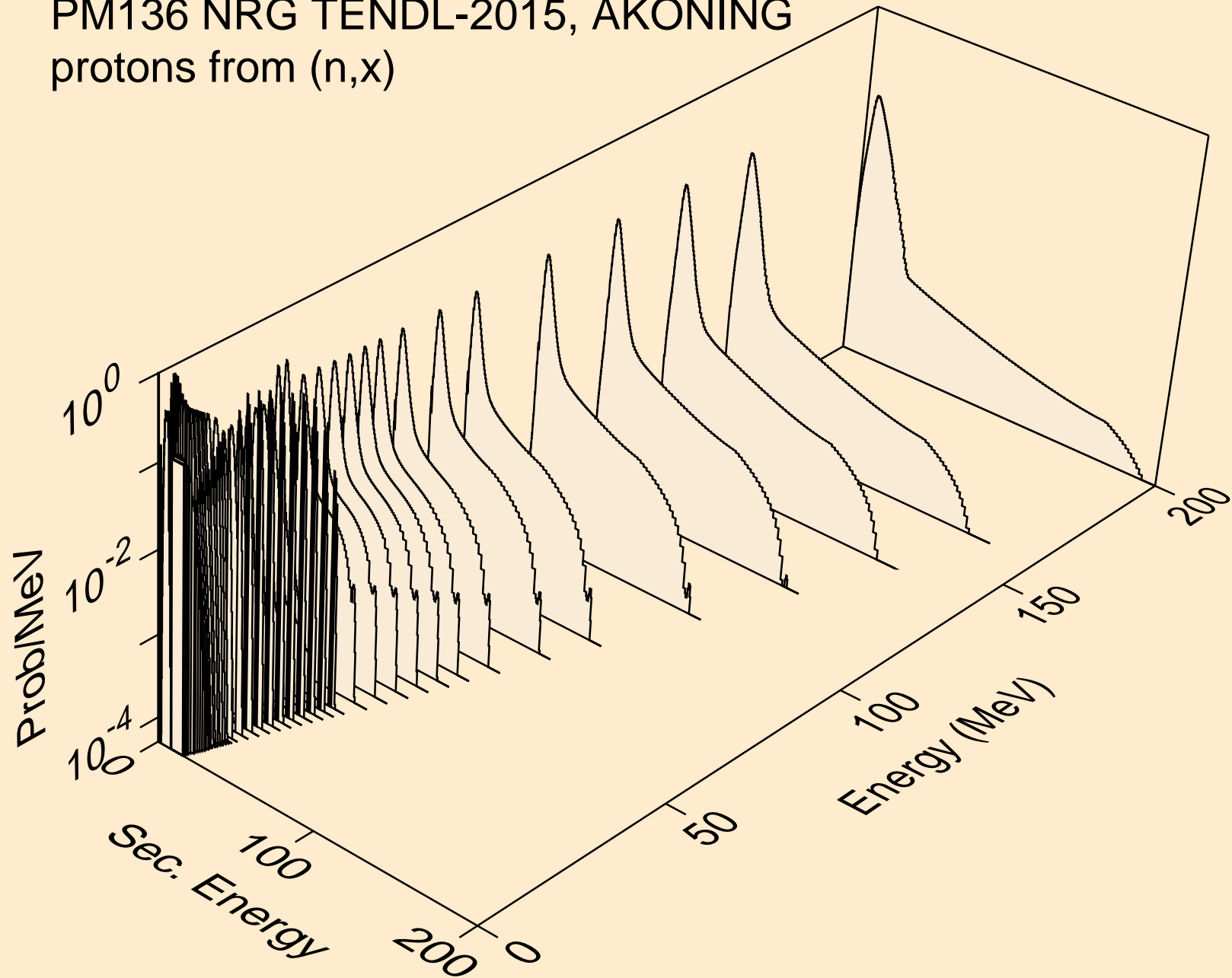


# PM136 NRG TENDL-2015, AKONING

## Particle production cross sections

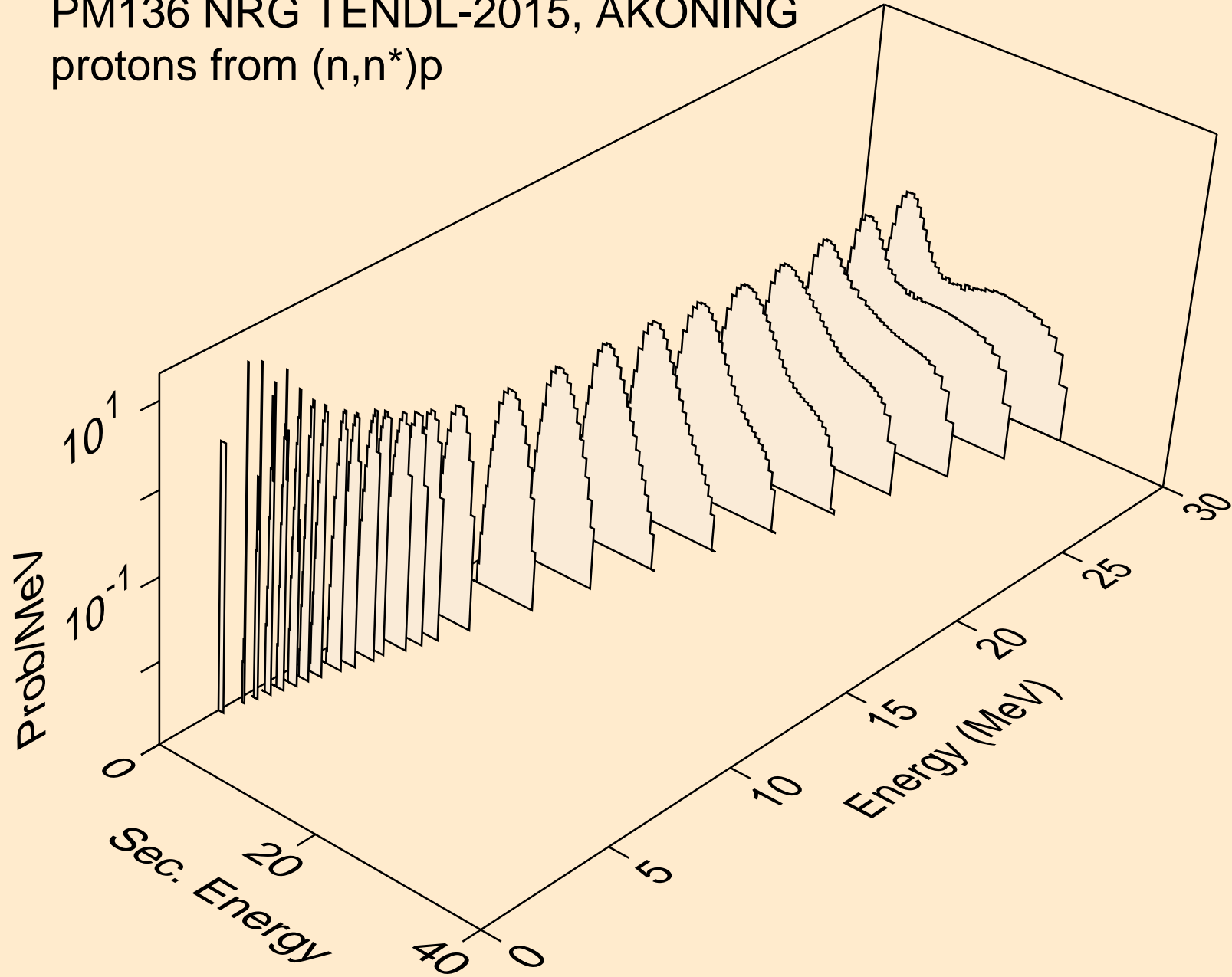


PM136 NRG TENDL-2015, AKONING  
protons from (n,x)

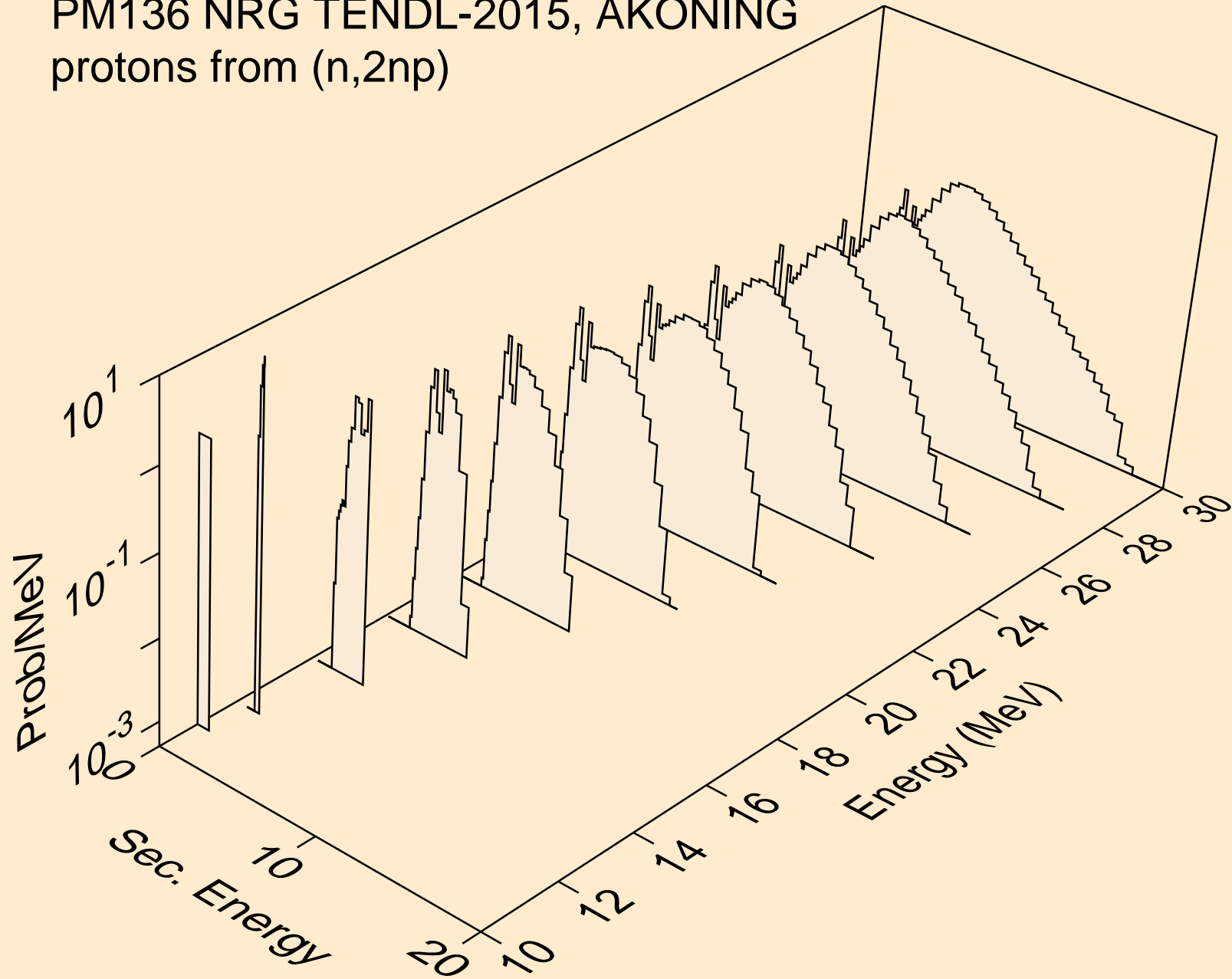




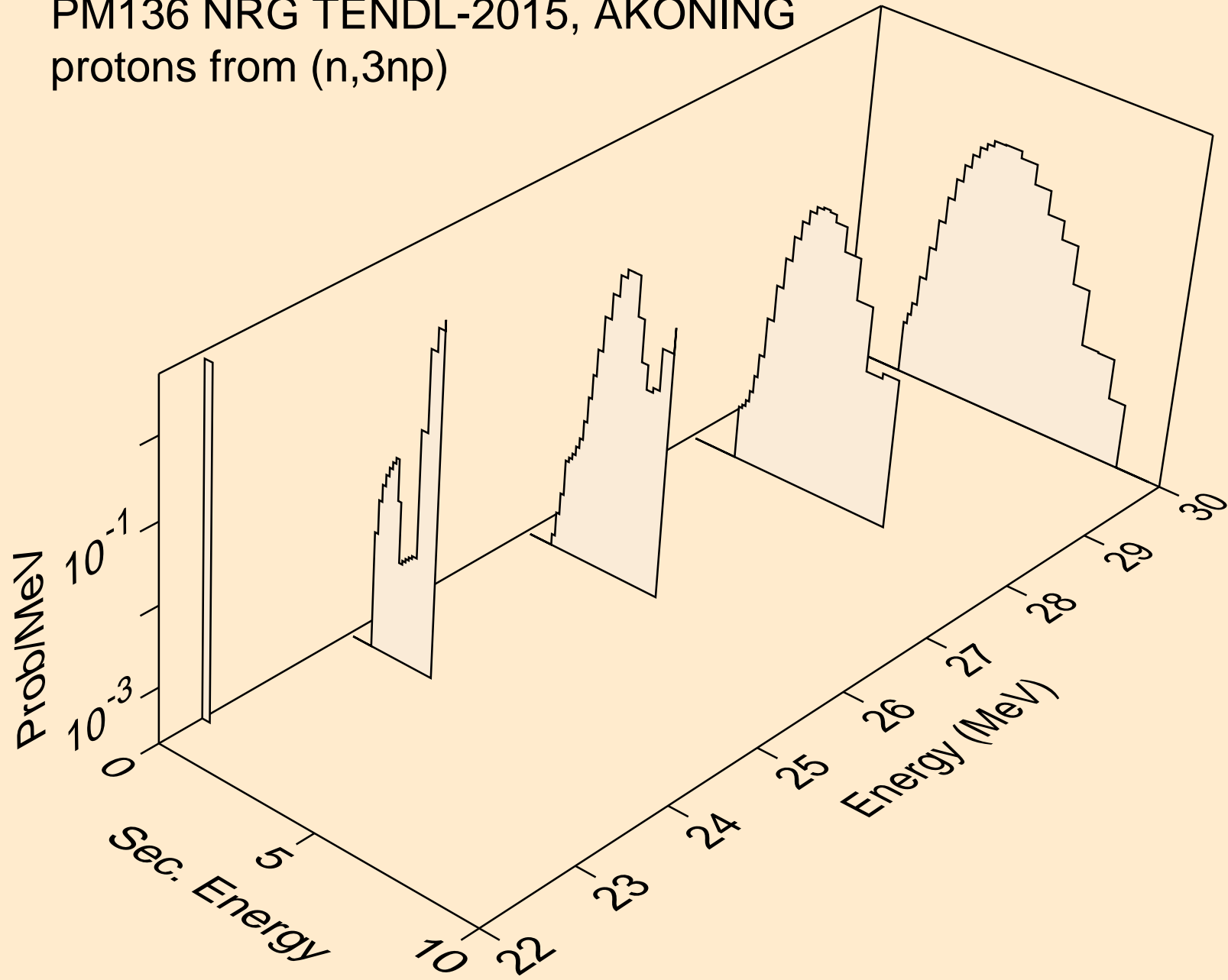
PM136 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



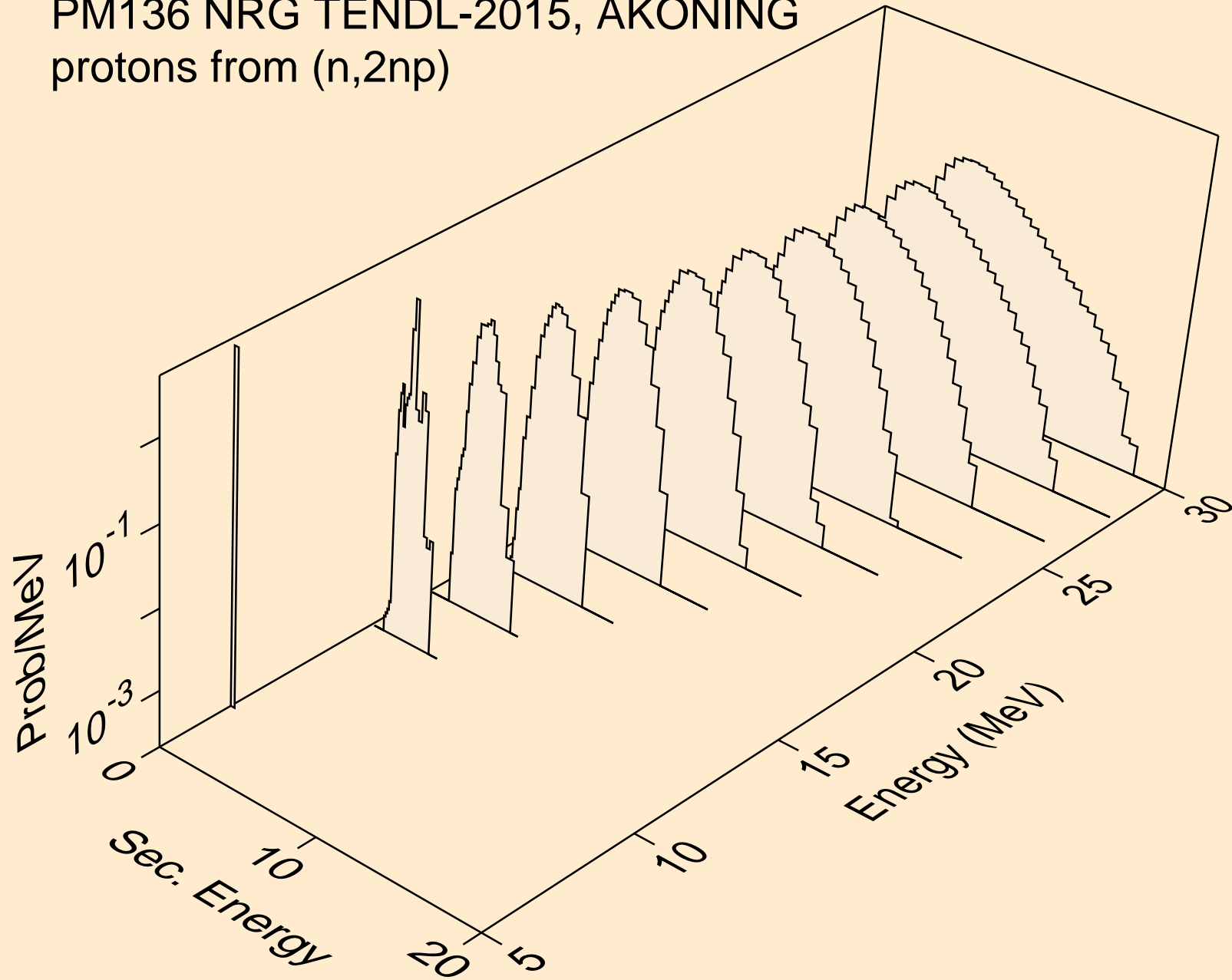
PM136 NRG TENDL-2015, AKONING  
protons from (n,2np)



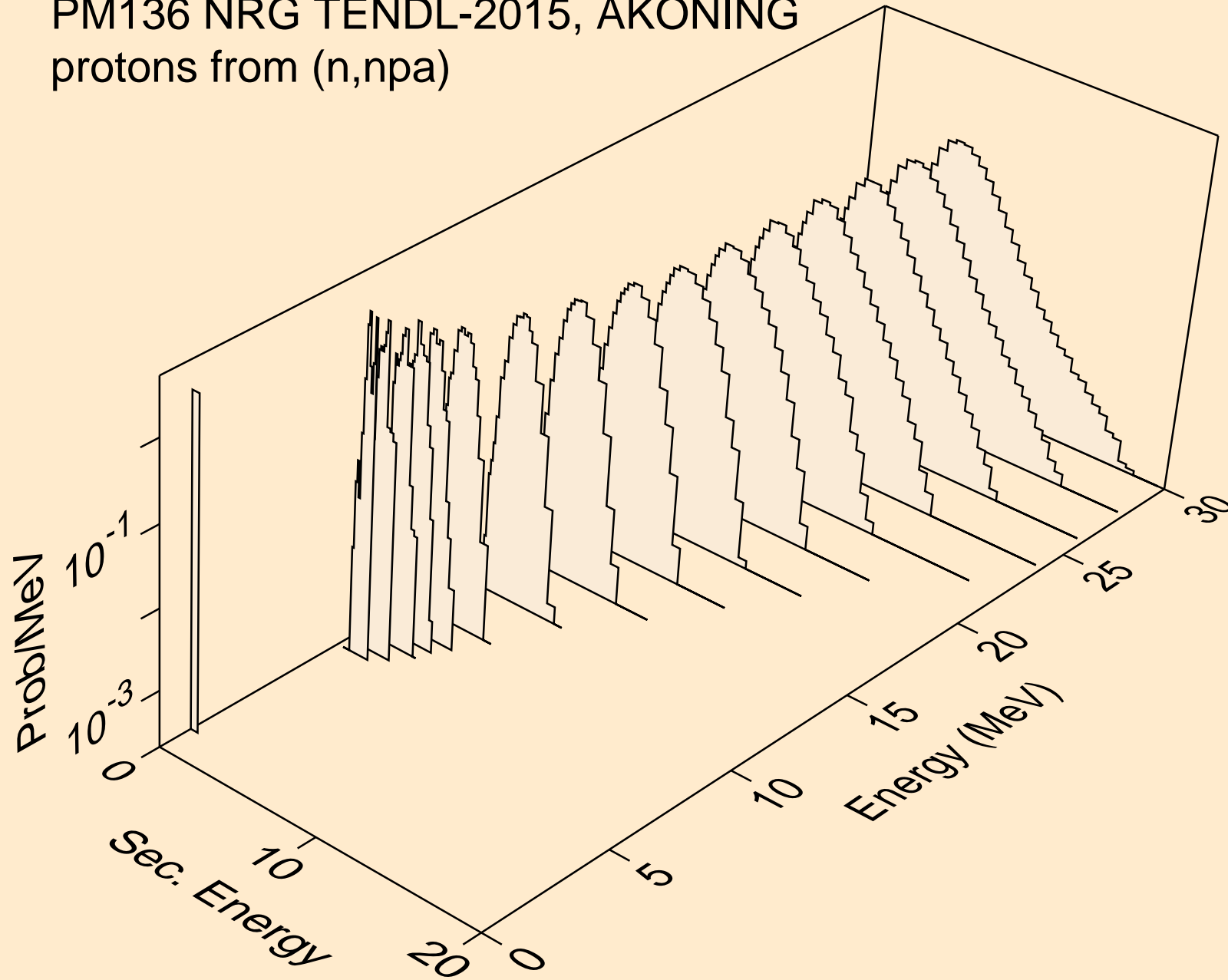
PM136 NRG TENDL-2015, AKONING  
protons from (n,3np)



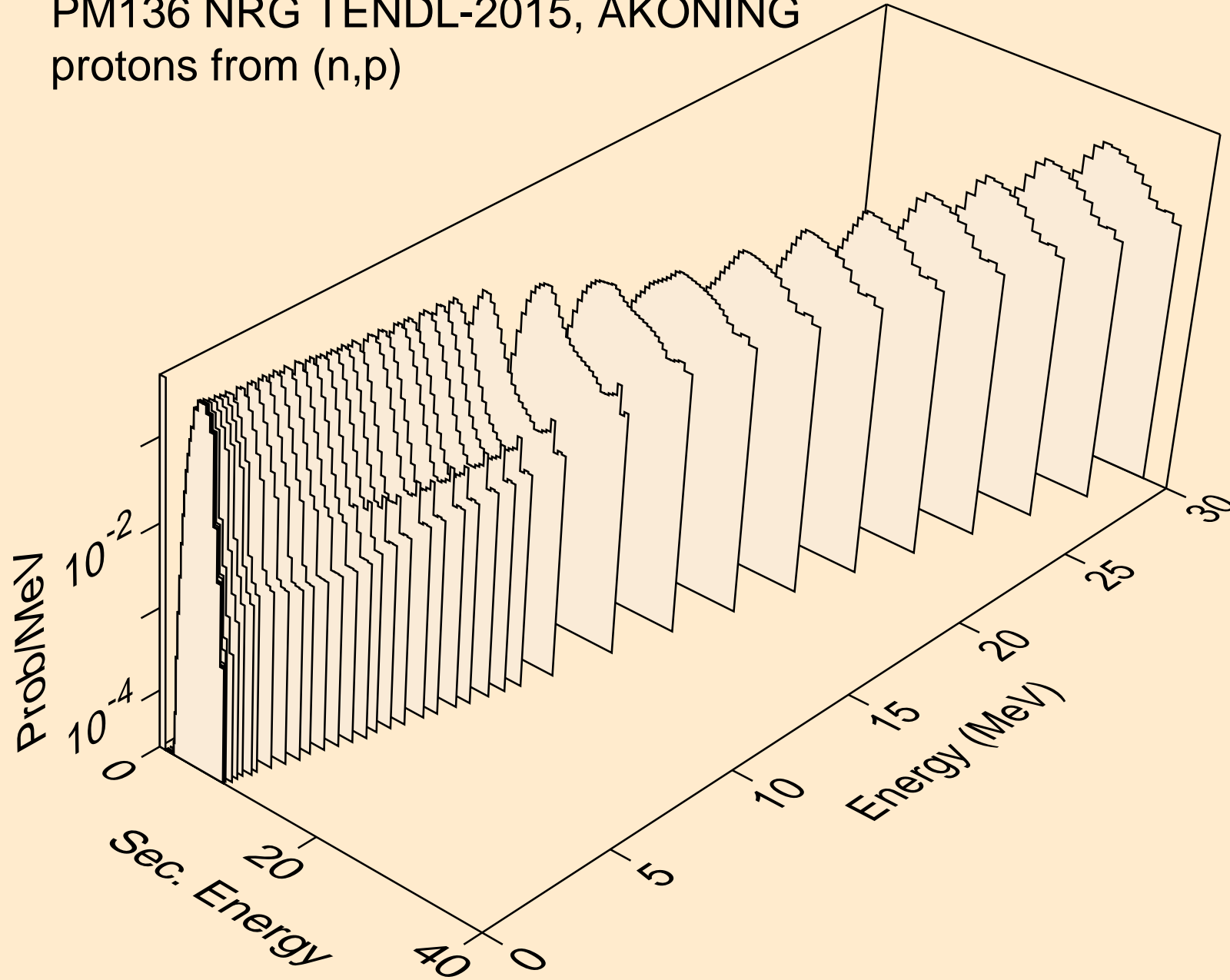
PM136 NRG TENDL-2015, AKONING  
protons from (n,2np)



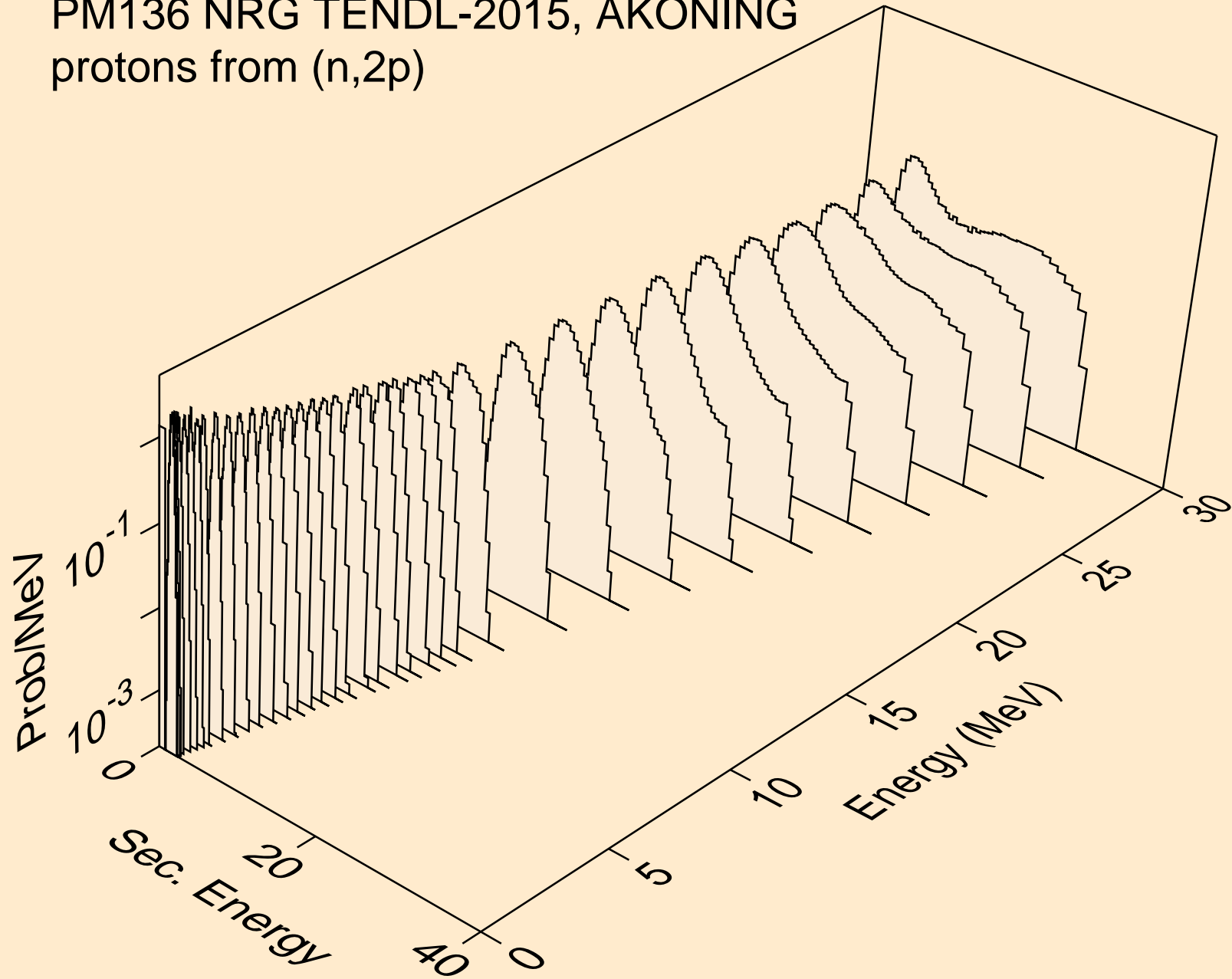
PM136 NRG TENDL-2015, AKONING  
protons from (n,npa)



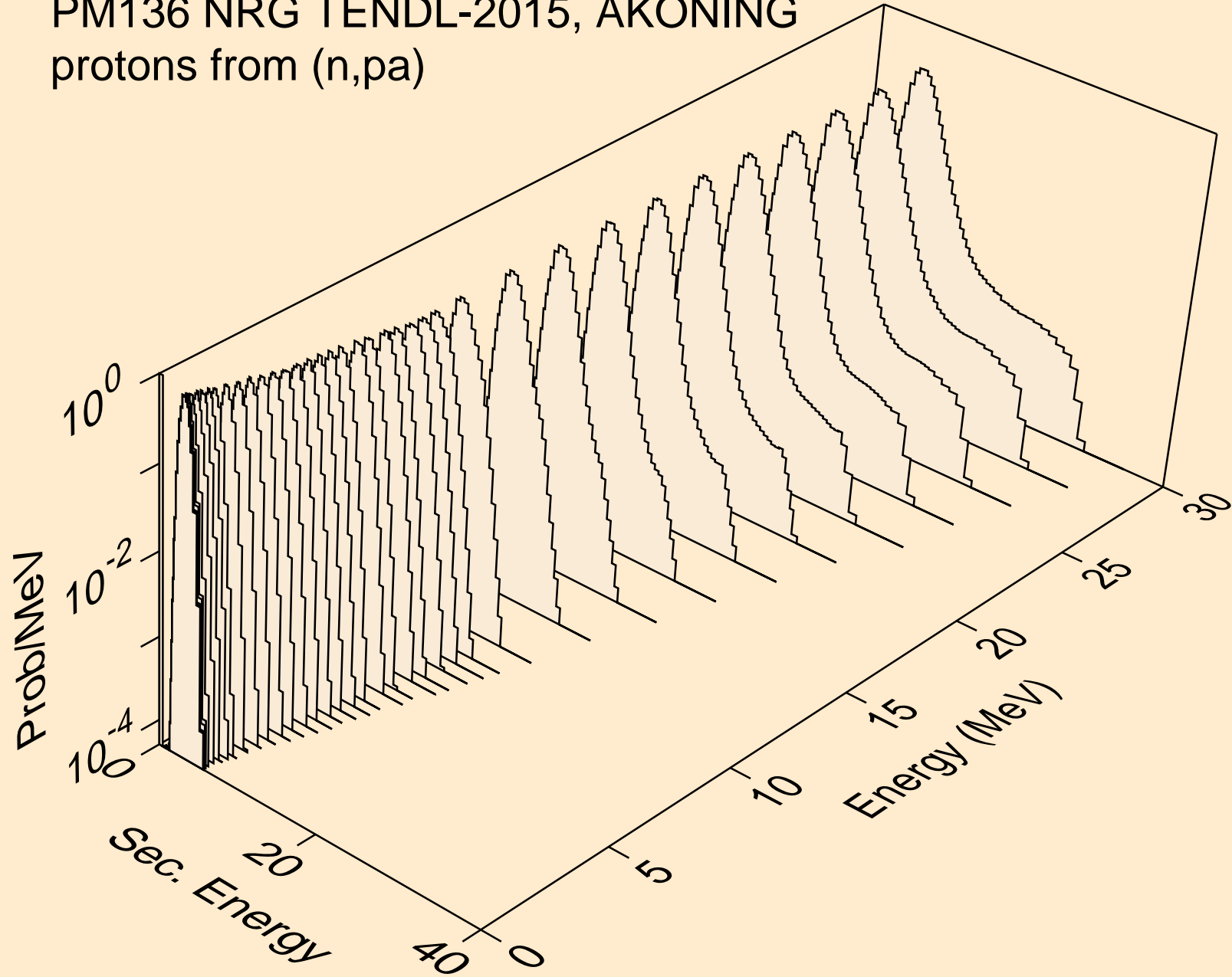
PM136 NRG TENDL-2015, AKONING  
protons from (n,p)



PM136 NRG TENDL-2015, AKONING  
protons from (n,2p)

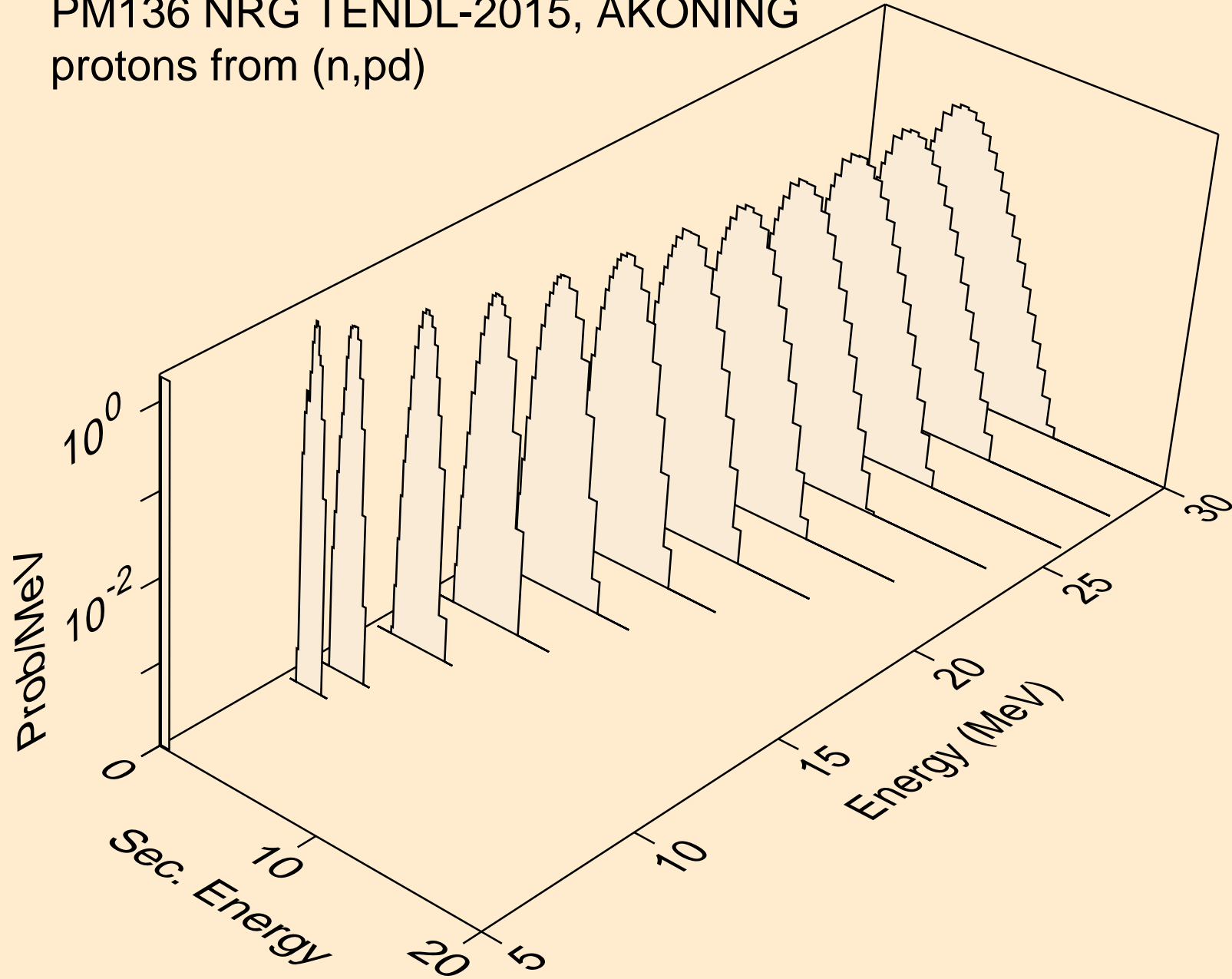


PM136 NRG TENDL-2015, AKONING  
protons from (n,pa)

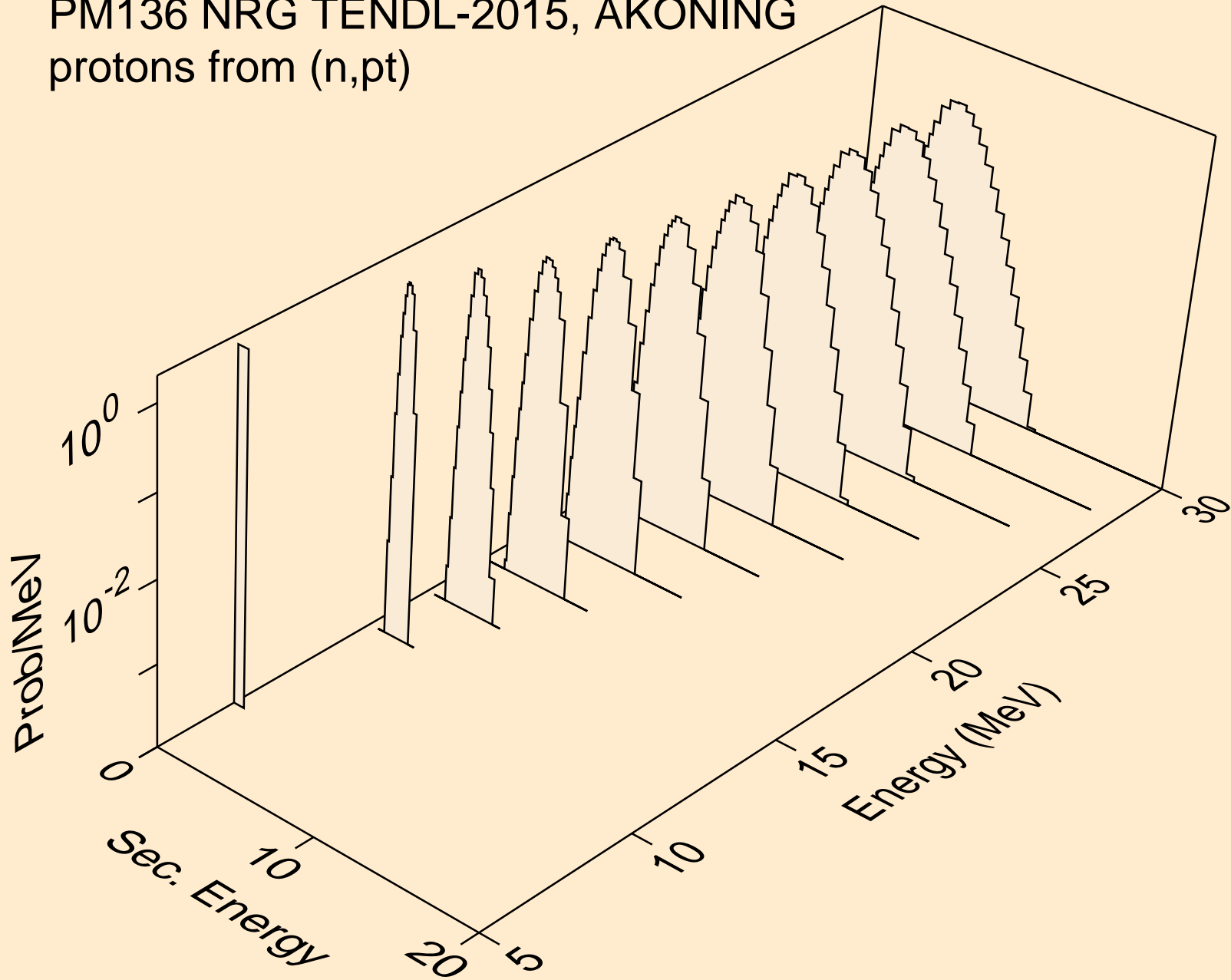




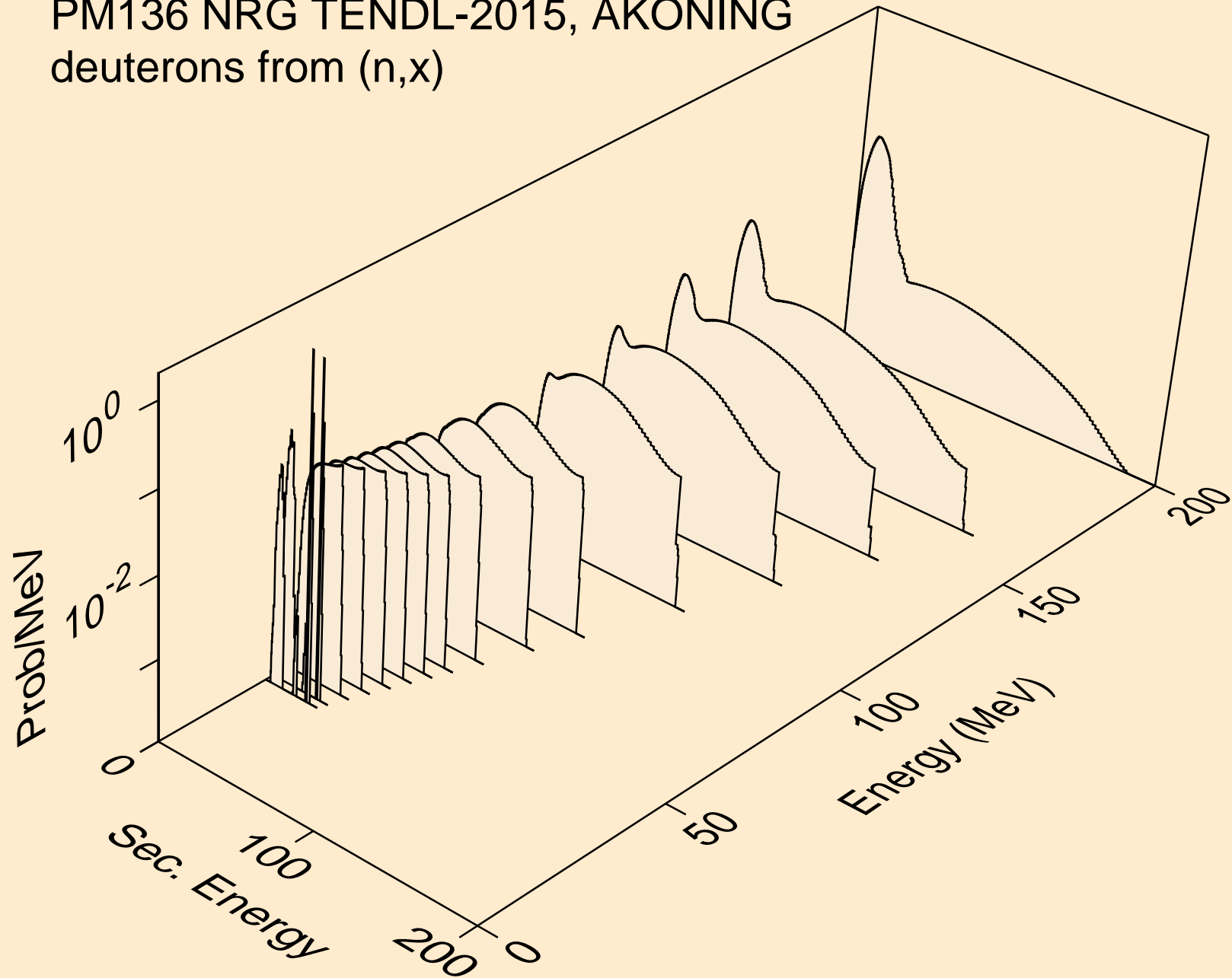
PM136 NRG TENDL-2015, AKONING  
protons from (n,pd)



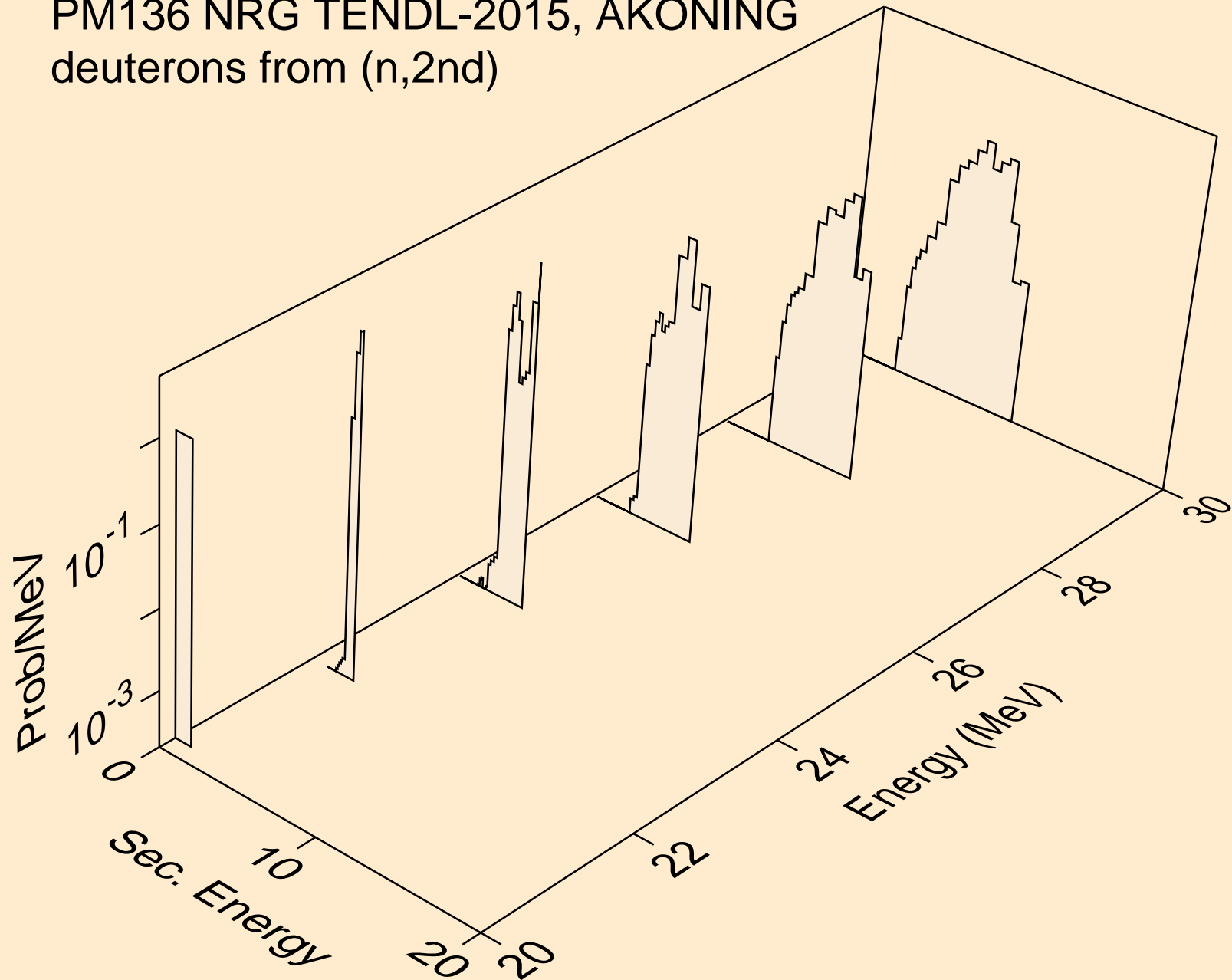
PM136 NRG TENDL-2015, AKONING  
protons from (n,pt)



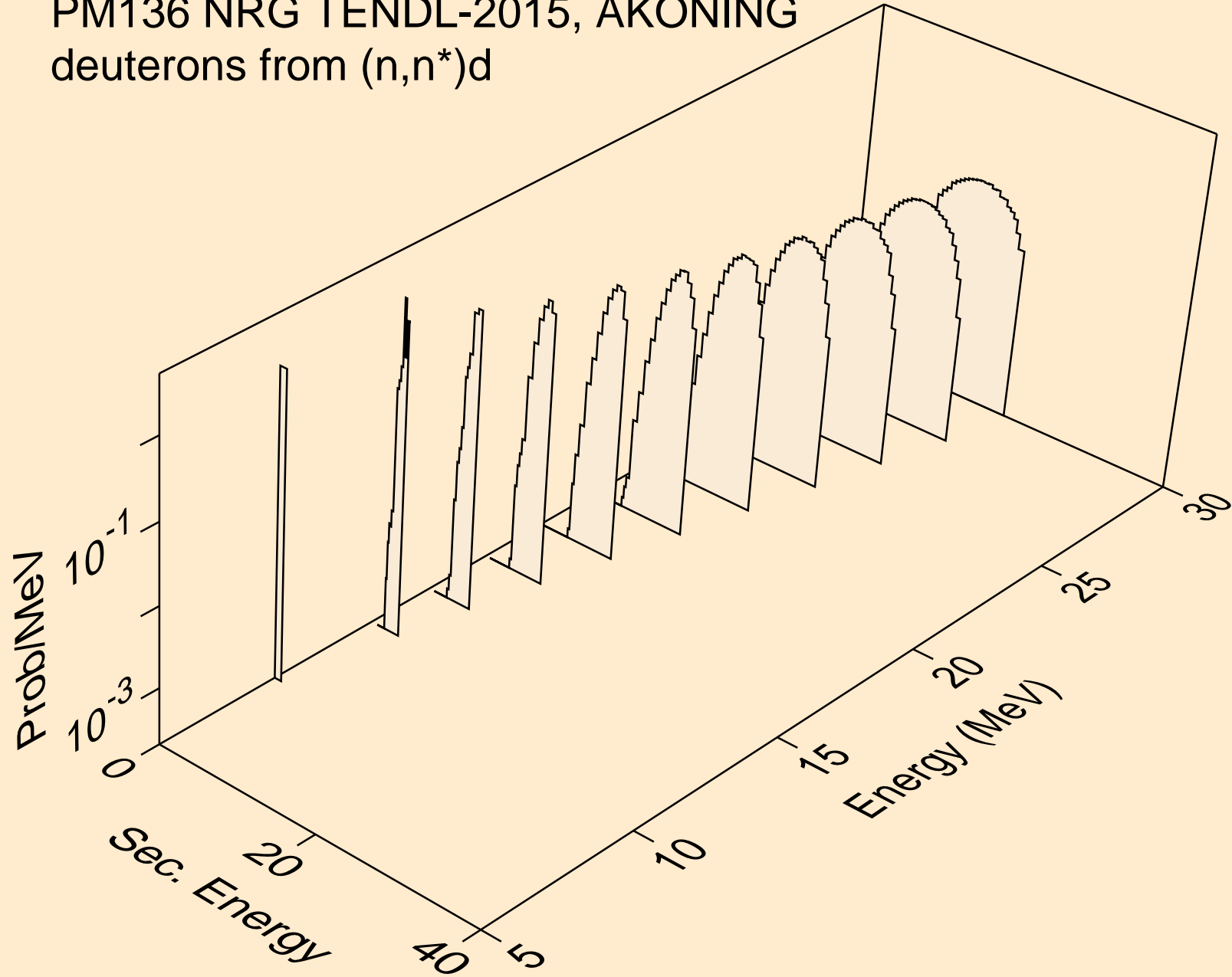
PM136 NRG TENDL-2015, AKONING  
deuterons from (n,x)



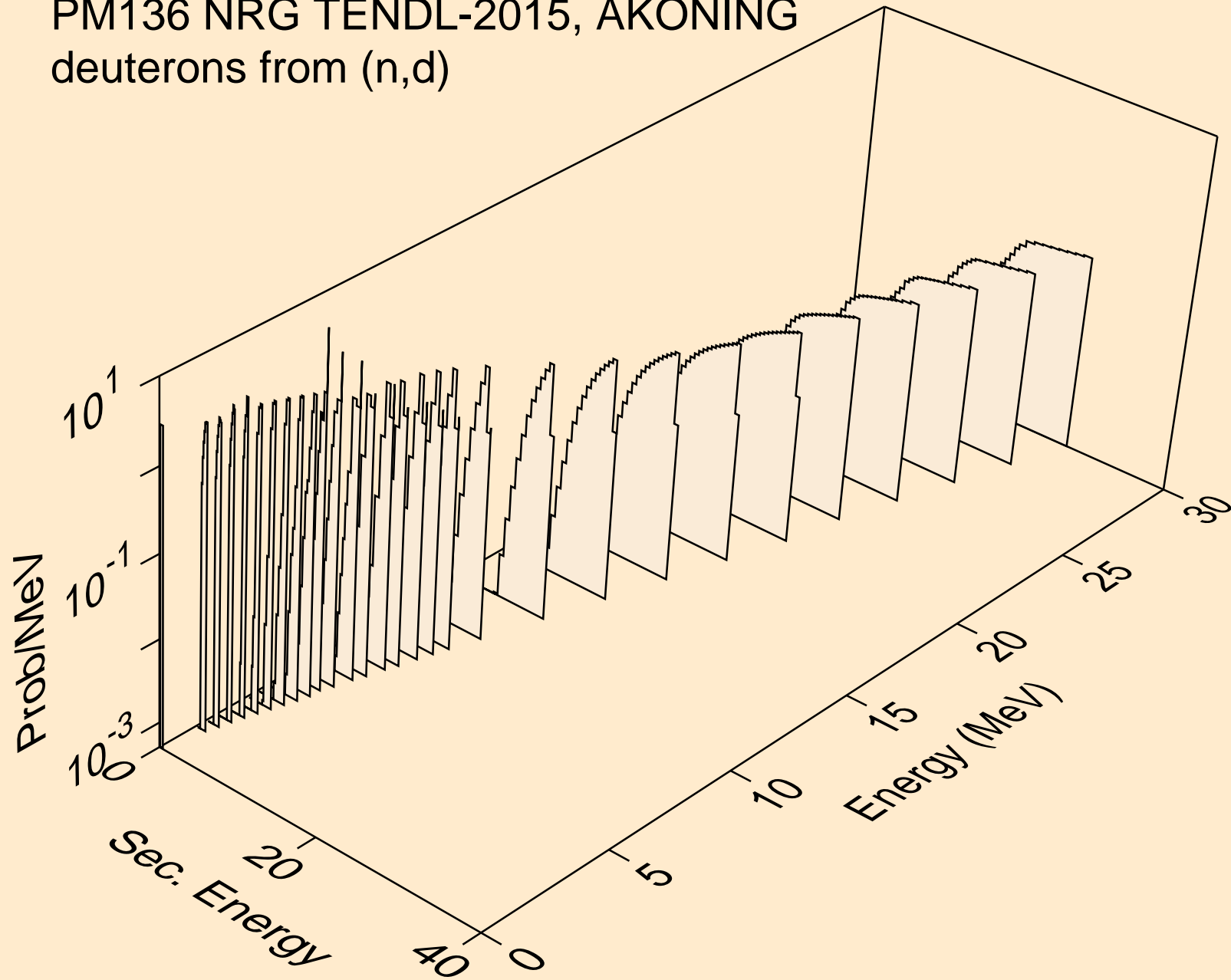
PM136 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



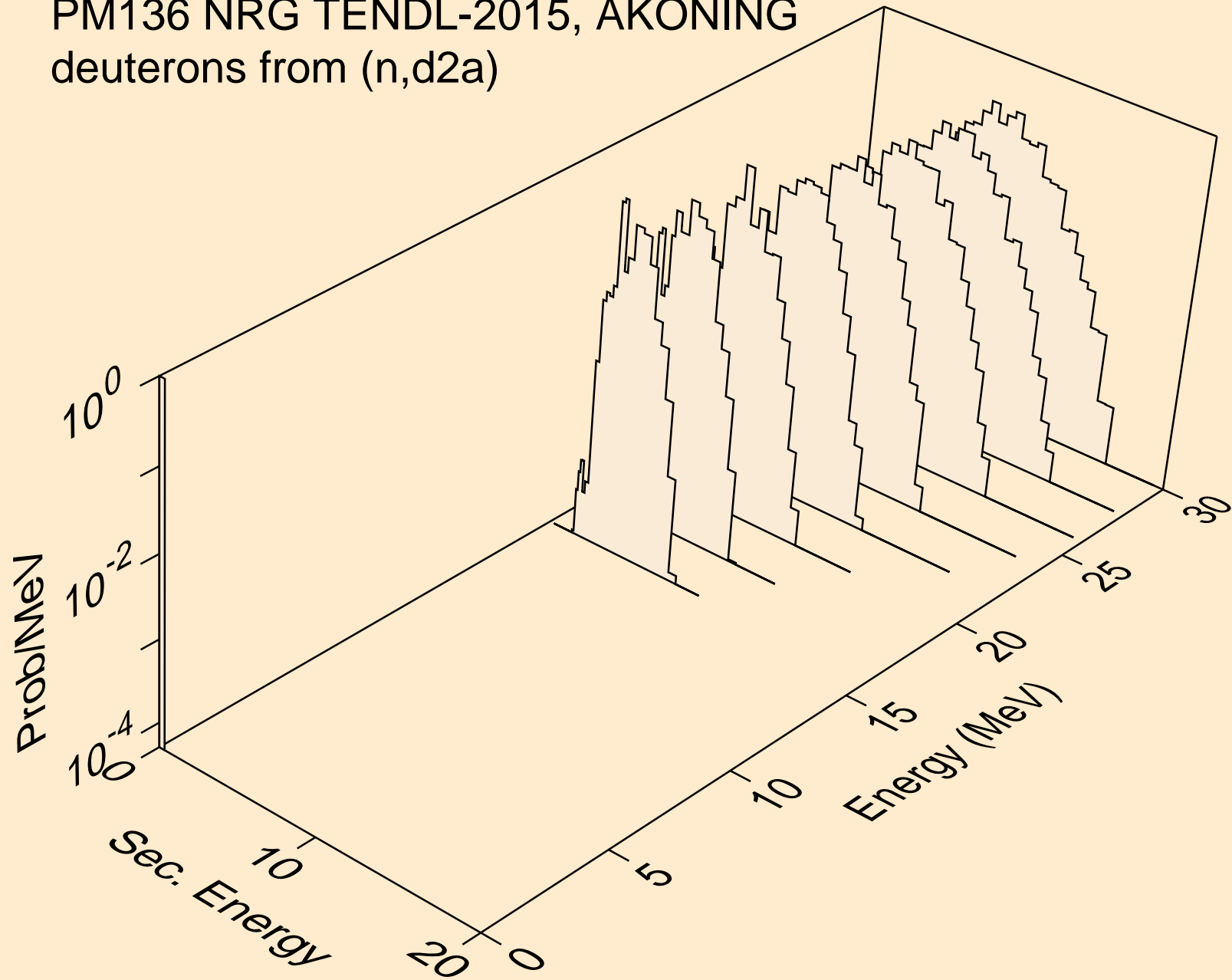
PM136 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



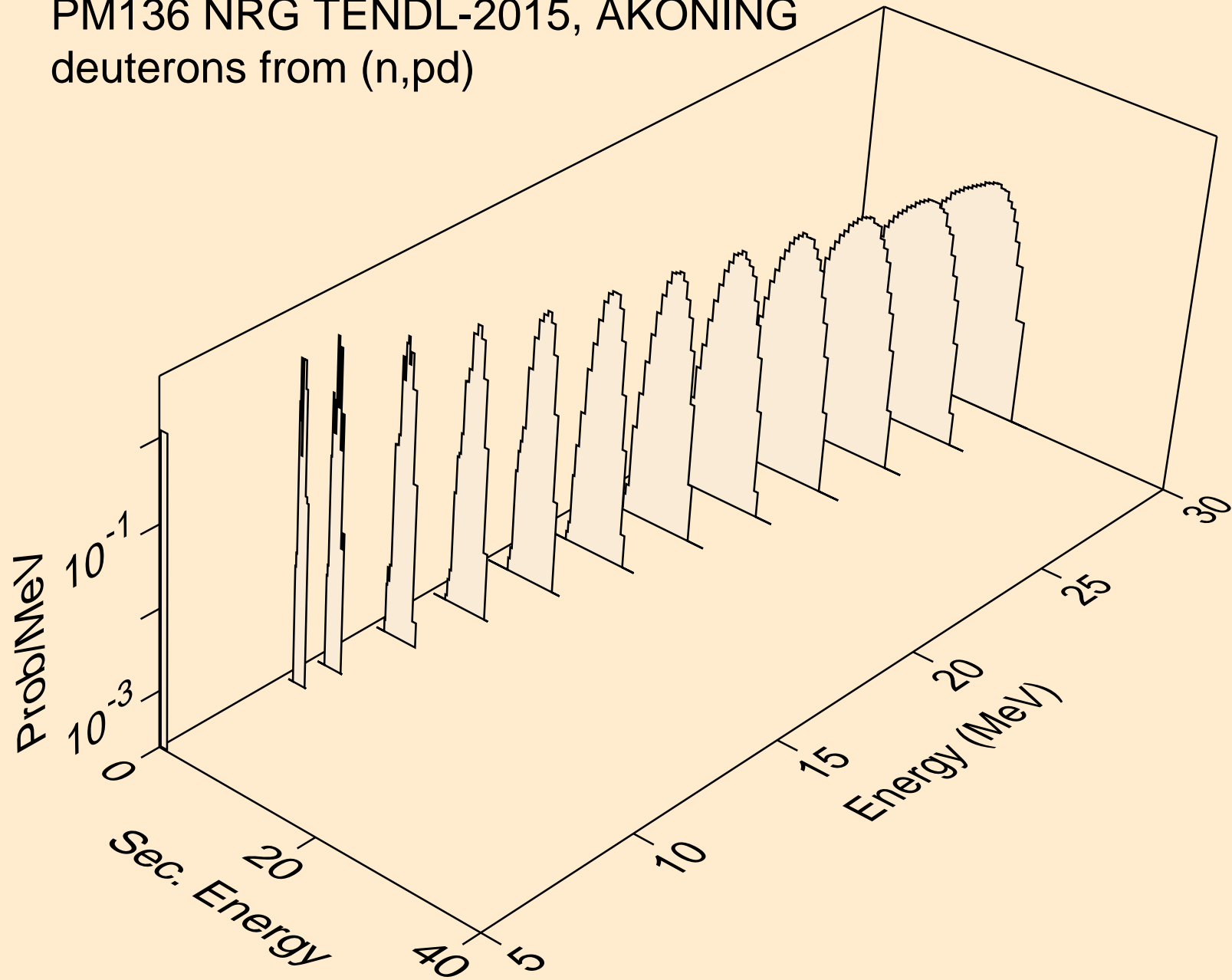
PM136 NRG TENDL-2015, AKONING  
deuterons from (n,d)



PM136 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)

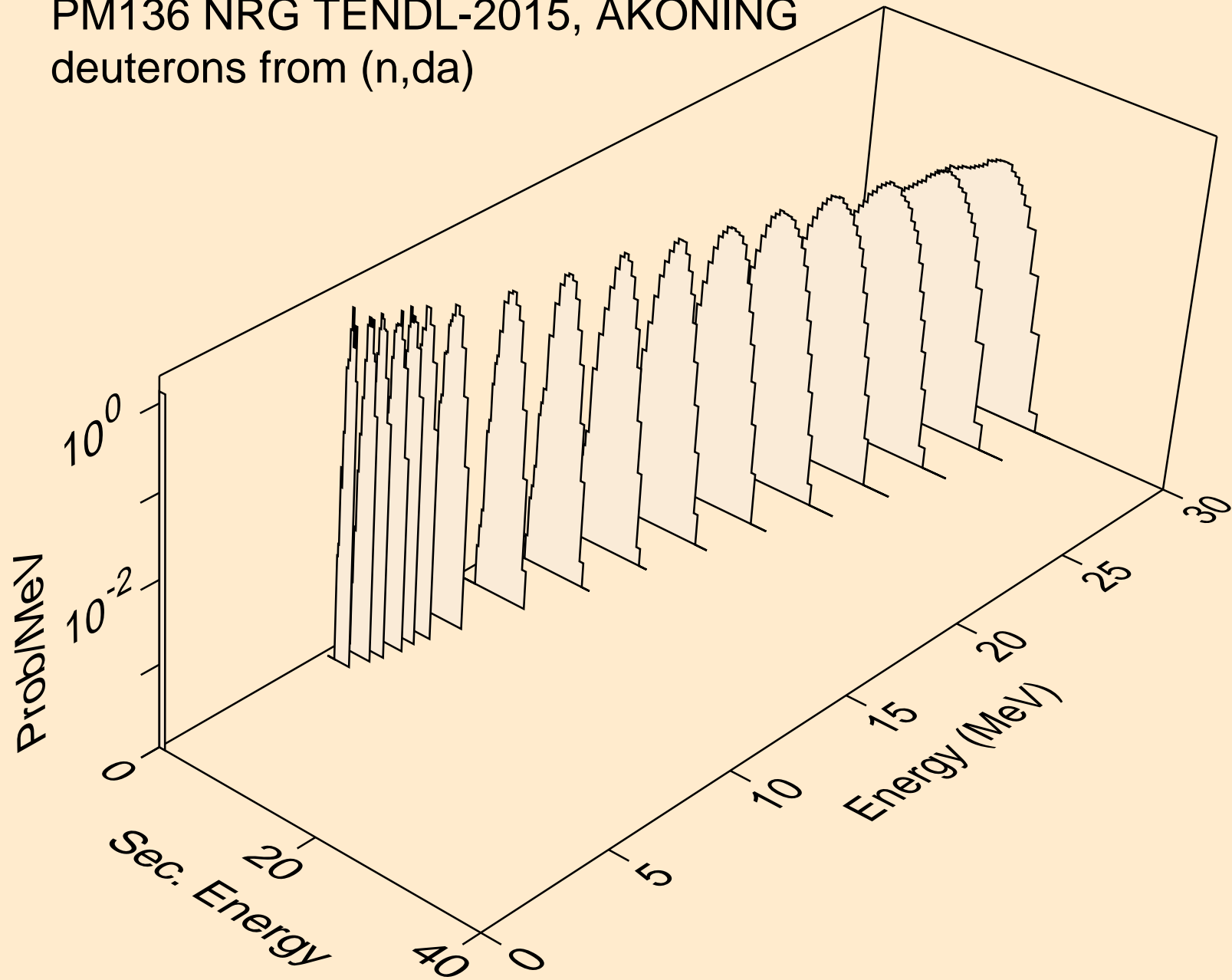


PM136 NRG TENDL-2015, AKONING  
deuterons from (n,pd)

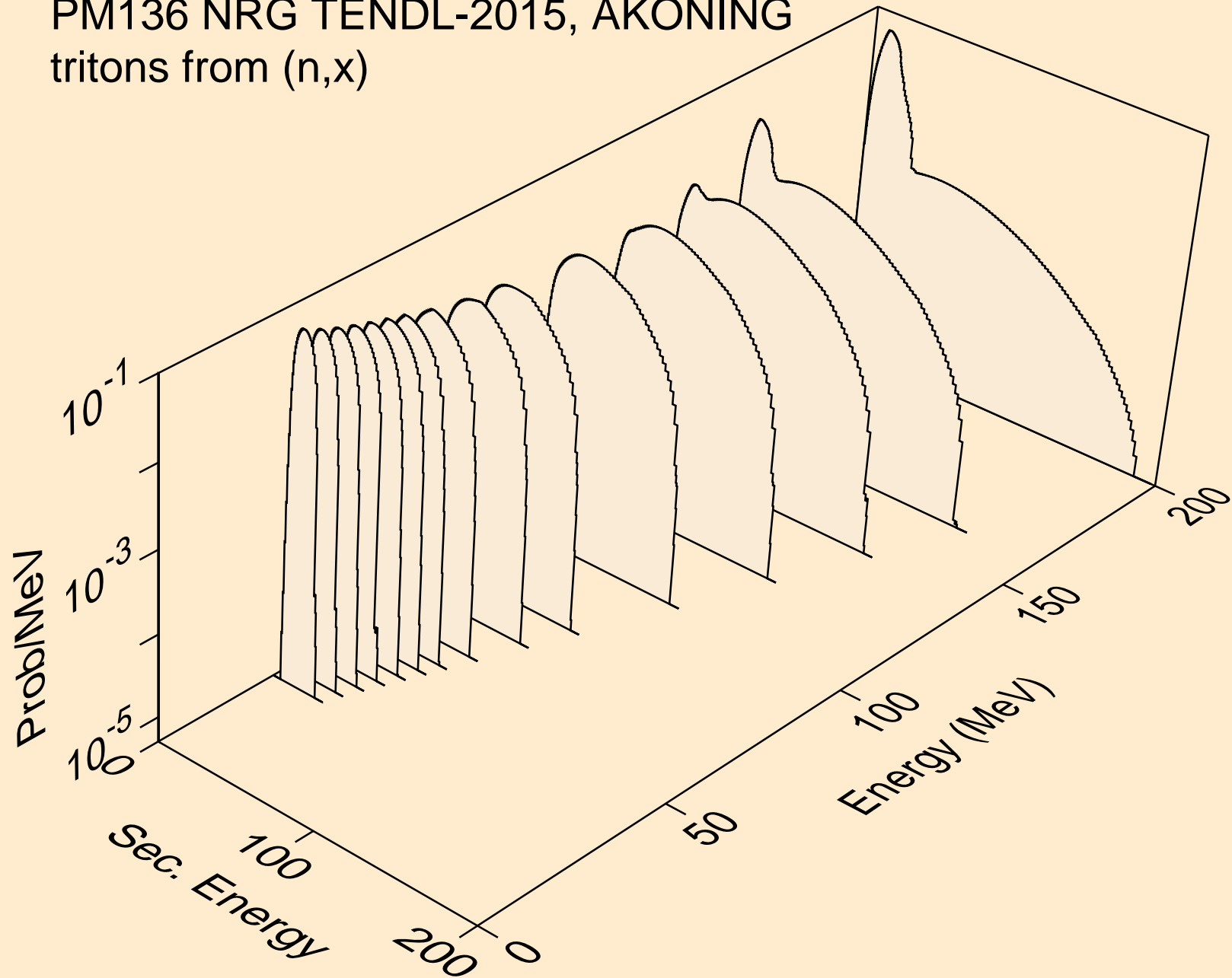




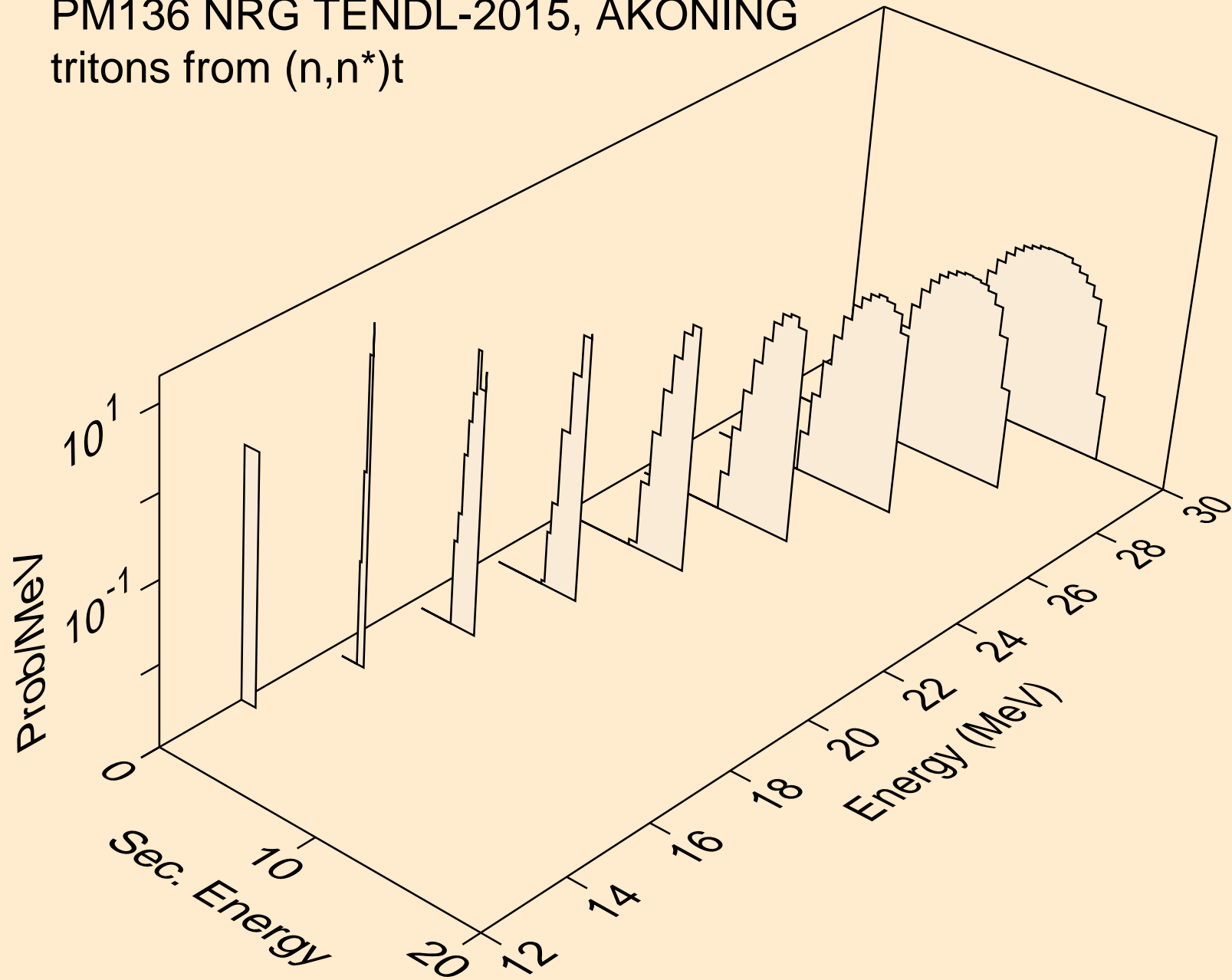
PM136 NRG TENDL-2015, AKONING  
deuterons from (n,da)



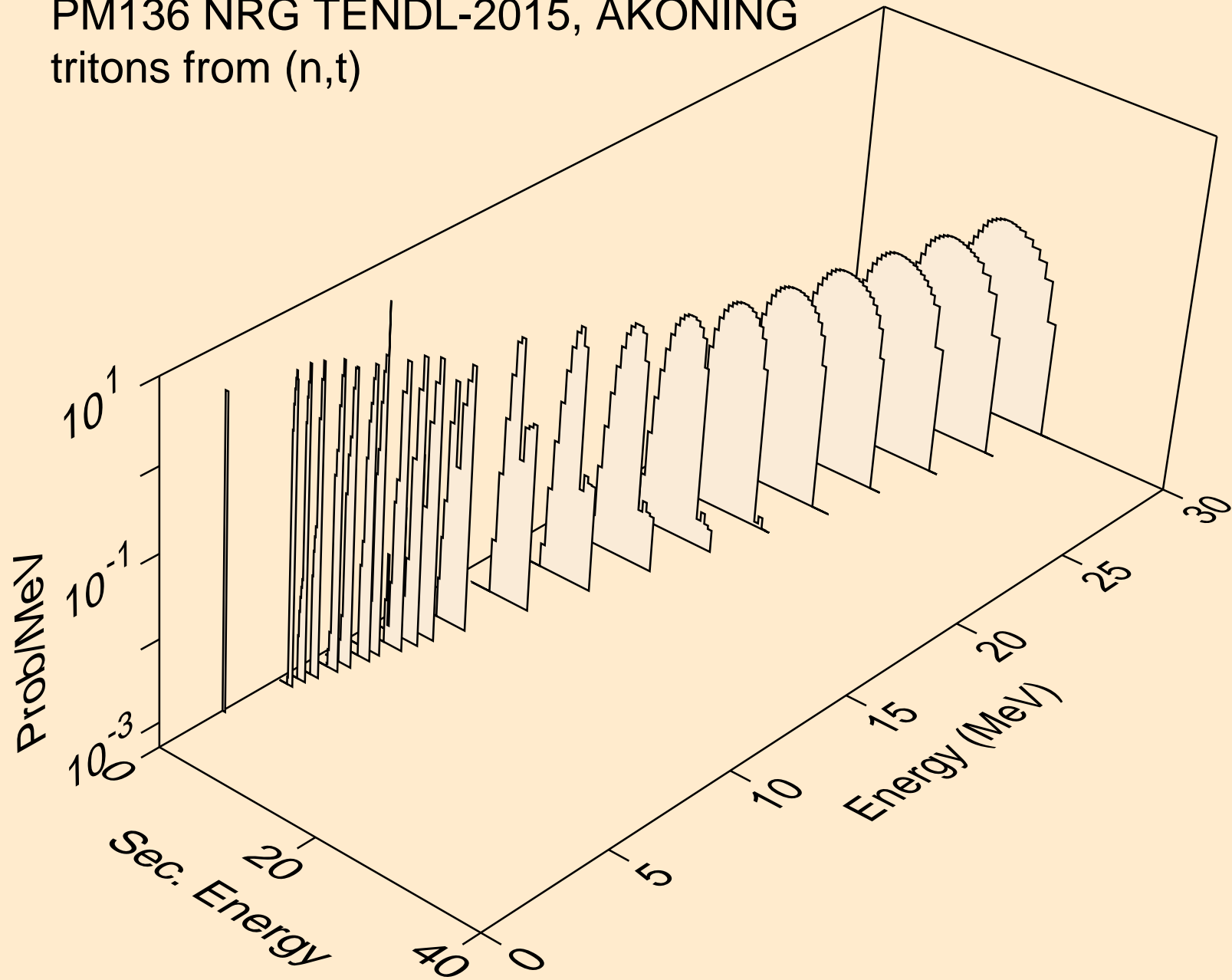
PM136 NRG TENDL-2015, AKONING  
tritons from (n,x)



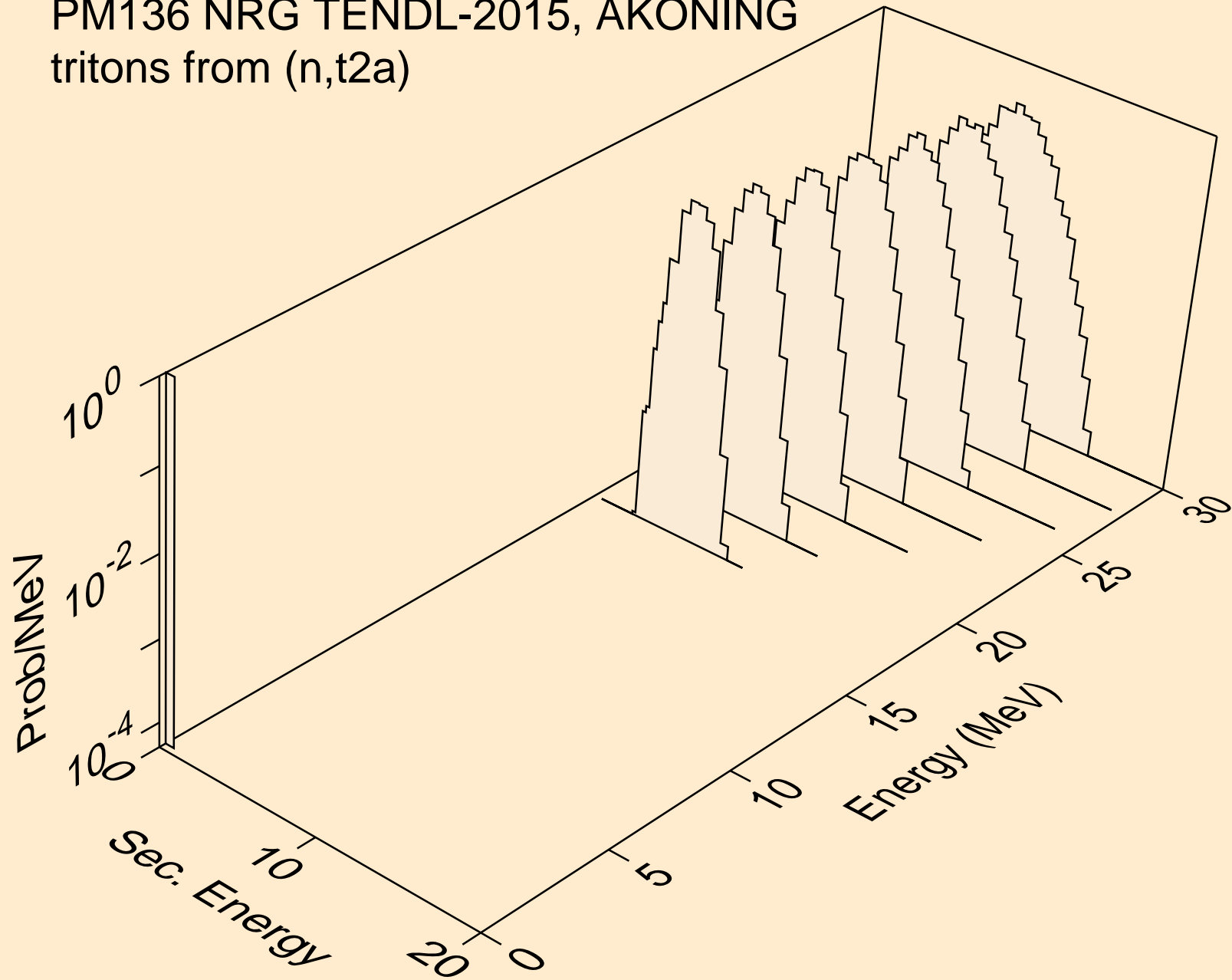
PM136 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



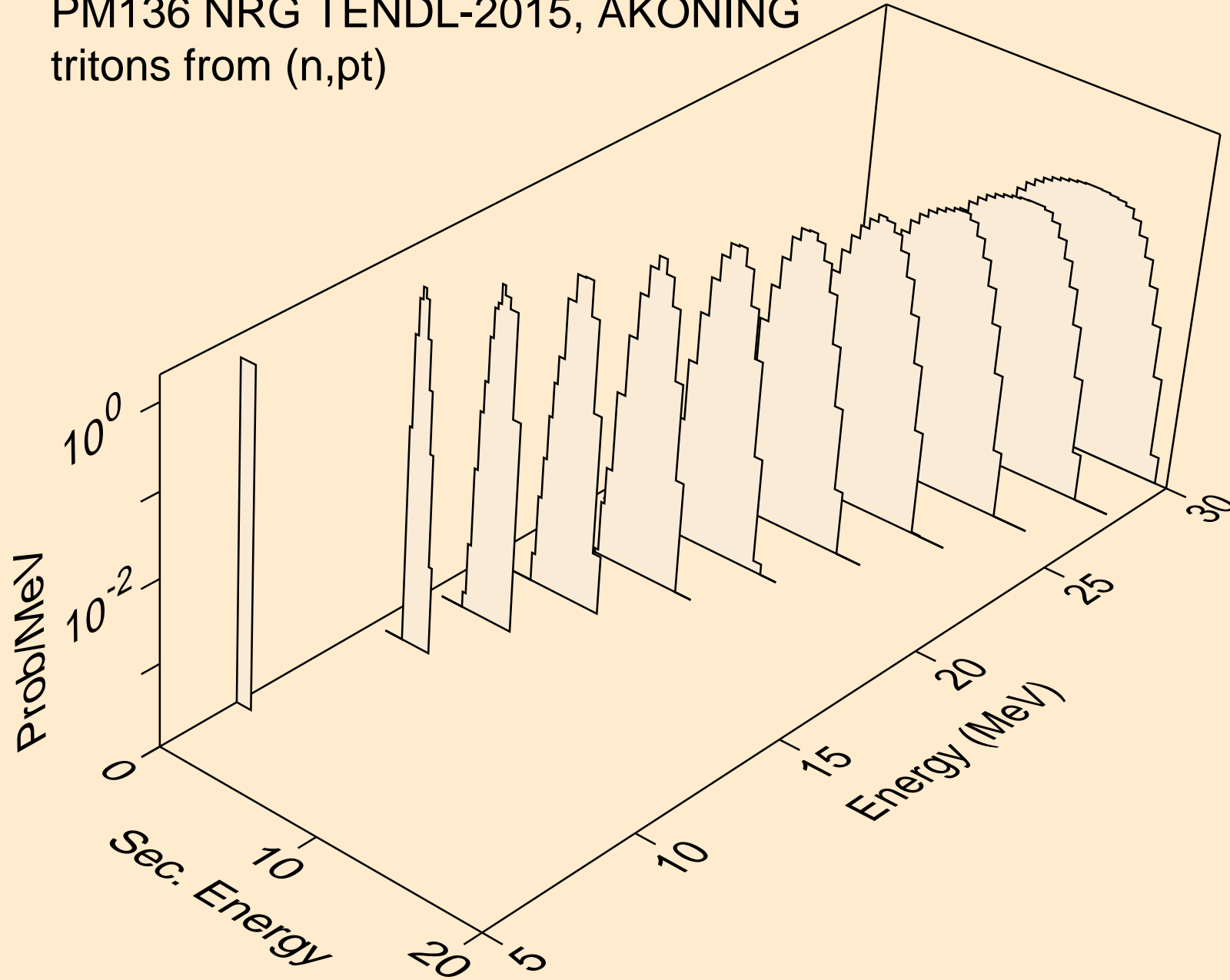
PM136 NRG TENDL-2015, AKONING  
tritons from (n,t)



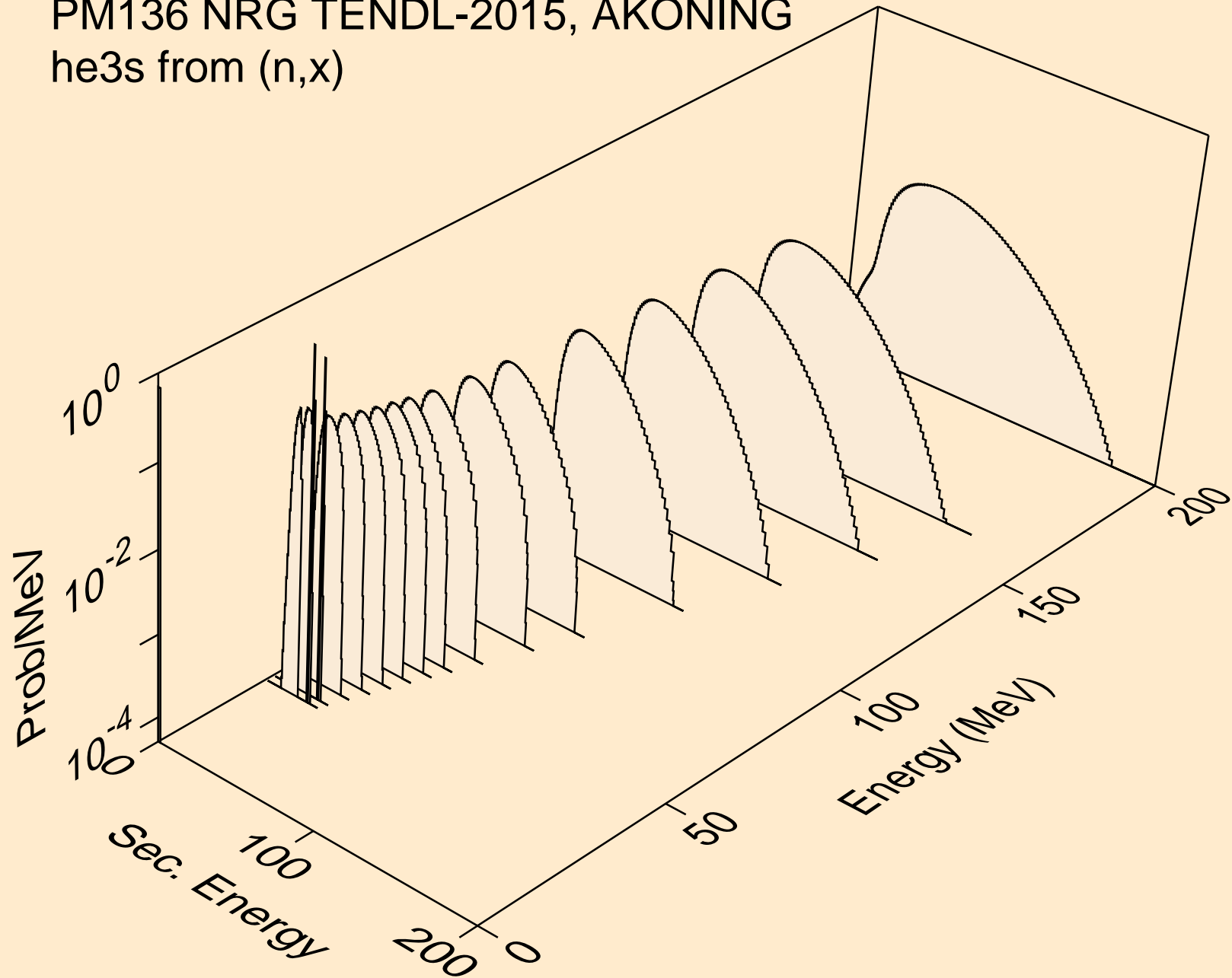
PM136 NRG TENDL-2015, AKONING  
tritons from (n,t2a)



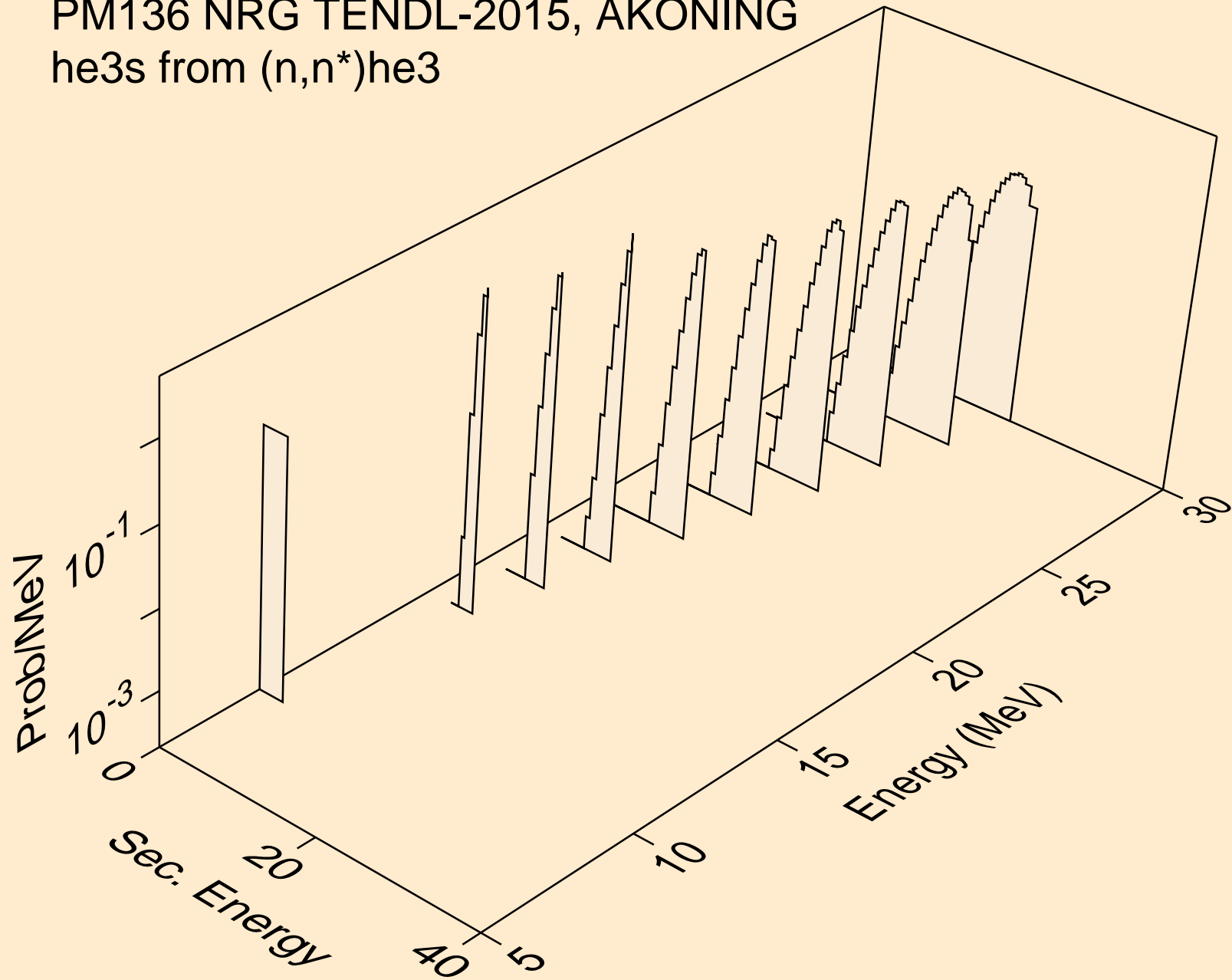
PM136 NRG TENDL-2015, AKONING  
tritons from (n,pt)



PM136 NRG TENDL-2015, AKONING  
he3s from (n,x)

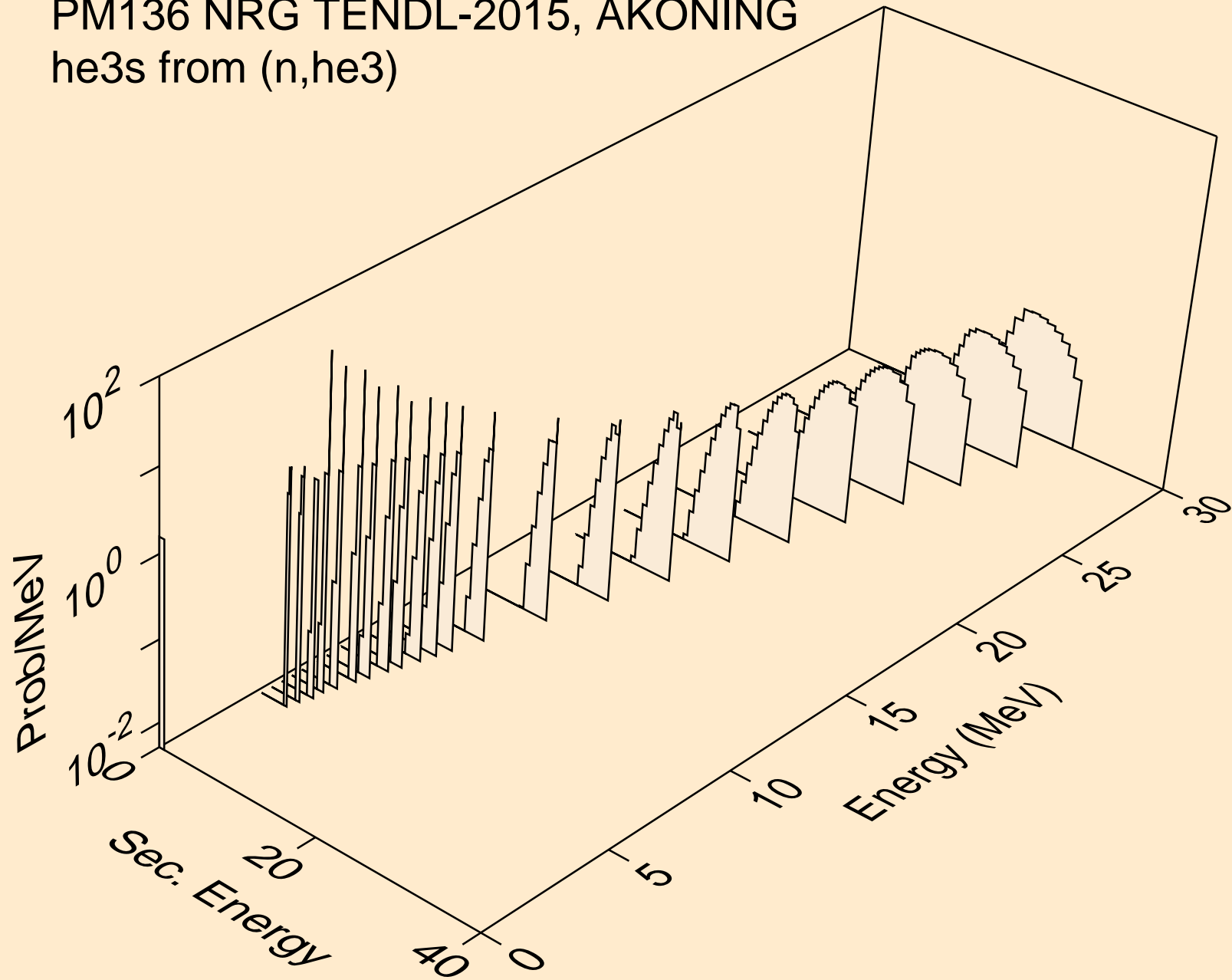


PM136 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

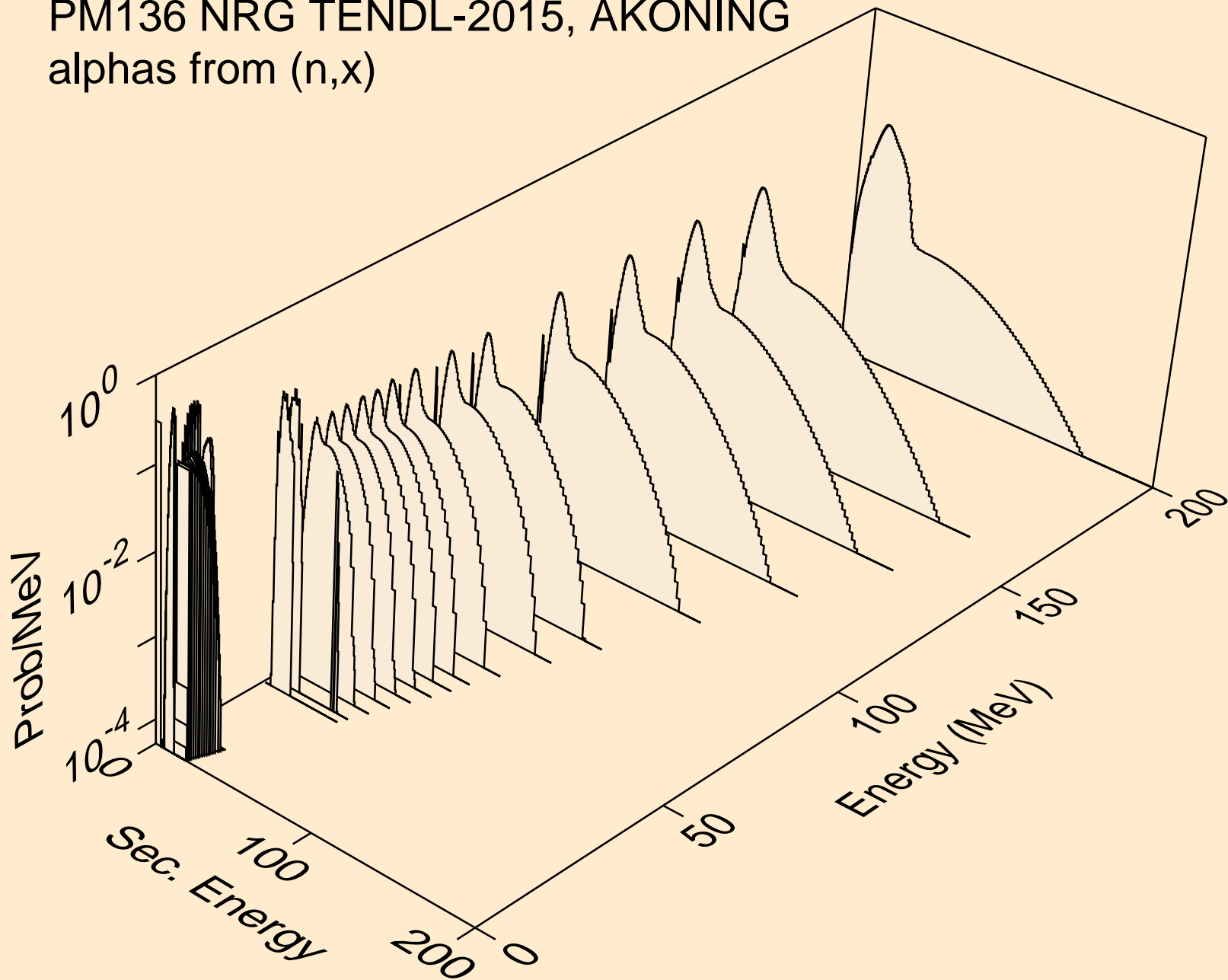




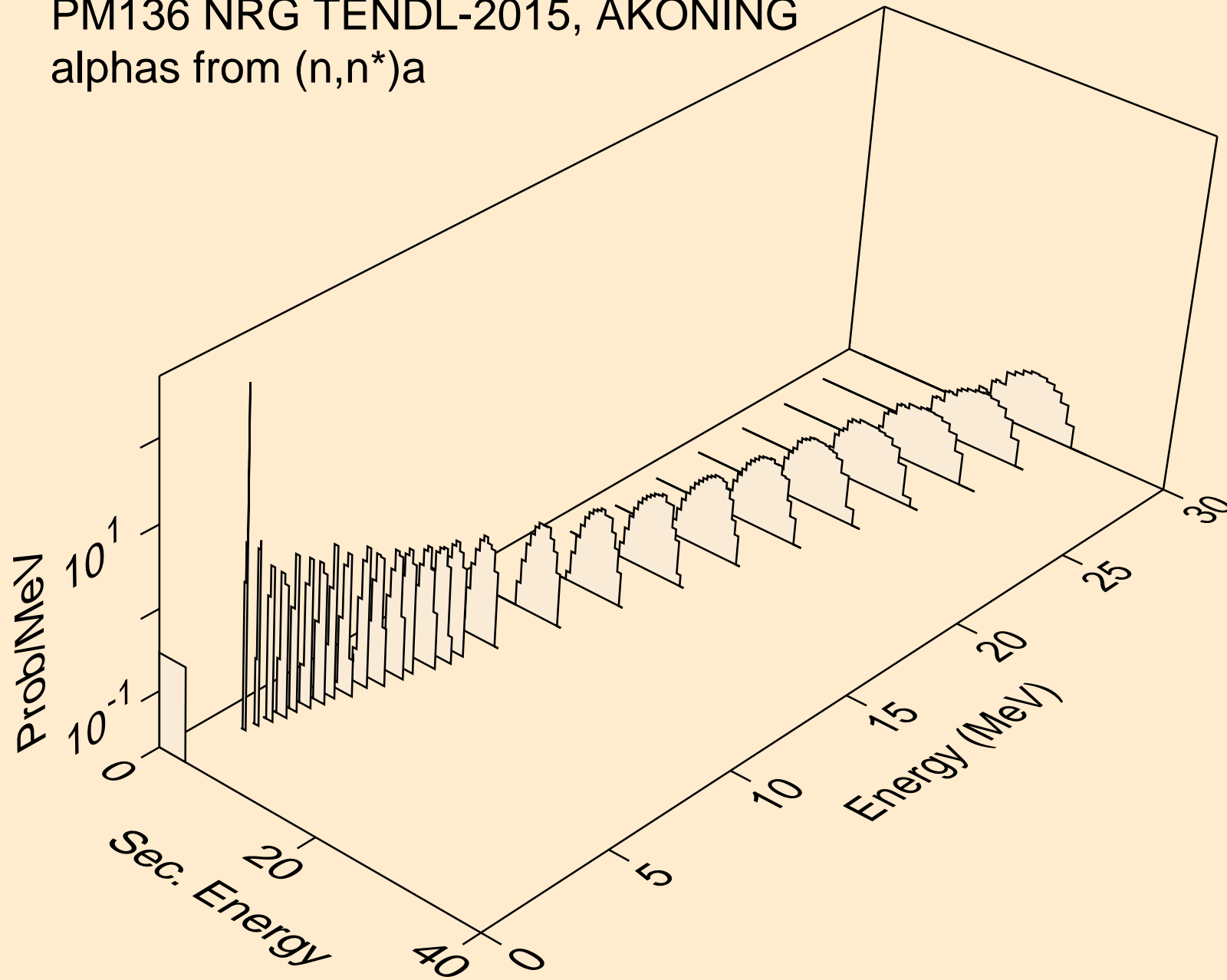
PM136 NRG TENDL-2015, AKONING  
he3s from (n,he3)



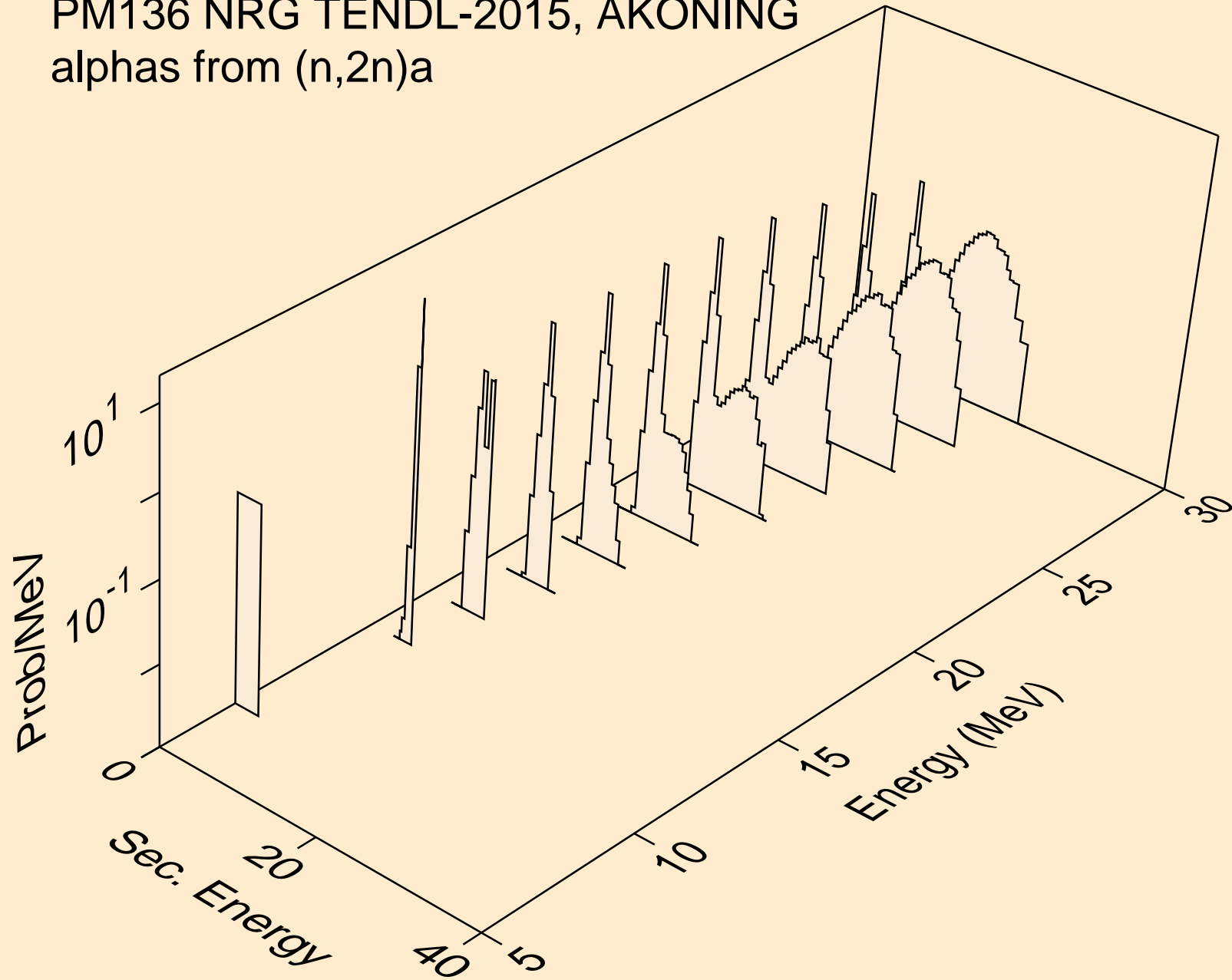
PM136 NRG TENDL-2015, AKONING  
alphas from (n,x)



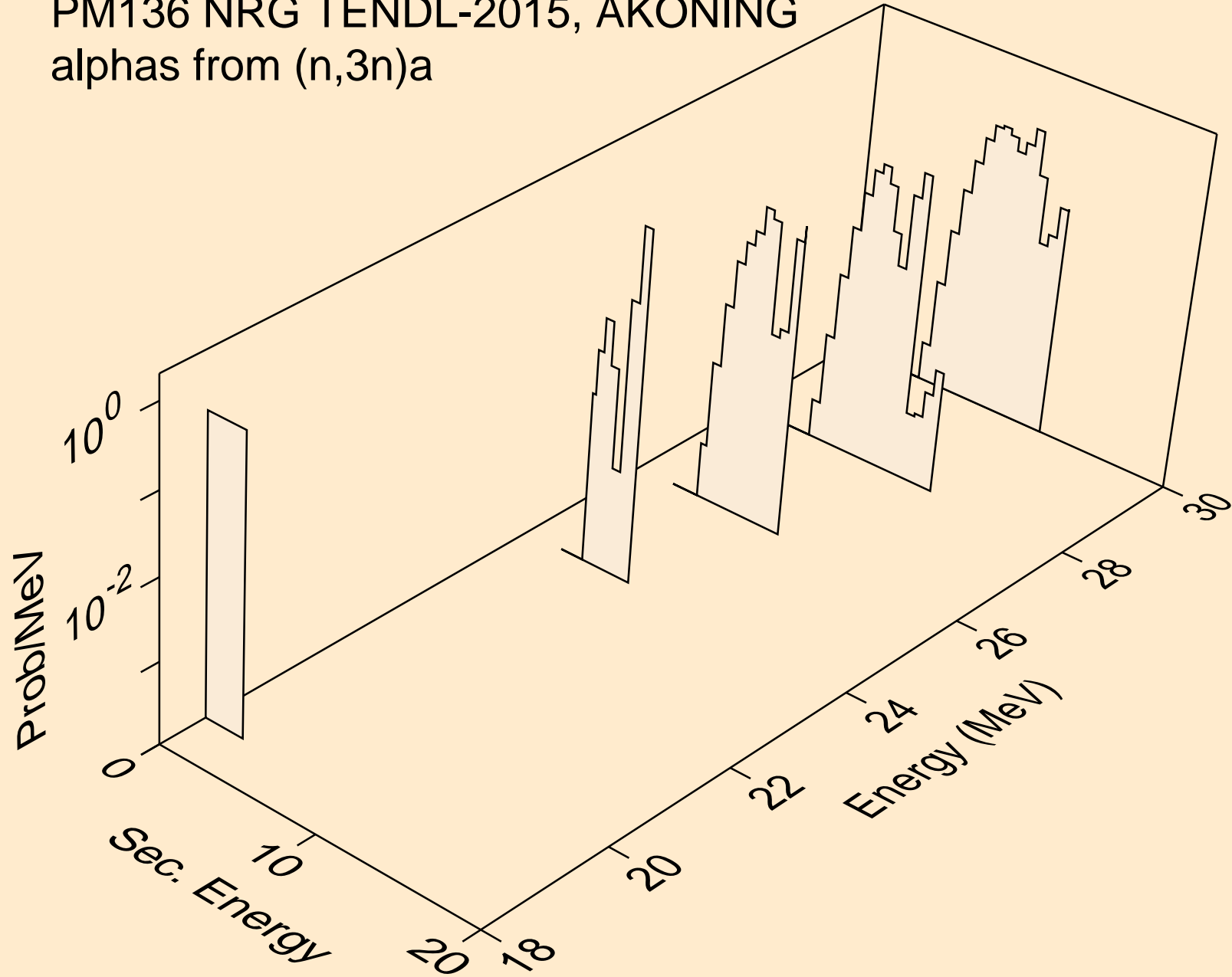
PM136 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



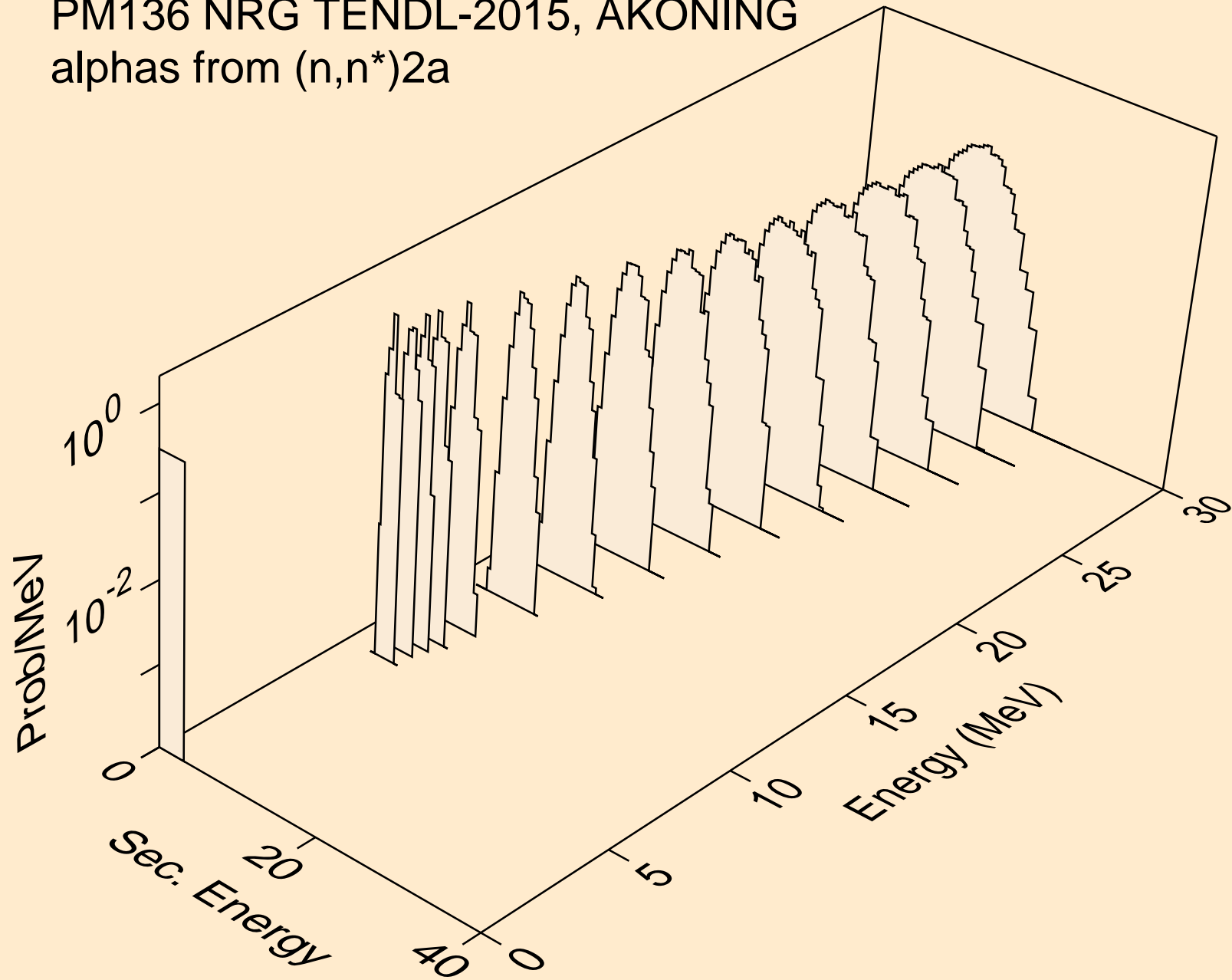
PM136 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



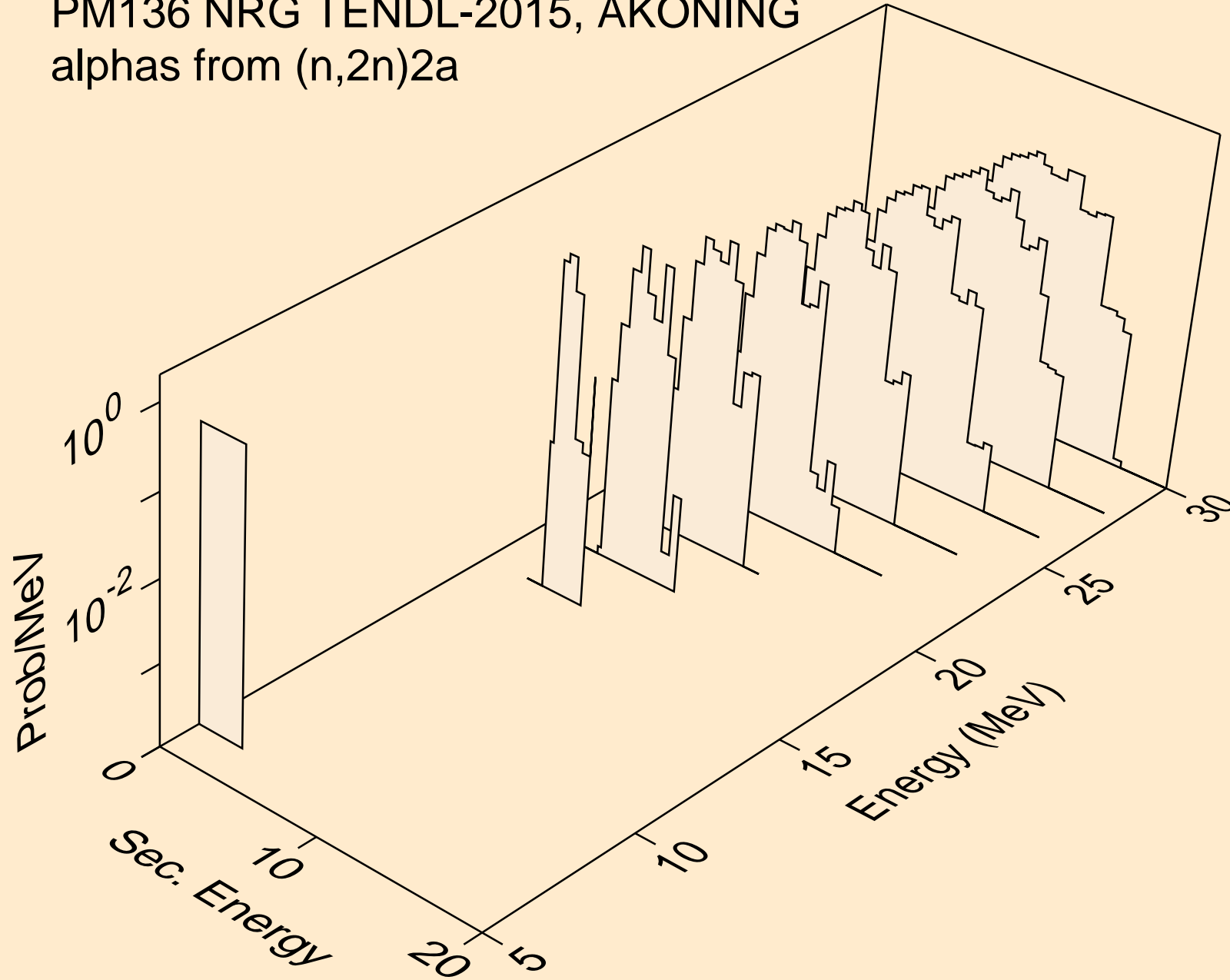
PM136 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



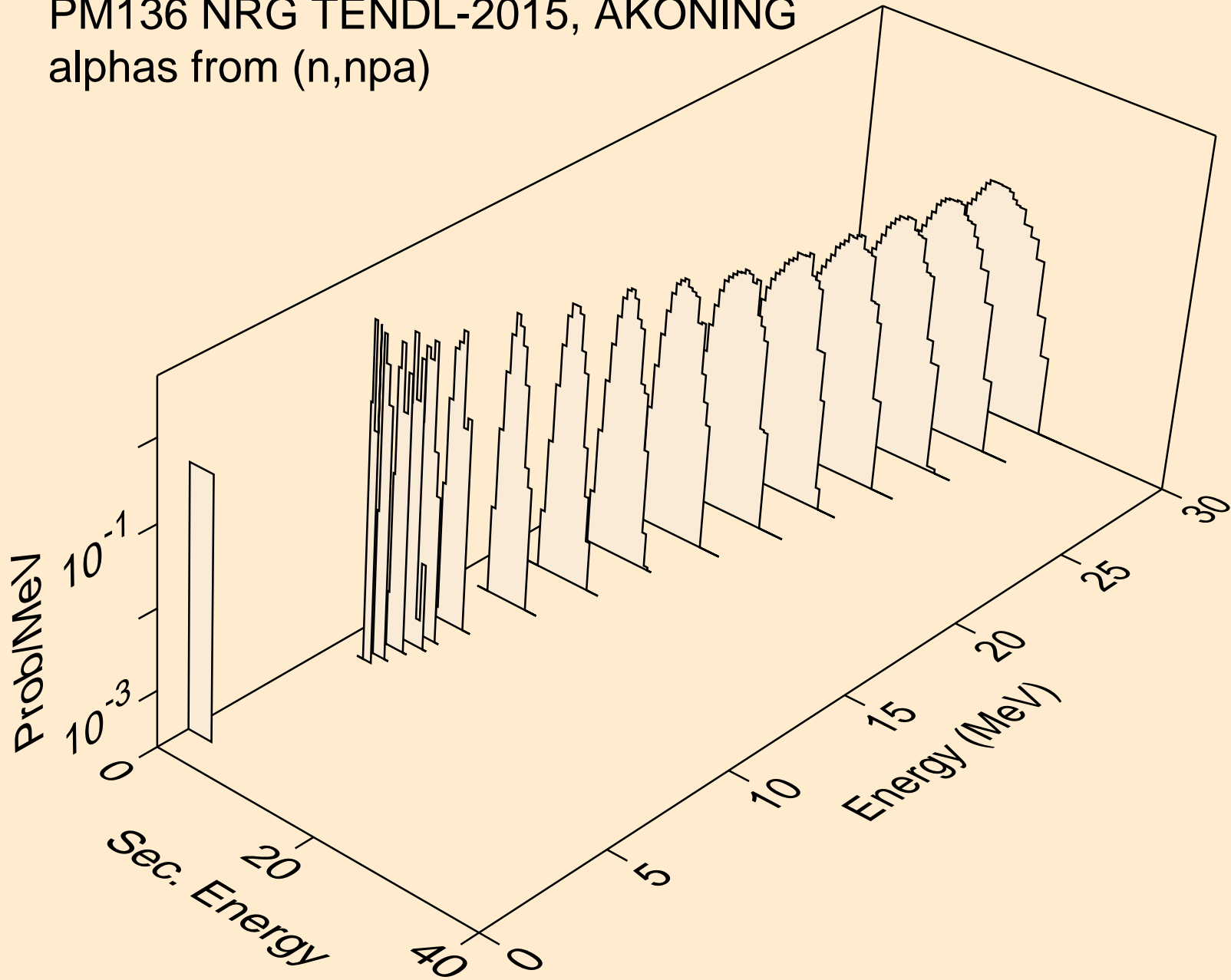
PM136 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



PM136 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a

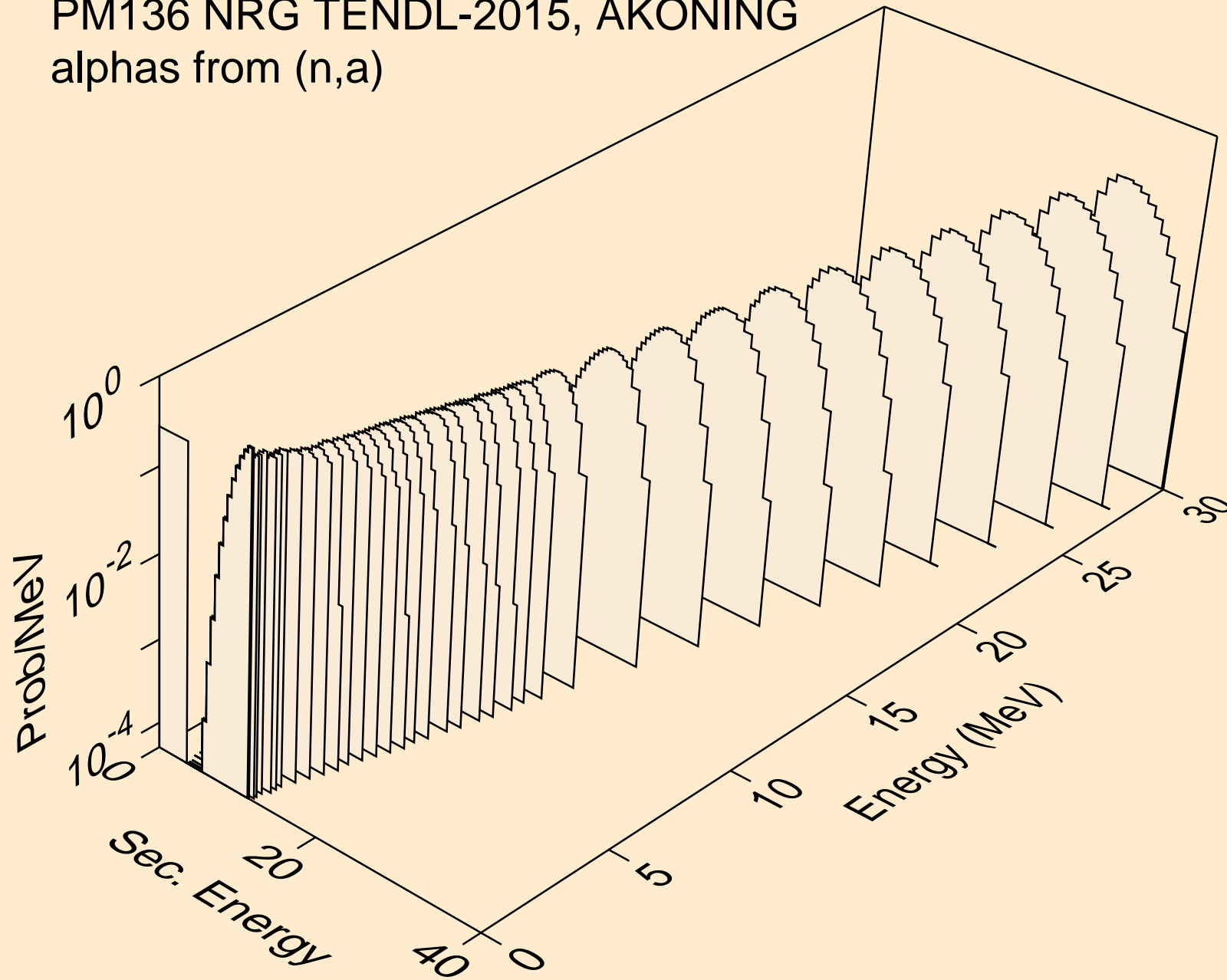


PM136 NRG TENDL-2015, AKONING  
alphas from (n,npa)

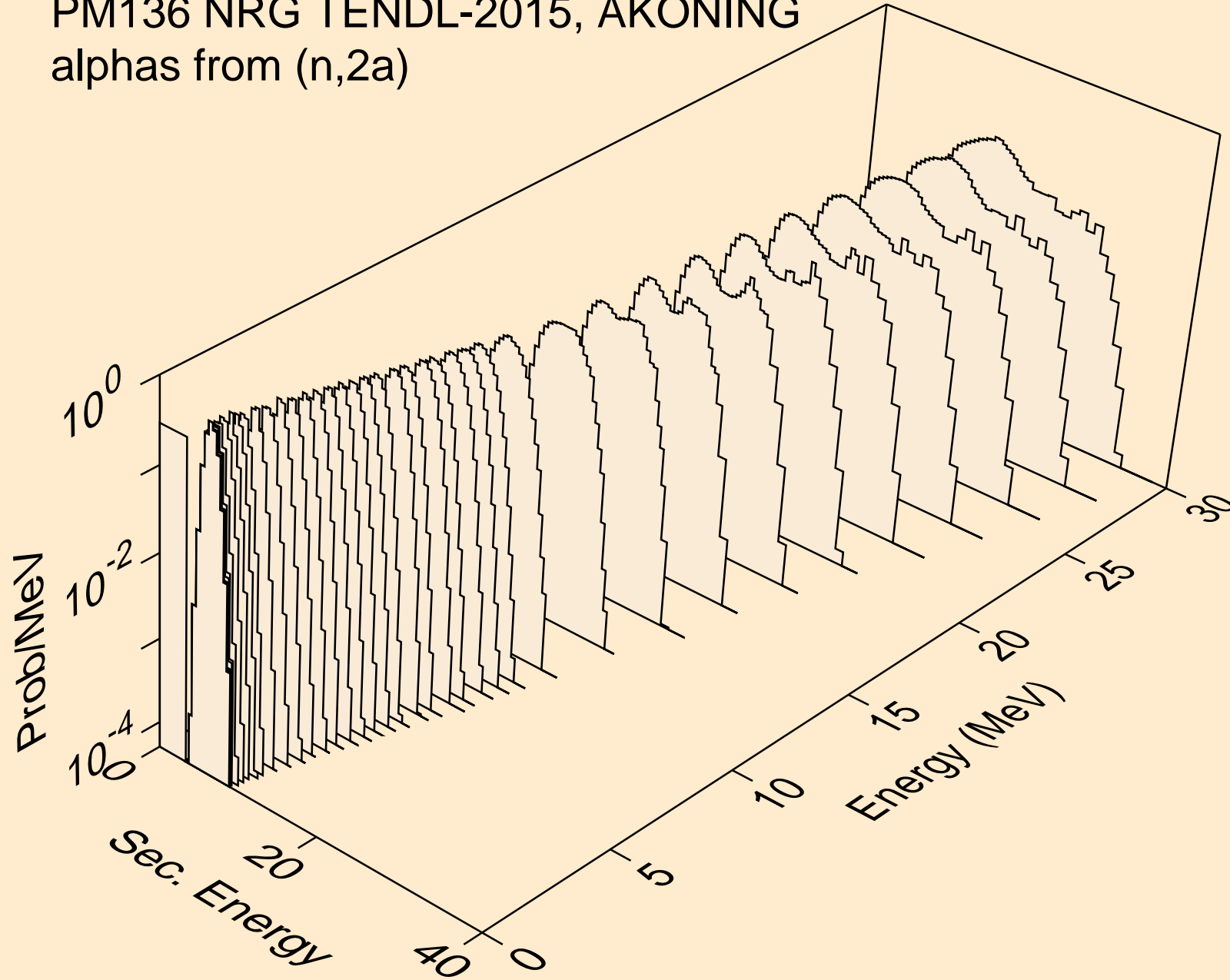




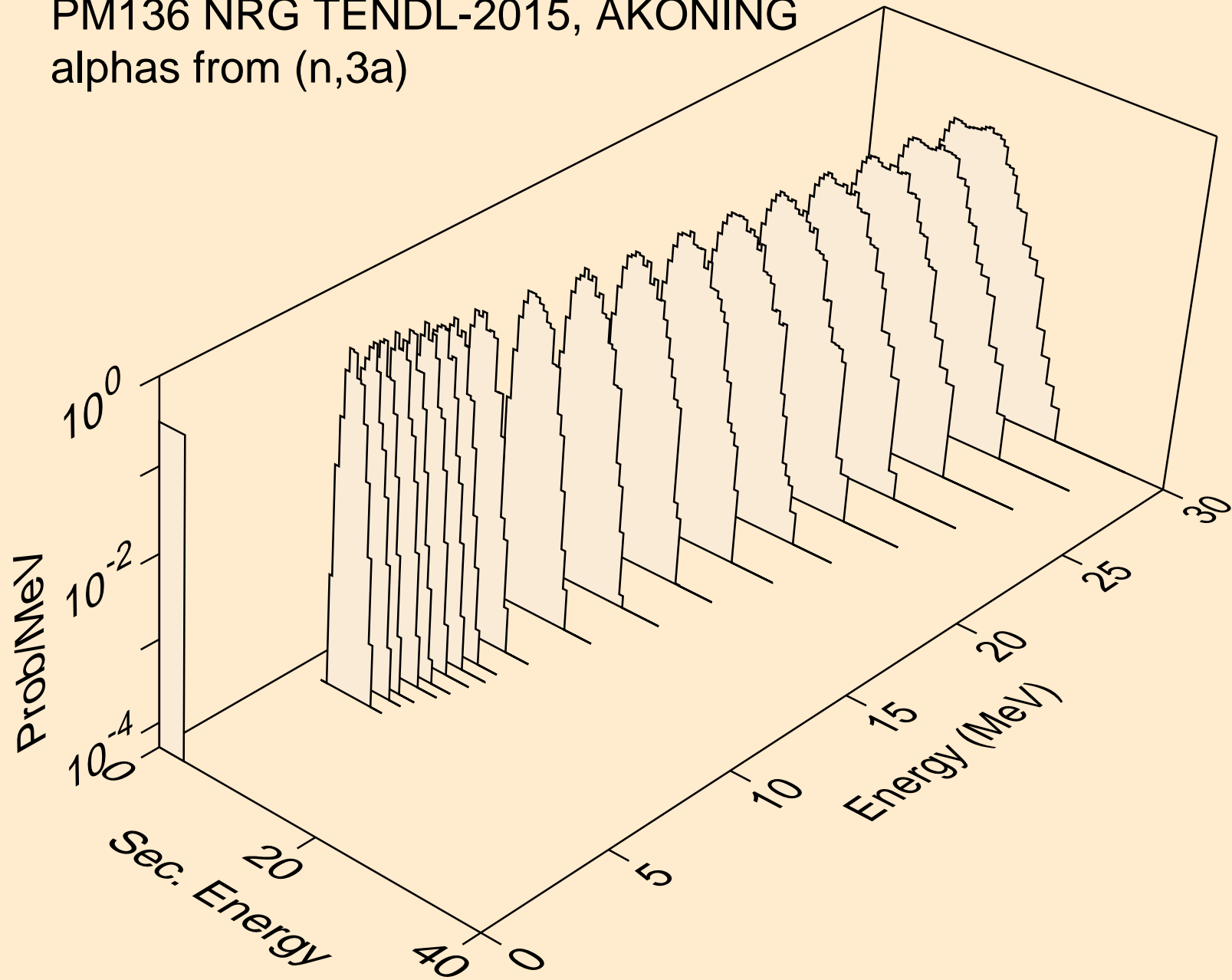
PM136 NRG TENDL-2015, AKONING  
alphas from (n,a)



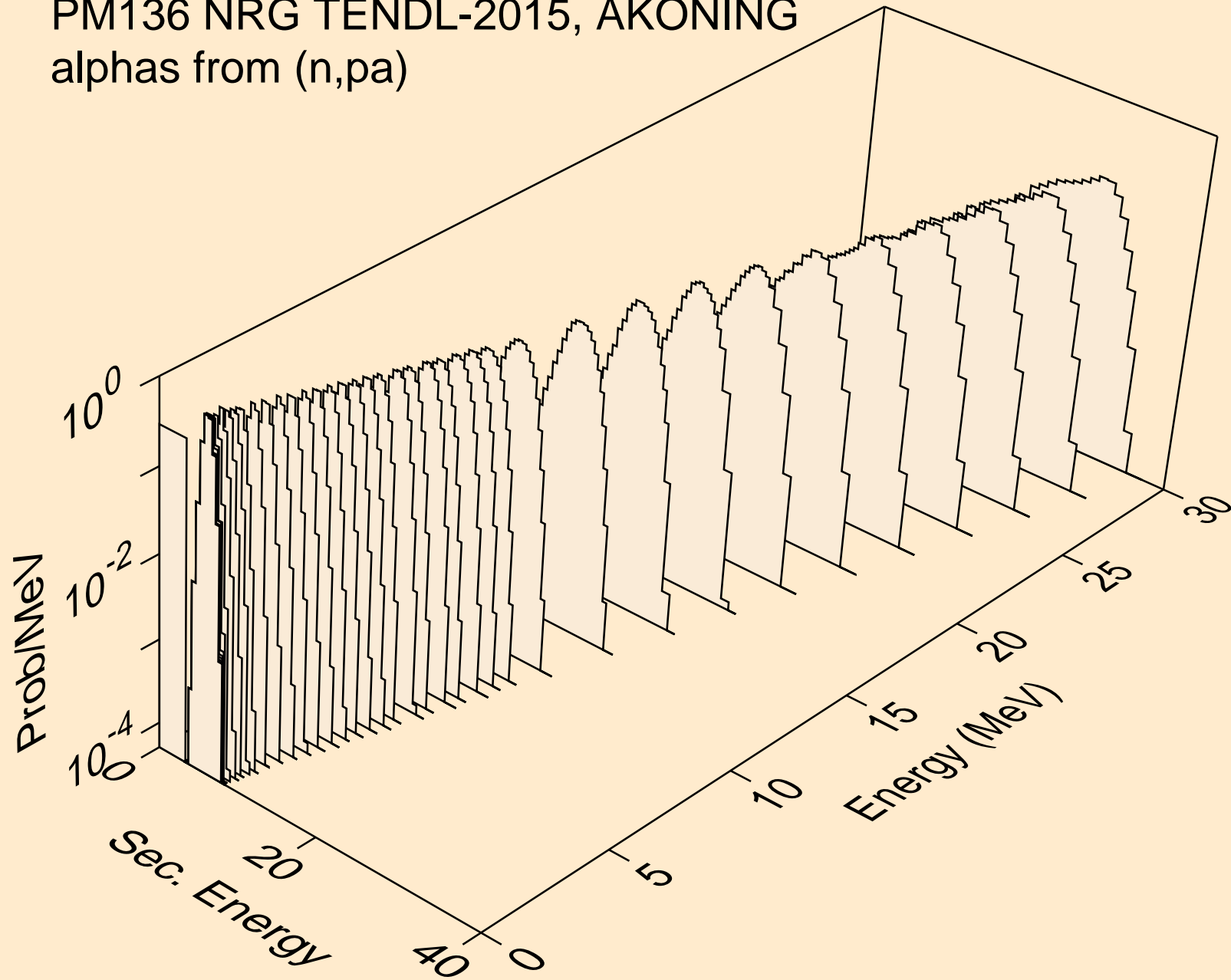
PM136 NRG TENDL-2015, AKONING  
alphas from (n,2a)



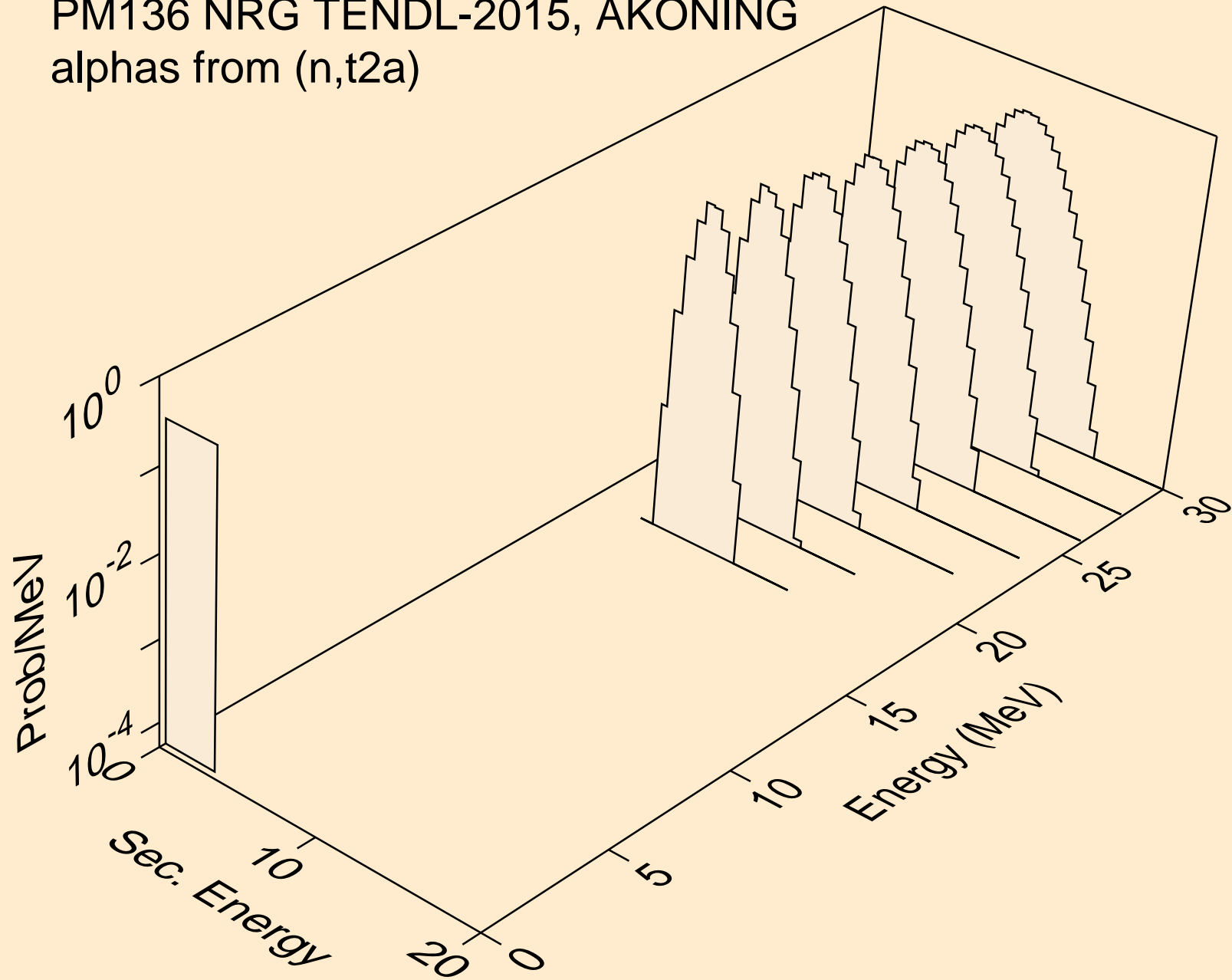
PM136 NRG TENDL-2015, AKONING  
alphas from (n,3a)



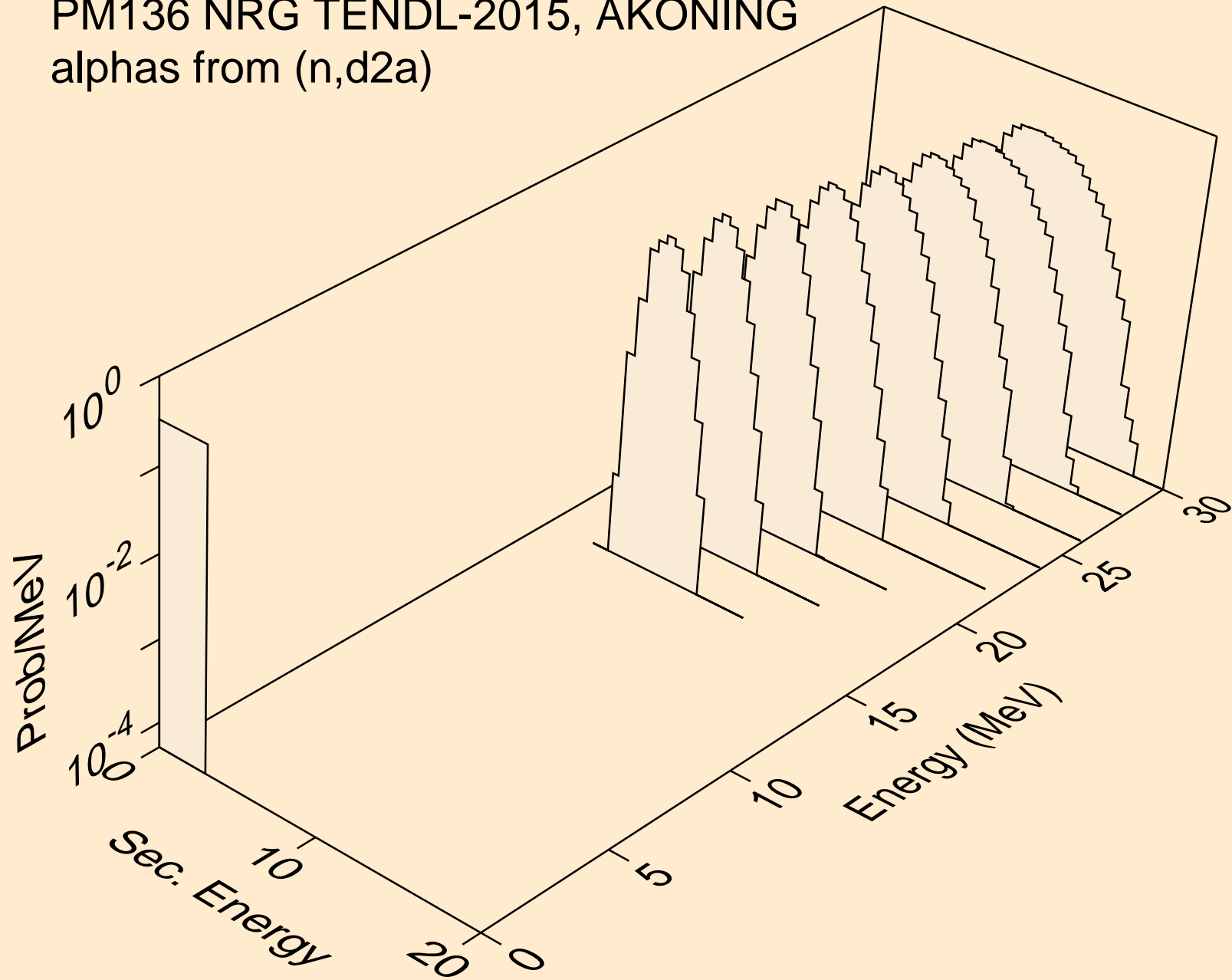
PM136 NRG TENDL-2015, AKONING  
alphas from (n,pa)



PM136 NRG TENDL-2015, AKONING  
alphas from (n,t2a)



PM136 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



PM136 NRG TENDL-2015, AKONING  
alphas from (n,da)

