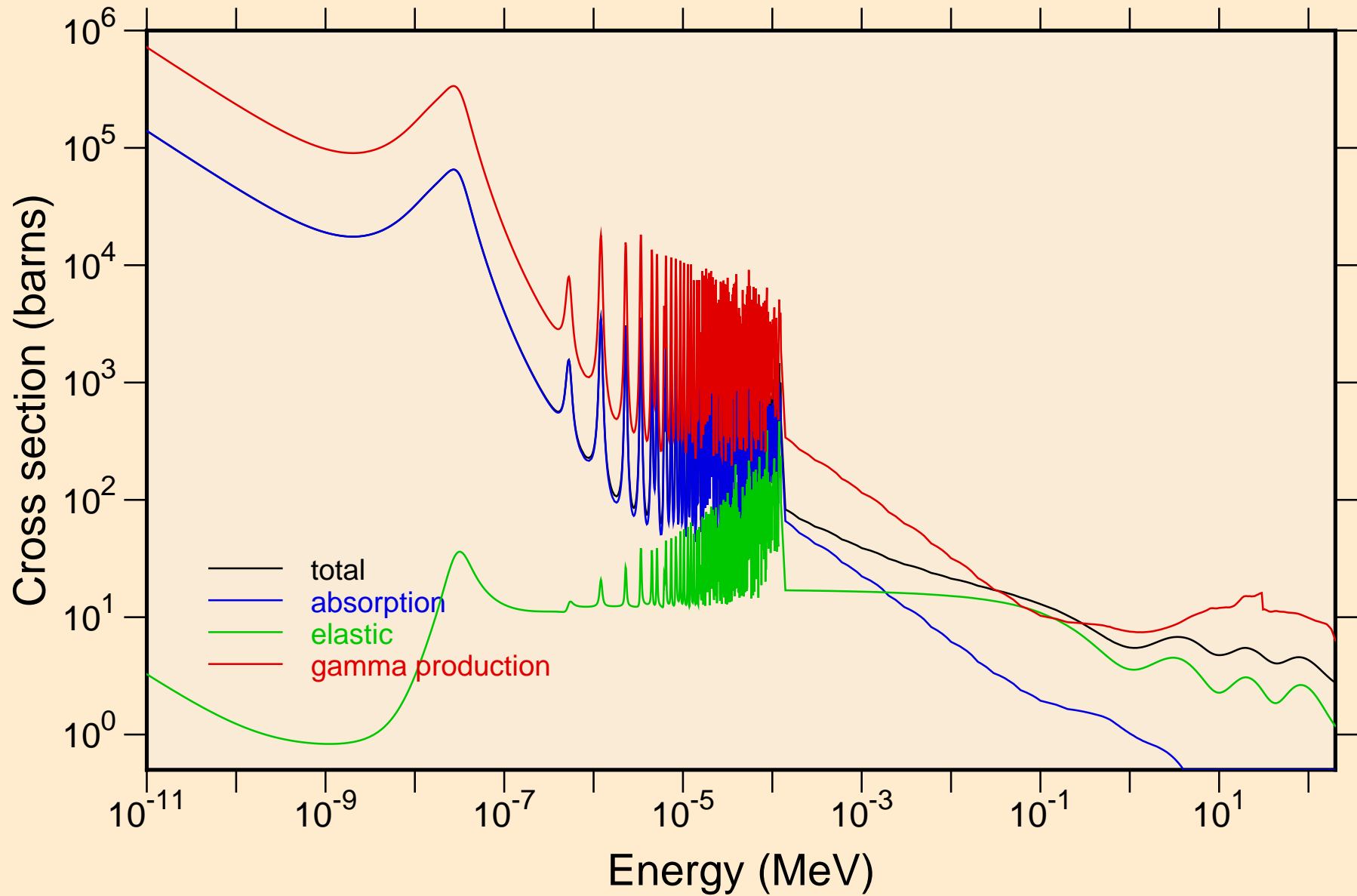
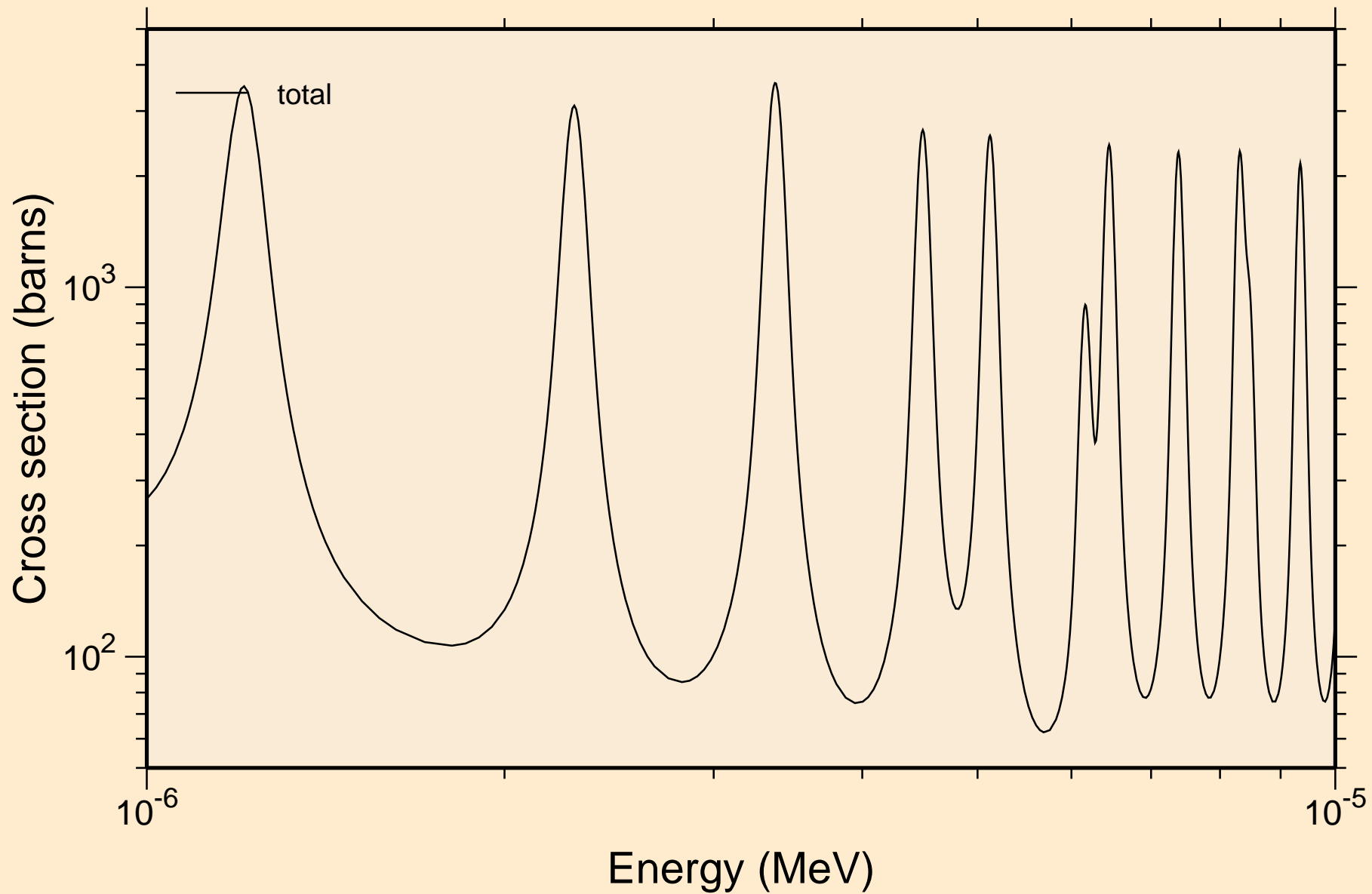


# PT183 NRG TENDL-2015, AKONING

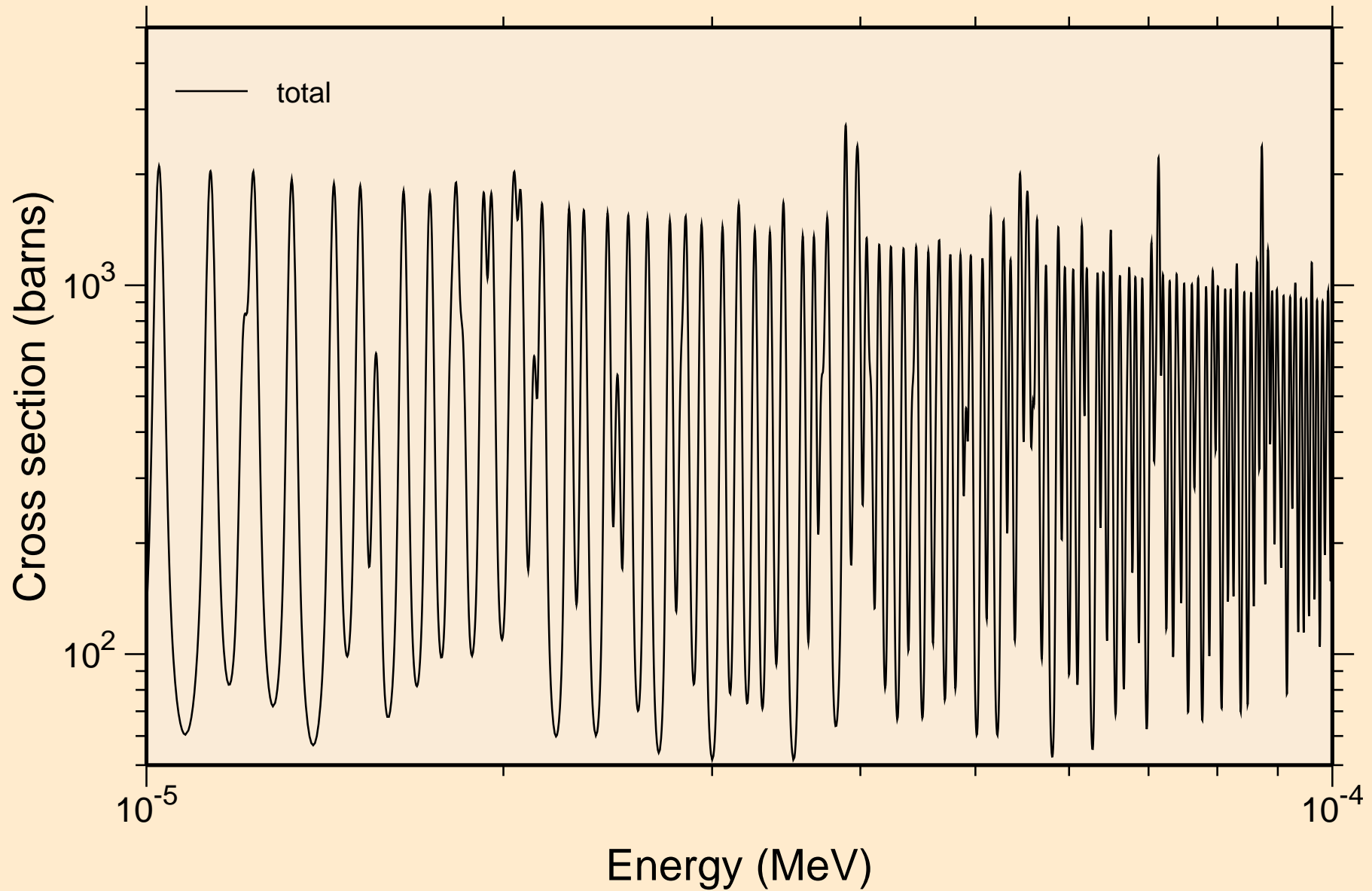
## Principal cross sections



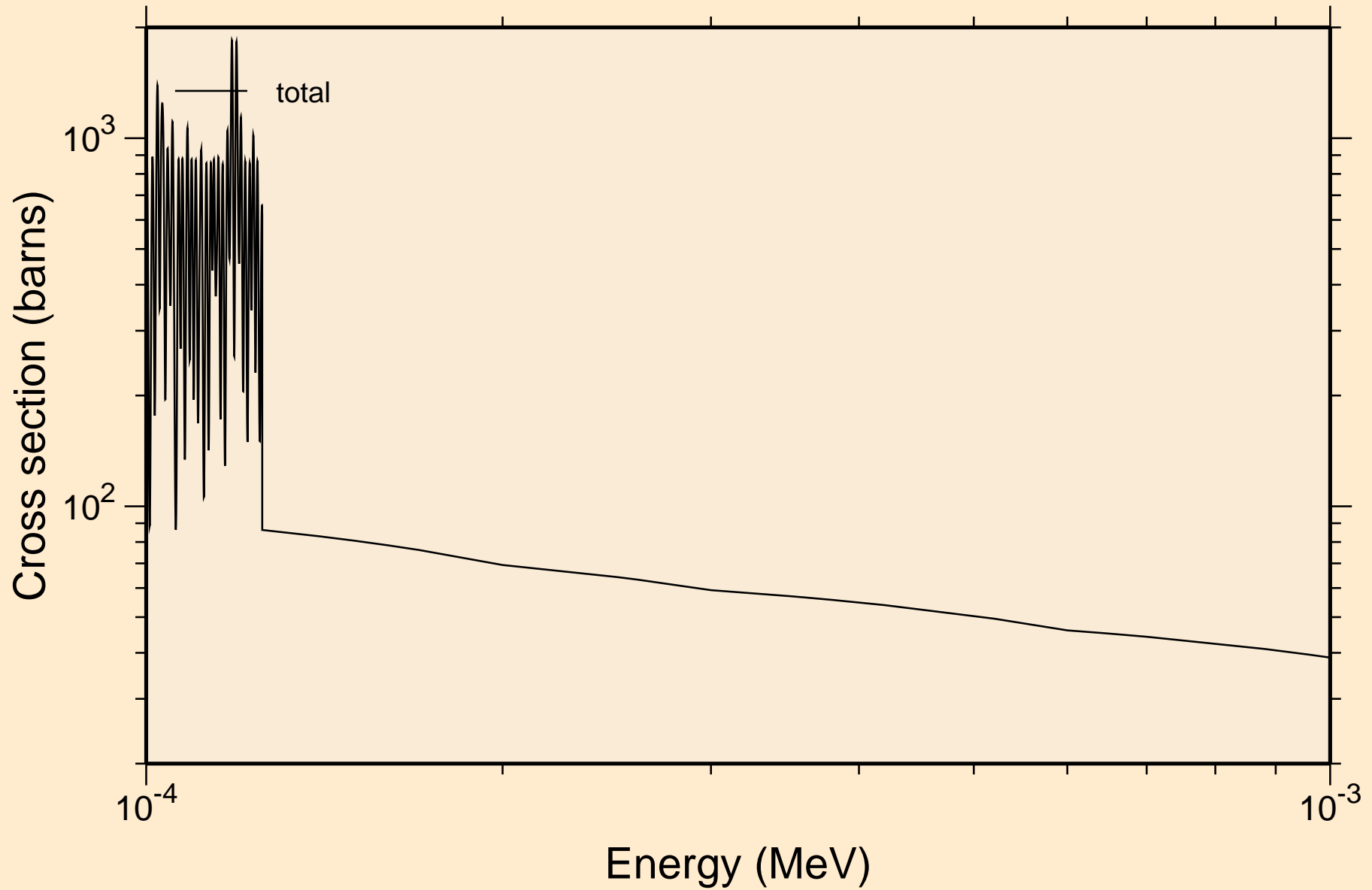
PT183 NRG TENDL-2015, AKONING  
resonance total cross section



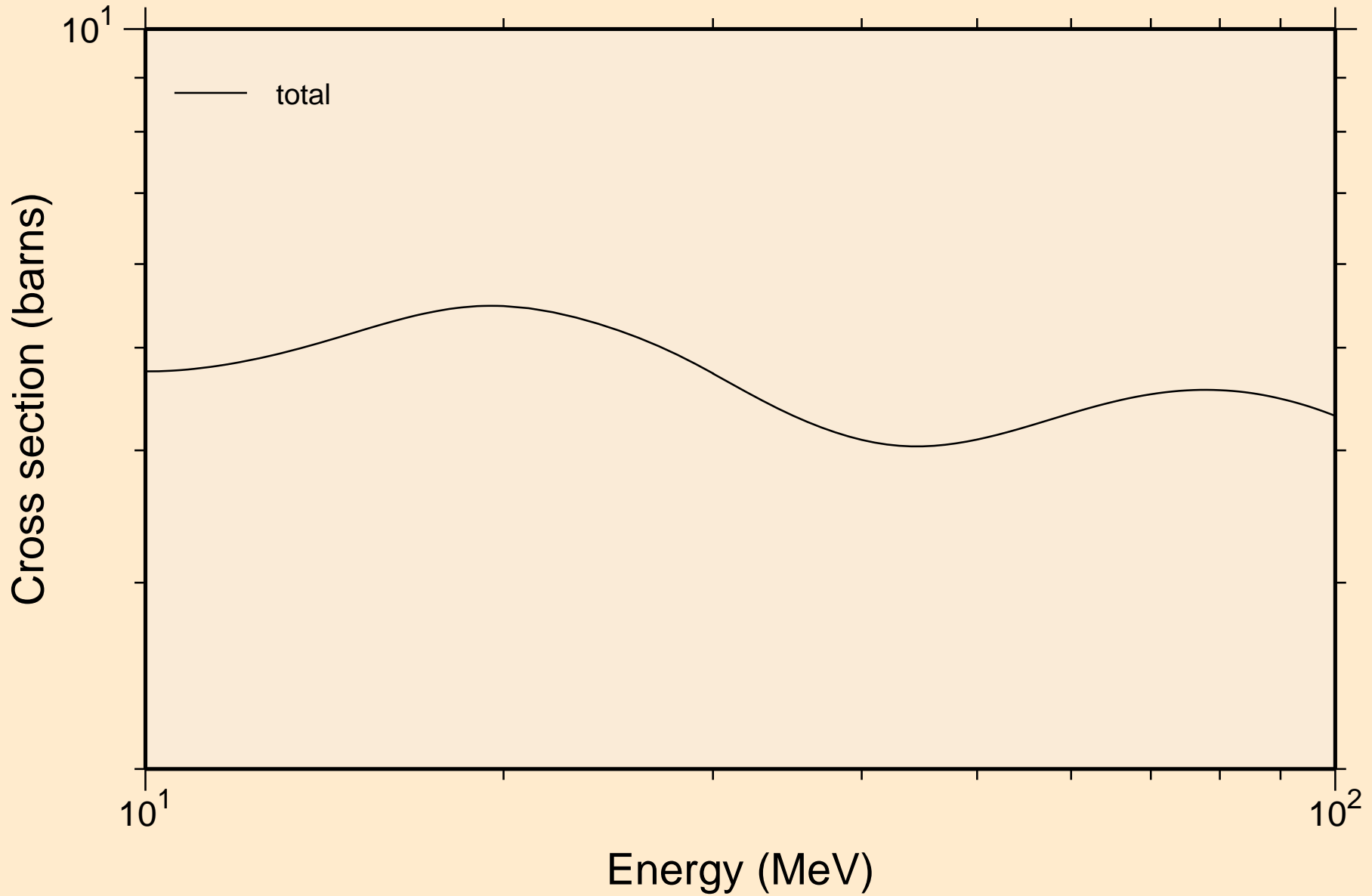
PT183 NRG TENDL-2015, AKONING  
resonance total cross section



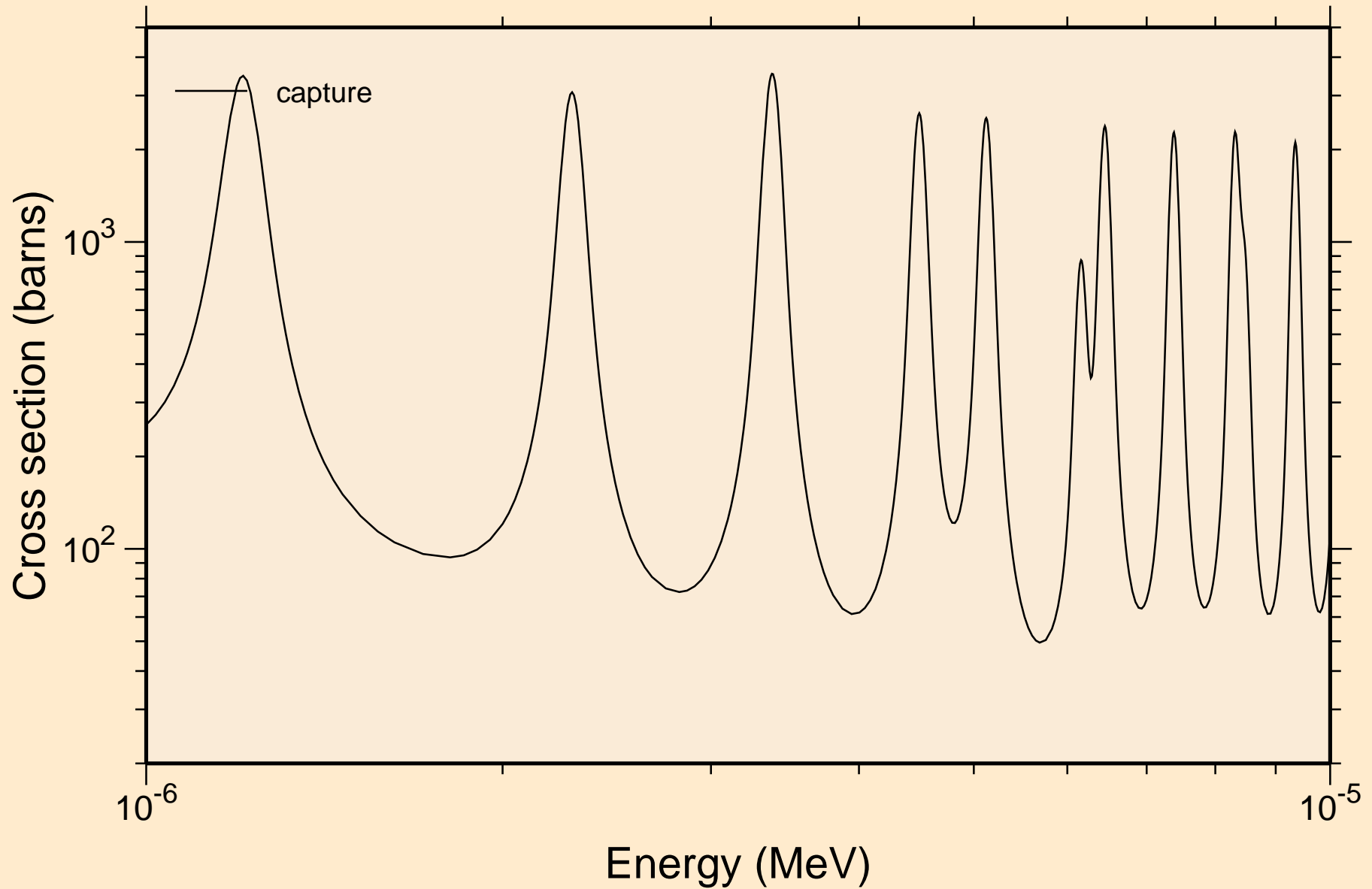
PT183 NRG TENDL-2015, AKONING  
resonance total cross section



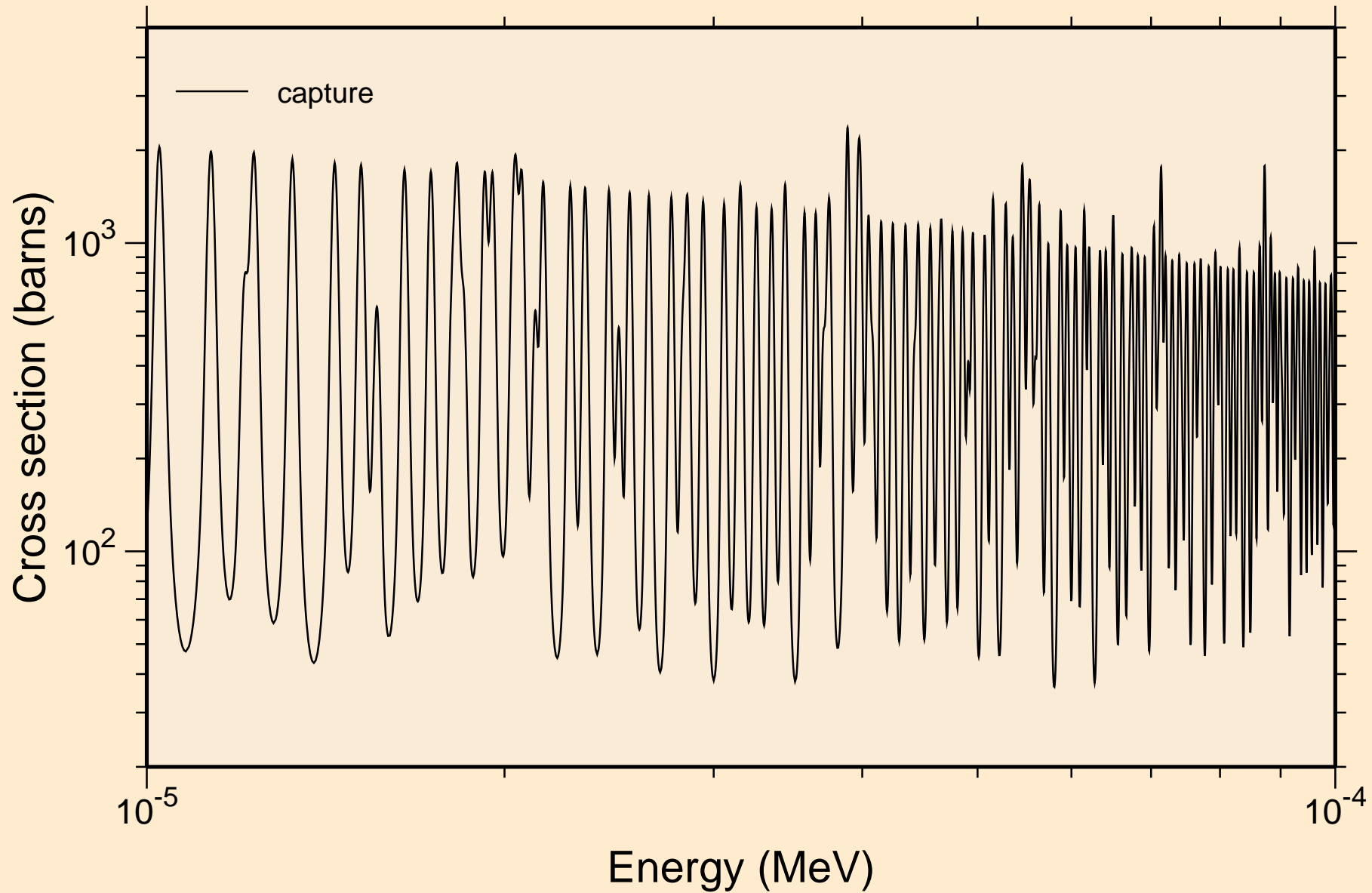
PT183 NRG TENDL-2015, AKONING  
resonance total cross section



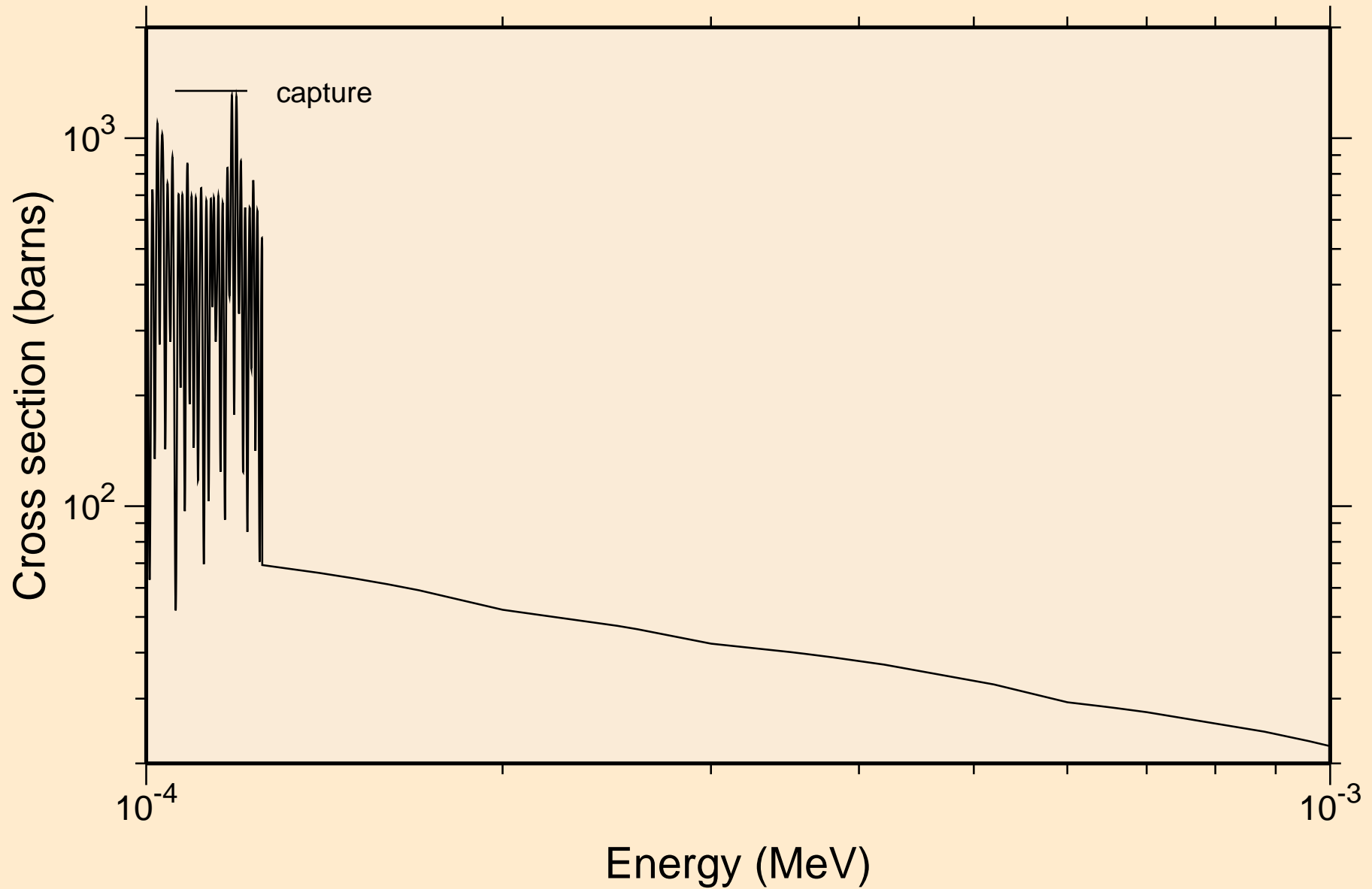
PT183 NRG TENDL-2015, AKONING  
resonance absorption cross sections



PT183 NRG TENDL-2015, AKONING  
resonance absorption cross sections

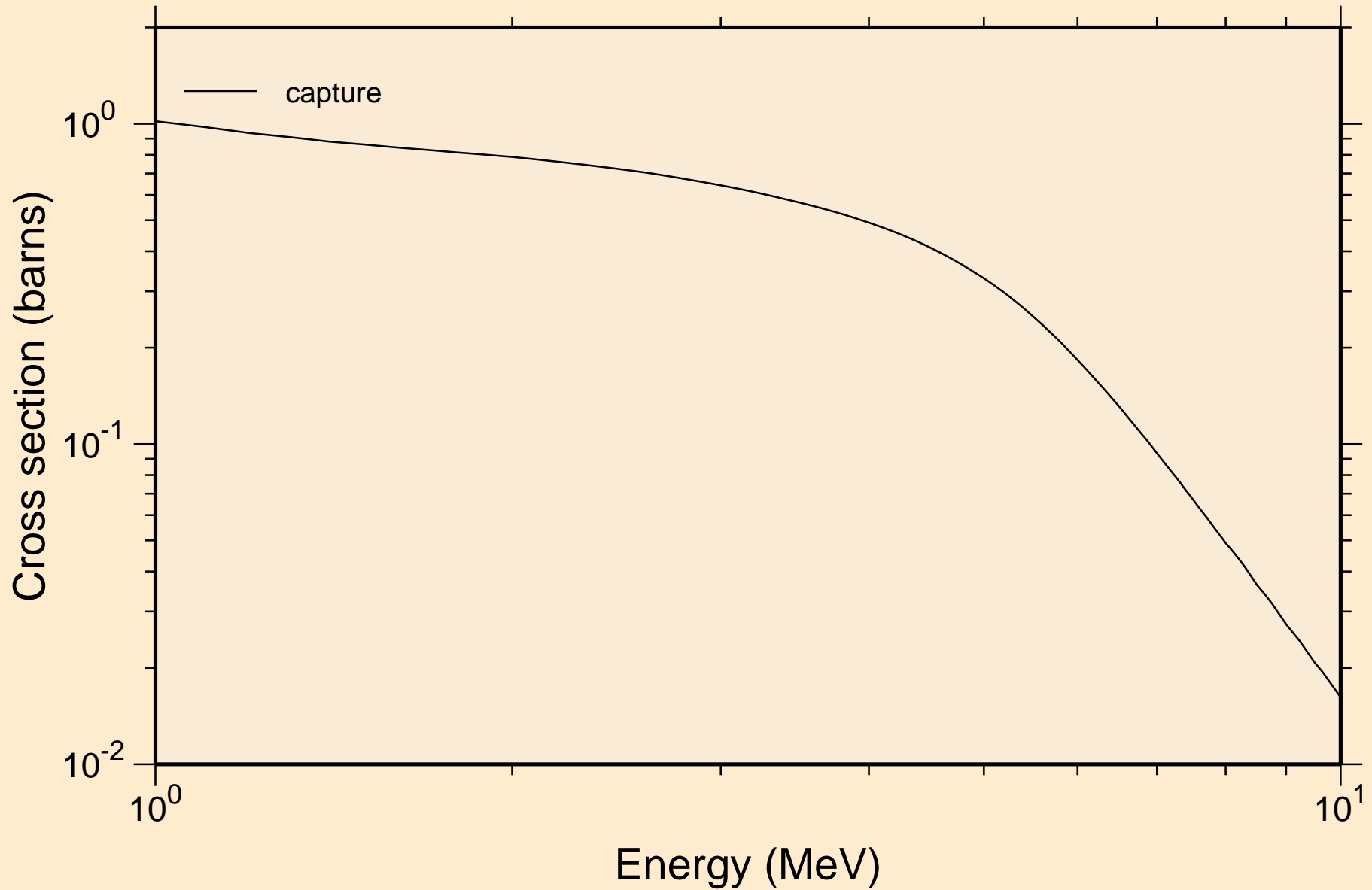


PT183 NRG TENDL-2015, AKONING  
resonance absorption cross sections



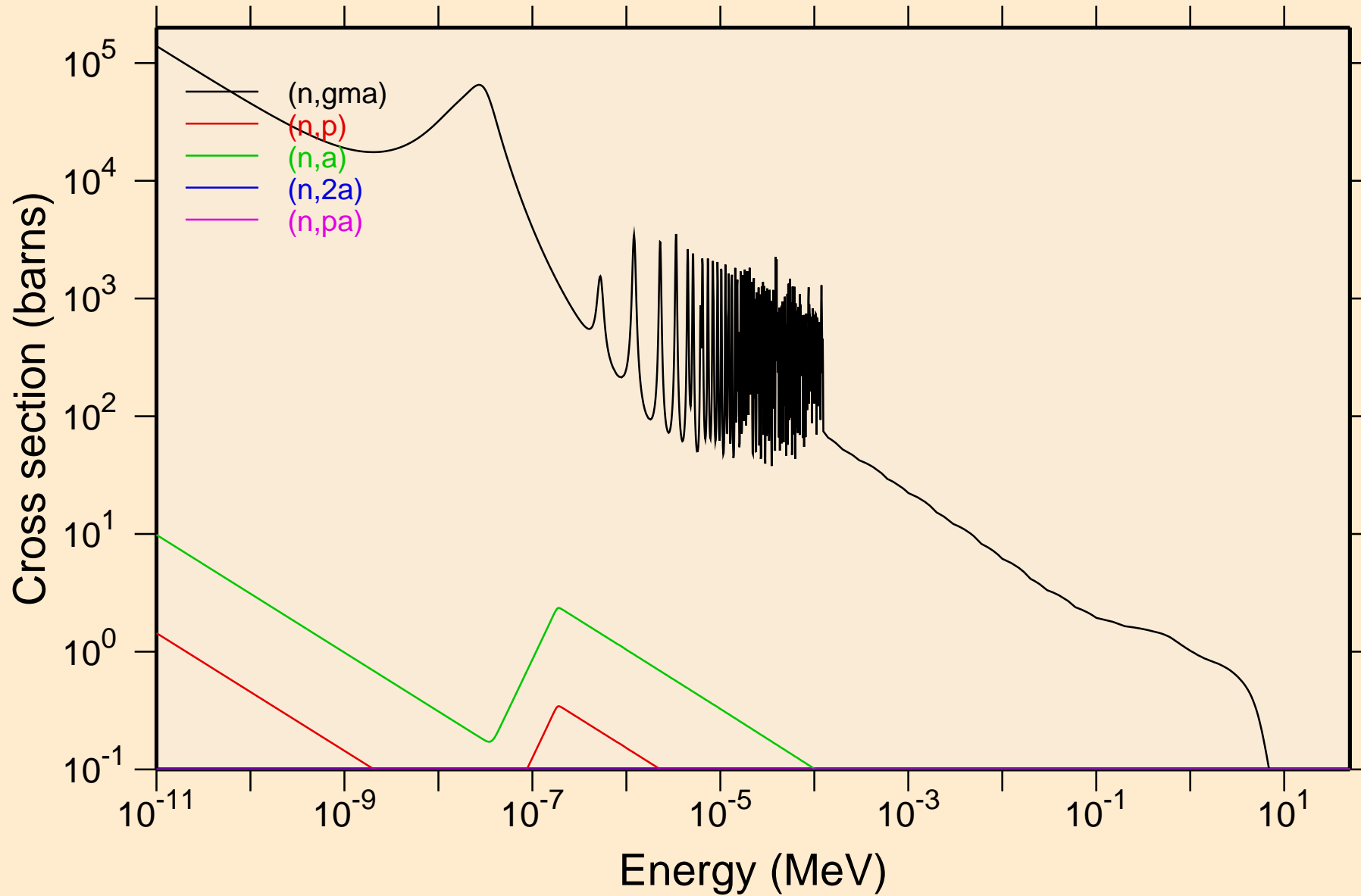


PT183 NRG TENDL-2015, AKONING  
resonance absorption cross sections



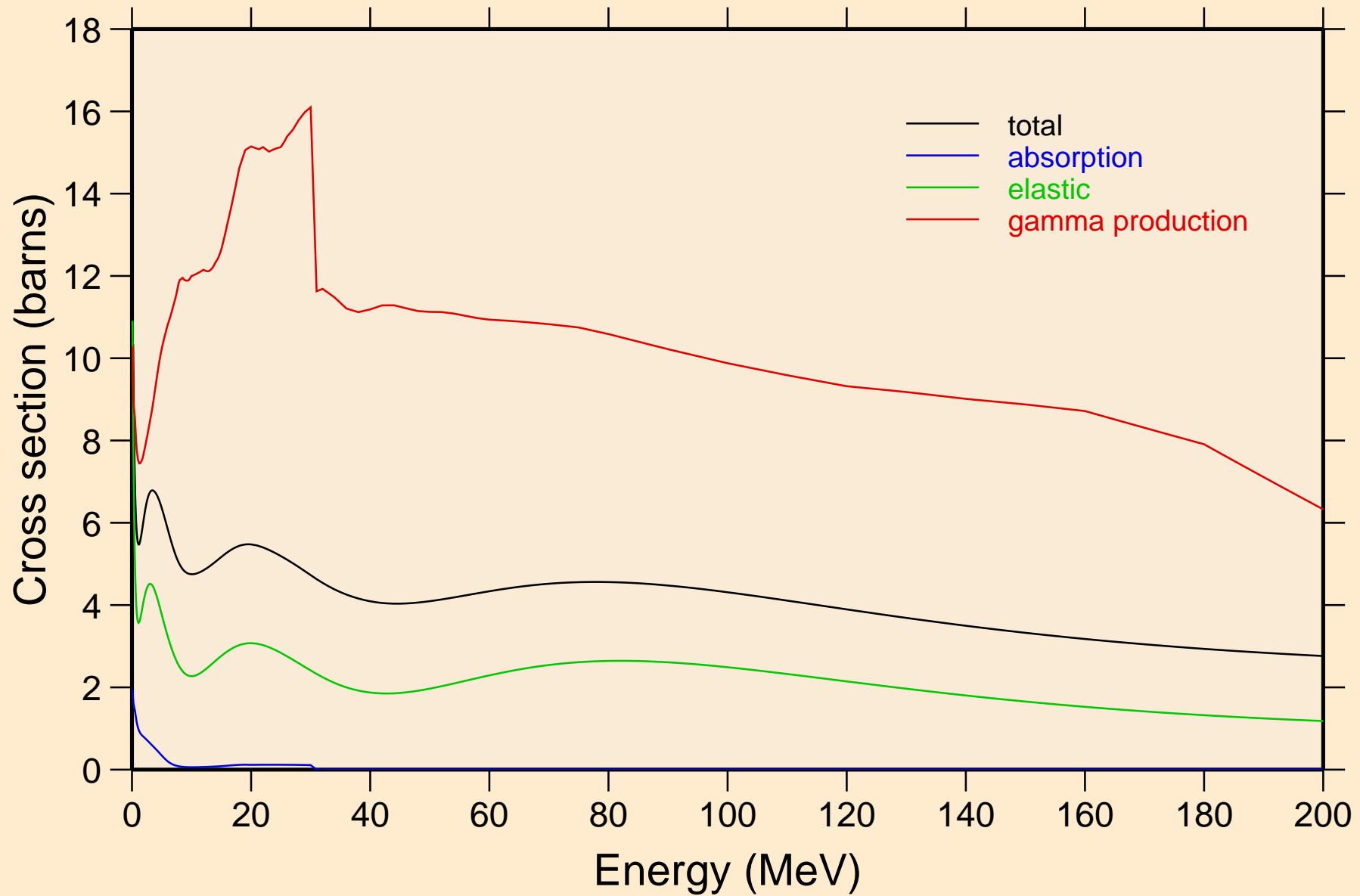
# PT183 NRG TENDL-2015, AKONING

## Non-threshold reactions



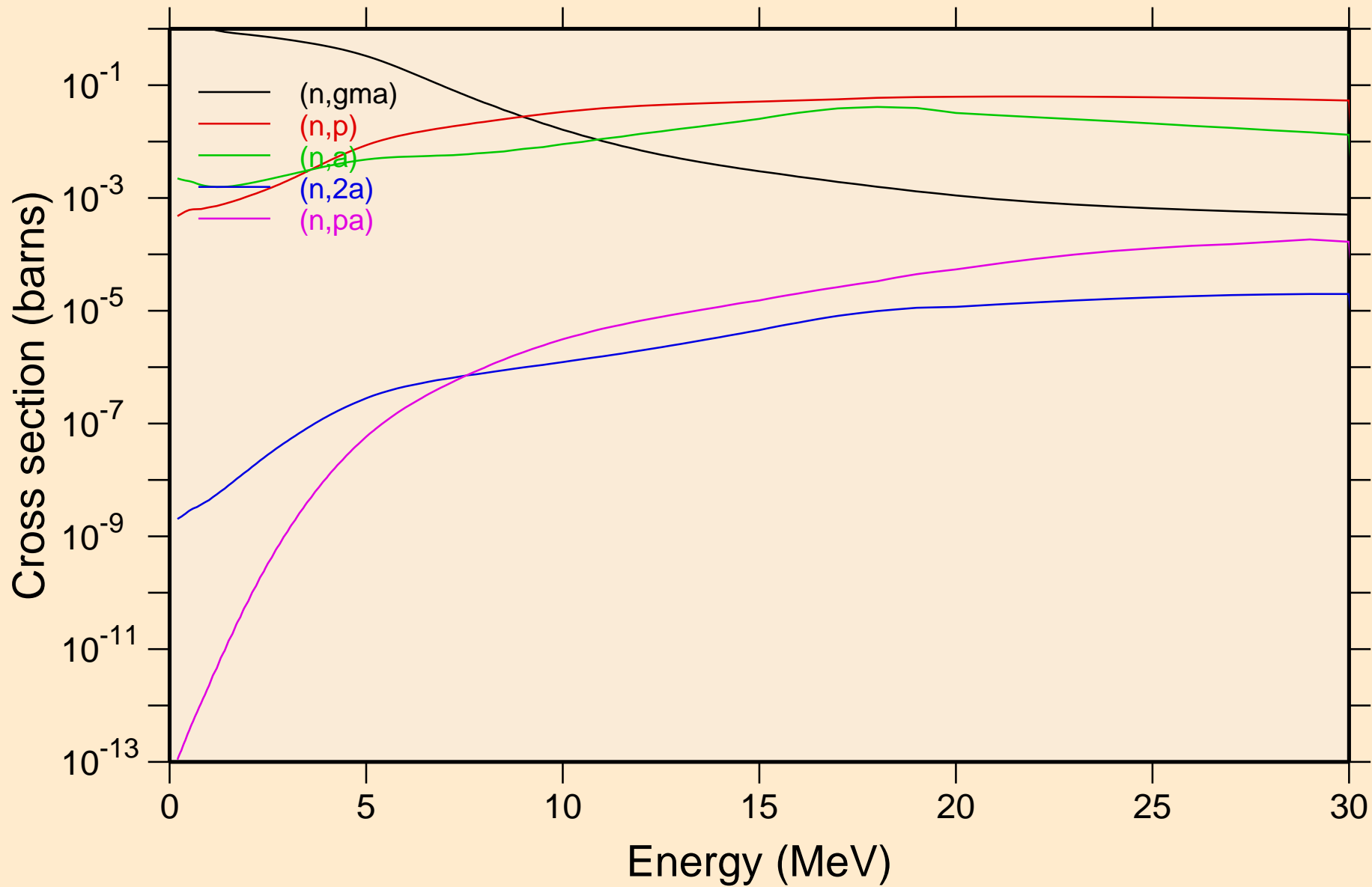
# PT183 NRG TENDL-2015, AKONING

## Principal cross sections



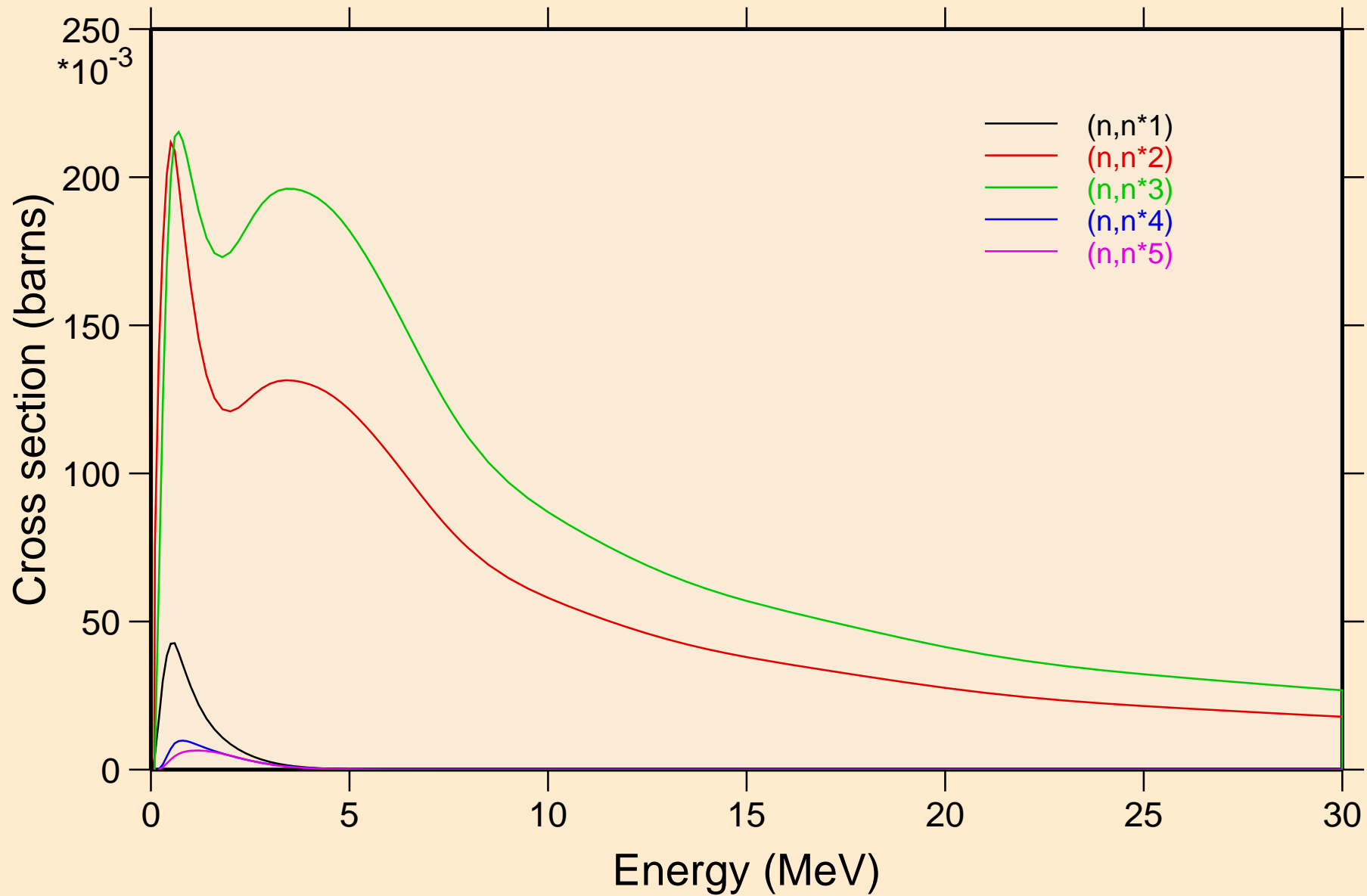
# PT183 NRG TENDL-2015, AKONING

## Non-threshold reactions

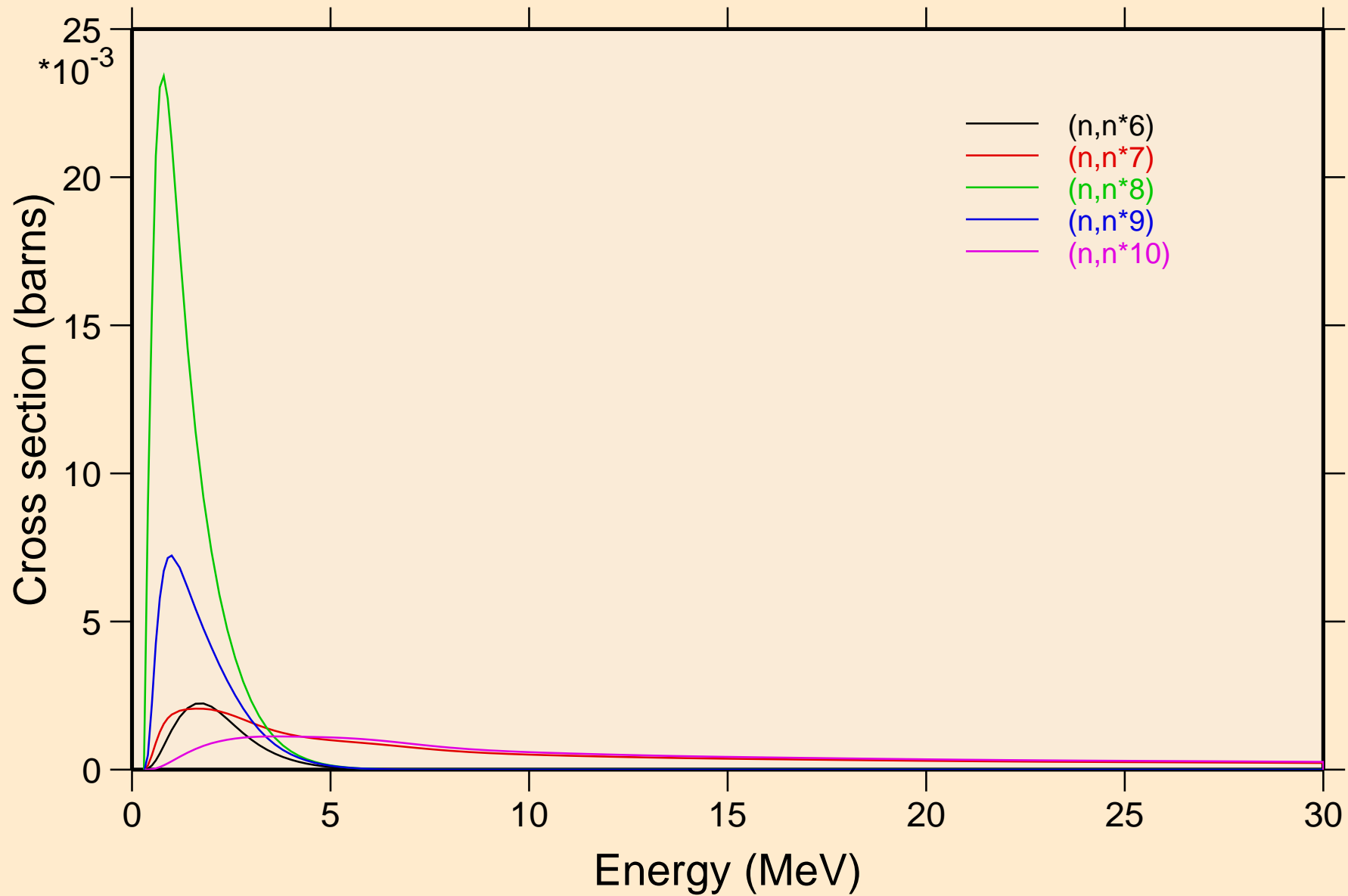


# PT183 NRG TENDL-2015, AKONING

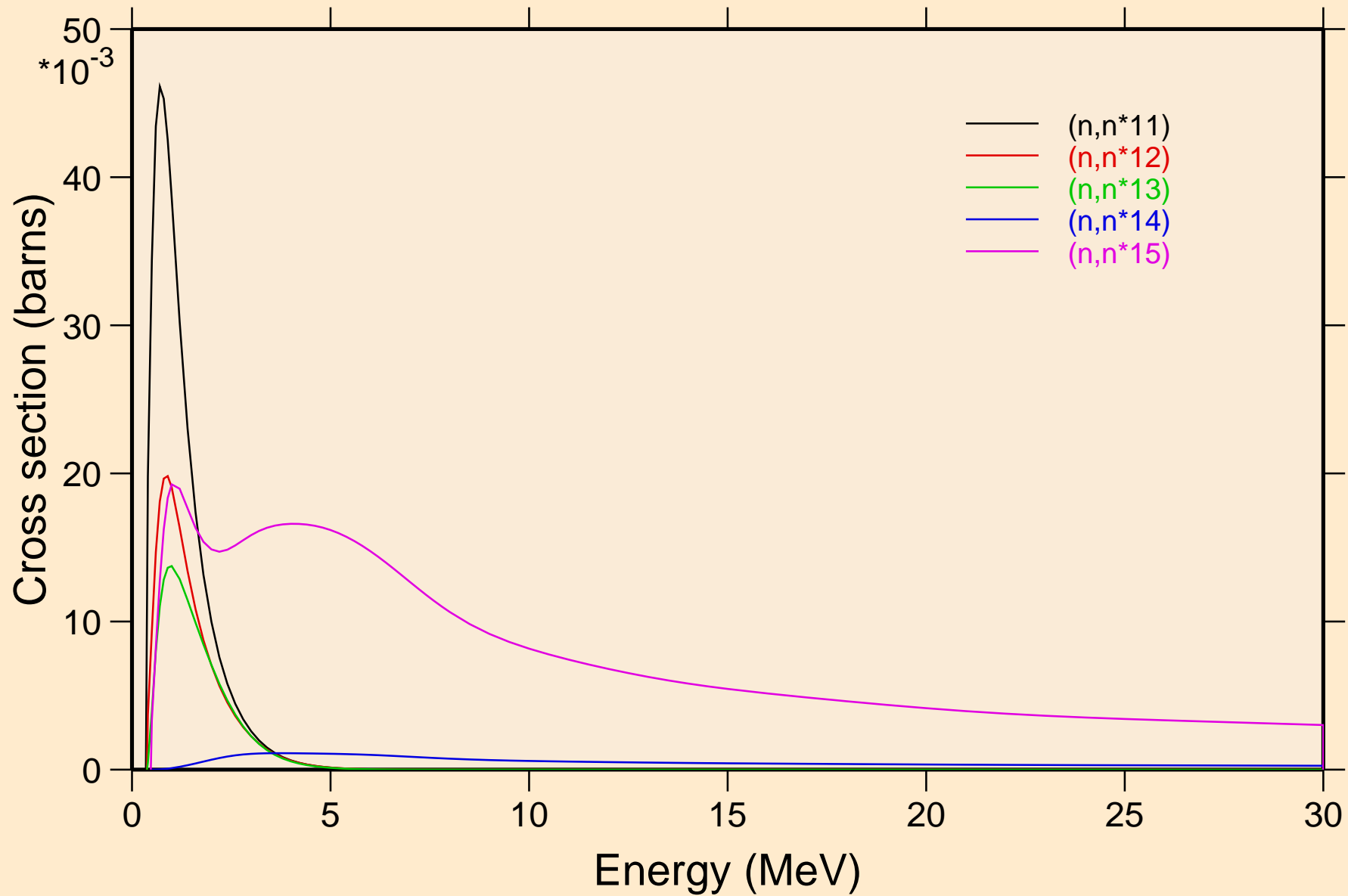
## Inelastic levels



PT183 NRG TENDL-2015, AKONING  
Inelastic levels

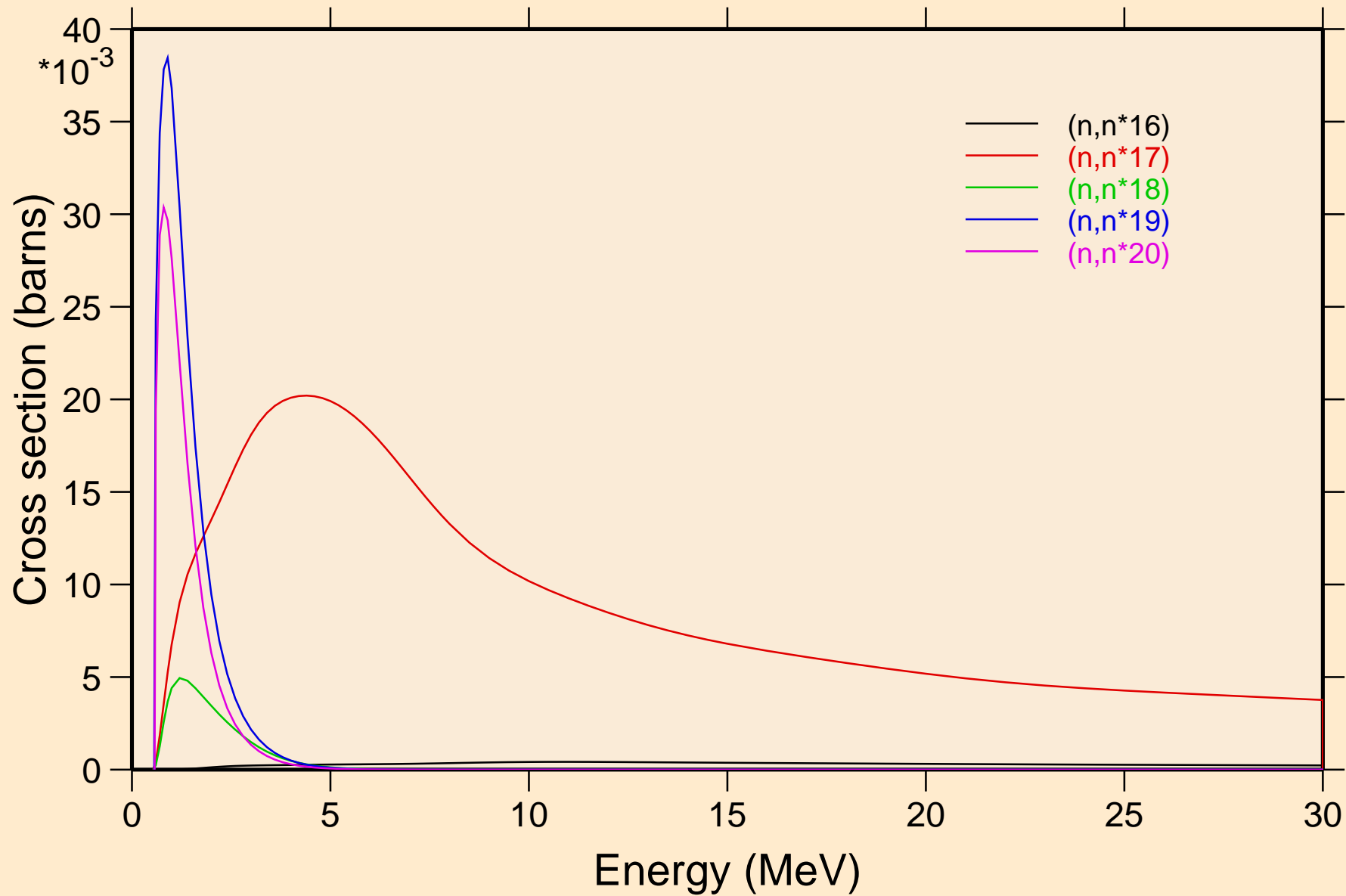


PT183 NRG TENDL-2015, AKONING  
Inelastic levels



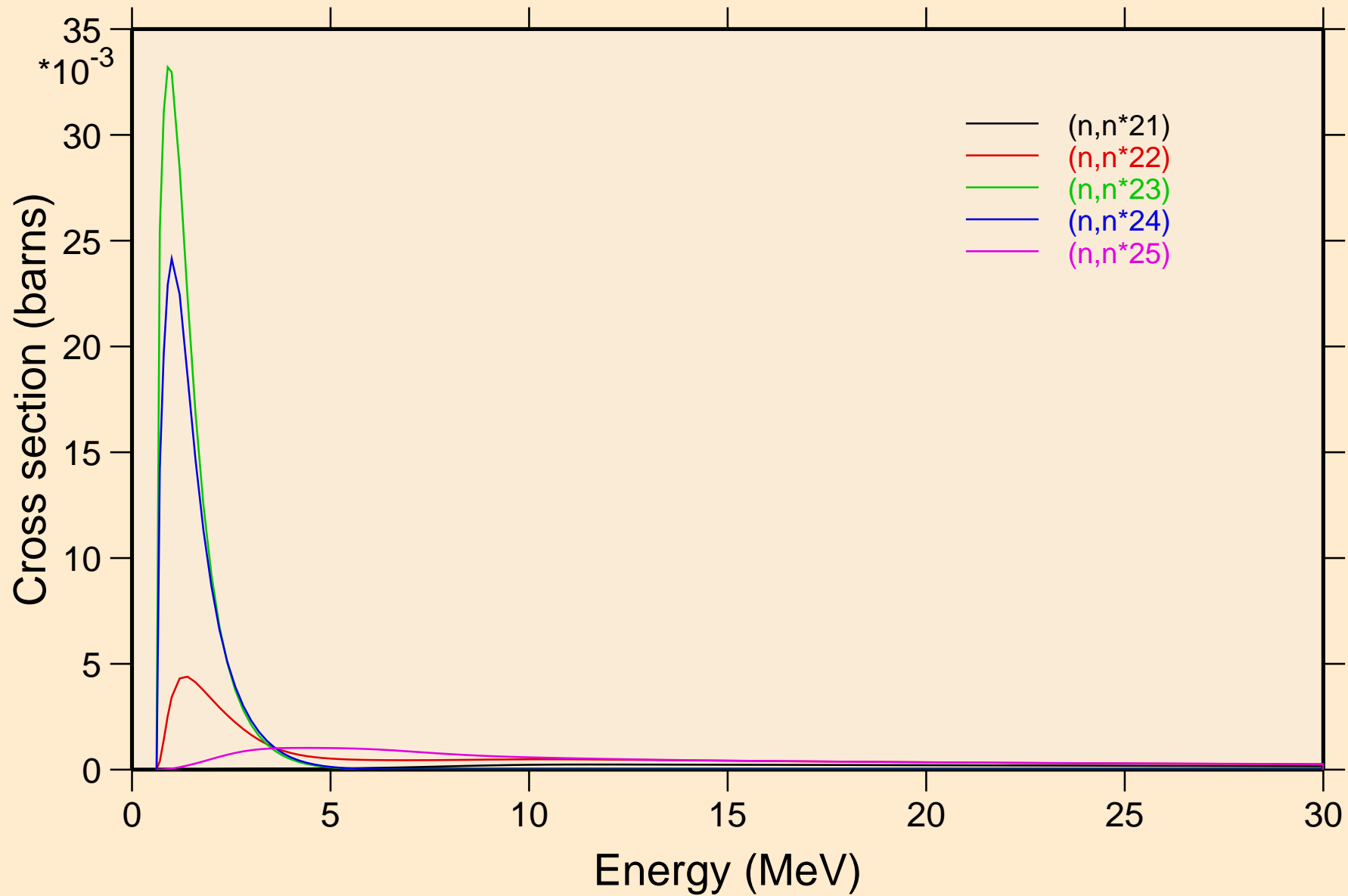
# PT183 NRG TENDL-2015, AKONING

## Inelastic levels

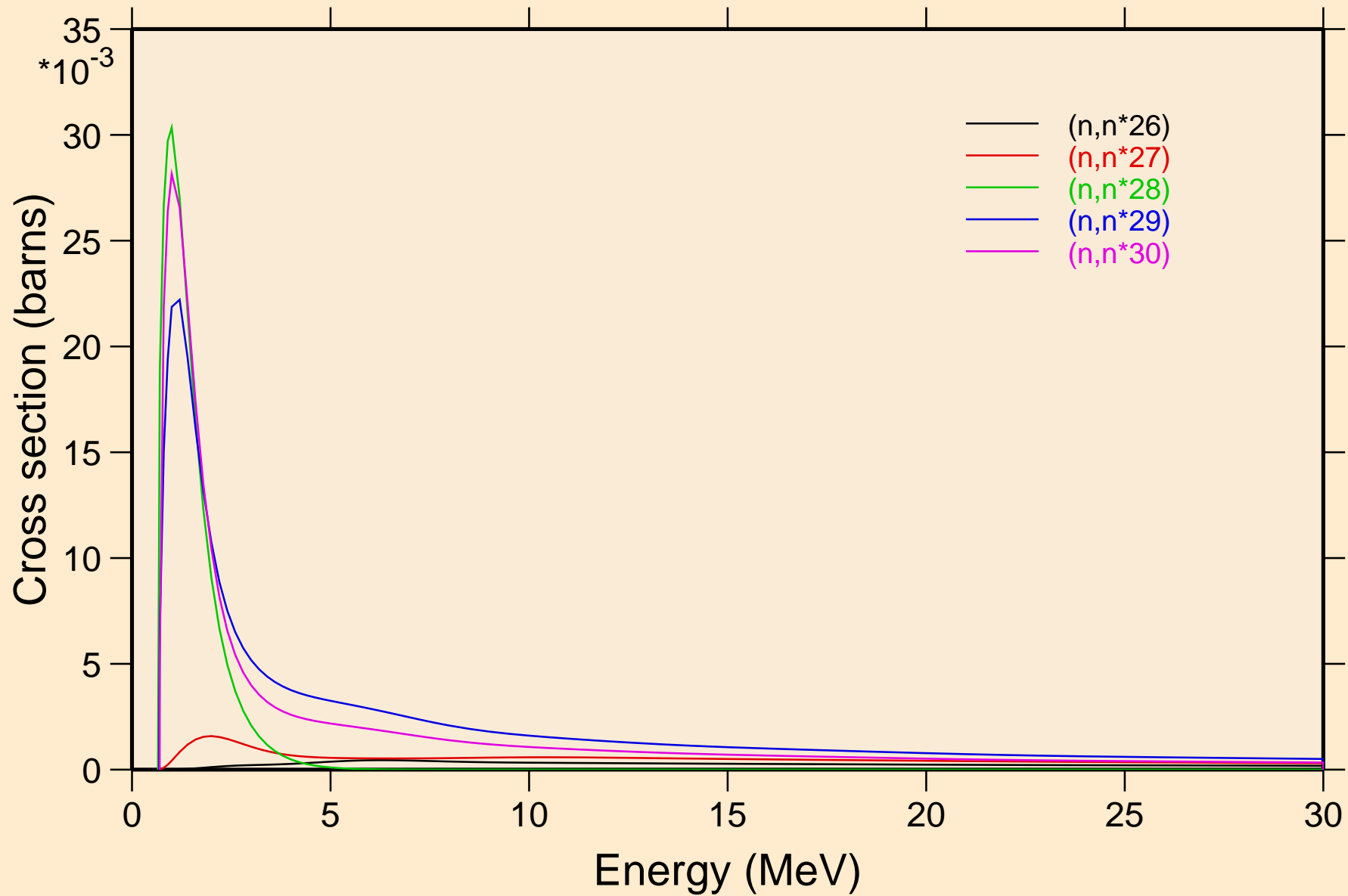




PT183 NRG TENDL-2015, AKONING  
Inelastic levels

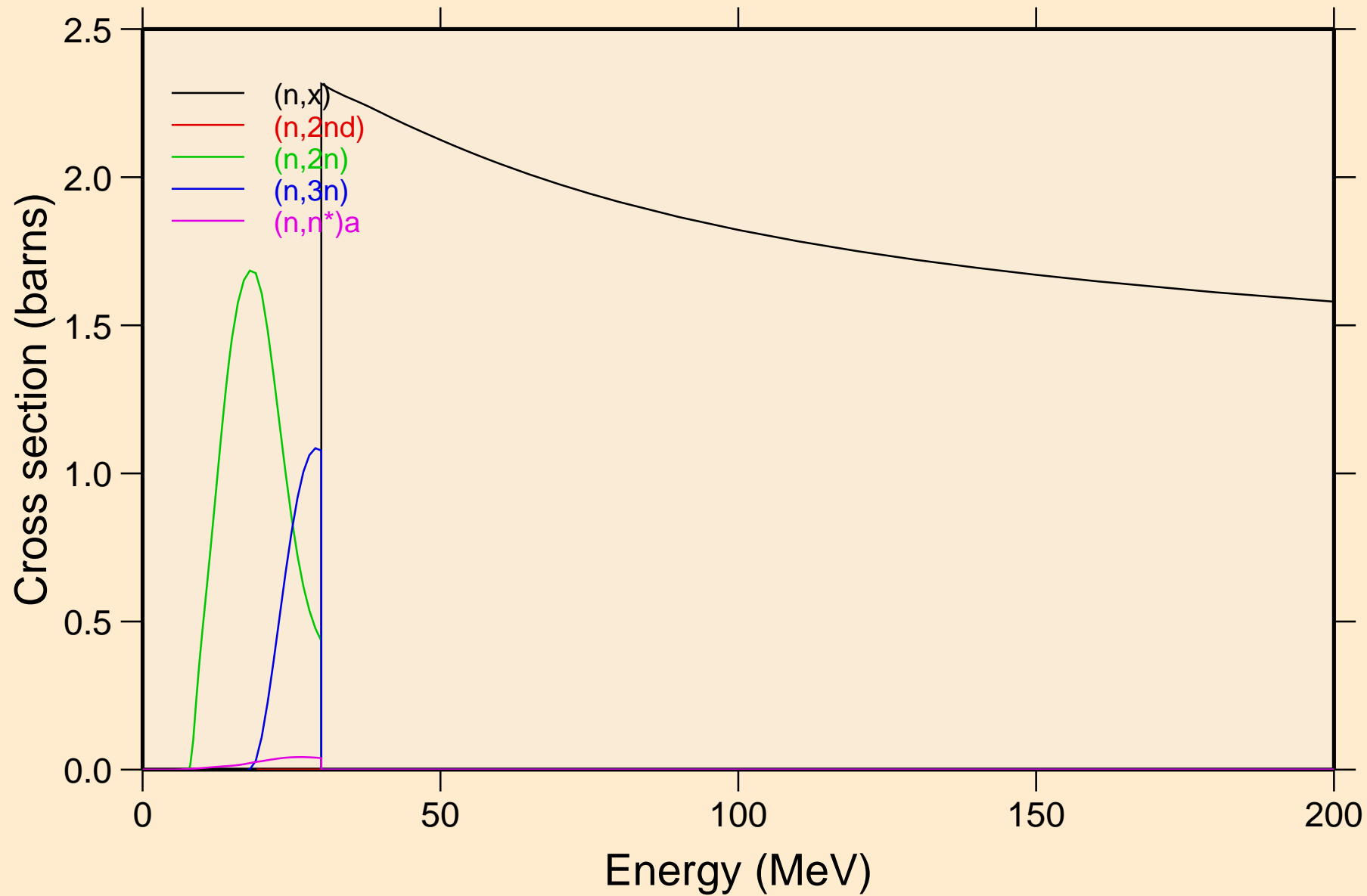


PT183 NRG TENDL-2015, AKONING  
Inelastic levels

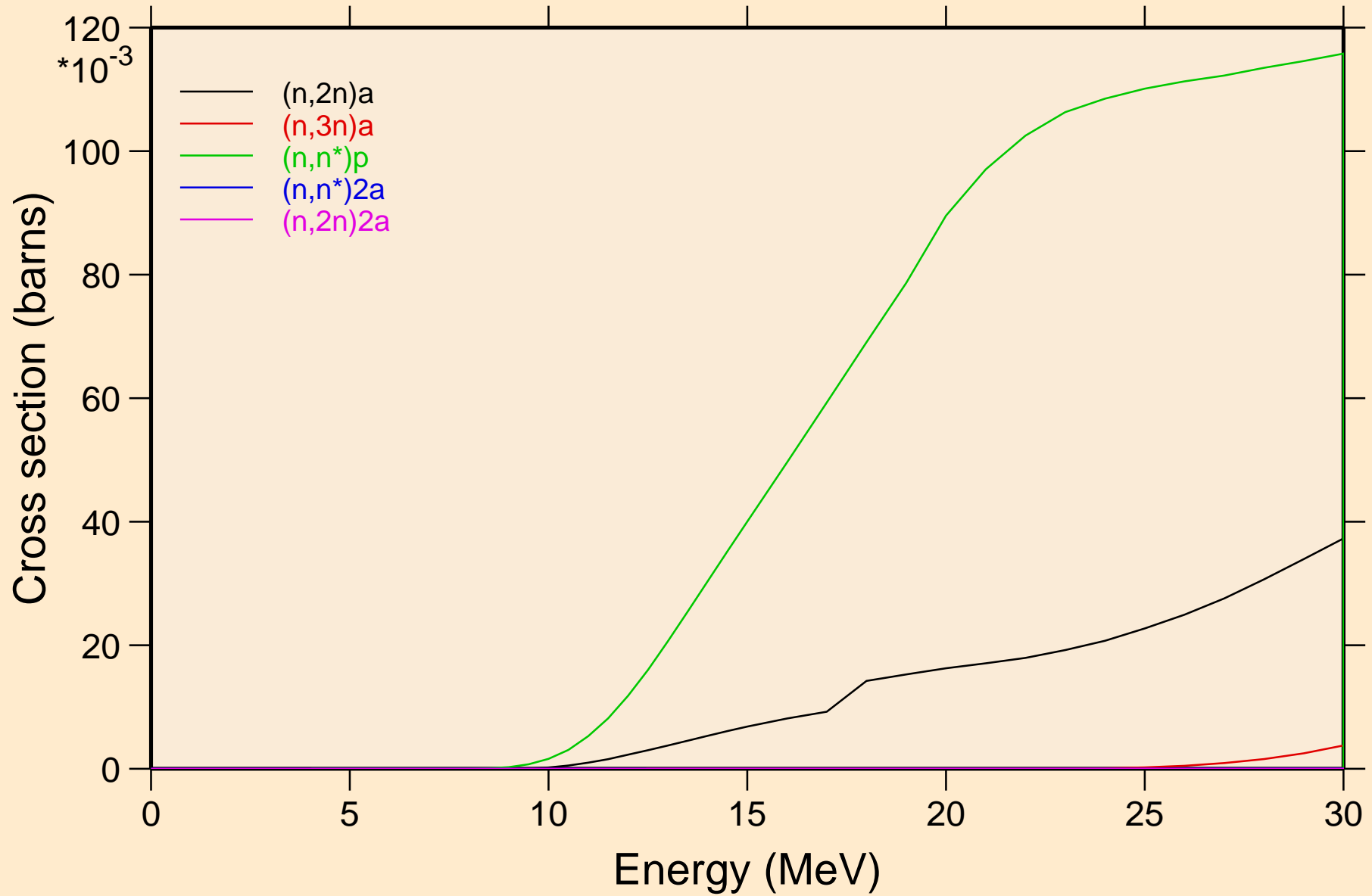


# PT183 NRG TENDL-2015, AKONING

## Threshold reactions

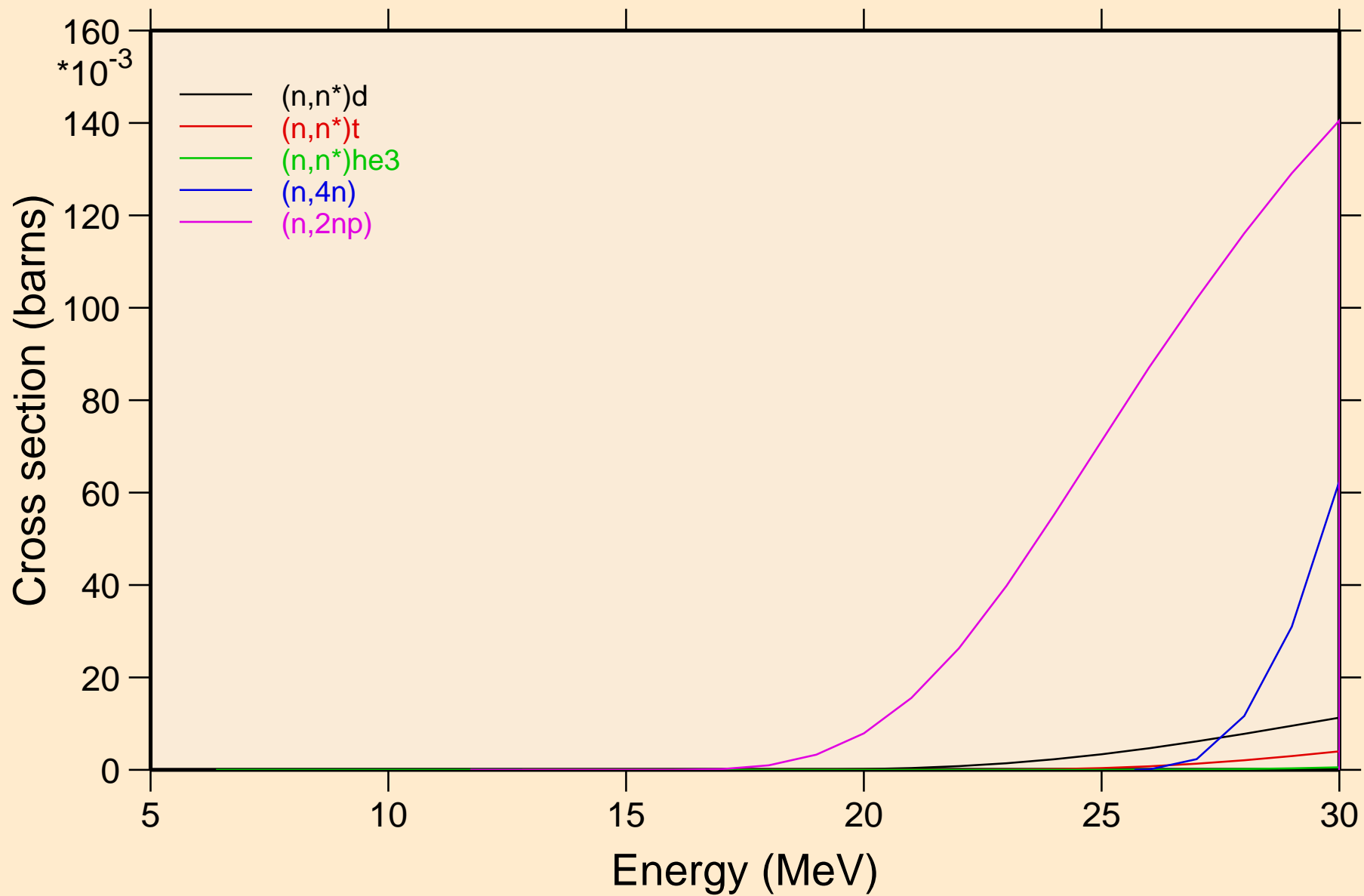


PT183 NRG TENDL-2015, AKONING  
Threshold reactions



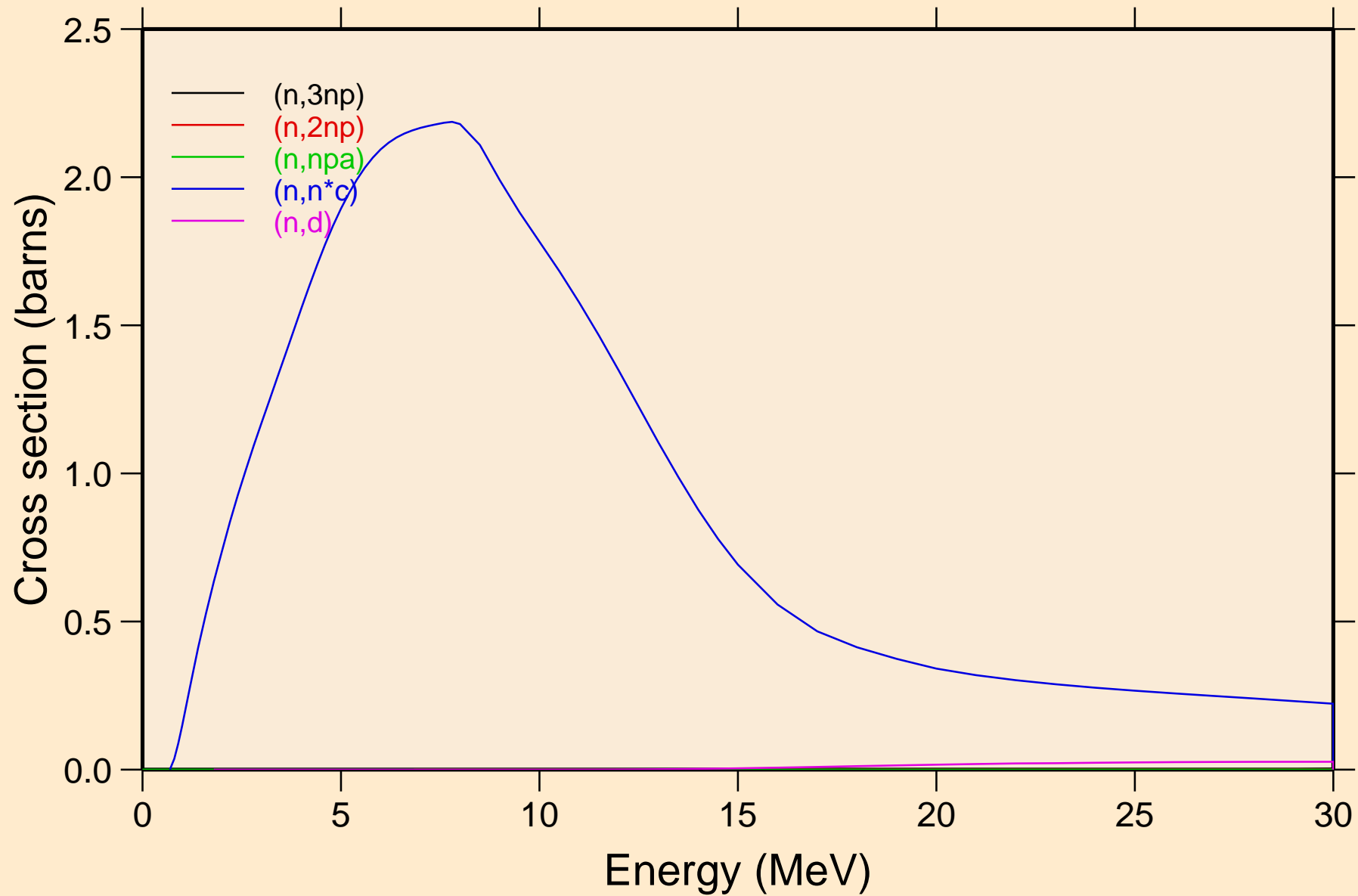
# PT183 NRG TENDL-2015, AKONING

## Threshold reactions



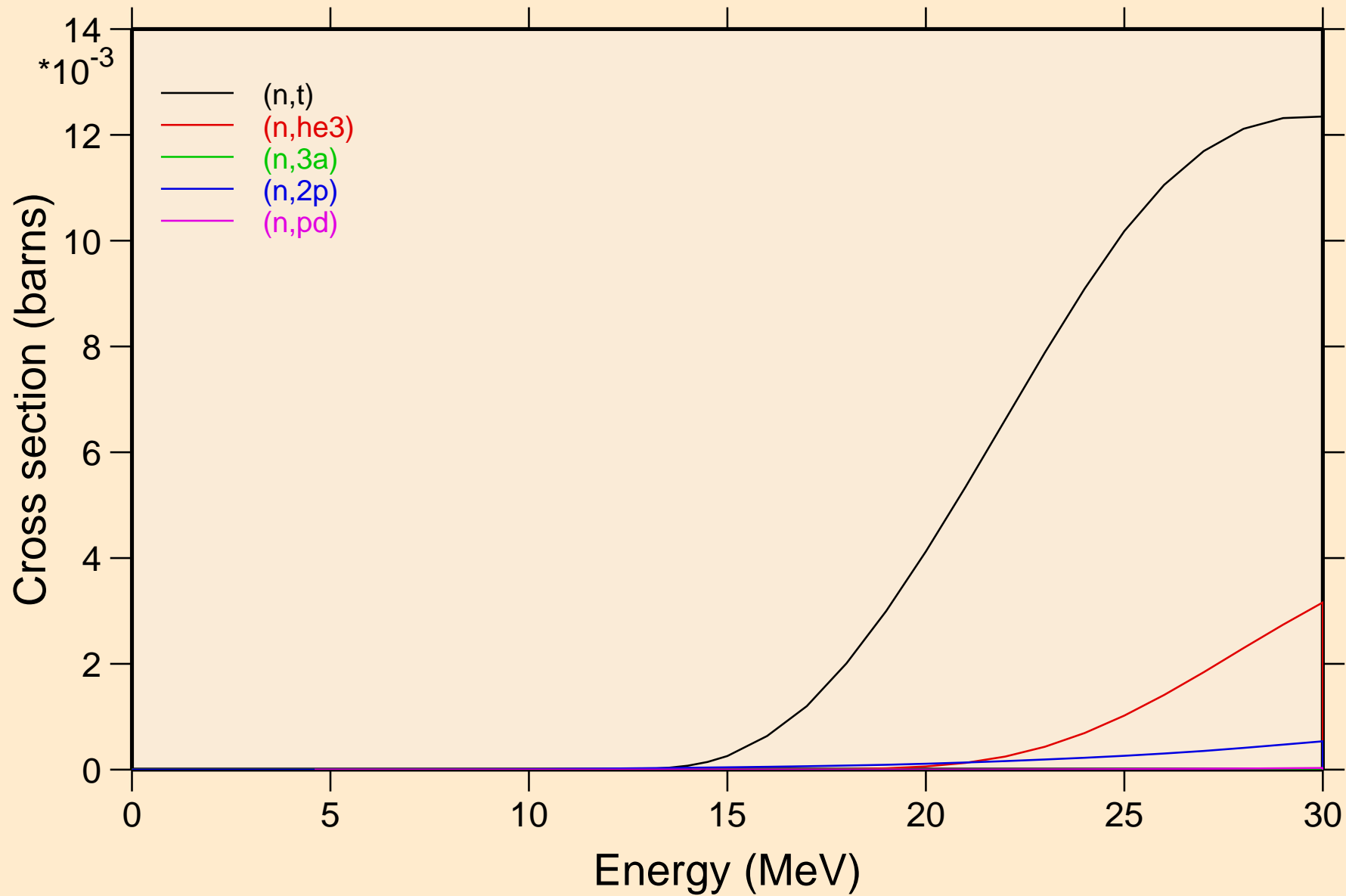
# PT183 NRG TENDL-2015, AKONING

## Threshold reactions



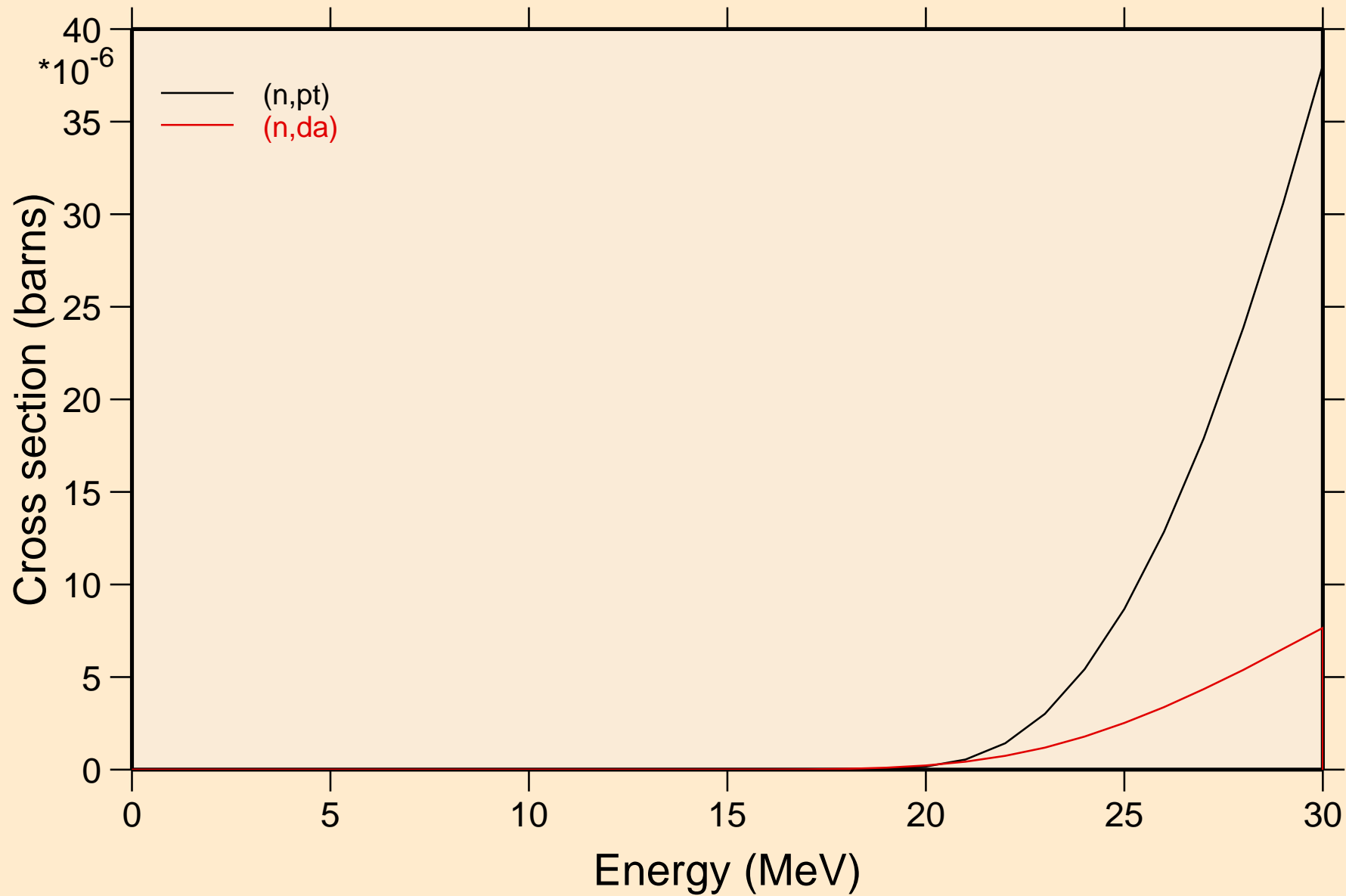
# PT183 NRG TENDL-2015, AKONING

## Threshold reactions



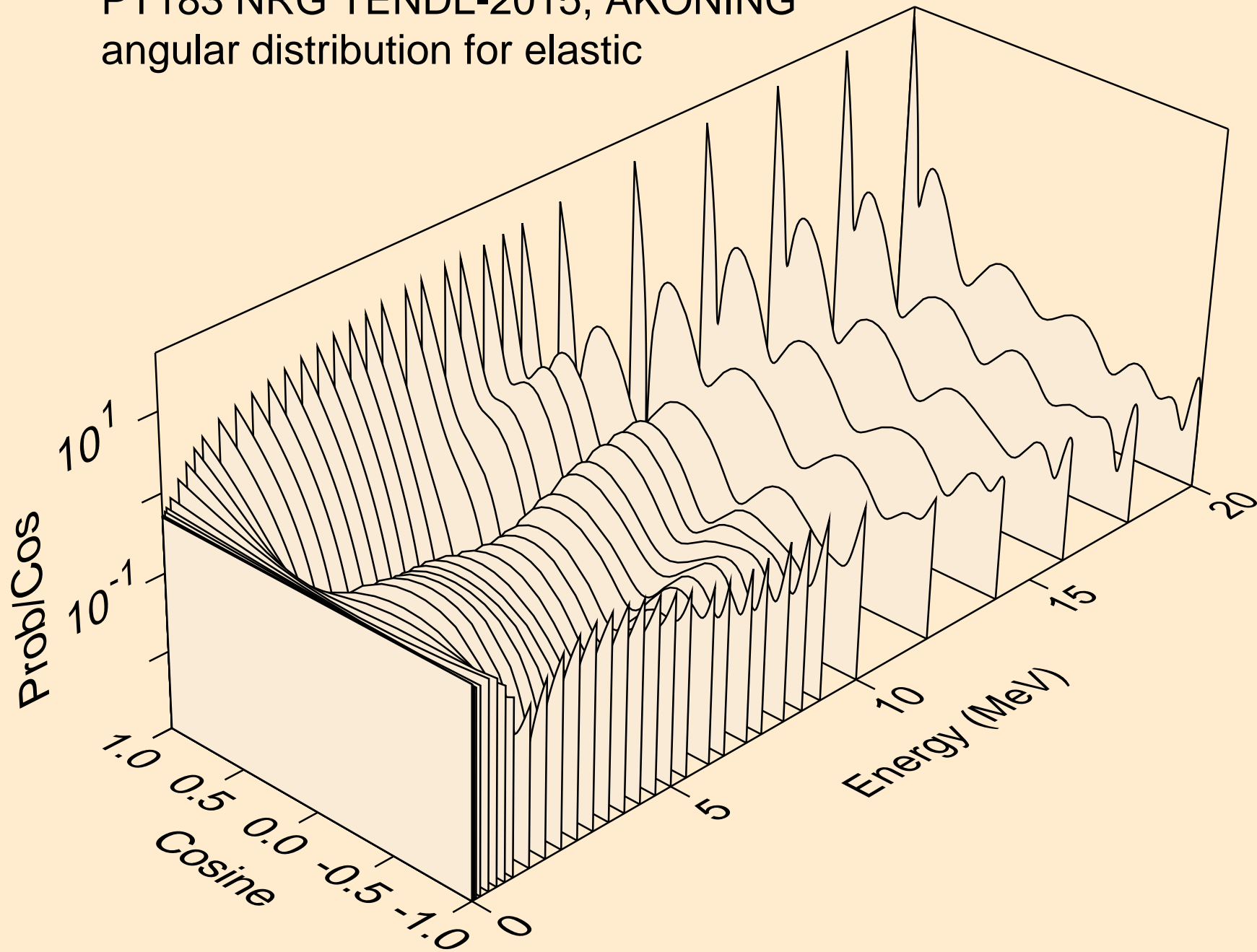
# PT183 NRG TENDL-2015, AKONING

## Threshold reactions

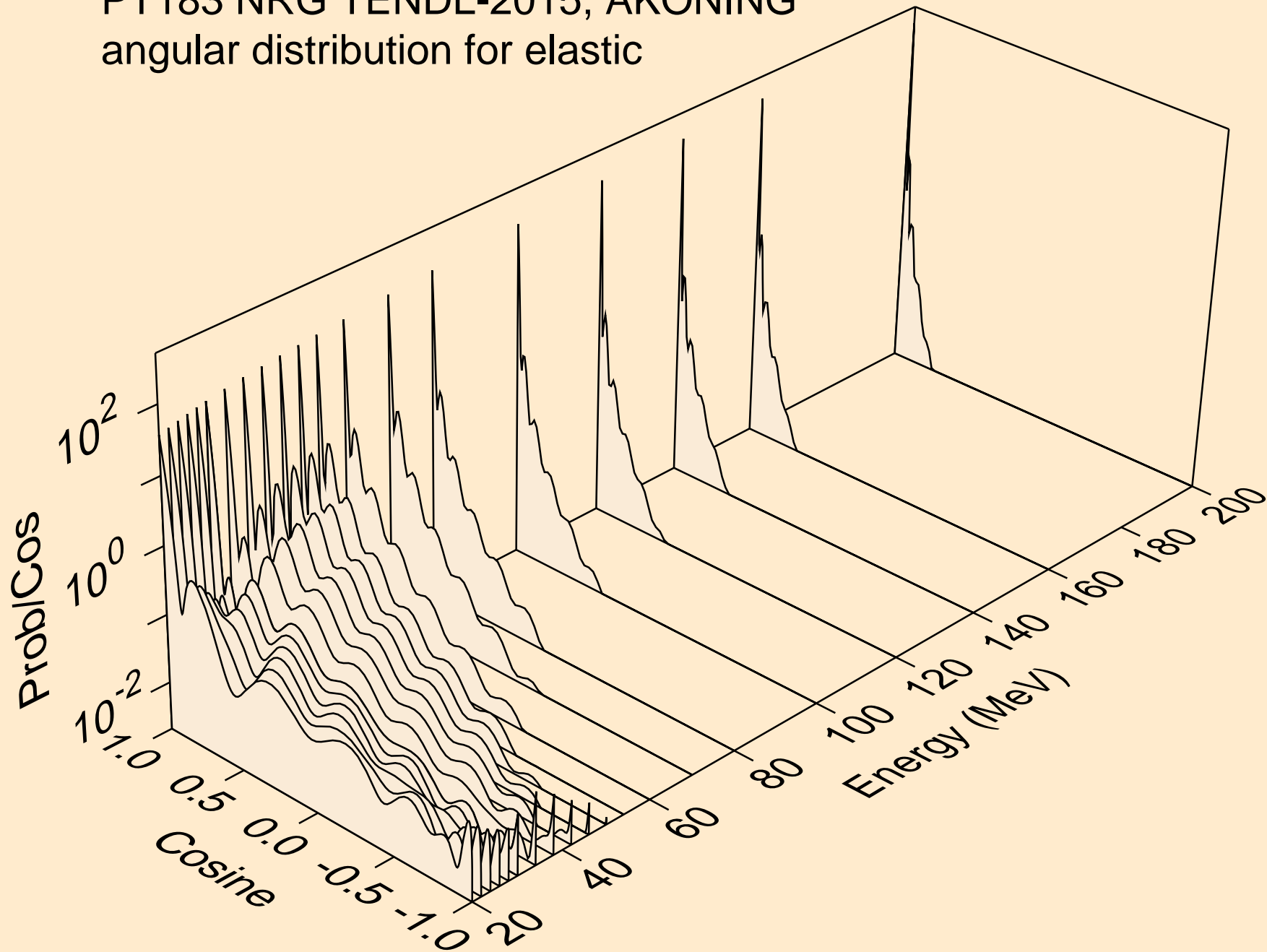




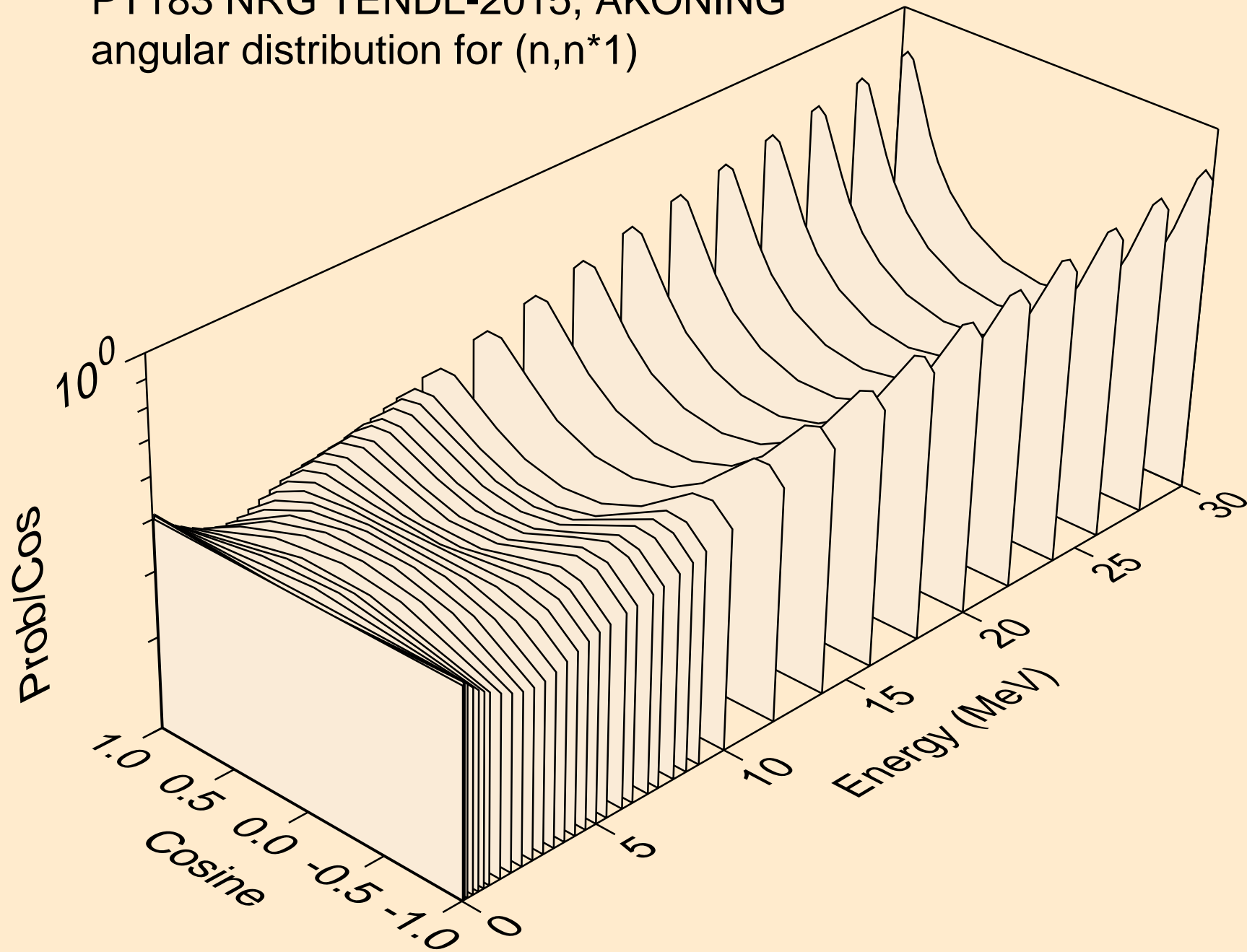
PT183 NRG TENDL-2015, AKONING  
angular distribution for elastic



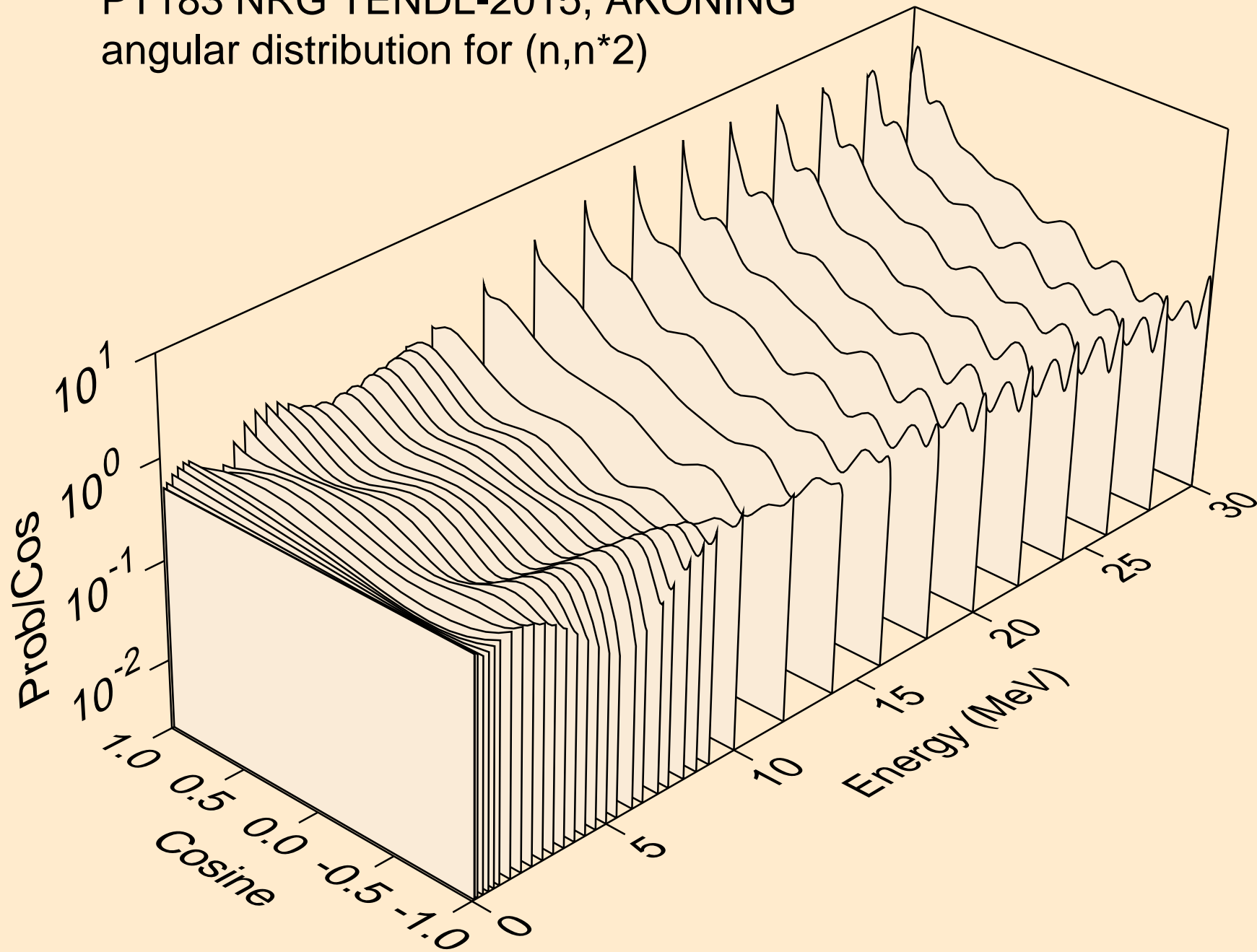
PT183 NRG TENDL-2015, AKONING  
angular distribution for elastic



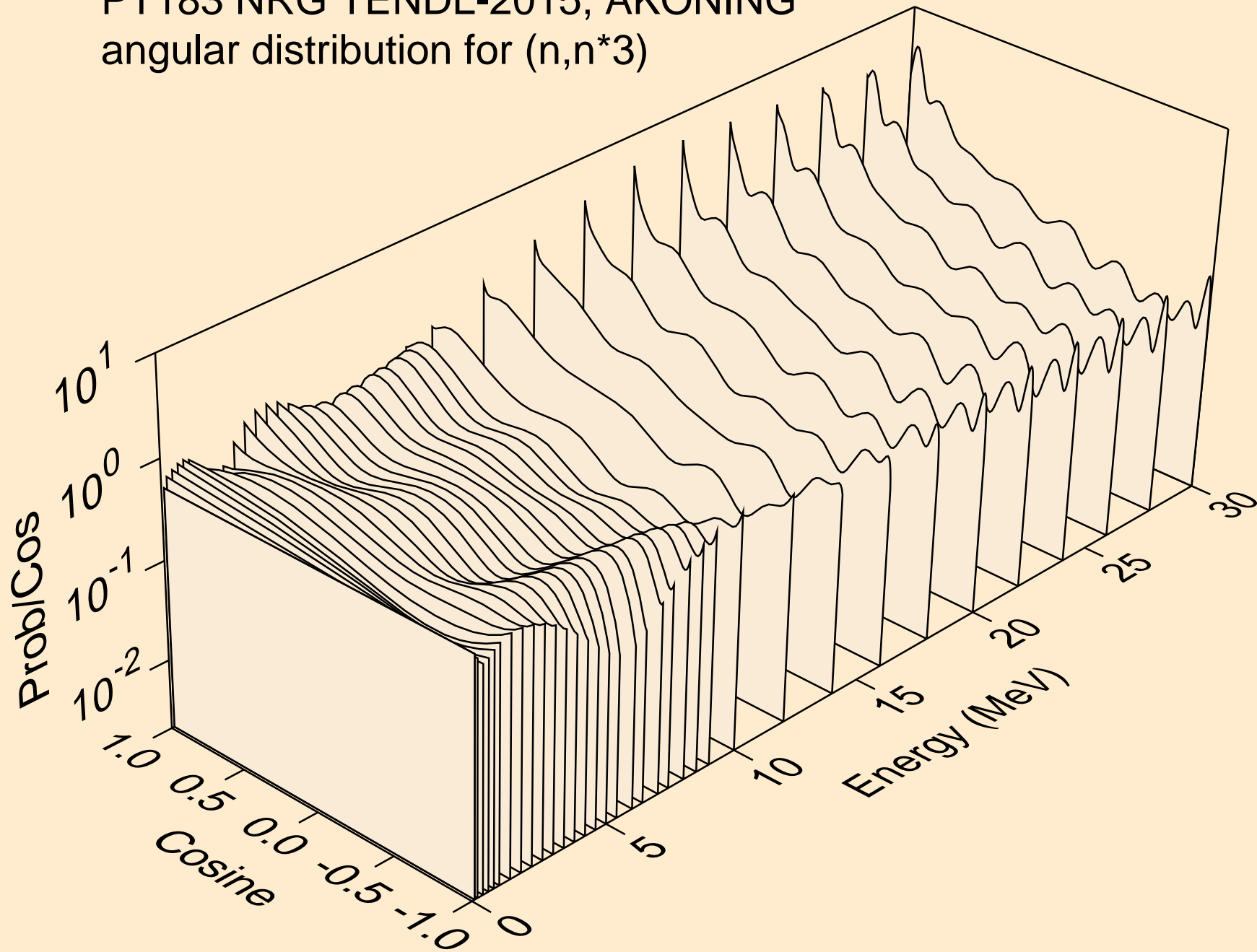
PT183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



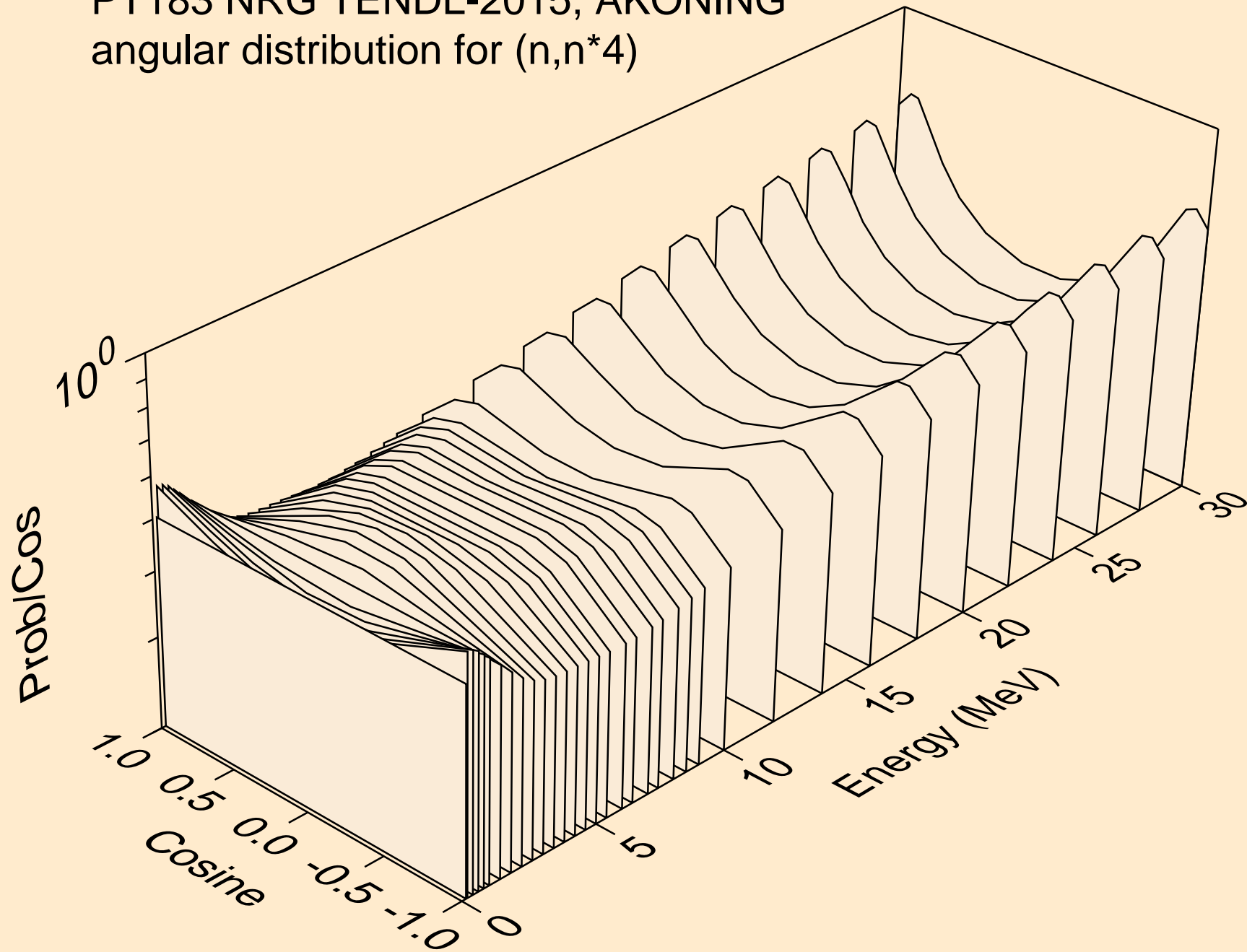
PT183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



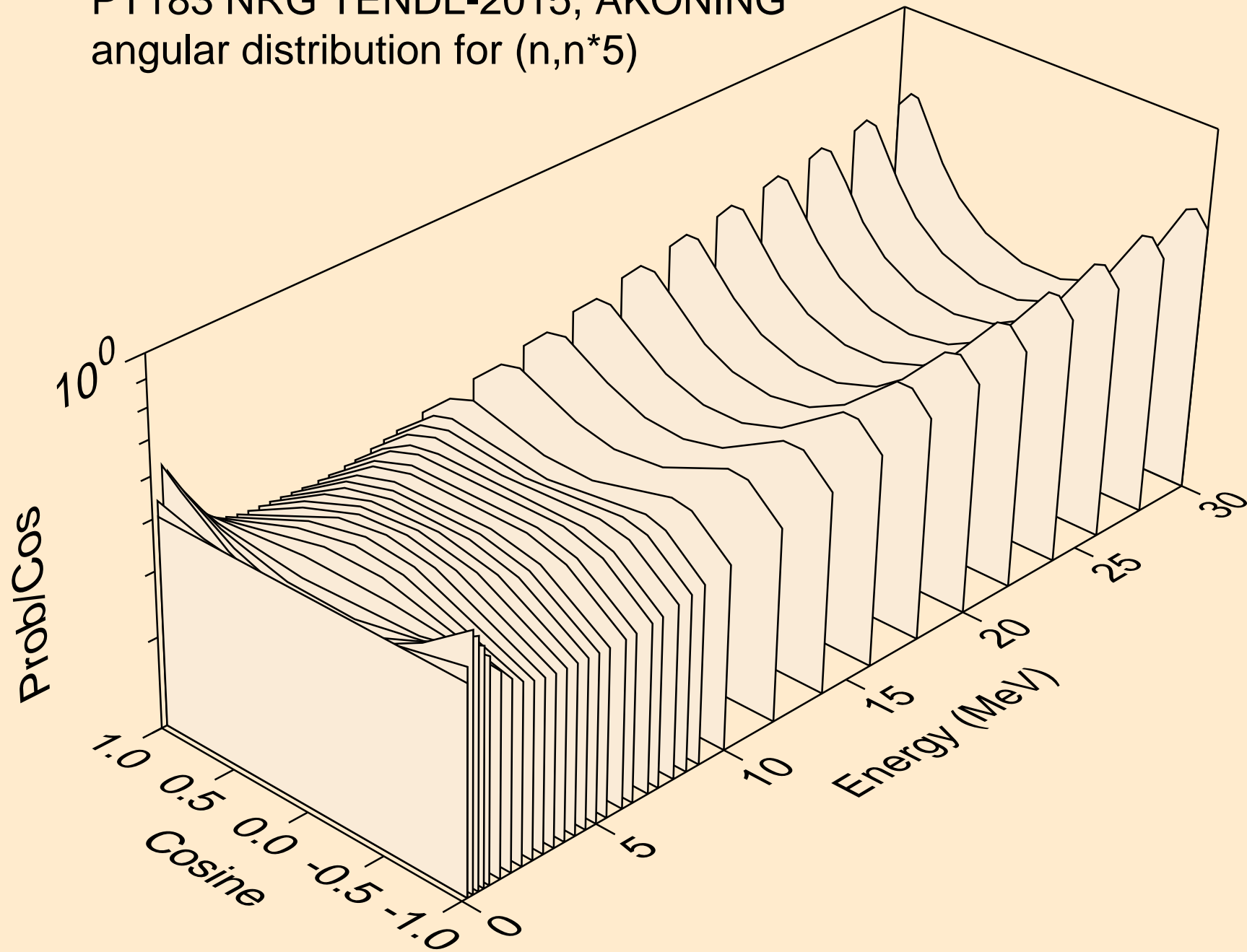
PT183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



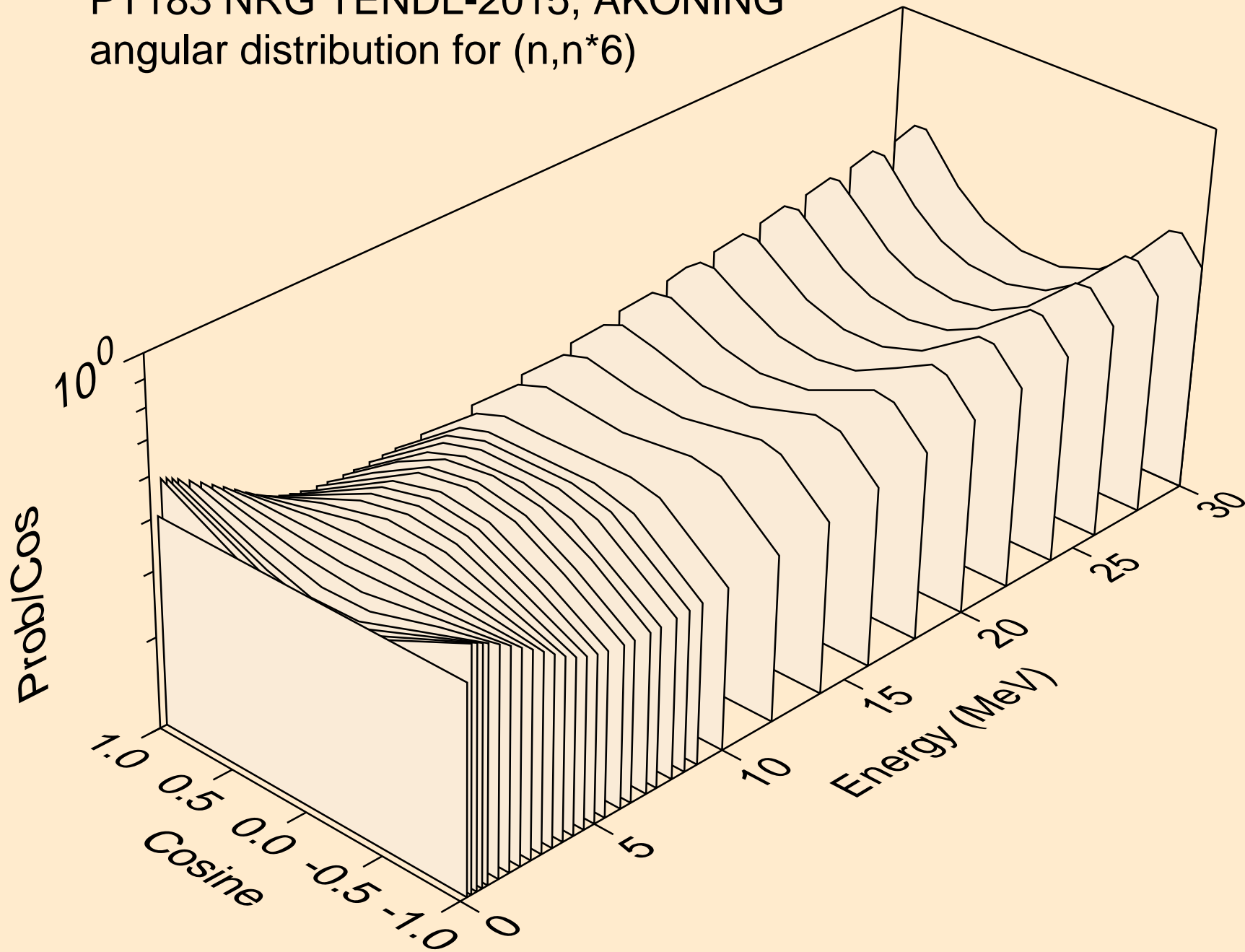
PT183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



PT183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

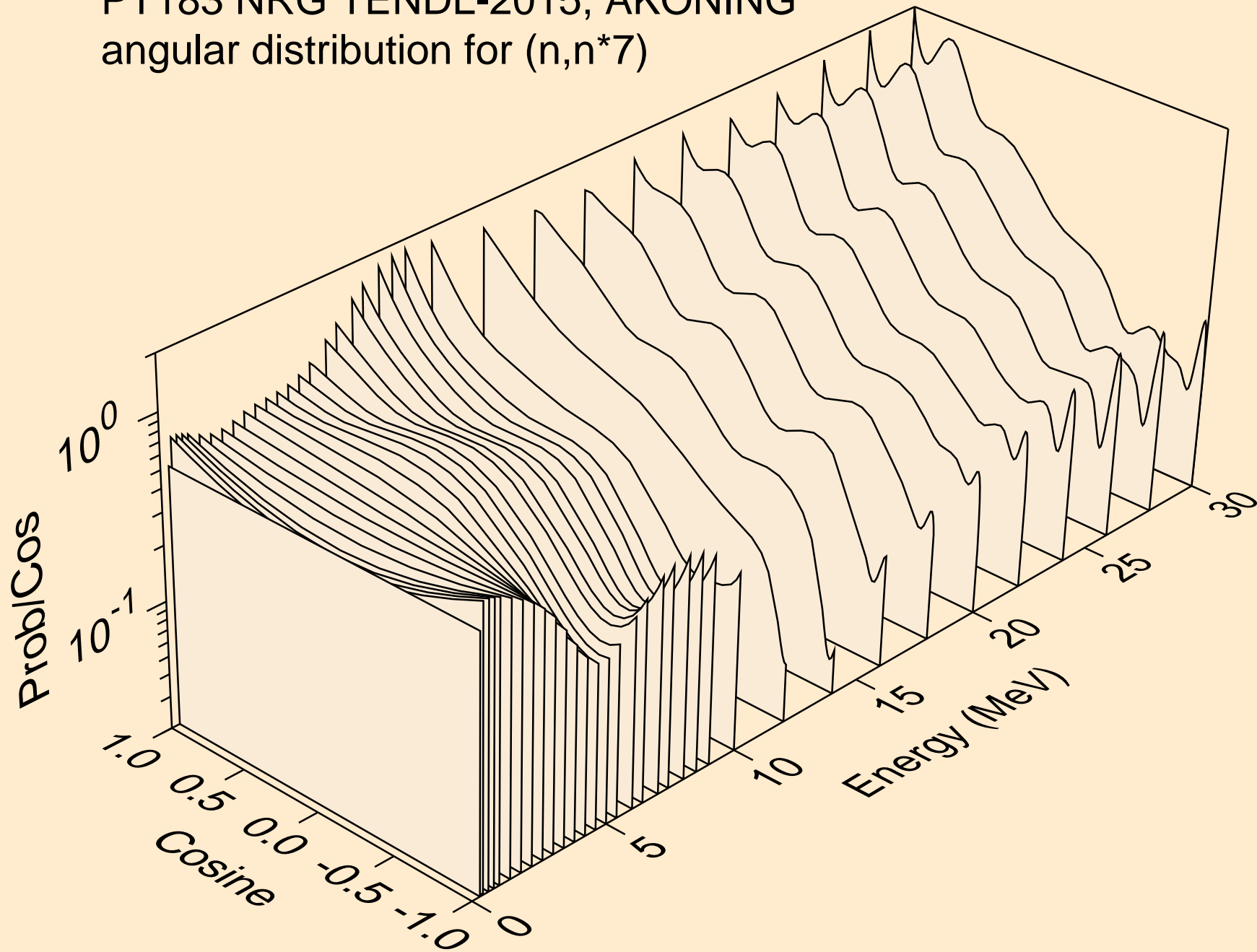


PT183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

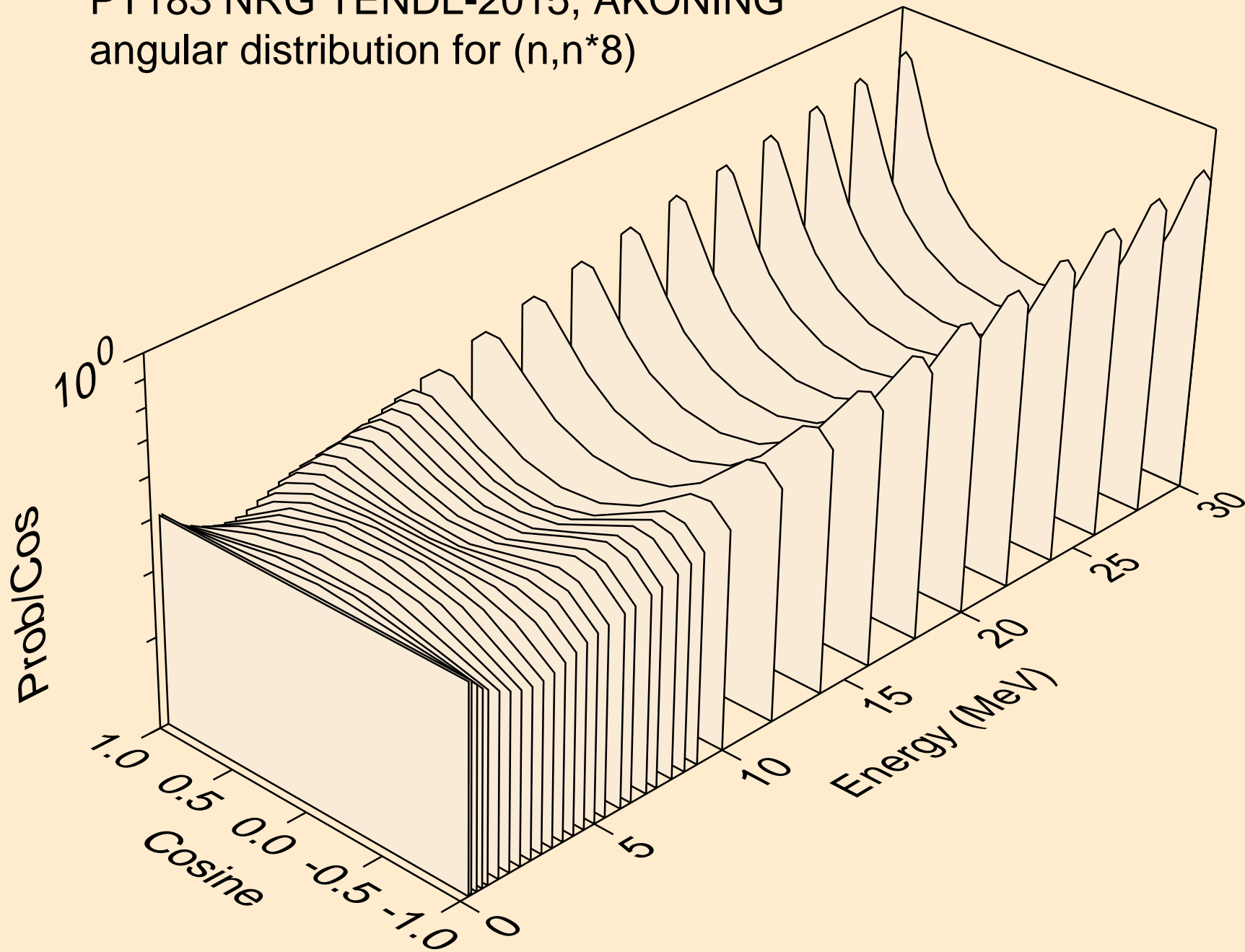




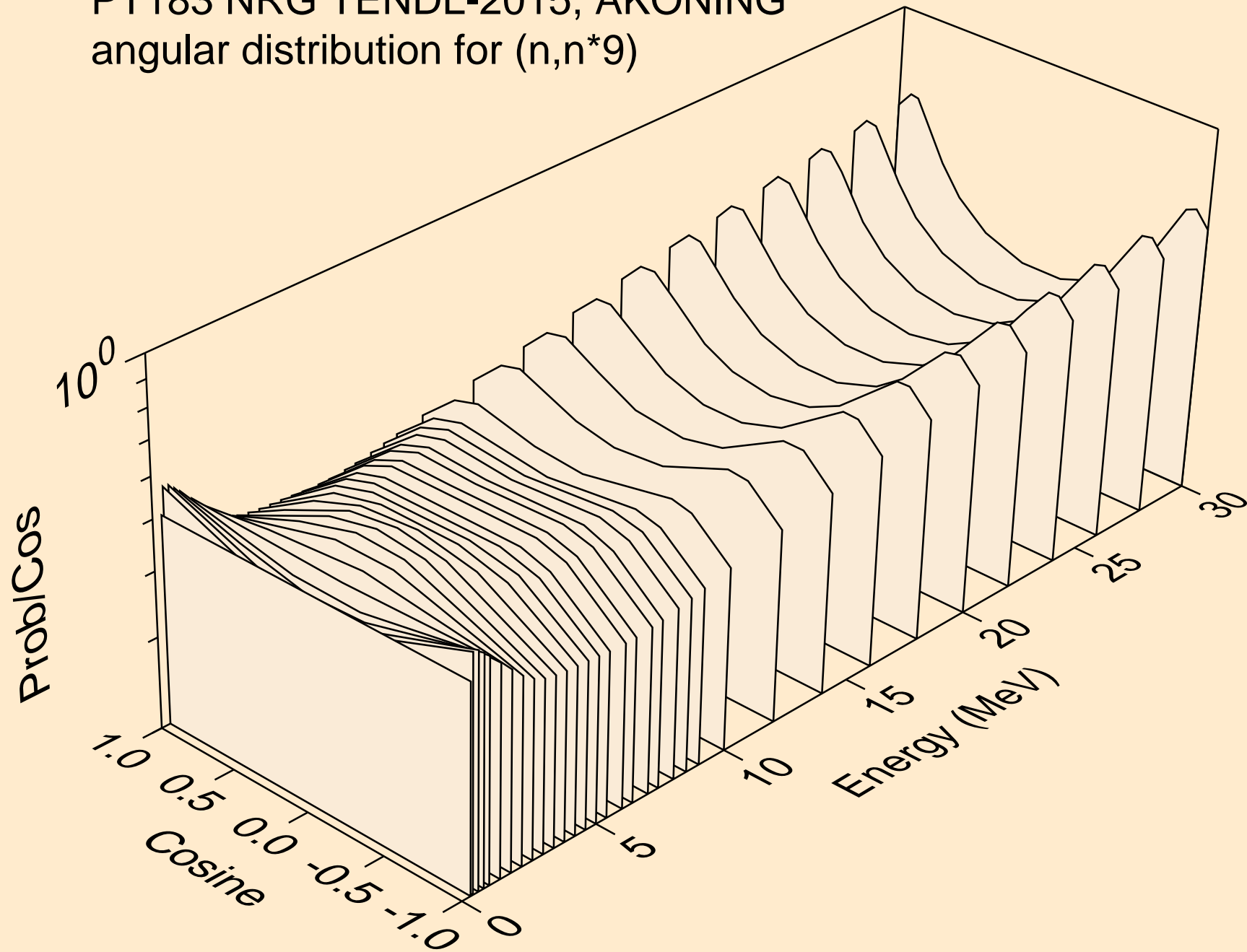
PT183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



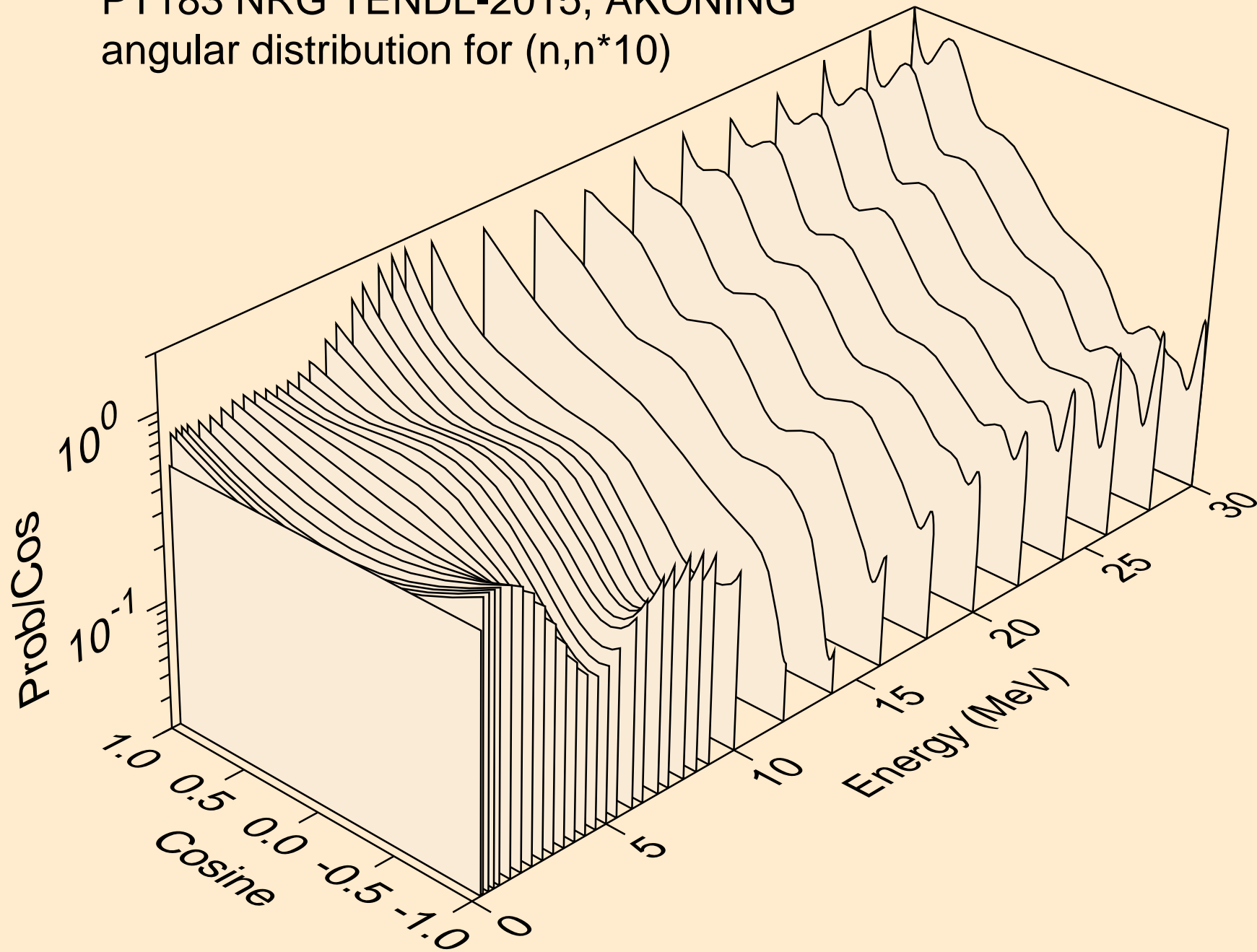
PT183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



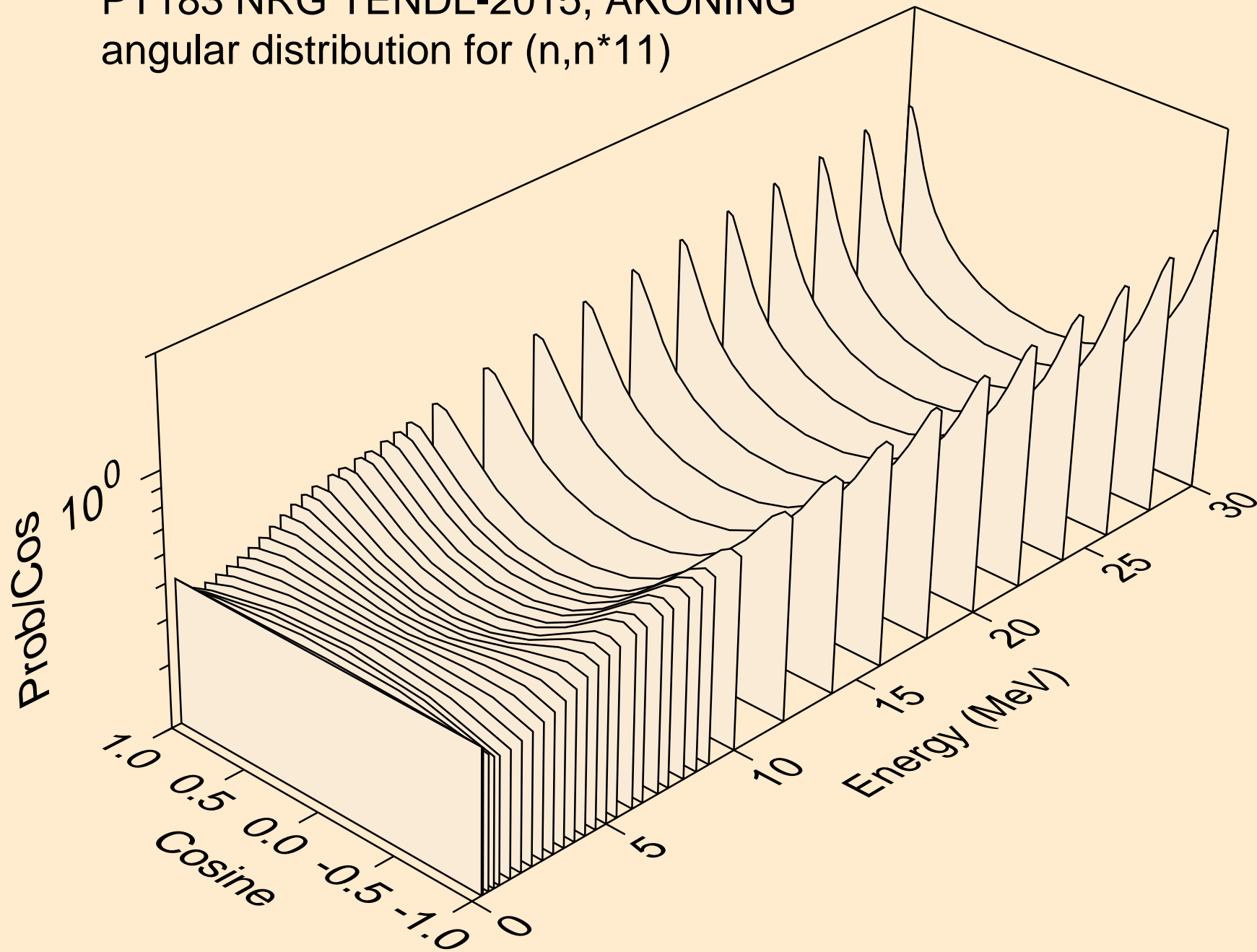
PT183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



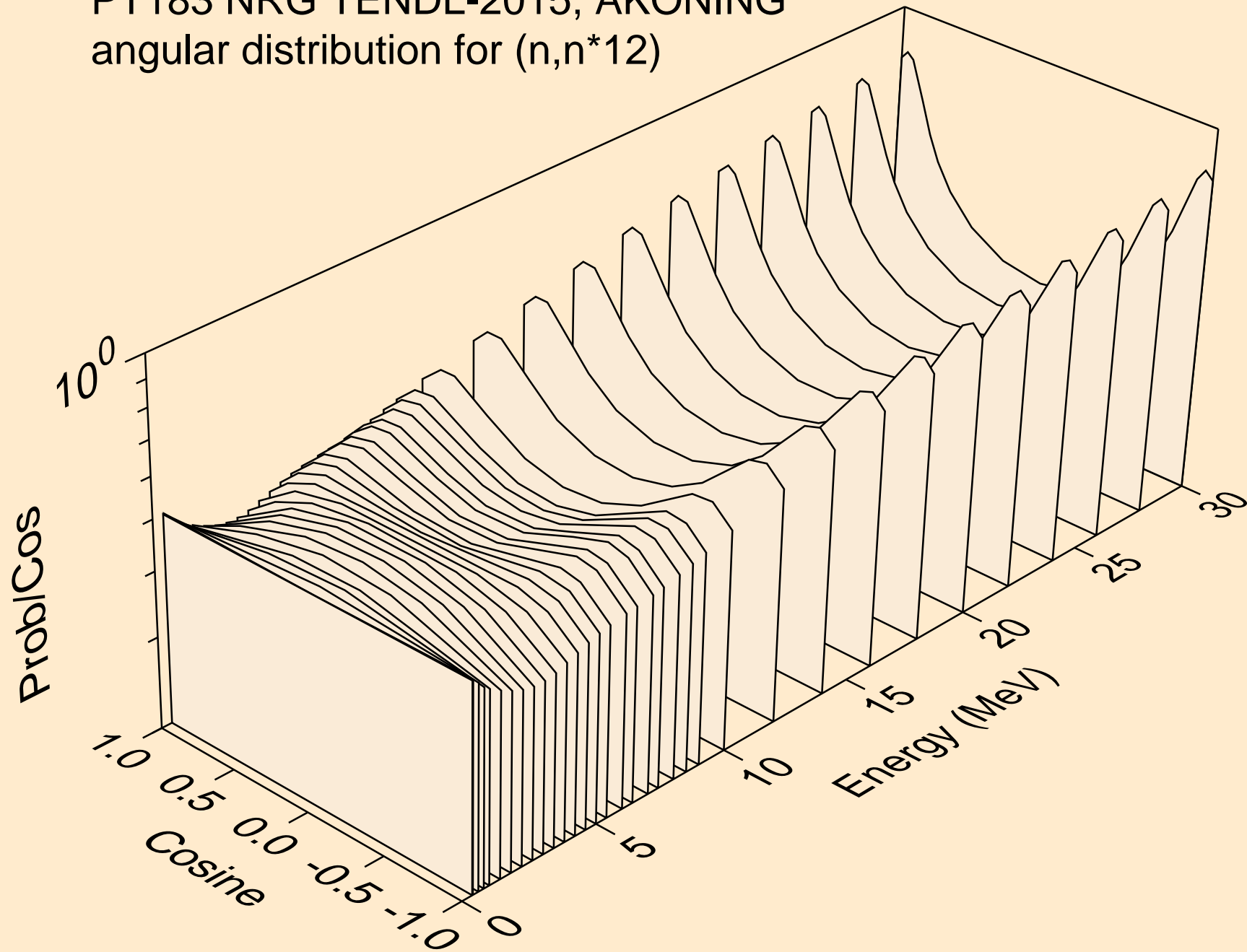
PT183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



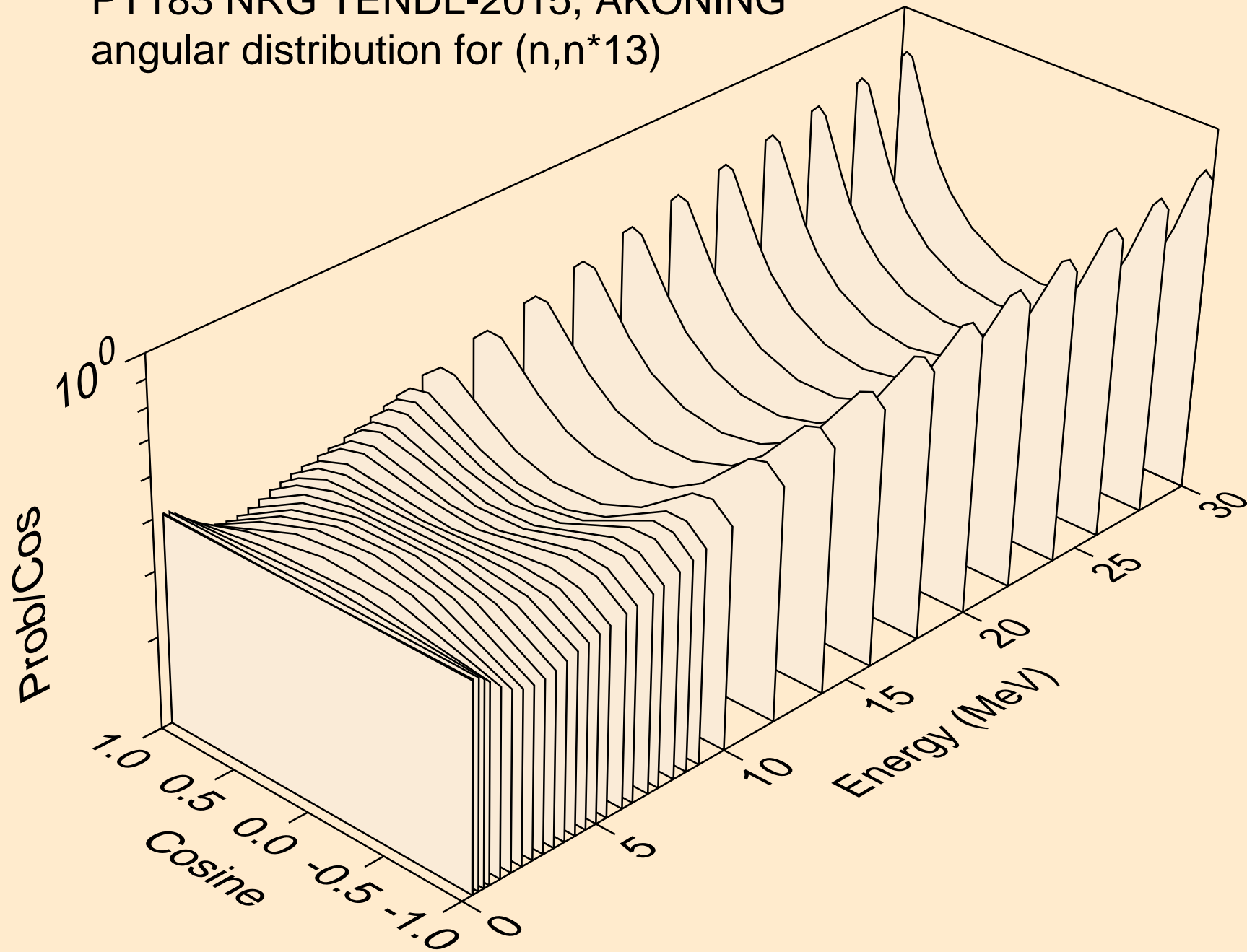
PT183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



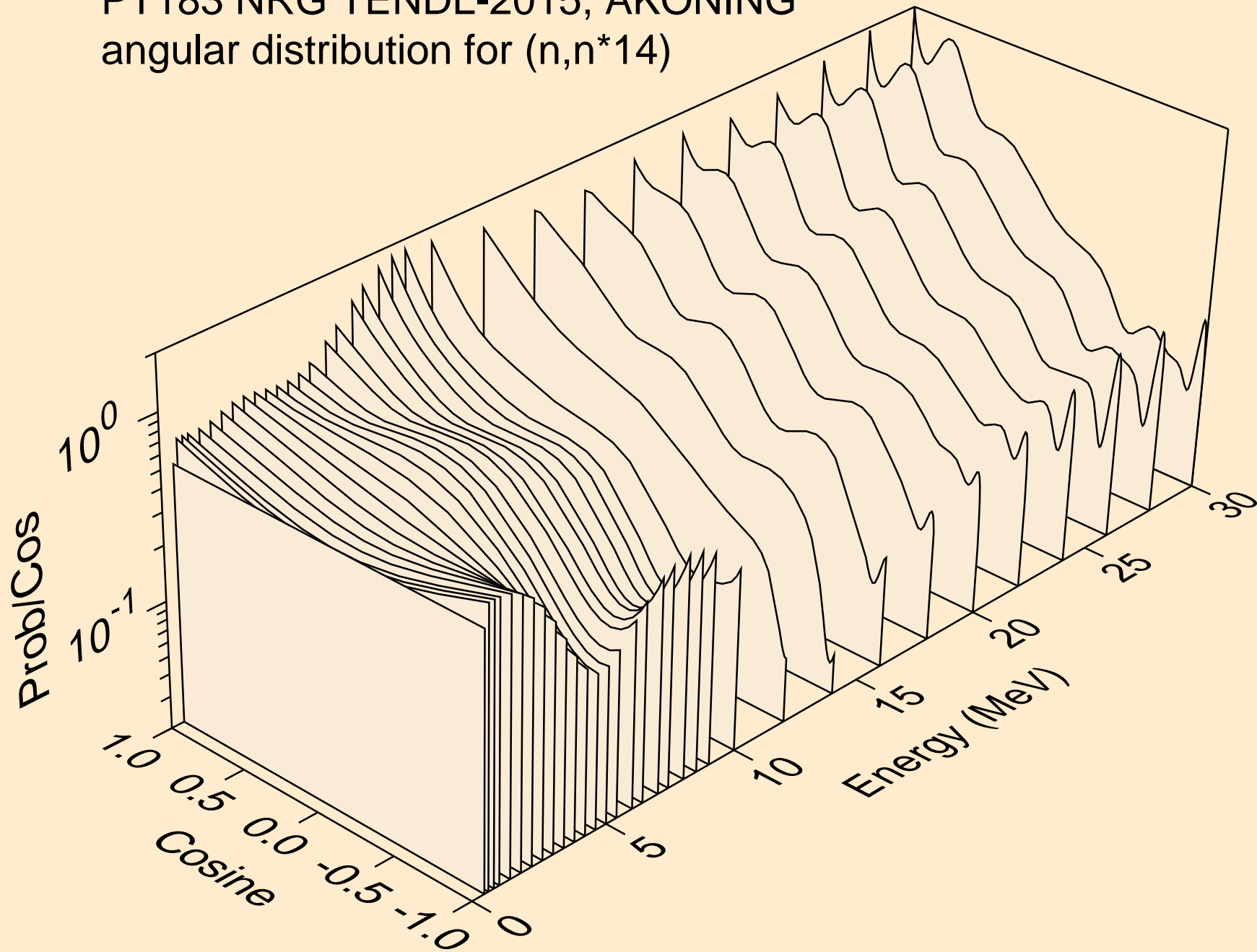
PT183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



PT183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

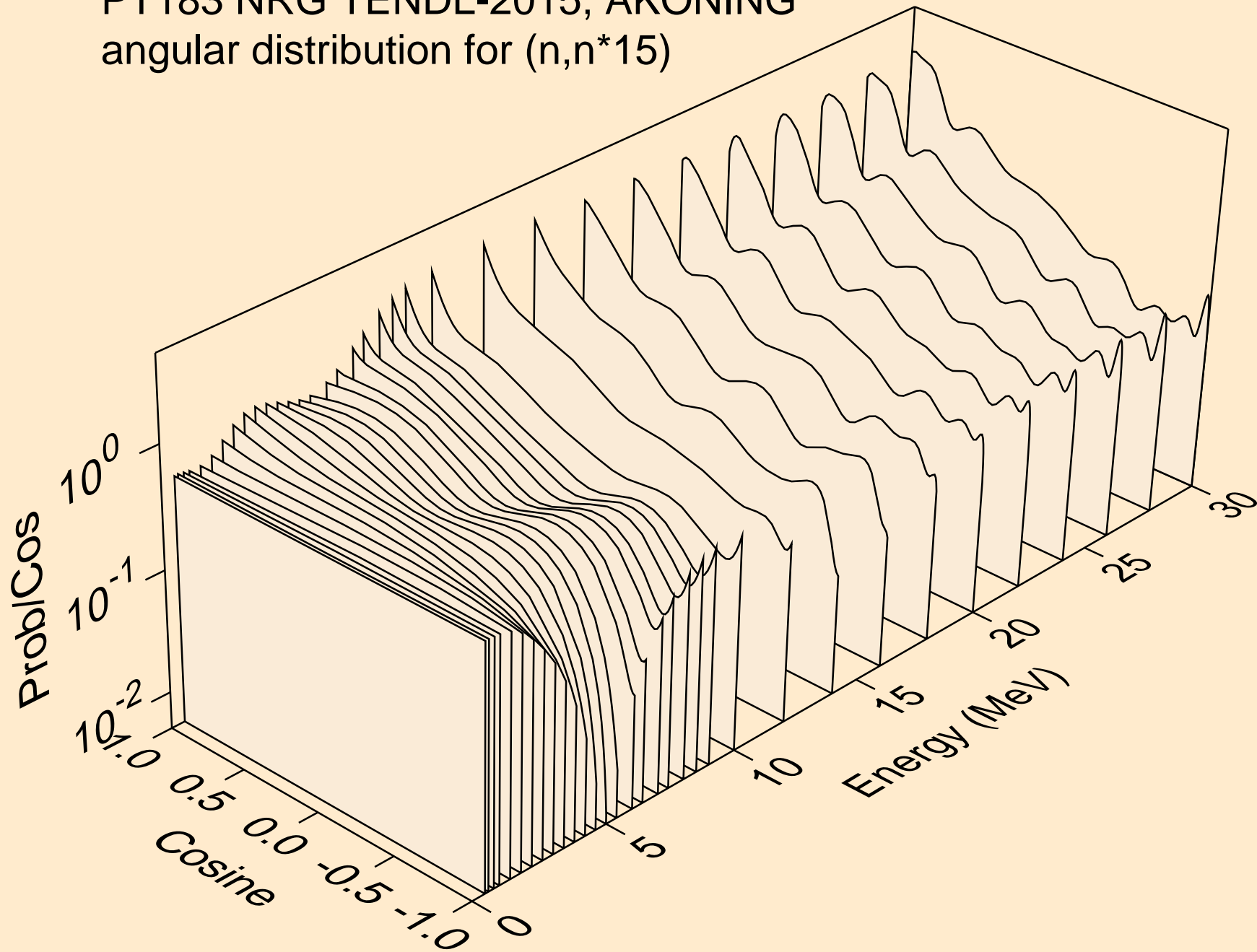


PT183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

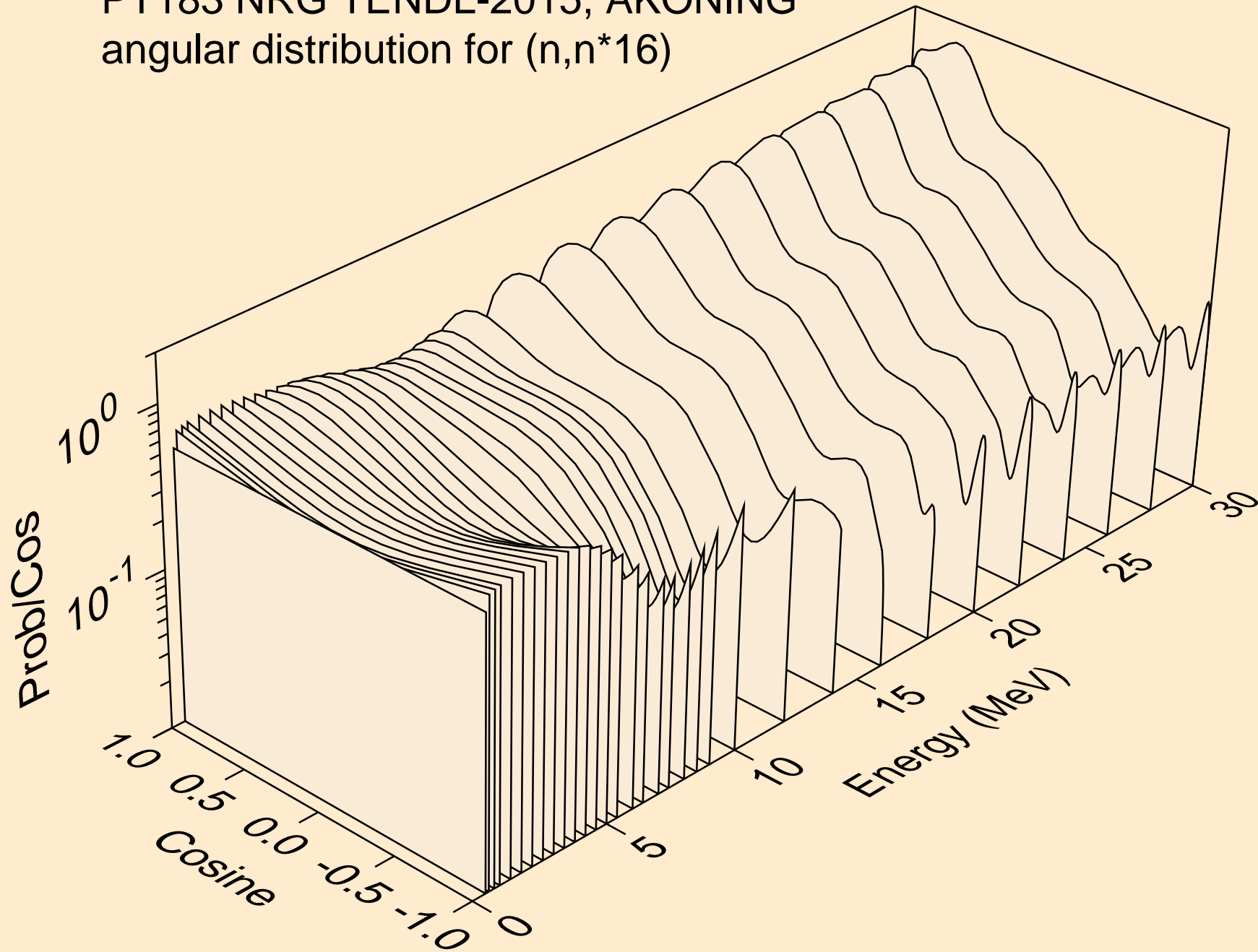




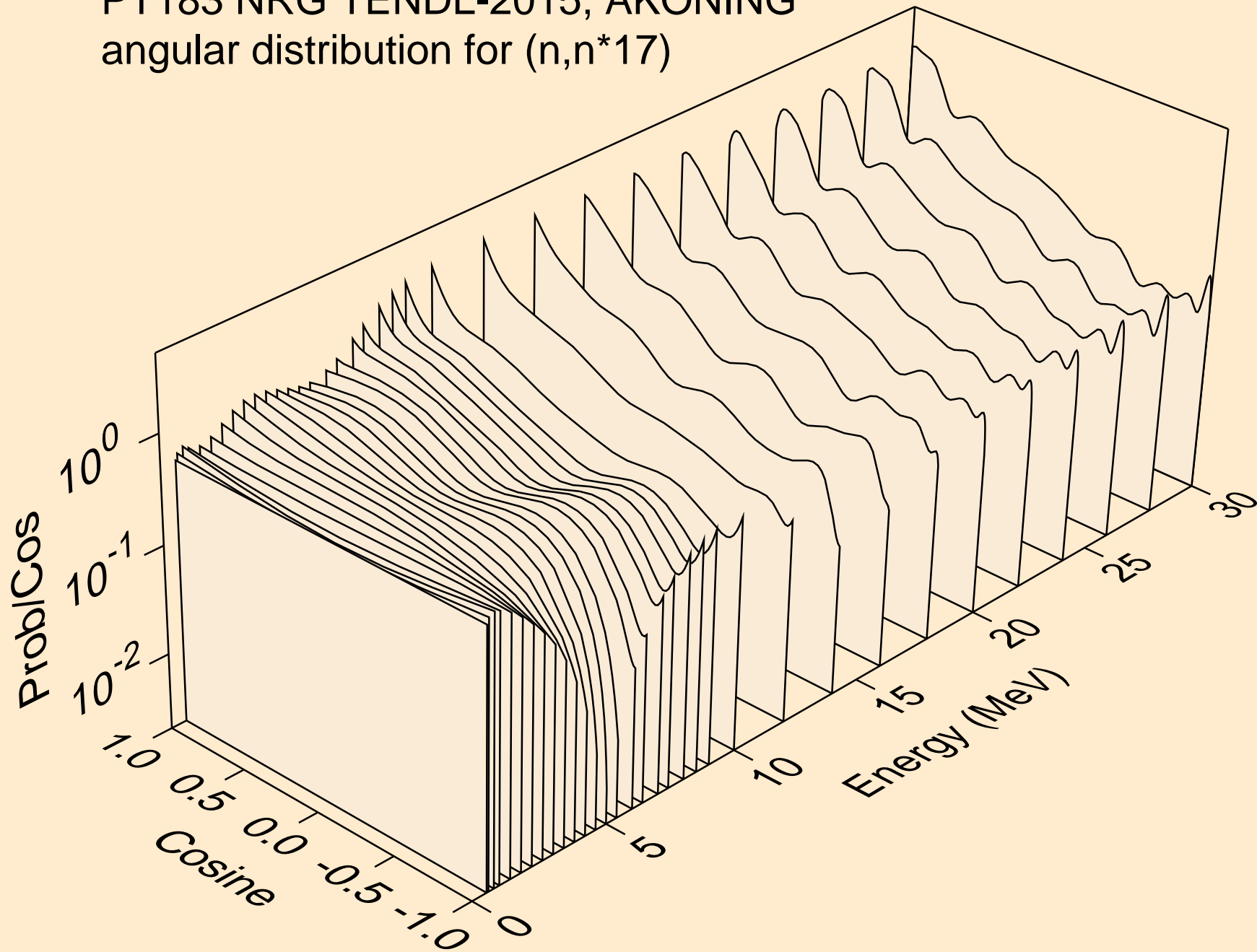
PT183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



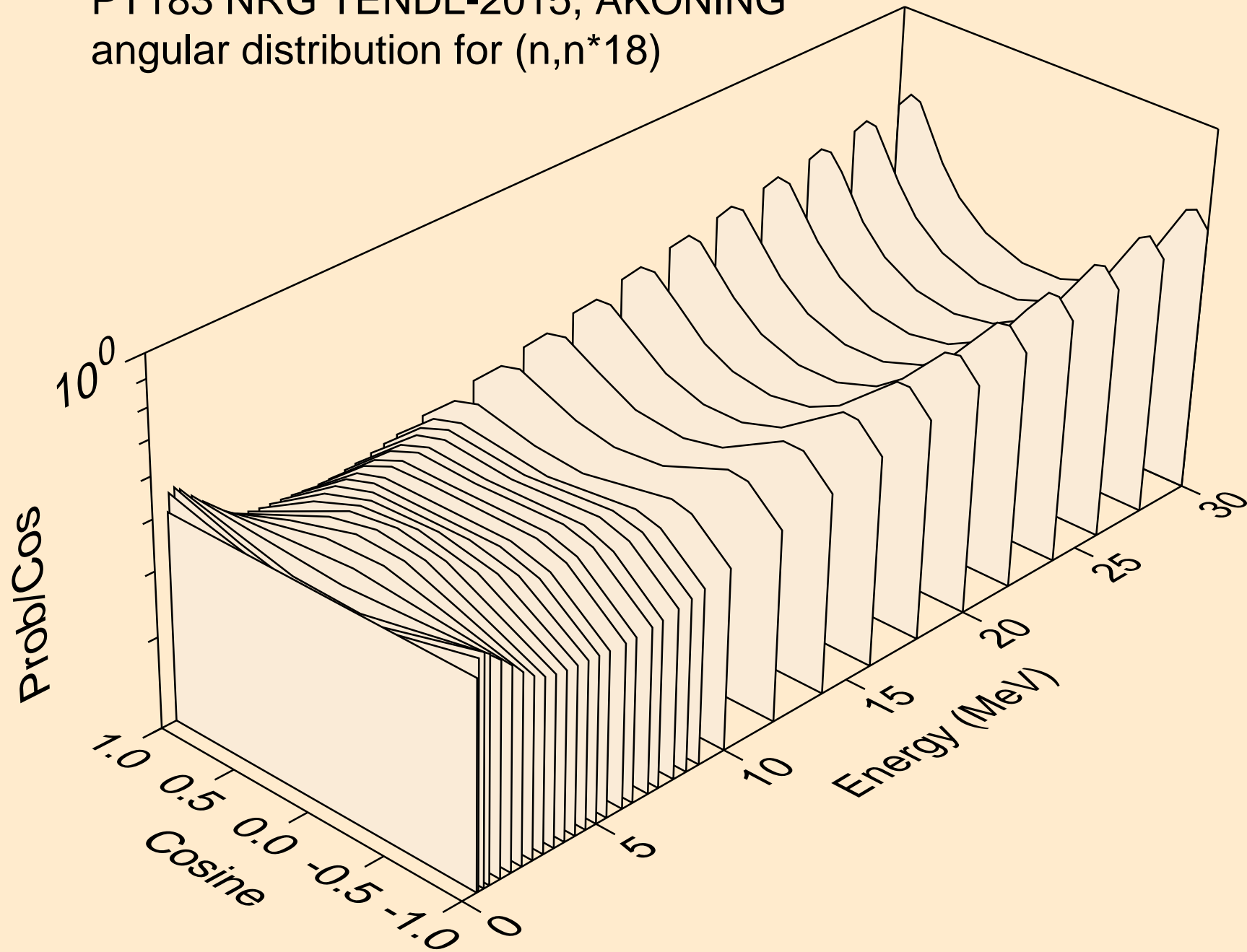
PT183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



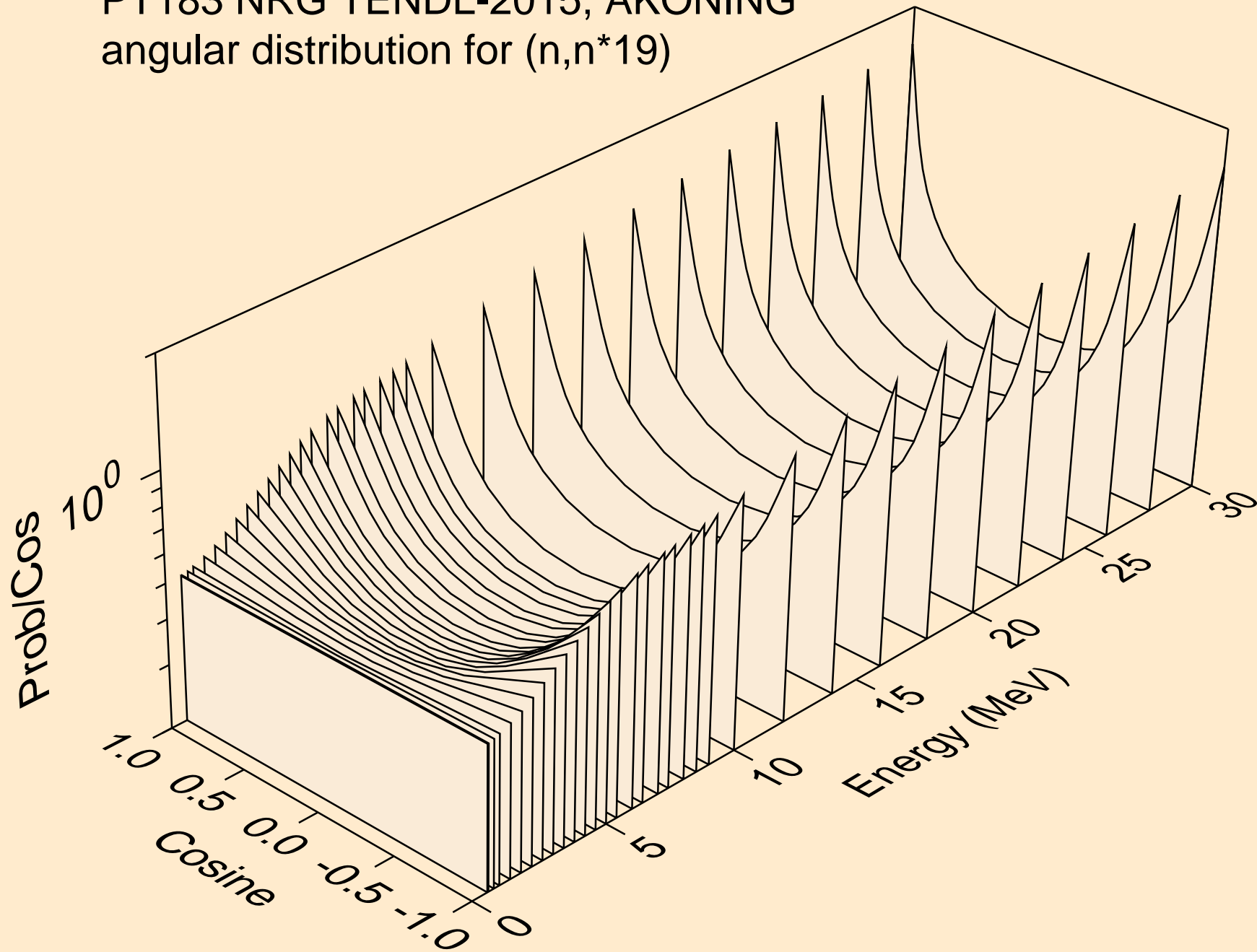
PT183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



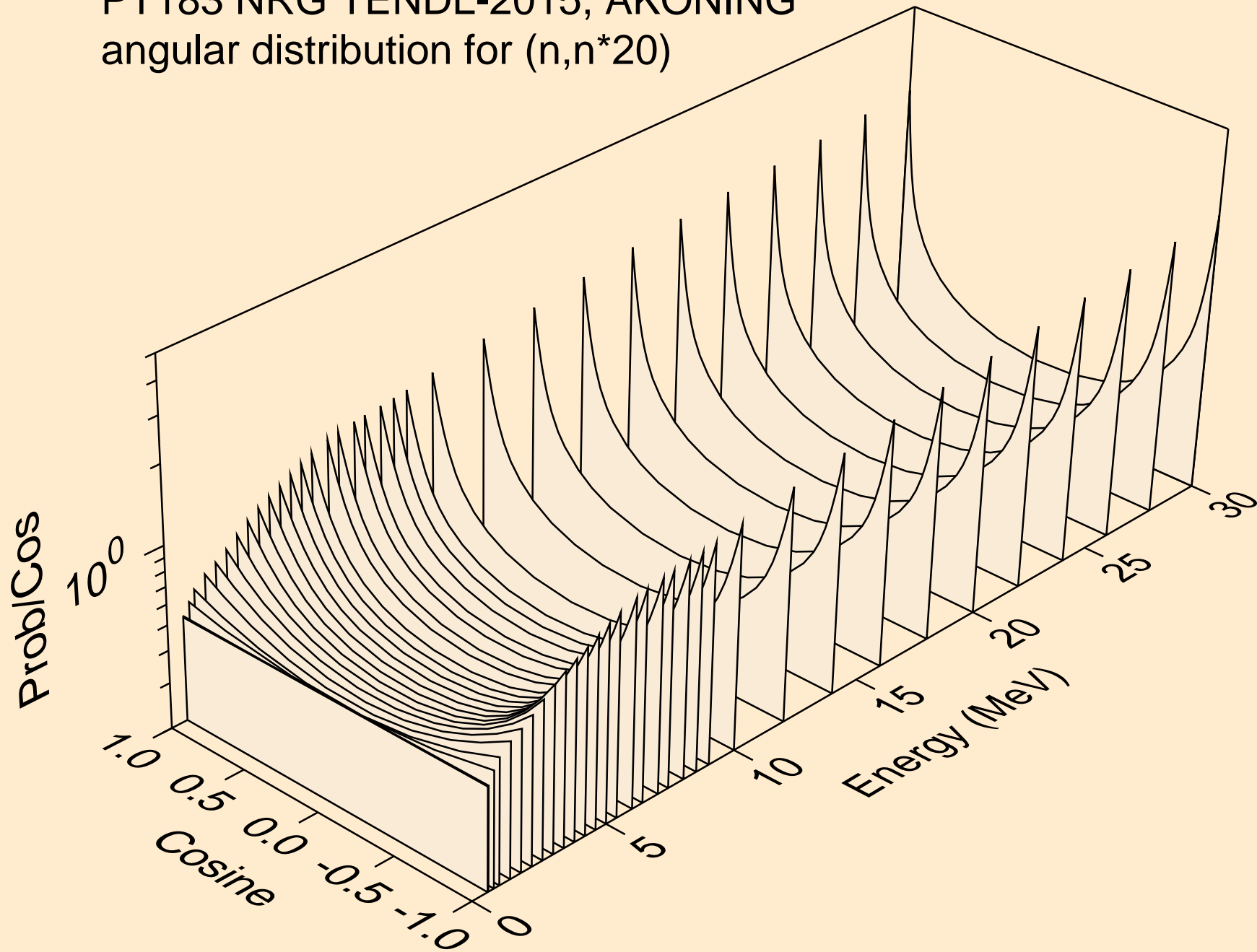
PT183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



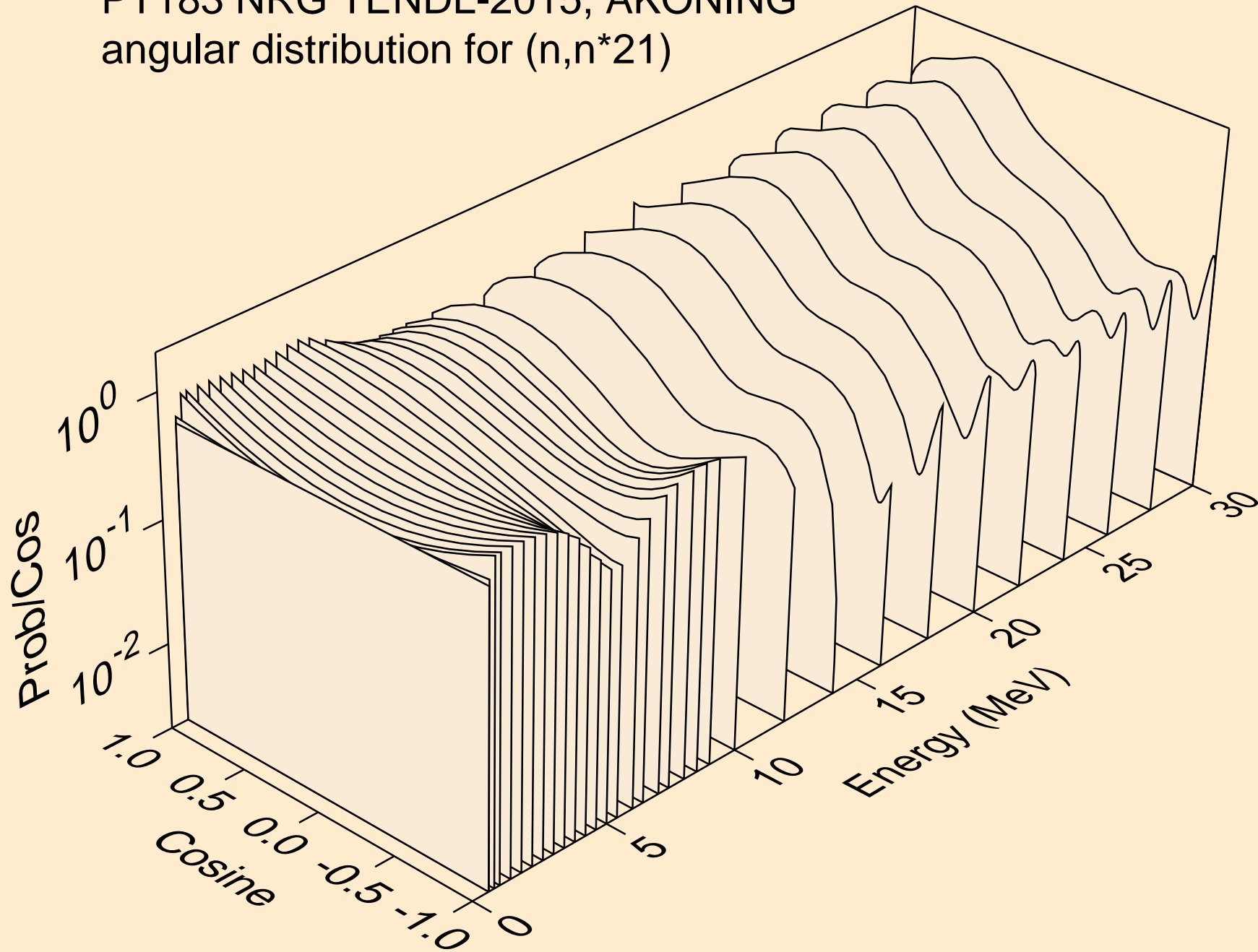
PT183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



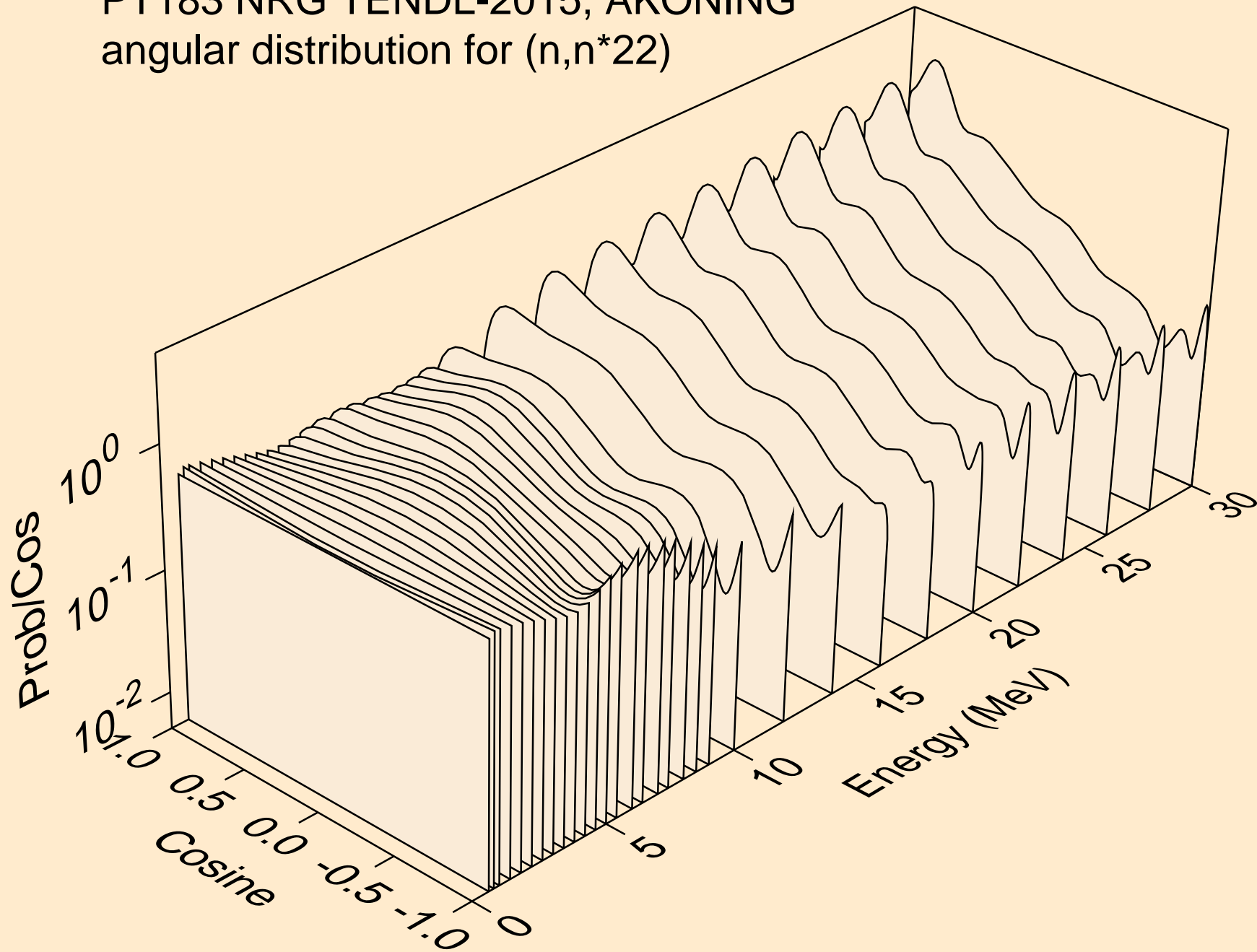
PT183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



PT183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

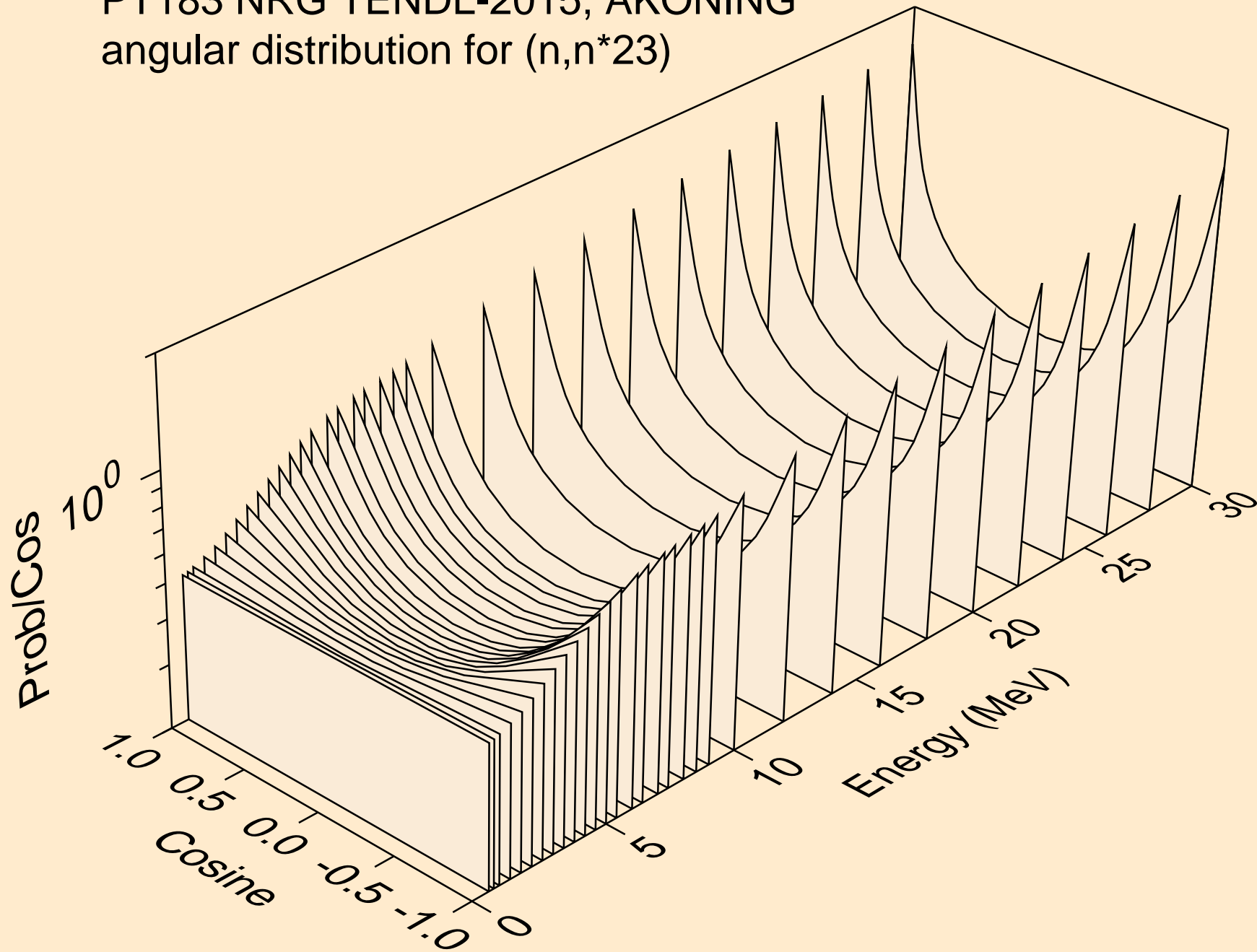


PT183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

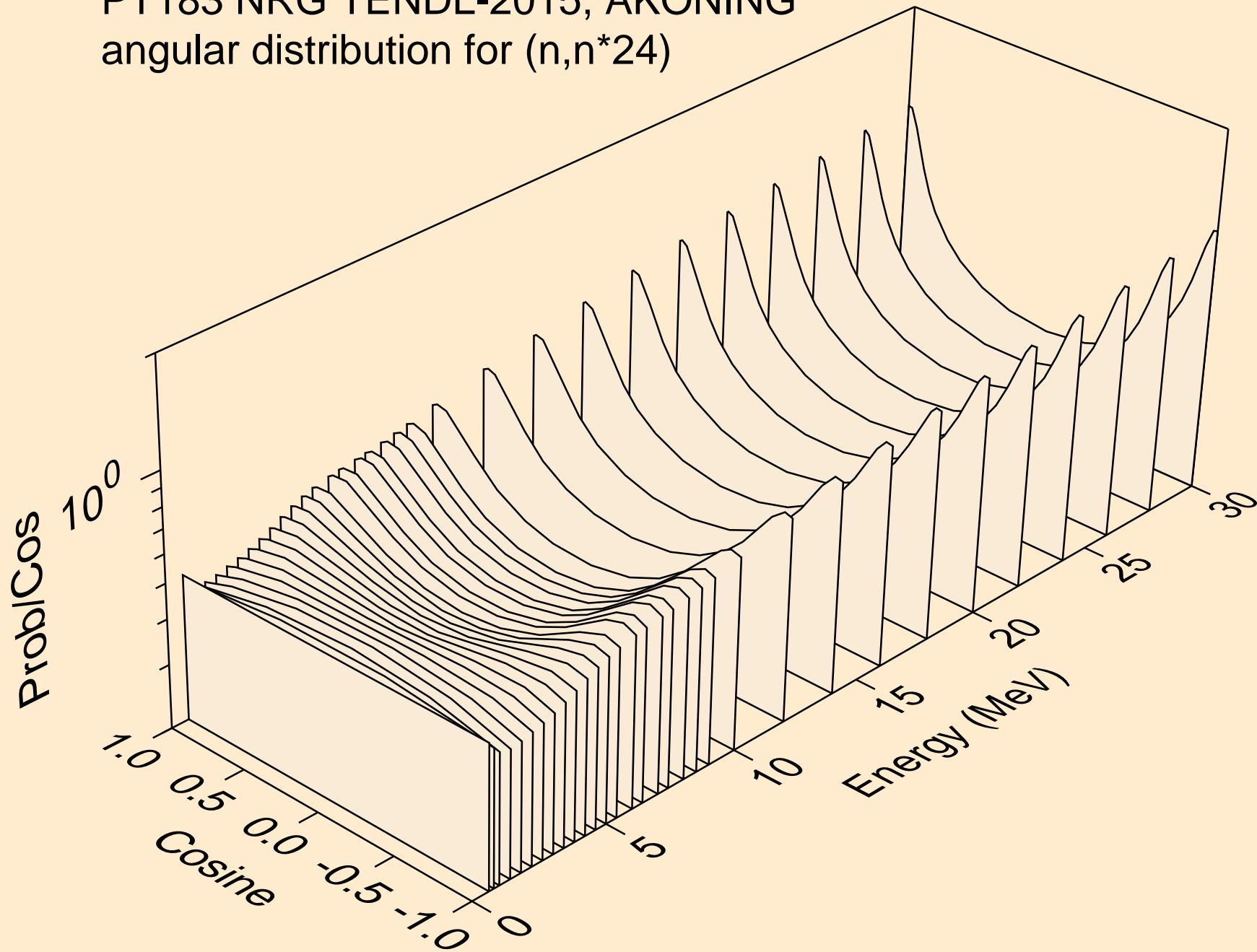




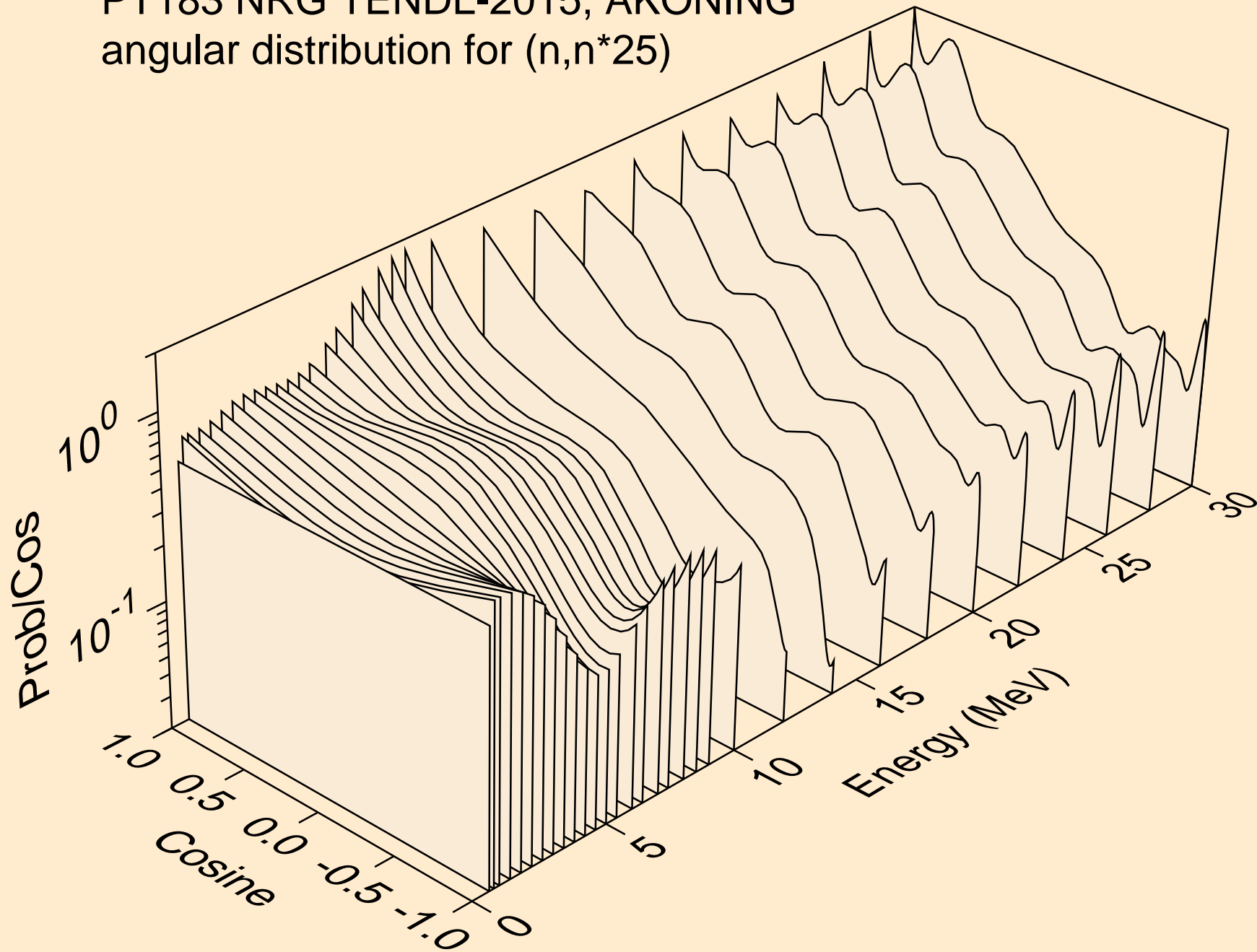
PT183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



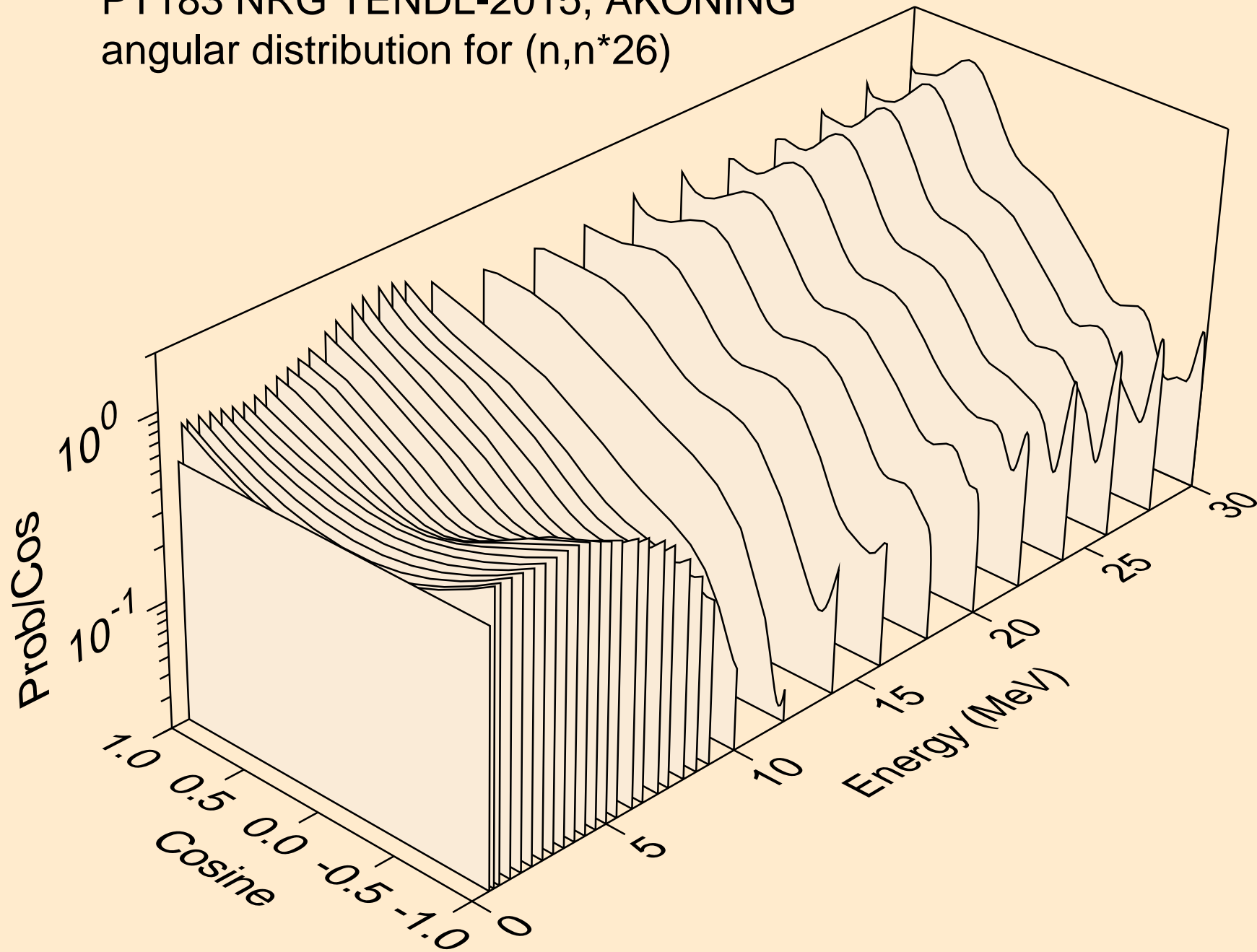
PT183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



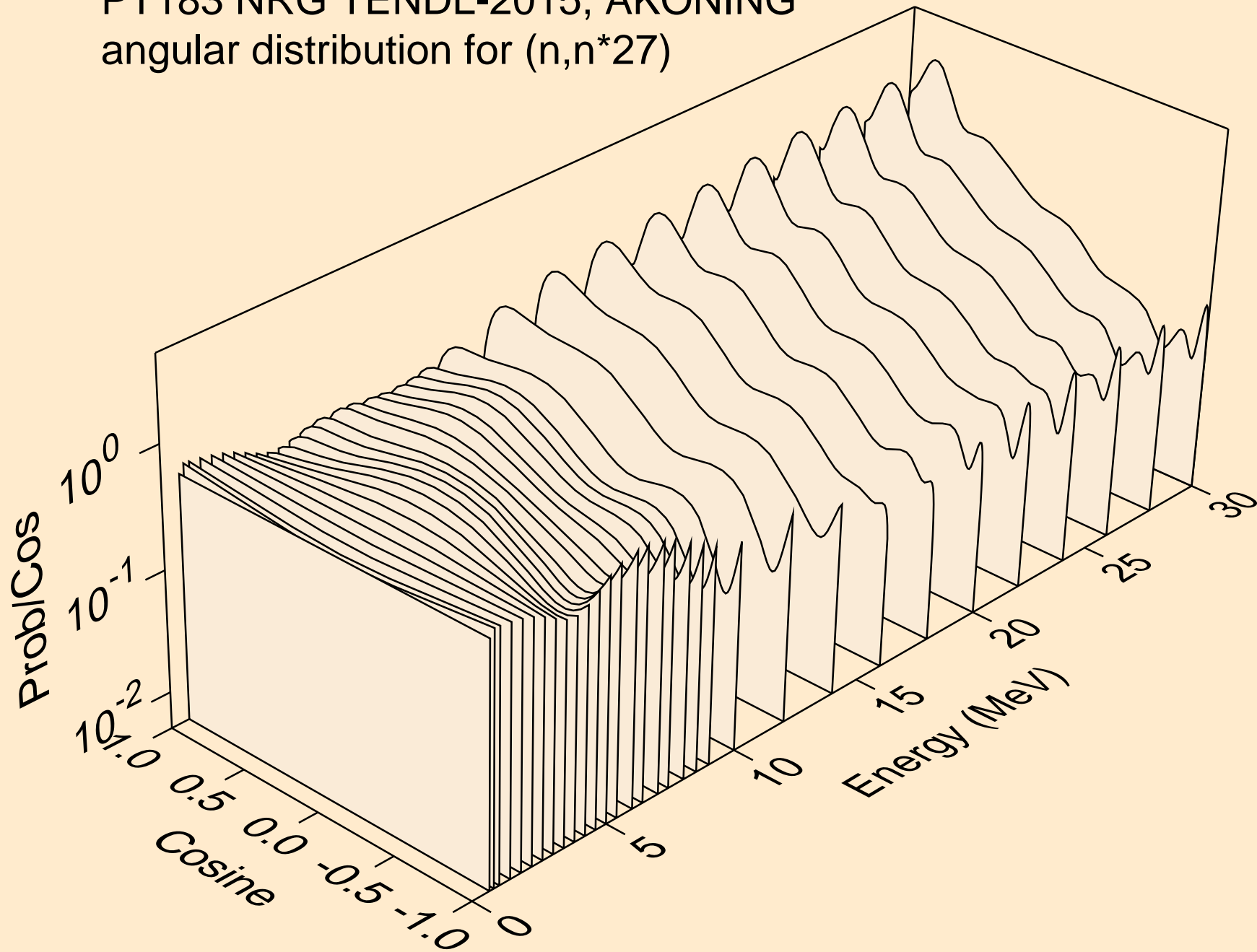
PT183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



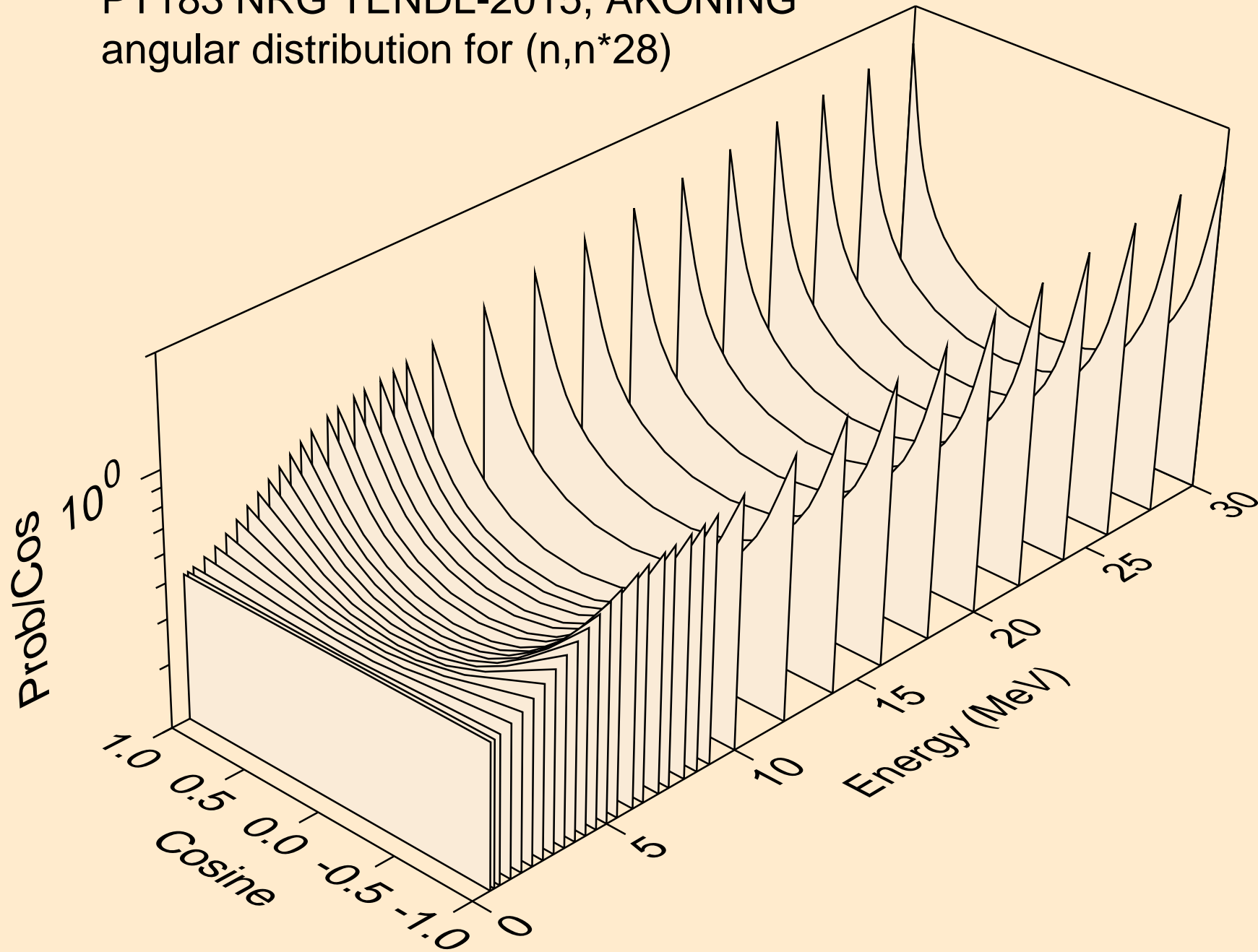
PT183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



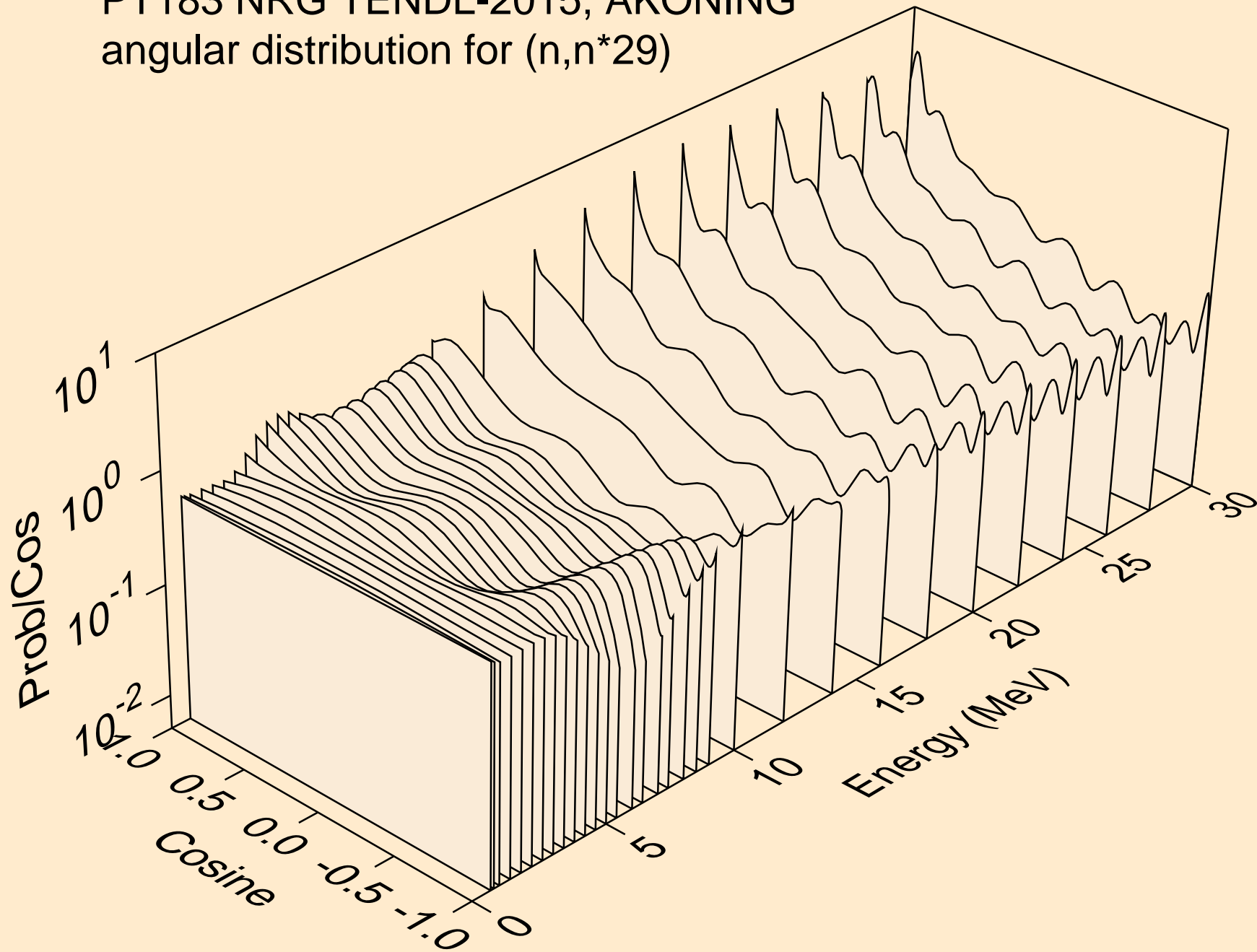
PT183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



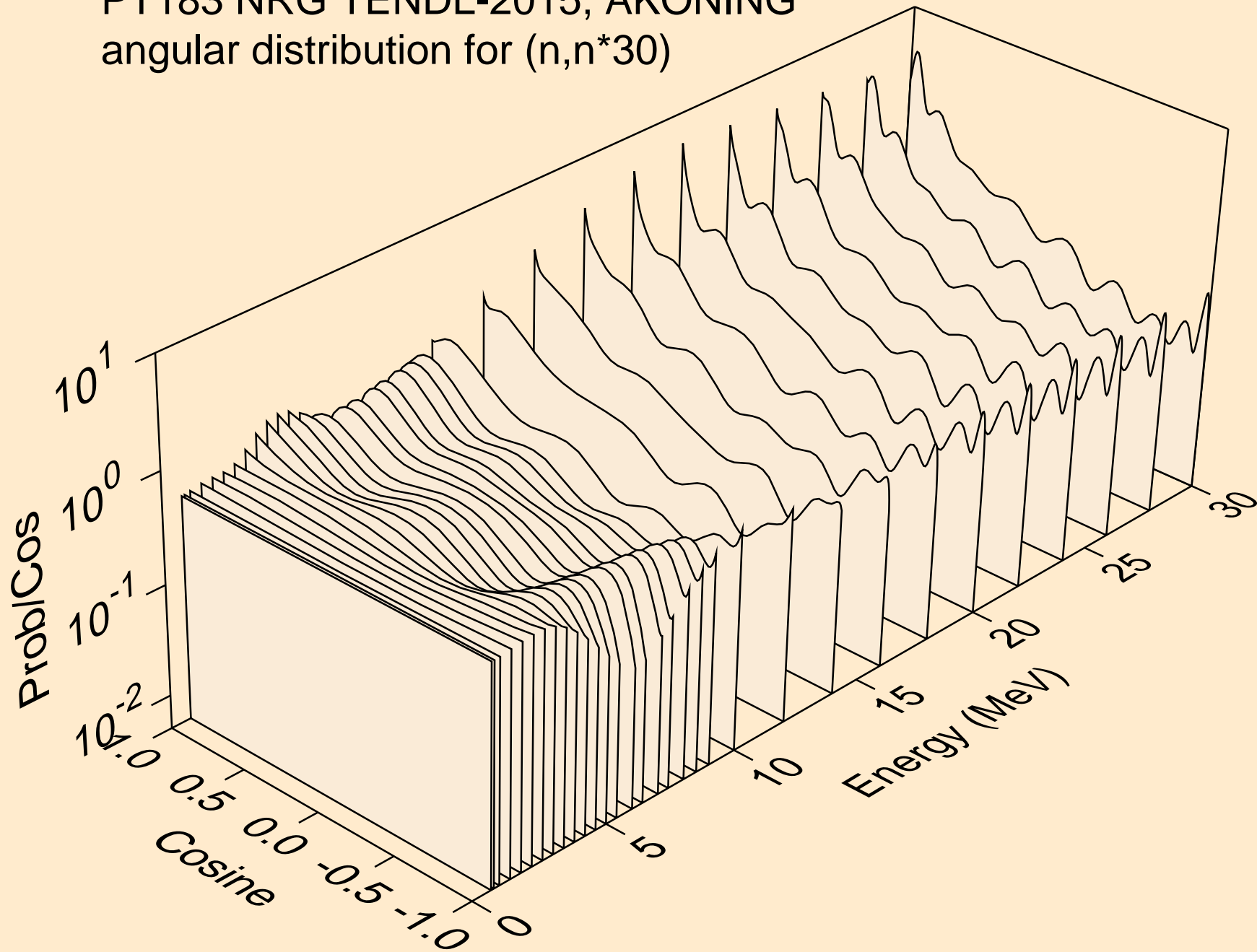
PT183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



PT183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

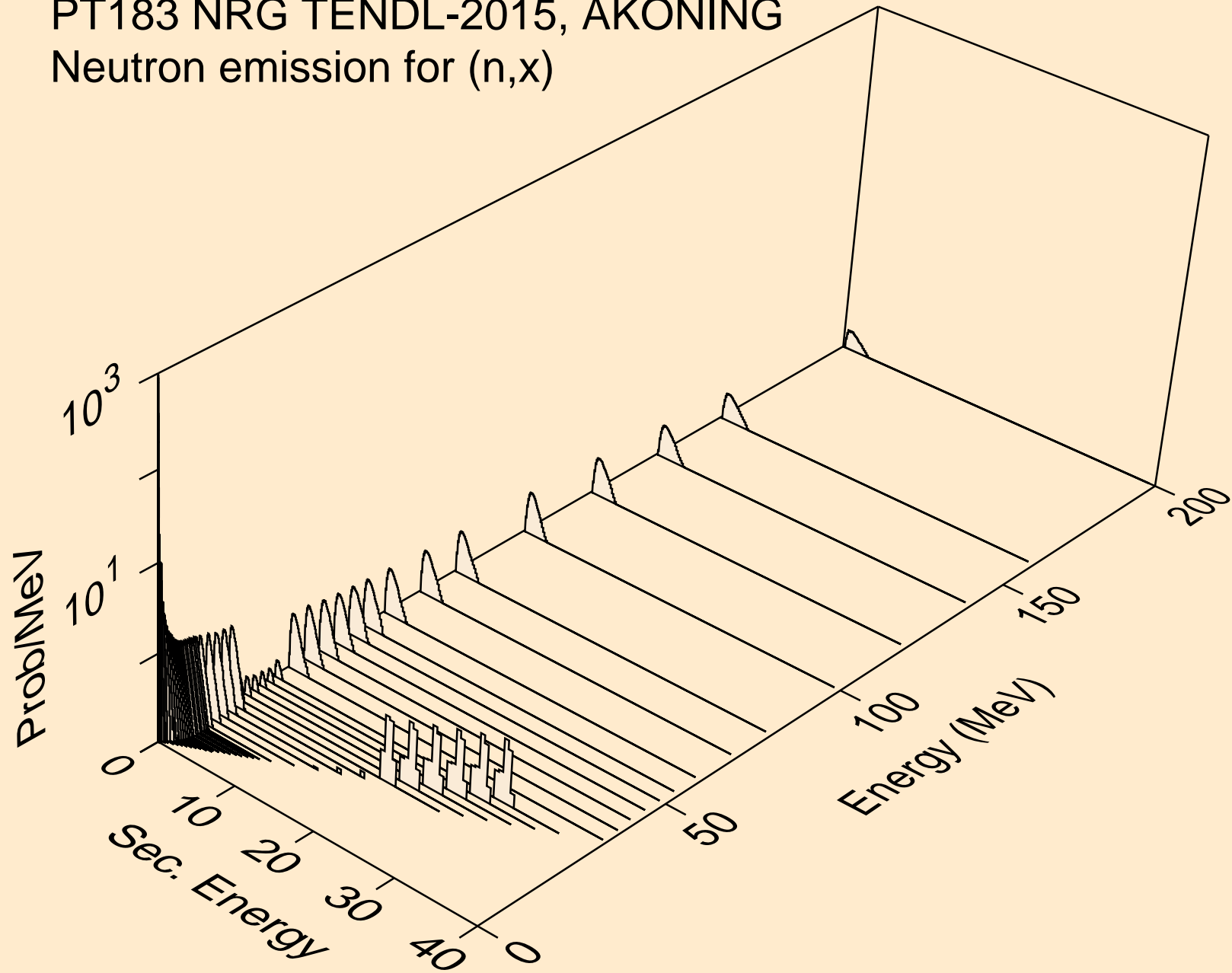


PT183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

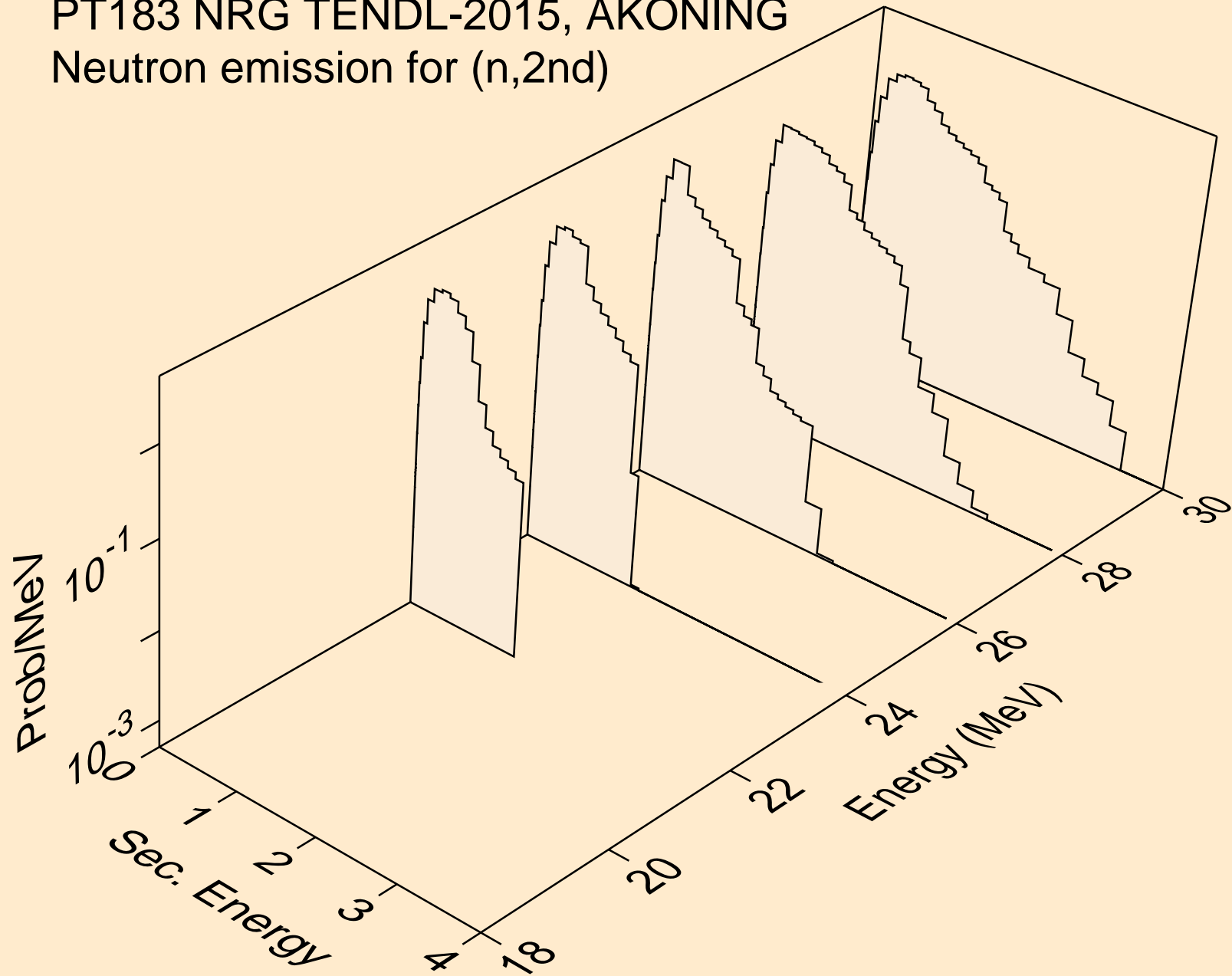




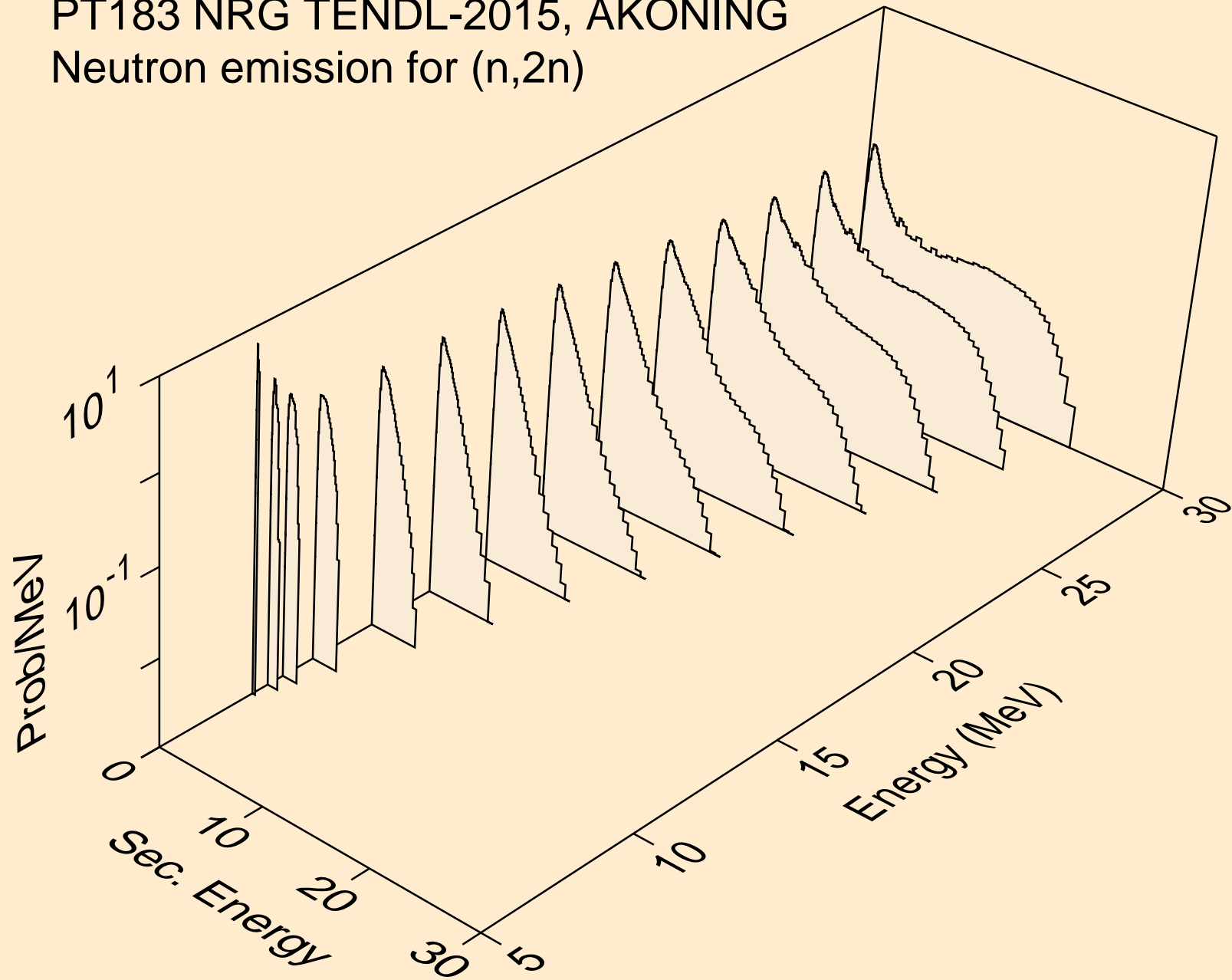
PT183 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



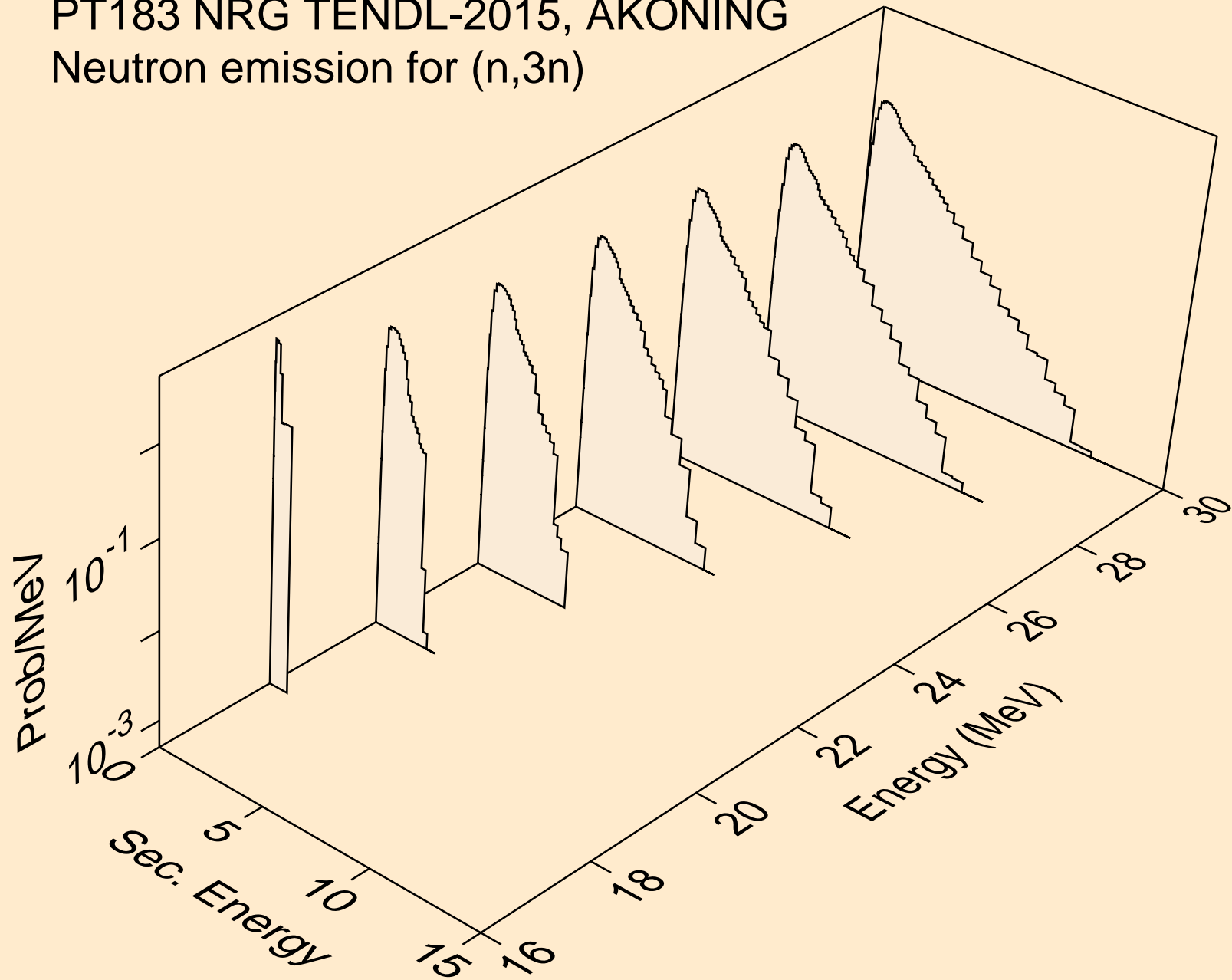
PT183 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



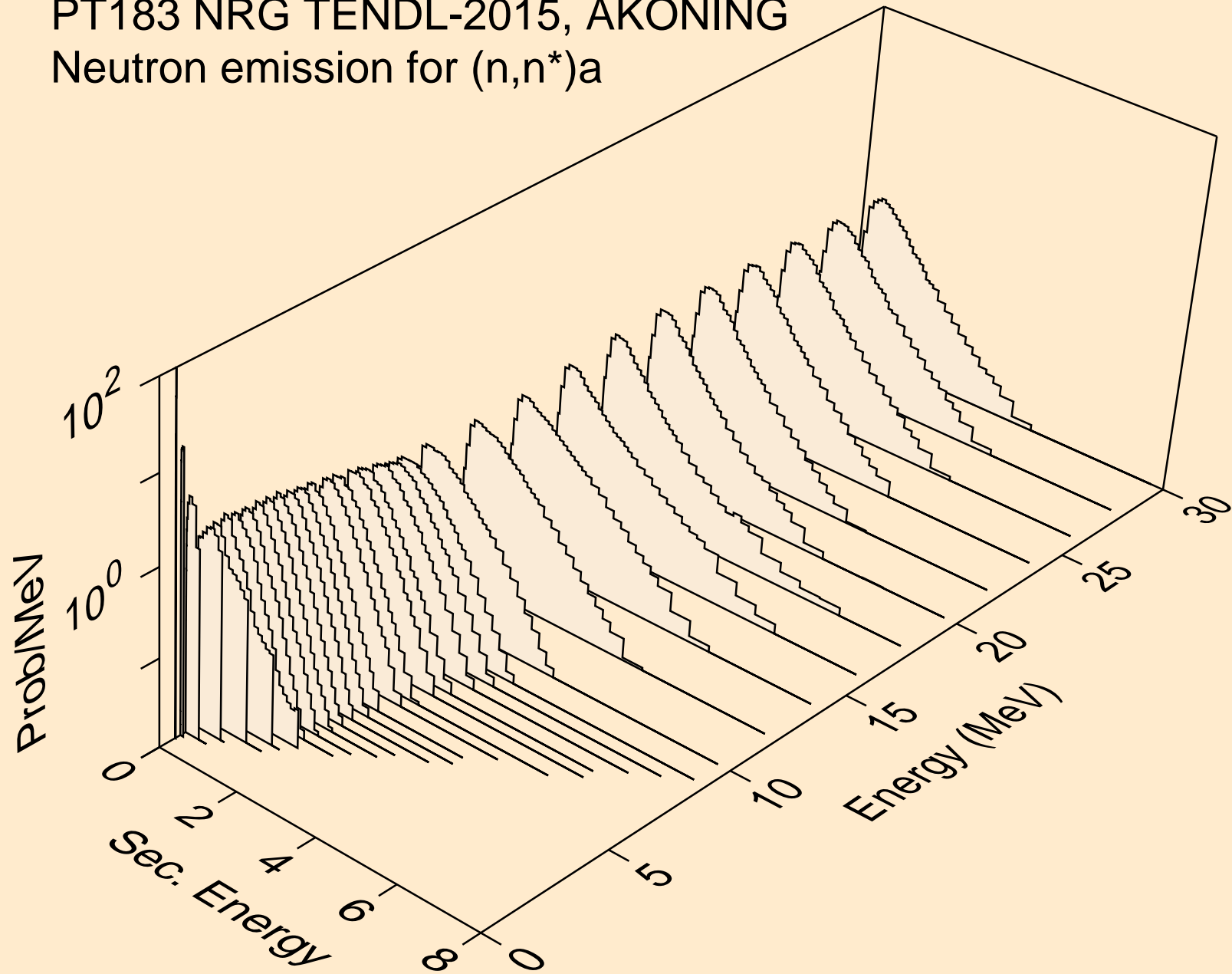
PT183 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



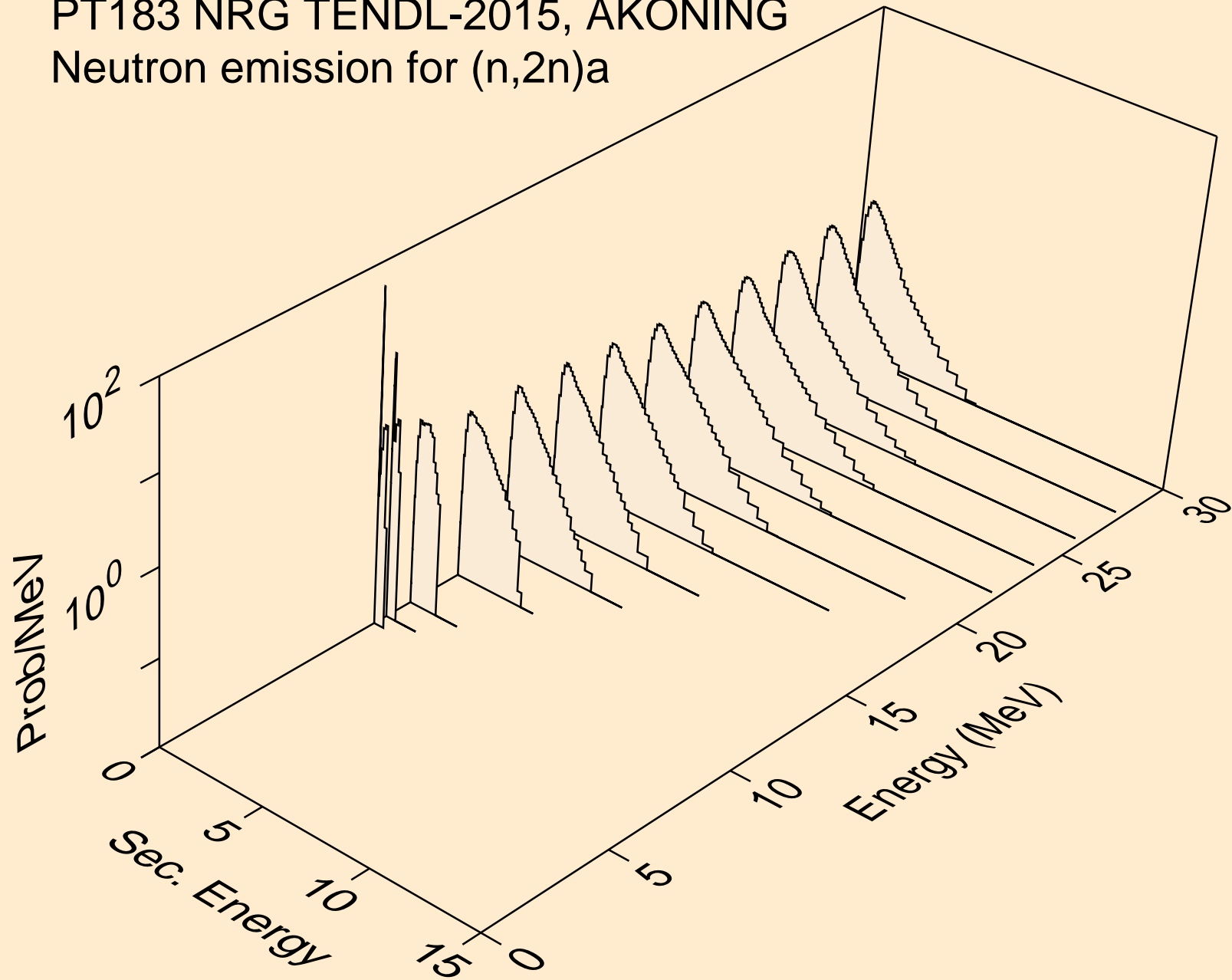
PT183 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



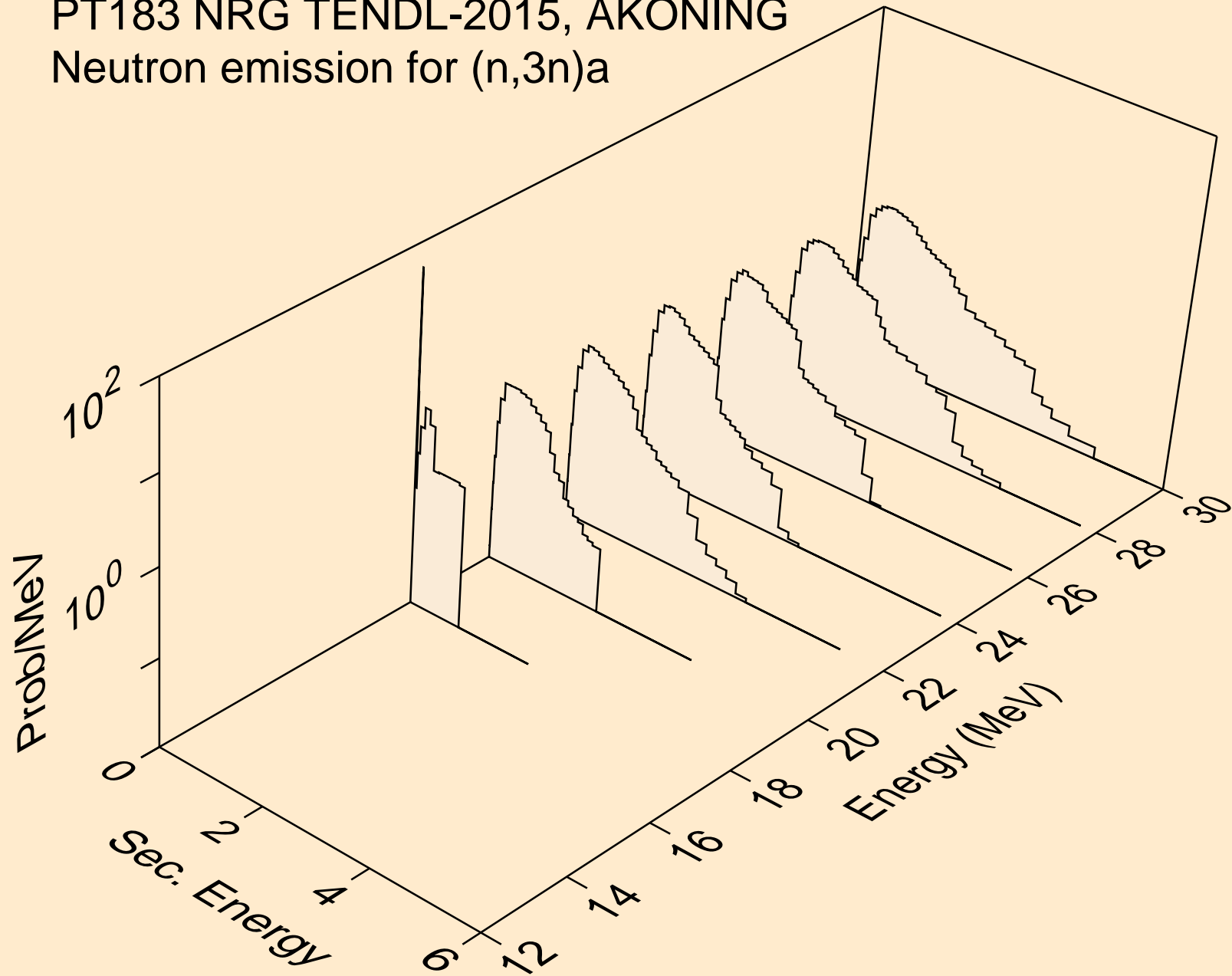
PT183 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



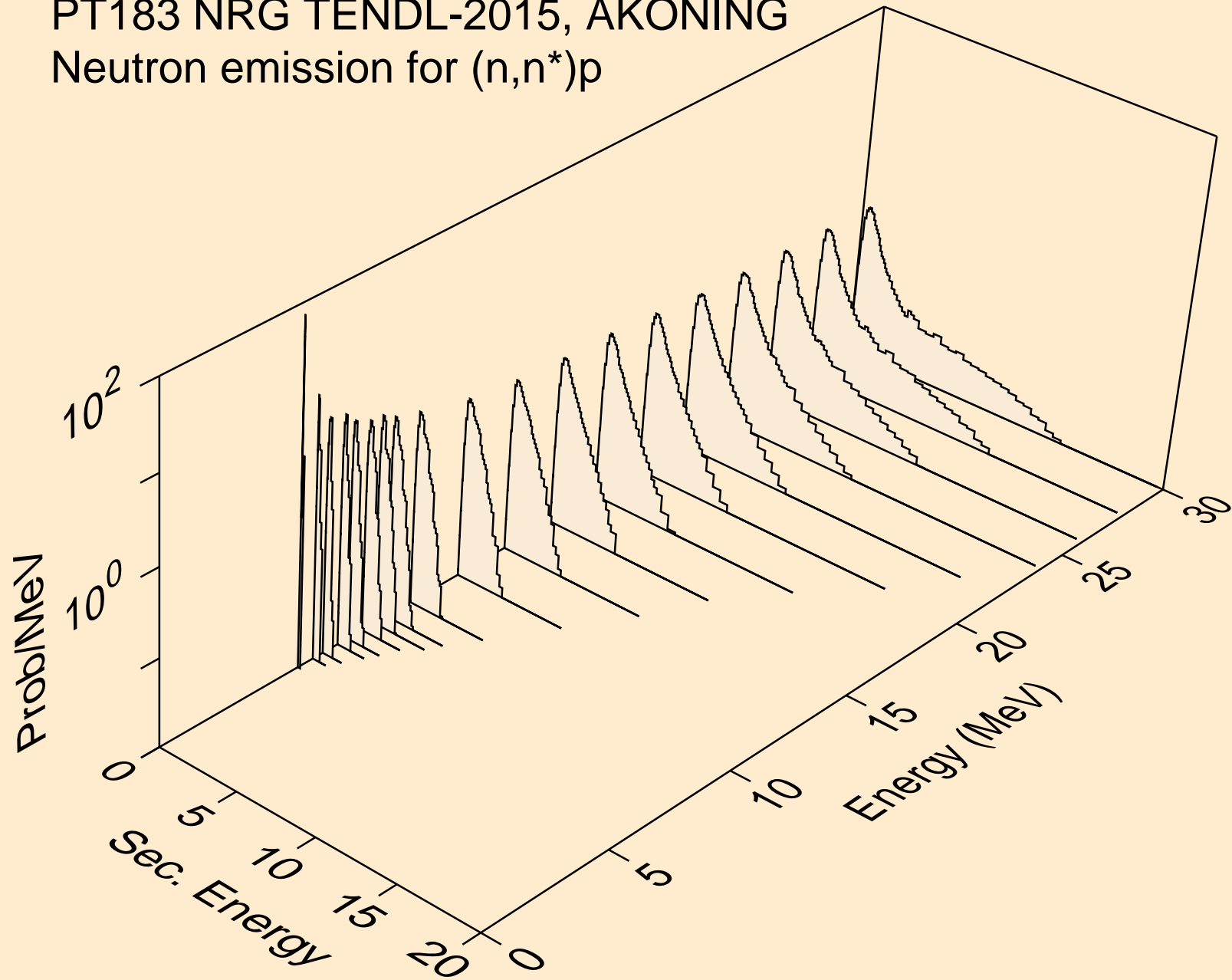
PT183 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



PT183 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

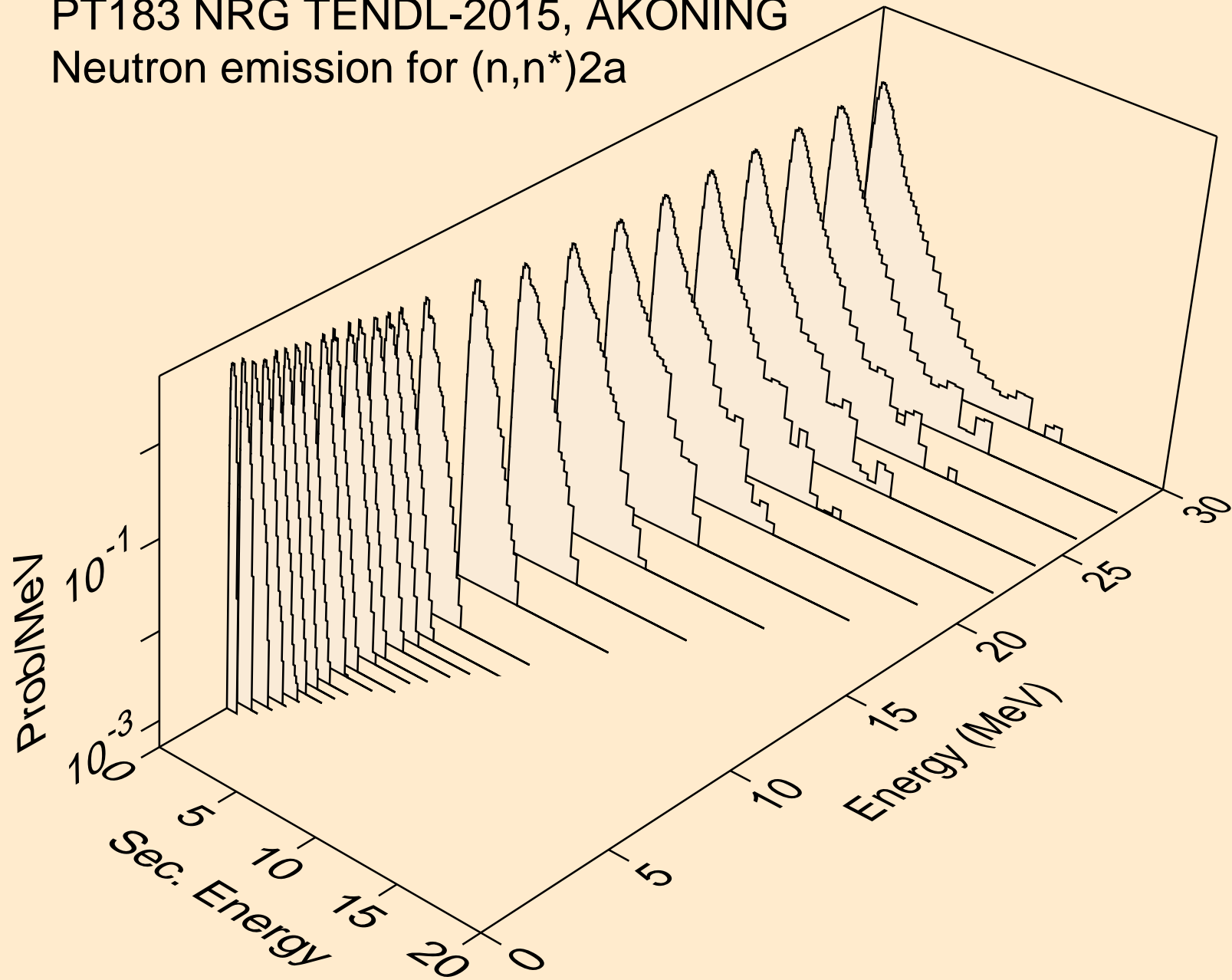


PT183 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

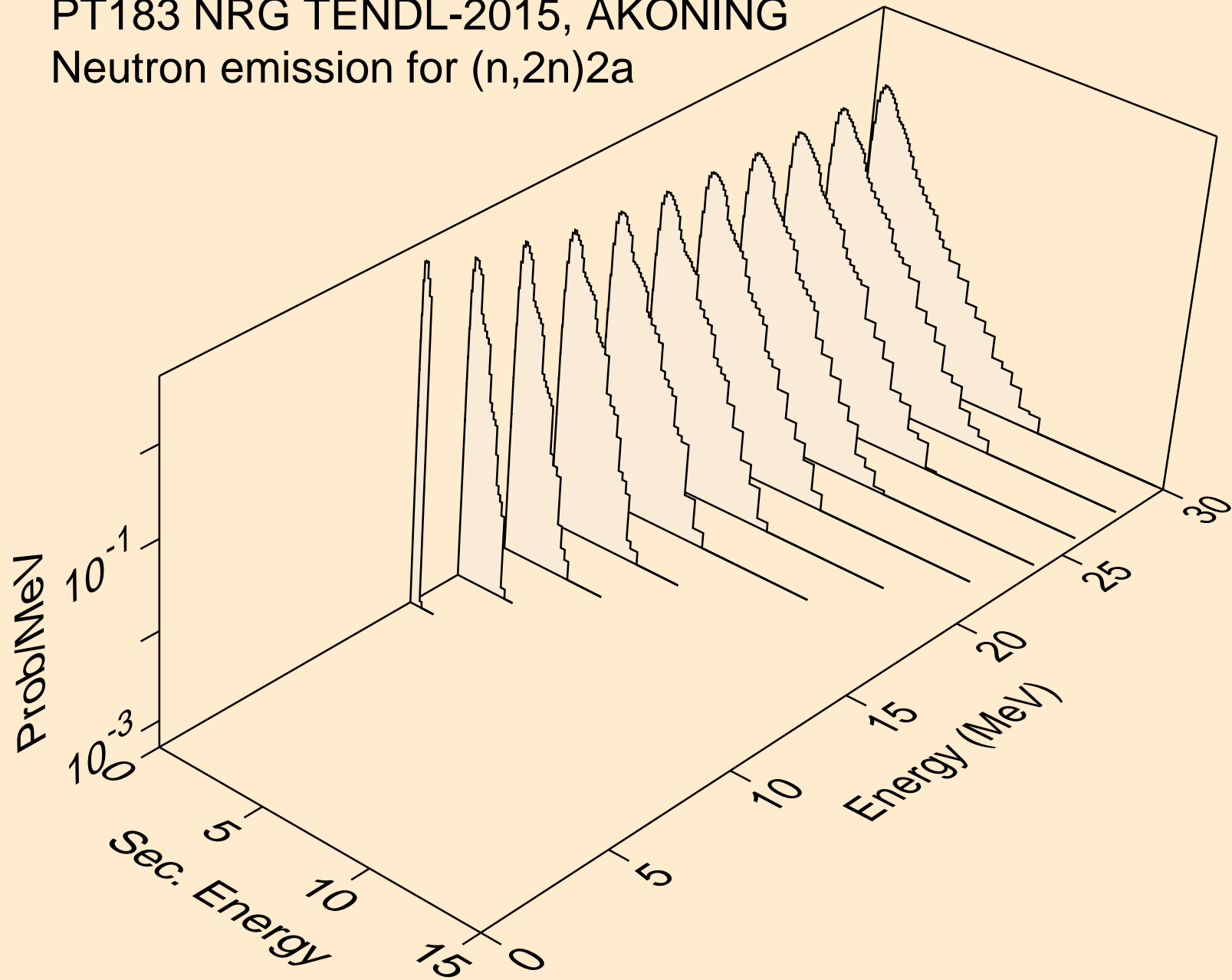




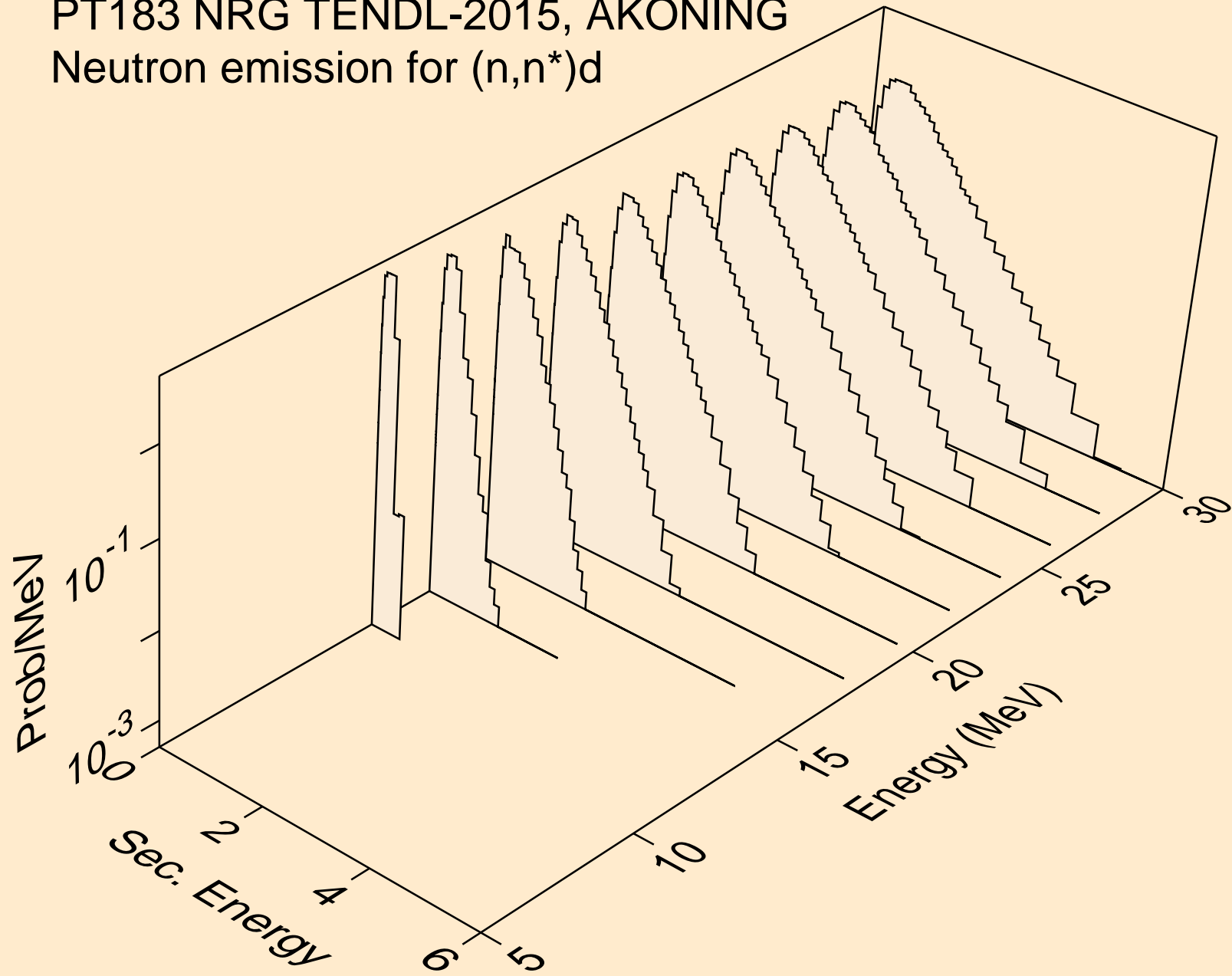
PT183 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



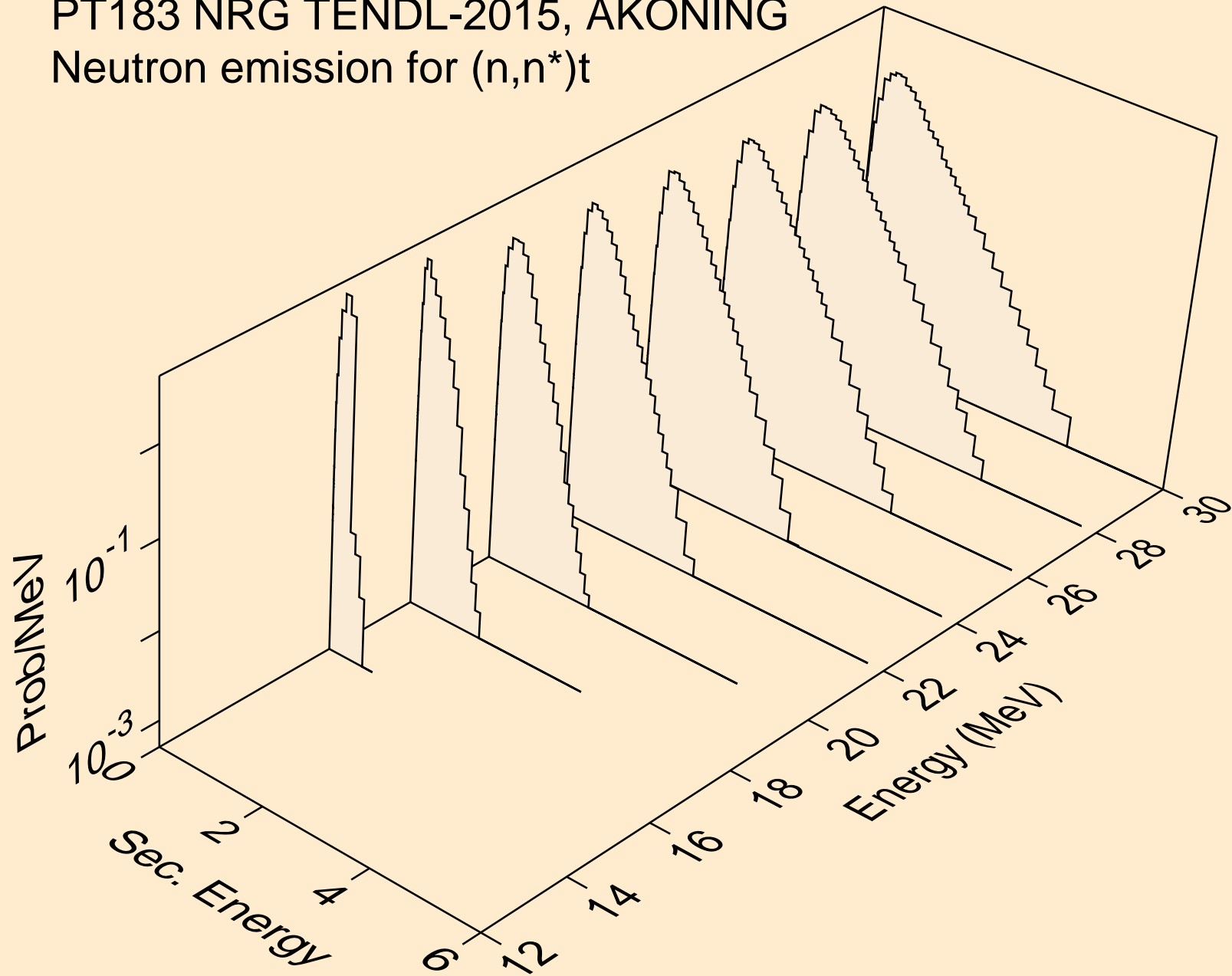
PT183 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



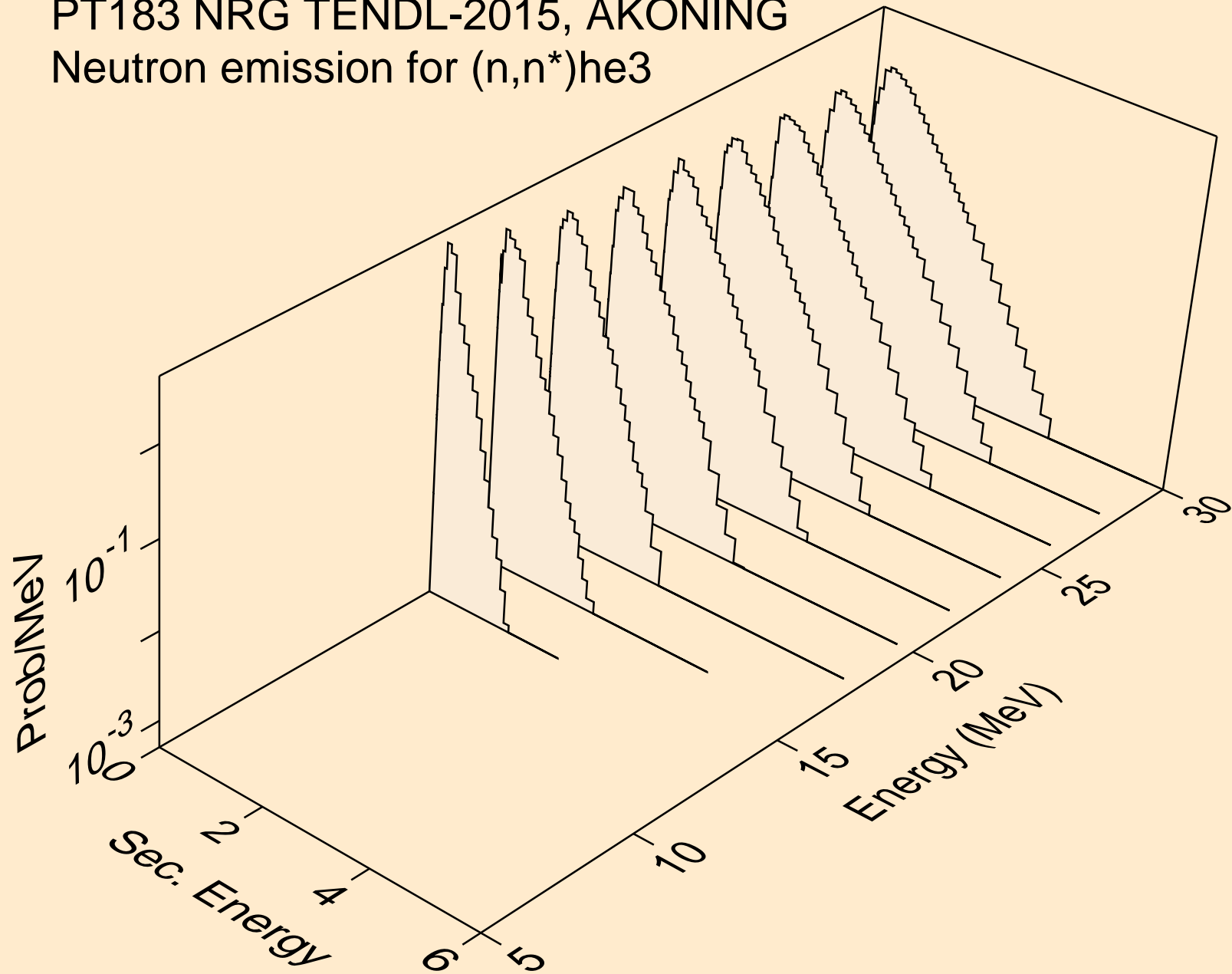
PT183 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



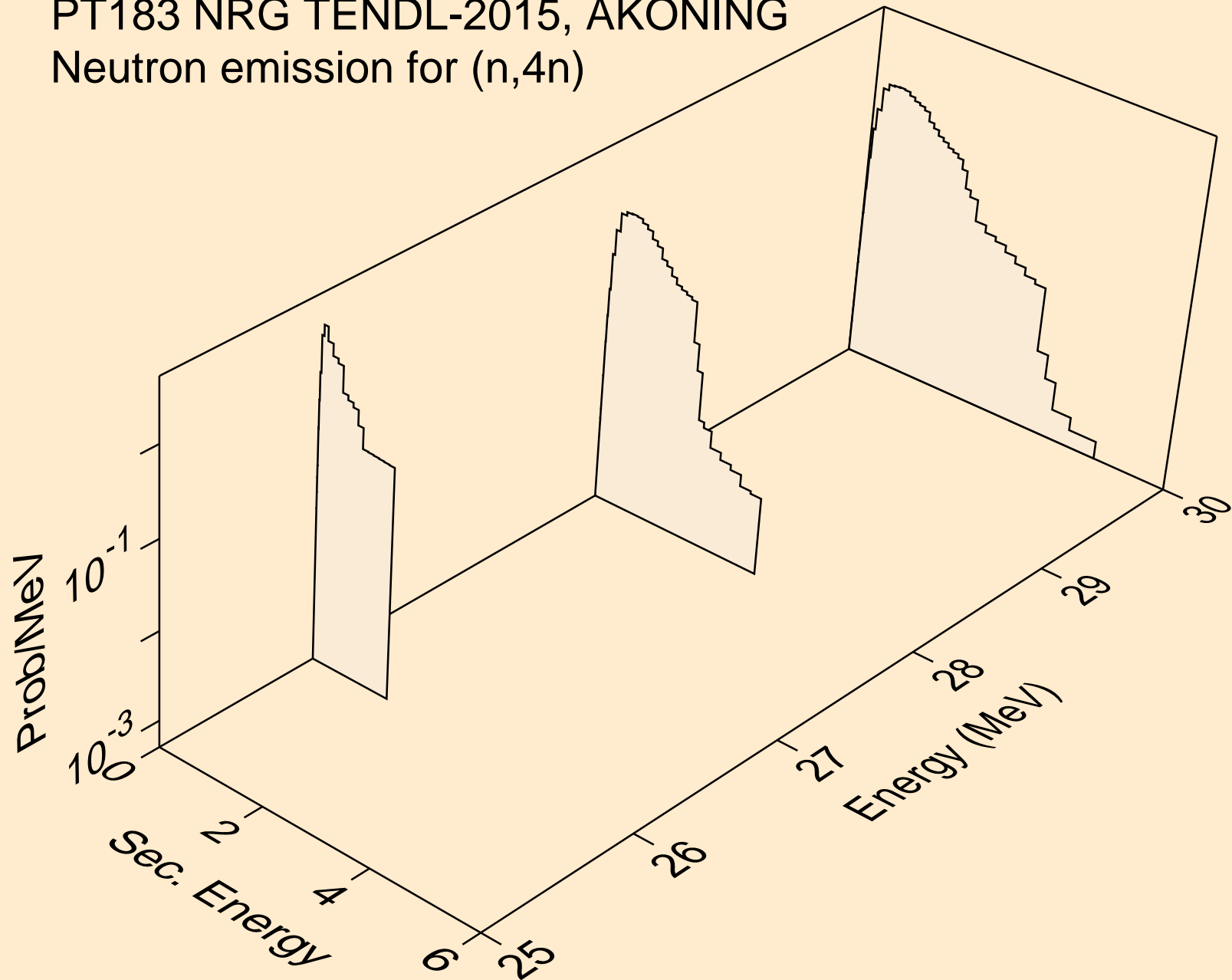
PT183 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



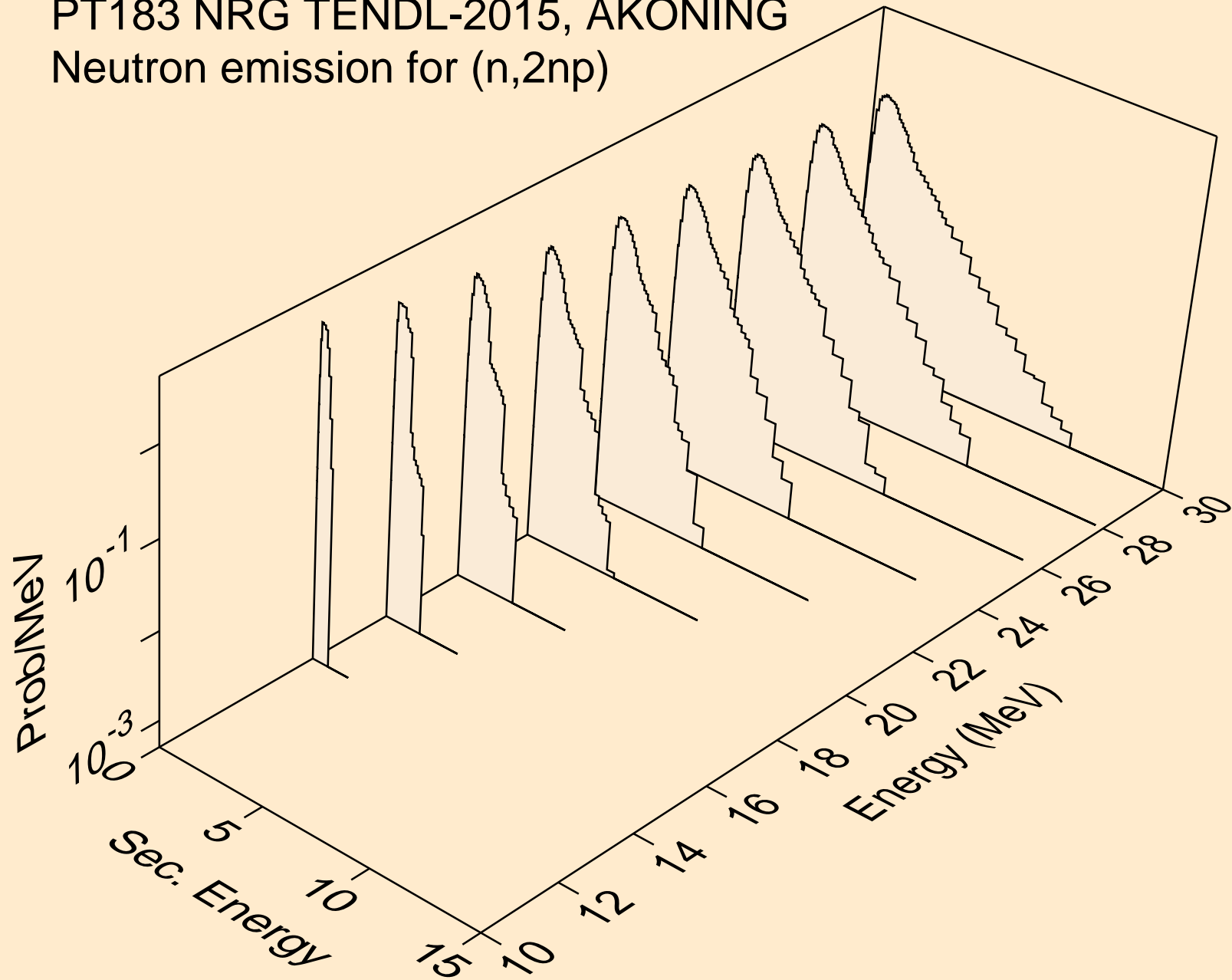
PT183 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



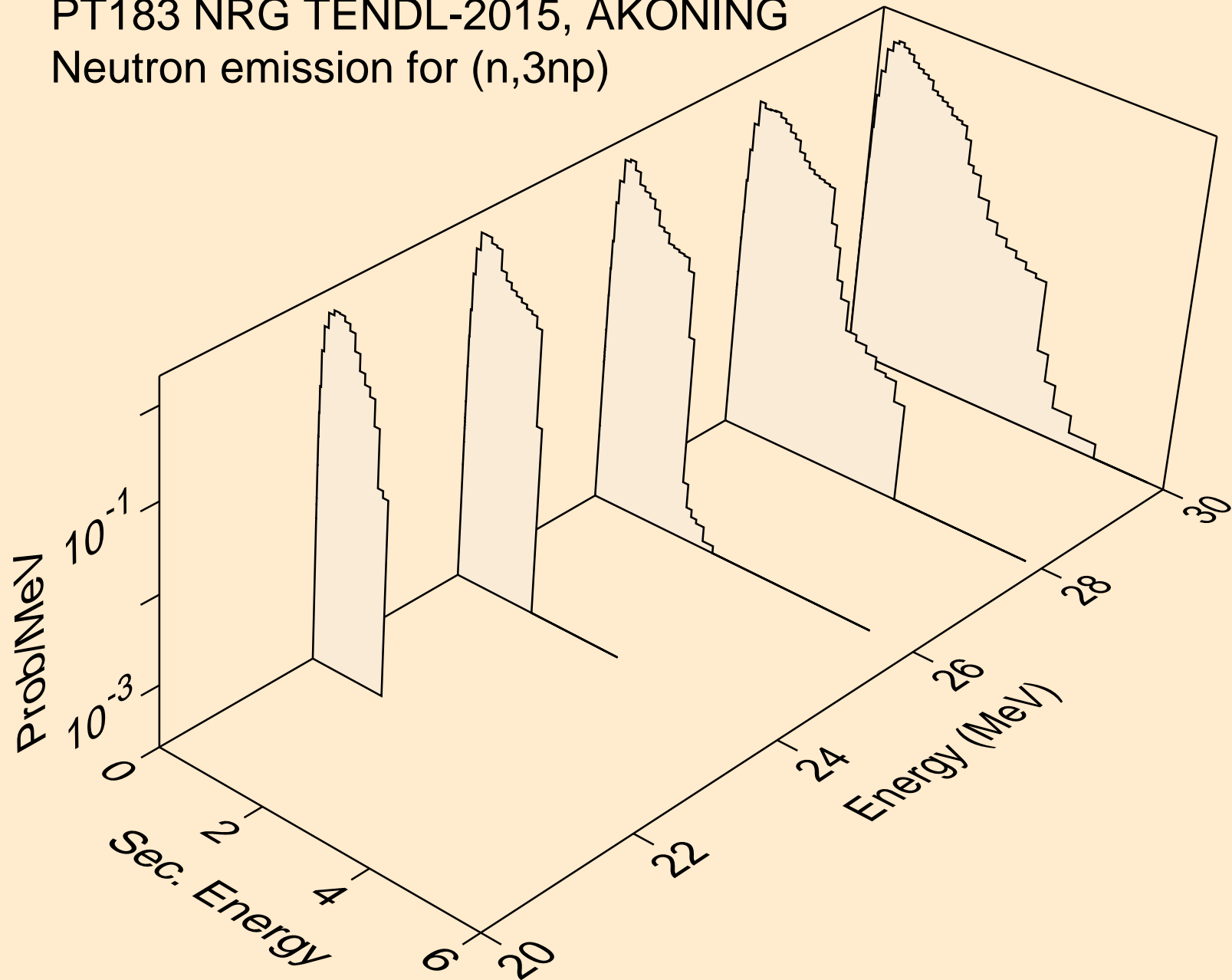
PT183 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



PT183 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

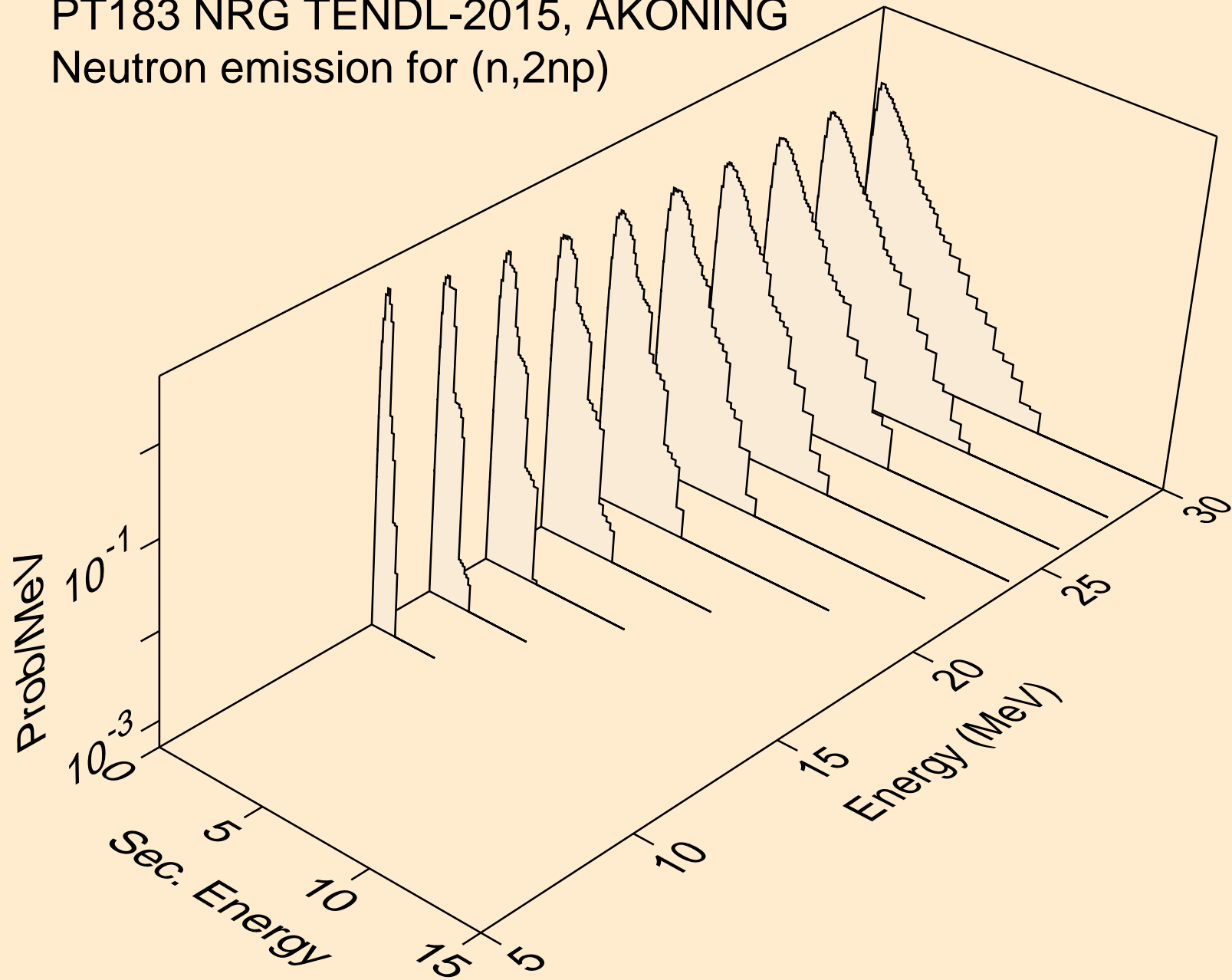


PT183 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

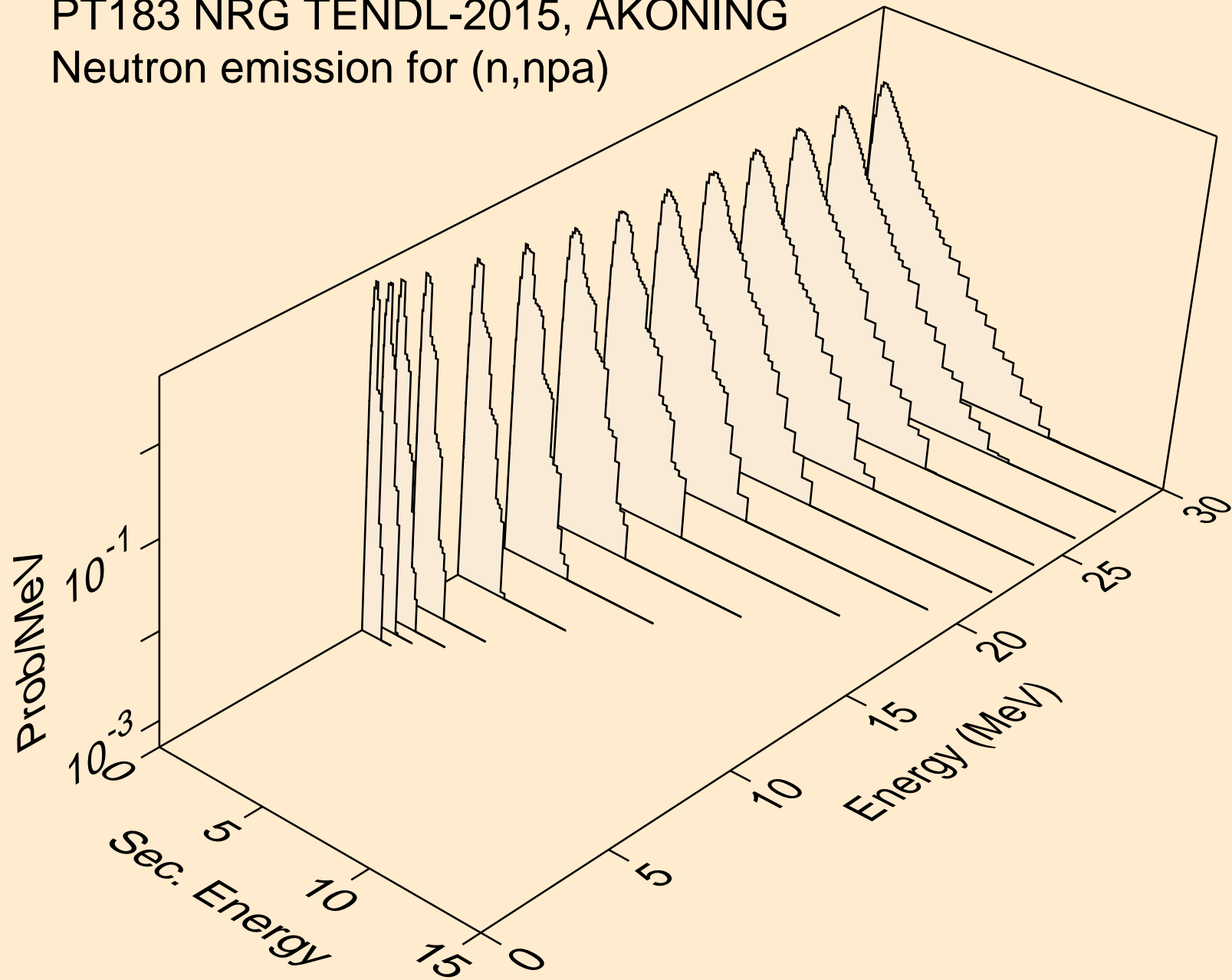




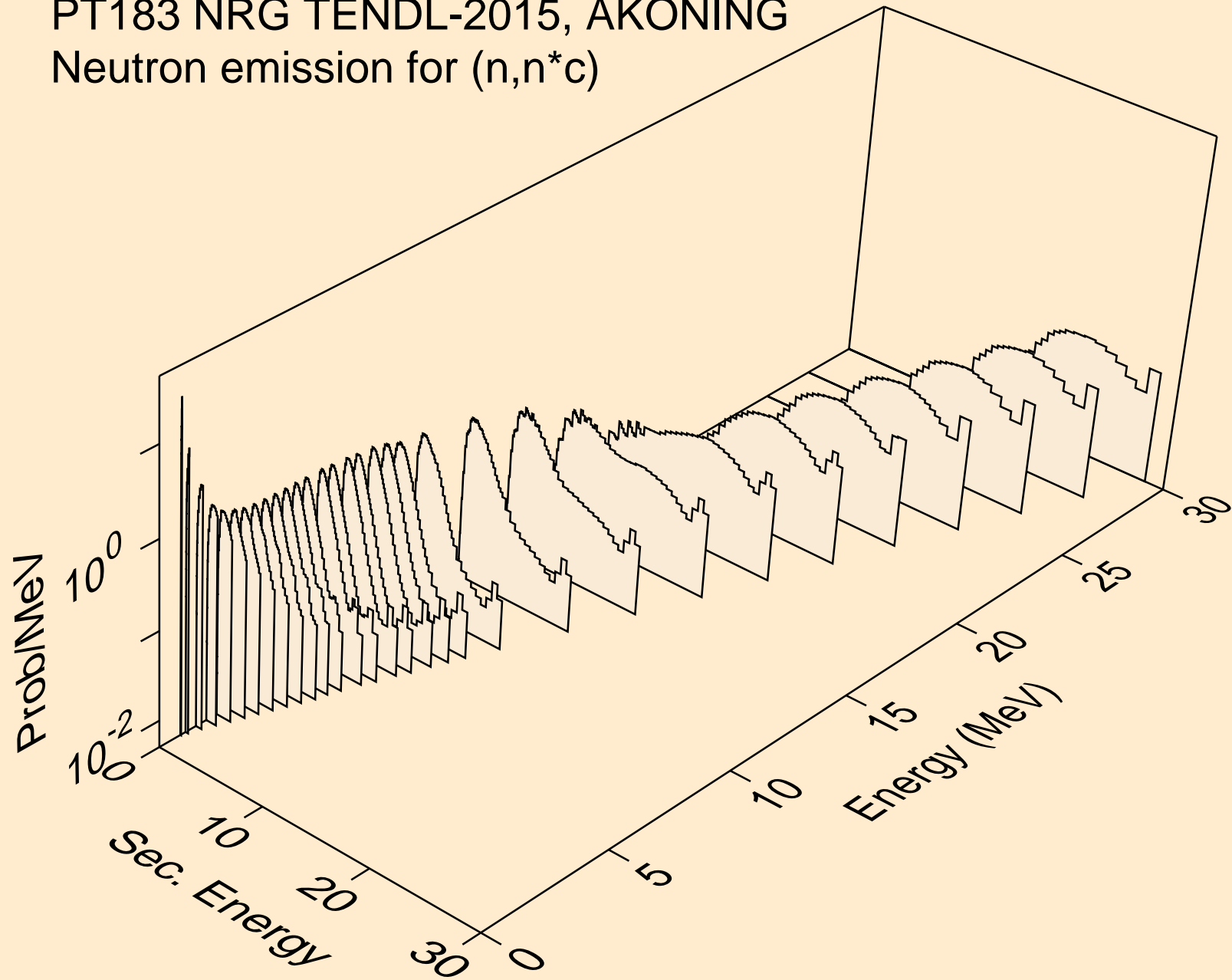
PT183 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



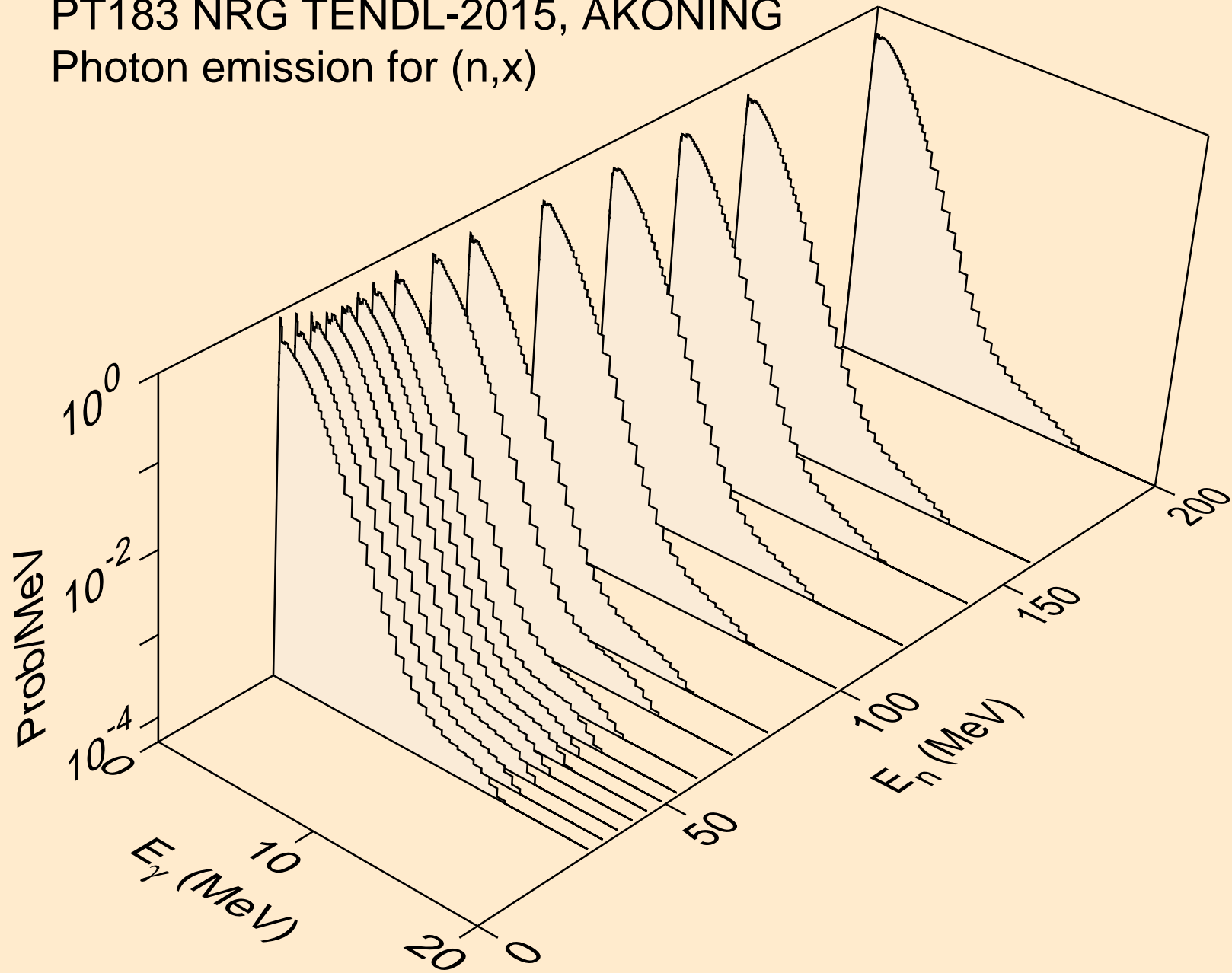
PT183 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



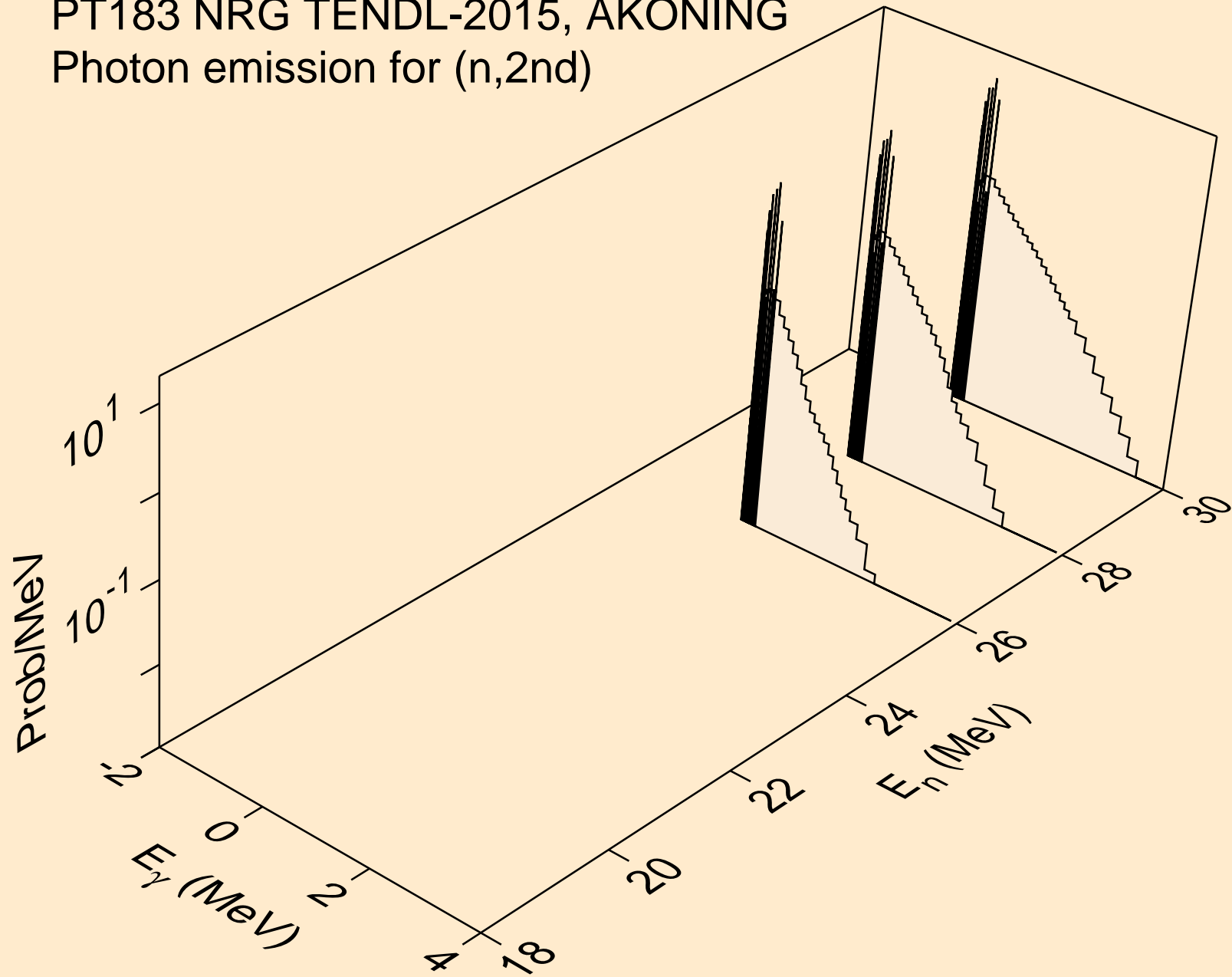
PT183 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



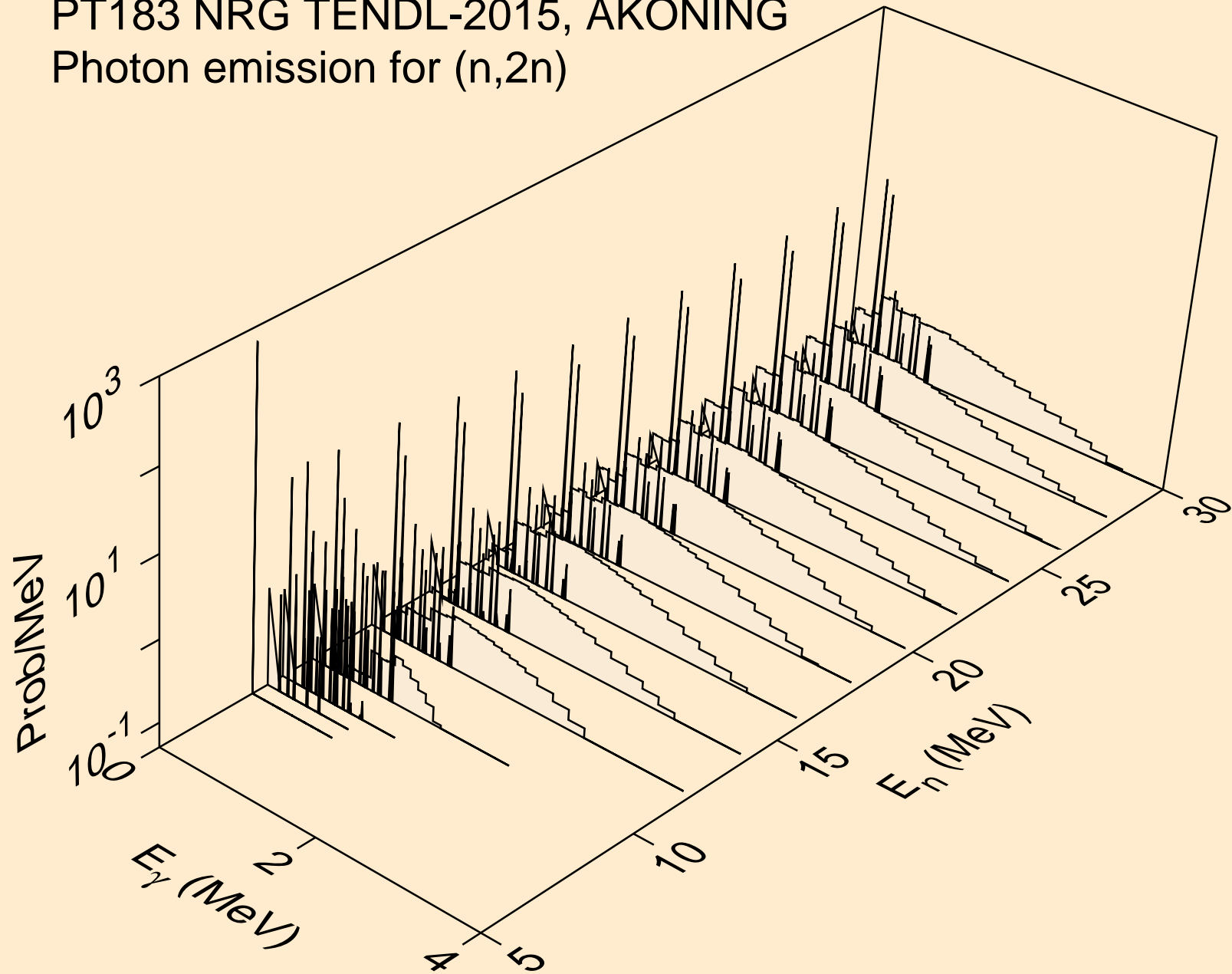
PT183 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



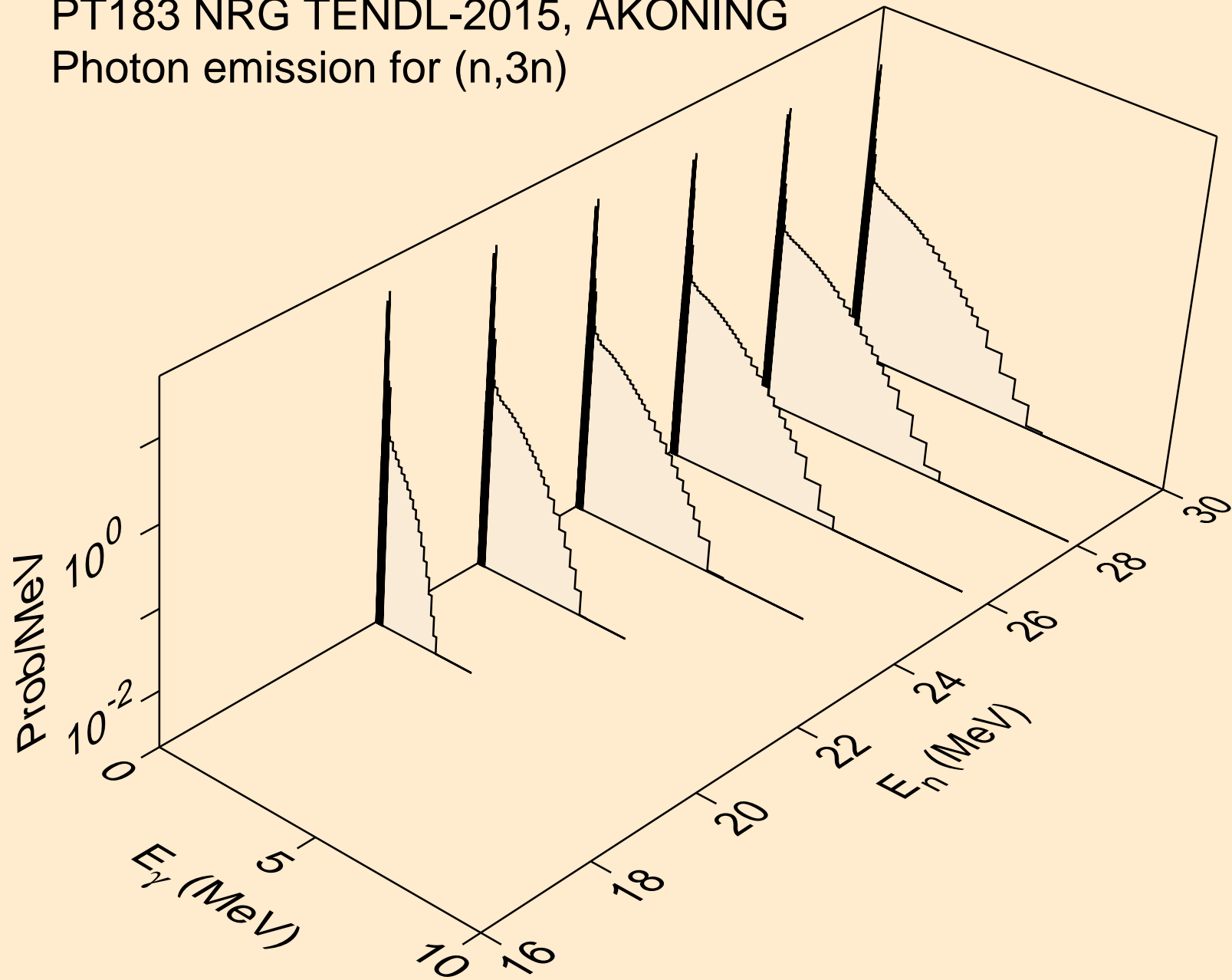
PT183 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



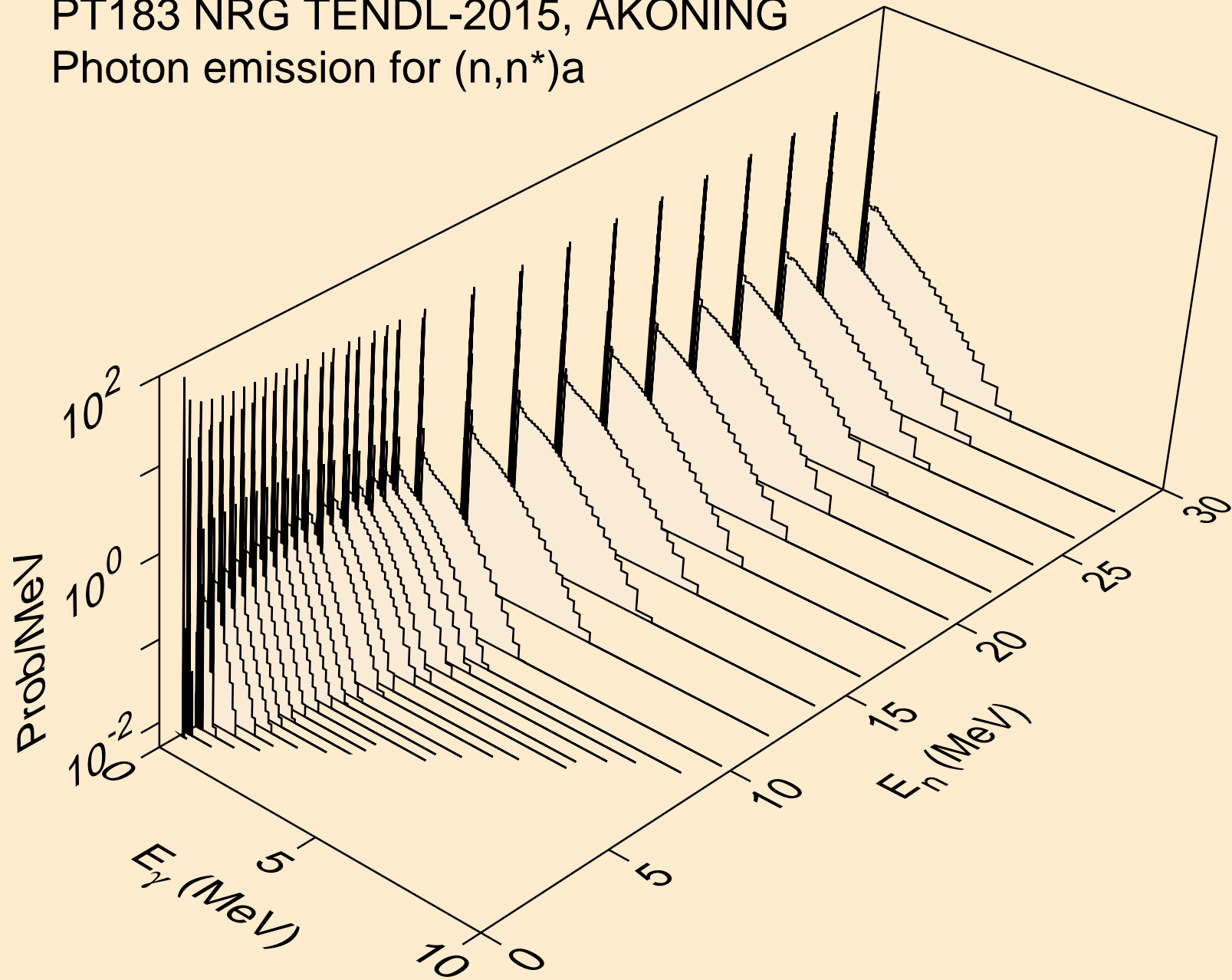
PT183 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



PT183 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

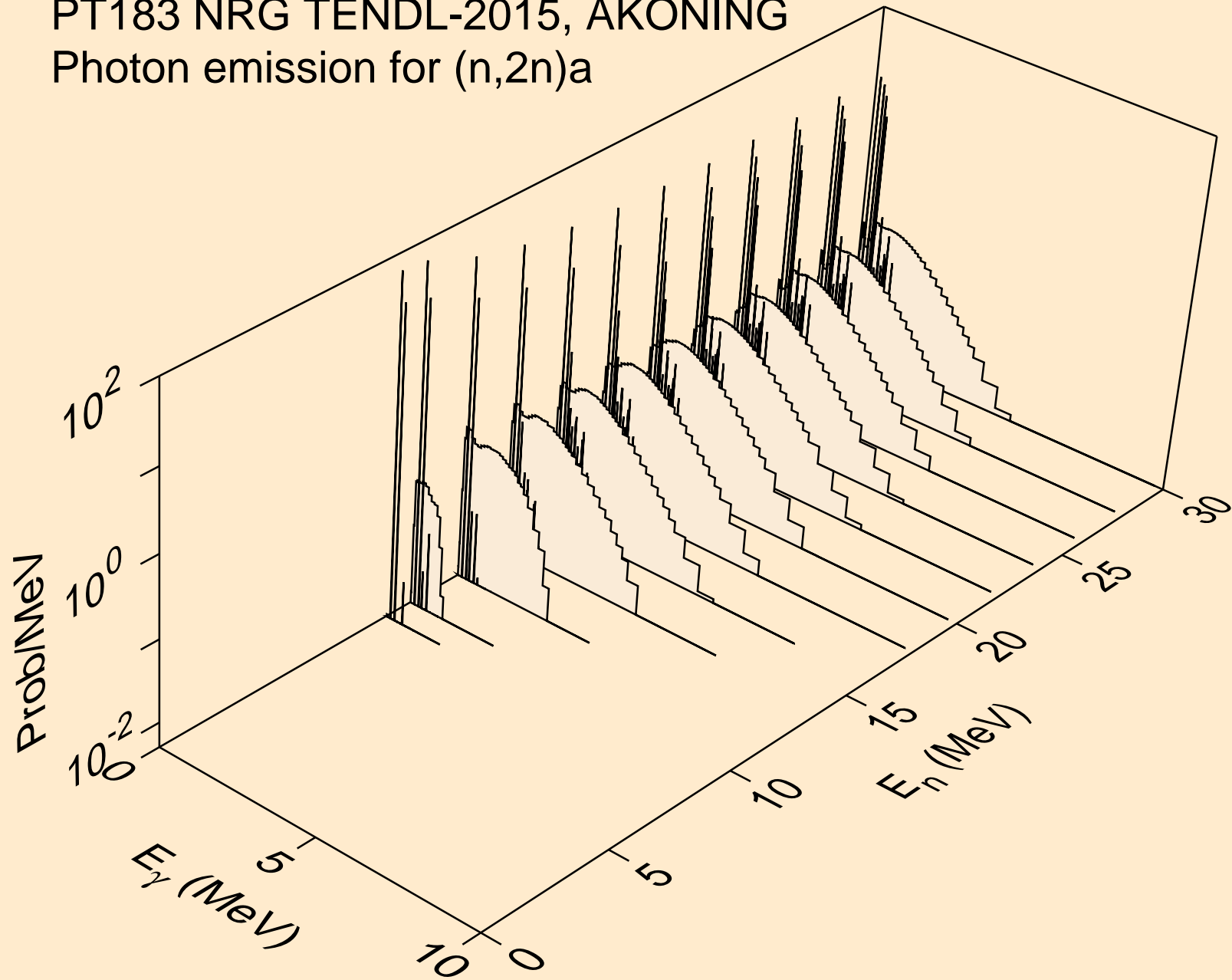


PT183 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

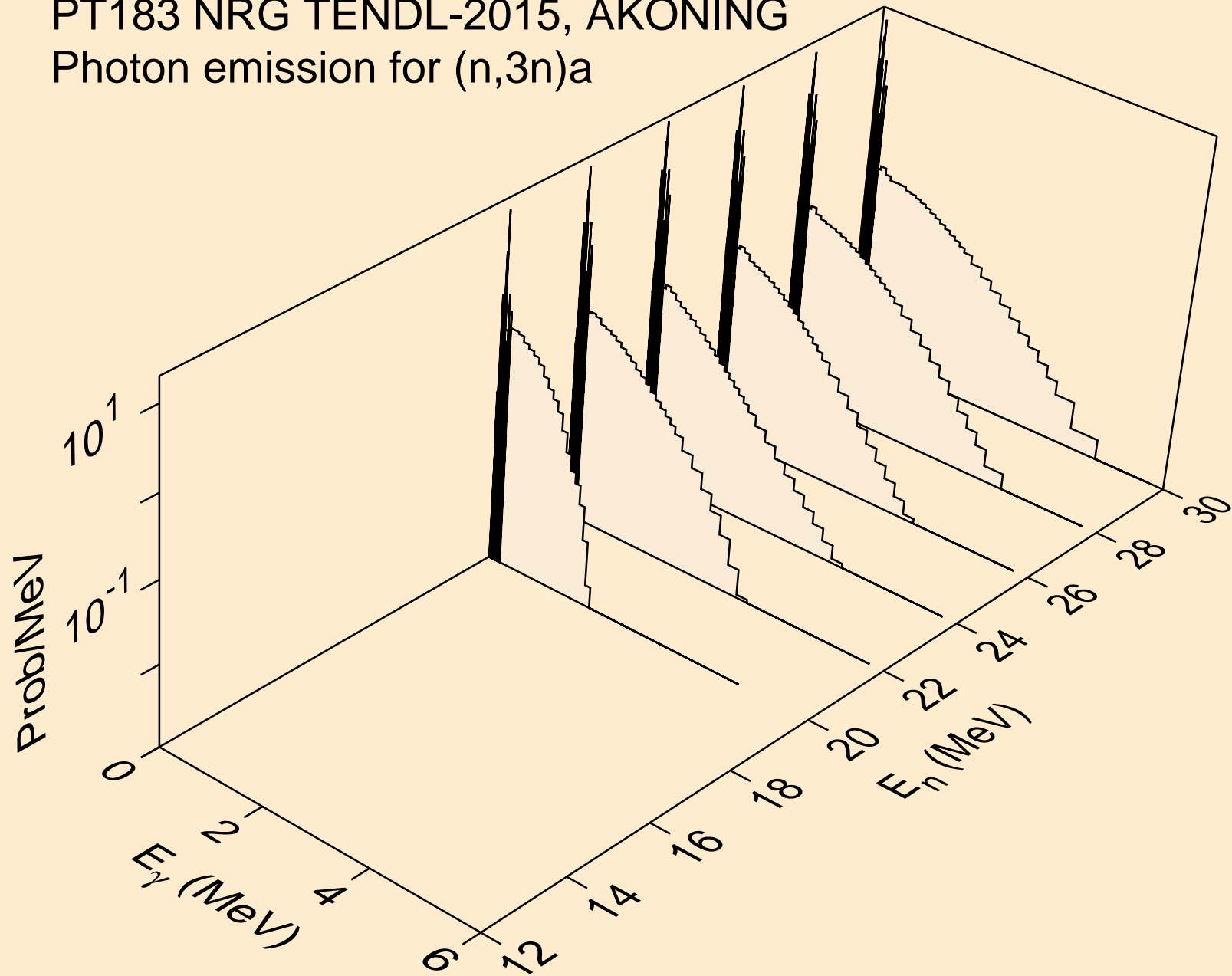




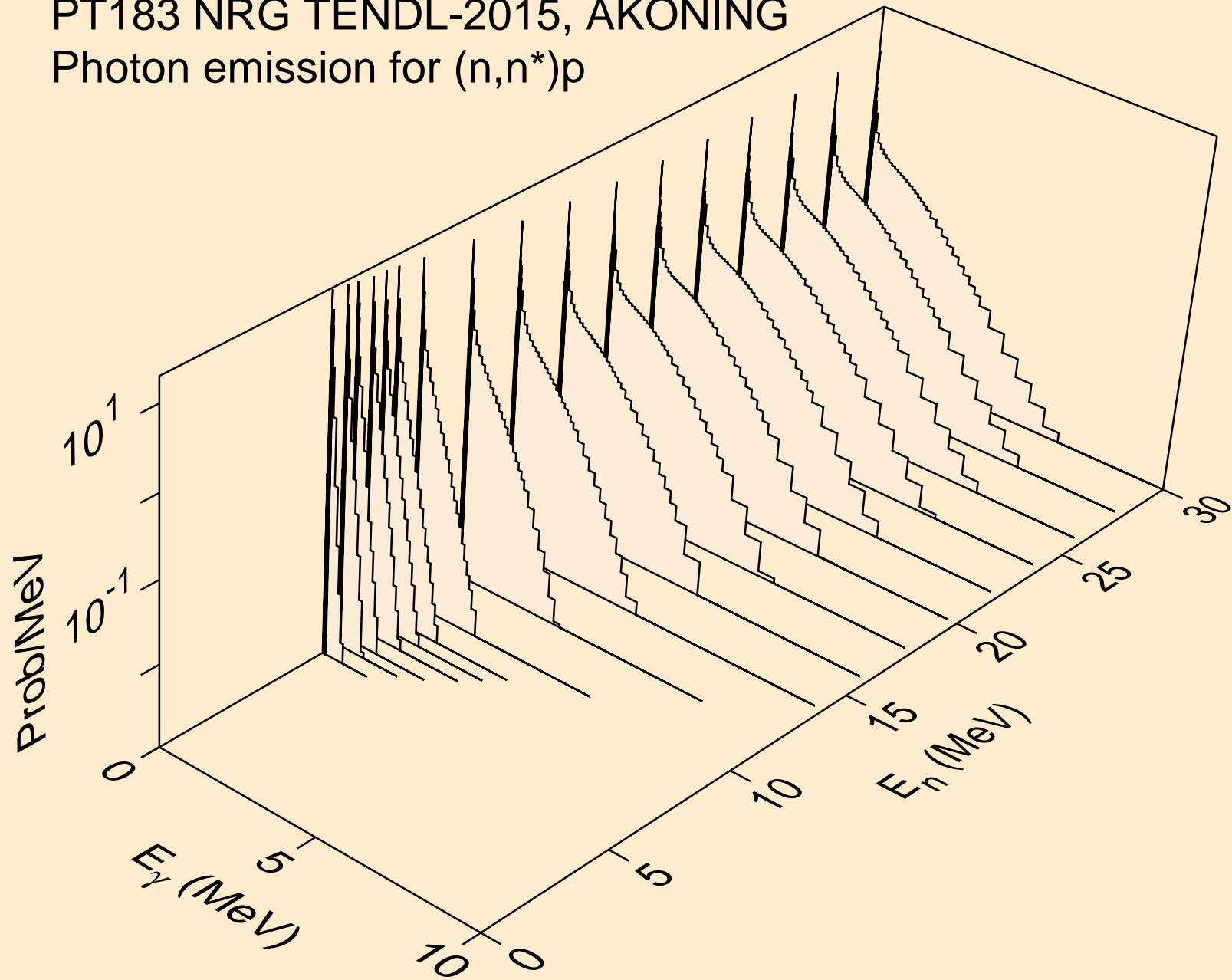
PT183 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



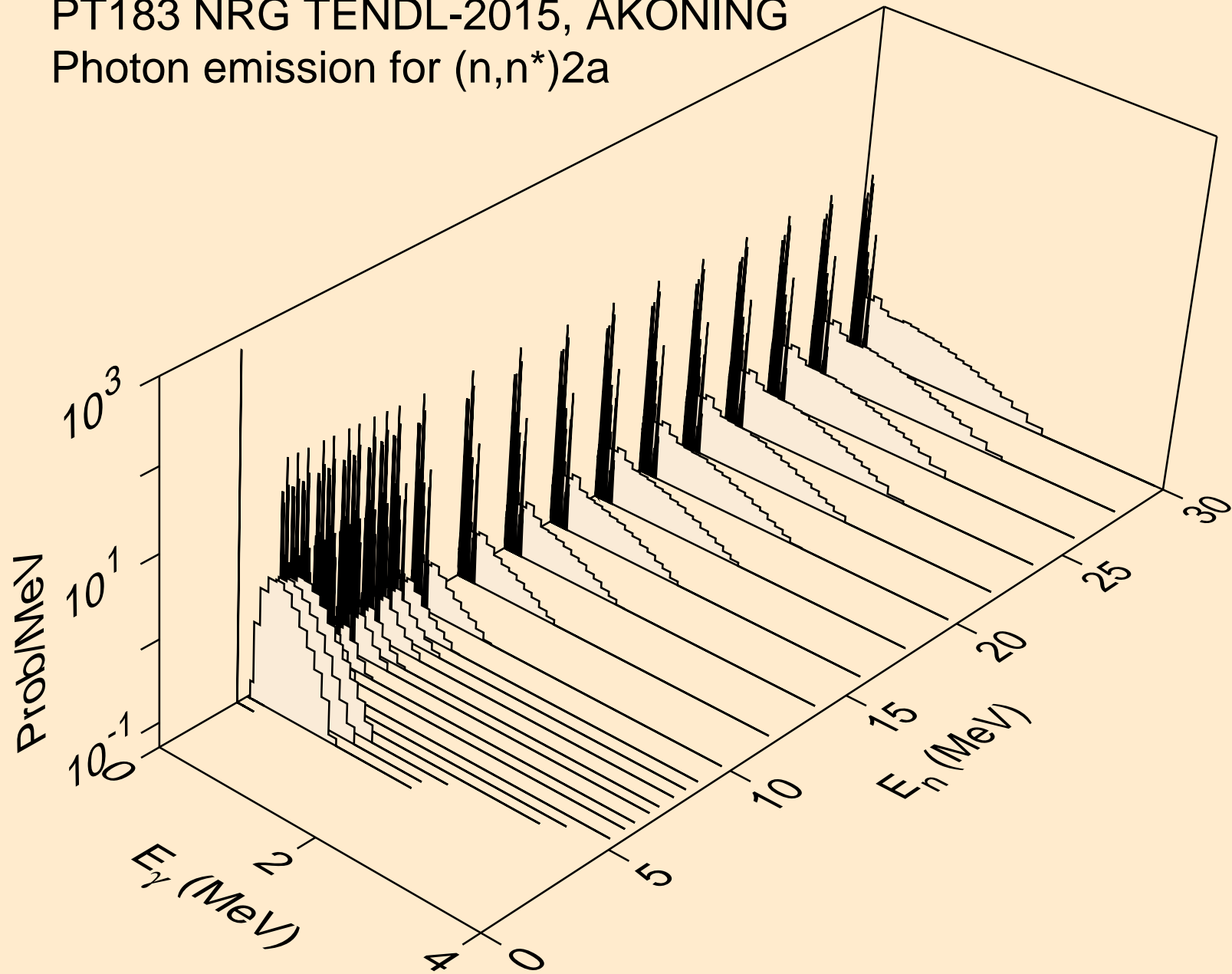
PT183 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



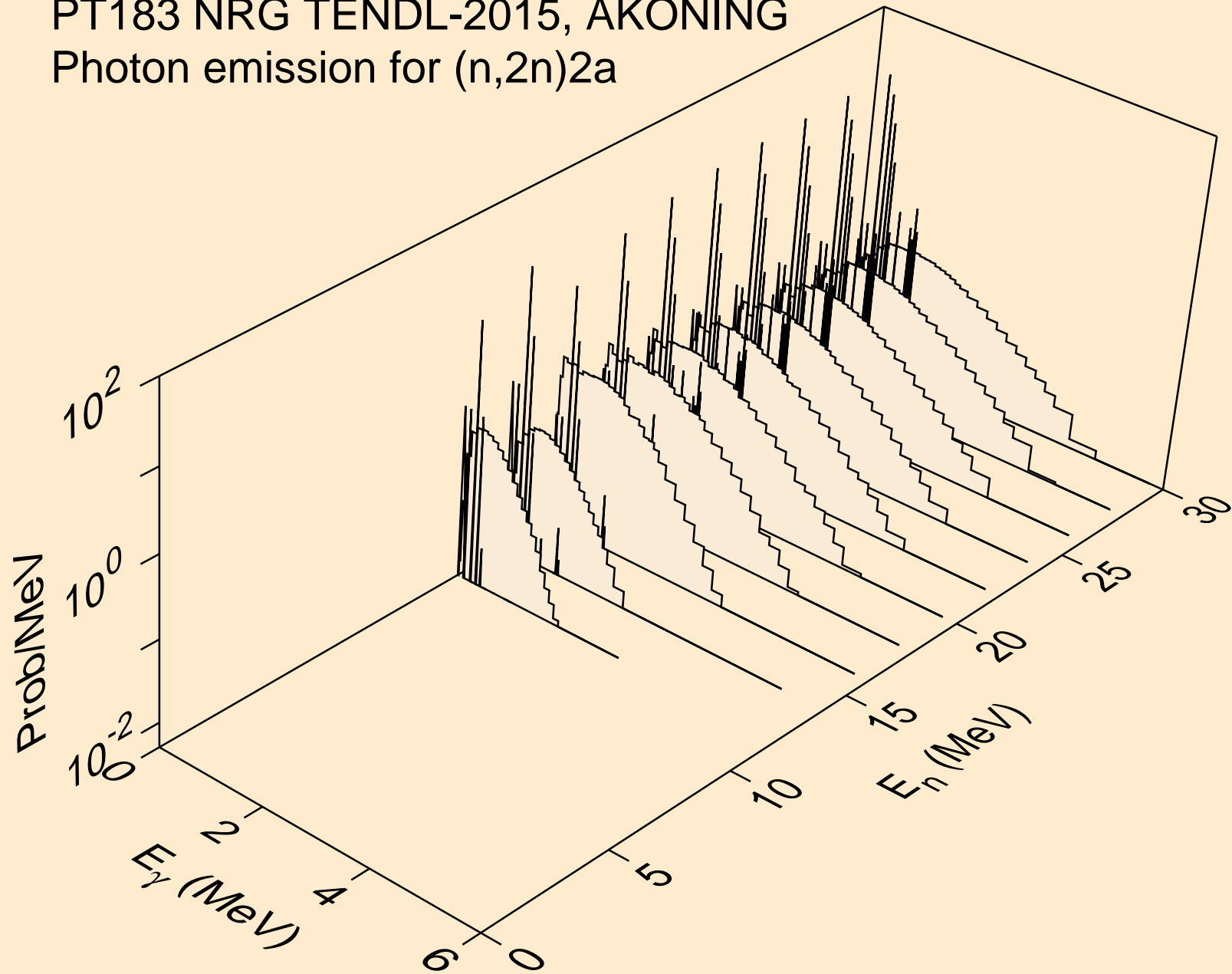
PT183 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



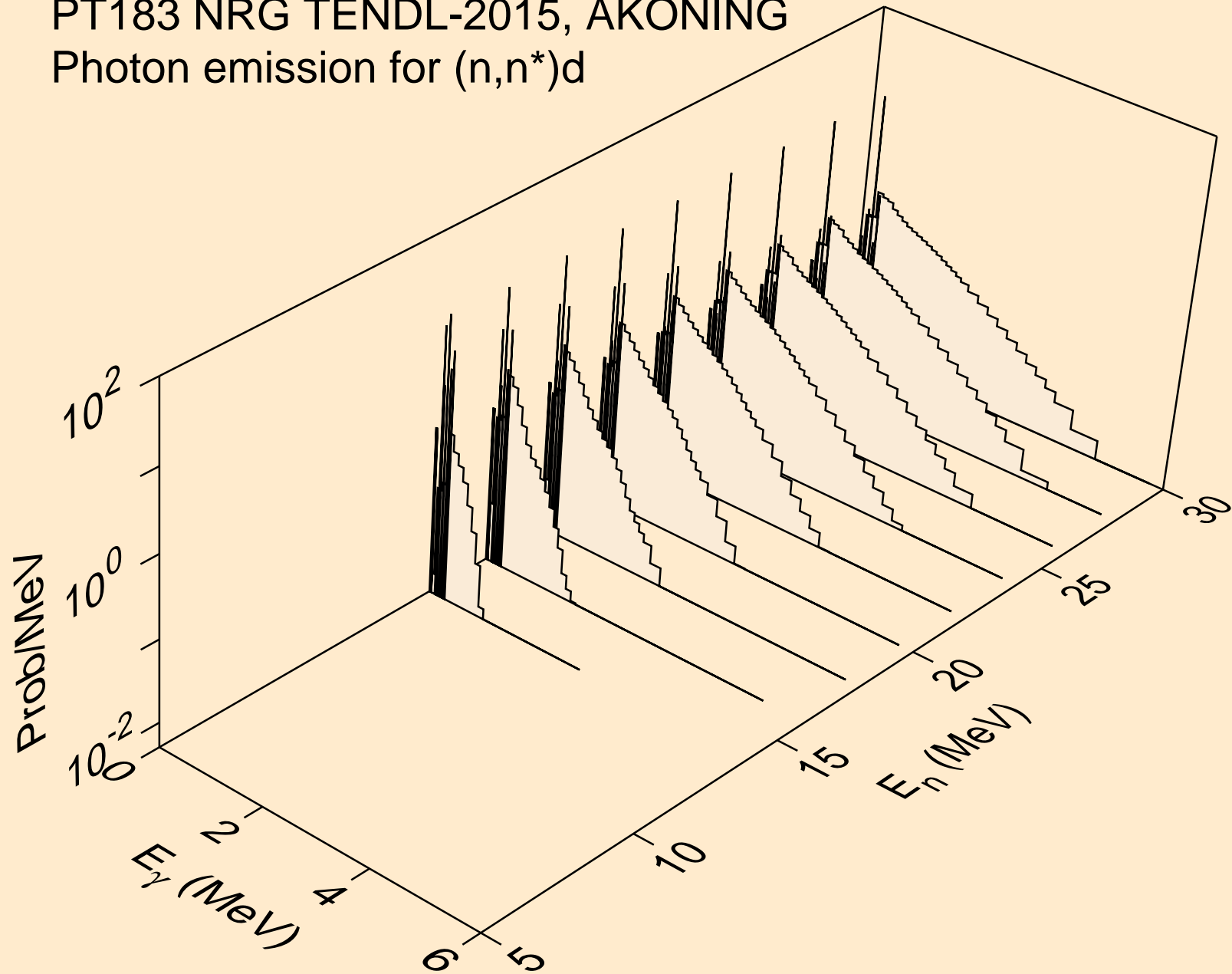
PT183 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



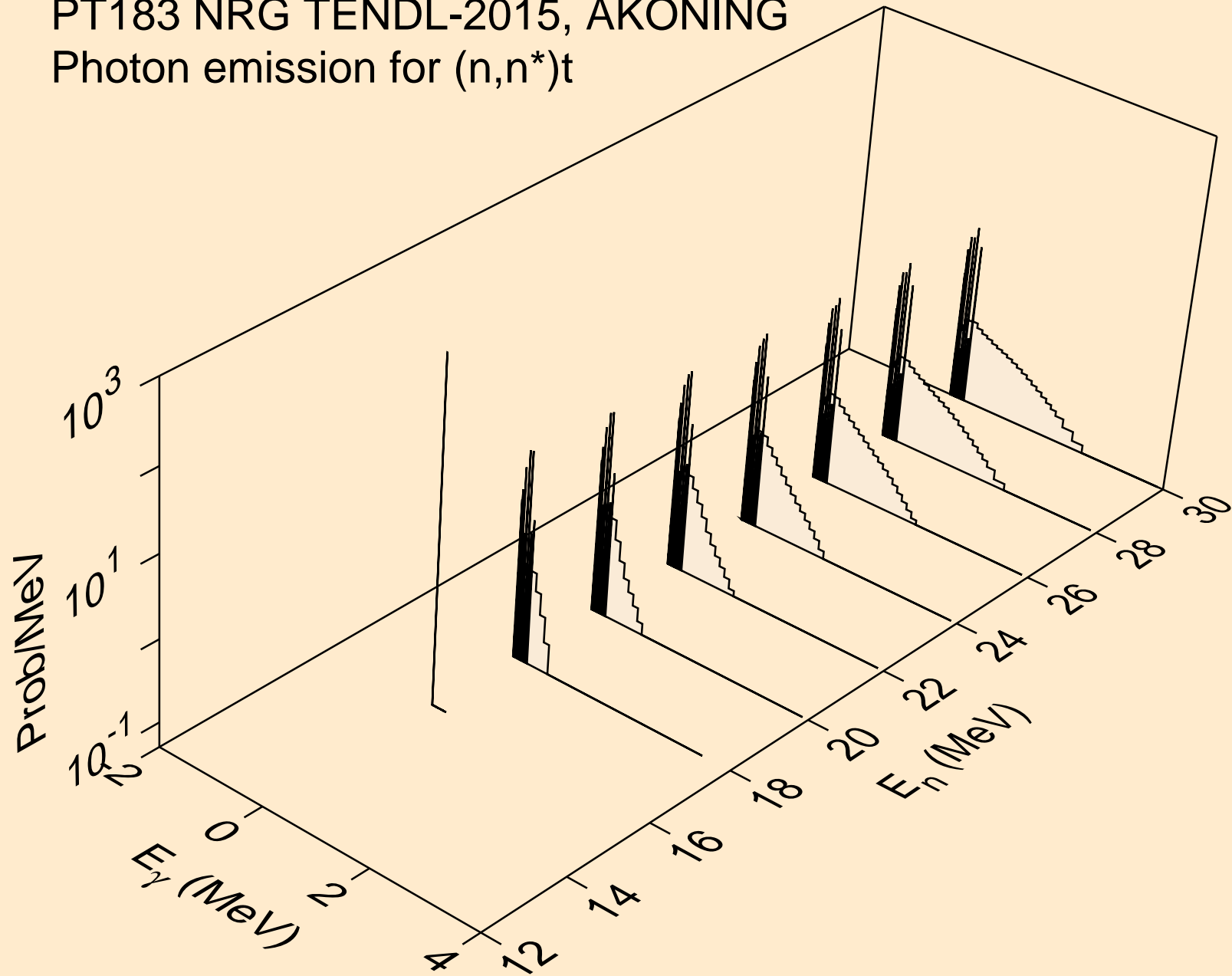
PT183 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



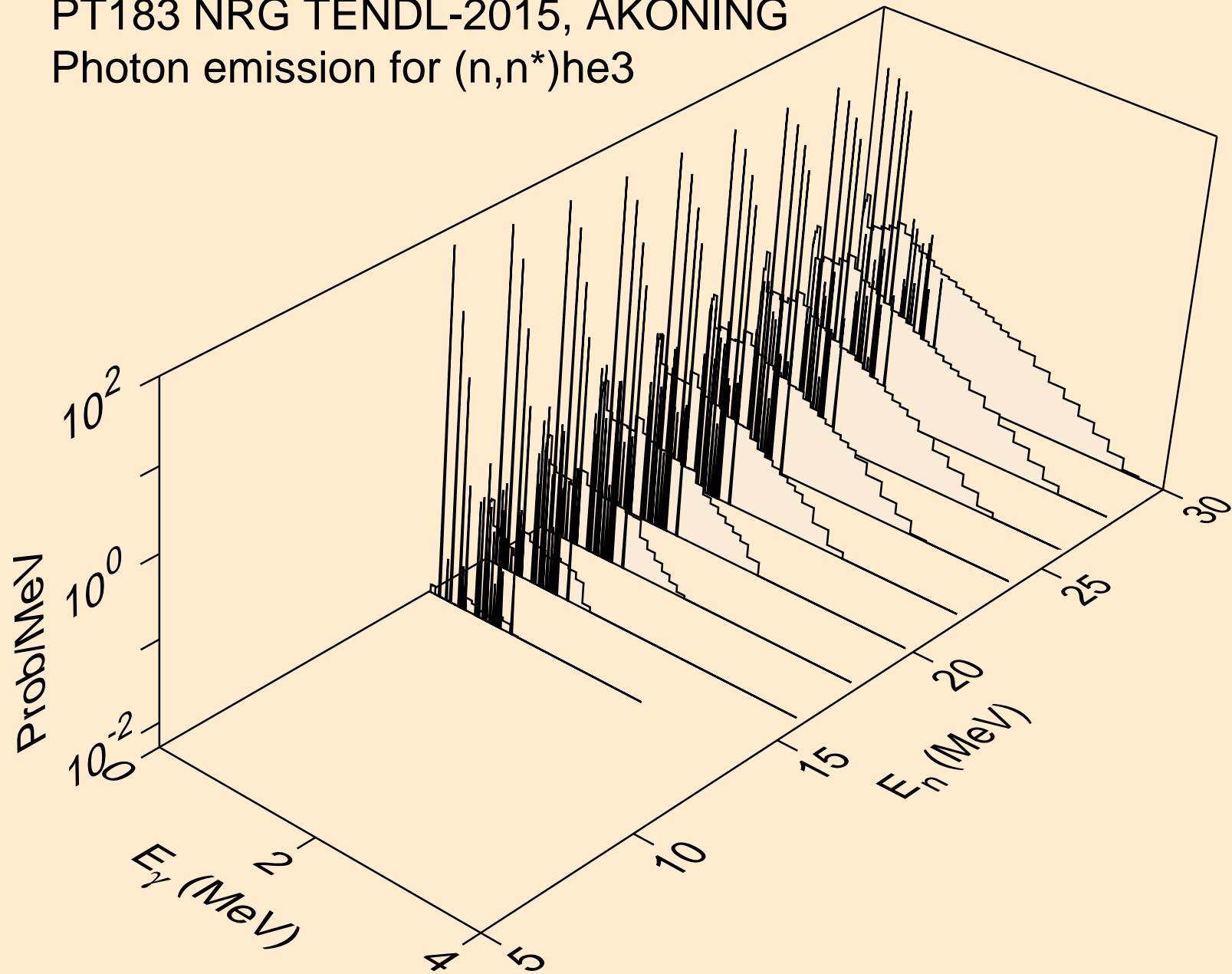
PT183 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



PT183 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

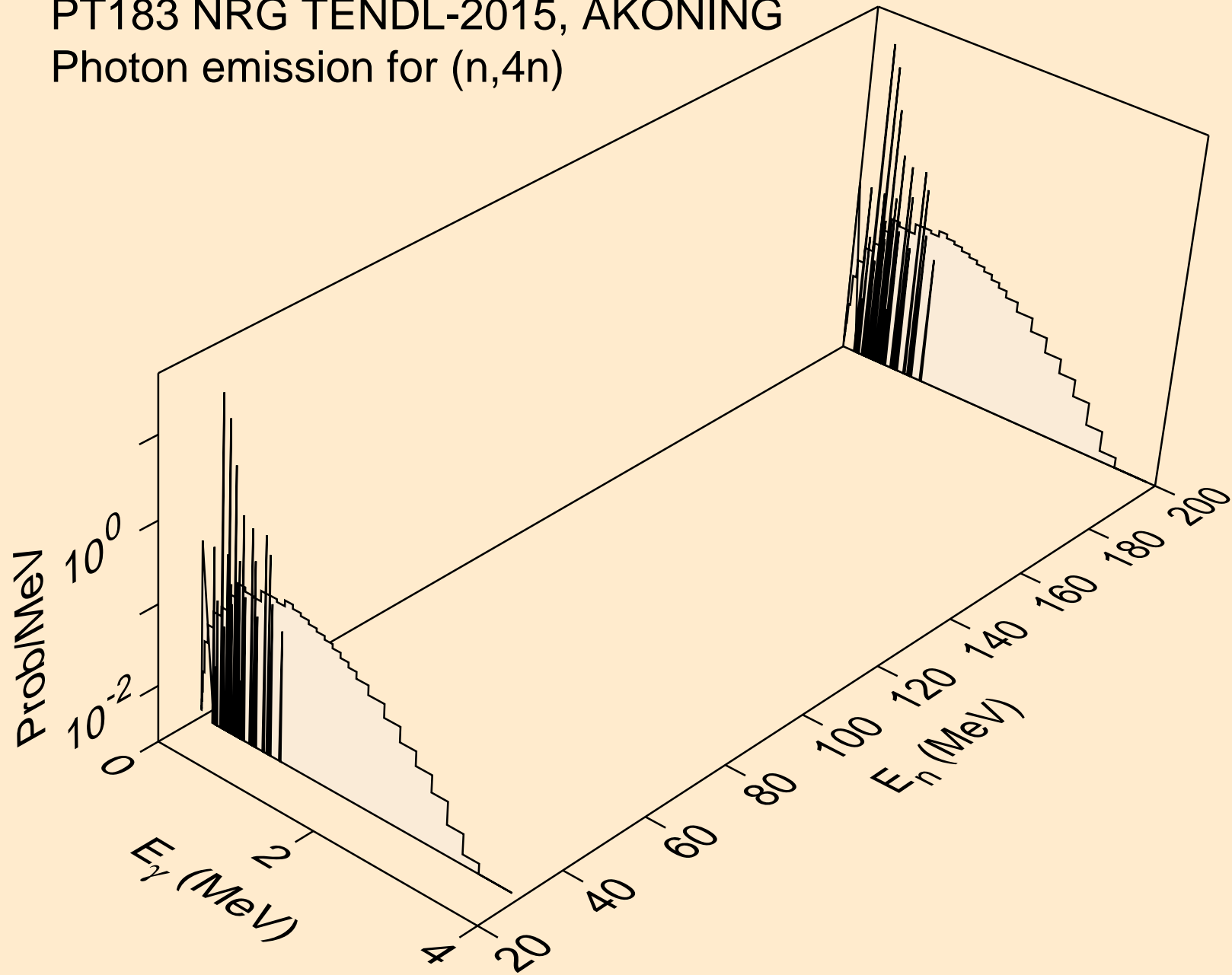


PT183 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

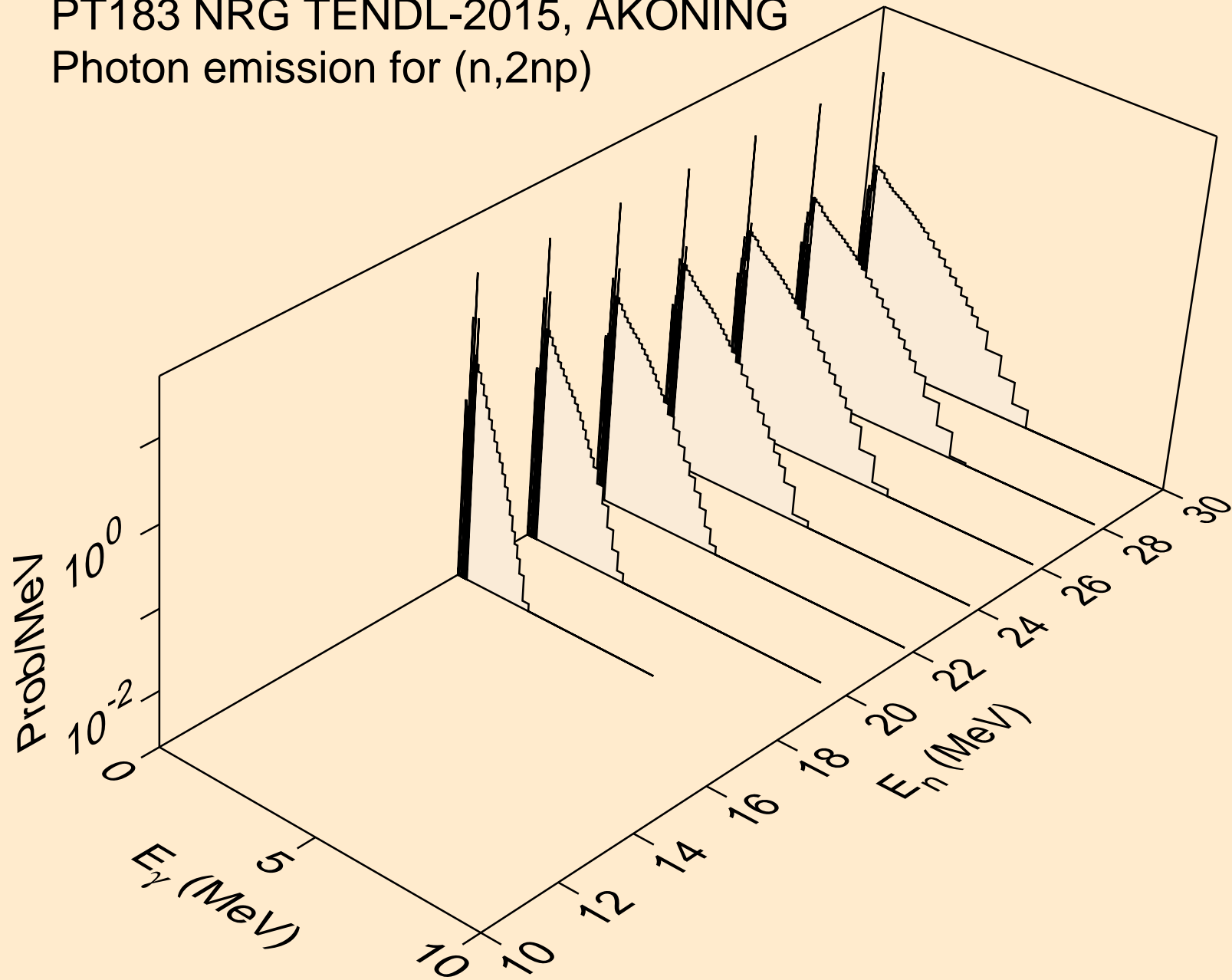




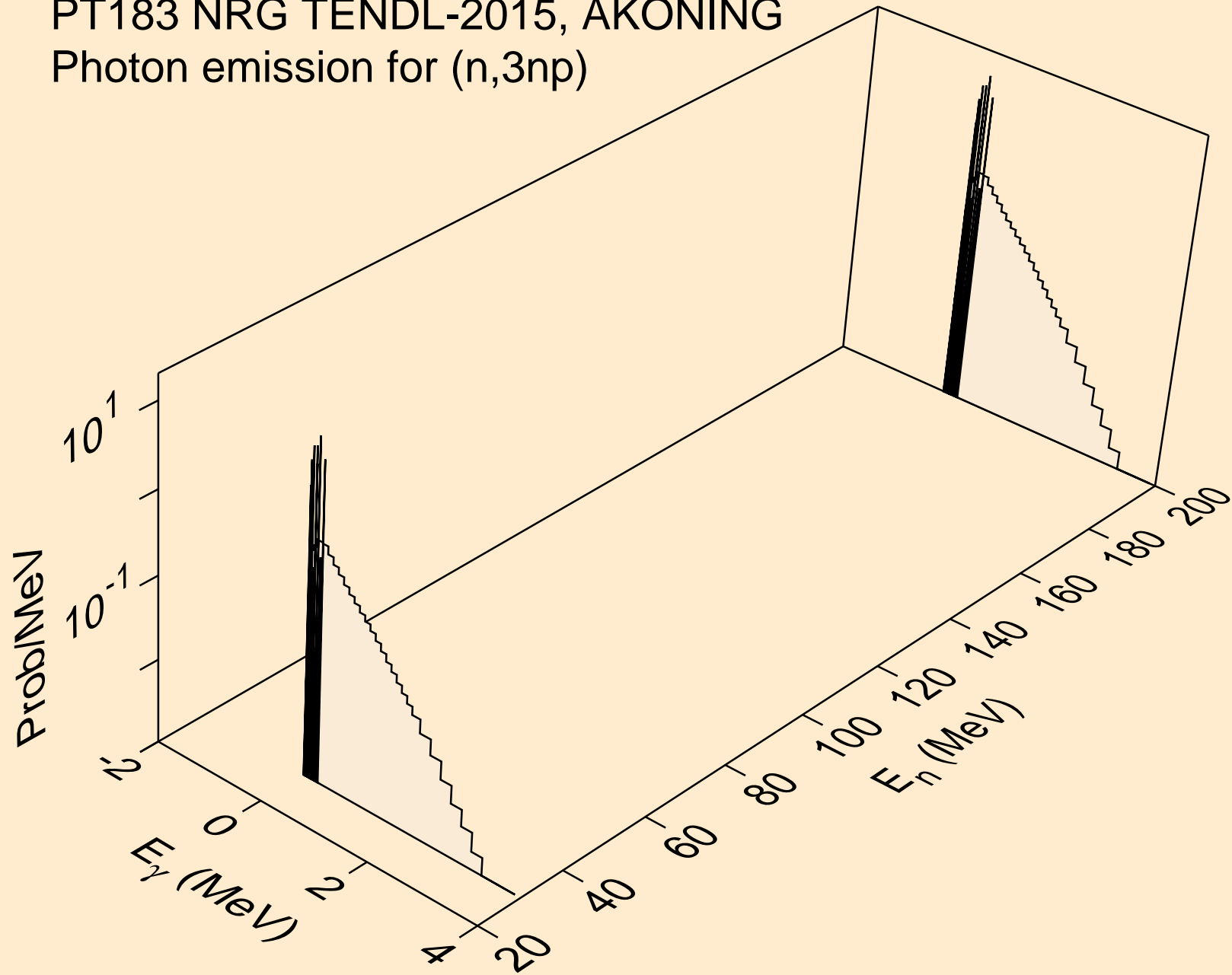
PT183 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



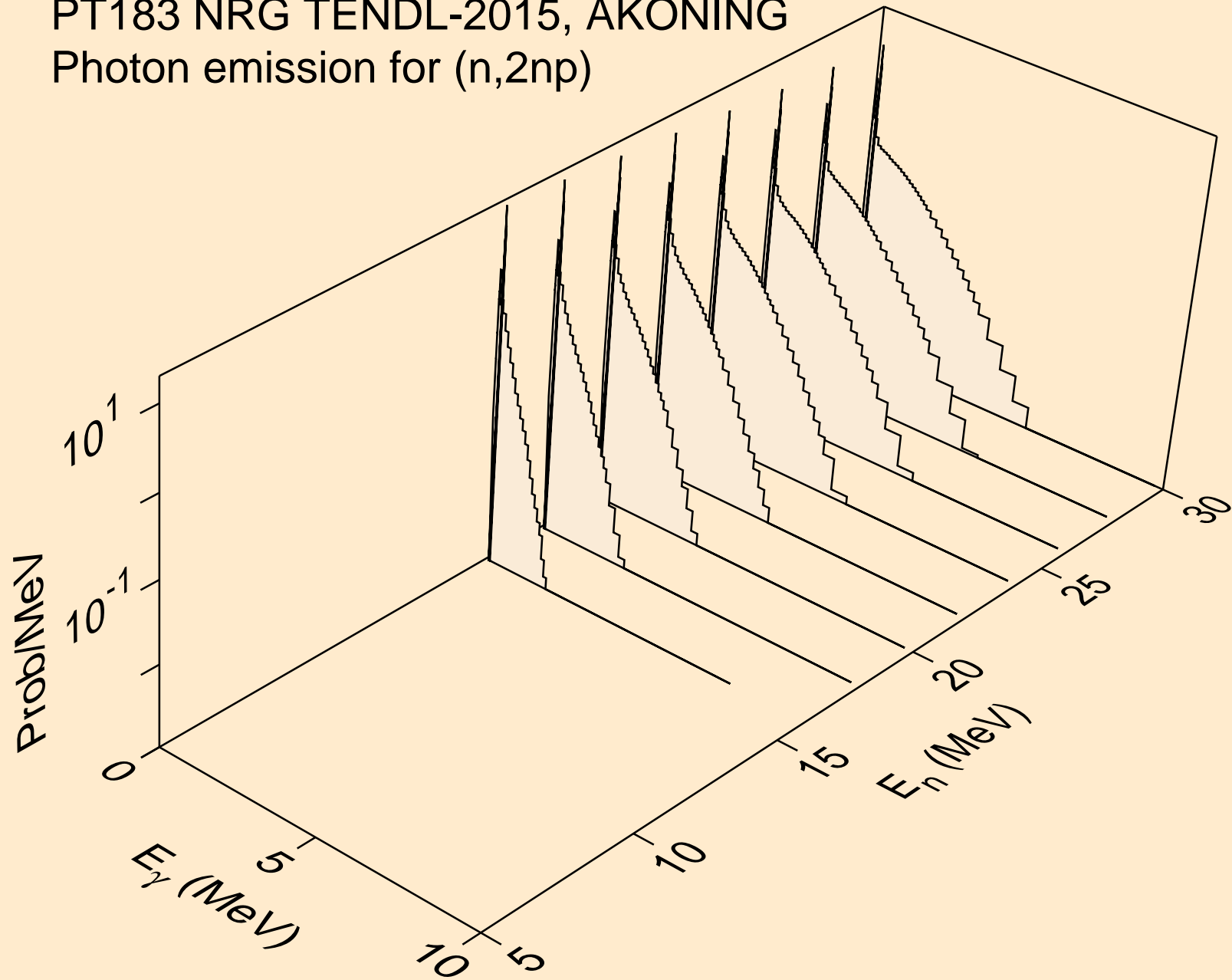
PT183 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



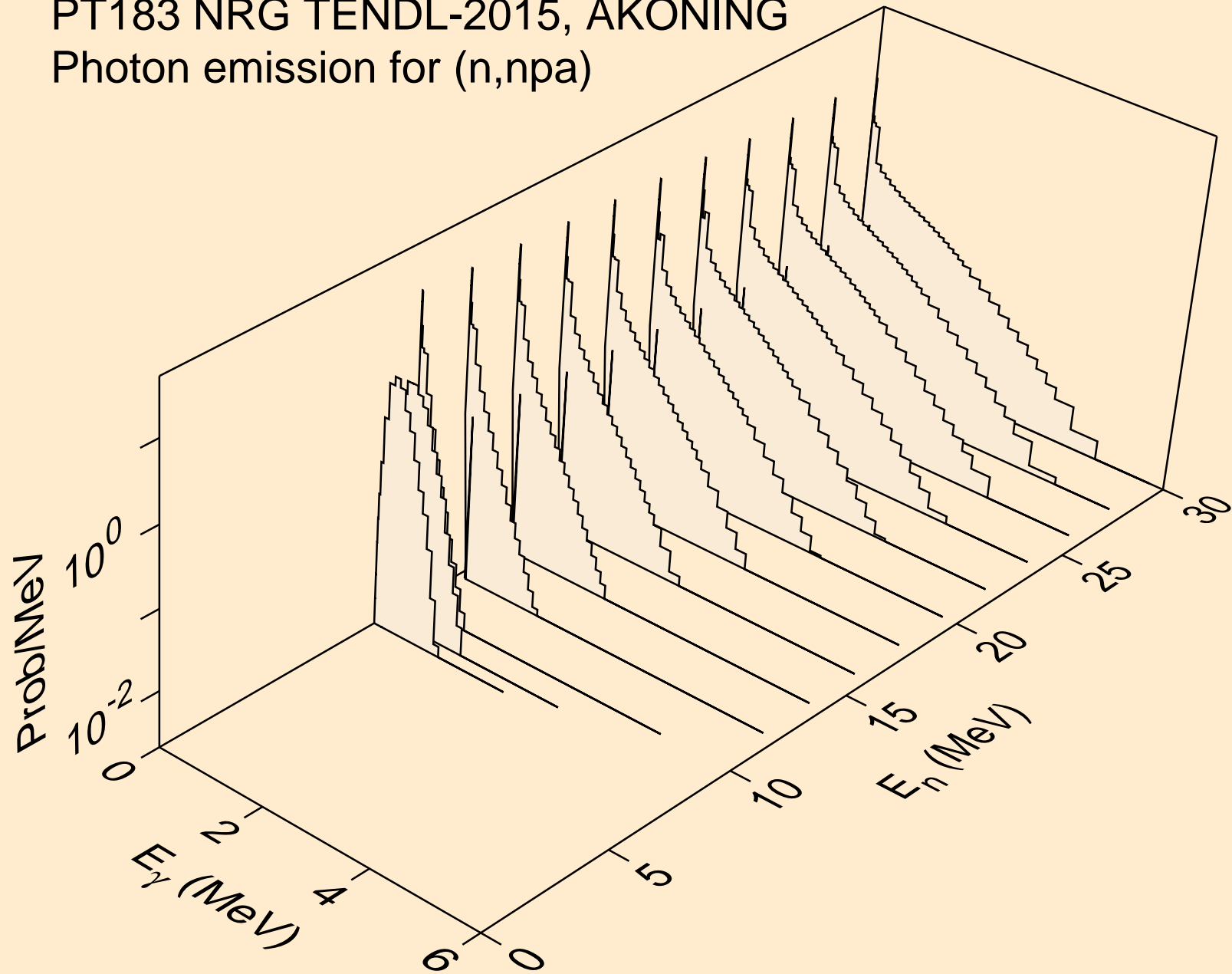
PT183 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



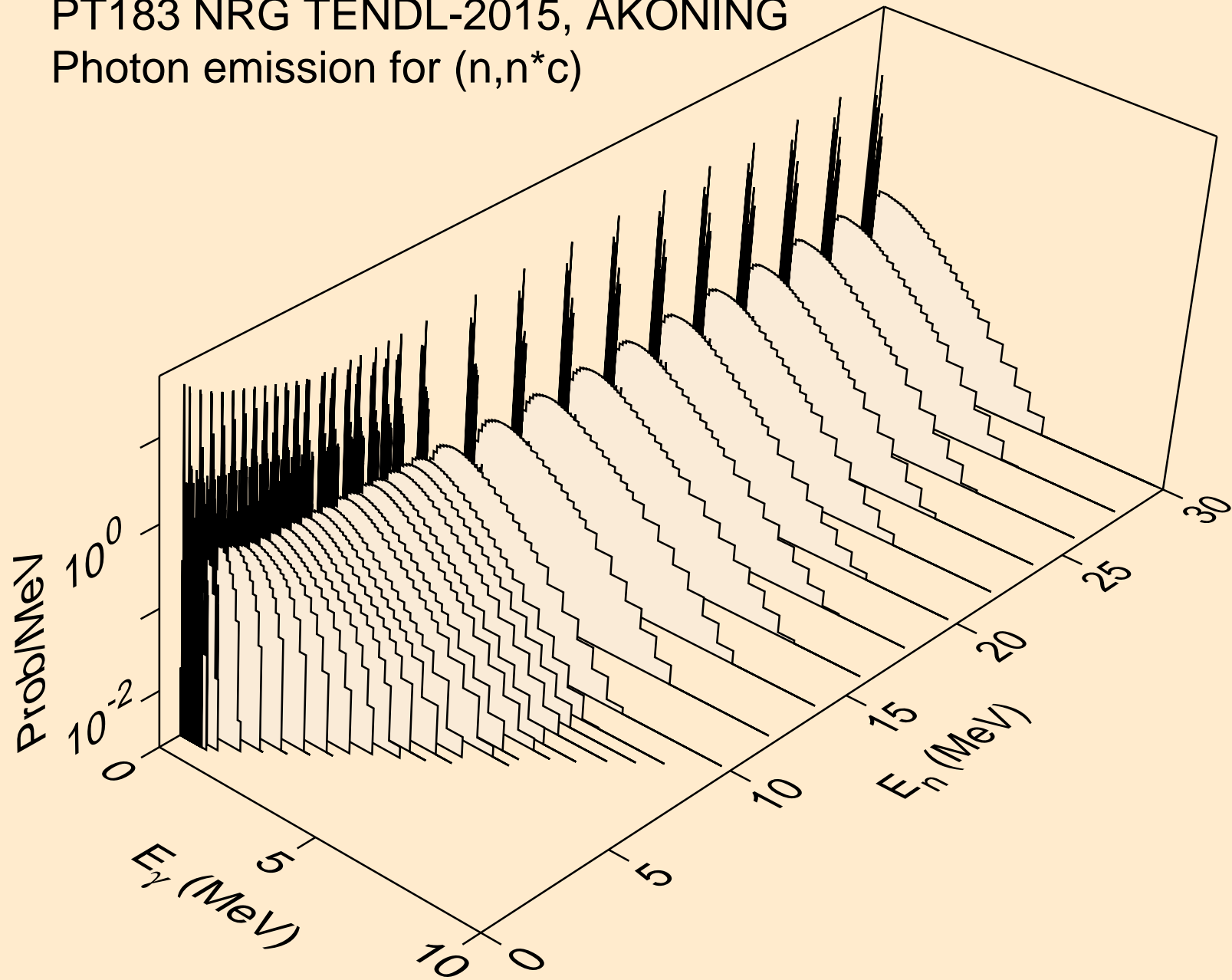
PT183 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



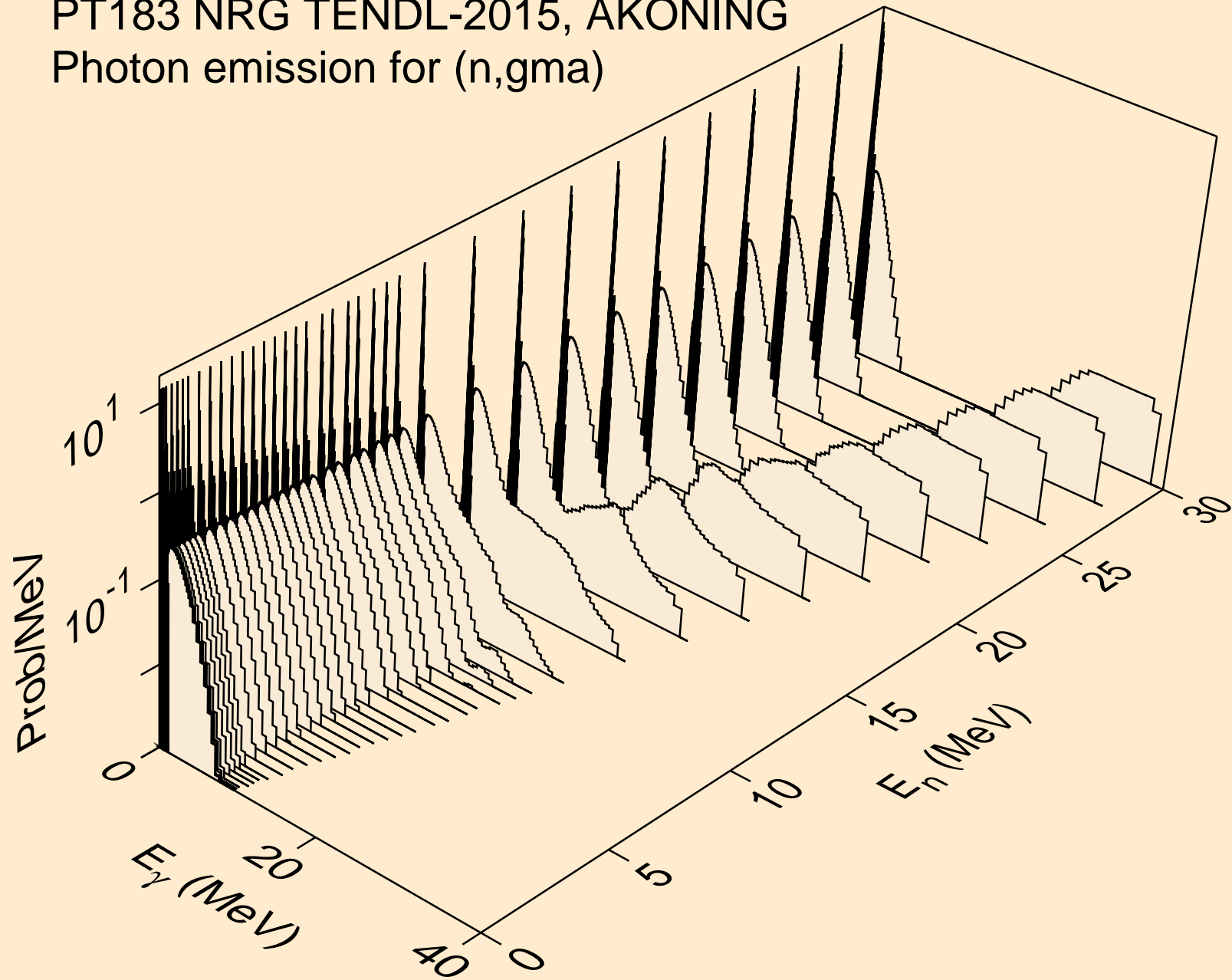
PT183 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



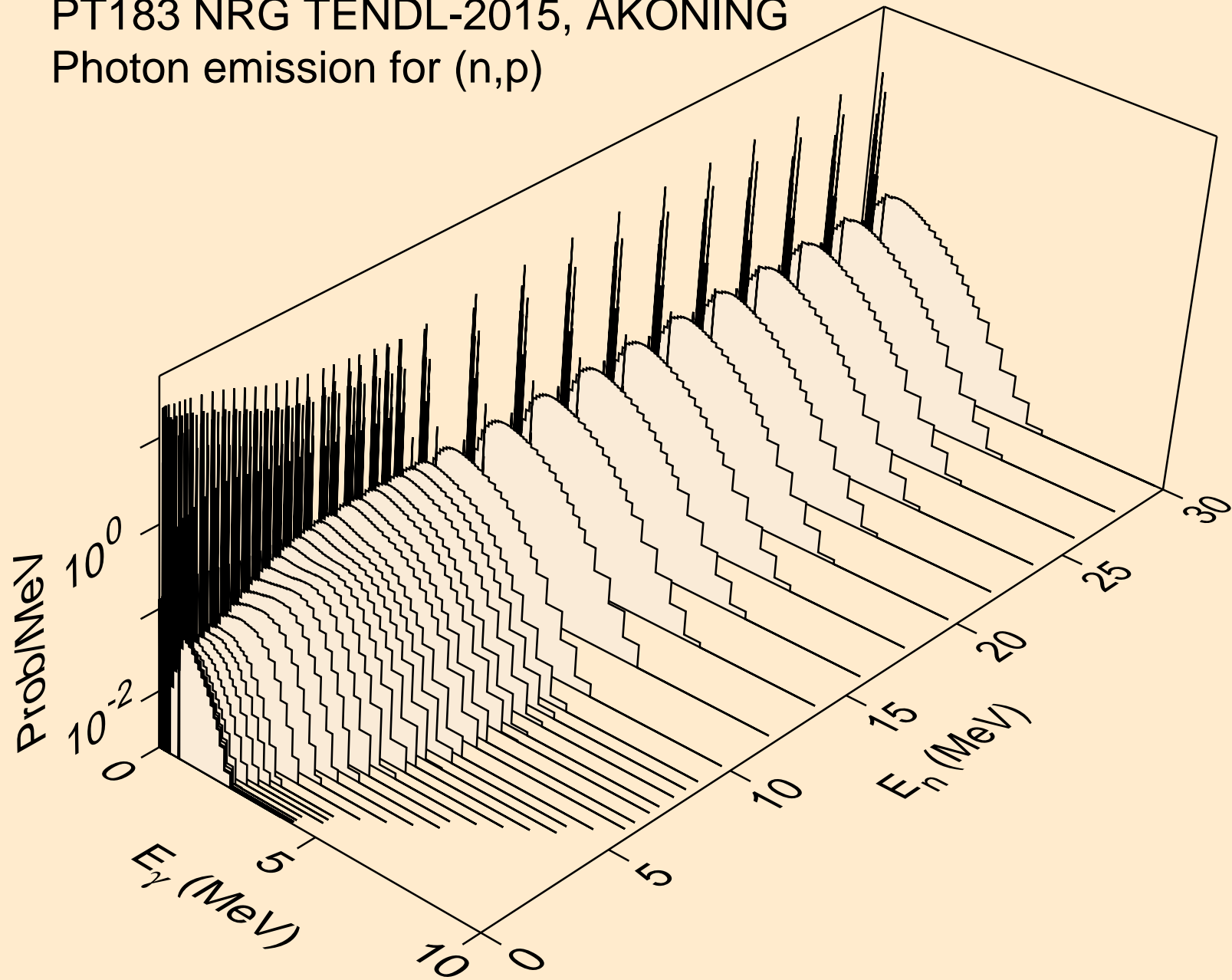
PT183 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



PT183 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

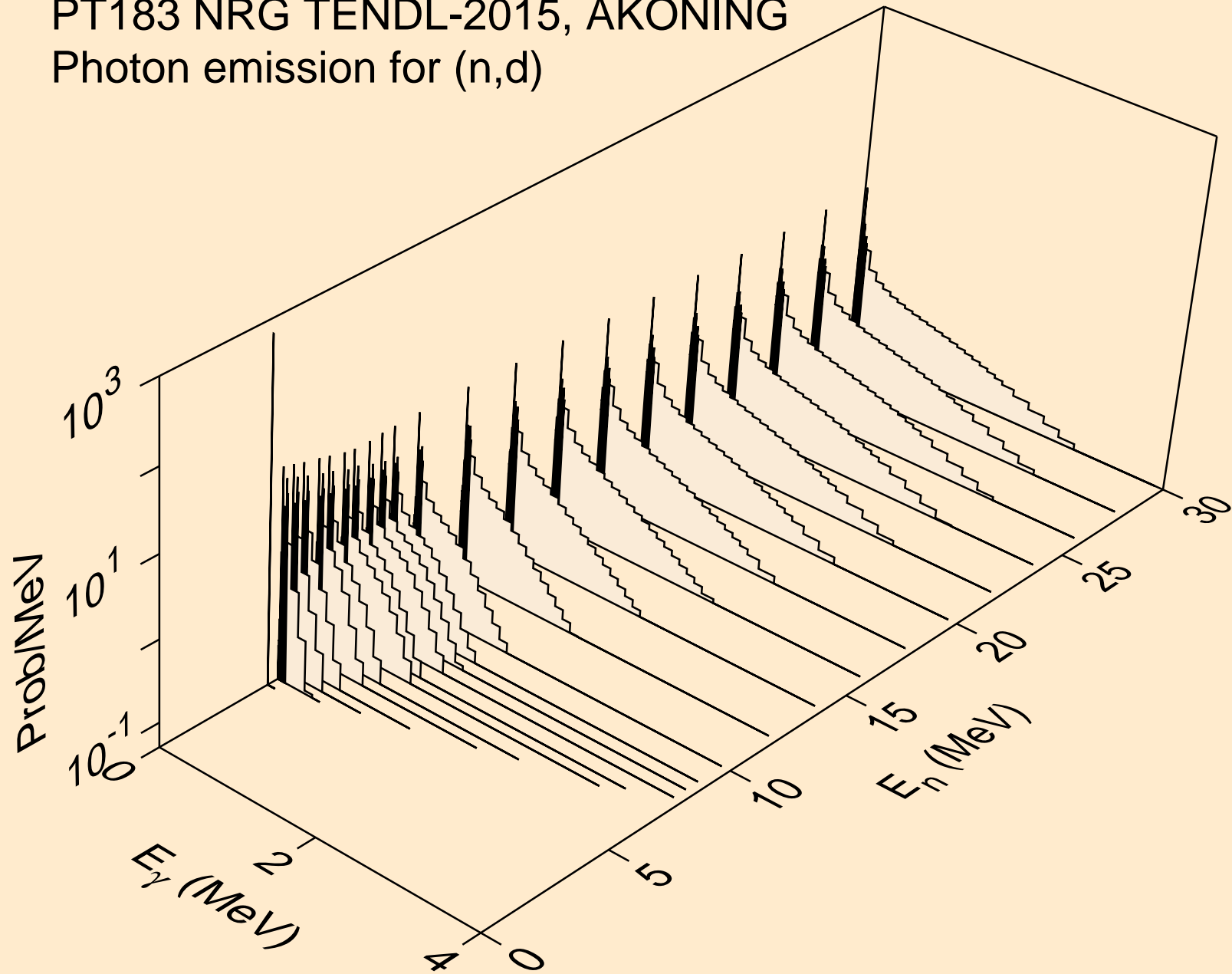


PT183 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

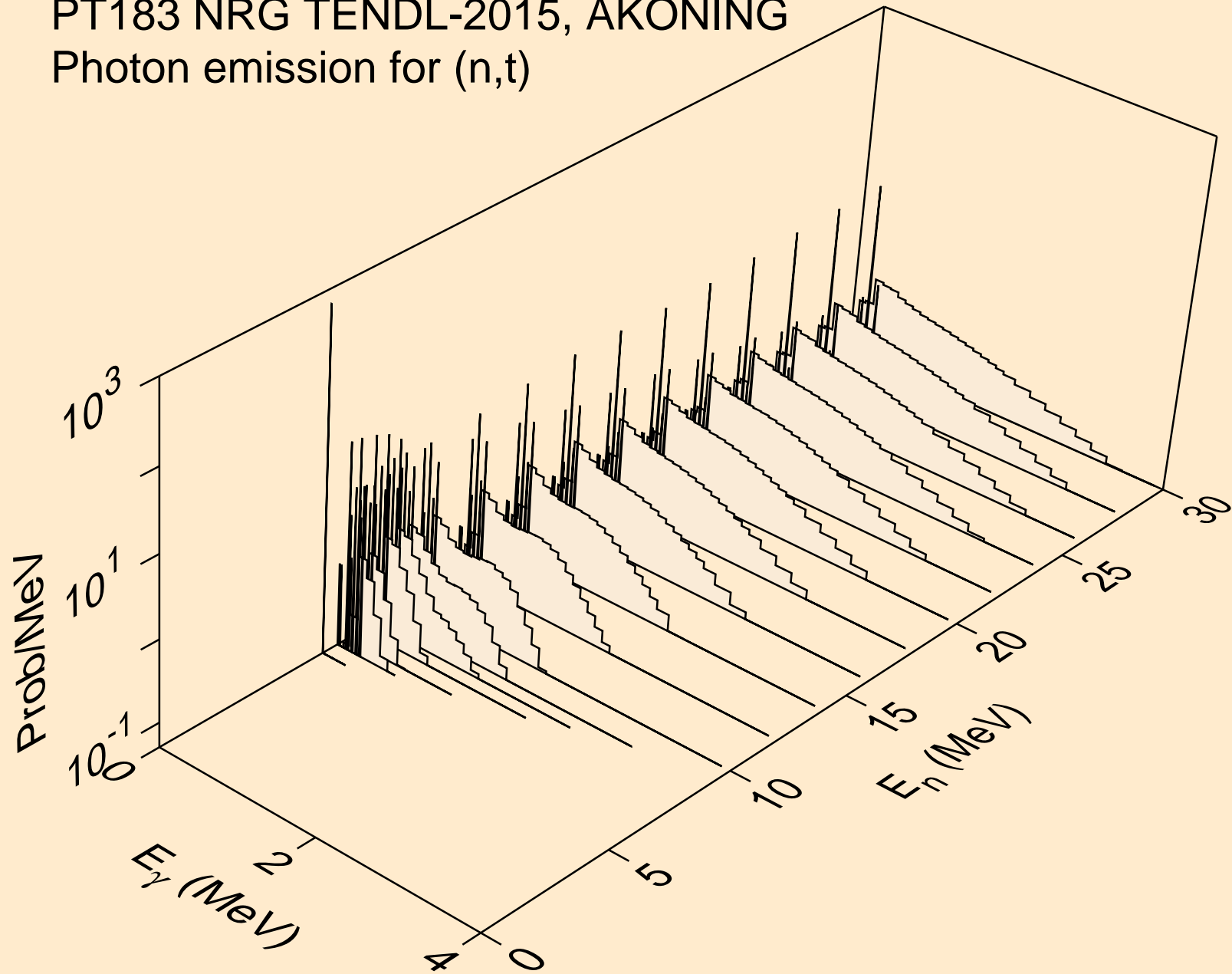




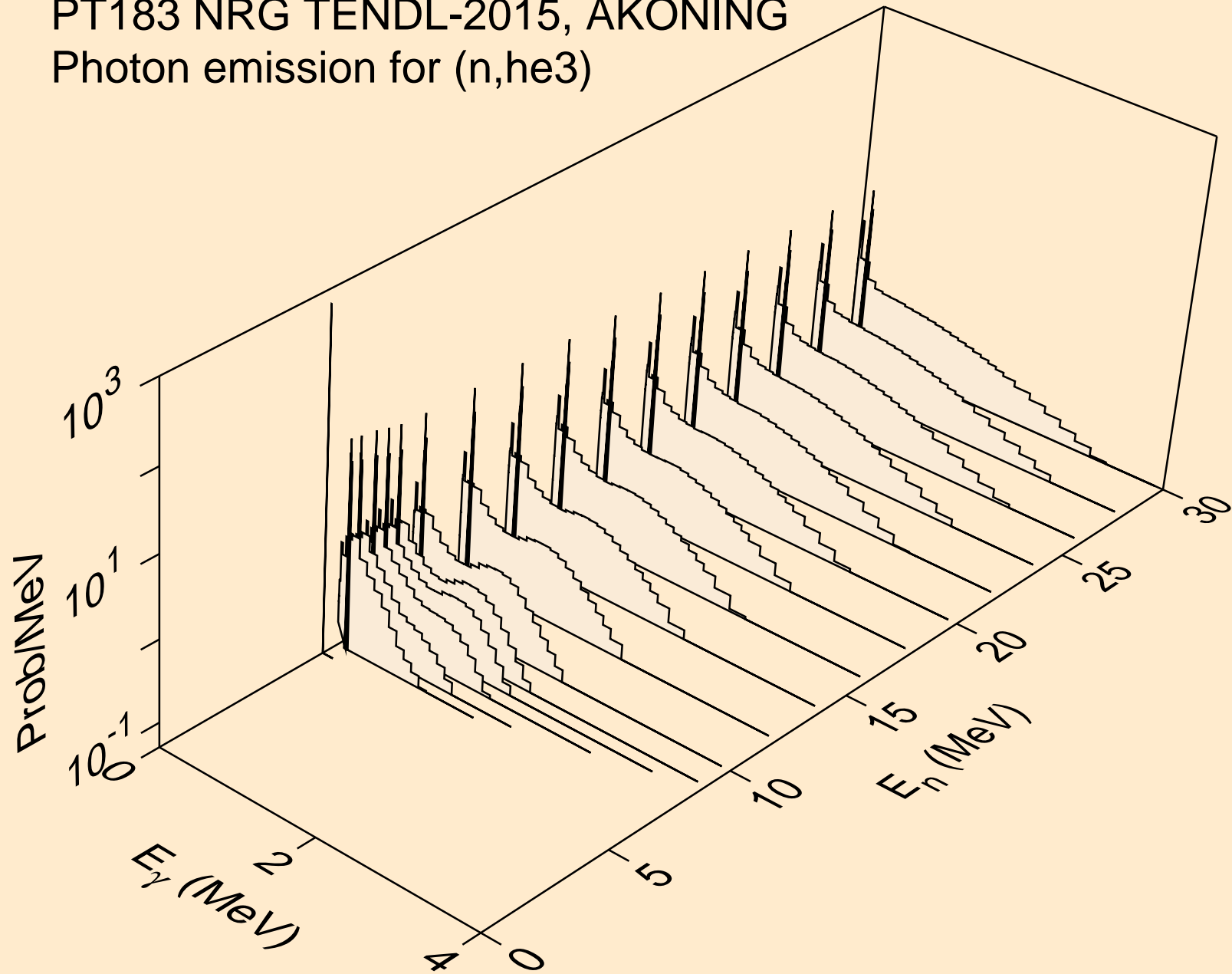
PT183 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



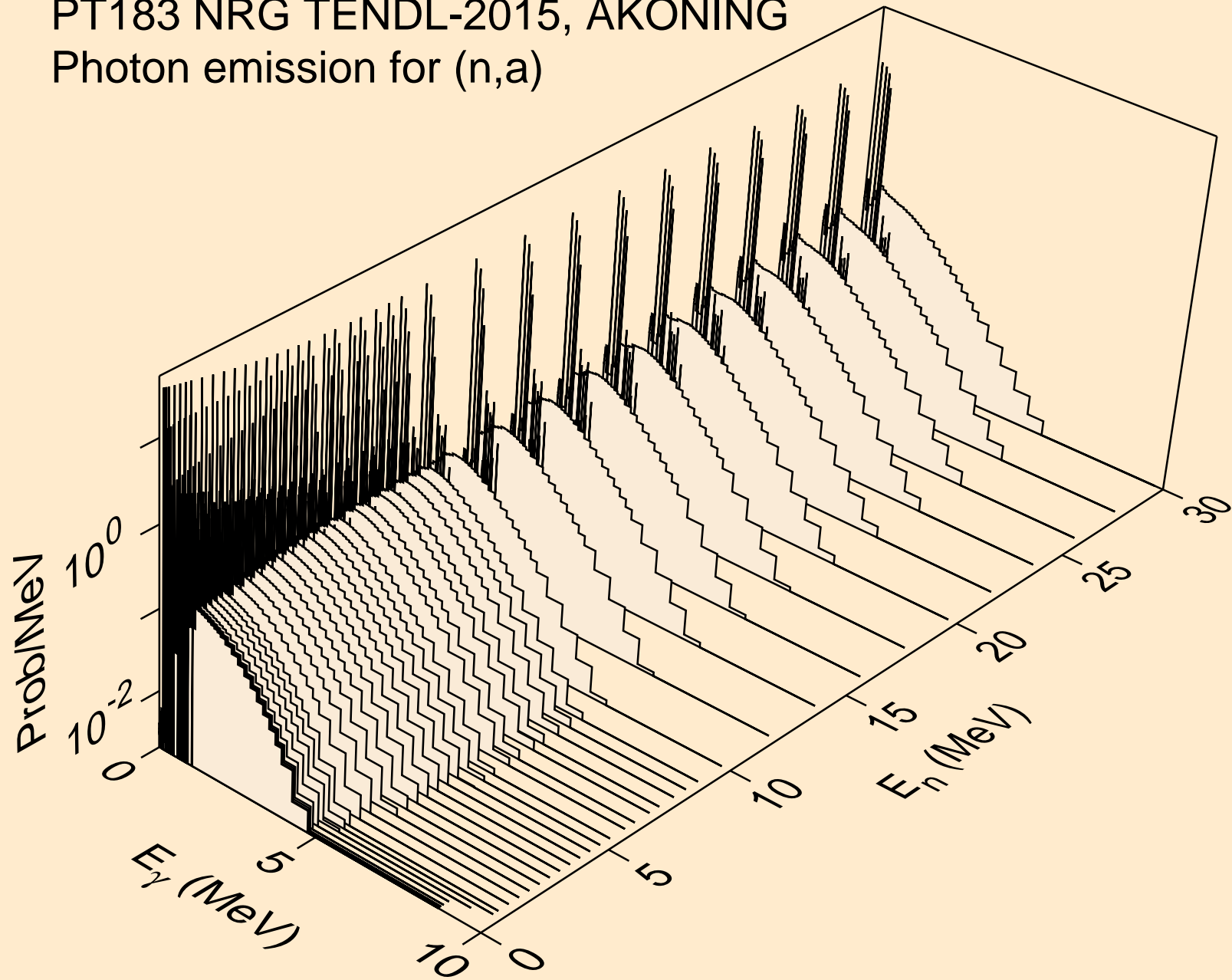
PT183 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



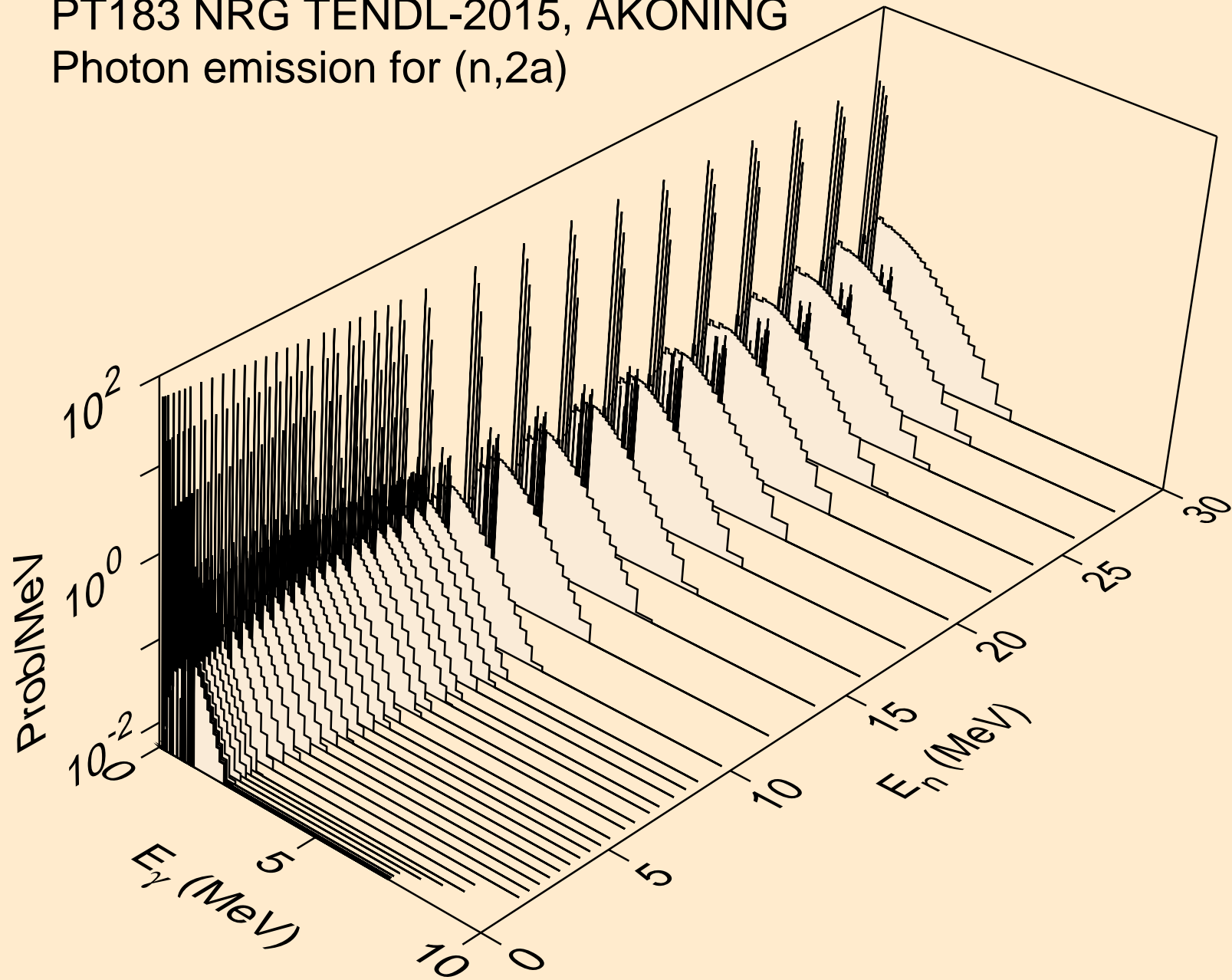
PT183 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



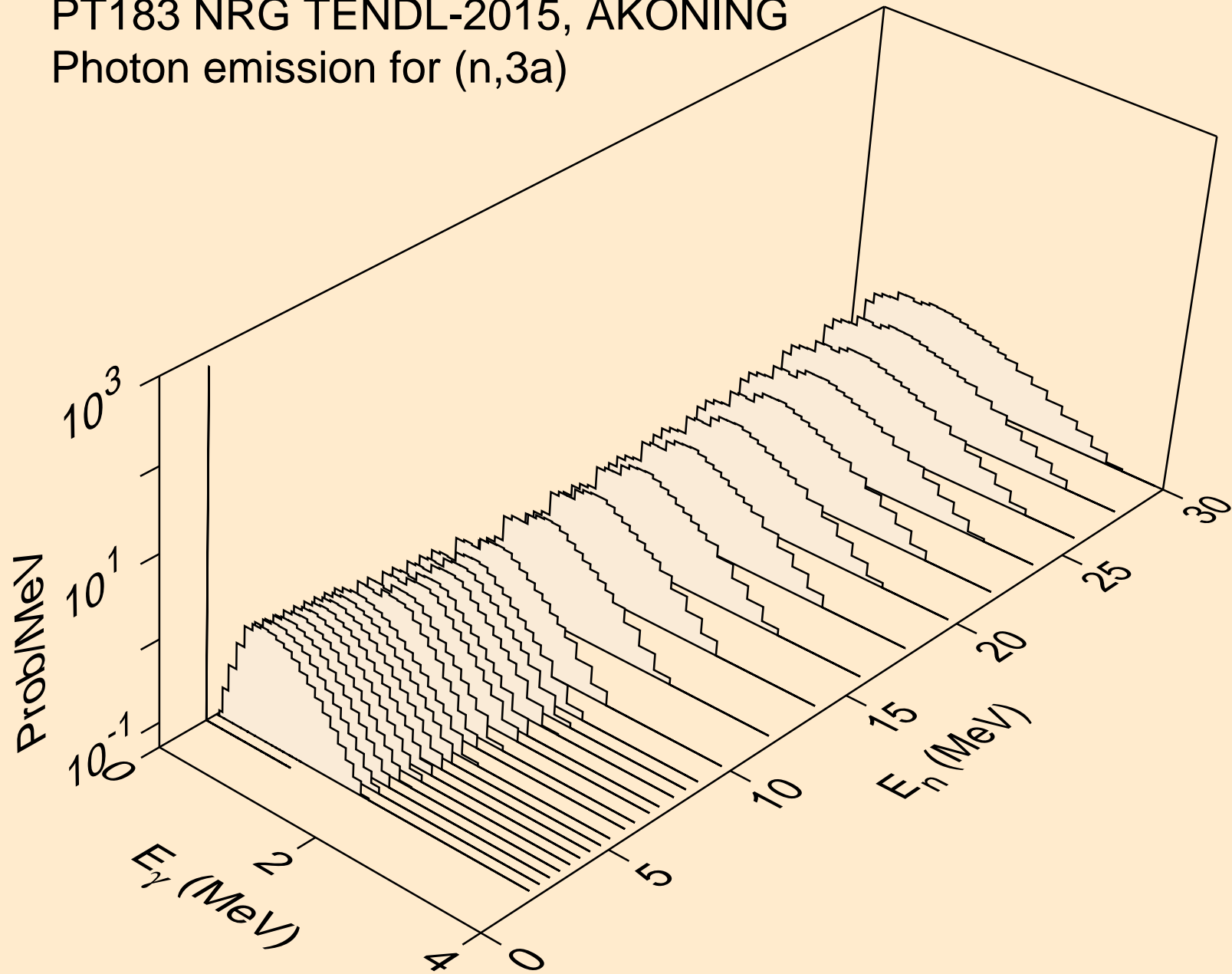
PT183 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



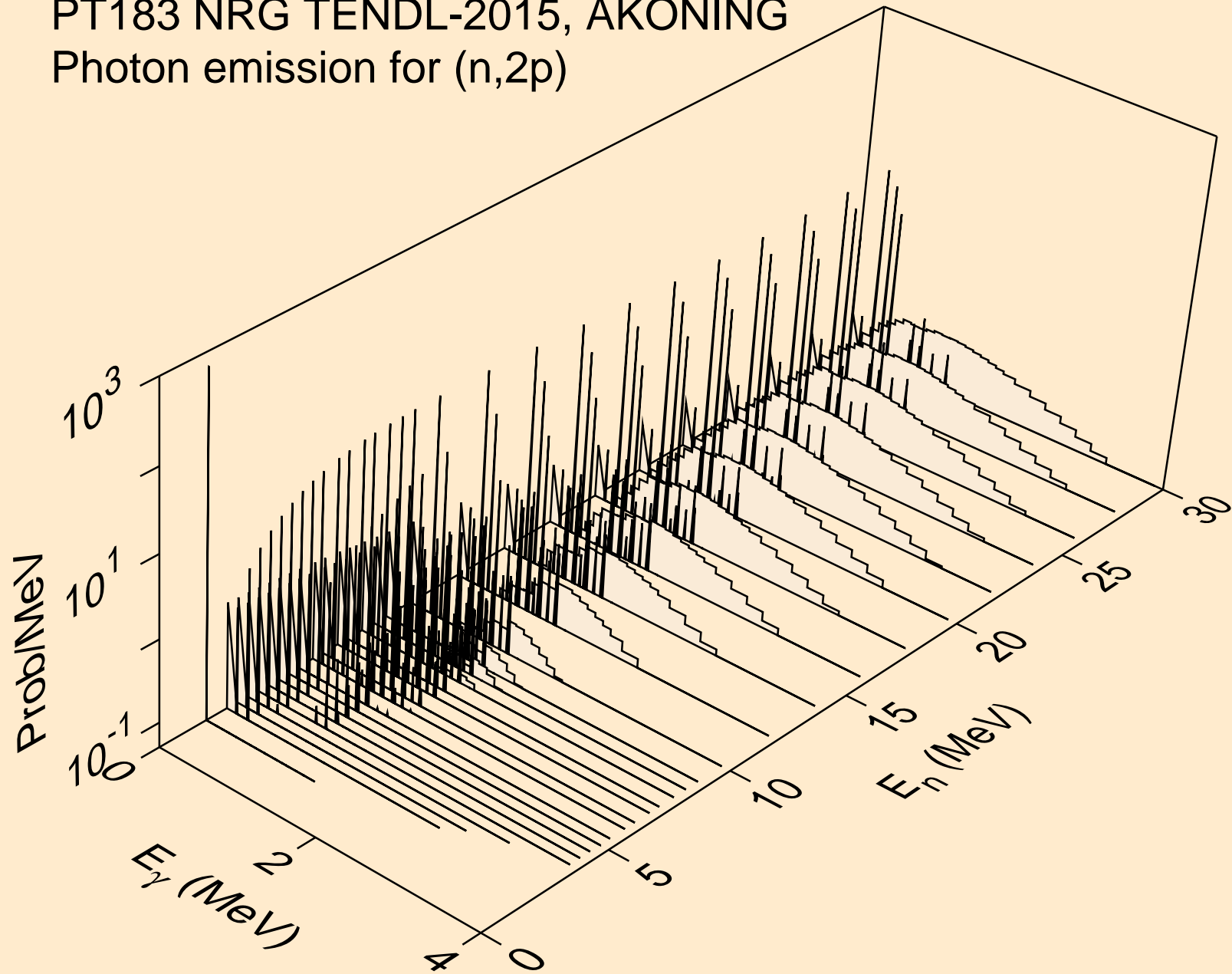
PT183 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



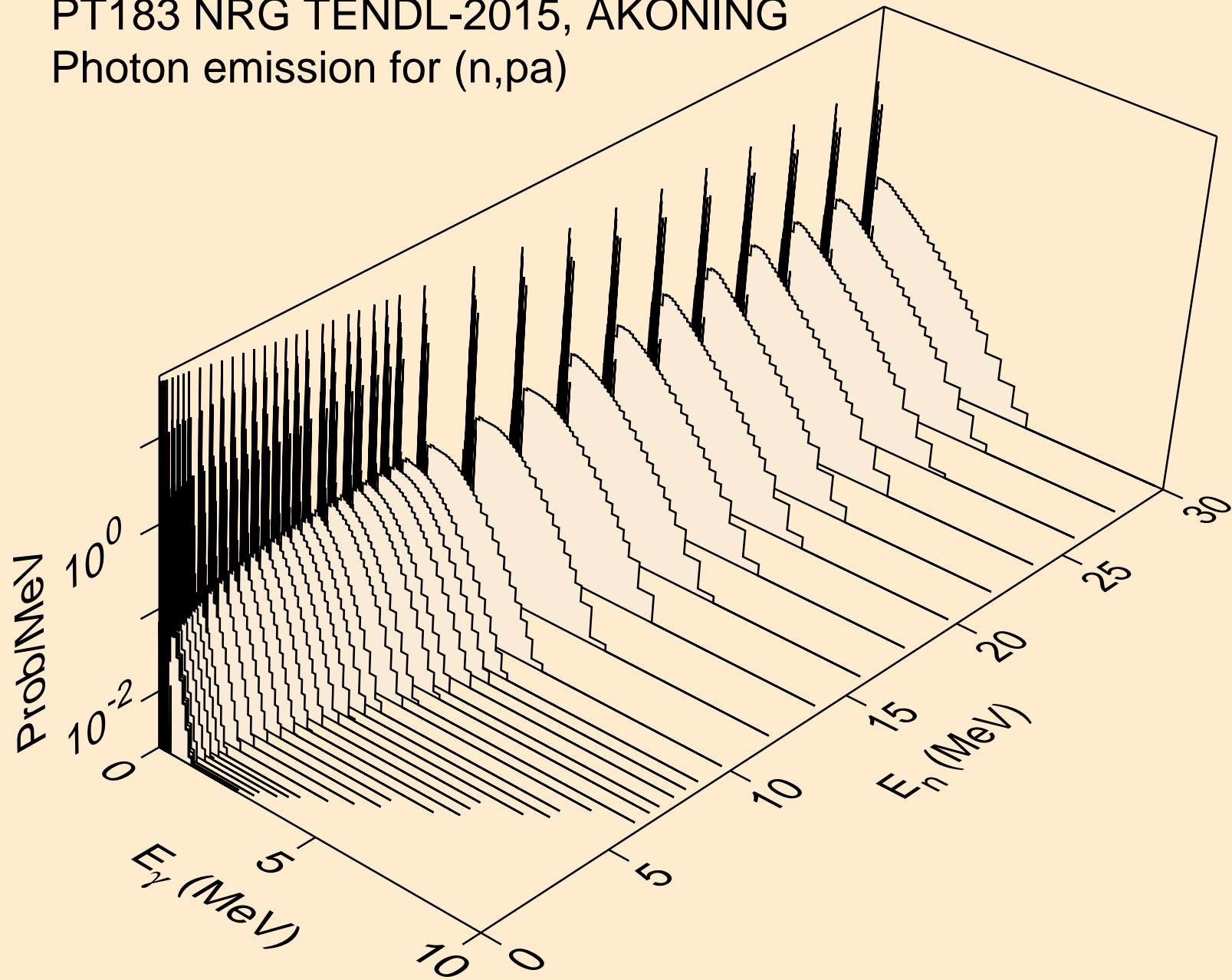
PT183 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



PT183 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

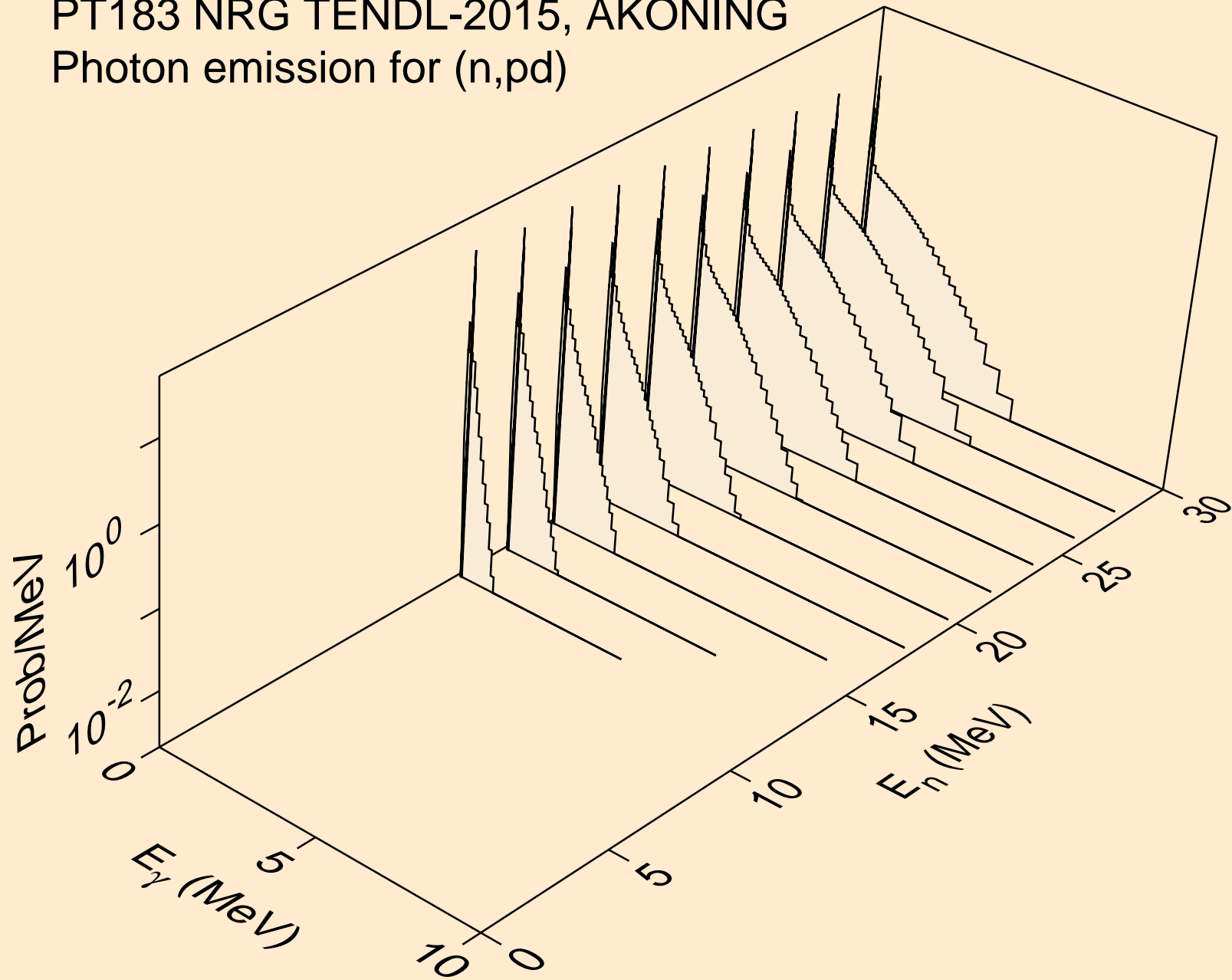


PT183 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

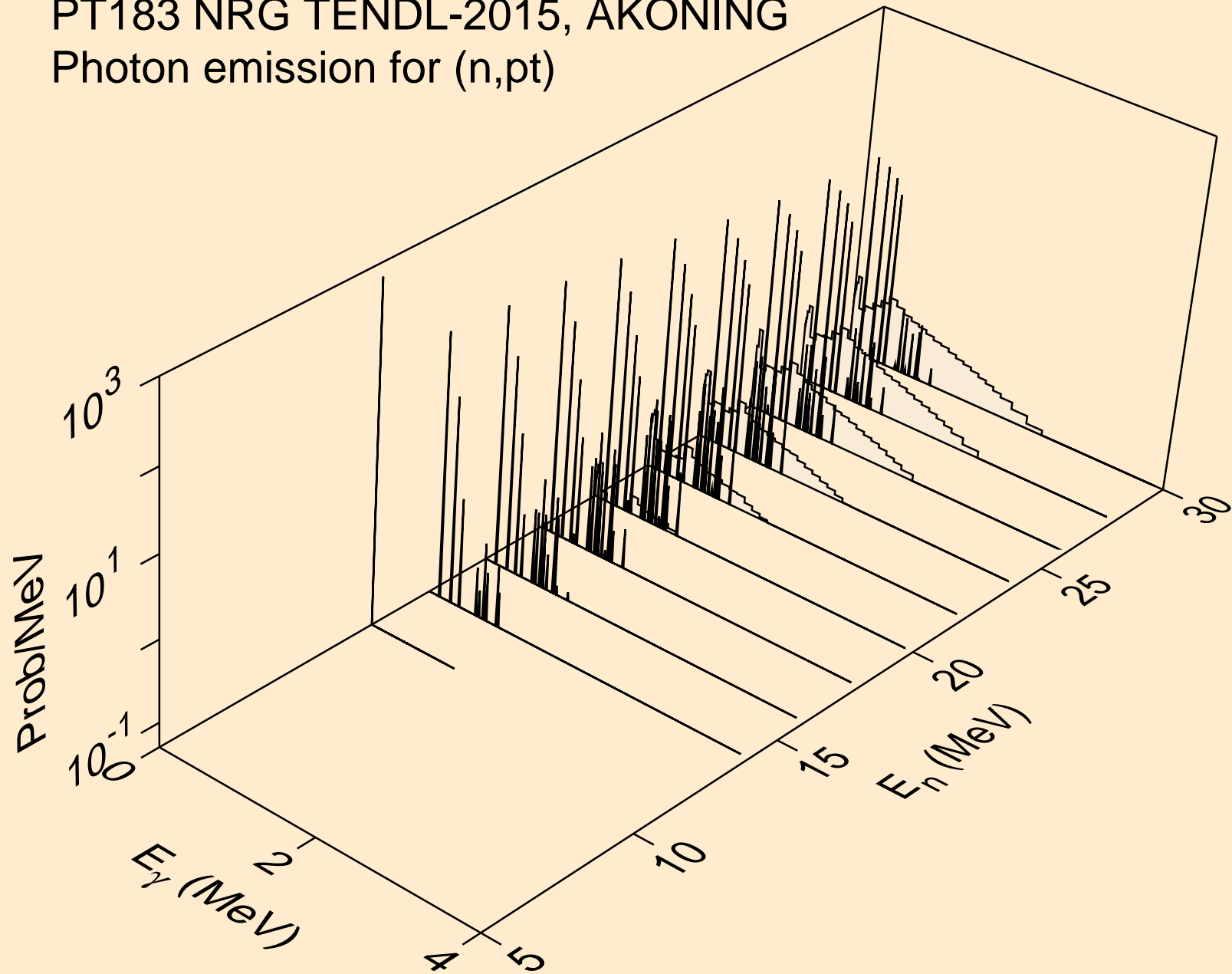




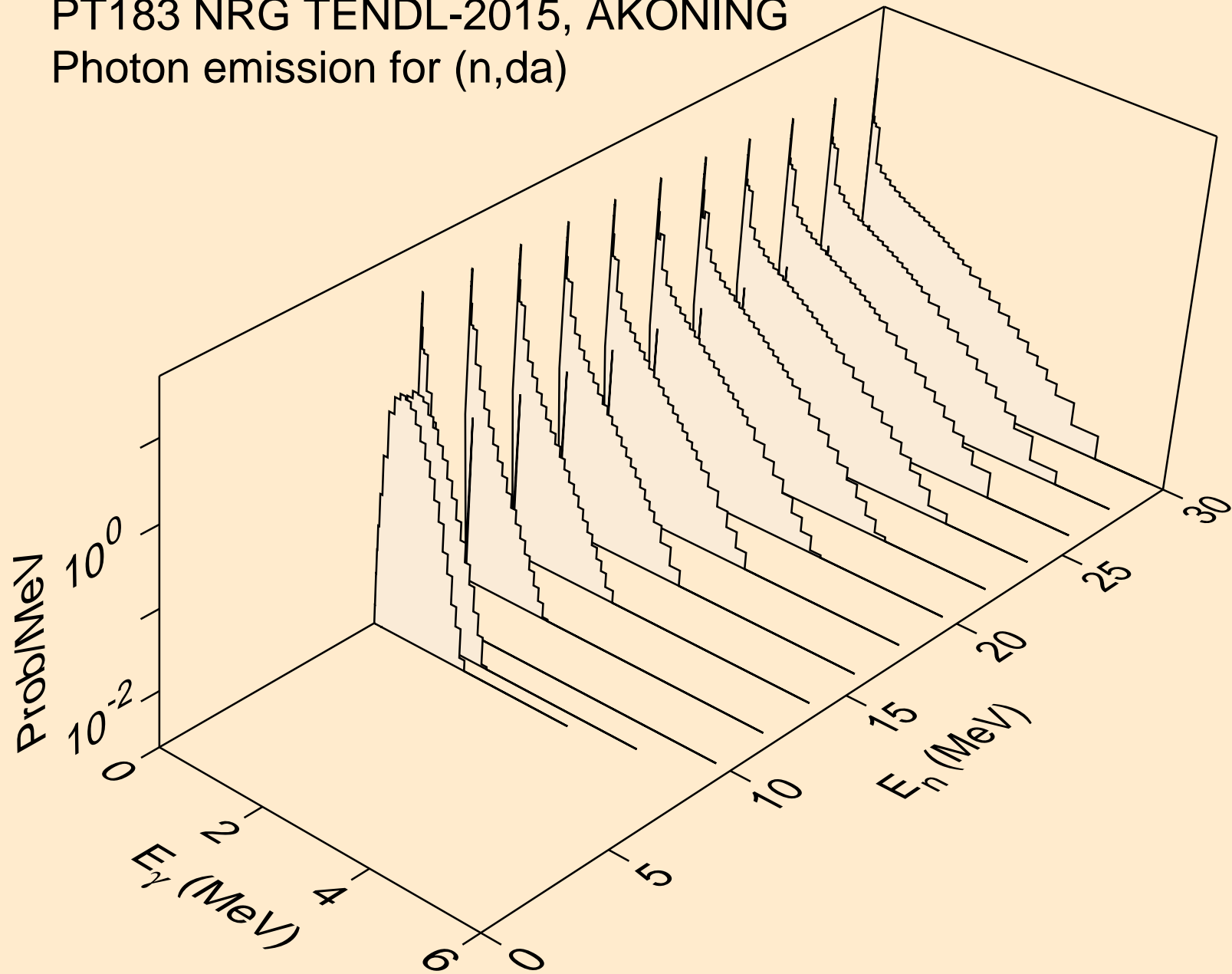
PT183 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



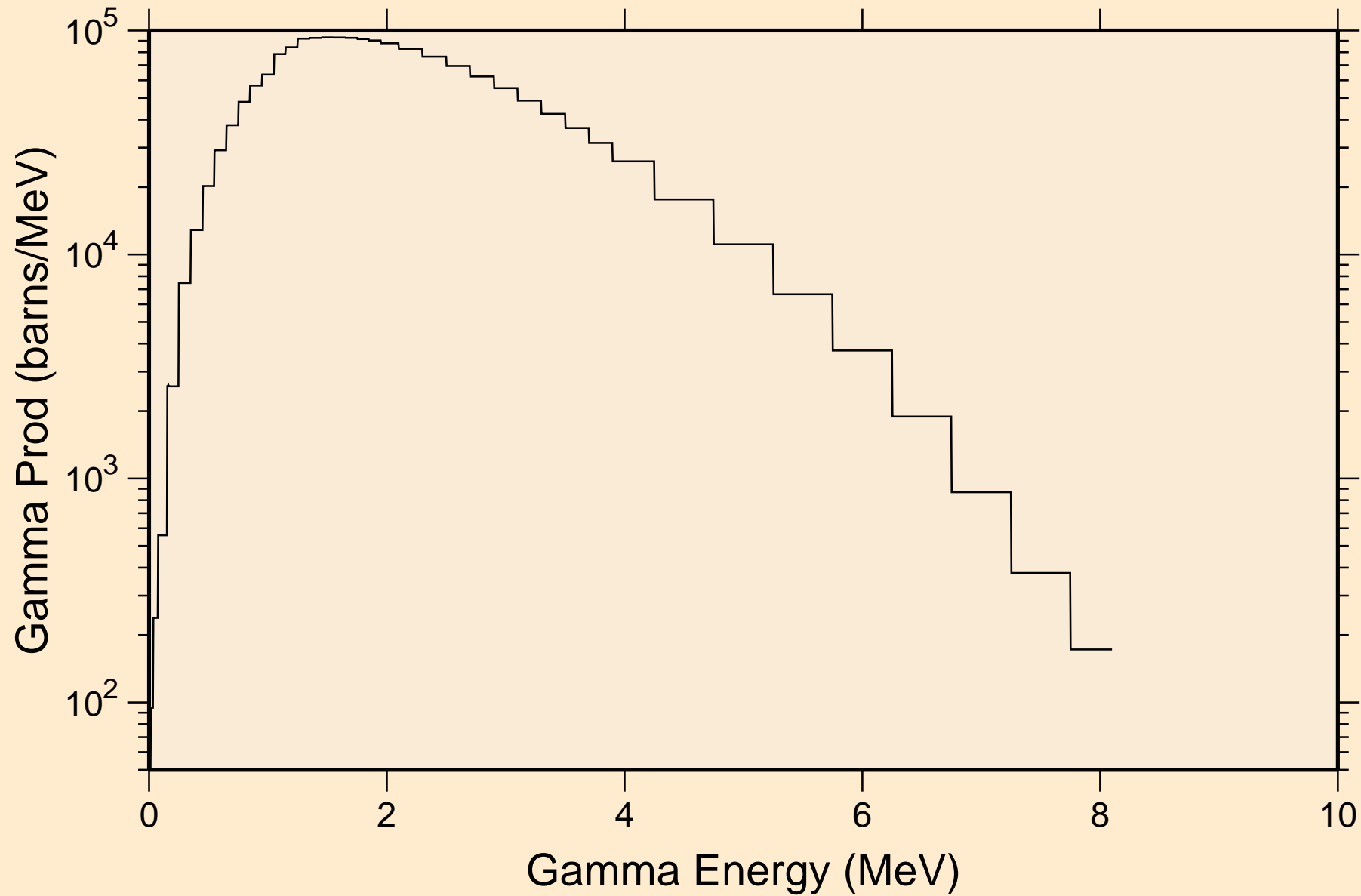
PT183 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



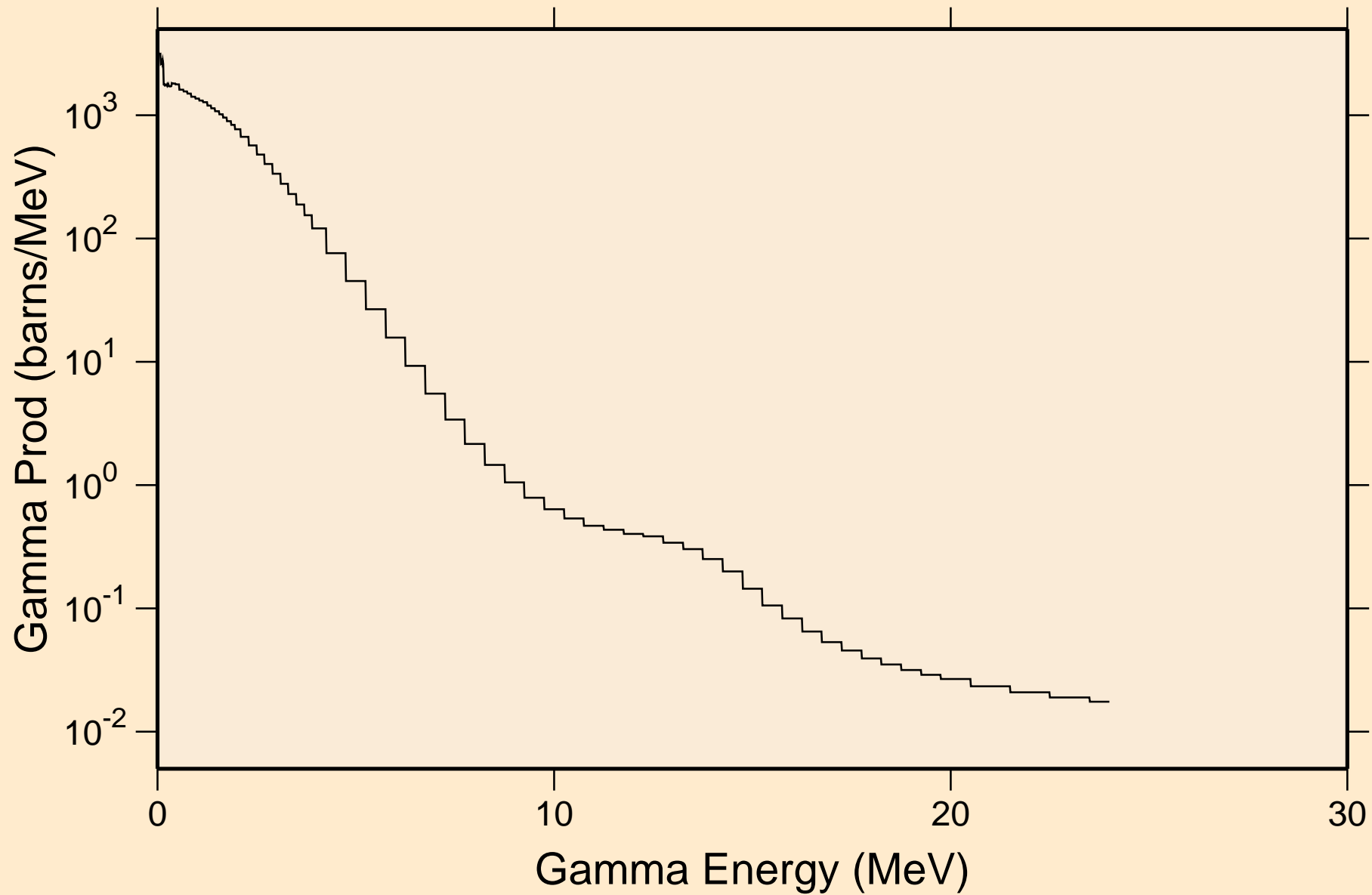
PT183 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



PT183 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

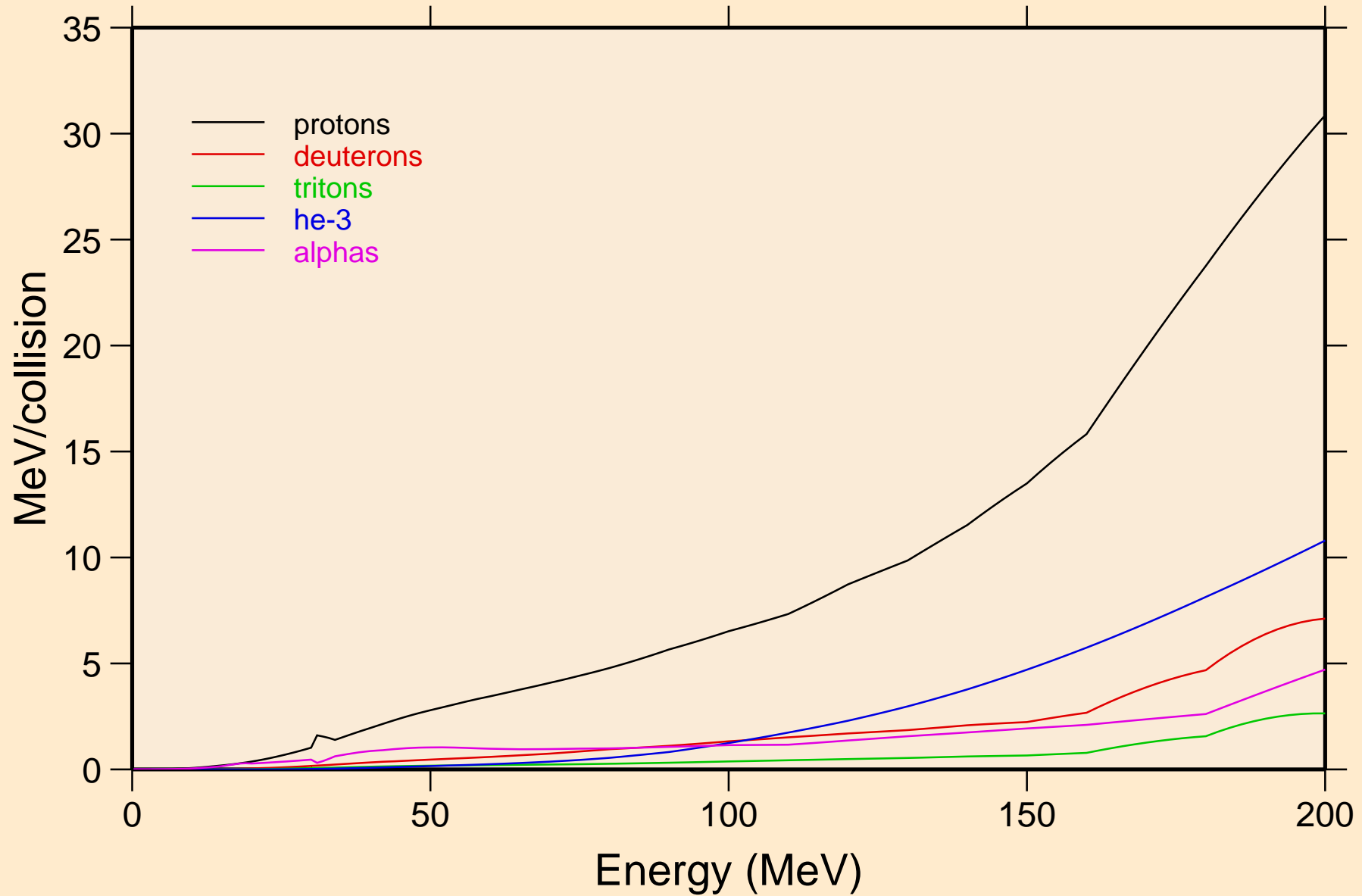


PT183 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



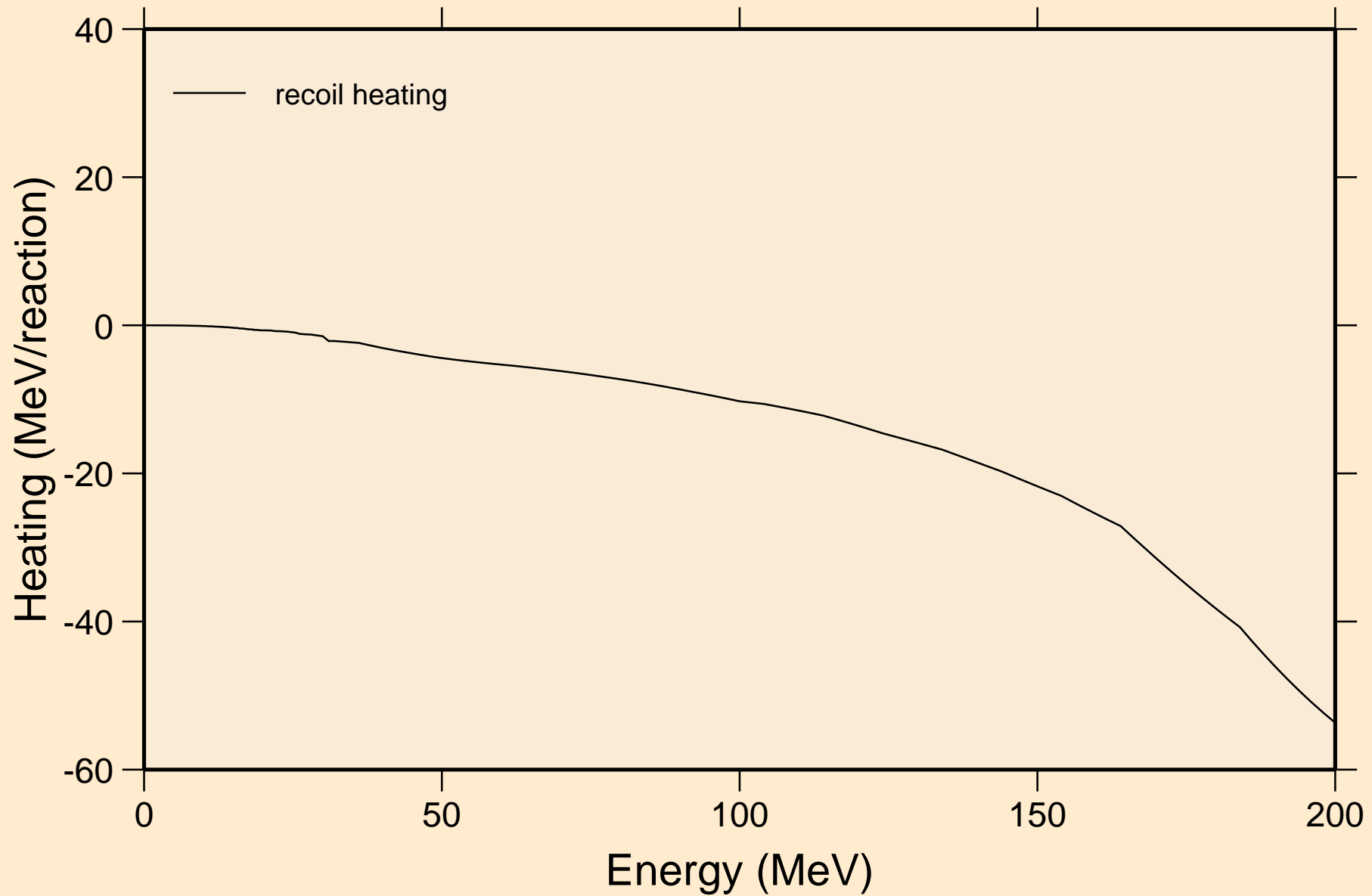
# PT183 NRG TENDL-2015, AKONING

## Particle heating contributions



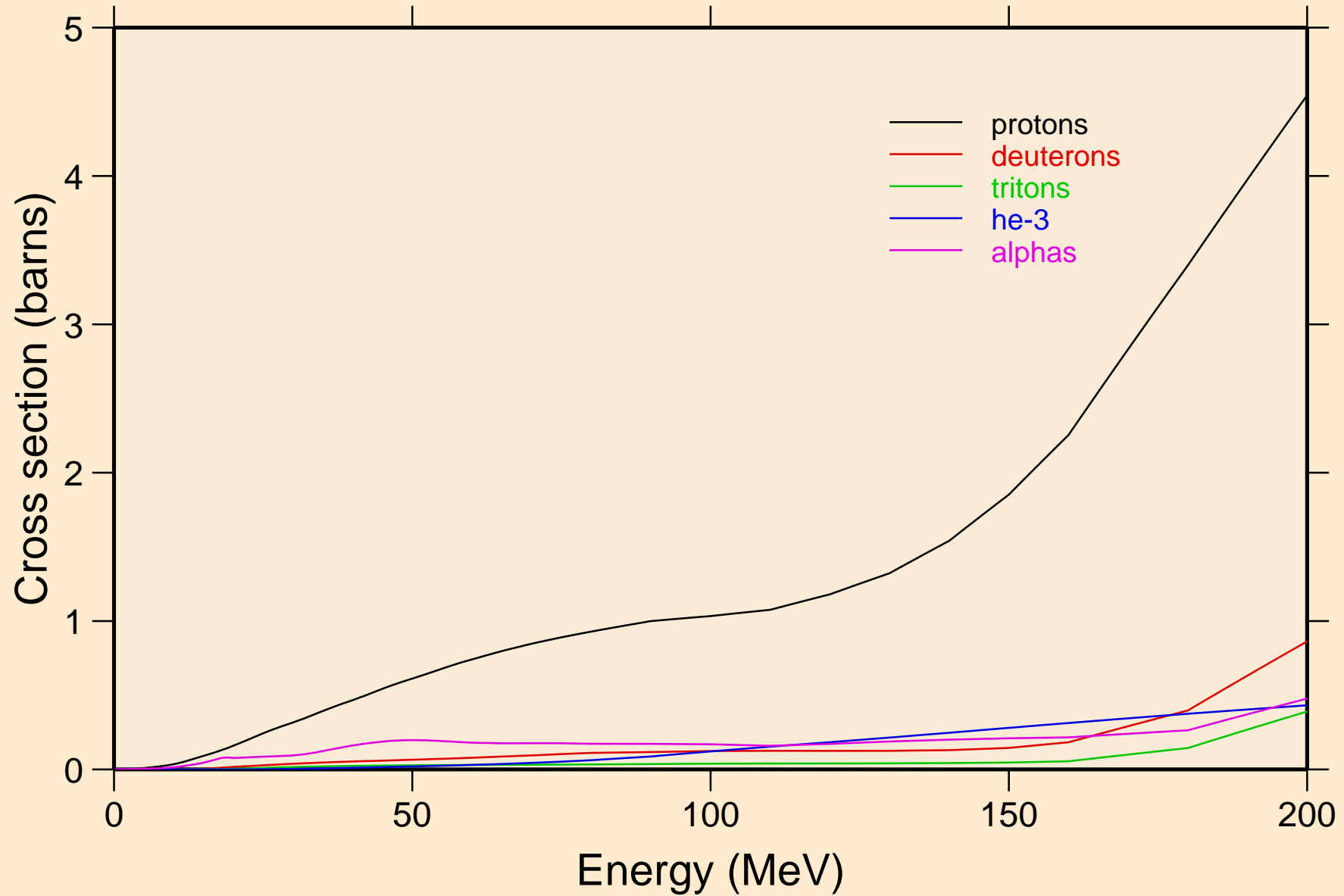
# PT183 NRG TENDL-2015, AKONING

## Recoil Heating



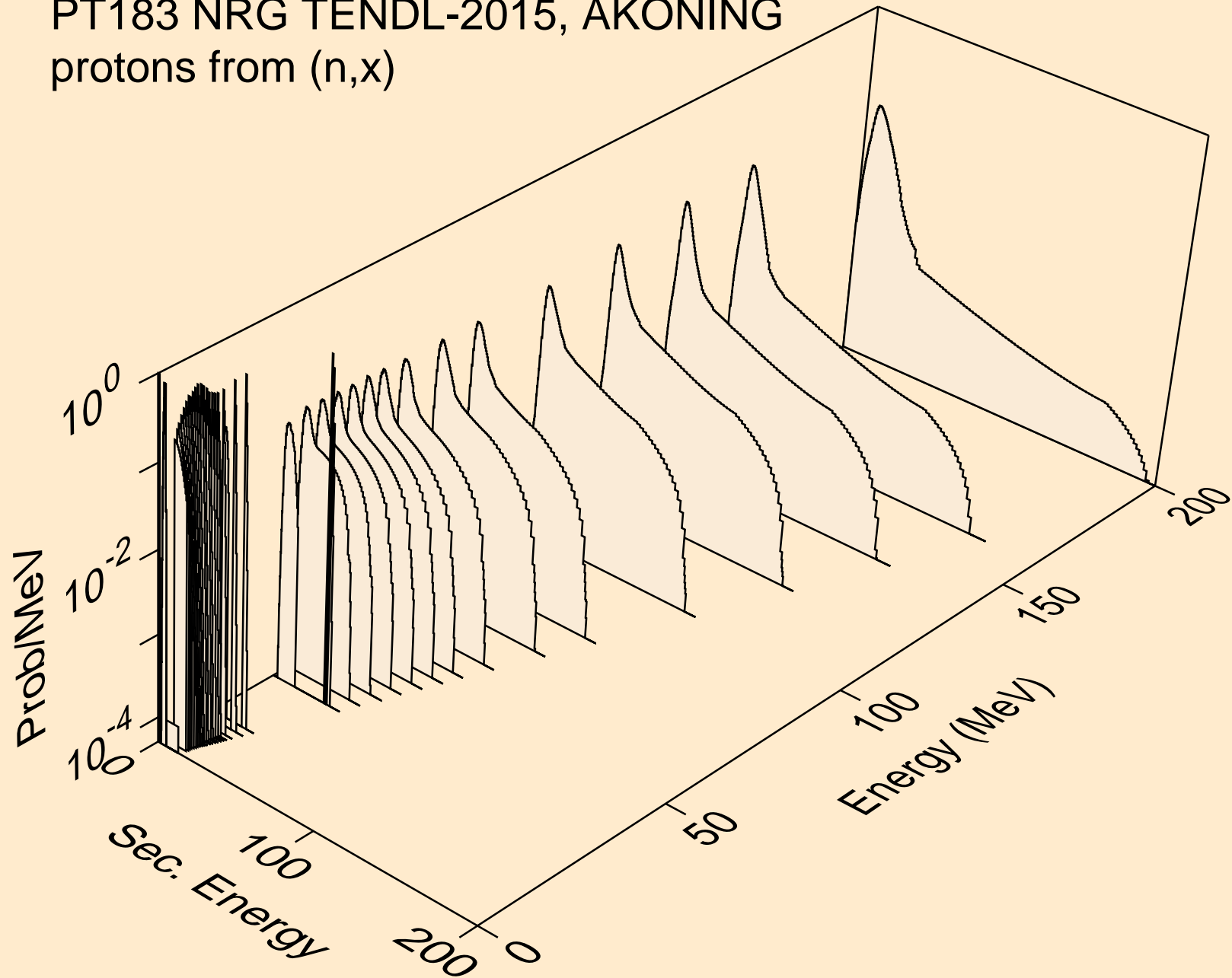
# PT183 NRG TENDL-2015, AKONING

## Particle production cross sections

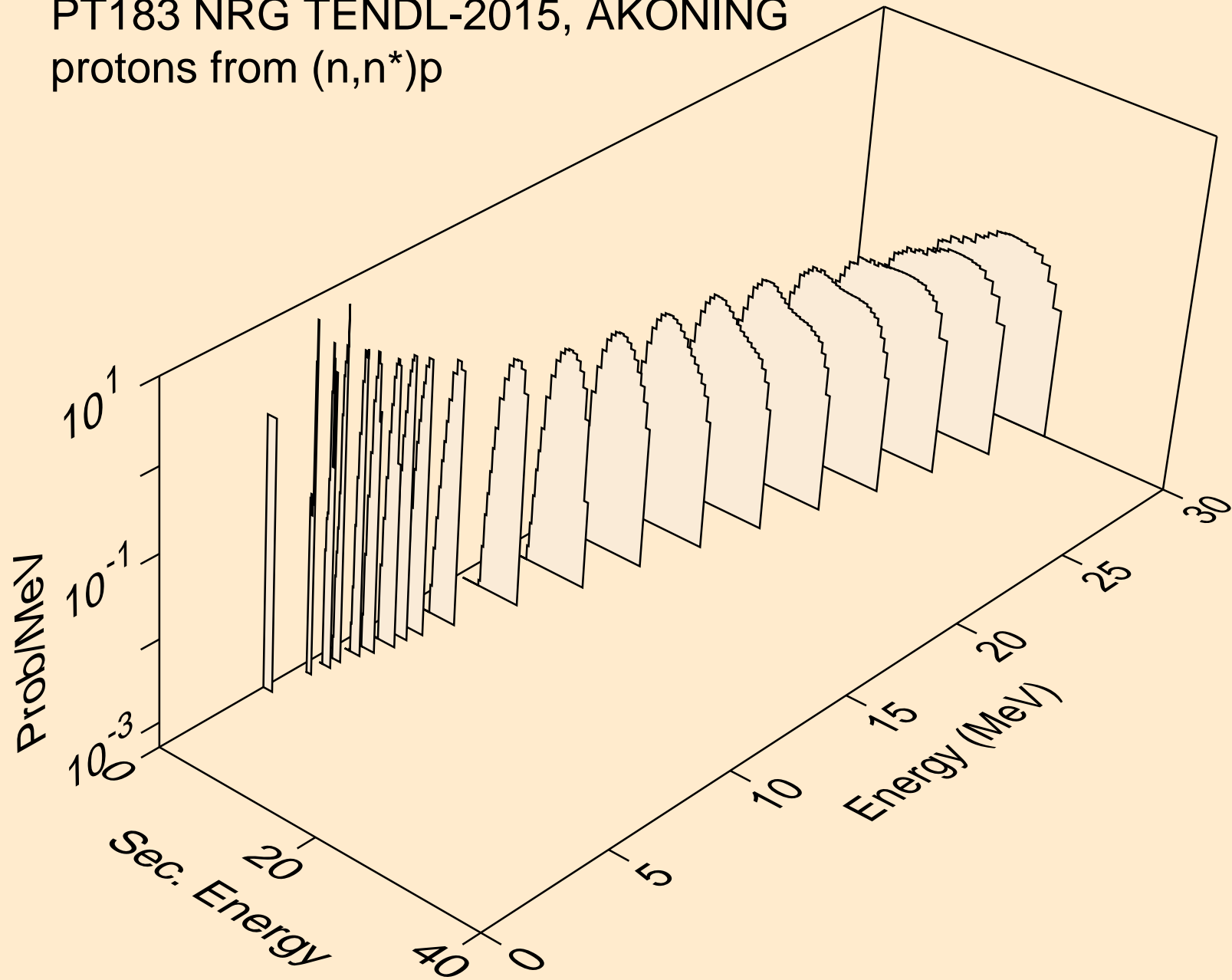




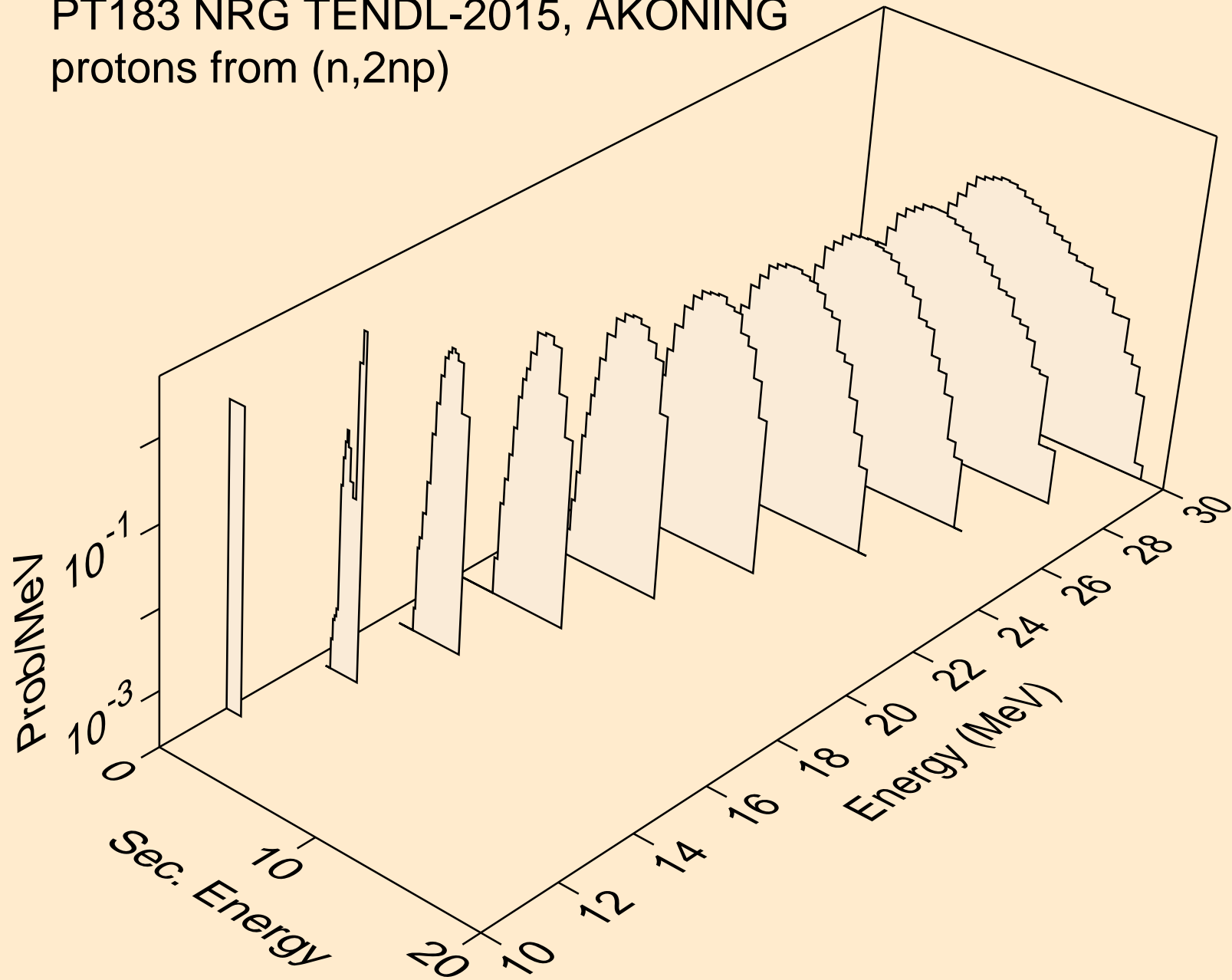
PT183 NRG TENDL-2015, AKONING  
protons from (n,x)



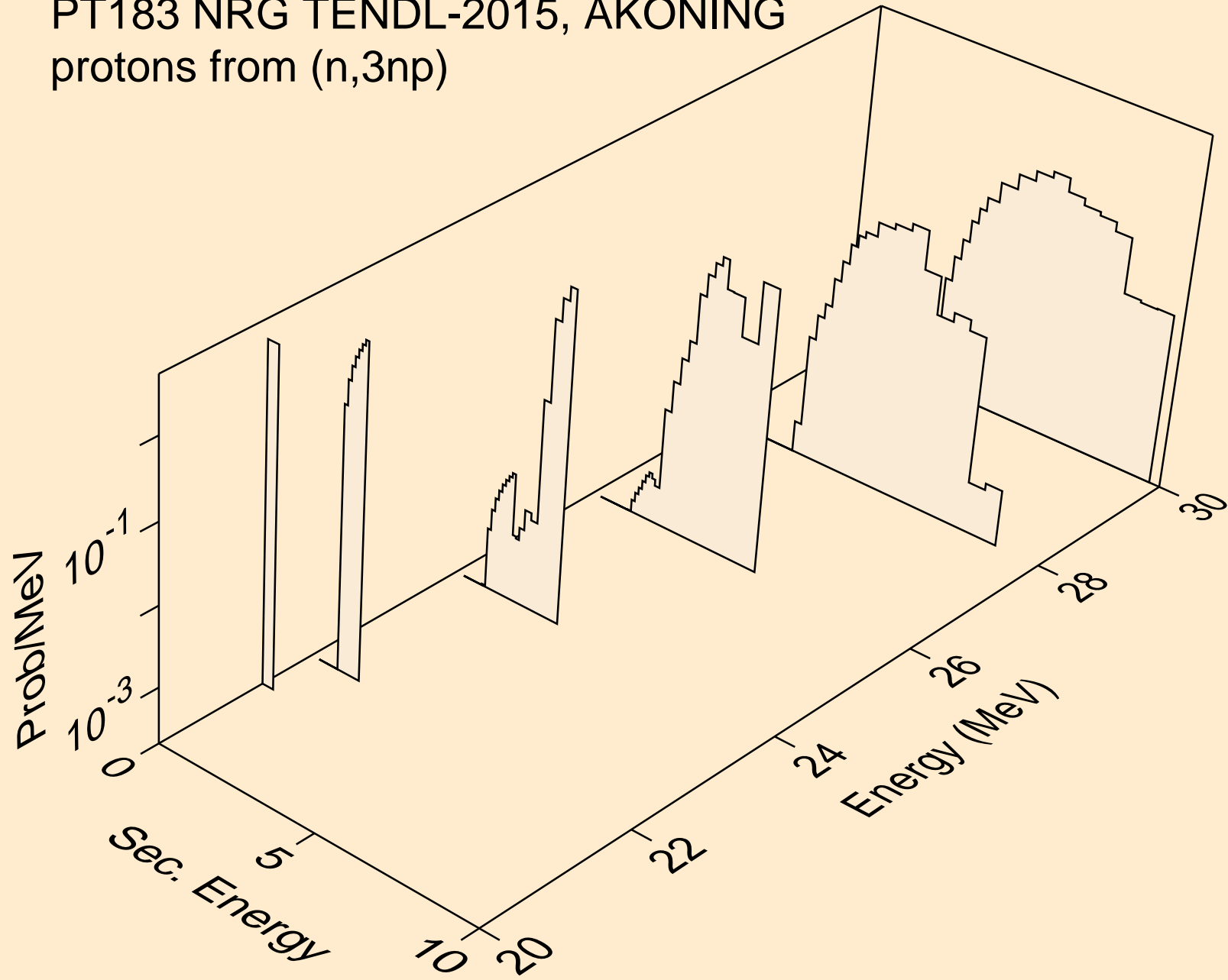
PT183 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



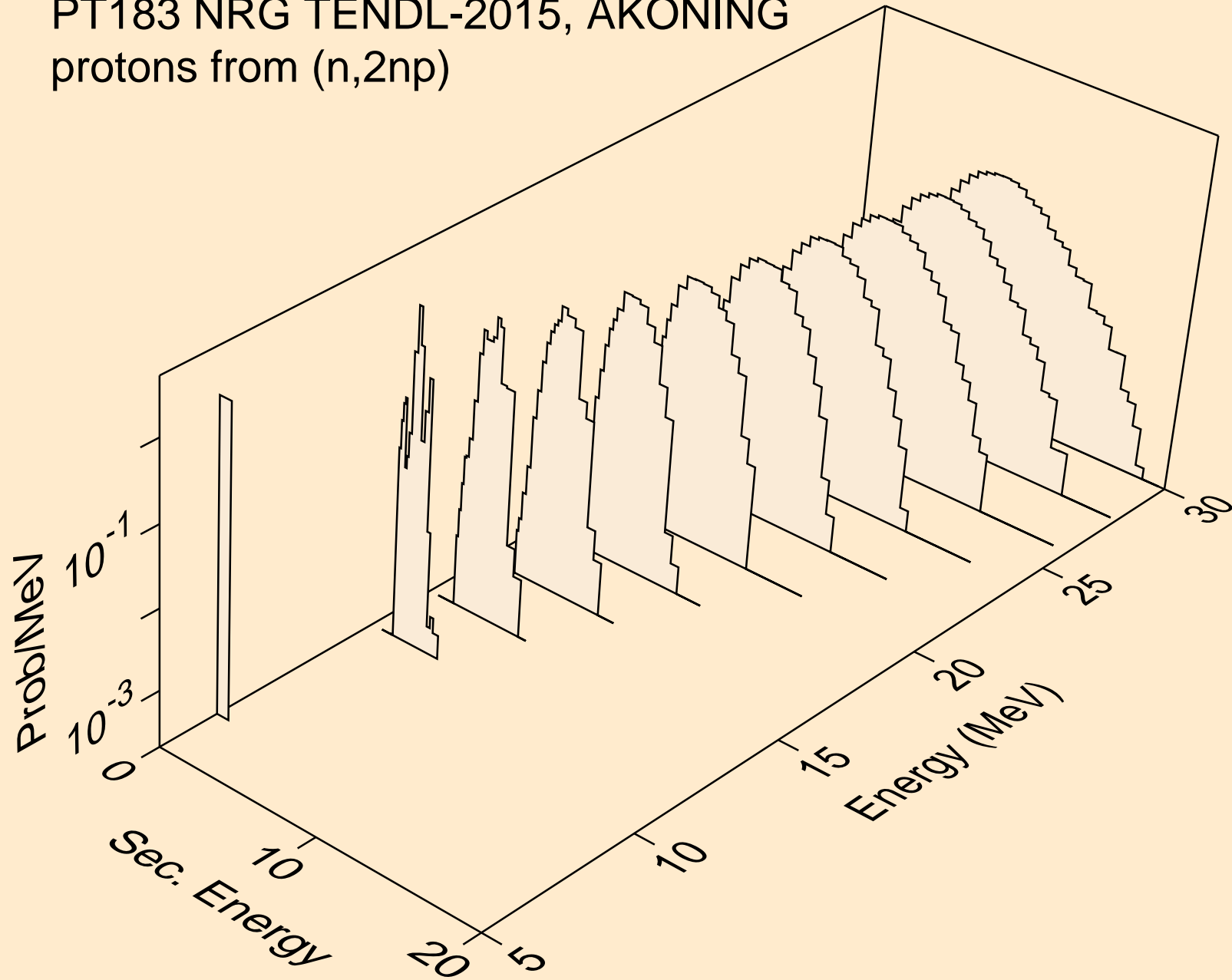
PT183 NRG TENDL-2015, AKONING  
protons from (n,2np)



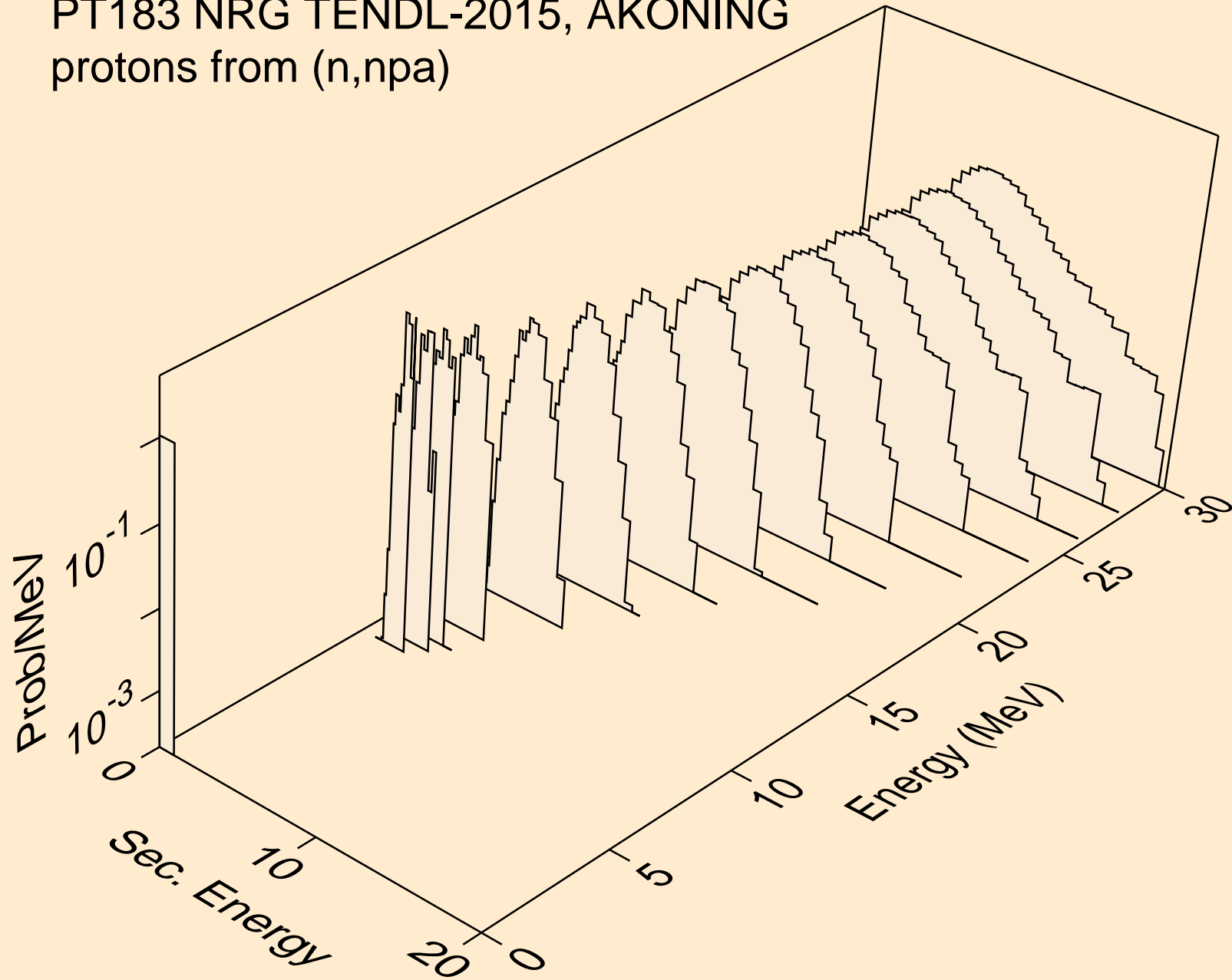
PT183 NRG TENDL-2015, AKONING  
protons from (n,3np)



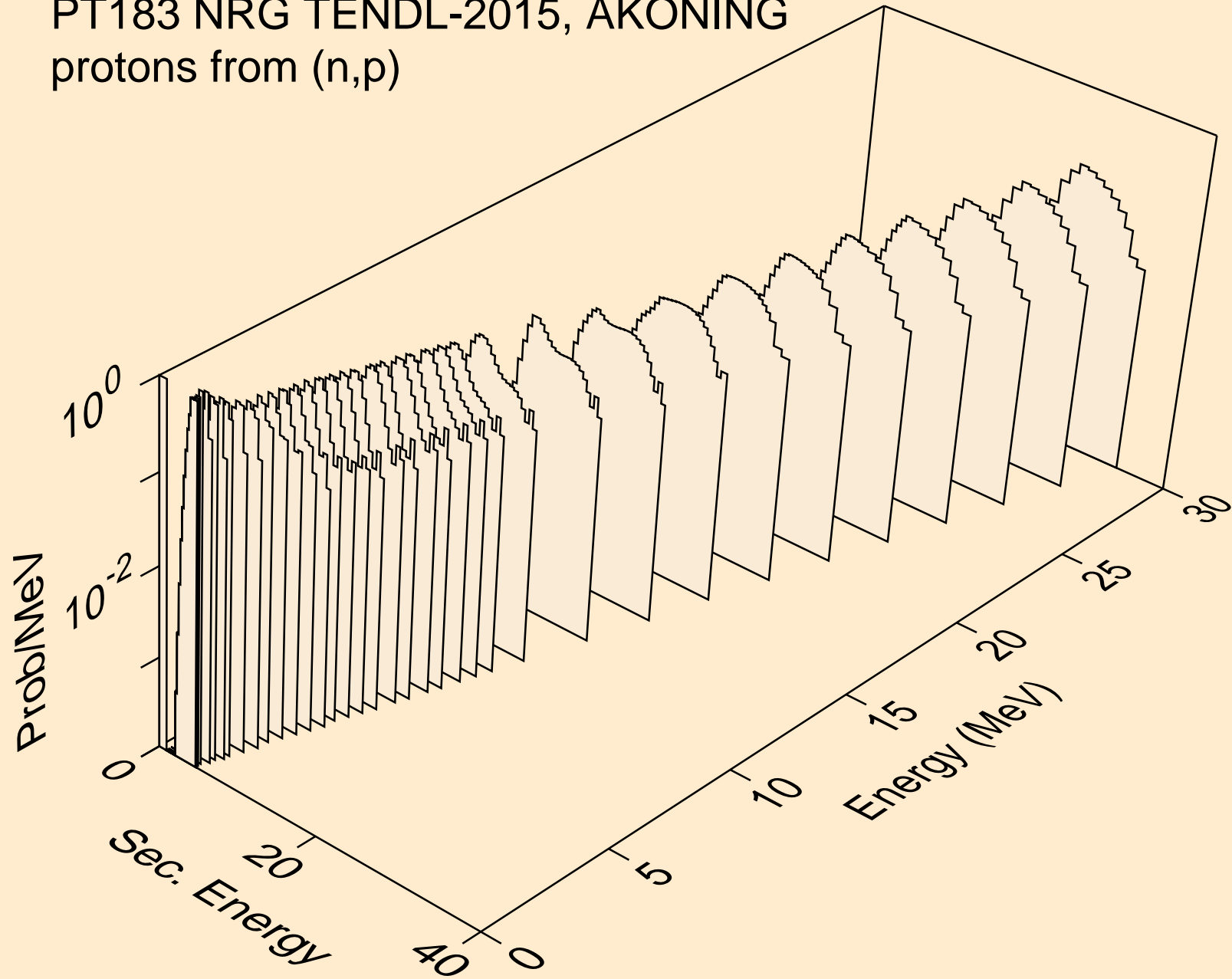
PT183 NRG TENDL-2015, AKONING  
protons from (n,2np)



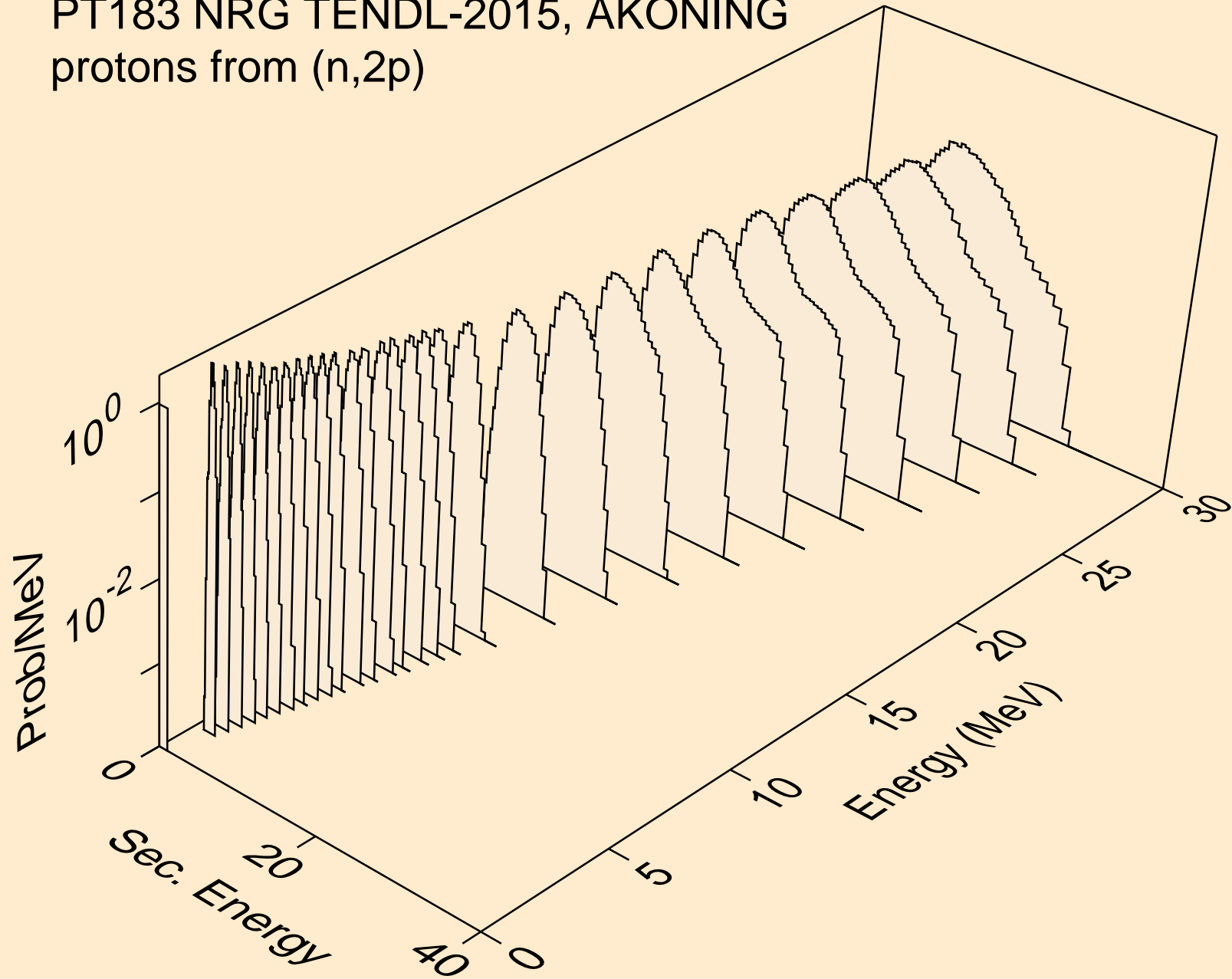
PT183 NRG TENDL-2015, AKONING  
protons from (n,npa)



PT183 NRG TENDL-2015, AKONING  
protons from (n,p)

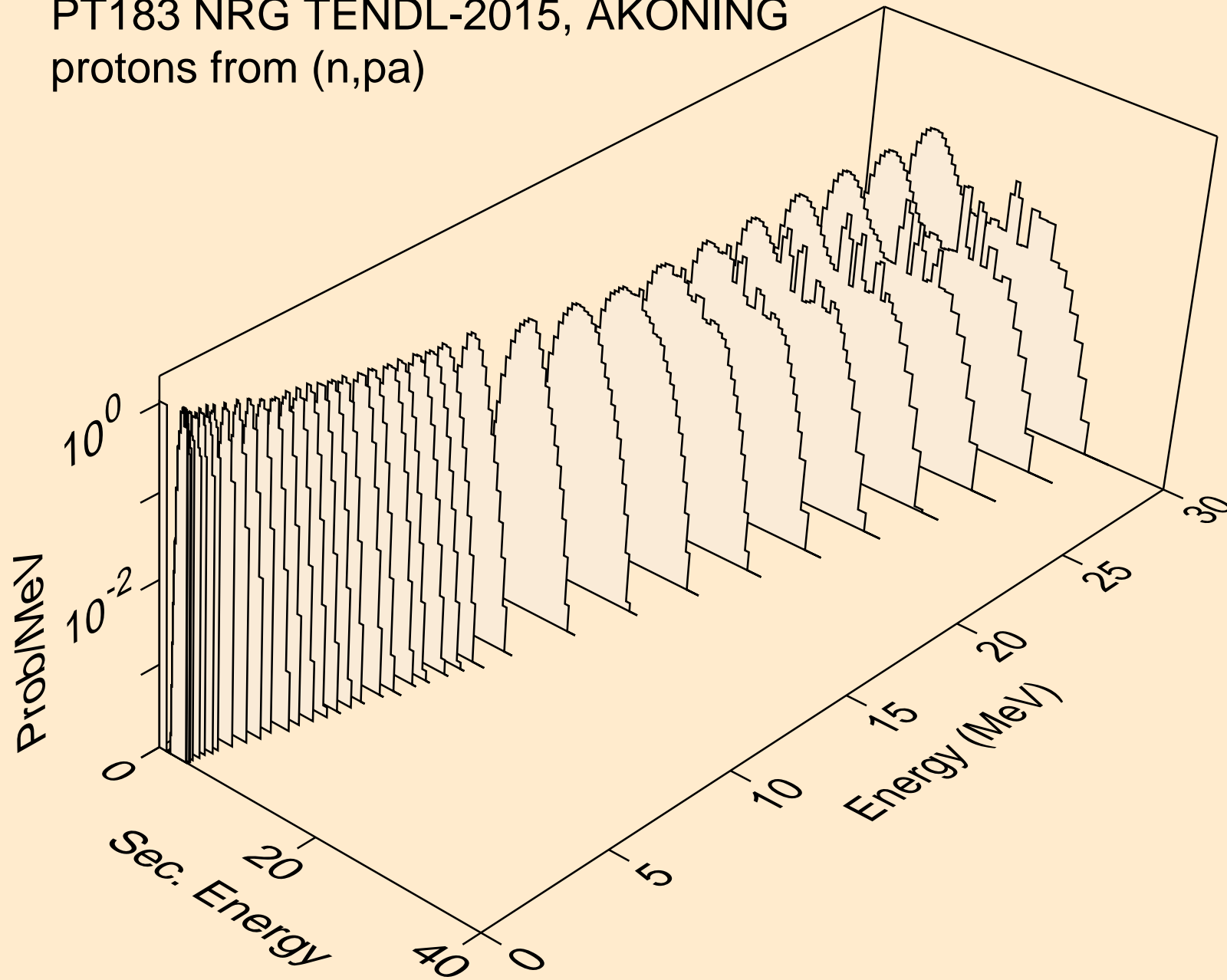


PT183 NRG TENDL-2015, AKONING  
protons from (n,2p)

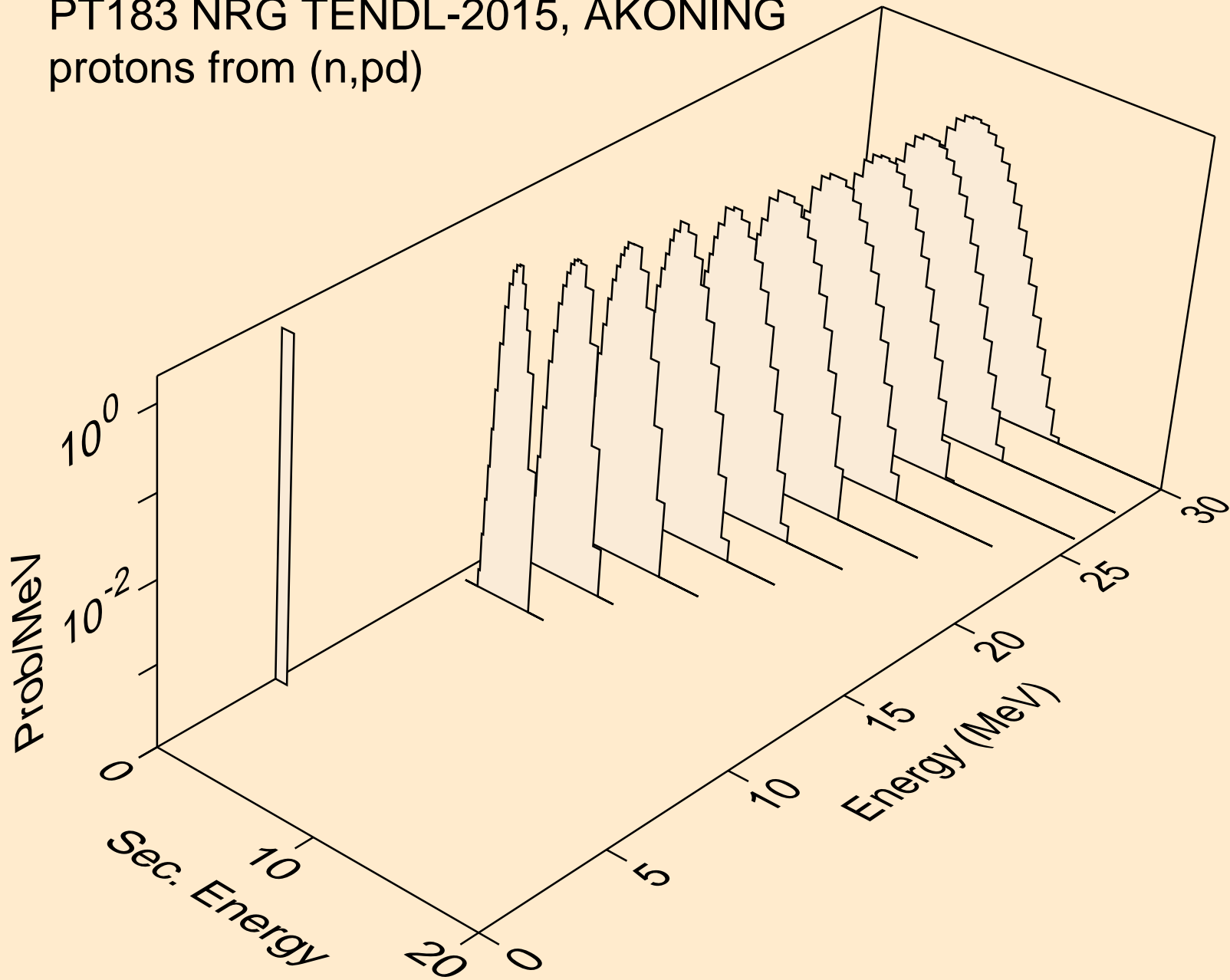




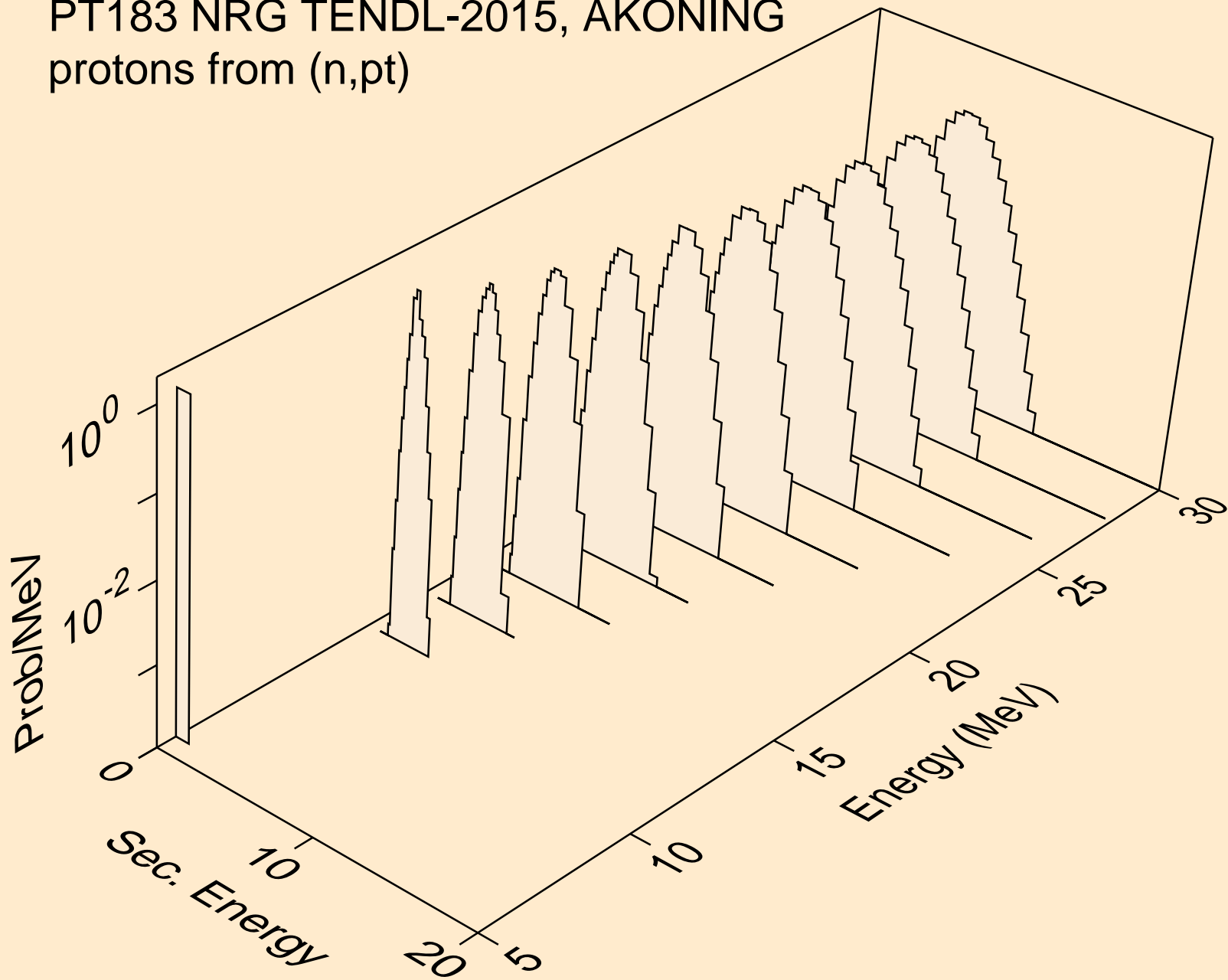
PT183 NRG TENDL-2015, AKONING  
protons from (n,pa)



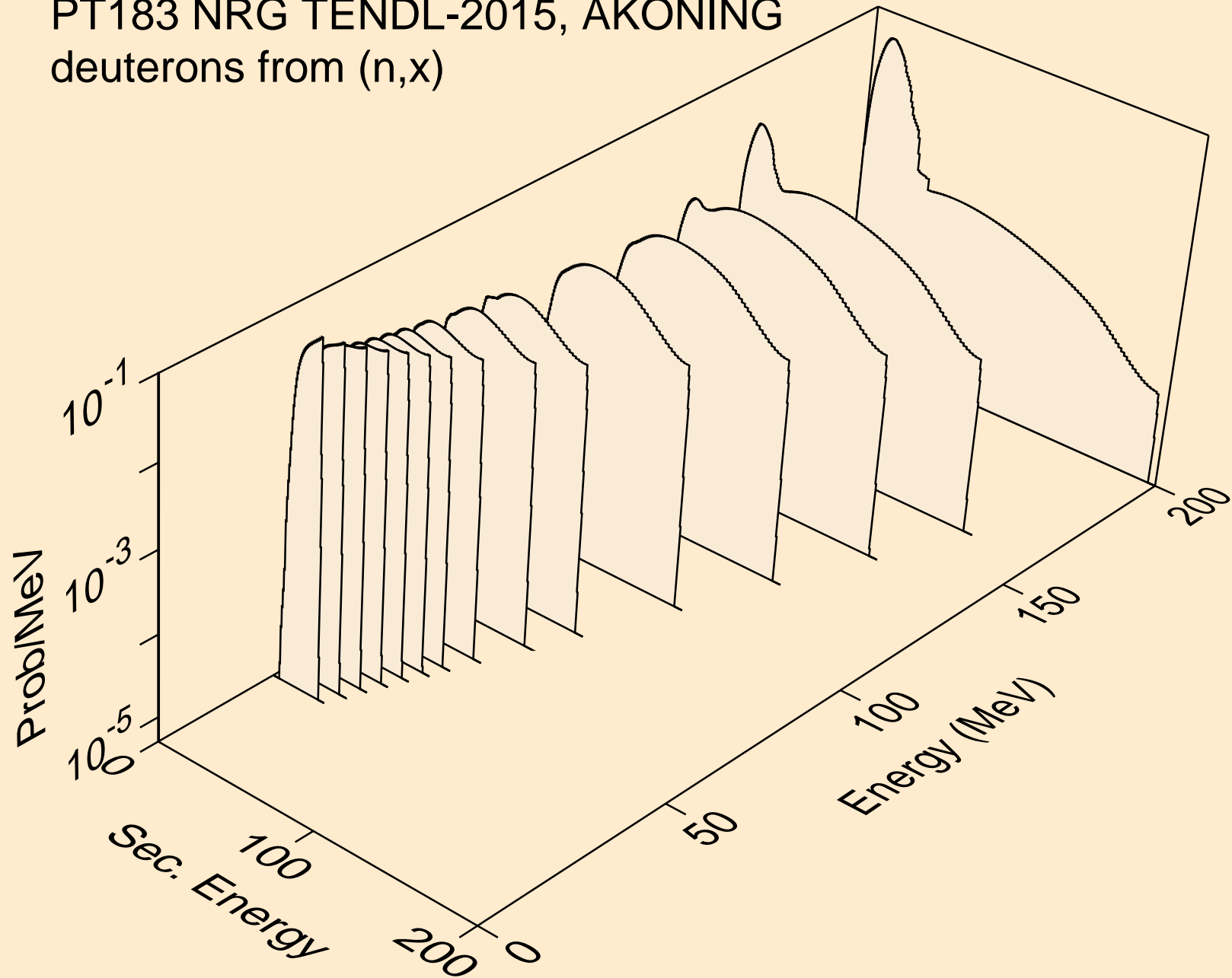
PT183 NRG TENDL-2015, AKONING  
protons from (n,pd)



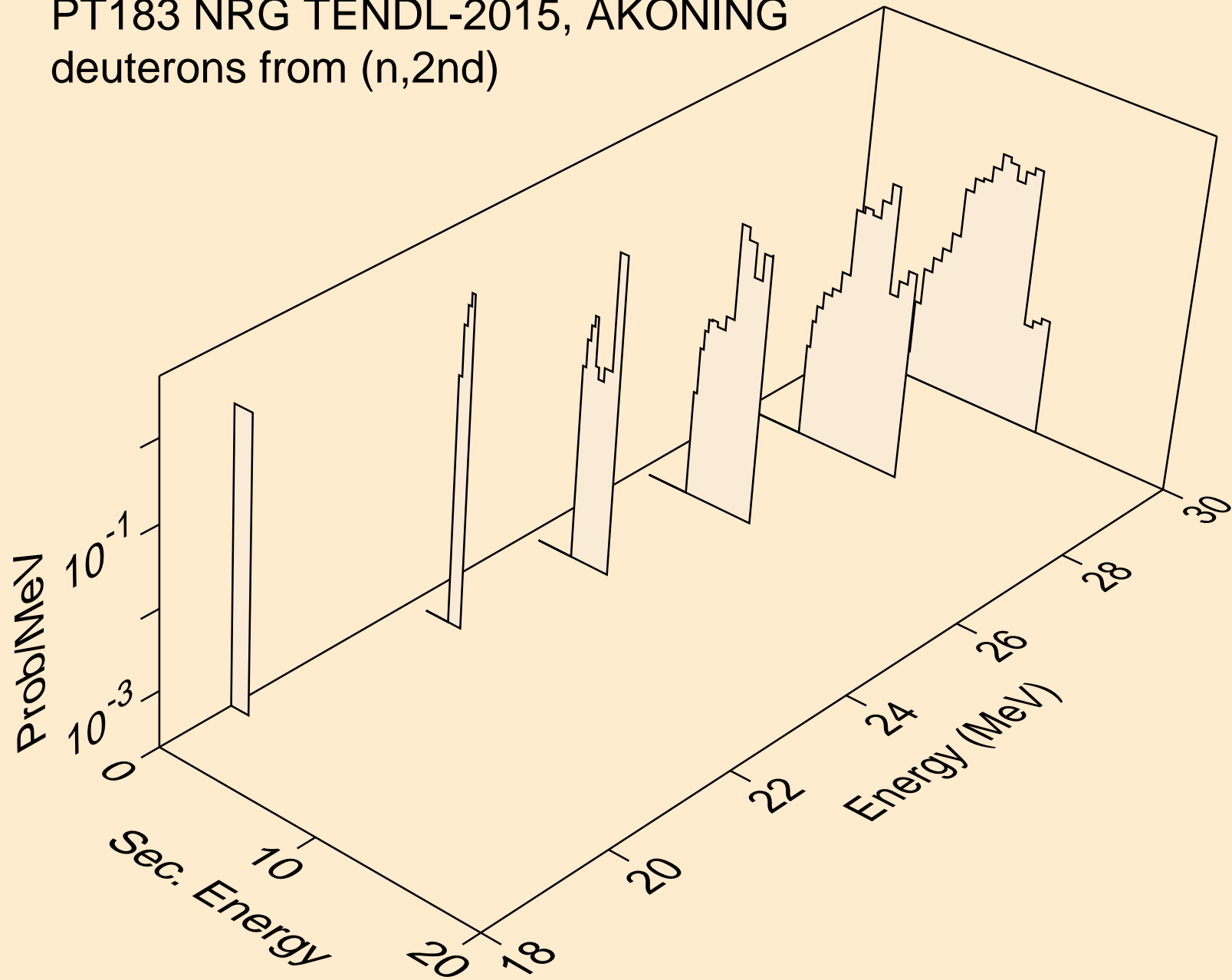
PT183 NRG TENDL-2015, AKONING  
protons from (n,pt)



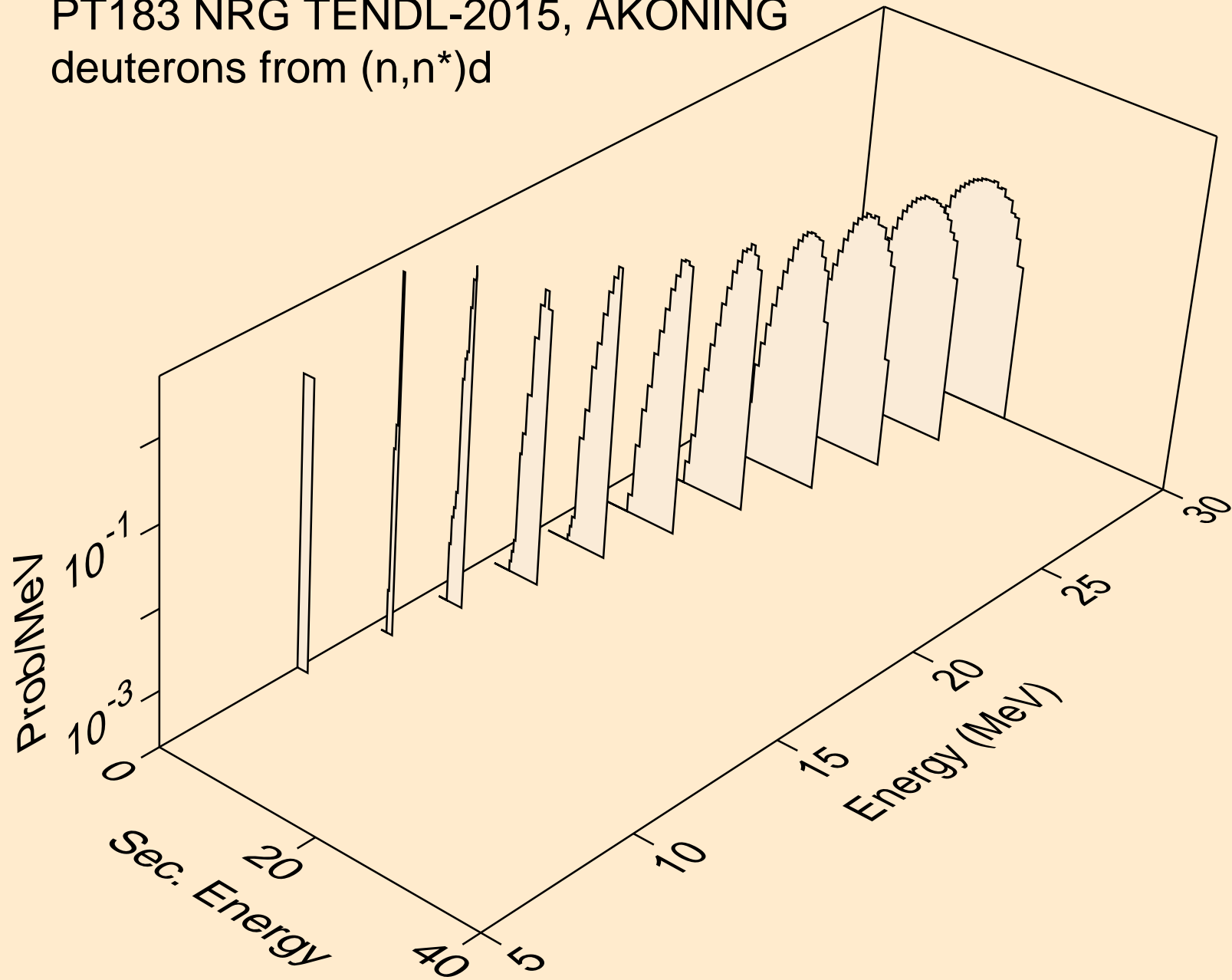
PT183 NRG TENDL-2015, AKONING  
deuterons from (n,x)



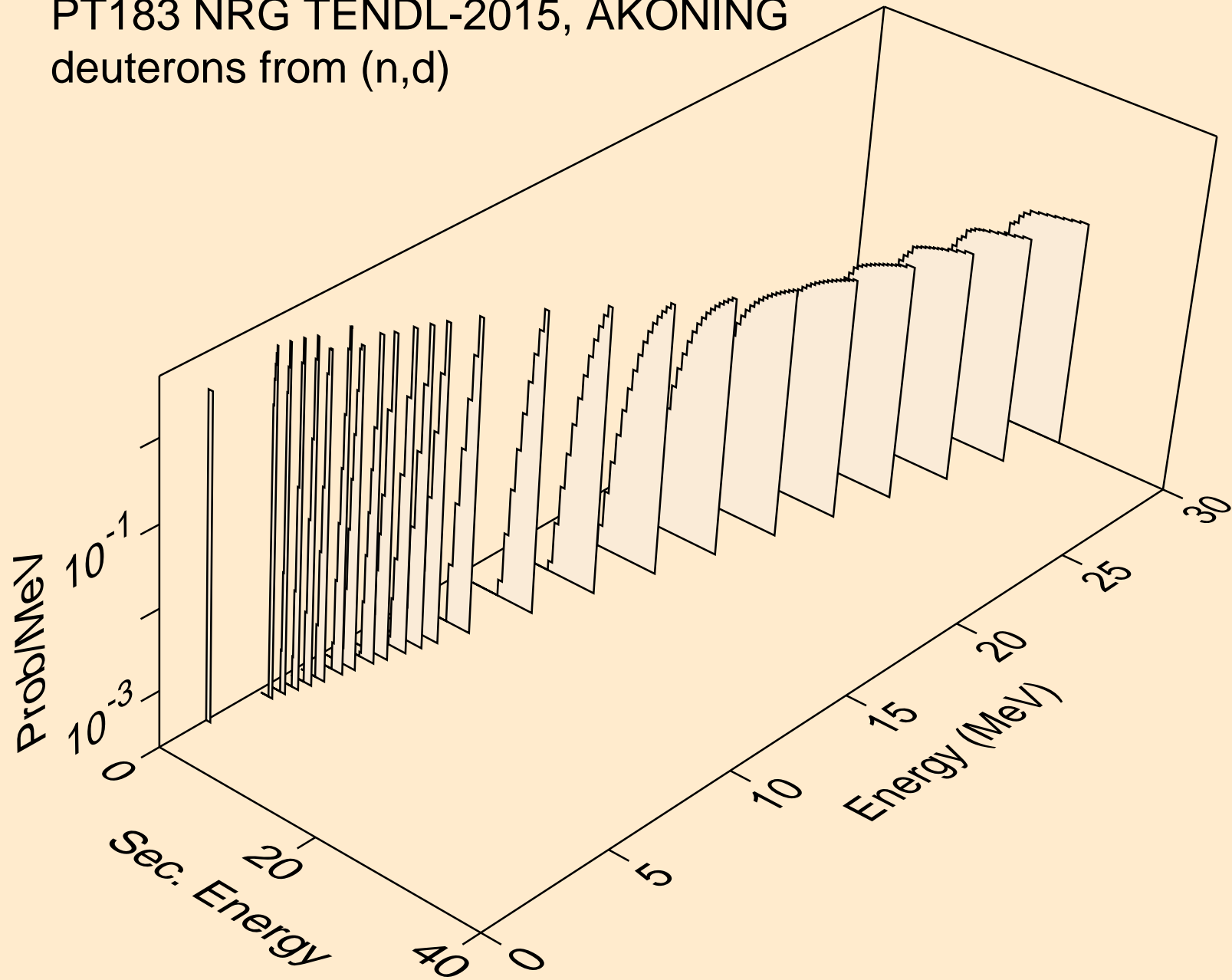
PT183 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



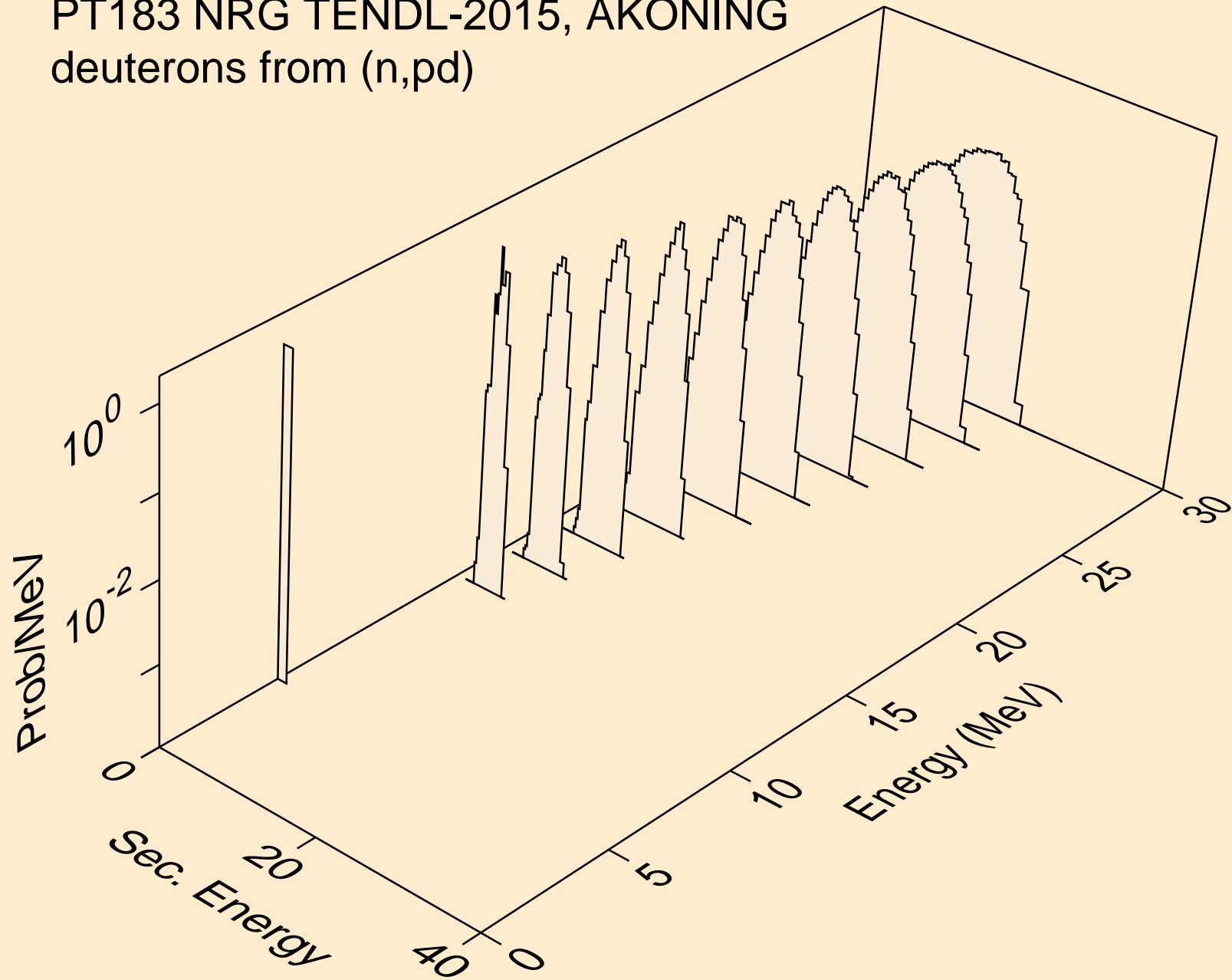
PT183 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



PT183 NRG TENDL-2015, AKONING  
deuterons from (n,d)

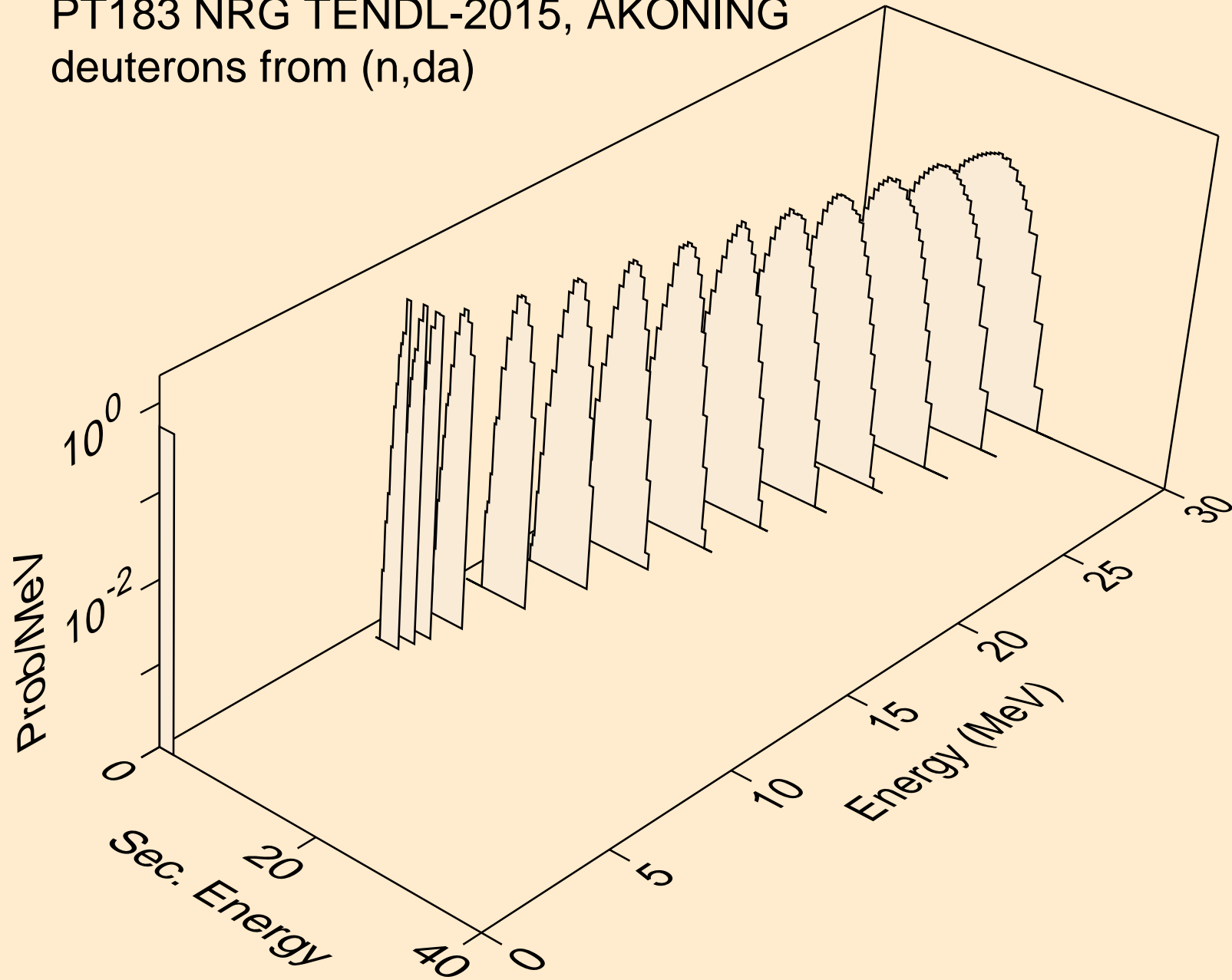


PT183 NRG TENDL-2015, AKONING  
deuterons from (n,pd)

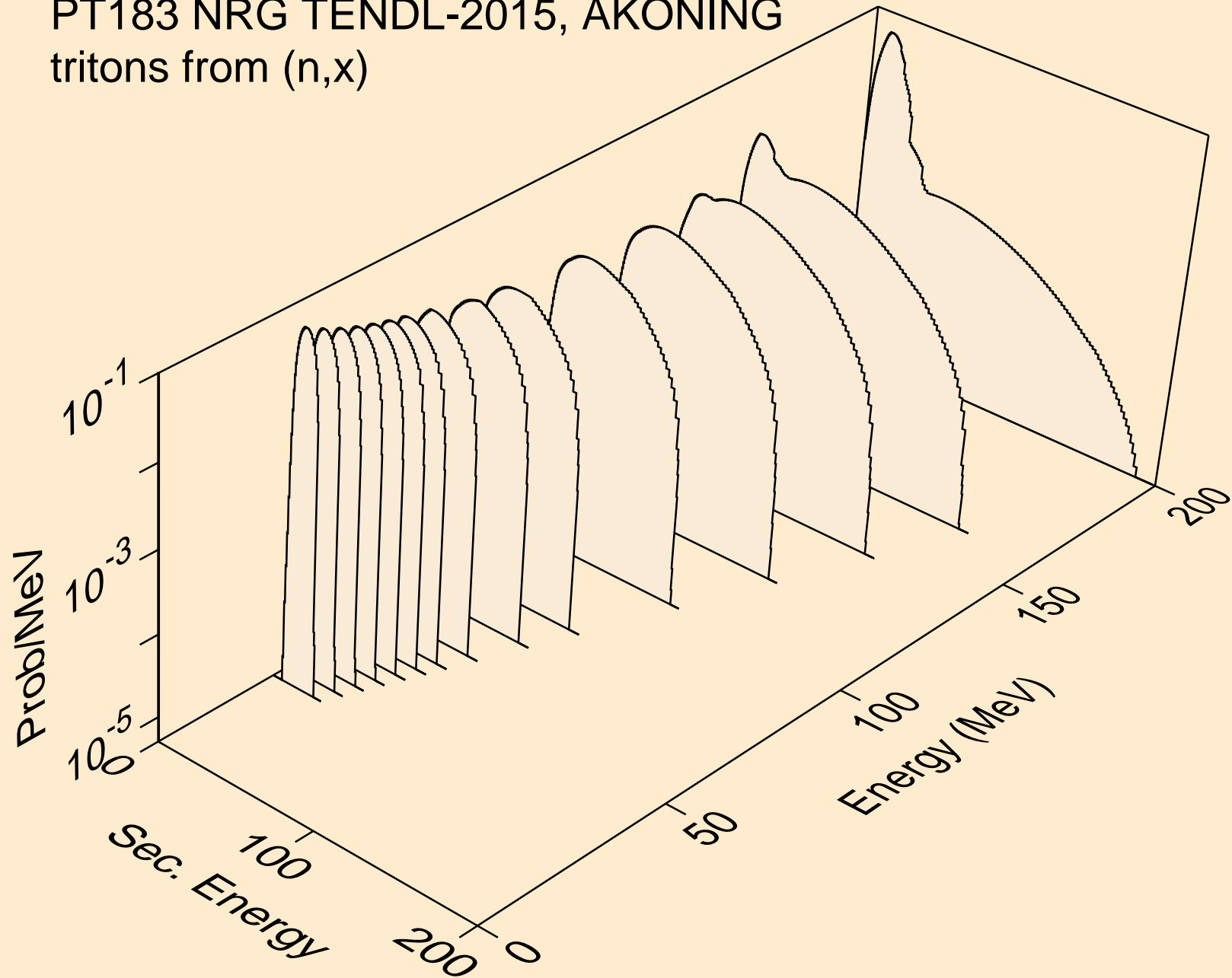




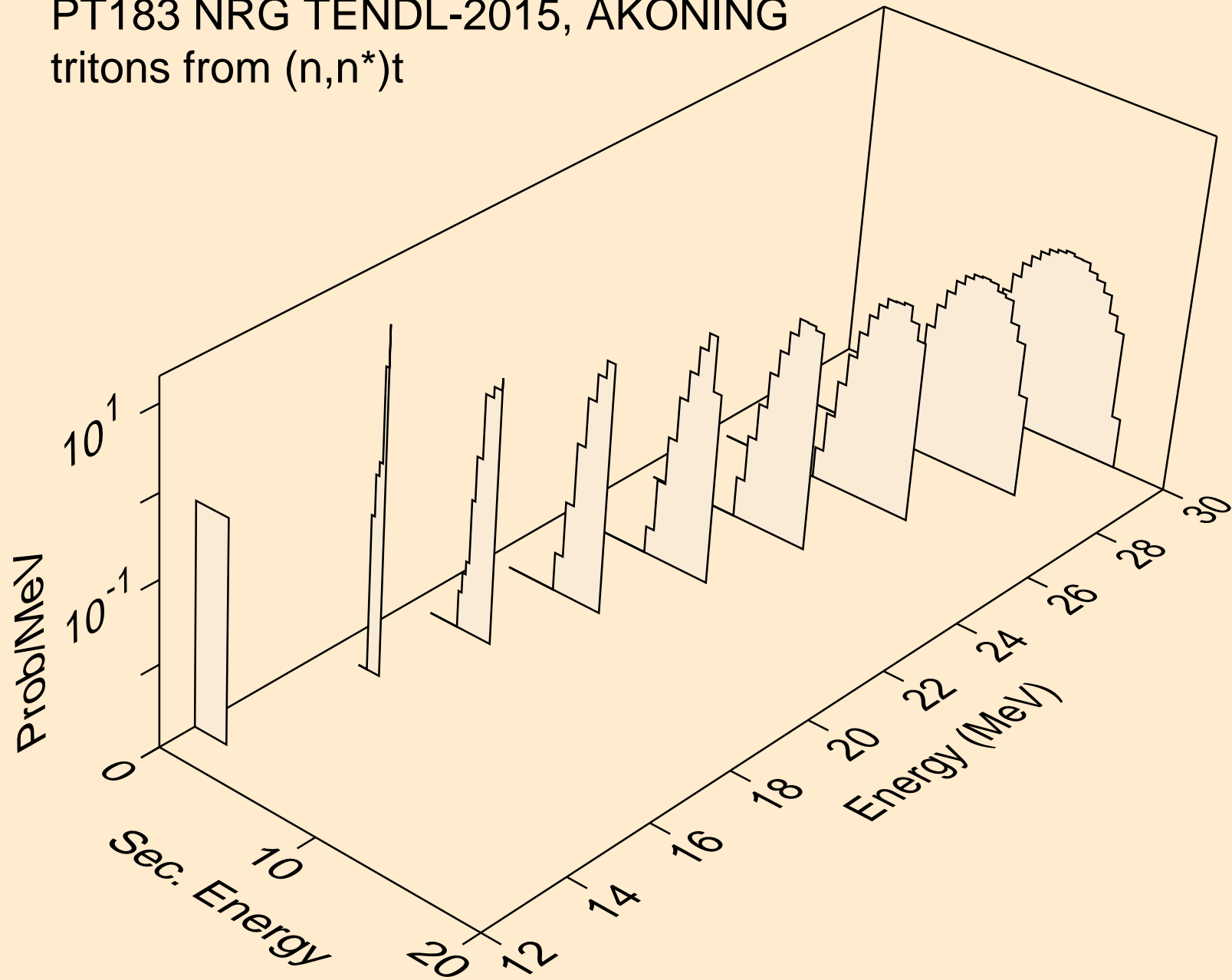
PT183 NRG TENDL-2015, AKONING  
deuterons from (n,da)



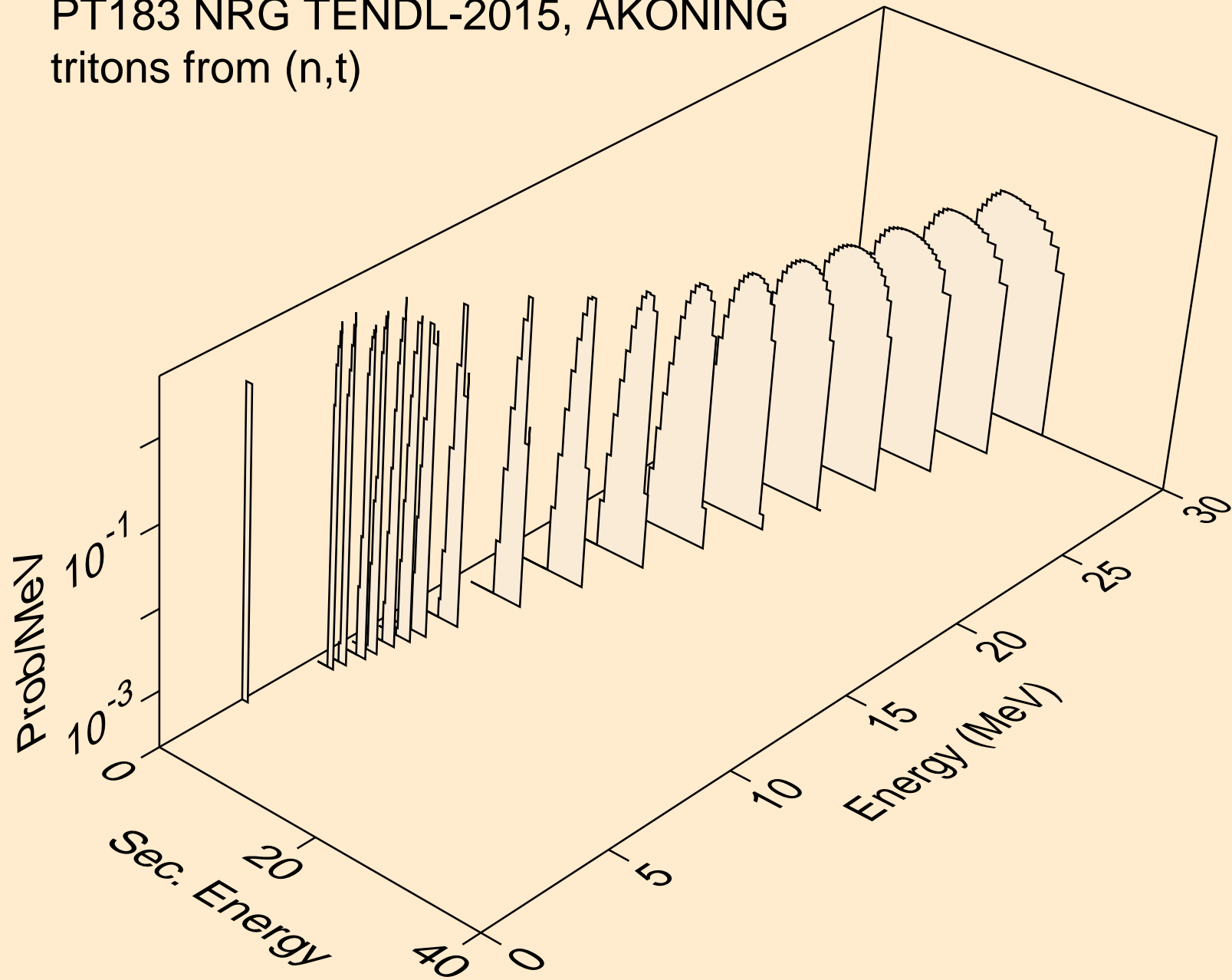
PT183 NRG TENDL-2015, AKONING  
tritons from (n,x)



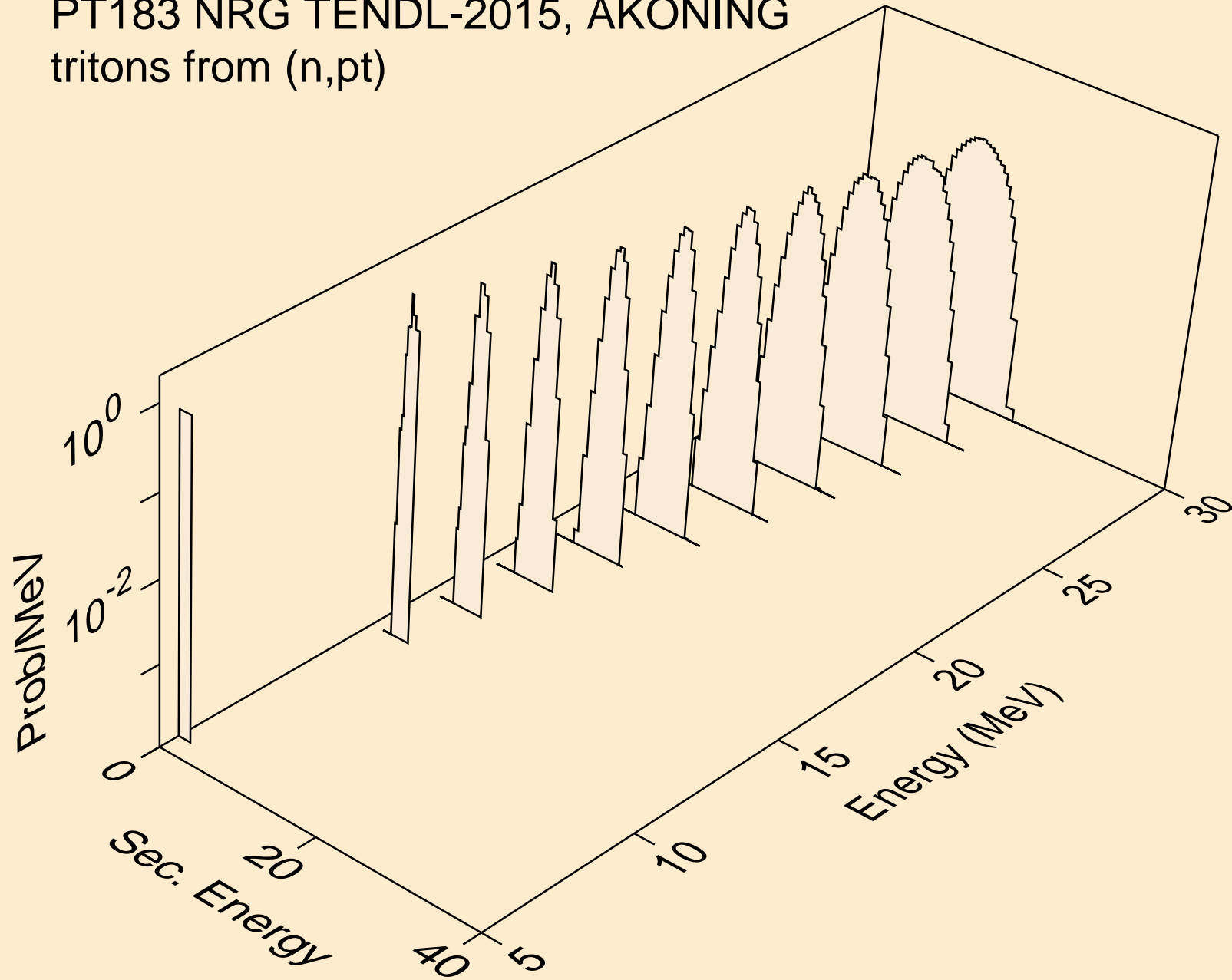
PT183 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



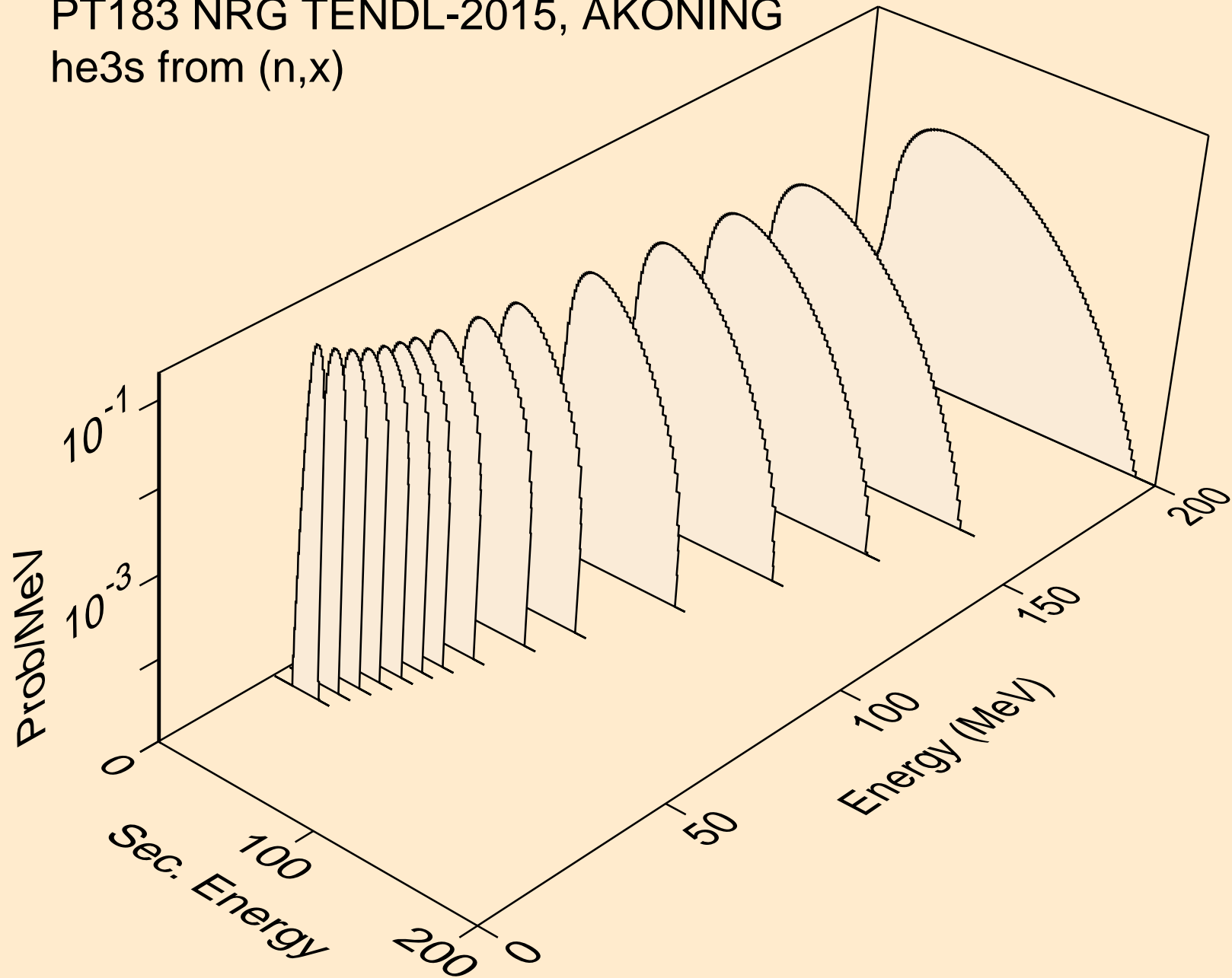
PT183 NRG TENDL-2015, AKONING  
tritons from (n,t)



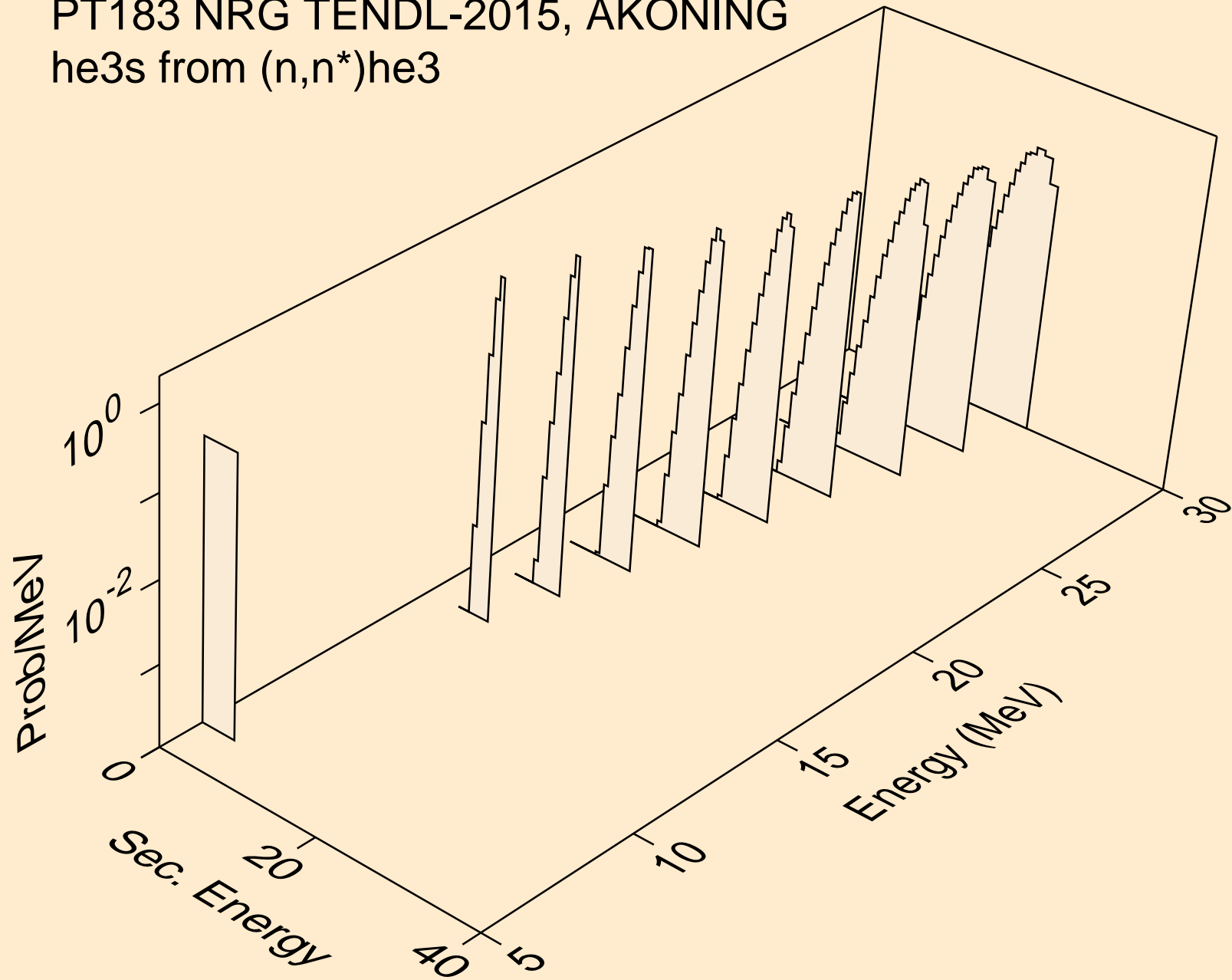
PT183 NRG TENDL-2015, AKONING  
tritons from (n,pt)



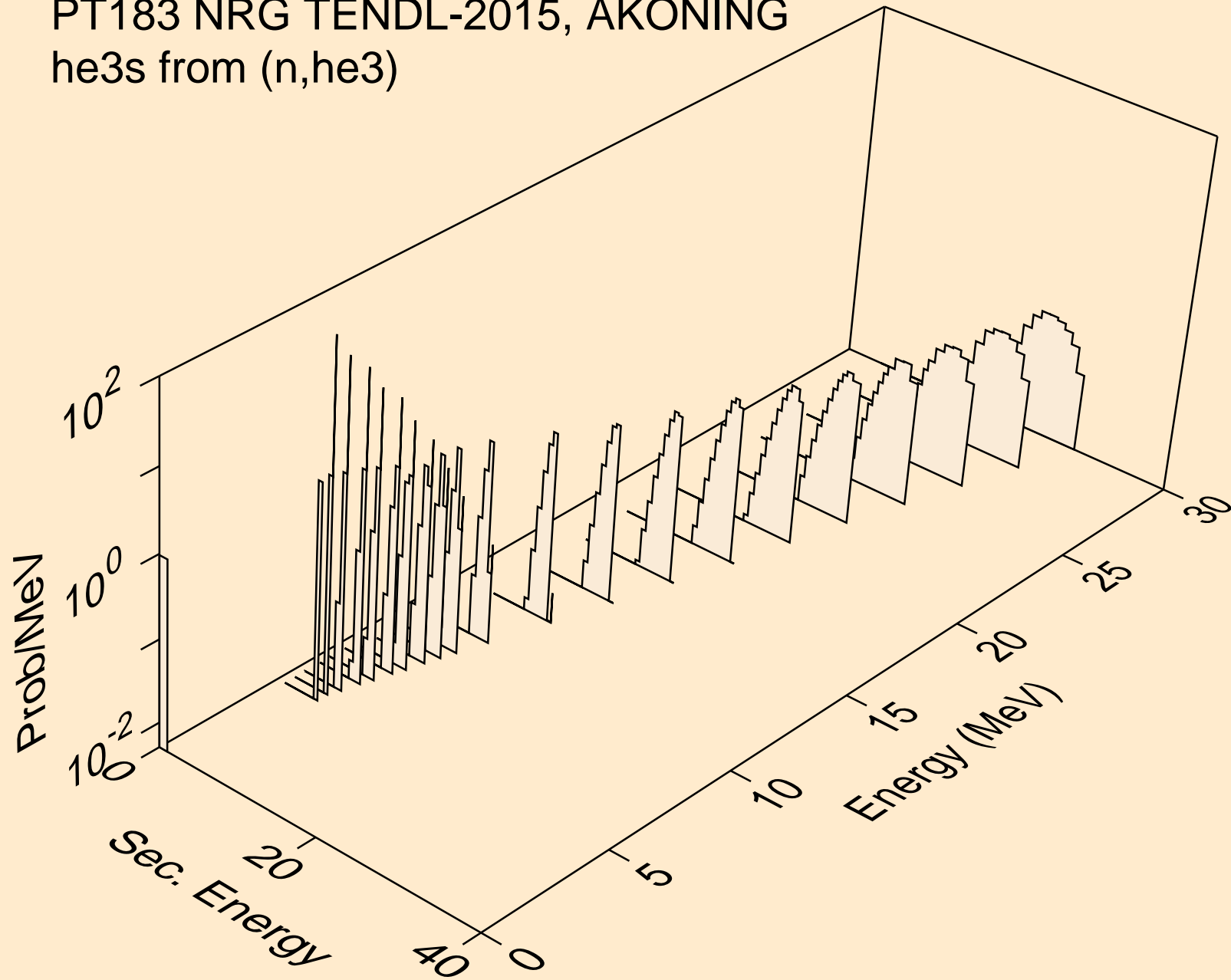
PT183 NRG TENDL-2015, AKONING  
he3s from (n,x)



PT183 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

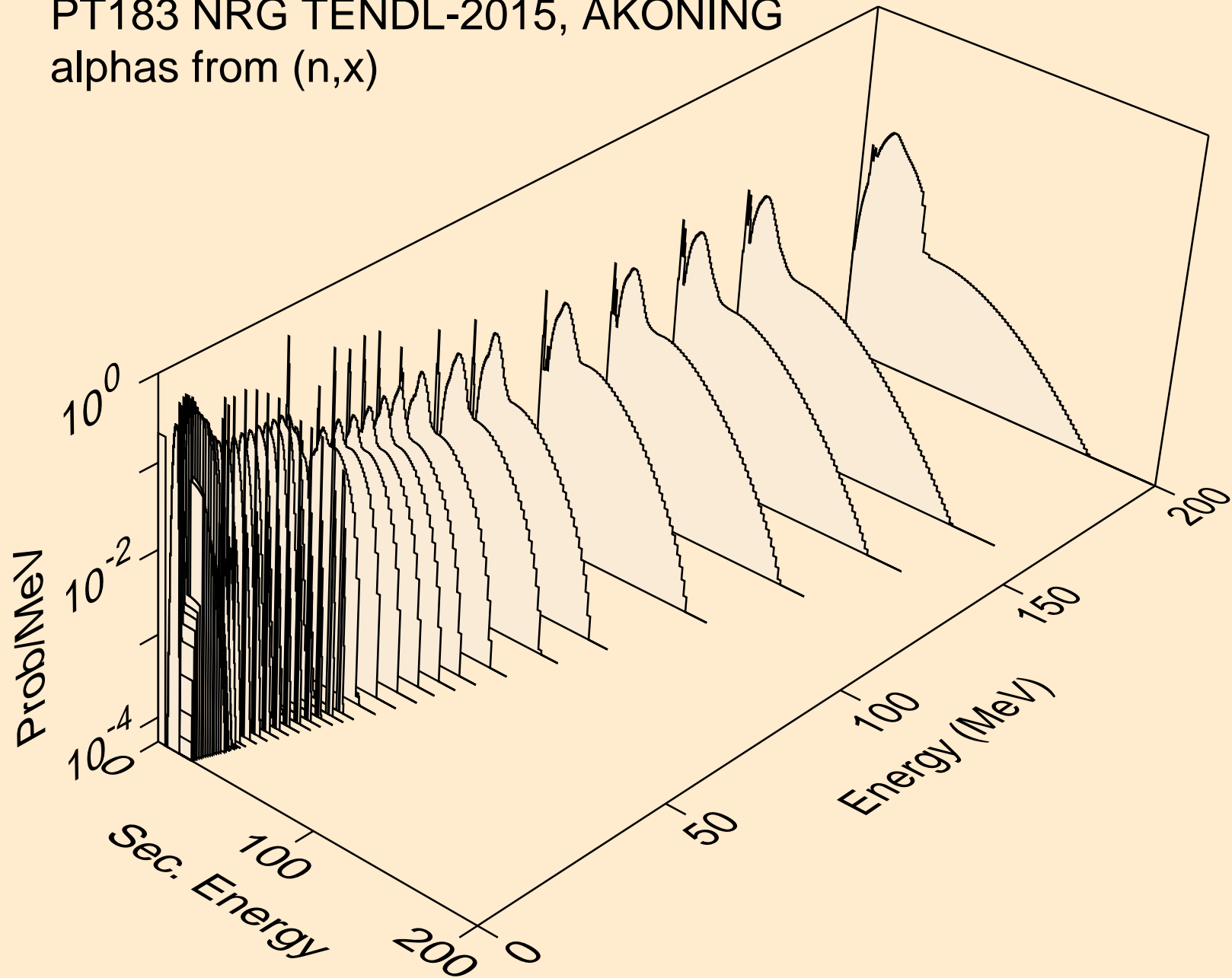


PT183 NRG TENDL-2015, AKONING  
he3s from (n,he3)

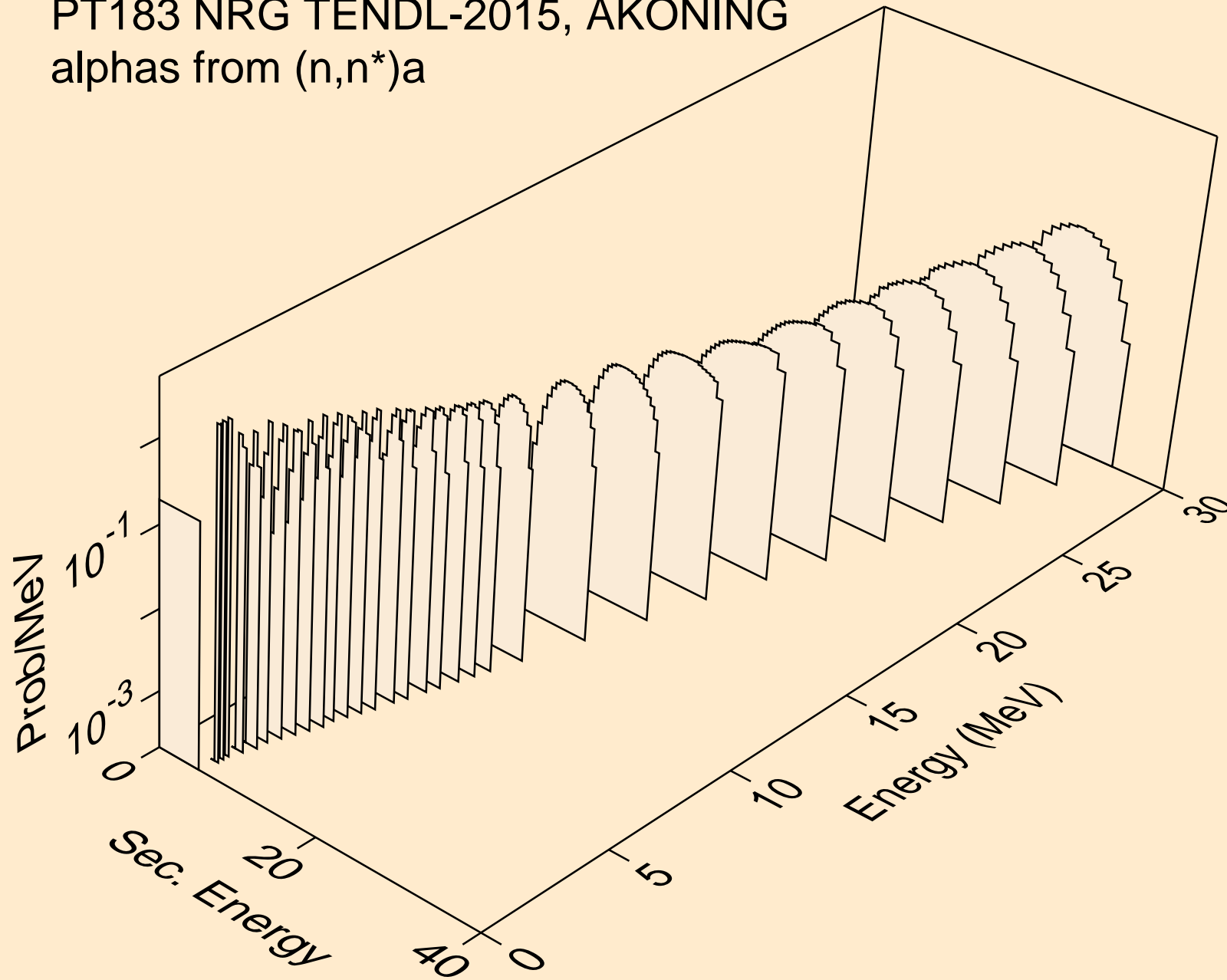




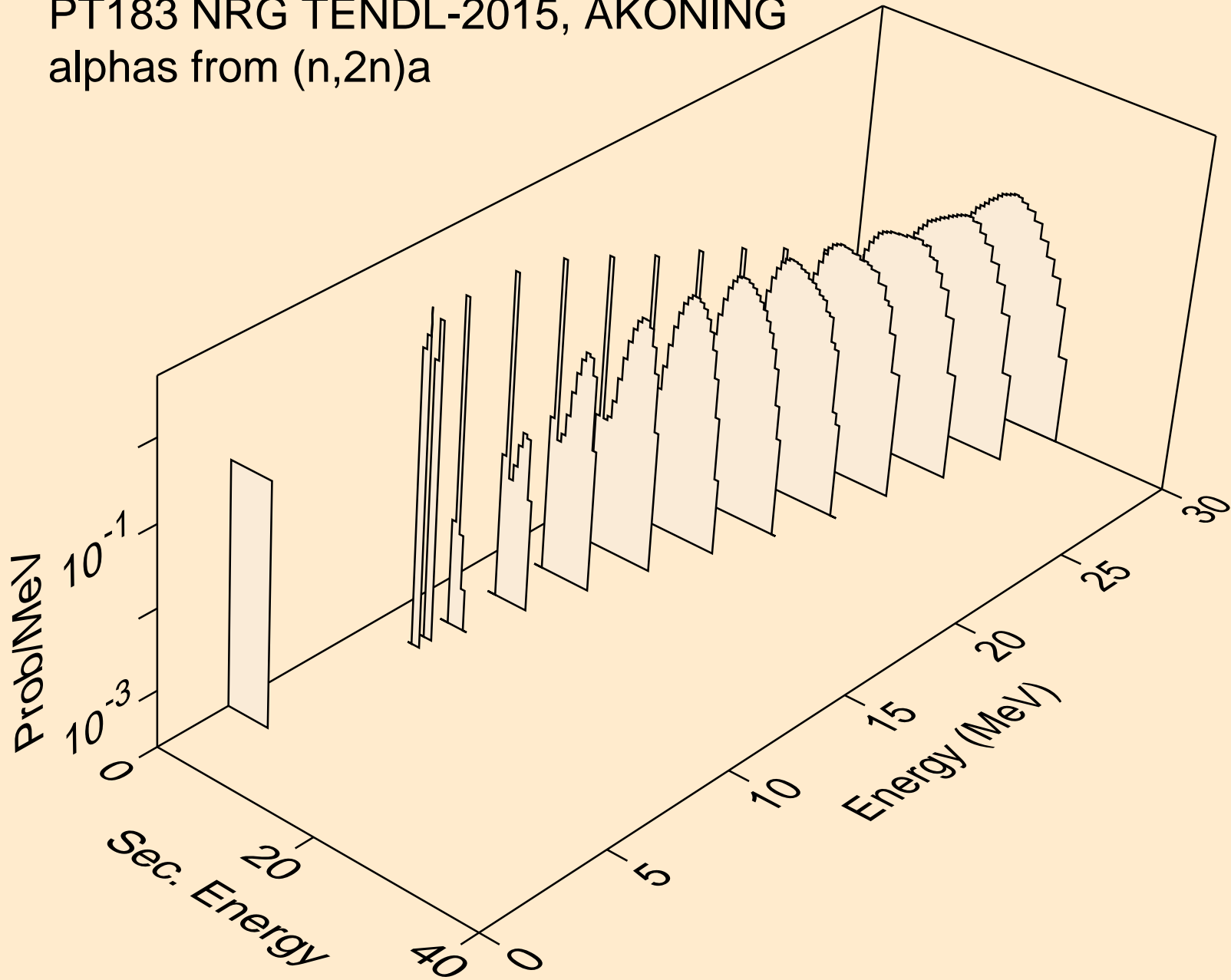
PT183 NRG TENDL-2015, AKONING  
alphas from (n,x)



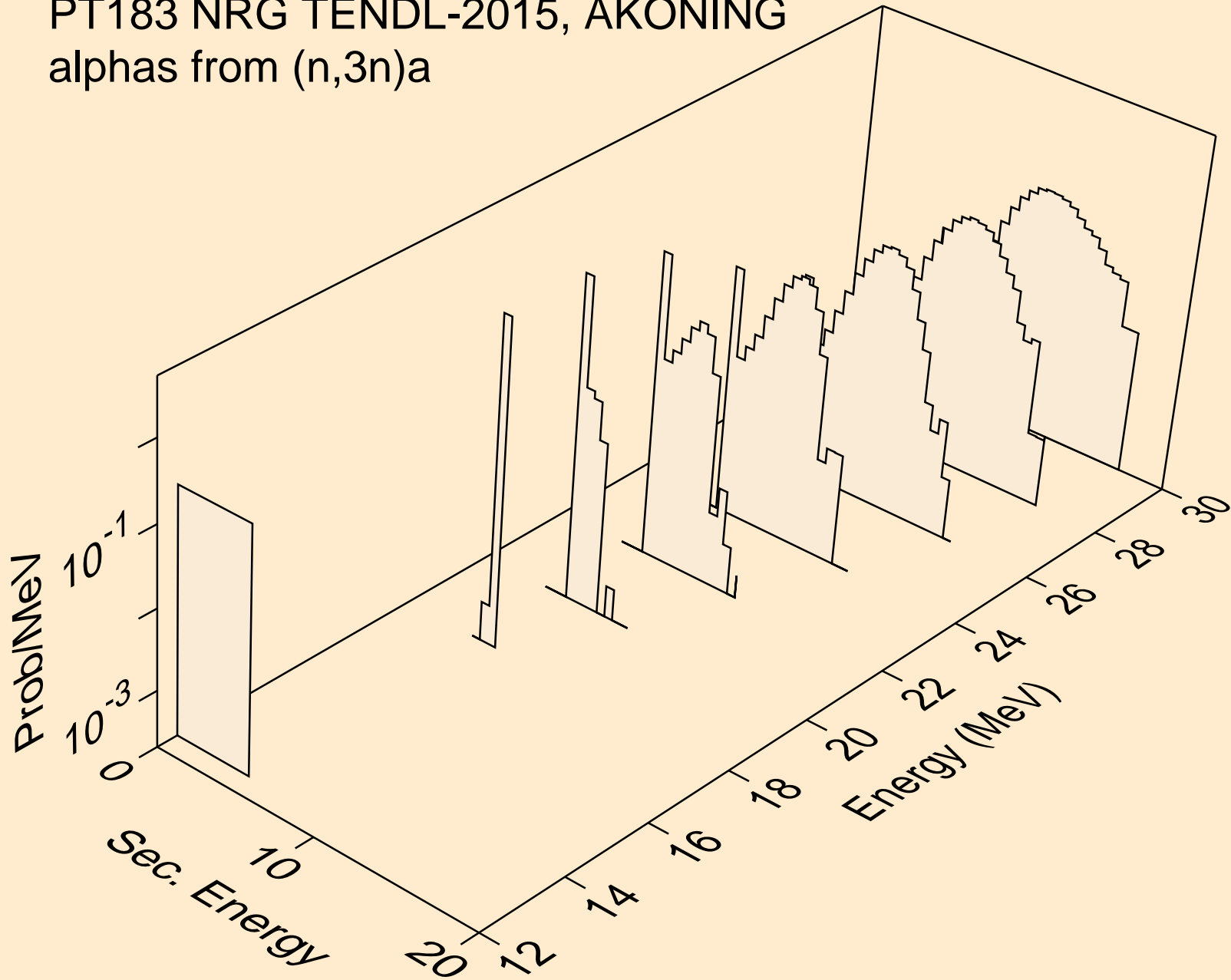
PT183 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



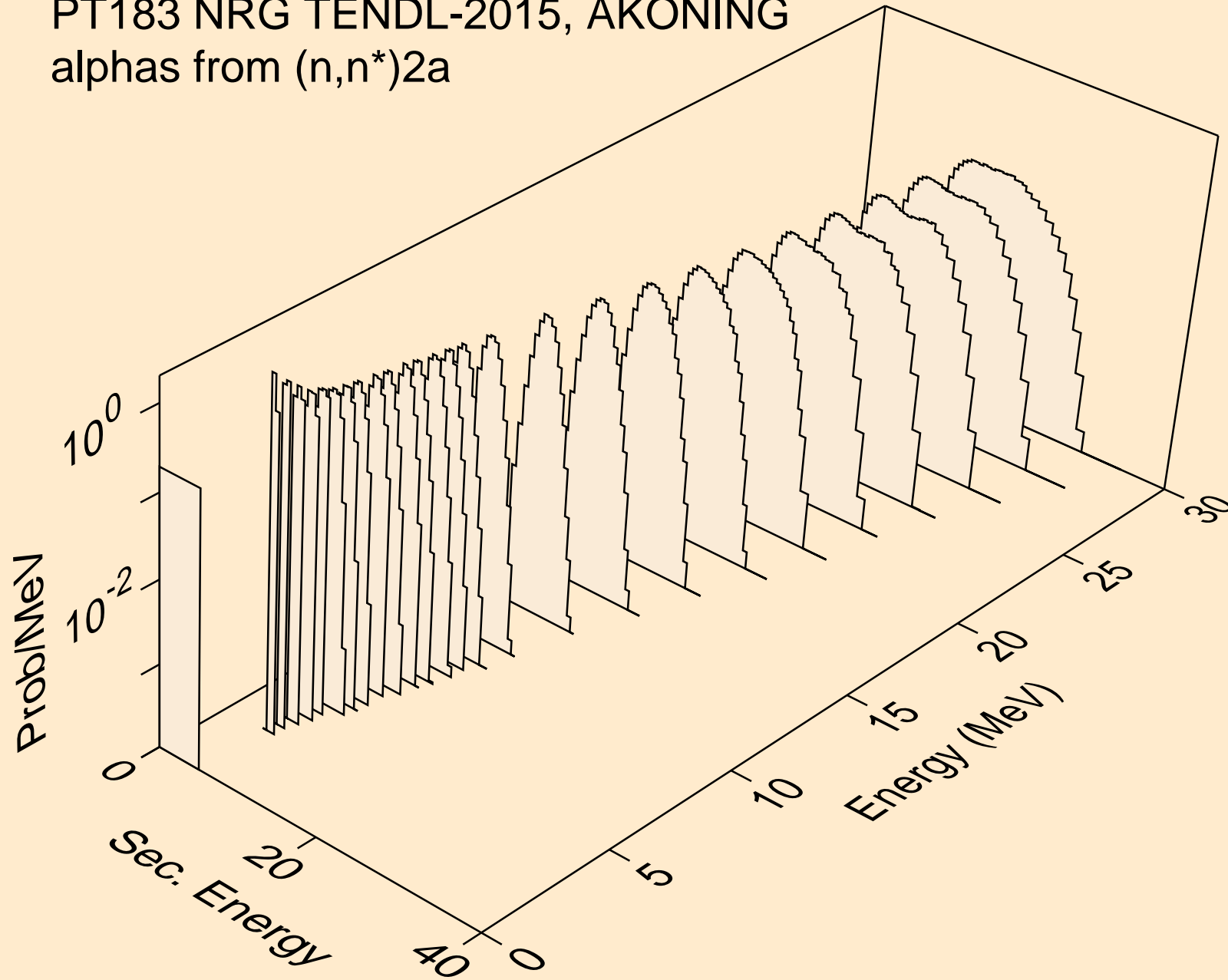
PT183 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



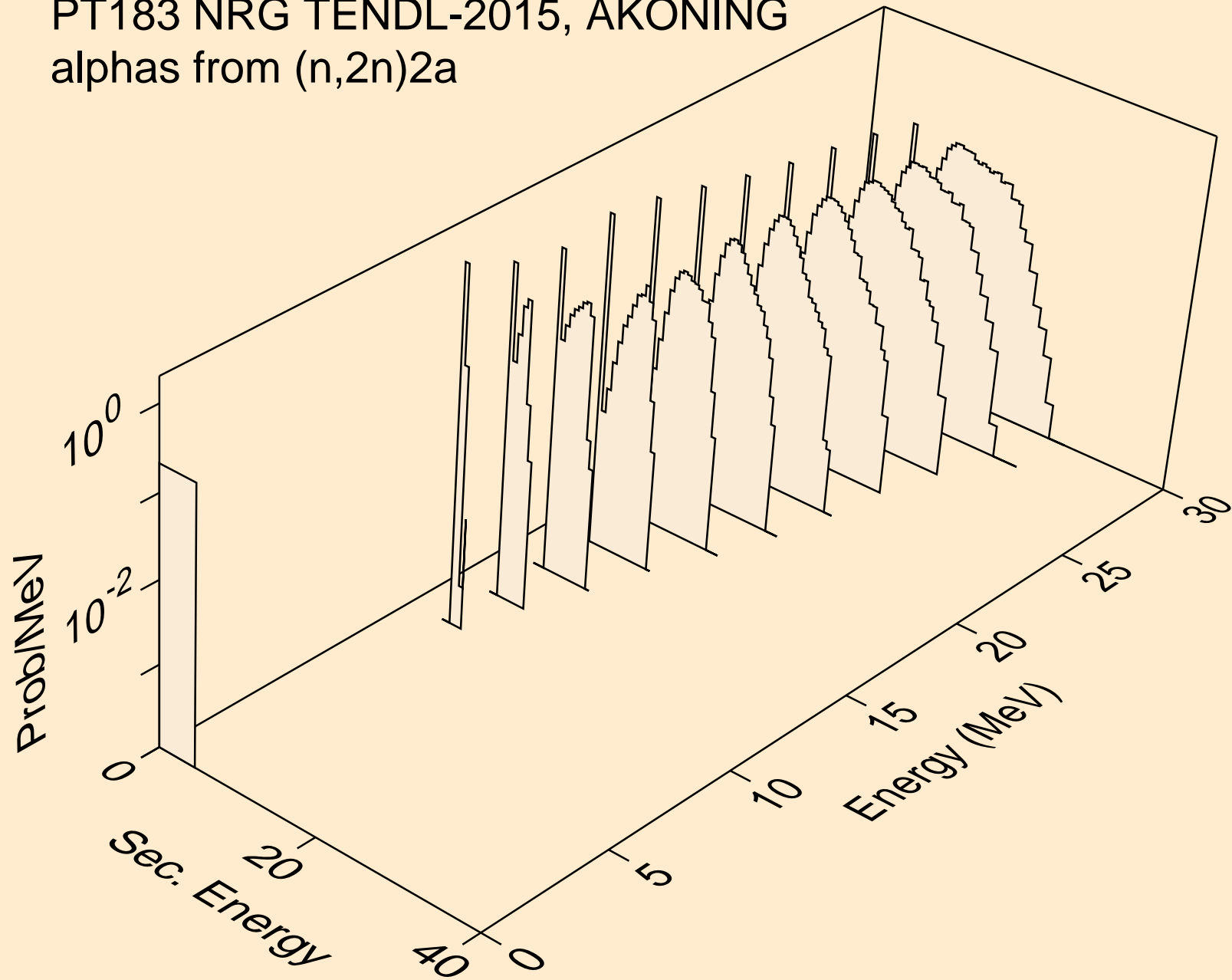
PT183 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



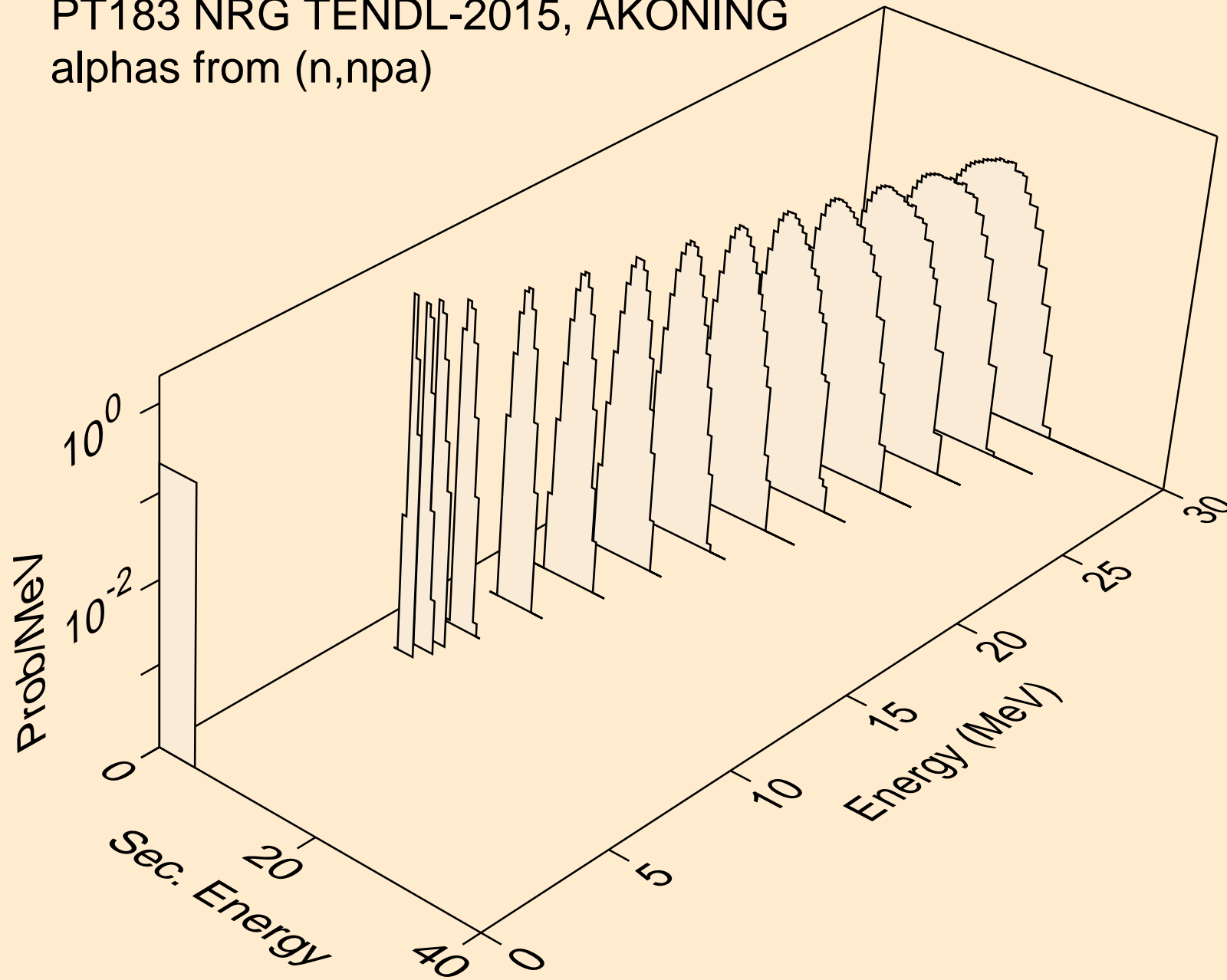
PT183 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



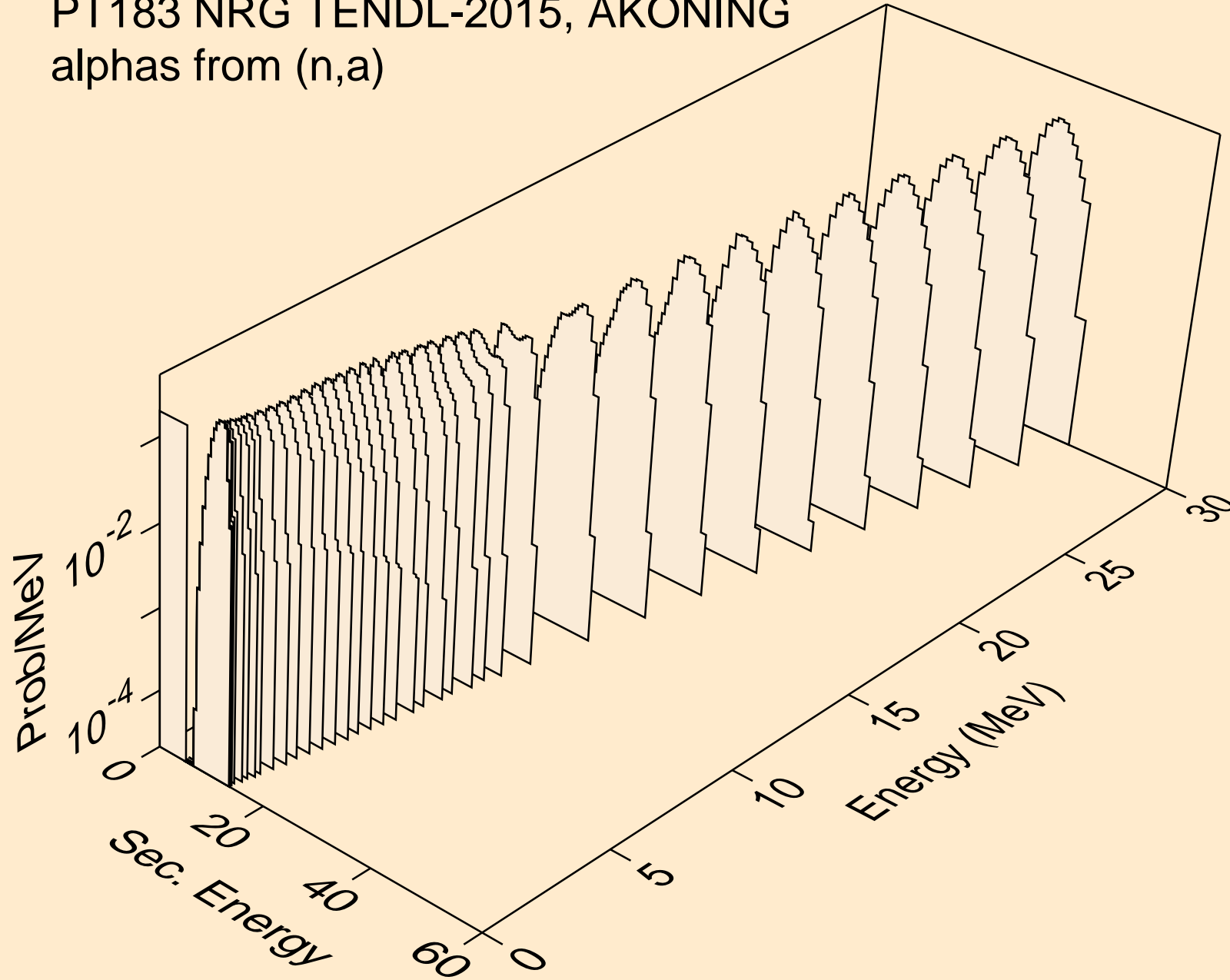
PT183 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



PT183 NRG TENDL-2015, AKONING  
alphas from (n,npa)

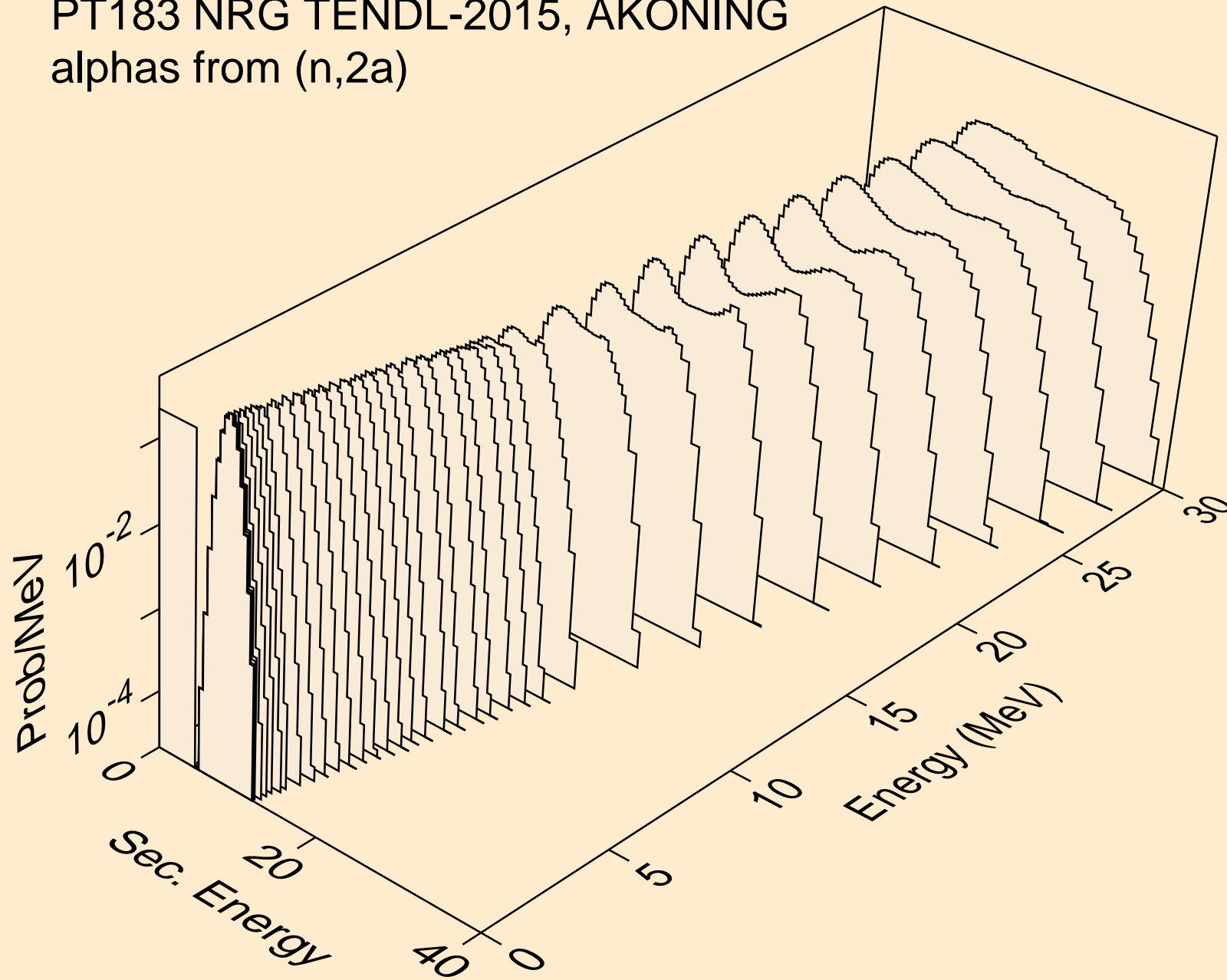


PT183 NRG TENDL-2015, AKONING  
alphas from (n,a)

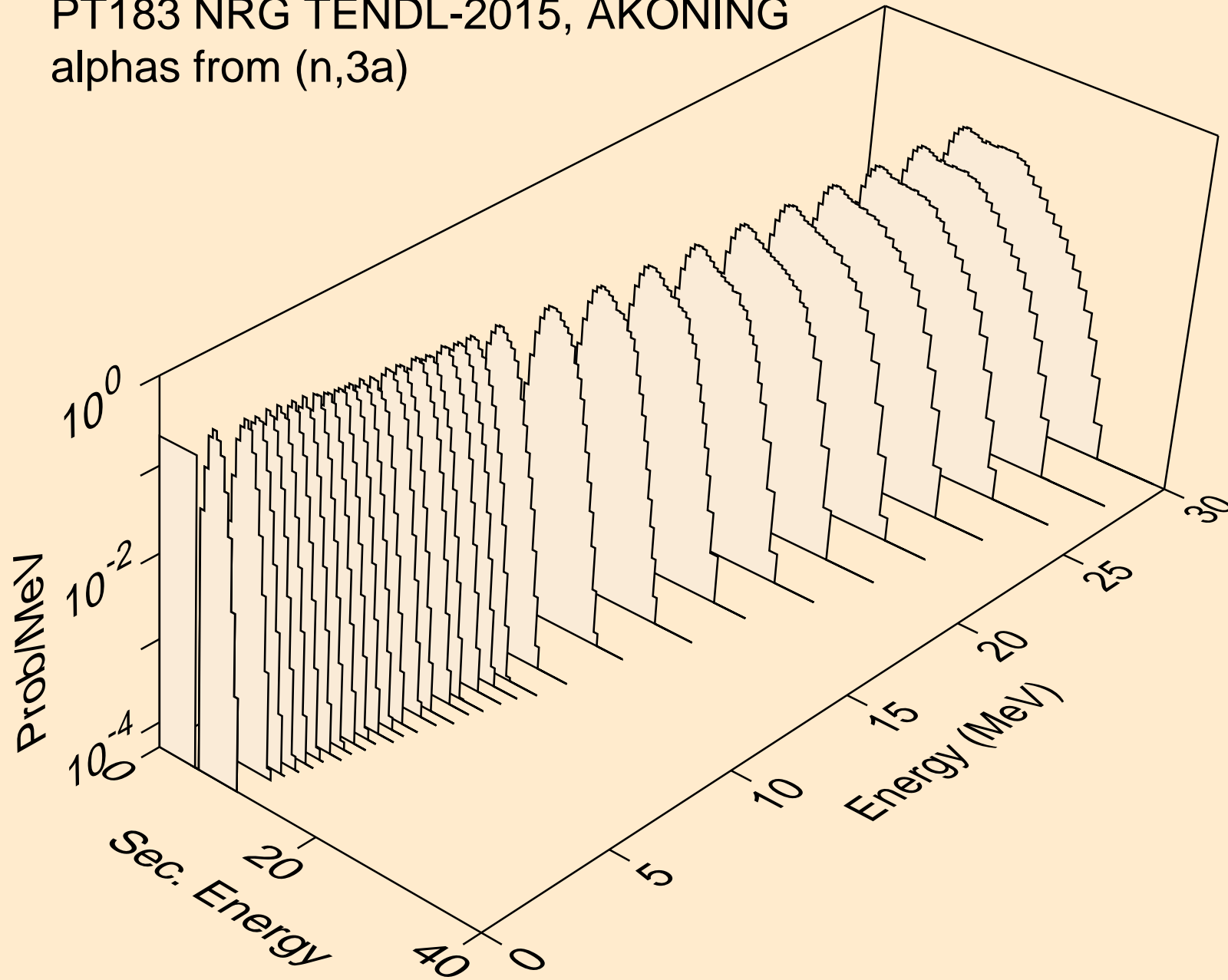




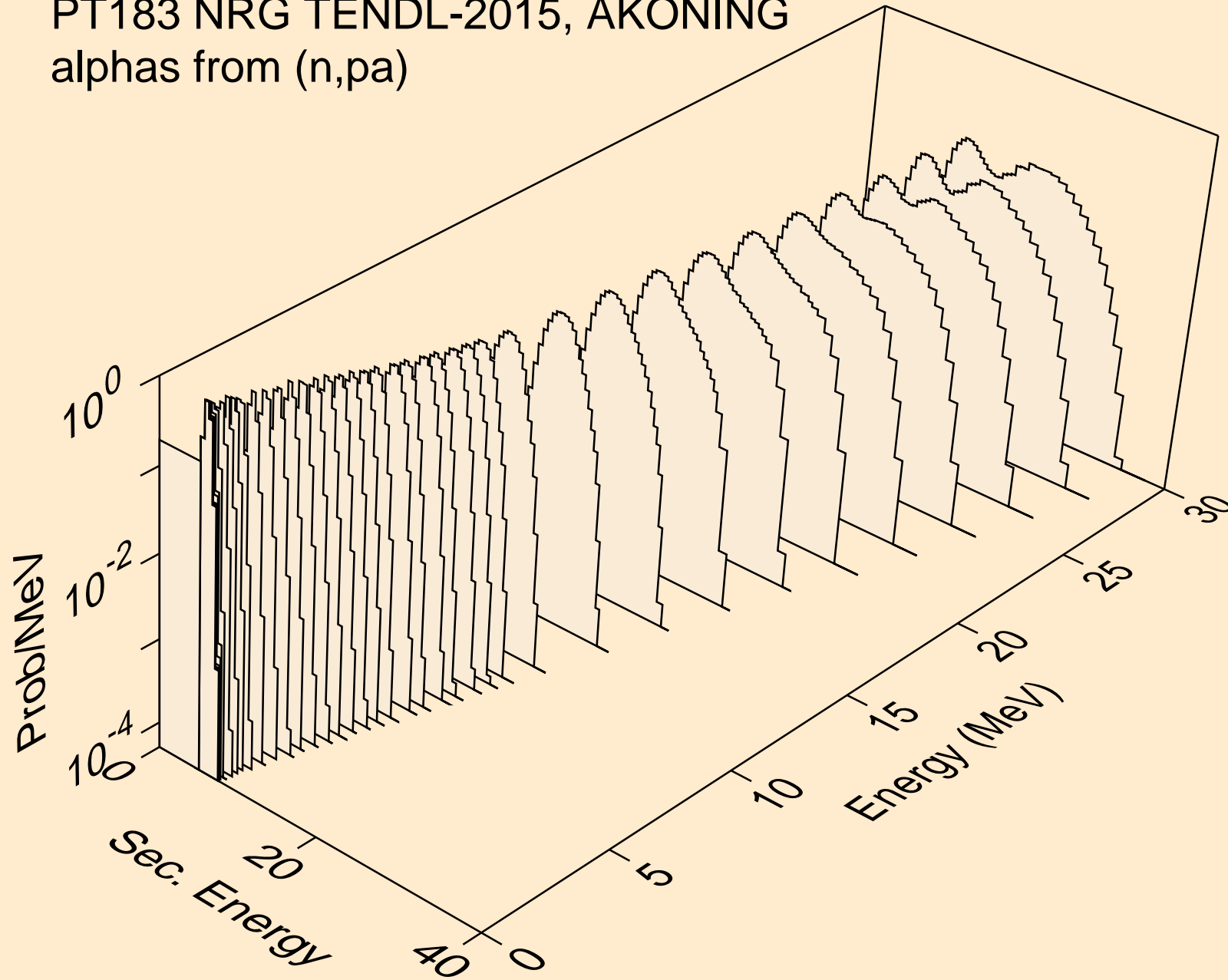
PT183 NRG TENDL-2015, AKONING  
alphas from (n,2a)



PT183 NRG TENDL-2015, AKONING  
alphas from (n,3a)



PT183 NRG TENDL-2015, AKONING  
alphas from (n,pa)



PT183 NRG TENDL-2015, AKONING  
alphas from (n,da)

