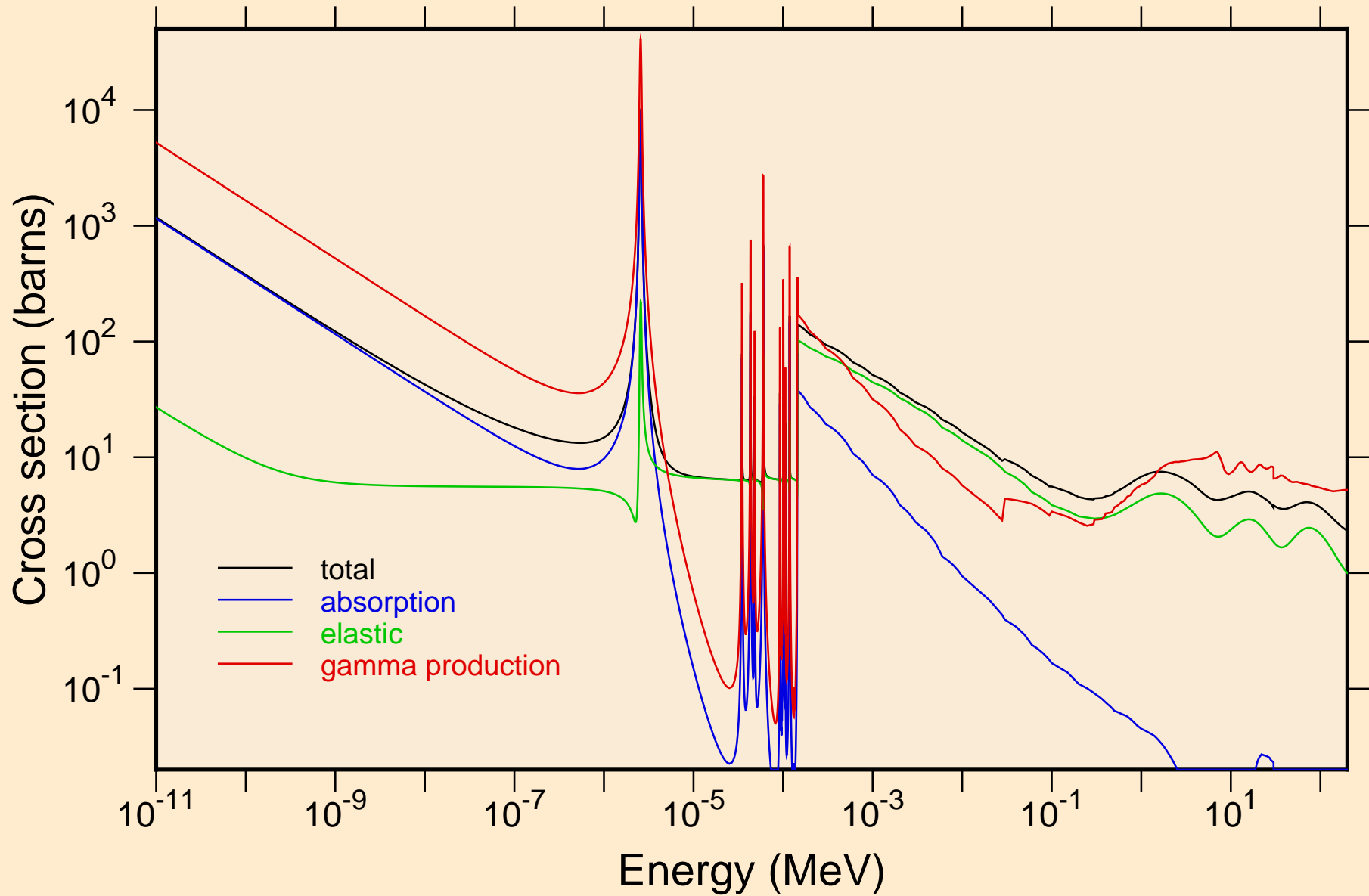
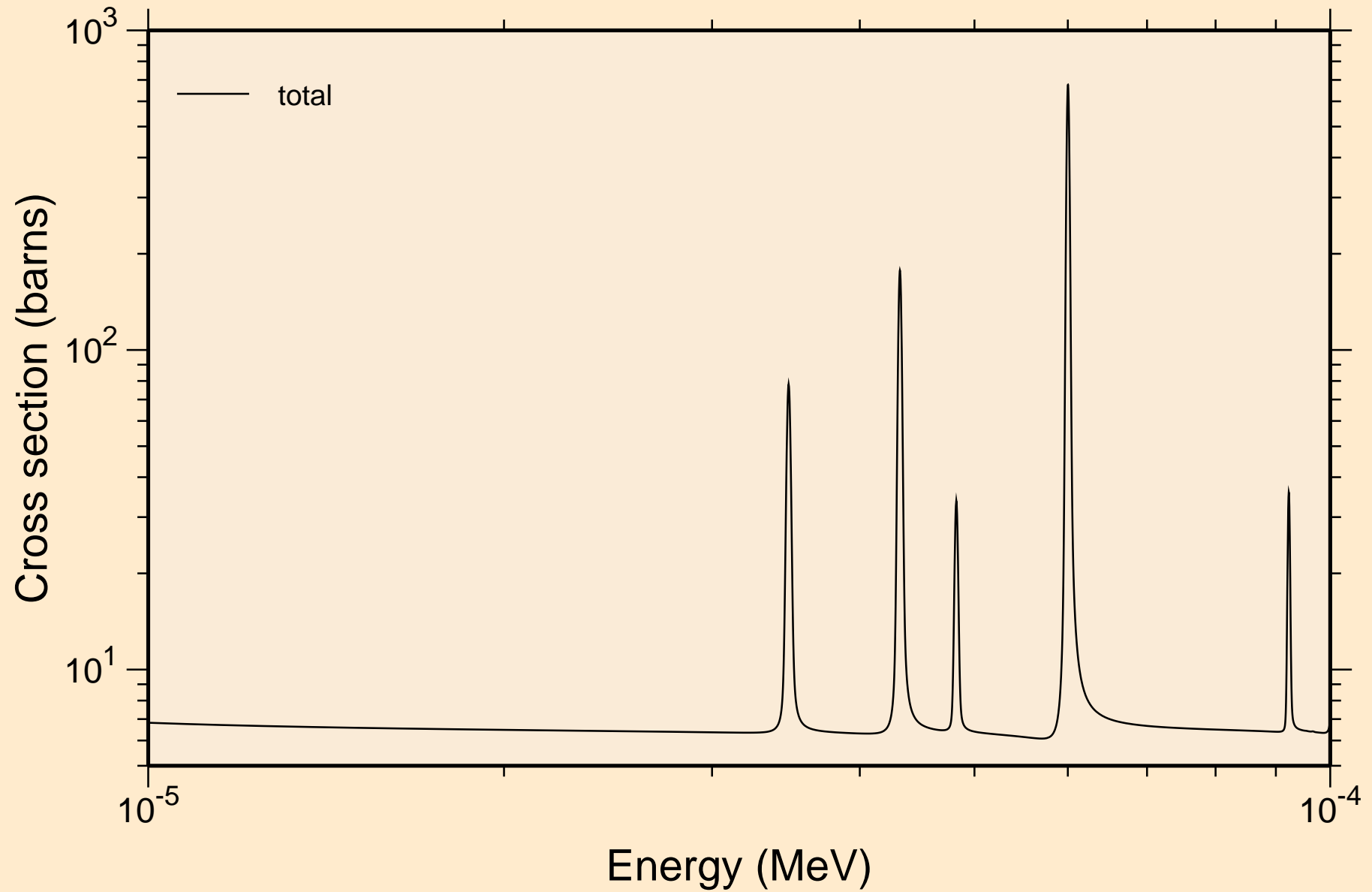


# PR147 NRG TENDL-2015, AKONING

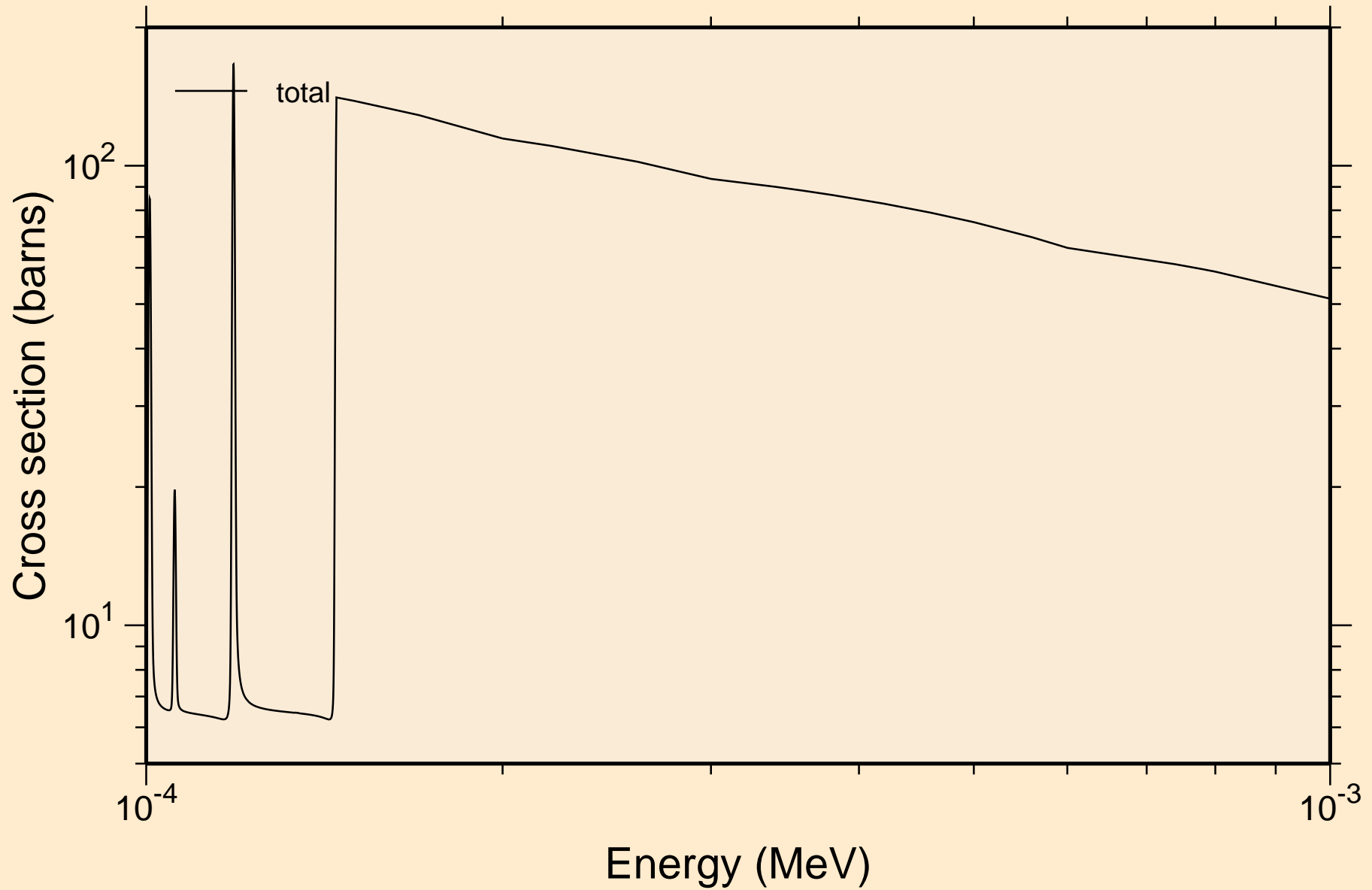
## Principal cross sections



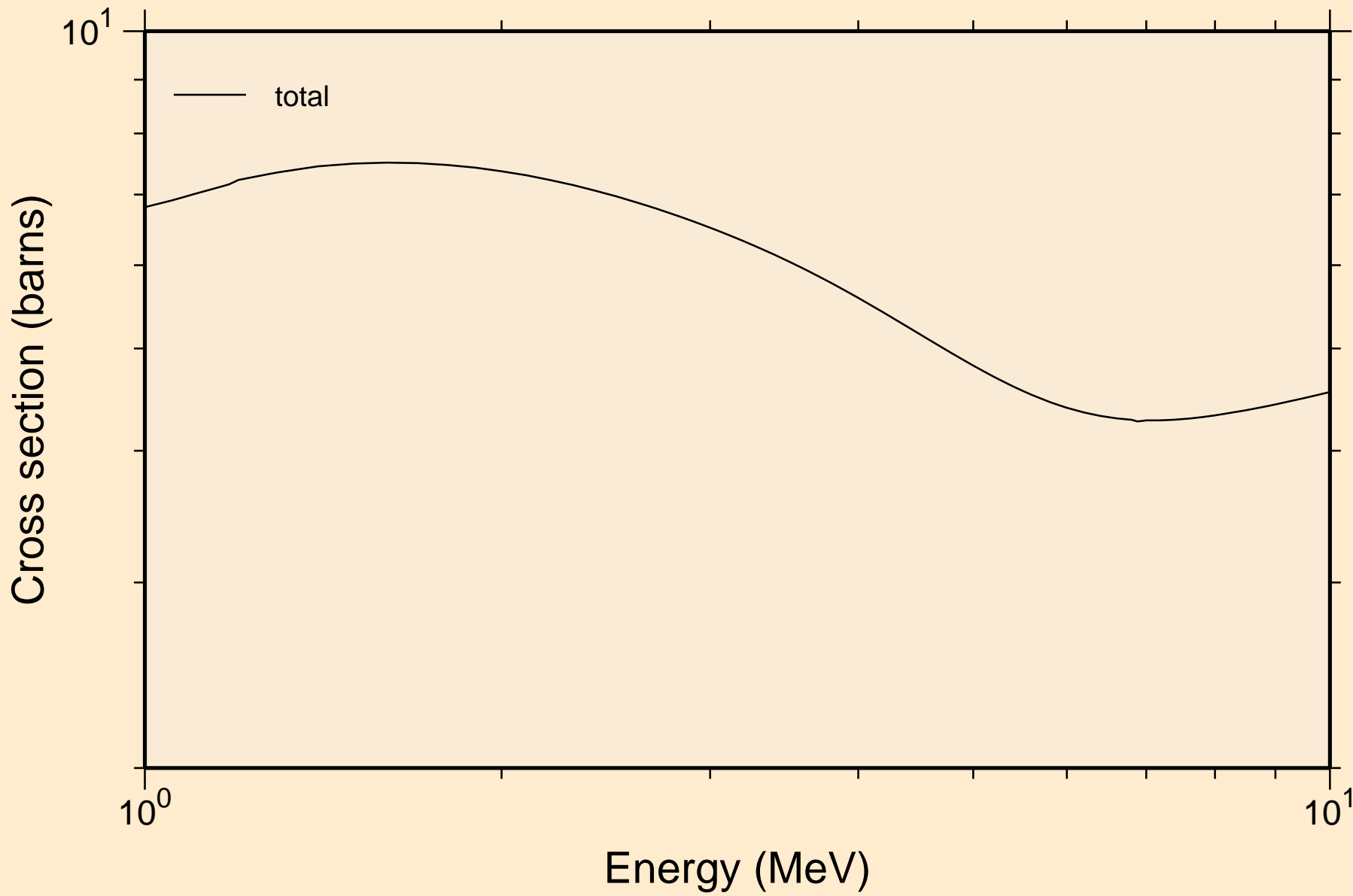
PR147 NRG TENDL-2015, AKONING  
resonance total cross section



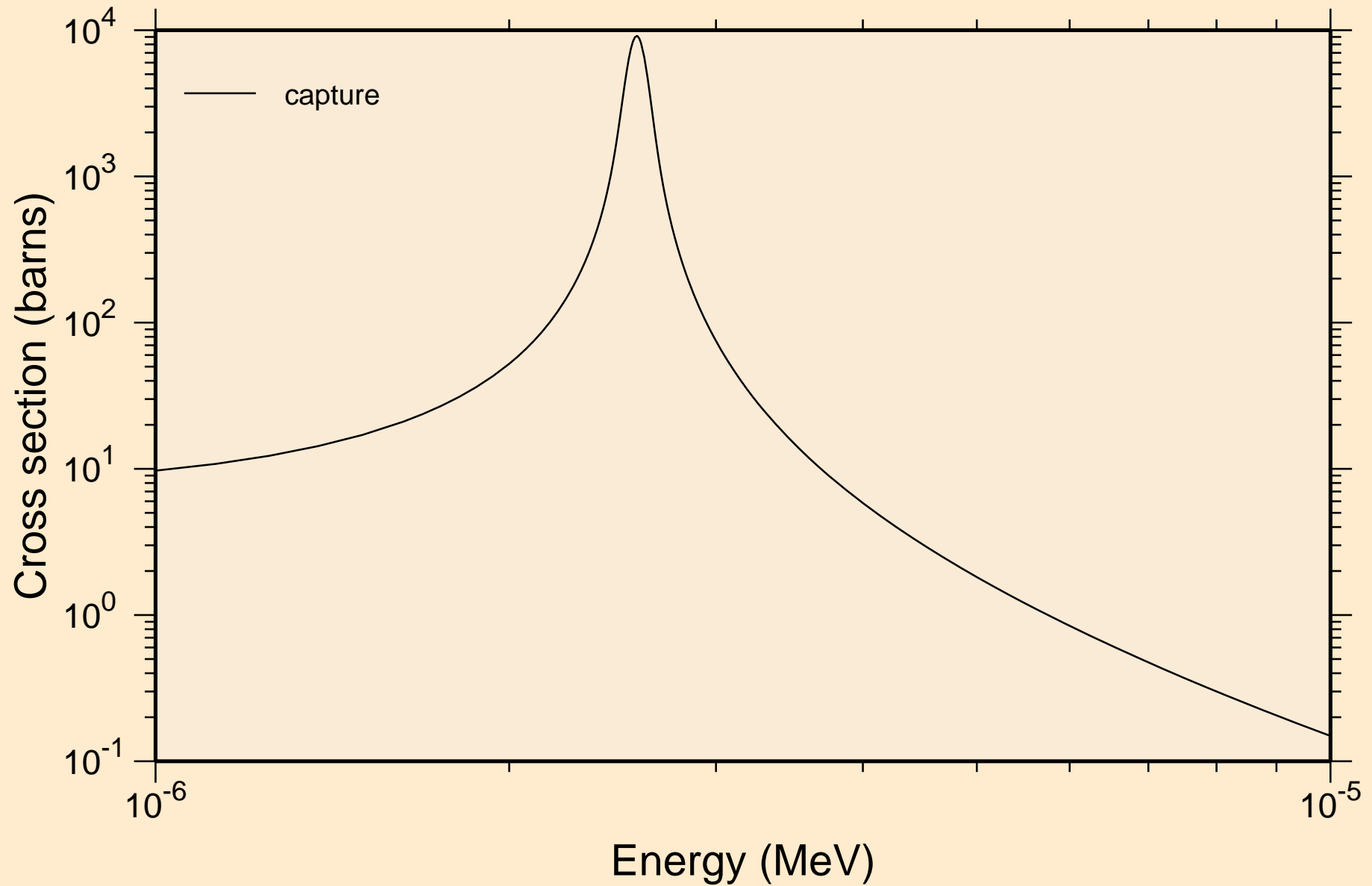
PR147 NRG TENDL-2015, AKONING  
resonance total cross section



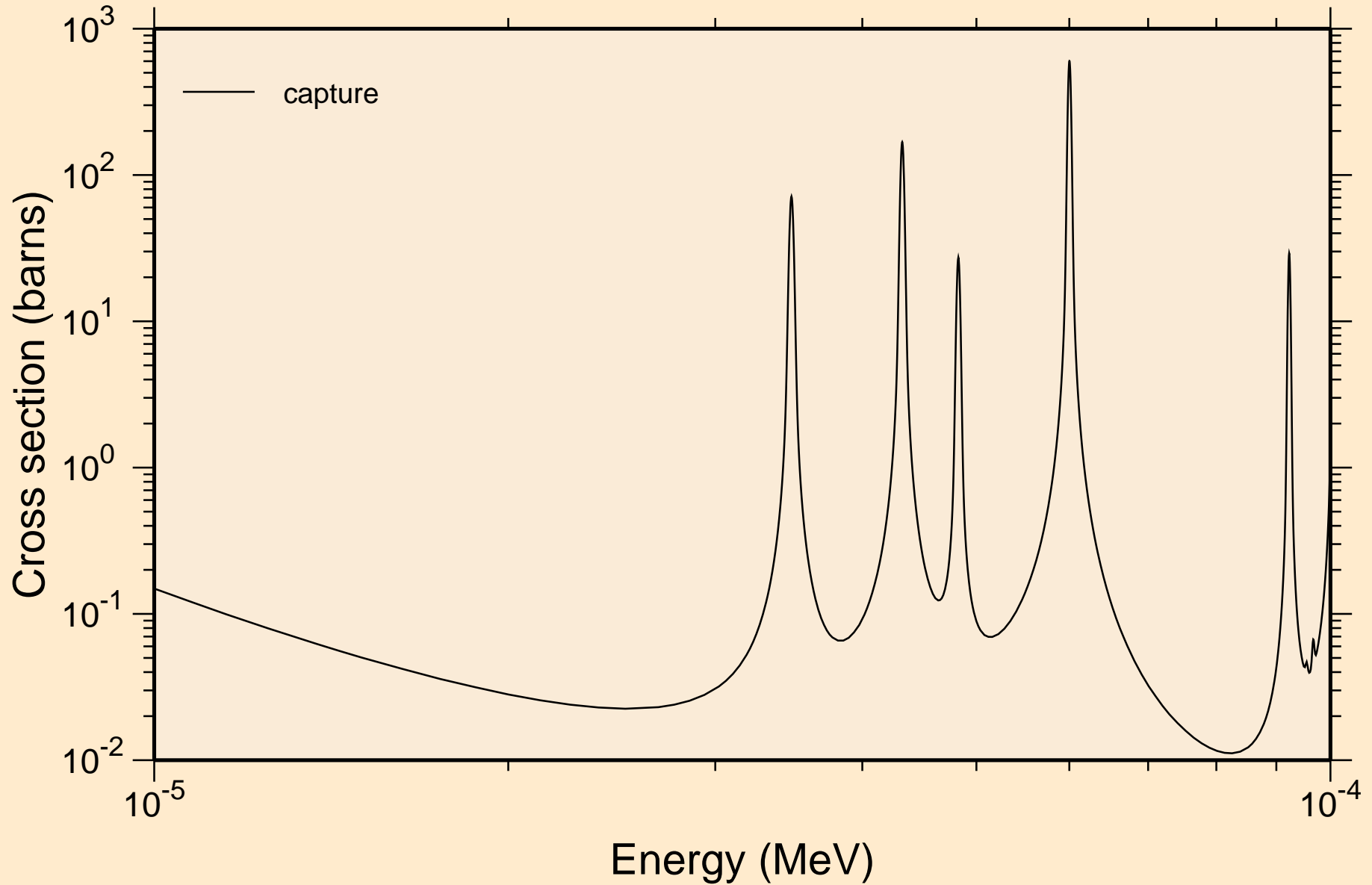
PR147 NRG TENDL-2015, AKONING  
resonance total cross section



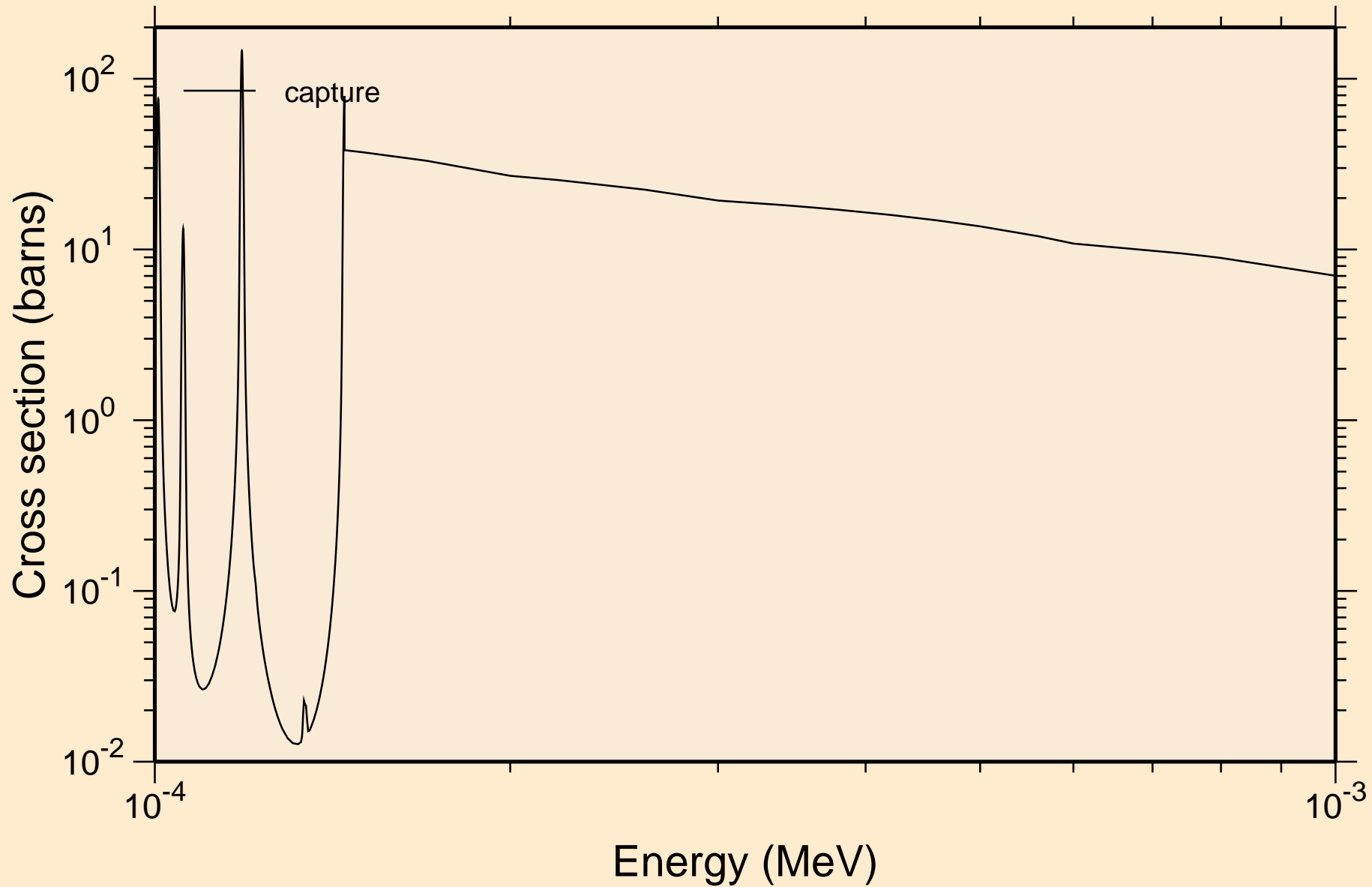
PR147 NRG TENDL-2015, AKONING  
resonance absorption cross sections



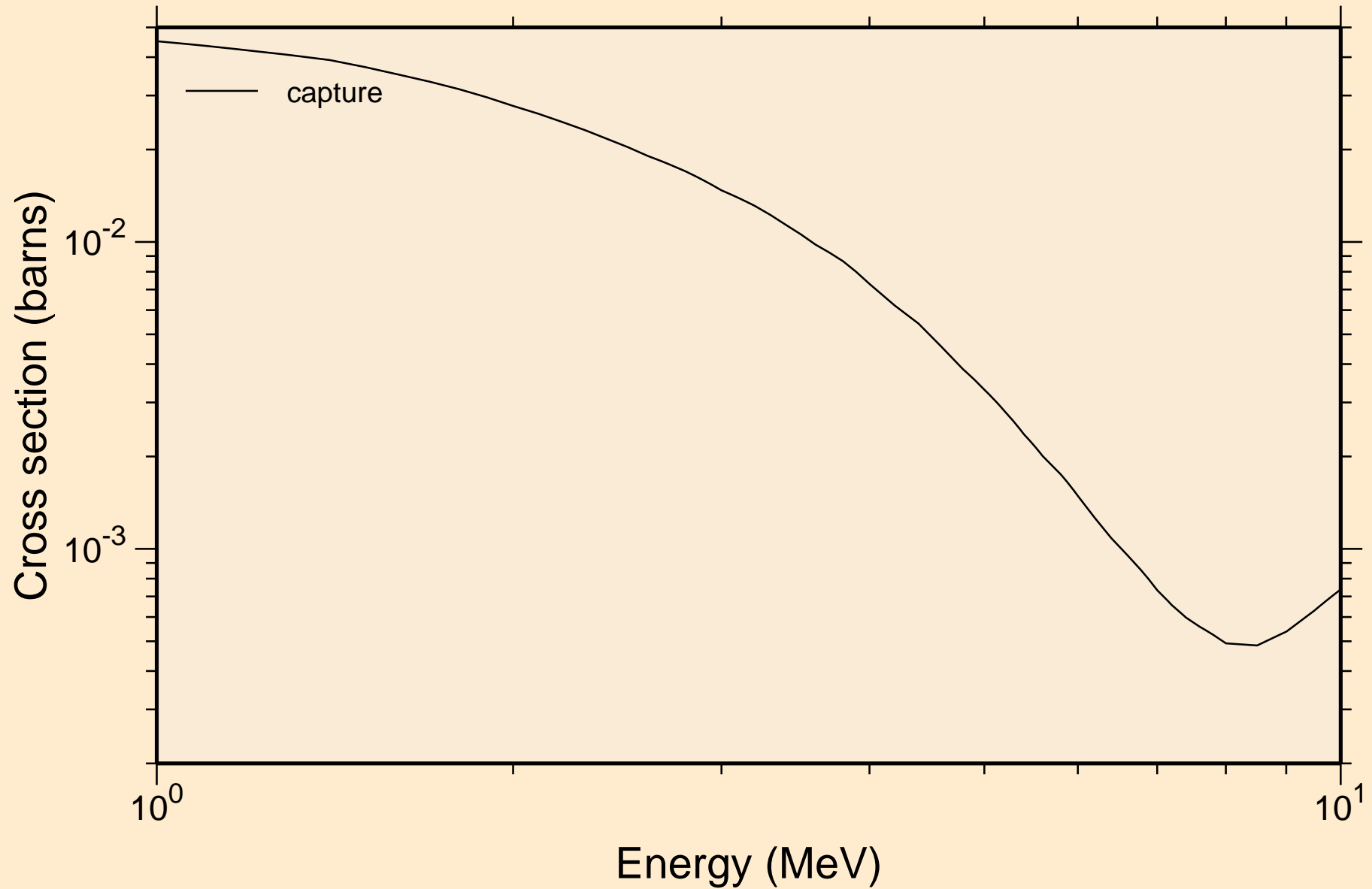
PR147 NRG TENDL-2015, AKONING  
resonance absorption cross sections



PR147 NRG TENDL-2015, AKONING  
resonance absorption cross sections



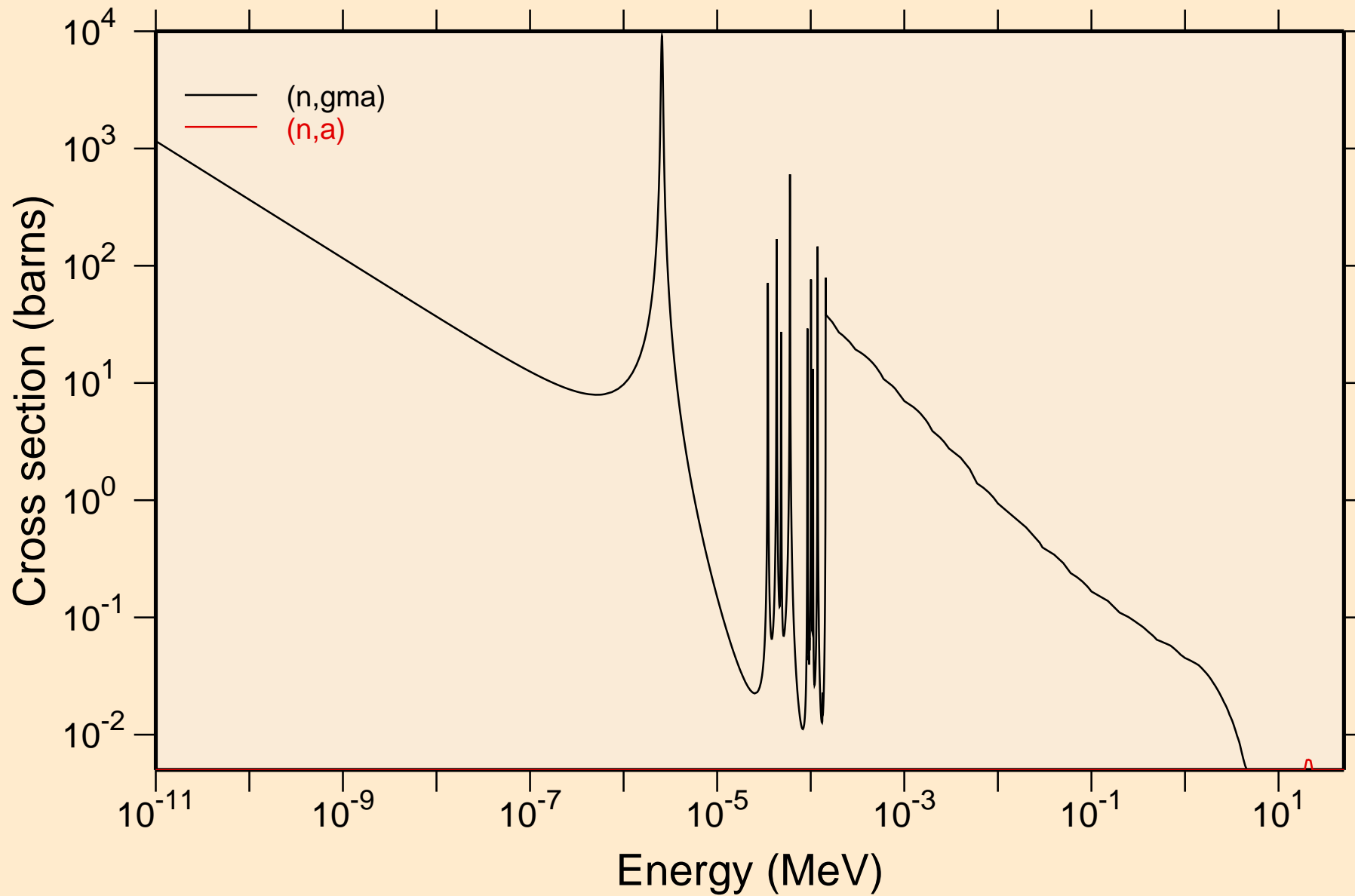
PR147 NRG TENDL-2015, AKONING  
resonance absorption cross sections





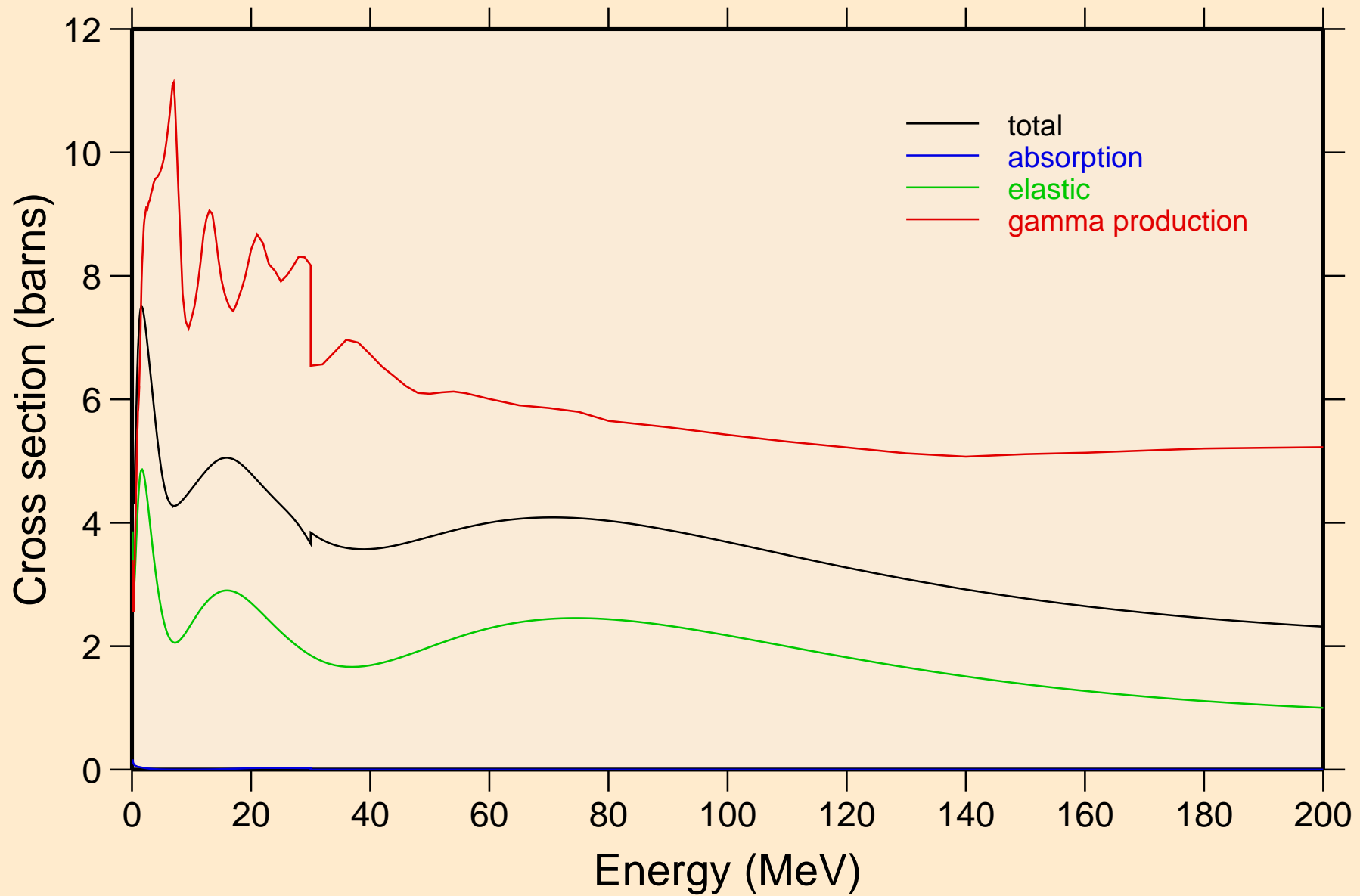
# PR147 NRG TENDL-2015, AKONING

## Non-threshold reactions

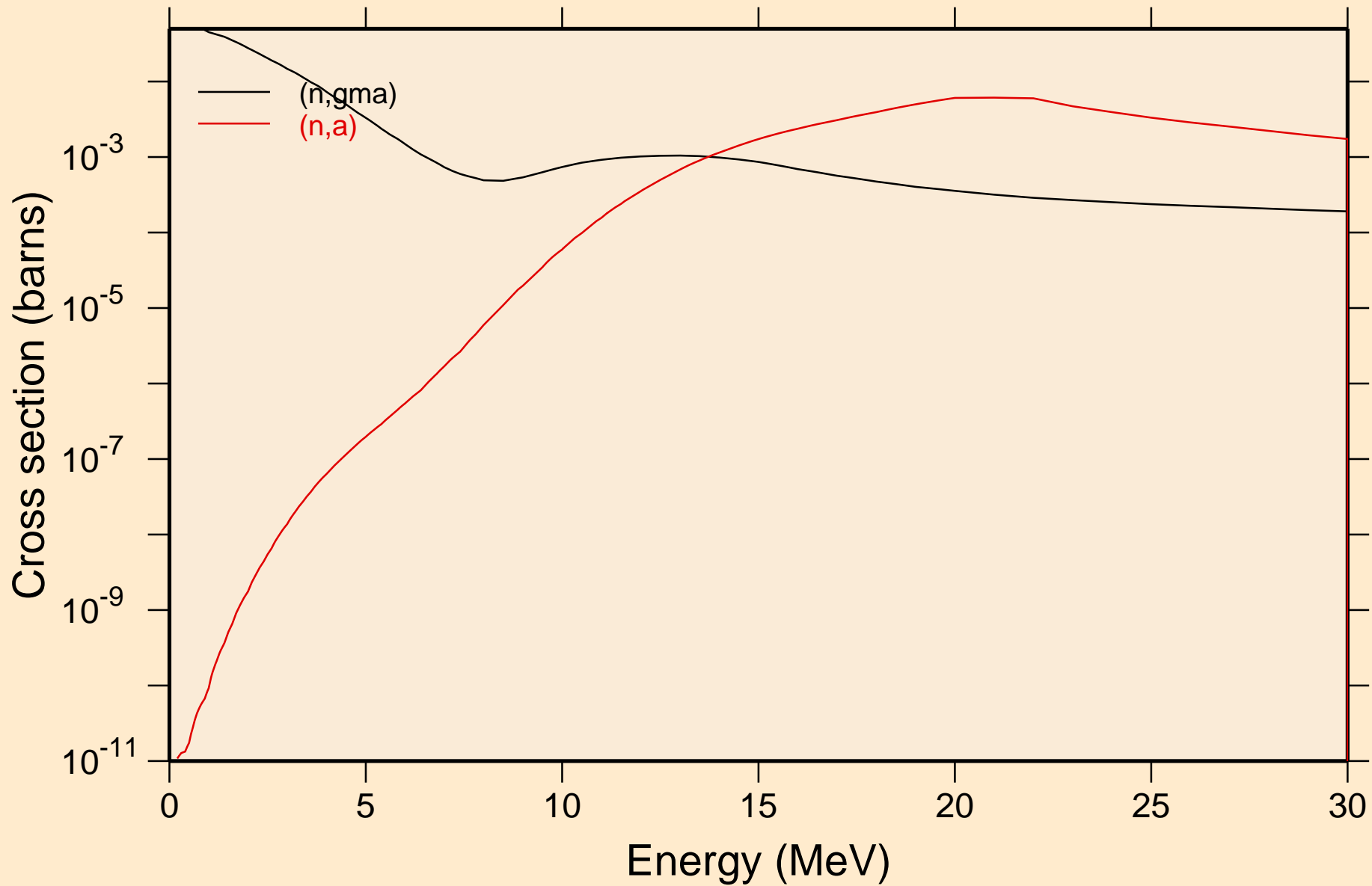


# PR147 NRG TENDL-2015, AKONING

## Principal cross sections

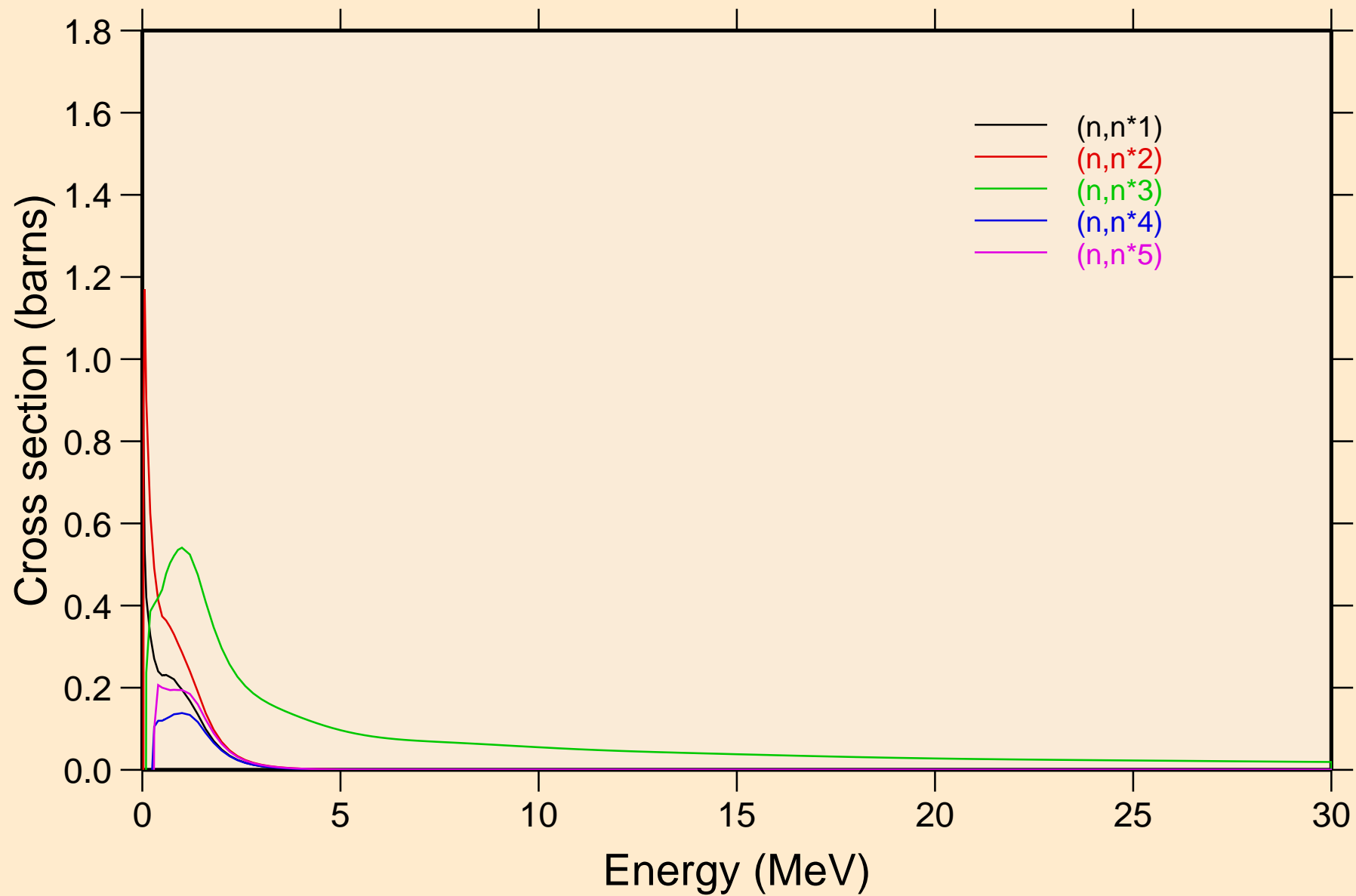


PR147 NRG TENDL-2015, AKONING  
Non-threshold reactions



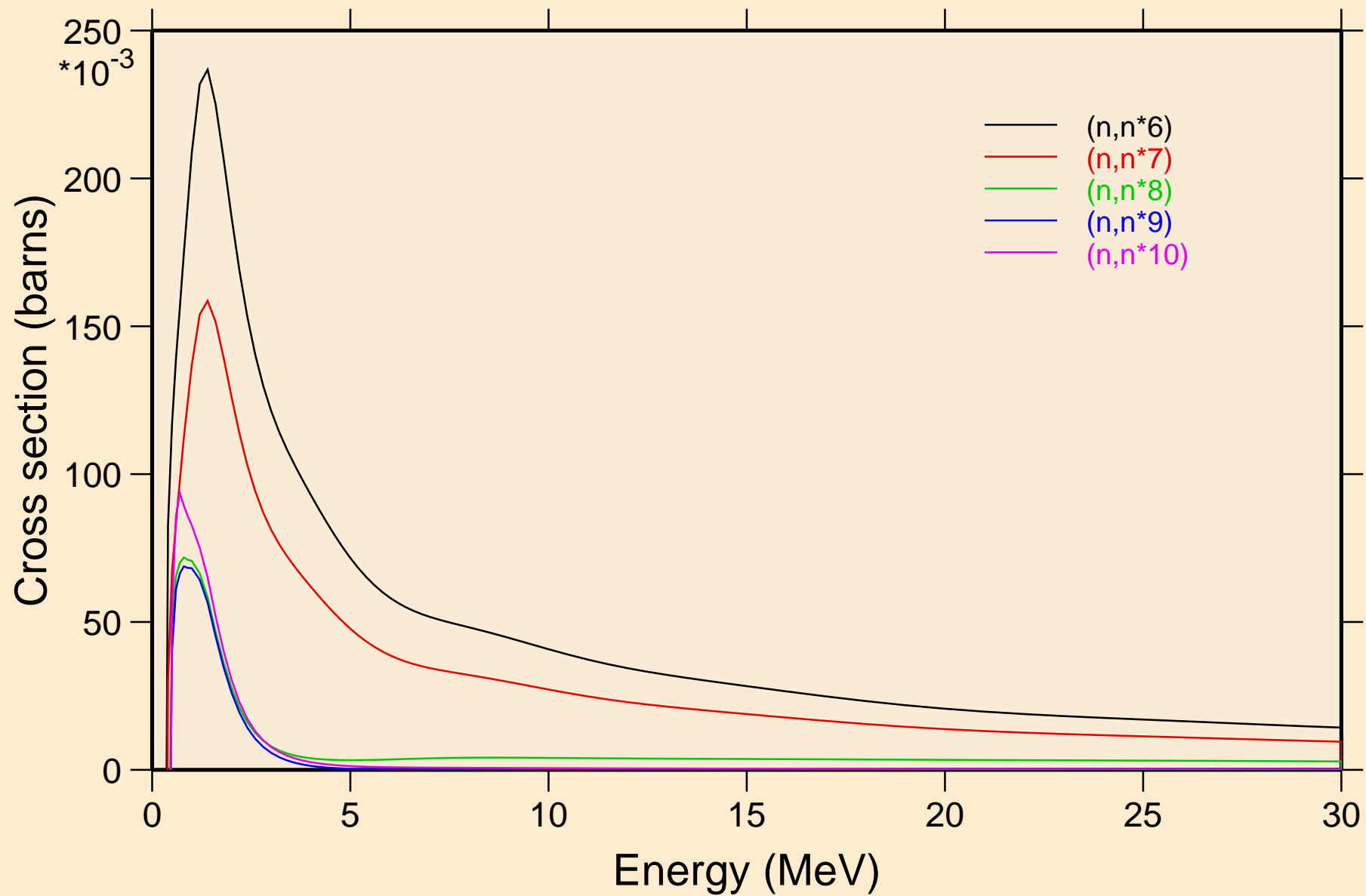
# PR147 NRG TENDL-2015, AKONING

## Inelastic levels



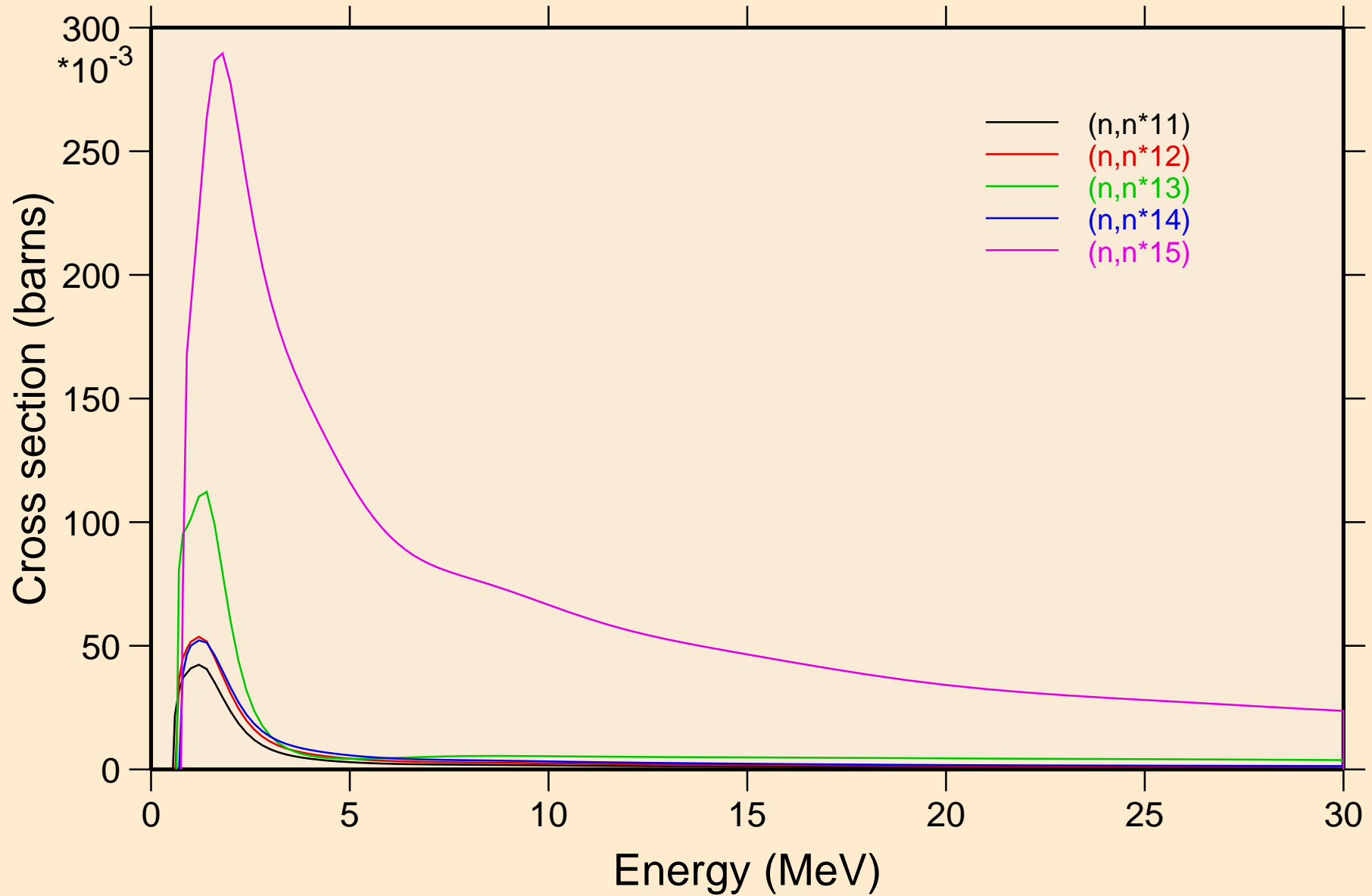
# PR147 NRG TENDL-2015, AKONING

## Inelastic levels



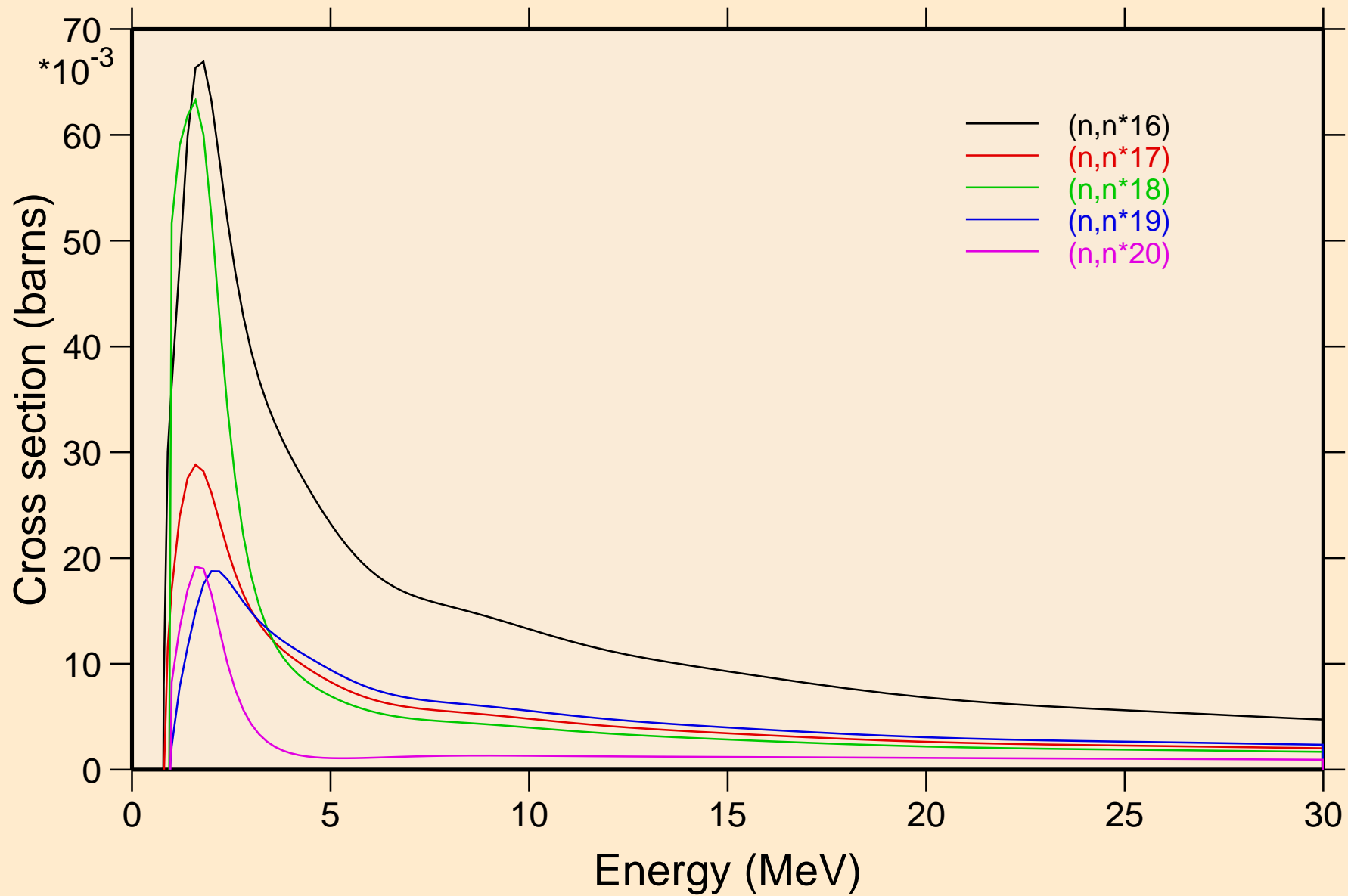
# PR147 NRG TENDL-2015, AKONING

## Inelastic levels



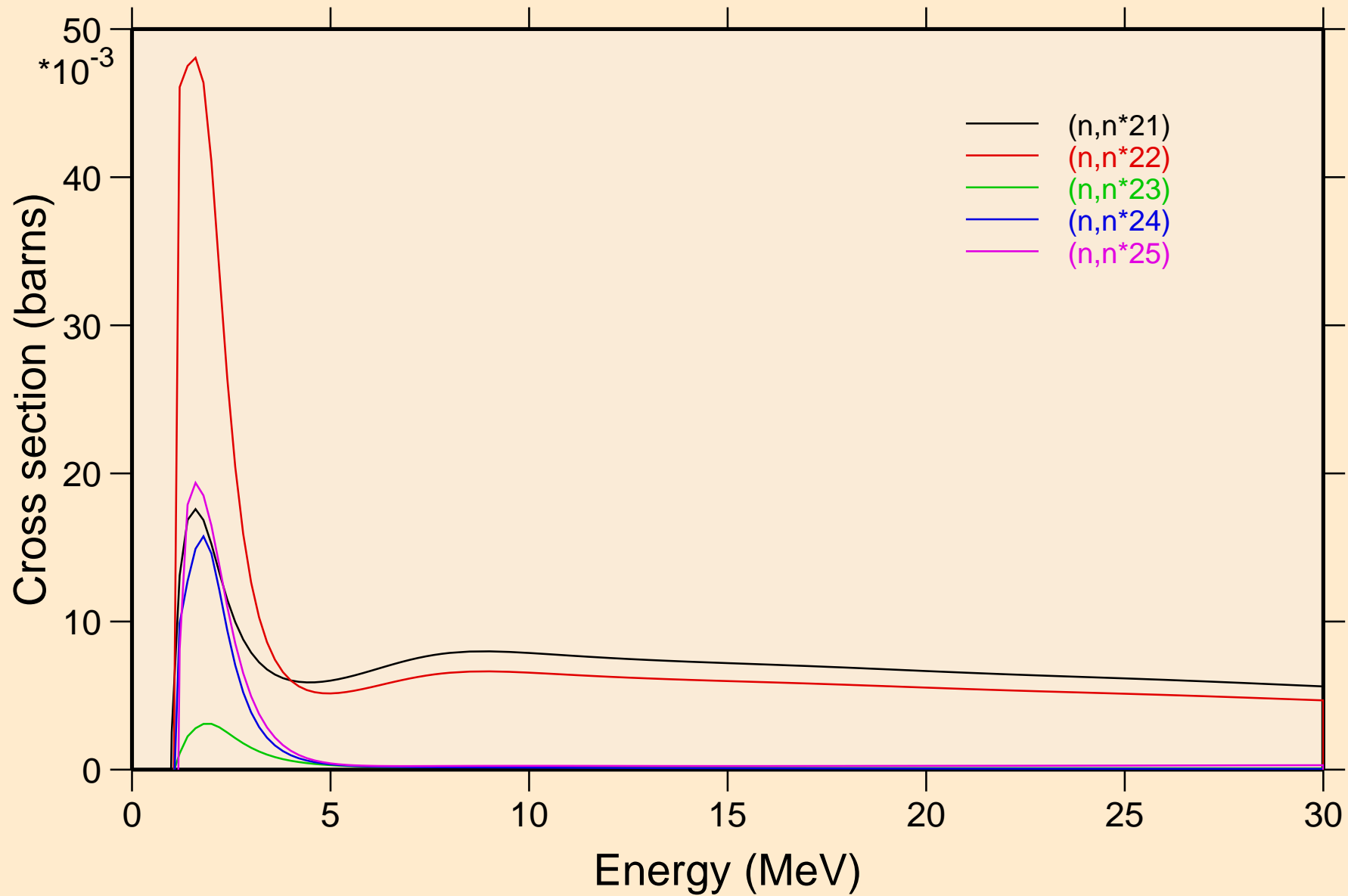
# PR147 NRG TENDL-2015, AKONING

## Inelastic levels



# PR147 NRG TENDL-2015, AKONING

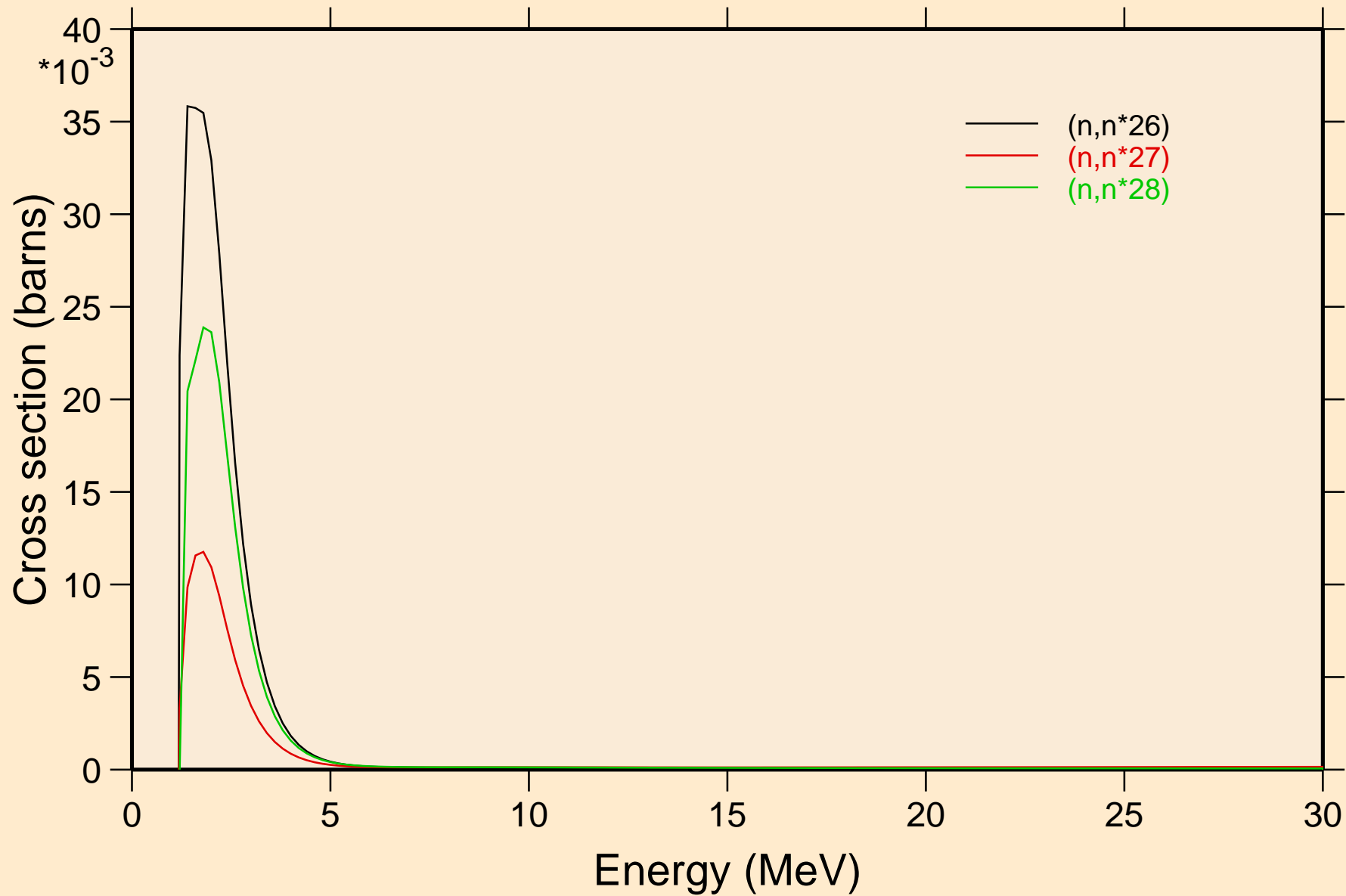
## Inelastic levels





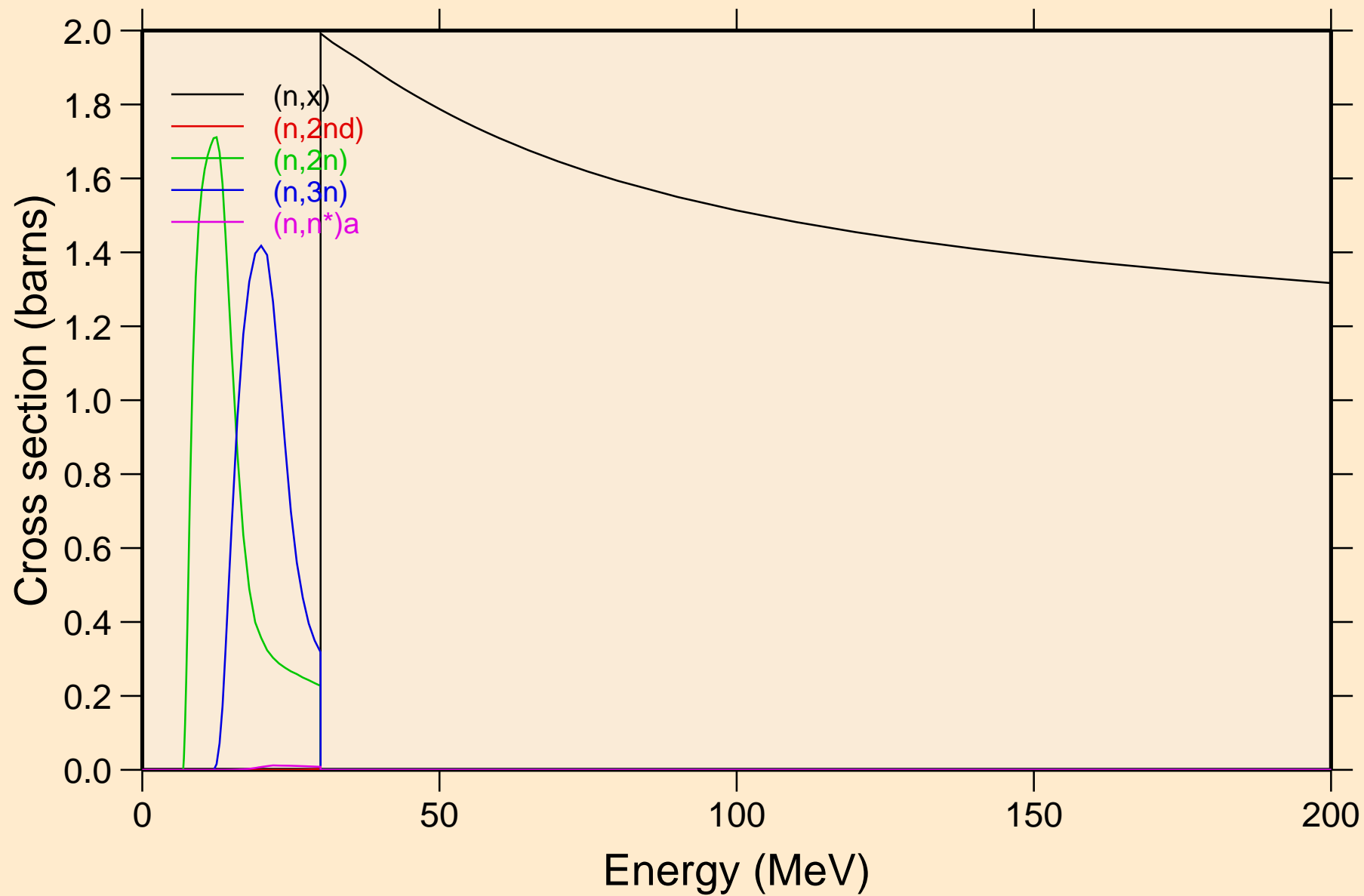
# PR147 NRG TENDL-2015, AKONING

## Inelastic levels



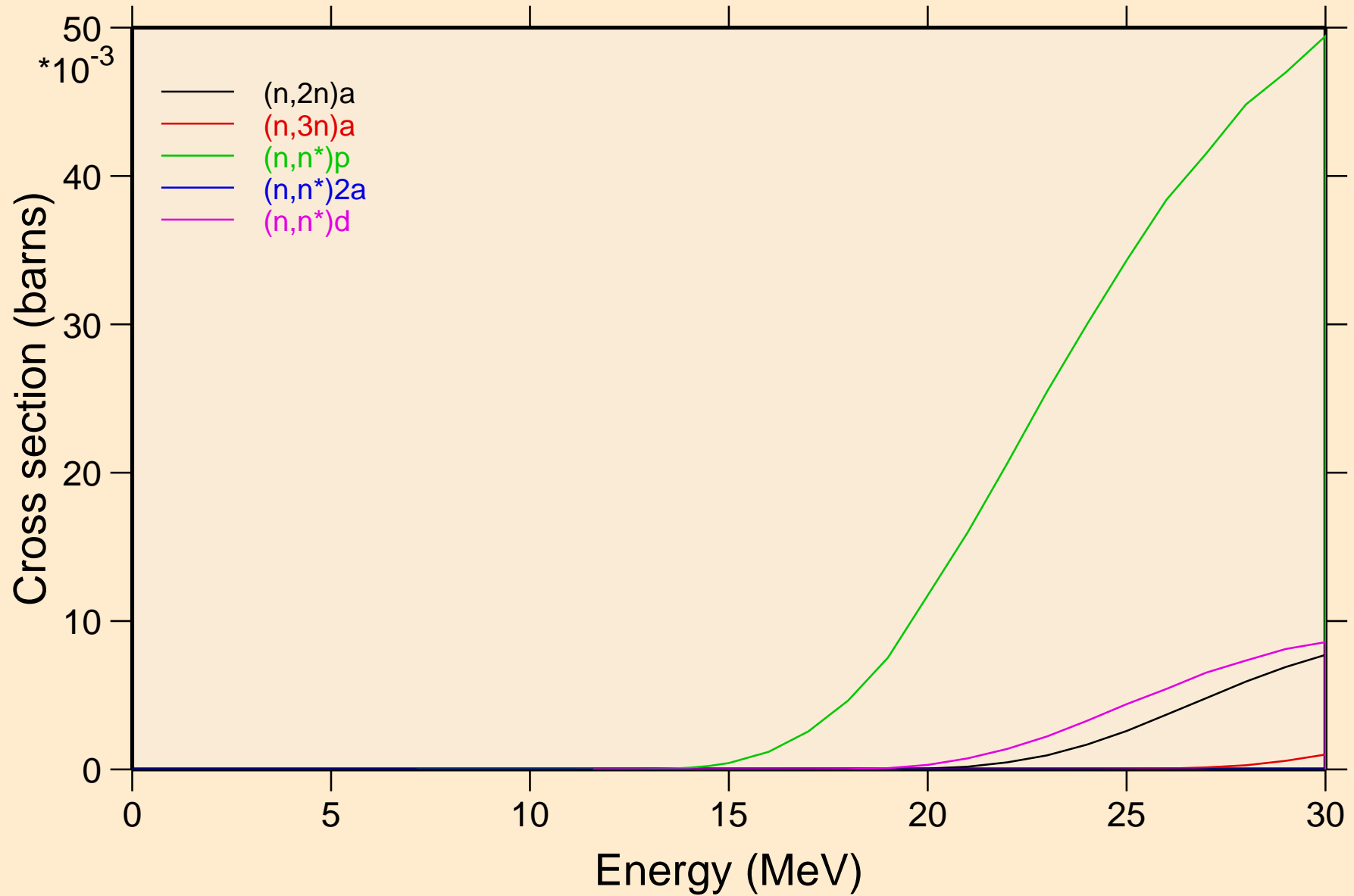
# PR147 NRG TENDL-2015, AKONING

## Threshold reactions

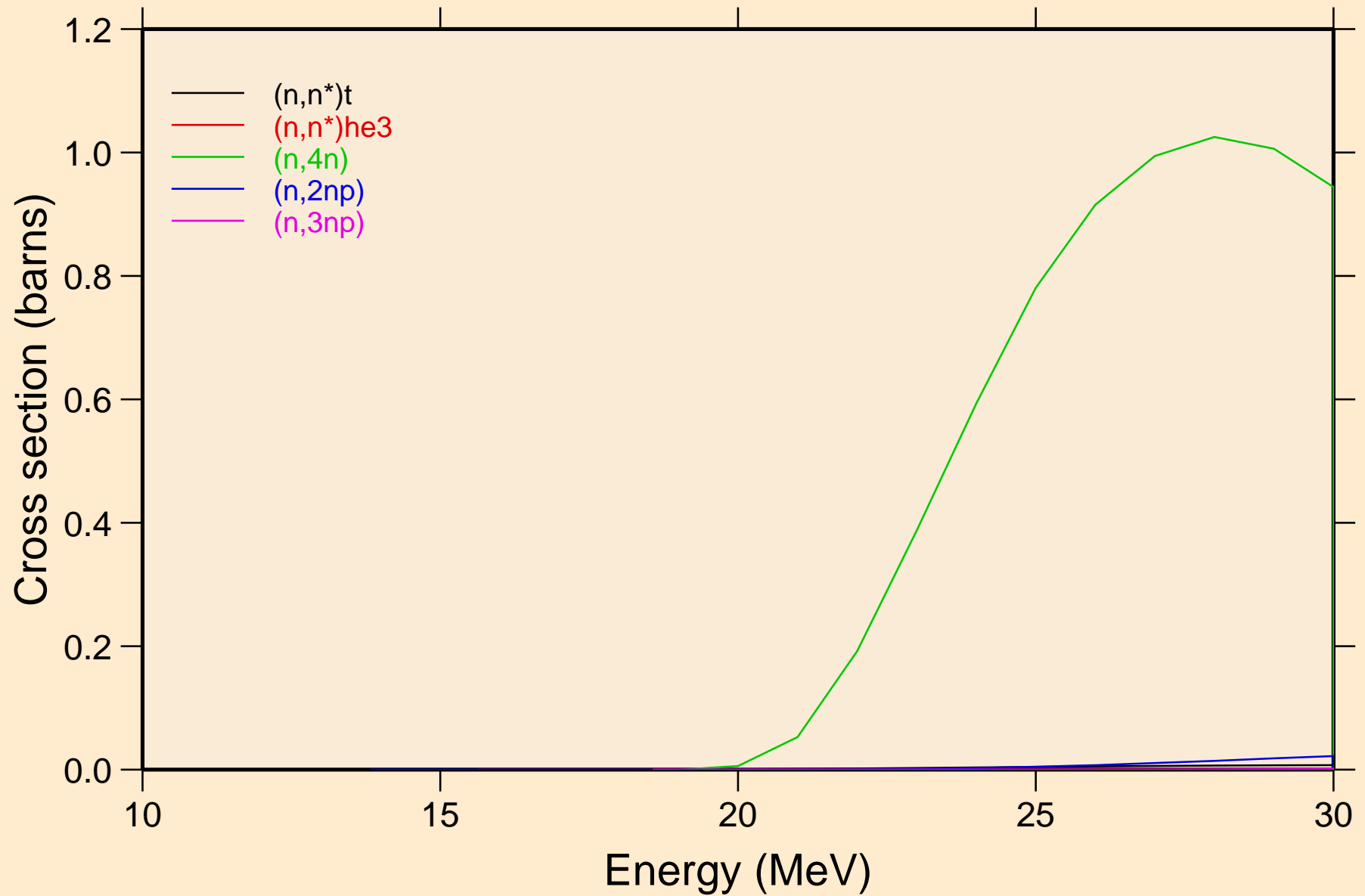


# PR147 NRG TENDL-2015, AKONING

## Threshold reactions

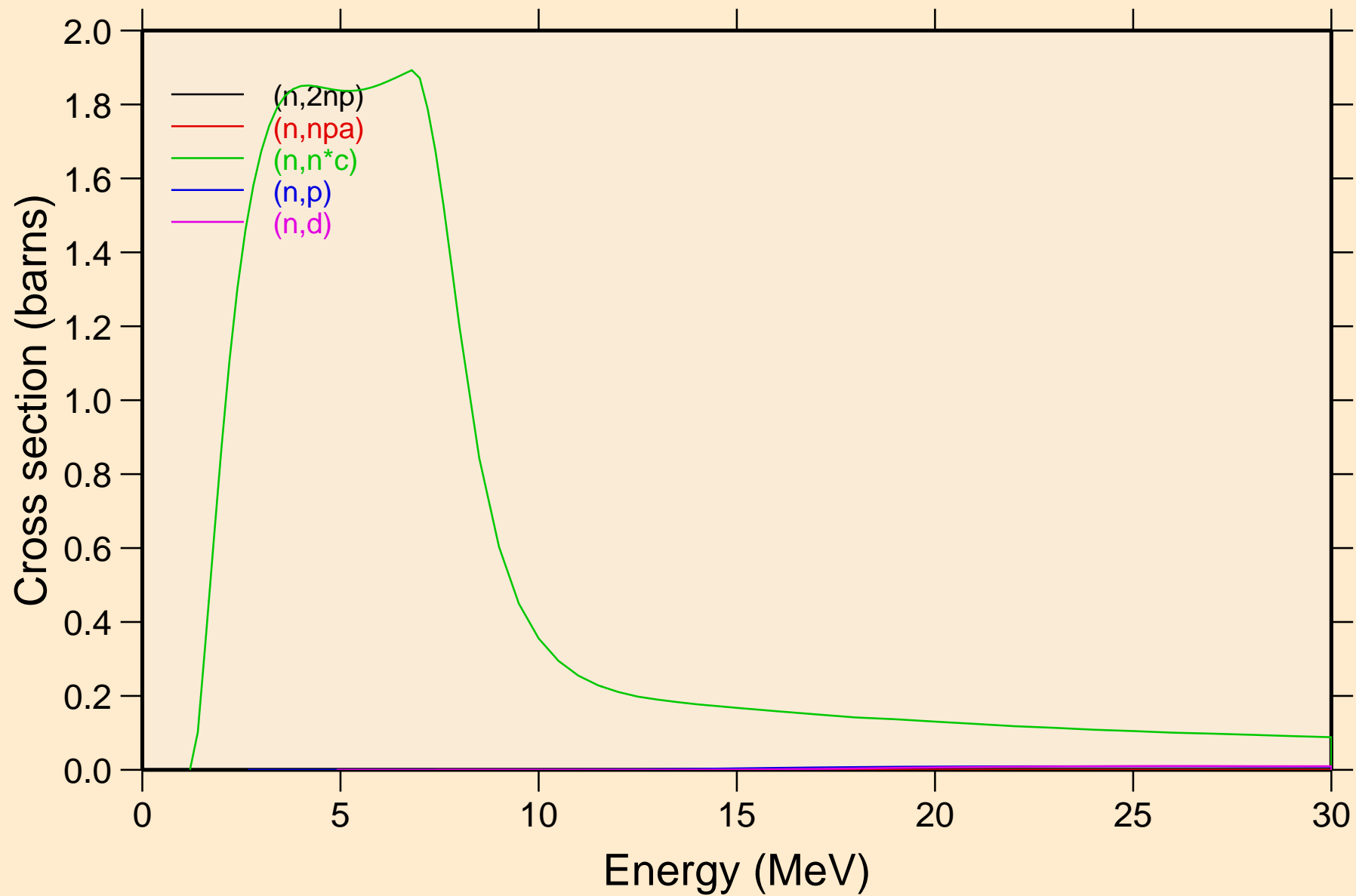


PR147 NRG TENDL-2015, AKONING  
Threshold reactions



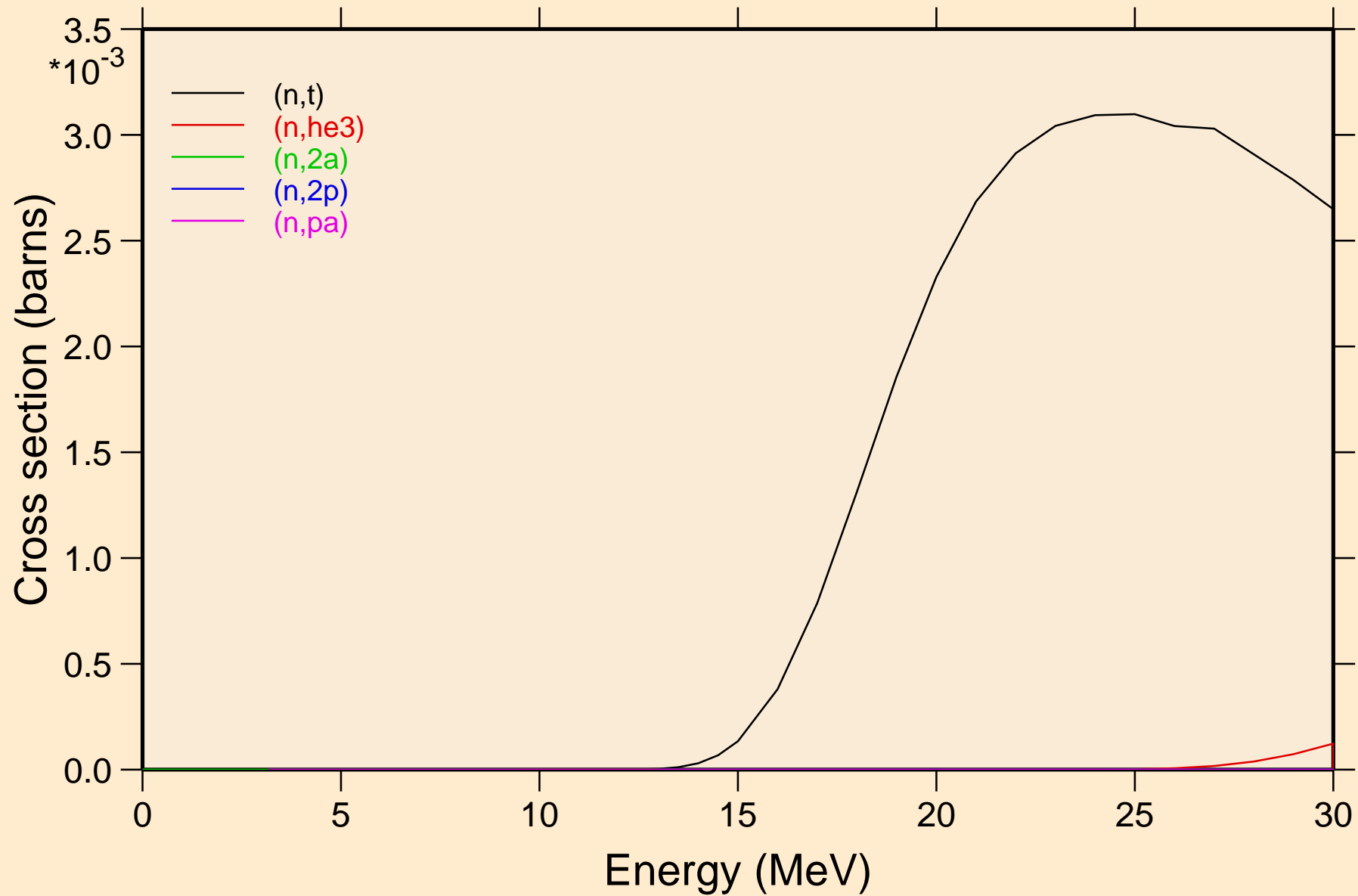
# PR147 NRG TENDL-2015, AKONING

## Threshold reactions



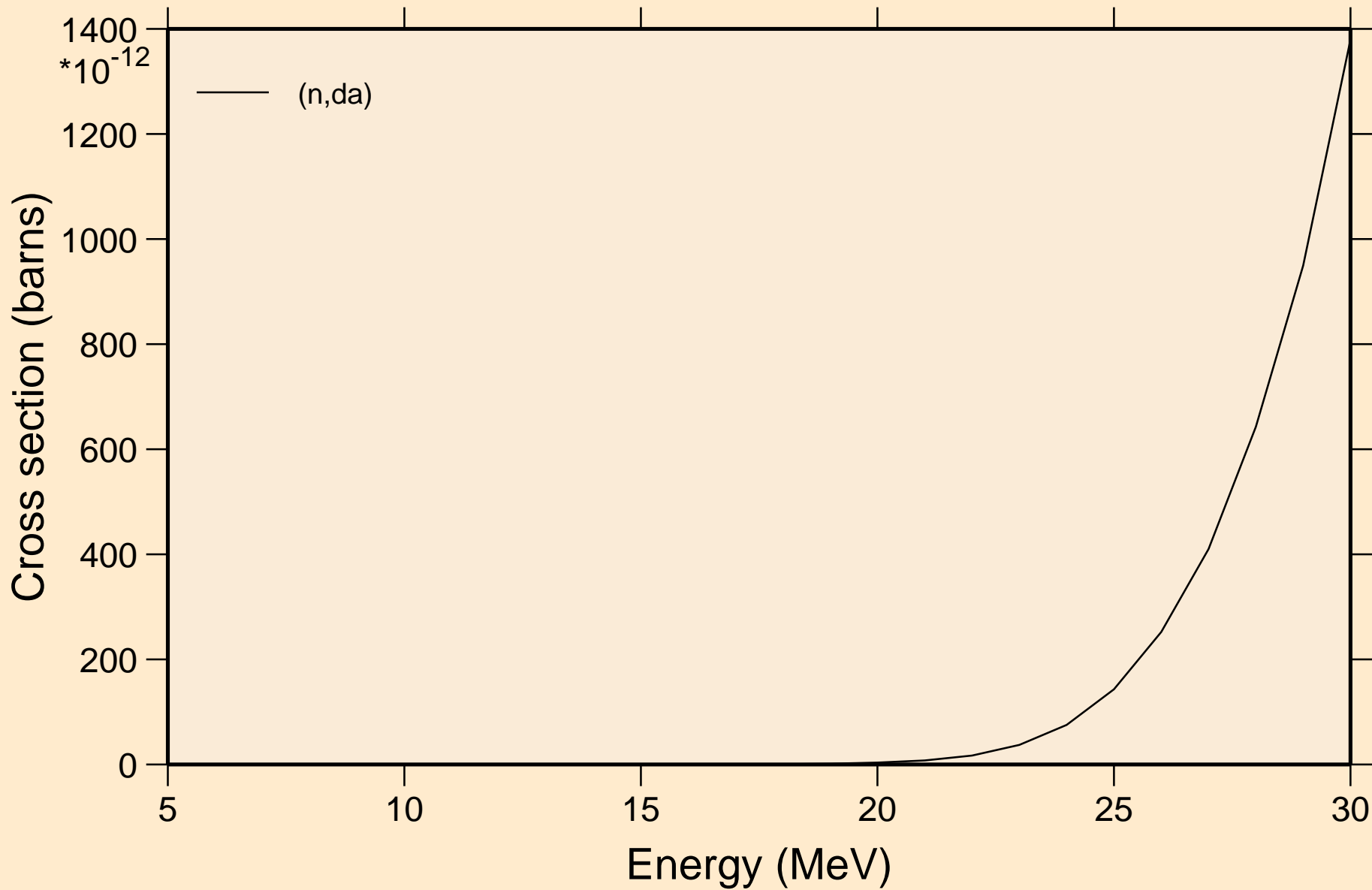
# PR147 NRG TENDL-2015, AKONING

## Threshold reactions

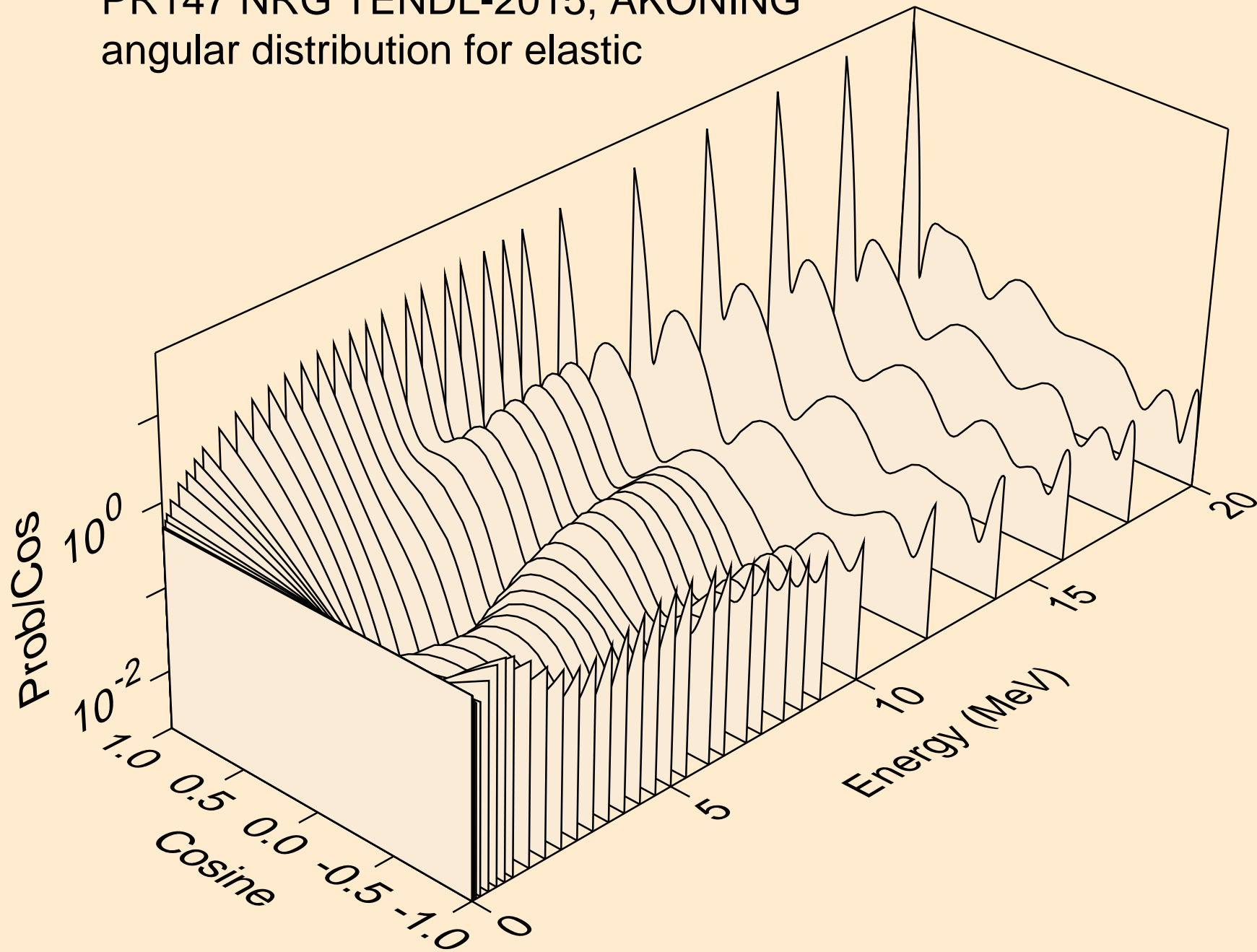


# PR147 NRG TENDL-2015, AKONING

## Threshold reactions

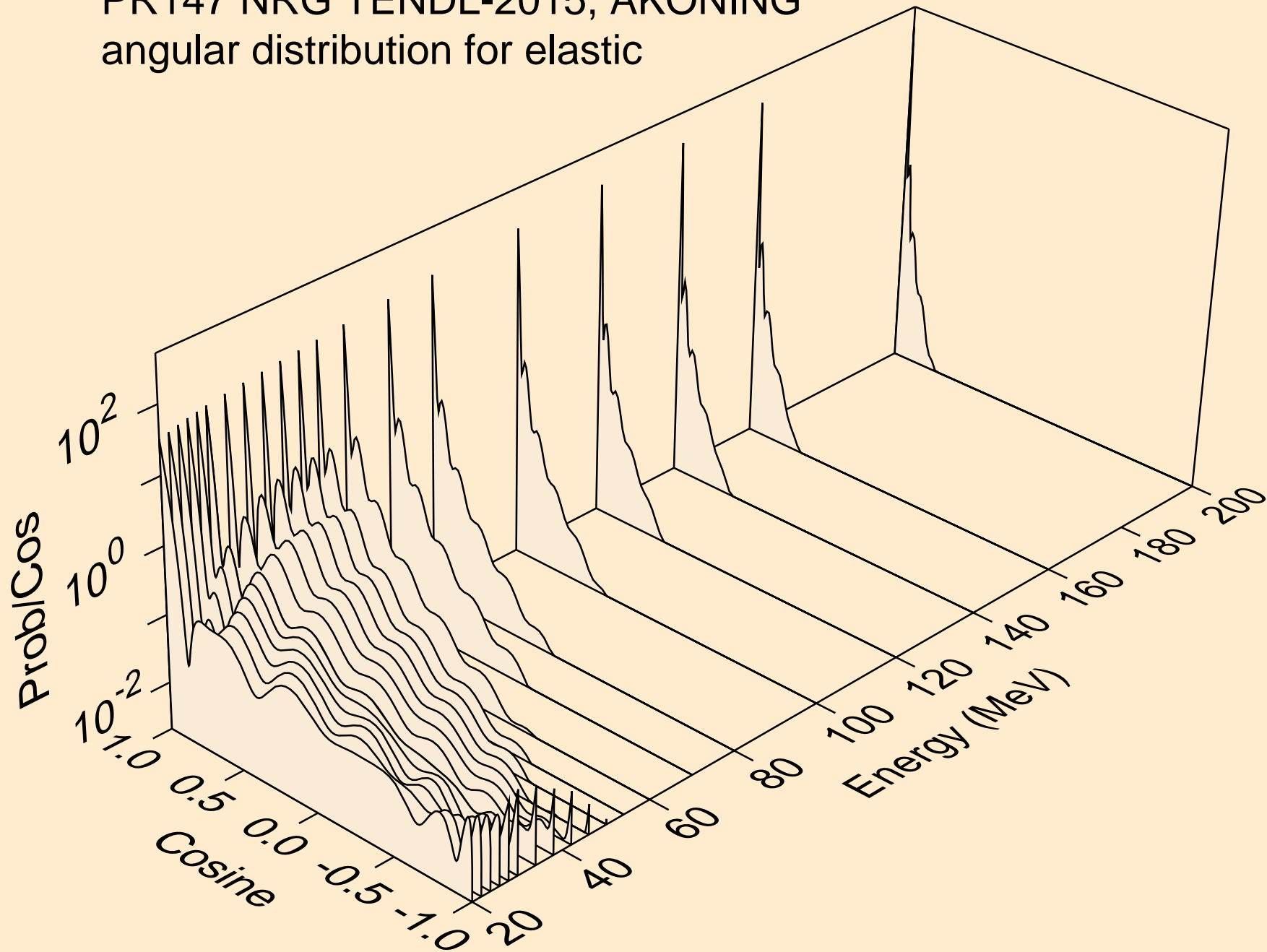


PR147 NRG TENDL-2015, AKONING  
angular distribution for elastic

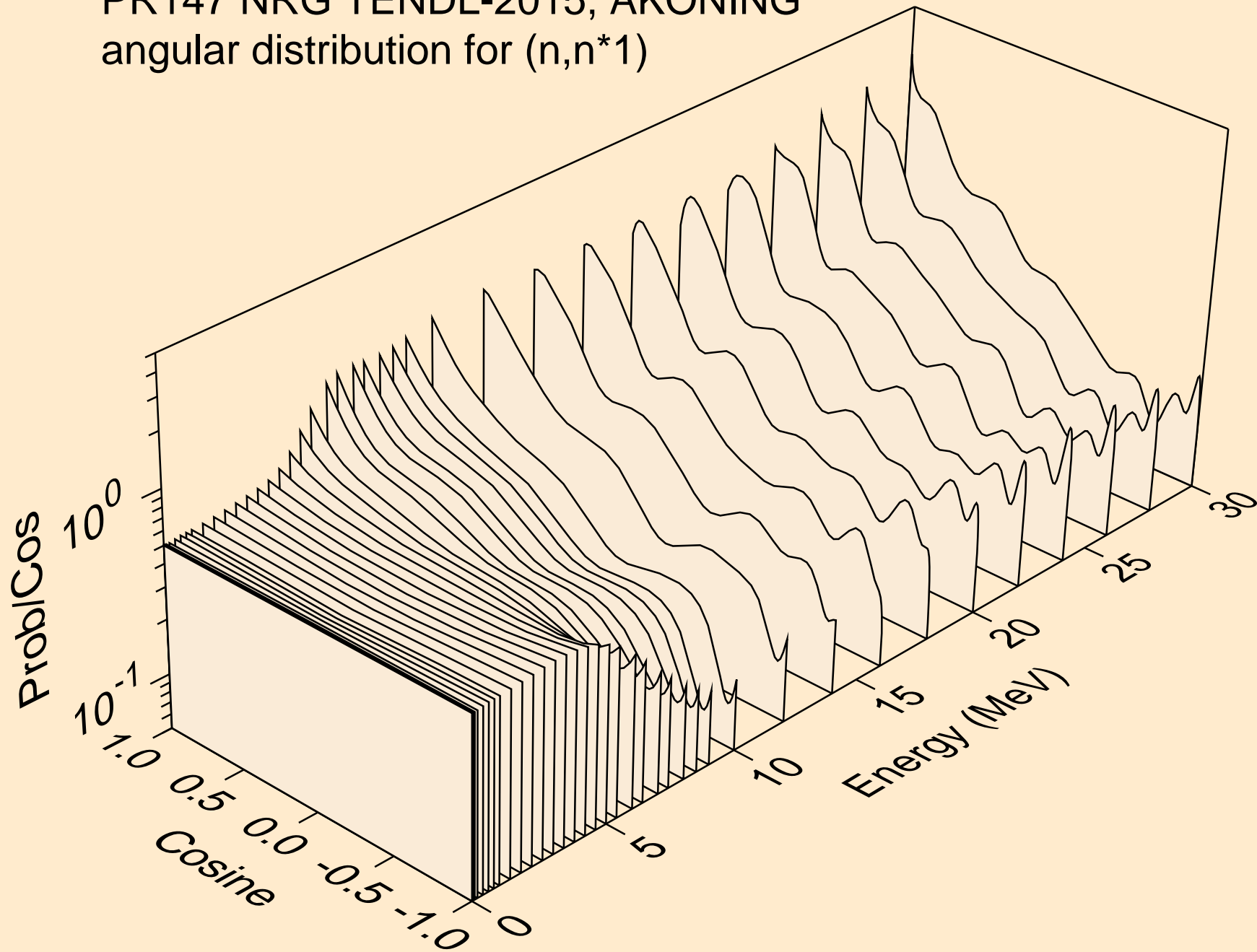




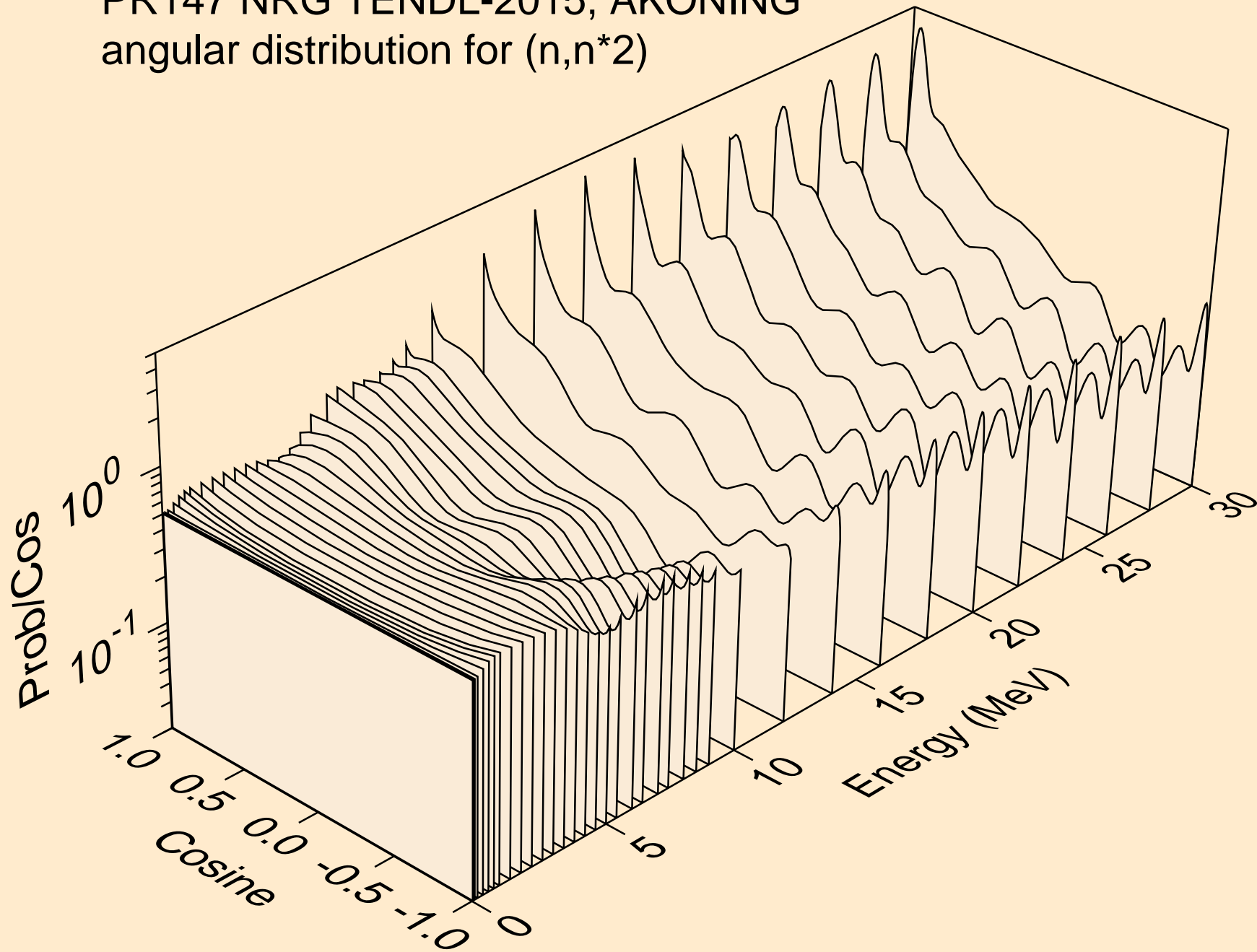
PR147 NRG TENDL-2015, AKONING  
angular distribution for elastic



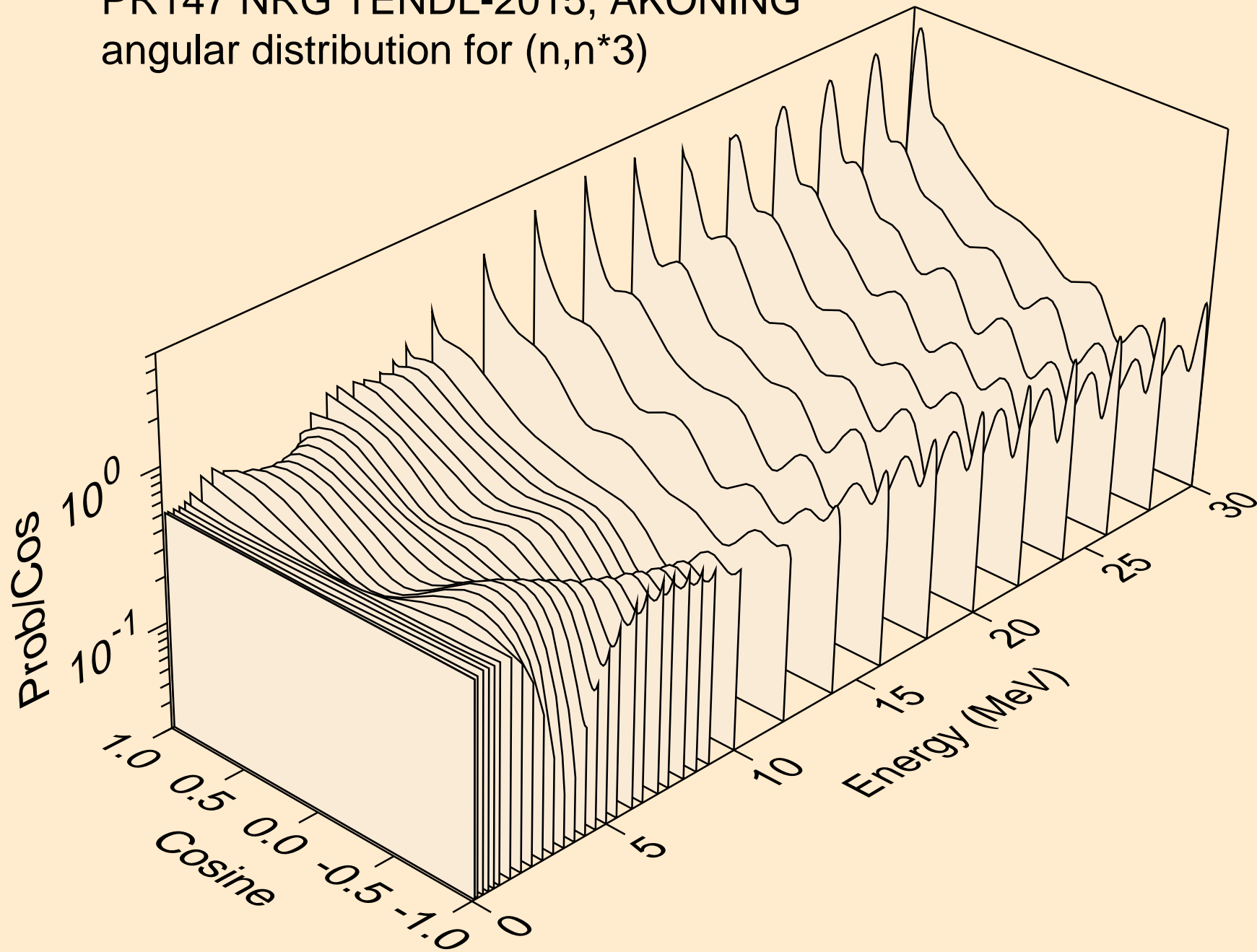
PR147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



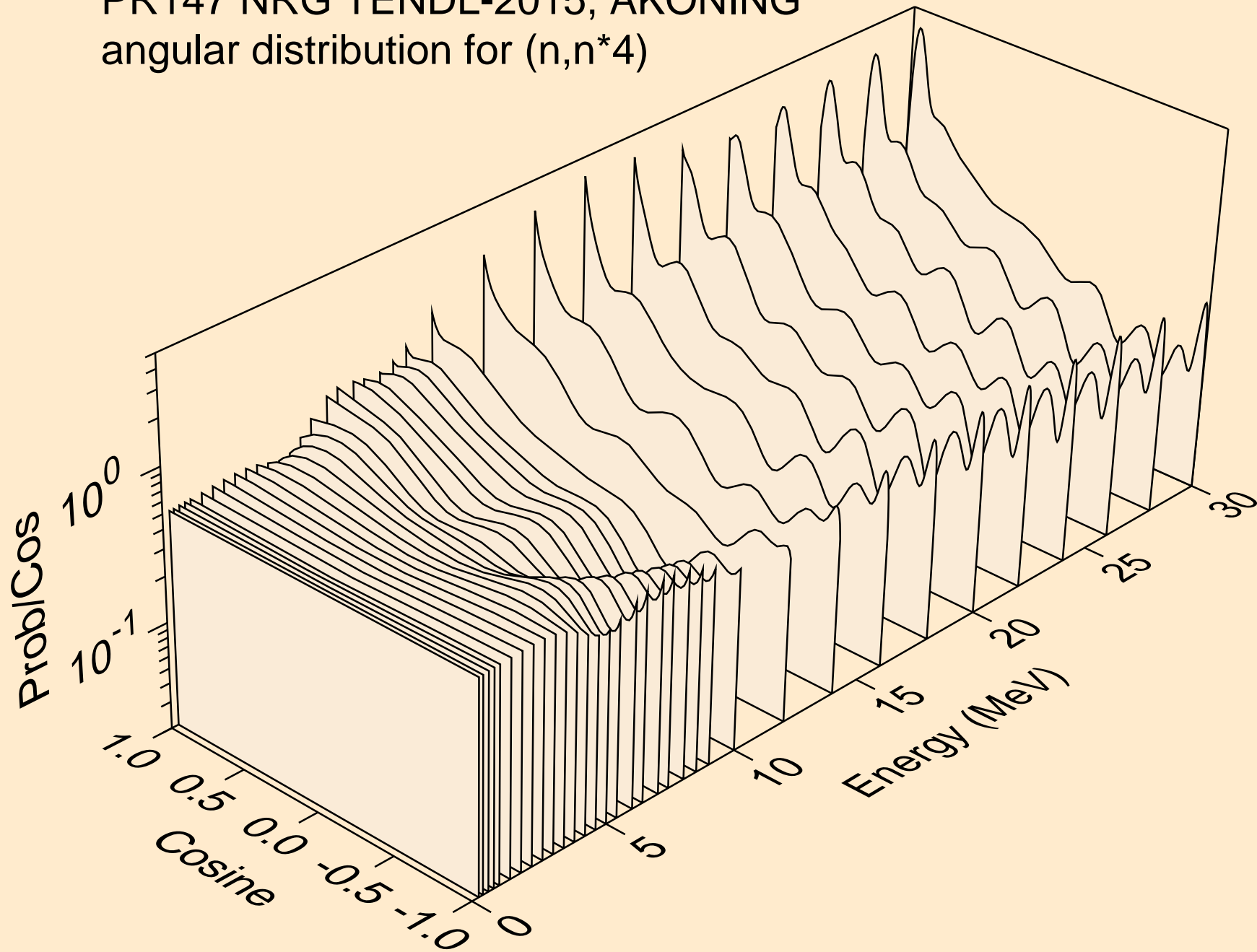
PR147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



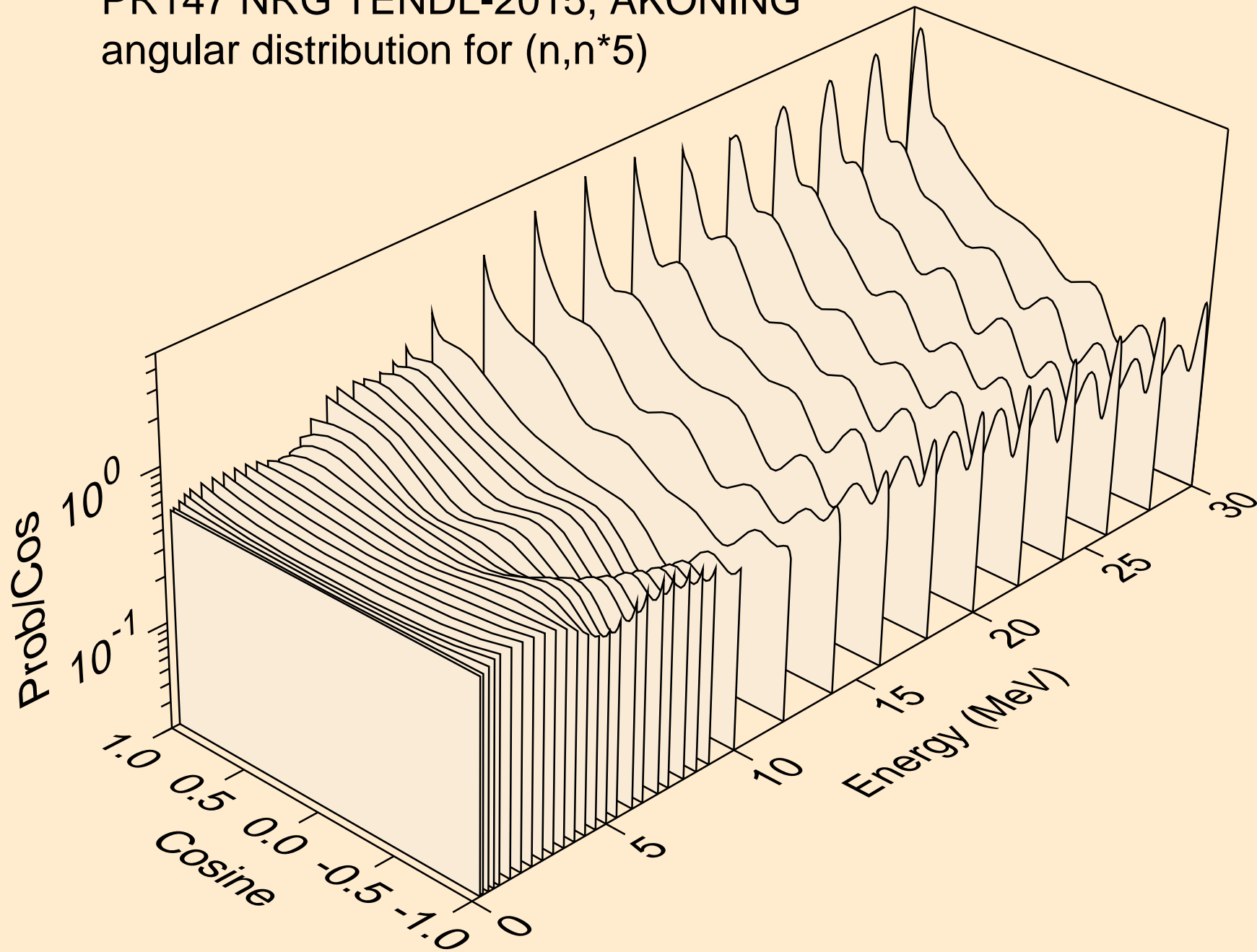
PR147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



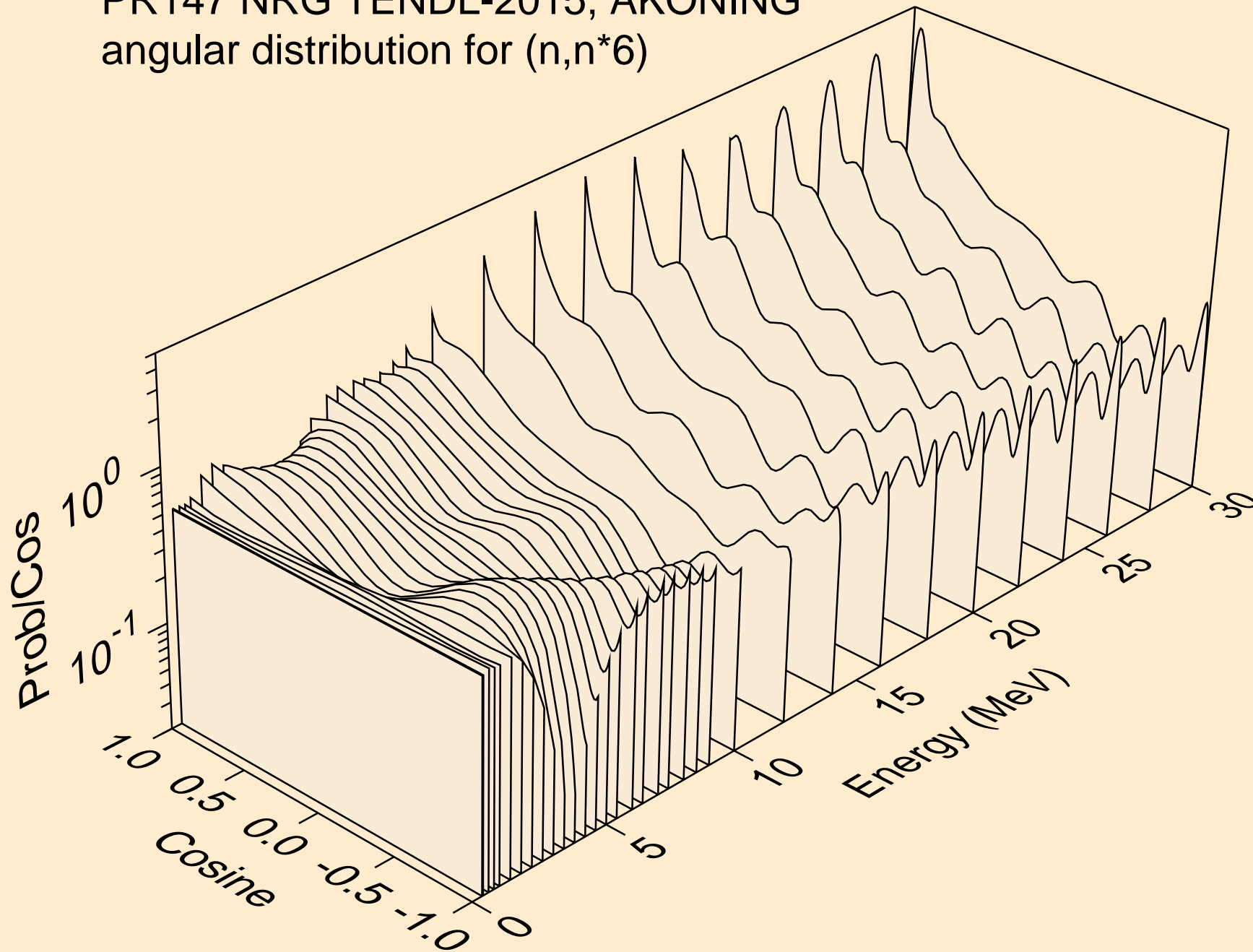
PR147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



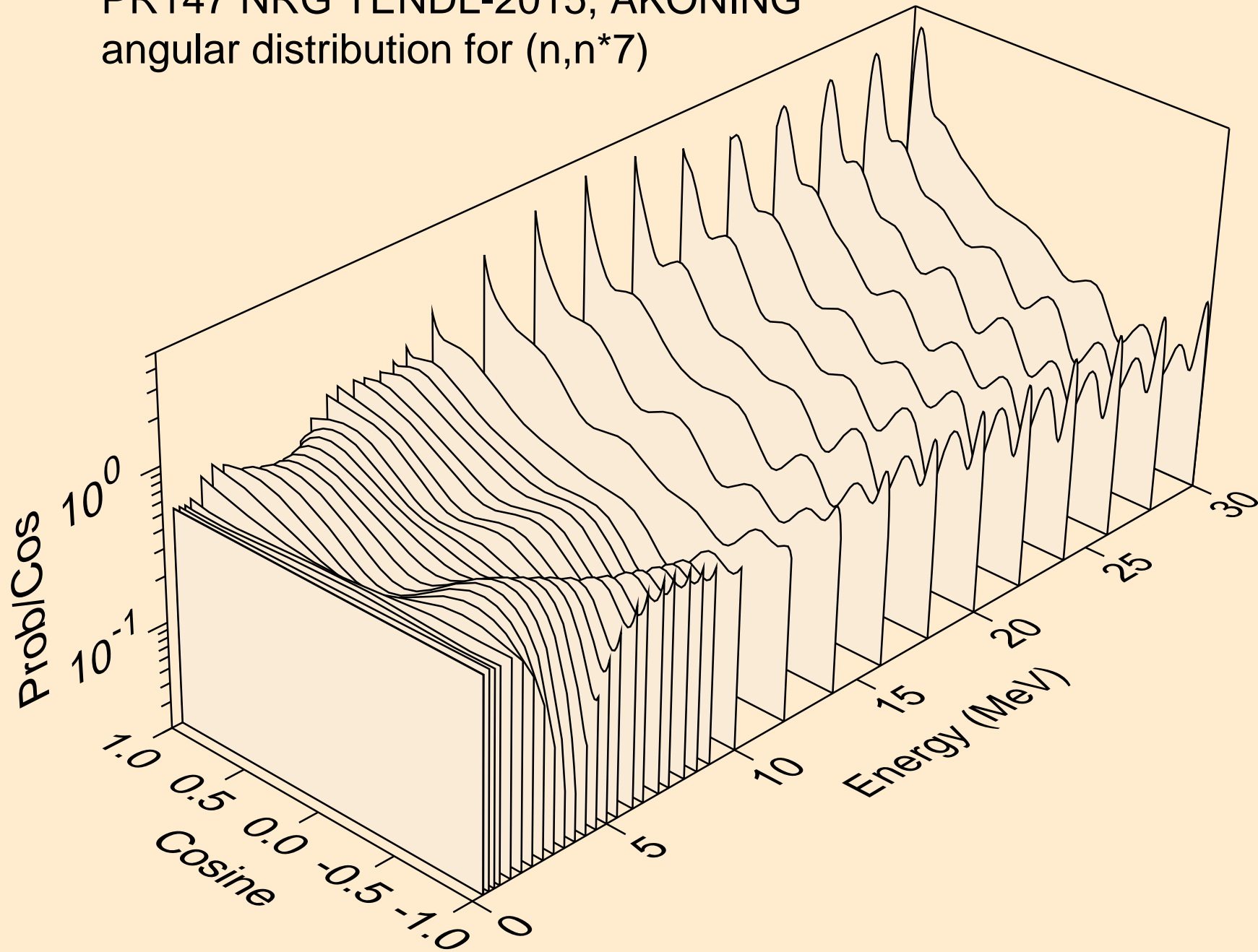
PR147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



PR147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

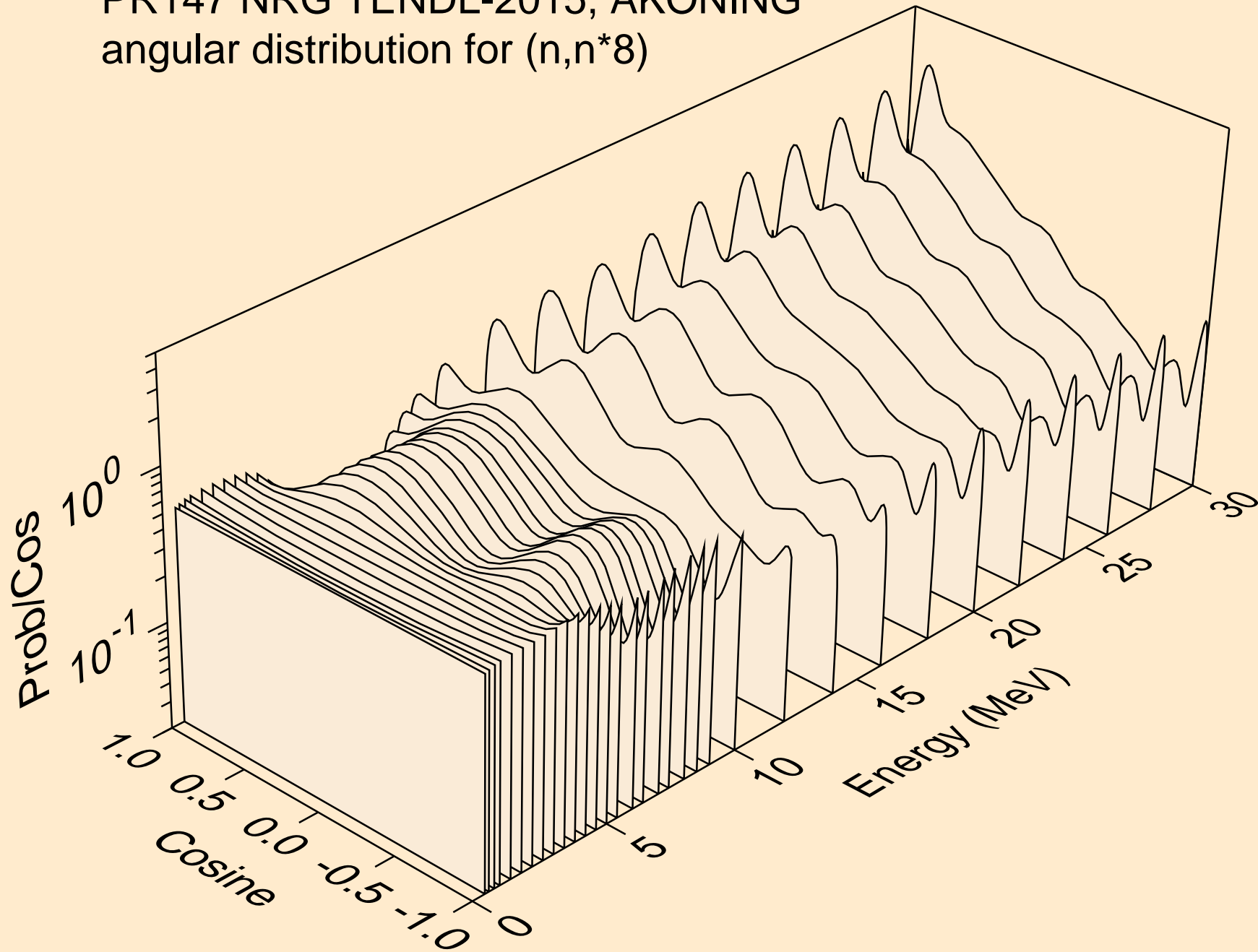


PR147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

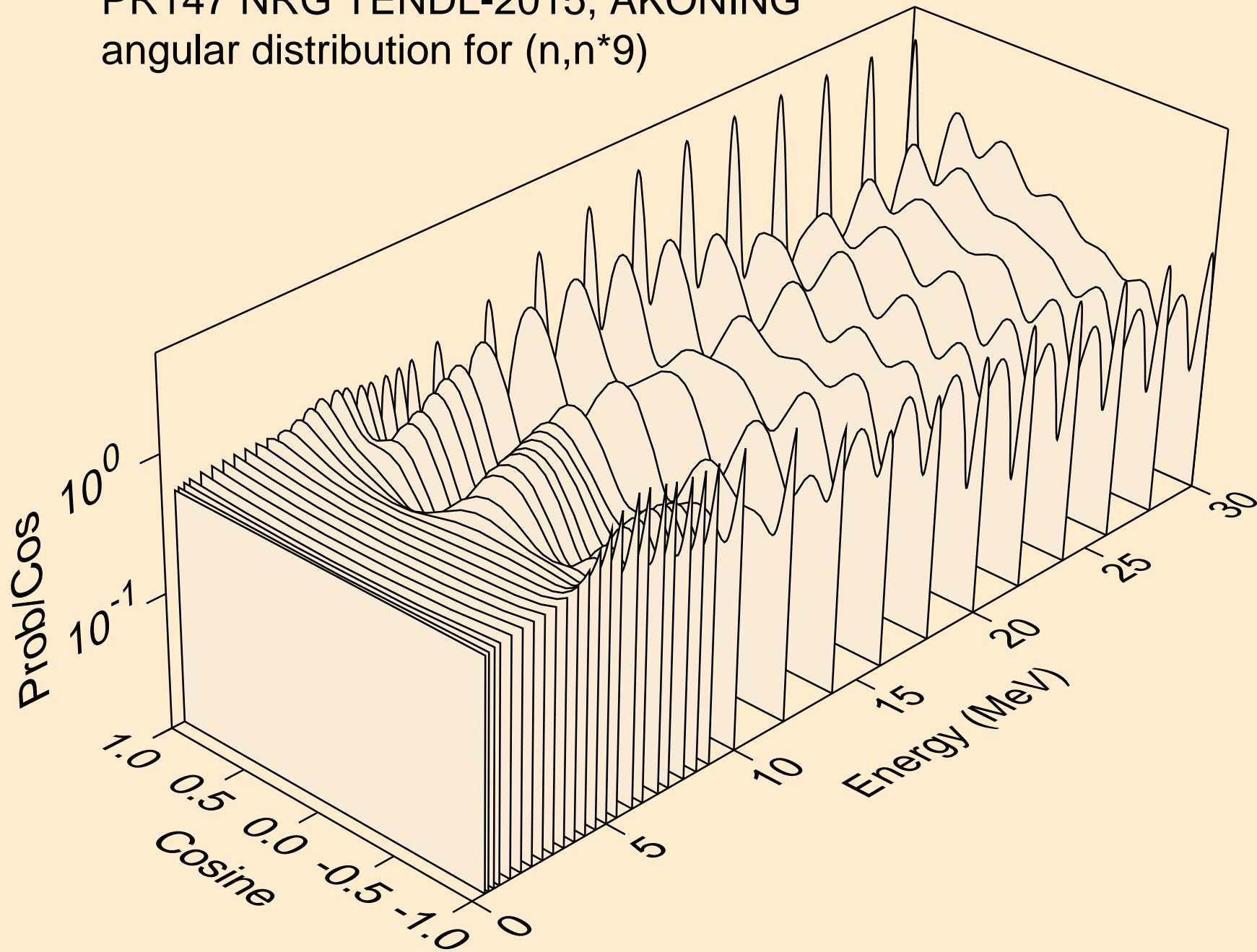




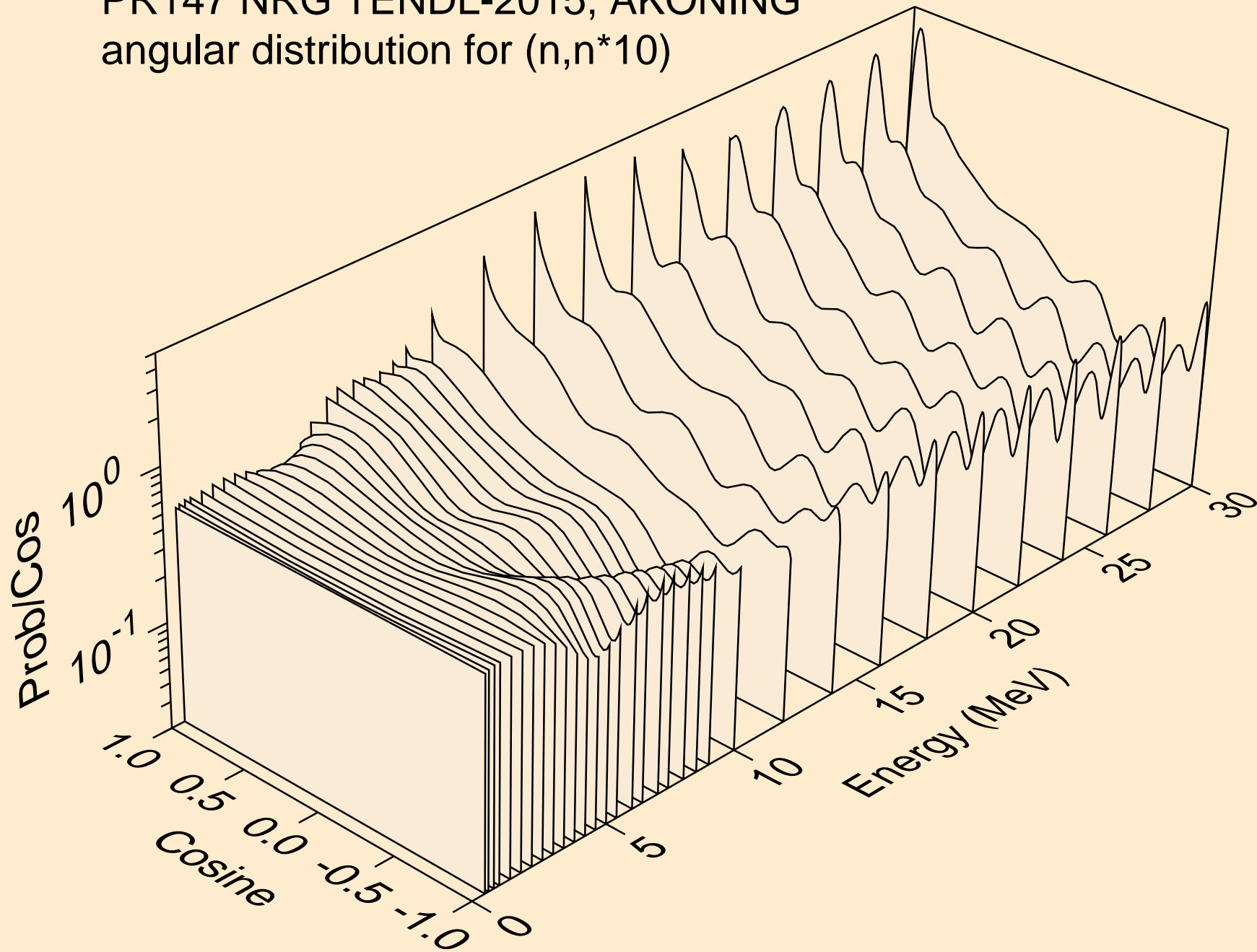
PR147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



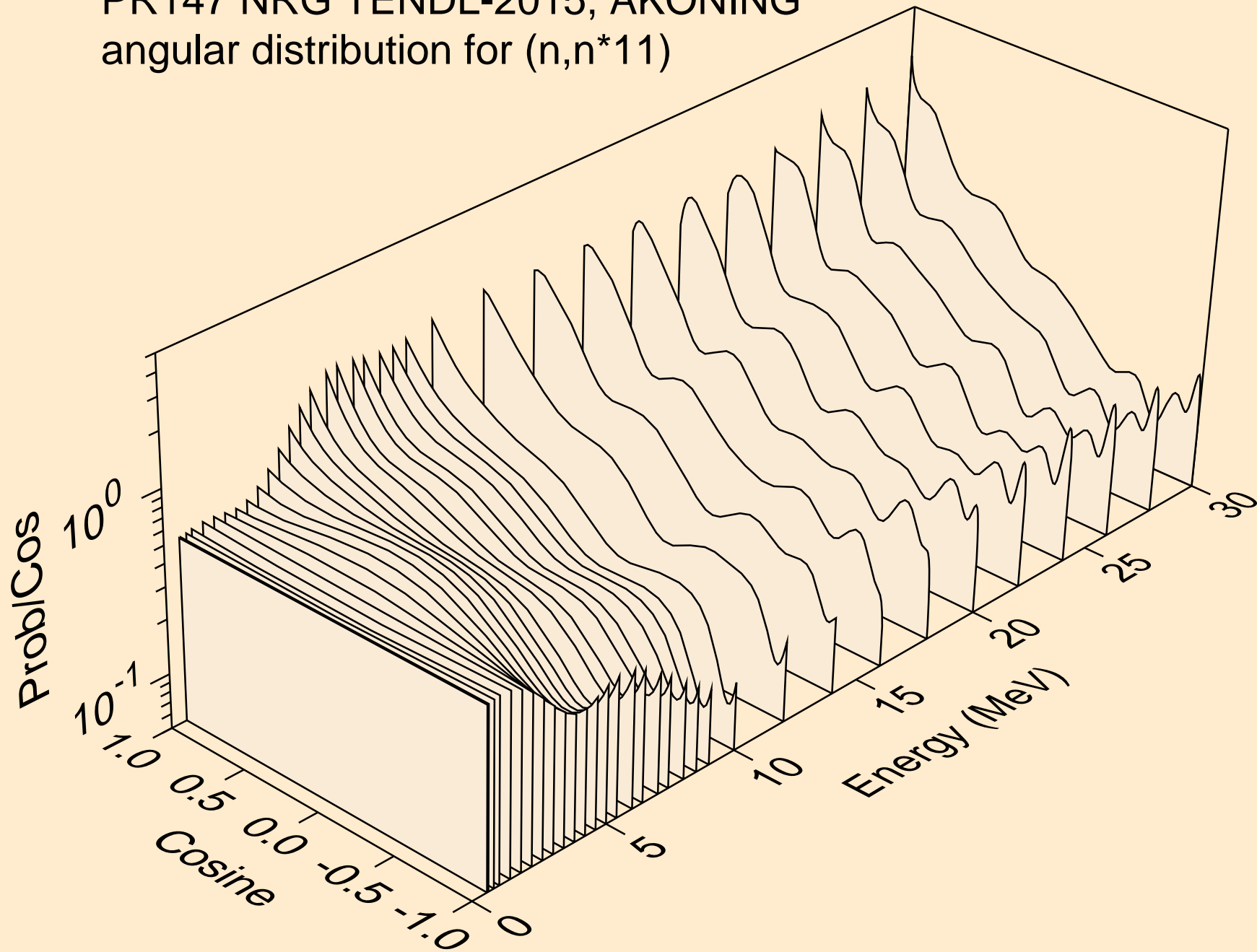
PR147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



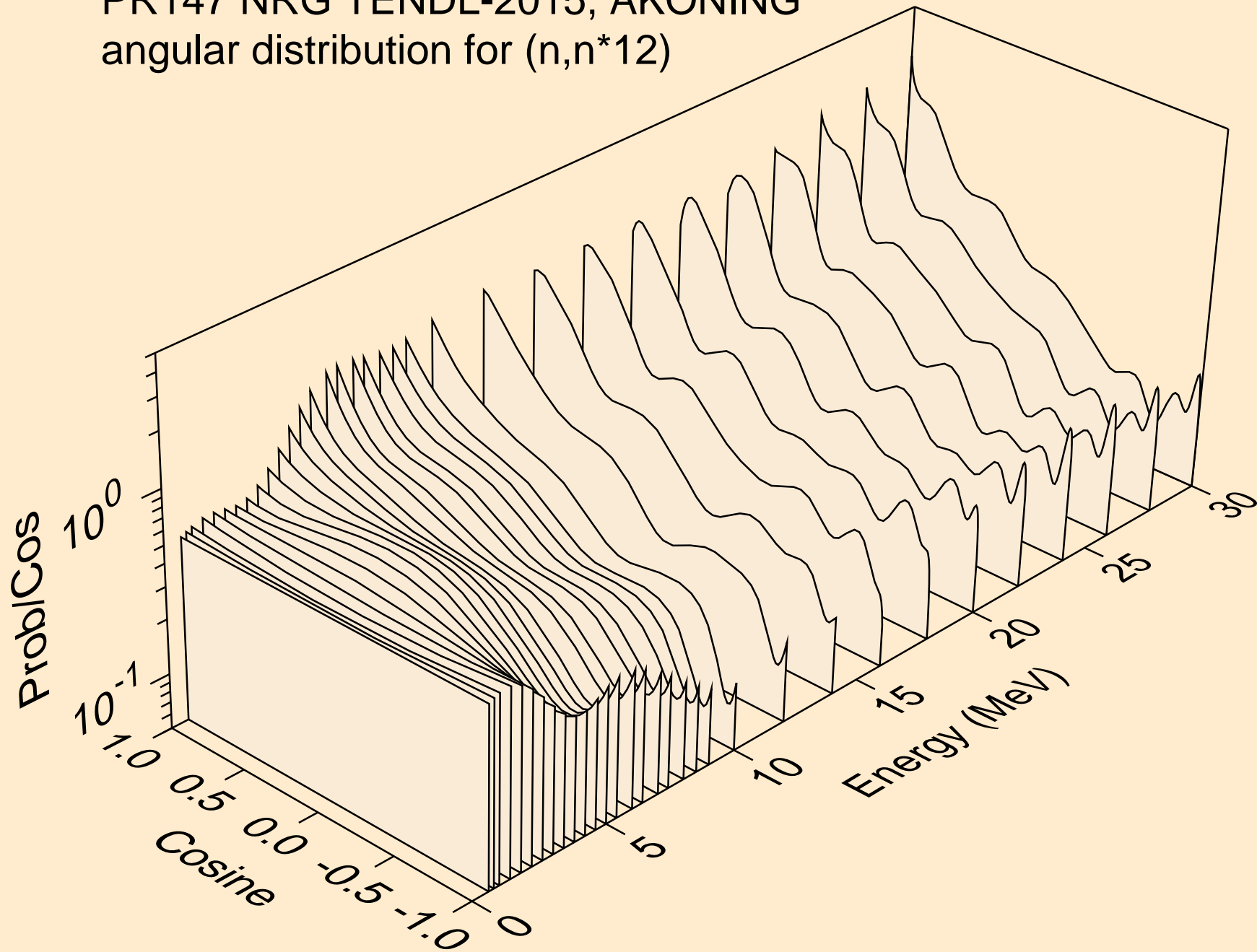
PR147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



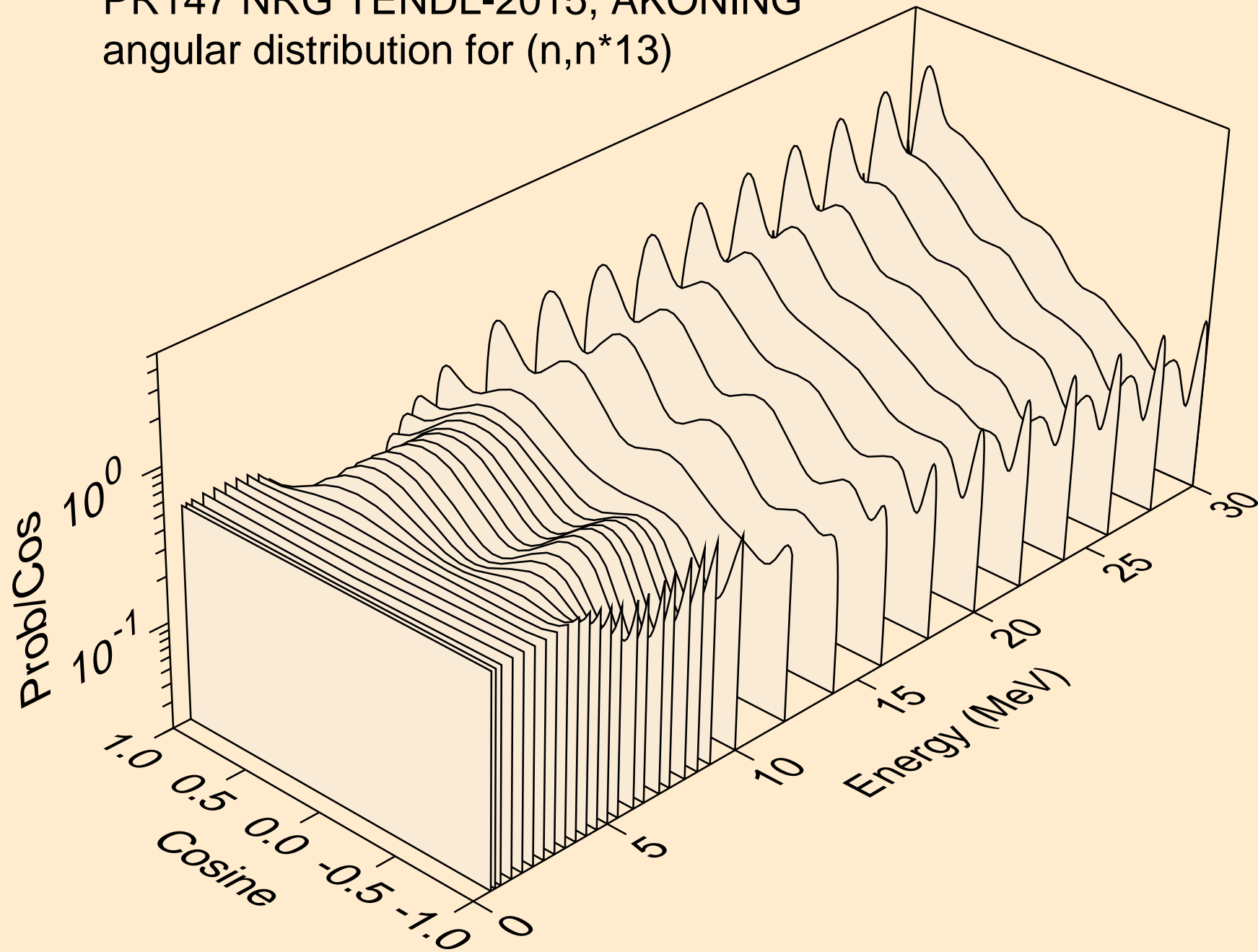
PR147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



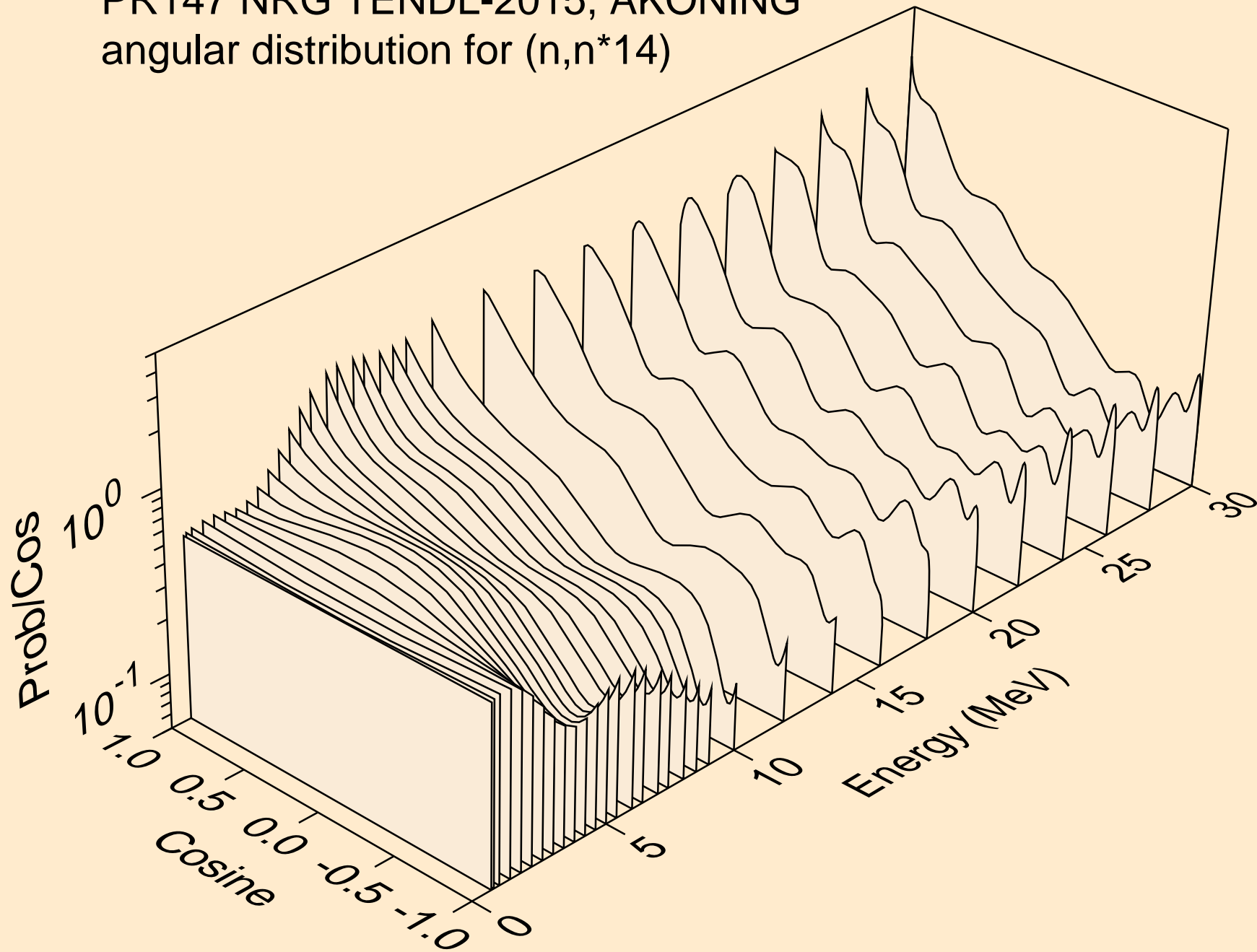
PR147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



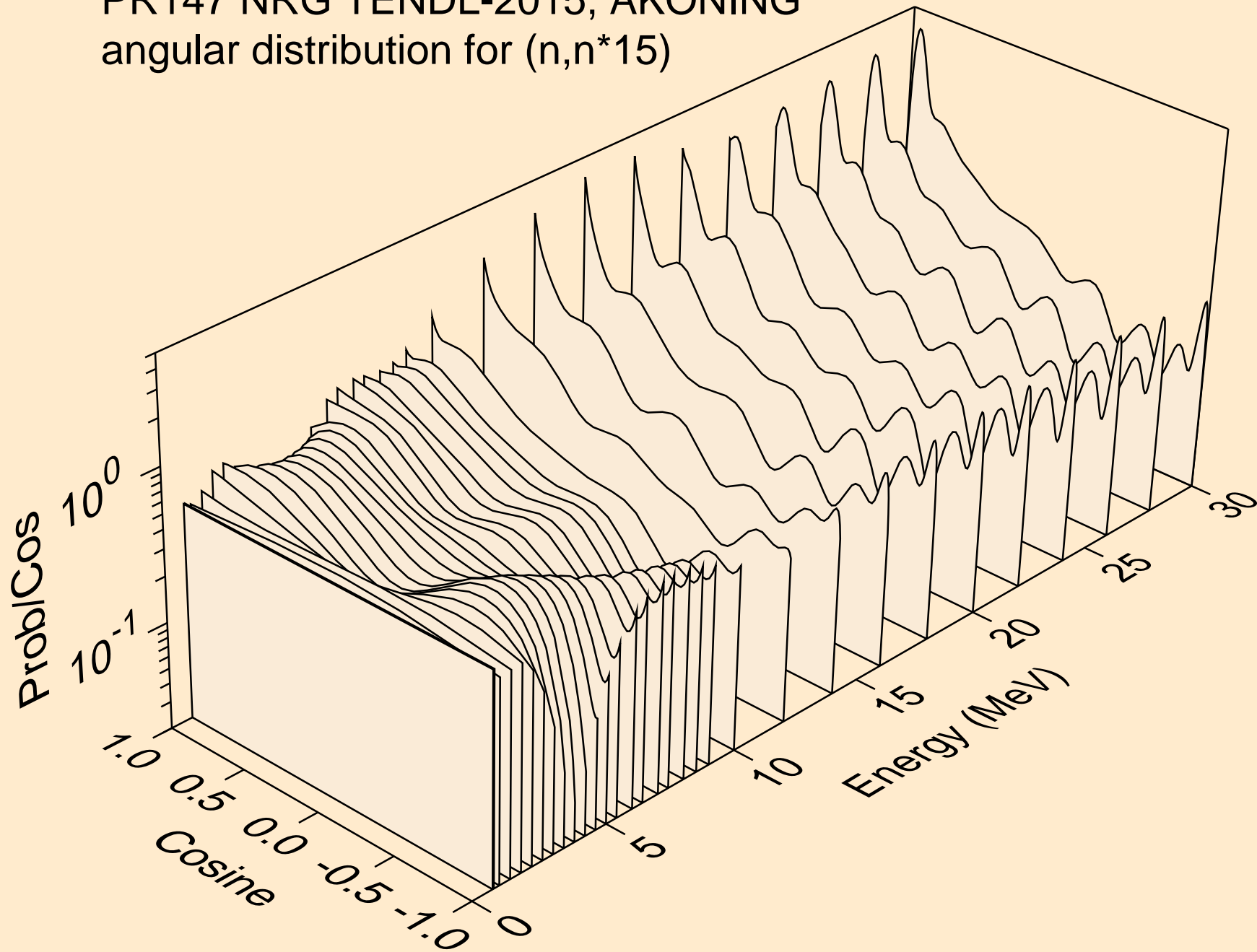
PR147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



PR147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

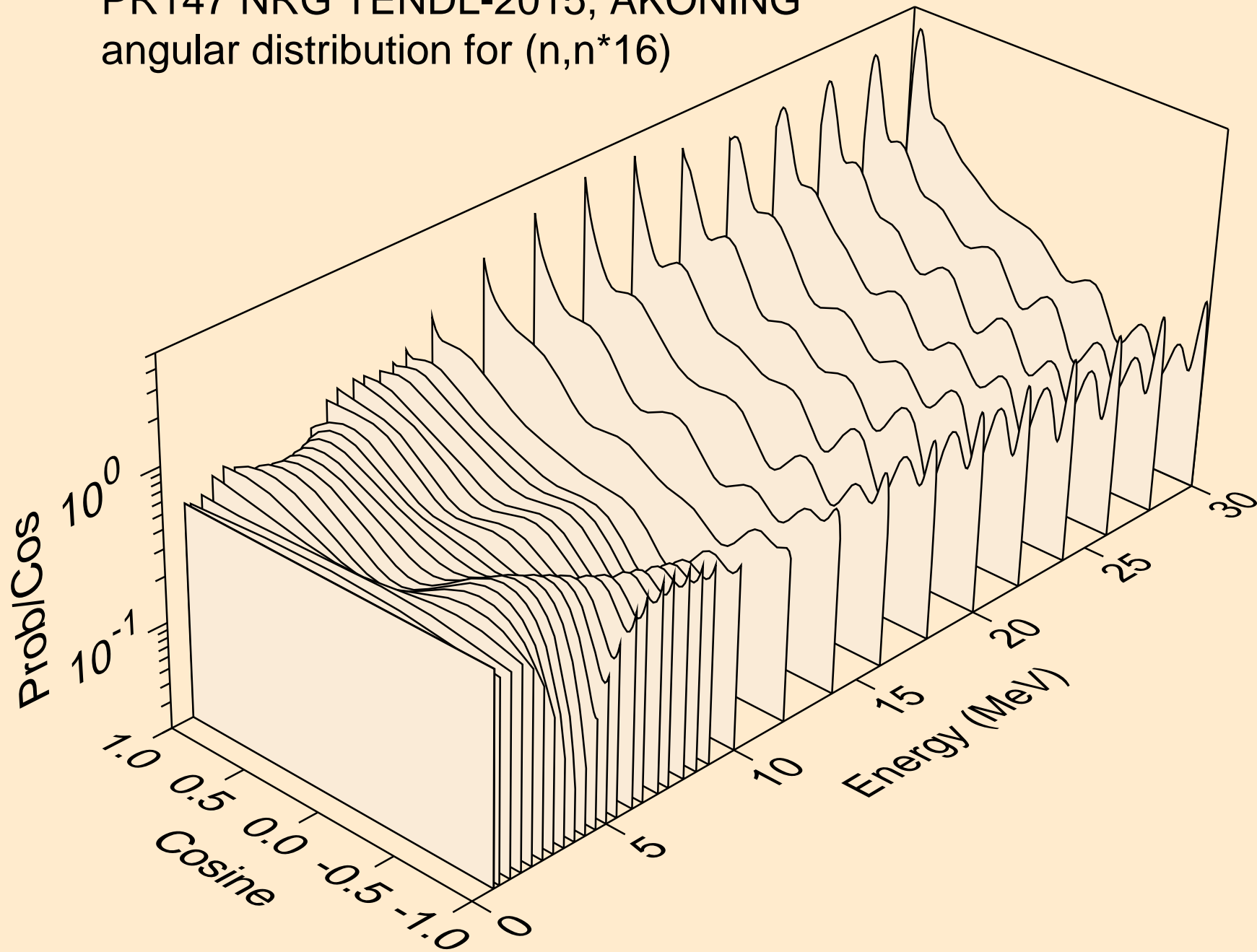


PR147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

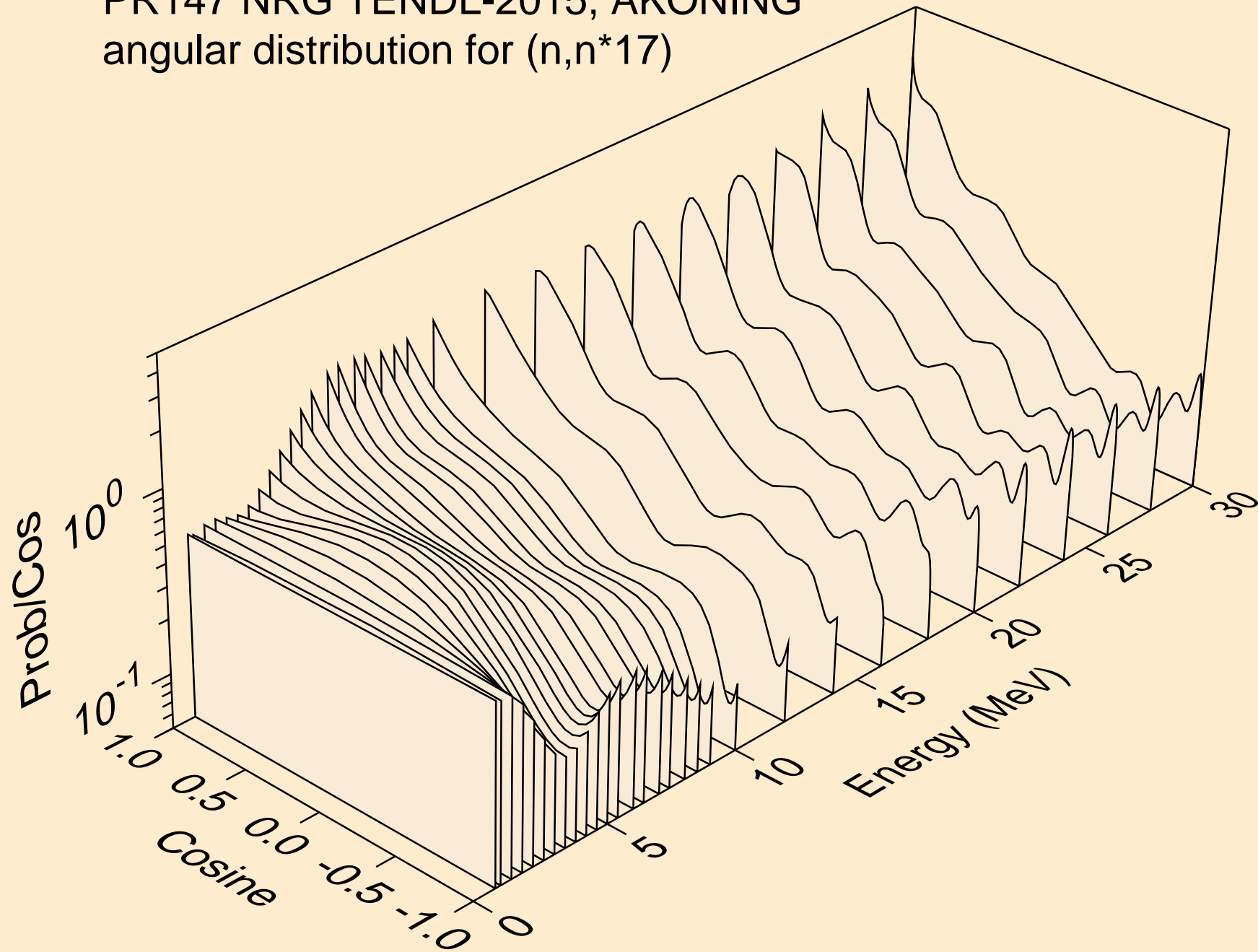




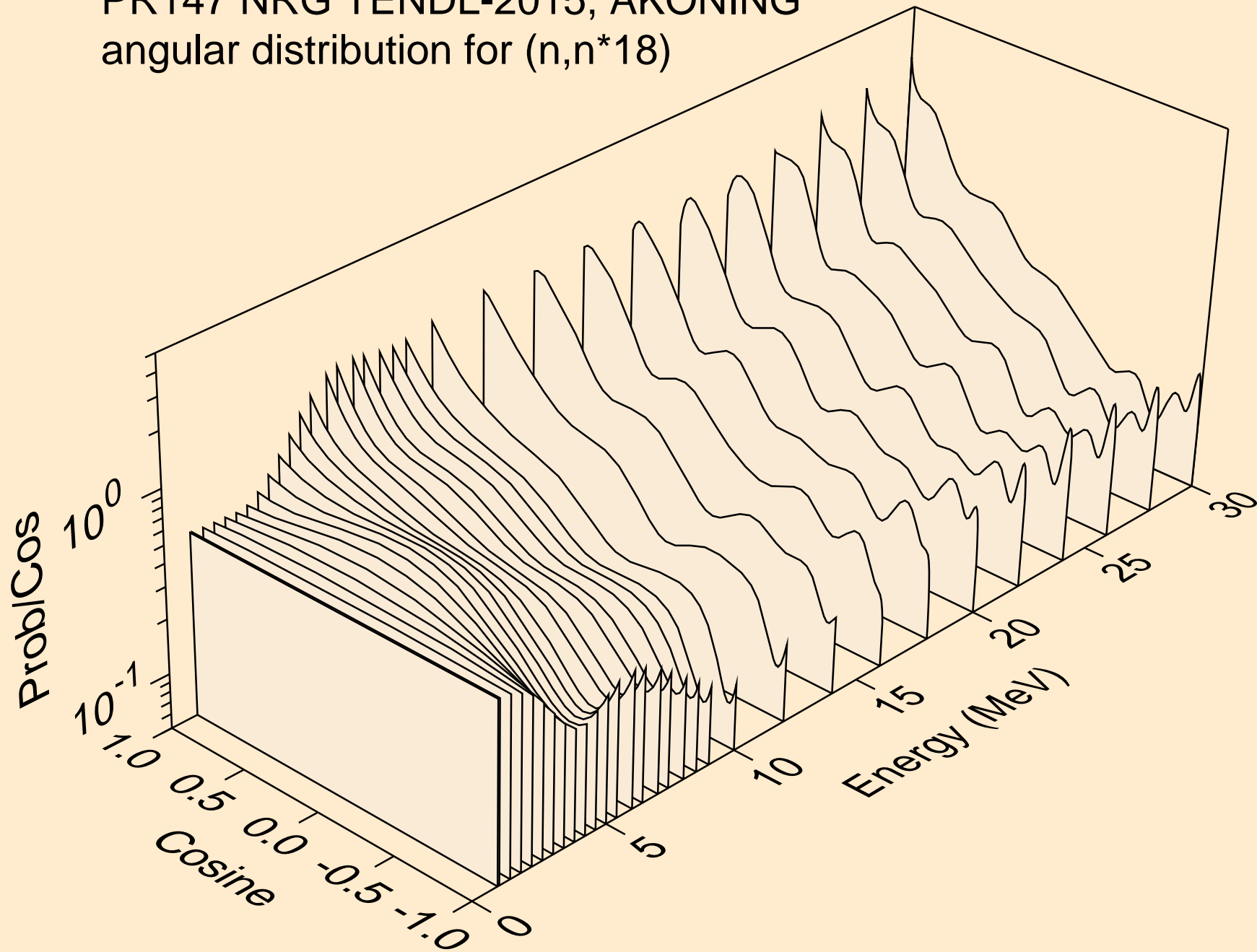
PR147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



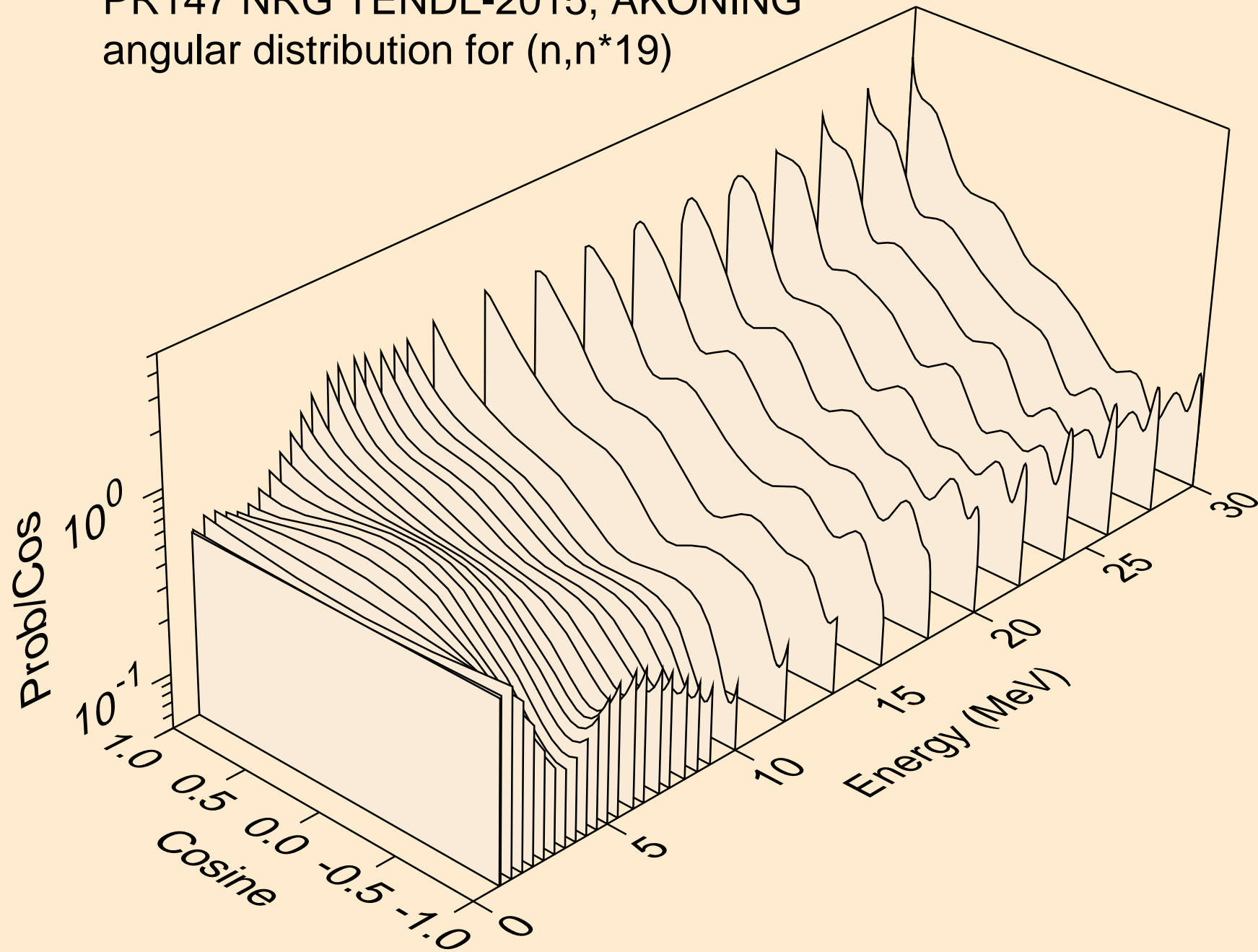
PR147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



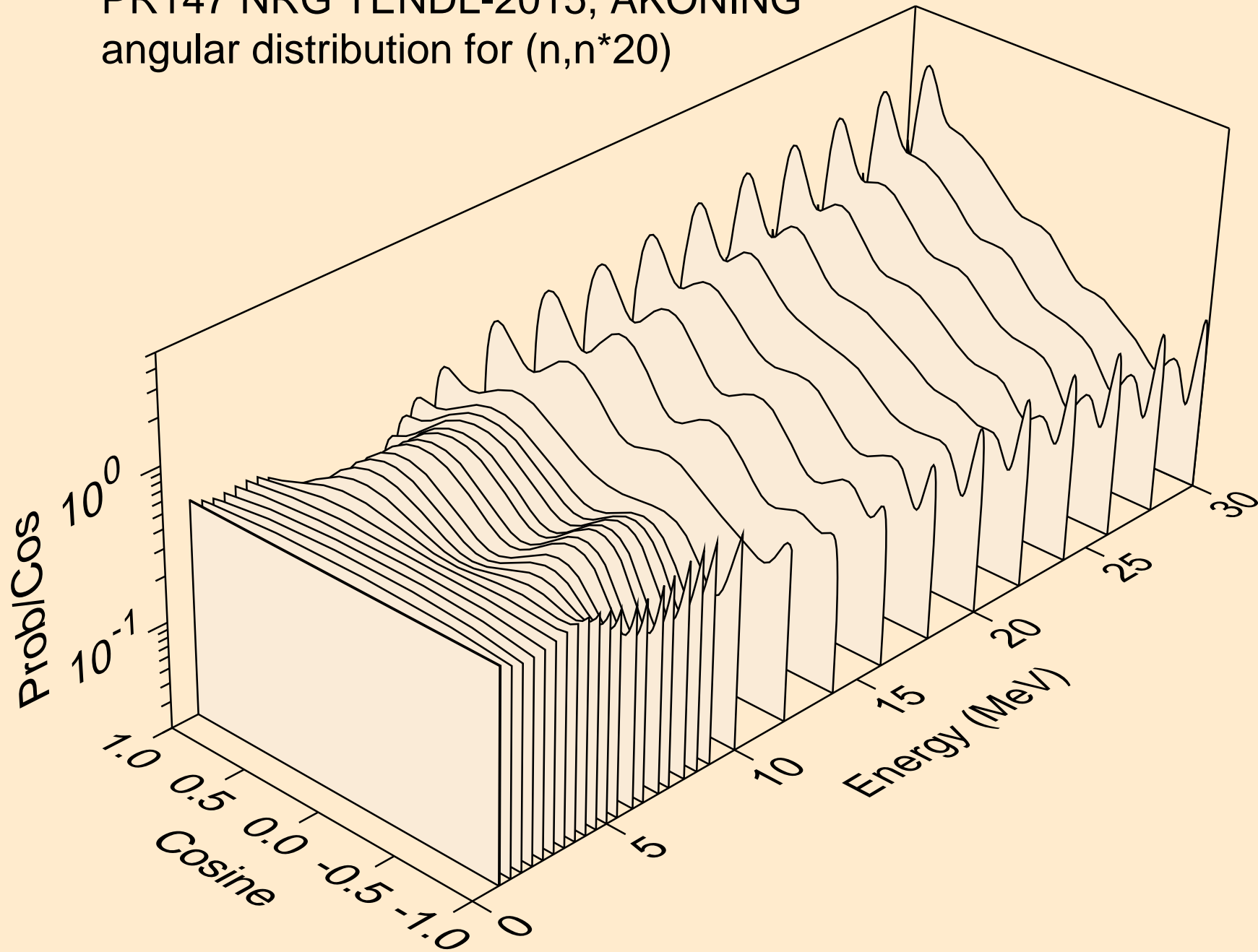
PR147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



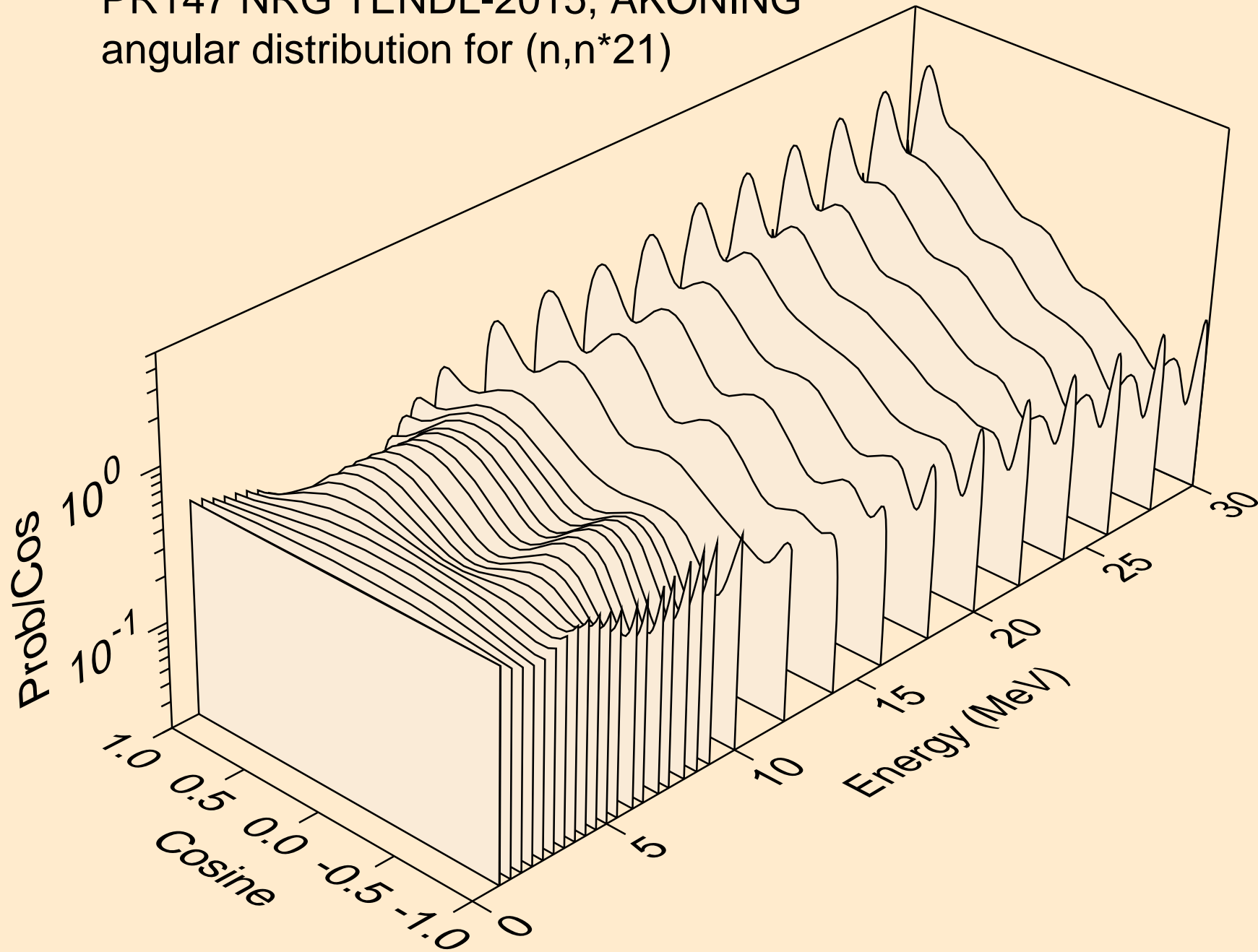
PR147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



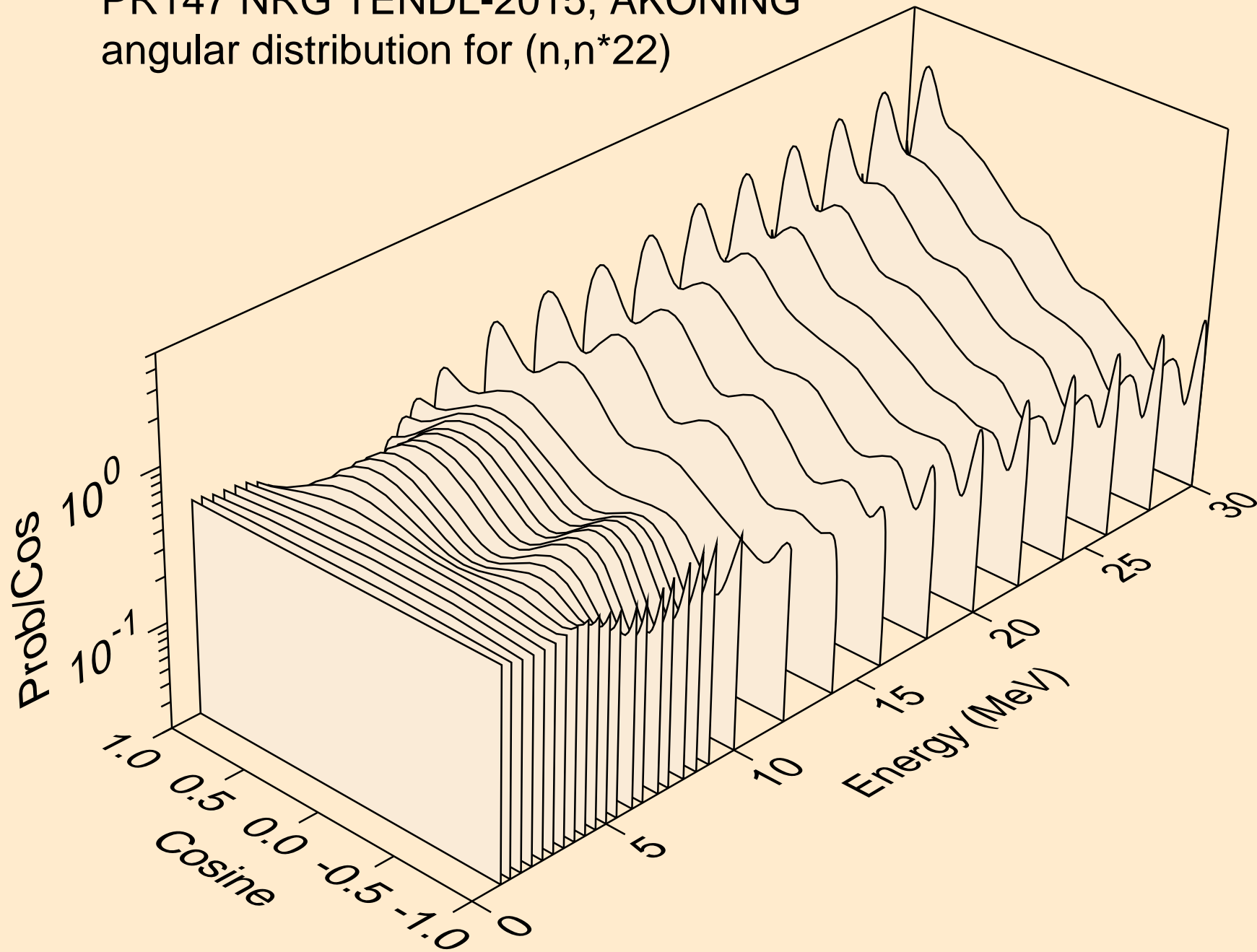
PR147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



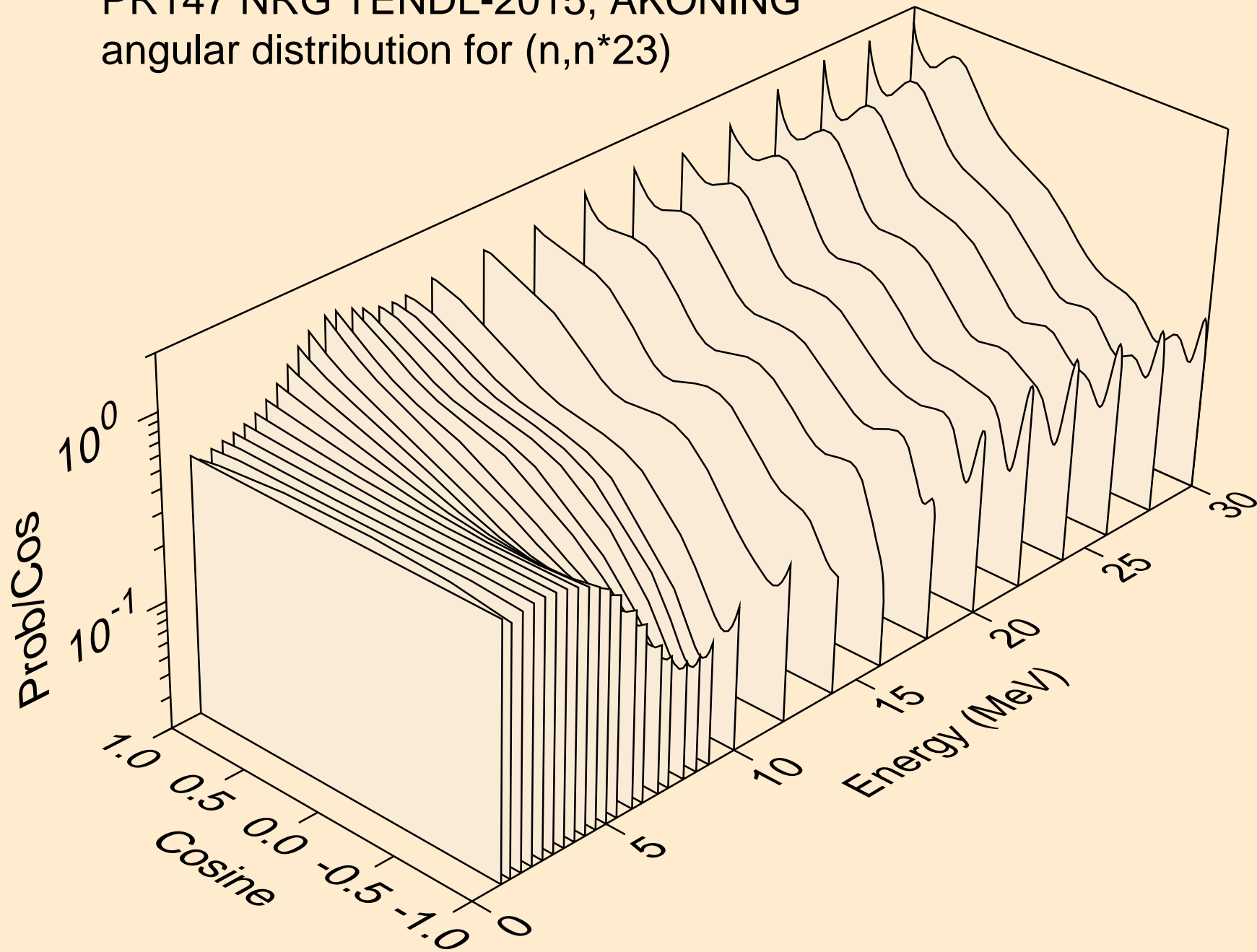
PR147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



PR147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

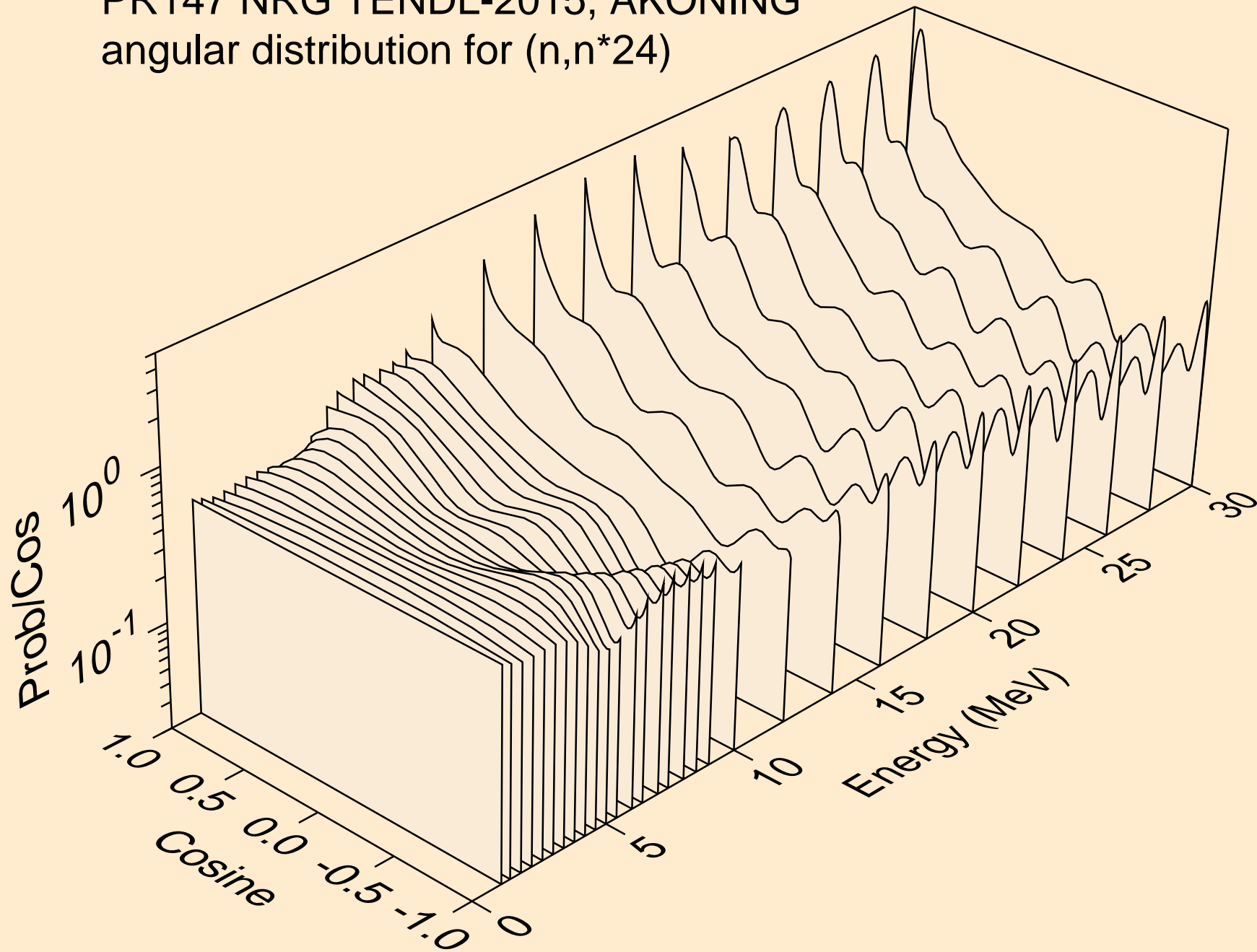


PR147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

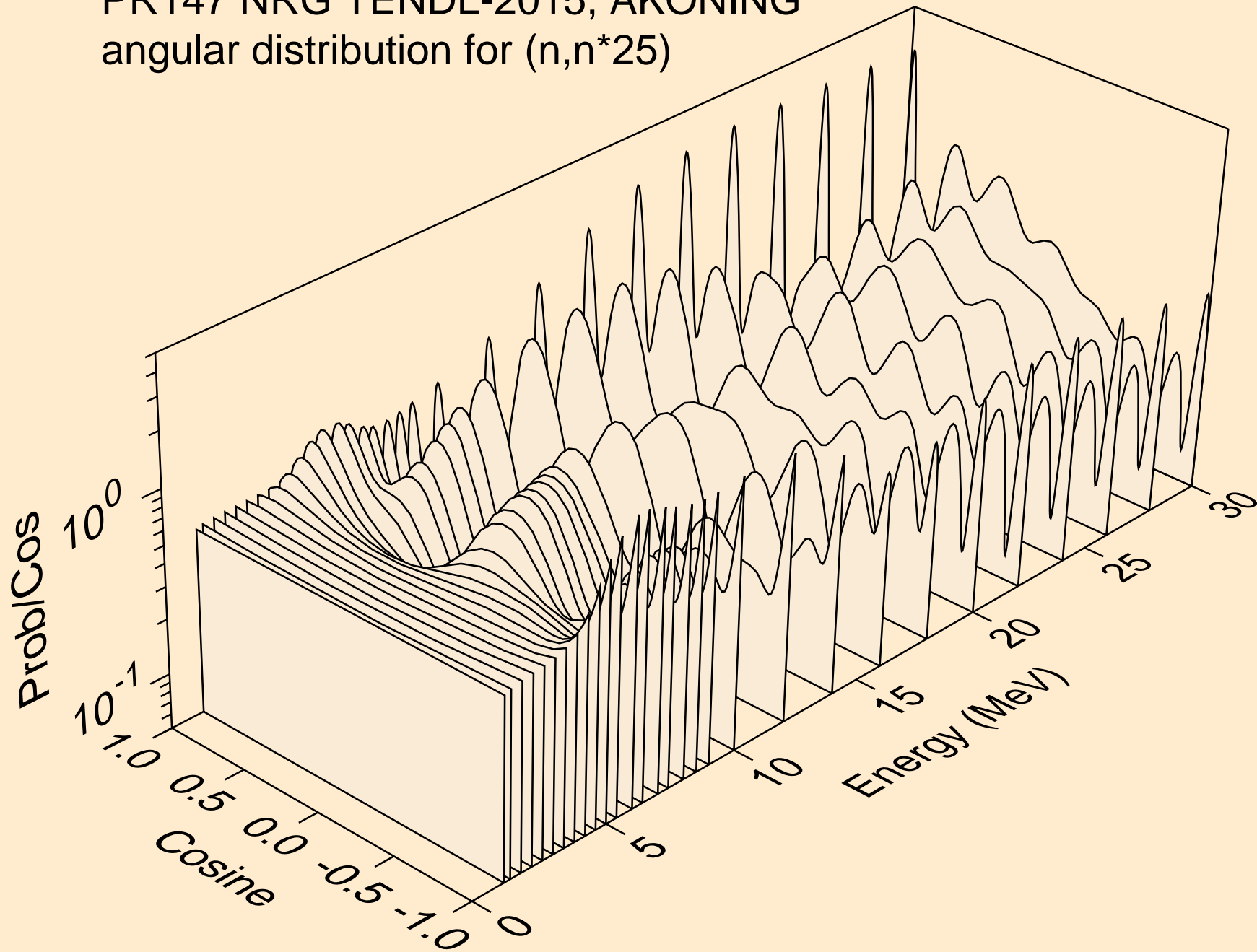




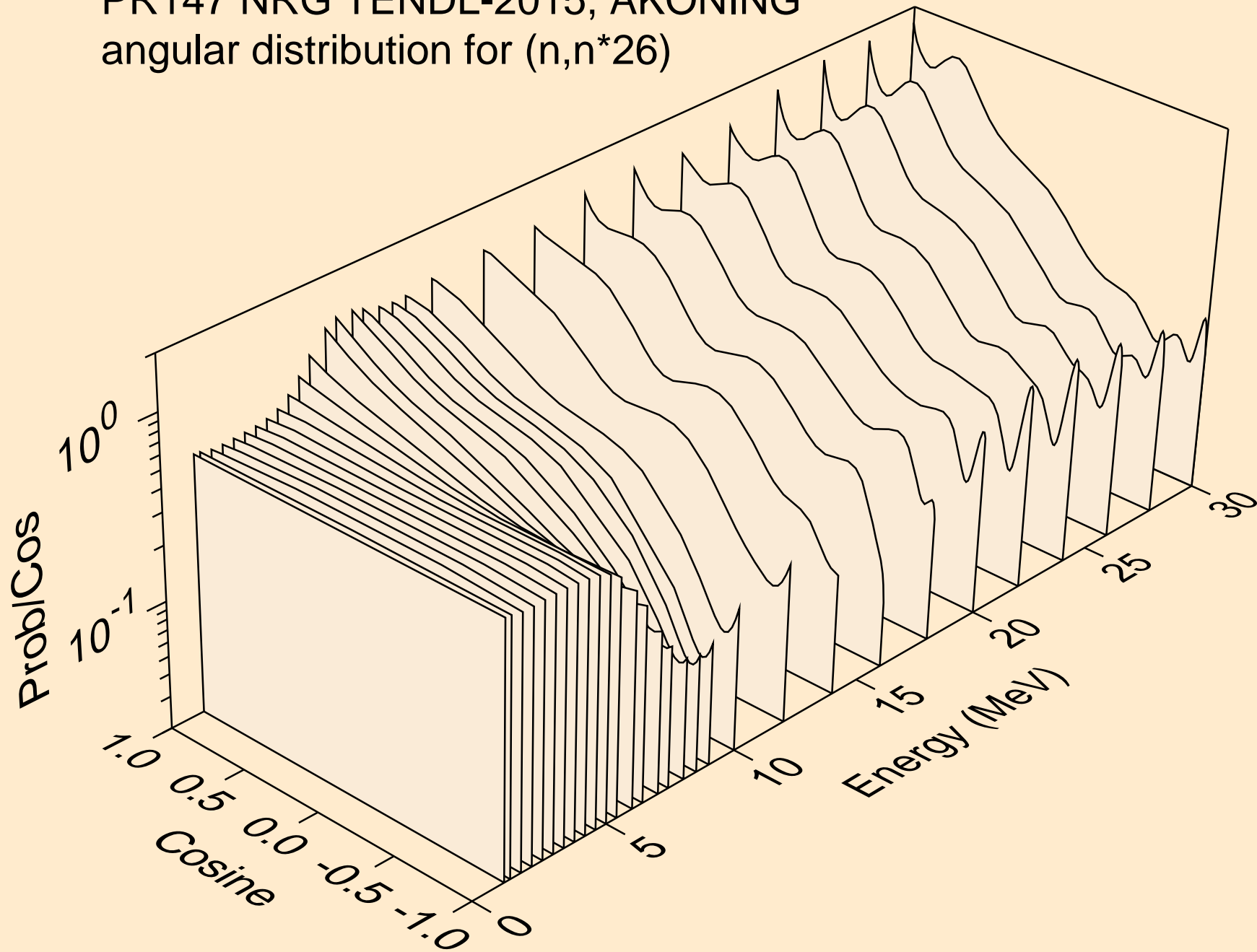
PR147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



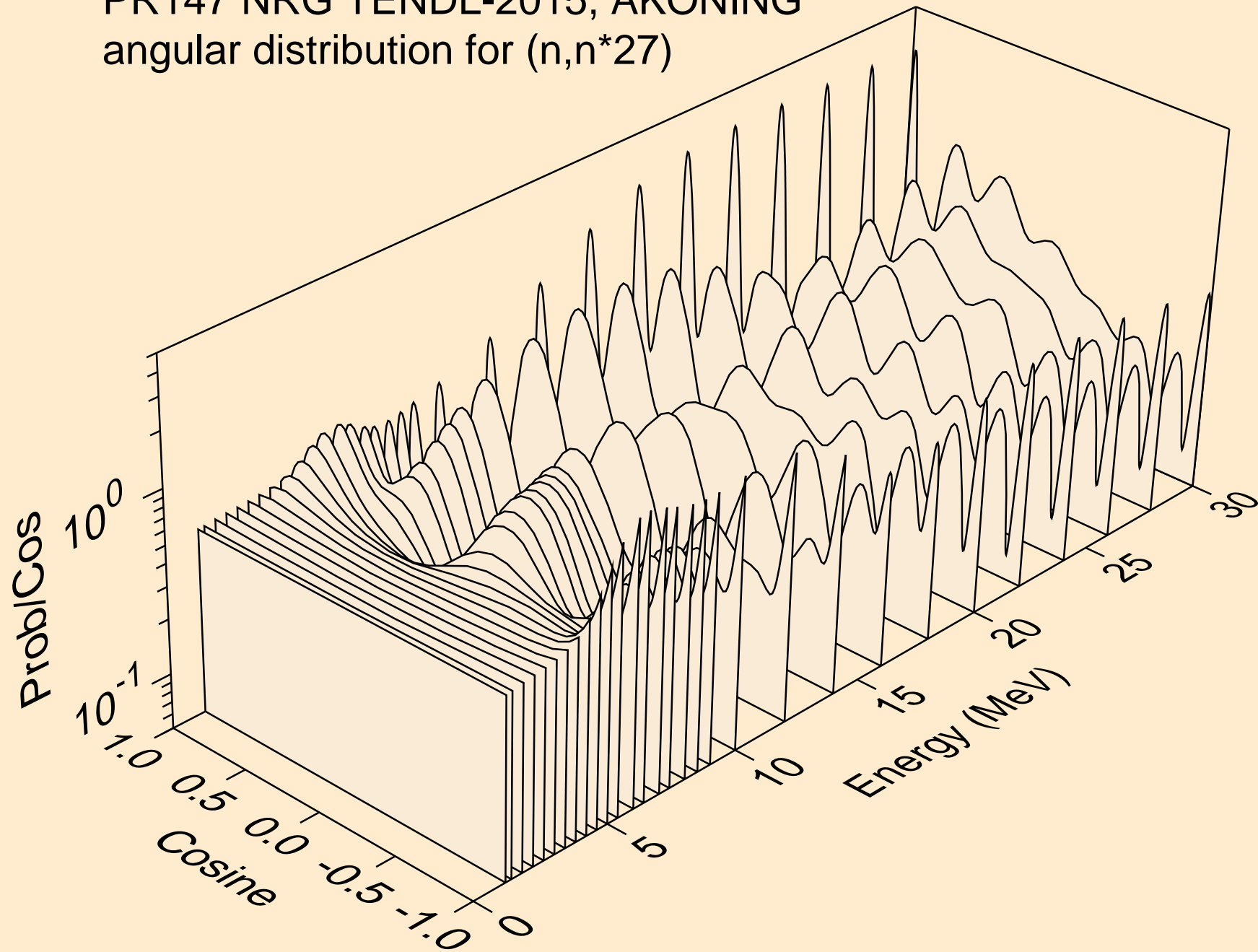
PR147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



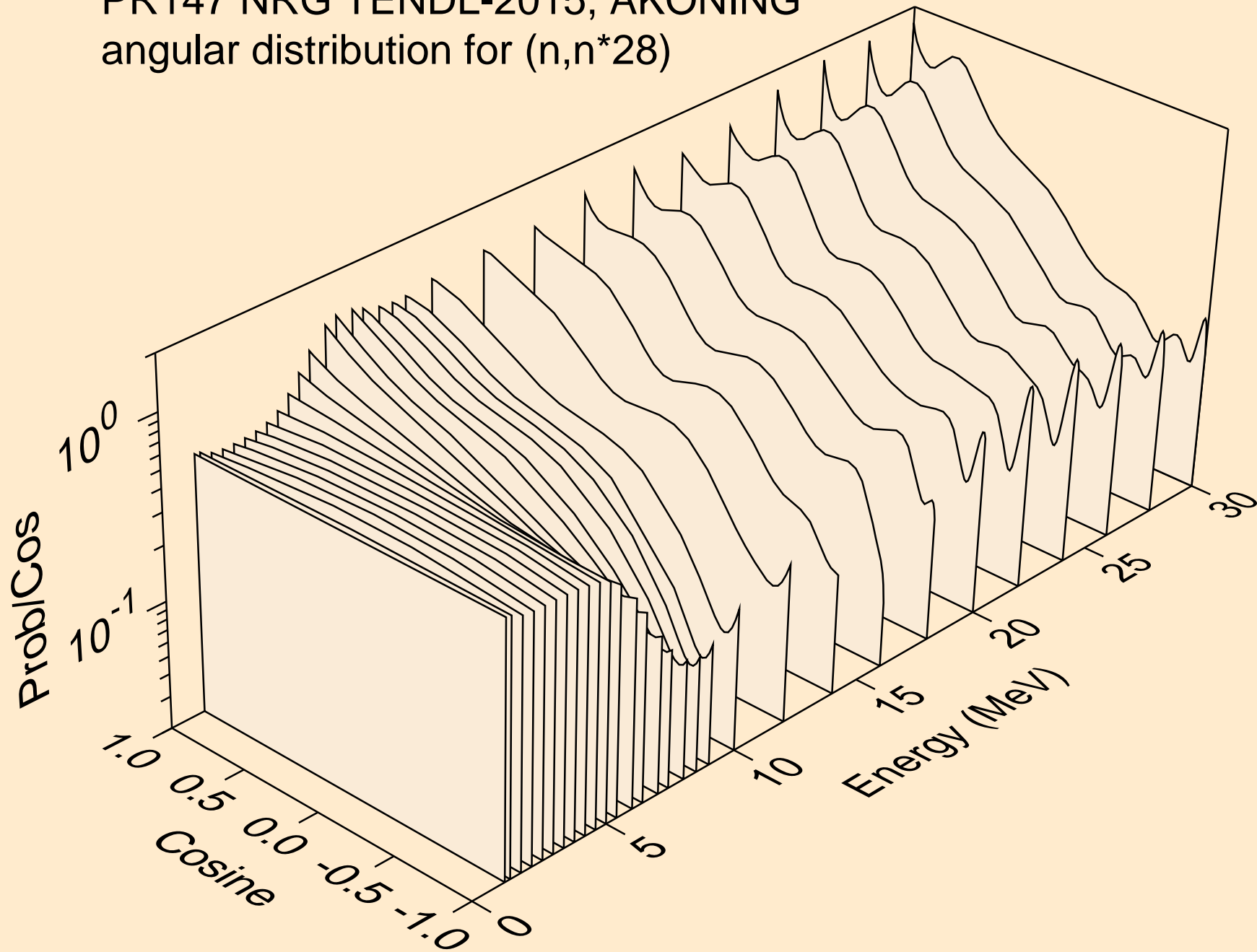
PR147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



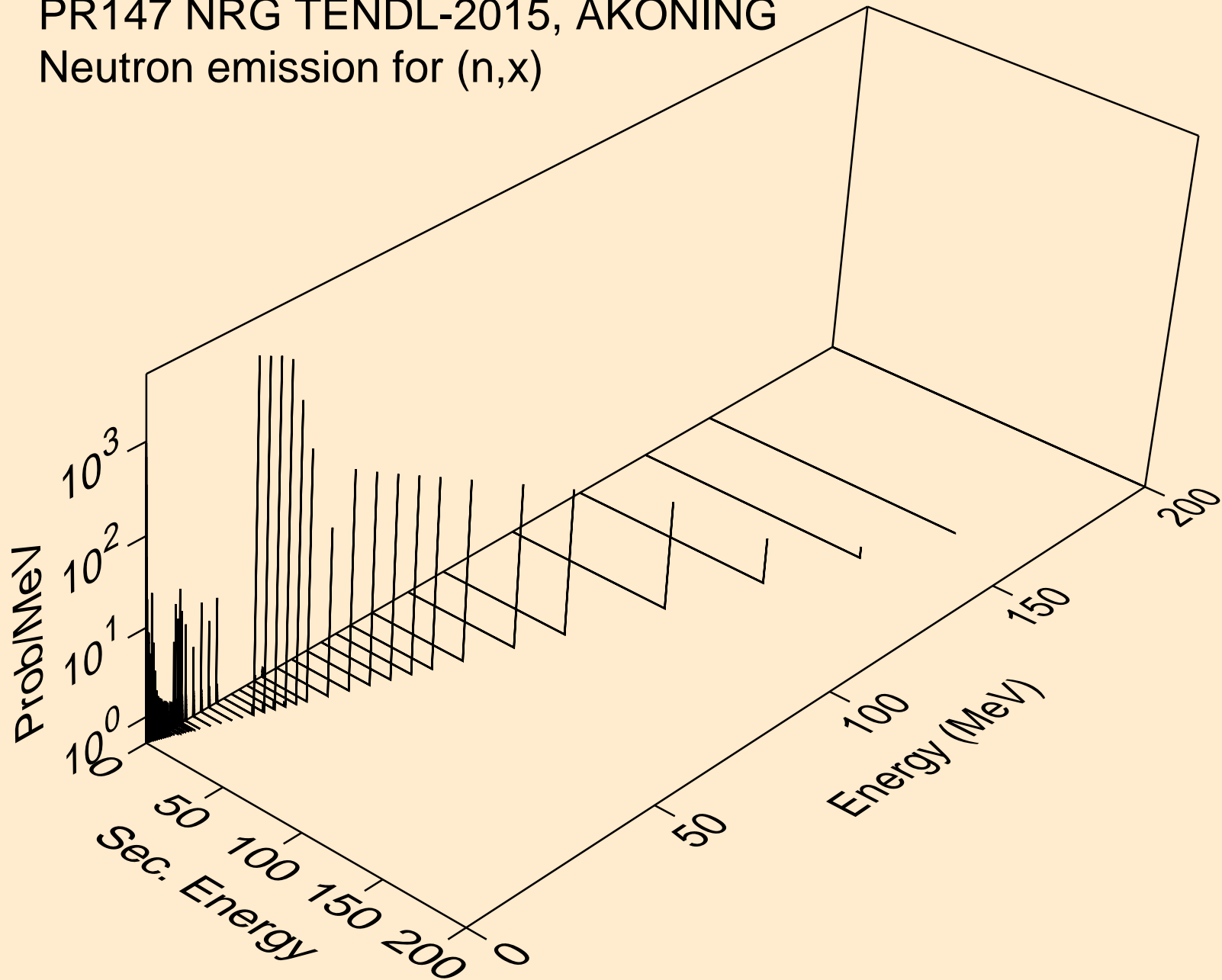
PR147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



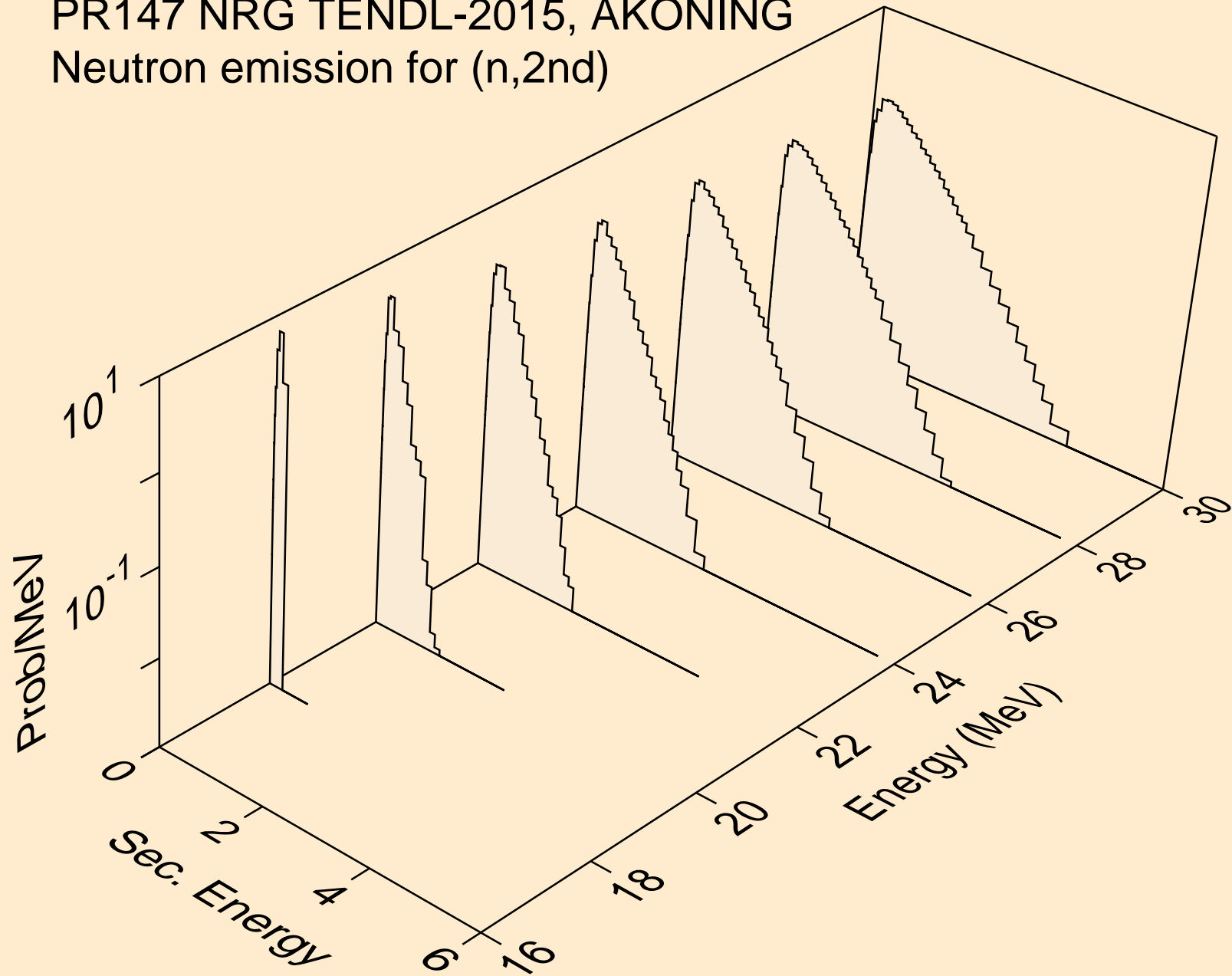
PR147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



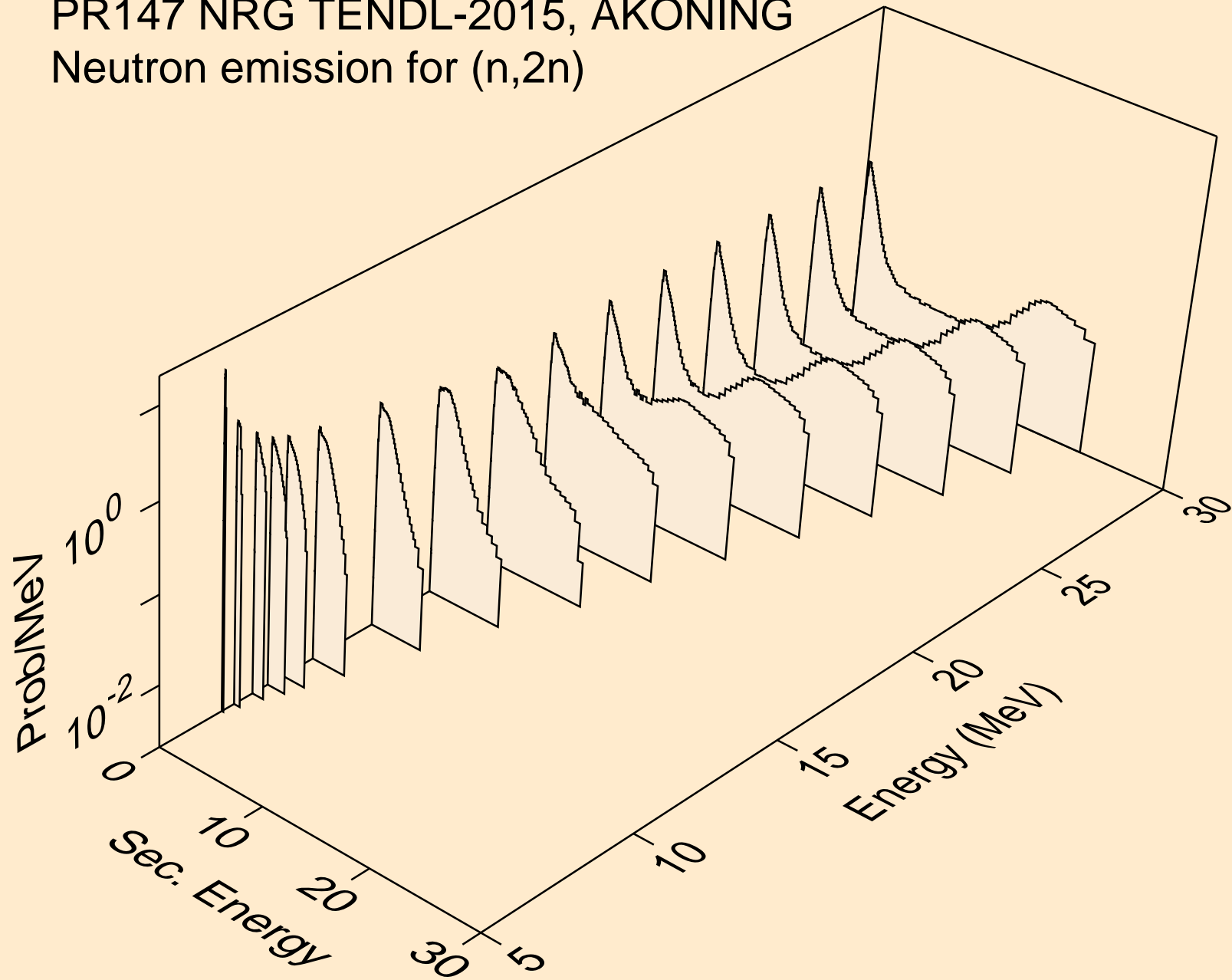
PR147 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



PR147 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

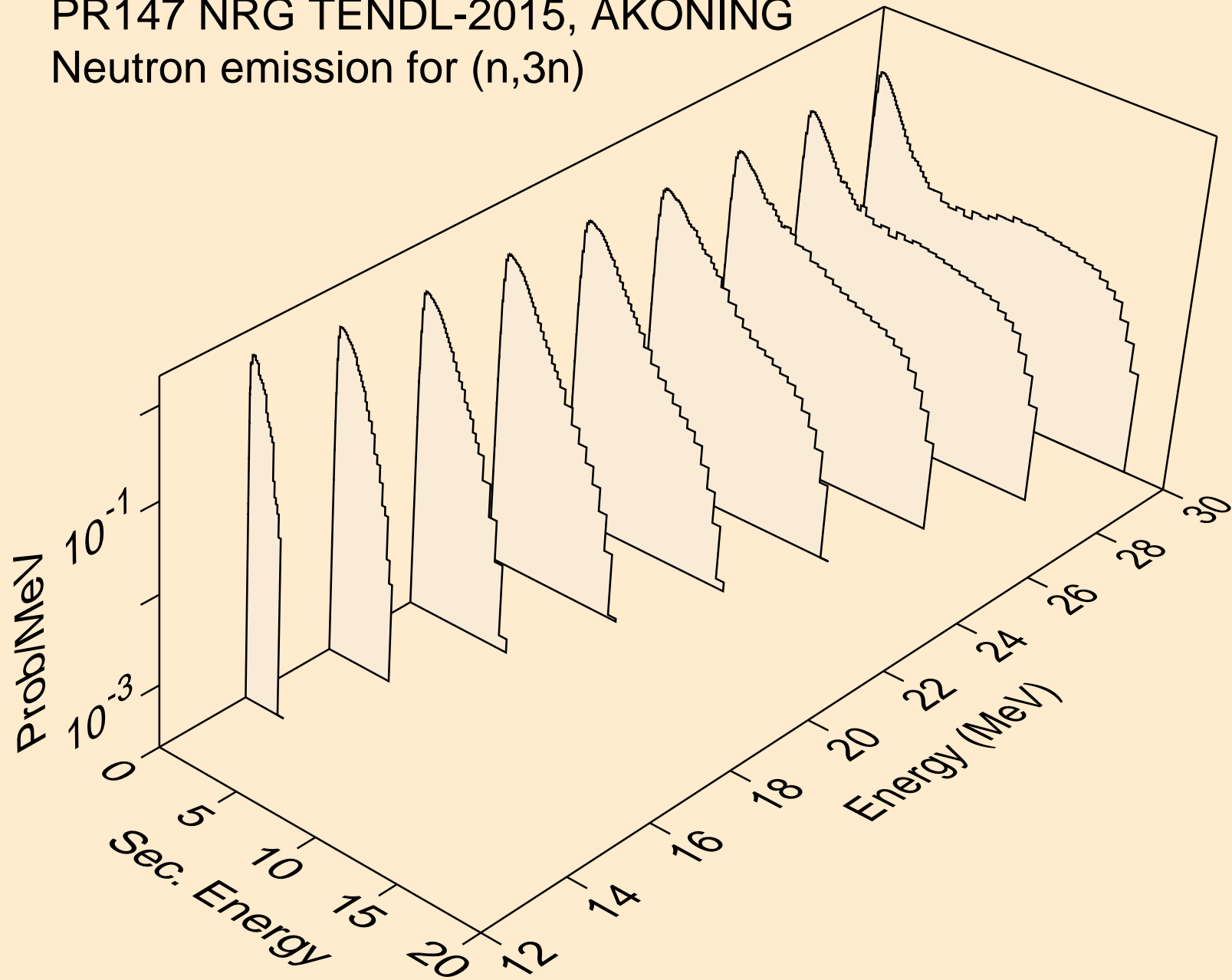


PR147 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

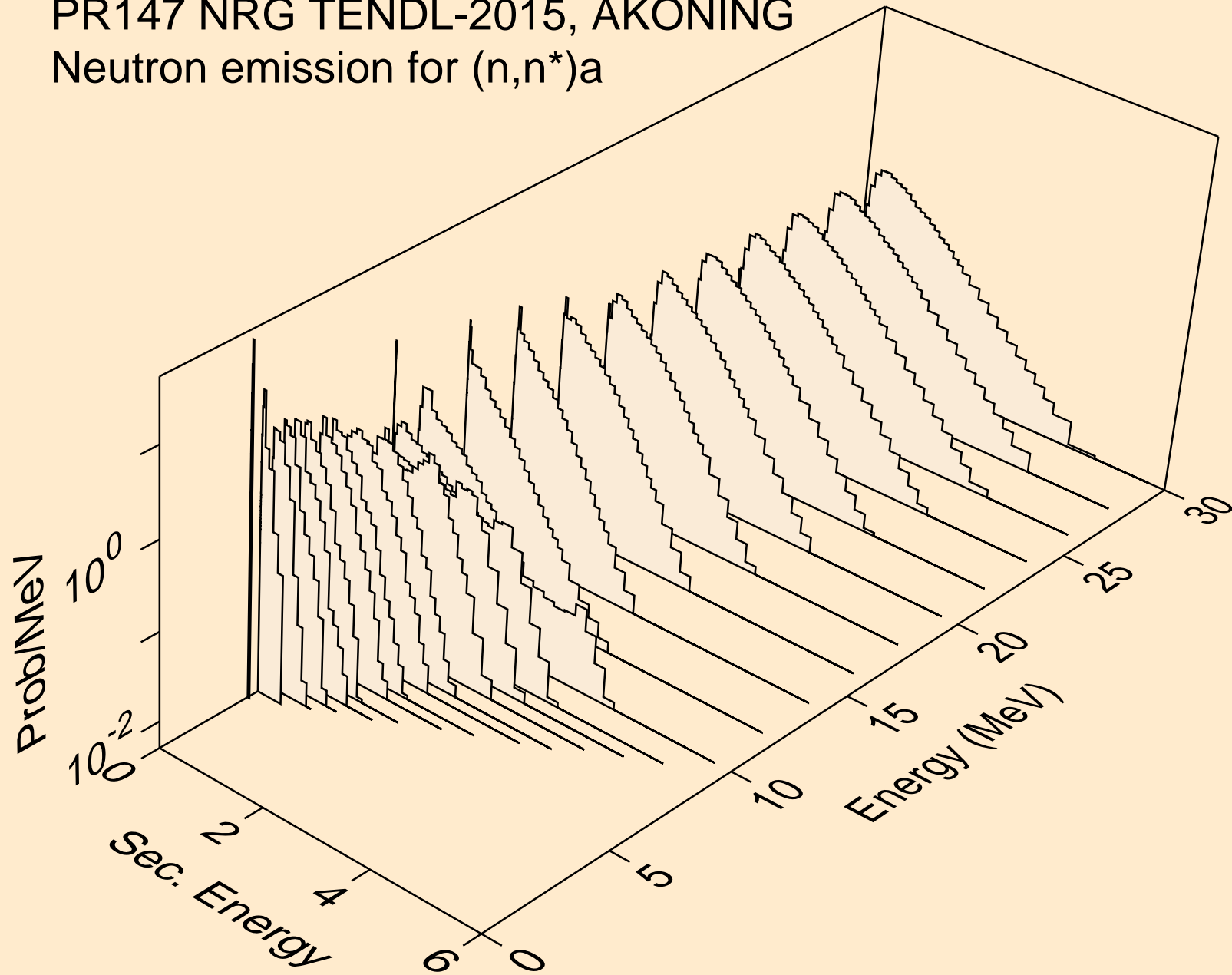




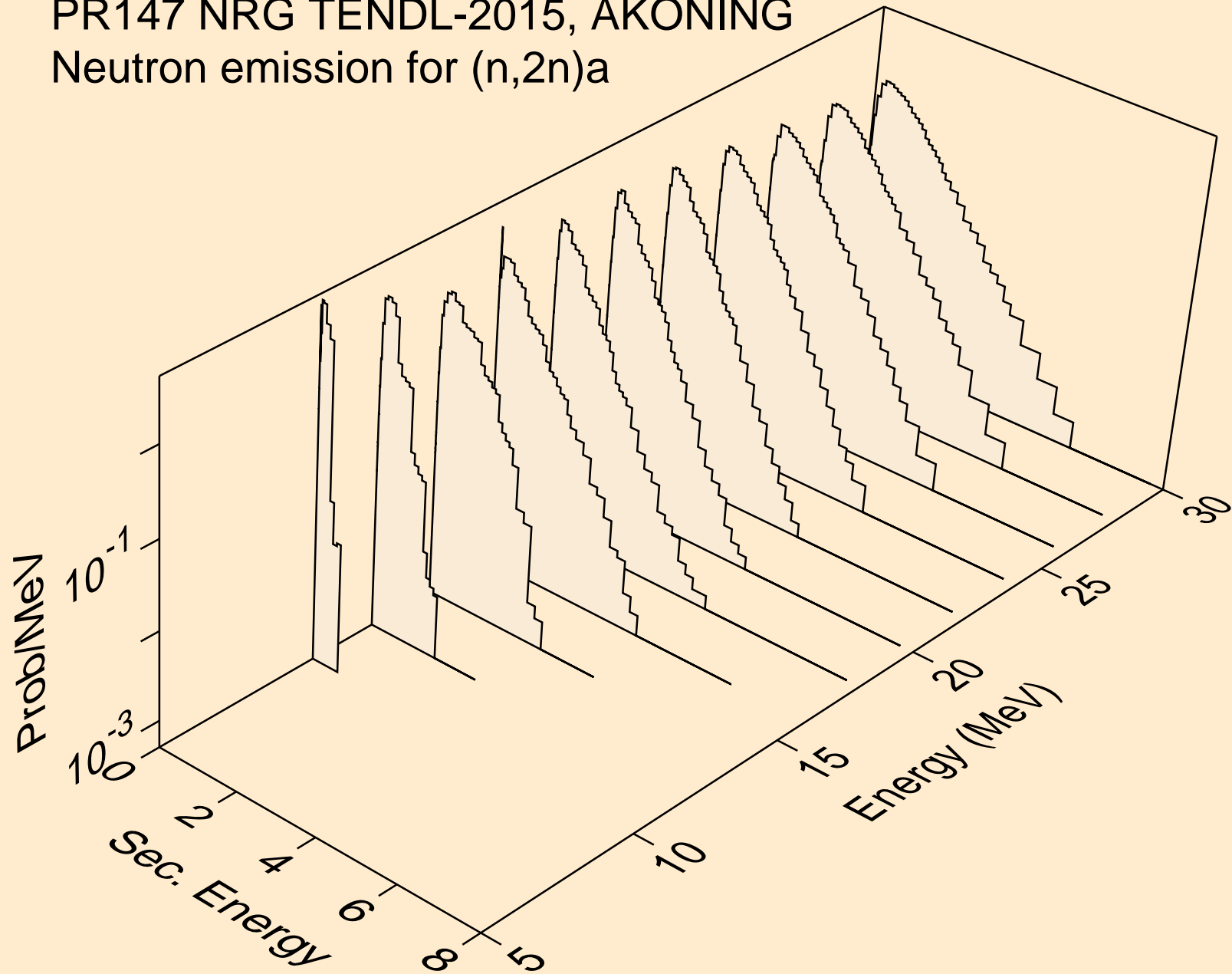
PR147 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



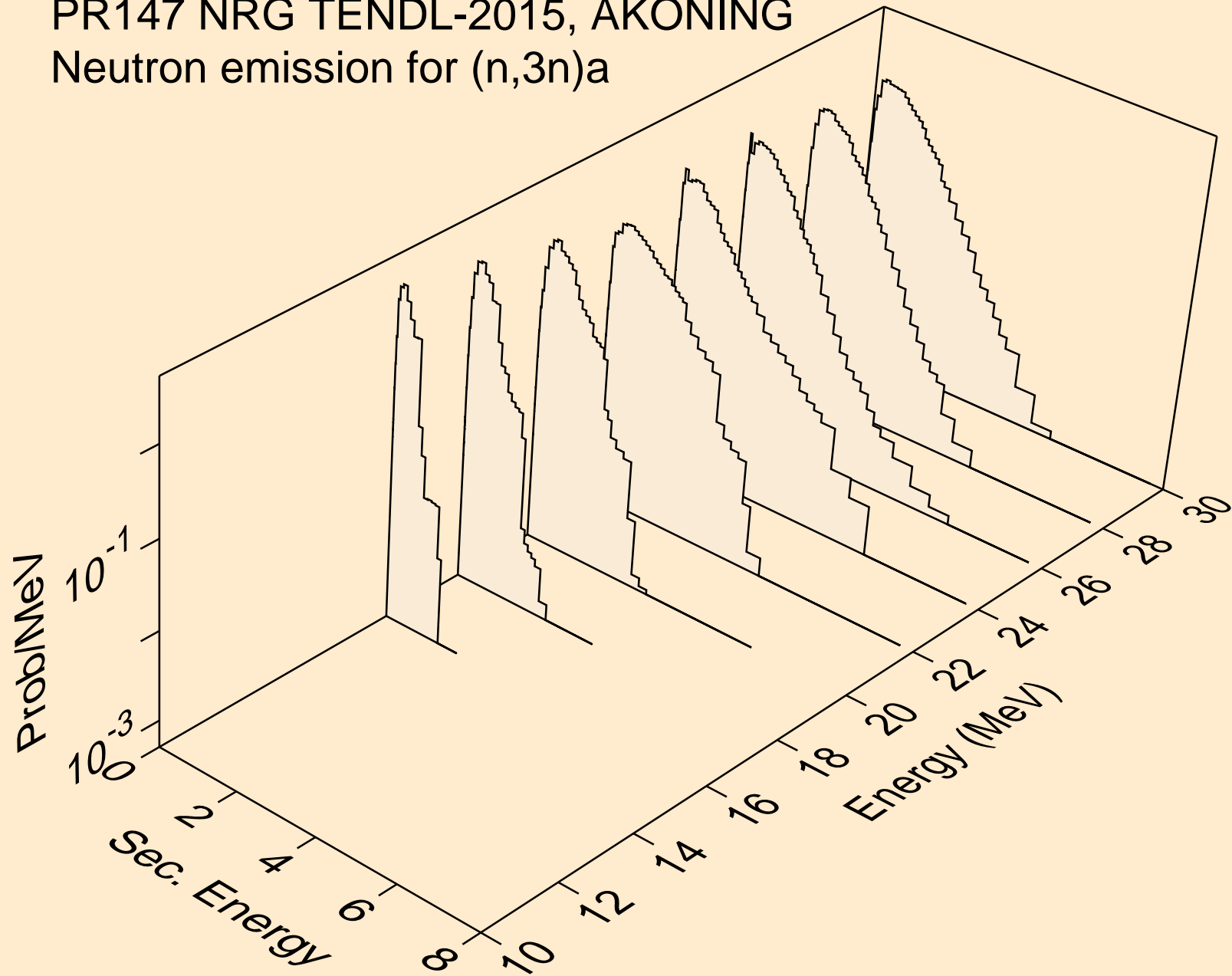
PR147 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



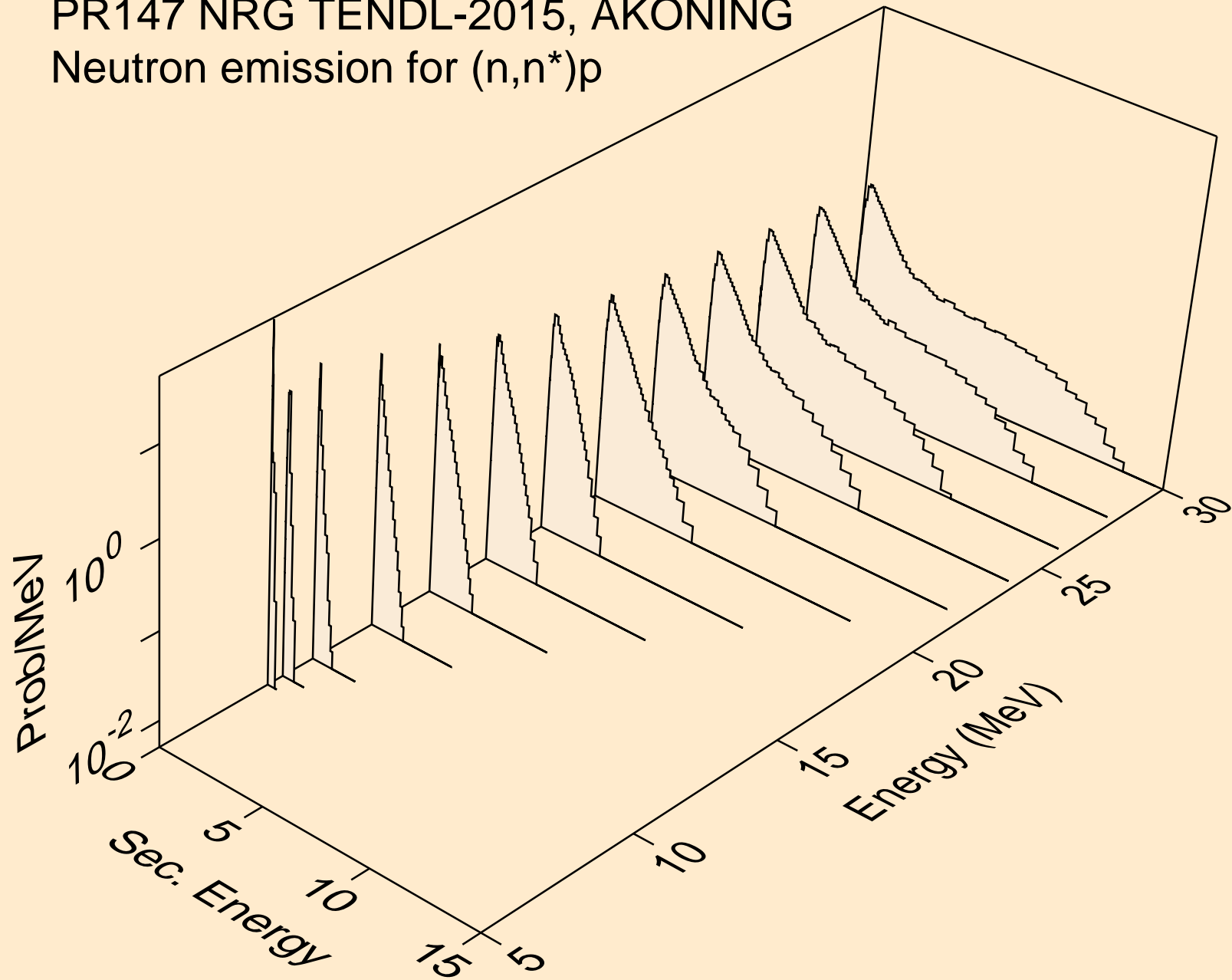
PR147 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



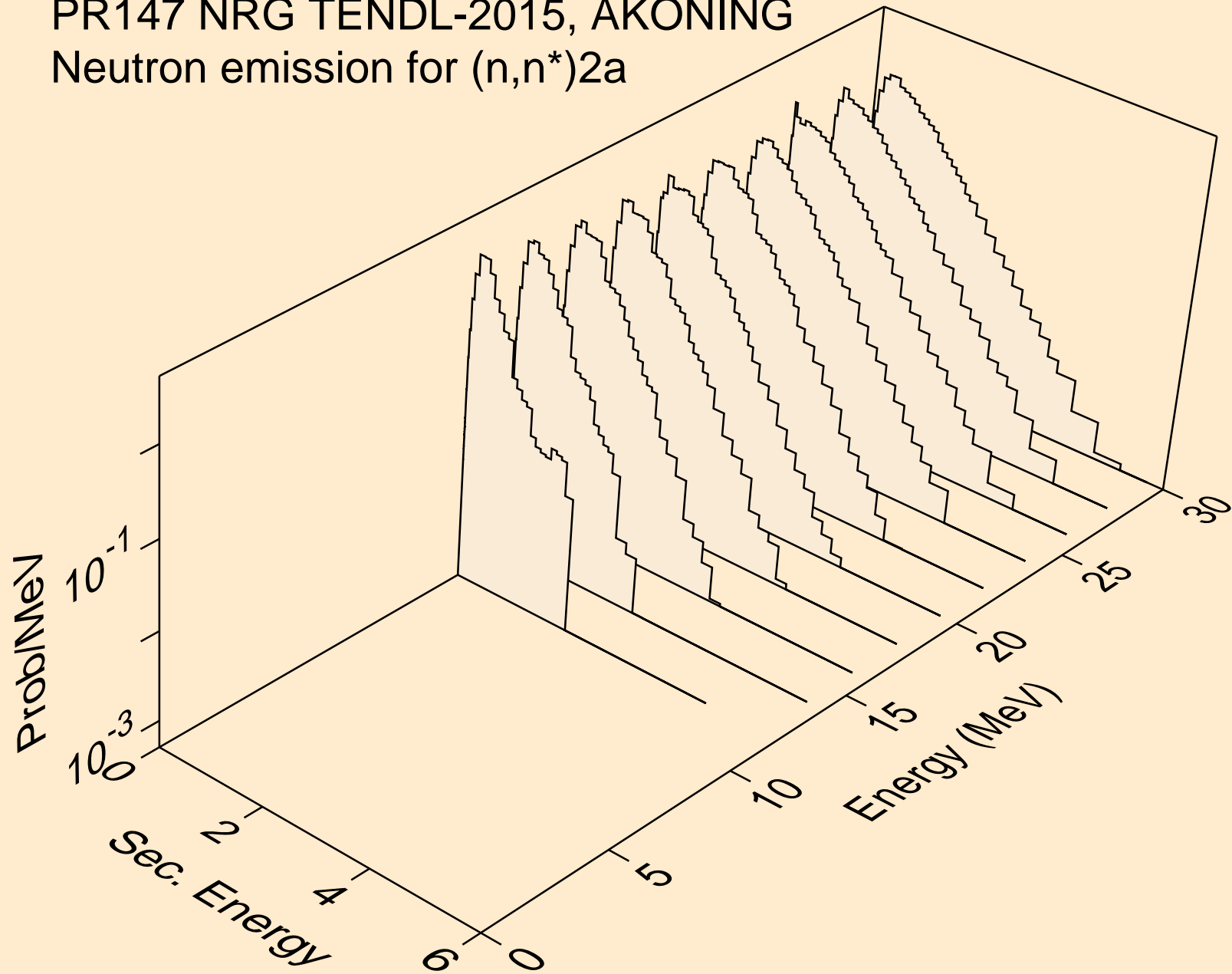
PR147 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



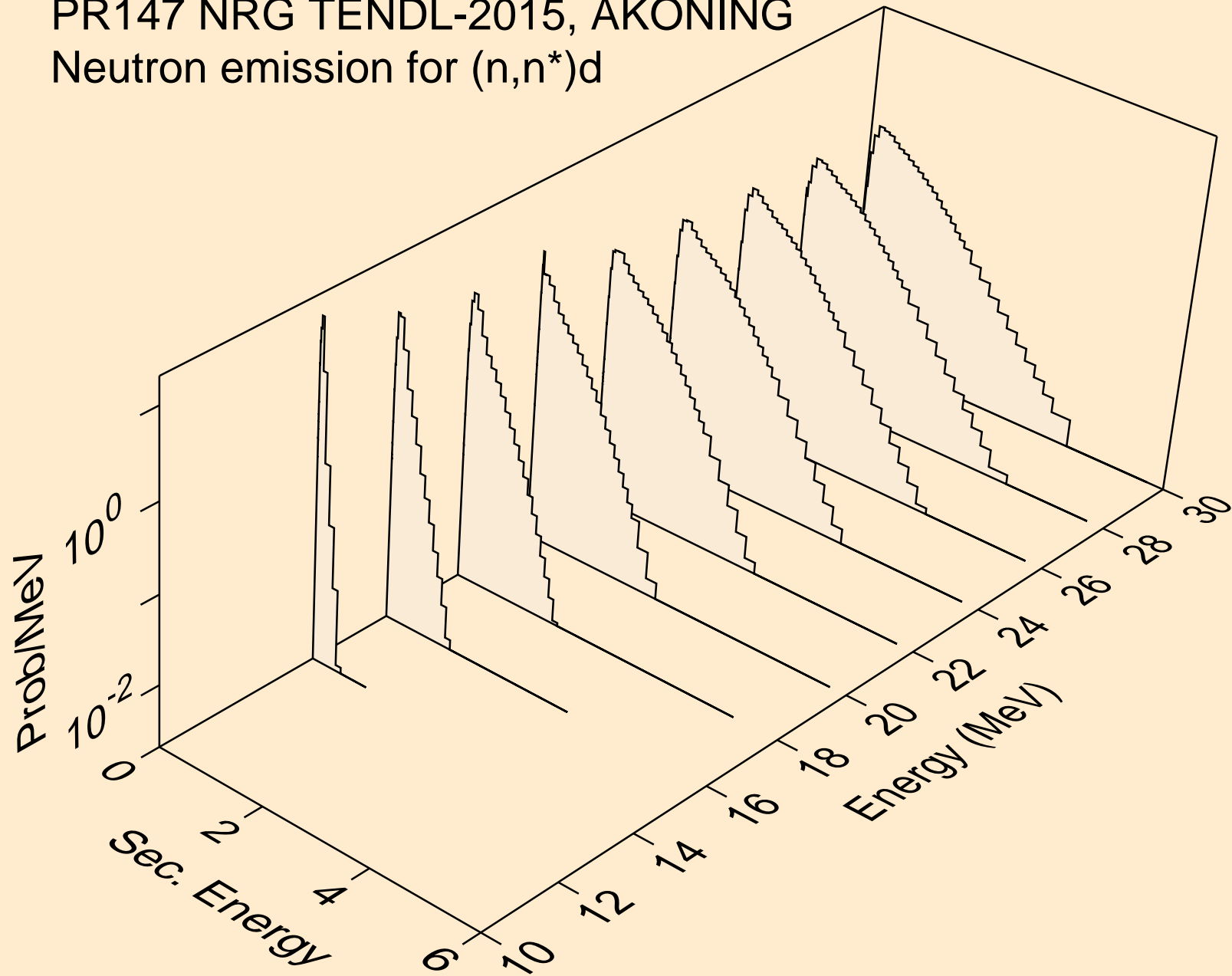
PR147 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



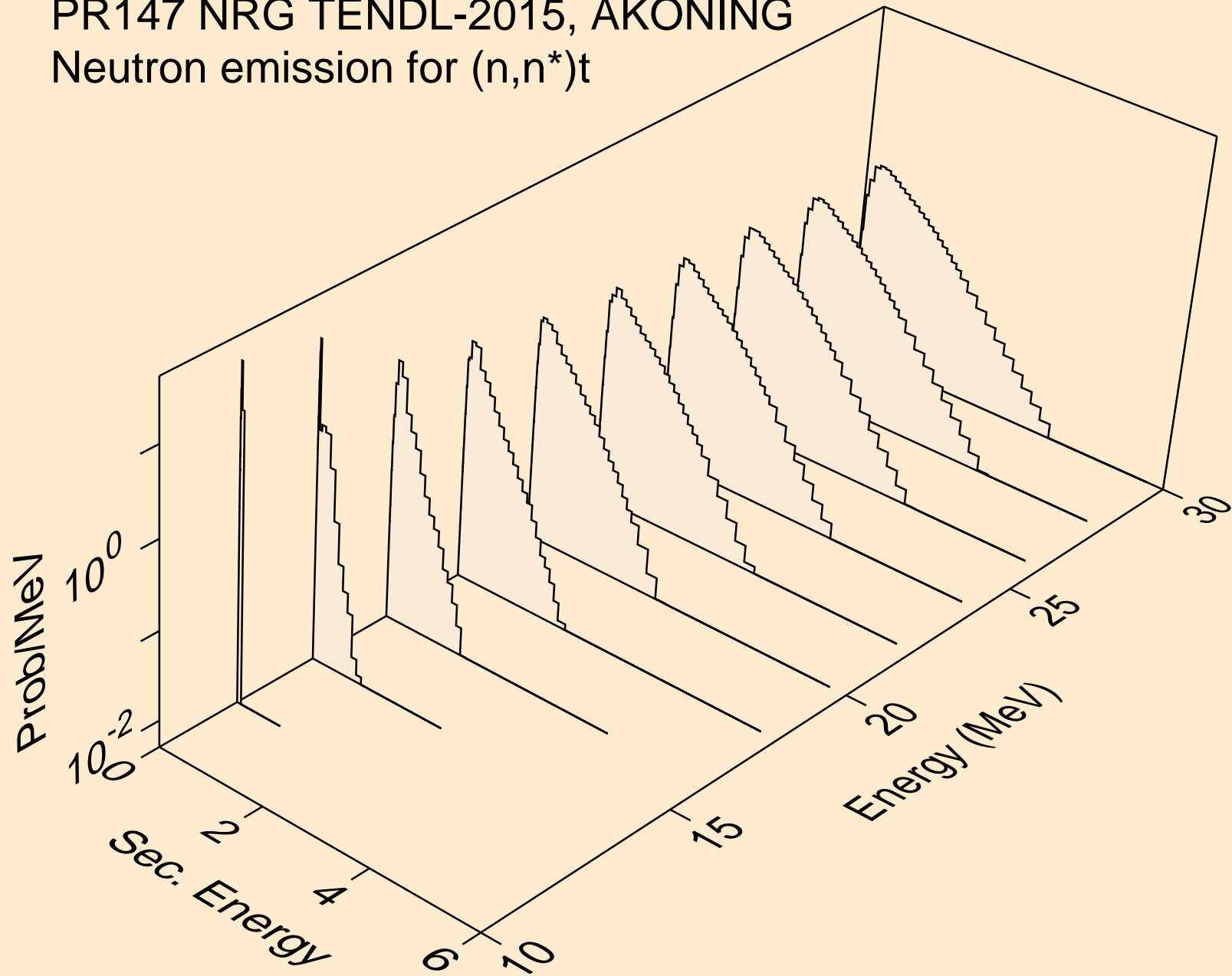
PR147 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



PR147 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

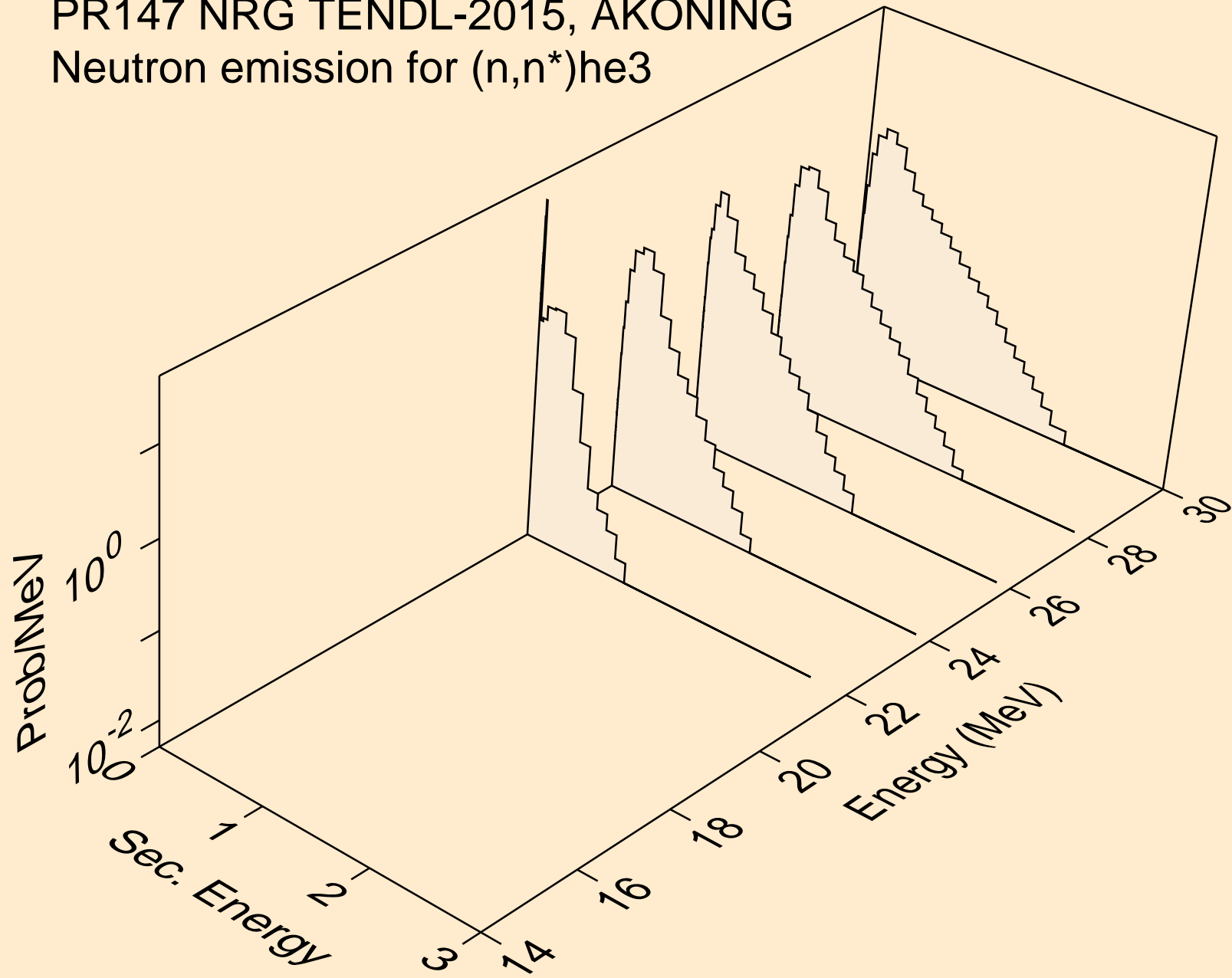


PR147 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

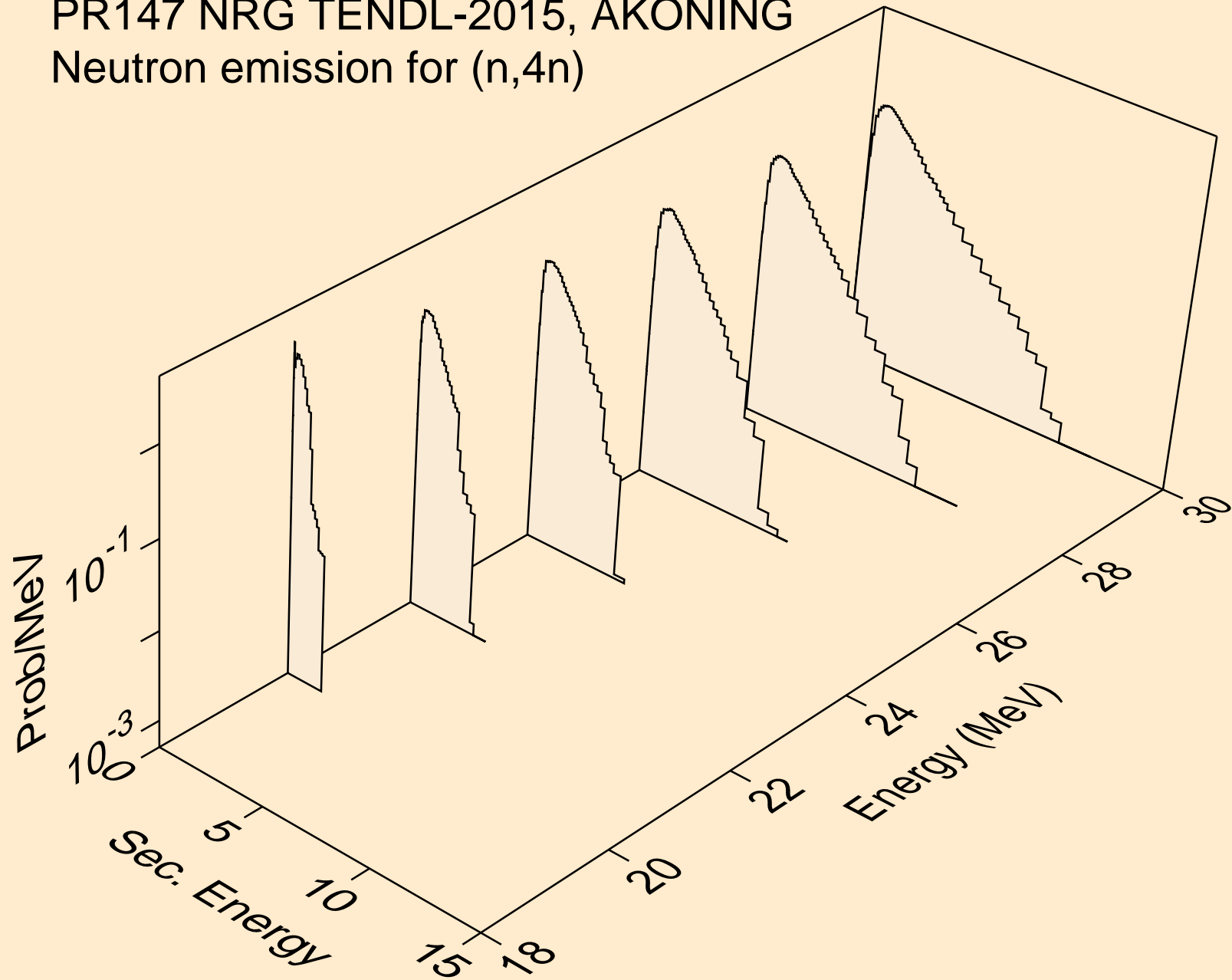




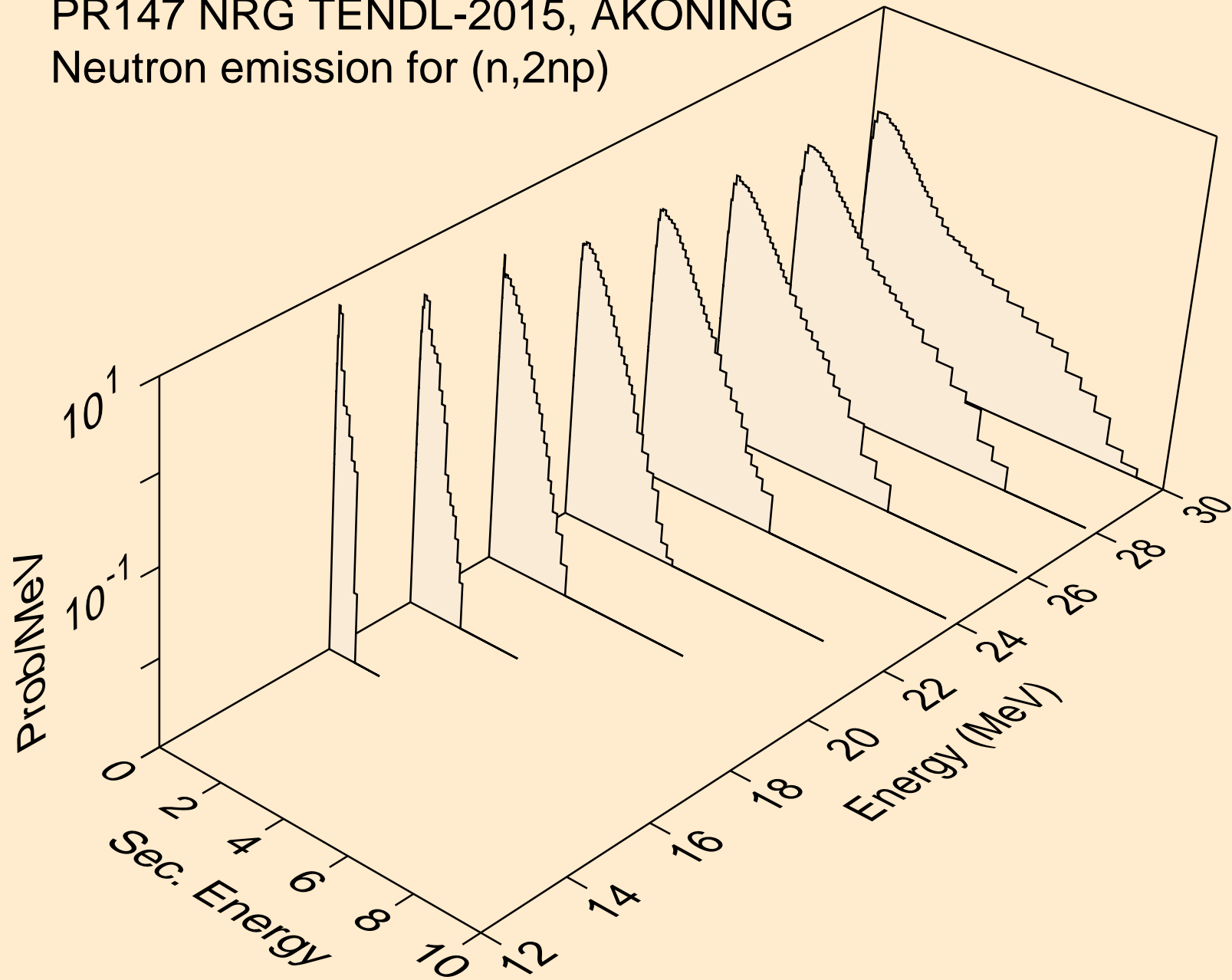
PR147 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



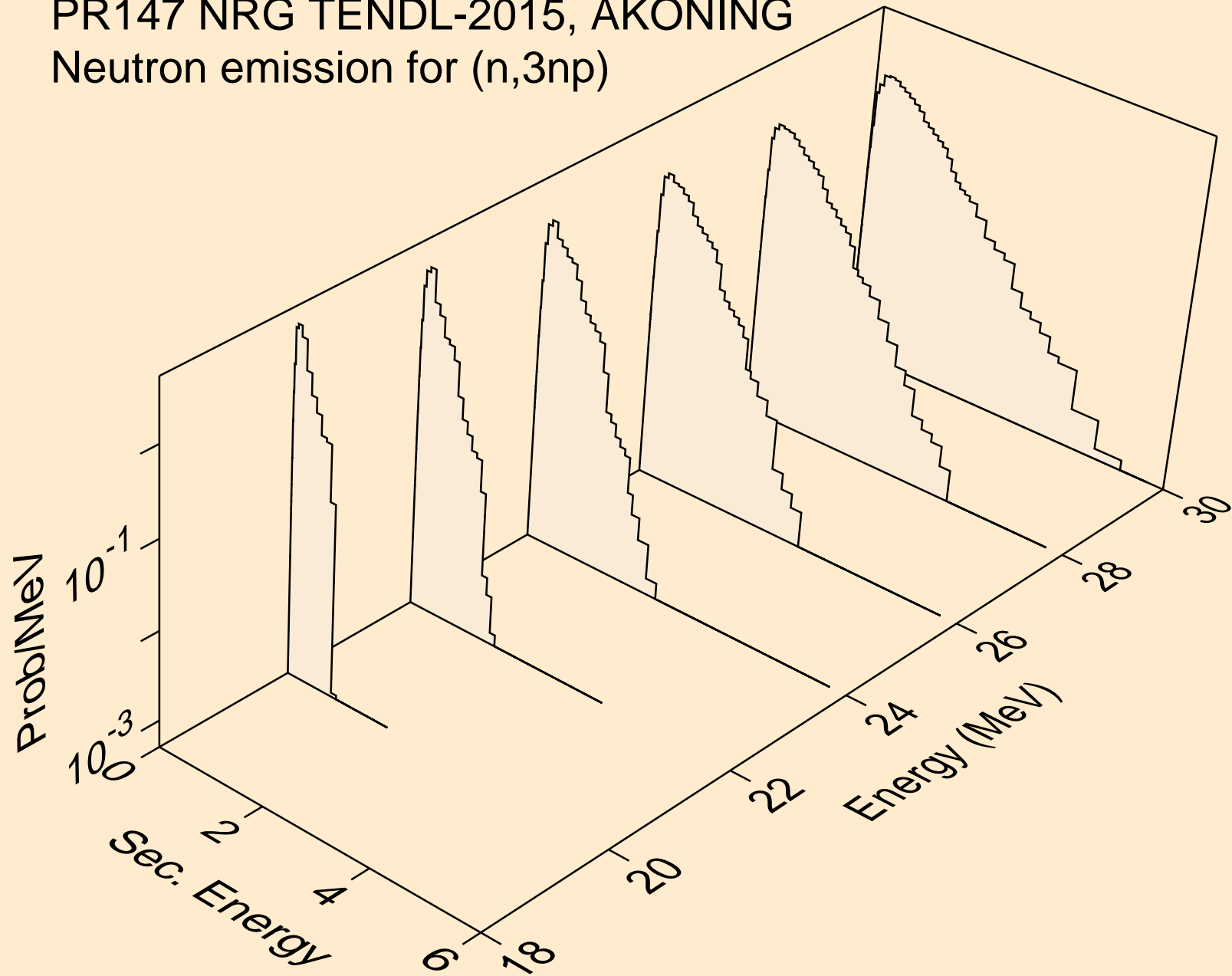
PR147 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



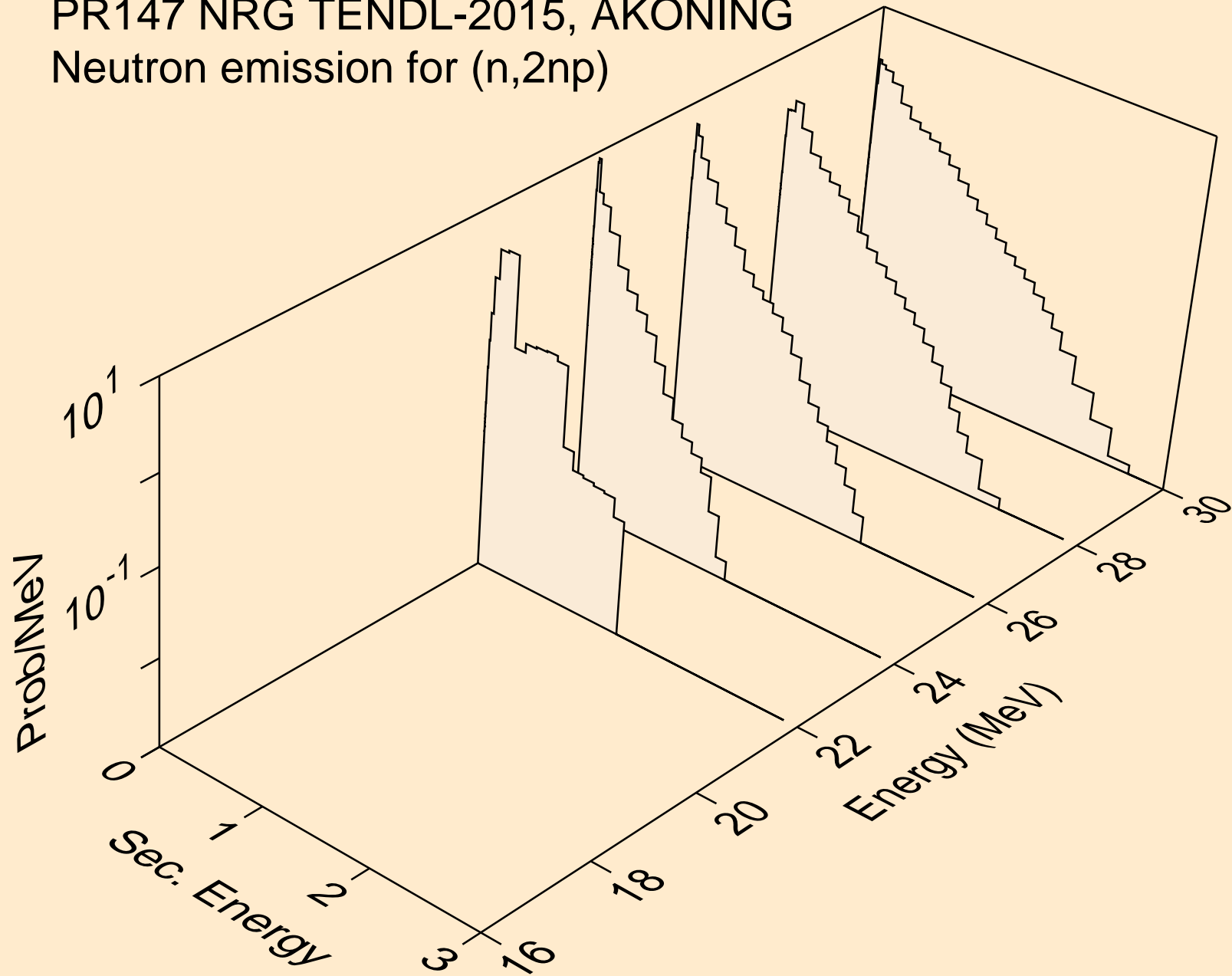
PR147 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



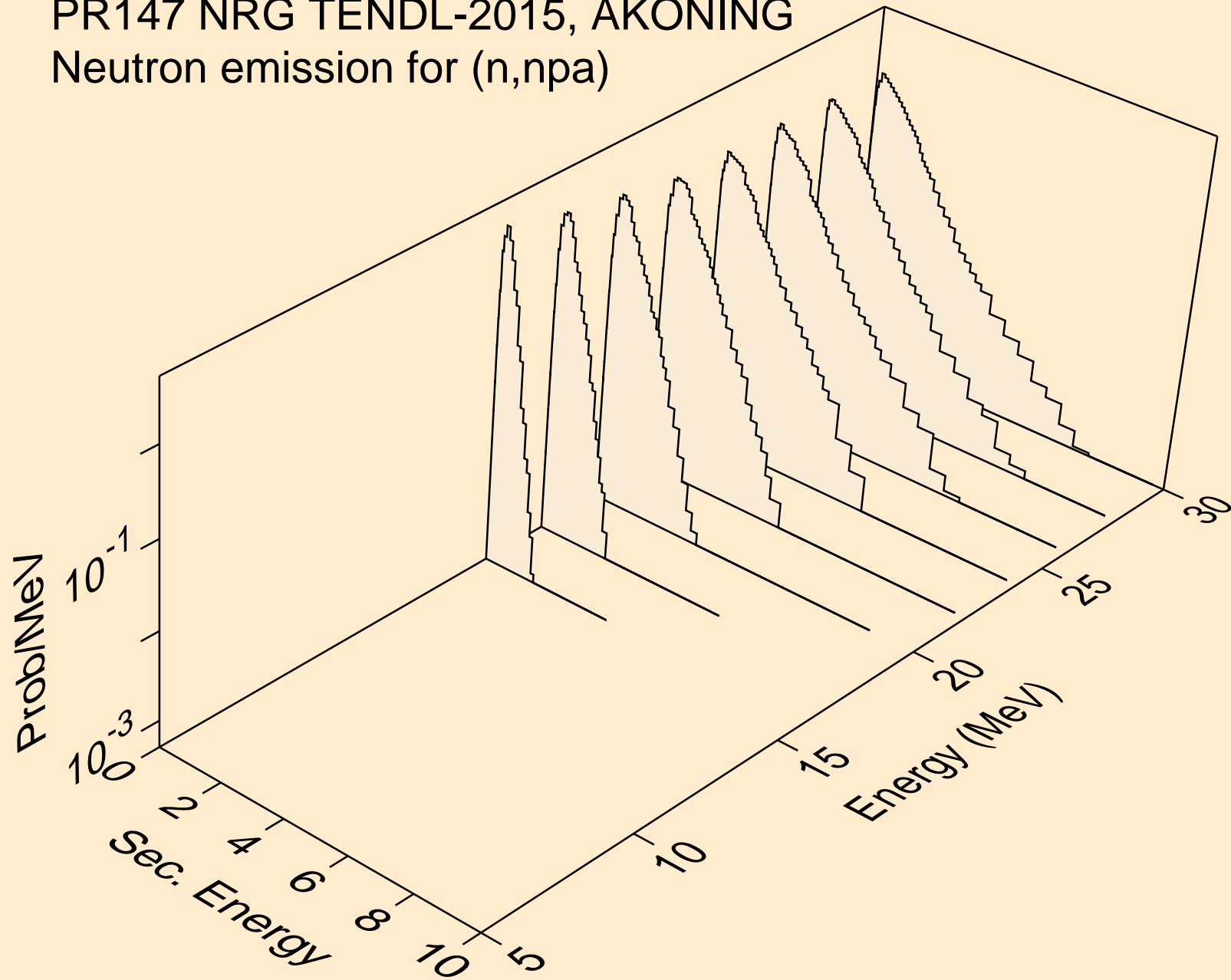
PR147 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



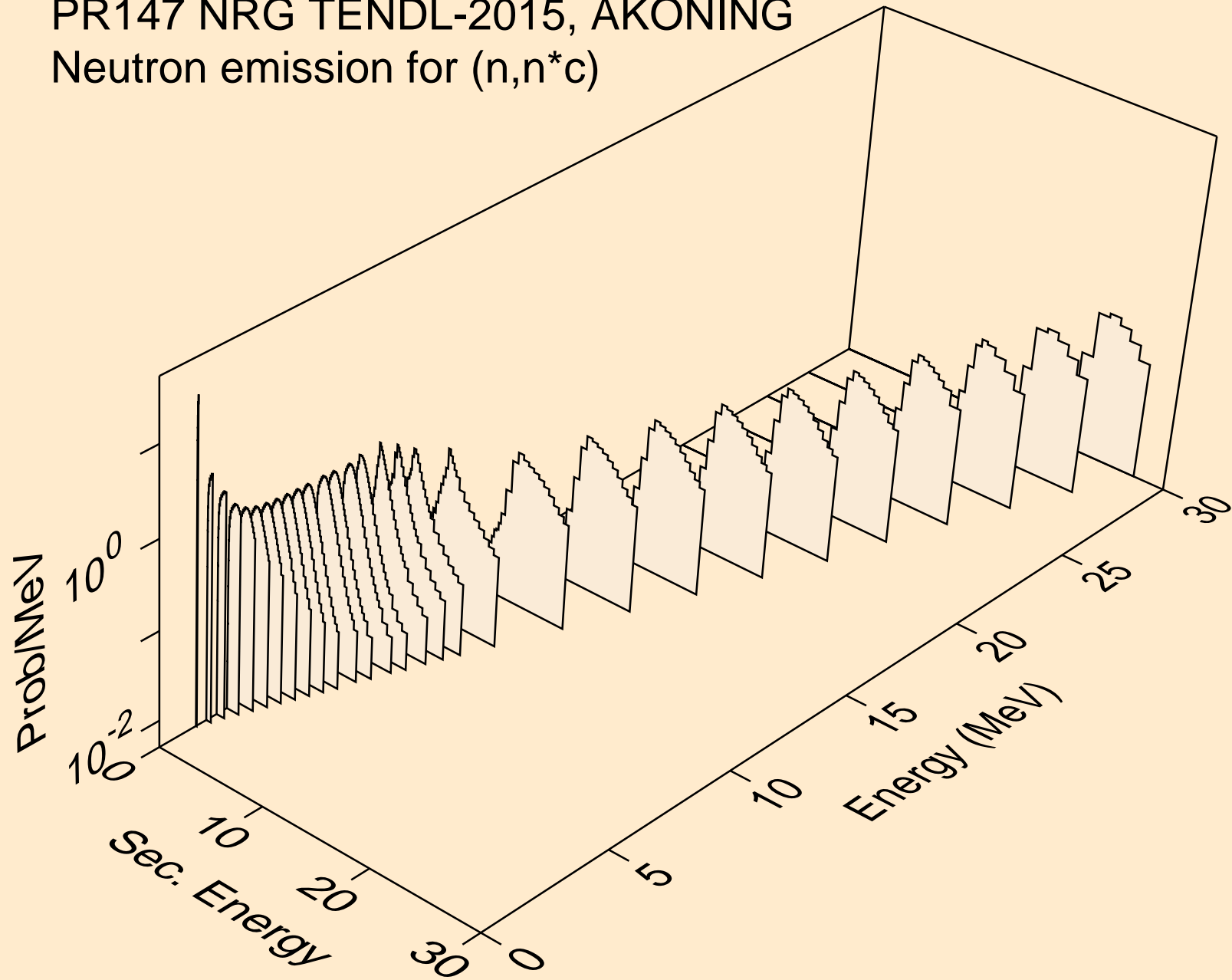
PR147 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



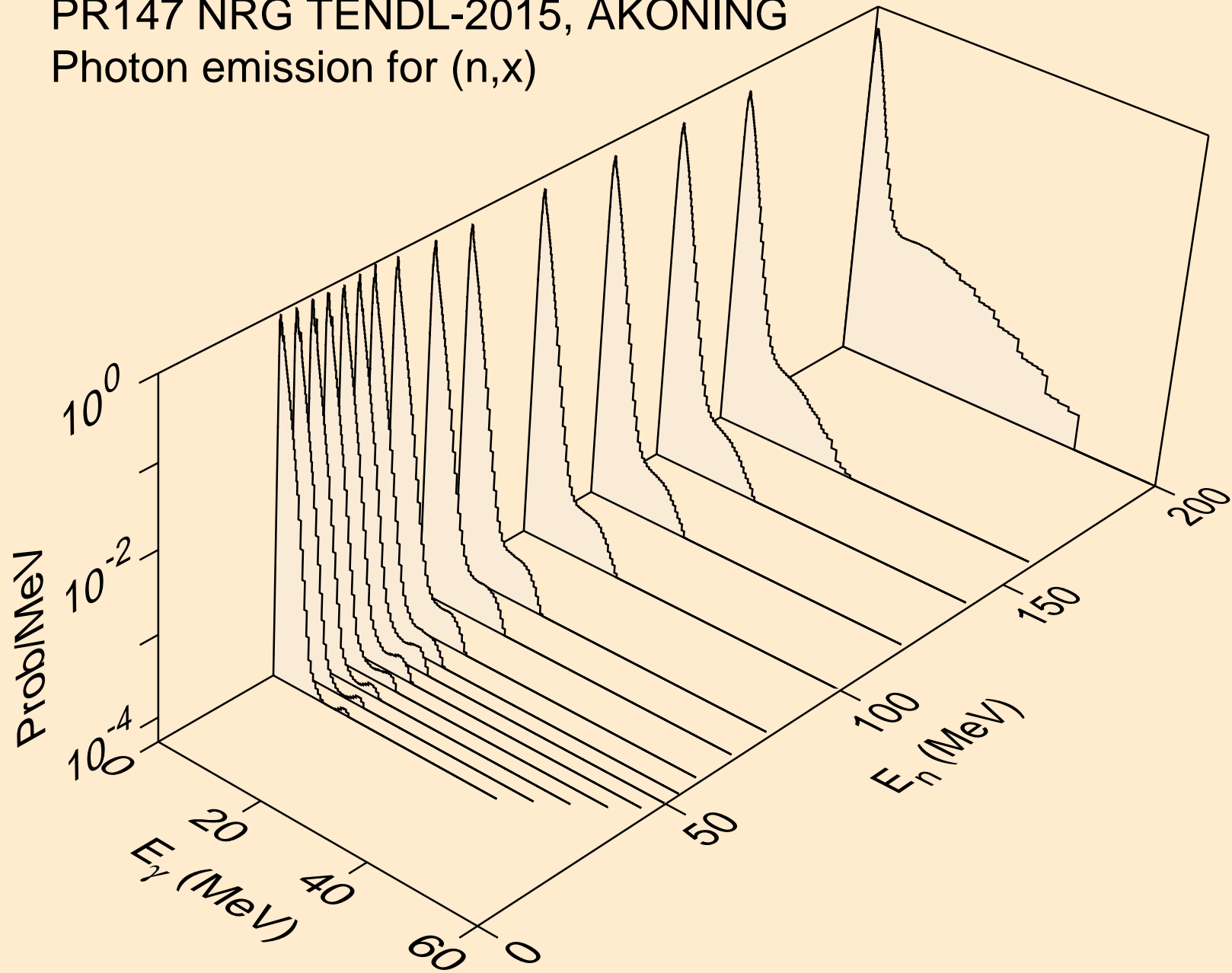
PR147 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



PR147 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

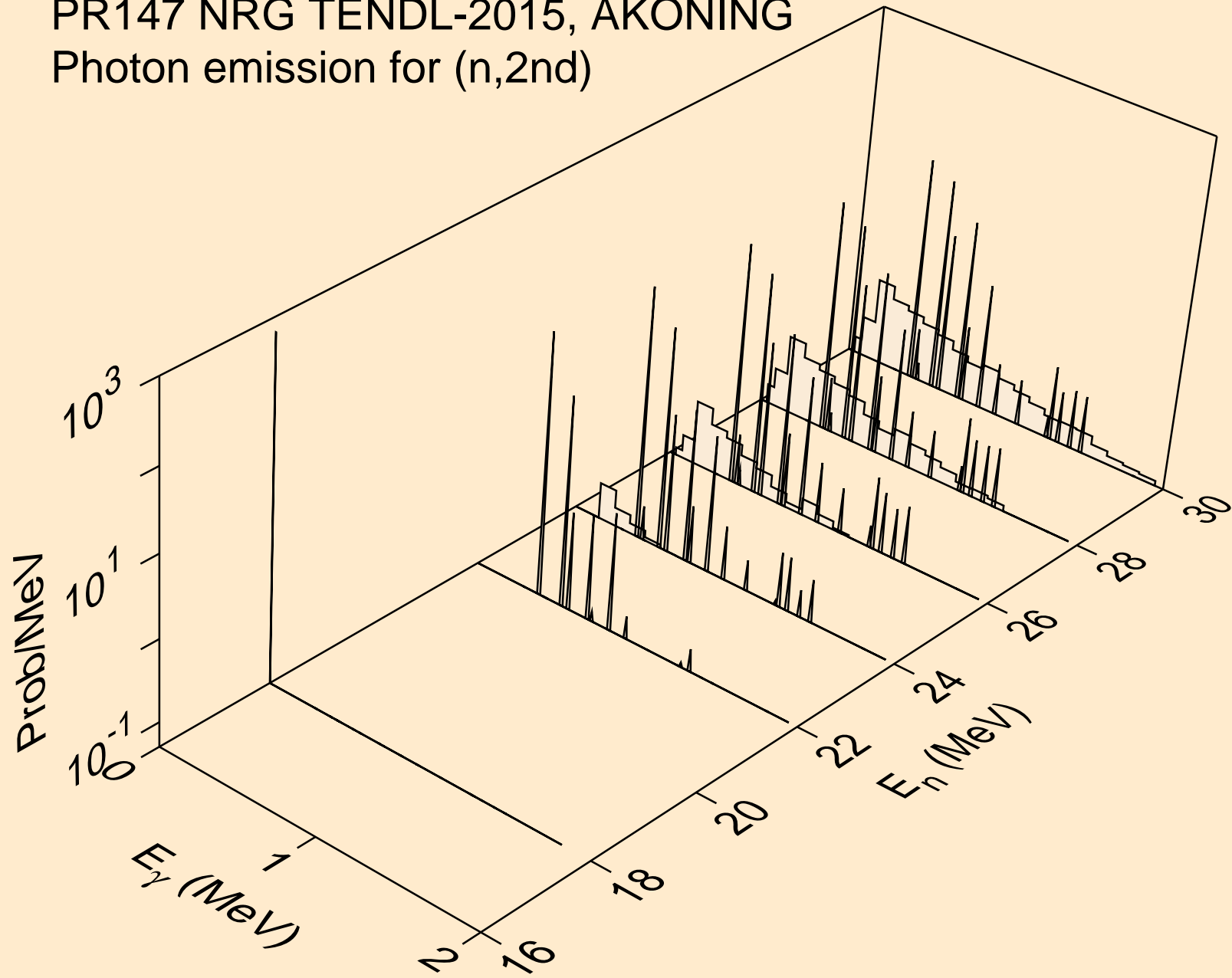


PR147 NRG TENDL-2015, AKONING  
Photon emission for (n,x)

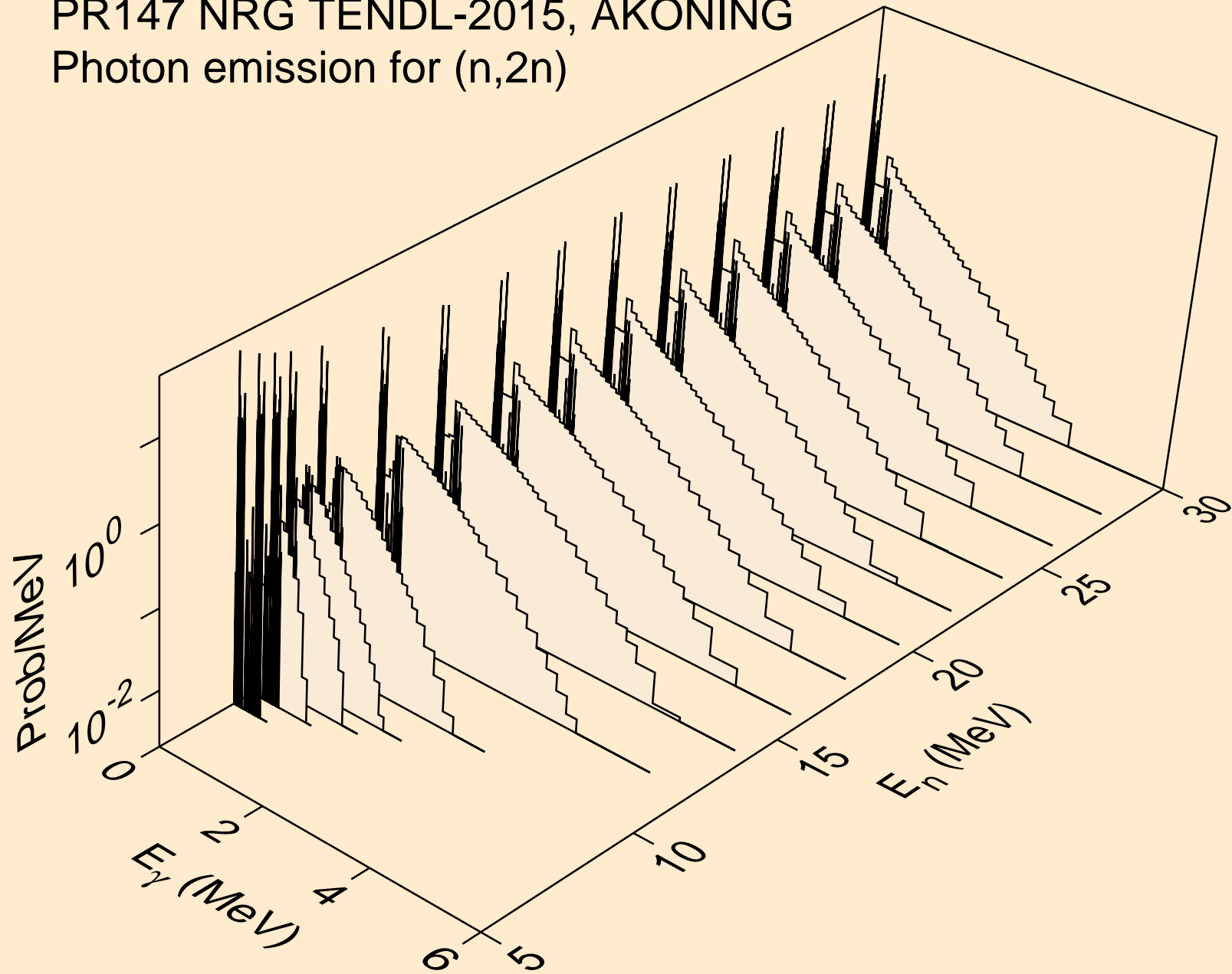




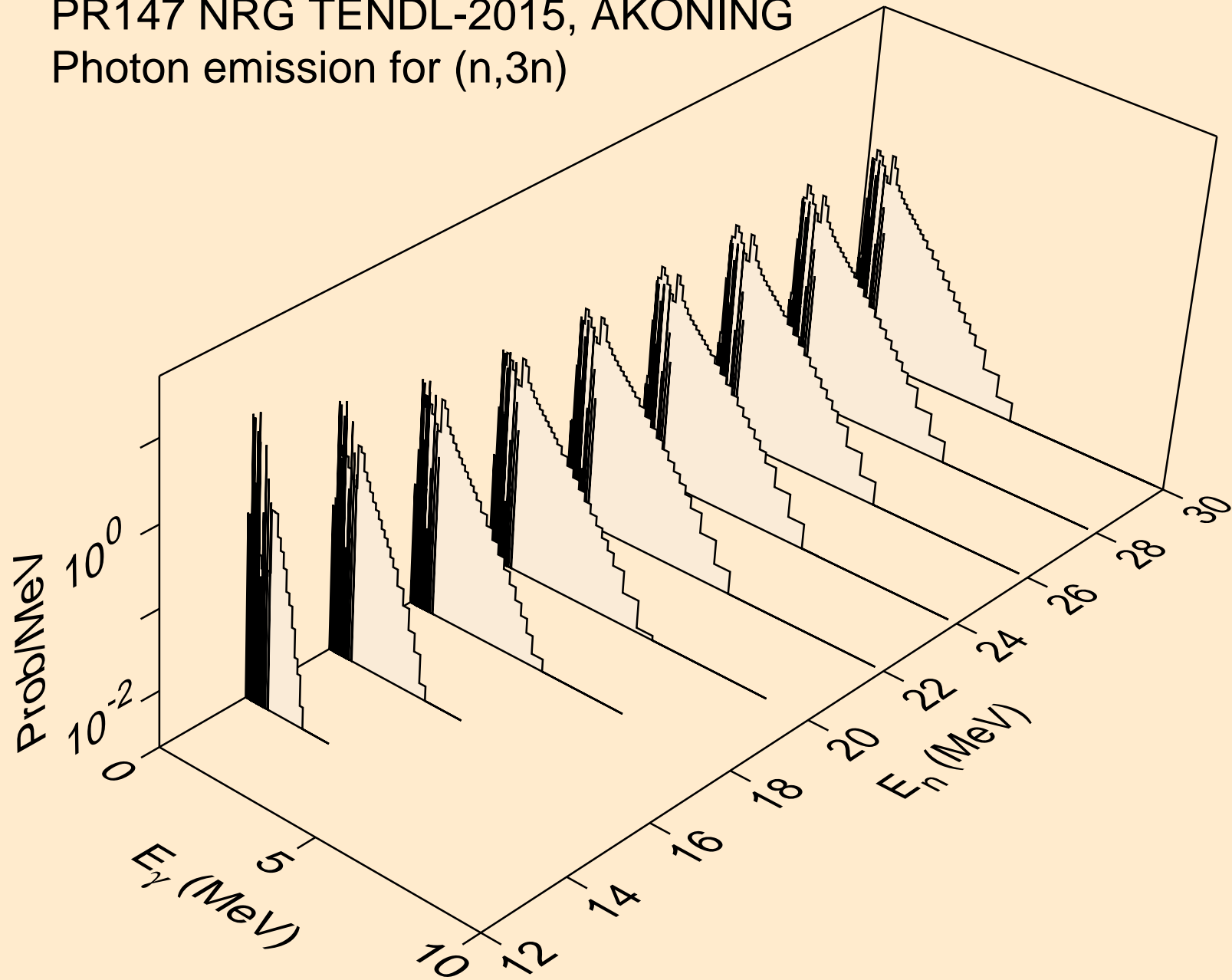
PR147 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



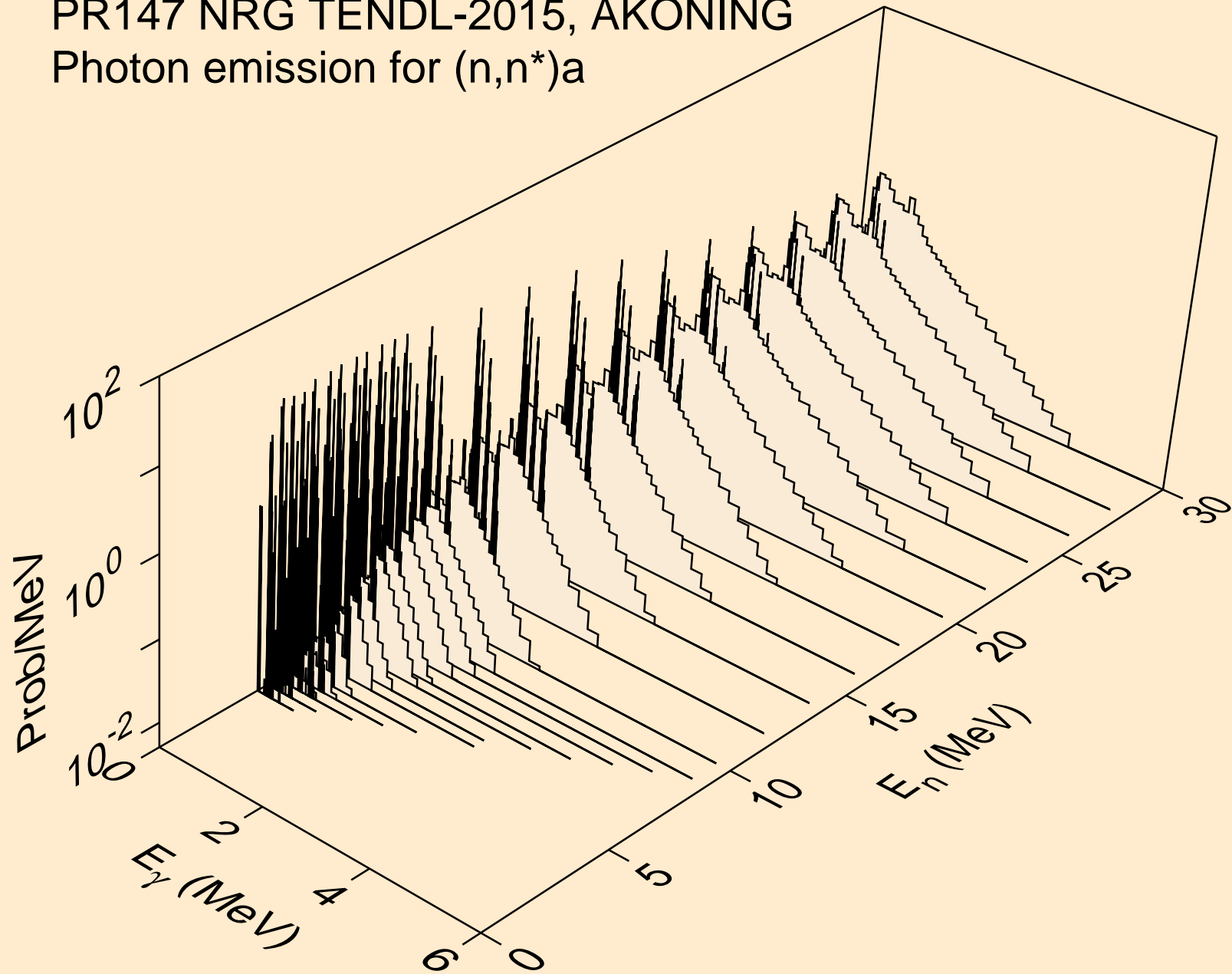
PR147 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



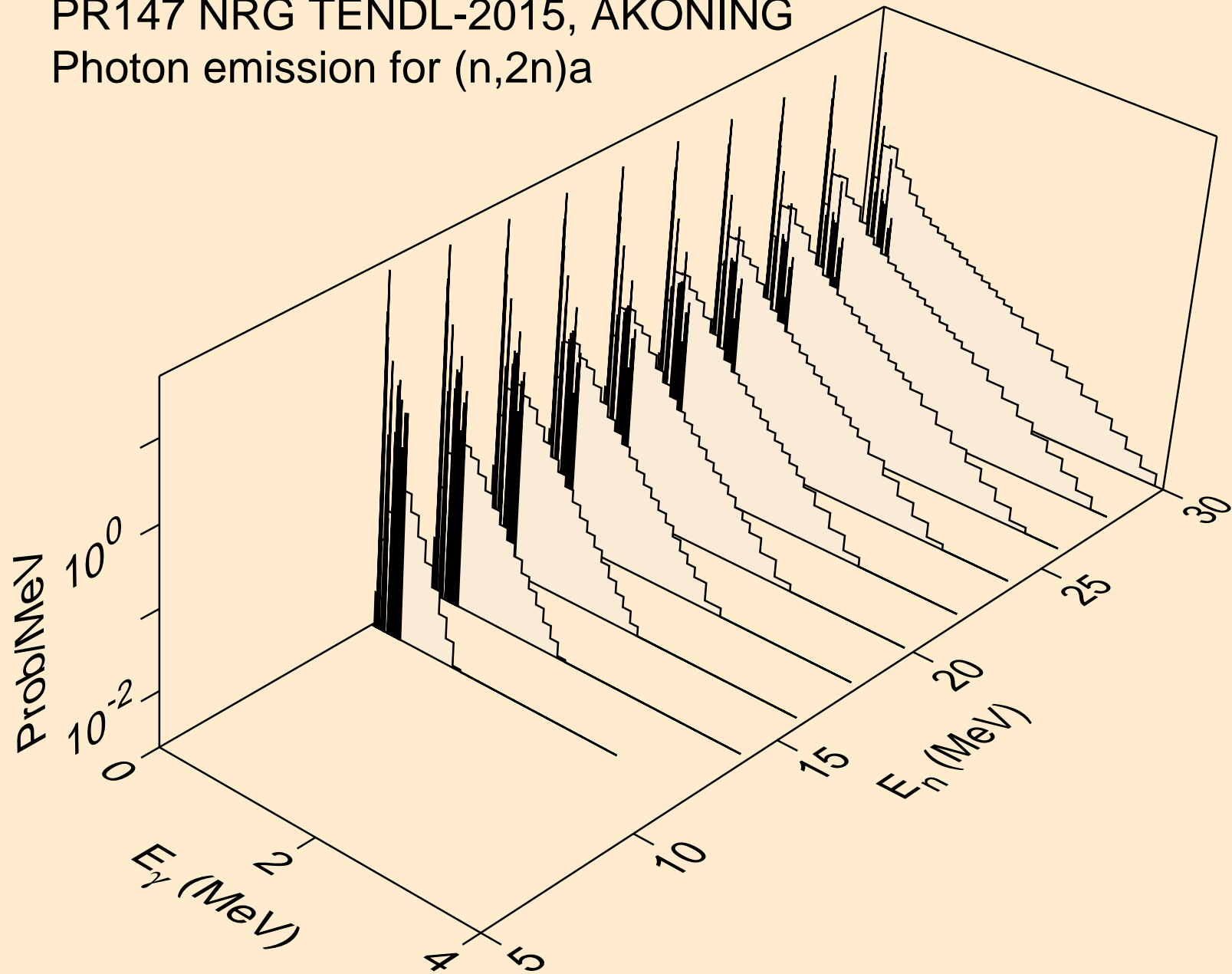
PR147 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



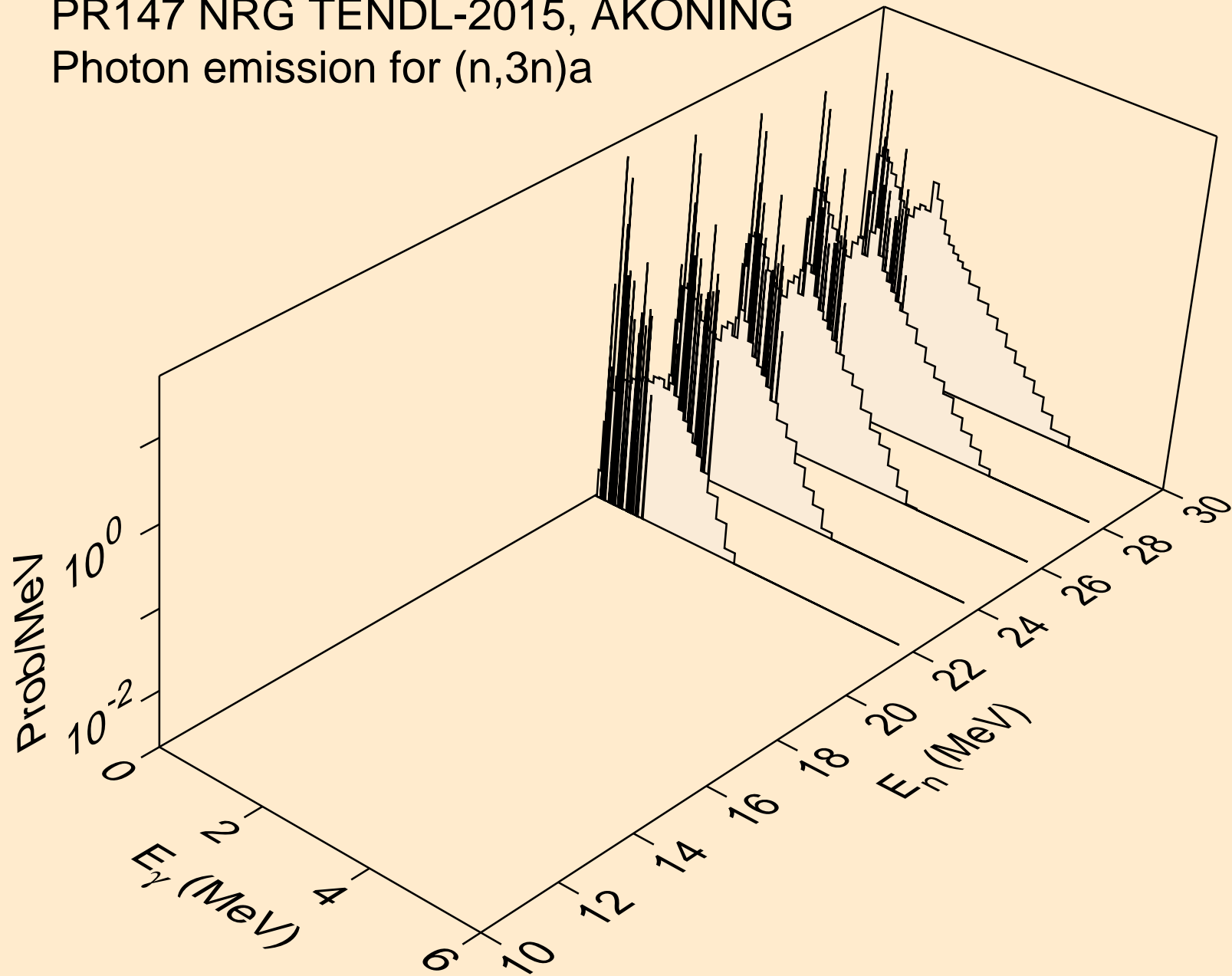
PR147 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



PR147 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

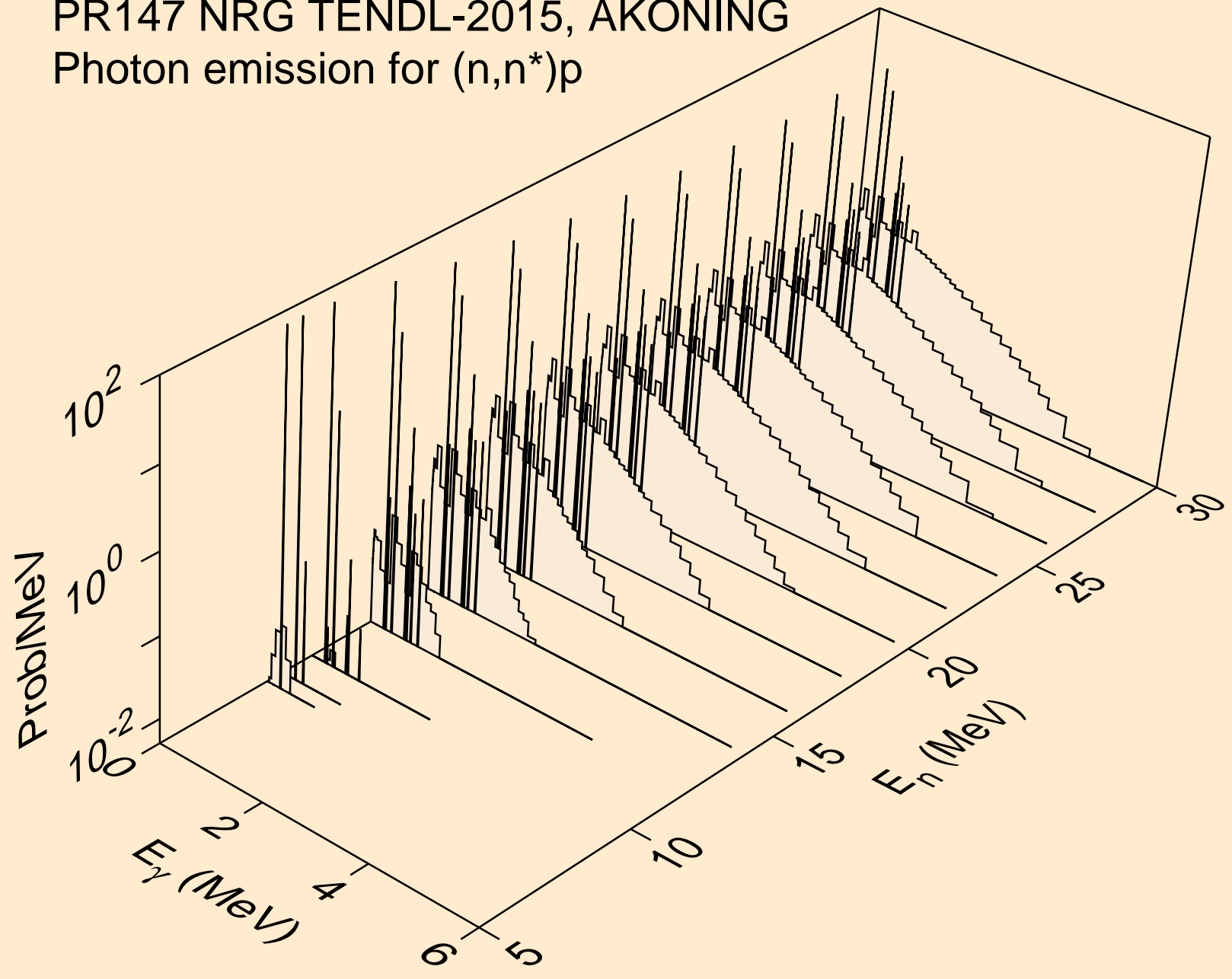


PR147 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

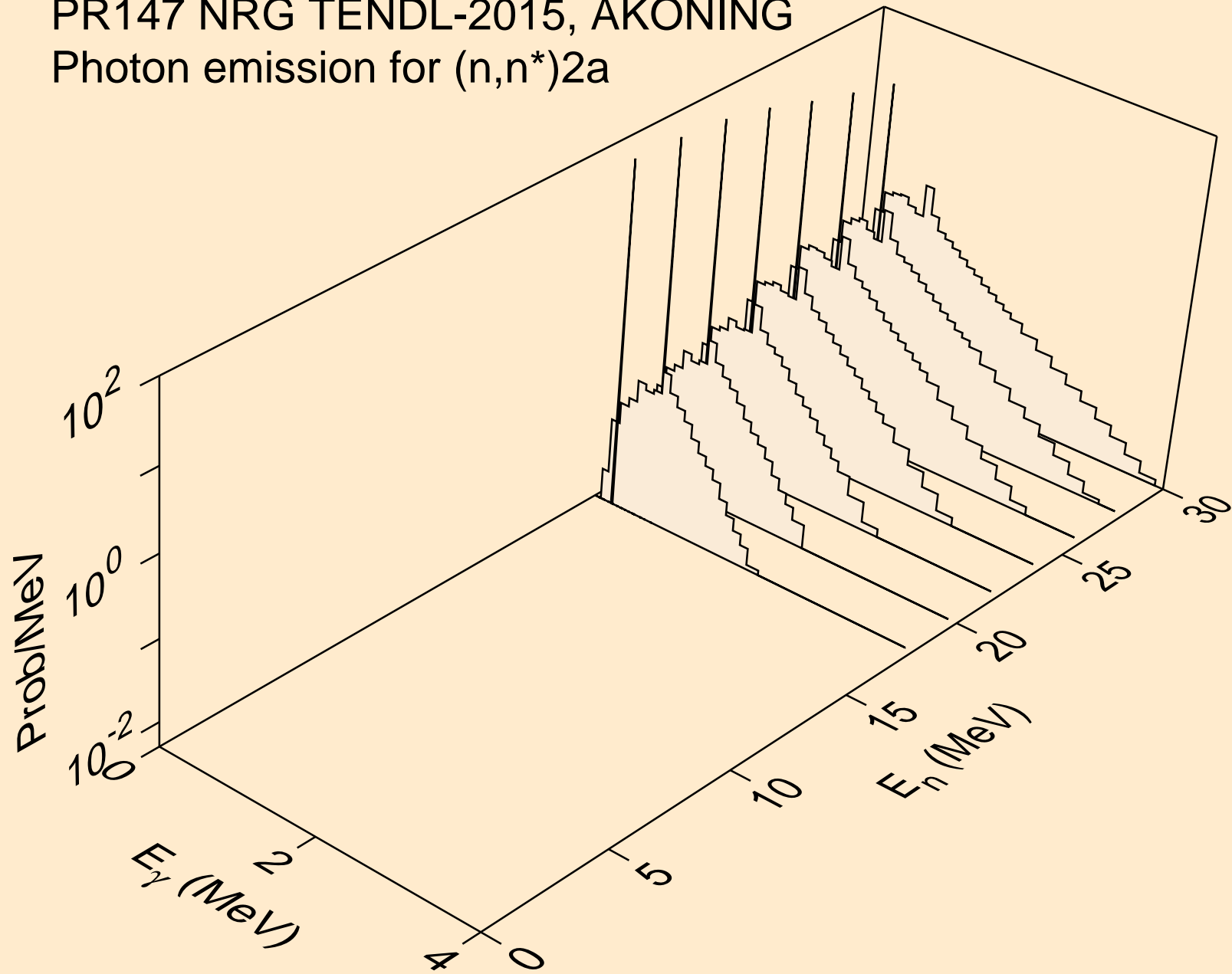


# PR147 NRG TENDL-2015, AKONING

Photon emission for (n,n\*)p

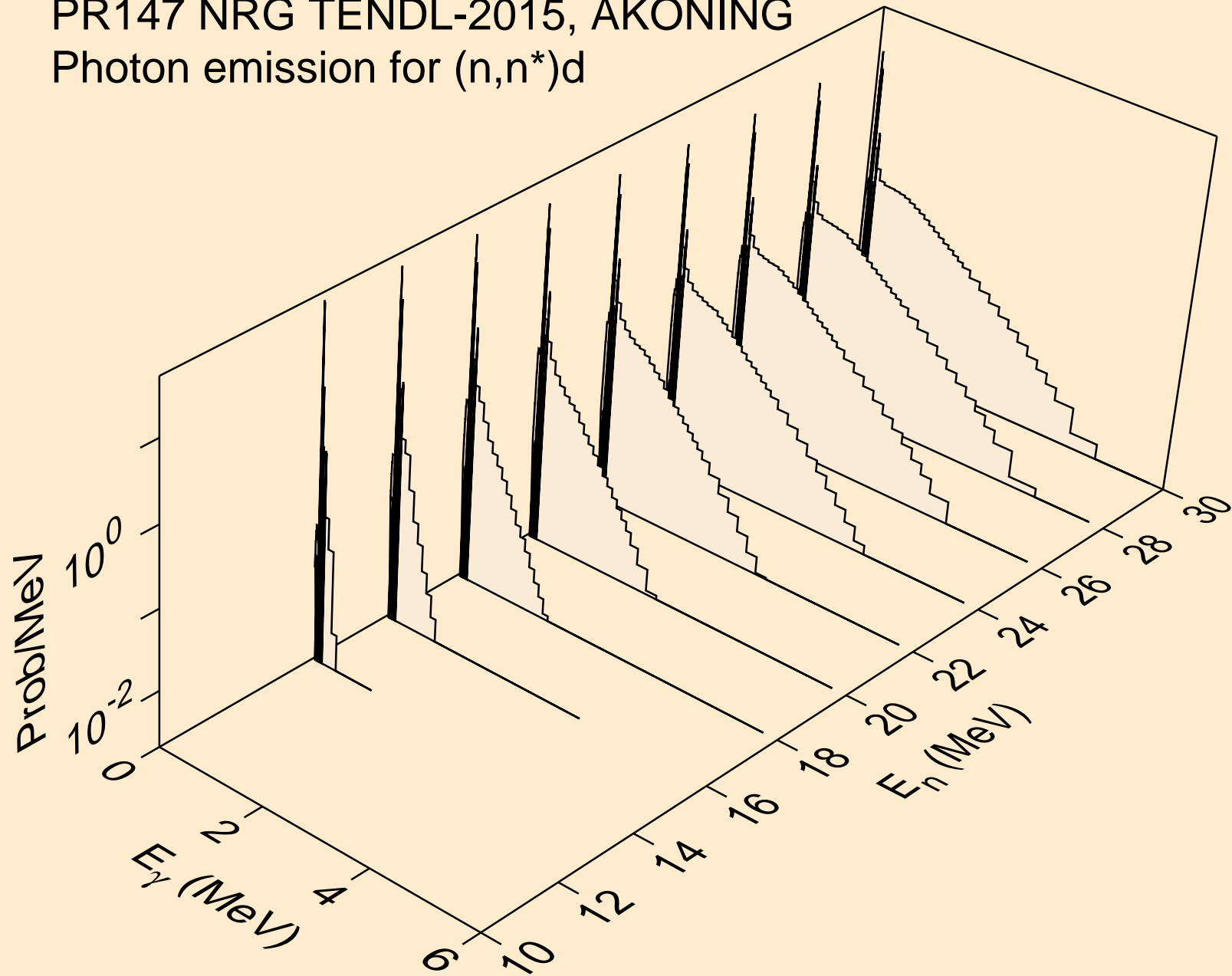


PR147 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a

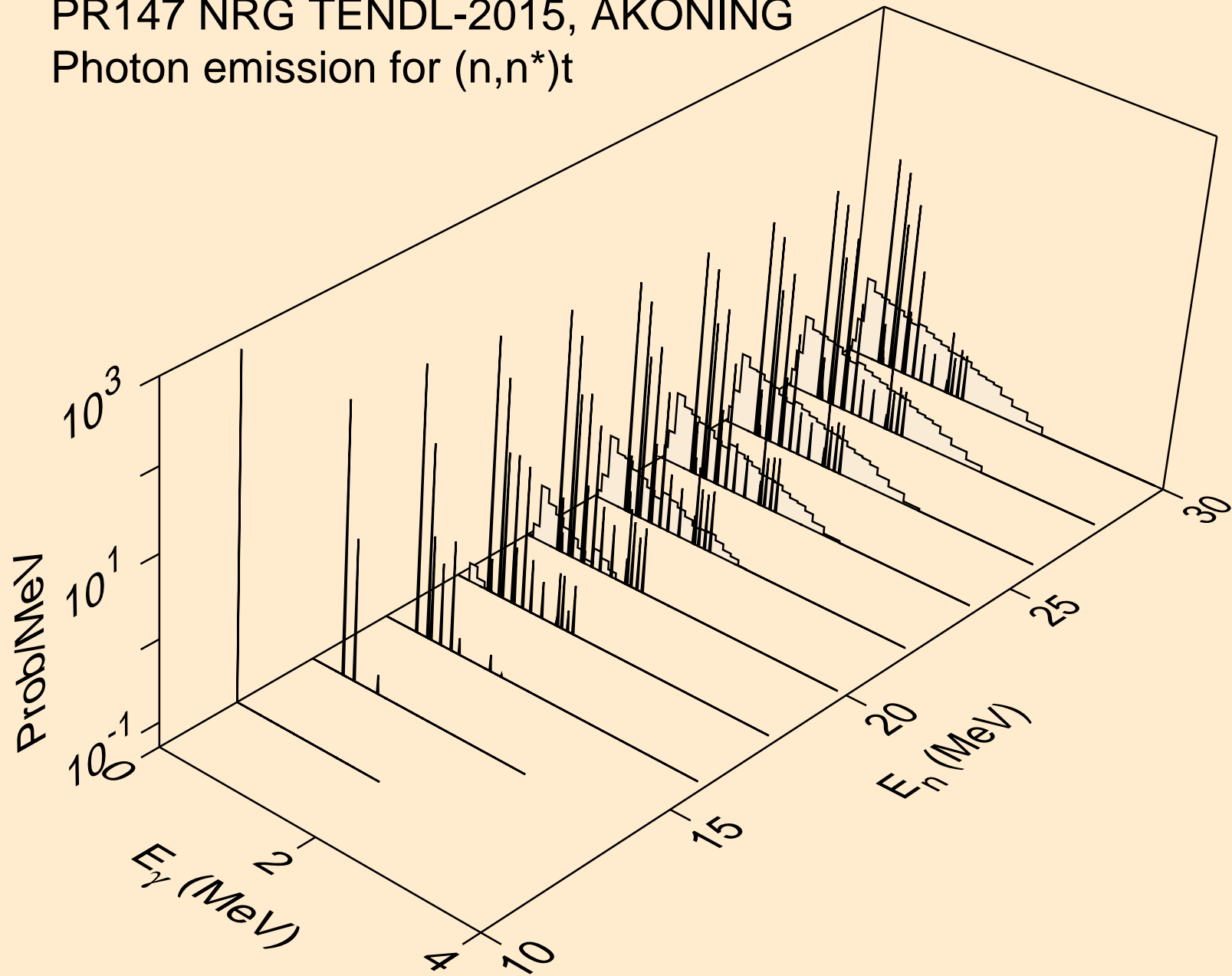




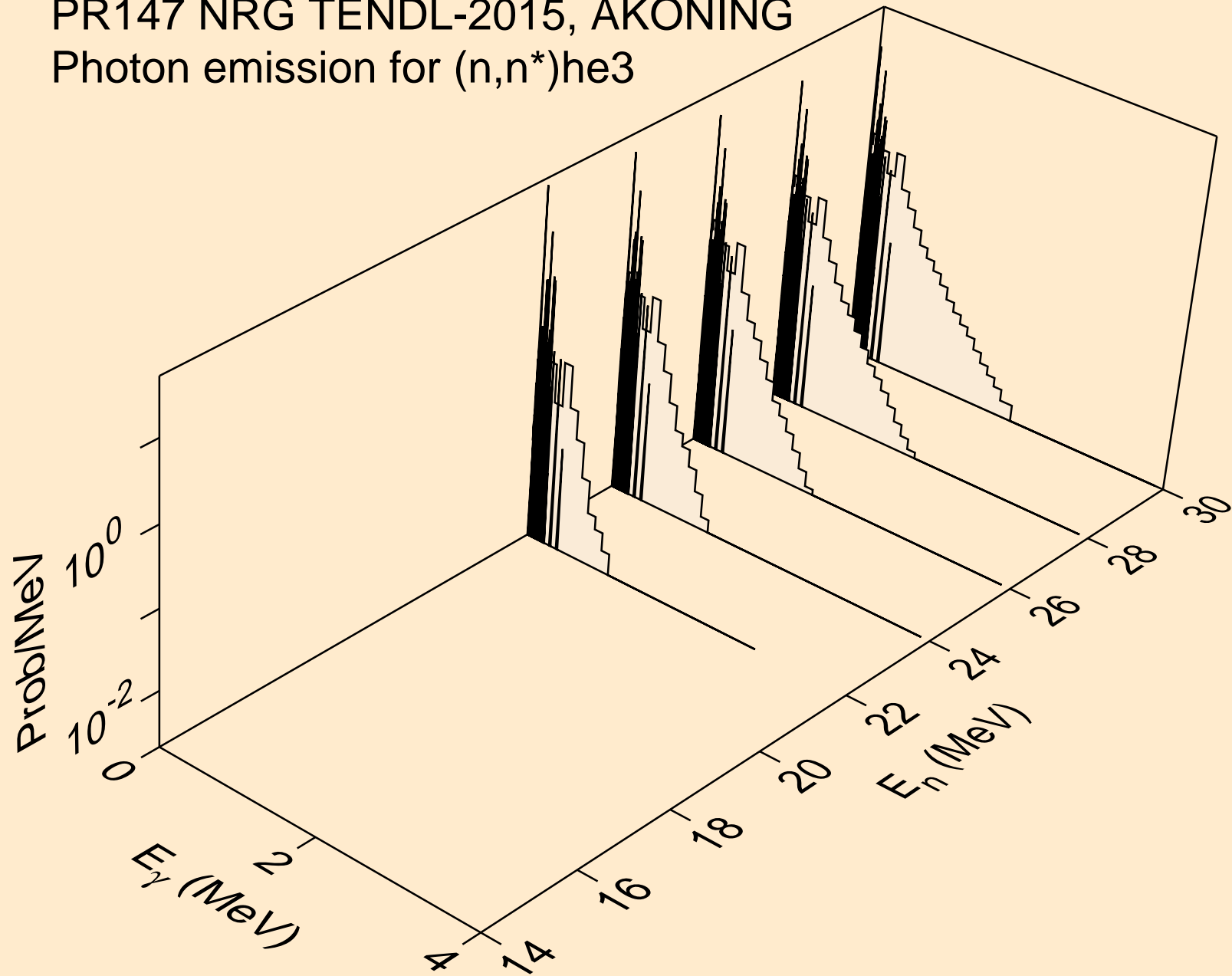
PR147 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



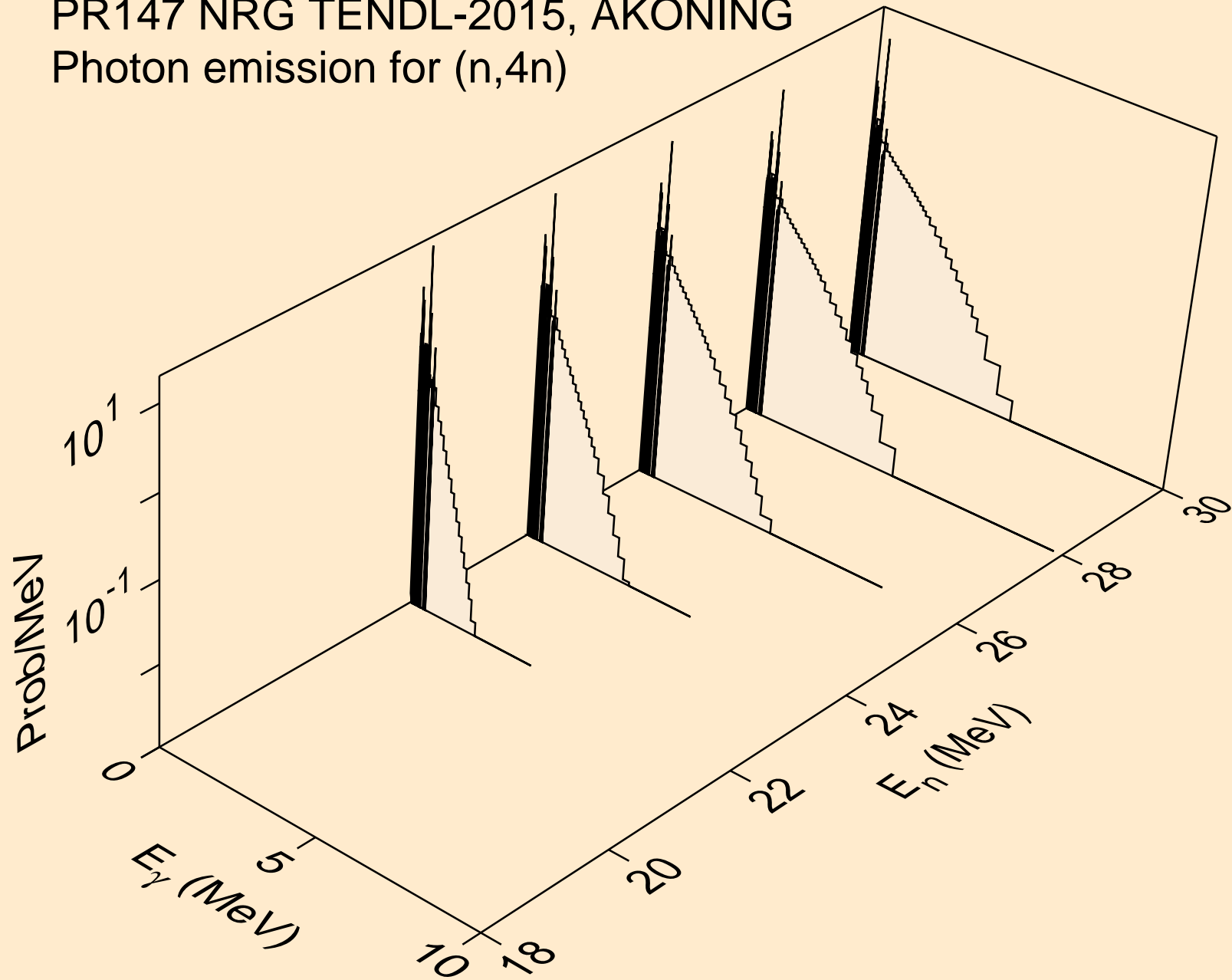
PR147 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



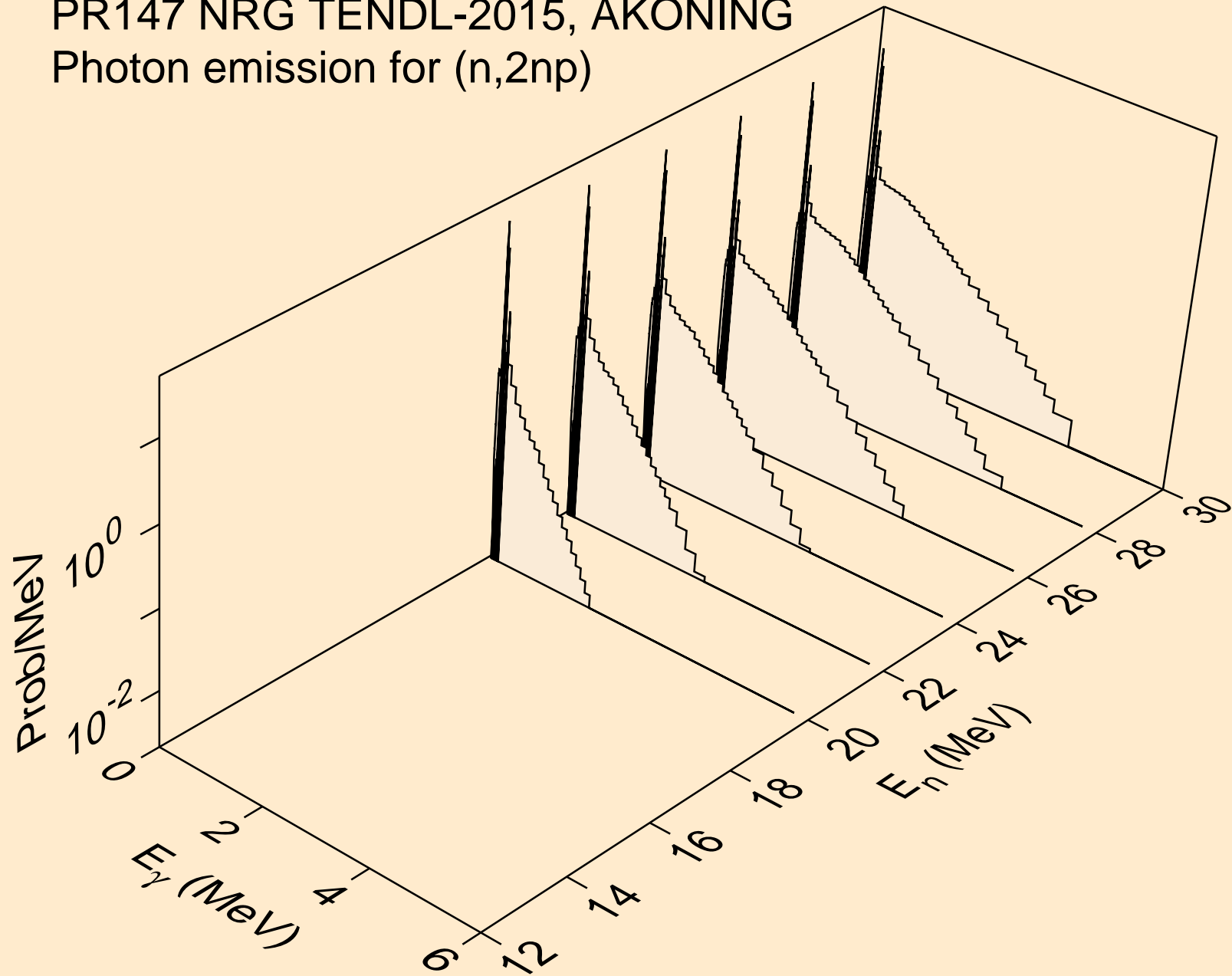
PR147 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



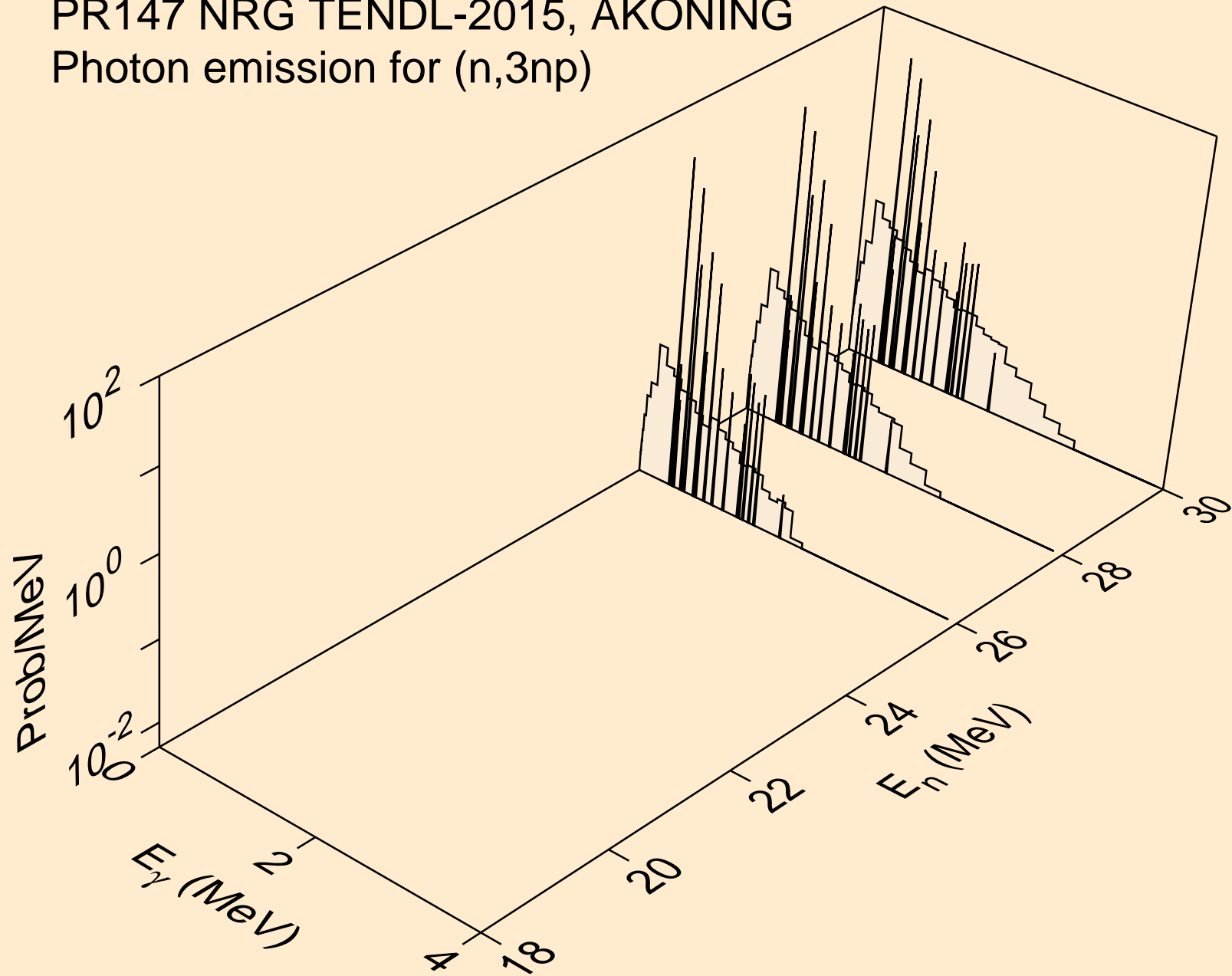
PR147 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



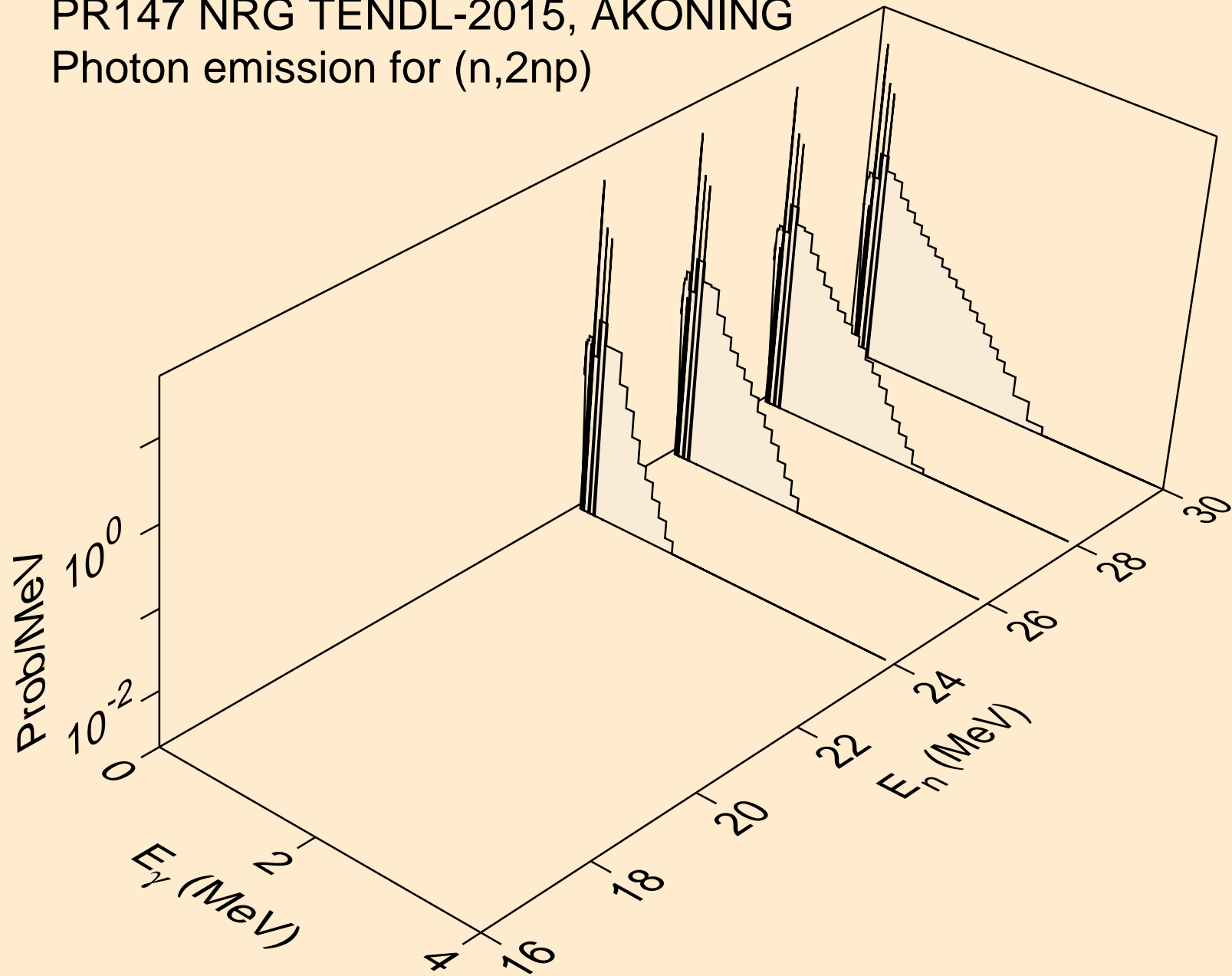
PR147 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



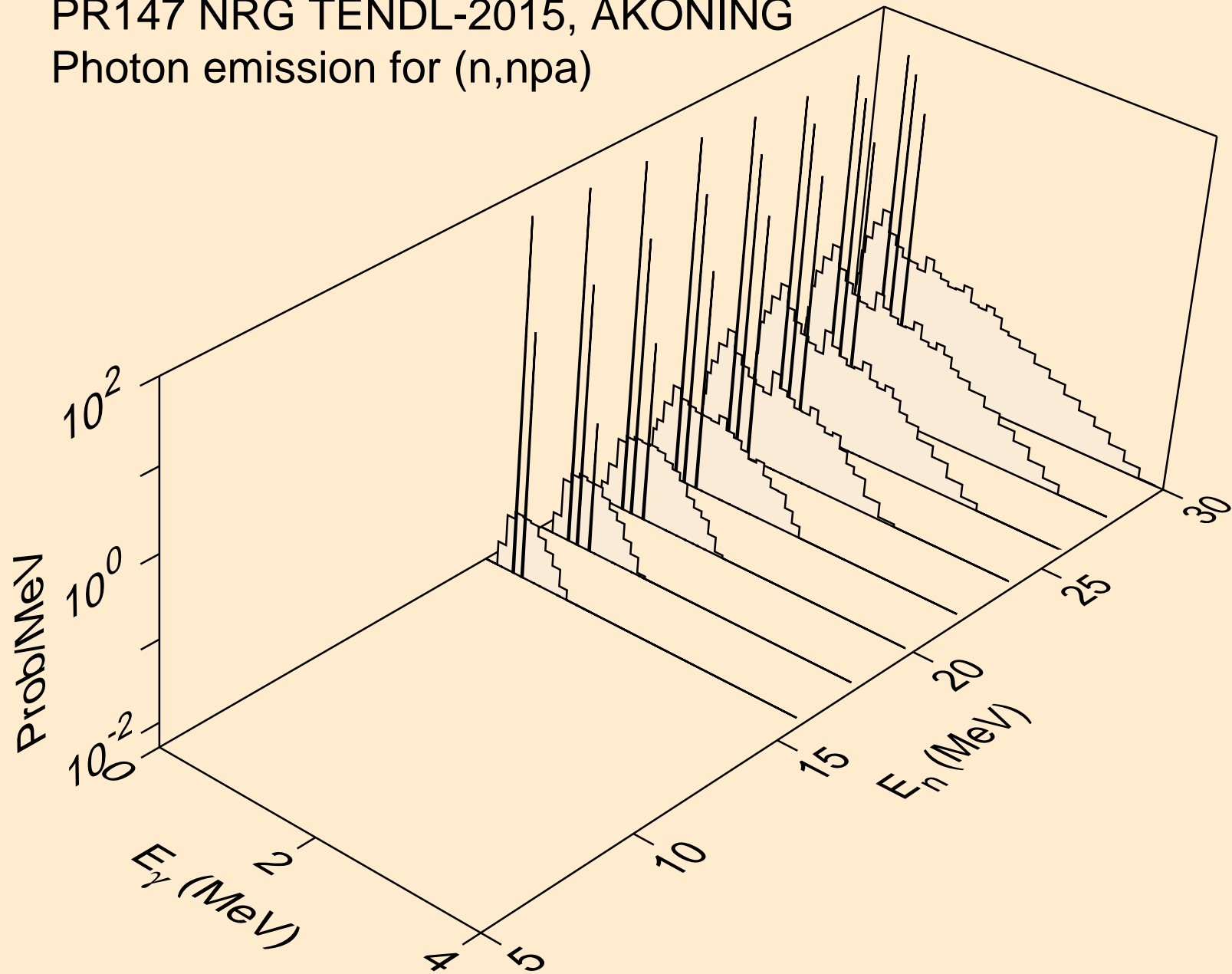
PR147 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



PR147 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

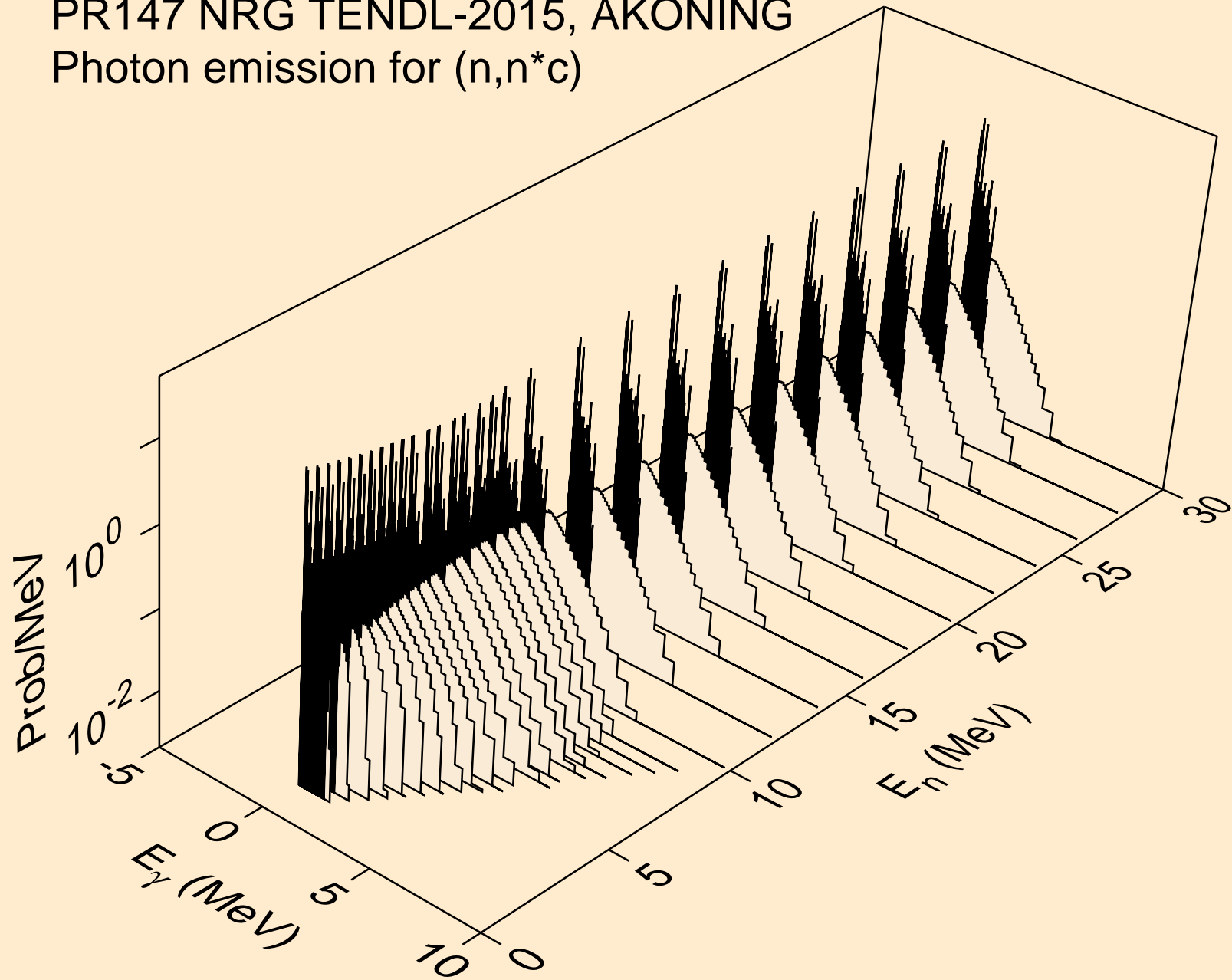


PR147 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

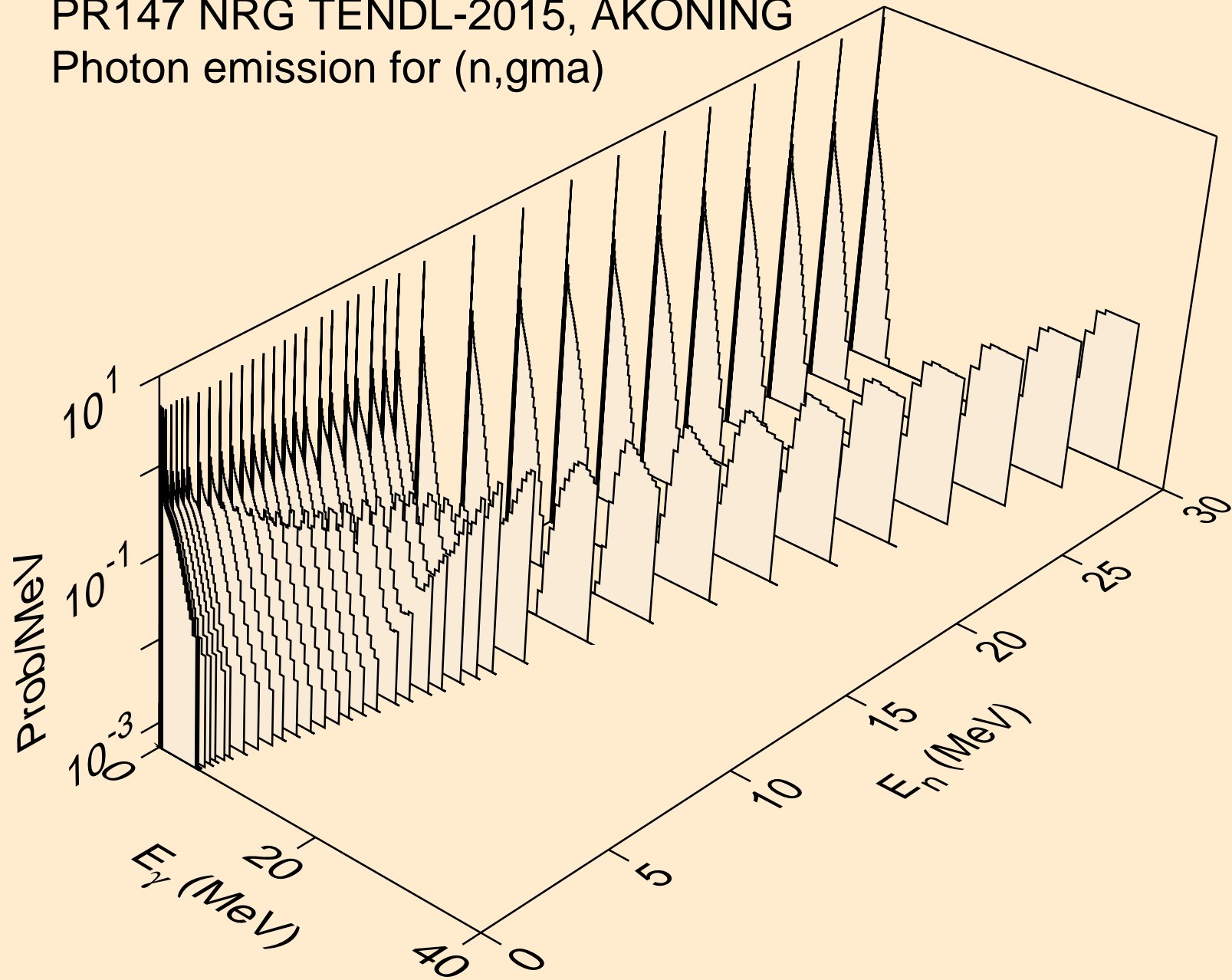




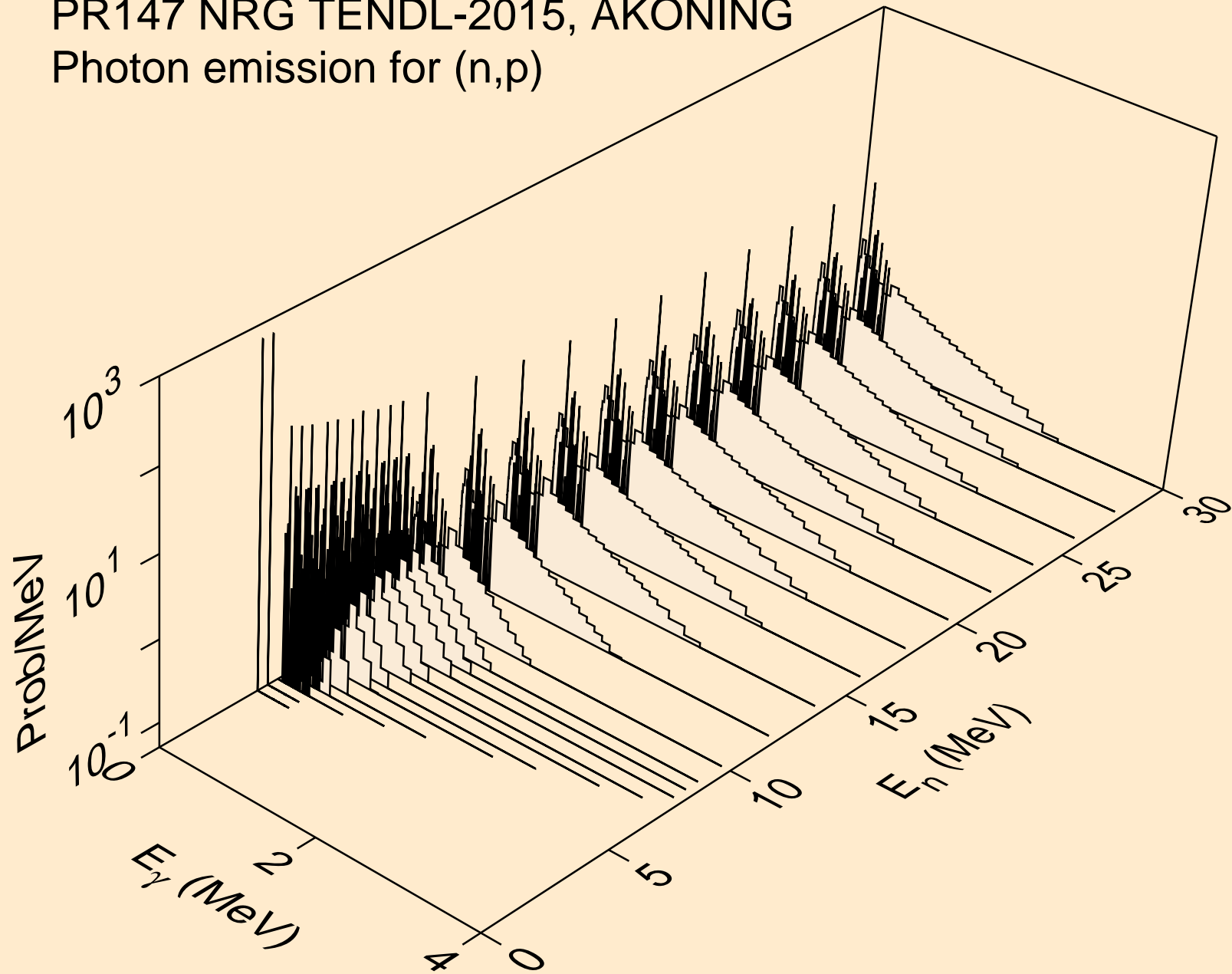
PR147 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



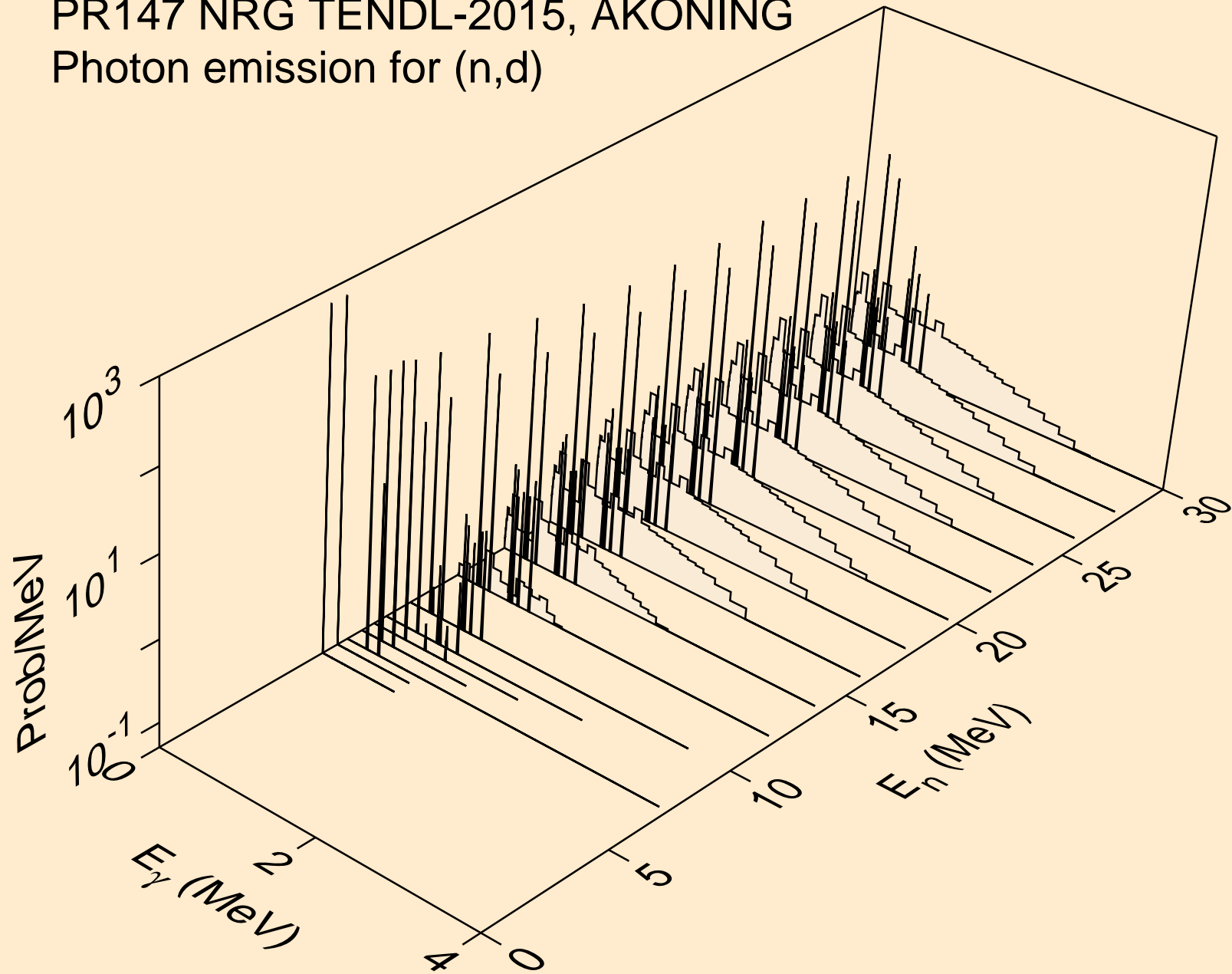
PR147 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



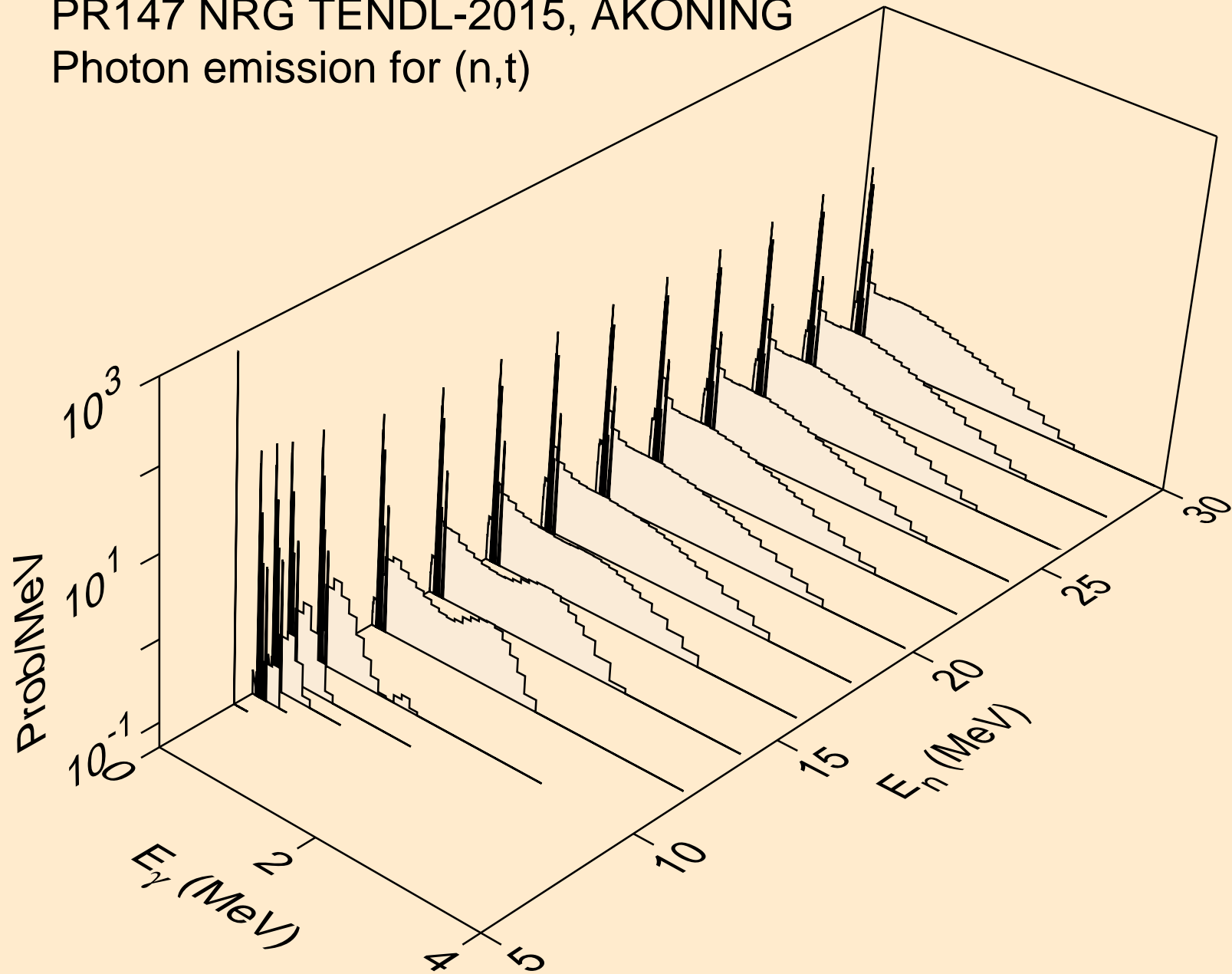
PR147 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



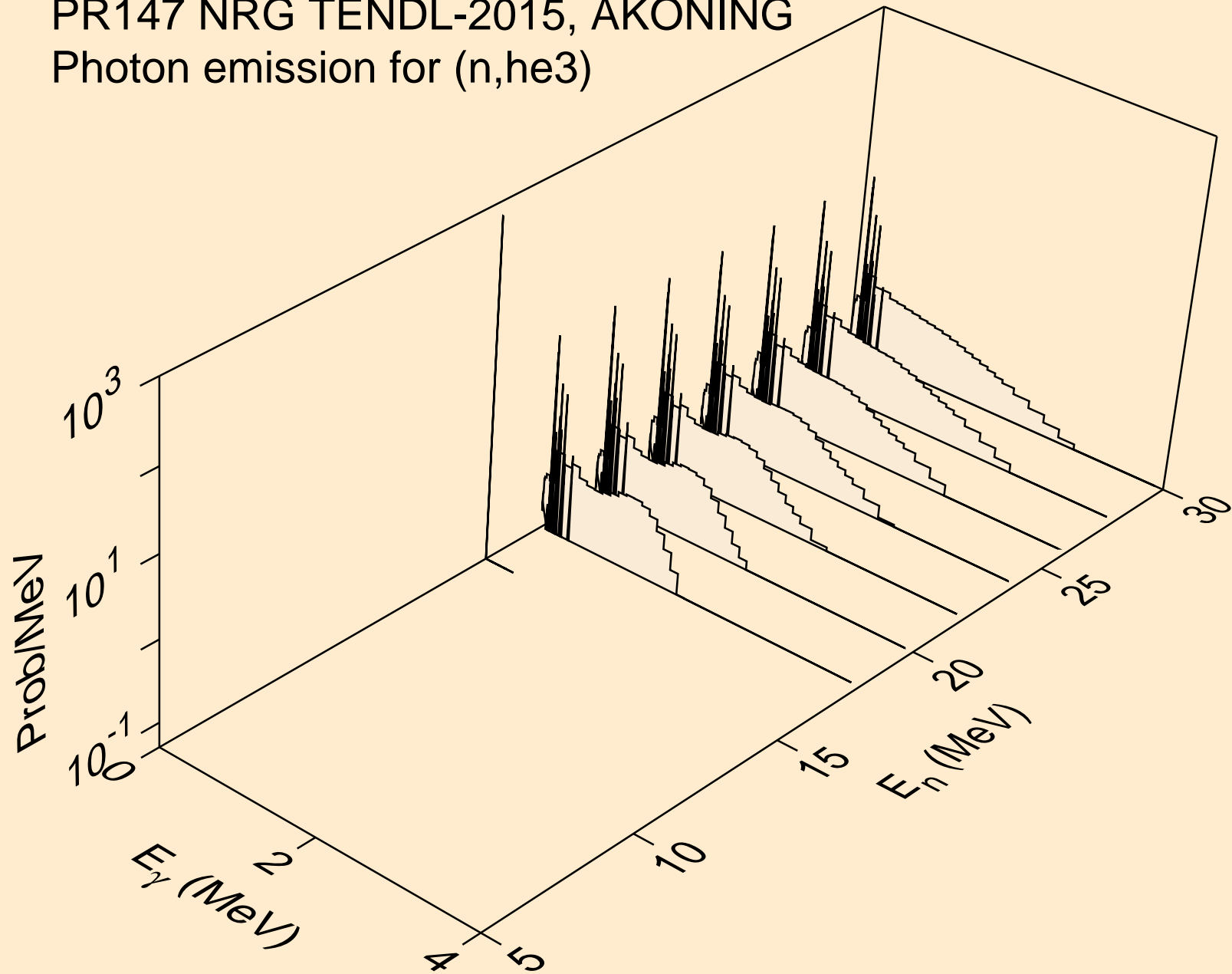
PR147 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



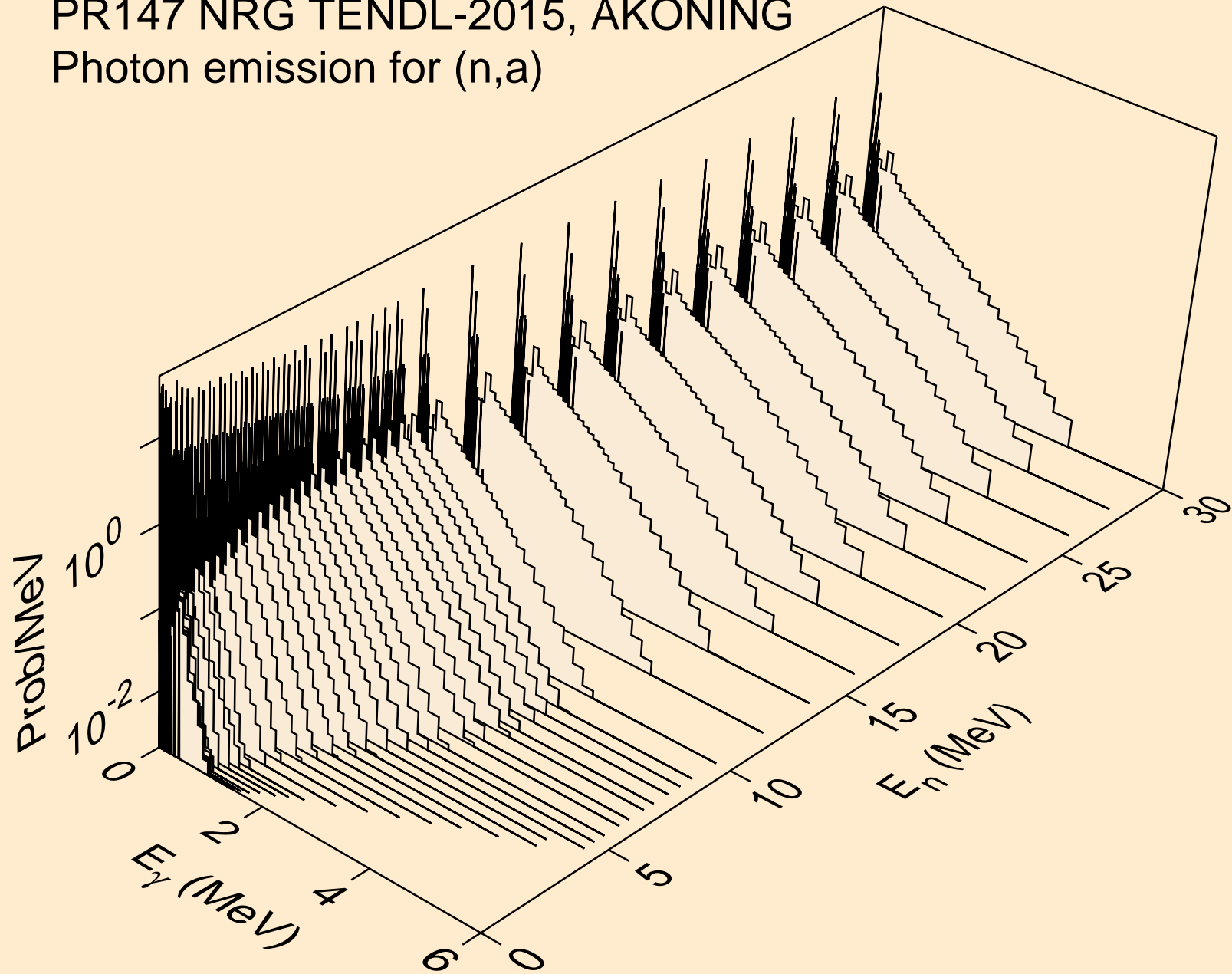
PR147 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



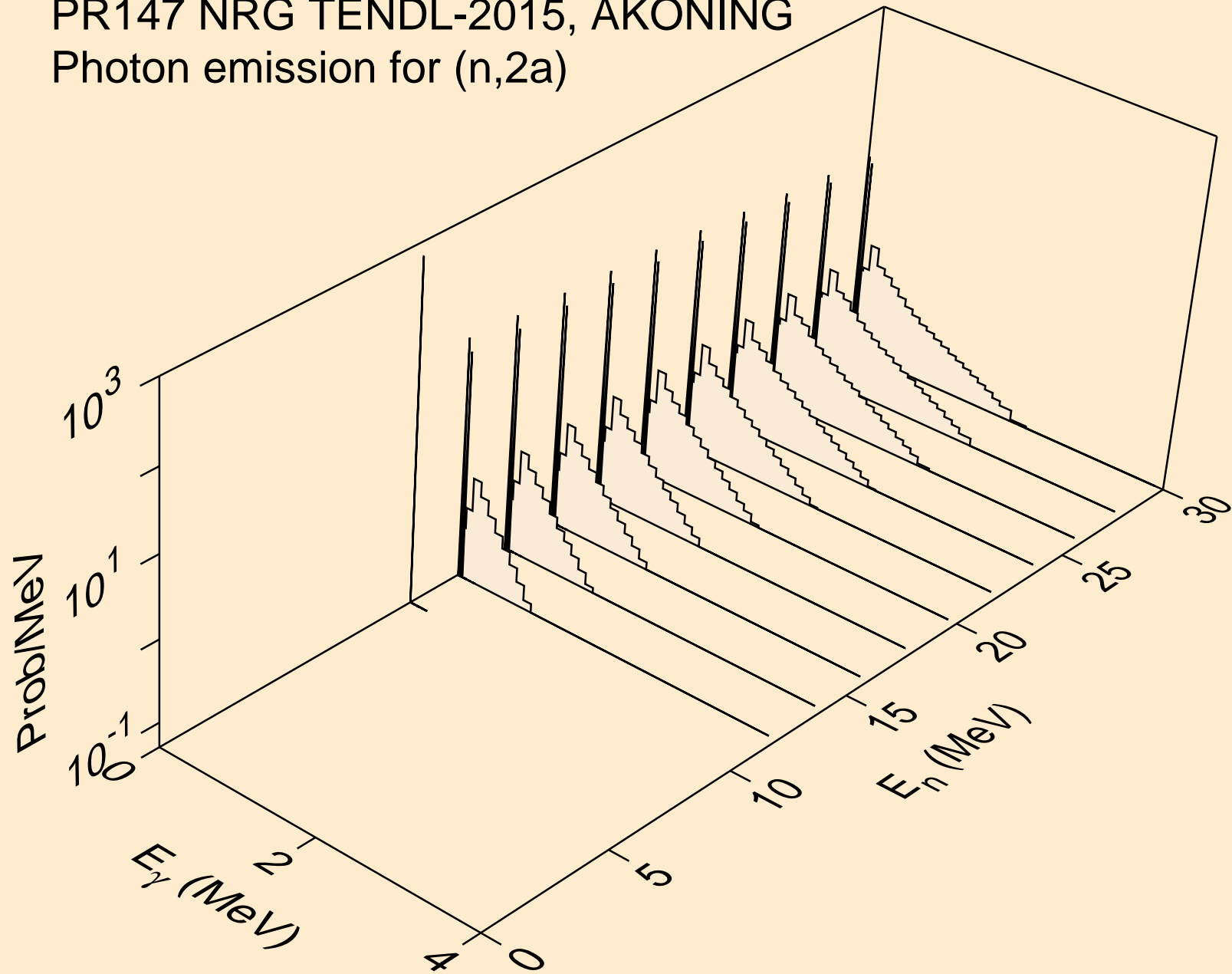
PR147 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



PR147 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

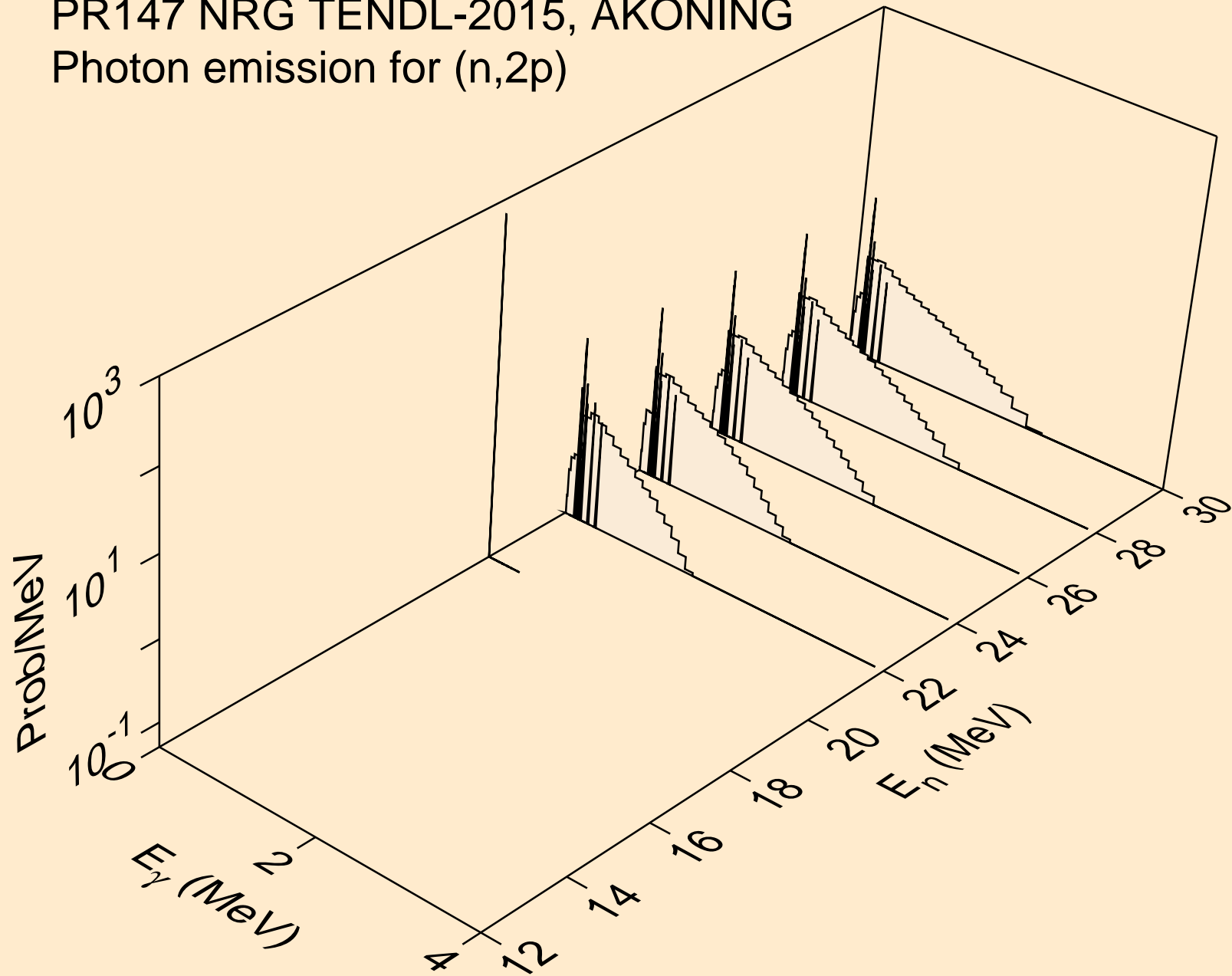


PR147 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

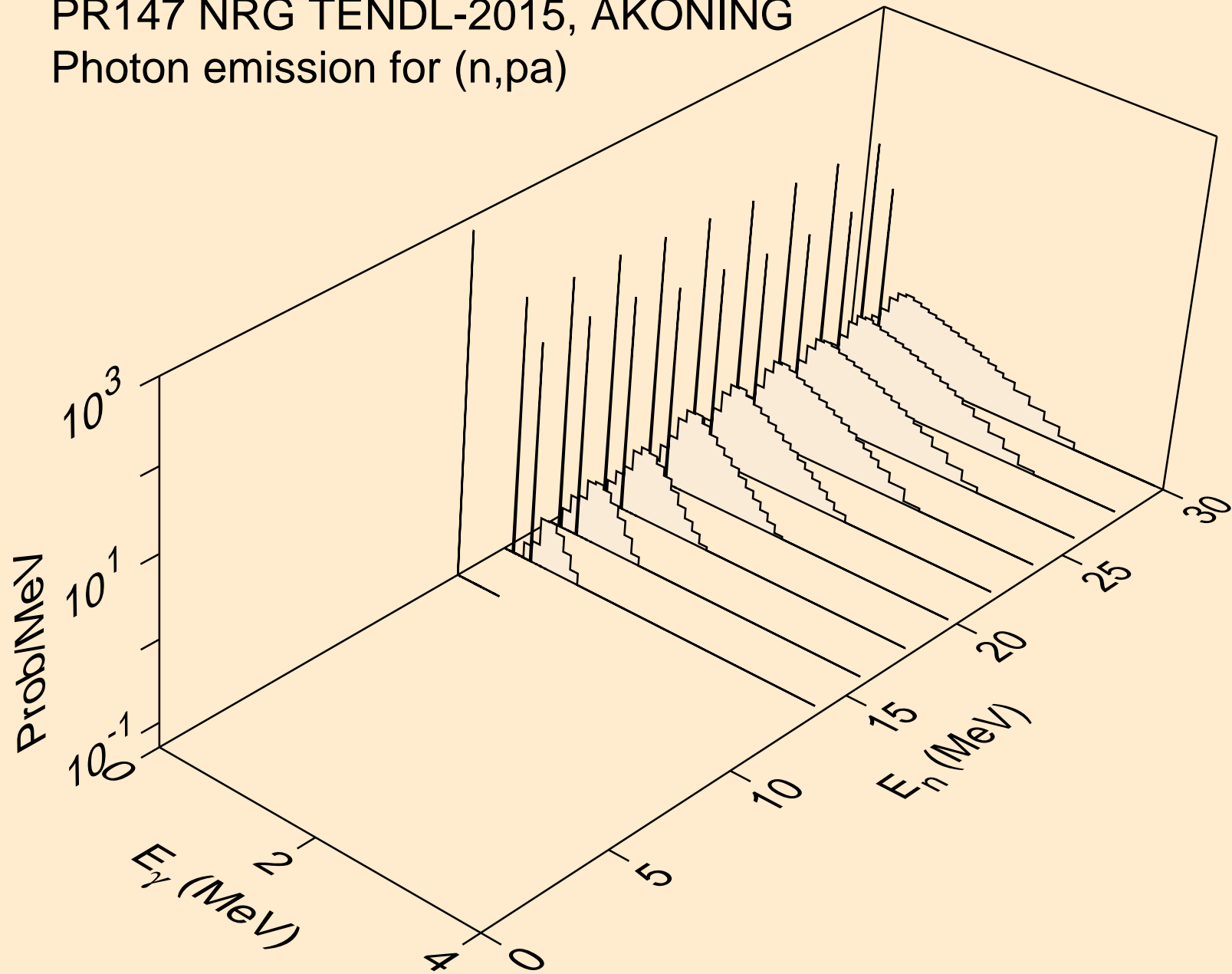




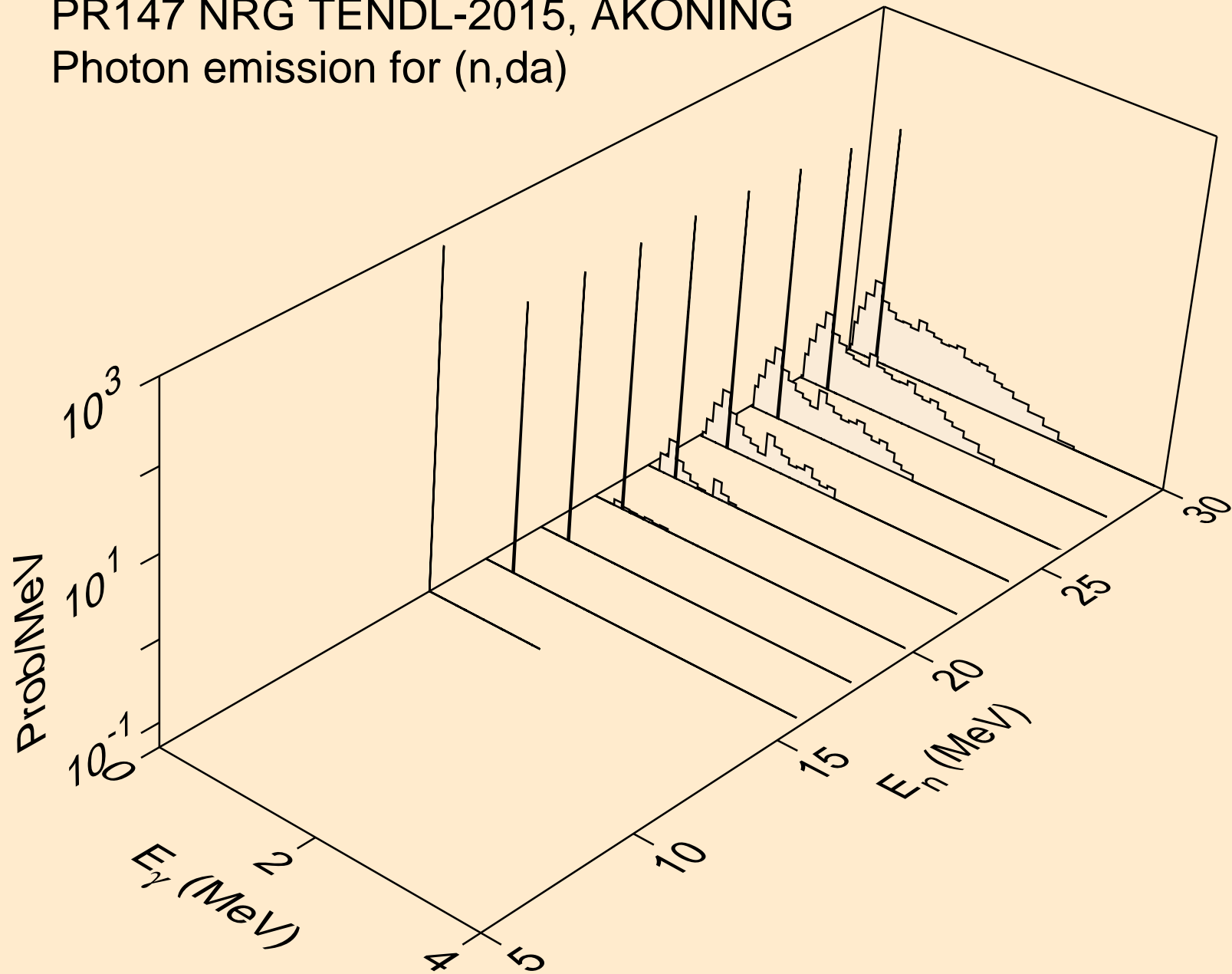
PR147 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



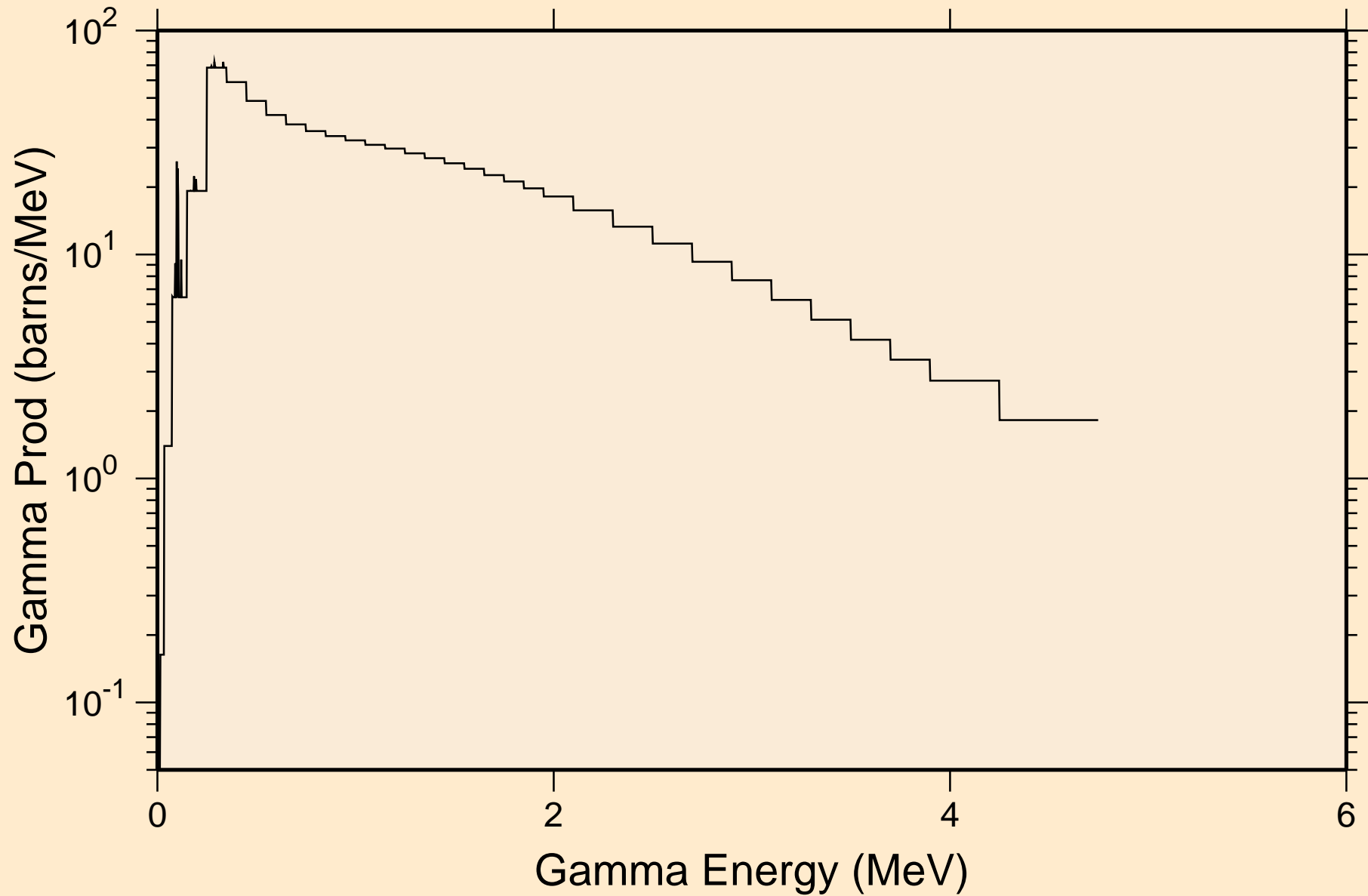
PR147 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



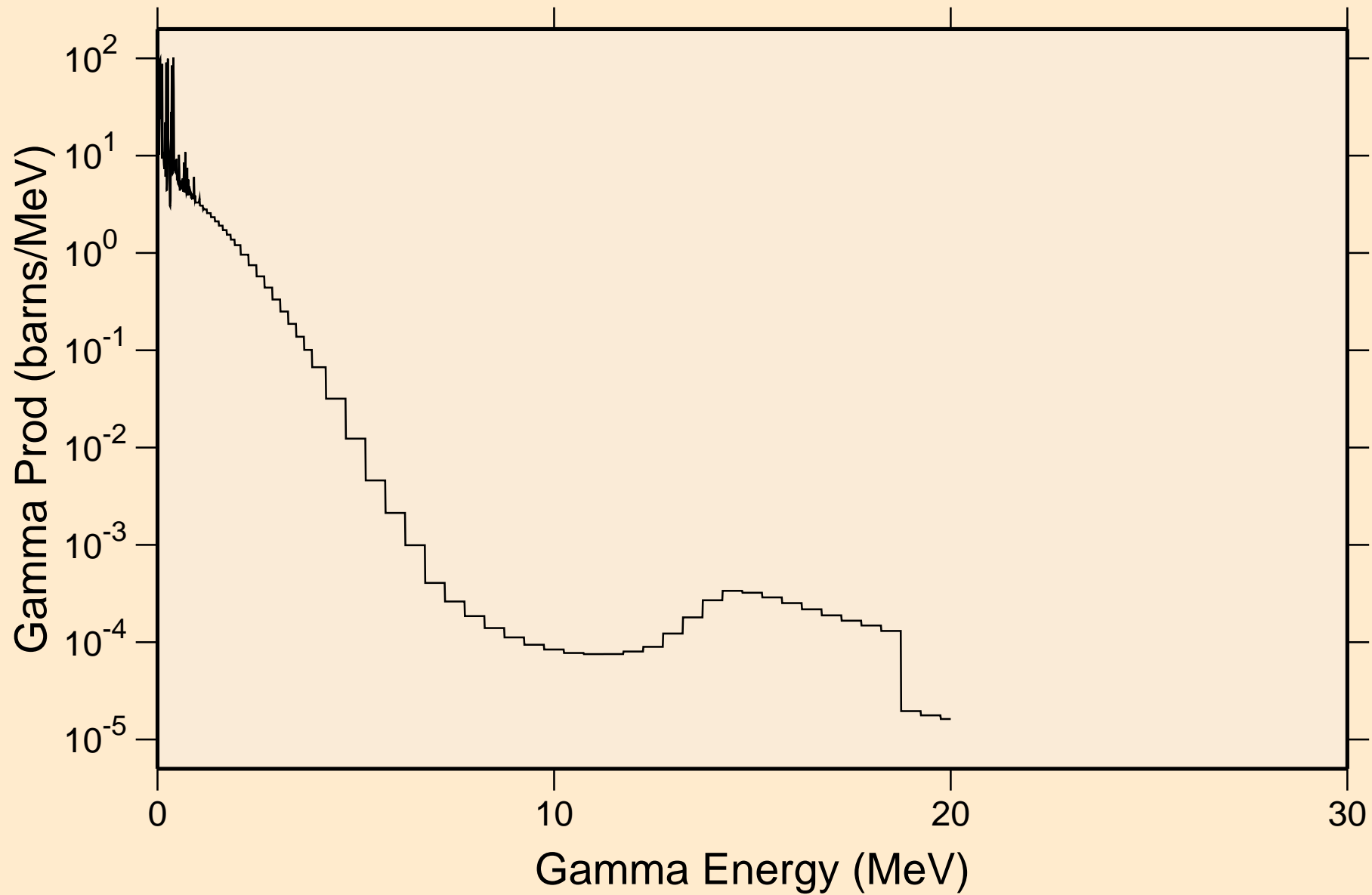
PR147 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



PR147 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

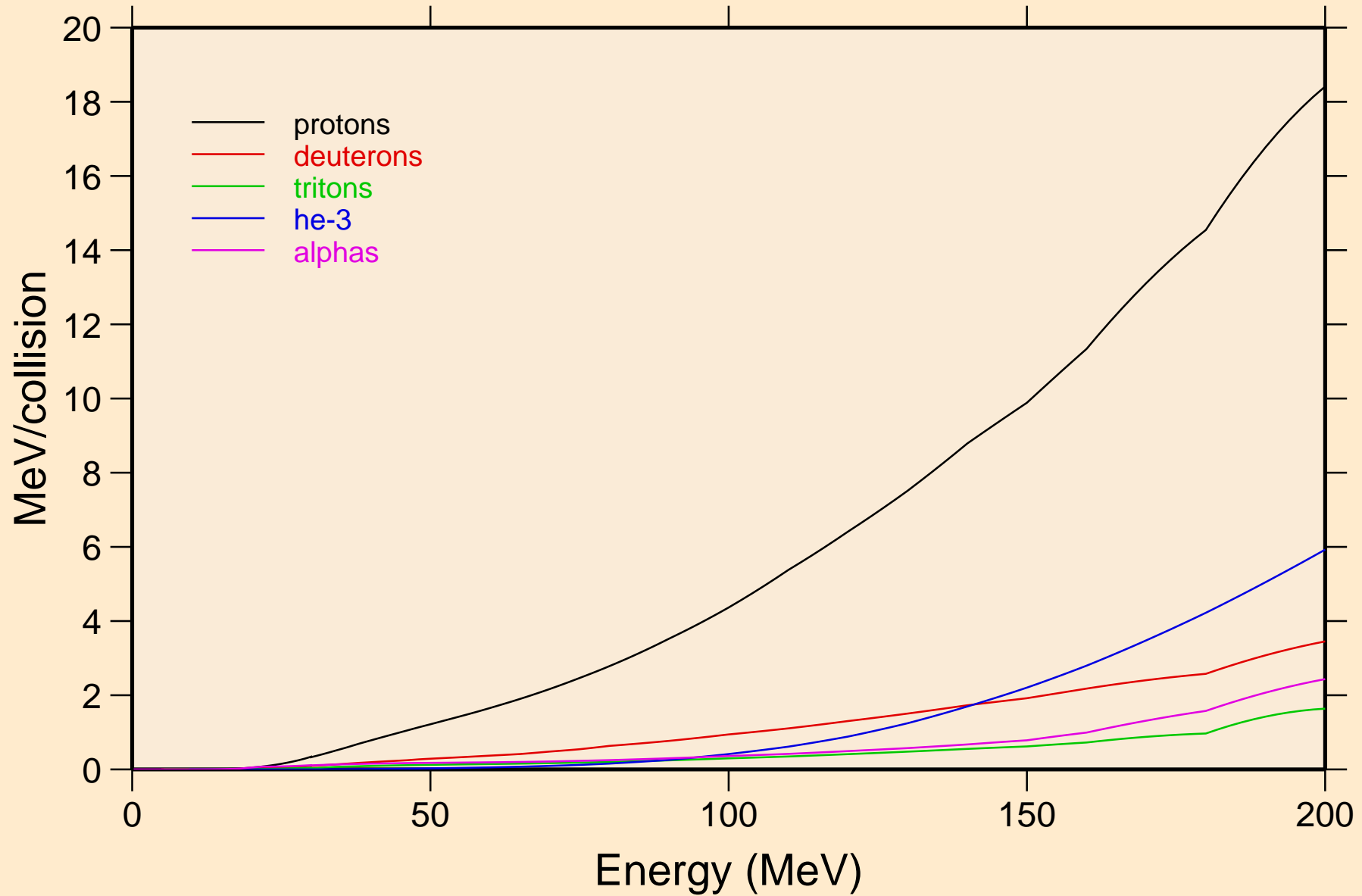


PR147 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



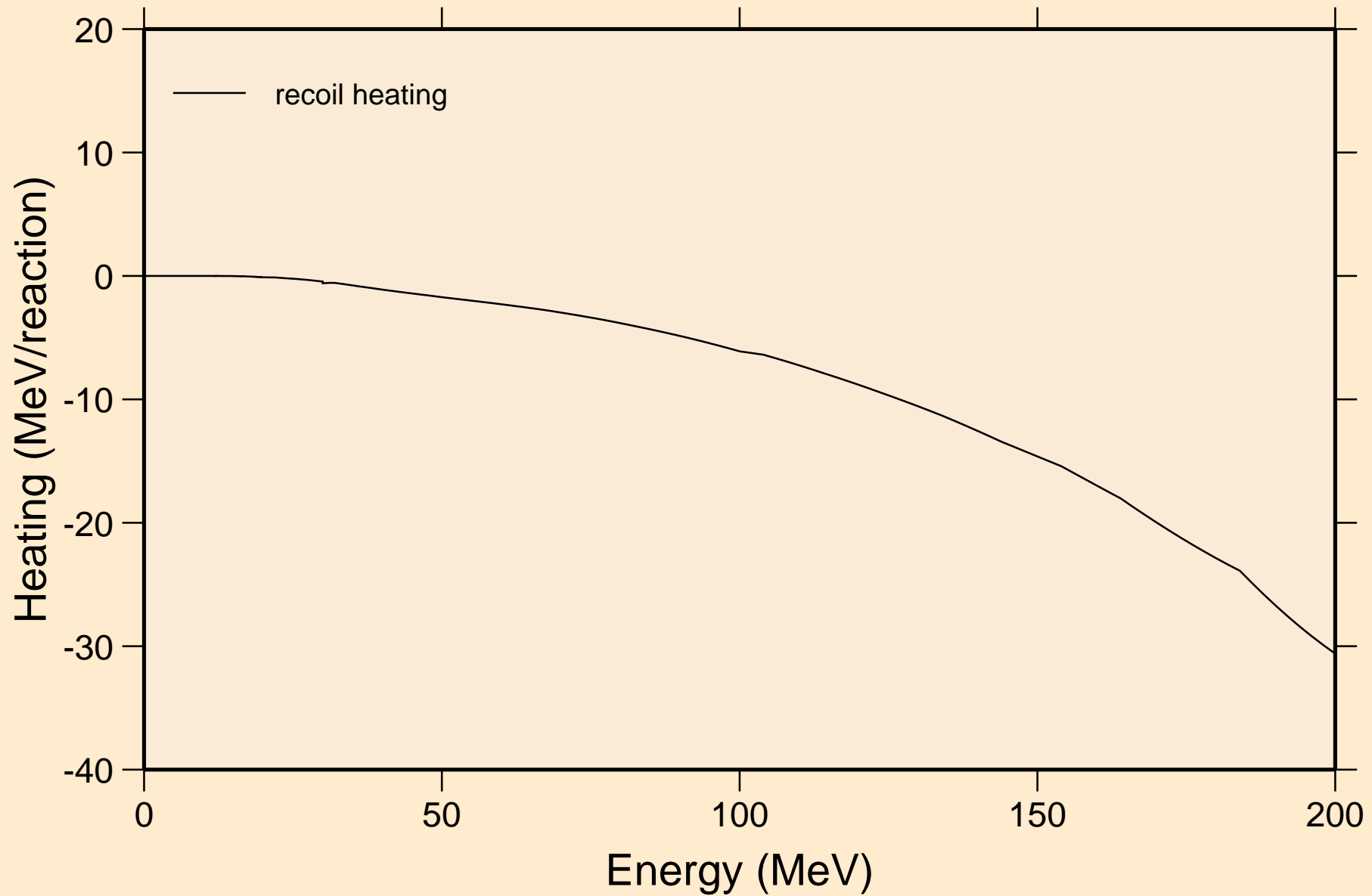
# PR147 NRG TENDL-2015, AKONING

## Particle heating contributions



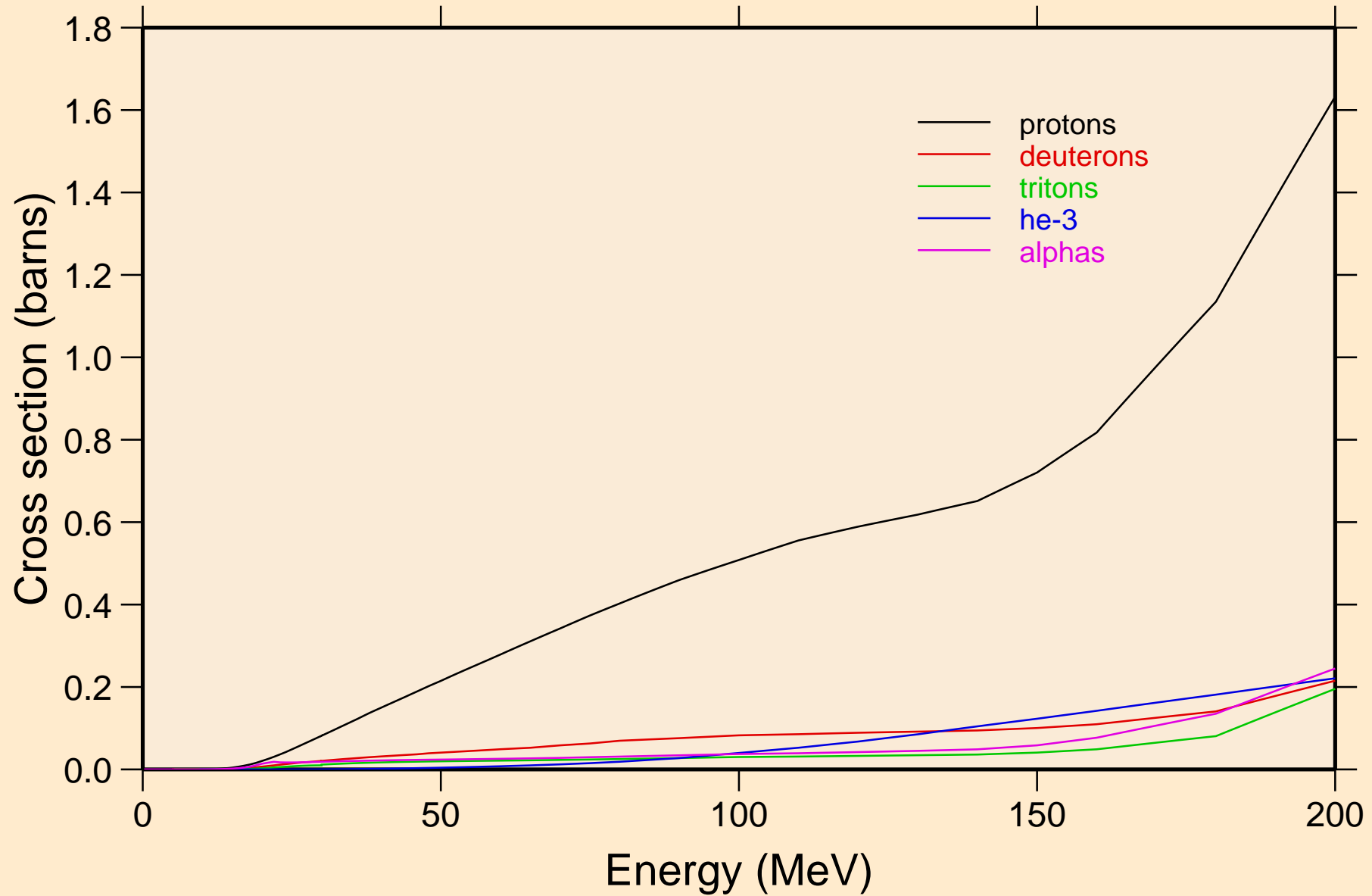
# PR147 NRG TENDL-2015, AKONING

## Recoil Heating



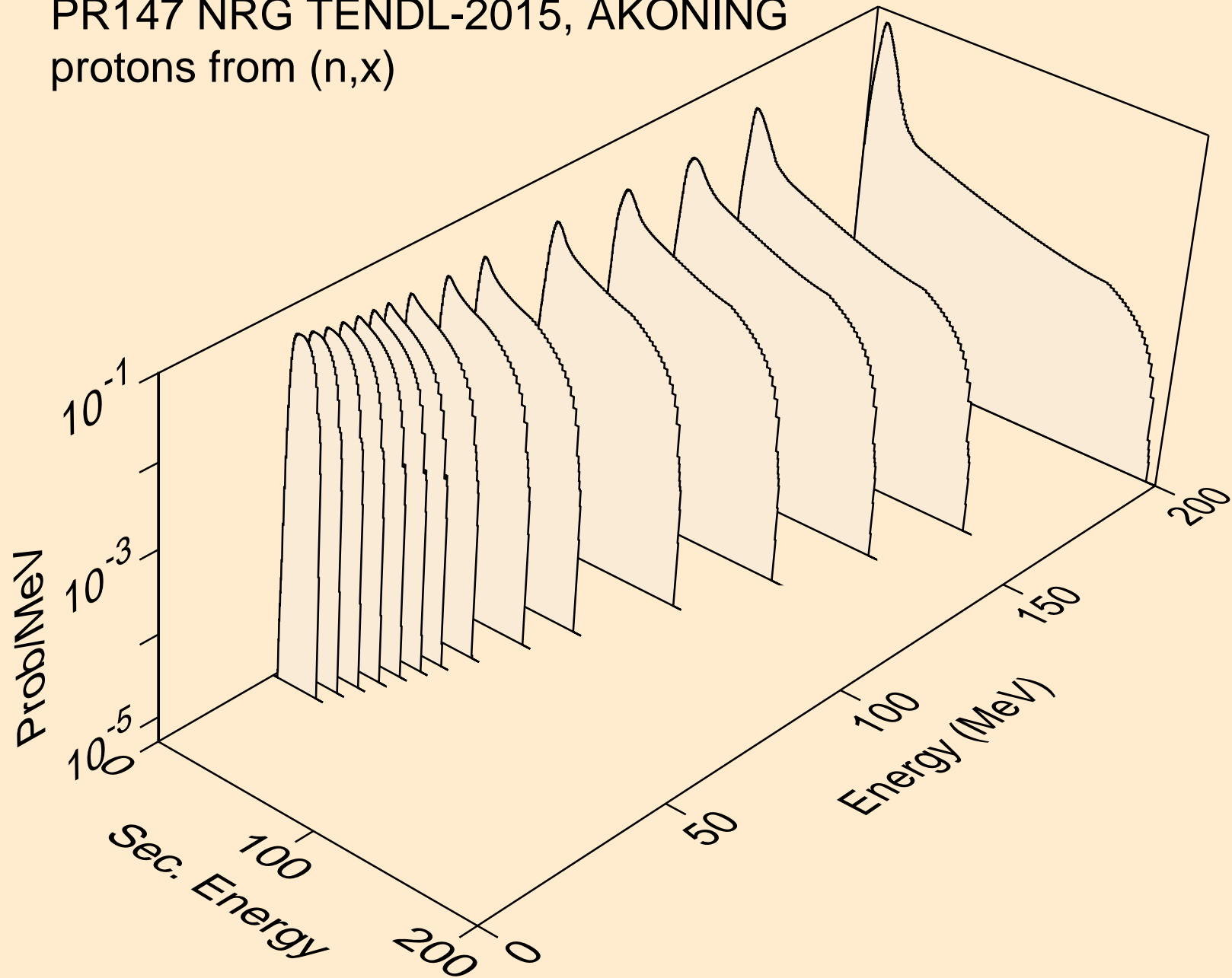
# PR147 NRG TENDL-2015, AKONING

## Particle production cross sections

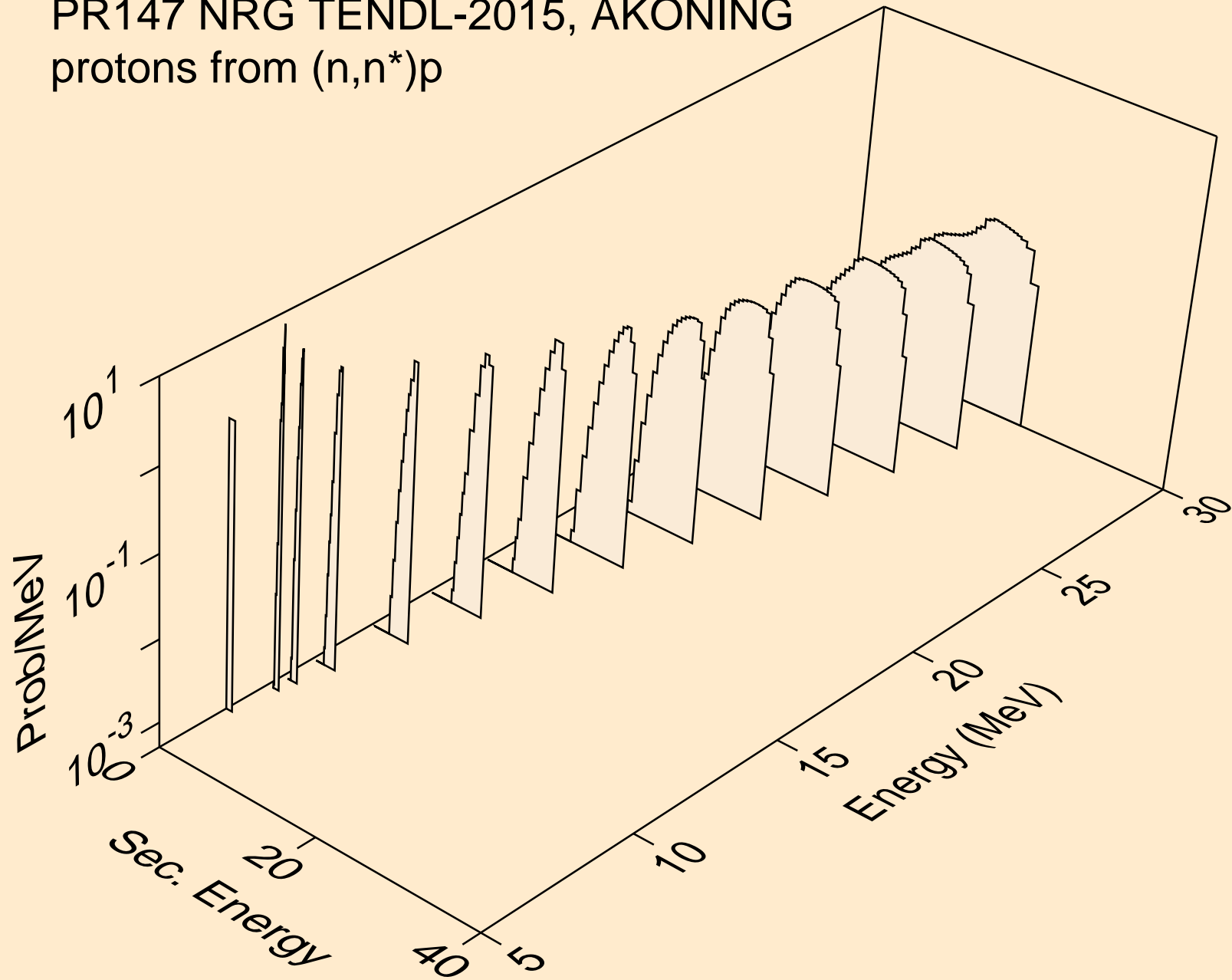




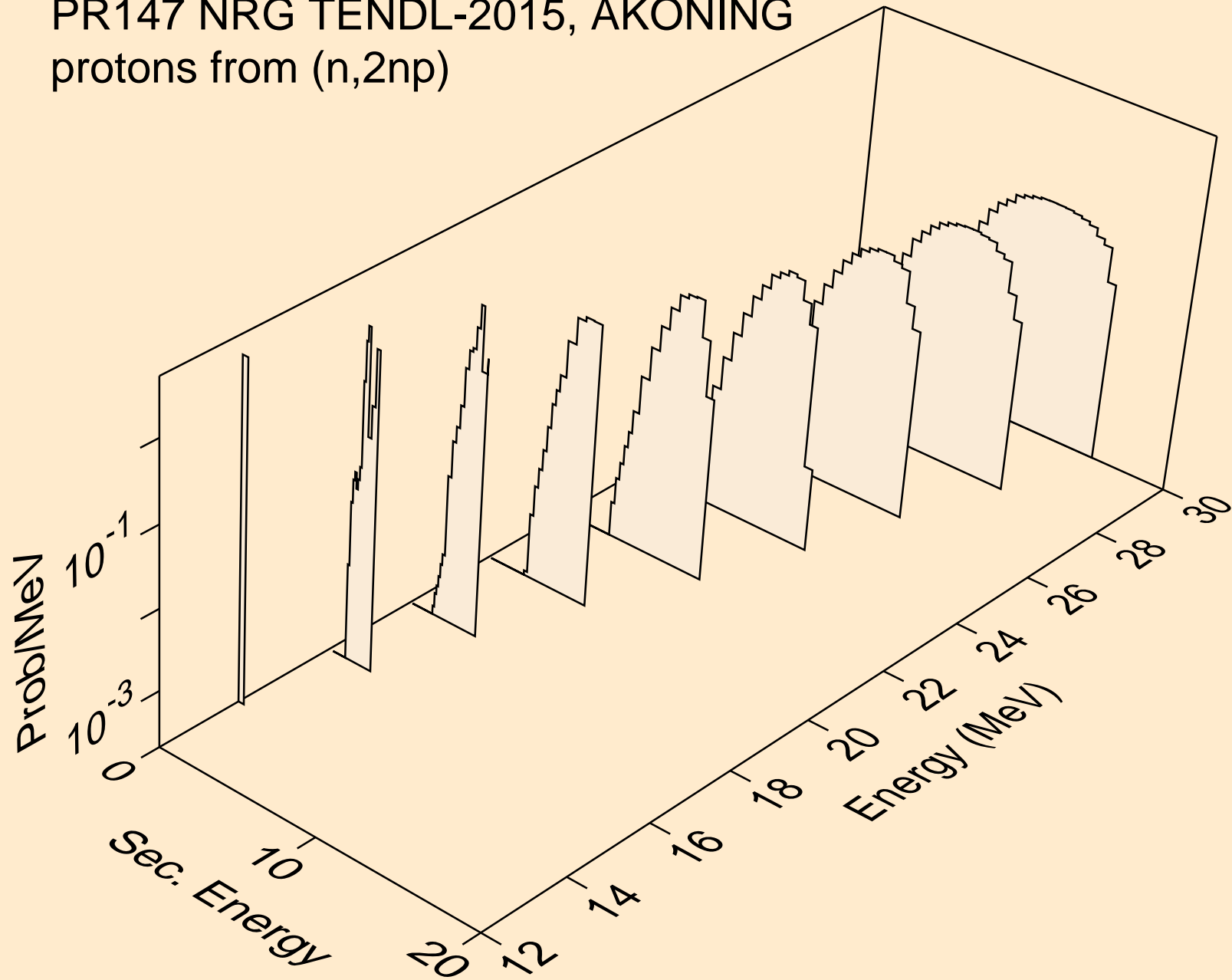
PR147 NRG TENDL-2015, AKONING  
protons from (n,x)



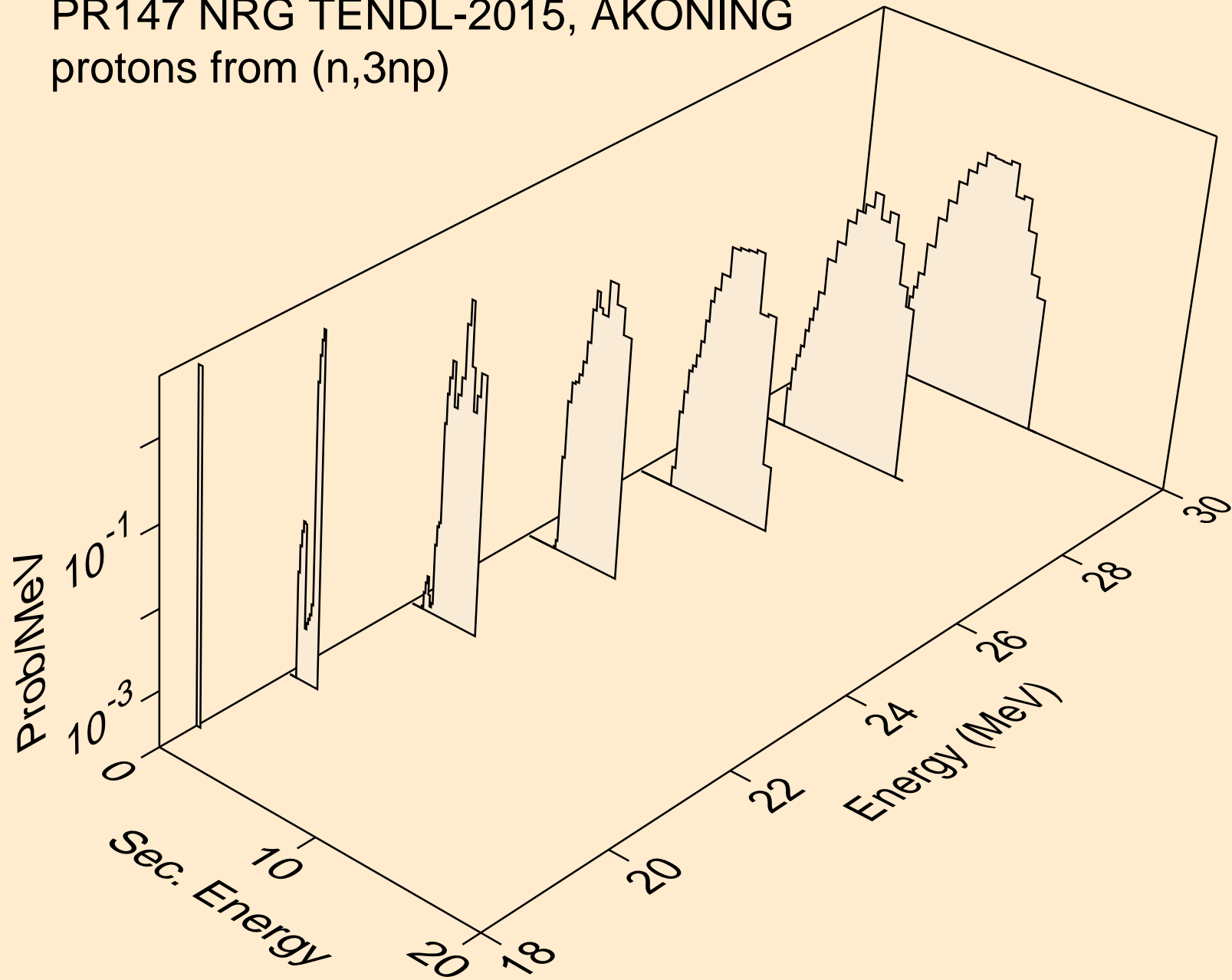
PR147 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



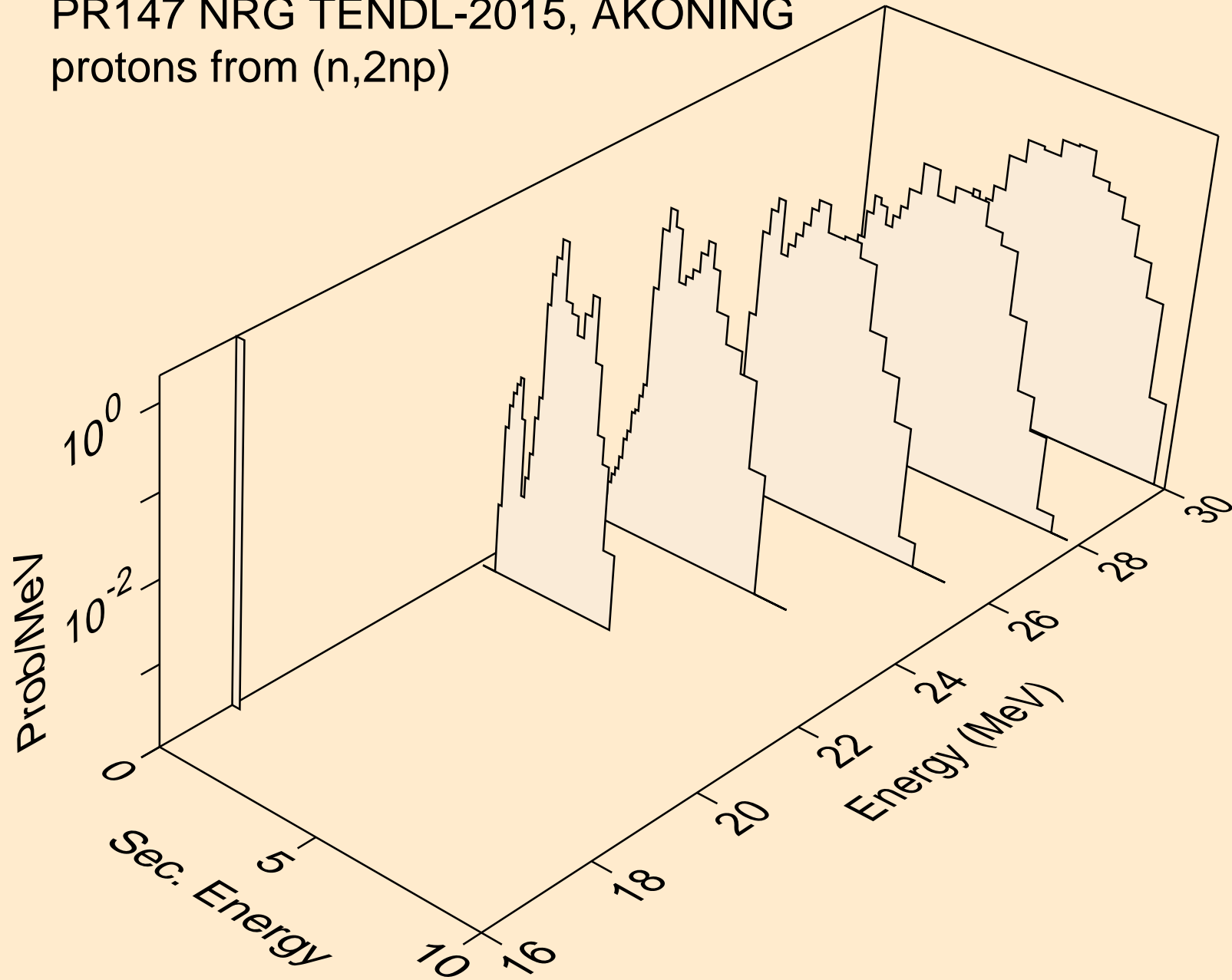
PR147 NRG TENDL-2015, AKONING  
protons from (n,2np)



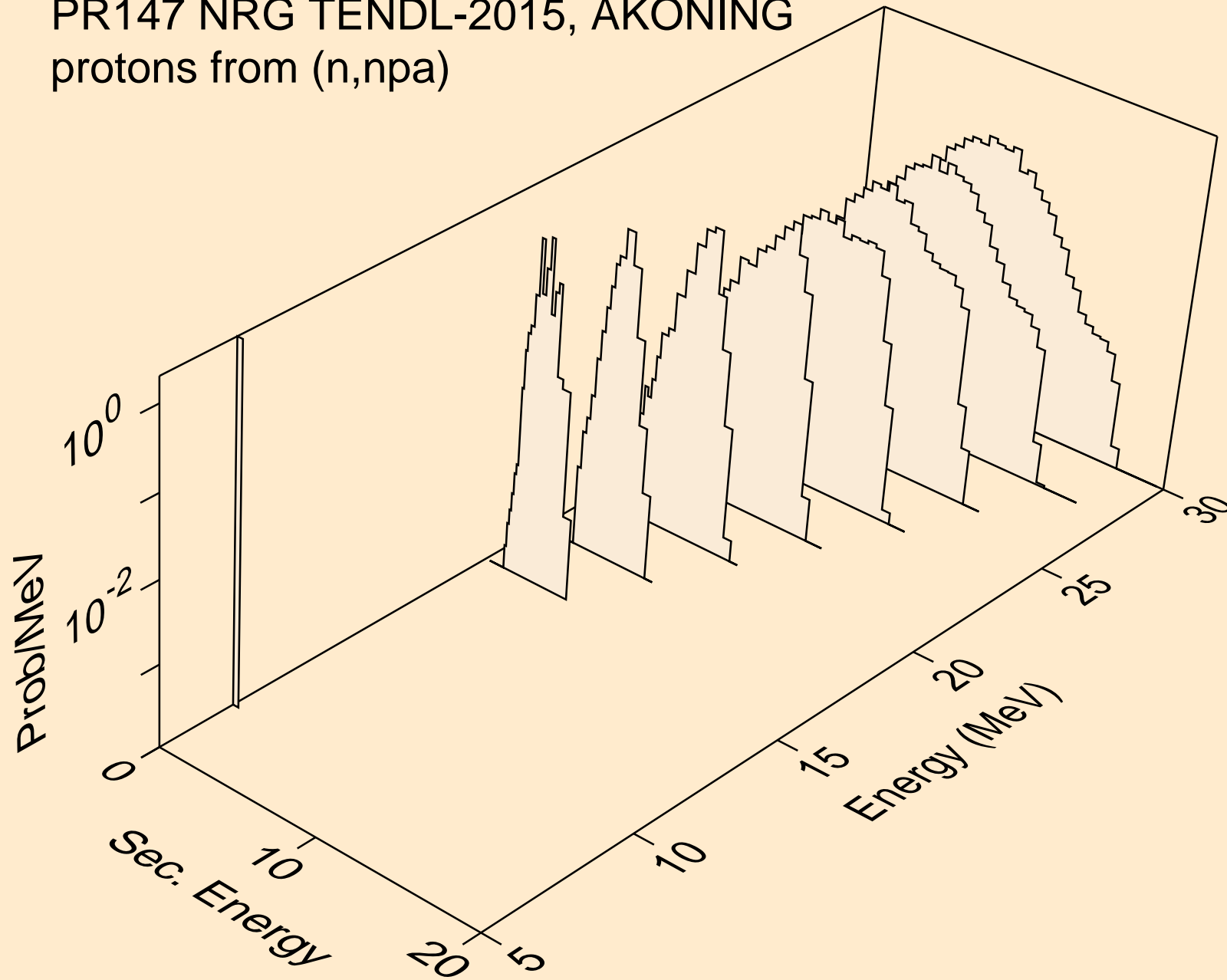
PR147 NRG TENDL-2015, AKONING  
protons from (n,3np)



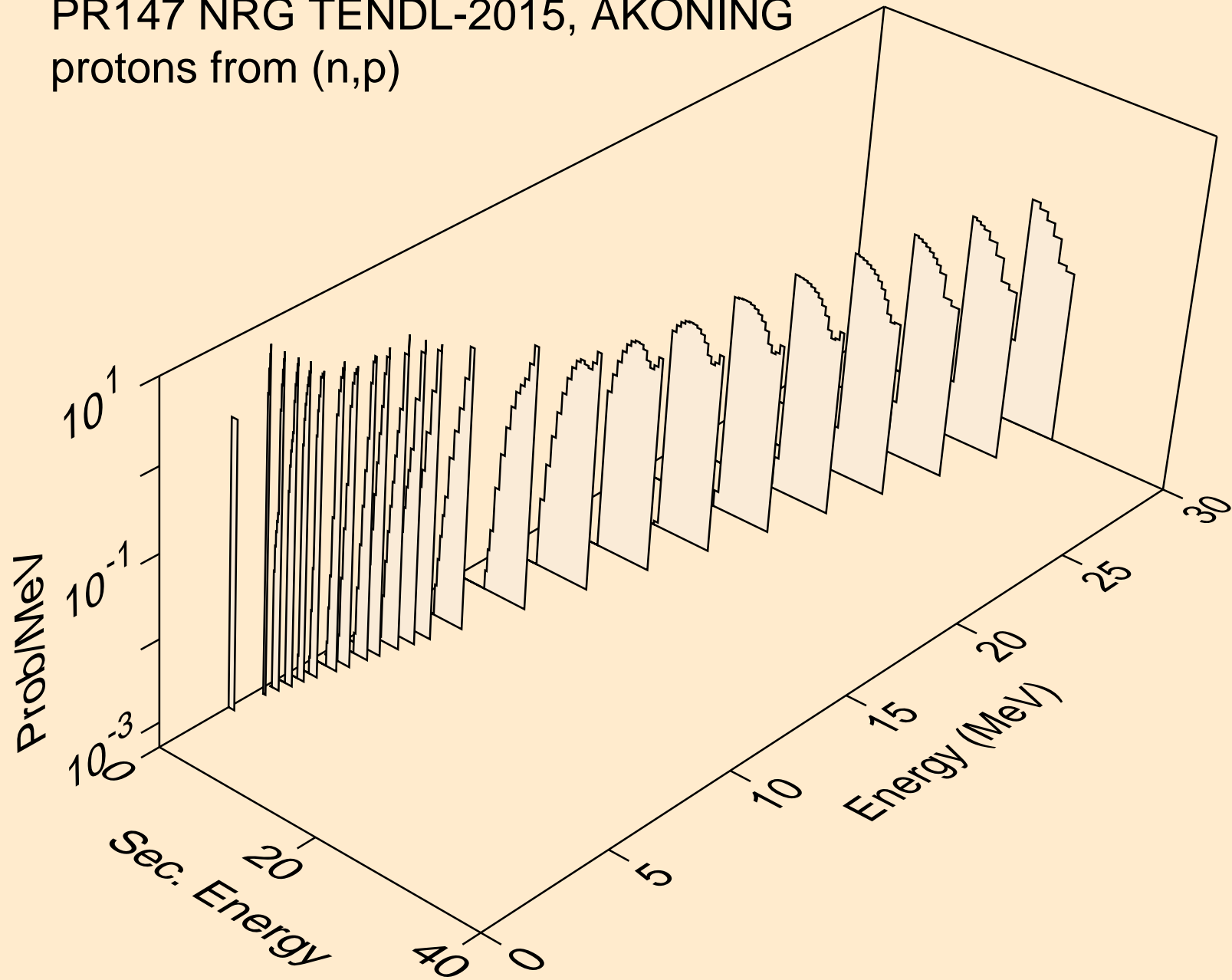
PR147 NRG TENDL-2015, AKONING  
protons from (n,2np)



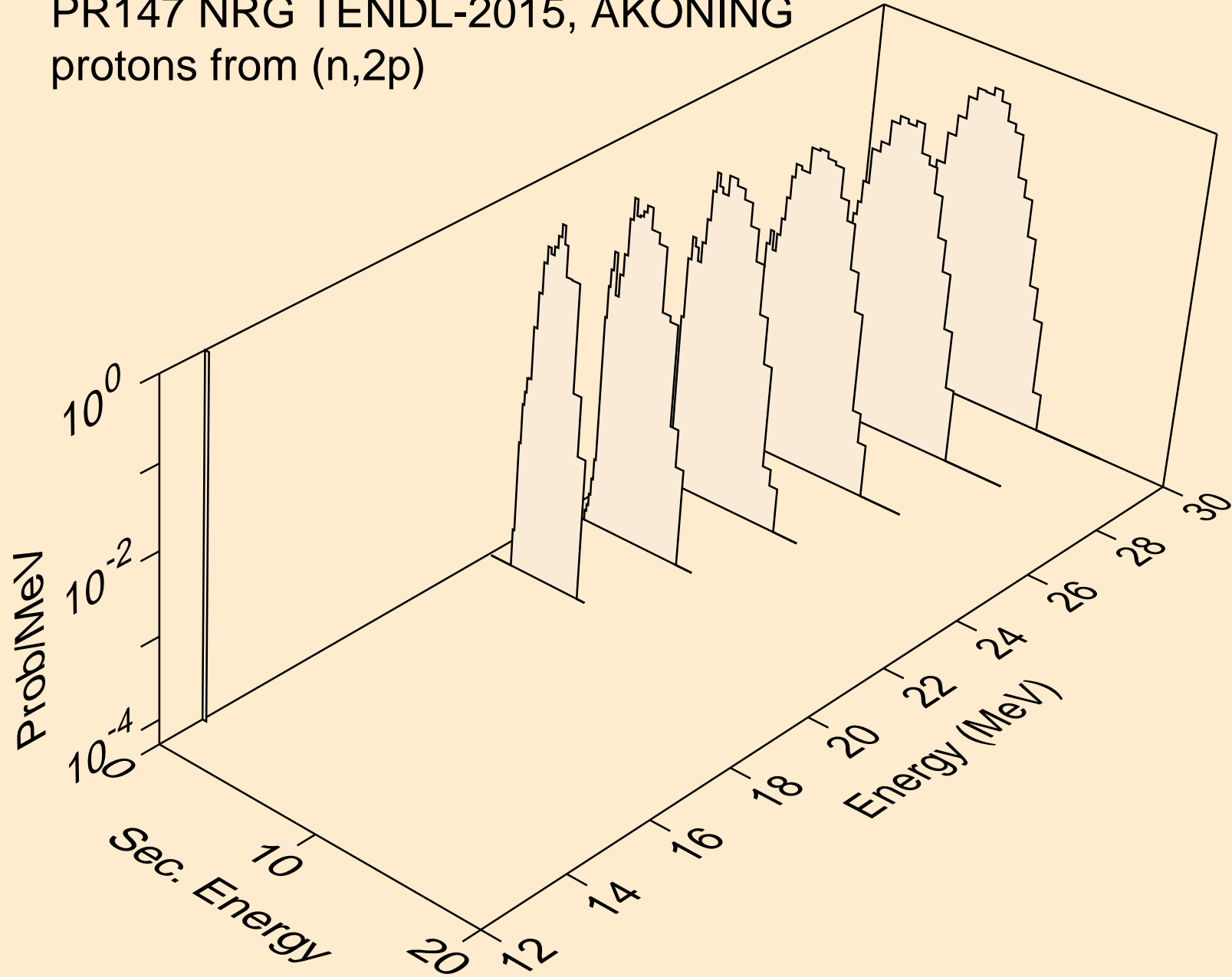
PR147 NRG TENDL-2015, AKONING  
protons from (n,npa)



PR147 NRG TENDL-2015, AKONING  
protons from (n,p)

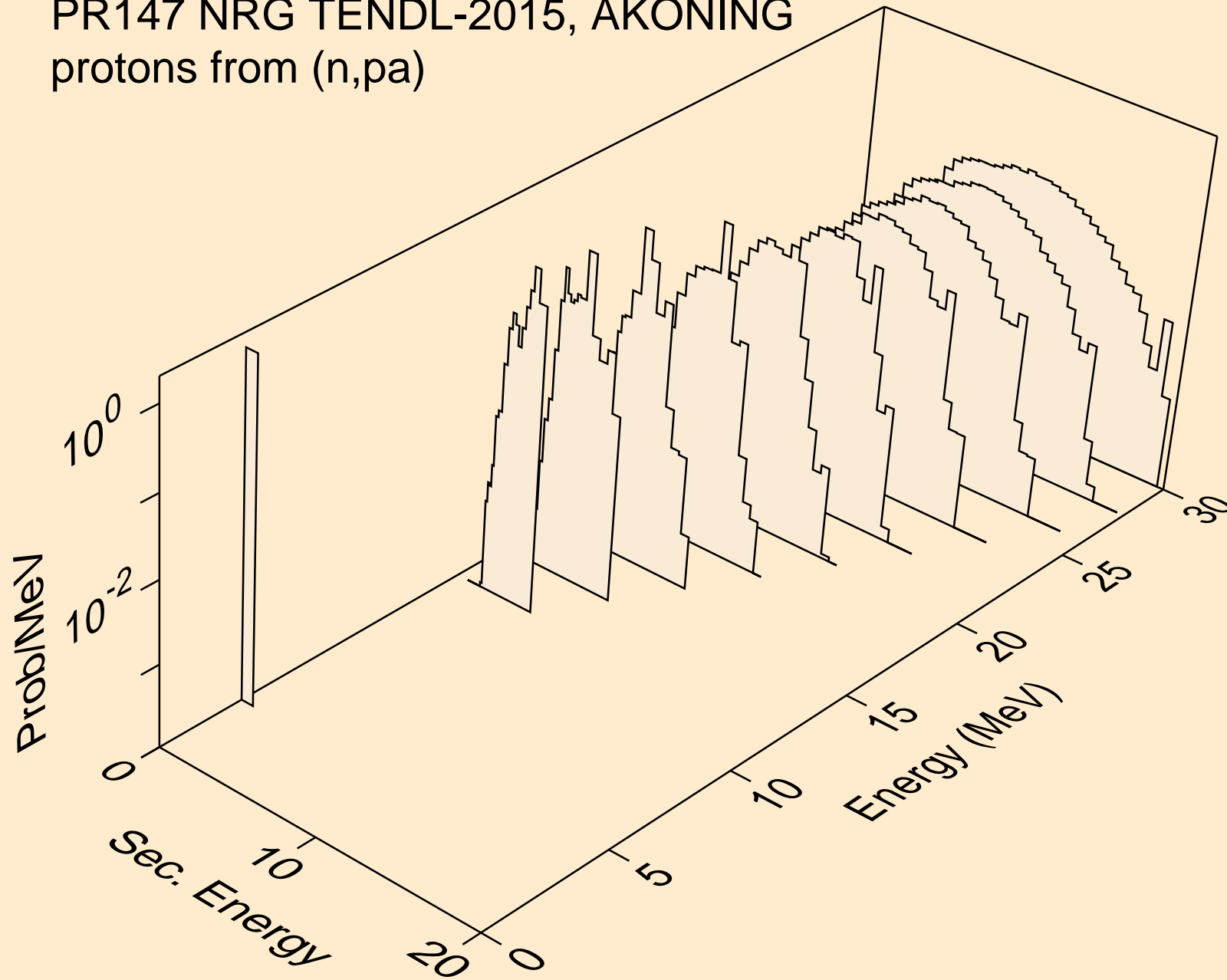


PR147 NRG TENDL-2015, AKONING  
protons from (n,2p)

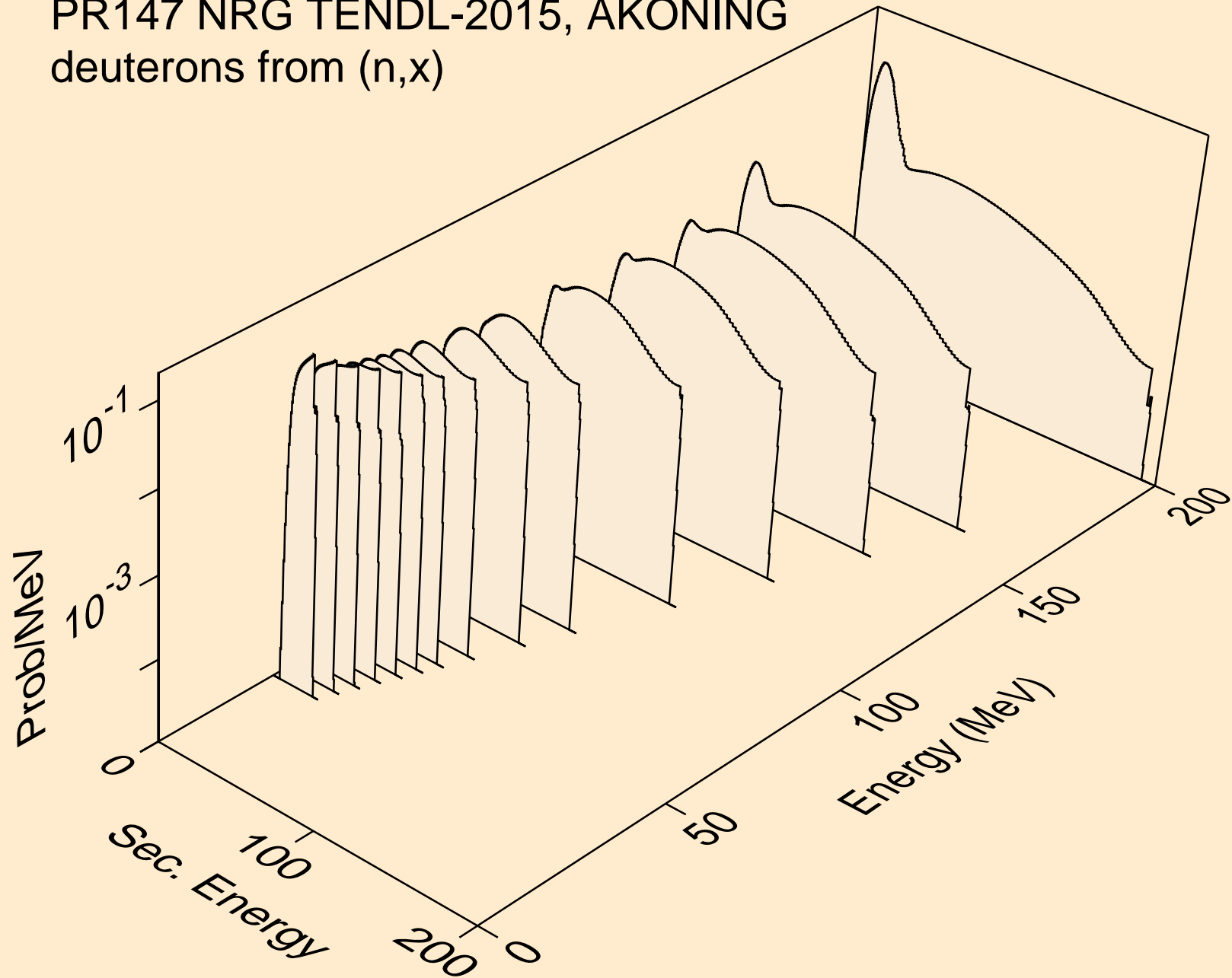




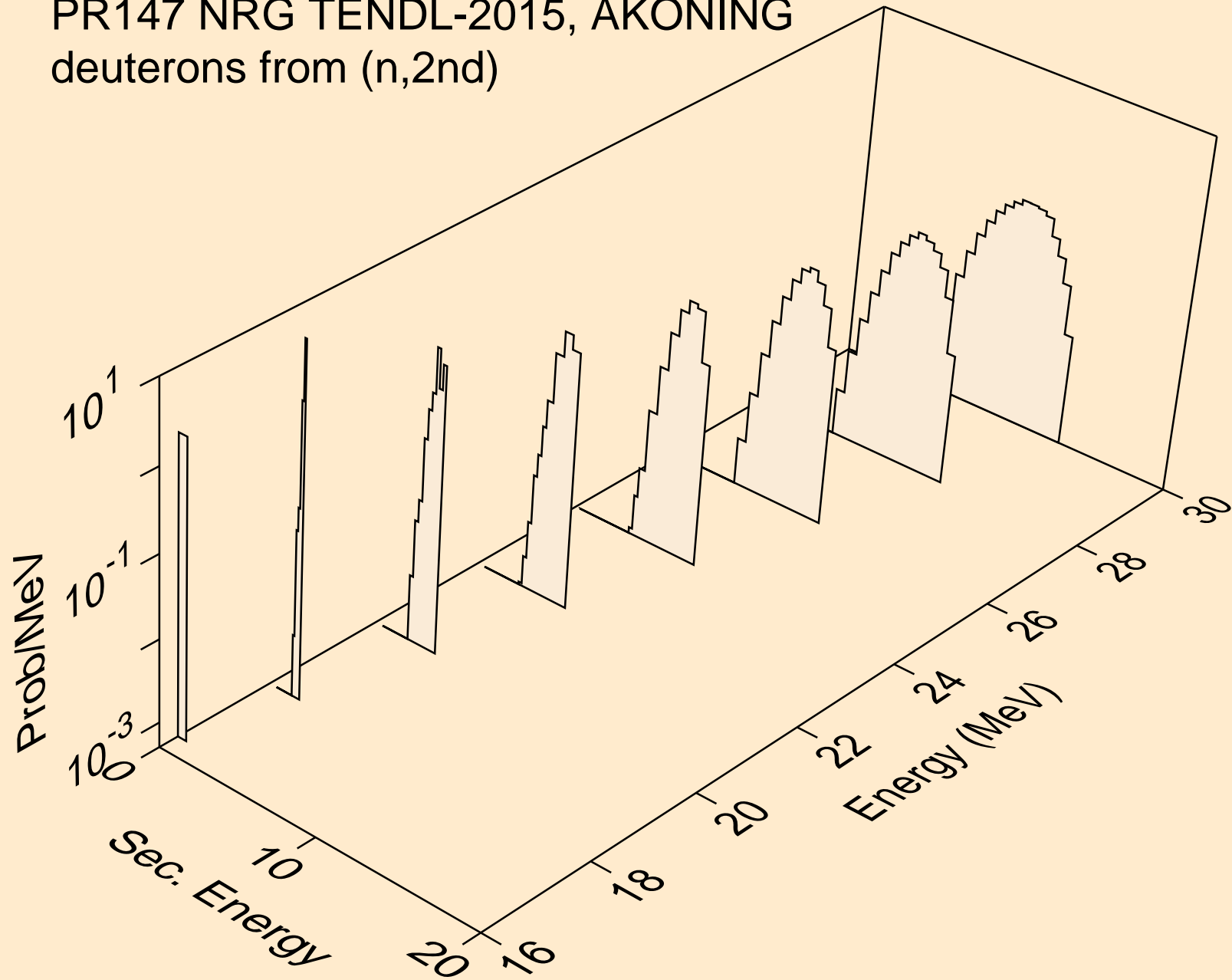
PR147 NRG TENDL-2015, AKONING  
protons from (n,pa)



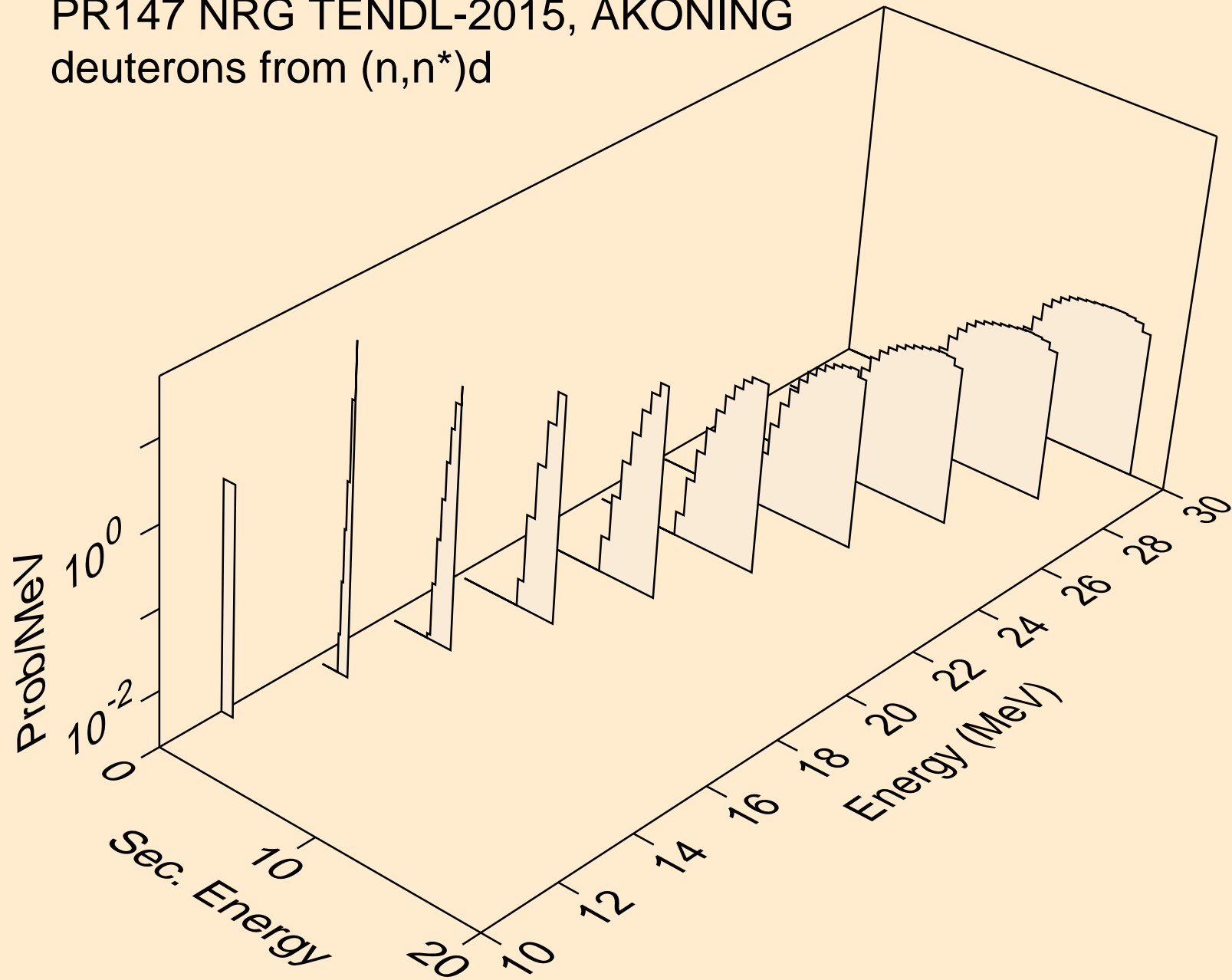
PR147 NRG TENDL-2015, AKONING  
deuterons from (n,x)



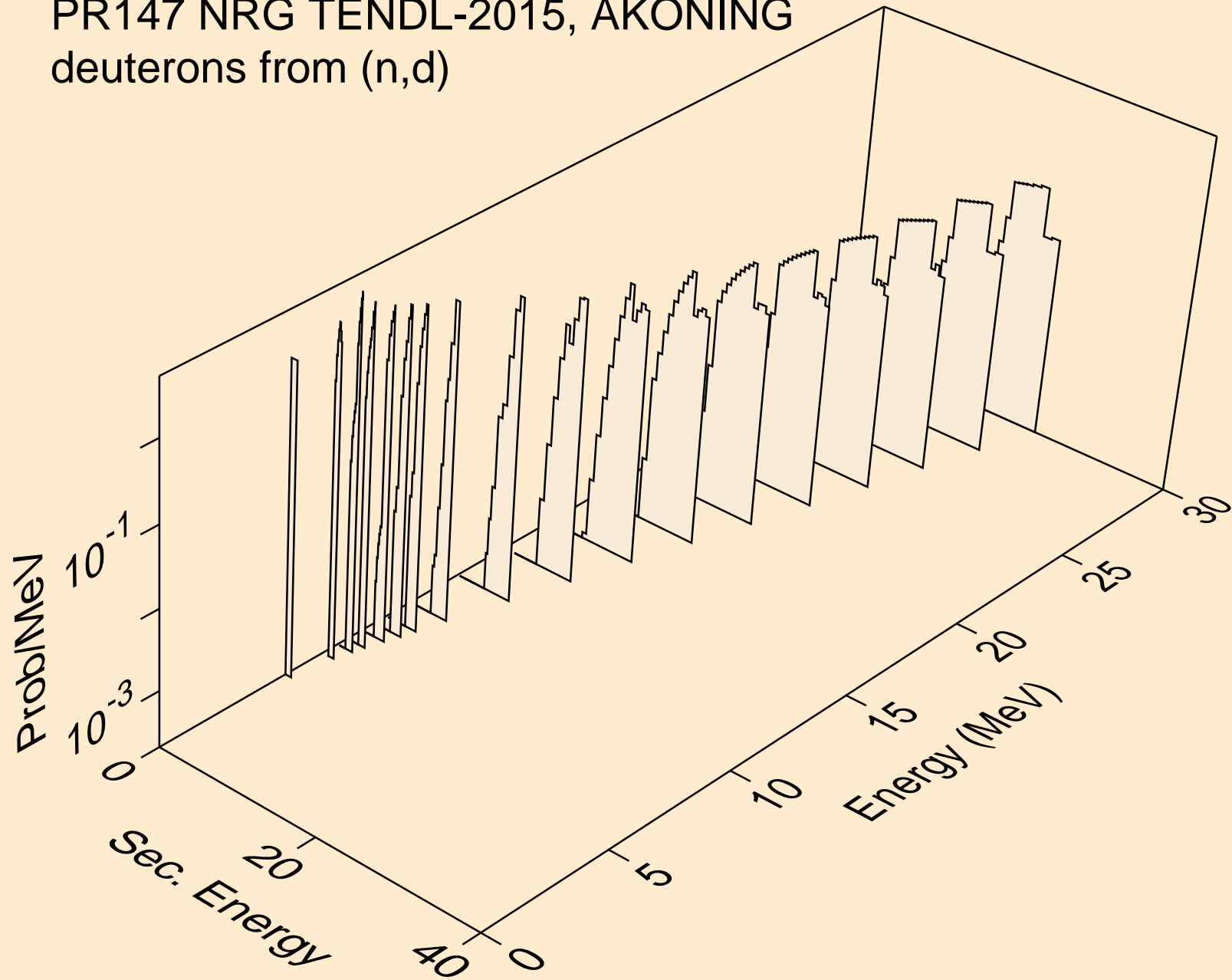
PR147 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



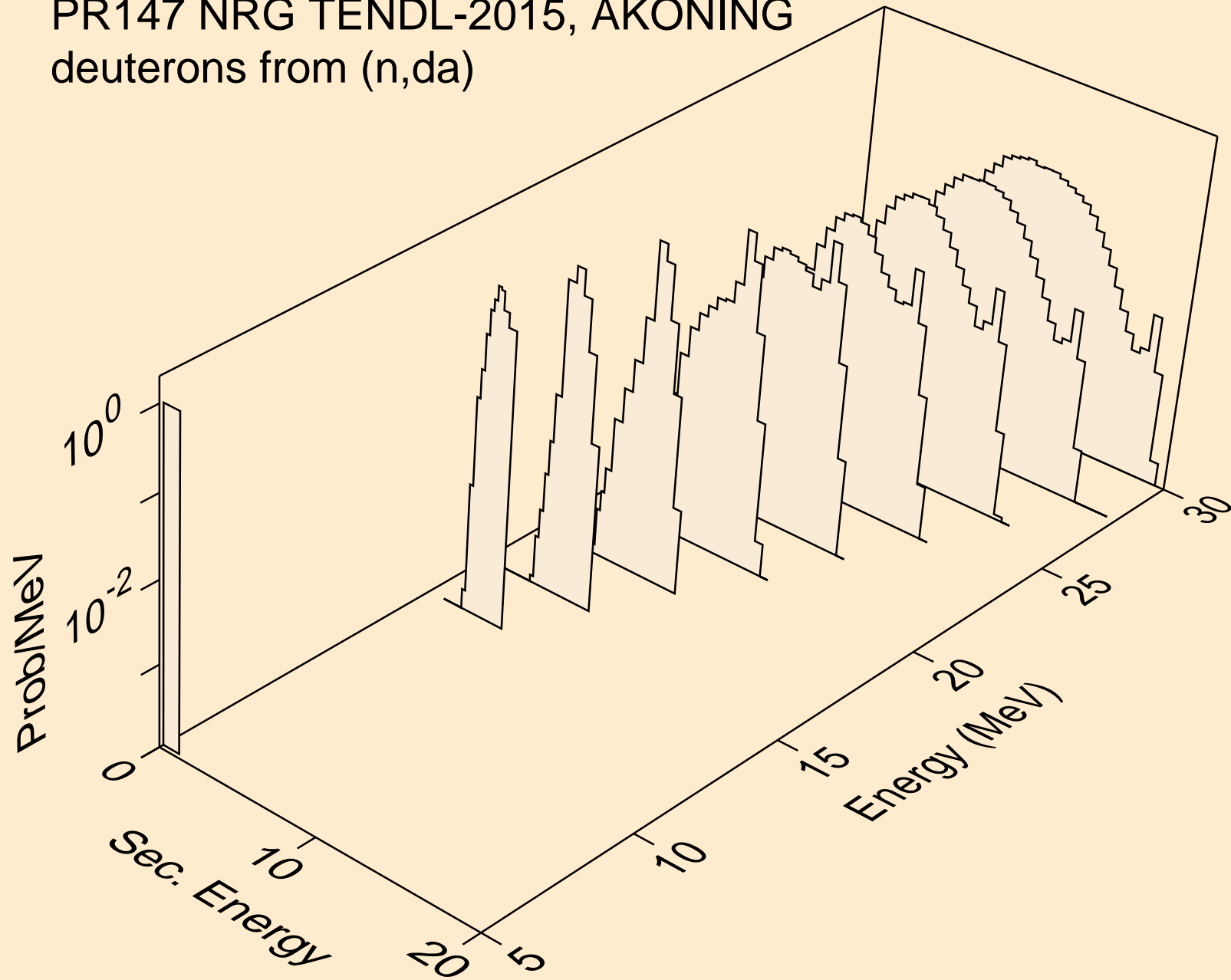
PR147 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



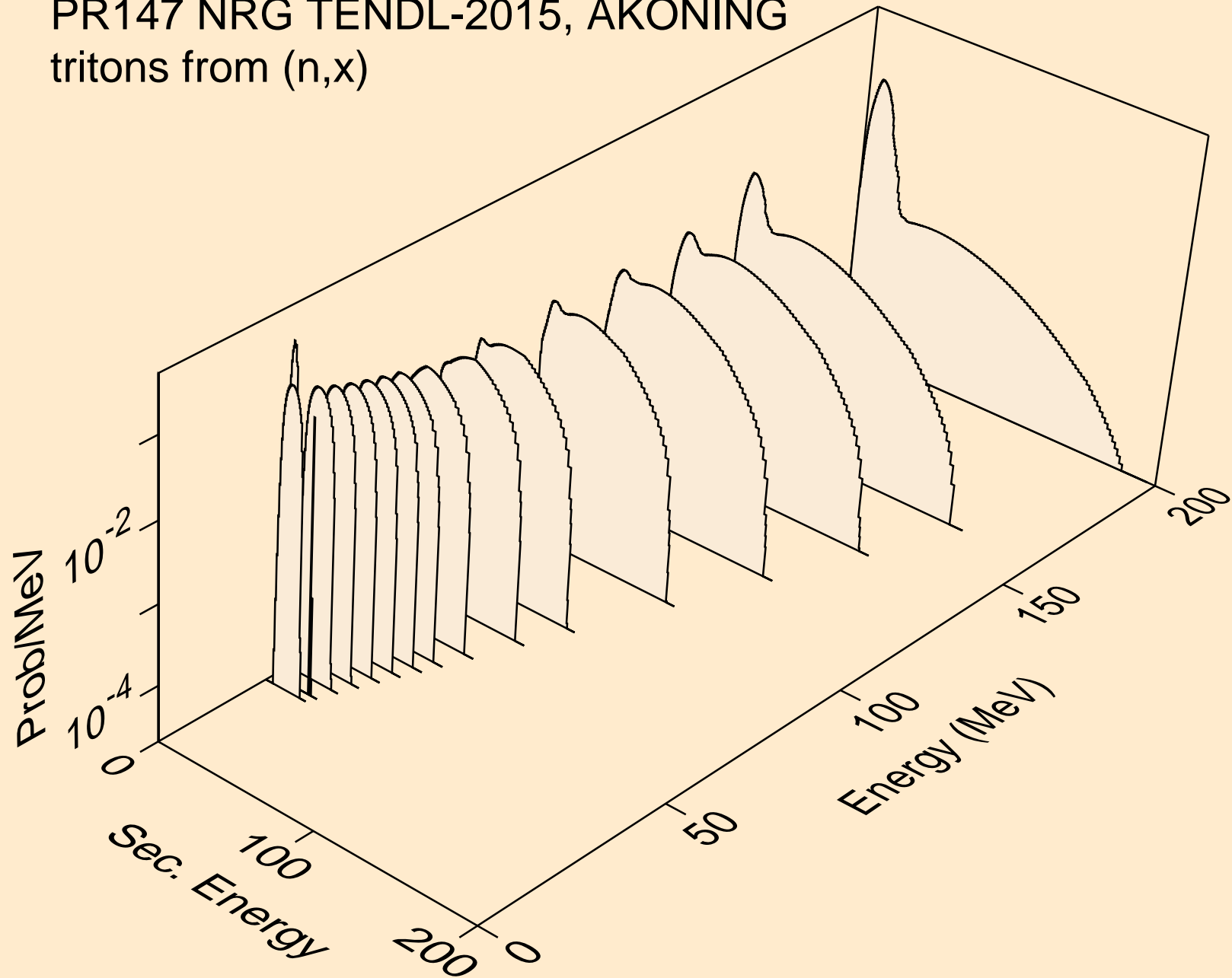
PR147 NRG TENDL-2015, AKONING  
deuterons from (n,d)



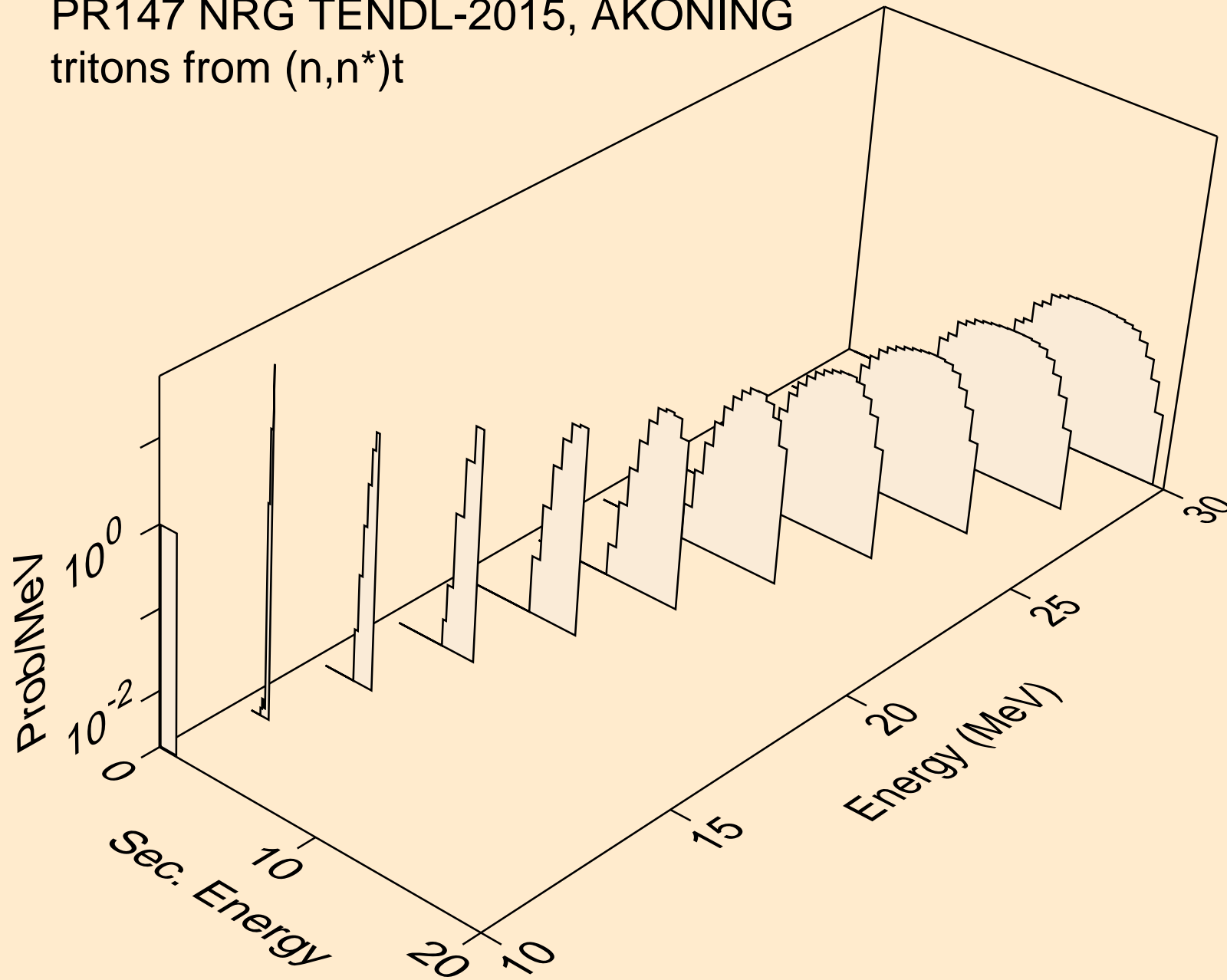
PR147 NRG TENDL-2015, AKONING  
deuterons from (n,da)



PR147 NRG TENDL-2015, AKONING  
tritons from (n,x)

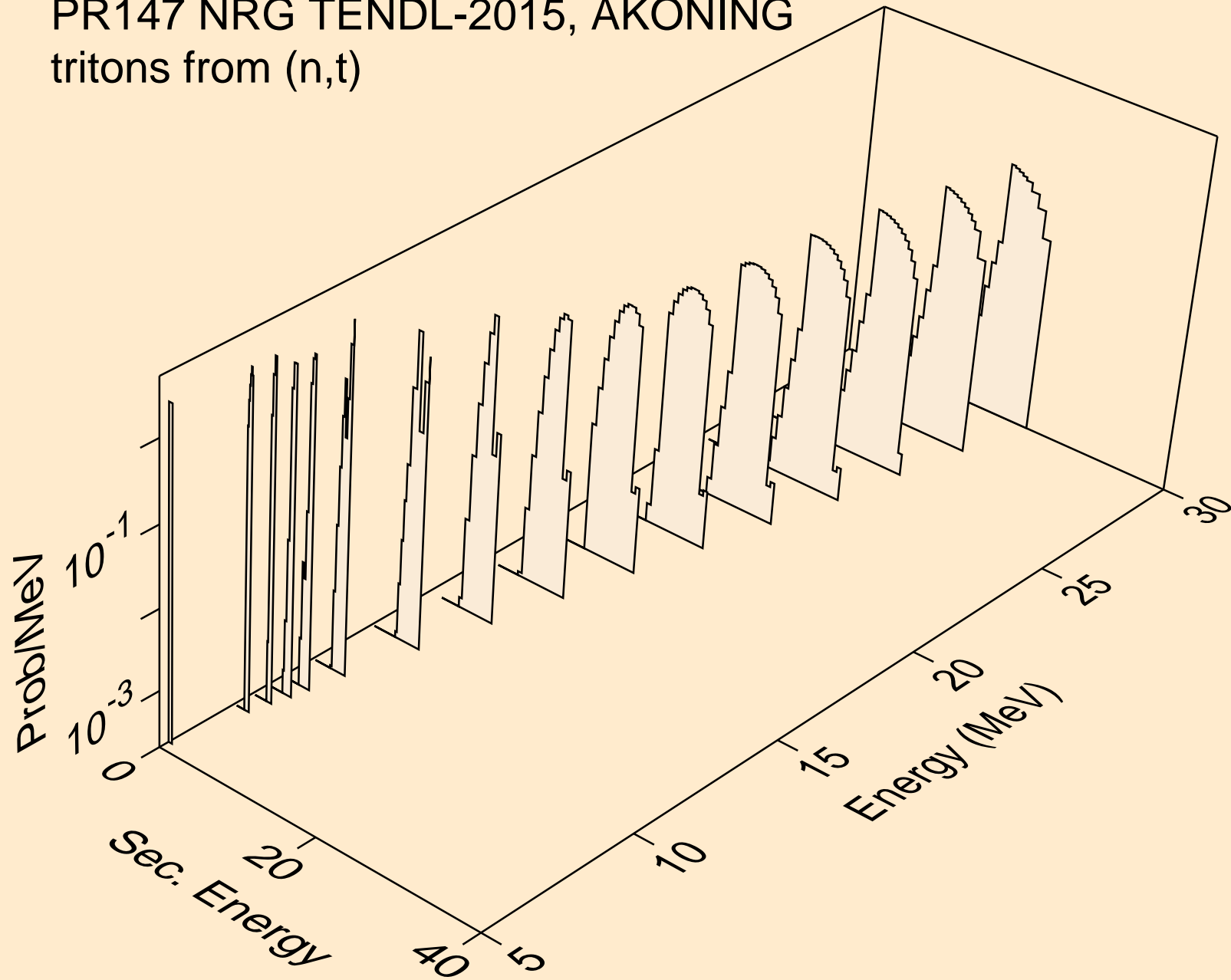


PR147 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

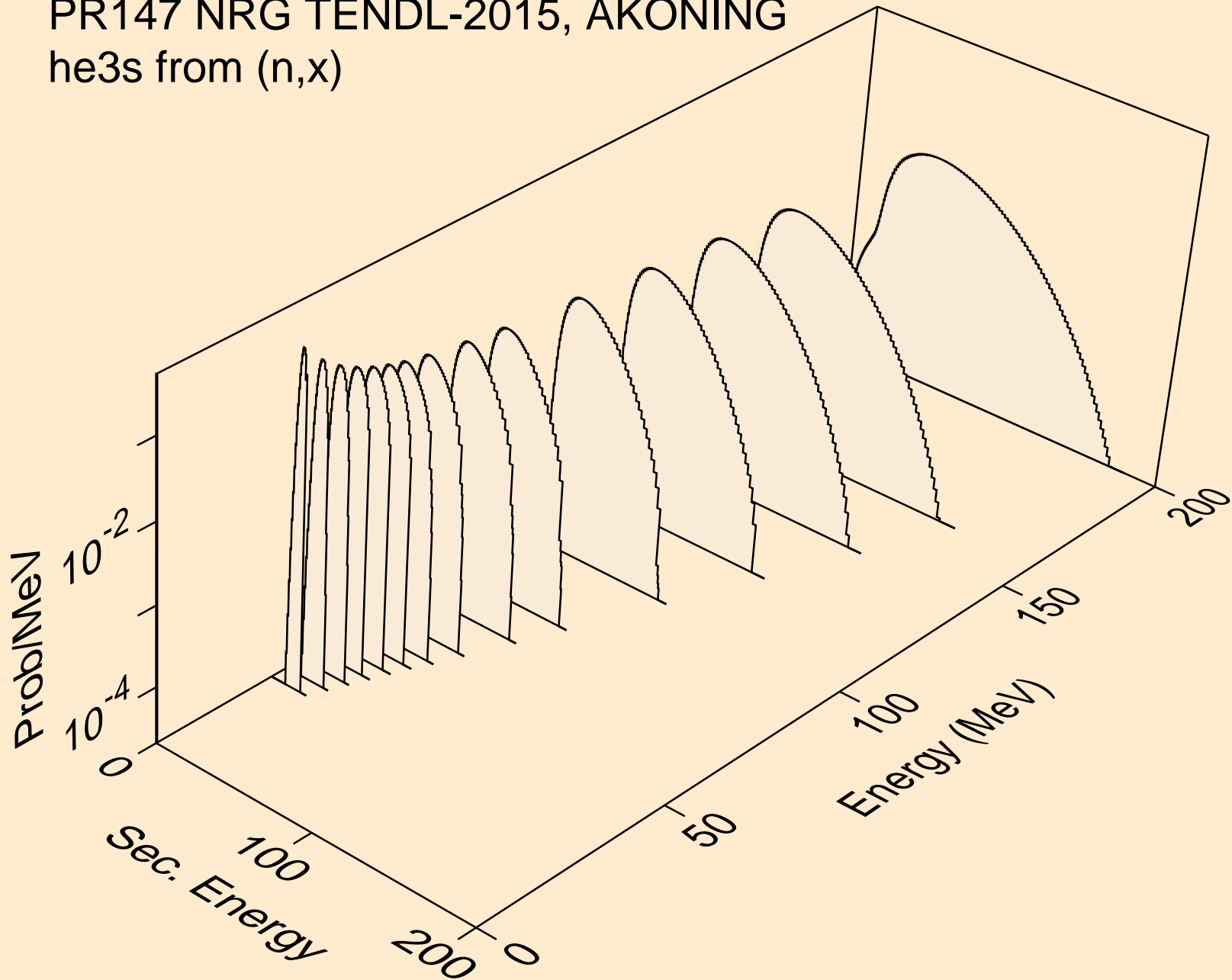




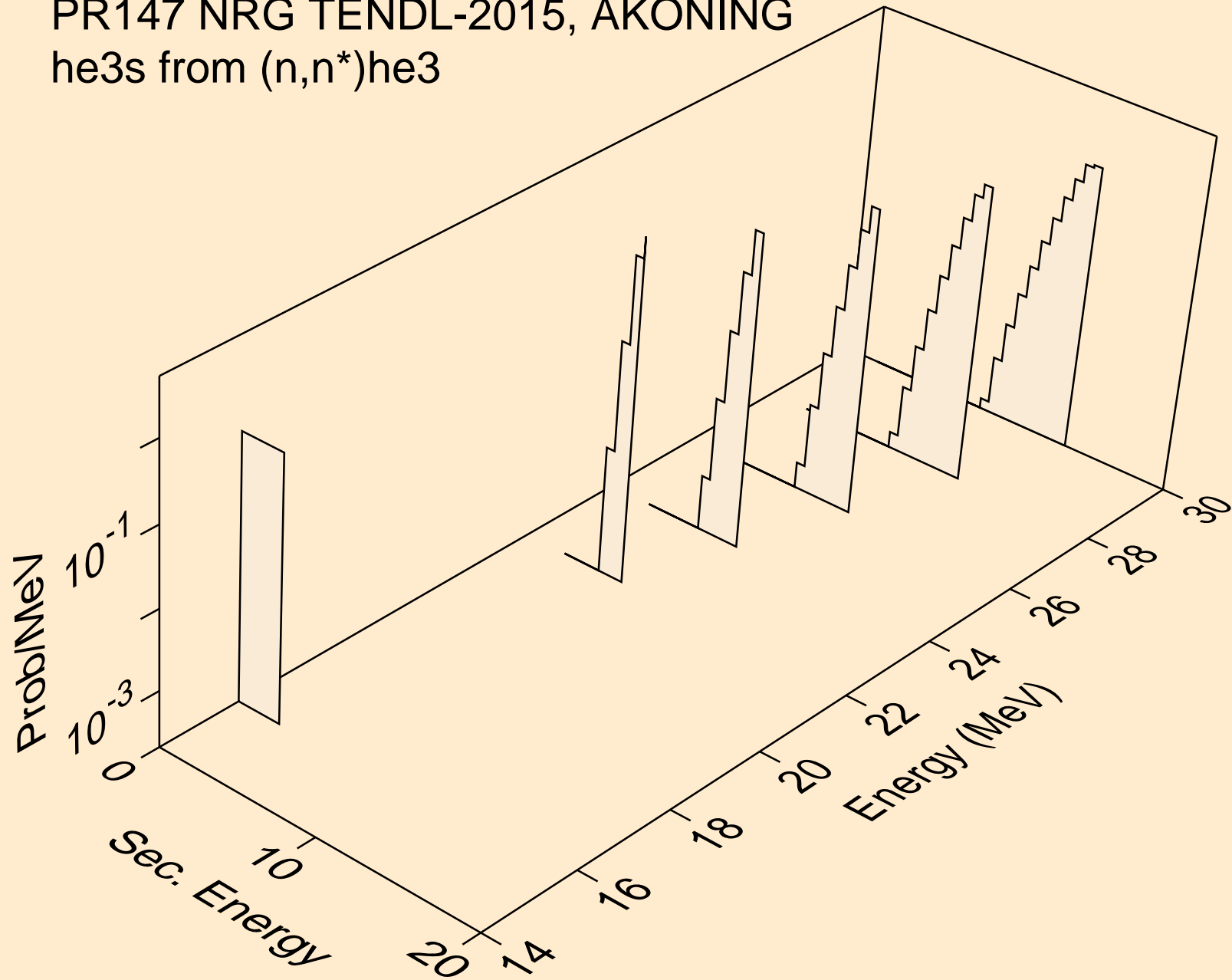
PR147 NRG TENDL-2015, AKONING  
tritons from (n,t)



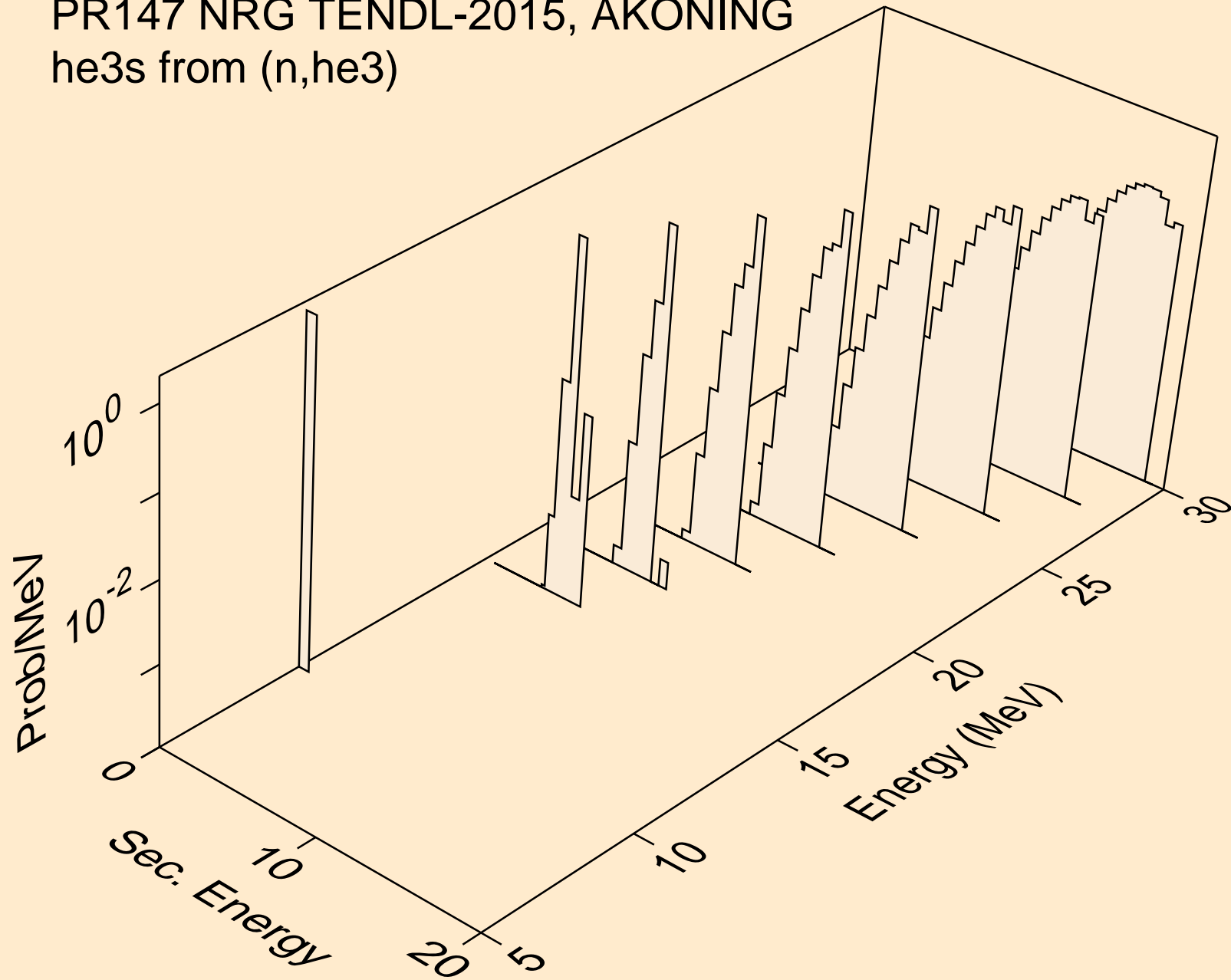
PR147 NRG TENDL-2015, AKONING  
he3s from (n,x)



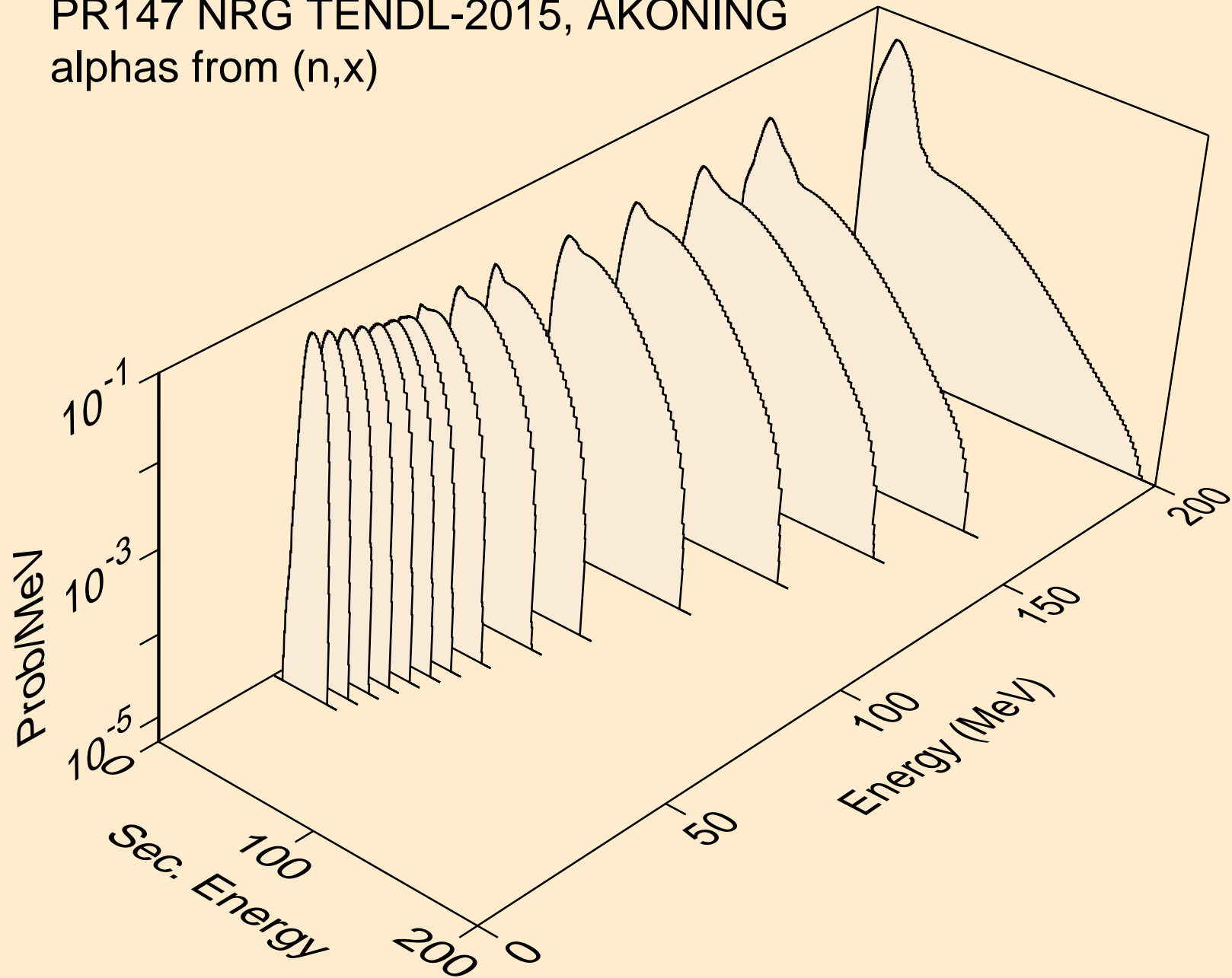
PR147 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



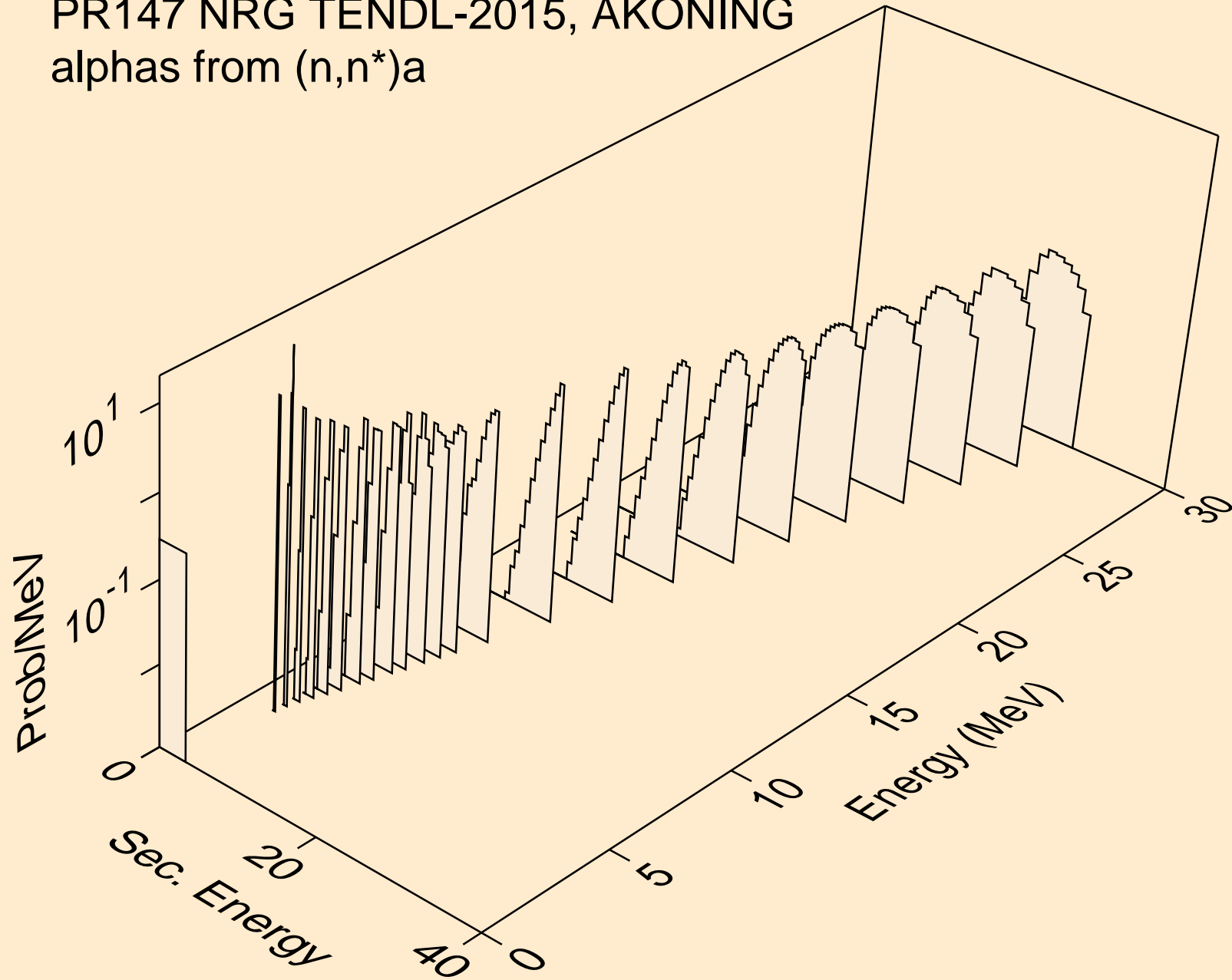
PR147 NRG TENDL-2015, AKONING  
he3s from (n,he3)



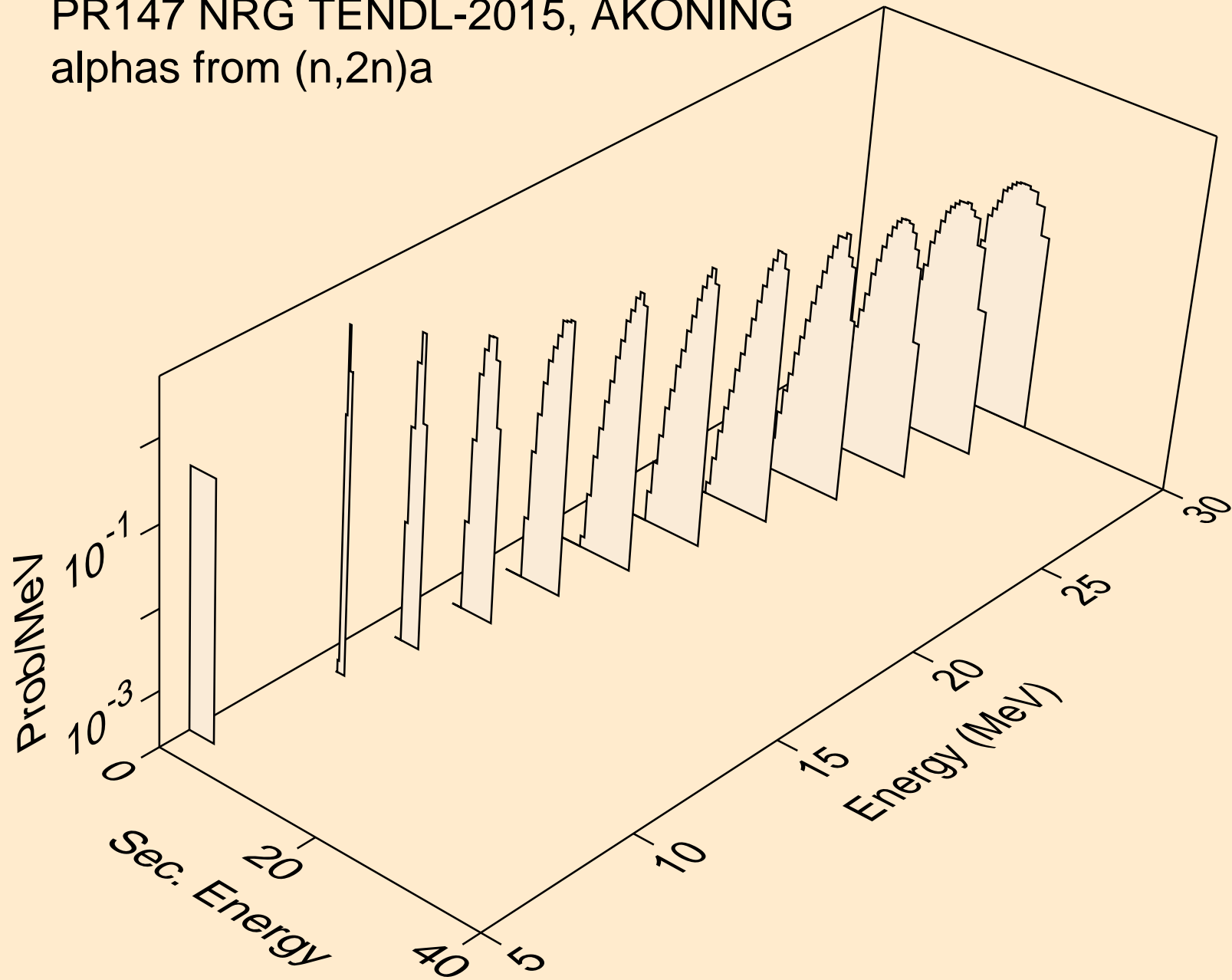
PR147 NRG TENDL-2015, AKONING  
alphas from (n,x)



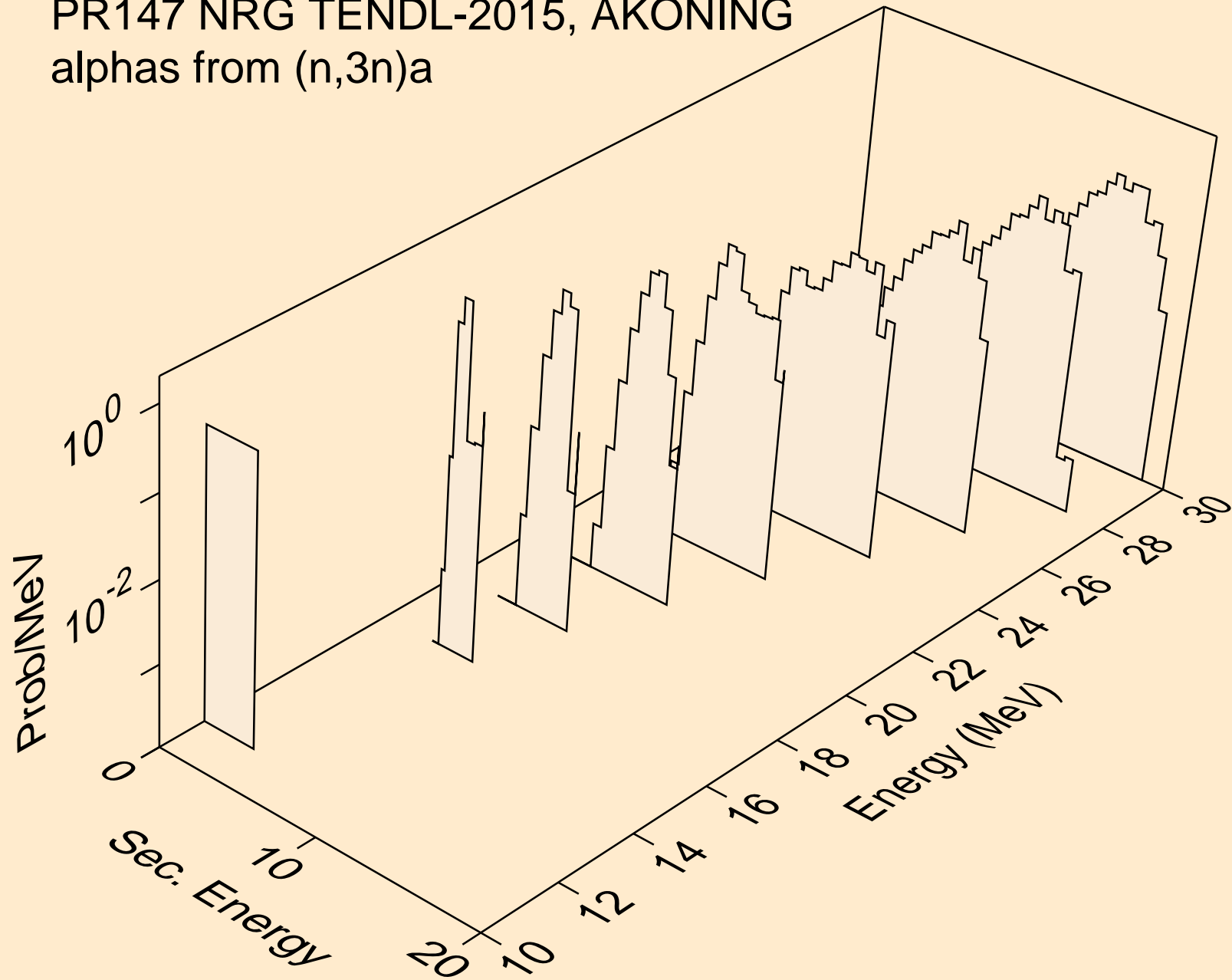
PR147 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



PR147 NRG TENDL-2015, AKONING  
alphas from (n,2n)a

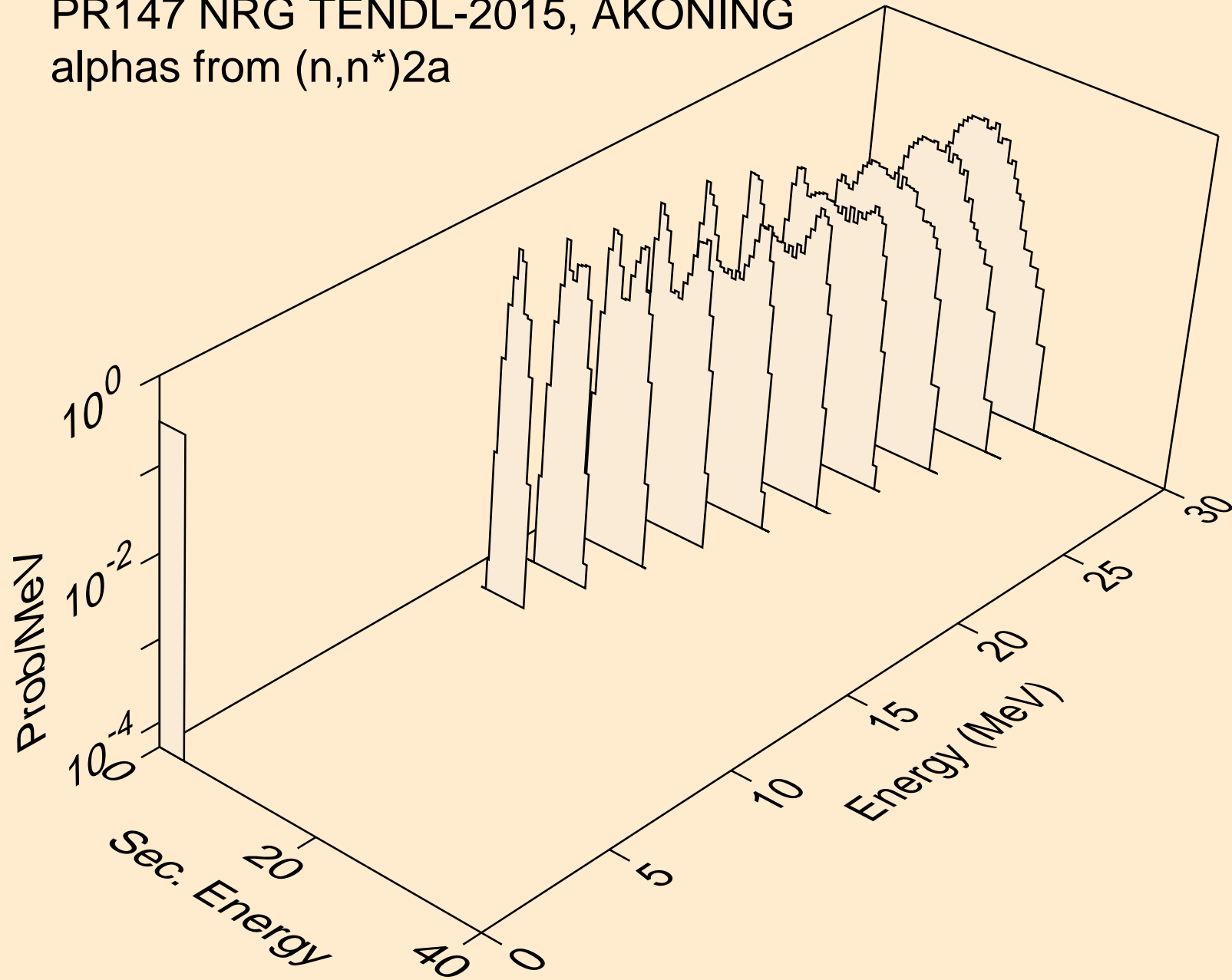


PR147 NRG TENDL-2015, AKONING  
alphas from (n,3n)a

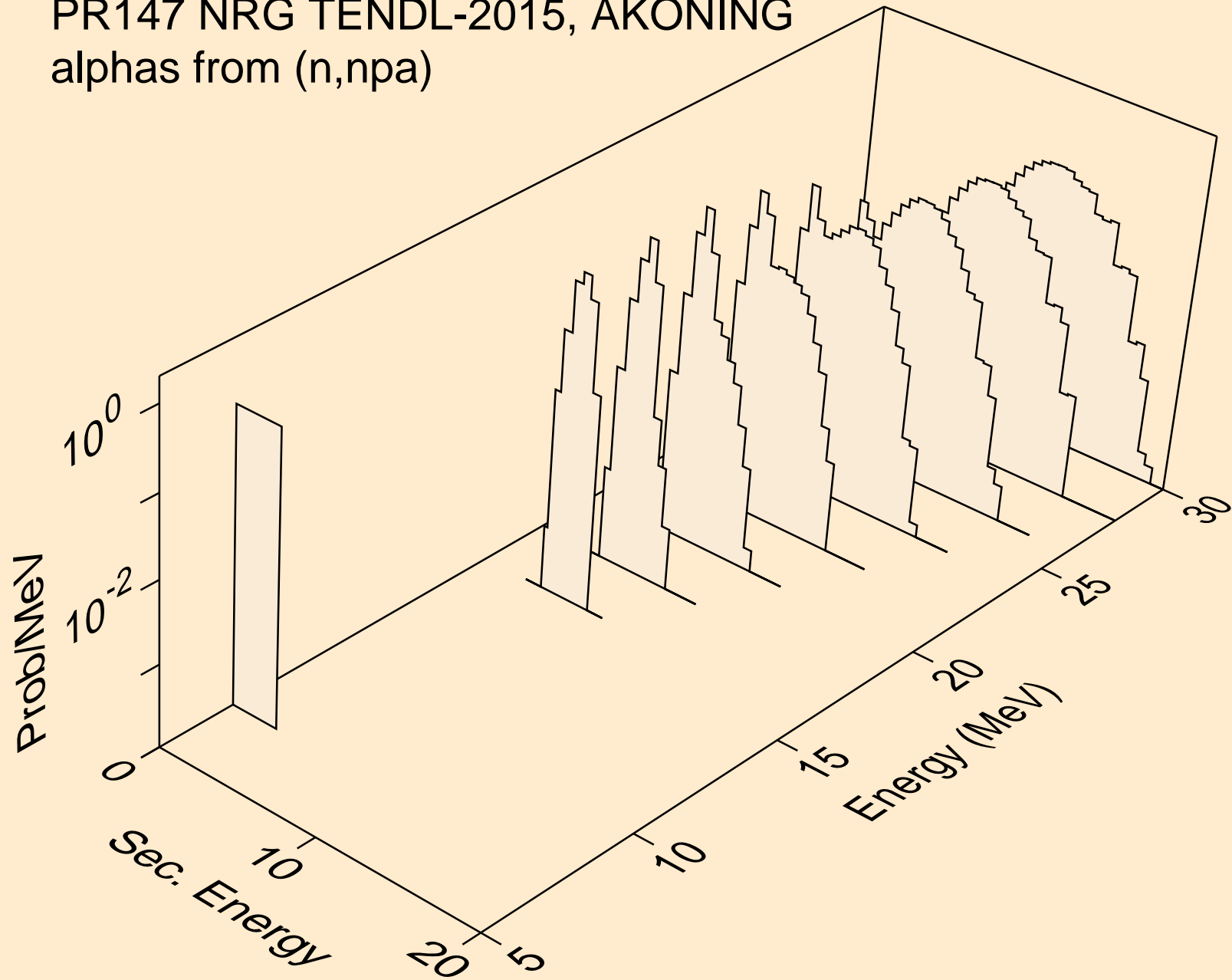




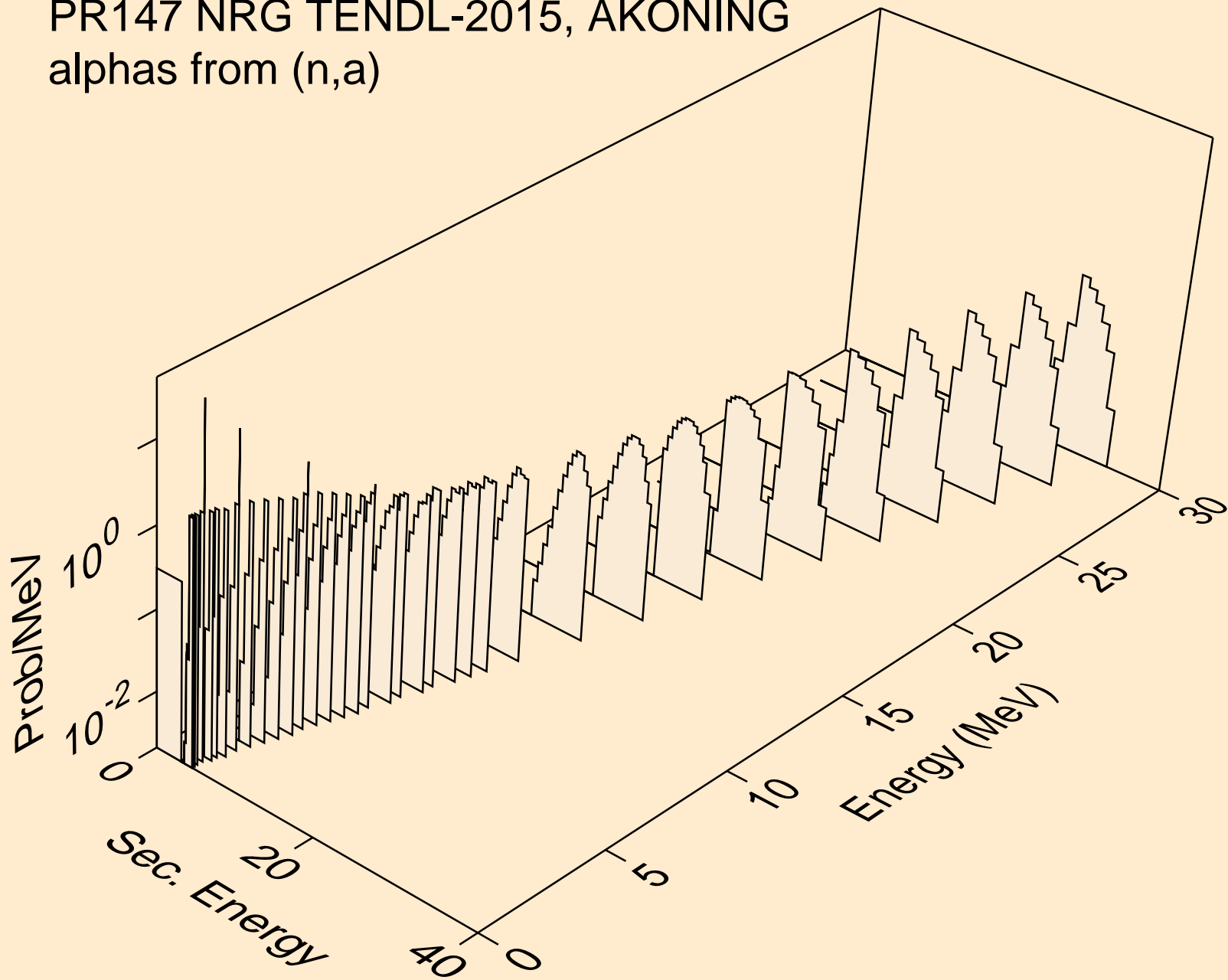
PR147 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



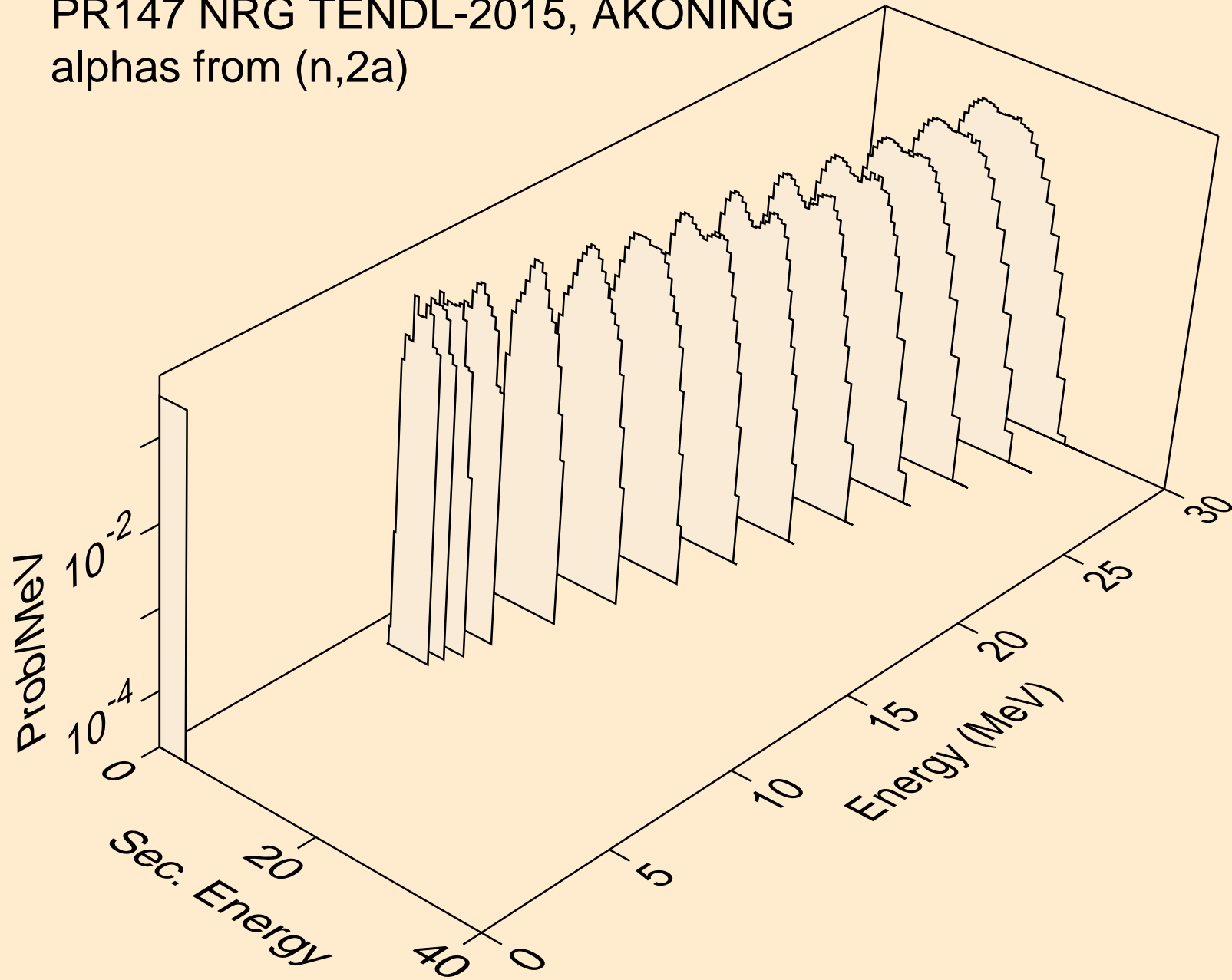
PR147 NRG TENDL-2015, AKONING  
alphas from (n,npa)



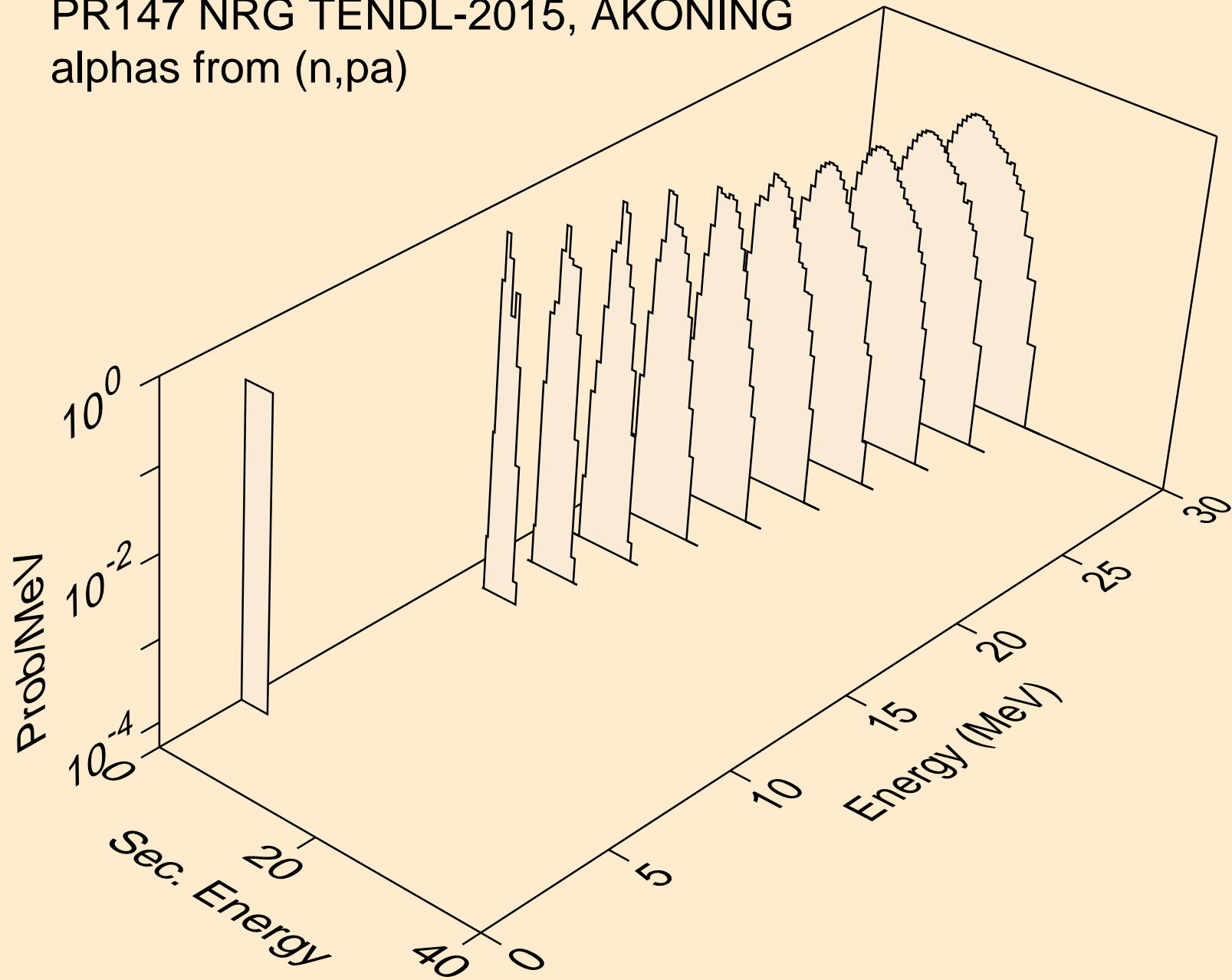
PR147 NRG TENDL-2015, AKONING  
alphas from (n,a)



PR147 NRG TENDL-2015, AKONING  
alphas from (n,2a)



PR147 NRG TENDL-2015, AKONING  
alphas from (n,pa)



PR147 NRG TENDL-2015, AKONING  
alphas from (n,da)

