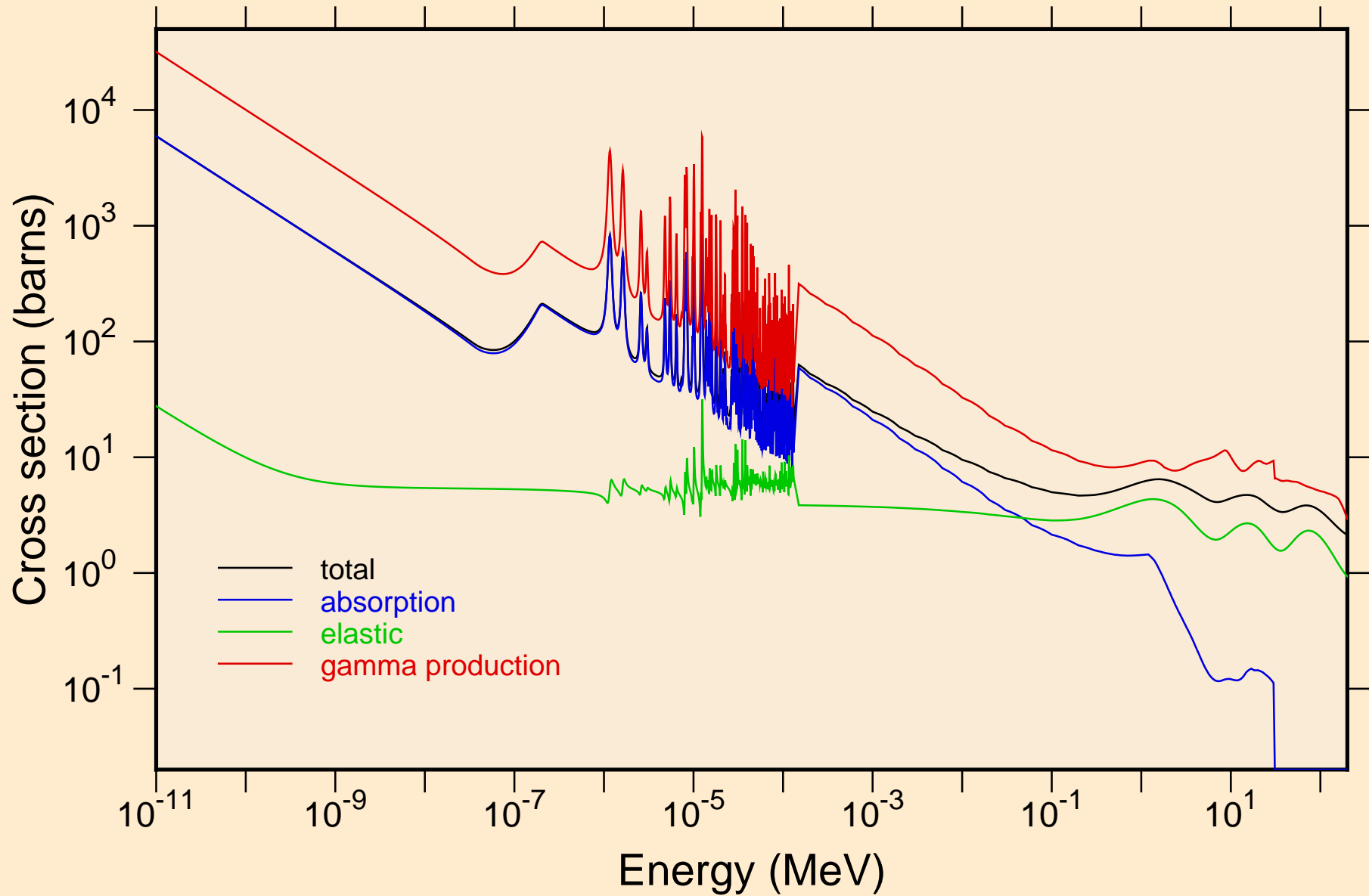
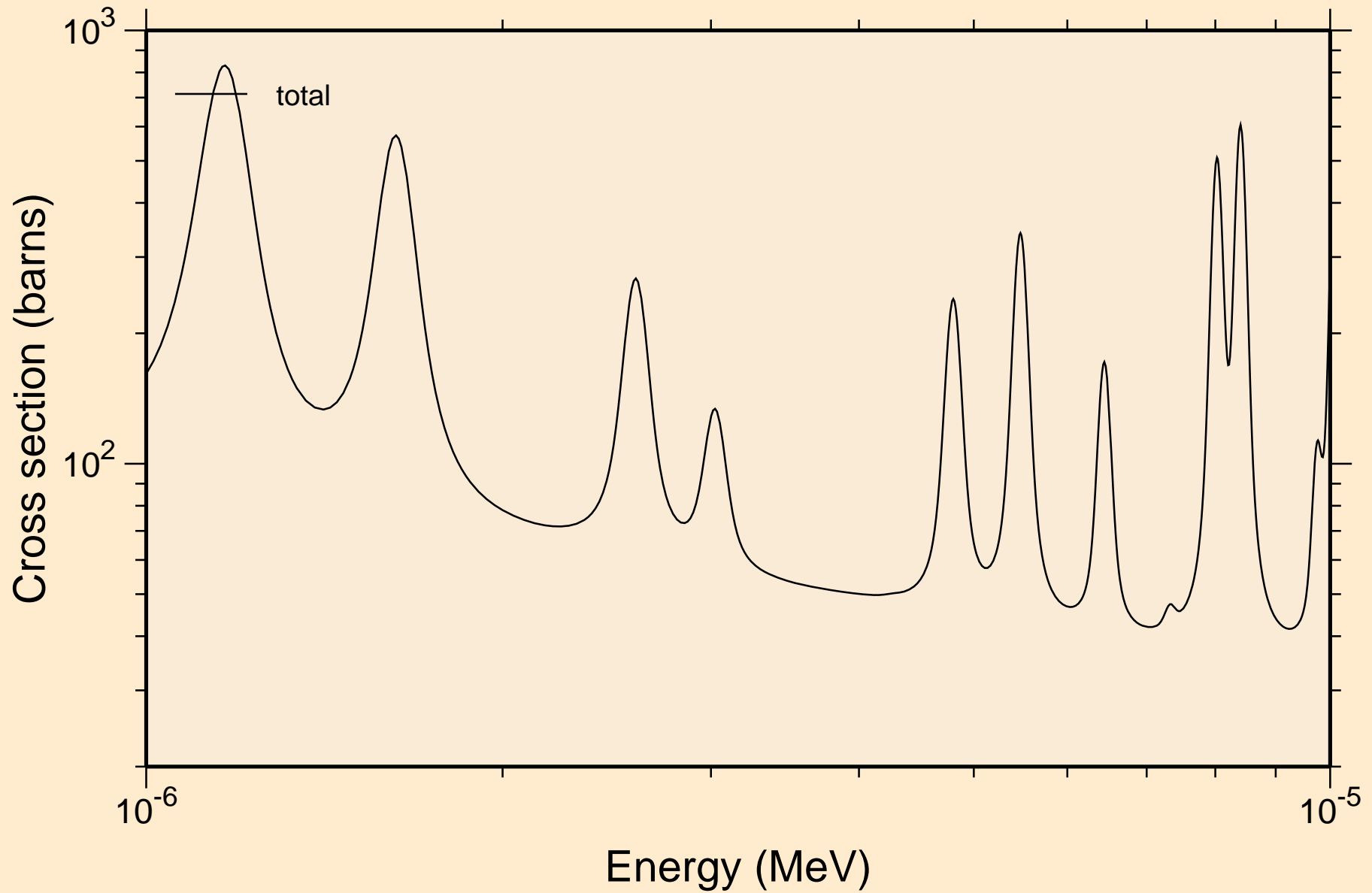


# LA130 NRG TENDL-2015, AKONING

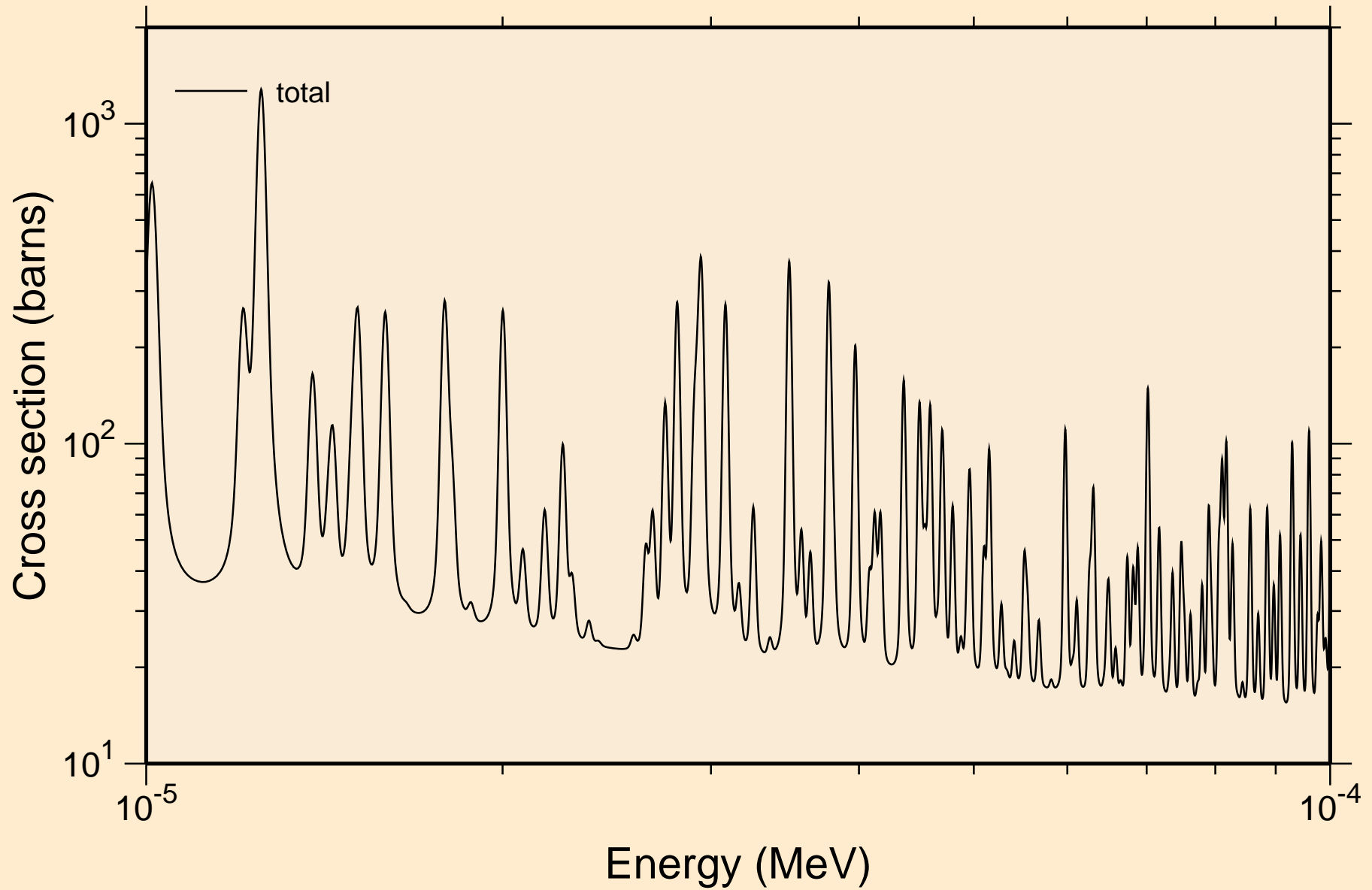
## Principal cross sections



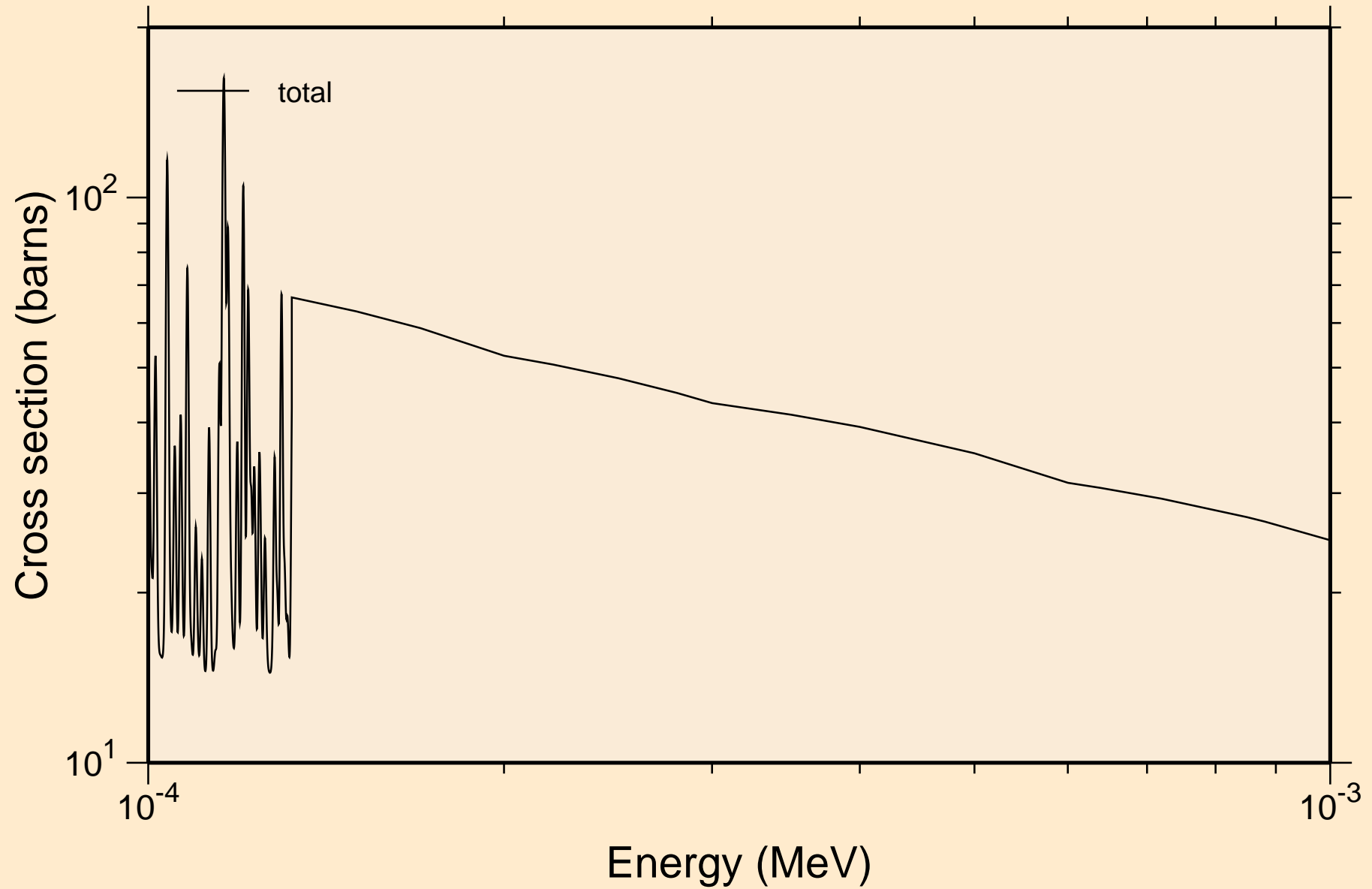
LA130 NRG TENDL-2015, AKONING  
resonance total cross section



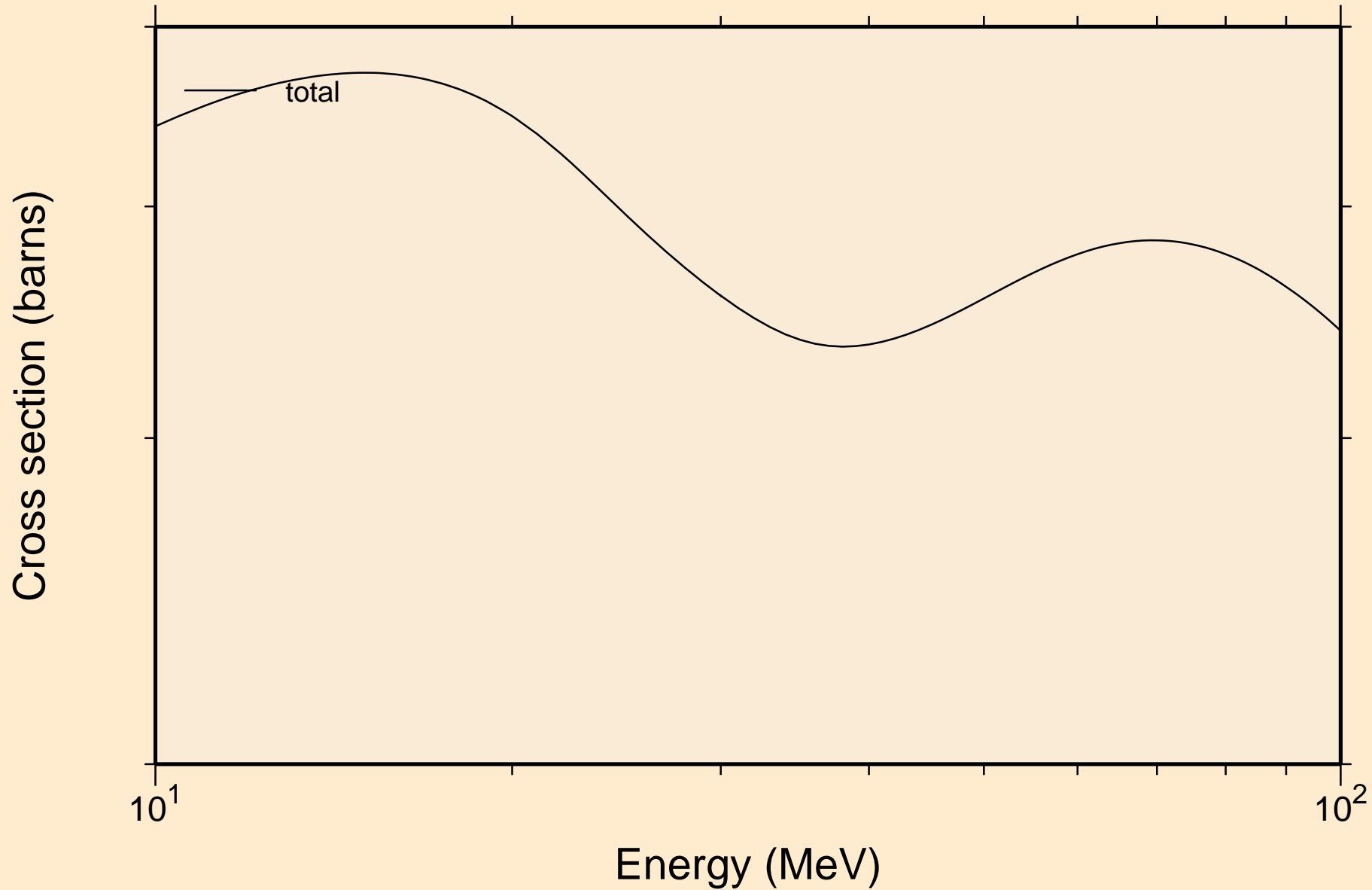
LA130 NRG TENDL-2015, AKONING  
resonance total cross section



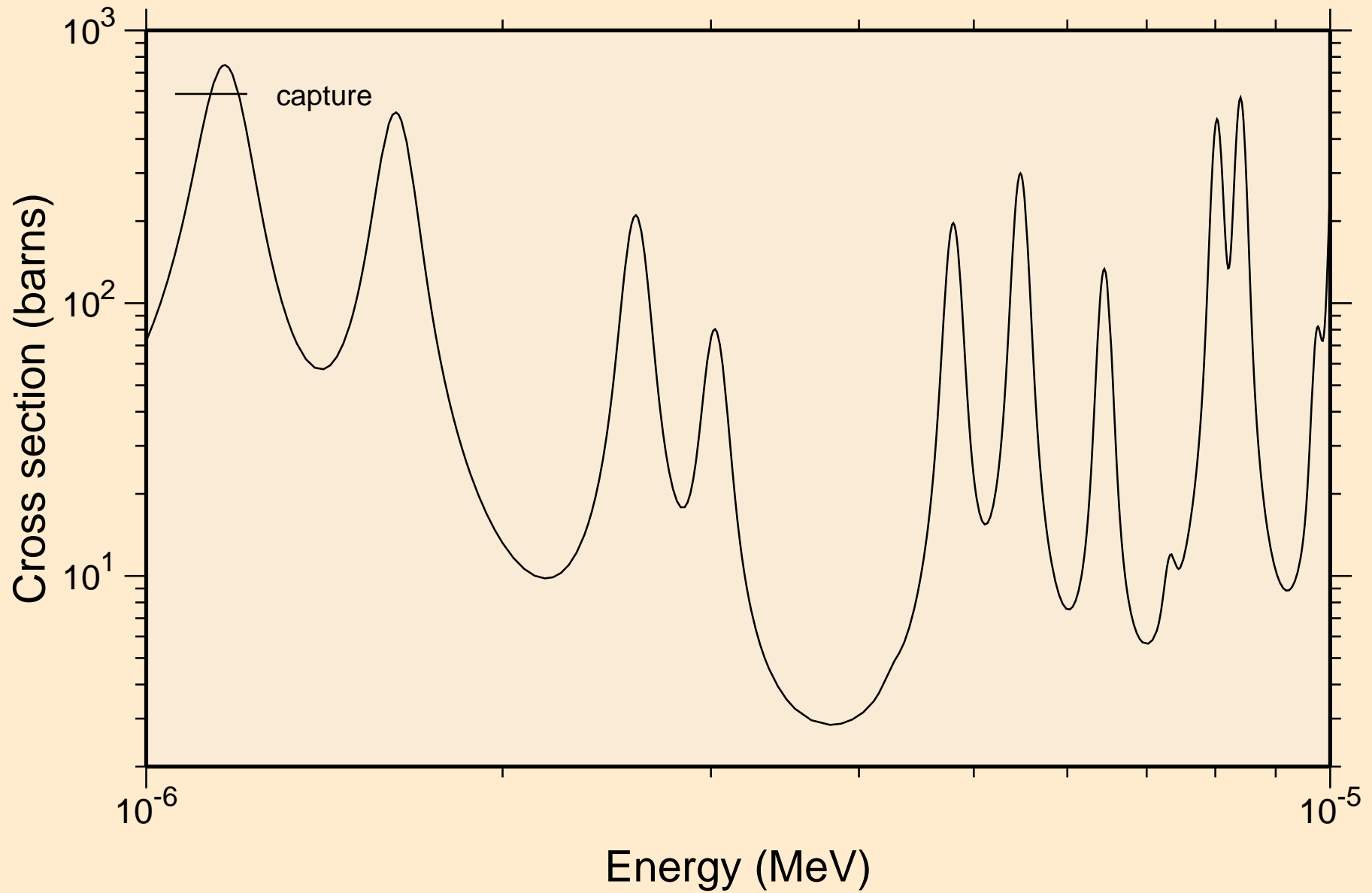
LA130 NRG TENDL-2015, AKONING  
resonance total cross section



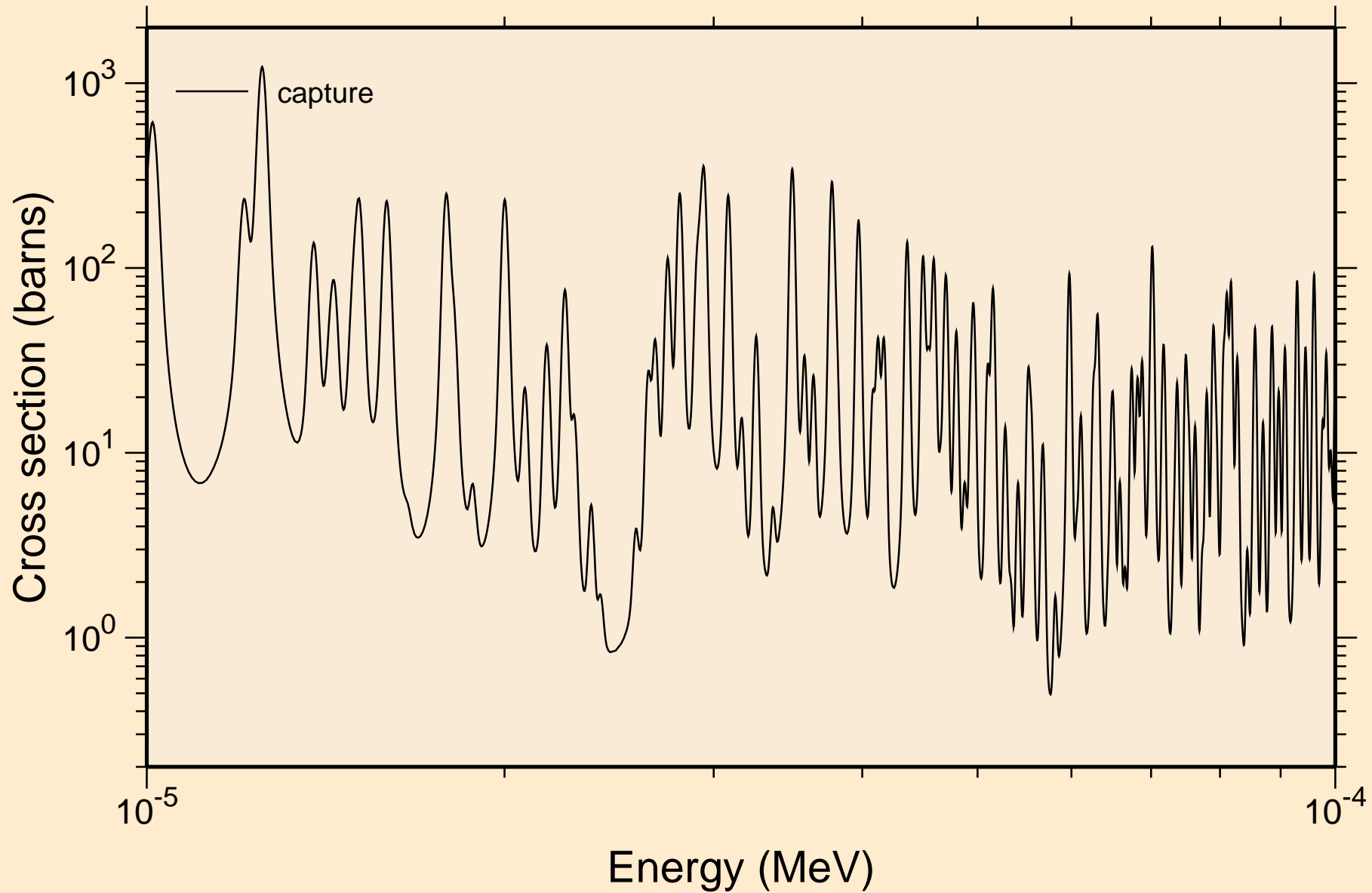
L̄A130 NRG TENDL-2015, AKONING  
resonance total cross section



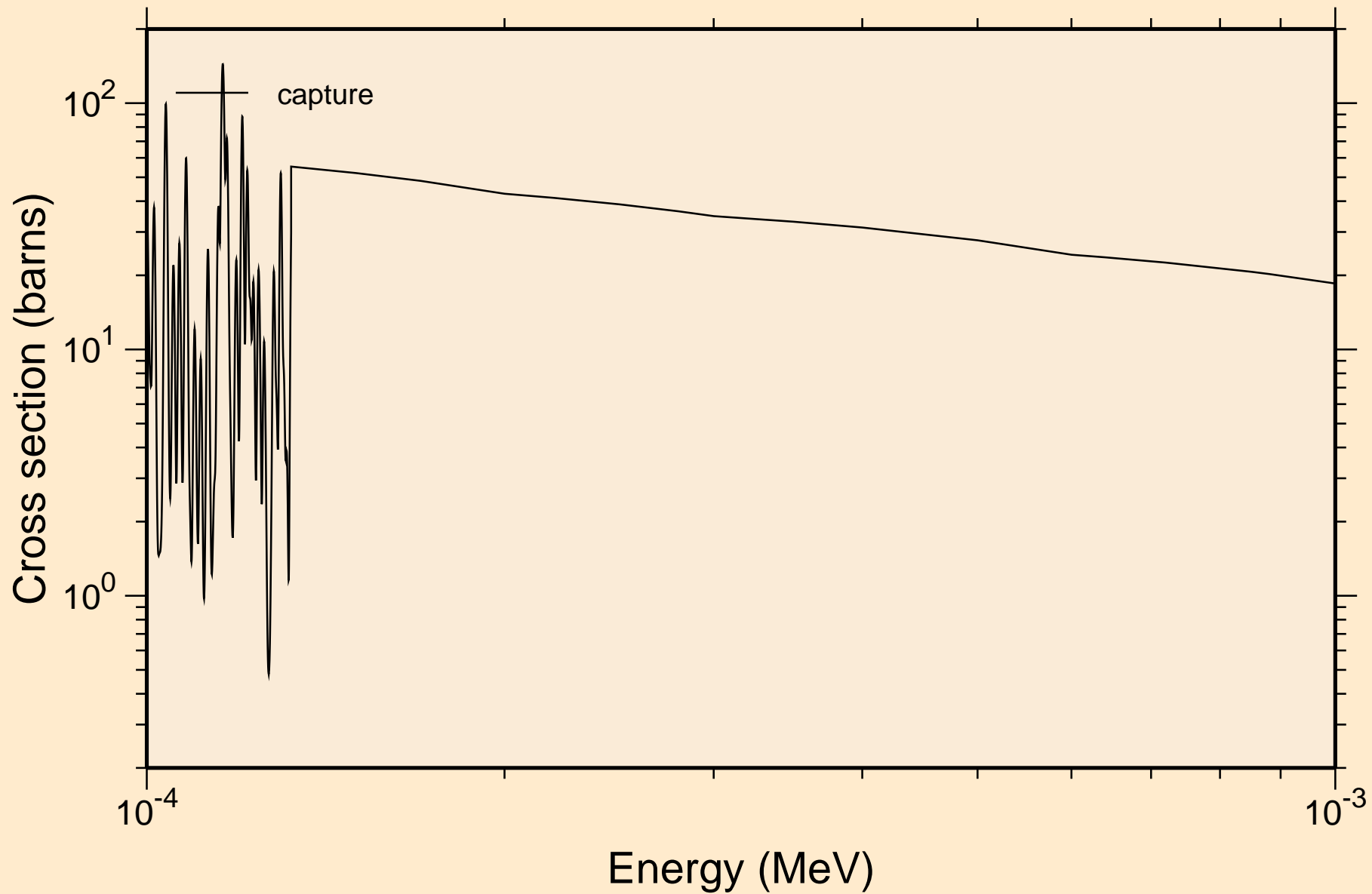
LA130 NRG TENDL-2015, AKONING  
resonance absorption cross sections



LA130 NRG TENDL-2015, AKONING  
resonance absorption cross sections

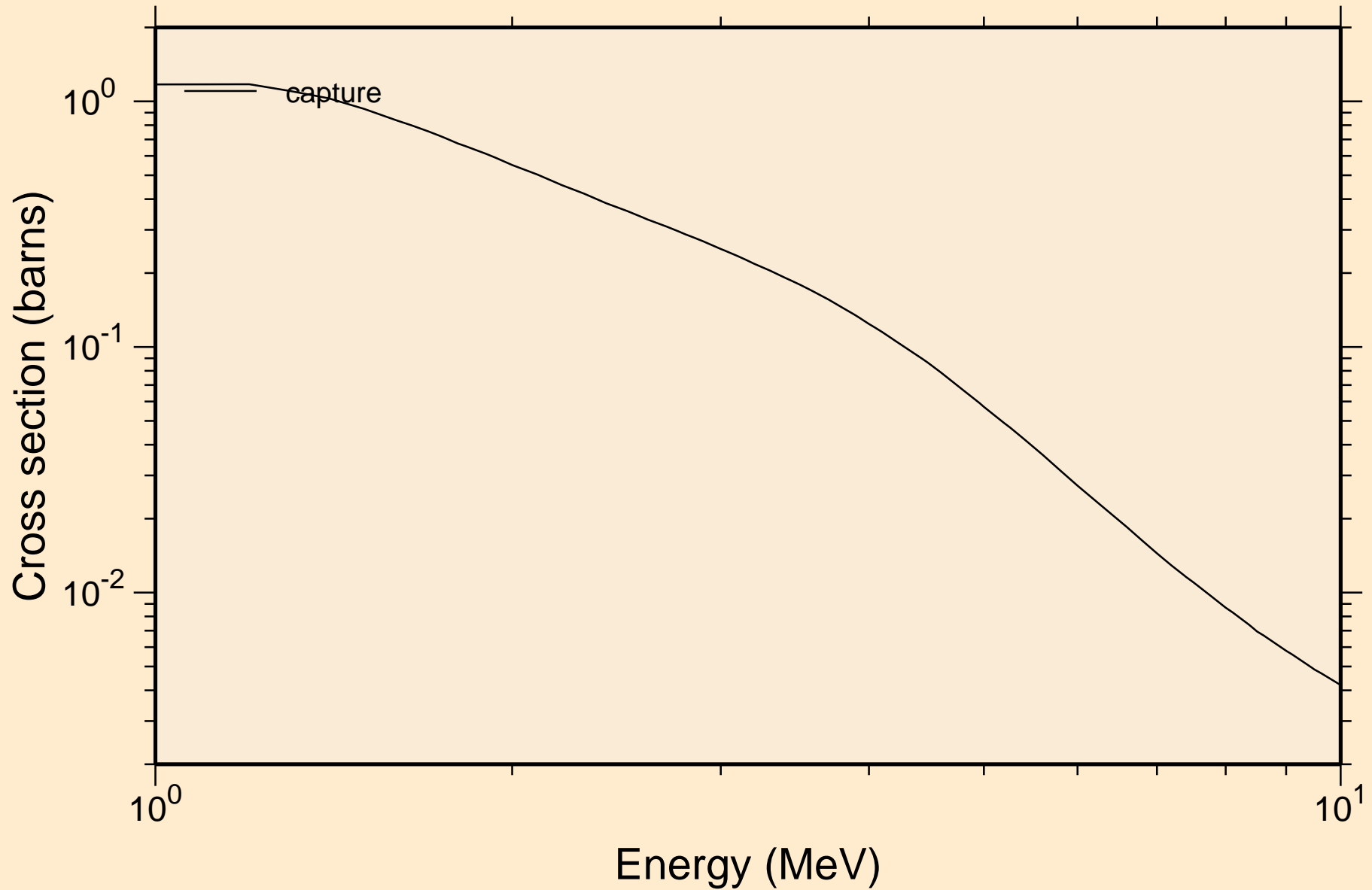


LA130 NRG TENDL-2015, AKONING  
resonance absorption cross sections



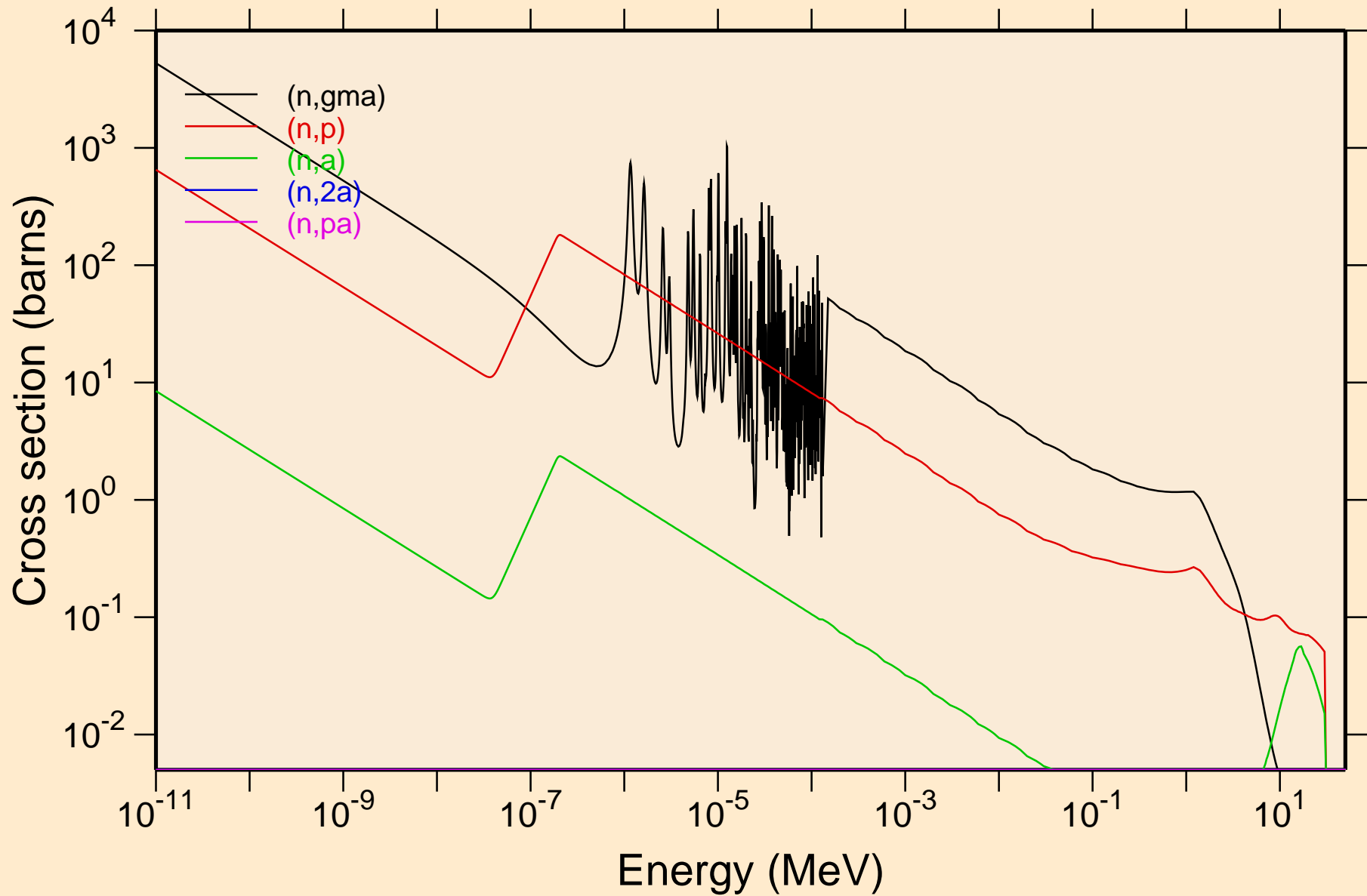


LA130 NRG TENDL-2015, AKONING  
resonance absorption cross sections



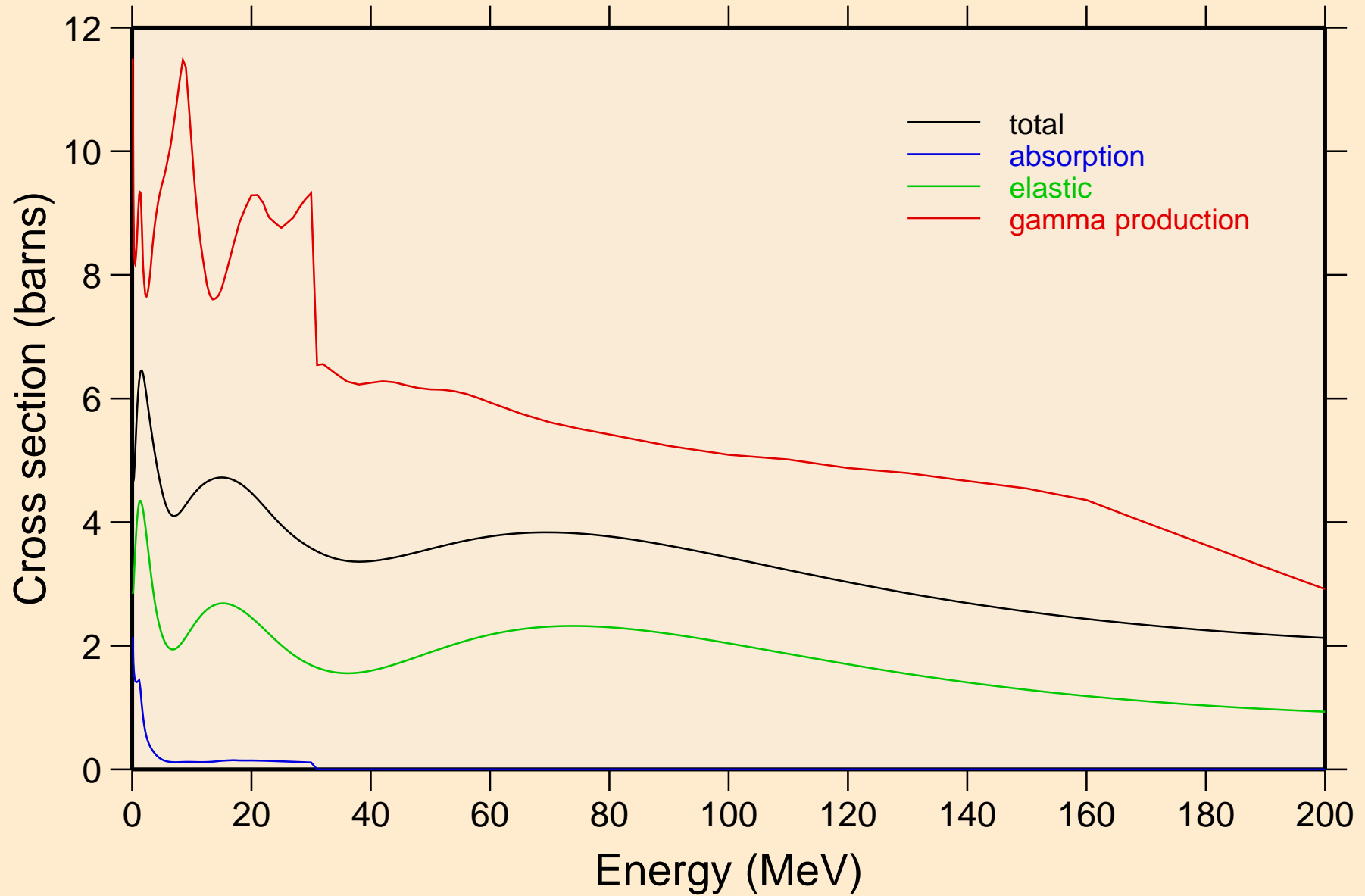
# LA130 NRG TENDL-2015, AKONING

## Non-threshold reactions



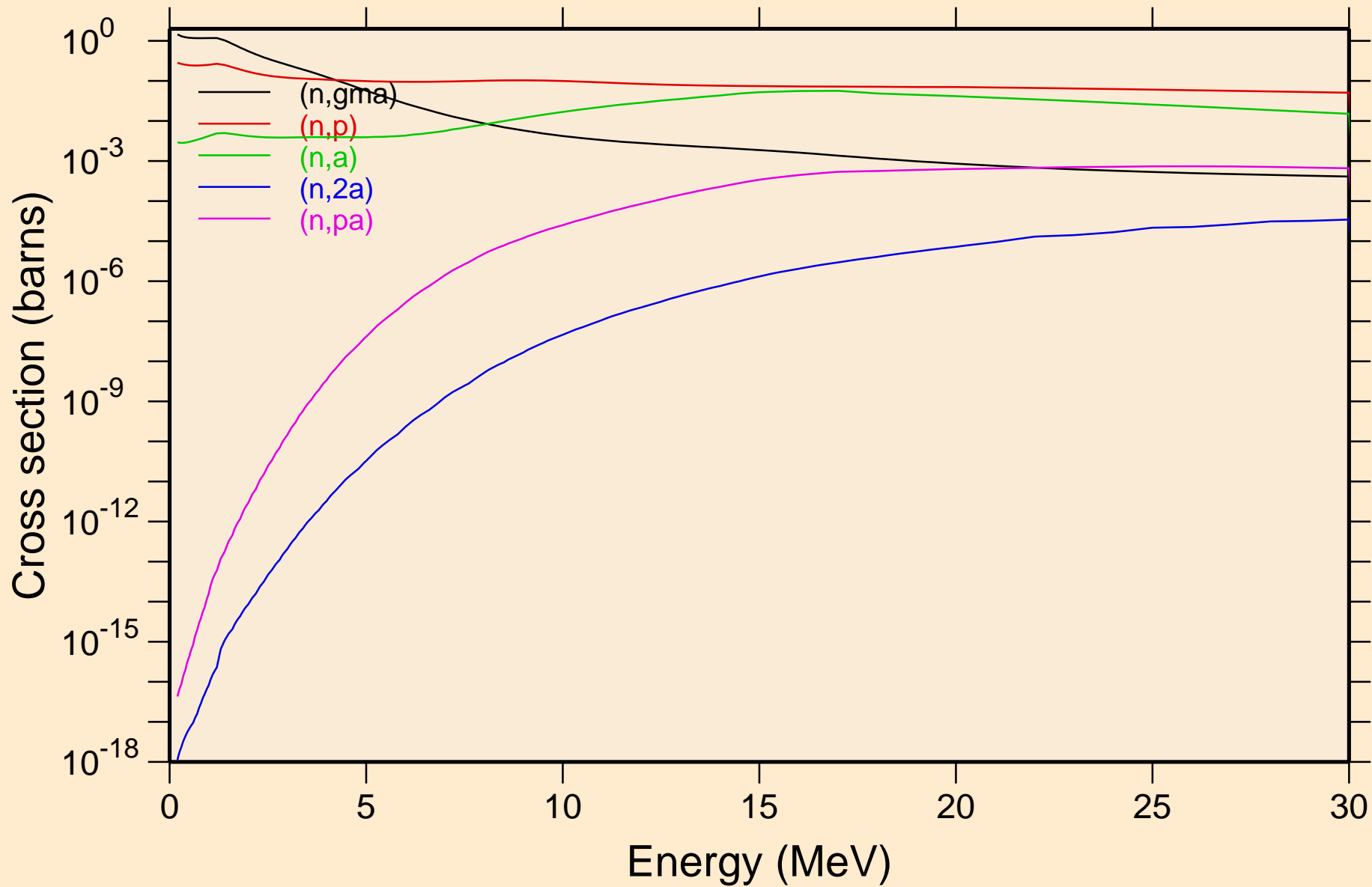
# LA130 NRG TENDL-2015, AKONING

## Principal cross sections



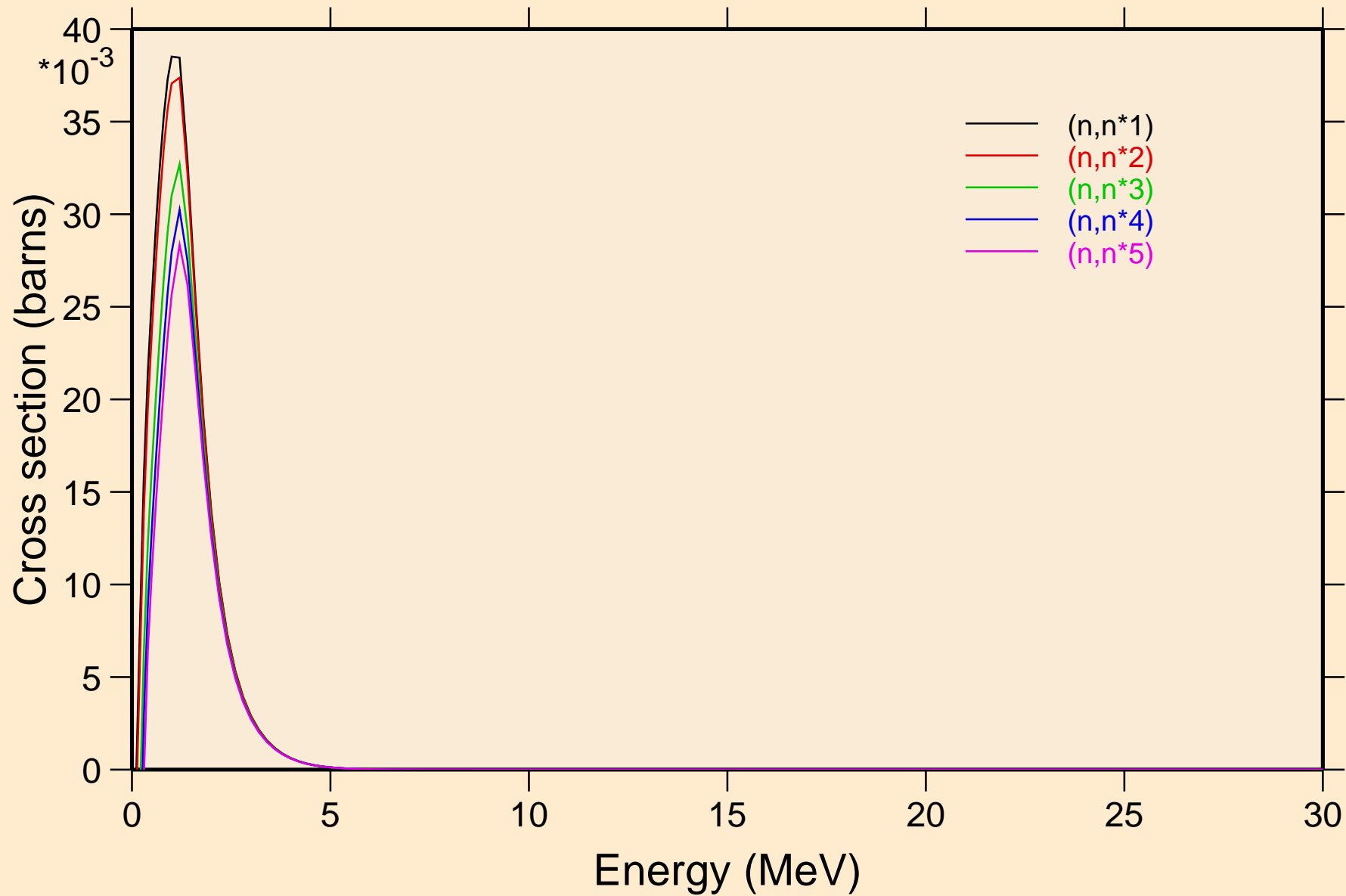
# LA130 NRG TENDL-2015, AKONING

## Non-threshold reactions



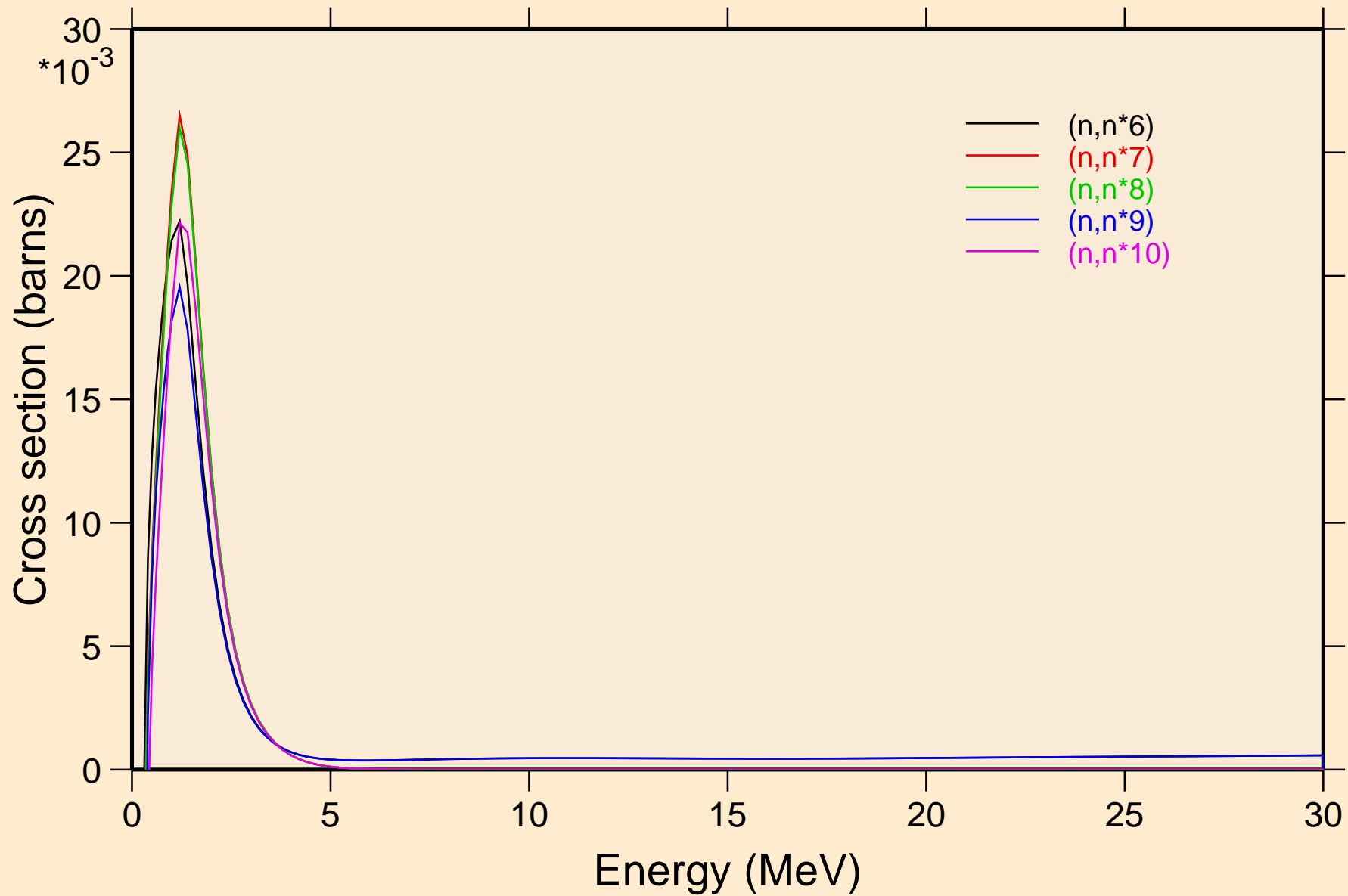
# LA130 NRG TENDL-2015, AKONING

## Inelastic levels



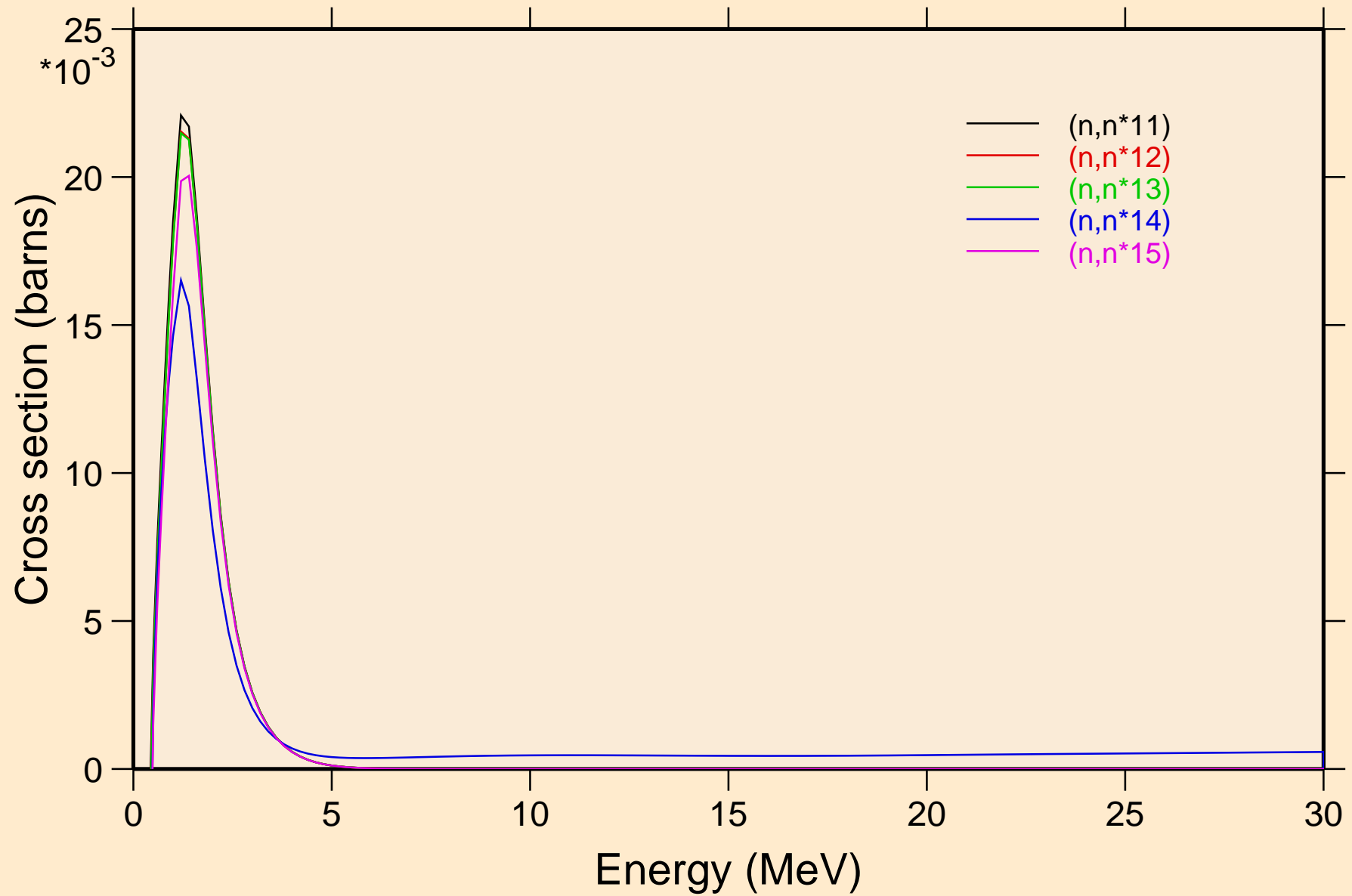
# LA130 NRG TENDL-2015, AKONING

## Inelastic levels



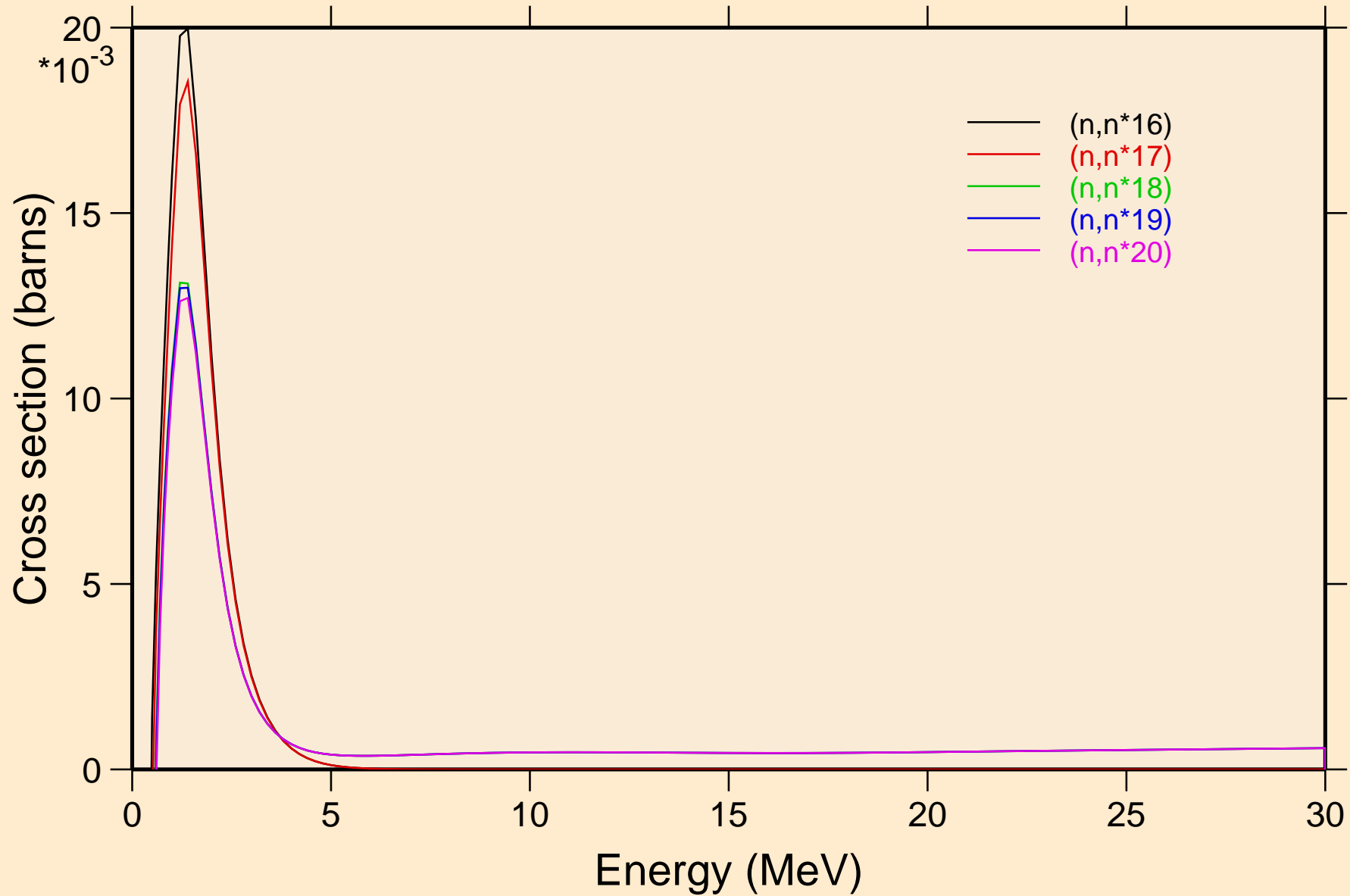
# LA130 NRG TENDL-2015, AKONING

## Inelastic levels



# LA130 NRG TENDL-2015, AKONING

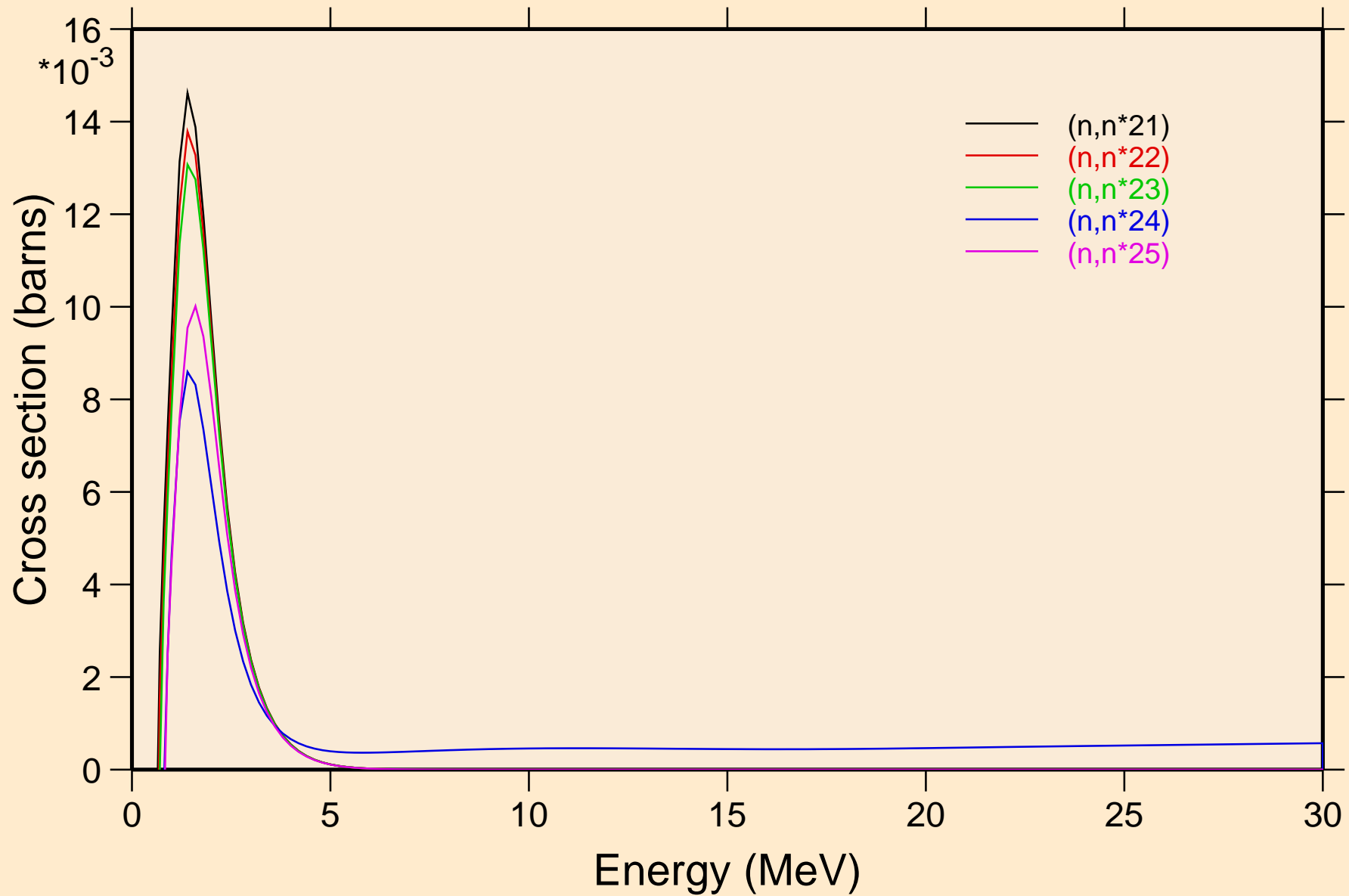
## Inelastic levels



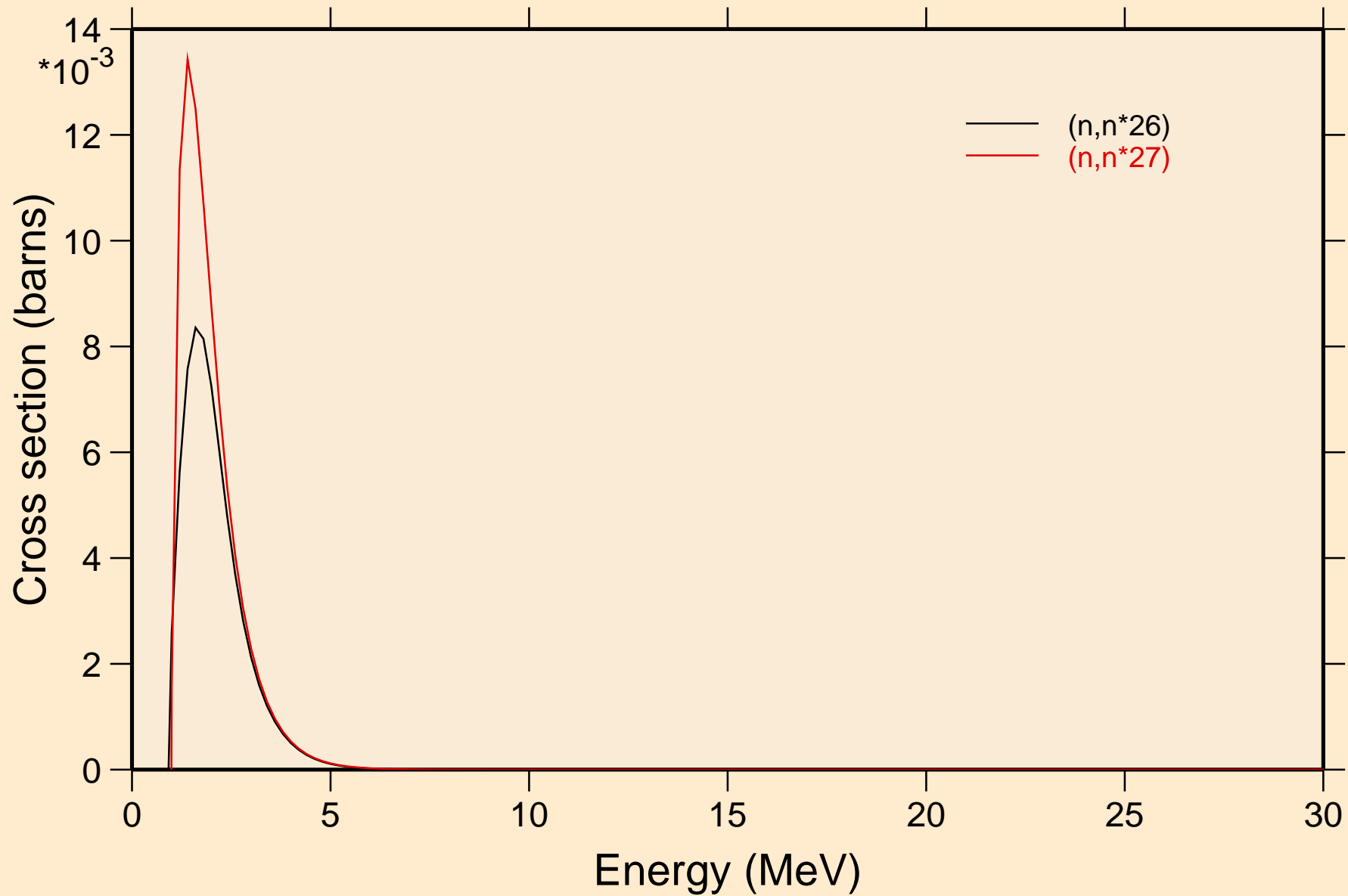


# LA130 NRG TENDL-2015, AKONING

## Inelastic levels

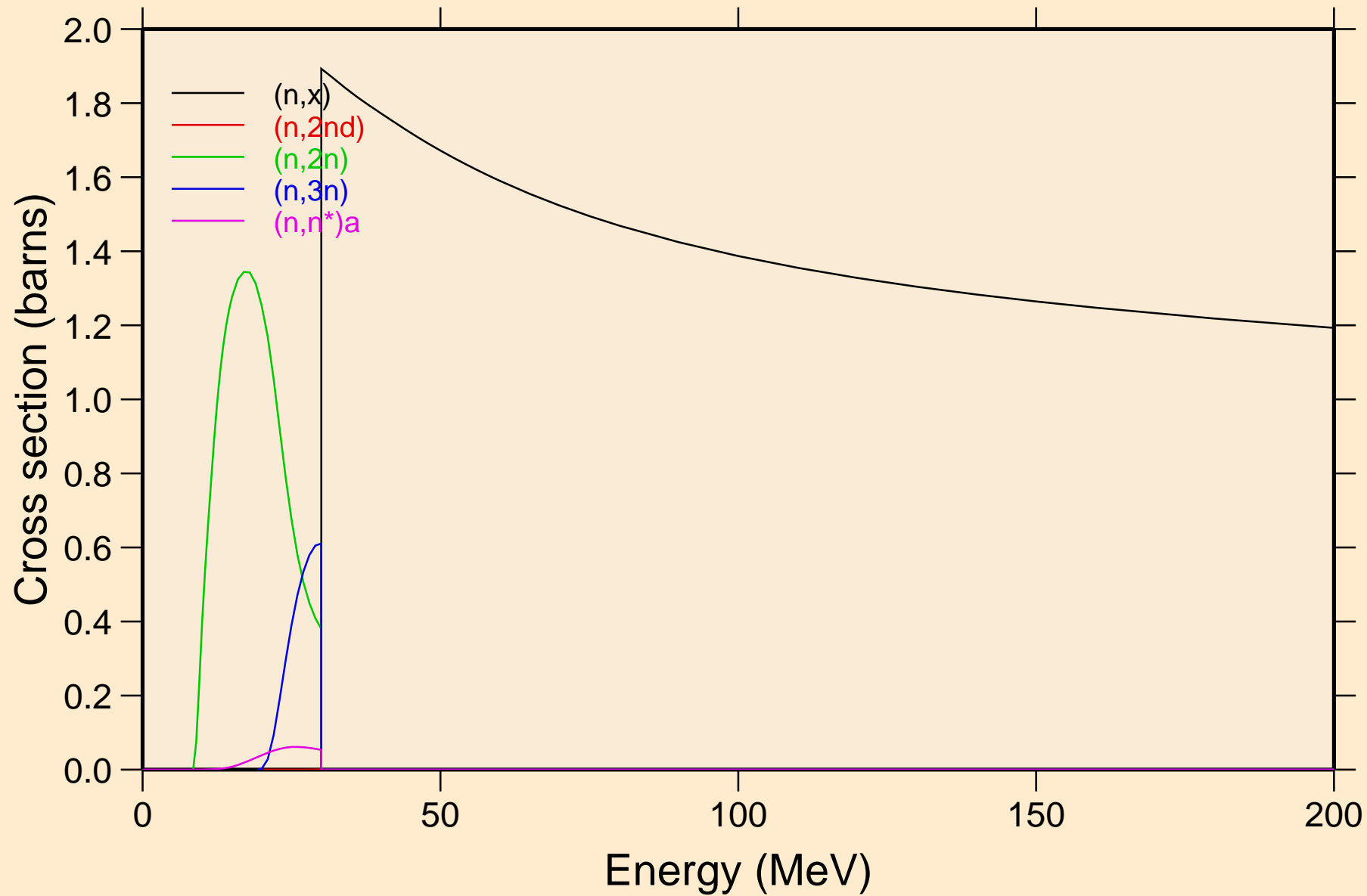


LA130 NRG TENDL-2015, AKONING  
Inelastic levels



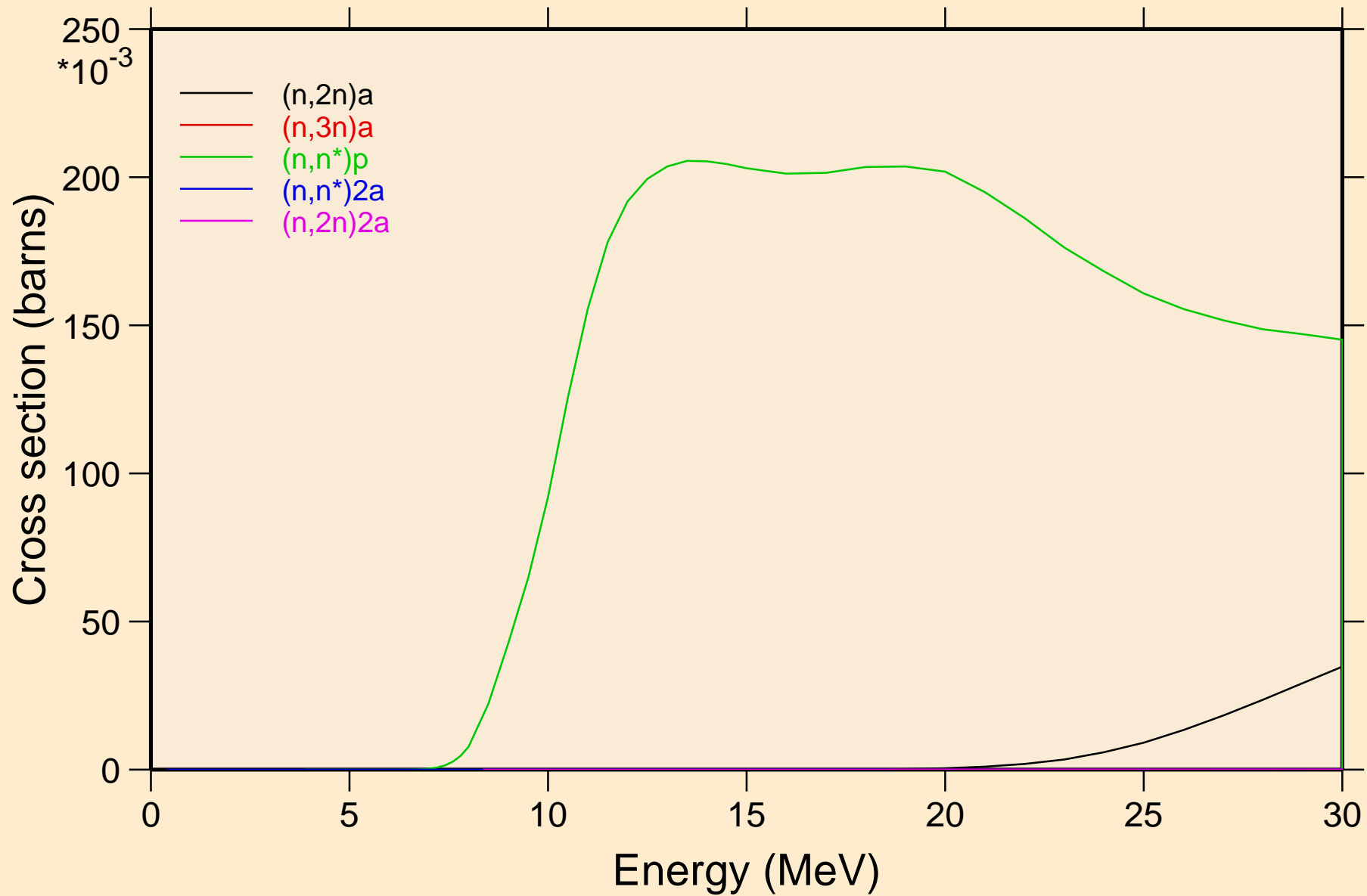
# LA130 NRG TENDL-2015, AKONING

## Threshold reactions



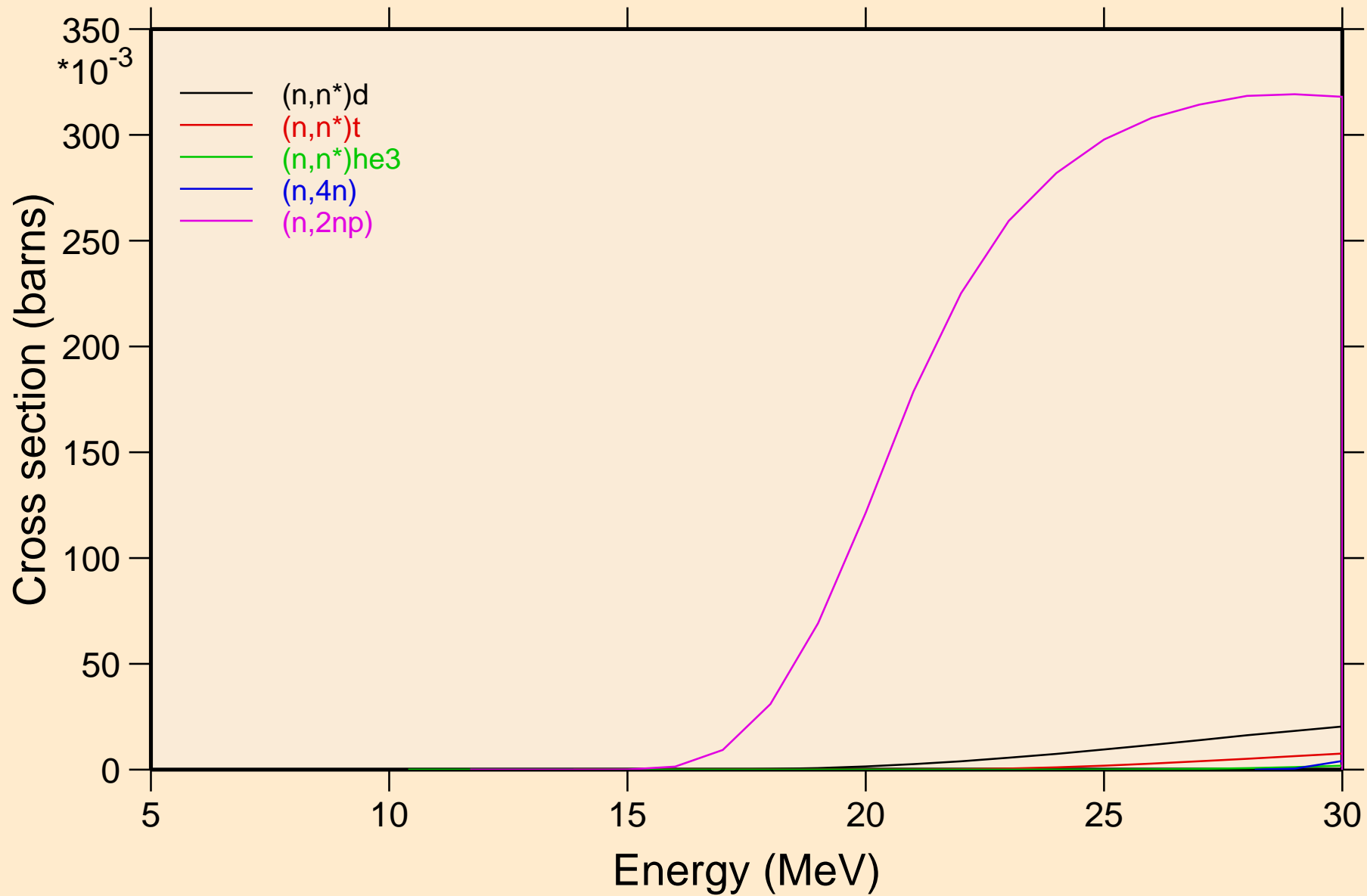
# LA130 NRG TENDL-2015, AKONING

## Threshold reactions



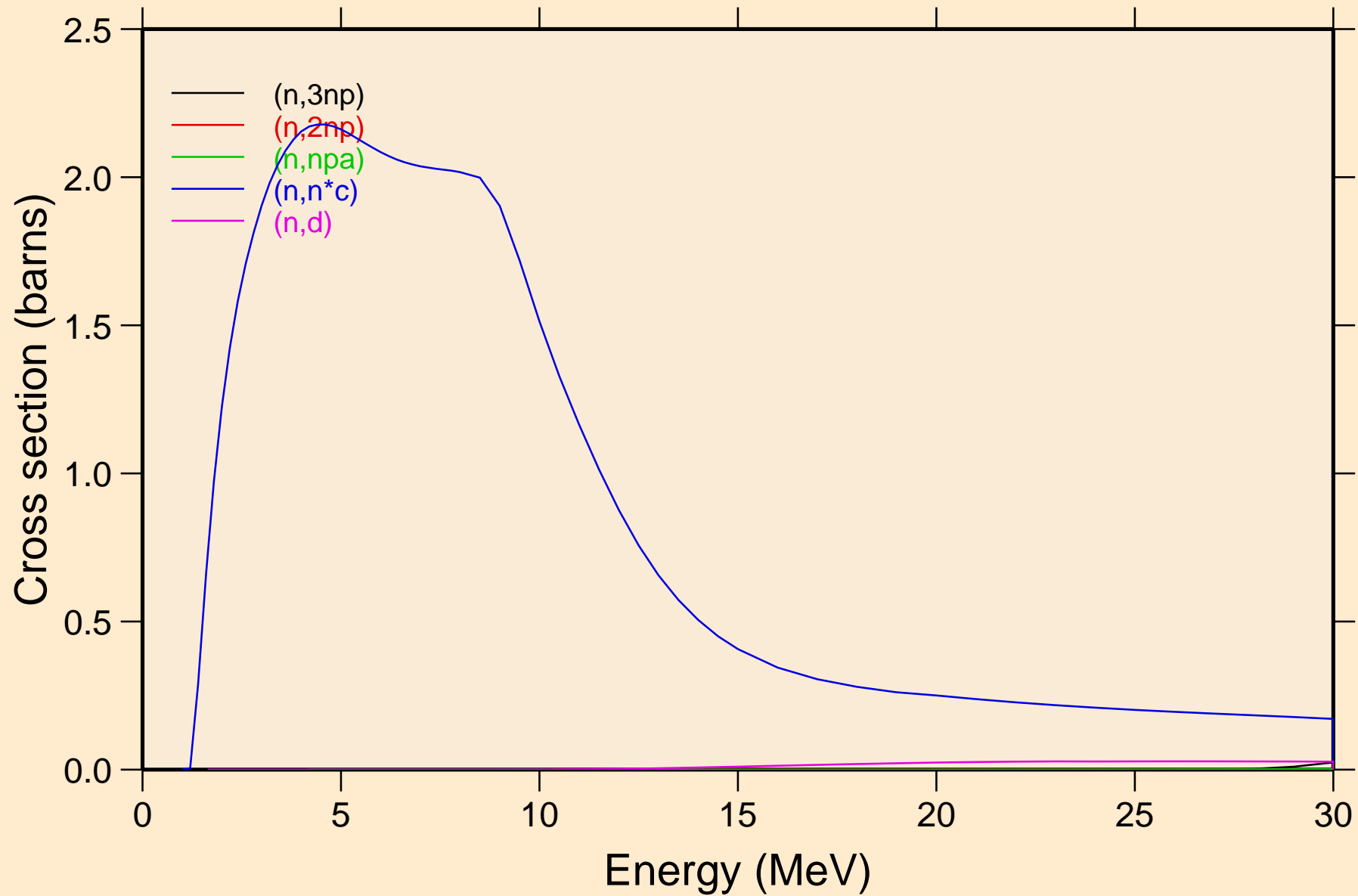
# LA130 NRG TENDL-2015, AKONING

## Threshold reactions



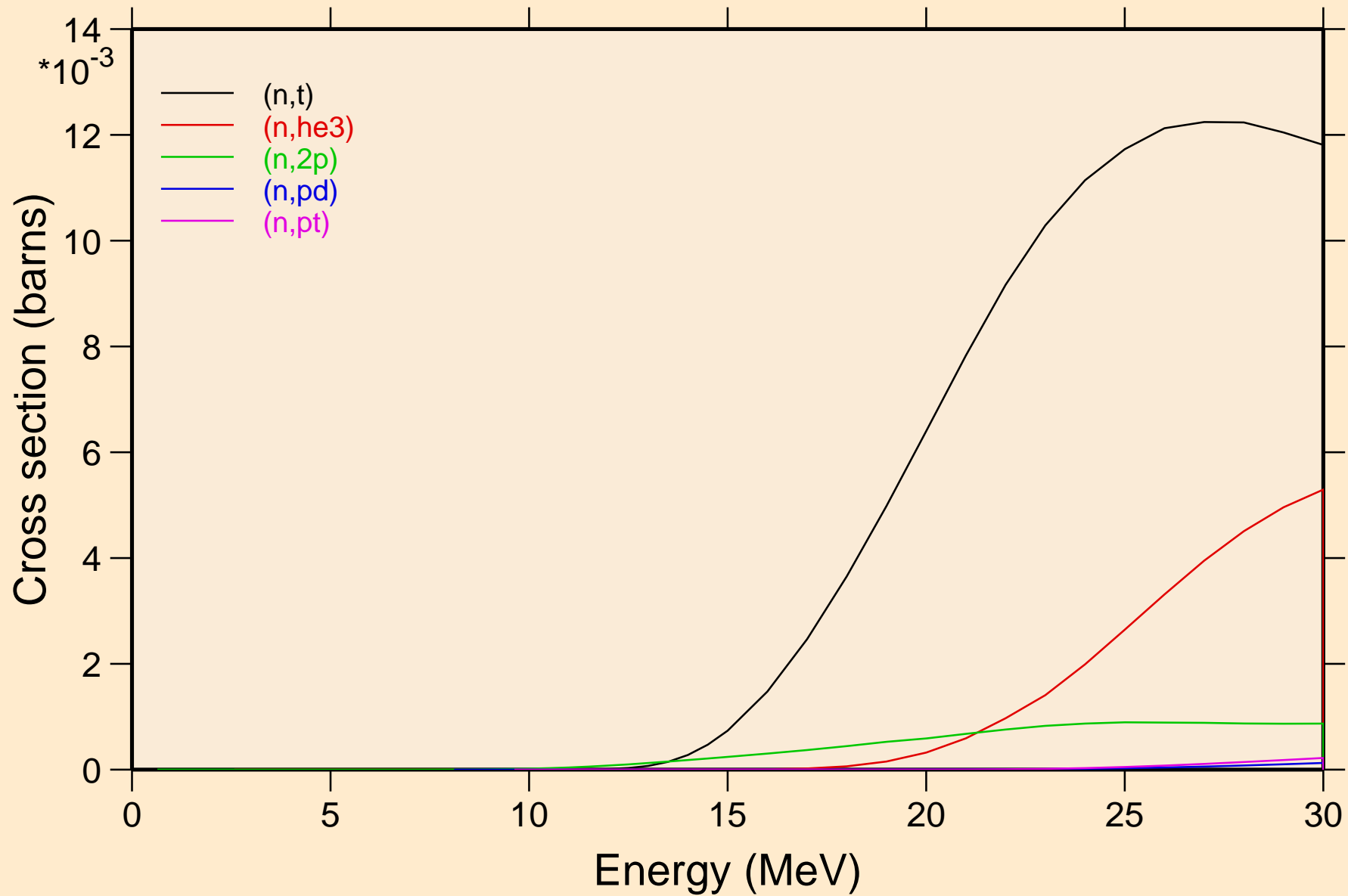
# LA130 NRG TENDL-2015, AKONING

## Threshold reactions

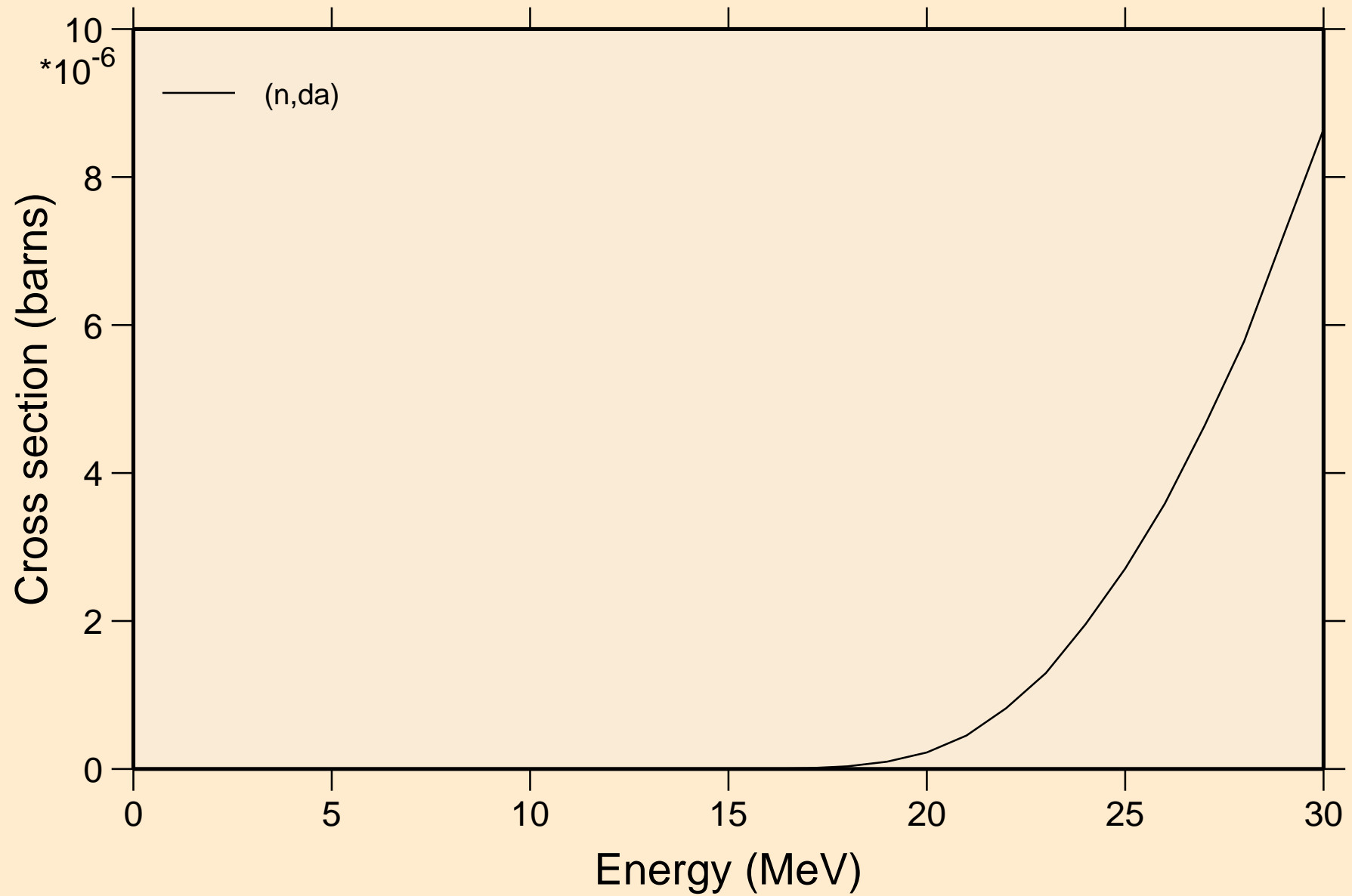


# LA130 NRG TENDL-2015, AKONING

## Threshold reactions

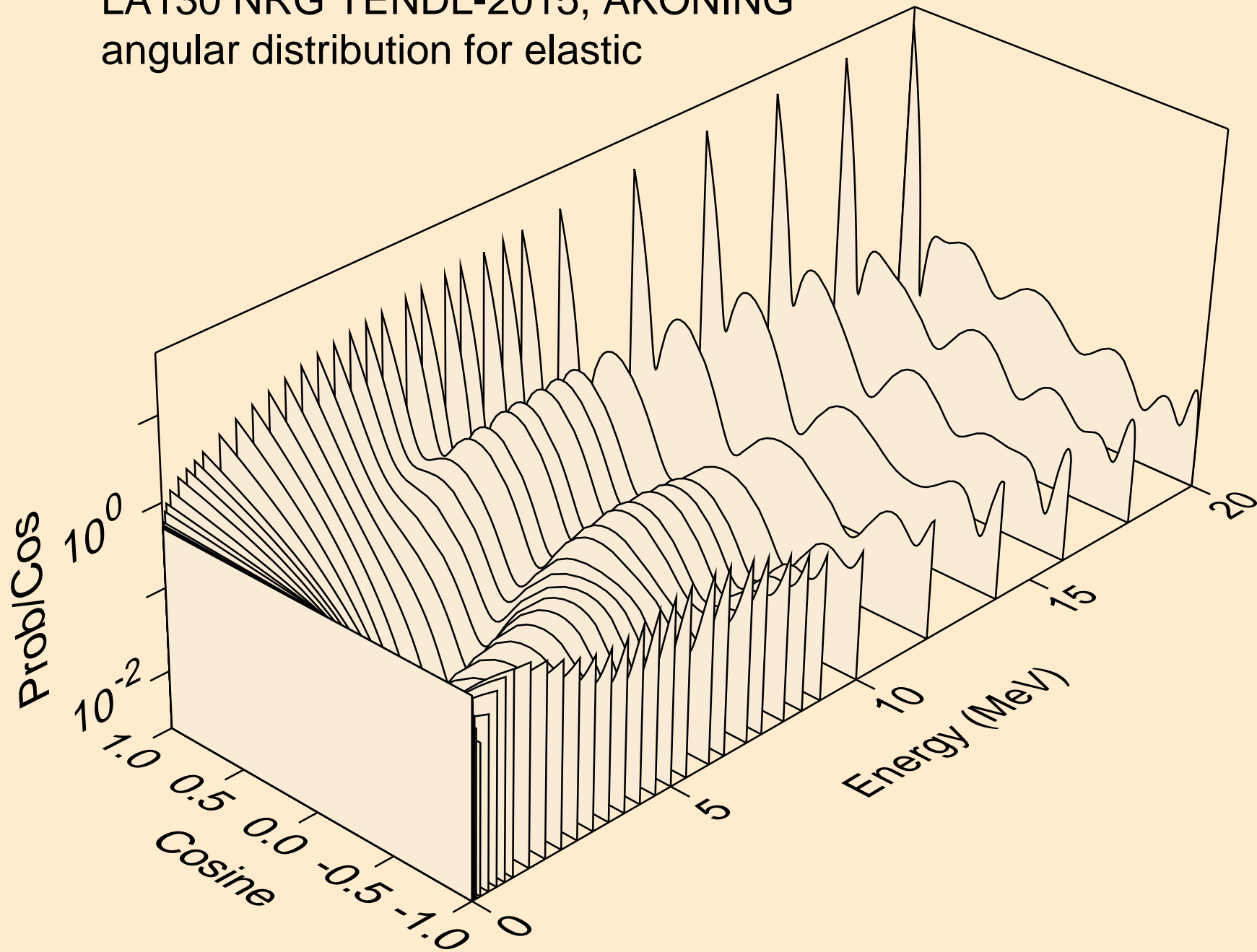


LA130 NRG TENDL-2015, AKONING  
Threshold reactions

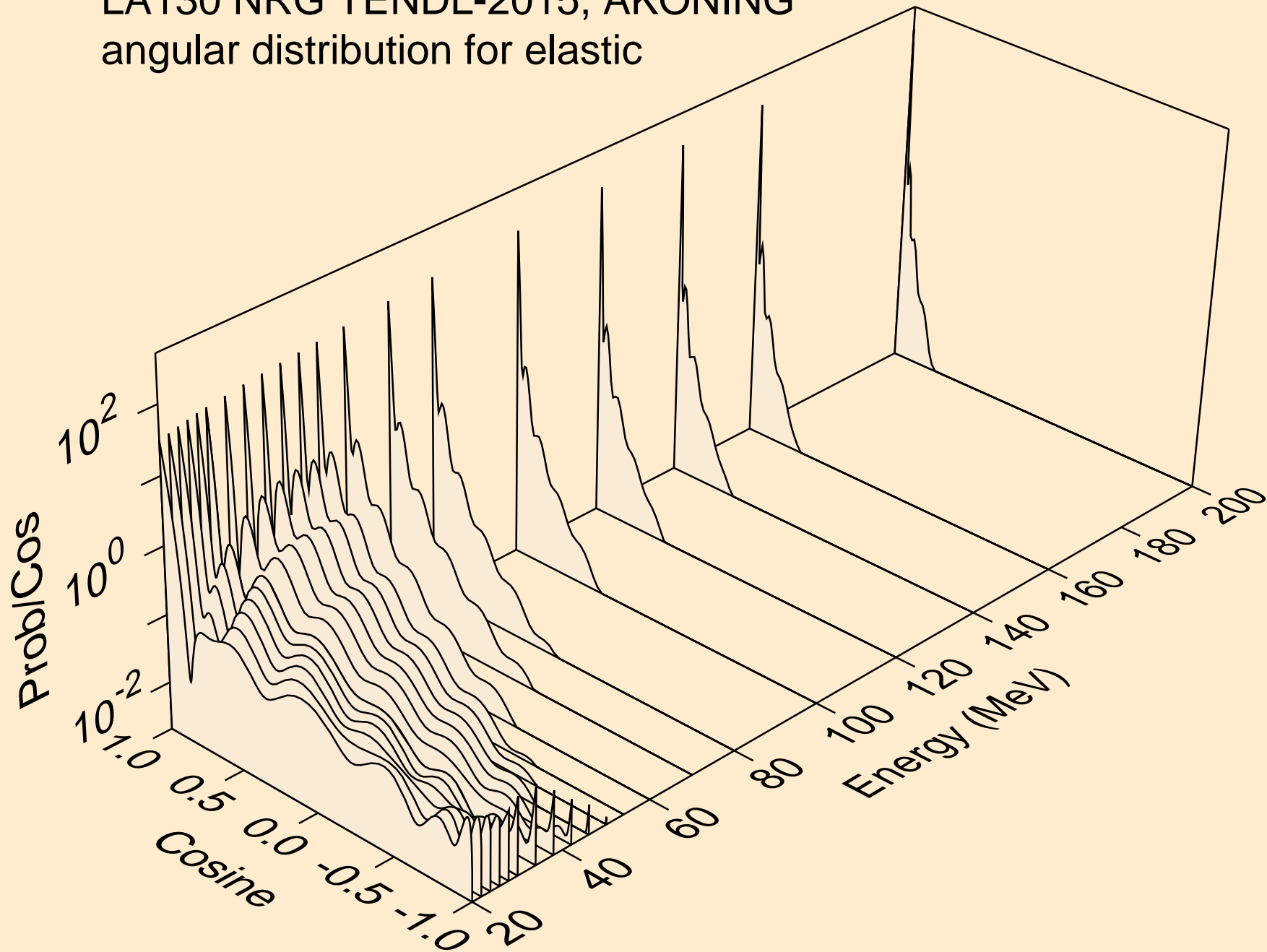




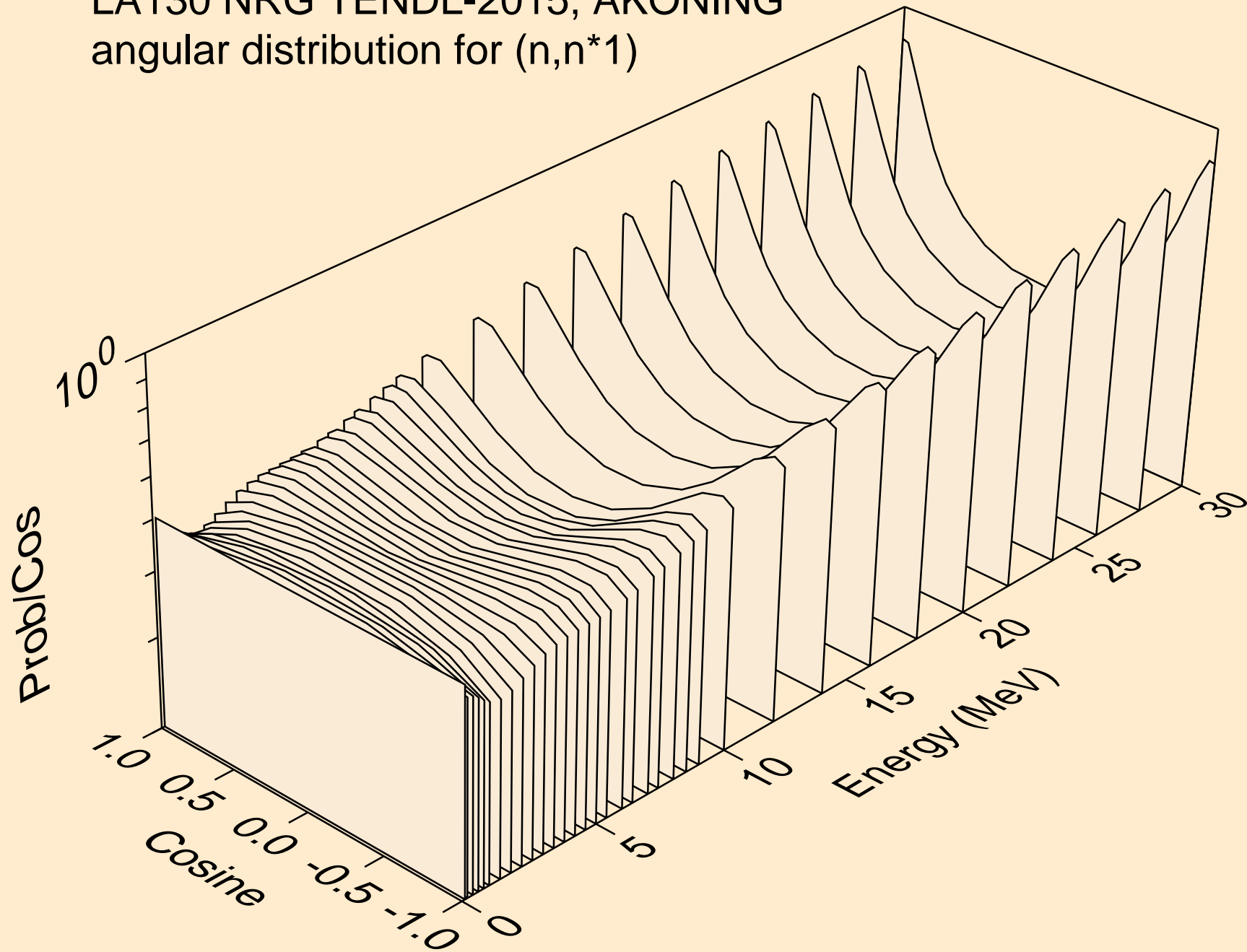
LA130 NRG TENDL-2015, AKONING  
angular distribution for elastic



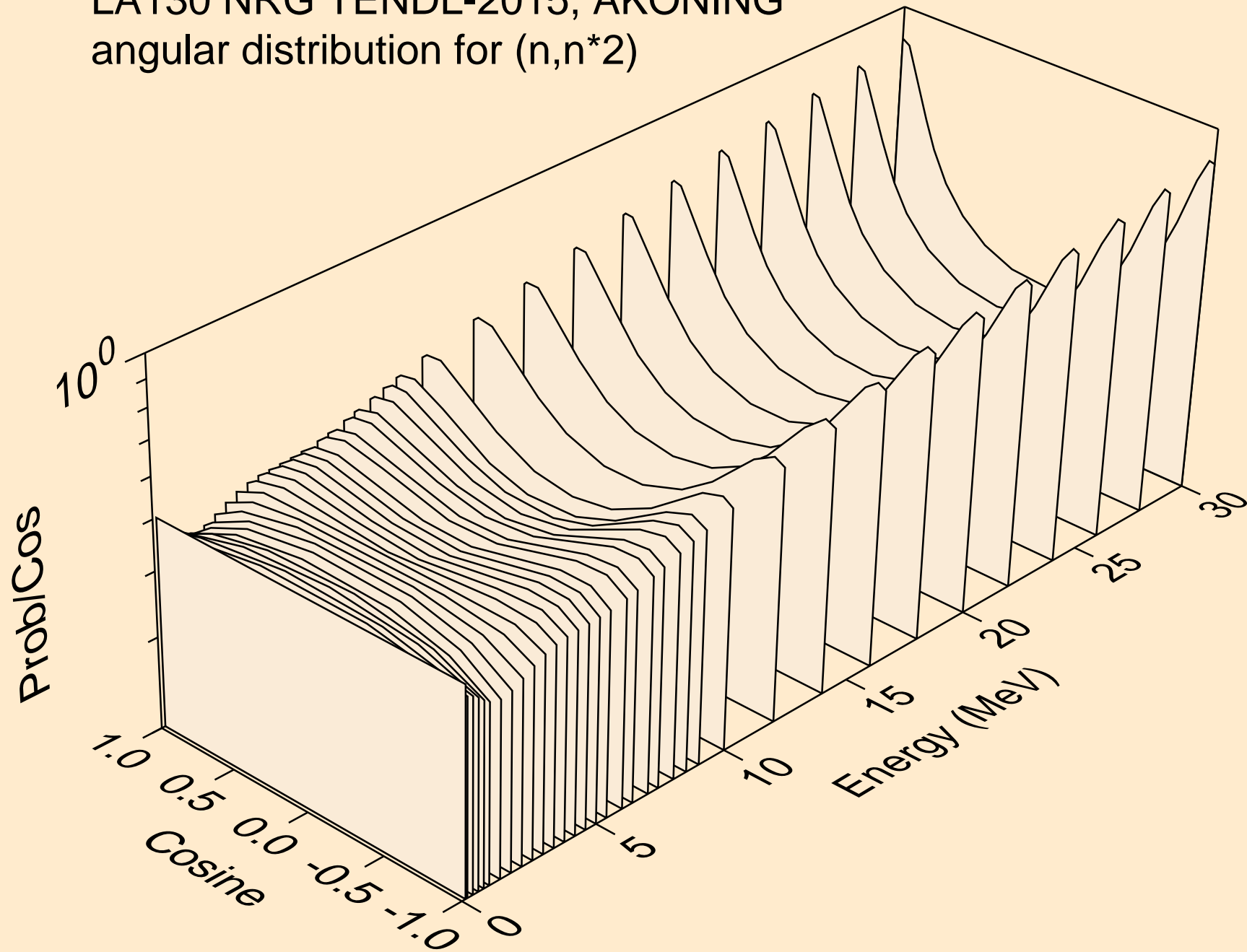
LA130 NRG TENDL-2015, AKONING  
angular distribution for elastic



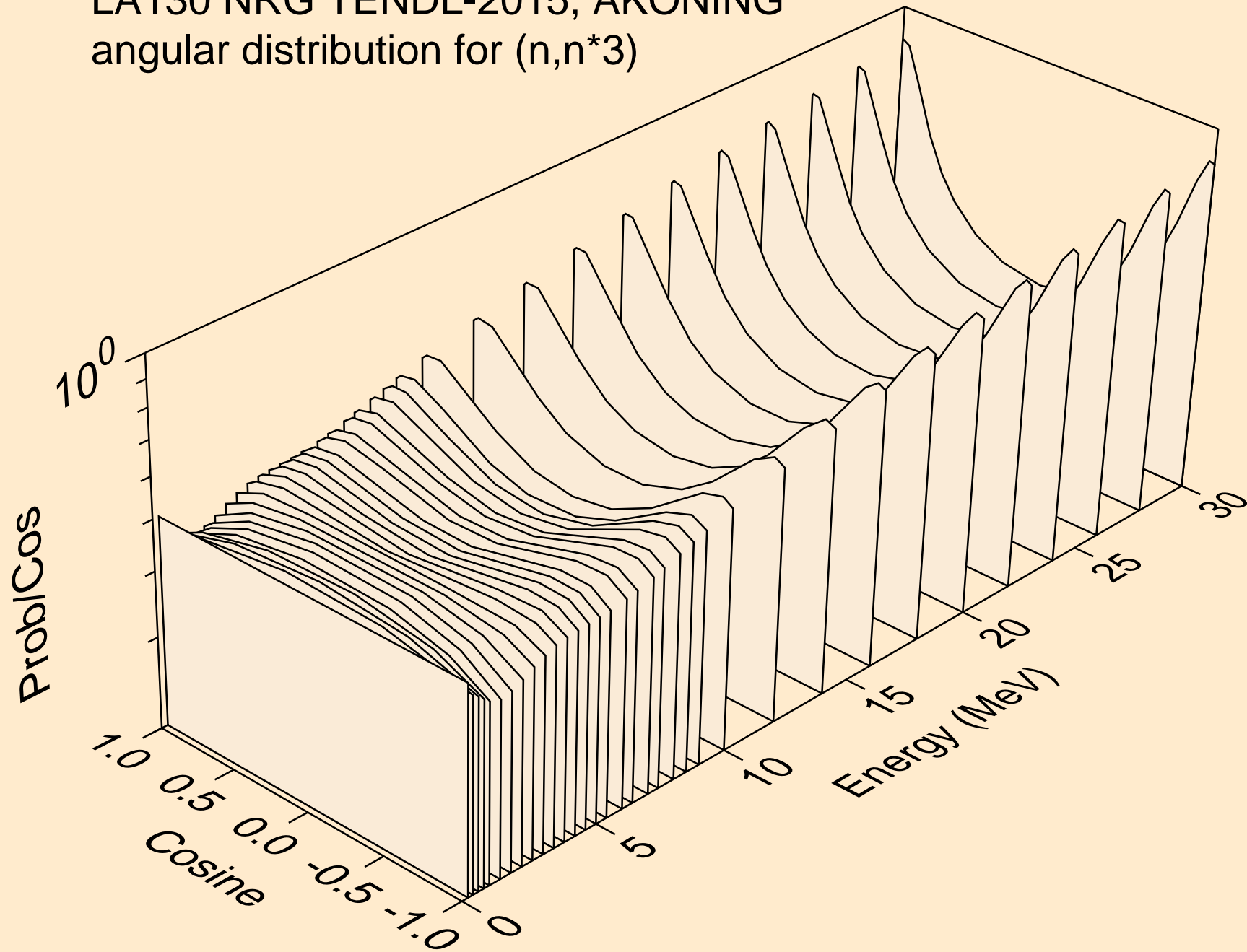
LA130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



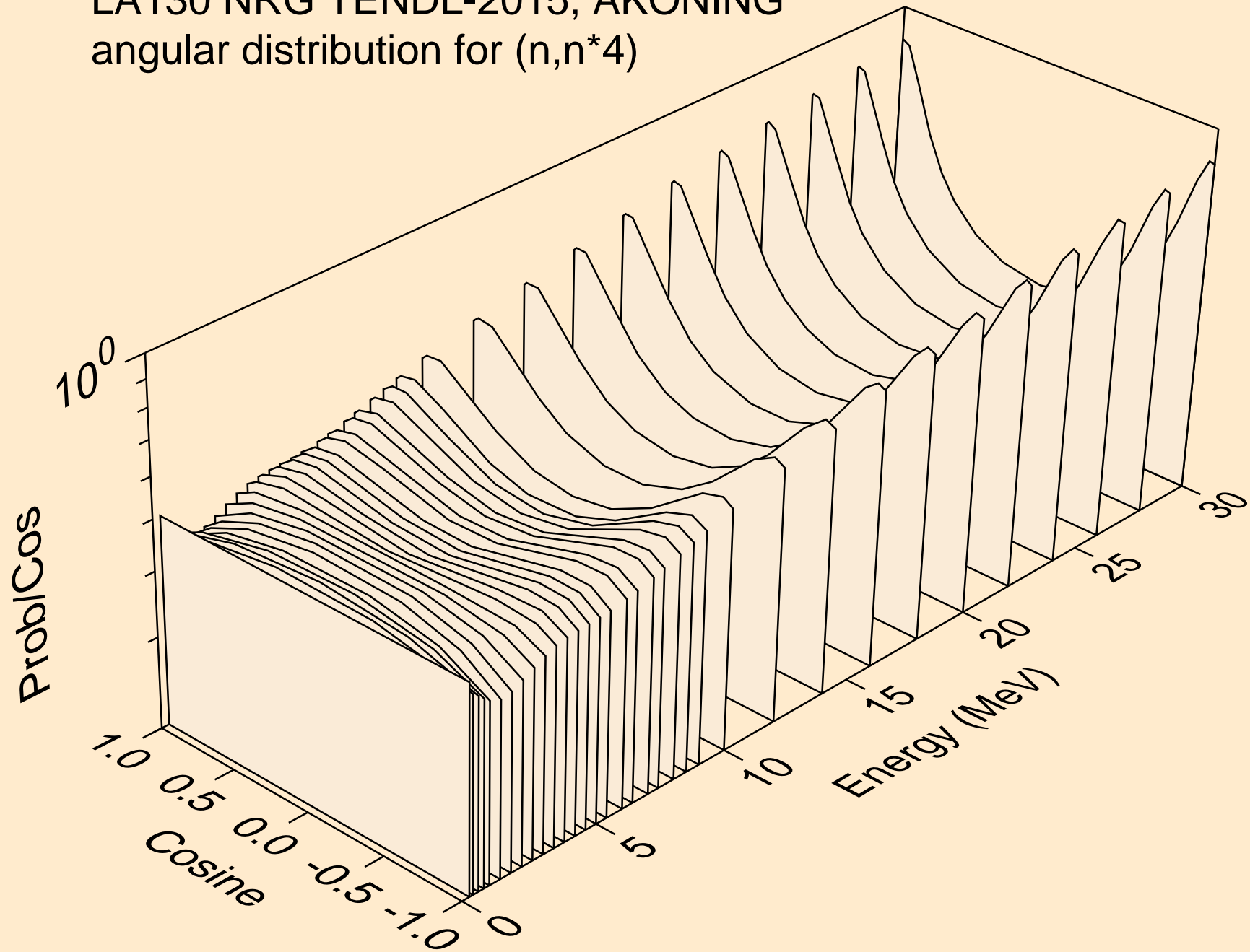
LA130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



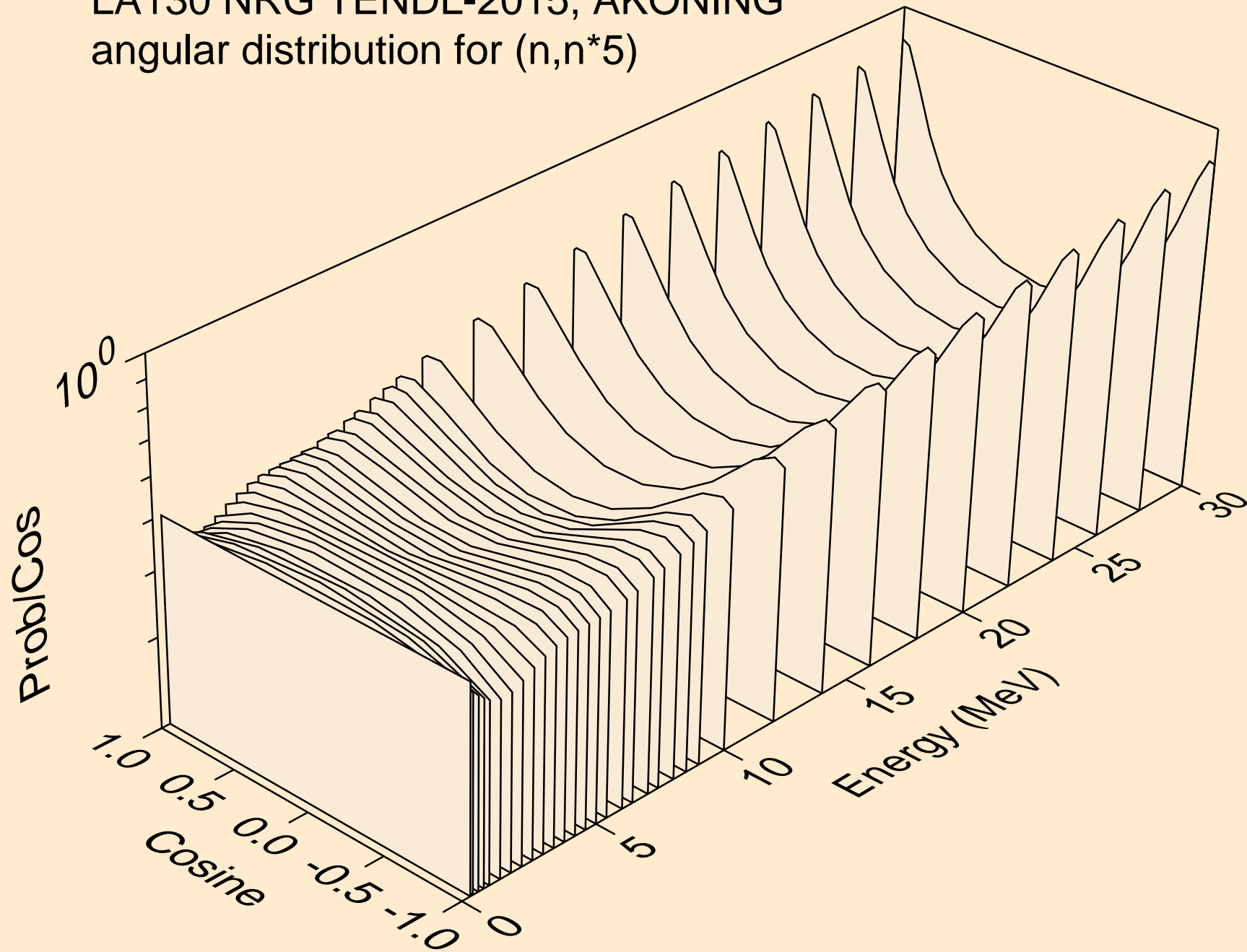
LA130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



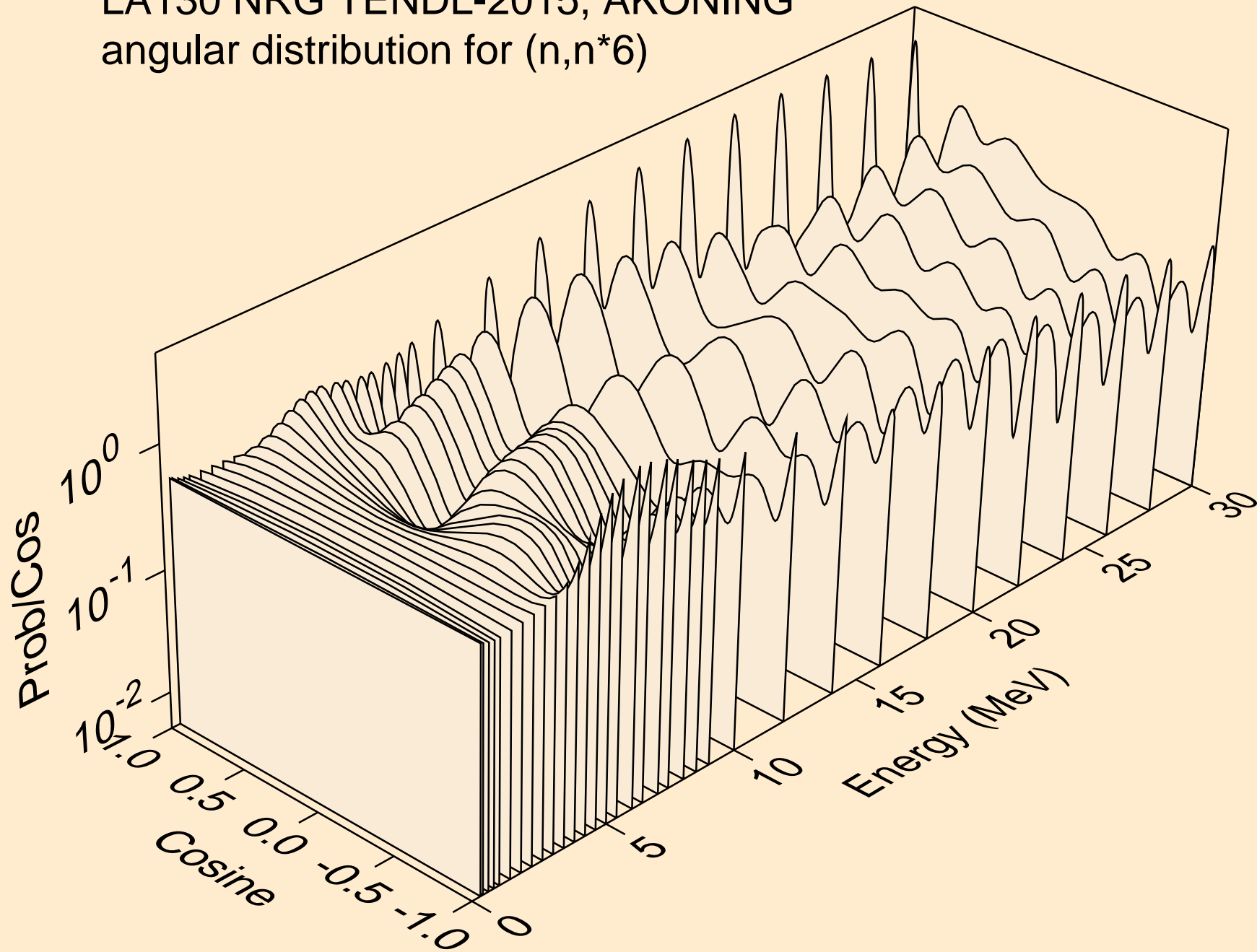
LA130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



LA130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

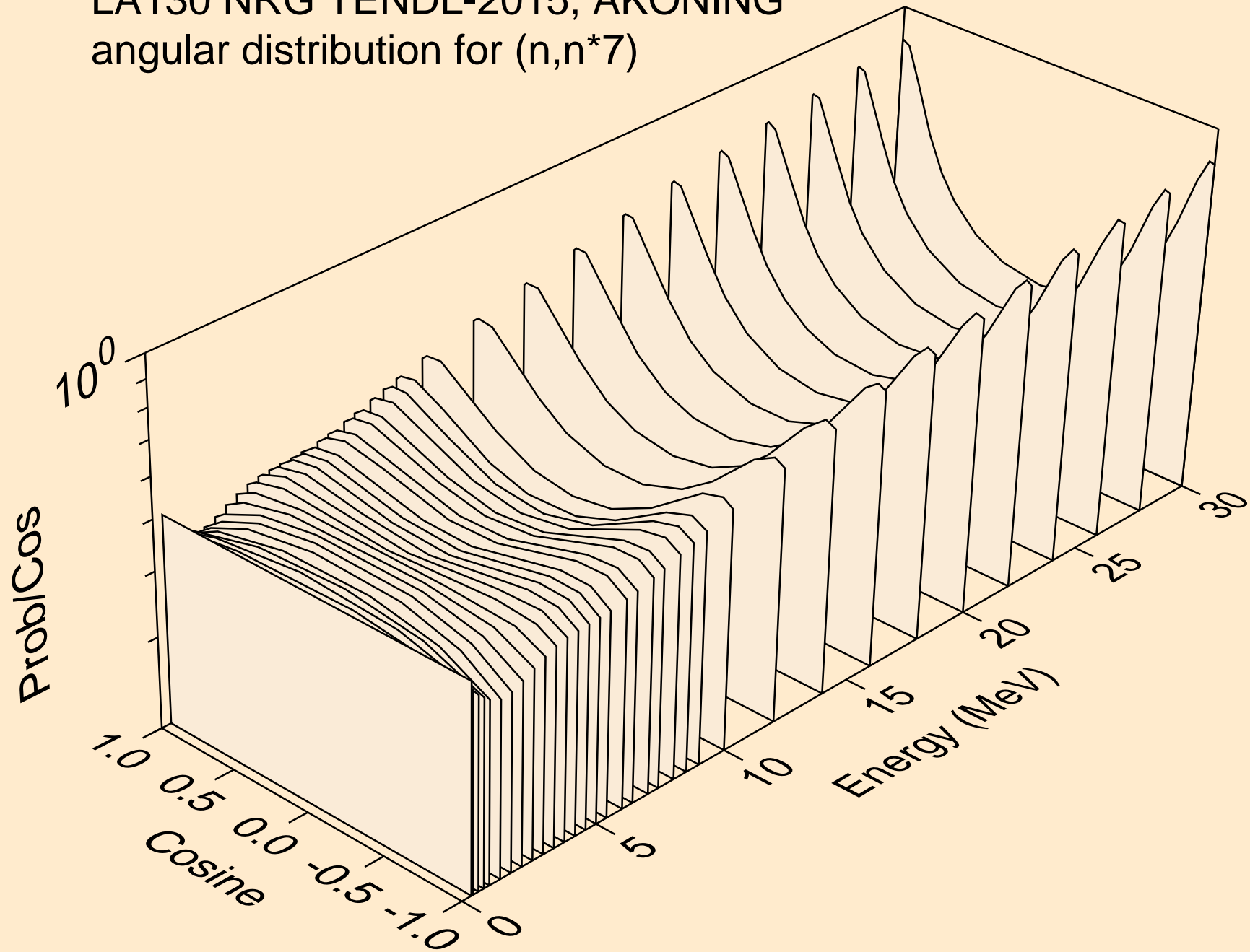


LA130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

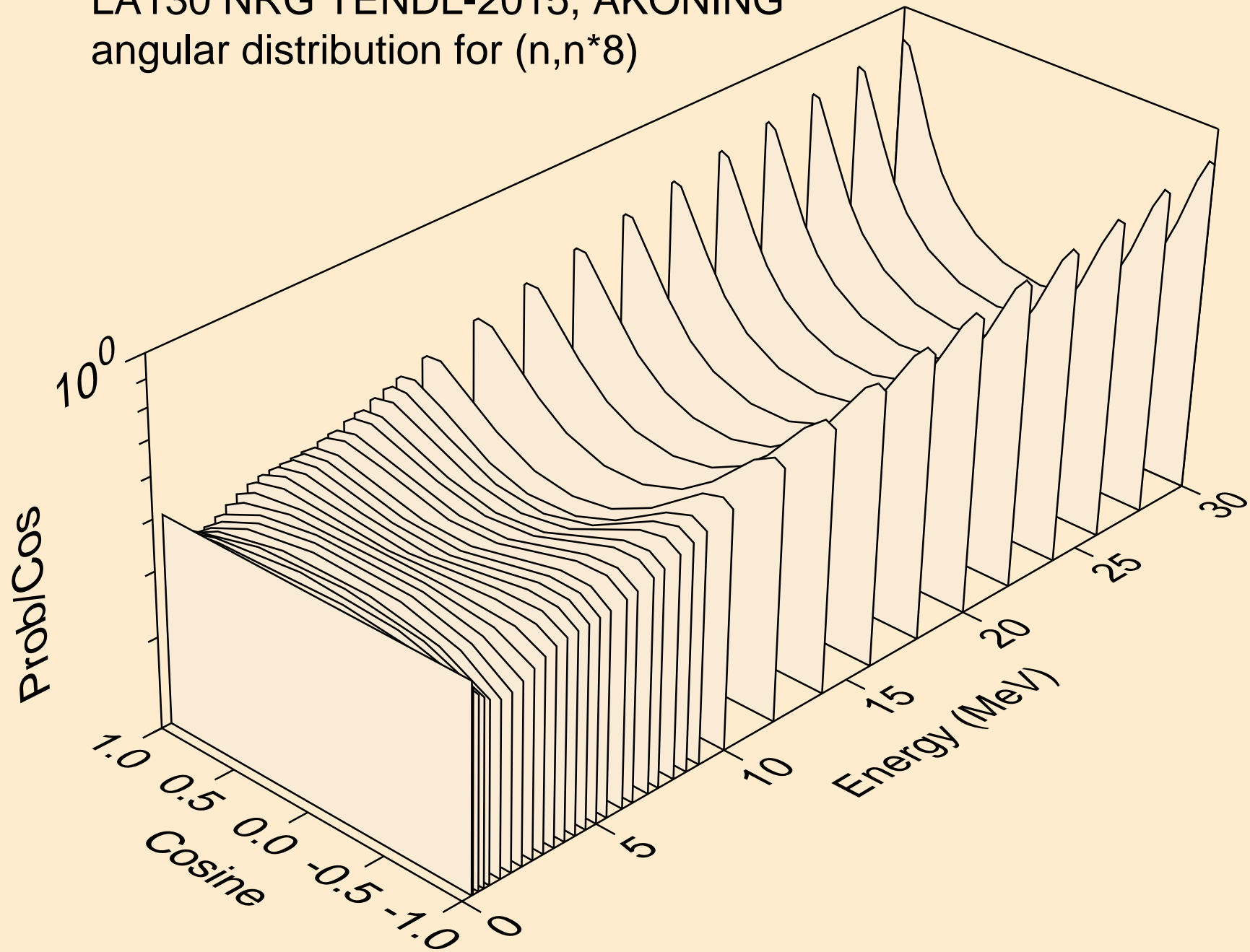




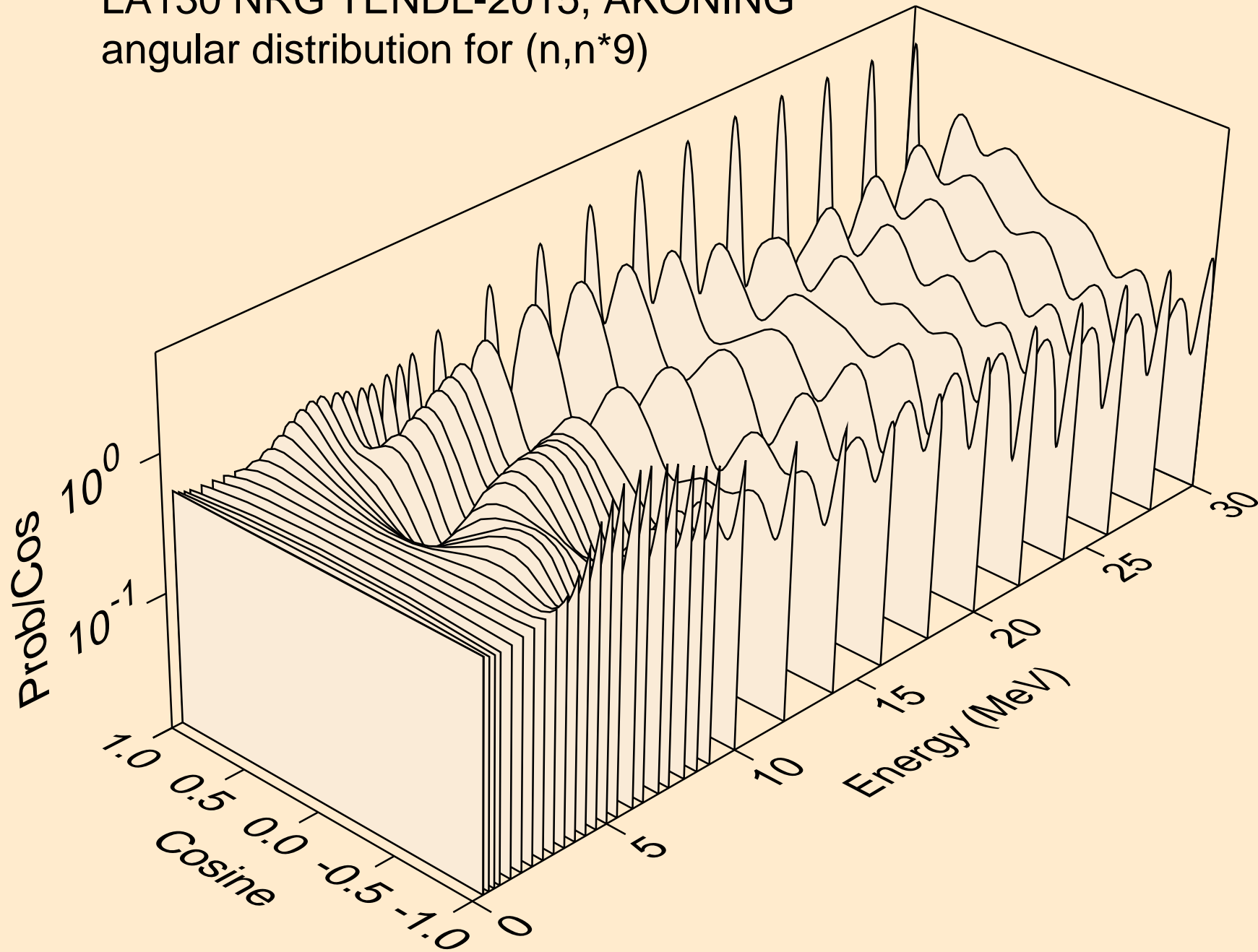
LA130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



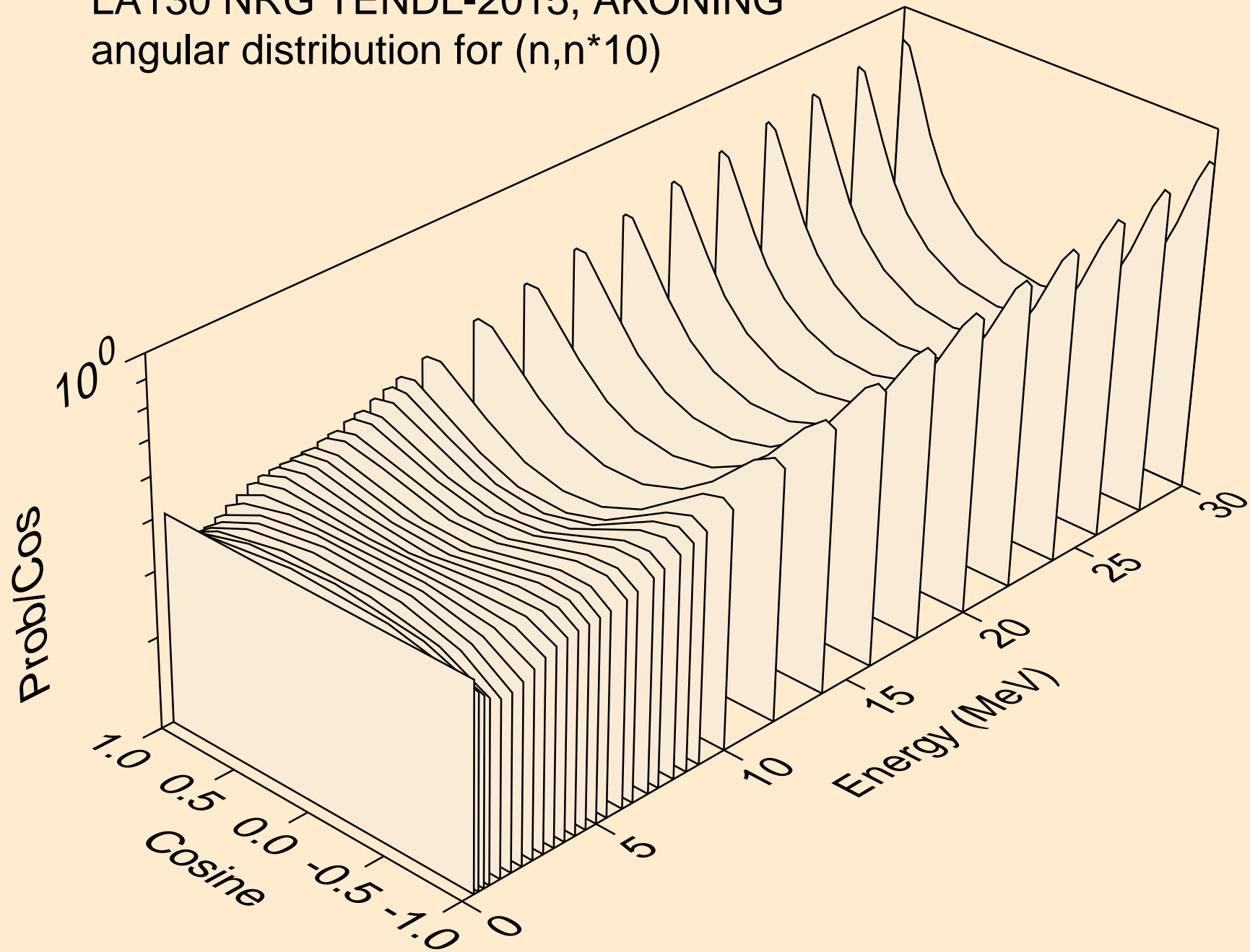
LA130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



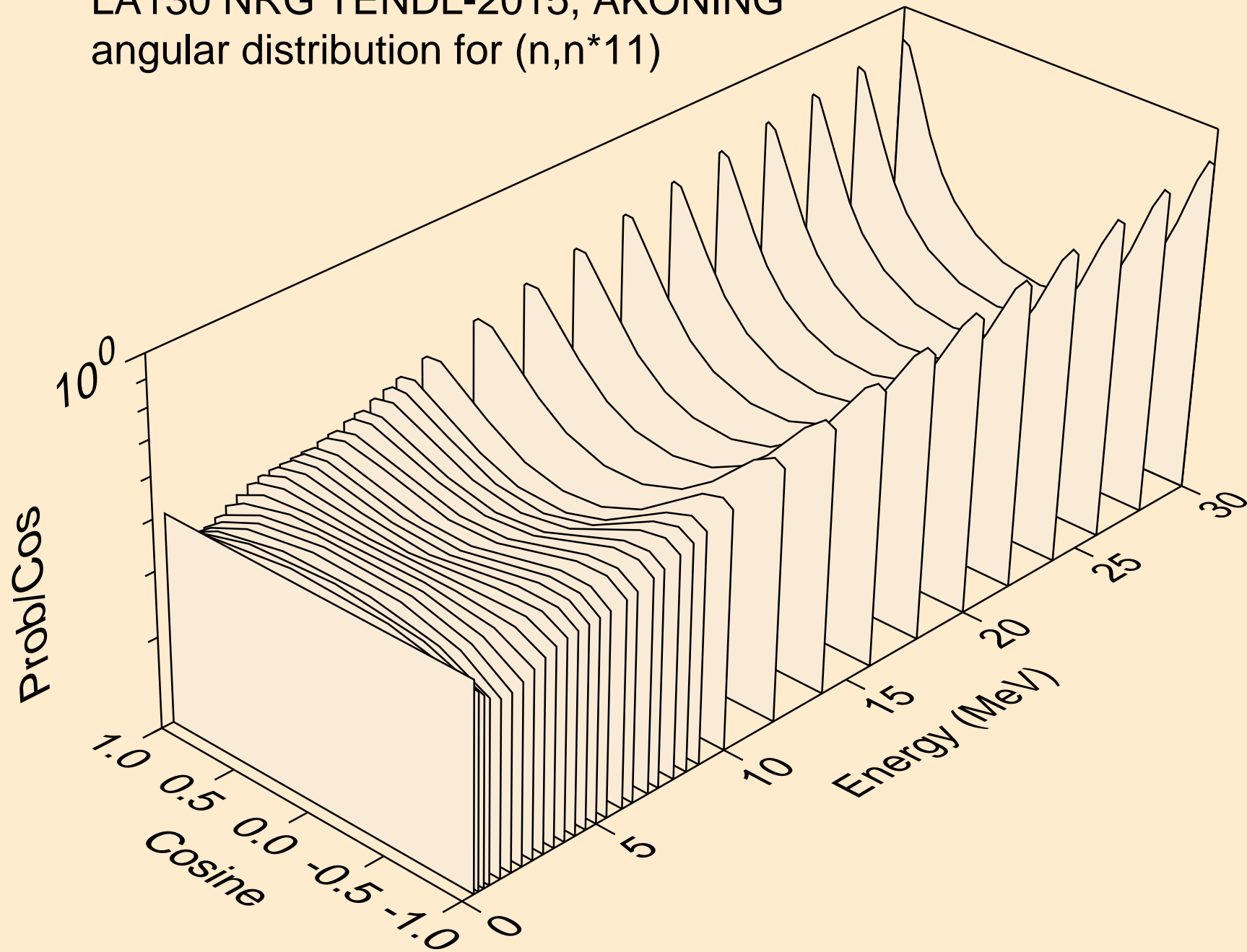
LA130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



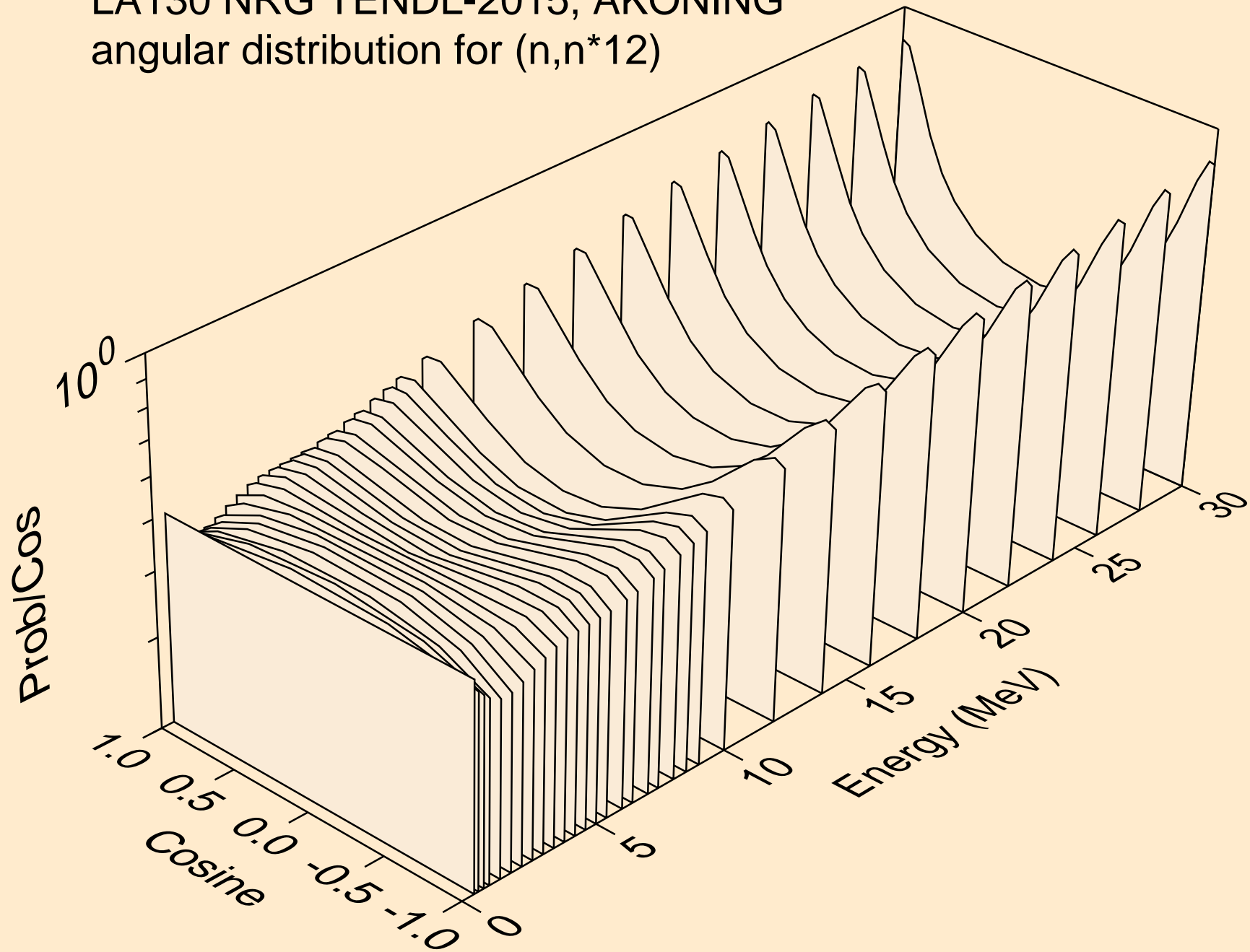
LA130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



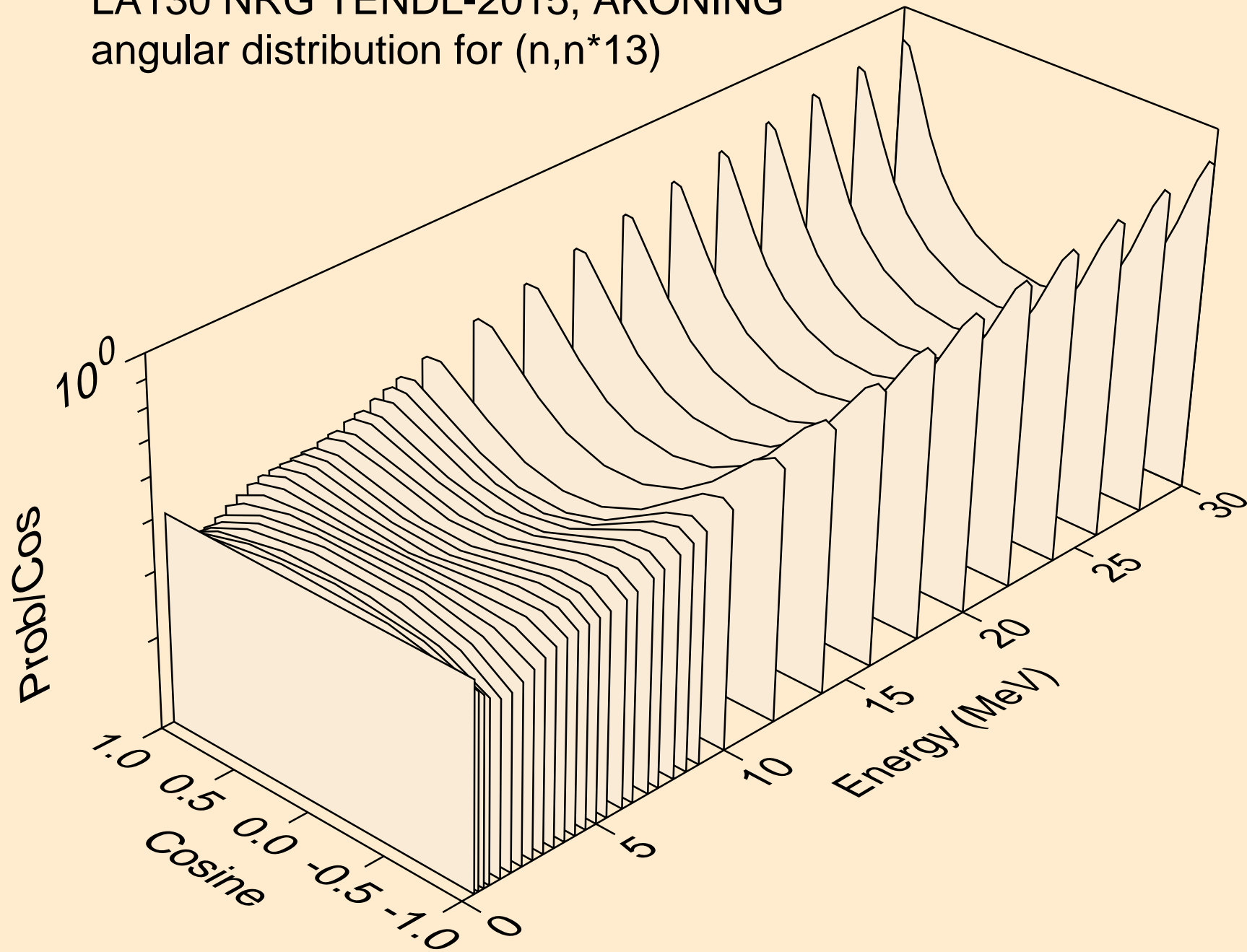
LA130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



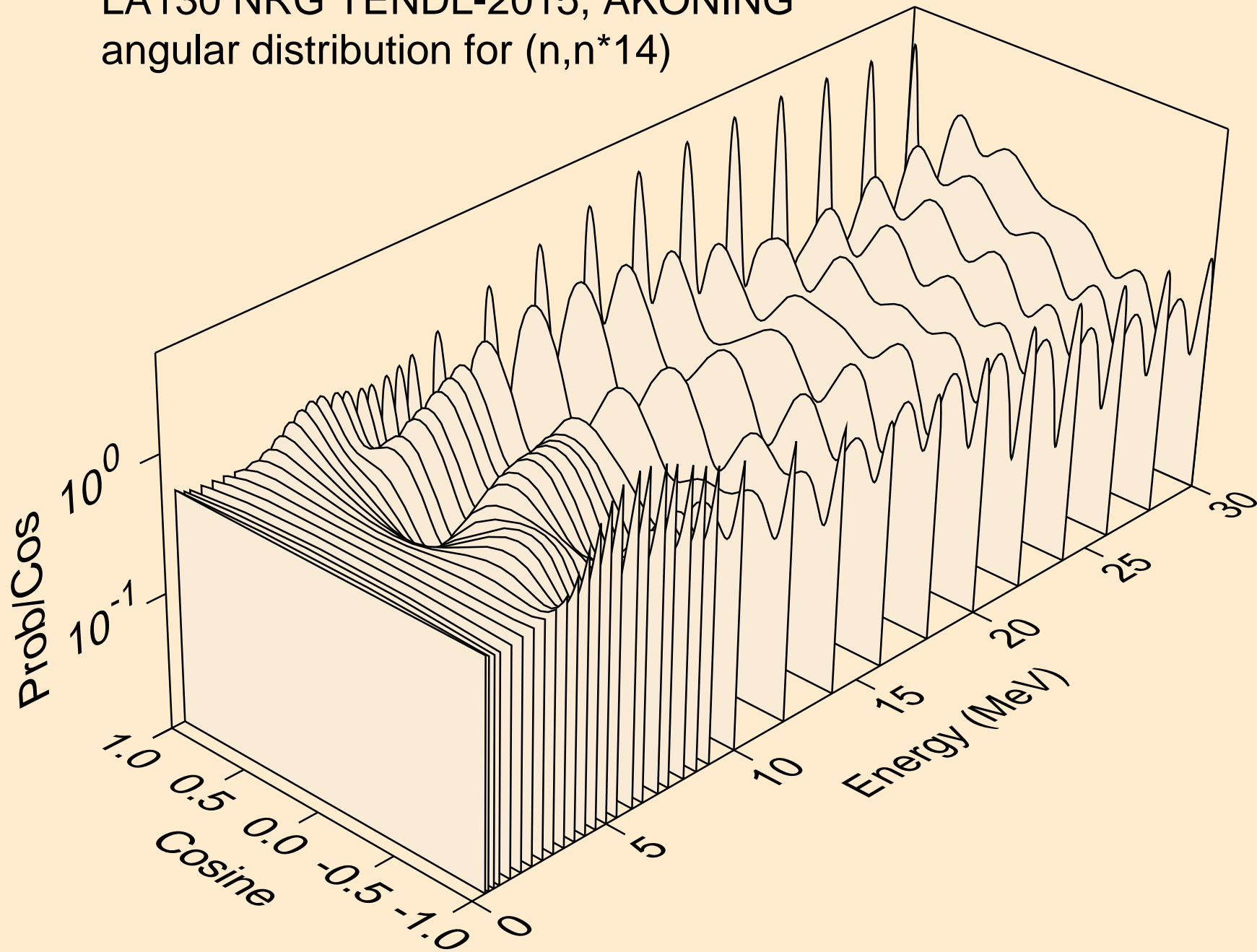
LA130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



LA130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

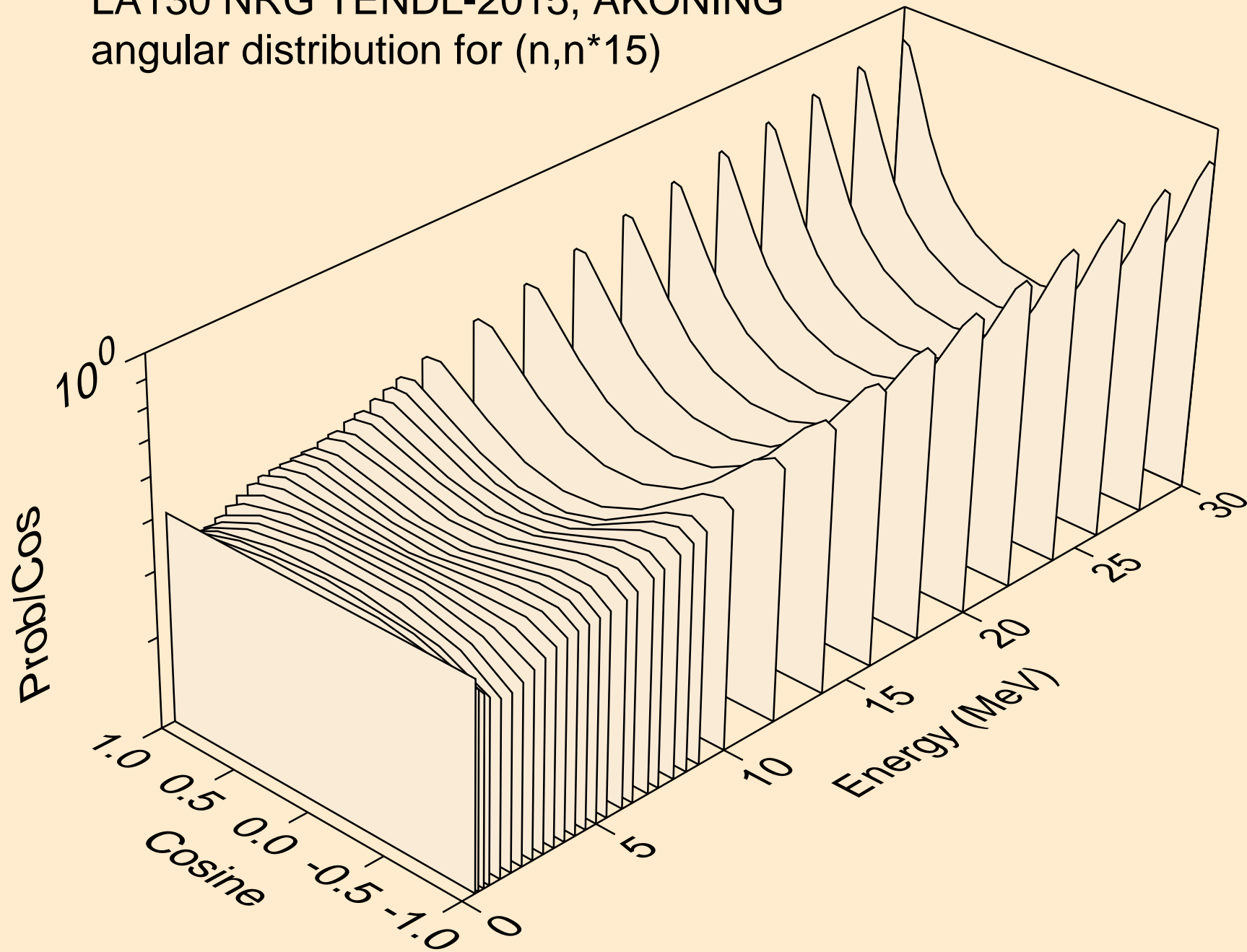


LA130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

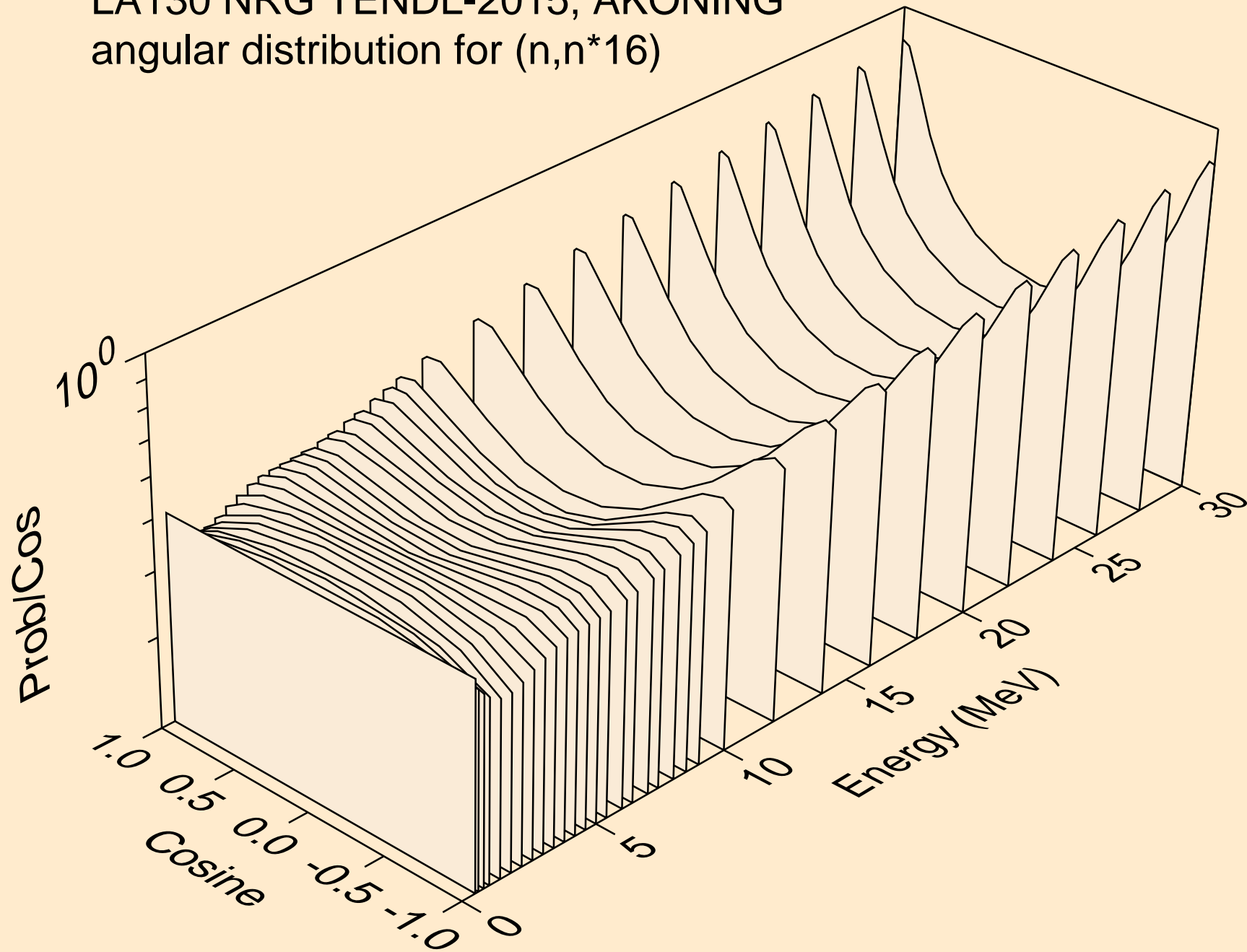




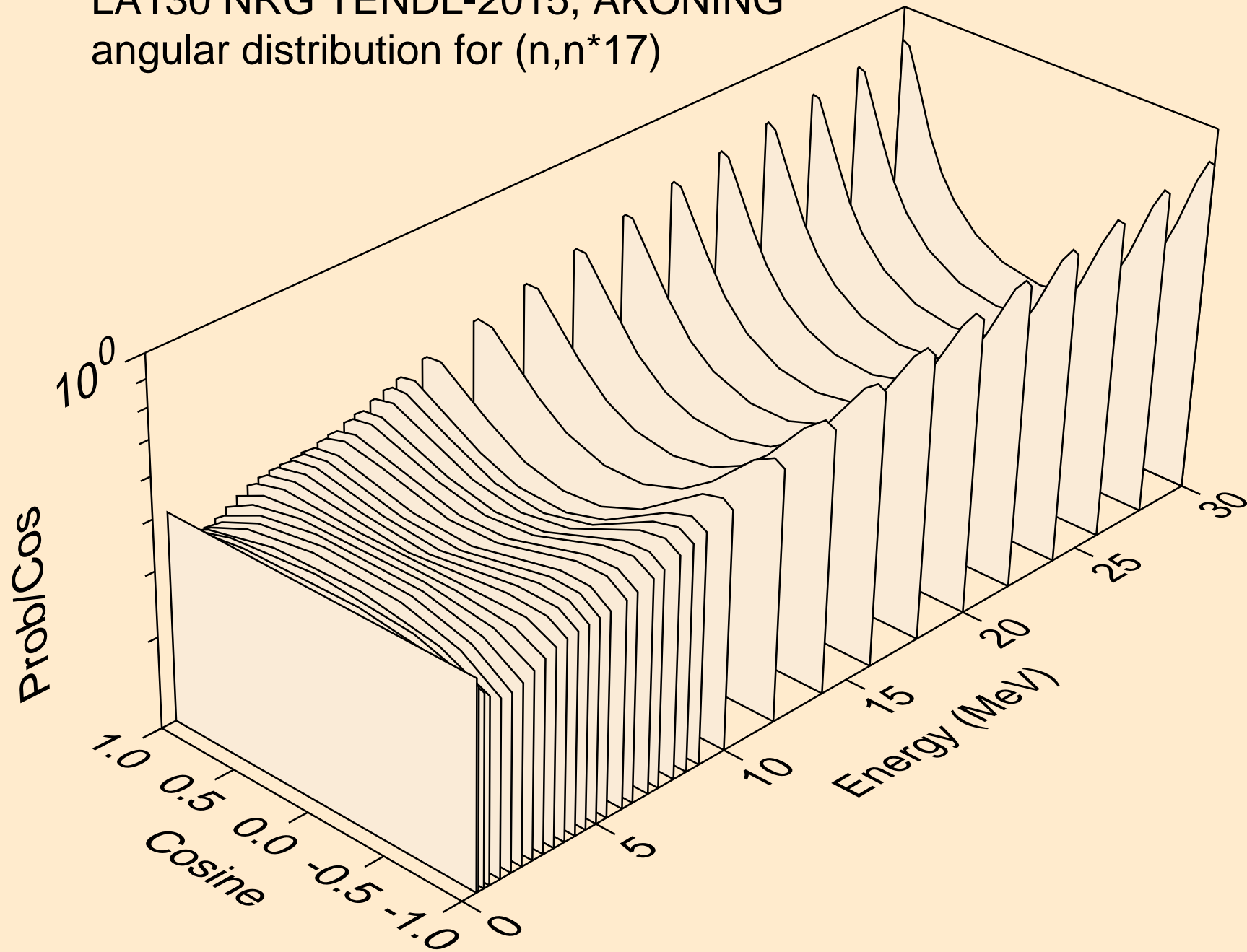
LA130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



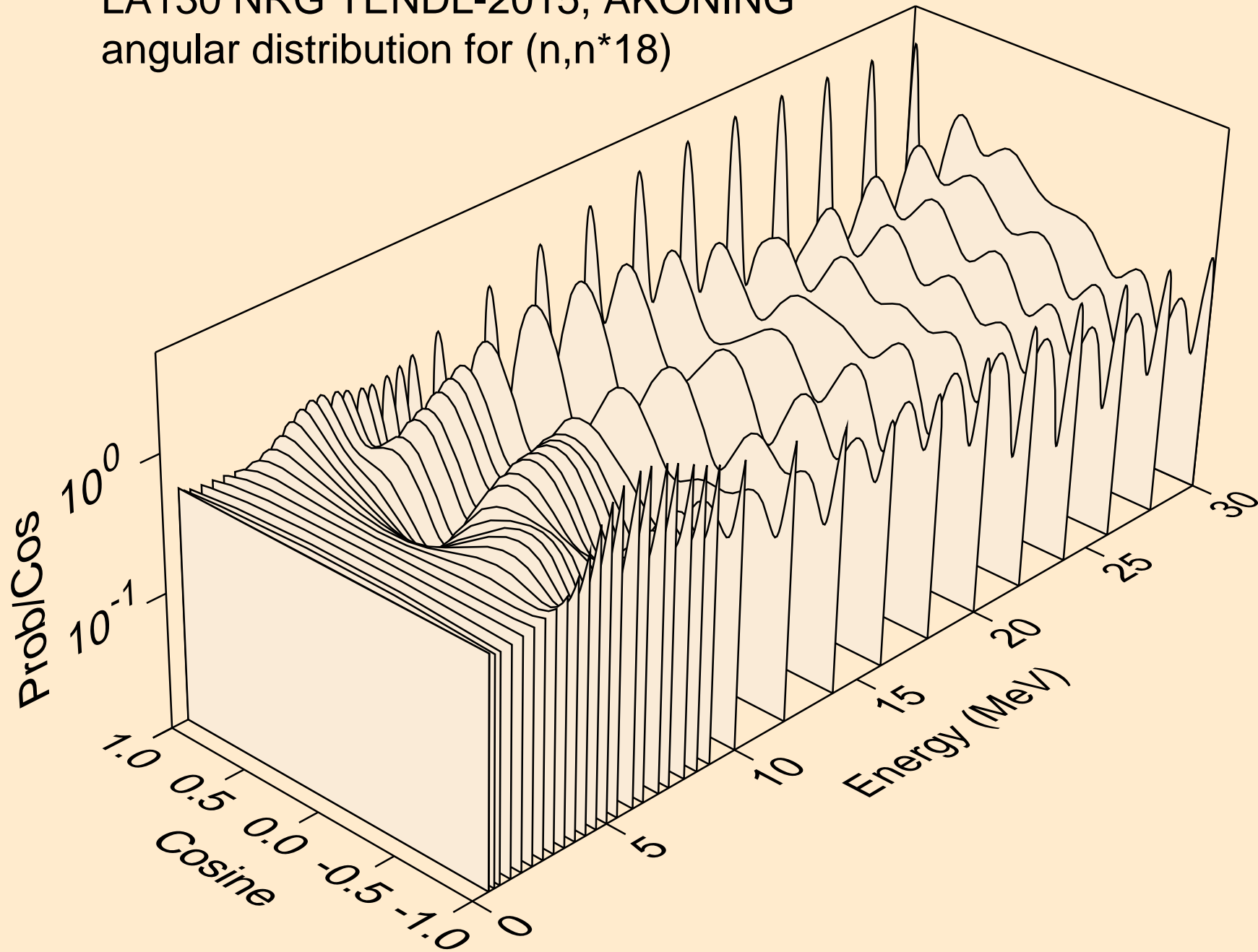
LA130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



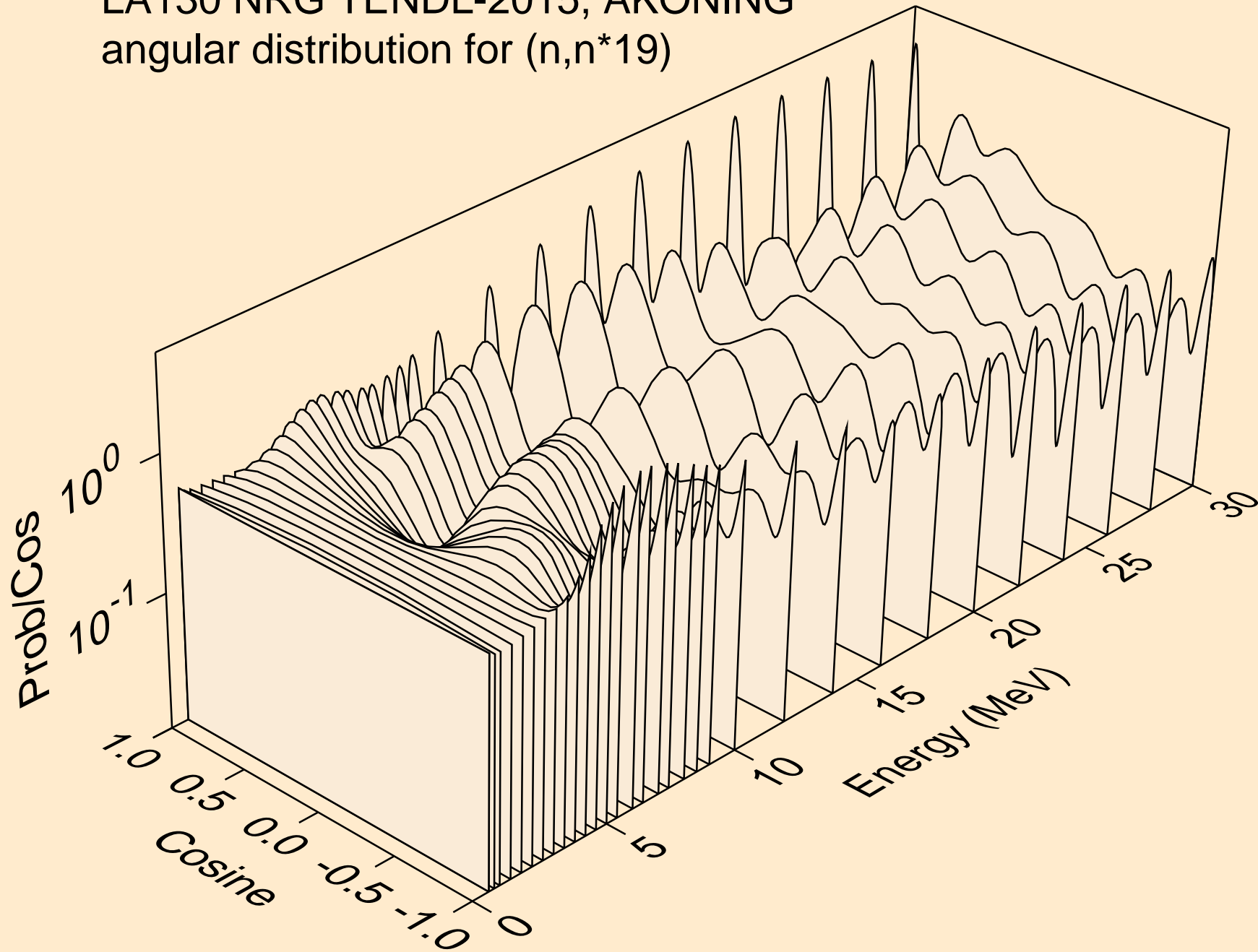
LA130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



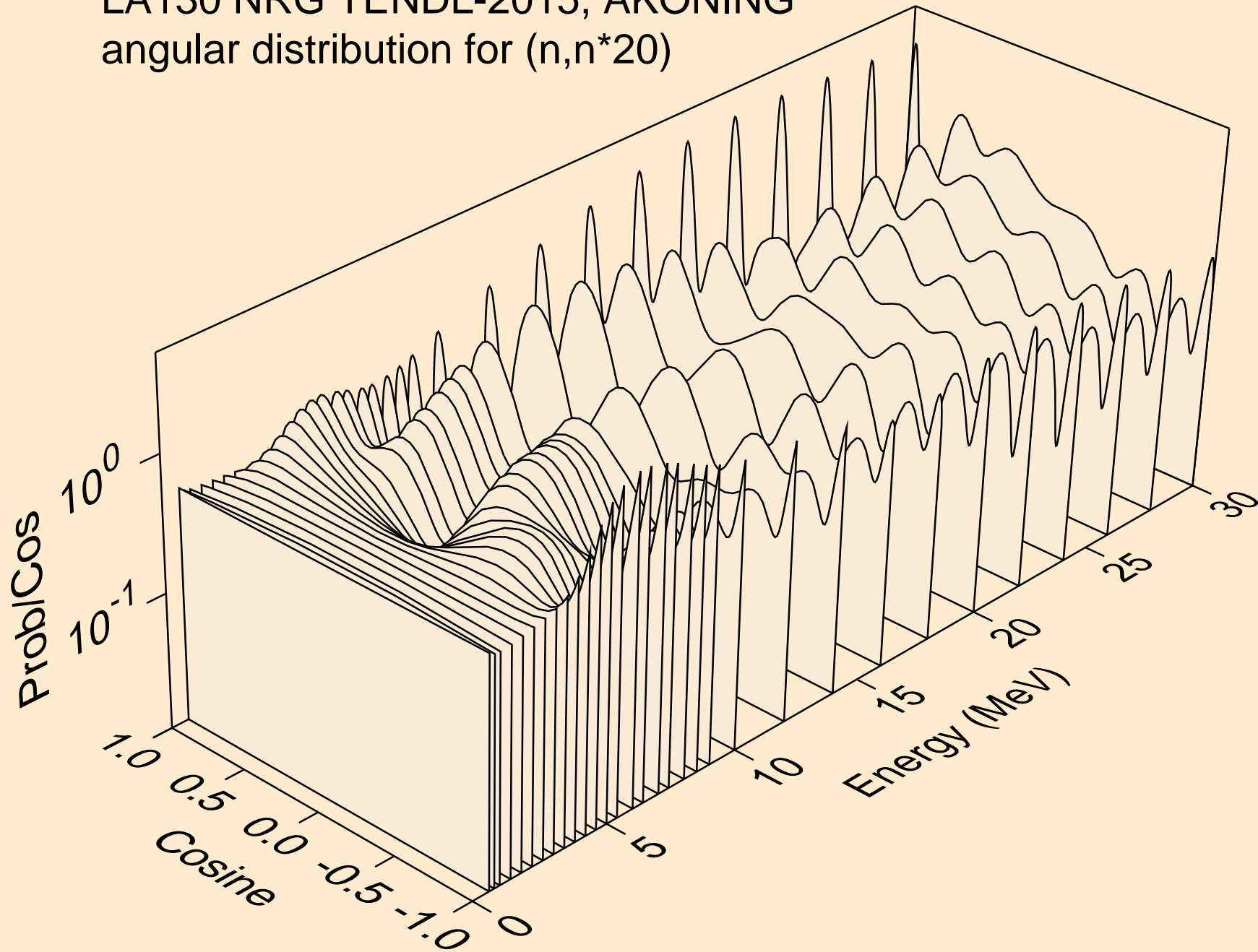
LA130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



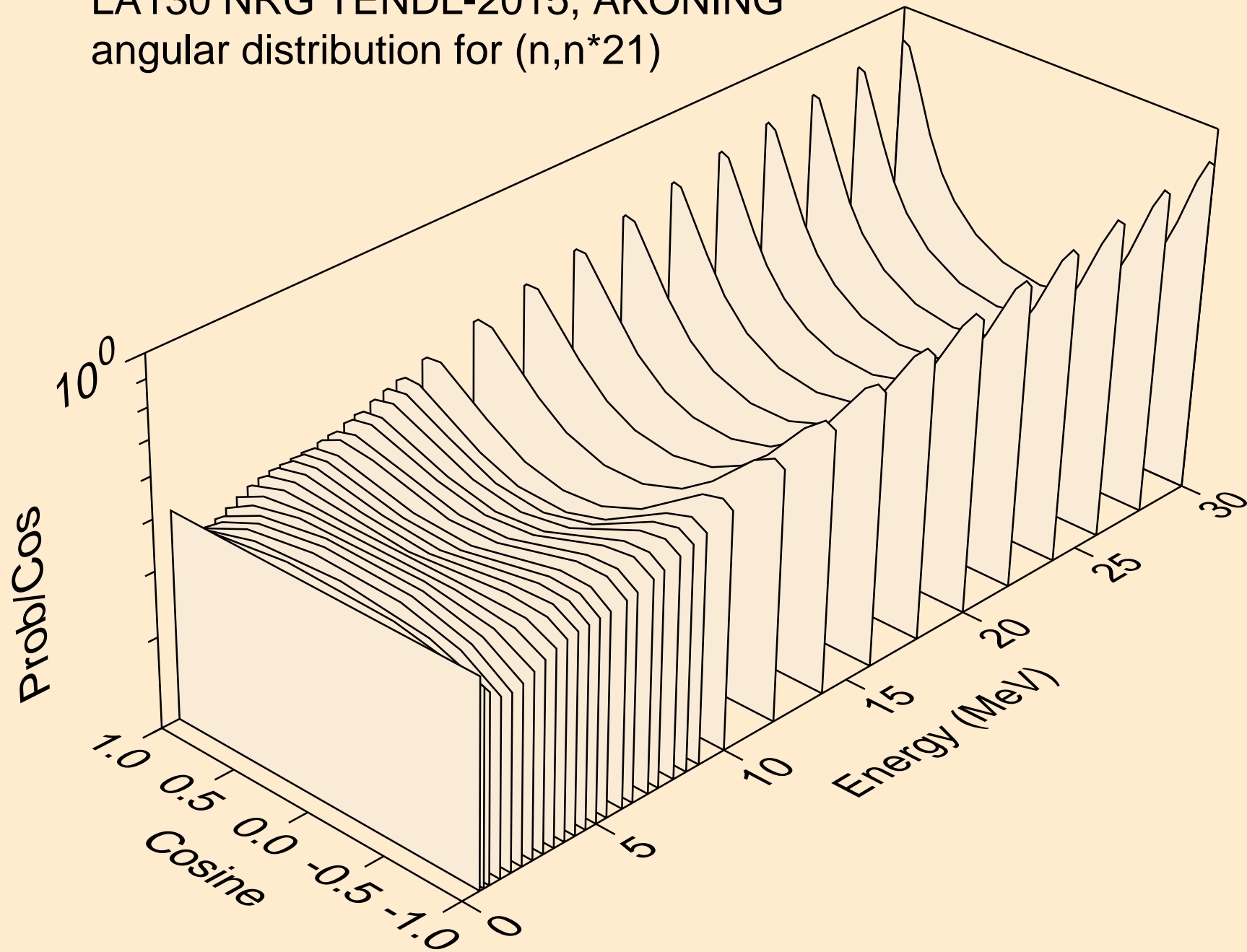
LA130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



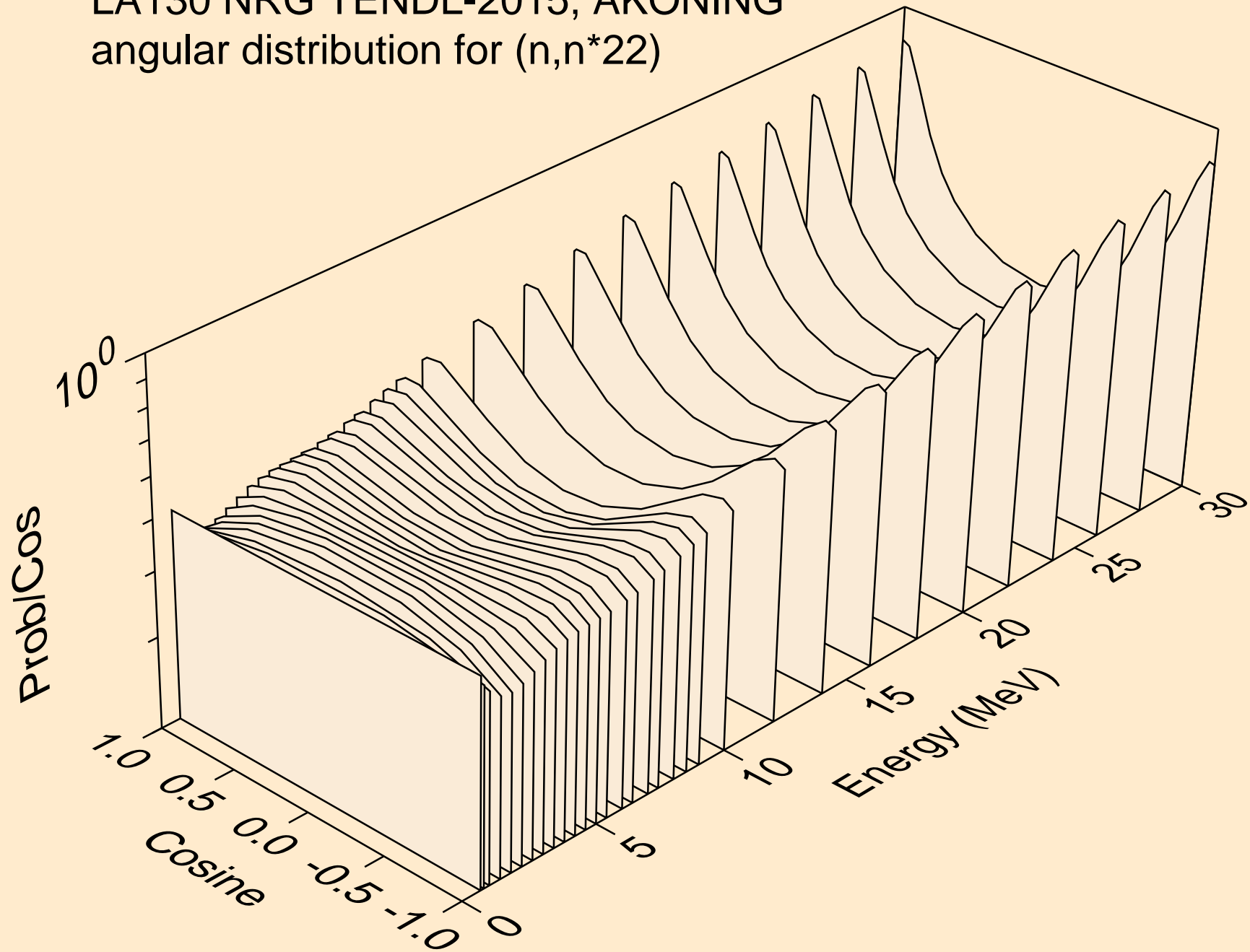
LA130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



LA130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

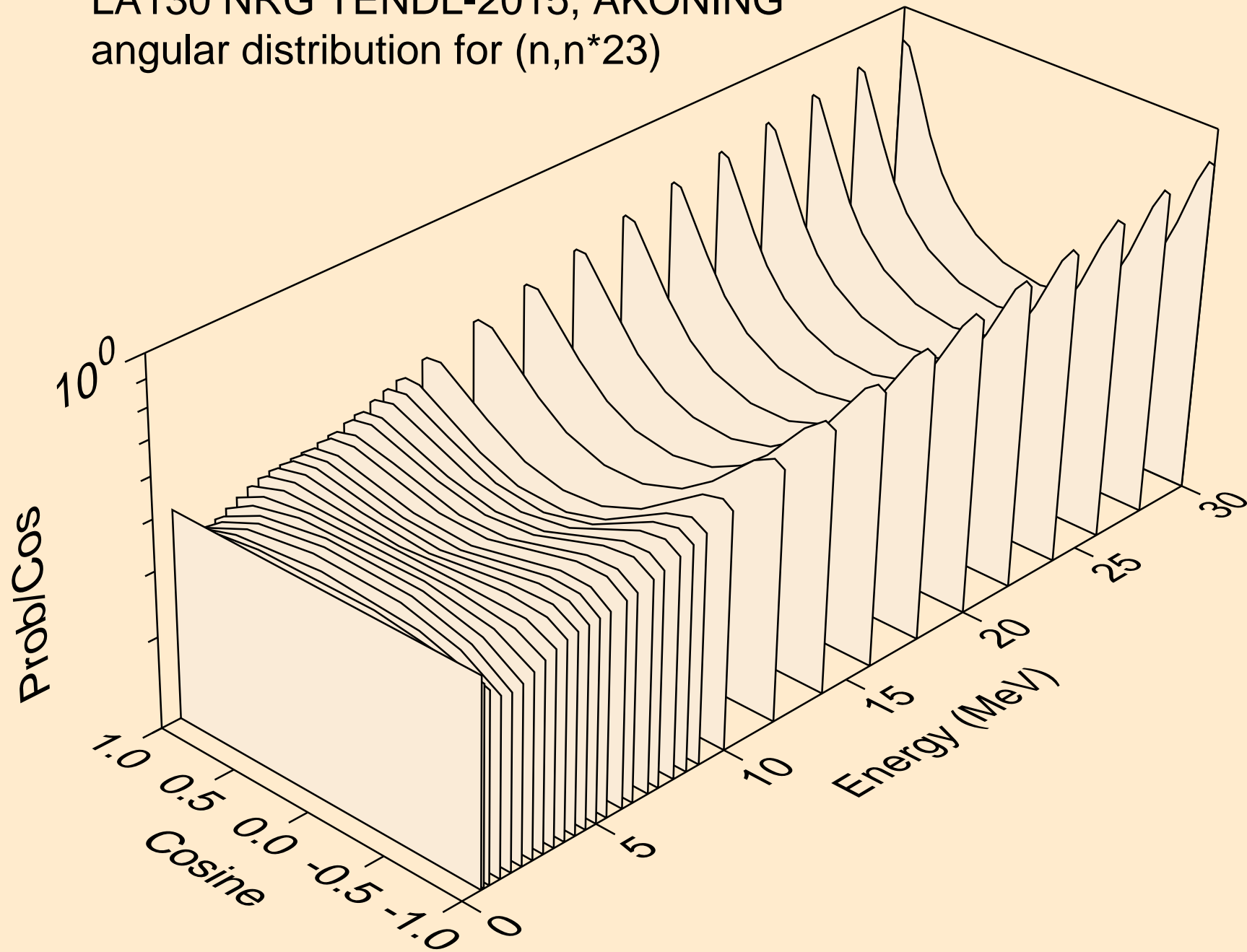


LA130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

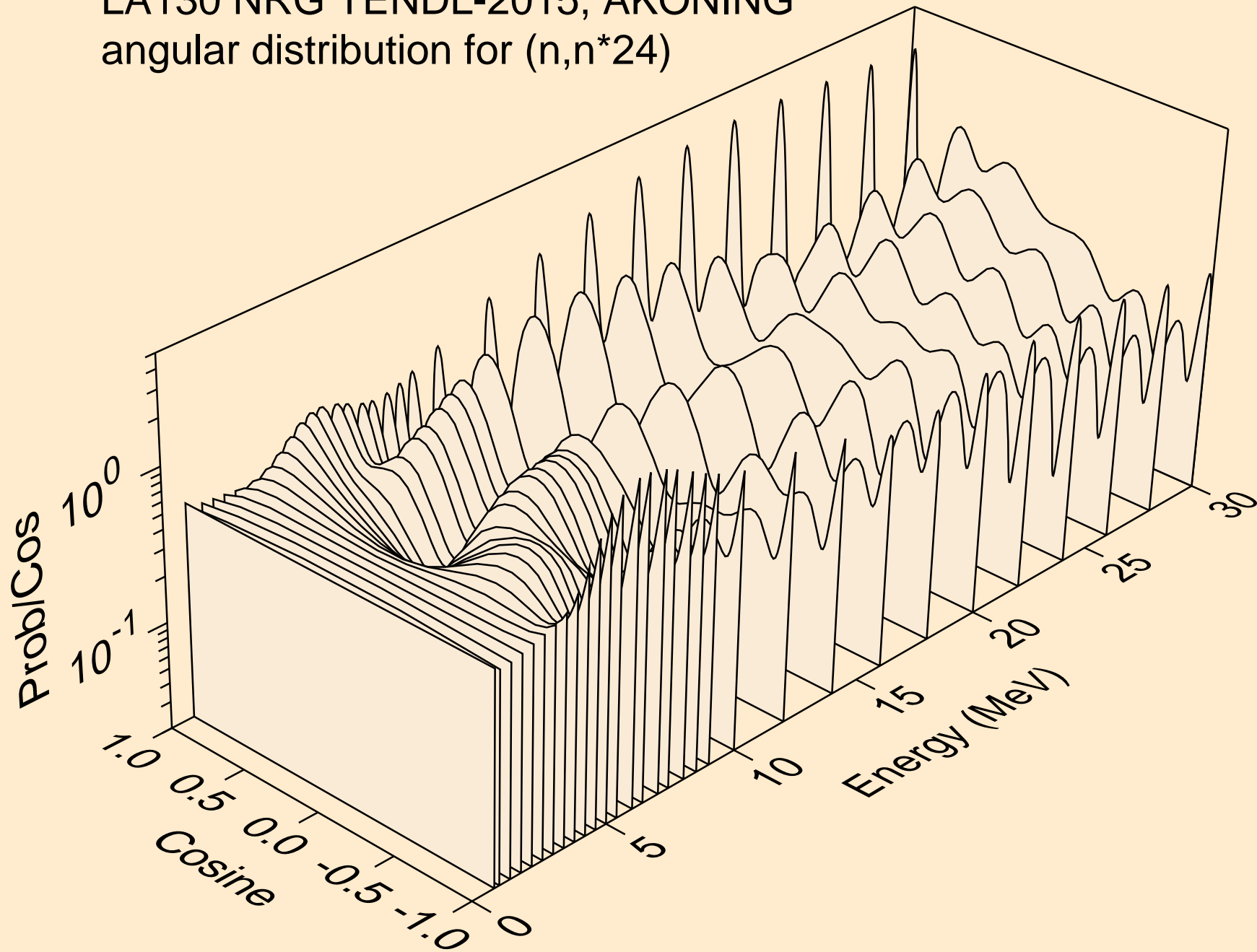




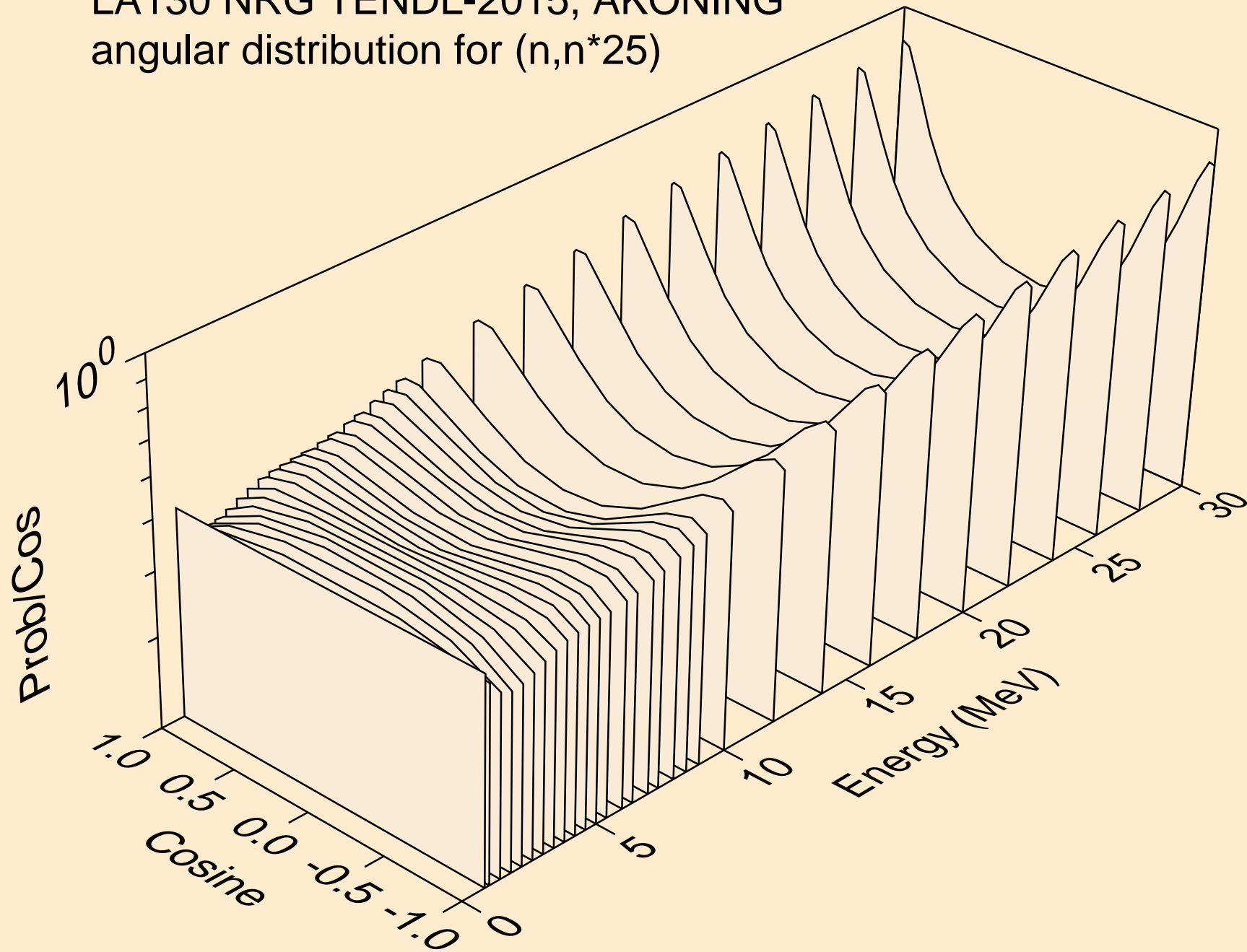
LA130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



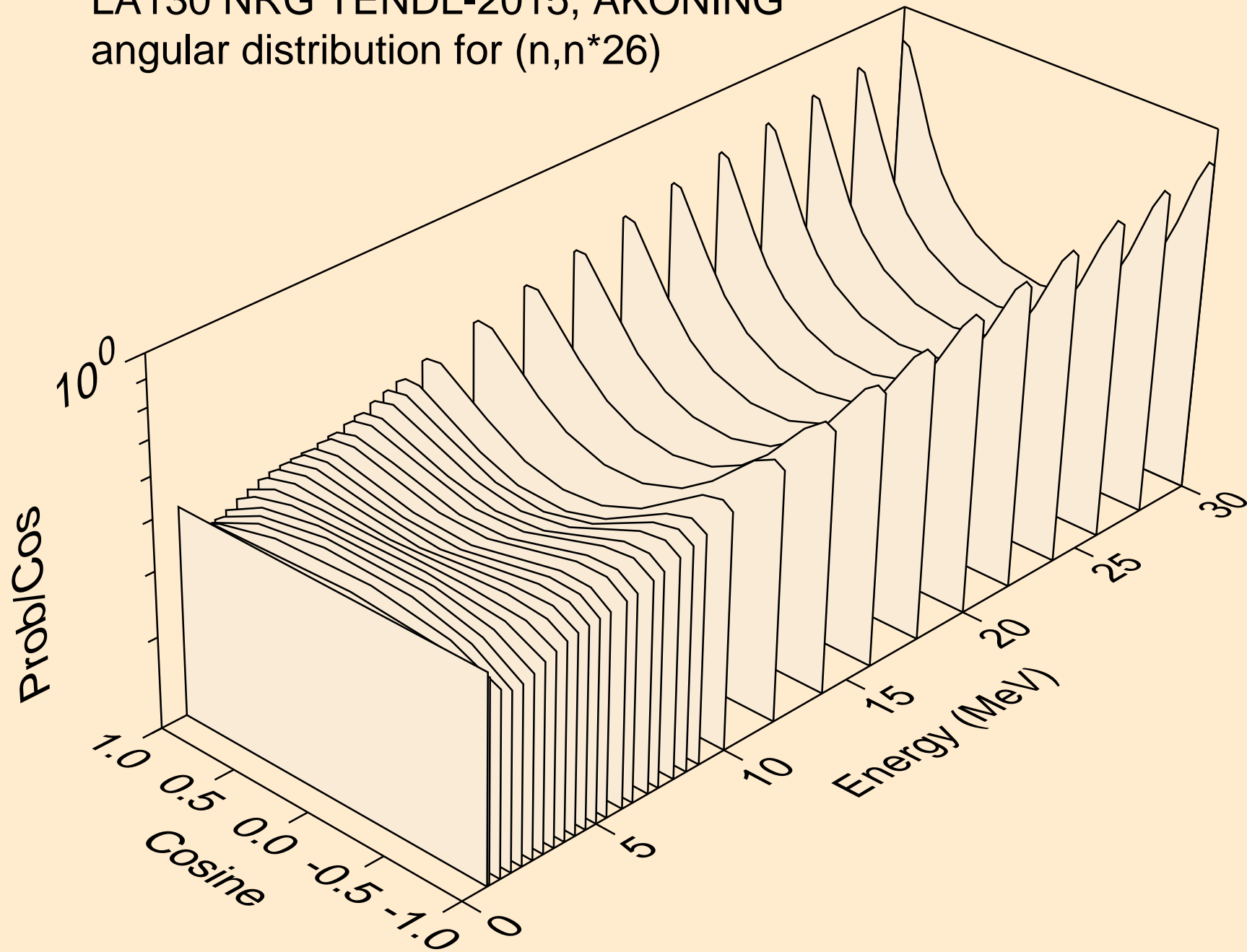
LA130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



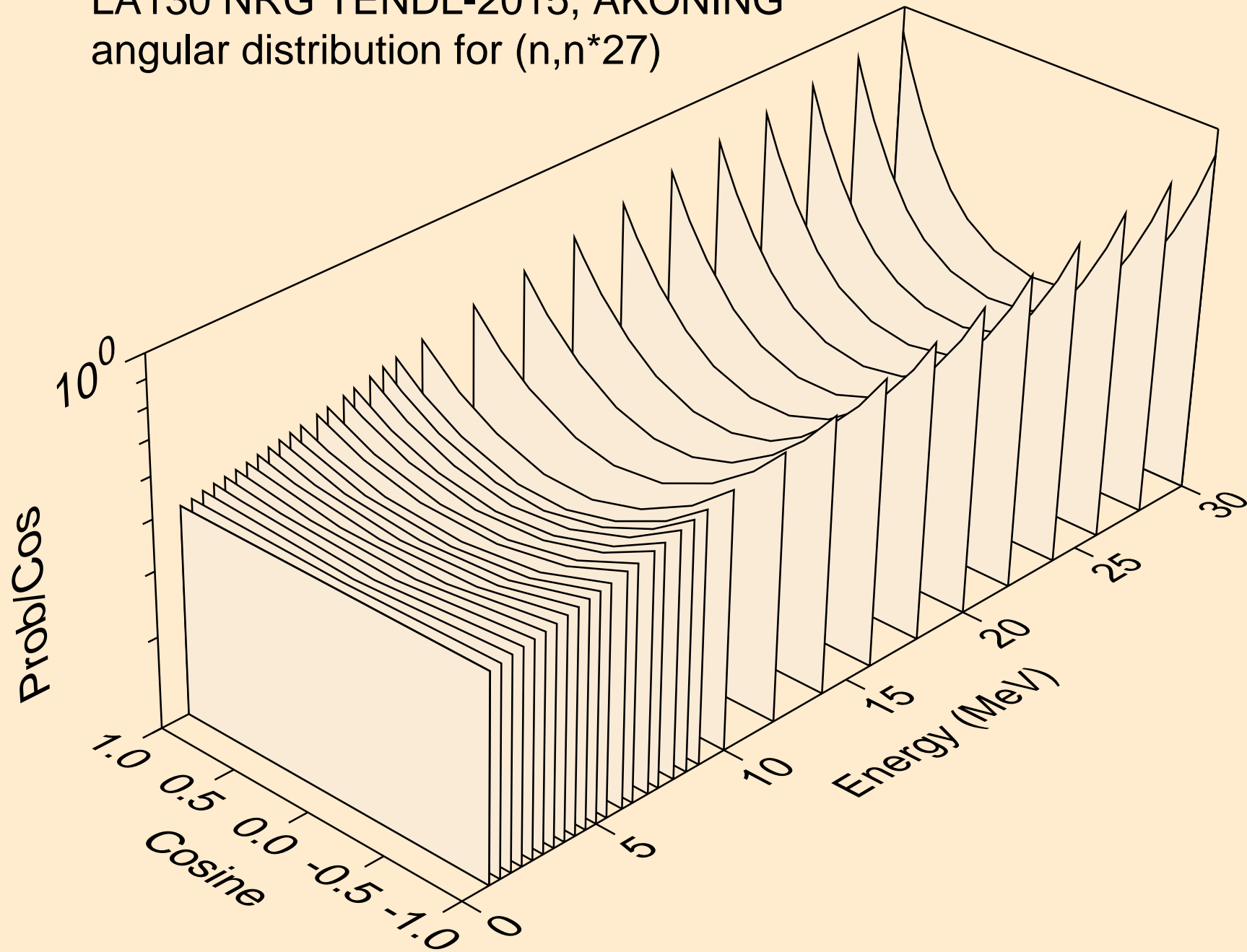
LA130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



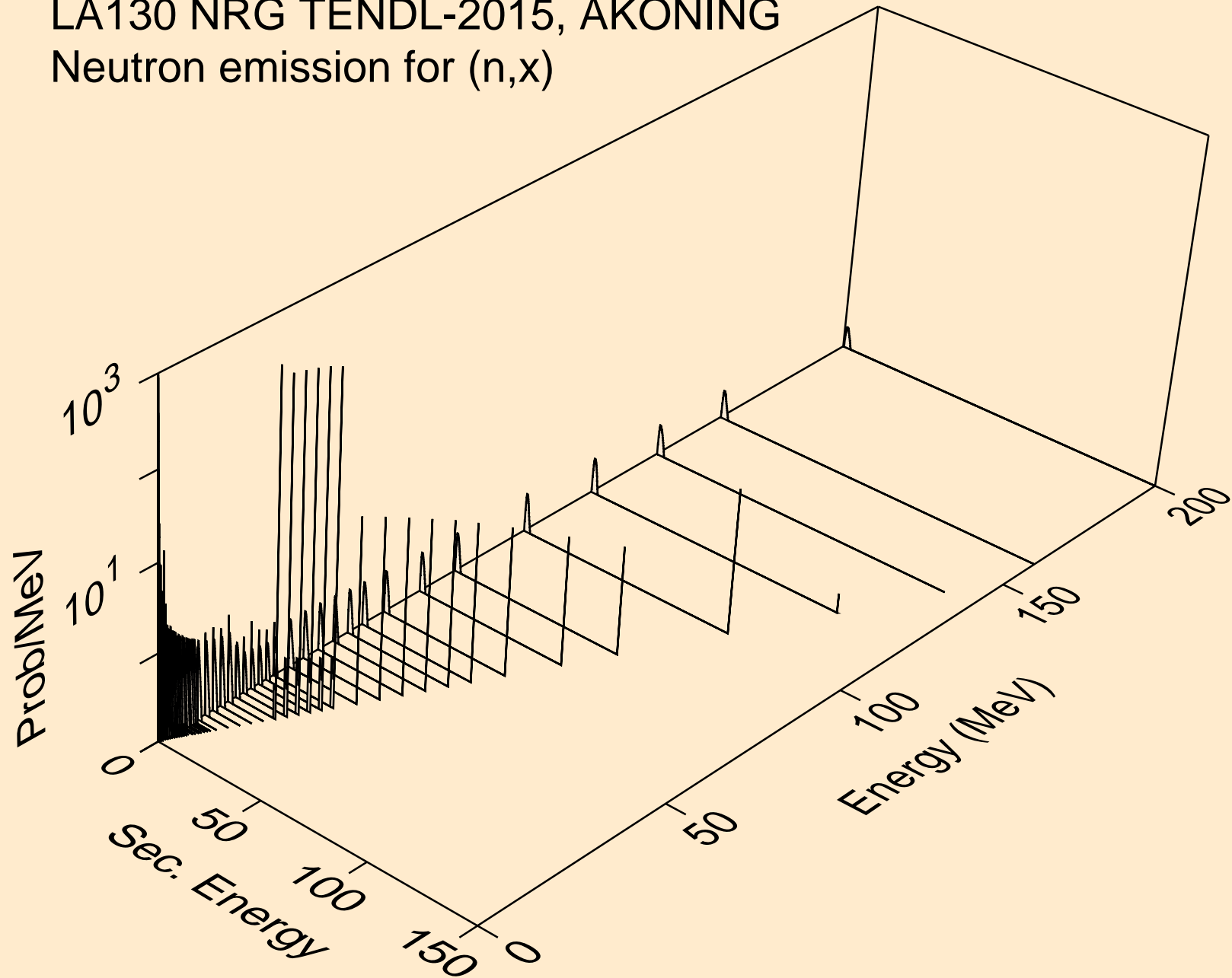
LA130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



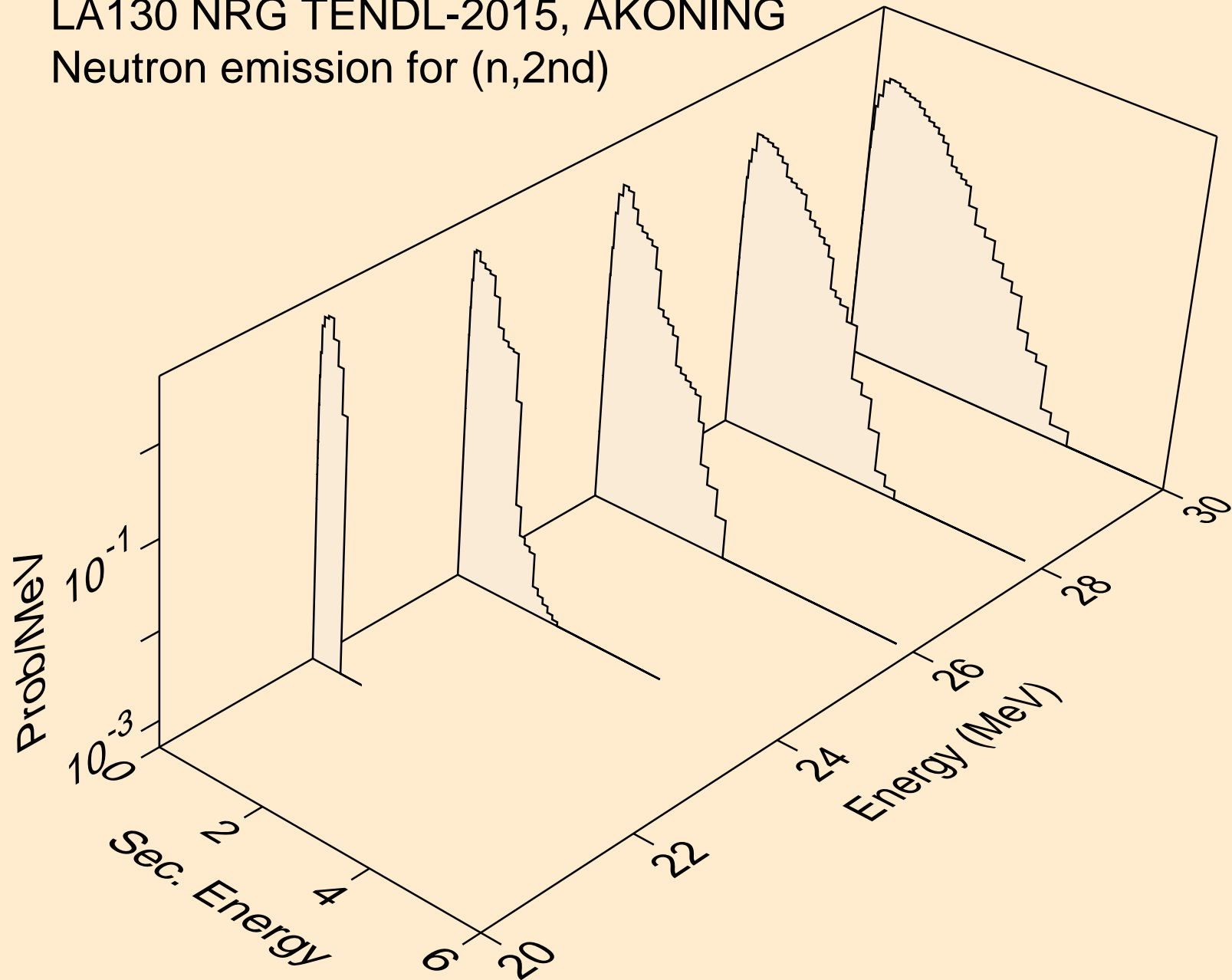
LA130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



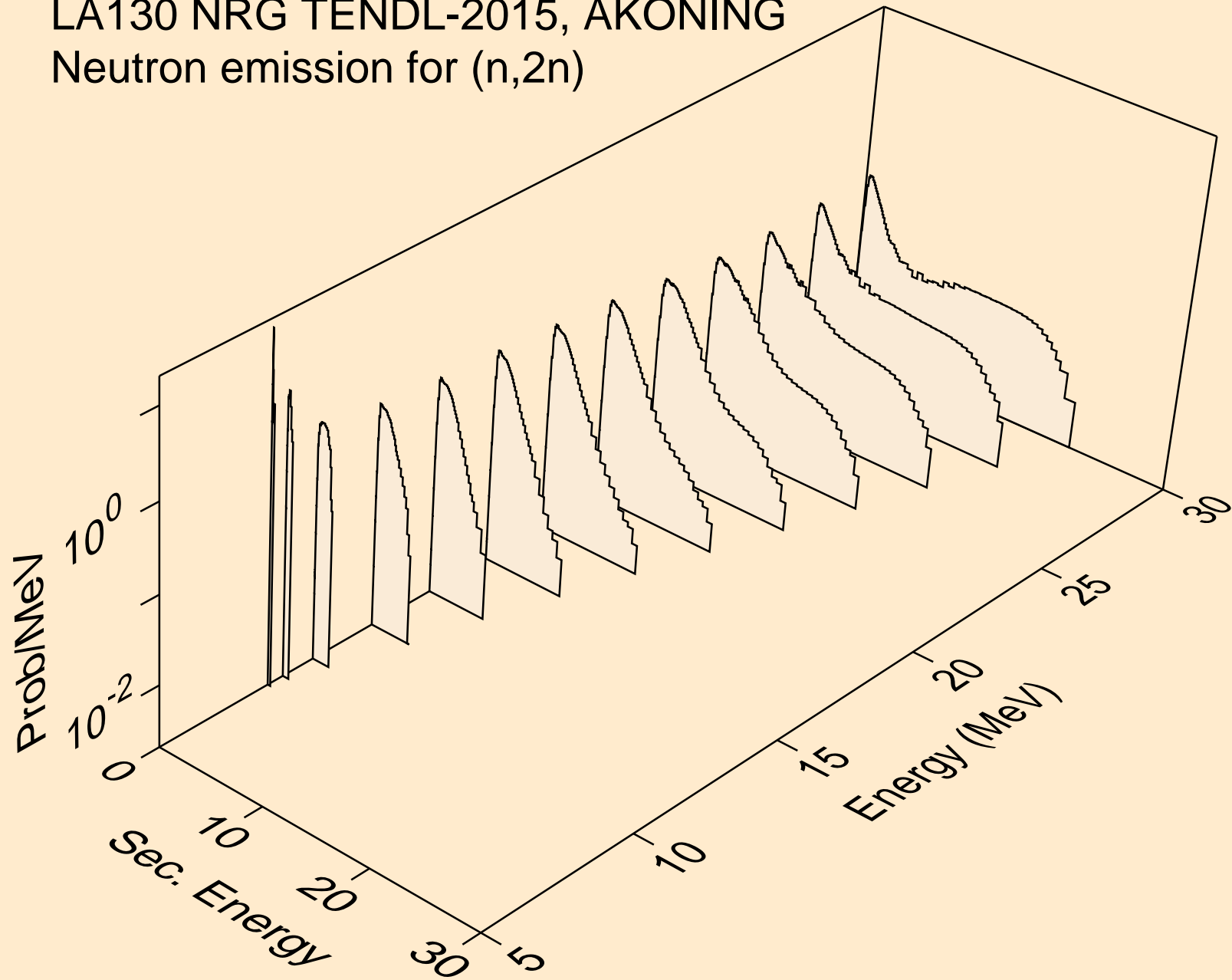
LA130 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



LA130 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

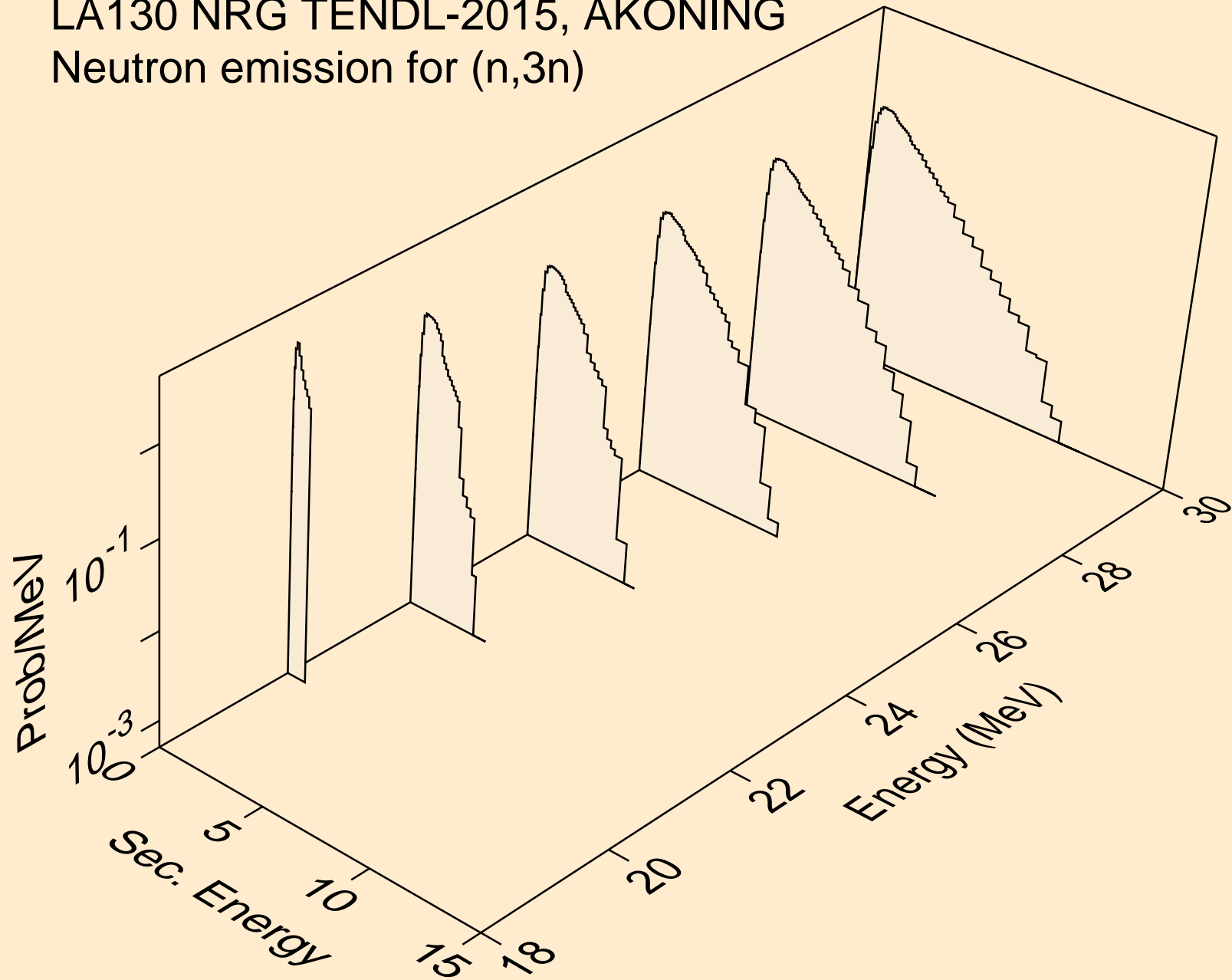


LA130 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

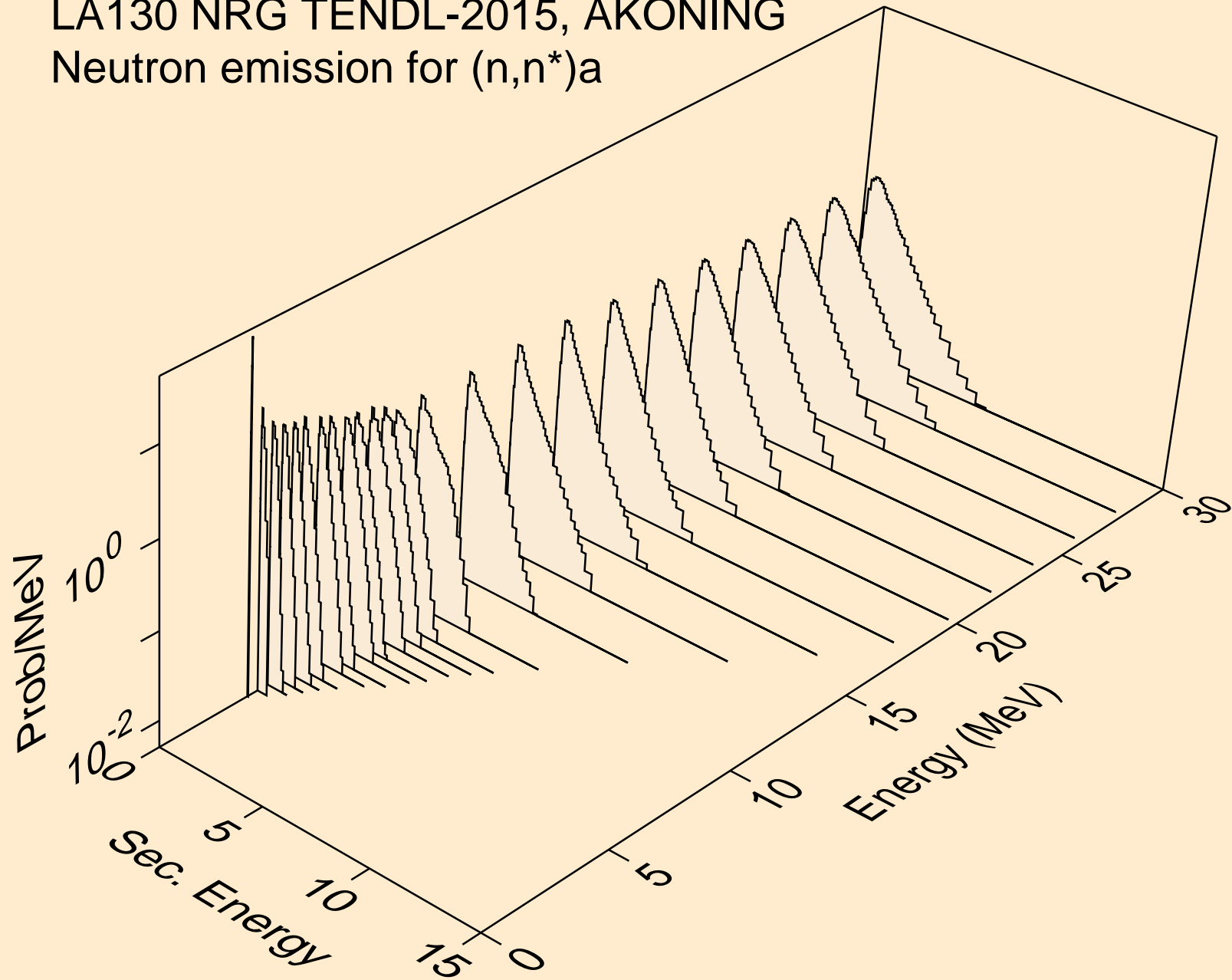




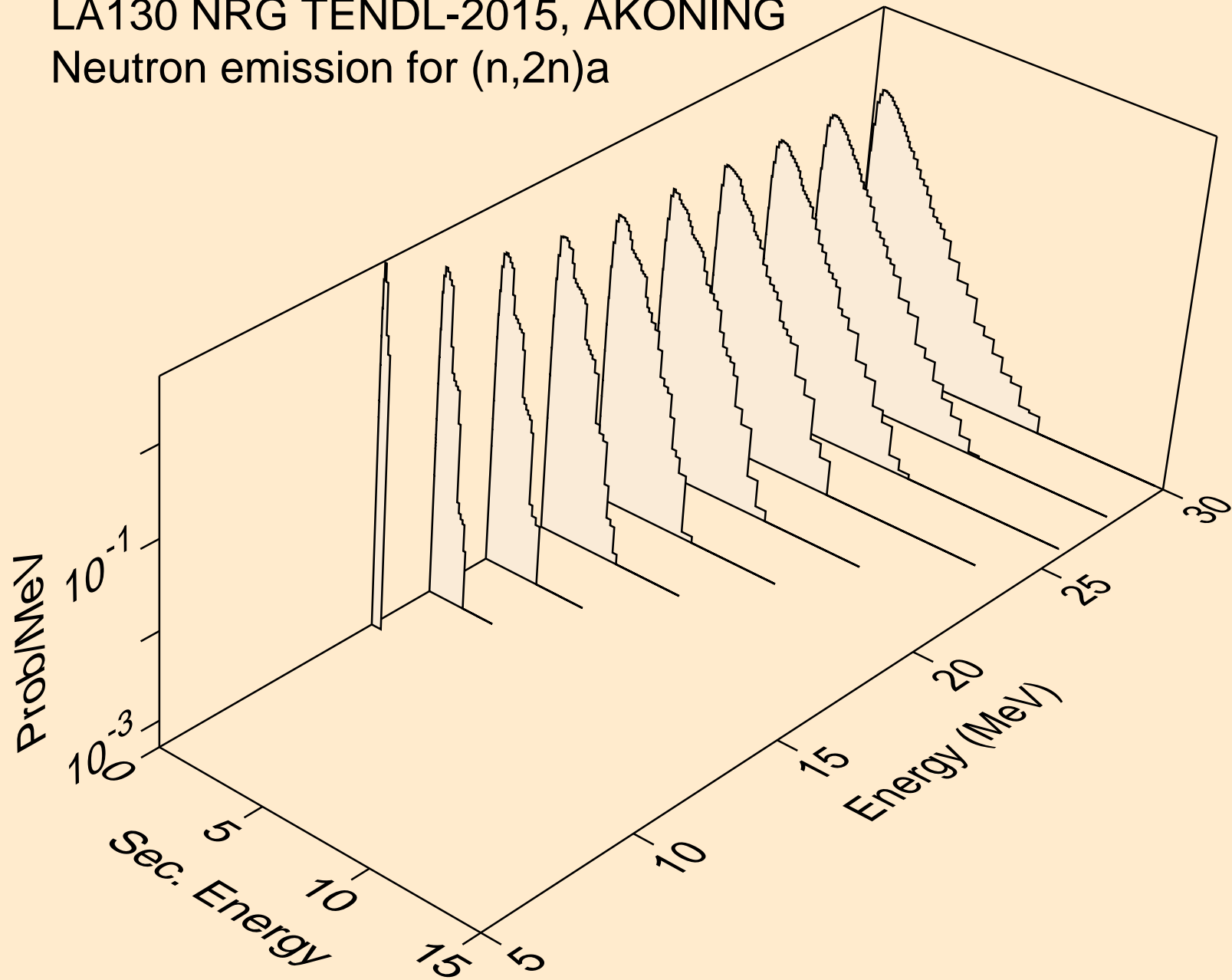
LA130 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



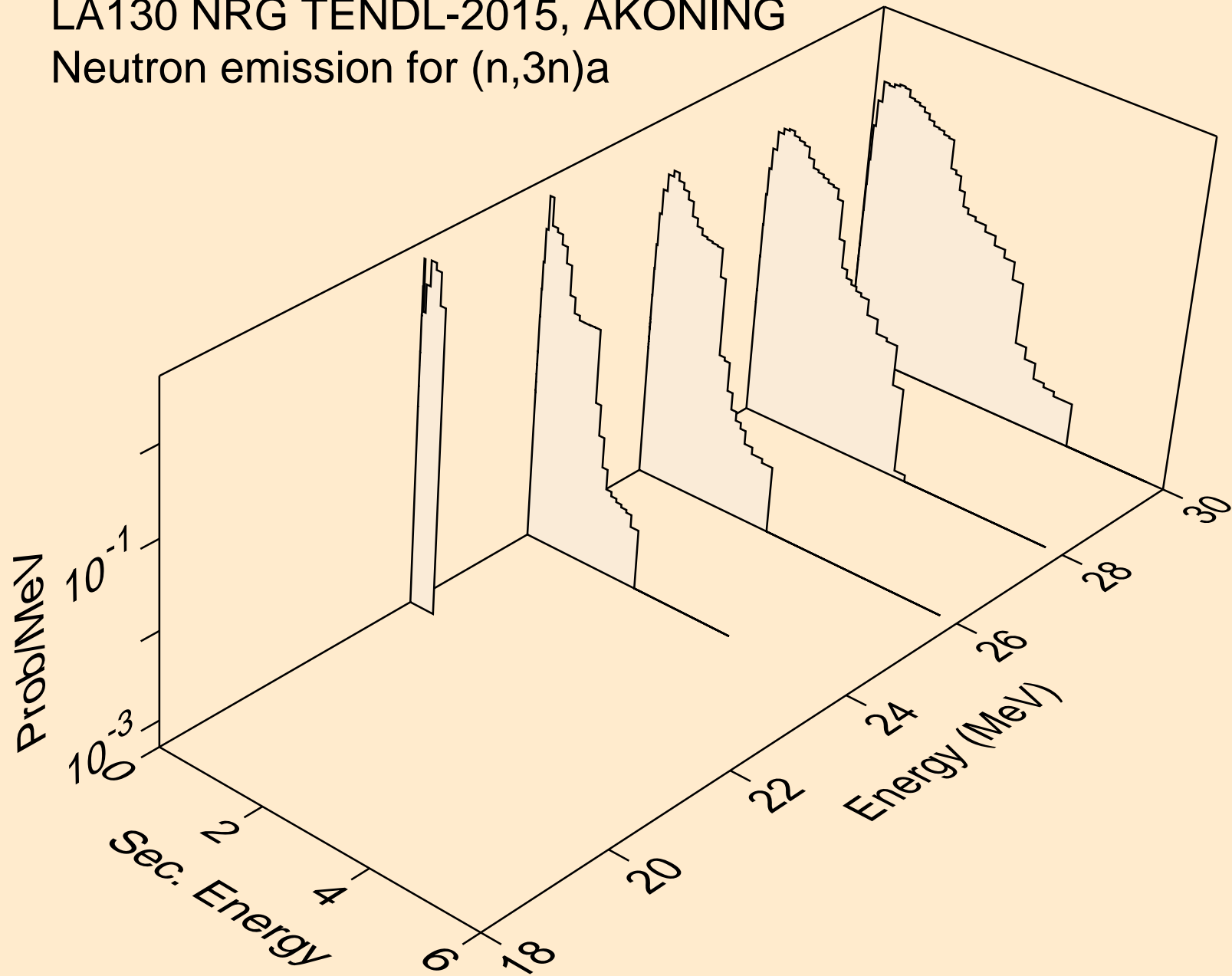
LA130 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



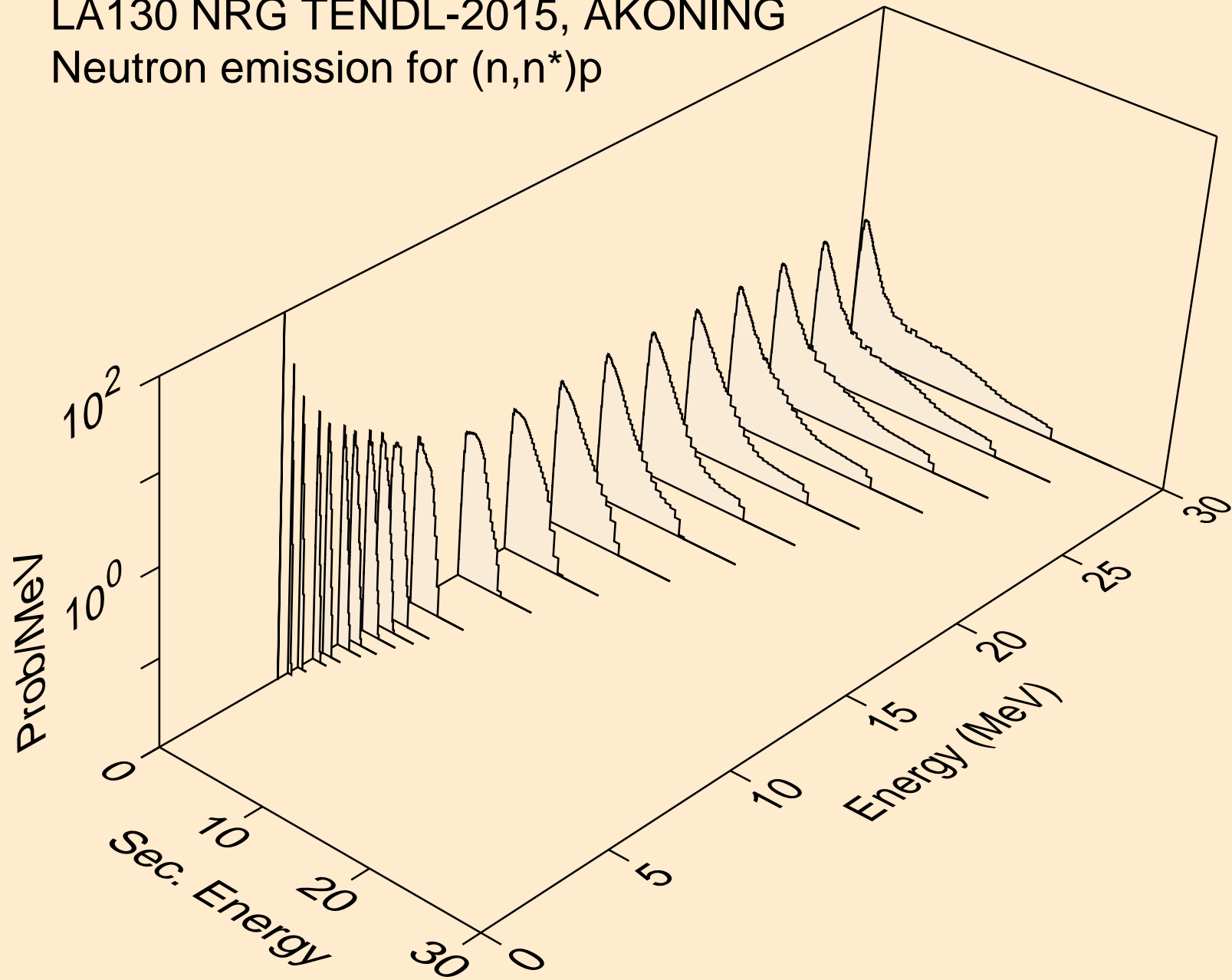
LA130 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)<sub>a</sub>



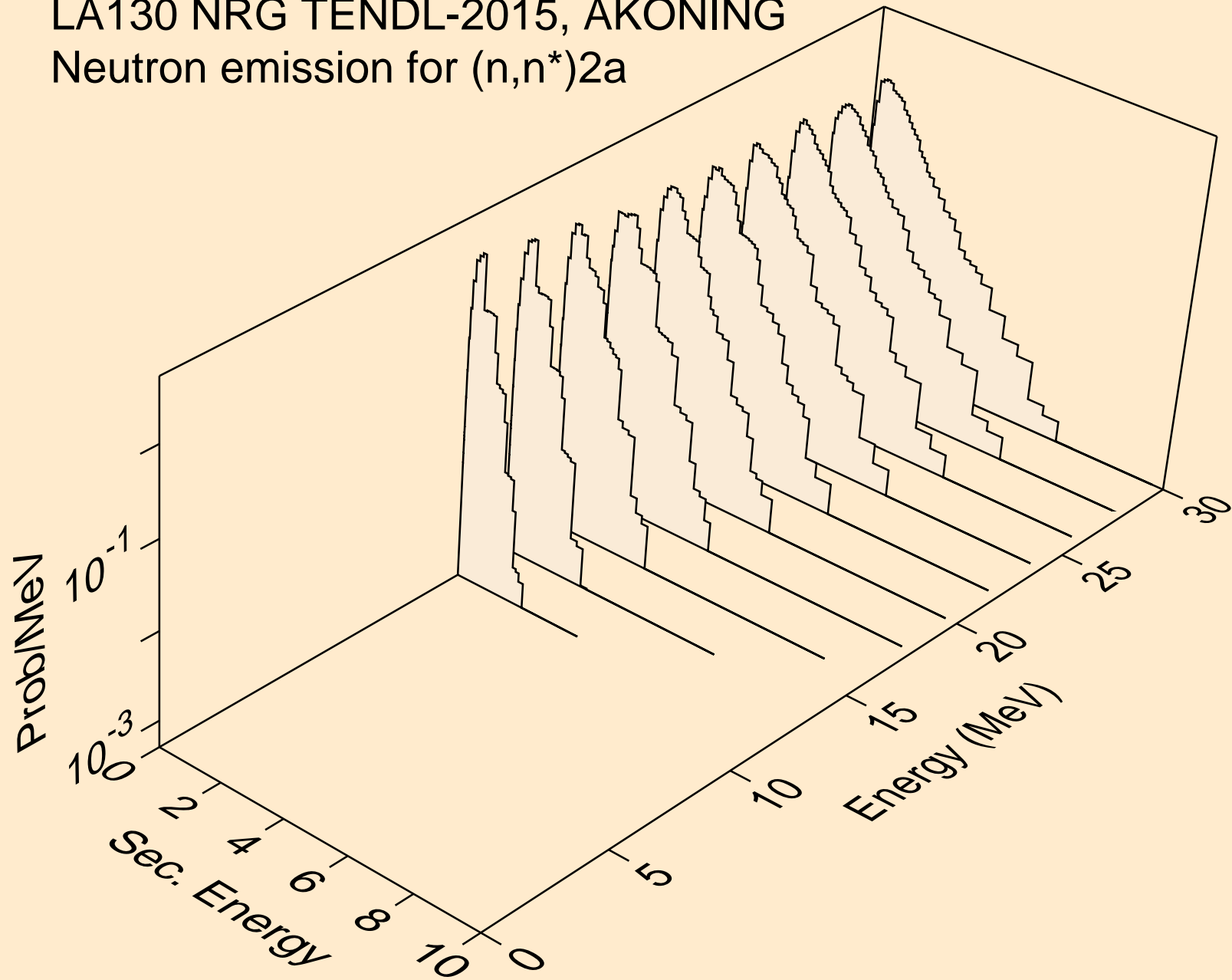
LA130 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



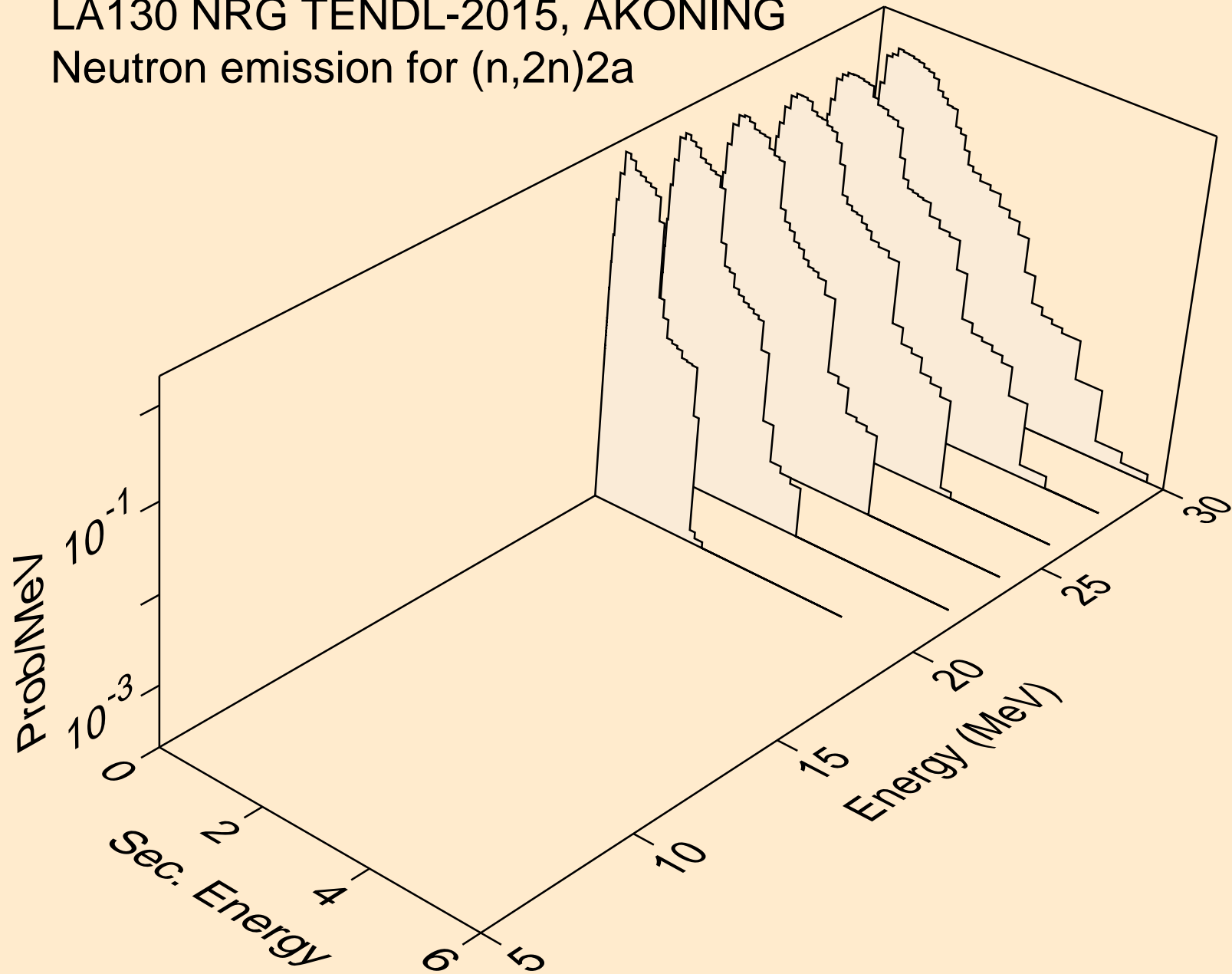
LA130 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



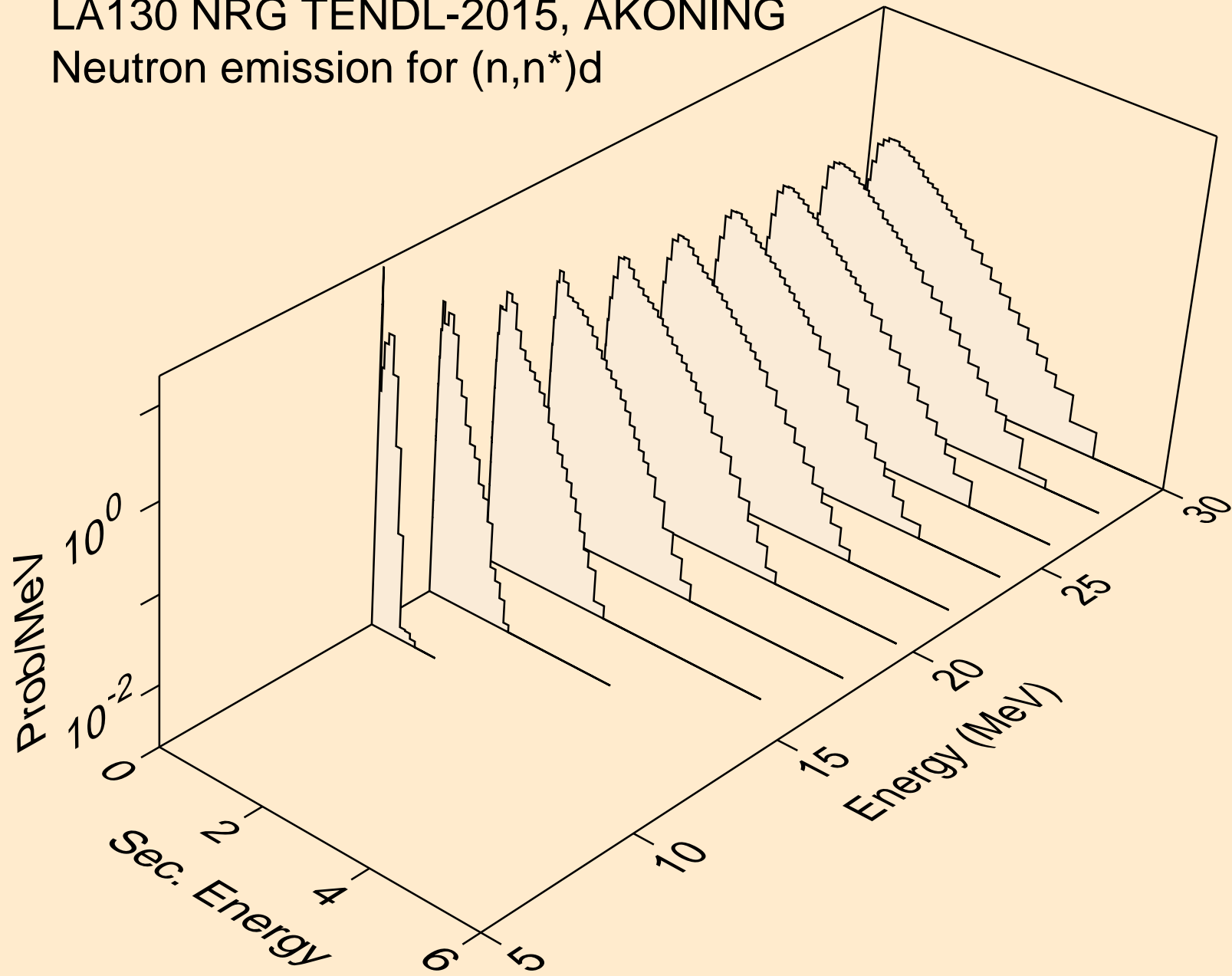
LA130 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



LA130 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a

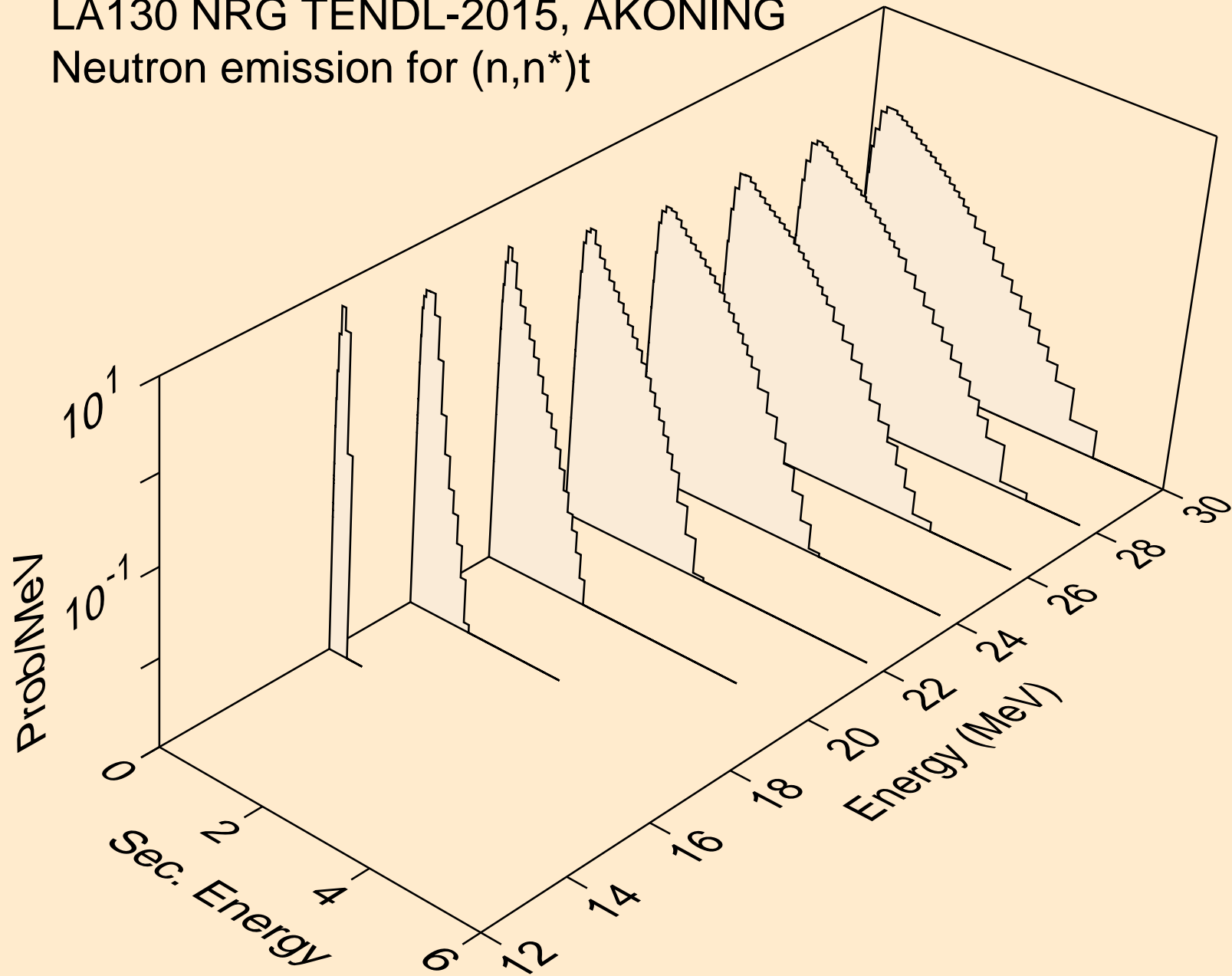


LA130 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

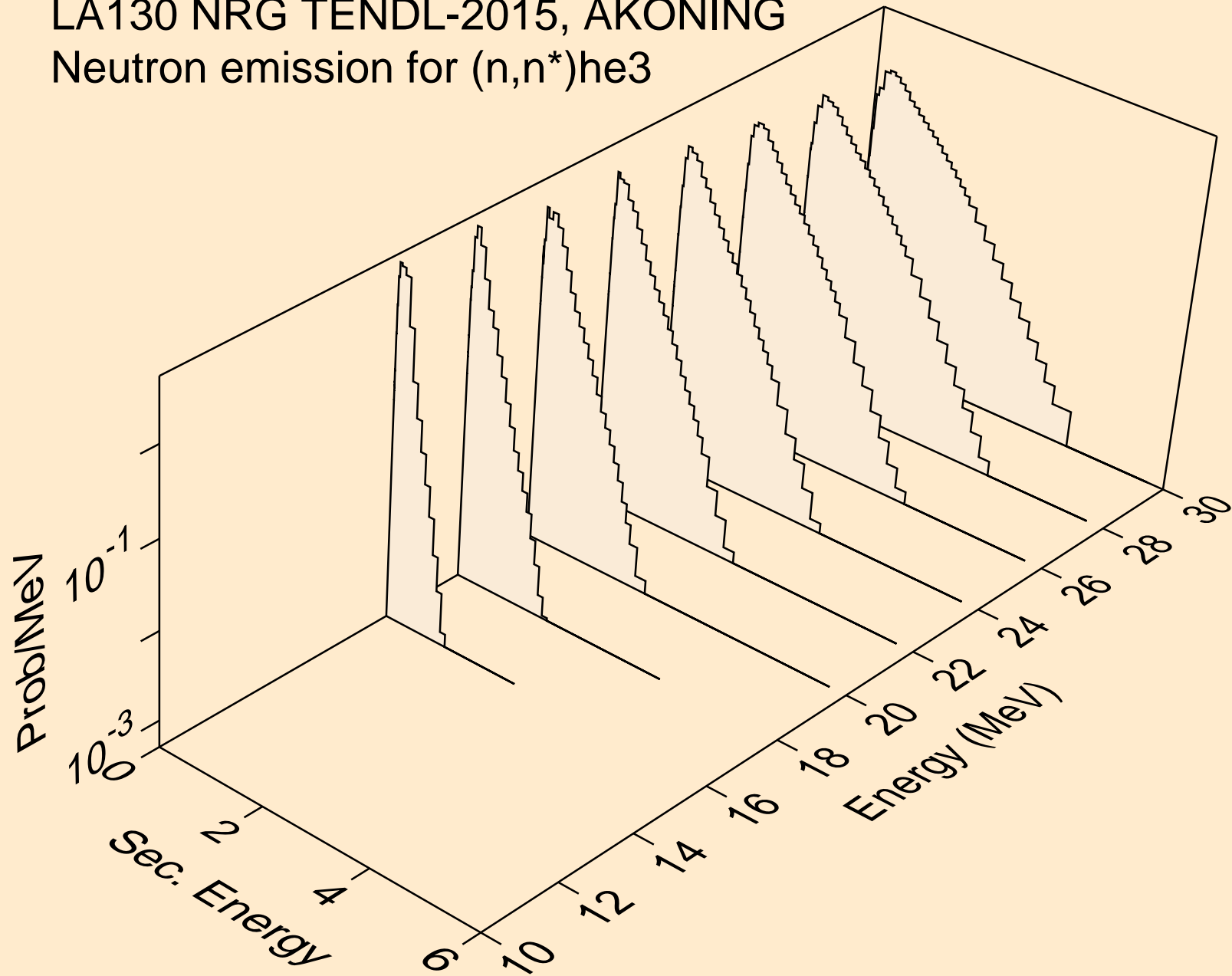




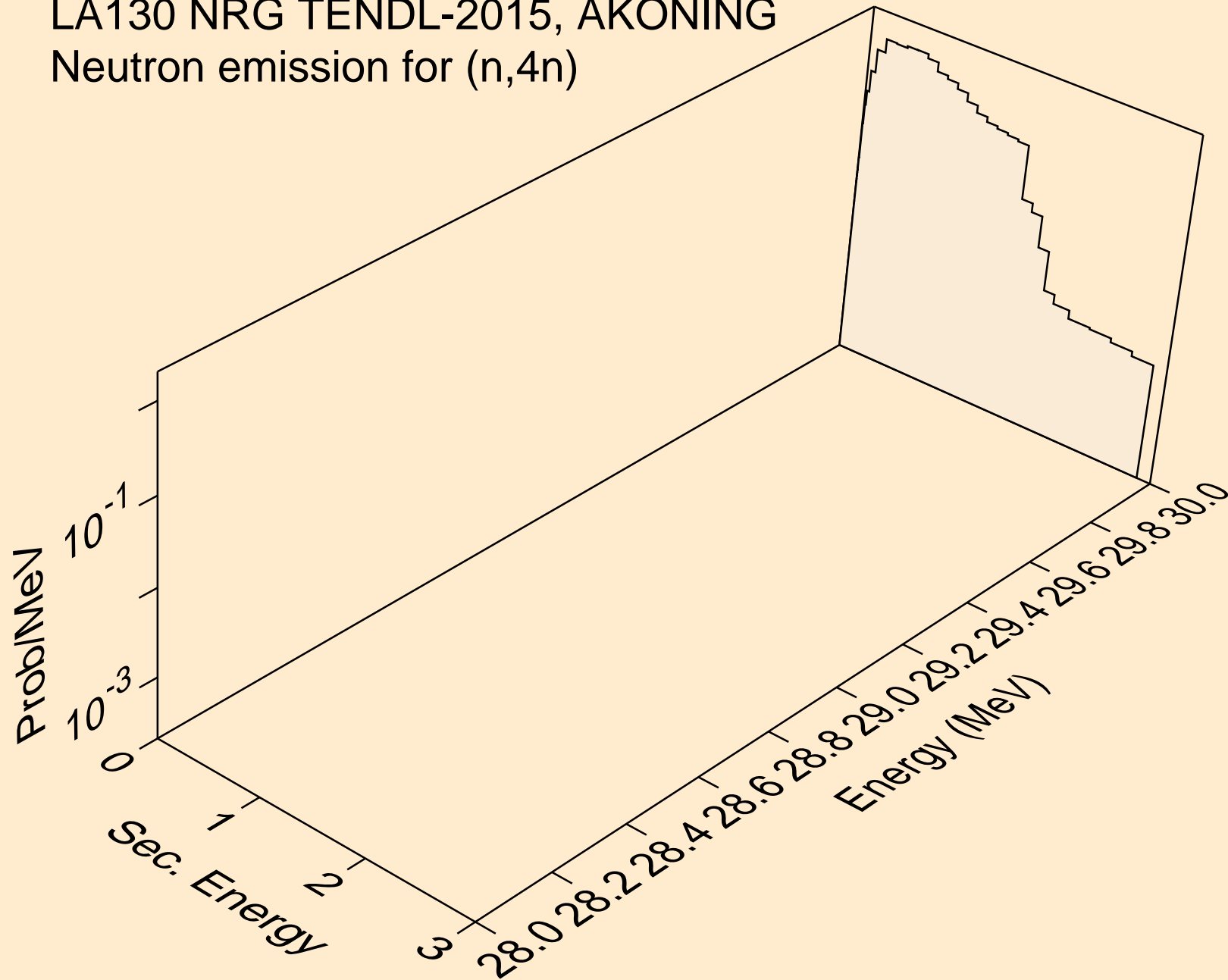
LA130 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



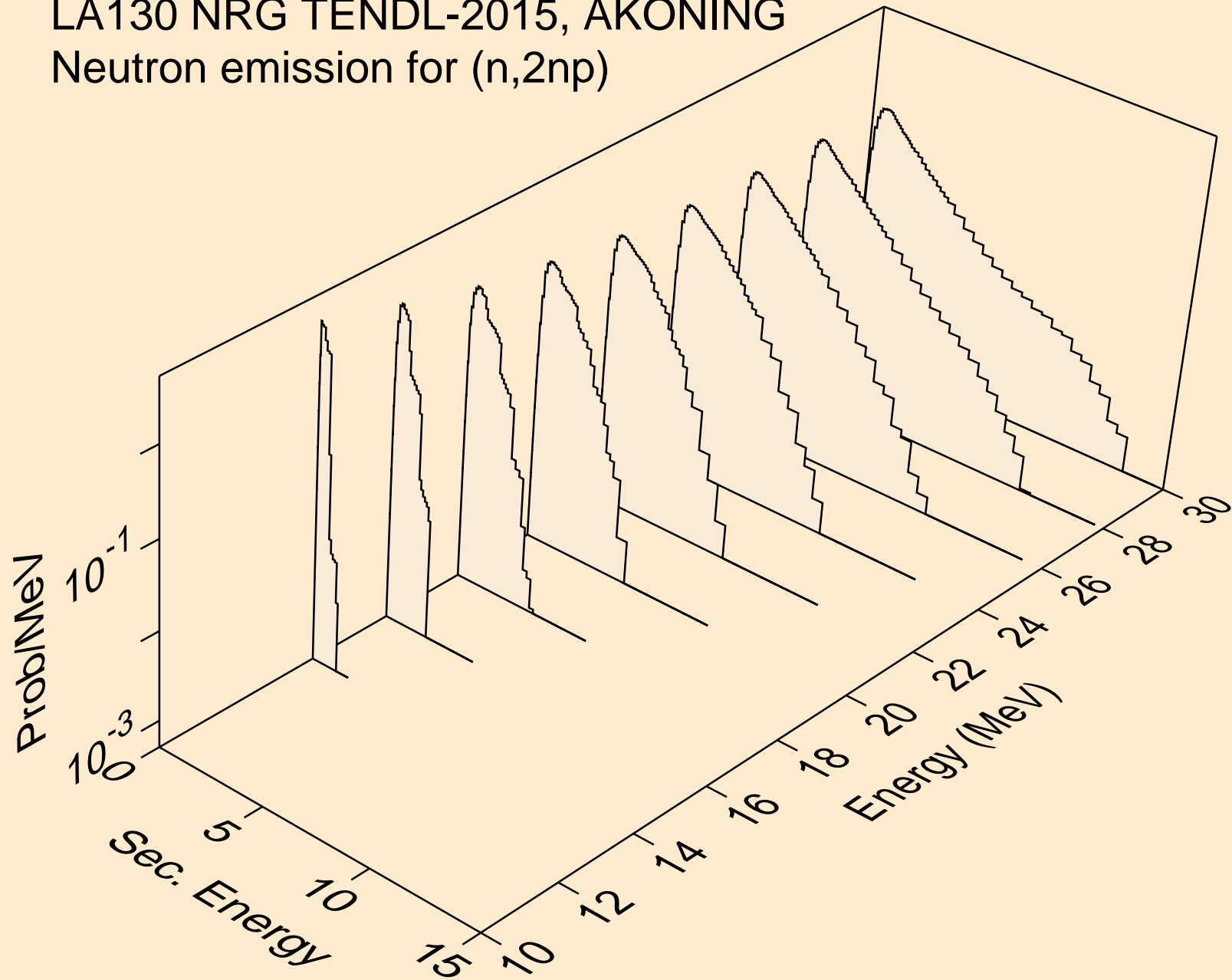
LA130 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



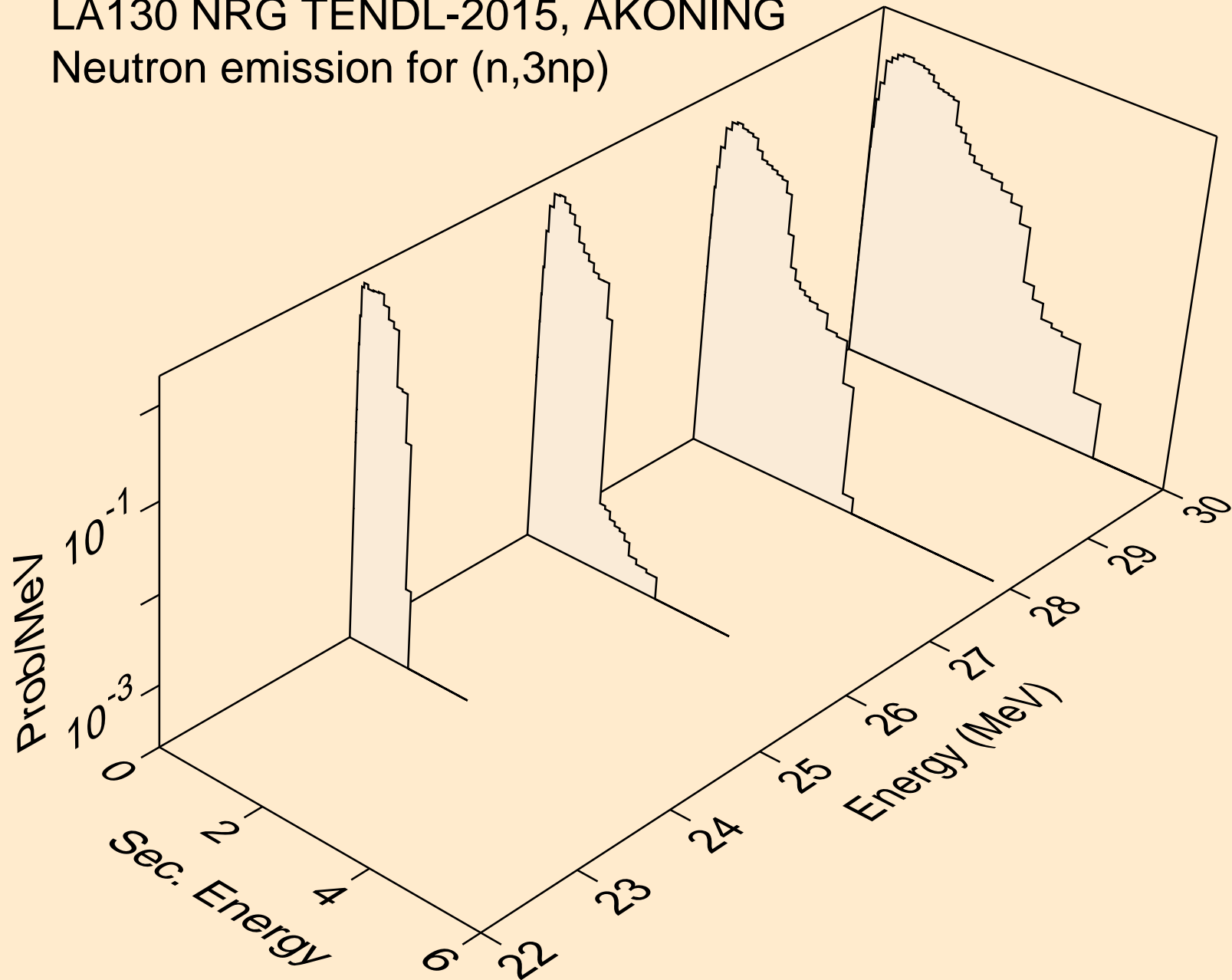
LA130 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



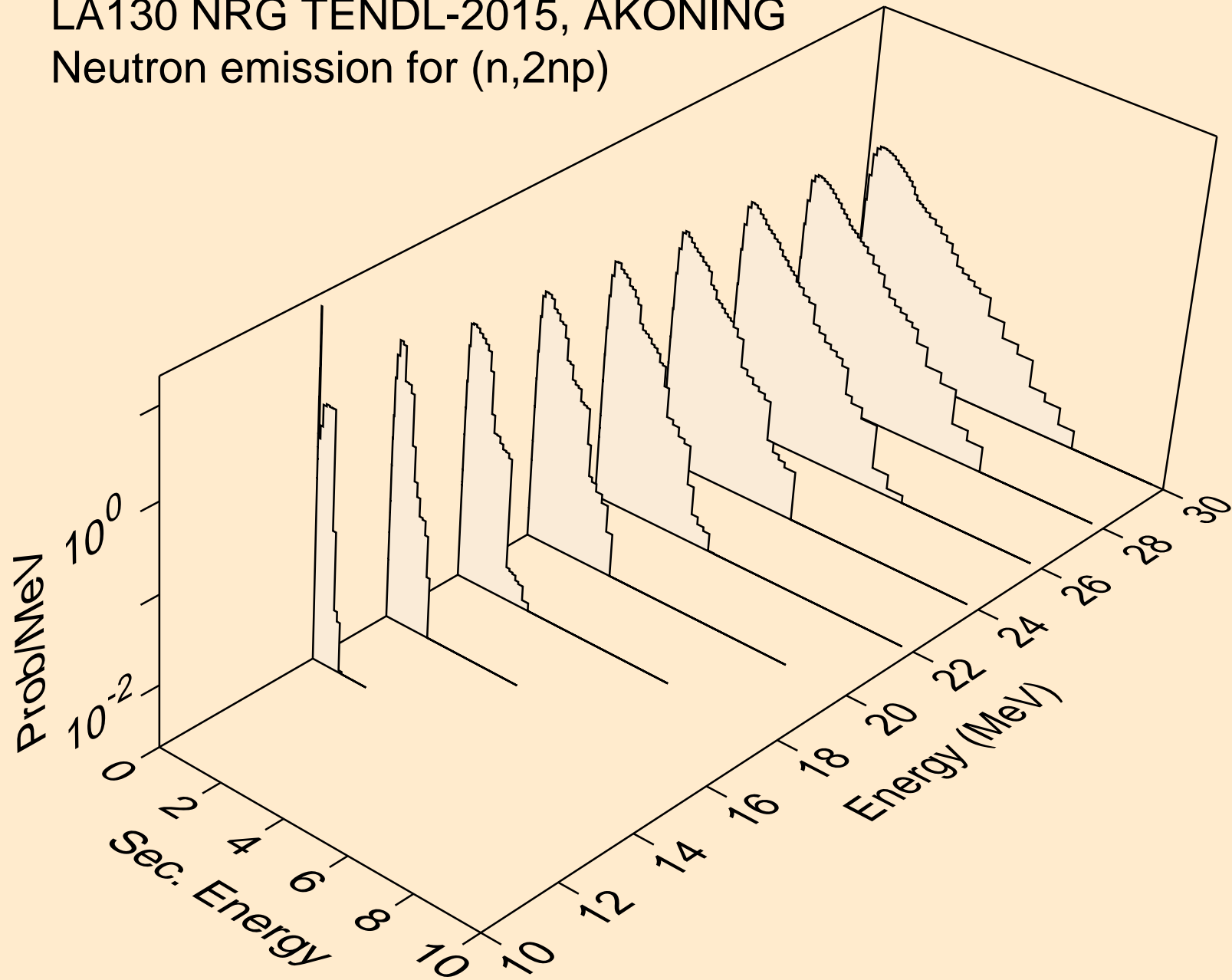
LA130 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



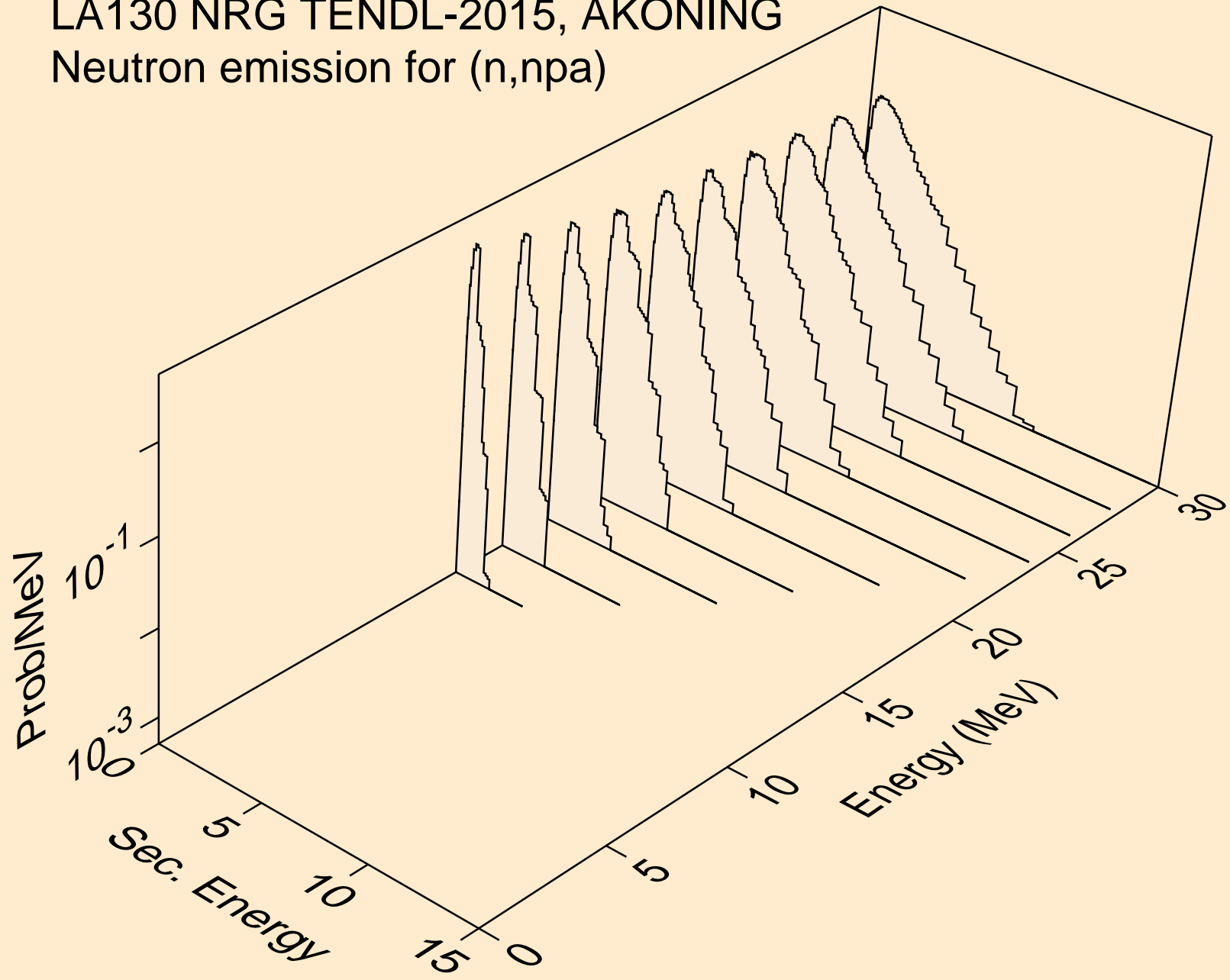
LA130 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



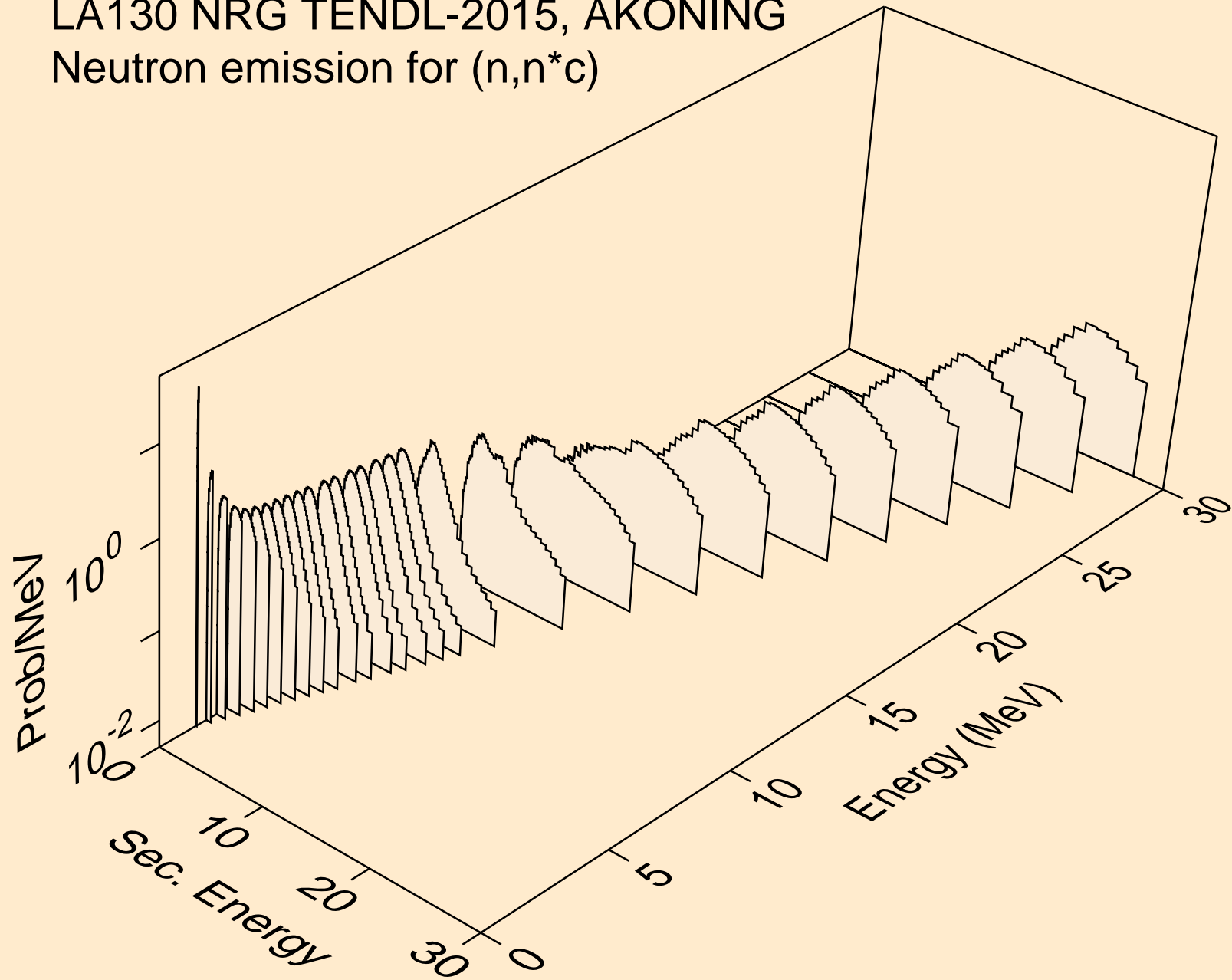
LA130 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



LA130 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

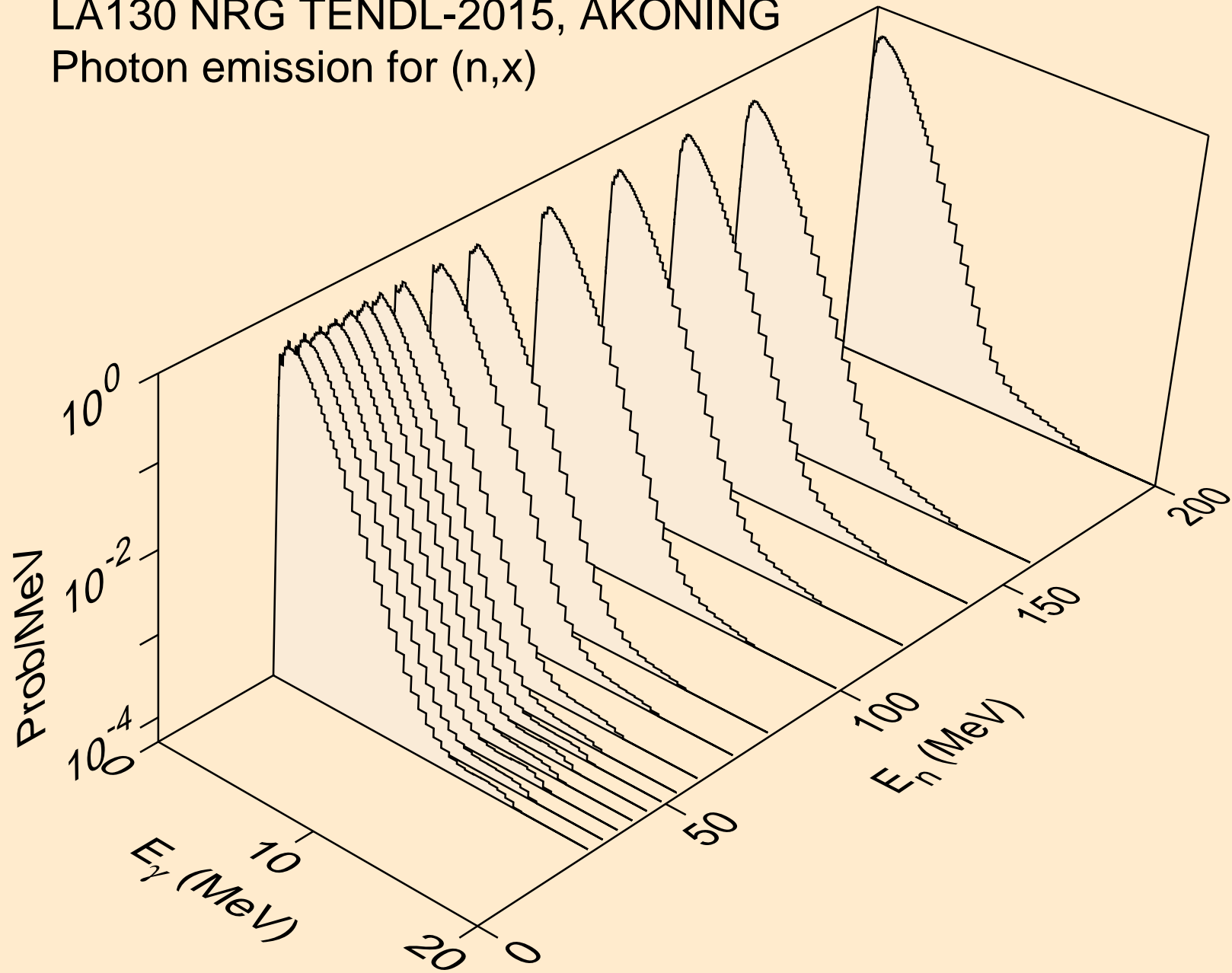


LA130 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

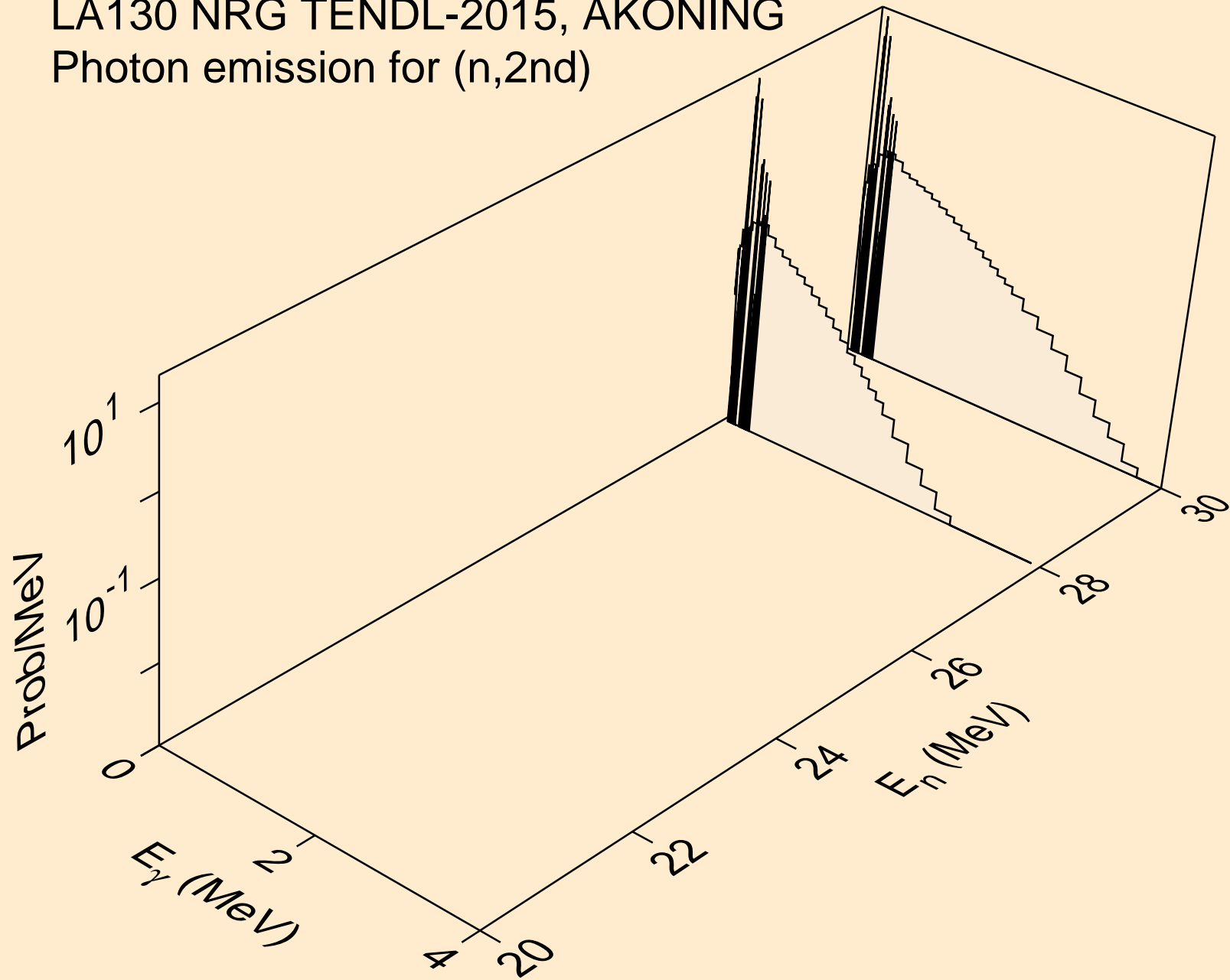




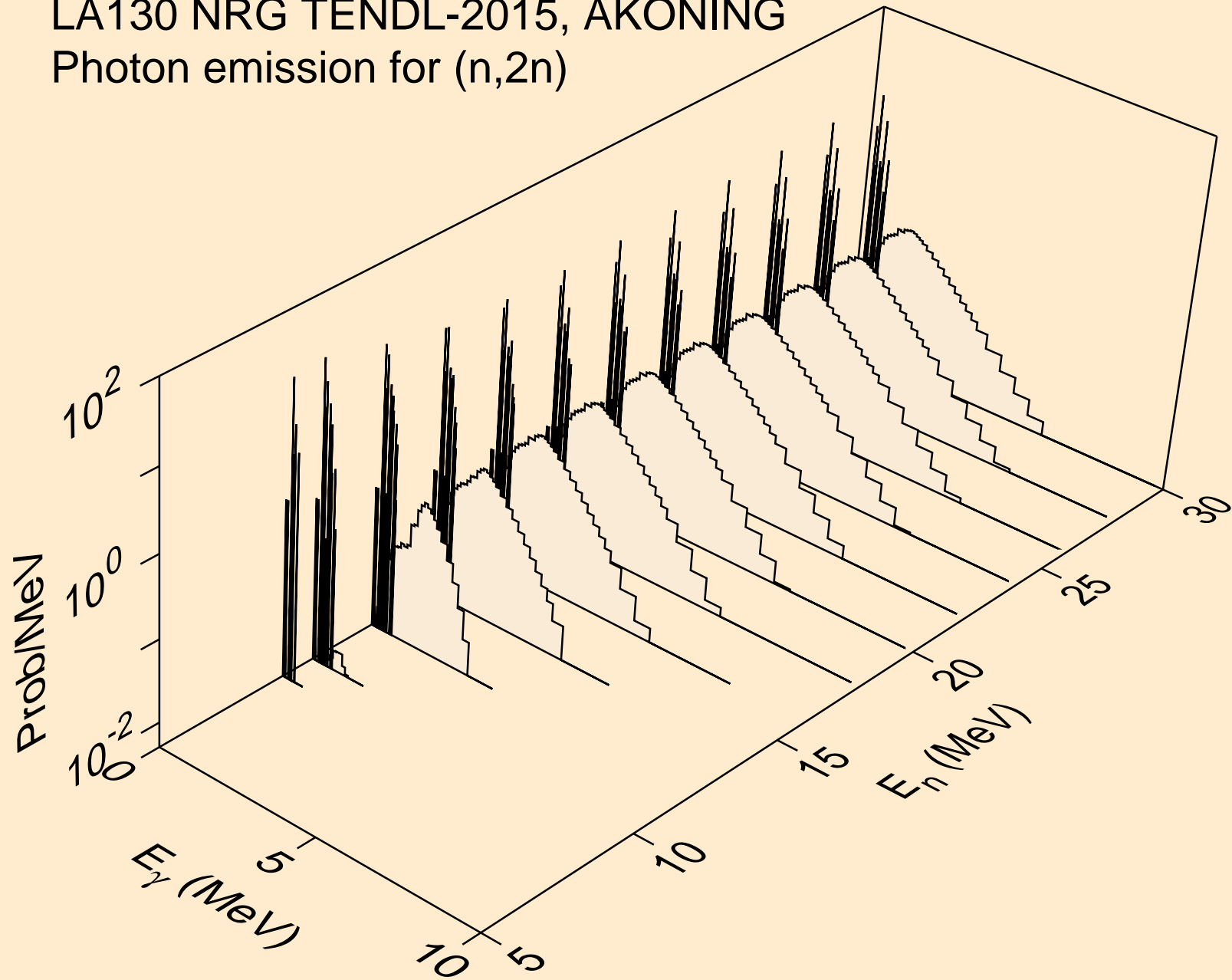
LA130 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



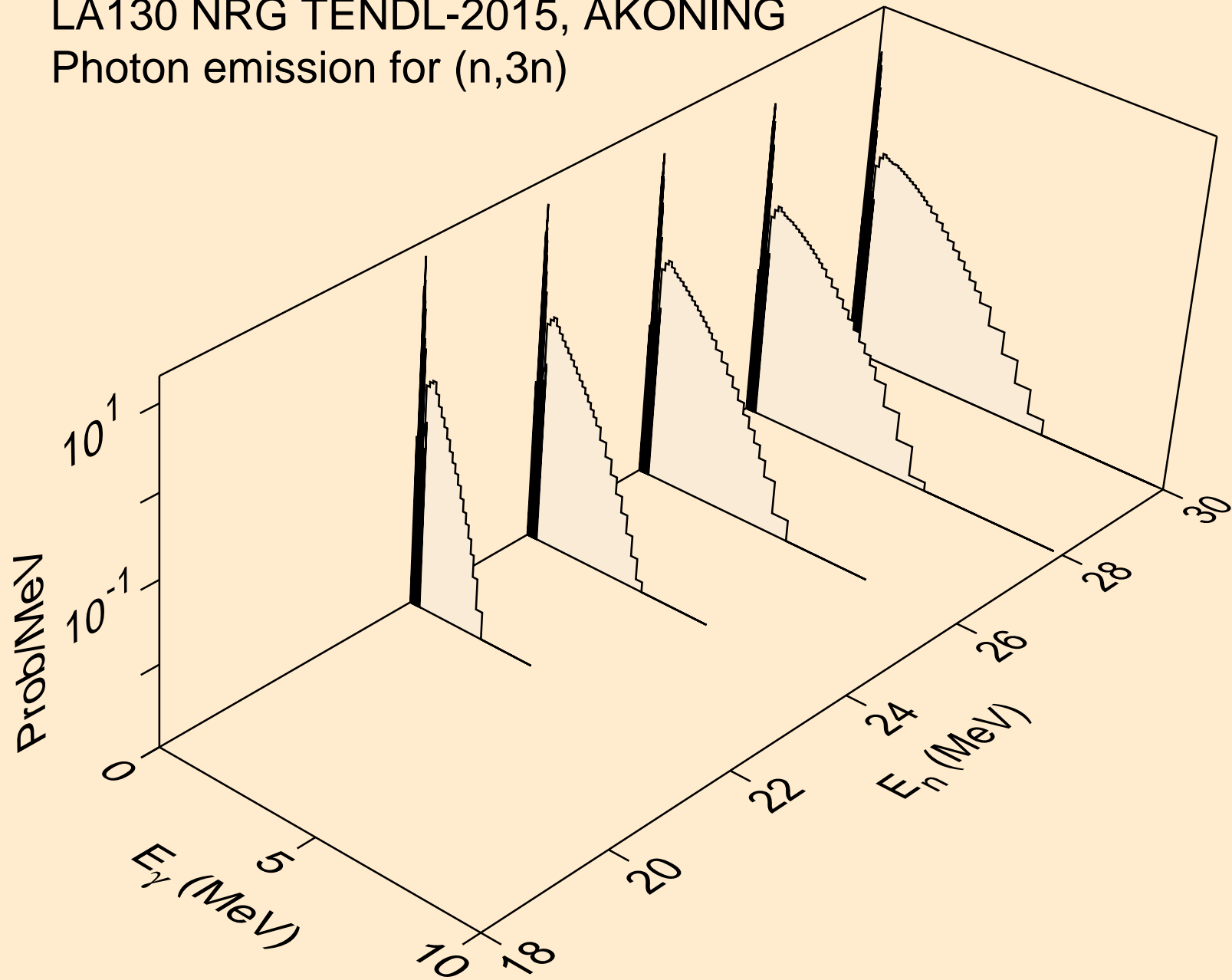
LA130 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



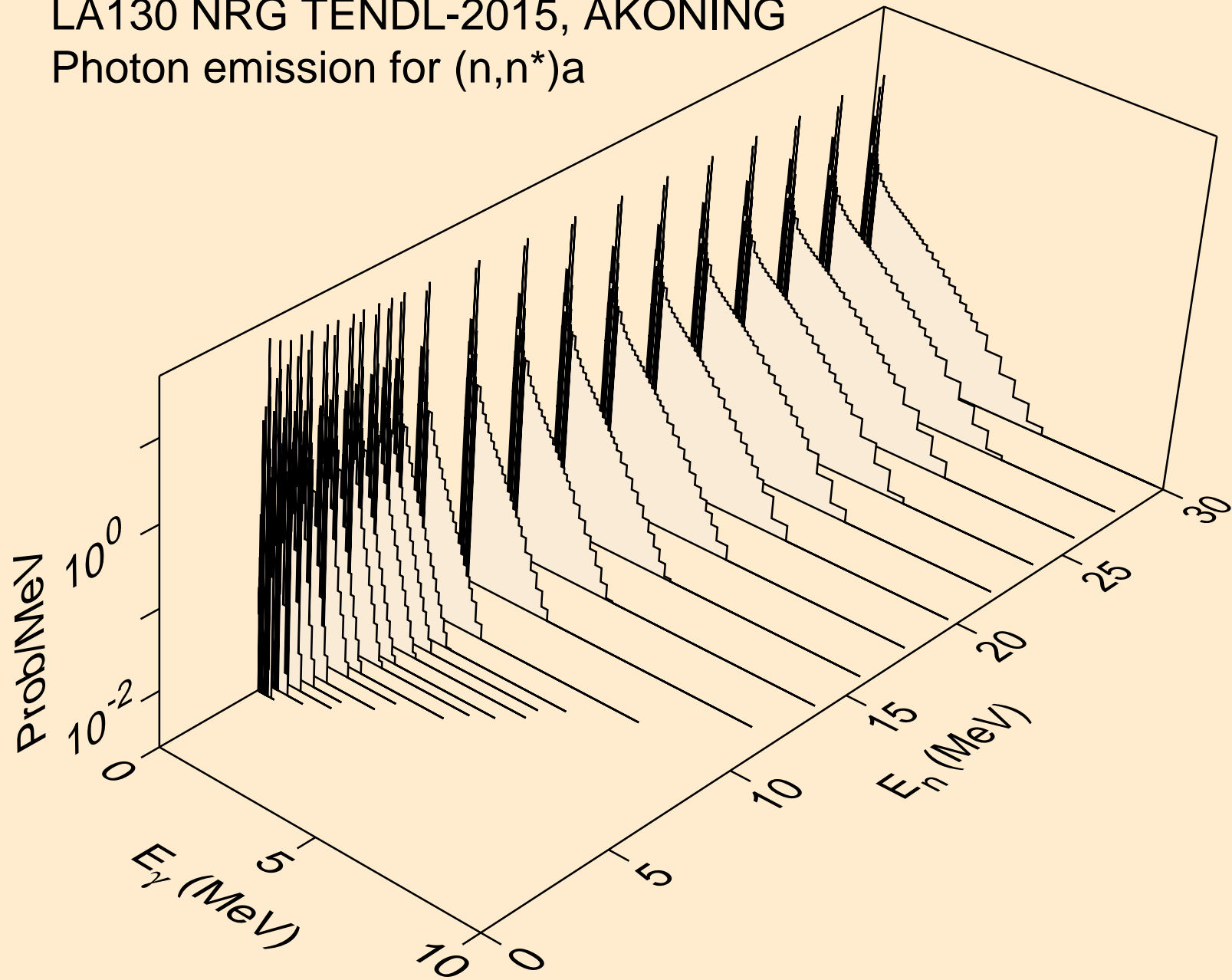
LA130 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



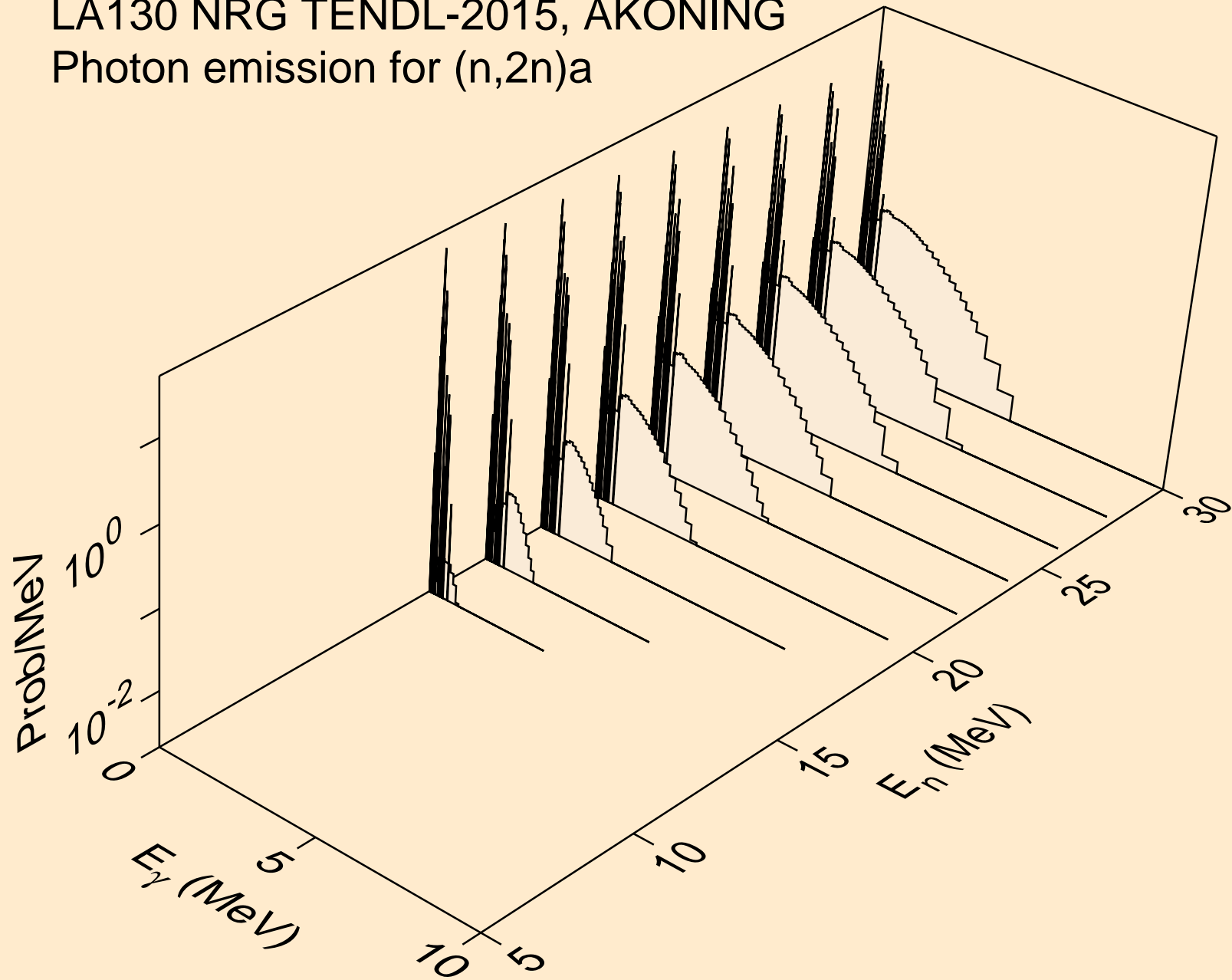
LA130 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



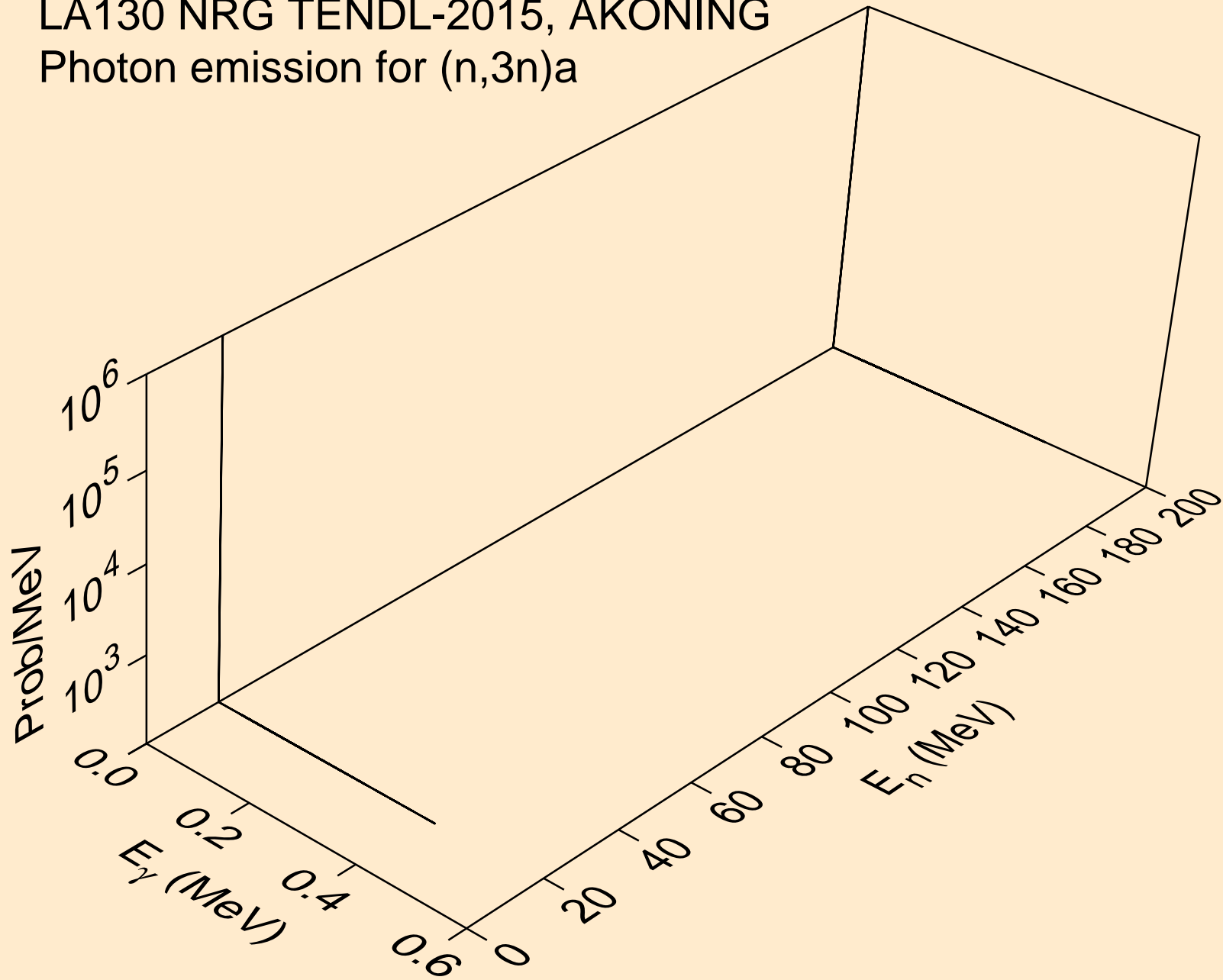
LA130 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



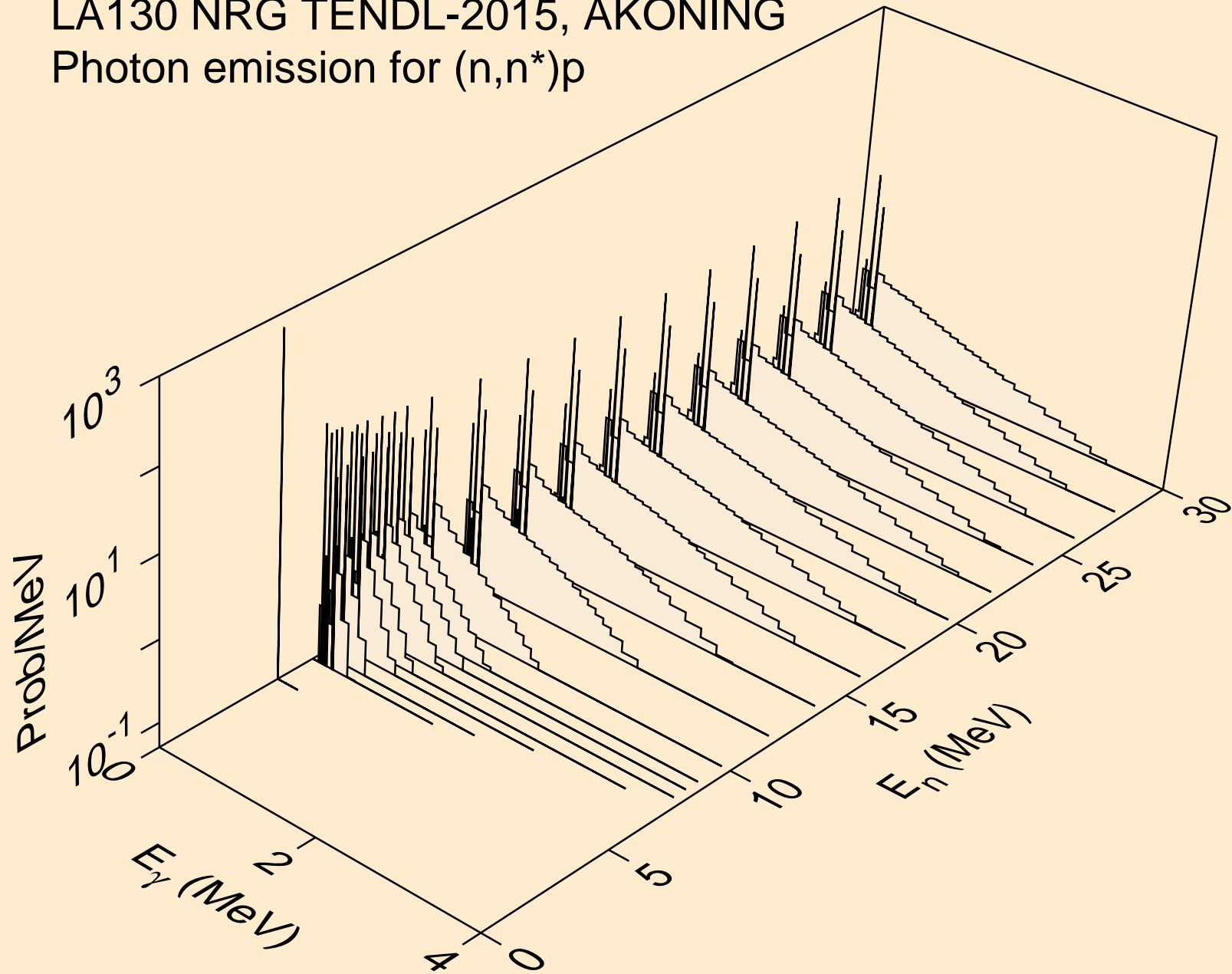
LA130 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



LA130 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

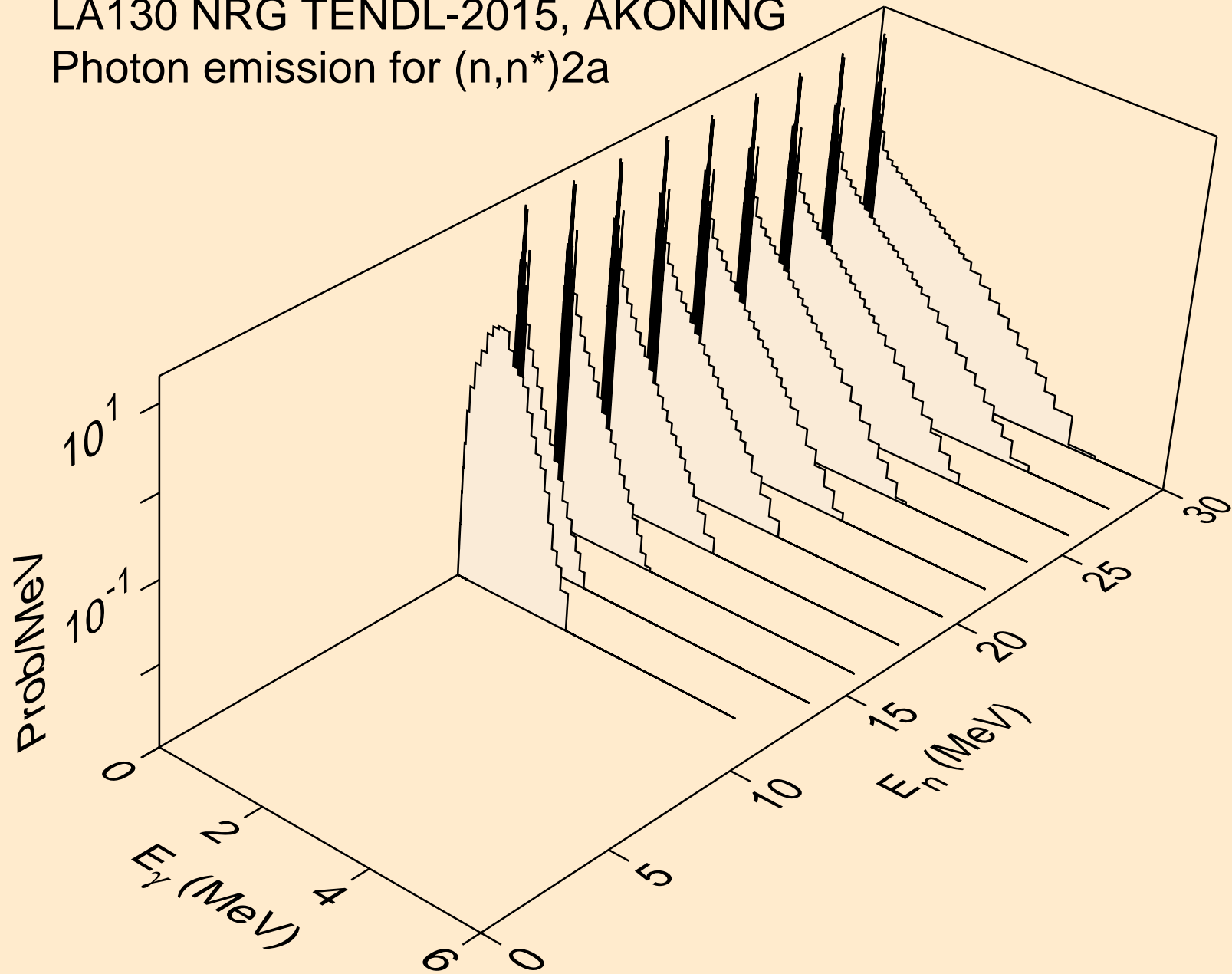


LA130 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

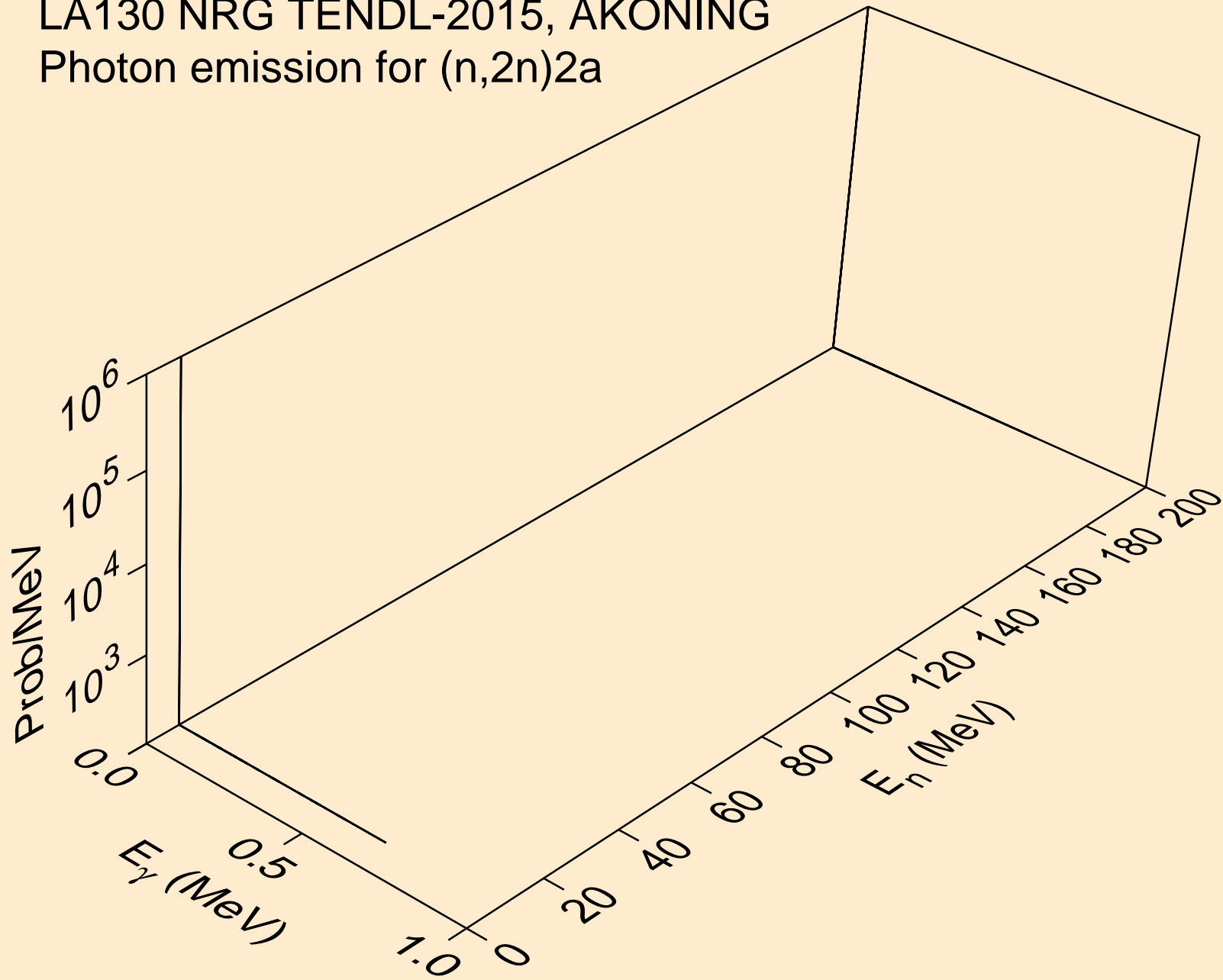




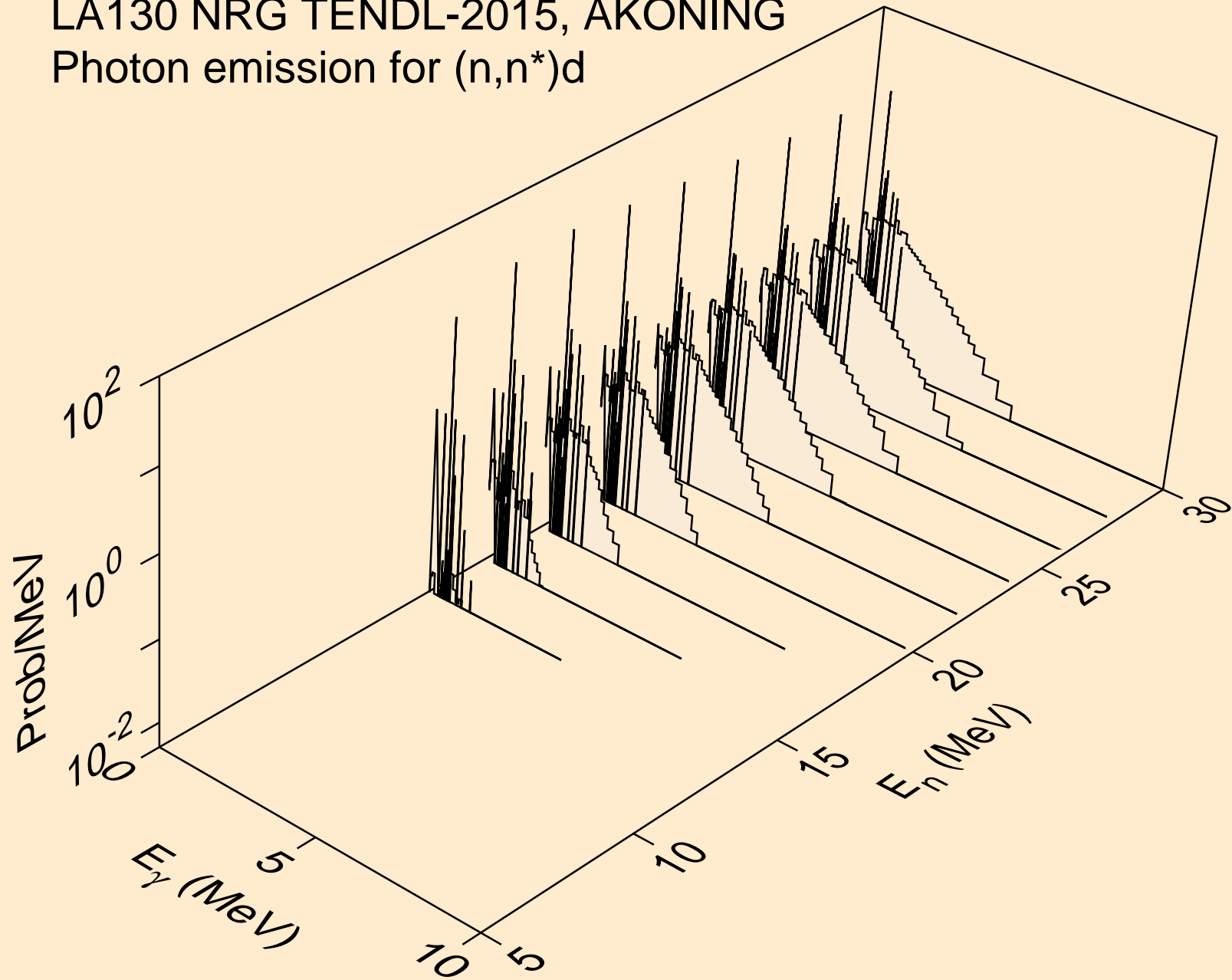
LA130 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



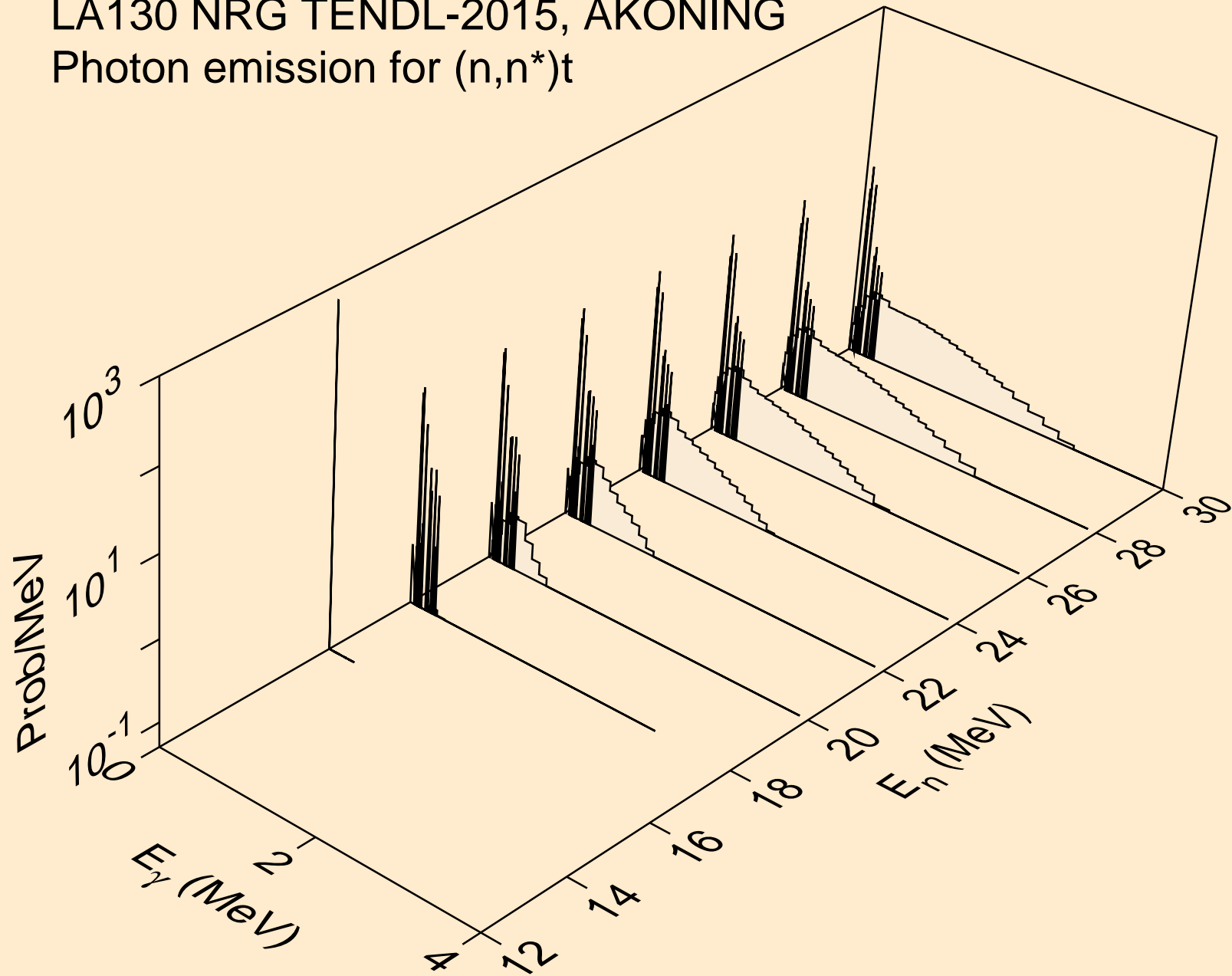
LA130 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



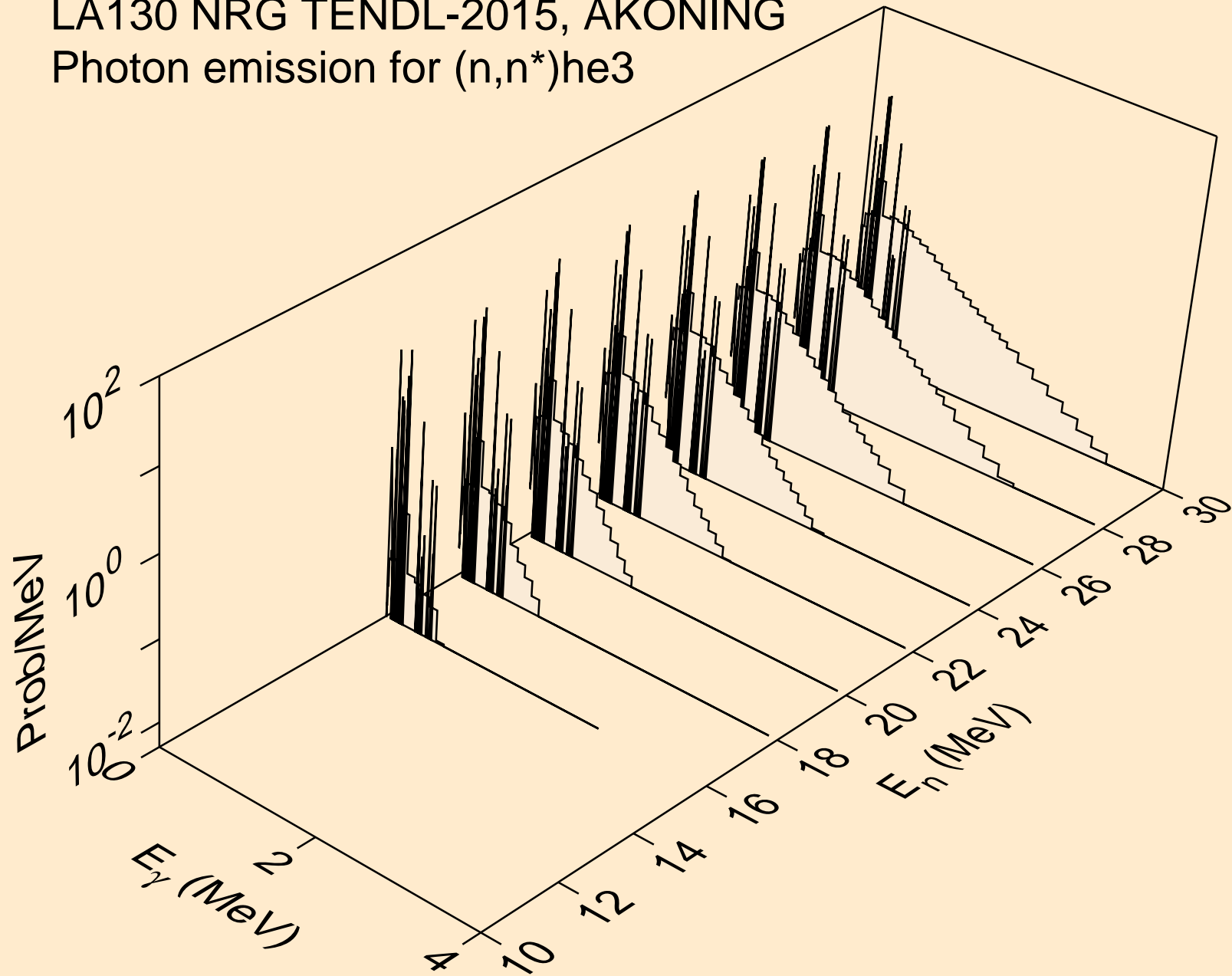
LA130 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



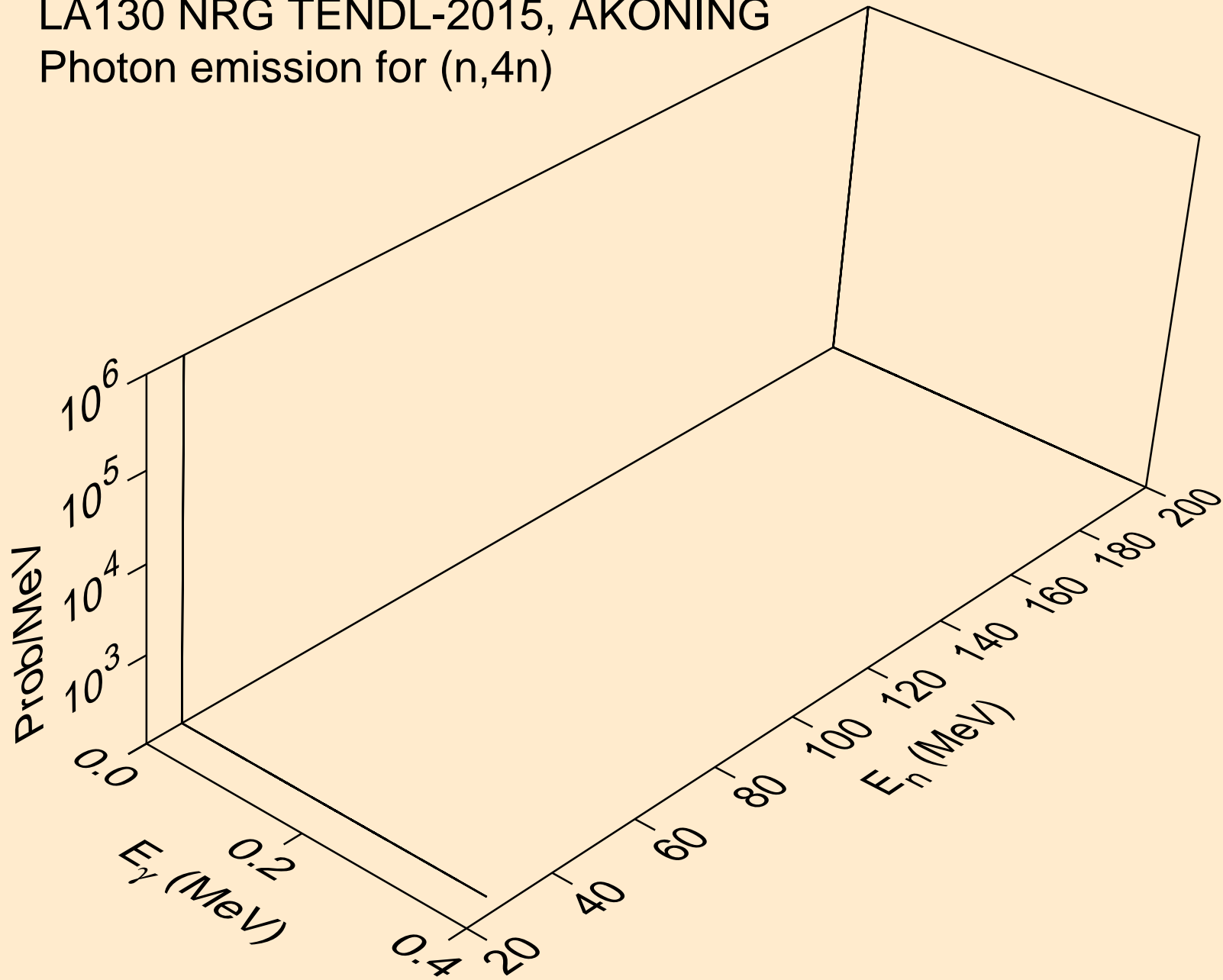
LA130 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



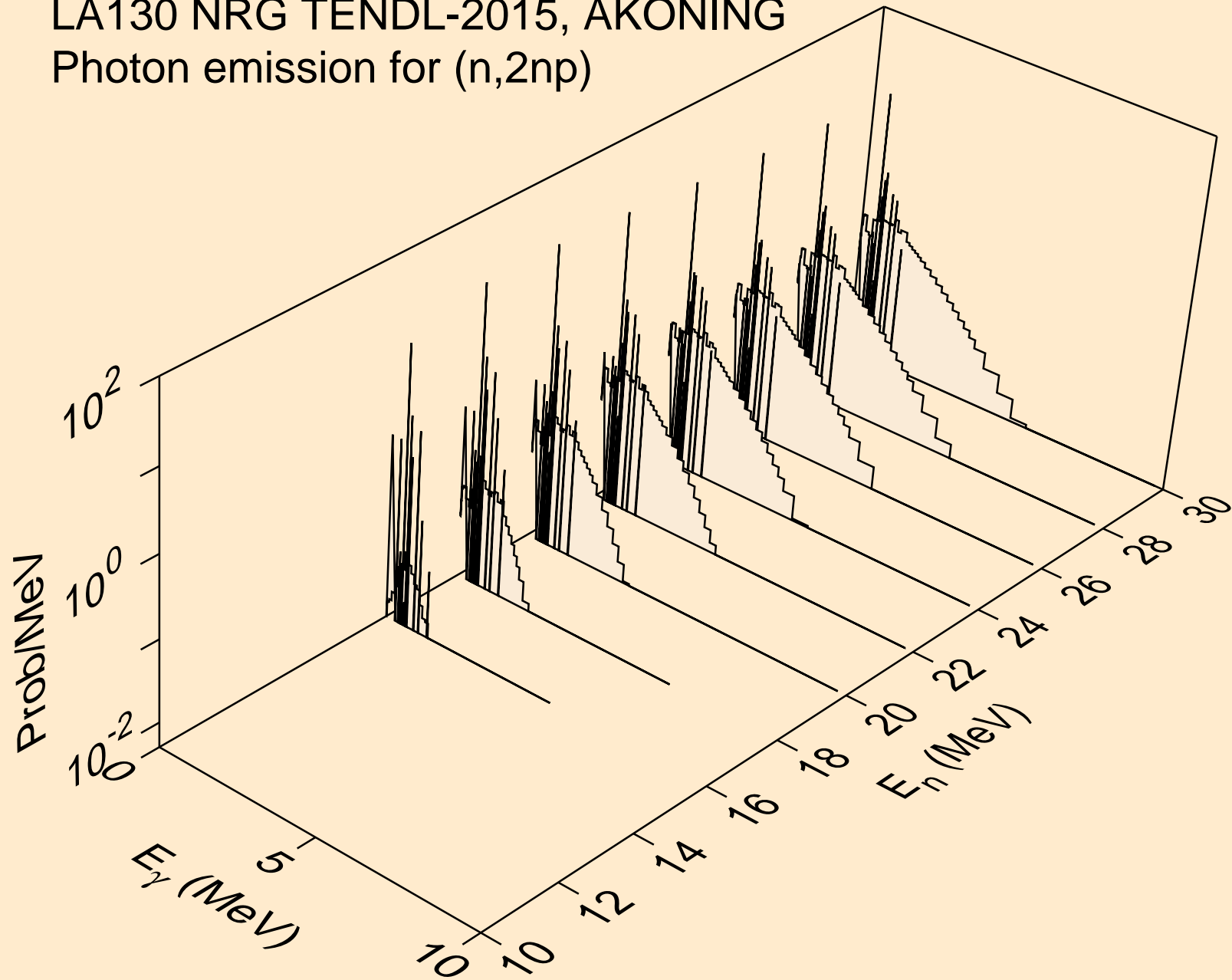
LA130 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



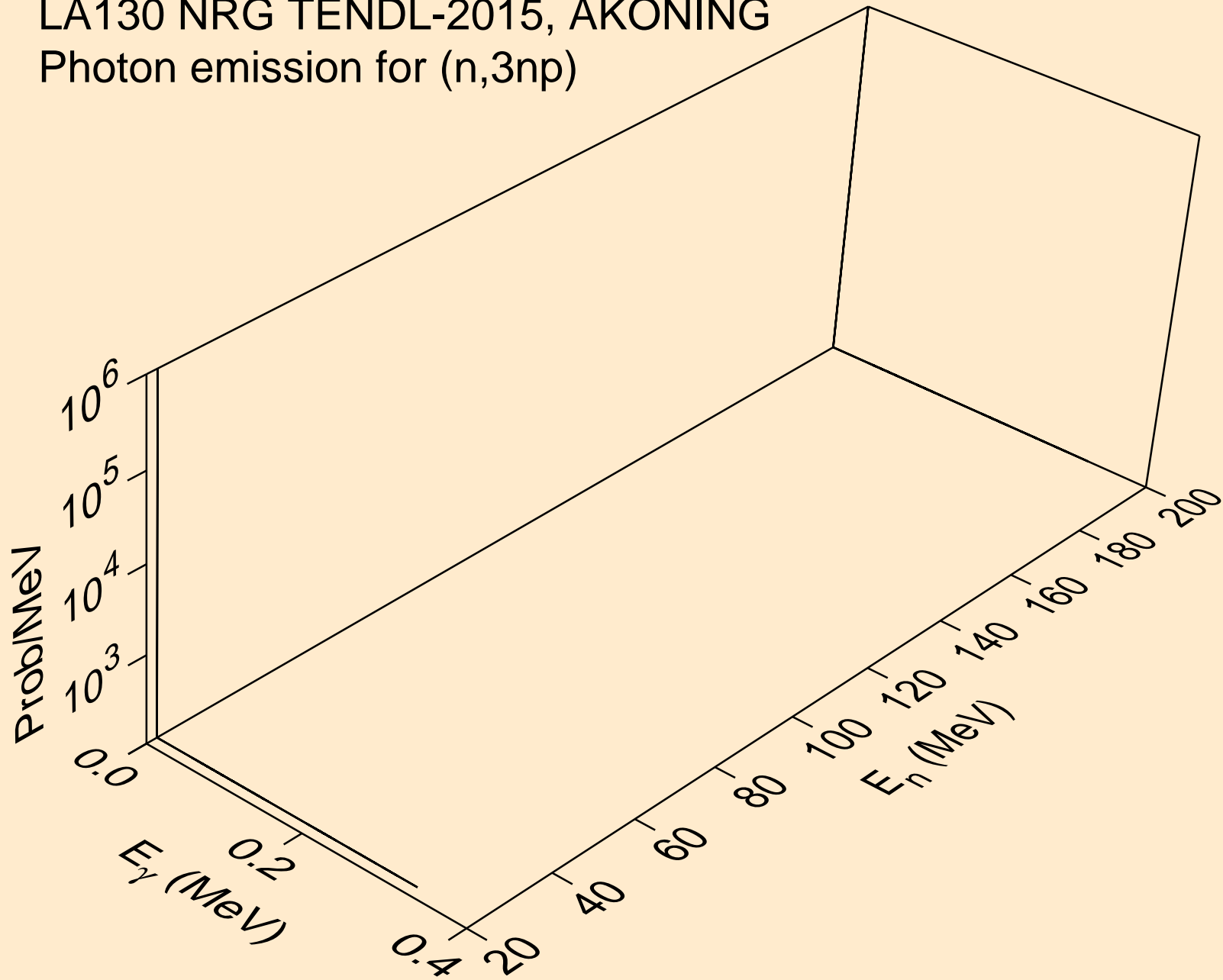
LA130 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



LA130 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

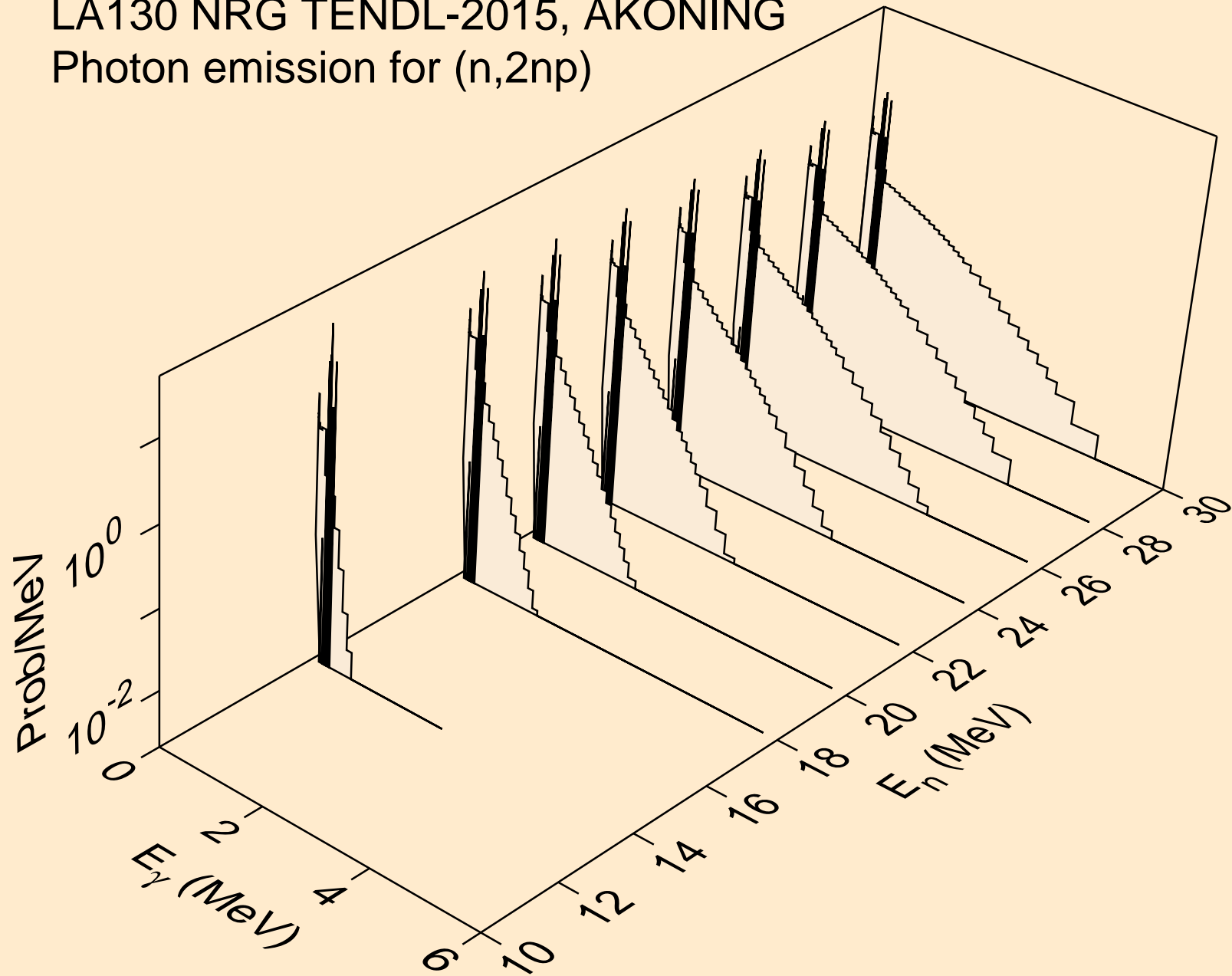


LA130 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

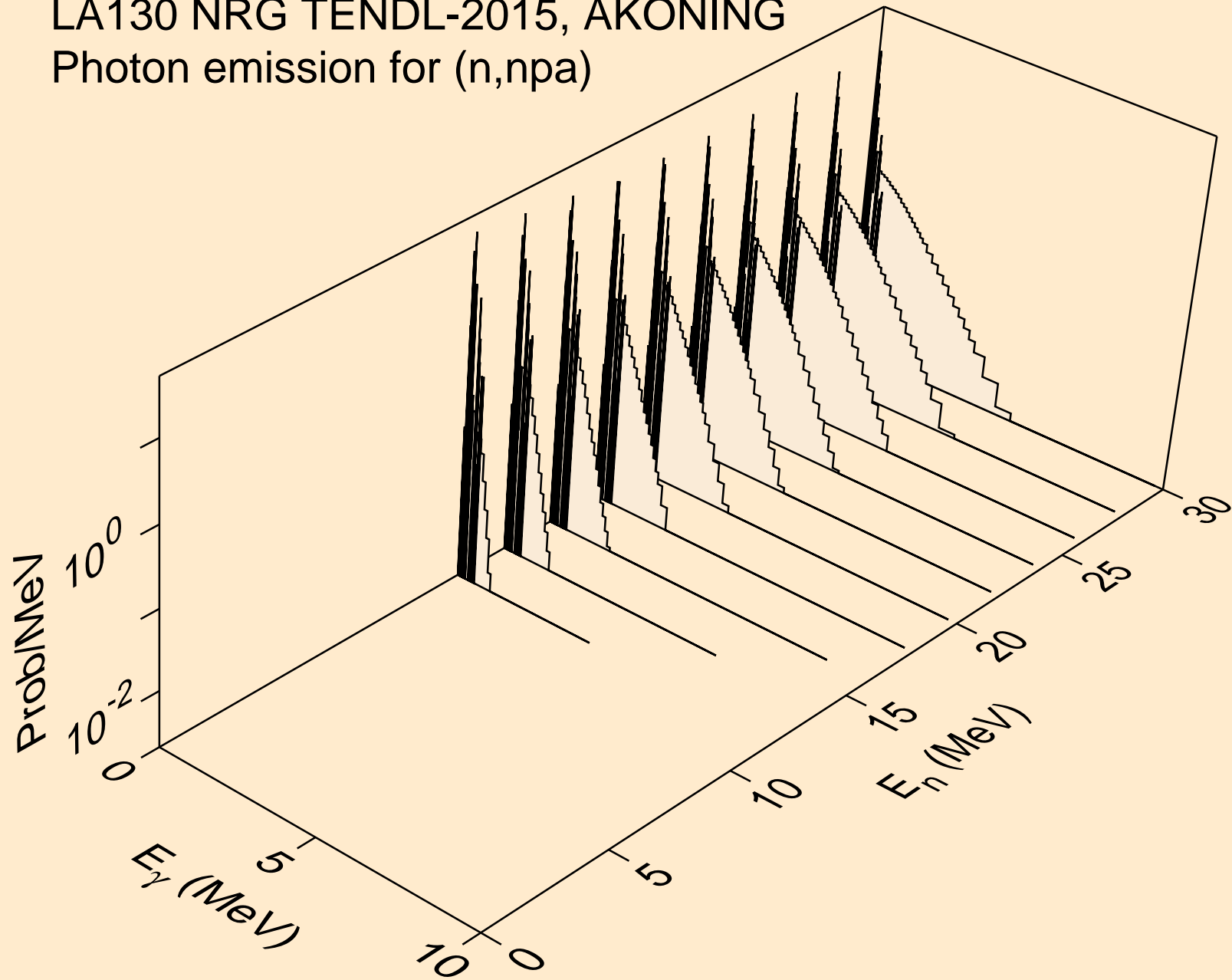




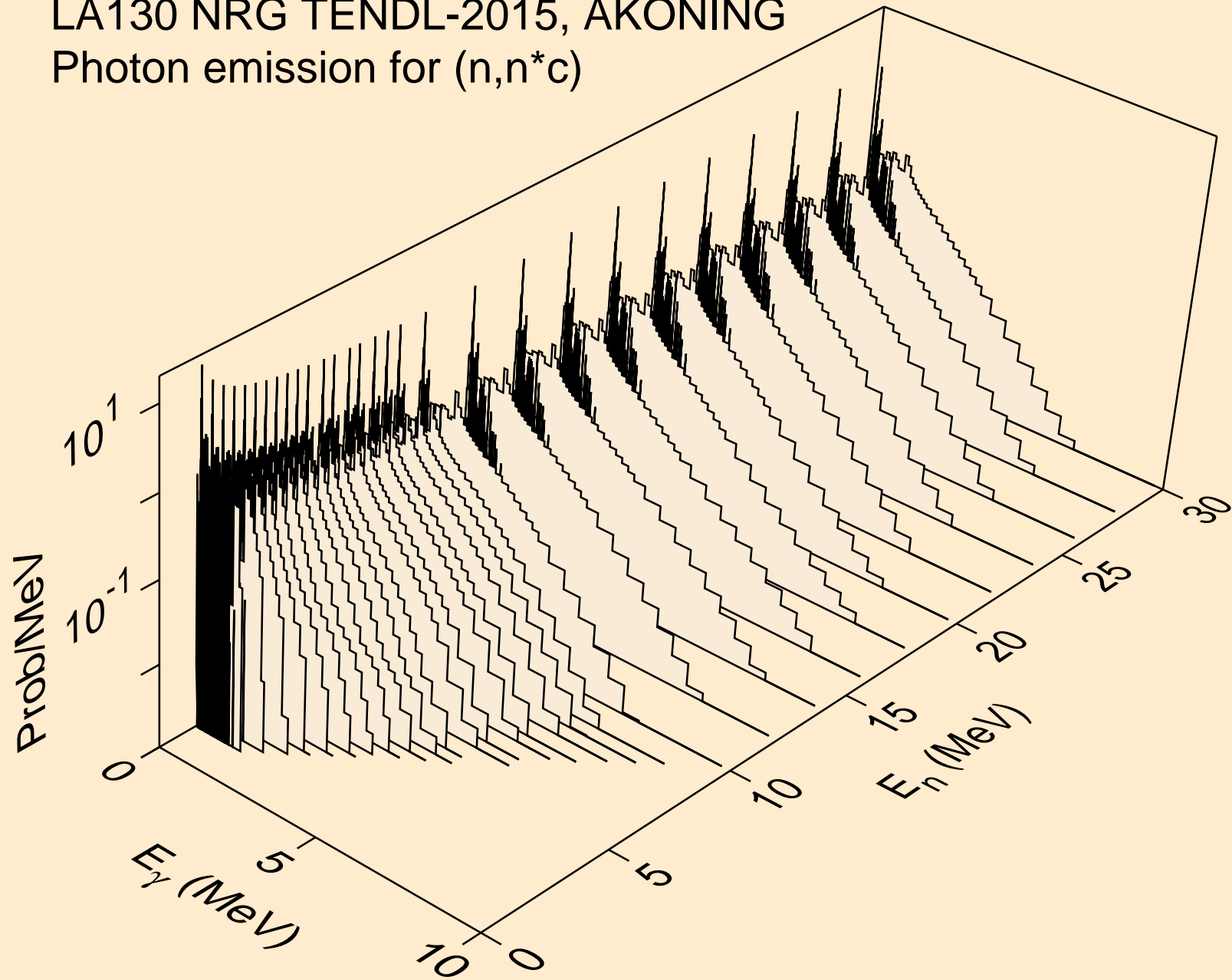
LA130 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



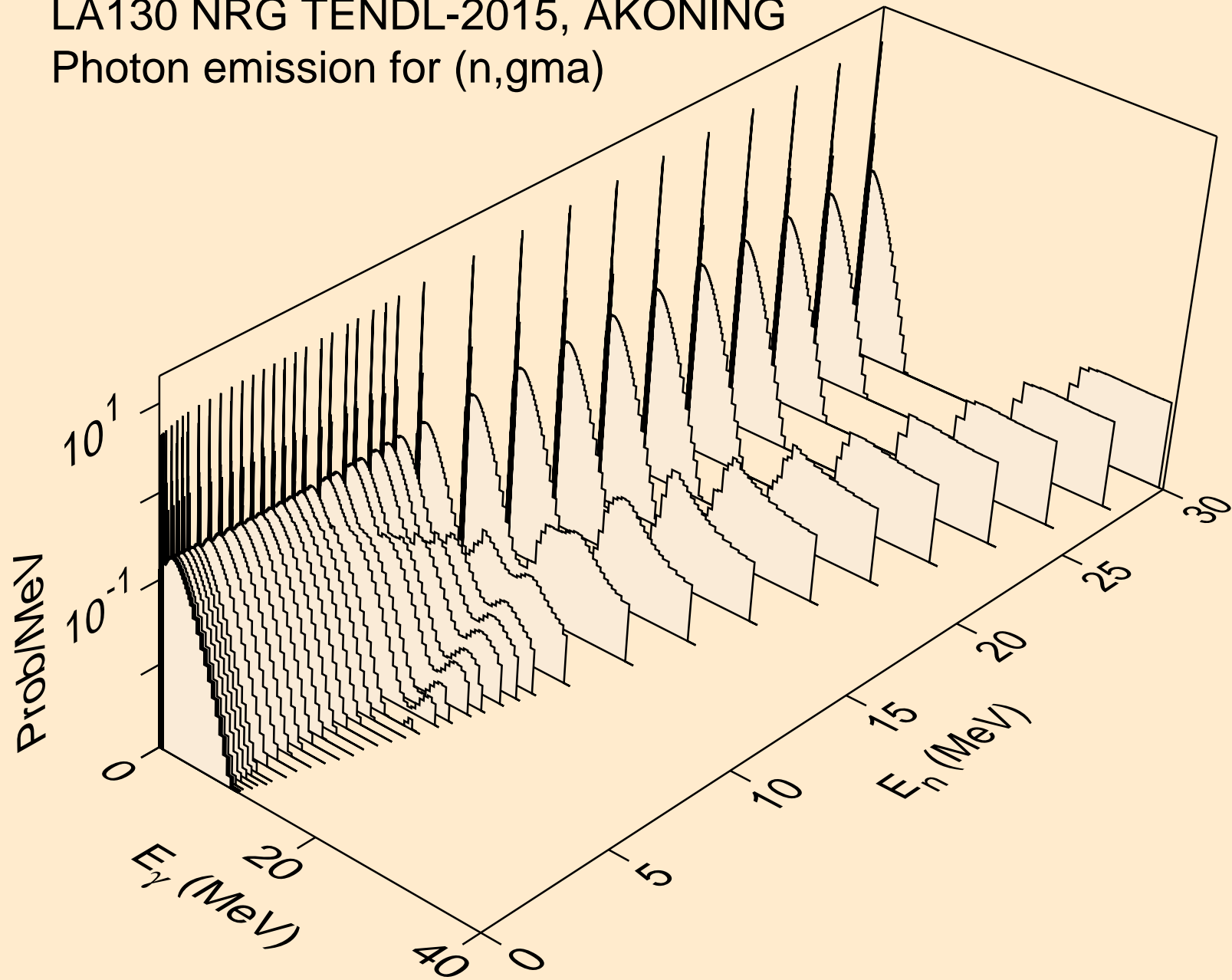
LA130 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



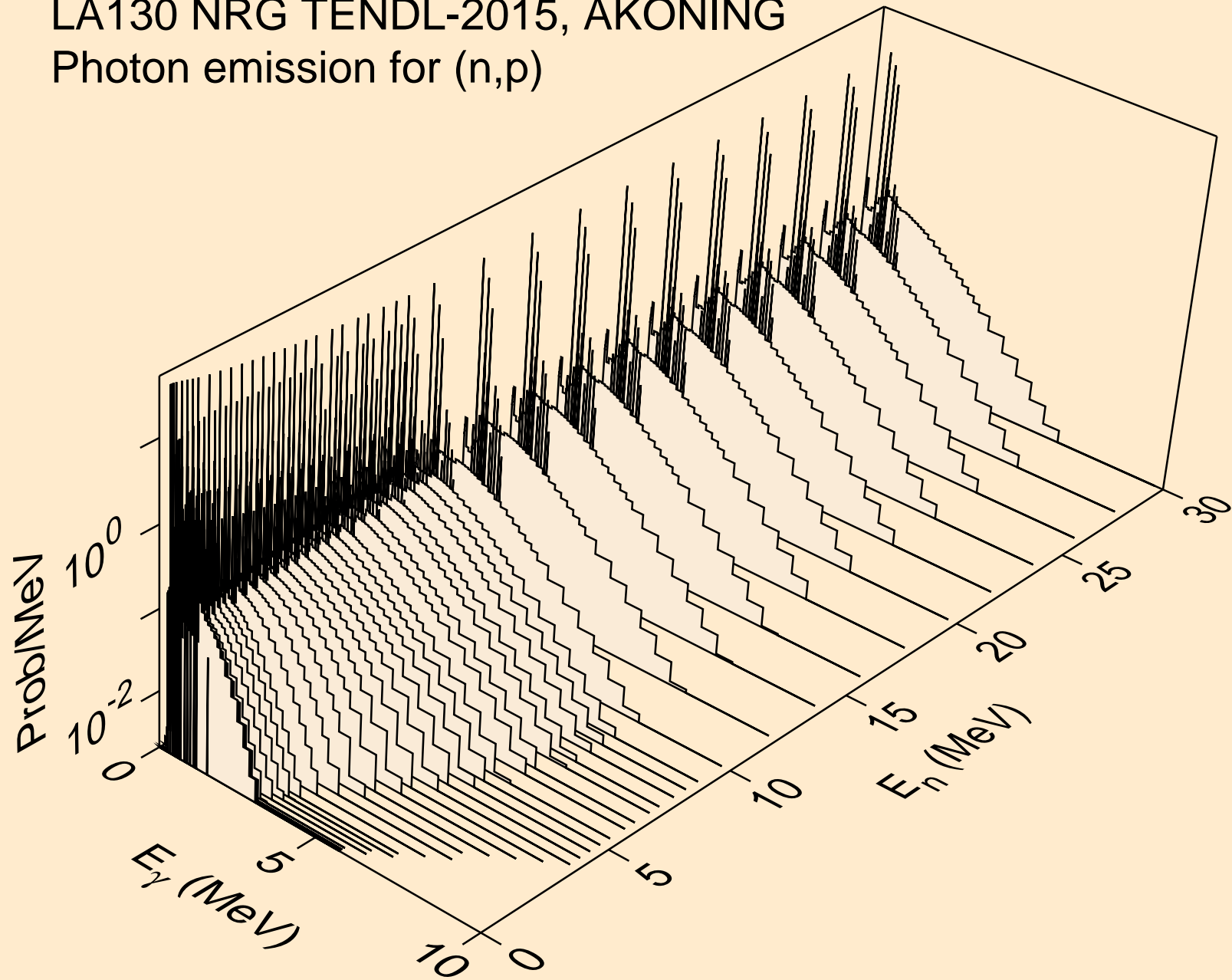
LA130 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



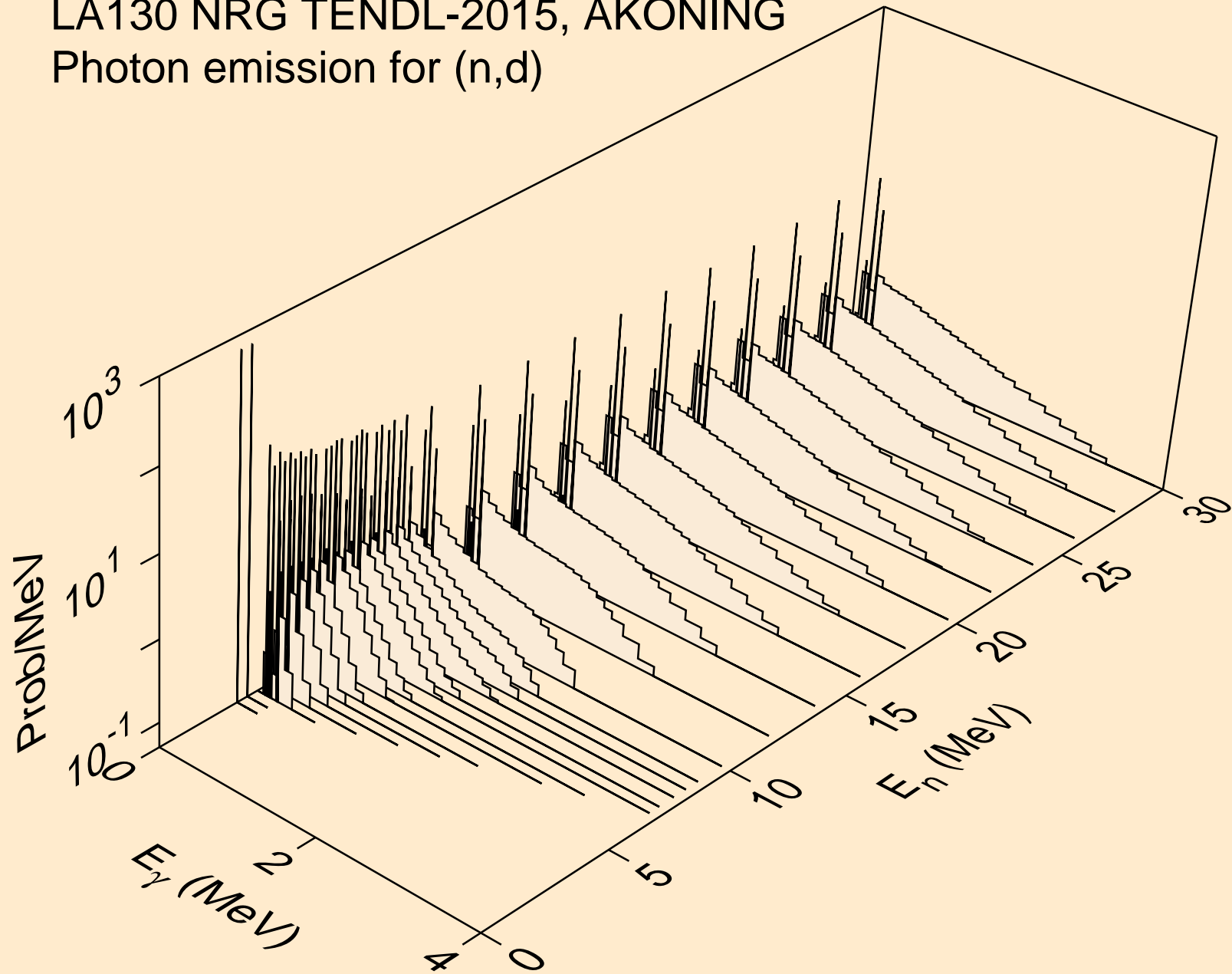
LA130 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



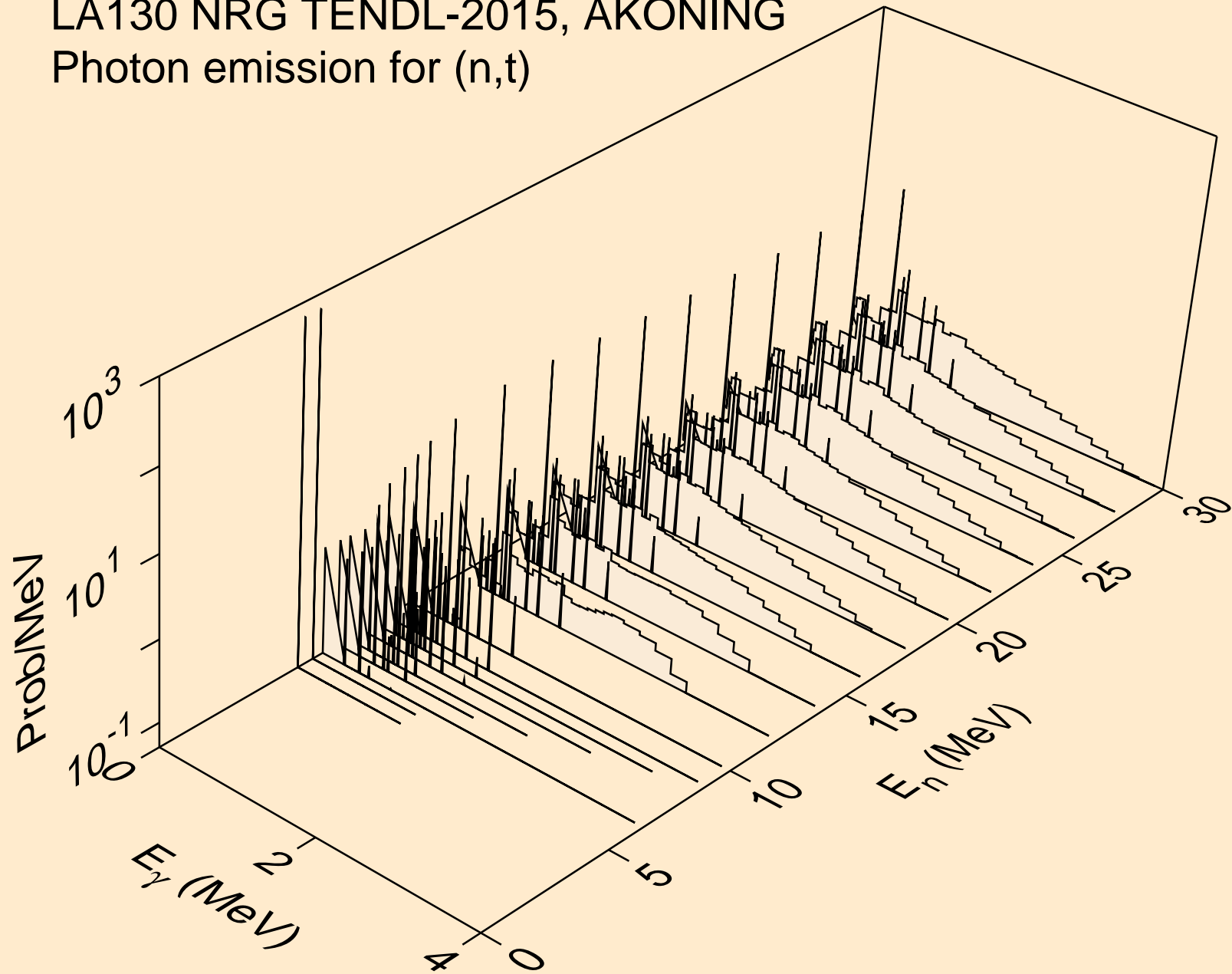
LA130 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



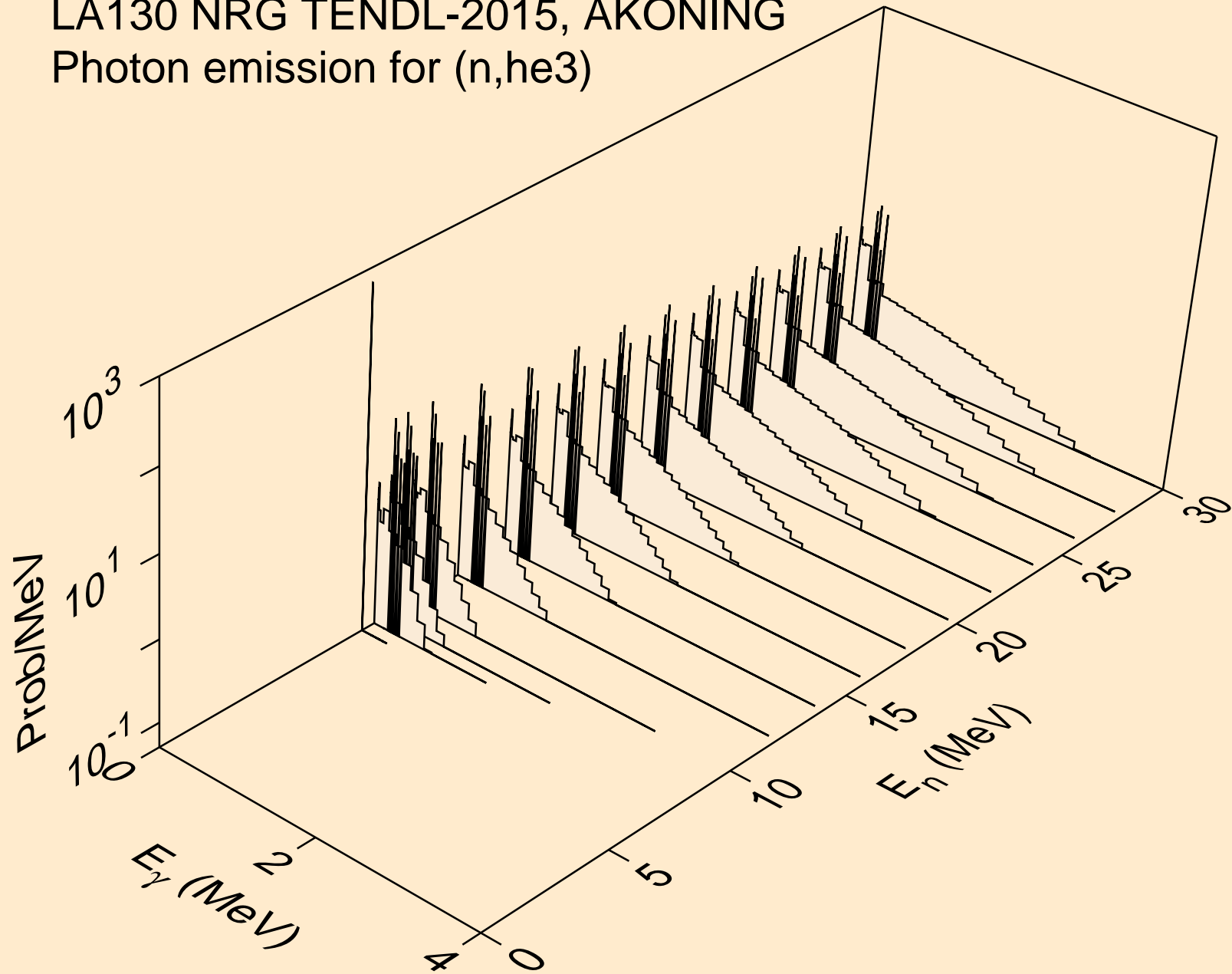
LA130 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



LA130 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

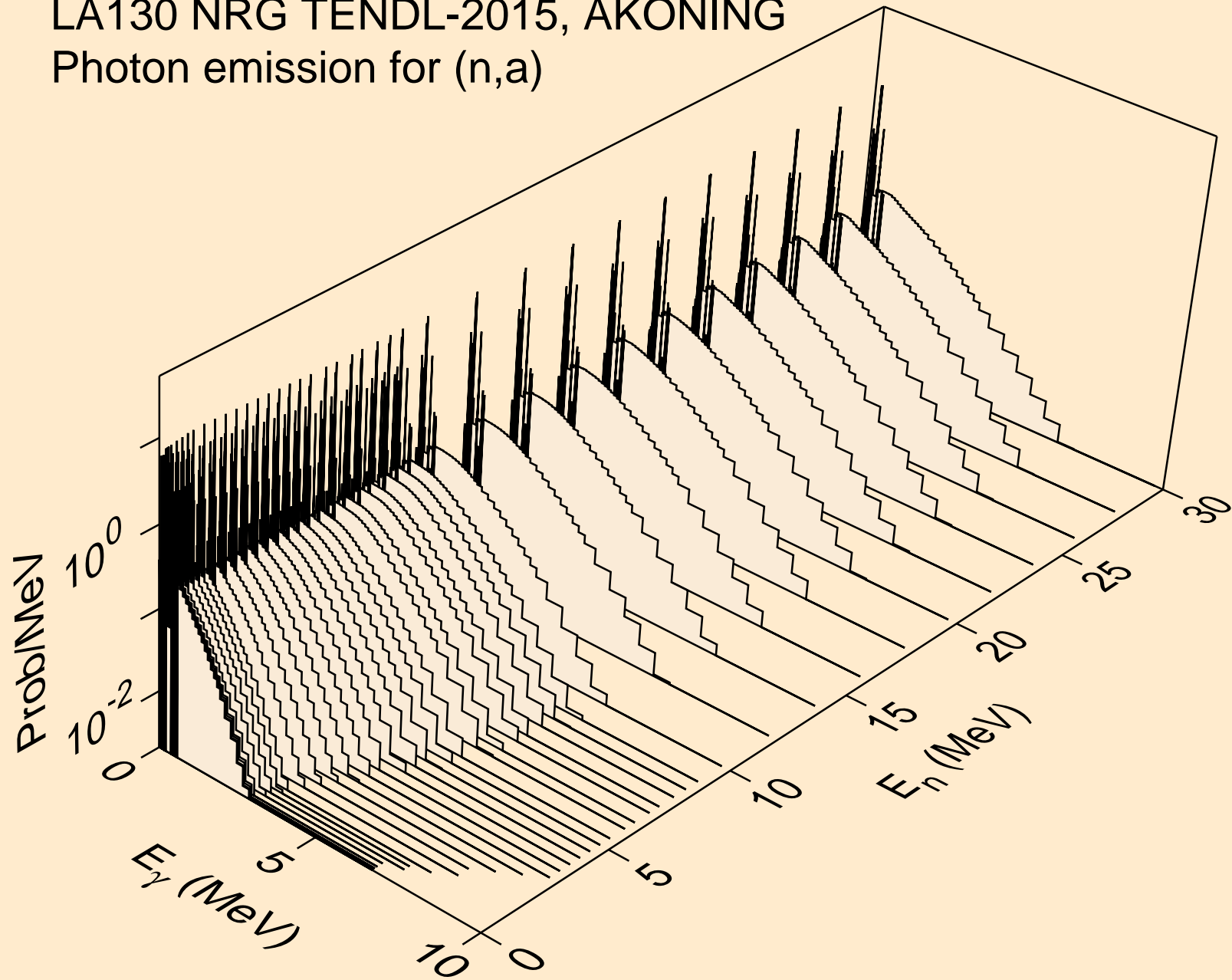


LA130 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

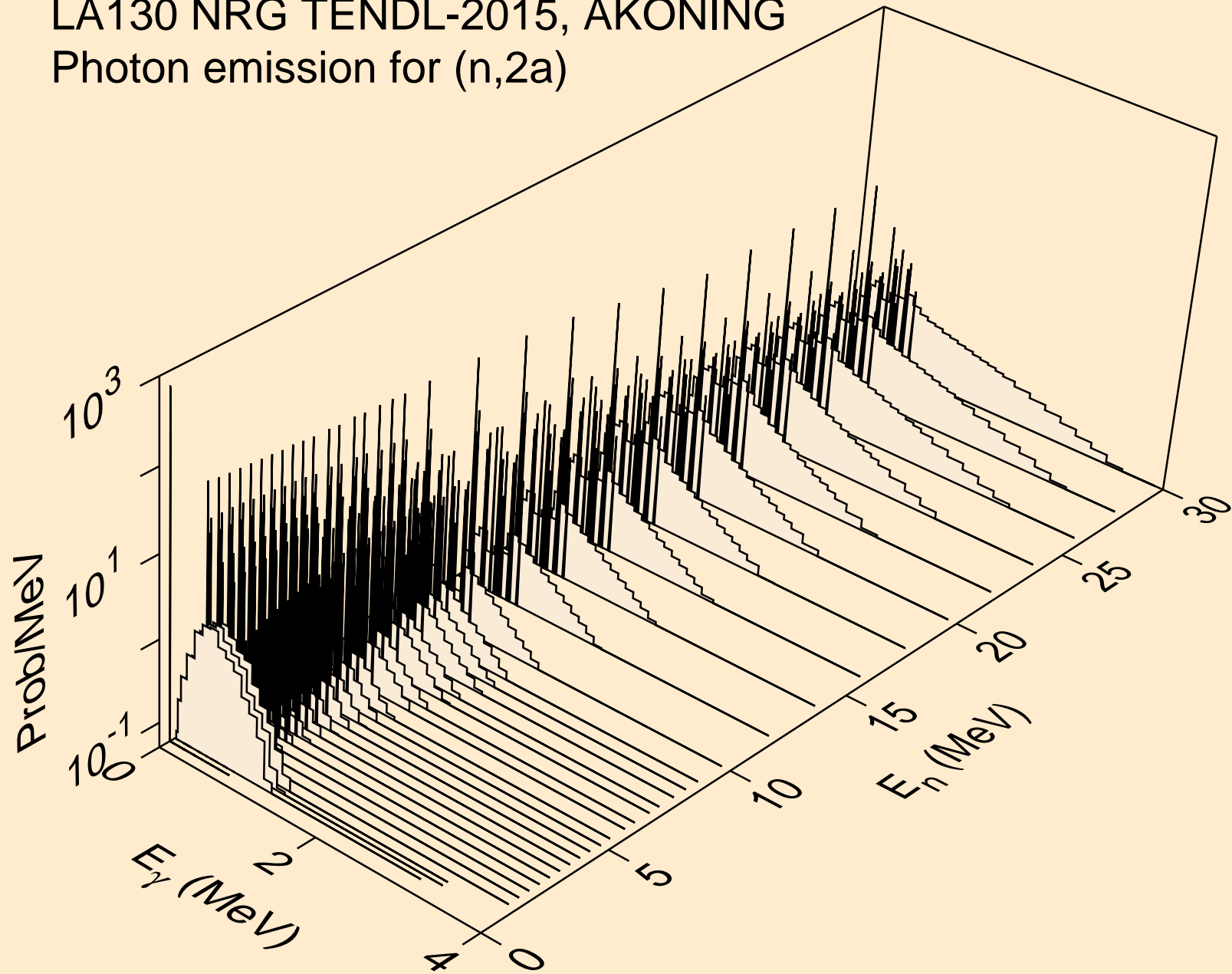




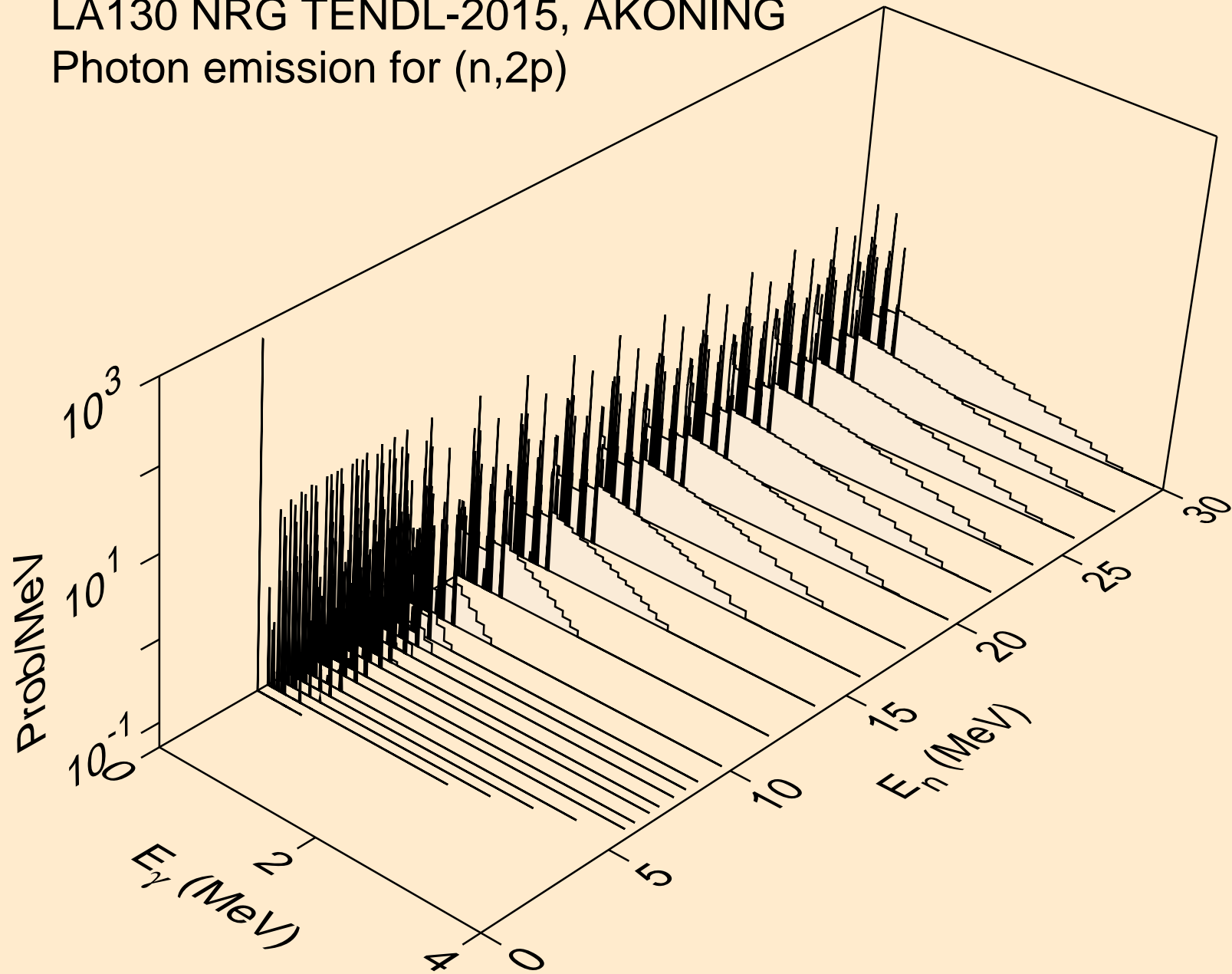
LA130 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



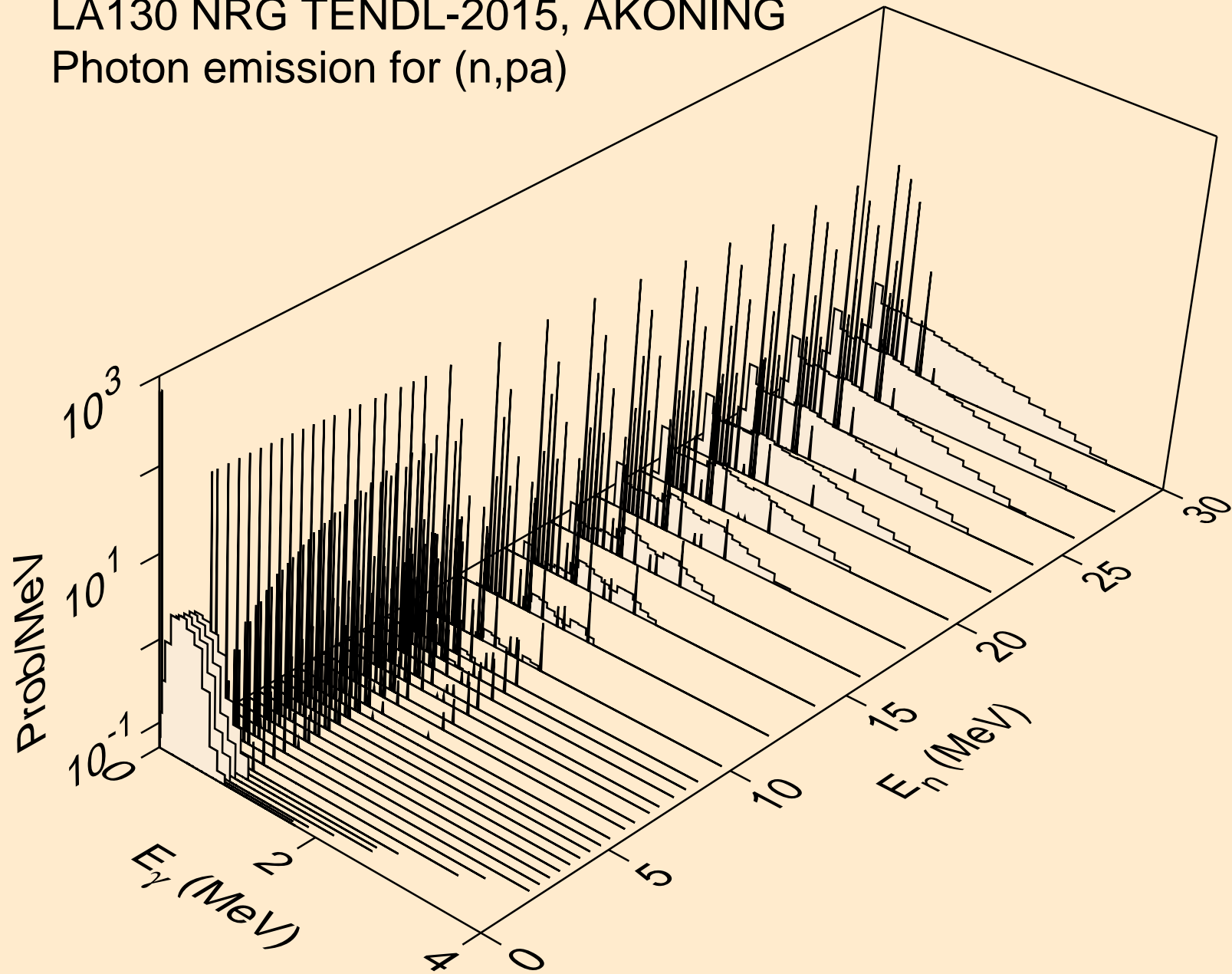
LA130 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



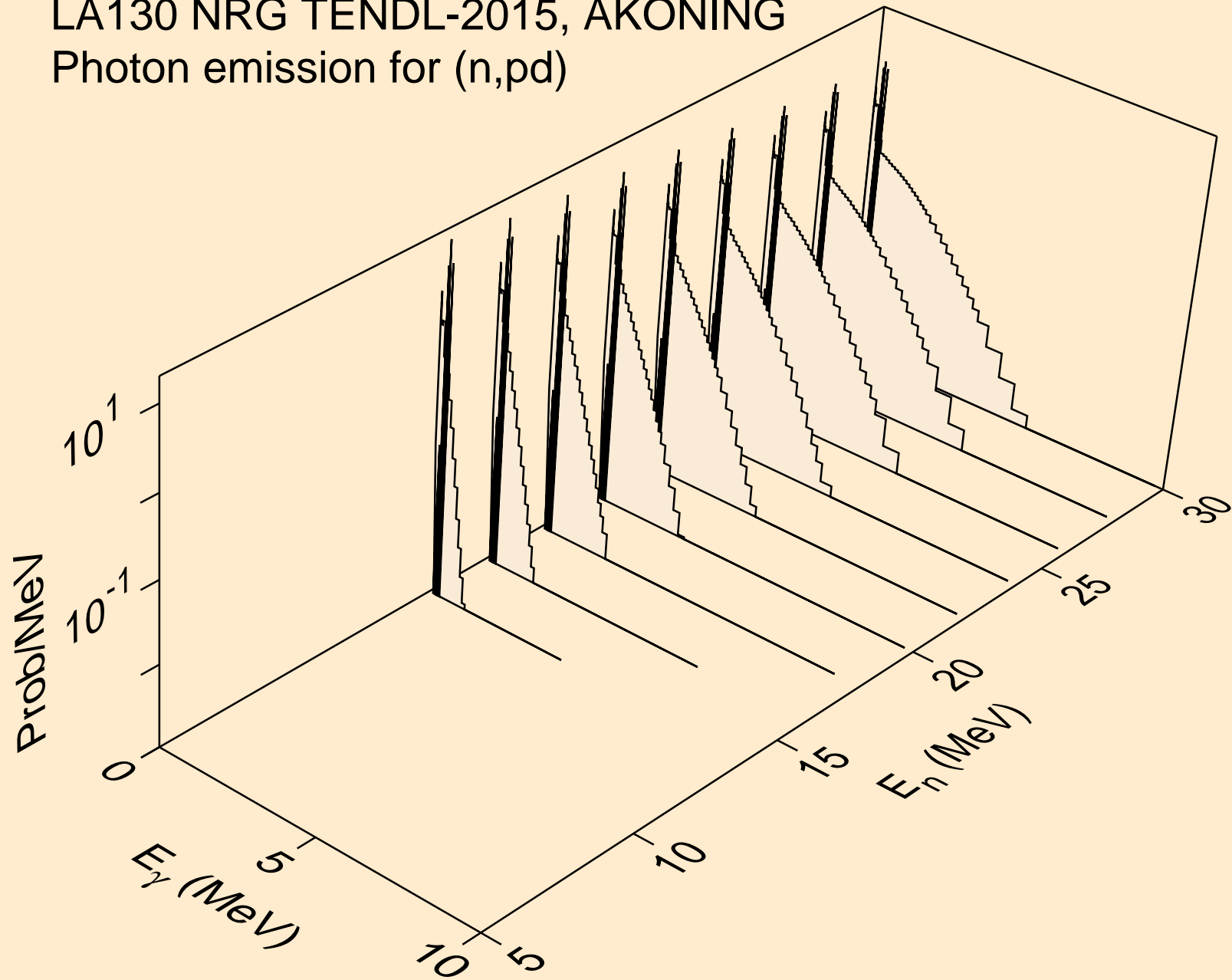
LA130 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



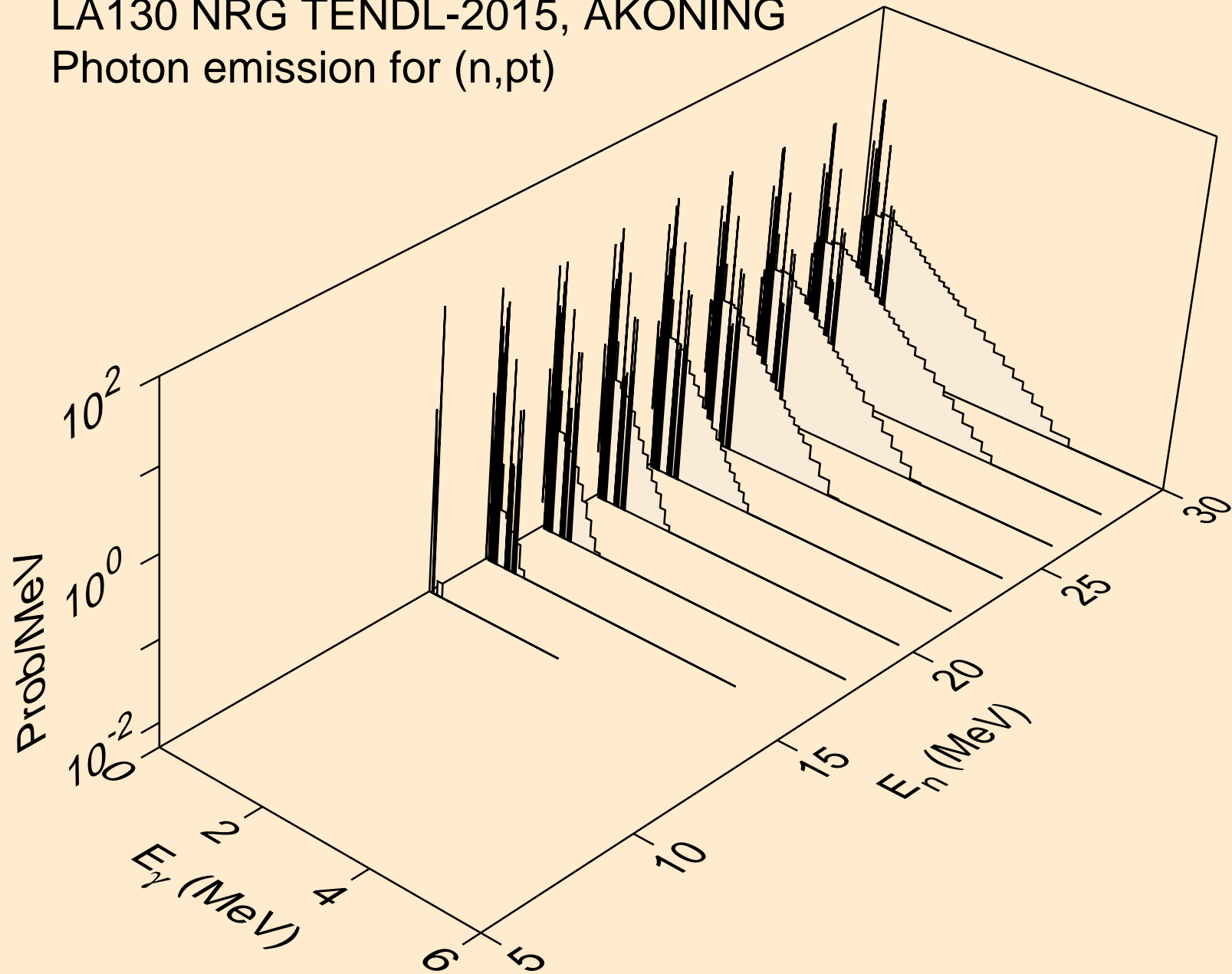
LA130 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



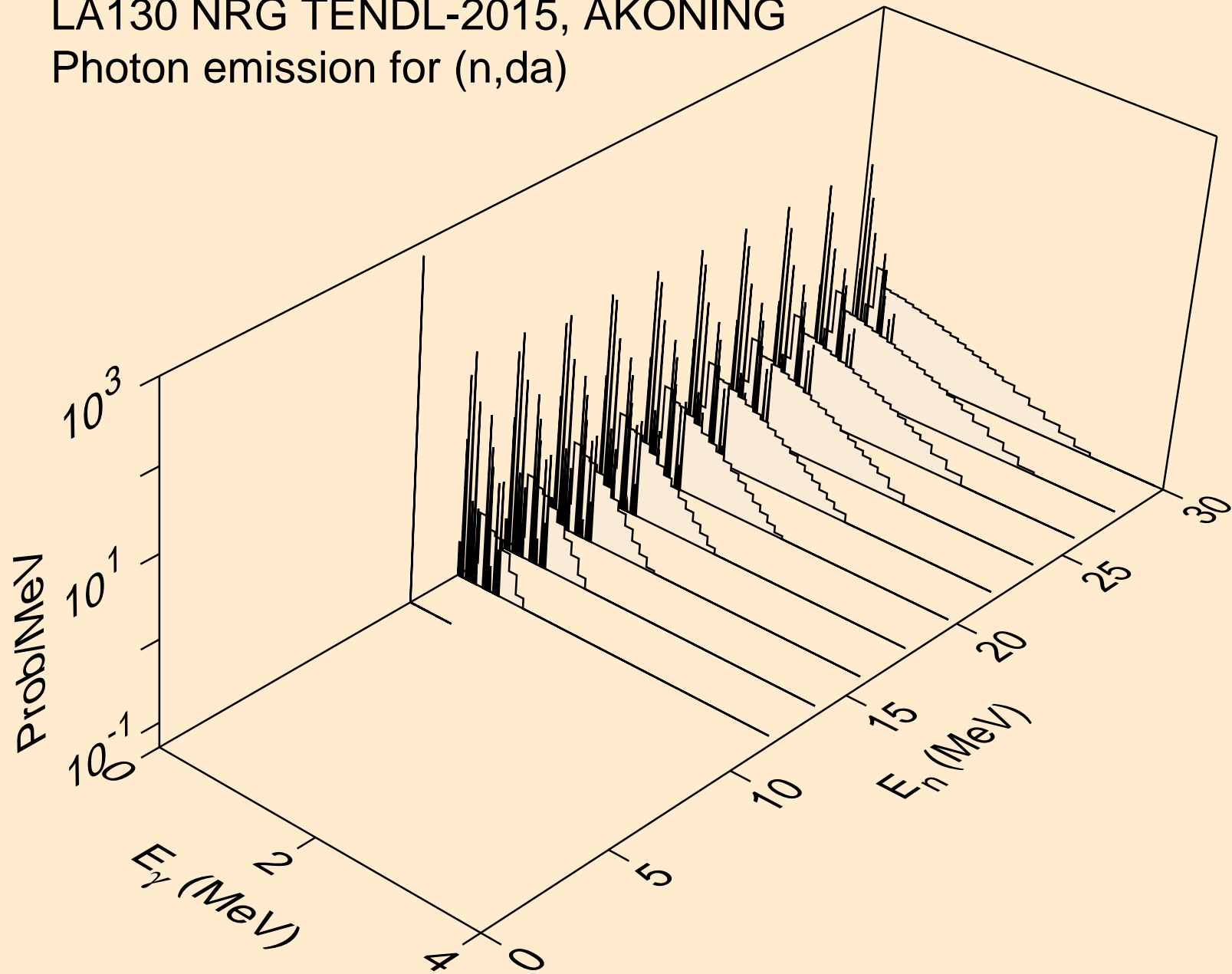
LA130 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



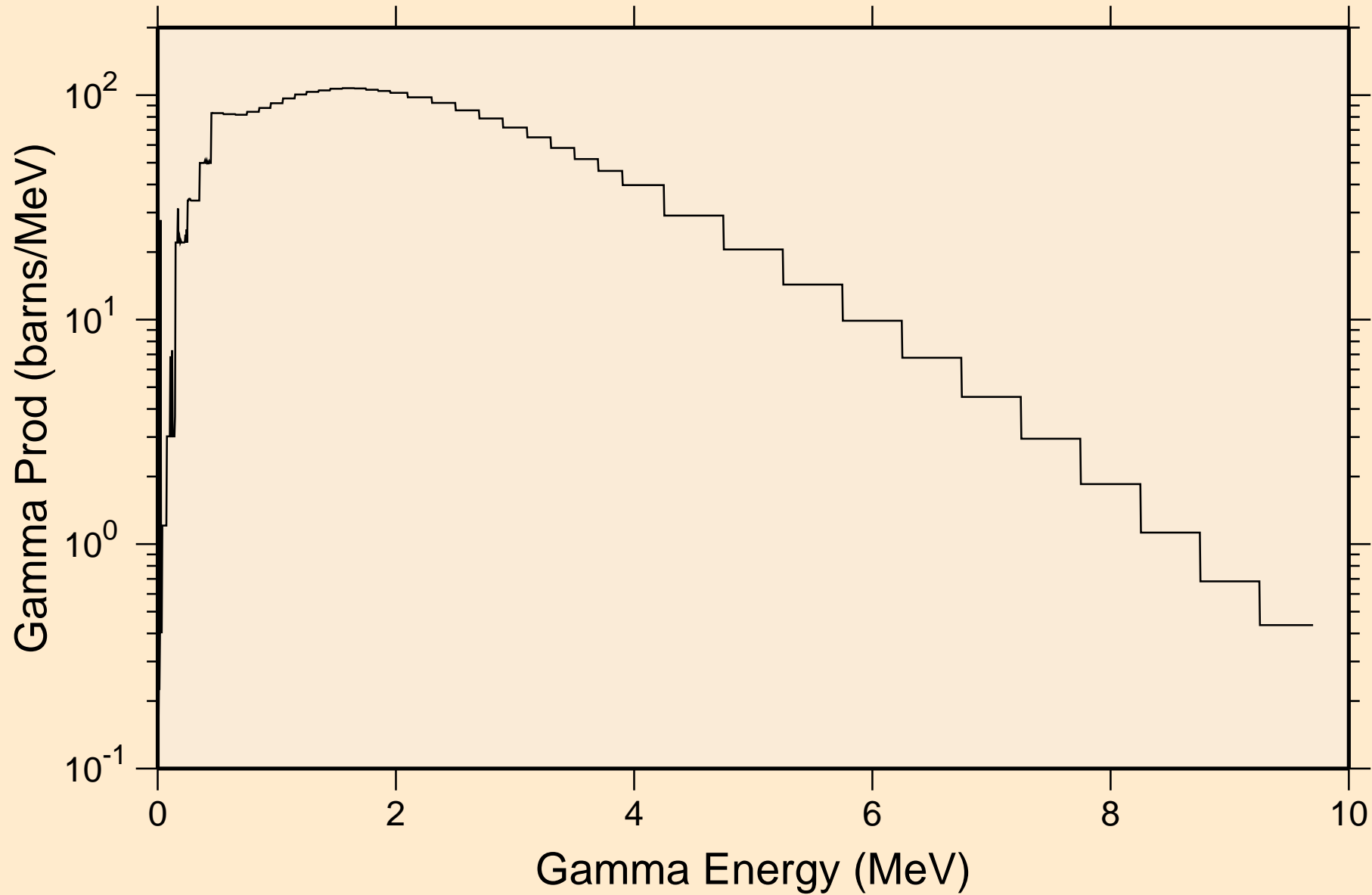
LA130 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



LA130 NRG TENDL-2015, AKONING  
Photon emission for (n,da)

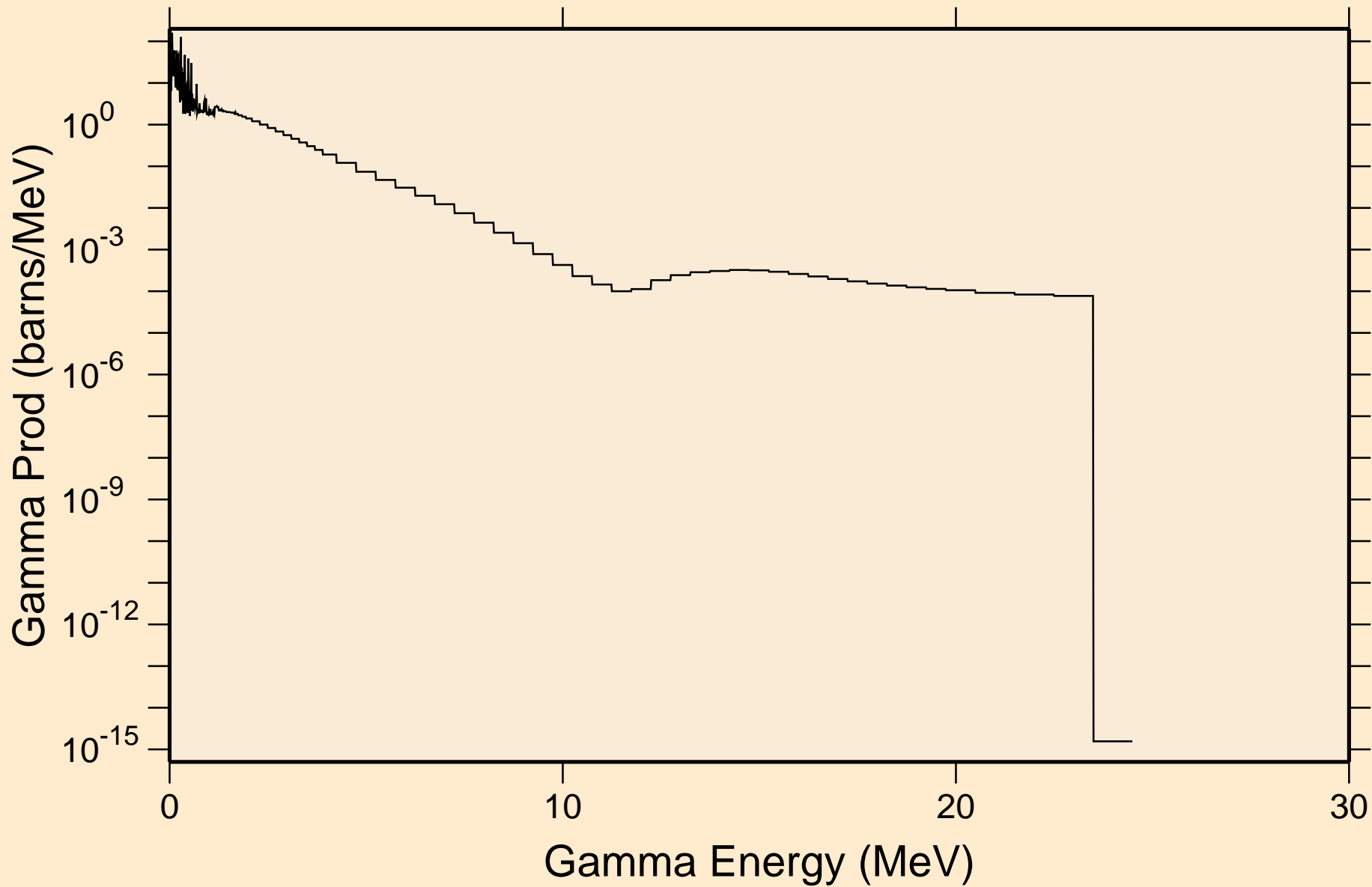


LA130 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



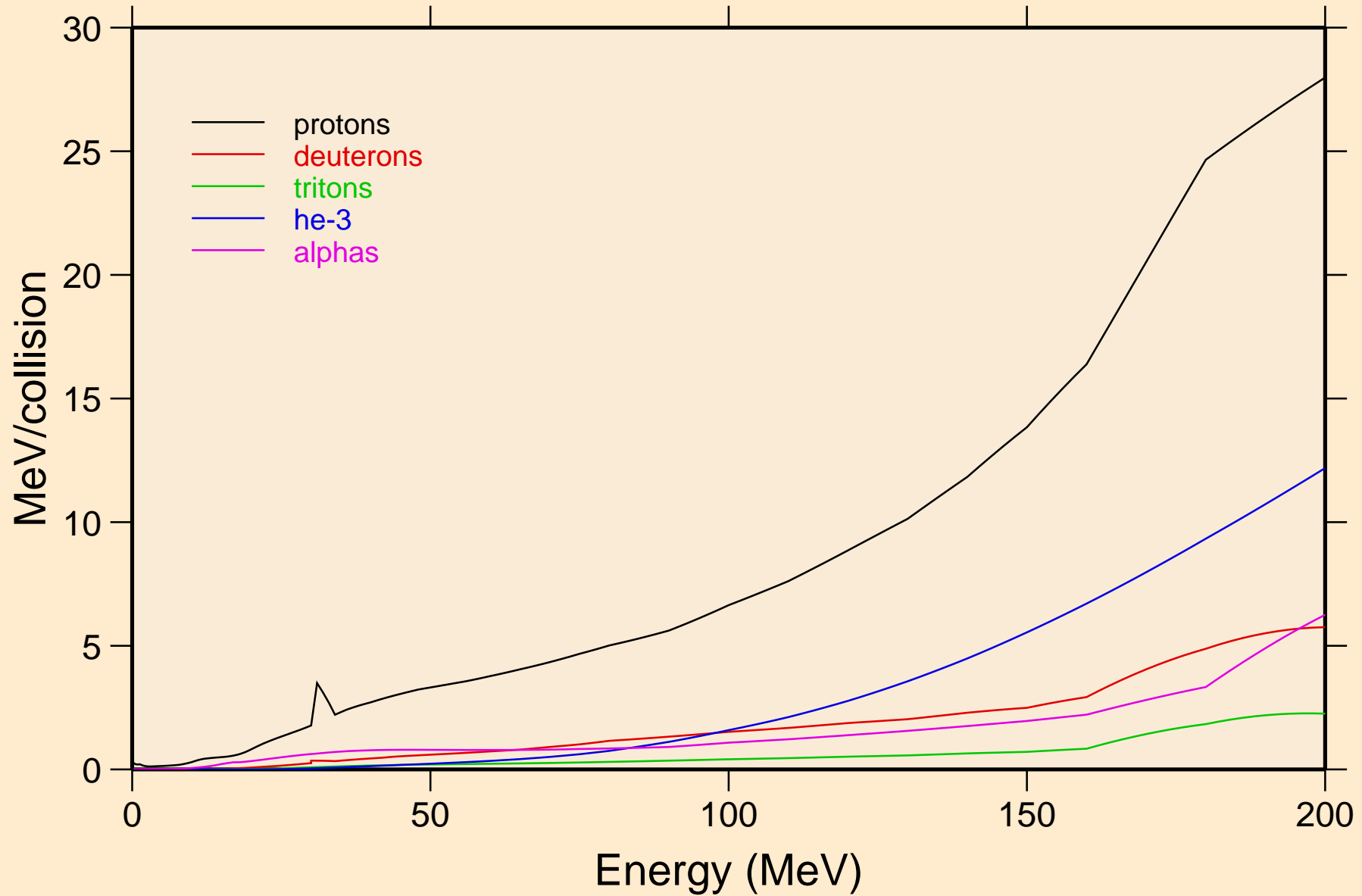


LA130 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



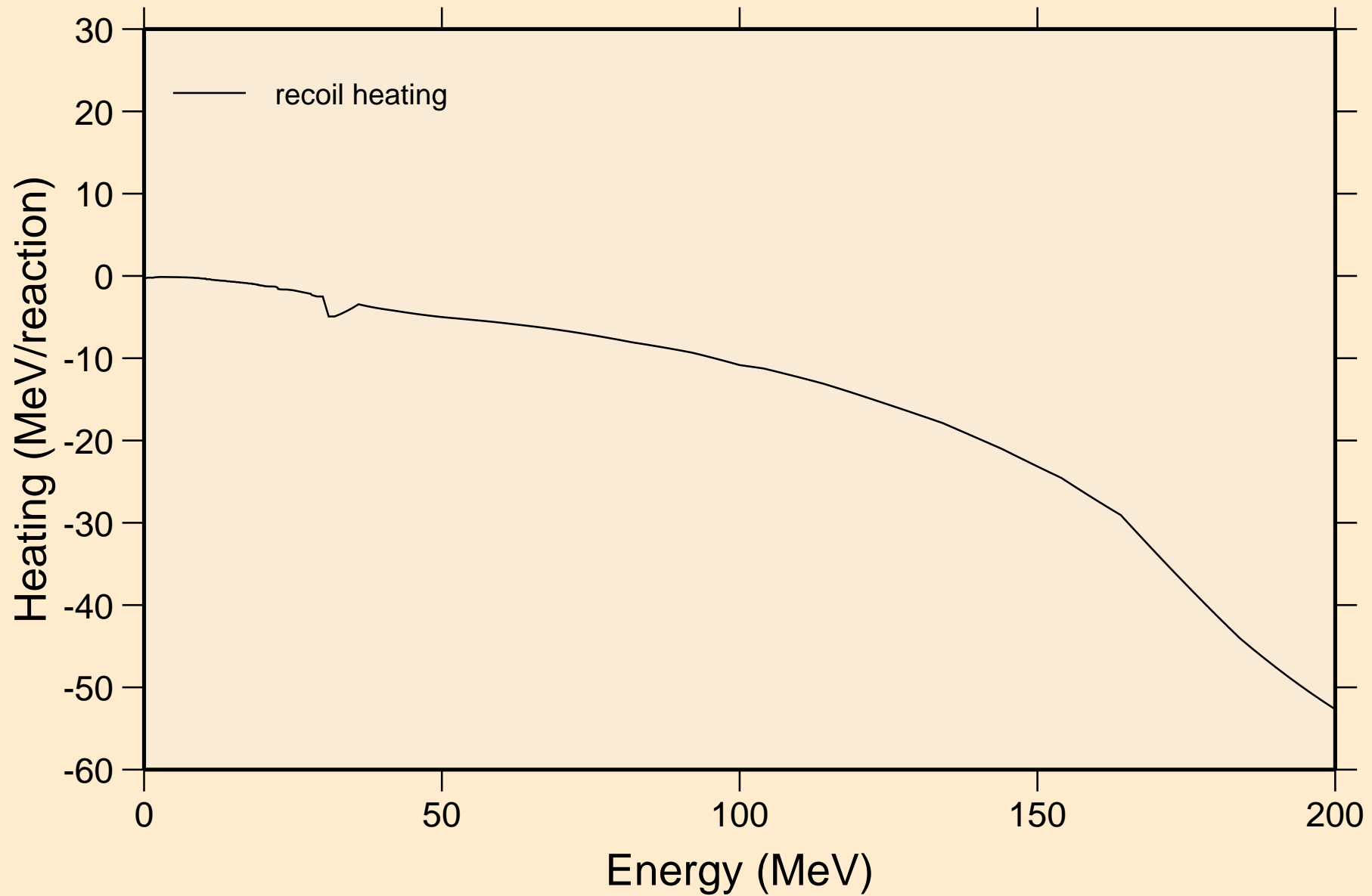
# LA130 NRG TENDL-2015, AKONING

## Particle heating contributions



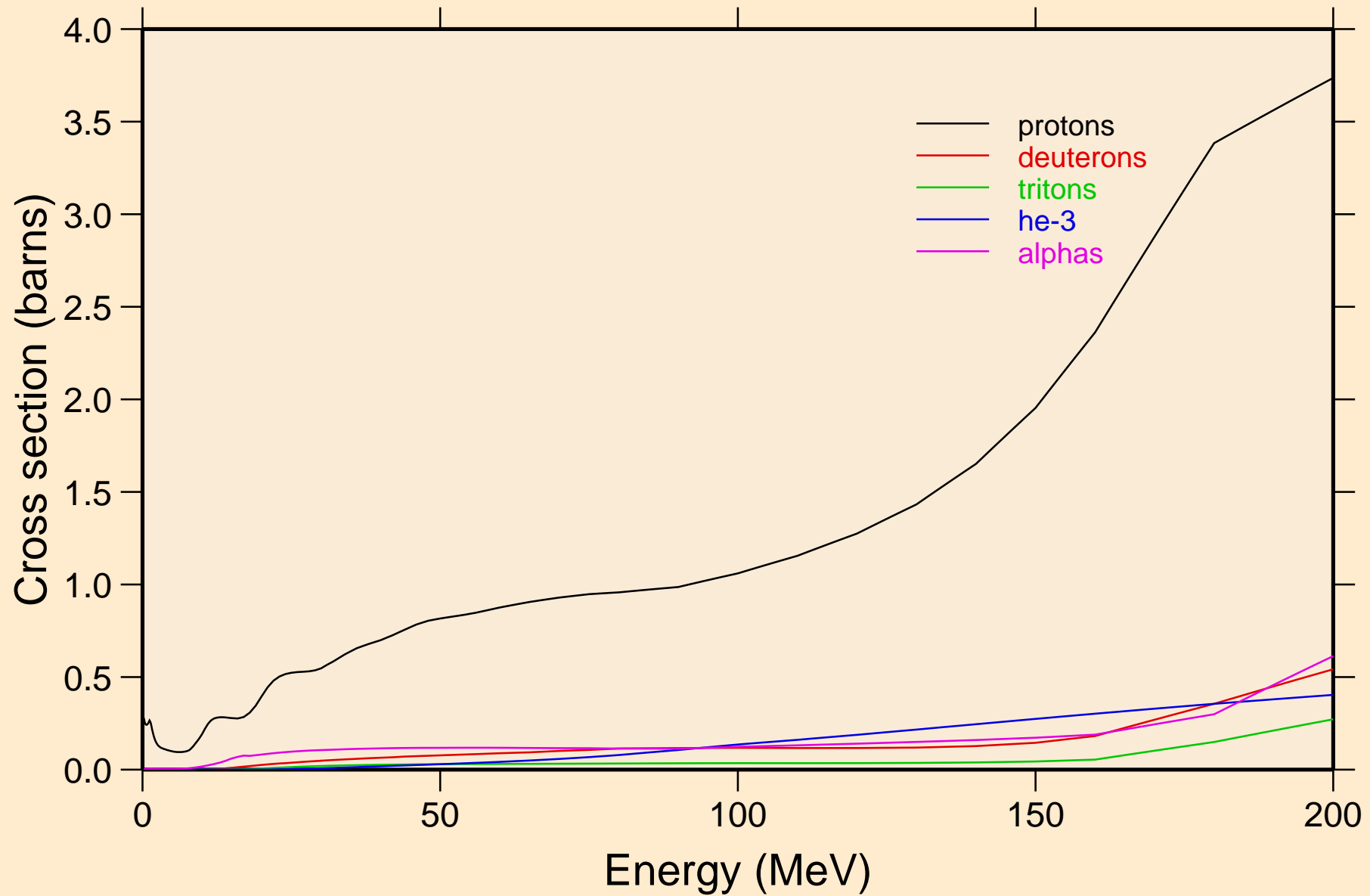
# LA130 NRG TENDL-2015, AKONING

## Recoil Heating

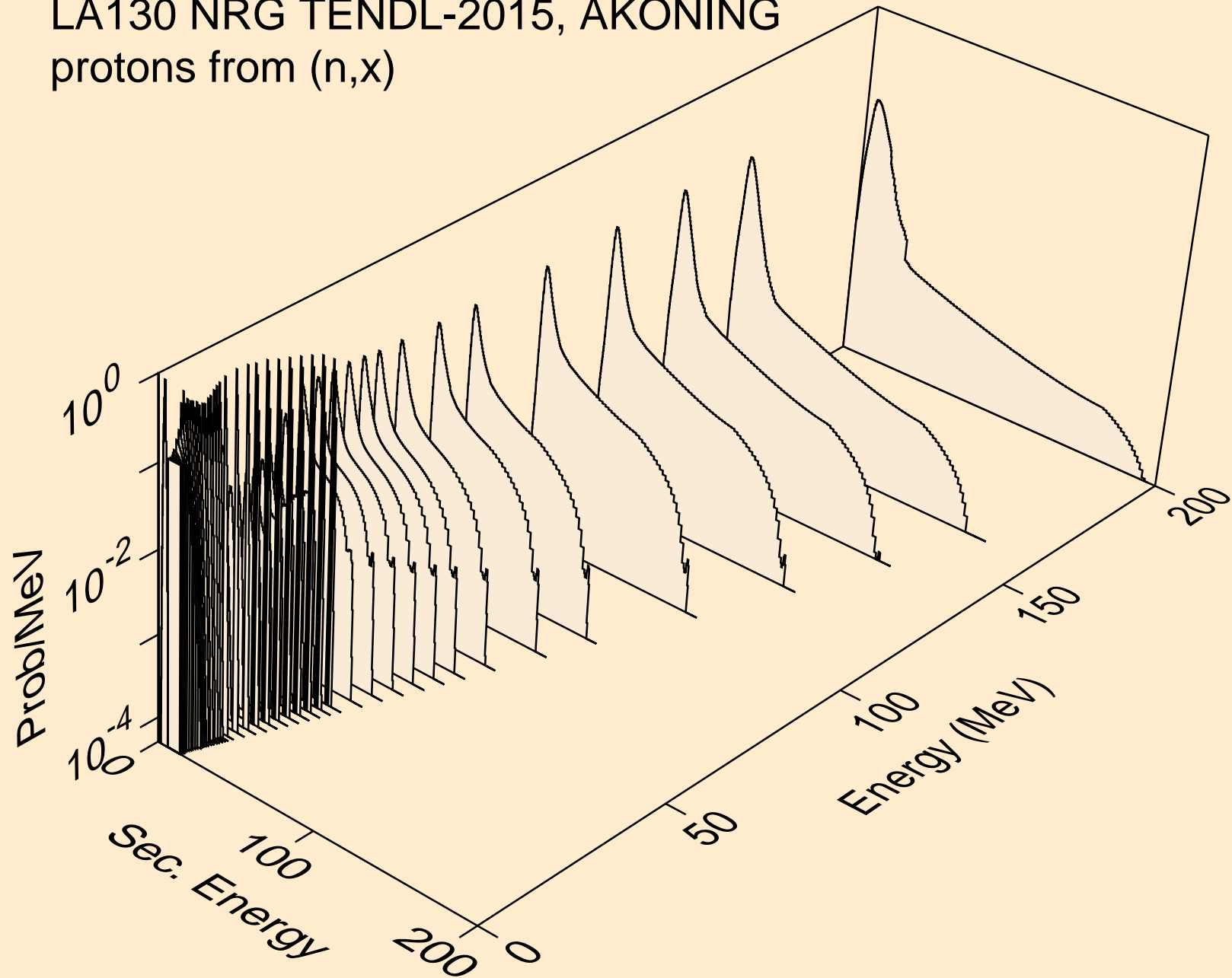


# LA130 NRG TENDL-2015, AKONING

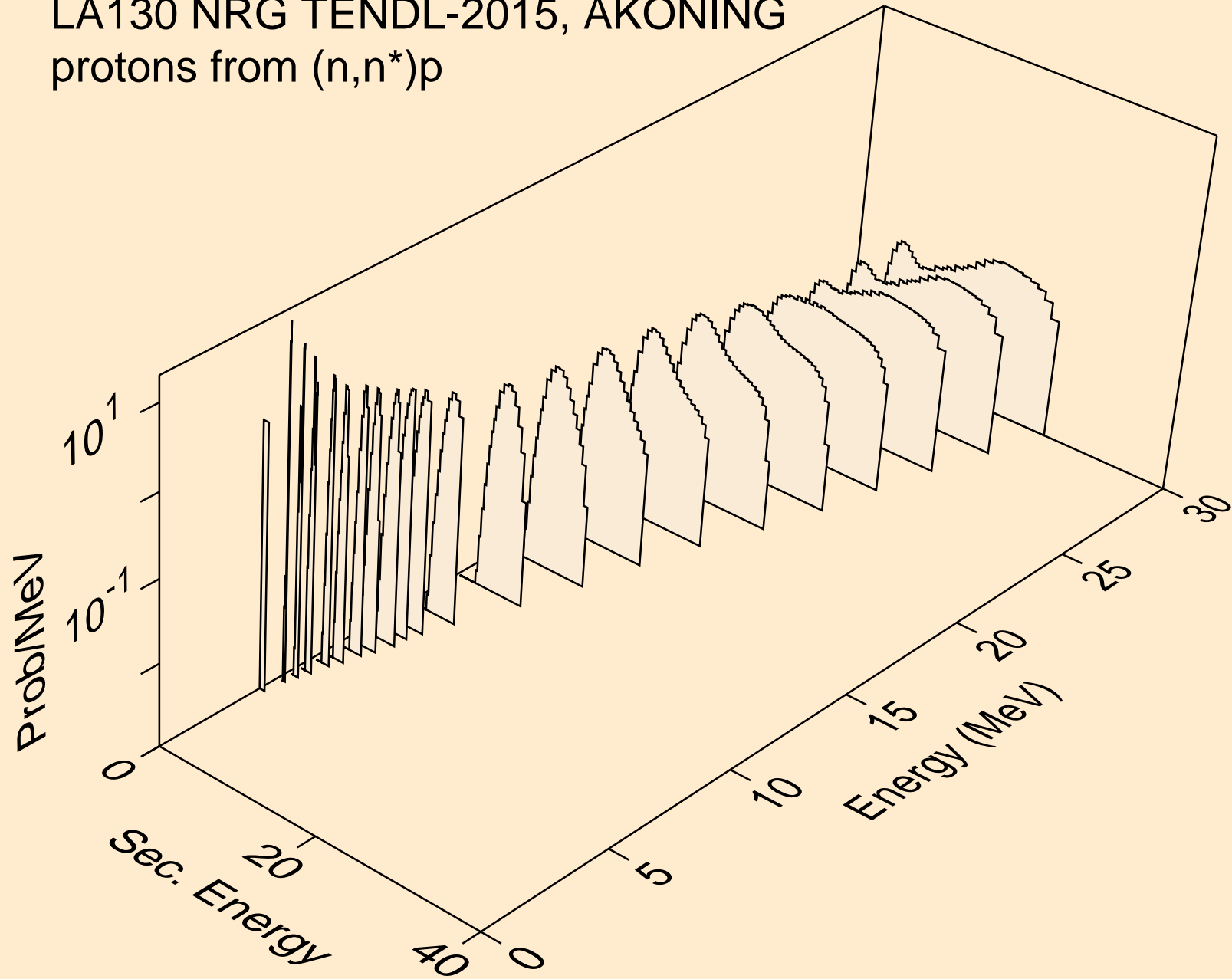
## Particle production cross sections



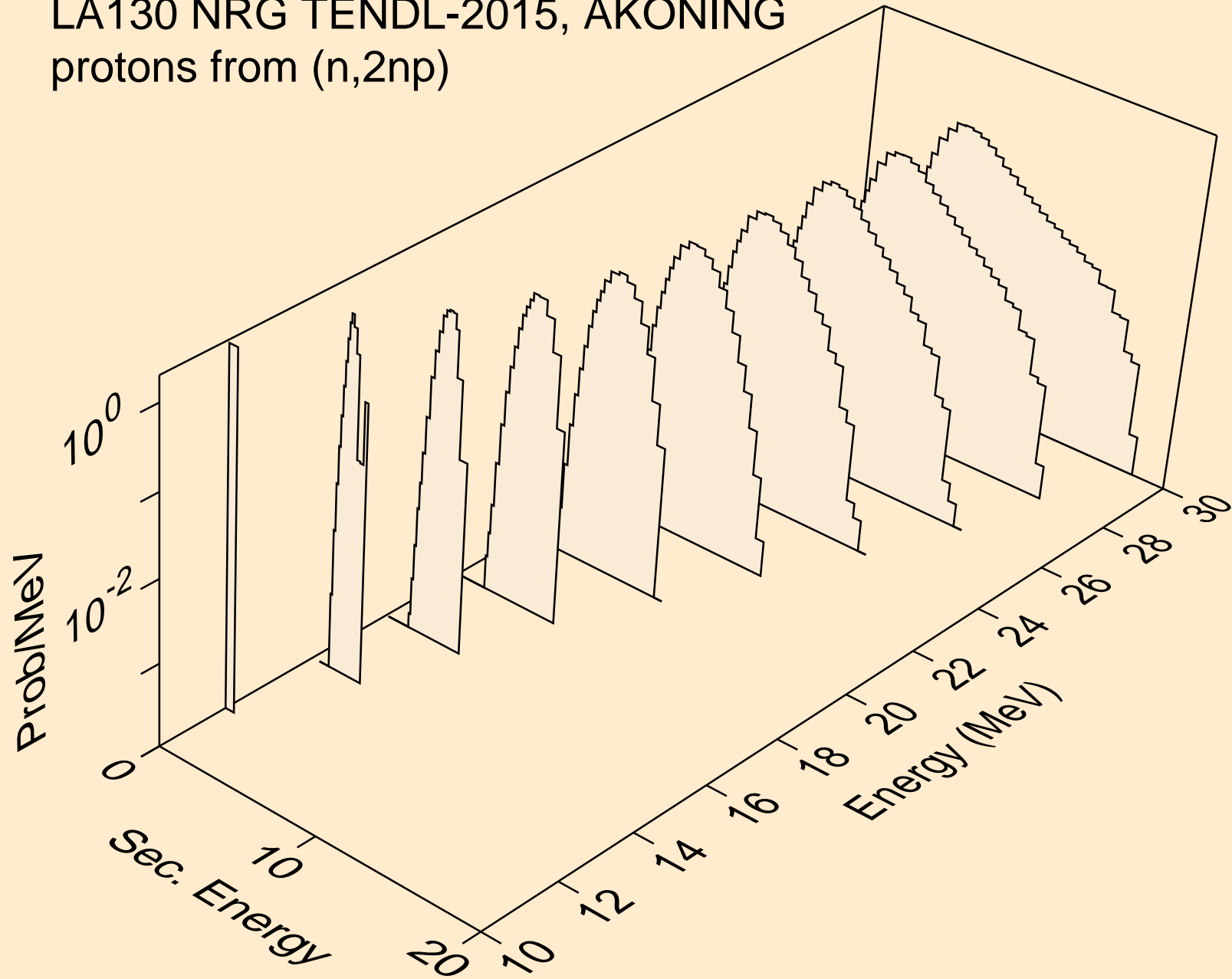
LA130 NRG TENDL-2015, AKONING  
protons from (n,x)



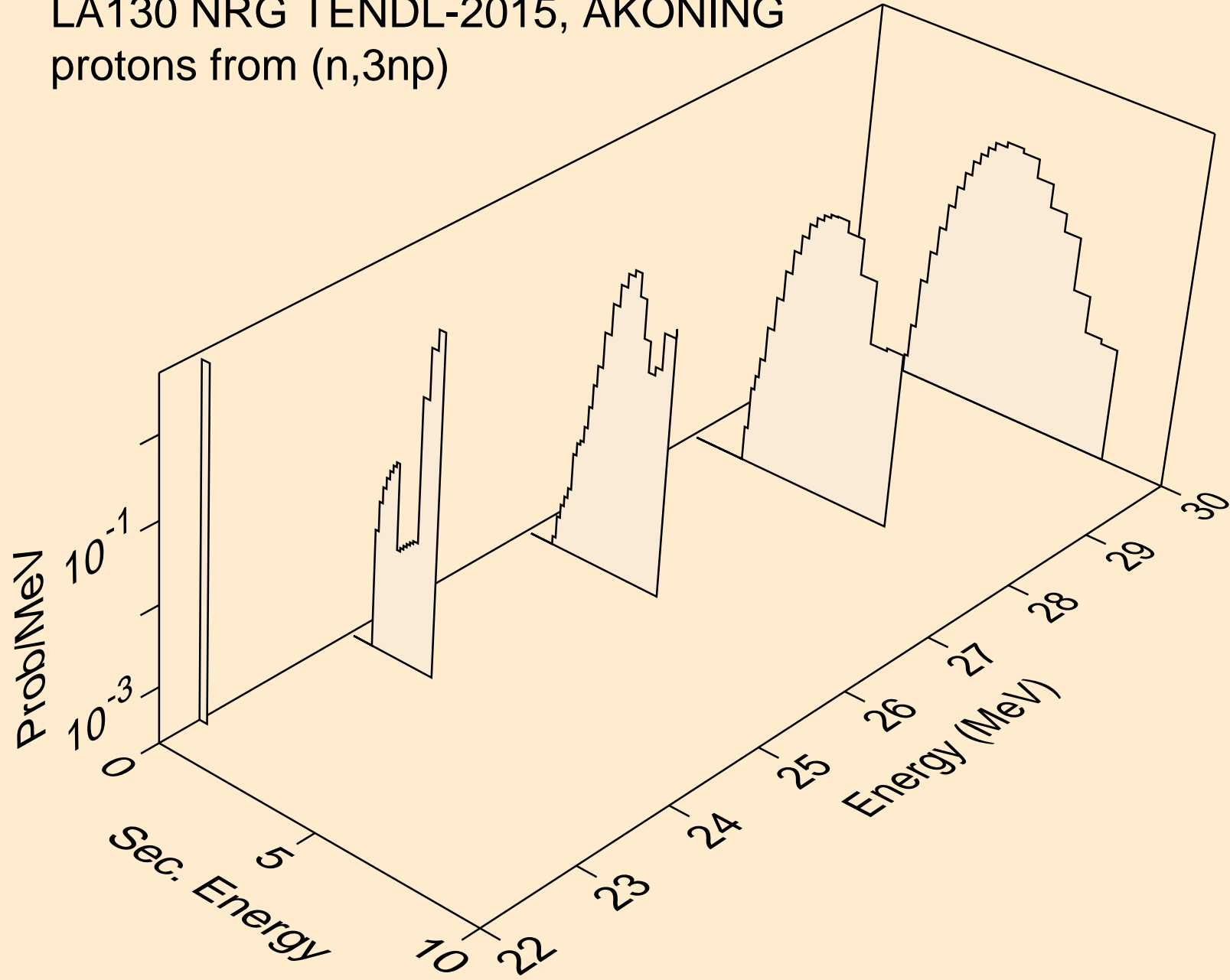
LA130 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



LA130 NRG TENDL-2015, AKONING  
protons from (n,2np)

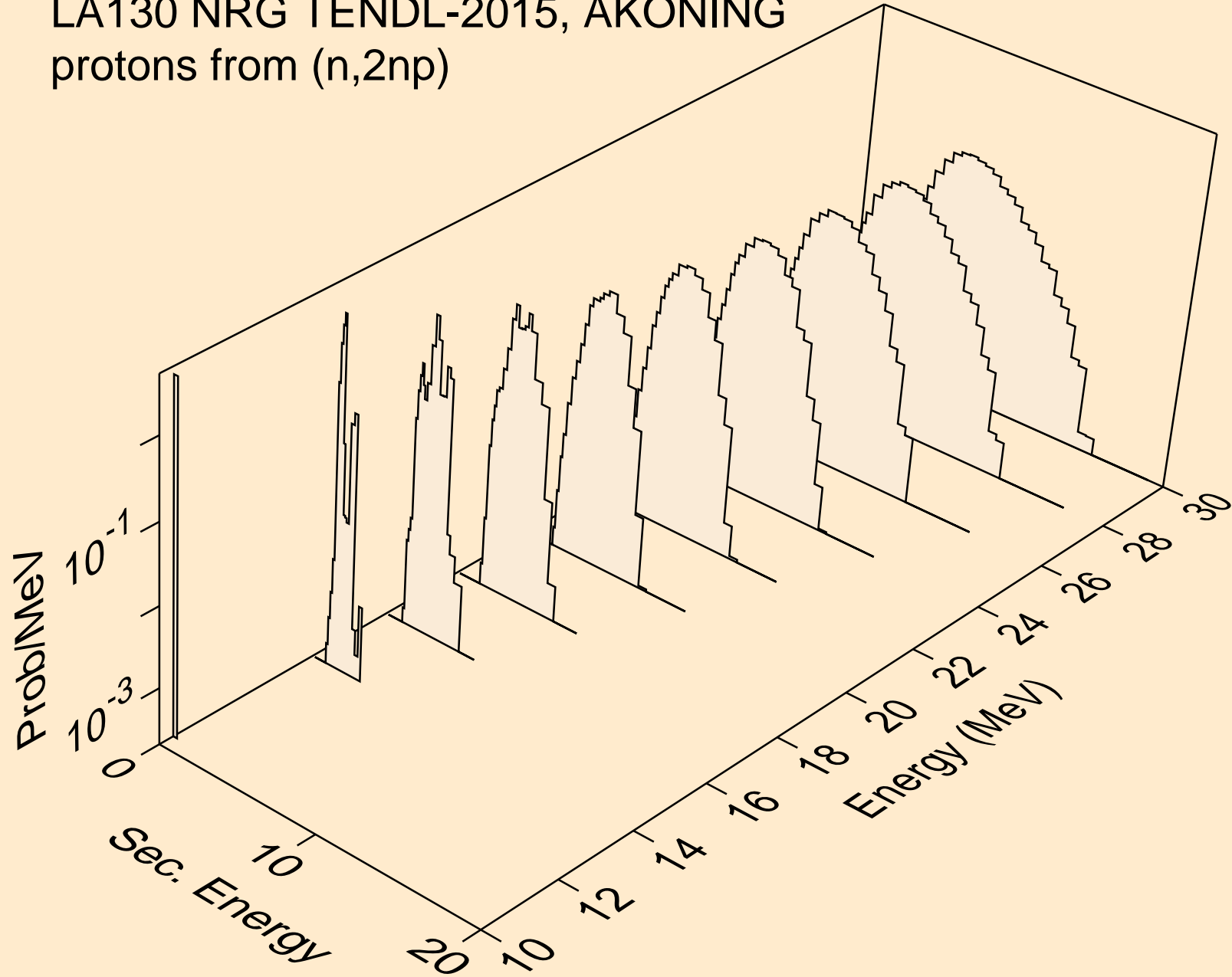


LA130 NRG TENDL-2015, AKONING  
protons from (n,3np)

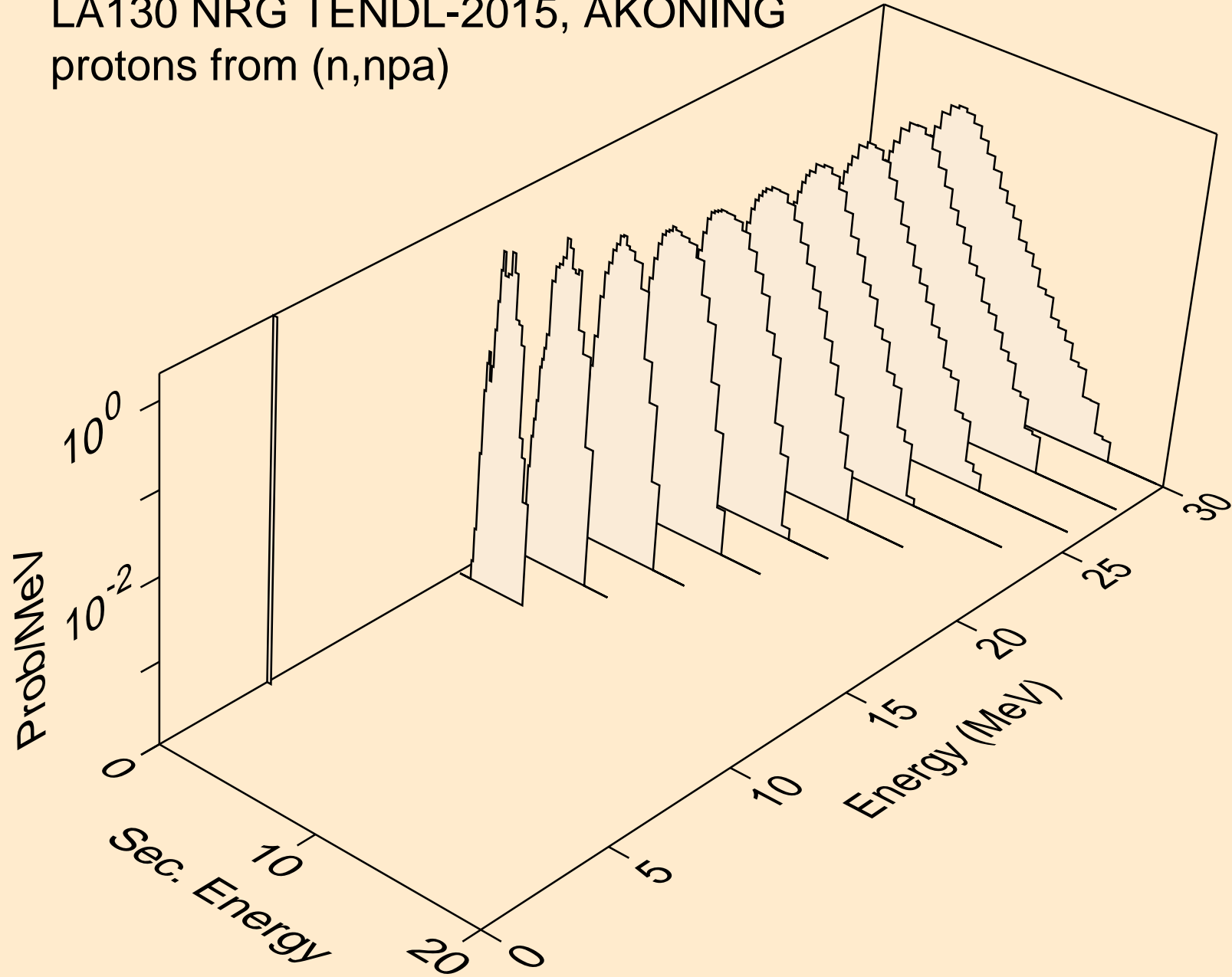




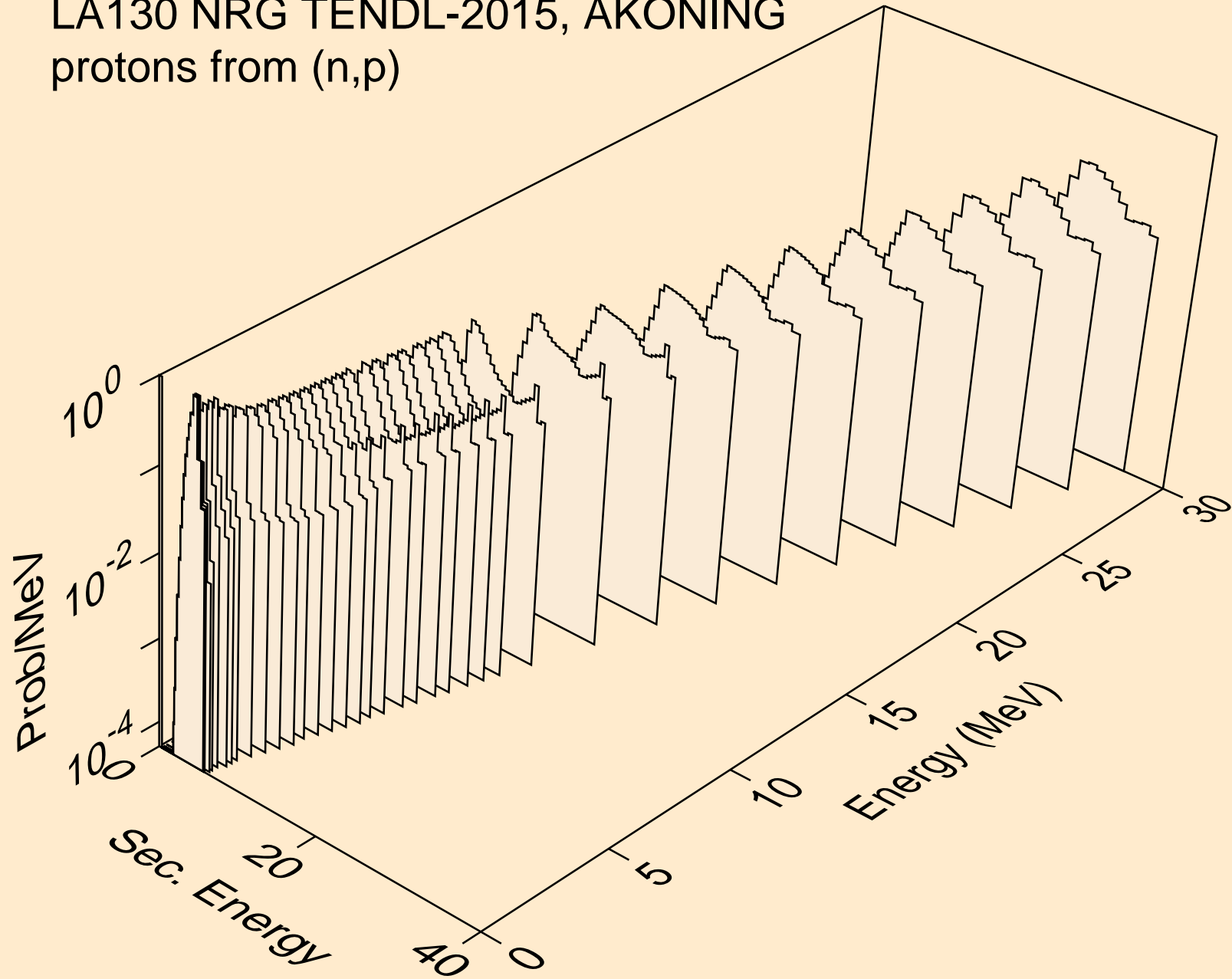
LA130 NRG TENDL-2015, AKONING  
protons from (n,2np)



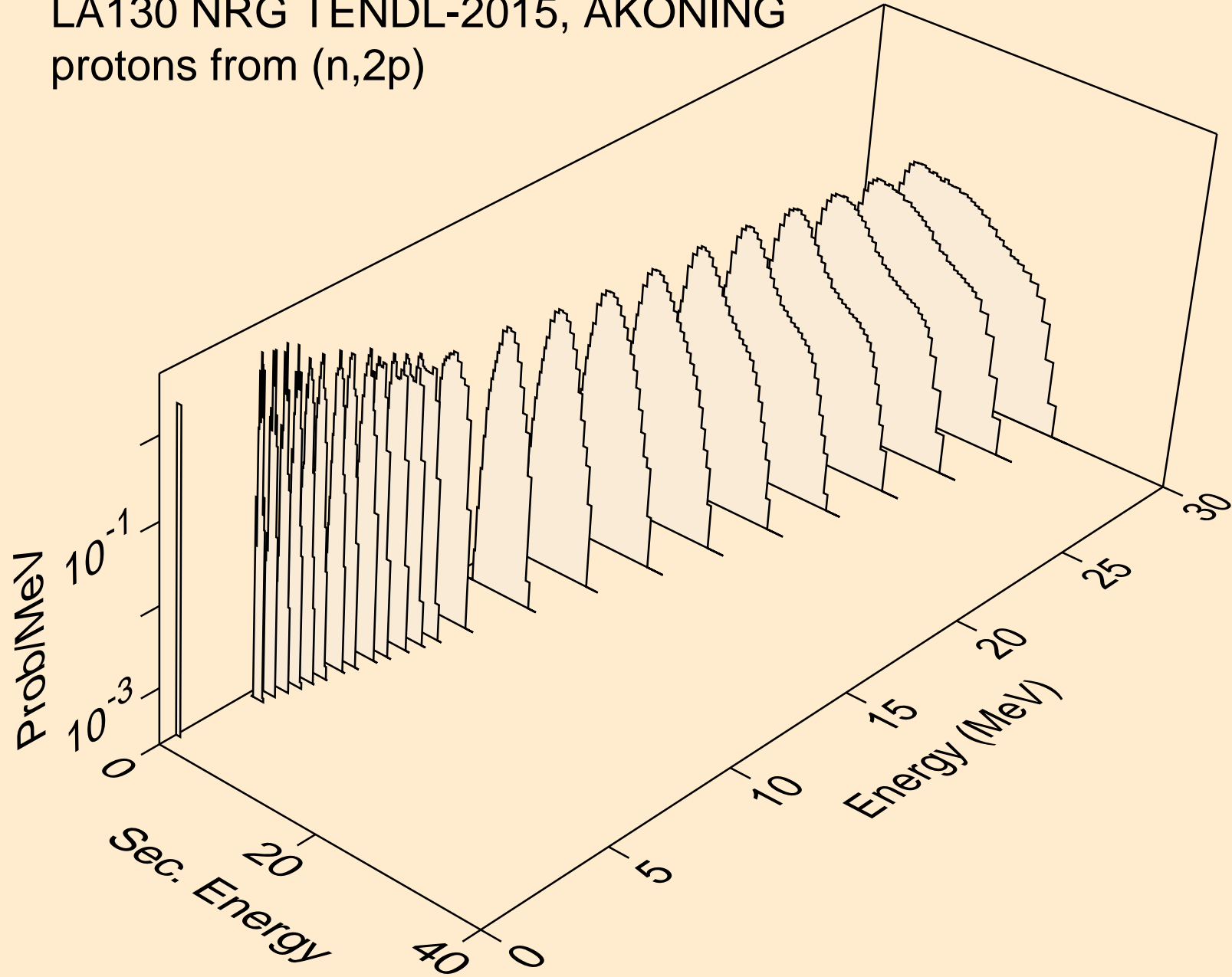
LA130 NRG TENDL-2015, AKONING  
protons from (n,npa)



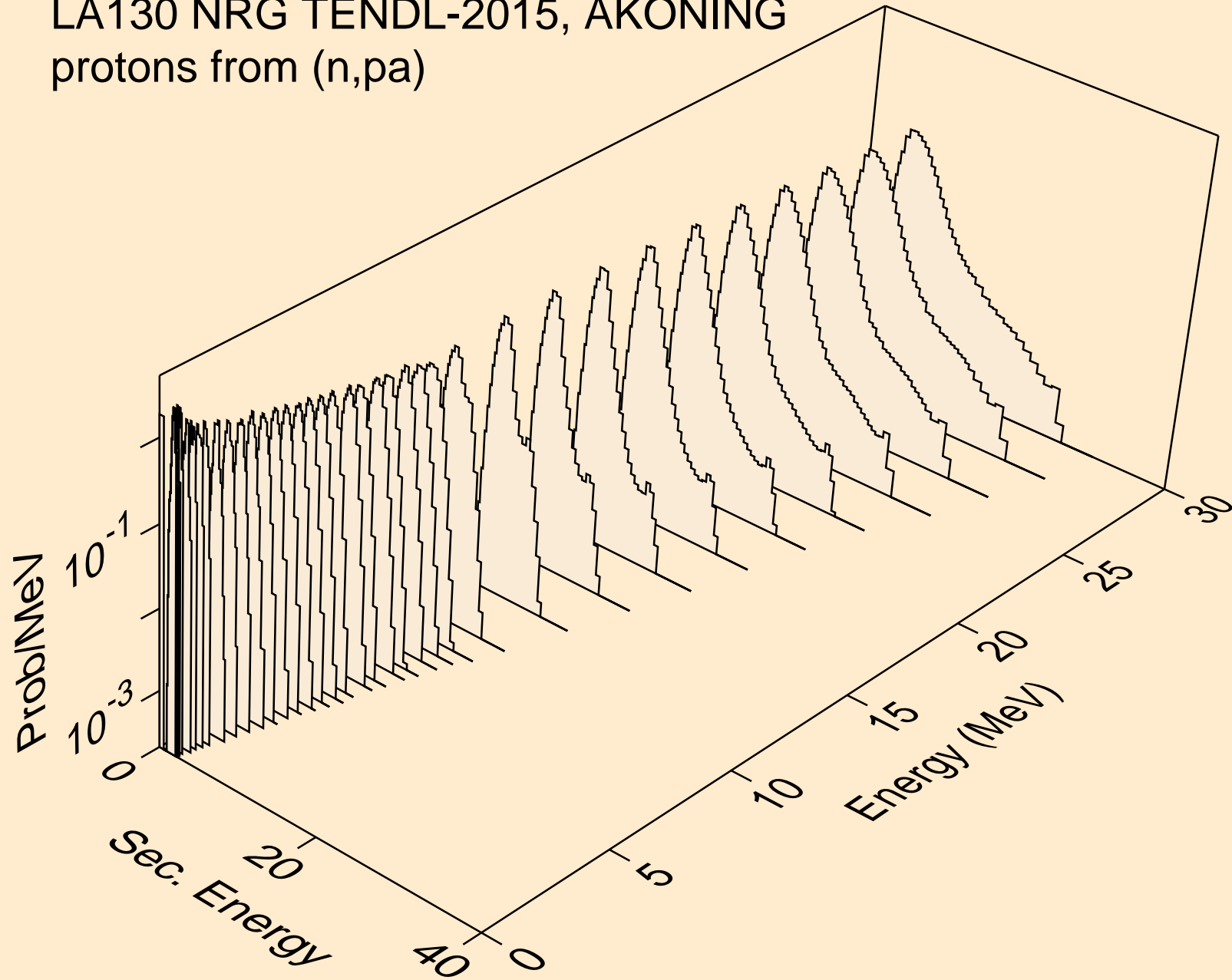
LA130 NRG TENDL-2015, AKONING  
protons from (n,p)



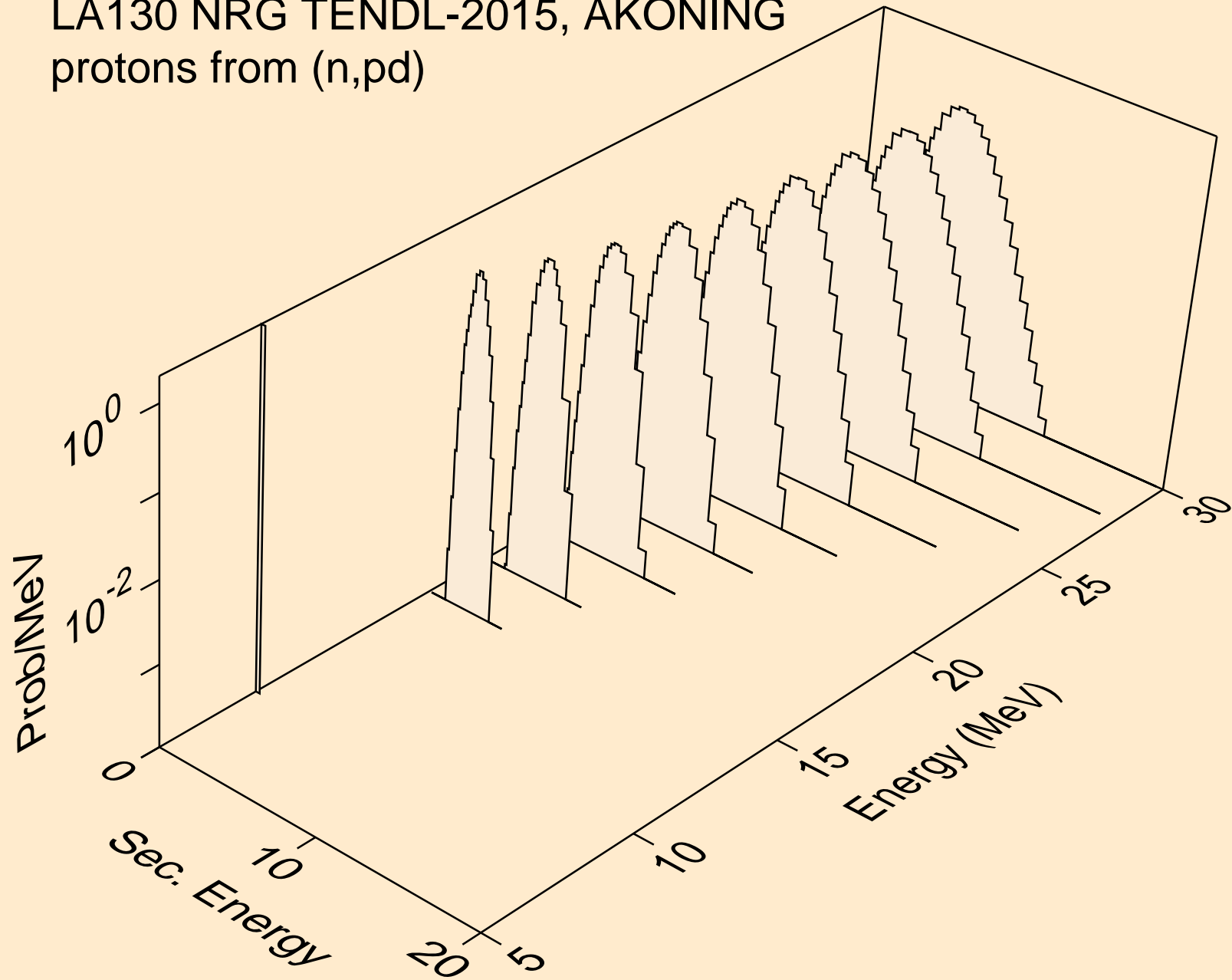
LA130 NRG TENDL-2015, AKONING  
protons from (n,2p)



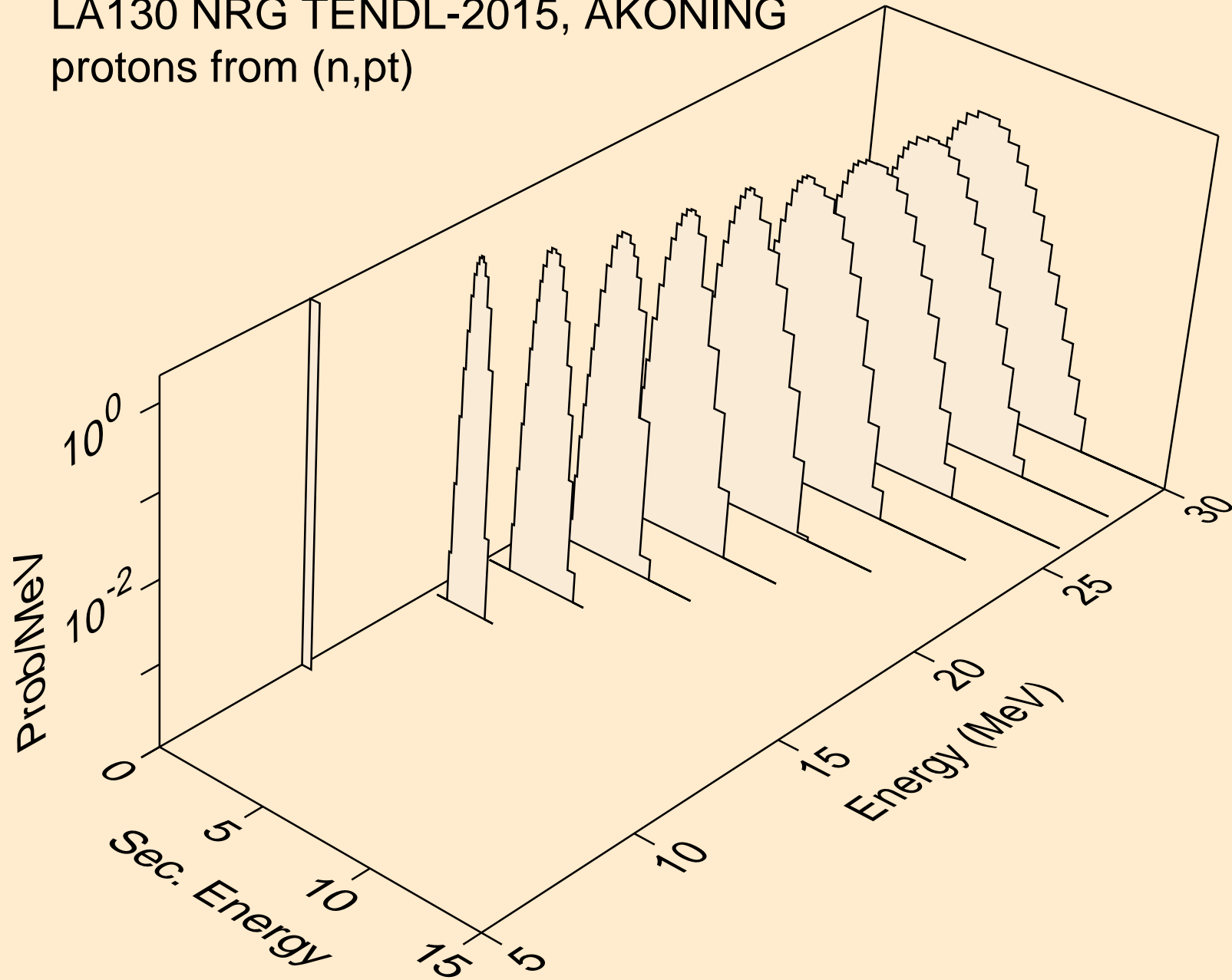
LA130 NRG TENDL-2015, AKONING  
protons from (n,pa)



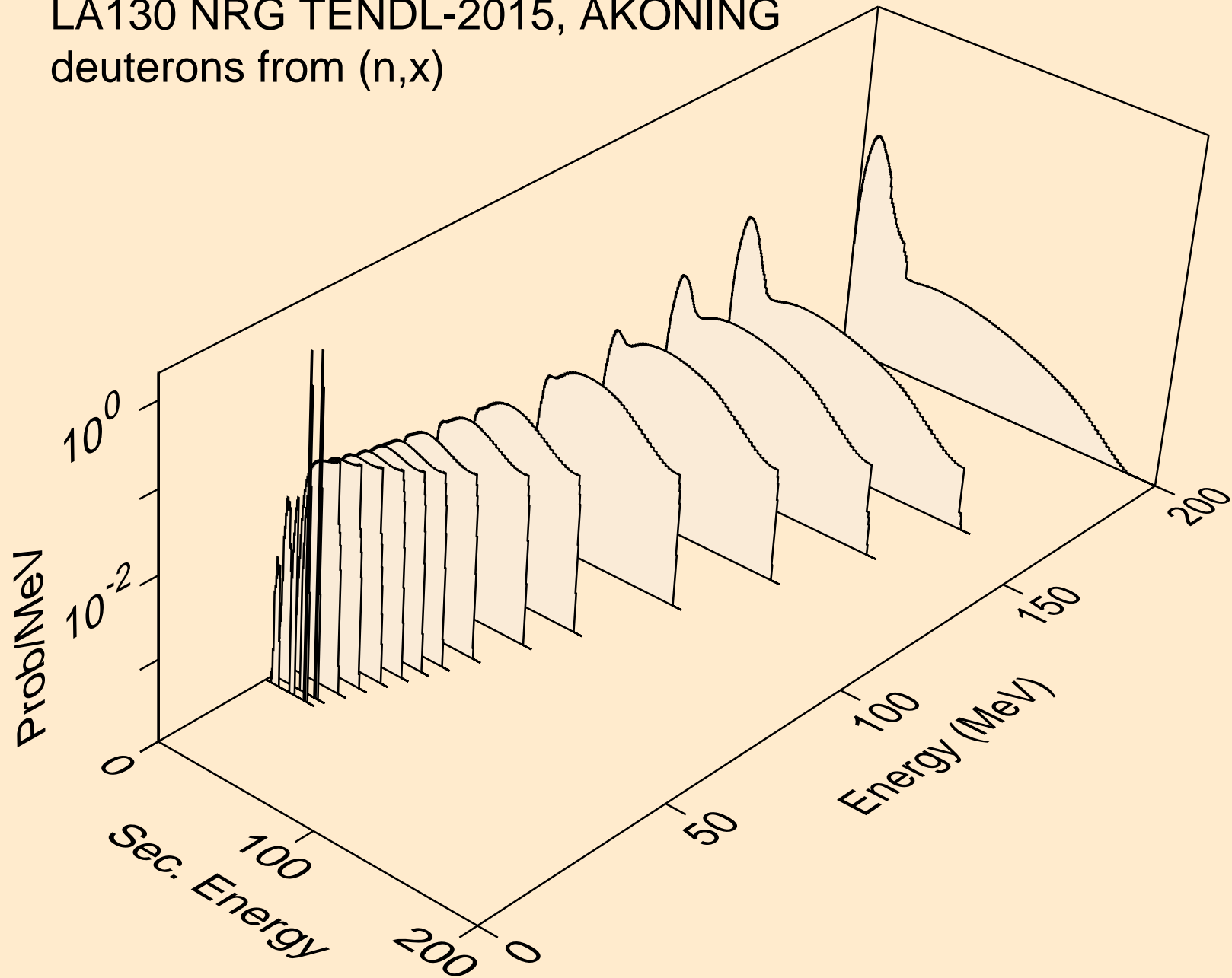
LA130 NRG TENDL-2015, AKONING  
protons from (n,pd)



LA130 NRG TENDL-2015, AKONING  
protons from (n,pt)

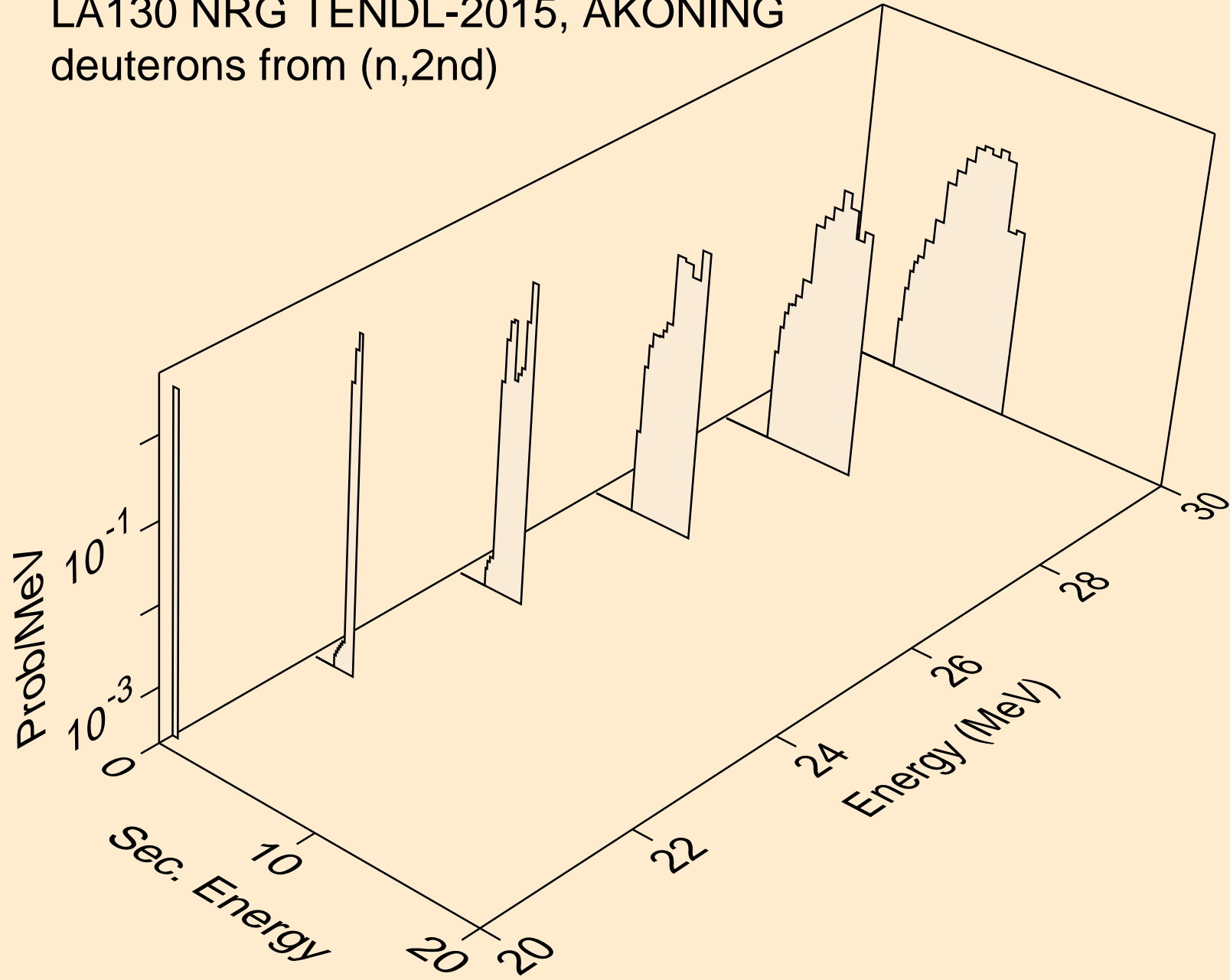


LA130 NRG TENDL-2015, AKONING  
deuterons from (n,x)

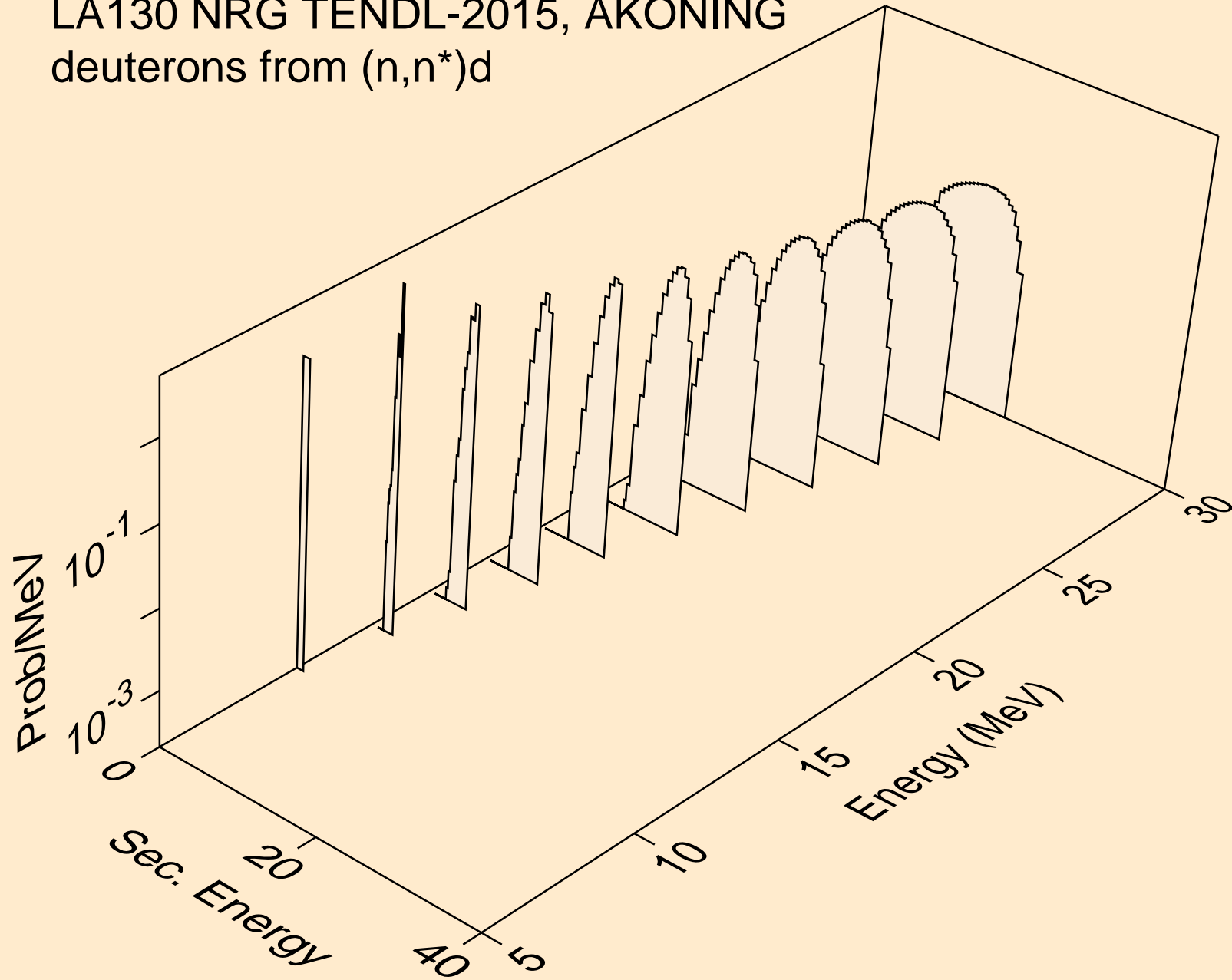




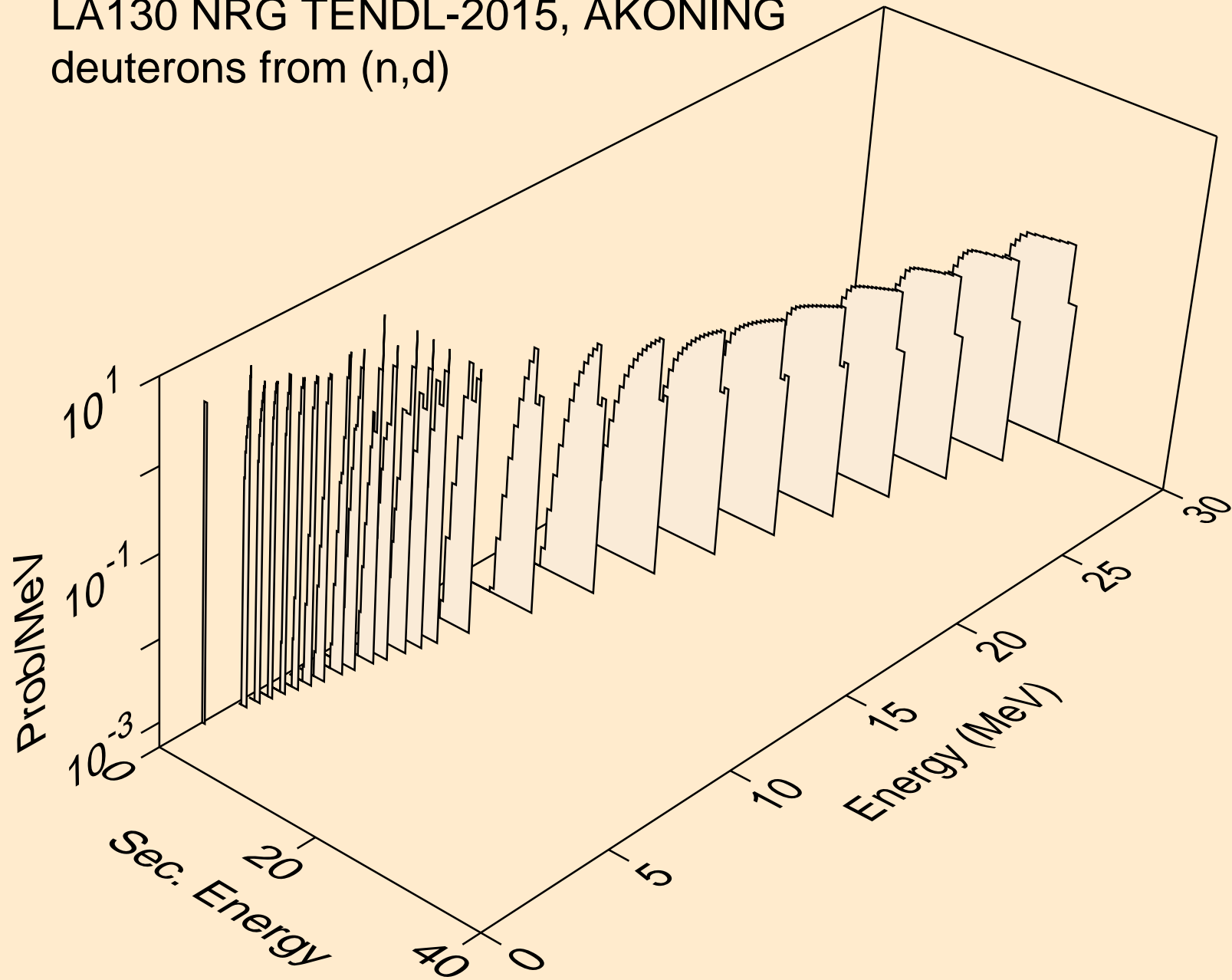
LA130 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



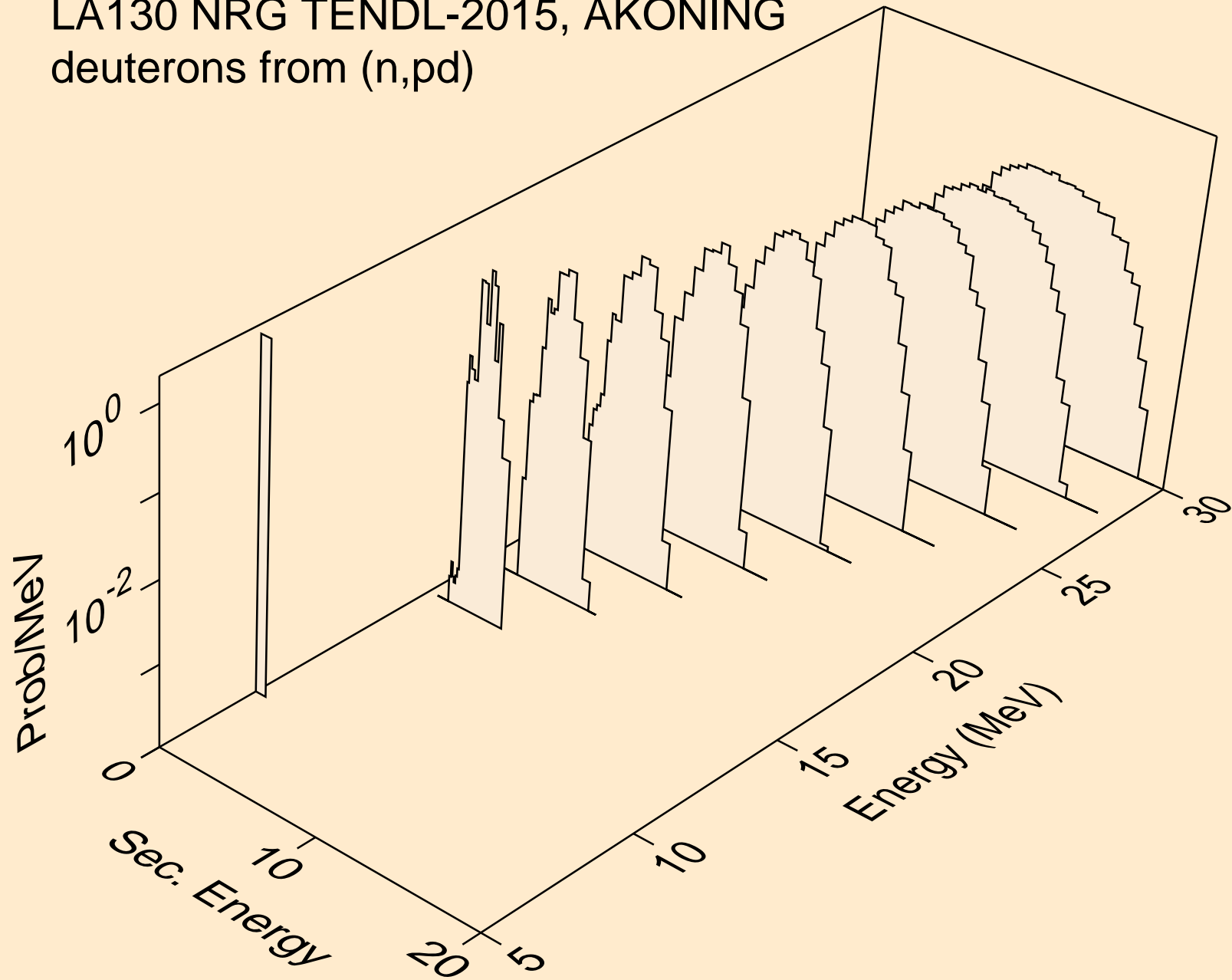
LA130 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



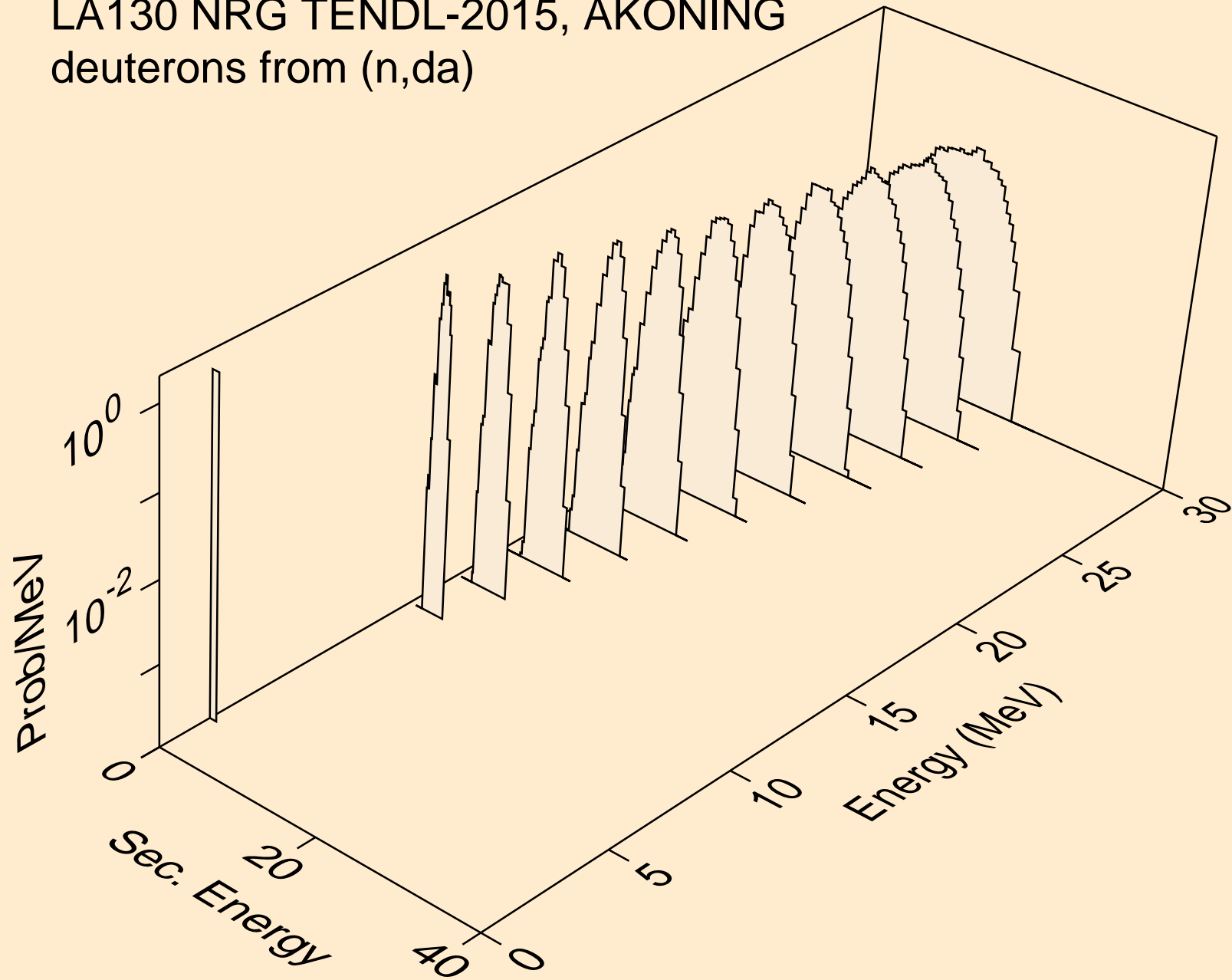
LA130 NRG TENDL-2015, AKONING  
deuterons from (n,d)



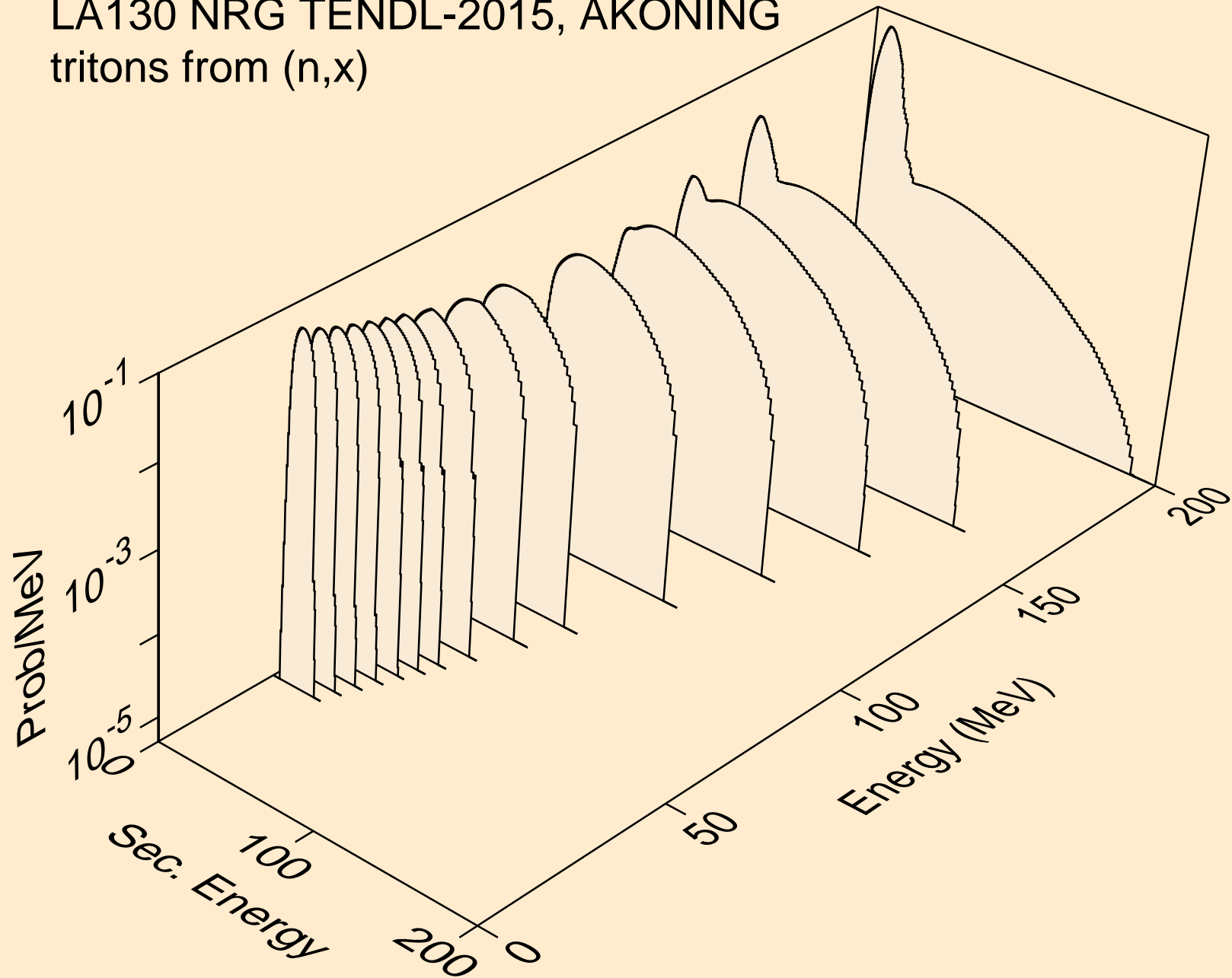
LA130 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



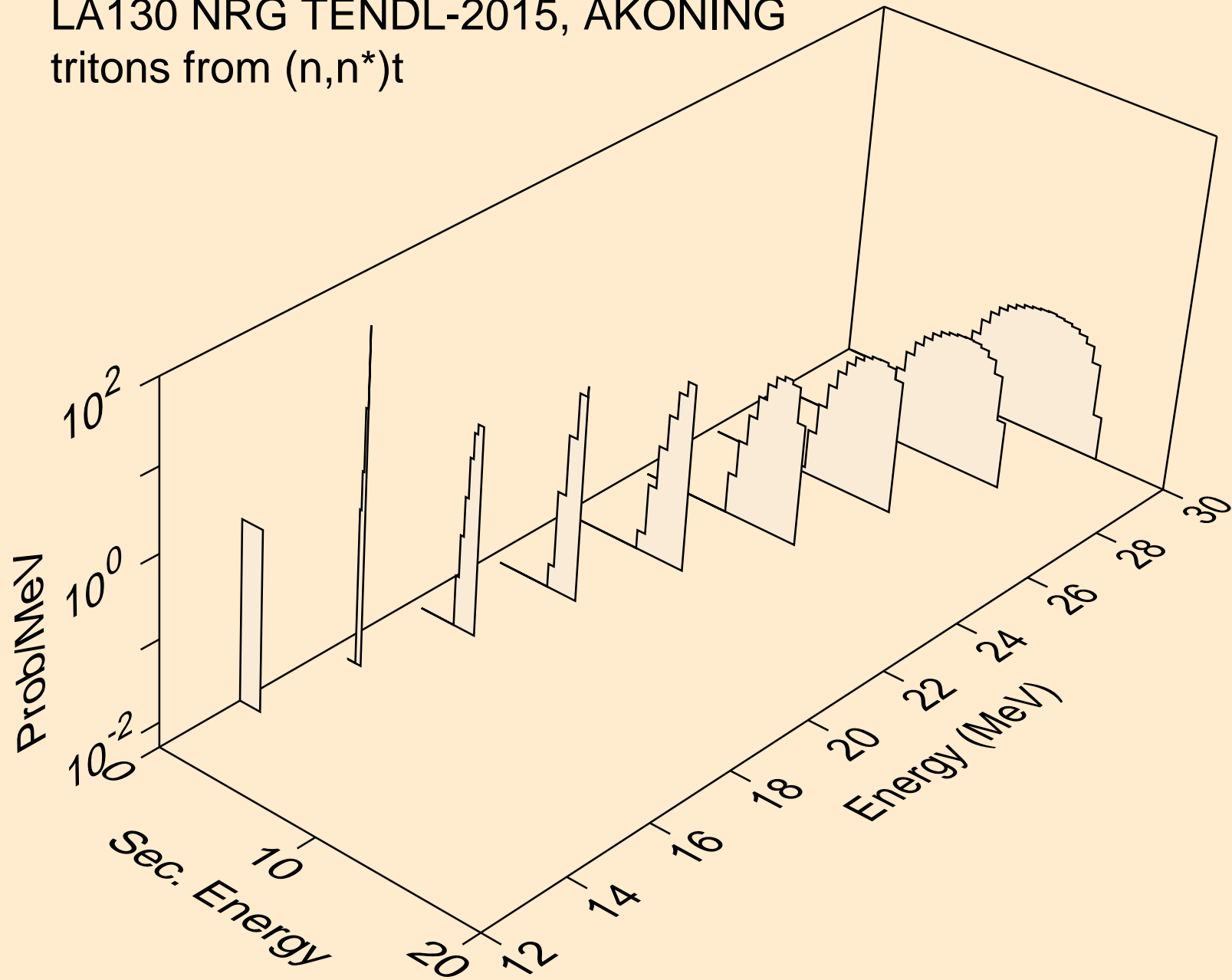
LA130 NRG TENDL-2015, AKONING  
deuterons from (n,da)



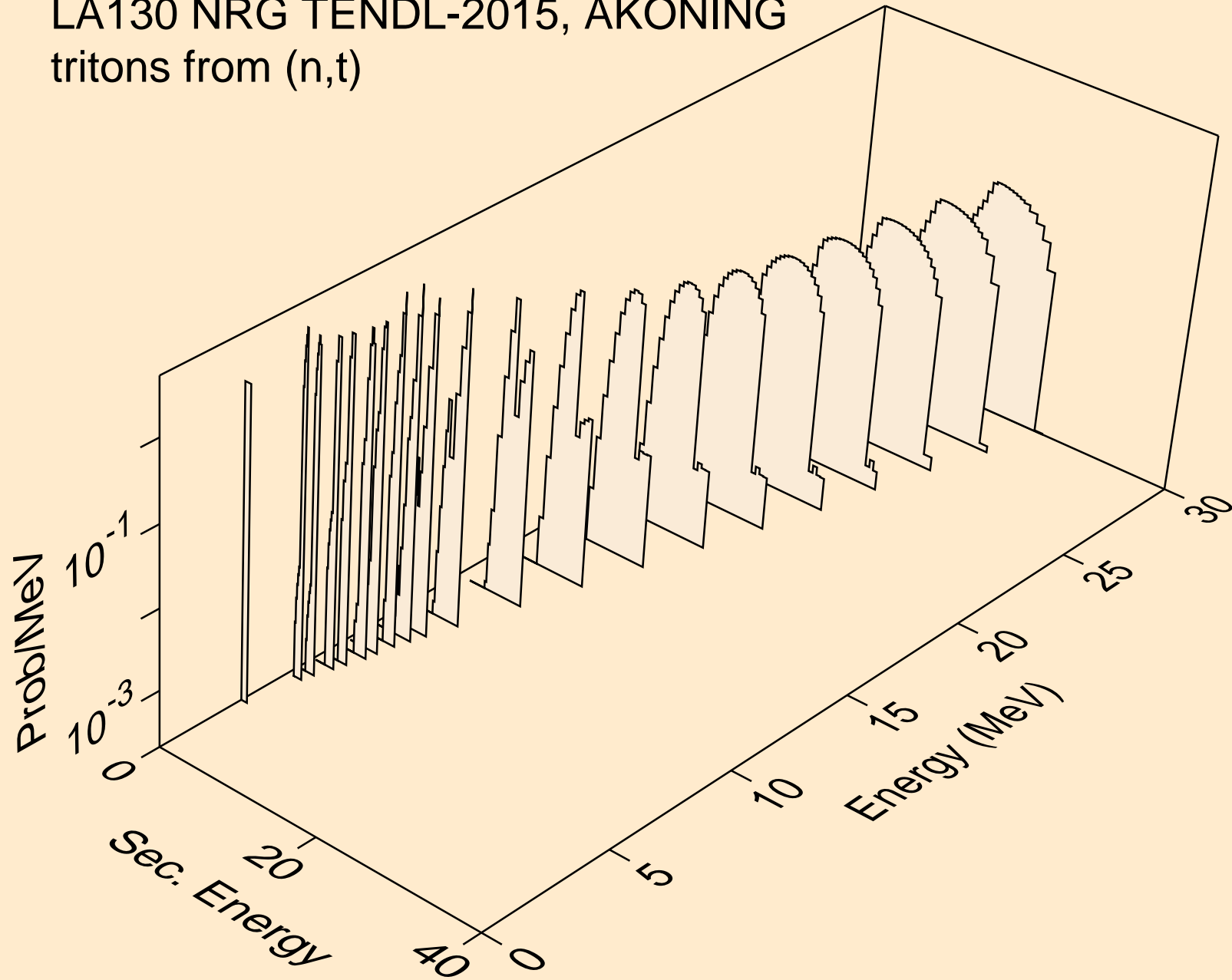
LA130 NRG TENDL-2015, AKONING  
tritons from (n,x)



LA130 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

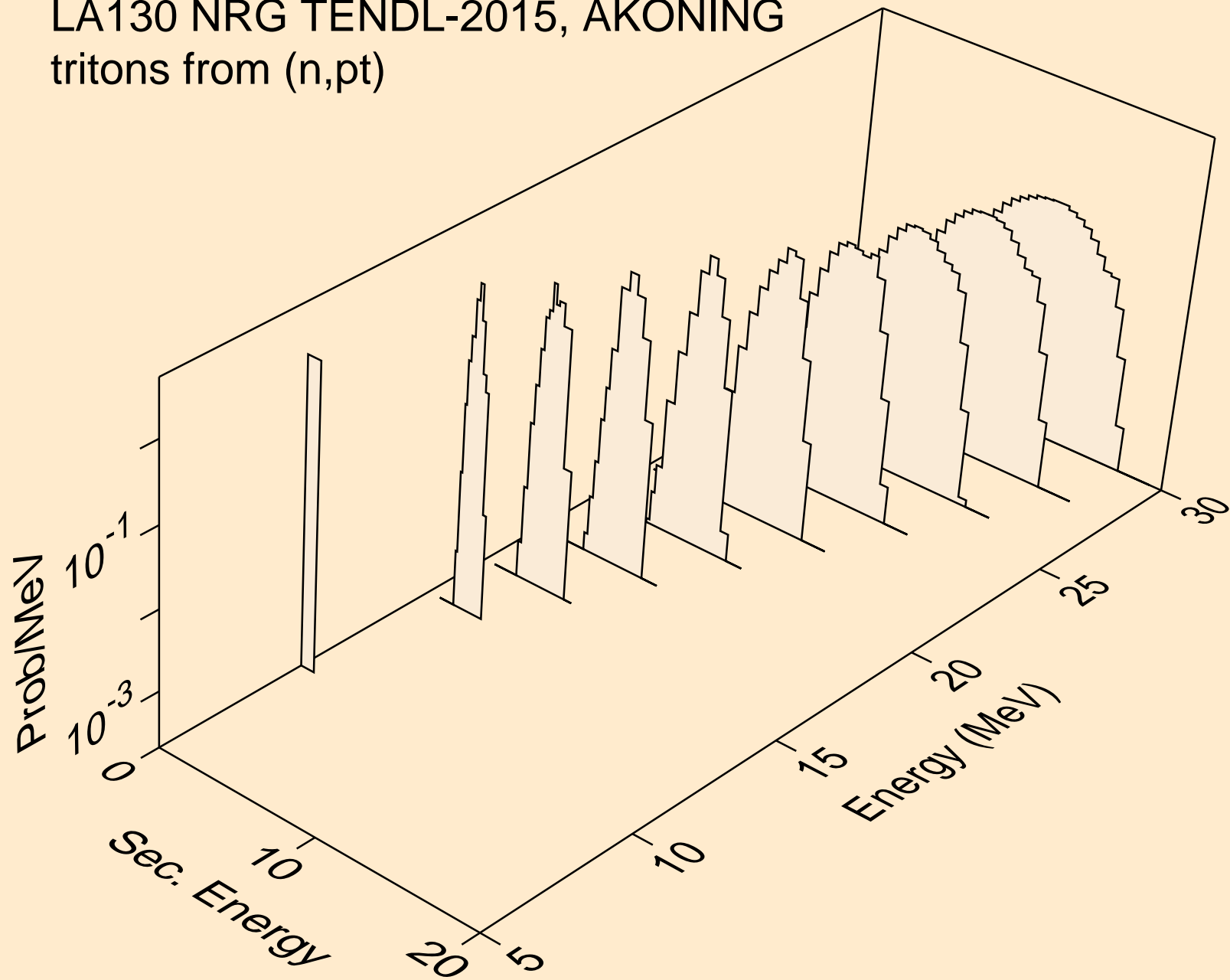


LA130 NRG TENDL-2015, AKONING  
tritons from (n,t)

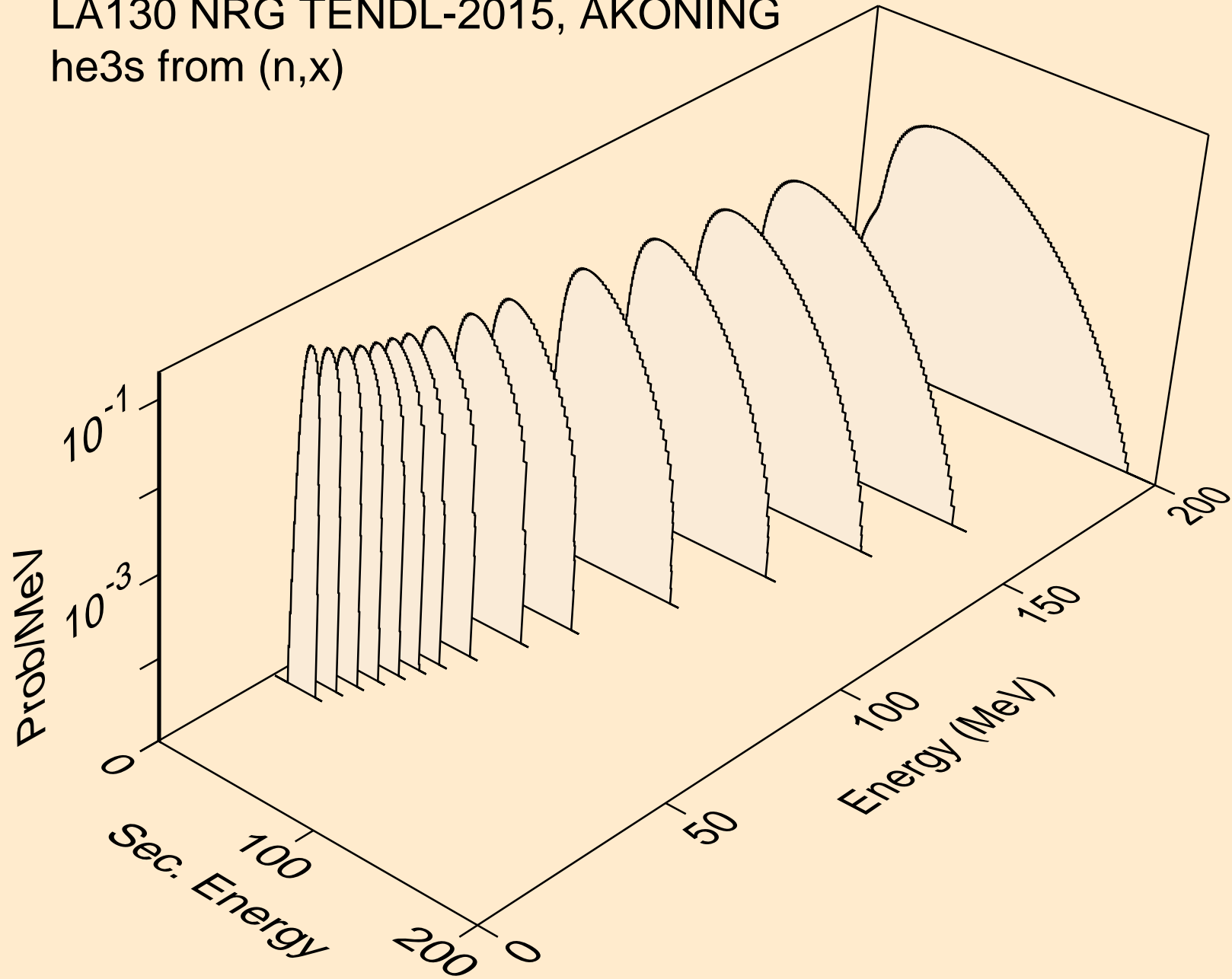




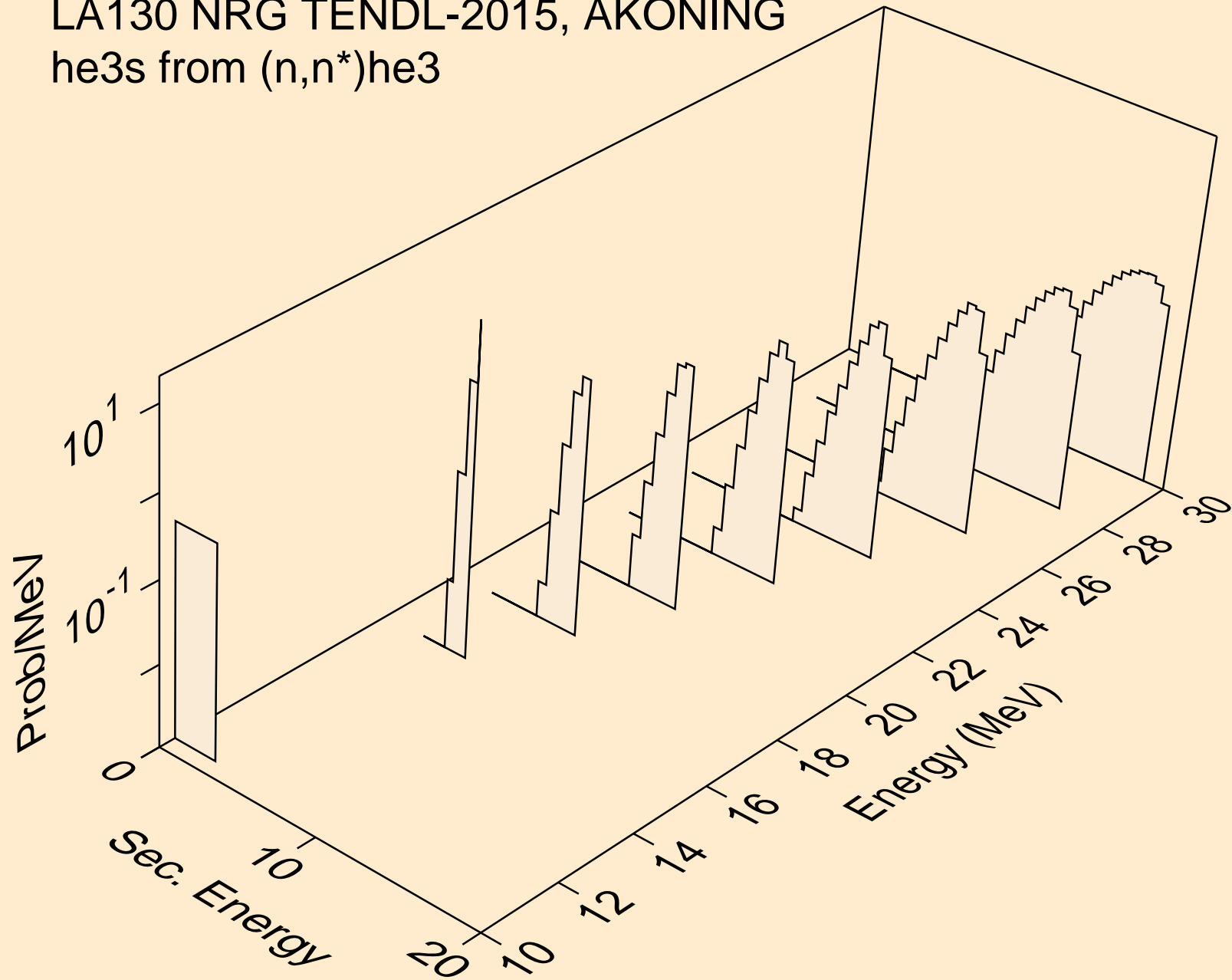
LA130 NRG TENDL-2015, AKONING  
tritons from (n,pt)



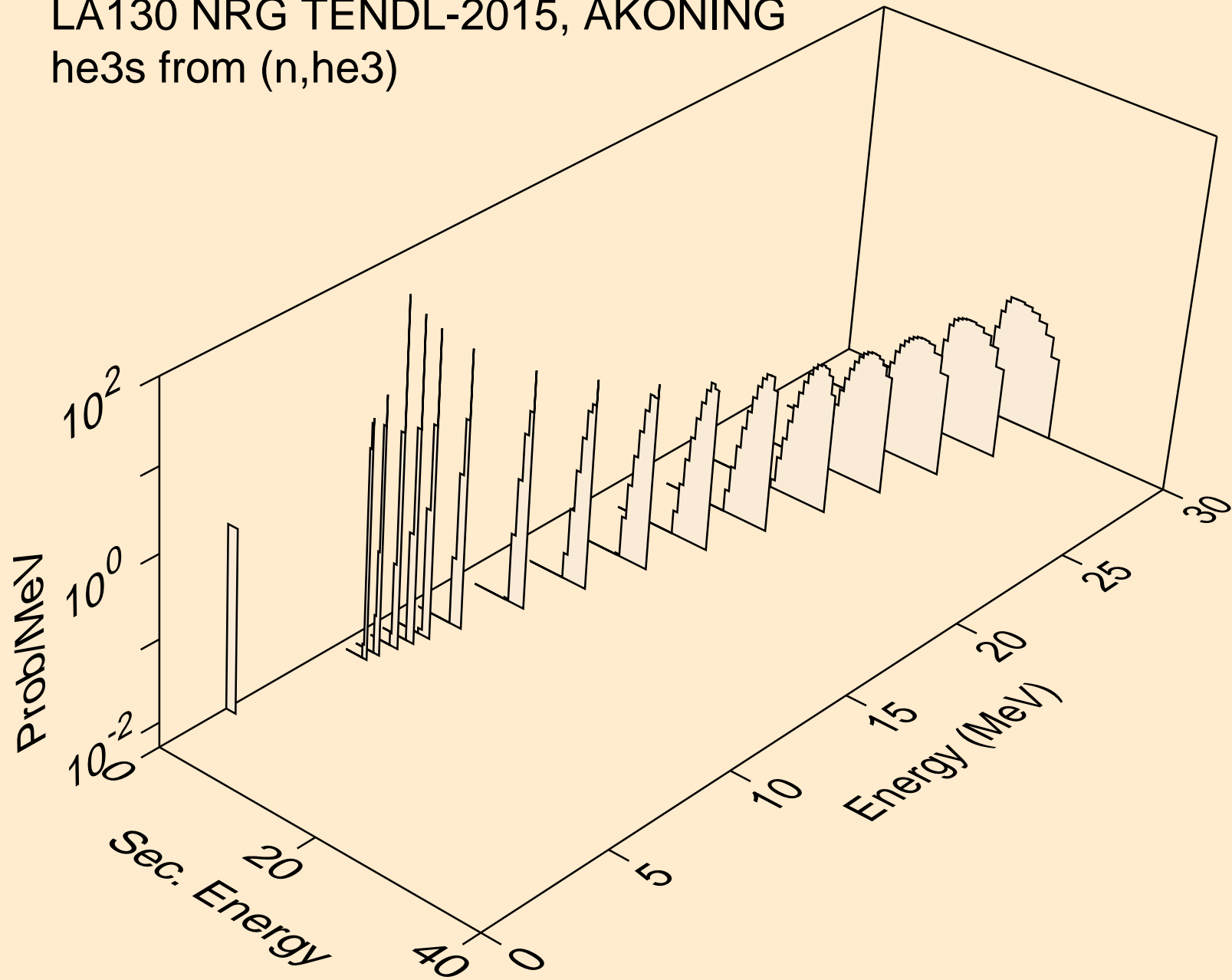
LA130 NRG TENDL-2015, AKONING  
he3s from (n,x)



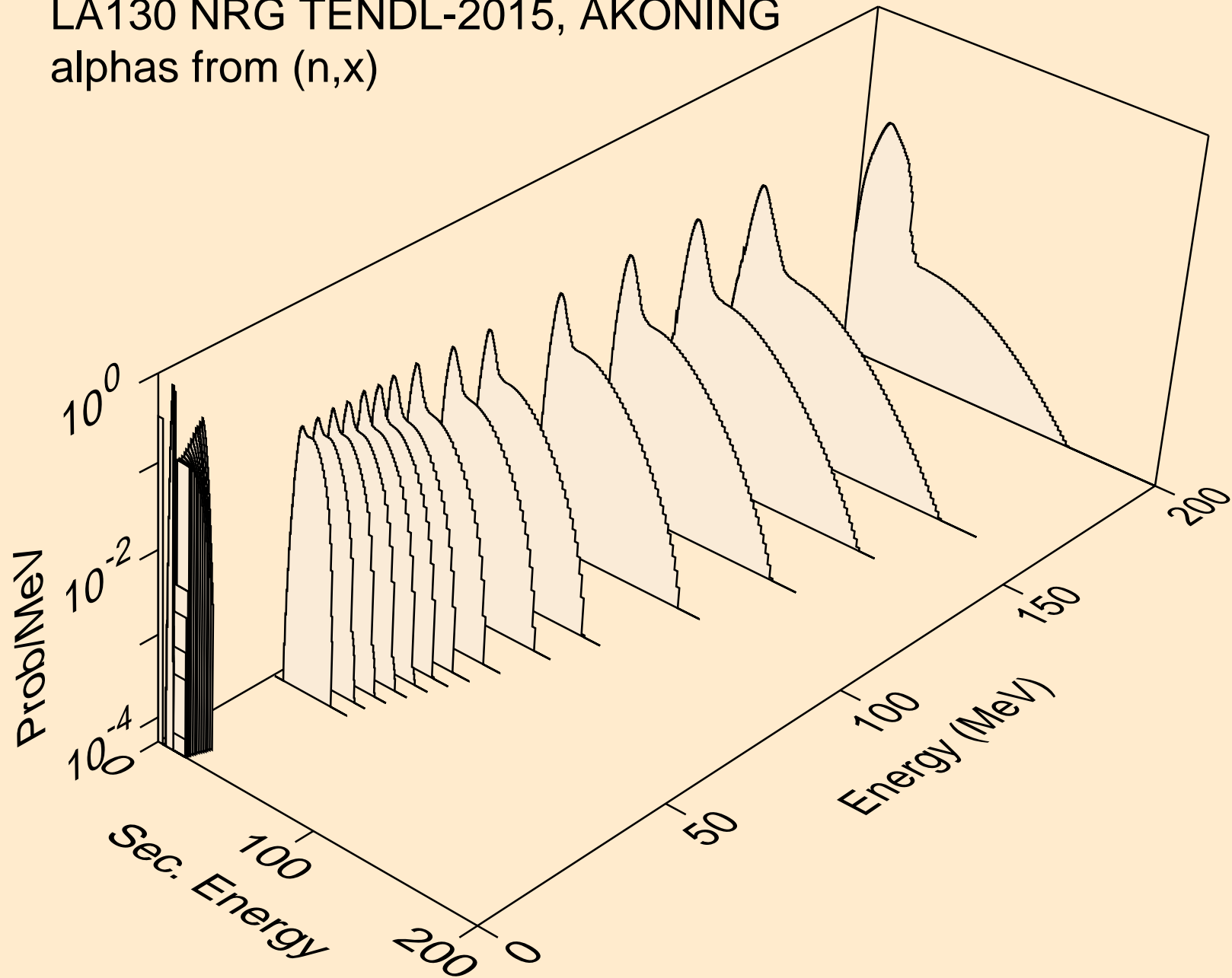
LA130 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



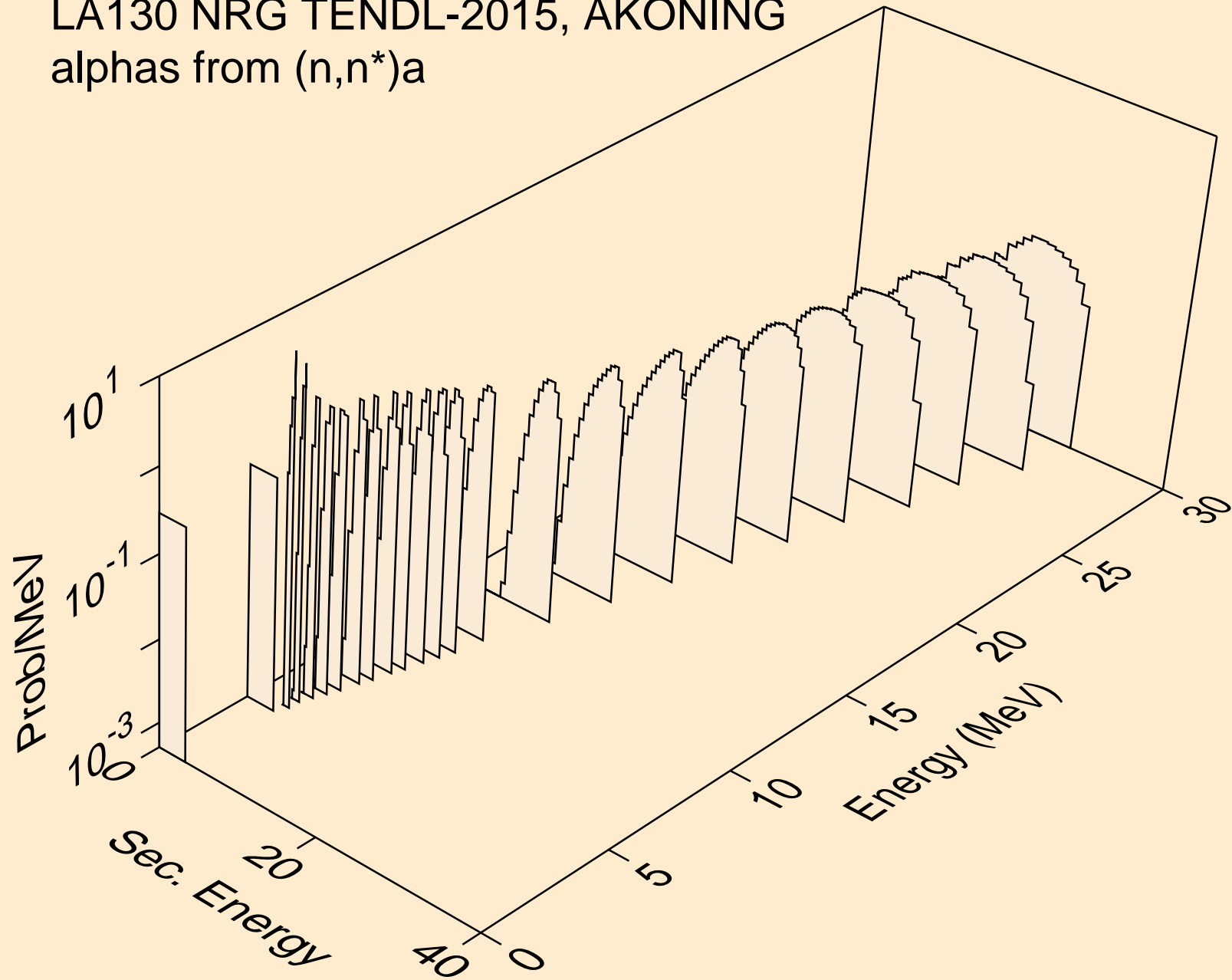
LA130 NRG TENDL-2015, AKONING  
he3s from (n,he3)



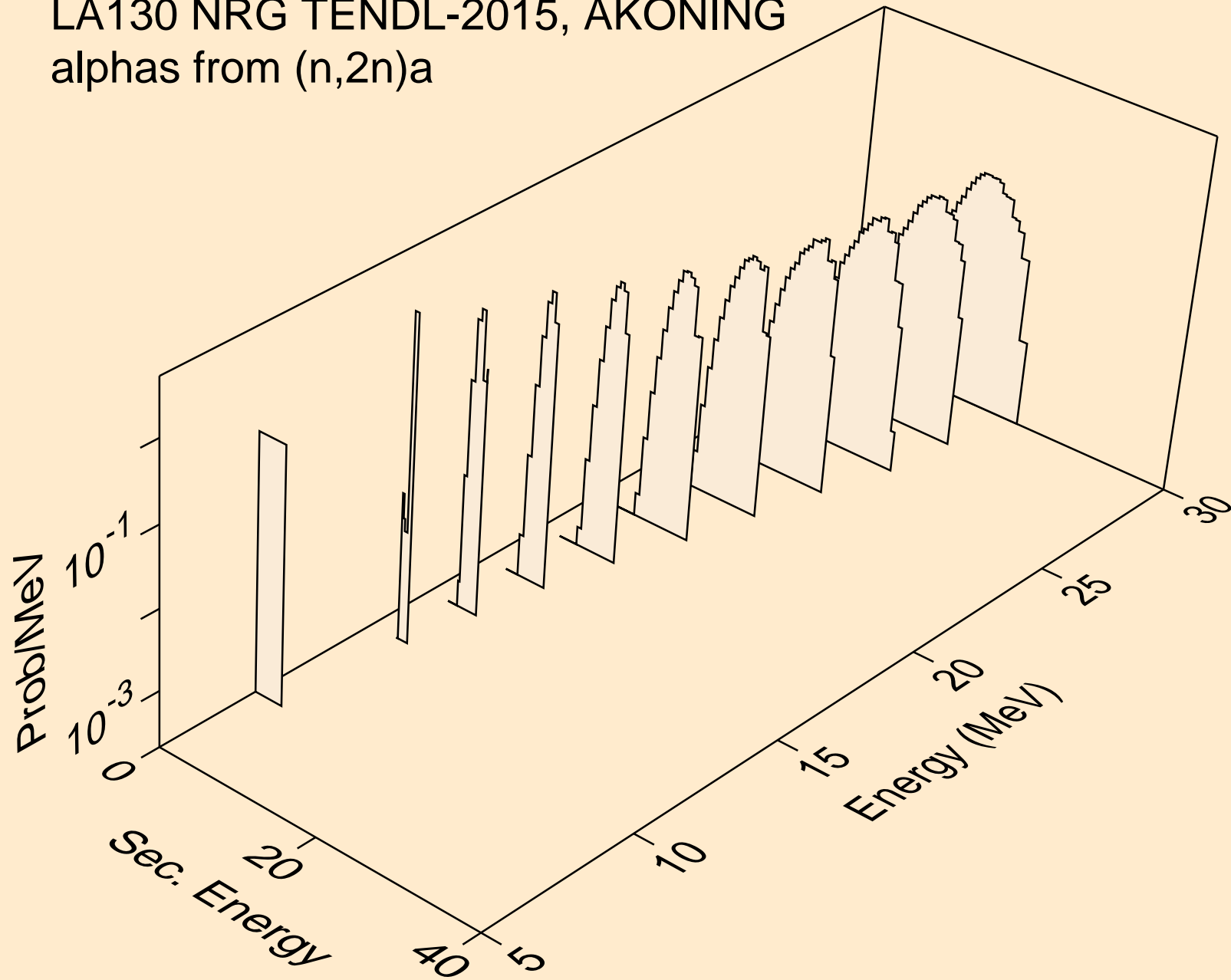
LA130 NRG TENDL-2015, AKONING  
alphas from (n,x)



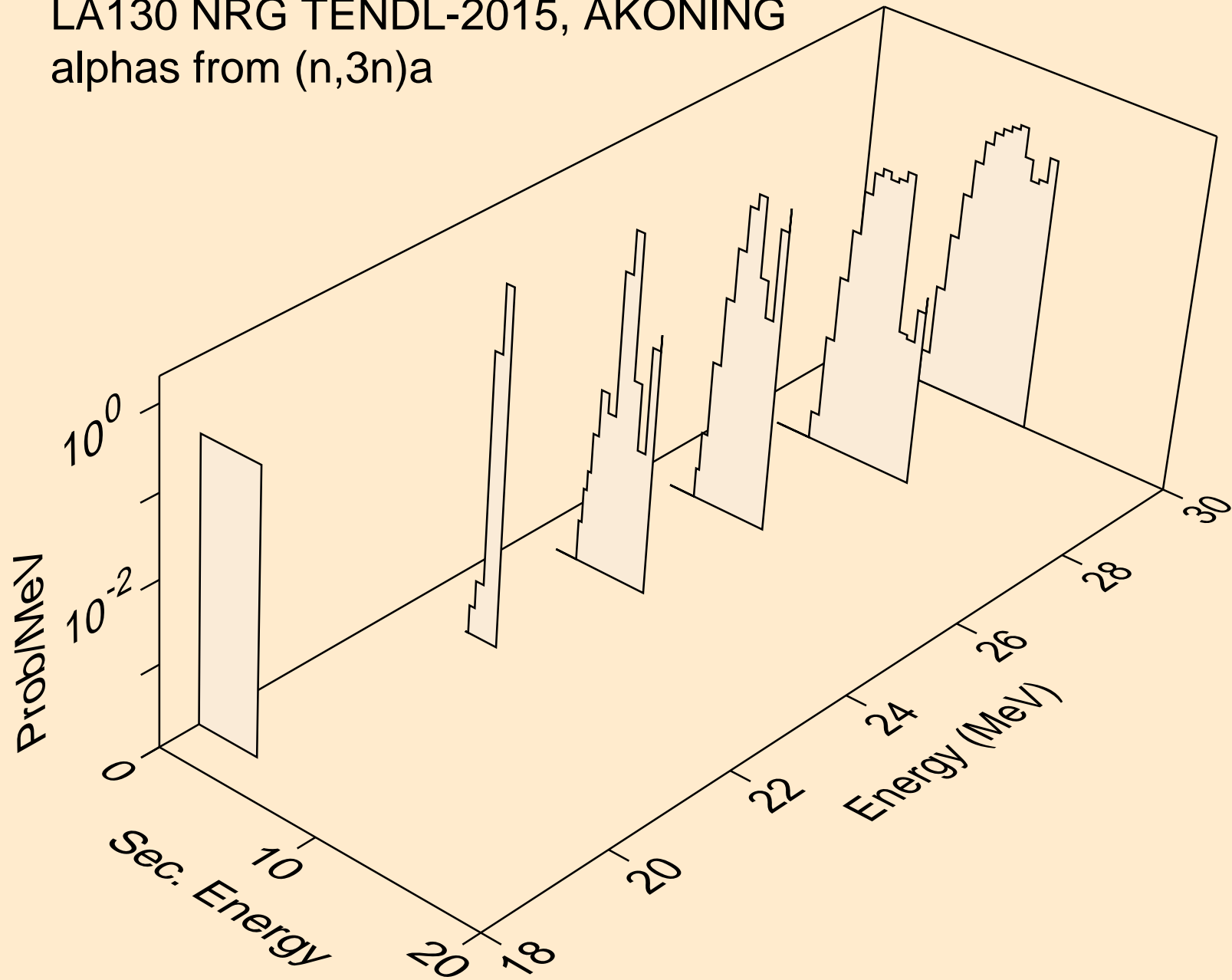
LA130 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



LA130 NRG TENDL-2015, AKONING  
alphas from (n,2n)a

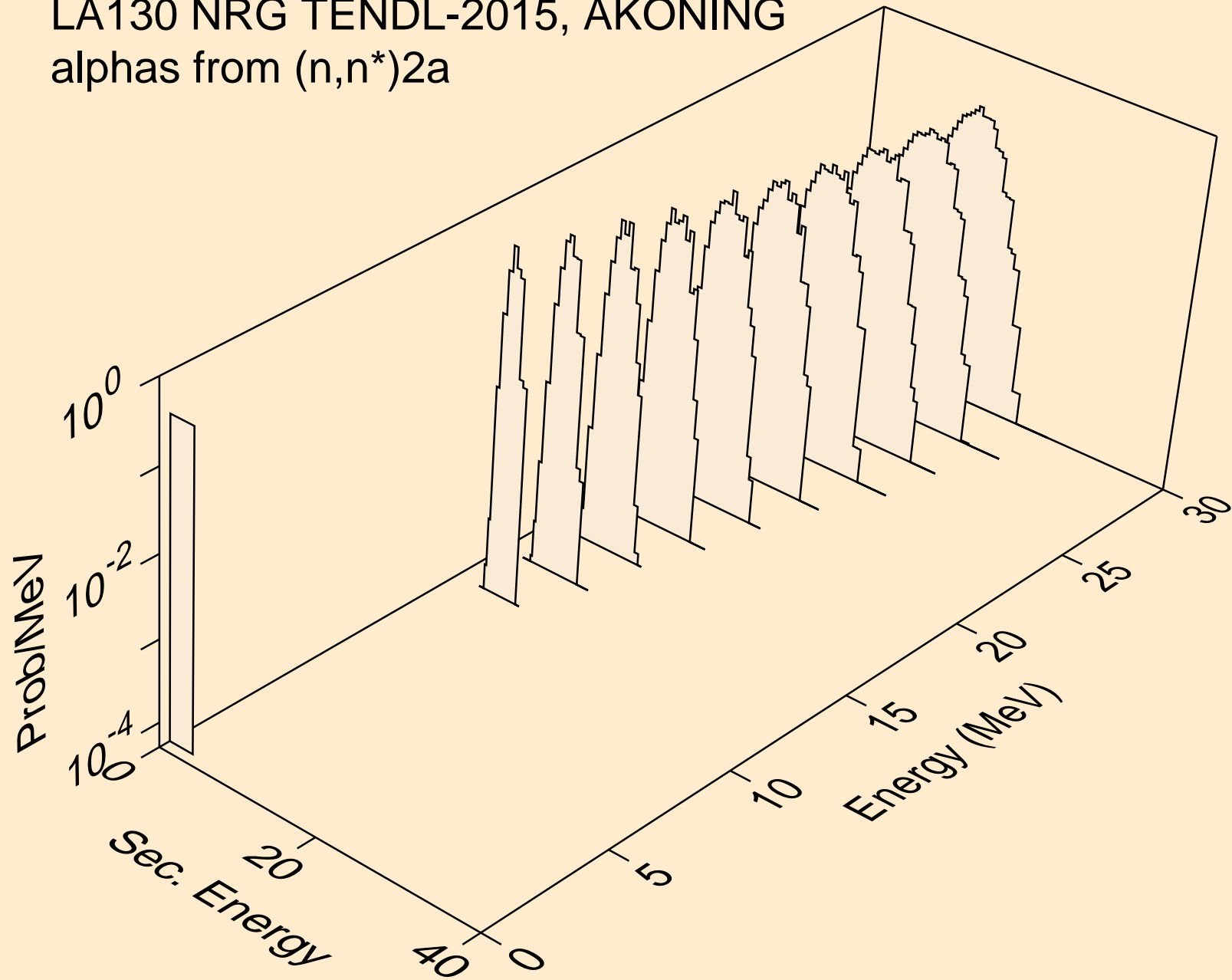


LA130 NRG TENDL-2015, AKONING  
alphas from (n,3n)a

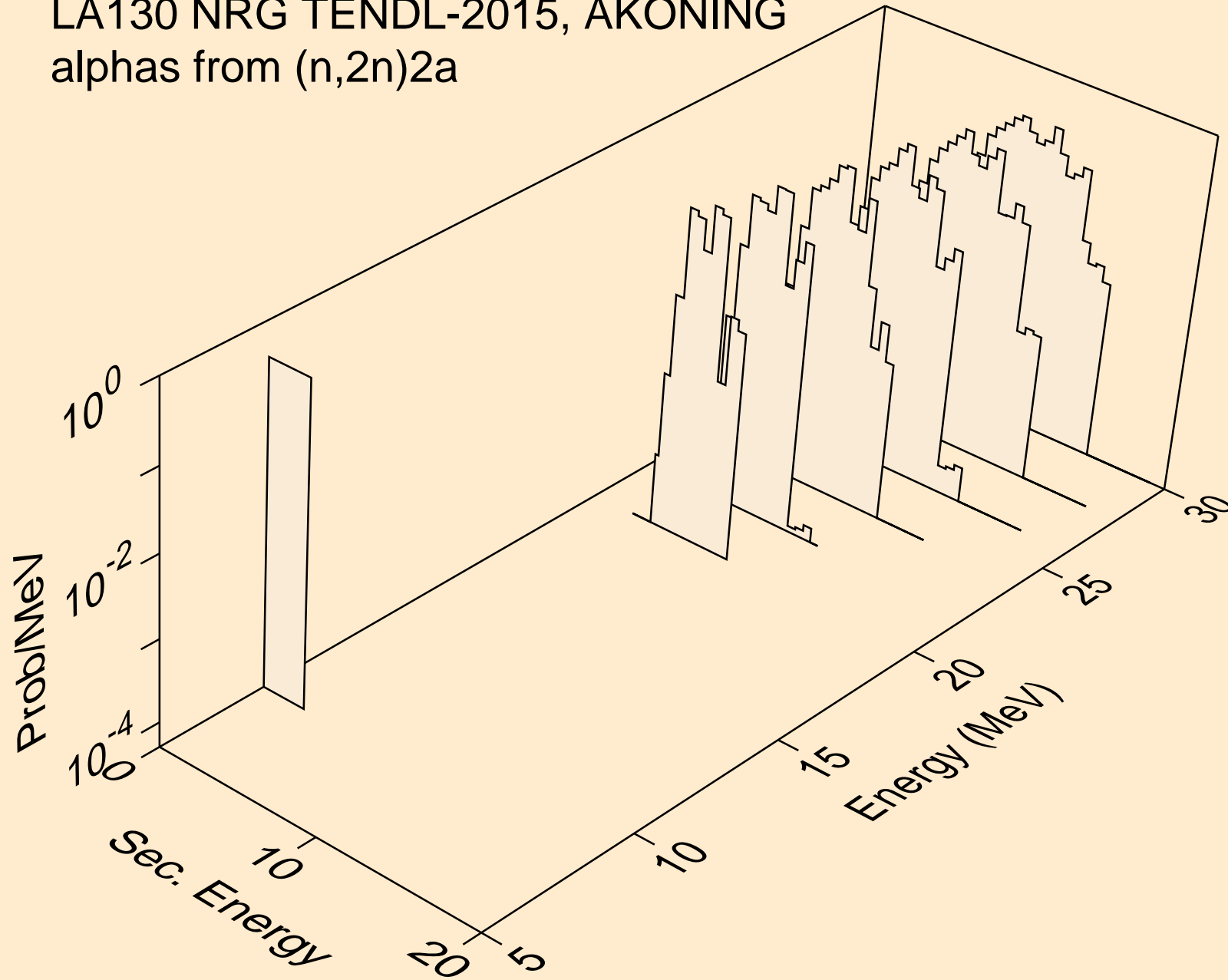




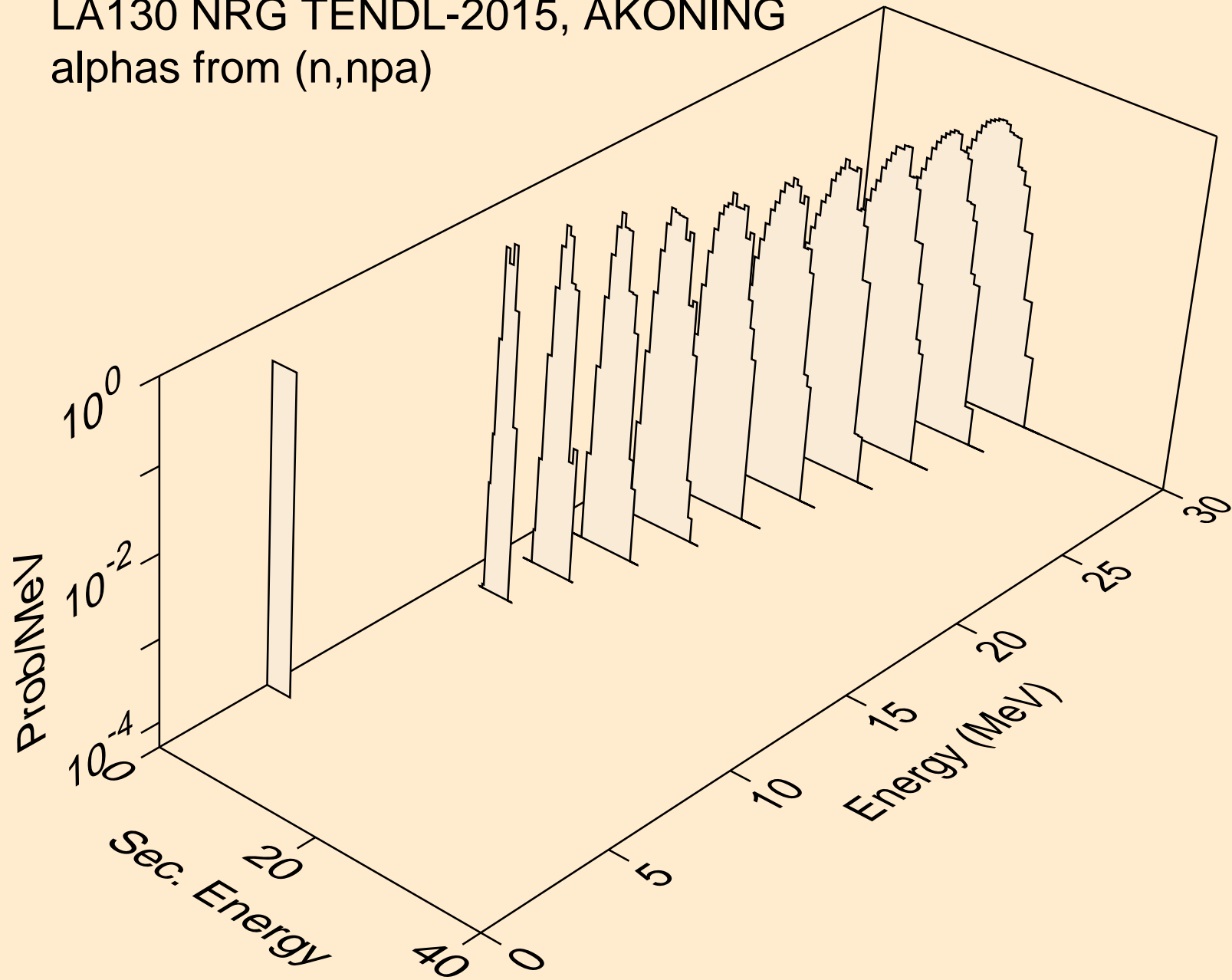
LA130 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



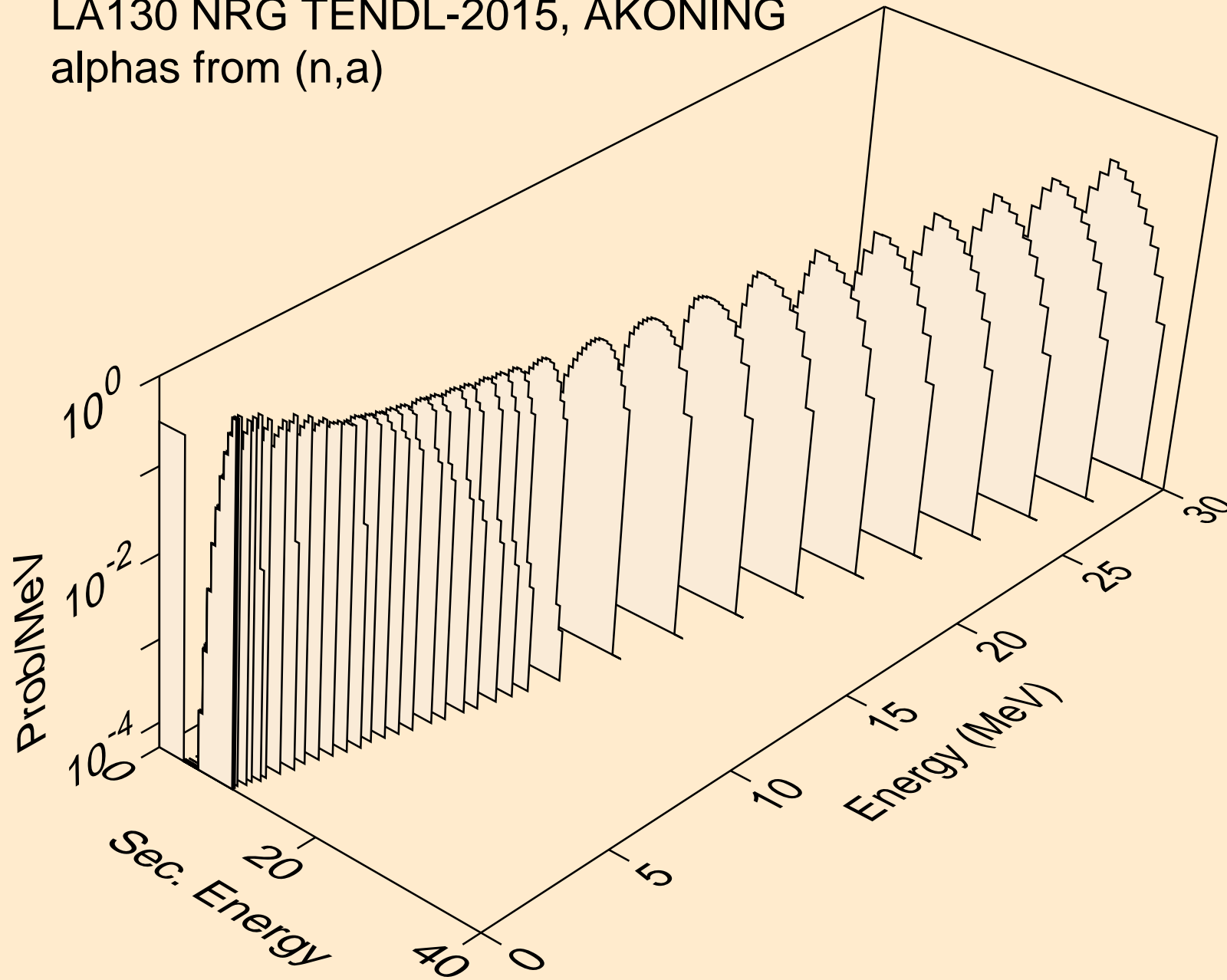
LA130 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



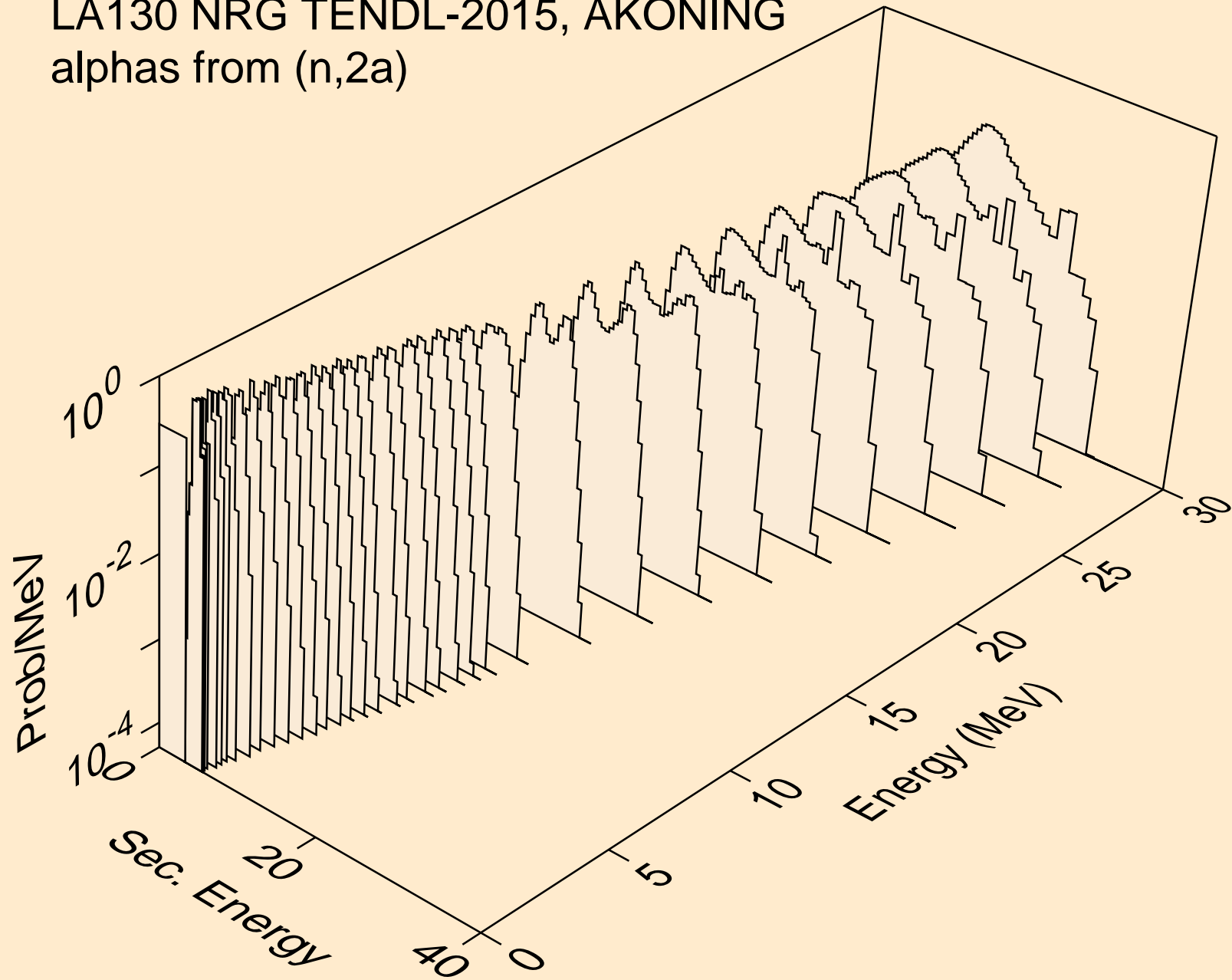
LA130 NRG TENDL-2015, AKONING  
alphas from (n,npa)



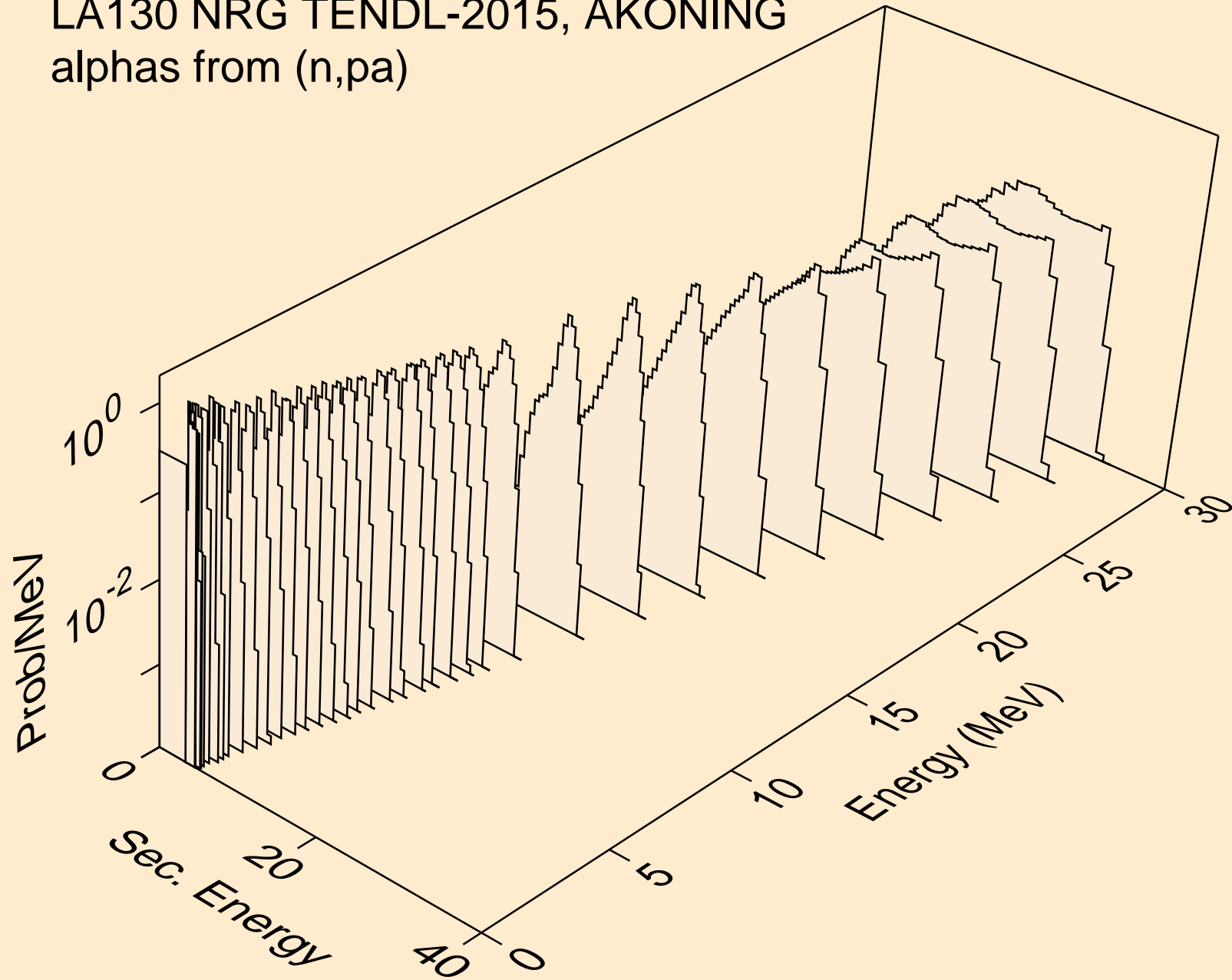
LA130 NRG TENDL-2015, AKONING  
alphas from (n,a)



LA130 NRG TENDL-2015, AKONING  
alphas from (n,2a)



LA130 NRG TENDL-2015, AKONING  
alphas from (n,pa)



LA130 NRG TENDL-2015, AKONING  
alphas from (n,da)

