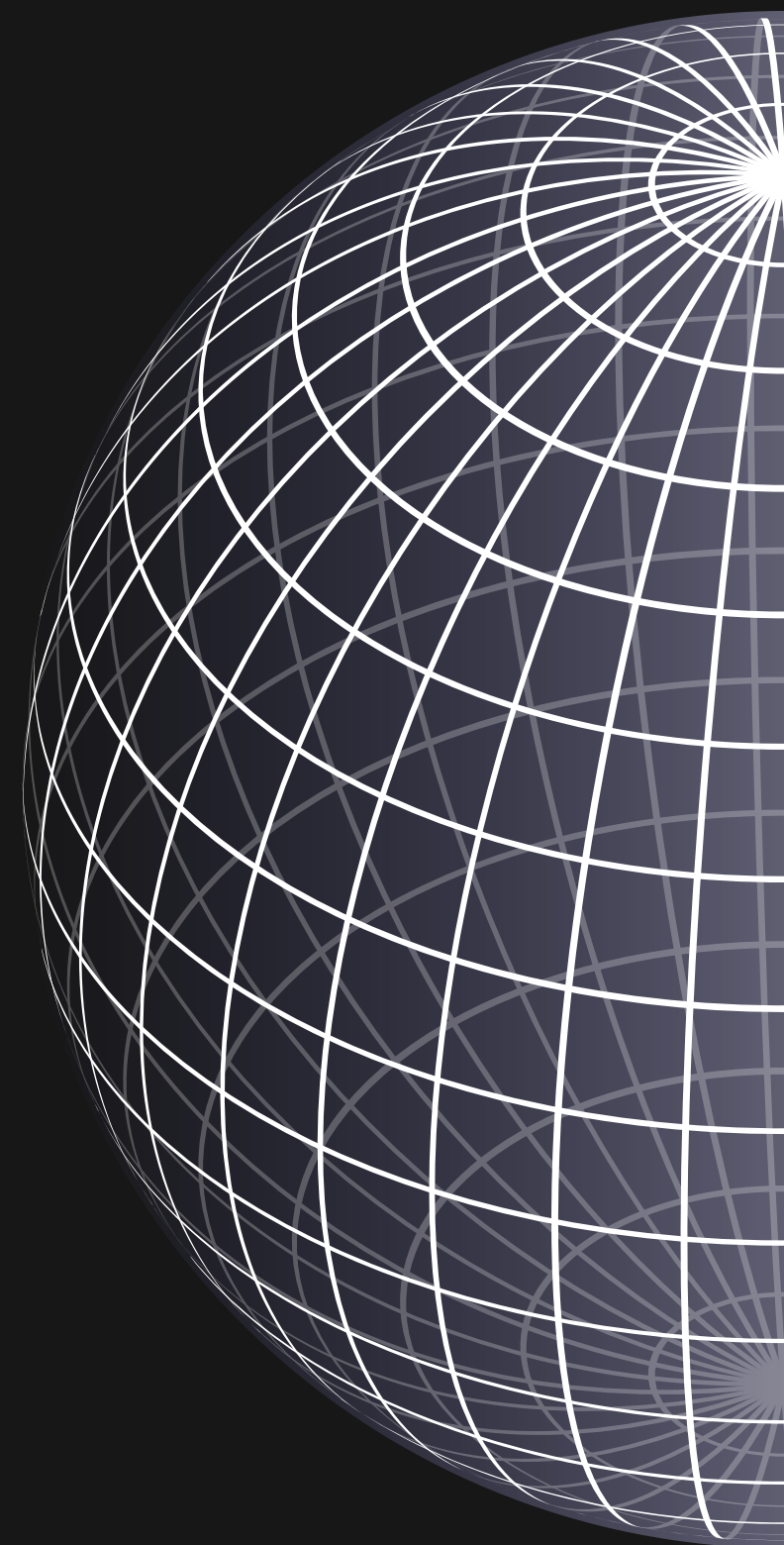




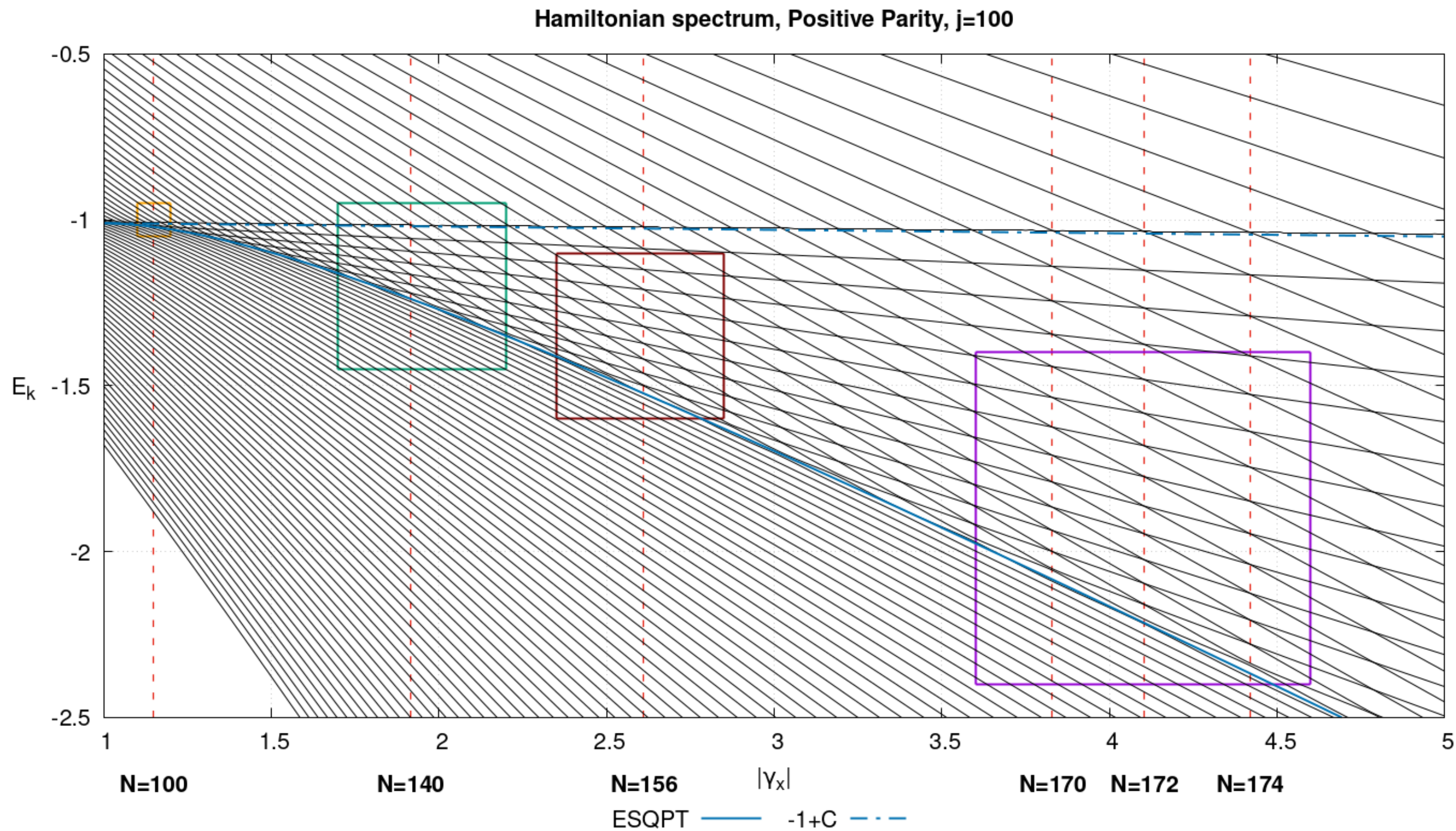
LINEAR FITS

Isaías Siliceo



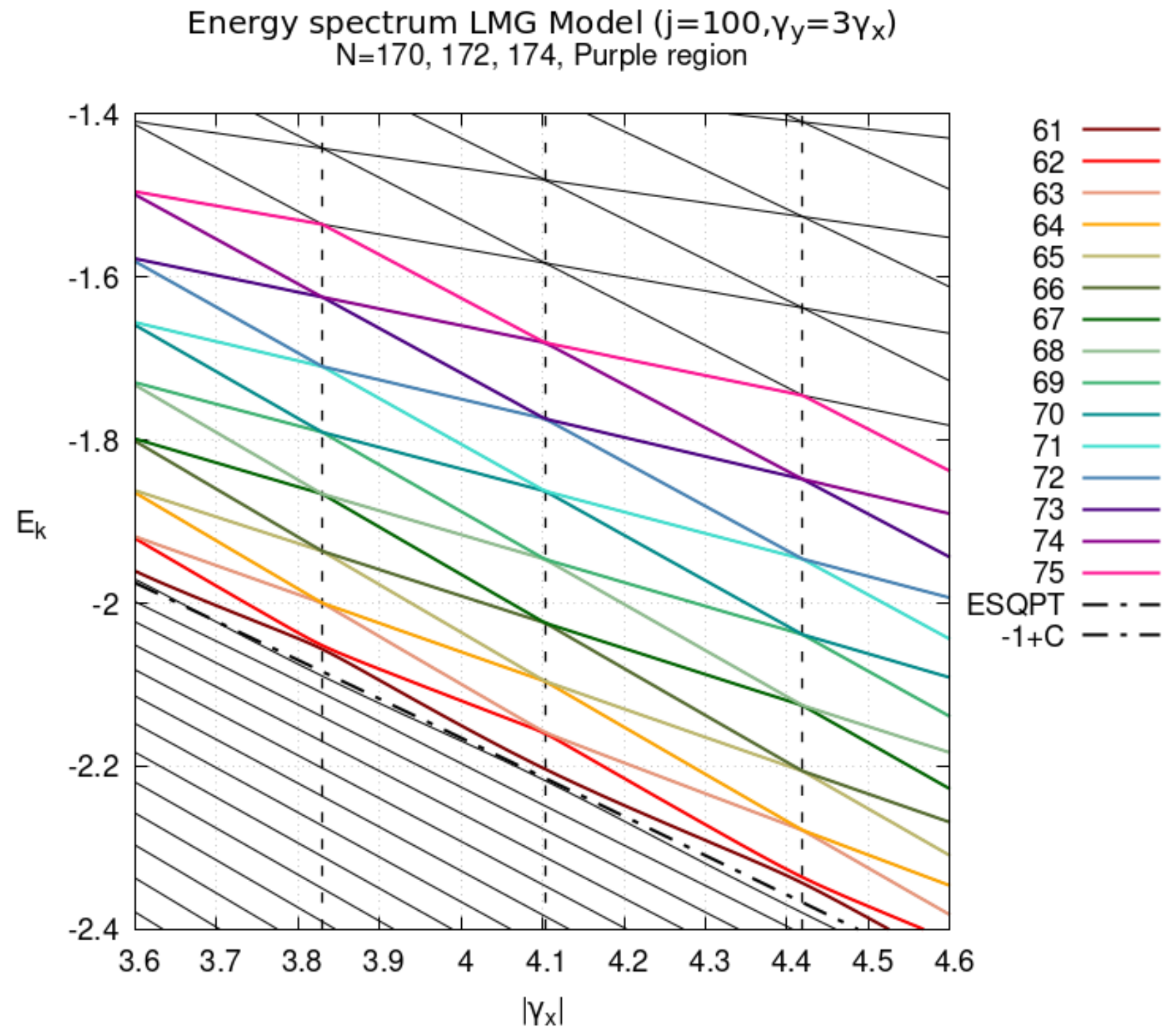
LMG energy spectrum

1



≡ Previous result

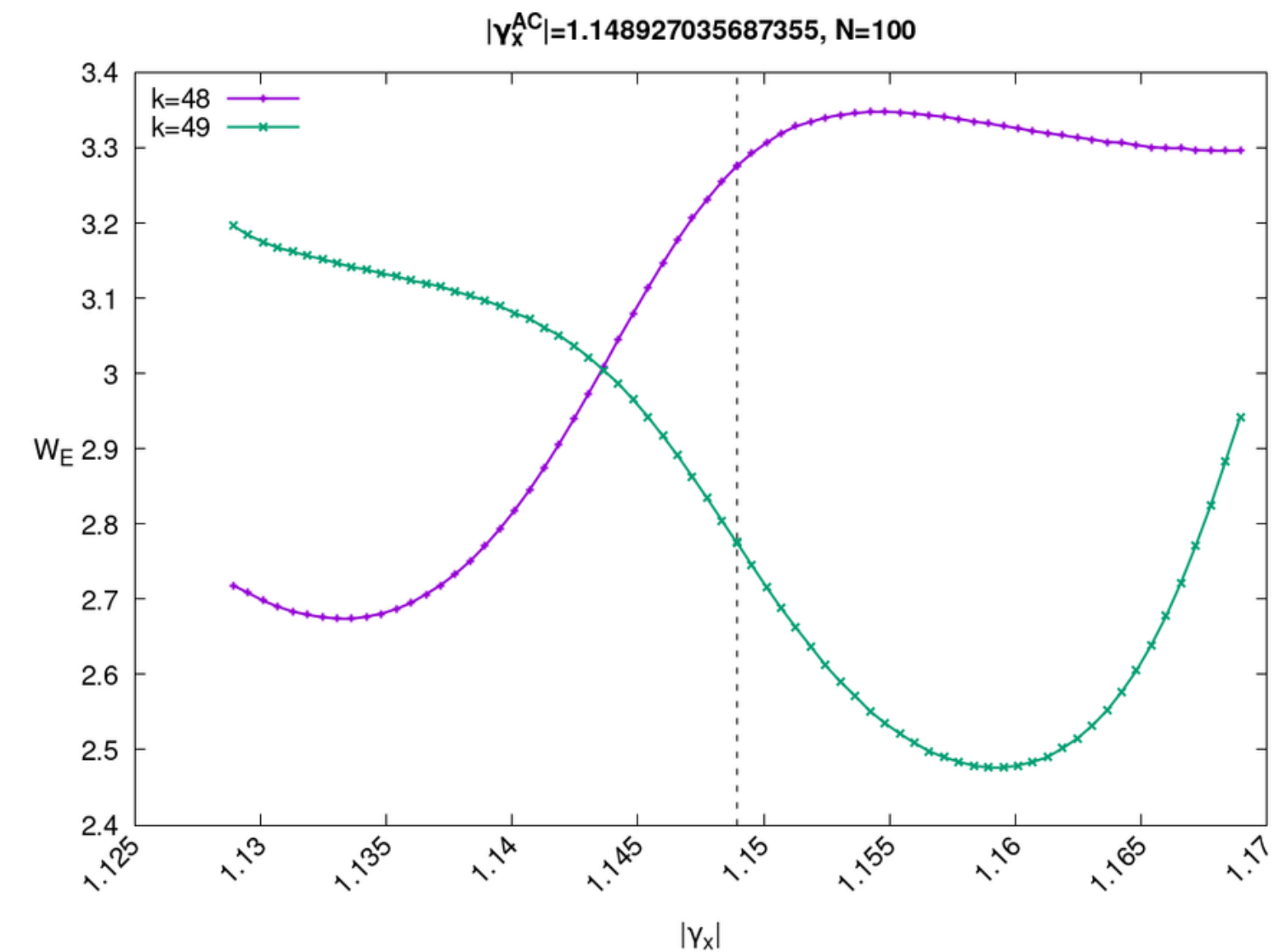
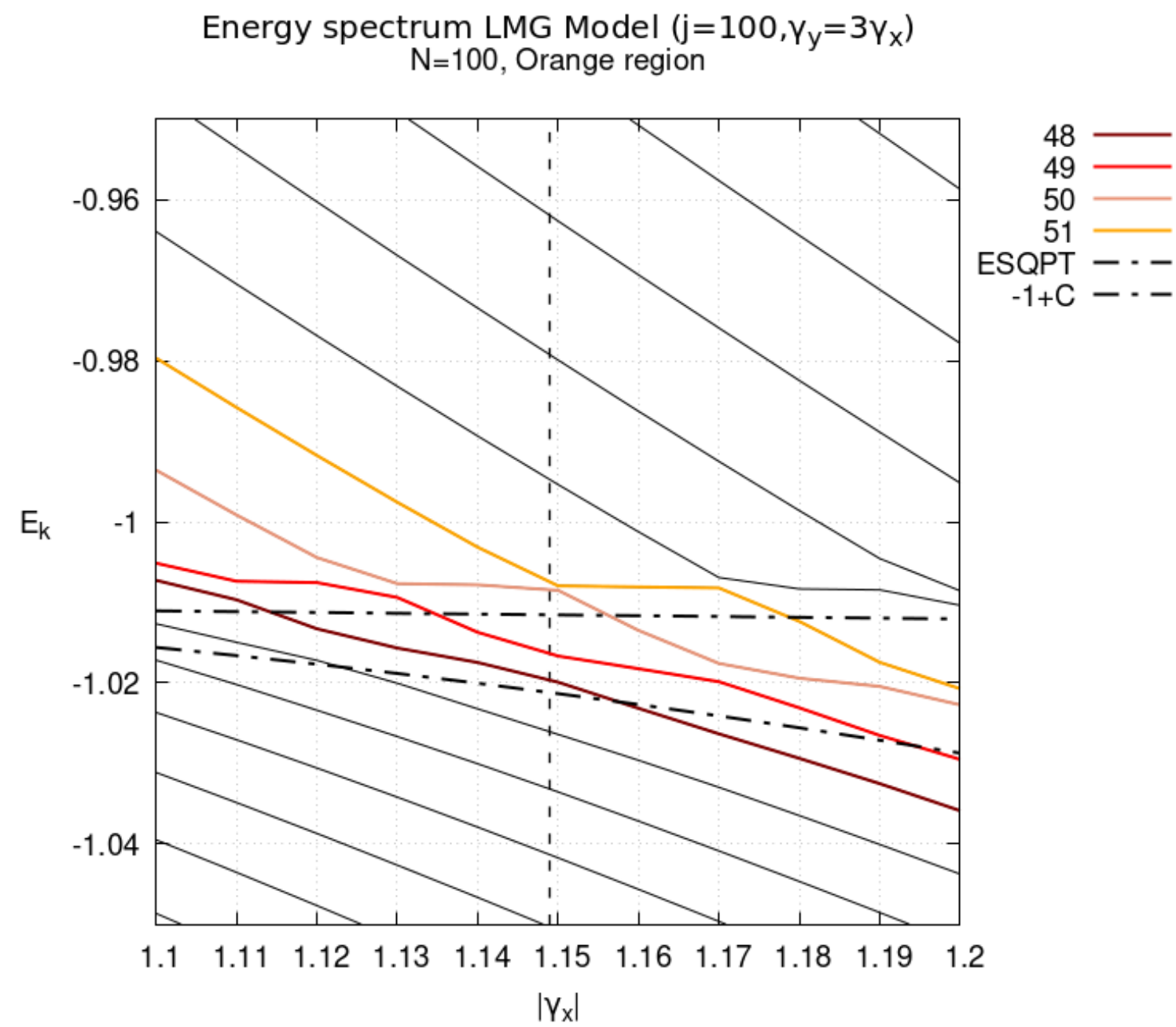
- ACs at $N=170$ & 174 correspond to different pairs of levels.
(61-62) \rightarrow (63-64) \rightarrow (65-66) \rightarrow ... (73-74)
- ACs at $N=172$ correspond to the pairs
(62-63) \rightarrow (64,65) \rightarrow (66-67) \rightarrow ... (74-75)



$\equiv N=100$

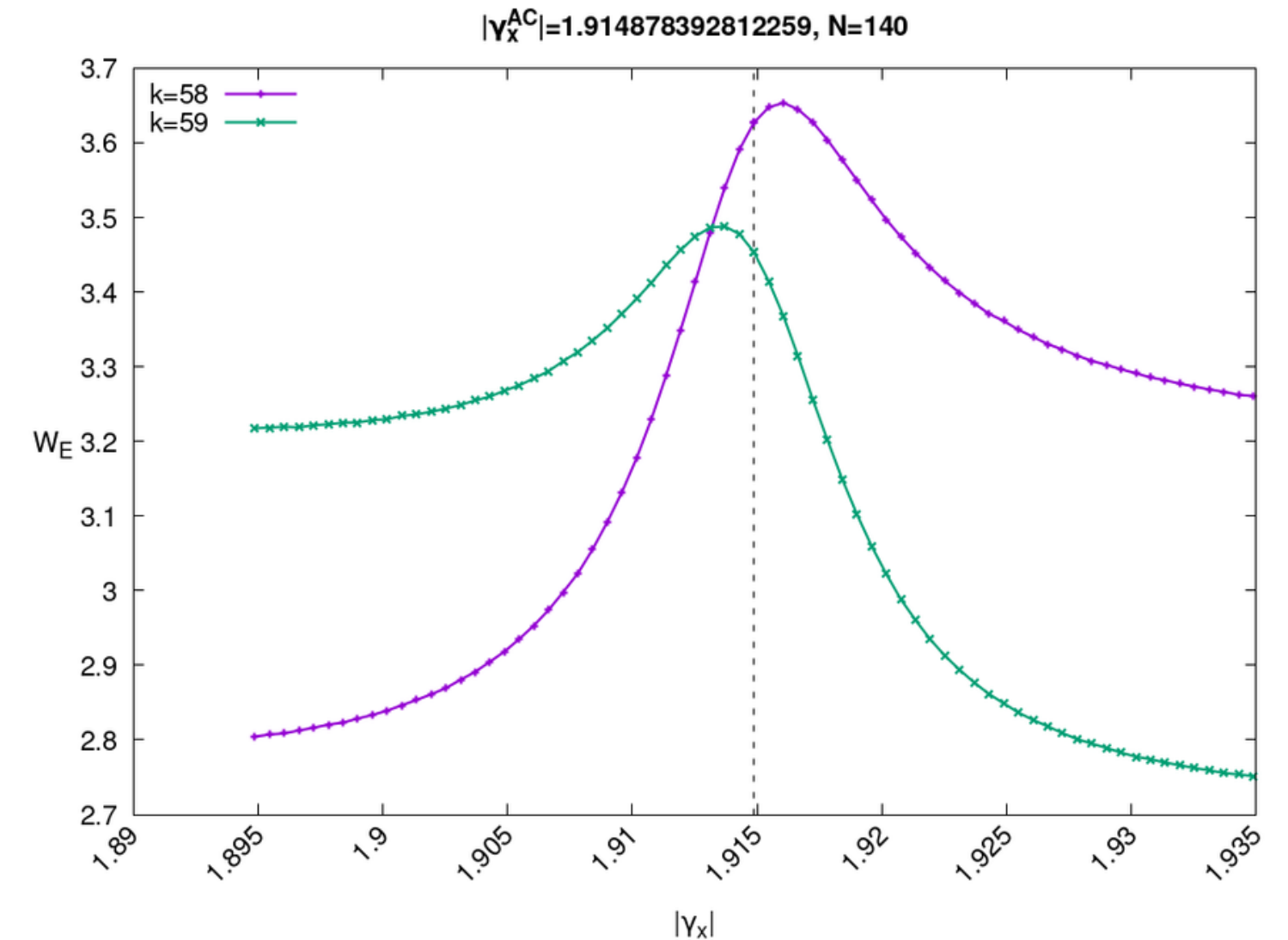
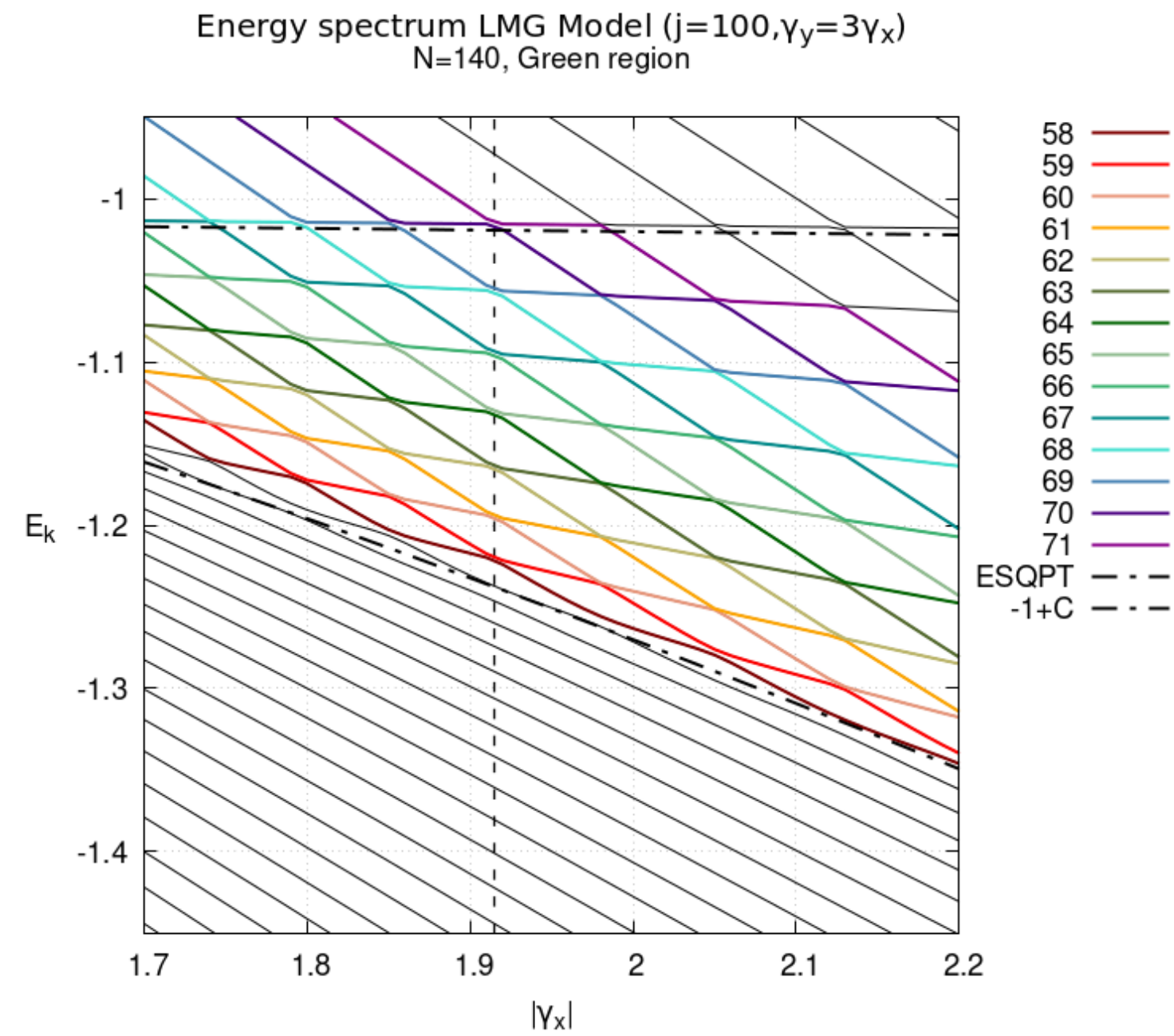
3

- Entropy of the first pair after the ESQPT does not cross at the AC.



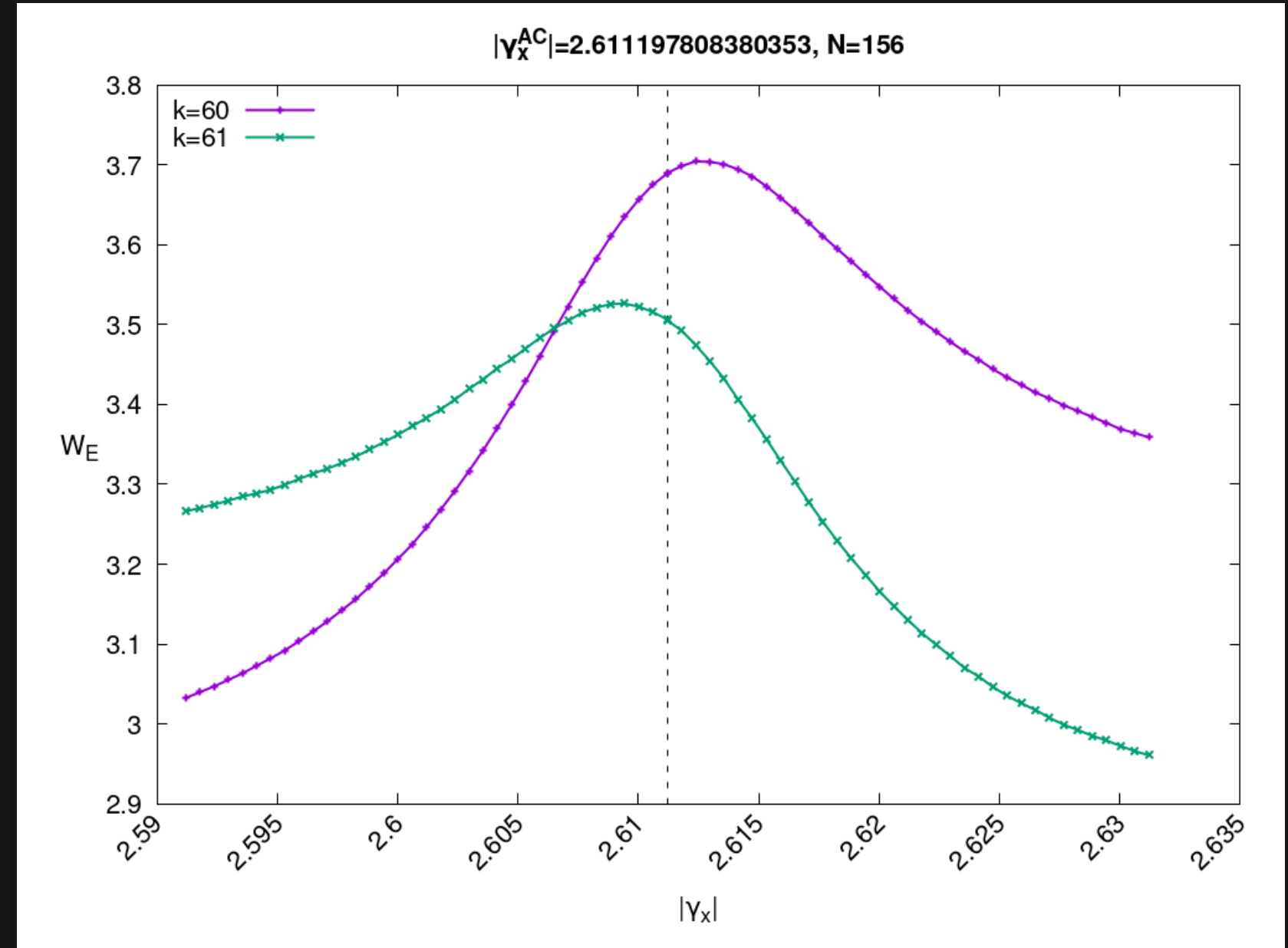
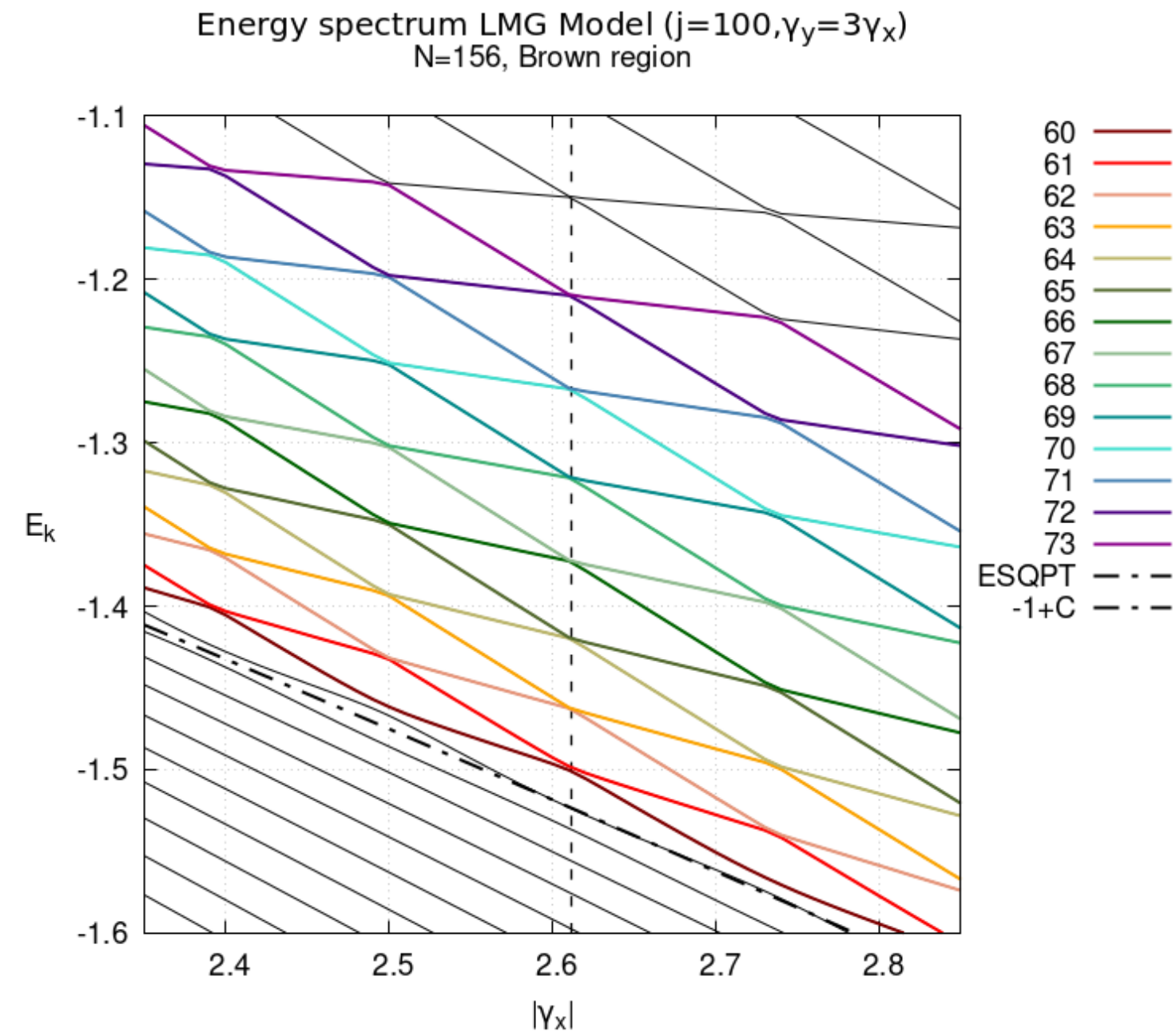
$\equiv N=140$

4



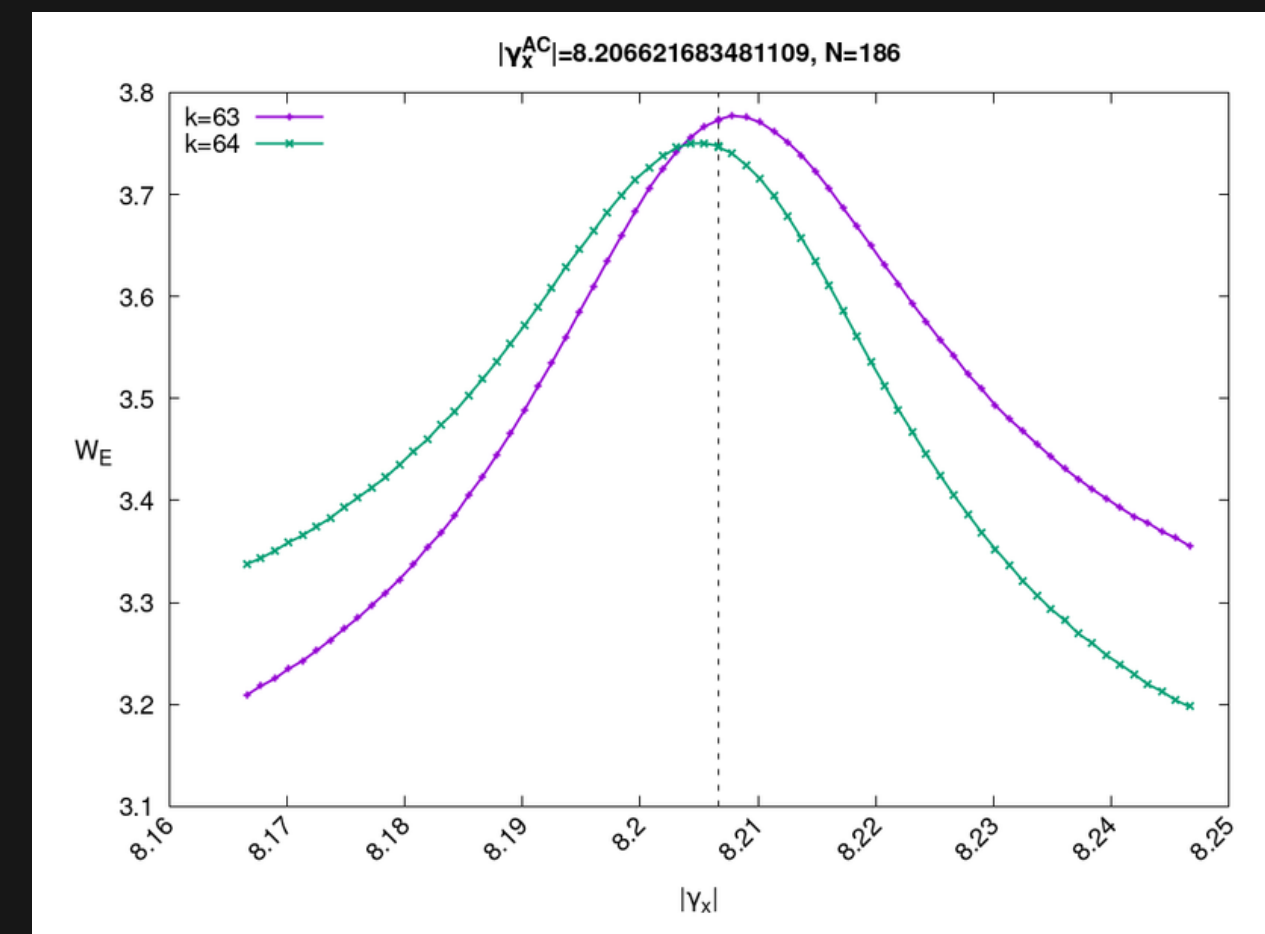
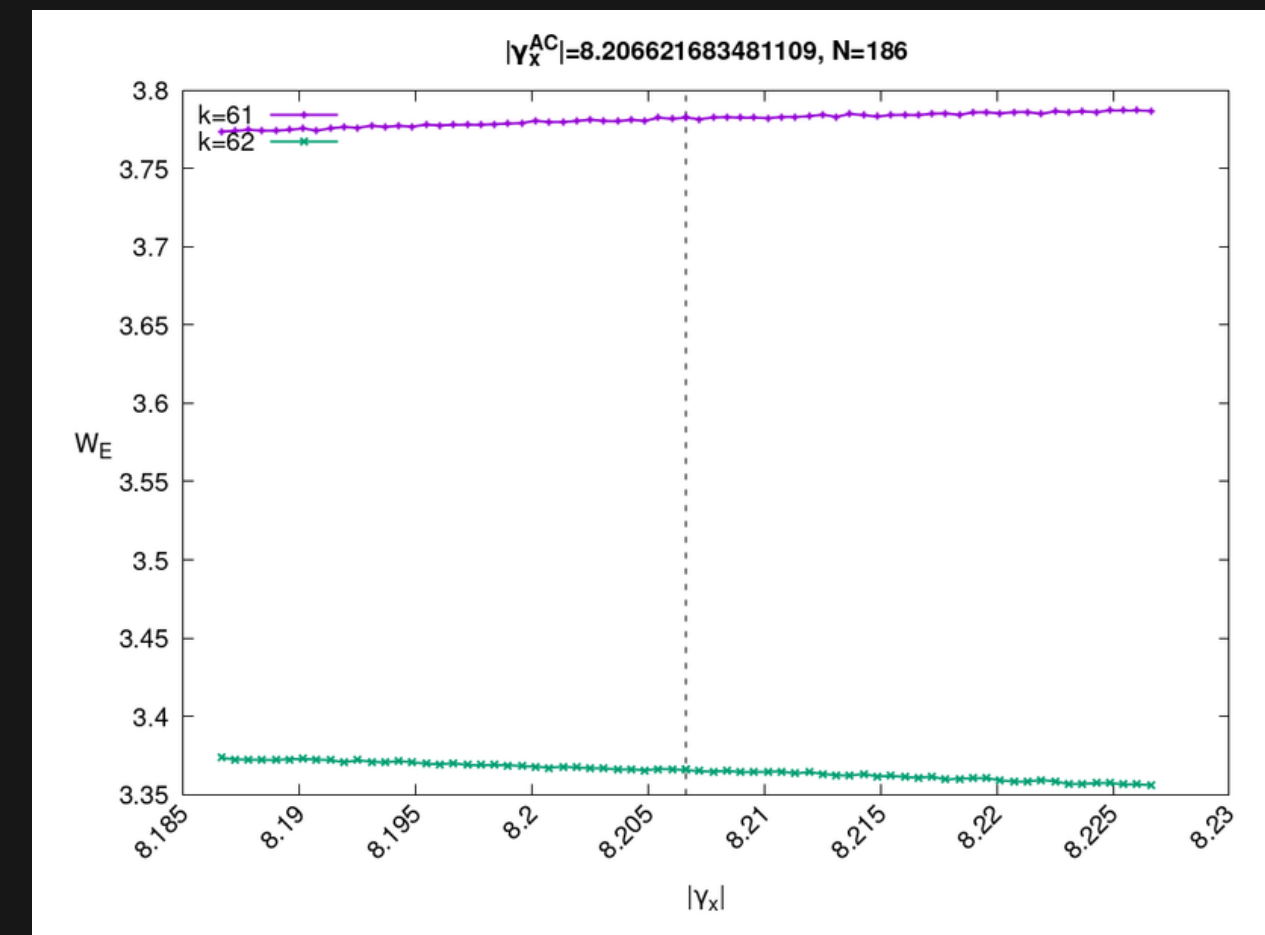
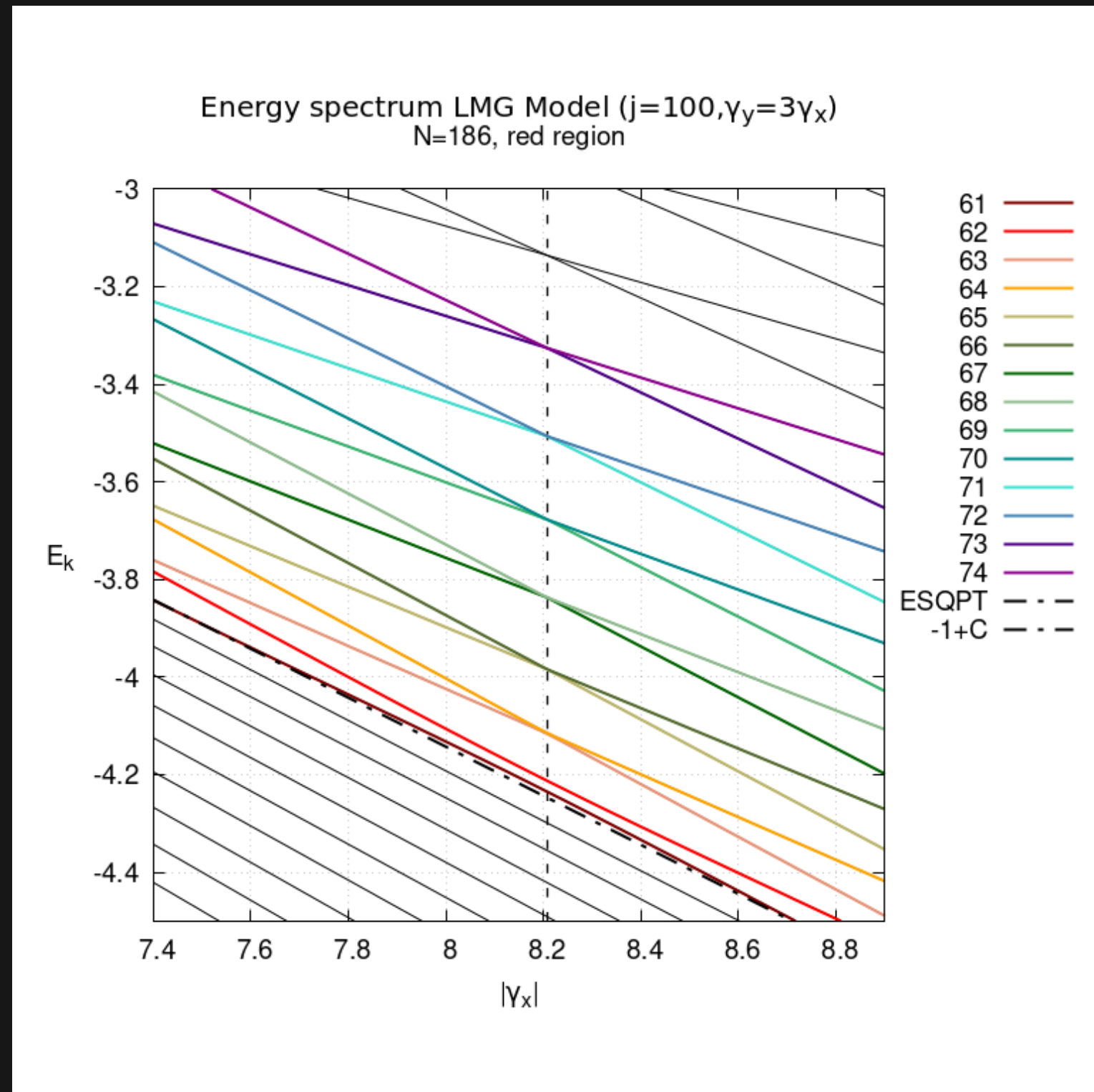
$\equiv N = 156$

5

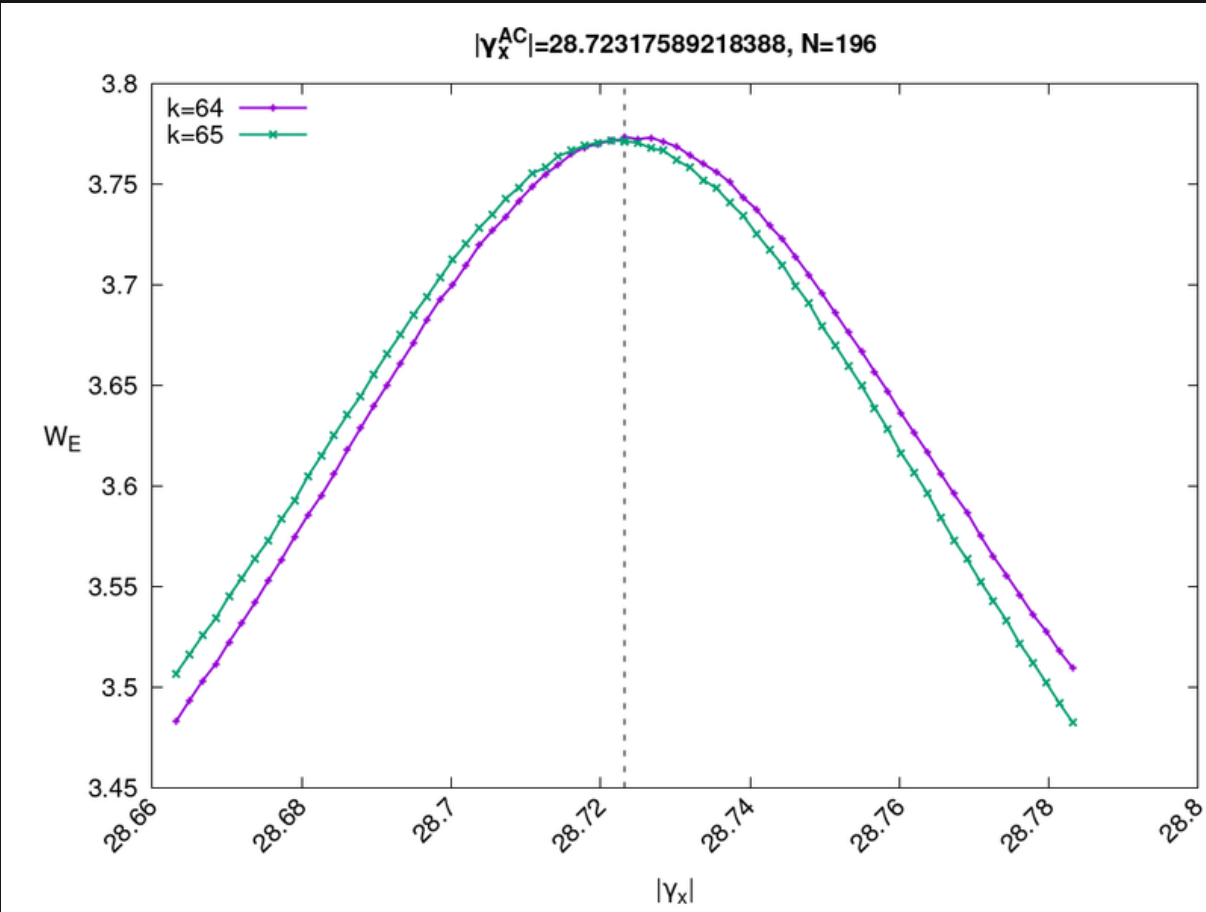
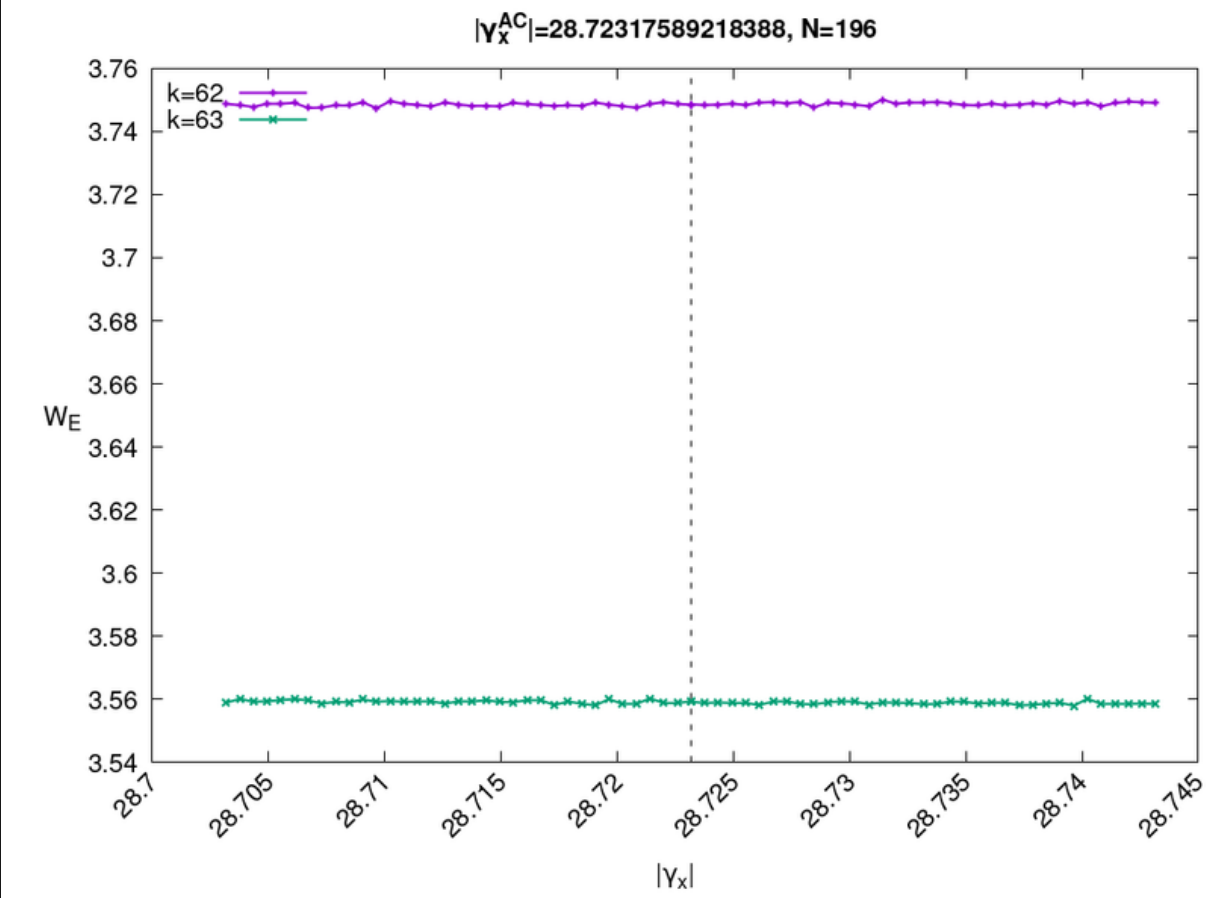
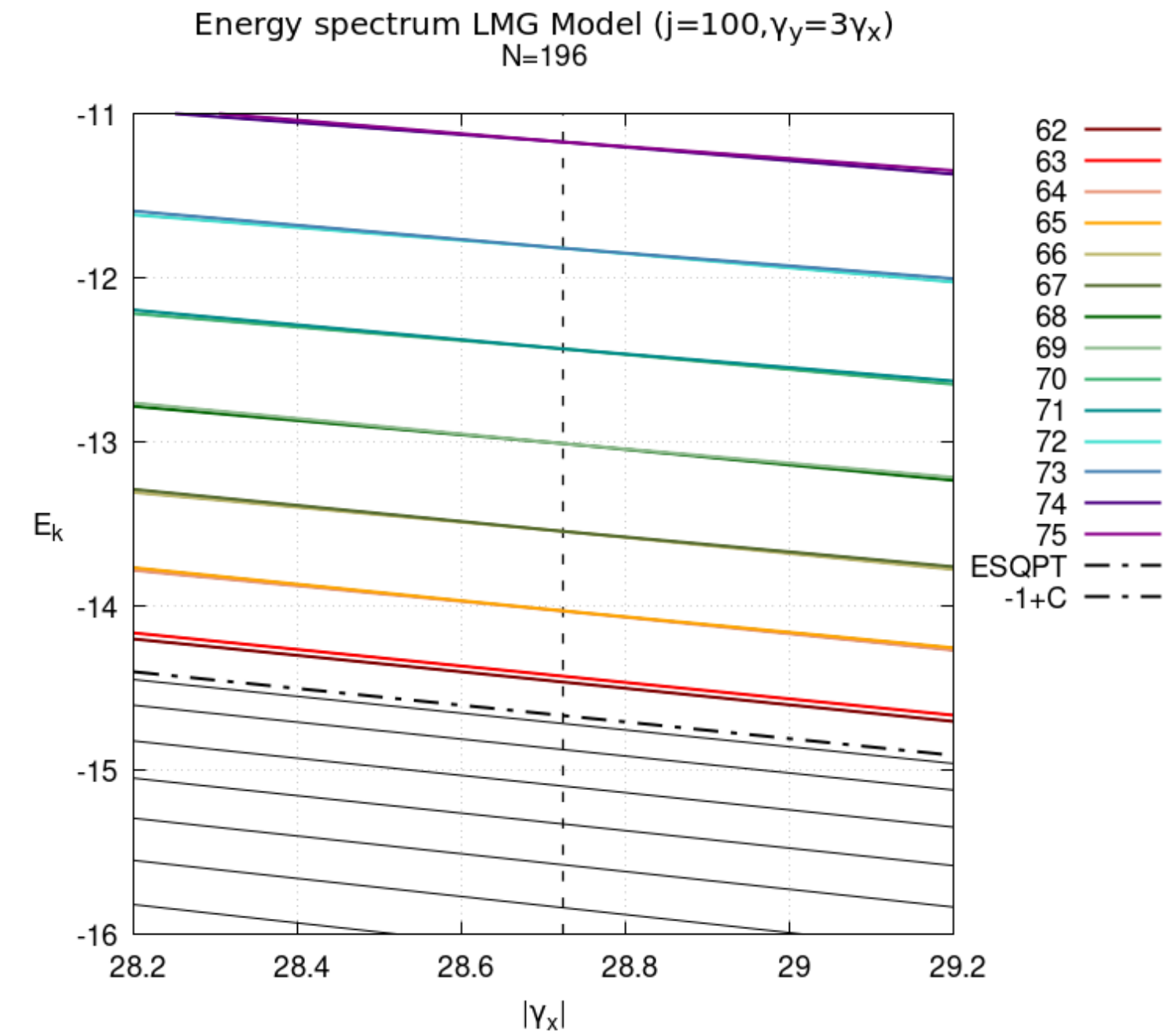


$\equiv N=186$

6



$\equiv N=196$



Linear fits of σ vs. ΔE_i at 6 AC

7

