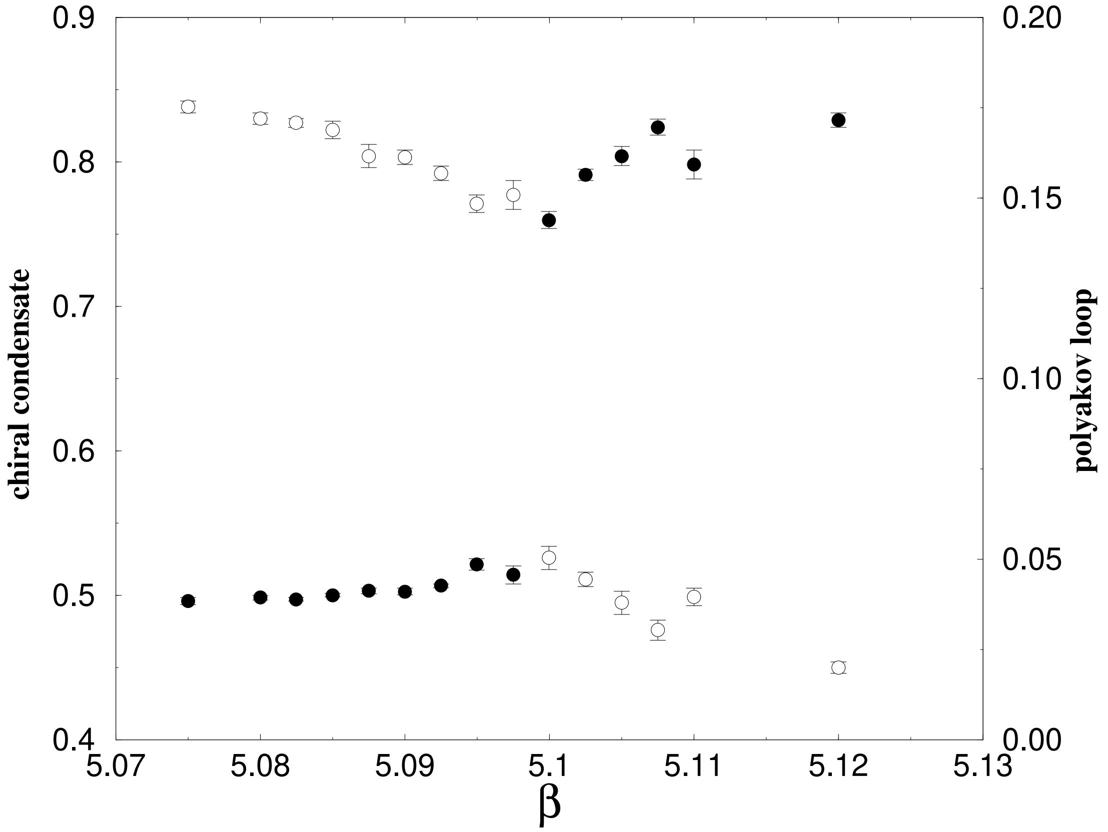

FIG. 4. Chiral condensate (white circles) and absolute value of the Polyakov loop (black circles) as a function of β for $\theta = \pi/3$. The sharp changes of the two quantities coincide with the location of endpoint of the RW critical line.

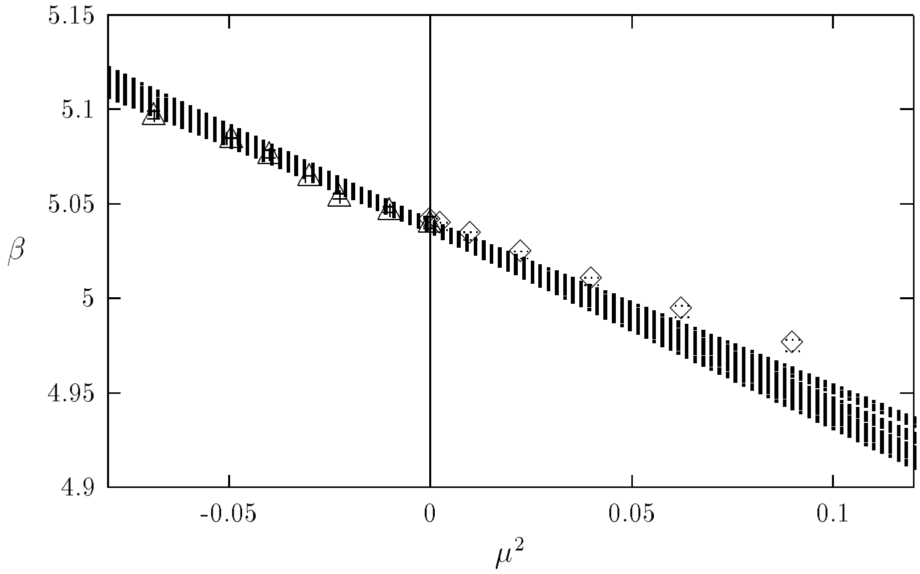

FIG. 6. The critical line of four flavor QCD, $m_q = .05$, in the μ^2, β plane. The dotted lines show the range of the results of the quadratic fits described in the text. The triangles are our results for the critical coupling from Table I. The results by Fodor and Katz (diamonds) are plotted for comparison.

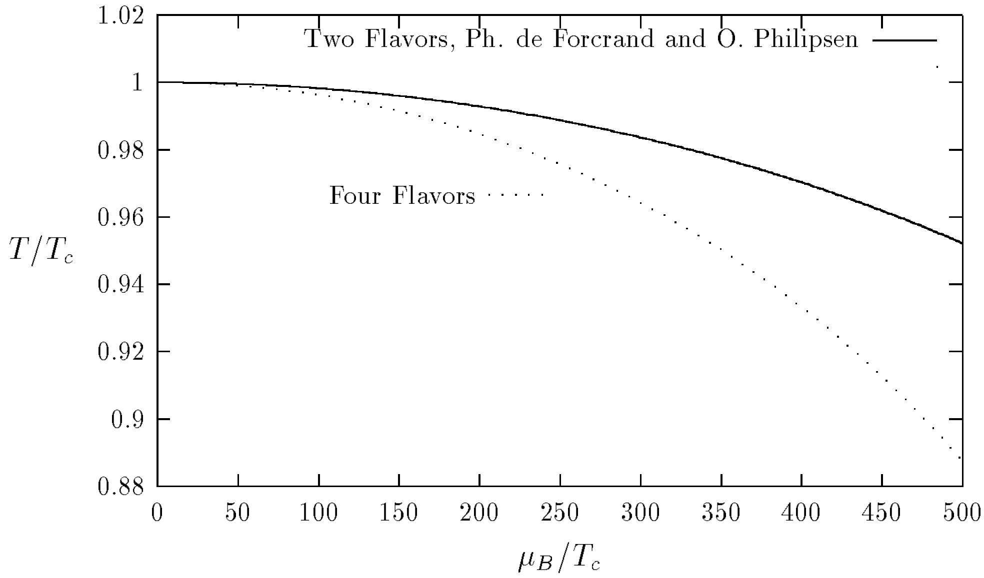

FIG. 9. Scale invariant plot for the QCD critical line at high temperature, from imaginary chemical potential. Results for two flavors of staggered fermions (solid line) are from De Forcrand and Philipsen. The four flavor critical line (dotted) lies consistently below the two flavor one, the effect growing larger at larger density.