



Figure 3.2 Best-fit K_0 vs. redshift. Some clusters have K_0 error bars smaller than the point. The clusters with upper-limits (*black points with downward arrows*) are: A2151, AS0405, MS 0116.3-0115, and RX J1347.5-1145. The numerically labeled clusters are: (1) M87, (2) Centaurus Cluster, (3) RBS 533, (4) HCG 42, (5) HCG 62, (6) SS2B153, (7) A1991, (8) MACS0744.8+3927, and (9) CL J1226.9+3332. For CLJ1226, Maughan et al. (2007) found best-fit $K_0 = 132 \pm 24 \text{ keV cm}^2$ which is not significantly different from our value of $K_0 = 166 \pm 45 \text{ keV cm}^2$. The lack of $K_0 < 10 \text{ keV cm}^2$ clusters at $z > 0.1$ is most likely the result of insufficient angular resolution (see §3.4.2).