

Table 5. Global X-ray properties of hot ISM

Column 1. Galaxy name (NGC or IC name)

Column 2. Merge id (or mid in short)

Column 3. Distance in Mpc (same as in Table 2)

Column 4. Re (effective radius) in kpc

Column 5. 5 x Re in kpc

Column 6. Rmax in kpc (the maximum radius to which the hot gas can be measured)

Column 7, 9, 11: $I_{\mathrm{X GAS}}$ within three radii given in Column 4, 5, 6.

Column 7, 9, 11 LX,GAS within three radii given in Column 4, 5, 8.

Column 8, 10, 12 error in $T_{\text{ex,gas}}$ within three radii given in Column 13, 15, 17. T_{gas} within three radii given in Column 4, 5, 6.

Column 15, 15, 17 GAS within three radii given in Column 4, 5, 6.