

**Figure 13–1**

This figure contains time curves for various spectral measurements and broadband observations. The horizontal axis is the epoch of observation in years. Only selected objects and quantities are presented.

The broadband measurements are given in terms of relative intensity and are indicated by either  $R_s$  or V2 on the left hand side of the plot.

The spectral measurements are taken from table 12-1. The BALs are given as rest equivalent widths (REWs) in Å, and are calculated as described in chapter 12. An exception was made for 0846+1540, where REWs were calculated only across the highest velocity BAL. The BELs are given as relative emission line intensities, which are calculated by multiplying the REW by the relative flux, and rescaling to a mean of one. This neglects any change in the continuum slope. The continuum slope,  $\alpha_{UV}$ , is the same as  $\alpha$  which is presented in column 4 of table 12-1. It is calculated as described in chapter 12.

See text for details and discussion of individual objects, and for explanations of the special markings on the 0019+0107 and 1423+5000 plots.