FIG. 3. The Kolmogorov constant C_κ *versus* the microscale Reynolds number R_λ for a variety of flows listed in Tables I–IV. A single symbol is used to denote all data from each single table. Ignoring data for $R_\lambda < 50$ (where there may be an increasing trend with R_λ), the mean value of all the data is 0.53, with a standard deviation of 0.055.