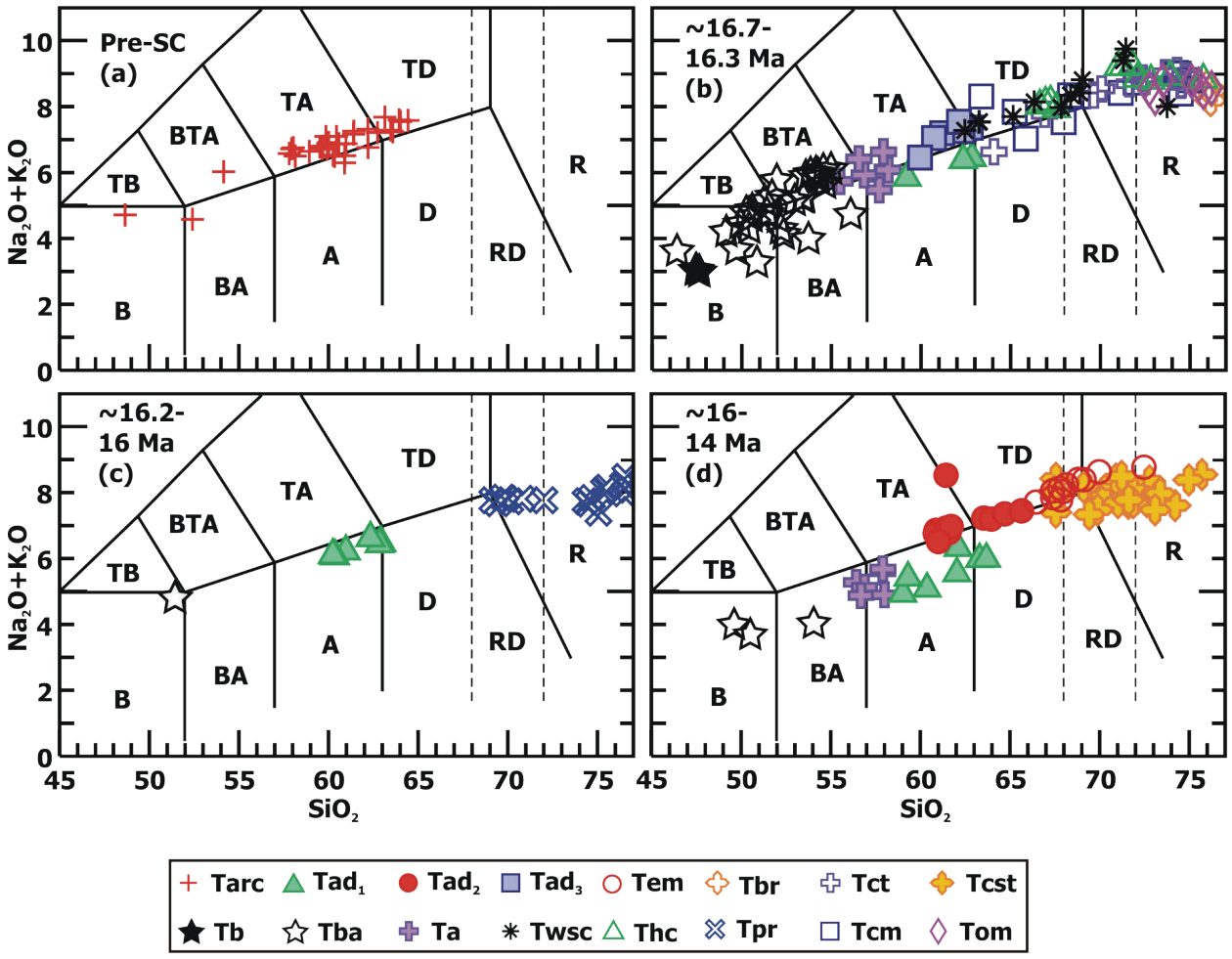

Figure 16. Total alkalies vs. silica volcanic rock classification of LeBas and others (1986) illustrating the compositional variations of local eruptive products over the same time slices in Figure 34. **(a)** Pre-SC Tarc volcanism. **(b)** 16.7- to 16.3-Ma SC activity. **(c)** 16.2- to 16-Ma SC activity. **(d)** 16- to 14-Ma SC activity. Notice the compositional spectrum of SC units being erupted throughout as well as the time-transgressive character of some SC units.