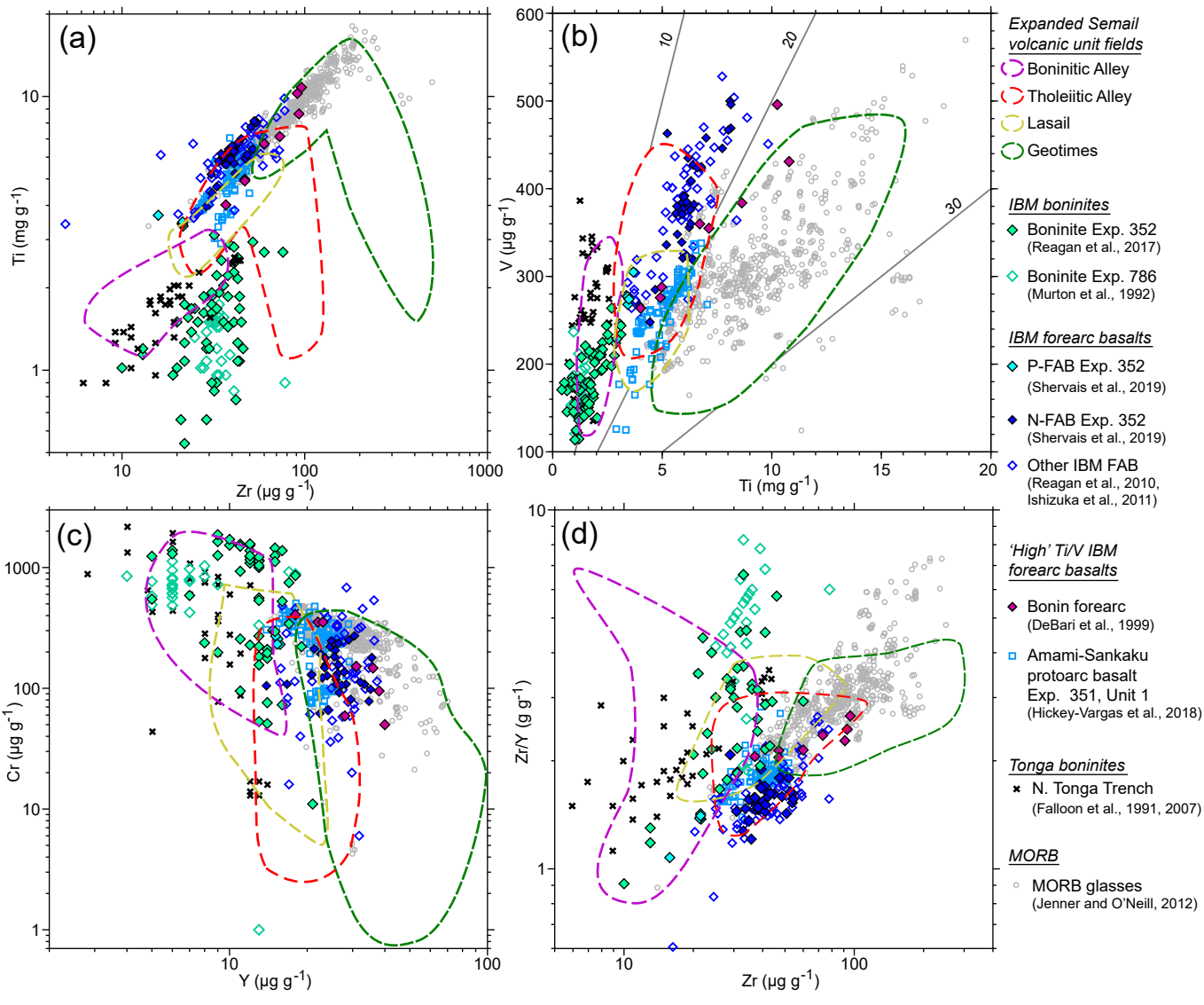
(a)
Ti (mg g-1)
Zr (µg g-1)
(b)
V (µg g-1)
Ti (mg g-1)
10
20
30
(c)
Cr (µg g-1)
Y (µg g-1)
(d)
Zr/Y (g g-1)
Zr (µg g-1)
Expanded Semail volcanic unit fields
Boninitic Alley
Tholeiitic Alley
Lasail
Geotimes
IBM boninites
Boninite Exp. 352 (Reagan et al., 2017)
Boninite Exp. 786 (Murton et al., 1992)
IBM forearc basalts
P-FAB Exp. 352 (Shervais et al., 2019)
N-FAB Exp. 352 (Shervais et al., 2019)
Other IBM FAB (Reagan et al., 2010, Ishizuka et al., 2011)
'High' Ti/V IBM forearc basalts
Bonin forearc (DeBari et al., 1999)
Amami-Sankaku protoarc basalt Exp. 351, Unit 1 (Hickey-Vargas et al., 2018)
Tonga boninites
N. Tonga Trench (Falloon et al., 1991, 2007)
MORB
MORB glasses (Jenner and O'Neill, 2012)