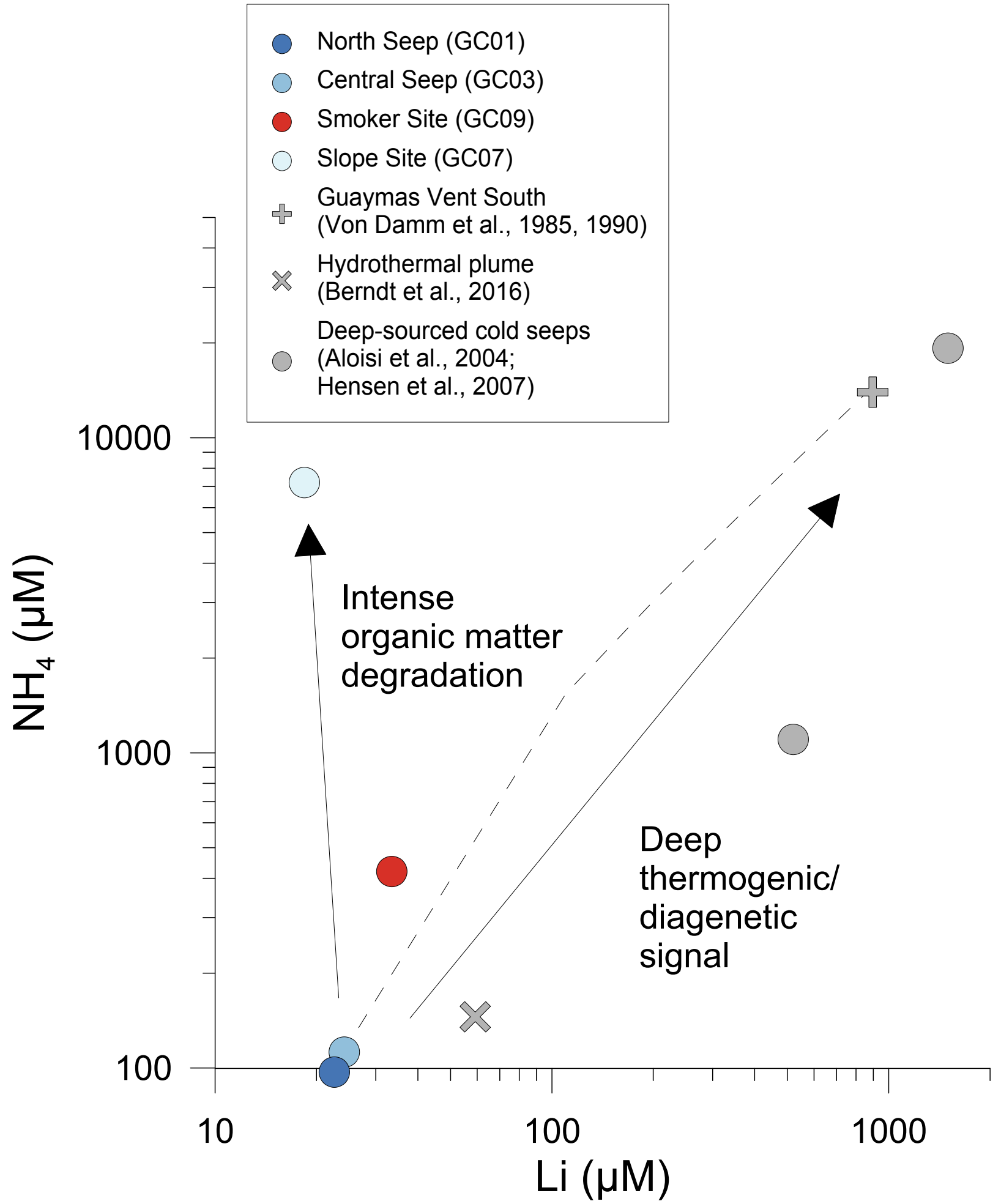
North Seep (GC01)
Central Seep (GC03)
Smoker Site (GC09)
Slope Site (GC07)
Guaymas Vent South
(Von Damm et al., 1985, 1990)
Hydrothermal plume
(Berndt et al., 2016)
Deep-sourced cold seeps
(Aloisi et al., 2004;
Hensen et al., 2007)
Intense
organic matter
degradation
Deep
thermogenic/
diagenetic
signal
10000
1000
100
10
100
1000
NH4 (µM)
Li (µM)