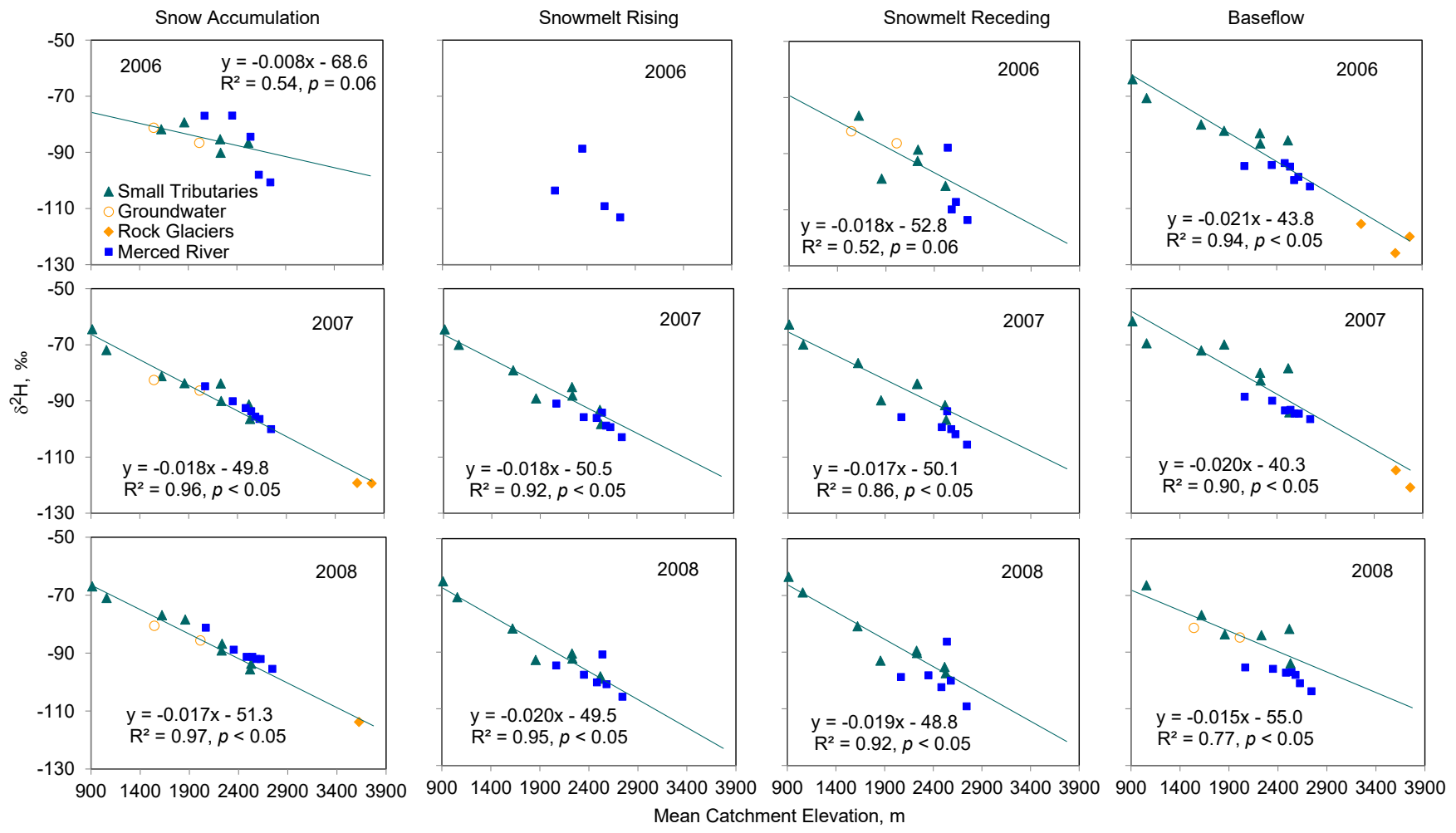
Snow Accumulation
Snowmelt Rising
Snowmelt Receding
Baseflow
2006
y = -0.008x - 68.6
R² = 0.54, p = 0.06
Small Tributaries
Groundwater
Rock Glaciers
Merced River
y = -0.018x - 52.8
R² = 0.52, p = 0.06
y = -0.021x - 43.8
R² = 0.94, p < 0.05
2007
y = -0.018x - 49.8
R² = 0.96, p < 0.05
y = -0.018x - 50.5
R² = 0.92, p < 0.05
y = -0.017x - 50.1
R² = 0.86, p < 0.05
y = -0.020x - 40.3
R² = 0.90, p < 0.05
2008
y = -0.017x - 51.3
R² = 0.97, p < 0.05
y = -0.020x - 49.5
R² = 0.95, p < 0.05
y = -0.019x - 48.8
R² = 0.92, p < 0.05
y = -0.015x - 55.0
R² = 0.77, p < 0.05
δ2H, ‰
-50
-70
-90
-110
-130
900
1400
1900
2400
2900
3400
3900
Mean Catchment Elevation, m