

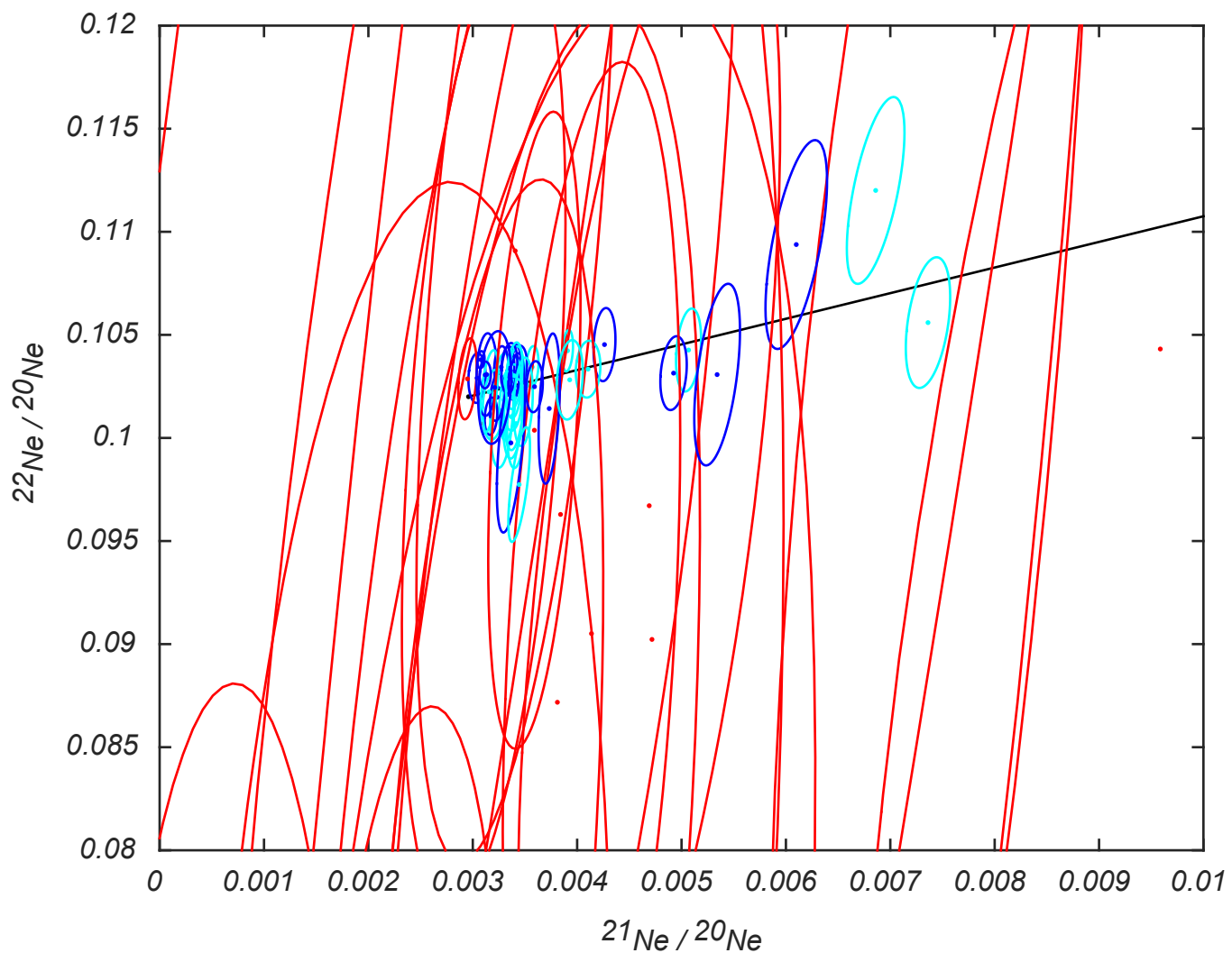


Figure S1a. Neon isotope ratios measured in Schmidt Hills quartz (see Table S3a). Ellipses show 68% confidence regions. Light blue, dark blue, and red data are low (400° C), intermediate (850° C) and high (1100° C) temperature steps, respectively. The black line is the mixing line between atmospheric-composition and cosmogenic Ne.