The diagram illustrates the distribution of lead isotopic ratios in blood, dust, and soil samples. The x-axis represents the lead ratio $^{207}\text{Pb}/^{206}\text{Pb}$, and the y-axis represents the lead ratio $^{206}\text{Pb}/^{204}\text{Pb}$. The data points for blood samples are denoted by red circles, dust samples by blue triangles, and soil samples by green squares. The error bars indicate the variability of the data within each sample type.