

The diagram shows a mass spectrometer setup. On the left, three horizontal rectangular regions represent ion sources or acceleration zones. Ions are shown as small circles moving from left to right. A vertical dashed line indicates a boundary. To the right of this boundary, there are three vertical rectangular regions labeled Y, Pb, and Pr. Below these regions, the mass-to-charge ratio (m/z) is indicated: 238 for Pb, 54 for Pr, and 57 for Y. A horizontal dashed line with a triple bar symbol (≡) is shown below the 57 m/z label.