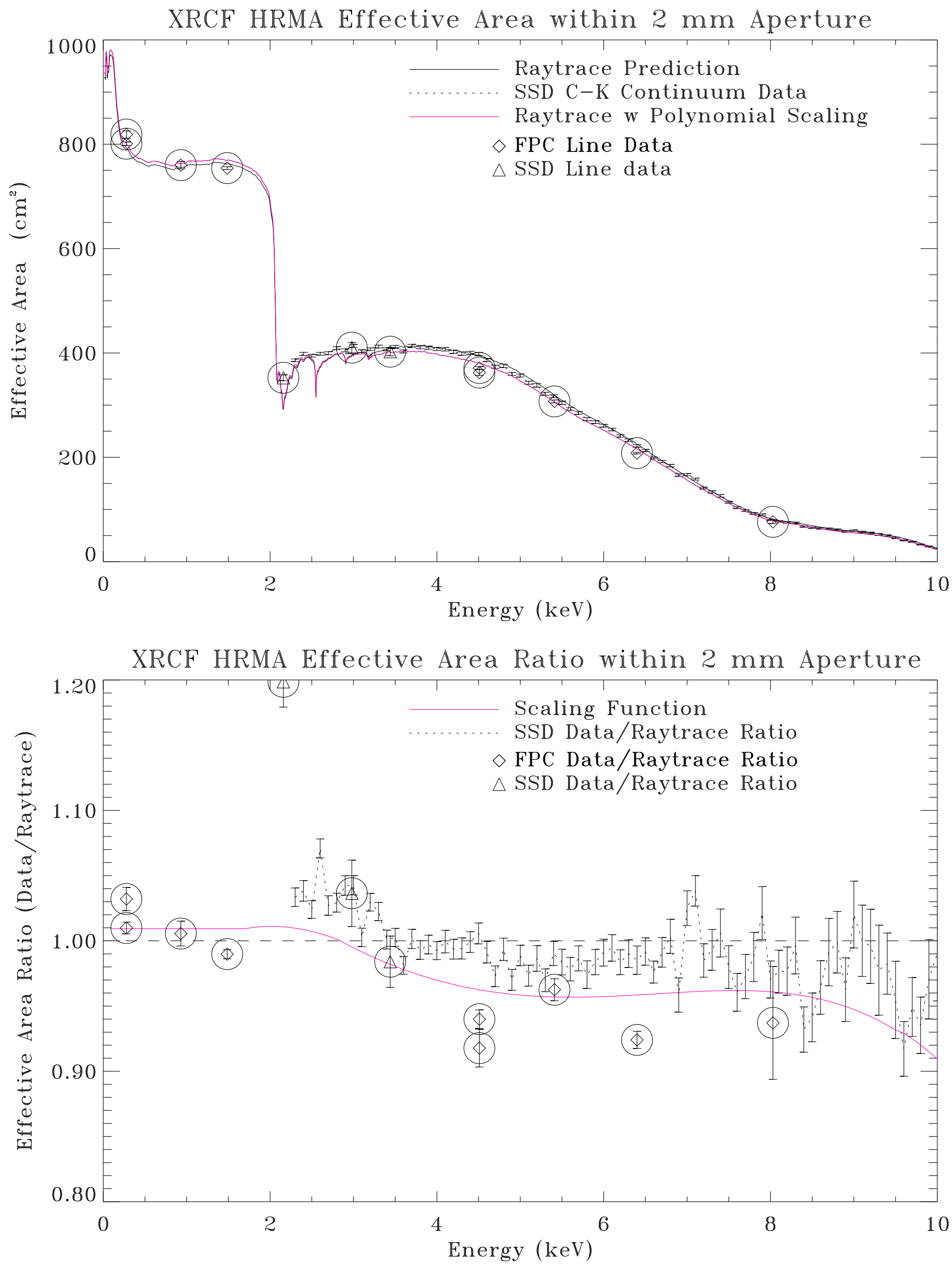


**Figure 7.** The HRMA effective area measured at the XRCF. In the upper panel: the solid line is the raytrace simulation of the HRMA effective area within a 2 mm diameter aperture at the focus; the dashed line with error bars shows the SSD data with a C-K continuum source; the diamonds and triangles show the FPC and SSD data with spectral line sources. The lower panel shows deviation of data from the raytrace: the dashed line with error bars is the ratio of SSD C-K continuum data vs. the raytrace; the diamonds and triangles show the ratio of FPC and SSD spectral line data vs. the raytrace; the solid line is a polynomial function, which gives equal weight to the deviations of the continuum and line measurements, for scaling the raytrace simulation to provide the predicted HRMA effective area.