

Fits versus opposing current.

Presented here are averaged data taken during the period April 28-May 22, 2021, for the spot judged closest to the true beamstrahlung peak, as a function of opposite current. A beamstrahlung signal will show a parabolic behavior. The background is subtracted using a single spot at least 3000 units away from the beamstrahlung peak.

The positron UP data are presented with no fit as there is a clear “negative” signal, even though rates do increase in the presence of the opposite beam.











