ISR RUNNING-IN

Run 103, Ring 1, 10.5 GeV, 20 bunches, 17.00 - 18.00

Betatron amplitude at 10.5 GeV

Single pulses were killed by ST on the injection orbit. The scraper scans are shown in the attached figures. We conclude that the rms betatron amplitude at the scraper is about 5.1 mm, the average of 4.2 and 6.0 mm. Hence, the beam radius at maximum horizontal $\beta$ is about 16 mm. This is more than a factor of two bigger than at 22 GeV/c.

E. Keil

Distributions:
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