

alignment:

— horizontal

— vertical, right arm

— vertical, right-left transfer

alignment + optics:

— tilt in x - y plane

optics:

— mode 1

— mode 2

acceptance correction:

— beam divergence RMS uncertainty

— beam divergence left-right asymmetry

— beam divergence non-gaussianity

uncorrelated 1-RP efficiencies:

- - - slope uncertainty, 45 bottom – 56 top

- - - slope uncertainty, 45 top – 56 bottom

beam momentum:

- - - offset from nominal

unfolding:

- - - ϑ_x^* resolution uncertainty

- - - ϑ_y^* resolution uncertainty

- - - model dependence

envelope of uncertainties:

— $\pm 1 \sigma$

