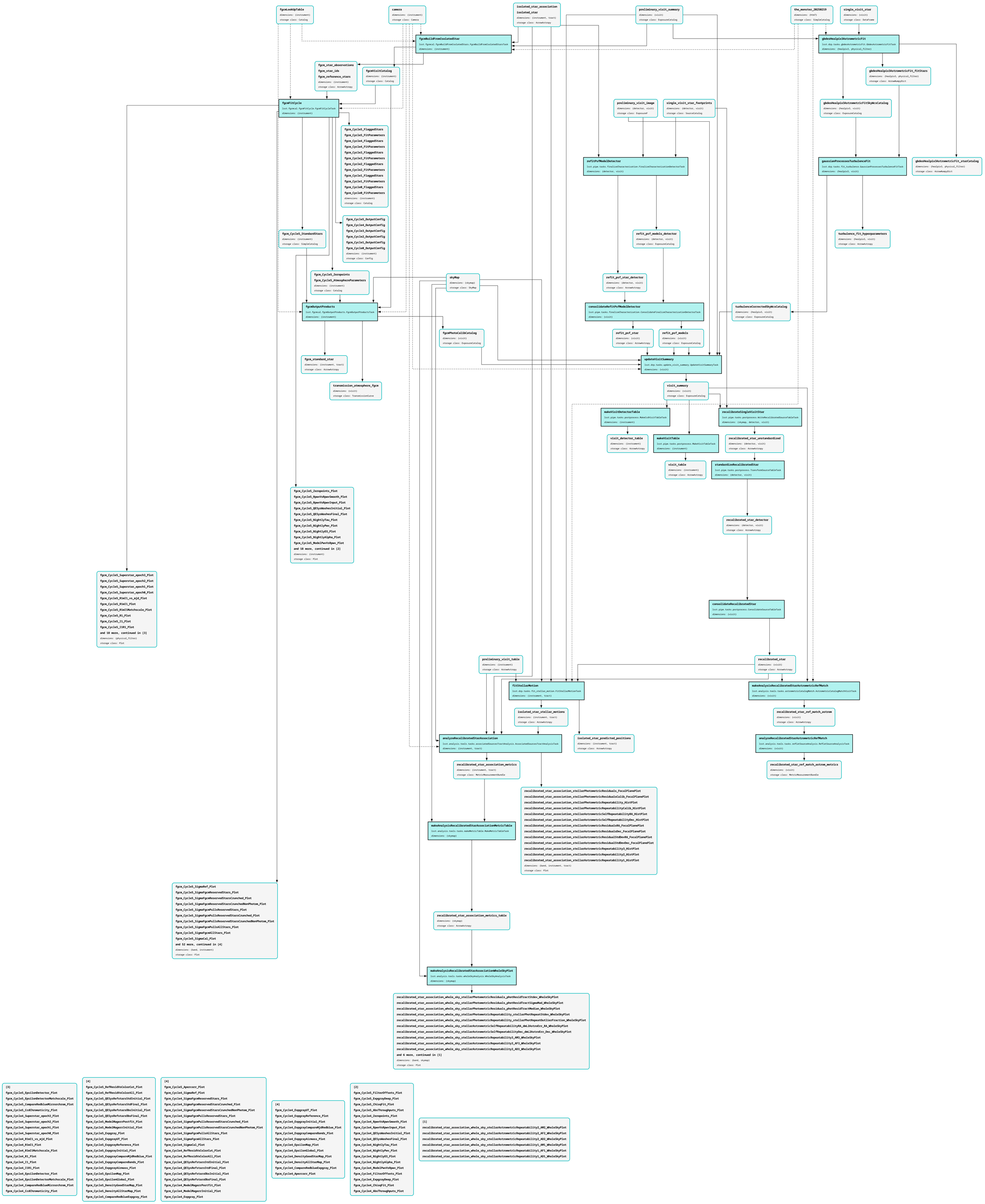
fgcmLookUpTable
dimensions: {instrument}
storage class: Catalog
camera
dimensions: {instrument}
storage class: Camera
isolated_star_association
isolated_star
dimensions: {instrument, tract}
storage class: ArrowAstropy
preliminary_visit_summary
dimensions: {visit}
storage class: ExposureCatalog
the_monster_20250219
dimensions: {htm7}
storage class: SimpleCatalog
single_visit_star
dimensions: {visit}
storage class: DataFrame
fgcmBuildFromIsolatedStar
lsst.fgcmcal.fgcmBuildFromIsolatedStars.FgcmBuildFromIsolatedStarsTask
dimensions: {instrument}
gbdesHealpix3AstrometricFit
lsst.drp.tasks.gbdesAstrometricFit.GbdesAstrometricFitTask
dimensions: {healpix3, physical_filter}
fgcm_star_observations
fgcm_star_ids
fgcm_reference_stars
dimensions: {instrument}
storage class: ArrowAstropy
fgcmVisitCatalog
dimensions: {instrument}
storage class: Catalog
gbdesHealpix3AstrometricFit_fitStars
dimensions: {healpix3, physical_filter}
storage class: ArrowNumpyDict
fgcmFitCycle
lsst.fgcmcal.fgcmFitCycle.FgcmFitCycleTask
dimensions: {instrument}
preliminary_visit_image
dimensions: {detector, visit}
storage class: ExposureF
single_visit_star_footprints
dimensions: {detector, visit}
storage class: SourceCatalog
gbdesHealpix3AstrometricFitSkyWcsCatalog
dimensions: {healpix3, visit}
storage class: ExposureCatalog
fgcm_Cycle5_FlaggedStars
fgcm_Cycle5_FitParameters
fgcm_Cycle4_FlaggedStars
fgcm_Cycle4_FitParameters
fgcm_Cycle3_FlaggedStars
fgcm_Cycle3_FitParameters
fgcm_Cycle2_FlaggedStars
fgcm_Cycle2_FitParameters
fgcm_Cycle1_FlaggedStars
fgcm_Cycle1_FitParameters
fgcm_Cycle0_FlaggedStars
fgcm_Cycle0_FitParameters
dimensions: {instrument}
storage class: Catalog
refitPsfModelDetector
lsst.pipe.tasks.finalizeCharacterization.FinalizeCharacterizationDetectorTask
dimensions: {detector, visit}
gaussianProcessesTurbulenceFit
lsst.drp.tasks.fit_turbulence.GaussianProcessesTurbulenceFitTask
dimensions: {healpix3, visit}
gbdesHealpix3AstrometricFit_starCatalog
dimensions: {healpix3, physical_filter}
storage class: ArrowNumpyDict
fgcm_Cycle5_OutputConfig
fgcm_Cycle4_OutputConfig
fgcm_Cycle3_OutputConfig
fgcm_Cycle2_OutputConfig
fgcm_Cycle1_OutputConfig
fgcm_Cycle0_OutputConfig
dimensions: {instrument}
storage class: Config
fgcm_Cycle5_StandardStars
dimensions: {instrument}
storage class: SimpleCatalog
refit_psf_models_detector
dimensions: {detector, visit}
storage class: ExposureCatalog
turbulence_fit_hyperparameters
dimensions: {healpix3, visit}
storage class: ArrowAstropy
fgcm_Cycle5_Zeropoints
fgcm_Cycle5_AtmosphereParameters
dimensions: {instrument}
storage class: Catalog
skyMap
dimensions: {skymap}
storage class: SkyMap
refit_psf_star_detector
dimensions: {detector, visit}
storage class: ArrowAstropy
fgcmOutputProducts
lsst.fgcmcal.fgcmOutputProducts.FgcmOutputProductsTask
dimensions: {instrument}
consolidateRefitPsfModelDetector
lsst.pipe.tasks.finalizeCharacterization.ConsolidateFinalizeCharacterizationDetectorTask
dimensions: {visit}
turbulenceCorrectedSkyWcsCatalog
dimensions: {healpix3, visit}
storage class: ExposureCatalog
fgcmPhotoCalibCatalog
dimensions: {visit}
storage class: ExposureCatalog
refit_psf_star
dimensions: {visit}
storage class: ArrowAstropy
refit_psf_models
dimensions: {visit}
storage class: ExposureCatalog
fgcm_standard_star
dimensions: {instrument, tract}
storage class: ArrowAstropy
updateVisitSummary
lsst.drp.tasks.update_visit_summary.UpdateVisitSummaryTask
dimensions: {visit}
transmission_atmosphere_fgcm
dimensions: {visit}
storage class: TransmissionCurve
visit_summary
dimensions: {visit}
storage class: ExposureCatalog
makeVisitDetectorTable
lsst.pipe.tasks.postprocess.MakeCcdVisitTableTask
dimensions: {instrument}
recalibrateSingleVisitStar
lsst.pipe.tasks.postprocess.WriteRecalibratedSourceTableTask
dimensions: {skymap, detector, visit}
visit_detector_table
dimensions: {instrument}
storage class: ArrowAstropy
makeVisitTable
lsst.pipe.tasks.postprocess.MakeVisitTableTask
dimensions: {instrument}
recalibrated_star_unstandardized
dimensions: {detector, visit}
storage class: ArrowAstropy
visit_table
dimensions: {instrument}
storage class: ArrowAstropy
standardizeRecalibratedStar
lsst.pipe.tasks.postprocess.TransformSourceTableTask
dimensions: {detector, visit}
fgcm_Cycle5_Zeropoints_Plot
fgcm_Cycle5_RpwvVsRpwvSmooth_Plot
fgcm_Cycle5_RpwvVsRpwvInput_Plot
fgcm_Cycle5_QESysWashesInitial_Plot
fgcm_Cycle5_QESysWashesFinal_Plot
fgcm_Cycle5_NightlyTau_Plot
fgcm_Cycle5_NightlyPwv_Plot
fgcm_Cycle5_NightlyO3_Plot
fgcm_Cycle5_NightlyAlpha_Plot
fgcm_Cycle5_ModelPwvVsRpwv_Plot
and 18 more, continued in [2]
dimensions: {instrument}
storage class: Plot
recalibrated_star_detector
dimensions: {detector, visit}
storage class: ArrowAstropy
fgcm_Cycle5_Superstar_epoch3_Plot
fgcm_Cycle5_Superstar_epoch2_Plot
fgcm_Cycle5_Superstar_epoch1_Plot
fgcm_Cycle5_Superstar_epoch0_Plot
fgcm_Cycle5_R1mI1_vs_mjd_Plot
fgcm_Cycle5_R1mI1_Plot
fgcm_Cycle5_R1mI1Matchscale_Plot
fgcm_Cycle5_R1_Plot
fgcm_Cycle5_I1_Plot
fgcm_Cycle5_I1R1_Plot
and 18 more, continued in [3]
dimensions: {physical_filter}
storage class: Plot
consolidateRecalibratedStar
lsst.pipe.tasks.postprocess.ConsolidateSourceTableTask
dimensions: {visit}
preliminary_visit_table
dimensions: {instrument}
storage class: ArrowAstropy
recalibrated_star
dimensions: {visit}
storage class: ArrowAstropy
fitStellarMotion
lsst.drp.tasks.fit_stellar_motion.FitStellarMotionTask
dimensions: {instrument, tract}
makeAnalysisRecalibratedStarAstrometricRefMatch
lsst.analysis.tools.tasks.astrometricCatalogMatch.AstrometricCatalogMatchVisitTask
dimensions: {visit}
isolated_star_stellar_motions
dimensions: {instrument, tract}
storage class: ArrowAstropy
recalibrated_star_ref_match_astrom
dimensions: {visit}
storage class: ArrowAstropy
analyzeRecalibratedStarAssociation
lsst.analysis.tools.tasks.associatedSourcesTractAnalysis.AssociatedSourcesTractAnalysisTask
dimensions: {instrument, tract}
isolated_star_predicted_positions
dimensions: {instrument, tract}
storage class: ArrowAstropy
analyzeRecalibratedStarAstrometricRefMatch
lsst.analysis.tools.tasks.refCatSourceAnalysis.RefCatSourceAnalysisTask
dimensions: {visit}
recalibrated_star_association_metrics
dimensions: {instrument, tract}
storage class: MetricMeasurementBundle
recalibrated_star_ref_match_astrom_metrics
dimensions: {visit}
storage class: MetricMeasurementBundle
recalibrated_star_association_stellarPhotometricResiduals_FocalPlanePlot
recalibrated_star_association_stellarPhotometricResidualsCalib_FocalPlanePlot
recalibrated_star_association_stellarPhotometricRepeatability_HistPlot
recalibrated_star_association_stellarPhotometricRepeatabilityCalib_HistPlot
recalibrated_star_association_stellarAstrometricSelfRepeatabilityRA_HistPlot
recalibrated_star_association_stellarAstrometricSelfRepeatabilityDec_HistPlot
recalibrated_star_association_stellarAstrometricResidualsRA_FocalPlanePlot
recalibrated_star_association_stellarAstrometricResidualsDec_FocalPlanePlot
recalibrated_star_association_stellarAstrometricResidualStdDevRA_FocalPlanePlot
recalibrated_star_association_stellarAstrometricResidualStdDevDec_FocalPlanePlot
recalibrated_star_association_stellarAstrometricRepeatability3_HistPlot
recalibrated_star_association_stellarAstrometricRepeatability2_HistPlot
recalibrated_star_association_stellarAstrometricRepeatability1_HistPlot
dimensions: {band, instrument, tract}
storage class: Plot
fgcm_Cycle5_SigmaRef_Plot
fgcm_Cycle5_SigmaFgcmReservedStars_Plot
fgcm_Cycle5_SigmaFgcmReservedStarsCrunched_Plot
fgcm_Cycle5_SigmaFgcmReservedStarsCrunchedNonPhotom_Plot
fgcm_Cycle5_SigmaFgcmPullsReservedStars_Plot
fgcm_Cycle5_SigmaFgcmPullsReservedStarsCrunched_Plot
fgcm_Cycle5_SigmaFgcmPullsReservedStarsCrunchedNonPhotom_Plot
fgcm_Cycle5_SigmaFgcmPullsAllStars_Plot
fgcm_Cycle5_SigmaFgcmAllStars_Plot
fgcm_Cycle5_SigmaCal_Plot
and 52 more, continued in [4]
dimensions: {band, instrument}
storage class: Plot
makeAnalysisRecalibratedStarAssociationMetricTable
lsst.analysis.tools.tasks.makeMetricTable.MakeMetricTableTask
dimensions: {skymap}
recalibrated_star_association_metrics_table
dimensions: {skymap}
storage class: ArrowAstropy
makeAnalysisRecalibratedStarAssociationWholeSkyPlot
lsst.analysis.tools.tasks.wholeSkyAnalysis.WholeSkyAnalysisTask
dimensions: {skymap}
recalibrated_star_association_whole_sky_stellarPhotometricResiduals_photResidTractStdev_WholeSkyPlot
recalibrated_star_association_whole_sky_stellarPhotometricResiduals_photResidTractSigmaMad_WholeSkyPlot
recalibrated_star_association_whole_sky_stellarPhotometricResiduals_photResidTractMedian_WholeSkyPlot
recalibrated_star_association_whole_sky_stellarPhotometricRepeatability_stellarPhotRepeatStdev_WholeSkyPlot
recalibrated_star_association_whole_sky_stellarPhotometricRepeatability_stellarPhotRepeatOutlierFraction_WholeSkyPlot
recalibrated_star_association_whole_sky_stellarAstrometricSelfRepeatabilityRA_dmL2AstroErr_RA_WholeSkyPlot
recalibrated_star_association_whole_sky_stellarAstrometricSelfRepeatabilityDec_dmL2AstroErr_Dec_WholeSkyPlot
recalibrated_star_association_whole_sky_stellarAstrometricRepeatability3_AM3_WholeSkyPlot
recalibrated_star_association_whole_sky_stellarAstrometricRepeatability3_AF3_WholeSkyPlot
recalibrated_star_association_whole_sky_stellarAstrometricRepeatability3_AD3_WholeSkyPlot
and 6 more, continued in [1]
dimensions: {band, skymap}
storage class: Plot
[3]
fgcm_Cycle5_EpsilonDetector_Plot
fgcm_Cycle5_EpsilonDetectorMatchscale_Plot
fgcm_Cycle5_CompareRedblueMirrorchrom_Plot
fgcm_Cycle5_CcdChromaticity_Plot
fgcm_Cycle4_Superstar_epoch3_Plot
fgcm_Cycle4_Superstar_epoch2_Plot
fgcm_Cycle4_Superstar_epoch1_Plot
fgcm_Cycle4_Superstar_epoch0_Plot
fgcm_Cycle4_R1mI1_vs_mjd_Plot
fgcm_Cycle4_R1mI1_Plot
fgcm_Cycle4_R1mI1Matchscale_Plot
fgcm_Cycle4_R1_Plot
fgcm_Cycle4_I1_Plot
fgcm_Cycle4_I1R1_Plot
fgcm_Cycle4_EpsilonDetector_Plot
fgcm_Cycle4_EpsilonDetectorMatchscale_Plot
fgcm_Cycle4_CompareRedblueMirrorchrom_Plot
fgcm_Cycle4_CcdChromaticity_Plot
[4]
fgcm_Cycle5_RefResidVsColorCut_Plot
fgcm_Cycle5_RefResidVsColorAll_Plot
fgcm_Cycle5_QESysRefstarsStdInitial_Plot
fgcm_Cycle5_QESysRefstarsStdFinal_Plot
fgcm_Cycle5_QESysRefstarsObsInitial_Plot
fgcm_Cycle5_QESysRefstarsObsFinal_Plot
fgcm_Cycle5_ModelMagerrPostfit_Plot
fgcm_Cycle5_ModelMagerrInitial_Plot
fgcm_Cycle5_Expgray_Plot
fgcm_Cycle5_ExpgrayUT_Plot
fgcm_Cycle5_ExpgrayReference_Plot
fgcm_Cycle5_ExpgrayInitial_Plot
fgcm_Cycle5_ExpgrayCompareMjdRedblue_Plot
fgcm_Cycle5_ExpgrayCompareBands_Plot
fgcm_Cycle5_ExpgrayAirmass_Plot
fgcm_Cycle5_EpsilonMap_Plot
fgcm_Cycle5_EpsilonGlobal_Plot
fgcm_Cycle5_DensityGoodStarMap_Plot
fgcm_Cycle5_DensityAllStarMap_Plot
fgcm_Cycle5_CompareRedblueExpgray_Plot
[4]
fgcm_Cycle5_Apercorr_Plot
fgcm_Cycle4_SigmaRef_Plot
fgcm_Cycle4_SigmaFgcmReservedStars_Plot
fgcm_Cycle4_SigmaFgcmReservedStarsCrunched_Plot
fgcm_Cycle4_SigmaFgcmReservedStarsCrunchedNonPhotom_Plot
fgcm_Cycle4_SigmaFgcmPullsReservedStars_Plot
fgcm_Cycle4_SigmaFgcmPullsReservedStarsCrunched_Plot
fgcm_Cycle4_SigmaFgcmPullsReservedStarsCrunchedNonPhotom_Plot
fgcm_Cycle4_SigmaFgcmPullsAllStars_Plot
fgcm_Cycle4_SigmaFgcmAllStars_Plot
fgcm_Cycle4_SigmaCal_Plot
fgcm_Cycle4_RefResidVsColorCut_Plot
fgcm_Cycle4_RefResidVsColorAll_Plot
fgcm_Cycle4_QESysRefstarsStdInitial_Plot
fgcm_Cycle4_QESysRefstarsStdFinal_Plot
fgcm_Cycle4_QESysRefstarsObsInitial_Plot
fgcm_Cycle4_QESysRefstarsObsFinal_Plot
fgcm_Cycle4_ModelMagerrPostfit_Plot
fgcm_Cycle4_ModelMagerrInitial_Plot
fgcm_Cycle4_Expgray_Plot
[4]
fgcm_Cycle4_ExpgrayUT_Plot
fgcm_Cycle4_ExpgrayReference_Plot
fgcm_Cycle4_ExpgrayInitial_Plot
fgcm_Cycle4_ExpgrayCompareMjdRedblue_Plot
fgcm_Cycle4_ExpgrayCompareBands_Plot
fgcm_Cycle4_ExpgrayAirmass_Plot
fgcm_Cycle4_EpsilonMap_Plot
fgcm_Cycle4_EpsilonGlobal_Plot
fgcm_Cycle4_DensityGoodStarMap_Plot
fgcm_Cycle4_DensityAllStarMap_Plot
fgcm_Cycle4_CompareRedblueExpgray_Plot
fgcm_Cycle4_Apercorr_Plot
[2]
fgcm_Cycle5_FilterOffsets_Plot
fgcm_Cycle5_ExpgrayDeep_Plot
fgcm_Cycle5_ChisqFit_Plot
fgcm_Cycle5_AbsThroughputs_Plot
fgcm_Cycle4_Zeropoints_Plot
fgcm_Cycle4_RpwvVsRpwvSmooth_Plot
fgcm_Cycle4_RpwvVsRpwvInput_Plot
fgcm_Cycle4_QESysWashesInitial_Plot
fgcm_Cycle4_QESysWashesFinal_Plot
fgcm_Cycle4_NightlyTau_Plot
fgcm_Cycle4_NightlyPwv_Plot
fgcm_Cycle4_NightlyO3_Plot
fgcm_Cycle4_NightlyAlpha_Plot
fgcm_Cycle4_ModelPwvVsRpwv_Plot
fgcm_Cycle4_FilterOffsets_Plot
fgcm_Cycle4_ExpgrayDeep_Plot
fgcm_Cycle4_ChisqFit_Plot
fgcm_Cycle4_AbsThroughputs_Plot
[1]
recalibrated_star_association_whole_sky_stellarAstrometricRepeatability2_AM2_WholeSkyPlot
recalibrated_star_association_whole_sky_stellarAstrometricRepeatability2_AF2_WholeSkyPlot
recalibrated_star_association_whole_sky_stellarAstrometricRepeatability2_AD2_WholeSkyPlot
recalibrated_star_association_whole_sky_stellarAstrometricRepeatability1_AM1_WholeSkyPlot
recalibrated_star_association_whole_sky_stellarAstrometricRepeatability1_AF1_WholeSkyPlot
recalibrated_star_association_whole_sky_stellarAstrometricRepeatability1_AD1_WholeSkyPlot