Brunel v1 verification

And plan for SICBDST retirement

Brunel versions

◆ **Brunel v1 (30th May)**

- Uses SICBDST v233r2
- Verification on 100 events by Tracking, MUON, VELO/Trigger L1
- Results identical to SICBDST v233r2

◆ **Brunel v1r1 (26th June)**

- ZEBRA common increased to 8M words (as SICBDST)
  - 500 b->μX events for detailed MUON checks

◆ **Brunel v1r2**

- Will use GaudiSys v5, SICBDST v234r1 (or v234r2)
  - Ready after Gaudi release (~20th July)
  - Can be used to verify RICH
- Implements pile-up
  - Can be used to verify CALO

Timetable

- **24th July: Brunel v1r2 ready**
    - Produce data samples for RICH and CALO tests
        - How many DST1, DST2? event types?
        - Which histograms to be switched on in production?
    - RICH+CALO verification until mid-August
        - And other sub-detectors on larger data sample, DST2 etc.

- **mid-August: Brunel v1r3**
    - Using latest SICBDST (v235, for muon TDR)
    - Physics production test
        - Repeat muon TDR test production (50k events)
        - Running data quality checks
    - Freeze SICBDST

- **Milan week: latest date for SICBDST retirement**