

$$\sqrt{s}$$

- Filled **hepdb** w/best available fit of \sqrt{s} for all 2001 data (~ 3000 runs). Updated TRKMON
 - New version (v4) of BMOM (boost, \sqrt{s}); cannot delete v3 (old \sqrt{s} fit) or v2 (no \sqrt{s} fit)
 - Zero-ed spare values of \sqrt{s} , unlike v3
 - $\sim 50/3000$ runs still to be done (BMOM missing)
- Updated/improved BMOM readout routines
 - *rdbmom* (use to readout a given version #):
message only if bank missing; same error codes
 - *Fillbposcommon* (used by prod2ntu): look for v4, else v3, else v2 (via calls to *rdbmom*)

DC geometry

- Wire sags: completed MC study w/Bhabhas. Repeat w/new s - t calibrations.
- Geometry changes:
 - Added struts and IR legs
 - Added Cu (plates) and Al coating (panels)
 - 1 cm vertical shift wrt IR under study
 - DC feet not included
- Beam pipe investigation:
 - New = old. Thicknesses: $500\text{ }\mu\text{m} \pm 10\%$ (sphere $r=10\text{cm}$), $50\text{ }\mu\text{m} \pm 20\%$ (dodecagon $\rho \sim 4.4\text{cm}$)
- Underway: re-check inner wall. Repeat w/new test MC samples (critical item).