1) Required Performance

Design Criteria in a de-coupled CAL parameter space

2-jet mass resolution better than Γ_Z , Γ_W

- Hardware Compensation for excellent hadron energy Resolution and Linearity
- Fine Granularity for precise topological reconstruction

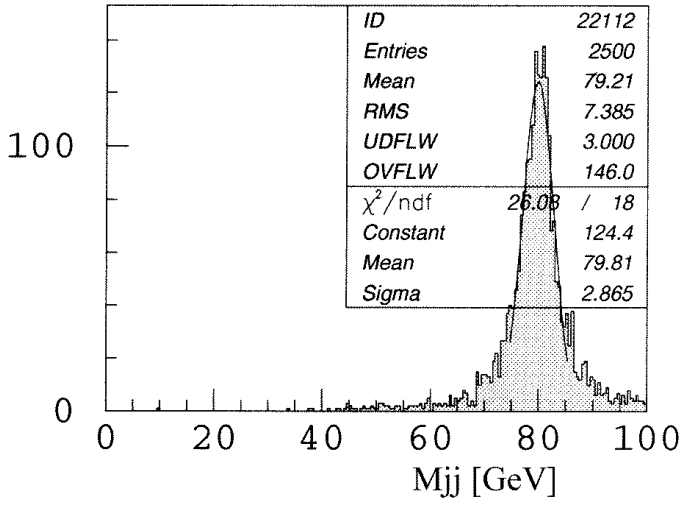
No software compensation

No extremely-fine granularity

Technology Choice

Tile/Fiber Sampling Calorimeter

- Crackless Hermeticity
- Low Cost
- Design Flexibility
- Well-established technology



Reconstructed W mass for e+e- -> W+W- at √S=400GeV

Result of quick-simulation. SHmax is not used for analysis.

Thus contribution of track-cluster association error is as

large as ~1.9GeV. Better result expected with SHmax analysis.