CLEO Data with DR2 Chamber

CLEO Drift Chamber 'DR2'

- 40 Axial + 11 Stereo + 2 Cathodes

$$C \bullet [10 \times (AAAS)] \bullet 5A \bullet S \bullet 5A \bullet C$$

- 3:1 square cell
- Max. drift: 7 mm
- Isolated Stereo Layers

CLEOII Running:

- 1989-95; 5 fb^{-1}
- DR2 with 50-50 Ar-C_2H_6
- Two other inner wire chambers: 6 + 10 axial layers

CLEO2.5 Running:

- 1995-98; >5 fb^{-1}
- DR2 with 60-40 He-C_3H_8
- One other inner wire chambers: 10 axial layers
- 3 layers double-sided Silicon

Compare CLEOII and CLEO2.5: Same chamber, different gas