Insitu O3 (Gao) Jan-Feb 2004, 2006 (Black)

- Factor of 2x Increase between 12 and 17 km
- Factor of 6x Increase between 17 and 19 km
Prior to take-off
RF09 (02/07)

Systematic High Bias at 5km (10ppbv)
- Note First and last profile show better agreement
- Insitu shows thin layer analysis shows broad layer

Systematic High Bias at 12km (20ppbv)
RF10 (02/10)

Systematic High Bias at 5km (10ppbv)
- Note First and last profile show better agreement
- Insitu shows thin layer analysis shows broad layer

Systematic High Bias at 12km (20ppbv)
RF12 (02/14)

Systematic High Bias at 5km (10ppbv)
• Note First and last profile show better agreement
• In situ shows thin layer analysis shows broad layer

Systematic High Bias at 12km (20ppbv)
RF13 (02/17)

Systematic High Bias above 12 km (20-30 ppbv)

Good agreement below 8 km