Main reasons of the RB&TB differences:

- Different SLR stations coordinate sets (for new stations)
- Differences in the “bad” points rejection procedures
- Differences in the final precise orbits
- Incorrect attempts to interpret the measurement residuals as function of RB&TB
RB and TB estimation procedure (IAC PNT)

Ambiguous results for the short passes (results are incorrect)

Precise results for the long passes (results are correct)
Tracking recommendations for stations (if you need the correct RB&TB estimation):

- Both ascending and descending branches tracking (Especially for calibration);
- Min 10-minutes session duration for both LAGEOSes;
- Min 20 deg elevation;
- As much passes duration as possible (especially for calibration and precise TB and RB estimation).
Recommendations for Analysis Centers:

- Agreement of the stations coordinates sets (for the new stations especially);
- Separation of the short and long (calibrating) passes estimation; (use the long passes for the correct RB&TB estimation)
- Timely and quickly contacts with other and main (???) Analysis Centers in the case of necessity
- To coordinate the final RB&TB estimation from ILRS