Interactive comment on “Evaluation of ozonesondes, HALOE, SAGE II and III, Odin-OSIRIS and SMR, and ENVISAT-GOMOS, -SCIAMACHY and -MIPAS ozone profiles in the tropics from SAOZ long duration balloon measurements in 2003 and 2004” by F. Borchi and J.-P. Pommereau

Anonymous Referee #1

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This is a carefully carried out piece of work comparing SAOZ ozone profiles from the tropical region with a large number of new and established satellite instruments. Such work is important in the refinement of retrieval algorithms and the analysis of the sources of biases and errors and should be published.
General comments Although the various retrieval versions are carefully indicated in
the text they are not indicated in the abstract and could in the future, when new im-
proved versions are available, lead to incorrect conclusions on the accuracy of various
datasets being drawn by a casual reader.

The paper would benefit of the methodology used to correct for horizontal and vertical
movements were described in a little more details even if a reference to earlier work
is given. This is particularly true since it would not significantly affect the length of this
otherwise long paper.

Specific comments The language in the paper is generally very good but I did note a
few errors

Page 10088 line 4 “for long “ should be “for a long time”
10098 line 13 “provides” should be “provided”
10103 line 4 “could” should be “can”

Interactive comment on Atmos. Chem. Phys. Discuss., 6, 10087, 2006.