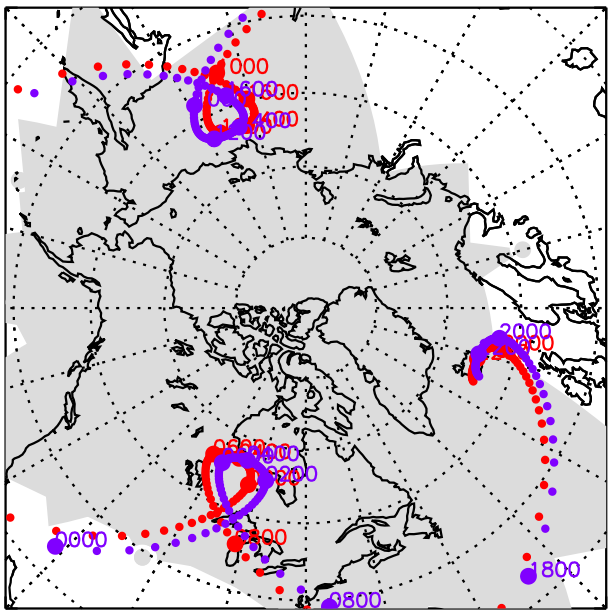
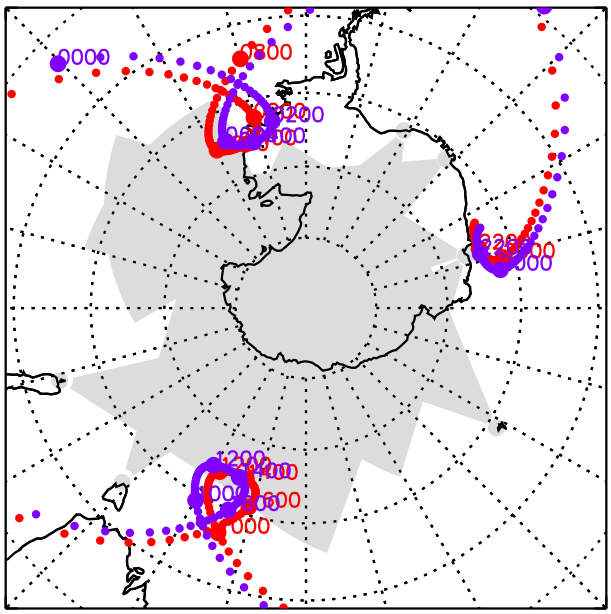
Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

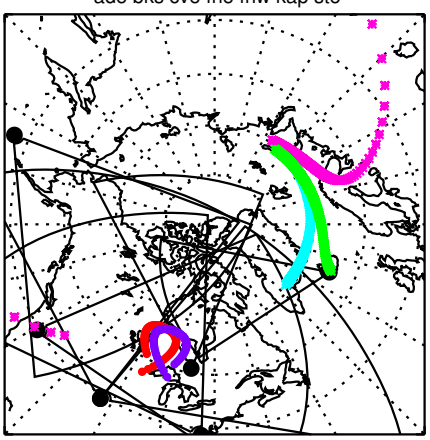
01–Jun–2013

Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

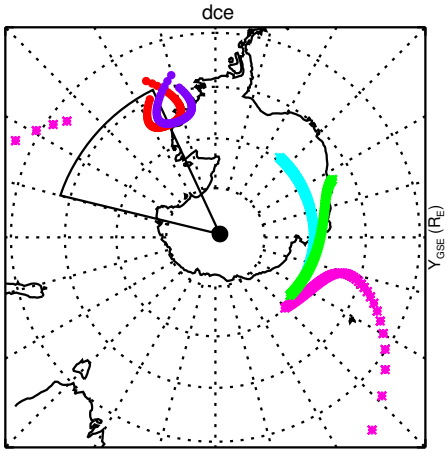


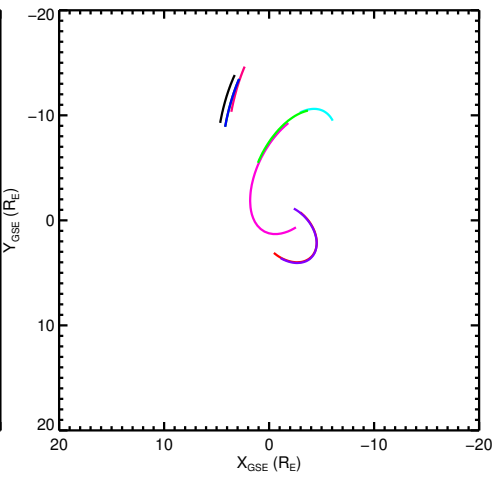


(a) 0100UT to 0730UT
ade bks cve fhe fhw kap sto

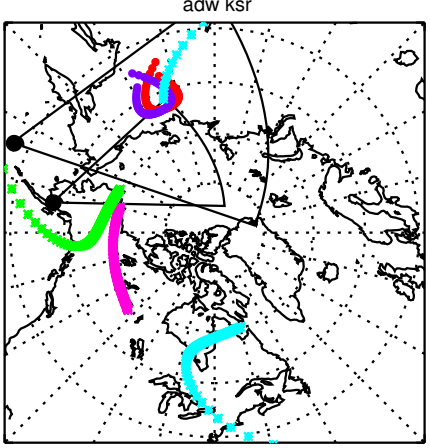


dce

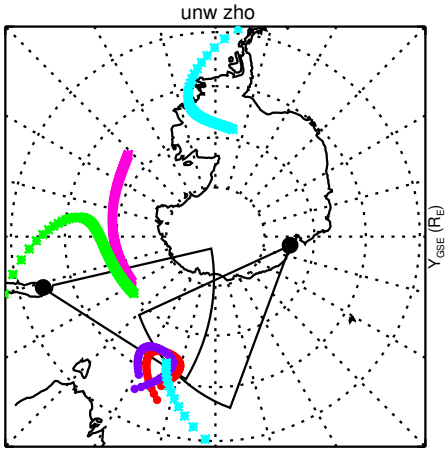


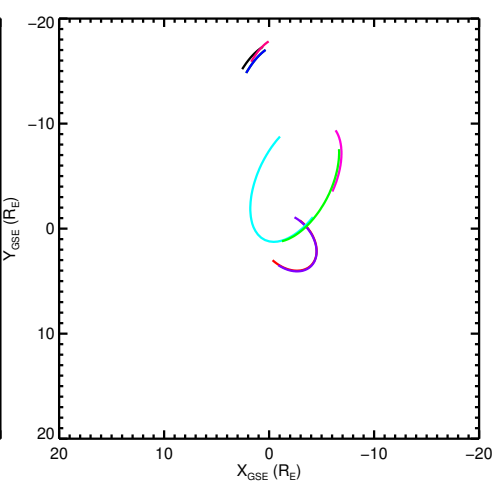


(b) 0955UT to 1630UT
adw ksr

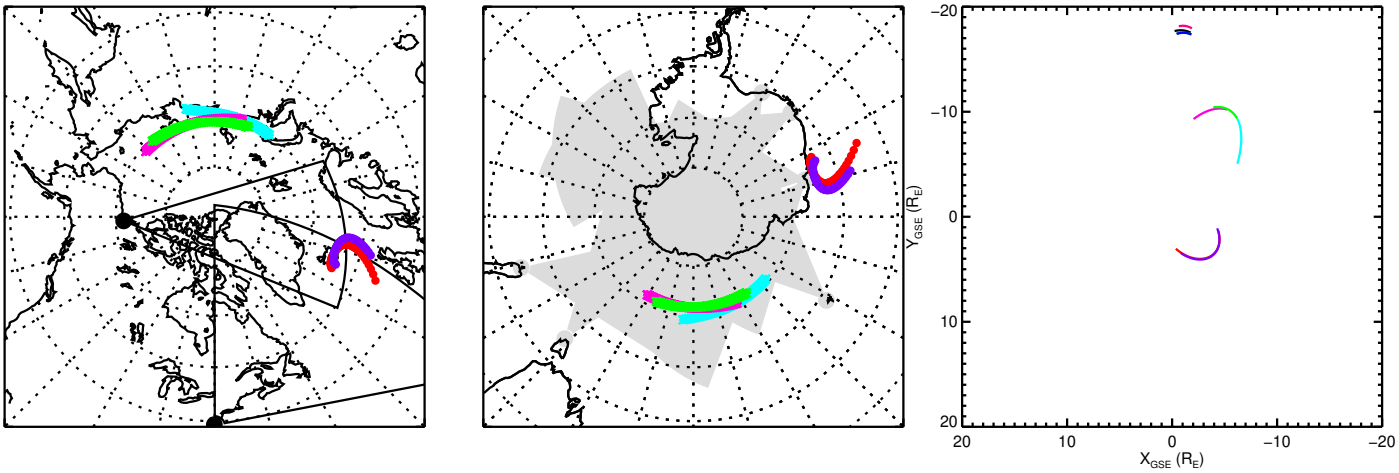


unw zho





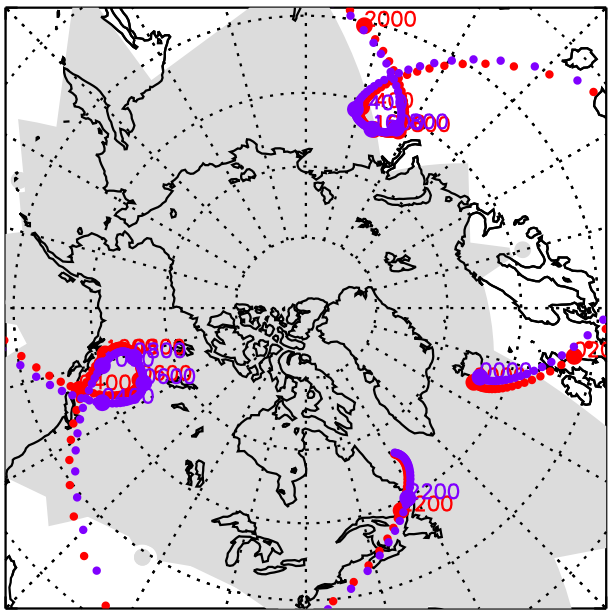
(c) 1855UT to 2355UT
inv wal

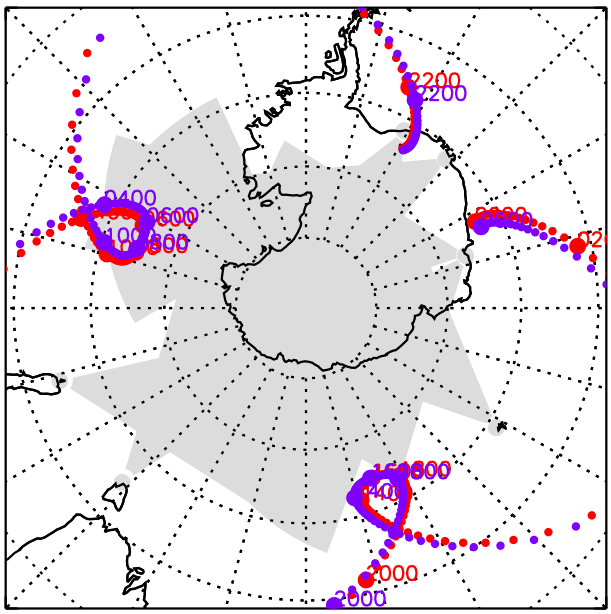


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

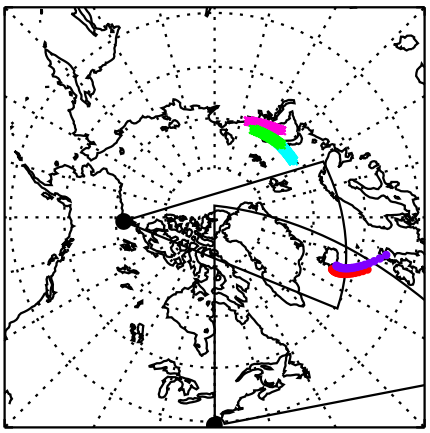
02–Jun–2013

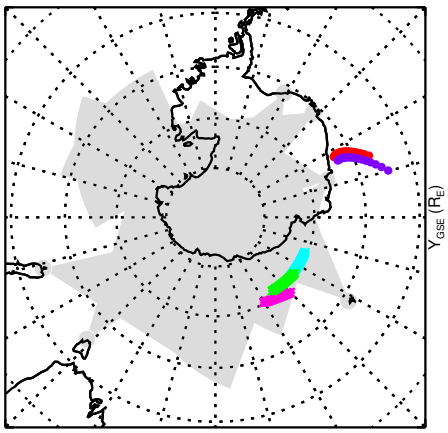
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

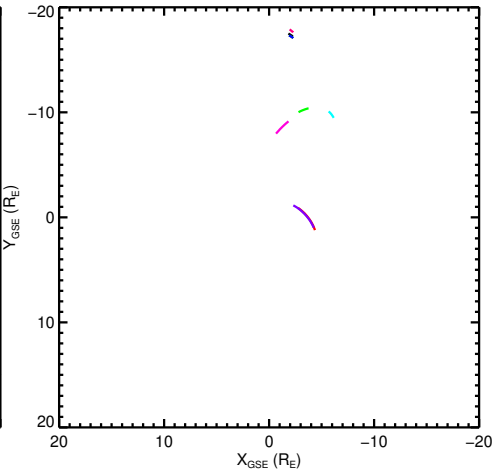




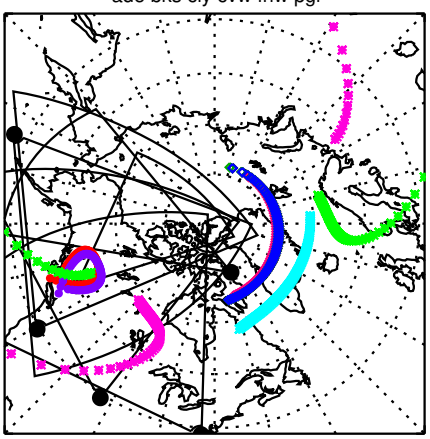
(a) 0000UT to 0135UT
inv wal



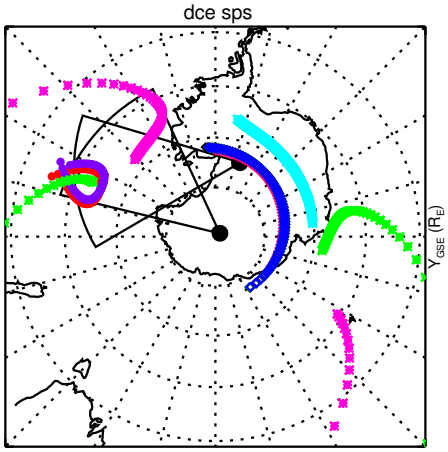


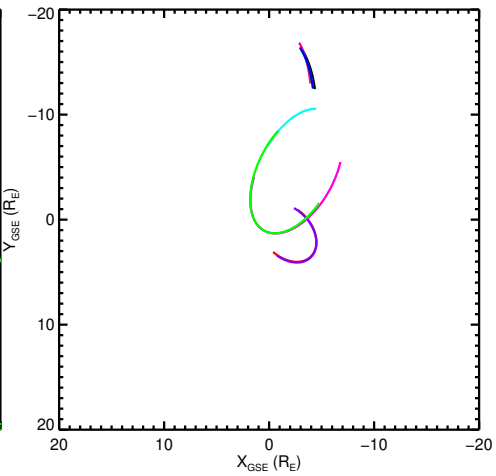


(b) 0355UT to 1035UT
ade bks cly cvw fhw pgr

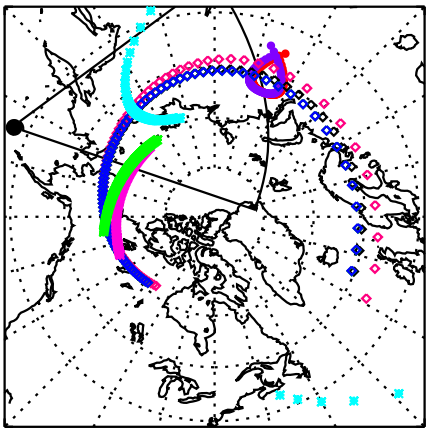


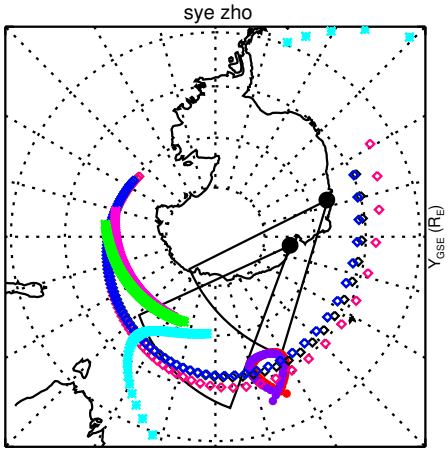
dce sps

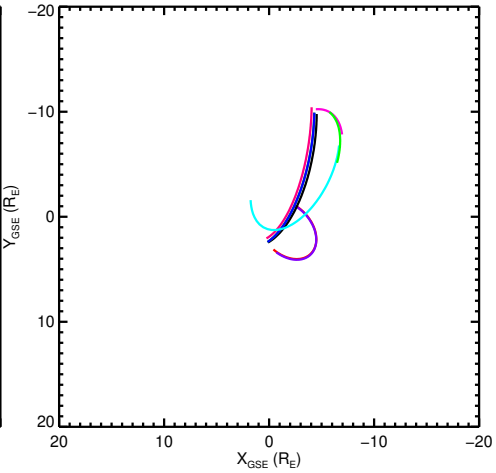




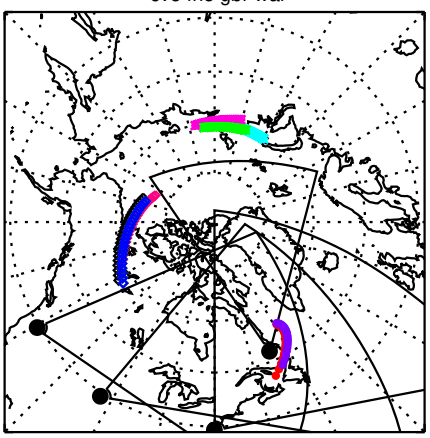
(c) 1255UT to 1935UT

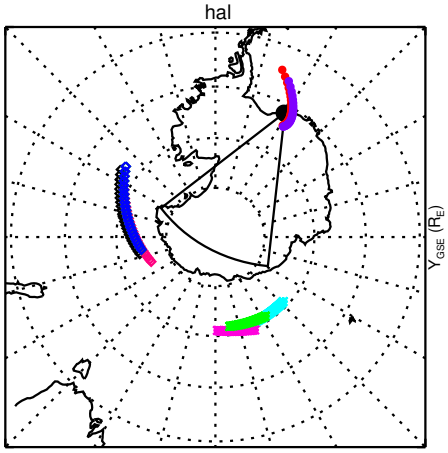


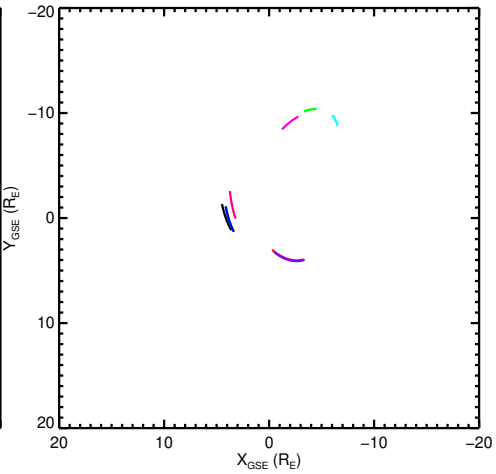




(d) 2150UT to 2355UT



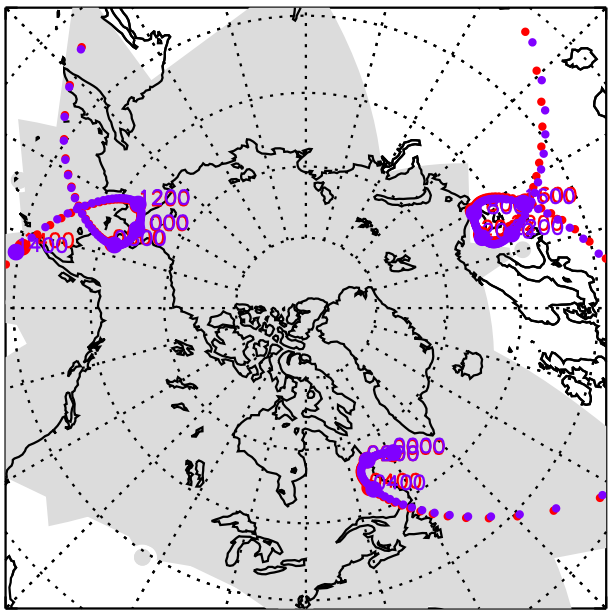


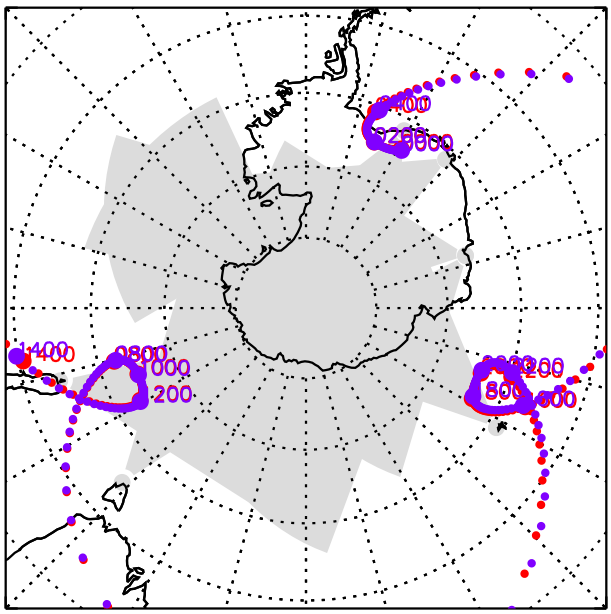


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

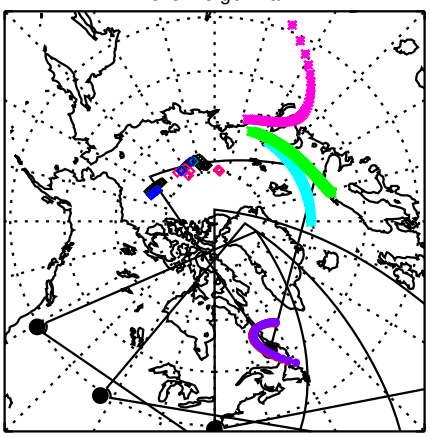
03–Jun–2013

Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

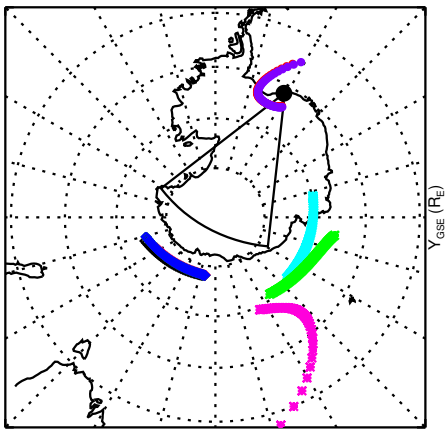


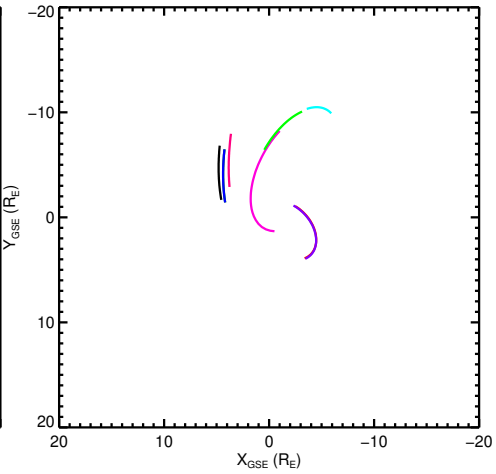


(a) 0000UT to 0440UT
cve fhe gbr wal

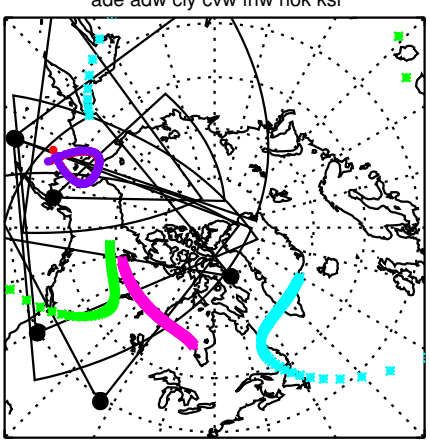


hal

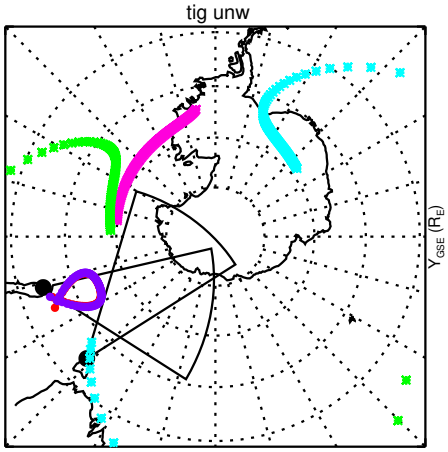


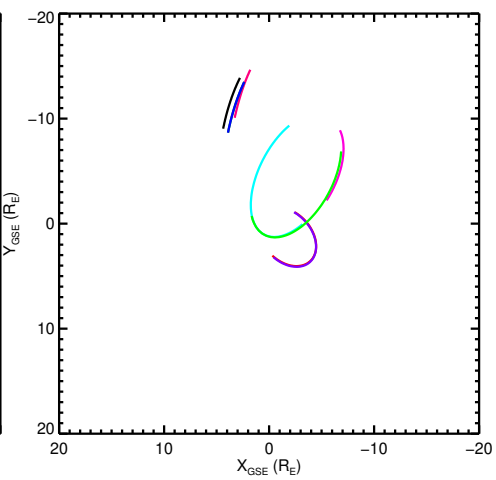


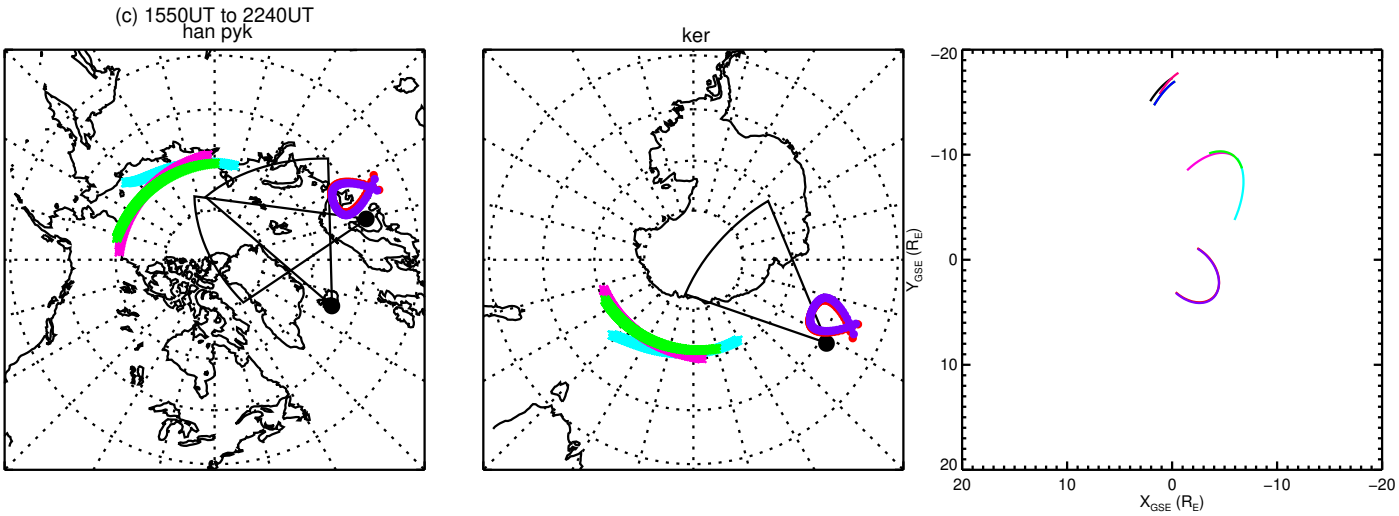
(b) 0650UT to 1340UT
ade adw cly cvw fhw hok ksr



tig unw



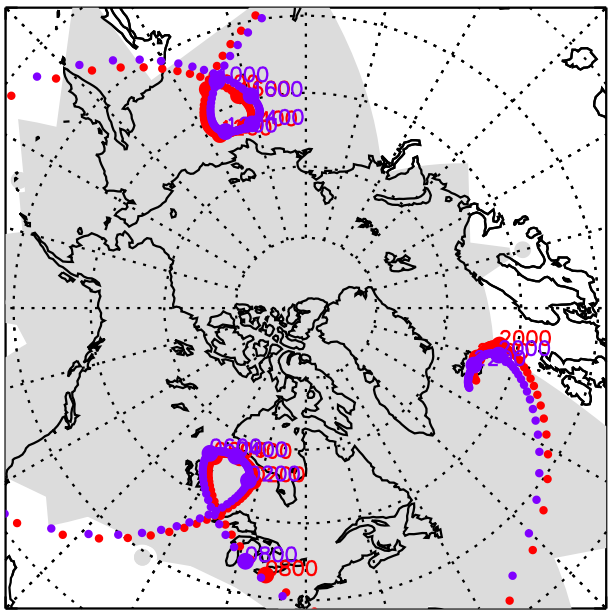


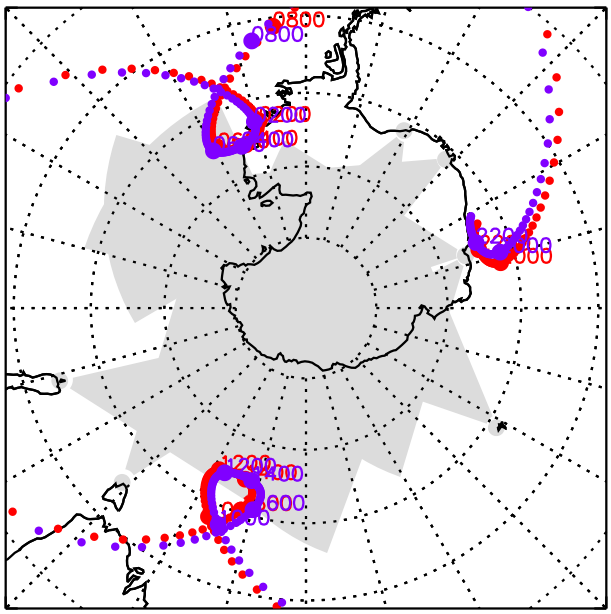

(c) 1550UT to 2240UT
han pyk
ker
−20
−10
0
10
20
20
10
0
−10
−20
Y_{GSE} (R_E)
X_{GSE} (R_E)

Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

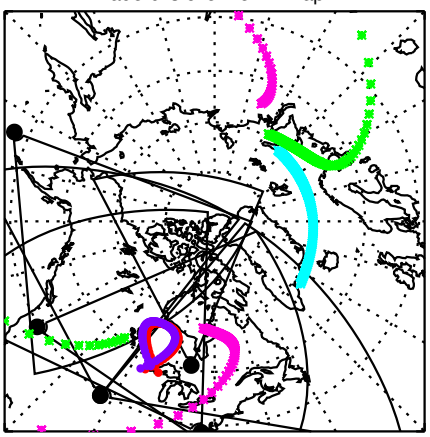
04–Jun–2013

Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

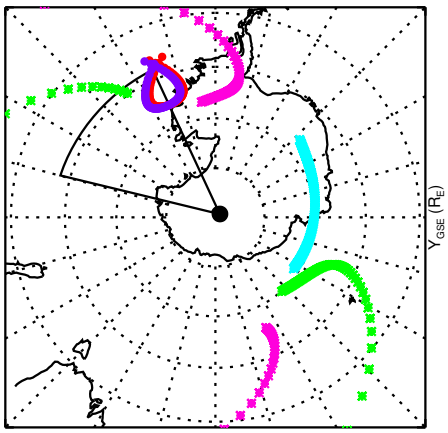


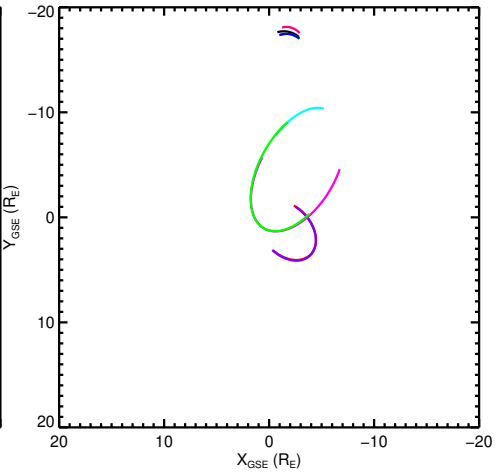


(a) 0050UT to 0740UT
ade bks cve fhe fhw kap

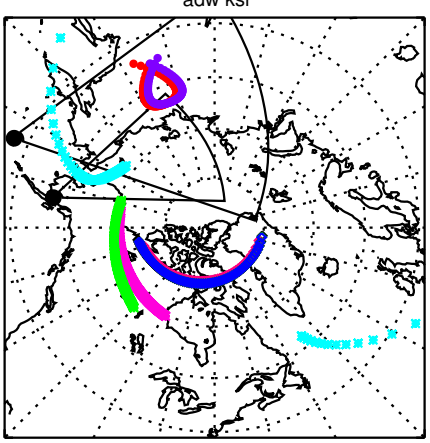


dce

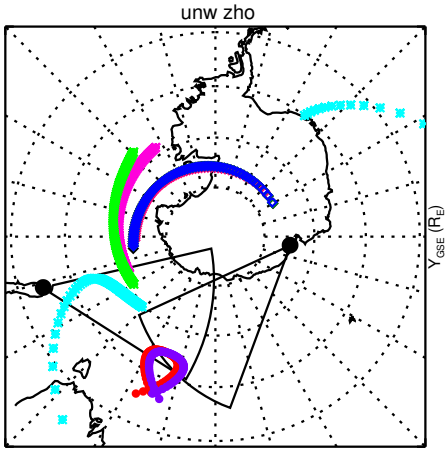


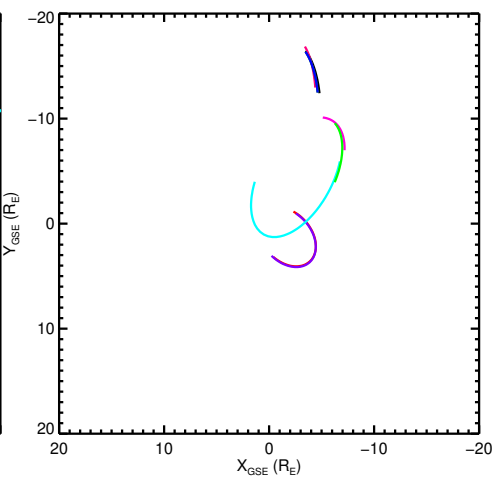


(b) 0950UT to 1640UT
adw ksr

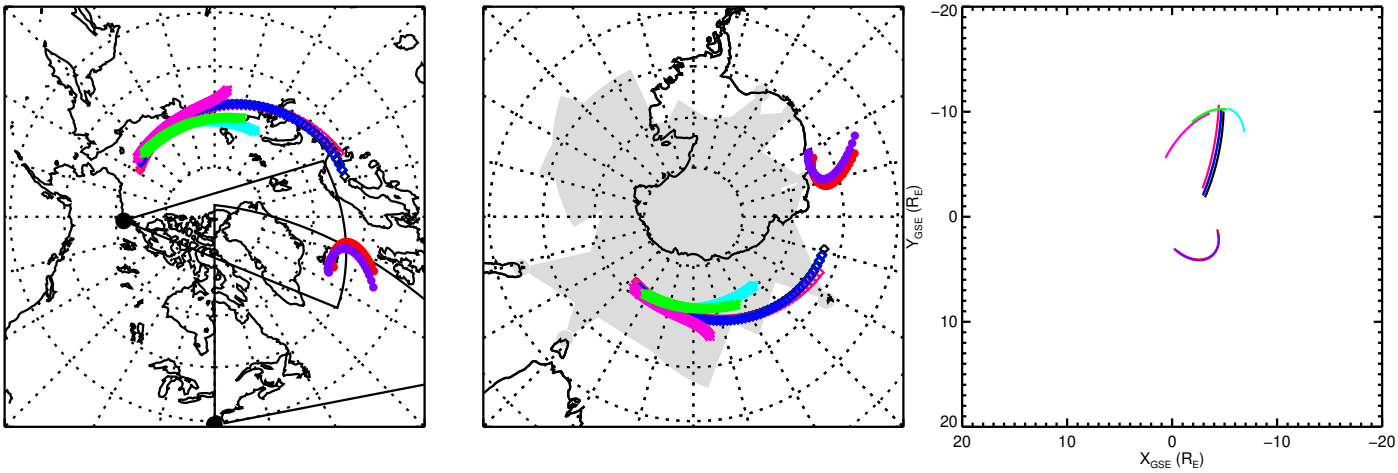


unw zho





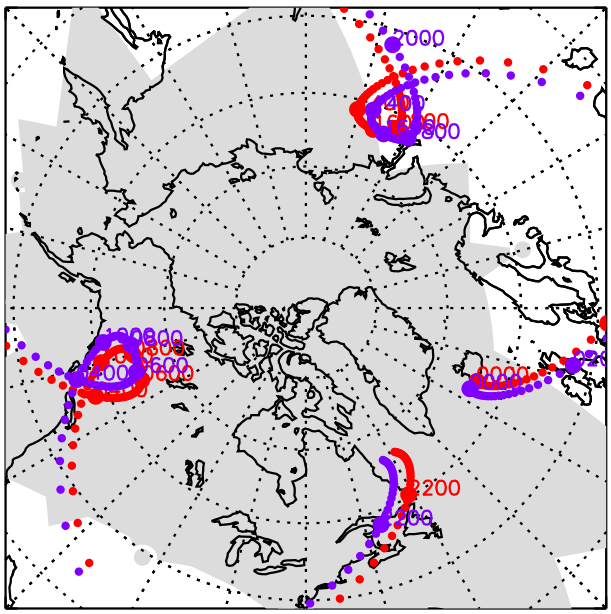
(c) 1850UT to 2355UT
inv wal

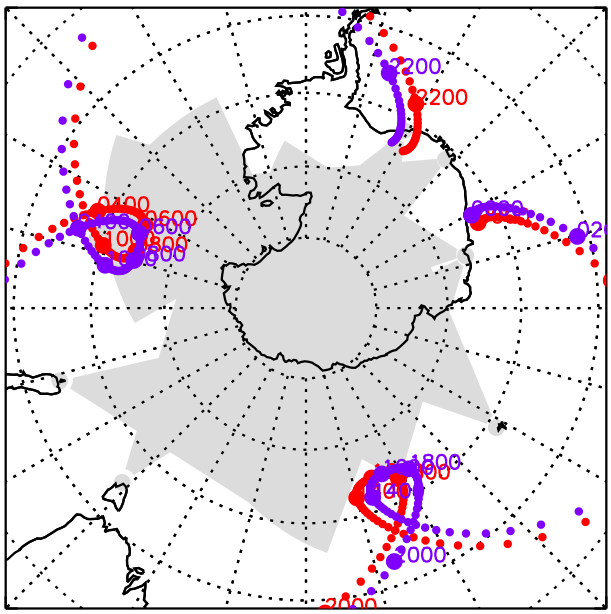


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

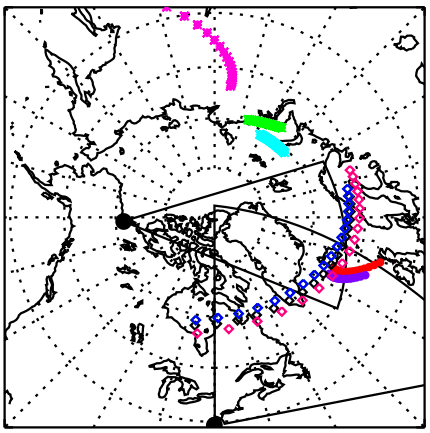
05–Jun–2013

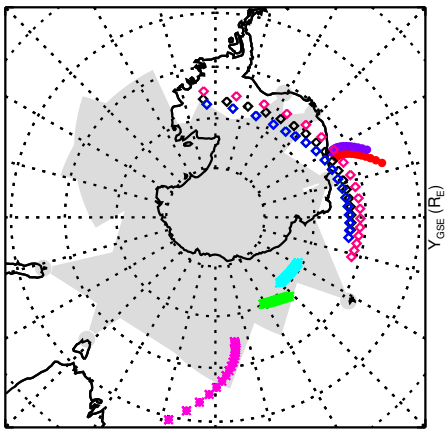
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

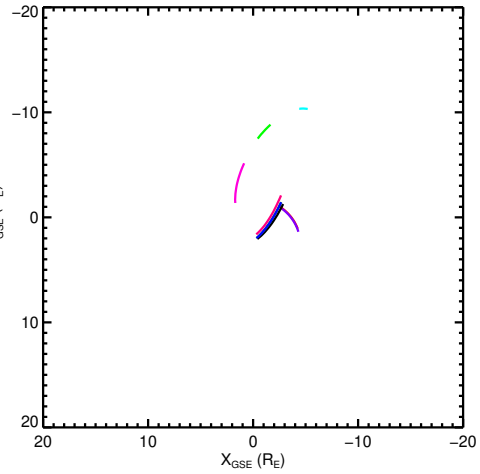




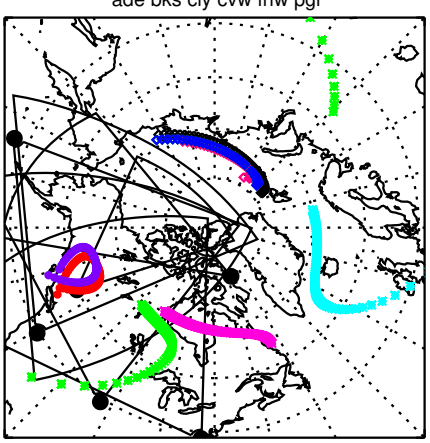
(a) 0000UT to 0135UT
inv wal



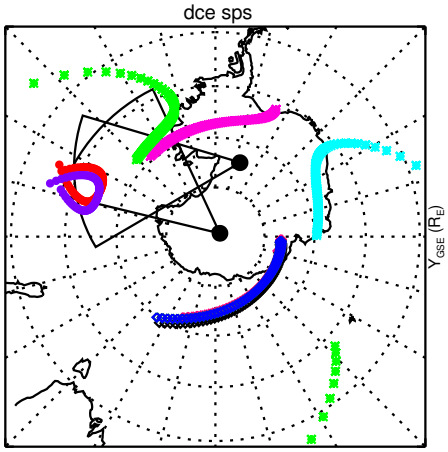


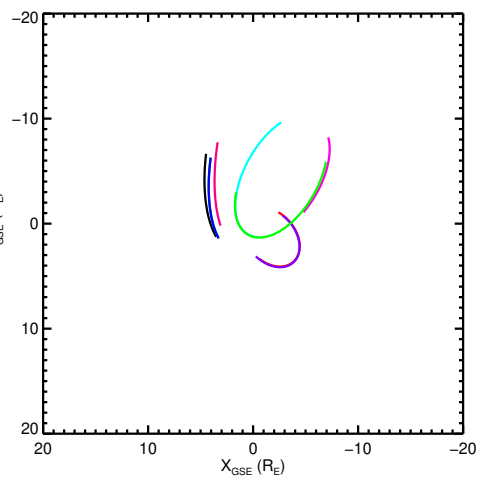


(b) 0355UT to 1035UT
ade bks cly cvw fhw pgr

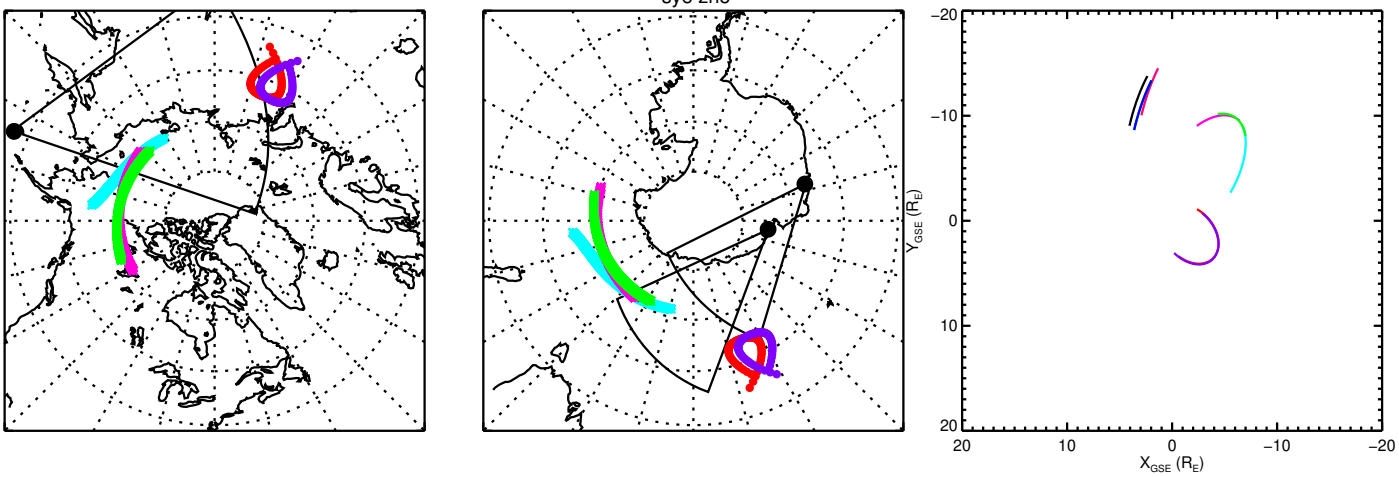


dce sps

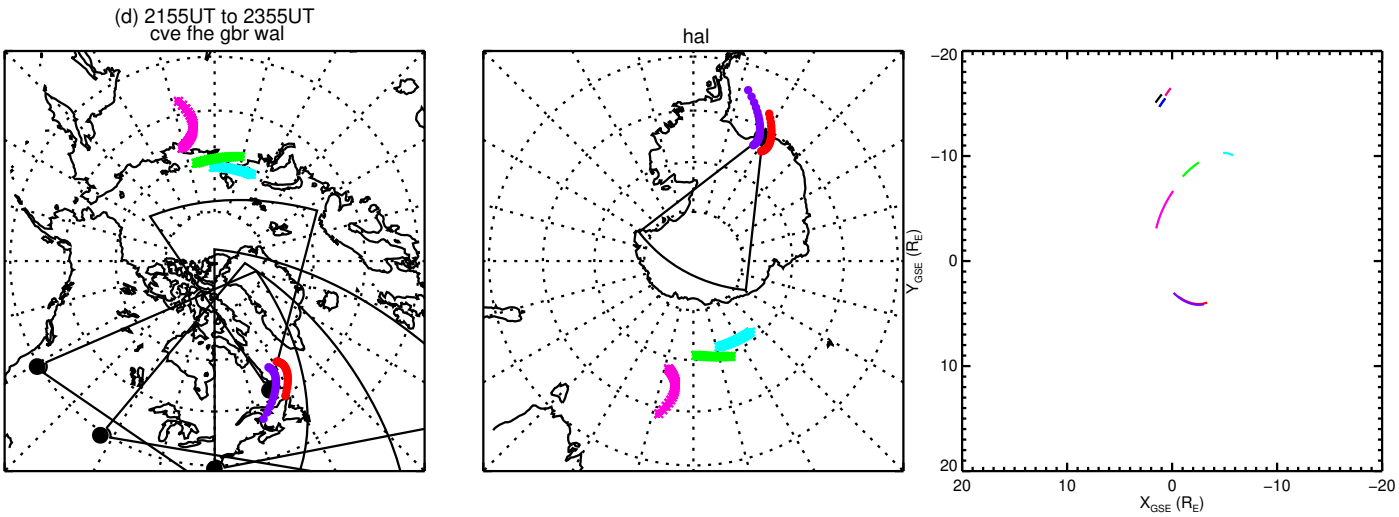




(c) 1255UT to 1935UT



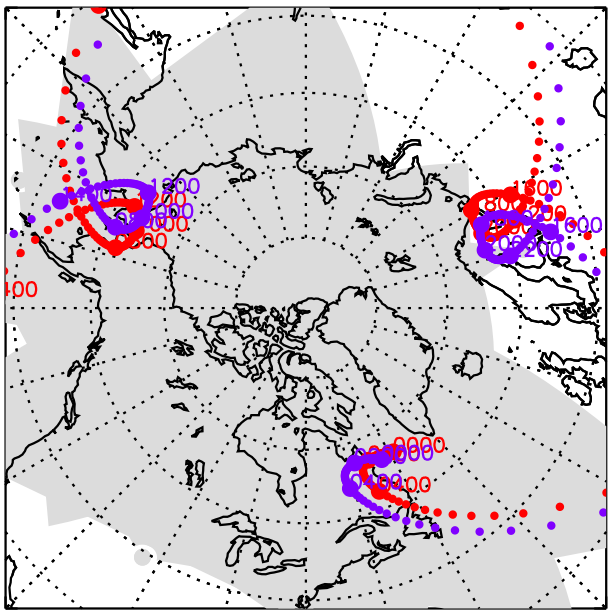
(d) 2155UT to 2355UT

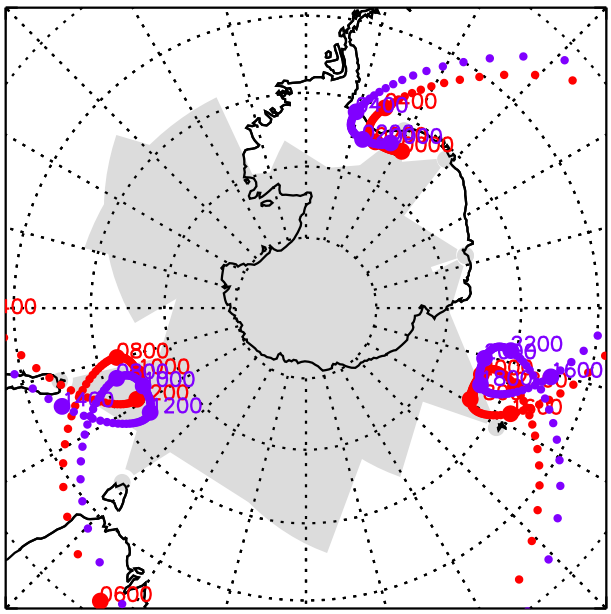


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

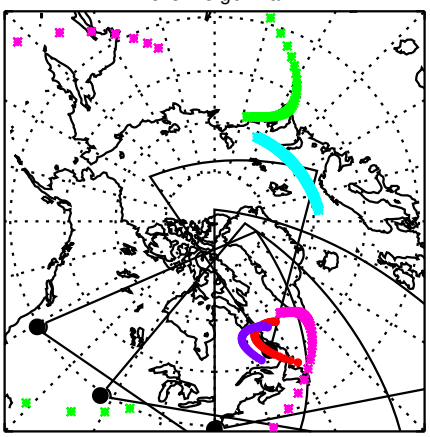
06–Jun–2013

Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

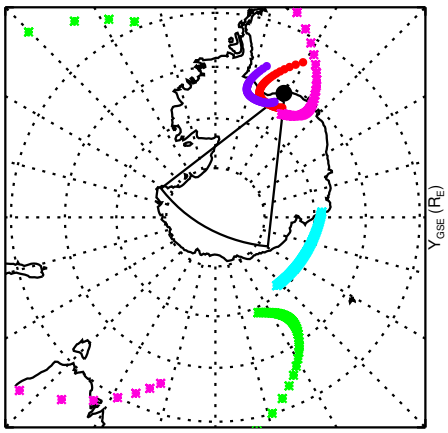


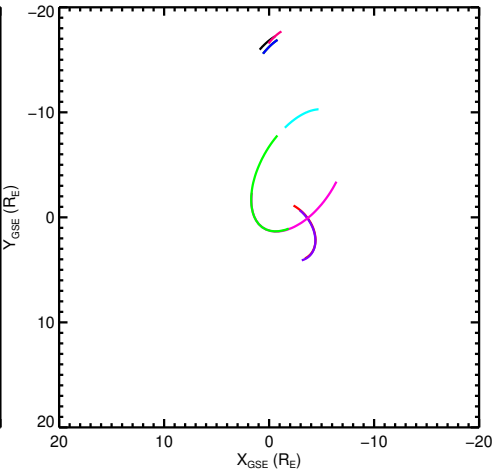


(a) 0000UT to 0435UT
cve fhe gbr wal

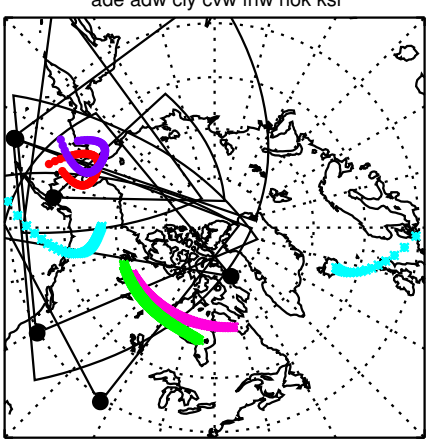


hal

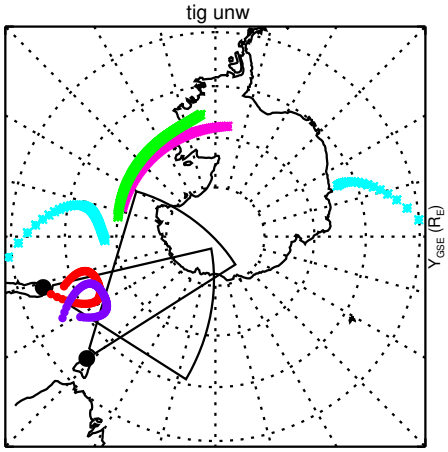


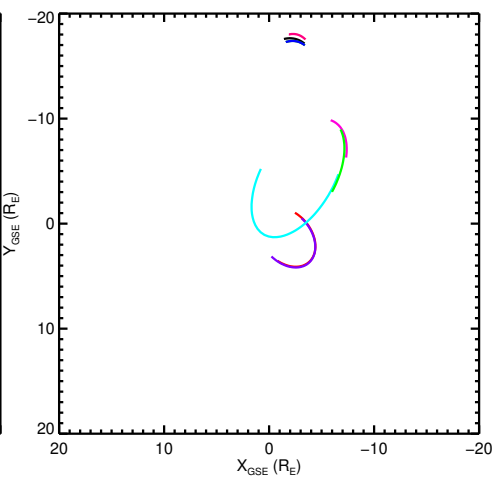


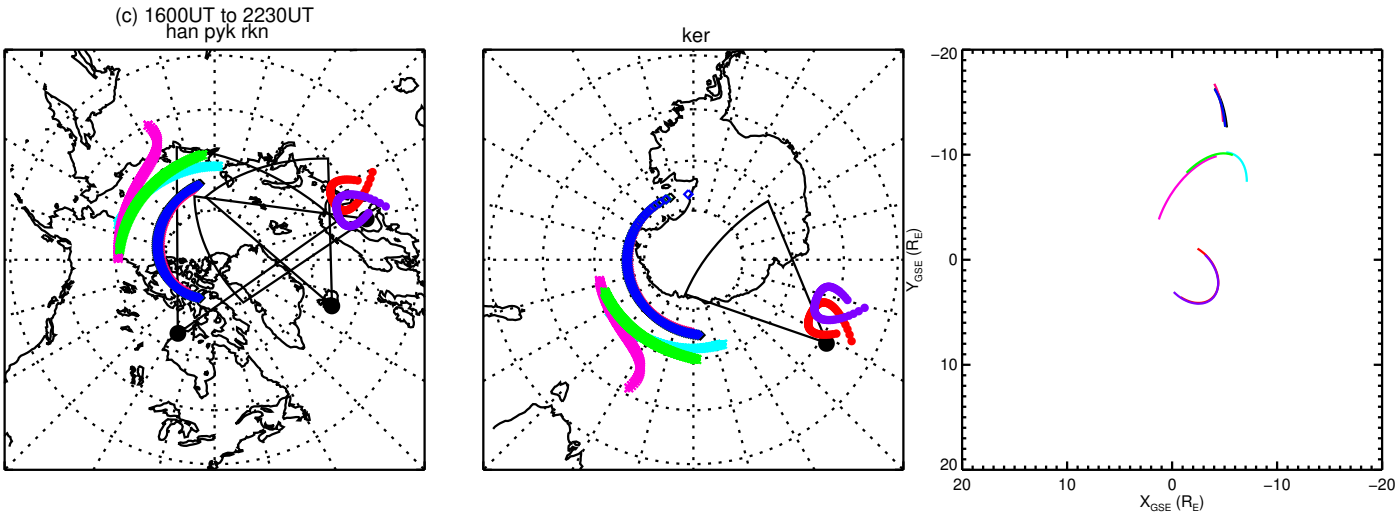
(b) 0700UT to 1330UT
ade adw cly cvw fhw hok ksr



tig unw



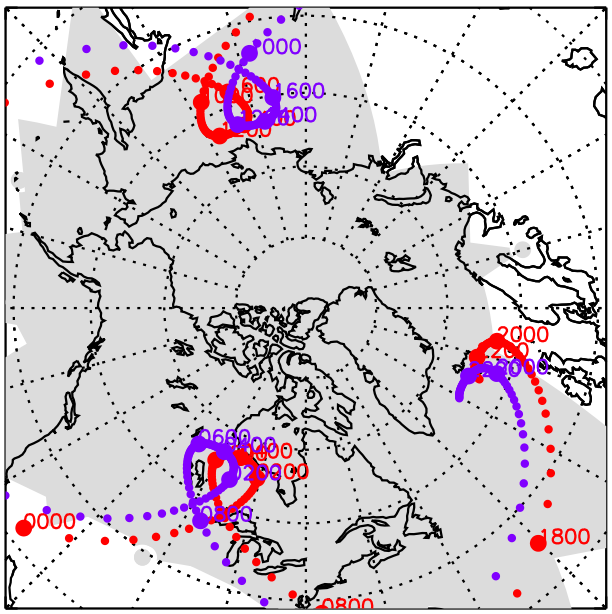


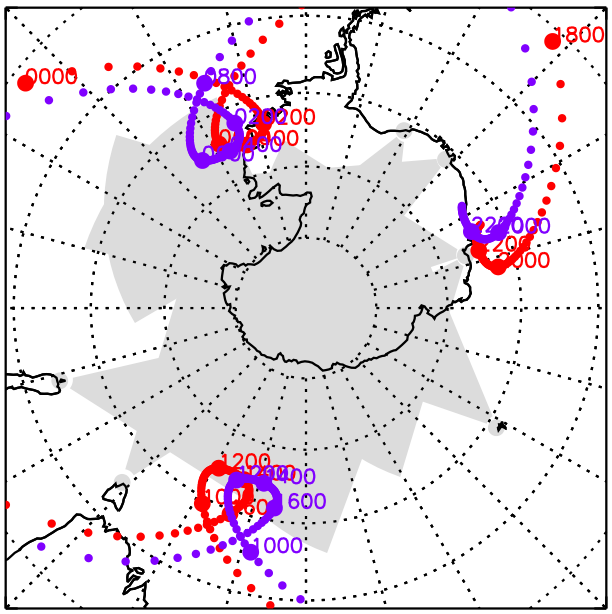

(c) 1600UT to 2230UT
han pyk rkn
ker
20
10
0
−10
−20
Y_{GSE} (R_E)
X_{GSE} (R_E)

Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

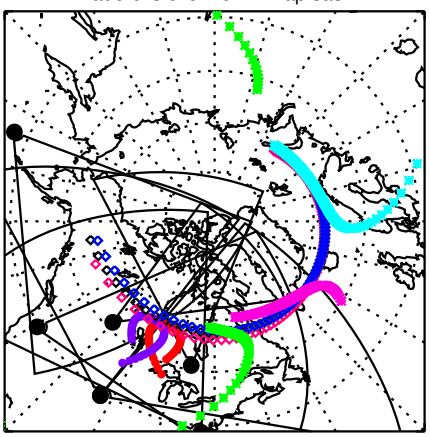
07–Jun–2013

Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

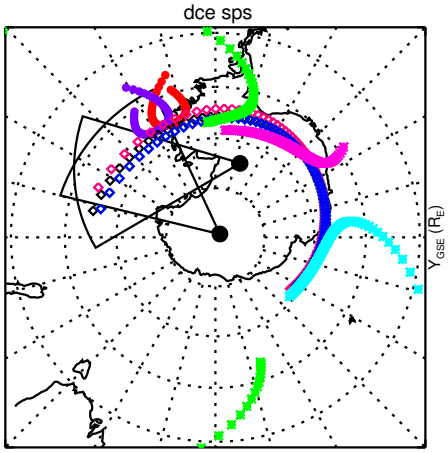


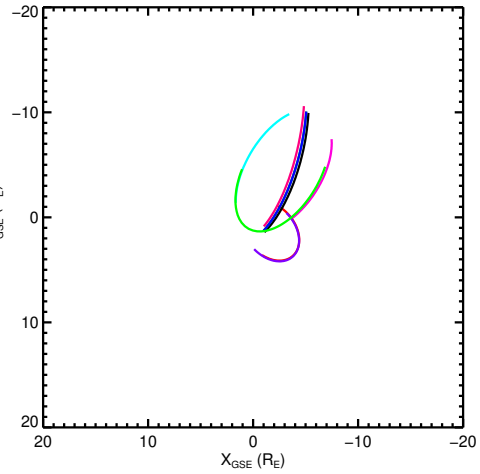


(a) 0100UT to 0730UT
ade bks cve fhe fhw kap sas

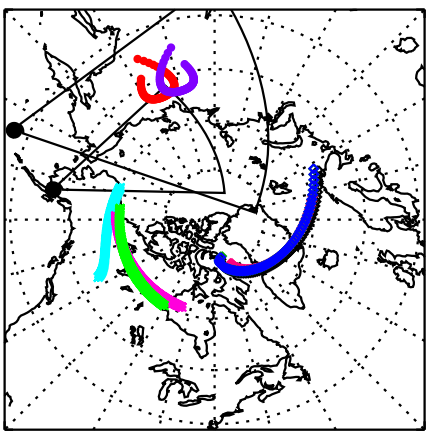


dce sps

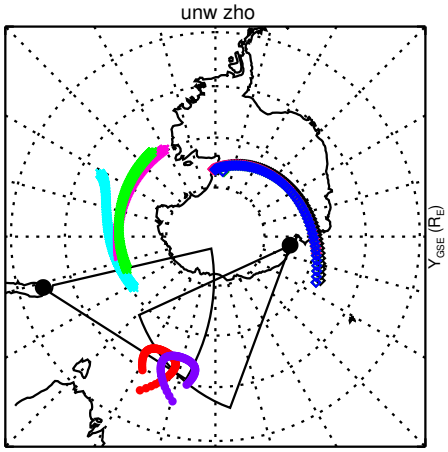


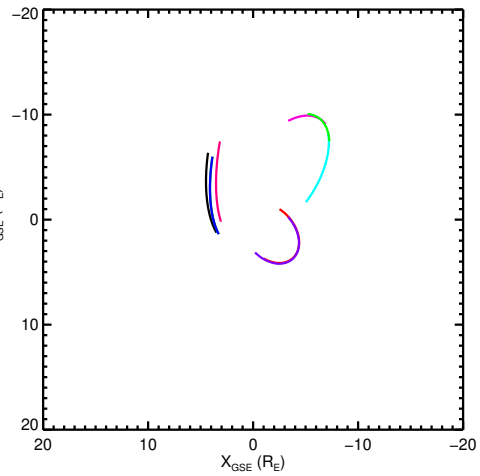


(b) 1005UT to 1625UT
adw ksr

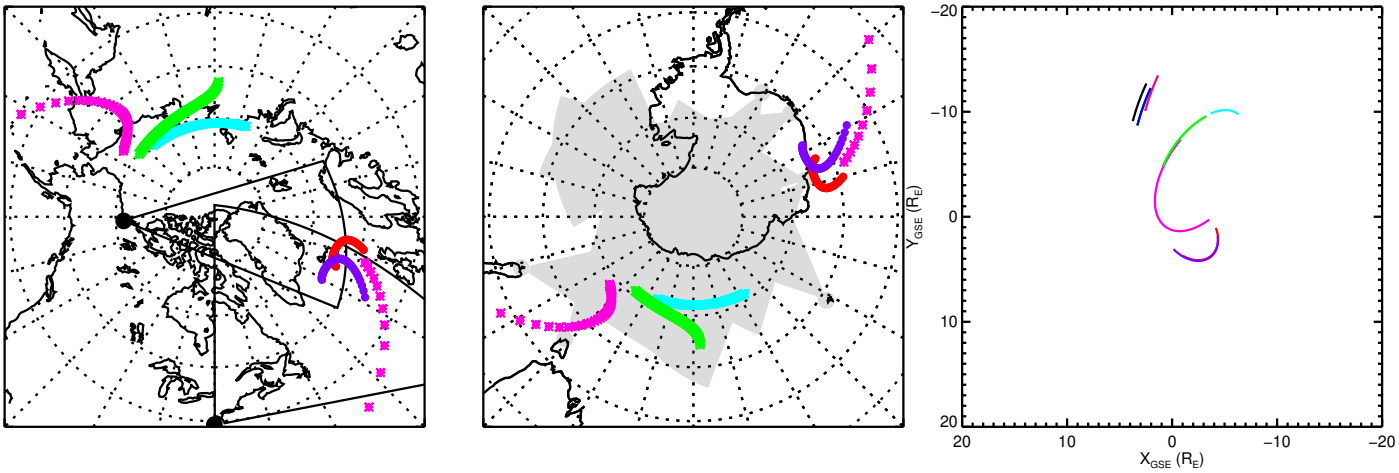


unw zho





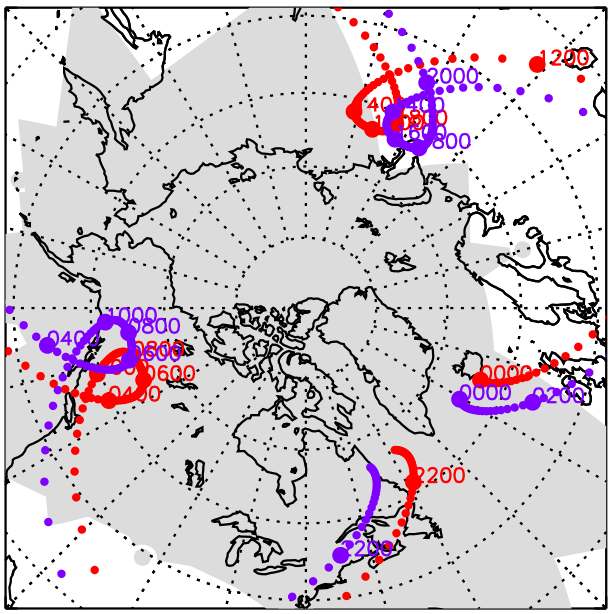
(c) 1905UT to 2355UT
inv wal

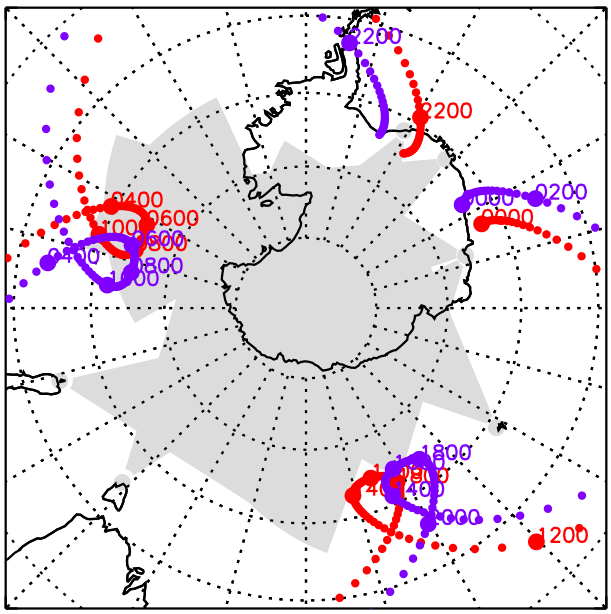


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

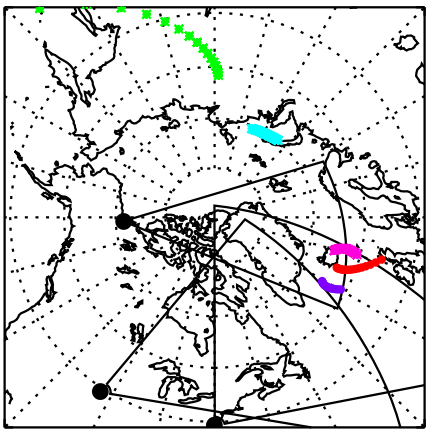
08–Jun–2013

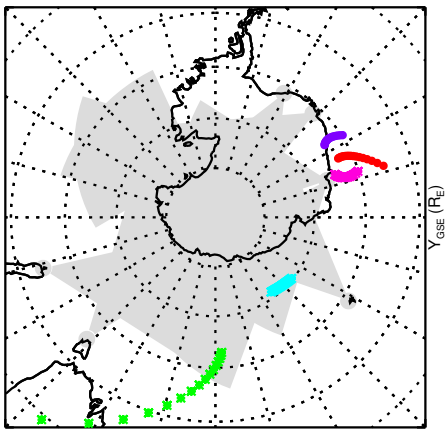
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

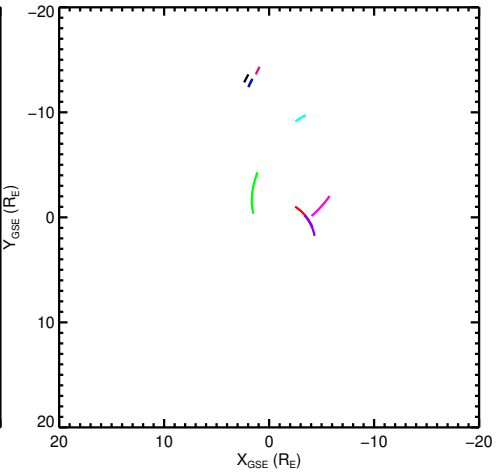




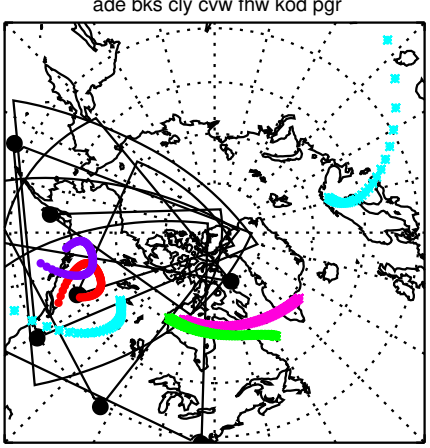
(a) 0000UT to 0125UT
fhe inv wal



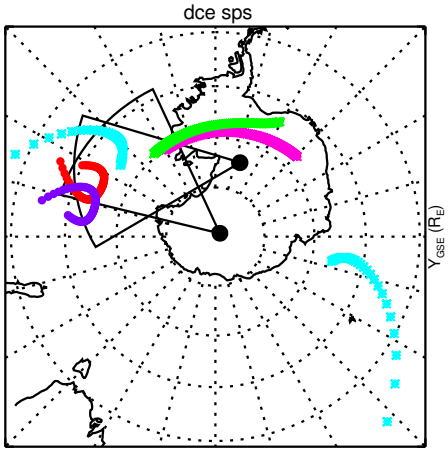


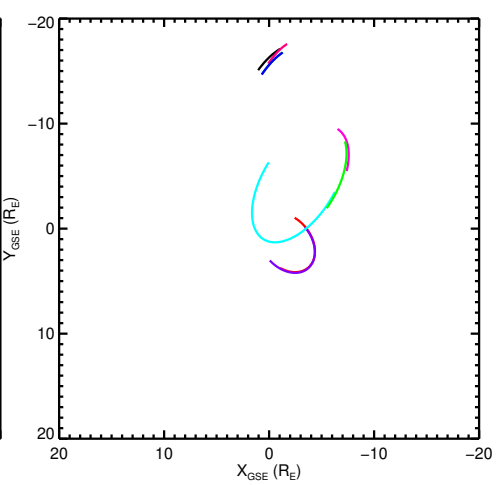


(b) 0405UT to 1025UT
ade bks cly cvw fhw kod pgr

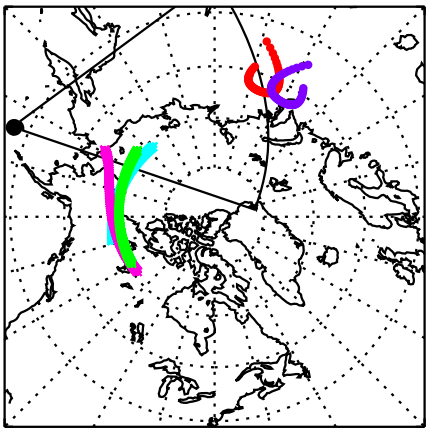


dce sps

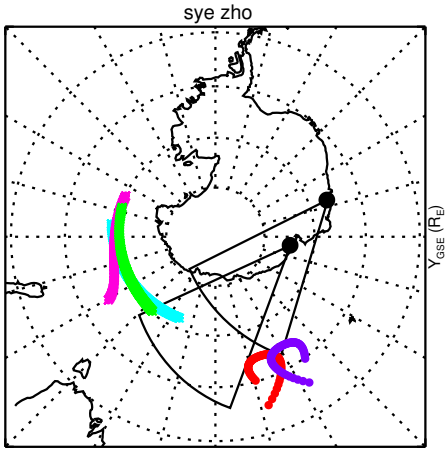


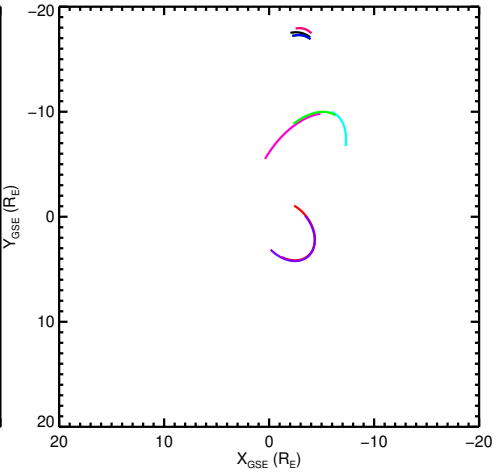


(c) 1310UT to 1925UT
adw

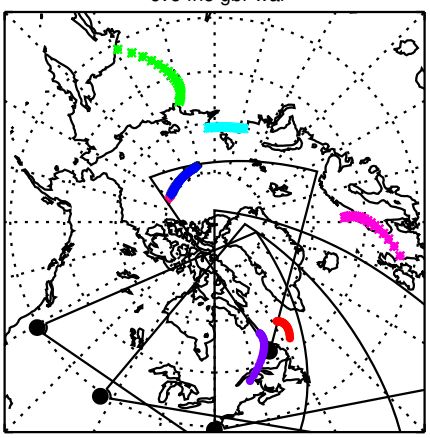


sye zho

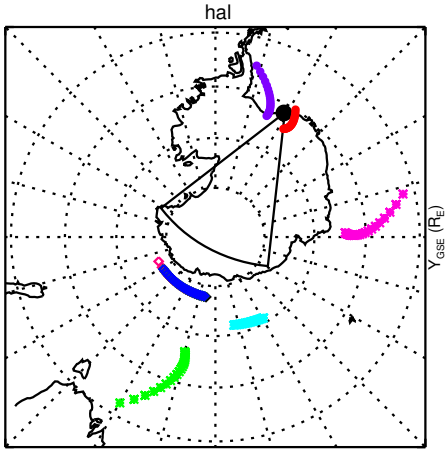


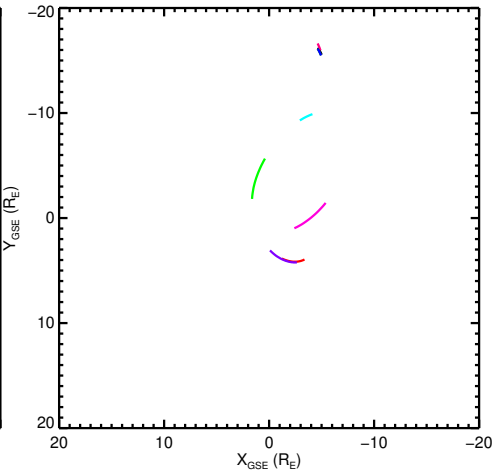


(d) 2210UT to 2355UT
cve fhe gbr wal



hal

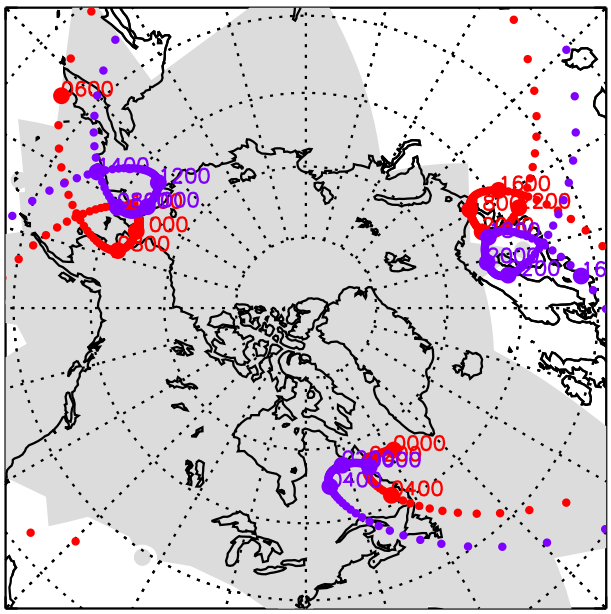


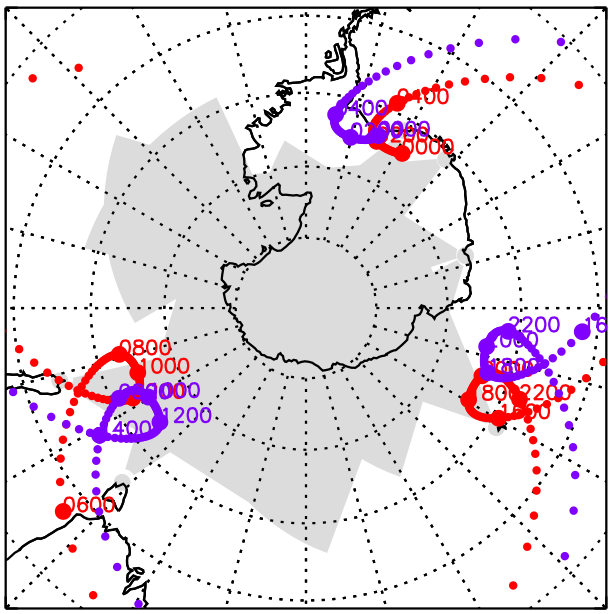


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

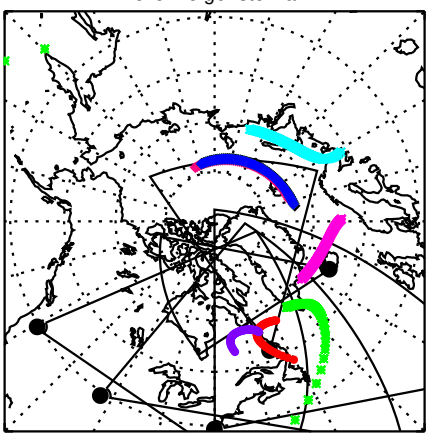
09–Jun–2013

Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

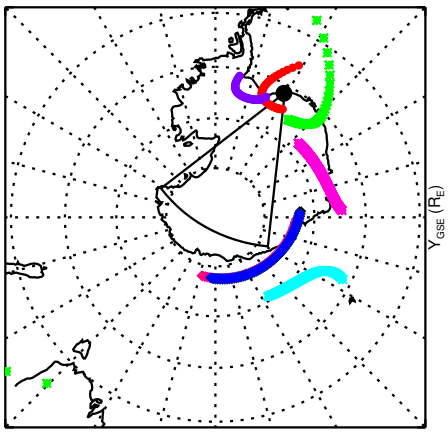


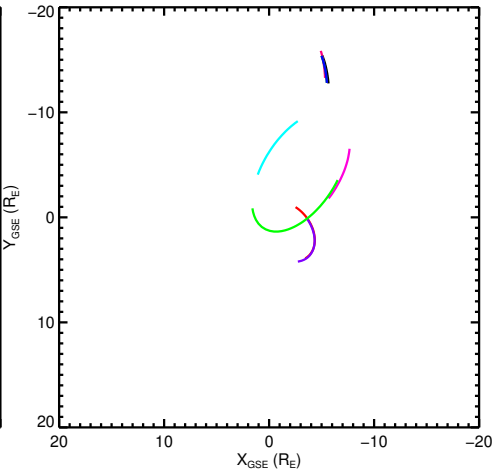


(a) 0000UT to 0420UT
cve fhe gbr sto wal

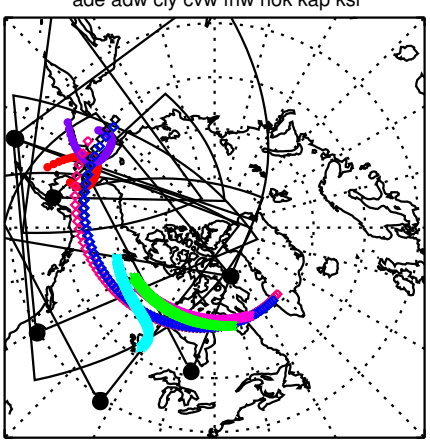


hal

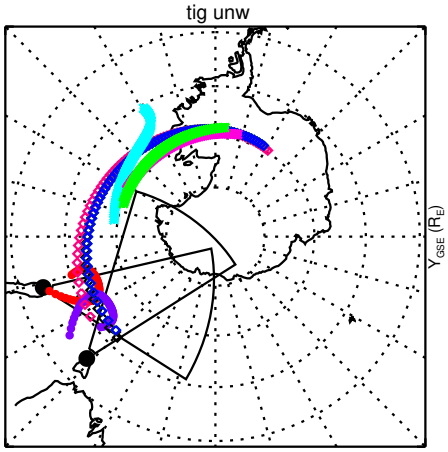


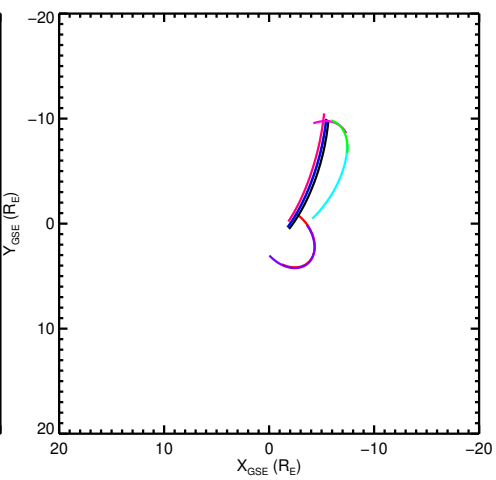


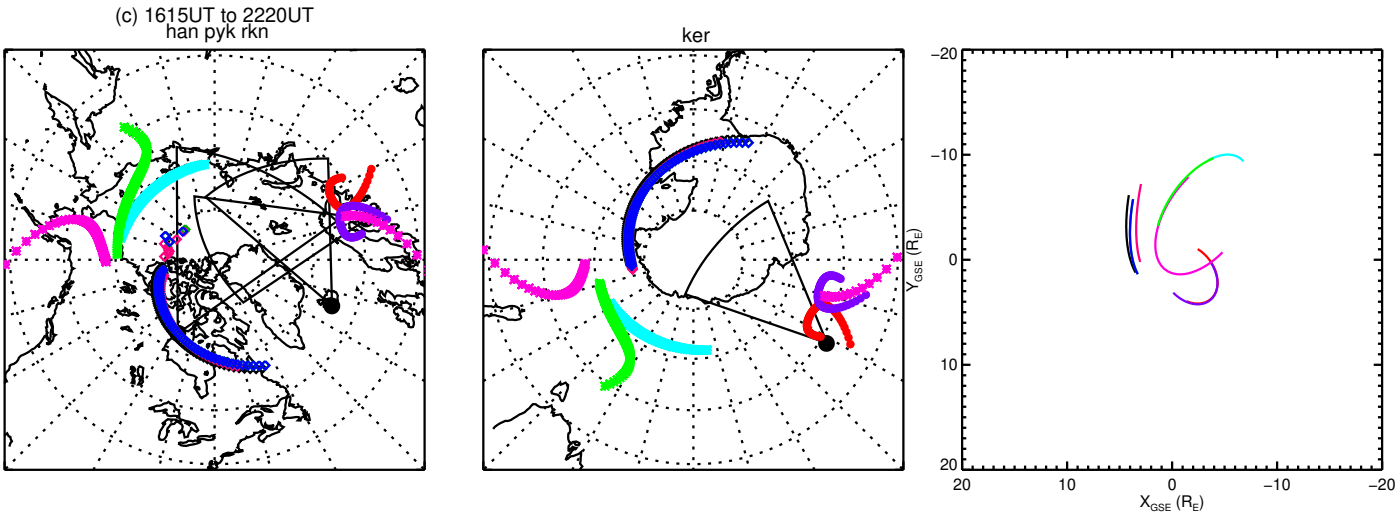
(b) 0710UT to 1320UT
ade adw cly cvw fhw hok kap ksr



tig unw



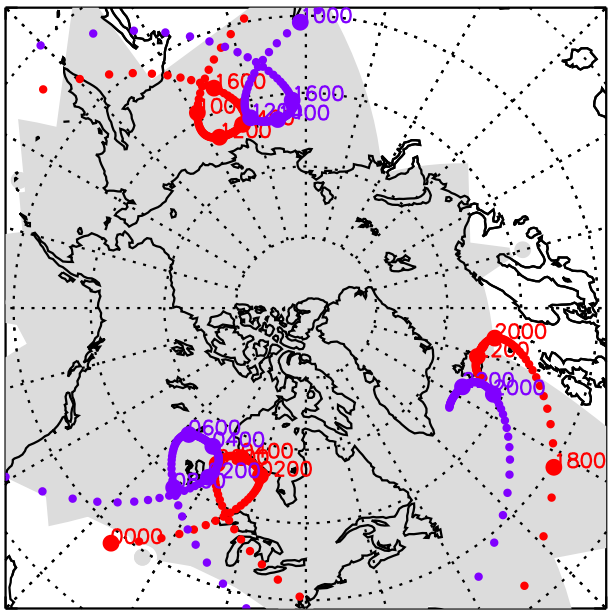


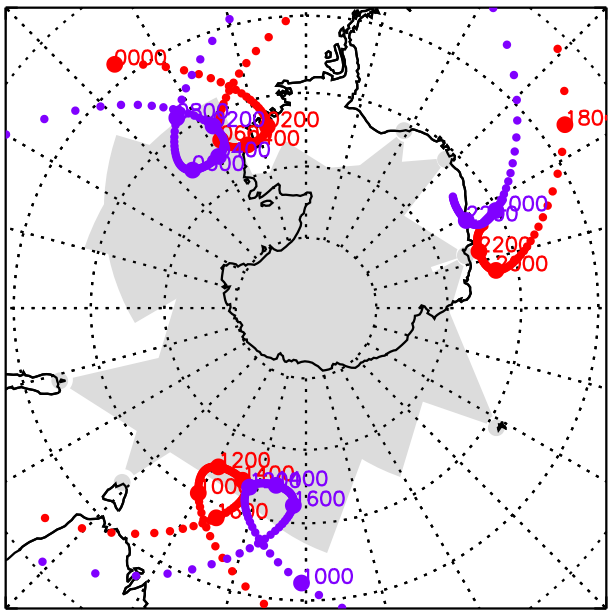

(c) 1615UT to 2220UT
han pyk rkn
ker
−20
−10
0
10
20
Y_{GSE} (R_E)
20
10
0
−10
−20
X_{GSE} (R_E)

Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

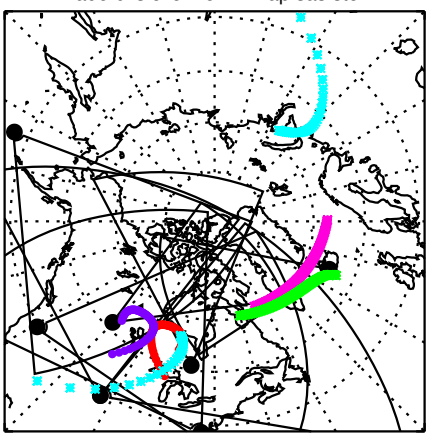
10–Jun–2013

Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

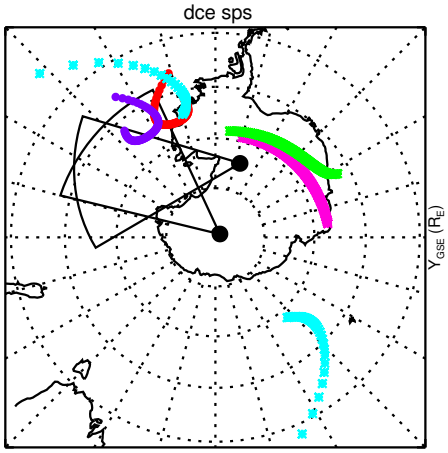


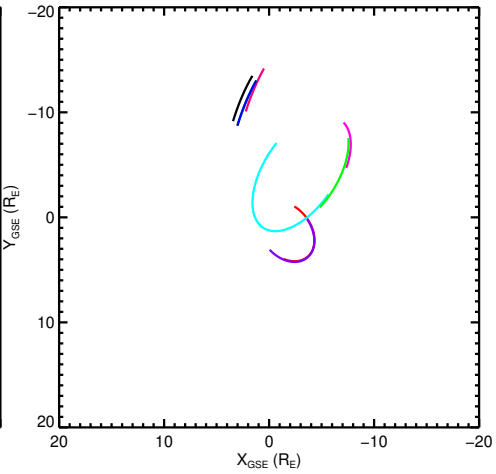


(a) 0115UT to 0720UT
ade bks cve fhe fhw kap sas sto

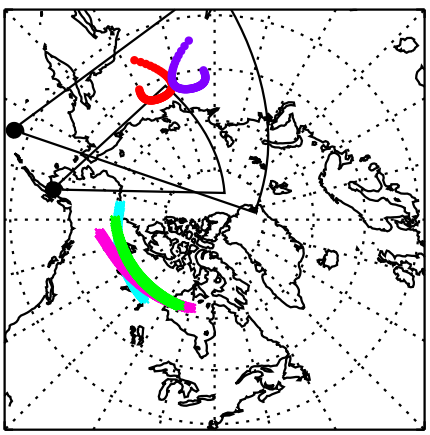


dce sps

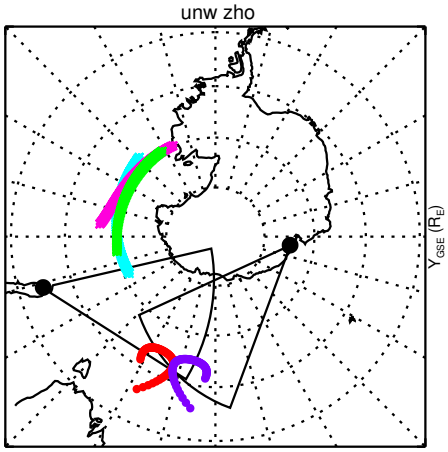


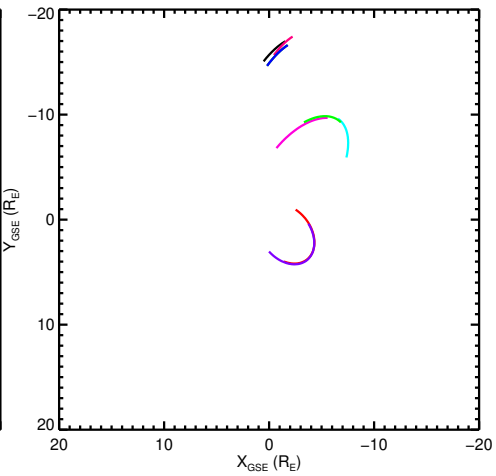


(b) 1015UT to 1615UT
adw ksr

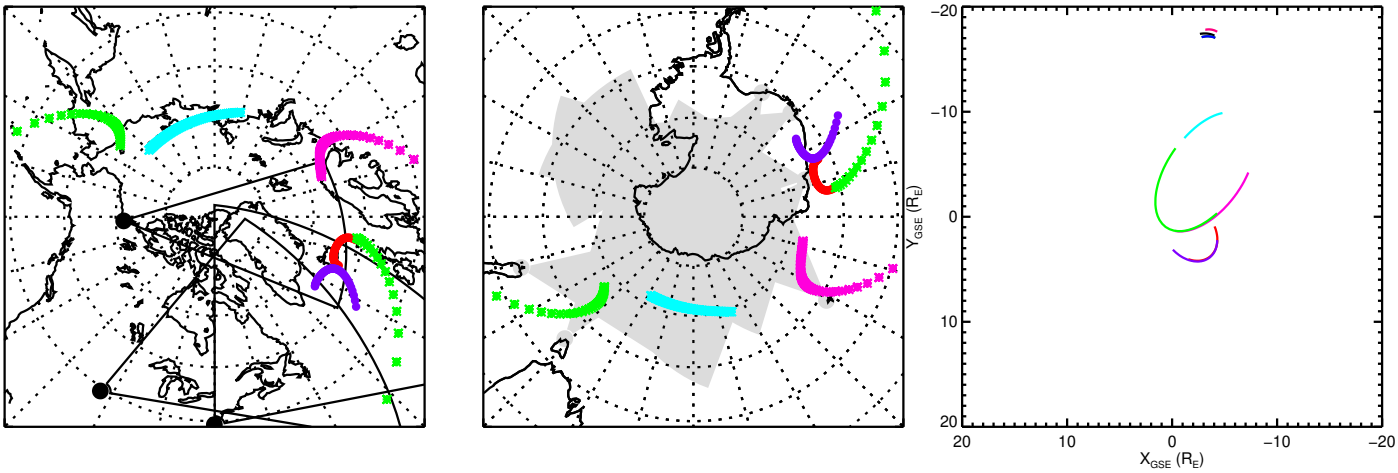


unw zho





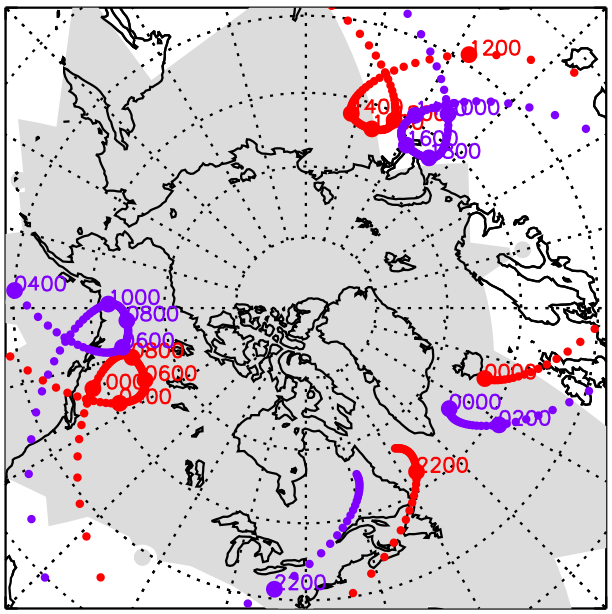
(c) 1920UT to 2355UT
fhe inv wal

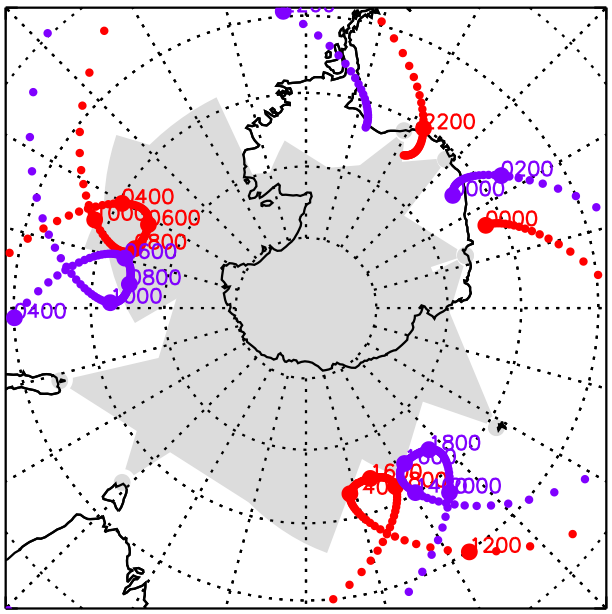


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

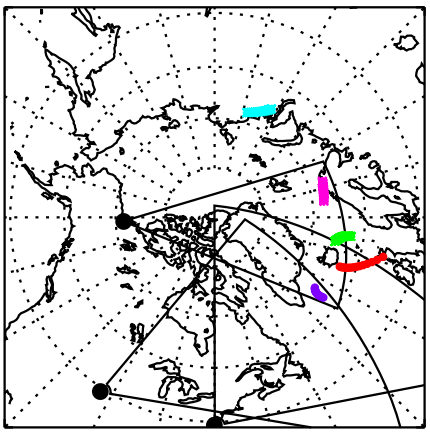
11–Jun–2013

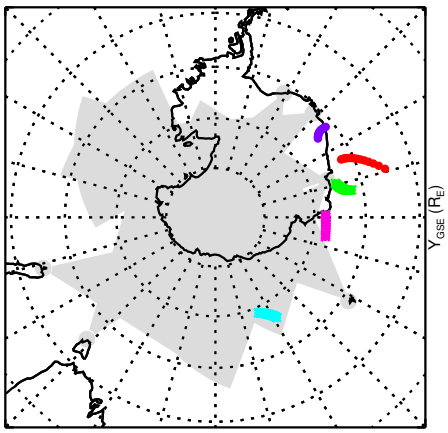
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

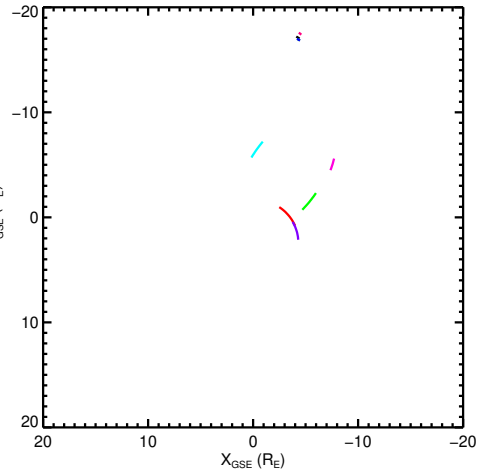




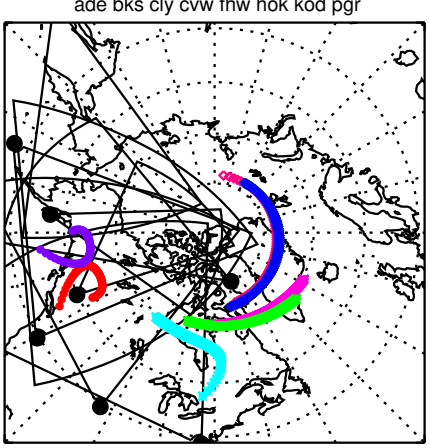
(a) 0000UT to 0115UT
fhe inv wal



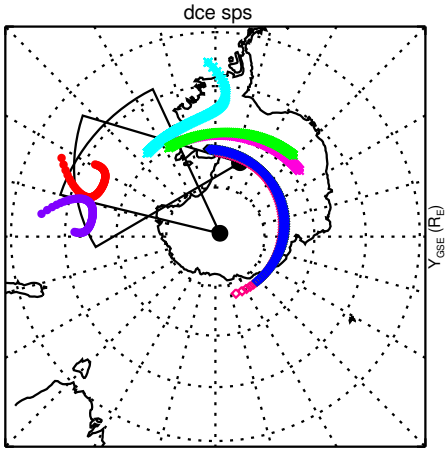


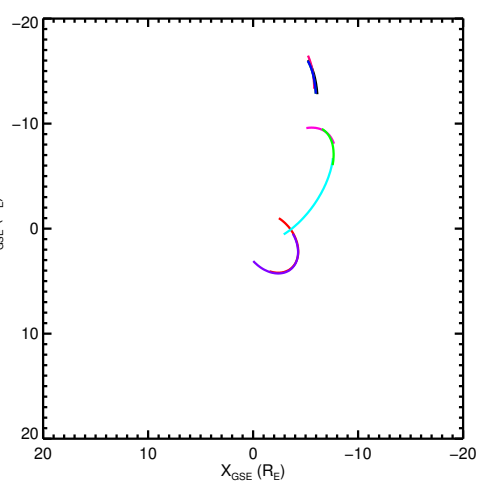


(b) 0420UT to 1015UT
ade bks cly cvw fhw hok kod pgr

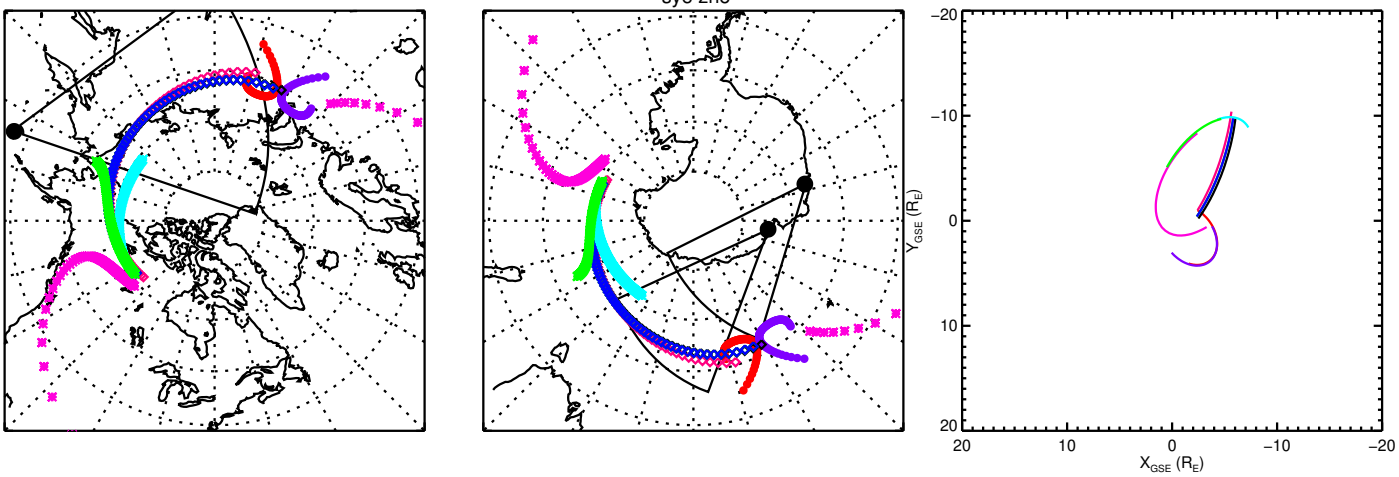


dce sps

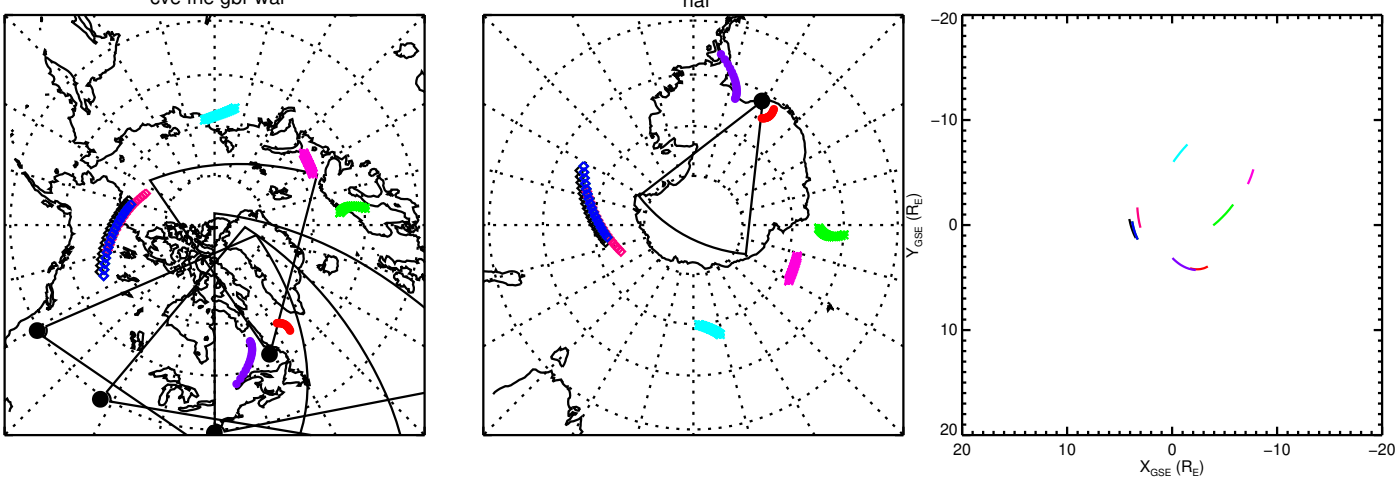




(c) 1320UT to 1915UT



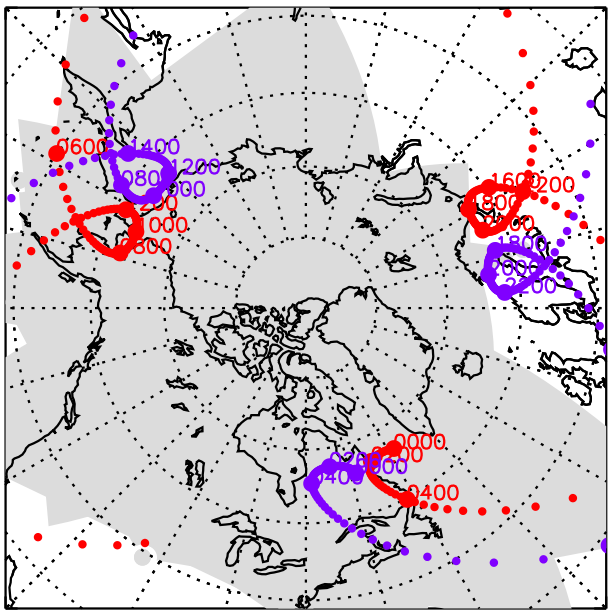
(d) 2225UT to 2355UT

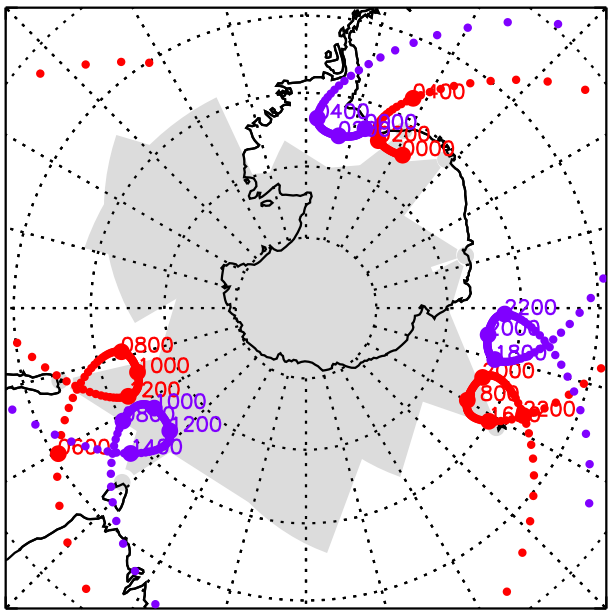


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

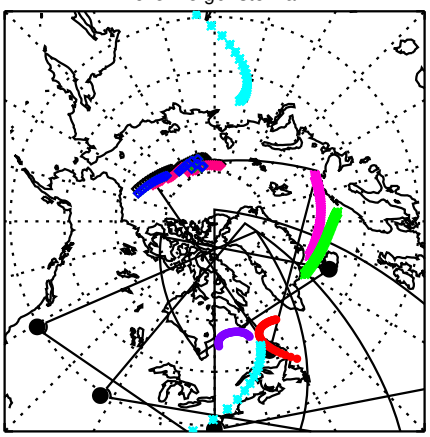
12–Jun–2013

Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

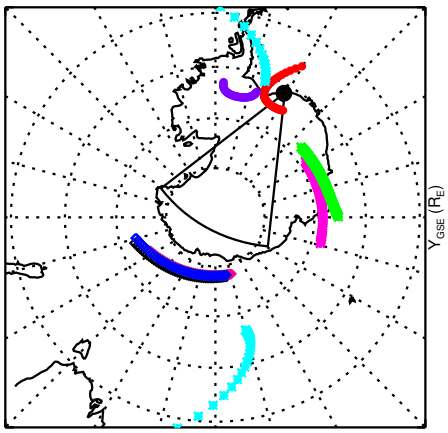


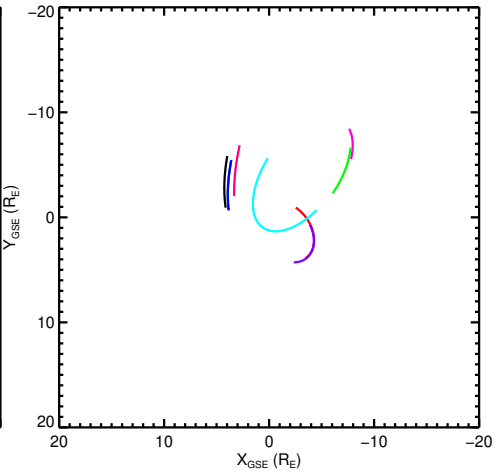


(a) 0000UT to 0410UT
cve fhe gbr sto wal

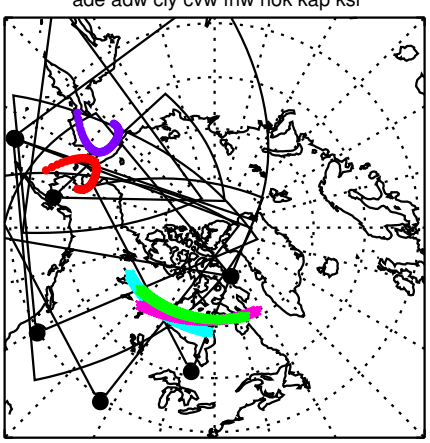


hal

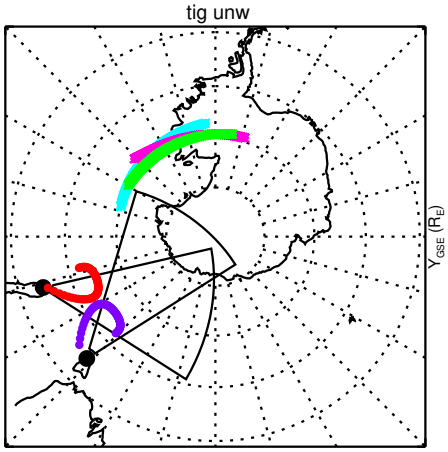


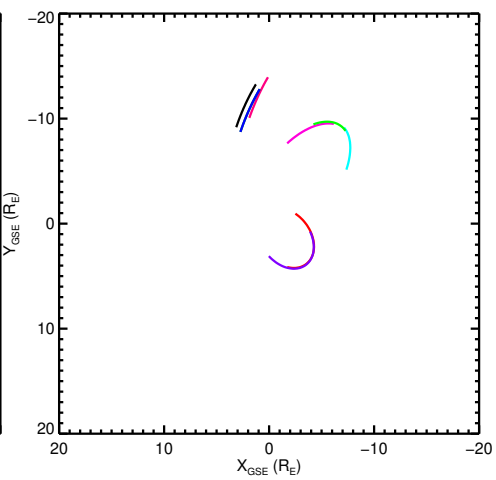


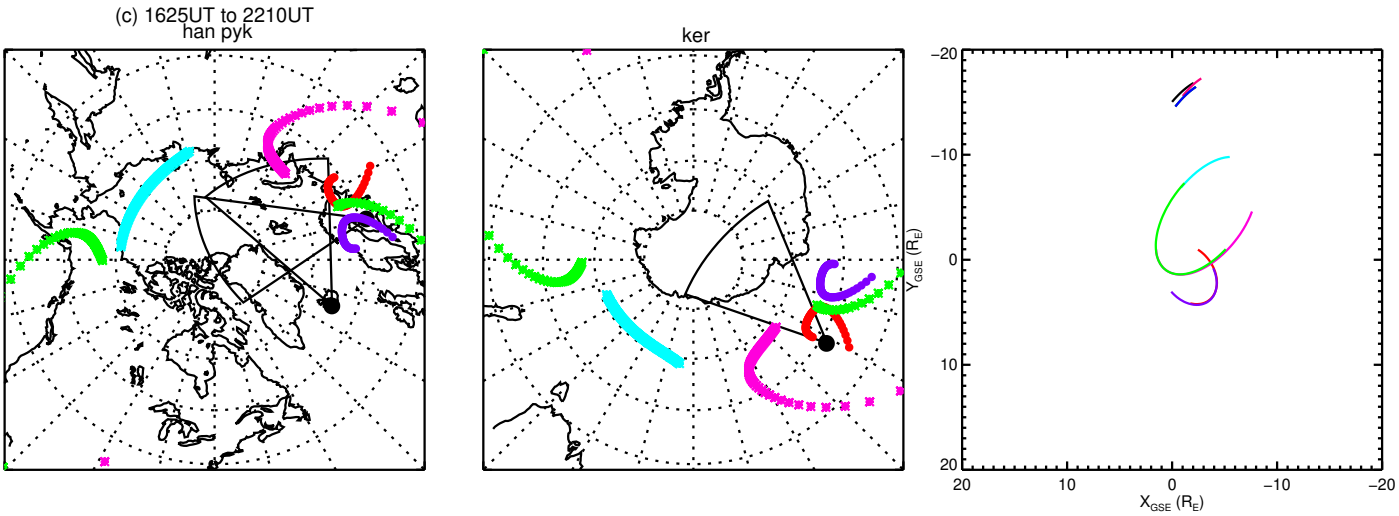
(b) 0725UT to 1310UT
ade adw cly cvw fhw hok kap ksr



tig unw



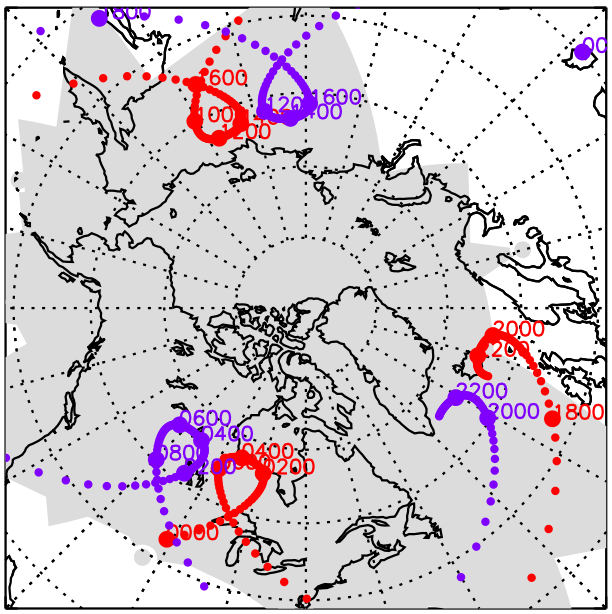


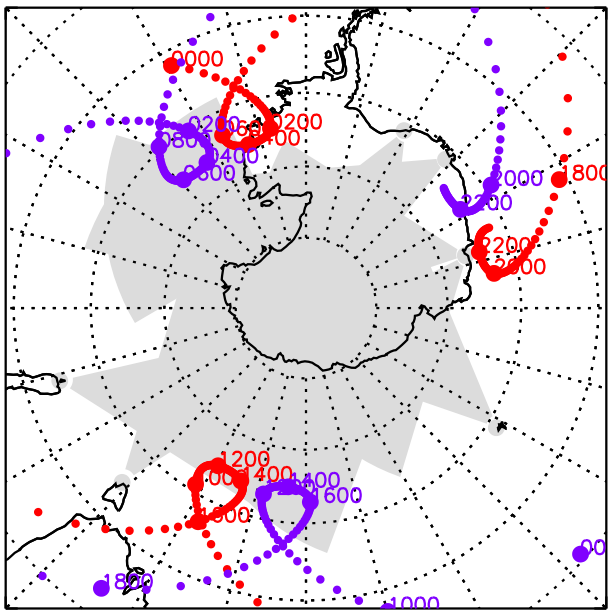

(c) 1625UT to 2210UT
han pyk
ker
−20
−10
0
10
20
Y_{GSE} (R_E)
20
10
0
−10
−20
X_{GSE} (R_E)

Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

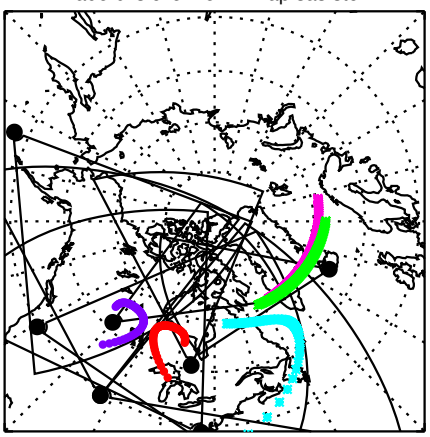
13–Jun–2013

Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

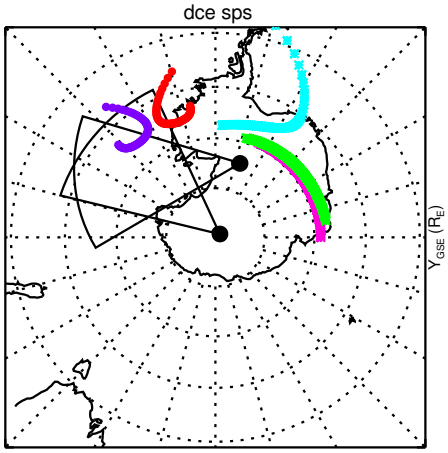


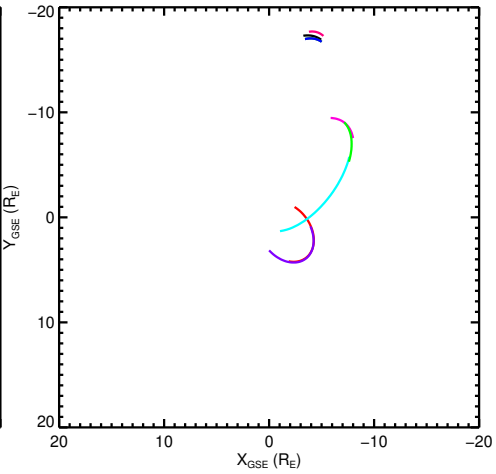


(a) 0130UT to 0710UT
ade bks cve fhe fhw kap sas sto

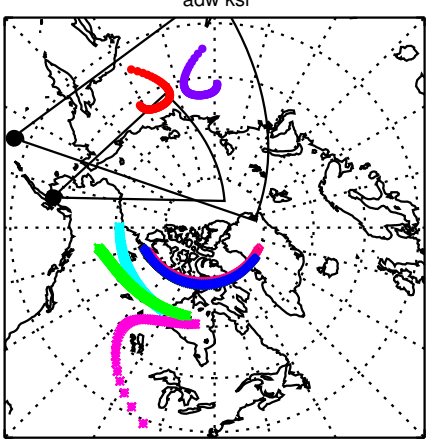


dce sps

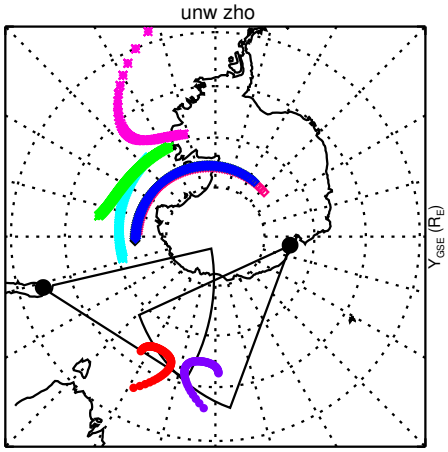


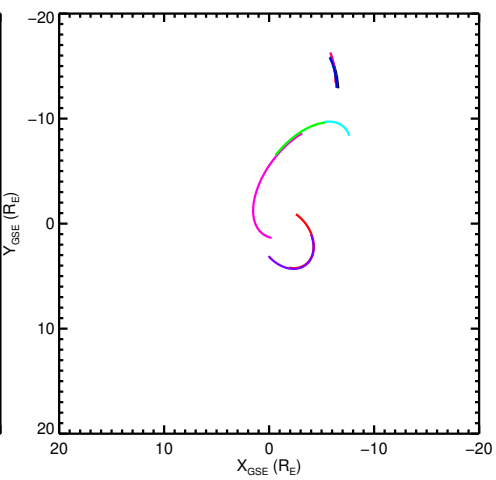


(b) 1030UT to 1605UT
adw ksr

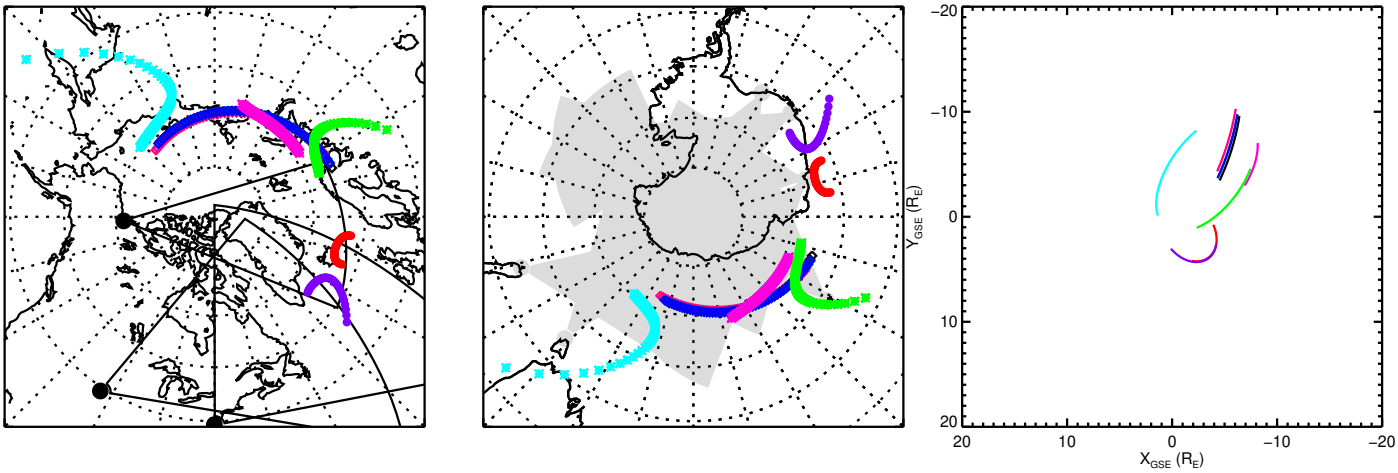


unw zho





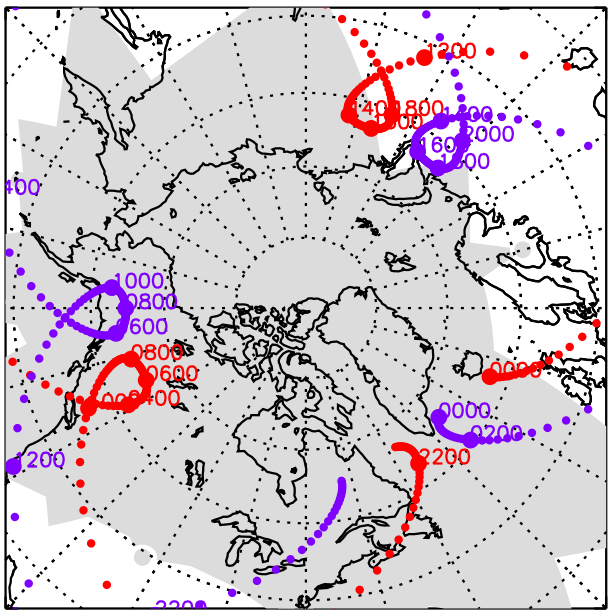
(c) 1930UT to 2355UT
fhe inv wal

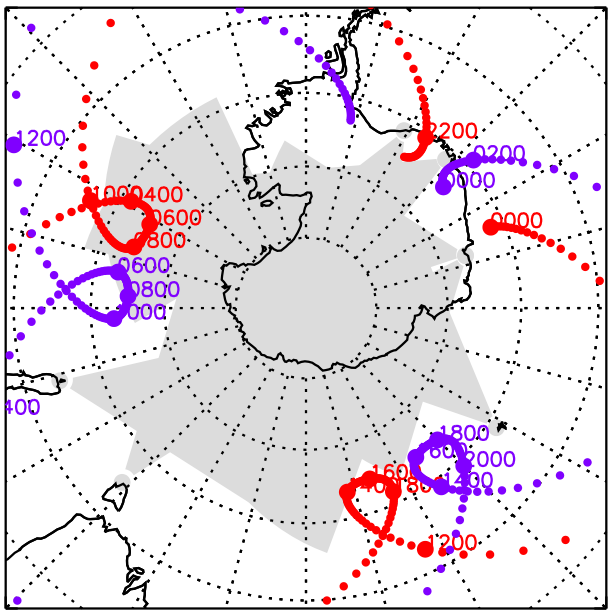


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

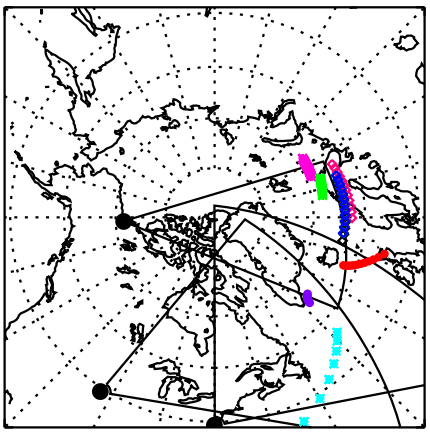
14–Jun–2013

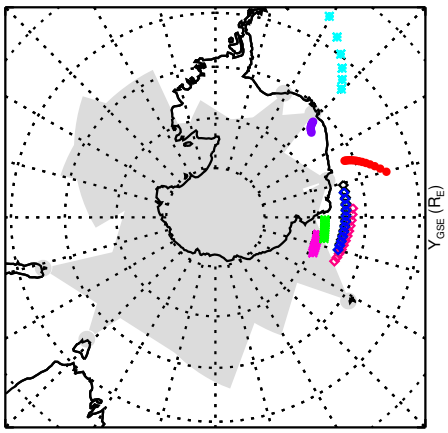
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

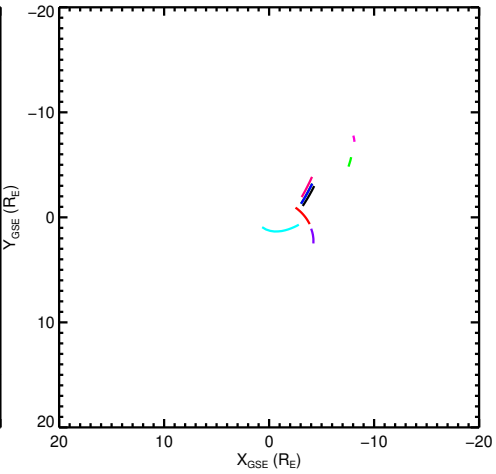




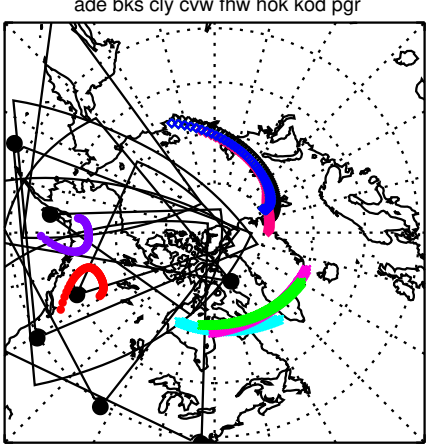
(a) 0000UT to 0105UT
fhe inv wal



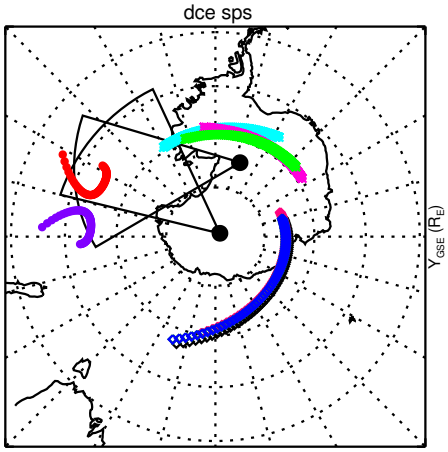


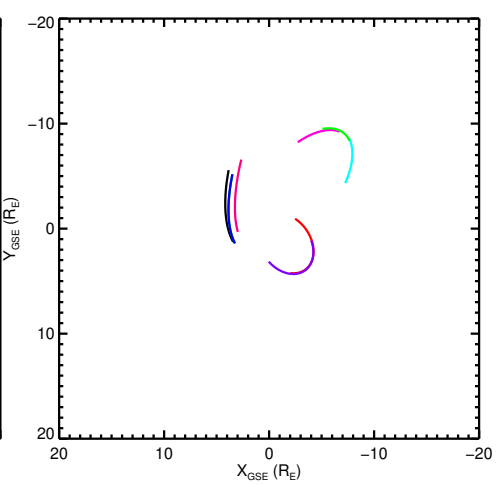


(b) 0435UT to 1005UT
ade bks cly cvw fhw hok kod pgr

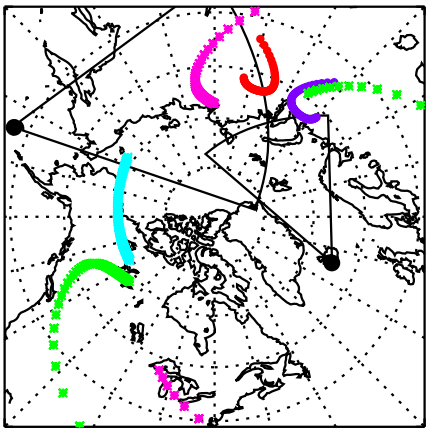


dce sps

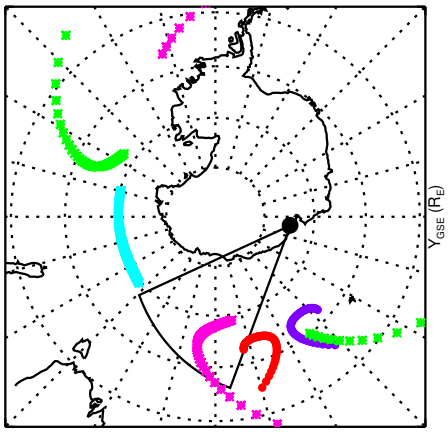


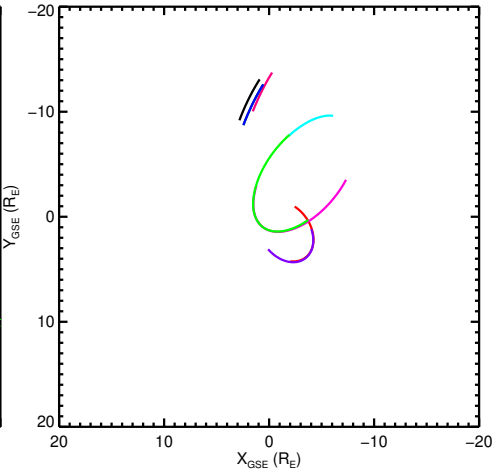


(c) 1335UT to 1905UT
adw pyk

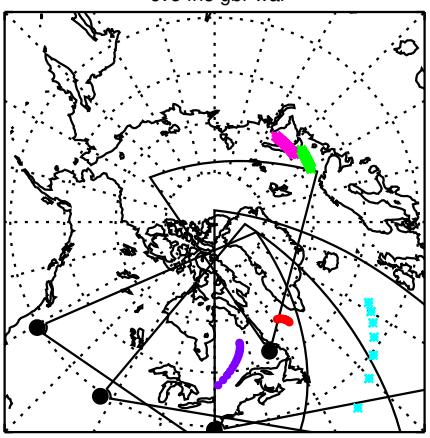


zho

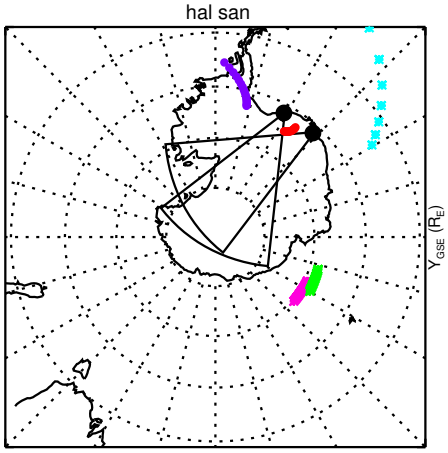


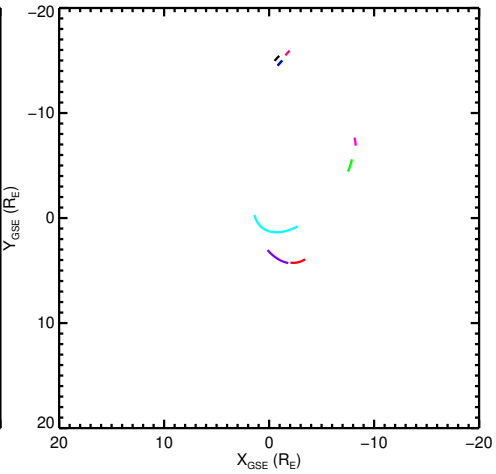


(d) 2235UT to 2355UT
cve fhe gbr wal



hal san

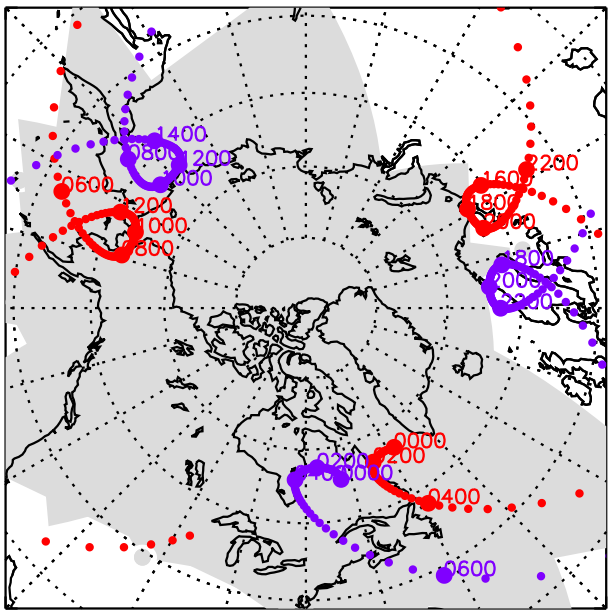


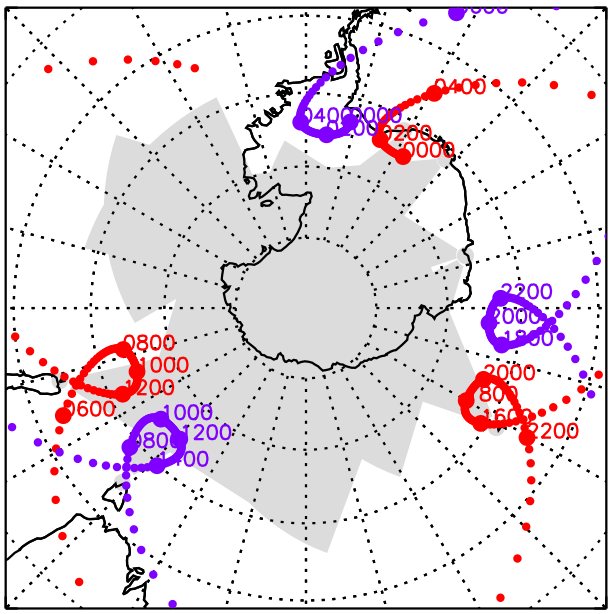


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

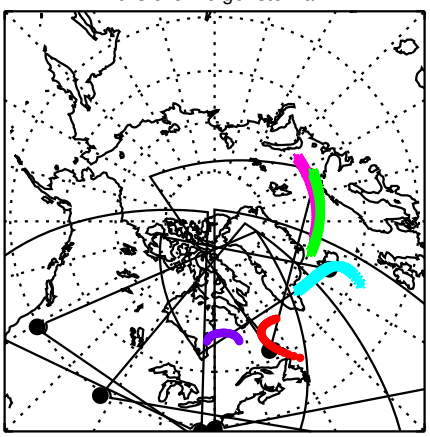
15–Jun–2013

Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

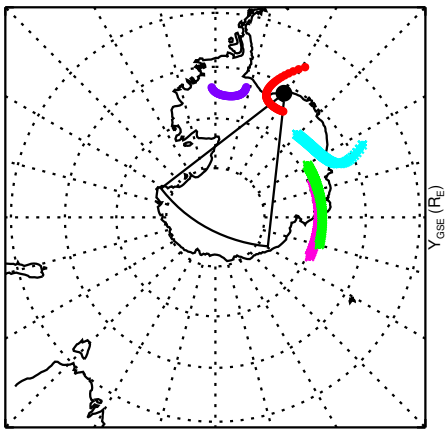


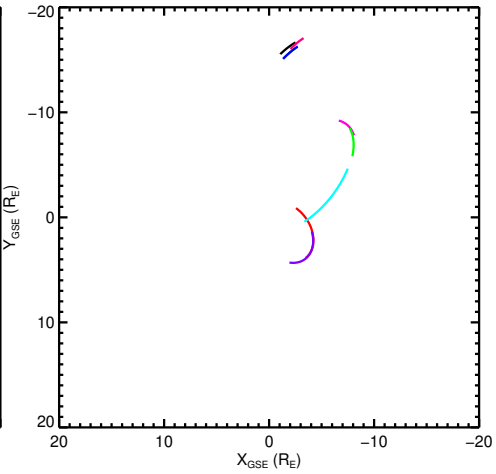


(a) 0000UT to 0400UT
bks cve fhe gbr sto wal

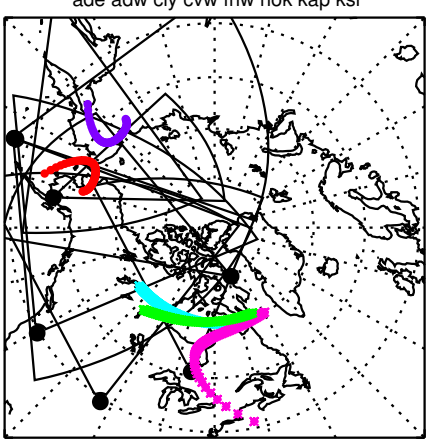


hal

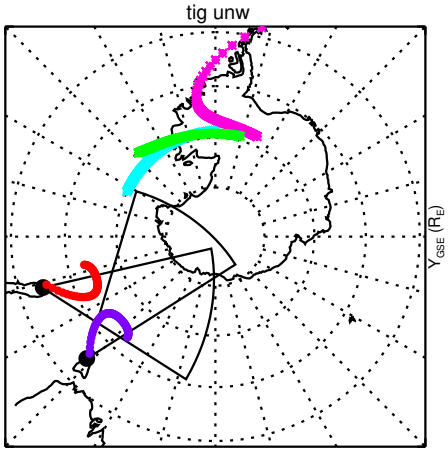


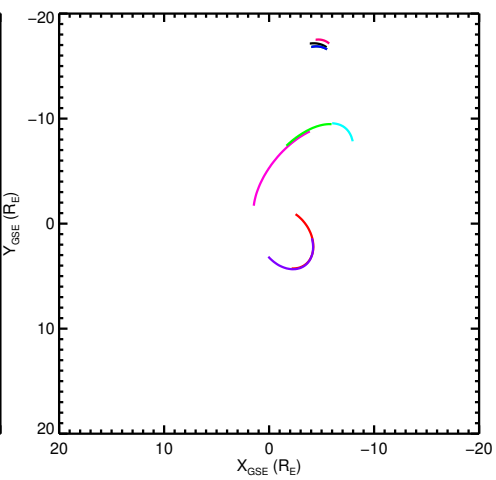


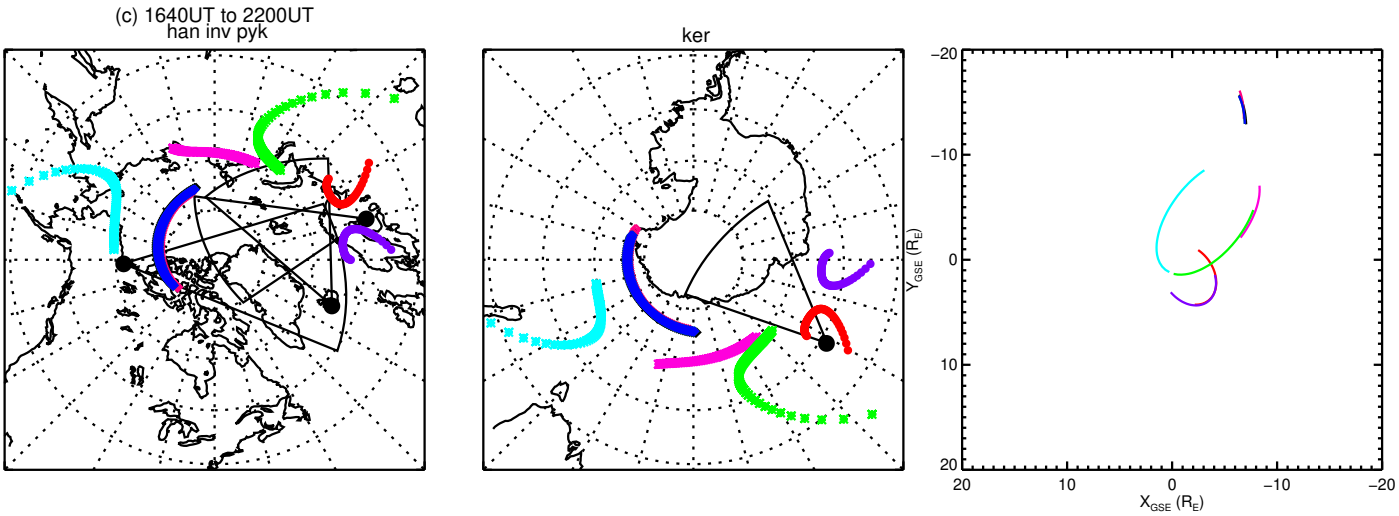
(b) 0740UT to 1300UT
ade adw cly cvw fhw hok kap ksr



tig unw



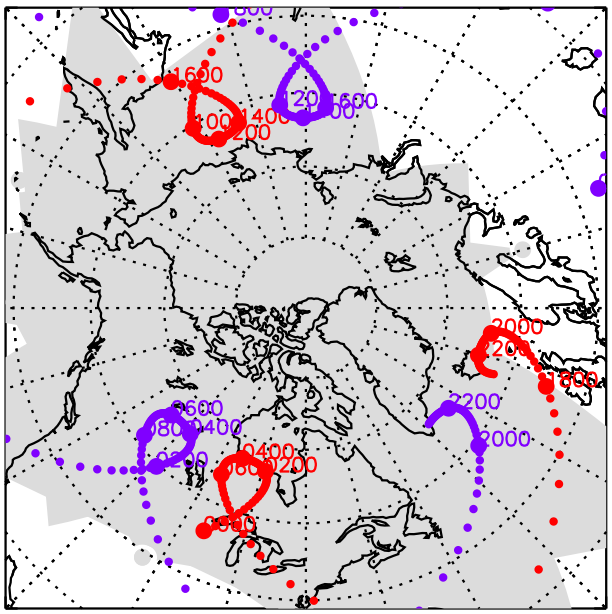


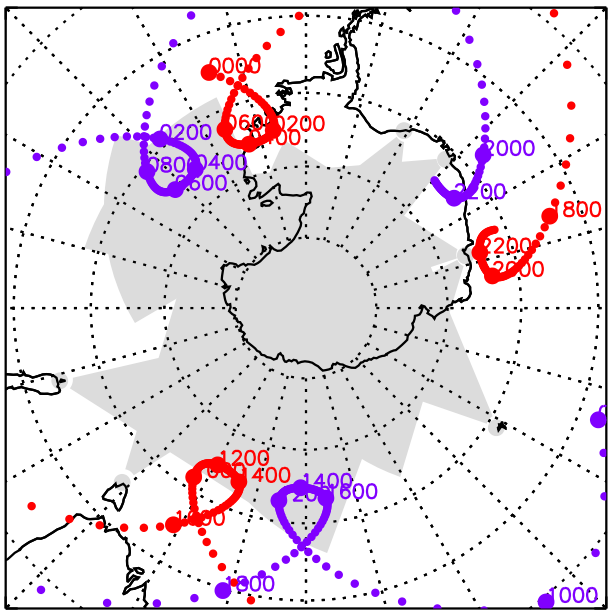

(c) 1640UT to 2200UT
han inv pyk
ker
−20
−10
0
10
20
Y_{GSE} (R_E)
20
10
0
−10
−20
X_{GSE} (R_E)

Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

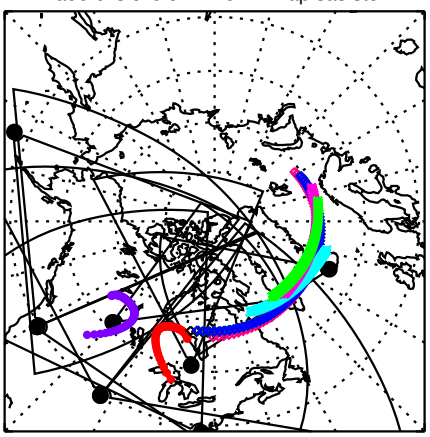
16–Jun–2013

Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

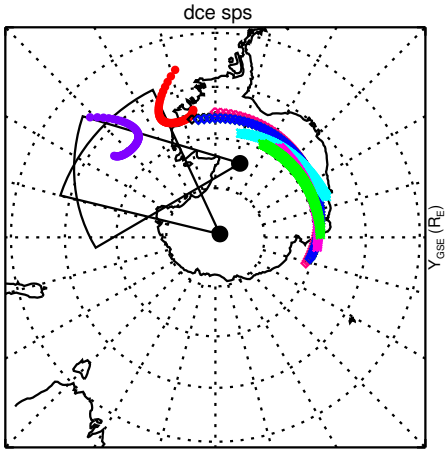


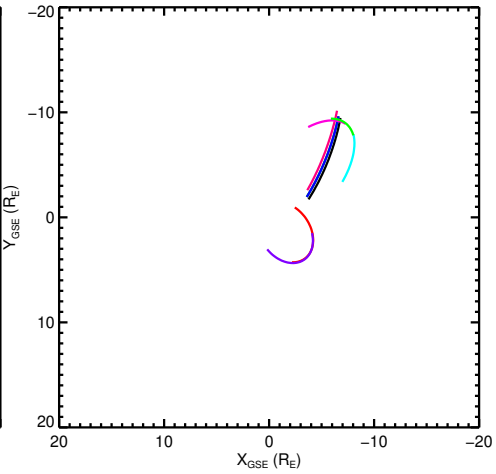


(a) 0140UT to 0700UT
ade bks cve cvw fhe fhw kap sas sto

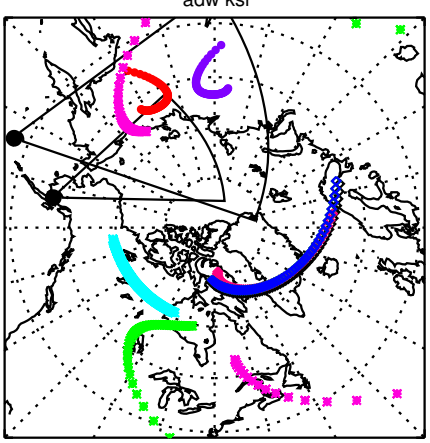


dce sps

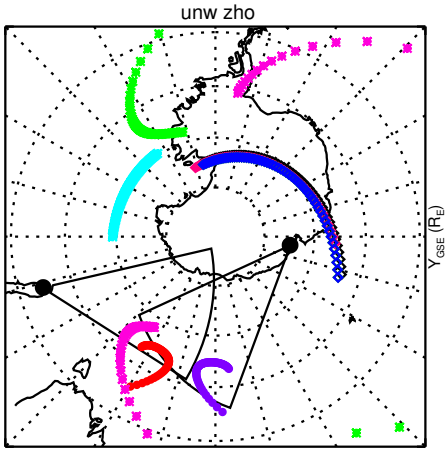


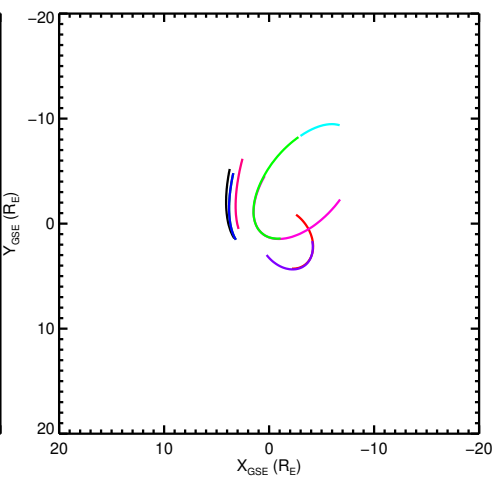


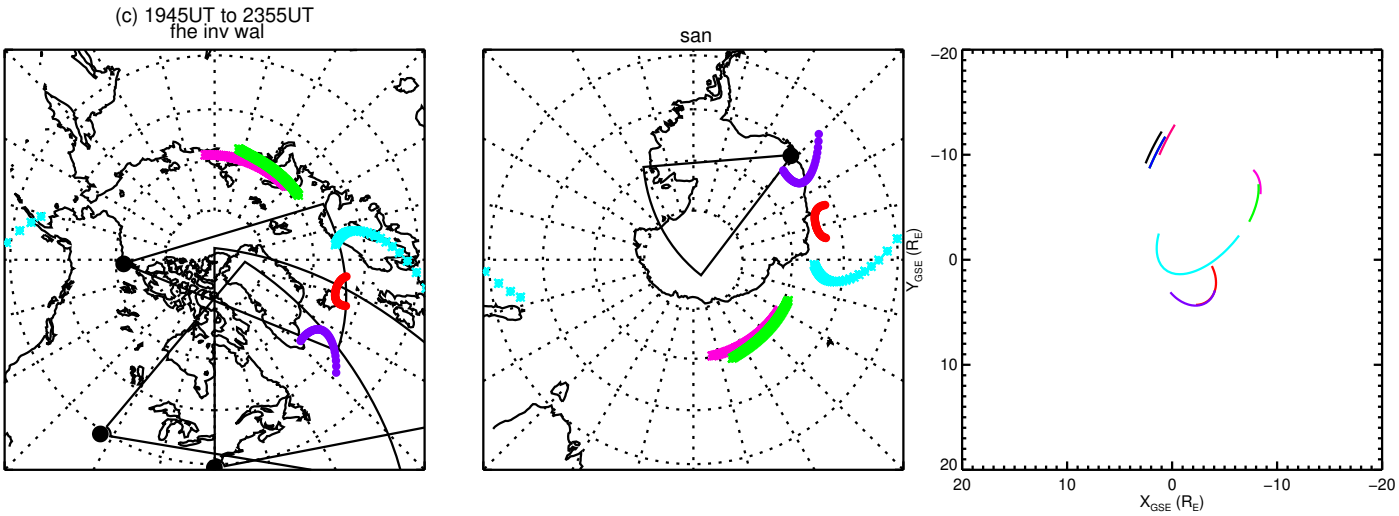
(b) 1040UT to 1555UT
adw ksr



unw zho



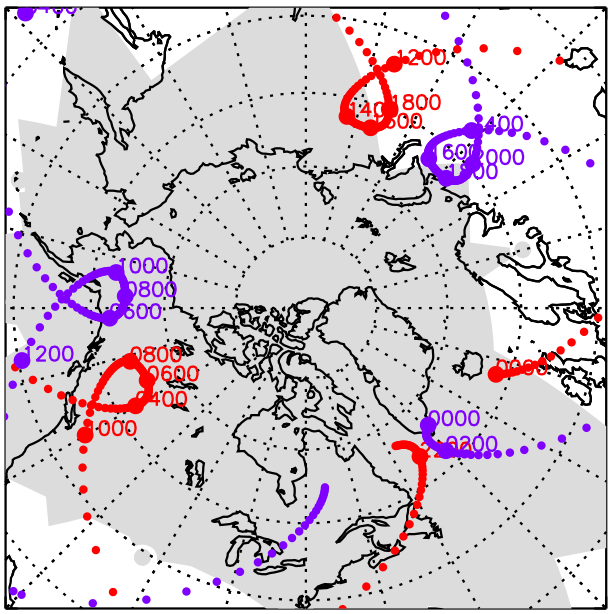


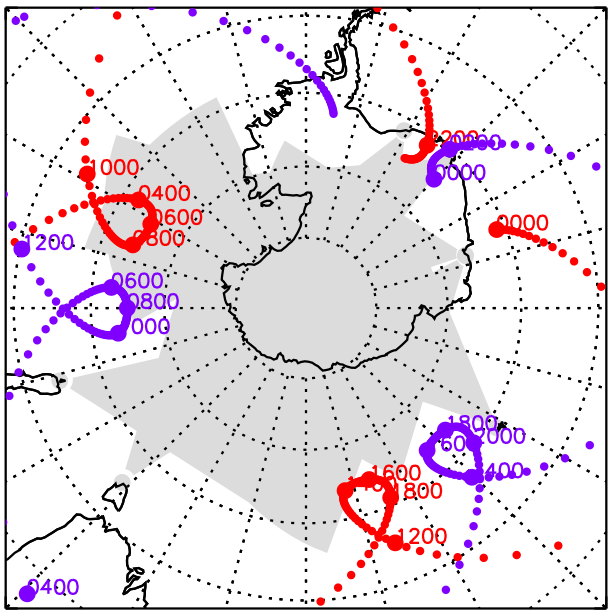

(c) 1945UT to 2355UT
fhe inv wal
san
−20
−10
0
10
20
20
10
0
−10
−20
Y_{GSE} (R_E)
X_{GSE} (R_E)

Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

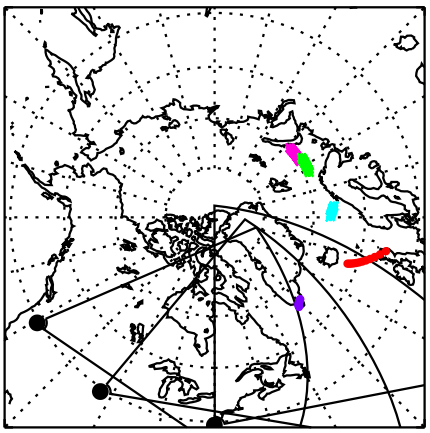
17–Jun–2013

Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

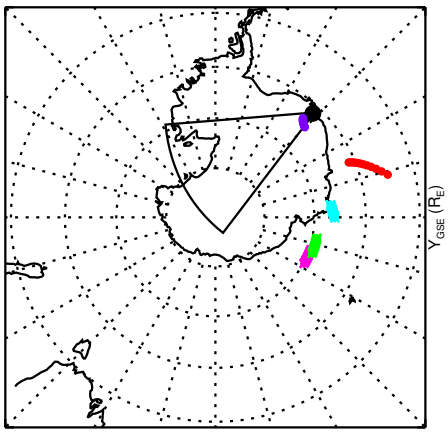


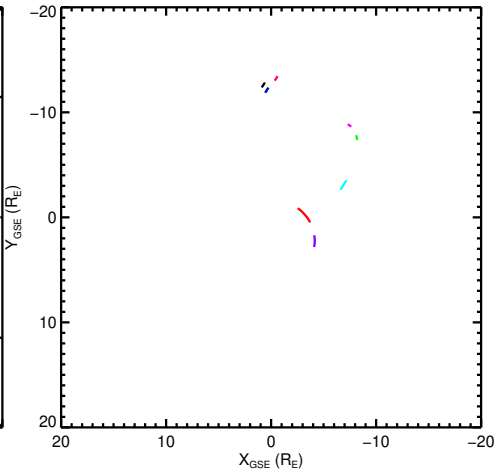


(a) 0000UT to 0055UT
cve fhe wal

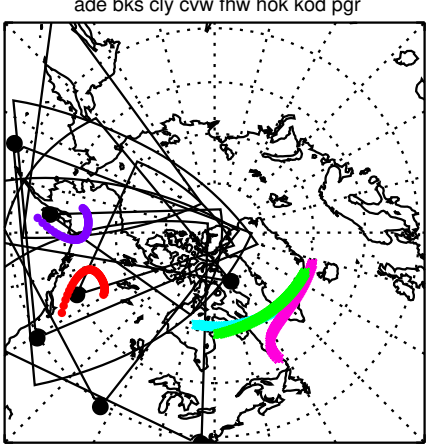


san

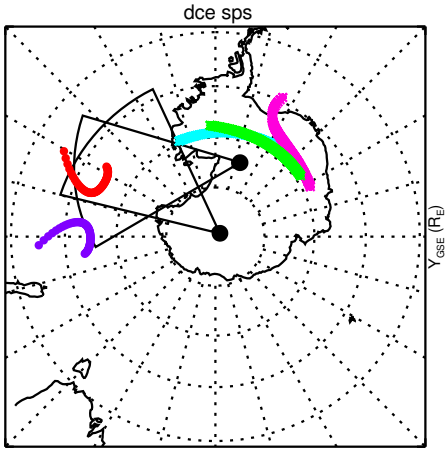


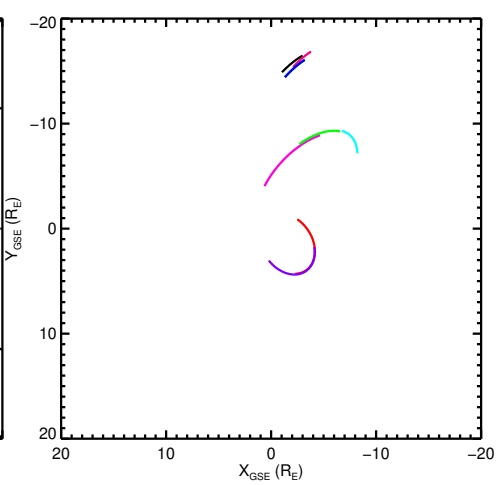


(b) 0445UT to 0955UT
ade bks cly cvw fhw hok kod pgr

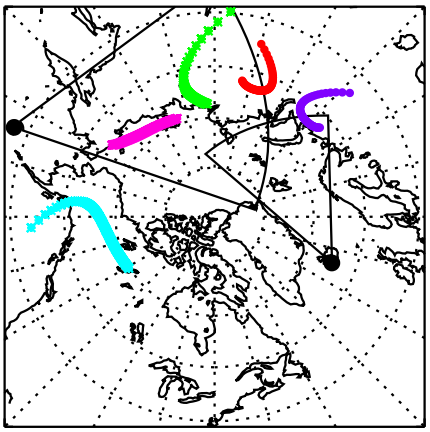


dce sps

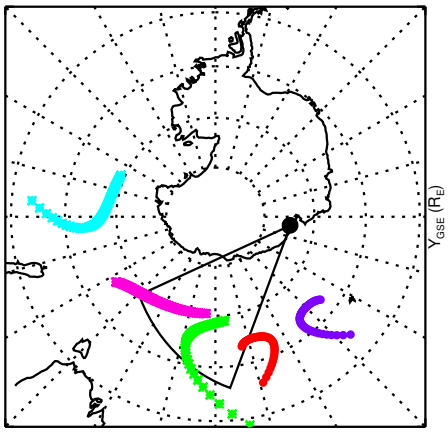


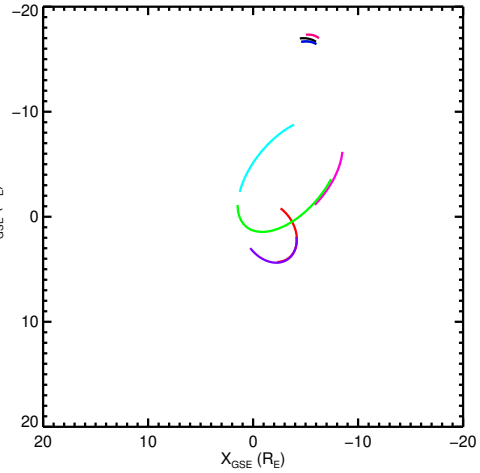


(c) 1345UT to 1850UT
adw pyk

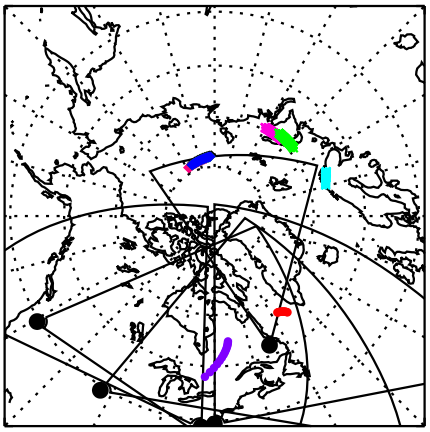


zho

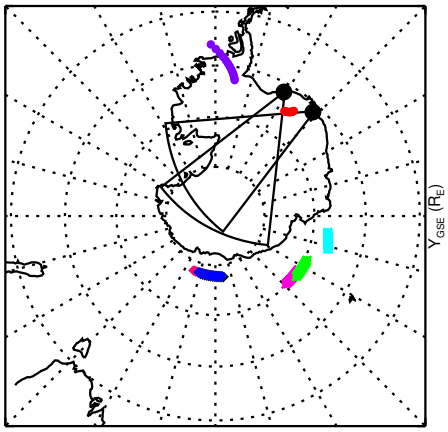


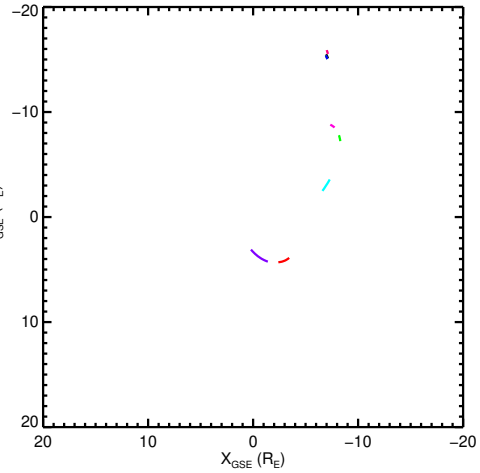


(d) 2250UT to 2355UT
bks cve fhe gbr wal



hal san

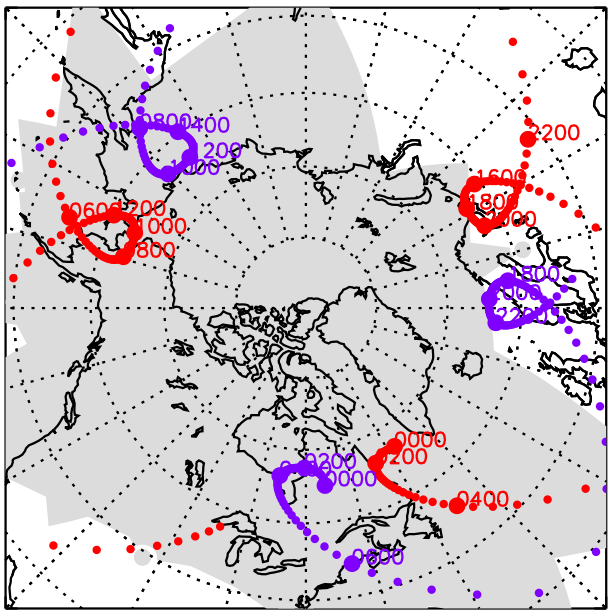


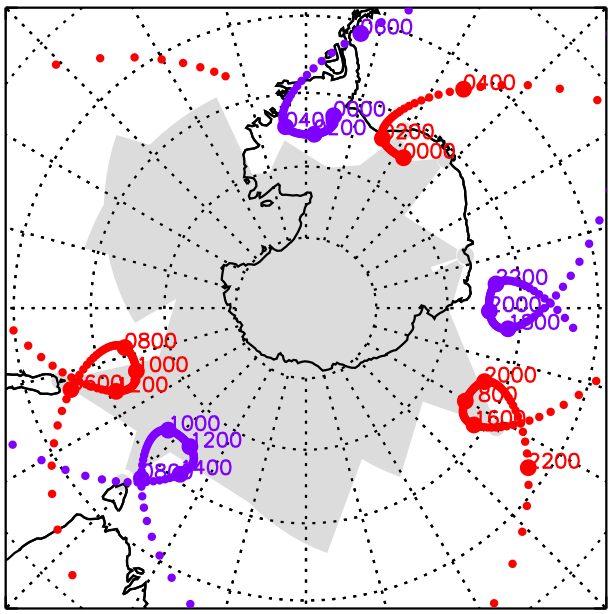


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

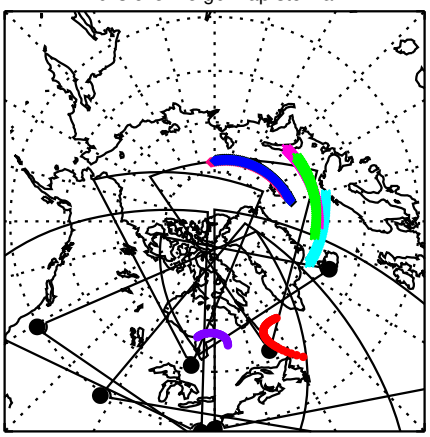
18–Jun–2013

Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

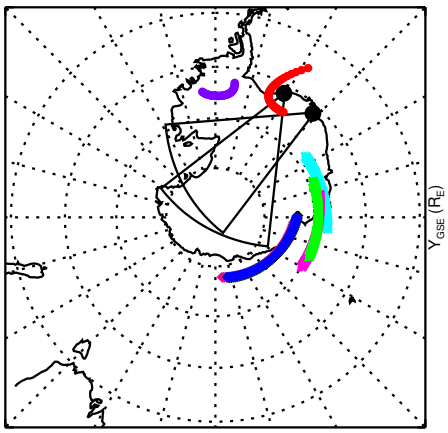


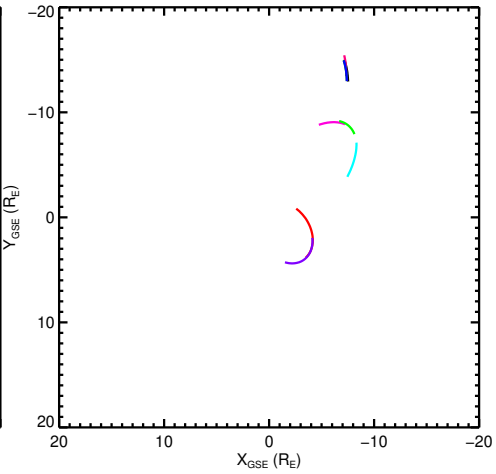


(a) 0000UT to 0350UT
bks cve fhe gbr kap sto wal

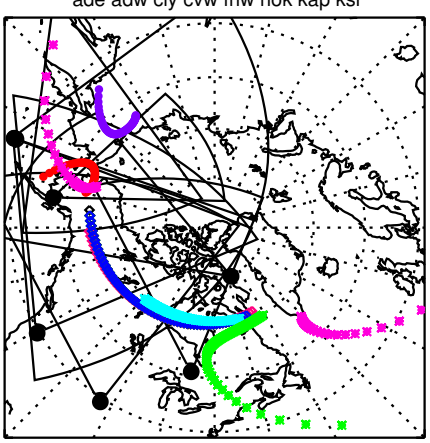


hal san

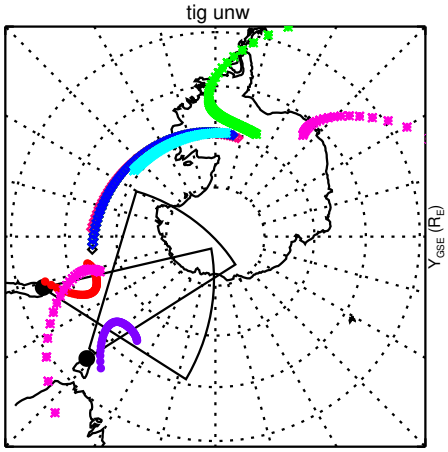


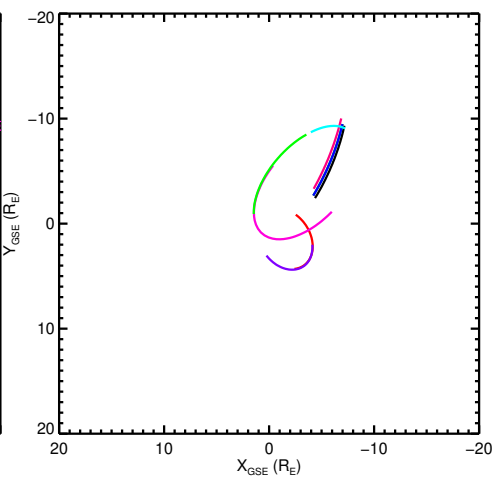


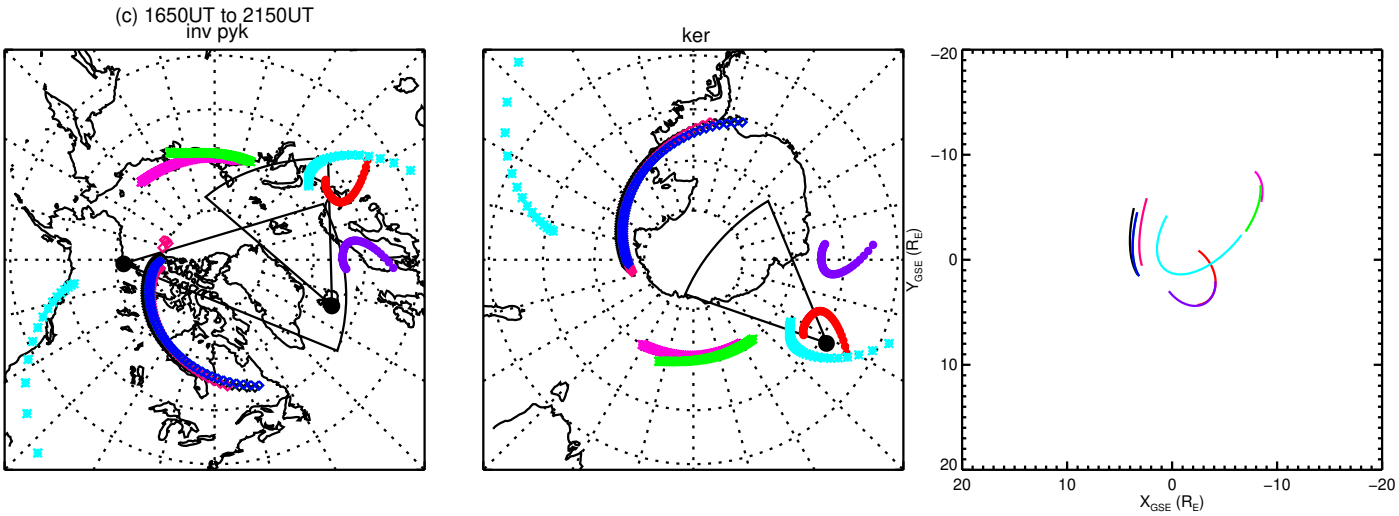
(b) 0750UT to 1250UT
ade adw cly cvw fhw hok kap ksr



tig unw



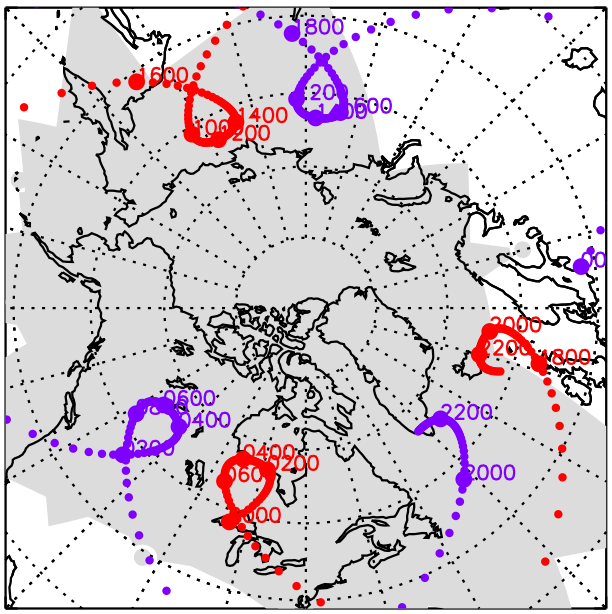


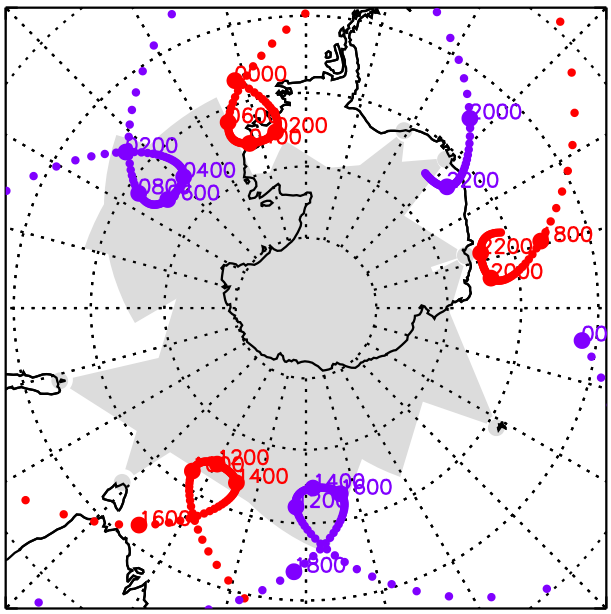

(c) 1650UT to 2150UT
inv pyk
ker
−20
−10
0
10
20
Y_{GSE} (R_E)
20
10
0
−10
−20
X_{GSE} (R_E)

Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

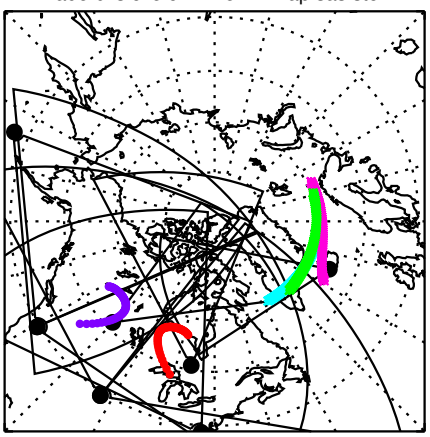
19–Jun–2013

Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

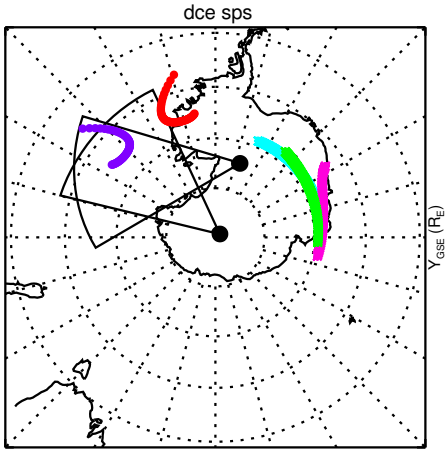


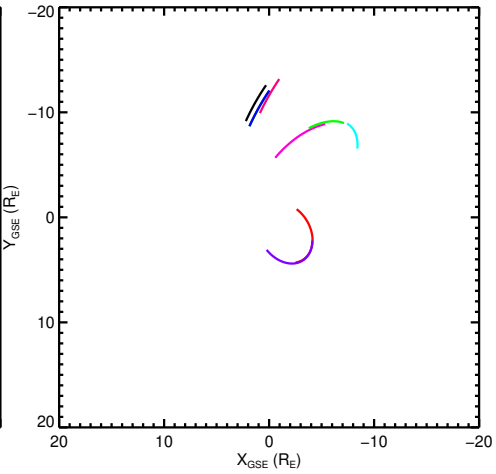


(a) 0155UT to 0645UT
ade bks cve cvw fhe fhw kap sas sto

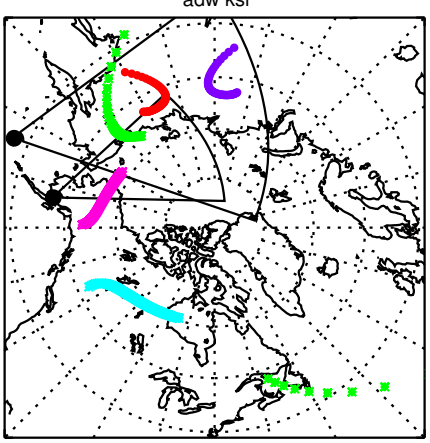


dce sps

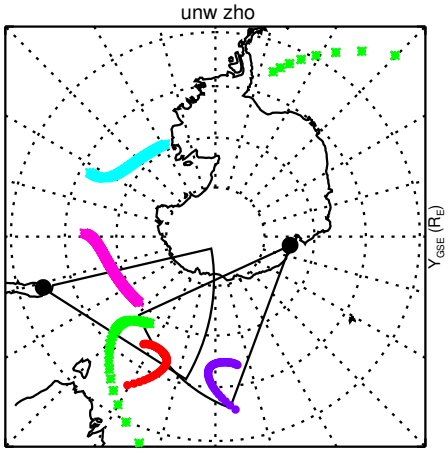


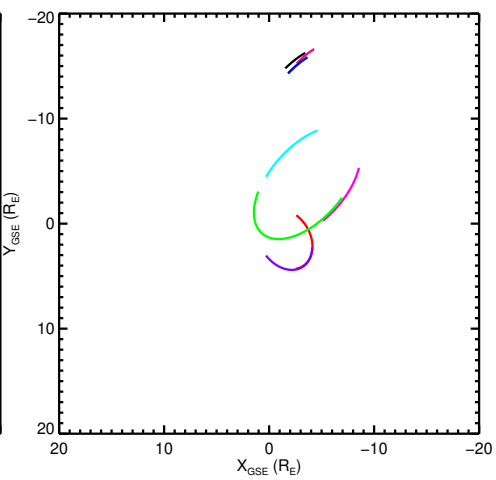


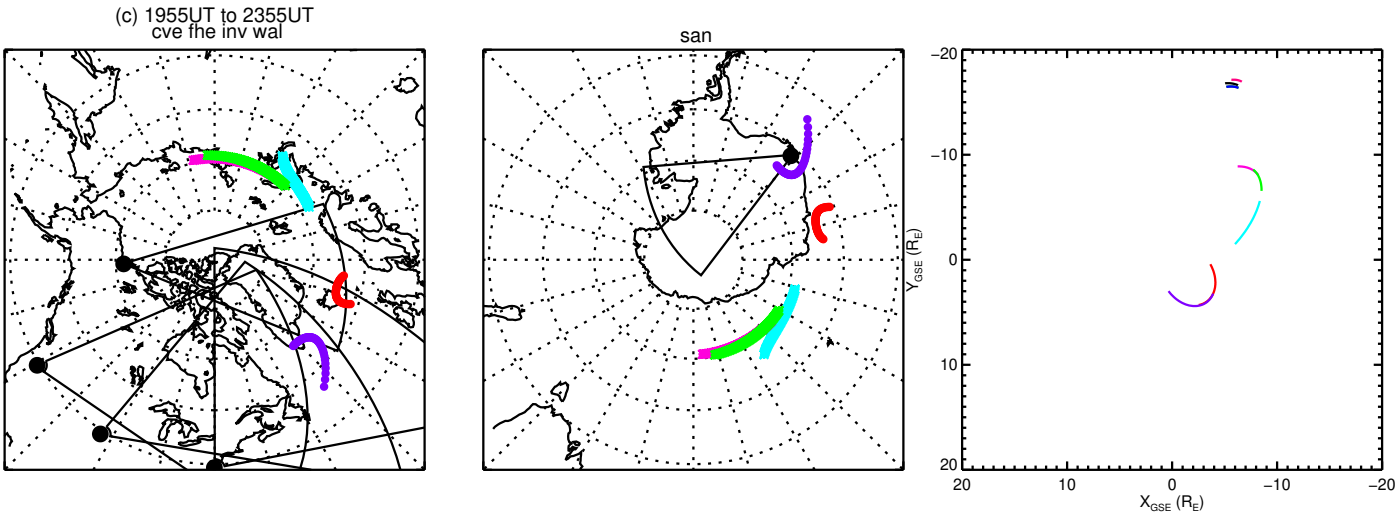
(b) 1055UT to 1545UT
adw ksr



unw zho



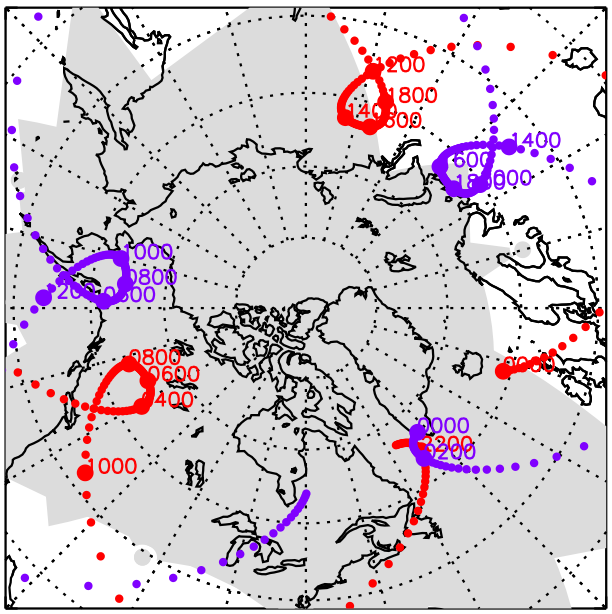


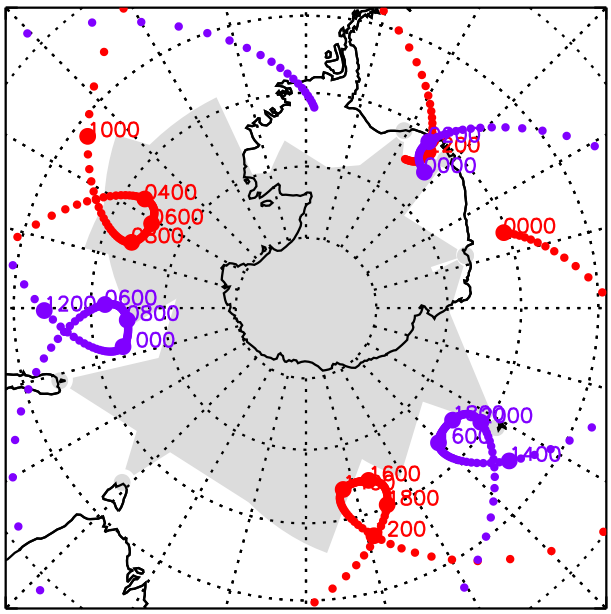

(c) 1955UT to 2355UT
cve fhe inv wal
san
−20
−10
0
10
20
Y_{GSE} (R_E)
20
10
0
−10
−20
X_{GSE} (R_E)

Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

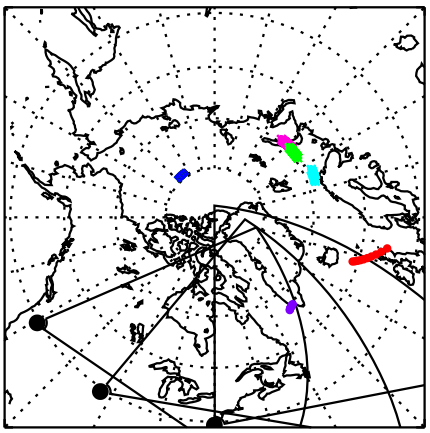
20–Jun–2013

Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

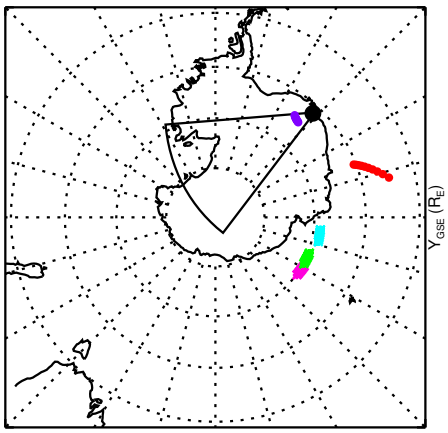


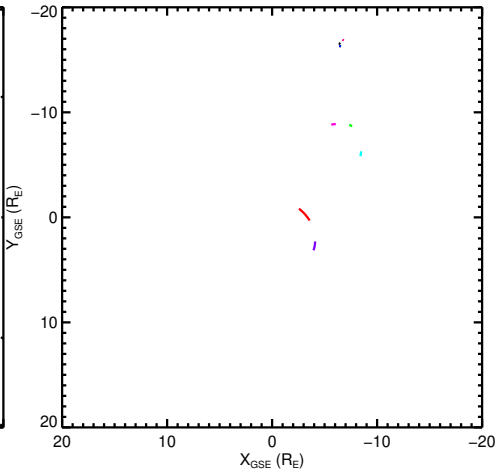


(a) 0000UT to 0045UT
cve fhe wal

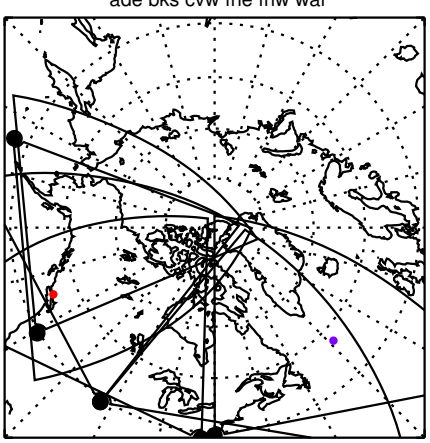


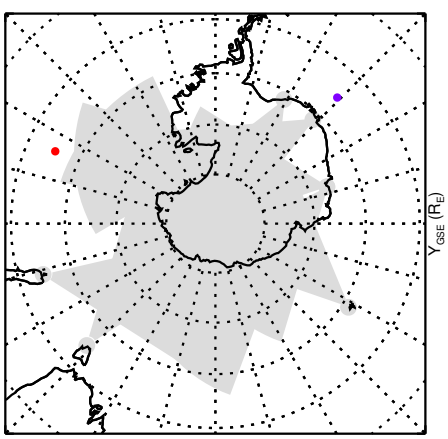
san

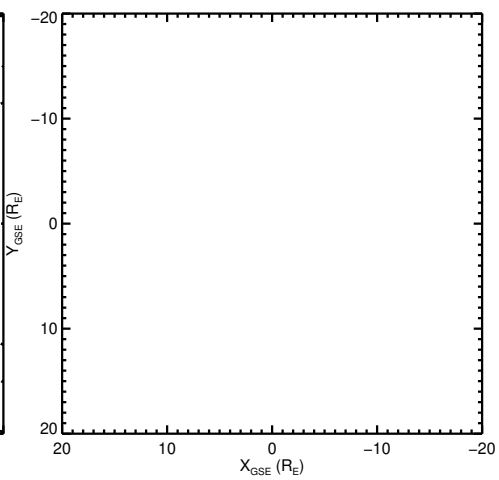




(b) 0250UT to 0250UT
ade bks cvw fhe fhw wal

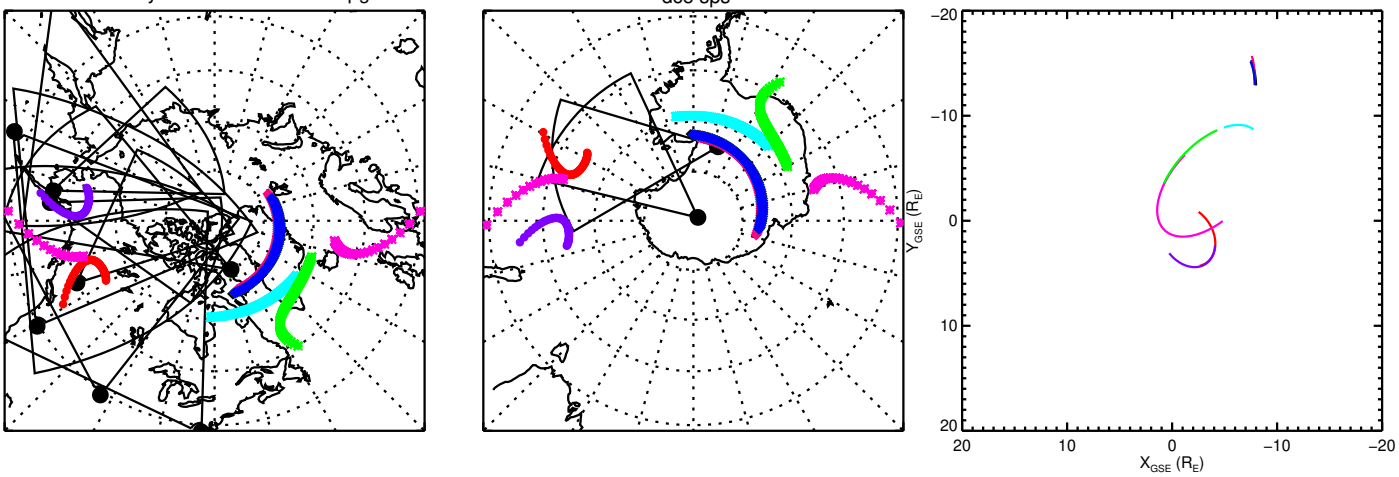




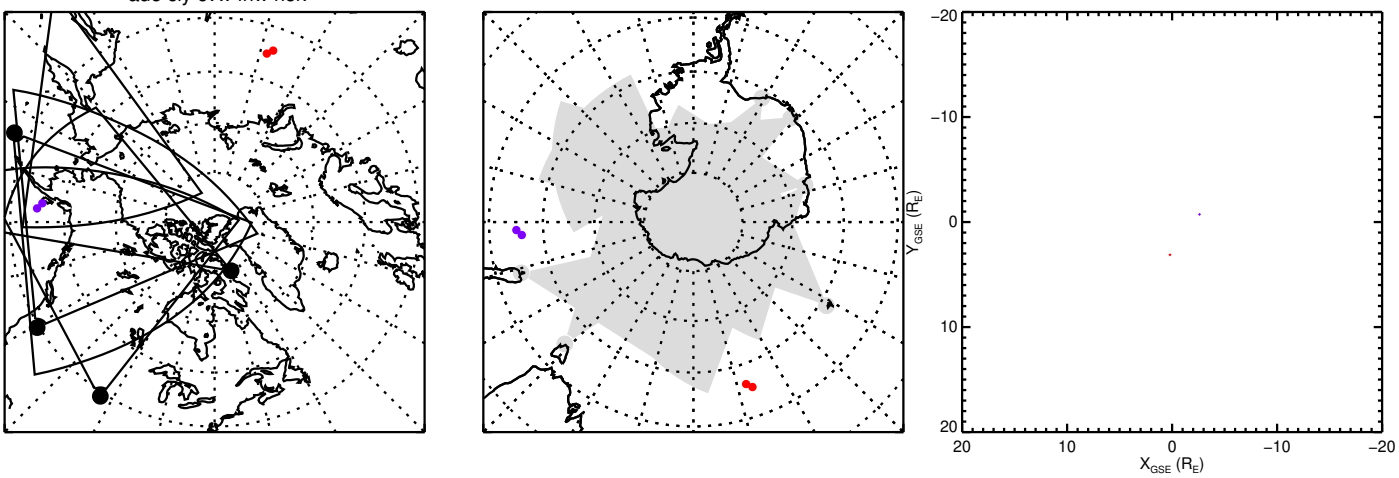


(c) 0500UT to 0945UT
ade bks cly cvw fhw hok kod ksr pgr

dce sps

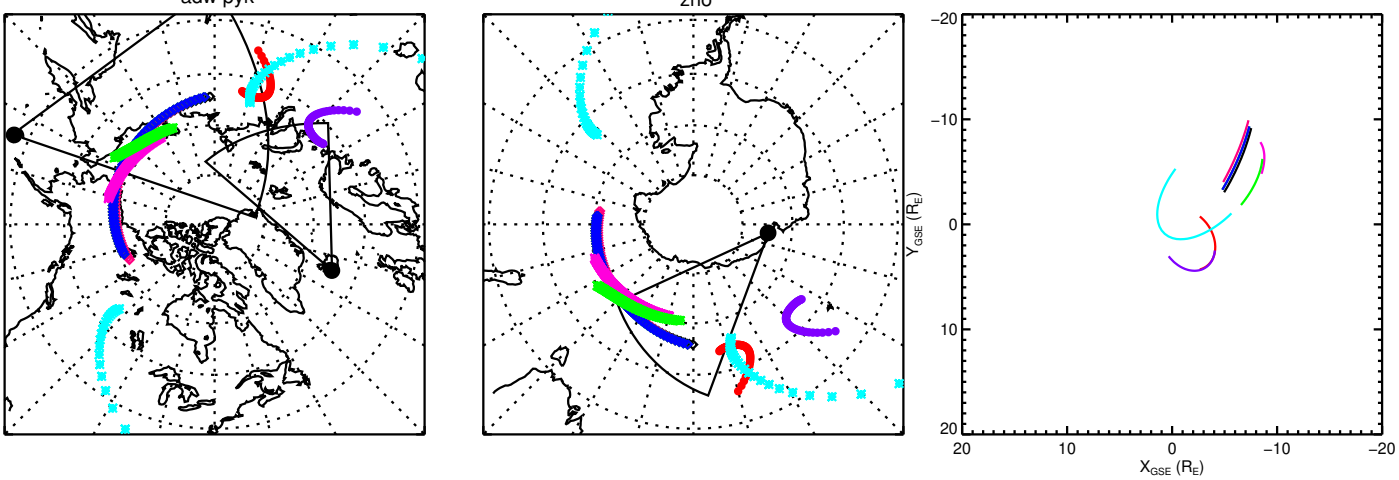


(d) 1150UT to 1155UT
ade cly cvw fhw hok

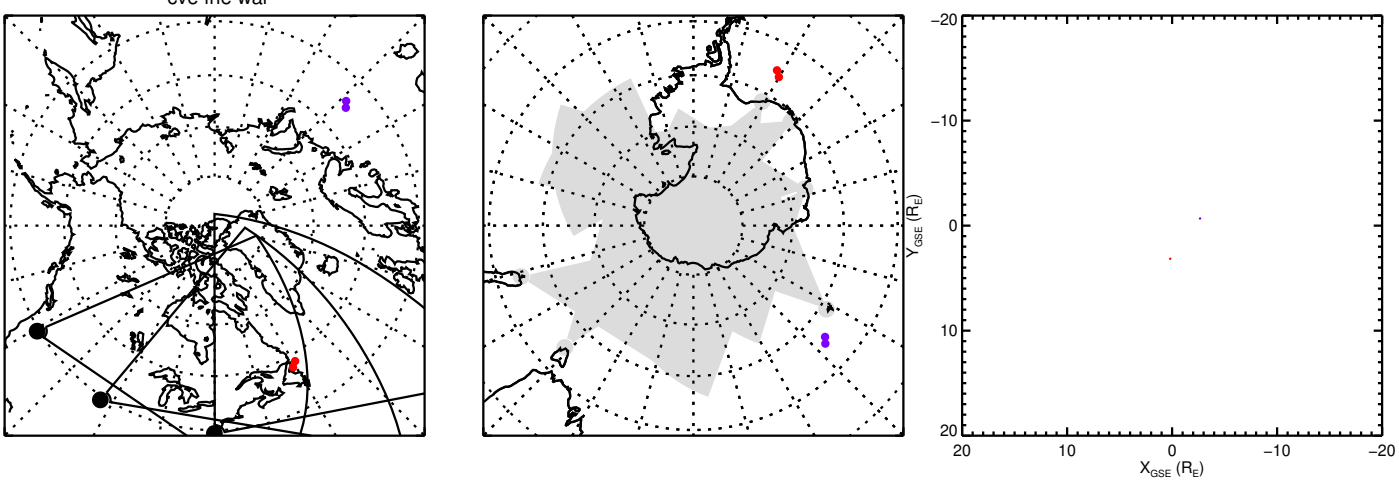


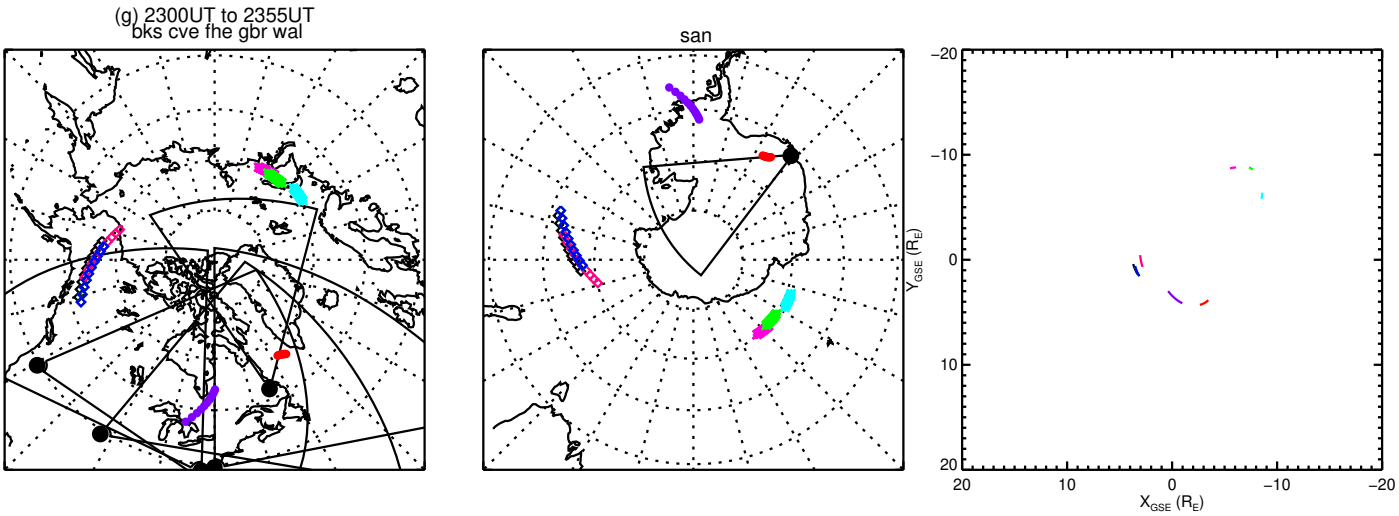
(e) 1400UT to 1840UT
adw pyk

zho



(f) 2050UT to 2055UT
cve fhe wal

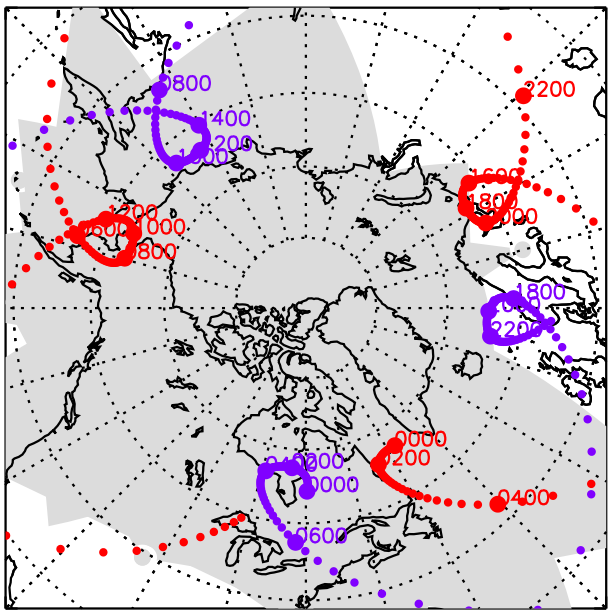


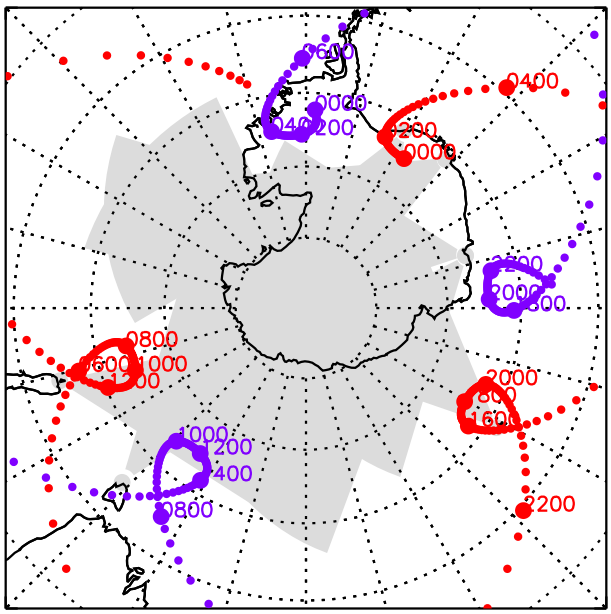

(g) 2300UT to 2355UT
bks cve fhe gbr wal
san
20
10
0
−10
−20
Y_{GSE} (R_E)
X_{GSE} (R_E)

Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

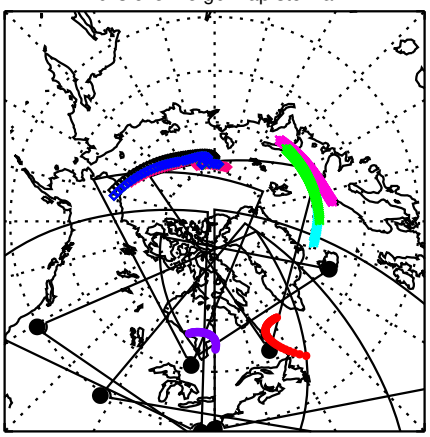
21–Jun–2013

Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

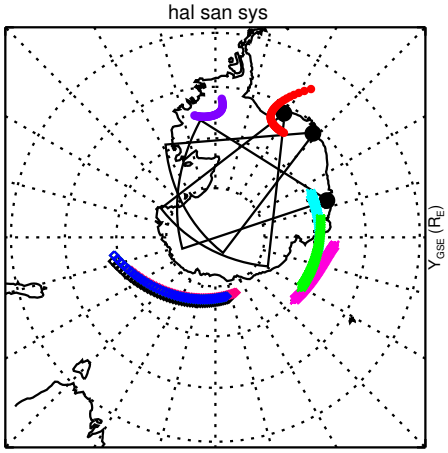


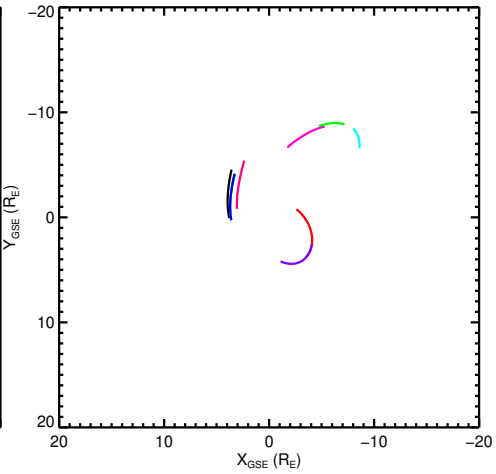


(a) 0000UT to 0340UT
bks cve fhe gbr kap sto wal

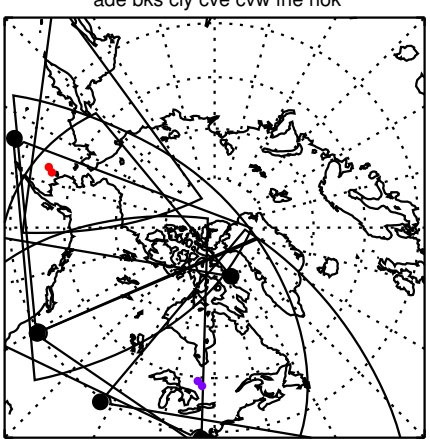


hal san sys

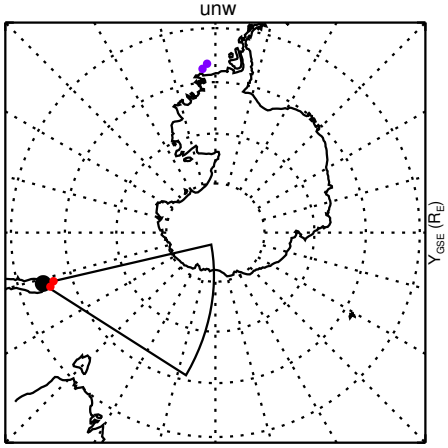


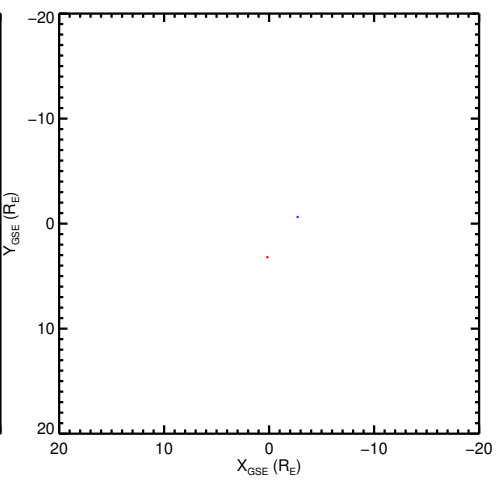


(b) 0550UT to 0555UT
ade bks cly cve cvw fhe hok

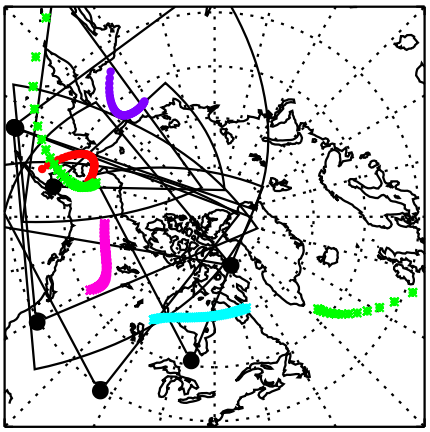


unw

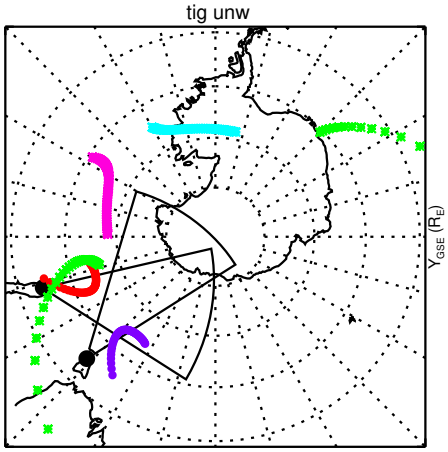


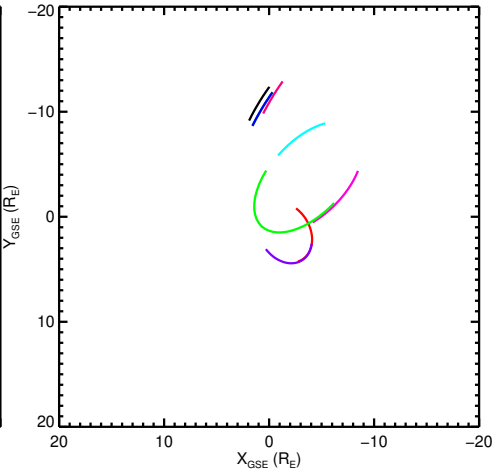


(c) 0805UT to 1240UT
ade adw cly cvw fhw hok kap ksr

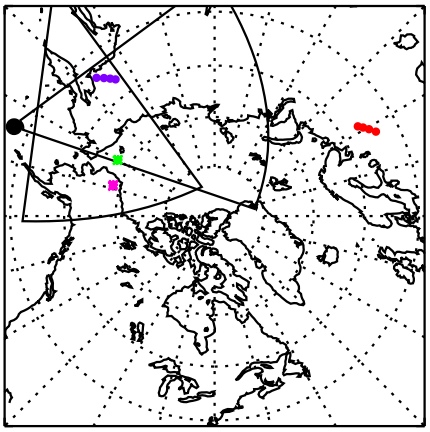


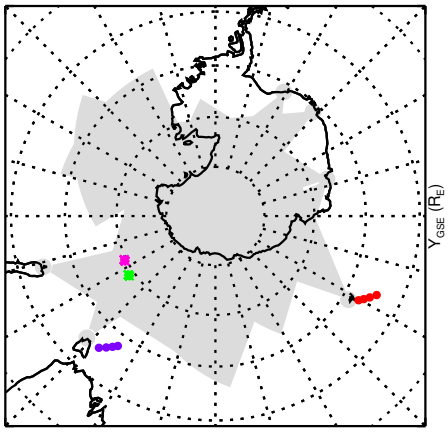
tig unw

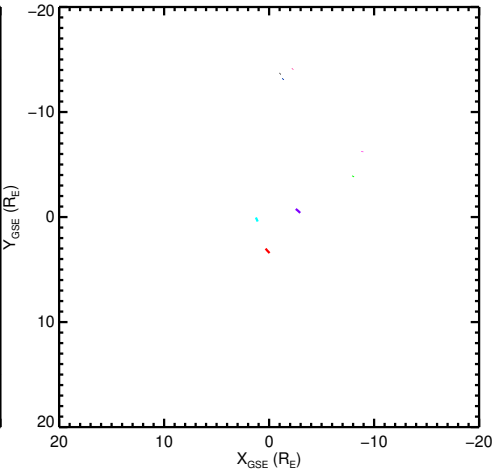




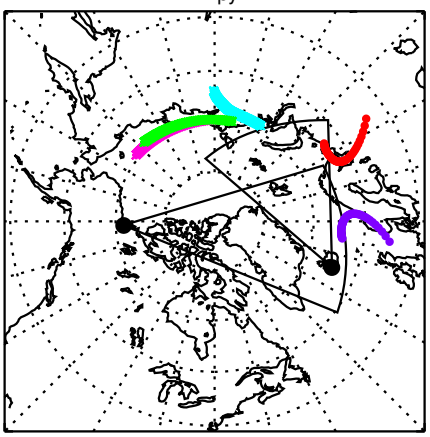
(d) 1445UT to 1500UT
adw hok



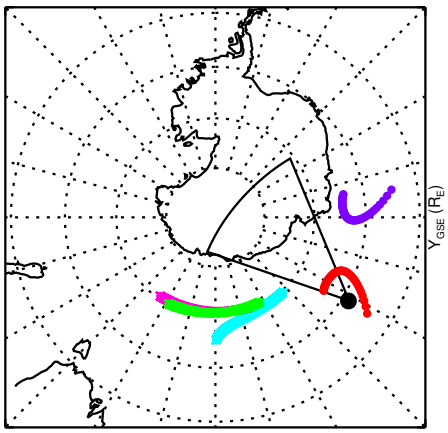


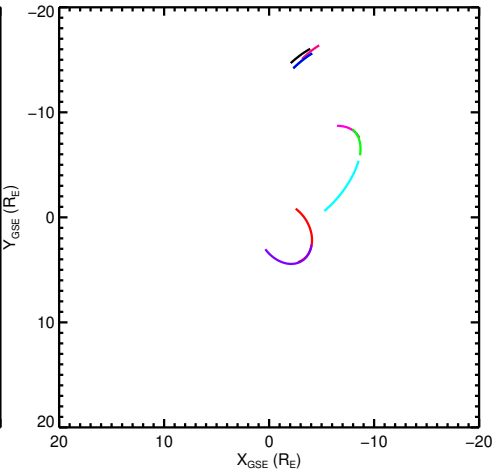


(e) 1705UT to 2140UT
inv pyk

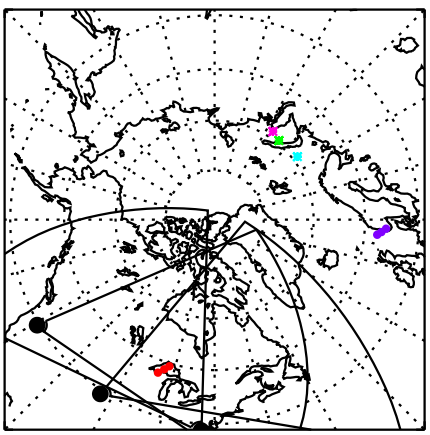


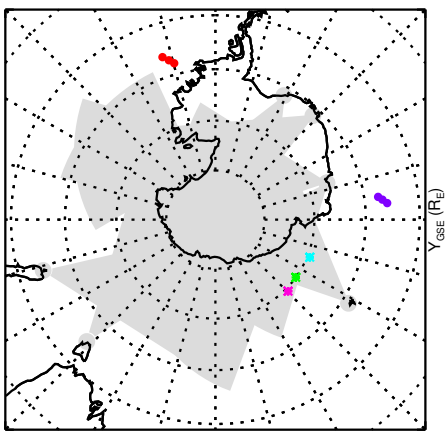
ker

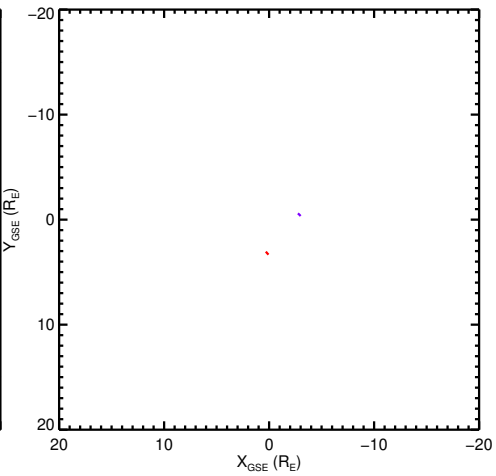




(f) 2345UT to 2355UT
bks cve fhe



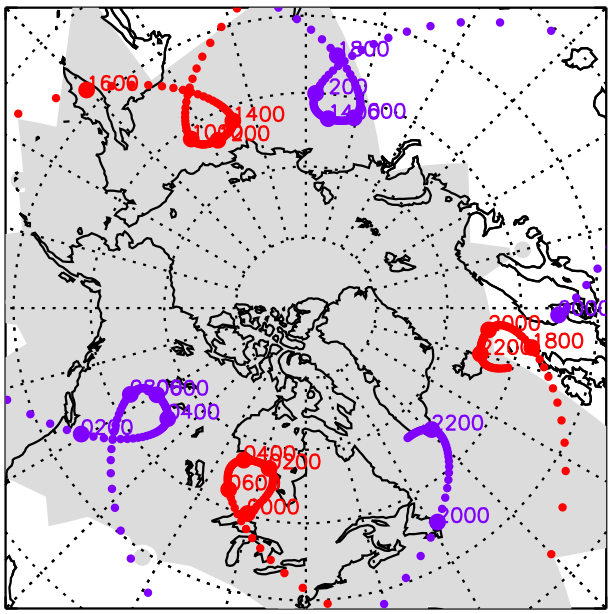


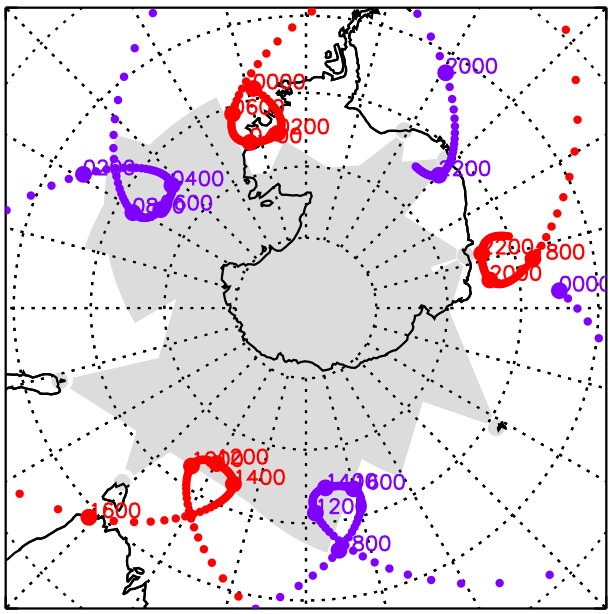


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

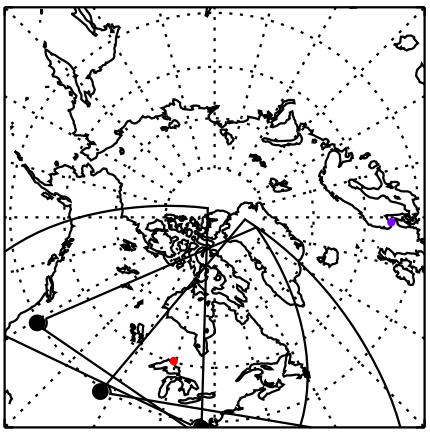
22–Jun–2013

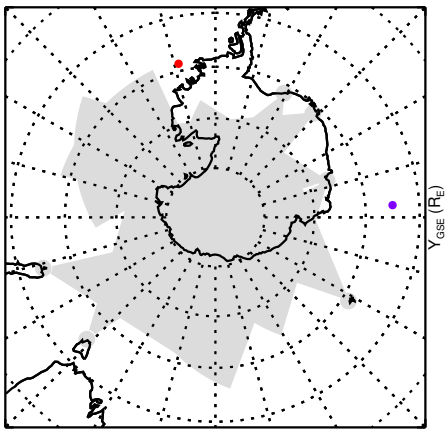
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

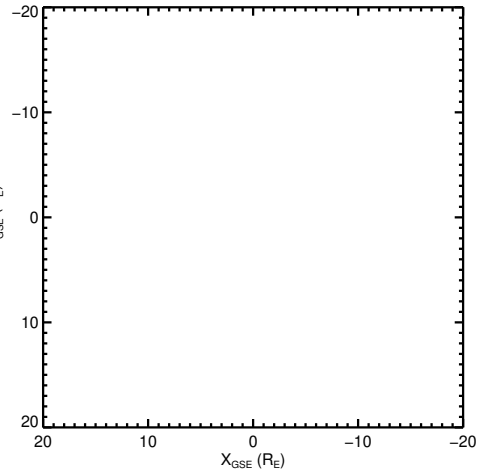




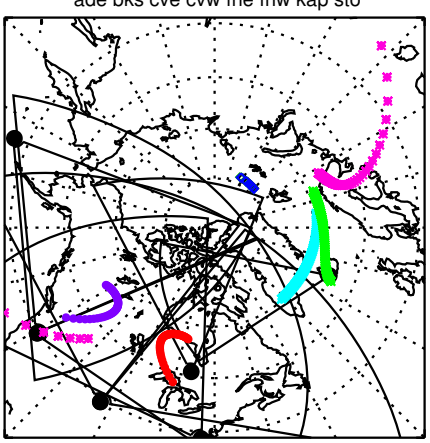
(a) 0000UT to 0000UT
bks cve fhe



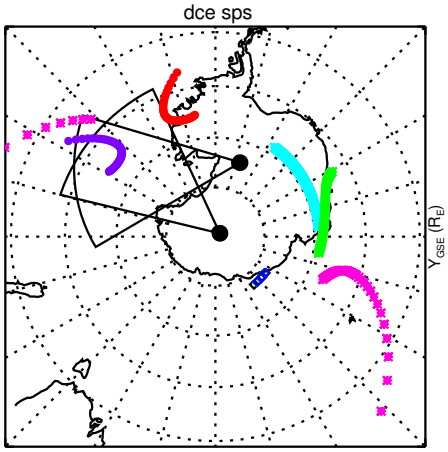


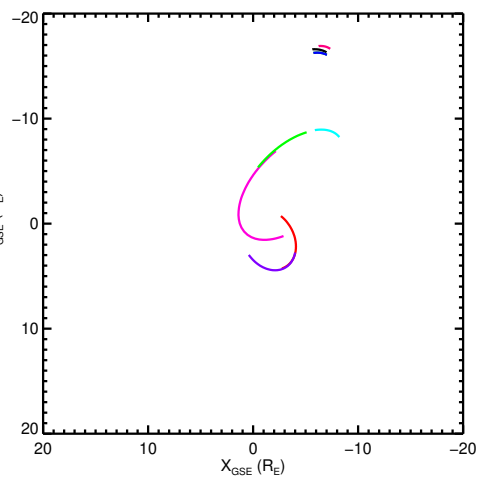


(b) 0205UT to 0635UT
ade bks cve cvw fhe fhw kap sto



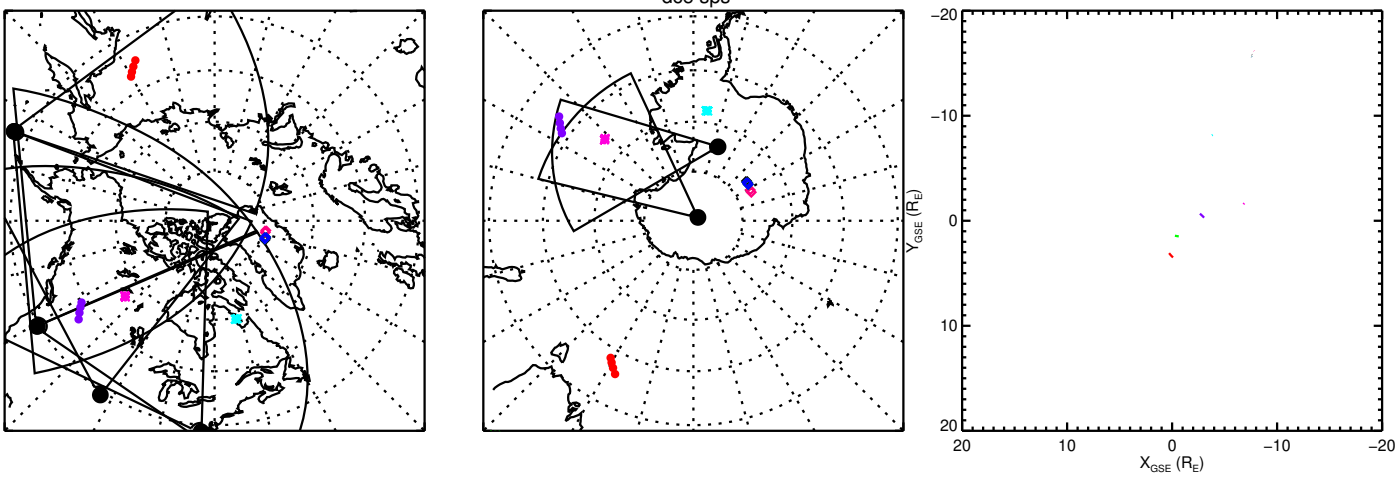
dce sps





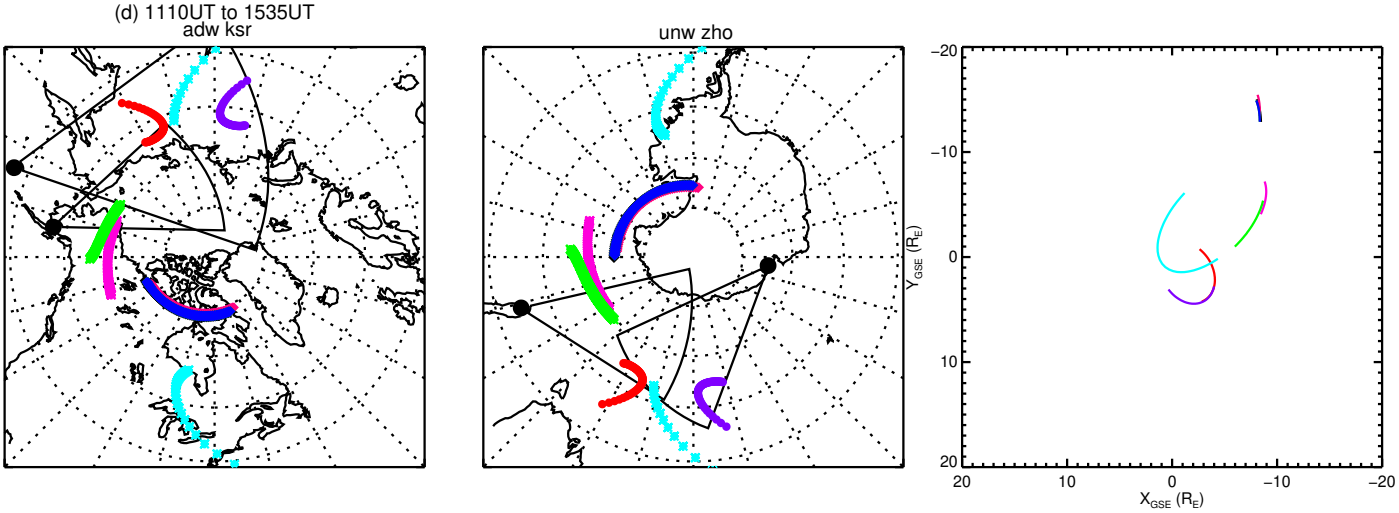
(c) 0845UT to 0900UT
ade adw bks cve cvw fhw

dce sps

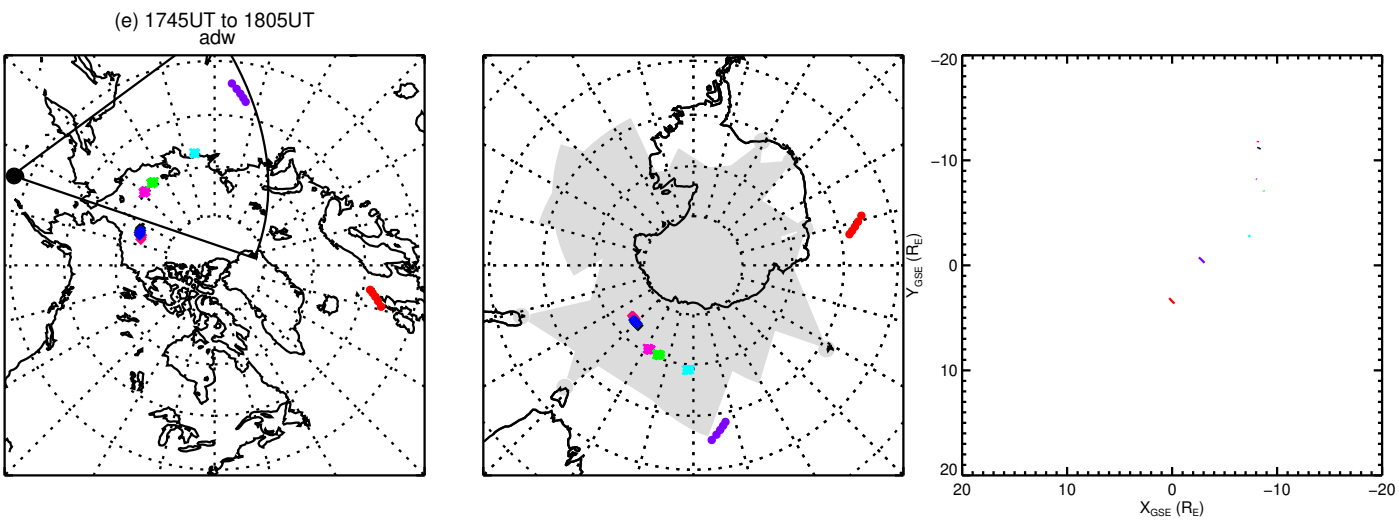


(d) 1110UT to 1535UT
adw ksr

unw zho

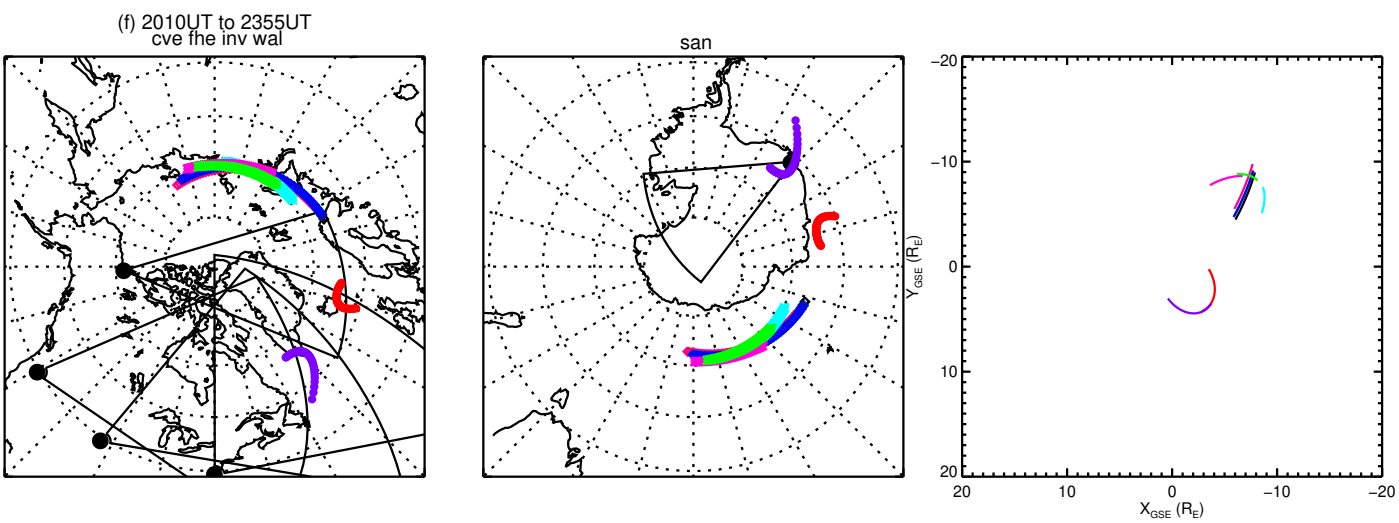


(e) 1745UT to 1805UT
adw



(f) 2010UT to 2355UT
cve fhe inv wal

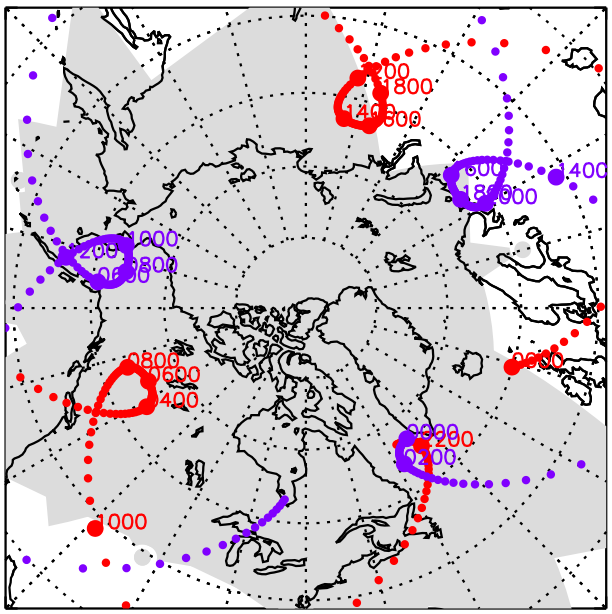
san

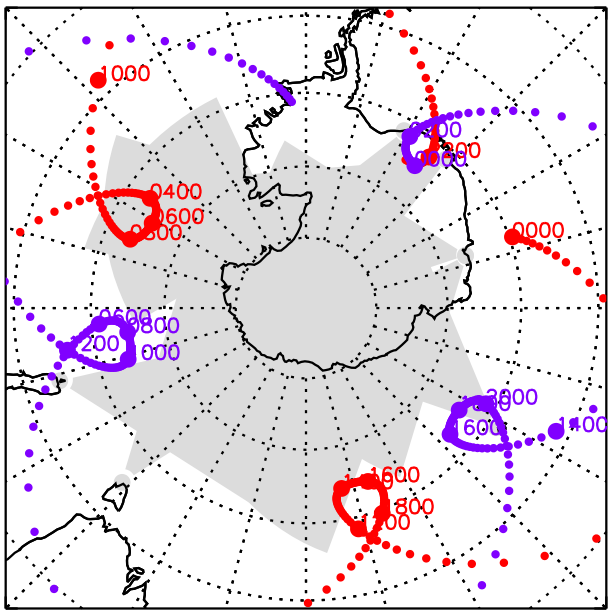


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

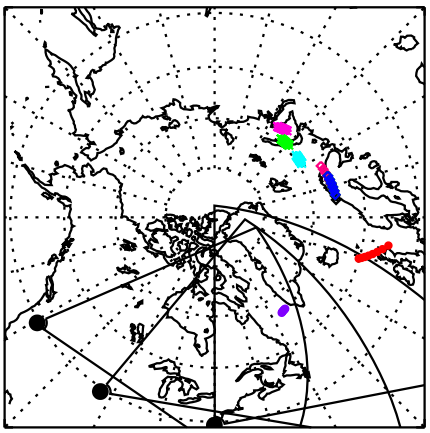
23–Jun–2013

Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

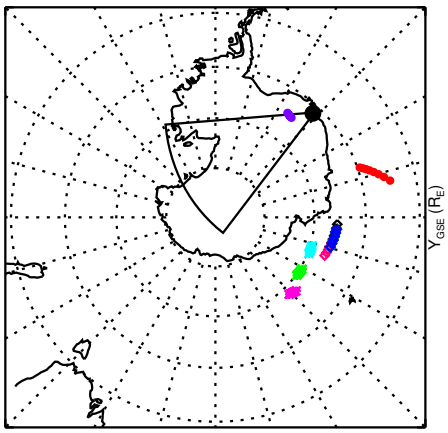


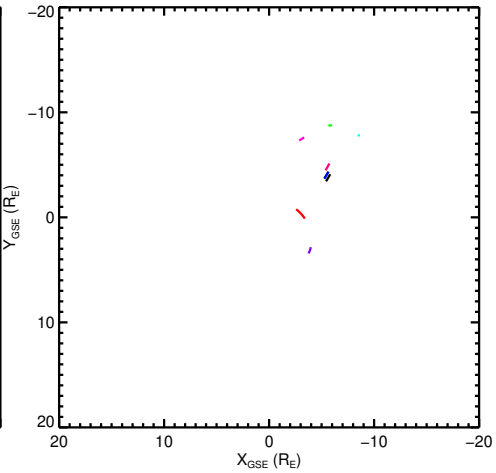


(a) 0000UT to 0035UT
cve fhe wal

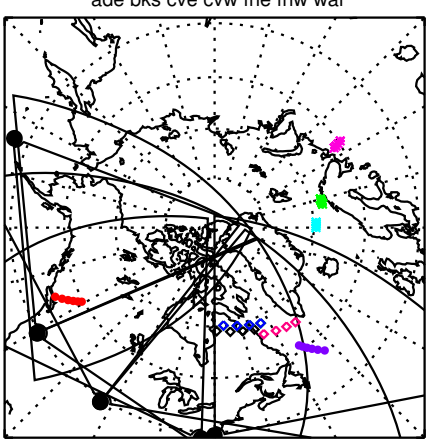


san

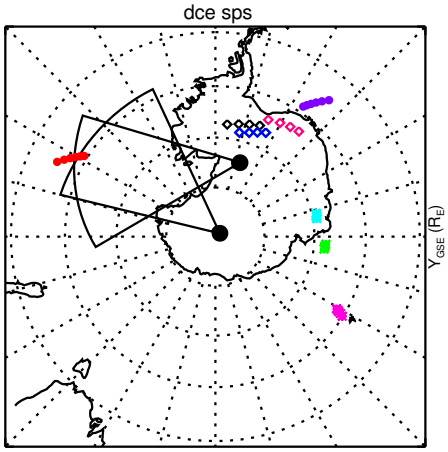


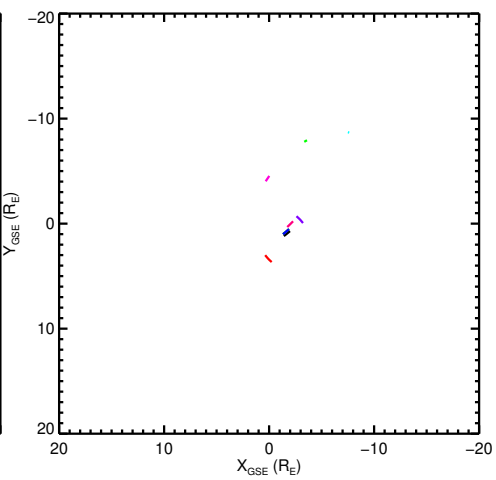


(b) 0240UT to 0305UT
ade bks cve cvw fhe fhw wal



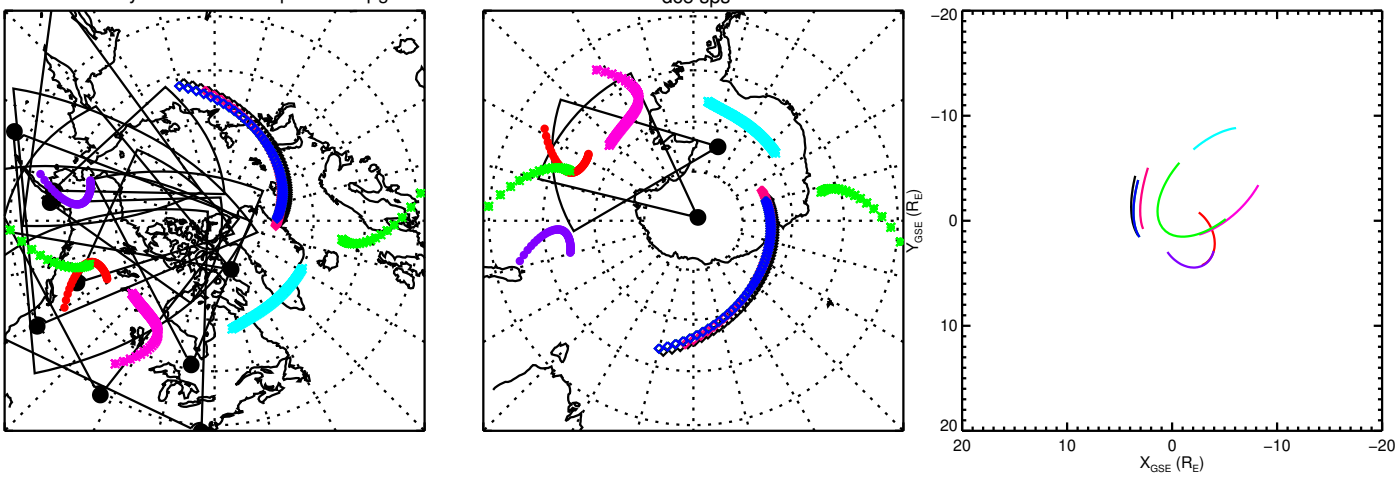
dce sps



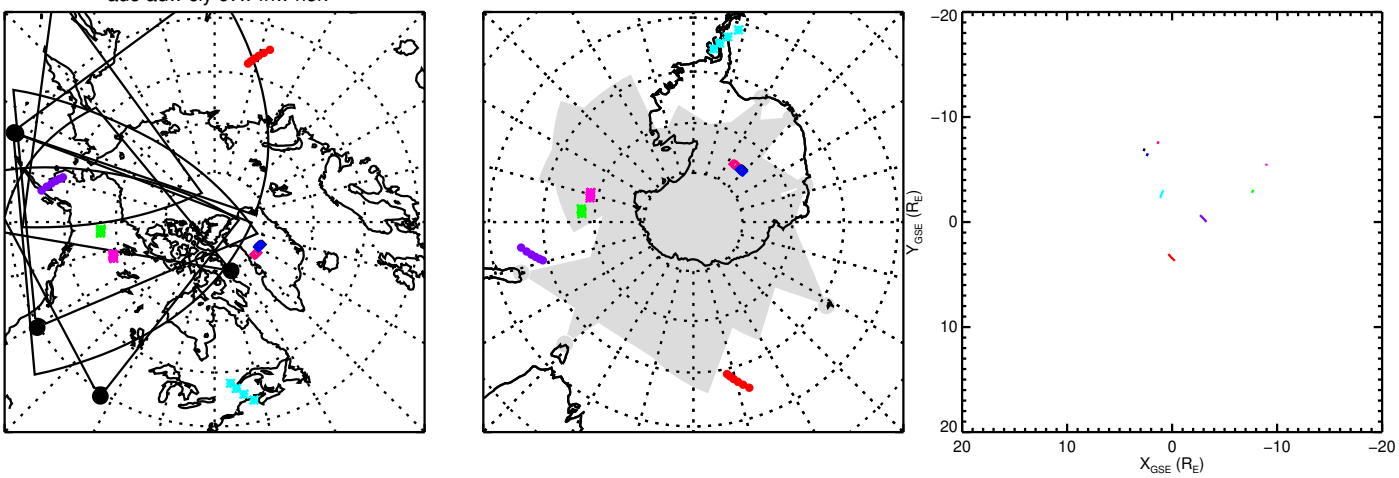


(c) 0510UT to 0935UT
ade bks cly cvw fhw hok kap kod ksr pgr

dce sps

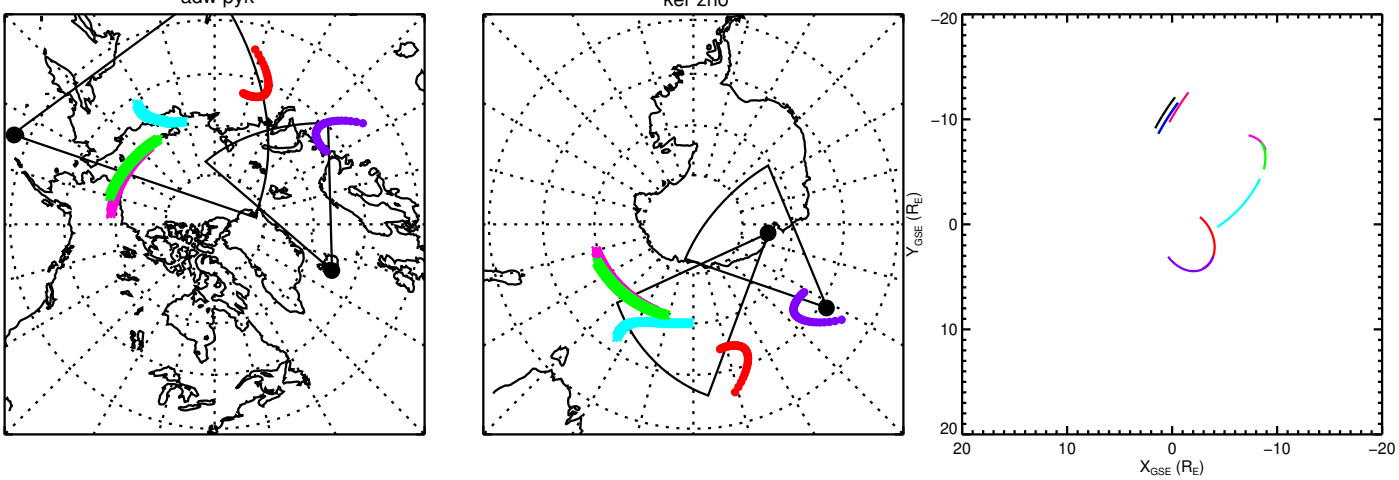


(d) 1140UT to 1205UT
ade adw cly cvw fhw hok

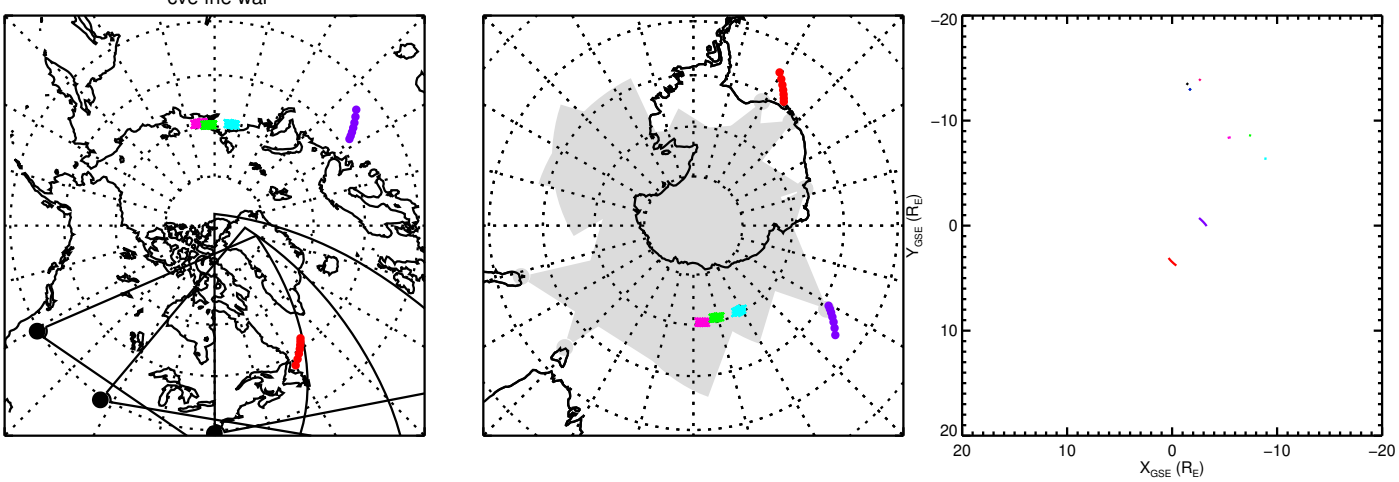


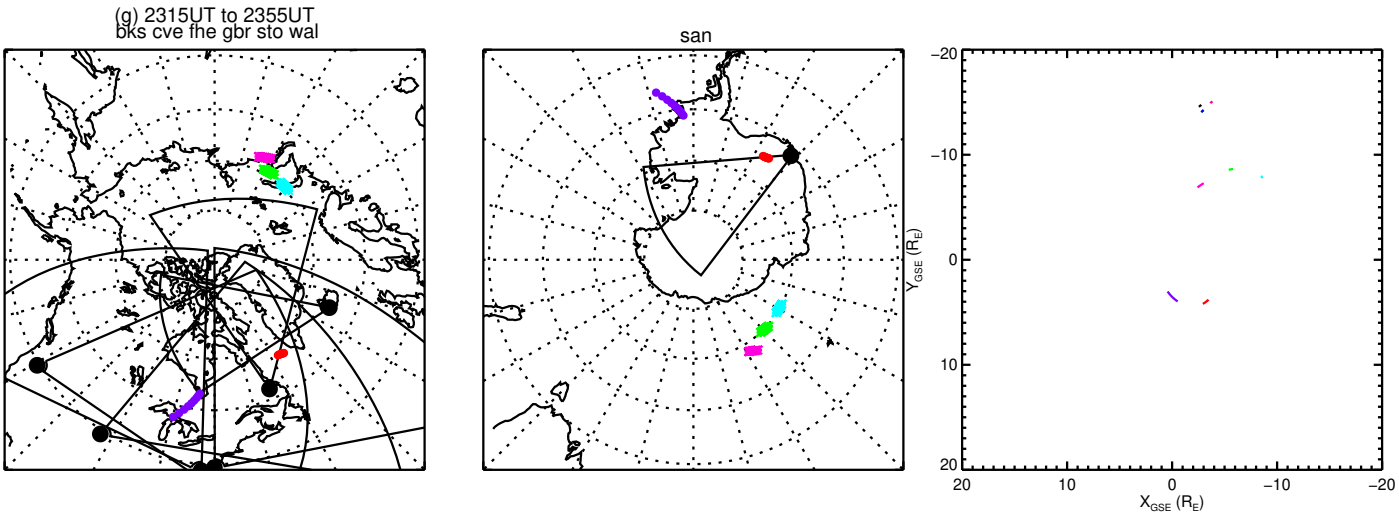
(e) 1415UT to 1830UT
adw pyk

ker zho



(f) 2040UT to 2110UT
cve fhe wal

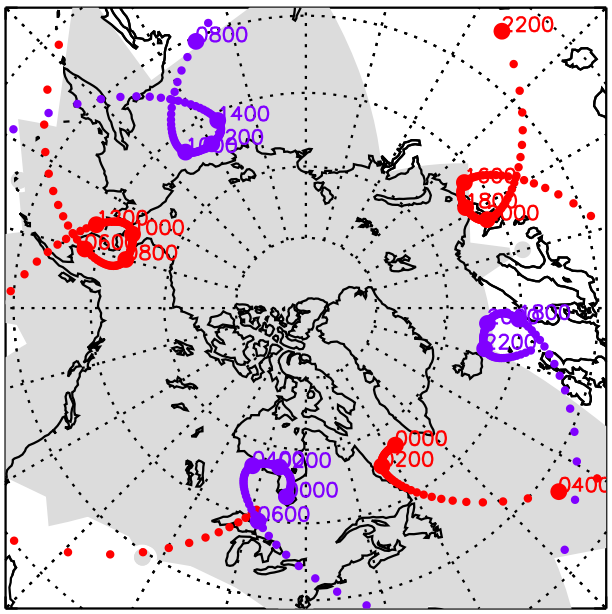


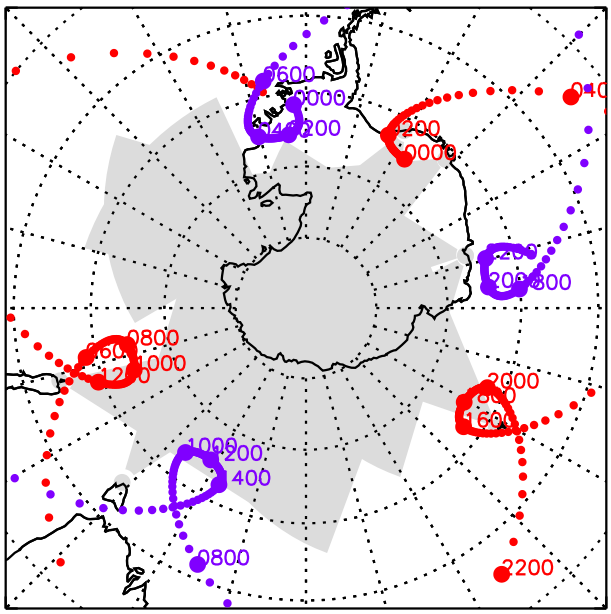

(g) 2315UT to 2355UT
bks cve fhe gbr sto wal
san
−20
−10
0
10
20
Y_{GSE} (R_E)
20
10
0
−10
−20
X_{GSE} (R_E)

Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

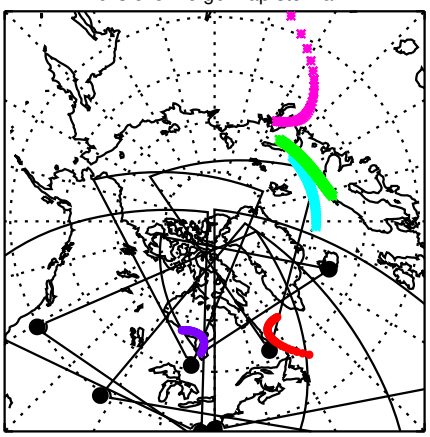
24–Jun–2013

Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

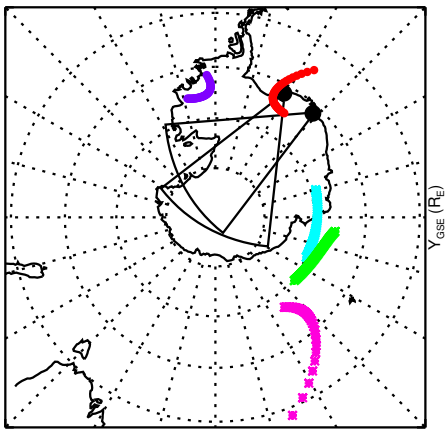


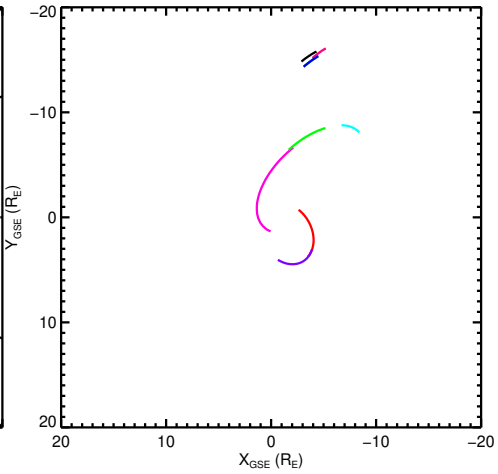


(a) 0000UT to 0330UT
bks cve fhe gbr kap sto wal

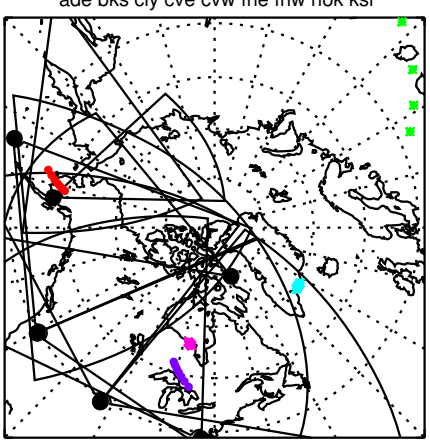


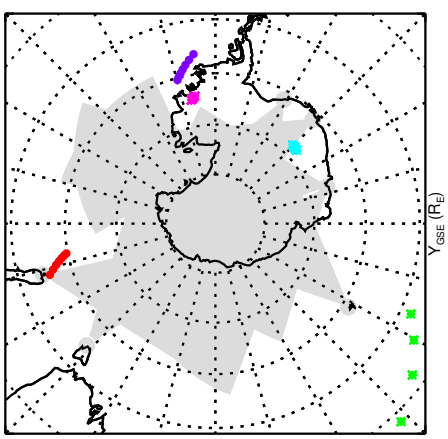
hal san

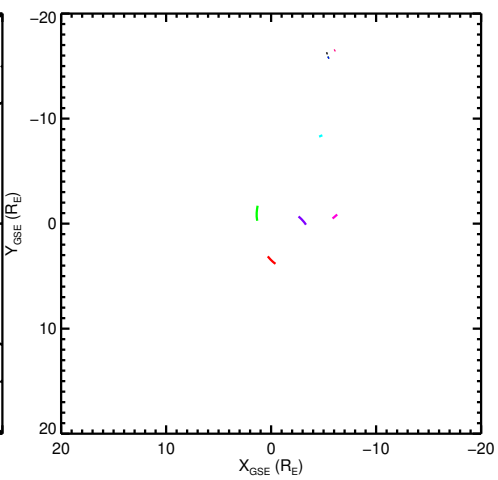




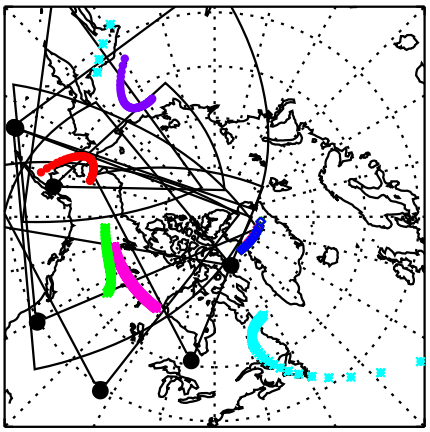
(b) 0540UT to 0610UT
ade bks cly cve cvw fhe fhw hok ksr



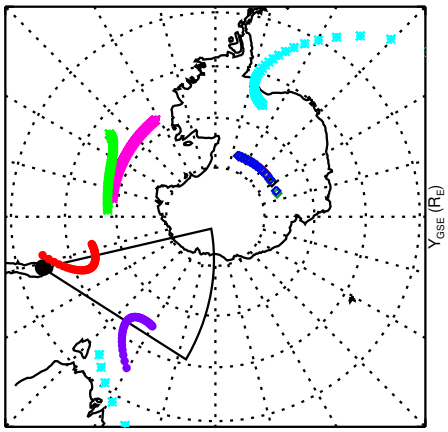


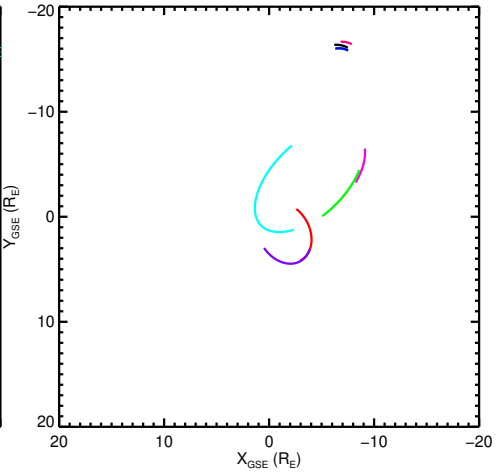


(c) 0815UT to 1230UT
ade adw cly cvw fhw hok kap ksr

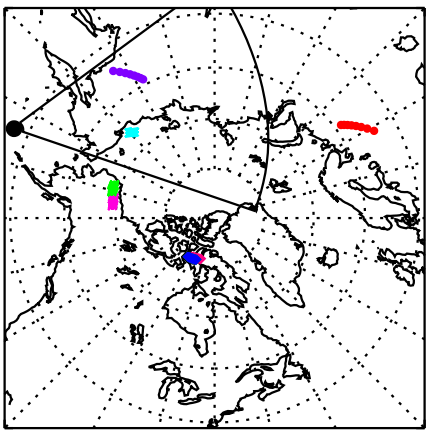


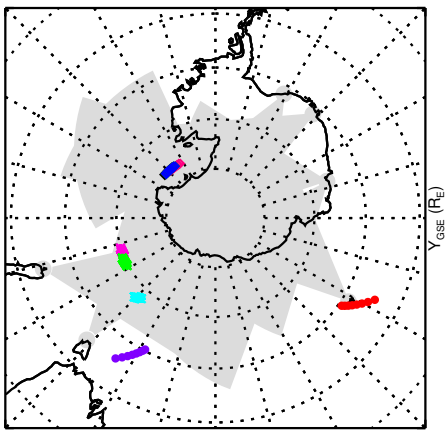
unw

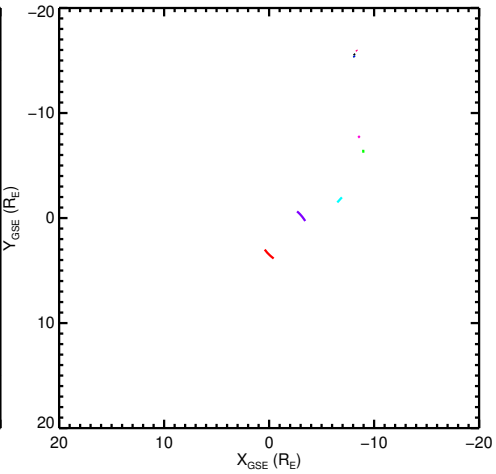




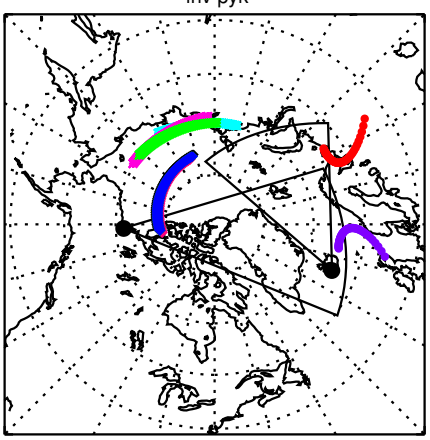
(d) 1435UT to 1510UT
adw



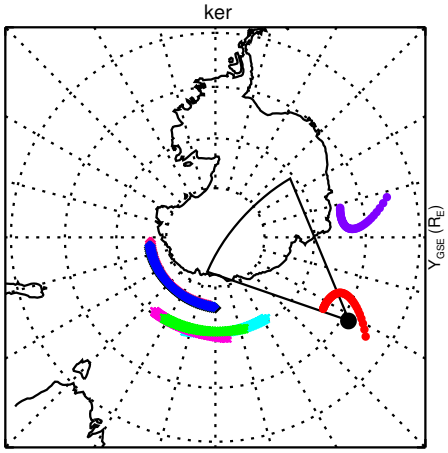


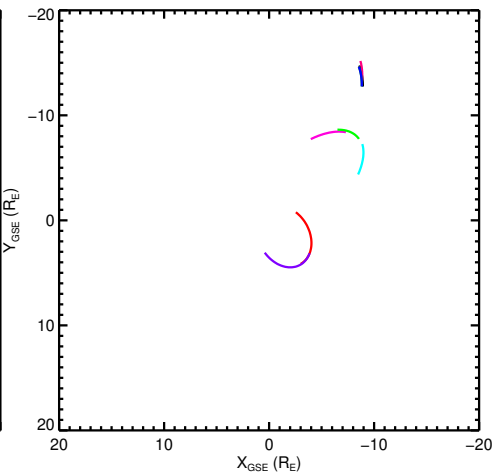


(e) 1720UT to 2130UT
inv pyk

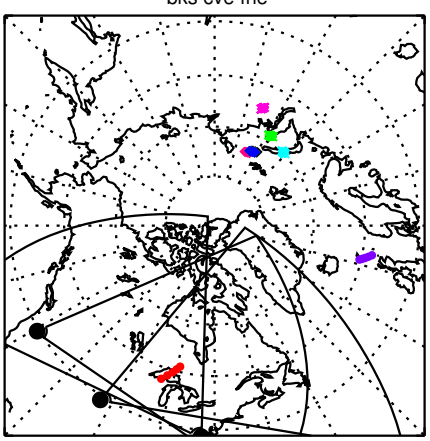


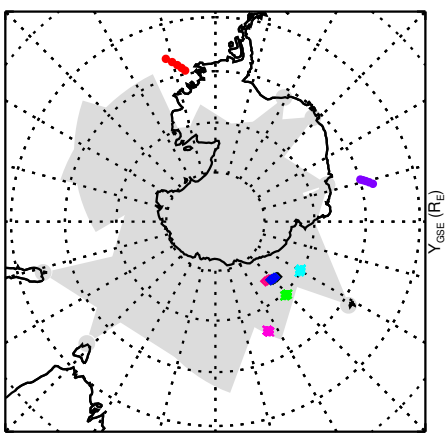
ker

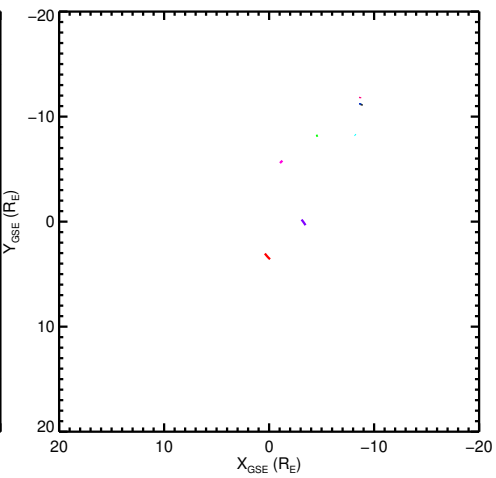




(f) 2335UT to 2355UT
bks cve fhe



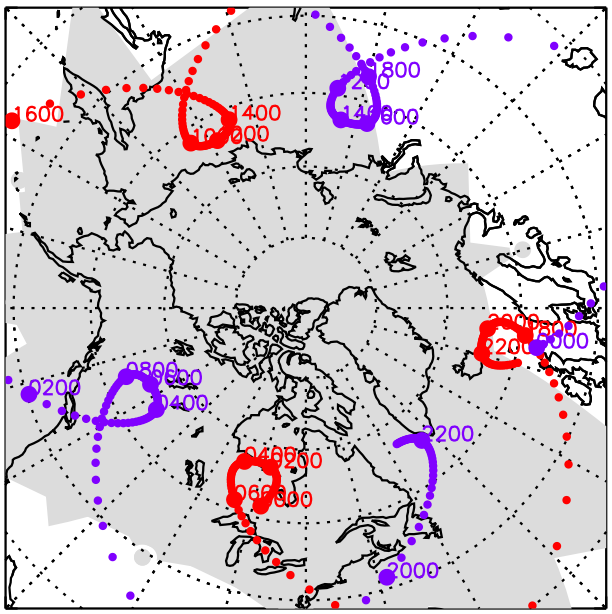


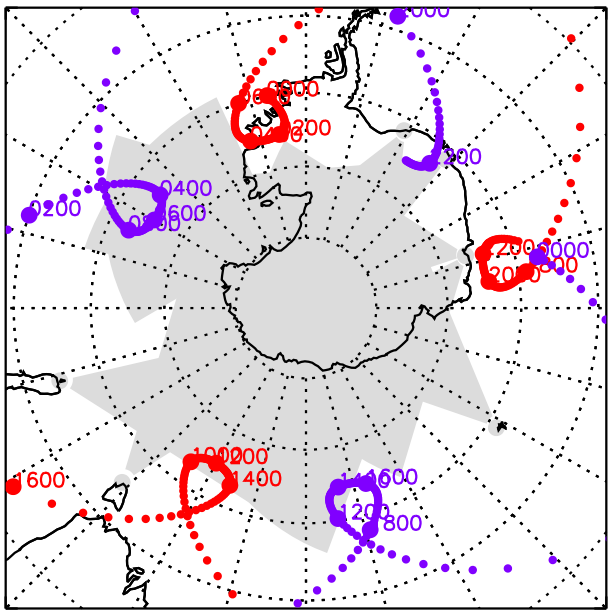


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

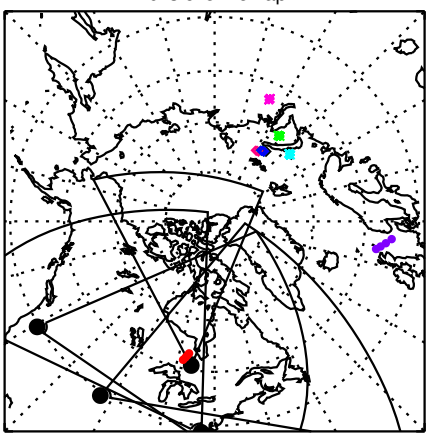
25–Jun–2013

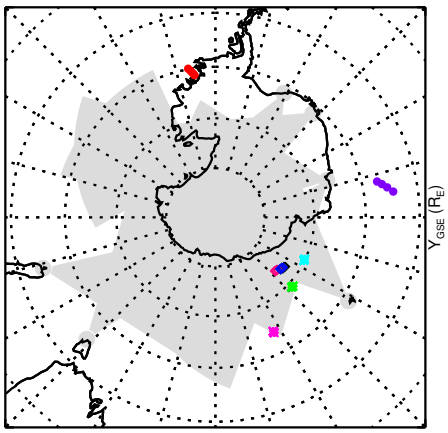
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

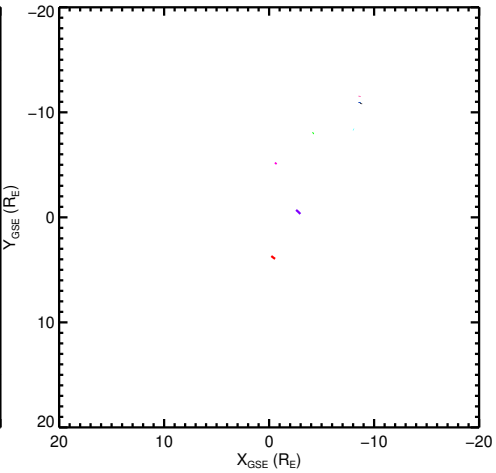




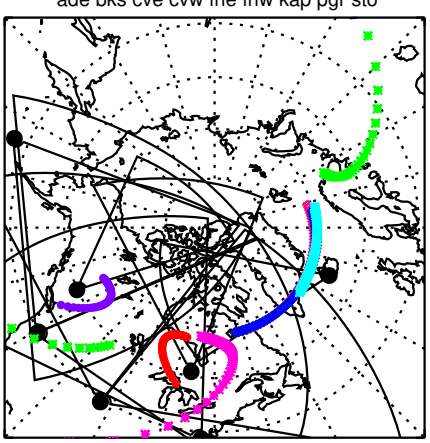
(a) 0000UT to 0015UT
bks cve fhe kap



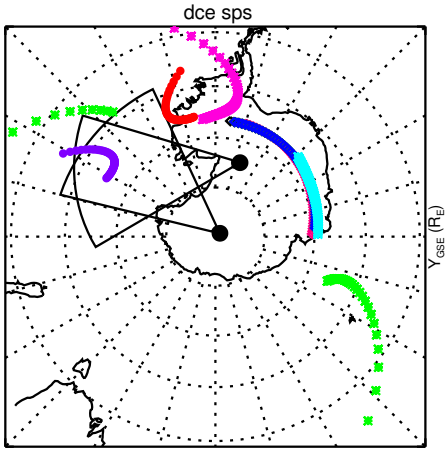


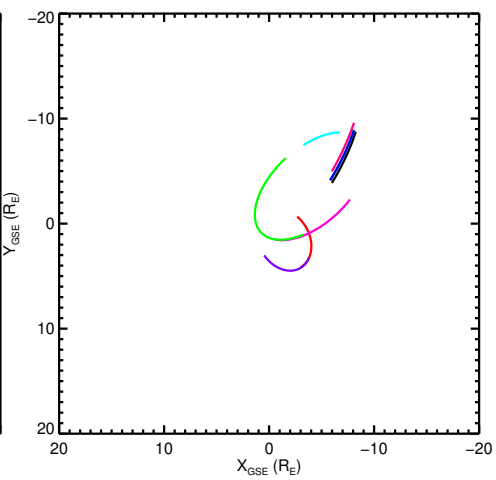


(b) 0220UT to 0625UT
ade bks cve cvw fhe fhw kap pgr sto



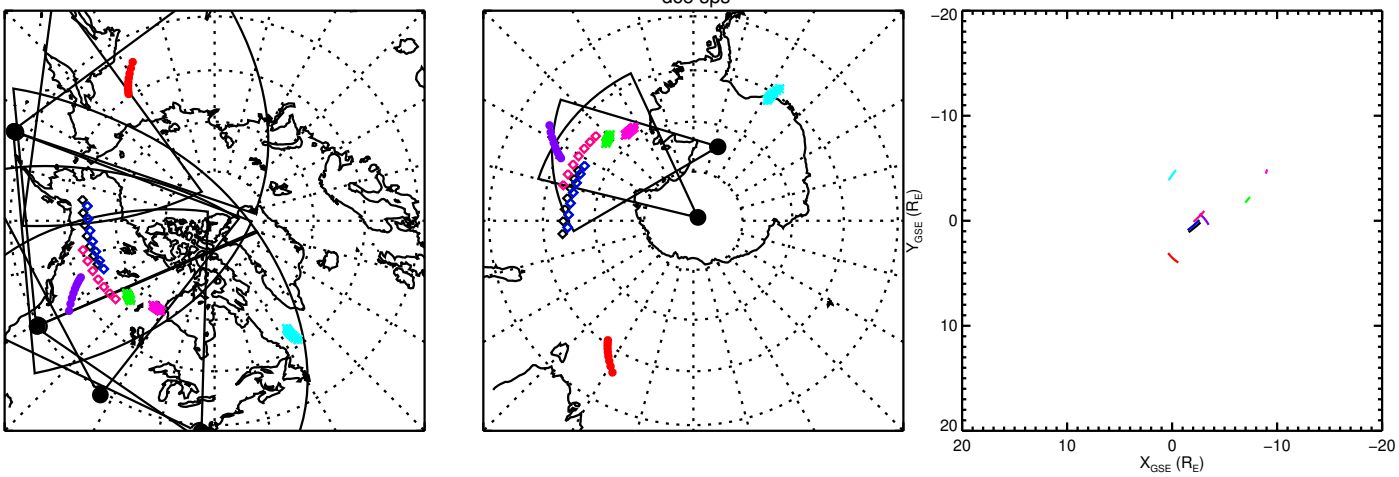
dce sps





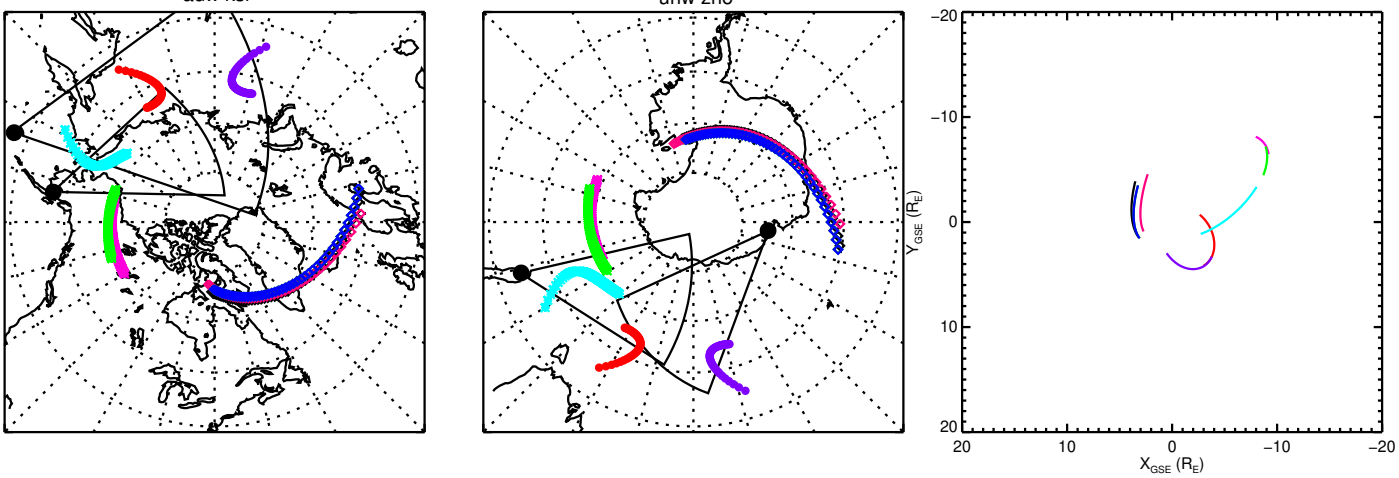
(c) 0835UT to 0915UT
ade adw bks cve cvw fhw hok

dce sps

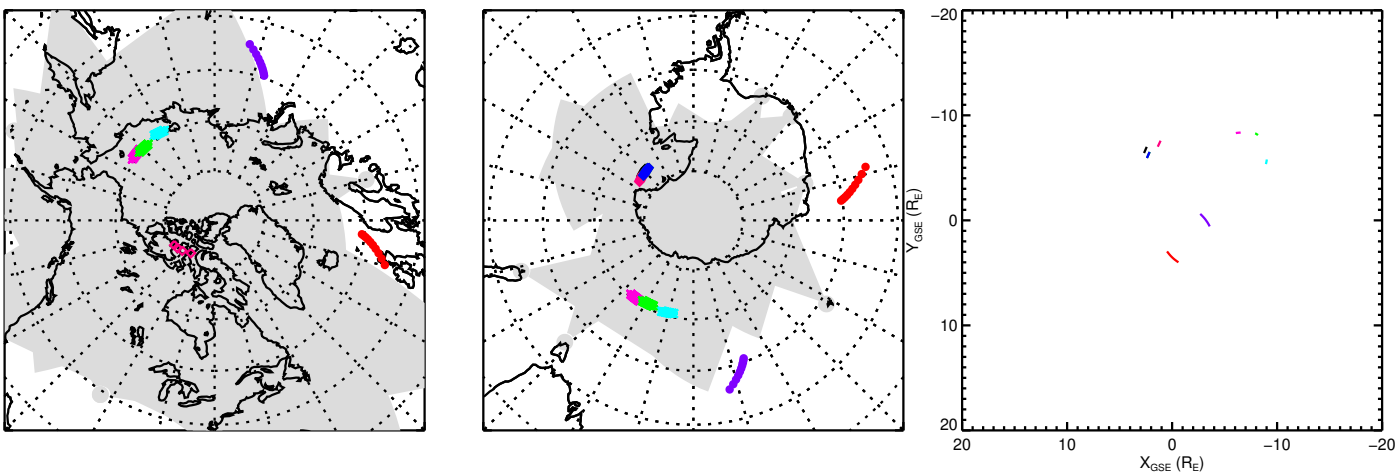


(d) 1120UT to 1525UT
adw ksr

unw zho

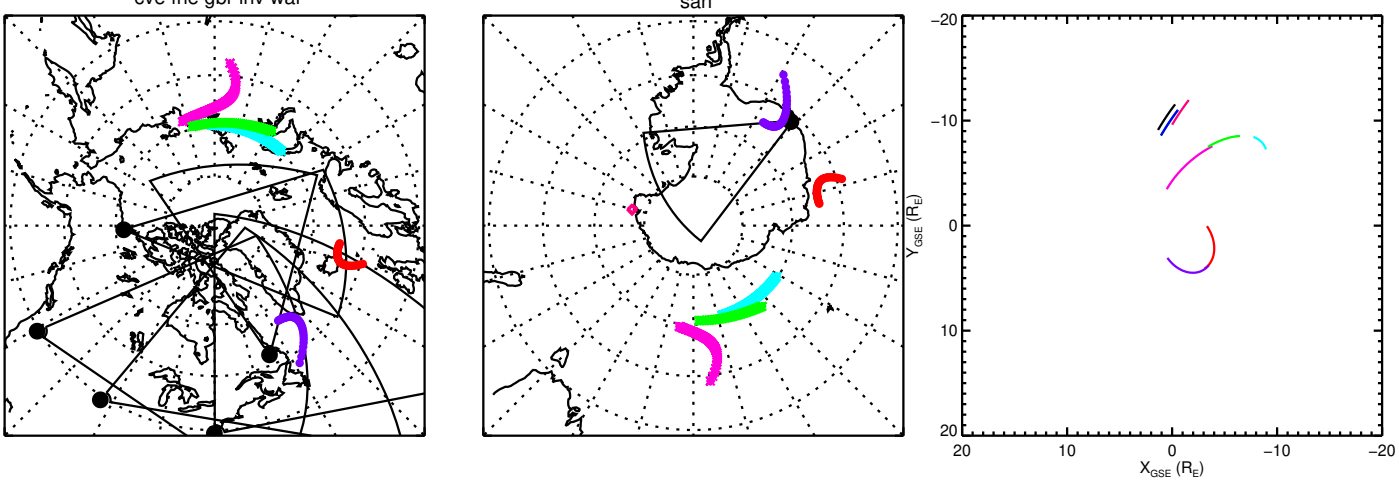


(e) 1730UT to 1815UT



(f) 2025UT to 2355UT
cve fhe gbr inv wal

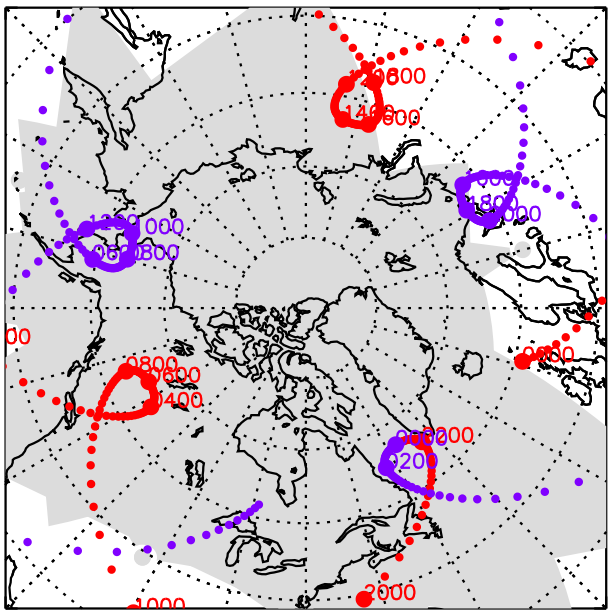
san

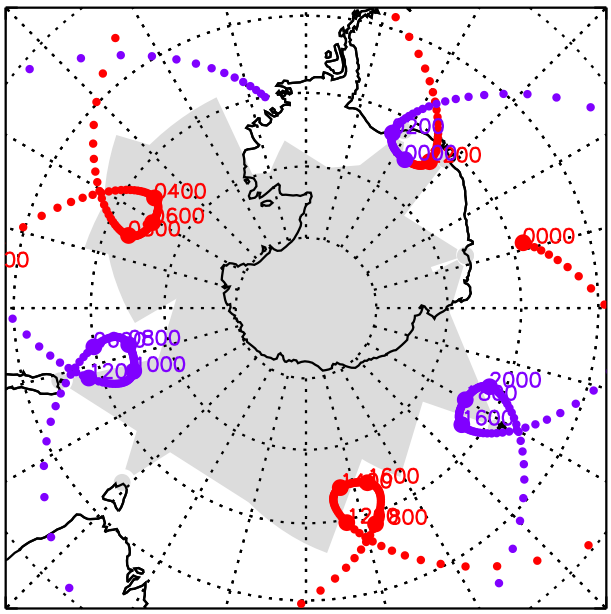


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

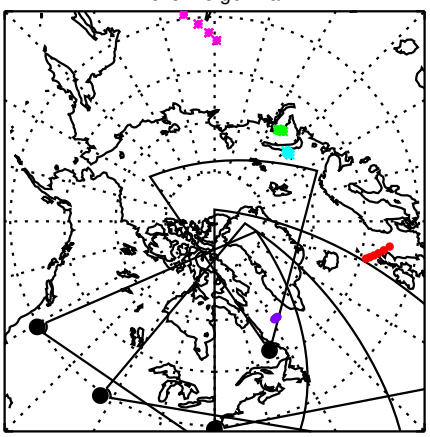
26–Jun–2013

Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

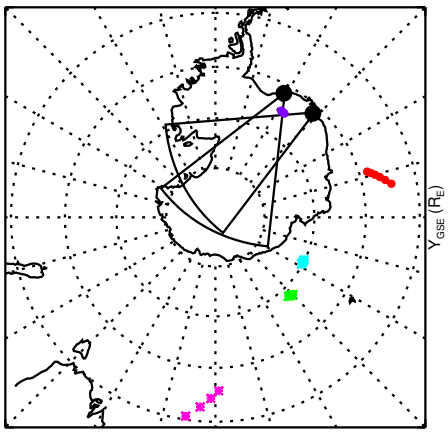


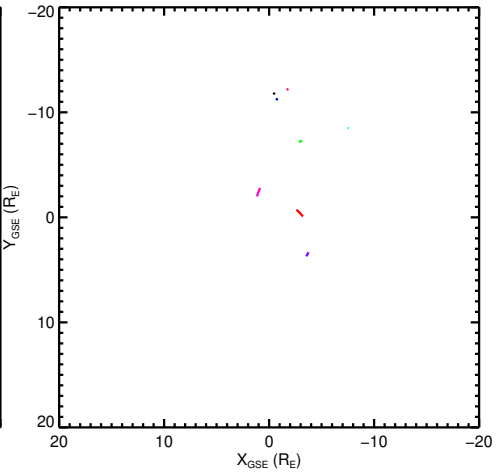


(a) 0000UT to 0025UT
cve fhe gbr wal

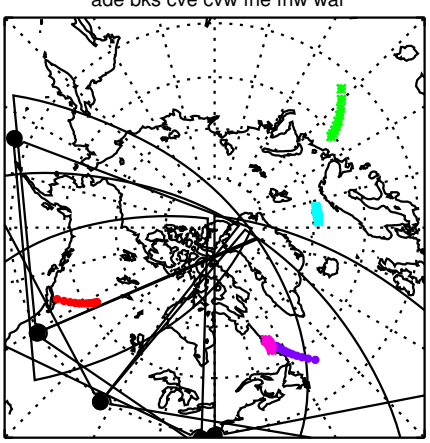


hal san

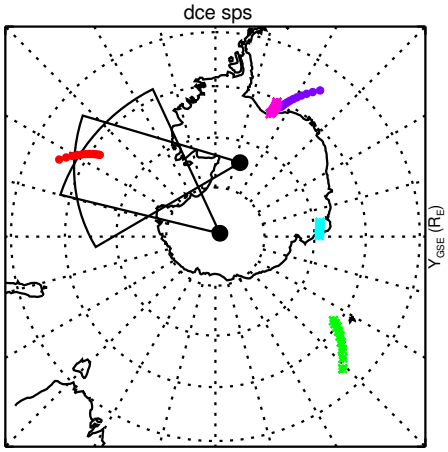


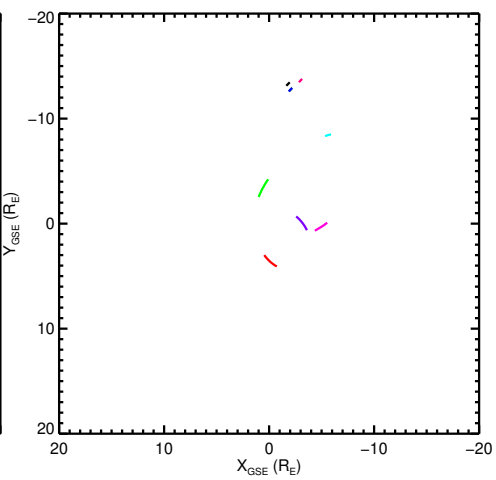


(b) 0230UT to 0320UT
ade bks cve cvw fhe fhw wal

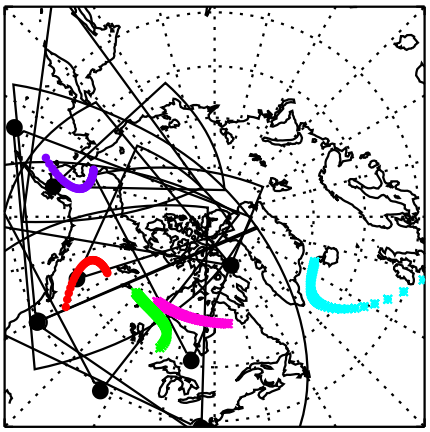


dce sps

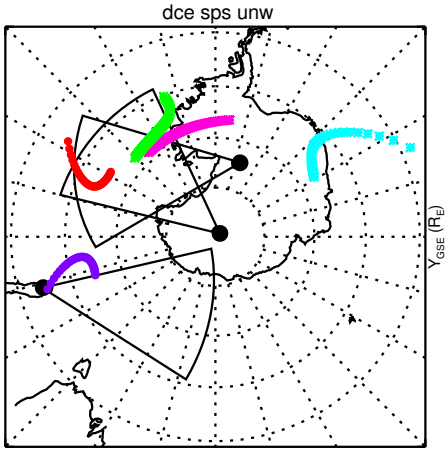


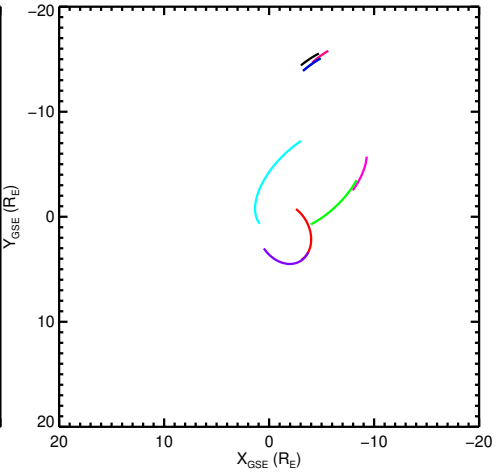


(c) 0525UT to 0925UT
ade bks cly cve cvw fhw hok kap ksr pgr

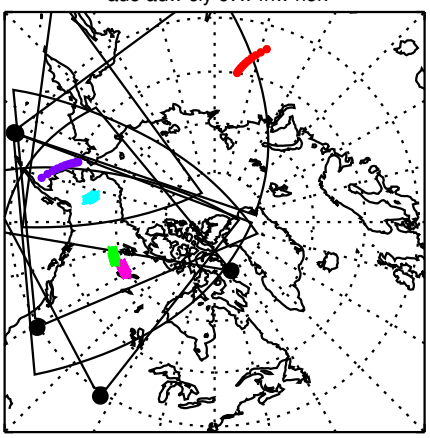


dce sps unw

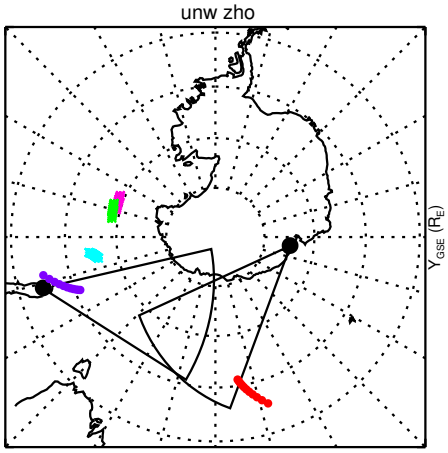


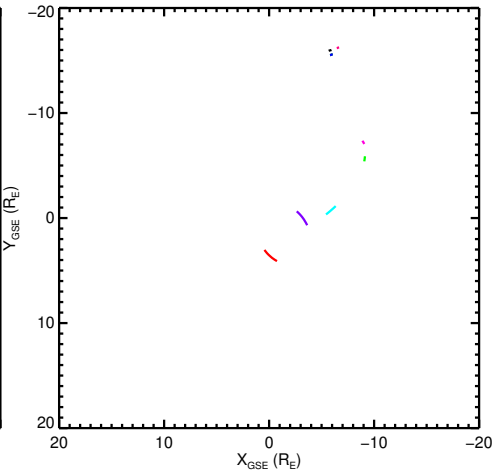


(d) 1130UT to 1220UT
ade adw cly cvw fhw hok

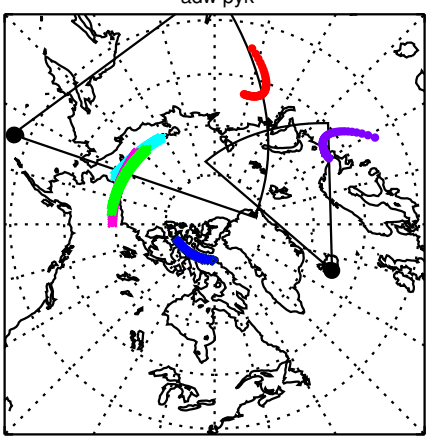


unw zho

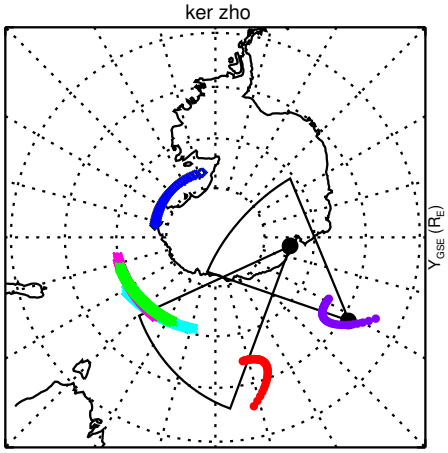


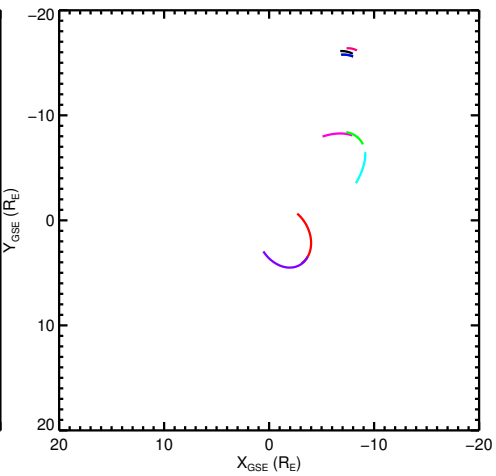


(e) 1425UT to 1820UT
adw pyk

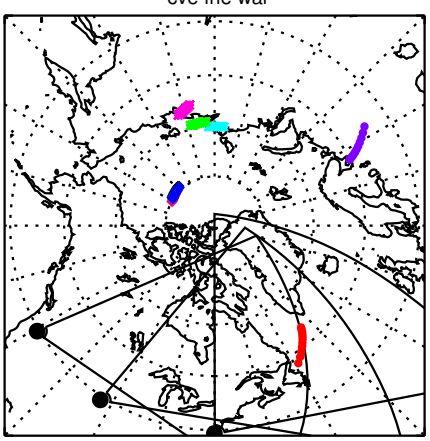


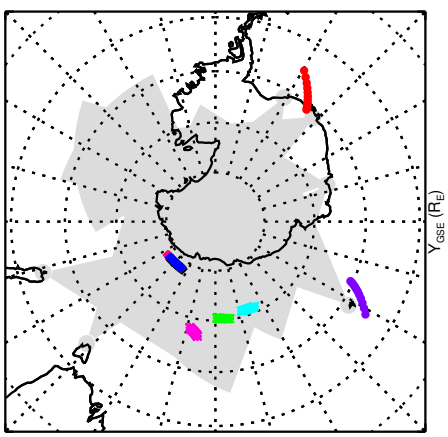
ker zho

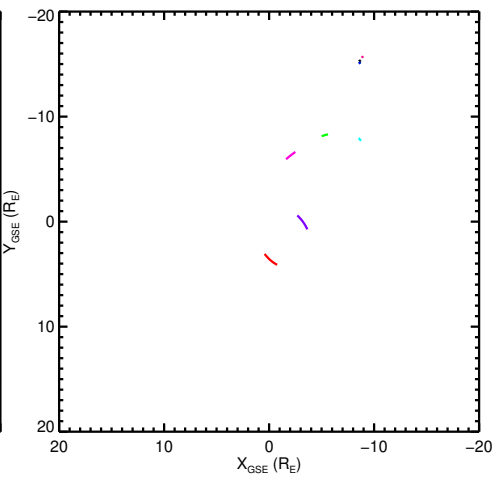


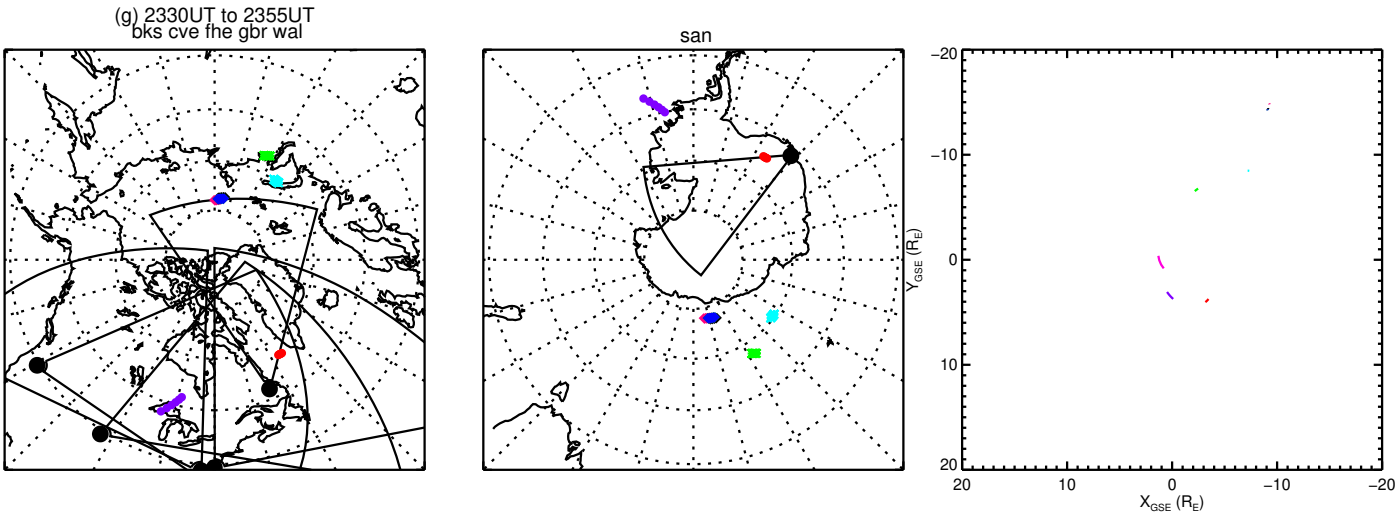


(f) 2030UT to 2120UT
cve fhe wal





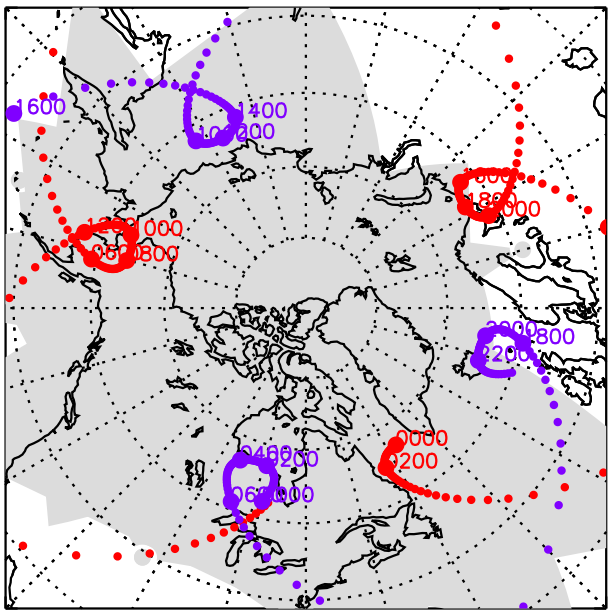


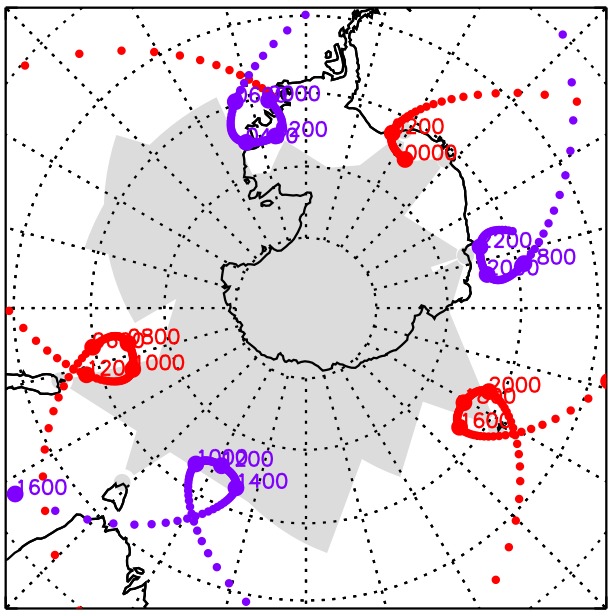

(g) 2330UT to 2355UT
bks cve fhe gbr wal
san
−20
−10
0
10
20
Y_{GSE} (R_E)
20
10
0
−10
−20
X_{GSE} (R_E)

Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

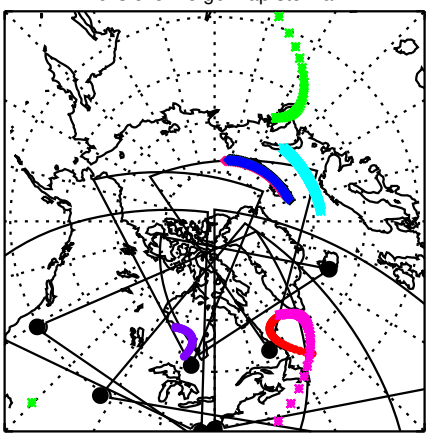
27–Jun–2013

Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

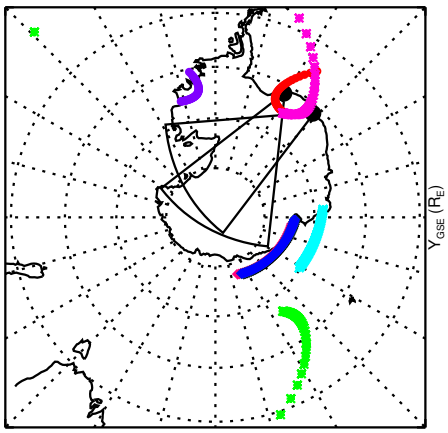


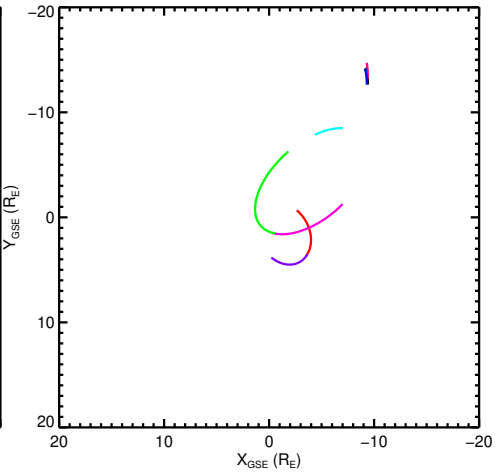


(a) 0000UT to 0320UT
bks cve fhe gbr kap sto wal

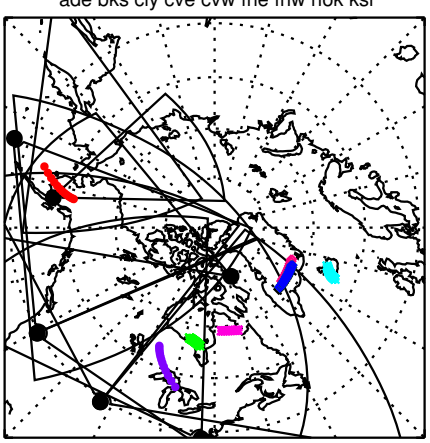


hal san

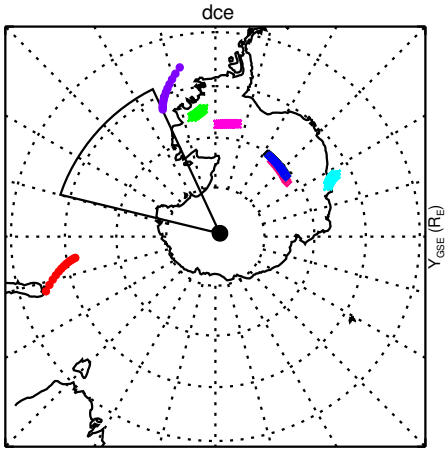


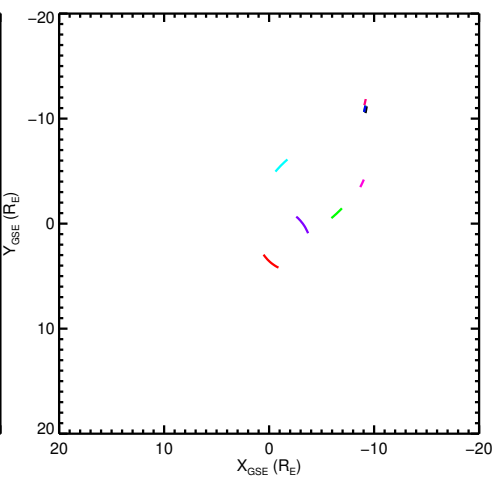


(b) 0525UT to 0625UT
ade bks cly cve cvw fhe fhw hok ksr

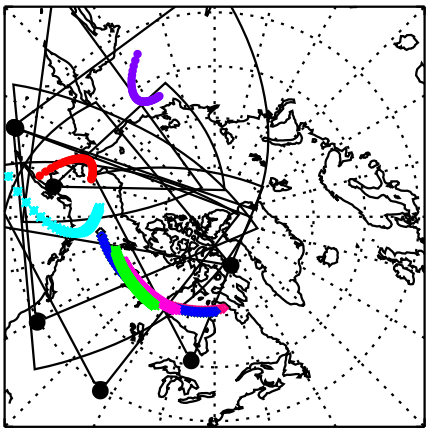


dce

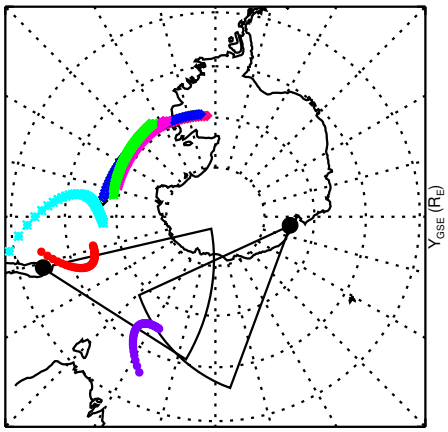


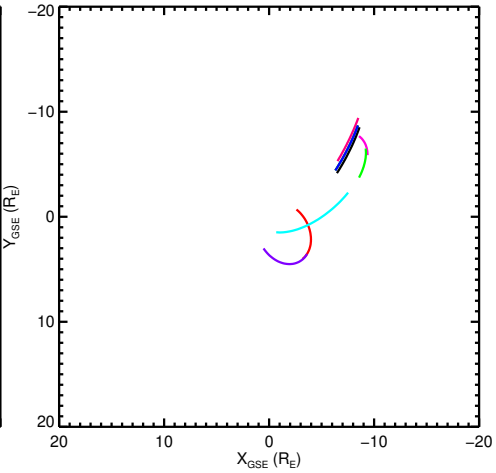


(c) 0830UT to 1220UT
ade adw cly cvw fhw hok kap ksr

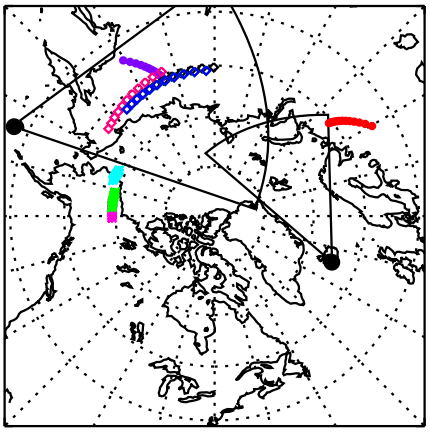


unw zho

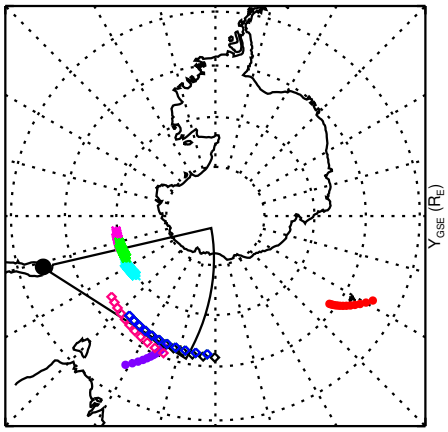


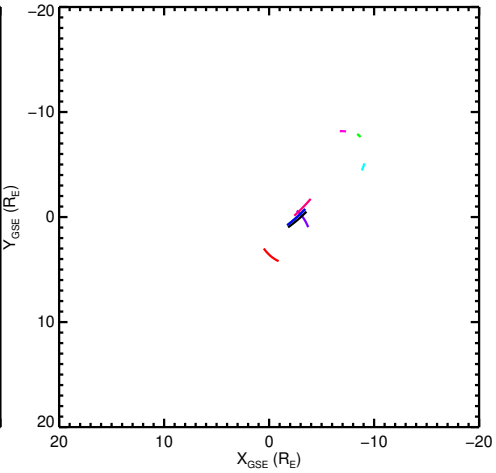


(d) 1425UT to 1525UT
adw pyk

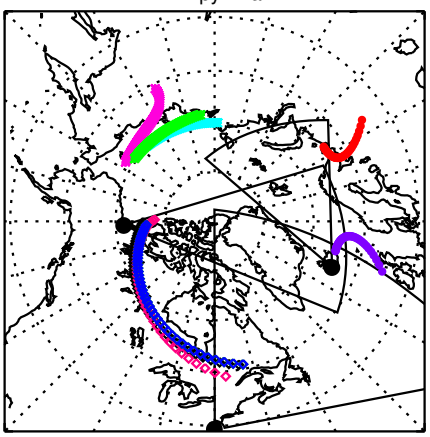


unw

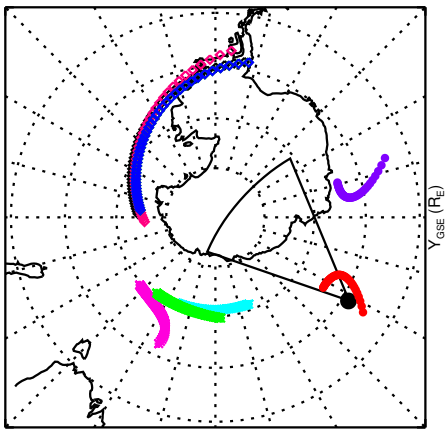


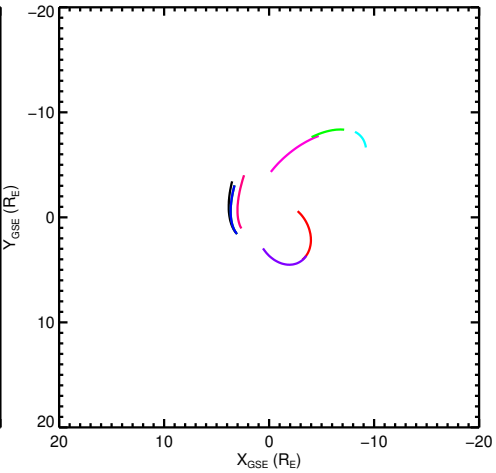


(e) 1730UT to 2115UT
inv pyk wal

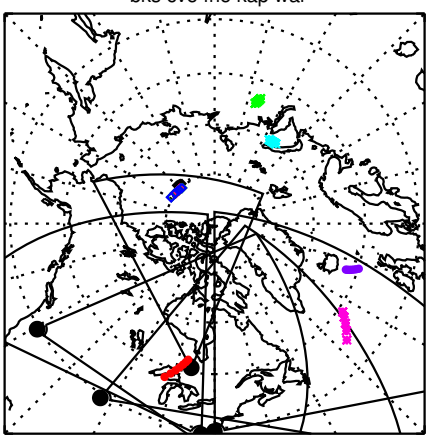


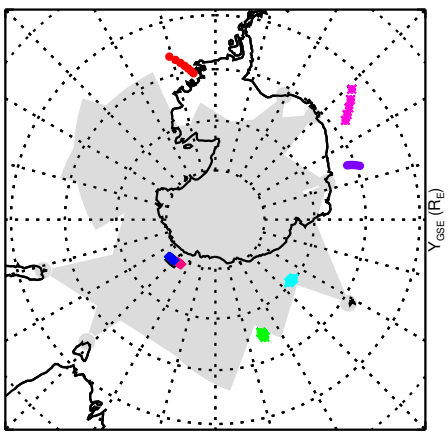
ker

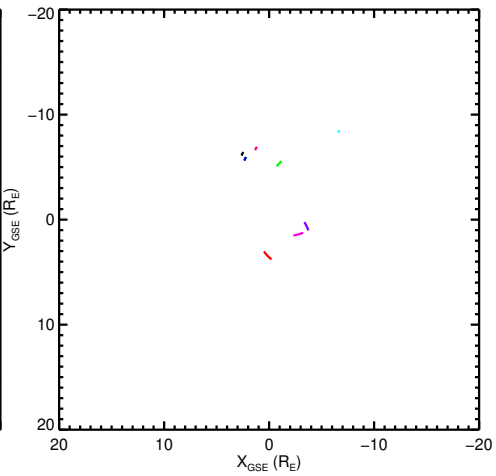




(f) 2325UT to 2355UT
bks cve fhe kap wal



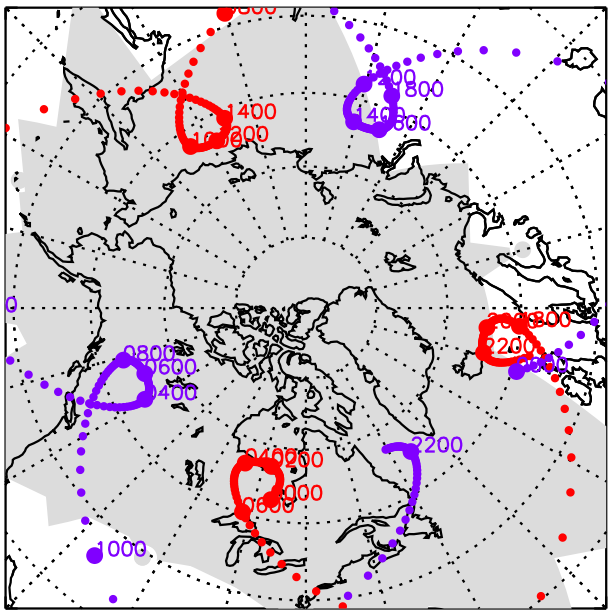


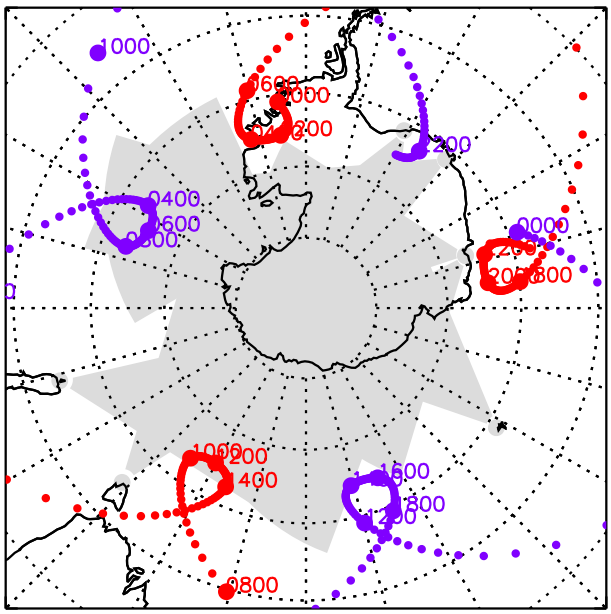


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

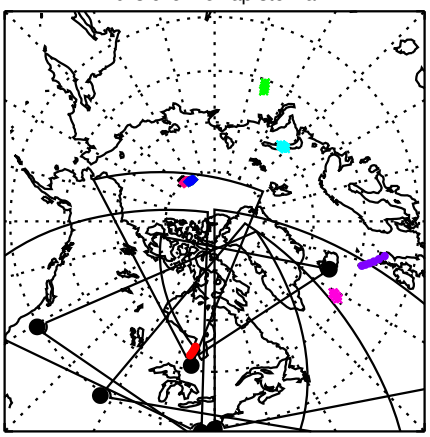
28–Jun–2013

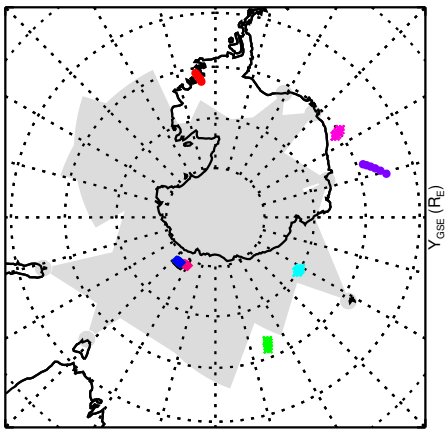
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

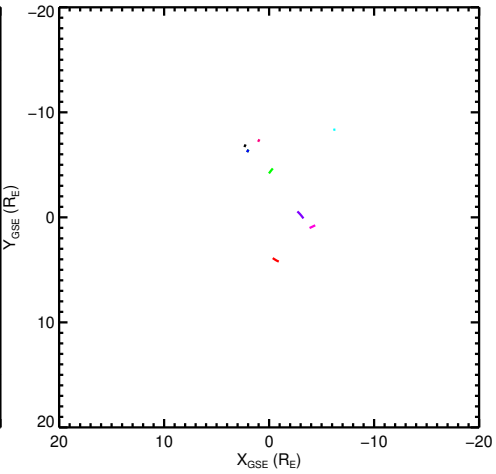




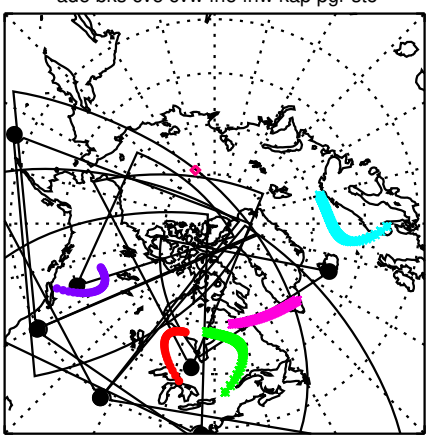
(a) 0000UT to 0025UT
bks cve fhe kap sto wal



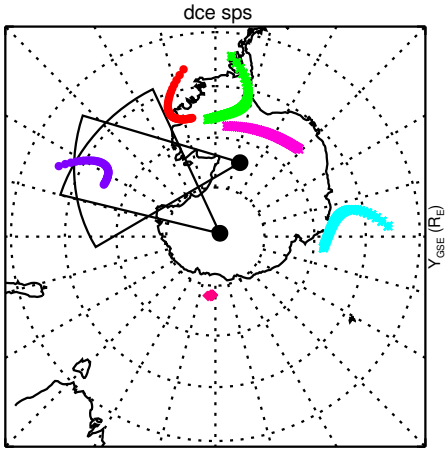


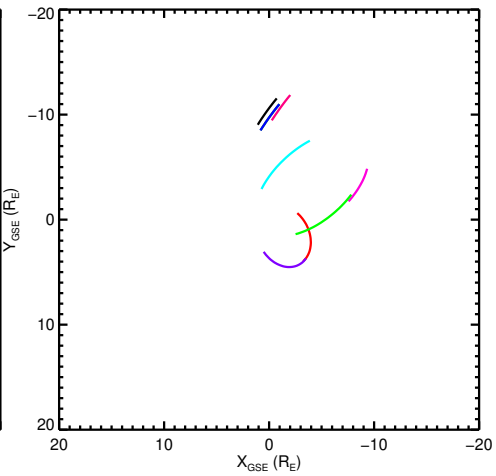


(b) 0235UT to 0615UT
ade bks cve cvw fhe fhw kap pgr sto



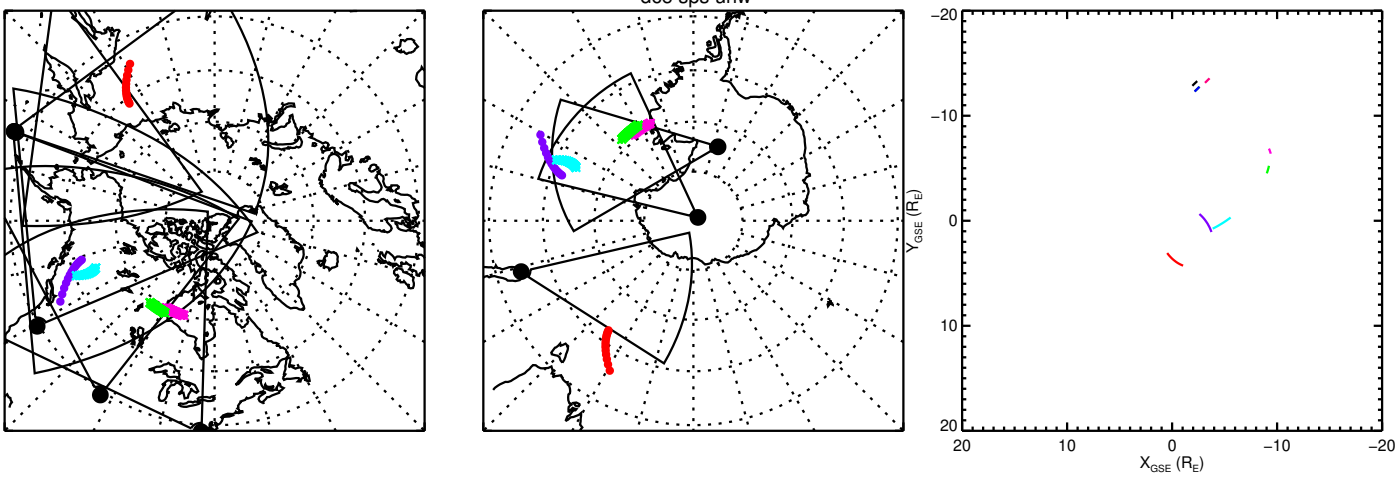
dce sps





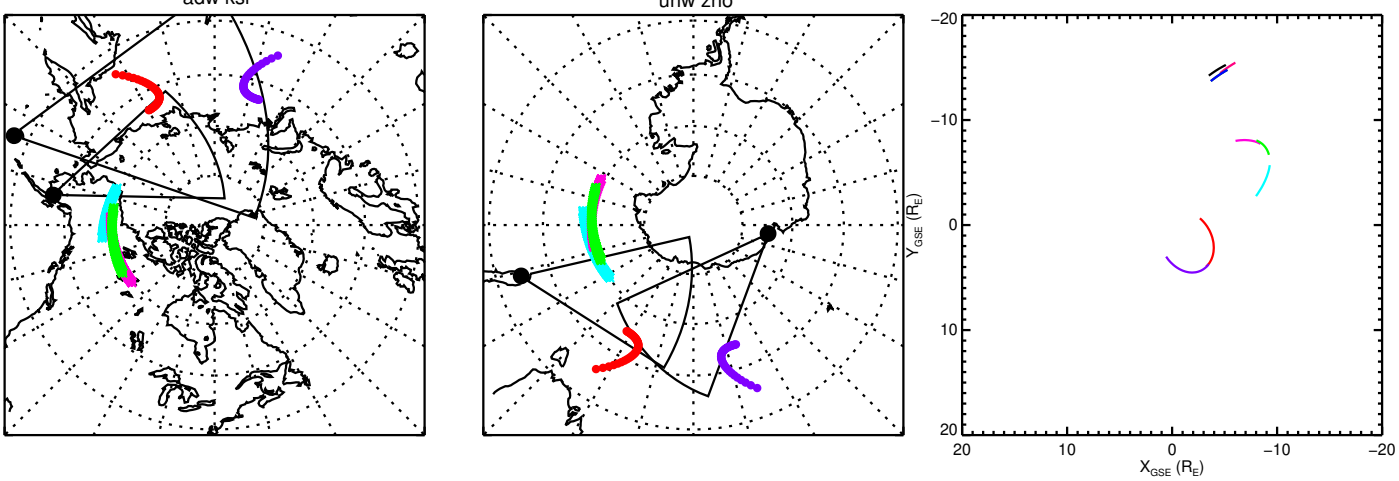
(c) 0825UT to 0930UT
ade adw bks cvw fhw hok

dce sps unw

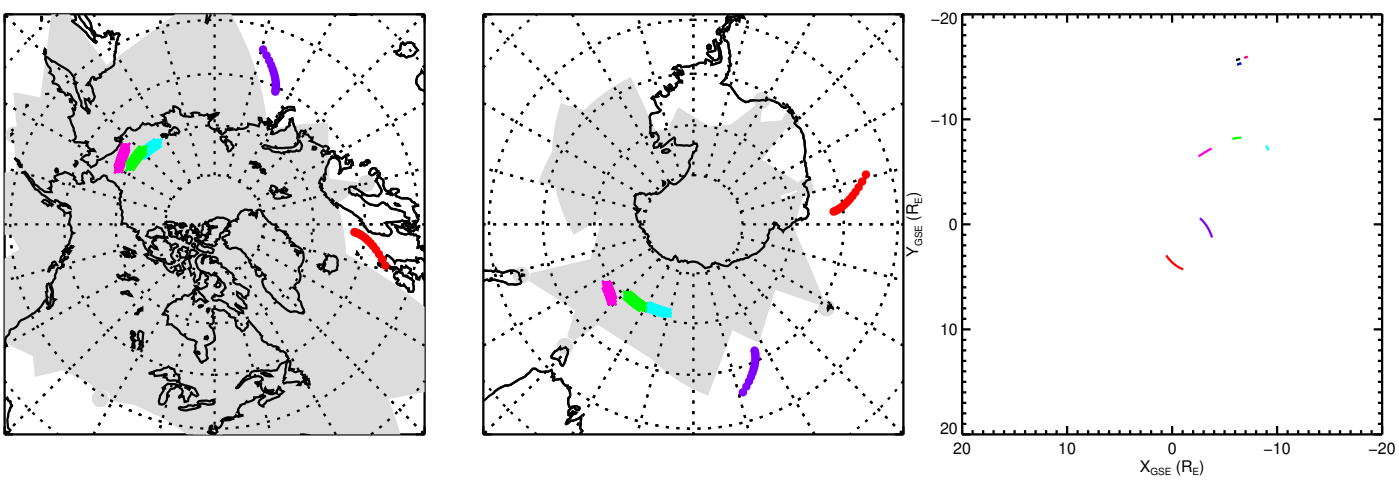


(d) 1135UT to 1515UT
adw ksr

unw zho

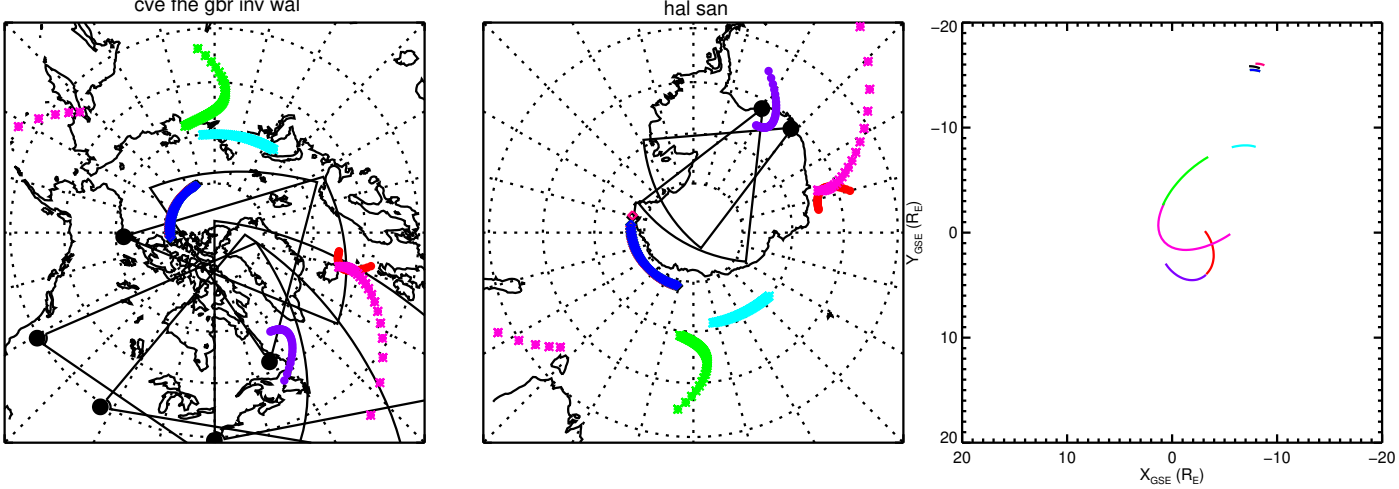


(e) 1720UT to 1830UT



(f) 2035UT to 2355UT
cve fhe gbr inv wal

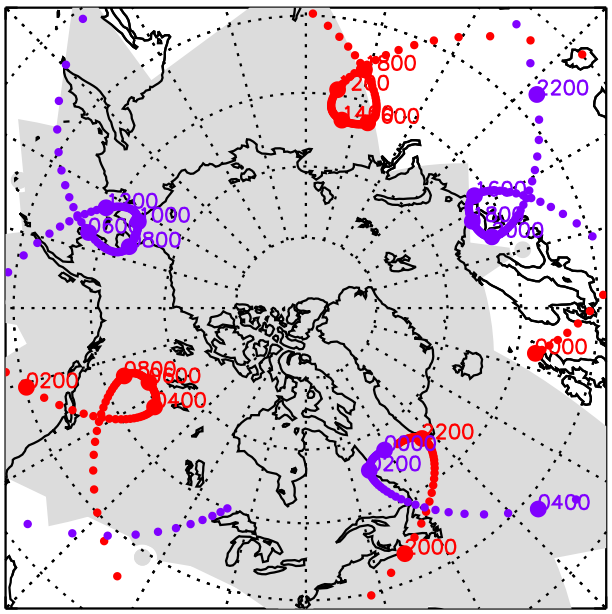
hal san

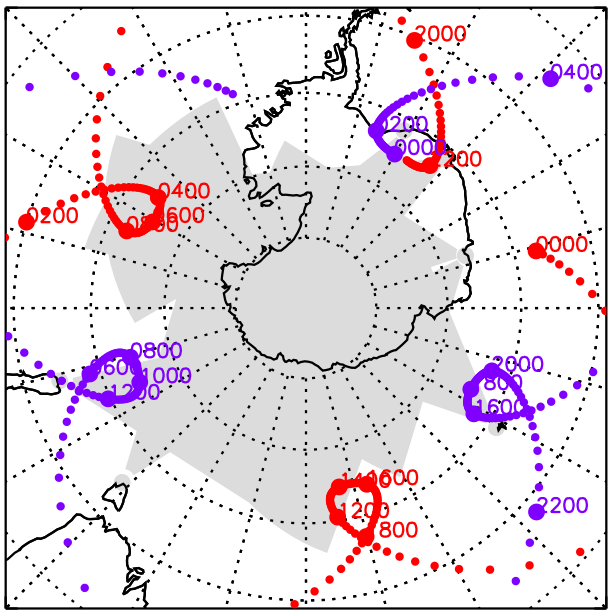


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

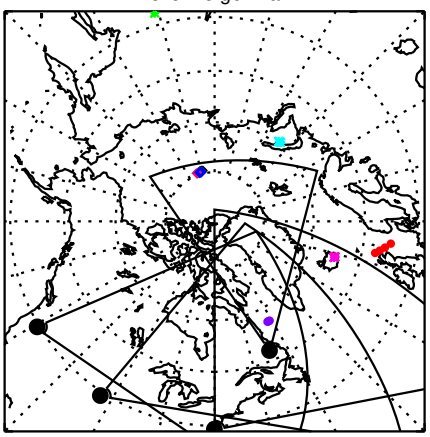
29–Jun–2013

Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

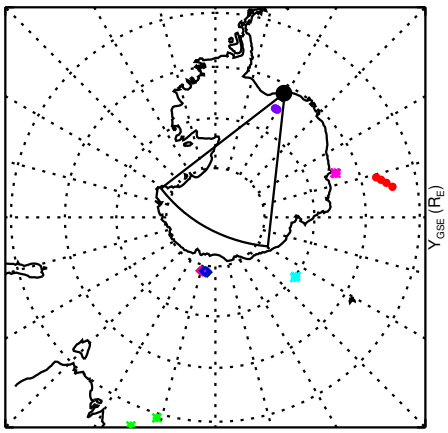


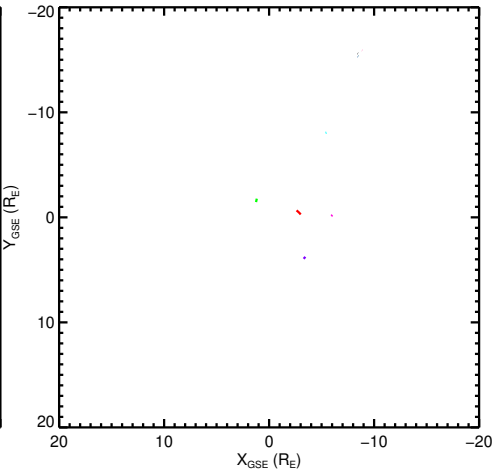


(a) 0000UT to 0015UT
cve fhe gbr wal

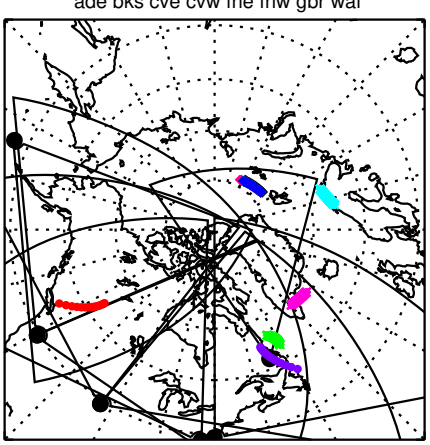


hal

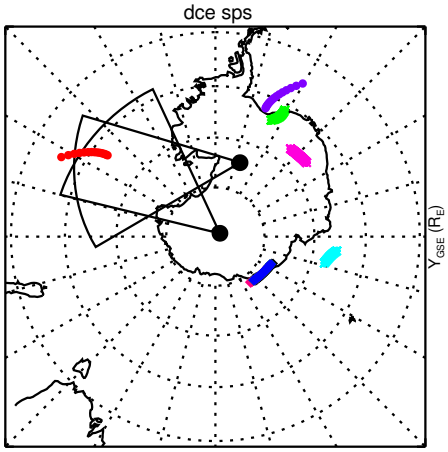


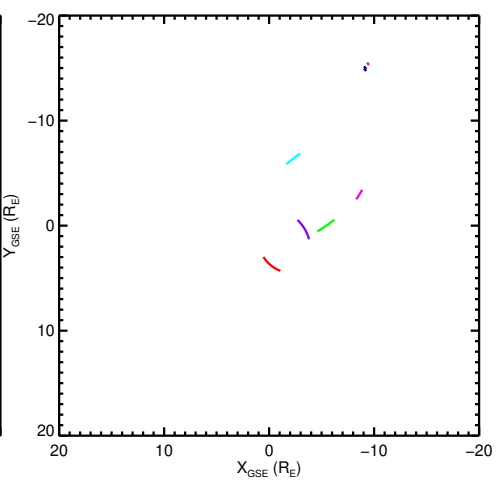


(b) 0220UT to 0330UT
ade bks cve cvw fhe fhw gbr wal

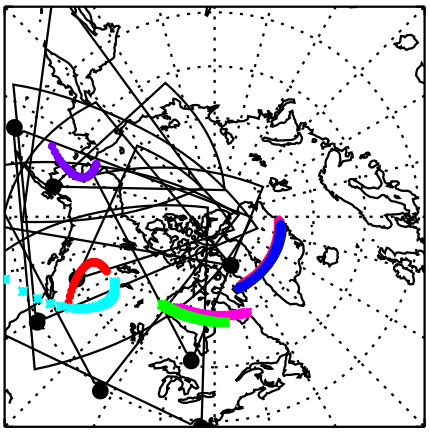


dce sps

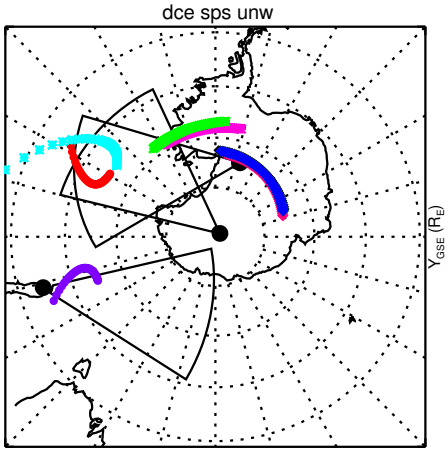


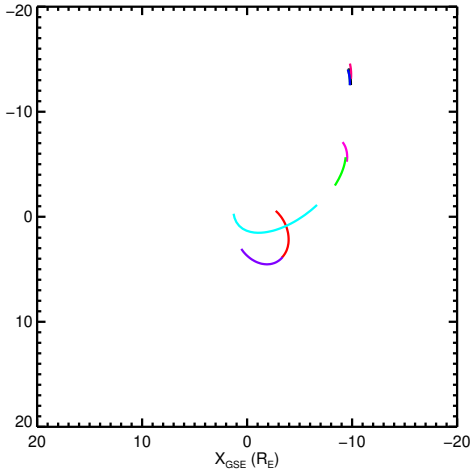


(c) 0540UT to 0910UT
ade bks cly cvw fhw hok kap ksr pgr

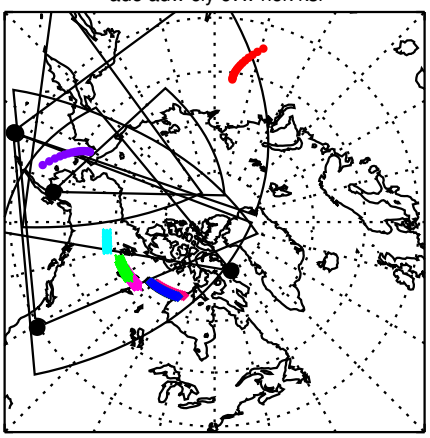


dce sps unw

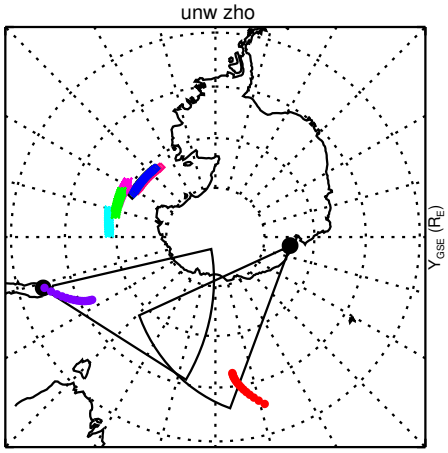


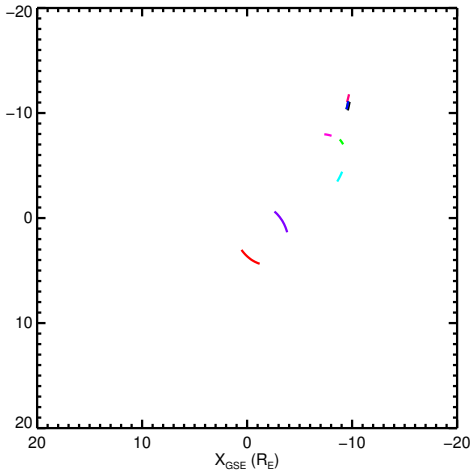


(d) 1120UT to 1235UT
ade adw cly cvw hok ksr

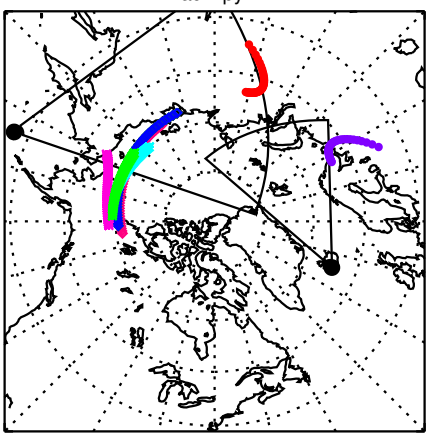


unw zho

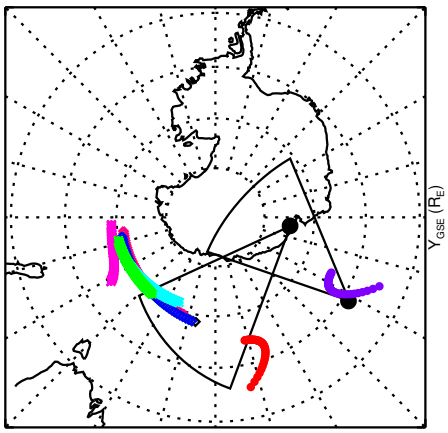


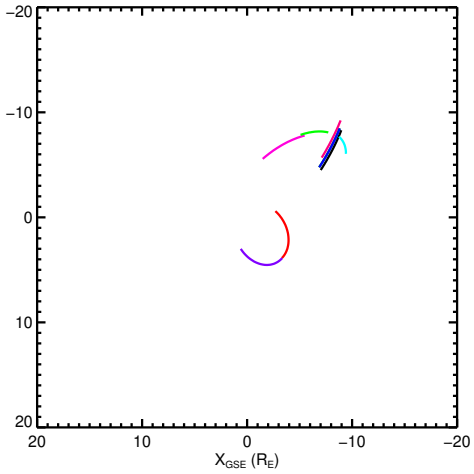


(e) 1440UT to 1810UT
adw pyk

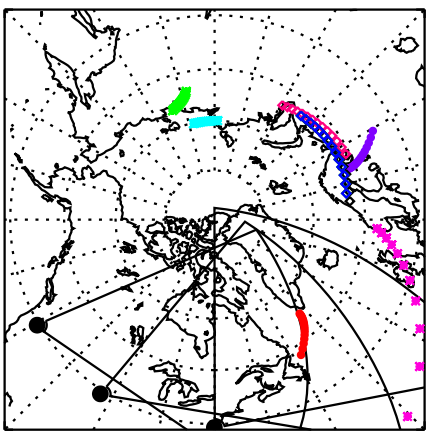


ker zho

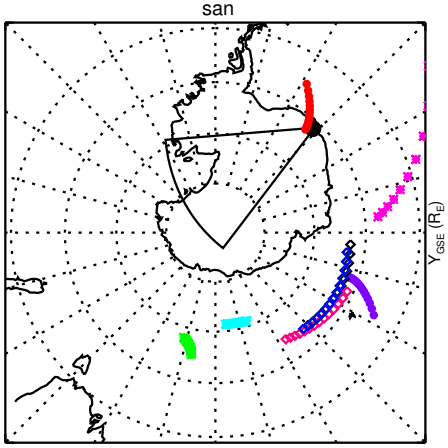


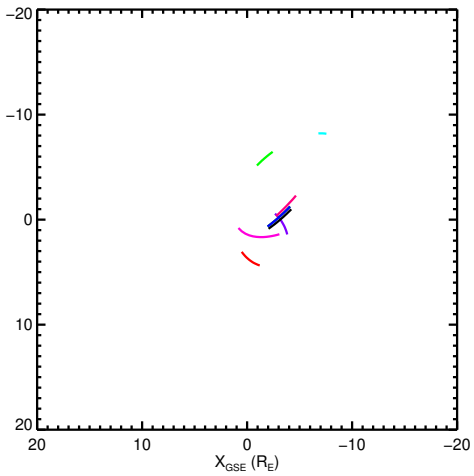


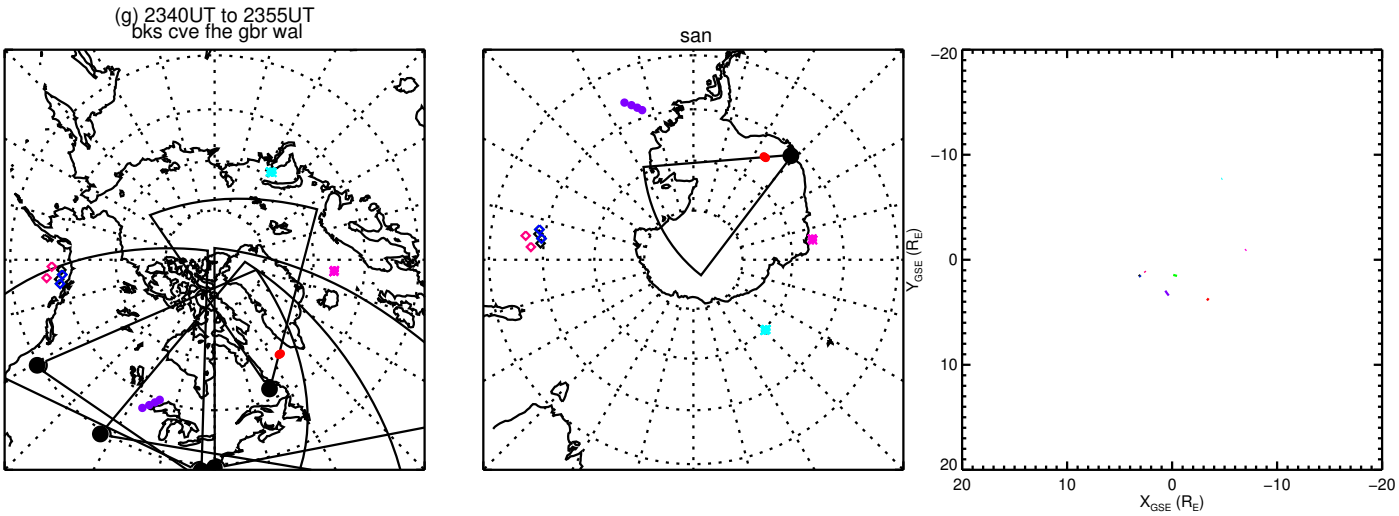
(f) 2020UT to 2135UT
cve fhe wal



san



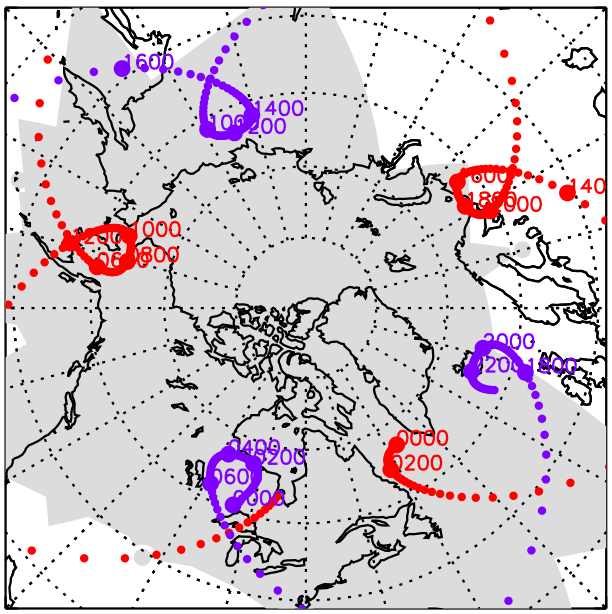


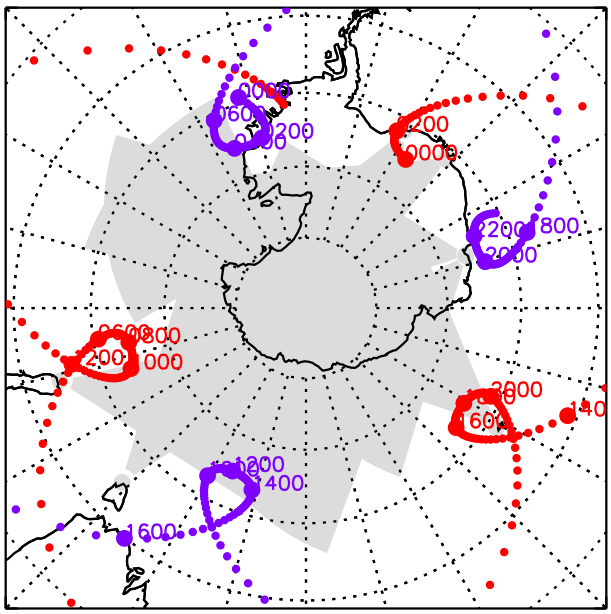

(g) 2340UT to 2355UT
bks cve fhe gbr wal
san
−20
−10
0
10
20
Y_{GSE} (R_E)
20
10
0
−10
−20
X_{GSE} (R_E)

Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

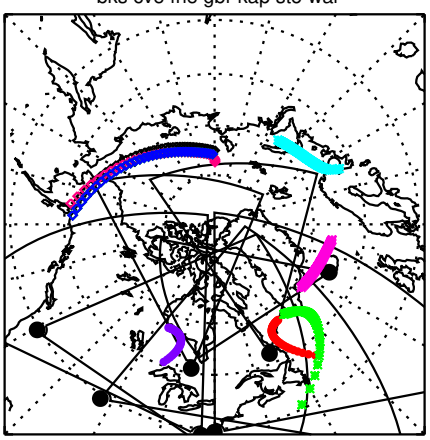
30–Jun–2013

Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

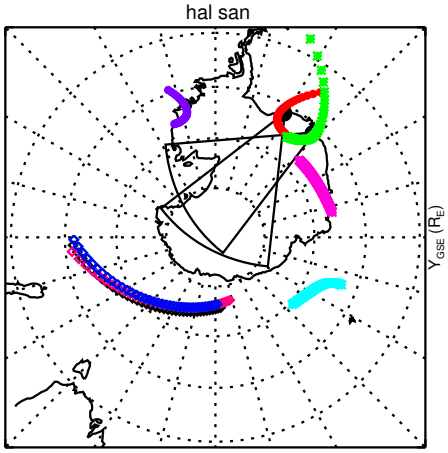


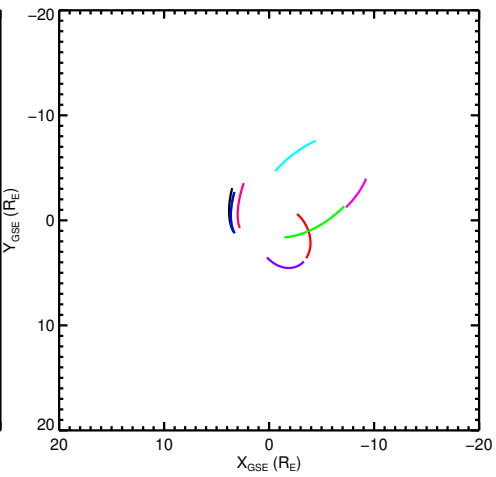


(a) 0000UT to 0310UT
bks cve fhe gbr kap sto wal

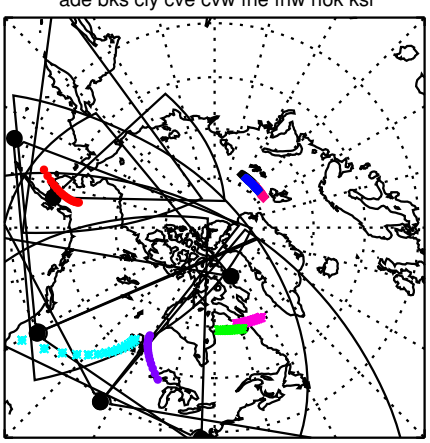


hal san

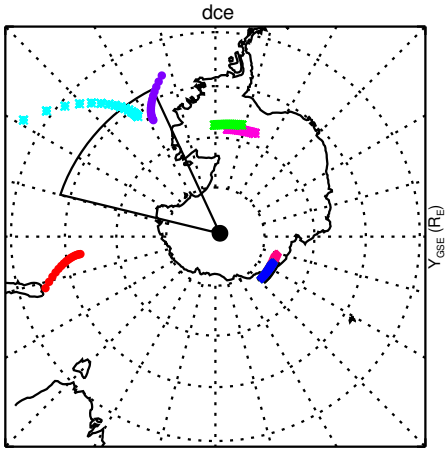


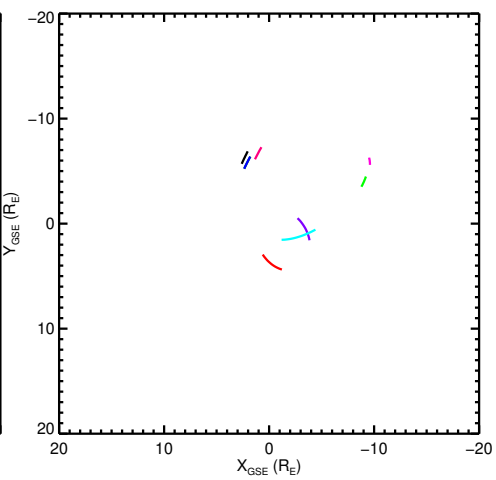


(b) 0515UT to 0635UT
ade bks cly cve cvw fhe fhw hok ksr

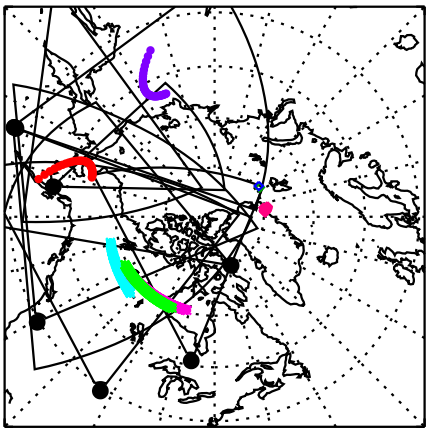


dce

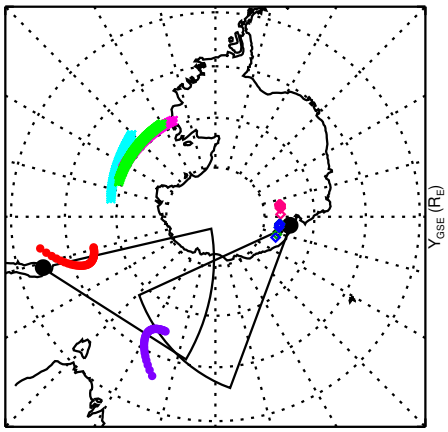


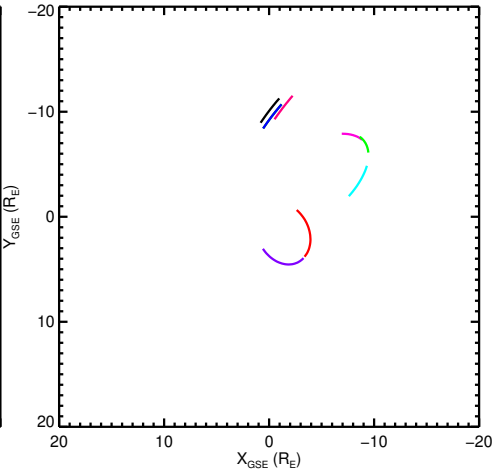


(c) 0845UT to 1210UT
ade adw cly cvw fhw hok kap ksr

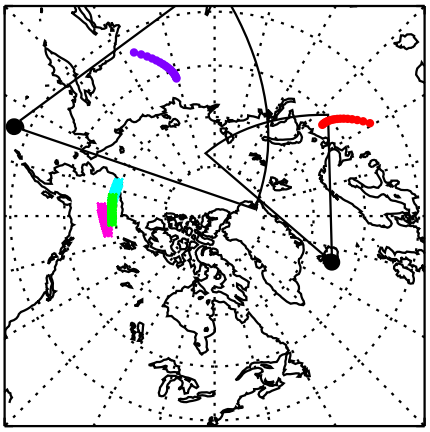


unw zho

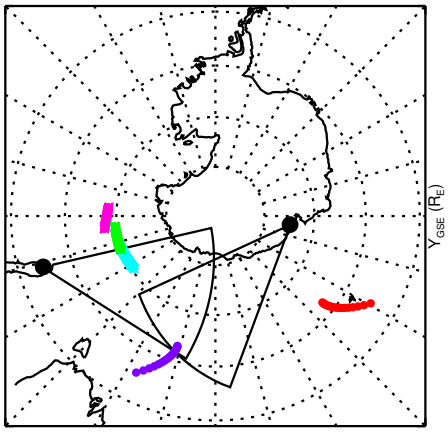


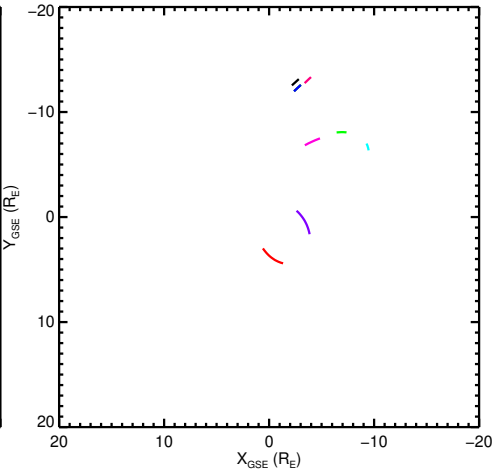


(d) 1415UT to 1540UT
adw pyk

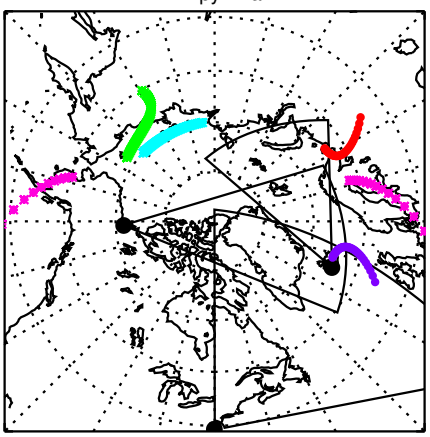


unw zho





(e) 1745UT to 2105UT
inv pyk wal



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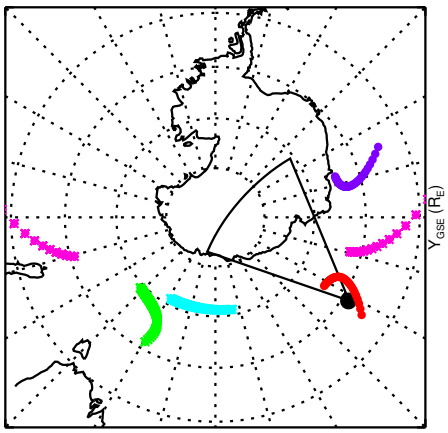

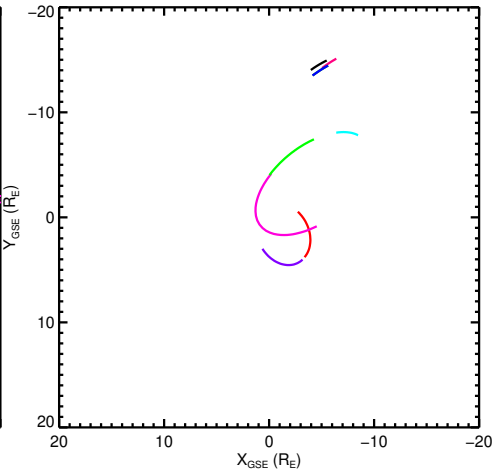
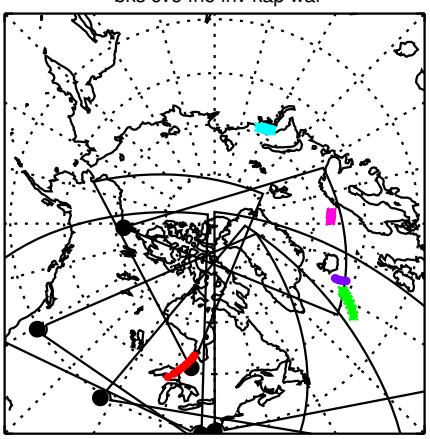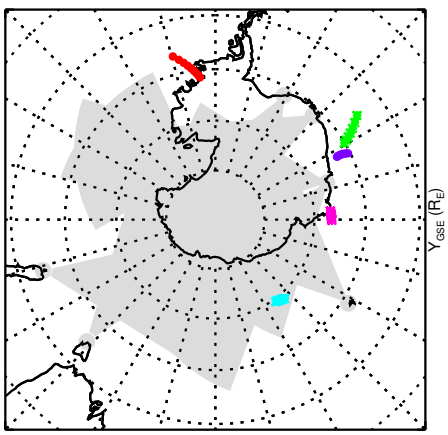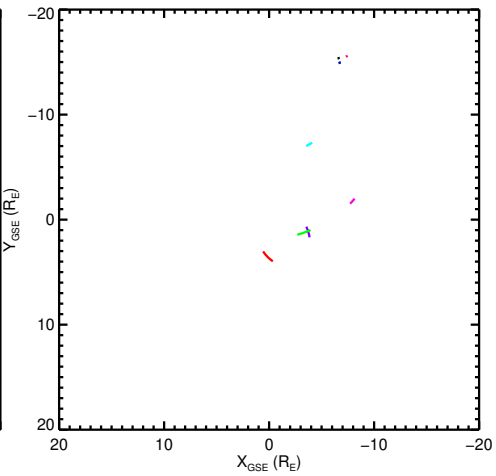
(f) 2315UT to 2355UT
bks cve fhe inv kap wal