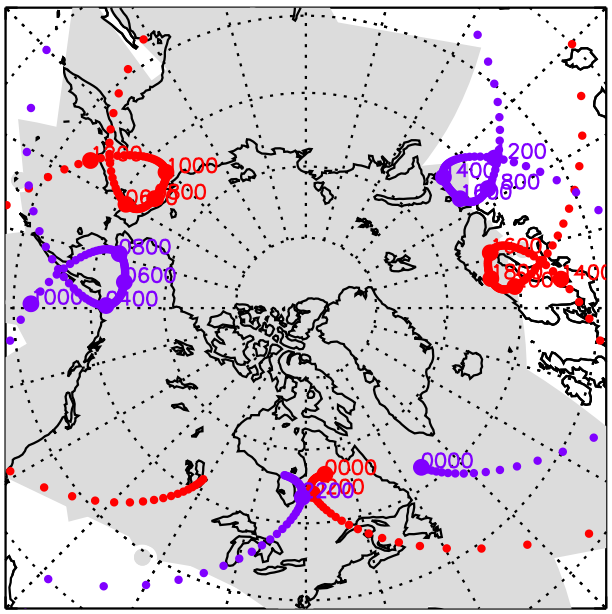
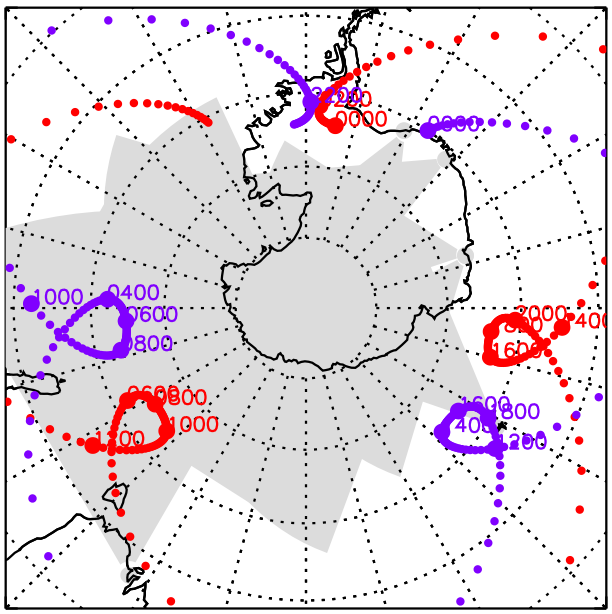
Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

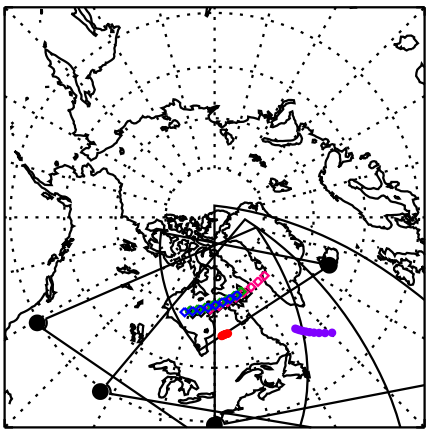
01–Jun–2015

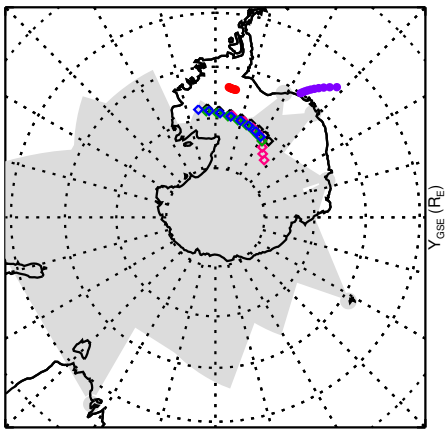
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

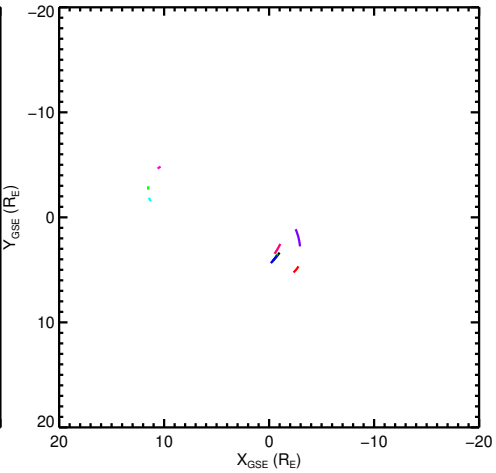




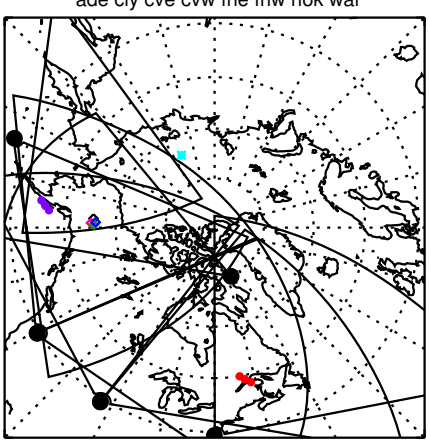
(a) 0000UT to 0045UT
cve fhe sto wal



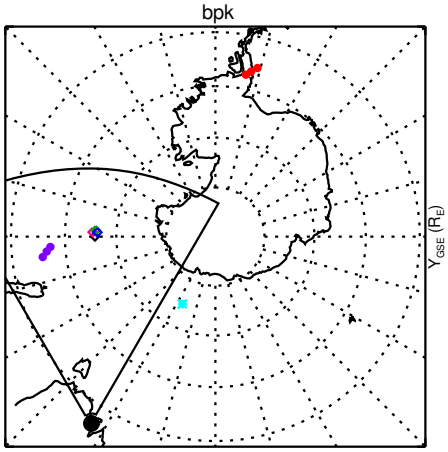


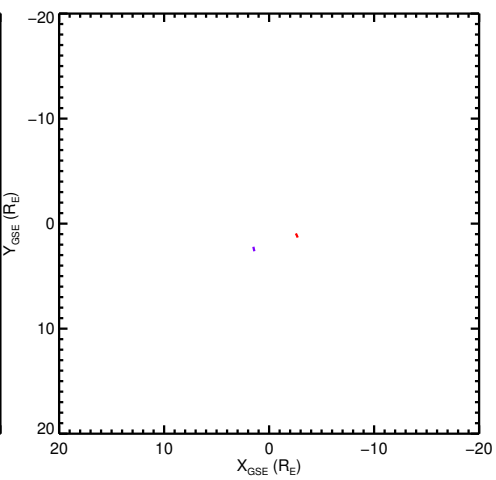


(b) 0250UT to 0300UT
ade cly cve cvw fhe fhw hok wal

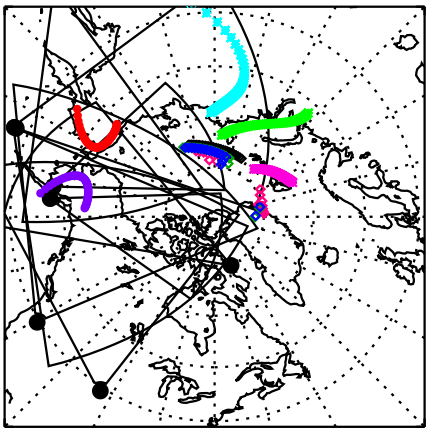


bpk

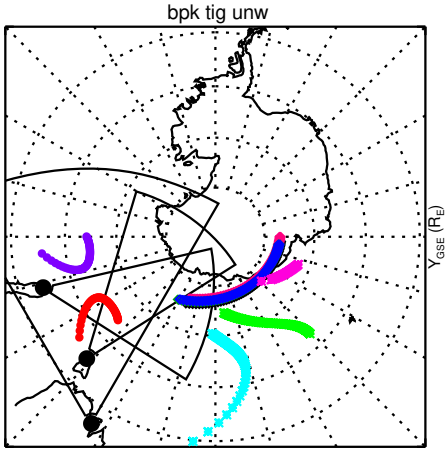


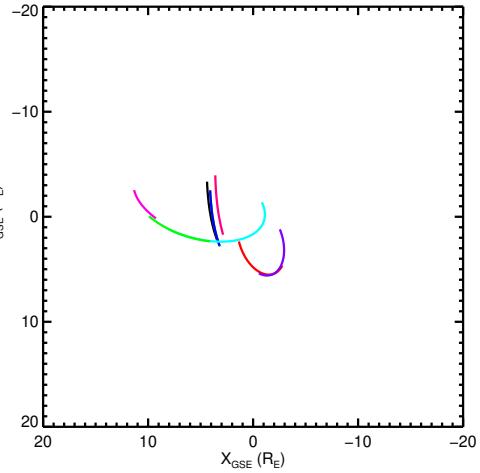


(c) 0505UT to 0945UT
ade adw cly cvw fhw hok kod ksr

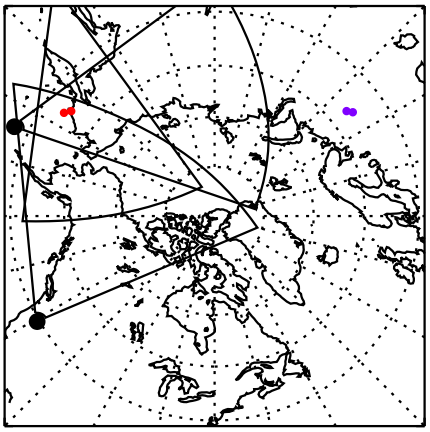


bpk tig unw

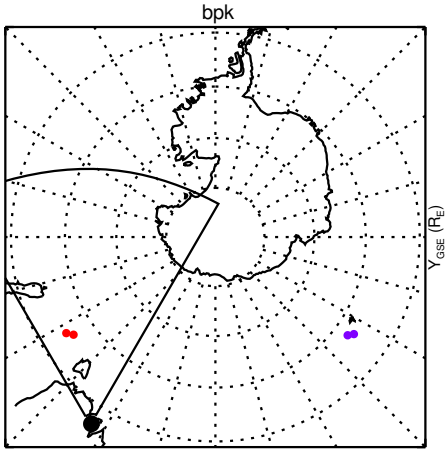


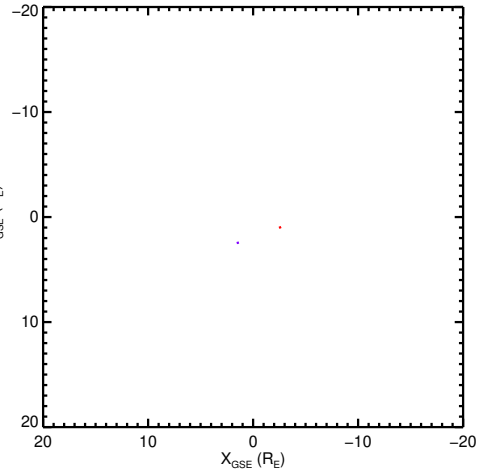


(d) 1155UT to 1200UT
adw cvw hok

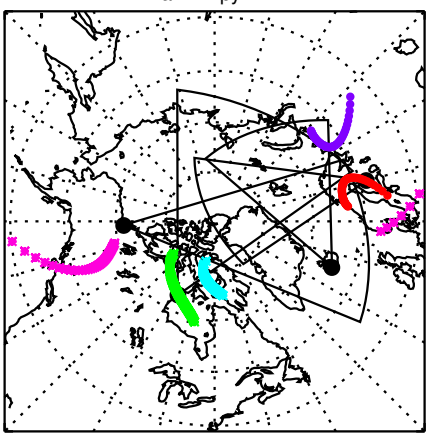


bpk





(e) 1405UT to 1850UT
han inv pyk rkn



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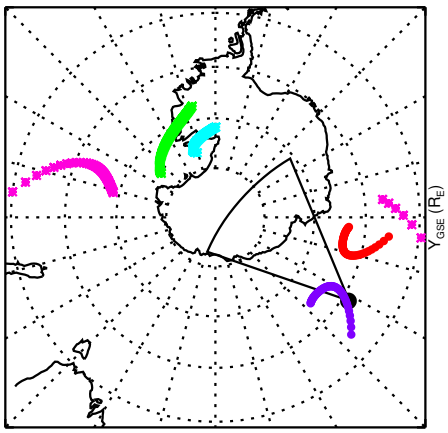
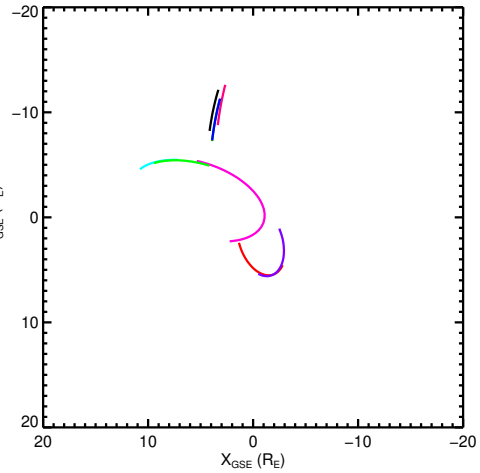
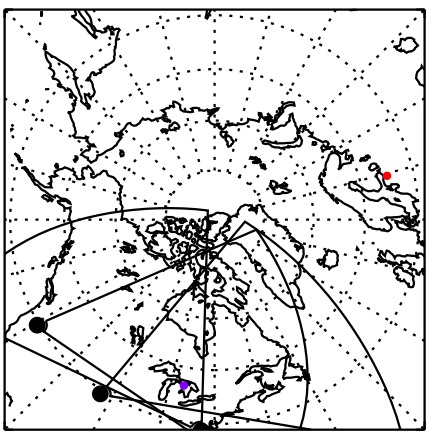
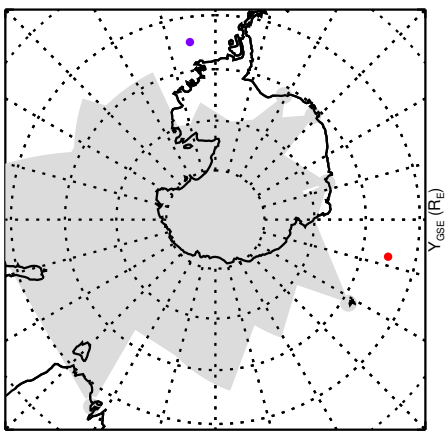
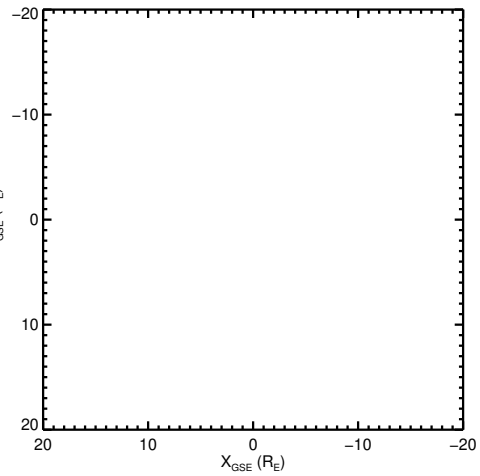


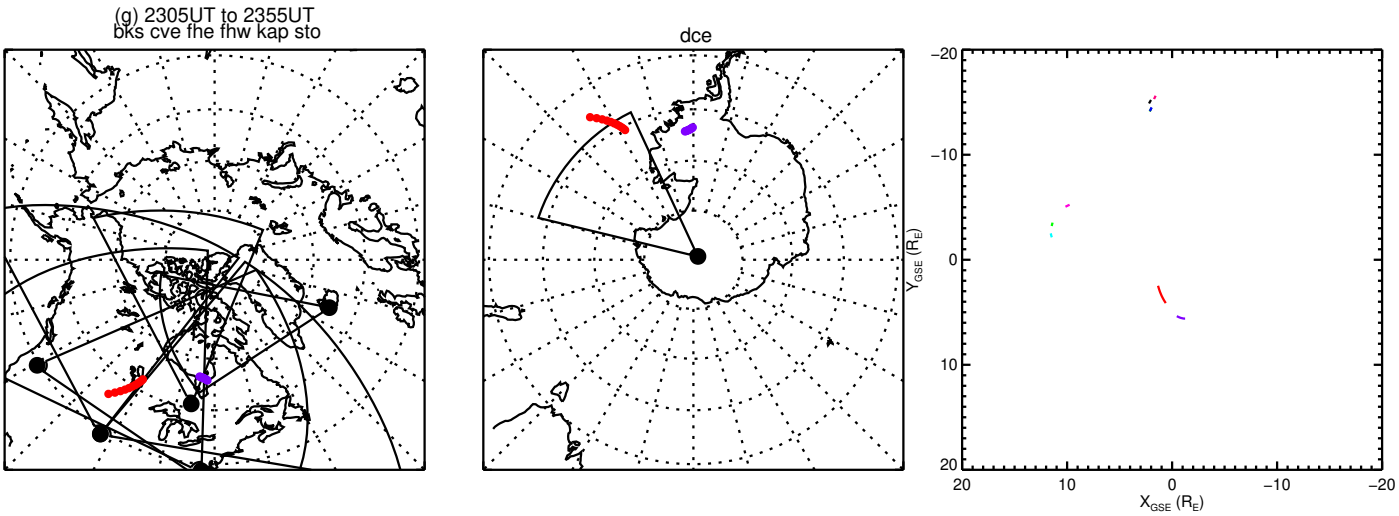


(f) 2055UT to 2055UT
bks cve fhe





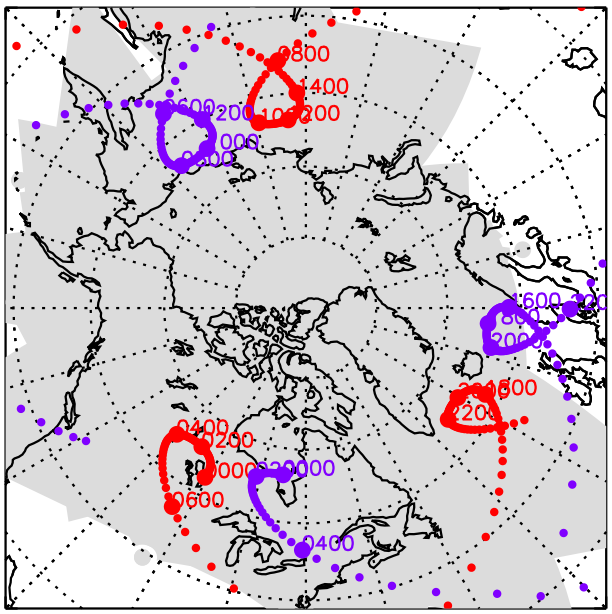


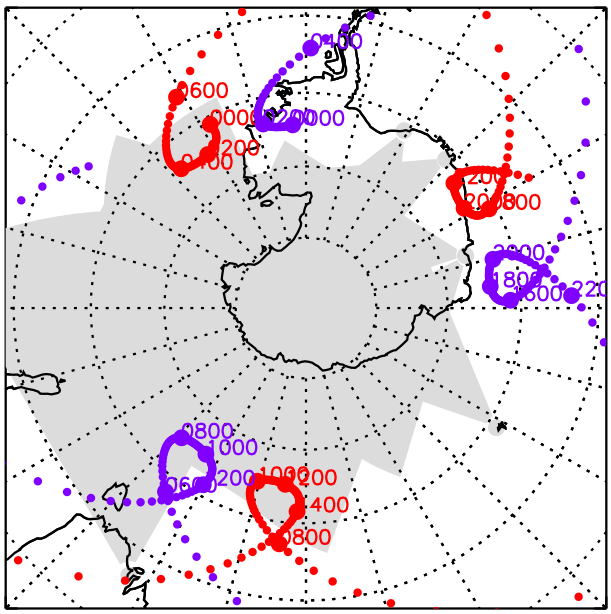

(g) 2305UT to 2355UT
bks cve fhe fhw kap sto
dce
20
−20
−10
0
10
20
20
10
0
−10
−20
Y_{GSE} (R_E)
X_{GSE} (R_E)

Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

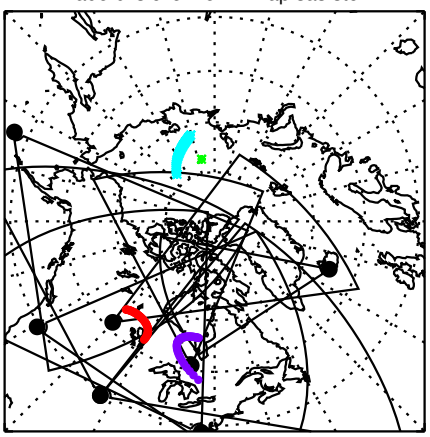
02–Jun–2015

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

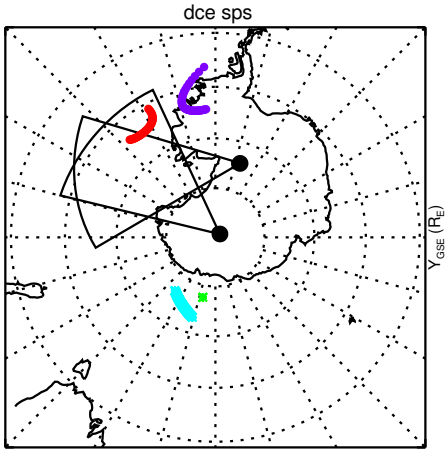


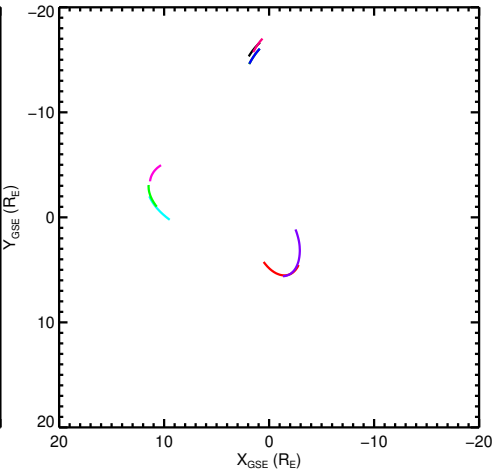


(a) 0000UT to 0350UT
ade bks cve fhe fhw kap sas sto

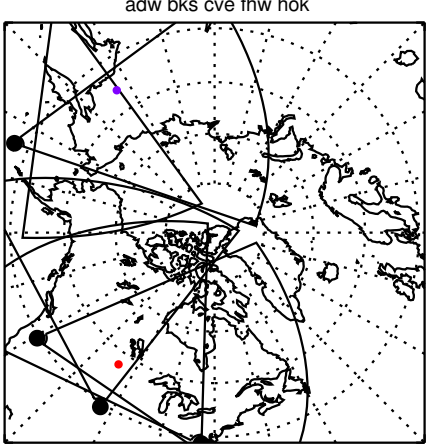


dce sps

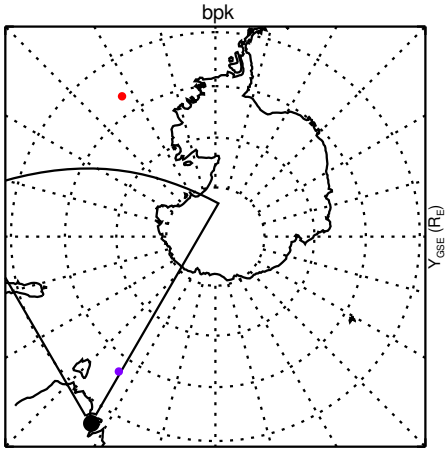


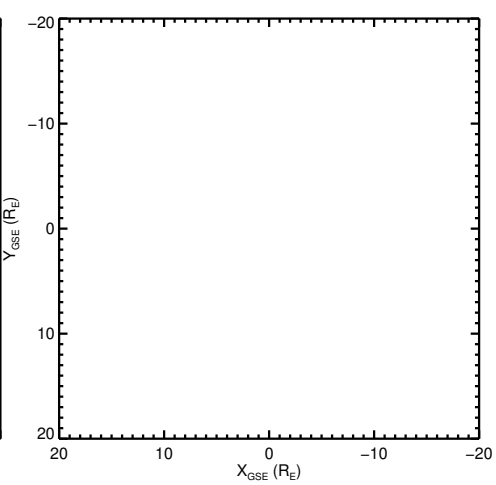


(b) 0555UT to 0555UT
adw bks cve fhw hok

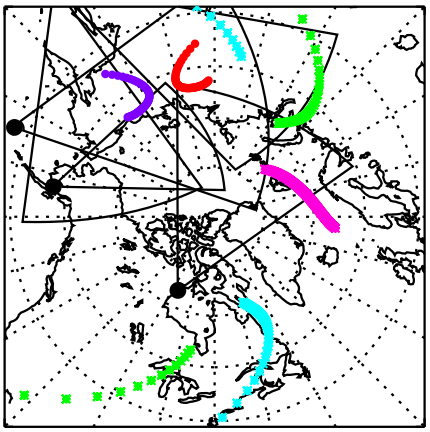


bpk

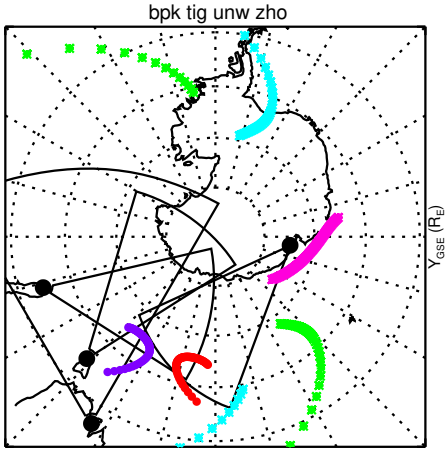


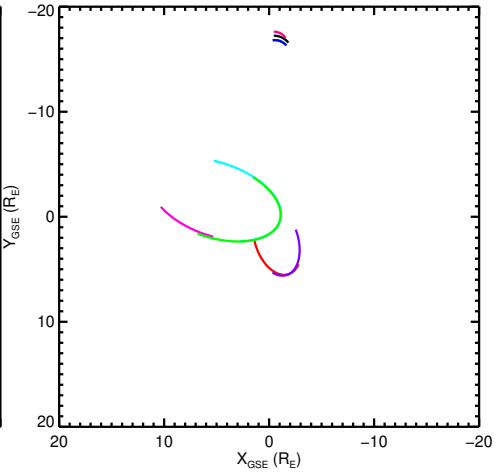


(c) 0800UT to 1250UT
adw hkw hok ksr rkn

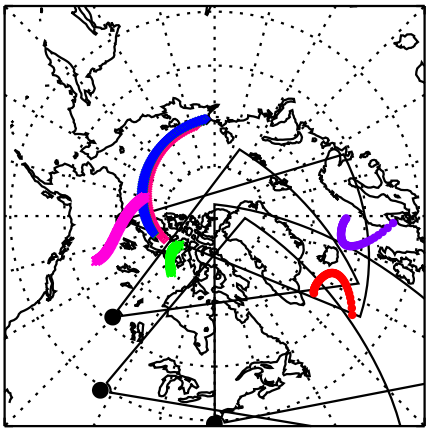


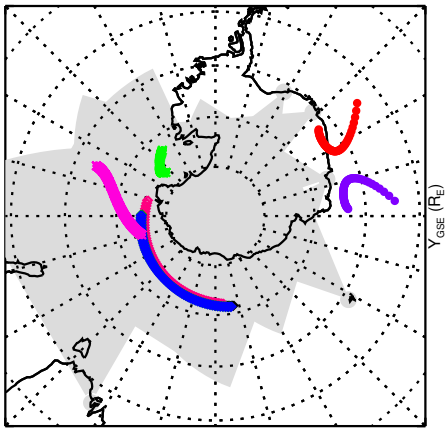
bpk tig unw zho

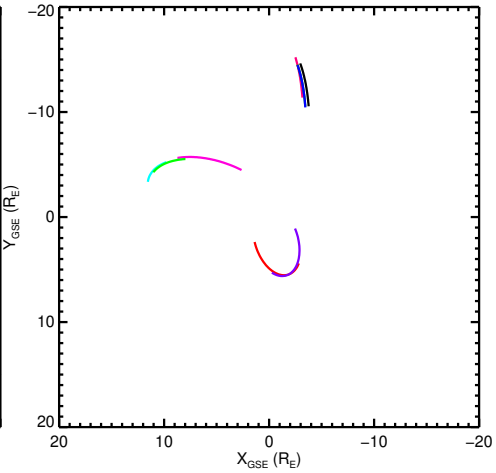




(d) 1700UT to 2155UT
fhe inv sas wal



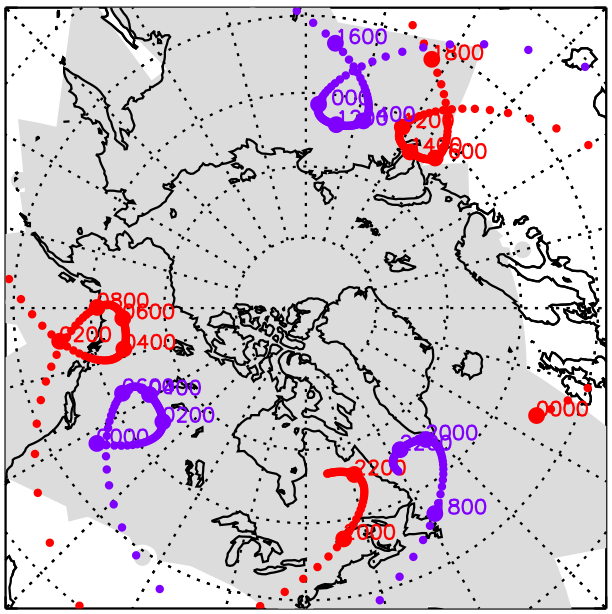


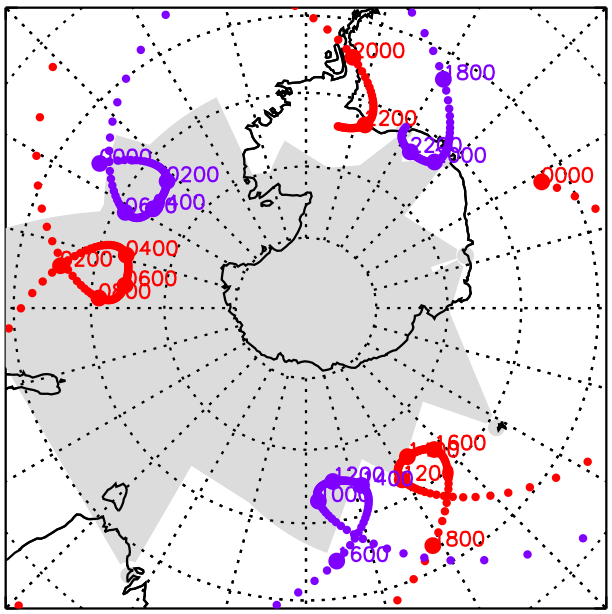


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

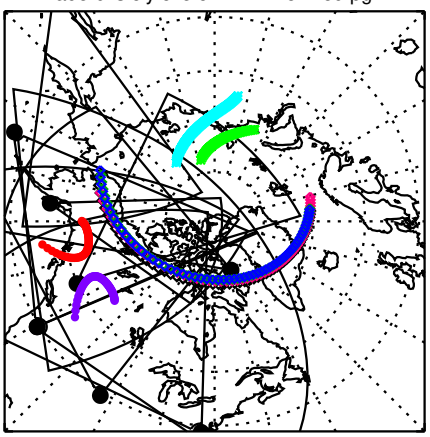
03–Jun–2015

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

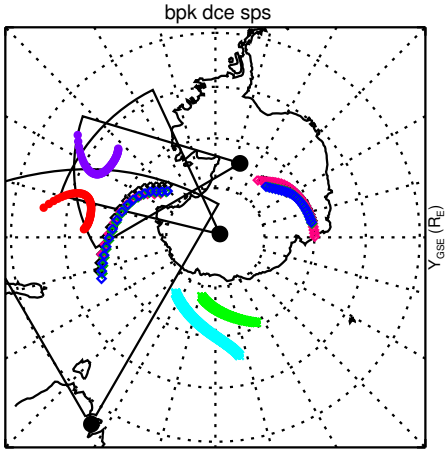


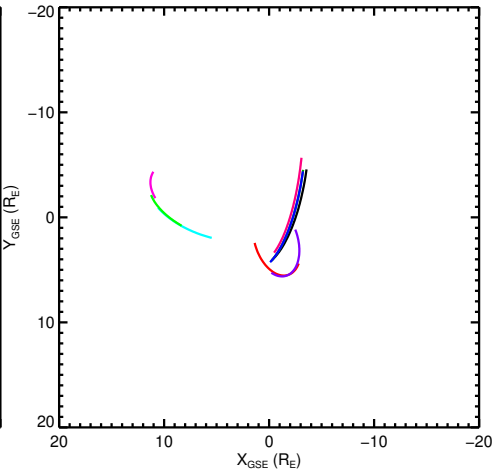


(a) 0200UT to 0655UT
ade bks cly cve cvw fhw hok kod pgr

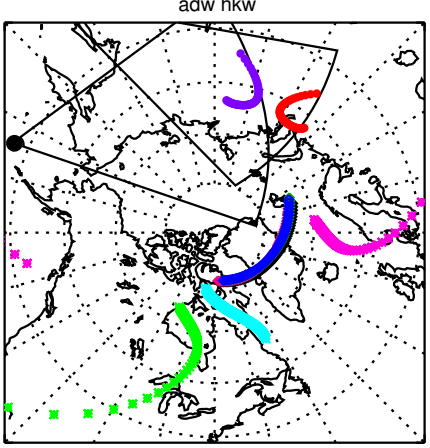


bpk dce sps

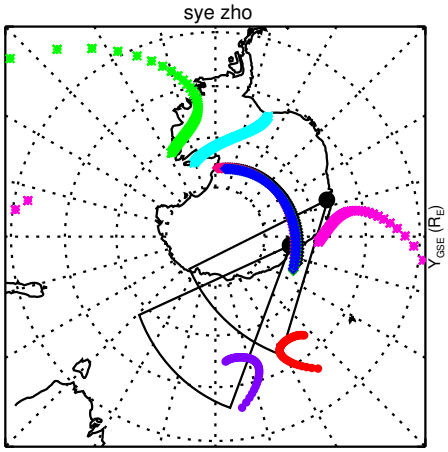


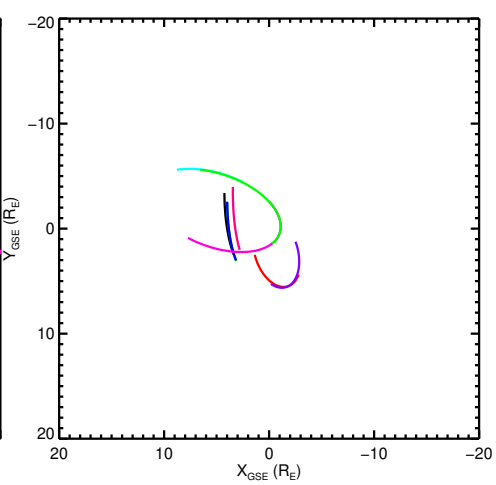


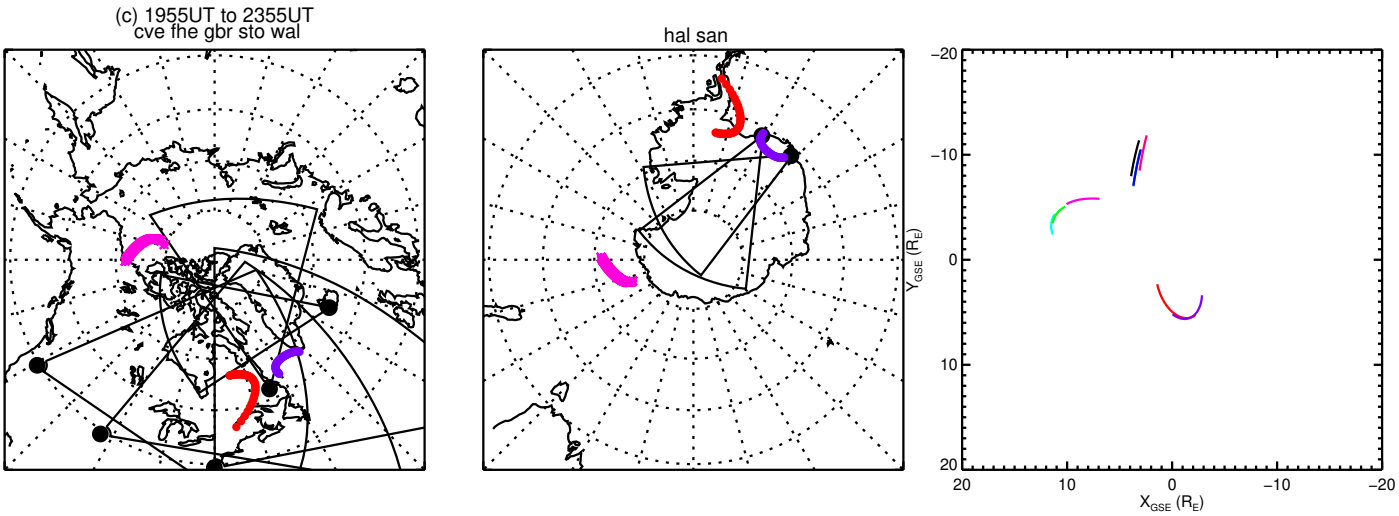
(b) 1100UT to 1555UT
adw hkw



sye zho



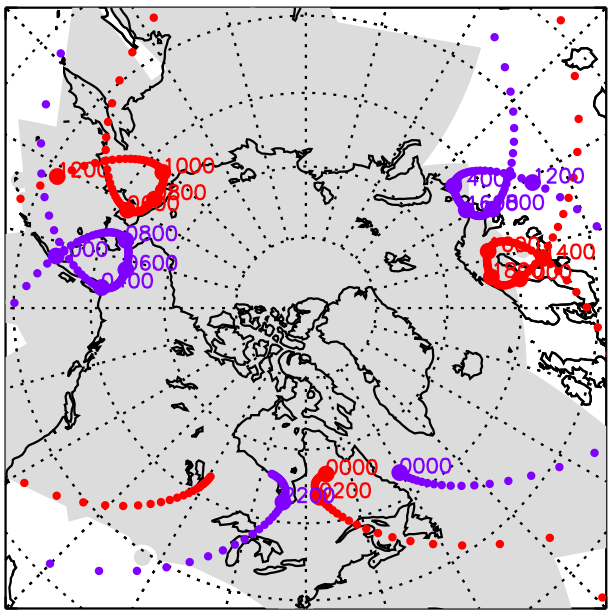


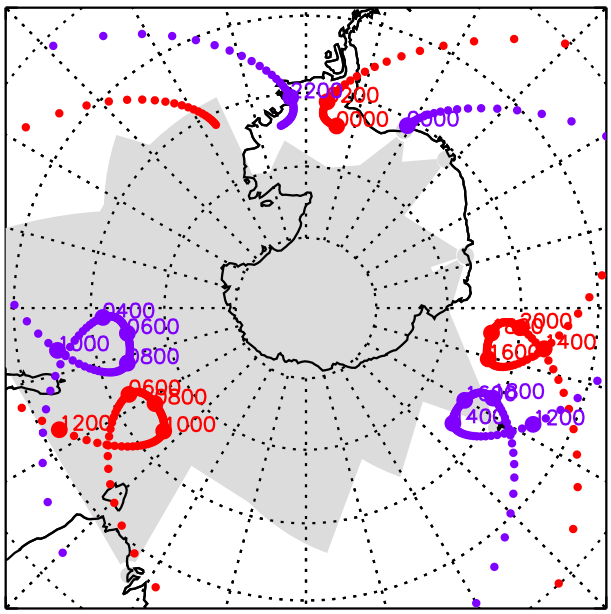

(c) 1955UT to 2355UT
cve fhe gbr sto wal
hal san
−20
−10
0
10
20
Y_{GSE} (R_E)
20
10
0
−10
−20
X_{GSE} (R_E)

Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

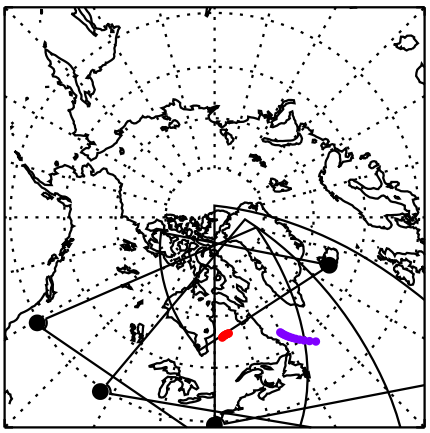
04–Jun–2015

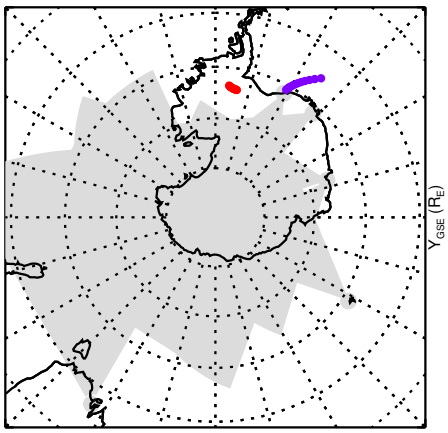
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

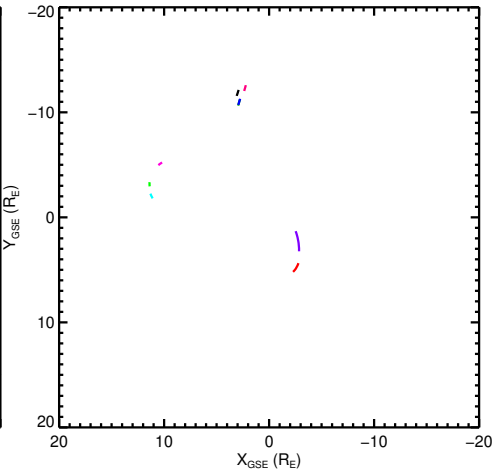




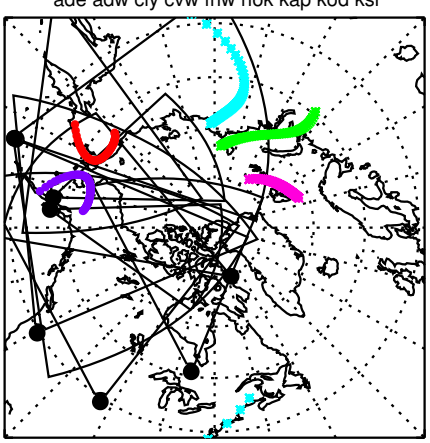
(a) 0000UT to 0055UT
cve fhe sto wal



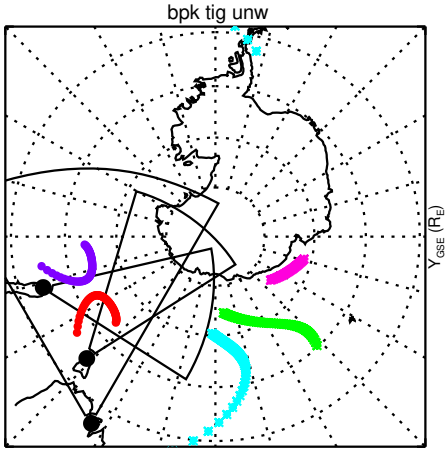


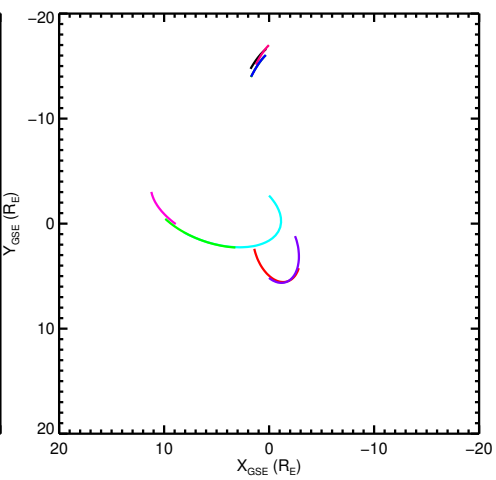


(b) 0455UT to 1000UT
ade adw cly cvw fhw hok kap kod ksr

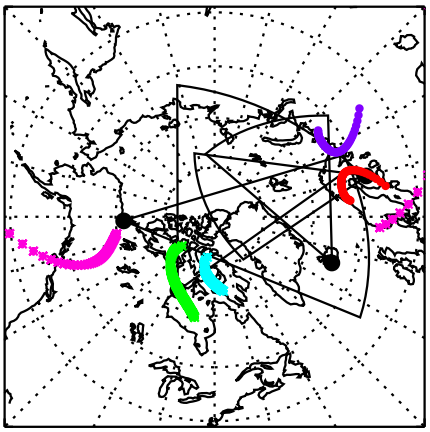


bpk tig unw

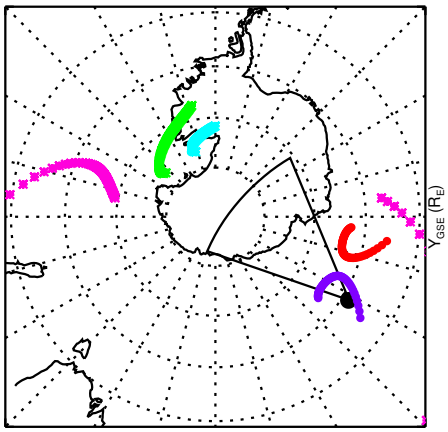


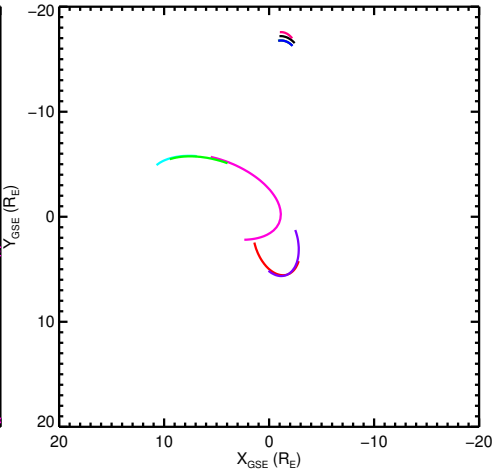


(c) 1355UT to 1900UT
han inv pyk rkn

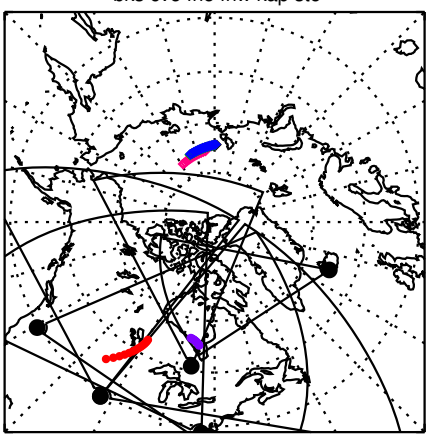


ker

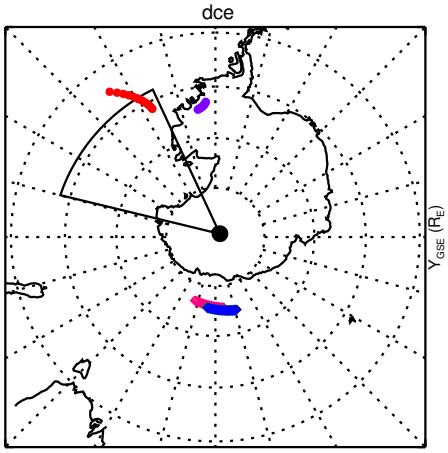


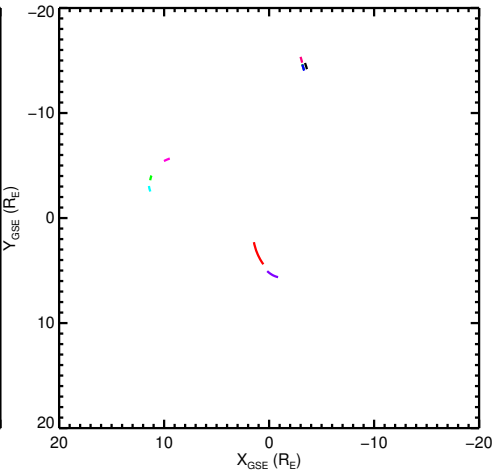


(d) 2250UT to 2355UT
bks cve fhe fhw kap sto



dce

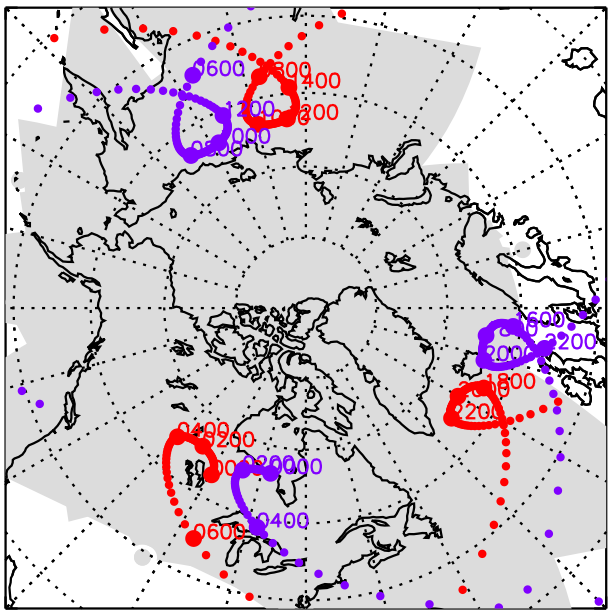


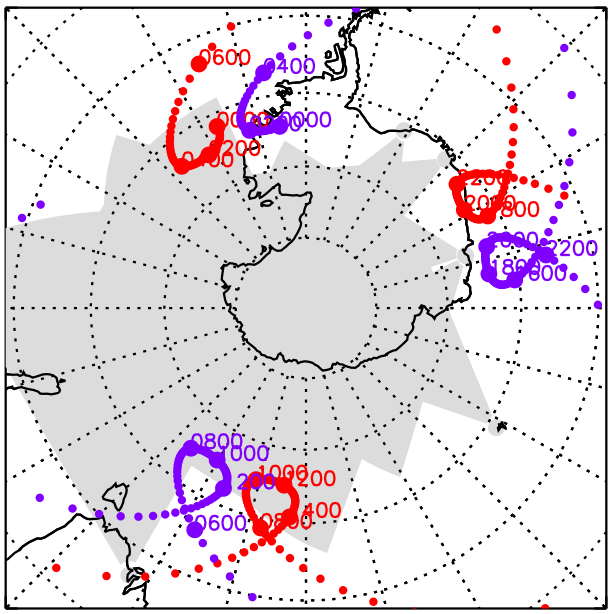


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

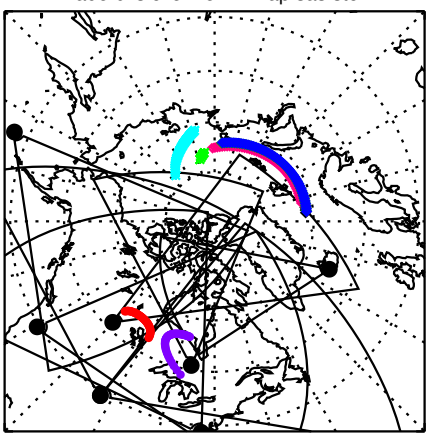
05–Jun–2015

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

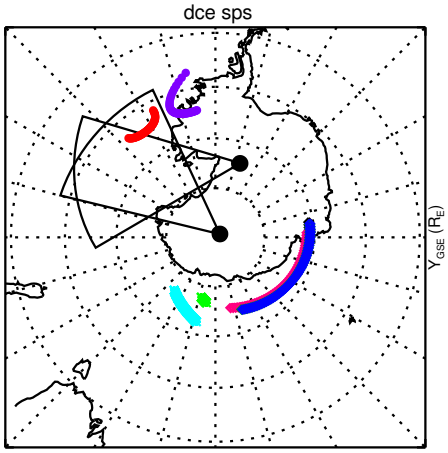


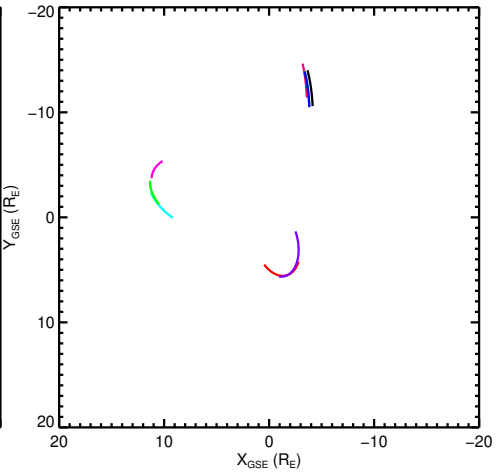


(a) 0000UT to 0400UT
ade bks cve fhe fhw kap sas sto

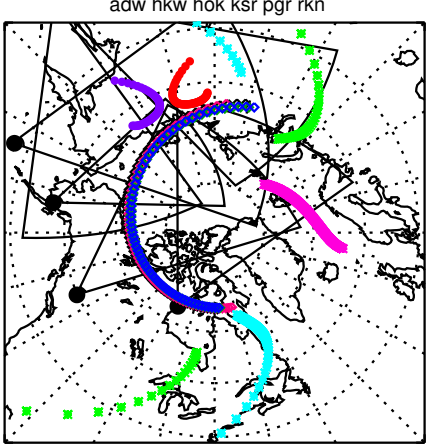


dce sps

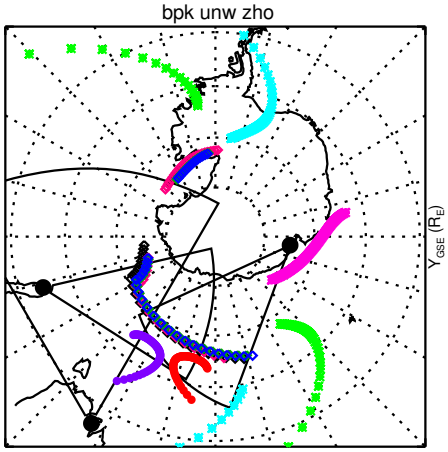


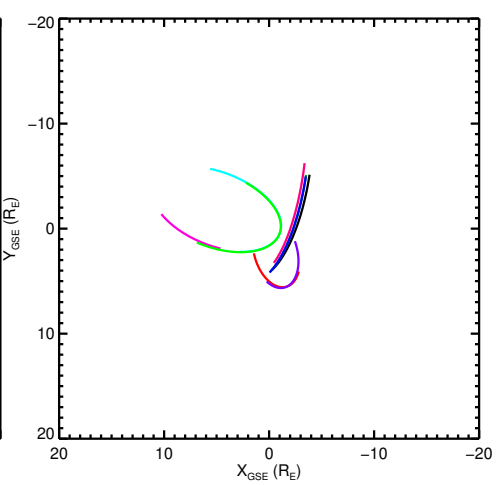


(b) 0750UT to 1305UT
adw hkw hok ksr pgr rkn

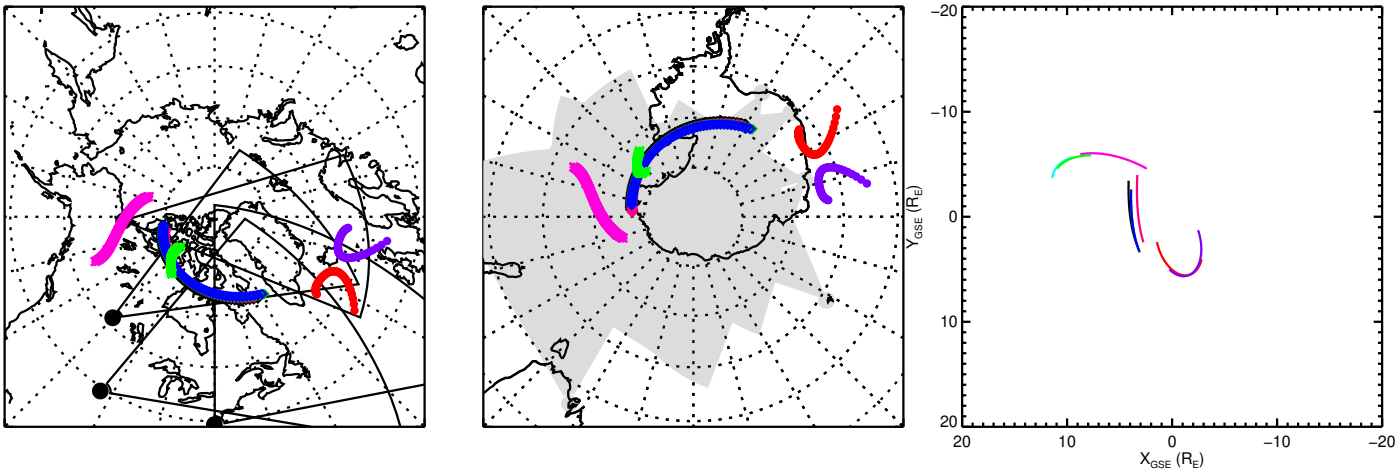


bpk unw zho





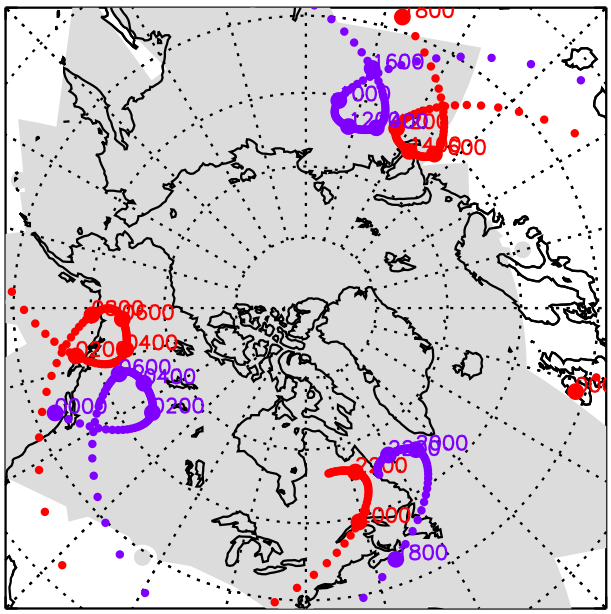
(c) 1650UT to 2205UT
fhe inv sas wal

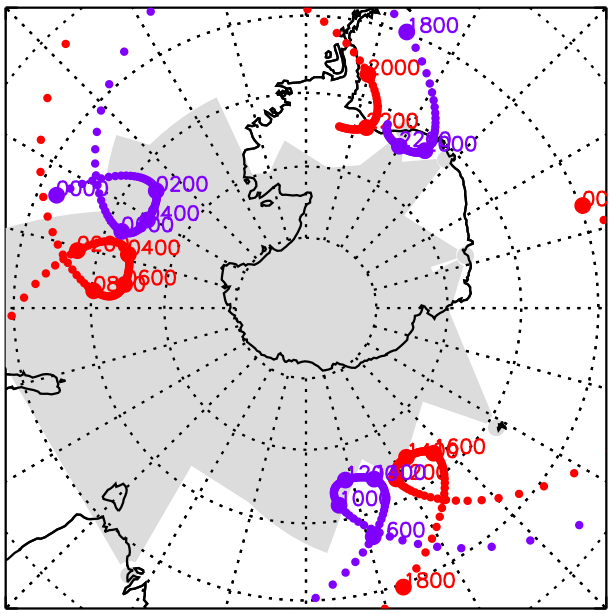


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

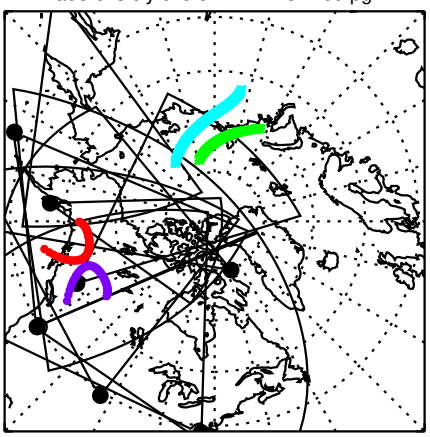
06–Jun–2015

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

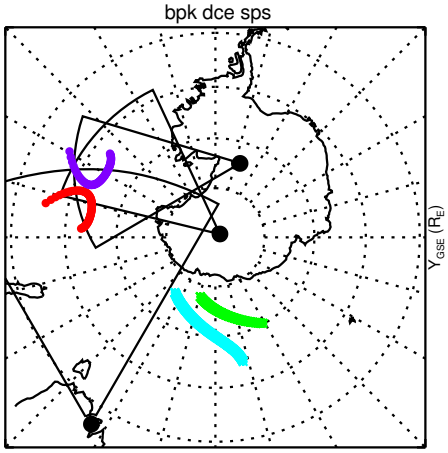


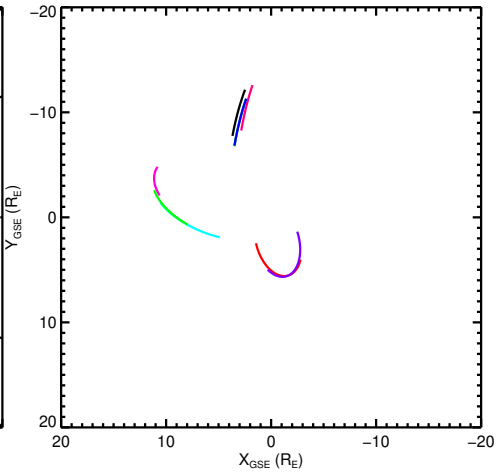


(a) 0150UT to 0705UT
ade bks cly cve cvw fhw hok kod pgr

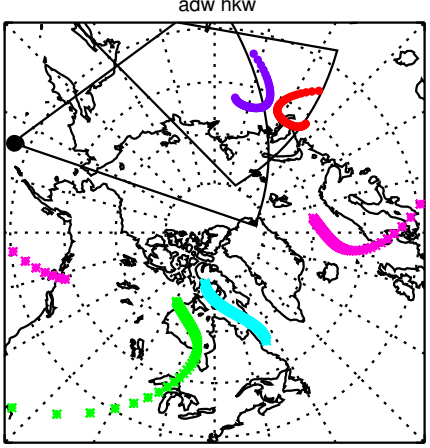


bpk dce sps

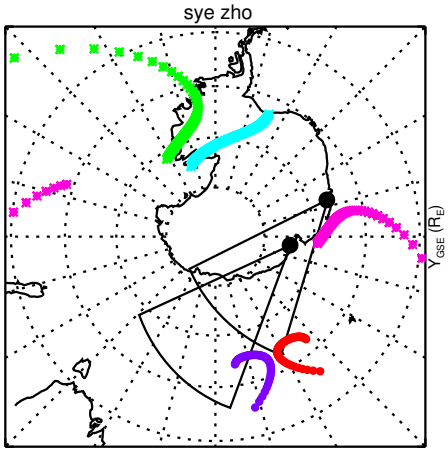


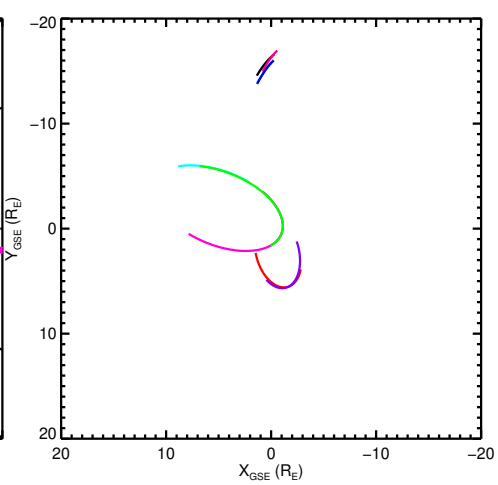


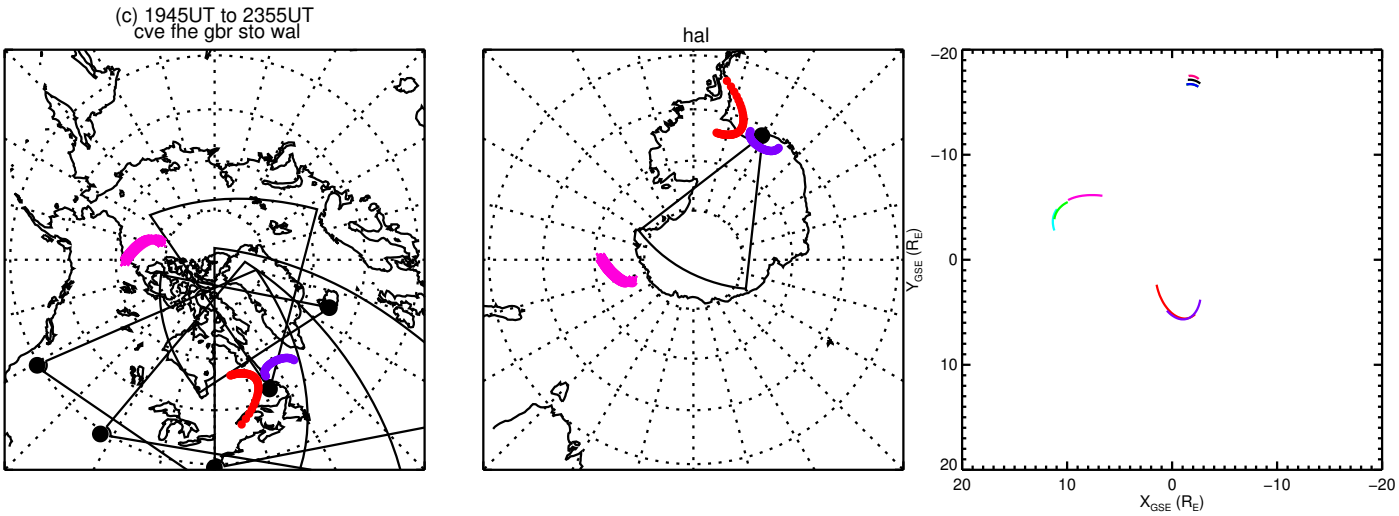
(b) 1045UT to 1610UT
adw hkw



sye zho



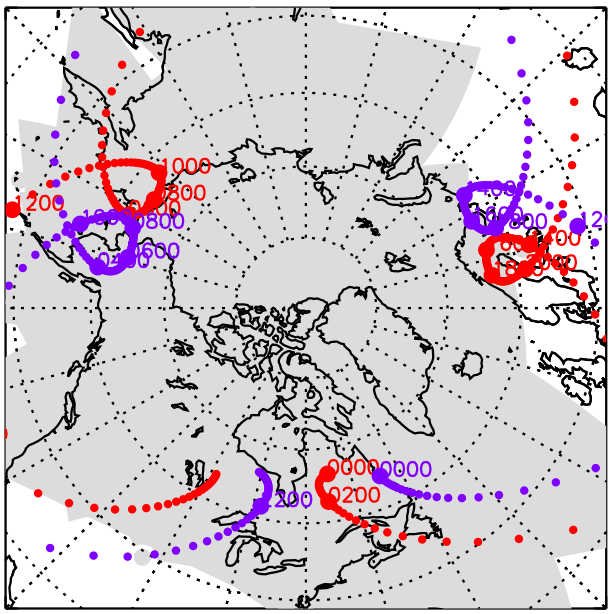


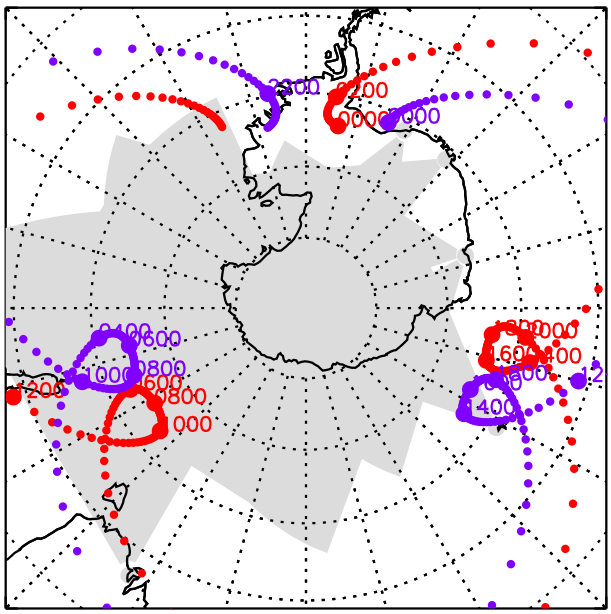

(c) 1945UT to 2355UT
cve fhe gbr sto wal
hal
−20
−10
0
10
20
Y_{GSE} (R_E)
20
10
0
−10
−20
X_{GSE} (R_E)

Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

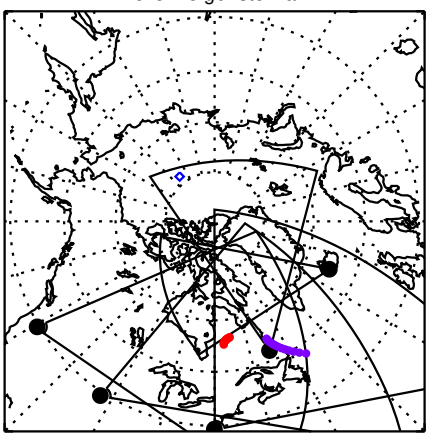
07–Jun–2015

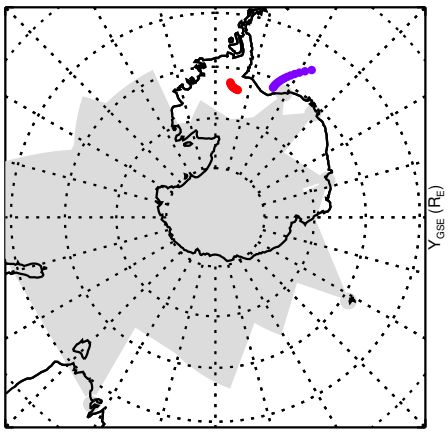
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

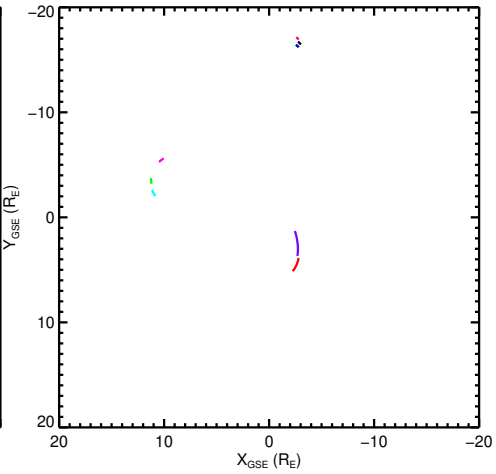




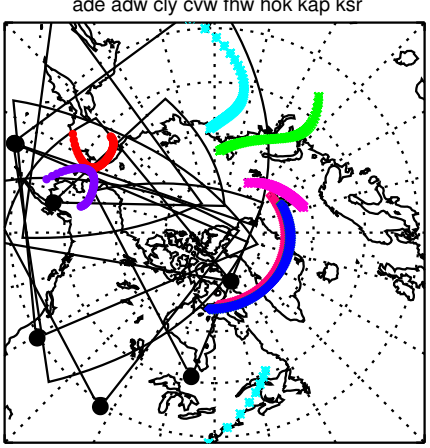
(a) 0000UT to 0110UT
cve fhe gbr sto wal



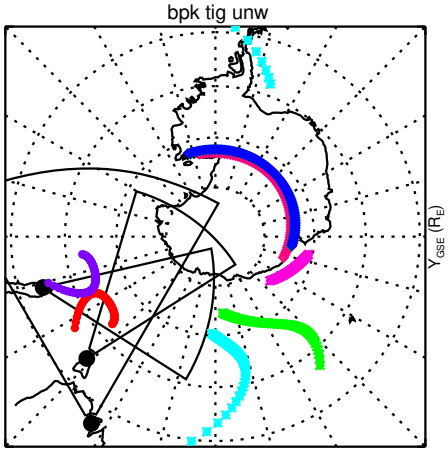


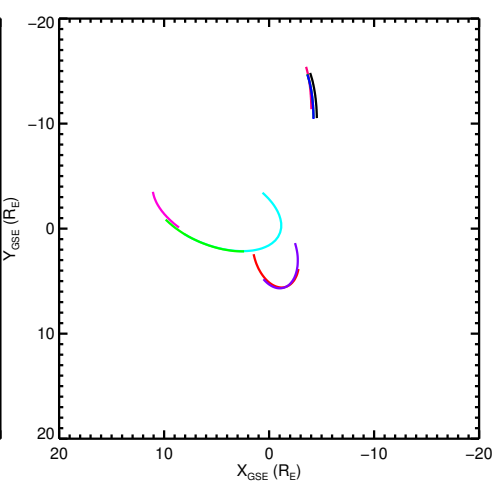


(b) 0445UT to 1010UT
ade adw cly cvw fhw hok kap ksr

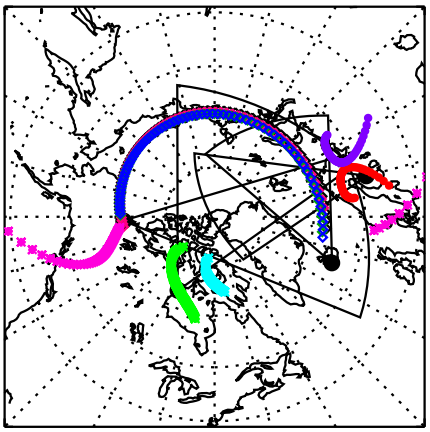


bpk tig unw

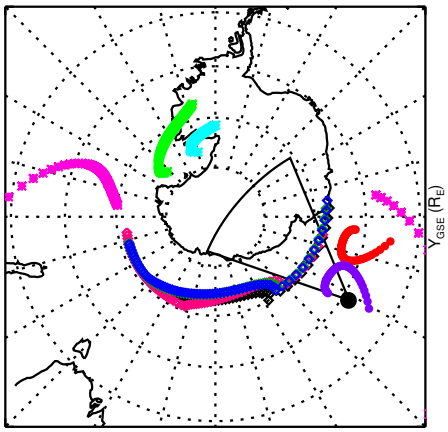


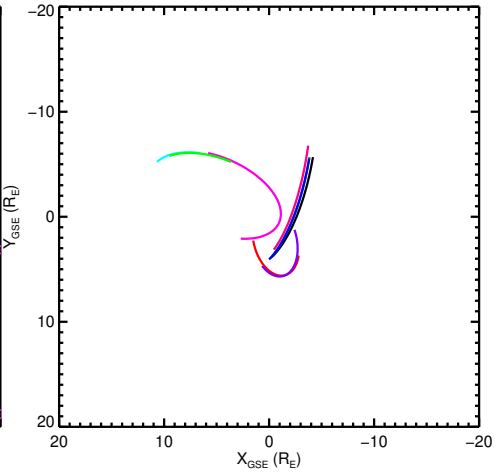


(c) 1340UT to 1915UT
han inv pyk rkn

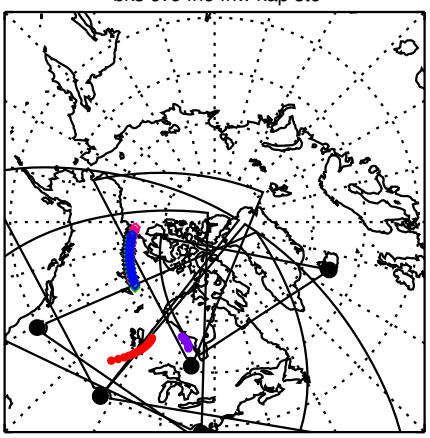


ker

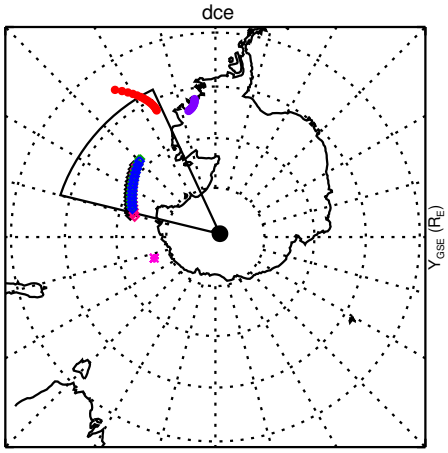


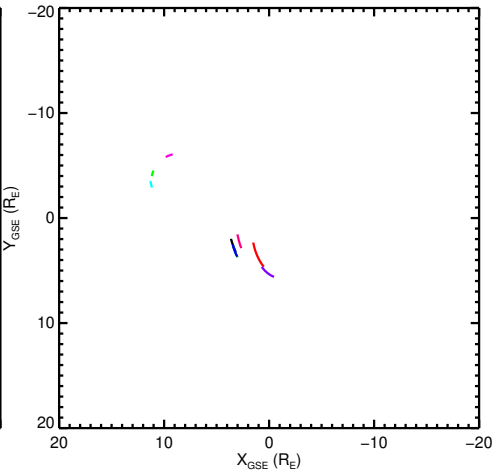


(d) 2240UT to 2355UT
bks cve fhe fhw kap sto



dce

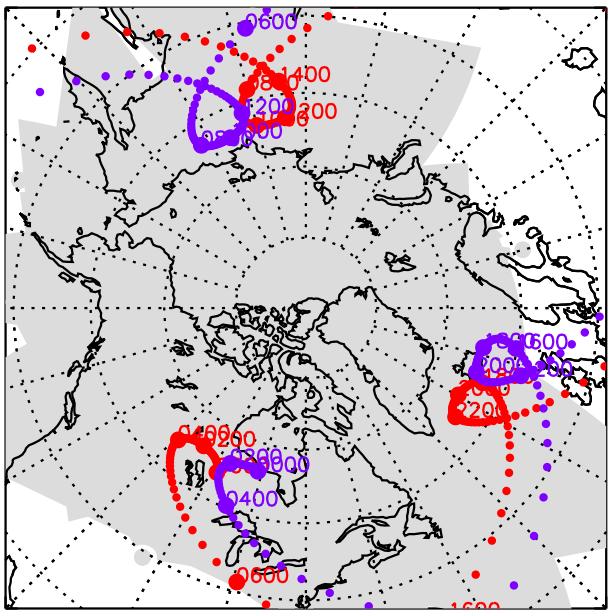


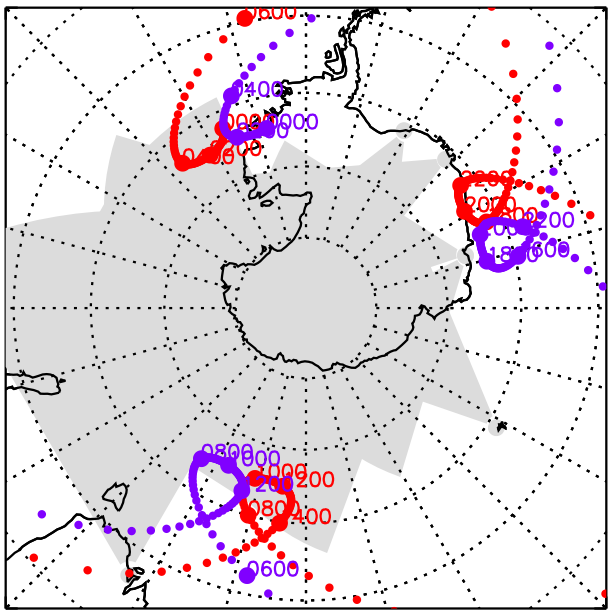


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

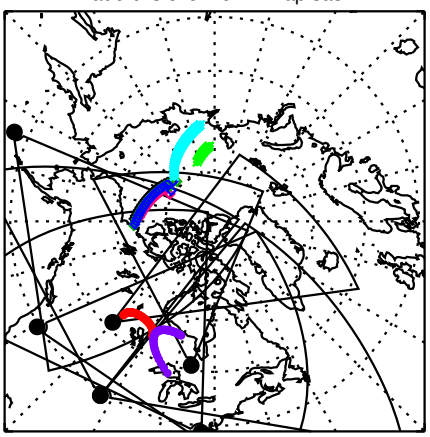
08–Jun–2015

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

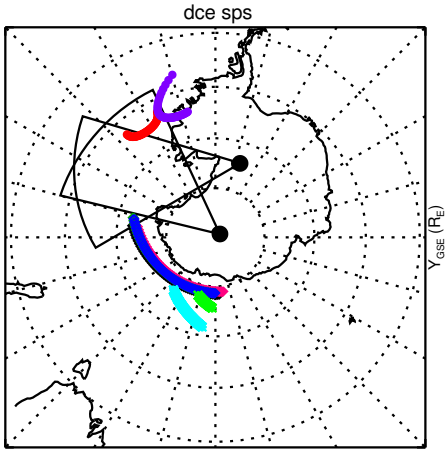


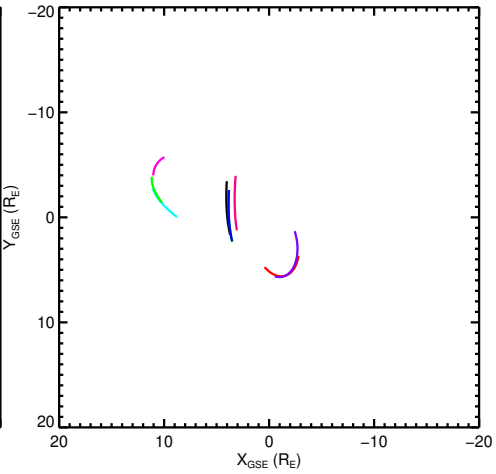


(a) 0000UT to 0415UT
ade bks cve fhe fhw kap sas

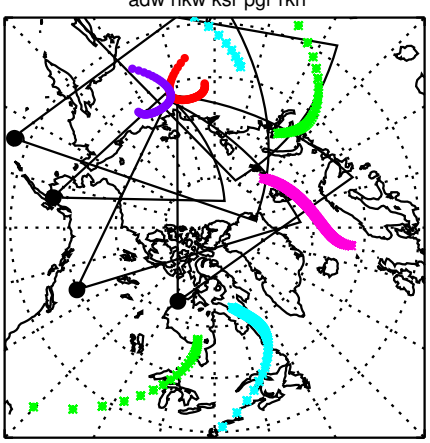


dce sps

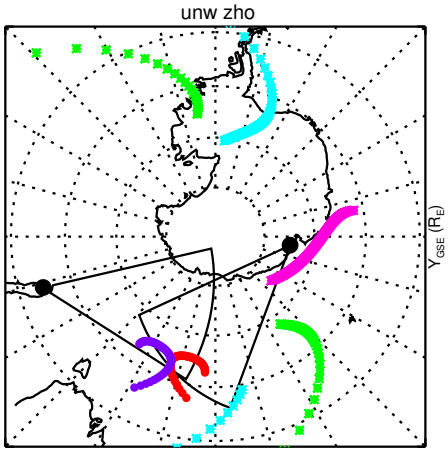


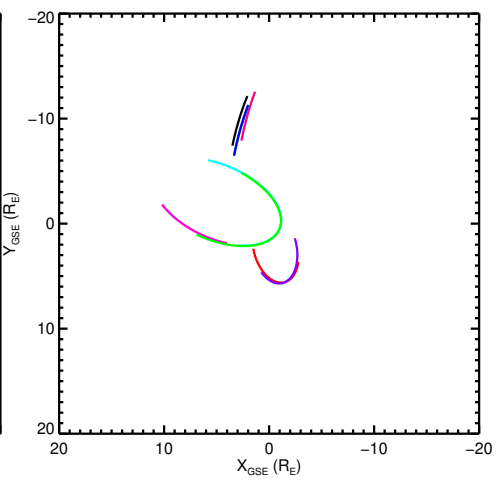


(b) 0740UT to 1315UT
adw hkw ksr pgr rkn

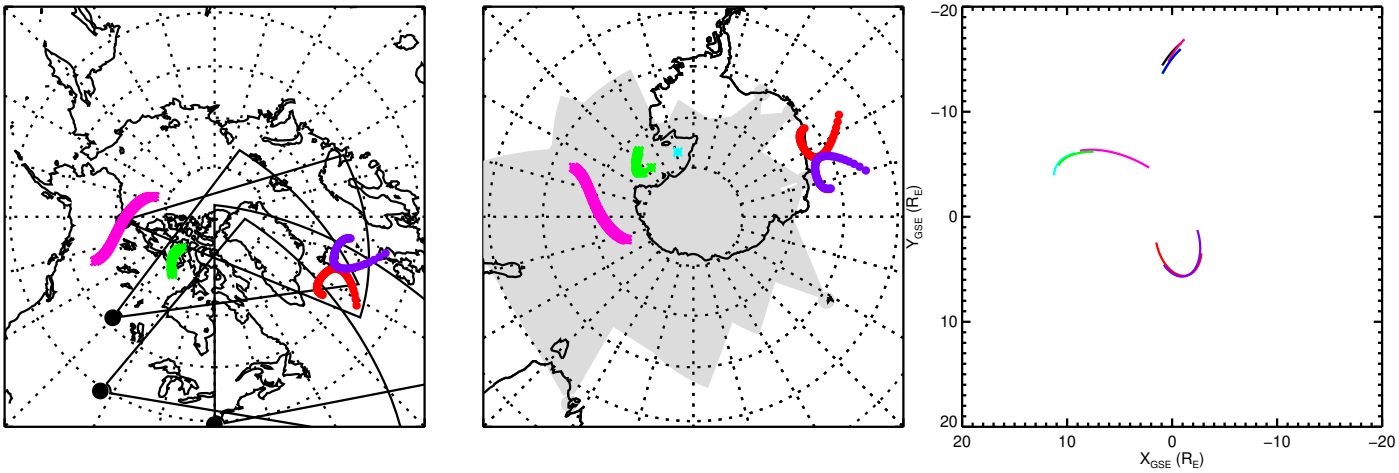


unw zho





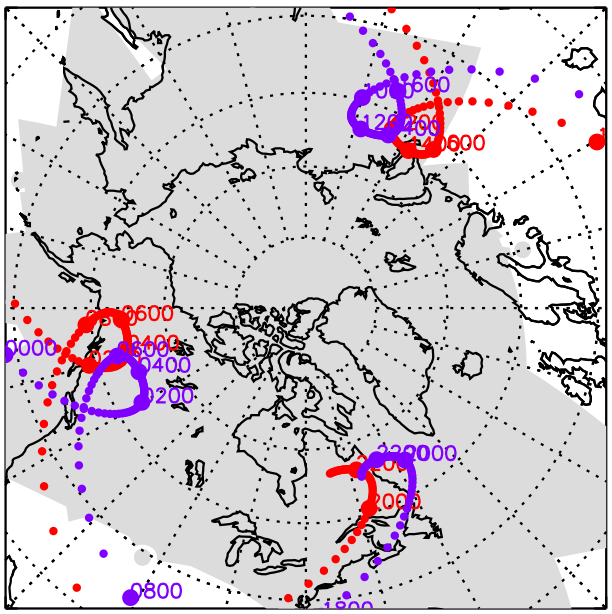
(c) 1640UT to 2220UT
fhe inv sas wal

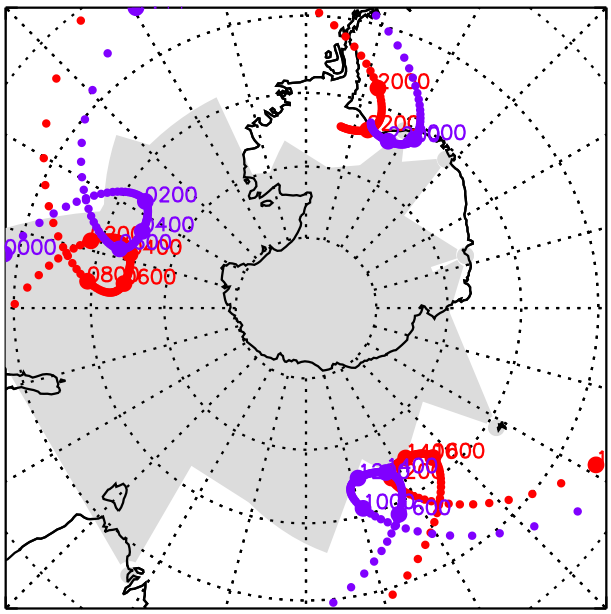


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

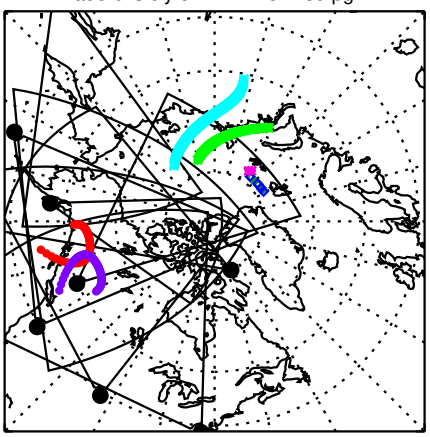
09–Jun–2015

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

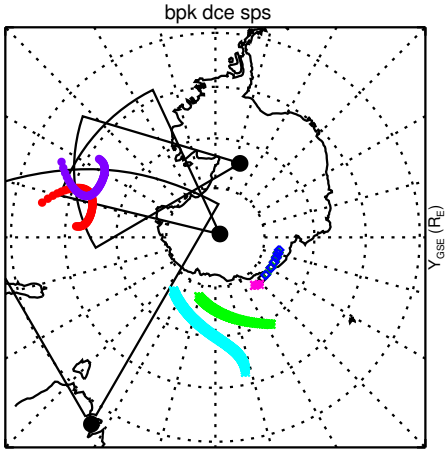


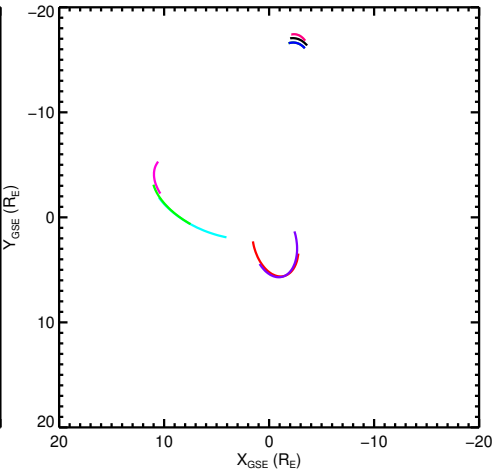


(a) 0135UT to 0720UT
ade bks cly cvw fhw hok kod pgr

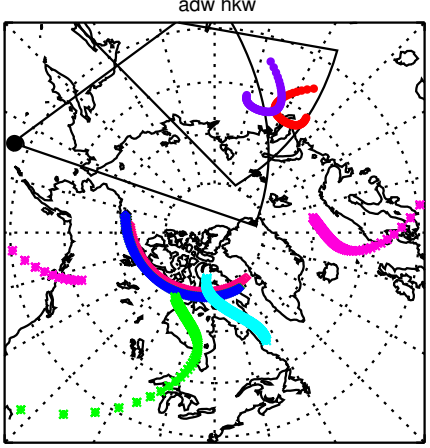


bpk dce sps

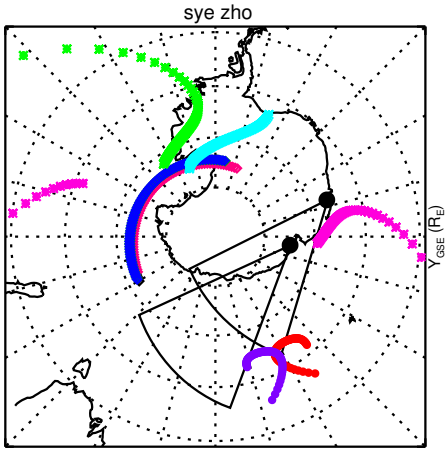


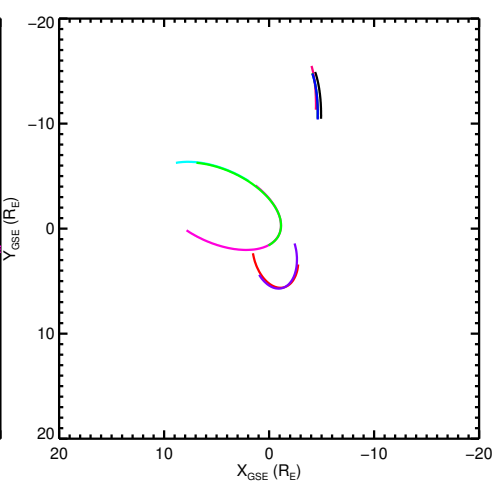


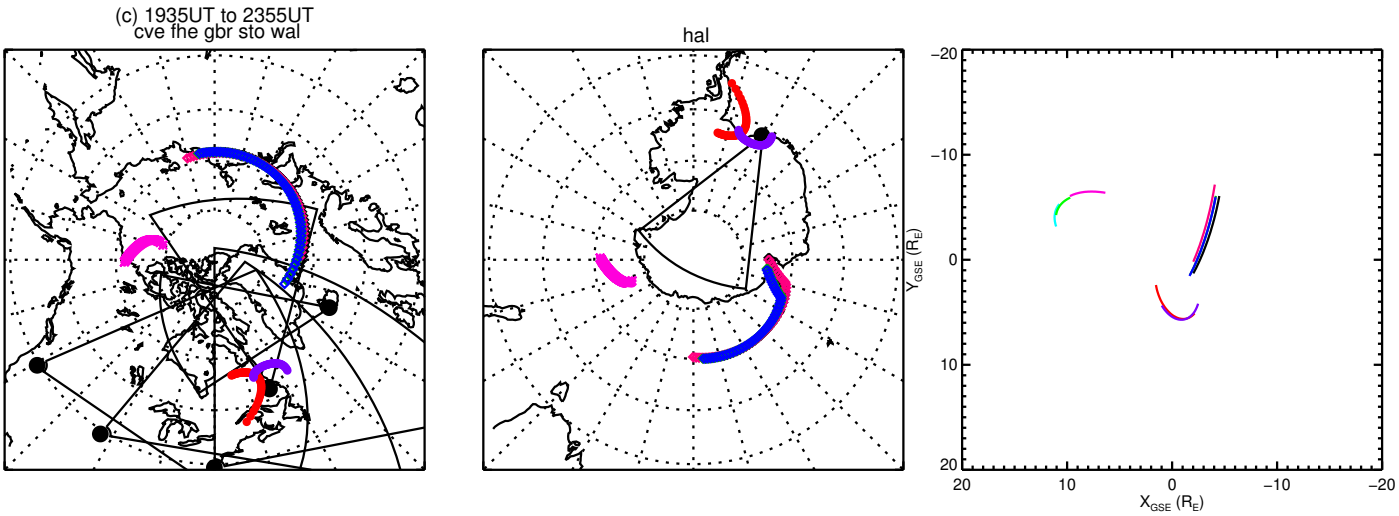
(b) 1035UT to 1620UT
adw hkw



sye zho



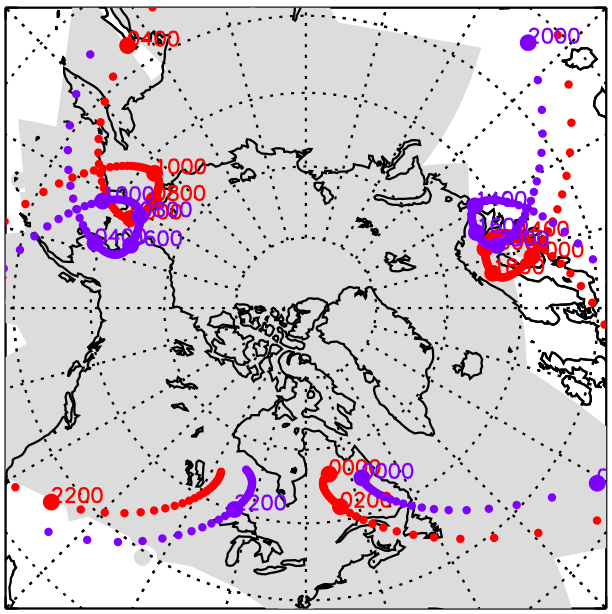


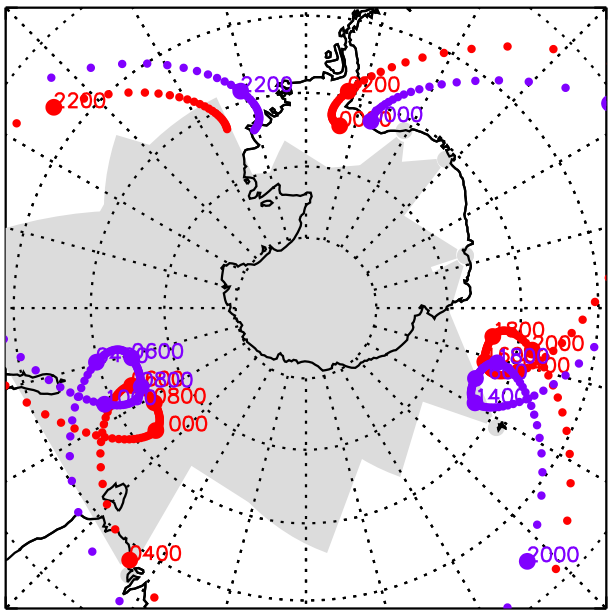

(c) 1935UT to 2355UT
cve fhe gbr sto wal
hal
−20
−10
0
10
20
Y_{GSE} (R_E)
20
10
0
−10
−20
X_{GSE} (R_E)

Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

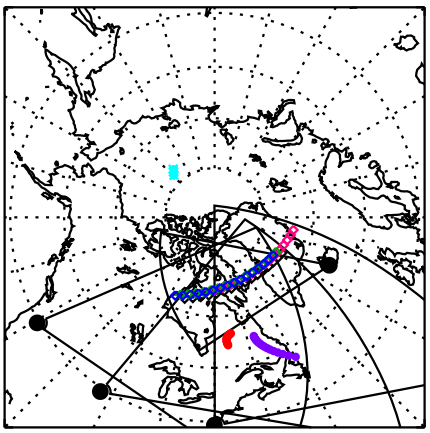
10–Jun–2015

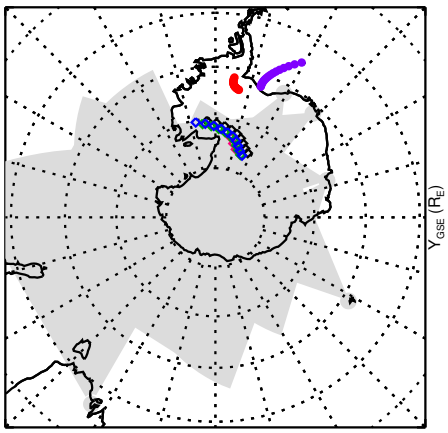
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

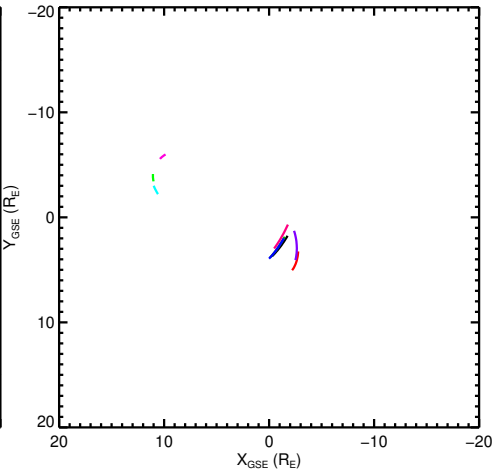




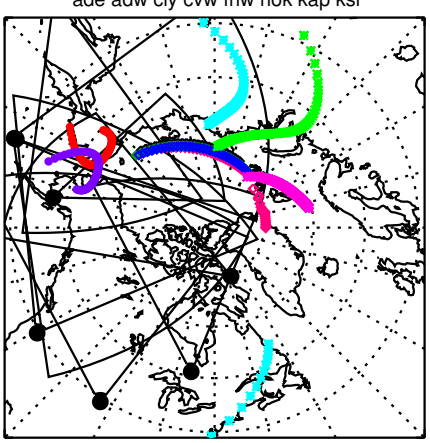
(a) 0000UT to 0125UT
cve fhe sto wal



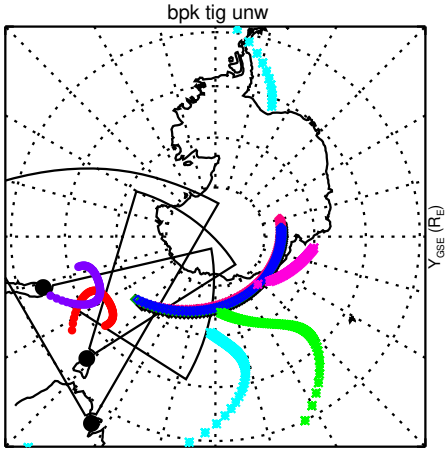


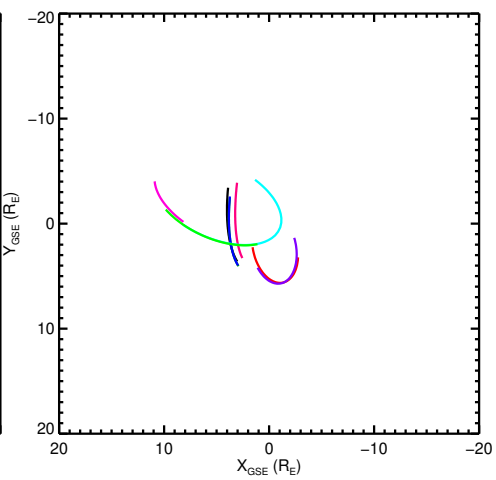


(b) 0430UT to 1025UT
ade adw cly cvw fhw hok kap ksr

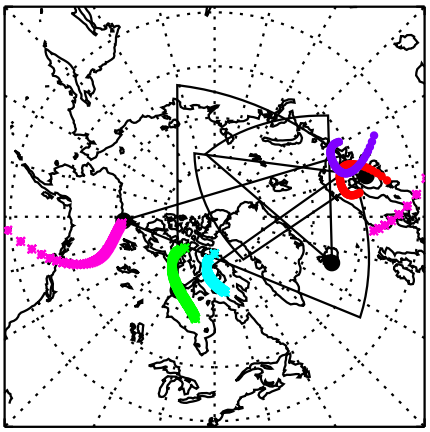


bpk tig unw

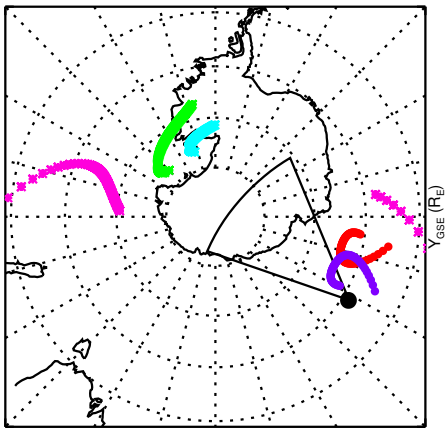


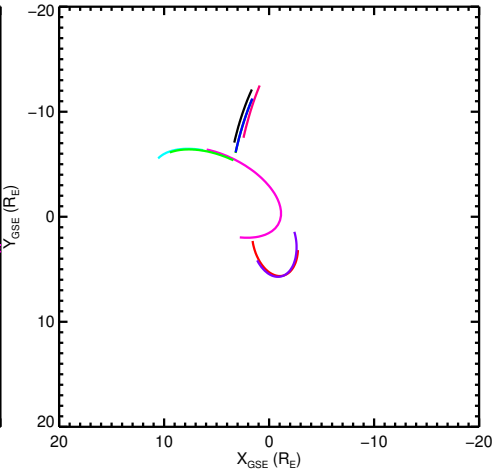


(c) 1330UT to 1925UT
han inv pyk rkn

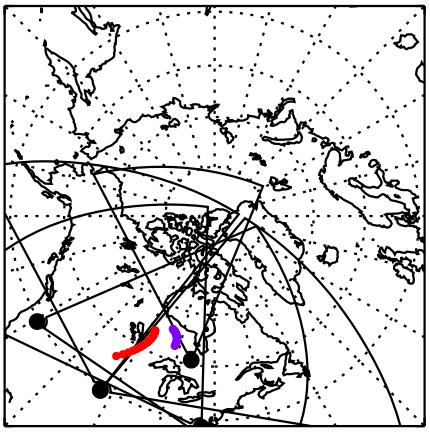


ker

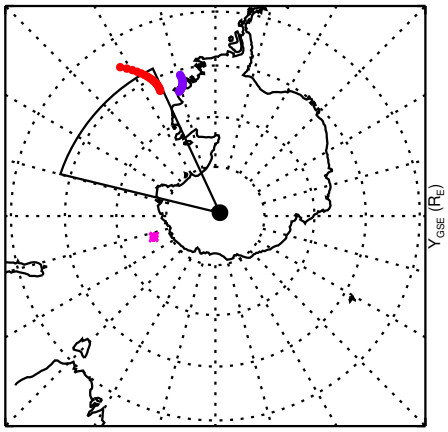


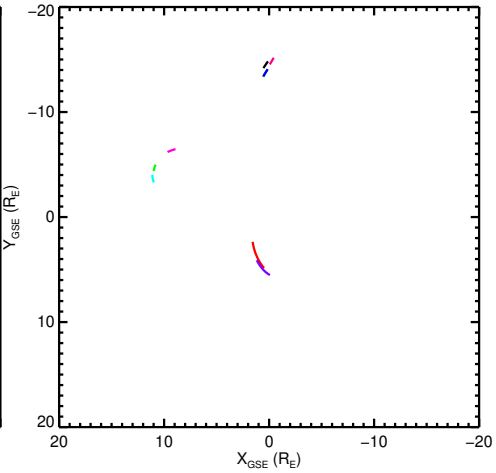


(d) 2230UT to 2355UT
bks cve fhe fhw kap



dce

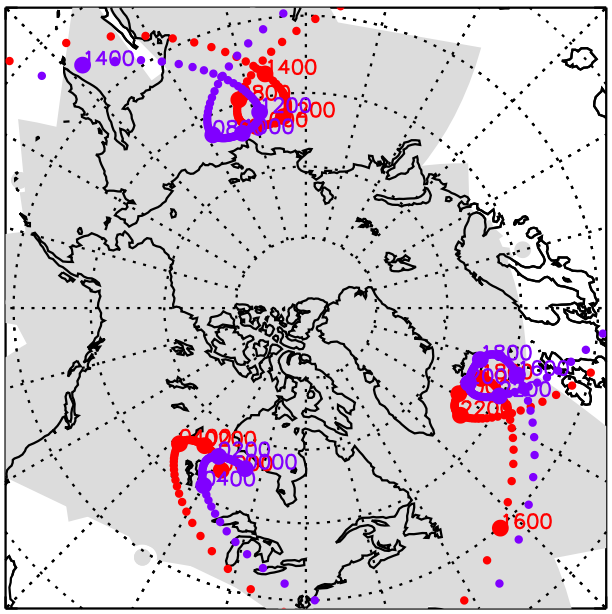


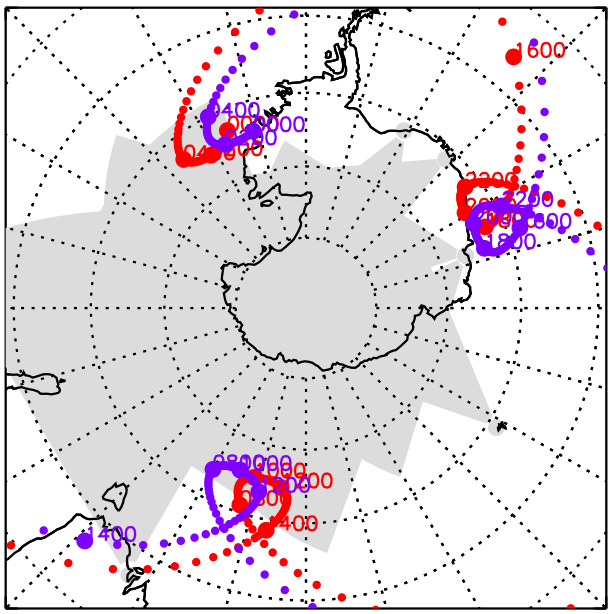


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

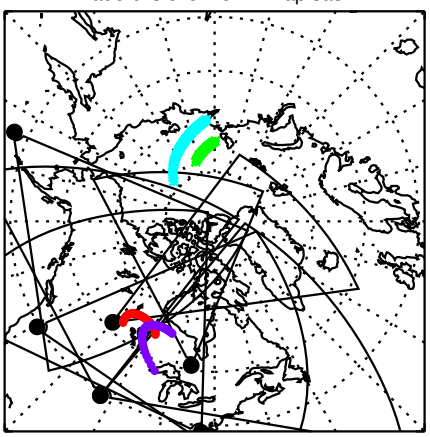
11–Jun–2015

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

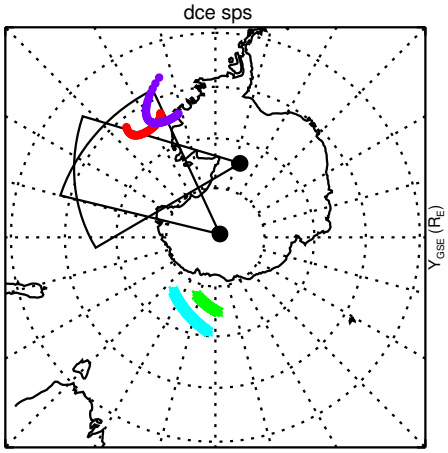


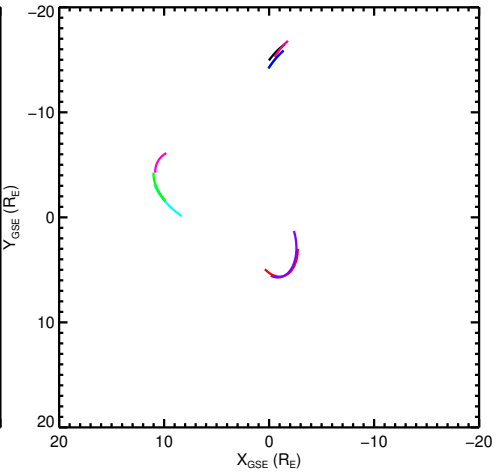


(a) 0000UT to 0430UT
ade bks cve fhe fhw kap sas

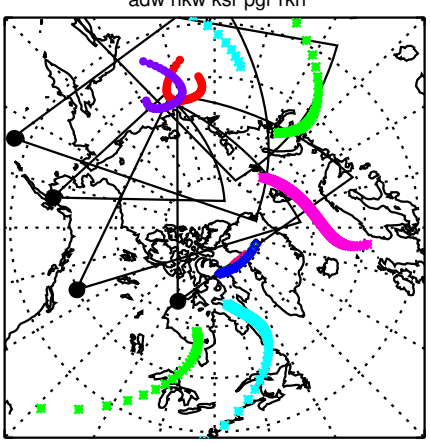


dce sps

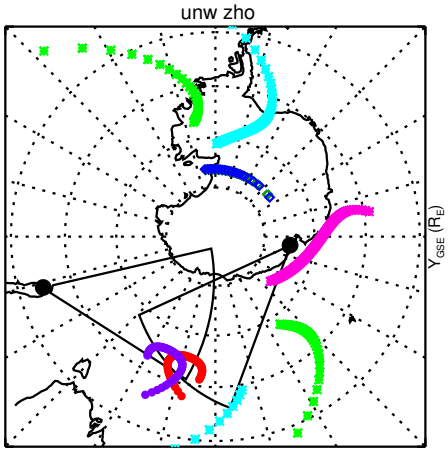


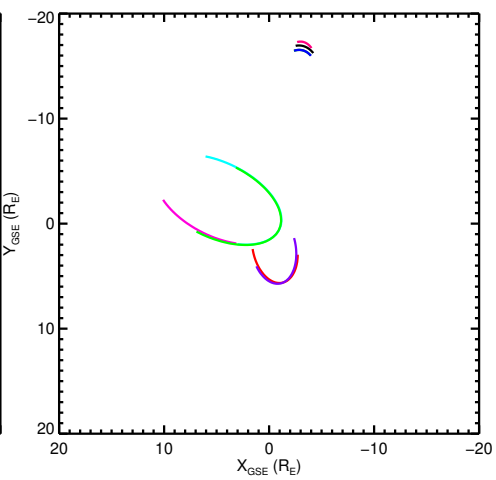


(b) 0730UT to 1330UT
adw hkw ksr pgr rkn

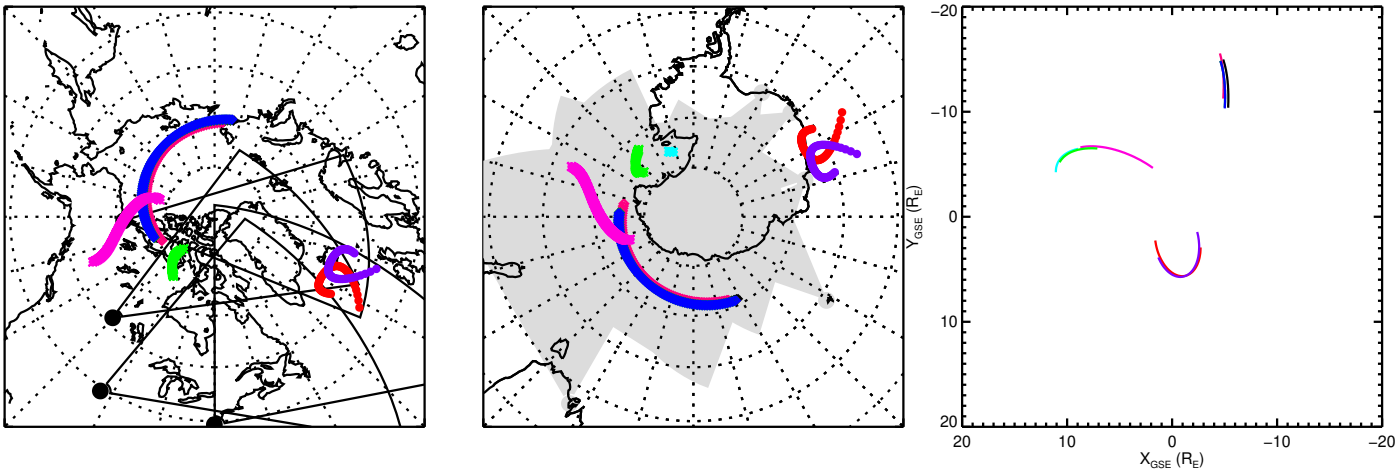


unw zho





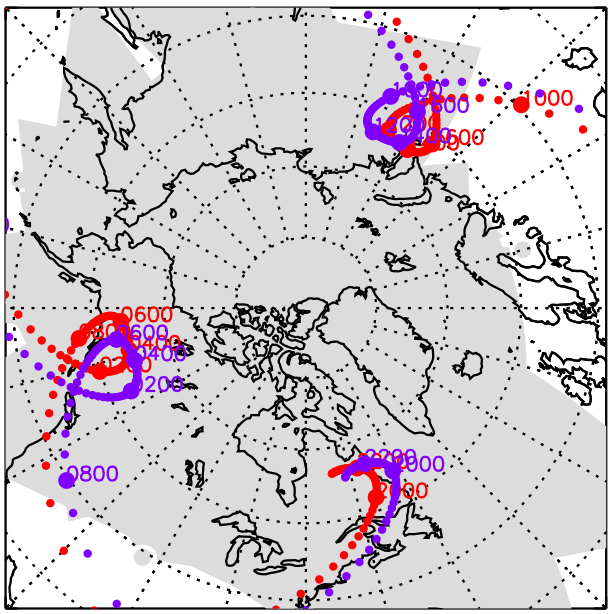
(c) 1625UT to 2230UT
fhe inv sas wal

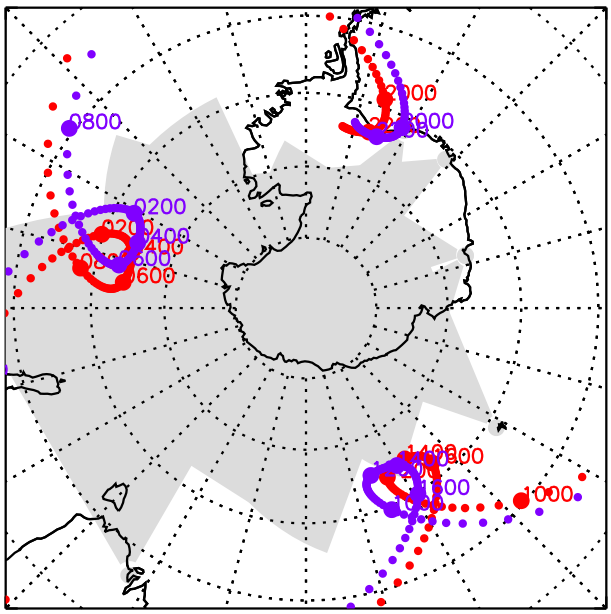


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

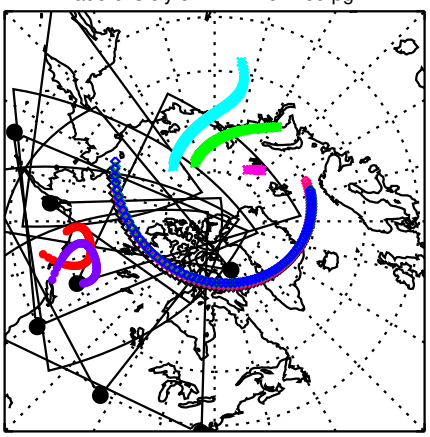
12–Jun–2015

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

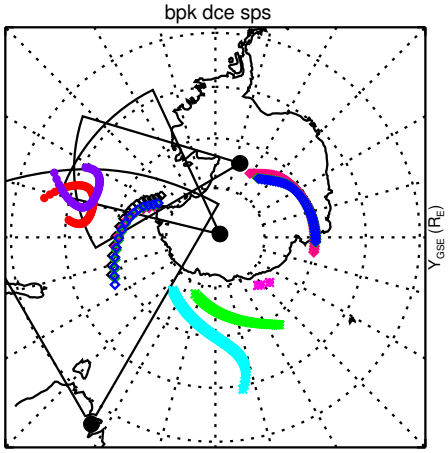


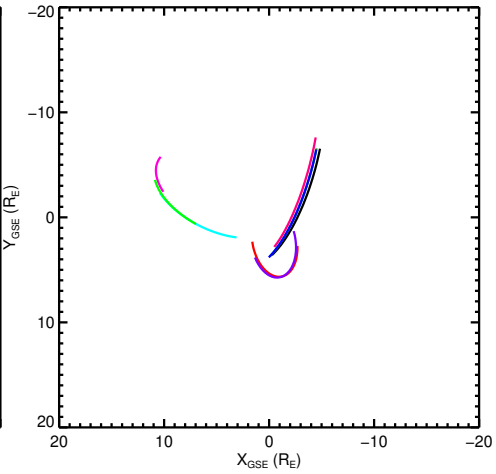


(a) 0125UT to 0735UT
ade bks cly cvw fhw hok kod pgr

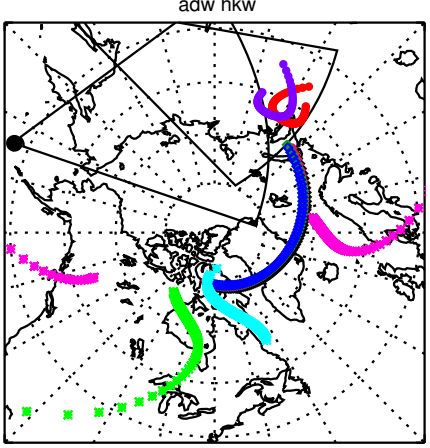


bpk dce sps

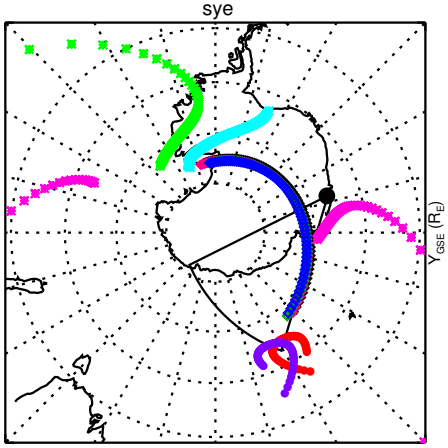


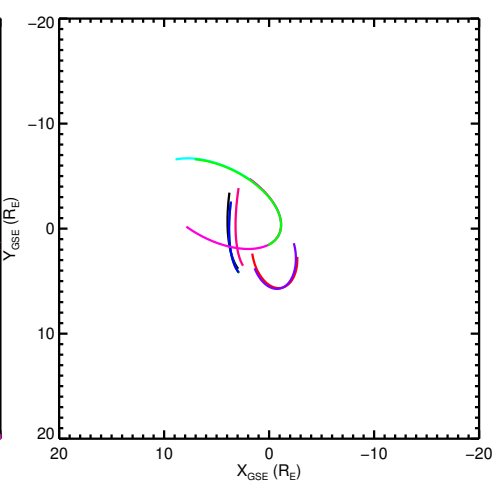


(b) 1025UT to 1635UT
adw hkw

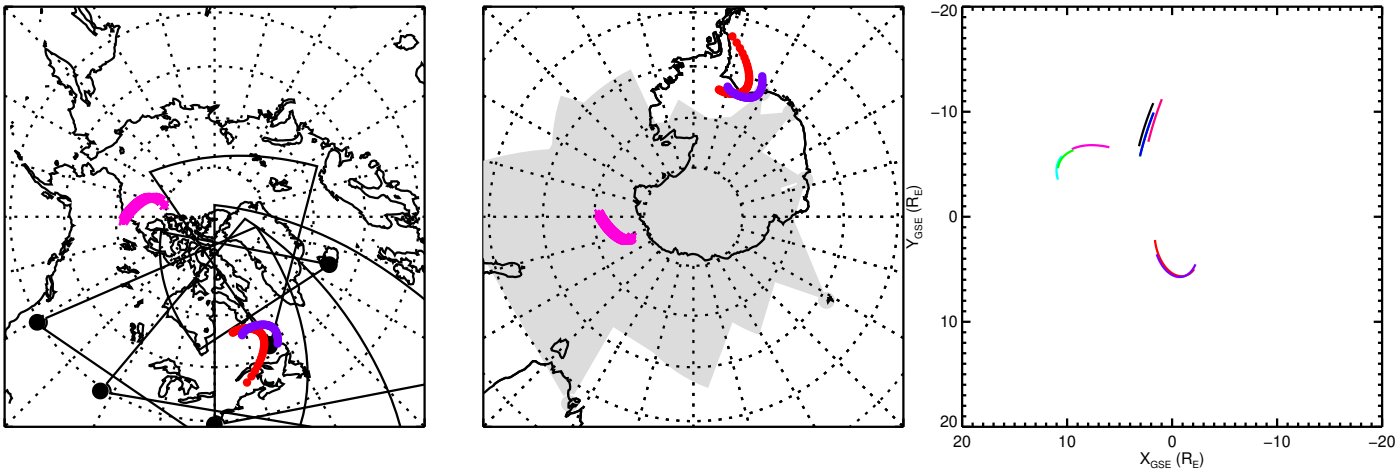


sye





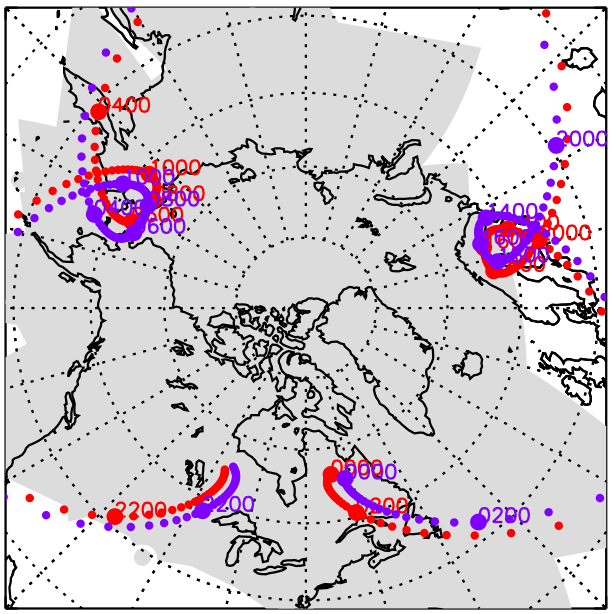
(c) 1920UT to 2355UT
cve fhe gbr sto wal

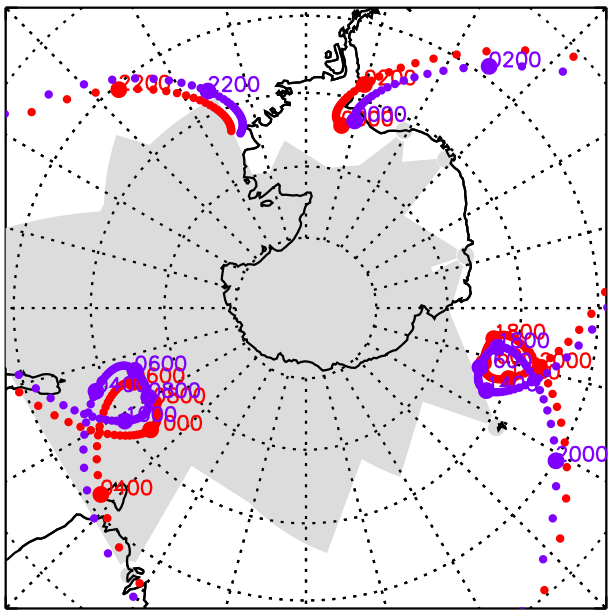


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

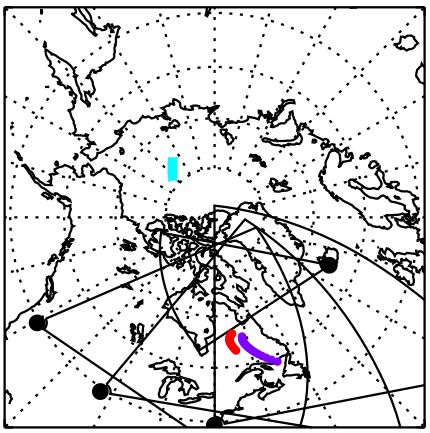
13–Jun–2015

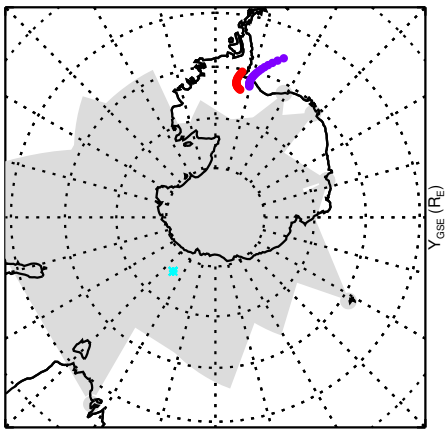
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

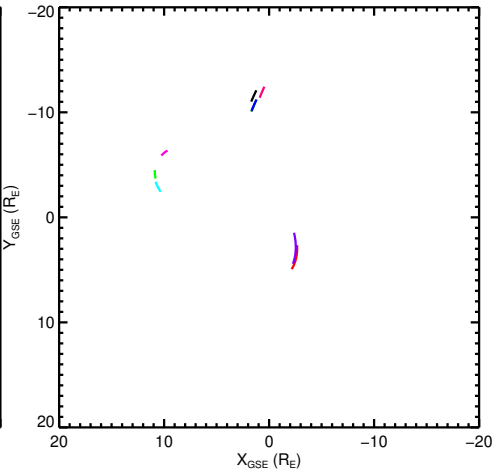




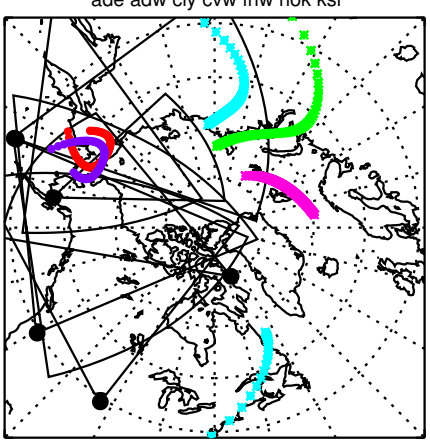
(a) 0000UT to 0135UT
cve fhe sto wal



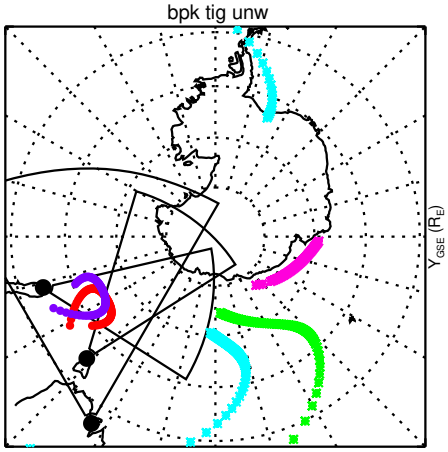


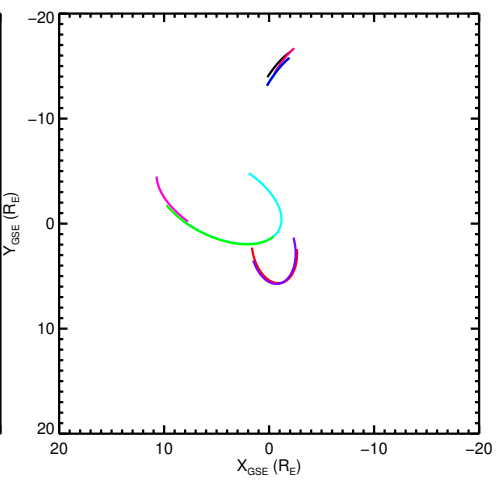


(b) 0420UT to 1040UT
ade adw cly cvw fhw hok ksr

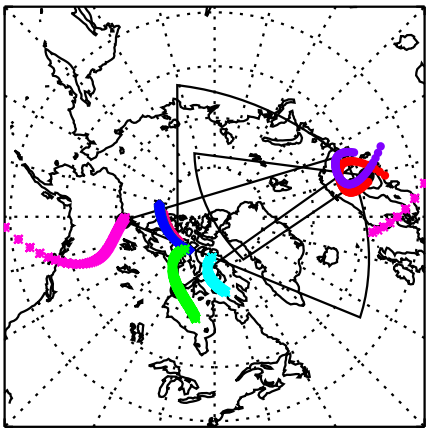


bpk tig unw





(c) 1320UT to 1940UT
han inv rkn



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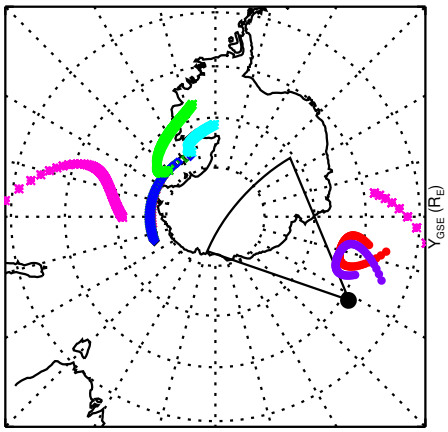
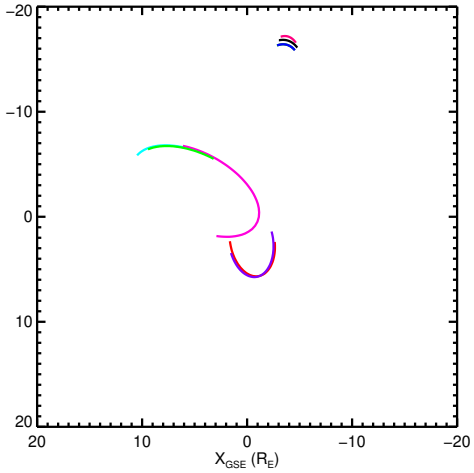
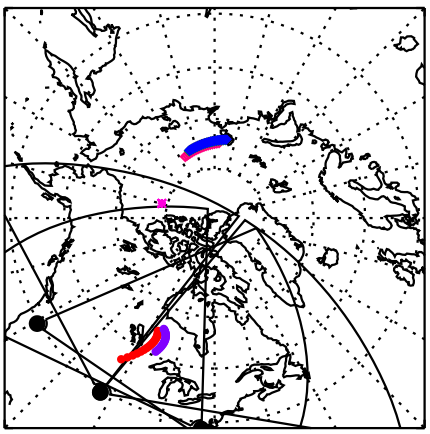
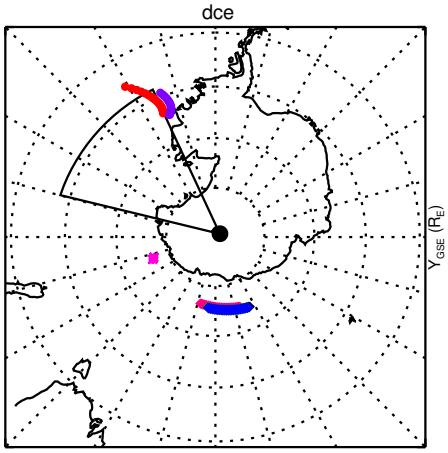


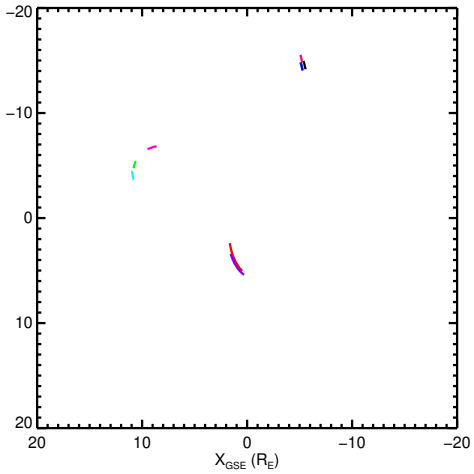


(d) 2220UT to 2355UT
bks cve fhe fhw



dce

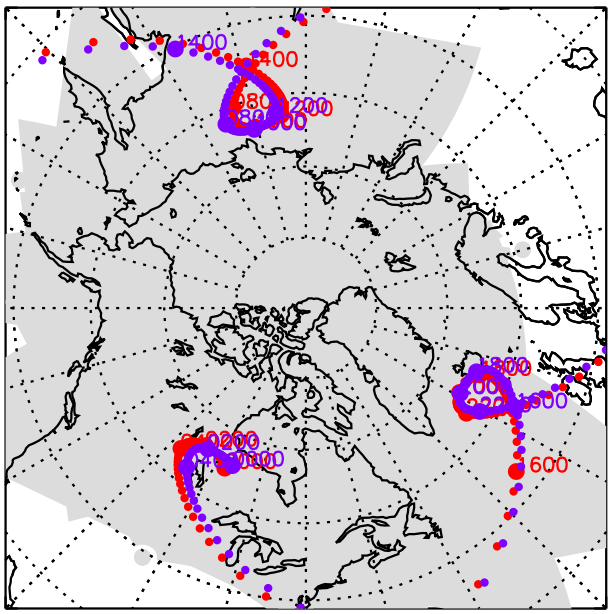


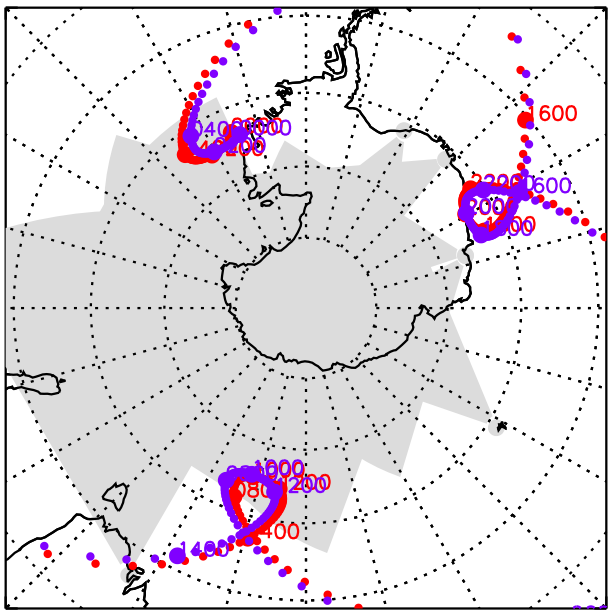


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

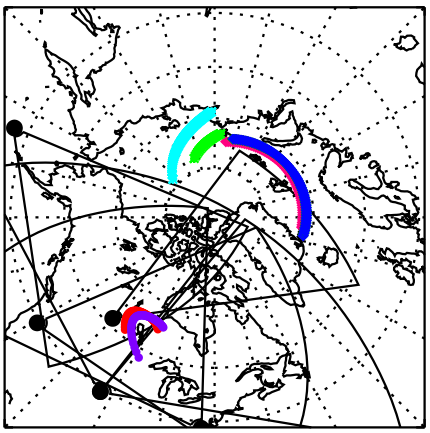
14–Jun–2015

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

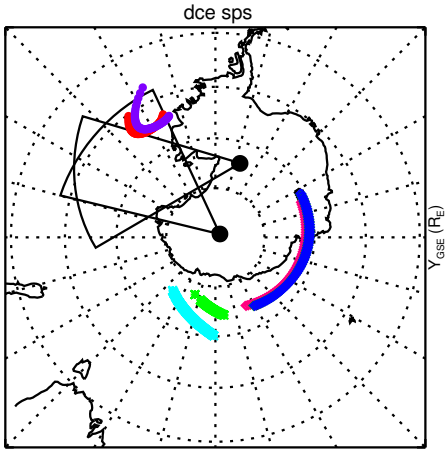


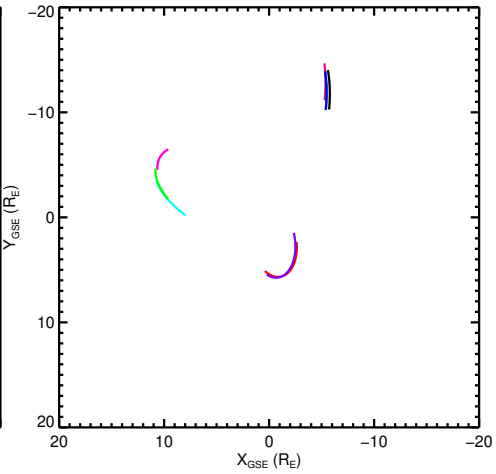


(a) 0000UT to 0440UT
ade bks cve fhe fhw sas

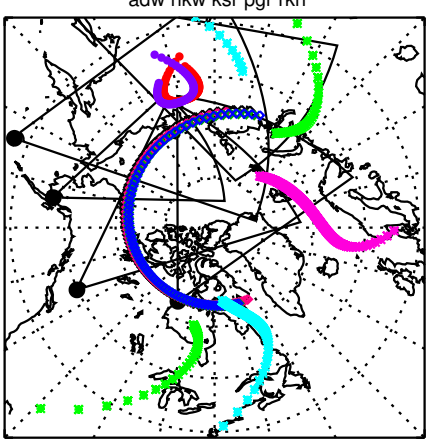


dce sps

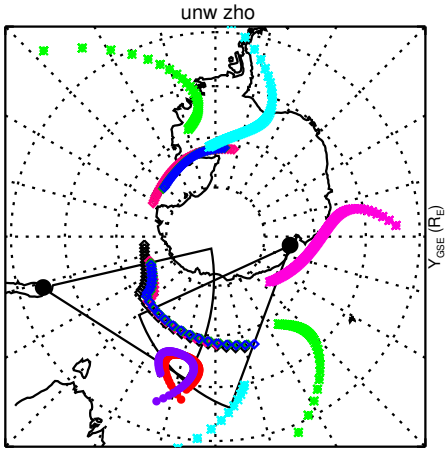


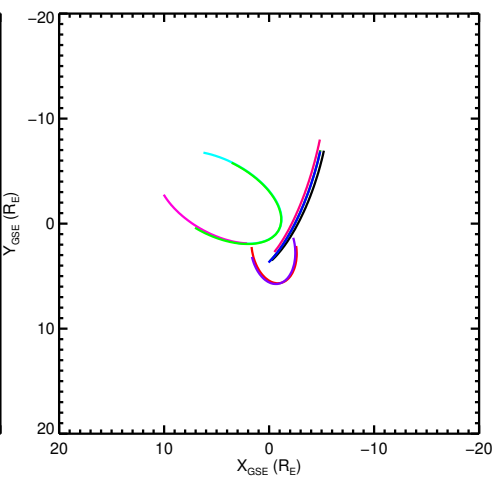


(b) 0715UT to 1345UT
adw hkw ksr pgr rkn

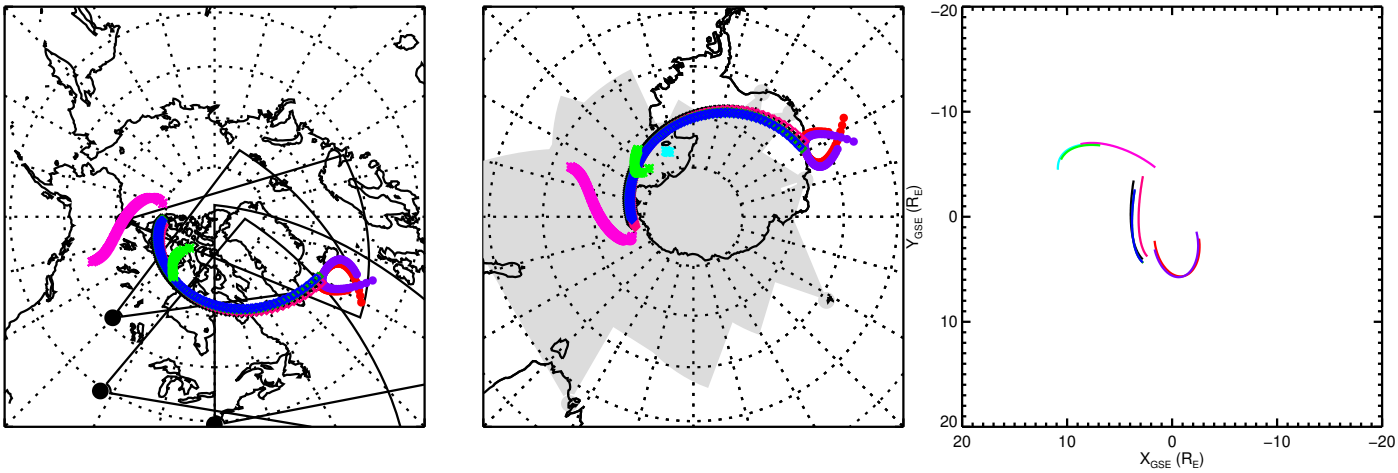


unw zho





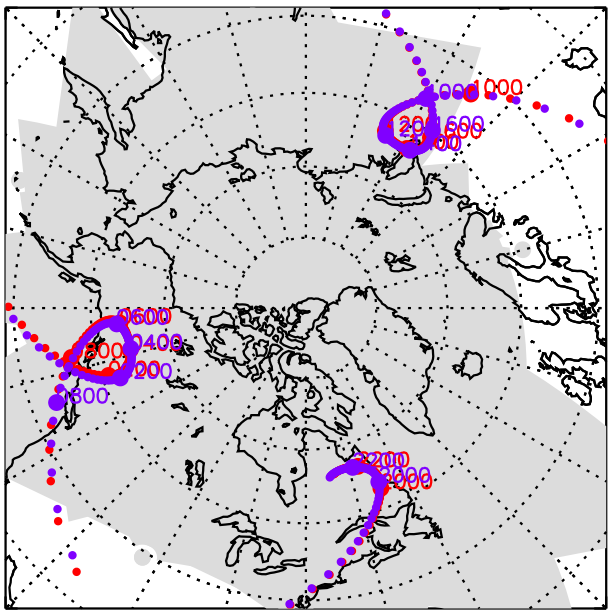
(c) 1615UT to 2245UT
fhe inv sas wal

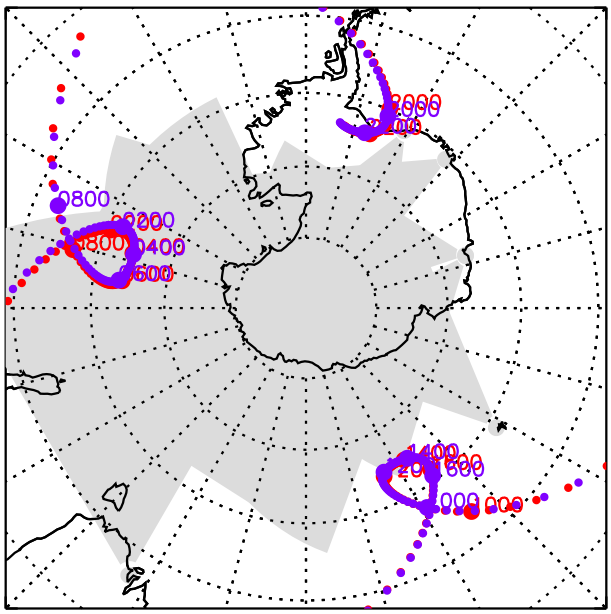


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

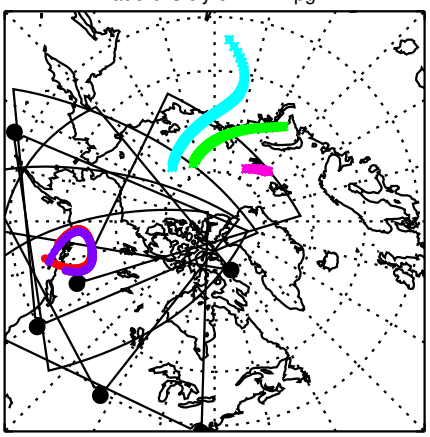
15–Jun–2015

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

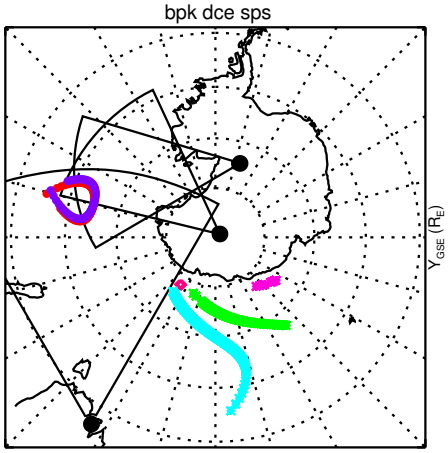


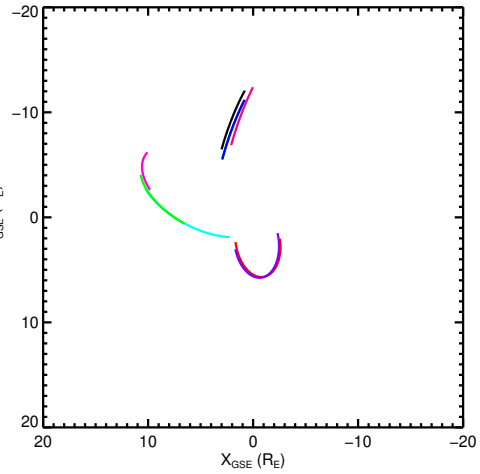


(a) 0115UT to 0745UT
ade bks cly cvw fhw pgr

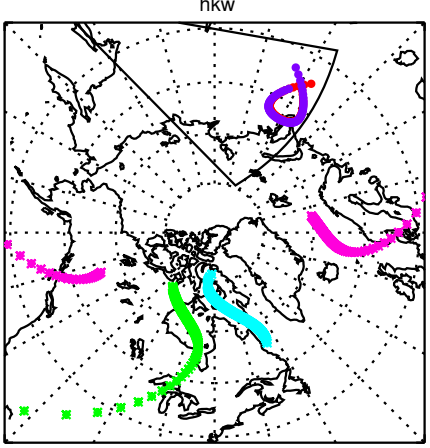


bpk dce sps

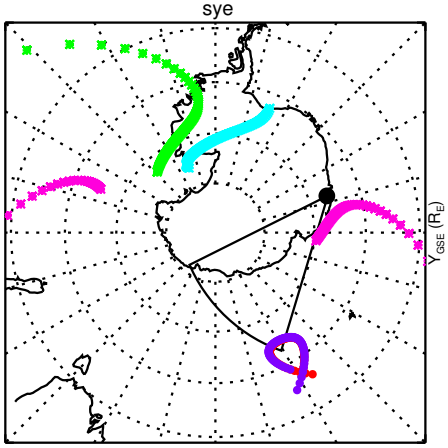


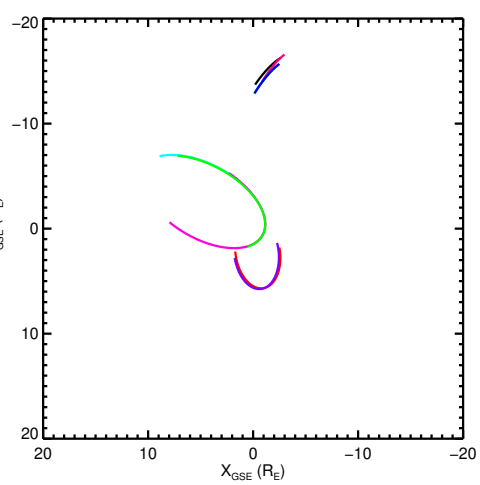


(b) 1010UT to 1650UT
hkw

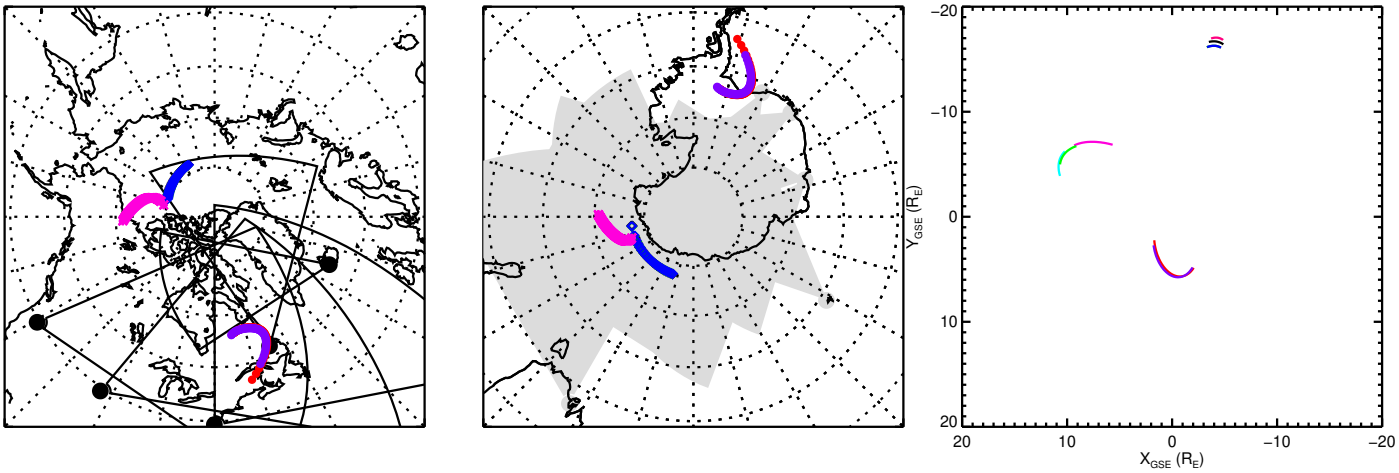


sye





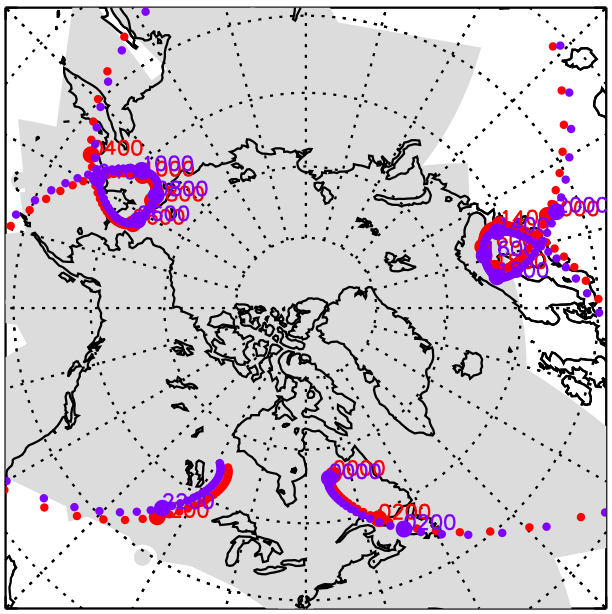
(c) 1910UT to 2355UT
cve fhe gbr sto wal

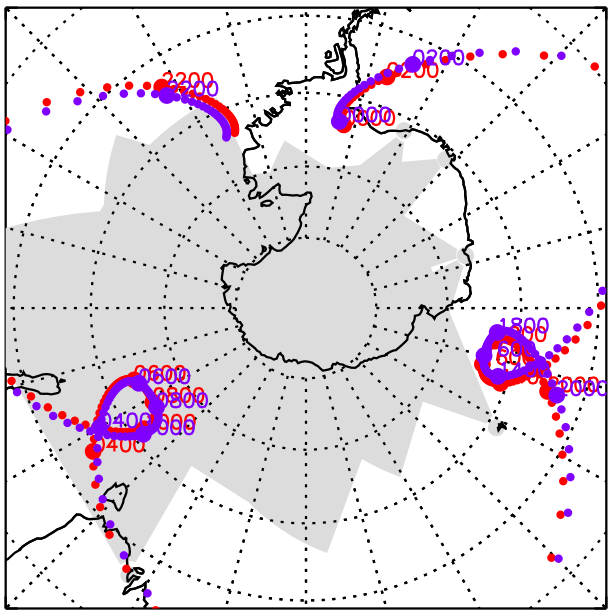


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

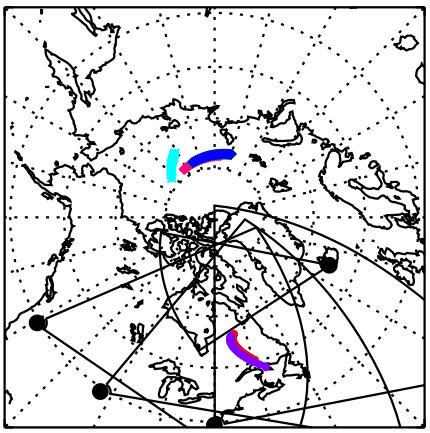
16–Jun–2015

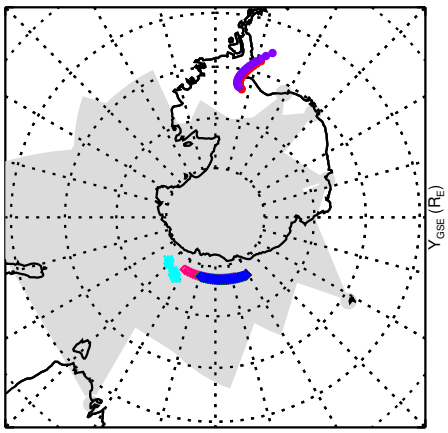
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

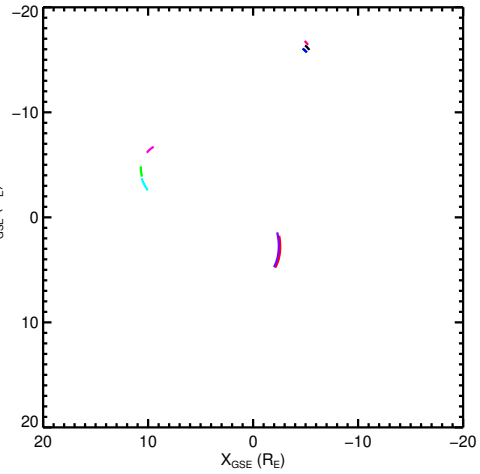




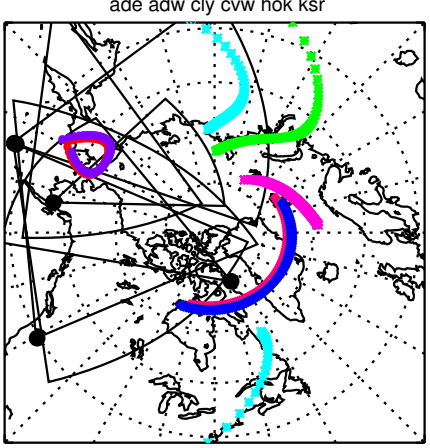
(a) 0000UT to 0150UT
cve fhe sto wal



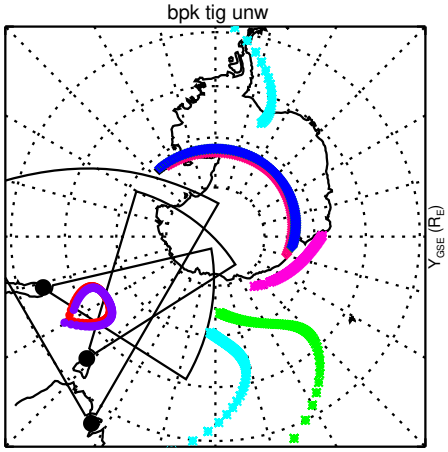


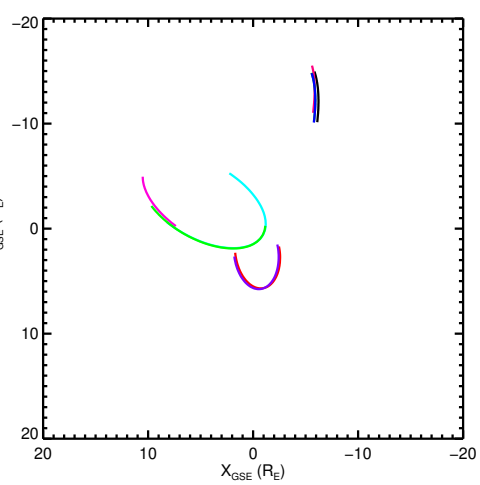


(b) 0410UT to 1050UT
ade adw cly cvw hok ksr

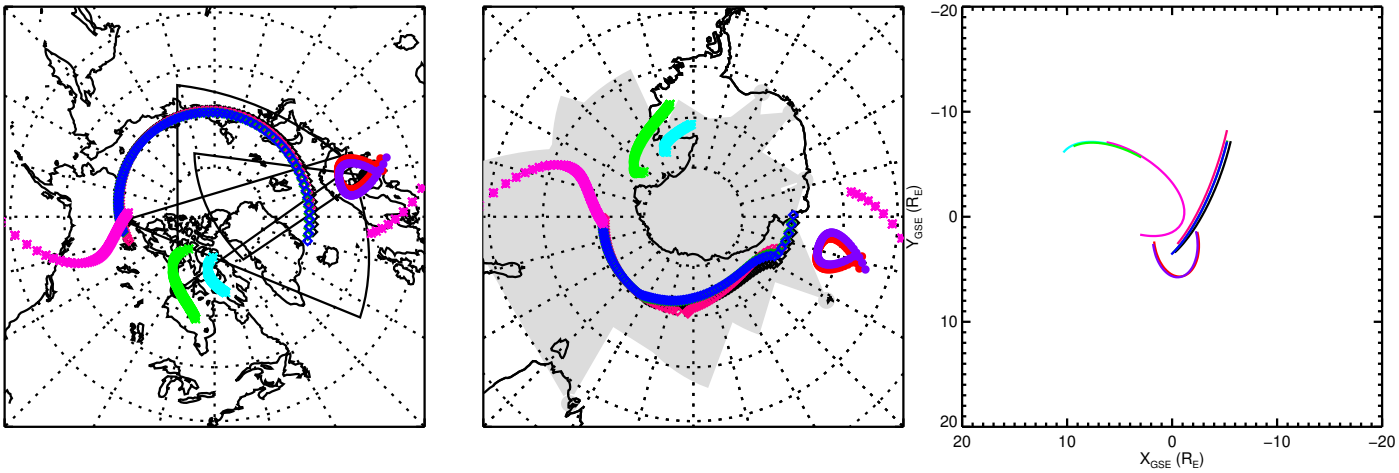


bpk tig unw



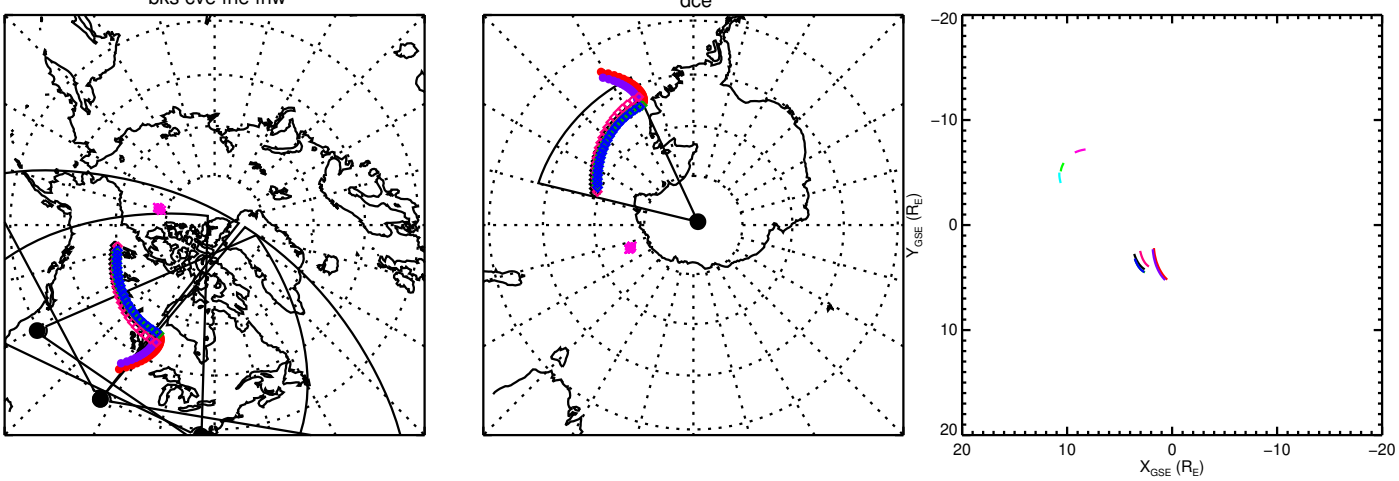


(c) 1310UT to 1955UT
han inv rkn



(d) 2205UT to 2355UT
bks cve fhe fhw

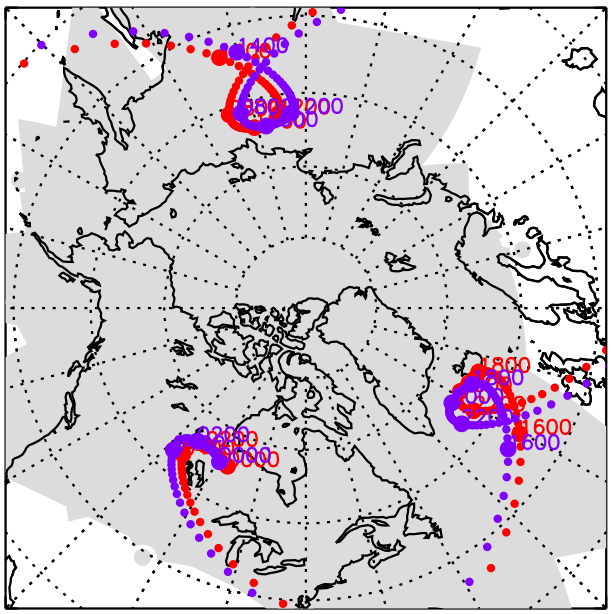
dce

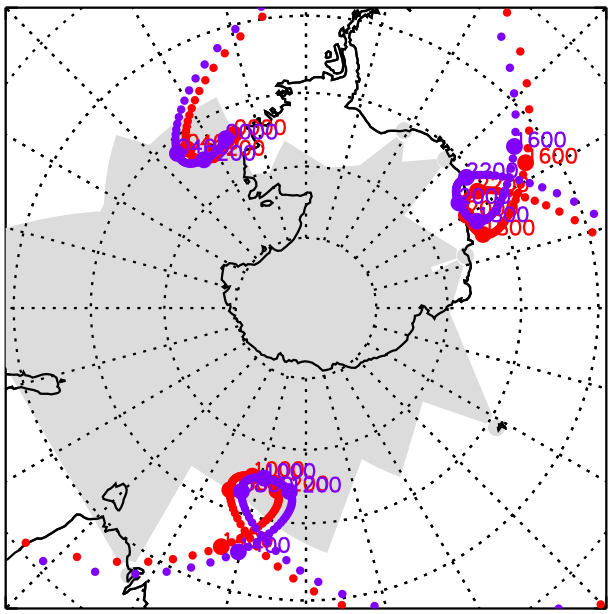


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

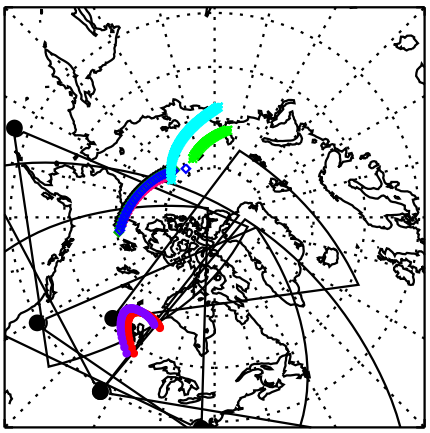
17–Jun–2015

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

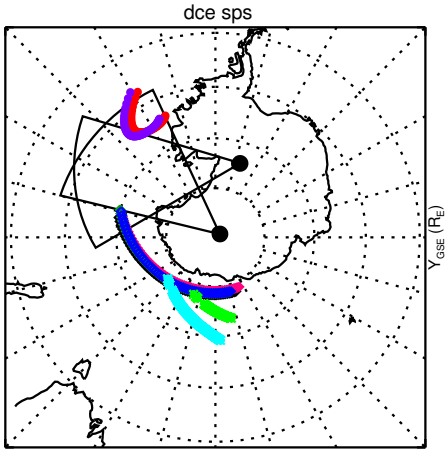


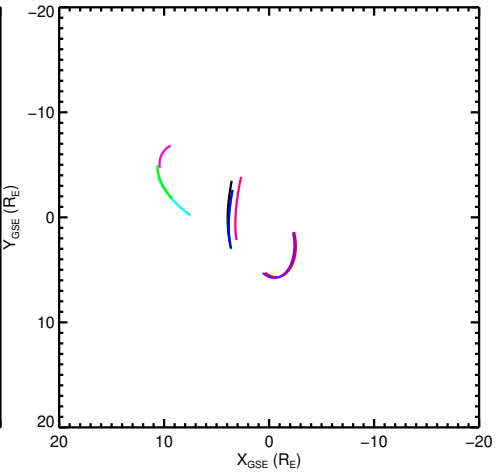


(a) 0000UT to 0455UT
ade bks cve fhe fhw sas

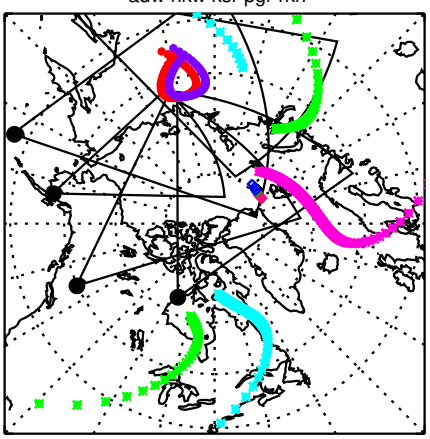


dce sps

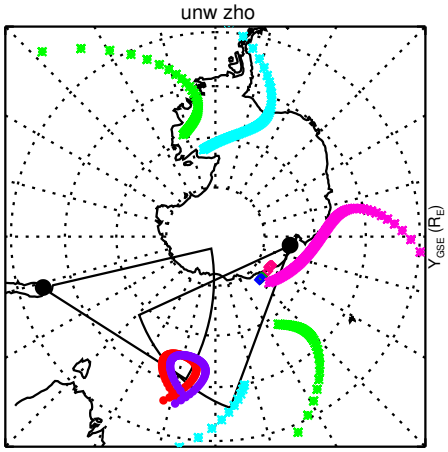


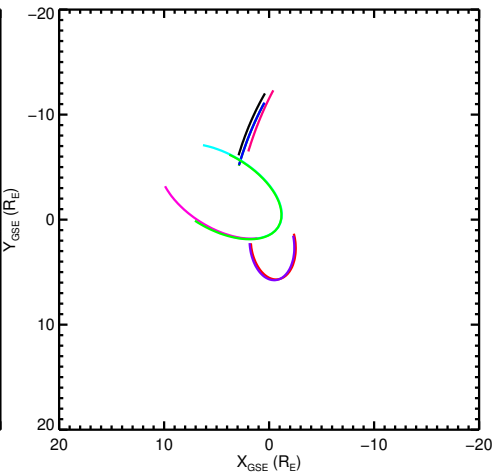


(b) 0705UT to 1355UT
adw hkw ksr pgr rkn

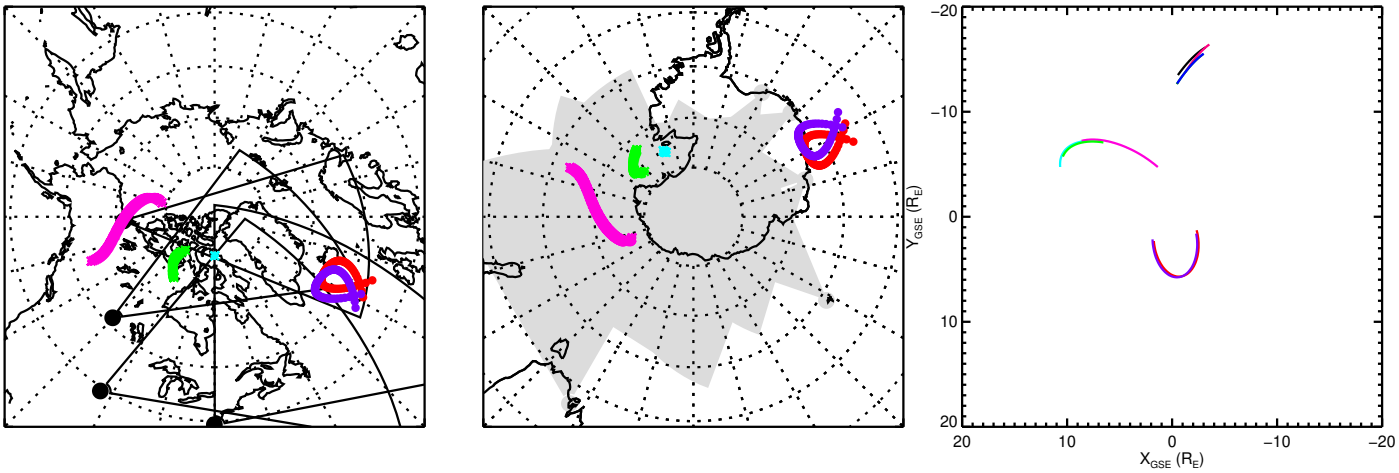


unw zho





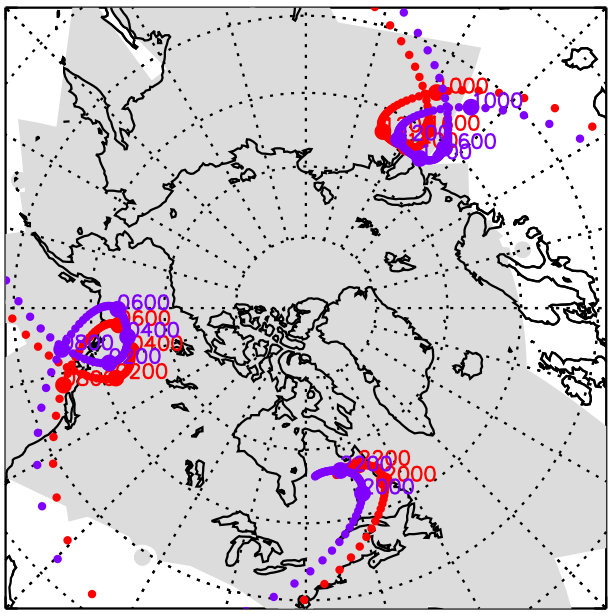
(c) 1605UT to 2255UT
fhe inv sas wal

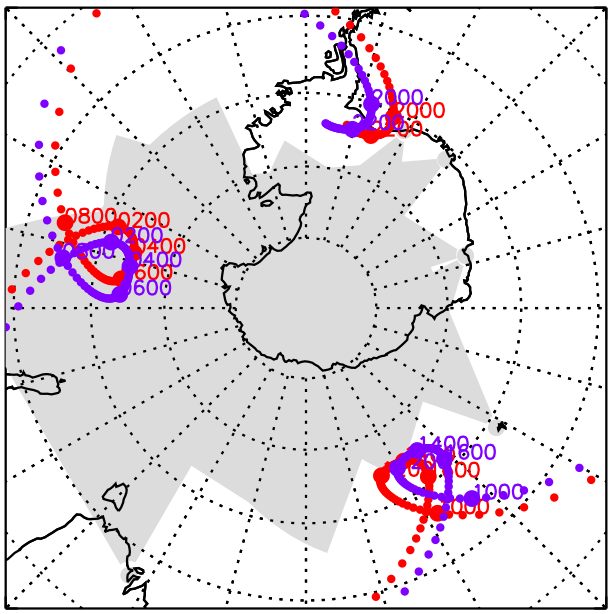


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

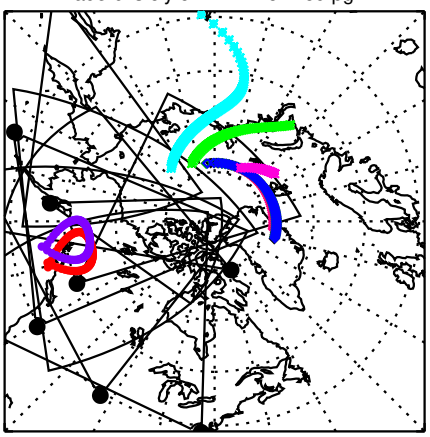
18–Jun–2015

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

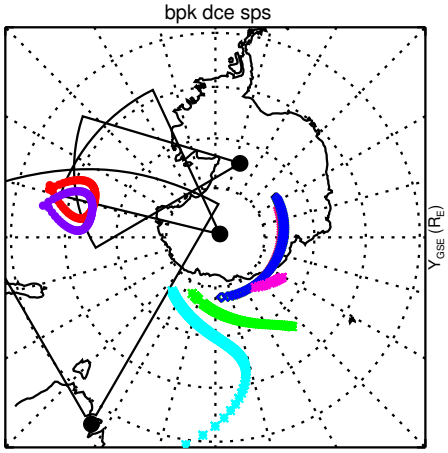


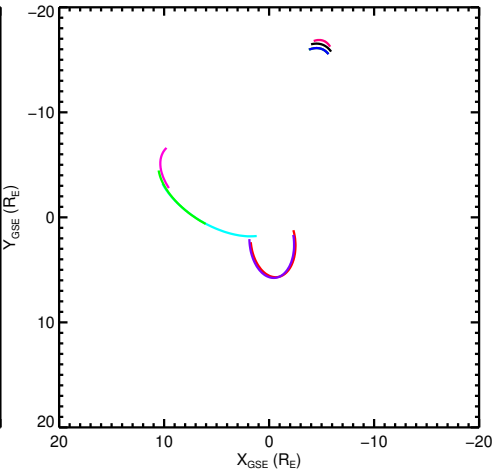


(a) 0105UT to 0755UT
ade bks cly cvw fhw hok kod pgr

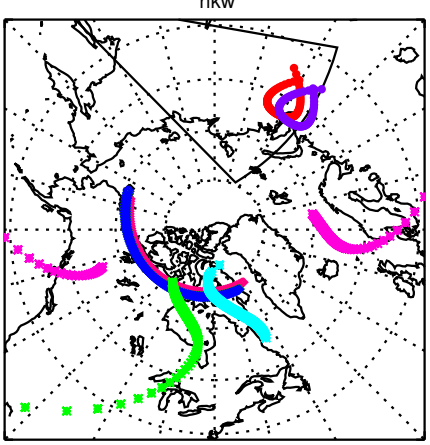


bpk dce sps

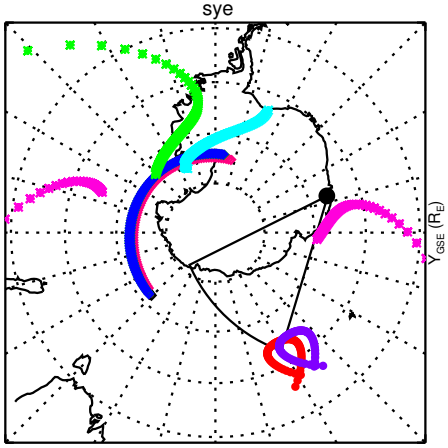


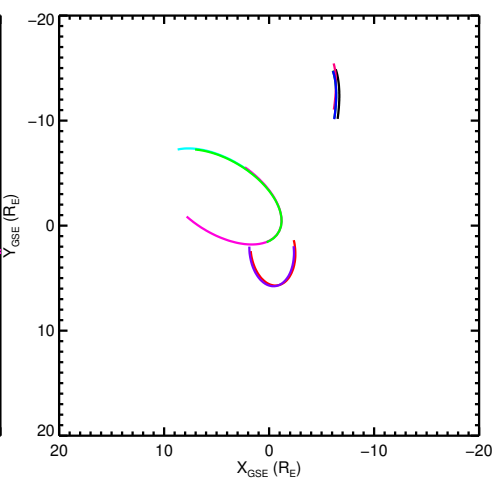


(b) 1005UT to 1650UT
hkw

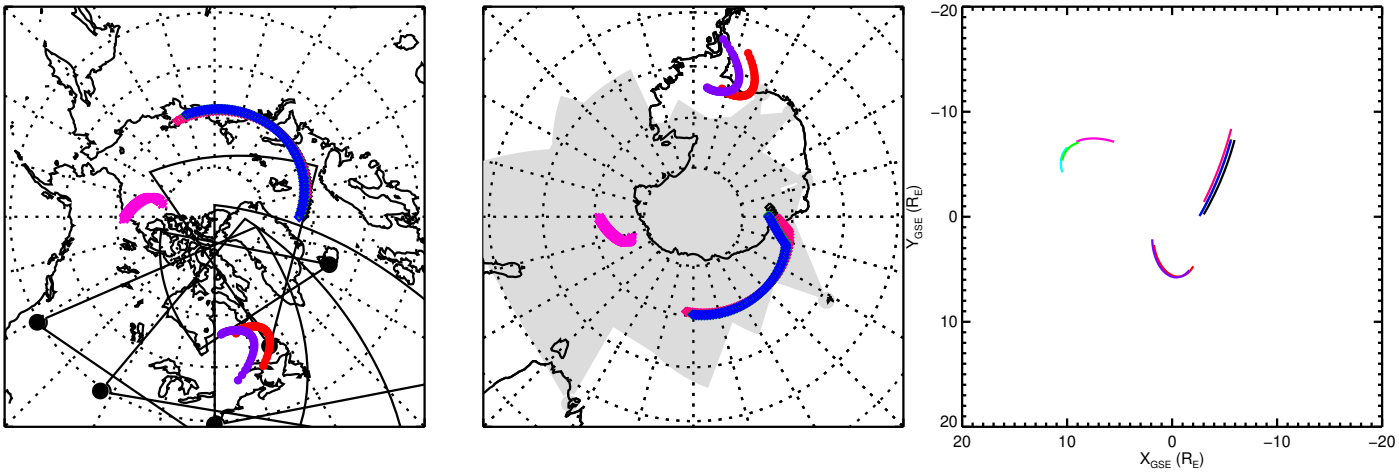


sye





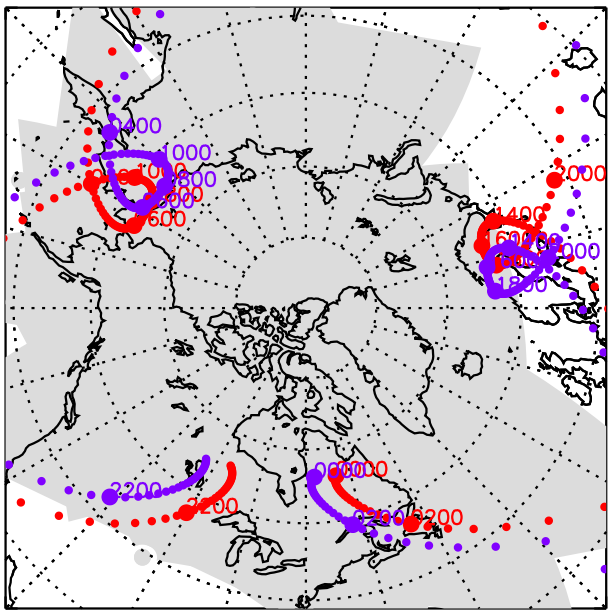
(c) 1910UT to 2355UT
cve fhe gbr sto wal

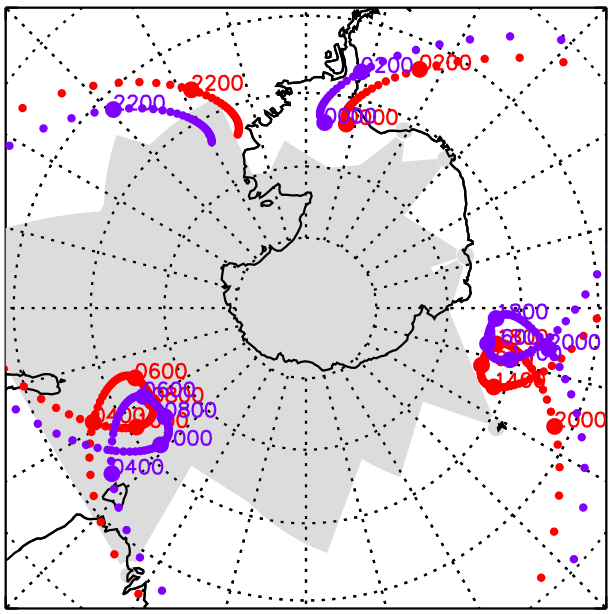


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

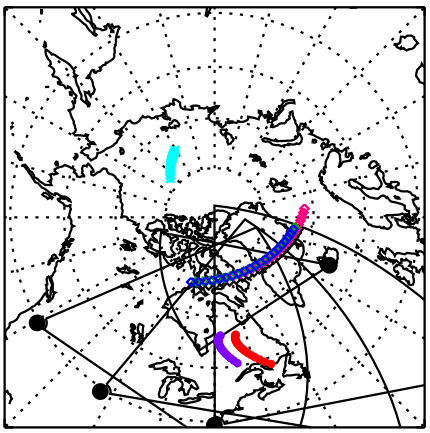
19–Jun–2015

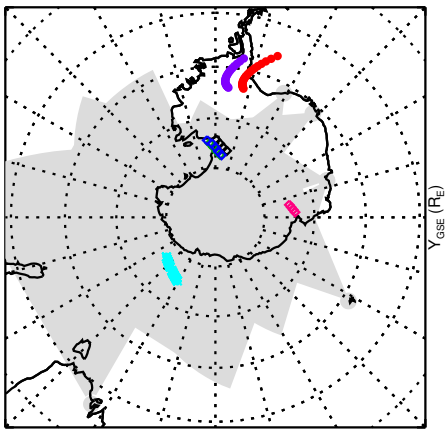
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

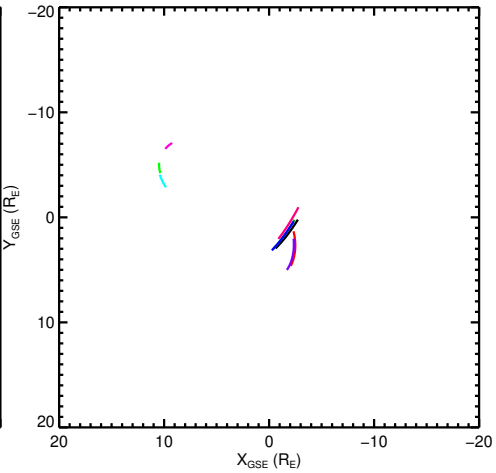




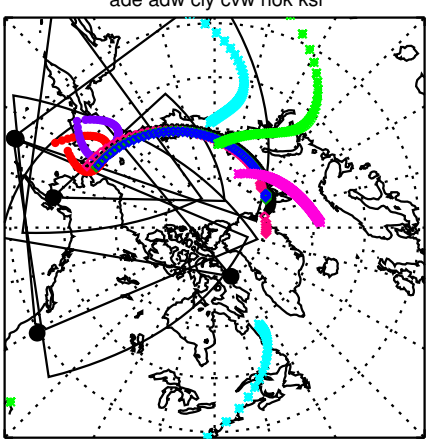
(a) 0000UT to 0150UT
cve fhe sto wal



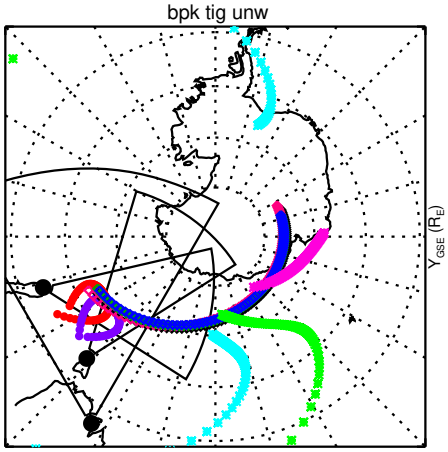


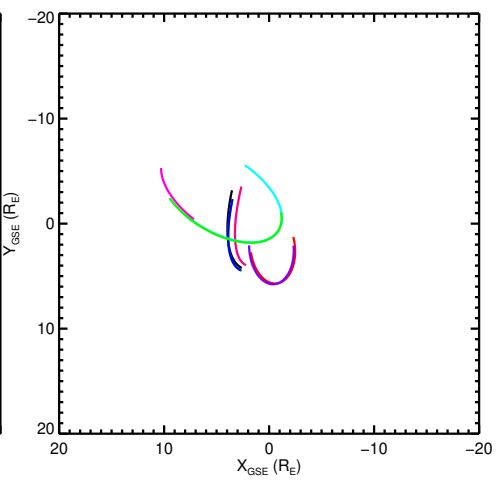


(b) 0410UT to 1050UT
ade adw cly cvw hok ksr

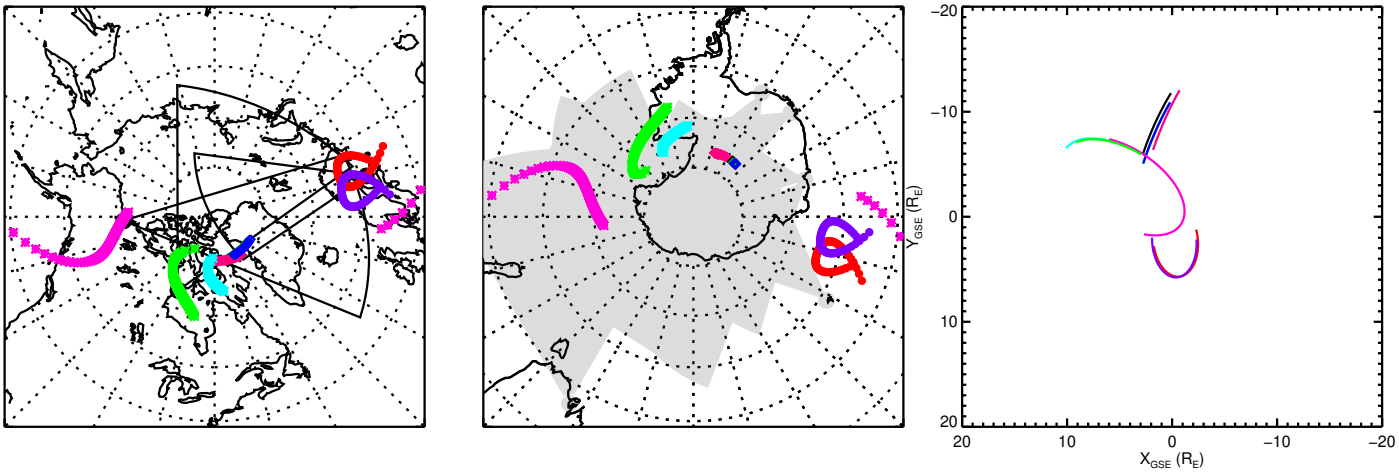


bpk tig unw



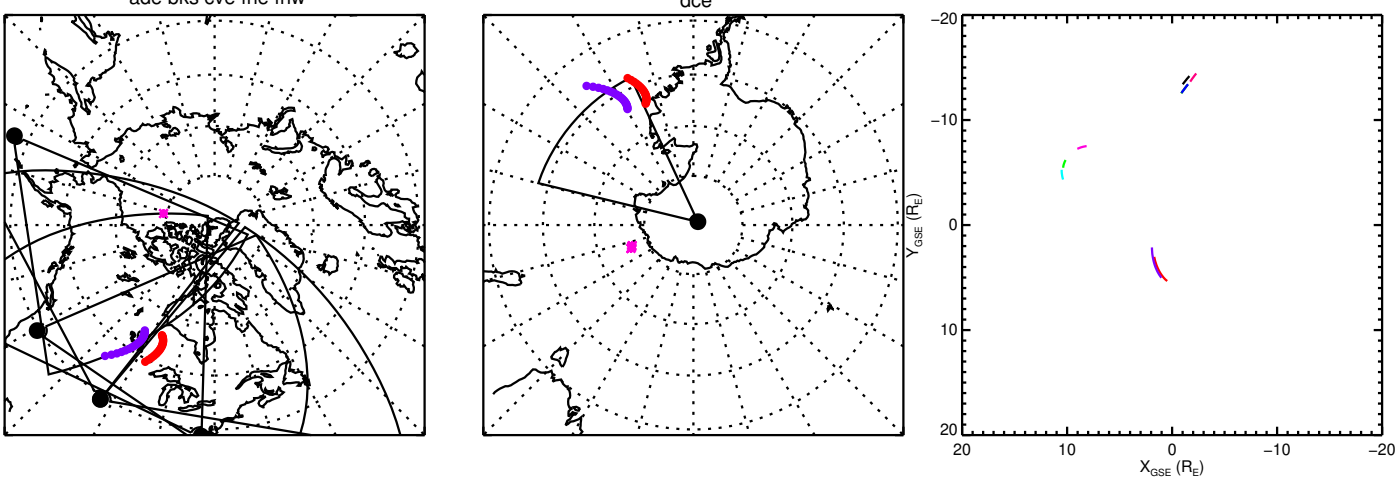


(c) 1310UT to 1950UT
han inv rkn



(d) 2215UT to 2355UT
ade bks cve fhe fhw

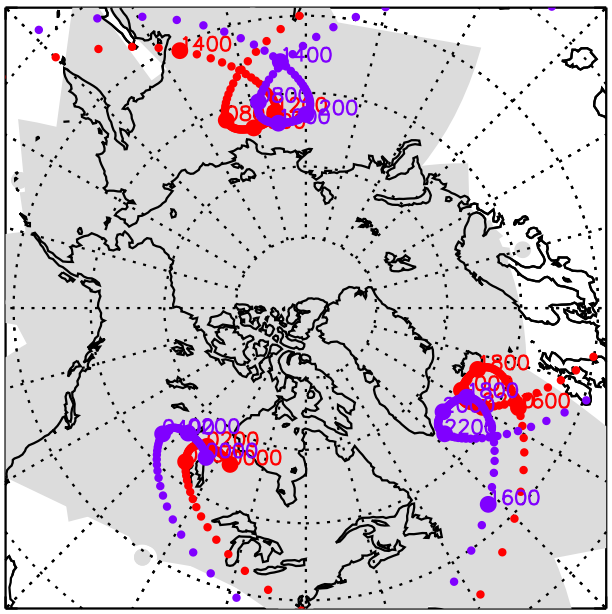
dce

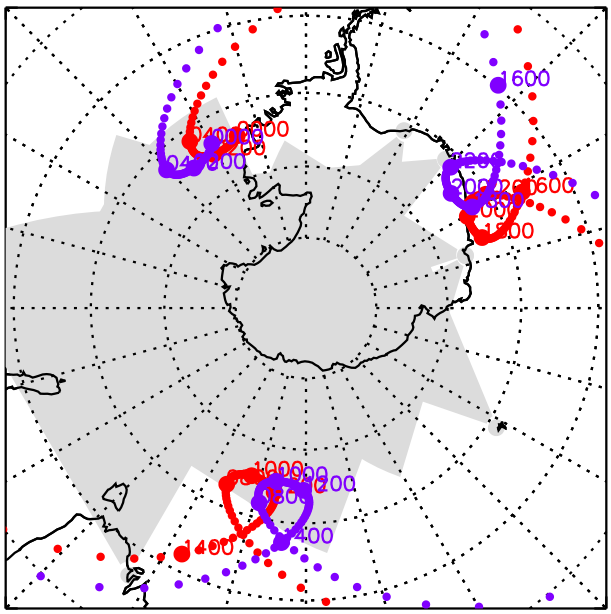


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

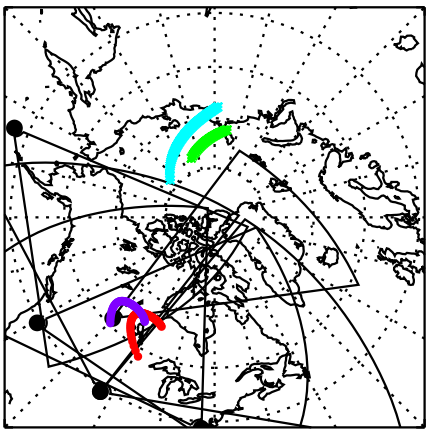
20–Jun–2015

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

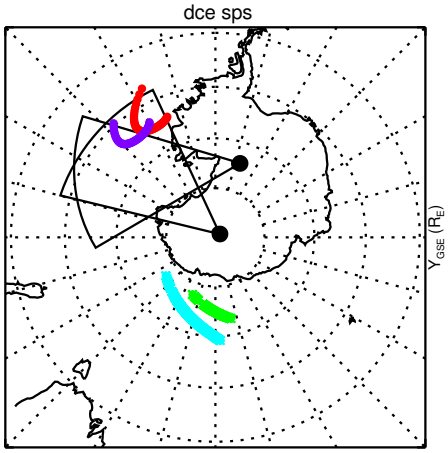


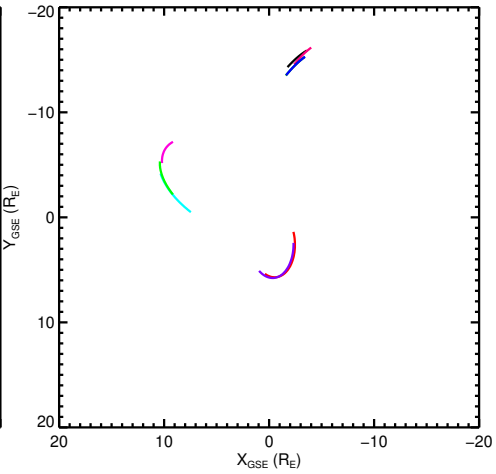


(a) 0000UT to 0445UT
ade bks cve fhe fhw sas

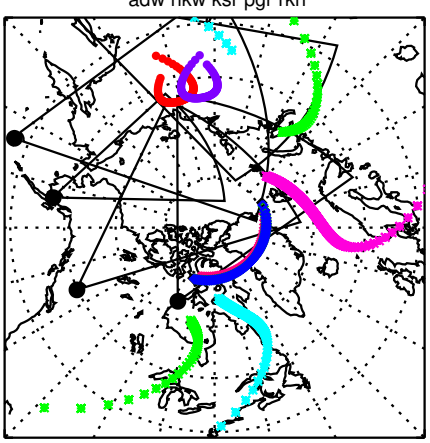


dce sps

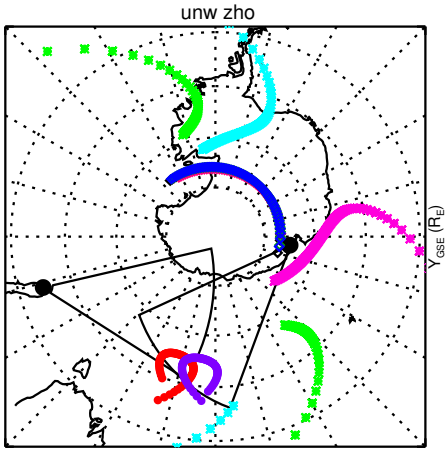


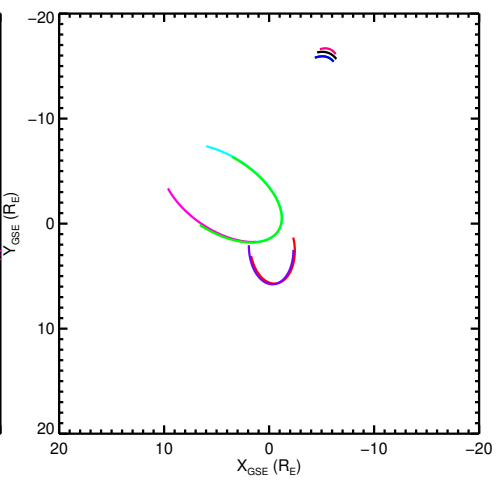


(b) 0715UT to 1345UT
adw hkw ksr pgr rkn

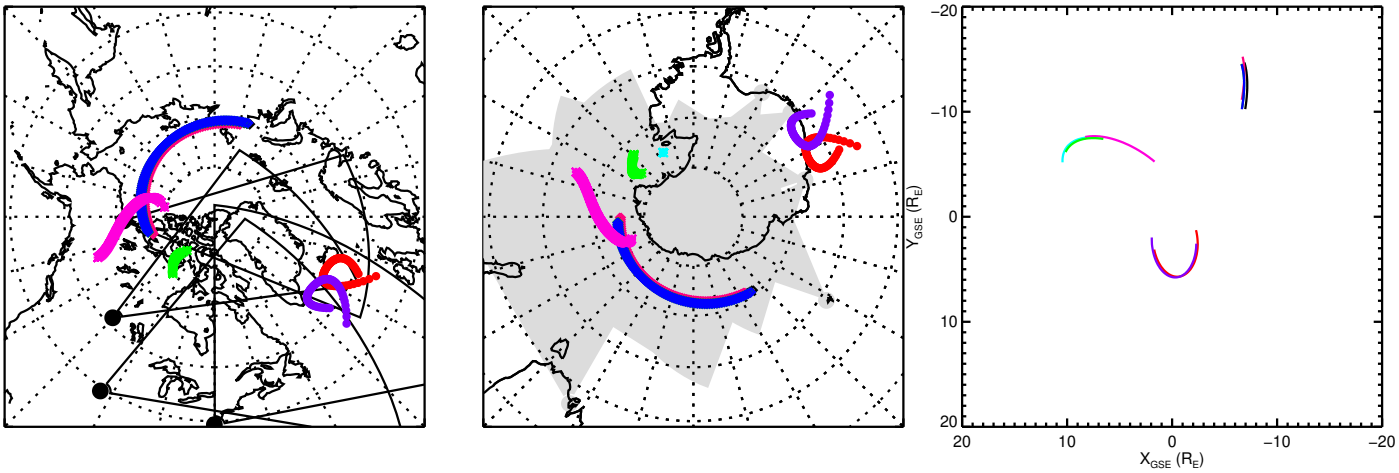


unw zho





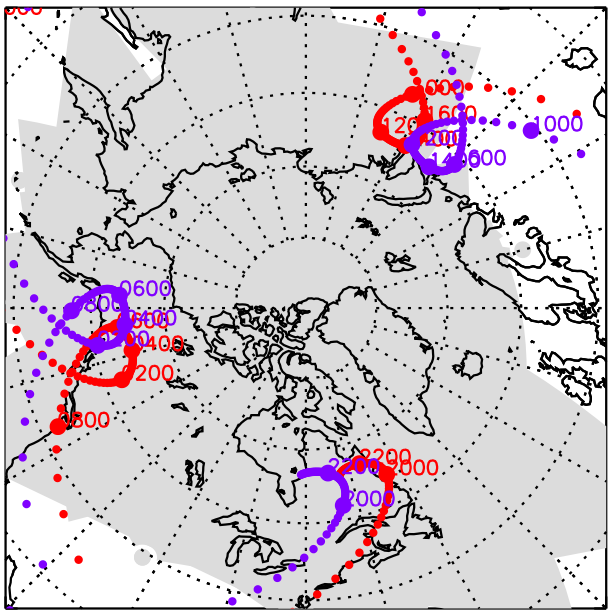
(c) 1615UT to 2245UT
fhe inv sas wal

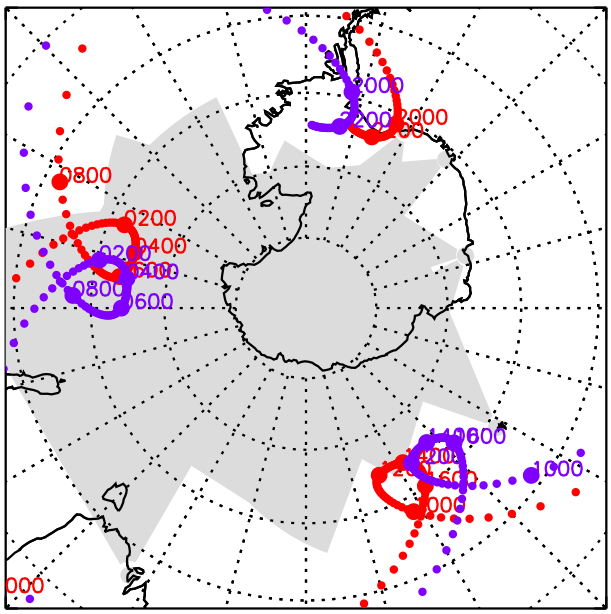


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

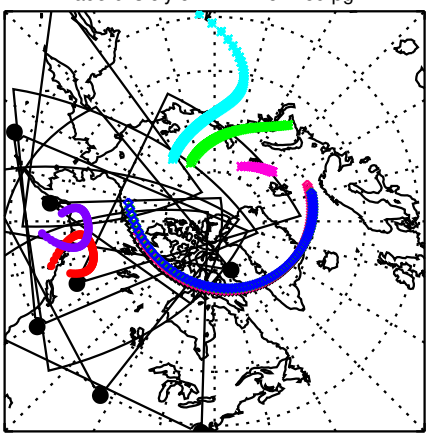
21–Jun–2015

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

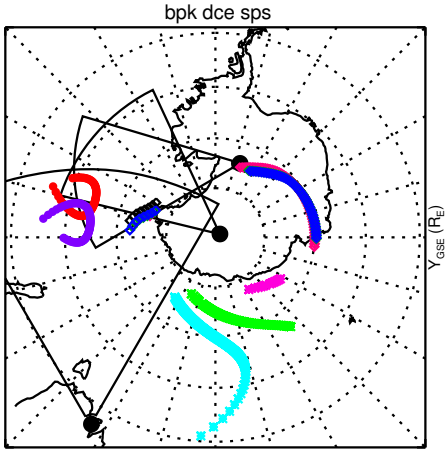


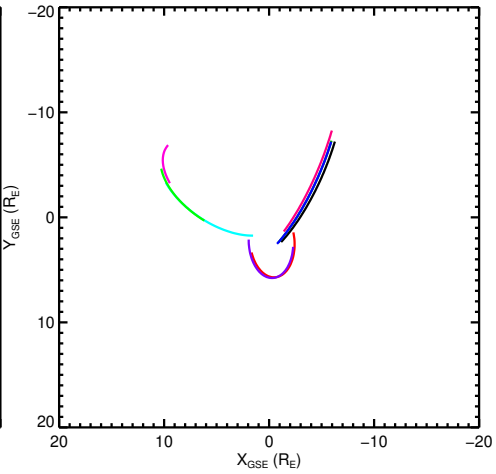


(a) 0120UT to 0740UT
ade bks cly cvw fhw hok kod pgr

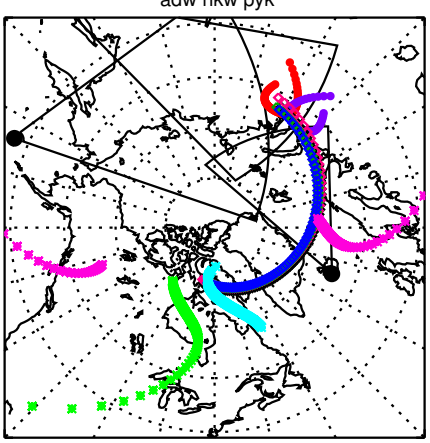


bpk dce sps

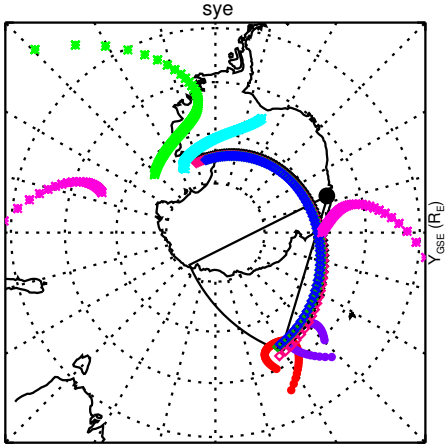


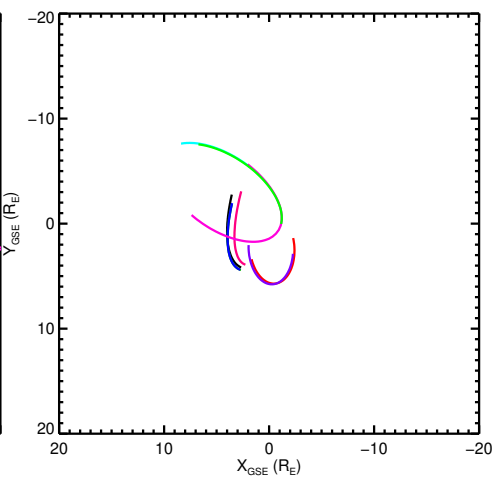


(b) 1020UT to 1640UT
adw hkw pyk

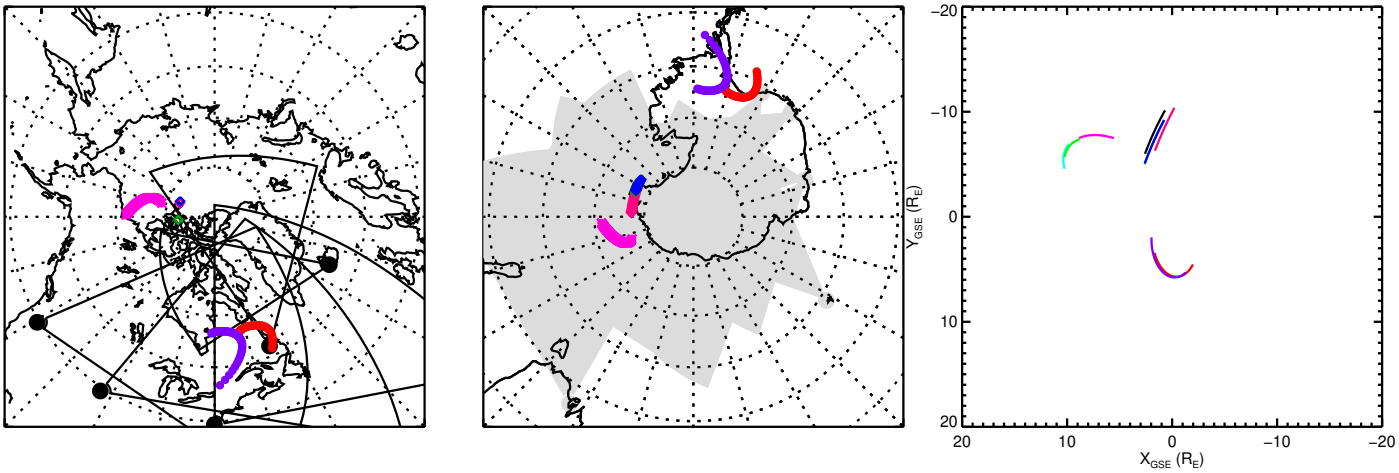


sye





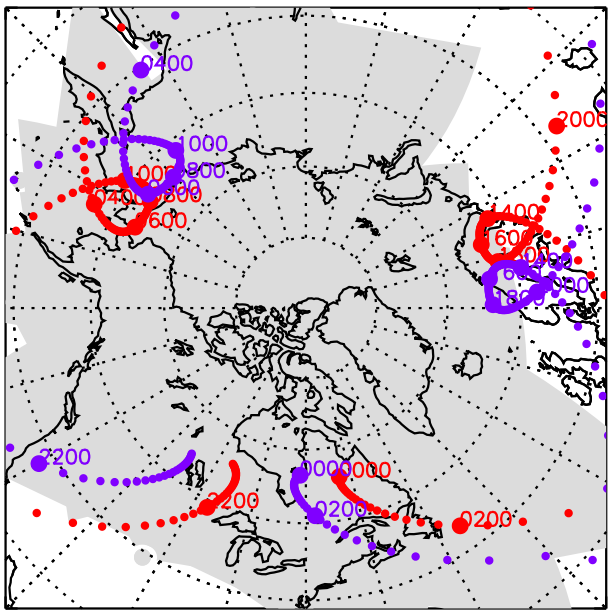
(c) 1920UT to 2355UT
cve fhe gbr sto wal

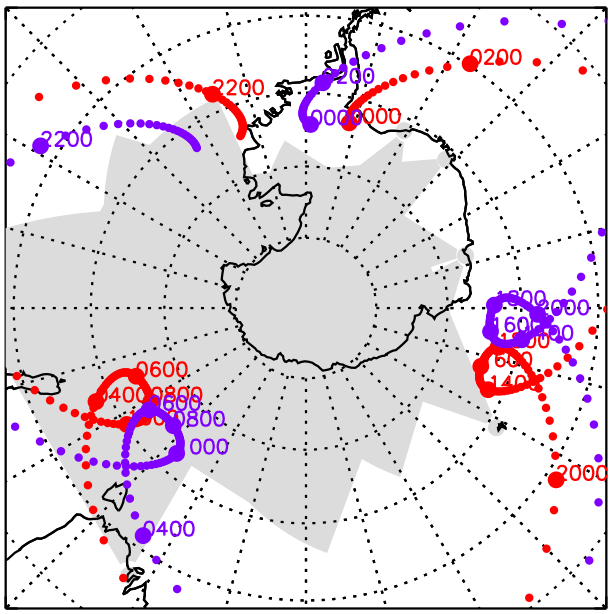


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

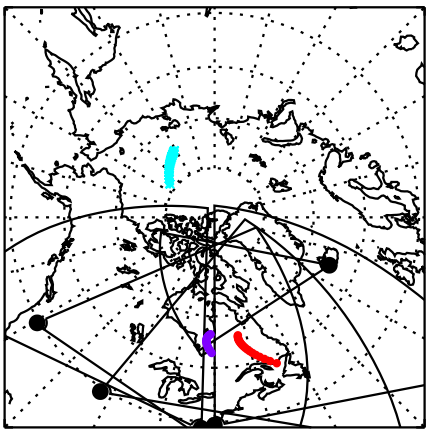
22–Jun–2015

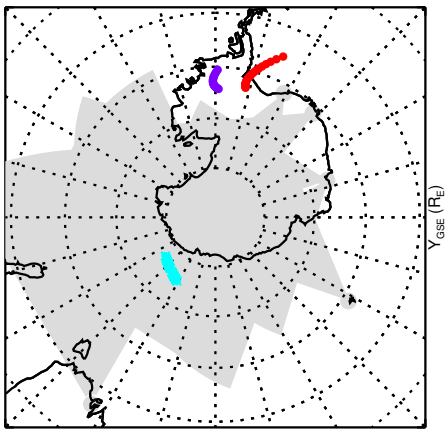
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

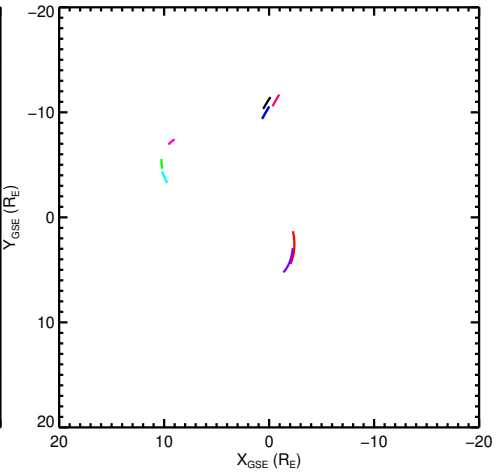




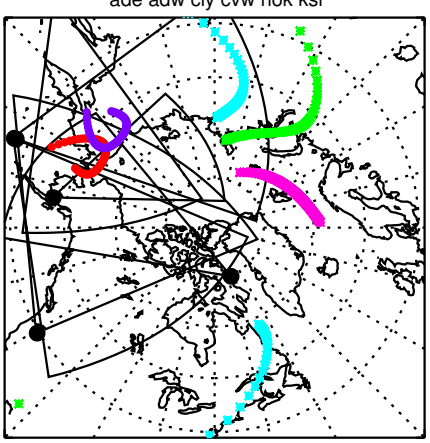
(a) 0000UT to 0140UT
bks cve fhe sto wal



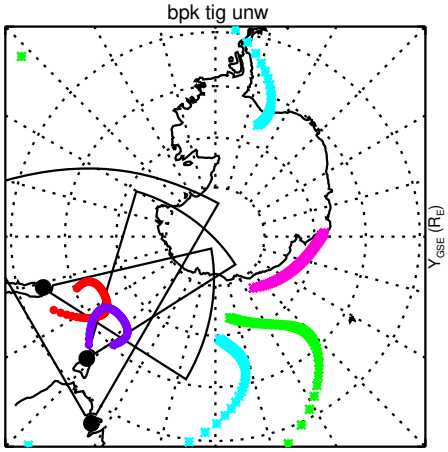


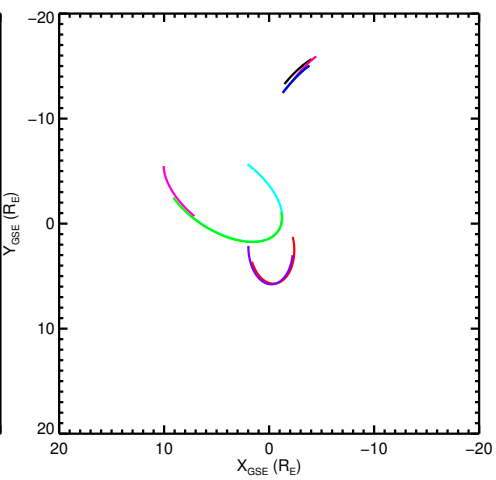


(b) 0425UT to 1040UT
ade adw cly cvw hok ksr

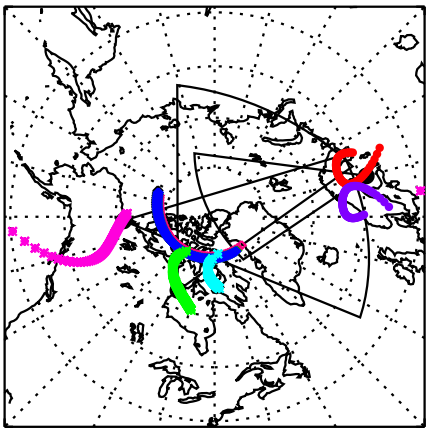


bpk tig unw

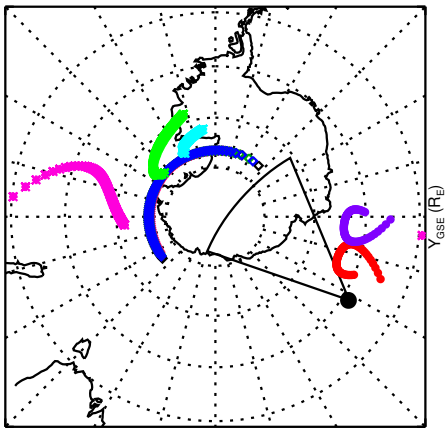


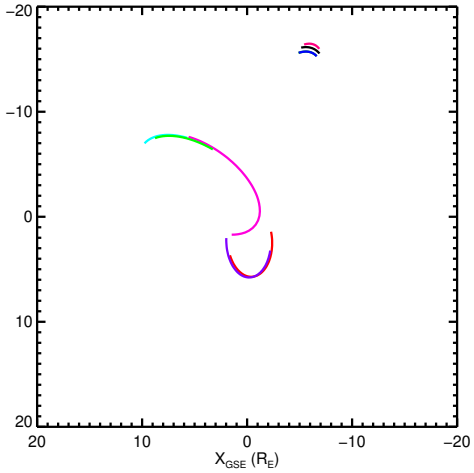


(c) 1325UT to 1935UT
han inv rkn

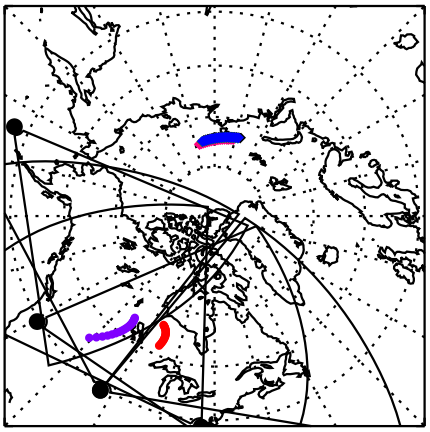


ker

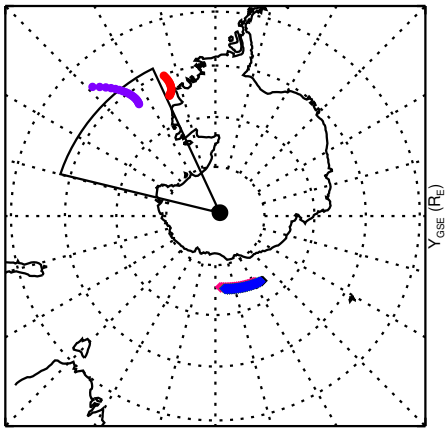


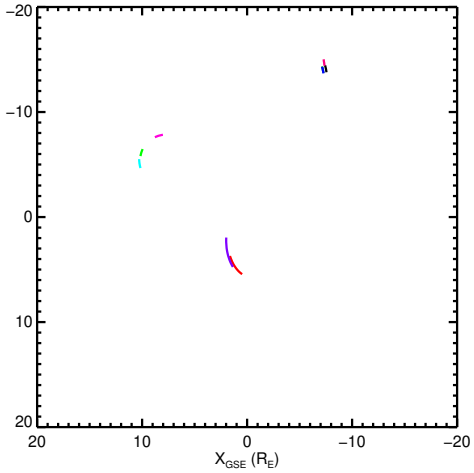


(d) 2225UT to 2355UT
ade bks cve fhe fhw



dce

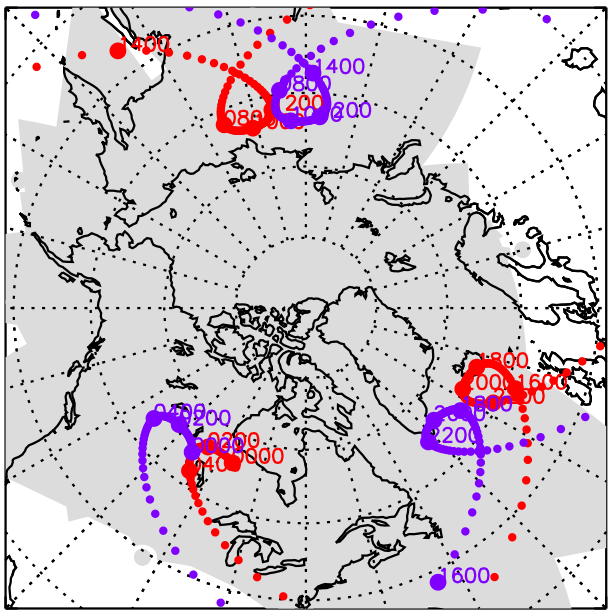


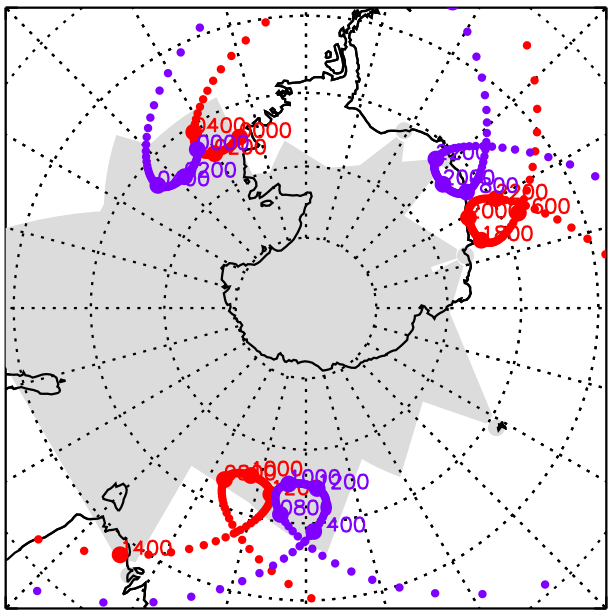


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

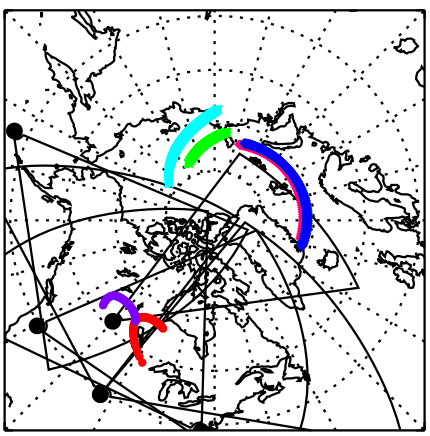
23–Jun–2015

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

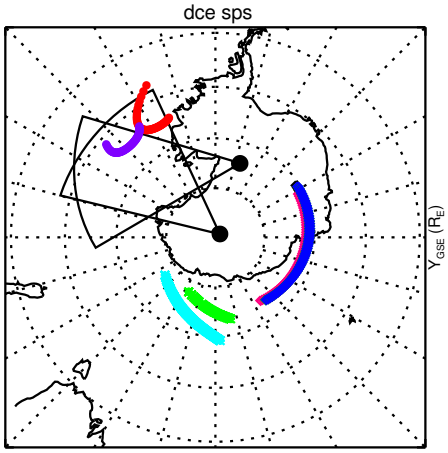


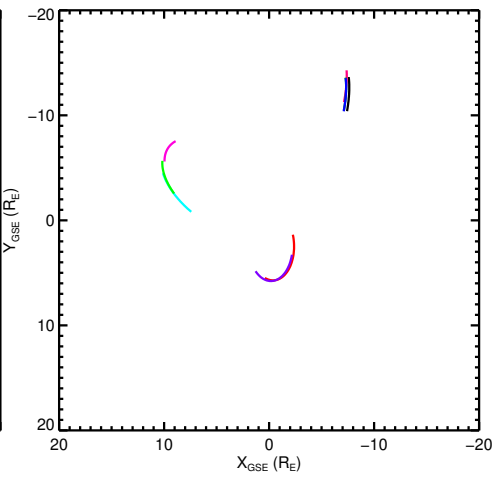


(a) 0000UT to 0435UT
ade bks cve fhe fhw sas

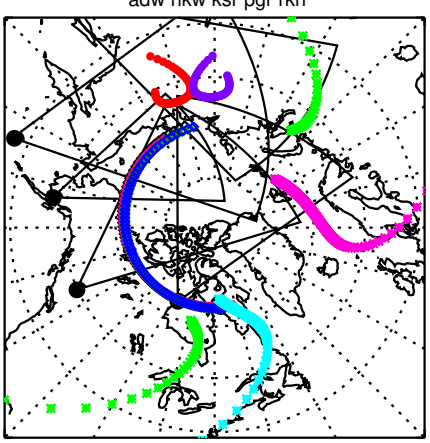


dce sps

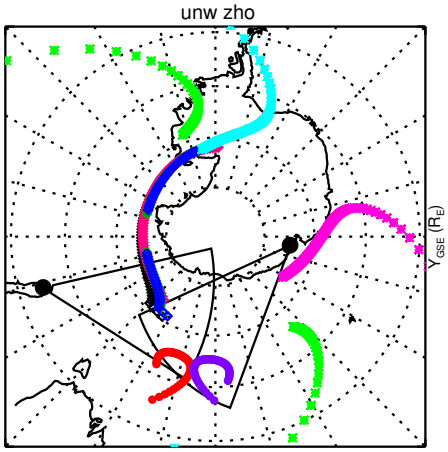


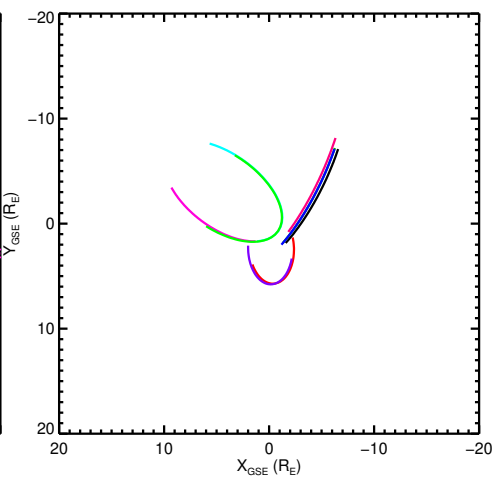


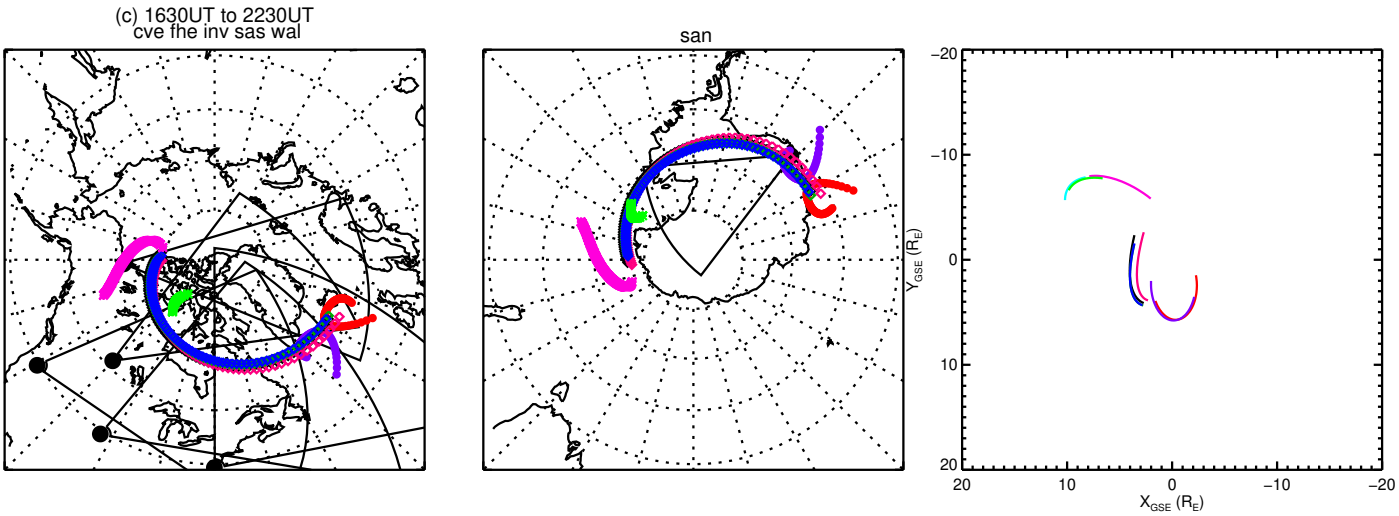
(b) 0730UT to 1335UT
adw hkw ksr pgr rkn



unw zho



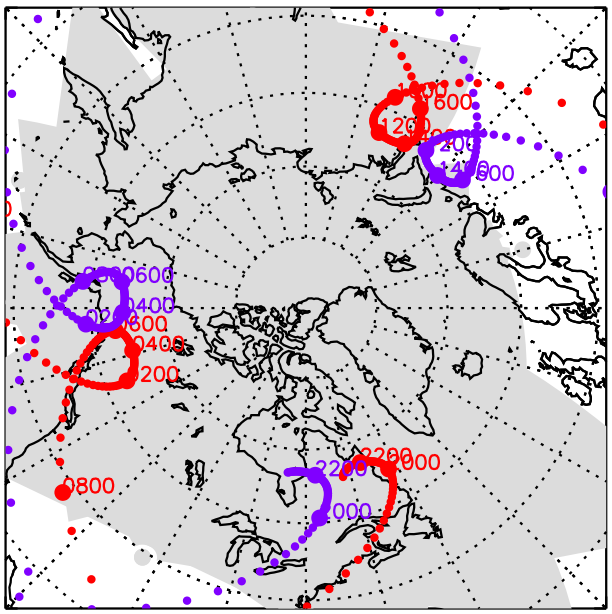


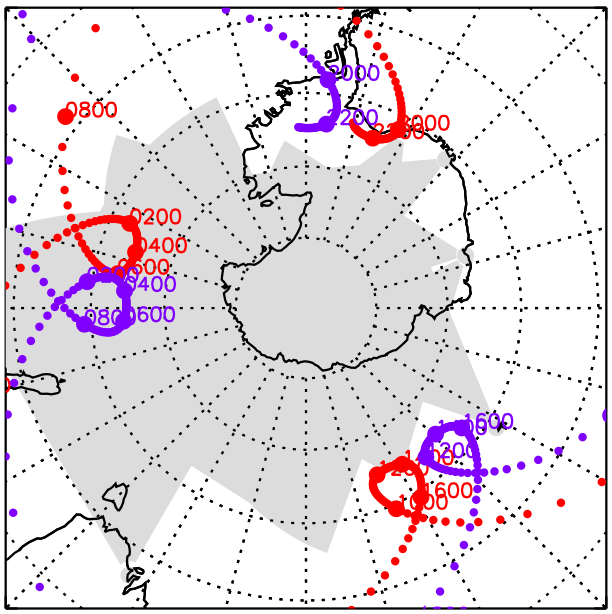

(c) 1630UT to 2230UT
cve fhe inv sas wal
san
−20
−10
0
10
20
Y_{GSE} (R_E)
20
10
0
−10
−20
X_{GSE} (R_E)

Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

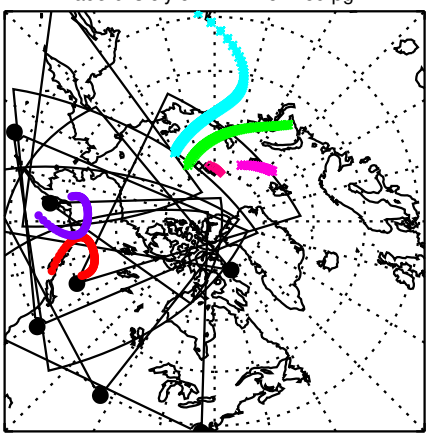
24–Jun–2015

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

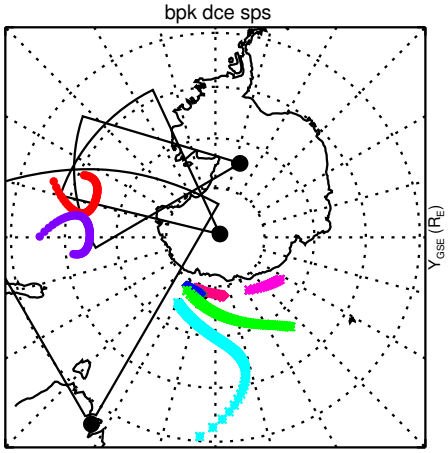


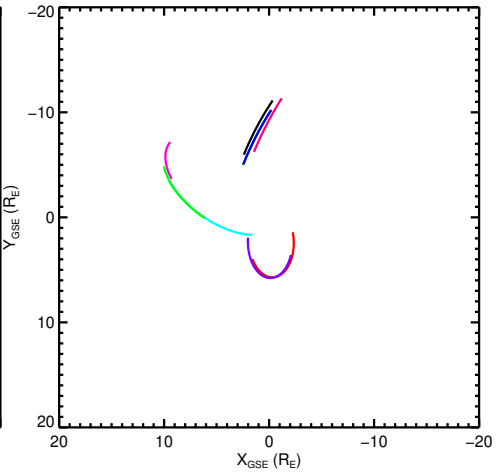


(a) 0130UT to 0730UT
ade bks cly cvw fhw hok kod pgr

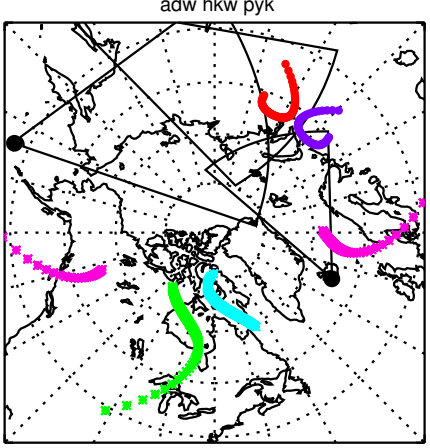


bpk dce sps

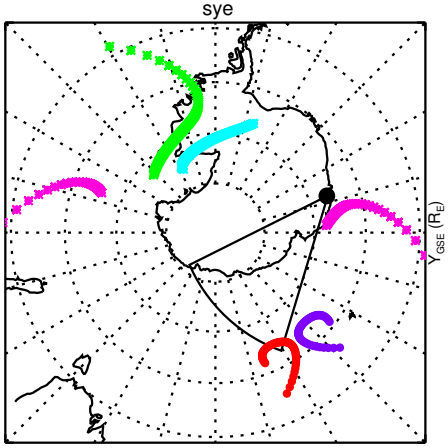


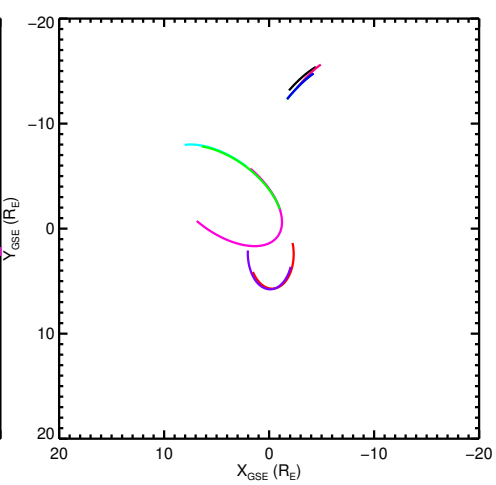


(b) 1035UT to 1630UT
adw hkw pyk

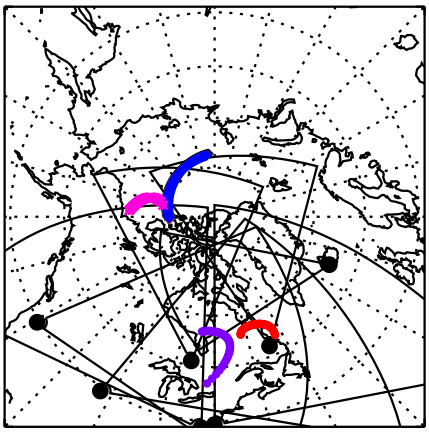


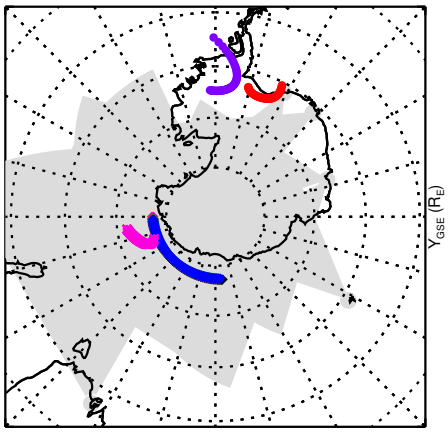
sye

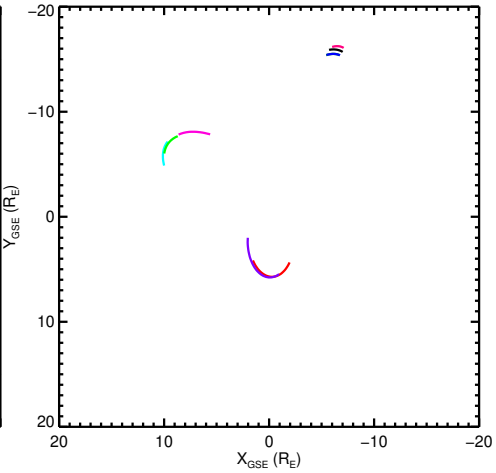




(c) 1935UT to 2355UT
bks cve fhe gbr kap sto wal



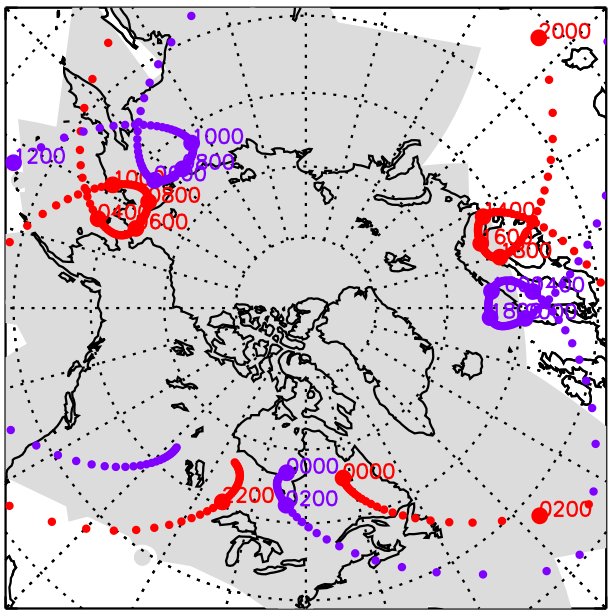


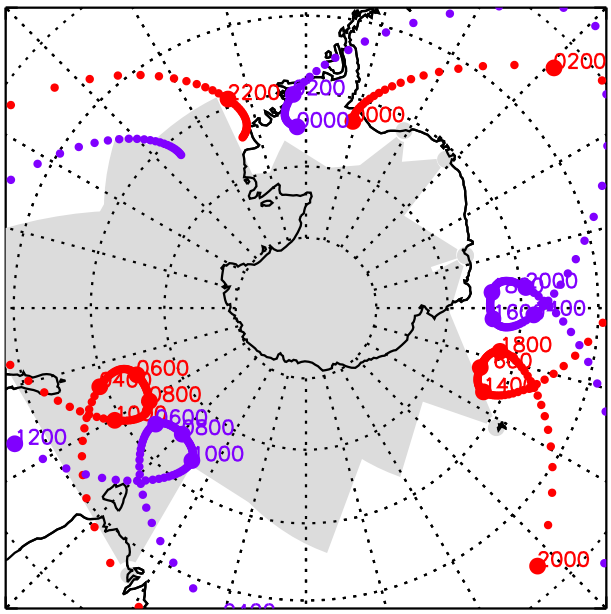


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

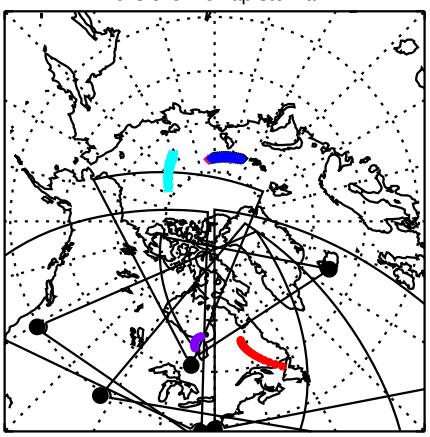
25–Jun–2015

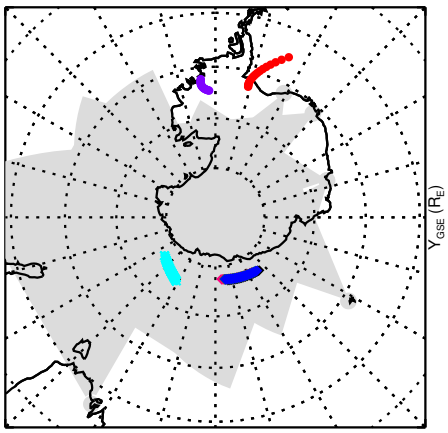
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

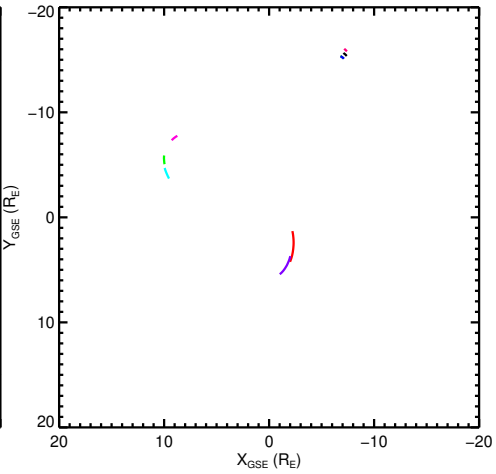




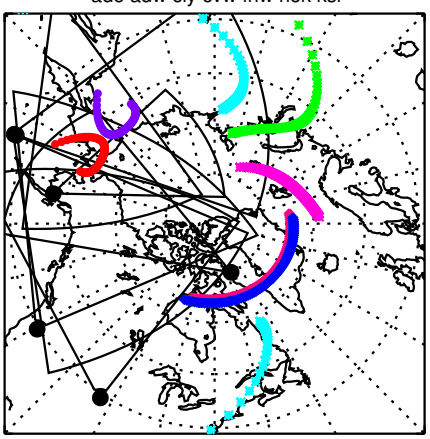
(a) 0000UT to 0130UT
bks cve fhe kap sto wal



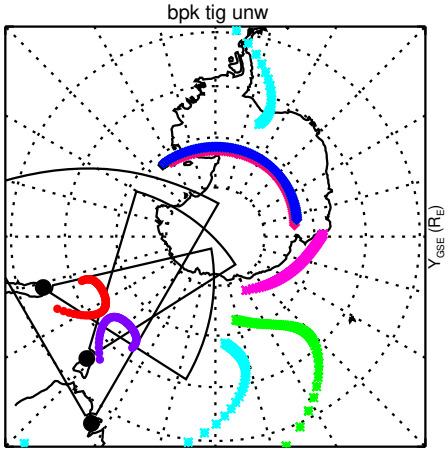


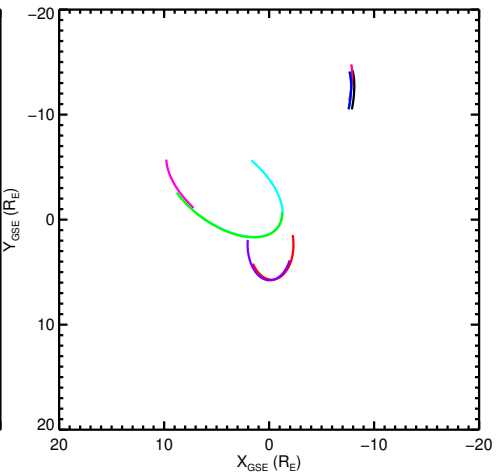


(b) 0435UT to 1025UT
ade adw cly cvw fhw hok ksr

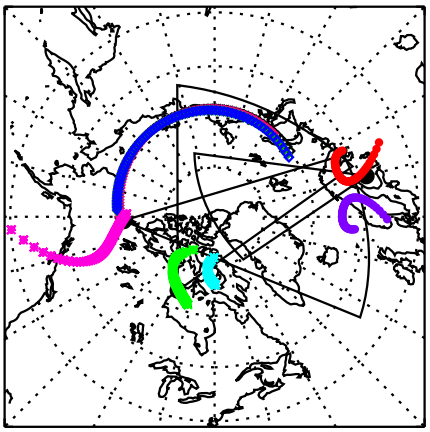


bpk tig unw

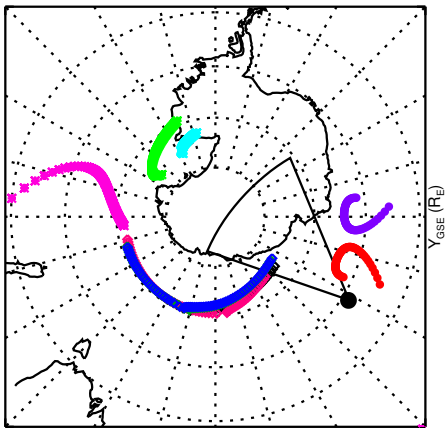


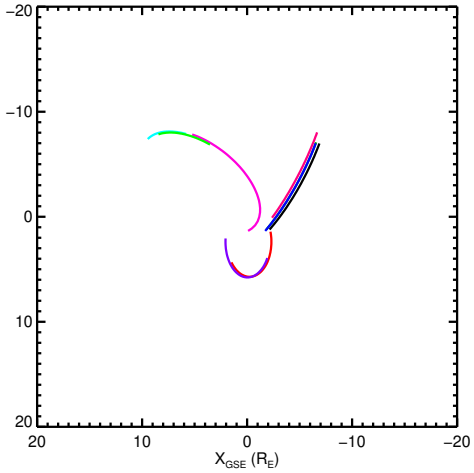


(c) 1340UT to 1925UT
han inv rkn

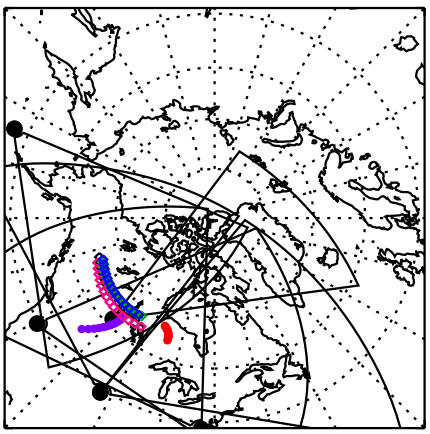


ker

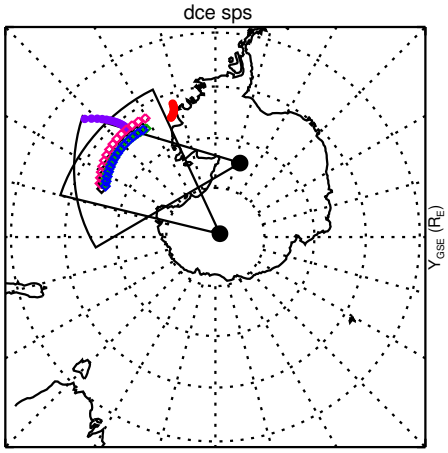


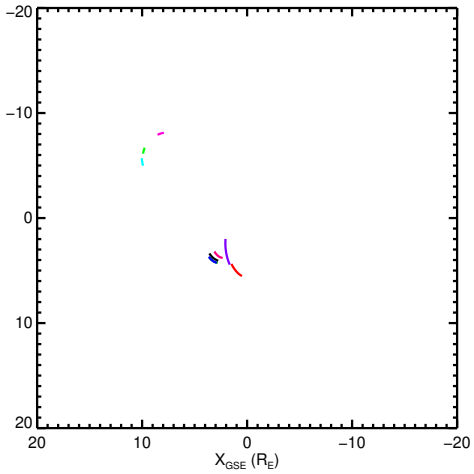


(d) 2240UT to 2355UT
ade bks cve fhe fhw sas



dce sps

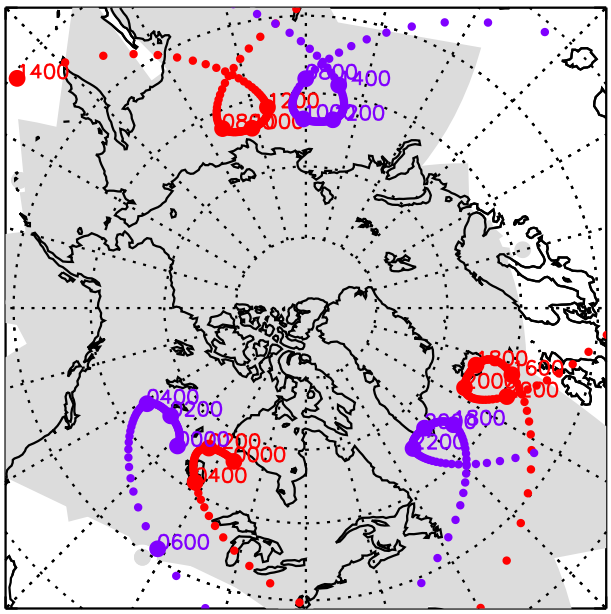


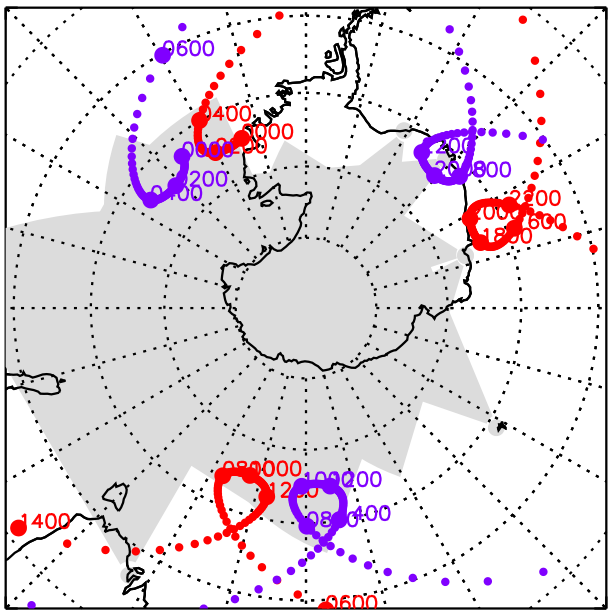


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

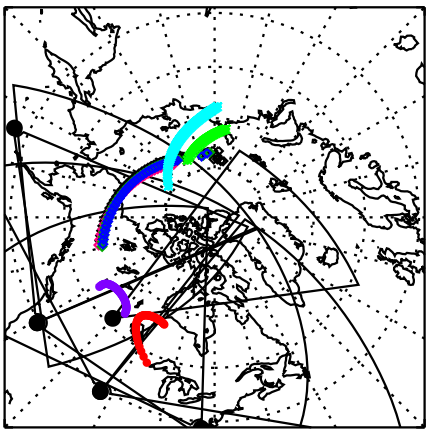
26–Jun–2015

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

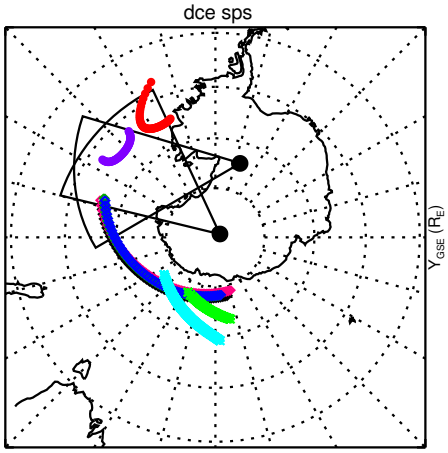


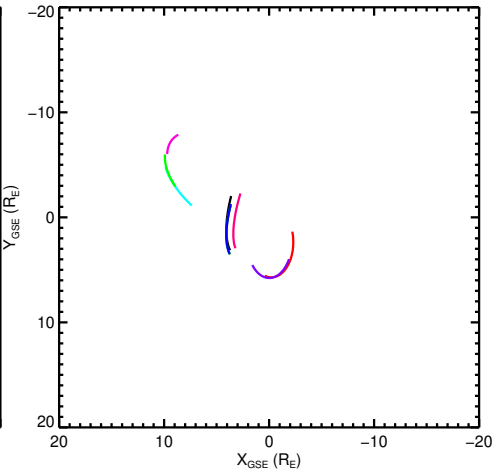


(a) 0000UT to 0425UT
ade bks cve cvw fhe fhw sas

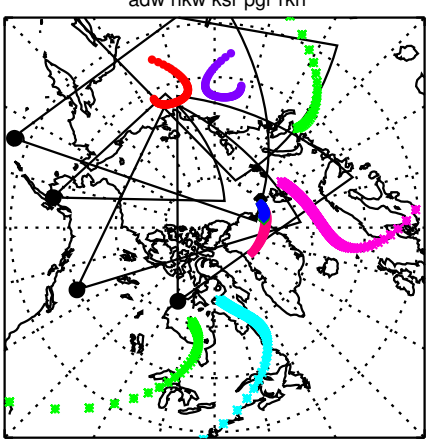


dce sps

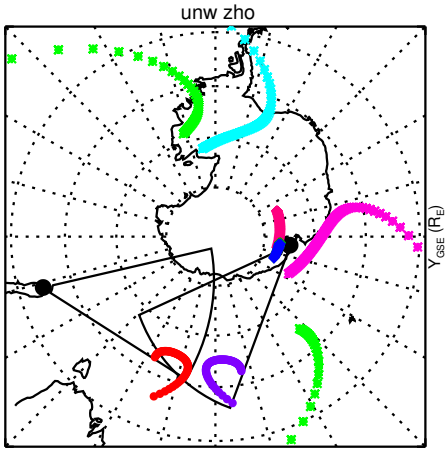


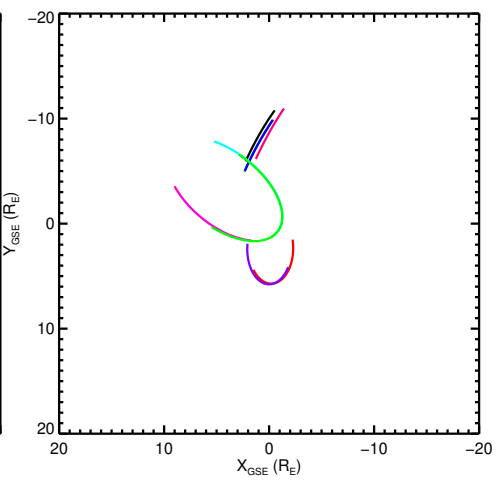


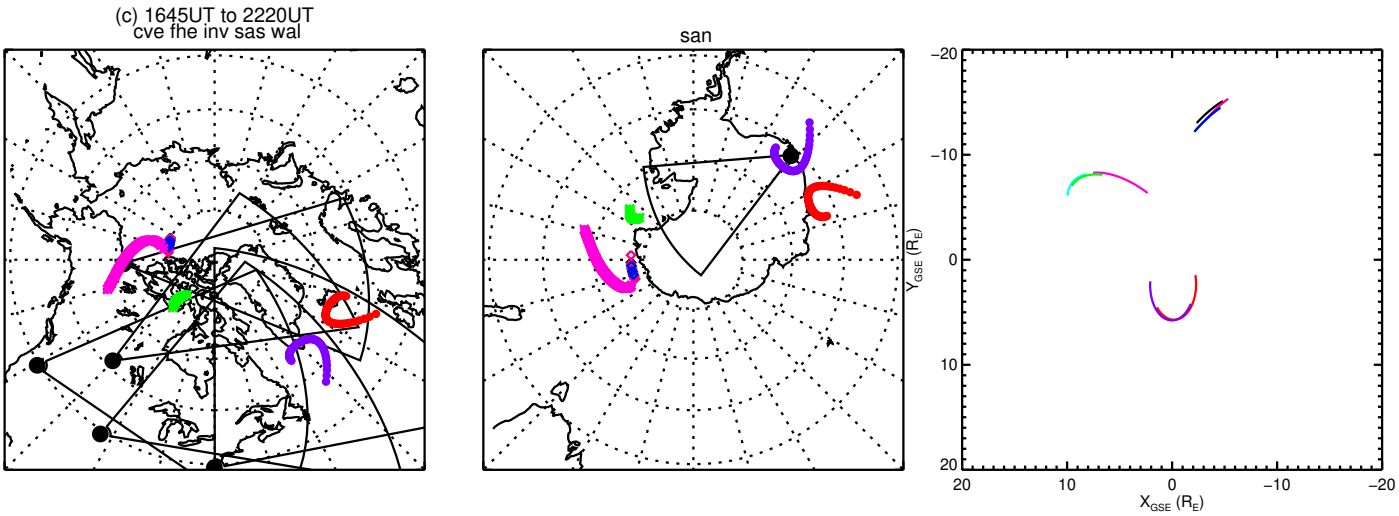
(b) 0740UT to 1320UT
adw hkw ksr pgr rkn



unw zho



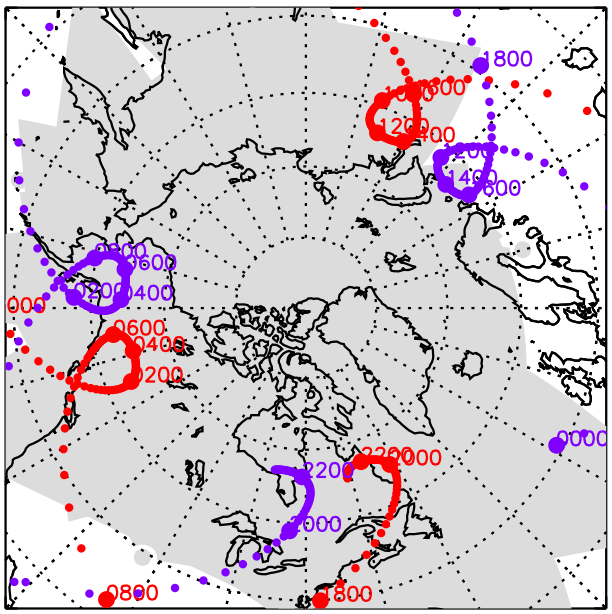


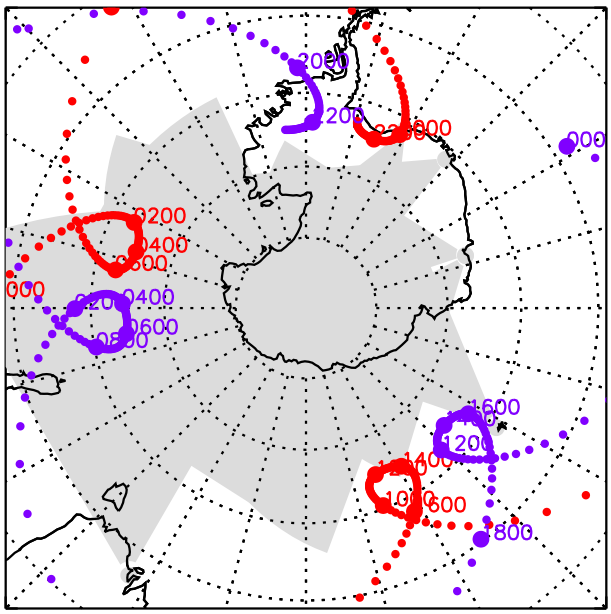

(c) 1645UT to 2220UT
cve fhe inv sas wal
san
−20
−10
0
10
20
20
10
0
−10
−20
Y_{GSE} (R_E)
X_{GSE} (R_E)

Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

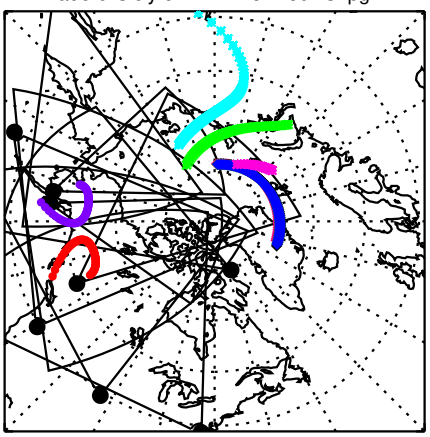
27–Jun–2015

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

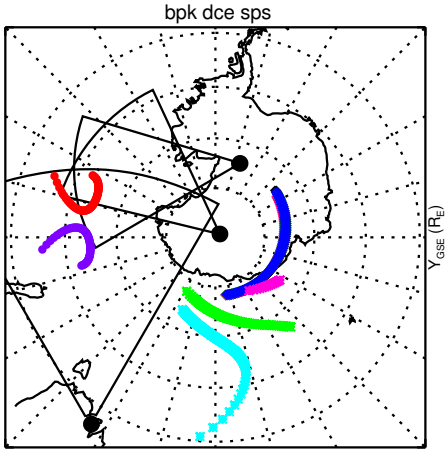


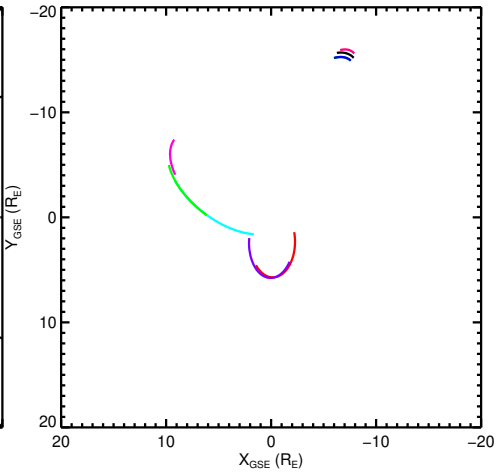


(a) 0145UT to 0720UT
ade bks cly cvw fhw hok kod ksr pgr

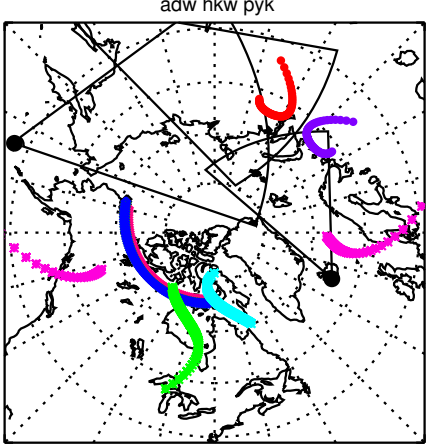


bpk dce sps

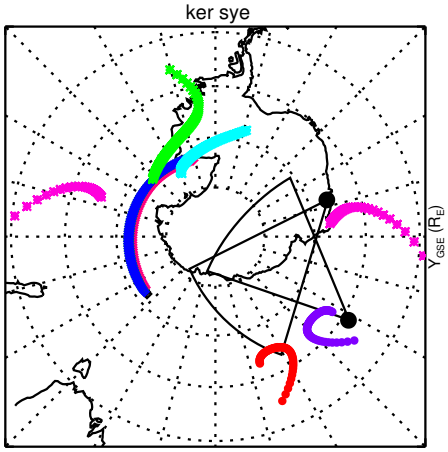


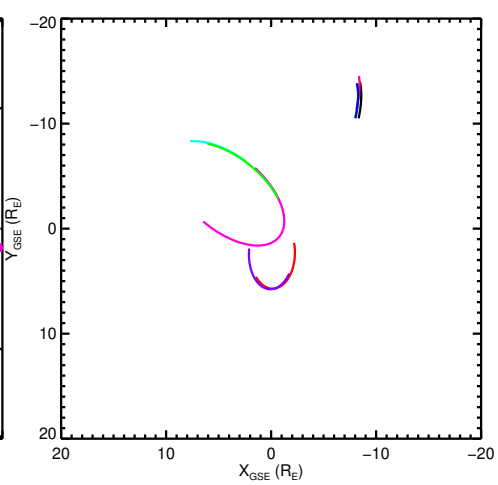


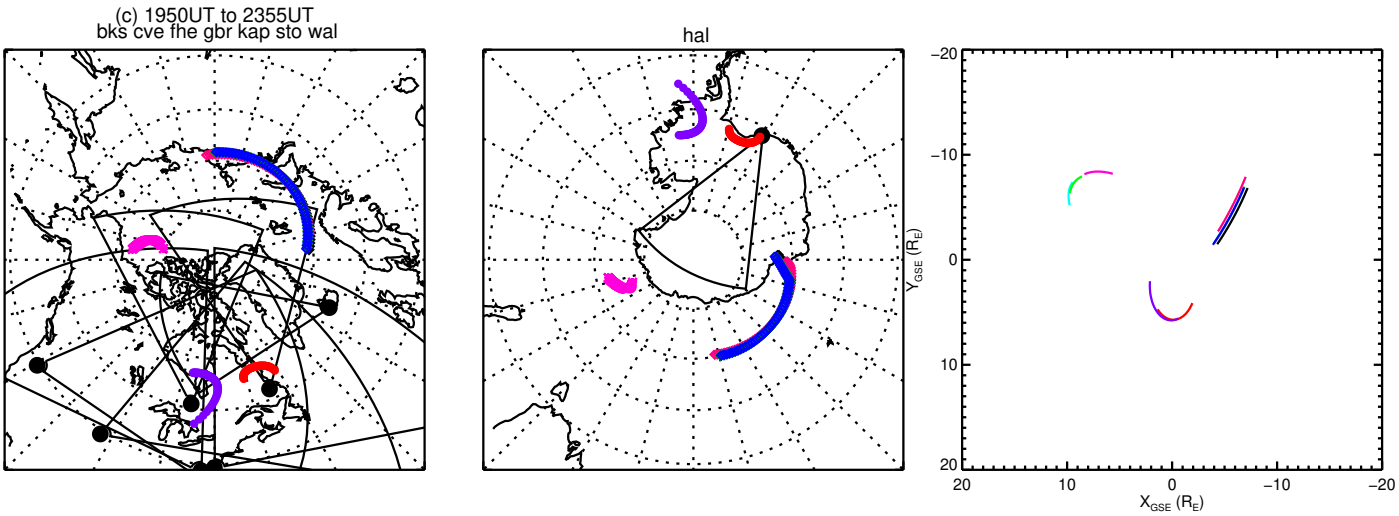
(b) 1045UT to 1620UT
adw hkw pyk



ker sye



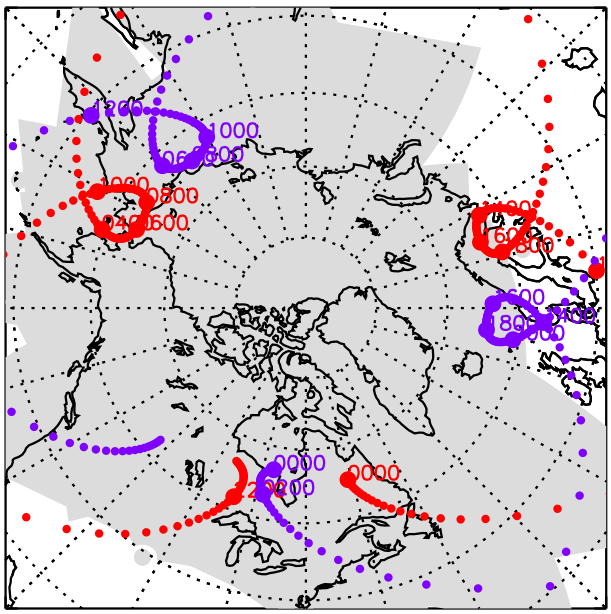


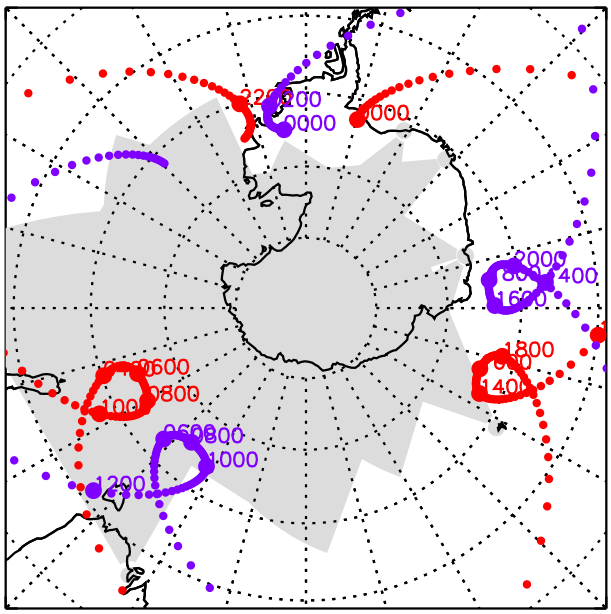

(c) 1950UT to 2355UT
bks cve fhe gbr kap sto wal
hal
−20
−10
0
10
20
Y_{GSE} (R_E)
20
10
0
−10
−20
X_{GSE} (R_E)

Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

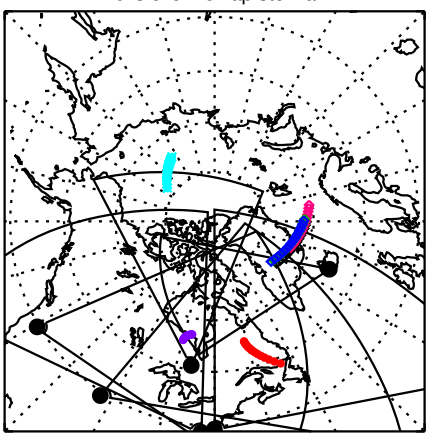
28–Jun–2015

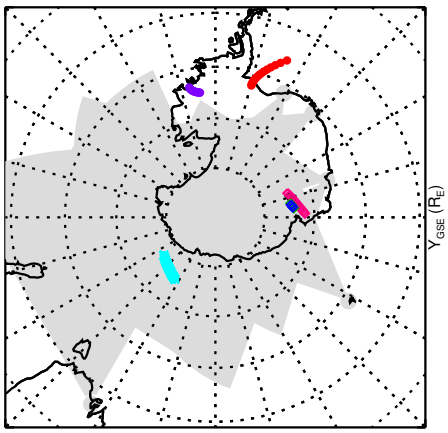
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

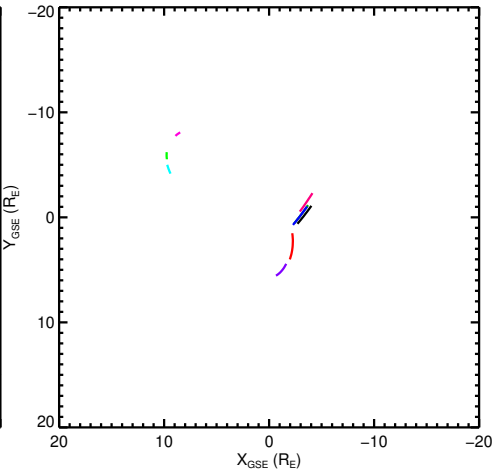




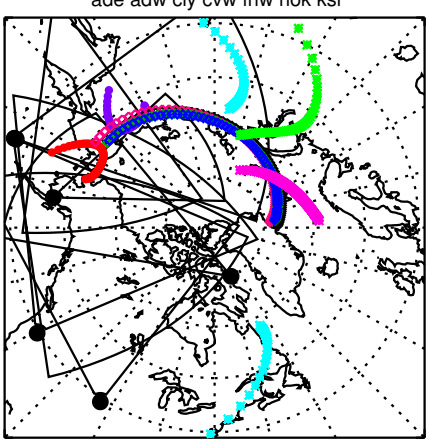
(a) 0000UT to 0115UT
bks cve fhe kap sto wal



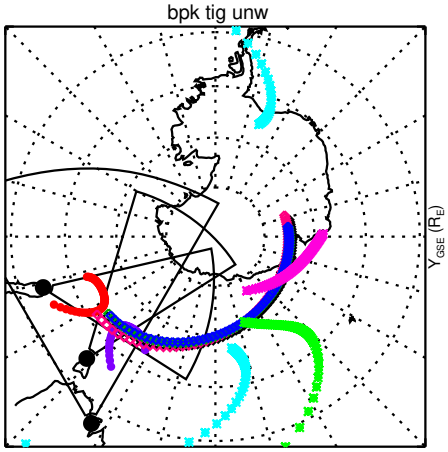


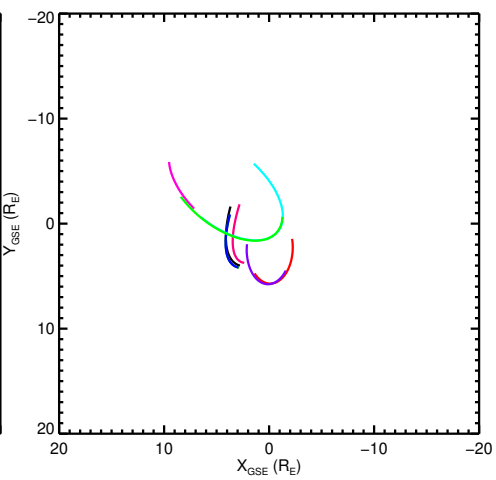


(b) 0450UT to 1015UT
ade adw cly cvw fhw hok ksr

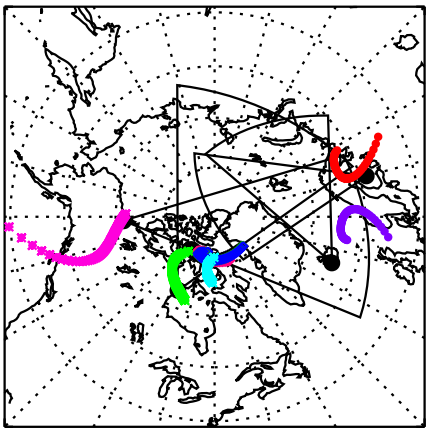


bpk tig unw

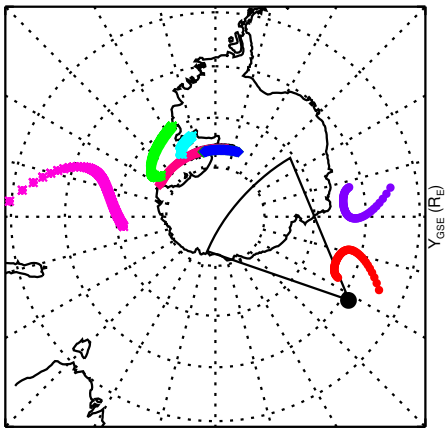


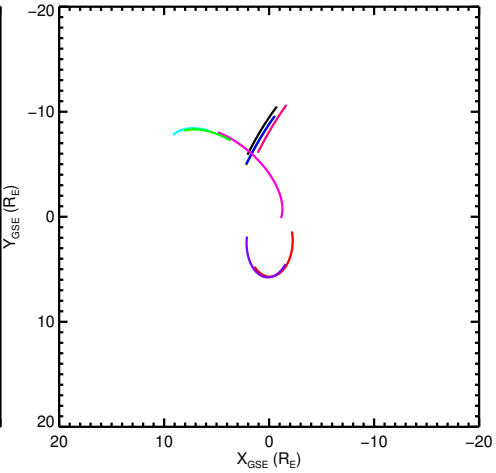


(c) 1350UT to 1915UT
han inv pyk rkn

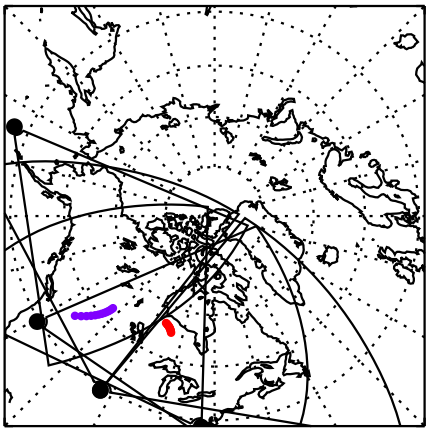


ker

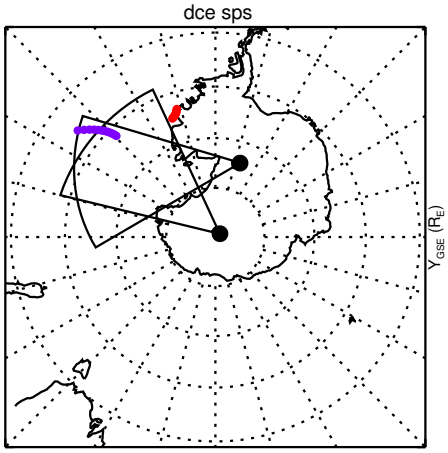


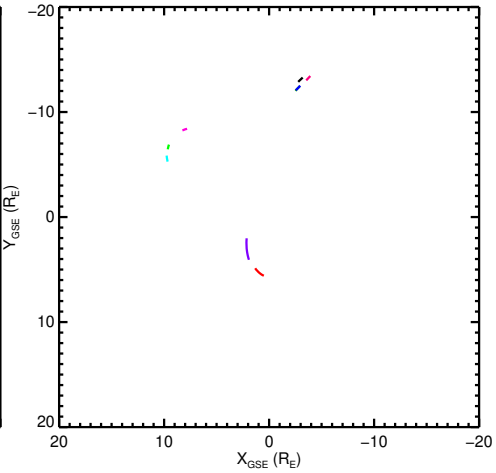


(d) 2255UT to 2355UT
ade bks cve fhe fhw



dce sps

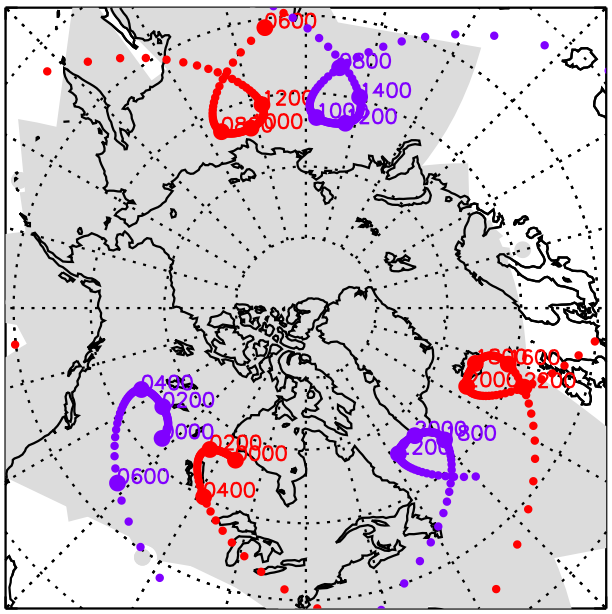


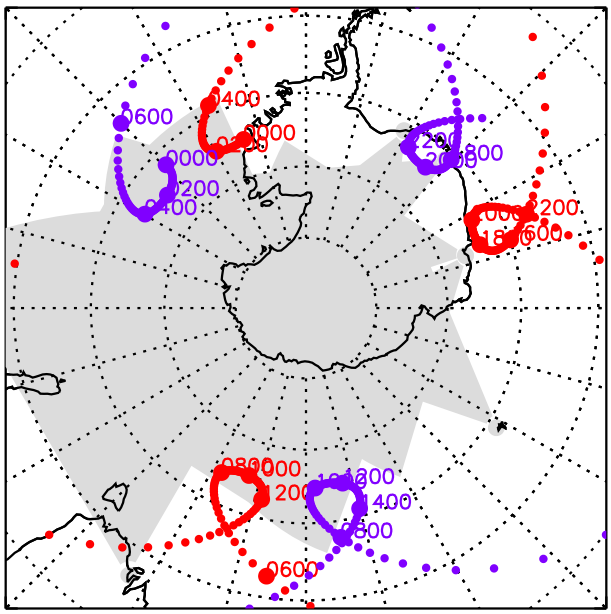


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

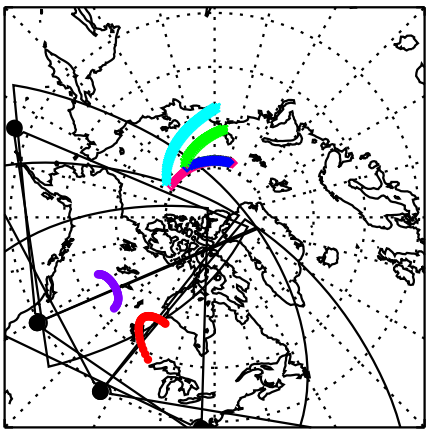
29–Jun–2015

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

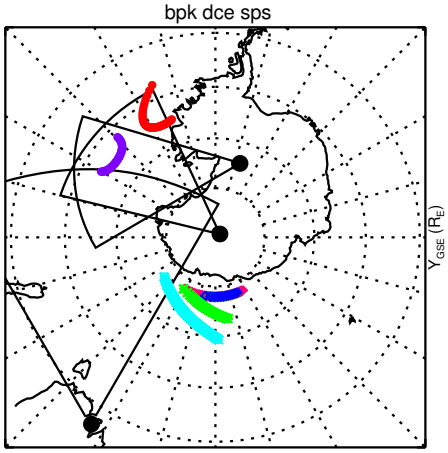


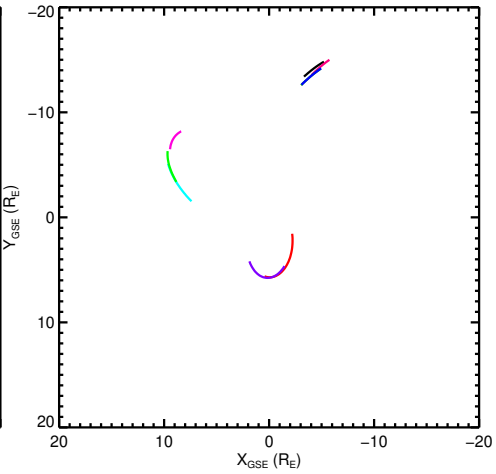


(a) 0000UT to 0410UT
ade bks cve cvw fhe fhw

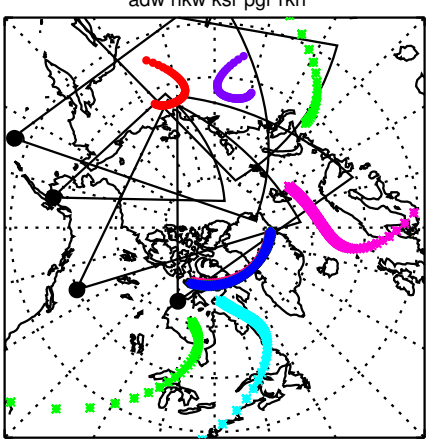


bpk dce sps

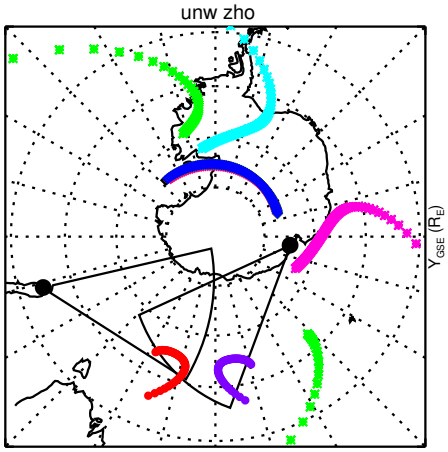


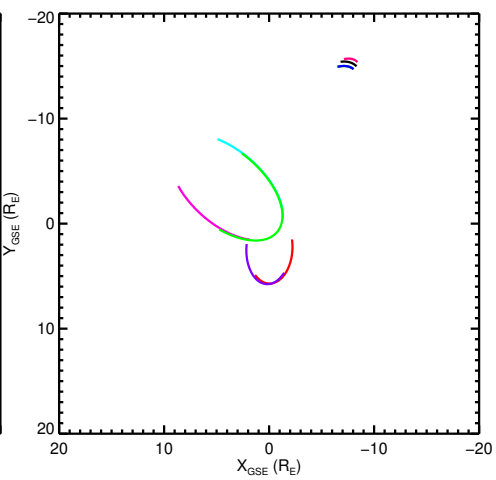


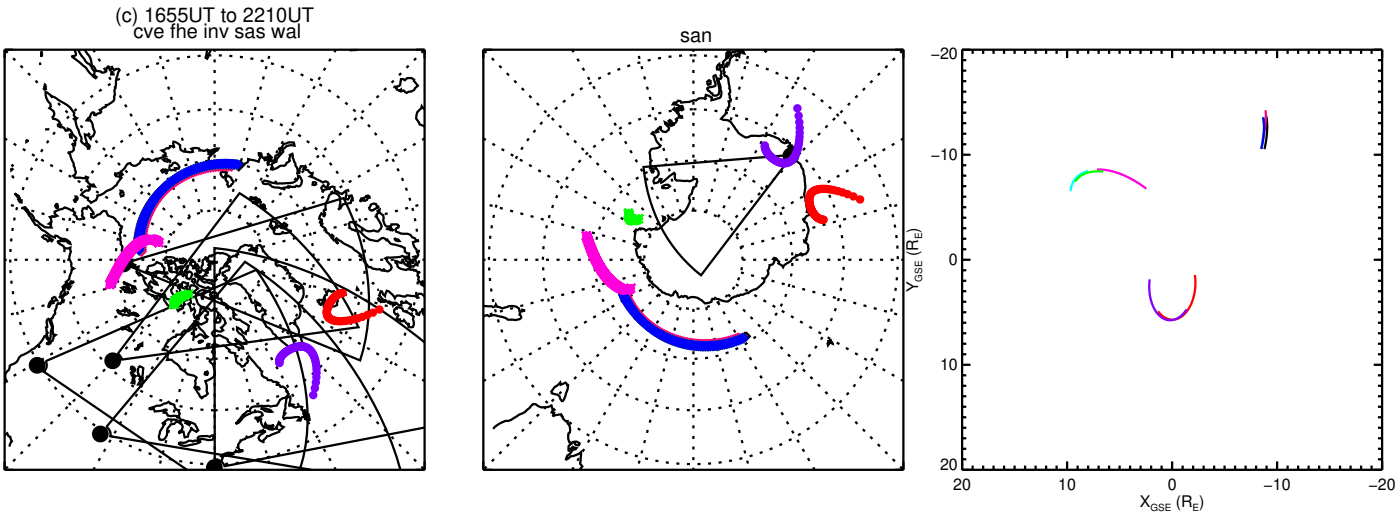
(b) 0755UT to 1310UT
adw hkw ksr pgr rkn



unw zho



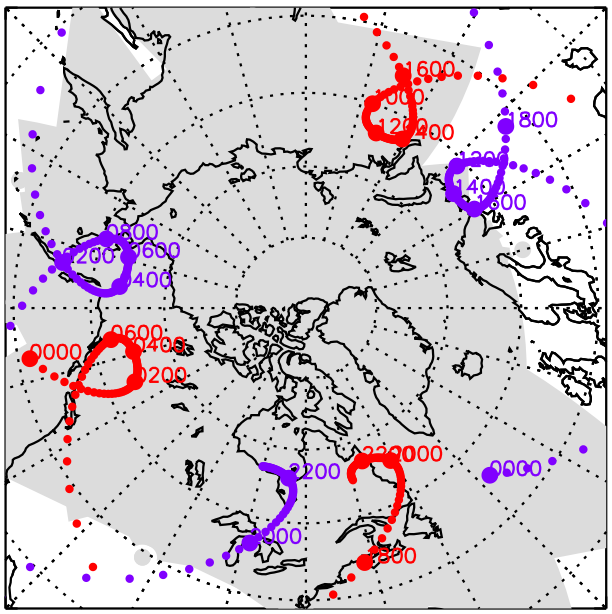


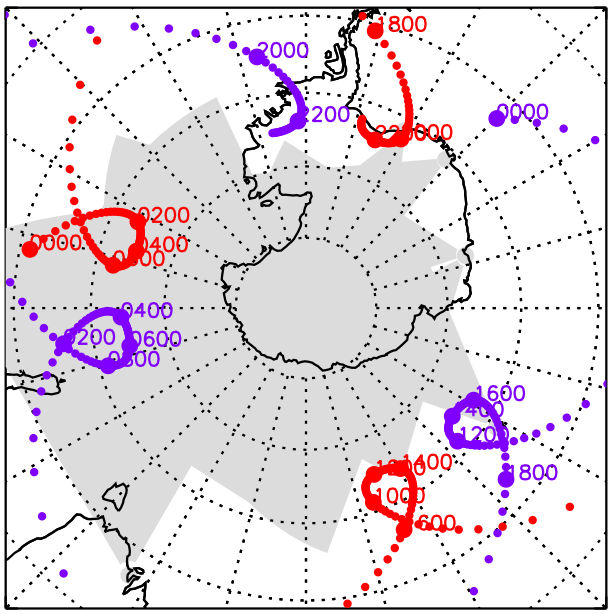

(c) 1655UT to 2210UT
cve fhe inv sas wal
san
−20
−10
0
10
20
Y_{GSE} (R_E)
20
10
0
−10
−20
X_{GSE} (R_E)

Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

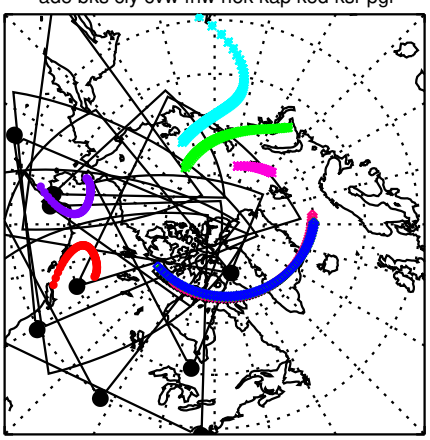
30–Jun–2015

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

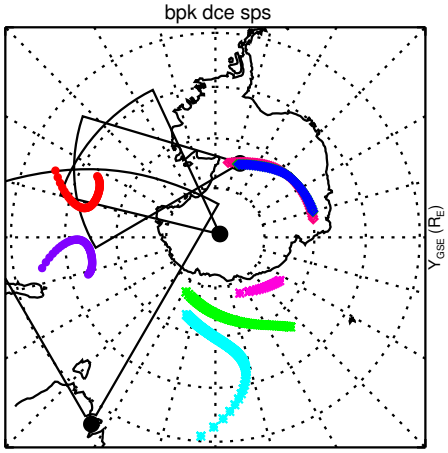


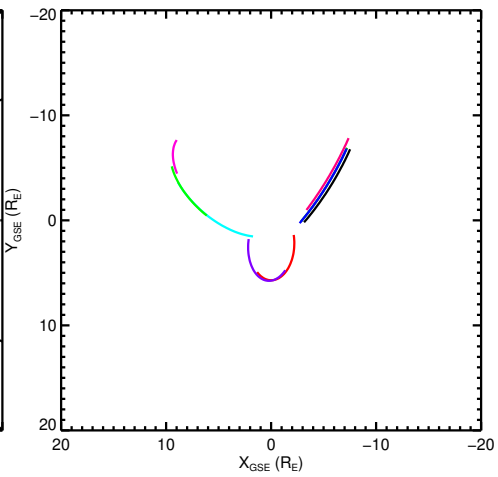


(a) 0155UT to 0710UT
ade bks cly cvw fhw hok kap kod ksr pgr

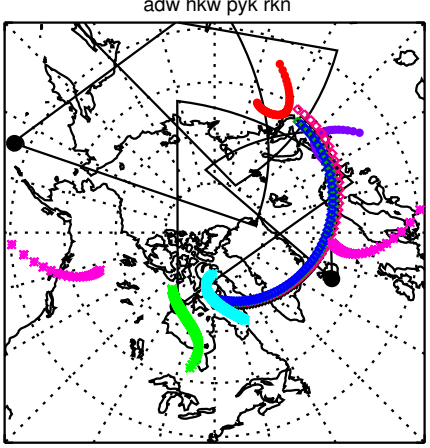


bpk dce sps

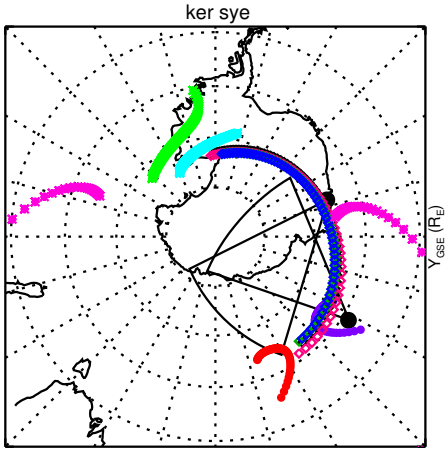


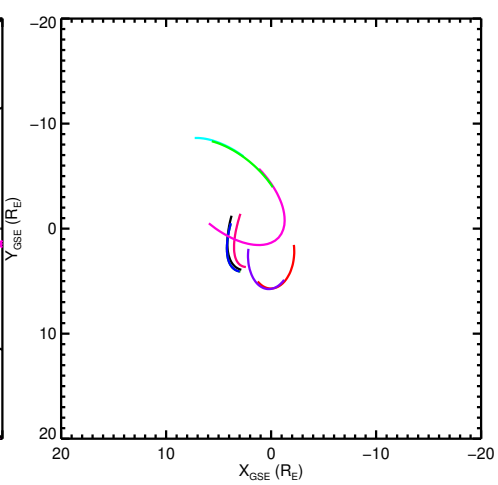


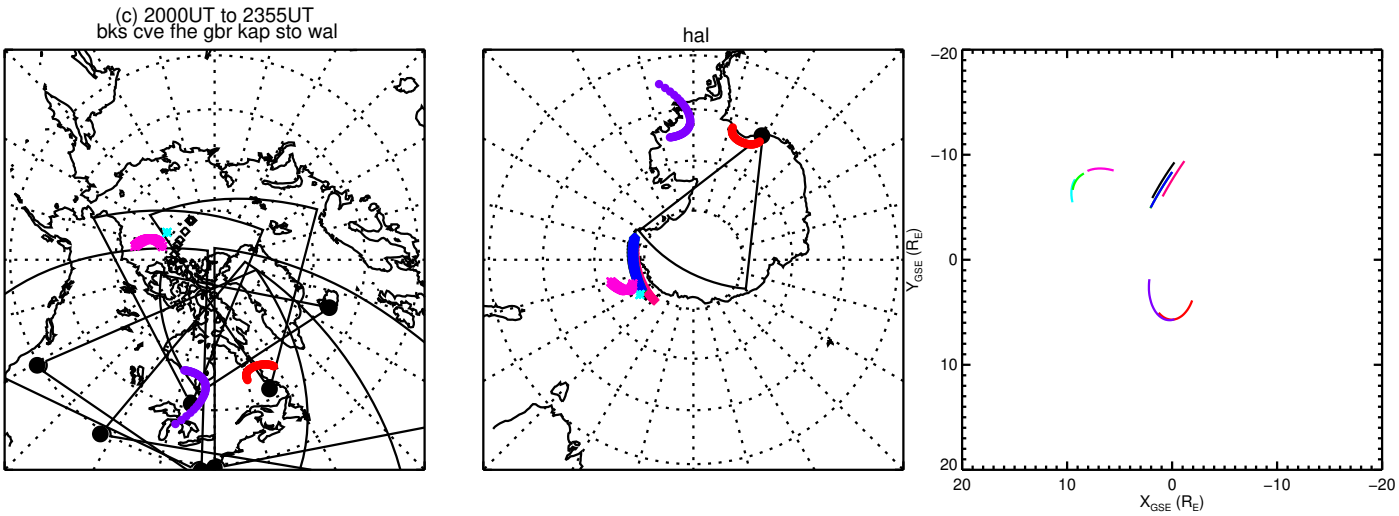
(b) 1100UT to 1605UT
adw hkw pyk rkn



ker sye






(c) 2000UT to 2355UT
bks cve fhe gbr kap sto wal
hal
−20
−10
0
10
20
Y_{GSE} (R_E)
20
10
0
−10
−20
X_{GSE} (R_E)