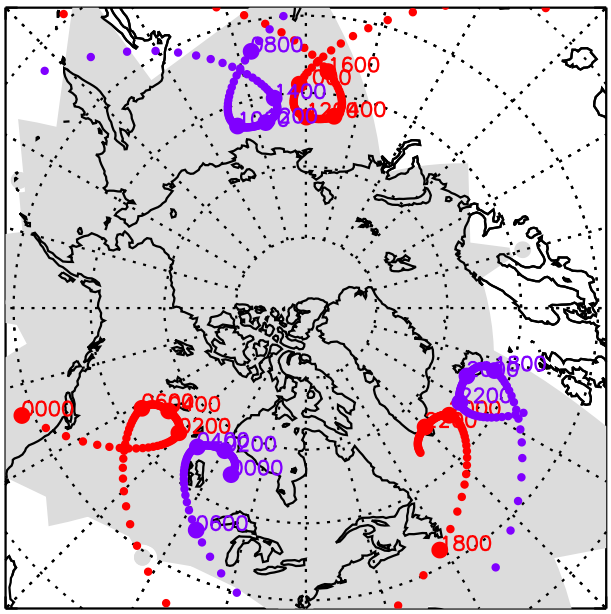
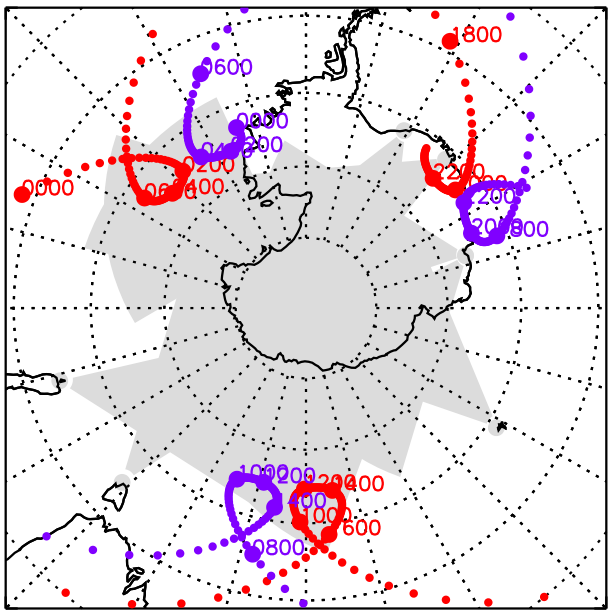
Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

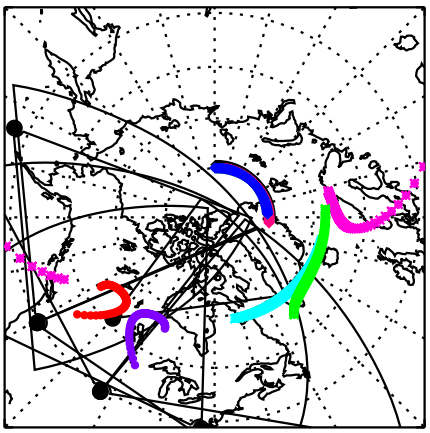
01–Aug–2013

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

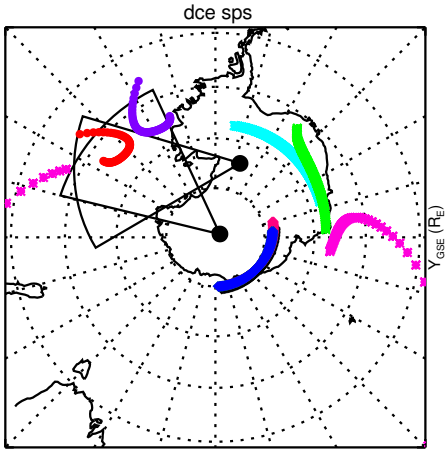


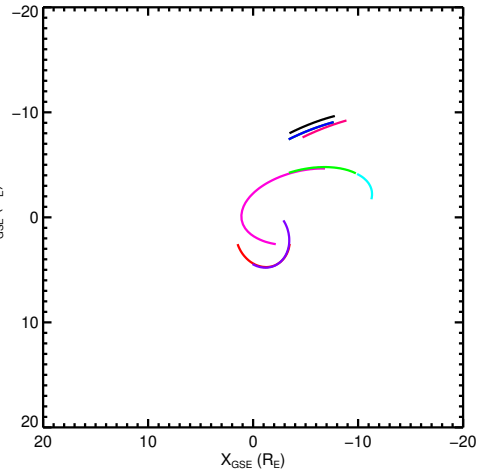


(a) 0025UT to 0555UT
ade bks cve cvw fhe fhw sas

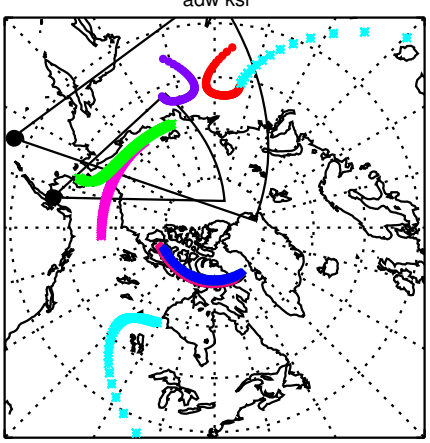


dce sps

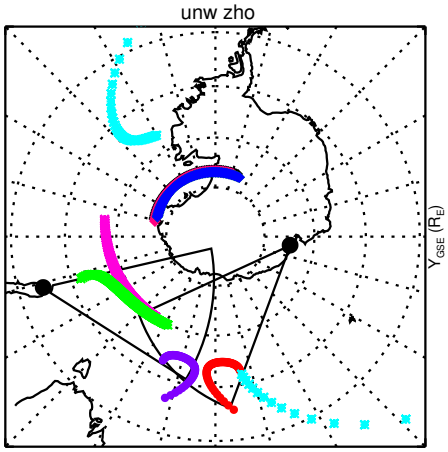


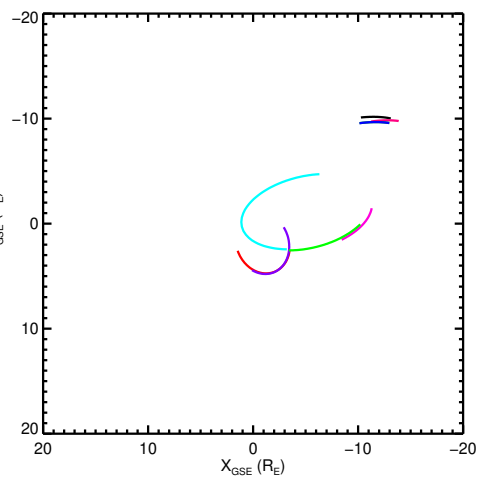


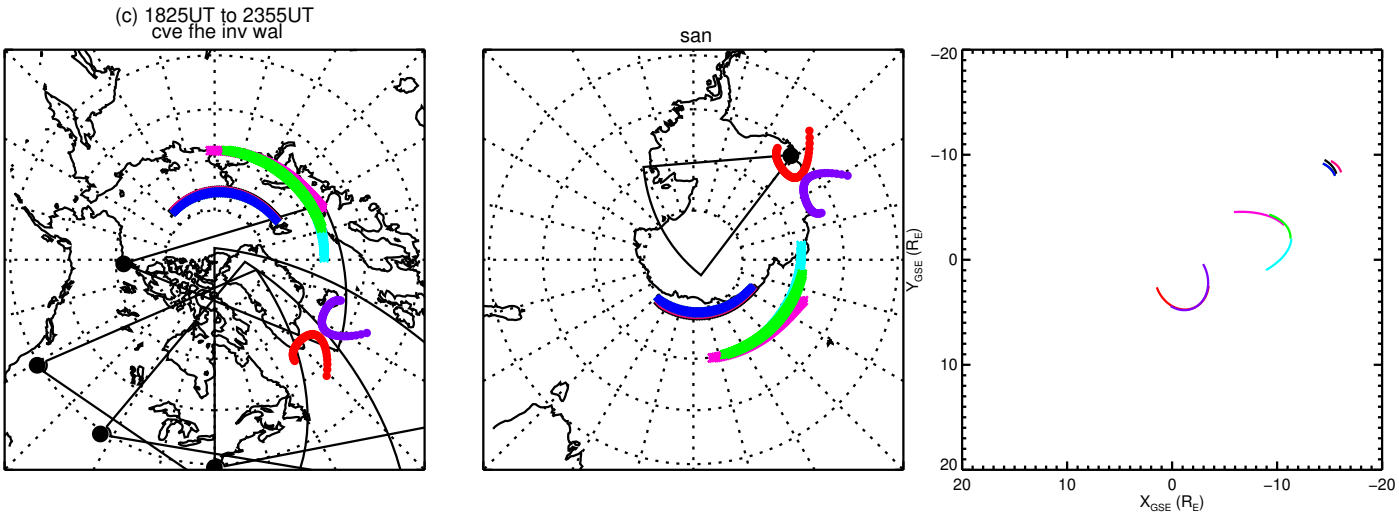
(b) 0925UT to 1455UT
adw ksr



unw zho



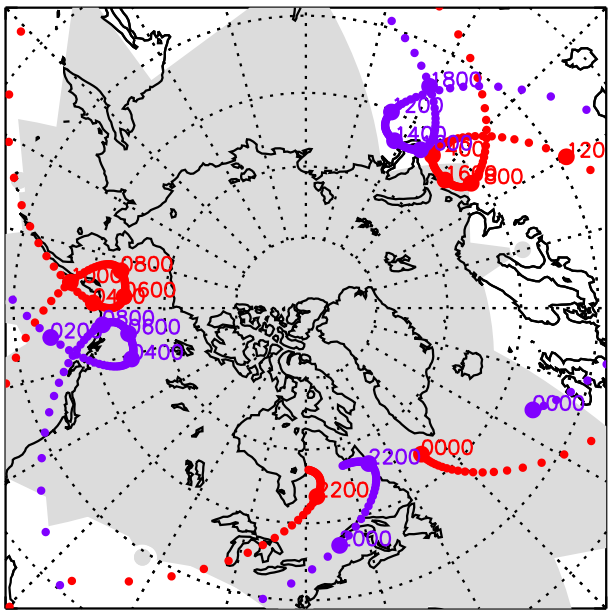


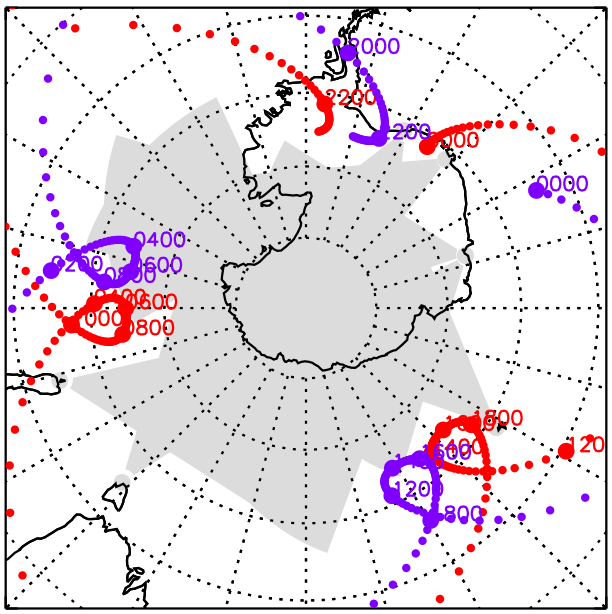

(c) 1825UT to 2355UT
cve fhe inv wal
san
−20
−10
0
10
20
Y_{GSE} (R_E)
20
10
0
−10
−20
X_{GSE} (R_E)

Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

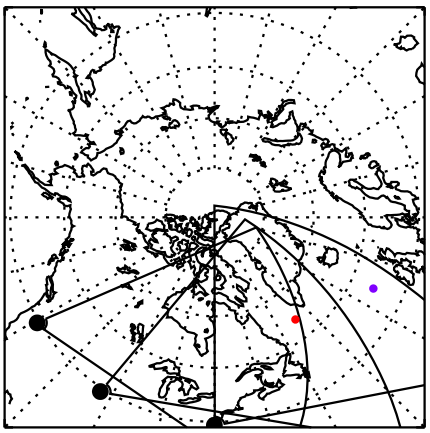
02–Aug–2013

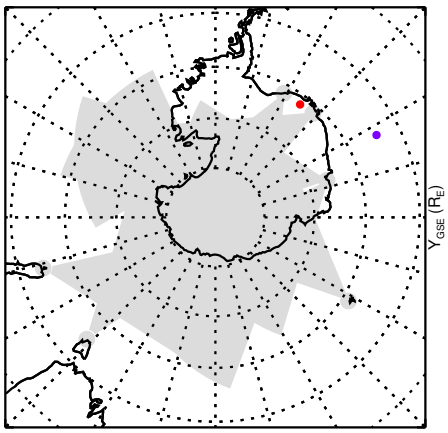
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

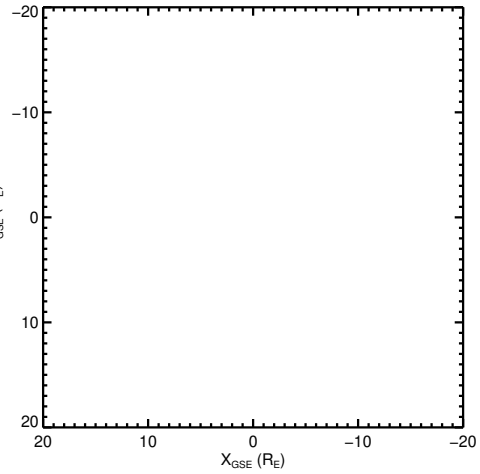




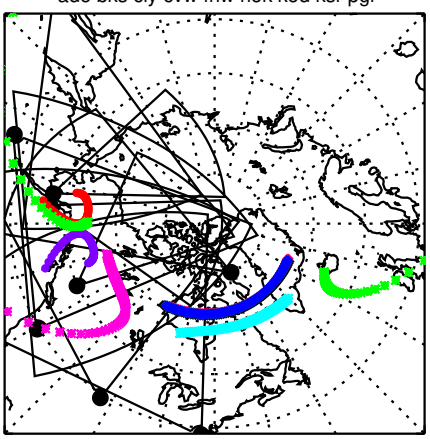
(a) 0000UT to 0000UT
cve fhe wal



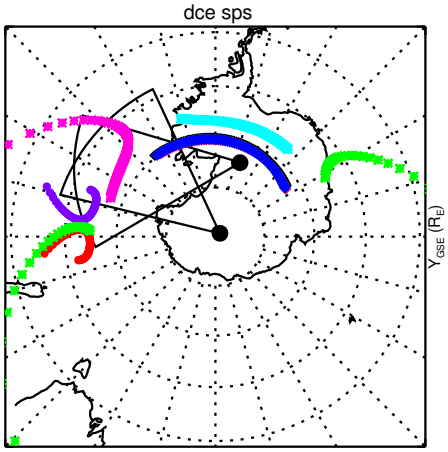


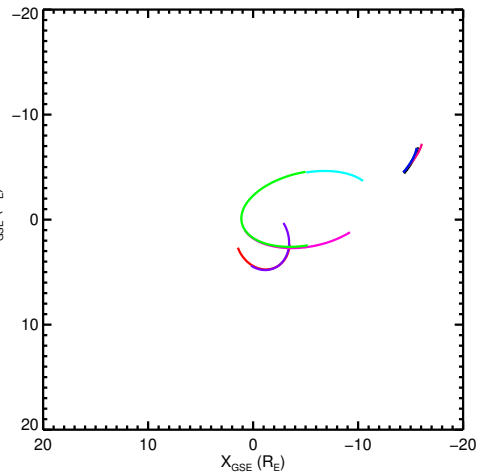


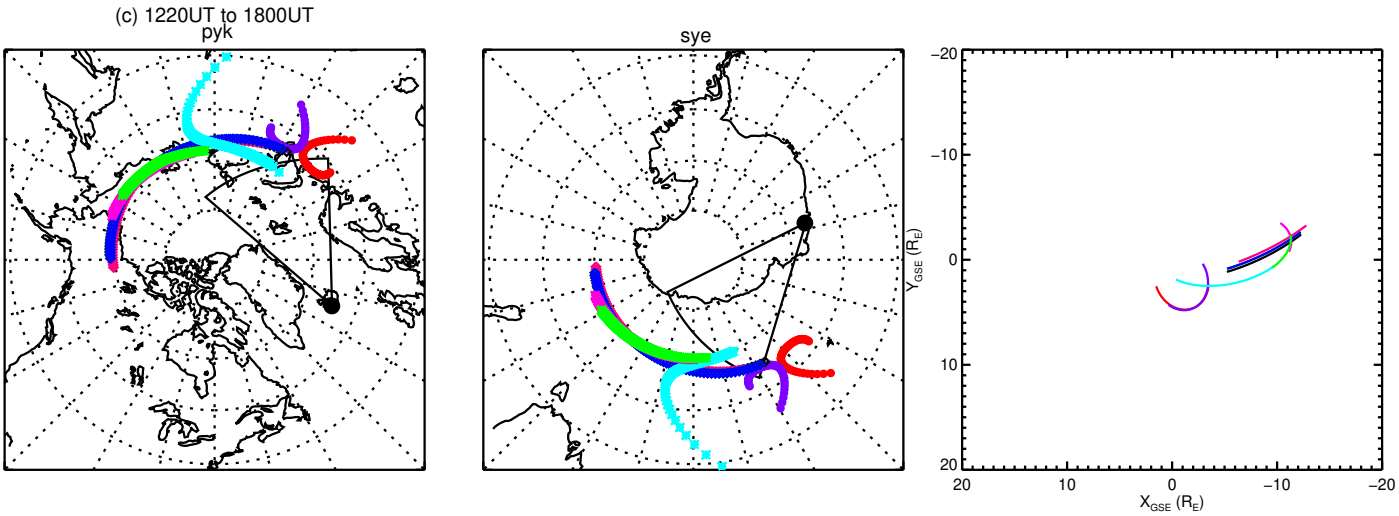
(b) 0325UT to 0900UT
ade bks cly cvw fhw hok kod ksr pgr

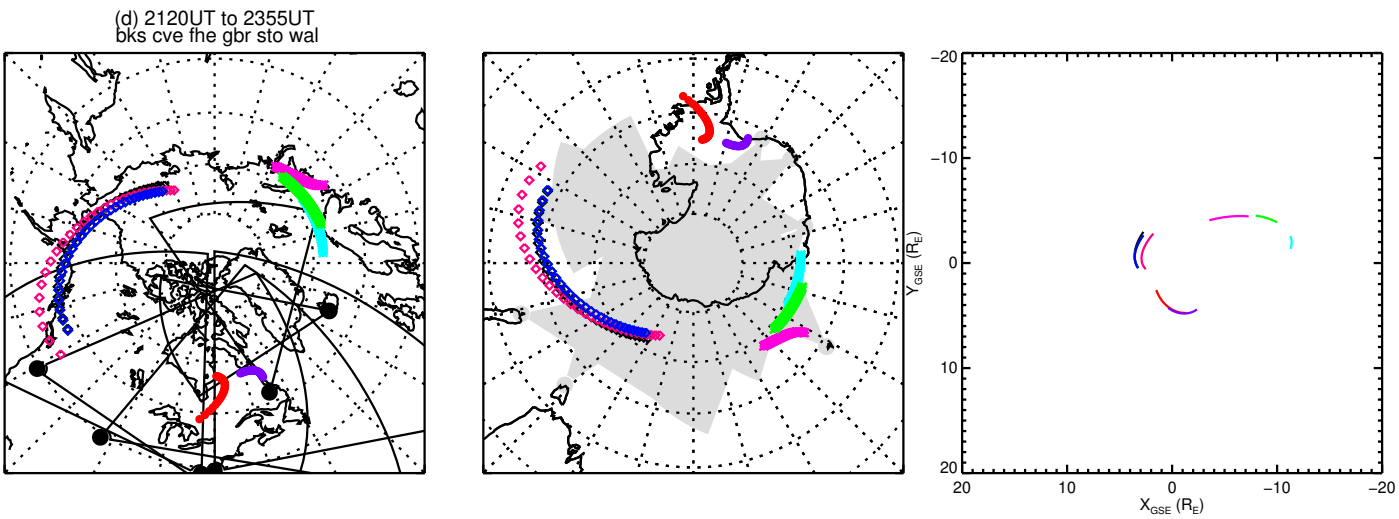


dce sps





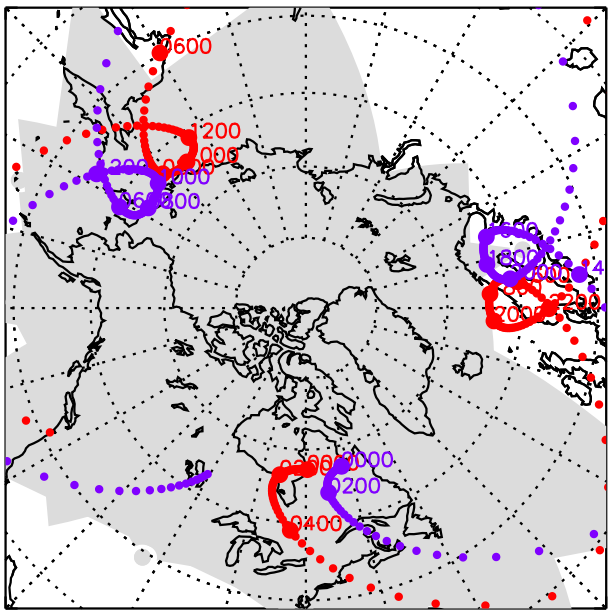

(c) 1220UT to 1800UT
pyk
sye
−20
−10
0
10
20
Y_{GSE} (R_E)
20
10
0
−10
−20
X_{GSE} (R_E)

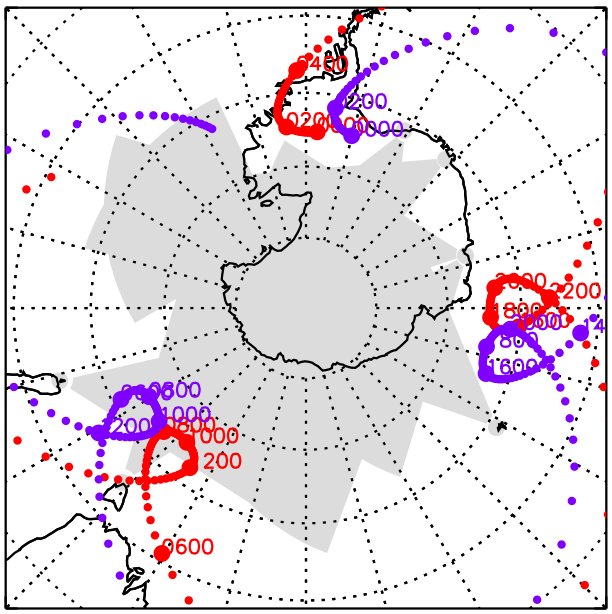

(d) 2120UT to 2355UT
bks cve fhe gbr sto wal
−20
−10
0
10
20
Y_{GSE} (R_E)
20
10
0
−10
−20
X_{GSE} (R_E)

Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

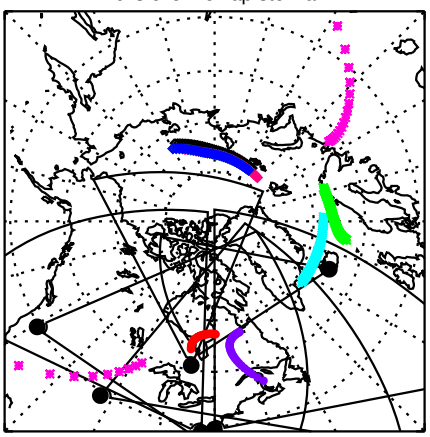
03–Aug–2013

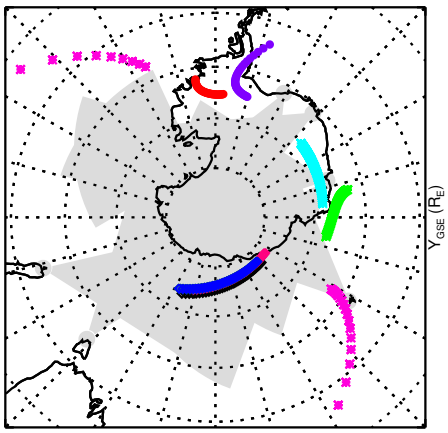
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

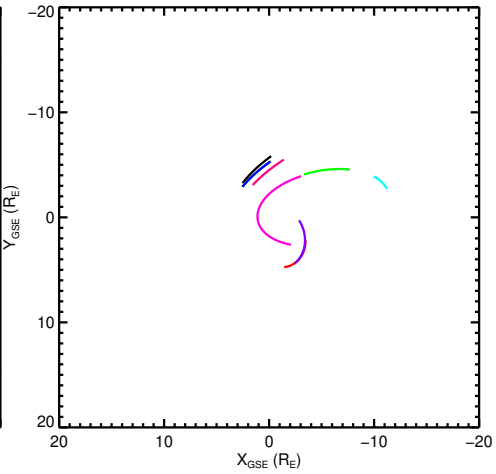




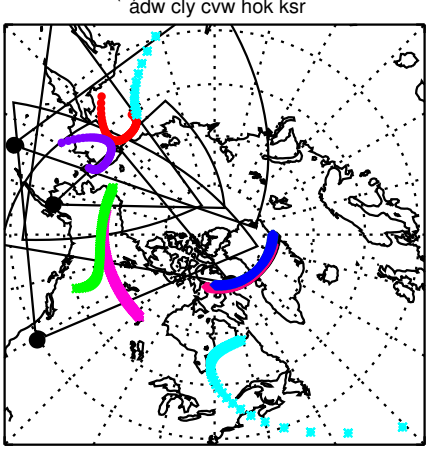
(a) 0000UT to 0305UT
bks cve fhe kap sto wal



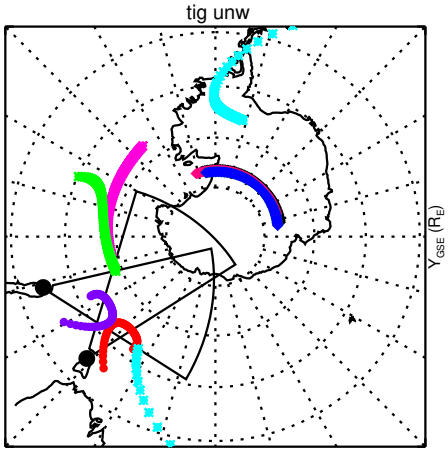


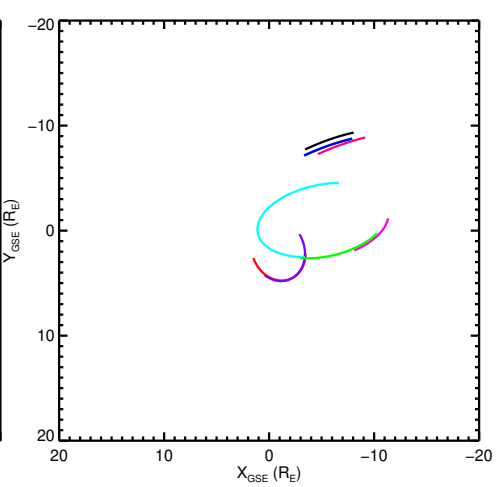


(b) 0620UT to 1205UT
adw cly cvw hok ksr

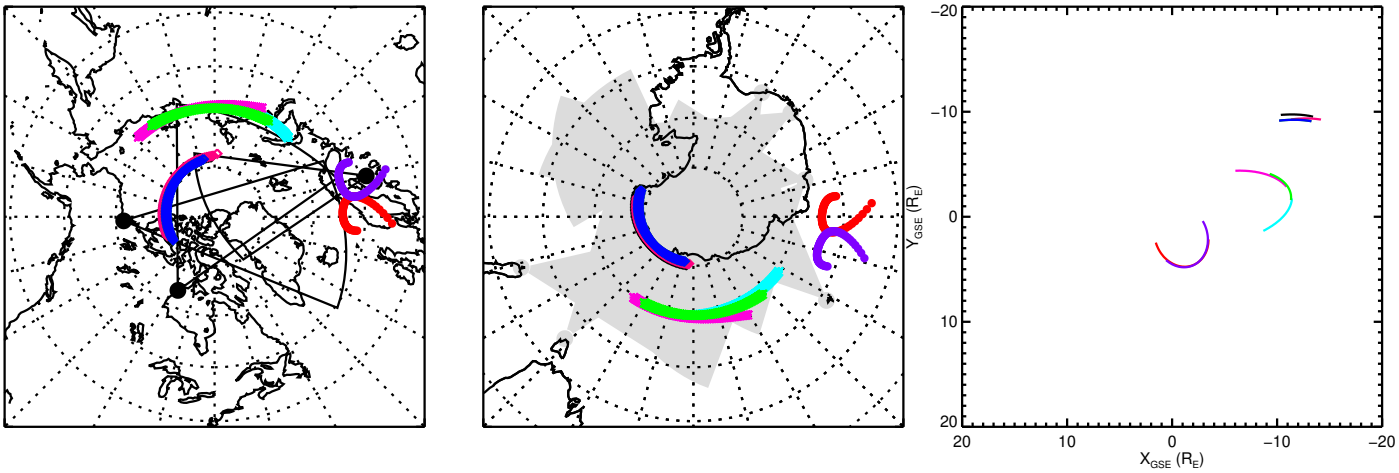


tig unw





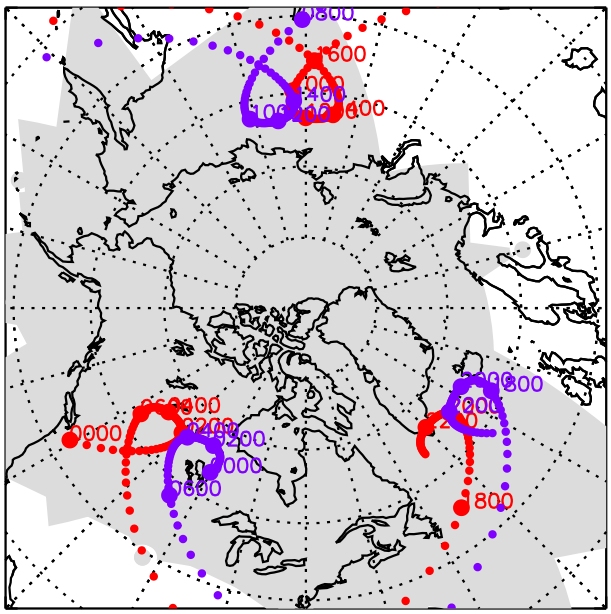
(c) 1515UT to 2105UT
han inv rkn

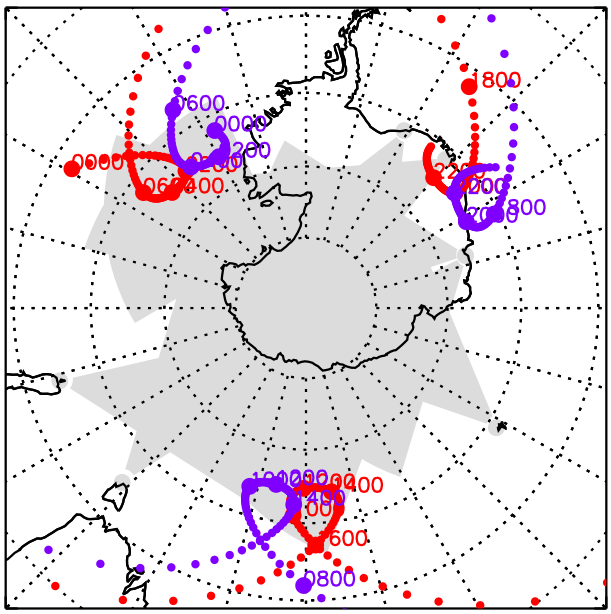


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

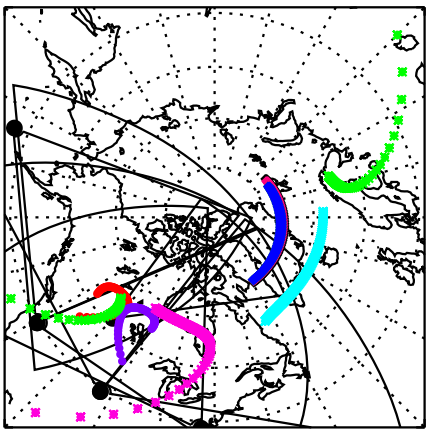
04–Aug–2013

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

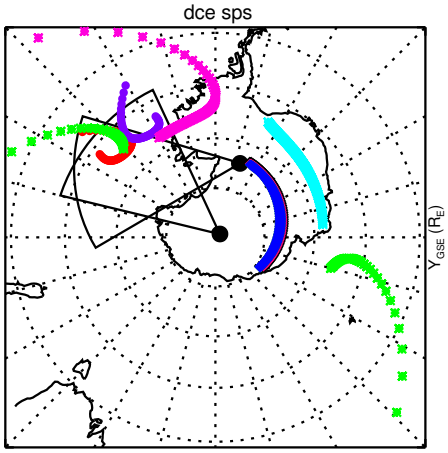


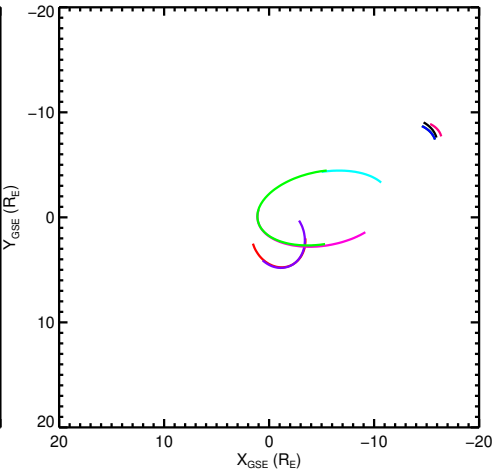


(a) 0015UT to 0610UT
ade bks cve cvw fhe fhw sas

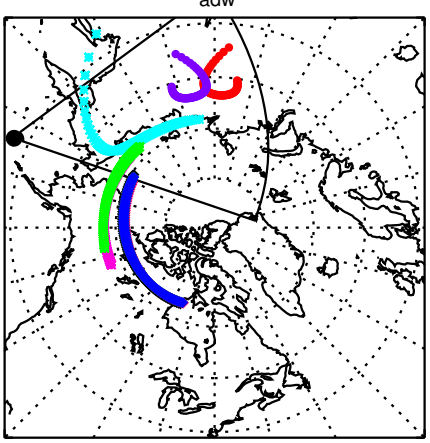


dce sps

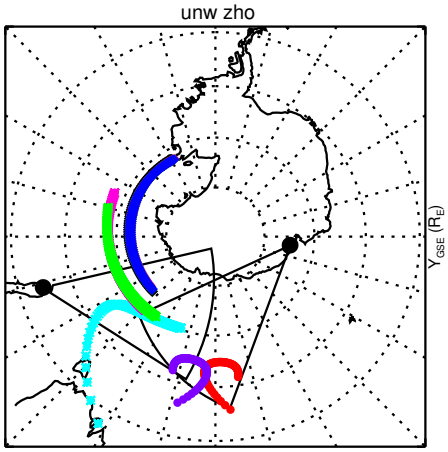


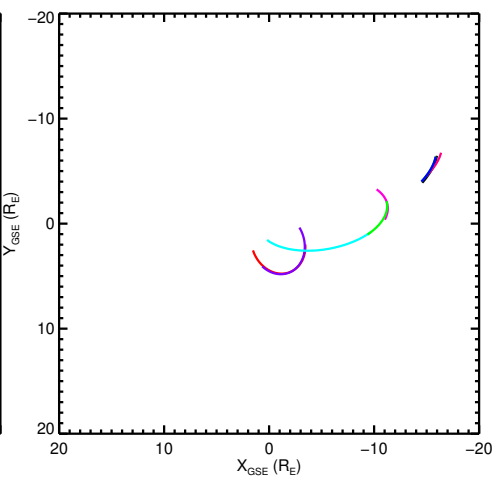


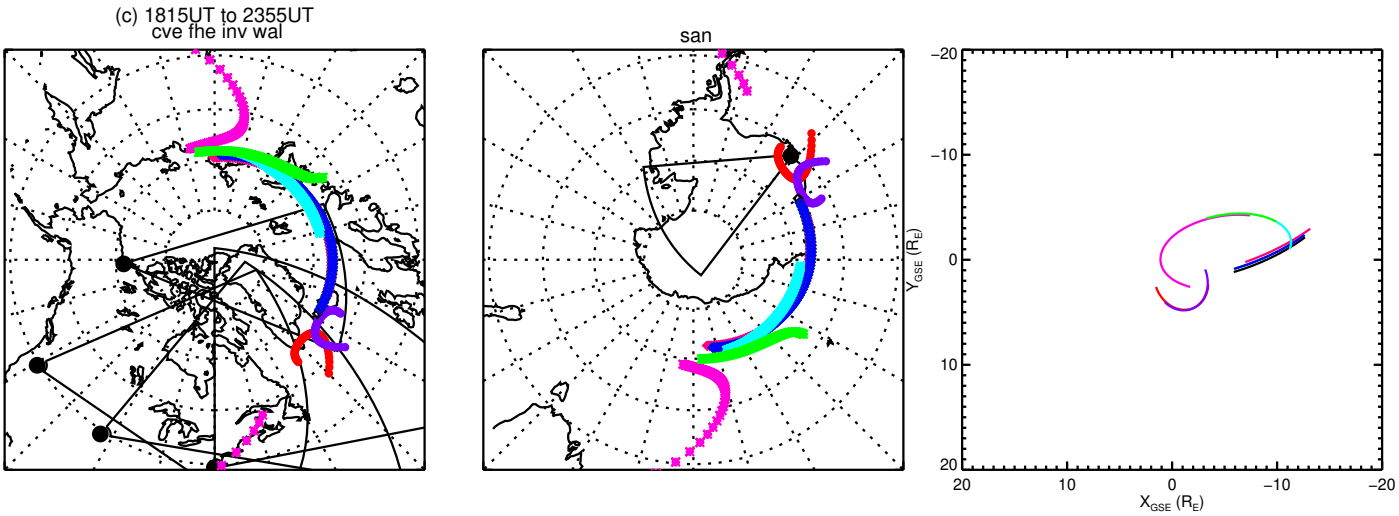
(b) 0915UT to 1510UT
adw



unw zho



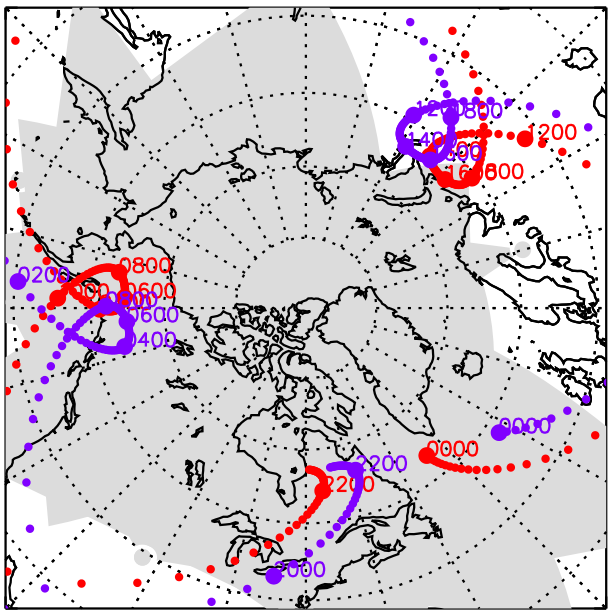


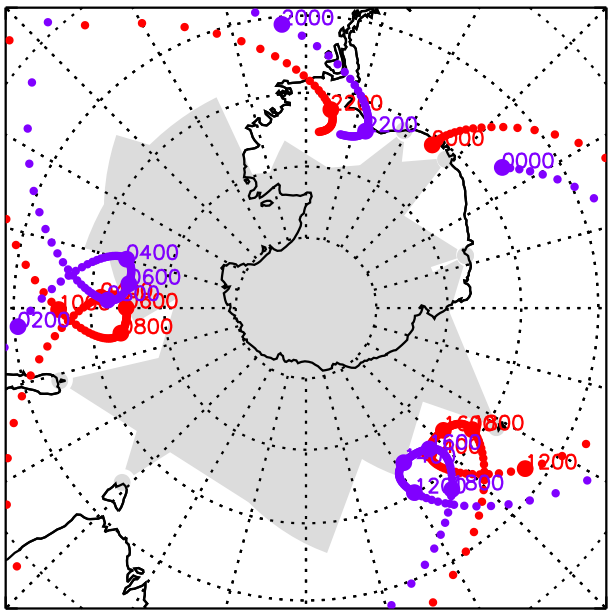

(c) 1815UT to 2355UT
cve fhe inv wal
san
−20
−10
0
10
20
Y_{GSE} (R_E)
20
10
0
−10
−20
X_{GSE} (R_E)

Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

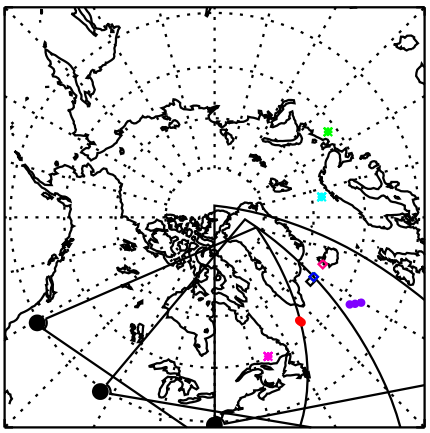
05–Aug–2013

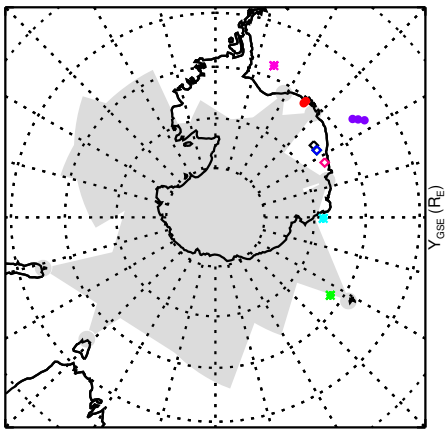
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

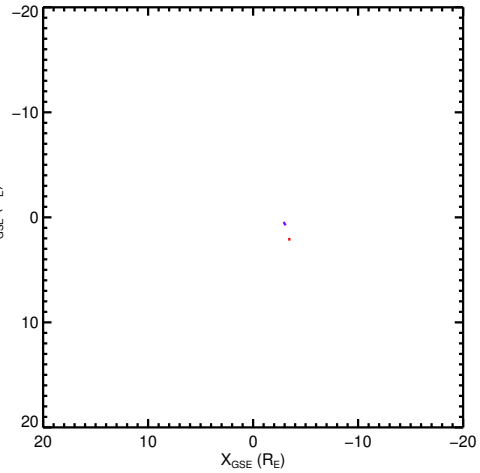




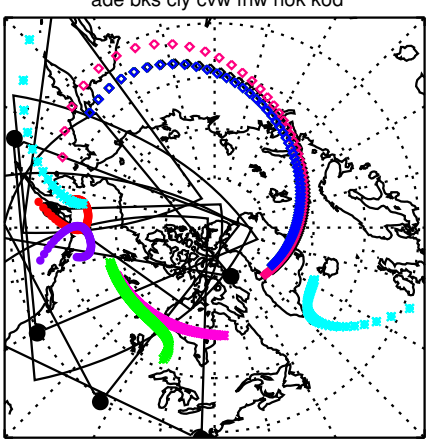
(a) 0000UT to 0010UT
cve fhe wal



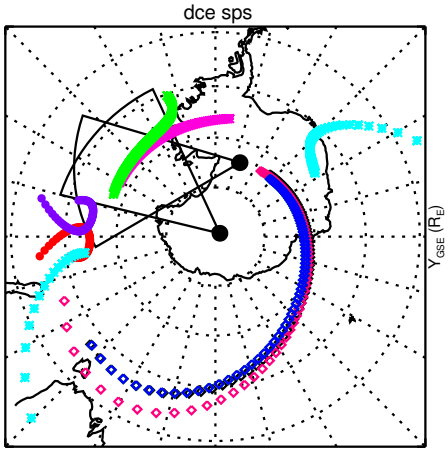


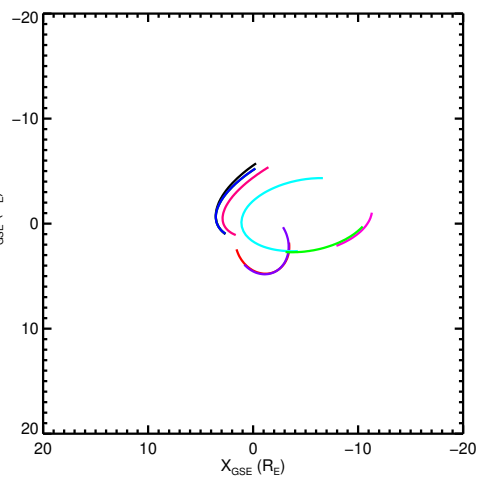


(b) 0310UT to 0915UT
ade bks cly cvw fhw hok kod

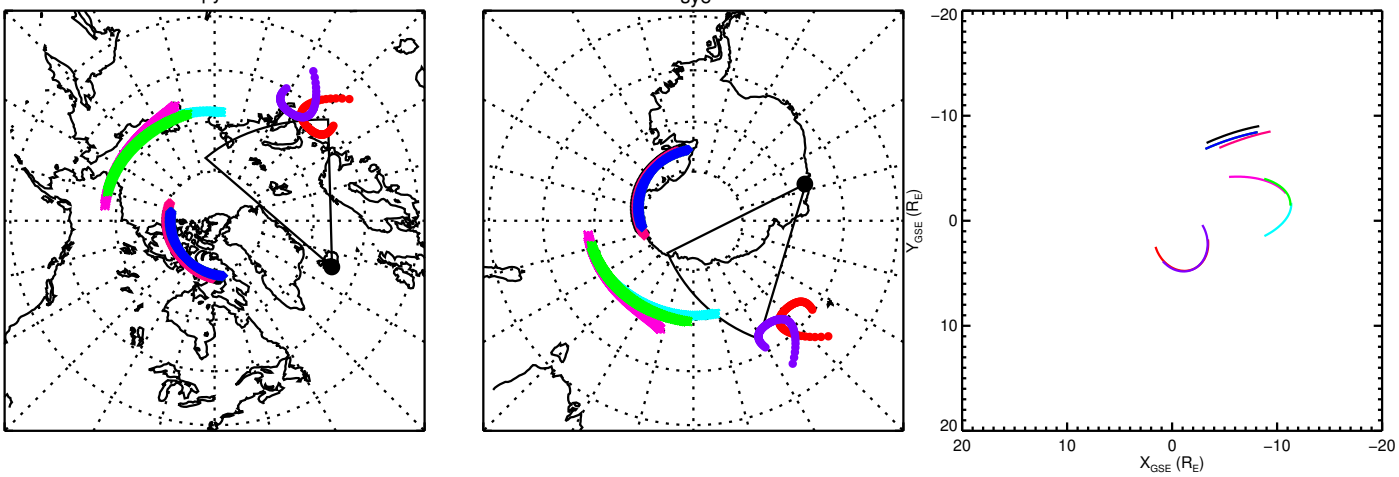


dce sps

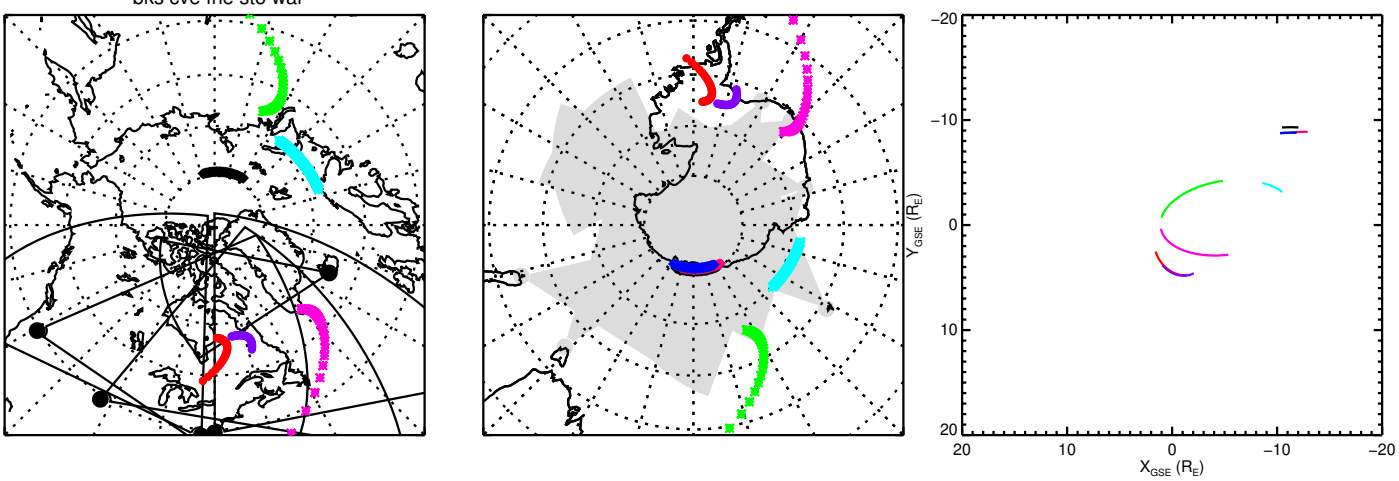




(c) 1210UT to 1815UT



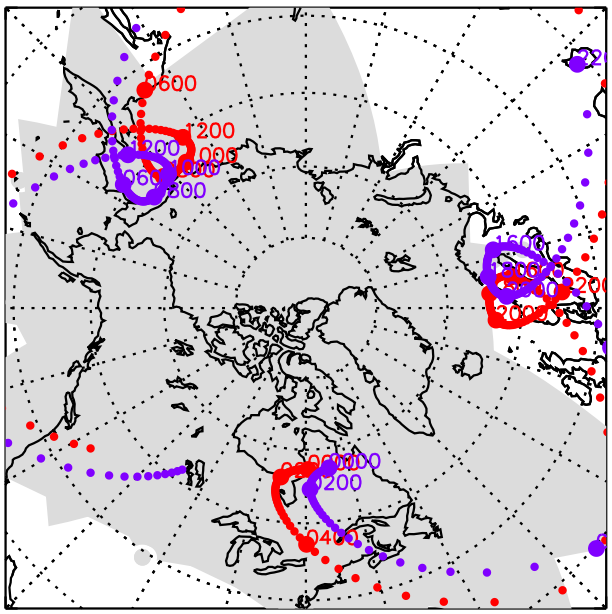
(d) 2110UT to 2355UT

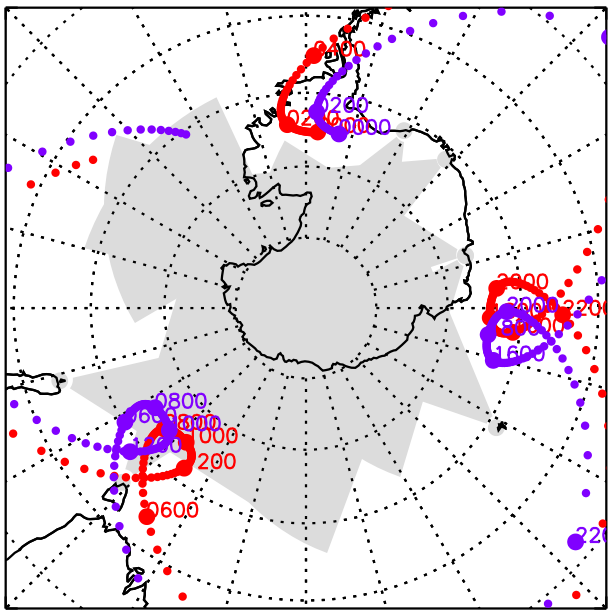


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

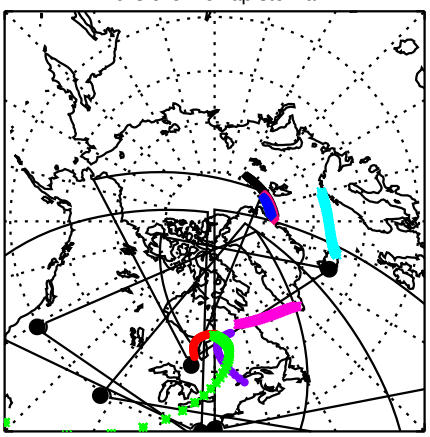
06–Aug–2013

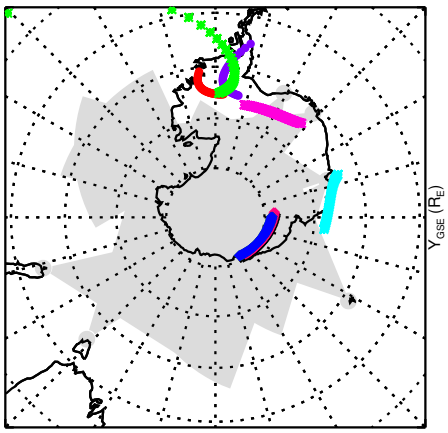
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

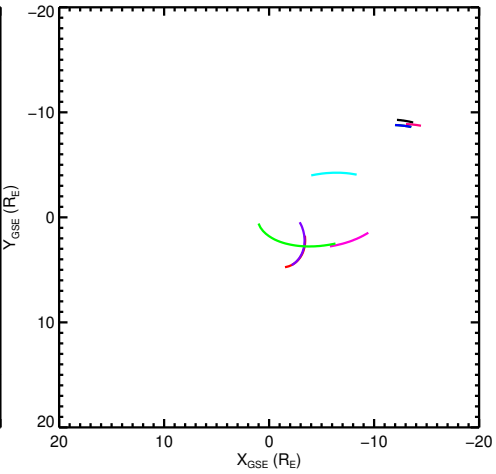




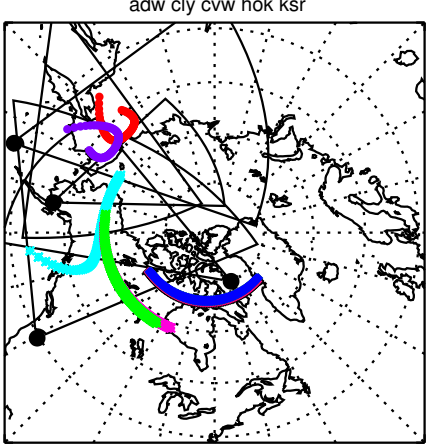
(a) 0000UT to 0315UT
bks cve fhe kap sto wal



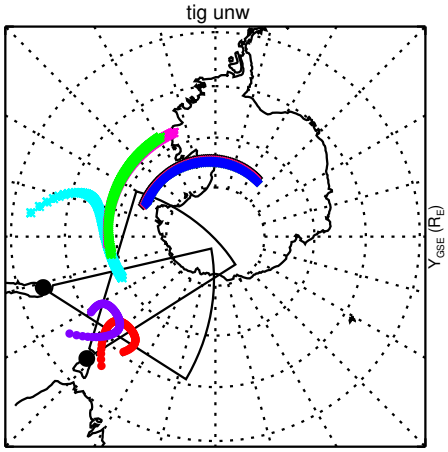


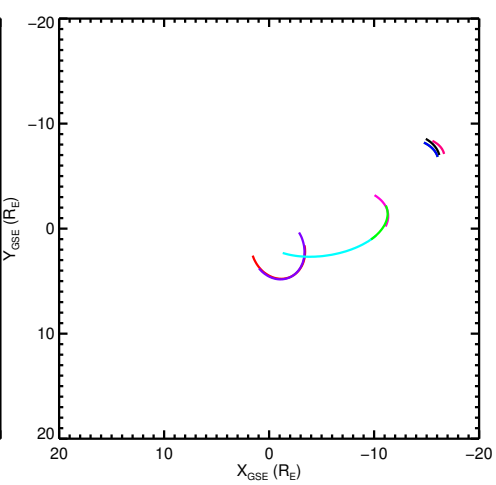


(b) 0610UT to 1220UT
adw cly cvw hok ksr

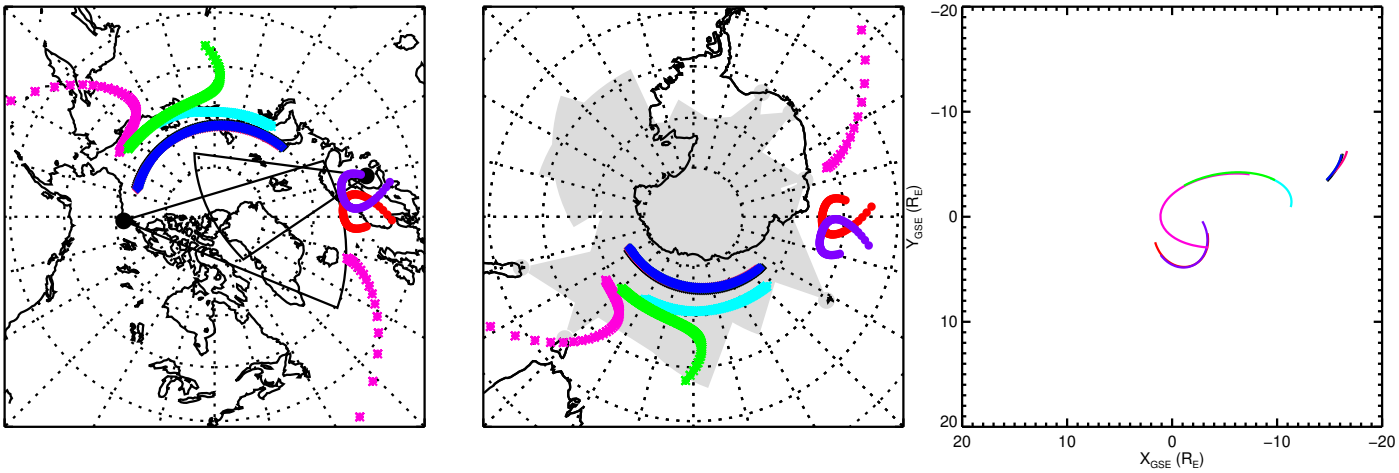


tig unw





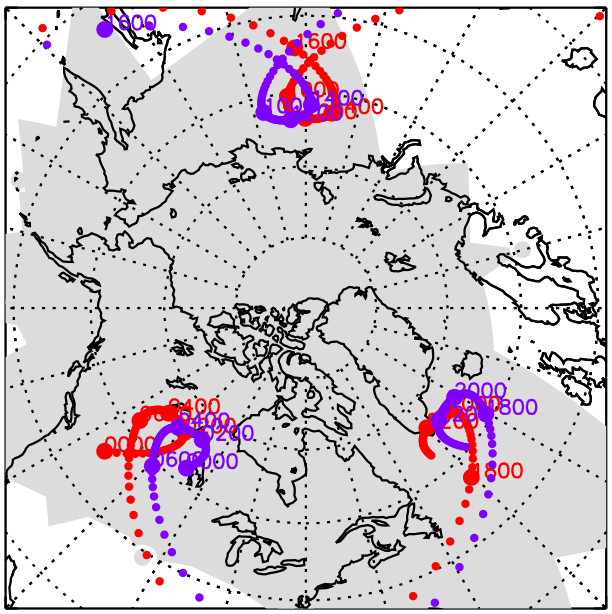
(c) 1505UT to 2120UT
han inv

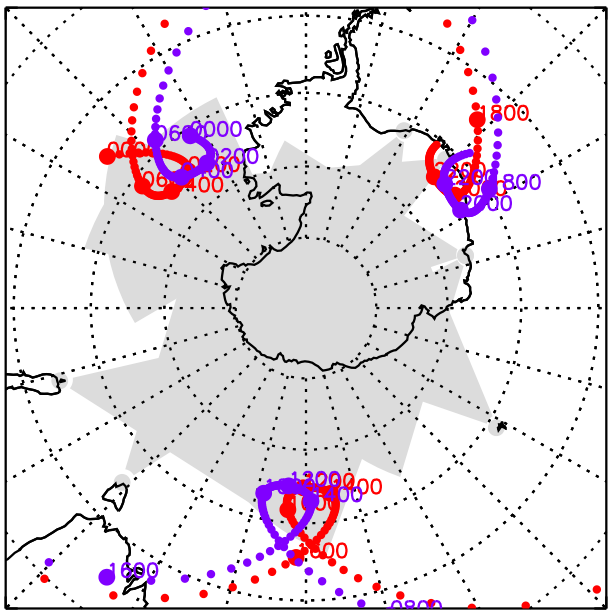


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

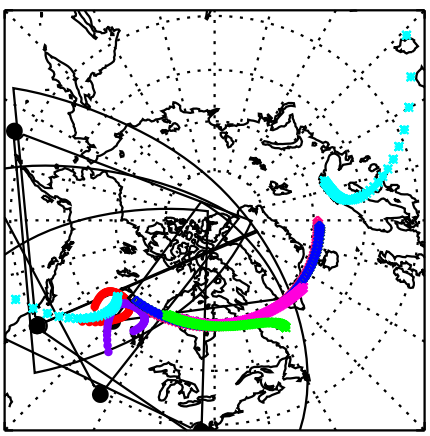
07–Aug–2013

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

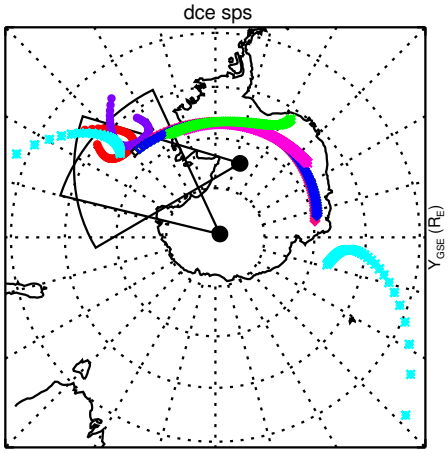


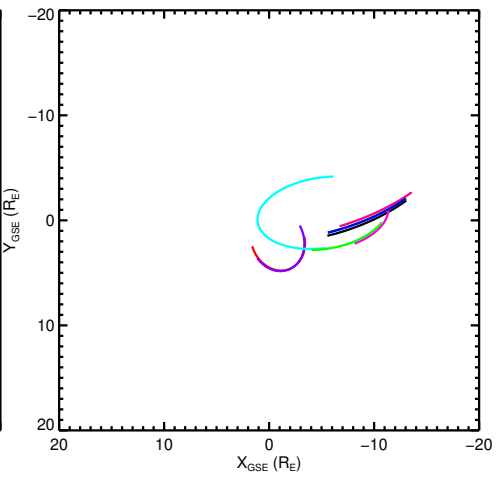


(a) 0005UT to 0620UT
ade bks cve cvw fhw sas

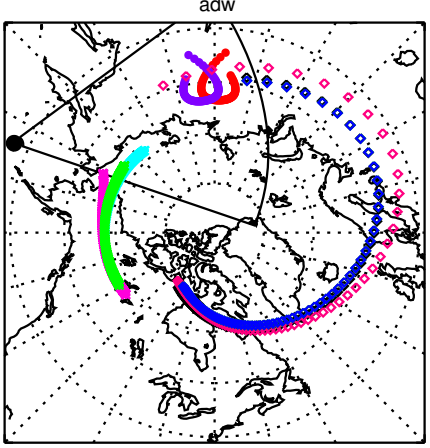


dce sps

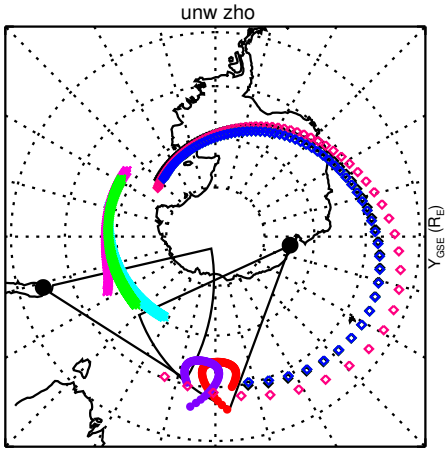


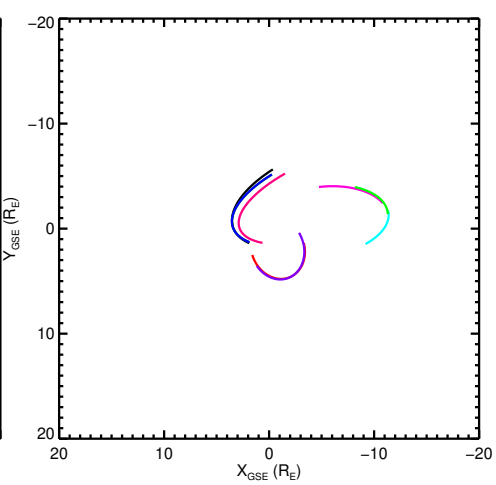


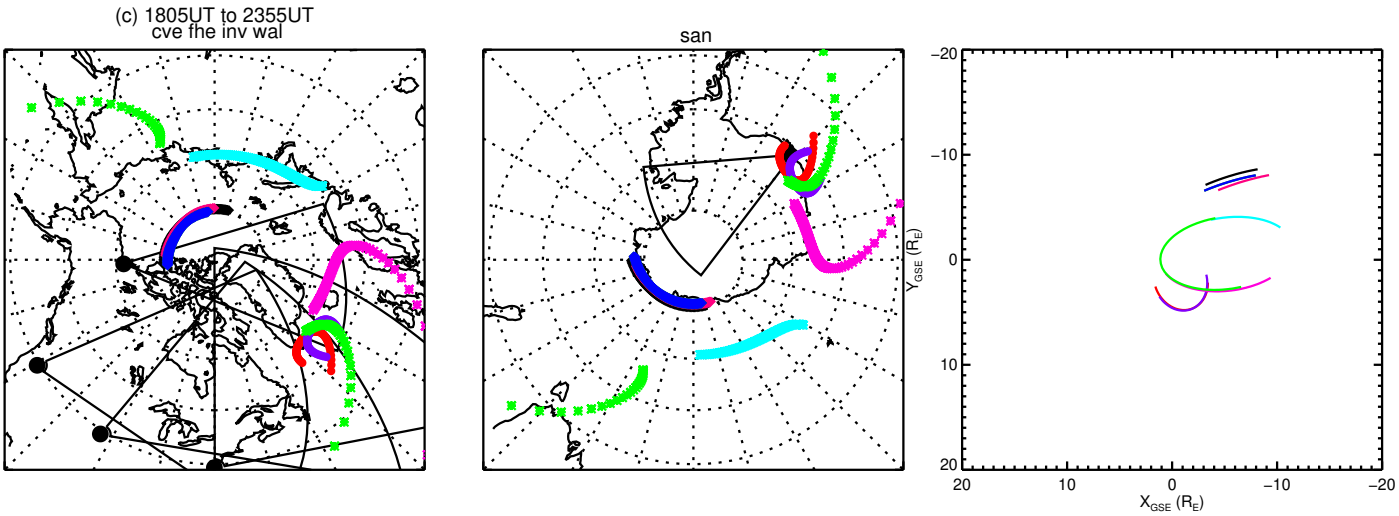
(b) 0905UT to 1525UT
adw



unw zho



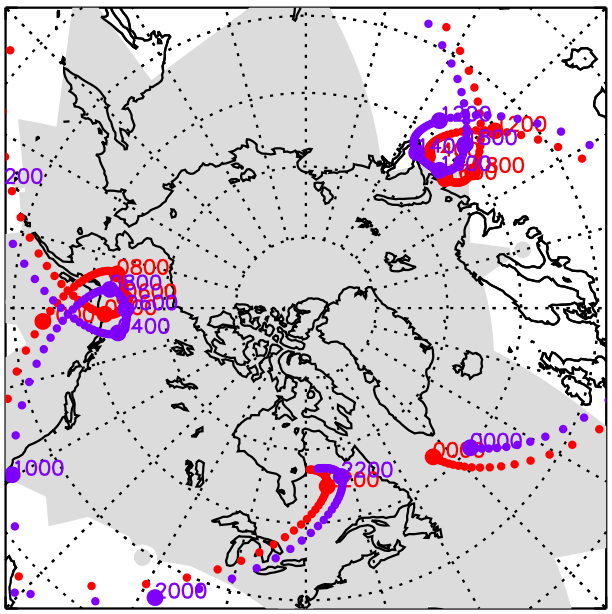


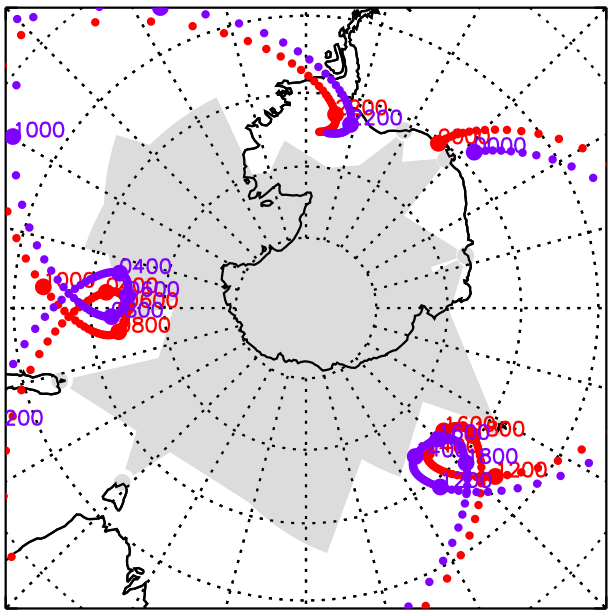

(c) 1805UT to 2355UT
cve fhe inv wal
san
−20
−10
0
10
20
Y_{GSE} (R_E)
20
10
0
−10
−20
X_{GSE} (R_E)

Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

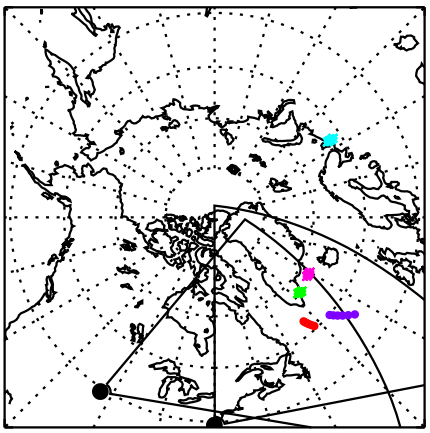
08–Aug–2013

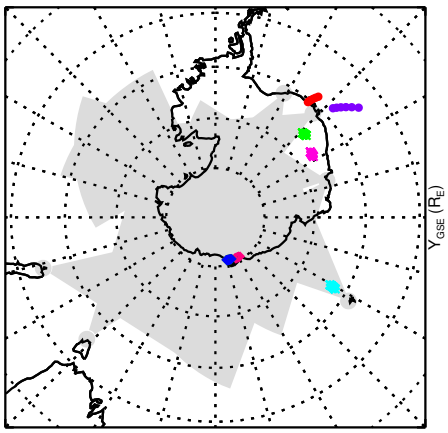
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

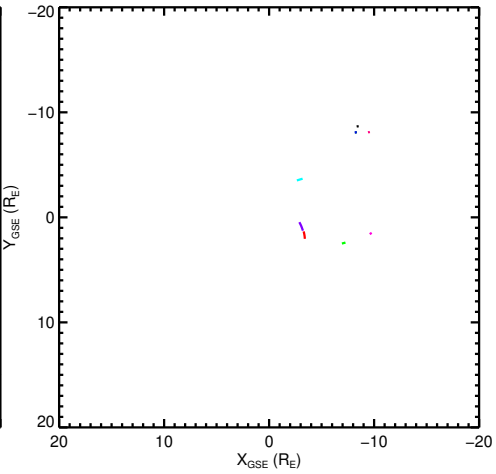




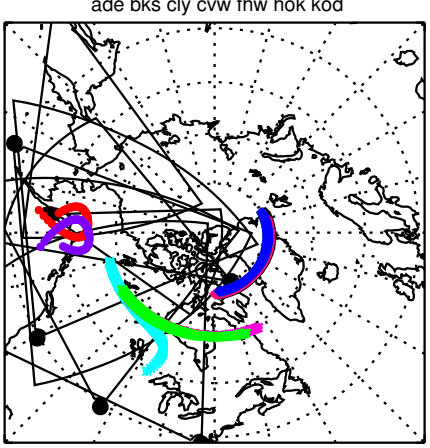
(a) 0000UT to 0025UT
fhe wal



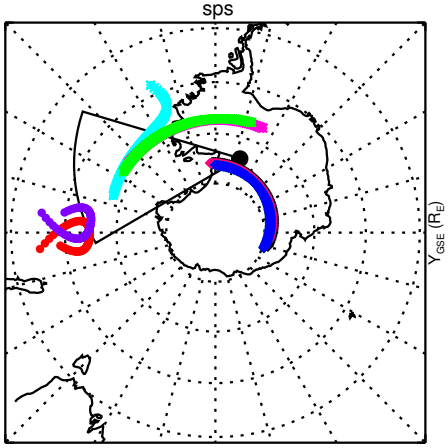


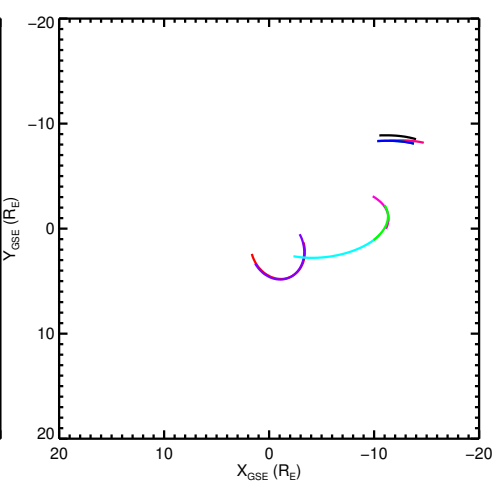


(b) 0300UT to 0925UT
ade bks cly cvw fhw hok kod

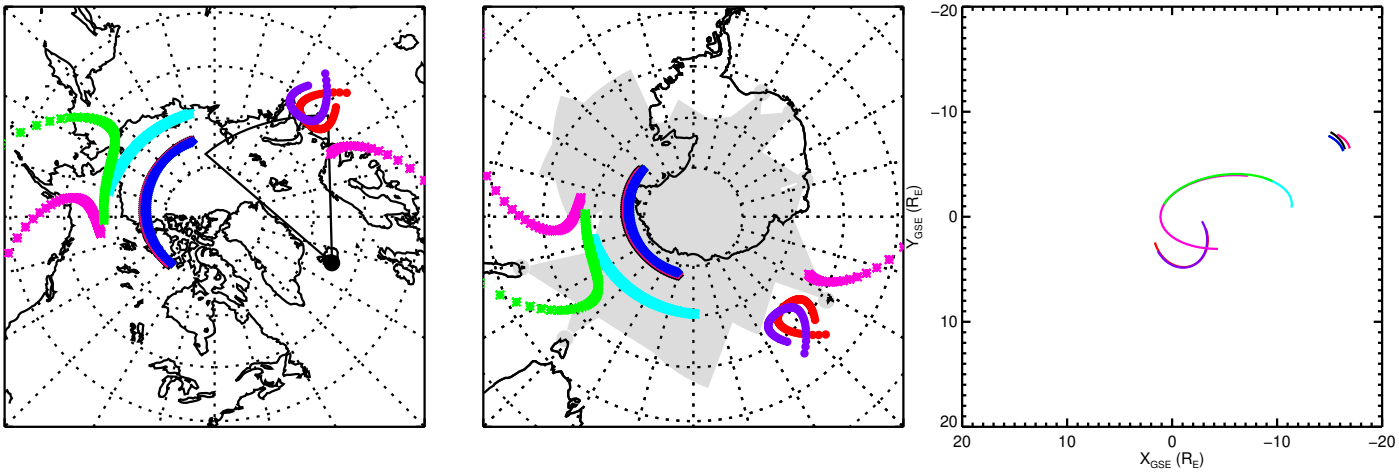


sps

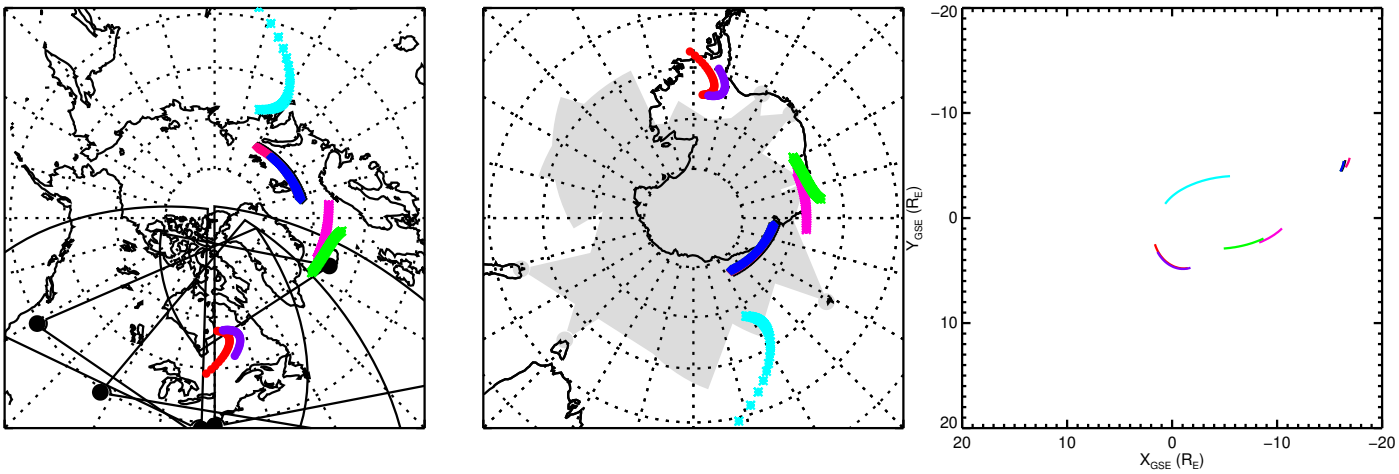




(c) 1200UT to 1830UT
pyk



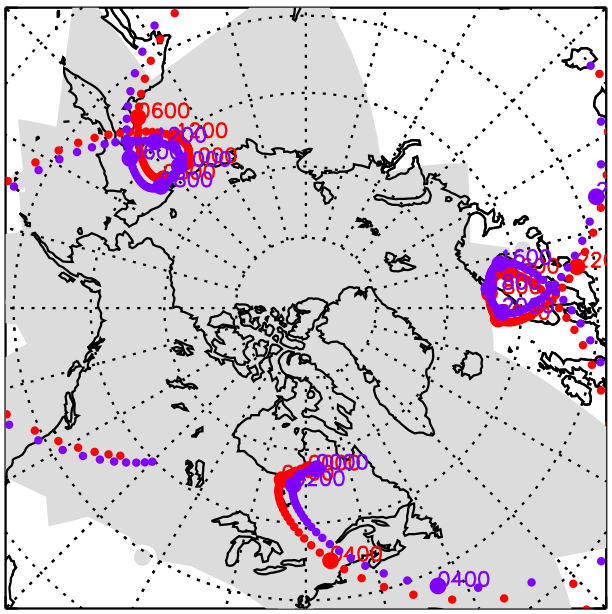
(d) 2100UT to 2355UT
bks cve fhe sto wal

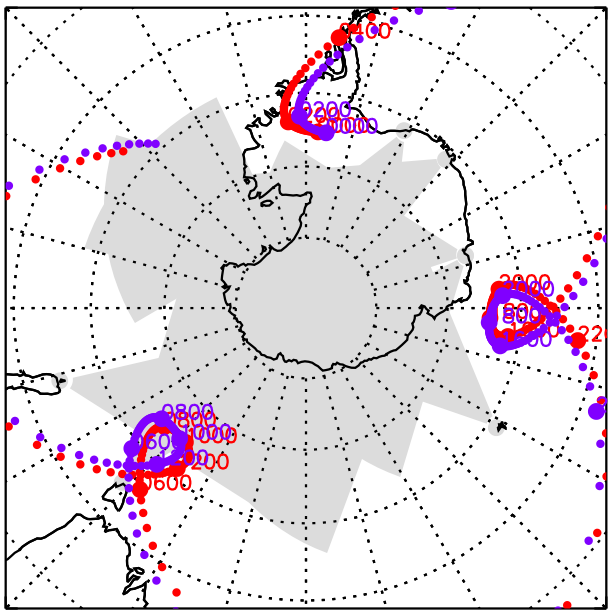


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

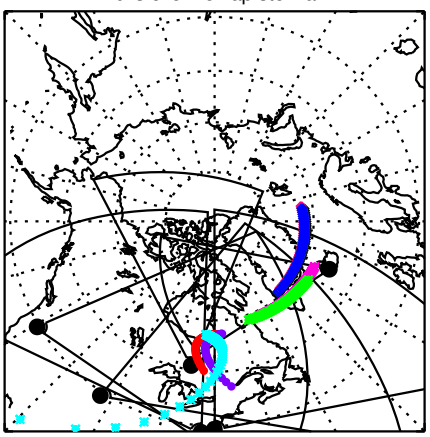
09–Aug–2013

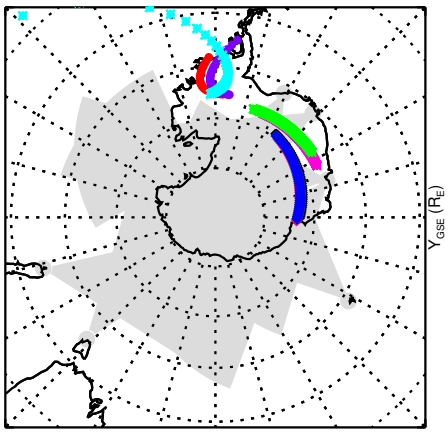
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

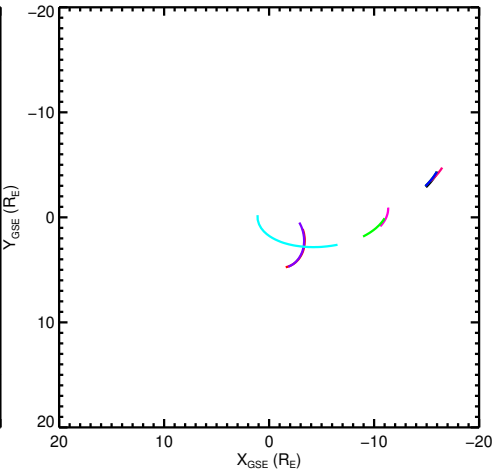




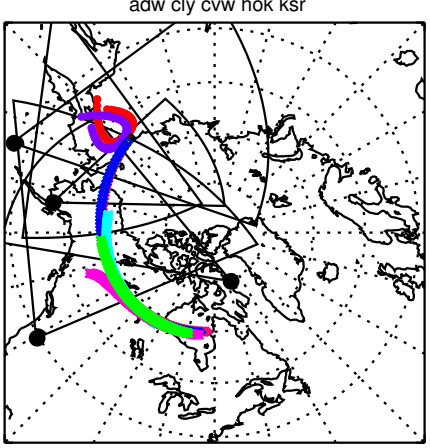
(a) 0000UT to 0330UT
bks cve fhe kap sto wal



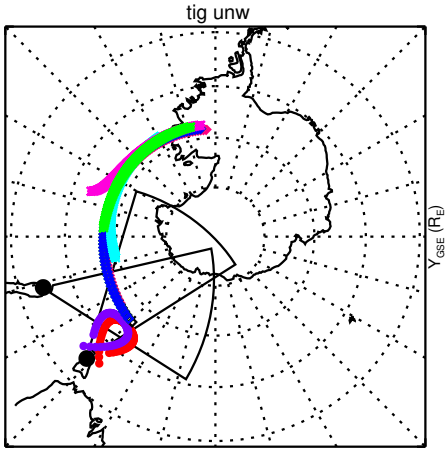


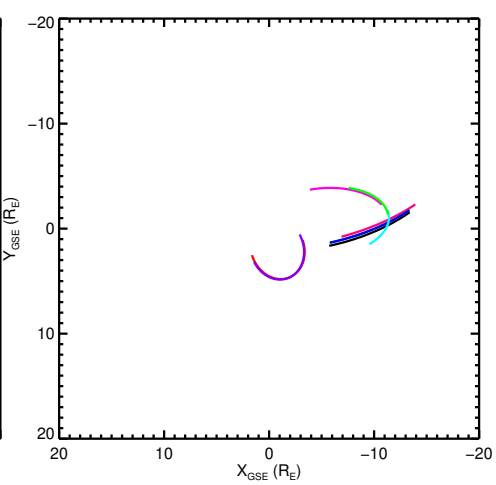


(b) 0600UT to 1230UT
adw cly cvw hok ksr

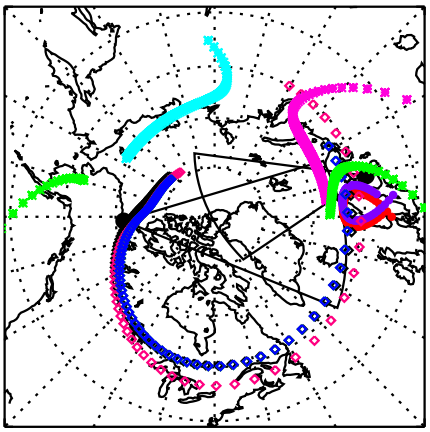


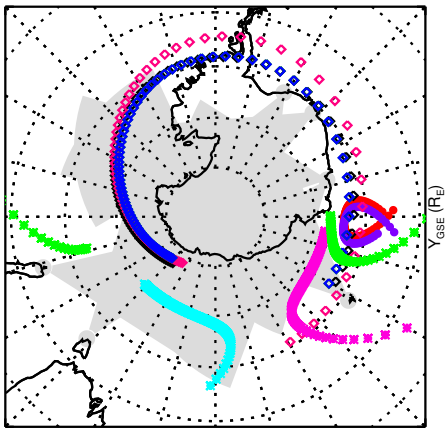
tig unw

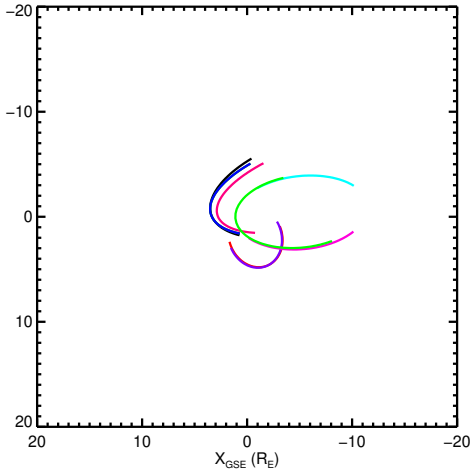




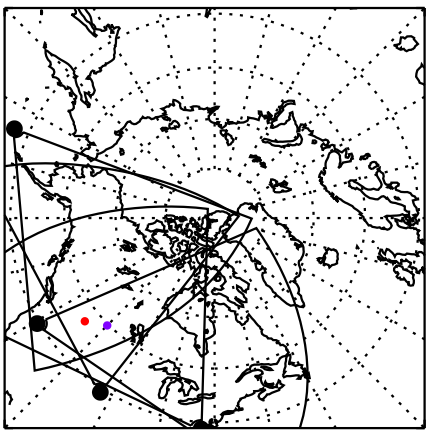
(c) 1455UT to 2135UT
han inv



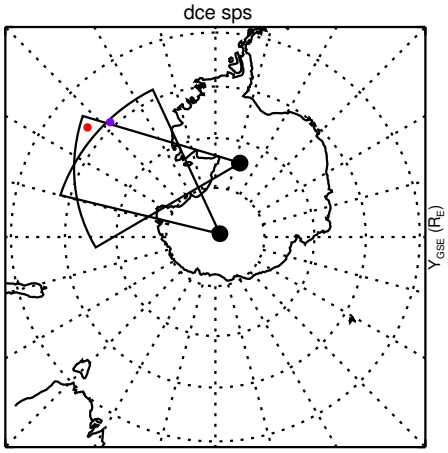


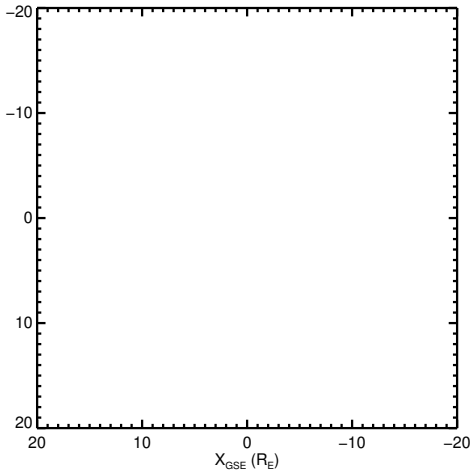


(d) 2355UT to 2355UT
ade bks cve fhw



dce sps

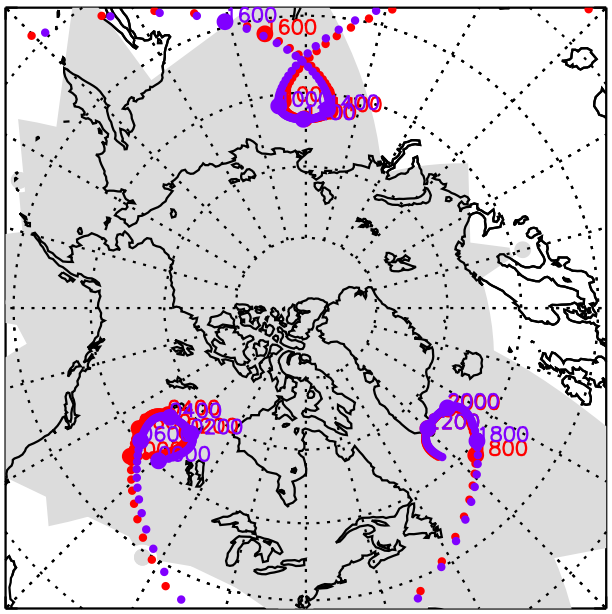


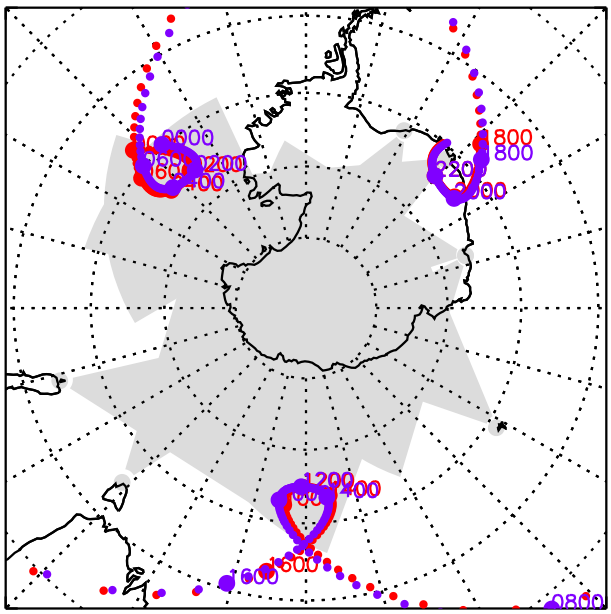


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

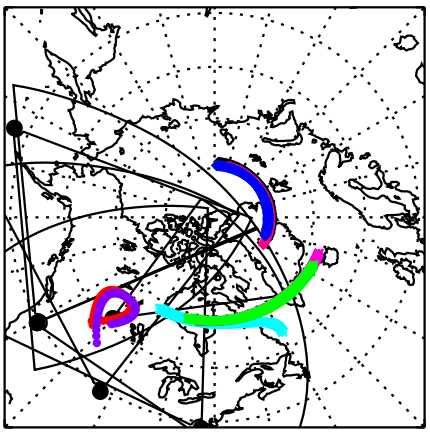
10–Aug–2013

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

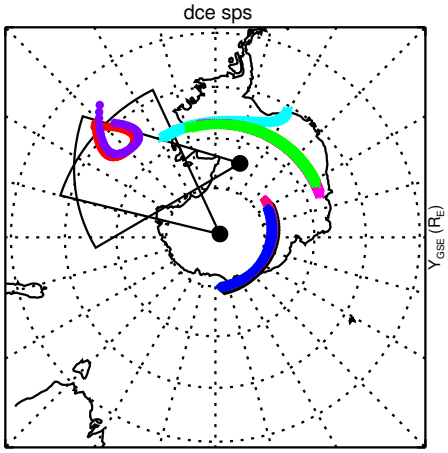


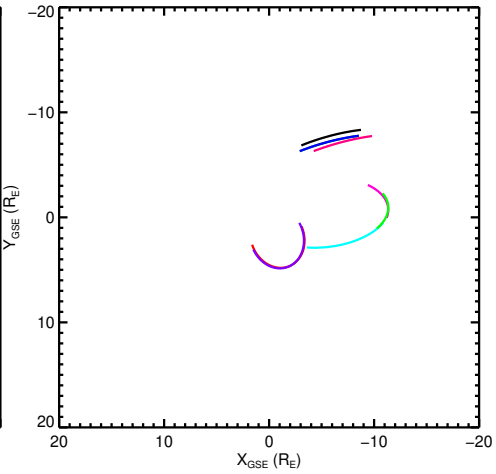


(a) 0000UT to 0635UT
ade bks cve cvw fhw sas

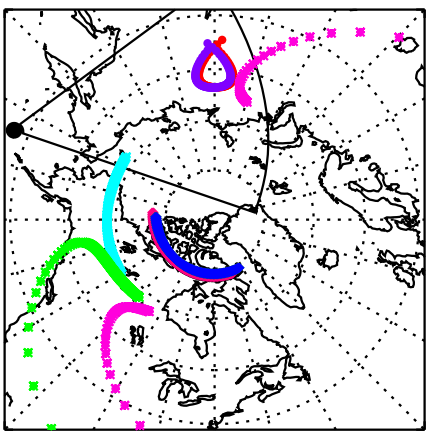


dce sps

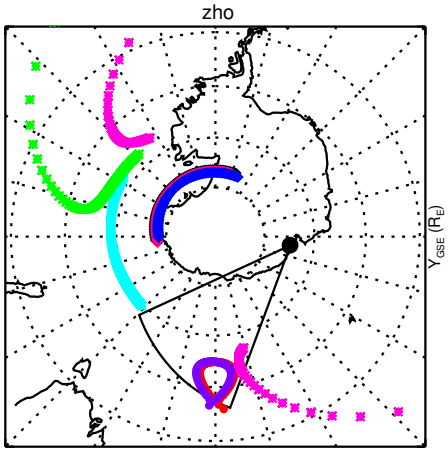


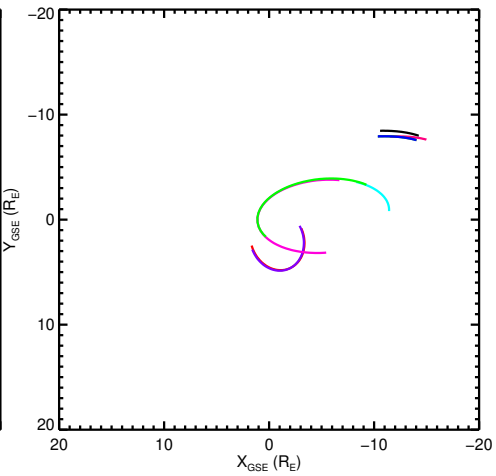


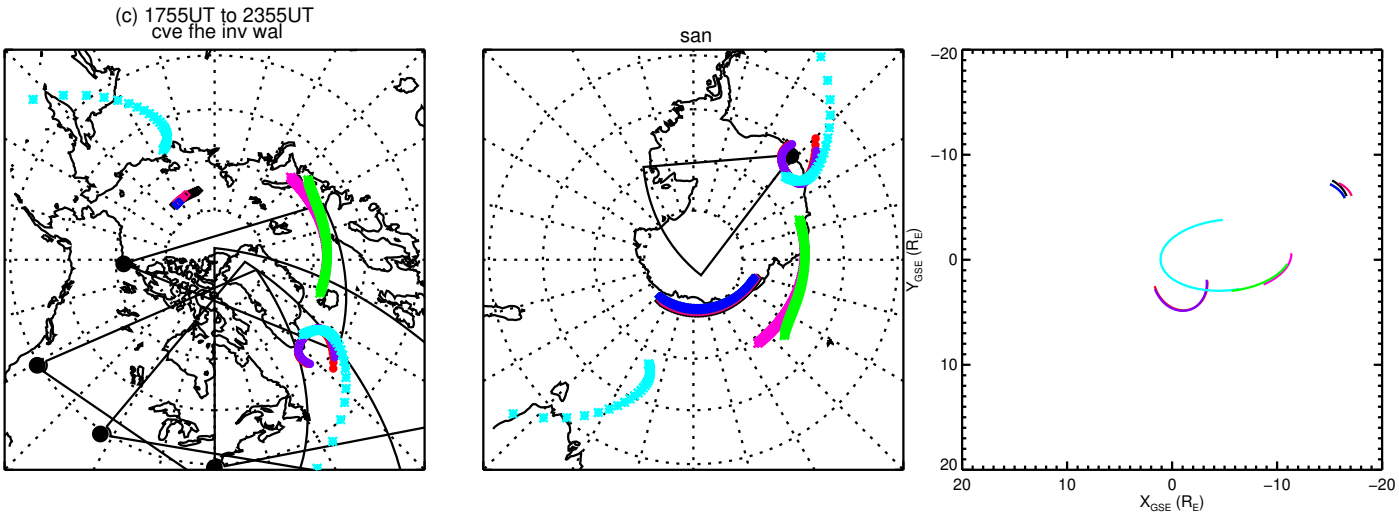
(b) 0855UT to 1535UT
adw



zho



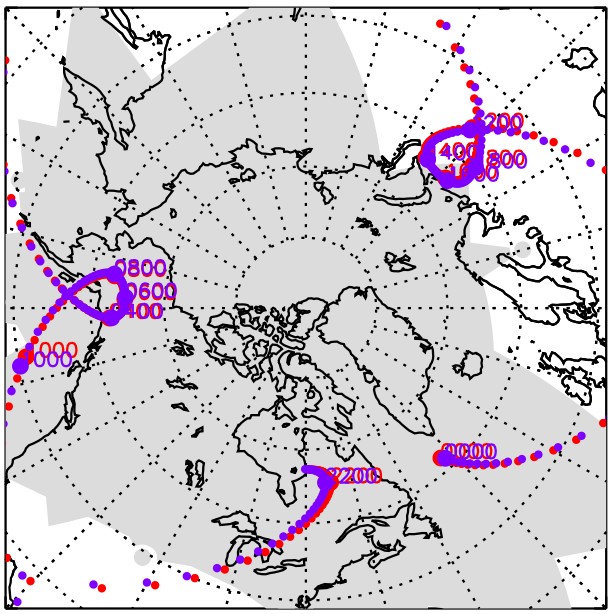


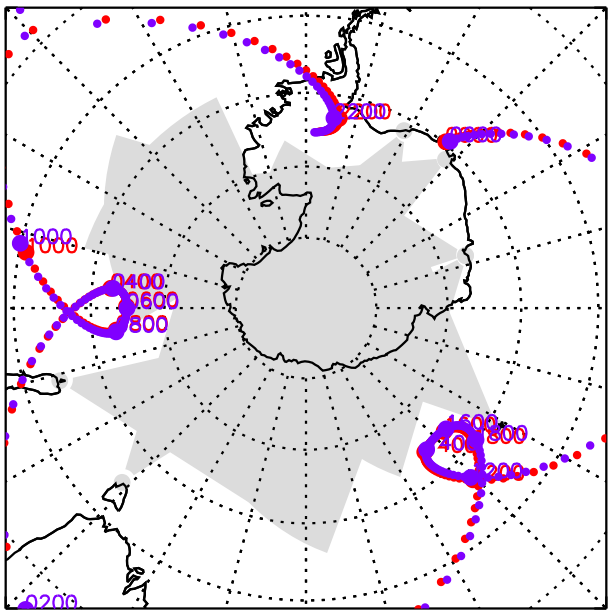

(c) 1755UT to 2355UT
cve fhe inv wal
san
−20
−10
0
10
20
Y_{GSE} (R_E)
20
10
0
−10
−20
X_{GSE} (R_E)

Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

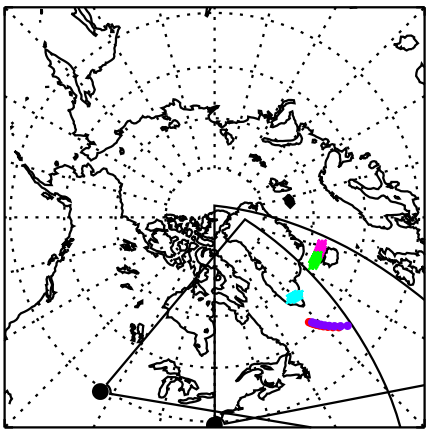
11−Aug−2013

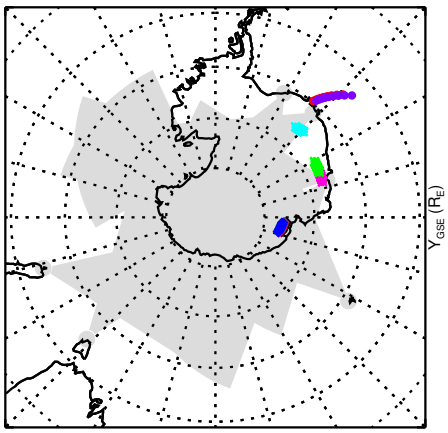
Top row: 24h footprints: RBSP−A RBSP−B
Bottom rows: Periods when both RBSP−A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

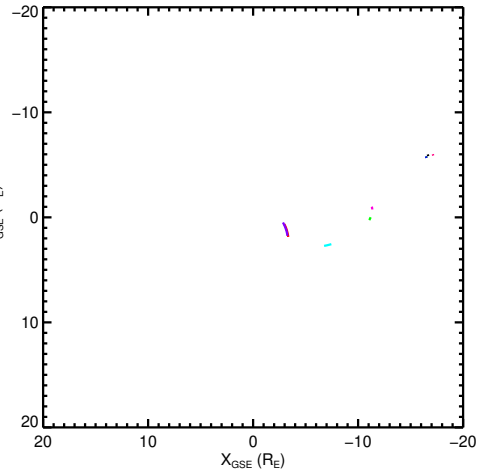




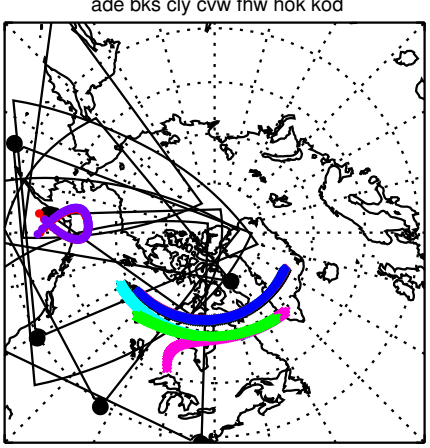
(a) 0000UT to 0040UT
fhe wal



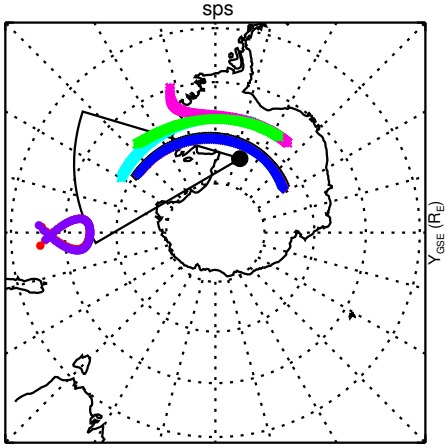


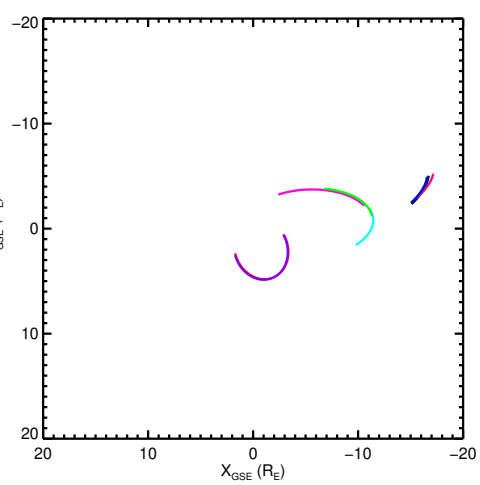


(b) 0250UT to 0940UT
ade bks cly cvw fhw hok kod

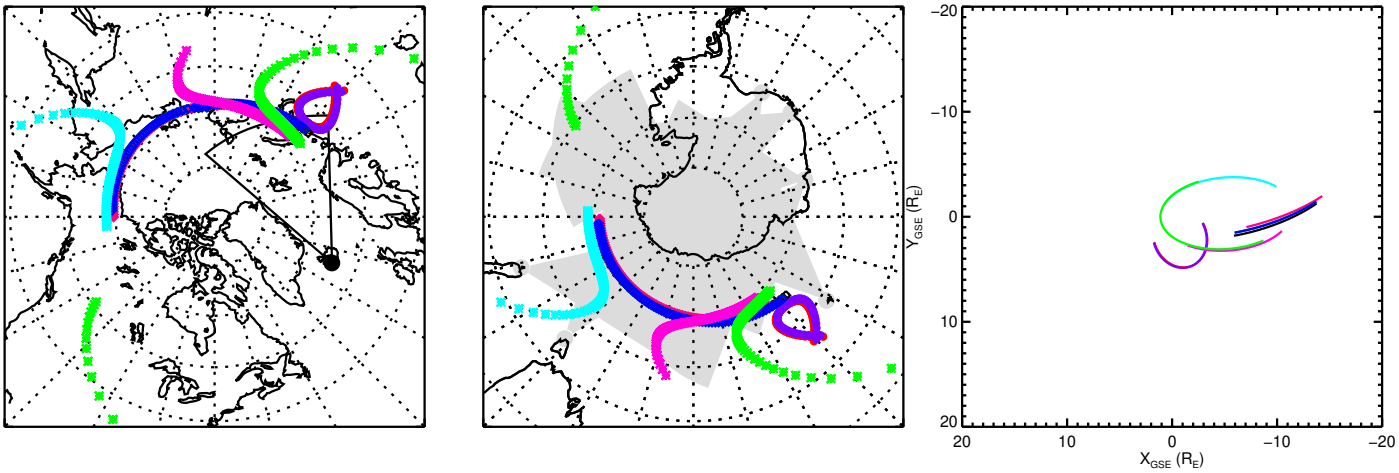


sps

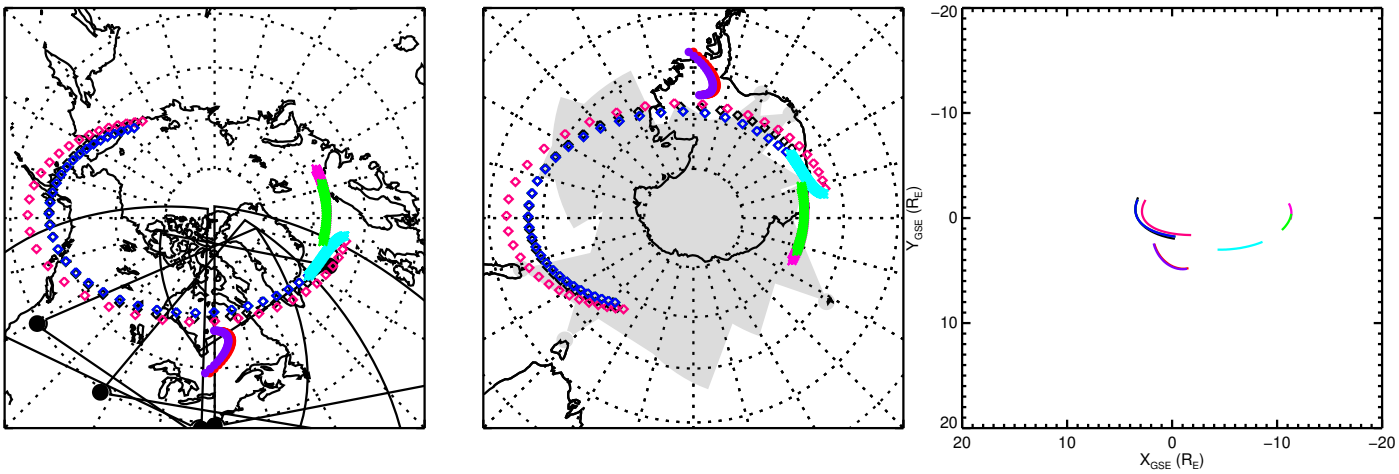




(c) 1150UT to 1840UT
pyk



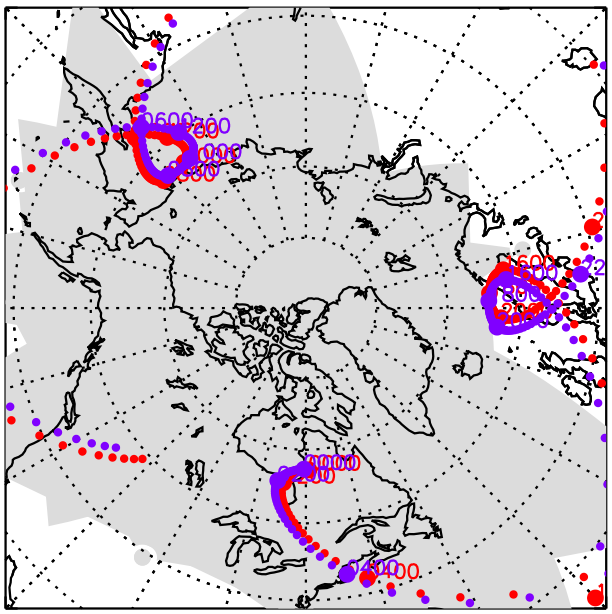
(d) 2050UT to 2355UT
bks cve fhe sto wal

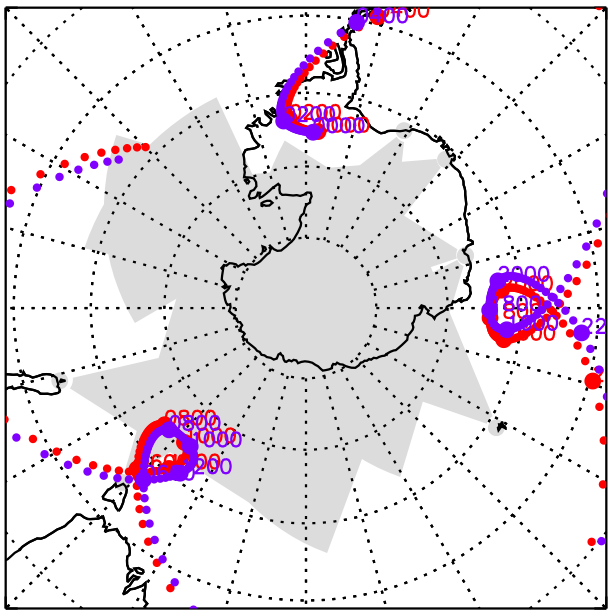


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

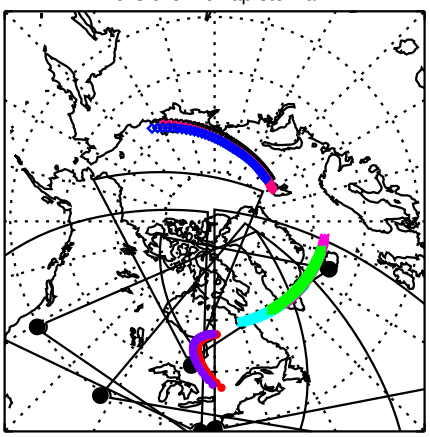
12–Aug–2013

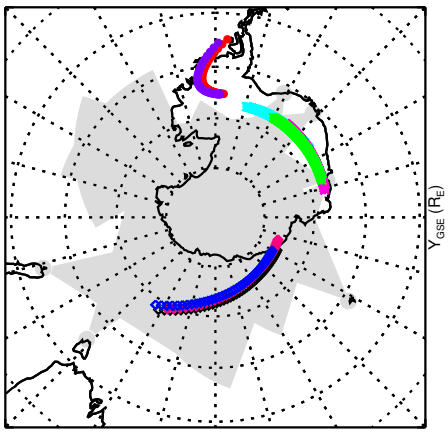
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

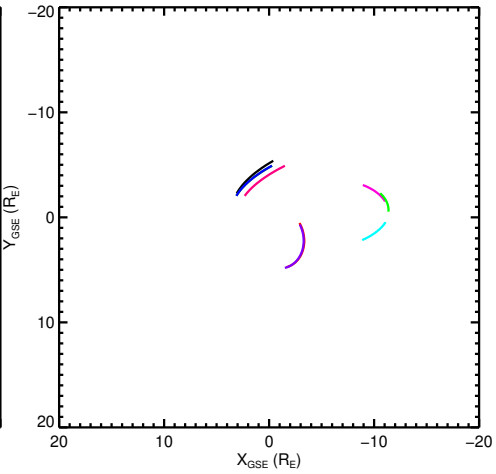




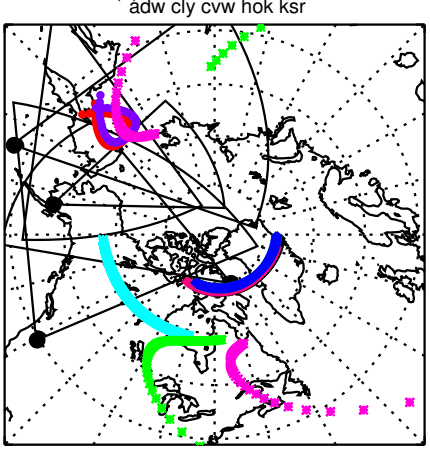
(a) 0000UT to 0340UT
bks cve fhe kap sto wal



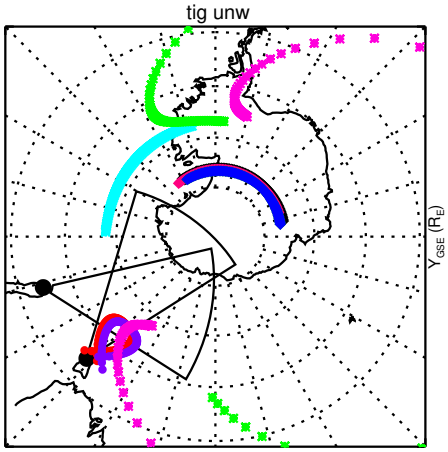


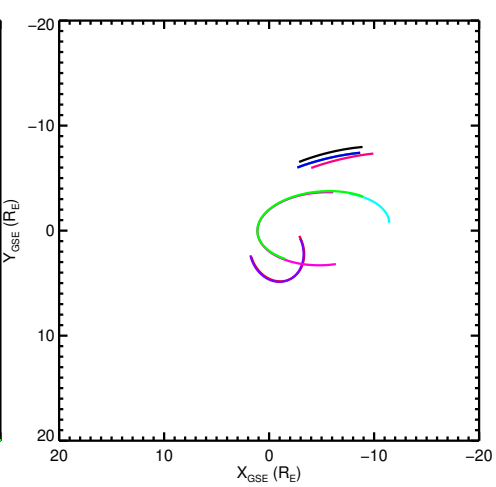


(b) 0550UT to 1240UT
adw cly cvw hok ksr

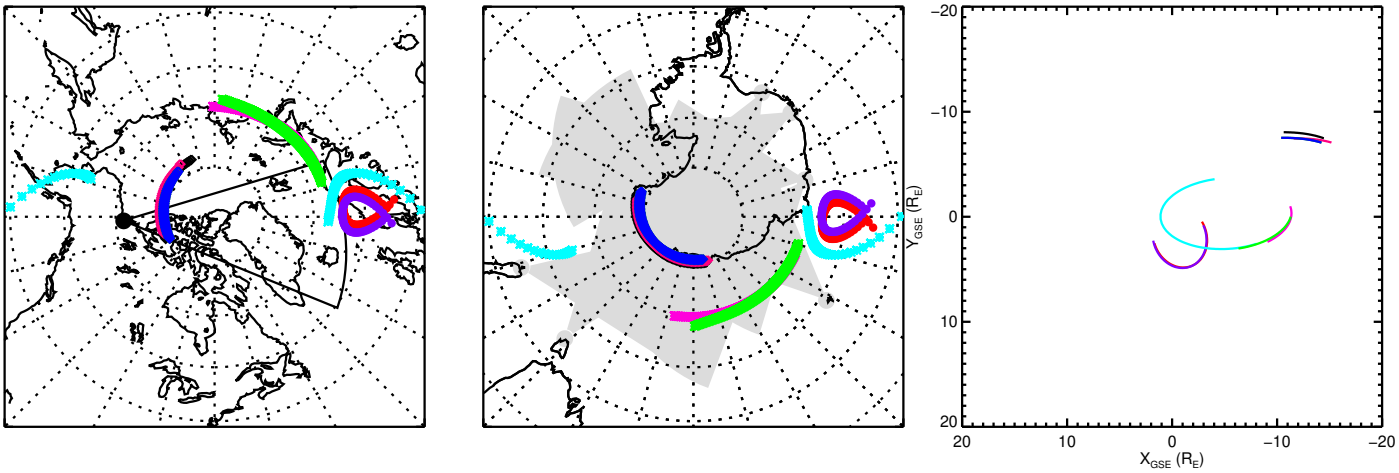


tig unw



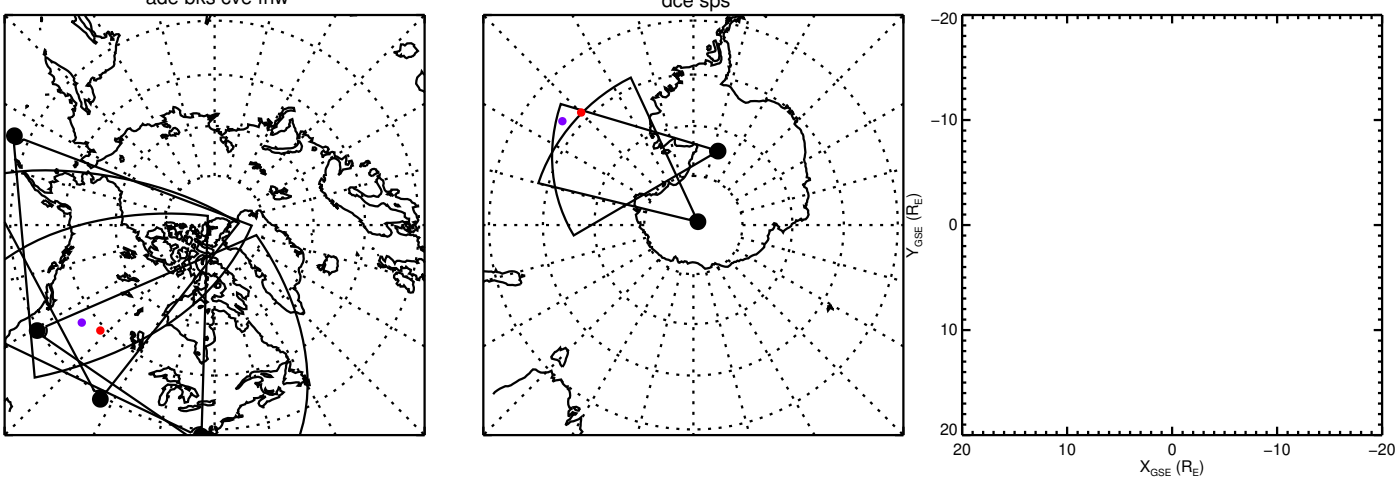


(c) 1450UT to 2140UT
inv



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

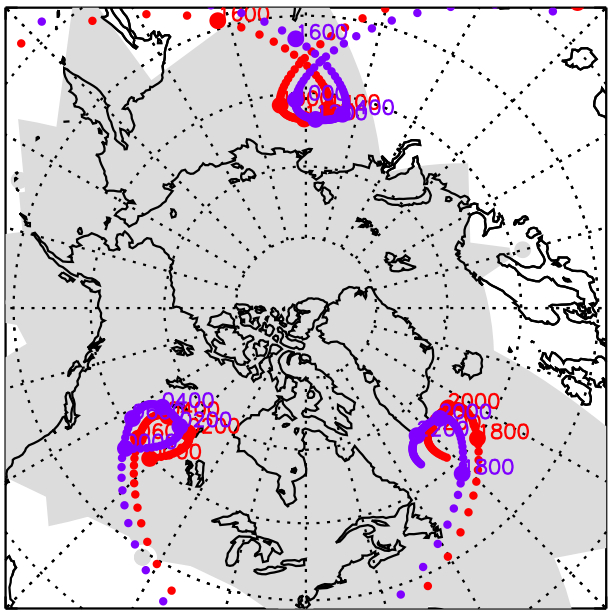
dce sps

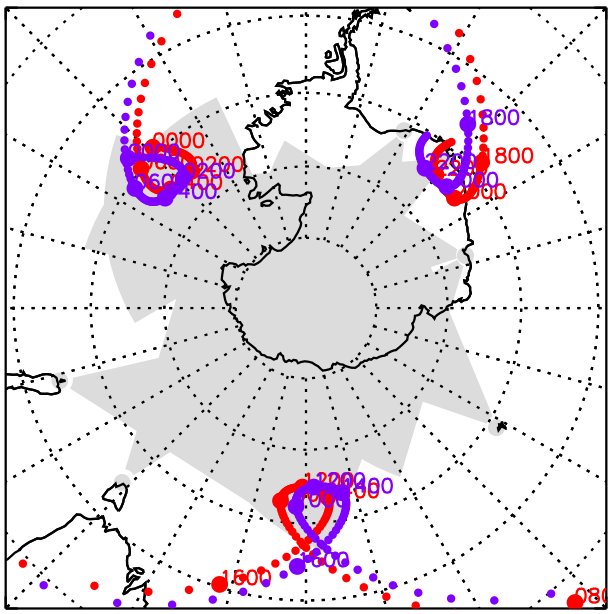


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

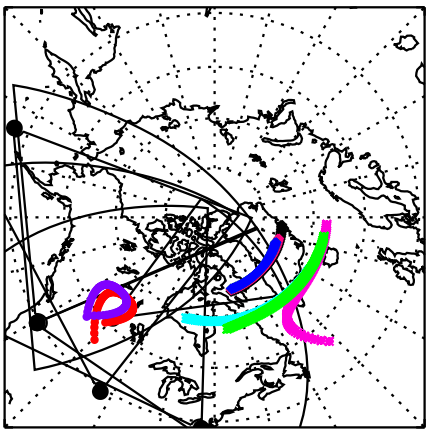
13–Aug–2013

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

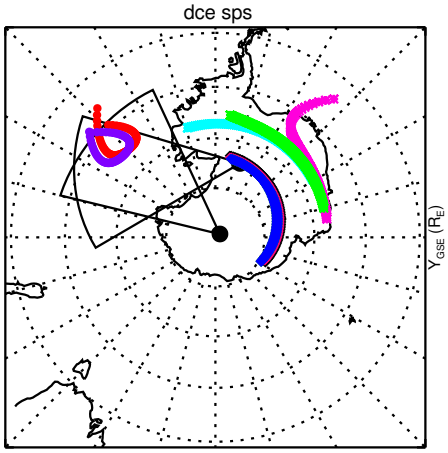


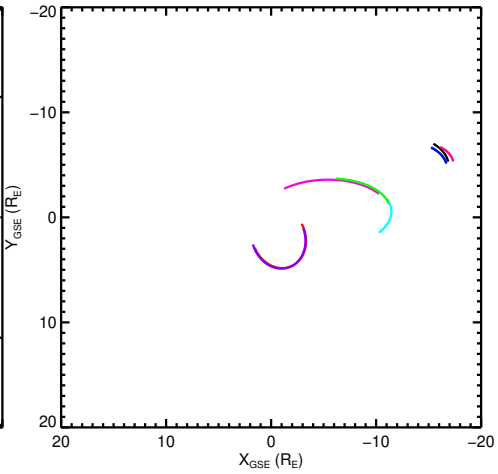


(a) 0000UT to 0635UT
ade bks cve cvw fhw sas

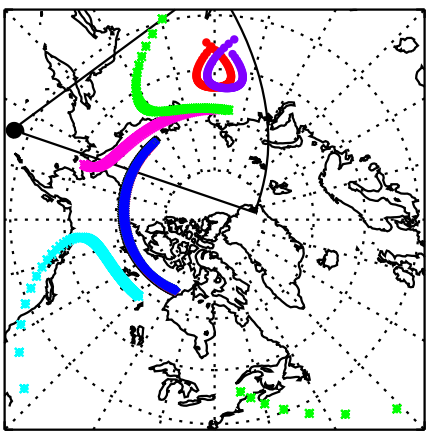


dce sps

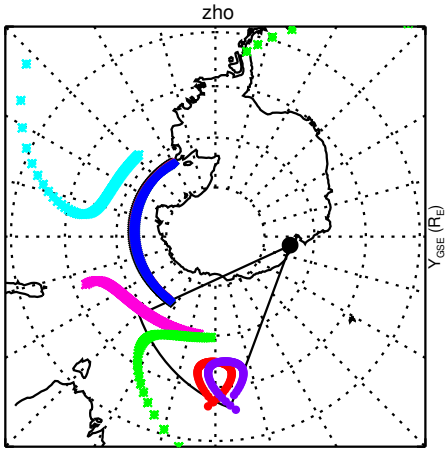


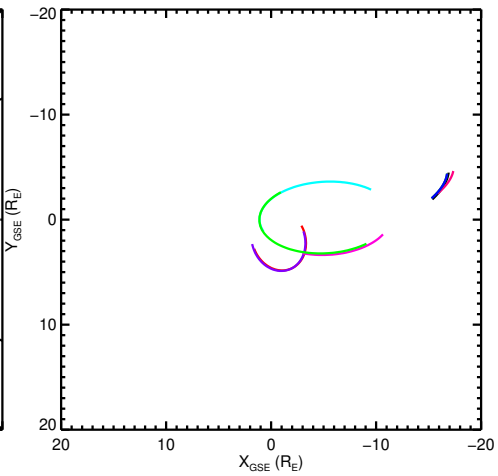


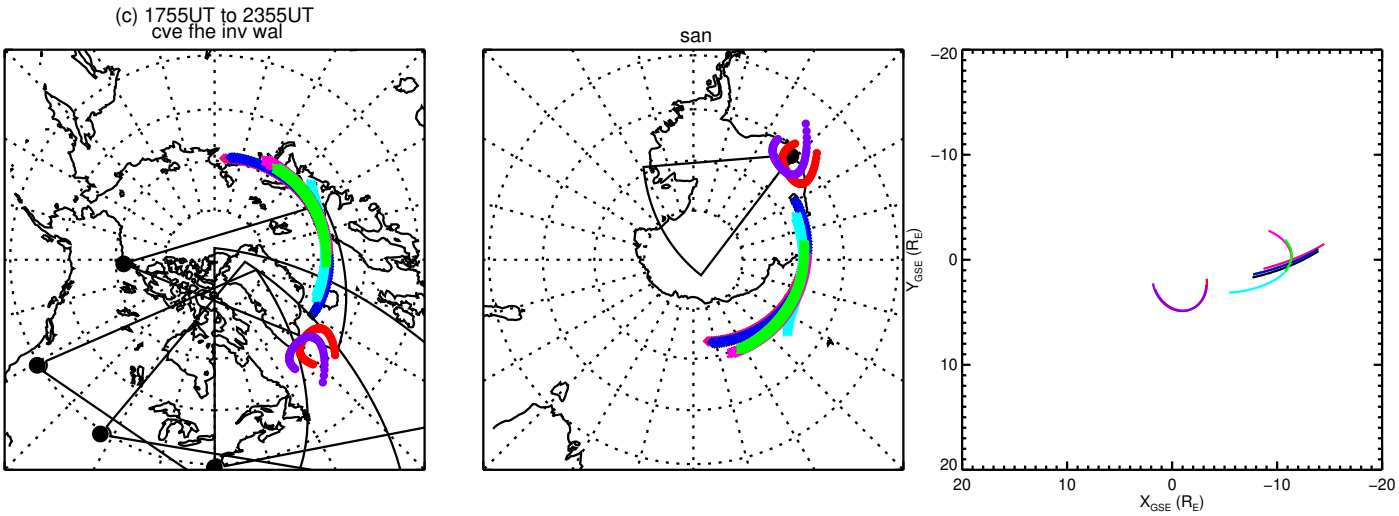
(b) 0855UT to 1535UT
adw



zho



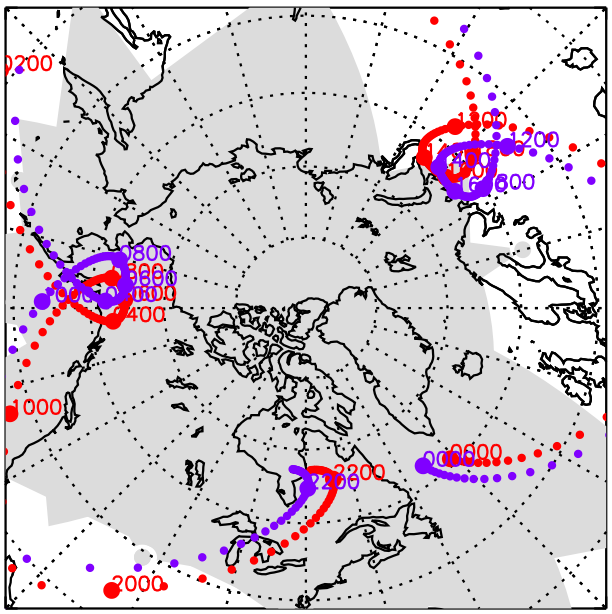


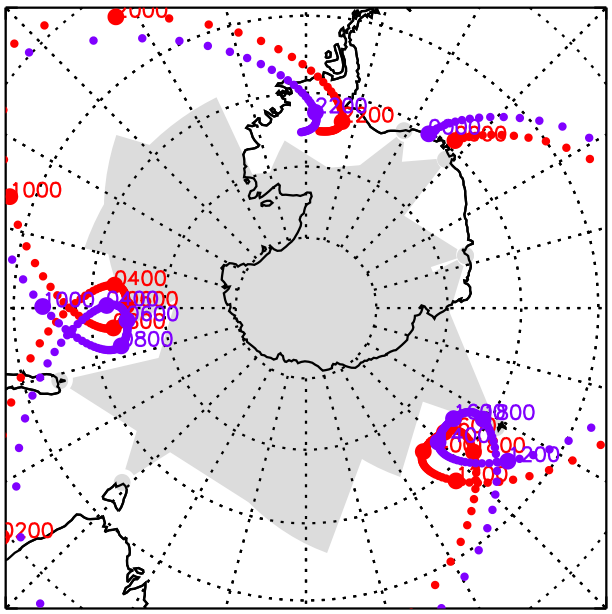

(c) 1755UT to 2355UT
cve fhe inv wal
san
−20
−10
0
10
20
Y_{GSE} (R_E)
20
10
0
−10
−20
X_{GSE} (R_E)

Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

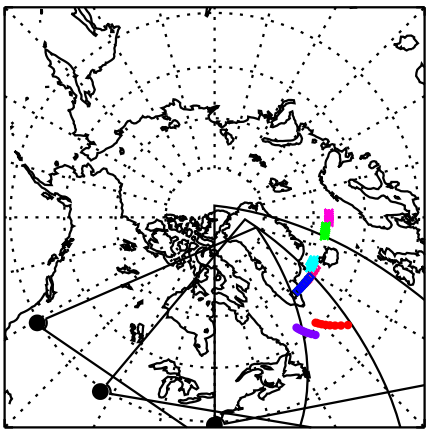
14–Aug–2013

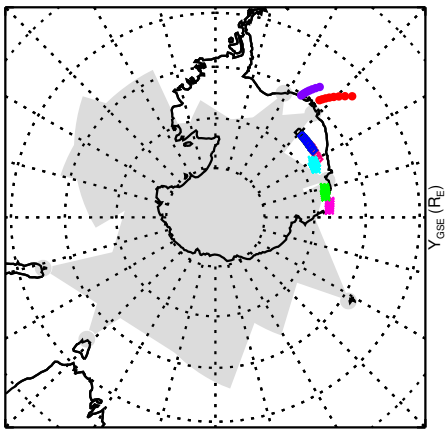
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

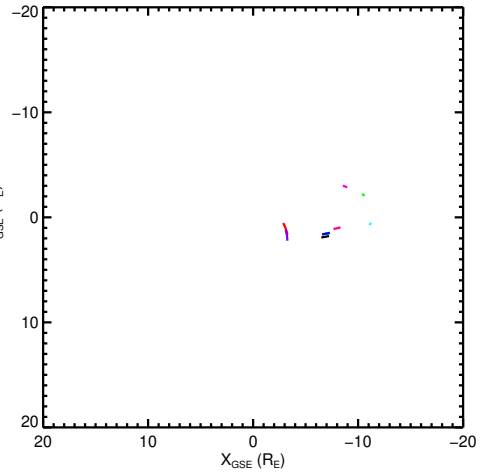




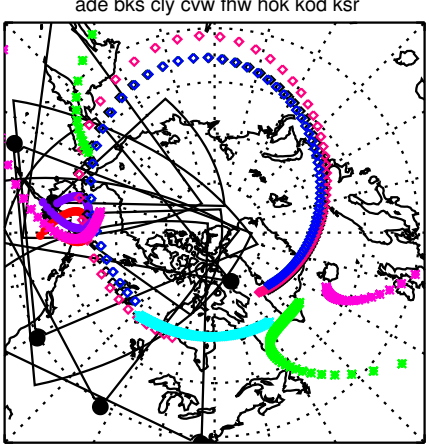
(a) 0000UT to 0035UT
cve fhe wal



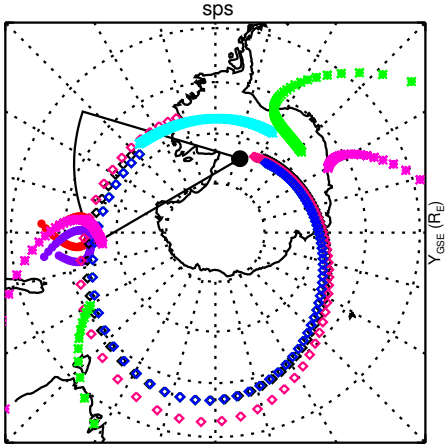


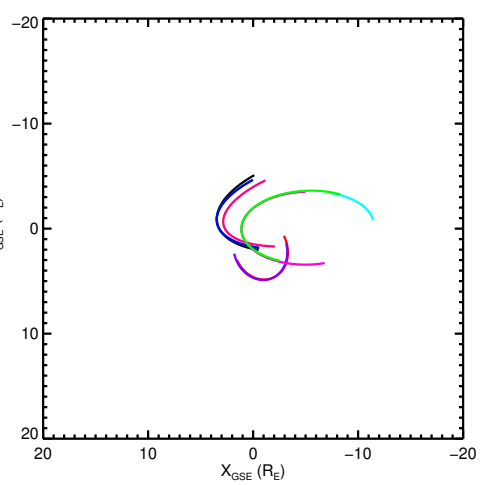


(b) 0300UT to 0930UT
ade bks cly cvw fhw hok kod ksr

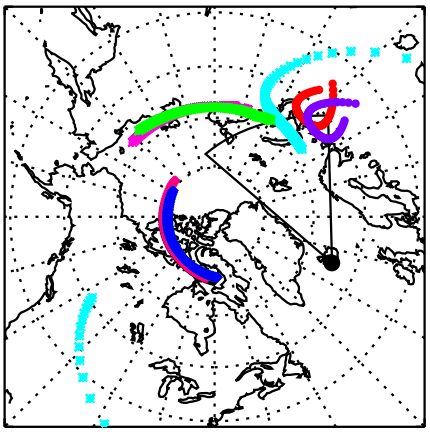


sps

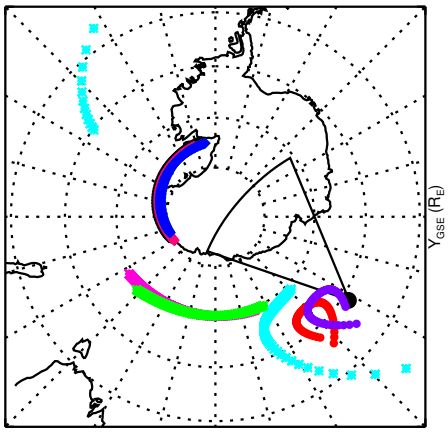


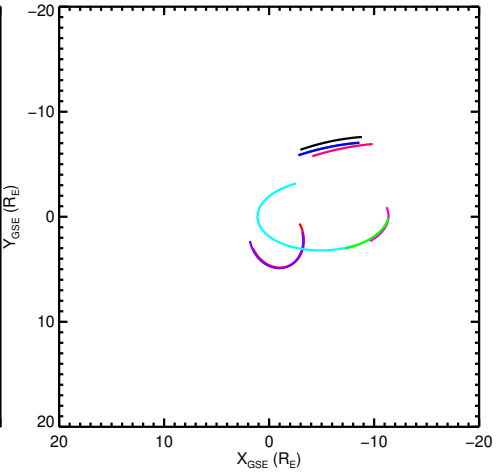


(c) 1200UT to 1830UT
pyk

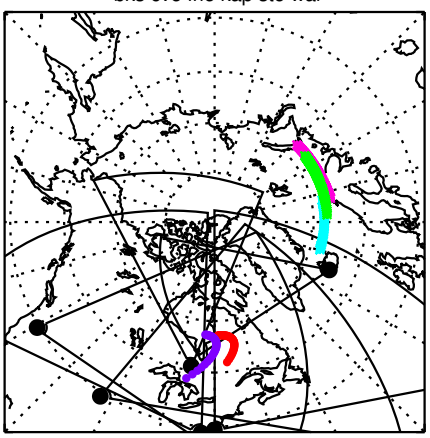


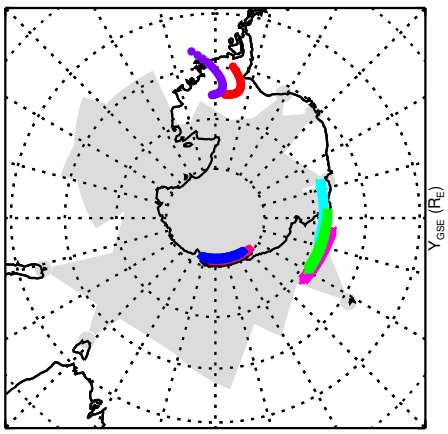
ker

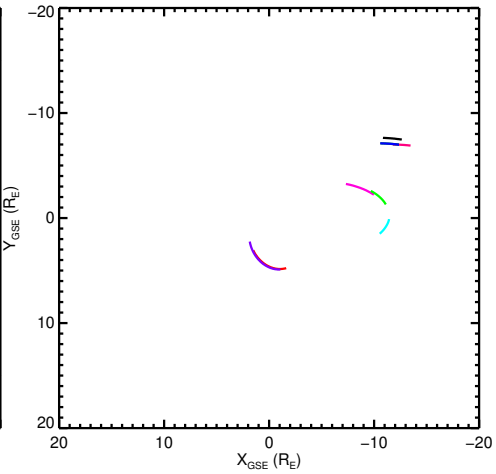




(d) 2100UT to 2355UT
bks cve fhe kap sto wal



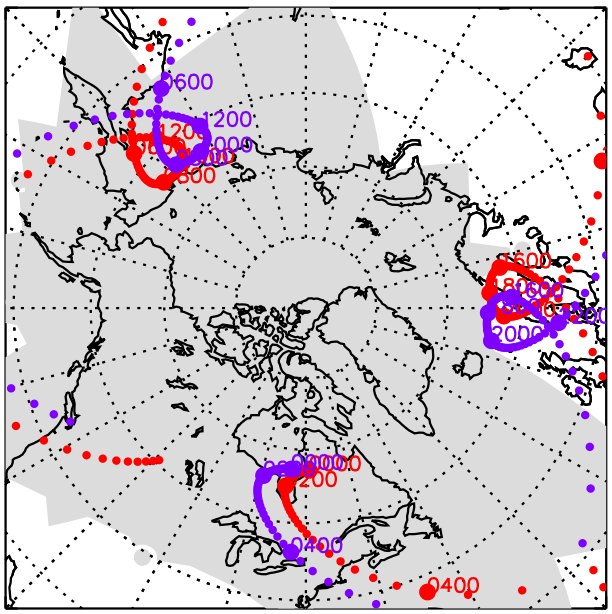


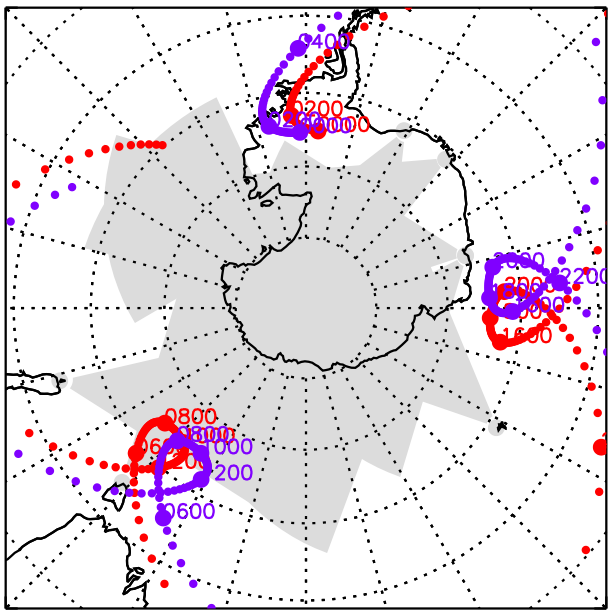


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

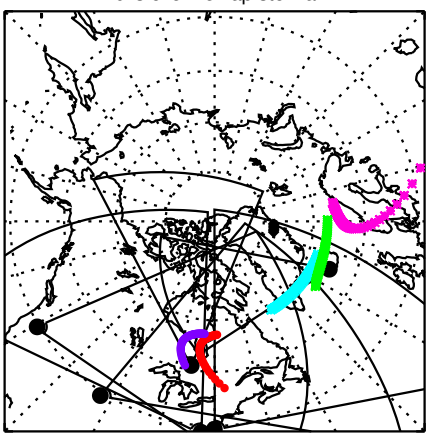
15–Aug–2013

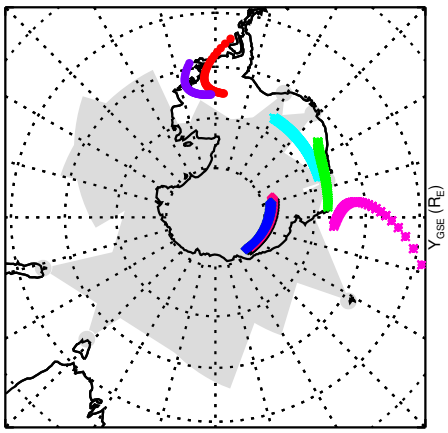
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

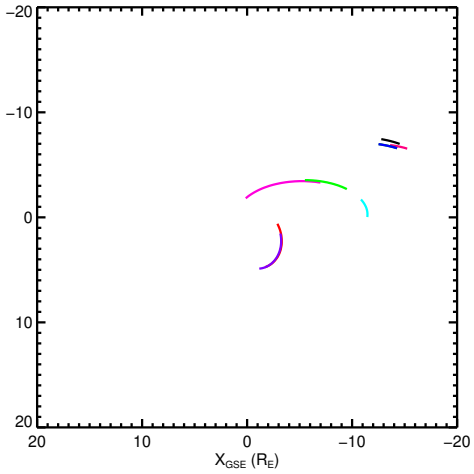




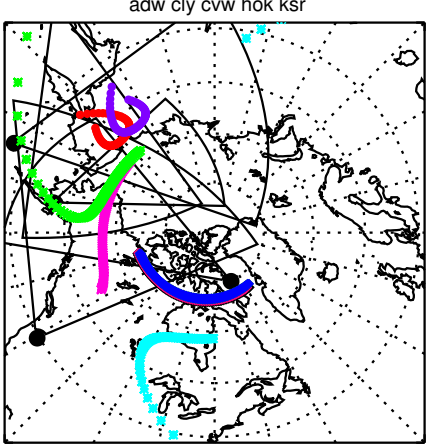
(a) 0000UT to 0330UT
bks cve fhe kap sto wal



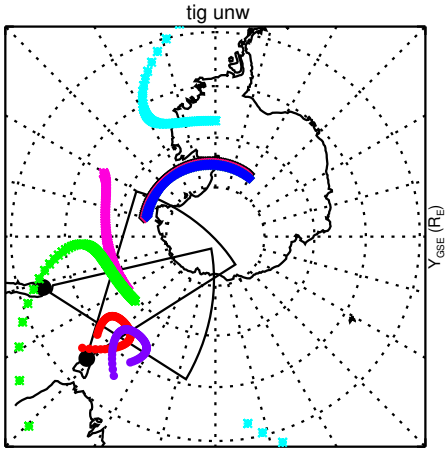


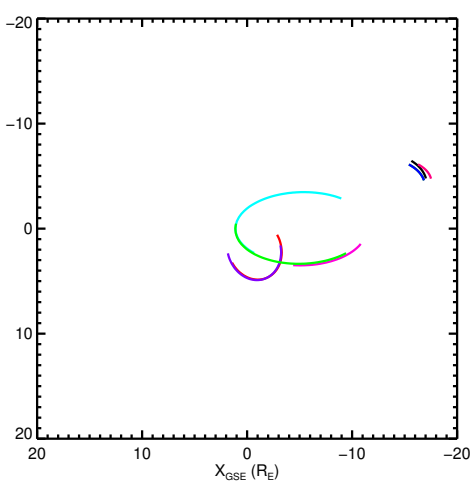


(b) 0605UT to 1230UT
adw cly cvw hok ksr

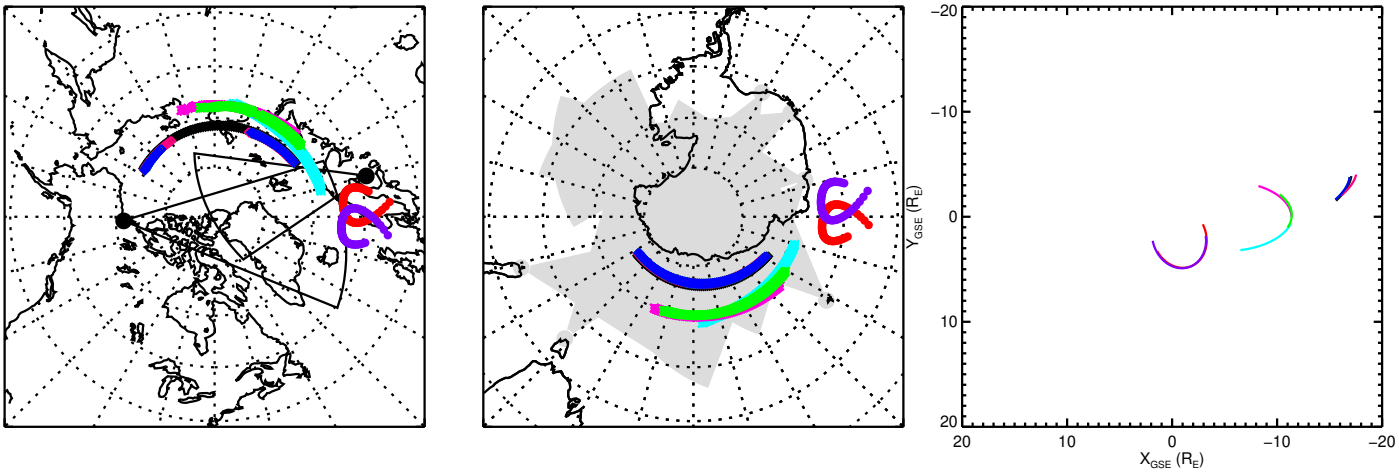


tig unw





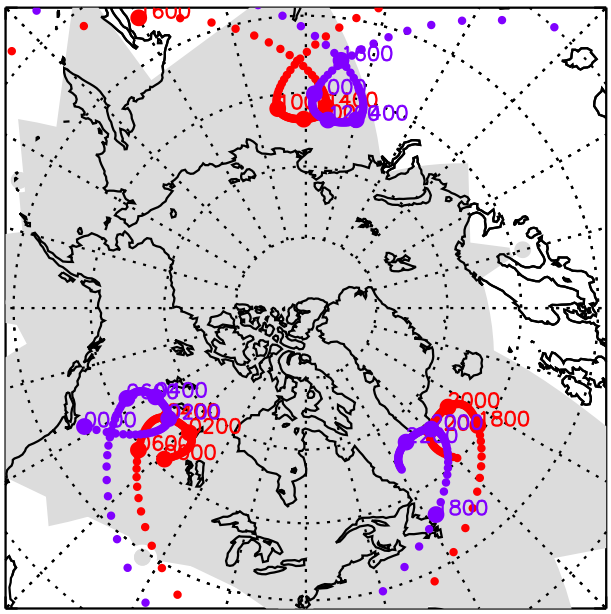
(c) 1505UT to 2125UT
han inv

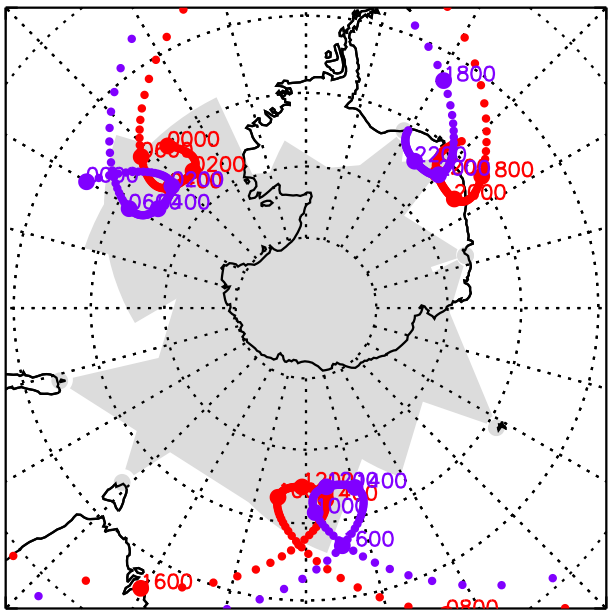


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

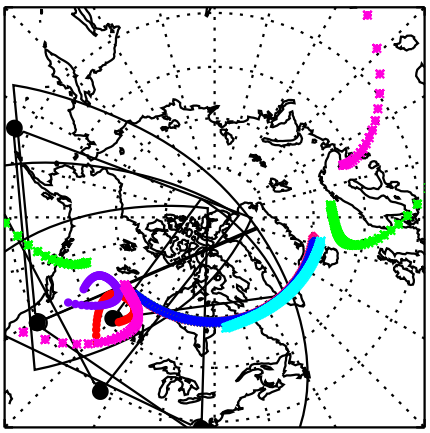
16–Aug–2013

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

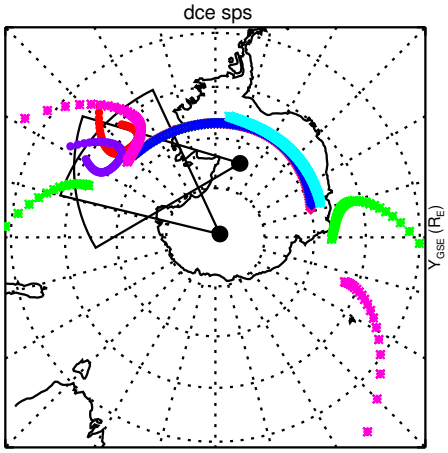


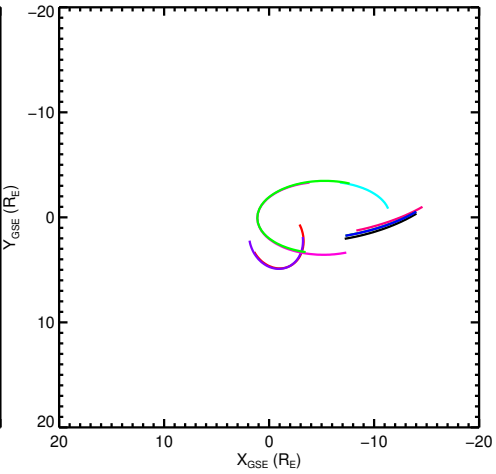


(a) 0005UT to 0625UT
ade bks cve cvw fhw sas

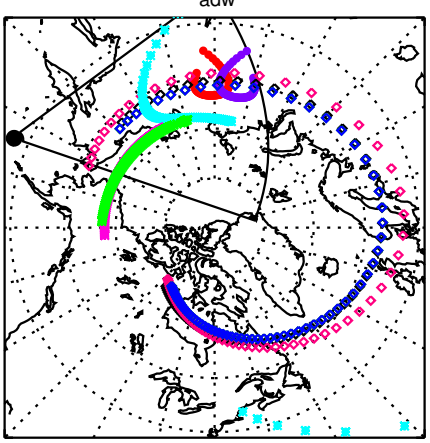


dce sps

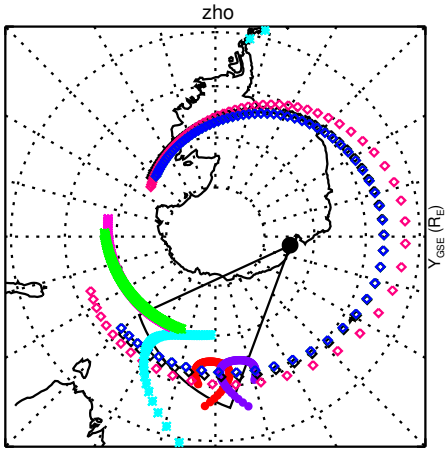


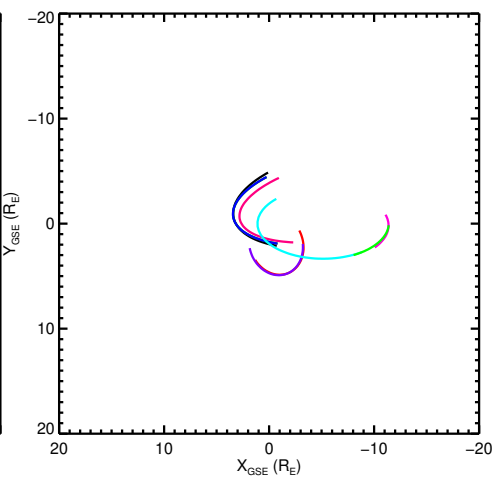


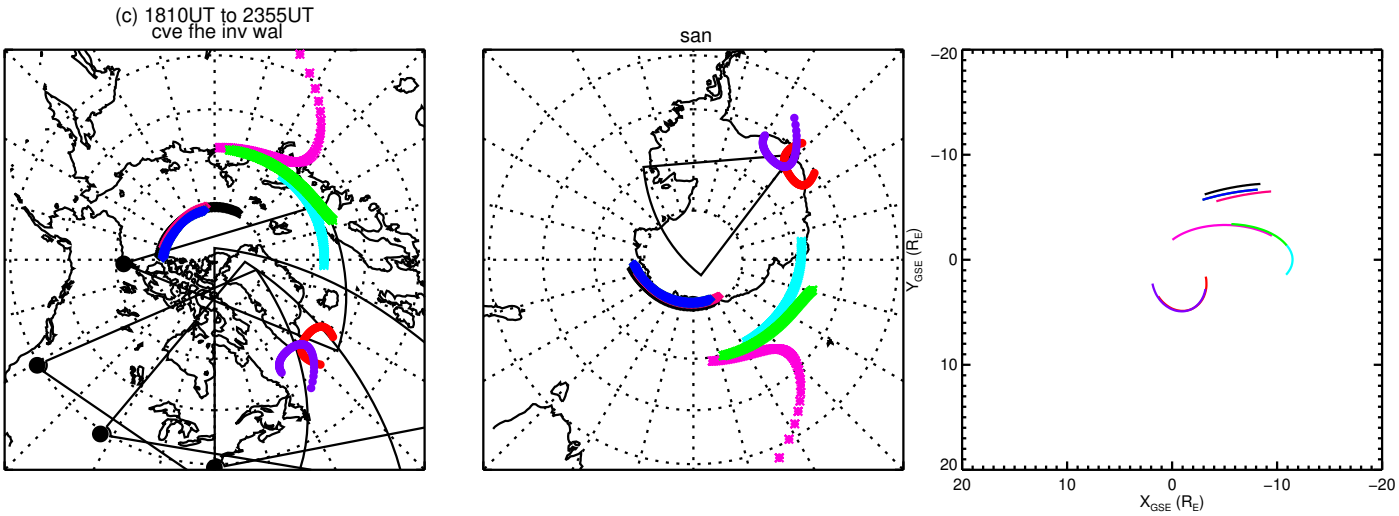
(b) 0910UT to 1525UT
adw



zho



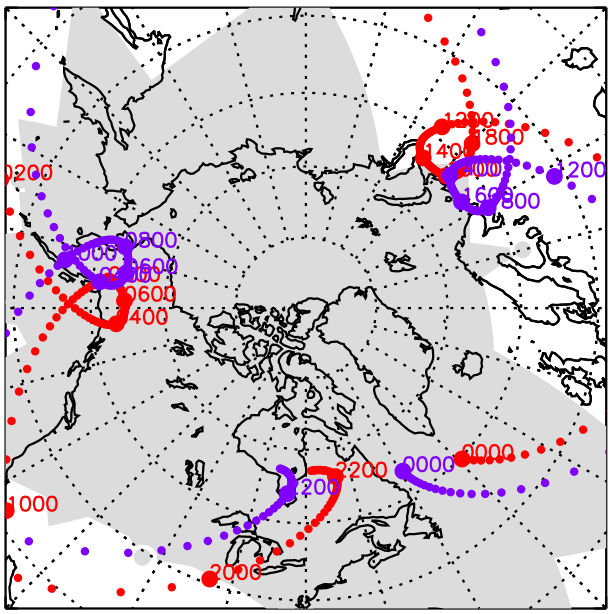


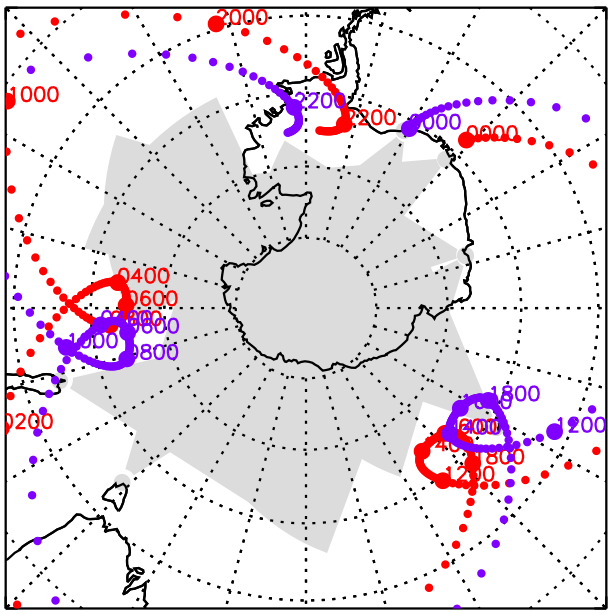

(c) 1810UT to 2355UT
cve fhe inv wal
san
−20
−10
0
10
20
Y_{GSE} (R_E)
20
10
0
−10
−20
X_{GSE} (R_E)

Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

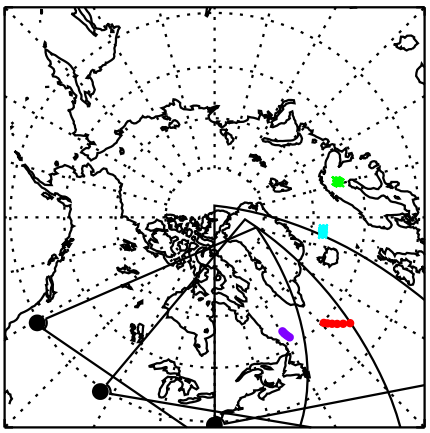
17–Aug–2013

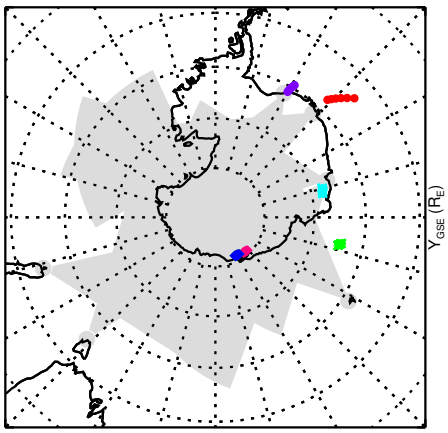
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

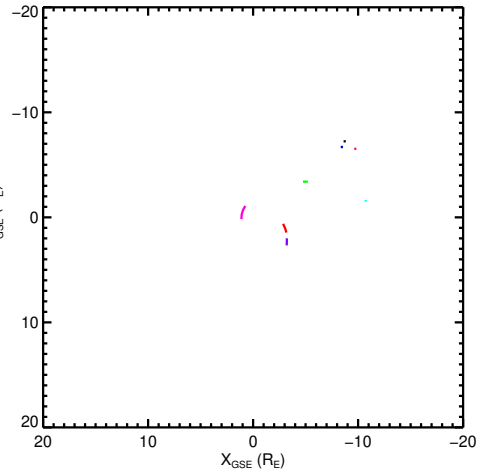




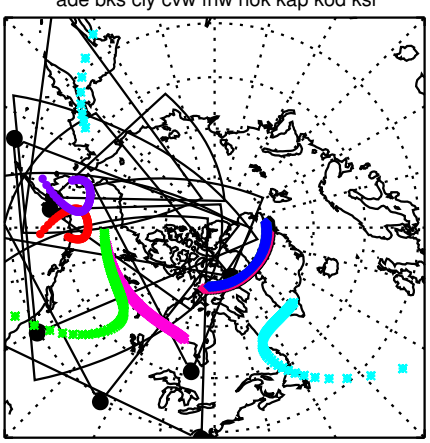
(a) 0000UT to 0025UT
cve fhe wal



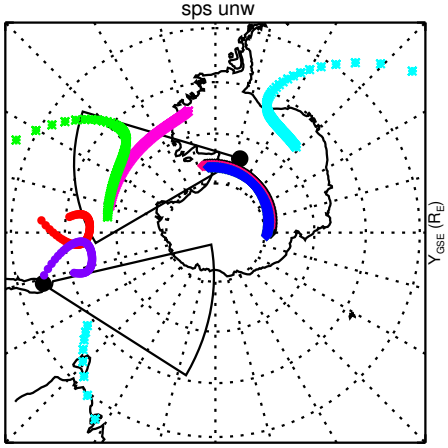


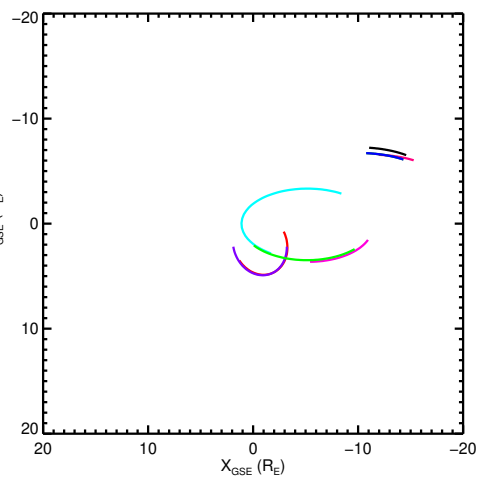


(b) 0310UT to 0920UT
ade bks cly cvw fhw hok kap kod ksr

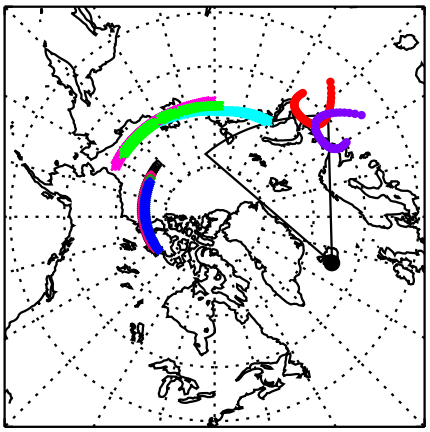


sps unw

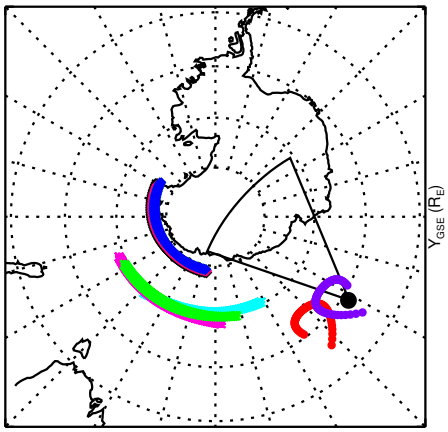


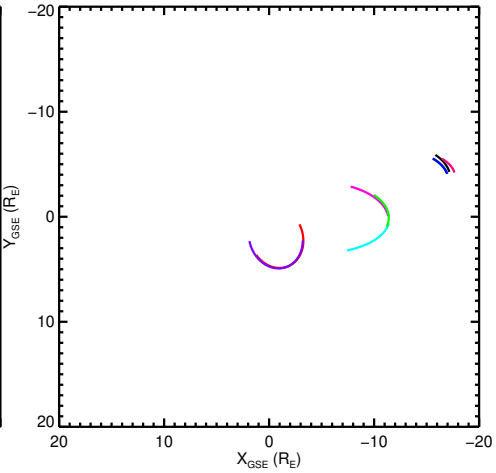


(c) 1215UT to 1820UT
pyk

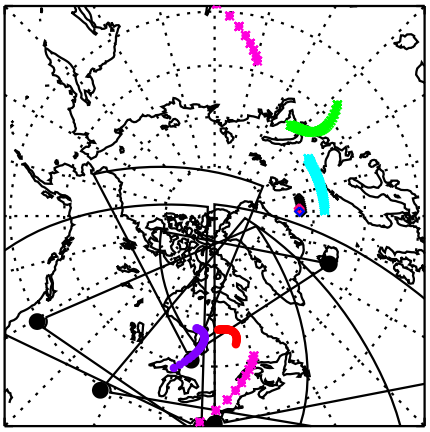


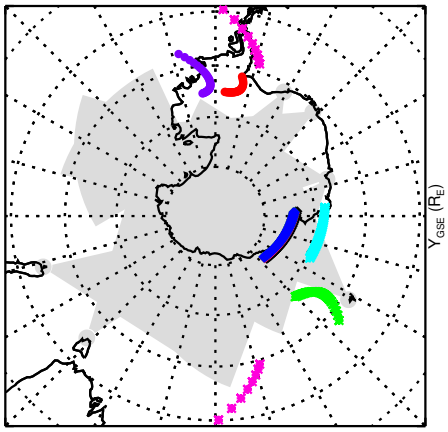
ker

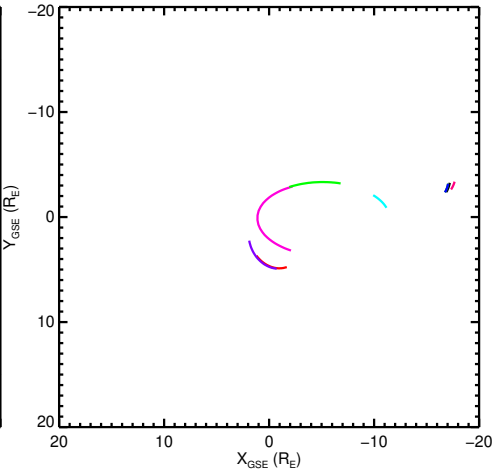




(d) 2115UT to 2355UT
bks cve fhe kap sto wal



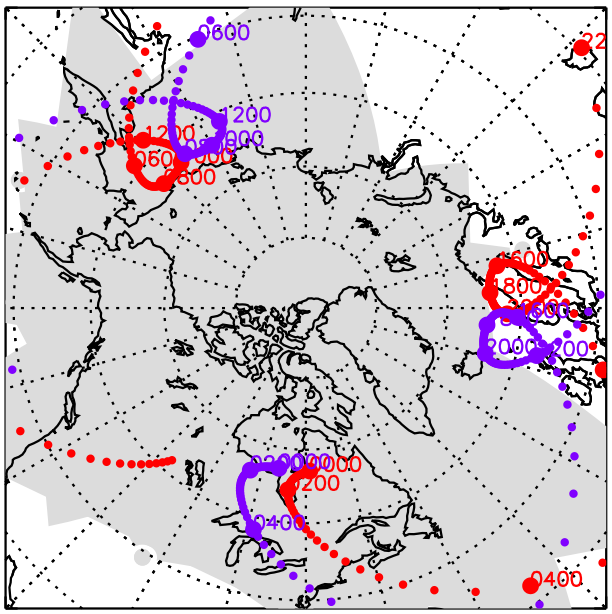


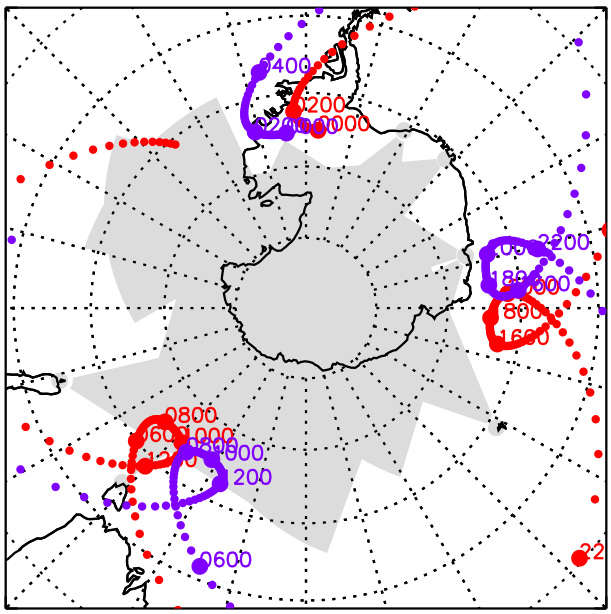


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

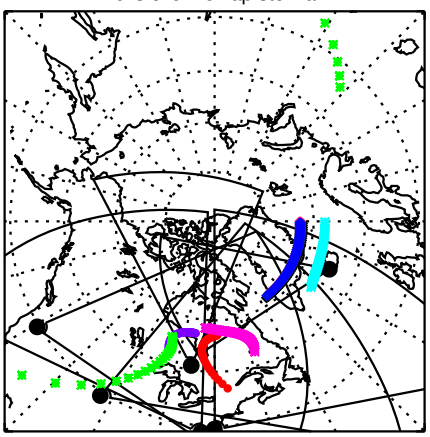
18–Aug–2013

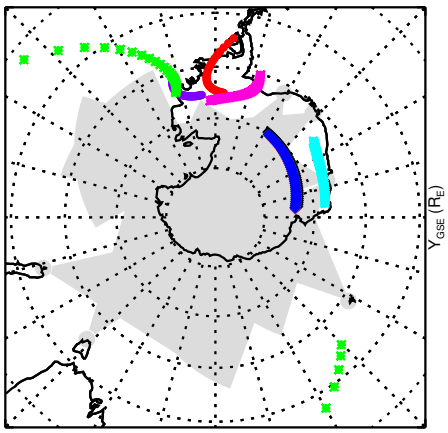
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

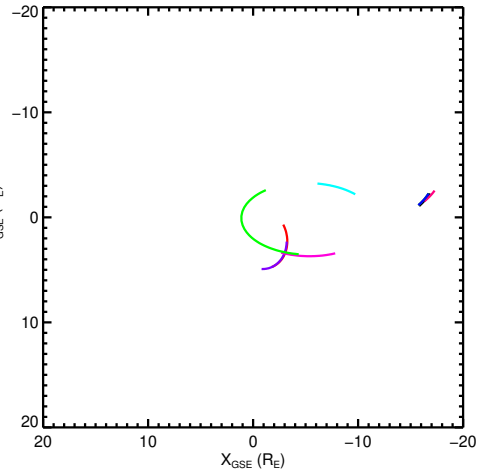




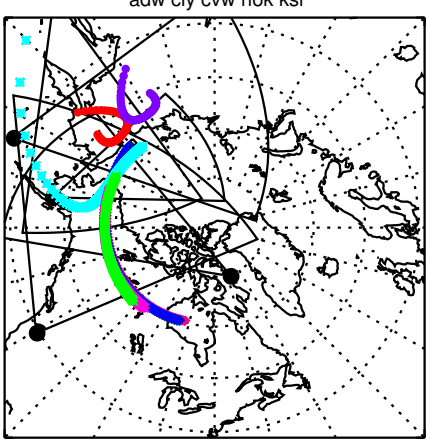
(a) 0000UT to 0320UT
bks cve fhe kap sto wal



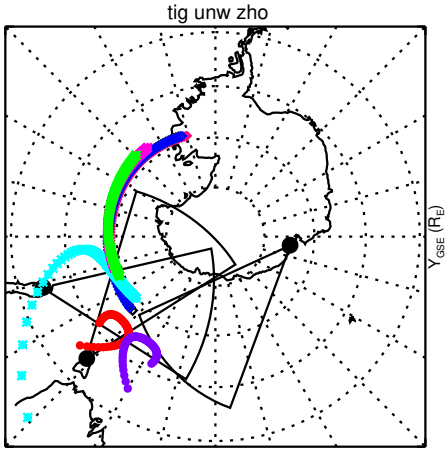


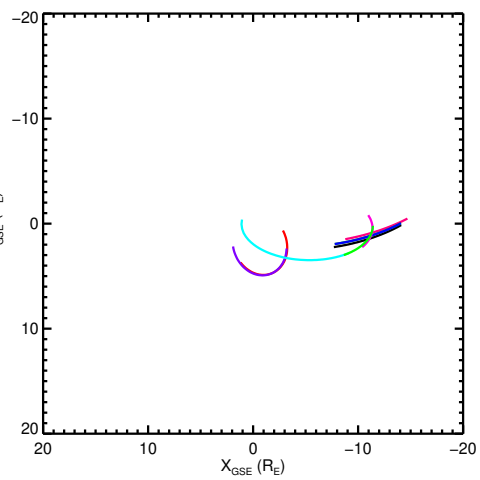


(b) 0615UT to 1220UT
adw cly cvw hok ksr

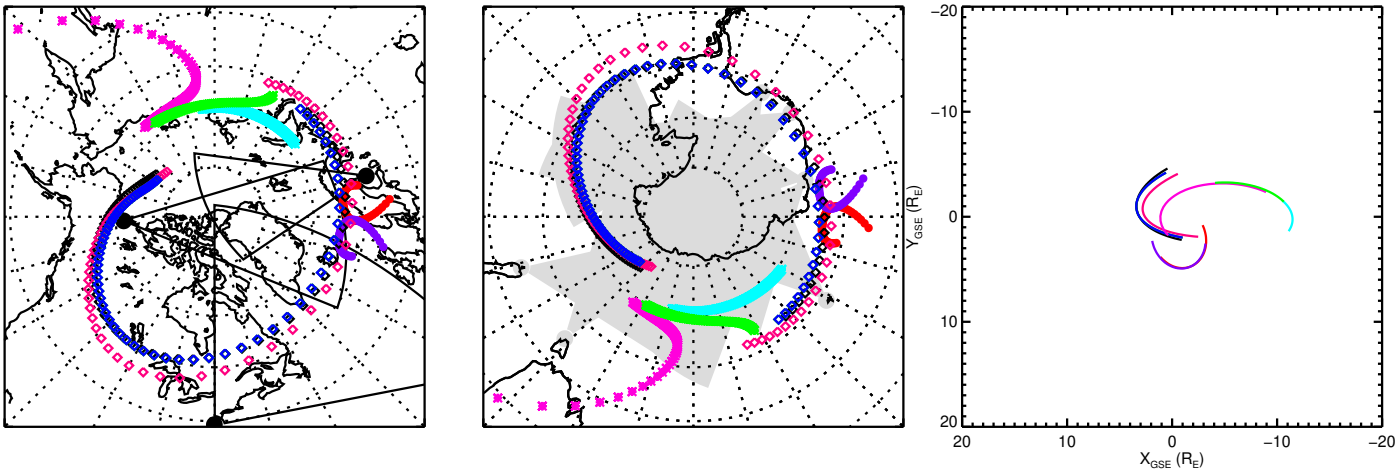


tig unw zho





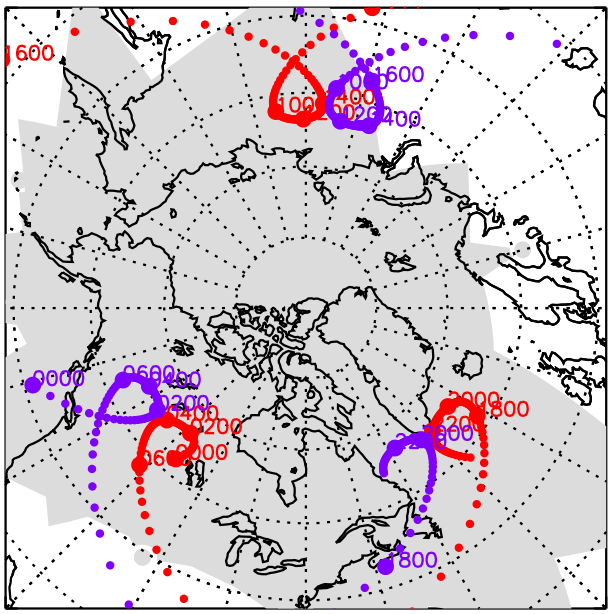
(c) 1520UT to 2115UT
han inv wal

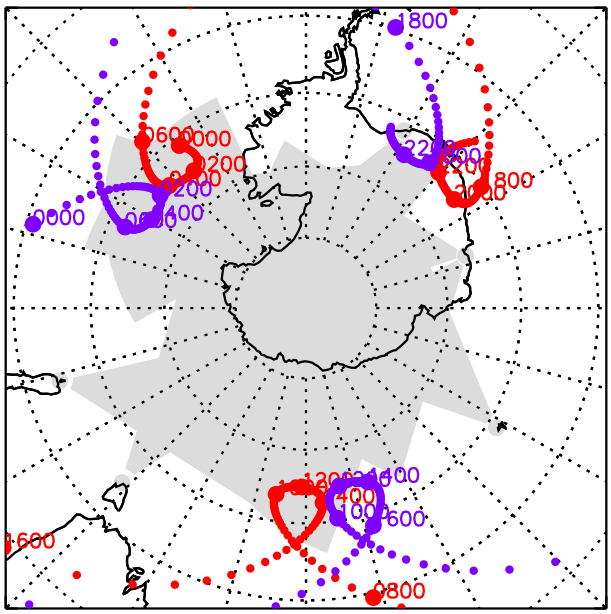


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

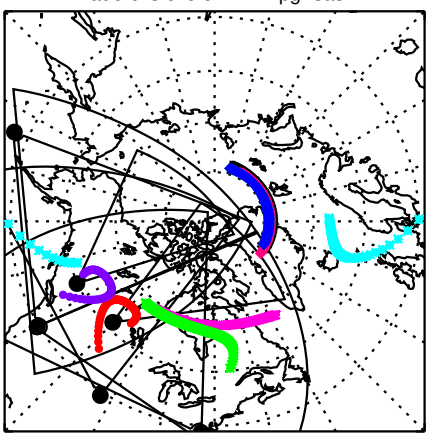
19–Aug–2013

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

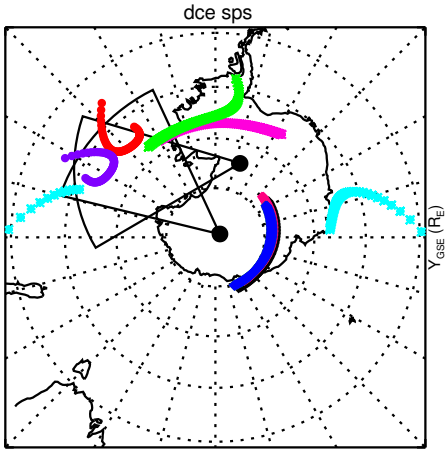


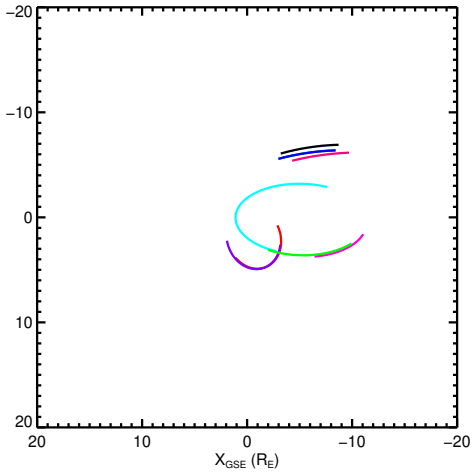


(a) 0020UT to 0615UT
ade bks cve cvw fhw pgr sas

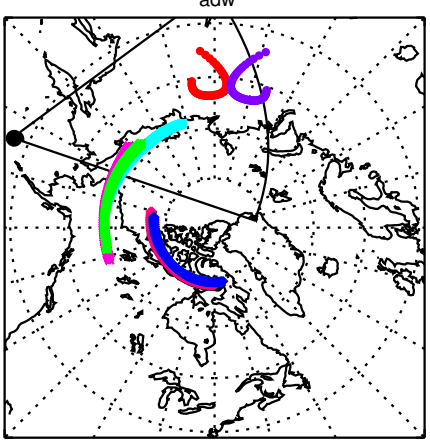


dce sps

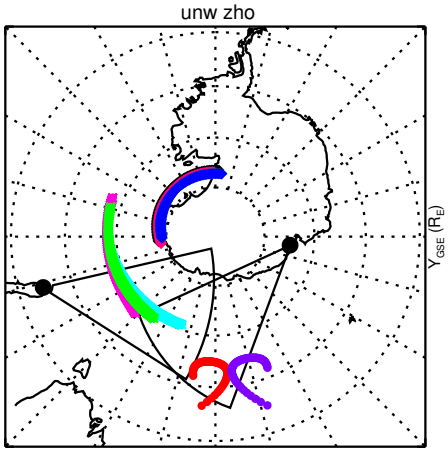


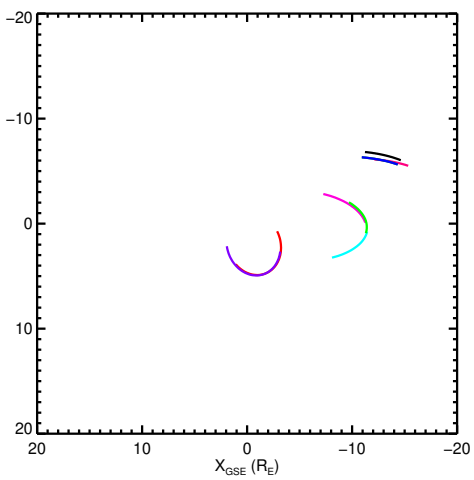


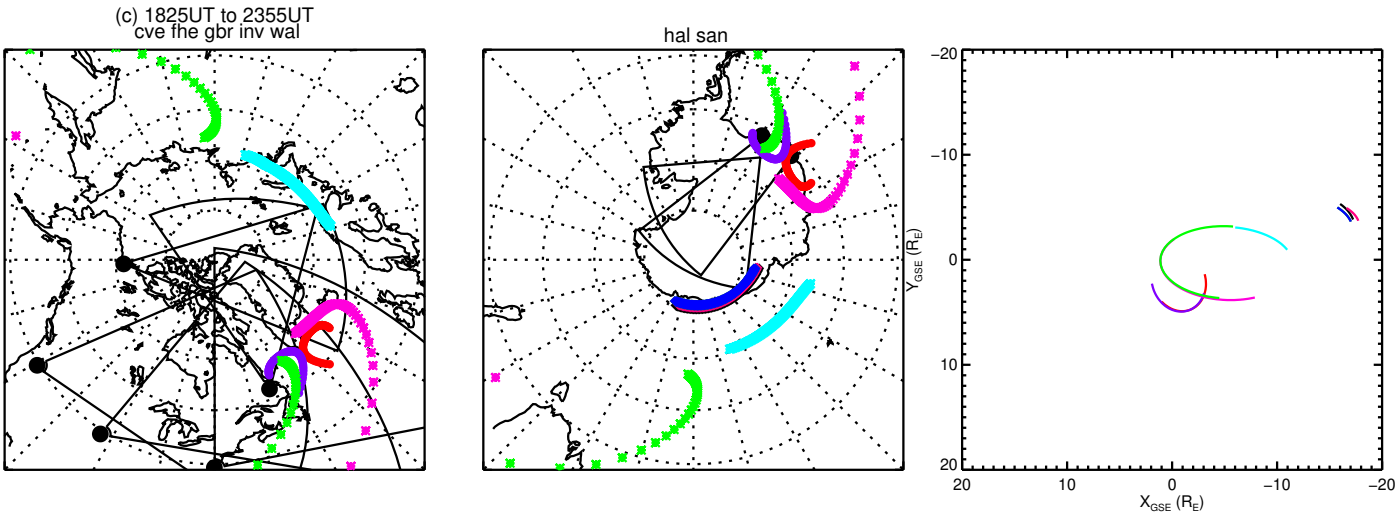
(b) 0920UT to 1515UT
adw



unw zho



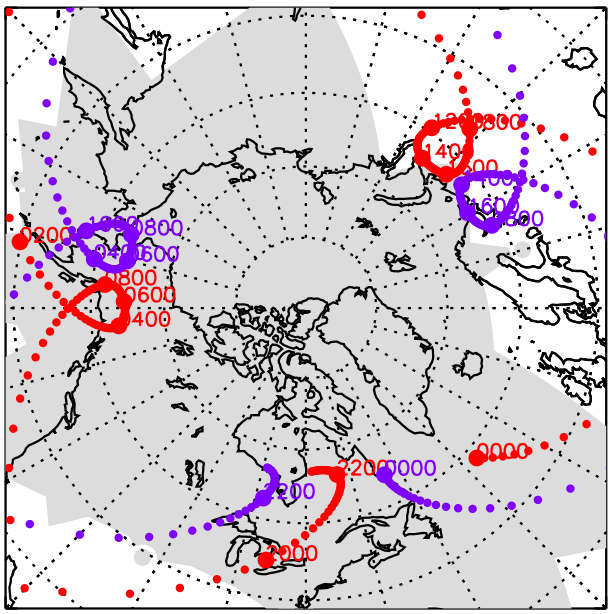


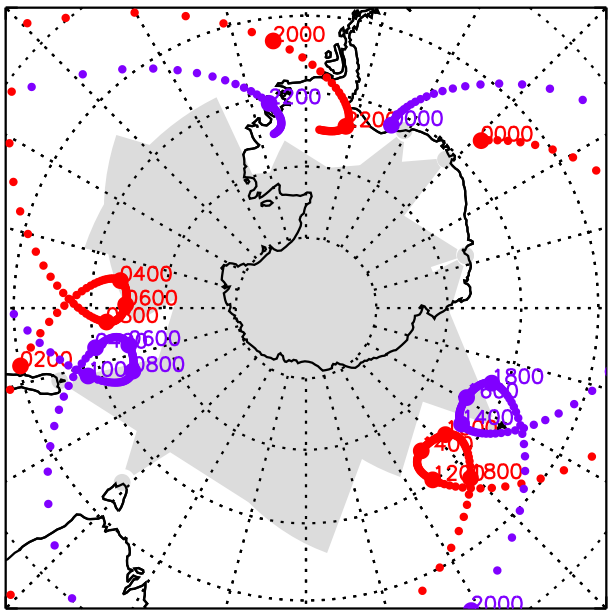

(c) 1825UT to 2355UT
cve fhe gbr inv wal
hal san
−20
−10
0
10
20
Y_{GSE} (R_E)
20
10
0
−10
−20
X_{GSE} (R_E)

Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

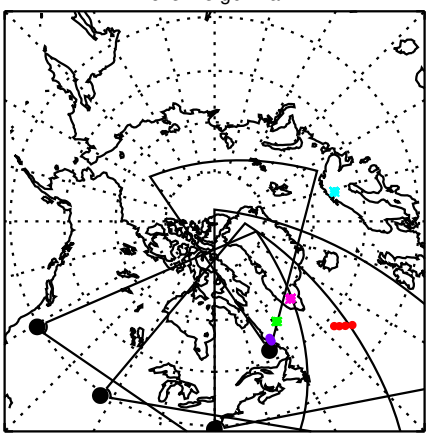
20–Aug–2013

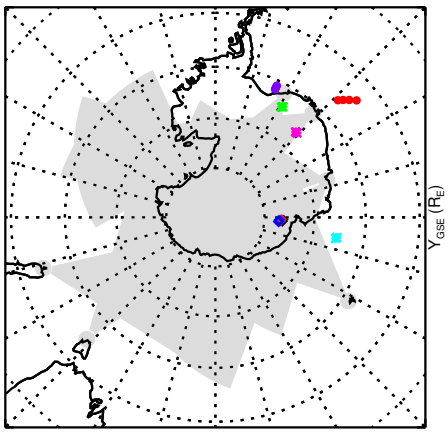
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

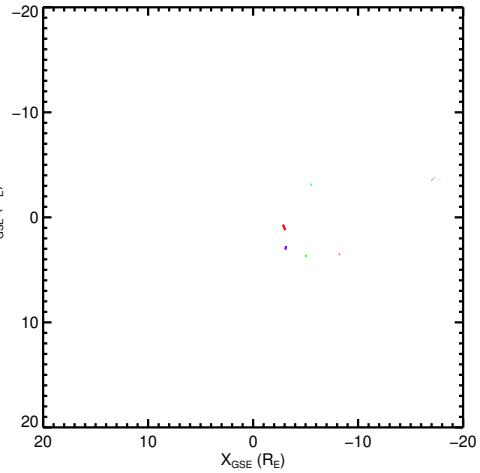




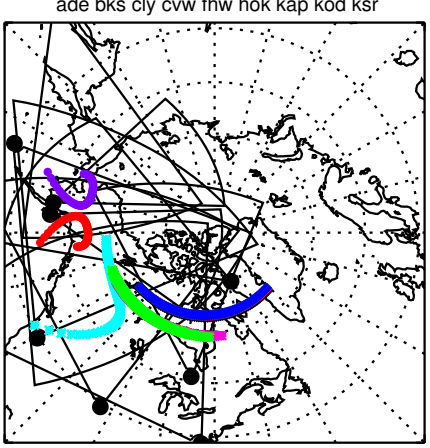
(a) 0000UT to 0015UT
cve fhe gbr wal



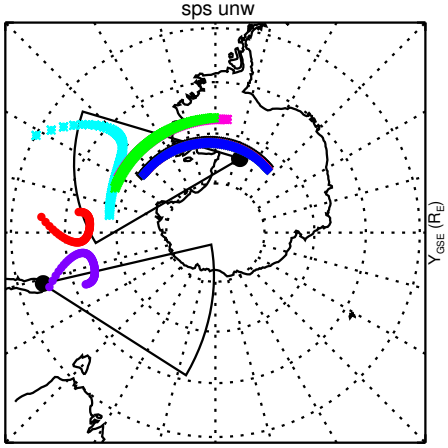


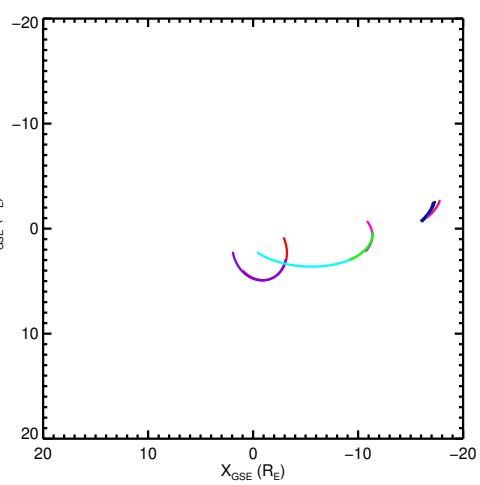


(b) 0325UT to 0910UT
ade bks cly cvw fhw hok kap kod ksr

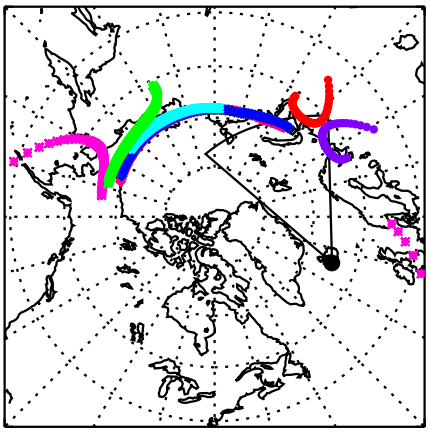


sps unw





(c) 1225UT to 1810UT
pyk



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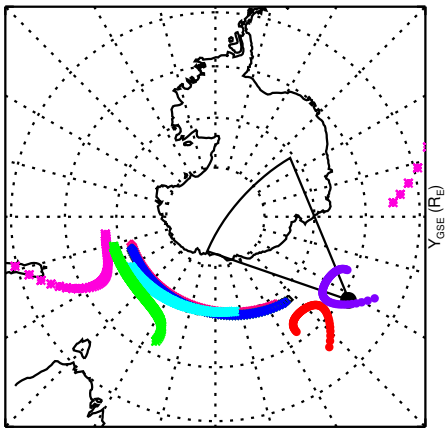
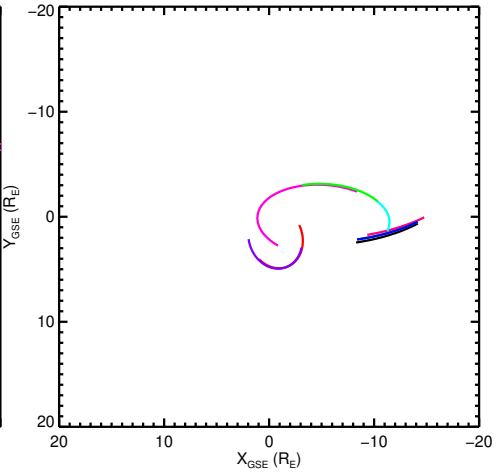
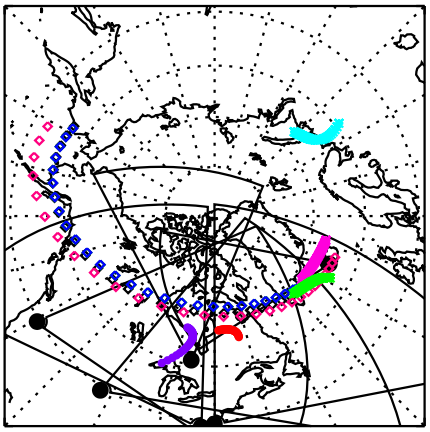
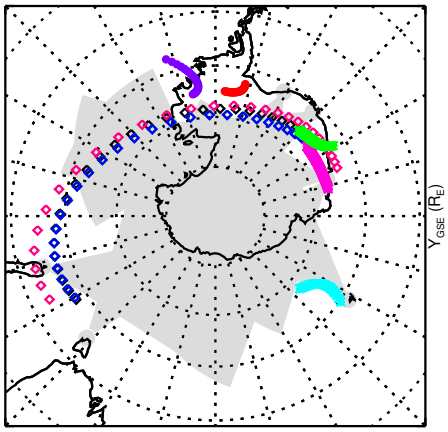
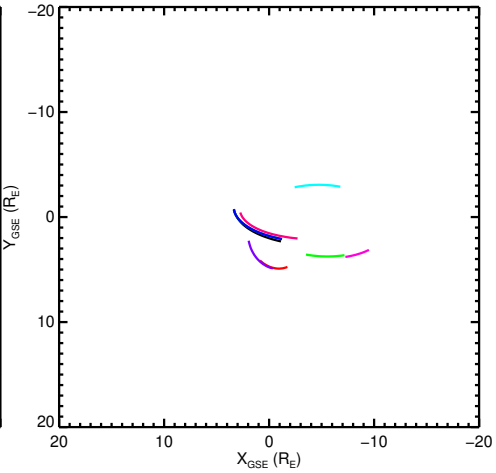




(d) 2130UT to 2355UT
bks cve fhe kap sto wal



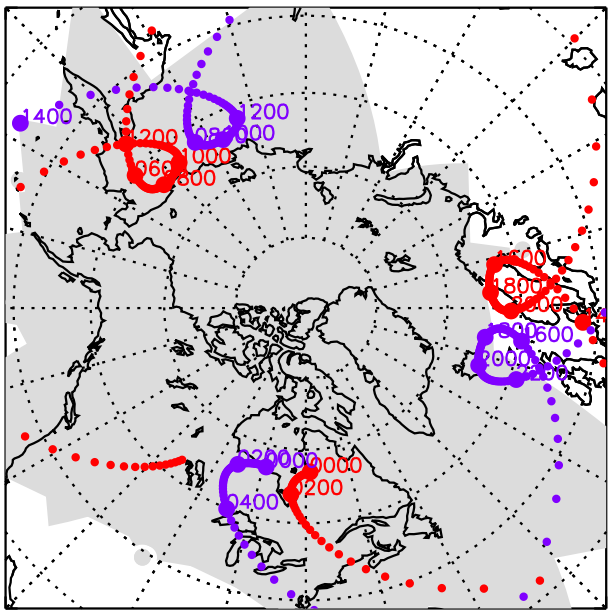


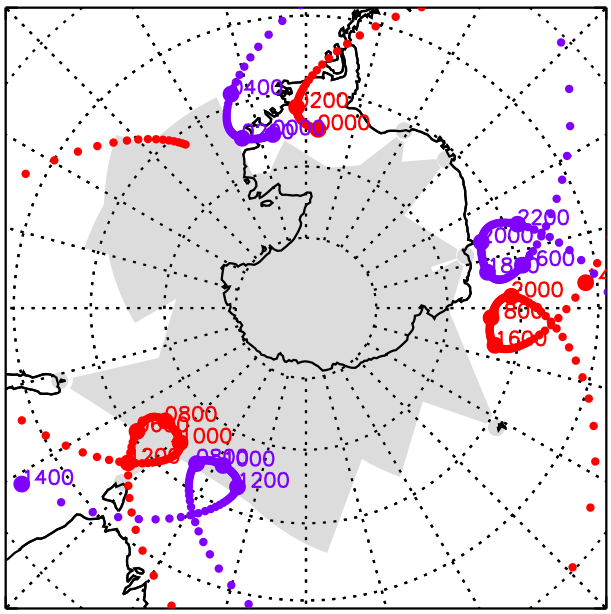


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

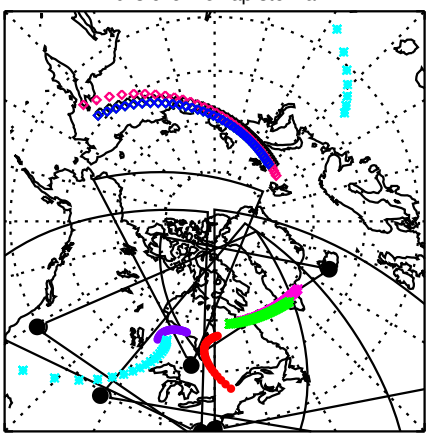
21−Aug−2013

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

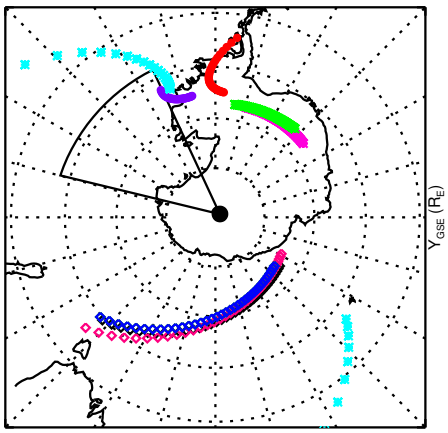


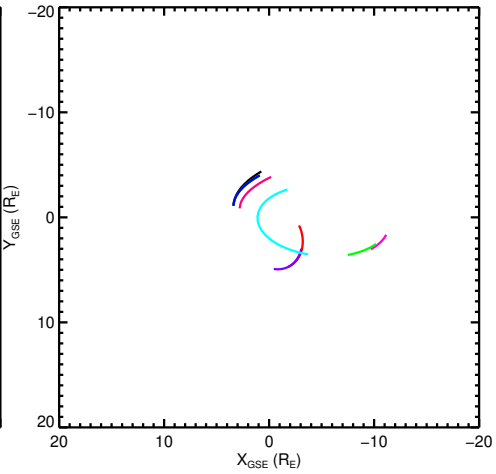


(a) 0000UT to 0310UT
bks cve fhe kap sto wal

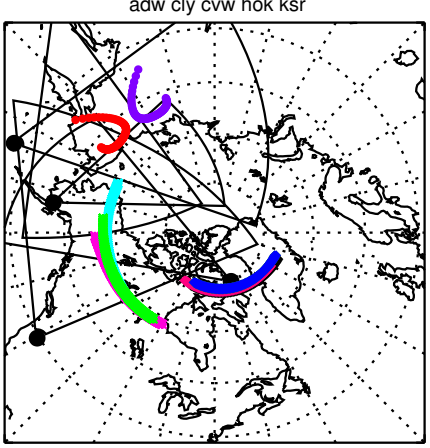


dce

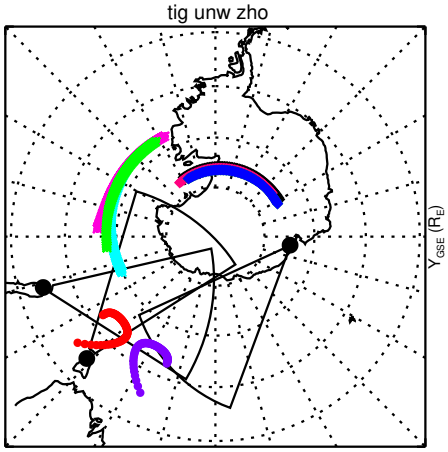


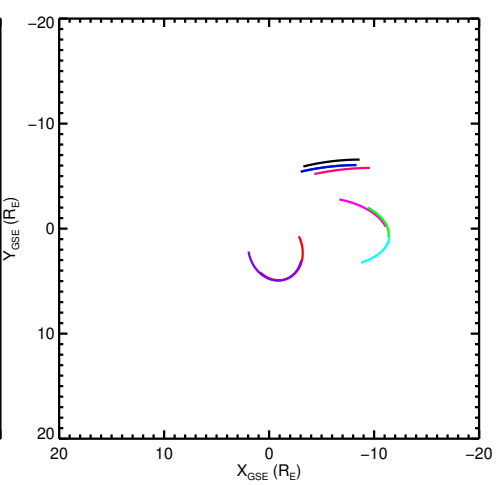


(b) 0630UT to 1210UT
adw cly cvw hok ksr

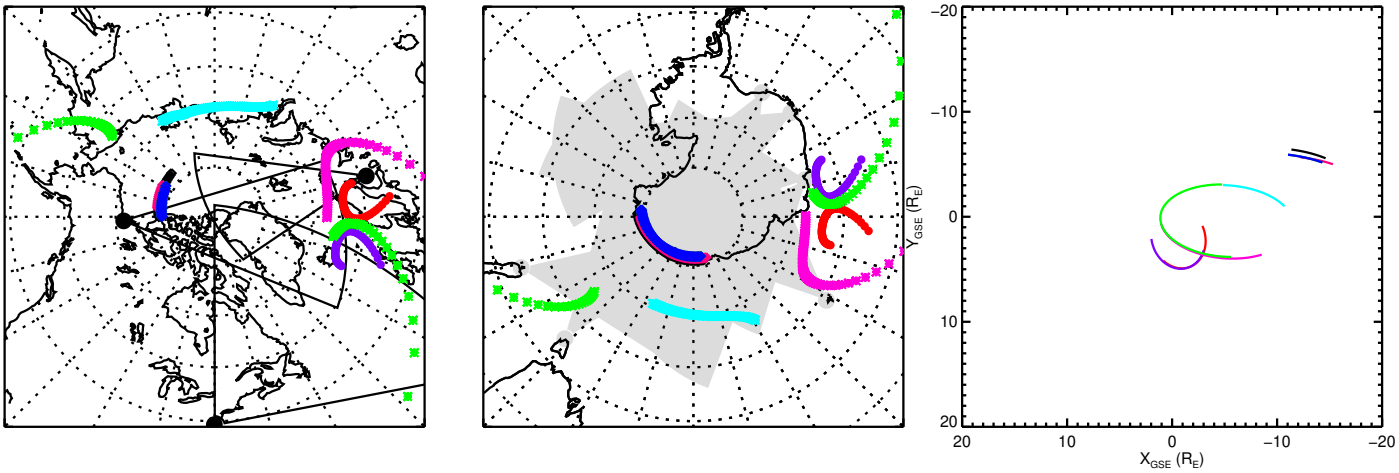


tig unw zho





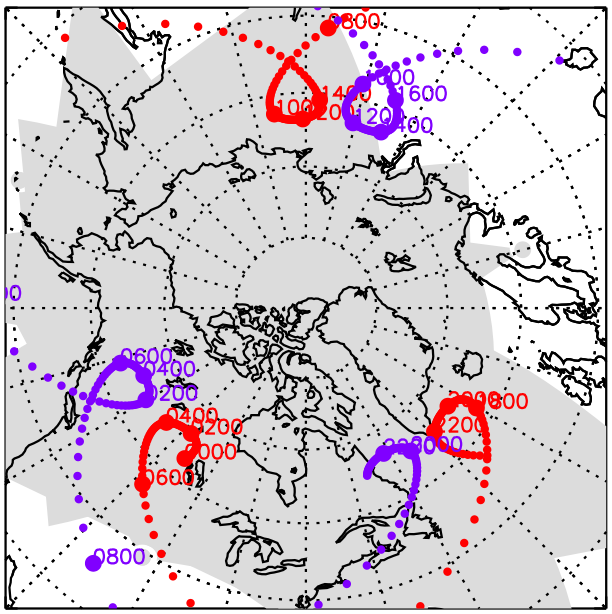
(c) 1530UT to 2105UT
han inv wal

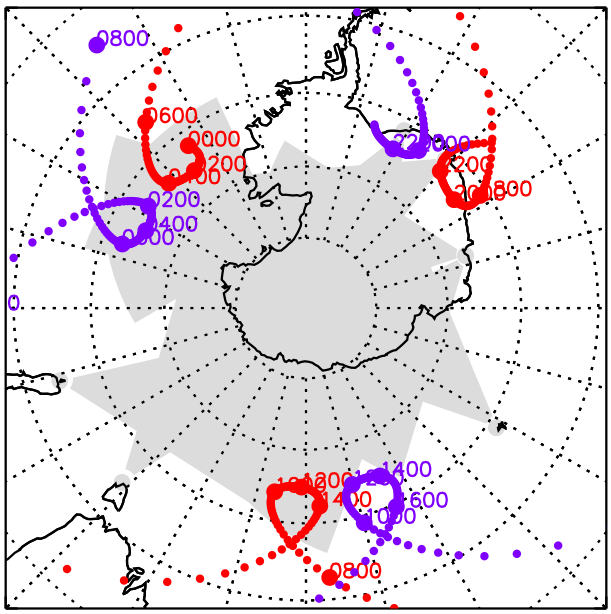


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

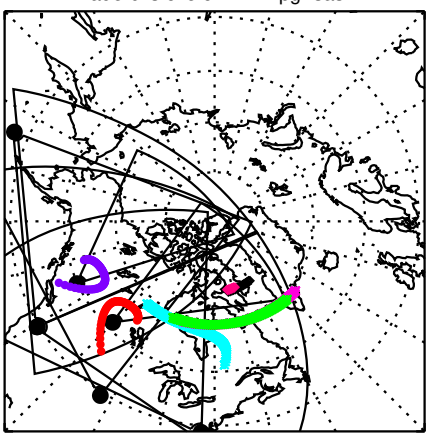
22–Aug–2013

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

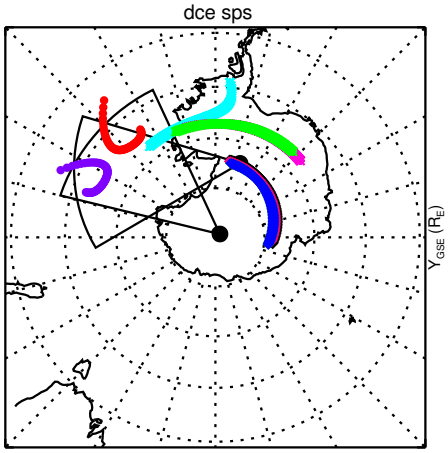


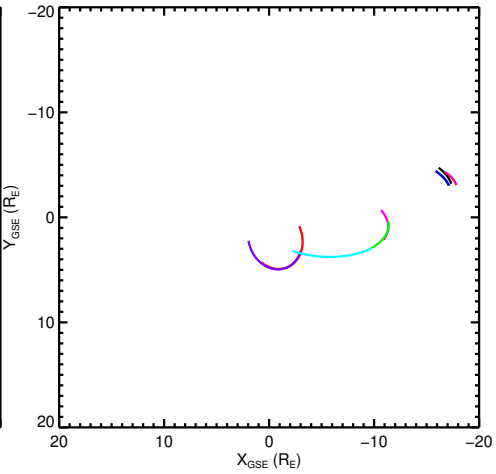


(a) 0035UT to 0605UT
ade bks cve cvw fhw pgr sas

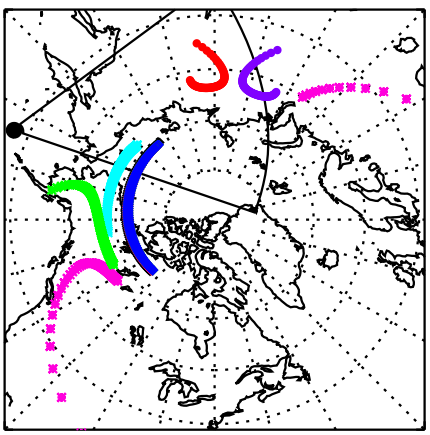


dce sps

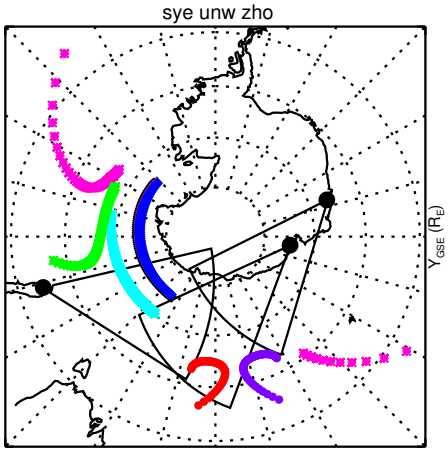


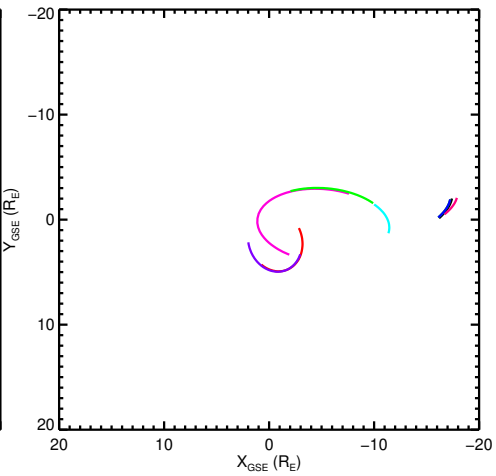


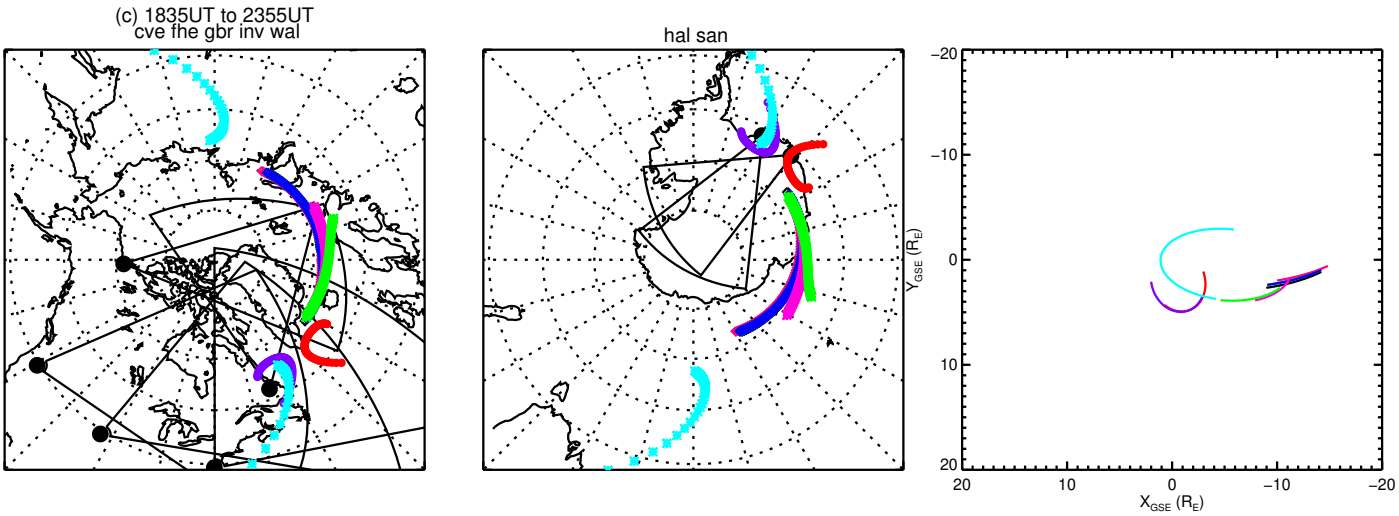
(b) 0935UT to 1505UT
adw



sye unw zho



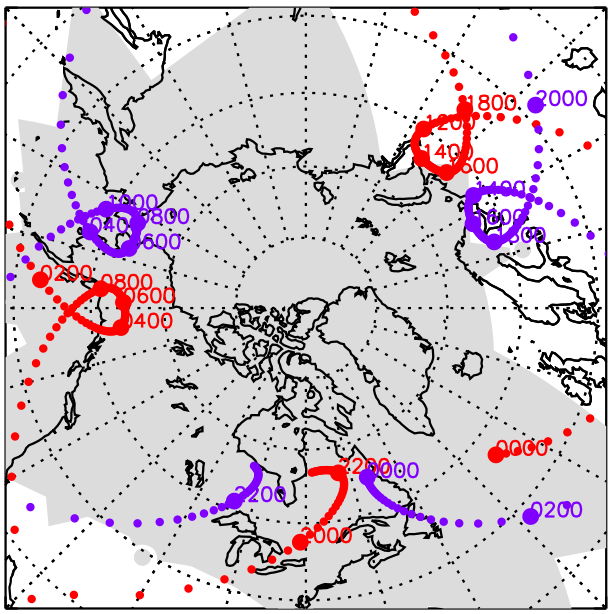


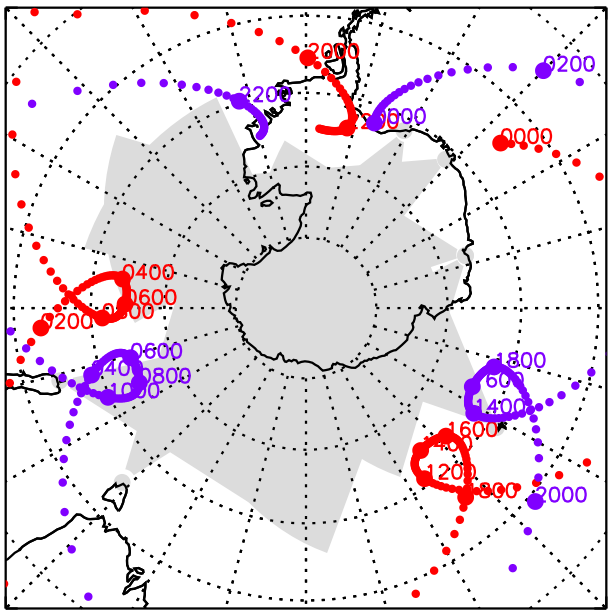

(c) 1835UT to 2355UT
cve fhe gbr inv wal
hal san
−20
−10
0
10
20
Y_{GSE} (R_E)
20
10
0
−10
−20
X_{GSE} (R_E)

Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

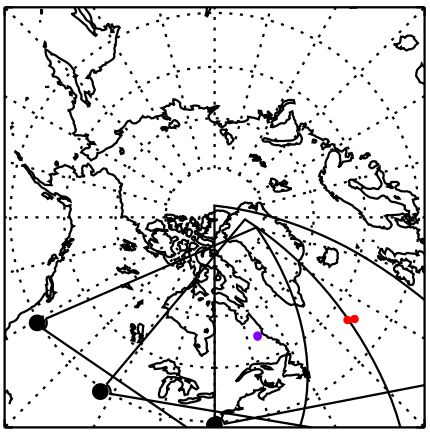
23–Aug–2013

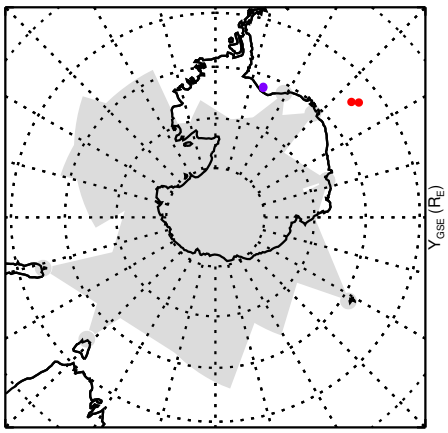
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

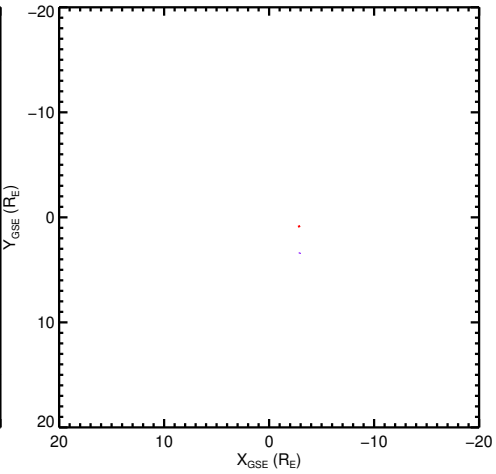




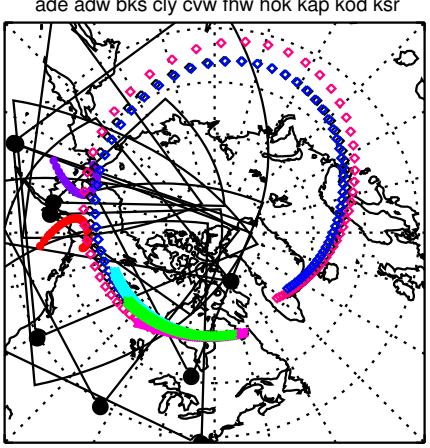
(a) 0000UT to 0005UT
cve fhe wal



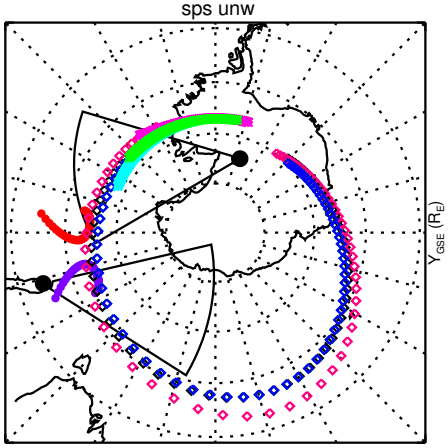


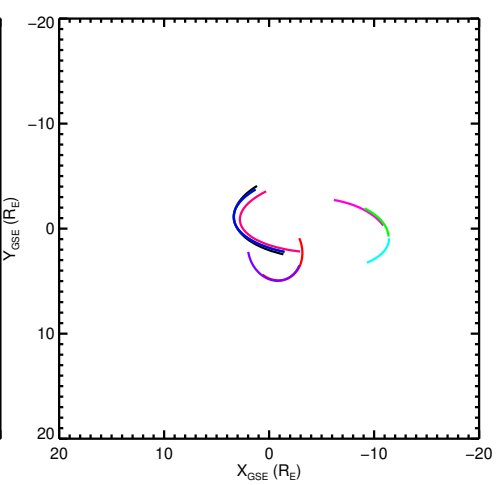


(b) 0340UT to 0900UT
ade adw bks cly cvw fhw hok kap kod ksr

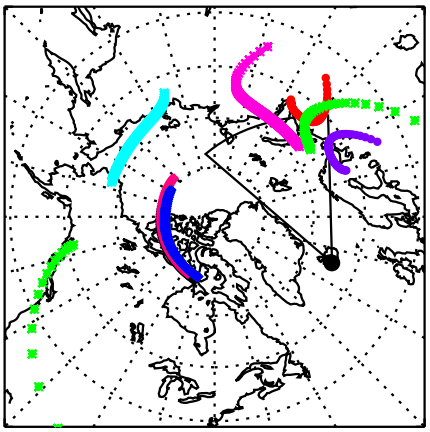


sps unw

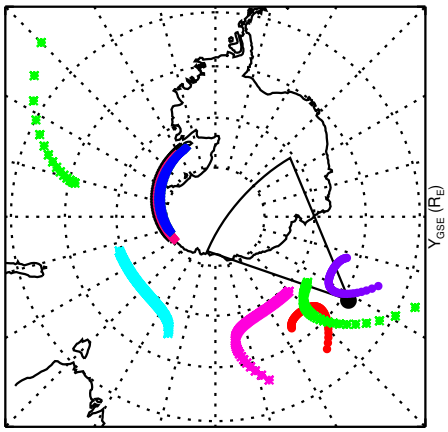


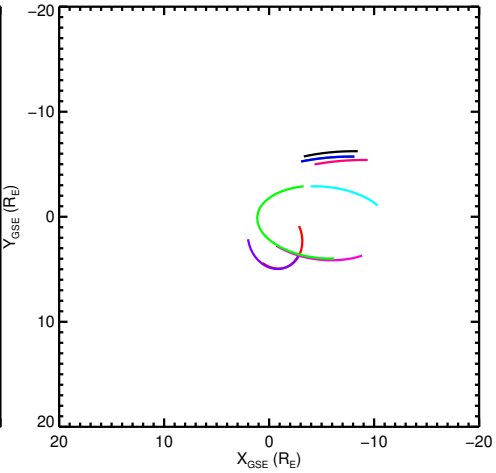


(c) 1240UT to 1800UT
pyk

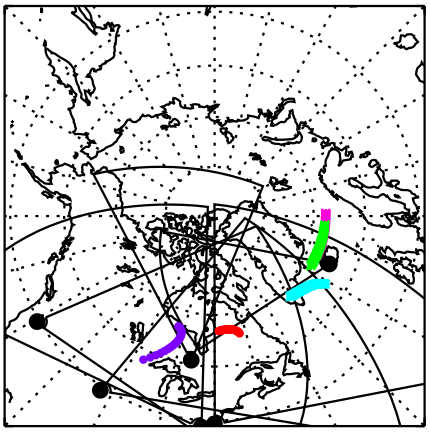


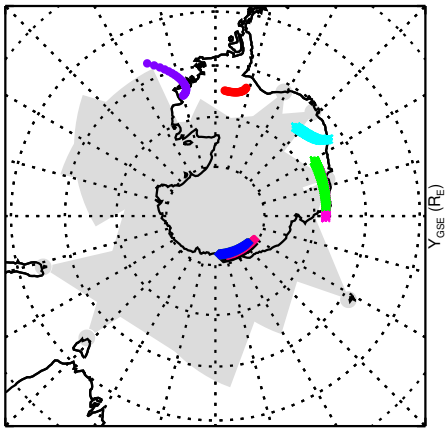
ker

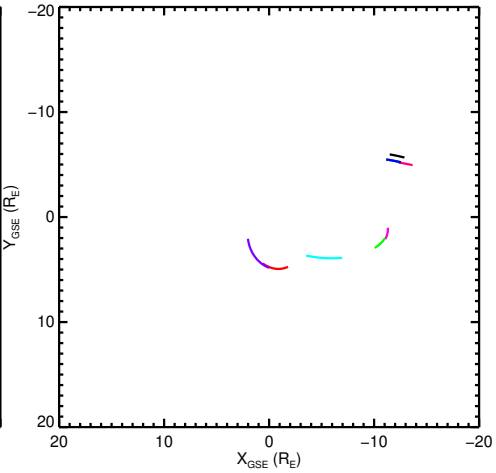




(d) 2140UT to 2355UT
bks cve fhe kap sto wal



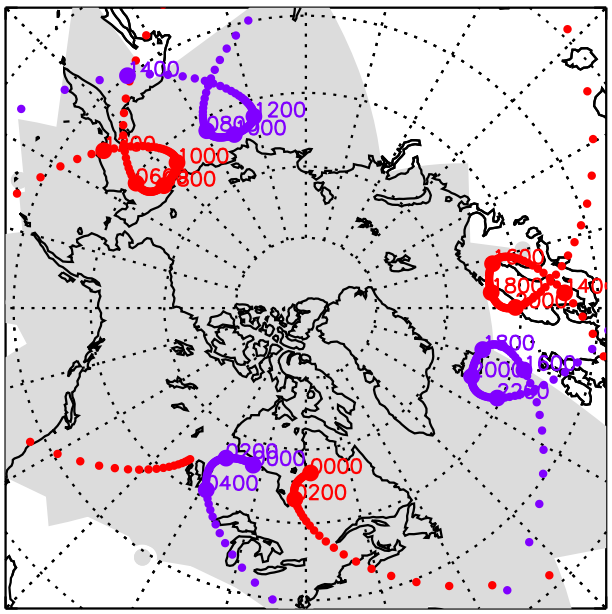


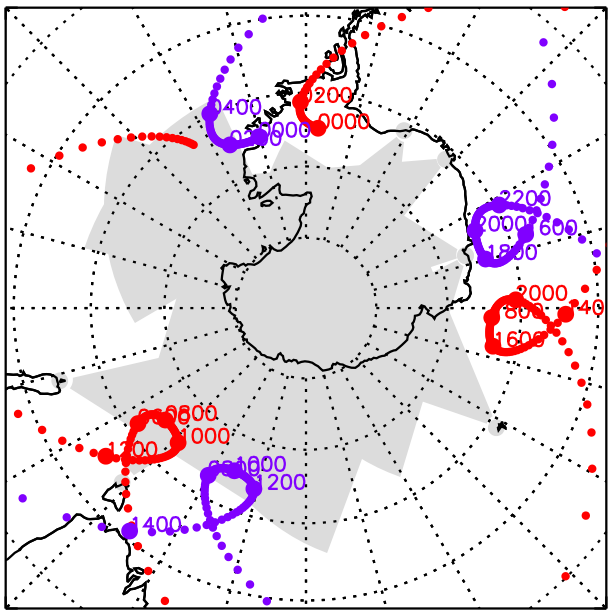


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

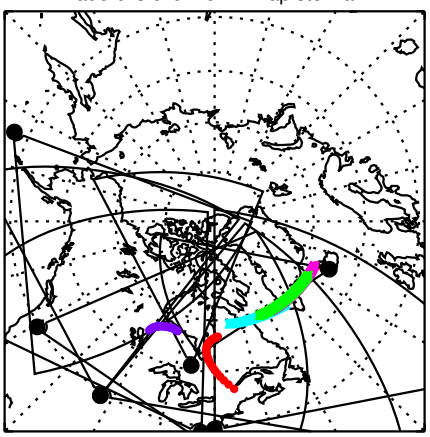
24–Aug–2013

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

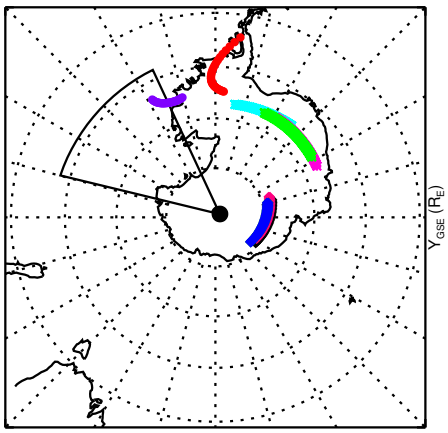


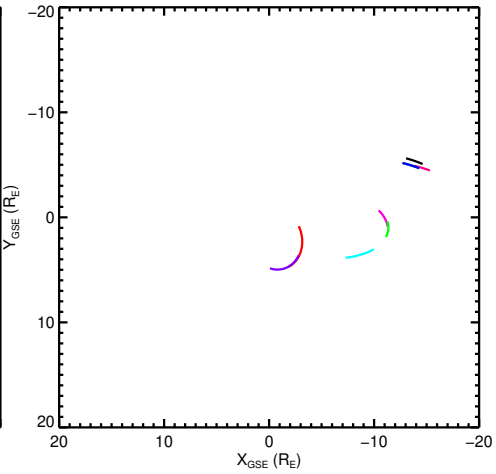


(a) 0000UT to 0300UT
ade bks cve fhe fhw kap sto wal

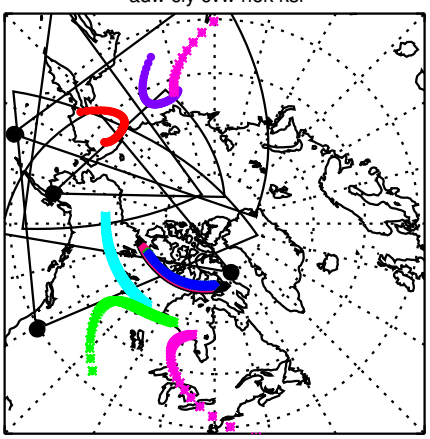


dce

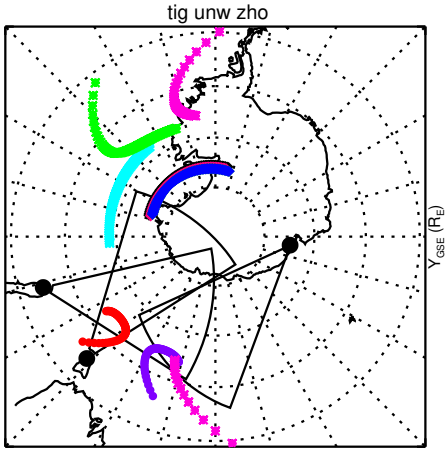


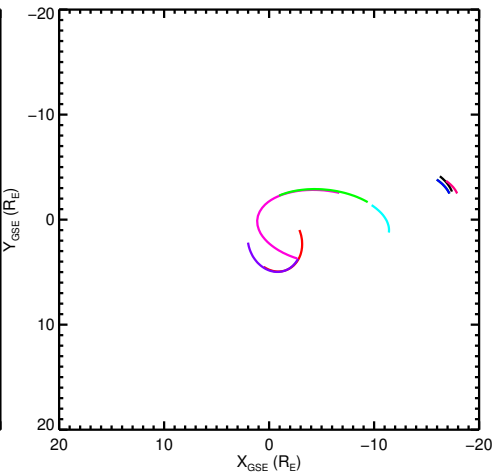


(b) 0645UT to 1155UT
adw cly cvw hok ksr

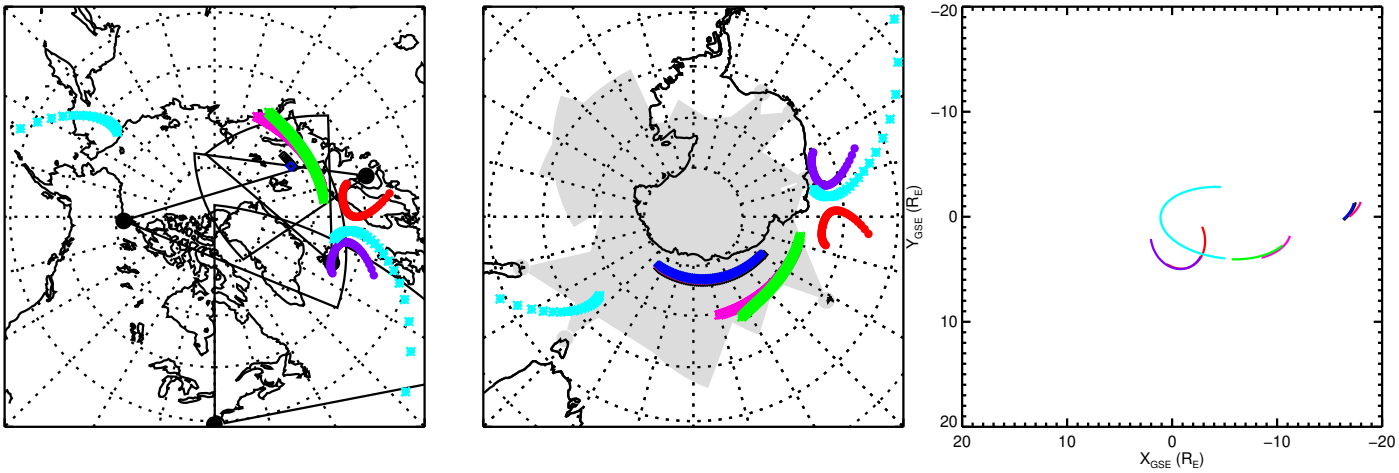


tig unw zho





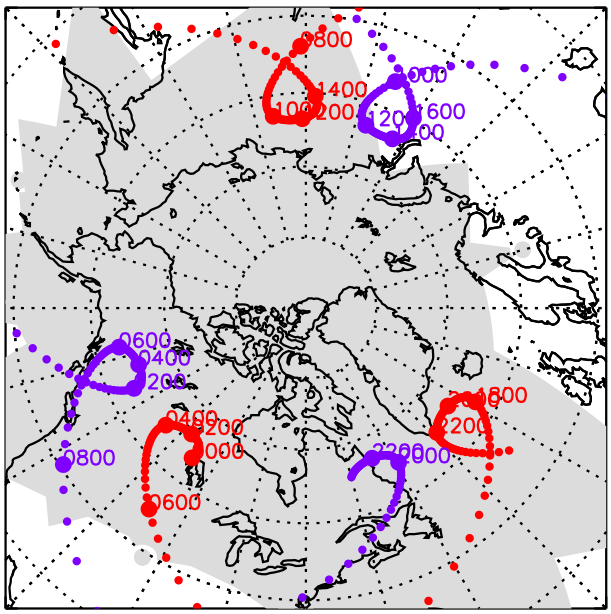
(c) 1545UT to 2055UT
han inv pyk wal

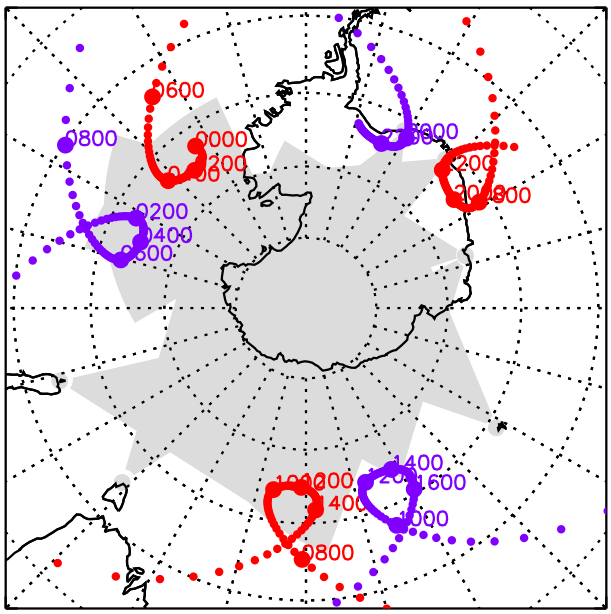


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

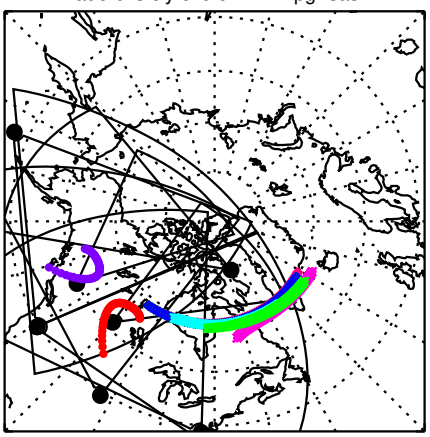
25–Aug–2013

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

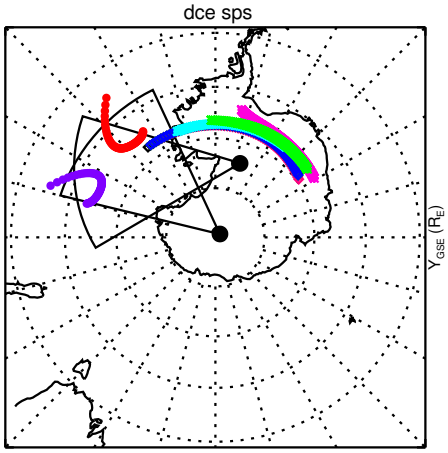


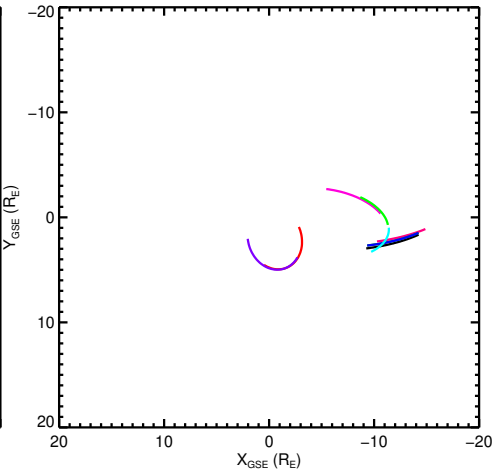


(a) 0045UT to 0555UT
ade bks cly cve cvw fhw pgr sas

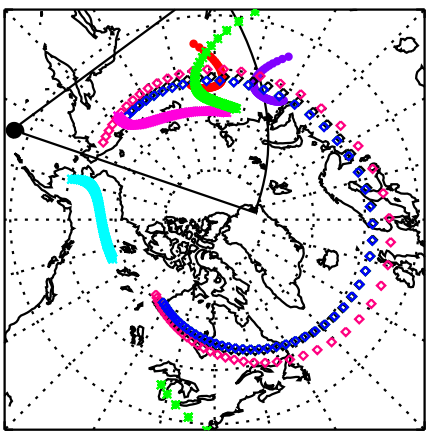


dce sps

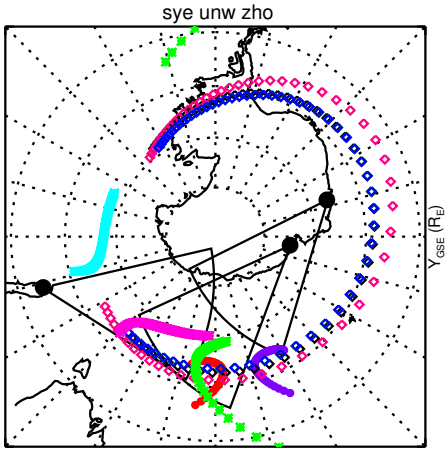


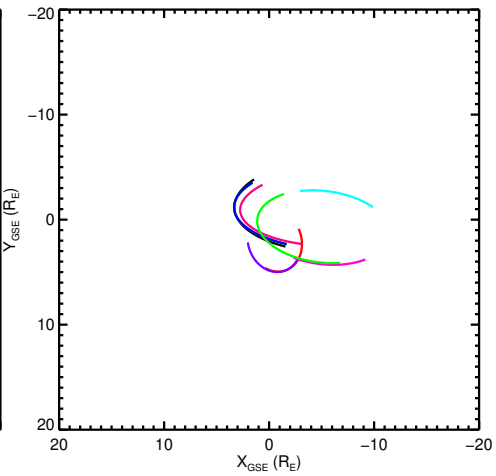


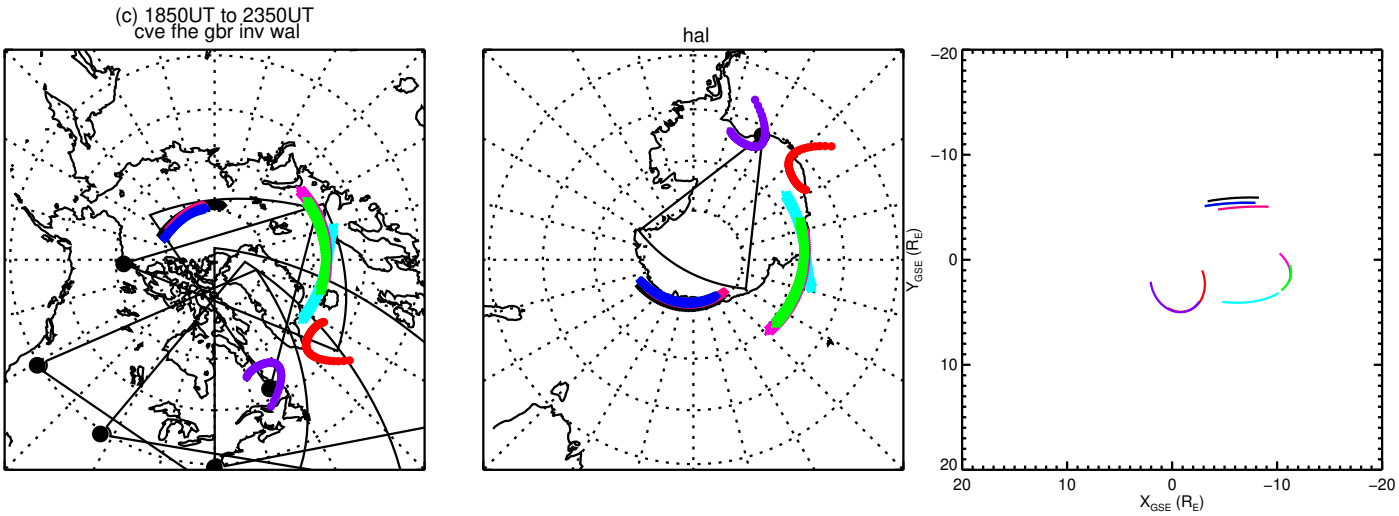
(b) 0950UT to 1455UT
adw



sye unw zho



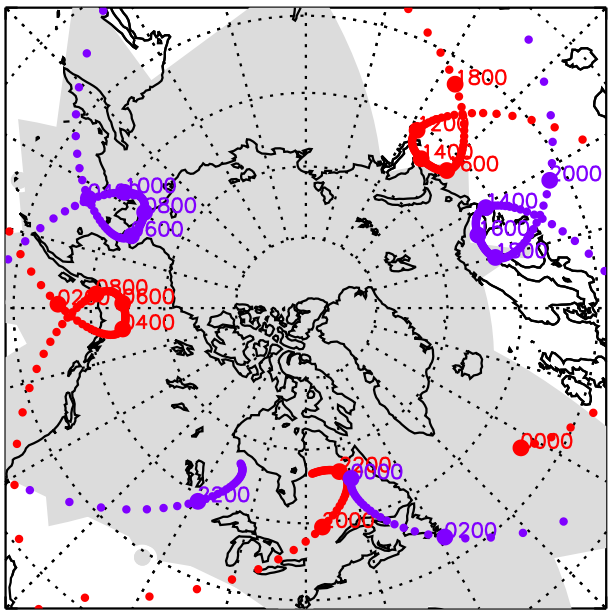


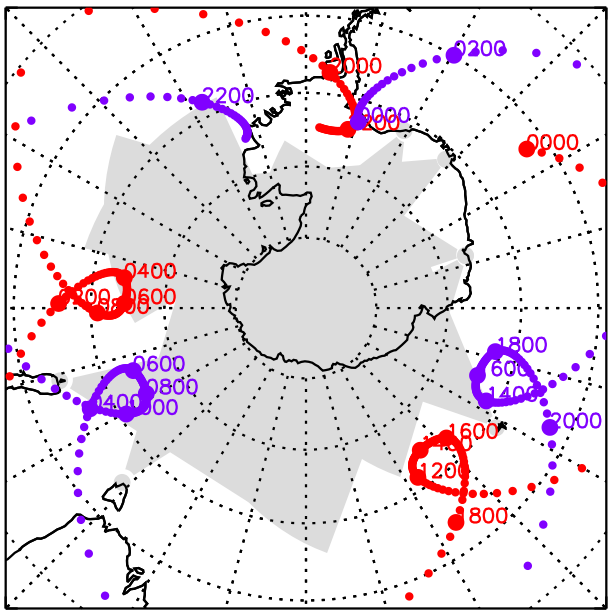

(c) 1850UT to 2350UT
cve fhe gbr inv wal
hal
−20
−10
0
10
20
Y_{GSE} (R_E)
20
10
0
−10
−20
X_{GSE} (R_E)

Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

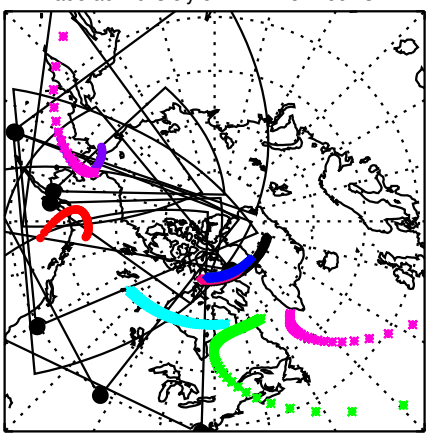
26–Aug–2013

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

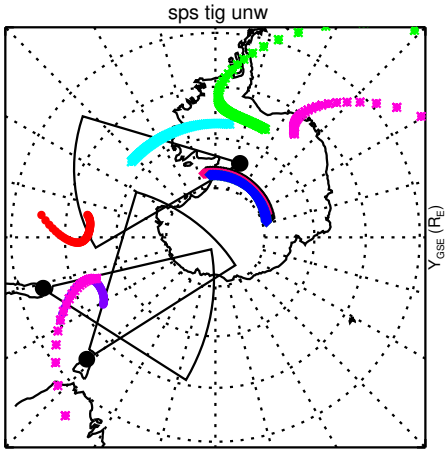


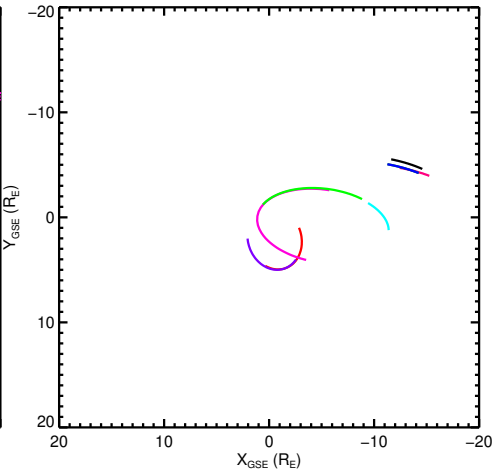


(a) 0350UT to 0850UT
ade adw bks cly cvw fhw hok kod ksr

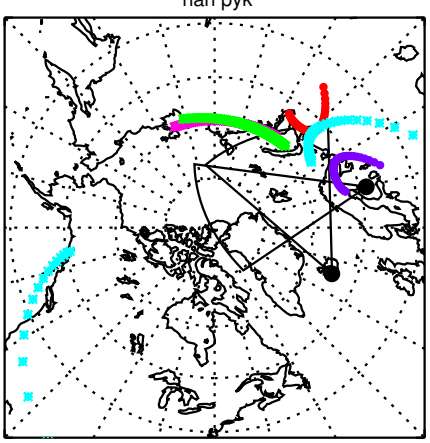


sps tig unw

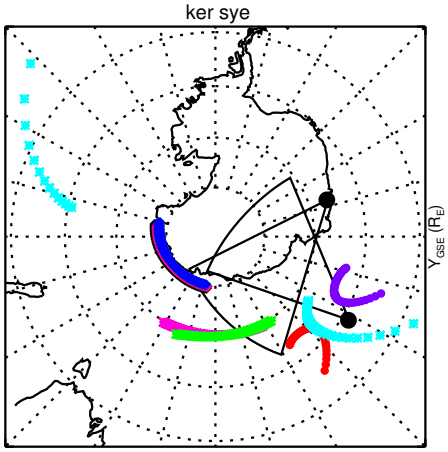


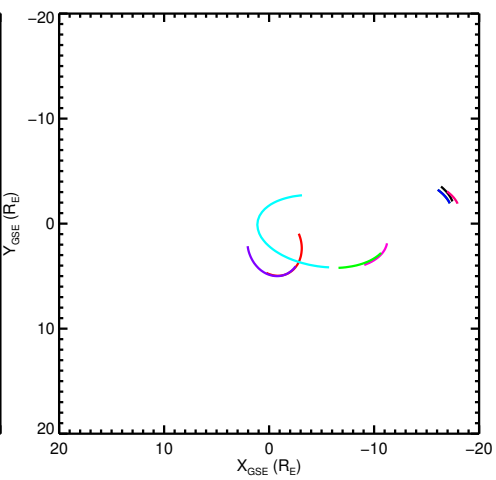


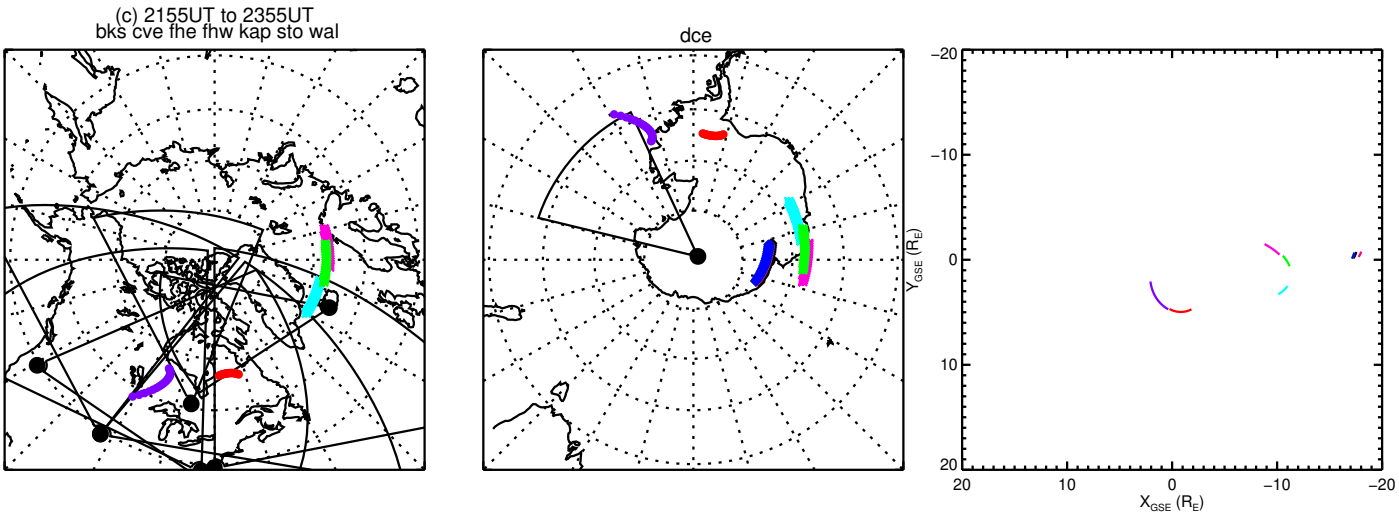
(b) 1255UT to 1750UT
han pyk



ker sye



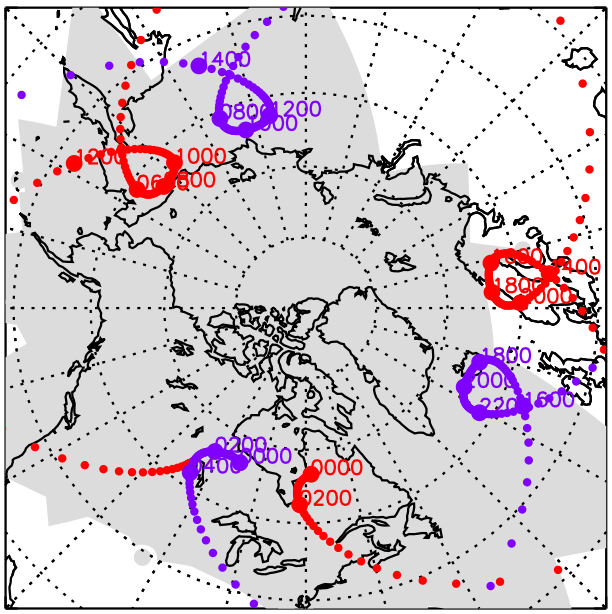


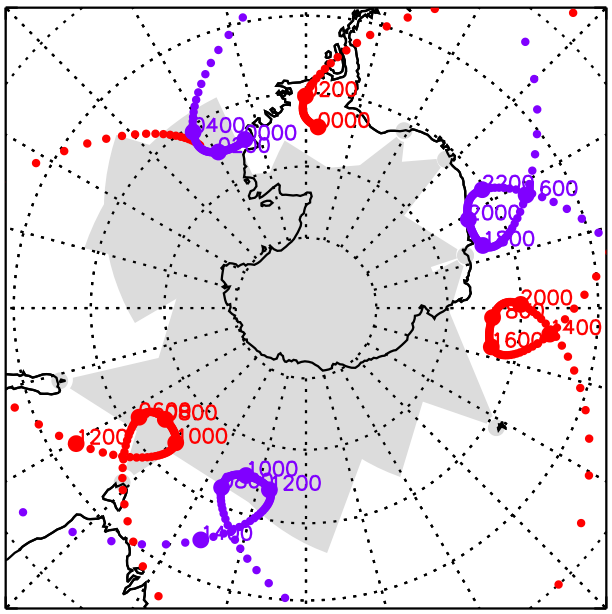

(c) 2155UT to 2355UT
bks cve fhe fhw kap sto wal
dce
20
10
0
−10
−20
Y_{GSE} (R_E)
X_{GSE} (R_E)

Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

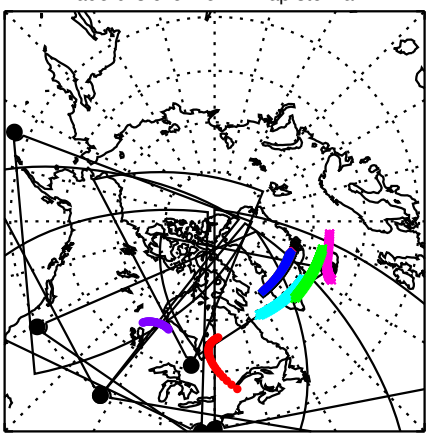
27−Aug−2013

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

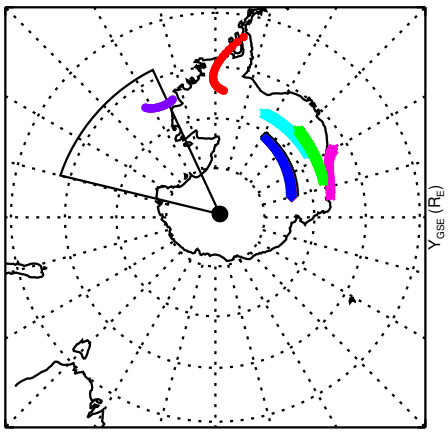


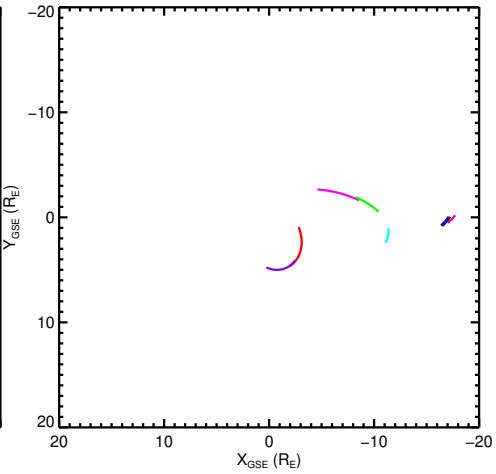


(a) 0000UT to 0250UT
ade bks cve fhe fhw kap sto wal

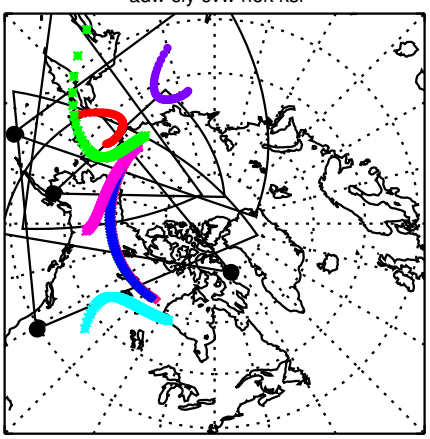


dce

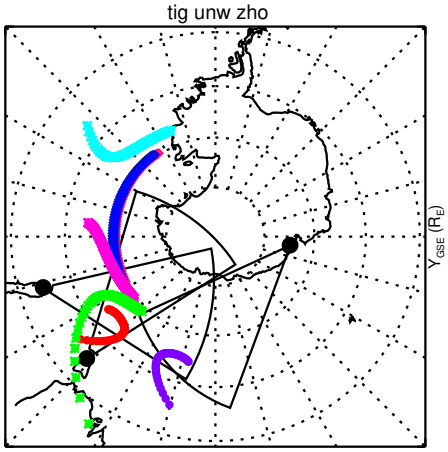


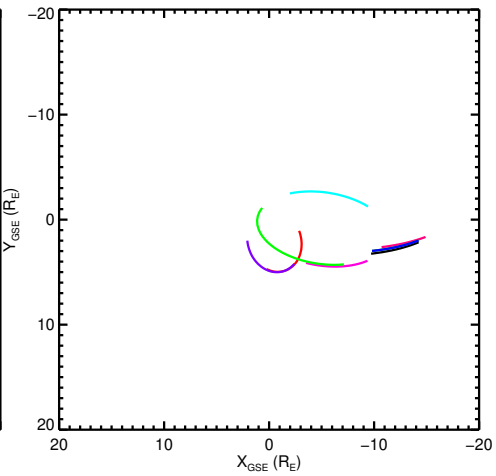


(b) 0655UT to 1145UT
adw cly cvw hok ksr

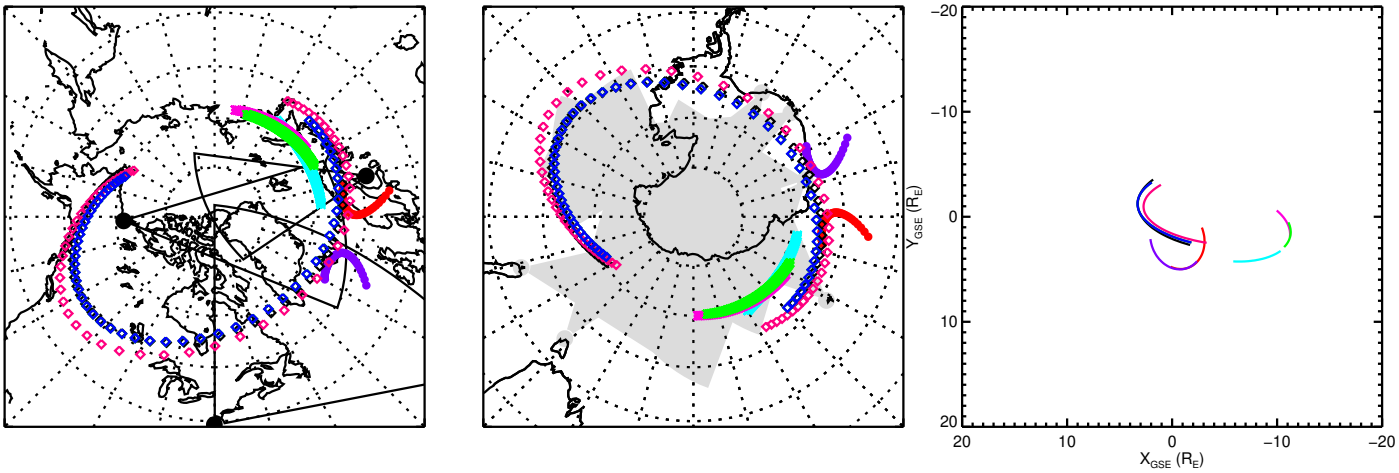


tig unw zho





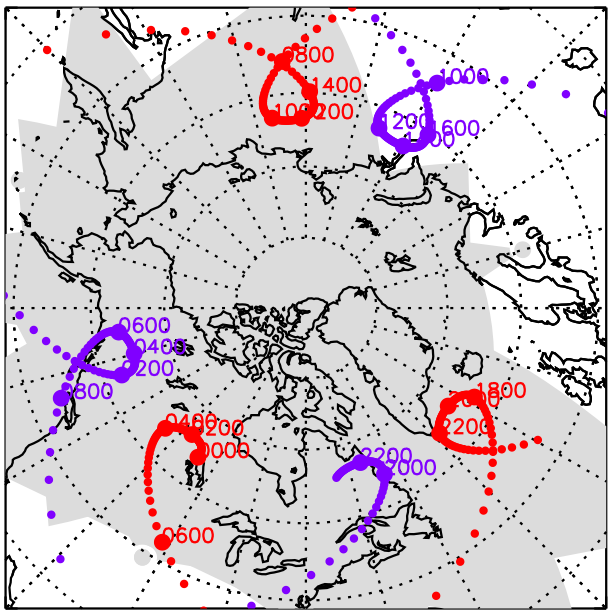
(c) 1600UT to 2045UT
han inv wal

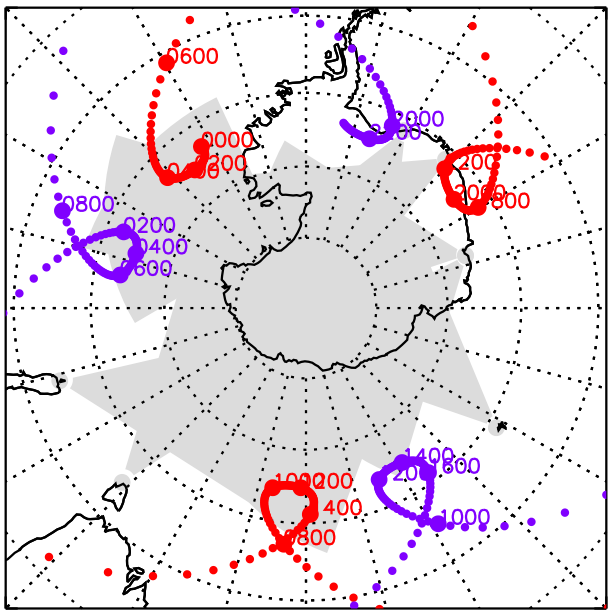


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

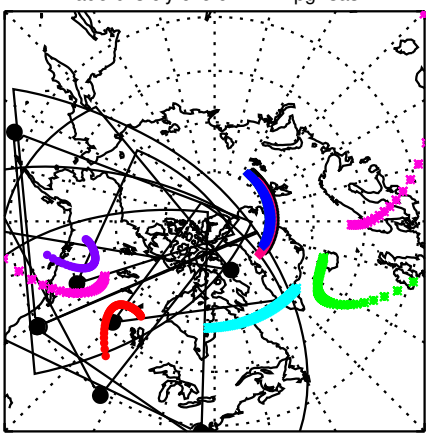
28–Aug–2013

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

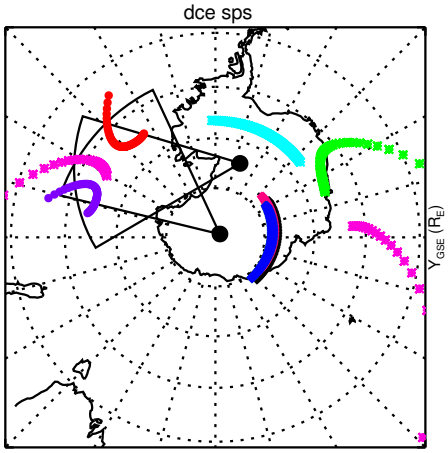


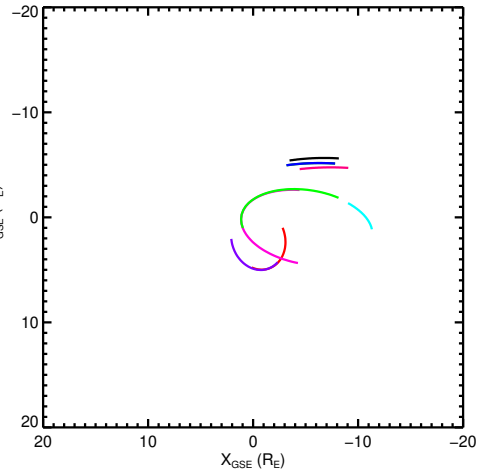


(a) 0100UT to 0545UT
ade bks cly cve cvw fhw pgr sas

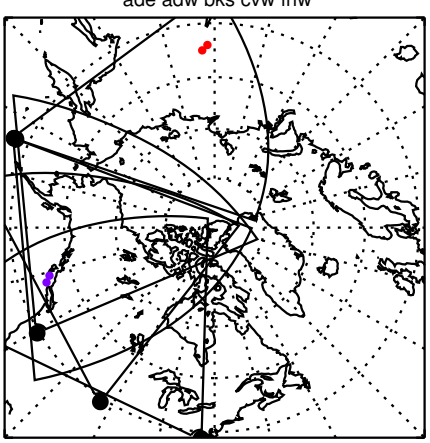


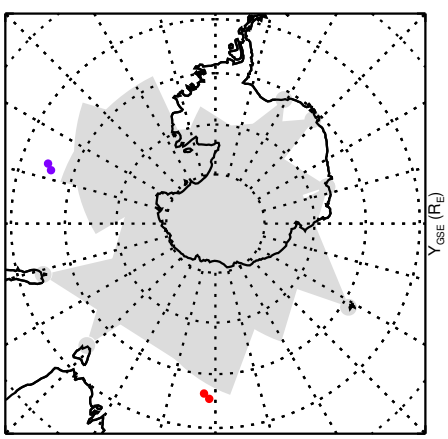
dce sps

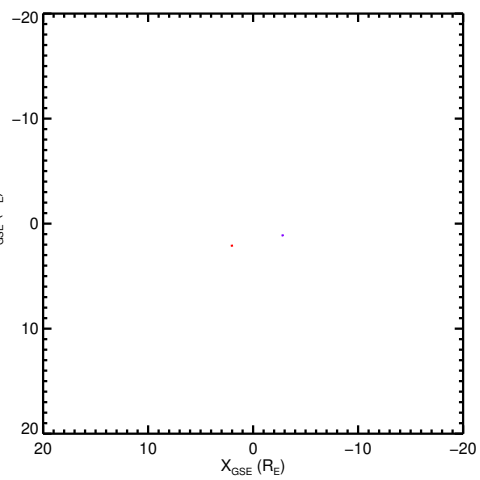




(b) 0750UT to 0755UT
ade adw bks cvw fhw

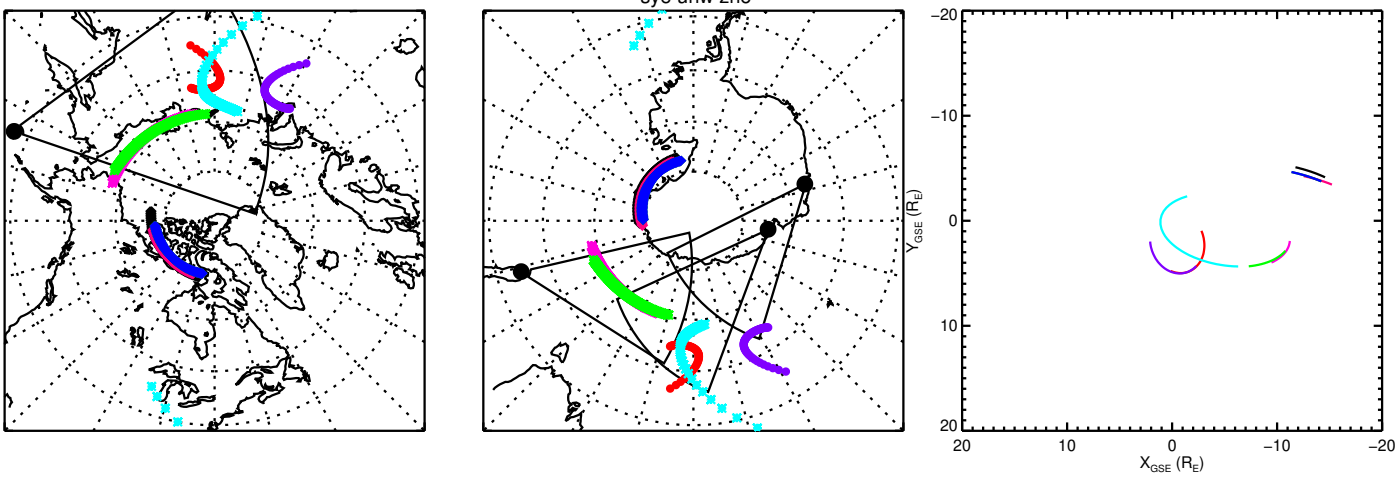




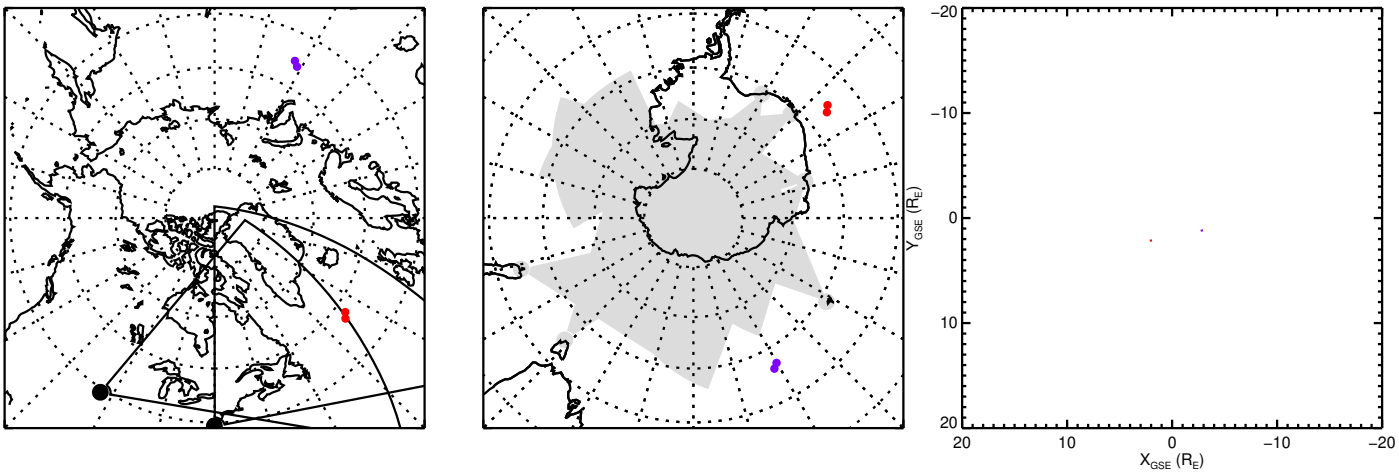


(c) 1000UT to 1445UT
adw

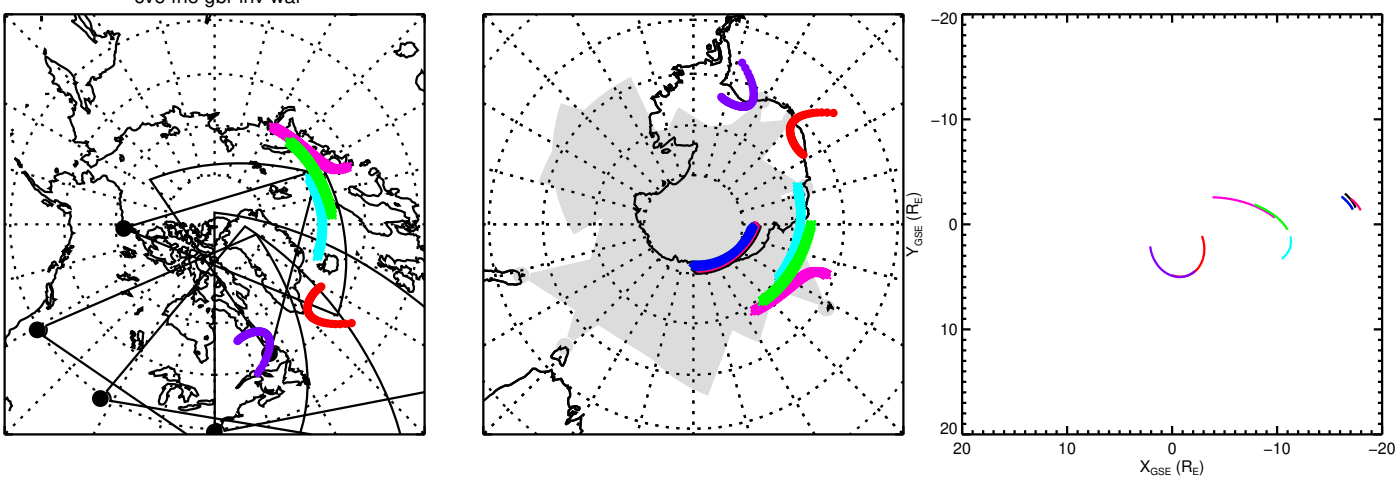
sye unw zho



(d) 1650UT to 1655UT
fhe wal



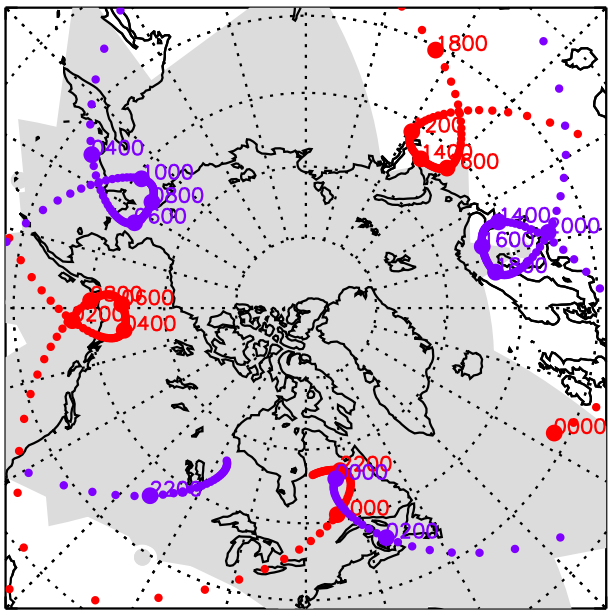
(e) 1905UT to 2340UT
cve fhe gbr inv wal

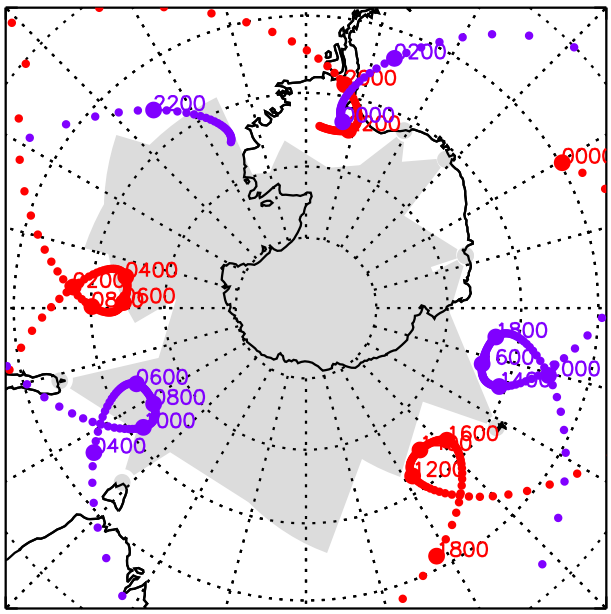


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

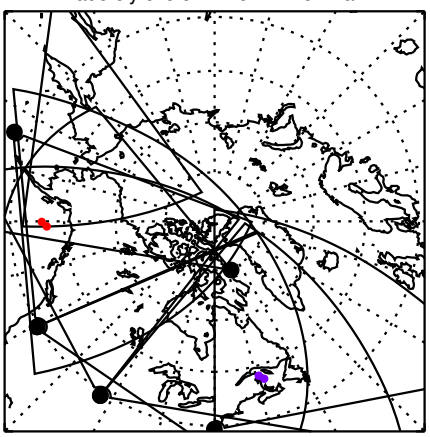
29–Aug–2013

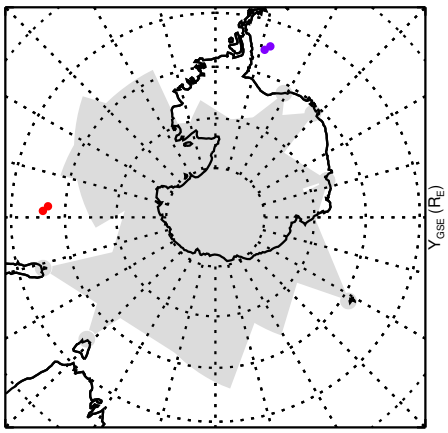
Top row: 24h footprints: RBSP–A RBSP–B
Bottom rows: Periods when both RBSP–A/B are at r > 3R_E. Also with: C1 C2 C3 C4 THA THD THE

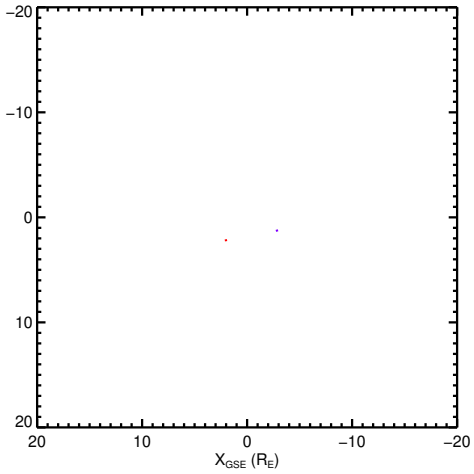




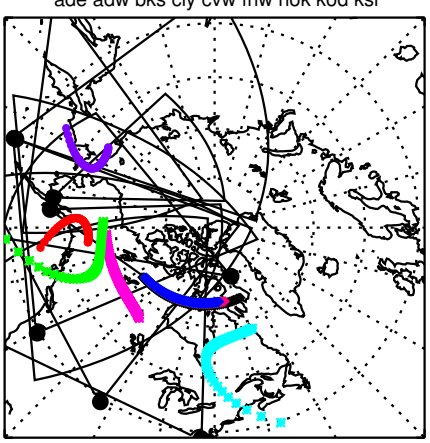
(a) 0150UT to 0155UT
ade cly cve cvw fhe fhw hok wal



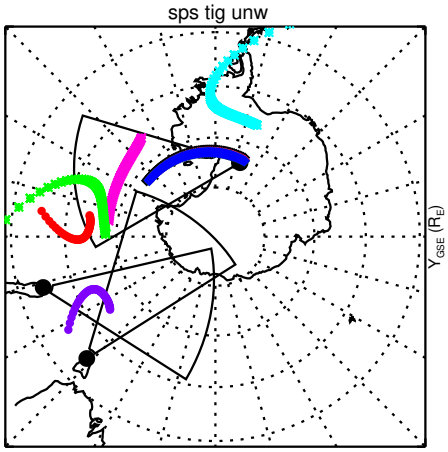


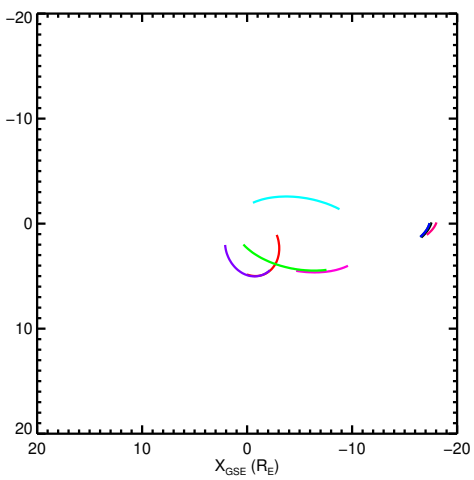


(b) 0405UT to 0840UT
ade adw bks cly cvw fhw hok kod ksr

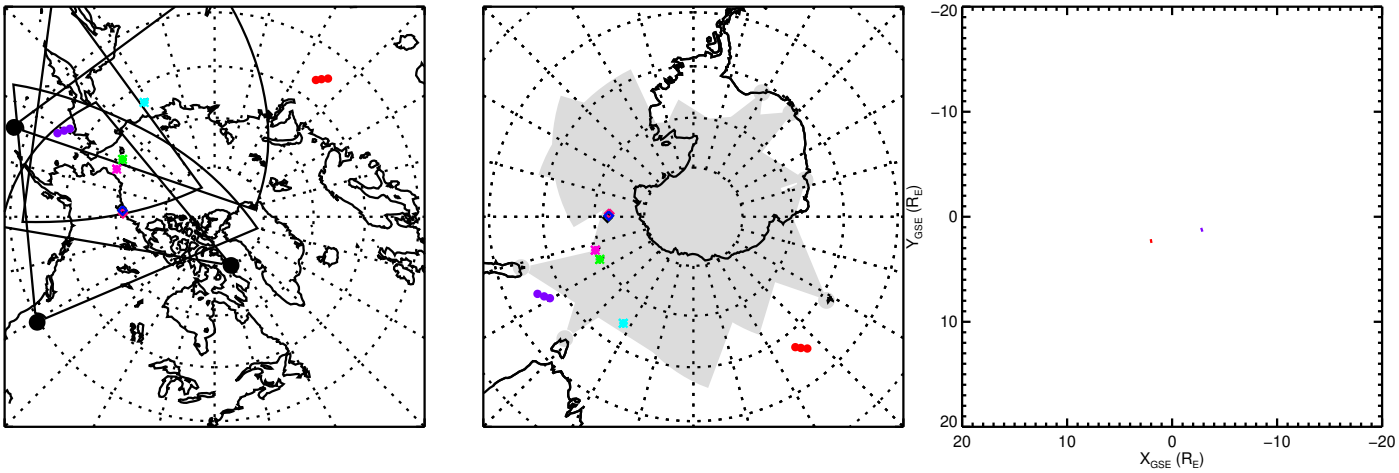


sps tig unw



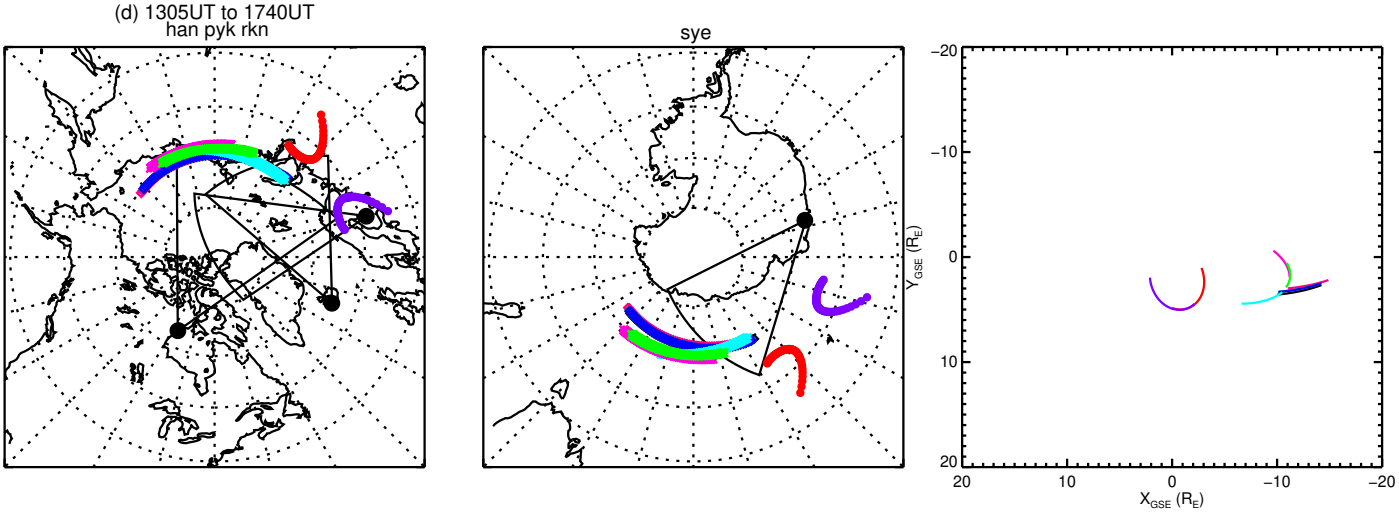


(c) 1050UT to 1100UT
adw cly cvw hok

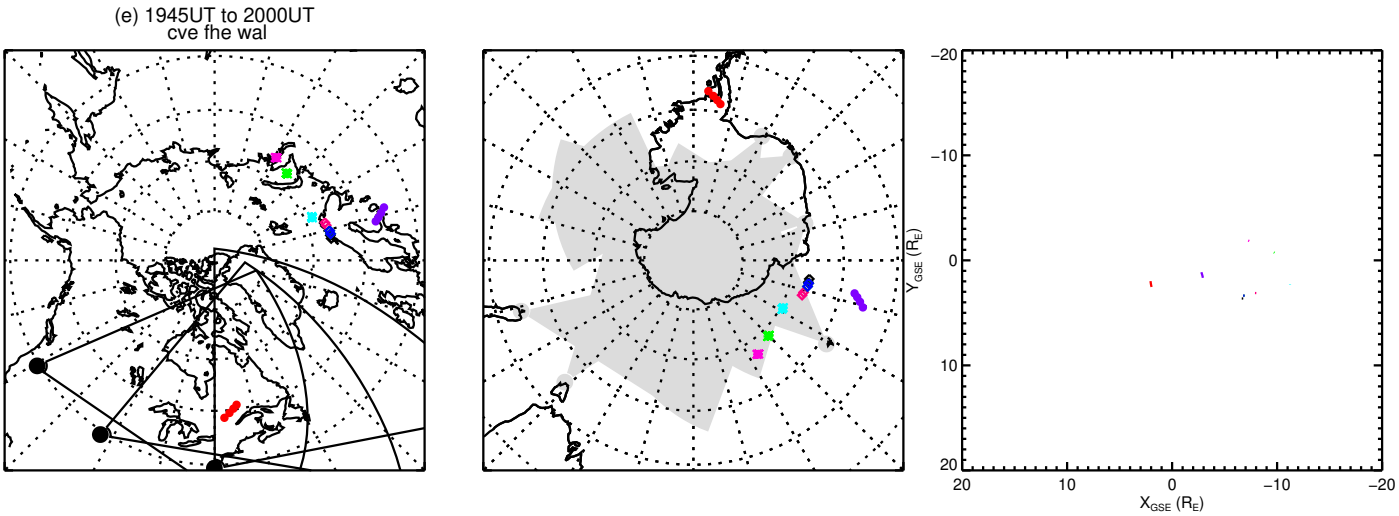


(d) 1305UT to 1740UT
han pyk rkn

sye

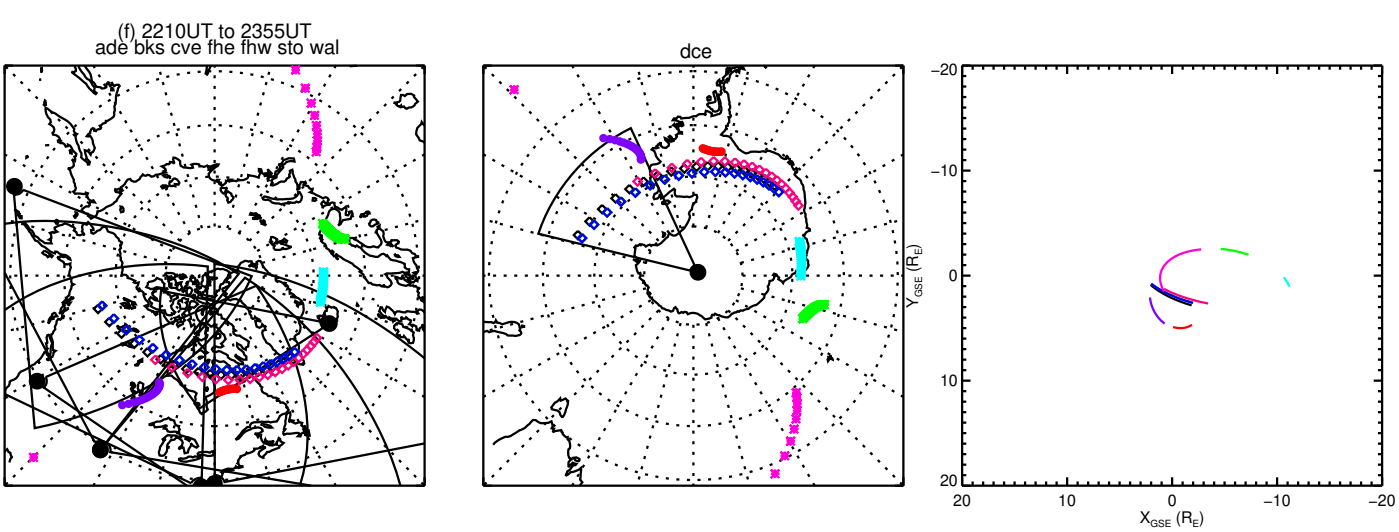


(e) 1945UT to 2000UT
cve fhe wal



(f) 2210UT to 2355UT
ade bks cve fhe fhw sto wal

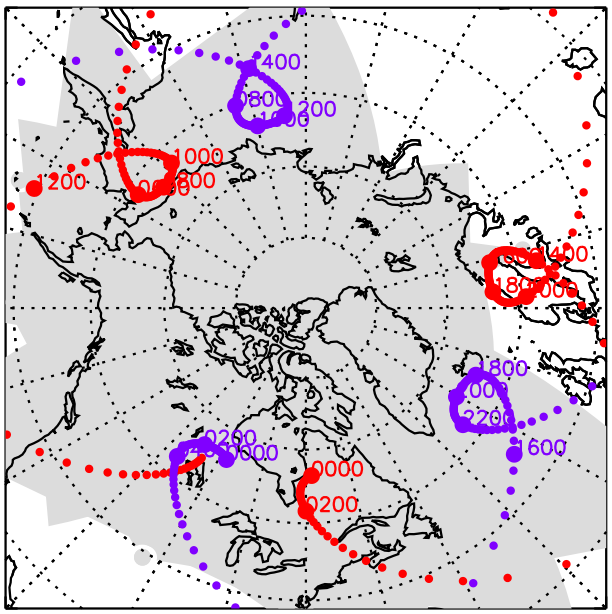
dce

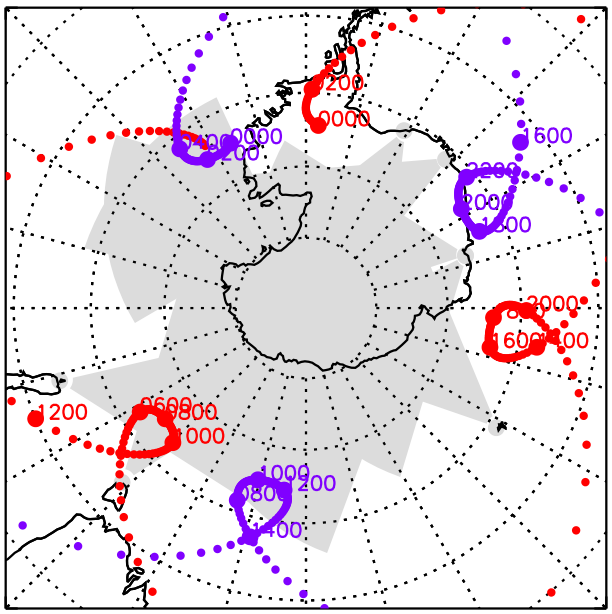


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

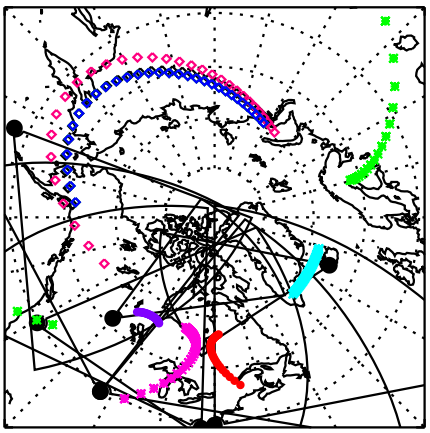
30–Aug–2013

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

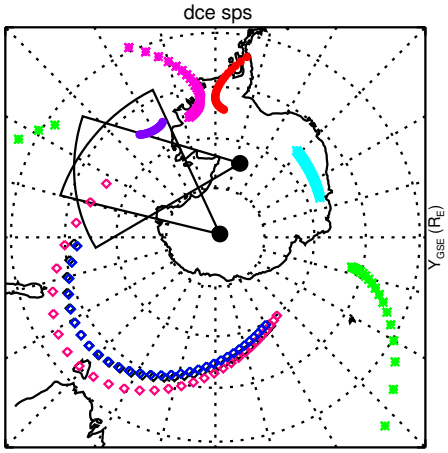


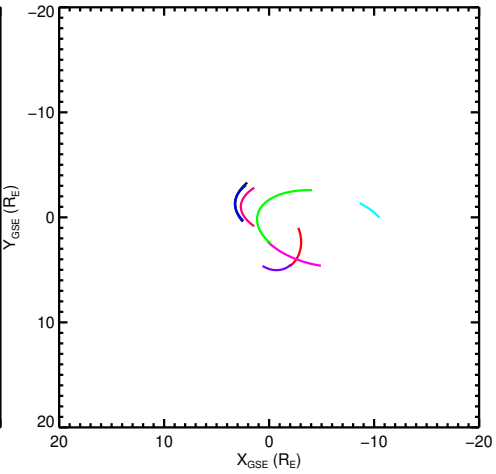


(a) 0000UT to 0240UT
ade bks cve fhe fhw sas sto wal

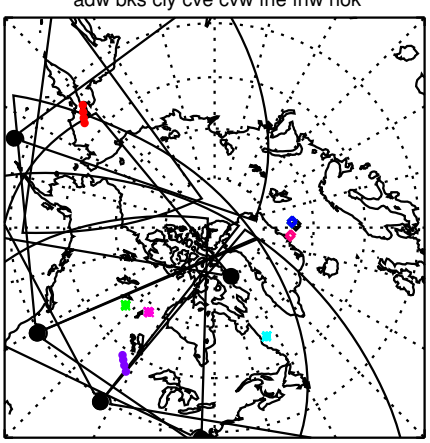


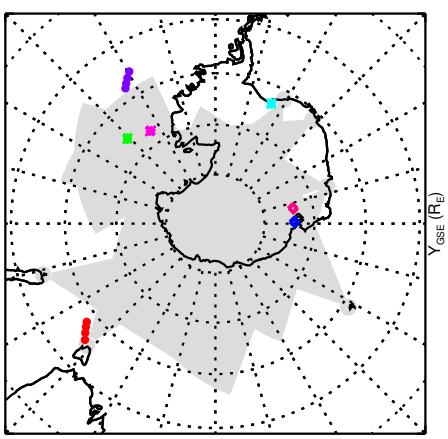
dce sps

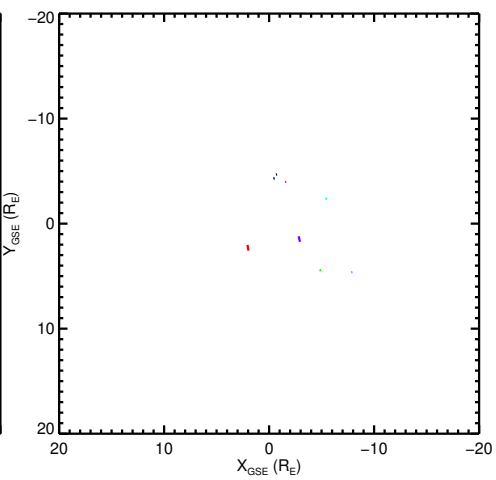




(b) 0445UT to 0500UT
adw bks cly cve cvw fhe fhw hok

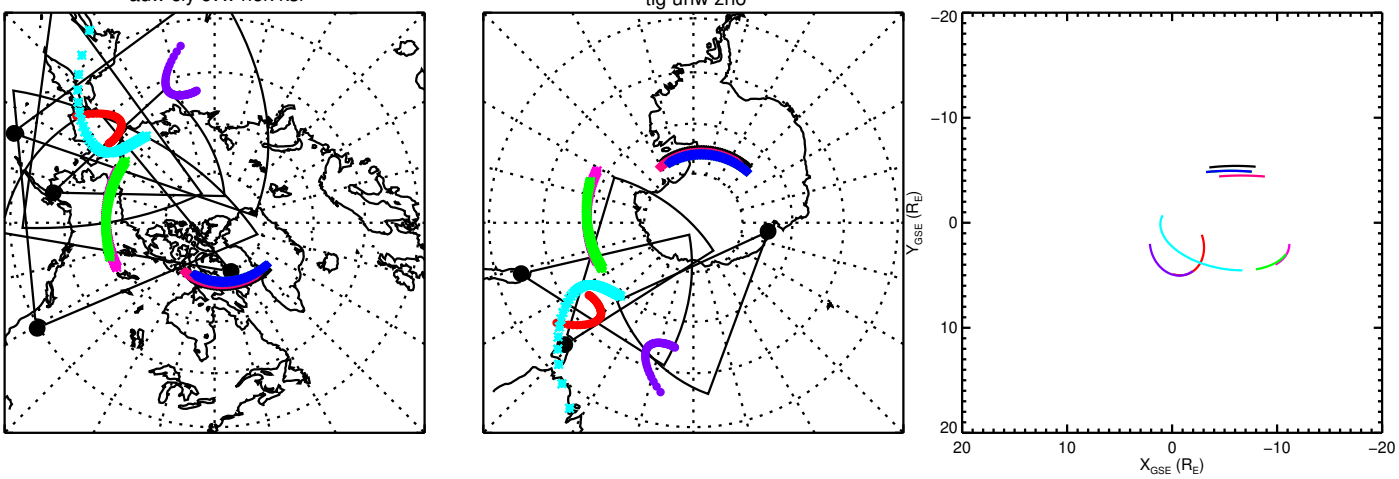




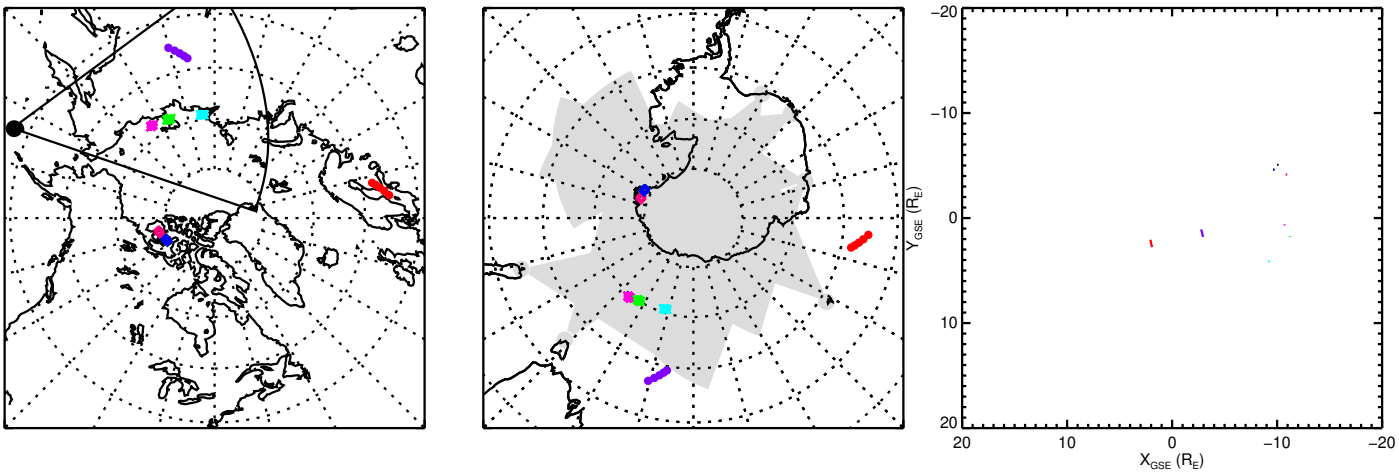


(c) 0710UT to 1135UT
adw cly cvw hok ksr

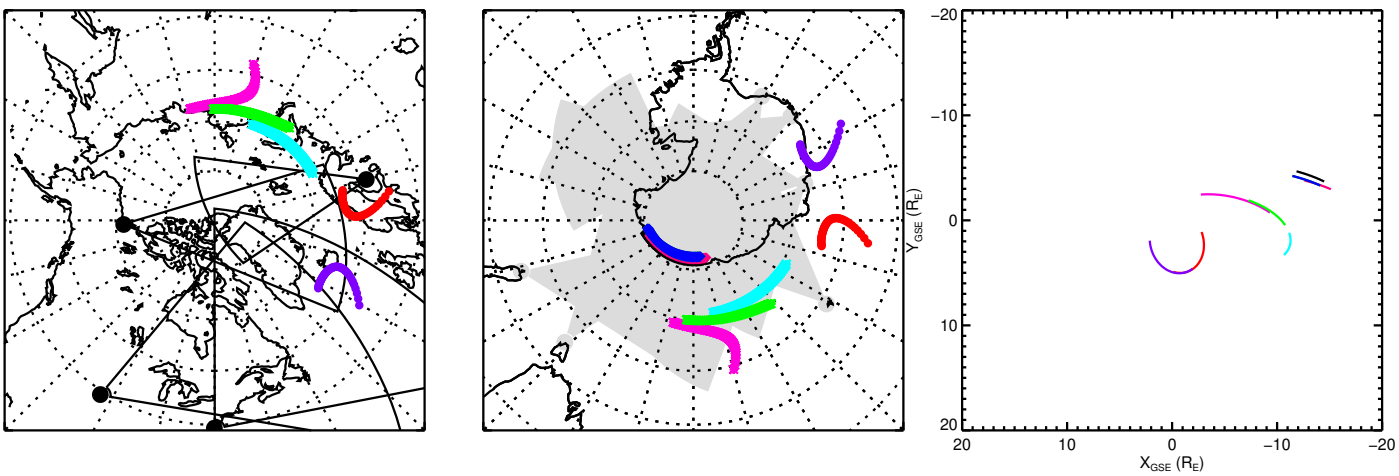
tig unw zho



(d) 1345UT to 1405UT
adw

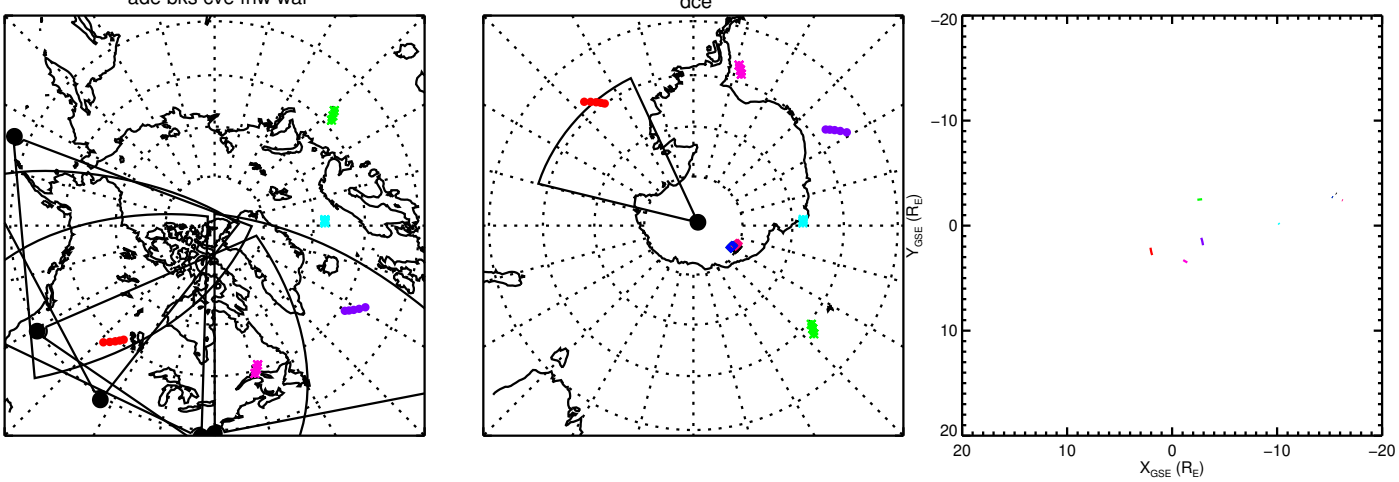


(e) 1610UT to 2035UT
fhe han inv wal



(f) 2245UT to 2305UT
ade bks cve fhw wal

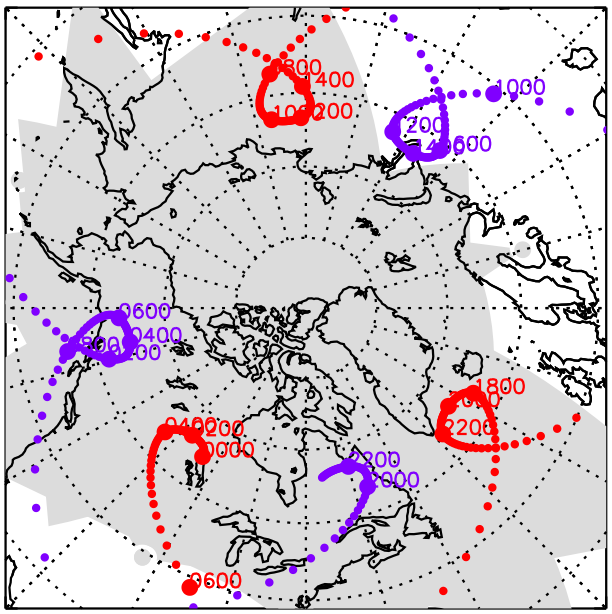
dce

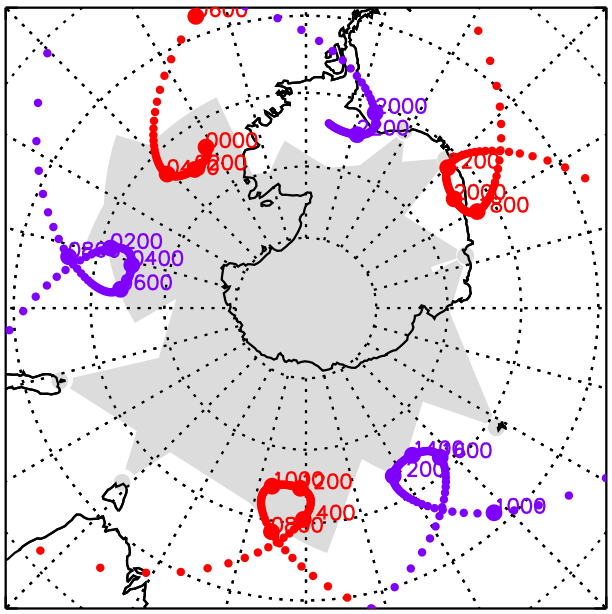


Predicted RBSP footprints
(AACGM magnetic longitude and latitude)

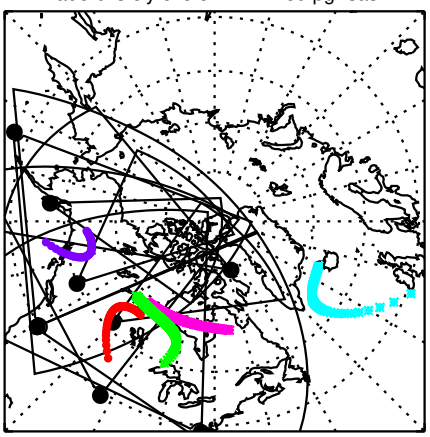
31−Aug−2013

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

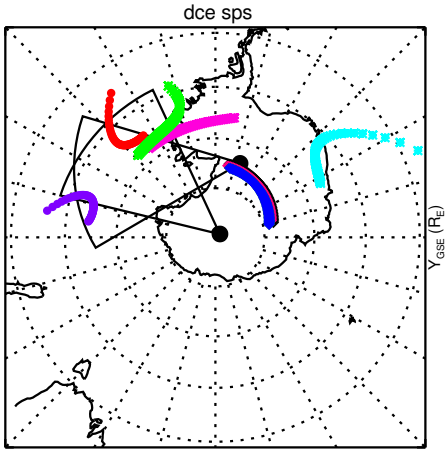


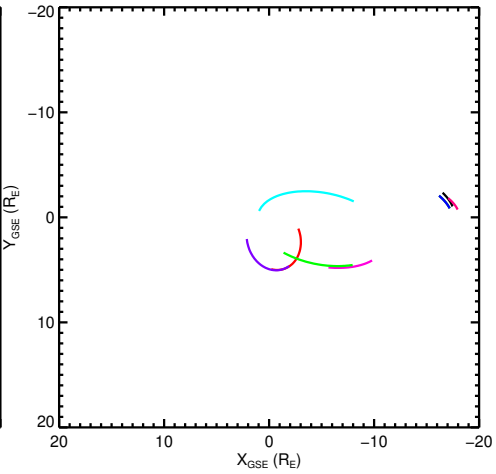


(a) 0115UT to 0535UT
ade bks cly cve cvw fhw kod pgr sas

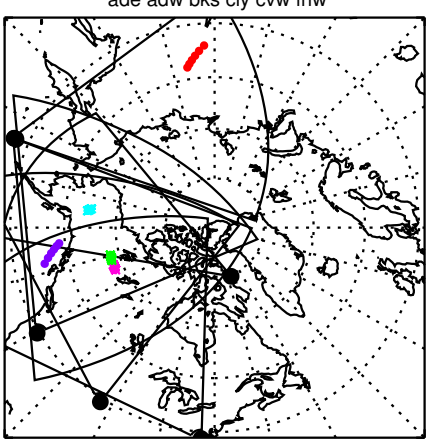


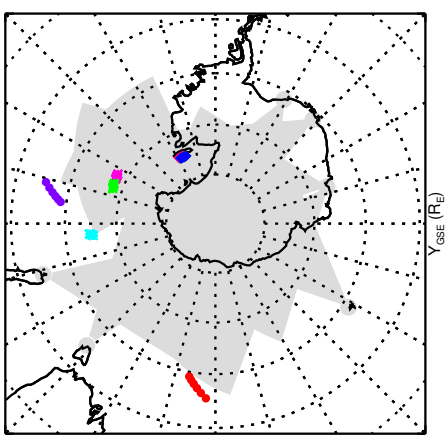
dce sps

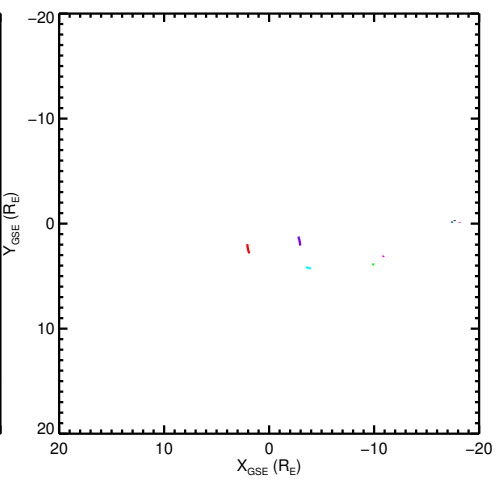




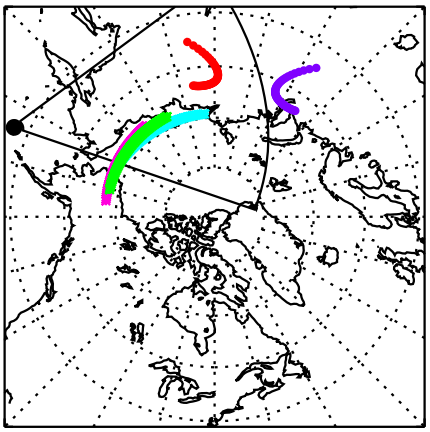
(b) 0740UT to 0805UT
ade adw bks cly cvw fhw



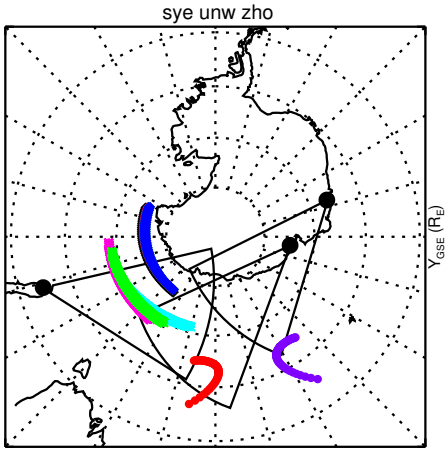


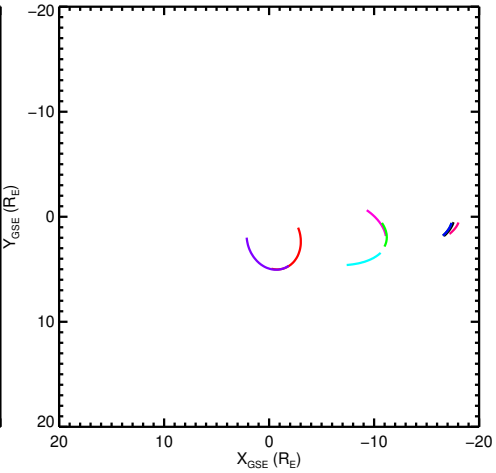


(c) 1015UT to 1435UT
adw

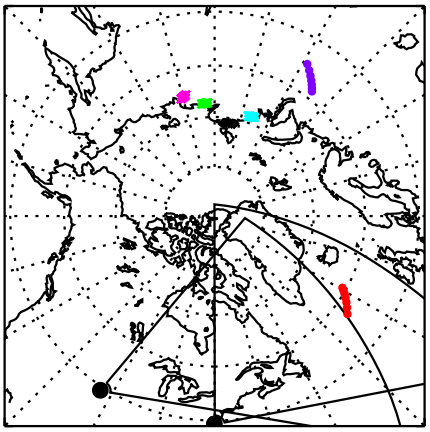


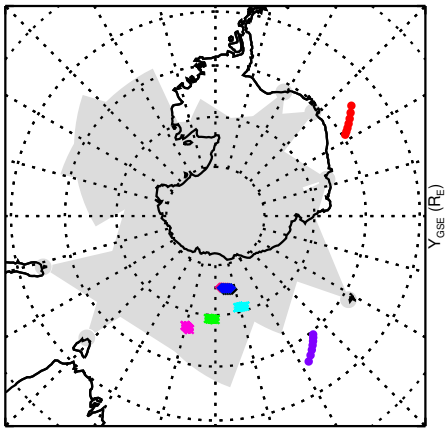
sye unw zho

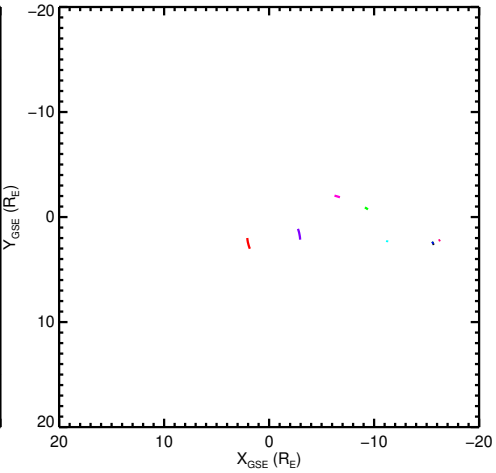
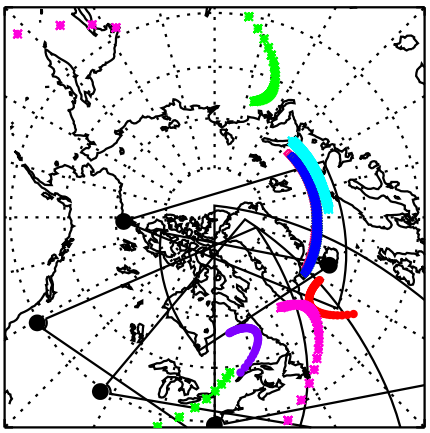
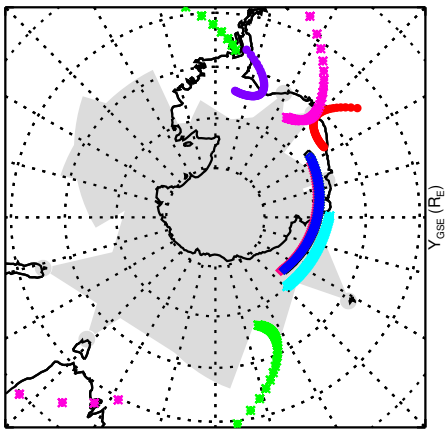
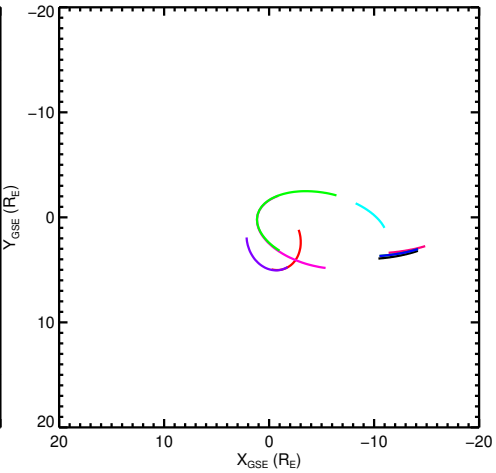




(d) 1640UT to 1710UT
fhe wal







(e) 1915UT to 2330UT
cve fhe inv sto wal