

3D

W7-X

Poincaré

plots:

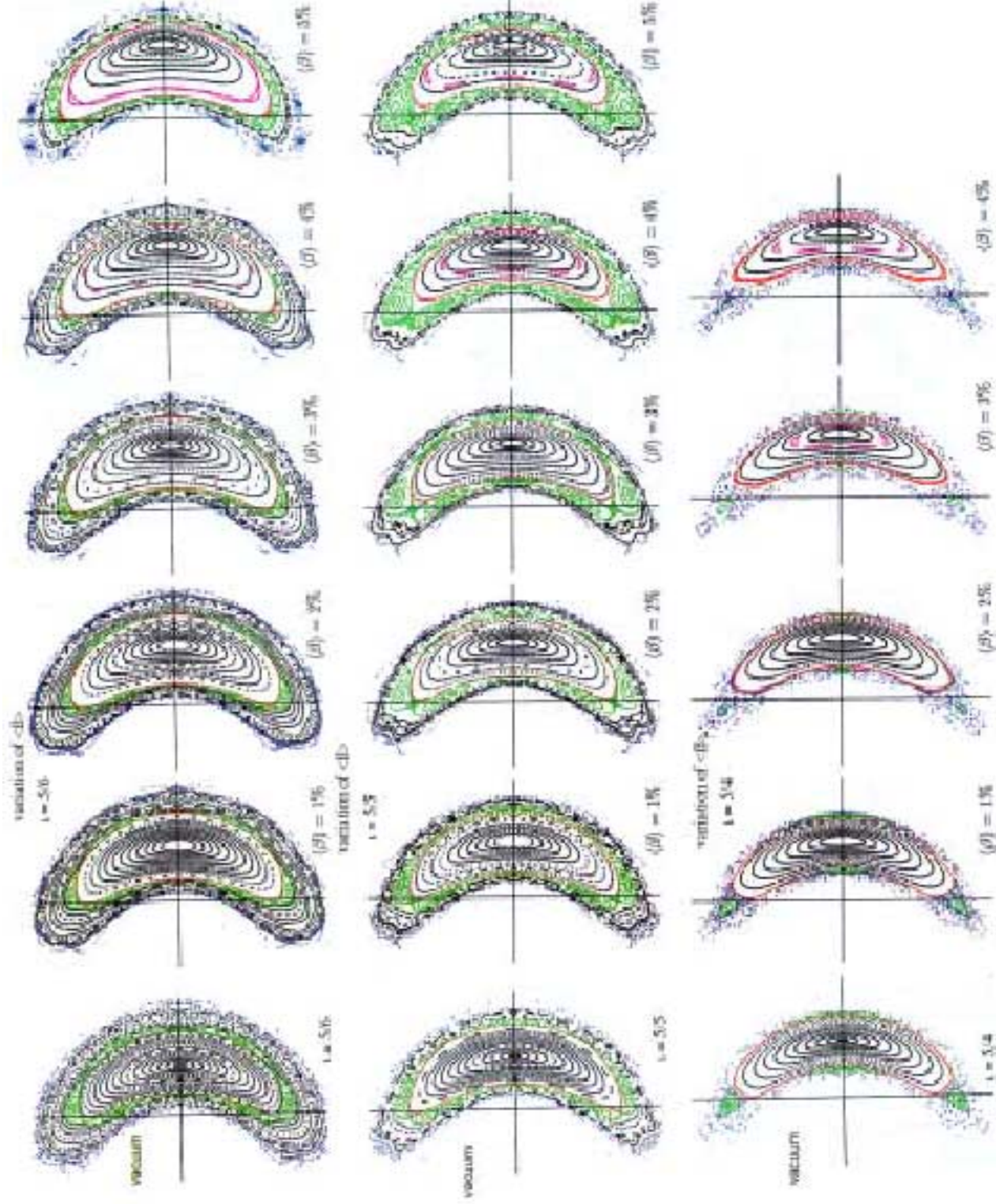
variation of ι and β

magnetic surfaces (black dots)

islands (green dots),

LCMS (red dots)

ergodised field lines (blue dots)



Intersection pattern

W7-X, standard case, $\epsilon/\beta >= 0\%$



W7-X, standard case, $\epsilon/\beta >= 4\%$



W7-X, high intrn, $\epsilon/\beta >= 0\%$



W7-X, high intrn, $\epsilon/\beta >= 4\%$



W7-X, low intrn, $\epsilon/\beta >= 0\%$



W7-X, low intrn, $\epsilon/\beta >= 4\%$

