

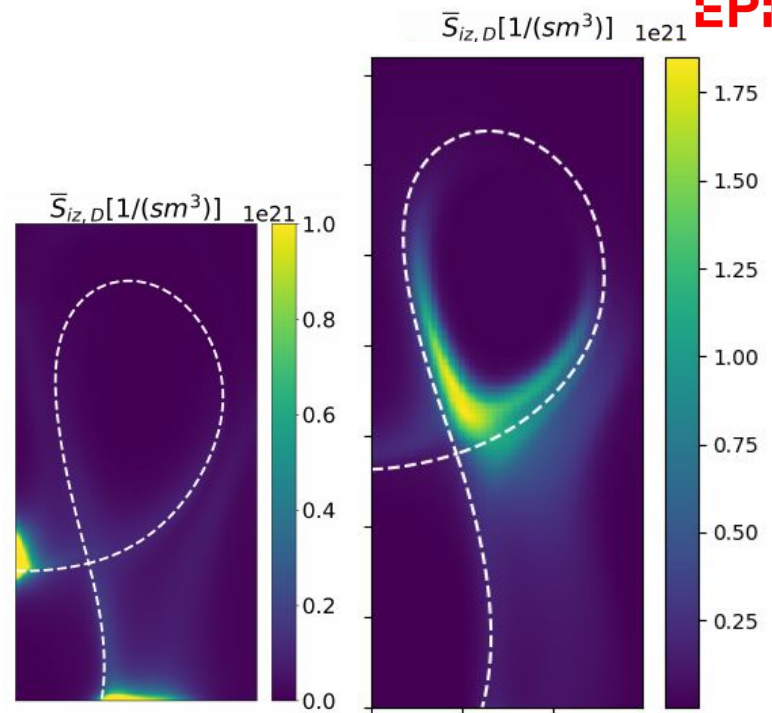
# RT22-05 long leg shot analysis

- Got data from Thomson and LPs close to targets
- Waiting OK from TCV boundary group (Christian Theiler) to get data from DSS and RDPA

# Shot	$B_t$ [T]	$I_p$ [kA]	$\Delta t_{\text{ramp}}$ [s]	$f_{\text{GW}} \text{ max}$	Diagnostics
76142	0.95	160	[1.00 ; 1.48]	0.65	Standard, VIR, MANTIS, DSS
76143	0.95	160	[1.00 ; 1.58]	0.60	Standard, VIR, MANTIS, DSS
76190	0.95	160	[0.90 ; 1.61]	0.61	Standard, VIR, HIR, MANTIS, DSS
77043	0.95	160	[1.00 ; 1.48]	0.57	Standard, VIR, HIR, MANTIS, DSS, RDPA
76186	-0.95	-160	[1.00 ; 1.76]	0.63	Standard, VIR, HIR, MANTIS, DSS
76187	-0.95	-160	[0.95 ; 1.75]	0.64	Standard, VIR, HIR, MANTIS, DSS
77044	-0.95	-160	[0.90 ; 1.53]	0.59	Standard, VIR, HIR, MANTIS, DSS, RDPA

# GBS simulations with $D_2$

- Ongoing simulations in configuration TCV-X23, with longer leg, for easier detachment
  - now running to reach turbulent steady-state
  - already observing differences without gas puffing



- Ongoing simulations in configuration TCV-X21, reverse field
  - now running to reach turbulent steady-state
  - comparison of drifts effect

