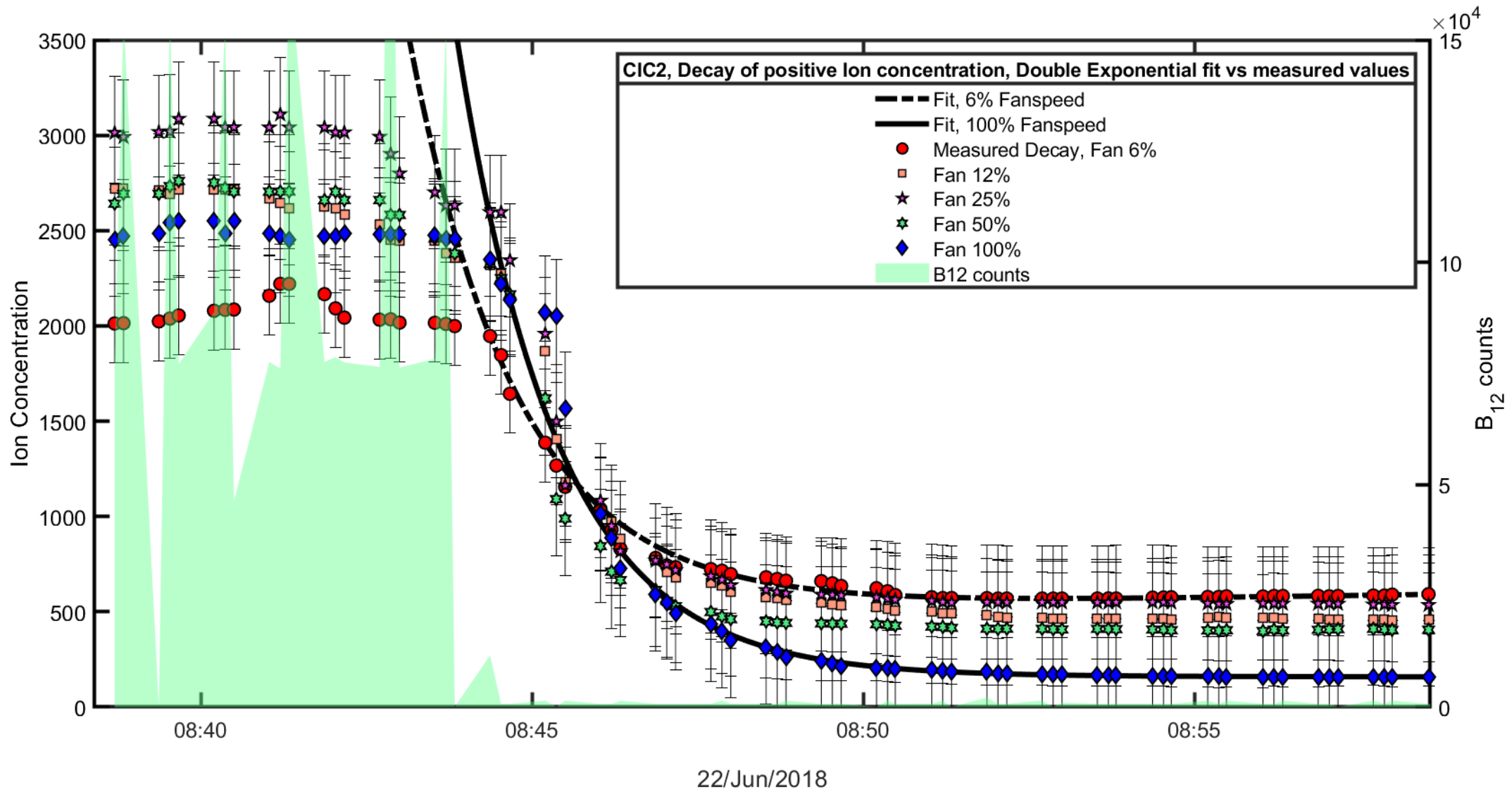


CLOUD 13T

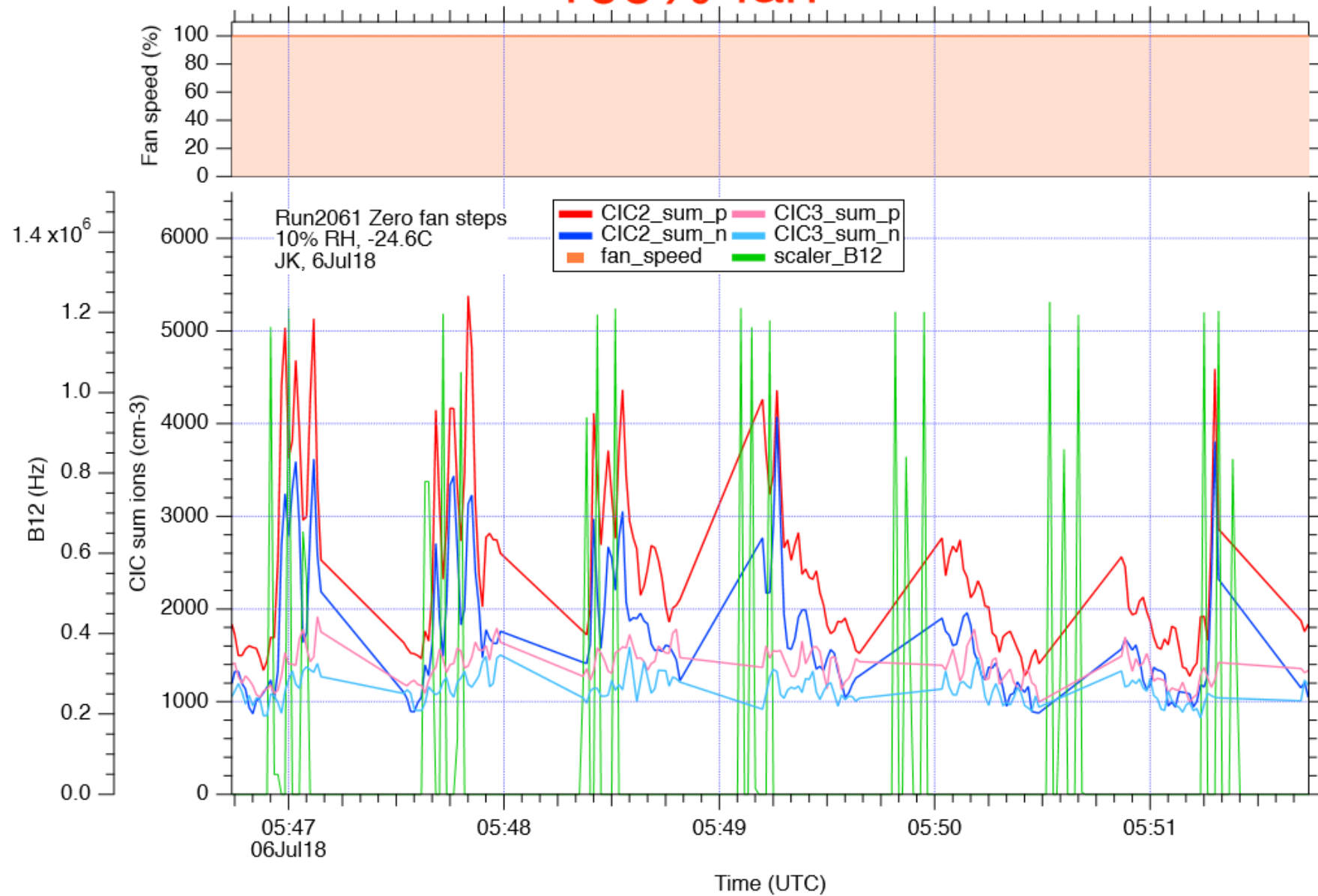
Measuring Ion Production by the Beam and Lifetime of these Ions under atmospheric conditions.

Joschka Pfeifer (CERN)

Temperature RH	Overnight?	-50 C			-25 C		CIC-3 low	CIC-3 up	V_flow off	+5 C			+25 C		
		10%	40%	80%	10%	40%	80%	80%	80%	10%	40%	80%	10%	40%	80%
1 Beam step	no	2006			2061	2066	2067			2044	2050	2055	2028, 2033	2035	2036
2.1 Fan step, GCR	yes	2007			2062			2071		2046	2051	2056	2027		2038
2.2 Fan step, Beam	yes	2005			2062			2071		2046	2051	2056	2022		2038
3.1 HV step, GCR	yes	2004						2072		2043-2042	2052-2053		2025		2040
3.2 HV step, Beam	yes	2011			2064-2065		2070			2047-2048	2054		2029-2030		2037
4 Beam decay vs fan	no	2008			2062		2068			2046	2051	2056	2041	2034	2038
5 PS off (1-3)	no	Done			Done					Done	Done	Done	Done		Done
6 Fan direction, Beam	no	2009			2063		2069			2045		2057	2024		2039
7 Zero Fan step, Beam	yes				2060		2068	2071							



100% fan



- Thanks to:
 - Lau Gatignon
 - Henric Wilkens
 - All the Beam Operators and the PS Team for providing us with 3 spills all the time 😊

