



plume age [min]

--- best fits with BrX/Br progression
--- 2:98 | 6 ppm SO_2 | air | 10 min | $1 \cdot 10^9 \text{ m}^3$ | $r = 9 \cdot 10^{-7} \text{ m}$
--- 5:95 | 6 ppm SO_2 | mag | 30 min | $3 \cdot 10^9 \text{ m}^3$ | $r = 3 \cdot 10^{-7} \text{ m}$

..... best fits with BrO/SO_2 progression
..... 1:99 | 30 ppm SO_2 | air | 10 min | $3 \cdot 10^9 \text{ m}^3$ | $r = 3 \cdot 10^{-7} \text{ m}$
..... 10:90 | 6 ppm SO_2 | mag | 60 min | $1 \cdot 10^9 \text{ m}^3$ | $r = 3 \cdot 10^{-7} \text{ m}$

— best fits with BrX/Br and BrO/SO_2 progressions
— 15:85 | 30 ppm SO_2 | air | 10 min | $1 \cdot 10^9 \text{ m}^3$ | $r = 3 \cdot 10^{-7} \text{ m}$
— 15:85 | 6 ppm SO_2 | mag | 10 min | $3 \cdot 10^9 \text{ m}^3$ | $r = 3 \cdot 10^{-7} \text{ m}$