

## Experiment information (pg. 1 of 1)

Source	Description	Calc. type	X source	Cond. source
Couch 2022	450 K	outcome	plot	plot
Couch 2022	475 K	outcome	plot	plot
Couch 2022	500 K	outcome	plot	plot
Couch 2022	525 K	outcome	plot	plot
Couch 2022	550 K	outcome	plot	plot
Couch 2022	575 K	outcome	plot	plot
Moshammer 2016	Altered DME & O2	outcome	plot	plot

## Mechanism information (pg. 1 of 1)

Mech. nickname	Mech. filename
Baseline	../lib/mechs/dme_couch_v2.cti
x3	../lib/mechs/dme_couch_v41.cti
/3	../lib/mechs/dme_couch_v42.cti
x10	../lib/mechs/dme_couch_v43.cti
/10	../lib/mechs/dme_couch_v44.cti

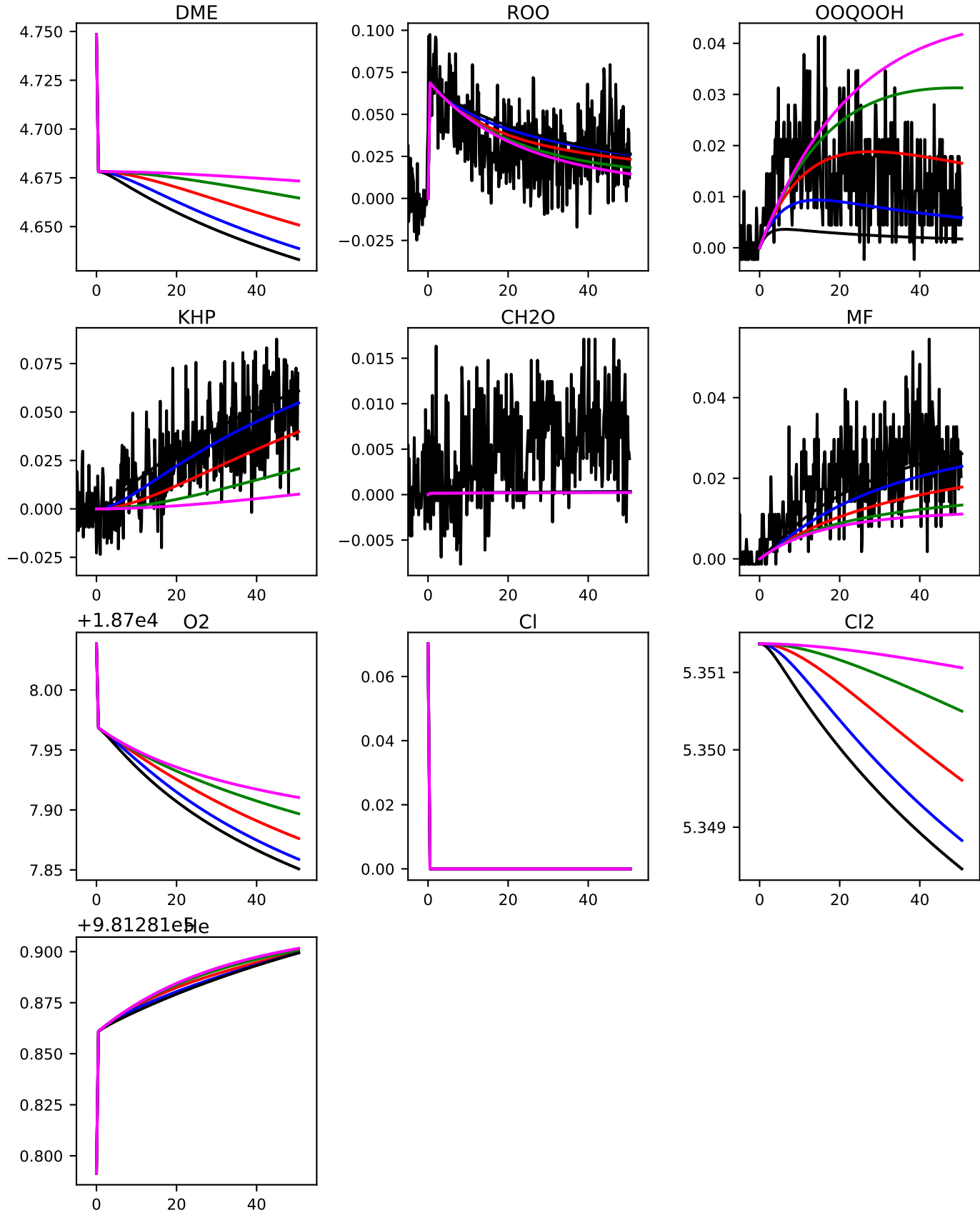
Black lines: x10

Red lines: Baseline

Magenta lines: /10

Blue lines: x3

Green lines: /3

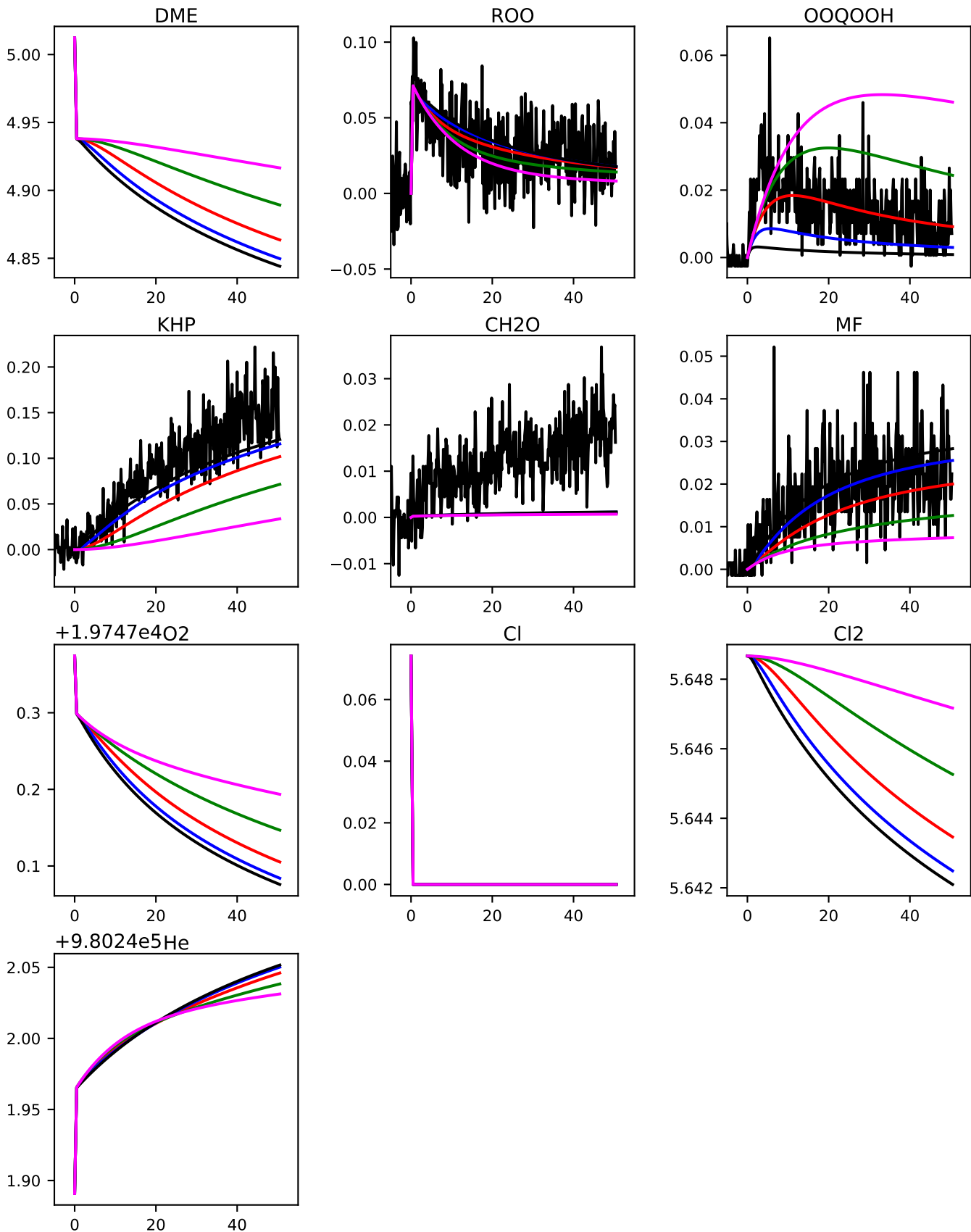


Y-axis: Mole fraction (ppm)  
X-axis: Time (ms)

Black lines: x10  
Red lines: Baseline

Magenta lines: /10  
Blue lines: x3

Green lines: /3

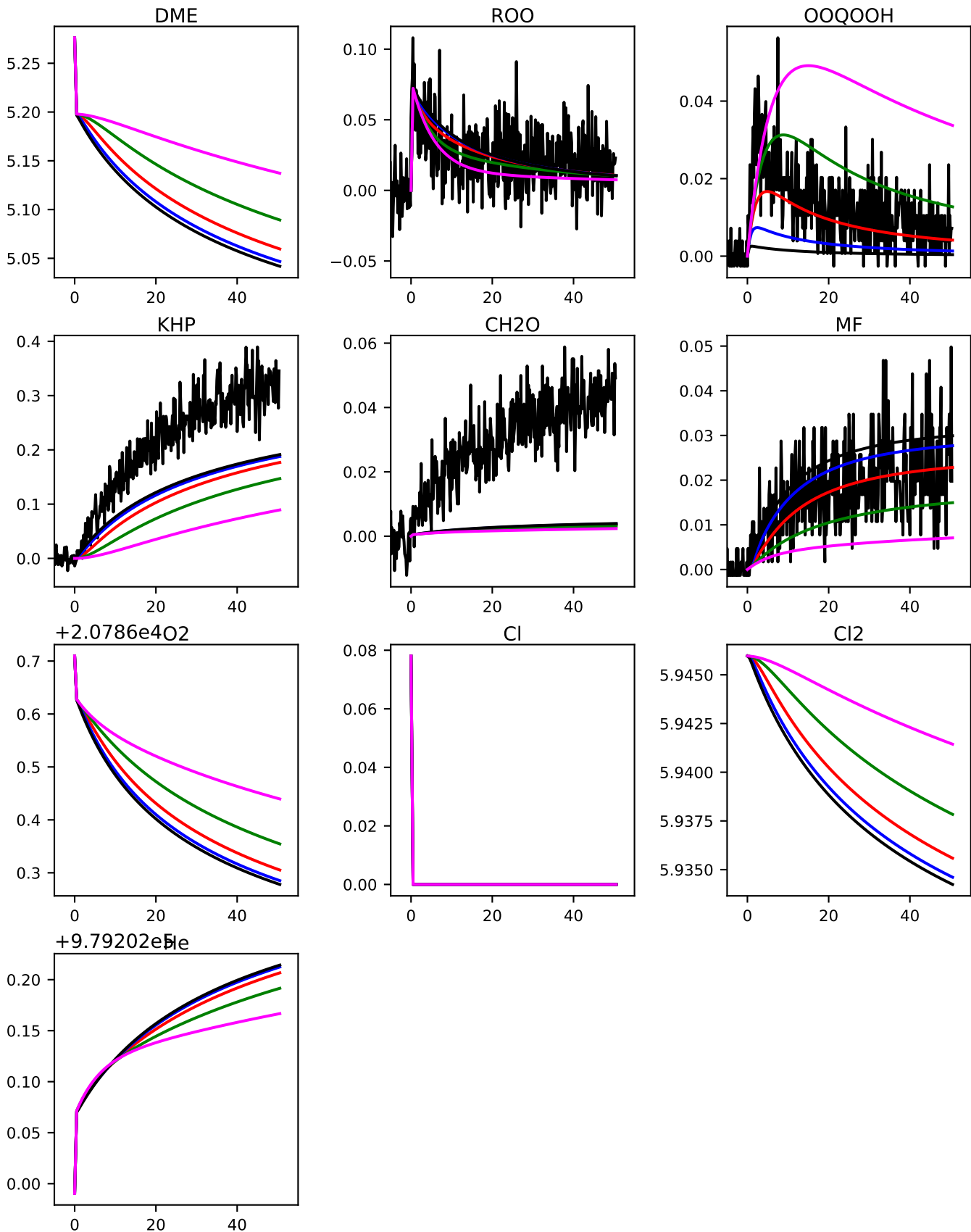


Y-axis: Mole fraction (ppm)  
X-axis: Time (ms)

Black lines: x10  
Red lines: Baseline

Magenta lines: /10  
Blue lines: x3

Green lines: /3

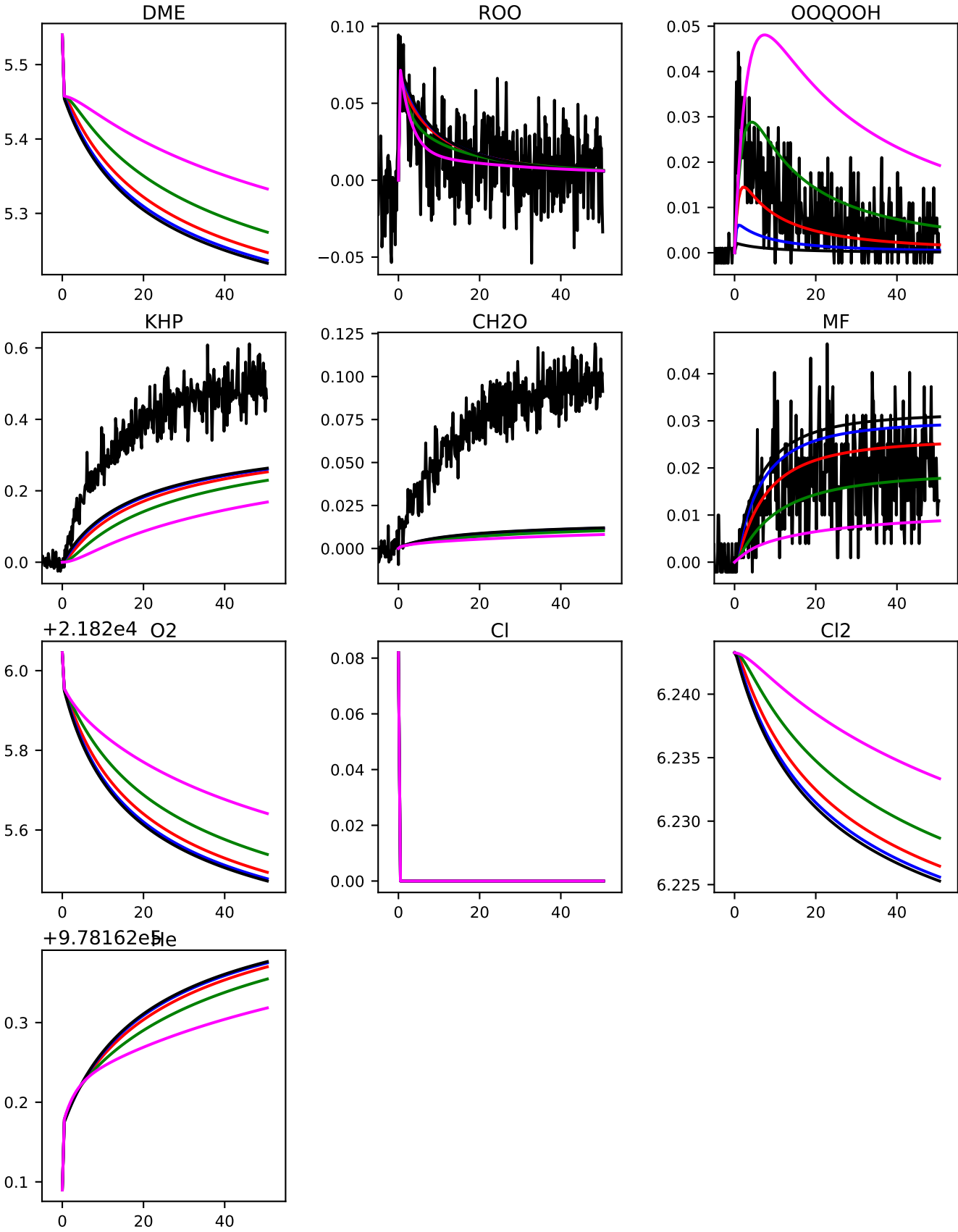


Y-axis: Mole fraction (ppm)  
X-axis: Time (ms)

Black lines: x10  
Red lines: Baseline

Magenta lines: /10  
Blue lines: x3

Green lines: /3



Y-axis: Mole fraction (ppm)  
X-axis: Time (ms)

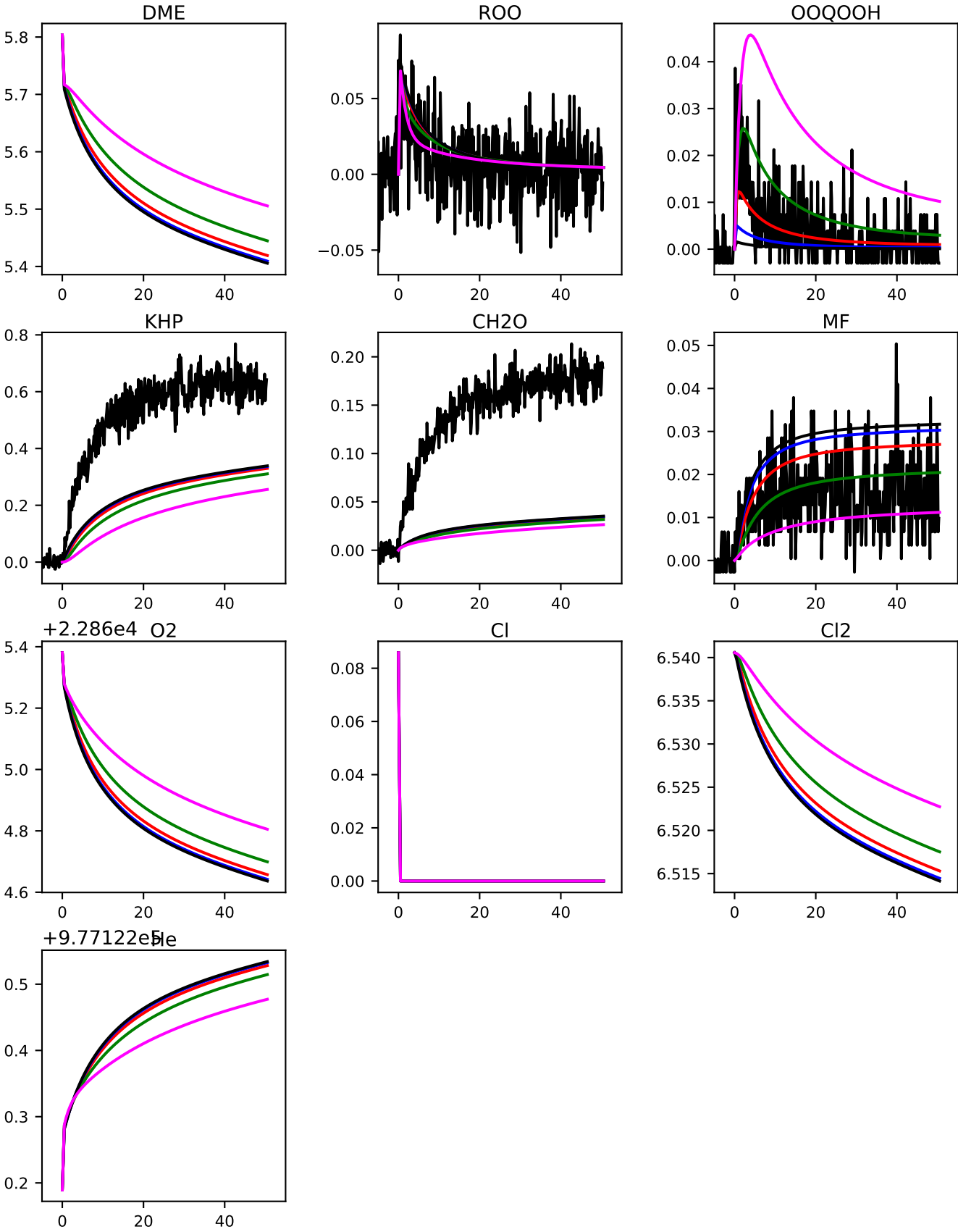
Black lines: x10

Red lines: Baseline

Magenta lines: /10

Blue lines: x3

Green lines: /3



Y-axis: Mole fraction (ppm)  
X-axis: Time (ms)

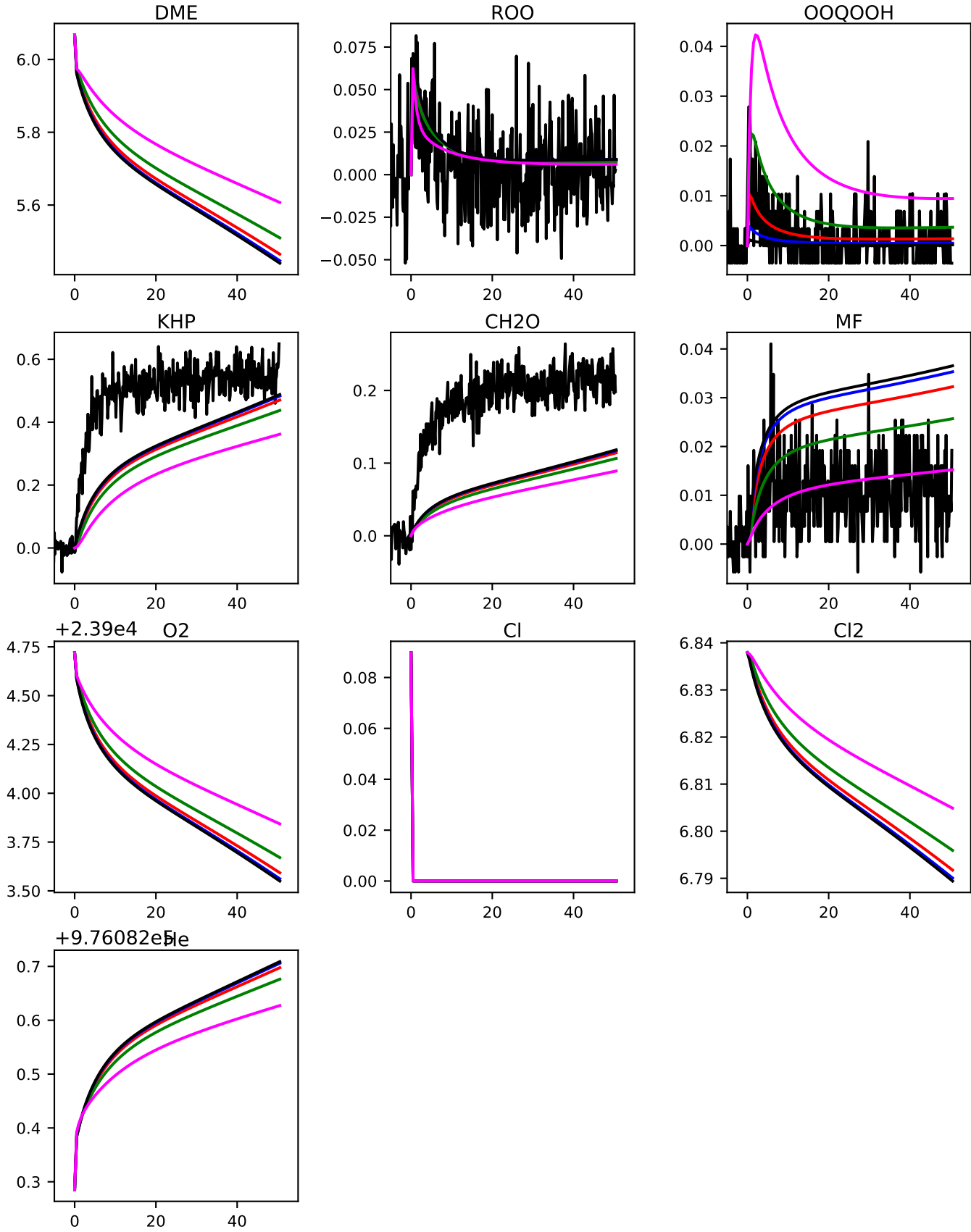
Black lines: x10

Red lines: Baseline

Magenta lines: /10

Blue lines: x3

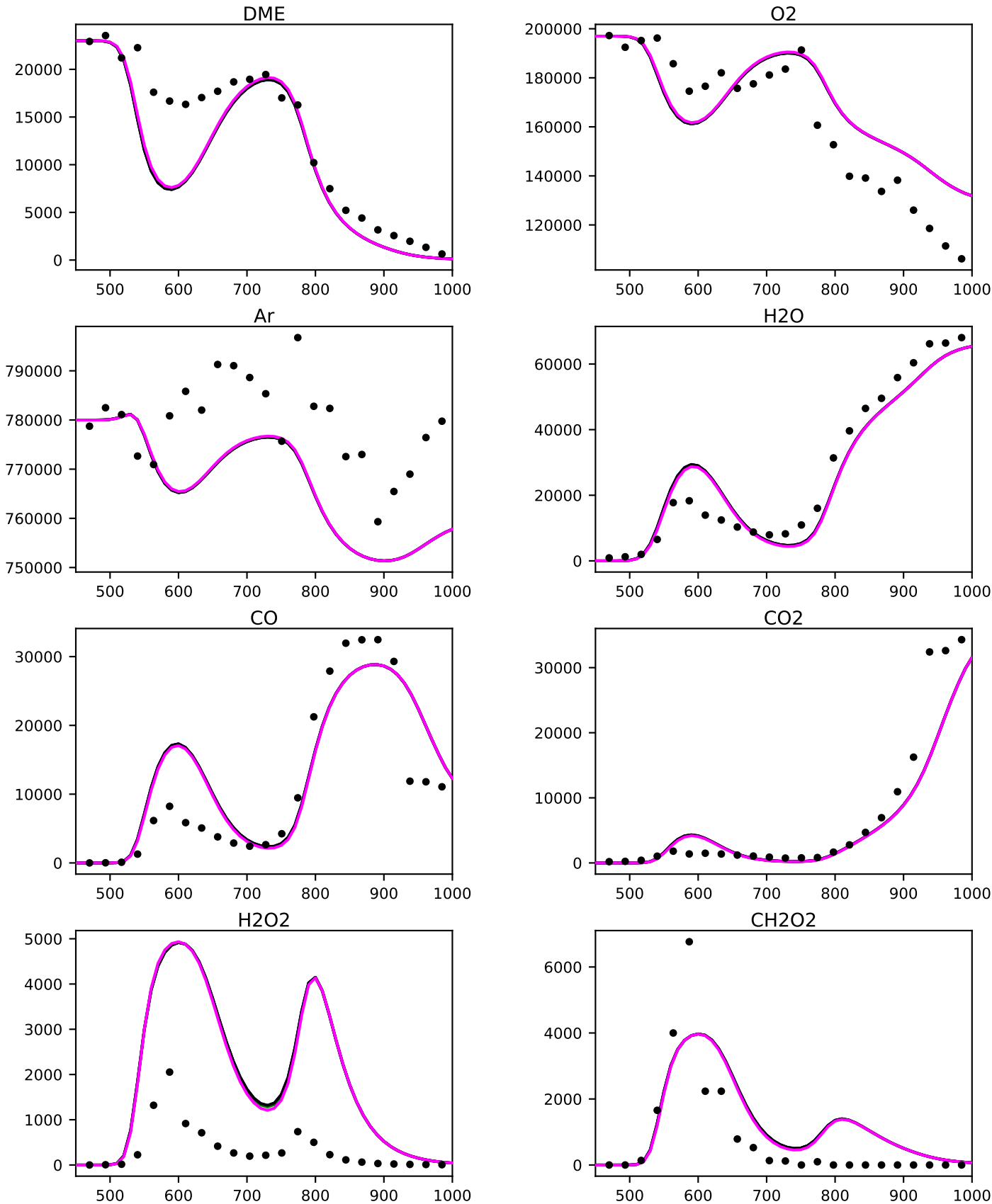
Green lines: /3



Y-axis: Mole fraction (ppm)  
X-axis: Time (ms)



Black lines: x10      Magenta lines: /10  
Red lines: Baseline      Blue lines: x3  
Green lines: /3

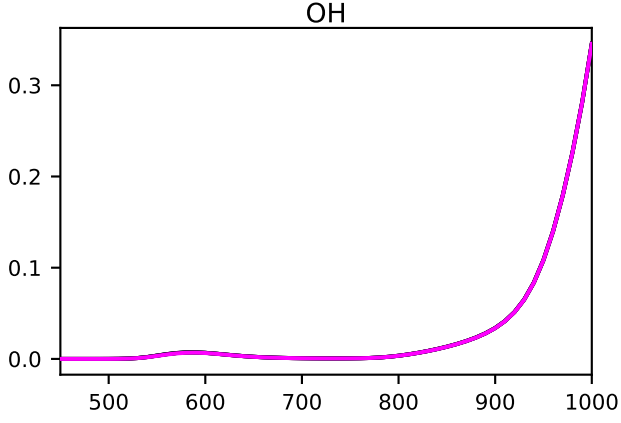
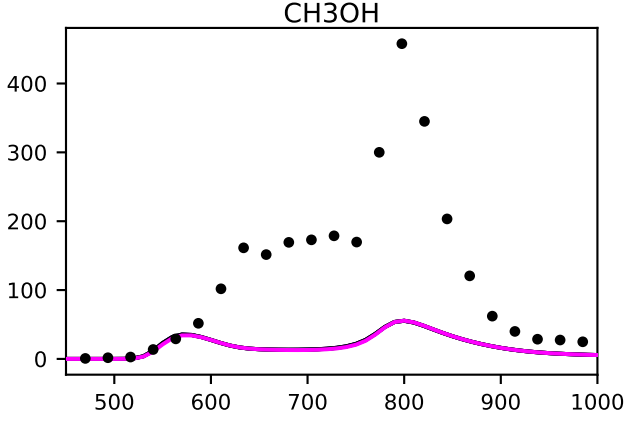
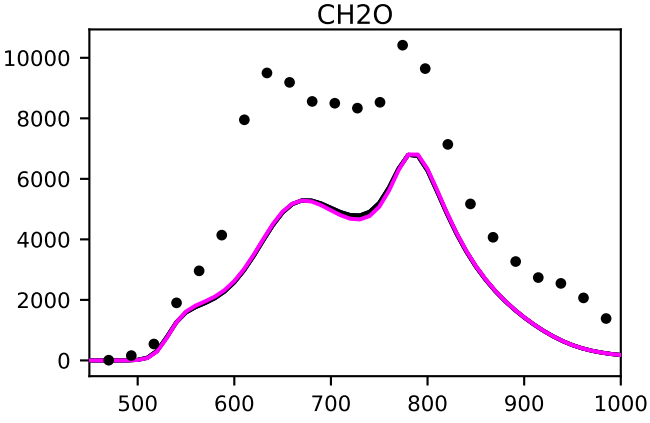
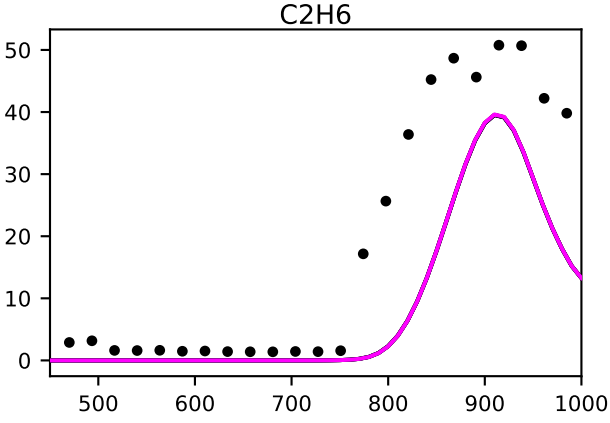
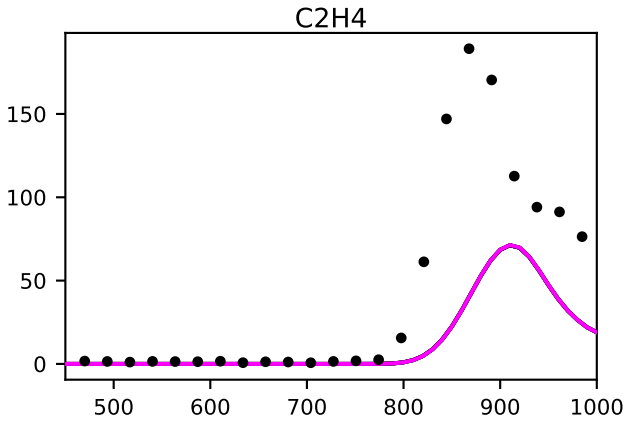
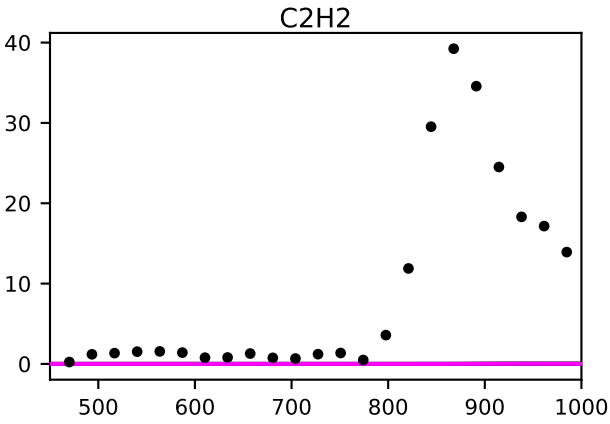
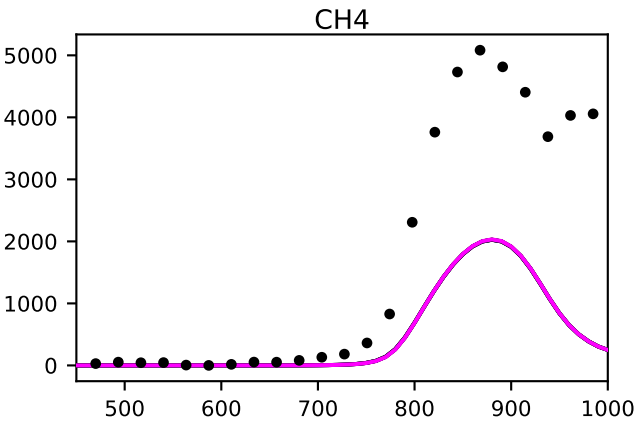
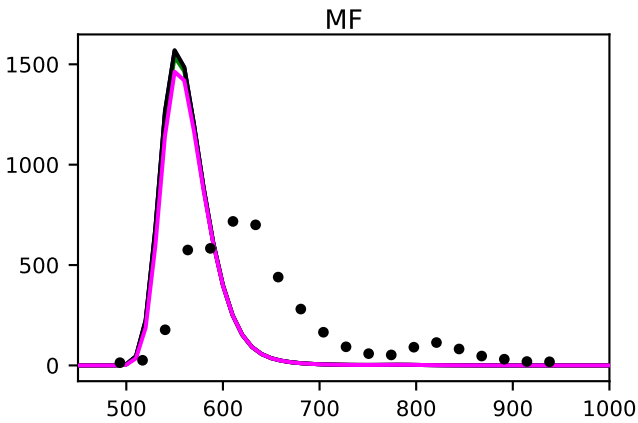


Y-axis: Mole fraction (ppm)  
X-axis: Temperature (K)

Black lines: x10  
Red lines: Baseline

Magenta lines: /10  
Blue lines: x3

Green lines: /3



Y-axis: Mole fraction (ppm)  
X-axis: Temperature (K)

Source: Moshammer 2016  
Description: Altered DME & O2

# Outlet concentrations (pg. 3 of 3)

Reac. type: JSR  
Meas. type: Outlet

Black lines: x10  
Red lines: Baseline

Magenta lines: /10  
Blue lines: x3

Green lines: /3

Y-axis: Mole fraction (ppm)  
X-axis: Temperature (K)