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
Couch 2022	low O2	outcome	plot	plot
Couch 2022	mid O2	outcome	plot	plot
Couch 2022	high O2	outcome	plot	plot
Moshammer 2016	Altered DME & O2	outcome	plot	plot

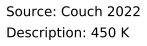
Mechanism information (pg. 1 of 1)

Baseline ../lib/mechs/dme_couch_v2.cti

x3 ../lib/mechs/dme_couch_v51.cti

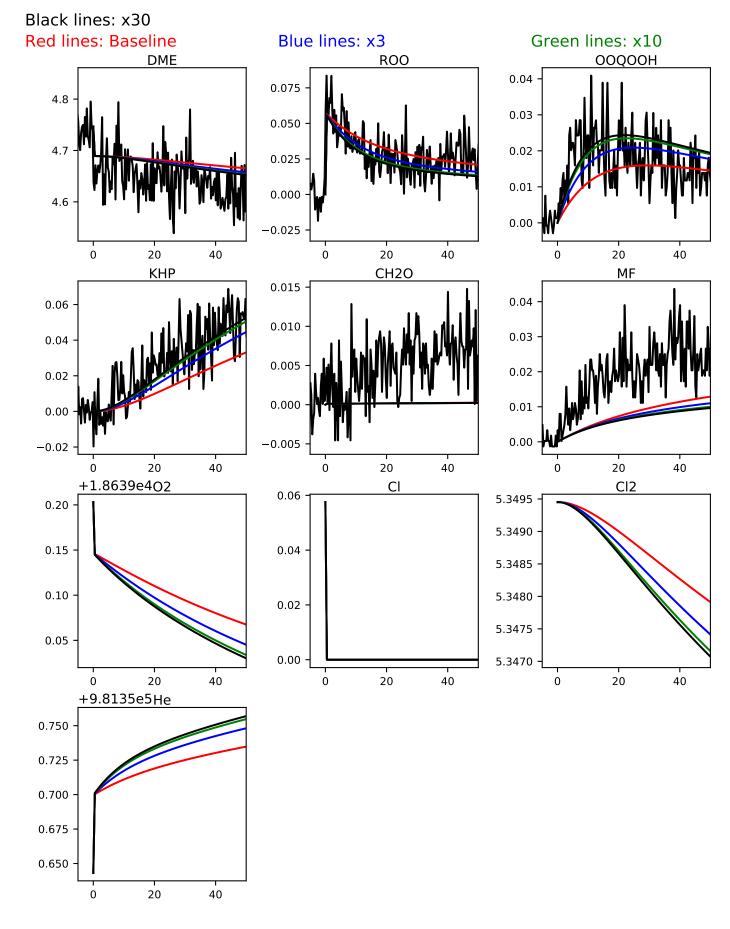
x10 ../lib/mechs/dme_couch_v52.cti

x30 ../lib/mechs/dme_couch_v53.cti



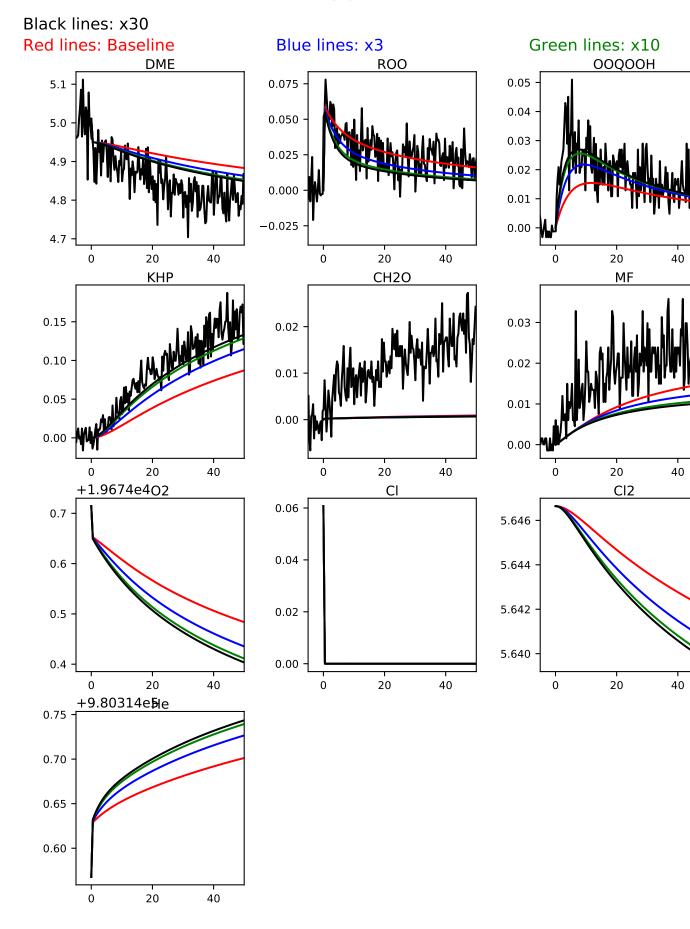
450.0 K (pg. 1 of 1)

Reac. type: Const. TP Meas. type: Concentration



Source: Couch 2022 Description: 475 K 475.0 K (pg. 1 of 1)

Reac. type: Const. TP
Meas. type: Concentration



Y-axis: Mole fraction (ppm)

Source: Couch 2022 Description: 500 K

500.0 K (pg. 1 of 1) Reac. type: Const. TP Meas. type: Concentration

20

20

20

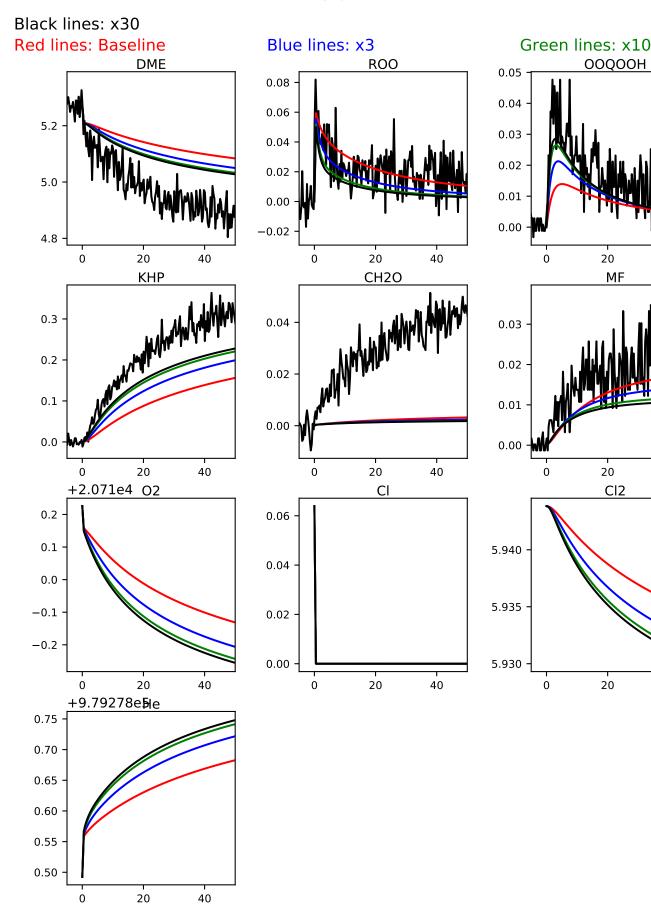
CI2

MF

40

40

40



Y-axis: Mole fraction (ppm)

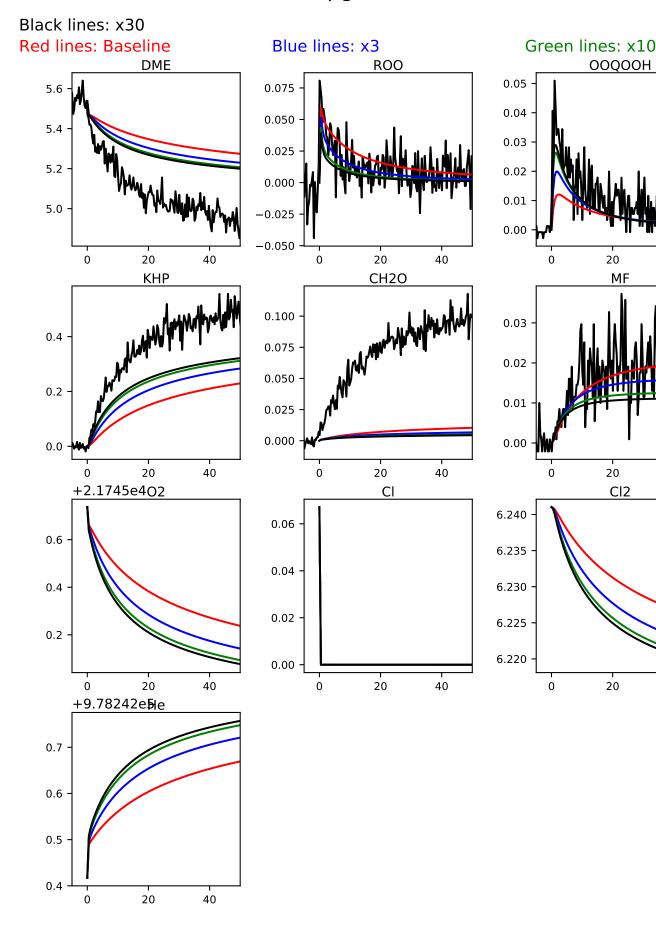
Source: Couch 2022 Description: 525 K

525.0 K (pg. 1 of 1) Reac. type: Const. TP Meas. type: Concentration

40

40

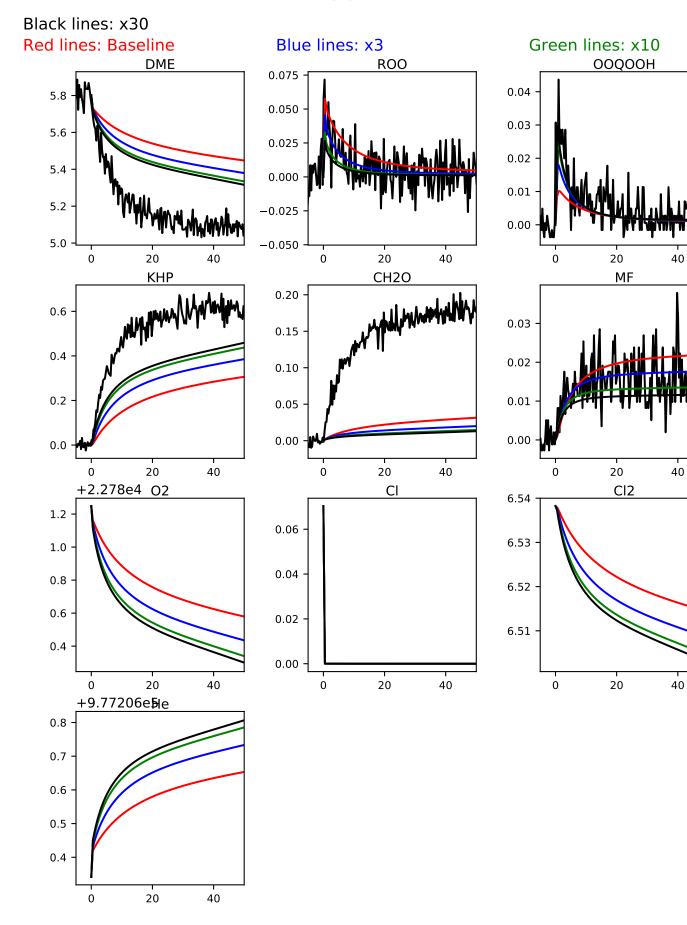
40



Y-axis: Mole fraction (ppm)

Source: Couch 2022 Description: 550 K 550.0 K (pg. 1 of 1)

Reac. type: Const. TP Meas. type: Concentration



Y-axis: Mole fraction (ppm)

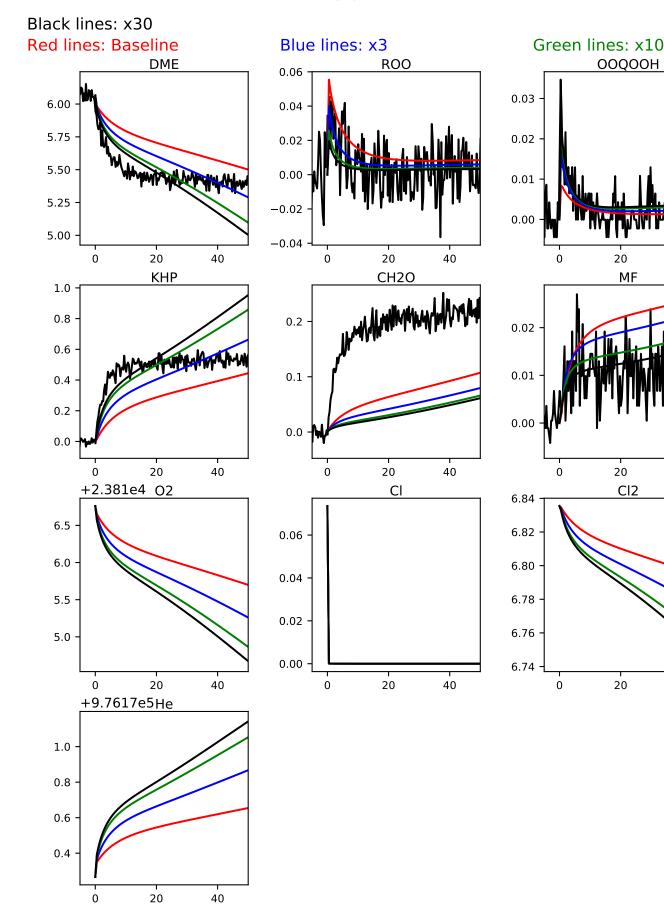
Source: Couch 2022 Description: 575 K 575.0 K (pg. 1 of 1)

Reac. type: Const. TP
Meas. type: Concentration

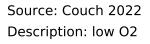
40

40

40

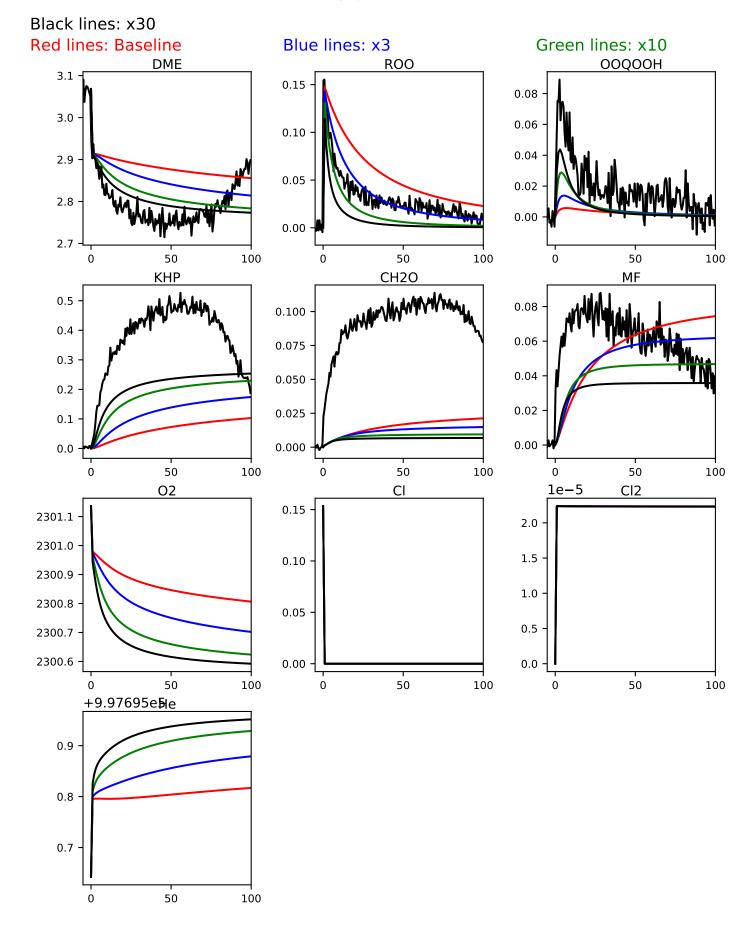


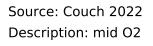
Y-axis: Mole fraction (ppm)



500.0 K (pg. 1 of 1)

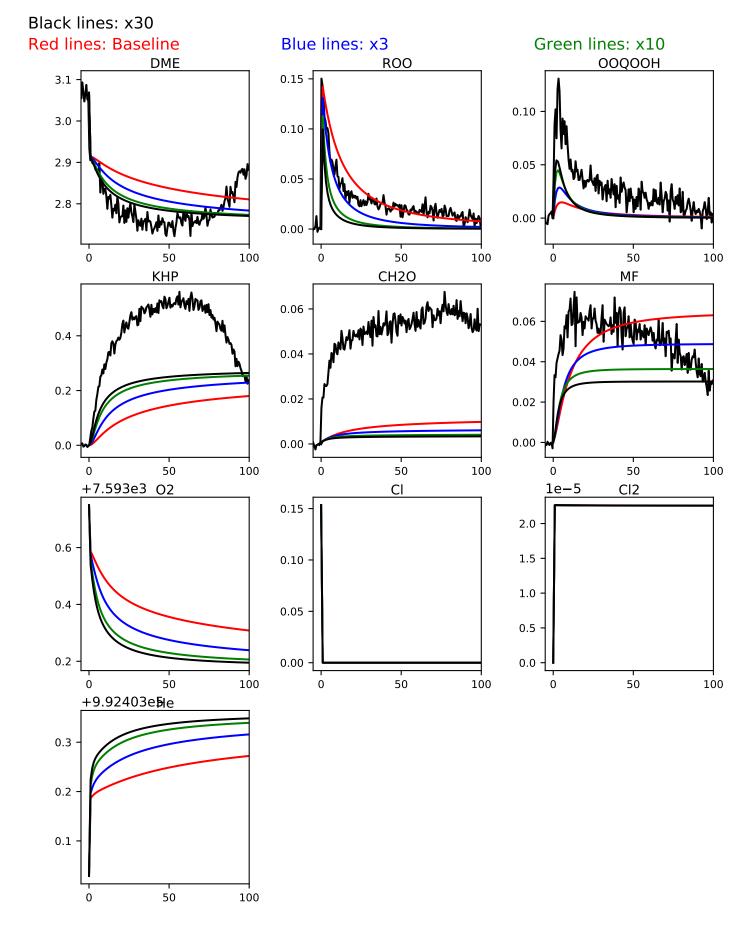
Reac. type: Const. TP Meas. type: Concentration

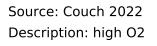




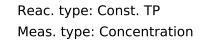
500.0 K (pg. 1 of 1)

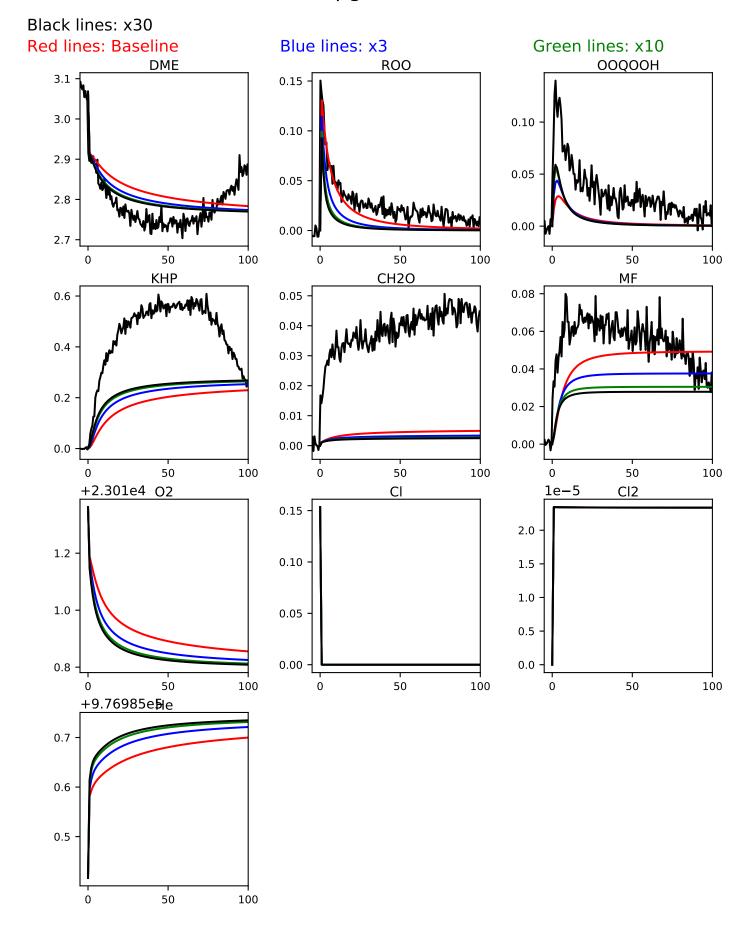
Reac. type: Const. TP Meas. type: Concentration





500.0 K (pg. 1 of 1)

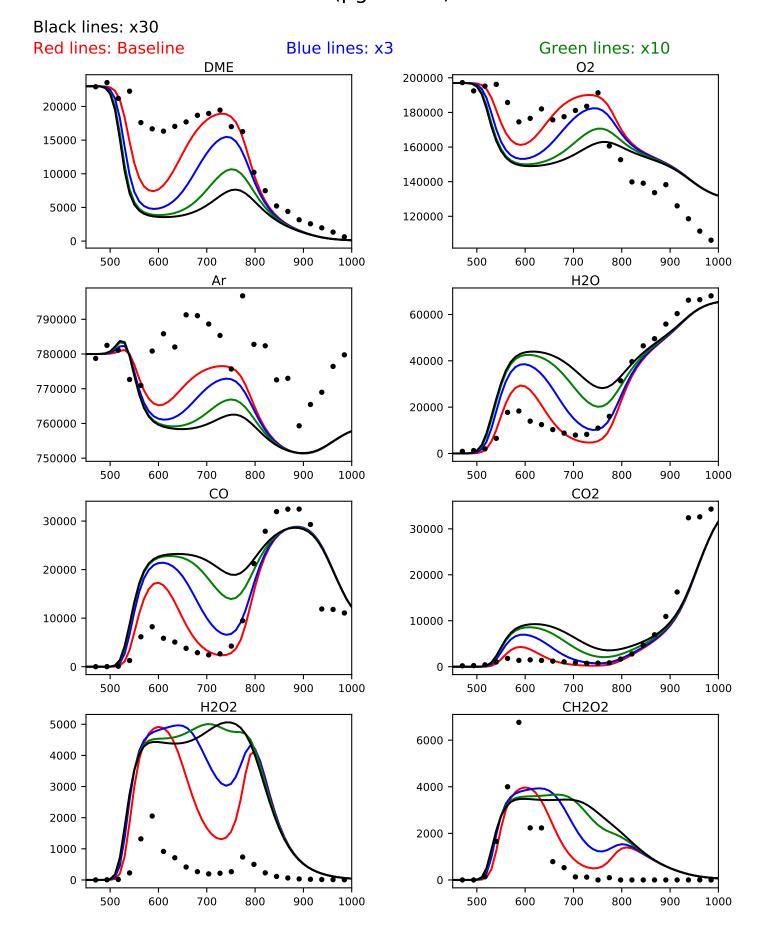




Source: Moshammer 2016 Description: Altered DME & O2

Outlet concentrations (pg. 1 of 2)

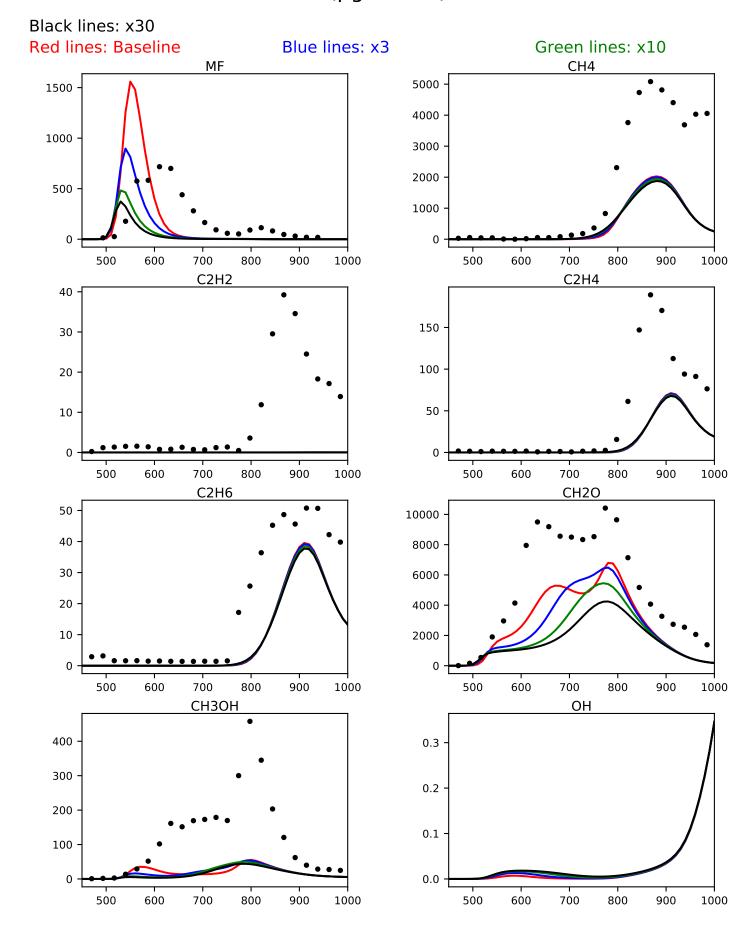
Reac. type: JSR Meas. type: Outlet



Y-axis: Mole fraction (ppm) X-axis: Temperature (K) Source: Moshammer 2016 Description: Altered DME & O2

Outlet concentrations (pg. 2 of 2)

Reac. type: JSR Meas. type: Outlet



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