## 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. nickhame Mech. niename	Mech. nickname	Mech. filename
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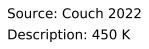
Baseline ../lib/mechs/dme\_couch\_v2.cti

x3 ../lib/mechs/dme\_couch\_v25.cti

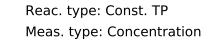
/3 ../lib/mechs/dme\_couch\_v26.cti

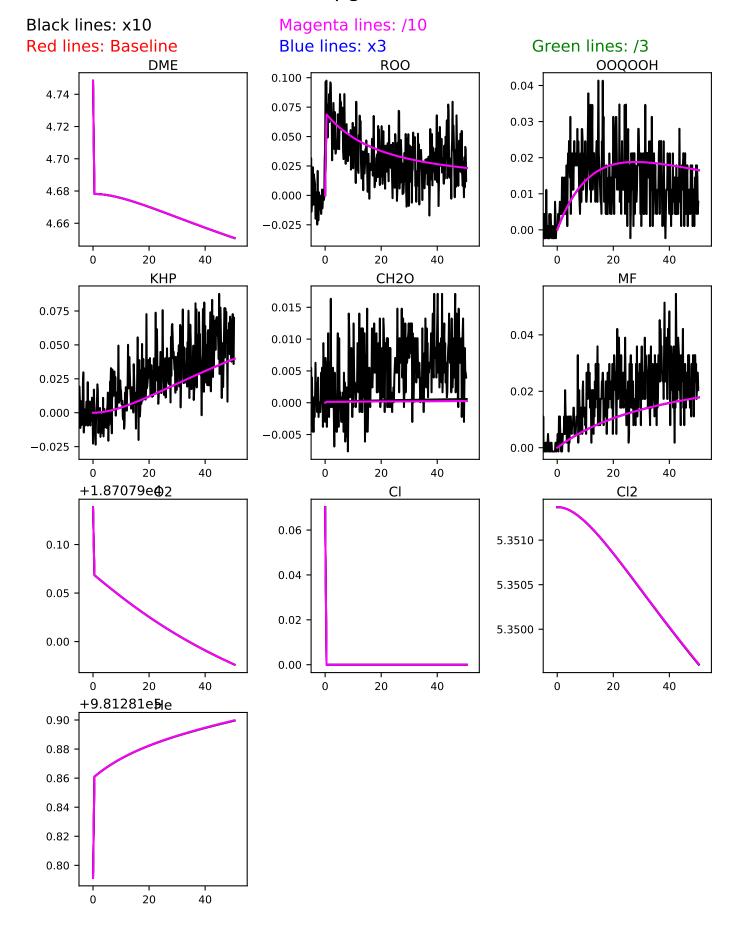
x10 ../lib/mechs/dme\_couch\_v27.cti

/10 ../lib/mechs/dme\_couch\_v28.cti



450.0 K (pg. 1 of 1)

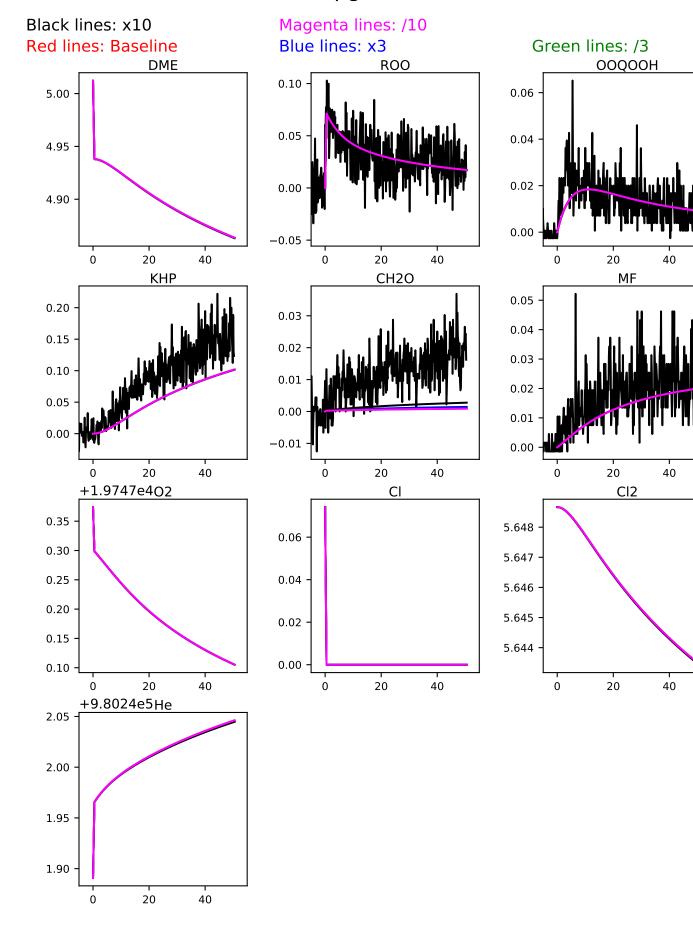




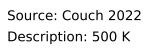
Y-axis: Mole fraction (ppm)

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

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

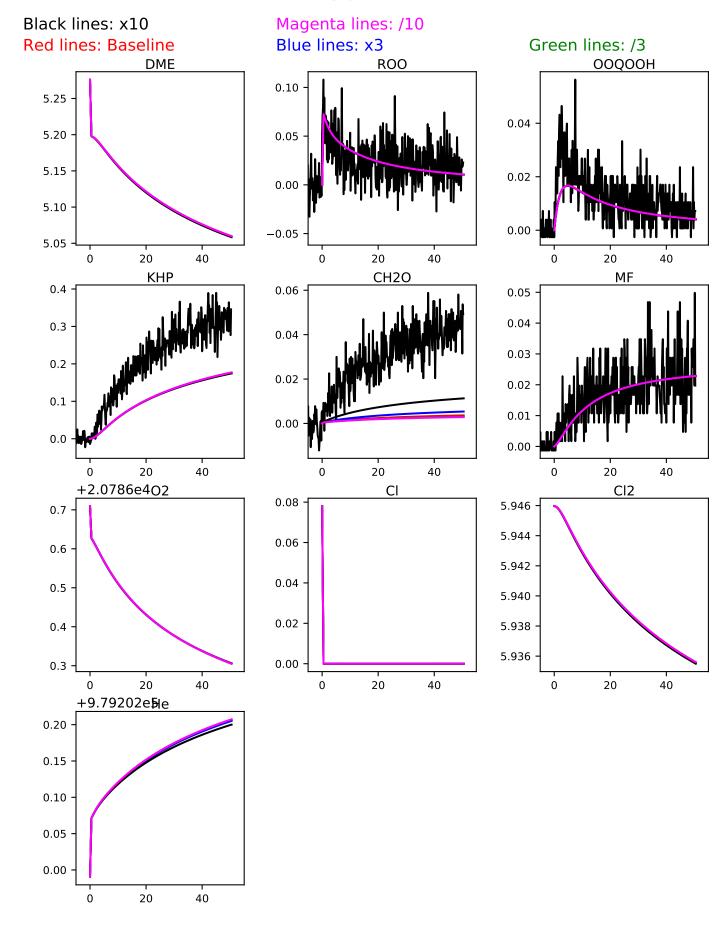


Y-axis: Mole fraction (ppm)



500.0 K (pg. 1 of 1)

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



Y-axis: Mole fraction (ppm)

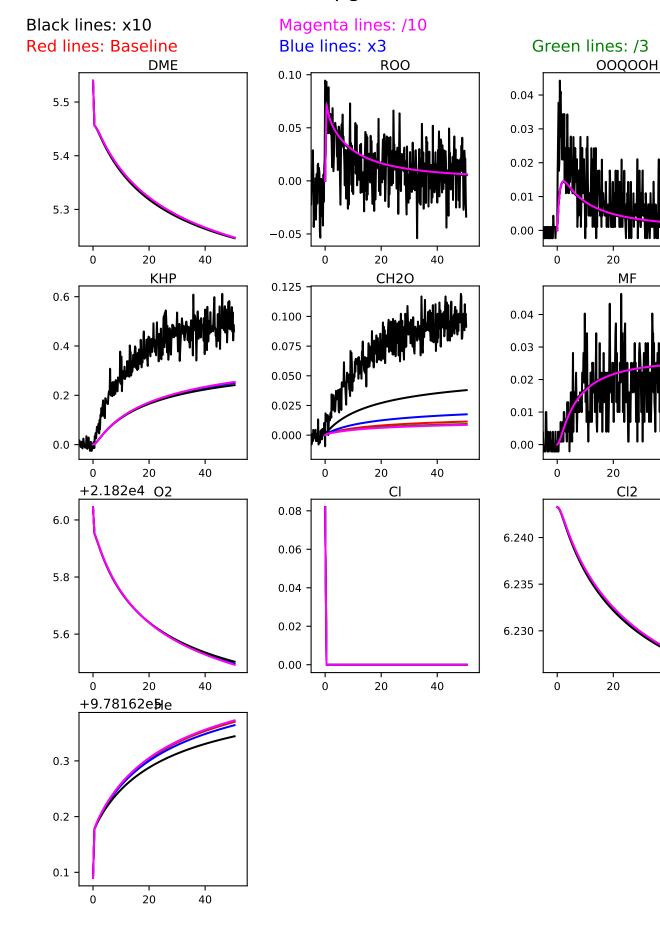
Source: Couch 2022 Description: 525 K 525.0 K (pg. 1 of 1)

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

40

40

40



Y-axis: Mole fraction (ppm)

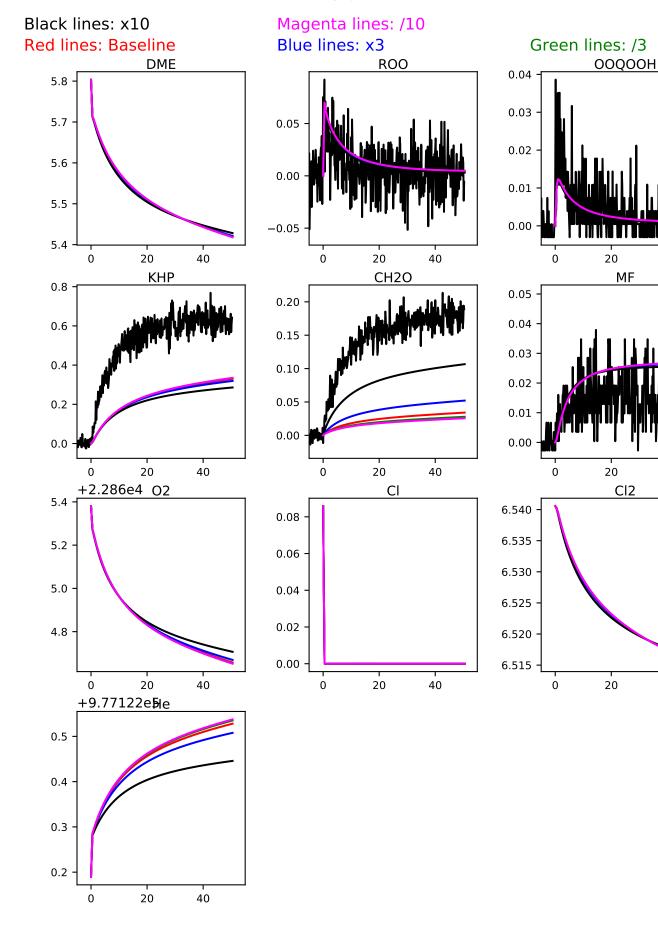
Source: Couch 2022 Description: 550 K 550.0 K (pg. 1 of 1)

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

40

40

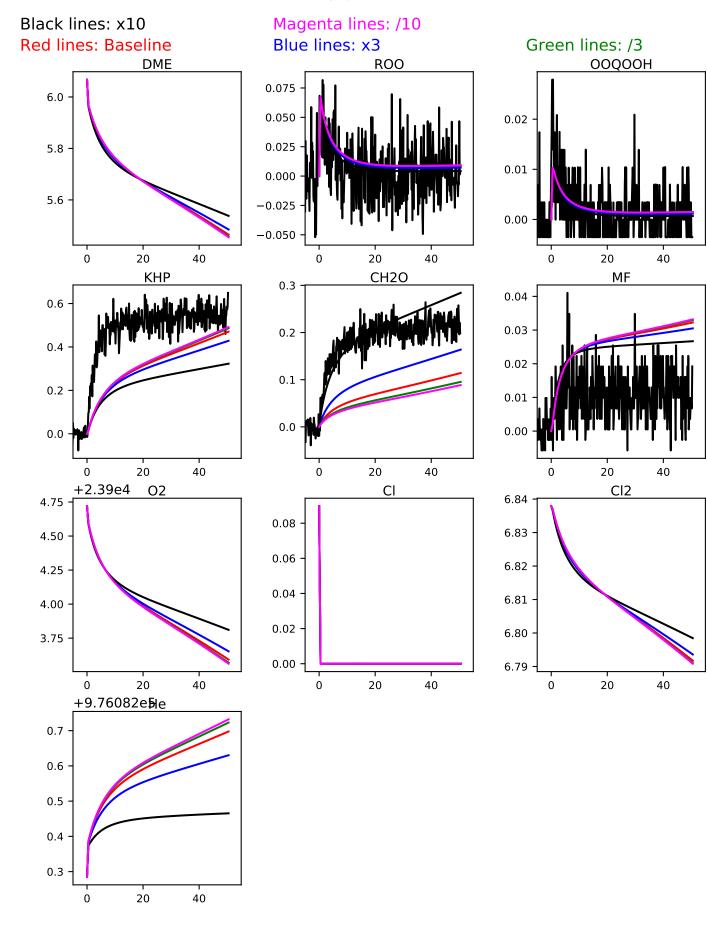
40



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

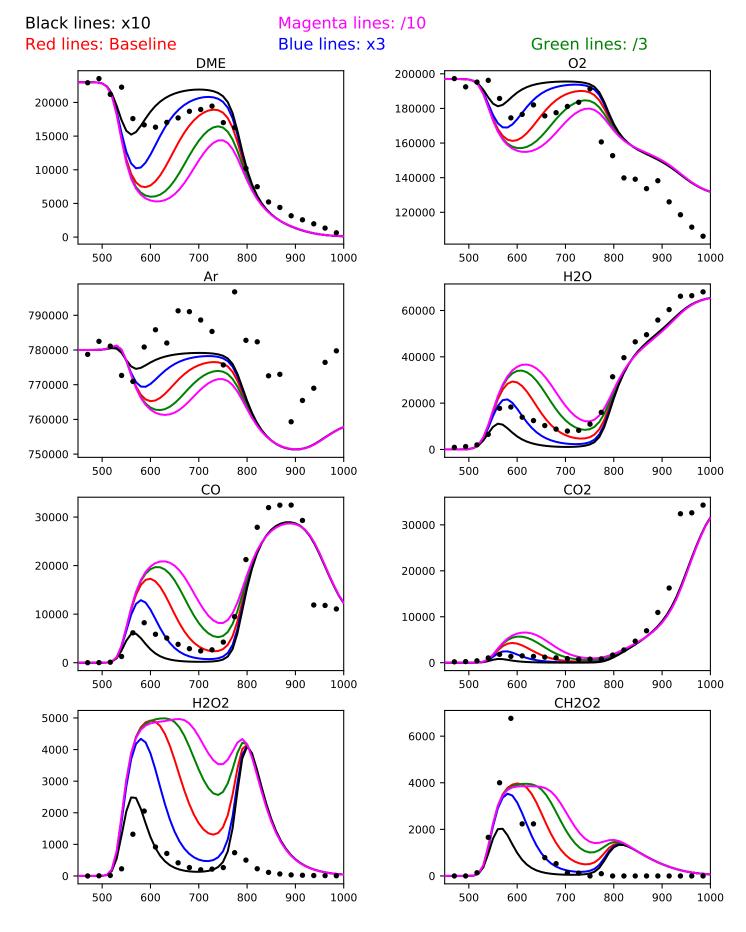


Y-axis: Mole fraction (ppm)

Source: Moshammer 2016
Description: Altered DME & O2

## Outlet concentrations (pg. 1 of 3)

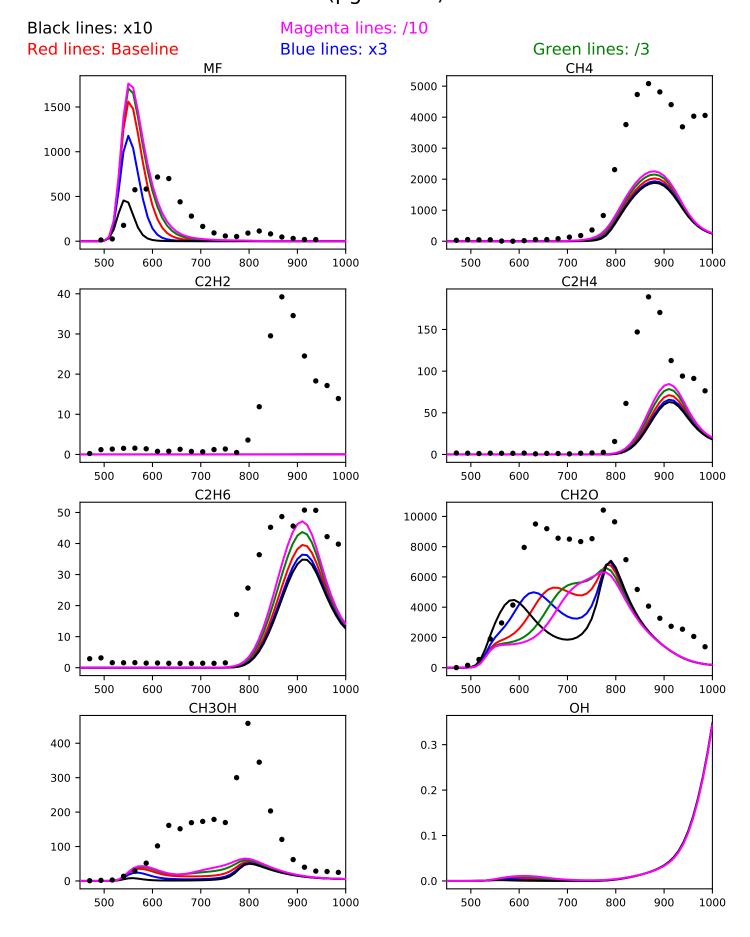
Reac. type: JSR Meas. type: Outlet



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

## Outlet concentrations (pg. 2 of 3)

Reac. type: JSR Meas. type: Outlet



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

Black lines: x10 Red lines: Baseline Outlet concentrations (pg. 3 of 3)

Magenta lines: /10

Blue lines: x3

Reac. type: JSR Meas. type: Outlet

Green lines: /3

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