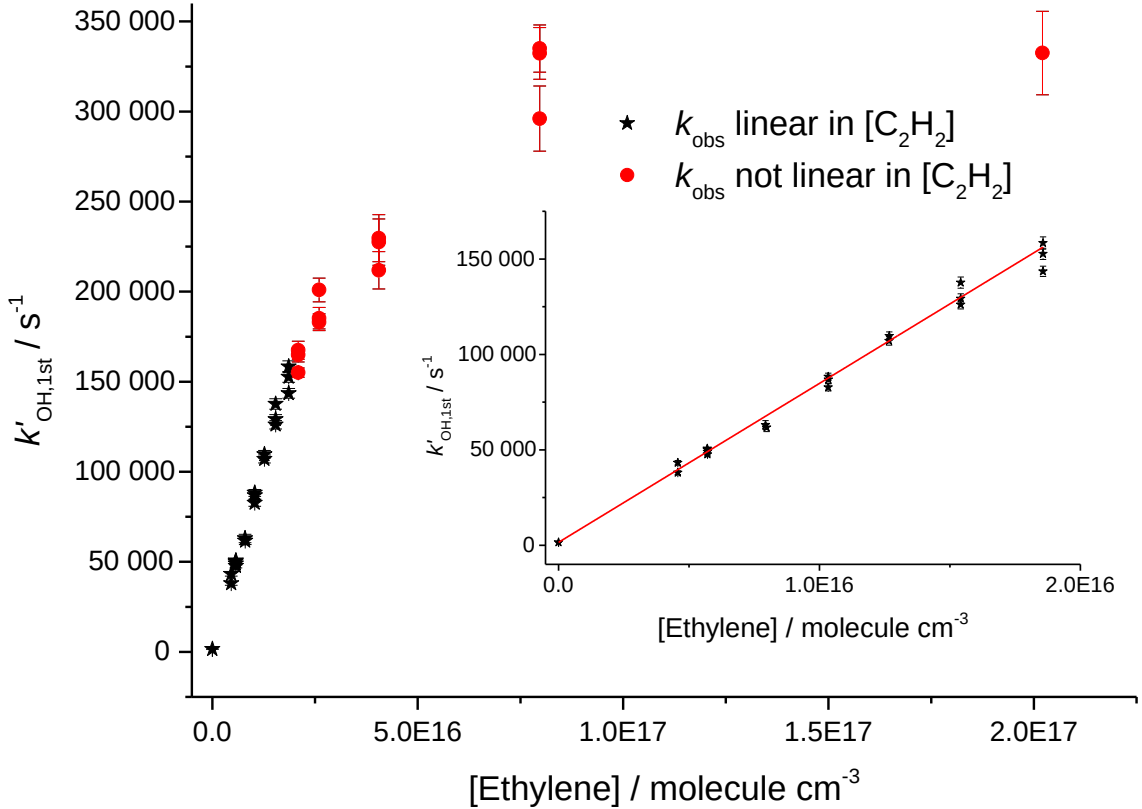
350 000
300 000
250 000
200 000
150 000
100 000
50 000
0
$k'_{OH,1st}$ / s^{-1}
0.0
5.0E16
1.0E17
1.5E17
2.0E17
[Ethylene] / molecule cm^{-3}
k_{obs} linear in $[C_2H_2]$
k_{obs} not linear in $[C_2H_2]$
150 000
100 000
50 000
0
$k'_{OH,1st}$ / s^{-1}
0.0
1.0E16
2.0E16
[Ethylene] / molecule cm^{-3}