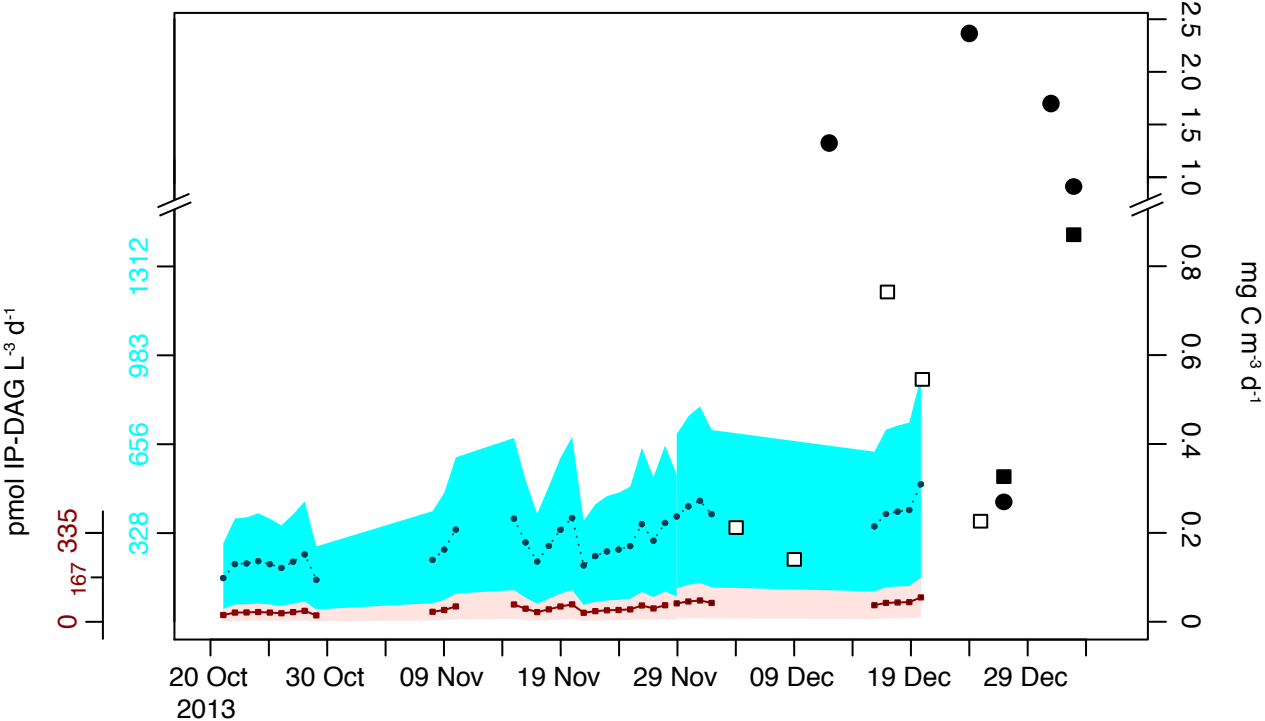

Rate of photooxidation of lipid-bound carbon

- Scenario A: Assuming photolability of IP-DAG containing PUFA with ≥ 5 double bonds
- Scenario B: Assuming photolability of IP-DAG containing PUFA with ≥ 3 and < 5 double bonds

Bacterial production at sea surface

- ■ PAL-LTER Station E
- ● PAL-LTER Station B
- □ Palmer Station seawater intake