

| Case | Oxidation reaction | NH ₃ (ppbv) | \bar{r}_d (μm) | n_{tot} (cm^{-3}) | σ_g |
|-------|--------------------|------------------------|-------------------------------|---------------------------------------|------------|
| Case1 | off | 0.1 | 0.05 | 50 | 1.8 |
| Case2 | on | 0.4 | 0.05 | 50 | 1.8 |
| Case3 | on | 0.1 | 0.05 | 150 | 1.8 |