RACM

Reaction Rate (molecules cm^{-3} s^{-1})

2.0e+09
1.8e+09
1.6e+09
1.4e+09
1.2e+09
1.0e+09
8.0e+08
6.0e+08
4.0e+08
2.0e+08
0.0e+00
-2.0e+08
-4.0e+08
-6.0e+08
-8.0e+08
-1.0e+09
-1.2e+09
-1.4e+09
-1.6e+09
-1.8e+09
-2.0e+09

Day 1 Day 2 Day 3 Day 4 Day 5 Day 6 Day 7 Night 1 Night 2 Night 3 Night 4 Night 5 Night 6 Night 7

Reaction

- Production Others
- HCHO + hv = CO + 2 HO2
- HONO + hv = NO + OH
- O1D = OH + OH
- PAN = ACO3 + NO2
- ACO3 + NO2 = PAN
- NO2 + OH = HNO3
- NO + OH = HONO
- HO2 + HO2 = H2O2
- HO2 + OH = UNITY
- Consumption Others