No sub-grid coagulation

\[ D_{pm0} = 150 \quad \sigma_0 = 2 \]
\[ \text{Avg} = -222 \]

With sub-grid coagulation

\[ D_{pm0} = 100 \quad \sigma_0 = 2 \]
\[ \text{Avg} = -253 \]

\[ D_{pm0} = 100 \quad \sigma_0 = 1.6 \]
\[ \text{Avg} = -169 \]

\[ D_{pm0} = 150 \quad \sigma_0 = 1.6 \]
\[ \text{Avg} = -231 \]

\[ D_{pm0} = 100 \quad \sigma_0 = 2 \]
\[ \text{Avg} = -206 \]

DRE due to BB [mW m\(^{-2}\)]