Ice thickness change $S_1$ to $S_3$ (m)

- $S_3-S_1$ measured thickness change (smoothed)
- Basal melt rate
- Surface melt rate (0.25 m a$^{-1}$)
- Total estimated thickness change
- Strain thickness change

Distance from center of suture zone (km)

S3-S1 measured thickness change (smoothed)
Basal melt rate
Strain thickness change
Surface melt rate (0.25 m a$^{-1}$)
Surface melt rate (0.5 m a$^{-1}$)
Total estimated thickness change