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# The use of MK3, EIT, C2 and C3 for CME velocity profile determination

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In recently study, people believe that there have two different kinds of coronal mass ejections (CMEs), fast and slow CMEs, which could be derived form different magnetic structure. They also found the two kinds of CMEs have many distinct characteristic in velocity and acceleration at 2-30 $R_{\odot,}$ but the evolution of these two kinds of CMEs at near solar surface is still unknown. In order to solve this problem the observations of Large Angle and Spectrometric Coronagraph (LASCO) and Extreme ultraviolet Imaging Telescope (EIT) on board the Solar and Heliosperic Observatory (SOHO), and the Coronagraph MK3 at High Altitude Observatory are combined in this study. We use the images of these four instruments and their running-difference images to calculate the velocity-high profile of CMEs.