



Complex Eruptive Dynamics Leading to a Prominence Eruption and a Partial-Halo Coronal Mass Ejection

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We present very rarely reported case of an eruptive prominence (EP) composed by both hot, bright flux rope (BFR) and cool massive flux ropes (MFR) and associated partial-halo coronal mass ejection (CME).

We establish the sequence of activities appearance involved in casually linked chain of events on 2014 March 14. A surge-like event in the northern EP footpoints is determined as the possible trigger of the bright FR appearance beneath the cool, massive FR. Plasma draining in this footpoints is identified as the precursor for the EP eruption. We find that the EP FRs merging at the fast-rise onset and their splitting in the phase of strong acceleration are the main triggers for the flaring activity.

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