

CME on June 16 observed by PROBA-3/ASPIICS

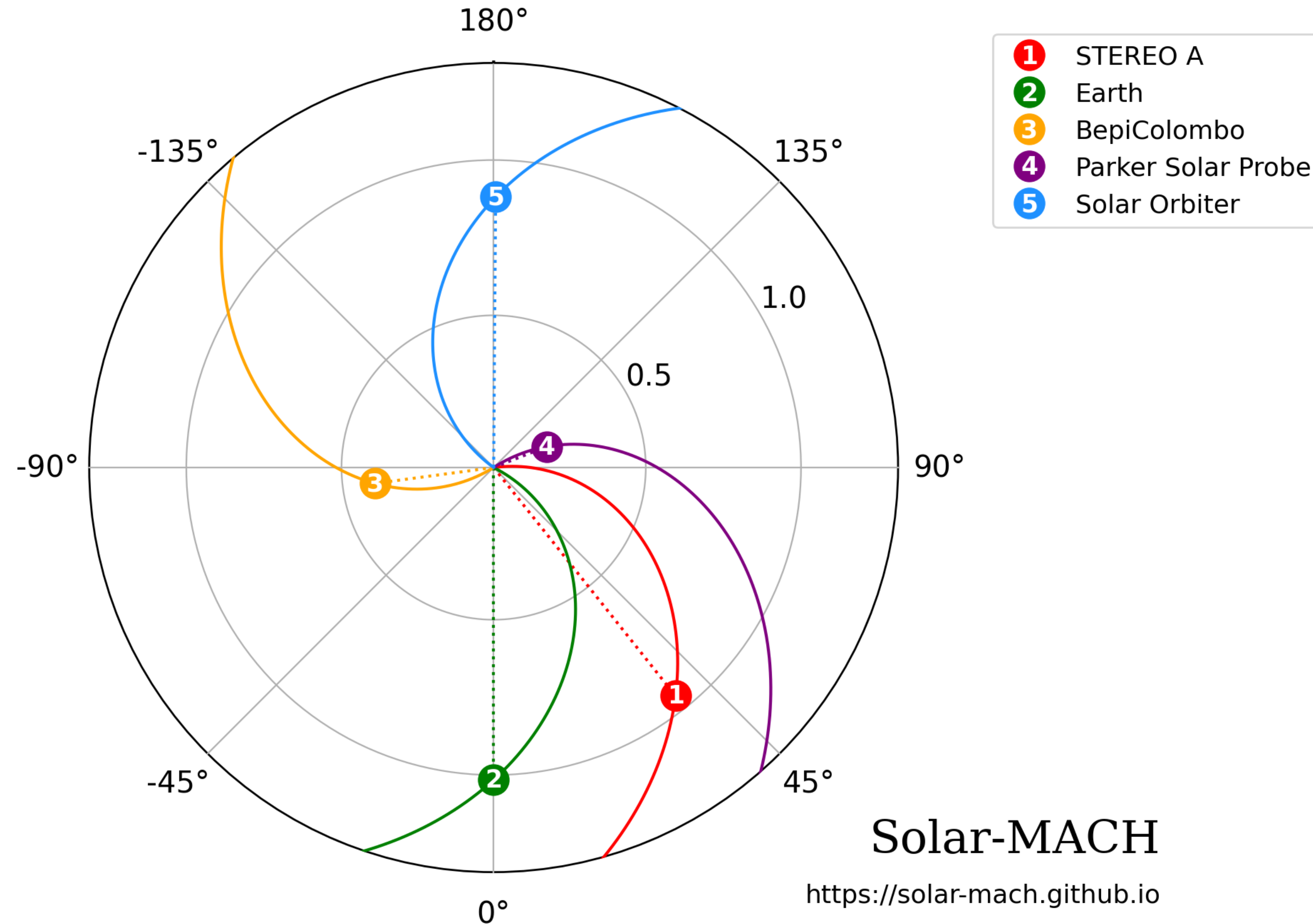
Marilena Mierla^{1,2}, Andrei Zhukov¹, Sergei Shestov¹,
David Berghmans¹

1. Royal Observatory of Belgium

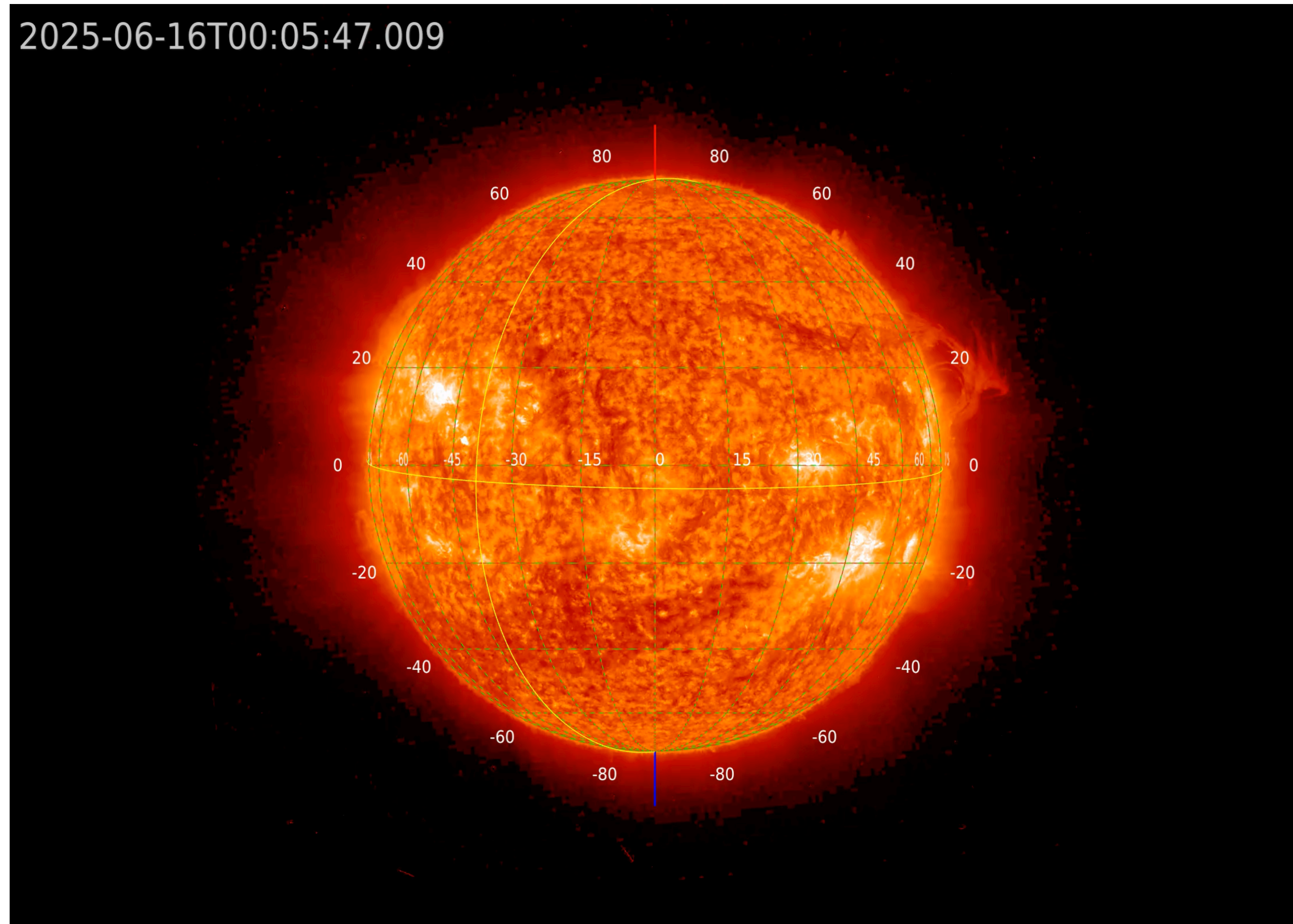
2. Institute of Geodynamics of the Romanian Academy

Position of Spacecraft

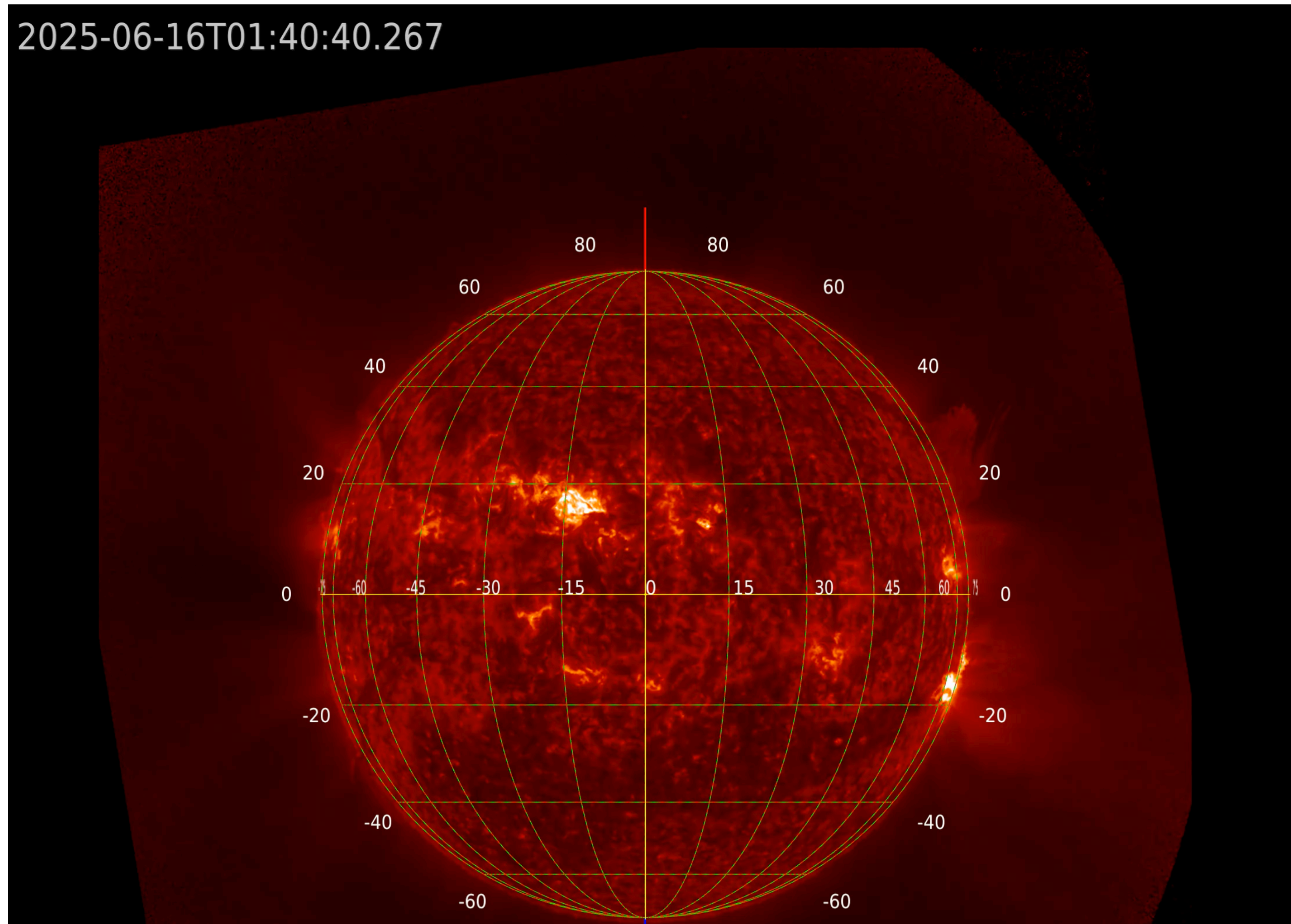
2025-06-16 00:00 (UTC)



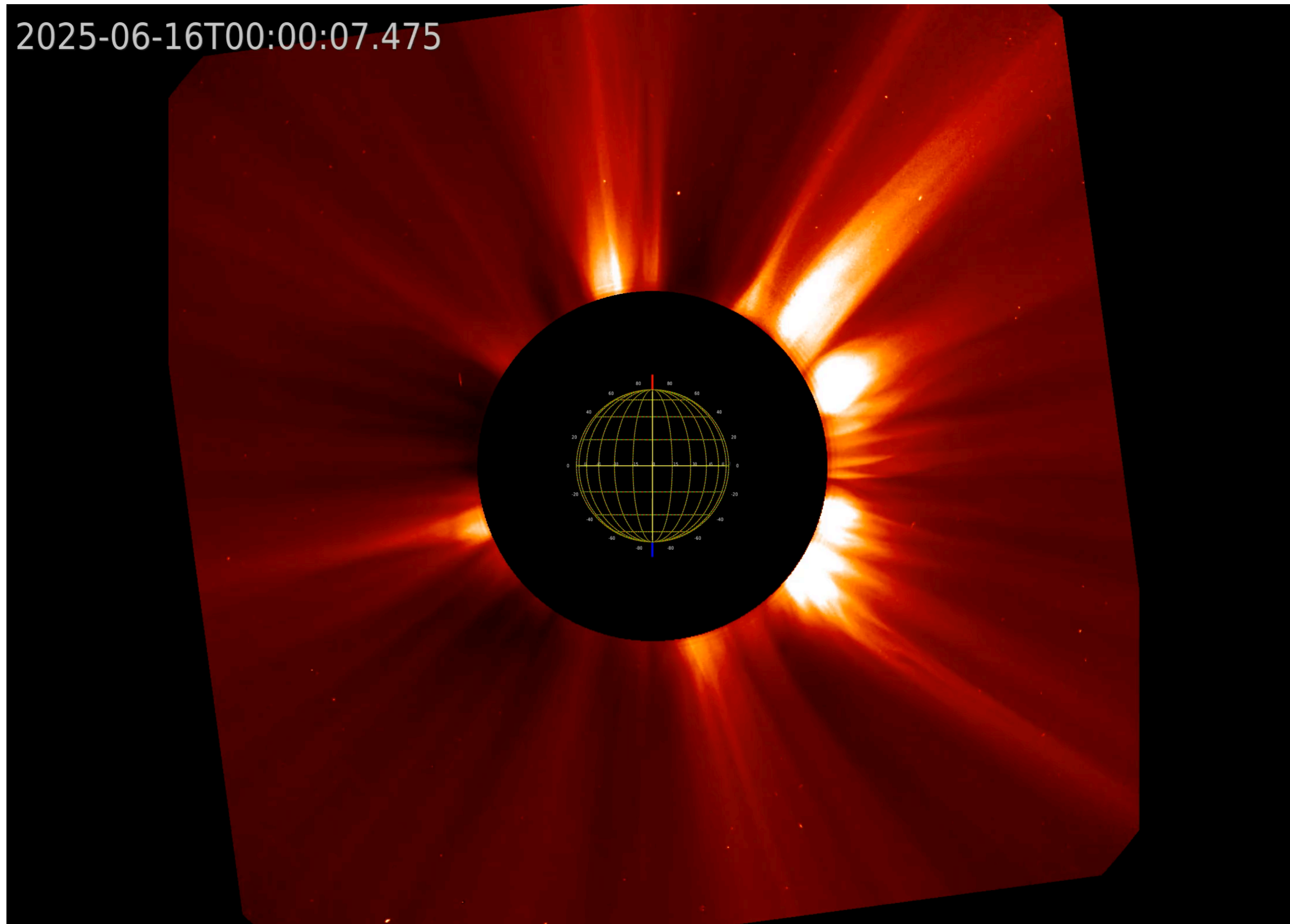
CME observed by EUVI 304

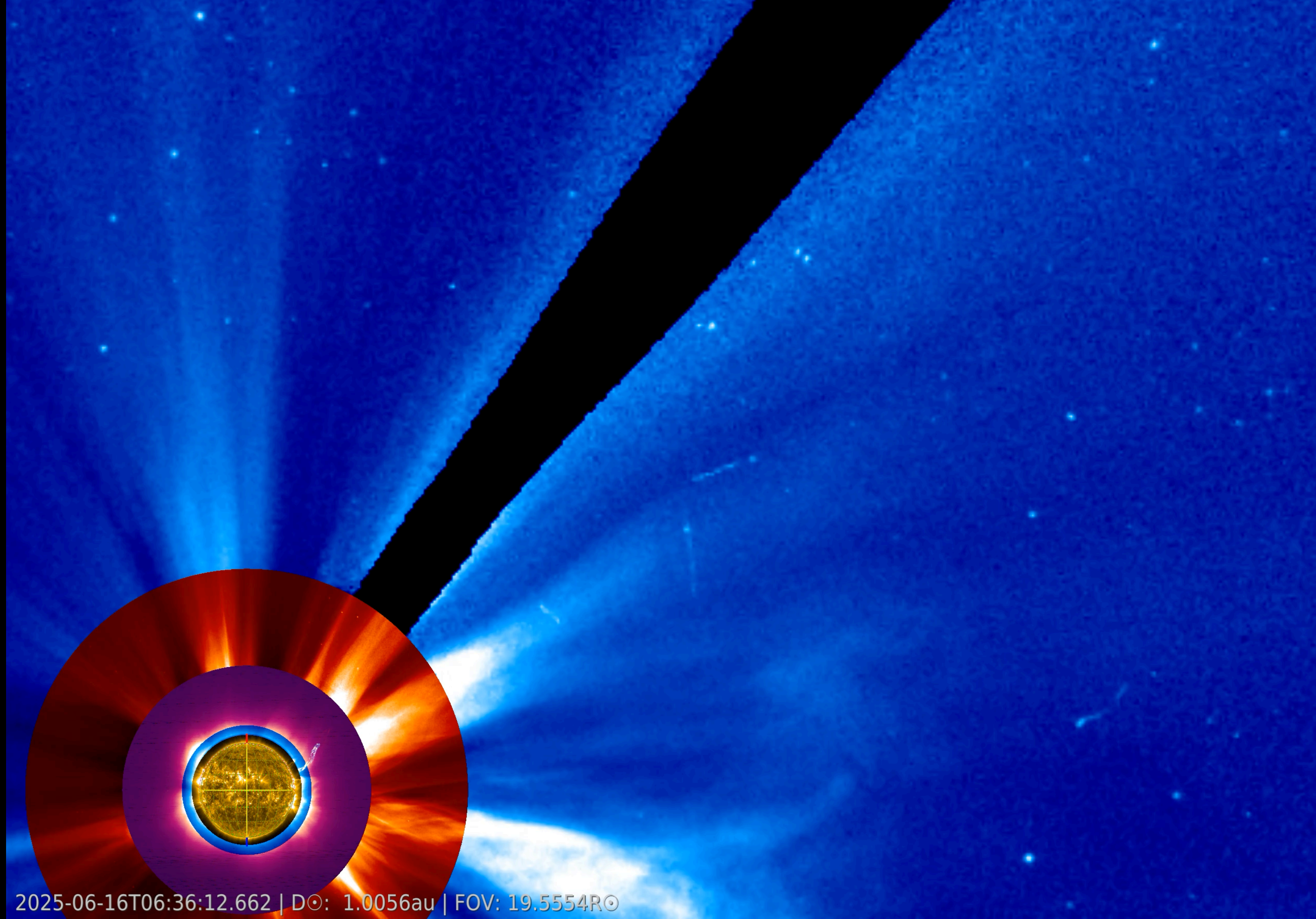


CME observed by SUVI 304



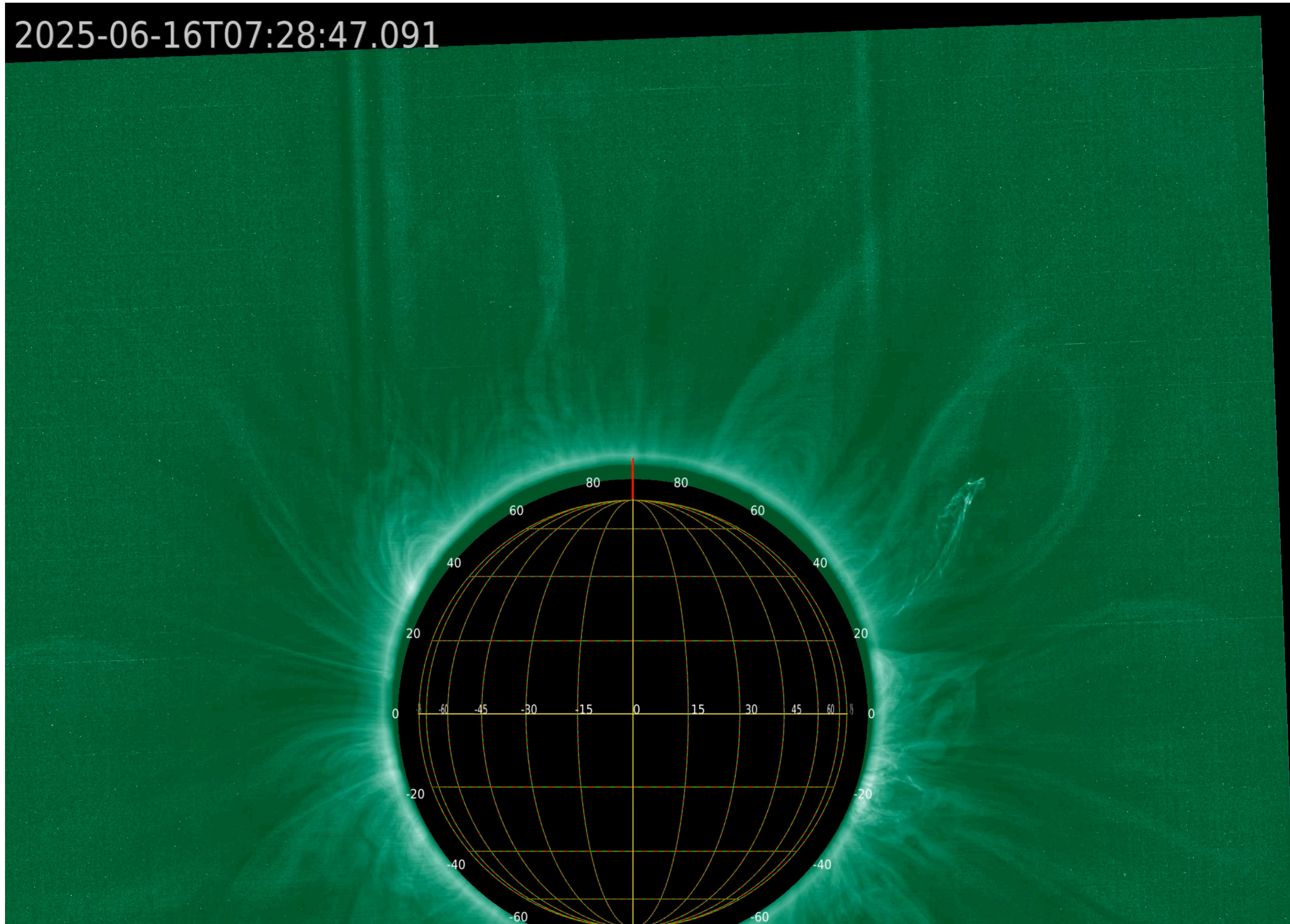
CME observed by LASCO



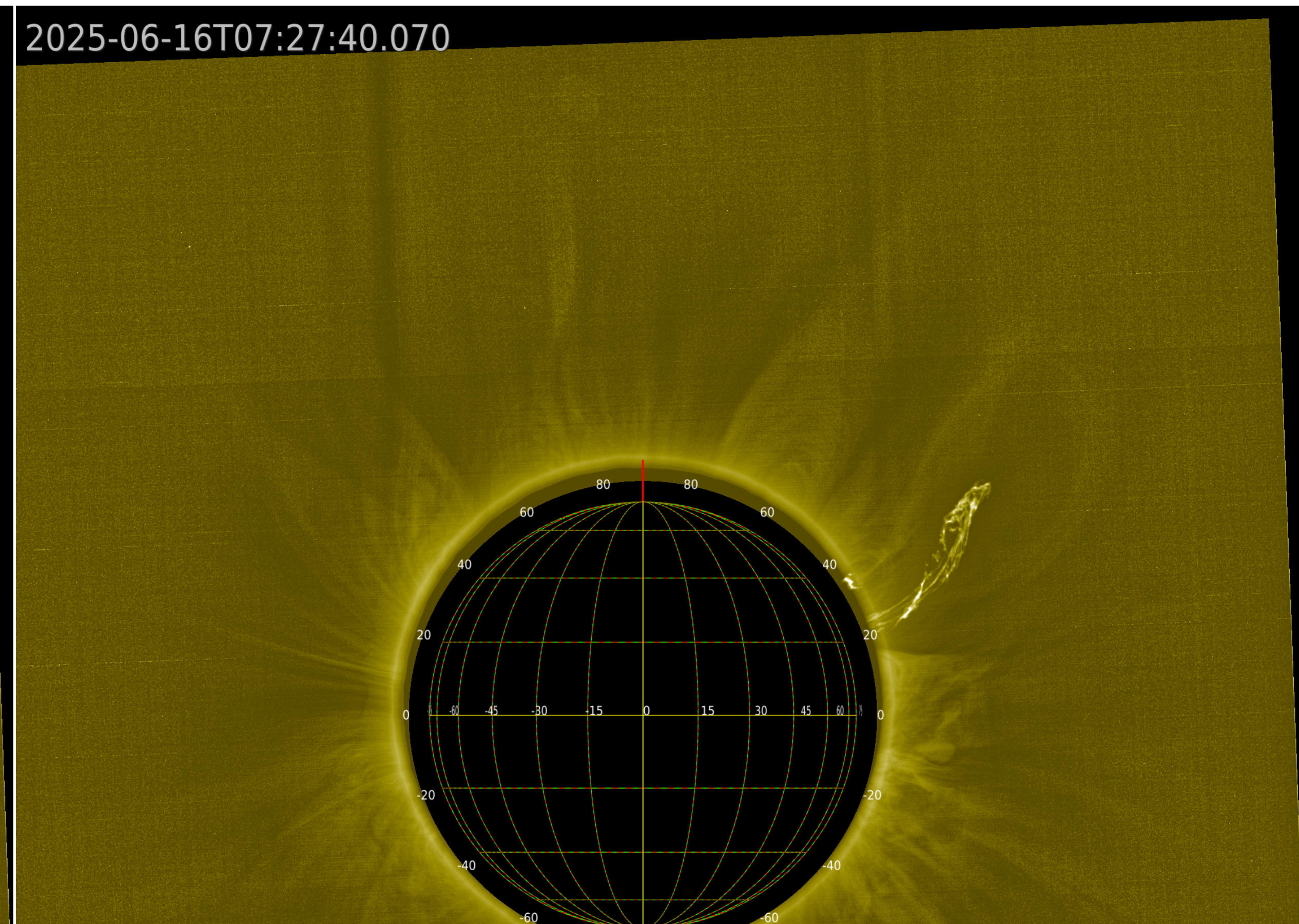
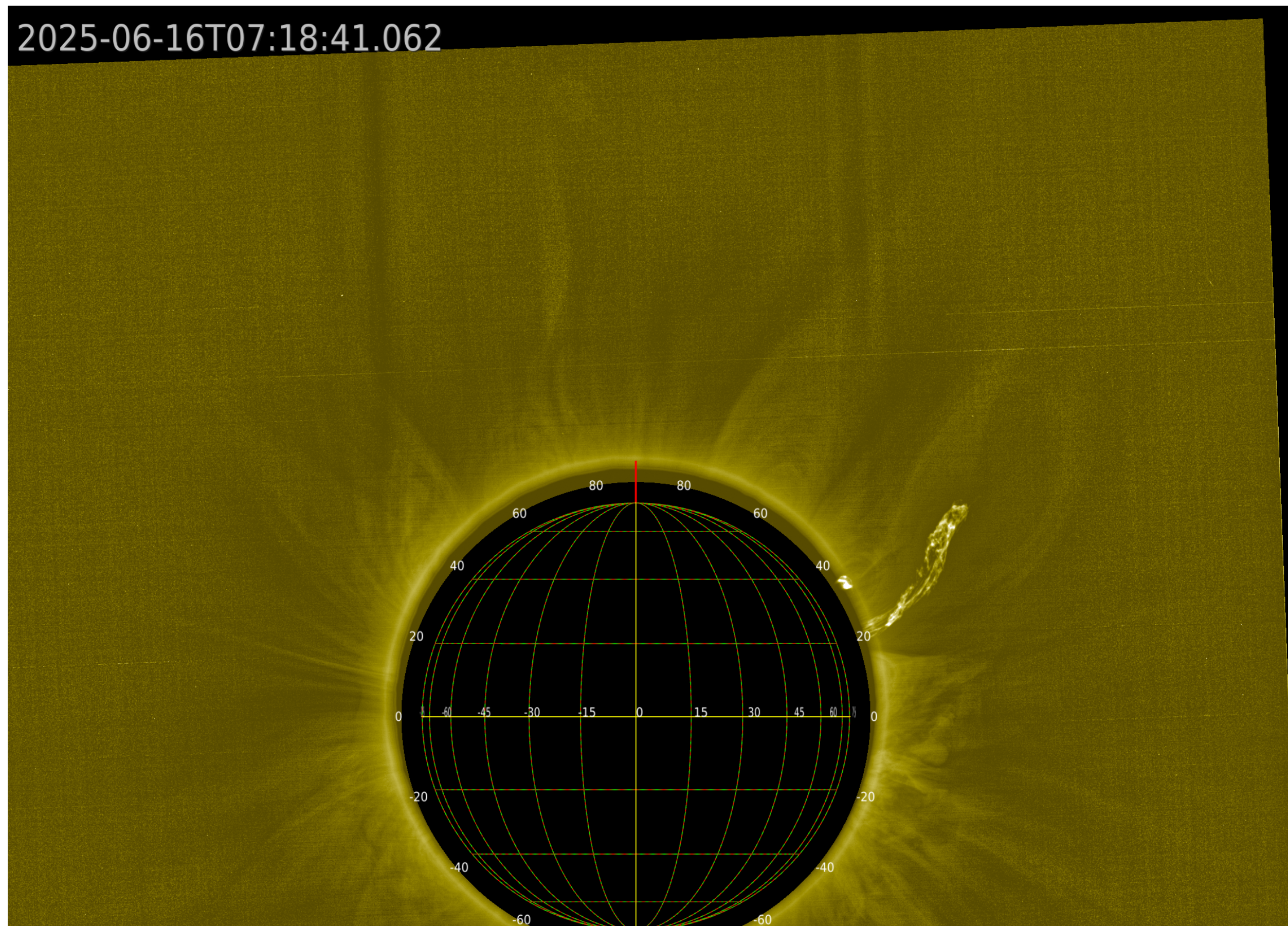


2025-06-16T06:36:12.662 | D☉: 1.0056au | FOV: 19.5554R☉

CME observed by ASPIICS

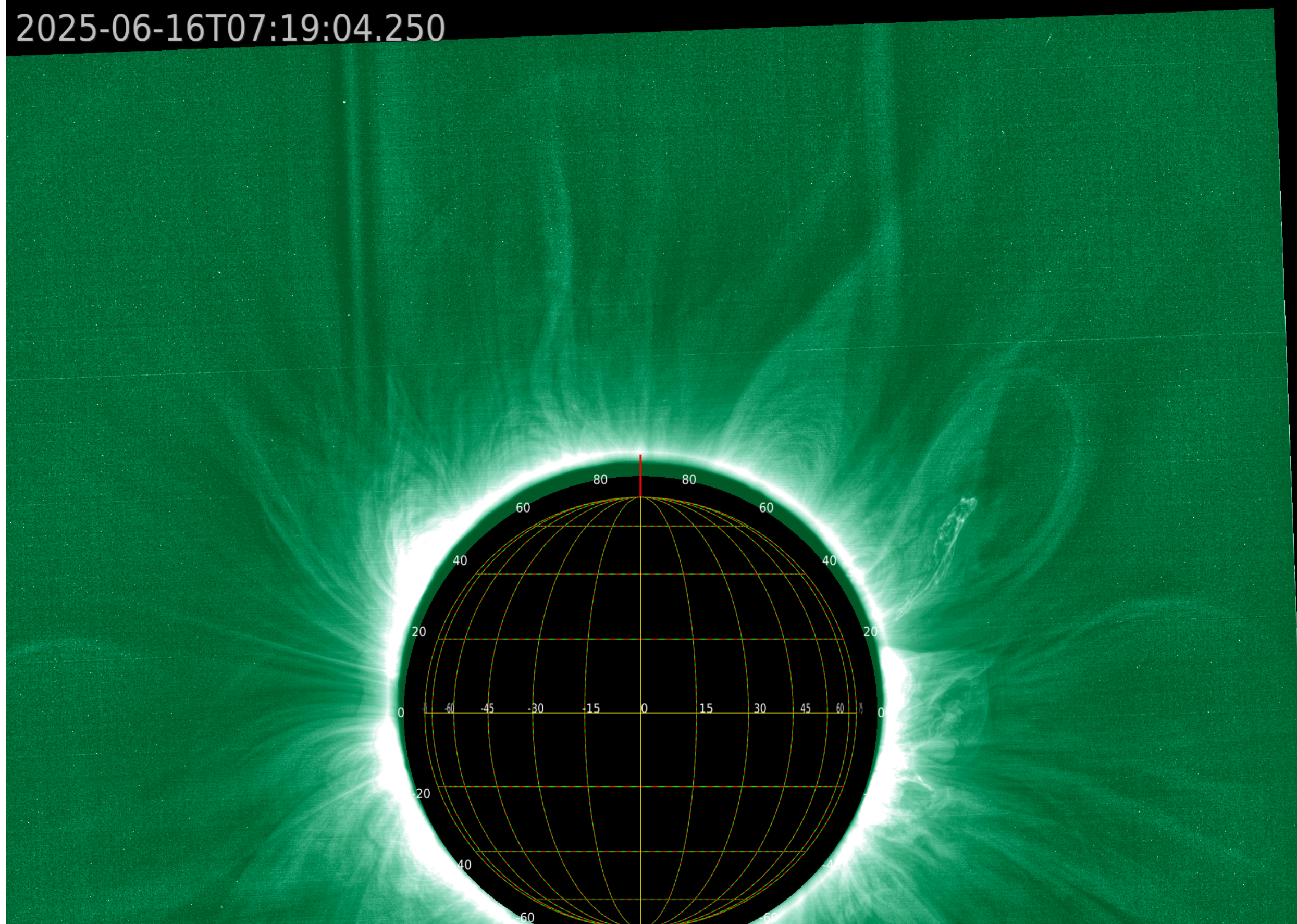


CME in He I passband

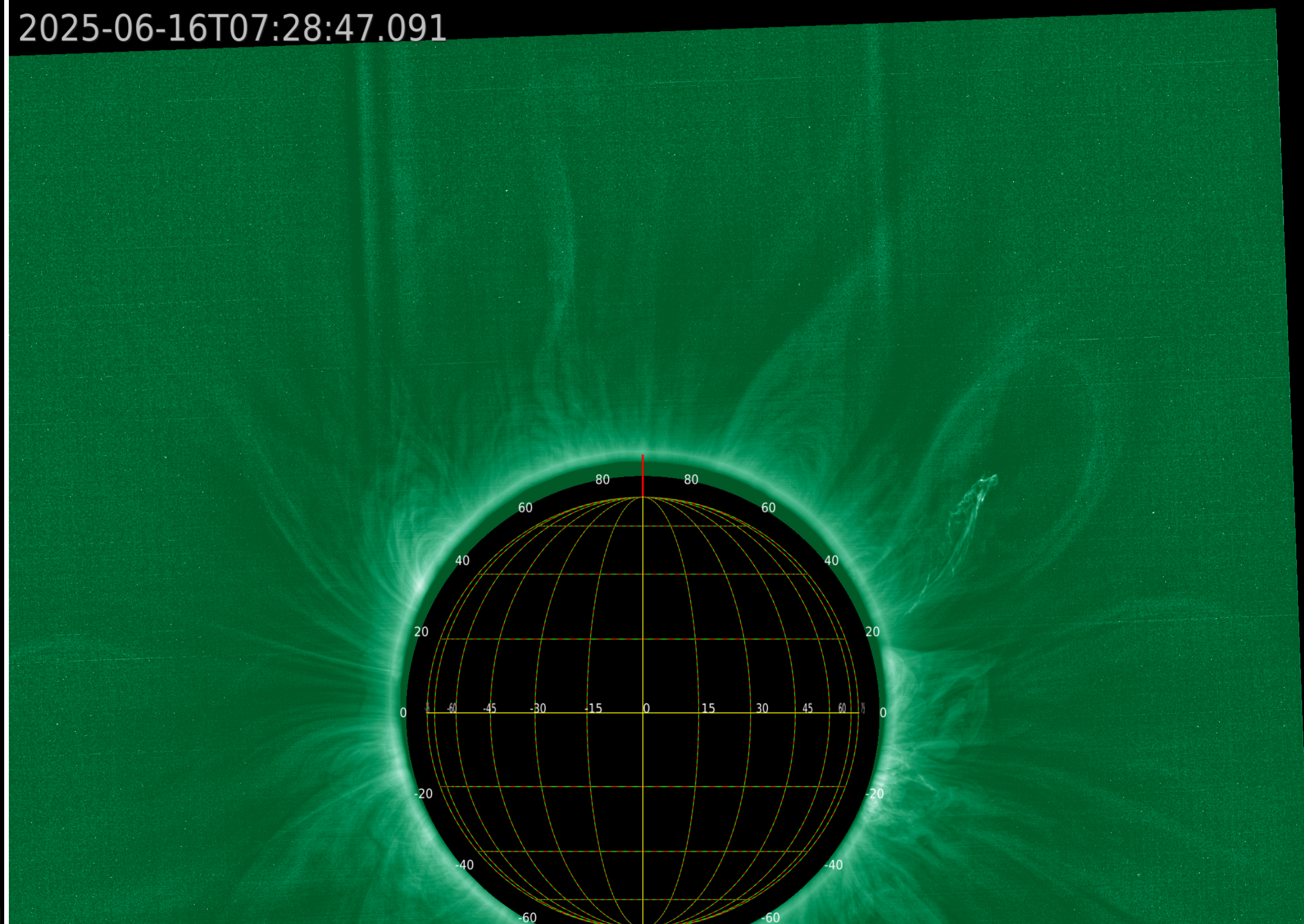


CME in FeXIV passband

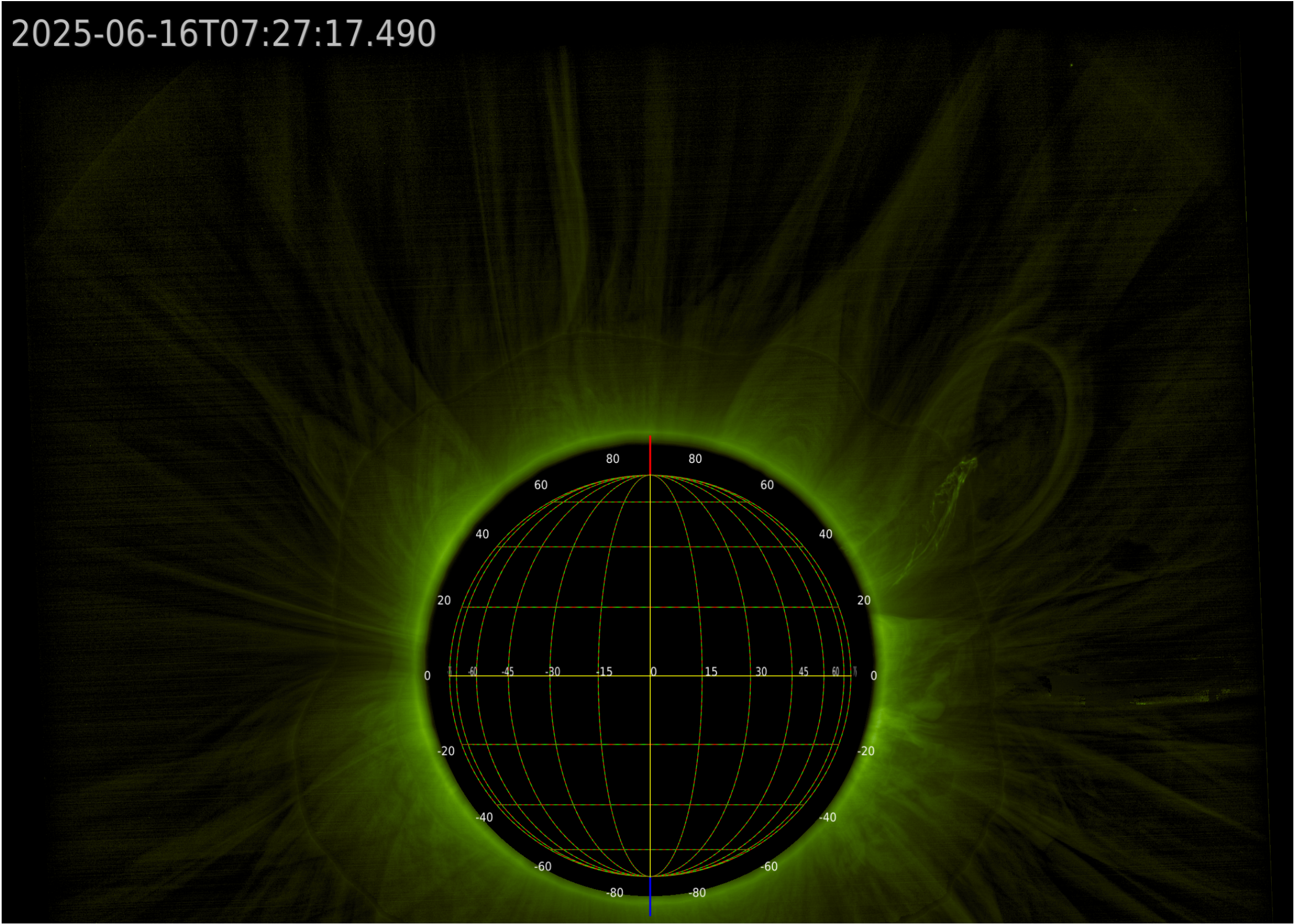
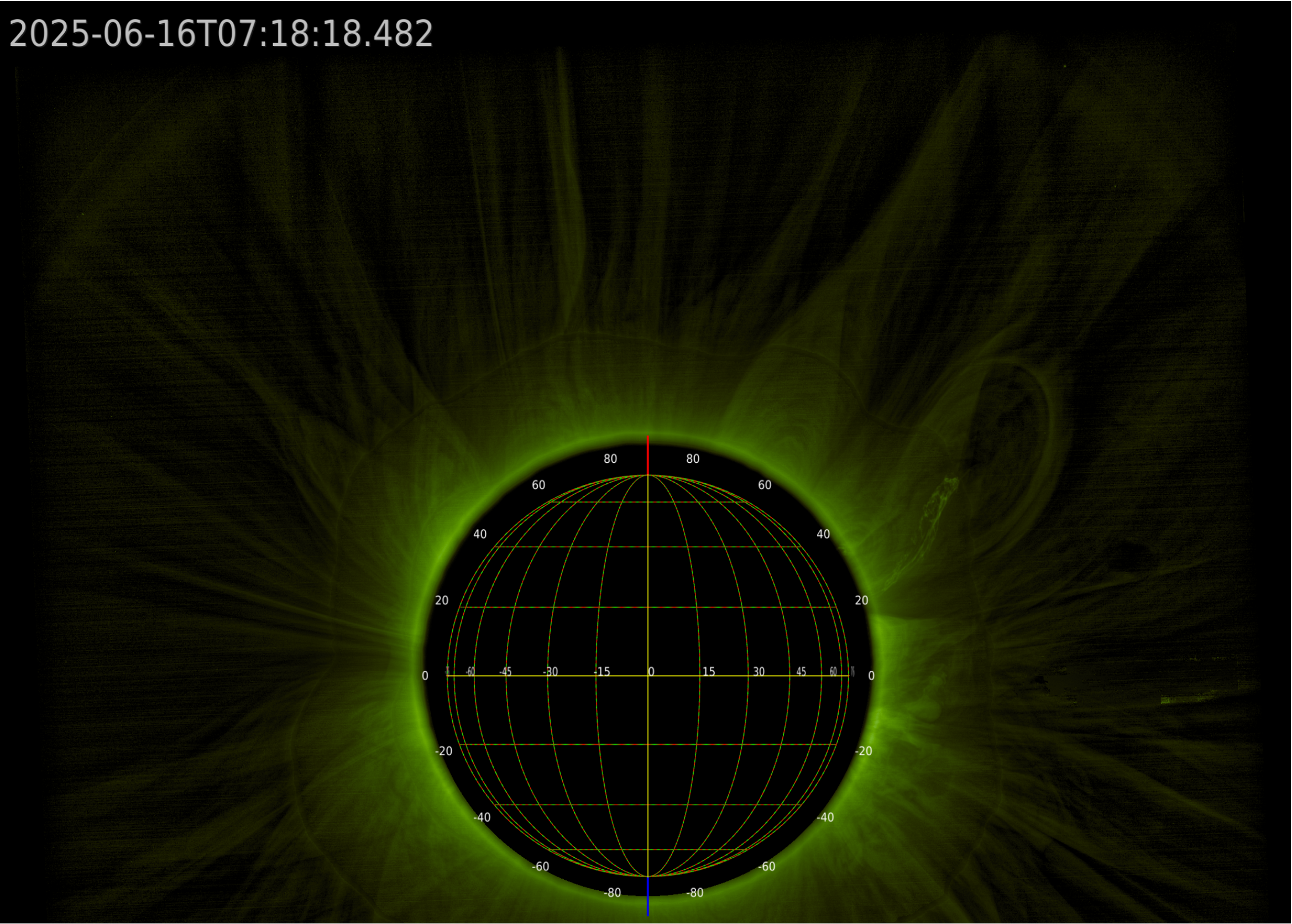
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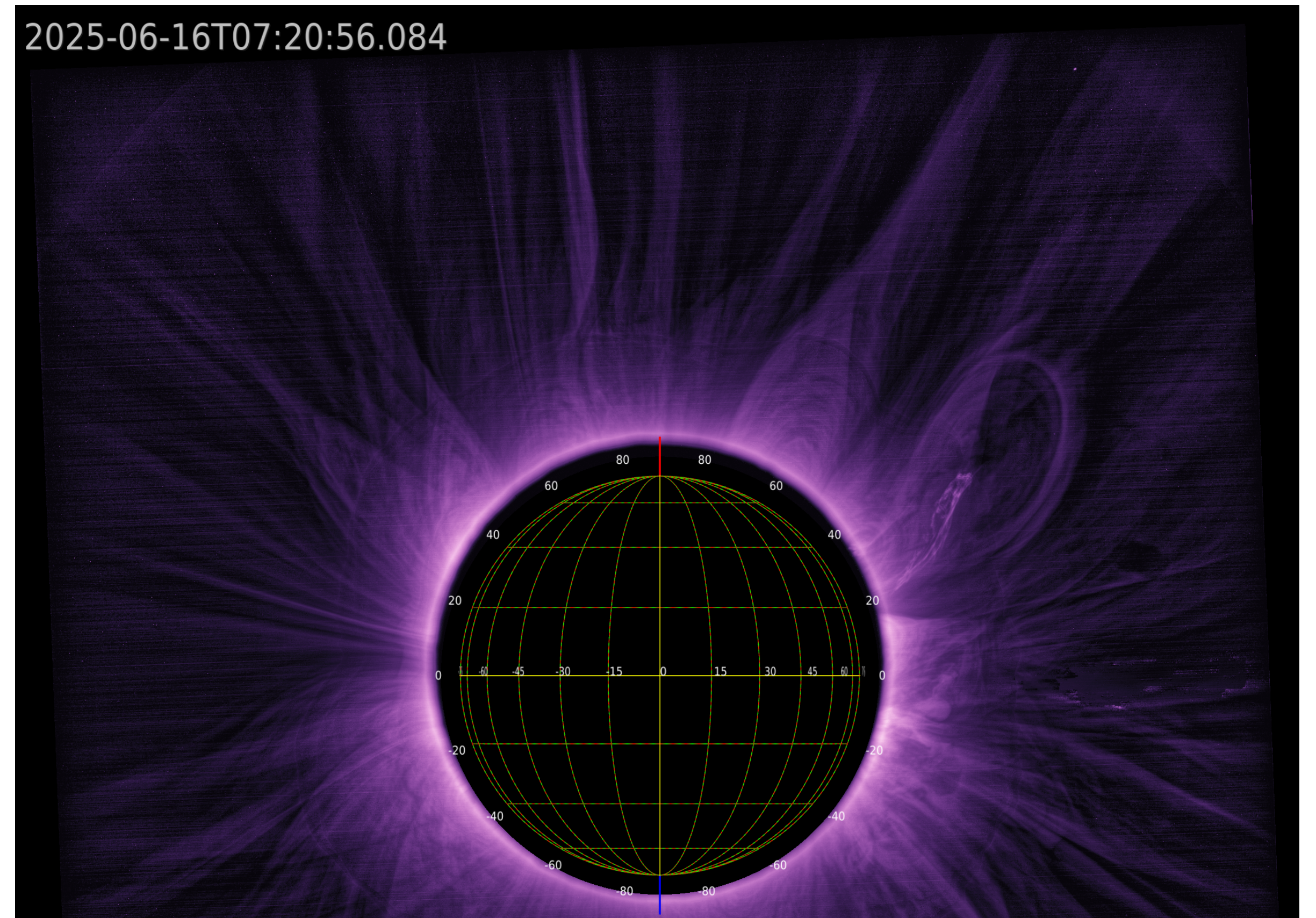
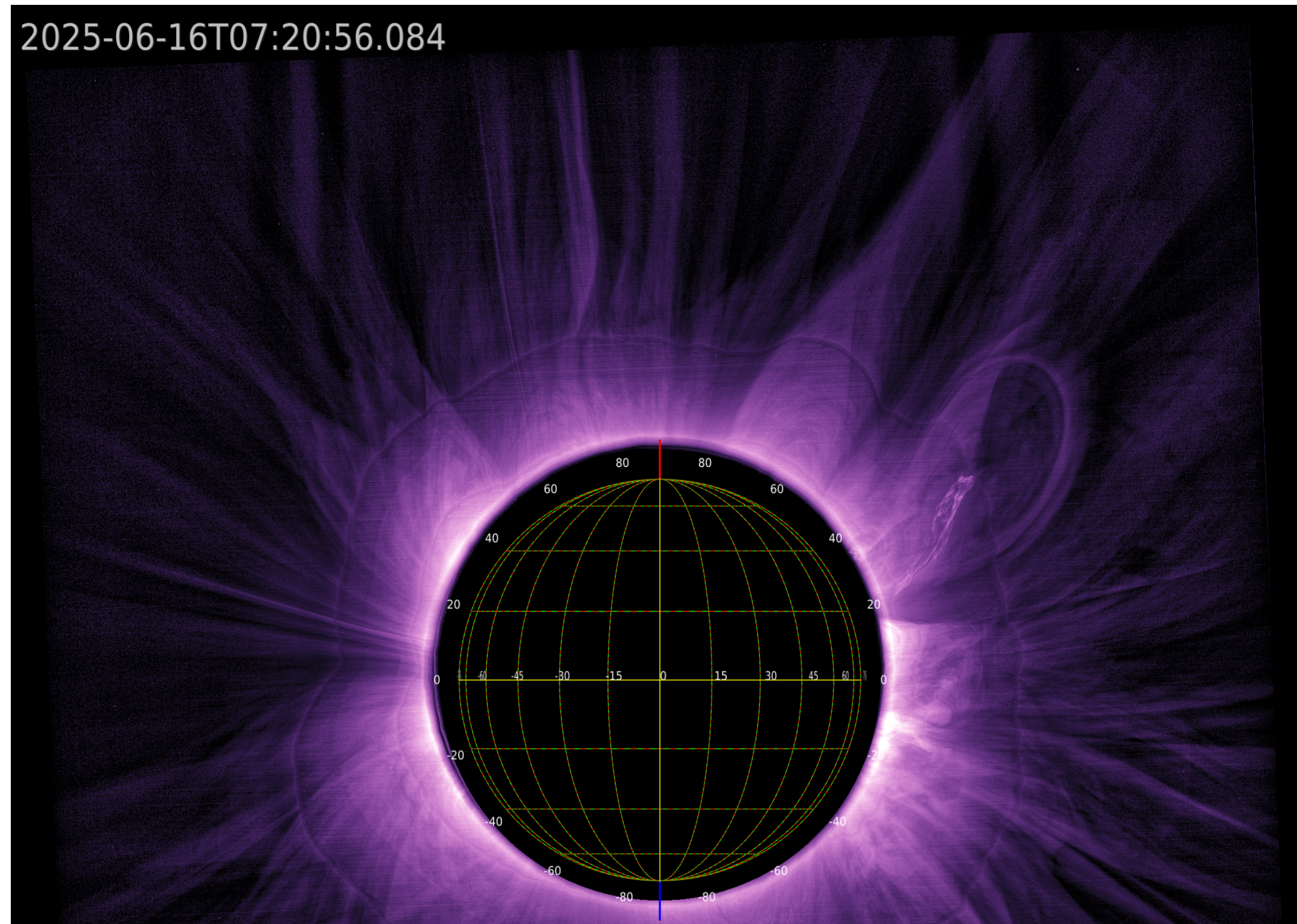
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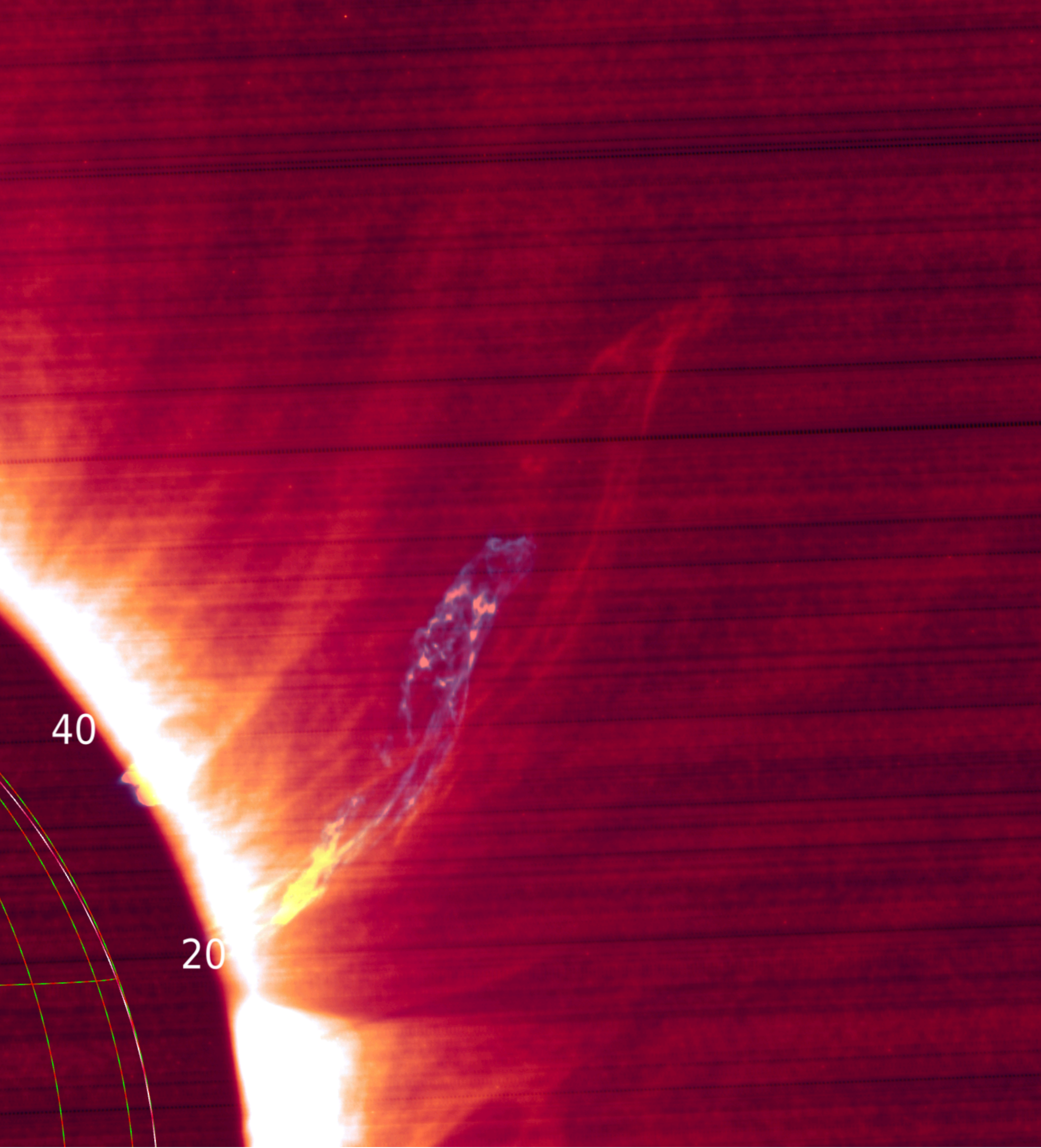


CME in WB passband



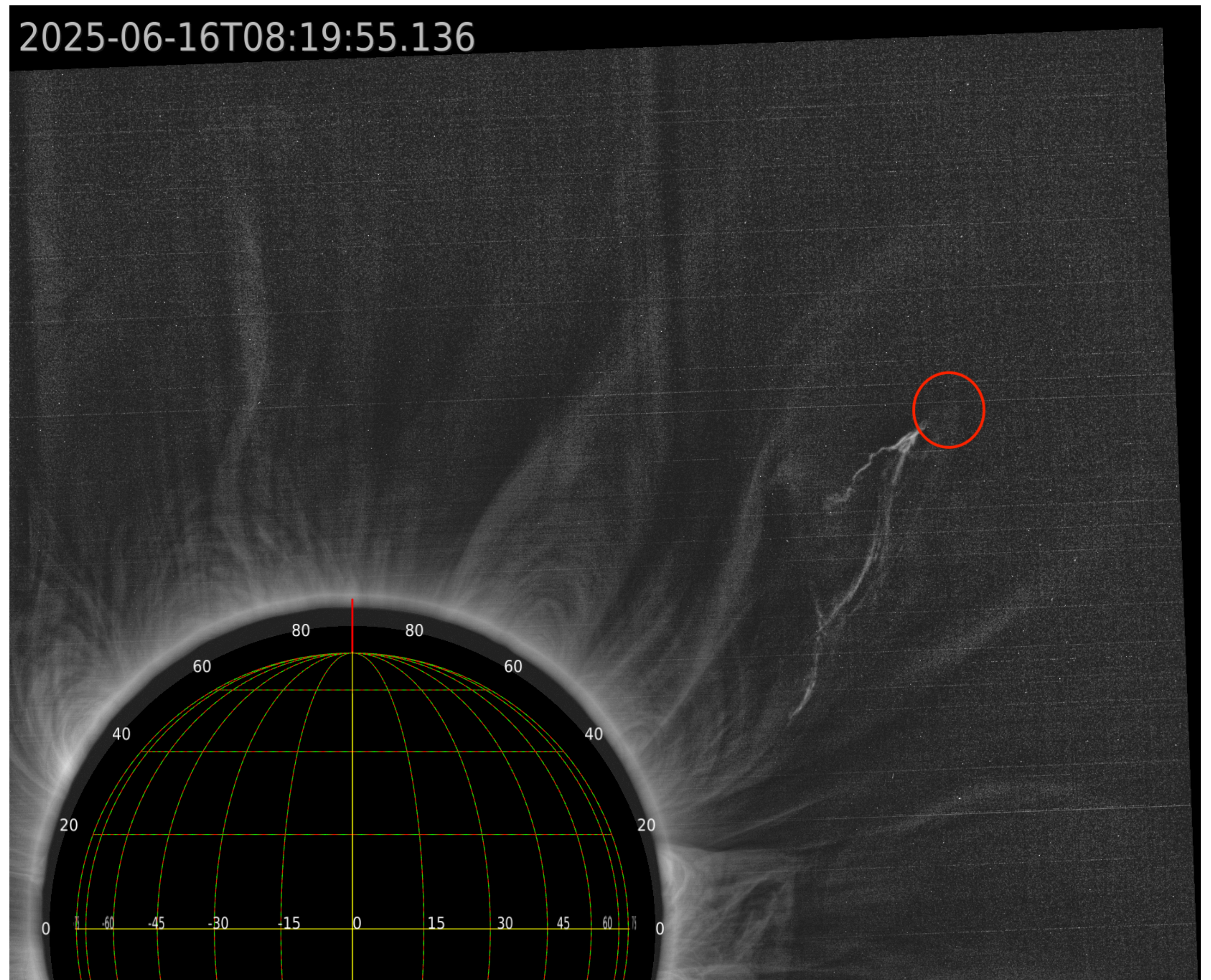
CME, Pb and TotB





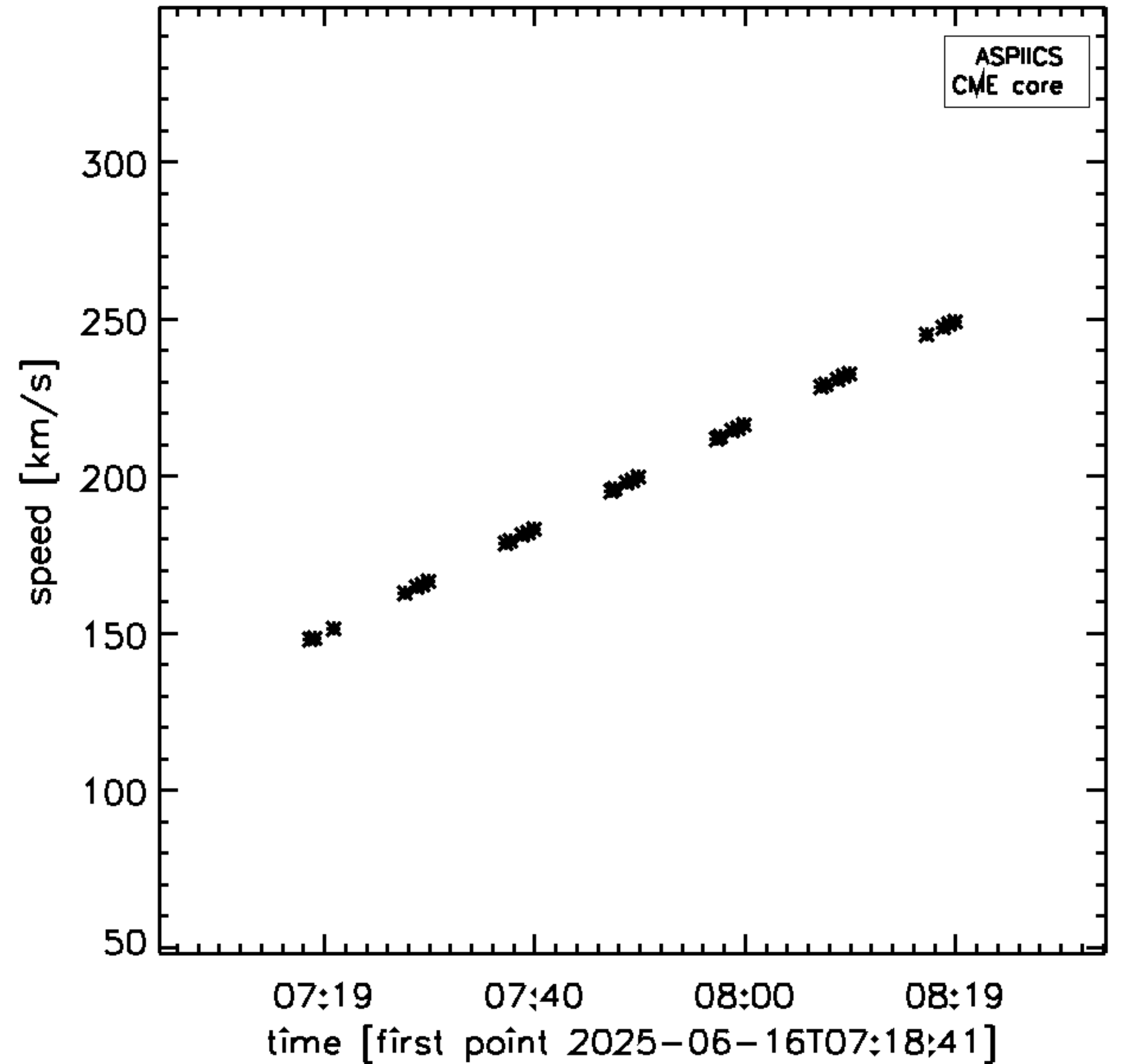
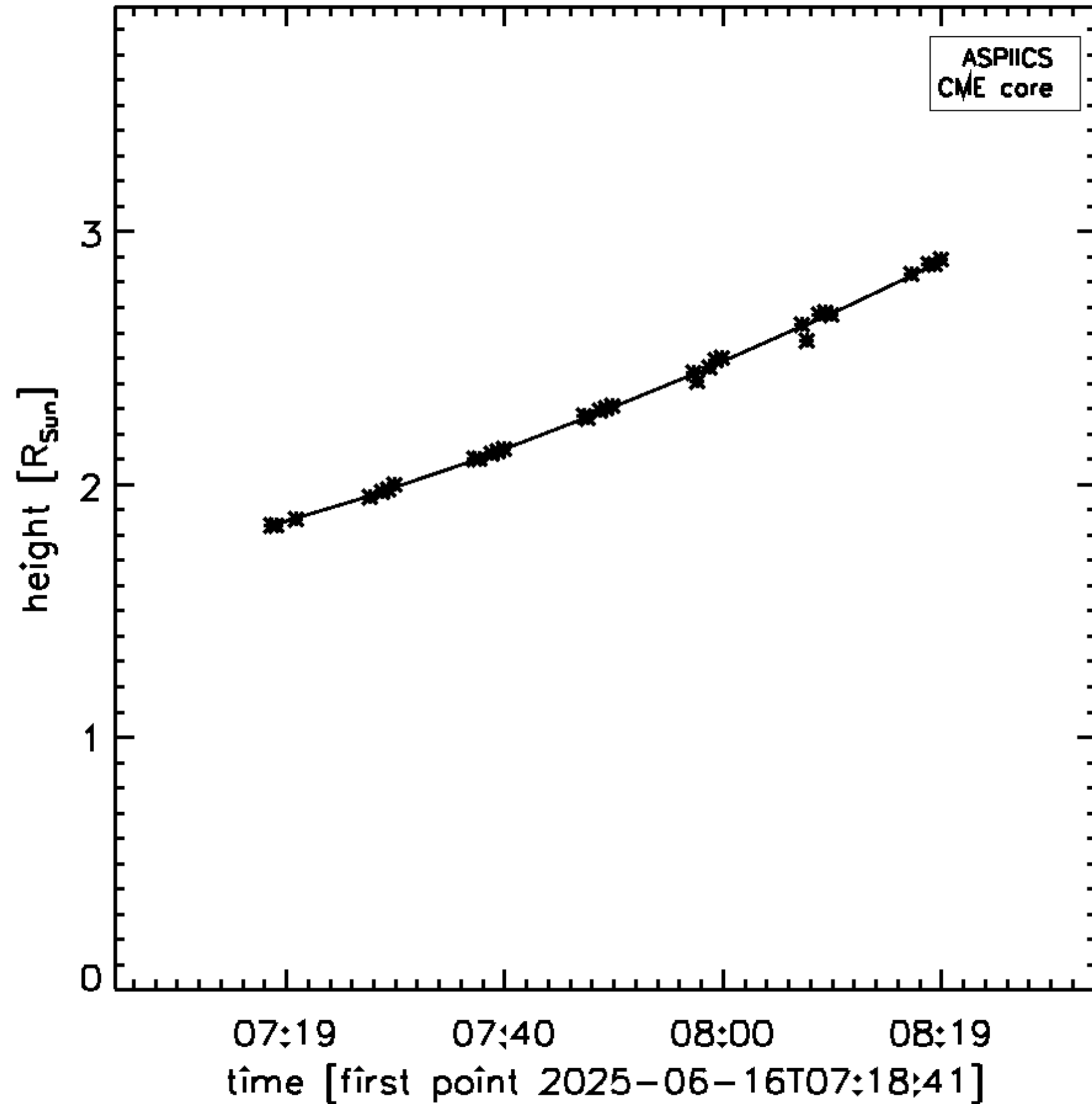
Kinematics - First Feature

The core of the CME - Core1



Kinematics

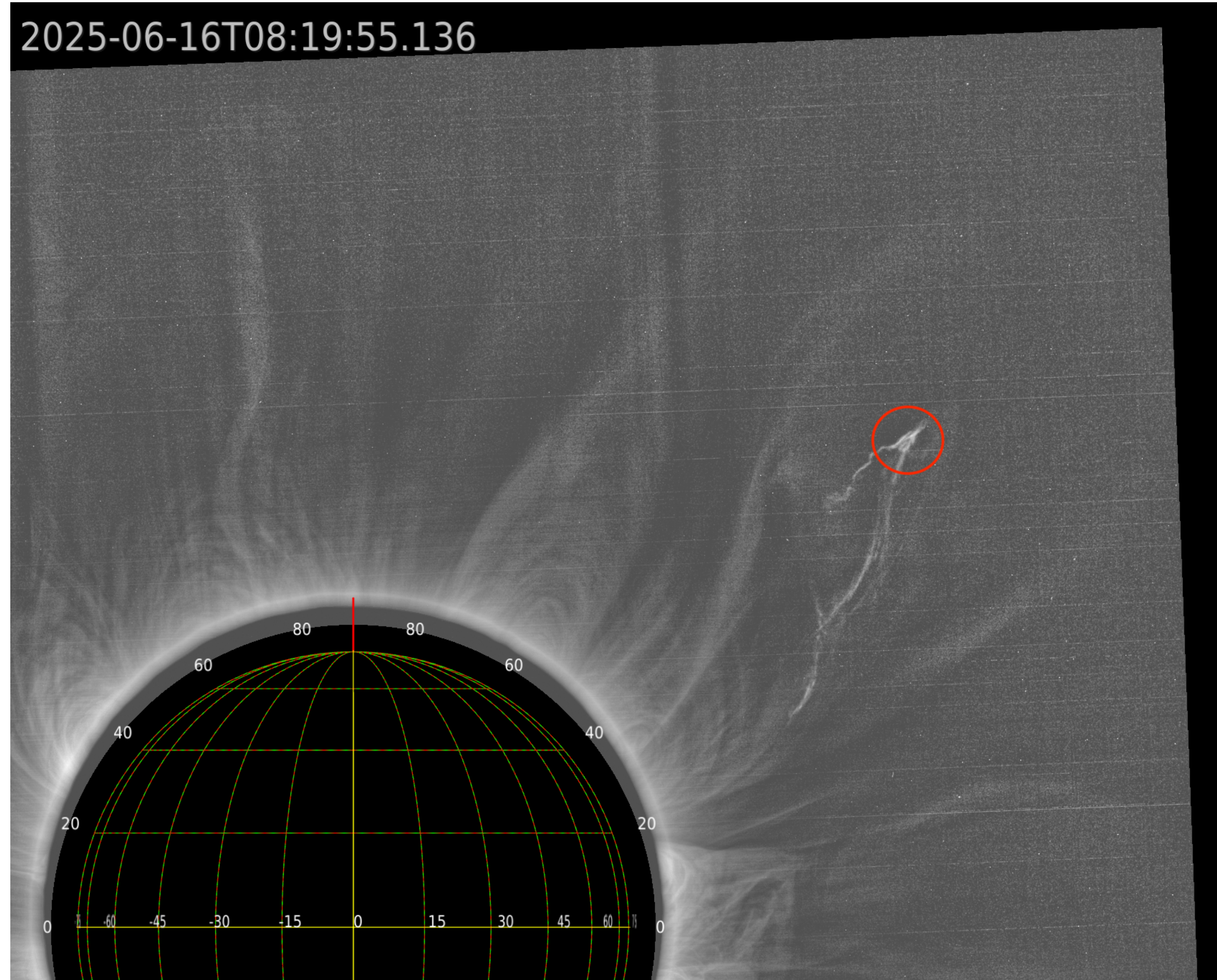
The core of the CME



- HT and Speed-time plots

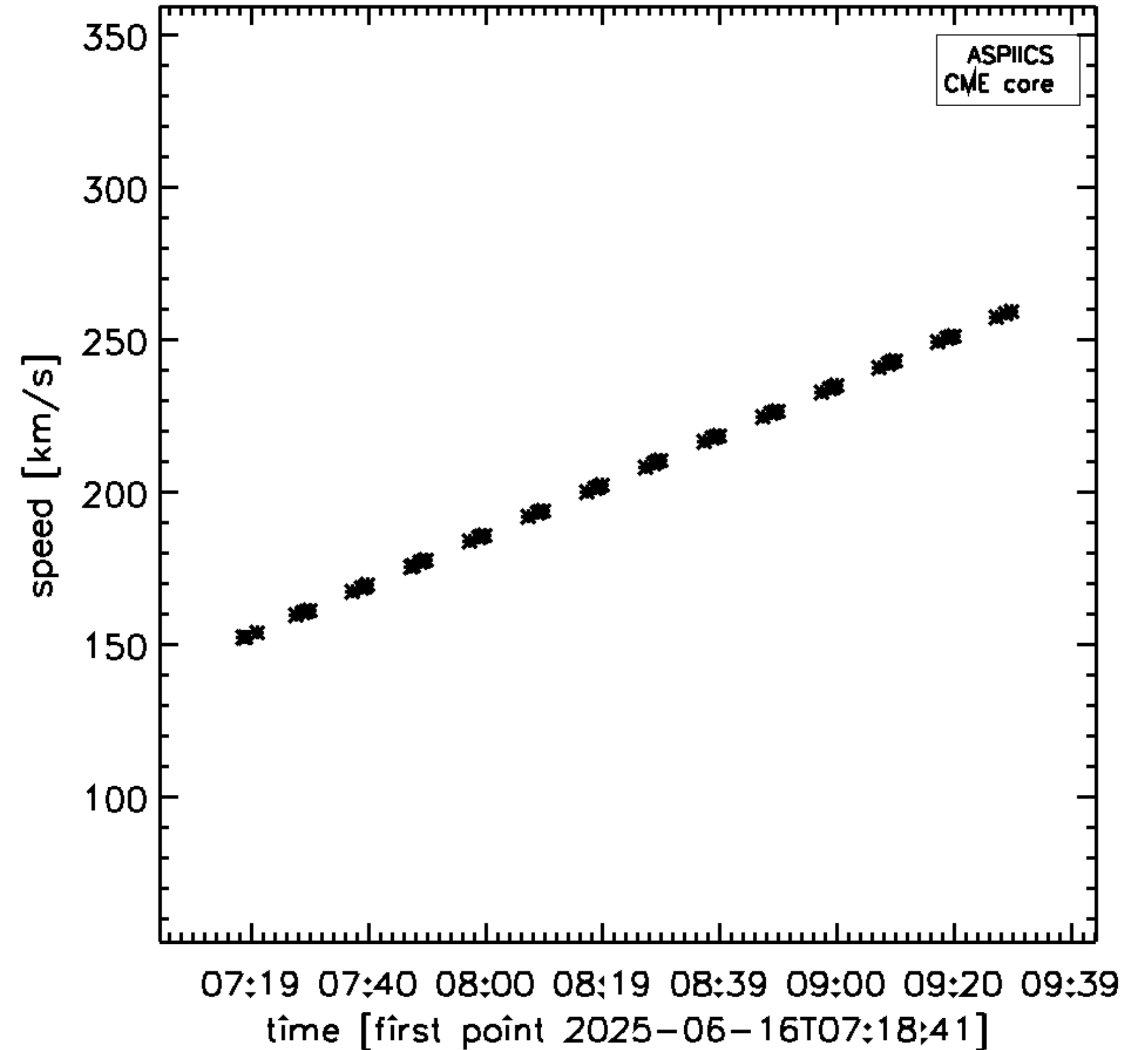
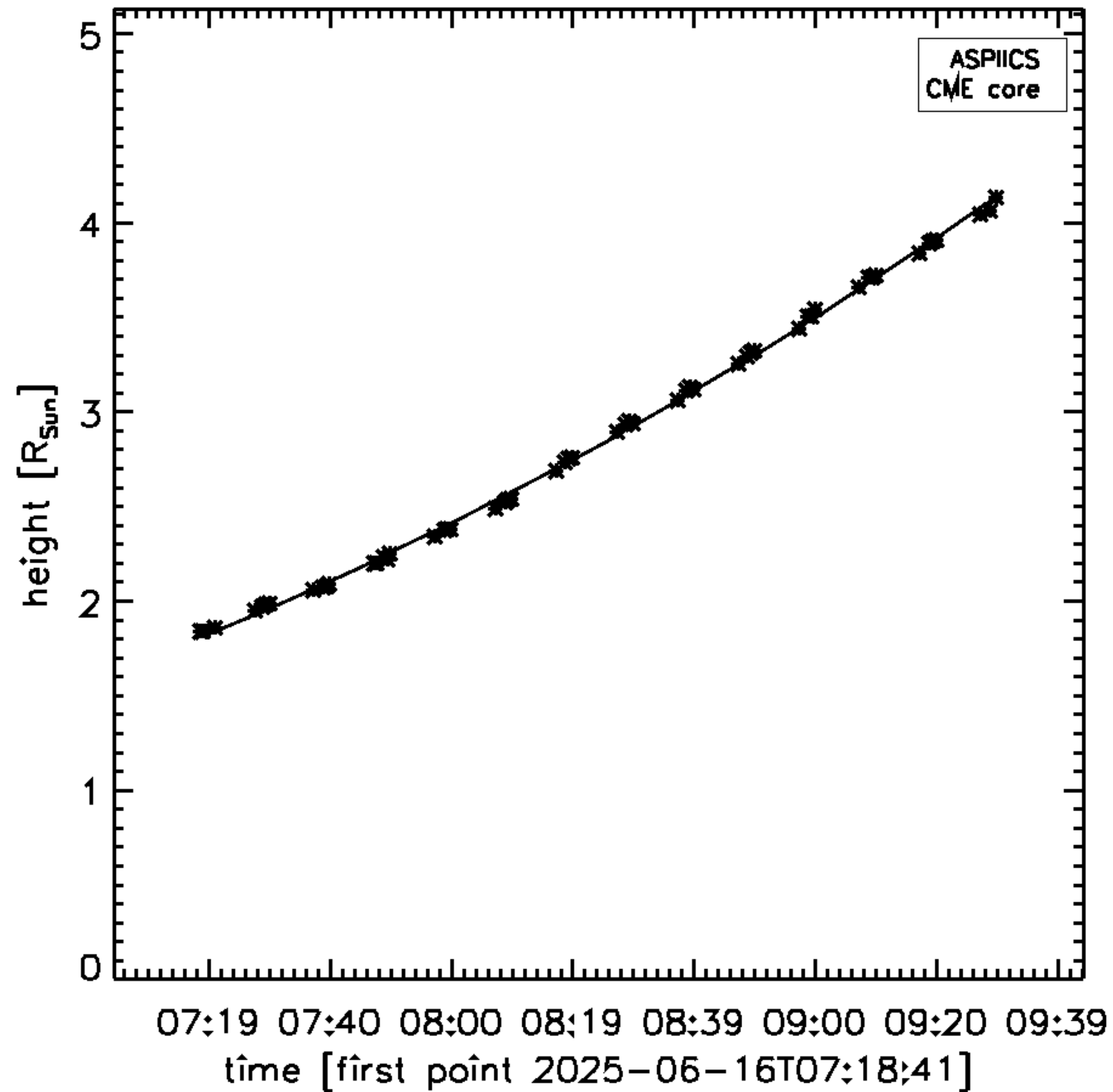
Kinematics - Second Feature

The core of the CME - Core2



Kinematics

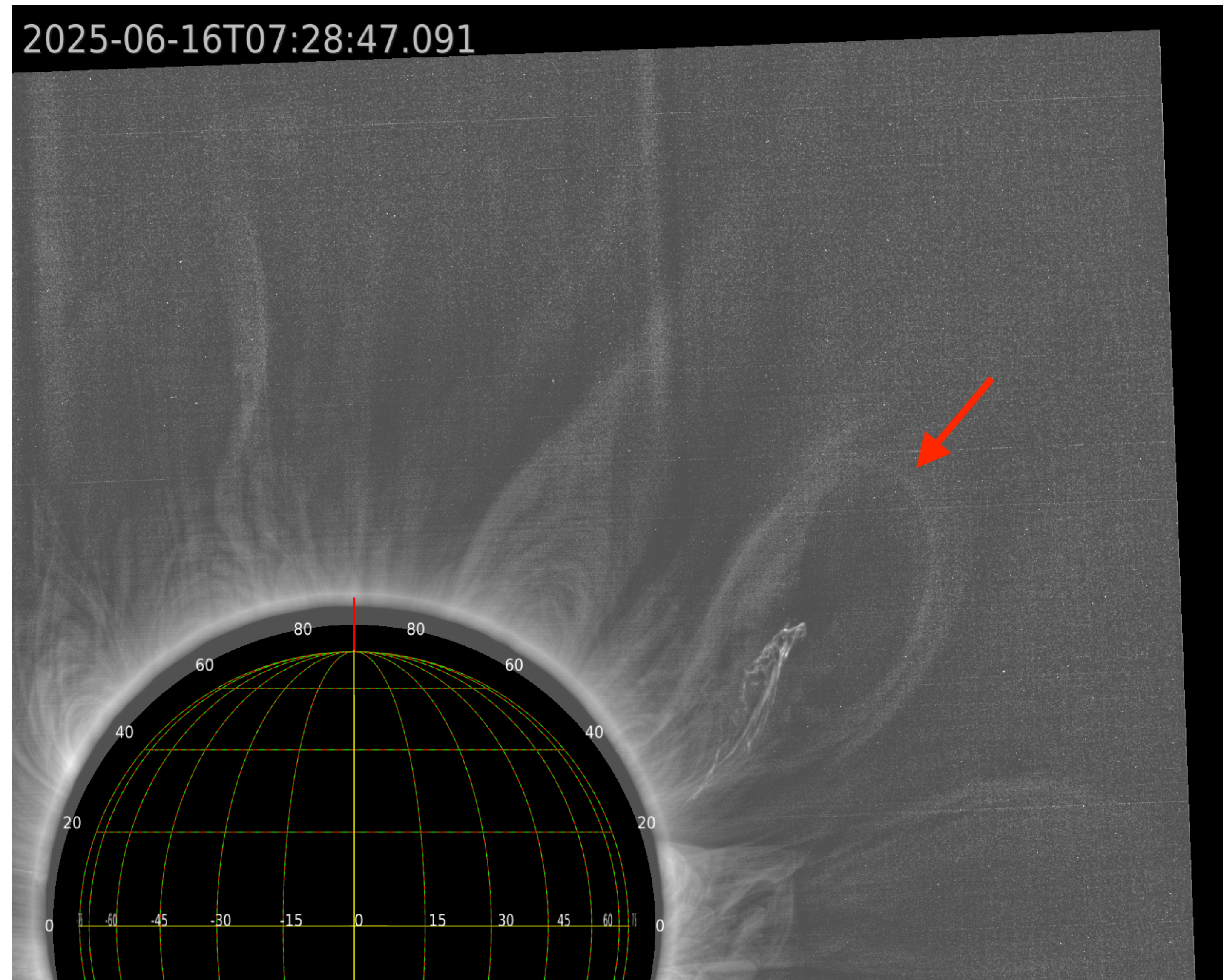
The core of the CME



- HT and Speed-time plots

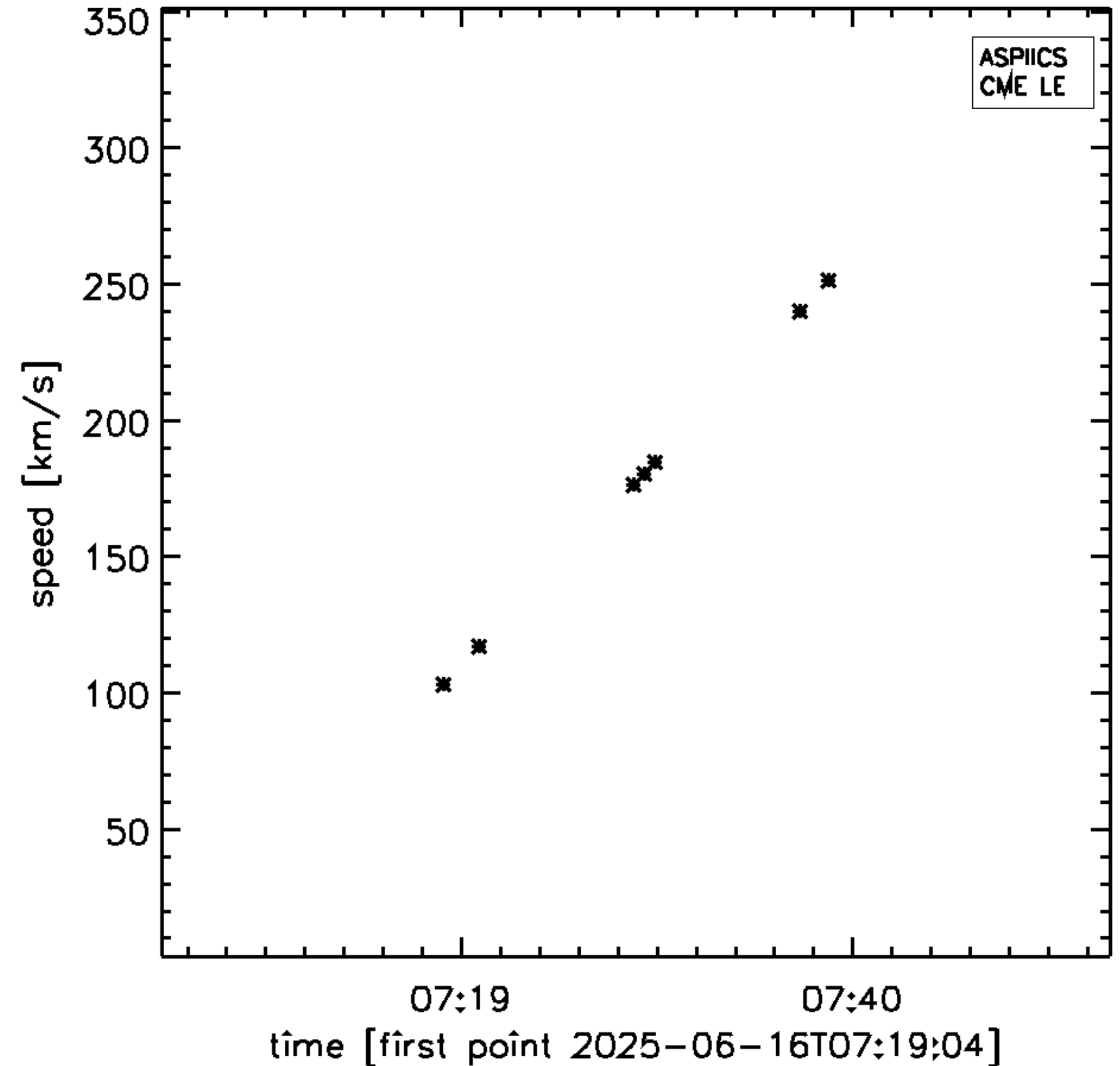
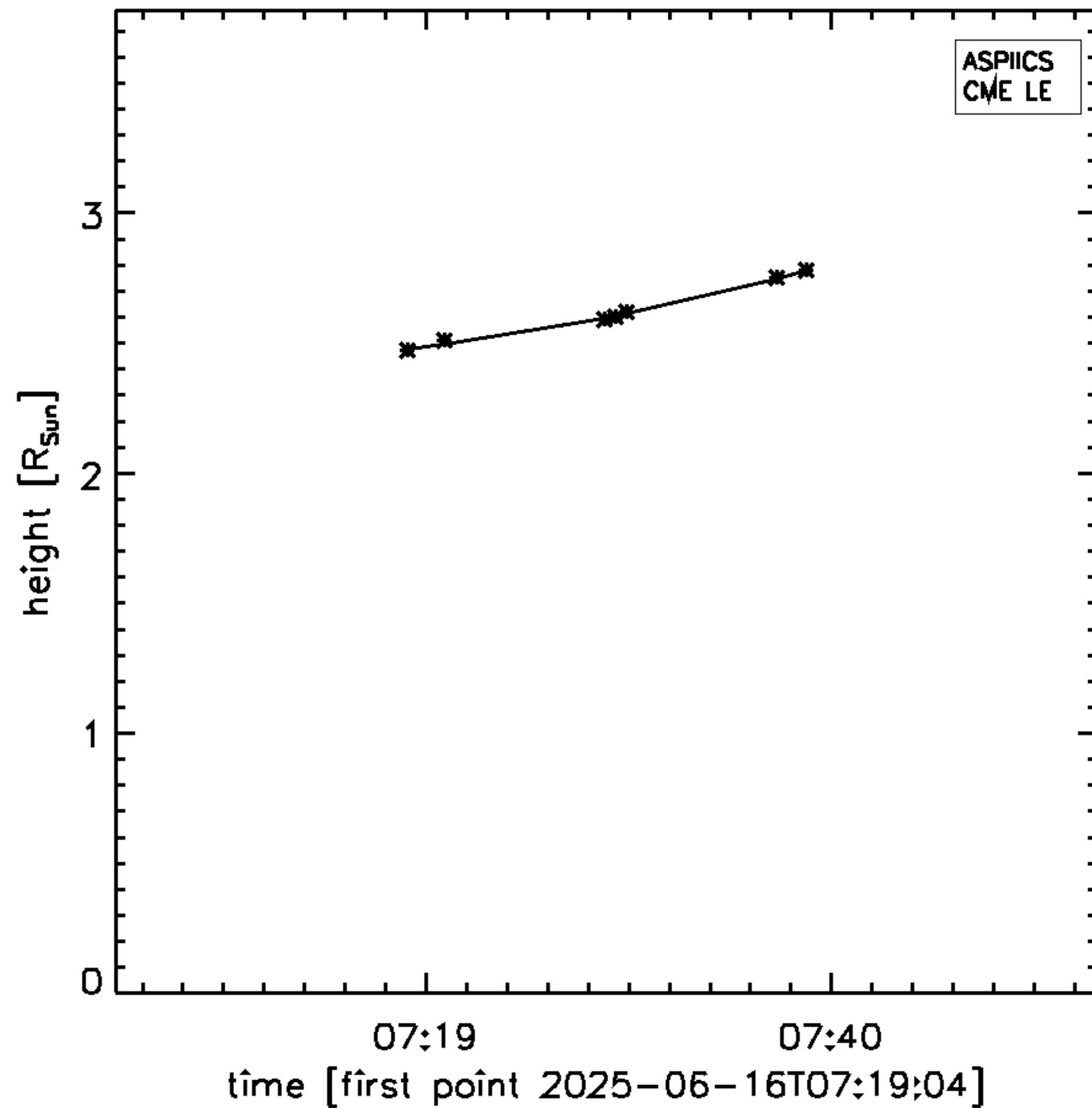
Kinematics - LE

CME LE



Kinematics

The LE of the CME



Thank you!