

This document was reviewed and approved for export, see Juno-Generic-15-001

## **Juno Wiggle Plots Zoomed about PJ for PJ01-PJ76**

Created 2024-01-18 by Marty Brennan

Juno trajectory in VIP4 Magnetic Dipole Coordinates

X-axis: Rho (R<sub>j</sub>) distance from magnetic axis

Z-axis: Z (R<sub>j</sub>) distance from magnetic equator

Magnetic field lines modeled using JRM33 + Con2020

M-shells of 5, 10, 15, 20, 30, 40, 50 R<sub>j</sub>

Kernels Used:

PJ01-PJ56: Reconstructed kernels

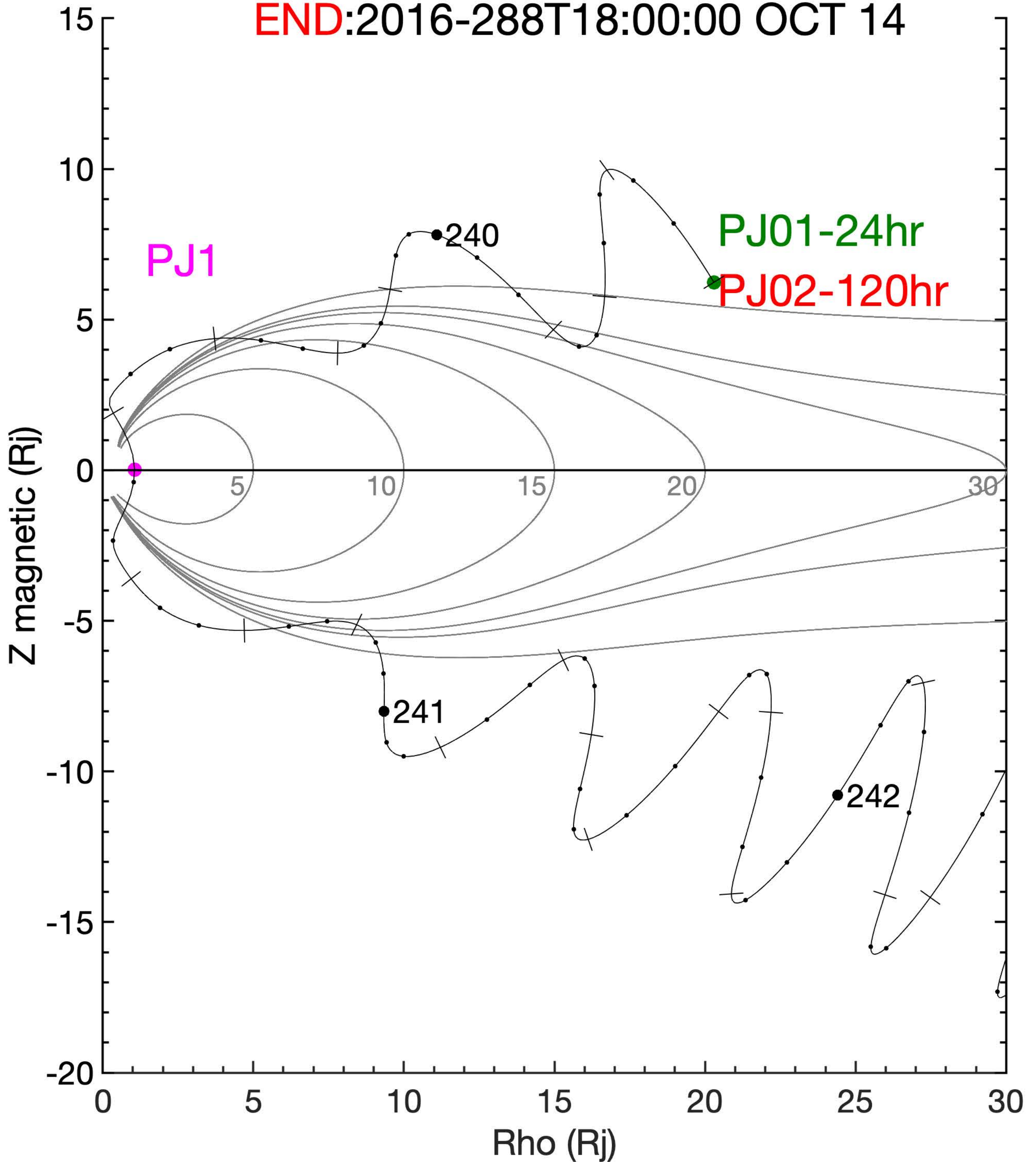
PJ57-PJ76: Reference 231110 SPK

(spk\_ref\_231110\_251016\_231110.bsp)

This document has been reviewed and determined not to contain export-controlled technical data

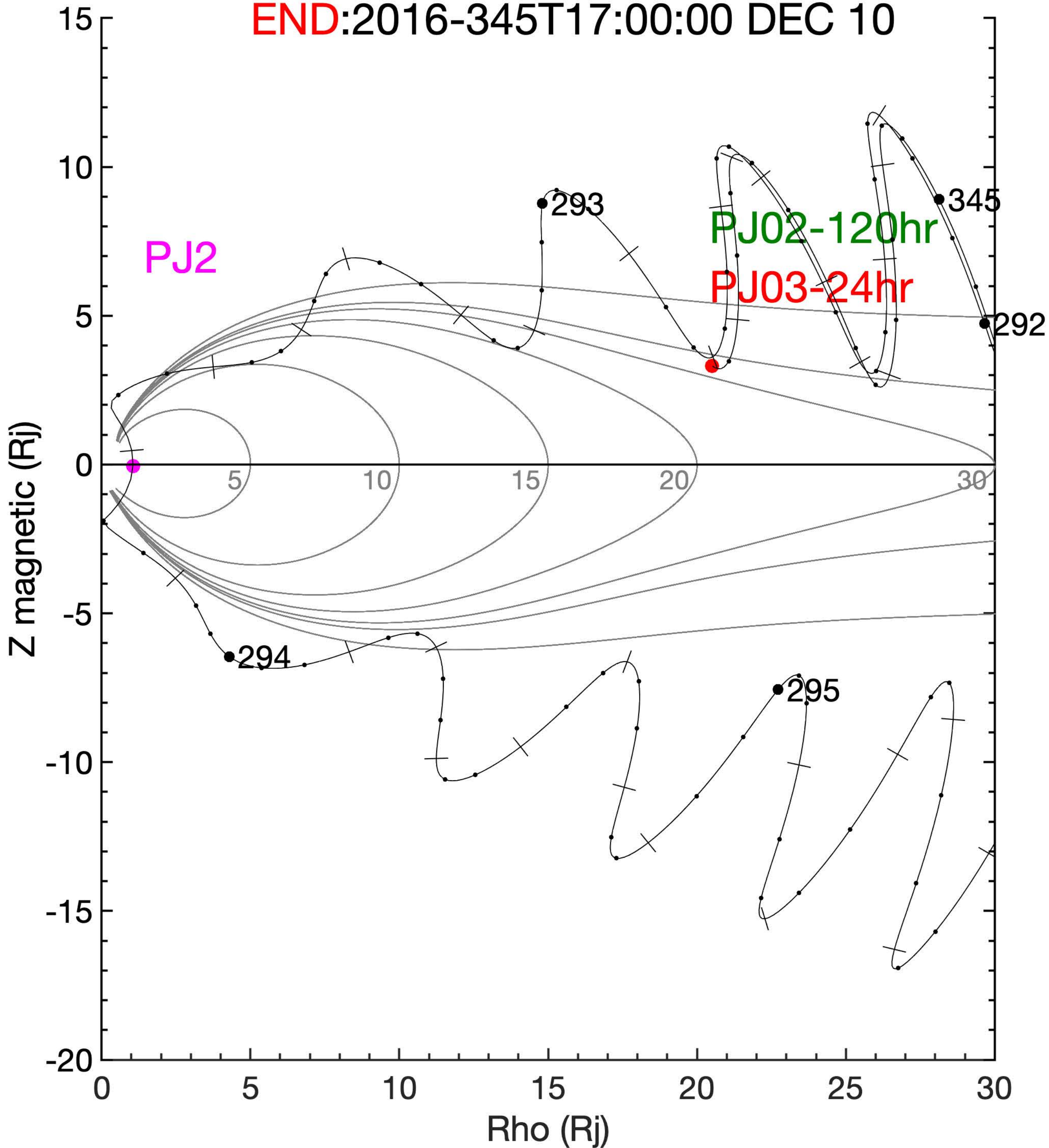
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**END:2016-288T18:00:00 OCT 14**



**START:2016-288T18:00:00 OCT 14**

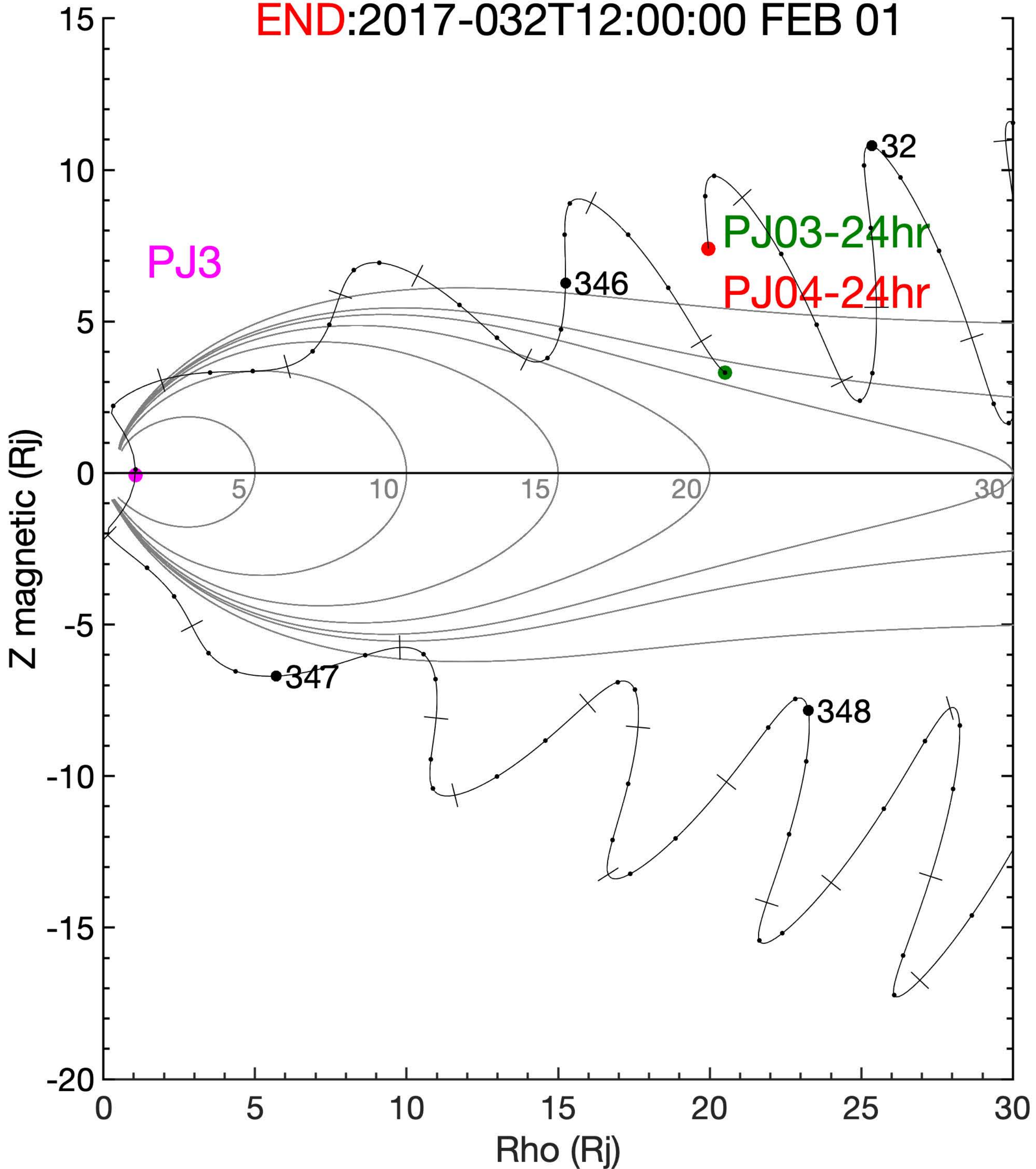
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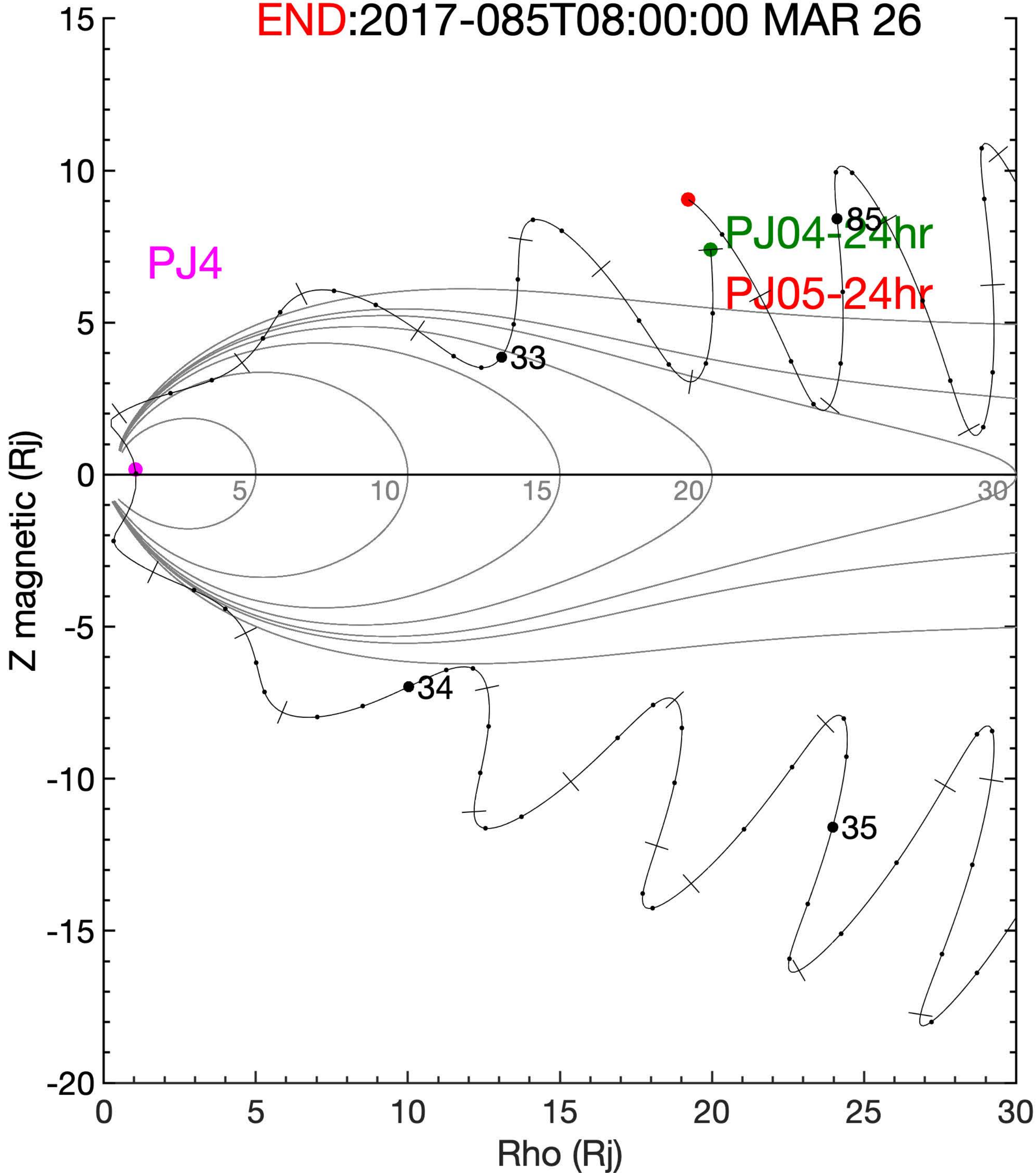
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**END:2017-032T12:00:00 FEB 01**



**START:2017-032T12:00:00 FEB 01**

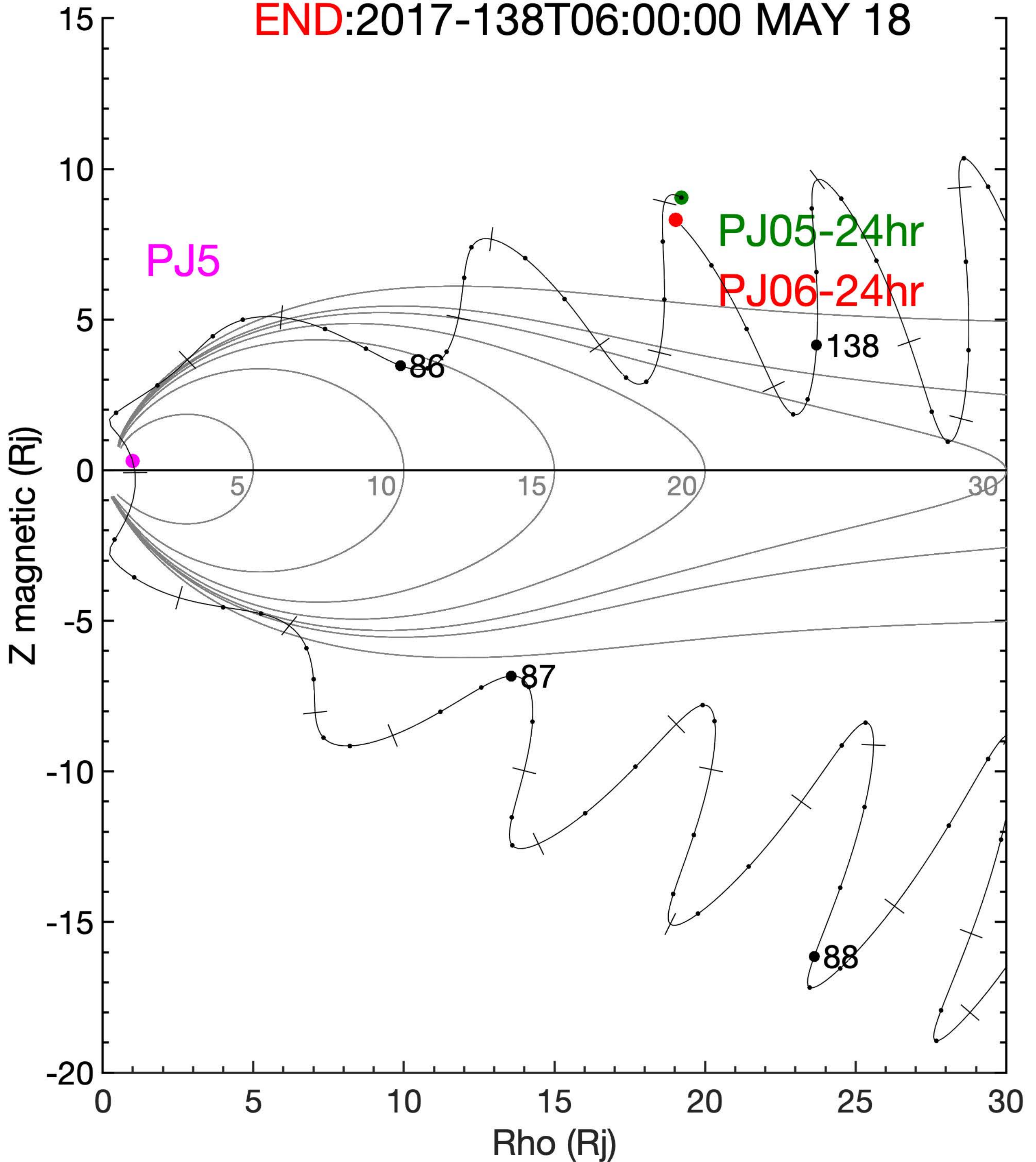
**END:2017-085T08:00:00 MAR 26**





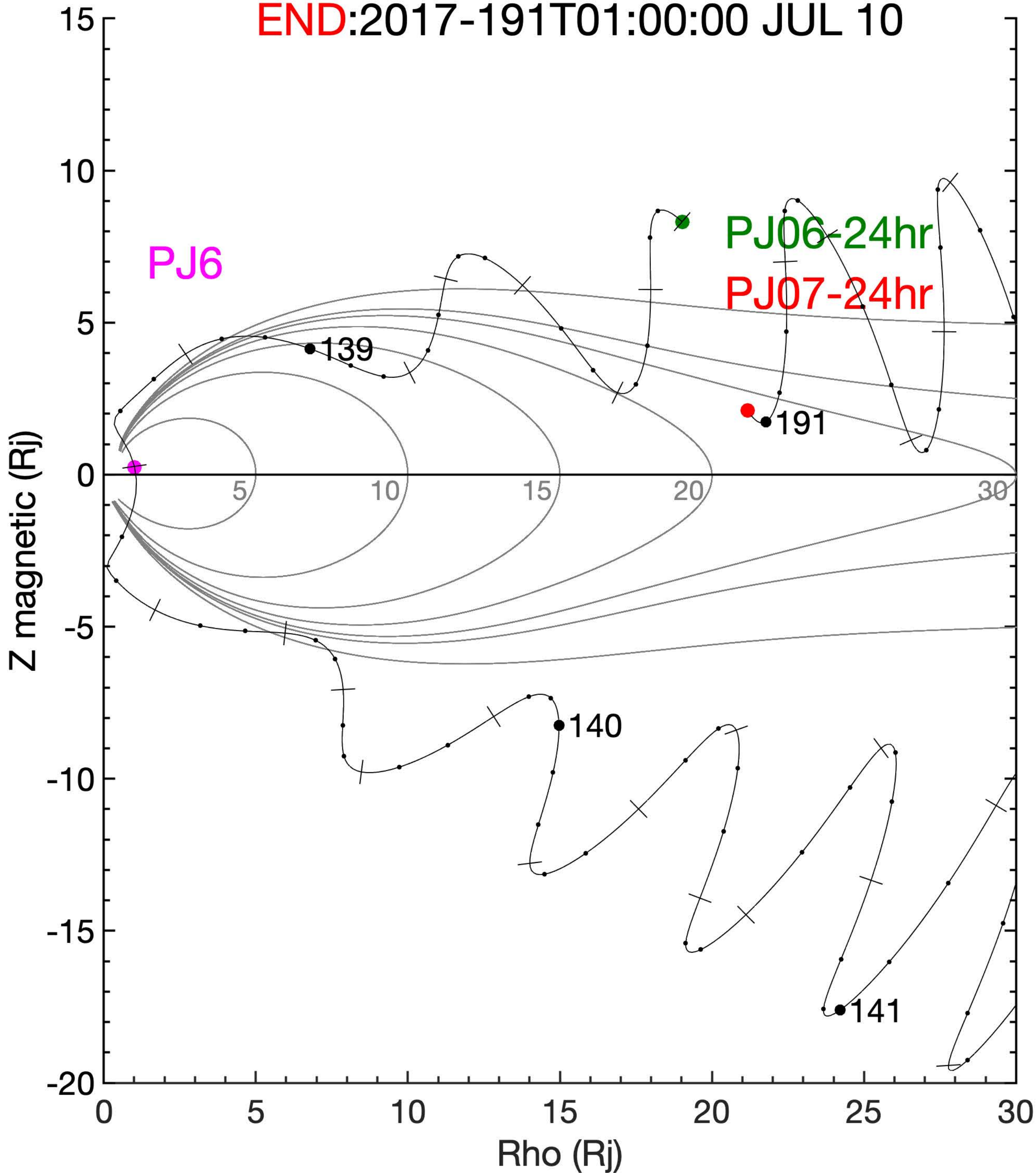
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**END:2017-138T06:00:00 MAY 18**



**START:2017-138T06:00:00 MAY 18**

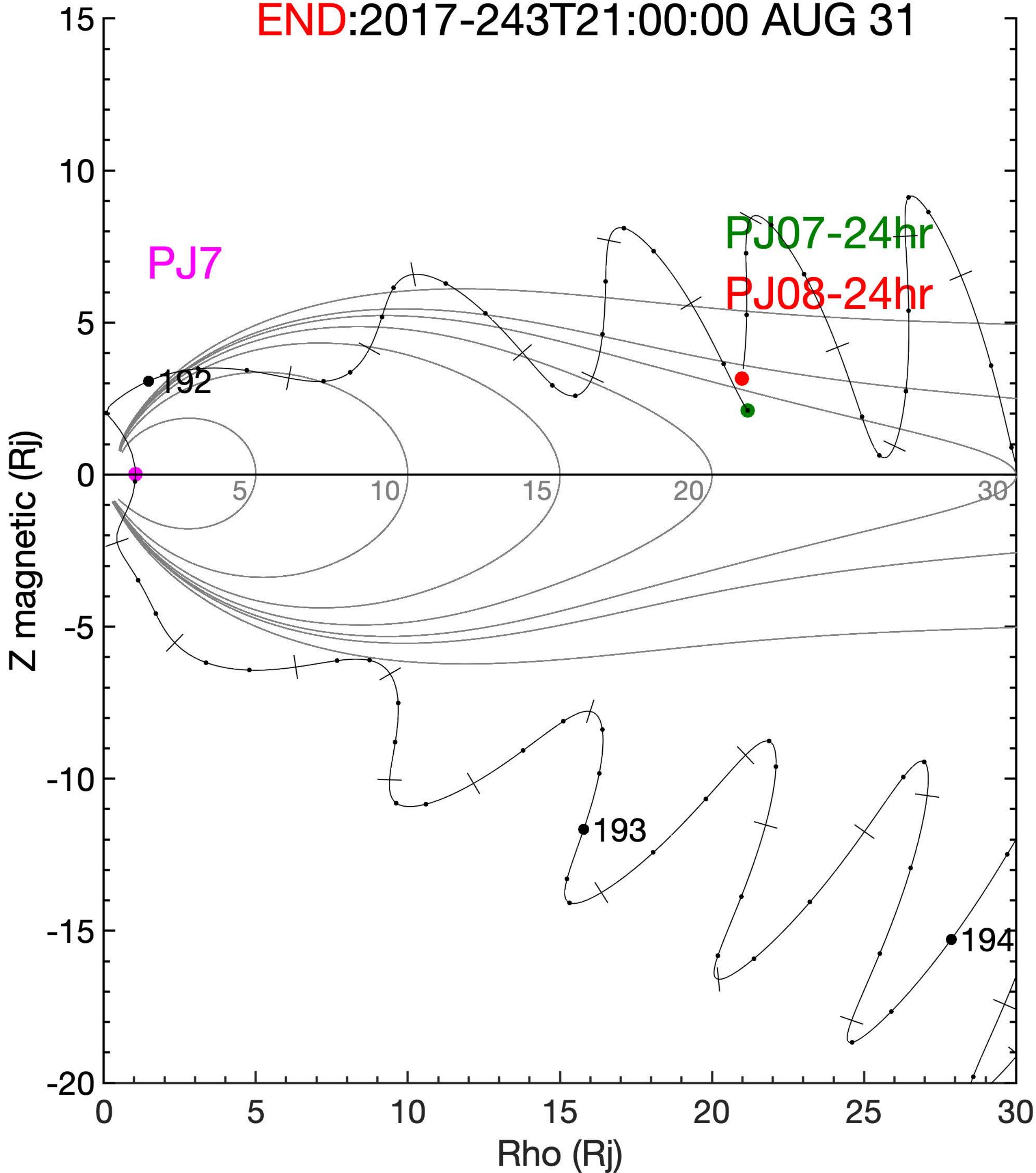
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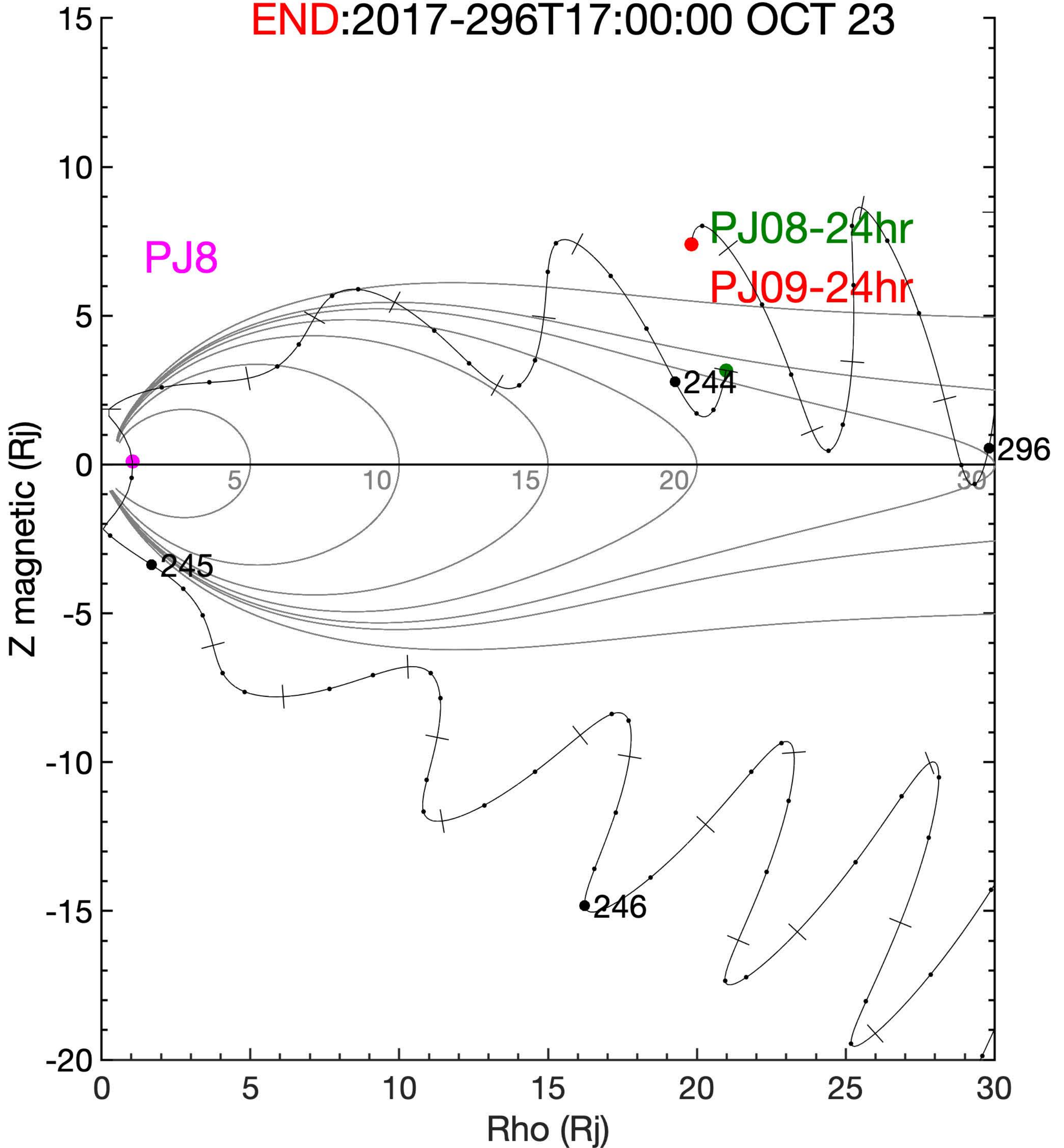
**END:2017-243T21:00:00 AUG 31**





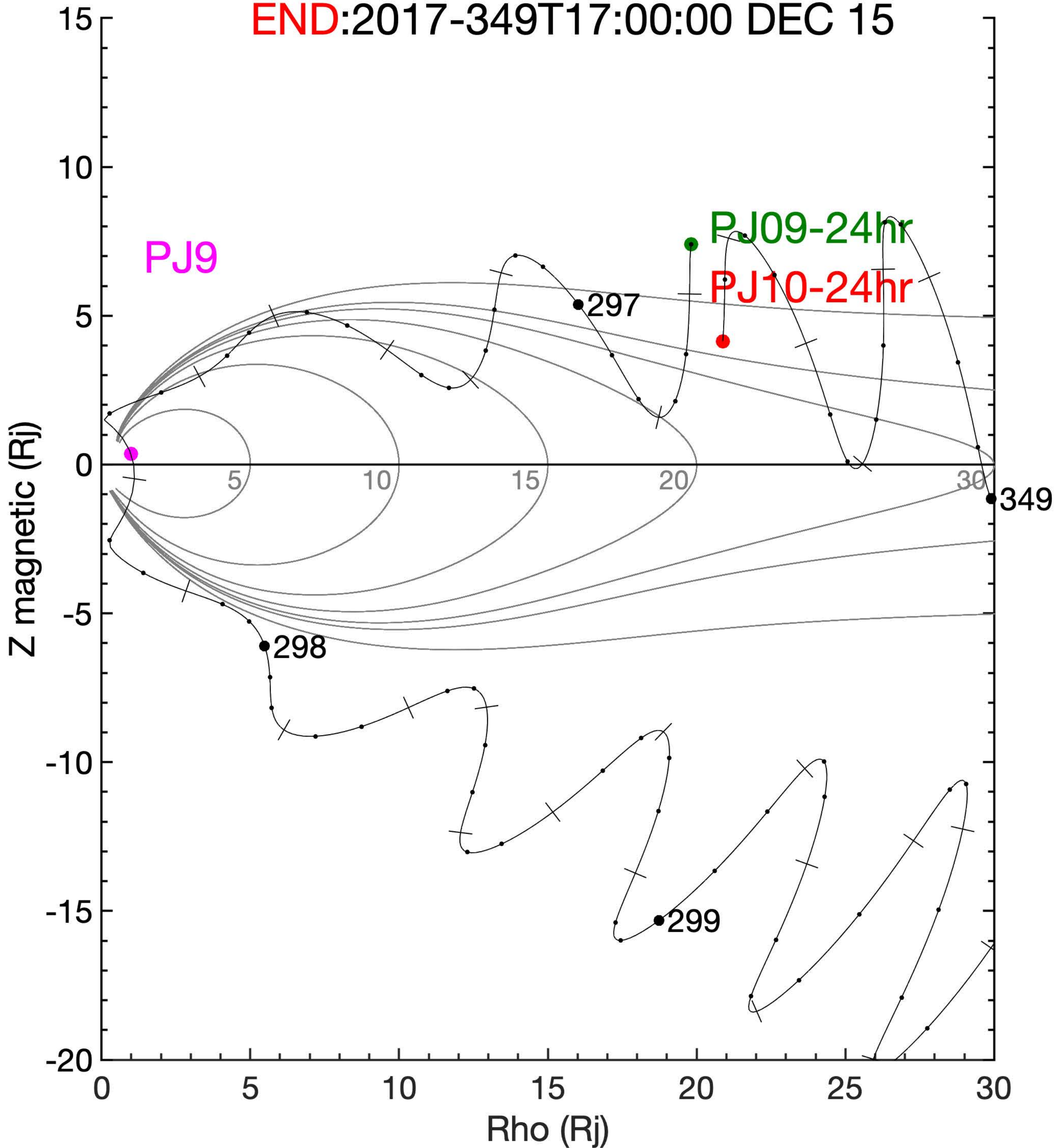
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**END:2017-296T17:00:00 OCT 23**



**START:2017-296T17:00:00 OCT 23**

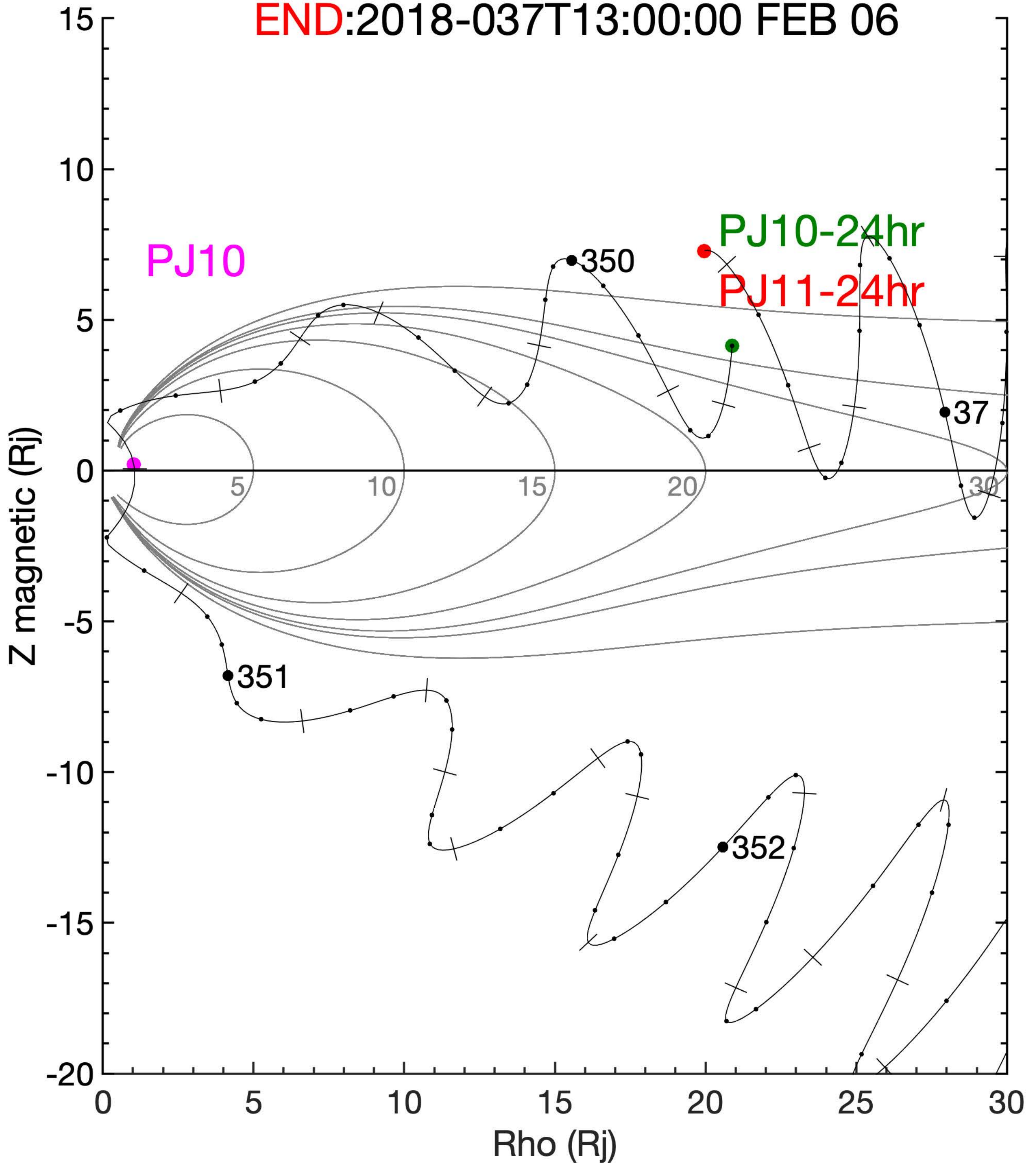
**END:2017-349T17:00:00 DEC 15**





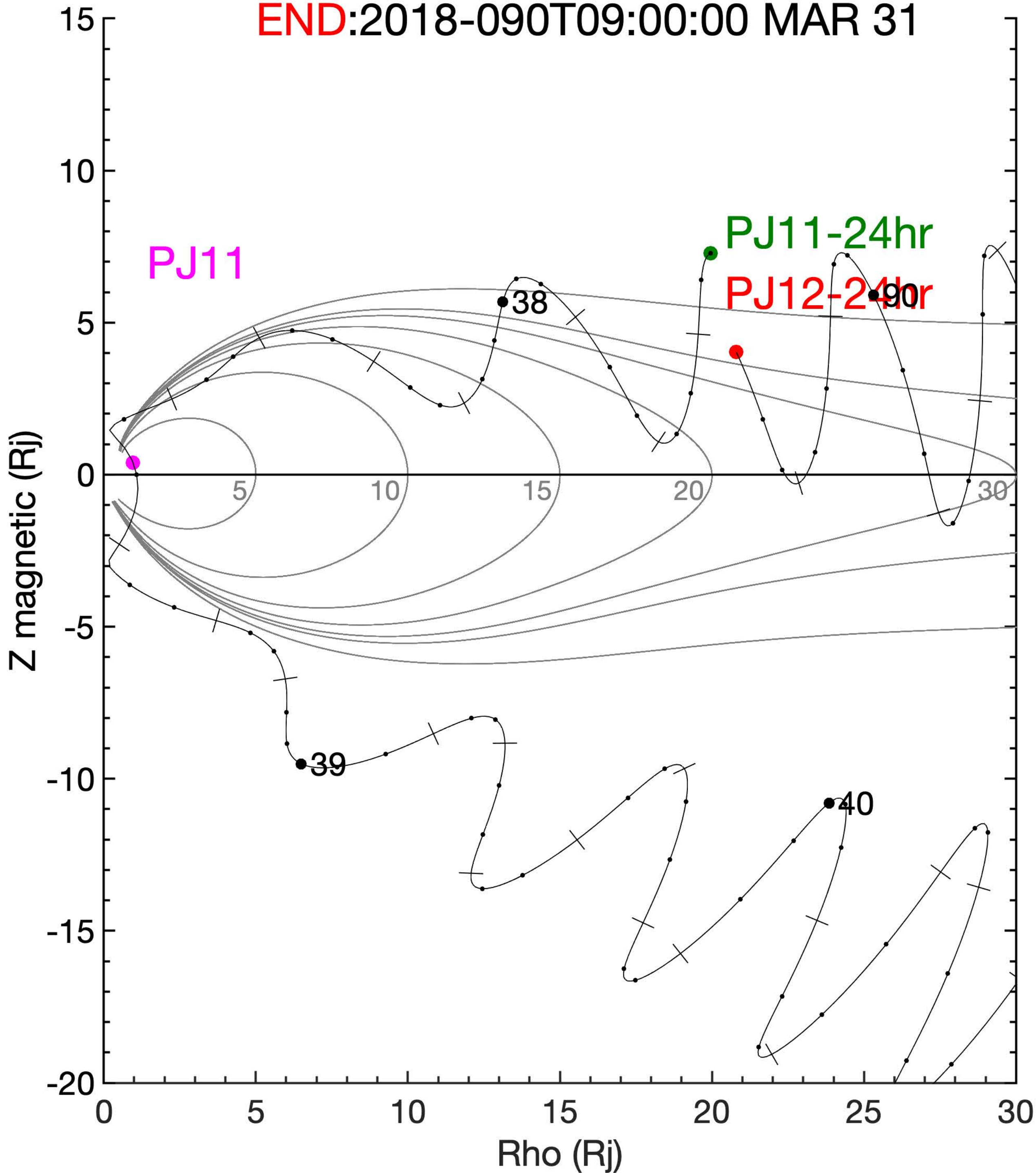
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**END:2018-037T13:00:00 FEB 06**



**START:2018-037T13:00:00 FEB 06**

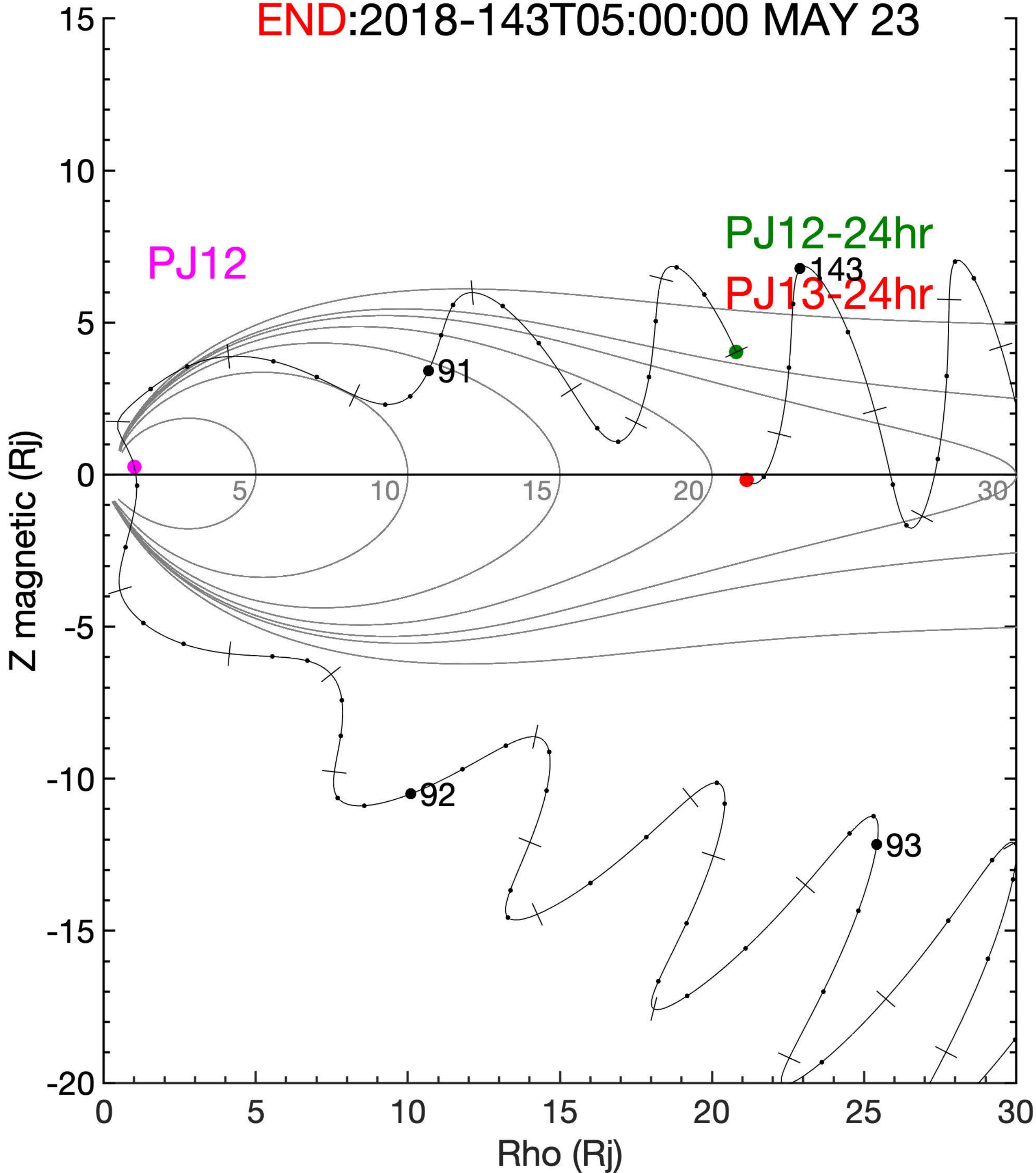
**END:2018-090T09:00:00 MAR 31**





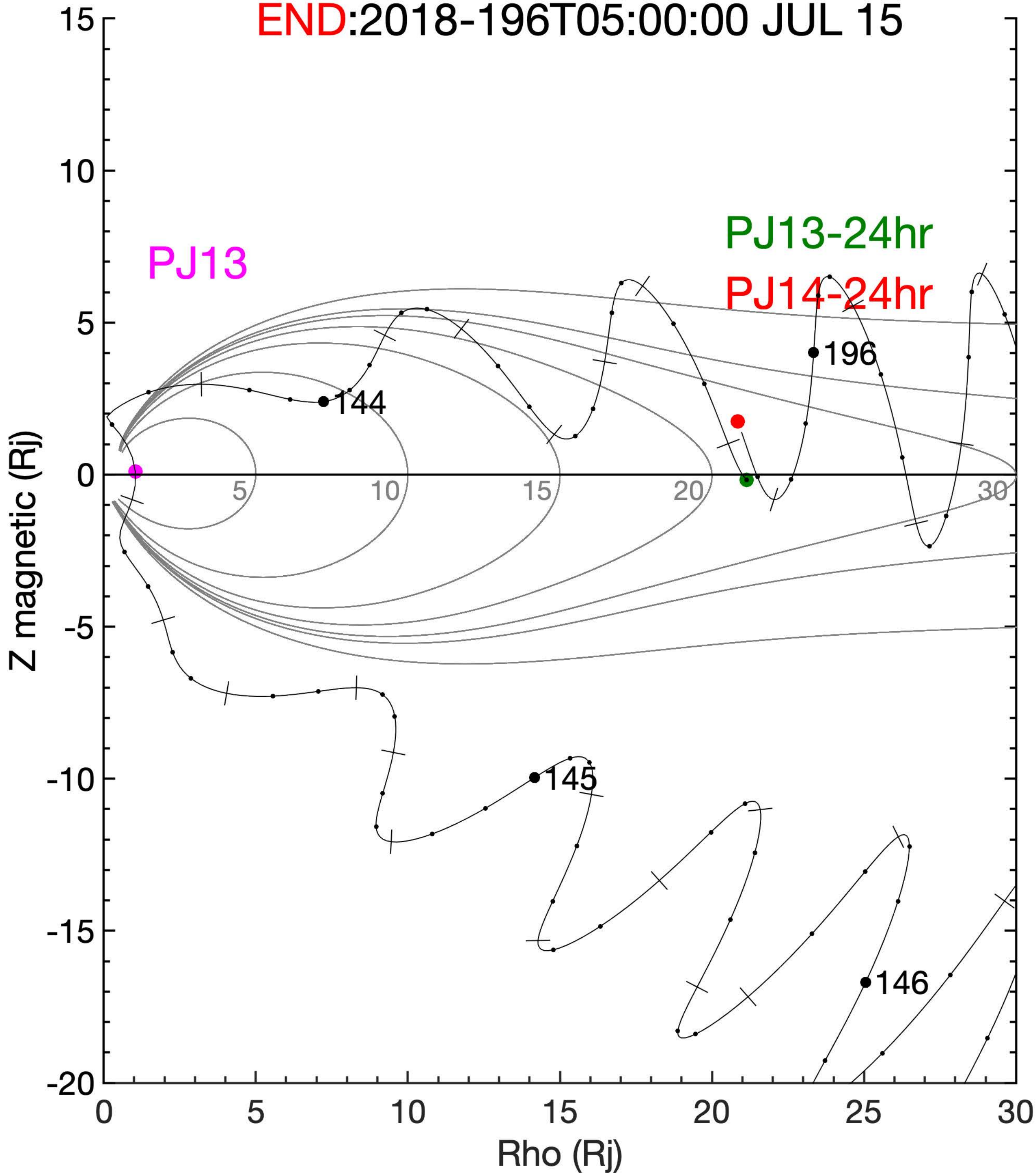
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**END:2018-143T05:00:00 MAY 23**



**START:2018-143T05:00:00 MAY 23**

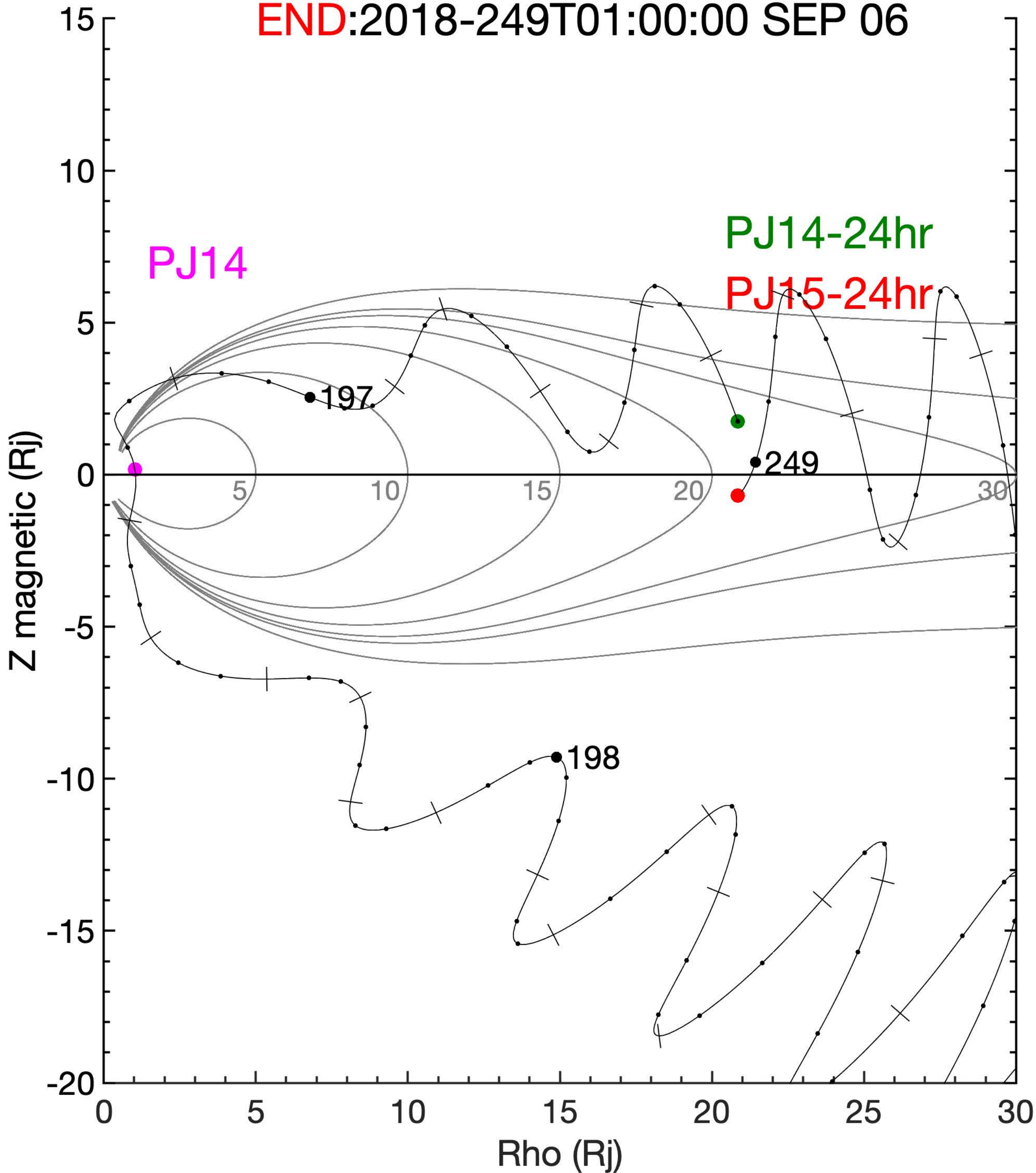
**END:2018-196T05:00:00 JUL 15**





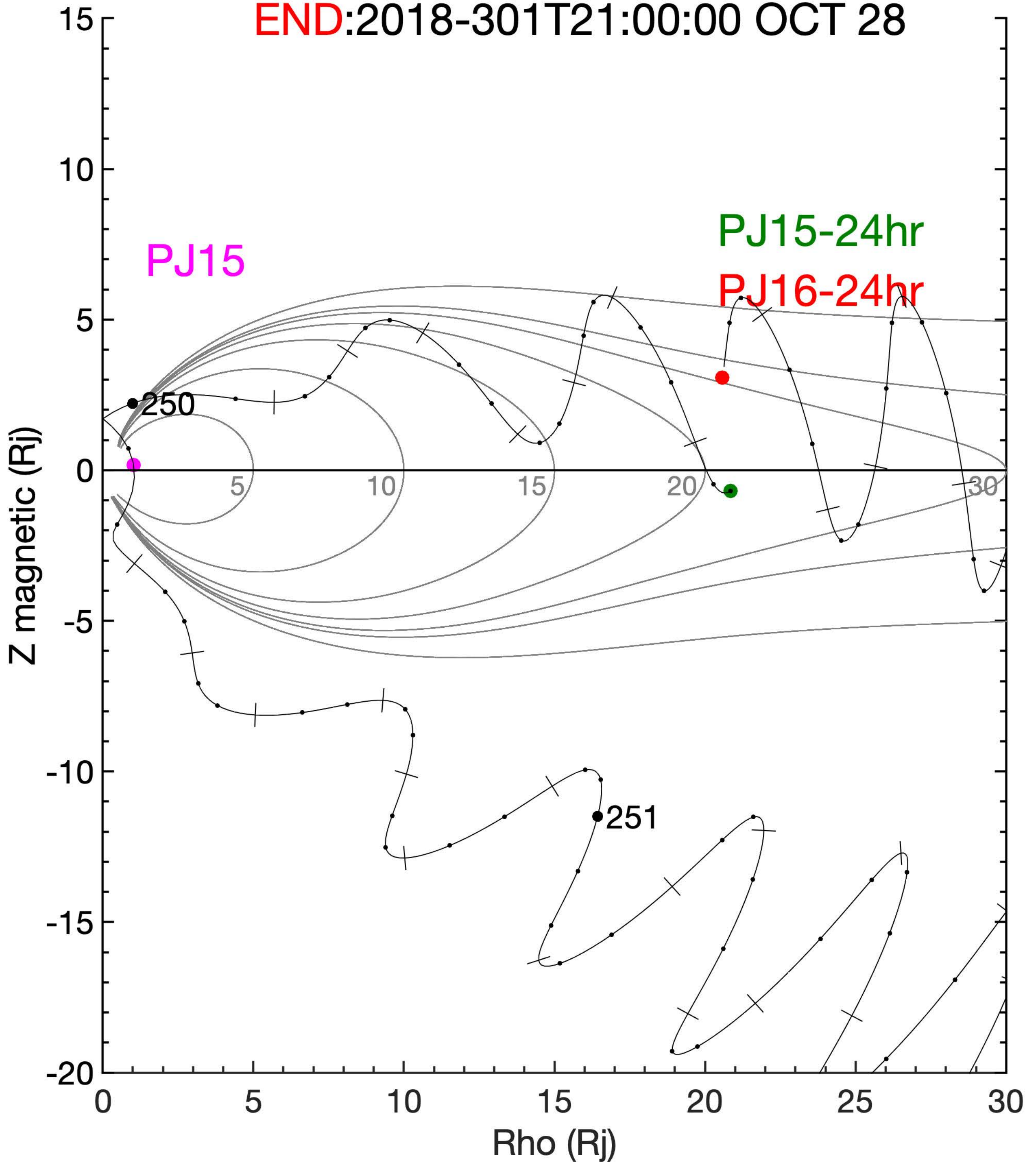
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**END:2018-249T01:00:00 SEP 06**



**START:2018-249T01:00:00 SEP 06**

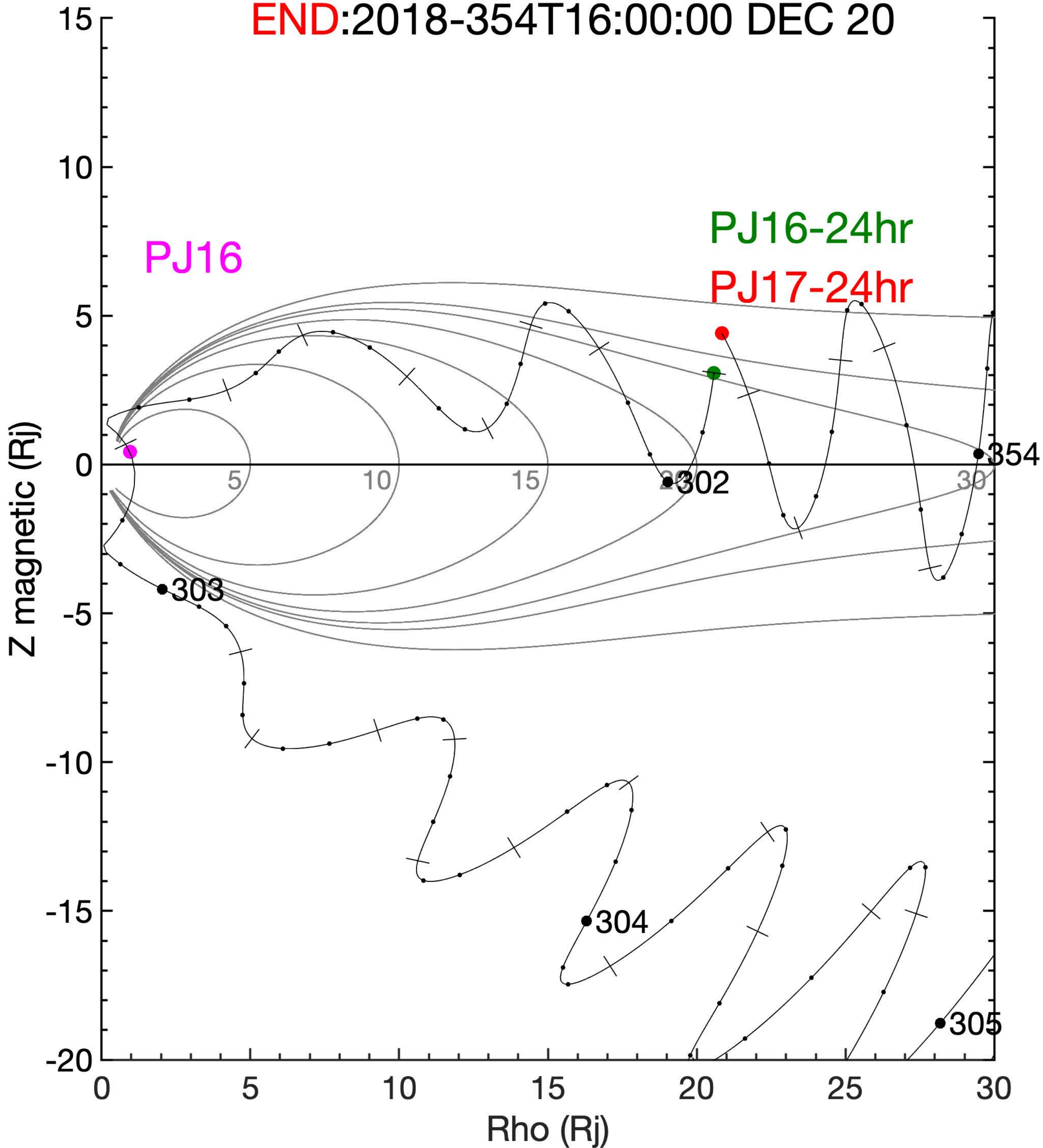
**END:2018-301T21:00:00 OCT 28**





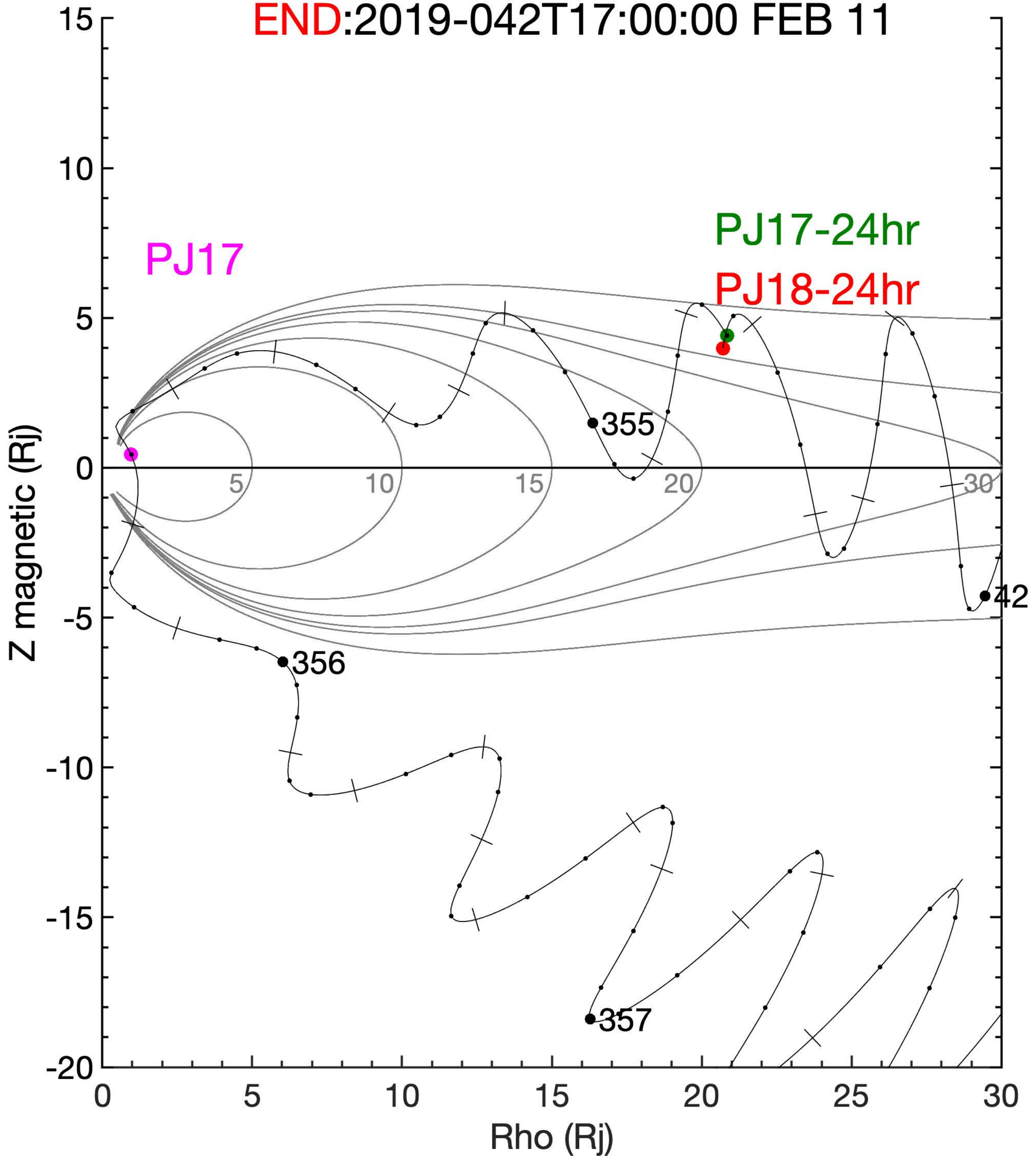
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**END:2018-354T16:00:00 DEC 20**



**START:2018-354T16:00:00 DEC 20**

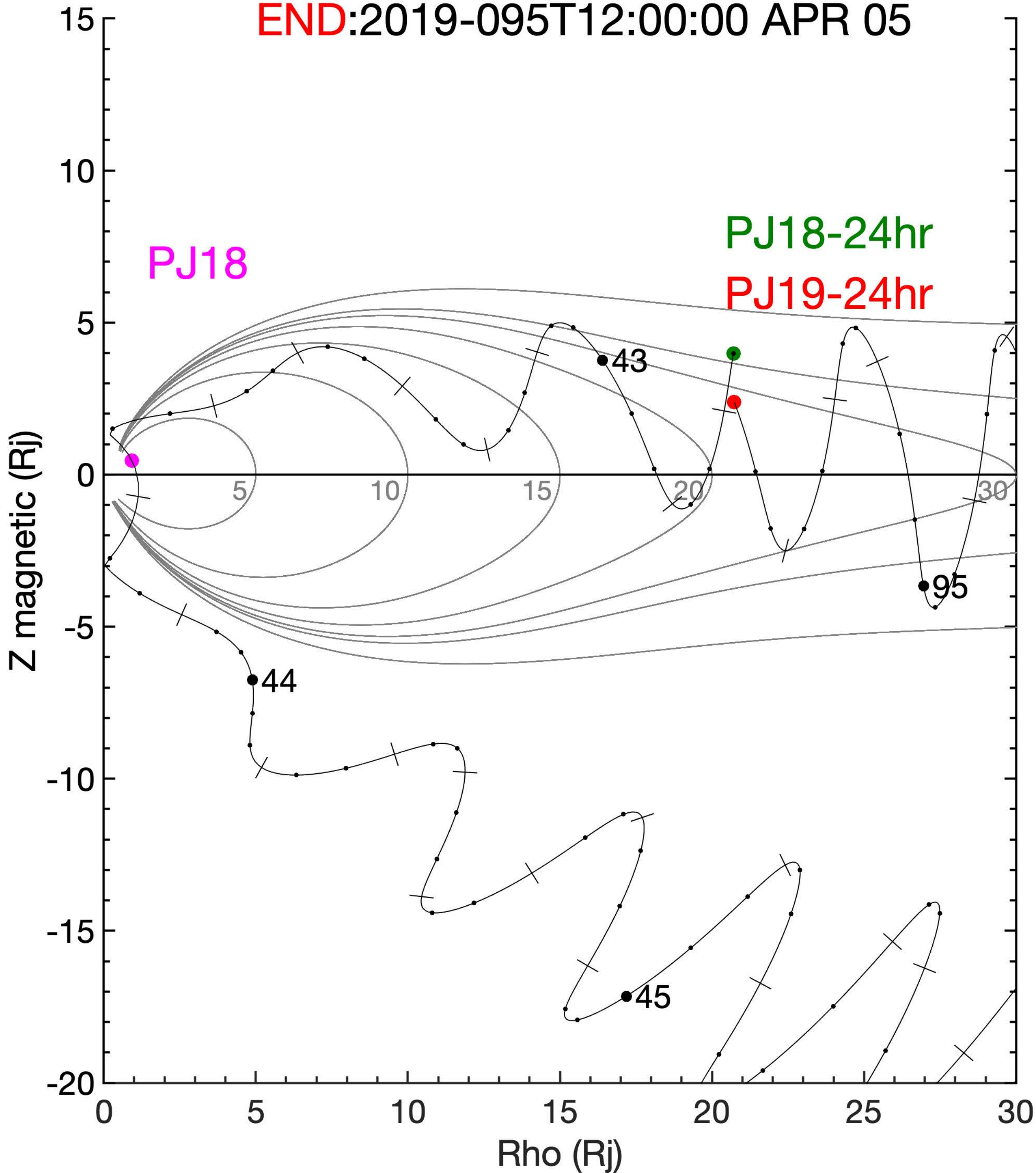
**END:2019-042T17:00:00 FEB 11**





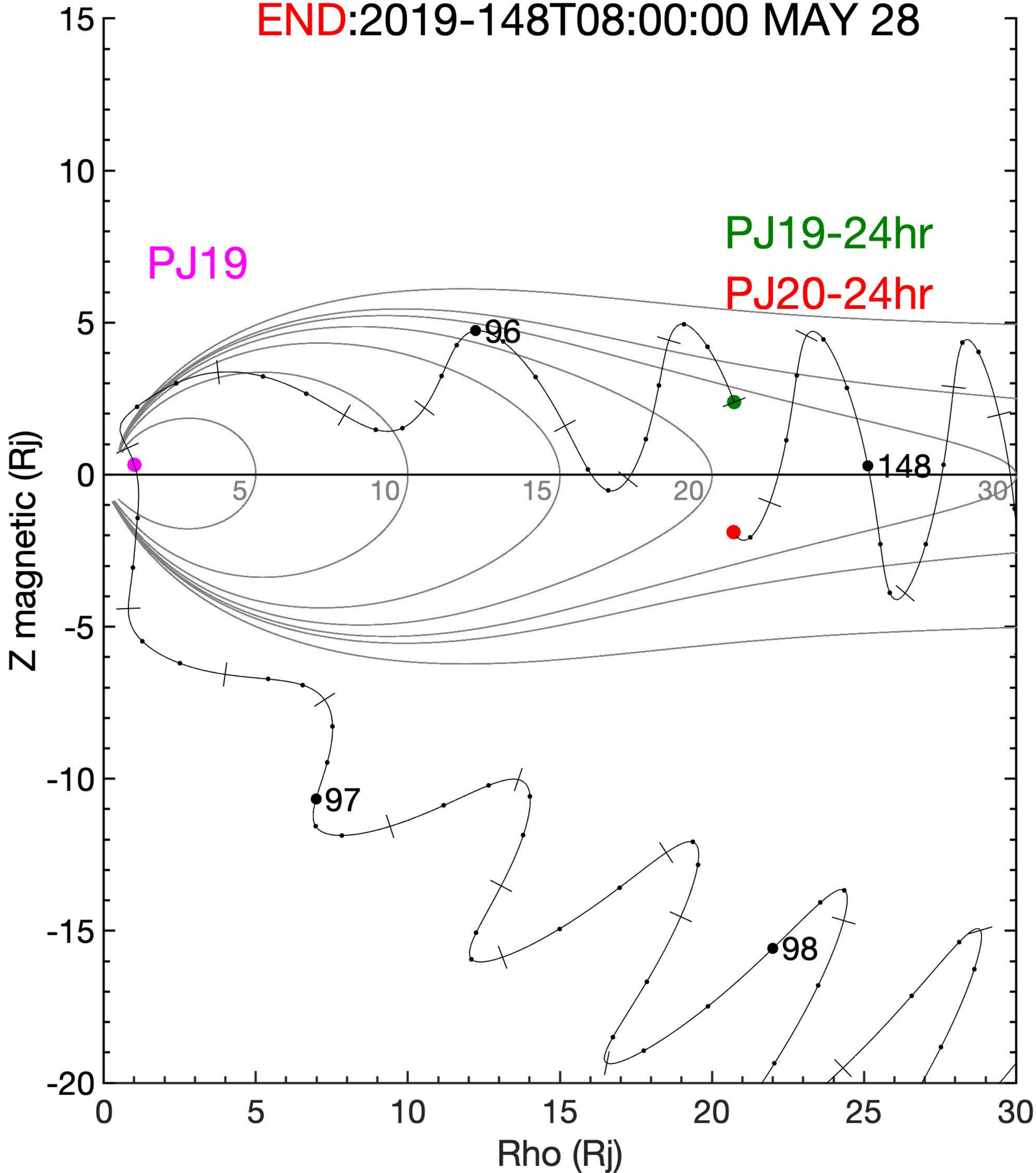
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**END:2019-095T12:00:00 APR 05**



**START:2019-095T12:00:00 APR 05**

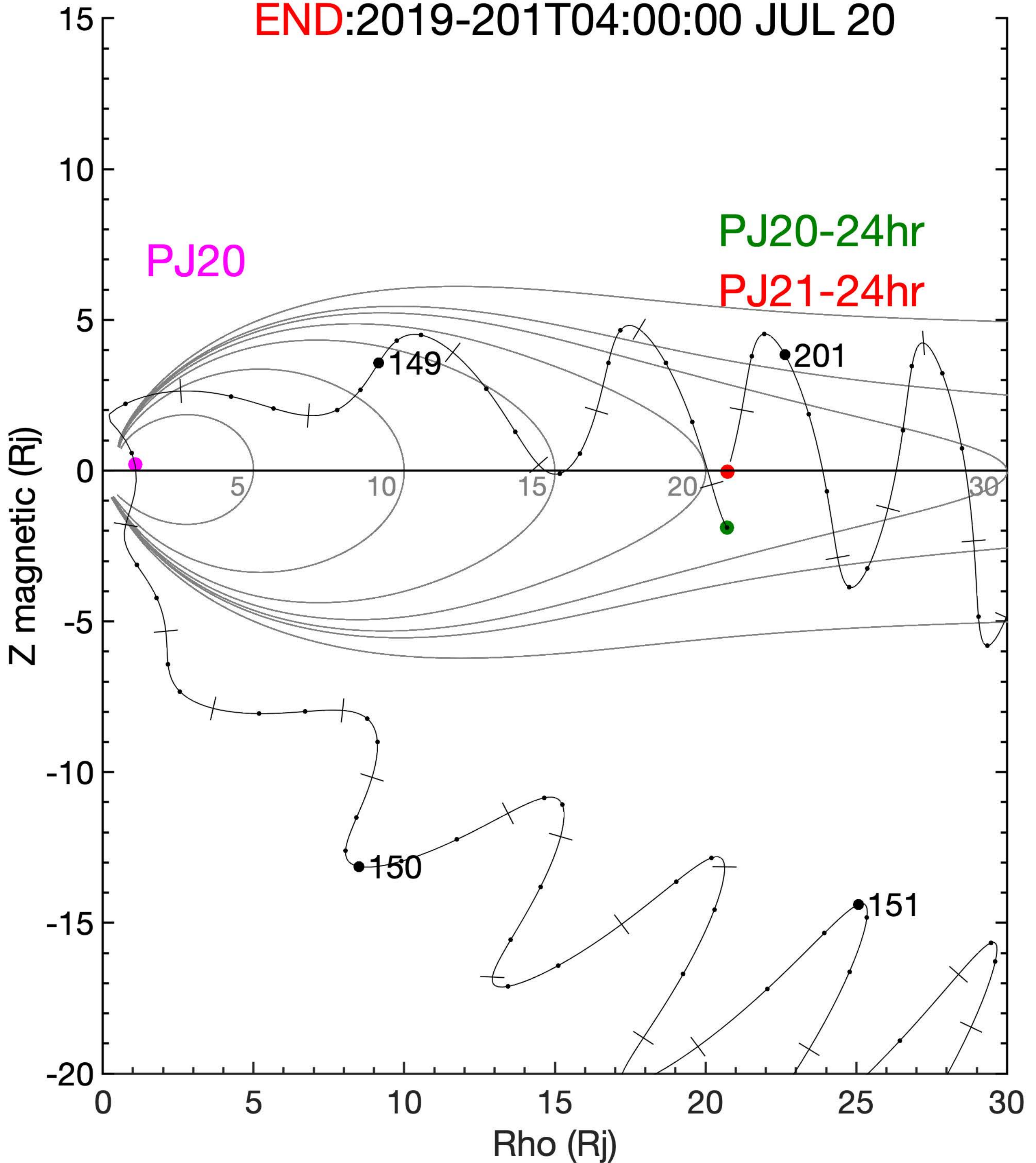
**END:2019-148T08:00:00 MAY 28**





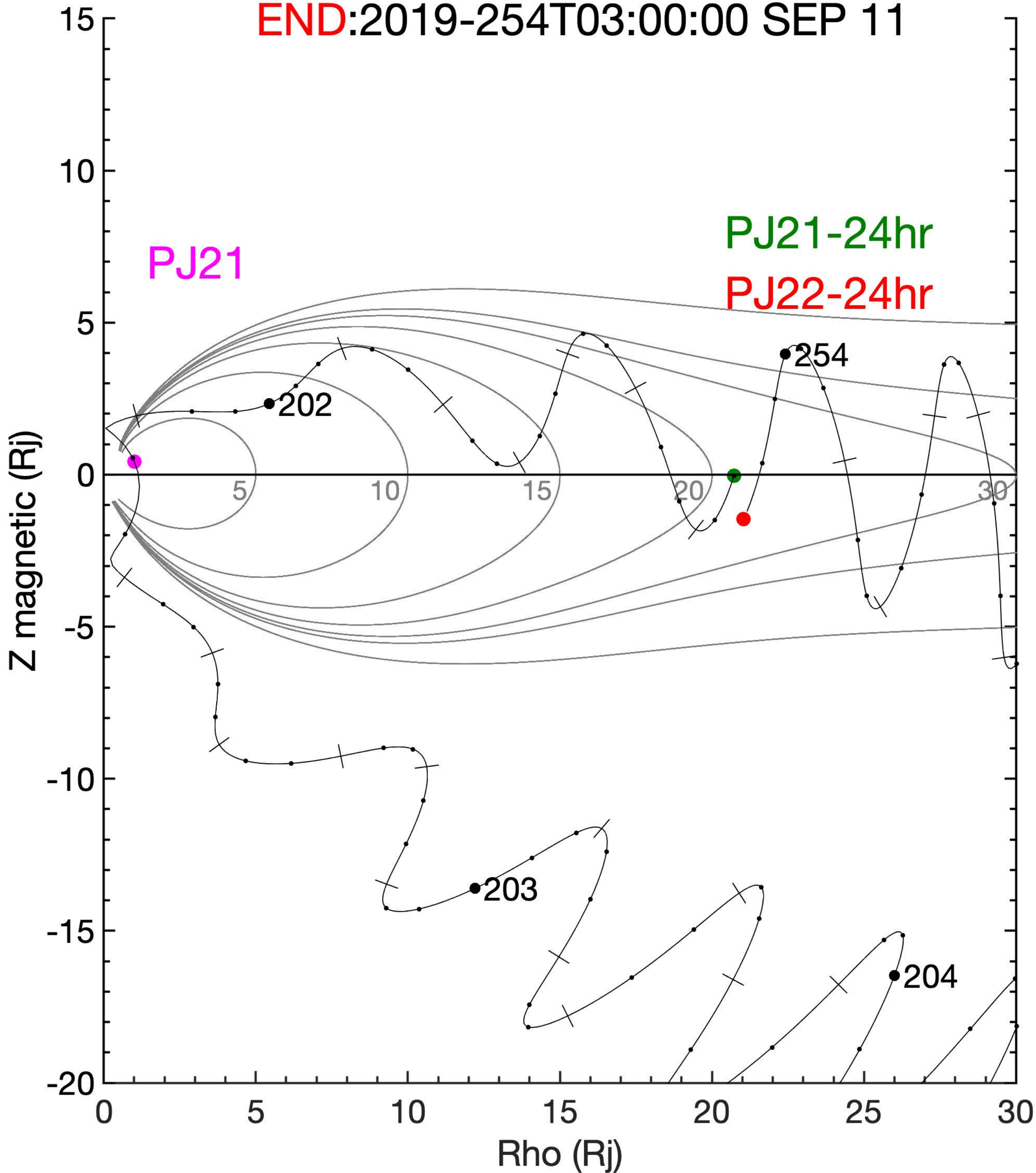
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**END:2019-201T04:00:00 JUL 20**



**START:2019-201T04:00:00 JUL 20**

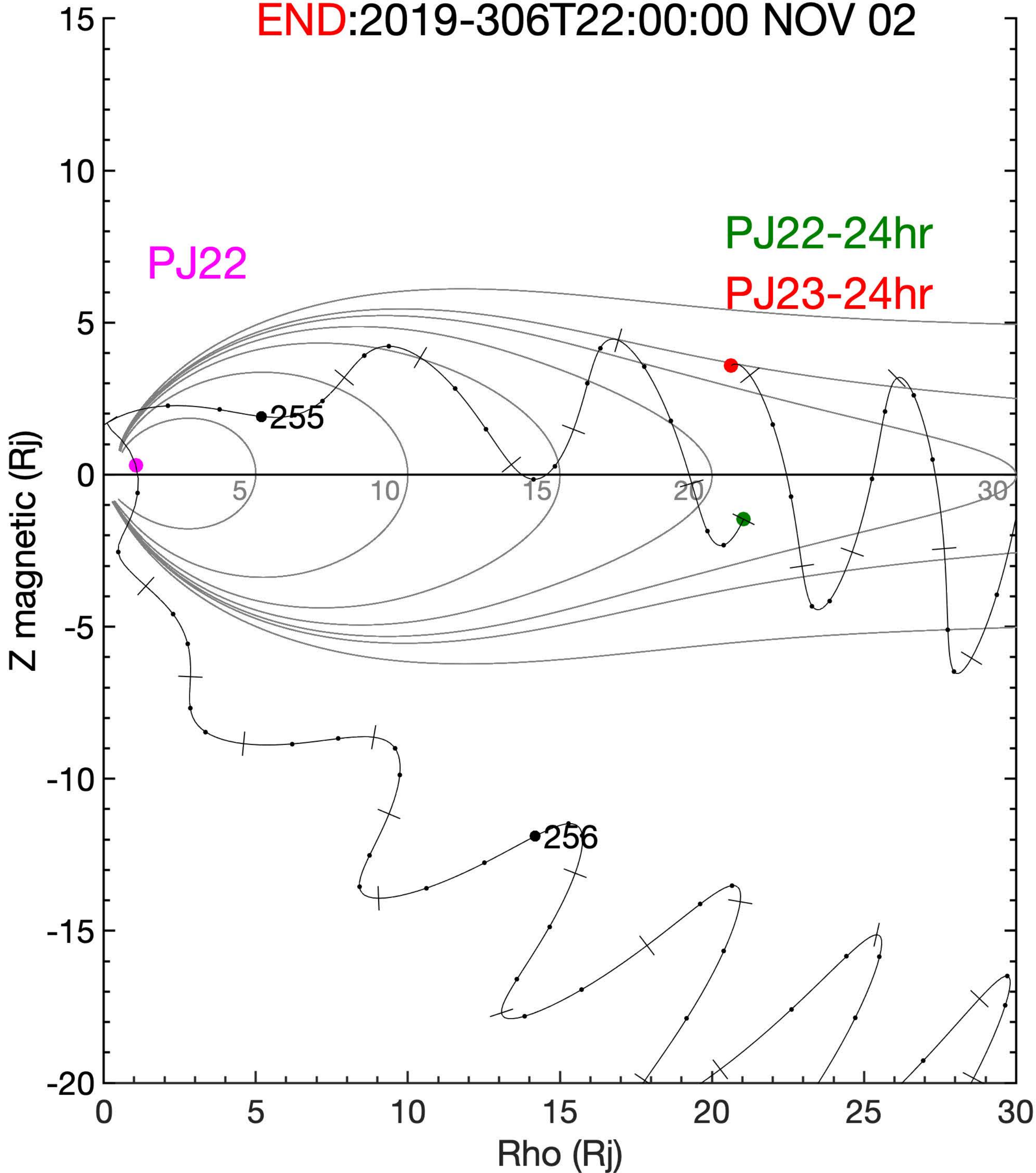
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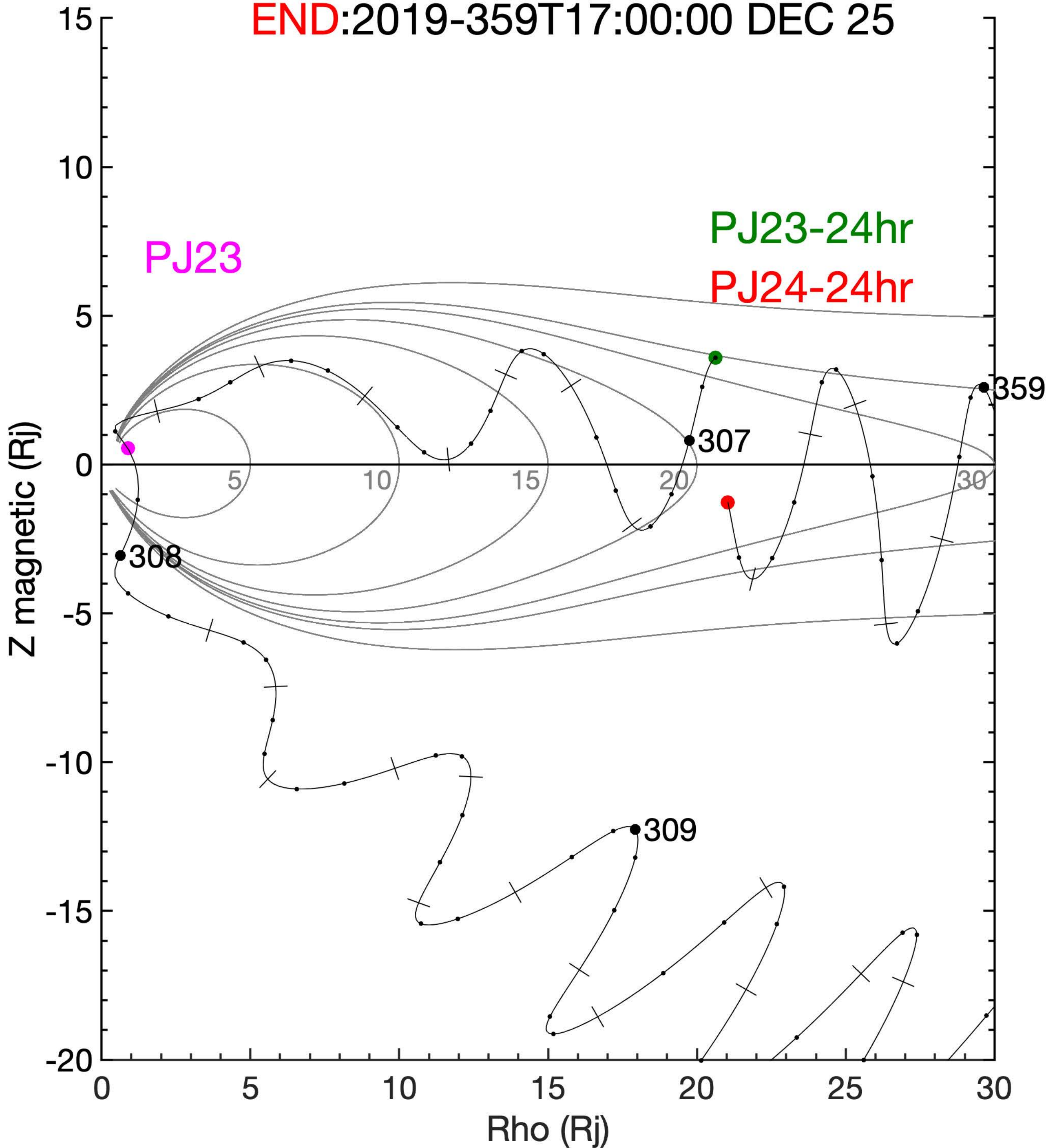
**START:2019-254T03:00:00 SEP 11**

**END:2019-306T22:00:00 NOV 02**



**START:2019-306T22:00:00 NOV 02**

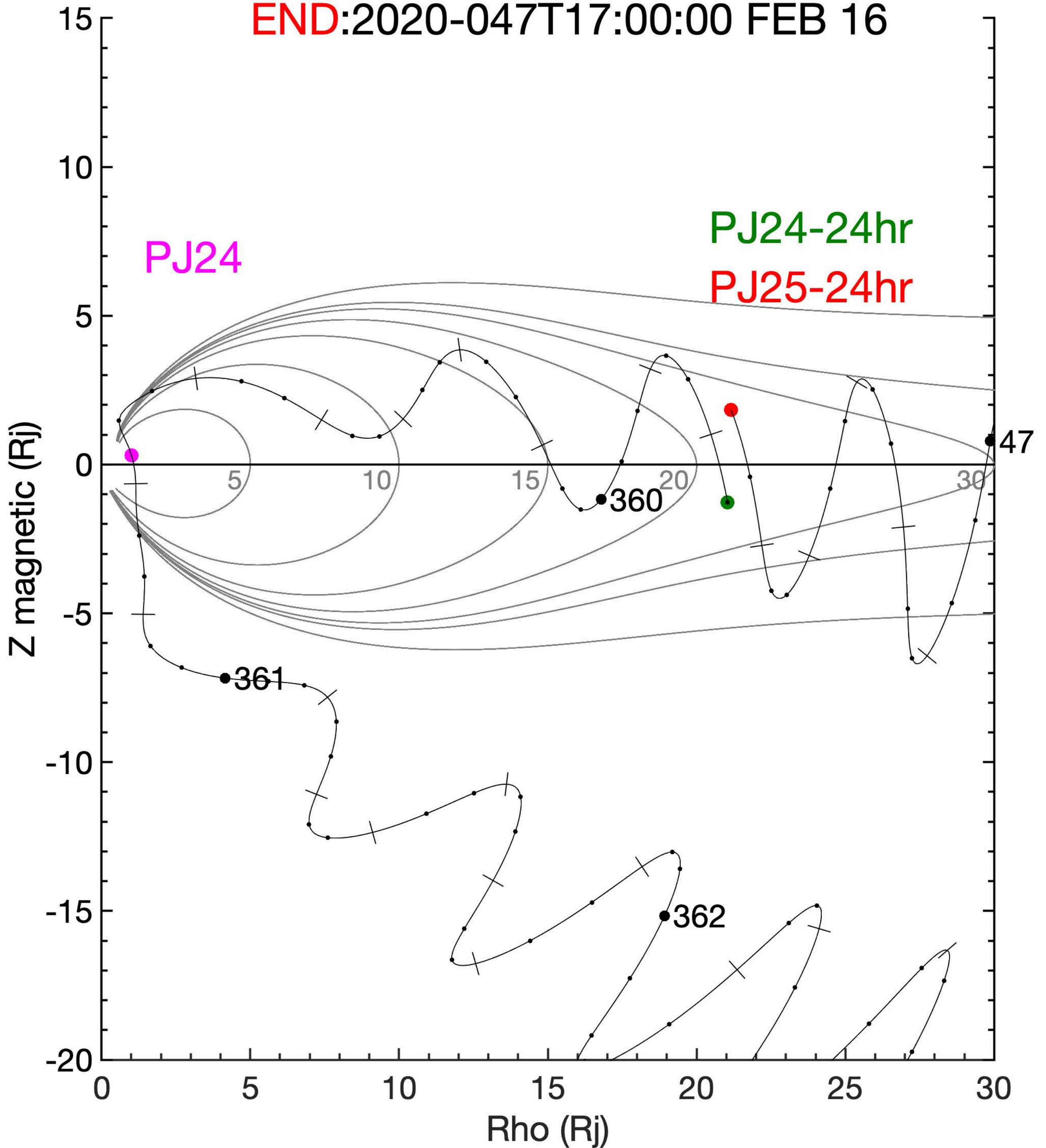
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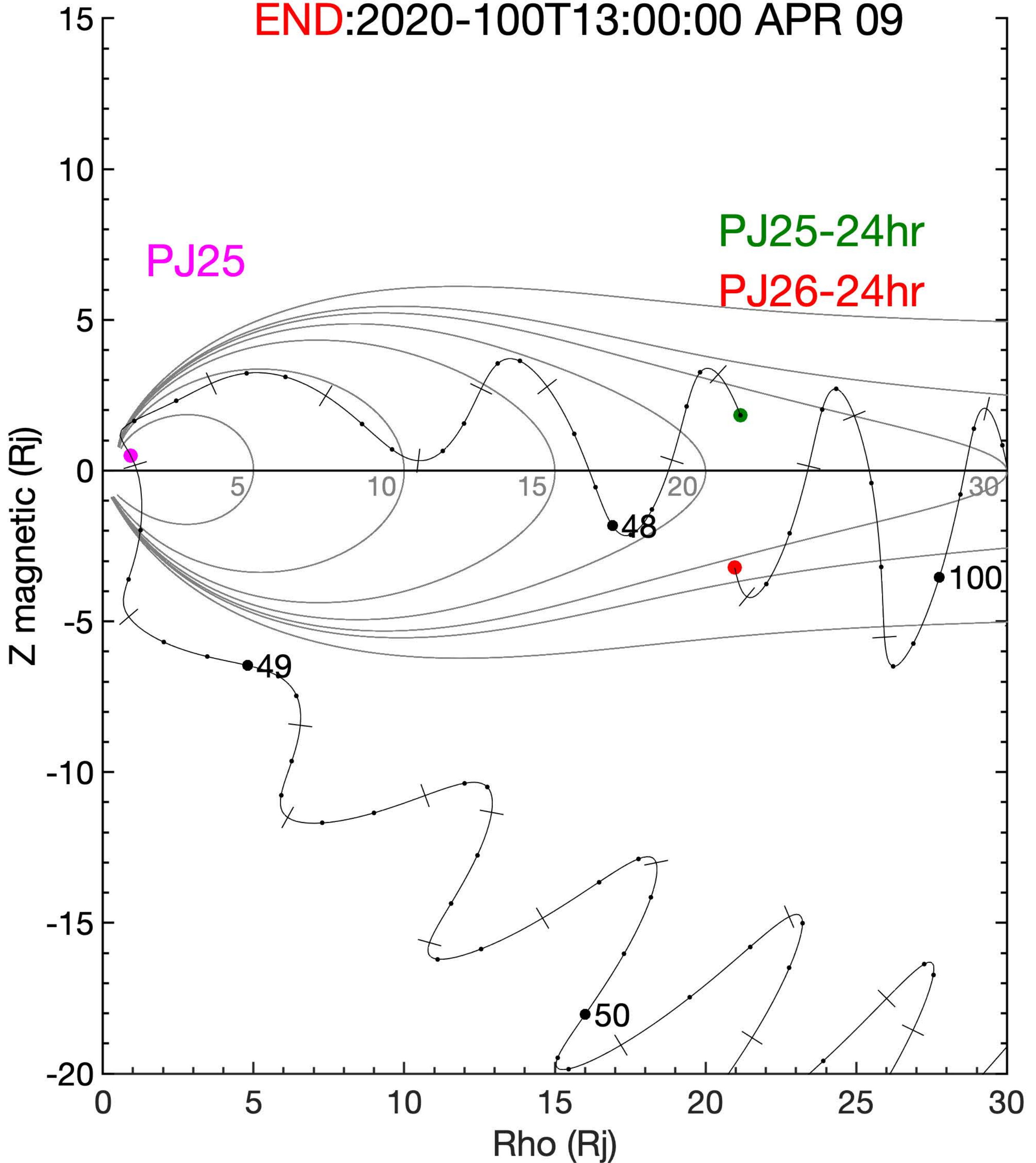
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**END:2020-047T17:00:00 FEB 16**



**START:2020-047T17:00:00 FEB 16**

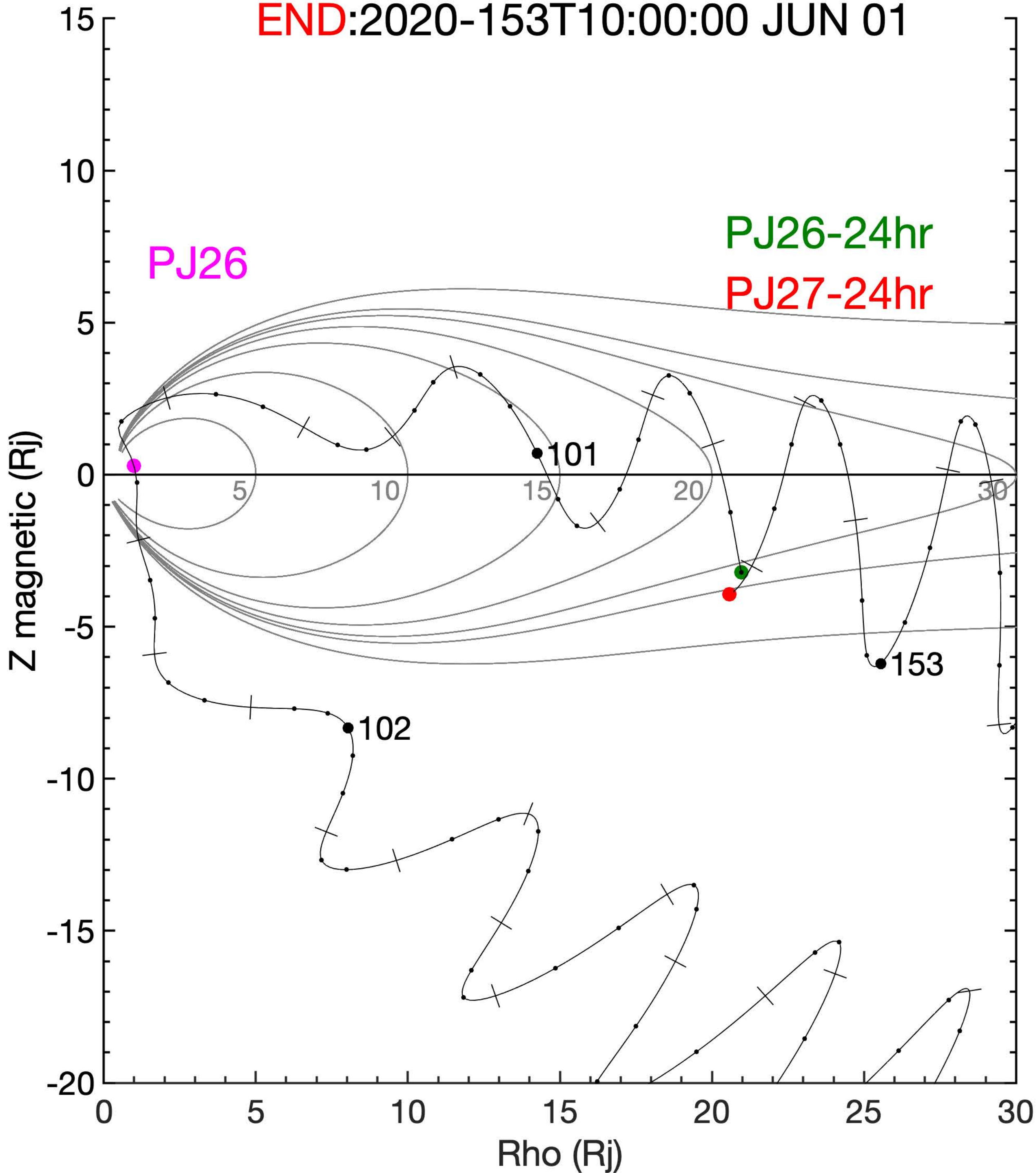
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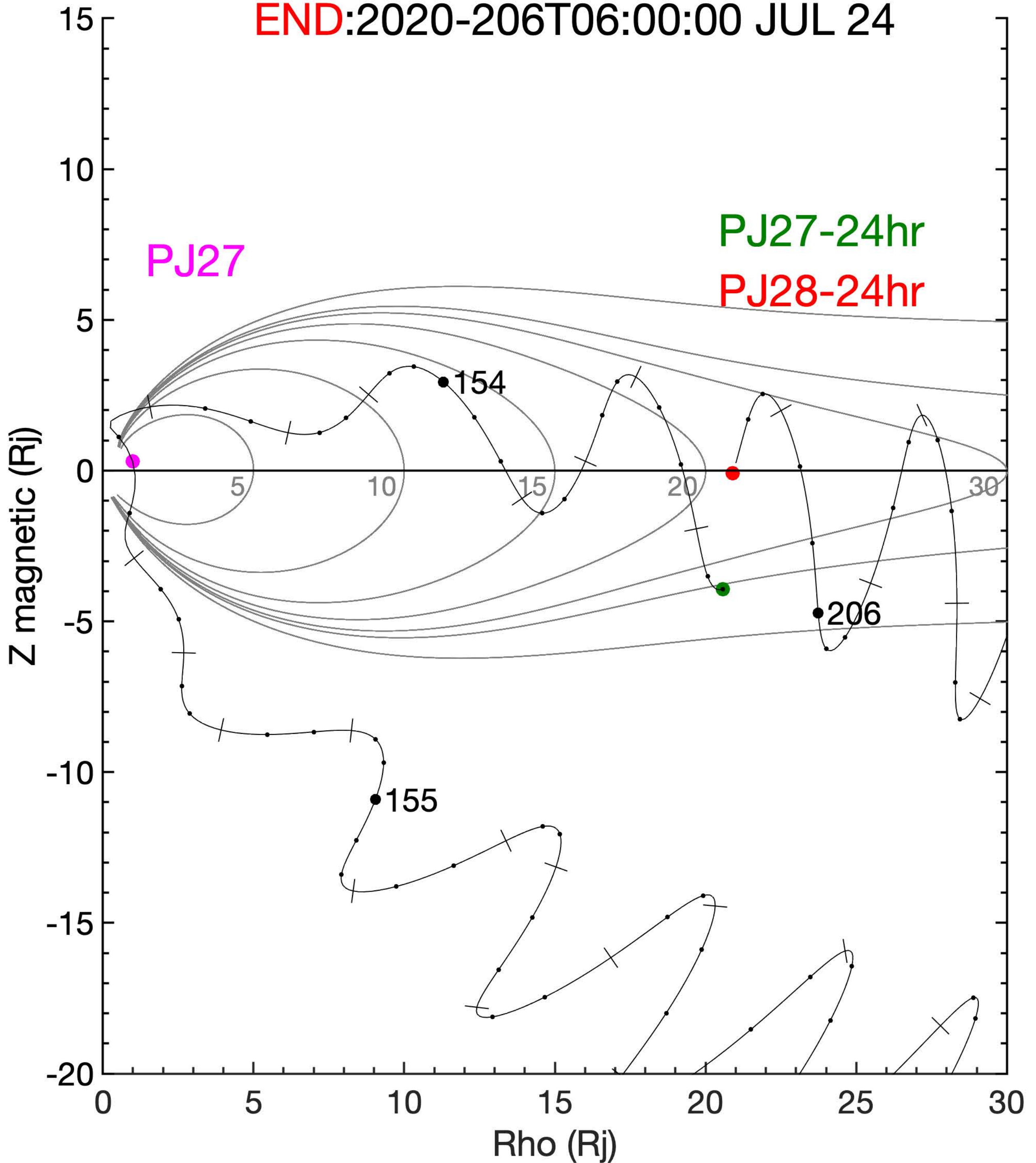
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**END:2020-153T10:00:00 JUN 01**



**START:2020-153T10:00:00 JUN 01**

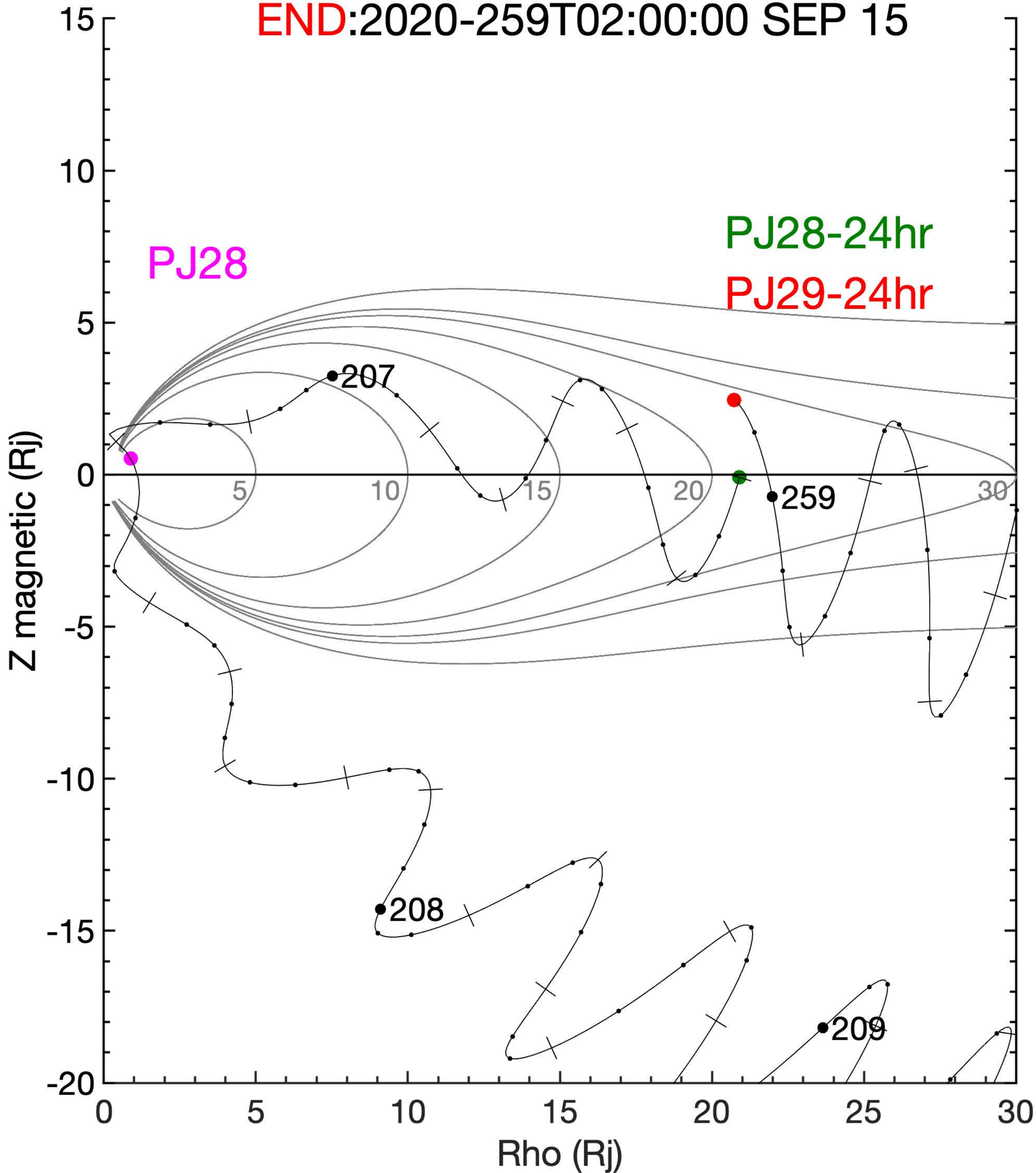
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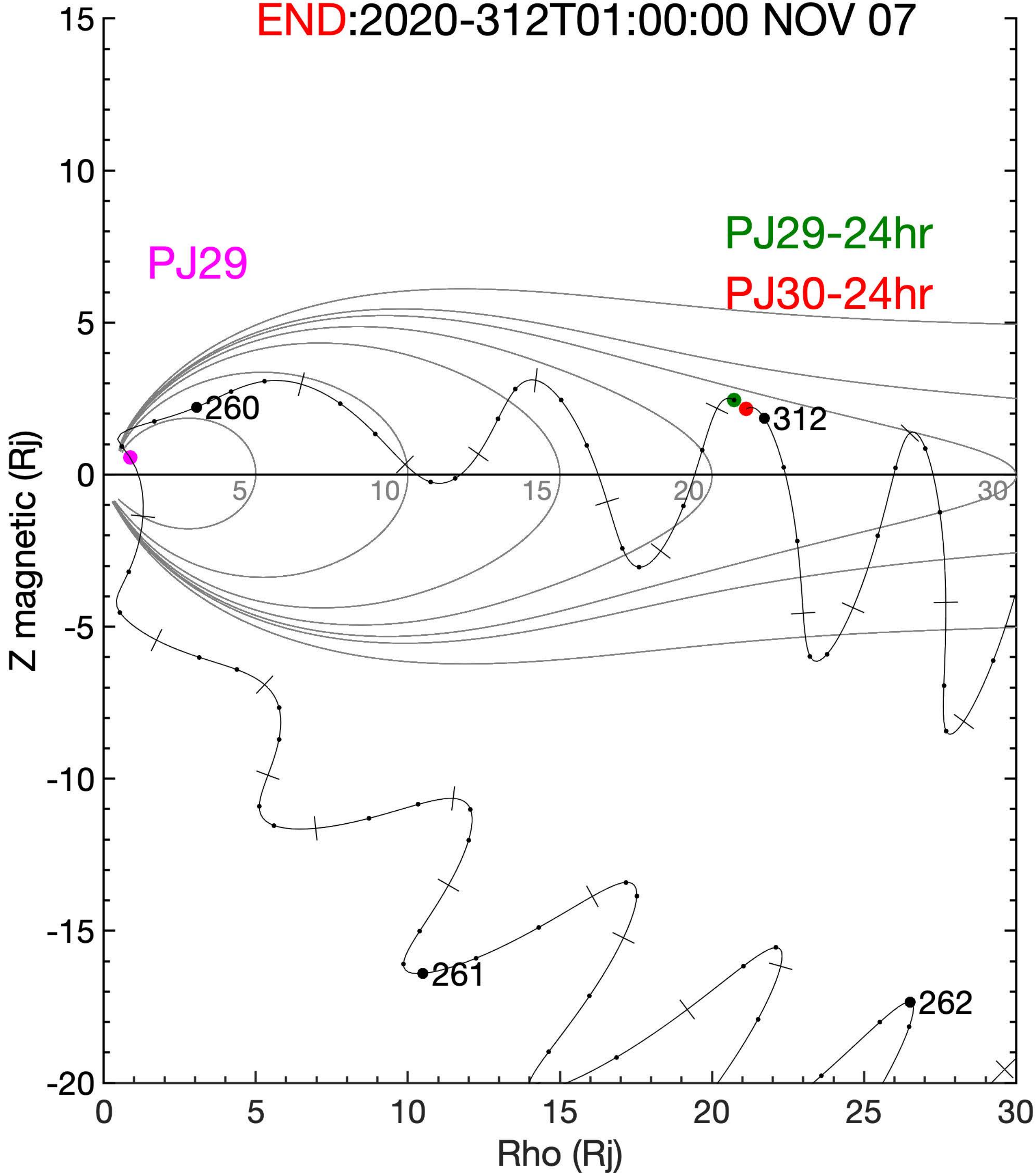
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**END:2020-259T02:00:00 SEP 15**



**START:2020-259T02:00:00 SEP 15**

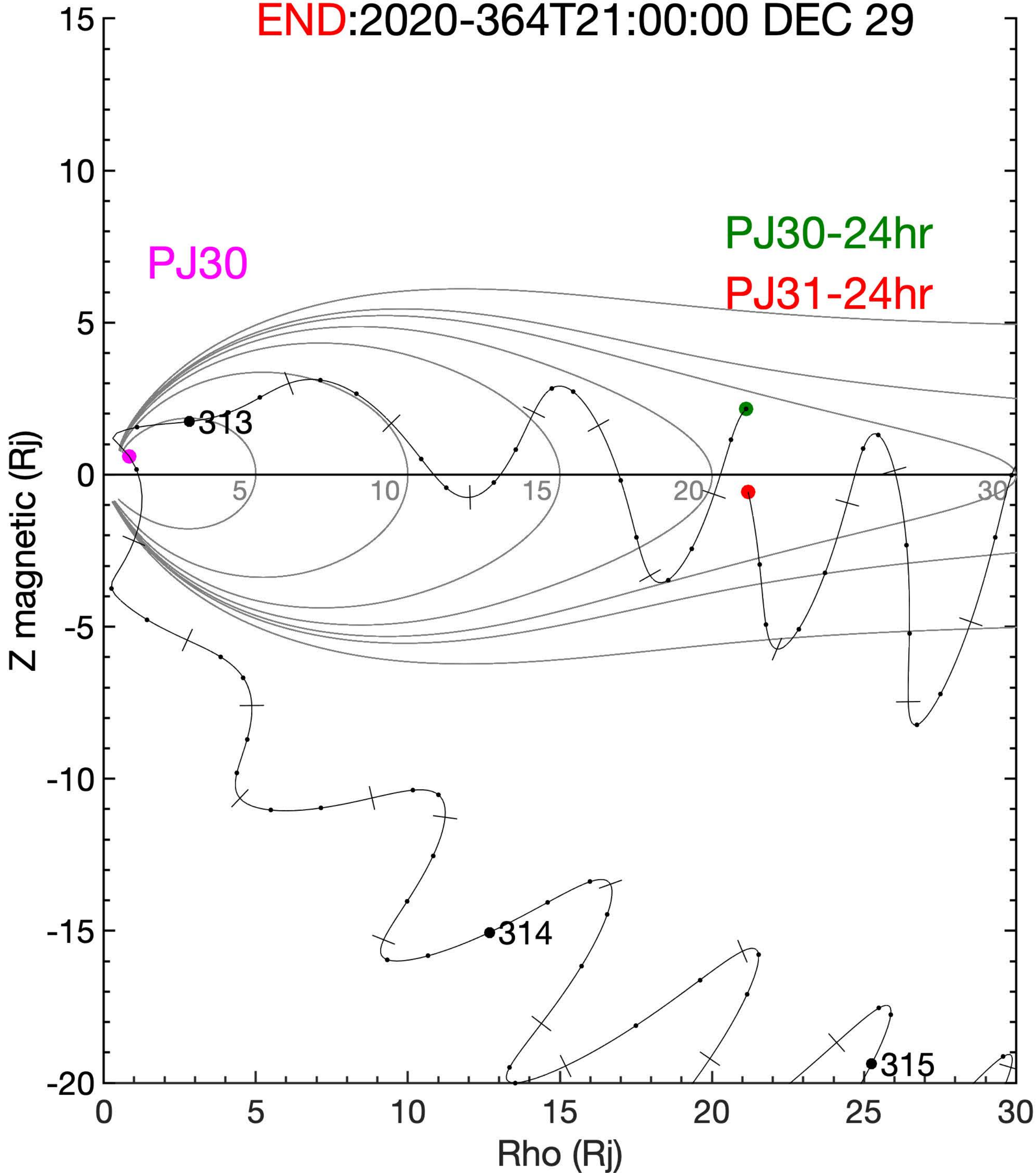
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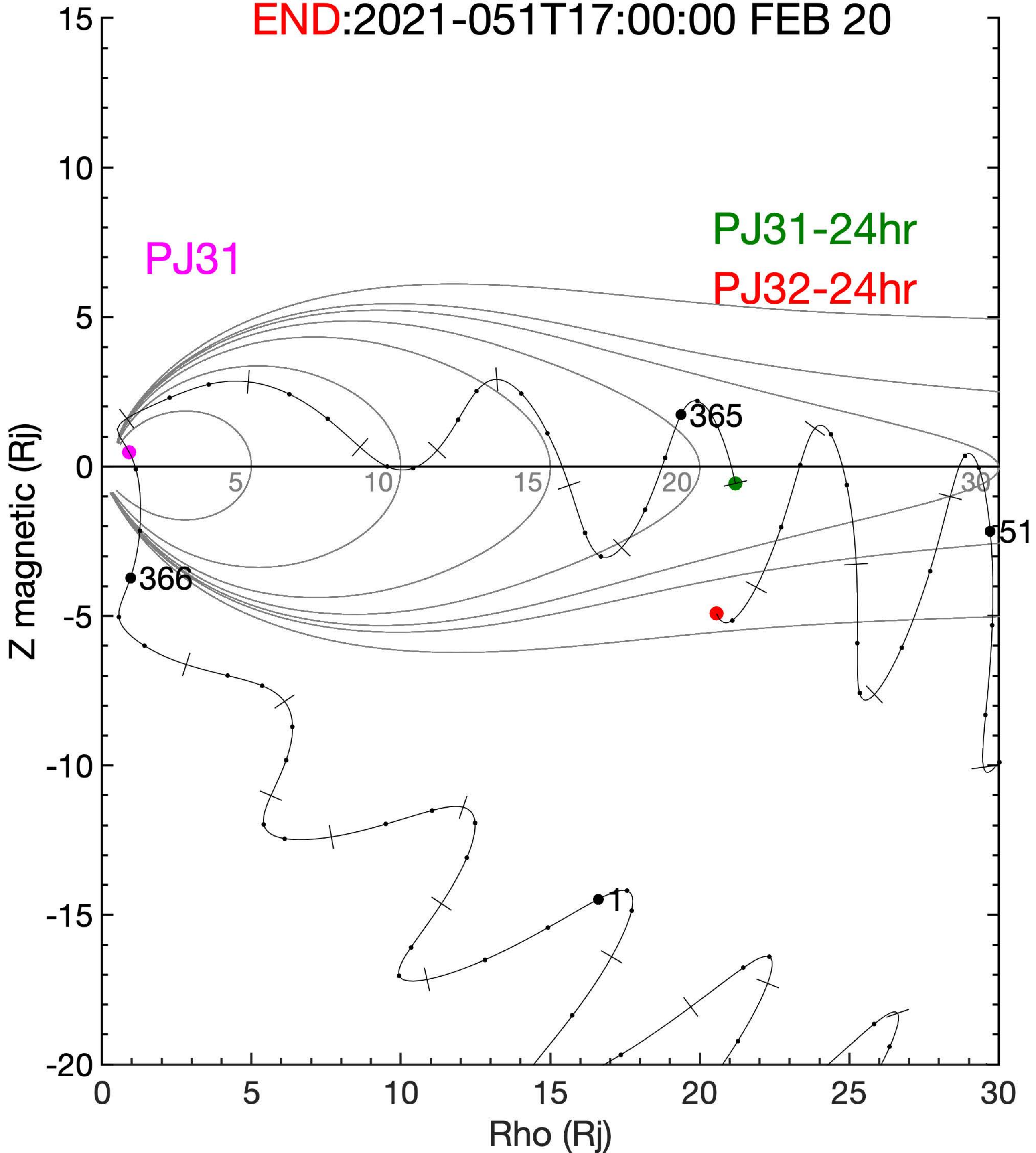
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**END:2020-364T21:00:00 DEC 29**



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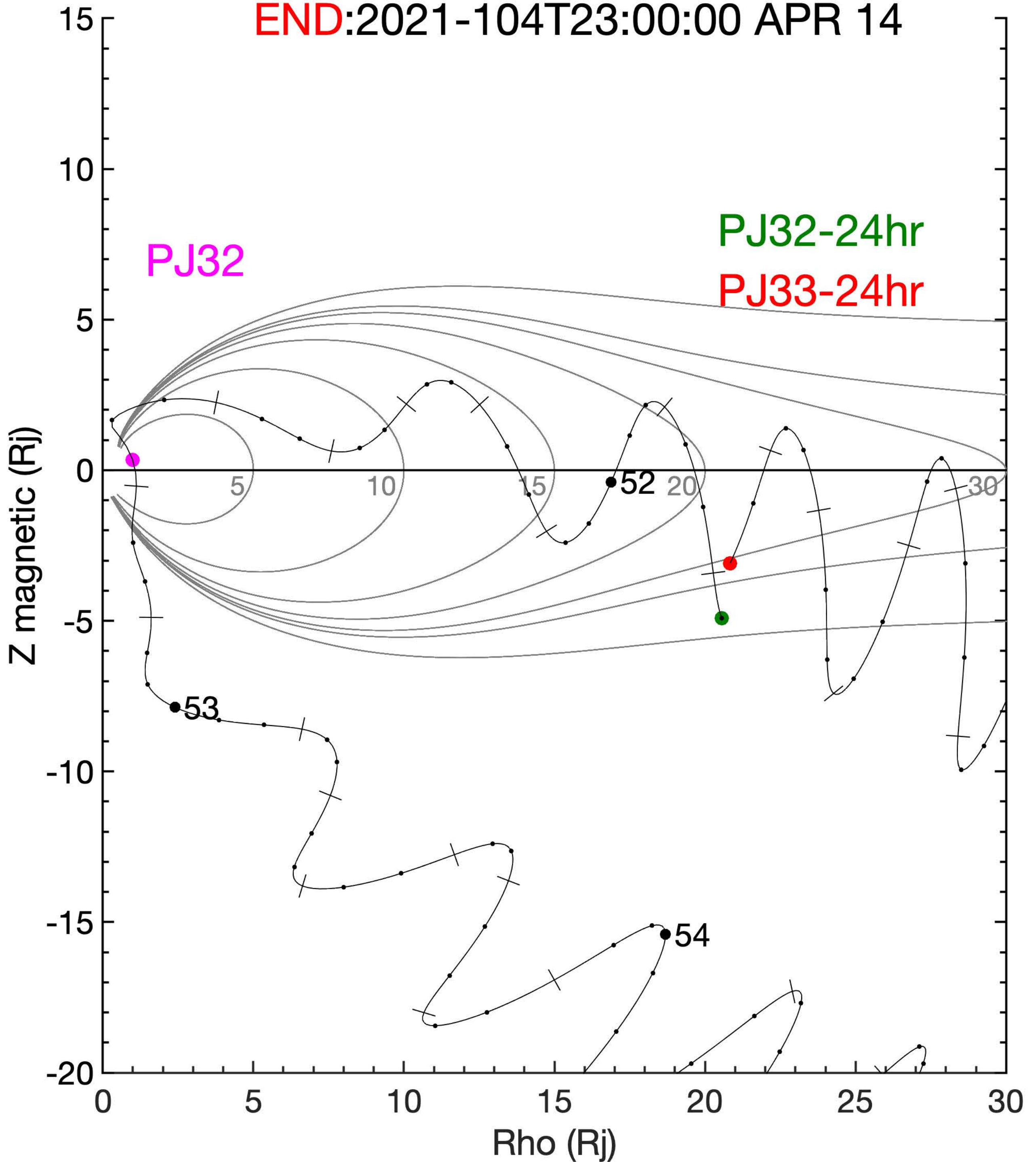
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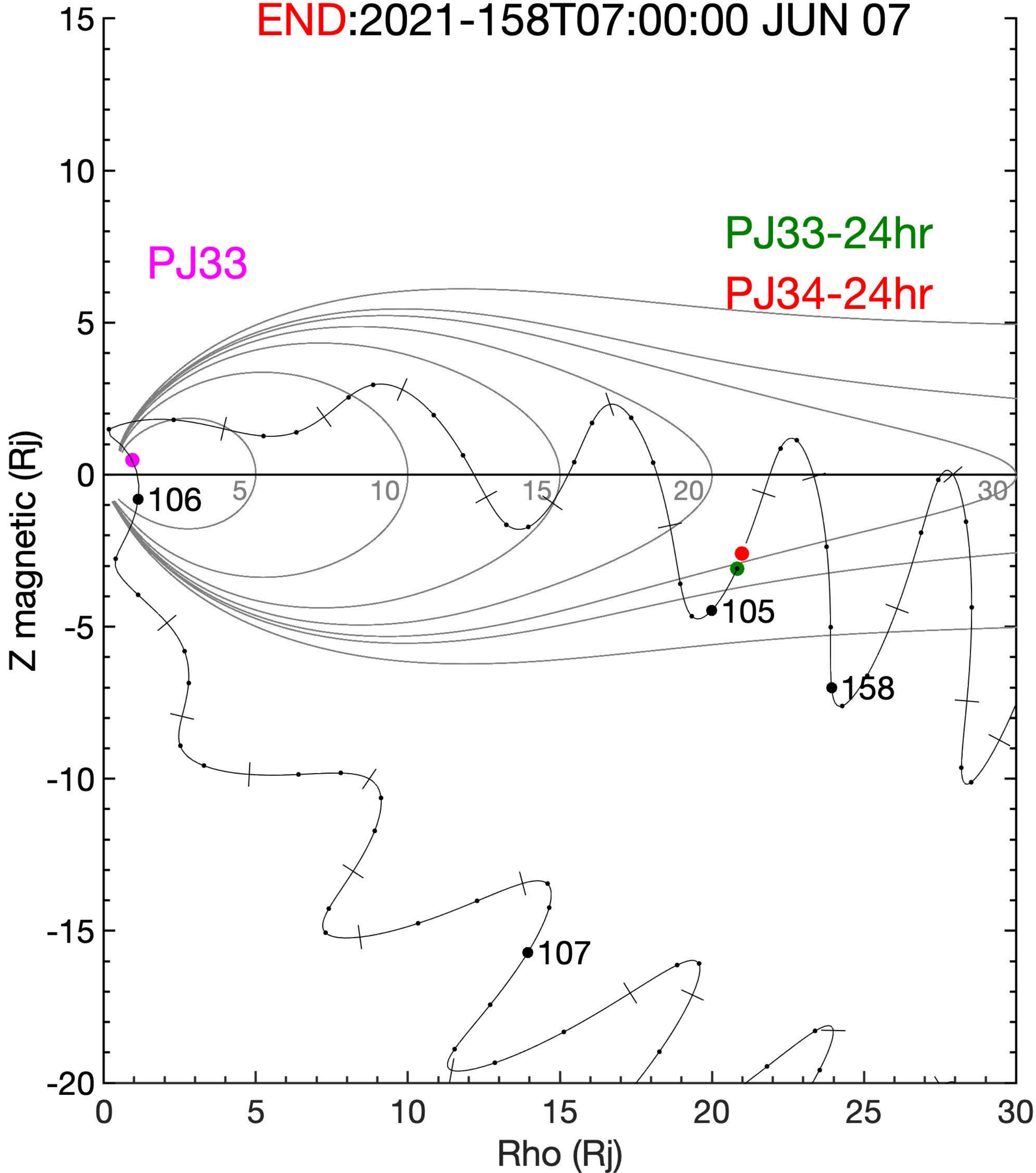
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**END:2021-104T23:00:00 APR 14**



**START:2021-104T23:00:00 APR 14**

**END:2021-158T07:00:00 JUN 07**





**START:2021-158T07:00:00 JUN 07**

**END:2021-201T08:00:00 JUL 20**

