

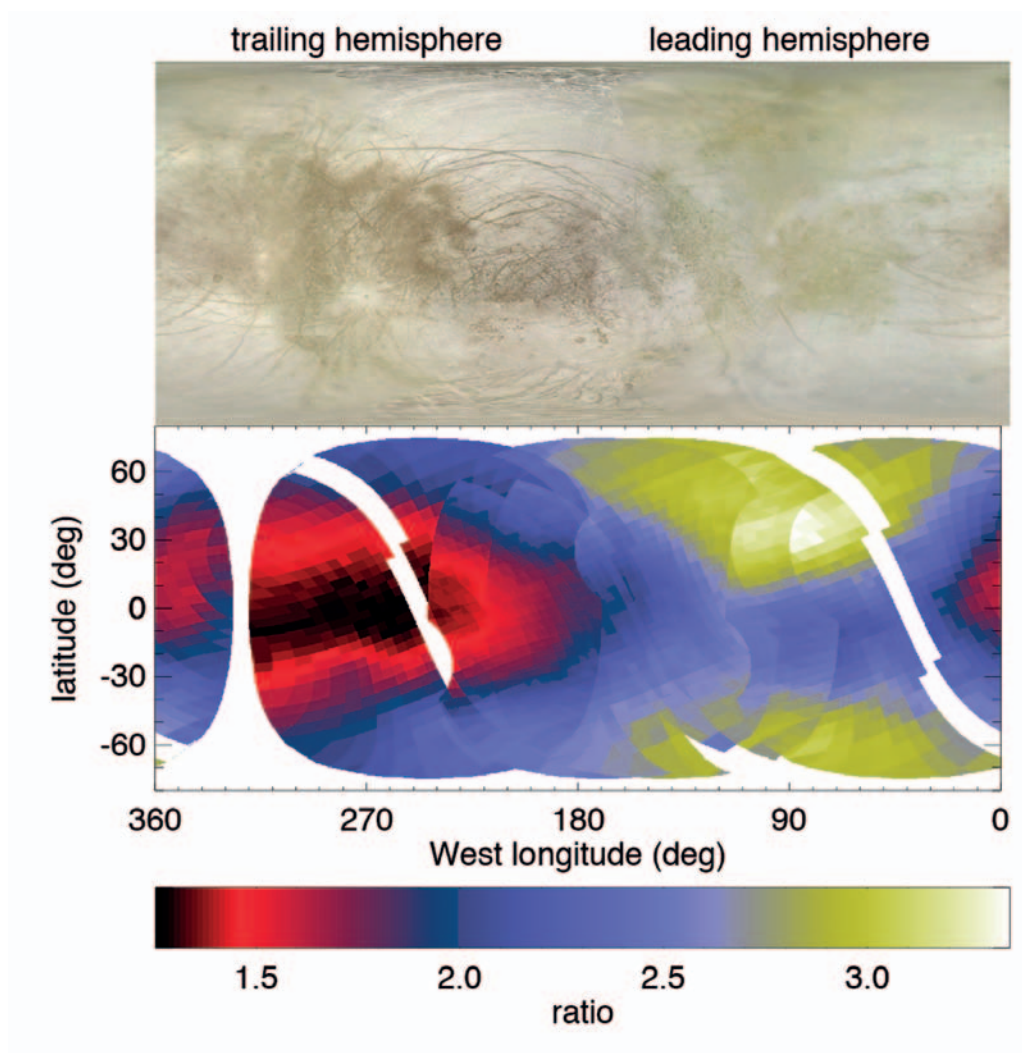
THE ASTRONOMICAL JOURNAL

FOUNDED BY B.A. GOULD
1849

VOLUME 145

2013 April ~ No. 1888

NUMBER 4



Published for the
AMERICAN ASTRONOMICAL SOCIETY
by
IOP Publishing