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**A Comparison of the Galactic plane observed by HAWC and H.E.S.S.** JORDAN GOODMAN, University of Maryland, College Park, HAWC COLLABORATION, H.E.S.S. COLLABORATION — The High Altitude Water Cherenkov (HAWC) observatory and the High Energy Stereoscopic System (H.E.S.S.) are two leading instruments in the ground-based very high energy __-ray domain. HAWC is based on the water Cherenkov detection techniques while H.E.S.S. is an array of Imaging Atmospheric Cherenkov Telescopes (IACT). In this talk we present results of a new analysis of the H.E.S.S. Galactic plane data, aiming at making a comparable analysis between H.E.S.S. and HAWC. We present a comparison of the Galactic plane observed by both instruments concentrating on sources seen in HAWC, but not previously observed by H.E.S.S.. The overall __-ray flux of the Galactic plane is compared between HAWC and H.E.S.S. using the new analysis and the differences between them are presented.

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