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The Upper Atmosphere: Meteorology and Physics, reviewed by D. M. Hunten; other reviews by A. Sosin, J. W. Wells, D. A. Lind, L. Blitzer, E. A. Erdelyi, P. Siekevitz, V. J. Wilson, R. Levine, W. van Roosbroeck, W. M. Sinton, F. Wroblewski

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COVER
A perfect platinum crystal hemisphere of approximately 2000-angstrom radius, showing about 1000 net plane facets. Many of the facets have been resolved into single atoms. Three radiation damage spots appear on the left side, indicating the impact of three heavy negative ions of 25-kev energy. See page 591.