



Pluto in Glory

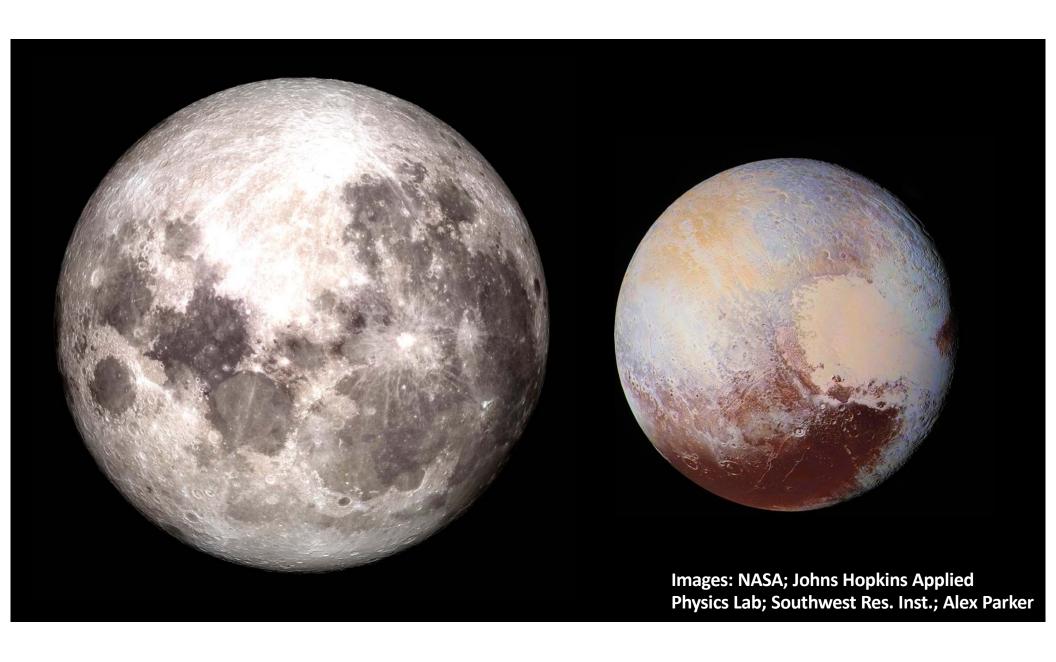
October 27, 2020

Bonnie J. Buratti

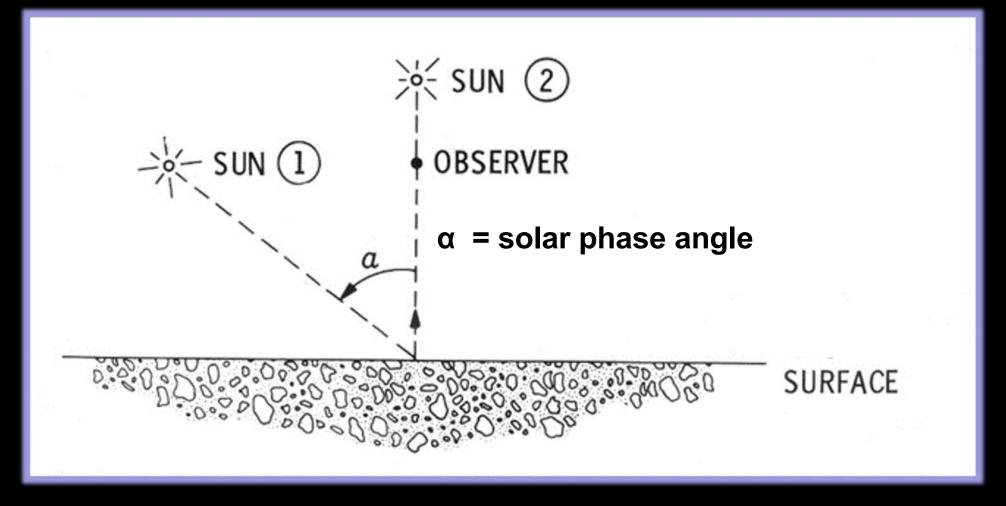
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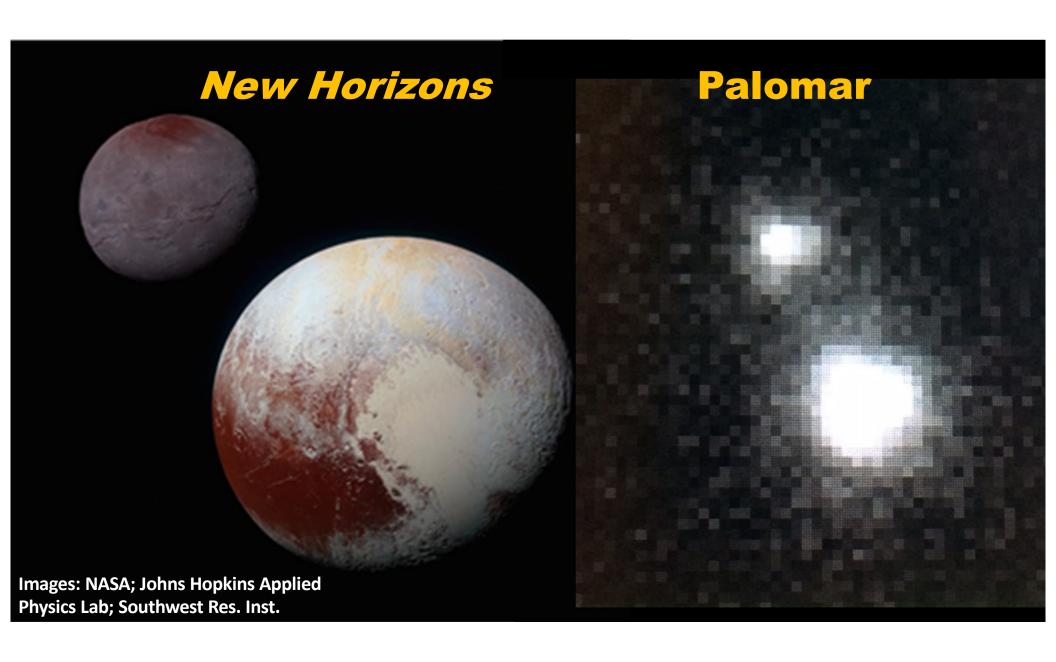


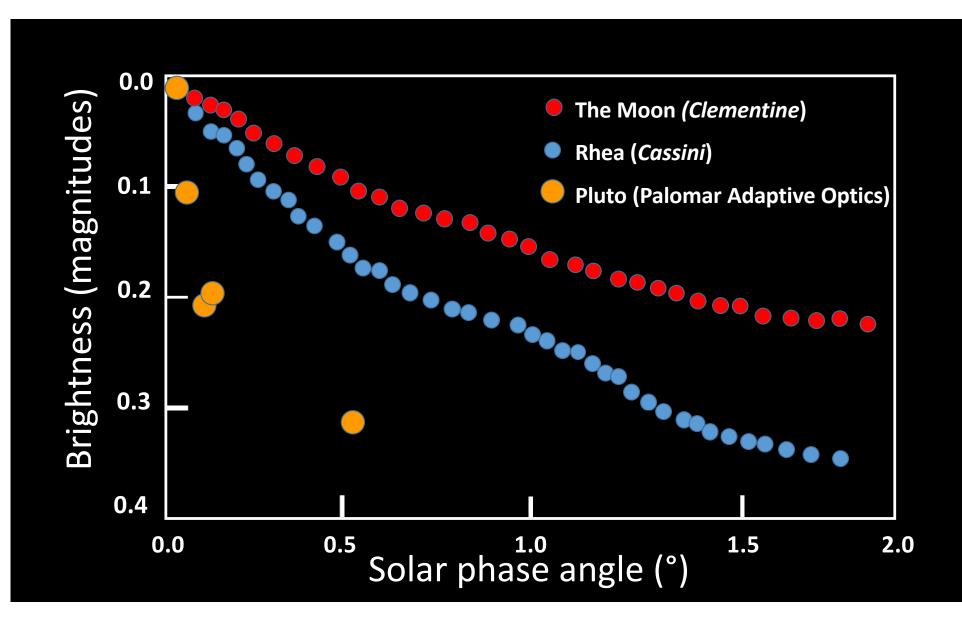
What causes an opposition surge?











Conclusions

- Pluto exhibits a huge surge in brightness about 30-35% in the last half-degree of solar phase angle. The small phase angles we observed (~0.01°) will not be visible for another 161 years.
- This opposition surge is greater than that of the Moon and other bodies so far studied.
- The effect may be due to an unusual surface structure, perhaps caused by ongoing volatile transport or deposition of haze particles from Pluto's atmosphere.

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