

Halton Arp and the pictures that disprove the Big Bang

A strong argument can be made against the Big Bang theory based on the two pictures below. They are different images of exploding spiral galaxy NGC 4319.

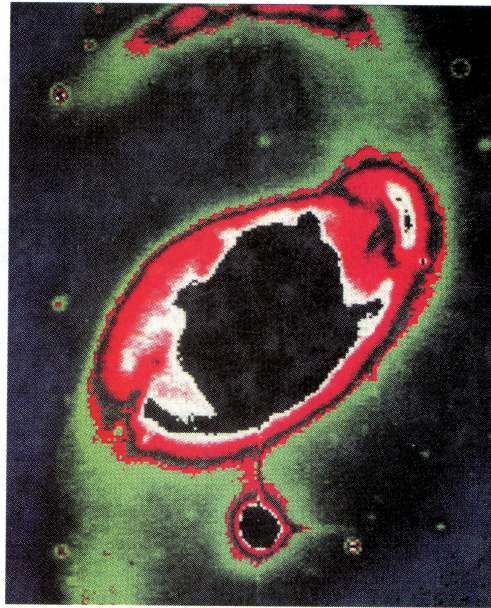
Astronomer Halton Arp took the top photo in 1971. It is shown as a negative image because it brings out more detail, and astronomers prefer it that way. The photo needed an expert four-hour exposure through the 200-inch reflector at Mount Palomar, one of the best telescopes in the world.

The photo shows that about 10 million years ago, galaxy NGC 4319 exploded. The explosion has blown its arms off and they are disintegrating. The explosion has also ejected Markarian 205. One sees the umbilical connection between the two, pointing back to the nucleus of the galaxy.

The problem is that this is supposed to be impossible.

Markarian 205 is a baby galaxy, and according to the Big Bang theory, baby galaxies only existed at the beginning of time (right after the universe allegedly exploded into being from nothingness).

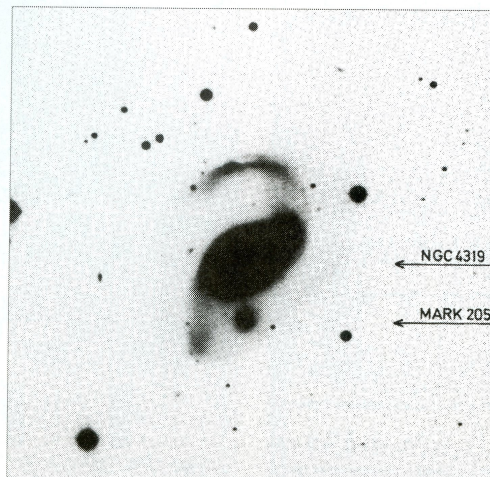
Big Bangers will tell you that we can still see these baby galaxies, but that they are the farthest objects known. They will say that Markarian 205



appears to be interacting with NGC 4319, but that it is really very far in the distant background (where the objects at the beginning of time hang out). They say not to confuse the foreground with the background or you will lose your bearings.

Big Bangers also insist that there is no physical connection between the two. Halton Arp caught a lot of grief over maintaining the connection was real. If it is real, then NGC 4319 is bursting open like a seedpod, producing baby galaxies at this very moment.

If the theory that baby galaxies are currently in production is correct, it shreds the Big Bang theory timeline. All baby galaxies now thought to be very far away and very distant in time are suddenly seen to be local objects existing contiguously with us. What it does is obviate the need to propose a beginning of time—AKA the Big Bang—at all. In fact, supporting an anti-Big Bang position, a recent survey of baby galaxies at



2004: The Year of the Gonzo

- The second Gonzo Science rock CD, *Gonzo Science: Conspiracy* is in the works.
- Catch the Gonzo Science film short "Fractals" at the Free Range Film Fest July 30-31.
- In late summer, long lost Gonzo Science brother Allen Richardson moves to Duluth to join brother Jim, making Duluth the official Gonzo Science headquarters.
- Look for Gonzo Science book release events in late summer/early fall.
- Early fall will see the launch of "The Gonzo Science Report," a half-hour live call-in show on PACT TV.
- The Richardson brothers will be major players at Duluth's first UFO convention on November 6. Watch this space for details.
- In October, local dance company Semblesque opens their next show at the Norshor, based on Jim Richardson's rock CD *Gonzo Science*.
- Buy the book *Gonzo Science*, now available at amazon.com, soon at area stores; buy the CD locally or follow the links from gonzoscience.com.

the "beginning of time" found that many of them are quite old.

The controversy has brewed Since Arp's 1971 photo. Photos have been circulated which do *not* show the connection, without the disclaimer that these photos were taken with a smaller telescope than Mount Palomar.

There was even a feud on the letters page of *Sky & Telescope* about it. It ended in farce when three astronomers published pictures in a short article proving, beyond a doubt they claimed, that Markarian 205 was not connected to NGC 4319. The only problem was that in the pictures that accompanied their article, the connection was quite clear.

Arp and collaborator Jack Sulentic took the bottom photo some time later on a four-meter telescope tricked out with the latest imaging devices. The connection is strong and obvious.

NGC 4319/Markarian 205 is just one example of many such "impossible" systems, many of them involving exploding or other so-called "peculiar" galaxies. Someday, in an era of more open investigation, science will have a chance to grapple with their mysteries.

Halton Arp was blacklisted by the powers-that-be for his heretical observations, and has been denied access to the best telescopes in the world for 20 years. The comparison to Galileo is obvious and tragic. Free Halton Arp!

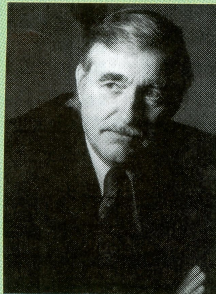
Halton Arp: Rogue Astronomer

Awards

•Helen B. Warner Prize of the American Astronomical Society

Newcomb Cleveland award of the American Association for the Advancement of Science

Alexander von Humboldt Senior Scientist Award



Timeline

1949: Bachelor's Degree from Harvard (*cum laude*)

1953: Ph.D. from California Institute of Technology (*cum laude*)

1954-1983: staff astronomer at Mount Wilson and Palomar Observatories

1980-1983: President of the Astronomical Society of the Pacific

1983: Observations terminated at Mount Wilson and Palomar Observatories

1984: Observations terminated at Las Campanas Observatory