

Gamma Ray Burst The Brightest Explosions In The Universe



Gamma Ray Burst The Brightest

Gamma-ray burst. They are the brightest electromagnetic events known to occur in the universe. Bursts can last from ten milliseconds to several hours. After an initial flash of gamma rays, a longer-lived "afterglow" is usually emitted at longer wavelengths (X-ray, ultraviolet, optical, infrared, microwave and radio).

Gamma-ray burst - Wikipedia

The extremely bright gamma-ray burst seen earlier this year, officially dubbed GRB 130472A, occurred in a galaxy 3.6 billion light-years away from Earth, which, though still far away, is less than ...

Brightest Explosion In the Universe Ever Seen Defies ...

Gamma Ray Bursts During the 1950s nuclear trepidation was reaching extreme levels. In an attempt to limit the arms race the super powers signed a test ban treaty that came into effect in 1963.

Gamma Ray Bursts | The Brightest Electromagnetic Events | In Short | Episode 147

Image Feature. The explosion itself is called a gamma ray burst, since much of the explosion's energy was in the form of gamma rays. A gamma ray is a type of light with energy far higher than the light we see with our eyes. Most gamma ray bursts originate when huge stars die and explode. Instead of blowing material in all directions,...

NASA - A Stellar Explosion You Could See on Earth!

We now have proof that there is a star system within the Milky Way galaxy that can give off a gamma ray burst when it finally dies in a couple of hundred thousand years or so — even if we will not be around to witness it finally going off like the massive nuclear firecracker it is.. These bursts are some of the brilliant and intense events known to astronomy.

Newly-found star system in our galaxy could produce a ...

Brightest gamma-ray burst was aimed at Earth. Gamma-rays bursts are thought to be caused when massive, spinning stars collapse to form black holes and spew out jets of gas at nearly the speed of light. These send gamma rays our way, along with visible light produced where the jet heats up surrounding gas. On 19 March,...

Brightest gamma-ray burst was aimed at Earth | New Scientist

The blast of radiation, called a gamma-ray burst, was spotted earlier this year by space-based telescopes and has been confirmed as the brightest ever seen. Researchers believe the distant star ...

Gamma-ray burst brightest ever seen - BBC News

NASA Spacecraft Detects the Brightest Gamma-Ray Burst of its Mission. Once thought to be located in our own Milky Way Galaxy, most astronomers now believe that the bursts are actually located at distances in excess of hundreds of millions of light-years, or near the edge of the visible universe.

NASA Spacecraft Detects the Brightest Gamma-Ray Burst of ...

The extremely bright gamma-ray burst seen earlier this year, officially dubbed GRB 130472A, occurred in a galaxy 3.6 billion light-years away from Earth, which, though still far away, is less than ...

Brightest Gamma-Ray Burst Is A Mystery - Business Insider

Overview. Until this gamma-ray burst event, the Triangulum Galaxy, at a distance of about 2.9 million light years, was the most distant object visible to the naked eye. The galaxy remains the most distant permanent object viewable without aid. It was soon suggested that this spectacle be named the Clarke Event,...

GRB 080319B - Wikipedia

Gamma ray bursts (GRB s) are the brightest electromagnetic blasts known to occur in the Universe, and can originate from the collapse of the most massive types of stars or from the collision of two neutron stars. Supernovae are stellar explosions that also can send harmful radiation hurtling...

How Deadly Would a Nearby Gamma Ray Burst Be? | News ...

In this illustration, a jet is produced by an unusually bright gamma-ray burst. A gamma-ray burst, the most powerful kind of explosion known in the universe, may have triggered a mass extinction on Earth within the past billion years, researchers say.

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