

Black Holes Again

The Urth list — 1 messages, 1 voices, 01 Dec 1999

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Greene, Carlton — 01 Dec 1999, 15:32

Rostrum wrote:

<<Well sure, but my point is that, just as the dying sun initially looks like it's dying of old age but is actually being prematurely sabotaged, this opposite end of a white fountain would suck everything up very much like a black hole, but instead of the energy being emitted in this universe as X-rays, it is actually a wormhole spewing energy into another universe. It might be confused with black holes, but would be a different astronomical phenomenon (as would be apparent to any astronomer looking for X-rays).>>

Black holes emit x-rays (and Hawking radiation, and other stuff) because the process of sending large quantities of matter "down the drain" is not a tidy one. Suns, etc. get ripped apart as they are pulled inside, releasing lots of energy -- in fact, black holes release x-rays (high frequency) rather than other E-M emissions precisely because of the amount of energy involved.

I am not an astrophysicist, but it seems to me that this would happen any time you stuff a lot of celestial bodies and accompanying gas and dust through a smaller pipeline. Thus, regardless of what you call it -- blackhole, E-R bridge, whatever, you are going to get x-rays and other traits normally associated with black holes. So the ultimate difference in what you call the "black chasm" may be largely semantic.

Carlton