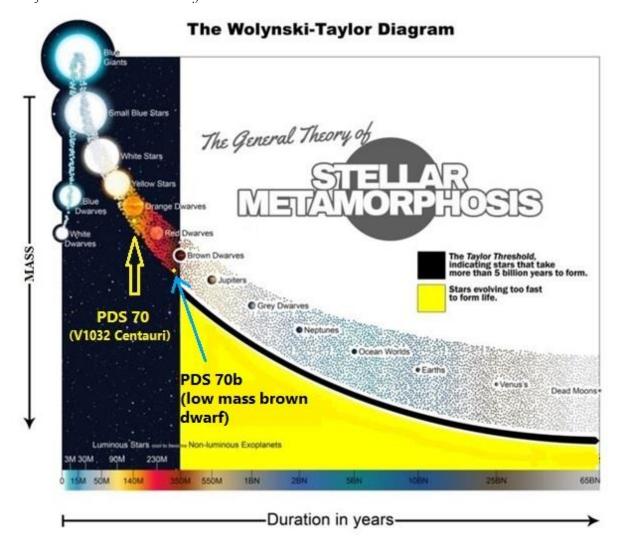
PDS 70 on the Wolynski-Taylor Diagram

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Abstract: PDS 70 and its companion PDS 70b are claimed to be a new born star at \sim 10 million years old, with a companion new born planet. This is replaced with stellar metamorphosis and a diagram shows why. PDS 70 is a normal orange dwarf star that is slightly less massive than the Sun at about 130 million years old, and PDS 70b is a low mass brown dwarf about 330-350 million years old.



PDS 70 is not a new star system. It is two normal stars in different stages to their metamorphosis. They will continue to orbit each other as they both cool and lose mass. We can predict the future of PDS 70 as well by following the Cassandra ratio loosely, until it is about 1/2 the mass of the Sun. This means it will lose much more mass at a faster rate than it gravitationally collapses, as its Ratio is $\sim 1.69/100$. The temporary, but faster mass loss rate could be causing the appearance of a disk surrounding the star. As the mass loss rate diminishes, it will then move back up to a stable ratio of $\sim 1/100$ and the disk will disappear. Both objects will still be visible though, as they both are still extremely young as compared to highly evolved stars such as the Earth, or even Neptune.

Since we know what these stars really are and have a much more reasonable estimation of their age, we can then try and determine why a disk is present. My guess is that two large objects slammed into each other creating a large disk, or some large object hit the central star causing it to eject lots of material, etc. There could be many reasons for a disk being present, but it 100% sure is not because of planets being born, especially when "planets" are older stars. This system has a 300+ million year old star orbiting a ~130 million year old star. This means the orbiting companion has been around for much, much longer than its host. As well, the sheer distance with which the companion is currently orbiting the host far exceeds even the distance of the Earth to the Sun. Clearly we are dealing with two completely independent objects, not a birthing star system.

It is suggested for astronomers to abandon their theories of planet formation and star evolution, because they do not explain anything reasonably.