

cathode ray

Cathode rays (also called an electron beam or e-beam) are streams of electrons observed in [vacuum tubes](#). If an evacuated glass tube is equipped with two electrodes and a [voltage](#) is applied, the glass behind of the positive electrode is observed to glow, due to electrons emitted from and traveling away from the [cathode](#) (the [electrode](#) connected to the negative terminal of the voltage supply). They were first observed in 1869 by German physicist Johann Hittorf, and were named in 1876 by Eugen Goldstein Kathodenstrahlen, or **cathode rays**.

Electrons were discovered as the constituents of **cathode rays**. In 1897 British physicist [J. J. Thomson](#) showed the **rays** were composed of a previously unknown negatively charged particle, which was later named the [electron](#). [Cathode ray tubes](#) (CRTs) use a focused beam of electrons deflected by electric or [magnetic fields](#) to create the image in a classic television set. **Cathode rays** are made up of negatively charged particles.

[Wikipedia, Cathode Ray](#) [↗](#)

See Also

[Are X-Rays Outclassed by Powerful New Odic Ray](#)

[Atomic Cluster X-Ray Emission](#)

[black cathode hole](#)

[Cathode](#)

[cathode beginning of matter](#)

[cathode birthplace](#)

[cathode mother womb of space](#)

[cathode Source](#)

[cathode zero](#)

[centering cathode](#)

[Cosmic Rays](#)

[Death Ray](#)

[dividing cathode](#)

[Ed Gray](#)

[Effluves](#)

[Figure 15.00a - Fujiwara Water Before Prayer](#)

[Figure 15.00b - Fujiwara Water After Prayer](#)

[gamma rays](#)

[Gray](#)

[Intra-atomic energy](#)

[Odic Activity Ray](#)

[Odic Ray](#)

[Odic Ray - Hollingshead](#)

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[ODIC-ACTIVITY RAYS](#)

[Power of Prayer](#)

[Ray Tomes](#)

[rays](#)

[T. Henry Moray](#)

[The Evolution of Matter](#)

[The Moray Valve Manuscript](#)

[The Odic Ray - Its Origin and Nature](#)

[triune rays of Infinity](#)

[Violet Ray Machine](#)

X-ray

zero cathode

zero centers of the cathodes

zero in the cathode

15.08 - Dissociating Water with X-Rays - Radiolysis