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The **ionization** detector is to be incorporated in a flight **gas** chromatograph (GC) for use in the Space Shuttle. The design of the detector is discussed, ...

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APOD: 2003 October 13 - Pelican Nebula Ionization Front

Oct 13, 2003 ... Pelican Nebula **ionization** Front ... Particularly dense and intricate filaments

of cold **gas** are visible along the front. ...

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Under these conditions, higher degrees of **ionization** result from higher energy

ion-electron collisions which are common in a high temperature **gas**. ...

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E-13327 cover set

desorbed **gas** molecular **ionization** mechanism, but have gone as far as identifying

the crucial molecular species that must be present for molecular ion ...

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<http://gltrs.grc.nasa.gov/reports/2002/TM-2002-211552.pdf>

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The measurement reveal three types of highly **ionized gas** along the 140 pc line

of sight. (1) Narrow components of Al III (b = 4.3 km/s, the mean value of ...

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A MICROLITER-SIZED METASTABLE HELIUM IONIZATION DETECTOR WITH NOVEL

A new generation of micro-sized **gas** chromatograph columns requires a ... of a

smaller metastable helium **ionization** detector than heretofore has existed. ...

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Introduction by Frank Scherb

spread, warm (10000 K) **ionized gas** that permeates the disks and halos of spiral

galaxies. When pulsars were discovered in the late 1960s, their dispersion ...

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http://astrophysics.gsfc.nasa.gov/xrays/boldt/BoldtSymp_Reynolds.pdf

Penning Ionization Gas -Discharge Source (PIGS)

Penning **ionization Gas**-Discharge Source (PIGS). Page PIGS_01 ·

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<http://wwwastro.msfc.nasa.gov/xraycal/xssrr/pigs/index.html>

Reionization and Structure Formation

By contrast, the WMAP satellite measurement of the polarization of the cosmic microwave background shows significant amounts of **ionized gas** at much larger ...
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Abstract: Sensitivity of gage for one **gas** can be correlated to its sensitivity for other gases by the ratio of **gas ionization** cross sections. ...
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