

What is there before the flare?



What is there before the flare?

Hinode can tell us where
Magnetic heating's brought to bear
Upon coronal plasma rare

An X-ray image just before
Shows the active-region core
To have some loops, and rather more
Emptiness, void loops in store

Does a flare loop coincide
With preflare loop, or lie beside?
The blink technique that we've applied
Allows us quickly to decide.

And thus we set an upper limit.
We must now interpret it;
To get a pre-flare pressure fit
RTV can help a bit

Conclusions we can now unfold:
The pre-flare plasma's thin and cold,
Do not believe the textbooks old
Hinode's worth its weight in gold

A curiosity indeed!
That flare occurrence seems to need
Cold voids to be there as a seed
Flare instability to breed.

Without loop interaction
Can we trust in reconnection?
Or can our (TBD) theory section
Invoke some brilliant new direction?