

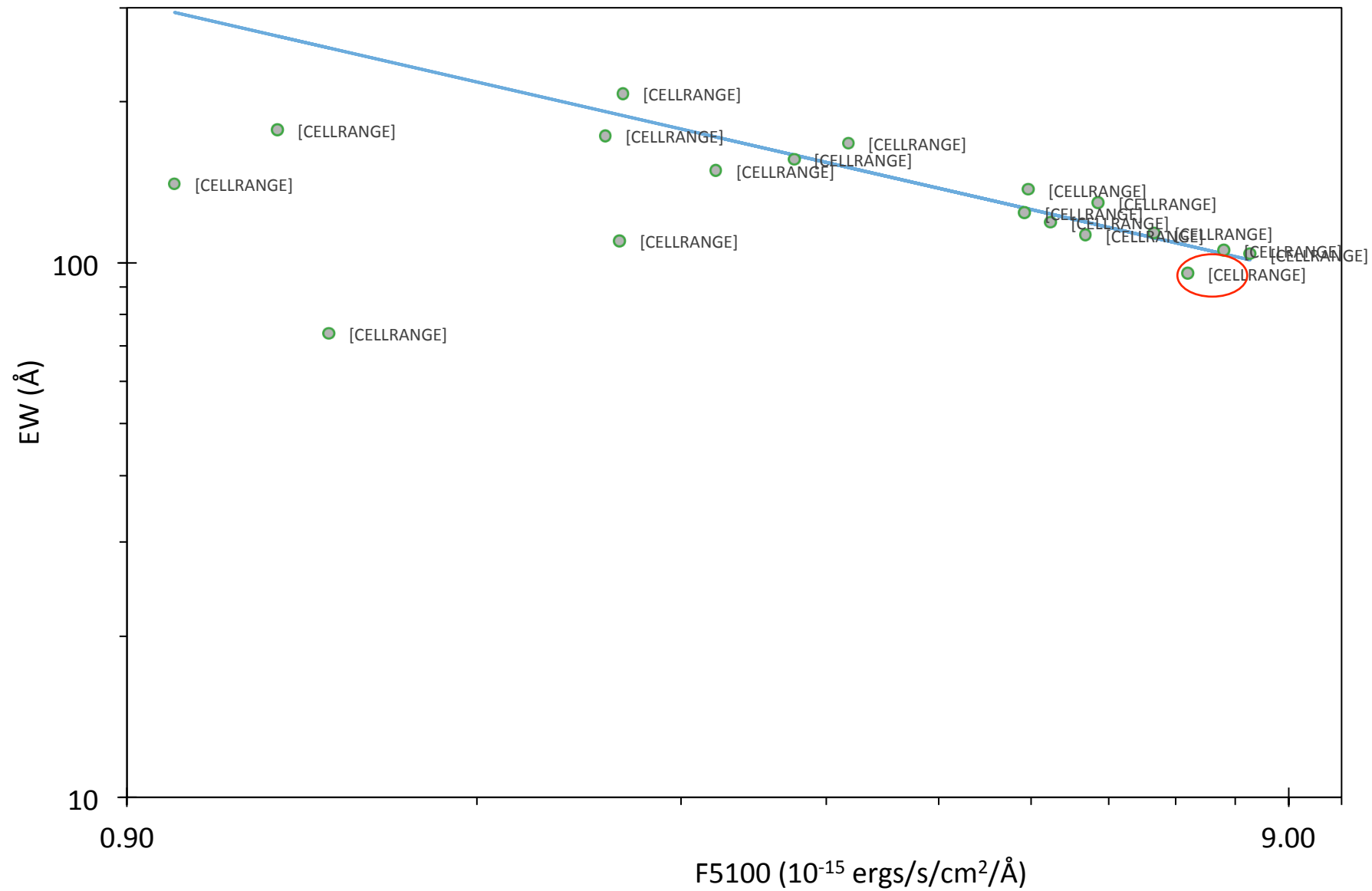
Is the 'X-ray Obscurer' the origin of the BLR Holiday?

- How do you *increase* the transparency of the obscurer during the anomaly, while simultaneously *decreasing* the transmitted ionizing continuum flux to explain the anomalous fall in the broad emission line fluxes? (Jerry's comment)
- What fraction of the BLR do the Obscurers obscure? Large? Small?
 - The broad emission lines Ly α and He II tell us that only 30% to 40% of the photons responsible for their production go missing during the anomaly.
 - If the obscurer is as black as has been suggested, then the Obscurers obscure ~30% of the BLR. But then....
- The integrated broad emission line fluxes during the anomaly are never lower than that observed during the minima outside of the anomaly when the broad emission lines and our proxy for the driving continuum are strongly correlated. (There is nothing unusual about the flux *level* of the broad emission lines during the anomaly.)
- It's been there for at least 6 years – what was (is) the Obscurer doing outside of the anomaly period?

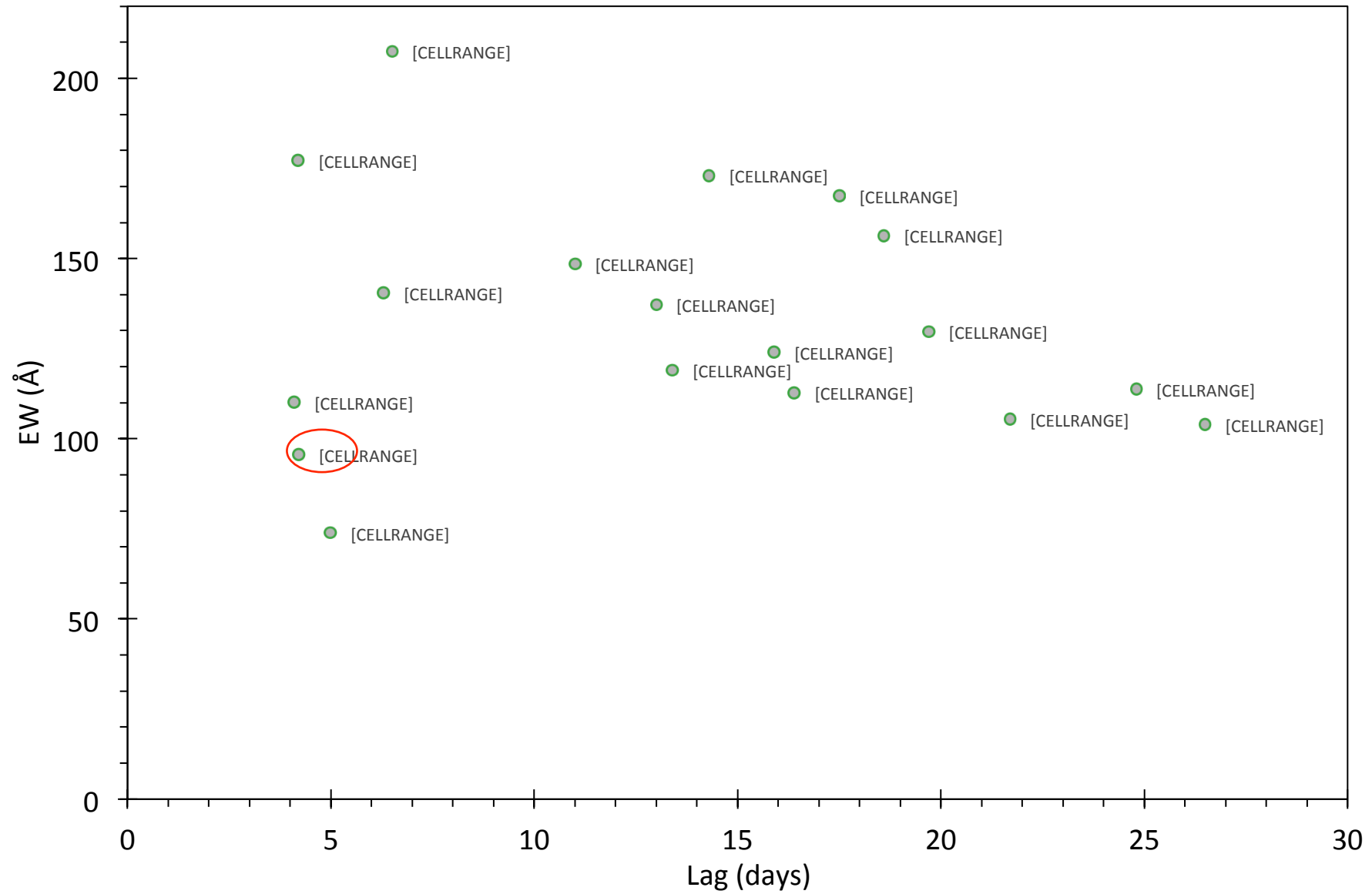
How does the AGN STORM campaign compare to others?

H β lag and EW, F₅₁₀₀.

EW vs. F5100



EW vs. Lag



Lag vs. F5100

