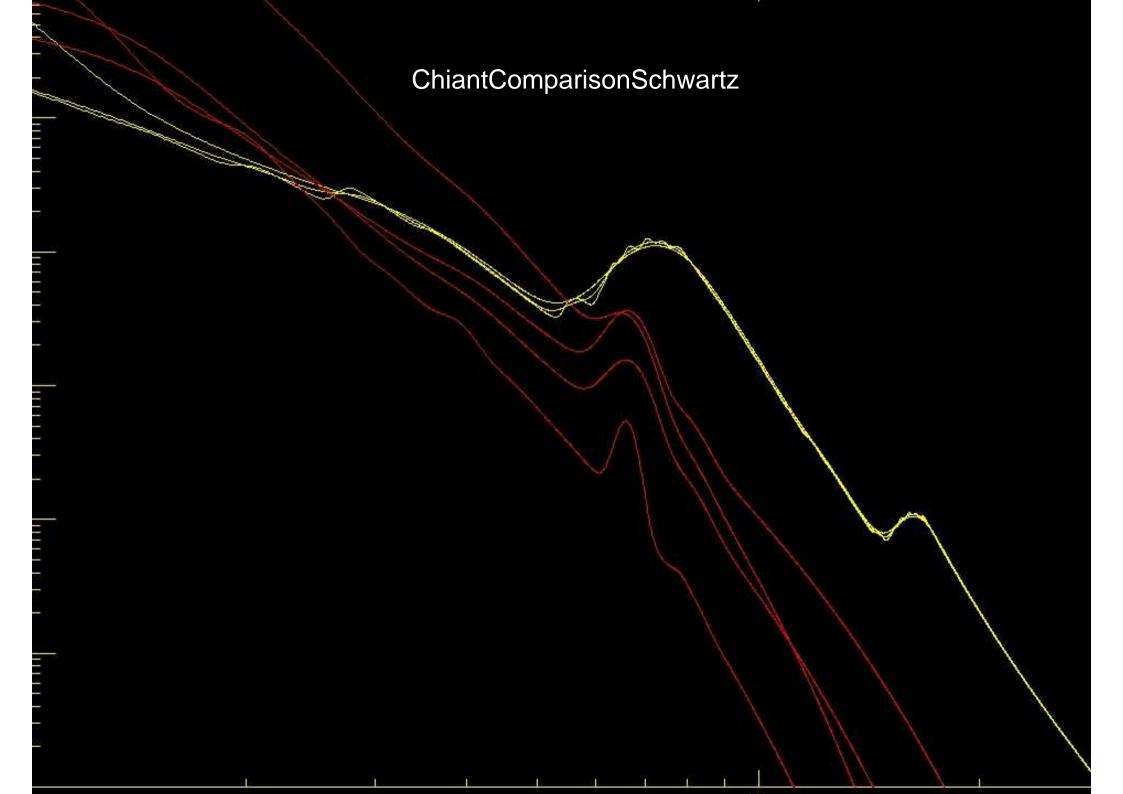
Is Recombination an important source of dekakeV XRs thermally at flare temperatures and nonthermally from beams?

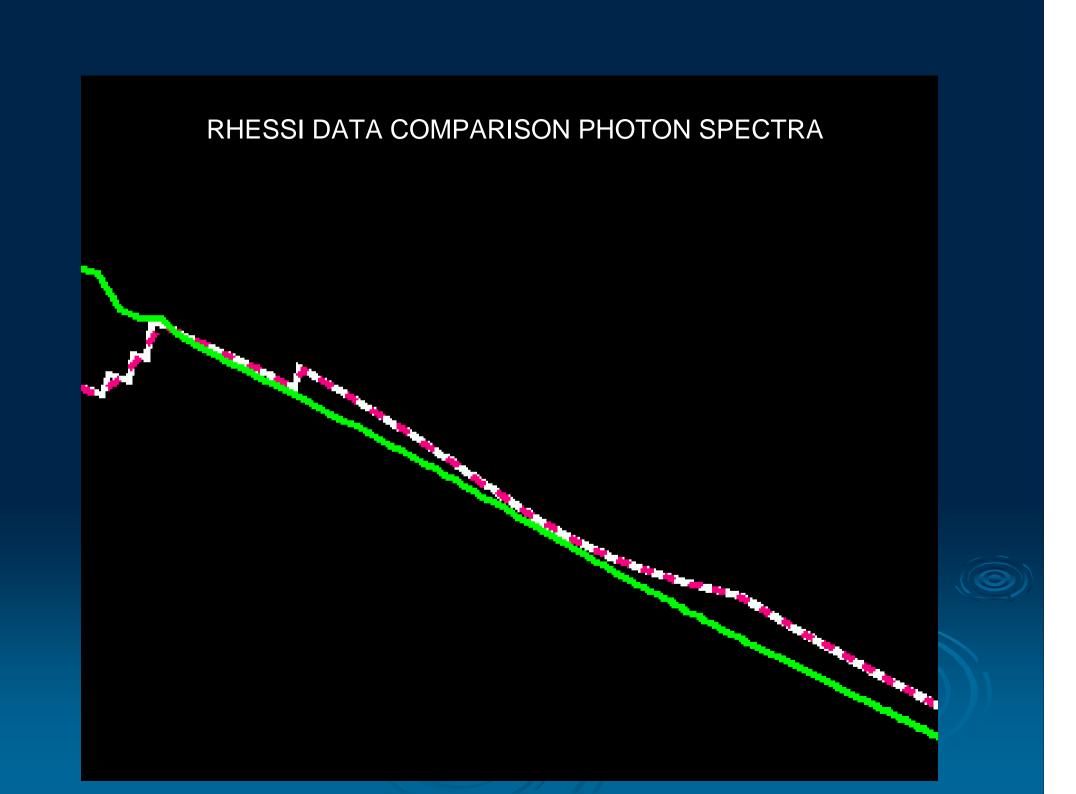
John Brown (Glasgow)
Procheta Mallik (Glasgow)

Brown & Mallik (Glasgow) claims 2008 A&A 481, 507 2009 ApJ 697, L6

Results discrepant with Chianti and RHESSI Even for the thermal continuum WHY ??
Recent collaboration with

- Eduard Kontar (Glasgow)
- Nigel Badnell (Strathclyde)
- Enrico Landi (NRL)
- Richard Schwartz (GSFC)





SO - Is Recombination an important source of dekakeV XRs thermally at flare temperatures and nonthermally from beams?

ANSWER?

Nothing like as important as Brown & Mallik claimed due to a blunder in our atomic physics.

However still significant in hot HXR sources (20-40MK) where it could still be key diagnostic of – Plasma n, T and nonthermal F(E) features

A paper on the revised results is in preparation