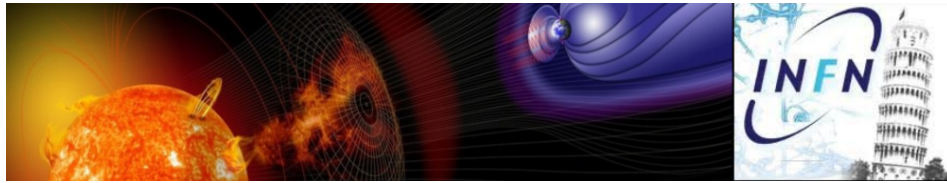


# RHESSI-20 Workshop: Preparing for the Next Decade in High-Energy Solar Physics Research



Contribution ID: 55

Type: **not specified**

## Gamma-ray Line Studies in Solar Flares

*Thursday, 8 July 2021 17:20 (20 minutes)*

We have updated the nuclear templates used in our fits to gamma-ray spectra and have corrected a systematic that we found in SMM/GRS data. We have now fit spectra from 19 SMM flare and 1 RHESSI flare clearly separating nuclear lines and continua from electron continua. We discuss these fits and information derived on the ambient composition of the solar atmosphere where the flare-accelerated particles interact and abundances and spectra of these particles.

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