

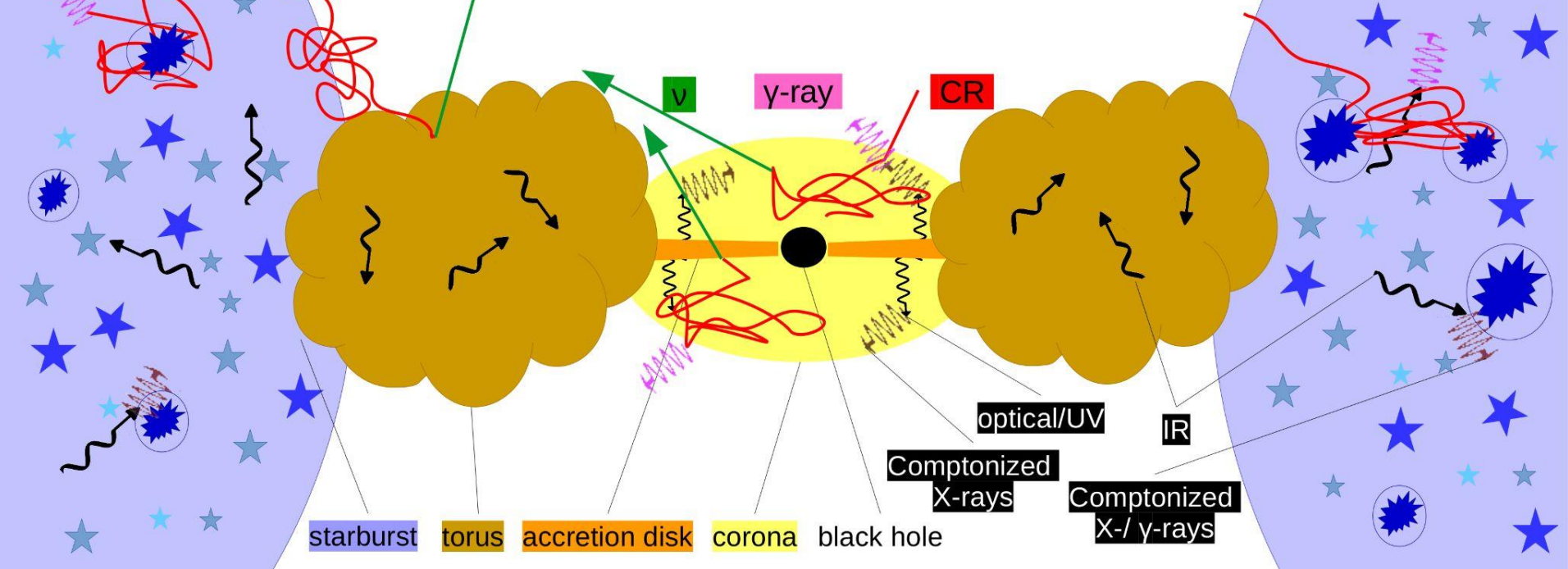
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# An AGN-starburst composite multi-messenger model of NGC 1068

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ICRC2021: Berlin | Germany, 12. - 23. Juli 2021



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# An **AGN-starburst composite** multi-messenger model of NGC 1068 ...in a flash

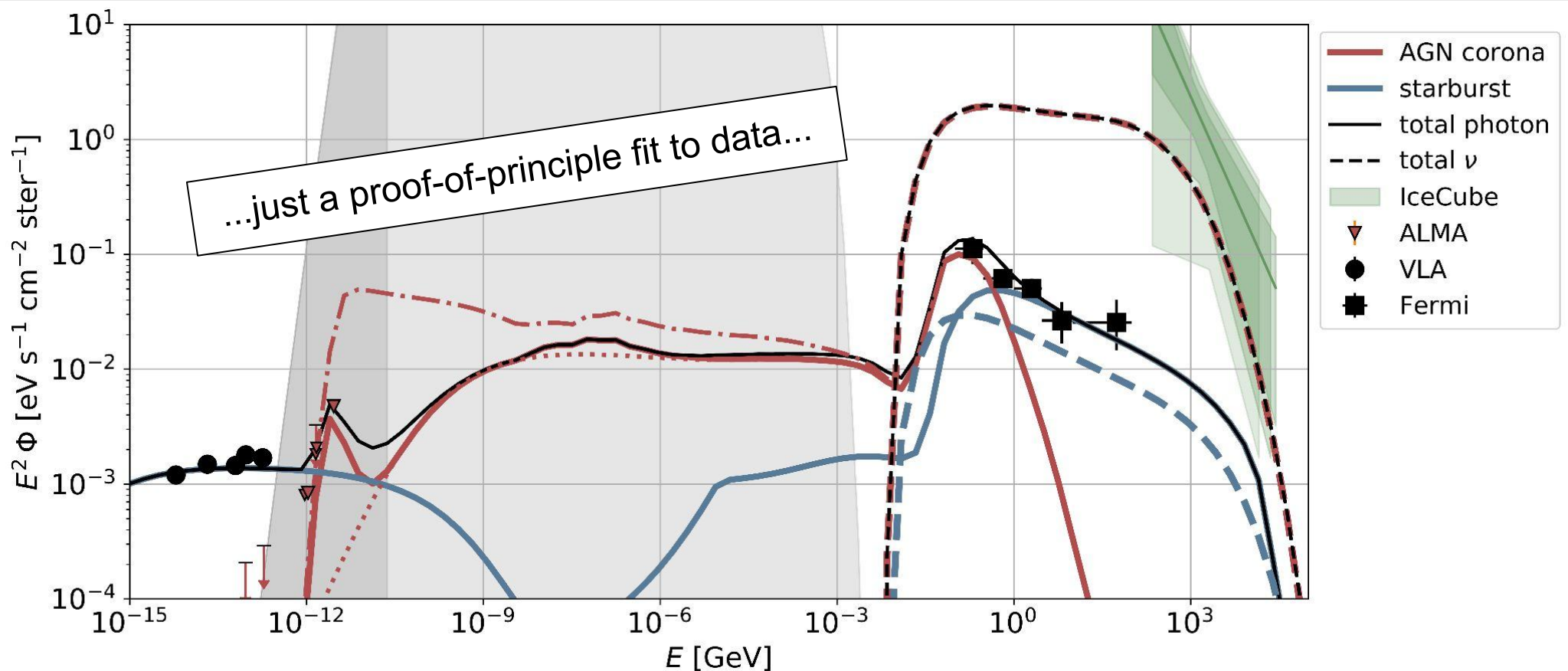
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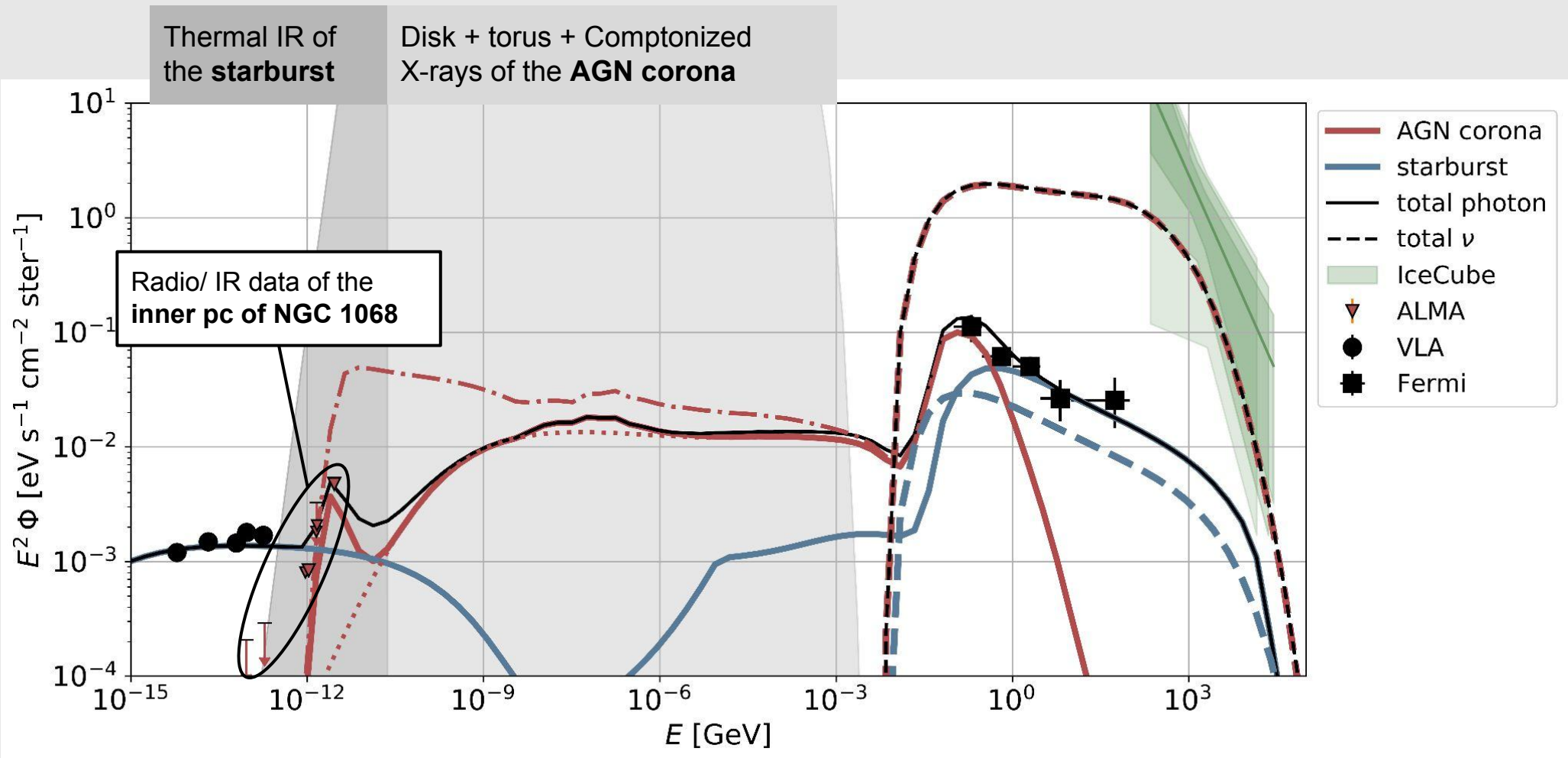
# Both starburst and AGN corona are needed to understand the emission from NGC 1068

Leptonic & hadronic emission including:

- maximal energy constraints from timescale analysis;
- same total number of injected protons and electrons;
- secondary electrons/ positrons from hadronic interactions;
- optical thickness of the AGN corona



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