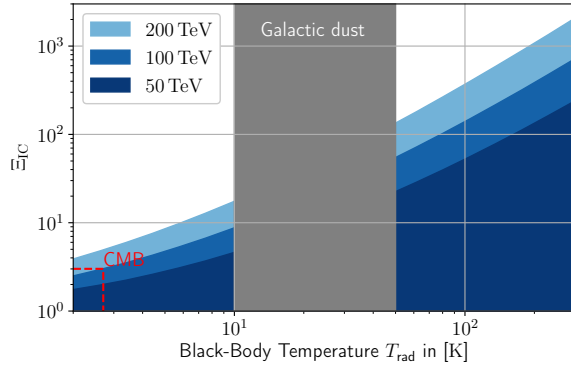


Can hard leptonic IC spectra be maintained until 100 TeV?

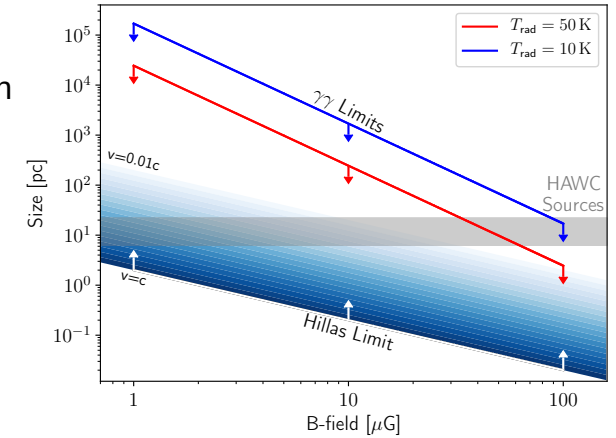
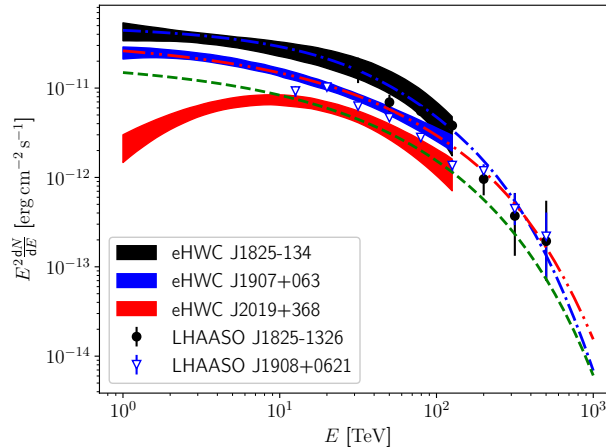
Solution: Equilibrium spectra in radiation dominated environments



Low temperatures require less energy density in radiation fields

- Possible sites in our galaxy require enhanced radiation fields and/or low B-fields
- Star forming regions or super-bubbles are ideal candidates

- Acceleration/confinement: lower limit on size
- Absorption: upper limit
- HAWC sources fulfill these constraints



- HAWC sources above 100 TeV can be explained with reasonable scenarios

- Redundancy in model parameters, information about IR fields, B-field, multiwavelength data and time dependent modelling necessary