

Simulations on millimeter and sub-millimeter emission from Sagittarius A*

Summary

Our best-fit model can reproduce the spectrum and polarization of Sgr A* in millimeter and shorter wavelengths and further predicts distinct LP and CP at ~ 1 THz. The model constraints the inclination angle of the MRI-driven torus as $40^\circ \pm 10^\circ$, and the position angle $120^\circ \pm 30^\circ$.

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