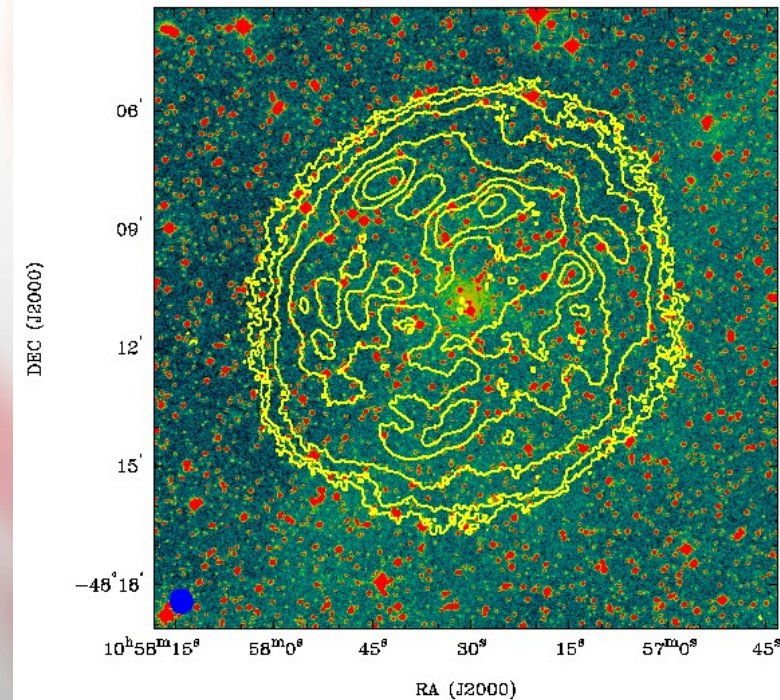




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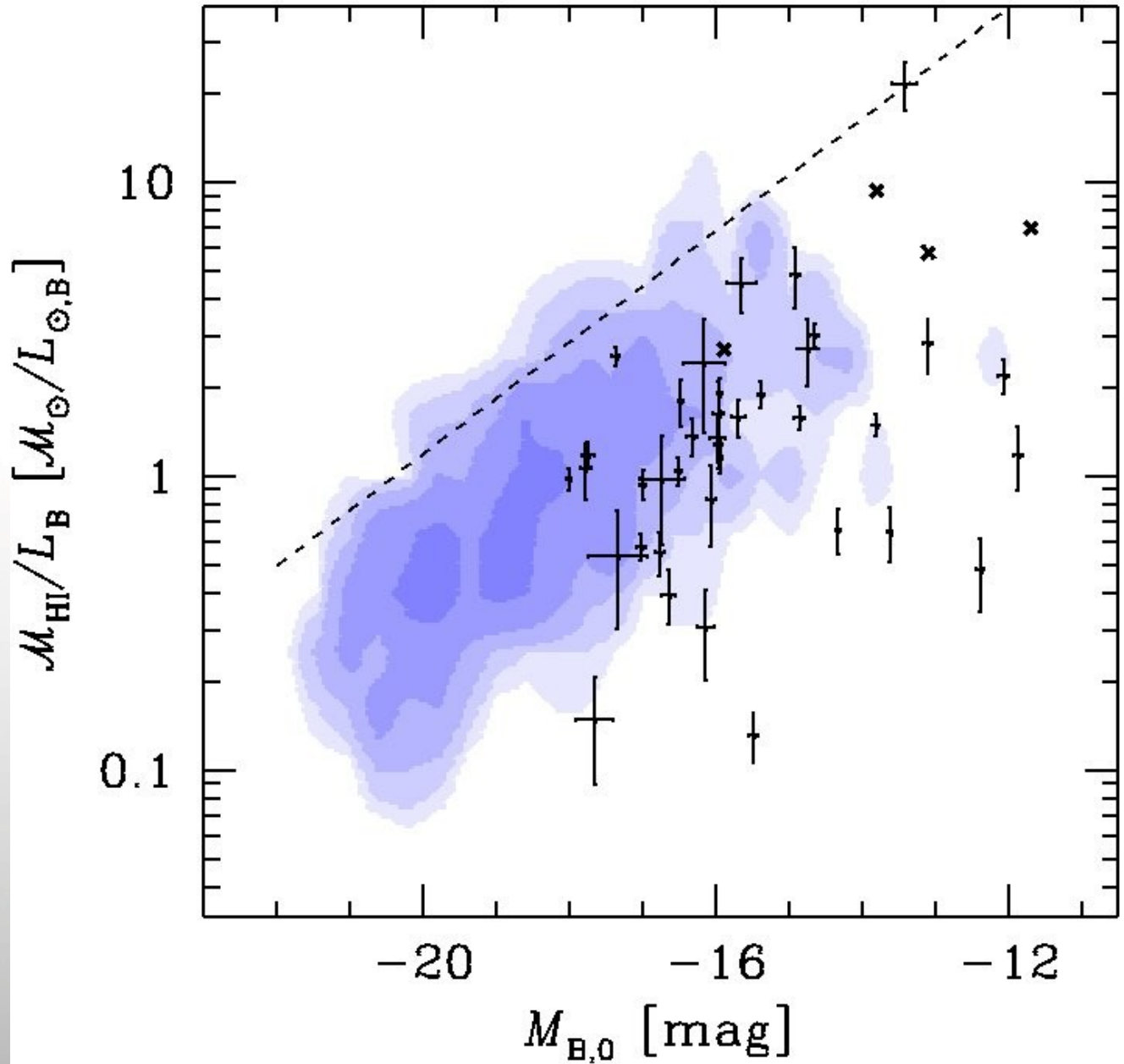
Finding HI-Rich Dwarf Galaxies in Existing and Future Surveys

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- Points with error bars from Warren et al. (2007).
- Crosses are previously known gas-rich galaxies.
- Blue density map is from the HIPASS Bright Galaxy Catalog (Koribalski et al. 2004) galaxies with optical data.
- Line marks upper envelope for $\mathcal{M}_{\text{HI}}/L_{\text{B}}$.





- Difference of HyperLEDA and Warren et al. (2007) apparent mag. vs $\mathcal{M}_{\text{HI}}/L_{\text{B}}$ using HyperLEDA.
- We preferentially select galaxies with underestimated optical magnitudes.
- Good optical data is crucial for good $\mathcal{M}_{\text{HI}}/L_{\text{B}}$ values.

