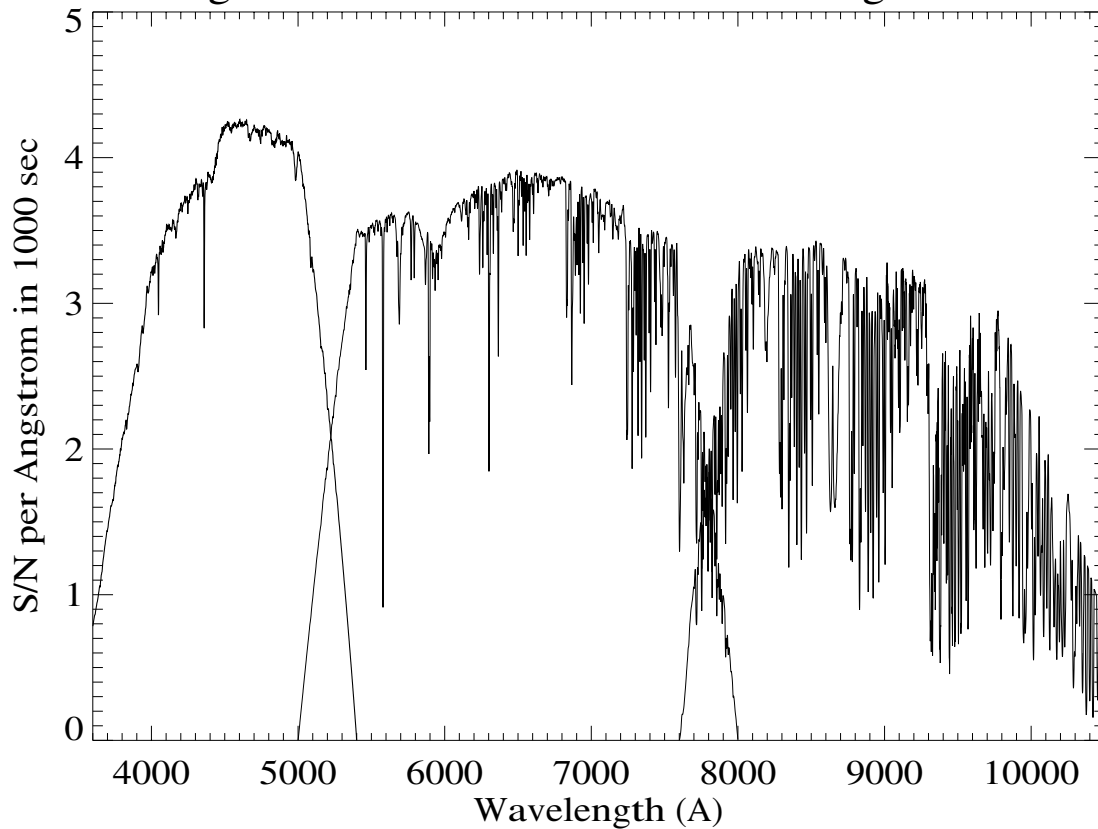


# BigBOSS Fact Sheet

| Parameter                      | Value               |
|--------------------------------|---------------------|
| Configuration                  | Mayall Prime-Focus  |
| Focal Plane Diameter           | 0.95 meters         |
| Linear Field of View Diameter  | 3.0 degrees         |
| Number of Fibers               | 5000                |
| Fiber Density                  | 713 per sq. deg     |
| Focal Plane Plate Scale        | 82.6 microns/arcsec |
| Fiber Center-to-Center Spacing | 12 mm               |
| Fiber Actuator Throw Diameter  | 3 arcmin            |
| Fiber Diameter                 | 1.45 arcsec         |
| Wavelength Coverage            | 360 - 1050 nm       |
| Resolution                     | 3000 - 4800         |
| Re-positioning Speed           | < 1 minute          |
| Re-positioning Accuracy        | < 20 microns        |

## BigBOSS Simulation for 21 AB mag Source



For more details, please see: <http://bigboss.lbl.gov/> and <http://arxiv.org/abs/0904.0468>