

# Port 041 – VLS-PGM

This beamline is SRC owned.

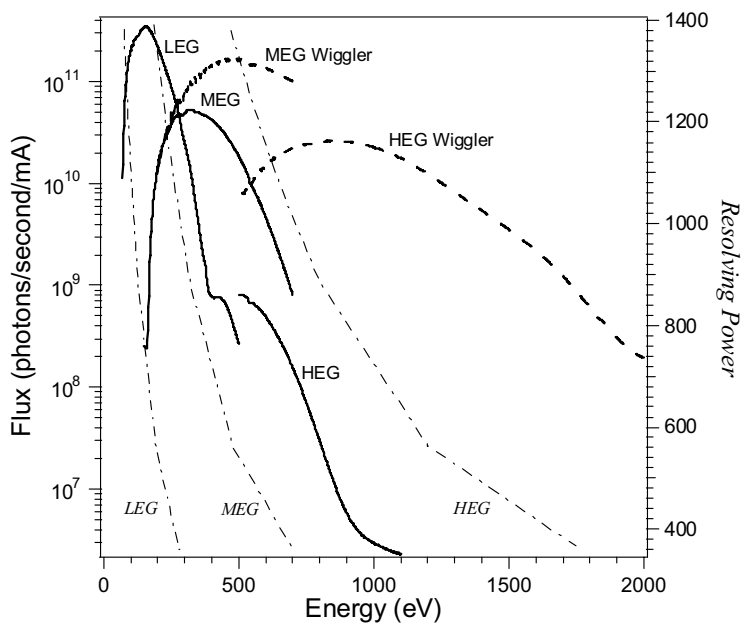
Updated April 2008

## Beamline

Varied Line Space Plane  
Grating Monochromator  
608-877-2048

## Manager

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## Technical

|                           |   |
|---------------------------|---|
| <b>Energy Range</b>       | 70 – 2000 eV  |
| <b>Flux</b>               | See graph above for slit = 0.05 mm (solid lines).   |
| <b>Resolving power</b>    | See graph above for slit = 0.05 mm (dashed lines).  |
| <b>Focused Spot</b>       | Spot position is 541 mm from exit valve flange and 1214 mm above floor. Beam slopes 3° downward<br>Spot size (horizontal x vertical) is ½ exit aperture x ½ exit slit |
| <b>Automation</b>         | SRC control and data acquisition program, slits, grating exchange.  |
| <b>Computer Interface</b> | RS 232 port slave mode.   |
| <b>Special Feature(s)</b> | U2 permanent magnet undulator source.   |