

# Port 041 – VLS-PGM

This beamline is SRC owned.

Updated June 2009

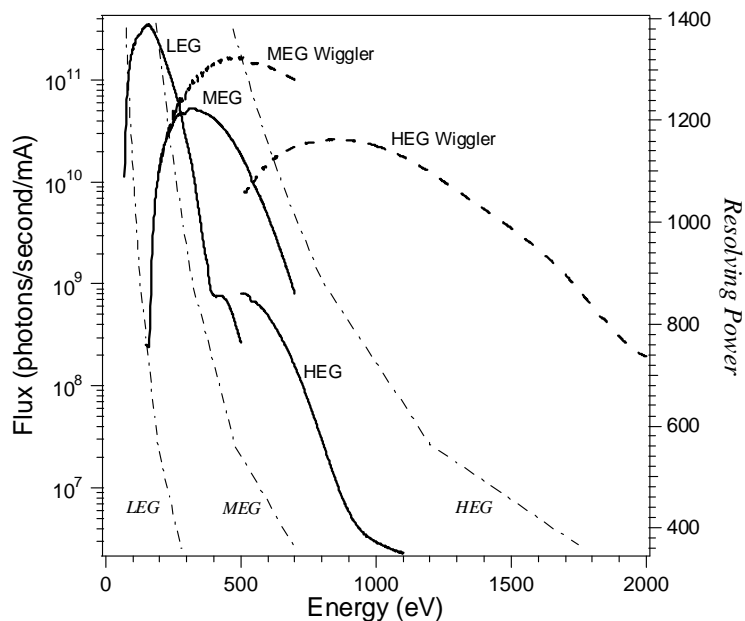
## Beamline

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 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.