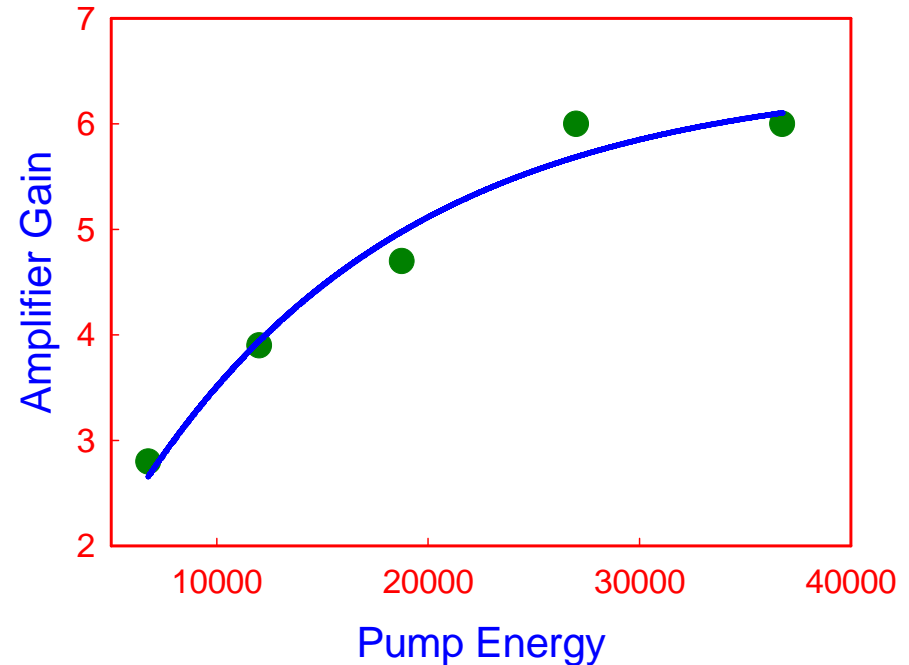


# Laser Disk Amplifier Module



**Nd:Phosphate glass disks**

**Size : 214mm x 114mm x 20mm**

**Doping : 2.2 wt% Nd<sub>2</sub>O<sub>3</sub>**

**Pump : 10 xenon lamps,  
600mm arc length**

**Power supply : Bipolar ± 3.5kV**

**Pump Energy = 20kJ**

**$E_L = 0.2 \text{ J / cm}^2$  : Gain ~ 5**

**$E_L = 1 \text{ J / cm}^2$  : Gain ~ 3.65**