The graph shows the evolution of $\alpha_s(\mu_R)$ with varying $\mu_R$ and $m_Z$.

- **H1 jets [NNLO]**
- **H1 jets [NNLO] ($\mu<2m_b$)**
- **World average [PDG16]**
- **JADE 3-jet rate [NNLO+NLLA+K]**
- **ALEPH $y_3$ (Dissertori, et al.) [NNLO]**
- **OPAL $y_{23}$ [NNLO]**
- **GFitter EW fit [$N^3LO$]**
- **CMS inclusive jets 8TeV [NLO]**

The data points are fitted with a blue line, representing the world average. The graph includes several data points for different experiments and fits, illustrating the consistency and variability in the measurements of $\alpha_s$.