Ultimate Curvature Ductility Per Axial Load Ratio

Legend:
- ○ 1*Axial Force = 522 kip
- ○ 6*Axial Force = 3132 kip
- ○ 9*Axial Force = 4698 kip
- ○ 12*Axial Force = 6264 kip

$P/(A_g*f_c)$ **0.0522**
$\mu_{\phi u}$ **14.61**

$P/(A_g*f_c)$ **0.293**
$\mu_{\phi u}$ **7.79**

$P/(A_g*f_c)$ **0.437**
$\mu_{\phi u}$ **6.54**

$P/(A_g*f_c)$ **0.581**
$\mu_{\phi u}$ **5.26**

Y-axis: Ultimate Ductility $\frac{\phi_{ul} \cdot D}{\lambda \epsilon_y}$

X-axis: Axial Load Ratio $\frac{P}{A_g \cdot f_c}$