以下是搜集的爆炸冲击波压力计算公式（单位Mpa），若Z范围取0.1-15，请绘图对比各公式间差异；

**Kinney：**

$$P\_{0}=\frac{8080\left[1+\left(\frac{Z}{4.5}\right)^{2}\right]}{\left[1+\left(\frac{Z}{0.048}\right)^{2}\right]\left[1+\left(\frac{Z}{0.32}\right)^{2}\right]\left[1+\left(\frac{Z}{1.35}\right)^{2}\right]}$$

**Baker：**

$$P\_{0}=\left\{\begin{array}{c}\frac{2.006}{Z}+\frac{0.194}{Z^{2}}-\frac{0.004}{Z^{3}} 0.05\leq Z\leq 0.5\\\frac{0.067}{Z}+\frac{0.301}{Z^{2}}+\frac{0.431}{Z^{3}} 1\leq Z\leq 10\end{array}\right.$$

**Mills：**

$$P\_{0}=\frac{0.108}{Z}-\frac{0.114}{Z^{2}}+\frac{1.772}{Z^{3}}$$

**叶晓华：**

$$P\_{0}=\frac{0.084}{Z}+\frac{0.27}{Z^{2}}+\frac{0.7}{Z^{3}}$$

------------------------------结束线------------------------------