$\mu_E = 100$
$\sigma_E = 40.00$
$v_E = 0.40$
$\gamma_E = (\mu_E - \alpha_E \cdot \beta_0 \cdot \sigma_E)/E_{char} = \mathbf{1.25}$

$\mu_R = 600$
$\sigma_R = 100.00$
$v_R = 0.17$
$\gamma_R = R_{char}/(\mu_R - \alpha_R \cdot \beta_0 \cdot \sigma_R) = \mathbf{1.47}$