% Diff vs Diff Ratio

① **% Diff:**

$$i_a = \frac{N_4 - N_1}{N_4} = \frac{\Delta N}{N_4}$$

$$i_i = 1 - i_a = 1 - \frac{\Delta N}{N_4} = \frac{N_4 - \Delta N}{N_4}$$

$$(N_1 = N_4 - \Delta N) \qquad\qquad = \boxed{\frac{N_1}{N_4}}$$

② **Diff Ratio:** $i_i = \boxed{\dfrac{N_1}{N_4}}$

Key:
$N_1 = 5501$ counts
$N_4 = 5504$ counts
$i_a = $ aniso index
$i_i = $ iso index
$\Delta N = N_4 - N_1$