LYSO 23 (10 cm)
01.03.2008
PMT Left: -2250V; PMT Right: -2160V
Att: 12 db, Source: Na-22

\[ y = m_1 \times e^{(M_0/m_2)} \]

\[ y = m_1 \times e^{(-M_0/m_2)} \]

\[ y = m_1 \times e^{(-2M_0/m_2)} \]

ADC Channels

\[ \chi^2 / \text{ndf} \]

\[ \text{Costant1} = 100.2 \pm 19.5 \]

\[ \text{Slope1} = 0.001025 \pm 0.000069 \]

\[ \text{Costant} = 102.2 \pm 2.1 \]

\[ \text{Mean_value} = 2811 \pm 2.5 \]

\[ \text{Sigma} = 136 \pm 2.2 \]

\[ \text{Costant2} = 6.536e+09 \pm 4909477376 \]

\[ \text{Slope2} = 0.01035 \pm 0.00045 \]

Sum (Position 5)

Counts

ADC_sum

Entries: 14456
Mean: 1715
RMS: 1039
\[ \chi^2 / \text{ndf} = 334.4 / 230 \]

\[ \text{Costant1} = 100.2 \pm 19.5 \]

\[ \text{Slope1} = 0.001025 \pm 0.000069 \]

\[ \text{Costant} = 102.2 \pm 2.1 \]

\[ \text{Mean_value} = 2811 \pm 2.5 \]

\[ \text{Sigma} = 136 \pm 2.2 \]

\[ \text{Costant2} = 6.536e+09 \pm 4909477376 \]

\[ \text{Slope2} = 0.01035 \pm 0.00045 \]