

Polarized ^3He Target Lab Status

Q-Curve and Water Calibration

March 16, 2002

Q-Curve:

Measurements from different times:

- December 2001, $Q = 52.24$
- March 2002, oven off, $Q = 52.02$
- March 2002, oven at $170\text{ }^\circ\text{C}$, $Q = 52.60$
- No noticeable difference in curves

Water Calibration (February 04, 2002):

- 600 sweeps
- $\text{Up}(\mu\text{V}/\%) = 1.703845\text{e}+09 \pm 2.339901\text{e}+07$
- $\text{Dn}(\mu\text{V}/\%) = 1.809124\text{e}+09 \pm 1.779783\text{e}+07$
- $\text{Sgn}(\mu\text{V}/\%) = 1.756485\text{e}+09 \pm 1.469929\text{e}+07$