

Møller Polarimeter Systematic Error (2005-2009)

<i>Variable</i>	<i>Error, %</i>
<i>Target</i>	<i>1.5</i>
<i>Analyzing power</i>	<i>0.3</i>
<i>Levchuk-effect</i>	<i>0.2</i>
<i>Dead time</i>	<i>0.3</i>
<i>Background</i>	<i>0.3</i>
<i>Others</i>	<i>0.5</i>
<i>Total</i>	<i>1.7</i>

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<i>Target</i>	<i>1.5</i>
<i>Analyzing power</i>	<i>0.3</i>
<i>Levchuk-effect</i>	<i>0.2</i>
<i>Dead time</i>	<i>0.3</i>
<i>Background</i>	<i>0.3</i>
<i>Beam energy fluctuation</i>	<i>1.0</i>
<i>Others</i>	<i>0.5</i>
<i>Total</i>	<i>2.0</i>

*- for experiments with polarization correction
on the beam energy fluctuation

Møller summaries for experiments:

- E06-010 - Transvercity
- E06-014 - d2n
- E05-015 - Quasi-Elastic
- E05-102 - Quasi-Elastic
- E05-109 - HAPPEX-III
- E08-011 - PVDIS

are posted on the Møller web page:

<http://www.jlab.org/~moller/>

Møller result on October 27

