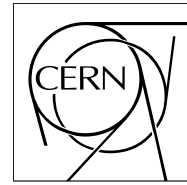


The Compact Muon Solenoid Experiment

**CMS Note**

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2  
3 Version 3

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# 4 Material Measurements Using Photon 5 Conversions

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## 8 Abstract

9  
10 Radiation length measurements of tracker material by measuring the amount of photons converting to  
11 electron positron pairs in the tracker volume.

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# <sup>20</sup> **1 Introduction**

<sup>21</sup> Introduction with this citation [1, 2]



### 23 **3 Photon Conversion Reconstruction**

### 24 **4 Analysis Strategy and Selection**

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### 26 **6 Results**

### 27 **References**

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### 34 **A Test Appendix**