

## Erratum to: Spin density matrix elements in exclusive $\omega$ electroproduction on $^1\text{H}$ and $^2\text{H}$ targets at 27.5 GeV beam energy

The HERMES Collaboration

A. Airapetian<sup>13,16</sup>, N. Akopov<sup>27</sup>, Z. Akopov<sup>6</sup>, W. Augustyniak<sup>26</sup>, A. Avetissian<sup>27</sup>, H. P. Blok<sup>18,25</sup>, A. Borissov<sup>6</sup>, V. Bryzgalov<sup>20</sup>, M. Capiluppi<sup>10a,10b</sup>, G. P. Capitani<sup>11</sup>, E. Cisbani<sup>22a,22b</sup>, G. Ciullo<sup>10a,10b</sup>, M. Contalbrigo<sup>10a</sup>, P. F. Dalpiaz<sup>10a,10b</sup>, W. Deconinck<sup>6</sup>, R. De Leo<sup>2</sup>, E. De Sanctis<sup>11</sup>, M. Diefenthaler<sup>9,15</sup>, P. Di Nezza<sup>11</sup>, M. Düren<sup>13</sup>, M. Ehrenfried<sup>13</sup>, G. Elbakian<sup>27</sup>, F. Ellinghaus<sup>5</sup>, E. Etzelmüller<sup>13</sup>, R. Fabbri<sup>7</sup>, L. Felawka<sup>23</sup>, S. Frullani<sup>22a,22b</sup>, D. Gabbert<sup>7</sup>, G. Gapienko<sup>20</sup>, V. Gapienko<sup>20</sup>, F. Garibaldi<sup>22a,22b</sup>, G. Gavrilo<sup>6,19,23</sup>, V. Gharibyan<sup>27</sup>, M. Hartig<sup>6</sup>, D. Hasch<sup>11</sup>, Y. Holler<sup>6</sup>, I. Hristova<sup>7</sup>, A. Ivanilov<sup>20</sup>, H. E. Jackson<sup>1</sup>, S. Joosten<sup>12,15</sup>, R. Kaiser<sup>14</sup>, G. Karyan<sup>27</sup>, T. Keri<sup>13</sup>, E. Kinney<sup>5</sup>, A. Kisselev<sup>19</sup>, V. Korotkov<sup>20</sup>, V. Kozlov<sup>17</sup>, P. Kravchenko<sup>19</sup>, V. G. Krivokhijine<sup>8</sup>, L. Lagamba<sup>2</sup>, L. Lapikás<sup>18</sup>, I. Lehmann<sup>14</sup>, P. Lenisa<sup>10a,10b</sup>, W. Lorenzon<sup>16</sup>, B.-Q. Ma<sup>3</sup>, D. Mahon<sup>14</sup>, S. I. Manaenkov<sup>19</sup>, Y. Mao<sup>3</sup>, B. Marianski<sup>26</sup>, H. Marukyan<sup>27</sup>, A. Movsisyan<sup>10a,27</sup>, M. Murray<sup>14</sup>, Y. Naryshkin<sup>19</sup>, A. Nass<sup>9</sup>, W.-D. Nowak<sup>7</sup>, L. L. Pappalardo<sup>10a,10b</sup>, R. Perez-Benito<sup>13</sup>, A. Petrosyan<sup>27</sup>, P. E. Reimer<sup>1</sup>, A. R. Reolon<sup>11</sup>, C. Riedl<sup>7,15</sup>, K. Rith<sup>9</sup>, A. Rostomyan<sup>6</sup>, D. Ryckbosch<sup>12</sup>, A. Schäfer<sup>21</sup>, G. Schnell<sup>4a,4b,12,a</sup>, K. P. Schüller<sup>6</sup>, B. Seitz<sup>14</sup>, T.-A. Shibata<sup>24</sup>, M. Stahl<sup>13</sup>, M. Stancari<sup>10a,10b</sup>, M. Statera<sup>10a,10b</sup>, E. Steffens<sup>9</sup>, J. J. M. Steijger<sup>18</sup>, S. Taroian<sup>27</sup>, A. Terkulov<sup>17</sup>, R. Truty<sup>15</sup>, A. Trzcinski<sup>26</sup>, M. Tytgat<sup>12</sup>, Y. Van Haarlem<sup>12</sup>, C. Van Hulse<sup>4a,12</sup>, V. Vikhrov<sup>19</sup>, I. Vilardi<sup>2</sup>, S. Wang<sup>3</sup>, S. Yaschenko<sup>6,9</sup>, S. Yen<sup>23</sup>, D. Zeiler<sup>9</sup>, B. Zihlmann<sup>6</sup>, P. Zupranski<sup>26</sup>

<sup>1</sup> Physics Division, Argonne National Laboratory, Argonne, IL 60439-4843, USA

<sup>2</sup> Sezione di Bari, Istituto Nazionale di Fisica Nucleare, 70124 Bari, Italy

<sup>3</sup> School of Physics, Peking University, Beijing 100871, China

<sup>4</sup> (a) Department of Theoretical Physics, University of the Basque Country UPV/EHU, 48080 Bilbao, Spain; (b) IKERBASQUE, Basque Foundation for Science, 48013 Bilbao, Spain

<sup>5</sup> Nuclear Physics Laboratory, University of Colorado, Boulder, CO 80309-0390, USA

<sup>6</sup> DESY, 22603 Hamburg, Germany

<sup>7</sup> DESY, 15738 Zeuthen, Germany

<sup>8</sup> Joint Institute for Nuclear Research, 141980 Dubna, Russia

<sup>9</sup> Physikalisches Institut, Universität Erlangen-Nürnberg, 91058 Erlangen, Germany

<sup>10</sup> (a) Sezione di Ferrara, Istituto Nazionale di Fisica Nucleare, 44122 Ferrara, Italy; (b) Dipartimento di Fisica e Scienze della Terra, Università di Ferrara, 44122 Ferrara, Italy

<sup>11</sup> Laboratori Nazionali di Frascati, Istituto Nazionale di Fisica Nucleare, 00044 Frascati, Italy

<sup>12</sup> Department of Physics and Astronomy, Ghent University, 9000 Gent, Belgium

<sup>13</sup> II. Physikalisches Institut, Justus-Liebig-Universität Gießen, 35392 Gießen, Germany

<sup>14</sup> SUPA, School of Physics and Astronomy, University of Glasgow, Glasgow G12 8QQ, UK

<sup>15</sup> Department of Physics, University of Illinois, Urbana, IL 61801-3080, USA

<sup>16</sup> Randall Laboratory of Physics, University of Michigan, Ann Arbor, MI 48109-1040, USA

<sup>17</sup> Lebedev Physical Institute, 117924 Moscow, Russia

<sup>18</sup> National Institute for Subatomic Physics (Nikhef), 1009 DB Amsterdam, The Netherlands

<sup>19</sup> B.P. Konstantinov Petersburg Nuclear Physics Institute, Gatchina 188300, Leningrad Region, Russia

<sup>20</sup> Institute for High Energy Physics, Protvino 142281, Moscow Region, Russia

<sup>21</sup> Institut für Theoretische Physik, Universität Regensburg, 93040 Regensburg, Germany

<sup>22</sup> (a) Sezione di Roma, Gruppo Collegato Sanità, Istituto Nazionale di Fisica Nucleare, 00161 Rome, Italy; (b) Istituto Superiore di Sanità, 00161 Rome, Italy

<sup>23</sup> TRIUMF, Vancouver, BC V6T 2A3, Canada

<sup>24</sup> Department of Physics, Tokyo Institute of Technology, Tokyo 152, Japan

<sup>25</sup> Department of Physics and Astronomy, VU University, 1081 HV Amsterdam, The Netherlands

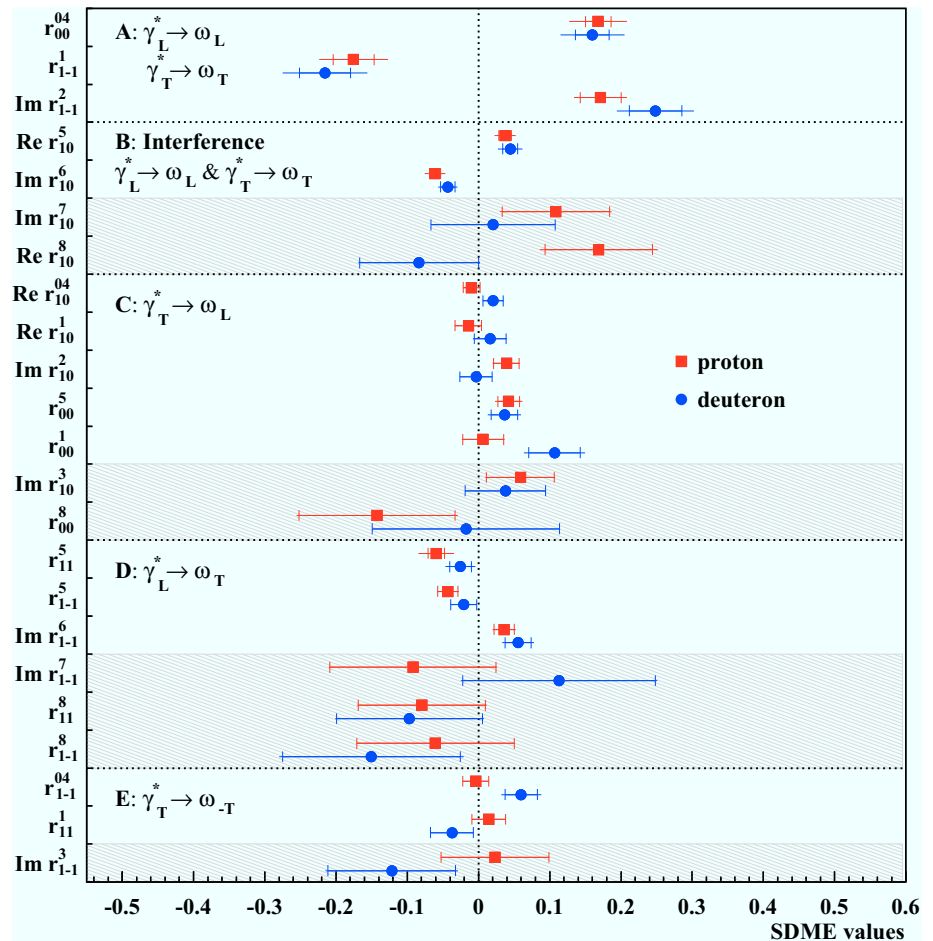
<sup>26</sup> National Centre for Nuclear Research, 00-689 Warsaw, Poland

<sup>27</sup> Yerevan Physics Institute, 375036 Yerevan, Armenia

**Erratum to: Eur. Phys. J. C (2014) 74:3110**  
**DOI 10.1140/epjc/s10052-014-3110-1**

It has been found that three of the spin-density matrix elements (SDMEs) in Fig. 6 of the published paper were incorrectly labeled. The labels have been fixed, while none of the results or conclusions have changed.

**Fig. 6** The 23 SDMEs for exclusive  $\omega$  electroproduction extracted in the entire HERMES kinematic region with  $\langle Q^2 \rangle = 2.42 \text{ GeV}^2$ ,  $\langle W \rangle = 4.8 \text{ GeV}$ ,  $\langle -t' \rangle = 0.080 \text{ GeV}^2$ . Proton data are denoted by *squares* and deuteron data by *circles*. The *inner error bars* represent the statistical uncertainties, while the *outer ones* indicate the statistical and systematic uncertainties added in quadrature. Unpolarized (polarized) SDMEs are displayed in the *unshaded* (*shaded*) areas



**Open Access** This article is distributed under the terms of the Creative Commons Attribution 4.0 International License (<http://creativecommons.org/licenses/by/4.0/>), which permits unrestricted use, distribution, and reproduction in any medium, provided you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons license, and indicate if changes were made. Funded by SCOAP<sup>3</sup>.

The online version of the original article can be found under doi:10.1140/epjc/s10052-014-3110-1.

<sup>a</sup>e-mail: [gunar.schnell@desy.de](mailto:gunar.schnell@desy.de)