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Erratum

Erratum to: “Search for first generation scalar leptoquarks in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector” [Phys. Lett. B 709 (2012) 158] ☆

ATLAS Collaboration *

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The legend of the y -axis of both figures in Fig. 4 should read $\sigma(pp \rightarrow LQ\bar{L}Q)$ as shown in the corrected Fig. 4 attached, rather than $\sigma \times BR$. This correction is purely presentational, and does not change any of the quoted results, nor the conclusions, of the original version of the Letter.

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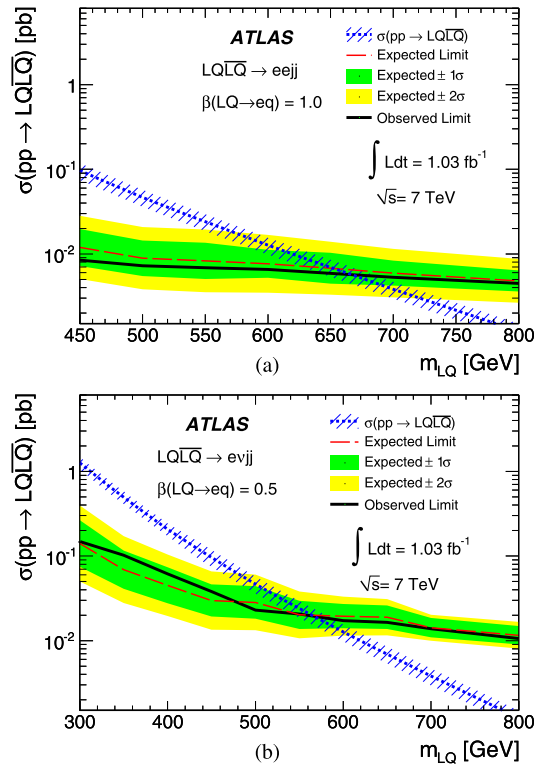


Fig. 4. (Corrected version.) 95% CL upper limit on the pair production cross section of the first generation leptoquarks for the $eejj$ channel at $\beta = 1.0$ (a) and for the $evjj$ channel at $\beta = 0.5$ (b). The solid lines indicate the individual observed limits, while the expected limits are indicated by the dashed lines. The theory prediction is indicated by the dotted line, which includes the systematic uncertainties due to the choice of the PDF and due to the renormalization and factorization scales. The dark green (light yellow) solid band contains 68% (95%) of possible outcomes from pseudo-experiments in which the yield is Poisson-fluctuated around the background-only expectation. (For interpretation of the references to color in this figure legend, the reader is referred to the web version of this Letter.)

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* E-mail address: atlas.publications@cern.ch.

ATLAS Collaboration

G. Aad⁴⁸, B. Abbott¹¹⁰, J. Abdallah¹¹, S. Abdel Khalek¹¹⁴, A.A. Abdelalim⁴⁹, A. Abdesselam¹¹⁷, O. Abidinov¹⁰, B. Abi¹¹¹, M. Abolins⁸⁷, O.S. AbouZeid¹⁵⁷, H. Abramowicz¹⁵², H. Abreu¹¹⁴, E. Acerbi^{88a,88b}, B.S. Acharya^{163a,163b}, L. Adamczyk³⁷, D.L. Adams²⁴, T.N. Addy⁵⁶, J. Adelman¹⁷⁴, M. Aderholz⁹⁸, S. Adomeit⁹⁷, P. Adragna⁷⁴, T. Adye¹²⁸, S. Aefsky²², J.A. Aguilar-Saavedra^{123b,a}, M. Aharrouche⁸⁰, S.P. Ahlen²¹, F. Ahles⁴⁸, A. Ahmad¹⁴⁷, M. Ahsan⁴⁰, G. Aielli^{132a,132b}, T. Akdogan^{18a}, T.P.A. Åkesson⁷⁸, G. Akimoto¹⁵⁴, A.V. Akimov⁹³, A. Akiyama⁶⁶, M.S. Alam¹, M.A. Alam⁷⁵, J. Albert¹⁶⁸, S. Albrand⁵⁵, M. Aleksa²⁹, I.N. Aleksandrov⁶⁴, F. Alessandria^{88a}, C. Alexa^{25a}, G. Alexander¹⁵², G. Alexandre⁴⁹, T. Alexopoulos⁹, M. Alhroob²⁰, M. Aliev¹⁵, G. Alimonti^{88a}, J. Alison¹¹⁹, M. Aliyev¹⁰, B.M.M. Allbrooke¹⁷, P.P. Allport⁷², S.E. Allwood-Spiers⁵³, J. Almond⁸¹, A. Aloisio^{101a,101b}, R. Alon¹⁷⁰, A. Alonso⁷⁸, B. Alvarez Gonzalez⁸⁷, M.G. Alviggi^{101a,101b}, K. Amako⁶⁵, P. Amaral²⁹, C. Amelung²², V.V. Ammosov¹²⁷, A. Amorim^{123a,b}, G. Amorós¹⁶⁶, N. Amram¹⁵², C. Anastopoulos²⁹, L.S. Ancu¹⁶, N. Andari¹¹⁴, T. Andeen³⁴, C.F. Anders²⁰, G. Anders^{58a}, K.J. Anderson³⁰, A. Andreazza^{88a,88b}, V. Andrei^{58a}, M-L. Andrieux⁵⁵, X.S. Anduaga⁶⁹, A. Angerami³⁴, F. Anghinolfi²⁹, A. Anisenkov¹⁰⁶, N. Anjos^{123a}, A. Annovi⁴⁷, A. Antonaki⁸, M. Antonelli⁴⁷, A. Antonov⁹⁵, J. Antos^{143b}, F. Anulli^{131a}, S. Aoun⁸², L. Aperio Bella⁴, R. Apolle^{117,c}, G. Arabidze⁸⁷, I. Aracena¹⁴², Y. Arai⁶⁵, A.T.H. Arce⁴⁴, J.P. Archambault²⁸, S. Arfaoui¹⁴⁷, J-F. Arguin¹⁴, E. Arik^{18a,*}, M. Arik^{18a}, A.J. Armbruster⁸⁶, O. Arnaez⁸⁰, V. Arnal⁷⁹, C. Arnault¹¹⁴, A. Artamonov⁹⁴, G. Artoni^{131a,131b}, D. Arutinov²⁰, S. Asai¹⁵⁴, R. Asfandiyarov¹⁷¹, S. Ask²⁷, B. Åsman^{145a,145b}, L. Asquith⁵, K. Assamagan²⁴, A. Astbury¹⁶⁸, A. Astvatsatourov⁵², B. Aubert⁴, E. Auge¹¹⁴, K. Augsten¹²⁶, M. Aurousseau^{144a}, G. Avolio¹⁶², R. Avramidou⁹, D. Axen¹⁶⁷, C. Ay⁵⁴, G. Azuelos^{92,d}, Y. Azuma¹⁵⁴, M.A. Baak²⁹, G. Baccaglioni^{88a}, C. Bacci^{133a,133b}, A.M. Bach¹⁴, H. Bachacou¹³⁵, K. Bachas²⁹, G. Bachy²⁹, M. Backes⁴⁹, M. Backhaus²⁰, E. Badescu^{25a}, P. Bagnaia^{131a,131b}, S. Bahinipati², Y. Bai^{32a}, D.C. Bailey¹⁵⁷, T. Bain¹⁵⁷, J.T. Baines¹²⁸, O.K. Baker¹⁷⁴, M.D. Baker²⁴, S. Baker⁷⁶, E. Banas³⁸, P. Banerjee⁹², Sw. Banerjee¹⁷¹, D. Banfi²⁹, A. Bangert¹⁴⁹, V. Bansal¹⁶⁸, H.S. Bansil¹⁷, L. Barak¹⁷⁰, S.P. Baranov⁹³, A. Barashkou⁶⁴, A. Barbaro Galtieri¹⁴, T. Barber⁴⁸, E.L. Barberio⁸⁵, D. Barberis^{50a,50b}, M. Barbero²⁰, D.Y. Bardin⁶⁴, T. Barillari⁹⁸, M. Barisonzi¹⁷³, T. Barklow¹⁴², N. Barlow²⁷, B.M. Barnett¹²⁸, R.M. Barnett¹⁴, A. Baroncelli^{133a}, G. Barone⁴⁹, A.J. Barr¹¹⁷, F. Barreiro⁷⁹, J. Barreiro Guimarães da Costa⁵⁷, P. Barrillon¹¹⁴, R. Bartoldus¹⁴², A.E. Barton⁷⁰, V. Bartsch¹⁴⁸, R.L. Bates⁵³, L. Batkova^{143a}, J.R. Batley²⁷, A. Battaglia¹⁶, M. Battistin²⁹, F. Bauer¹³⁵, H.S. Bawa^{142,e}, S. Beale⁹⁷, B. Beare¹⁵⁷, T. Beau⁷⁷, P.H. Beauchemin¹⁶⁰, R. Beccherle^{50a}, P. Bechtel²⁰, H.P. Beck¹⁶, A.K. Becker¹⁷³, S. Becker⁹⁷, M. Beckingham¹³⁷, K.H. Becks¹⁷³, A.J. Beddall^{18c}, A. Beddall^{18c}, S. Bedikian¹⁷⁴, V.A. Bednyakov⁶⁴, C.P. Bee⁸², M. Begel²⁴, S. Behar Harpaz¹⁵¹, P.K. Behera⁶², M. Beimforde⁹⁸, C. Belanger-Champagne⁸⁴, P.J. Bell⁴⁹, W.H. Bell⁴⁹, G. Bella¹⁵², L. Bellagamba^{19a}, F. Bellina²⁹, M. Bellomo²⁹, A. Belloni⁵⁷, O. Beloborodova^{106,f}, K. Belotskiy⁹⁵, O. Beltramello²⁹, S. BenAmi¹⁵¹, O. Benary¹⁵², D. Benchekroun^{134a}, C. Benchouk⁸², M. Bendel⁸⁰, K. Bendtz^{145a,145b}, N. Benekos¹⁶⁴, Y. Benhammou¹⁵², E. Benhar Noccioli⁴⁹, J.A. Benitez Garcia^{158b}, D.P. Benjamin⁴⁴, M. Benoit¹¹⁴, J.R. Bensinger²², K. Benslama¹²⁹, S. Bentvelsen¹⁰⁴, D. Berge²⁹, E. Bergeaas Kuutmann⁴¹, N. Berger⁴, F. Berghaus¹⁶⁸, E. Berglund¹⁰⁴, J. Beringer¹⁴, P. Bernat⁷⁶, R. Bernhard⁴⁸, C. Bernius²⁴, T. Berry⁷⁵, C. Bertella⁸², A. Bertin^{19a,19b}, F. Bertinelli²⁹, F. Bertolucci^{121a,121b}, M.I. Besana^{88a,88b}, N. Besson¹³⁵, S. Bethke⁹⁸, W. Bhimji⁴⁵, R.M. Bianchi²⁹, M. Bianco^{71a,71b}, O. Biebel⁹⁷, S.P. Bieniek⁷⁶, K. Bierwagen⁵⁴, J. Biesiada¹⁴, M. Biglietti^{133a}, H. Bilokon⁴⁷, M. Bindi^{19a,19b}, S. Binet¹¹⁴, A. Bingul^{18c}, C. Bini^{131a,131b}, C. Biscarat¹⁷⁶, U. Bitenc⁴⁸, K.M. Black²¹, R.E. Blair⁵, J.-B. Blanchard¹¹⁴, G. Blanchot²⁹, T. Blazek^{143a}, C. Blocker²², J. Blocki³⁸, A. Blondel⁴⁹, W. Blum⁸⁰, U. Blumenschein⁵⁴, G.J. Bobbink¹⁰⁴, V.B. Bobrovnikov¹⁰⁶, S.S. Bocchetta⁷⁸, A. Bocci⁴⁴, C.R. Boddy¹¹⁷, M. Boehler⁴¹, J. Boek¹⁷³, N. Boelaert³⁵, S. Böser⁷⁶, J.A. Bogaerts²⁹, A. Bogdanchikov¹⁰⁶, A. Bogouch^{89,*}, C. Boehm^{145a}, J. Boehm¹²⁴, V. Boisvert⁷⁵, T. Bold³⁷, V. Boldea^{25a}, N.M. Bolnet¹³⁵, M. Bomben⁷⁷, M. Bona⁷⁴, V.G. Bondarenko⁹⁵, M. Bondioli¹⁶², M. Boonekamp¹³⁵, G. Boorman⁷⁵, C.N. Booth¹³⁸, S. Bordini⁷⁷, C. Borer¹⁶, A. Borisov¹²⁷, G. Borissov⁷⁰, I. Borjanovic^{12a}, M. Borri⁸¹, S. Borroni⁸⁶, V. Bortolotto^{133a,133b}, K. Bos¹⁰⁴, D. Boscherini^{19a}, M. Bosman¹¹, H. Boterenbrood¹⁰⁴, D. Botterill¹²⁸, J. Bouchami⁹², J. Boudreau¹²², E.V. Bouhova-Thacker⁷⁰, D. Boumediene³³, C. Bourdarios¹¹⁴, N. Bousson⁸², A. Boveia³⁰, J. Boyd²⁹, I.R. Boyko⁶⁴, N.I. Bozhko¹²⁷, I. Bozovic-Jelisavcic^{12b}, J. Bracinik¹⁷, A. Braem²⁹, P. Branchini^{133a},

G.W. Brandenburg⁵⁷, A. Brandt⁷, G. Brandt¹¹⁷, O. Brandt⁵⁴, U. Bratzler¹⁵⁵, B. Brau⁸³, J.E. Brau¹¹³, H.M. Braun¹⁷³, B. Brelrier¹⁵⁷, J. Bremer²⁹, K. Brendlinger¹¹⁹, R. Brenner¹⁶⁵, S. Bressler¹⁷⁰, D. Breton¹¹⁴, D. Britton⁵³, F.M. Brochu²⁷, I. Brock²⁰, R. Brock⁸⁷, T.J. Brodbeck⁷⁰, E. Brodet¹⁵², F. Broggi^{88a}, C. Bromberg⁸⁷, J. Bronner⁹⁸, G. Brooijmans³⁴, W.K. Brooks^{31b}, G. Brown⁸¹, H. Brown⁷, P.A. Bruckman de Renstrom³⁸, D. Bruncko^{143b}, R. Bruneliere⁴⁸, S. Brunet⁶⁰, A. Bruni^{19a}, G. Bruni^{19a}, M. Bruschi^{19a}, T. Buanes¹³, Q. Buat⁵⁵, F. Bucci⁴⁹, J. Buchanan¹¹⁷, N.J. Buchanan², P. Buchholz¹⁴⁰, R.M. Buckingham¹¹⁷, A.G. Buckley⁴⁵, S.I. Buda^{25a}, I.A. Budagov⁶⁴, B. Budick¹⁰⁷, V. Büscher⁸⁰, L. Bugge¹¹⁶, O. Bulekov⁹⁵, A.C. Bundock⁷², M. Bunse⁴², T. Buran¹¹⁶, H. Burckhart²⁹, S. Burdin⁷², T. Burgess¹³, S. Burke¹²⁸, E. Busato³³, P. Bussey⁵³, C.P. Buszello¹⁶⁵, F. Butin²⁹, B. Butler¹⁴², J.M. Butler²¹, C.M. Buttar⁵³, J.M. Butterworth⁷⁶, W. Buttinger²⁷, S. Cabrera Urbán¹⁶⁶, D. Caforio^{19a,19b}, O. Cakir^{3a}, P. Calafiura¹⁴, G. Calderini⁷⁷, P. Calfayan⁹⁷, R. Calkins¹⁰⁵, L.P. Caloba^{23a}, R. Caloi^{131a,131b}, D. Calvet³³, S. Calvet³³, R. Camacho Toro³³, P. Camarri^{132a,132b}, M. Cambiaghi^{118a,118b}, D. Cameron¹¹⁶, L.M. Caminada¹⁴, S. Campana²⁹, M. Campanelli⁷⁶, V. Canale^{101a,101b}, F. Canelli^{30,g}, A. Canepa^{158a}, J. Cantero⁷⁹, R. Cantrill⁷⁵, L. Capasso^{101a,101b}, M.D.M. Capeans Garrido²⁹, I. Caprini^{25a}, M. Caprini^{25a}, D. Capriotti⁹⁸, M. Capua^{36a,36b}, R. Caputo⁸⁰, C. Caramarcu²⁴, R. Cardarelli^{132a}, T. Carli²⁹, G. Carlino^{101a}, L. Carminati^{88a,88b}, B. Caron⁸⁴, S. Caron¹⁰³, E. Carquin^{31b}, G.D. Carrillo Montoya¹⁷¹, A.A. Carter⁷⁴, J.R. Carter²⁷, J. Carvalho^{123a,h}, D. Casadei¹⁰⁷, M.P. Casado¹¹, M. Cascella^{121a,121b}, C. Caso^{50a,50b,*}, A.M. Castaneda Hernandez¹⁷¹, E. Castaneda-Miranda¹⁷¹, V. Castillo Gimenez¹⁶⁶, N.F. Castro^{123a}, G. Cataldi^{71a}, F. Cataneo²⁹, P. Catastini⁵⁷, A. Catinaccio²⁹, J.R. Catmore⁷⁰, A. Cattai²⁹, G. Cattani^{132a,132b}, S. Caughron⁸⁷, D. Cauz^{163a,163c}, P. Cavalleri⁷⁷, D. Cavalli^{88a}, M. Cavalli-Sforza¹¹, V. Cavasinni^{121a,121b}, F. Ceradini^{133a,133b}, A.S. Cerqueira^{23b}, A. Cerri²⁹, L. Cerrito⁷⁴, F. Cerutti⁴⁷, S.A. Cetin^{18b}, F. Cevenini^{101a,101b}, A. Chafaq^{134a}, D. Chakraborty¹⁰⁵, I. Chalupkova¹²⁵, K. Chan², B. Chapleau⁸⁴, J.D. Chapman²⁷, J.W. Chapman⁸⁶, E. Chareyre⁷⁷, D.G. Charlton¹⁷, V. Chavda⁸¹, C.A. Chavez Barajas²⁹, S. Cheatham⁸⁴, S. Chekanov⁵, S.V. Chekulaev^{158a}, G.A. Chelkov⁶⁴, M.A. Chelstowska¹⁰³, C. Chen⁶³, H. Chen²⁴, K. Chen¹⁴⁷, S. Chen^{32c}, T. Chen^{32c}, X. Chen¹⁷¹, S. Cheng^{32a}, A. Cheplakov⁶⁴, V.F. Chepurinov⁶⁴, R. Cherkaoui El Moursli^{134e}, V. Chernyatin²⁴, E. Cheu⁶, S.L. Cheung¹⁵⁷, L. Chevalier¹³⁵, G. Chiefari^{101a,101b}, L. Chikovani^{51a}, J.T. Childers²⁹, A. Chilingarov⁷⁰, G. Chiodini^{71a}, A.S. Chisholm¹⁷, R.T. Chislett⁷⁶, M.V. Chizhov⁶⁴, G. Choudalakis³⁰, S. Chouridou¹³⁶, I.A. Christidi⁷⁶, A. Christov⁴⁸, D. Chromek-Burckhart²⁹, M.L. Chu¹⁵⁰, J. Chudoba¹²⁴, G. Ciapetti^{131a,131b}, K. Ciba³⁷, A.K. Ciftci^{3a}, R. Ciftci^{3a}, D. Cinca³³, V. Cindro⁷³, M.D. Ciobotaru¹⁶², C. Ciocca^{19a}, A. Ciocio¹⁴, M. Cirilli⁸⁶, M. Citterio^{88a}, M. Ciubancan^{25a}, A. Clark⁴⁹, P.J. Clark⁴⁵, W. Cleland¹²², J.C. Clemens⁸², B. Clement⁵⁵, C. Clement^{145a,145b}, R.W. Clift¹²⁸, Y. Coadou⁸², M. Cobal^{163a,163c}, A. Coccaro¹⁷¹, J. Cochran⁶³, P. Coe¹¹⁷, J.G. Cogan¹⁴², J. Coggeshall¹⁶⁴, E. Cogneras¹⁷⁶, J. Colas⁴, A.P. Colijn¹⁰⁴, N.J. Collins¹⁷, C. Collins-Tooth⁵³, J. Collot⁵⁵, T. Colombo^{118a,118b}, G. Colon⁸³, P. Conde Muiño^{123a}, E. Coniavitis¹¹⁷, M.C. Conidi¹¹, M. Consonni¹⁰³, S.M. Consonni^{88a,88b}, V. Consorti⁴⁸, S. Constantinescu^{25a}, C. Conta^{118a,118b}, G. Conti⁵⁷, F. Conventi^{101a,i}, J. Cook²⁹, M. Cooke¹⁴, B.D. Cooper⁷⁶, A.M. Cooper-Sarkar¹¹⁷, K. Copic¹⁴, T. Cornelissen¹⁷³, M. Corradi^{19a}, F. Corriveau^{84,j}, A. Cortes-Gonzalez¹⁶⁴, G. Cortiana⁹⁸, G. Costa^{88a}, M.J. Costa¹⁶⁶, D. Costanzo¹³⁸, T. Costin³⁰, D. Côté²⁹, R. Coura Torres^{23a}, L. Courneyea¹⁶⁸, G. Cowan⁷⁵, C. Cowden²⁷, B.E. Cox⁸¹, K. Cranmer¹⁰⁷, F. Crescioli^{121a,121b}, M. Cristinziani²⁰, G. Crosetti^{36a,36b}, R. Crupi^{71a,71b}, S. Crépé-Renaudin⁵⁵, C.-M. Cuciuc^{25a}, C. Cuenca Almenar¹⁷⁴, T. Cuhadar Donszelmann¹³⁸, M. Curatolo⁴⁷, C.J. Curtis¹⁷, C. Cuthbert¹⁴⁹, P. Cwetanski⁶⁰, H. Czirr¹⁴⁰, P. Czodrowski⁴³, Z. Czyzula¹⁷⁴, S. D'Auria⁵³, M. D'Onofrio⁷², A. D'Orazio^{131a,131b}, P.V.M. Da Silva^{23a}, C. Da Via⁸¹, W. Dabrowski³⁷, A. Dafinca¹¹⁷, T. Dai⁸⁶, C. Dallapiccola⁸³, M. Dam³⁵, M. Dameri^{50a,50b}, D.S. Damiani¹³⁶, H.O. Danielsson²⁹, D. Dannheim⁹⁸, V. Dao⁴⁹, G. Darbo^{50a}, G.L. Darlea^{25b}, C. Daum¹⁰⁴, W. Davey²⁰, T. Davidek¹²⁵, N. Davidson⁸⁵, R. Davidson⁷⁰, E. Davies^{117,c}, M. Davies⁹², A.R. Davison⁷⁶, Y. Davygora^{58a}, E. Dawe¹⁴¹, I. Dawson¹³⁸, J.W. Dawson^{5,*}, R.K. Daya-Ishmukhametova²², K. De⁷, R. de Asmundis^{101a}, S. De Castro^{19a,19b}, P.E. De Castro Faria Salgado²⁴, S. De Cecco⁷⁷, J. de Graat⁹⁷, N. De Groot¹⁰³, P. de Jong¹⁰⁴, C. De La Taille¹¹⁴, H. De la Torre⁷⁹, F. De Lorenzi⁶³, B. De Lotto^{163a,163c}, L. de Mora⁷⁰, L. De Nooij¹⁰⁴, D. De Pedis^{131a}, A. De Salvo^{131a}, U. De Sanctis^{163a,163c}, A. De Santo¹⁴⁸, J.B. De Vivie De Regie¹¹⁴, G. De Zorzi^{131a,131b}, S. Dean⁷⁶, W.J. Dearnaley⁷⁰, R. Debbé²⁴, C. Debenedetti⁴⁵, B. Dechenaux⁵⁵, D.V. Dedovich⁶⁴, J. Degenhardt¹¹⁹, M. Dehchar¹¹⁷,

C. Del Papa ^{163a,163c}, J. Del Peso ⁷⁹, T. Del Prete ^{121a,121b}, T. Delemontex ⁵⁵, M. Deliyergiyev ⁷³,
A. Dell'Acqua ²⁹, L. Dell'Asta ²¹, M. Della Pietra ^{101a,i}, D. della Volpe ^{101a,101b}, M. Delmastro ⁴,
N. Delruelle ²⁹, P.A. Delsart ⁵⁵, C. Deluca ¹⁴⁷, S. Demers ¹⁷⁴, M. Demichev ⁶⁴, B. Demirkoz ^{11,k}, J. Deng ¹⁶²,
S.P. Denisov ¹²⁷, D. Derendarz ³⁸, J.E. Derkaoui ^{134d}, F. Derue ⁷⁷, P. Dervan ⁷², K. Desch ²⁰, E. Devetak ¹⁴⁷,
P.O. Deviveiros ¹⁰⁴, A. Dewhurst ¹²⁸, B. DeWilde ¹⁴⁷, S. Dhaliwal ¹⁵⁷, R. Dhullipudi ^{24,l},
A. Di Ciaccio ^{132a,132b}, L. Di Ciaccio ⁴, A. Di Girolamo ²⁹, B. Di Girolamo ²⁹, S. Di Luise ^{133a,133b},
A. Di Mattia ¹⁷¹, B. Di Micco ²⁹, R. Di Nardo ⁴⁷, A. Di Simone ^{132a,132b}, R. Di Sipio ^{19a,19b}, M.A. Diaz ^{31a},
F. Diblen ^{18c}, E.B. Diehl ⁸⁶, J. Dietrich ⁴¹, T.A. Dietzsch ^{58a}, S. Diglio ⁸⁵, K. Dindar Yagci ³⁹, J. Dingfelder ²⁰,
C. Dionisi ^{131a,131b}, P. Dita ^{25a}, S. Dita ^{25a}, F. Dittus ²⁹, F. Djama ⁸², T. Djobava ^{51b}, M.A.B. do Vale ^{23c},
A. Do Valle Wemans ^{123a}, T.K.O. Doan ⁴, M. Dobbs ⁸⁴, R. Dobinson ^{29,*}, D. Dobos ²⁹, E. Dobson ^{29,m},
J. Dodd ³⁴, C. Doglioni ⁴⁹, T. Doherty ⁵³, Y. Doi ^{65,*}, J. Dolejsi ¹²⁵, I. Dolenc ⁷³, Z. Dolezal ¹²⁵,
B.A. Dolgoshein ^{95,*}, T. Dohmae ¹⁵⁴, M. Donadelli ^{23d}, M. Donega ¹¹⁹, J. Donini ³³, J. Dopke ²⁹, A. Doria ^{101a},
A. Dos Anjos ¹⁷¹, M. Dosil ¹¹, A. Dotti ^{121a,121b}, M.T. Dova ⁶⁹, J.D. Dowell ¹⁷, A.D. Doxiadis ¹⁰⁴, A.T. Doyle ⁵³,
Z. Drasal ¹²⁵, J. Drees ¹⁷³, N. Dressnandt ¹¹⁹, H. Drevermann ²⁹, C. Driouichi ³⁵, M. Dris ⁹, J. Dubbert ⁹⁸,
S. Dube ¹⁴, E. Duchovni ¹⁷⁰, G. Duckeck ⁹⁷, A. Dudarev ²⁹, F. Dudziak ⁶³, M. Dührssen ²⁹, I.P. Duerdoth ⁸¹,
L. Duflot ¹¹⁴, M-A. Dufour ⁸⁴, M. Dunford ²⁹, H. Duran Yildiz ^{3a}, R. Duxfield ¹³⁸, M. Dwuznik ³⁷,
F. Dydak ²⁹, M. Düren ⁵², W.L. Ebenstein ⁴⁴, J. Ebke ⁹⁷, S. Eckweiler ⁸⁰, K. Edmonds ⁸⁰, C.A. Edwards ⁷⁵,
N.C. Edwards ⁵³, W. Ehrenfeld ⁴¹, T. Ehrich ⁹⁸, T. Eifert ¹⁴², G. Eigen ¹³, K. Einsweiler ¹⁴, E. Eisenhandler ⁷⁴,
T. Ekelof ¹⁶⁵, M. El Kacimi ^{134c}, M. Ellert ¹⁶⁵, S. Elles ⁴, F. Ellinghaus ⁸⁰, K. Ellis ⁷⁴, N. Ellis ²⁹,
J. Elmsheuser ⁹⁷, M. Elsing ²⁹, D. Emelianov ¹²⁸, R. Engelmann ¹⁴⁷, A. Engl ⁹⁷, B. Epp ⁶¹, A. Eppig ⁸⁶,
J. Erdmann ⁵⁴, A. Ereditato ¹⁶, D. Eriksson ^{145a}, J. Ernst ¹, M. Ernst ²⁴, J. Ernwein ¹³⁵, D. Errede ¹⁶⁴,
S. Errede ¹⁶⁴, E. Ertel ⁸⁰, M. Escalier ¹¹⁴, C. Escobar ¹²², X. Espinal Curull ¹¹, B. Esposito ⁴⁷, F. Etienne ⁸²,
A.I. Etievre ¹³⁵, E. Etzion ¹⁵², D. Evangelakou ⁵⁴, H. Evans ⁶⁰, L. Fabbri ^{19a,19b}, C. Fabre ²⁹,
R.M. Fakhruddinov ¹²⁷, S. Falciano ^{131a}, Y. Fang ¹⁷¹, M. Fanti ^{88a,88b}, A. Farbin ⁷, A. Farilla ^{133a}, J. Farley ¹⁴⁷,
T. Farooque ¹⁵⁷, S. Farrell ¹⁶², S.M. Farrington ¹¹⁷, P. Farthouat ²⁹, P. Fassnacht ²⁹, D. Fassouliotis ⁸,
B. Fatholahzadeh ¹⁵⁷, A. Favareto ^{88a,88b}, L. Fayard ¹¹⁴, S. Fazio ^{36a,36b}, R. Febbraro ³³, P. Federic ^{143a},
O.L. Fedin ¹²⁰, W. Fedorko ⁸⁷, M. Fehling-Kaschek ⁴⁸, L. Feligioni ⁸², D. Fellmann ⁵, C. Feng ^{32d}, E.J. Feng ³⁰,
A.B. Fenyuk ¹²⁷, J. Ferencei ^{143b}, J. Ferland ⁹², W. Fernando ¹⁰⁸, S. Ferrag ⁵³, J. Ferrando ⁵³, V. Ferrara ⁴¹,
A. Ferrari ¹⁶⁵, P. Ferrari ¹⁰⁴, R. Ferrari ^{118a}, D.E. Ferreira de Lima ⁵³, A. Ferrer ¹⁶⁶, M.L. Ferrer ⁴⁷,
D. Ferrere ⁴⁹, C. Ferretti ⁸⁶, A. Ferretto Parodi ^{50a,50b}, M. Fiascaris ³⁰, F. Fiedler ⁸⁰, A. Filipčič ⁷³,
A. Filippas ⁹, F. Filthaut ¹⁰³, M. Fincke-Keeler ¹⁶⁸, M.C.N. Fiolhais ^{123a,h}, L. Fiorini ¹⁶⁶, A. Firan ³⁹,
G. Fischer ⁴¹, M.J. Fisher ¹⁰⁸, P. Fischer ²⁰, M. Flechl ⁴⁸, I. Fleck ¹⁴⁰, J. Fleckner ⁸⁰, P. Fleischmann ¹⁷²,
S. Fleischmann ¹⁷³, T. Flick ¹⁷³, A. Floderus ⁷⁸, L.R. Flores Castillo ¹⁷¹, M.J. Flowerdew ⁹⁸, M. Fokitis ⁹,
T. Fonseca Martin ¹⁶, D.A. Forbush ¹³⁷, A. Formica ¹³⁵, A. Forti ⁸¹, D. Fortin ^{158a}, J.M. Foster ⁸¹,
D. Fournier ¹¹⁴, A. Foussat ²⁹, A.J. Fowler ⁴⁴, K. Fowler ¹³⁶, H. Fox ⁷⁰, P. Francavilla ¹¹, S. Franchino ^{118a,118b},
D. Francis ²⁹, T. Frank ¹⁷⁰, M. Franklin ⁵⁷, S. Franz ²⁹, M. Fraternali ^{118a,118b}, S. Fratina ¹¹⁹, S.T. French ²⁷,
C. Friedrich ⁴¹, F. Friedrich ⁴³, R. Froeschl ²⁹, D. Froidevaux ²⁹, J.A. Frost ²⁷, C. Fukunaga ¹⁵⁵,
E. Fullana Torregrosa ²⁹, B.G. Fulsom ¹⁴², J. Fuster ¹⁶⁶, C. Gabaldon ²⁹, O. Gabizon ¹⁷⁰, T. Gadfort ²⁴,
S. Gadomski ⁴⁹, G. Gagliardi ^{50a,50b}, P. Gagnon ⁶⁰, C. Galea ⁹⁷, E.J. Gallas ¹¹⁷, V. Gallo ¹⁶, B.J. Gallop ¹²⁸,
P. Gallus ¹²⁴, K.K. Gan ¹⁰⁸, Y.S. Gao ^{142,e}, V.A. Gapienko ¹²⁷, A. Gaponenko ¹⁴, F. Garbersson ¹⁷⁴,
M. Garcia-Sciveres ¹⁴, C. García ¹⁶⁶, J.E. García Navarro ¹⁶⁶, R.W. Gardner ³⁰, N. Garelli ²⁹,
H. Garitaonandia ¹⁰⁴, V. Garonne ²⁹, J. Garvey ¹⁷, C. Gatti ⁴⁷, G. Gaudio ^{118a}, O. Gaumer ⁴⁹, B. Gaur ¹⁴⁰,
L. Gauthier ¹³⁵, P. Gauzzi ^{131a,131b}, I.L. Gavrilenko ⁹³, C. Gay ¹⁶⁷, G. Gaycken ²⁰, J-C. Gayde ²⁹, E.N. Gazis ⁹,
P. Ge ^{32d}, Z. Gece ¹⁶⁷, C.N.P. Gee ¹²⁸, D.A.A. Geerts ¹⁰⁴, Ch. Geich-Gimbel ²⁰, K. Gellerstedt ^{145a,145b},
C. Gemme ^{50a}, A. Gemmell ⁵³, M.H. Genest ⁵⁵, S. Gentile ^{131a,131b}, M. George ⁵⁴, S. George ⁷⁵, P. Gerlach ¹⁷³,
A. Gershon ¹⁵², C. Geweniger ^{58a}, H. Ghazlane ^{134b}, N. Ghodbane ³³, B. Giacobbe ^{19a}, S. Giagu ^{131a,131b},
V. Giakoumopoulou ⁸, V. Giangiobbe ¹¹, F. Gianotti ²⁹, B. Gibbard ²⁴, A. Gibson ¹⁵⁷, S.M. Gibson ²⁹,
L.M. Gilbert ¹¹⁷, V. Gilevsky ⁹⁰, D. Gillberg ²⁸, A.R. Gillman ¹²⁸, D.M. Gingrich ^{2,d}, J. Ginzburg ¹⁵²,
N. Giokaris ⁸, M.P. Giordani ^{163c}, R. Giordano ^{101a,101b}, F.M. Giorgi ¹⁵, P. Giovannini ⁹⁸, P.F. Giraud ¹³⁵,
D. Giugni ^{88a}, M. Giunta ⁹², P. Giusti ^{19a}, B.K. Gjelsten ¹¹⁶, L.K. Gladilin ⁹⁶, C. Glasman ⁷⁹, J. Glatzer ⁴⁸,
A. Glazov ⁴¹, K.W. Glitza ¹⁷³, G.L. Glonti ⁶⁴, J.R. Goddard ⁷⁴, J. Godfrey ¹⁴¹, J. Godlewski ²⁹, M. Goebel ⁴¹,
T. Göpfert ⁴³, C. Goeringer ⁸⁰, C. Gössling ⁴², T. Göttfert ⁹⁸, S. Goldfarb ⁸⁶, T. Golling ¹⁷⁴, S.N. Golovnia ¹²⁷,

A. Gomes^{123a,b}, L.S. Gomez Fajardo⁴¹, R. Gonçalo⁷⁵, J. Goncalves Pinto Firmino Da Costa⁴¹, L. Gonella²⁰,
 A. Gonidec²⁹, S. Gonzalez¹⁷¹, S. González de la Hoz¹⁶⁶, G. Gonzalez Parra¹¹, M.L. Gonzalez Silva²⁶,
 S. Gonzalez-Sevilla⁴⁹, J.J. Goodson¹⁴⁷, L. Goossens²⁹, P.A. Gorbounov⁹⁴, H.A. Gordon²⁴, I. Gorelov¹⁰²,
 G. Gorfine¹⁷³, B. Gorini²⁹, E. Gorini^{71a,71b}, A. Gorišek⁷³, E. Gornicki³⁸, S.A. Gorokhov¹²⁷,
 V.N. Goryachev¹²⁷, B. Gosdzik⁴¹, A.T. Goshaw⁵, M. Gosselink¹⁰⁴, M.I. Gostkin⁶⁴, I. Gough Eschrich¹⁶²,
 M. Gouighri^{134a}, D. Goujdami^{134c}, M.P. Goulette⁴⁹, A.G. Goussiou¹³⁷, C. Goy⁴, S. Gozpinar²²,
 I. Grabowska-Bold³⁷, P. Grafström²⁹, K.-J. Grahn⁴¹, F. Grancagnolo^{71a}, S. Grancagnolo¹⁵, V. Grassi¹⁴⁷,
 V. Gratchev¹²⁰, N. Grau³⁴, H.M. Gray²⁹, J.A. Gray¹⁴⁷, E. Graziani^{133a}, O.G. Grebenyuk¹²⁰,
 T. Greenshaw⁷², Z.D. Greenwood^{24,l}, K. Gregersen³⁵, I.M. Gregor⁴¹, P. Grenier¹⁴², J. Griffiths¹³⁷,
 N. Grigalashvili⁶⁴, A.A. Grillo¹³⁶, S. Grinstein¹¹, Y.V. Grishkevich⁹⁶, J.-F. Grivaz¹¹⁴, M. Groh⁹⁸,
 E. Gross¹⁷⁰, J. Grosse-Knetter⁵⁴, J. Groth-Jensen¹⁷⁰, K. Grybel¹⁴⁰, V.J. Guarino⁵, D. Guest¹⁷⁴,
 C. Guicheney³³, A. Guida^{71a,71b}, S. Guindon⁵⁴, H. Guler^{84,n}, J. Gunther¹²⁴, B. Guo¹⁵⁷, J. Guo³⁴,
 A. Gupta³⁰, Y. Gusakov⁶⁴, V.N. Gushchin¹²⁷, A. Gutierrez⁹², P. Gutierrez¹¹⁰, N. Guttman¹⁵²,
 O. Gutzwiller¹⁷¹, C. Guyot¹³⁵, C. Gwenlan¹¹⁷, C.B. Gwilliam⁷², A. Haas¹⁴², S. Haas²⁹, C. Haber¹⁴,
 H.K. Hadavand³⁹, D.R. Hadley¹⁷, P. Haefner⁹⁸, F. Hahn²⁹, S. Haider²⁹, Z. Hajduk³⁸, H. Hakobyan¹⁷⁵,
 D. Hall¹¹⁷, J. Haller⁵⁴, K. Hamacher¹⁷³, P. Hamal¹¹², M. Hamer⁵⁴, A. Hamilton^{144b,o}, S. Hamilton¹⁶⁰,
 H. Han^{32a}, L. Han^{32b}, K. Hanagaki¹¹⁵, K. Hanawa¹⁵⁹, M. Hance¹⁴, C. Handel⁸⁰, P. Hanke^{58a},
 J.R. Hansen³⁵, J.B. Hansen³⁵, J.D. Hansen³⁵, P.H. Hansen³⁵, P. Hansson¹⁴², K. Hara¹⁵⁹, G.A. Hare¹³⁶,
 T. Harenberg¹⁷³, S. Harkusha⁸⁹, D. Harper⁸⁶, R.D. Harrington⁴⁵, O.M. Harris¹³⁷, K. Harrison¹⁷,
 J. Hartert⁴⁸, F. Hartjes¹⁰⁴, T. Haruyama⁶⁵, A. Harvey⁵⁶, S. Hasegawa¹⁰⁰, Y. Hasegawa¹³⁹, S. Hassani¹³⁵,
 M. Hatch²⁹, D. Hauff⁹⁸, S. Haug¹⁶, M. Hauschild²⁹, R. Hauser⁸⁷, M. Havranek²⁰, B.M. Hawes¹¹⁷,
 C.M. Hawkes¹⁷, R.J. Hawkins²⁹, A.D. Hawkins⁷⁸, D. Hawkins¹⁶², T. Hayakawa⁶⁶, T. Hayashi¹⁵⁹,
 D. Hayden⁷⁵, H.S. Hayward⁷², S.J. Haywood¹²⁸, E. Hazen²¹, M. He^{32d}, S.J. Head¹⁷, V. Hedberg⁷⁸,
 L. Heelan⁷, S. Heim⁸⁷, B. Heinemann¹⁴, S. Heisterkamp³⁵, L. Helary⁴, C. Heller⁹⁷, M. Heller²⁹,
 S. Hellman^{145a,145b}, D. Hellmich²⁰, C. Hensels¹¹, R.C.W. Henderson⁷⁰, M. Henke^{58a}, A. Henrichs⁵⁴,
 A.M. Henriques Correia²⁹, S. Henrot-Versille¹¹⁴, F. Henry-Couannier⁸², C. Hensel⁵⁴, T. Henß¹⁷³,
 C.M. Hernandez⁷, Y. Hernández Jiménez¹⁶⁶, R. Herrberg¹⁵, A.D. Hershenhorn¹⁵¹, G. Herten⁴⁸,
 R. Hertenberger⁹⁷, L. Hervas²⁹, G.G. Hesketh⁷⁶, N.P. Hessey¹⁰⁴, E. Higón-Rodríguez¹⁶⁶, D. Hill^{5,*},
 J.C. Hill²⁷, N. Hill⁵, K.H. Hiller⁴¹, S. Hillert²⁰, S.J. Hillier¹⁷, I. Hinchliffe¹⁴, E. Hines¹¹⁹,
 M. Hirose¹¹⁵, F. Hirsch⁴², D. Hirschbuehl¹⁷³, J. Hobbs¹⁴⁷, N. Hod¹⁵², M.C. Hodgkinson¹³⁸,
 P. Hodgson¹³⁸, A. Hoecker²⁹, M.R. Hoferkamp¹⁰², J. Hoffman³⁹, D. Hoffmann⁸², M. Hohlfeld⁸⁰,
 M. Holder¹⁴⁰, S.O. Holmgren^{145a}, T. Holy¹²⁶, J.L. Holzbauer⁸⁷, Y. Homma⁶⁶, T.M. Hong¹¹⁹,
 L. Hooft van Huysduynen¹⁰⁷, T. Horazdovsky¹²⁶, C. Horn¹⁴², S. Horner⁴⁸, J.-Y. Hostachy⁵⁵, S. Hou¹⁵⁰,
 M.A. Houlden⁷², A. Hoummada^{134a}, J. Howard¹¹⁷, J. Howarth⁸¹, D.F. Howell¹¹⁷, I. Hristova¹⁵,
 J. Hrivnac¹¹⁴, I. Hruska¹²⁴, T. Hryn'ova⁴, P.J. Hsu⁸⁰, S.-C. Hsu¹⁴, G.S. Huang¹¹⁰, Z. Hubacek¹²⁶,
 F. Hubaut⁸², F. Huegging²⁰, A. Huettmann⁴¹, T.B. Huffman¹¹⁷, E.W. Hughes³⁴, G. Hughes⁷⁰,
 R.E. Hughes-Jones⁸¹, M. Huhtinen²⁹, P. Hurst⁵⁷, M. Hurwitz¹⁴, U. Husemann⁴¹, N. Huseynov^{64,p},
 J. Huston⁸⁷, J. Huth⁵⁷, G. Iacobucci⁴⁹, G. Iakovidis⁹, M. Ibbotson⁸¹, I. Ibragimov¹⁴⁰, R. Ichimiya⁶⁶,
 L. Iconomidou-Fayard¹¹⁴, J. Idarraga¹¹⁴, P. Iengo^{101a}, O. Igonkina¹⁰⁴, Y. Ikegami⁶⁵, M. Ikeno⁶⁵,
 Y. Ilchenko³⁹, D. Iliadis¹⁵³, N. Ilic¹⁵⁷, D. Imbault⁷⁷, M. Imori¹⁵⁴, T. Ince²⁰, J. Inigo-Golfin²⁹, P. Ioannou⁸,
 M. Iodice^{133a}, K. Iordanidou⁸, V. Ippolito^{131a,131b}, A. Irlles Quiles¹⁶⁶, C. Isaksson¹⁶⁵, A. Ishikawa⁶⁶,
 M. Ishino⁶⁷, R. Ishmukhametov³⁹, C. Issever¹¹⁷, S. Istin^{18a}, A.V. Ivashin¹²⁷, W. Iwanski³⁸, H. Iwasaki⁶⁵,
 J.M. Izen⁴⁰, V. Izzo^{101a}, B. Jackson¹¹⁹, J.N. Jackson⁷², P. Jackson¹⁴², M.R. Jaekel²⁹, V. Jain⁶⁰, K. Jakobs⁴⁸,
 S. Jakobsen³⁵, T. Jakoubek¹²⁴, J. Jakubek¹²⁶, D.K. Jana¹¹⁰, E. Jankowski¹⁵⁷, E. Jansen⁷⁶, H. Jansen²⁹,
 A. Jantsch⁹⁸, M. Janus²⁰, G. Jarlskog⁷⁸, L. Jeanty⁵⁷, K. Jelen³⁷, I. Jen-La Plante³⁰, P. Jenni²⁹, A. Jeremie⁴,
 P. Jež³⁵, S. Jézéquel⁴, M.K. Jha^{19a}, H. Ji¹⁷¹, W. Ji⁸⁰, J. Jia¹⁴⁷, Y. Jiang^{32b}, M. Jimenez Belenguer⁴¹,
 G. Jin^{32b}, S. Jin^{32a}, O. Jinnouchi¹⁵⁶, M.D. Joergensen³⁵, D. Joffe³⁹, L.G. Johansen¹³, M. Johansen^{145a,145b},
 K.E. Johansson^{145a}, P. Johansson¹³⁸, S. Johnert⁴¹, K.A. Johns⁶, K. Jon-And^{145a,145b}, G. Jones⁸¹,
 R.W.L. Jones⁷⁰, T.W. Jones⁷⁶, T.J. Jones⁷², O. Jonsson²⁹, C. Joram²⁹, P.M. Jorge^{123a}, J. Joseph¹⁴,
 K.D. Joshi⁸¹, J. Jovicevic¹⁴⁶, T. Jovin^{12b}, X. Ju¹⁷¹, C.A. Jung⁴², R.M. Jungst²⁹, V. Juranek¹²⁴, P. Jussel⁶¹,
 A. Juste Rozas¹¹, V.V. Kabachenko¹²⁷, S. Kabana¹⁶, M. Kaci¹⁶⁶, A. Kaczmarska³⁸, P. Kadlecik³⁵,
 M. Kado¹¹⁴, H. Kagan¹⁰⁸, M. Kagan⁵⁷, S. Kaiser⁹⁸, E. Kajomovitz¹⁵¹, S. Kalinin¹⁷³, L.V. Kalinovskaya⁶⁴,

S. Kama³⁹, N. Kanaya¹⁵⁴, M. Kaneda²⁹, S. Kaneti²⁷, T. Kanno¹⁵⁶, V.A. Kantserov⁹⁵, J. Kanzaki⁶⁵, B. Kaplan¹⁷⁴, A. Kapliy³⁰, J. Kaplon²⁹, D. Kar⁴³, M. Karagounis²⁰, M. Karagoz¹¹⁷, M. Karnevskiy⁴¹, K. Karr⁵, V. Kartvelishvili⁷⁰, A.N. Karyukhin¹²⁷, L. Kashif¹⁷¹, G. Kasieczka^{58b}, R.D. Kass¹⁰⁸, A. Kastanas¹³, M. Kataoka⁴, Y. Kataoka¹⁵⁴, E. Katsoufis⁹, J. Katzy⁴¹, V. Kaushik⁶, K. Kawagoe⁶⁶, T. Kawamoto¹⁵⁴, G. Kawamura⁸⁰, M.S. Kayl¹⁰⁴, V.A. Kazanin¹⁰⁶, M.Y. Kazarinov⁶⁴, R. Keeler¹⁶⁸, R. Kehoe³⁹, M. Keil⁵⁴, G.D. Kekelidze⁶⁴, J.S. Keller¹³⁷, J. Kennedy⁹⁷, C.J. Kenney¹⁴², M. Kenyon⁵³, O. Kepka¹²⁴, N. Kerschen²⁹, B.P. Kerševan⁷³, S. Kersten¹⁷³, K. Kessoku¹⁵⁴, J. Keung¹⁵⁷, F. Khalil-zada¹⁰, H. Khandanyan¹⁶⁴, A. Khanov¹¹¹, D. Kharchenko⁶⁴, A. Khodinov⁹⁵, A.G. Kholodenko¹²⁷, A. Khomich^{58a}, T.J. Khoo²⁷, G. Khoraiuli²⁰, A. Khoroshilov¹⁷³, N. Khovanskiy⁶⁴, V. Khovanskiy⁹⁴, E. Khramov⁶⁴, J. Khubua^{51b}, H. Kim^{145a,145b}, M.S. Kim², P.C. Kim¹⁴², S.H. Kim¹⁵⁹, N. Kimura¹⁶⁹, O. Kind¹⁵, B.T. King⁷², M. King⁶⁶, R.S.B. King¹¹⁷, J. Kirk¹²⁸, L.E. Kirsch²², A.E. Kiryunin⁹⁸, T. Kishimoto⁶⁶, D. Kisielewska³⁷, T. Kittelmann¹²², A.M. Kiver¹²⁷, E. Kladiva^{143b}, J. Klaiber-Lodewigs⁴², M. Klein⁷², U. Klein⁷², K. Kleinknecht⁸⁰, M. Klemetti⁸⁴, A. Klier¹⁷⁰, P. Klimek^{145a,145b}, A. Klimentov²⁴, R. Klingenberg⁴², J.A. Klinger⁸¹, E.B. Klinkby³⁵, T. Klioutchnikova²⁹, P.F. Klok¹⁰³, S. Klous¹⁰⁴, E.-E. Kluge^{58a}, T. Kluge⁷², P. Kluit¹⁰⁴, S. Kluth⁹⁸, N.S. Knecht¹⁵⁷, E. Kneringer⁶¹, J. Knobloch²⁹, E.B.F.G. Knoops⁸², A. Knue⁵⁴, B.R. Ko⁴⁴, T. Kobayashi¹⁵⁴, M. Kobel⁴³, M. Kocian¹⁴², P. Kodys¹²⁵, K. Köneke²⁹, A.C. König¹⁰³, S. Koenig⁸⁰, L. Köpke⁸⁰, F. Koetsveld¹⁰³, P. Koevesarki²⁰, T. Koffas²⁸, E. Koffeman¹⁰⁴, L.A. Kogan¹¹⁷, S. Kohlmann¹⁷³, F. Kohn⁵⁴, Z. Kohout¹²⁶, T. Kohriki⁶⁵, T. Koi¹⁴², T. Kokott²⁰, G.M. Kolachev¹⁰⁶, H. Kolanoski¹⁵, V. Kolesnikov⁶⁴, I. Koletsou^{88a}, J. Koll⁸⁷, D. Kollar²⁹, M. Kollefrath⁴⁸, S.D. Kolya⁸¹, A.A. Komar⁹³, Y. Komori¹⁵⁴, T. Kondo⁶⁵, T. Kono^{41,q}, A.I. Kononov⁴⁸, R. Konoplich^{107,r}, N. Konstantinidis⁷⁶, A. Kootz¹⁷³, S. Koperny³⁷, K. Korcyl³⁸, K. Kordas¹⁵³, V. Koreshev¹²⁷, A. Korn¹¹⁷, A. Korol¹⁰⁶, I. Korolkov¹¹, E.V. Korolkova¹³⁸, V.A. Korotkov¹²⁷, O. Kortner⁹⁸, S. Kortner⁹⁸, V.V. Kostyukhin²⁰, M.J. Kotamäki²⁹, S. Kotov⁹⁸, V.M. Kotov⁶⁴, A. Kotwal⁴⁴, C. Kourkoumelis⁸, V. Kouskoura¹⁵³, A. Koutsman^{158a}, R. Kowalewski¹⁶⁸, T.Z. Kowalski³⁷, W. Kozanecki¹³⁵, A.S. Kozhin¹²⁷, V. Kral¹²⁶, V.A. Kramarenko⁹⁶, G. Kramberger⁷³, M.W. Krasny⁷⁷, A. Krasznahorkay¹⁰⁷, J. Kraus⁸⁷, J.K. Kraus²⁰, A. Kreisel¹⁵², F. Krejci¹²⁶, J. Kretzschmar⁷², N. Krieger⁵⁴, P. Krieger¹⁵⁷, K. Kroeninger⁵⁴, H. Kroha⁹⁸, J. Kroll¹¹⁹, J. Kroseberg²⁰, J. Krstic^{12a}, U. Kruchonak⁶⁴, H. Krüger²⁰, T. Kruker¹⁶, N. Krumnack⁶³, Z.V. Krumshteyn⁶⁴, A. Kruth²⁰, T. Kubota⁸⁵, S. Kuday^{3a}, S. Kuehn⁴⁸, A. Kugel^{58c}, T. Kuhl⁴¹, D. Kuhn⁶¹, V. Kukhtin⁶⁴, Y. Kulchitsky⁸⁹, S. Kuleshov^{31b}, C. Kummer⁹⁷, M. Kuna⁷⁷, N. Kundu¹¹⁷, J. Kunkle¹¹⁹, A. Kupco¹²⁴, H. Kurashige⁶⁶, M. Kurata¹⁵⁹, Y.A. Kurochkin⁸⁹, V. Kus¹²⁴, E.S. Kuwertz¹⁴⁶, M. Kuze¹⁵⁶, J. Kvita¹⁴¹, R. Kwee¹⁵, A. La Rosa⁴⁹, L. La Rotonda^{36a,36b}, L. Labarga⁷⁹, J. Labbe⁴, S. Lablak^{134a}, C. Lacasta¹⁶⁶, F. Lacava^{131a,131b}, H. Lacker¹⁵, D. Lacour⁷⁷, V.R. Lacuesta¹⁶⁶, E. Ladygin⁶⁴, R. Lafaye⁴, B. Laforge⁷⁷, T. Lagouri⁷⁹, S. Lai⁴⁸, E. Laisne⁵⁵, M. Lamanna²⁹, L. Lambourne⁷⁶, C.L. Lampen⁶, W. Lampl⁶, E. Lancon¹³⁵, U. Landgraf⁴⁸, M.P.J. Landon⁷⁴, H. Landsman¹⁵¹, J.L. Lane⁸¹, C. Lange⁴¹, A.J. Lankford¹⁶², F. Lanni²⁴, K. Lantzsch¹⁷³, S. Laplace⁷⁷, C. Lapoire²⁰, J.F. Laporte¹³⁵, T. Lari^{88a}, A.V. Larionov¹²⁷, A. Larner¹¹⁷, C. Lasseur²⁹, M. Lassnig²⁹, P. Laurelli⁴⁷, V. Lavorini^{36a,36b}, W. Lavrijsen¹⁴, P. Laycock⁷², A.B. Lazarev⁶⁴, O. Le Dortz⁷⁷, E. Le Guirriec⁸², C. Le Maner¹⁵⁷, E. Le Menedeu⁹, C. Lebel⁹², T. LeCompte⁵, F. Ledroit-Guillon⁵⁵, H. Lee¹⁰⁴, J.S.H. Lee¹¹⁵, S.C. Lee¹⁵⁰, L. Lee¹⁷⁴, M. Lefebvre¹⁶⁸, M. Legendre¹³⁵, A. Leger⁴⁹, B.C. LeGeyt¹¹⁹, F. Legger⁹⁷, C. Leggett¹⁴, M. Lehmacher²⁰, G. Lehmann Miotto²⁹, X. Lei⁶, M.A.L. Leite^{23d}, R. Leitner¹²⁵, D. Lellouch¹⁷⁰, M. Leltchouk³⁴, B. Lemmer⁵⁴, V. Lendermann^{58a}, K.J.C. Leney^{144b}, T. Lenz¹⁰⁴, G. Lenzen¹⁷³, B. Lenzi²⁹, K. Leonhardt⁴³, S. Leontsinis⁹, F. Lepold^{58a}, C. Leroy⁹², J.-R. Lessard¹⁶⁸, J. Lesser^{145a}, C.G. Lester²⁷, C.M. Lester¹¹⁹, A. Leung Fook Cheong¹⁷¹, J. Levêque⁴, D. Levin⁸⁶, L.J. Levinson¹⁷⁰, M.S. Levitski¹²⁷, A. Lewis¹¹⁷, G.H. Lewis¹⁰⁷, A.M. Leyko²⁰, M. Leyton¹⁵, B. Li⁸², H. Li^{171,s}, S. Li^{32b,t}, X. Li⁸⁶, Z. Liang^{117,u}, H. Liao³³, B. Liberti^{132a}, P. Lichard²⁹, M. Lichtnecker⁹⁷, K. Lie¹⁶⁴, W. Liebig¹³, R. Lifshitz¹⁵¹, C. Limbach²⁰, A. Limosani⁸⁵, M. Limper⁶², S.C. Lin^{150,v}, F. Linde¹⁰⁴, J.T. Linnemann⁸⁷, E. Lipeles¹¹⁹, L. Lipinsky¹²⁴, A. Lipniacka¹³, T.M. Liss¹⁶⁴, D. Lissauer²⁴, A. Lister⁴⁹, A.M. Litke¹³⁶, C. Liu²⁸, D. Liu¹⁵⁰, H. Liu⁸⁶, J.B. Liu⁸⁶, M. Liu^{32b}, S. Liu², Y. Liu^{32b}, M. Livan^{118a,118b}, S.S.A. Livermore¹¹⁷, A. Lleres⁵⁵, J. Llorente Merino⁷⁹, S.L. Lloyd⁷⁴, E. Lobodzinska⁴¹, P. Loch⁶, W.S. Lockman¹³⁶, T. Loddenkoetter²⁰, F.K. Loebinger⁸¹, A. Loginov¹⁷⁴, C.W. Loh¹⁶⁷, T. Lohse¹⁵, K. Lohwasser⁴⁸, M. Lokajicek¹²⁴, J. Loken¹¹⁷, V.P. Lombardo⁴, R.E. Long⁷⁰, L. Lopes^{123a,b}, D. Lopez Mateos⁵⁷, J. Lorenz⁹⁷, N. Lorenzo Martinez¹¹⁴, M. Losada¹⁶¹, P. Loscutoff¹⁴, F. Lo Sterzo^{131a,131b}, M.J. Losty^{158a}, X. Lou⁴⁰, A. Lounis¹¹⁴,

K.F. Loureiro¹⁶¹, J. Love²¹, P.A. Love⁷⁰, A.J. Lowe^{142,e}, F. Lu^{32a}, H.J. Lubatti¹³⁷, C. Luci^{131a,131b},
 A. Lucotte⁵⁵, A. Ludwig⁴³, D. Ludwig⁴¹, I. Ludwig⁴⁸, J. Ludwig⁴⁸, F. Luehring⁶⁰, G. Luijckx¹⁰⁴,
 W. Lukas⁶¹, D. Lumb⁴⁸, L. Luminari^{131a}, E. Lund¹¹⁶, B. Lund-Jensen¹⁴⁶, B. Lundberg⁷⁸,
 J. Lundberg^{145a,145b}, J. Lundquist³⁵, M. Lungwitz⁸⁰, G. Lutz⁹⁸, D. Lynn²⁴, J. Lys¹⁴, E. Lytken⁷⁸, H. Ma²⁴,
 L.L. Ma¹⁷¹, J.A. Macana Goia⁹², G. Maccarrone⁴⁷, A. Macchiolo⁹⁸, B. Maček⁷³, J. Machado Miguens^{123a},
 R. Mackeprang³⁵, R.J. Madaras¹⁴, W.F. Mader⁴³, R. Maenner^{58c}, T. Maeno²⁴, P. Mättig¹⁷³, S. Mättig⁴¹,
 L. Magnoni²⁹, E. Magradze⁵⁴, Y. Mahalalel¹⁵², K. Mahboubi⁴⁸, S. Mahmoud⁷², G. Mahout¹⁷,
 C. Maiani^{131a,131b}, C. Maidantchik^{23a}, A. Maio^{123a,b}, S. Majewski²⁴, Y. Makida⁶⁵, N. Makovec¹¹⁴,
 P. Mal¹³⁵, B. Malaescu²⁹, Pa. Malecki³⁸, P. Malecki³⁸, V.P. Maleev¹²⁰, F. Malek⁵⁵, U. Mallik⁶²,
 D. Malon⁵, C. Malone¹⁴², S. Maltezos⁹, V. Malyshev¹⁰⁶, S. Malyukov²⁹, R. Mameghani⁹⁷, J. Mamuzic^{12b},
 A. Manabe⁶⁵, L. Mandelli^{88a}, I. Mandić⁷³, R. Mandrysch¹⁵, J. Maneira^{123a}, P.S. Mangedard⁸⁷,
 L. Manhaes de Andrade Filho^{23a}, I.D. Manjavidze⁶⁴, A. Mann⁵⁴, P.M. Manning¹³⁶,
 A. Manousakis-Katsikakis⁸, B. Mansoulie¹³⁵, A. Manz⁹⁸, A. Mapelli²⁹, L. Mapelli²⁹, L. March⁷⁹,
 J.F. Marchand²⁸, F. Marchese^{132a,132b}, G. Marchiori⁷⁷, M. Marcisovsky¹²⁴, A. Marin^{21,*}, C.P. Marino¹⁶⁸,
 F. Marroquim^{23a}, R. Marshall⁸¹, Z. Marshall²⁹, F.K. Martens¹⁵⁷, S. Marti-Garcia¹⁶⁶, A.J. Martin¹⁷⁴,
 B. Martin²⁹, B. Martin⁸⁷, F.F. Martin¹¹⁹, J.P. Martin⁹², Ph. Martin⁵⁵, T.A. Martin¹⁷, V.J. Martin⁴⁵,
 B. Martin dit Latour⁴⁹, S. Martin-Haugh¹⁴⁸, M. Martinez¹¹, V. Martinez Outschoorn⁵⁷,
 A.C. Martyniuk¹⁶⁸, M. Marx⁸¹, F. Marzano^{131a}, A. Marzin¹¹⁰, L. Masetti⁸⁰, T. Mashimo¹⁵⁴,
 R. Mashinistov⁹³, J. Masik⁸¹, A.L. Maslennikov¹⁰⁶, I. Massa^{19a,19b}, G. Massaro¹⁰⁴, N. Massol⁴,
 P. Mastrandrea^{131a,131b}, A. Mastroberardino^{36a,36b}, T. Masubuchi¹⁵⁴, M. Mathes²⁰, P. Matricon¹¹⁴,
 H. Matsumoto¹⁵⁴, H. Matsunaga¹⁵⁴, T. Matsushita⁶⁶, C. Mattravers^{117,c}, J.M. Maugain²⁹, J. Maurer⁸²,
 S.J. Maxfield⁷², D.A. Maximov^{106,f}, E.N. May⁵, A. Mayne¹³⁸, R. Mazini¹⁵⁰, M. Mazur²⁰,
 L. Mazzaferro^{132a,132b}, M. Mazzanti^{88a}, E. Mazzone^{121a,121b}, S.P. Mc Kee⁸⁶, A. McCarn¹⁶⁴,
 R.L. McCarthy¹⁴⁷, T.G. McCarthy²⁸, N.A. McCubbin¹²⁸, K.W. McFarlane⁵⁶, J.A. McFayden¹³⁸,
 H. McGlone⁵³, G. Mchedlidze^{51b}, R.A. McLaren²⁹, T. Mclaughlan¹⁷, S.J. McMahon¹²⁸,
 R.A. McPherson^{168,j}, A. Meade⁸³, J. Mechnich¹⁰⁴, M. Mechtel¹⁷³, M. Medinnis⁴¹, R. Meera-Lebbai¹¹⁰,
 T. Meguro¹¹⁵, R. Mehdiyev⁹², S. Mehlhase³⁵, A. Mehta⁷², K. Meier^{58a}, B. Meirose⁷⁸, C. Melachrinou³⁰,
 B.R. Mellado Garcia¹⁷¹, F. Meloni^{88a,88b}, L. Mendoza Navas¹⁶¹, Z. Meng^{150,s}, A. Mengarelli^{19a,19b},
 S. Menke⁹⁸, C. Menot²⁹, E. Meoni¹¹, K.M. Mercurio⁵⁷, P. Mermod⁴⁹, L. Merola^{101a,101b}, C. Meroni^{88a},
 F.S. Merritt³⁰, H. Merritt¹⁰⁸, A. Messina²⁹, J. Metcalfe¹⁰², A.S. Mete⁶³, C. Meyer⁸⁰, C. Meyer³⁰,
 J-P. Meyer¹³⁵, J. Meyer¹⁷², J. Meyer⁵⁴, T.C. Meyer²⁹, W.T. Meyer⁶³, J. Miao^{32d}, S. Michal²⁹, L. Micu^{25a},
 R.P. Middleton¹²⁸, S. Migas⁷², L. Mijović⁴¹, G. Mikenberg¹⁷⁰, M. Mikestikova¹²⁴, M. Mikuž⁷³,
 D.W. Miller³⁰, R.J. Miller⁸⁷, W.J. Mills¹⁶⁷, C. Mills⁵⁷, A. Milov¹⁷⁰, D.A. Milstead^{145a,145b}, D. Milstein¹⁷⁰,
 A.A. Minaenko¹²⁷, M. Miñano Moya¹⁶⁶, I.A. Minashvili⁶⁴, A.I. Mincer¹⁰⁷, B. Mindur³⁷, M. Mineev⁶⁴,
 Y. Ming¹⁷¹, L.M. Mir¹¹, G. Mirabelli^{131a}, L. Miralles Verge¹¹, A. Misiejuk⁷⁵, J. Mitrevski¹³⁶,
 G.Y. Mitrofanov¹²⁷, V.A. Mitsou¹⁶⁶, S. Mitsui⁶⁵, P.S. Miyagawa¹³⁸, K. Miyazaki⁶⁶, J.U. Mjörnmark⁷⁸,
 T. Moa^{145a,145b}, P. Mockett¹³⁷, S. Moed⁵⁷, V. Moeller²⁷, K. Mönig⁴¹, N. Möser²⁰, S. Mohapatra¹⁴⁷,
 W. Mohr⁴⁸, S. Mohrdieck-Möck⁹⁸, A.M. Moiseev¹²⁷, R. Moles-Valls¹⁶⁶, J. Molina-Perez²⁹, J. Monk⁷⁶,
 E. Monnier⁸², S. Montesano^{88a,88b}, F. Monticelli⁶⁹, S. Monzani^{19a,19b}, R.W. Moore², G.F. Moorhead⁸⁵,
 C. Mora Herrera⁴⁹, A. Moraes⁵³, N. Morange¹³⁵, J. Morel⁵⁴, G. Morello^{36a,36b}, D. Moreno⁸⁰,
 M. Moreno Llácer¹⁶⁶, P. Morettini^{50a}, M. Morgenstern⁴³, M. Morii⁵⁷, J. Morin⁷⁴, A.K. Morley²⁹,
 G. Mornacchi²⁹, S.V. Morozov⁹⁵, J.D. Morris⁷⁴, L. Morvaj¹⁰⁰, H.G. Moser⁹⁸, M. Mosidze^{51b}, J. Moss¹⁰⁸,
 R. Mount¹⁴², E. Mountricha^{9,w}, S.V. Mouraviev⁹³, E.J.W. Moyse⁸³, M. Mudrinic^{12b}, F. Mueller^{58a},
 J. Mueller¹²², K. Mueller²⁰, T.A. Müller⁹⁷, T. Mueller⁸⁰, D. Muenstermann²⁹, A. Muir¹⁶⁷, Y. Munwes¹⁵²,
 W.J. Murray¹²⁸, I. Mussche¹⁰⁴, E. Musto^{101a,101b}, A.G. Myagkov¹²⁷, M. Myska¹²⁴, J. Nadal¹¹,
 K. Nagai¹⁵⁹, K. Nagano⁶⁵, A. Nagarkar¹⁰⁸, Y. Nagasaka⁵⁹, M. Nagel⁹⁸, A.M. Nairz²⁹, Y. Nakahama²⁹,
 K. Nakamura¹⁵⁴, T. Nakamura¹⁵⁴, I. Nakano¹⁰⁹, G. Nanava²⁰, A. Napier¹⁶⁰, R. Narayan^{58b}, M. Nash^{76,c},
 N.R. Naton²¹, T. Nattermann²⁰, T. Naumann⁴¹, G. Navarro¹⁶¹, H.A. Neal⁸⁶, E. Nebot⁷⁹,
 P.Yu. Nechaeva⁹³, T.J. Neep⁸¹, A. Negri^{118a,118b}, G. Negri²⁹, S. Nektarijevic⁴⁹, A. Nelson¹⁶², S. Nelson¹⁴²,
 T.K. Nelson¹⁴², S. Nemecek¹²⁴, P. Nemethy¹⁰⁷, A.A. Nepomuceno^{23a}, M. Nessi^{29,x}, M.S. Neubauer¹⁶⁴,
 A. Neusiedl⁸⁰, R.M. Neves¹⁰⁷, P. Nevski²⁴, P.R. Newman¹⁷, V. Nguyen Thi Hong¹³⁵, R.B. Nickerson¹¹⁷,
 R. Nicolaidou¹³⁵, L. Nicolas¹³⁸, B. Nicquevert²⁹, F. Niedercorn¹¹⁴, J. Nielsen¹³⁶, T. Niinikoski²⁹,

N. Nikiforou³⁴, A. Nikiforov¹⁵, V. Nikolaenko¹²⁷, K. Nikolaev⁶⁴, I. Nikolic-Audit⁷⁷, K. Nikolics⁴⁹,
 K. Nikolopoulos²⁴, H. Nilsen⁴⁸, P. Nilsson⁷, Y. Ninomiya¹⁵⁴, A. Nisati^{131a}, T. Nishiyama⁶⁶, R. Nisius⁹⁸,
 L. Nodulman⁵, M. Nomachi¹¹⁵, I. Nomidis¹⁵³, M. Nordberg²⁹, B. Nordkvist^{145a,145b}, P.R. Norton¹²⁸,
 J. Novakova¹²⁵, M. Nozaki⁶⁵, L. Nozka¹¹², I.M. Nugent^{158a}, A.-E. Nuncio-Quiroz²⁰,
 G. Nunes Hanninger⁸⁵, T. Nunnemann⁹⁷, E. Nurse⁷⁶, T. Nyman²⁹, B.J. O'Brien⁴⁵, S.W. O'Neale^{17,*},
 D.C. O'Neil¹⁴¹, V. O'Shea⁵³, L.B. Oakes⁹⁷, F.G. Oakham^{28,d}, H. Oberlack⁹⁸, J. Ocariz⁷⁷, A. Ochi⁶⁶,
 S. Oda¹⁵⁴, S. Odaka⁶⁵, J. Odier⁸², H. Ogren⁶⁰, A. Oh⁸¹, S.H. Oh⁴⁴, C.C. Ohm^{145a,145b}, T. Ohshima¹⁰⁰,
 H. Ohshita¹³⁹, S. Okada⁶⁶, H. Okawa¹⁶², Y. Okumura¹⁰⁰, T. Okuyama¹⁵⁴, A. Olariu^{25a}, M. Olcese^{50a},
 A.G. Olchevski⁶⁴, S.A. Olivares Pino^{31a}, M. Oliveira^{123a,h}, D. Oliveira Damazio²⁴, E. Oliver Garcia¹⁶⁶,
 D. Olivito¹¹⁹, A. Olszewski³⁸, J. Olszowska³⁸, C. Omachi⁶⁶, A. Onofre^{123a,y}, P.U.E. Onyisi³⁰,
 C.J. Oram^{158a}, M.J. Oreglia³⁰, Y. Oren¹⁵², D. Orestano^{133a,133b}, N. Orlando^{71a,71b}, I. Orlov¹⁰⁶, C. Oropeza
 Barrera⁵³, R.S. Orr¹⁵⁷, B. Osculati^{50a,50b}, R. Ospanov¹¹⁹, C. Osuna¹¹, G. Otero y Garzon²⁶,
 J.P. Ottersbach¹⁰⁴, M. Ouchrif^{134d}, E.A. Ouellette¹⁶⁸, F. Ould-Saada¹¹⁶, A. Ouraou¹³⁵, Q. Ouyang^{32a},
 A. Ovcharova¹⁴, M. Owen⁸¹, S. Owen¹³⁸, V.E. Ozcan^{18a}, N. Ozturk⁷, A. Pacheco Pages¹¹,
 C. Padilla Aranda¹¹, S. Pagan Griso¹⁴, E. Paganis¹³⁸, F. Paige²⁴, P. Pais⁸³, K. Pajchel¹¹⁶, G. Palacino^{158b},
 C.P. Paleari⁶, S. Palestini²⁹, D. Pallin³³, A. Palma^{123a}, J.D. Palmer¹⁷, Y.B. Pan¹⁷¹, E. Panagiotopoulou⁹,
 B. Panes^{31a}, P. Pani¹⁰⁴, N. Panikashvili⁸⁶, S. Panitkin²⁴, D. Pantea^{25a}, M. Panuskova¹²⁴, V. Paolone¹²²,
 A. Papadelis^{145a}, Th.D. Papadopoulou⁹, A. Paramonov⁵, D. Paredes Hernandez³³, W. Park^{24,z},
 M.A. Parker²⁷, F. Parodi^{50a,50b}, J.A. Parsons³⁴, U. Parzefall⁴⁸, S. Pashapour⁵⁴, E. Pasqualucci^{131a},
 S. Passaggio^{50a}, A. Passeri^{133a}, F. Pastore^{133a,133b}, Fr. Pastore⁷⁵, G. Pásztor^{49,aa}, S. Pataria¹⁷³,
 N. Patel¹⁴⁹, J.R. Pater⁸¹, S. Patricelli^{101a,101b}, T. Pauly²⁹, M. Pecsny^{143a}, M.I. Pedraza Morales¹⁷¹,
 S.V. Peleganchuk¹⁰⁶, D. Pelikan¹⁶⁵, H. Peng^{32b}, R. Pengo²⁹, B. Penning³⁰, A. Penson³⁴, J. Penwell⁶⁰,
 M. Perantoni^{23a}, K. Perez^{34,ab}, T. Perez Cavalcanti⁴¹, E. Perez Codina¹¹, M.T. Pérez García-Estañ¹⁶⁶,
 V. Perez Reale³⁴, L. Perini^{88a,88b}, H. Pernegger²⁹, R. Perrino^{71a}, P. Perrodo⁴, S. Persema^{3a}, A. Perus¹¹⁴,
 V.D. Peshekhonov⁶⁴, K. Peters²⁹, B.A. Petersen²⁹, J. Petersen²⁹, T.C. Petersen³⁵, E. Petit⁴, A. Petridis¹⁵³,
 C. Petridou¹⁵³, E. Petrolo^{131a}, F. Petrucci^{133a,133b}, D. Petschull⁴¹, M. Petteni¹⁴¹, R. Pezoa^{31b}, A. Phan⁸⁵,
 P.W. Phillips¹²⁸, G. Piacquadio²⁹, A. Picazio⁴⁹, E. Piccaro⁷⁴, M. Piccinini^{19a,19b}, S.M. Piec⁴¹, R. Piegai²⁶,
 D.T. Pignotti¹⁰⁸, J.E. Pilcher³⁰, A.D. Pilkington⁸¹, J. Pina^{123a,b}, M. Pinamonti^{163a,163c}, A. Pinder¹¹⁷,
 J.L. Pinfold², J. Ping^{32c}, B. Pinto^{123a,b}, O. Pirotte²⁹, C. Pizio^{88a,88b}, R. Placakyte⁴¹, M. Plamondon¹⁶⁸,
 M.-A. Pleier²⁴, A.V. Pleskach¹²⁷, E. Plotnikova⁶⁴, A. Poblaguev²⁴, S. Poddar^{58a}, F. Podlyski³³,
 L. Poggioli¹¹⁴, T. Poghosyan²⁰, M. Pohl⁴⁹, F. Polci⁵⁵, G. Polesello^{118a}, A. Policicchio^{36a,36b}, A. Polini^{19a},
 J. Poll⁷⁴, V. Polychronakos²⁴, D.M. Pomarede¹³⁵, D. Pomeroy²², K. Pommès²⁹, L. Pontecorvo^{131a},
 B.G. Pope⁸⁷, G.A. Popeneciu^{25a}, D.S. Popovic^{12a}, A. Poppleton²⁹, X. Portell Bueso²⁹, C. Posch²¹,
 G.E. Pospelov⁹⁸, S. Pospisil¹²⁶, I.N. Potrap⁹⁸, C.J. Potter¹⁴⁸, C.T. Potter¹¹³, G. Poulard²⁹, J. Poveda¹⁷¹,
 V. Pozdnyakov⁶⁴, R. Prabhu⁷⁶, P. Pralavorio⁸², A. Pranko¹⁴, S. Prasad⁵⁷, R. Pravahan⁷, S. Prell⁶³,
 K. Pretzl¹⁶, L. Pribyl²⁹, D. Price⁶⁰, J. Price⁷², L.E. Price⁵, M.J. Price²⁹, D. Prieur¹²², M. Primavera^{71a},
 K. Prokofiev¹⁰⁷, F. Prokoshin^{31b}, S. Protopopescu²⁴, J. Proudfoot⁵, X. Prudent⁴³, M. Przybycien³⁷,
 H. Przysiezniak⁴, S. Psoroulas²⁰, E. Ptacek¹¹³, E. Pueschel⁸³, J. Purdham⁸⁶, M. Purohit^{24,z}, P. Puzo¹¹⁴,
 Y. Pylypchenko⁶², J. Qian⁸⁶, Z. Qian⁸², Z. Qin⁴¹, A. Quadt⁵⁴, D.R. Quarrie¹⁴, W.B. Quayle¹⁷¹,
 F. Quinonez^{31a}, M. Raas¹⁰³, V. Radescu^{58b}, B. Radics²⁰, P. Radloff¹¹³, T. Rador^{18a}, F. Ragusa^{88a,88b},
 G. Rahal¹⁷⁶, A.M. Rahimi¹⁰⁸, D. Rahm²⁴, S. Rajagopalan²⁴, M. Rammensee⁴⁸, M. Rammes¹⁴⁰,
 A.S. Randle-Conde³⁹, K. Randrianarivony²⁸, P.N. Ratoff⁷⁰, F. Rauscher⁹⁷, T.C. Rave⁴⁸, M. Raymond²⁹,
 A.L. Read¹¹⁶, D.M. Rebuffi^{118a,118b}, A. Redelbach¹⁷², G. Redlinger²⁴, R. Reece¹¹⁹, K. Reeves⁴⁰,
 A. Reichold¹⁰⁴, E. Reinherz-Aronis¹⁵², A. Reinsch¹¹³, I. Reisinger⁴², D. Reljic^{12a}, C. Rembser²⁹,
 Z.L. Ren¹⁵⁰, A. Renaud¹¹⁴, P. Renkel³⁹, M. Rescigno^{131a}, S. Resconi^{88a}, B. Resende¹³⁵, P. Reznicek⁹⁷,
 R. Rezvani¹⁵⁷, A. Richards⁷⁶, R. Richter⁹⁸, E. Richter-Was^{4,ac}, M. Ridel⁷⁷, M. Rijpstra¹⁰⁴,
 M. Rijssenbeek¹⁴⁷, A. Rimoldi^{118a,118b}, L. Rinaldi^{19a}, R.R. Rios³⁹, I. Riu¹¹, G. Rivoltella^{88a,88b},
 F. Rizatdinova¹¹¹, E. Rizvi⁷⁴, S.H. Robertson^{84,j}, A. Robichaud-Veronneau¹¹⁷, D. Robinson²⁷,
 J.E.M. Robinson⁷⁶, M. Robinson¹¹³, A. Robson⁵³, J.G. Rocha de Lima¹⁰⁵, C. Roda^{121a,121b},
 D. Roda Dos Santos²⁹, D. Rodriguez¹⁶¹, A. Roe⁵⁴, S. Roe²⁹, O. Røhne¹¹⁶, V. Rojo¹, S. Rolli¹⁶⁰,
 A. Romaniouk⁹⁵, M. Romano^{19a,19b}, V.M. Romanov⁶⁴, G. Romeo²⁶, E. Romero Adam¹⁶⁶, L. Roos⁷⁷,
 E. Ros¹⁶⁶, S. Rosati^{131a}, K. Rosbach⁴⁹, A. Rose¹⁴⁸, M. Rose⁷⁵, G.A. Rosenbaum¹⁵⁷, E.I. Rosenberg⁶³,

P.L. Rosendahl¹³, O. Rosenthal¹⁴⁰, L. Rosselet⁴⁹, V. Rossetti¹¹, E. Rossi^{131a,131b}, L.P. Rossi^{50a}, M. Rotaru^{25a}, I. Roth¹⁷⁰, J. Rothberg¹³⁷, D. Rousseau¹¹⁴, C.R. Royon¹³⁵, A. Rozanov⁸², Y. Rozen¹⁵¹, X. Ruan^{114,ad}, F. Rubbo¹¹, I. Rubinskiy⁴¹, B. Ruckert⁹⁷, N. Ruckstuhl¹⁰⁴, V.I. Rud⁹⁶, C. Rudolph⁴³, G. Rudolph⁶¹, F. Rühr⁶, F. Ruggieri^{133a,133b}, A. Ruiz-Martinez⁶³, V. Rumiantsev^{90,*}, L. Rumyantsev⁶⁴, K. Runge⁴⁸, Z. Rurikova⁴⁸, N.A. Rusakovich⁶⁴, D.R. Rust⁶⁰, J.P. Rutherford⁶, C. Ruwiedel¹⁴, P. Ruzicka¹²⁴, Y.F. Ryabov¹²⁰, V. Ryadovikov¹²⁷, P. Ryan⁸⁷, M. Rybar¹²⁵, G. Rybkin¹¹⁴, N.C. Ryder¹¹⁷, S. Rzaeva¹⁰, A.F. Saavedra¹⁴⁹, I. Sadeh¹⁵², H.F.-W. Sadrozinski¹³⁶, R. Sadykov⁶⁴, F. Safai Tehrani^{131a}, H. Sakamoto¹⁵⁴, G. Salamanna⁷⁴, A. Salamon^{132a}, M. Saleem¹¹⁰, D. Salek²⁹, D. Salihagic⁹⁸, A. Salnikov¹⁴², J. Salt¹⁶⁶, B.M. Salvachua Ferrando⁵, D. Salvatore^{36a,36b}, F. Salvatore¹⁴⁸, A. Salvucci¹⁰³, A. Salzburger²⁹, D. Sampsonidis¹⁵³, B.H. Samset¹¹⁶, A. Sanchez^{101a,101b}, V. Sanchez Martinez¹⁶⁶, H. Sandaker¹³, H.G. Sander⁸⁰, M.P. Sanders⁹⁷, M. Sandhoff¹⁷³, T. Sandoval²⁷, C. Sandoval¹⁶¹, R. Sandstroem⁹⁸, S. Sandvoss¹⁷³, D.P.C. Sankey¹²⁸, A. Sansoni⁴⁷, C. Santamarina Rios⁸⁴, C. Santoni³³, R. Santonico^{132a,132b}, H. Santos^{123a}, J.G. Saraiva^{123a}, T. Sarangi¹⁷¹, E. Sarkisyan-Grinbaum⁷, F. Sarri^{121a,121b}, G. Sartisohn¹⁷³, O. Sasaki⁶⁵, N. Sasao⁶⁷, I. Satsounkevitch⁸⁹, G. Sauvage⁴, E. Sauvan⁴, J.B. Sauvan¹¹⁴, P. Savard^{157,d}, V. Savinov¹²², D.O. Savu²⁹, L. Sawyer^{24,l}, D.H. Saxon⁵³, J. Saxon¹¹⁹, L.P. SAYS³³, C. Sbarra^{19a}, A. Sbrizzi^{19a,19b}, O. Scallon⁹², D.A. Scannicchio¹⁶², M. Scarcella¹⁴⁹, J. Schaarschmidt¹¹⁴, P. Schacht⁹⁸, D. Schaefer¹¹⁹, U. Schäfer⁸⁰, S. Schaepe²⁰, S. Schaetzel^{58b}, A.C. Schaffer¹¹⁴, D. Schaile⁹⁷, R.D. Schamberger¹⁴⁷, A.G. Schamov¹⁰⁶, V. Scharf^{58a}, V.A. Schegelsky¹²⁰, D. Scheirich⁸⁶, M. Schernau¹⁶², M.I. Scherzer³⁴, C. Schiavi^{50a,50b}, J. Schieck⁹⁷, M. Schioppa^{36a,36b}, S. Schlenker²⁹, J.L. Schlereth⁵, E. Schmidt⁴⁸, K. Schmieden²⁰, C. Schmitt⁸⁰, S. Schmitt^{58b}, M. Schmitz²⁰, B. Schneider¹⁶, A. Schöning^{58b}, M. Schott²⁹, D. Schouten^{158a}, J. Schovancova¹²⁴, M. Schram⁸⁴, C. Schroeder⁸⁰, N. Schroer^{58c}, S. Schuh²⁹, G. Schuler²⁹, M.J. Schultens²⁰, J. Schultes¹⁷³, H.-C. Schultz-Coulon^{58a}, H. Schulz¹⁵, J.W. Schumacher²⁰, M. Schumacher⁴⁸, B.A. Schumm¹³⁶, Ph. Schune¹³⁵, C. Schwanenberger⁸¹, A. Schwartzman¹⁴², Ph. Schwemling⁷⁷, R. Schwienhorst⁸⁷, R. Schwierz⁴³, J. Schwindling¹³⁵, T. Schwindt²⁰, M. Schwoerer⁴, G. Sciolla²², W.G. Scott¹²⁸, J. Searcy¹¹³, G. Sedov⁴¹, E. Sedykh¹²⁰, E. Segura¹¹, S.C. Seidel¹⁰², A. Seiden¹³⁶, F. Seifert⁴³, J.M. Seixas^{23a}, G. Sekhniaidze^{101a}, S.J. Sekula³⁹, K.E. Selbach⁴⁵, D.M. Seliverstov¹²⁰, B. Sellden^{145a}, G. Sellers⁷², M. Seman^{143b}, N. Semprini-Cesari^{19a,19b}, C. Serfon⁹⁷, L. Serin¹¹⁴, L. Serkin⁵⁴, R. Seuster⁹⁸, H. Severini¹¹⁰, M.E. Sevior⁸⁵, A. Sfyrta²⁹, E. Shabalina⁵⁴, M. Shamim¹¹³, L.Y. Shan^{32a}, J.T. Shank²¹, Q.T. Shao⁸⁵, M. Shapiro¹⁴, P.B. Shatalov⁹⁴, L. Shaver⁶, K. Shaw^{163a,163c}, D. Sherman¹⁷⁴, P. Sherwood⁷⁶, A. Shibata¹⁰⁷, H. Shichi¹⁰⁰, S. Shimizu²⁹, M. Shimojima⁹⁹, T. Shin⁵⁶, M. Shiyakova⁶⁴, A. Shmeleva⁹³, M.J. Shochet³⁰, D. Short¹¹⁷, S. Shrestha⁶³, E. Shulga⁹⁵, M.A. Shupe⁶, P. Sicho¹²⁴, A. Sidoti^{131a}, F. Siegert⁴⁸, Dj. Sijacki^{12a}, O. Silbert¹⁷⁰, J. Silva^{123a,b}, Y. Silver¹⁵², D. Silverstein¹⁴², S.B. Silverstein^{145a}, V. Simak¹²⁶, O. Simard¹³⁵, Lj. Simic^{12a}, S. Simion¹¹⁴, B. Simmons⁷⁶, R. Simoniello^{88a,88b}, M. Simonyan³⁵, P. Sinervo¹⁵⁷, N.B. Sinev¹¹³, V. Sipica¹⁴⁰, G. Siragusa¹⁷², A. Sircar²⁴, A.N. Sisakyan⁶⁴, S.Yu. Sivoklokov⁹⁶, J. Sjölin^{145a,145b}, T.B. Sjursen¹³, L.A. Skinnari¹⁴, H.P. Skottowe⁵⁷, K. Skovpen¹⁰⁶, P. Skubic¹¹⁰, N. Skvorodnev²², M. Slater¹⁷, T. Slavicek¹²⁶, K. Sliwa¹⁶⁰, J. Sloper²⁹, V. Smakhtin¹⁷⁰, B.H. Smart⁴⁵, S.Yu. Smirnov⁹⁵, Y. Smirnov⁹⁵, L.N. Smirnova⁹⁶, O. Smirnova⁷⁸, B.C. Smith⁵⁷, D. Smith¹⁴², K.M. Smith⁵³, M. Smizanska⁷⁰, K. Smolek¹²⁶, A.A. Snesarev⁹³, S.W. Snow⁸¹, J. Snow¹¹⁰, J. Snuverink¹⁰⁴, S. Snyder²⁴, M. Soares^{123a}, R. Sobie^{168,j}, J. Sodomka¹²⁶, A. Soffer¹⁵², C.A. Solans¹⁶⁶, M. Solar¹²⁶, J. Solc¹²⁶, E. Soldatov⁹⁵, U. Soldevila¹⁶⁶, E. Solfaroli Camillocci^{131a,131b}, A.A. Solodkov¹²⁷, O.V. Solovyanov¹²⁷, N. Soni², V. Sopko¹²⁶, B. Sopko¹²⁶, M. Sosebee⁷, R. Soualah^{163a,163c}, A. Soukharev¹⁰⁶, S. Spagnolo^{71a,71b}, F. Spanò⁷⁵, R. Spighi^{19a}, G. Spigo²⁹, F. Spila^{131a,131b}, R. Spiwoks²⁹, M. Spousta¹²⁵, T. Spreitzer¹⁵⁷, B. Spurlock⁷, R.D. St. Denis⁵³, T. Stahl¹⁴⁰, J. Stahlman¹¹⁹, R. Stamen^{58a}, E. Stanecka³⁸, R.W. Stanek⁵, C. Stanescu^{133a}, M. Stanescu-Bellu⁴¹, S. Stapnes¹¹⁶, E.A. Starchenko¹²⁷, J. Stark⁵⁵, P. Staroba¹²⁴, P. Starovoitov⁹⁰, A. Staude⁹⁷, P. Stavina^{143a}, G. Stavropoulos¹⁴, G. Steele⁵³, P. Steinbach⁴³, P. Steinberg²⁴, I. Stekl¹²⁶, B. Stelzer¹⁴¹, H.J. Stelzer⁸⁷, O. Stelzer-Chilton^{158a}, H. Stenzel⁵², S. Stern⁹⁸, K. Stevenson⁷⁴, G.A. Stewart²⁹, J.A. Stillings²⁰, M.C. Stockton⁸⁴, K. Stoerig⁴⁸, G. Stoicea^{25a}, S. Stonjek⁹⁸, P. Strachota¹²⁵, A.R. Stradling⁷, A. Straessner⁴³, J. Strandberg¹⁴⁶, S. Strandberg^{145a,145b}, A. Strandlie¹¹⁶, M. Strang¹⁰⁸, E. Strauss¹⁴², M. Strauss¹¹⁰, P. Strizenec^{143b}, R. Ströhmer¹⁷², D.M. Strom¹¹³, J.A. Strong^{75,*}, R. Stroynowski³⁹, J. Strube¹²⁸, B. Stugu¹³, I. Stumer^{24,*}, J. Stupak¹⁴⁷, P. Sturm¹⁷³, N.A. Styles⁴¹, D.A. Soh^{150,u}, D. Su¹⁴², H.S. Subramania², A. Succurro¹¹,

Y. Sugaya¹¹⁵, T. Sugimoto¹⁰⁰, C. Suhr¹⁰⁵, K. Suita⁶⁶, M. Suk¹²⁵, V.V. Sulin⁹³, S. Sultansoy^{3d},
 T. Sumida⁶⁷, X. Sun⁵⁵, J.E. Sundermann⁴⁸, K. Suruliz¹³⁸, S. Sushkov¹¹, G. Susinno^{36a,36b},
 M.R. Sutton¹⁴⁸, Y. Suzuki⁶⁵, Y. Suzuki⁶⁶, M. Svatos¹²⁴, Yu.M. Sviridov¹²⁷, S. Swedish¹⁶⁷, I. Sykora^{143a},
 T. Sykora¹²⁵, B. Szeless²⁹, J. Sánchez¹⁶⁶, D. Ta¹⁰⁴, K. Tackmann⁴¹, A. Taffard¹⁶², R. Tafirout^{158a},
 N. Taiblum¹⁵², Y. Takahashi¹⁰⁰, H. Takai²⁴, R. Takashima⁶⁸, H. Takeda⁶⁶, T. Takeshita¹³⁹, Y. Takubo⁶⁵,
 M. Talby⁸², A. Talyshev^{106.f}, M.C. Tamsett²⁴, J. Tanaka¹⁵⁴, R. Tanaka¹¹⁴, S. Tanaka¹³⁰, S. Tanaka⁶⁵,
 Y. Tanaka⁹⁹, A.J. Tanasijczuk¹⁴¹, K. Tani⁶⁶, N. Tannoury⁸², G.P. Tappern²⁹, S. Tapprogge⁸⁰, D. Tardif¹⁵⁷,
 S. Tarem¹⁵¹, F. Tarrade²⁸, G.F. Tartarelli^{88a}, P. Tas¹²⁵, M. Tasevsky¹²⁴, E. Tassi^{36a,36b}, M. Tatarkhanov¹⁴,
 Y. Tayalati^{134d}, C. Taylor⁷⁶, F.E. Taylor⁹¹, G.N. Taylor⁸⁵, W. Taylor^{158b}, M. Teinturier¹¹⁴,
 M. Teixeira Dias Castanheira⁷⁴, P. Teixeira-Dias⁷⁵, K.K. Temming⁴⁸, H. Ten Kate²⁹, P.K. Teng¹⁵⁰,
 S. Terada⁶⁵, K. Terashi¹⁵⁴, J. Terron⁷⁹, M. Testa⁴⁷, R.J. Teuscher^{157.j}, J. Thadome¹⁷³, J. Therhaag²⁰,
 T. Theveneaux-Pelzer⁷⁷, M. Thioye¹⁷⁴, S. Thoma⁴⁸, J.P. Thomas¹⁷, E.N. Thompson³⁴, P.D. Thompson¹⁷,
 P.D. Thompson¹⁵⁷, A.S. Thompson⁵³, L.A. Thomsen³⁵, E. Thomson¹¹⁹, M. Thomson²⁷, R.P. Thun⁸⁶,
 F. Tian³⁴, M.J. Tibbetts¹⁴, T. Tic¹²⁴, V.O. Tikhomirov⁹³, Y.A. Tikhonov^{106.f}, S. Timoshenko⁹⁵,
 P. Tipton¹⁷⁴, F.J. Tique Aires Viegas²⁹, S. Tisserant⁸², B. Toczec³⁷, T. Todorov⁴, S. Todorova-Nova¹⁶⁰,
 B. Toggerson¹⁶², J. Tojo⁶⁵, S. Tokár^{143a}, K. Tokunaga⁶⁶, K. Tokushuku⁶⁵, K. Tollefson⁸⁷, M. Tomoto¹⁰⁰,
 L. Tompkins³⁰, K. Toms¹⁰², G. Tong^{32a}, A. Tonoyan¹³, C. Topfel¹⁶, N.D. Topilin⁶⁴, I. Torchiani²⁹,
 E. Torrence¹¹³, H. Torres⁷⁷, E. Torró Pastor¹⁶⁶, J. Toth^{82.aa}, F. Touchard⁸², D.R. Tovey¹³⁸, T. Trefzger¹⁷²,
 L. Tremblet²⁹, A. Tricoli²⁹, I.M. Trigger^{158a}, S. Trincaz-Duvoid⁷⁷, T.N. Trinh⁷⁷, M.F. Tripiana⁶⁹,
 W. Trischuk¹⁵⁷, A. Trivedi^{24.z}, B. Trocmé⁵⁵, C. Troncon^{88a}, M. Trotter-McDonald¹⁴¹, M. Trzebinski³⁸,
 A. Trzupek³⁸, C. Tsarouchas²⁹, J.C-L. Tseng¹¹⁷, M. Tsiakiris¹⁰⁴, P.V. Tsiarshka⁸⁹, D. Tsiou^{4.ae},
 G. Tsipolitis⁹, V. Tsiskaridze⁴⁸, E.G. Tskhadadze^{51a}, I.I. Tsukerman⁹⁴, V. Tsulaia¹⁴, J.-W. Tsung²⁰,
 S. Tsuno⁶⁵, D. Tsybychev¹⁴⁷, A. Tua¹³⁸, A. Tudorache^{25a}, V. Tudorache^{25a}, J.M. Tuggle³⁰, M. Turala³⁸,
 D. Turecek¹²⁶, I. Turk Cakir^{3e}, E. Turlay¹⁰⁴, R. Turra^{88a,88b}, P.M. Tuts³⁴, A. Tykhonov⁷³,
 M. Tylmad^{145a,145b}, M. Tyndel¹²⁸, G. Tzanakos⁸, K. Uchida²⁰, I. Ueda¹⁵⁴, R. Ueno²⁸, M. Ugland¹³,
 M. Uhlenbrock²⁰, M. Uhrmacher⁵⁴, F. Ukegawa¹⁵⁹, G. Unal²⁹, D.G. Underwood⁵, A. Undrus²⁴,
 G. Unel¹⁶², Y. Unno⁶⁵, D. Urbaniec³⁴, G. Usai⁷, M. Uslenghi^{118a,118b}, L. Vacavant⁸², V. Vacek¹²⁶,
 B. Vachon⁸⁴, S. Vahsen¹⁴, J. Valenta¹²⁴, P. Valente^{131a}, S. Valentinetti^{19a,19b}, S. Valkar¹²⁵,
 E. Valladolid Gallego¹⁶⁶, S. Vallecorsa¹⁵¹, J.A. Valls Ferrer¹⁶⁶, H. van der Graaf¹⁰⁴, E. van der Kraaij¹⁰⁴,
 R. Van Der Leeuw¹⁰⁴, E. van der Poel¹⁰⁴, D. van der Ster²⁹, N. van Eldik⁸³, P. van Gemmeren⁵,
 Z. van Kesteren¹⁰⁴, I. van Vulpen¹⁰⁴, M. Vanadia⁹⁸, W. Vandelli²⁹, G. Vandoni²⁹, A. Vaniachine⁵,
 P. Vankov⁴¹, F. Vannucci⁷⁷, F. Varela Rodriguez²⁹, R. Vari^{131a}, E.W. Varnes⁶, T. Varol⁸³, D. Varouchas¹⁴,
 A. Vartapetian⁷, K.E. Varvell¹⁴⁹, V.I. Vassilakopoulos⁵⁶, F. Vazeille³³, T. Vazquez Schroeder⁵⁴,
 G. Vegni^{88a,88b}, J.J. Veillet¹¹⁴, C. Vellidis⁸, F. Veloso^{123a}, R. Veness²⁹, S. Veneziano^{131a},
 A. Ventura^{71a,71b}, D. Ventura¹³⁷, M. Venturi⁴⁸, N. Venturi¹⁵⁷, V. Vercesi^{118a}, M. Verducci¹³⁷,
 W. Verkerke¹⁰⁴, J.C. Vermeulen¹⁰⁴, A. Vest⁴³, M.C. Vetterli^{141.d}, I. Vichou¹⁶⁴, T. Vickey^{144b,af},
 O.E. Vickey Boeriu^{144b}, G.H.A. Viehhauser¹¹⁷, S. Viel¹⁶⁷, M. Villa^{19a,19b}, M. Villaplana Perez¹⁶⁶,
 E. Vilucchi⁴⁷, M.G. Vincter²⁸, E. Vinek²⁹, V.B. Vinogradov⁶⁴, M. Virchaux^{135,*}, J. Virzi¹⁴, O. Vitells¹⁷⁰,
 M. Viti⁴¹, I. Vivarelli⁴⁸, F. Vives Vaque², S. Vlachos⁹, D. Vladoiu⁹⁷, M. Vlasak¹²⁶, N. Vlasov²⁰,
 A. Vogel²⁰, P. Vokac¹²⁶, G. Volpi⁴⁷, M. Volpi⁸⁵, G. Volpini^{88a}, H. von der Schmitt⁹⁸, J. von Loeben⁹⁸,
 H. von Radziewski⁴⁸, E. von Toerne²⁰, V. Vorobel¹²⁵, A.P. Vorobiev¹²⁷, V. Vorwerk¹¹, M. Vos¹⁶⁶,
 R. Voss²⁹, T.T. Voss¹⁷³, J.H. Vosseveld⁷², N. Vranjes^{12a}, M. Vranjes Milosavljevic¹⁰⁴, V. Vrba¹²⁴,
 M. Vreeswijk¹⁰⁴, T. Vu Anh⁸⁰, R. Vuillermet²⁹, I. Vukotic¹¹⁴, W. Wagner¹⁷³, P. Wagner¹¹⁹,
 H. Wahlen¹⁷³, J. Wakabayashi¹⁰⁰, J. Walbersloh⁴², S. Walch⁸⁶, J. Walder⁷⁰, R. Walker⁹⁷,
 W. Walkowiak¹⁴⁰, R. Wall¹⁷⁴, P. Waller⁷², C. Wang⁴⁴, H. Wang¹⁷¹, H. Wang^{32b,ag}, J. Wang¹⁵⁰,
 J. Wang⁵⁵, J.C. Wang¹³⁷, R. Wang¹⁰², S.M. Wang¹⁵⁰, T. Wang²⁰, A. Warburton⁸⁴, C.P. Ward²⁷,
 M. Warsinsky⁴⁸, A. Washbrook⁴⁵, C. Wasicki⁴¹, P.M. Watkins¹⁷, A.T. Watson¹⁷, I.J. Watson¹⁴⁹,
 M.F. Watson¹⁷, G. Watts¹³⁷, S. Watts⁸¹, A.T. Waugh¹⁴⁹, B.M. Waugh⁷⁶, M. Weber¹²⁸, M.S. Weber¹⁶,
 P. Weber⁵⁴, A.R. Weidberg¹¹⁷, P. Weigell⁹⁸, J. Weingarten⁵⁴, C. Weiser⁴⁸, H. Wellenstein²², P.S. Wells²⁹,
 M. Wen⁴⁷, T. Wenaus²⁴, D. Wendland¹⁵, S. Wendler¹²², Z. Weng^{150,u}, T. Wengler²⁹, S. Wenig²⁹,
 N. Wermes²⁰, M. Werner⁴⁸, P. Werner²⁹, M. Werth¹⁶², M. Wessels^{58a}, J. Wetter¹⁶⁰, C. Weydert⁵⁵,
 K. Whalen²⁸, S.J. Wheeler-Ellis¹⁶², S.P. Whitaker²¹, A. White⁷, M.J. White⁸⁵, S. White^{121a,121b},

S.R. Whitehead¹¹⁷, D. Whiteson¹⁶², D. Whittington⁶⁰, F. Wicek¹¹⁴, D. Wicke¹⁷³, F.J. Wickens¹²⁸, W. Wiedenmann¹⁷¹, M. Wieler¹²⁸, P. Wienemann²⁰, C. Wiglesworth⁷⁴, L.A.M. Wiik-Fuchs⁴⁸, P.A. Wijeratne⁷⁶, A. Wildauer¹⁶⁶, M.A. Wildt^{41,q}, I. Wilhelm¹²⁵, H.G. Wilkens²⁹, J.Z. Will⁹⁷, E. Williams³⁴, H.H. Williams¹¹⁹, W. Willis³⁴, S. Willocq⁸³, J.A. Wilson¹⁷, M.G. Wilson¹⁴², A. Wilson⁸⁶, I. Wingerter-Seez⁴, S. Winkelmann⁴⁸, F. Winklmeier²⁹, M. Wittgen¹⁴², M.W. Wolter³⁸, H. Wolters^{123a,h}, W.C. Wong⁴⁰, G. Wooden⁸⁶, B.K. Wosiek³⁸, J. Wotschack²⁹, M.J. Woudstra⁸³, K.W. Wozniak³⁸, K. Wraight⁵³, C. Wright⁵³, M. Wright⁵³, B. Wrona⁷², S.L. Wu¹⁷¹, X. Wu⁴⁹, Y. Wu^{32b,ah}, E. Wulf³⁴, R. Wunstorff⁴², B.M. Wynne⁴⁵, S. Xella³⁵, M. Xiao¹³⁵, S. Xie⁴⁸, Y. Xie^{32a}, C. Xu^{32b,w}, D. Xu¹³⁸, G. Xu^{32a}, B. Yabsley¹⁴⁹, S. Yacoob^{144b}, M. Yamada⁶⁵, H. Yamaguchi¹⁵⁴, A. Yamamoto⁶⁵, K. Yamamoto⁶³, S. Yamamoto¹⁵⁴, T. Yamamura¹⁵⁴, T. Yamanaka¹⁵⁴, J. Yamaoka⁴⁴, T. Yamazaki¹⁵⁴, Y. Yamazaki⁶⁶, Z. Yan²¹, H. Yang⁸⁶, U.K. Yang⁸¹, Y. Yang⁶⁰, Y. Yang^{32a}, Z. Yang^{145a,145b}, S. Yanush⁹⁰, Y. Yao¹⁴, Y. Yasu⁶⁵, G.V. Ybeles Smit¹²⁹, J. Ye³⁹, S. Ye²⁴, M. Yilmaz^{3c}, R. Yoosoofmiya¹²², K. Yorita¹⁶⁹, R. Yoshida⁵, C. Young¹⁴², C.J. Young¹¹⁷, S. Youssef²¹, D. Yu²⁴, J. Yu⁷, J. Yu¹¹¹, L. Yuan^{32a,ai}, A. Yurkewicz¹⁰⁵, B. Zabinski³⁸, V.G. Zaets¹²⁷, R. Zaidan⁶², A.M. Zaitsev¹²⁷, Z. Zajacova²⁹, L. Zanello^{131a,131b}, P. Zarzhitsky³⁹, A. Zaytsev¹⁰⁶, C. Zeitnitz¹⁷³, M. Zeller¹⁷⁴, M. Zeman¹²⁴, A. Zemla³⁸, C. Zendler²⁰, O. Zenin¹²⁷, T. Ženiš^{143a}, Z. Zinonos^{121a,121b}, S. Zenz¹⁴, D. Zerwas¹¹⁴, G. Zevi della Porta⁵⁷, Z. Zhan^{32d}, D. Zhang^{32b,ag}, H. Zhang⁸⁷, J. Zhang⁵, X. Zhang^{32d}, Z. Zhang¹¹⁴, L. Zhao¹⁰⁷, T. Zhao¹³⁷, Z. Zhao^{32b}, A. Zhemchugov⁶⁴, S. Zheng^{32a}, J. Zhong¹¹⁷, B. Zhou⁸⁶, N. Zhou¹⁶², Y. Zhou¹⁵⁰, C.G. Zhu^{32d}, H. Zhu⁴¹, J. Zhu⁸⁶, Y. Zhu^{32b}, X. Zhuang⁹⁷, V. Zhuravlov⁹⁸, D. Zieminska⁶⁰, R. Zimmermann²⁰, S. Zimmermann²⁰, S. Zimmermann⁴⁸, M. Ziolkowski¹⁴⁰, R. Zitoun⁴, L. Živković³⁴, V.V. Zmouchko^{127,*}, G. Zobernig¹⁷¹, A. Zoccoli^{19a,19b}, Y. Zolnierowski⁴, A. Zsenei²⁹, M. zur Nedden¹⁵, V. Zutshi¹⁰⁵, L. Zwalinski²⁹

¹ University at Albany, Albany, NY, United States

² Department of Physics, University of Alberta, Edmonton, AB, Canada

³ ^(a) Department of Physics, Ankara University, Ankara; ^(b) Department of Physics, Dumlupinar University, Kutahya; ^(c) Department of Physics, Gazi University, Ankara; ^(d) Division of Physics, TOBB University of Economics and Technology, Ankara; ^(e) Turkish Atomic Energy Authority, Ankara, Turkey

⁴ LAPP, CNRS/IN2P3 and Université de Savoie, Annecy-le-Vieux, France

⁵ High Energy Physics Division, Argonne National Laboratory, Argonne, IL, United States

⁶ Department of Physics, University of Arizona, Tucson, AZ, United States

⁷ Department of Physics, The University of Texas at Arlington, Arlington, TX, United States

⁸ Physics Department, University of Athens, Athens, Greece

⁹ Physics Department, National Technical University of Athens, Zografou, Greece

¹⁰ Institute of Physics, Azerbaijan Academy of Sciences, Baku, Azerbaijan

¹¹ Institut de Física d'Altes Energies and Departament de Física de la Universitat Autònoma de Barcelona and ICREA, Barcelona, Spain

¹² ^(a) Institute of Physics, University of Belgrade, Belgrade; ^(b) Vinca Institute of Nuclear Sciences, Belgrade, Serbia

¹³ Department for Physics and Technology, University of Bergen, Bergen, Norway

¹⁴ Physics Division, Lawrence Berkeley National Laboratory and University of California, Berkeley, CA, United States

¹⁵ Department of Physics, Humboldt University, Berlin, Germany

¹⁶ Albert Einstein Center for Fundamental Physics and Laboratory for High Energy Physics, University of Bern, Bern, Switzerland

¹⁷ School of Physics and Astronomy, University of Birmingham, Birmingham, United Kingdom

¹⁸ ^(a) Department of Physics, Bogazici University, Istanbul; ^(b) Division of Physics, Dogus University, Istanbul; ^(c) Department of Physics Engineering, Gaziantep University, Gaziantep;

^(d) Department of Physics, Istanbul Technical University, Istanbul, Turkey

¹⁹ ^(a) INFN Sezione di Bologna; ^(b) Dipartimento di Fisica, Università di Bologna, Bologna, Italy

²⁰ Physikalisches Institut, University of Bonn, Bonn, Germany

²¹ Department of Physics, Boston University, Boston, MA, United States

²² Department of Physics, Brandeis University, Waltham, MA, United States

²³ ^(a) Universidade Federal do Rio De Janeiro COPPE/EE/IF, Rio de Janeiro; ^(b) Federal University of Juiz de Fora (UFJF), Juiz de Fora; ^(c) Federal University of Sao Joao del Rei (UFSJ), Sao Joao del Rei; ^(d) Instituto de Física, Universidade de Sao Paulo, Sao Paulo, Brazil

²⁴ Physics Department, Brookhaven National Laboratory, Upton, NY, United States

²⁵ ^(a) National Institute of Physics and Nuclear Engineering, Bucharest; ^(b) University Politehnica Bucharest, Bucharest; ^(c) West University in Timisoara, Timisoara, Romania

²⁶ Departamento de Física, Universidad de Buenos Aires, Buenos Aires, Argentina

²⁷ Cavendish Laboratory, University of Cambridge, Cambridge, United Kingdom

²⁸ Department of Physics, Carleton University, Ottawa, ON, Canada

²⁹ CERN, Geneva, Switzerland

³⁰ Enrico Fermi Institute, University of Chicago, Chicago, IL, United States

³¹ ^(a) Departamento de Física, Pontificia Universidad Católica de Chile, Santiago; ^(b) Departamento de Física, Universidad Técnica Federico Santa María, Valparaíso, Chile

³² ^(a) Institute of High Energy Physics, Chinese Academy of Sciences, Beijing; ^(b) Department of Modern Physics, University of Science and Technology of China, Anhui; ^(c) Department of Physics, Nanjing University, Jiangsu; ^(d) School of Physics, Shandong University, Shandong, China

³³ Laboratoire de Physique Corpusculaire, Clermont Université and Université Blaise Pascal and CNRS/IN2P3, Aubiere Cedex, France

³⁴ Nevis Laboratory, Columbia University, Irvington, NY, United States

³⁵ Niels Bohr Institute, University of Copenhagen, Copenhagen, Denmark

³⁶ ^(a) INFN Gruppo Collegato di Cosenza; ^(b) Dipartimento di Fisica, Università della Calabria, Arcavata di Rende, Italy

³⁷ AGH University of Science and Technology, Faculty of Physics and Applied Computer Science, Krakow, Poland

³⁸ The Henryk Niewodniczanski Institute of Nuclear Physics, Polish Academy of Sciences, Krakow, Poland

³⁹ Physics Department, Southern Methodist University, Dallas, TX, United States

⁴⁰ Physics Department, University of Texas at Dallas, Richardson, TX, United States

⁴¹ DESY, Hamburg and Zeuthen, Germany

⁴² Institut für Experimentelle Physik IV, Technische Universität Dortmund, Dortmund, Germany

- 43 Institut für Kern- und Teilchenphysik, Technical University Dresden, Dresden, Germany
- 44 Department of Physics, Duke University, Durham, NC, United States
- 45 SUPA – School of Physics and Astronomy, University of Edinburgh, Edinburgh, United Kingdom
- 46 Fachhochschule Wiener Neustadt, Johannes Gutenbergstrasse 3, 2700 Wiener Neustadt, Austria
- 47 INFN Laboratori Nazionali di Frascati, Frascati, Italy
- 48 Fakultät für Mathematik und Physik, Albert-Ludwigs-Universität, Freiburg i.Br., Germany
- 49 Section de Physique, Université de Genève, Geneva, Switzerland
- 50 ^(a) INFN Sezione di Genova; ^(b) Dipartimento di Fisica, Università di Genova, Genova, Italy
- 51 ^(a) E. Andronikashvili Institute of Physics, Tbilisi State University, Tbilisi; ^(b) High Energy Physics Institute, Tbilisi State University, Tbilisi, Georgia
- 52 II Physikalisches Institut, Justus-Liebig-Universität Giessen, Giessen, Germany
- 53 SUPA – School of Physics and Astronomy, University of Glasgow, Glasgow, United Kingdom
- 54 II Physikalisches Institut, Georg-August-Universität, Göttingen, Germany
- 55 Laboratoire de Physique Subatomique et de Cosmologie, Université Joseph Fourier and CNRS/IN2P3 and Institut National Polytechnique de Grenoble, Grenoble, France
- 56 Department of Physics, Hampton University, Hampton, VA, United States
- 57 Laboratory for Particle Physics and Cosmology, Harvard University, Cambridge, MA, United States
- 58 ^(a) Kirchhoff-Institut für Physik, Ruprecht-Karls-Universität Heidelberg, Heidelberg; ^(b) Physikalisches Institut, Ruprecht-Karls-Universität Heidelberg, Heidelberg; ^(c) ZITI Institut für Technische Informatik, Ruprecht-Karls-Universität Heidelberg, Mannheim, Germany
- 59 Faculty of Applied Information Science, Hiroshima Institute of Technology, Hiroshima, Japan
- 60 Department of Physics, Indiana University, Bloomington, IN, United States
- 61 Institut für Astro- und Teilchenphysik, Leopold-Franzens-Universität, Innsbruck, Austria
- 62 University of Iowa, Iowa City, IA, United States
- 63 Department of Physics and Astronomy, Iowa State University, Ames, IA, United States
- 64 Joint Institute for Nuclear Research, JINR Dubna, Dubna, Russia
- 65 KEK, High Energy Accelerator Research Organization, Tsukuba, Japan
- 66 Graduate School of Science, Kobe University, Kobe, Japan
- 67 Faculty of Science, Kyoto University, Kyoto, Japan
- 68 Kyoto University of Education, Kyoto, Japan
- 69 Instituto de Física La Plata, Universidad Nacional de La Plata and CONICET, La Plata, Argentina
- 70 Physics Department, Lancaster University, Lancaster, United Kingdom
- 71 ^(a) INFN Sezione di Lecce; ^(b) Dipartimento di Fisica, Università del Salento, Lecce, Italy
- 72 Oliver Lodge Laboratory, University of Liverpool, Liverpool, United Kingdom
- 73 Department of Physics, Jožef Stefan Institute and University of Ljubljana, Ljubljana, Slovenia
- 74 School of Physics and Astronomy, Queen Mary University of London, London, United Kingdom
- 75 Department of Physics, Royal Holloway University of London, Surrey, United Kingdom
- 76 Department of Physics and Astronomy, University College London, London, United Kingdom
- 77 Laboratoire de Physique Nucléaire et de Hautes Energies, UPMC and Université Paris-Diderot and CNRS/IN2P3, Paris, France
- 78 Fysiska Institutionen, Lunds Universitet, Lund, Sweden
- 79 Departamento de Física Teórica C-15, Universidad Autónoma de Madrid, Madrid, Spain
- 80 Institut für Physik, Universität Mainz, Mainz, Germany
- 81 School of Physics and Astronomy, University of Manchester, Manchester, United Kingdom
- 82 CPPM, Aix-Marseille Université and CNRS/IN2P3, Marseille, France
- 83 Department of Physics, University of Massachusetts, Amherst, MA, United States
- 84 Department of Physics, McGill University, Montreal, QC, Canada
- 85 School of Physics, University of Melbourne, Victoria, Australia
- 86 Department of Physics, The University of Michigan, Ann Arbor, MI, United States
- 87 Department of Physics and Astronomy, Michigan State University, East Lansing, MI, United States
- 88 ^(a) INFN Sezione di Milano; ^(b) Dipartimento di Fisica, Università di Milano, Milano, Italy
- 89 B.I. Stepanov Institute of Physics, National Academy of Sciences of Belarus, Minsk, Belarus
- 90 National Scientific and Educational Centre for Particle and High Energy Physics, Minsk, Belarus
- 91 Department of Physics, Massachusetts Institute of Technology, Cambridge, MA, United States
- 92 Group of Particle Physics, University of Montreal, Montreal, QC, Canada
- 93 P.N. Lebedev Institute of Physics, Academy of Sciences, Moscow, Russia
- 94 Institute for Theoretical and Experimental Physics (ITEP), Moscow, Russia
- 95 Moscow Engineering and Physics Institute (MEPhI), Moscow, Russia
- 96 Skobel'syn Institute of Nuclear Physics, Lomonosov Moscow State University, Moscow, Russia
- 97 Fakultät für Physik, Ludwig-Maximilians-Universität München, München, Germany
- 98 Max-Planck-Institut für Physik (Werner-Heisenberg-Institut), München, Germany
- 99 Nagasaki Institute of Applied Science, Nagasaki, Japan
- 100 Graduate School of Science, Nagoya University, Nagoya, Japan
- 101 ^(a) INFN Sezione di Napoli; ^(b) Dipartimento di Scienze Fisiche, Università di Napoli, Napoli, Italy
- 102 Department of Physics and Astronomy, University of New Mexico, Albuquerque, NM, United States
- 103 Institute for Mathematics, Astrophysics and Particle Physics, Radboud University Nijmegen/Nikhef, Nijmegen, Netherlands
- 104 Nikhef National Institute for Subatomic Physics and University of Amsterdam, Amsterdam, Netherlands
- 105 Department of Physics, Northern Illinois University, DeKalb, IL, United States
- 106 Budker Institute of Nuclear Physics, SB RAS, Novosibirsk, Russia
- 107 Department of Physics, New York University, New York, NY, United States
- 108 Ohio State University, Columbus, OH, United States
- 109 Faculty of Science, Okayama University, Okayama, Japan
- 110 Homer L. Dodge Department of Physics and Astronomy, University of Oklahoma, Norman, OK, United States
- 111 Department of Physics, Oklahoma State University, Stillwater, OK, United States
- 112 Palacký University, RCPTM, Olomouc, Czech Republic
- 113 Center for High Energy Physics, University of Oregon, Eugene, OR, United States
- 114 LAL, Univ. Paris-Sud and CNRS/IN2P3, Orsay, France
- 115 Graduate School of Science, Osaka University, Osaka, Japan
- 116 Department of Physics, University of Oslo, Oslo, Norway
- 117 Department of Physics, Oxford University, Oxford, United Kingdom
- 118 ^(a) INFN Sezione di Pavia; ^(b) Dipartimento di Fisica, Università di Pavia, Pavia, Italy
- 119 Department of Physics, University of Pennsylvania, Philadelphia, PA, United States
- 120 Petersburg Nuclear Physics Institute, Gatchina, Russia

- 121 ^(a) INFN Sezione di Pisa; ^(b) Dipartimento di Fisica E. Fermi, Università di Pisa, Pisa, Italy
 122 Department of Physics and Astronomy, University of Pittsburgh, Pittsburgh, PA, United States
 123 ^(a) Laboratório de Instrumentação e Física Experimental de Partículas – LIP, Lisboa, Portugal; ^(b) Departamento de Física Teórica y del Cosmos and CAFPE, Universidad de Granada, Granada, Spain
 124 Institute of Physics, Academy of Sciences of the Czech Republic, Praha, Czech Republic
 125 Faculty of Mathematics and Physics, Charles University in Prague, Praha, Czech Republic
 126 Czech Technical University in Prague, Praha, Czech Republic
 127 State Research Center Institute for High Energy Physics, Protvino, Russia
 128 Particle Physics Department, Rutherford Appleton Laboratory, Didcot, United Kingdom
 129 Physics Department, University of Regina, Regina, SK, Canada
 130 Ritsumeikan University, Kusatsu, Shiga, Japan
 131 ^(a) INFN Sezione di Roma I; ^(b) Dipartimento di Fisica, Università La Sapienza, Roma, Italy
 132 ^(a) INFN Sezione di Roma Tor Vergata; ^(b) Dipartimento di Fisica, Università di Roma Tor Vergata, Roma, Italy
 133 ^(a) INFN Sezione di Roma Tre; ^(b) Dipartimento di Fisica, Università Roma Tre, Roma, Italy
 134 ^(a) Faculté des Sciences Ain Chock, Réseau Universitaire de Physique des Hautes Energies – Université Hassan II, Casablanca; ^(b) Centre National de l'Energie des Sciences Techniques Nucleaires, Rabat; ^(c) Faculté des Sciences Semlalia, Université Cadi Ayyad, LPHEA, Marrakech; ^(d) Faculté des Sciences, Université Mohamed Premier and LTPM, Oujda; ^(e) Faculté des Sciences, Université Mohammed V – Agdal, Rabat, Morocco
 135 DSM/IRFU (Institut de Recherches sur les Lois Fondamentales de l'Univers), CEA Saclay (Commissariat à l'Energie Atomique), Gif-sur-Yvette, France
 136 Santa Cruz Institute for Particle Physics, University of California Santa Cruz, Santa Cruz, CA, United States
 137 Department of Physics, University of Washington, Seattle, WA, United States
 138 Department of Physics and Astronomy, University of Sheffield, Sheffield, United Kingdom
 139 Department of Physics, Shinshu University, Nagano, Japan
 140 Fachbereich Physik, Universität Siegen, Siegen, Germany
 141 Department of Physics, Simon Fraser University, Burnaby, BC, Canada
 142 SLAC National Accelerator Laboratory, Stanford, CA, United States
 143 ^(a) Faculty of Mathematics, Physics & Informatics, Comenius University, Bratislava; ^(b) Department of Subnuclear Physics, Institute of Experimental Physics of the Slovak Academy of Sciences, Kosice, Slovak Republic
 144 ^(a) Department of Physics, University of Johannesburg, Johannesburg; ^(b) School of Physics, University of the Witwatersrand, Johannesburg, South Africa
 145 ^(a) Department of Physics, Stockholm University; ^(b) The Oskar Klein Centre, Stockholm, Sweden
 146 Physics Department, Royal Institute of Technology, Stockholm, Sweden
 147 Departments of Physics & Astronomy and Chemistry, Stony Brook University, Stony Brook, NY, United States
 148 Department of Physics and Astronomy, University of Sussex, Brighton, United Kingdom
 149 School of Physics, University of Sydney, Sydney, Australia
 150 Institute of Physics, Academia Sinica, Taipei, Taiwan
 151 Department of Physics, Technion – Israel Inst. of Technology, Haifa, Israel
 152 Raymond and Beverly Sackler School of Physics and Astronomy, Tel Aviv University, Tel Aviv, Israel
 153 Department of Physics, Aristotle University of Thessaloniki, Thessaloniki, Greece
 154 International Center for Elementary Particle Physics and Department of Physics, The University of Tokyo, Tokyo, Japan
 155 Graduate School of Science and Technology, Tokyo Metropolitan University, Tokyo, Japan
 156 Department of Physics, Tokyo Institute of Technology, Tokyo, Japan
 157 Department of Physics, University of Toronto, Toronto, ON, Canada
 158 ^(a) TRIUMF, Vancouver, BC; ^(b) Department of Physics and Astronomy, York University, Toronto, ON, Canada
 159 Institute of Pure and Applied Sciences, University of Tsukuba, 1-1-1 Tennodai, Tsukuba, Ibaraki 305-8571, Japan
 160 Science and Technology Center, Tufts University, Medford, MA, United States
 161 Centro de Investigaciones, Universidad Antonio Narino, Bogota, Colombia
 162 Department of Physics and Astronomy, University of California Irvine, Irvine, CA, United States
 163 ^(a) INFN Gruppo Collegato di Udine; ^(b) ICTP, Trieste; ^(c) Dipartimento di Chimica, Fisica e Ambiente, Università di Udine, Udine, Italy
 164 Department of Physics, University of Illinois, Urbana, IL, United States
 165 Department of Physics and Astronomy, University of Uppsala, Uppsala, Sweden
 166 Instituto de Física Corpuscular (IFIC) and Departamento de Física Atómica, Molecular y Nuclear and Departamento de Ingeniería Electrónica and Instituto de Microelectrónica de Barcelona (IMB-CNM), University of Valencia and CSIC, Valencia, Spain
 167 Department of Physics, University of British Columbia, Vancouver, BC, Canada
 168 Department of Physics and Astronomy, University of Victoria, Victoria, BC, Canada
 169 Waseda University, Tokyo, Japan
 170 Department of Particle Physics, The Weizmann Institute of Science, Rehovot, Israel
 171 Department of Physics, University of Wisconsin, Madison, WI, United States
 172 Fakultät für Physik und Astronomie, Julius-Maximilians-Universität, Würzburg, Germany
 173 Fachbereich C Physik, Bergische Universität Wuppertal, Wuppertal, Germany
 174 Department of Physics, Yale University, New Haven, CT, United States
 175 Yerevan Physics Institute, Yerevan, Armenia
 176 Domaine scientifique de la Doua, Centre de Calcul CNRS/IN2P3, Villeurbanne Cedex, France

^a Also at Laboratório de Instrumentação e Física Experimental de Partículas – LIP, Lisboa, Portugal.

^b Also at Faculdade de Ciências and CFNUL, Universidade de Lisboa, Lisboa, Portugal.

^c Also at Particle Physics Department, Rutherford Appleton Laboratory, Didcot, United Kingdom.

^d Also at TRIUMF, Vancouver, BC, Canada.

^e Also at Department of Physics, California State University, Fresno, CA, United States.

^f Also at Novosibirsk State University, Novosibirsk, Russia.

^g Also at Fermilab, Batavia, IL, United States.

^h Also at Department of Physics, University of Coimbra, Coimbra, Portugal.

ⁱ Also at Università di Napoli Parthenope, Napoli, Italy.

^j Also at Institute of Particle Physics (IPP), Canada.

^k Also at Department of Physics, Middle East Technical University, Ankara, Turkey.

^l Also at Louisiana Tech University, Ruston, LA, United States.

^m Also at Department of Physics and Astronomy, University College London, London, United Kingdom.

ⁿ Also at Group of Particle Physics, University of Montreal, Montreal, QC, Canada.

^o Also at Department of Physics, University of Cape Town, Cape Town, South Africa.

- ^p Also at Institute of Physics, Azerbaijan Academy of Sciences, Baku, Azerbaijan.
- ^q Also at Institut für Experimentalphysik, Universität Hamburg, Hamburg, Germany.
- ^r Also at Manhattan College, New York, NY, United States.
- ^s Also at School of Physics, Shandong University, Shandong, China.
- ^t Also at CPPM, Aix-Marseille Université and CNRS/IN2P3, Marseille, France.
- ^u Also at School of Physics and Engineering, Sun Yat-sen University, Guanzhou, China.
- ^v Also at Academia Sinica Grid Computing, Institute of Physics, Academia Sinica, Taipei, Taiwan.
- ^w Also at DSM/IRFU (Institut de Recherches sur les Lois Fondamentales de l'Univers), CEA Saclay (Commissariat à l'Energie Atomique), Gif-sur-Yvette, France.
- ^x Also at Section de Physique, Université de Genève, Geneva, Switzerland.
- ^y Also at Departamento de Física, Universidade de Minho, Braga, Portugal.
- ^z Also at Department of Physics and Astronomy, University of South Carolina, Columbia, SC, United States.
- ^{aa} Also at Institute for Particle and Nuclear Physics, Wigner Research Centre for Physics, Budapest, Hungary.
- ^{ab} Also at California Institute of Technology, Pasadena, CA, United States.
- ^{ac} Also at Institute of Physics, Jagiellonian University, Krakow, Poland.
- ^{ad} Also at Institute of High Energy Physics, Chinese Academy of Sciences, Beijing, China.
- ^{ae} Also at Department of Physics and Astronomy, University of Sheffield, Sheffield, United Kingdom.
- ^{af} Also at Department of Physics, Oxford University, Oxford, United Kingdom.
- ^{ag} Also at Institute of Physics, Academia Sinica, Taipei, Taiwan.
- ^{ah} Also at Department of Physics, The University of Michigan, Ann Arbor, MI, United States.
- ^{ai} Also at Laboratoire de Physique Nucléaire et de Hautes Energies, UPMC and Université Paris-Diderot and CNRS/IN2P3, Paris, France.
- * Deceased.