

Geant4 - Issues

#	Tracker	Status	Priority	Subject	Assignee	Updated
17571	Support	Assigned	Normal	Validate 10.3.ref07	Julia Yarba	08/23/2017 11:00 AM
13684	Support	Closed	Normal	validate Geant4.102.ref07, with the focus on Bertini & FTF	Julia Yarba	08/23/2017 10:51 AM
13435	Support	Closed	Normal	valiate geant4.10.3.b01	Julia Yarba	08/23/2017 10:52 AM
13210	Support	Assigned	Normal	G4 GNUMakefile support for builds needs fix for new Factory	Robert Hatcher	07/12/2016 09:53 AM
13139	Support	Closed	Normal	validate geant4.10.2.p02	Julia Yarba	08/23/2017 10:52 AM
12594	Support	Closed	Normal	Validate geant4-10-02-ref-04	Julia Yarba	07/15/2016 01:39 PM
12507	Support	Assigned	Normal	upload to the *upgraded* Val.Repository results from geant4.10.1.p03, 10.2, 10.2.p01, and 10..2.ref01	Julia Yarba	08/23/2017 10:56 AM
12275	Support	Closed	Normal	validate geant4-10-02-ref-03	Julia Yarba	07/15/2016 01:42 PM
11890	Support	Resolved	Normal	in geant4.9.6.p04, re-run test47 for Cu and Pb targets		03/03/2016 06:40 PM
11889	Support	Closed	Normal	repeat test47 validation with geant4.9.5.p01	Julia Yarba	04/04/2016 06:15 PM
11888	Support	Closed	Normal	validate geant4.10.2.p01	Julia Yarba	04/04/2016 06:16 PM
11887	Support	Closed	Normal	validate release geant4-10-01-patch03	Julia Yarba	04/04/2016 06:16 PM
11731	Support	Closed	Normal	Validate release geant4-10-02-ref-01	Julia Yarba	04/04/2016 06:19 PM
11154	Support	Closed	Normal	Include NuBeam, Shielding, ShieldingM, FTFP_BERT, QGSP_BERT physics list in the standard set of Geant4 tests	Julia Yarba	07/15/2016 01:44 PM
11153	Support	Resolved	Normal	document the change in the production yield of kaons between Geant4 versions 9.6.p04 and 10.1.p02	Hans-Joachim Wenzel	01/06/2016 04:57 PM
11151	Support	Closed	Normal	kaon test with 120 GeV protons striking thin Carbon target	Julia Yarba	08/23/2017 10:56 AM
11128	Support	Assigned	Normal	perform statistical tests of (chi2 scan vs beam momentum/energy) in geant4-10-02	Julia Yarba	12/11/2015 12:20 PM
11127	Support	Closed	Normal	validate release geant4-10-02	Julia Yarba	04/04/2016 06:19 PM
10668	Support	Closed	High	valuate release geant4-10-01-ref-10	Julia Yarba	12/22/2015 05:13 PM
10667	Support	Closed	Normal	validate release geant4-10-01-ref09	Julia Yarba	12/22/2015 05:13 PM
10192	Support	Closed	Normal	Diagnose/Follow up on Muon g-2 problems with muon decays with spin	Krzysztof Genser	07/12/2016 10:43 AM
10145	Support	Closed	Normal	valuate release geant4-10-01-ref-08	Julia Yarba	11/09/2015 10:06 AM
10144	Support	Closed	Normal	migrate G4 hadronic validation from cluck.fnal.gov to tev.fnal.gov	Julia Yarba	11/09/2015 10:07 AM
10076	Support	Closed	Normal	Validate that NuTools (NOvA & LArSoft) builds under Geant4.10.1.p02	Robert Hatcher	12/01/2017 12:09 PM
9622	Support	Resolved	High	transfer g4devel functionality to g4validation	Hans-Joachim Wenzel	05/03/2016 04:47 PM
9340	Support	Closed	Normal	validate release geant4-10-02-beta	Julia Yarba	07/20/2015 05:42 PM
9339	Support	Closed	Normal	validate release geant4-10-01-ref06	Julia Yarba	07/20/2015 05:42 PM
9338	Support	Closed	Normal	validate release geant4-10-01-patch02	Julia Yarba	07/20/2015 05:41 PM
9241	Support	Closed	Normal	Validate internal release geant4-10.1-ref05	Julia Yarba	06/24/2015 04:29 PM
8782	Support	Closed	Normal	validate release geant4.10.1-ref04	Julia Yarba	06/15/2015 08:57 PM
8781	Support	Closed	Normal	implement release highlight materials for Geant4.10.1.p01	Julia Yarba	06/24/2015 04:28 PM

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8308	Support	Closed	Normal	perform basic validation of geant4 10.1.p01 ups build	Krzysztof Genser	04/27/2015 11:21 AM
8307	Support	Closed	Normal	improve Mu2e PS Enclosure implementation	Krzysztof Genser	04/27/2015 11:18 AM
8306	Support	Closed	Normal	implement initial version of the Mu2e TS coil assemblies	Krzysztof Genser	04/27/2015 11:19 AM
8264	Support	Closed	Normal	validate Geant4.10.1.p01	Julia Yarba	04/20/2015 12:13 PM
8155	Support	Assigned	Normal	add p+H double diff spectra	Julia Yarba	12/11/2015 12:13 PM
8154	Support	Closed	Normal	add p+H dN/dxF and <pt> vs xF spectra	Julia Yarba	05/06/2015 11:12 AM
7783	Support	Closed	Normal	Follow up and advise on port of BooNE Beam MC to geant4.9.6-series (and beyond)	Julia Yarba	04/20/2015 12:19 PM
7782	Support	Closed	Normal	validate geant4.9.6.p04	Julia Yarba	03/10/2015 05:48 PM
7781	Support	Closed	Normal	validate releases 10.0.p01, 10.0.ref08, ref09, 10.1-cand00, 10.1	Julia Yarba	03/10/2015 05:42 PM
7415	Support	Closed	Normal	follow up on pbar validation	Julia Yarba	04/20/2015 12:18 PM
7002	Support	Closed	Normal	Evaluate and document data sets used and to be used in the Geant4 validation procedure	Julia Yarba	05/06/2015 11:20 AM
7001	Support	Closed	Normal	Upload geant4.10.0.ref07 validation results into the validation repository	Julia Yarba	03/10/2015 05:30 PM
7000	Support	Closed	Normal	Document/automate Geant4 validation procedure	Julia Yarba	04/20/2015 12:17 PM
6999	Support	Closed	Normal	Describe/Document NuBeam Physics List	Julia Yarba	04/20/2015 12:17 PM
6998	Support	Closed	Normal	Validate geant4.10.0.ref07 release	Julia Yarba	03/10/2015 05:38 PM
6977	Support	Assigned	Normal	Investigate mechanisms replacing the primary interaction	Robert Hatcher	01/22/2016 02:06 PM
6548	Support	Closed	Normal	upload geant4 v10 hadronic validation data	Julia Yarba	08/07/2014 10:41 AM
6499	Support	Closed	Normal	Add more experimental data to the repository	Hans-Joachim Wenzel	03/11/2015 10:22 AM
6498	Support	Closed	Normal	Transfer data from geant 4 ASCII tables to the validation database	Hans-Joachim Wenzel	03/11/2015 10:19 AM
6481	Support	Closed	Normal	Expand Geant4 documentation on creating/modifying physics lists	Julia Yarba	05/06/2015 11:31 AM
6479	Support	Assigned	Normal	Add one or several hadronic tests to ctest-machinery	Julia Yarba	12/07/2015 04:30 PM
6477	Support	Closed	Normal	Continue validation of the NuBeam physics list	Julia Yarba	12/22/2015 05:14 PM
6475	Support	Closed	Normal	incorporate in test23 a subset of HARP data	Julia Yarba	11/09/2015 10:08 AM
6474	Support	Assigned	Normal	research and include other high energy thin target data (incl. more from NA49)	Julia Yarba	09/29/2016 12:15 PM
6473	Support	Assigned	Normal	addition of NA49 p+H datasets	Julia Yarba	12/11/2015 12:13 PM
6472	Support	Closed	Normal	addition of NA49 double diff. xsec	Julia Yarba	05/06/2015 11:36 AM
6471	Support	Assigned	Normal	Development and maintenance of Geant4 hadronic validation framework	Julia Yarba	09/29/2016 12:15 PM
6470	Support	Closed	Normal	Present validation results to the Geant4 Hadronic group	Julia Yarba	03/10/2015 05:26 PM
6469	Support	Closed	Normal	upload results of earlier validation rounds	Julia Yarba	03/10/2015 05:39 PM
6468	Support	Closed	Normal	validation of geant4-10-00-ref-05	Julia Yarba	03/10/2015 05:39 PM
6467	Support	Closed	Normal	validate Geant4 releases	Julia Yarba	06/24/2015 04:29 PM
6457	Support	Closed	Normal	HAD_RDM_010 exception	Krzysztof Genser	03/10/2015 05:24 PM
6327	Support	New	Normal	provide information regarding transition to v10		05/22/2014 12:11 PM

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6326	Support	New	Normal	write guidelines regarding overlap checking		05/22/2014 12:07 PM
6325	Support	Closed	Normal	do graphics usage survey	Krzysztof Genser	06/23/2015 06:26 PM
6321	Support	Assigned	Normal	verify tau decays	Robert Hatcher	05/22/2014 02:29 PM
6265	Support	New	Normal	G4 decays of charm particles is inadequate		05/13/2014 05:34 PM
6263	Support	Closed	Normal	Check 3-body kaon decay branching fractions in current Geant4	Robert Hatcher	12/03/2014 03:48 PM