

|                                                | 2027-3       |    |    |    |    | 2027-4 |    |    |    |    | 2027-5 |    |    |    |    | 2027-6 |    |    |    |    | 2027-7 |    |    |    |    | 2027-8 |  |  |  |  |  |  |  |  |
|------------------------------------------------|--------------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|--|--|--|--|--|--|--|--|
|                                                | 9            | 10 | 11 | 12 | 13 | 14     | 15 | 16 | 17 | 18 | 19     | 20 | 21 | 22 | 23 | 24     | 25 | 26 | 27 | 28 | 29     | 30 | 31 | 32 | 33 | 34     |  |  |  |  |  |  |  |  |
| EXP 6He-d                                      |              |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |  |  |  |  |  |  |  |  |
| Csl detector                                   |              |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |  |  |  |  |  |  |  |  |
| Crosstalks                                     |              |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |  |  |  |  |  |  |  |  |
| Crosstalk amplitude                            |              |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |  |  |  |  |  |  |  |  |
| Obtaining correct signal                       |              |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |  |  |  |  |  |  |  |  |
| Time signals                                   |              |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |  |  |  |  |  |  |  |  |
| Energy calibration                             |              |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |  |  |  |  |  |  |  |  |
| Dead layer                                     |              |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |  |  |  |  |  |  |  |  |
| EXP1803                                        | EXP1803      |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |  |  |  |  |  |  |  |  |
| Статус оборудования                            | Открыта 0%   |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |  |  |  |  |  |  |  |  |
| Симуляция эксперимента - первое приближение    | Открыта 92%  |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |  |  |  |  |  |  |  |  |
| Устранение ошибок                              | Открыта 100% |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |  |  |  |  |  |  |  |  |
| Спектр недостающей массы                       | Открыта 0%   |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |  |  |  |  |  |  |  |  |
| Подготовка оборудования                        | Открыта 17%  |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |  |  |  |  |  |  |  |  |
| Подготовка мишени                              |              |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |  |  |  |  |  |  |  |  |
| Магнит нулевого градуса                        |              |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |  |  |  |  |  |  |  |  |
| Термозащита                                    |              |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |  |  |  |  |  |  |  |  |
| Телескоп для 3He                               | Открыта 17%  |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |  |  |  |  |  |  |  |  |
| Провода                                        |              |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |  |  |  |  |  |  |  |  |
| Определение позиции телескопа                  | Открыта 0%   |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |  |  |  |  |  |  |  |  |
| Адаптер для тонкого детектора                  |              |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |  |  |  |  |  |  |  |  |
| Проверка вето детектора                        | Открыта 50%  |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |  |  |  |  |  |  |  |  |
| Проверка алгоритмов идентификации частиц (...) | Открыта 20%  |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |  |  |  |  |  |  |  |  |
| Express analysis of experimental data          | Открыта 53%  |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |  |  |  |  |  |  |  |  |
| Калибрация тонково кремневого детектора        | Открыта 30%  |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |  |  |  |  |  |  |  |  |
| Number of 3He coincidences with 3H             |              |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |  |  |  |  |  |  |  |  |
| Калибрация 1 мм кремневого детектора           |              |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |  |  |  |  |  |  |  |  |
| MWPC bug                                       |              |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |  |  |  |  |  |  |  |  |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <p>Калибровка правого CsI</p> <p>Calibration of time signals</p> <p>Particle identification plot for left (...)</p> <p>layout of the setup config file and corresponding (...)</p> <p>Post-production measurements</p> <p>Measurement of thickness of thin silicon (...)</p> <p>Determination of positions of silicone (...)</p> <p>Event selection for run14</p> <p>EXP1904: Reference reaction</p> <p>Reference reaction: Data analysis</p> <p>Beam of 10Be</p> <p>Particle identification from ToF</p> <p>Beam energy</p> <p>Profile of the 10Be beam</p> <p>Estimation of beam intensity from (...)</p> <p>Beam integral</p> <p>Estimation of the 10Be beam trigger (...)</p> <p>Target position estimation</p> <p>Missing mass of 9Li from 3He registered (...)</p> <p>Fixation of parameters related to experimental (...)</p> <p>Emission angle of 3He</p> <p>Variation of the parameters</p> <p>Target thickness</p> <p>Z-position of the side telescopes</p> <p>Offsets of the 3He telescope</p> <p>BeamDet thickness</p> <p>thin detector thickness variation</p> <p>Effect of rime growing on target surface</p> <p>Reference reaction: Simulations</p> <p>Decayer for the 10Be beam</p> <p>EXP2003</p> <p>Pre-beam calibrations - side telescope</p> <p>General documentation of the experiment</p> <p>Scan of the logbook</p> |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|



|                                                       |                        |
|-------------------------------------------------------|------------------------|
| Поддержка FairSoft, FairRoot may18                    |                        |
| Full life cycle demonstrator by the example (...)     |                        |
| time signals in sumation data                         |                        |
| Переработка классов генераторов ионов                 |                        |
| Публичные калибровки. Макросы                         | Открыта 0%             |
| DigibuilderReadCalCoeffs                              |                        |
| Strips numbering direction of SSD                     |                        |
| Applying Csl mapping in simulation                    |                        |
| creating necessary medias for simulations             |                        |
| usercuts for individual sensors                       |                        |
| Calibration run reconstruction example                |                        |
| Update QTelescope start coordinate in track (...)     |                        |
| Si detector calibration                               |                        |
| EXPERT ROOT - v-0.4                                   | EXPERT ROOT -v-0.4 61% |
| Векторизовать ERNeuRadDigitizator.                    | Открыта 0%             |
| Добавить класс ERmuSiSetup                            | Открыта 0%             |
| Добавить использование FairDB                         | Открыта 0%             |
| Доработки NeuRad                                      | Открыта 0%             |
| Состав sim.root. И работа с ним из макроса            | Открыта 0%             |
| QTelescope симуляция                                  | Открыта 0%             |
| RTelescope симуляция                                  | Открыта 0%             |
| BeamDet документация                                  | Открыта 0%             |
| RTelescope диджитизация. Добавить обработку (...)     | Открыта 0%             |
| RTelescope geometry v3 for Be6                        | Открыта 0%             |
| geometry for Wuppertal tests                          | Открыта 0%             |
| EXPERT ROOT - v-1.0                                   | EXPERT ROOT -v-1.0 42% |
| Генератор 6Be                                         | Открыта 100%           |
| Анализ сырых данных He10 с помощью новых (...)        | Открыта 0%             |
| Fix warnings                                          | Открыта 0%             |
| Fix classes related to event header                   | Открыта 0%             |
| Update templates: new detector template               | Открыта 0%             |
| Update templates: sim, reco, digi, eventDisplay (...) | Открыта 0%             |
| He собирается с root 5                                | Открыта 0%             |
| Работа с классом ERDecayMCEventHeader                 | Открыта 0%             |

|                                                        |                          |
|--------------------------------------------------------|--------------------------|
| Позиционирование MWPC reconstruction                   | Открыта 0%               |
| ERDigibuilder improvements                             | Открыта 0%               |
| Branch names                                           | Открыта 0%               |
| Написание спецификации на подсистему (...)             | Открыта 0%               |
| Triggers in simulation                                 | Открыта 0%               |
| ER Setups system specification                         | Открыта 0%               |
| 7H missing mass analysis                               | Открыта 0%               |
| deploy to cvmfs in JINR HPC                            | Открыта 0%               |
| Digibuilder: recalibration, channels (...)             | Открыта 0%               |
| ND reconstruction                                      | Открыта 0%               |
| Passive parts of telescope and 2 signals (...)         | Открыта 0%               |
| EXPERT ROOT - DevPlan                                  | EXPERT ROOT -DevPlan 41% |
| Добавить в класс ERNeuRadPMTSignal хранение (...)      | Открыта 0%               |
| Реализовать распределенный расчет диджитализации (...) | Открыта 0%               |
| Добавить процедуру генерации хитов в (...)             | Открыта 0%               |
| симуляции и анализ для прототипа Нойрада               | Открыта 0%               |
| Поддержка неравномерности светосбора (...)             | Открыта 0%               |
| Исследование работы с Root файлами                     | Открыта 0%               |
| ERElasticScattering improvements                       | Открыта 50%              |
| EXP_10He                                               |                          |
| Simulations                                            |                          |
| Testing simulation based on 7H experiment              |                          |
| Data analysis                                          |                          |
| EXP_6Be                                                |                          |
| Simulations                                            |                          |
| ER simulation macro                                    |                          |
| Testing simulation based on 7H experiment              |                          |
| General issues related to experiment                   |                          |
| Scan of the logbook                                    |                          |
| Methodical Tests                                       |                          |
| Root Phase Space generator test for binary (...)       |                          |