Measurements of Radiation Induced Deformation in Graphite Composite Material REC Irradiated by Carbon Ions with the Energy 5 MeV at Irradiation Dose: $3 \times 10^{17}$ p/cm$^2$
Measurements of Radiation Induced Deformation in Graphite Composite Material REC Irradiated by Carbon Ions with the Energy 5 MeV at Irradiation Dose: 1x10 E18 p/см2

CERN, 19 February, 2007
Measurements of Radiation Induced Deformation in Graphite Composite Material AC Irradiated by Carbon Ions with the Energy 5 MeV at Irradiation Dose: 1x10^17 p/cm^2

CERN, 19 February, 2007
Measurements of Radiation Induced Deformation in Graphite Composite Material AC Irradiated by Carbon Ions with the Energy 5 MeV at Irradiation Dose: $3 \times 10^{17}$ p/cm$^2$

CERN, 19 February, 2007
Measurements of Radiation Induced Deformation in Graphite Composite Material AC Irradiated by Carbon Ions with the Energy 5 MeV at Irradiation Dose: 1x10 E18 p/cm²

CERN, 19 February, 2007
Measurements of Radiation Induced Deformation in Graphite Composite Material R4SSO Irradiated by Carbon Ions with the Energy 5 MeV at Irradiation Dose: $1 \times 10^{17}$ p/cm$^2$

CERN, 19 February, 2007
Measurements of Radiation Induced Deformation in Pyro-Graphite Material Irradiated by Carbon Ions with the Energy 5 MeV at Irradiation Dose: $1 \times 10^{17}$ p/cm$^2$

CERN, 19 February, 2007
Analysis of Radiation Induced Erosion in Graphite Composite Material REC Irradiated by Carbon Ions with the Energy 5 MeV at Irradiation Dose: $1 \times 10^{17} \text{ p/см}^2$

CERN, 19 February, 2007
Analysis of Radiation Induced Erosion in Graphite Composite Material REC Irradiated by Carbon Ions with the Energy 5 MeV at Irradiation Dose: $1 \times 10^{17}$ p/cm²

CERN, 19 February, 2007
Analysis of Radiation Induced Erosion in Graphite Composite Material AC Irradiated by Carbon Ions with the Energy 5 MeV at Irradiation Dose: $1 \times 10^{17}$ p/cm$^2$

CERN, 19 February, 2007
Analysis of Radiation Induced Erosion in Graphite Composite Material AC Irradiated by Carbon Ions with the Energy 5 MeV at Irradiation Dose: $1 \times 10^{17}$ p/cm$^2$

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Analysis of Radiation Induced Erosion in Graphite Composite Material R4SSO Irradiated by Carbon Ions with the Energy 5 MeV at Irradiation Dose: 1x10 E17 p/см²

CERN, 19 February, 2007
Analysis of Radiation Induced Erosion in Graphite Composite Material R4SSO Irradiated by Carbon Ions with the Energy 5 MeV at Irradiation Dose: 1x10 E17 p/см 2

CERN, 19 February, 2007
Penetration Depth in Graphite under 35 MeV Proton Irradiation

CERN, 19 February, 2007
Collision Events in Graphite under 35 MeV Proton Irradiation

CERN, 19 February, 2007
Future work for investigations of proton irradiation on Graphite Collimator Materials for LHC

- Investigations of radiation-induced deformation under proton irradiation at different doses of DPA and temperatures in irradiated graphite materials for LHC.
- Investigation of radiation induced erosion and microstructure change in proton irradiated graphite materials for LHC at different temperatures.
- Analysis of thermal expansion in proton irradiated C-C graphite materials for LHC in dependence on temperature and irradiation doses in DPA.
- Studies of proton irradiation effects in DPA on thermal conductivity, electrical resistivity and mechanical properties.