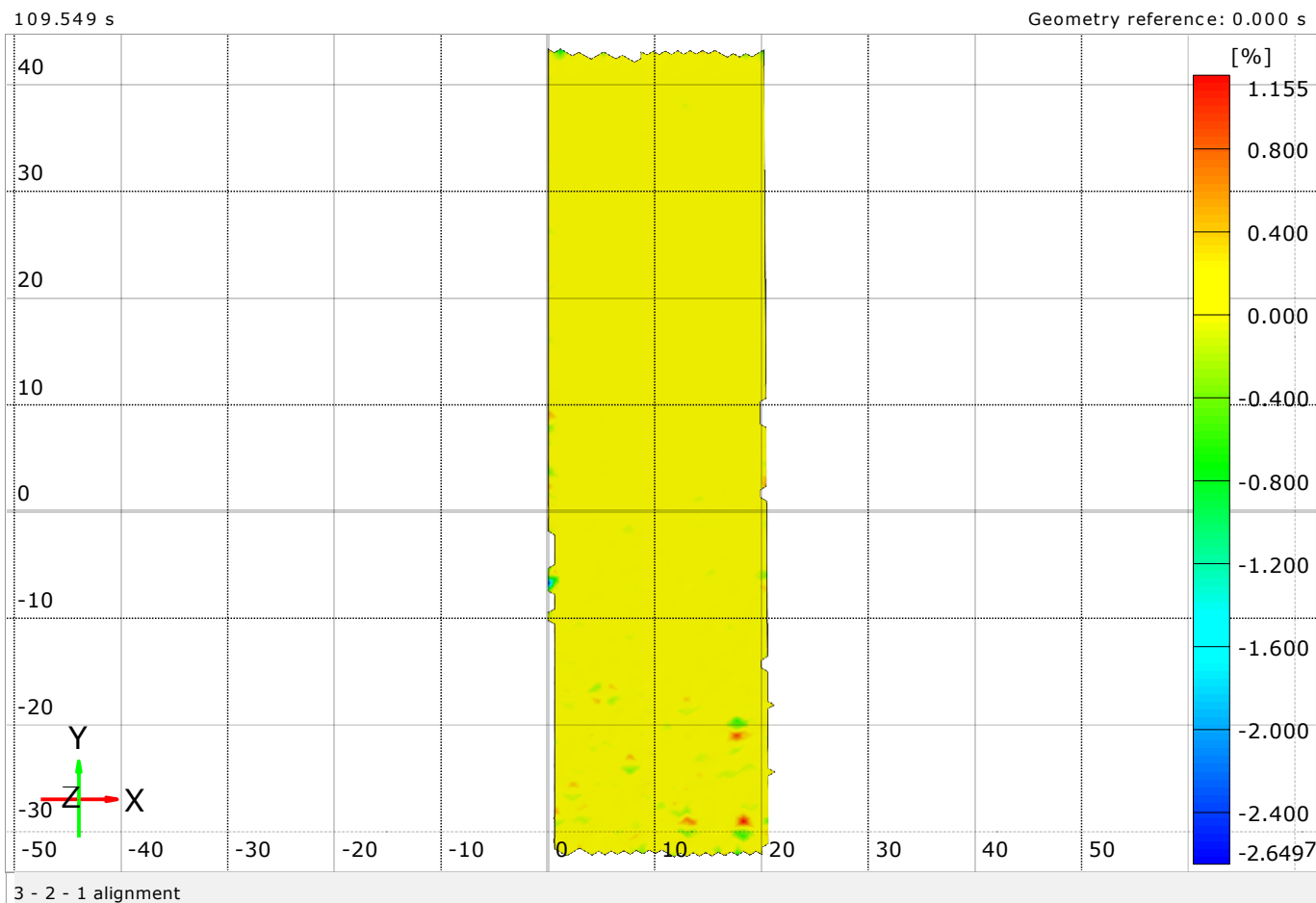
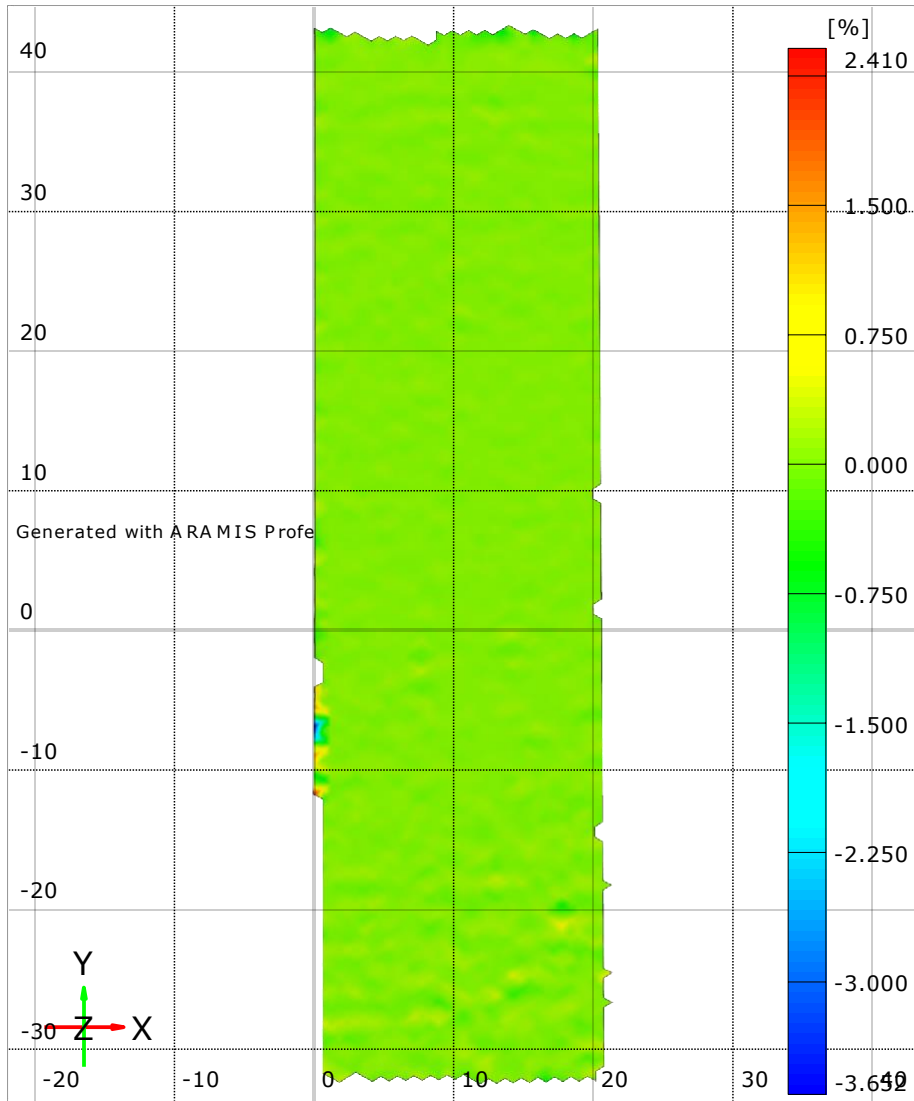


Titel: Příloha – výsledný protokol

**Inspector:****Date:** 16.7.2020**Location:** Praha**Company:** ČVUT**Department:** Ústav strojírenské technologie**System:** ARAMIS 4M**Project:** Petr Dvořák diplomová práce**Version:****Part preparation:****Illumination:****Material:** DX57D+Z100-M-C-O**Test conditions:** 24°C**Test speed:** 10 mm/min

Quality



Measurement

Camera acquisition mode roi (2352 x 856)

Sensor

Sensor type ARAMIS 4M (FG)

Measuring volume length 100.000 mm

Measuring volume width 75.000 mm

Measuring volume depth 50.000 mm

Calibration

Calibration object name GOM-CP20-MV55x44

Calibration date Thu Jul 16 13:59:58 2020

Snap mode Single snap

Calibration deviation 0.026361

Calibration 0.003 mm

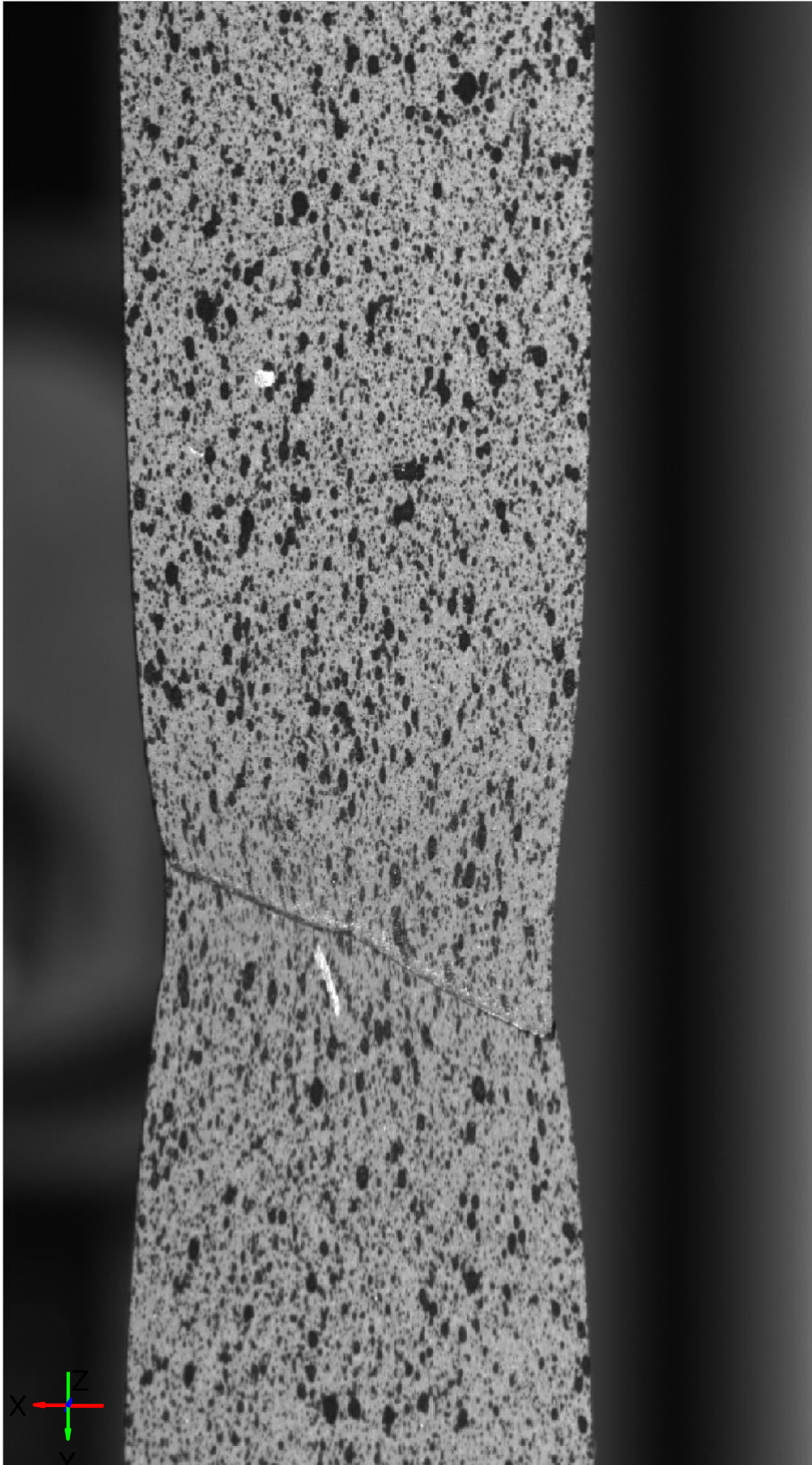
Camera angle 24.808 °

Measurement temperature 24.4 °C

Materialdata

432.053 s

Geometry reference: 0.000 s

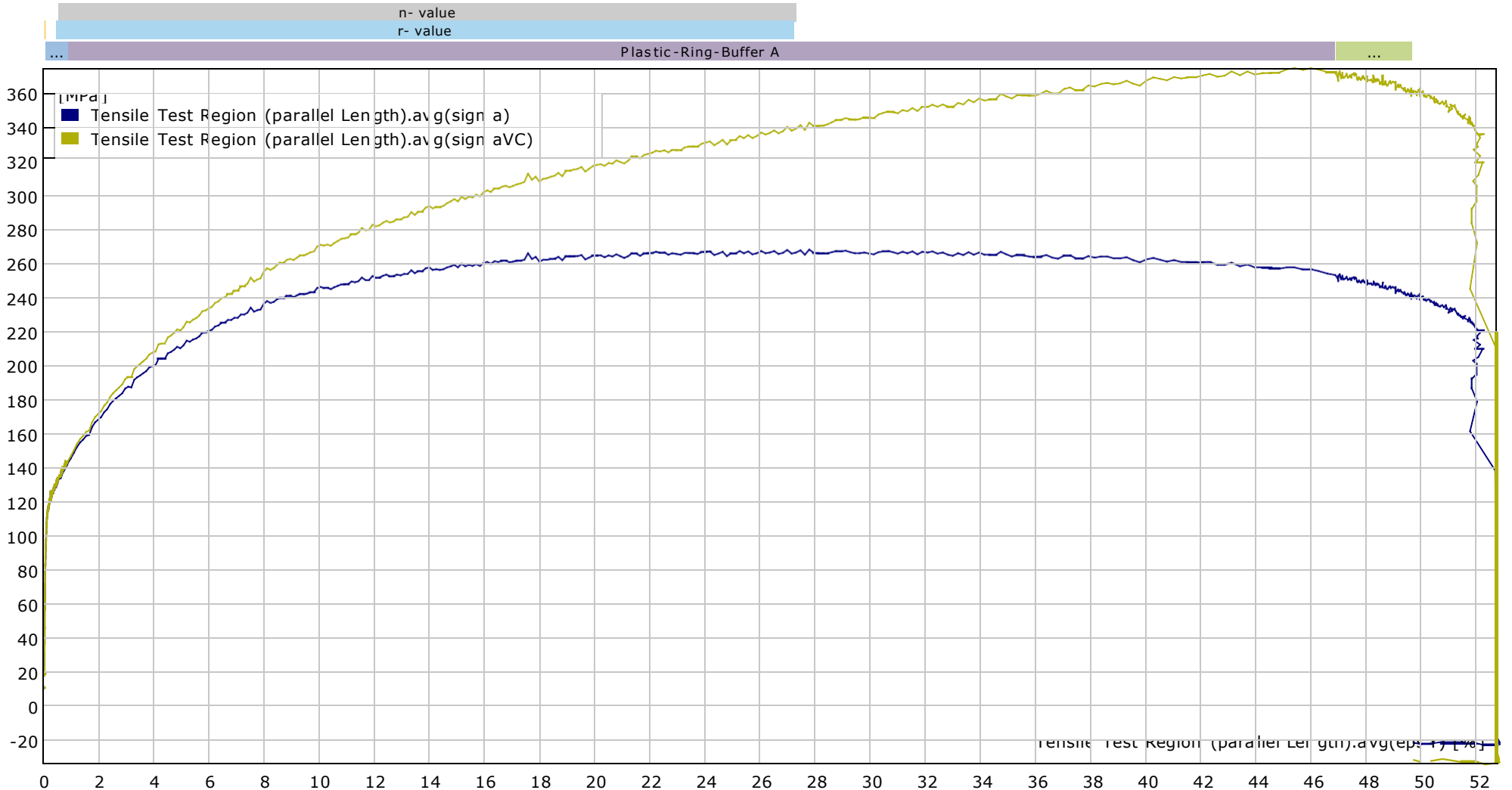


Name	Value
Ag	27.518 %
Agt	27.722 %
At	52.573 %
mE	131964.694 MPa
n-value	0.248
Poisson-value	0.417
r-value	1.759
Rm	268.385 MPa
Rp02	124.534 MPa

3 - 2 - 1 alignment

Stress - Strain Curve

Geometry reference: 0.000 s

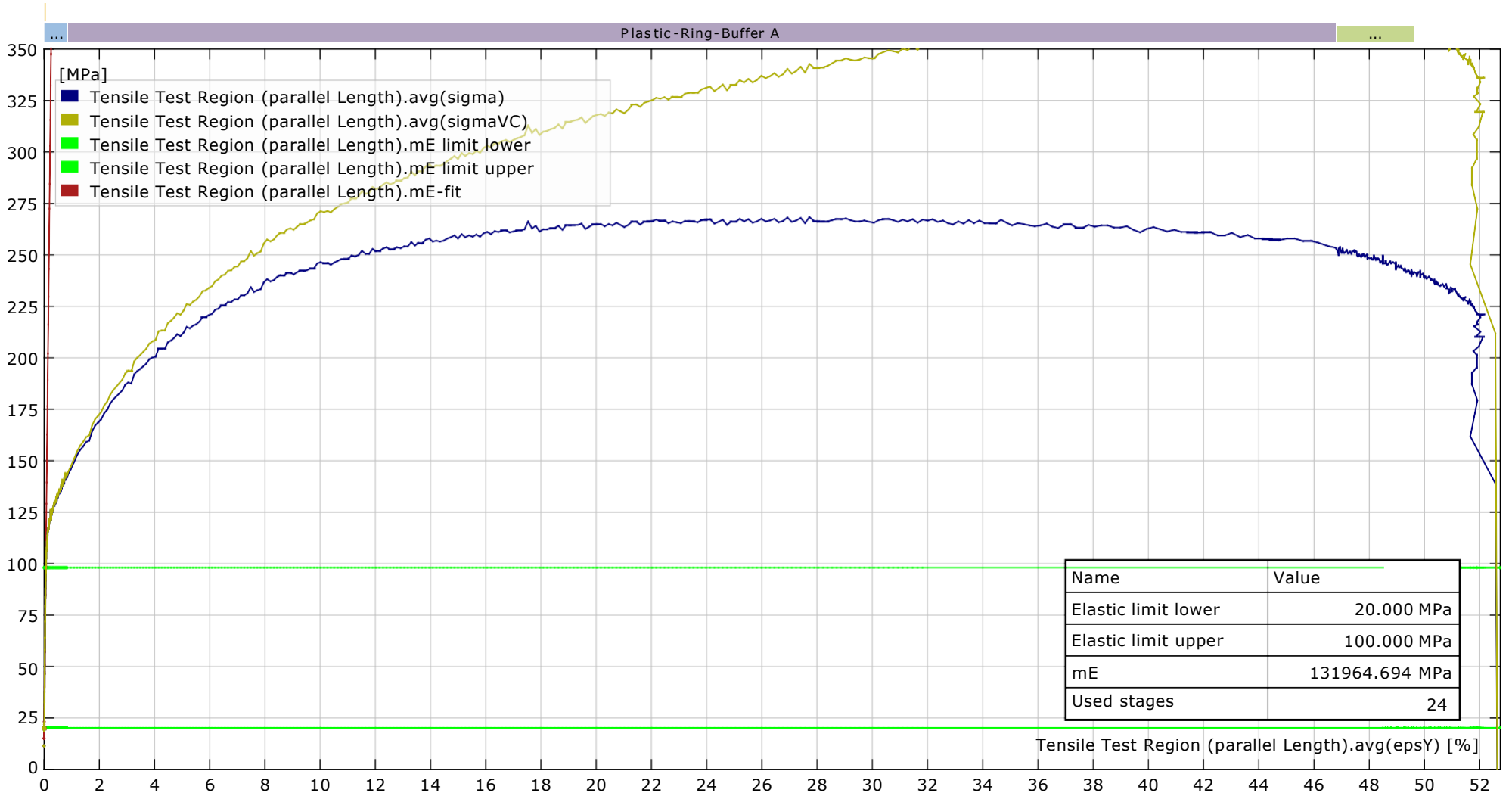


3-2-1 alignment

16.07.2020

Stress - Strain Curve + mE-fit

Geometry reference: 0.000 s

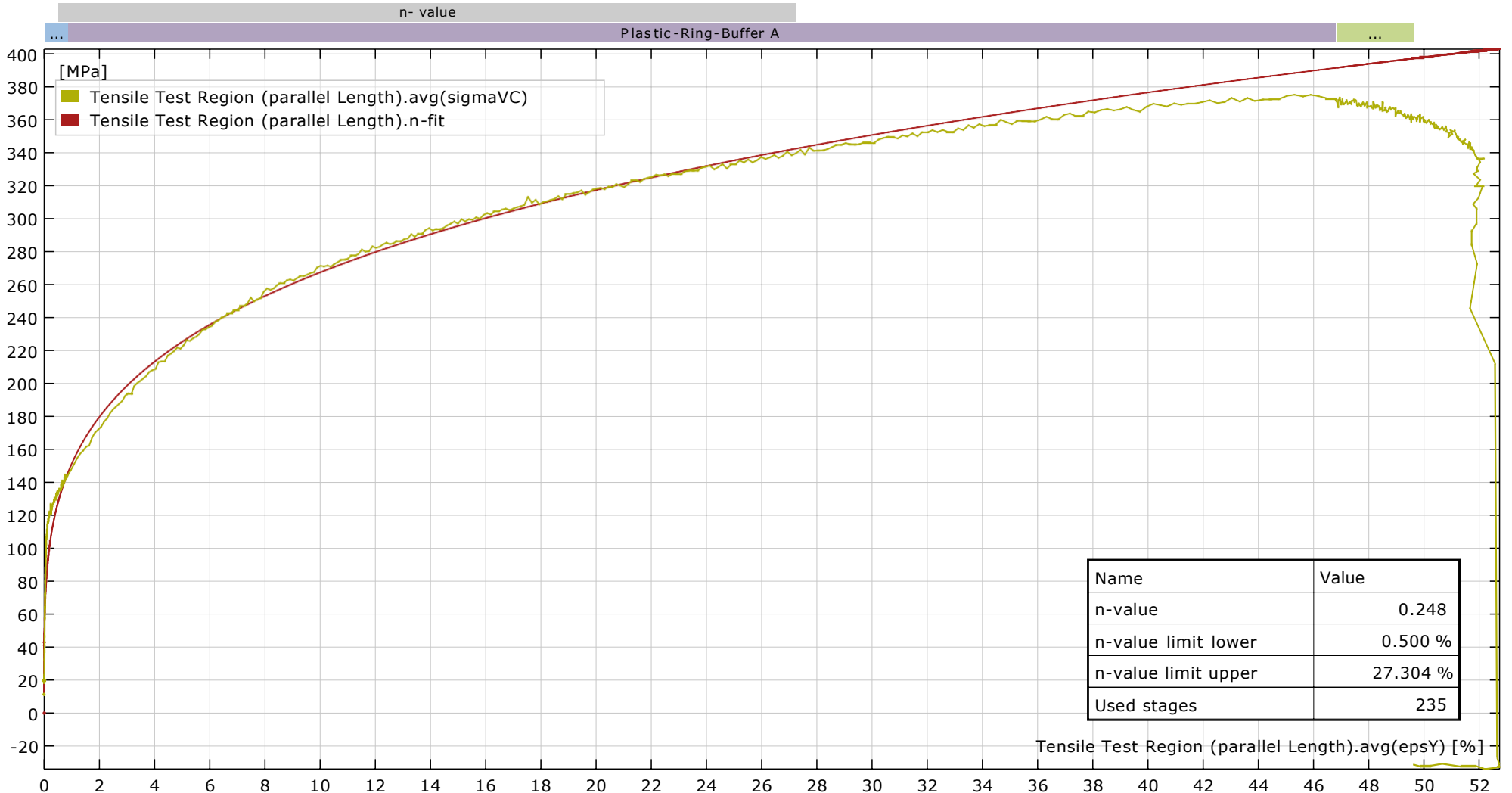


3-2-1 alignment

16.07.2020

Stress - Strain Curve + n-value-fit

Geometry reference: 0.000 s

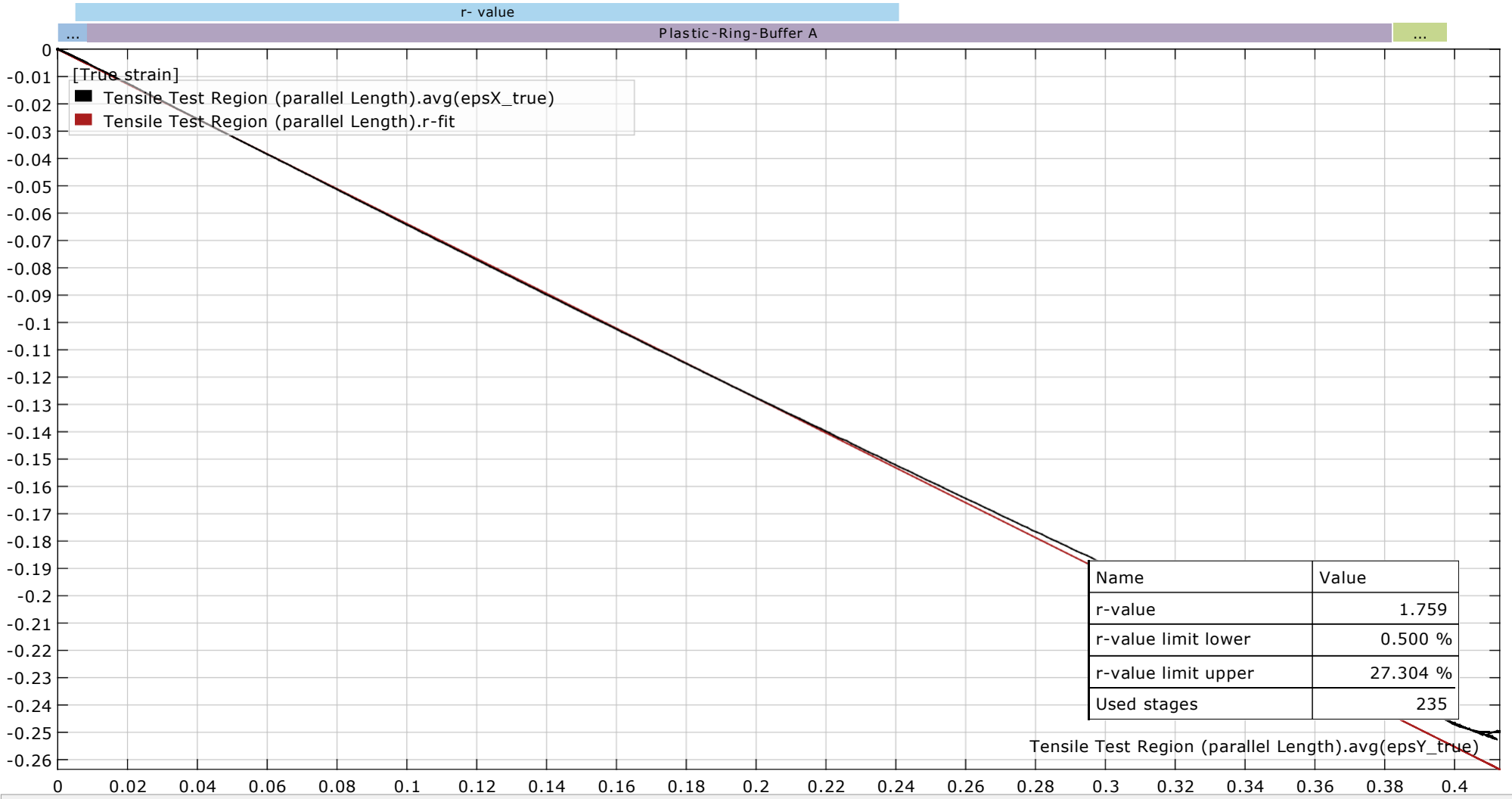


3-2-1 alignment

16.07.2020

True Transversalstrain - True Longitunalstrain + r-value-fit

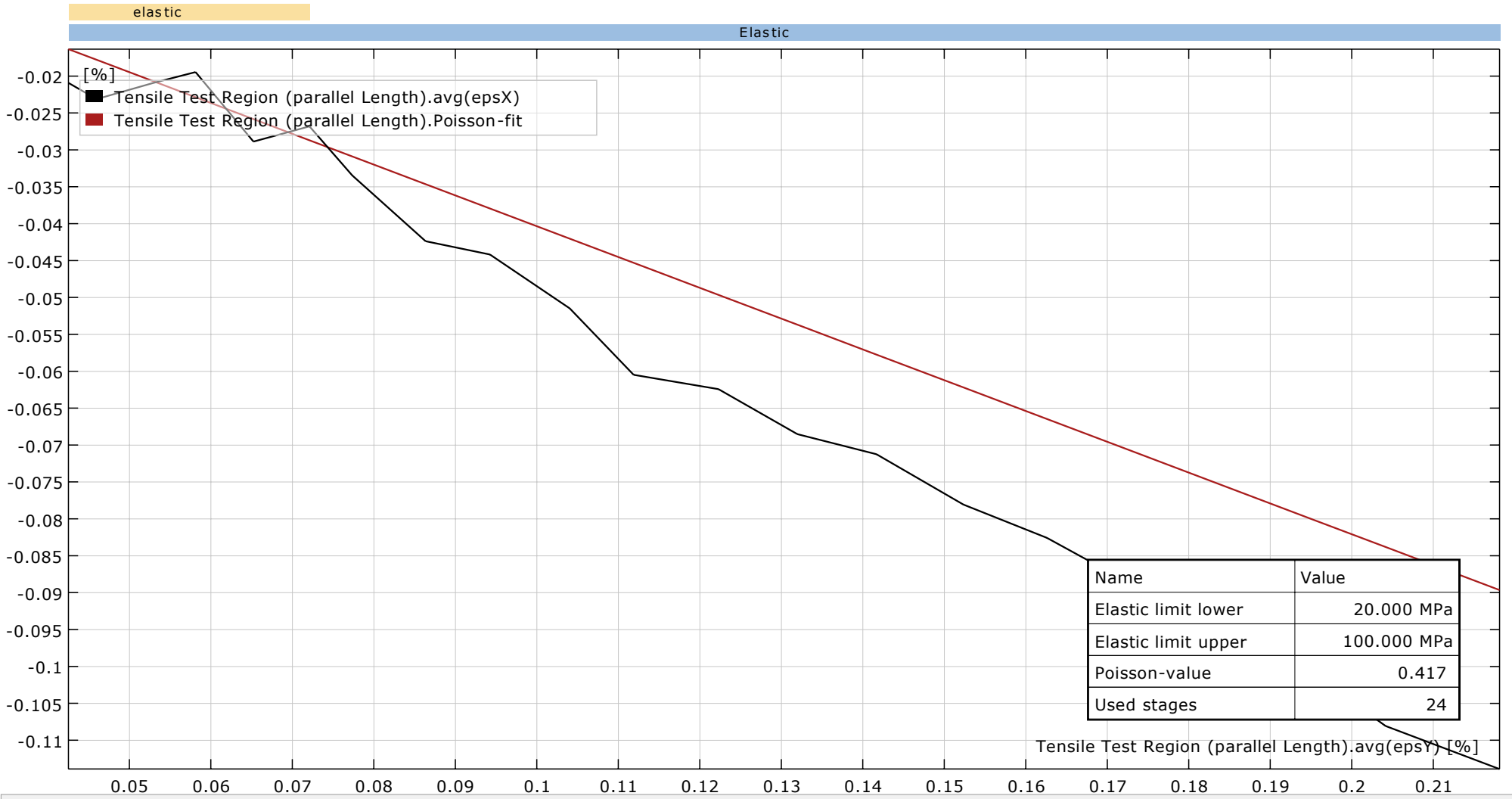
Geometry reference: 0.000 s



3-2-1 alignment

Transversalstrain - Longitunalstrain + Poisson-fit

Geometry reference: 0.000s



3-2-1 alignment

16.07.2020