S1 splitter line with present quad settings

THE S1 line operational quad settings

| MS1QUA01 | 0.519526 |
| MS1QUA02 | -1.77904 |
| MS1QUA03 | 1.26356 |
| MS1QUA04 | -3.94512 |
| MS1QUA05 | -2.88508 |
| MS1QUA06 | 1.03945 |
| MS1QUA07 | -1.96665 |
| MS1QUA08 | 0.442363 |

S1 line model settings

| MS1QUA01 | 0.55 |
| MS1QUA02 | -1.72857 |
| MS1QUA03 | 1.3028 |
| MS1QUA04 | -3.945121 |
| MS1QUA05 | -2.816752 |
| MS1QUA06 | 0.9855823 |
| MS1QUA07 | -1.9157553 |
| MS1QUA08 | 0.4316211 |
S1 splitter line with tweaking two last quadrupoles settings

THE S1 line operational quad settings

| MS1QUA01   | 0.519526 |
| MS1QUA02   | -1.77904 |
| MS1QUA03   | 1.26356  |
| MS1QUA04   | -3.94512 |
| MS1QUA05   | -2.88508 |
| MS1QUA06   | 1.03945  |
| MS1QUA07   | -1.88    |
| MS1QUA08   | 0.442363 |

S2 line model settings

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| MS2QUA05   | -2.816752 |
| MS2QUA06   | 0.9855823 |
| MS2QUA07   | -1.9157553 |
| MS2QUA08   | 0.4316211 |
S1 splitter line with tweaking two last quadrupoles settings

THE S1 line operational quad settings

\[
\begin{align*}
\text{MS1QUA01} & \quad 0.519526 \\
\text{MS1QUA02} & \quad -1.77904 \\
\text{MS1QUA03} & \quad 1.26356 \\
\text{MS1QUA04} & \quad -3.94512 \\
\text{MS1QUA05} & \quad -2.88508 \\
\text{MS1QUA06} & \quad 1.03945 \\
\text{MS1QUA07} & \quad -1.9 \\
\text{MS1QUA08} & \quad 0.442363
\end{align*}
\]

S2 line model settings

\[
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\text{MS2QUA06} & \quad 0.9855823 \\
\text{MS2QUA07} & \quad -1.9157553 \\
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R1 splitter line with present quad settings

THE R1 line operational quad settings

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R1 line model settings

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THE R1 line operational quad settings

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R1 splitter line with present quad settings

THE R1 line operational quad settings

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R1 splitter line with present quad settings

THE R1 line operational quad settings
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- MR1QUA02: 0.545213
- MR1QUA03: 0.745081
- MR1QUA04: -2.49471
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R1 line model settings
- MR1QUA01: -1.15651
- MR1QUA02: 0.3925360
- MR1QUA03: 0.2085024
- MR1QUA04: -2.584760
- MR1QUA05: -2.636833
- MR1QUA06: 0.839010
- MR1QUA07: -2.30568352
- MR1QUA08: 0.7282821
R1 splitter line with present quad settings

THE R1 line operational quad settings
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MR1QUA02  0.545213
MR1QUA03  0.2 !!!
MR1QUA04 -2.49471
MR1QUA05 -2.70895
MR1QUA06  0.799268
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R1 line model settings
MR1QUA01 -1.15651
MR1QUA02  0.3925360
MR1QUA03  0.2085024
MR1QUA04 -2.584760
MR1QUA05 -2.636833
MR1QUA06  0.839010
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MR1QUA08  0.7282821
R1 splitter line with present quad settings

THE R1 line operational quad settings

- MR1QUA01: -0.889838
- MR1QUA02: 0.545213
- **MR1QUA03**: 0.2 !!!
- MR1QUA04: -2.49471
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R1 line **model** settings

- MR1QUA01: -1.15651
- MR1QUA02: 0.3925360
- MR1QUA03: 0.2085024
- MR1QUA04: -2.584760
- MR1QUA05: -2.636833
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THE S2 line operational quad settings

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R2 line **model** settings
MR2QUA01 2.7873  
MR2QUA02 -1.24533  
MR2QUA03 1.245329  
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MR2QUA05 3.855612  
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MR2QUA08 3.856054
S3 splitter line with present quad settings

THE S3 line operational quad settings
MS3QUA01  -0.483871
MS3QUA02   0.0
MS3QUA03   0.0
MS3QUA04   1.18558
MS3QUA05   -1.83468
MS3QUA06   -1.12903
MS3QUA07   2.78226
MS3QUA08   -1.26784

S3 line **model** settings
MS3QUA01  -1.032832
MS3QUA02   4.5925384
MS3QUA03   -5.5218684
MS3QUA04   5.5173848
MS3QUA05   -3.65230563
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S3 splitter line with present quad settings

THE S3 line operational quad settings

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S3 line model settings

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- MR3QUA07: 0.0
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**R3 line model settings**
- MR3QUA01: -0.49513154
- MR3QUA02: 3.025691965
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R4 splitter line with present quad settings

THE R4 line operational quad settings

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