



TRIPOLET TRAIN TUNES AT 275 GeV

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The following triplet train tunes were generated using the TRANSPORT program. Each tune uses a different subset of the 10 quadrupole magnets on the train, and all tunes use the $\emptyset T1$ target. The magnification for each tune is given at the entrance to Enclosure 100. Field gradients are in Kg/in.

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|---------------------|-------------|-------------|-------------|-------------|-------------|
| $\emptyset Q T 1-1$ | 4.5041 | 4.9 | 4.95 | 4.9 | |
| $\emptyset Q T 1-2$ | 4.5041 | 4.9 | 4.95 | 4.9 | |
| $\emptyset Q T 2-1$ | | | | | 4.9827 |
| $\emptyset Q T 2-2$ | | | | | 4.9827 |
| $\emptyset Q T 3$ | | | -4.8164 | -5.9217 | |
| $\emptyset Q T 4$ | | -4.4344 | -4.8164 | -5.9217 | |
| $\emptyset Q T 5$ | -4.0334 | -4.4344 | | | -4.6096 |
| $\emptyset Q T 6$ | -4.0334 | | | | -4.6096 |
| $\emptyset Q T 7$ | | | | 6.3016 | |
| $\emptyset Q T 8$ | 4.2787 | 3.9489 | 3.6660 | | 3.7727 |
| Acceptance (mr) | 1.5 x 1.4 | 1.5 x 1.6 | 1.3 x 2.0 | 1.9 x 2.3 | 1.6 x 1.5 |
| Magnification | 14.2 x 13.1 | 14.3 x 15.1 | 12.7 x 18.5 | 18.4 x 17.2 | 15.0 x 13.2 |
| D.C.Power (kw) | 146.1 | 160.3 | 172.6 | 291.7 | 254.6 |