# Luminosity for MB runs (2002-2003).
# Below-1(Carbon), repro5.

## Below 1 (Carbon)

| Run number | IR (MHz) | Nevent_MB | Nevent_IA | Lumi_MB ($mb^{-1}$) | Lumi_IA ($mb^{-1}$) | Δ_Lumi_IA ($mb^{-1}$) |
|---|---|---|---|---|---|---|
| 19170 | 0.965 | 108735 | 6897987 | 74.1 | 32095.8 | 1373.4 |
| 20195 | 0.952 | 8619 | 733308 | 5.8 | 3407.5 | 143.4 |
| 20199 | 0.981 | 20669 | 2035593 | 14.3 | 9486.8 | 392.1 |
| 20388 | 0.918 | 16542 | 1594058 | 10.7 | 7381.7 | 322.8 |
| 20653 | 1.359 | 88088 | 1646619 | 84.6 | 7971.2 | 325.4 |
| 20662 | 0.924 | 16056 | 35128 | 10.5 | 162.8 | 6.9 |
| 20663 | 0.548 | 176441 | 3827514 | 68.3 | 17065.4 | 717.1 |
| 20668 | 0.563 | 117751 | 2171110 | 46.8 | 9695.1 | 400.4 |
| 20669 | 0.568 | 18567 | 400383 | 7.5 | 1788.8 | 72.9 |
| 20670* | 0.683 | 89587 | 2494038 | 43.2 | 11275.5 | 458.0 |
| 20676* | 0.814 | 26303 | 648982 | 15.1 | 2973.6 | 121.2 |
| 20677 | 0.895 | 160178 | 4408361 | 101.3 | 20366.5 | 875.2 |
| 20678 | 0.885 | 180884 | 4940461 | 113.1 | 22801.6 | 921.0 |
| 20699* | 2.511 | 7627 | 853545 | 13.5 | 4621.9 | 214.7 |
| 20700 | 0.795 | 2012644 | 0 | 1130.5 | 0.0 | 46.0 |
| 20705 | 0.787 | 47376 | 1256528 | 26.3 | 5741.6 | 233.1 |
| 20706 | 0.785 | 2076 | 36065 | 1.2 | 164.8 | 6.7 |
| 20711* | 0.906 | 0 | 3466443 | 0.0 | 16032.8 | 713.9 |
| 20723 | 0.945 | 122540 | 2725423 | 81.8 | 12655.5 | 510.0 |
| 20724 | 0.966 | 15044 | 262892 | 10.3 | 1223.3 | 49.5 |
| 20725 | 0.96 | 193080 | 2955001 | 131.0 | 13742.4 | 561.0 |
| 20726* | 1.638 | 100701 | 1893555 | 116.5 | 9423.5 | 401.1 |
| 20728 | 0.779 | 39591 | 414036 | 21.8 | 1890.3 | 76.9 |
| 20734 | 0.783 | 316723 | 7121544 | 175.2 | 32527.8 | 1322.9 |
| 20740 | 0.736 | 165373 | 3621209 | 86.0 | 16460.6 | 692.5 |
| 20742 | 0.735 | 118741 | 2595687 | 61.7 | 11797.8 | 511.0 |
| 20743 | 0.748 | 163870 | 3483223 | 86.6 | 15852.9 | 663.8 |
| 20768 | 0.889 | 125777 | 2309623 | 79.0 | 10663.9 | 430.2 |
| 20769 | 0.89 | 11442 | 225027 | 7.2 | 1039.1 | 42.0 |
| 20770 | 0.89 | 402152 | 7465384 | 252.9 | 34472.3 | 1391.3 |
| total | | 4873177 | 72518727 | 2876.9 | 334782.9 | |

*** - run with multi-step IR**

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