

900 GeV pp

Soft QCD

Cross section ( $M_x < 200 \text{ GeV}^2$ )

$\sigma_{SD} / \sigma_{inel}$

0.45

0.4

0.35

0.3

0.25

0.2

0.15

0.1

0.05

0

-0.05

-0.1

-0.15

-0.2

-0.25

-0.3

-0.35

-0.4

-0.45

-0.5

-0.55

-0.6

-0.65

-0.7

-0.75

-0.8

-0.85

-0.9

-0.95

-1

-1.05

-1.1

-1.15

-1.2

-1.25

-1.3

-1.35

-1.4

-1.45

-1.5

-1.55

-1.6

-1.65

-1.7

-1.75

-1.8

-1.85

-1.9

-1.95

-2

-2.05

-2.1

-2.15

-2.2

-2.25

-2.3

-2.35

-2.4

-2.45

-2.5

-2.55

-2.6

-2.65

-2.7

-2.75

-2.8

-2.85

-2.9

-2.95

-3

-3.05

-3.1

-3.15

-3.2

-3.25

-3.3

-3.35

-3.4

-3.45

-3.5

-3.55

-3.6

-3.65

-3.7

-3.75

-3.8

-3.85

-3.9

-3.95

-4

-4.05

-4.1

-4.15

-4.2

-4.25

-4.3

-4.35

-4.4

-4.45

-4.5

-4.55

-4.6

-4.65

-4.7

-4.75

-4.8

-4.85

-4.9

-4.95

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-5.05

-5.1

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-7

-7.05

-7.1

-7.15

-7.2

-7.25

-7.3

-7.35

-7.4

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-7.5

-7.55

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-9.05

-9.1

-9.15

-9.2

-9.25

-9.3

-9.35

-9.4

-9.45

-9.5

-9.55

-9.6

-9.65

-9.7

-9.75

-9.8

-9.85

-9.9

-9.95

-10

-10.05

-10.1

-10.15

-10.2

-10.25

-10.3

-10.35

-10.4

-10.45

-10.5

-10.55

-10.6

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-10.95

-11

-11.05

-11.1

-11.15

-11.2

-11.25

-11.3

-11.35

-11.4

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-11.5

-11.55

-11.6

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-11.7

-11.75

-11.8

-11.85

-11.9

-11.95

-12

-12.05

-12.1

-12.15

-12.2

-12.25

-12.3

-12.35

-12.4

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-15.55

-15.6

-15.65

-15.7

-15.75

-15.8

-15.85

-15.9

-15.95

-16

-16.05

-16.1

-16.15