

Heavy Flavor Averaging Group
April 2005

Compilation of B_s Rare Branching Fractions
All branching fractions are in units of 10^{-6}

In PDG2004

New since PDG2004 (preliminary)

New since PDG2004 (published)

RPP#	Mode	PDG2004 Avg.	CDF	D0	New Avg.
24	$\mu^+\mu^-$	< 2.0	< 0.58	< 0.41	< 0.41
26	$e^\pm\mu^\mp$	< 6.1	< 6.1		< 6.1
27	$\phi\mu^+\mu^-$	< 47	< 47		< 47
15	$\phi\phi$	< 1183	$14_{-5}^{+6} \pm 6$		14_{-7}^{+8}

Tevatron References

- [1] CDF Collaboration (D. Acosta *et al.*), Phys. Rev. Lett. **93**, 032001 (2004).
- [2] DØ Collaboration (V.M. Abazov *et al.*), Phys. Rev. Lett. **94**, 071802 (2005).
- [3] CDF Collaboration (F. Abe *et al.*), Phys. Rev. Lett. **81**, 5742 (1998).
- [4] CDF Collaboration (D. Acosta *et al.*), Phys. Rev. D **65**, 111101 (2002).
- [5] CDF Collaboration (D. Acosta *et al.*), hep-ex/0502044, 2005.