$\Gamma(\Lambda\pi^+)/\Gamma(p\overline{K}^0)$ Γ_{20}/Γ_1

VALUE	CL%	EVTS	DOCUMENT ID		TECN	COMMENT
• • • We do not use the following data for averages, fits, limits, etc. • • •						
<0.4	90	40	RUSSELL	81	SPEC	Photoproduction
$0.51^{+0.62}_{-0.27}$		9	KITAGAKI	80	DBC	ν d in FNAL 15-ft

$\Gamma(\Lambda\pi^+\pi^0)/\Gamma(pK^-\pi^+)$ Γ_{21}/Γ_2

VALUE	EVTS	DOCUMENT ID		TECN	COMMENT
$0.73\pm0.09\pm0.16$	464	AVERY	94	CLEO	$e^+e^-\approx\Upsilon(3S),\Upsilon(4S)$

$\Gamma(\Lambda\rho^0)/\Gamma(pK^-\pi^+)$ Γ_{22}/Γ_2

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
<0.95	95	AVERY	94	CLEO	$e^+e^-\approx\Upsilon(3S),\Upsilon(4S)$

$\Gamma(\Lambda\pi^+\pi^+\pi^-)/\Gamma_{\text{total}}$ Γ_{23}/Γ

VALUE	EVTS	DOCUMENT ID		TECN	COMMENT
0.027 ± 0.006 OUR FIT					
$0.028\pm0.007\pm0.011$	70	[6] BOWCOCK	85	CLEO	e^+e^- 10.5 GeV

[6] See BOWCOCK 85 for assumptions made on charm production and Λ_c production from charm to get this result.

$\Gamma(\Lambda\pi^+\pi^+\pi^-)/\Gamma(pK^-\pi^+)$ Γ_{23}/Γ_2

VALUE	EVTS	DOCUMENT ID		TECN	COMMENT
0.63 ± 0.10 OUR FIT					
0.66 ± 0.11 OUR AVERAGE					
$0.65\pm0.11\pm0.12$	289	AVERY	91	CLEO	e^+e^- 10.5 GeV
$0.82\pm0.29\pm0.27$	44	ANJOS	90	E691	γ Be 70–260 GeV
$0.94\pm0.41\pm0.13$	10	BARLAG	90D	NA32	π^- 230 GeV
$0.61\pm0.16\pm0.04$	105	ALBRECHT	88C	ARG	e^+e^- 10 GeV

$\Gamma(p\overline{K}^0\pi^+\pi^-)/\Gamma(\Lambda\pi^+\pi^+\pi^-)$ Γ_7/Γ_{23}

VALUE	EVTS	DOCUMENT ID		TECN	COMMENT
0.86 ± 0.28 OUR FIT Error includes scale factor of 1.2.					
$4.3\ \pm1.2$	130	ALEEV	84	BIS2	nC 40–70 GeV

$\Gamma(\Sigma^0\pi^+)/\Gamma(pK^-\pi^+)$ Γ_{24}/Γ_2

VALUE	EVTS	DOCUMENT ID		TECN	COMMENT
0.20 ± 0.04 OUR AVERAGE					
$0.21\pm0.02\pm0.04$	196	AVERY	94	CLEO	$e^+e^-\approx\Upsilon(3S),\Upsilon(4S)$
$0.17\pm0.06\pm0.04$		ALBRECHT	92	ARG	$e^+e^-\approx$ 10.4 GeV

$\Gamma(\Sigma^0\pi^+\pi^0)/\Gamma(pK^-\pi^+)$ Γ_{25}/Γ_2

VALUE	EVTS	DOCUMENT ID		TECN	COMMENT
$0.36\pm0.09\pm0.10$	117	AVERY	94	CLEO	$e^+e^-\approx\Upsilon(3S),\Upsilon(4S)$

$\Gamma(\Sigma^0\pi^+\pi^+\pi^-)/\Gamma(pK^-\pi^+)$ Γ_{26}/Γ_2

VALUE	EVTS	DOCUMENT ID		TECN	COMMENT
$0.21\pm0.05\pm0.05$	90	AVERY	94	CLEO	$e^+e^-\approx\Upsilon(3S),\Upsilon(4S)$

$\Gamma(\Sigma^+\pi^0)/\Gamma(pK^-\pi^+)$ Γ_{27}/Γ_2

VALUE	EVTS	DOCUMENT ID		TECN	COMMENT
$0.20\pm0.03\pm0.03$	93	KUBOTA	93	CLEO	$e^+e^-\approx\Upsilon(4S)$

$\Gamma(\Sigma^+\pi^+\pi^-)/\Gamma_{\text{total}}$ Γ_{28}/Γ

VALUE	EVTS	DOCUMENT ID		TECN	COMMENT
• • • We do not use the following data for averages, fits, limits, etc. • • •					
0.10 ± 0.08		ADAMOVICH	87	EMUL	γA 20–70 GeV/c
seen	1	AMMAR	86	EMUL	νA

$\Gamma(\Sigma^+\pi^+\pi^-)/\Gamma(pK^-\pi^+)$ Γ_{28}/Γ_2

VALUE	EVTS	DOCUMENT ID		TECN	COMMENT
0.68 ± 0.09 OUR AVERAGE					
$0.74\pm0.07\pm0.09$	487	KUBOTA	93	CLEO	$e^+e^-\approx\Upsilon(4S)$
$0.54^{+0.18}_{-0.15}$	11	BARLAG	92	NA32	π^- Cu 230 GeV

$\Gamma(\Sigma^+\rho^0)/\Gamma(pK^-\pi^+)$ Γ_{29}/Γ_2

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
<0.27	95	KUBOTA	93	CLEO	$e^+e^-\approx\Upsilon(4S)$

$\Gamma(\Sigma^-\pi^+\pi^+)/\Gamma(\Sigma^+\pi^+\pi^-)$ Γ_{30}/Γ_{28}

VALUE	EVTS	DOCUMENT ID		TECN	COMMENT
$0.53\pm0.15\pm0.07$	56	FRABETTI	94E	E687	γ Be, $\overline{E}_\gamma$ 220 GeV

$\Gamma(\Sigma^+\omega)/\Gamma(pK^-\pi^+)$ Γ_{32}/Γ_2

Unseen decay modes of the ω are included.

VALUE	EVTS	DOCUMENT ID		TECN	COMMENT
$0.54\pm0.13\pm0.06$	107	KUBOTA	93	CLEO	$e^+e^-\approx\Upsilon(4S)$

$\Gamma(\Sigma^+\pi^+\pi^+\pi^-\pi^-)/\Gamma(pK^-\pi^+)$ Γ_{33}/Γ_2

VALUE	EVTS	DOCUMENT ID		TECN	COMMENT
$0.06^{+0.08}_{-0.04}$	1	BARLAG	92	NA32	π^- Cu 230 GeV

$\Gamma(\Sigma^+K^+K^-)/\Gamma(pK^-\pi^+)$ Γ_{34}/Γ_2

VALUE	EVTS	DOCUMENT ID		TECN	COMMENT
0.071 ± 0.015 OUR AVERAGE					
$0.070\pm0.011\pm0.011$	59	AVERY	93	CLEO	$e^+e^-\approx$ 10.5 GeV
$0.13\ ^{+0.18}_{-0.09}$	1	BARLAG	92	NA32	π^- Cu 230 GeV

$\Gamma(\Sigma^+\phi)/\Gamma(pK^-\pi^+)$ Γ_{35}/Γ_2

Unseen decay modes of the ϕ are included.

VALUE	EVTS	DOCUMENT ID		TECN	COMMENT
$0.069\pm0.023\pm0.016$	26	AVERY	93	CLEO	$e^+e^-\approx$ 10.5 GeV

$\Gamma(\Sigma^+K^+\pi^-)/\Gamma(pK^-\pi^+)$ Γ_{36}/Γ_2

VALUE	EVTS	DOCUMENT ID		TECN	COMMENT
$0.13^{+0.12}_{-0.07}$	2	BARLAG	92	NA32	π^- Cu 230 GeV

$\Gamma(\Xi^0K^+)/\Gamma(pK^-\pi^+)$ Γ_{37}/Γ_2

VALUE	EVTS	DOCUMENT ID		TECN	COMMENT
$0.078\pm0.013\pm0.013$	56	AVERY	93	CLEO	$e^+e^-\approx$ 10.5 GeV

$\Gamma(\Xi^-K^+\pi^+)/\Gamma(pK^-\pi^+)$ Γ_{38}/Γ_2

VALUE	EVTS	DOCUMENT ID		TECN	COMMENT
0.088 ± 0.024 OUR AVERAGE Error includes scale factor of 1.3.					
$0.079\pm0.013\pm0.014$	60	AVERY	93	CLEO	$e^+e^-\approx$ 10.5 GeV
$0.15\ \pm0.04\ \pm0.03$	30	AVERY	91	CLEO	e^+e^- 10.5 GeV

$\Gamma(\Xi(1530)^0K^+)/\Gamma(pK^-\pi^+)$ Γ_{39}/Γ_2

Unseen decay modes of the $\Xi(1530)^0$ are included.

VALUE	EVTS	DOCUMENT ID		TECN	COMMENT
$0.053\pm0.016\pm0.010$	24	AVERY	93	CLEO	$e^+e^-\approx$ 10.5 GeV

$\Gamma(\Lambda\text{ anything }\ell^+\nu_\ell)/\Gamma(\Lambda\ell^+\nu_\ell)$ Γ_{41}/Γ_{40}

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
<0.15	90	BERGFELD	94	CLEO	$e^+e^-\approx\ \Upsilon(4S)$

$\Gamma(p\text{ anything})/\Gamma_{\text{total}}$ Γ_{42}/Γ

VALUE	DOCUMENT ID		TECN	COMMENT
$0.50\pm0.08\pm0.14$	[7] CRAWFORD	92	CLEO	e^+e^- 10.5 GeV

[7] This CRAWFORD 92 value includes protons from Λ decay. The value is model dependent, but account is taken of this in the systematic error.

$\Gamma(p\text{ anything (no }\Lambda))/\Gamma_{\text{total}}$ Γ_{43}/Γ

VALUE	DOCUMENT ID		TECN	COMMENT
$0.12\pm0.10\pm0.16$	CRAWFORD	92	CLEO	e^+e^- 10.5 GeV

$\Gamma(n\text{ anything})/\Gamma_{\text{total}}$ Γ_{45}/Γ

VALUE	DOCUMENT ID		TECN	COMMENT
$0.50\pm0.08\pm0.14$	[8] CRAWFORD	92	CLEO	e^+e^- 10.5 GeV

[8] This CRAWFORD 92 value includes neutrons from Λ decay. The value is model dependent, but account is taken of this in the systematic error.

$\Gamma(n\text{ anything (no }\Lambda))/\Gamma_{\text{total}}$ Γ_{46}/Γ

VALUE	DOCUMENT ID		TECN	COMMENT
$0.29\pm0.09\pm0.15$	CRAWFORD	92	CLEO	e^+e^- 10.5 GeV

$\Gamma(p\text{ hadrons})/\Gamma_{\text{total}}$ Γ_{44}/Γ

VALUE	DOCUMENT ID		TECN	COMMENT
• • • We do not use the following data for averages, fits, limits, etc. • • •				
0.41 ± 0.24	ADAMOVICH	87	EMUL	γA 20–70 GeV/c

$\Gamma(\Lambda\text{ anything})/\Gamma_{\text{total}}$ Γ_{47}/Γ

VALUE	EVTS	DOCUMENT ID		TECN	COMMENT
0.35 ± 0.11 OUR AVERAGE Error includes scale factor of 1.4. See the ideogram below.					
$0.59\pm0.10\pm0.12$		CRAWFORD	92	CLEO	e^+e^- 10.5 GeV
0.49 ± 0.24		ADAMOVICH	87	EMUL	γA 20–70 GeV/c
0.23 ± 0.10	8	[9] ABE	86	HYBR	20 GeV γp

[9] ABE 86 includes Λ's from Σ^0 decay.