$\Gamma(\pi^+\pi^-\eta(\text{charged decay}))/\Gamma_{\text{total}}$ $0.291\Gamma_1/\Gamma$

VALUE	EVTS	DOCUMENT ID		TECN	COMMENT
0.127±0.004 OUR FIT	Error includes scale factor of 1.1.				
0.116±0.013 OUR AVERAGE					
0.123±0.014	107	RITTENBERG	69	HBC	1.7–2.7 K^-p
0.10 ±0.04	10	LONDON	66	HBC	2.24 $K^-p\to\Lambda\pi^+\pi^-\pi^+\pi^-\pi^0$
0.07 ±0.04	7	BADIER	65B	HBC	3 K^-p

$[\Gamma(\pi^0\pi^0\eta(\text{charged decay}))+\Gamma(\omega(\text{charged decay})\gamma)]/\Gamma_{\text{total}}$ $(0.291\Gamma_3+0.9\Gamma_4)/\Gamma$

VALUE	EVTS	DOCUMENT ID		TECN	COMMENT
0.088±0.005 OUR FIT	Error includes scale factor of 1.2.				
0.045±0.029	42	RITTENBERG	69	HBC	1.7–2.7 K^-p

$\Gamma(\text{neutrals})/\Gamma_{\text{total}}$ $(0.709\Gamma_3+0.09\Gamma_4+\Gamma_5)/\Gamma$

VALUE	EVTS	DOCUMENT ID		TECN	COMMENT
0.171±0.009 OUR FIT	Error includes scale factor of 1.2.				
0.187±0.017 OUR AVERAGE					
0.185±0.022	535	BASILE	71	CNTR	1.6 $\pi^-p\to nX^0$
0.189±0.026	123	RITTENBERG	69	HBC	1.7–2.7 K^-p

$\Gamma(\rho^0\gamma)/\Gamma_{\text{total}}$ Γ_2/Γ

VALUE	EVTS	DOCUMENT ID		TECN	COMMENT
0.302±0.013 OUR FIT	Error includes scale factor of 1.1.				
0.319±0.030 OUR AVERAGE					
0.329±0.033	298	RITTENBERG	69	HBC	1.7–2.7 K^-p
0.2 ±0.1	20	LONDON	66	HBC	2.24 $K^-p\to\Lambda\pi^+\pi^-\gamma$
0.34 ±0.09	35	BADIER	65B	HBC	3 K^-p

$\Gamma(\rho^0\gamma)/\Gamma(\pi\pi\eta)$ $\Gamma_2/(\Gamma_1+\Gamma_3)$

VALUE	DOCUMENT ID		TECN	COMMENT
0.468±0.029 OUR FIT	Error includes scale factor of 1.1.			
0.31 ±0.15	DAVIS	68	HBC	5.5 K^-p

$\Gamma(\pi^0e^+e^-)/\Gamma_{\text{total}}$ Γ_{11}/Γ

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
<0.013	90	RITTENBERG	65	HBC	2.7 K^-p

$\Gamma(\eta e^+e^-)/\Gamma_{\text{total}}$ Γ_{12}/Γ

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
<0.011	90	RITTENBERG	65	HBC	2.7 K^-p

$\Gamma(\pi^0\rho^0)/\Gamma_{\text{total}}$ Γ_9/Γ

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
<0.04	90	RITTENBERG	65	HBC	2.7 K^-p

$\Gamma(\pi^+\pi^-e^+e^-)/\Gamma_{\text{total}}$ Γ_{17}/Γ

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
<0.006	90	RITTENBERG	65	HBC	2.7 K^-p

$\Gamma(6\pi)/\Gamma_{\text{total}}$ Γ_{16}/Γ

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
<0.01	90	LONDON	66	HBC	Compilation

$\Gamma(\omega\gamma)/\Gamma(\pi^+\pi^-\eta)$ Γ_4/Γ_1

VALUE	EVTS	DOCUMENT ID		TECN	COMMENT
0.069±0.008 OUR FIT	Error includes scale factor of 1.1.				
0.068±0.013	68	ZANFINO	77	ASPK	8.4 π^-p

$\Gamma(\rho^0\gamma)/[\Gamma(\pi^+\pi^-\eta)+\Gamma(\pi^0\pi^0\eta)+\Gamma(\omega\gamma)]$ $\Gamma_2/(\Gamma_1+\Gamma_3+\Gamma_4)$

VALUE	DOCUMENT ID		TECN	COMMENT
0.447±0.028 OUR FIT	Error includes scale factor of 1.1.			
0.25 ±0.14	DAUBER	64	HBC	1.95 K^-p

$\Gamma(\gamma\gamma)/\Gamma_{\text{total}}$ Γ_5/Γ

VALUE	EVTS	DOCUMENT ID		TECN	COMMENT
0.0212±0.0013 OUR FIT	Error includes scale factor of 1.2.				
0.0196±0.0015 OUR AVERAGE					
0.0200±0.0018		[8] STANTON	80	SPEC	8.45 $\pi^-p\to n\pi^+\pi^-2\gamma$
0.025 ±0.007		DUANE	74	MMS	$\pi^-p\to n$MM
0.0171±0.0033	68	DALPIAZ	72	CNTR	1.6 $\pi^-p\to nX^0$
$0.020\ ^{+0.008}_{-0.006}$	31	HARVEY	71	OSPK	3.65 $\pi^-p\to nX^0$
• • • We do not use the following data for averages, fits, limits, etc. • • •					
0.018 ±0.002	6000	[9] APEL	79	NICE	15–40 $\pi^-p\to n2\gamma$

[8] Includes APEL 79 result.
[9] Data is included in STANTON 80 evaluation.

$\Gamma(e^+e^-)/\Gamma_{\text{total}}$ Γ_{25}/Γ

VALUE (units 10^{-7})	CL%	DOCUMENT ID		TECN	COMMENT
<2.1	90	VOROBYEV	88	ND	$e^+e^-\to\pi^+\pi^-\eta$

$\Gamma(\pi^+\pi^-)/\Gamma_{\text{total}}$ Γ_{10}/Γ

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
<0.02	90	RITTENBERG	69	HBC	1.7–2.7 K^-p
• • • We do not use the following data for averages, fits, limits, etc. • • •					
<0.08	95	DANBURG	73	HBC	2.2 $K^-p\to\Lambda X^0$

$\Gamma(\pi^+\pi^-\pi^0)/\Gamma_{\text{total}}$ Γ_8/Γ

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
<0.05	90	RITTENBERG	69	HBC	1.7–2.7 K^-p
• • • We do not use the following data for averages, fits, limits, etc. • • •					
<0.09	95	DANBURG	73	HBC	2.2 $K^-p\to\Lambda X^0$

$\Gamma(\pi^+\pi^+\pi^-\pi^-\text{neutrals})/\Gamma_{\text{total}}$ Γ_{14}/Γ

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
<0.01	95	DANBURG	73	HBC	2.2 $K^-p\to\Lambda X^0$
• • • We do not use the following data for averages, fits, limits, etc. • • •					
<0.01	90	RITTENBERG	69	HBC	1.7–2.7 K^-p

$\Gamma(\pi^+\pi^+\pi^-\pi^-\pi^0)/\Gamma_{\text{total}}$ Γ_{15}/Γ

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
<0.01	90	RITTENBERG	69	HBC	1.7–2.7 K^-p

$\Gamma(\pi^+\pi^+\pi^-\pi^-)/\Gamma_{\text{total}}$ Γ_{13}/Γ

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
<0.01	90	RITTENBERG	69	HBC	1.7–2.7 K^-p

$\Gamma(\rho^0\gamma)/\Gamma(\pi^+\pi^-\gamma(\text{including}\,\rho^0\gamma))$ Γ_2/Γ_{24}

VALUE	EVTS	DOCUMENT ID		TECN	COMMENT
1.08±0.08 OUR AVERAGE					
1.15±0.10	473	DANBURG	73	HBC	2.2 $K^-p\to\Lambda X^0$
1.01±0.15	137	JACOBS	73	HBC	2.9 $K^-p\to\Lambda X^0$
0.94±0.20		AGUILAR-...	70D	HBC	3.9–4.6 K^-p

$\Gamma(\pi^0\pi^0\eta(3\pi^0\text{decay}))/\Gamma_{\text{total}}$ $0.319\Gamma_3/\Gamma$

VALUE	EVTS	DOCUMENT ID		TECN	COMMENT
0.066±0.004 OUR FIT	Error includes scale factor of 1.2.				
0.11 ±0.06	4	BENSINGER	70	DBC	2.2 π^+d

$\Gamma(\rho^0\gamma)/\Gamma(\pi^+\pi^-\eta(\text{neutral decay}))$ $\Gamma_2/0.709\Gamma_1$

VALUE	EVTS	DOCUMENT ID		TECN	COMMENT
0.97±0.07 OUR FIT	Error includes scale factor of 1.1.				
1.01±0.09 OUR AVERAGE					
1.07±0.17		BELADIDZE	92C	VES	36 π^-Be $\to\ \pi^-\eta'\eta$ Be
0.92±0.14	473	DANBURG	73	HBC	2.2 $K^-p\to\Lambda X^0$
1.11±0.18	192	JACOBS	73	HBC	2.9 $K^-p\to\Lambda X^0$

$\Gamma(\gamma\gamma)/\Gamma(\pi^0\pi^0\eta(\text{neutral decay}))$ $\Gamma_5/0.709\Gamma_3$

VALUE	EVTS	DOCUMENT ID		TECN	COMMENT
0.144±0.010 OUR FIT	Error includes scale factor of 1.6.				
0.188±0.058	16	APEL	72	OSPK	3.8 $\pi^-p\to nX^0$

$\Gamma(\mu^+\mu^-\gamma)/\Gamma(\gamma\gamma)$ Γ_7/Γ_5

VALUE (units 10^{-3})	EVTS	DOCUMENT ID		TECN	COMMENT
4.9±1.2	33	VIKTOROV	80	CNTR	25,33 $\pi^-p\to 2\mu\gamma$

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

VALUE (units 10^{-5})	CL%	DOCUMENT ID		TECN	COMMENT
<1.5	90	DZHELYADIN	81	CNTR	30 $\pi^-p\to\eta' n$

$\Gamma(\mu^+\mu^-\pi^0)/\Gamma_{\text{total}}$ Γ_{22}/Γ

VALUE (units 10^{-5})	CL%	DOCUMENT ID		TECN	COMMENT
<6.0	90	DZHELYADIN	81	CNTR	30 $\pi^-p\to\eta' n$

$\Gamma(3\pi^0)/\Gamma(\pi^0\pi^0\eta)$ Γ_6/Γ_3

VALUE (units 10^{-4})	DOCUMENT ID		TECN	COMMENT
74±12 OUR FIT				
74±12 OUR AVERAGE				
74±15	ALDE	87B	GAM2	38 $\pi^-p\to n6\gamma$
75±18	BINON	84	GAM2	30–40 $\pi^-p\to n6\gamma$

$\Gamma(\gamma\gamma)/\Gamma(\pi^0\pi^0\eta)$ Γ_5/Γ_3

VALUE	DOCUMENT ID		TECN	COMMENT
0.102±0.007 OUR FIT	Error includes scale factor of 1.6.			
0.105±0.010 OUR AVERAGE	Error includes scale factor of 1.9.			
0.091±0.009	AMSLER	93	CBAR	0.0 $\bar{p}p$
0.112±0.002±0.006	ALDE	87B	GAM2	38 $\pi^-p\to n2\gamma$

$\Gamma(\omega\gamma)/\Gamma(\pi^0\pi^0\eta)$ Γ_4/Γ_3

VALUE	DOCUMENT ID		TECN	COMMENT
0.145±0.014 OUR FIT				
0.147±0.016	ALDE	87B	GAM2	38 $\pi^-p\to n4\gamma$