

# Total Cross Sections

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\*\*\* gamma + proton >> pi+ + neutron \*\*\*

all parameters are on default values

W = 1750.000 (MeV)

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Maid2007: disp = 2, e.m. form factors: mode = 7, gauge = 2

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\*\*\* 5 total cross sections: sigT, sigL, sigLT, sigLT', sigTT' \*\*\*

sigT=1/2(sig\_1/2 + sig\_3/2), sigTT'=1/2(sig\_3/2 - sig\_1/2)

sigL0=sigL\*(wcm/Q)\*\*2, sigLT0=sigLT\*(wcm/Q), sigLT0'=sigLT'\*(wcm/Q)

Q^2 (GeV/c)^2	w(lab) (MeV)	sigT (mcb)	sigL (mcb)	sigLT (mcb)	sigLT' (mcb)	sigTT' (mcb)	sigL0 (mcb)	sigLT0 (mcb)	sigLT0' (mcb)
.900	1642.5	10.09	5.49	1.13	-.43	-5.31	.82	.44	-.16
1.000	1695.7	9.50	4.89	.97	-.17	-5.85	.56	.33	-.06
1.100	1749.0	8.96	4.34	.83	.06	-6.17	.38	.24	.02
1.200	1802.3	8.45	3.83	.71	.26	-6.31	.25	.18	.07
1.300	1855.6	7.96	3.38	.61	.44	-6.32	.17	.13	.10