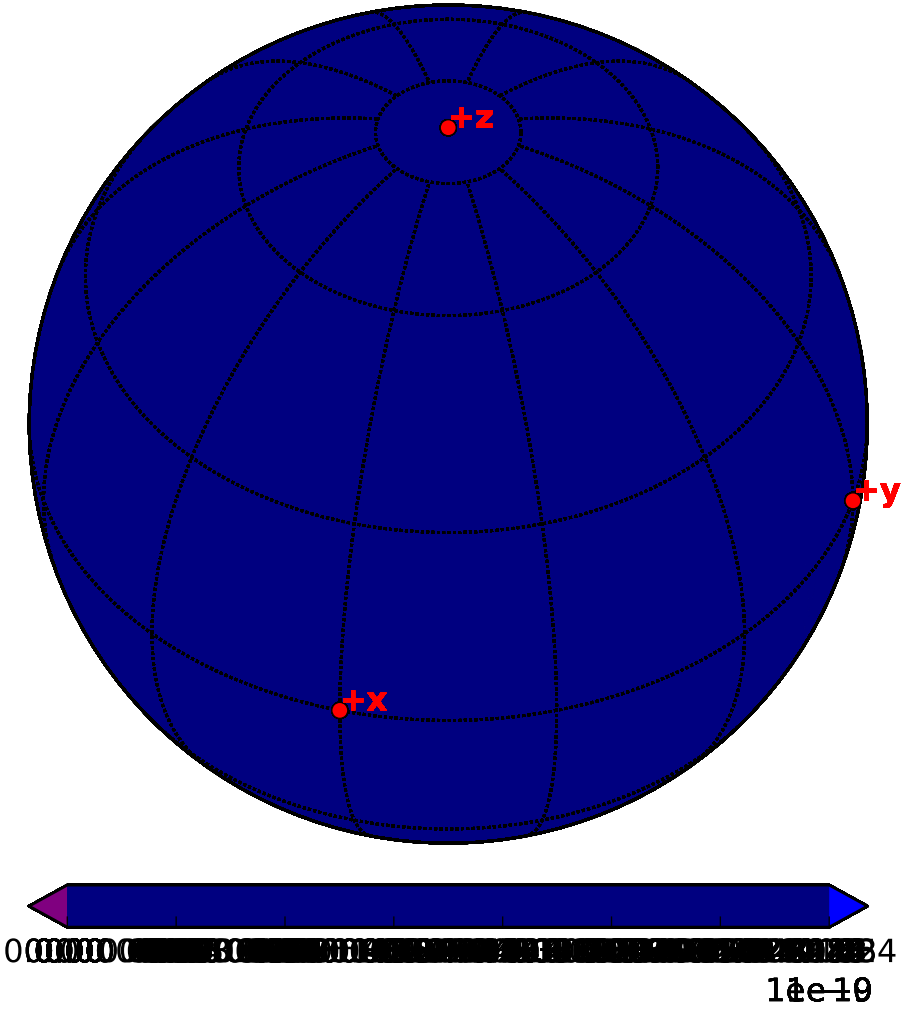alpha is0.7 m25m25nonscaled.pdf