Radial Profiles for $Am_0 = 1$, $\sigma =$ flat Magnetic Energy B^2 Density ρ avg ho with 25 th and 75 th percentiles --- $\hat{\eta}$ profile 3.5 1.04 1.04 3.0 1.02 - 1.02 2.5 B^2/B_{z0}^2 - 1.00 ← 0.98 1.5 0.98 0.96 1.0 0.96 0.94 0.5 _ _2 0 x/H -3 -1 3 -2 1 -3 x/H Plasma $\overline{oldsymbol{eta}}$ Plasma β 1.8×10^{2} avg plasma β with 25th and 75th percentiles plasma $\overline{\beta}$ with 25th and 75th percentiles 1.4×10^{2} 1.7×10^{2} 1.6×10^{2} 1.3×10^{2} 1.5×10^{2} 1.2×10^{2} $\frac{8}{9}$ $\frac{1.4 \times 10^2}{2}$ 1.1×10^{2} 1.3×10^{2} 10^{2} 1.2×10^{2} _ _2 **-**2 1 2 3 -3 -11 2 **-**3 -10 0 x/H x/H Shakura-Sunyaev α Stress --- avg Reynolds Stress $\text{avg }\alpha_{\textit{Re}}$ avg Maxwell Stress avg α_{Mx} 0.007 0.007 total avg Stress avg total lpha0.006 0.006 Stress 0.002 0.005 α 0.004 0.004 0.003 0.003 0.002 0.002 2 **-**3 **-**2 1 2 3 **-**3 **-**2 1 3 x/H x/H Magnetic Field B Kinetic Energy $\rho * v^2$ --- KE_x 0.035 KE_y 1.75 KEz KE_{total} |B|0.030 1.50 1.25 0.025 $\rho^* v^2/\rho_0 * c_5^2$ $^{0.00}_{20}$ 0.75 0.50 0.010 0.25 0.005 0.00 0.000 <u>-</u>2 **-**3 2 **-**3 -12 3 -10 1 3 -4 **-**2 1 0 x/H x/H