

equilibrium-grid

siw	ψ_i	psi-grid(equal space) 2D-equil
sdw	$d(\psi)/dV(\psi_i)$	
vlv	$V(\psi_i)=V_i$	Volume
siv	$\psi(V_i)$	1D-equil solution
sdv	$d(\psi)/dV(V_i)$	
hiv	$\phi(V_i)$	toroidal flux fun.
hdv	$d(\phi)/dV(V_i)$	$T\langle 1/R^2 \rangle$
arv	$S(V_i)$	Area
ckv	$\langle (\text{grad } V /R)^2 \rangle(V_i)$	
ssv	$\langle \text{grad } V ^2 \rangle(V_i)$	
aav	$\langle 1/R^2 \rangle(V_i)$	
rrv	$\langle R^2 \rangle(V_i)$	
bbv	$\langle B^2 \rangle(V_i)$	
biv	$\langle 1/B^2 \rangle(V_i)$	
r2b2	$\langle \text{grad } \psi ^2 \rangle(V_i)$	
rpv		
rtv		
elv		
dlv		

transport-grid

ro	$\rho(i)$	equi-distance coordinate $0 < \rho < 1$
hit	$\psi_i = \psi_{\text{max}} * \rho^2$	phi-grid $0 < \phi < \phi_{\text{max}}$ ϕ_{max} is defined by initial equilibrium
vlt	$V(\psi_i)$	Volume
sit	$\psi(\psi_i)$	
sdt	$d(\psi)/dV(\psi_i)$	
hdt	$d(\phi)/dV(\psi_i)$	
art	$S(\psi_i)$	Area
ckt	$\langle (\text{grad } V /R)^2 \rangle(\psi_i)$	
sst	$\langle \text{grad } V ^2 \rangle(\psi_i)$	
aat	$\langle 1/R^2 \rangle(\psi_i)$	
rrt	$\langle R^2 \rangle(\psi_i)$	

transport-half-integer-grid

roh	$\rho(i+1/2)$	
hih	$\psi_{i+1/2}$	
hdh	$hdt(\psi_{i+1/2})$	
ckh	$ckt(\psi_{i+1/2})$	
aah	$aat(\psi_{i+1/2})$	
ssh	$ssv(\psi_{i+1/2})$	
vlh	$V(\psi_{i+1/2})$	
r2b2h	$\langle \text{grad } \psi ^2 \rangle(\psi_{i+1/2})$	
rph	$rp(\psi_{i+1/2})$	minor radius
rth	$Rt(\psi_{i+1/2})$	major radius
bbh	$\langle B^2 \rangle(\psi_{i+1/2})$	
bih	$\langle 1/B^2 \rangle(\psi_{i+1/2})$	
ftb		trapped particle fraction
eph		ellipticity
rov		
vro		
sdt		
sro		
vrh		
srh		
rovh		