

Hubble X

Vel. variance:
 σ^2 [km² s⁻¹]

Power-law slope:
 m

RMS seeing:
 s_0 [parsec]

Noise:
[km² s⁻¹]

32
28
24
20
16

1.05
0.90
0.75
0.60

1.25
1.00
0.75
0.50

1.2
0.8
0.4

Corr. length:
 r_0 [parsec]

Vel. variance:
 σ^2 [km² s⁻¹]

Power-law slope:
 m

RMS seeing:
 s_0 [parsec]

Noise:
[km² s⁻¹]

2.0

2.5

3.0

3.5

4.0

16

20

24

28

32

0.60

0.75

0.90

1.05

0.50

0.75

1.00

1.25

0.4

0.8

1.2