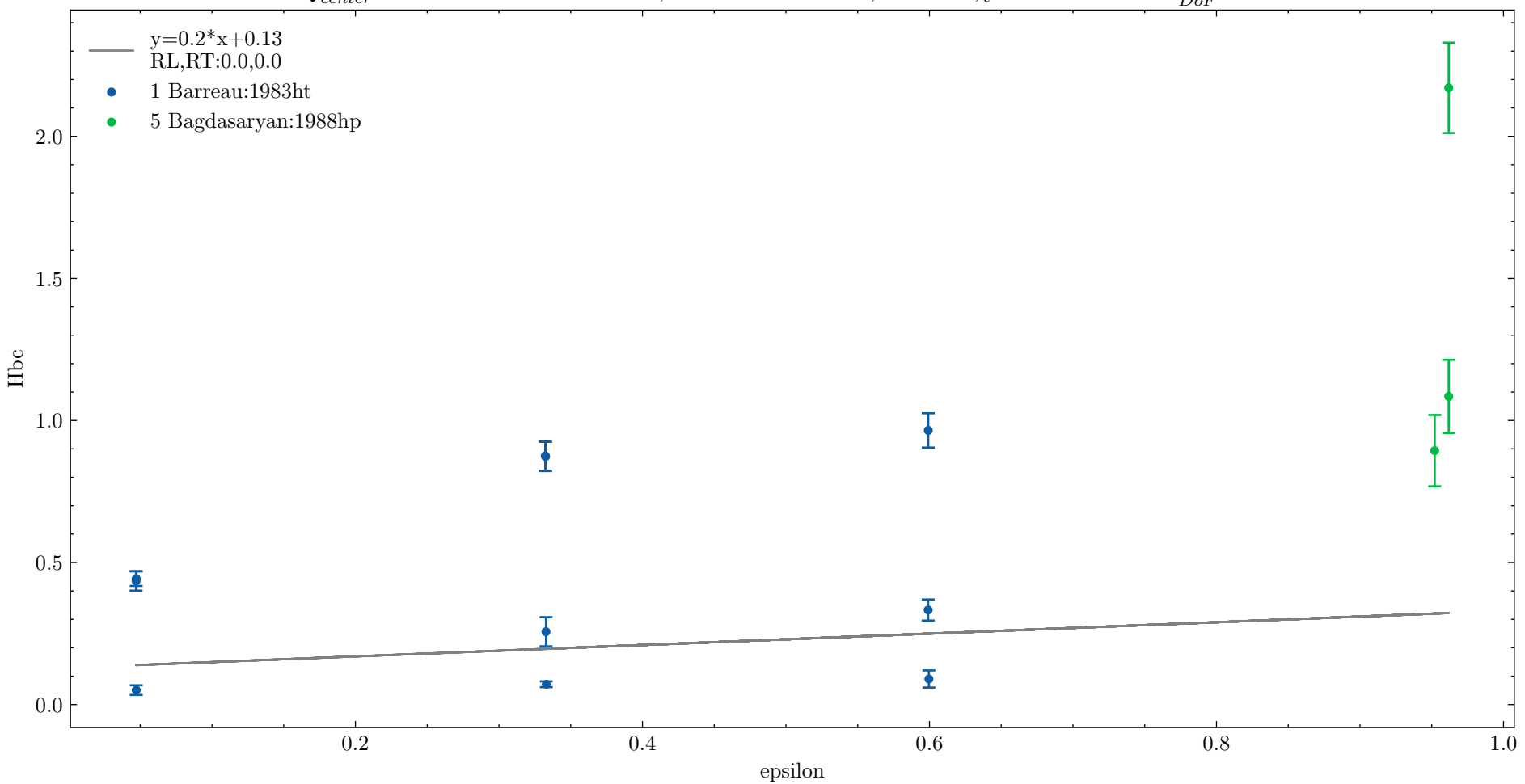
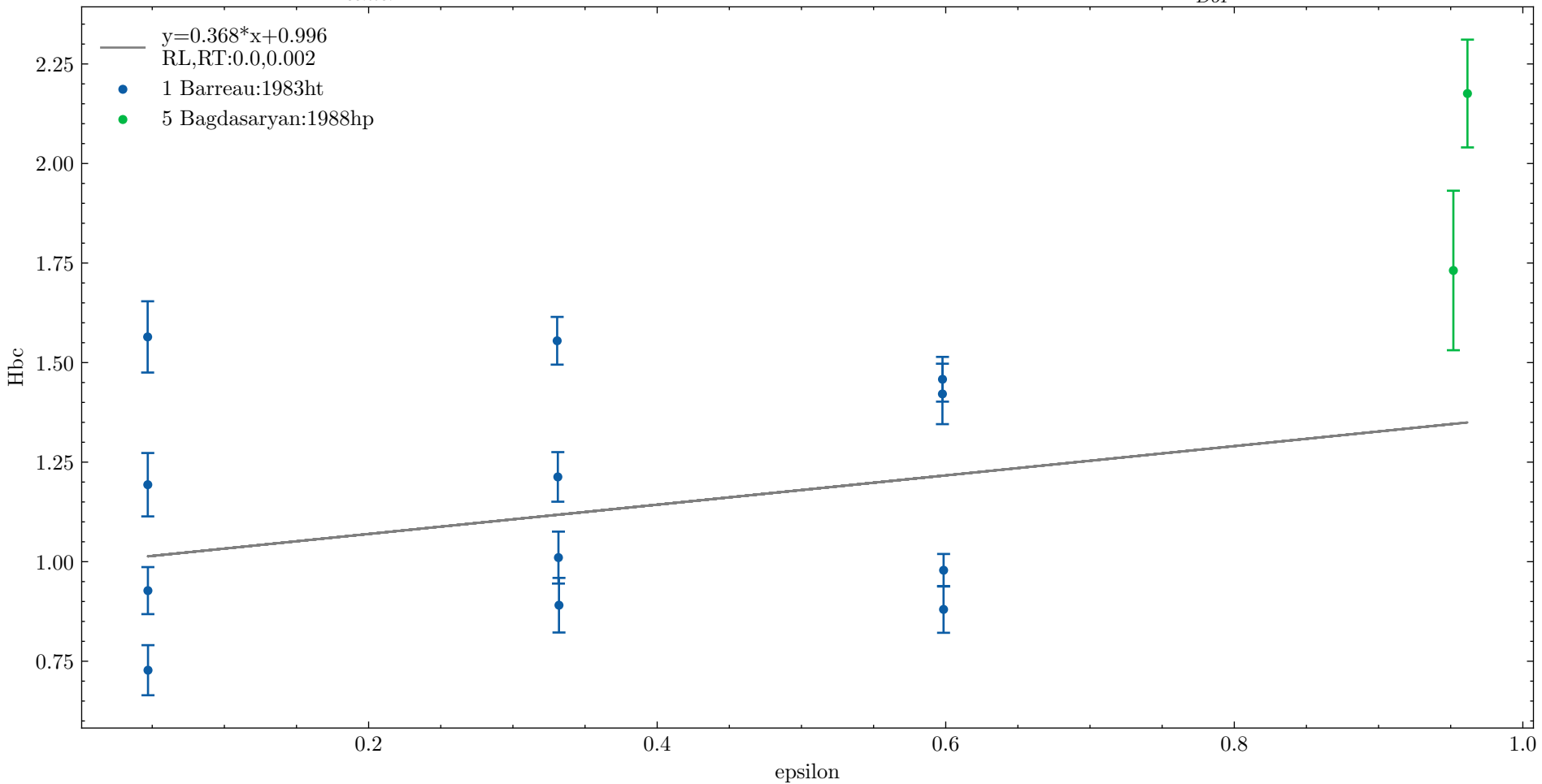


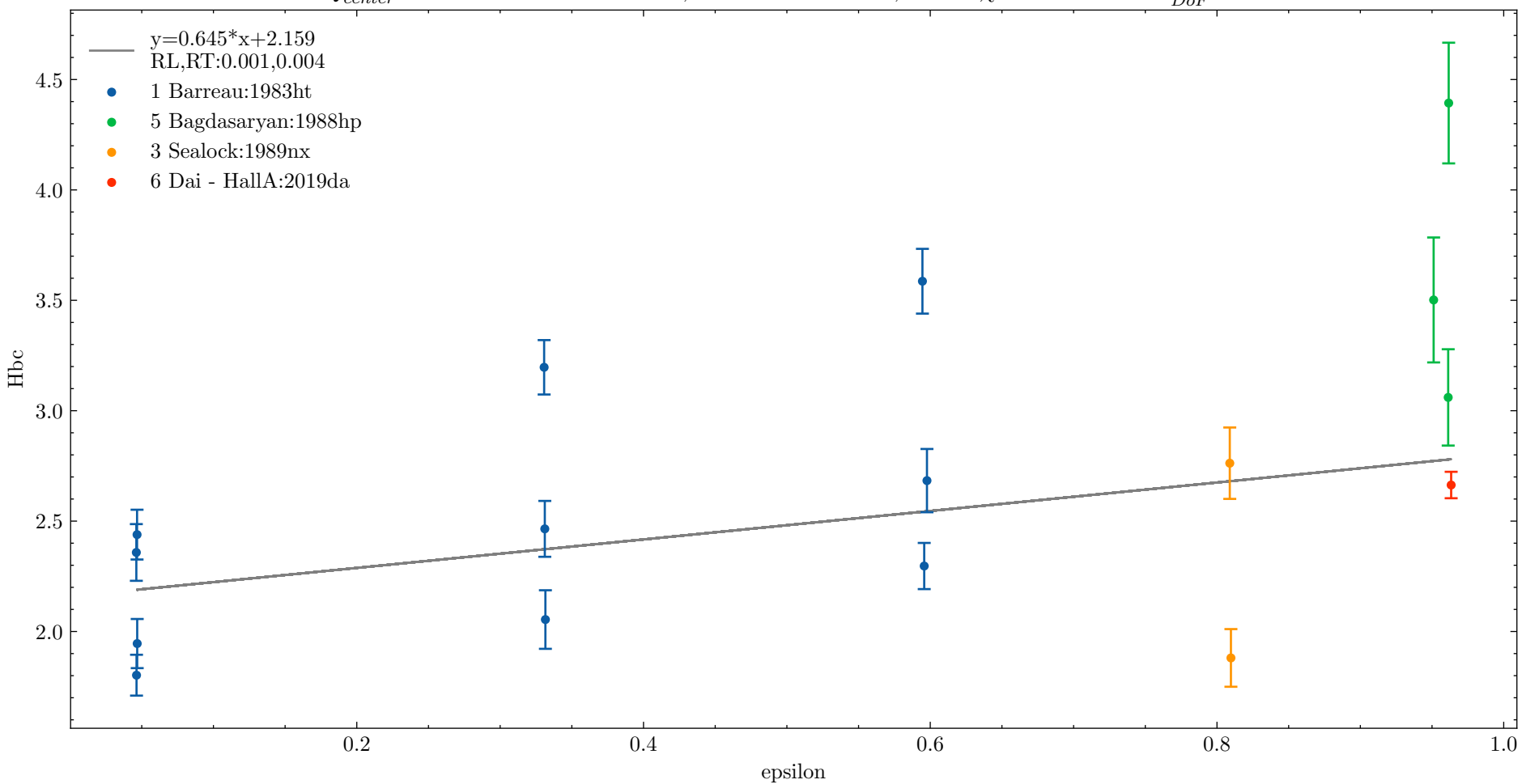
Q_{center}^3 :0.57 Ex:0.005 nu:0.02 RL,RT error: 3.96e-05,2.65e-05 χ^2 :1103.8 DoF:11 $\frac{\chi^2}{DoF}$:100.3



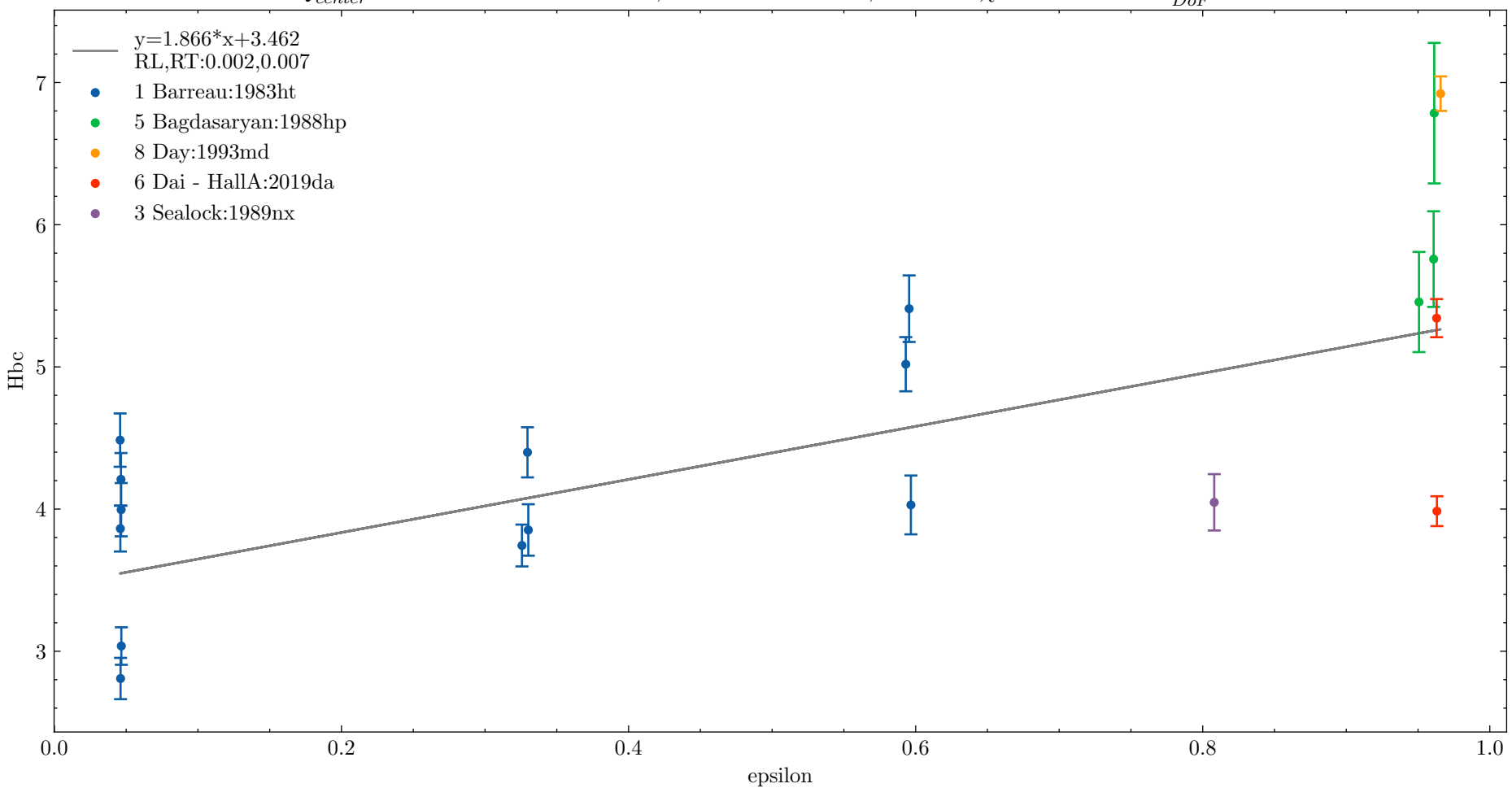
Q_{center}^3 :0.57 Ex:0.026 nu:0.04 RL,RT error: 7.34e-05,6.65e-05 χ^2 :268.6 DoF:12 $\frac{\chi^2}{DoF}$:22.4



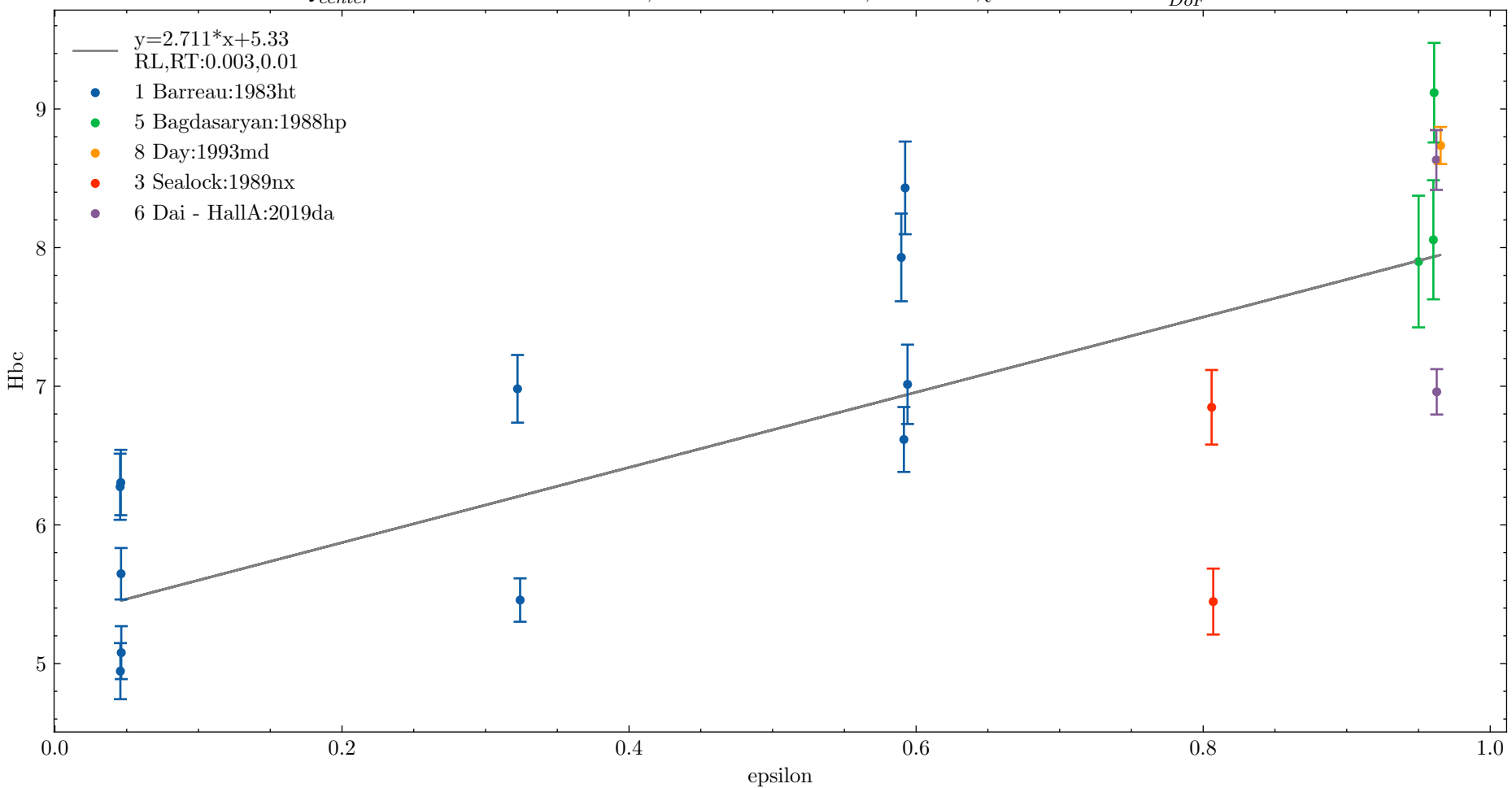
Q_{center}^3 :0.57 Ex:0.046 nu:0.06 RL,RT error: 8.03e-05,0.0001 χ^2 :222.1 DoF:14 $\frac{\chi^2}{DoF}$:15.9



Q_{center}^3 :0.57 Ex:0.066 nu:0.08 RL,RT error: 9.81e-05,0.000123 χ^2 :491.3 DoF:17 $\frac{\chi^2}{DoF}$:28.9



Q_{center}^3 :0.57 Ex:0.086 nu:0.1 RL,RT error: 0.000132,0.000168 χ^2 :275.2 DoF:17 $\frac{\chi^2}{DoF}$:16.2

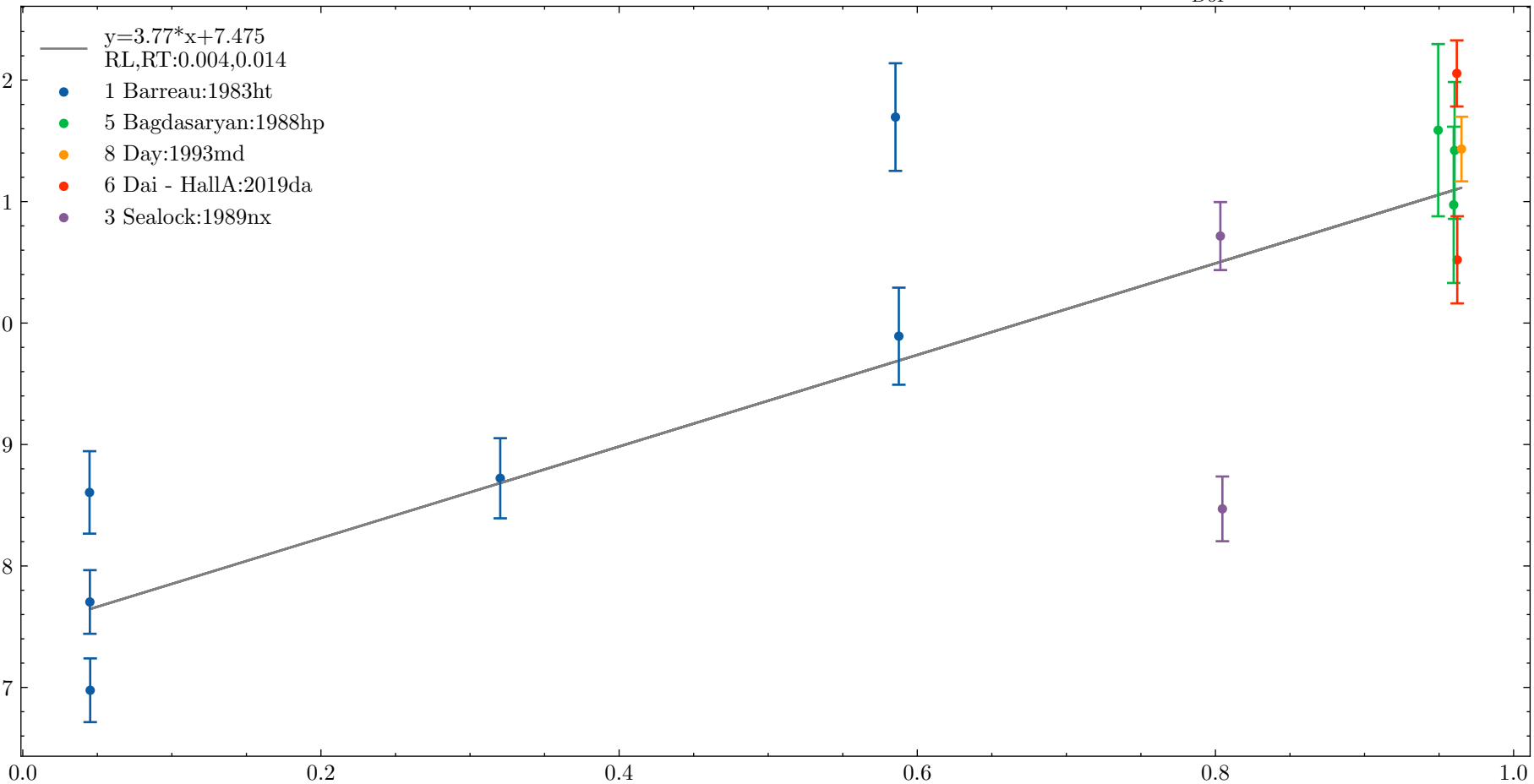


Q_{center}^3 :0.57 Ex:0.106 nu:0.12 RL,RT error: 0.000229,0.000305 χ^2 :111.9 DoF:12 $\frac{\chi^2}{DoF}$:9.3

Hbc

epsilon

- $y=3.77x+7.475$
RL,RT:0.004,0.014
- 1 Barreau:1983ht
- 5 Bagdasaryan:1988hp
- 8 Day:1993md
- 6 Dai - HallA:2019da
- 3 Sealock:1989nx



Q_{center}^3 :0.57 Ex:0.126 nu:0.14 RL,RT error: 0.000228,0.000322 χ^2 :102.2 DoF:16 $\frac{\chi^2}{DoF}$:6.4

H_{bc}

- $y=5.279 \cdot x + 9.035$
RL,RT:0.005,0.017
- 8 Day:1993md
- 3 Sealock:1989nx
- 1 Barreau:1983ht
- 5 Bagdasaryan:1988hp
- 6 Dai - HallA:2019da

0.0

0.2

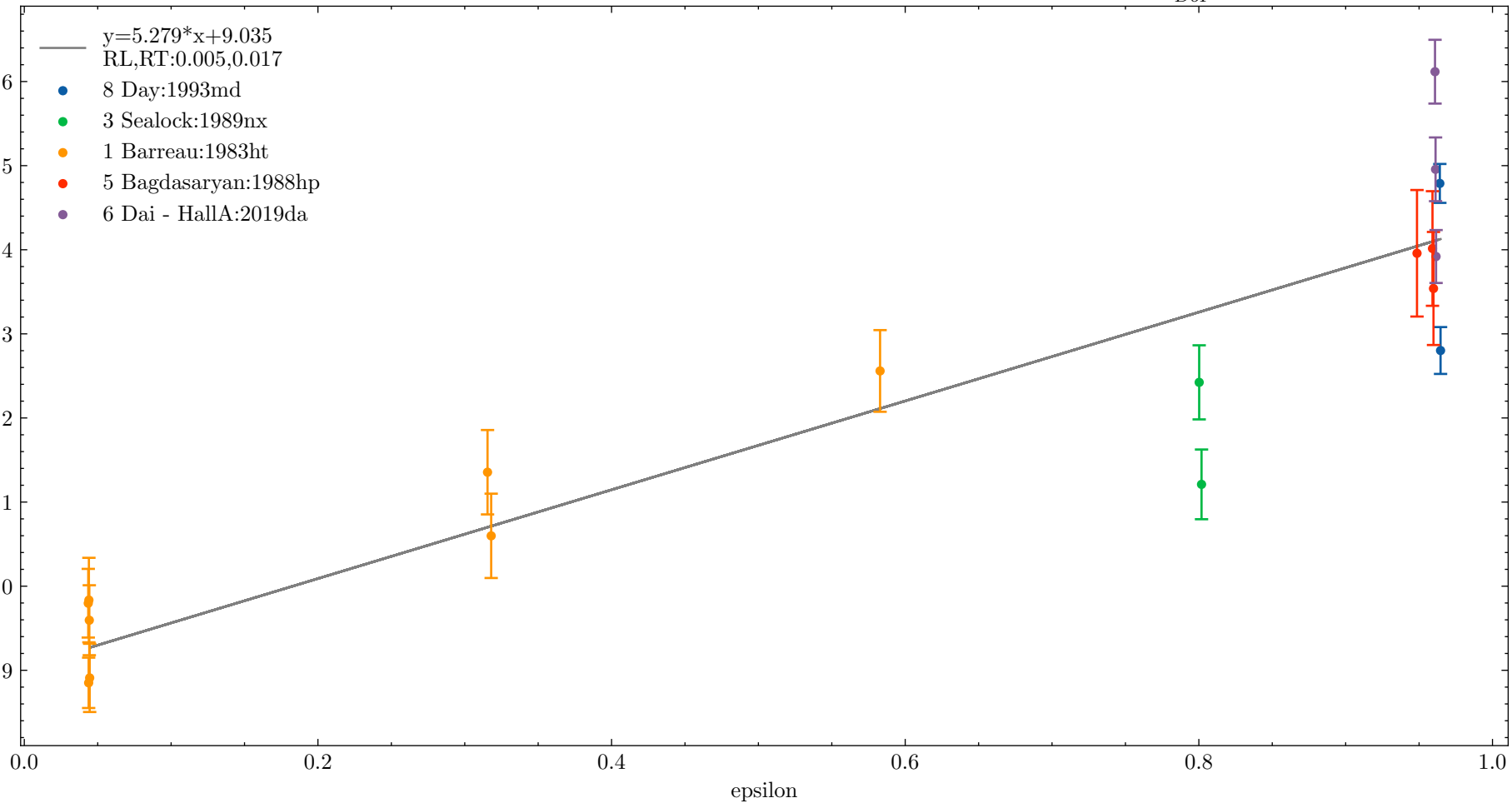
0.4

0.6

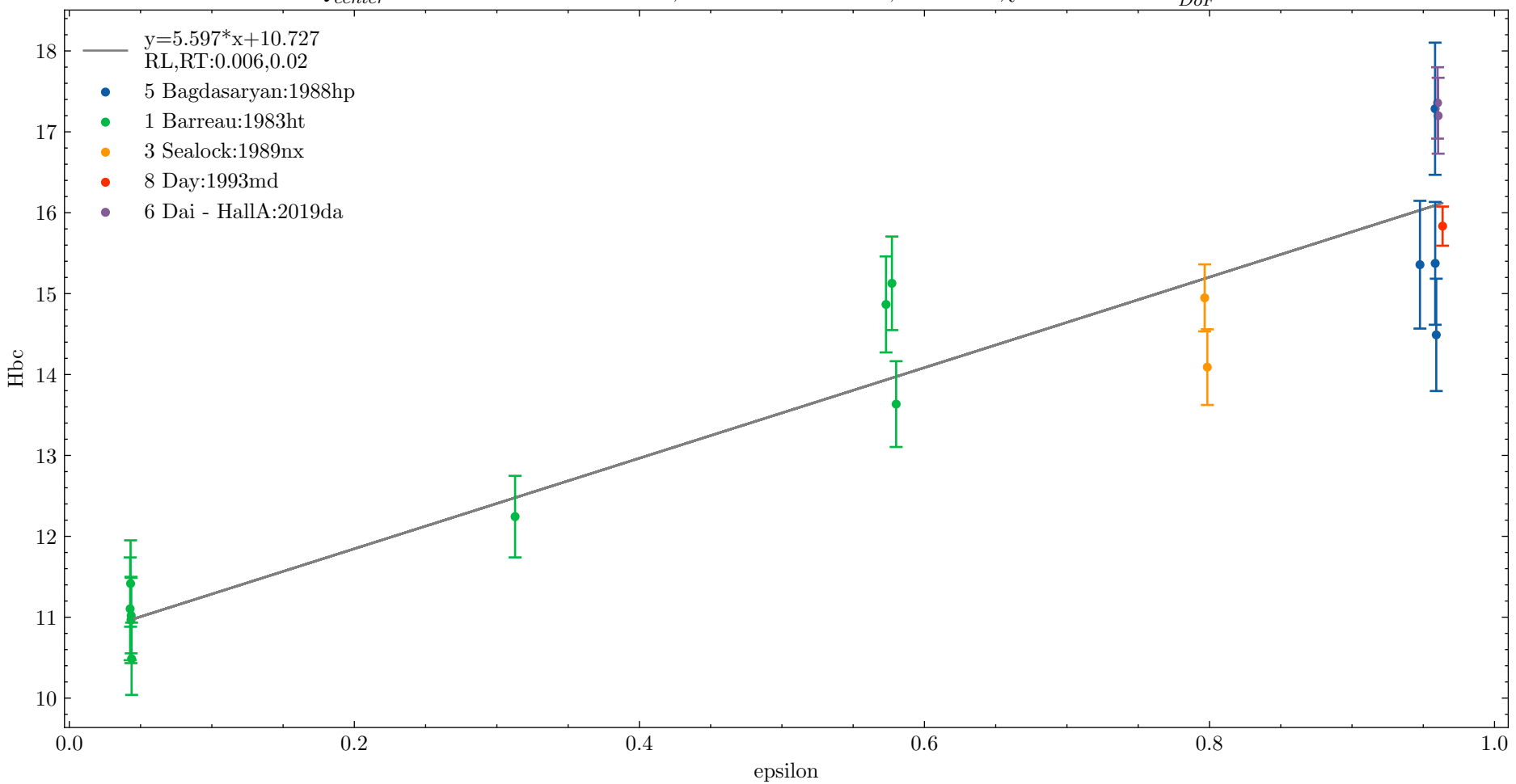
0.8

1.0

epsilon



Q_{center}^3 :0.57 Ex:0.147 nu:0.16 RL,RT error: 0.000302,0.000408 χ^2 :39.1 DoF:16 $\frac{\chi^2}{DoF}$:2.4

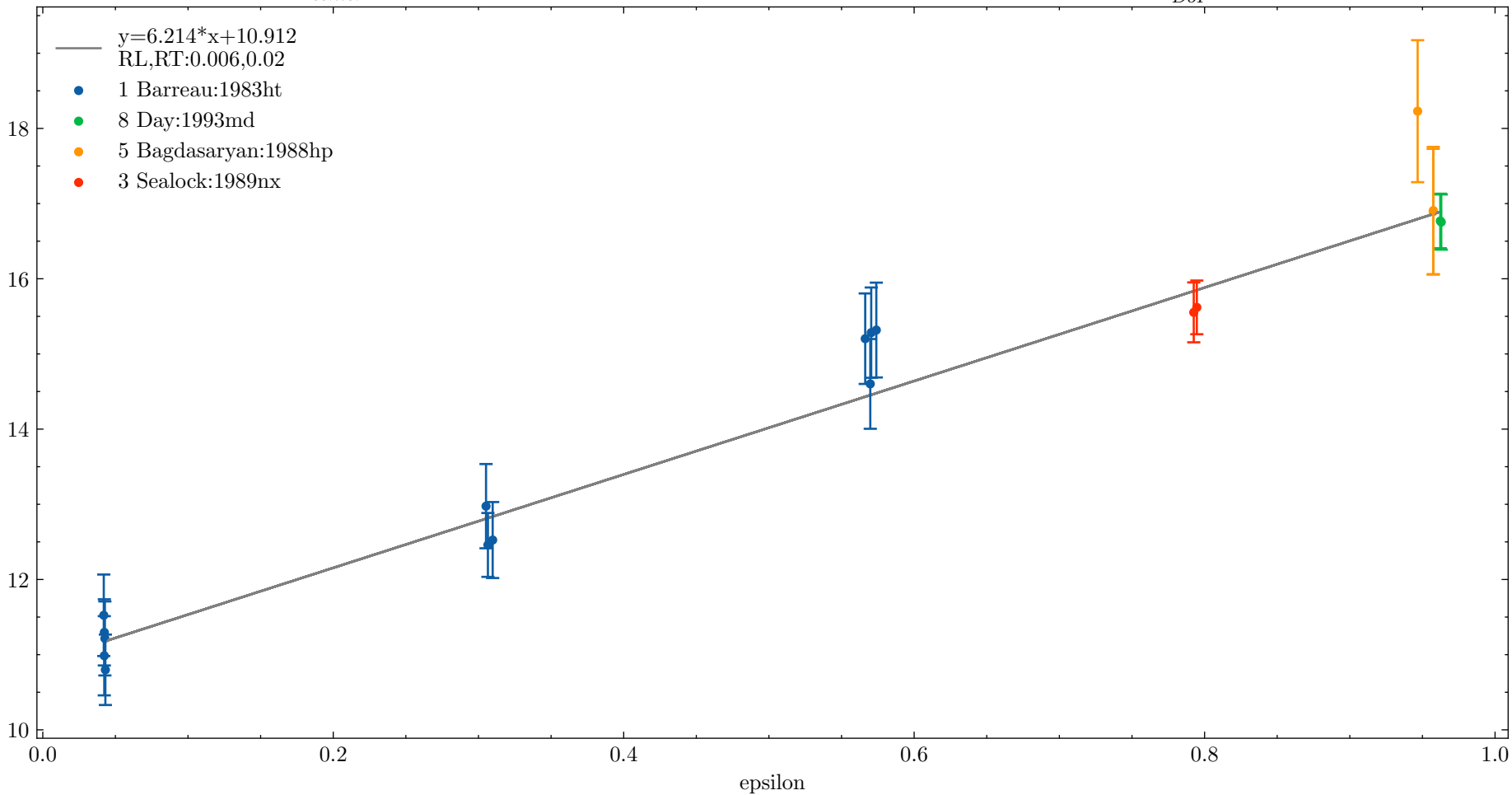


Q_{center}^3 :0.57 Ex:0.167 nu:0.18 RL,RT error: 0.000315,0.000359 χ^2 :11.3 DoF:17 $\frac{\chi^2}{DoF}$:0.7

H_bc

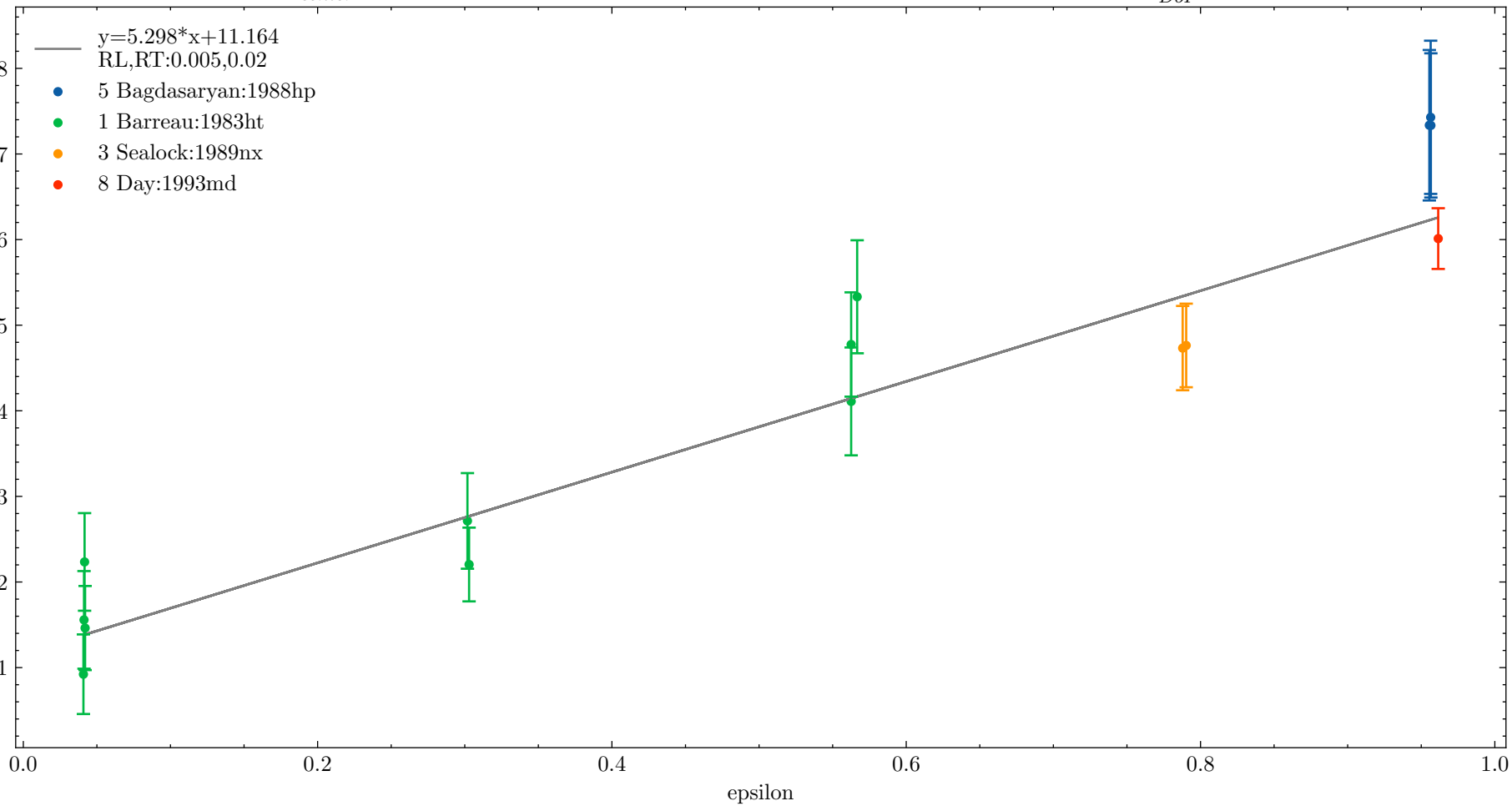
epsilon

- $y=6.214 \cdot x + 10.912$
RL,RT:0.006,0.02
- 1 Barreau:1983ht
- 8 Day:1993md
- 5 Bagdasaryan:1988hp
- 3 Sealock:1989nx



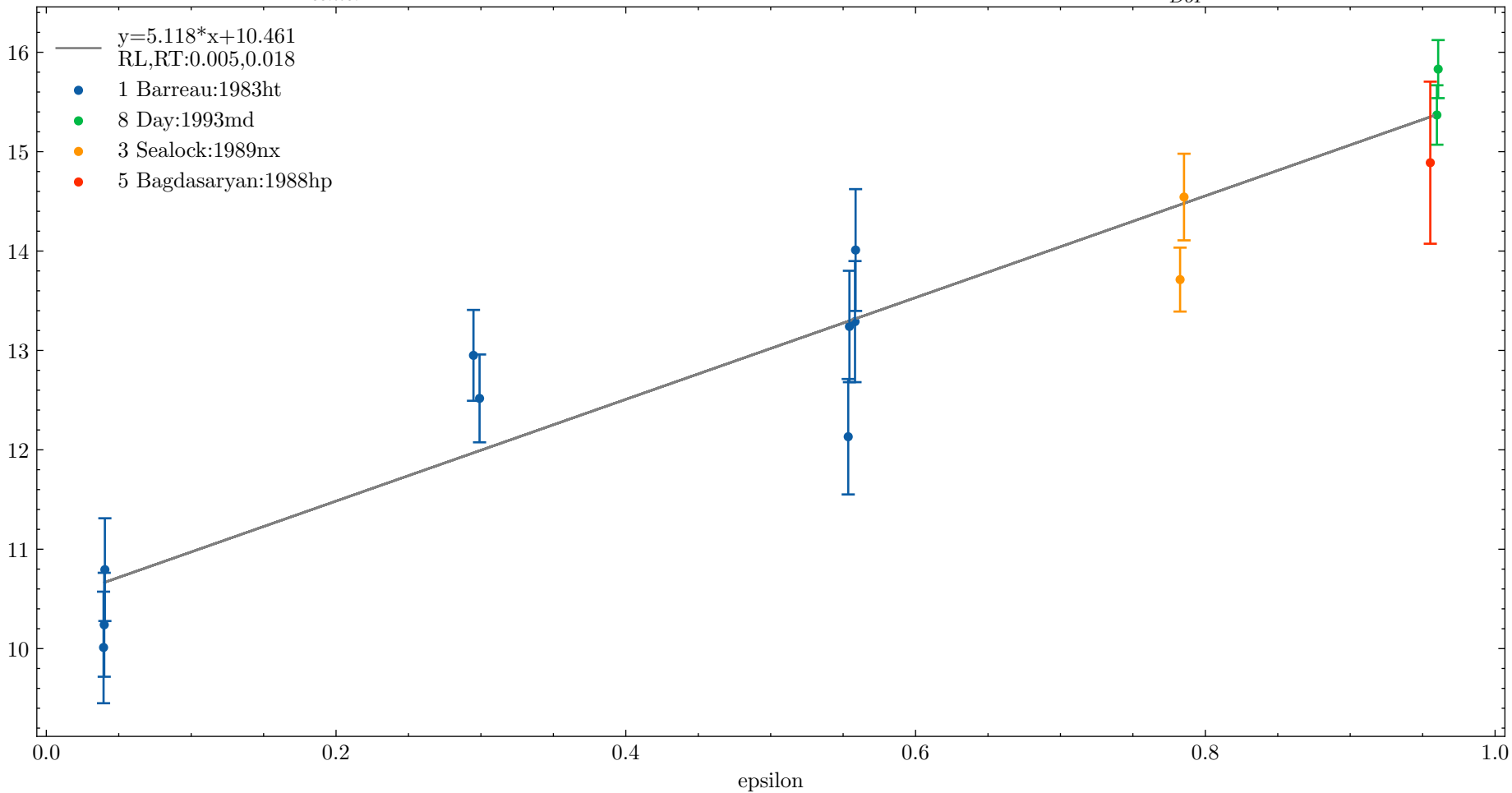
Q_{center}^3 :0.57 Ex:0.187 nu:0.2 RL,RT error: 0.000386,0.000416 χ^2 :17.8 DoF:13 $\frac{\chi^2}{DoF}$:1.4

H_{bc}



Q_{center}^3 :0.57 Ex:0.208 nu:0.22 RL,RT error: 0.000357,0.000432 χ^2 :21.6 DoF:12 $\frac{\chi^2}{DoF}$:1.8

H_{bc}



Q_{center}^3 :0.57 Ex:0.228 nu:0.24 RL,RT error: 0.000389,0.000363 χ^2 :16.1 DoF:13 $\frac{\chi^2}{DoF}$:1.2

Hbc

- $y=4.203*x+9.228$
RL,RT:0.004,0.015
- 1 Barreau:1983ht
- 5 Bagdasaryan:1988hp
- 3 Sealock:1989nx
- 8 Day:1993md

0.0

0.2

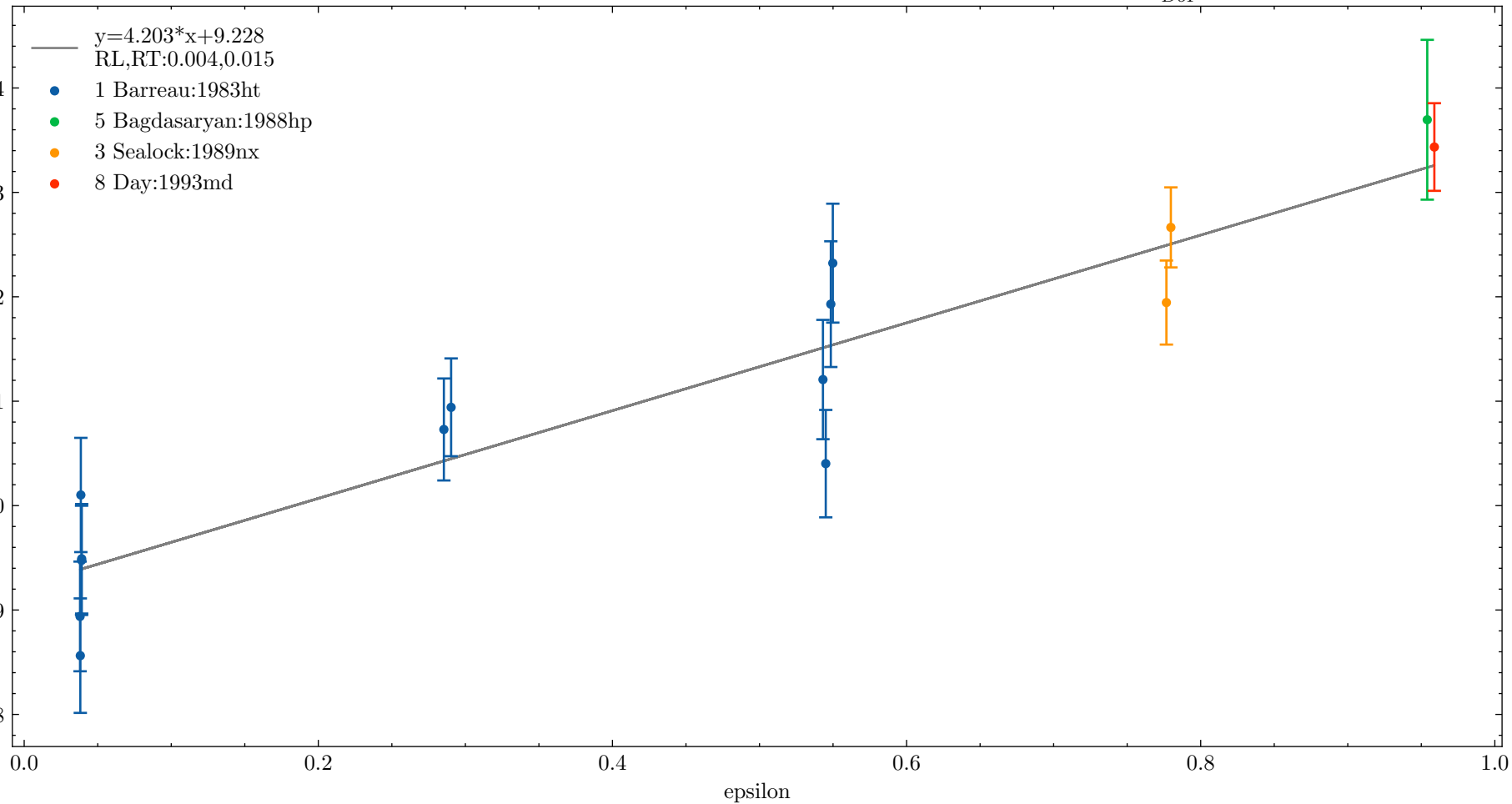
0.4

0.6

0.8

1.0

epsilon

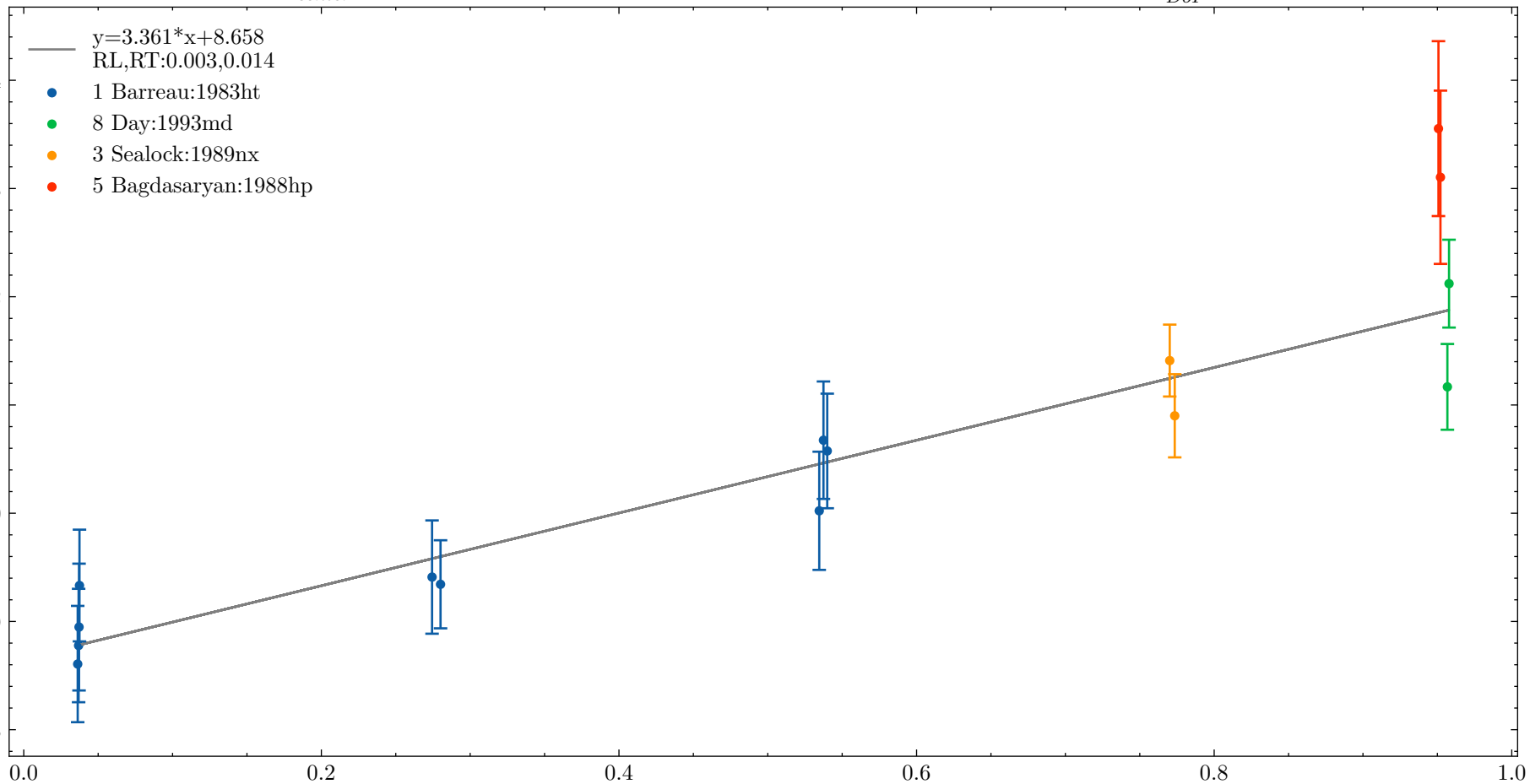


Q_{center}^3 :0.57 Ex:0.248 nu:0.26 RL,RT error: 0.000361,0.00037 χ^2 :14.1 DoF:13 $\frac{\chi^2}{DoF}$:1.1

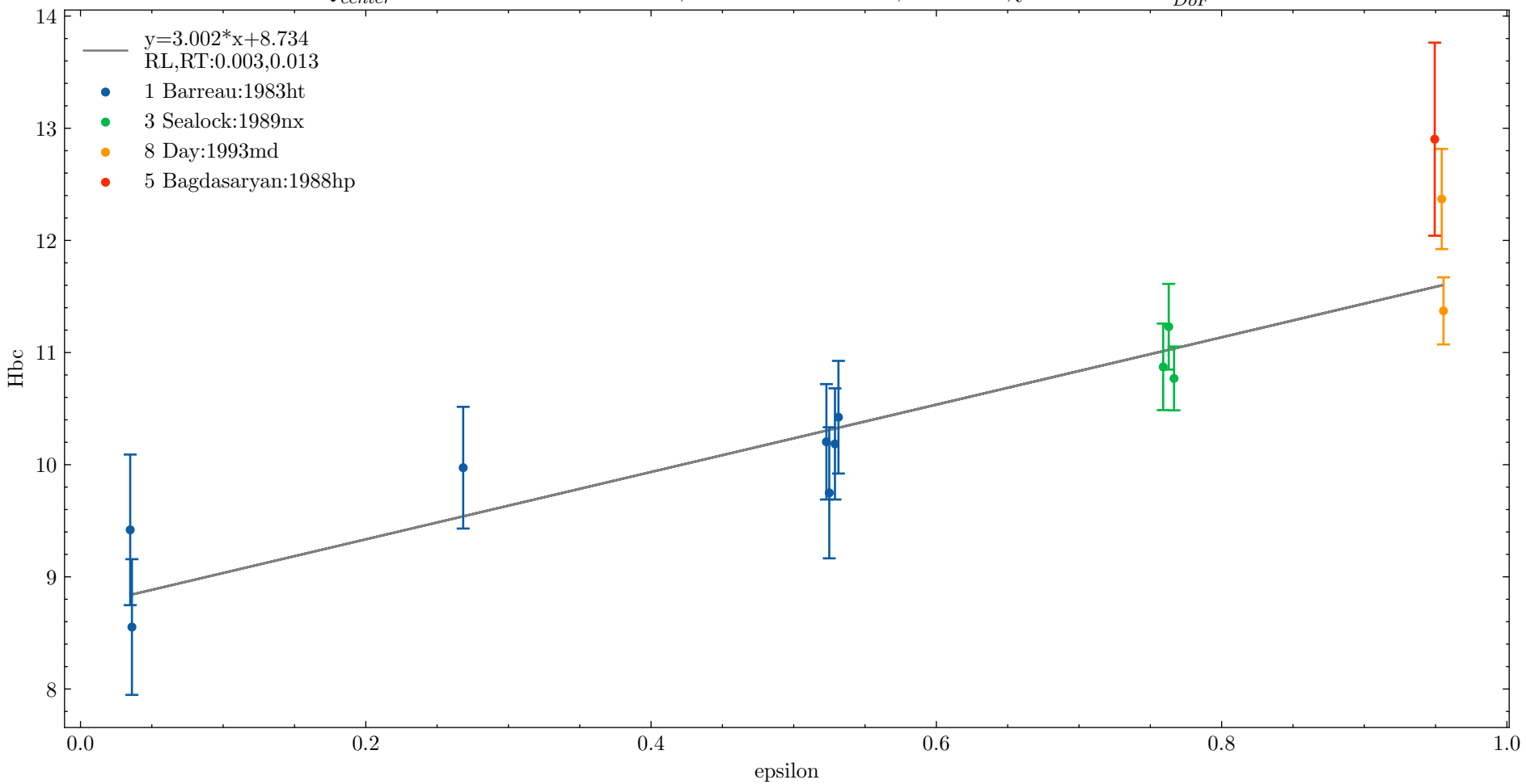
H_bc

epsilon

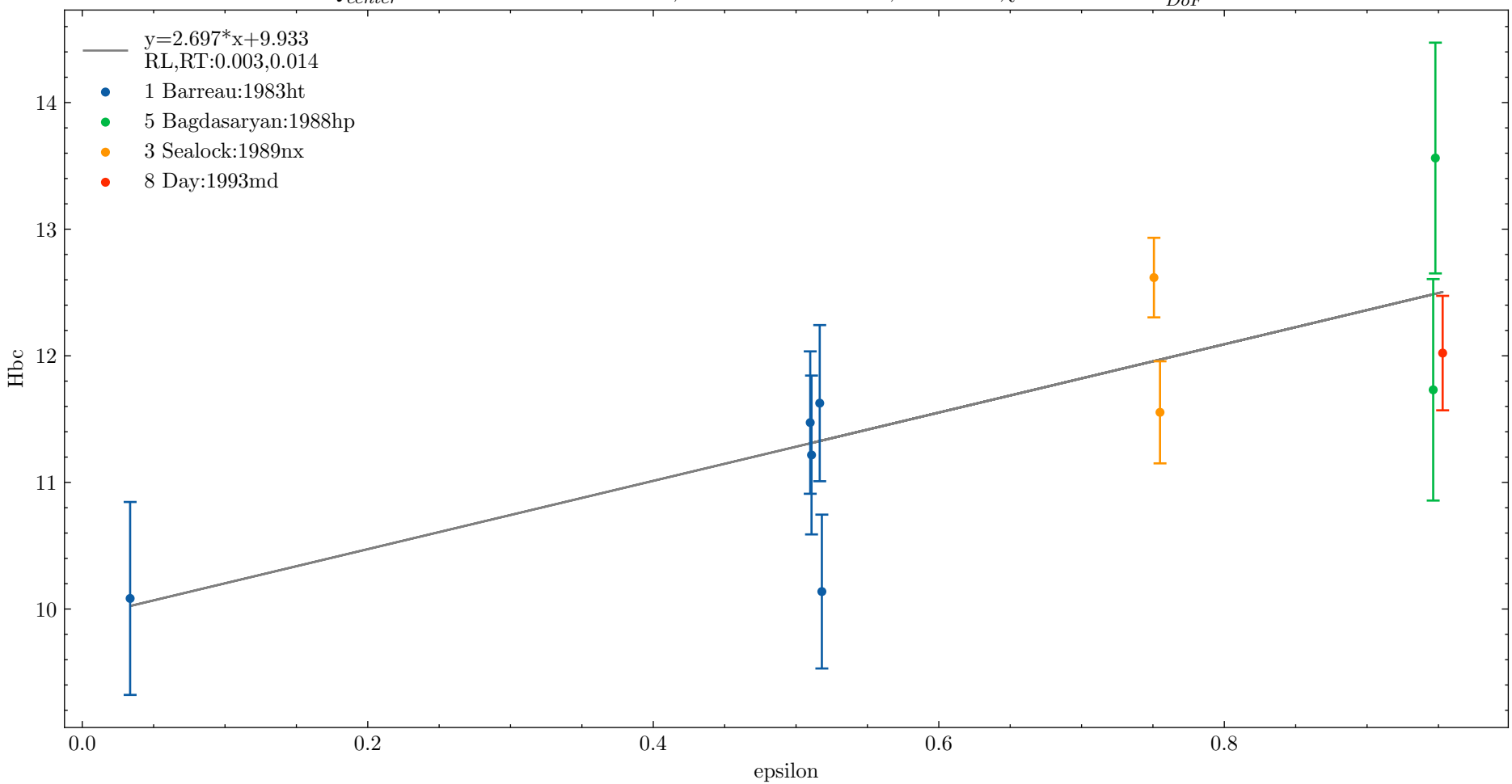
- $y=3.361*x+8.658$
RL,RT:0.003,0.014
- 1 Barreau:1983ht
- 8 Day:1993md
- 3 Sealock:1989nx
- 5 Bagdasaryan:1988hp



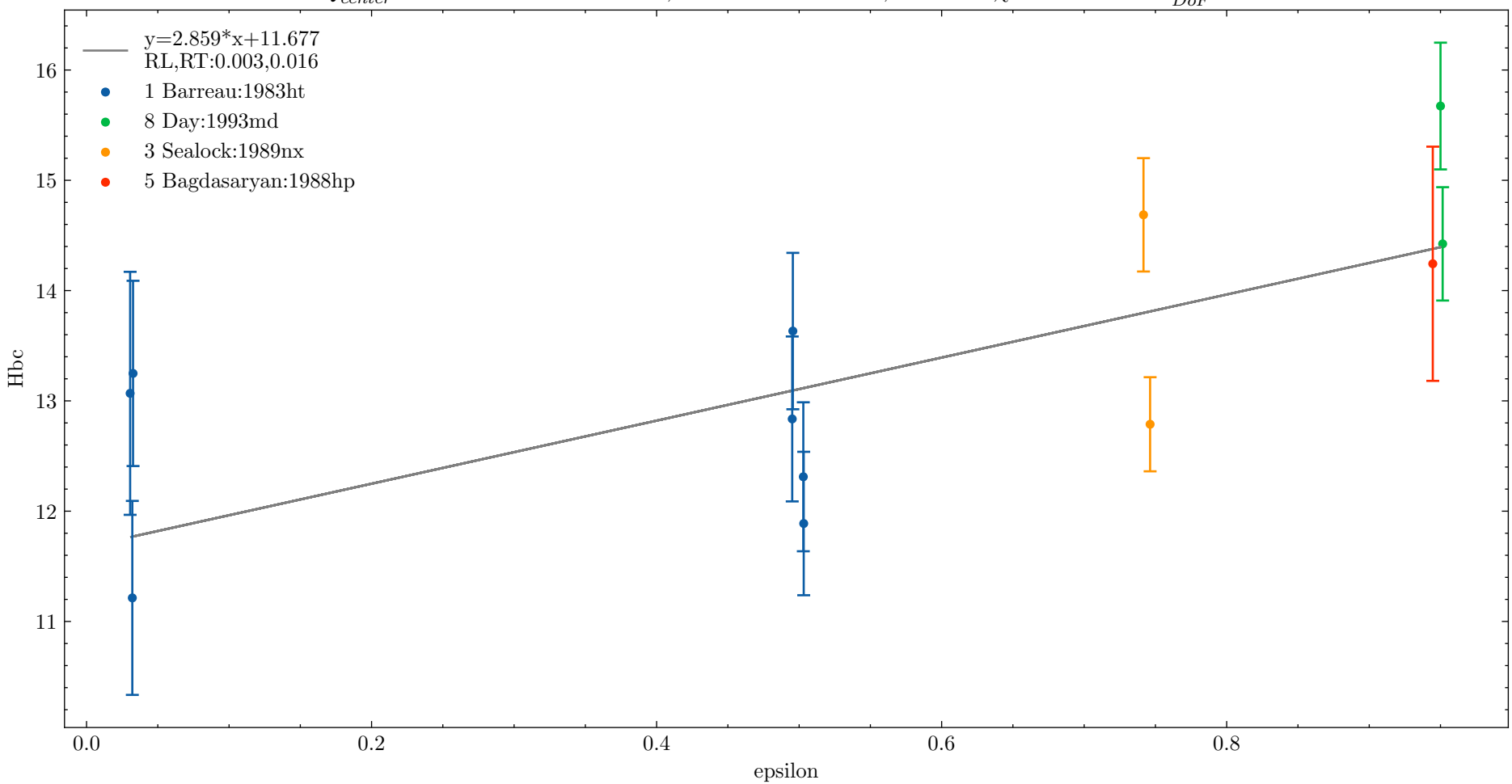
Q_{center}^3 :0.57 Ex:0.269 nu:0.28 RL,RT error: 0.000472,0.000523 χ^2 :9.9 DoF:11 $\frac{\chi^2}{DoF}$:0.9



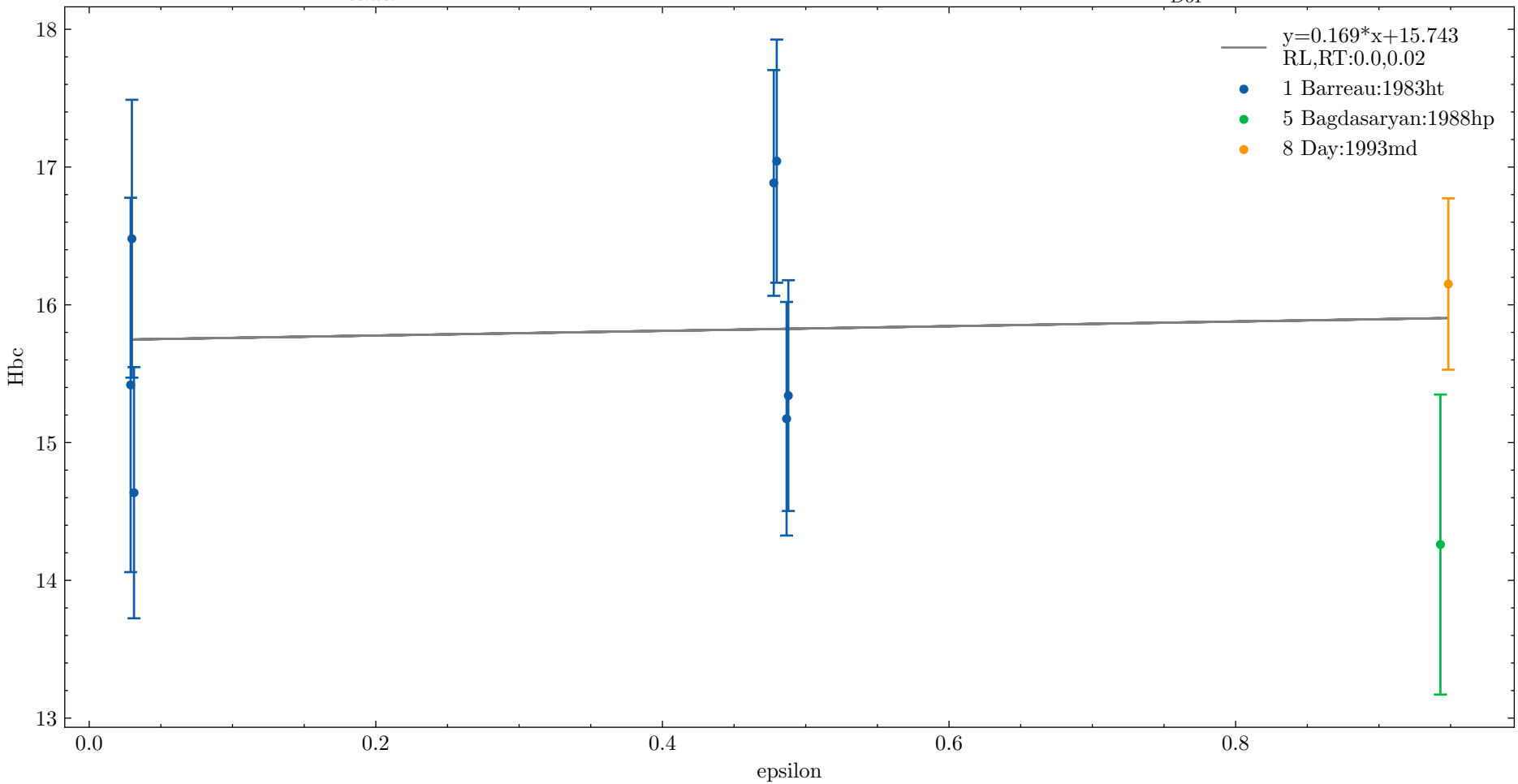
Q_{center}^3 :0.57 Ex:0.289 nu:0.3 RL,RT error: 0.000778,0.000808 χ^2 :12.9 DoF:8 $\frac{\chi^2}{DoF}$:1.6



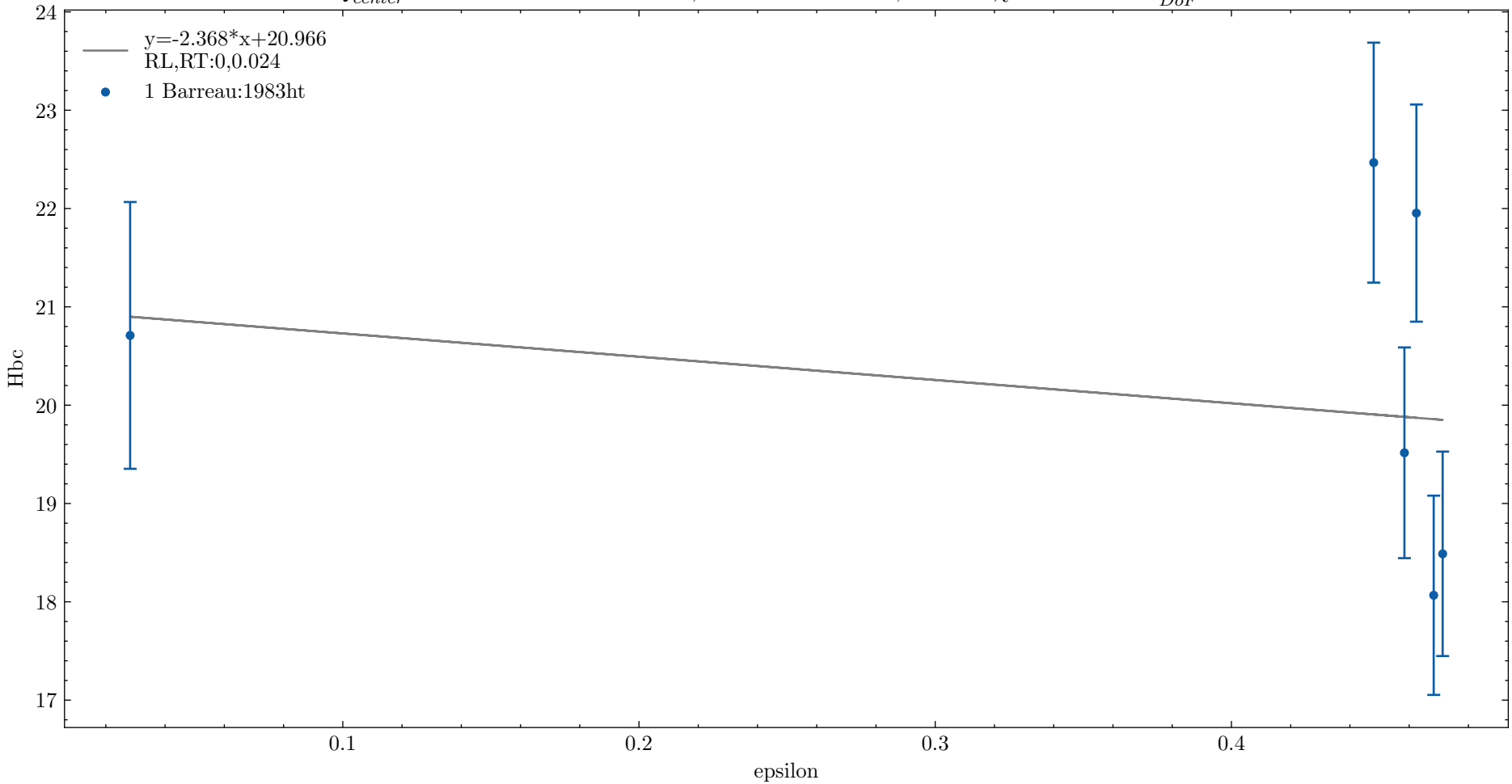
Q_{center}^3 :0.57 Ex:0.31 nu:0.32 RL,RT error: 0.000658,0.000631 χ^2 :24.3 DoF:10 $\frac{\chi^2}{DoF}$:2.4



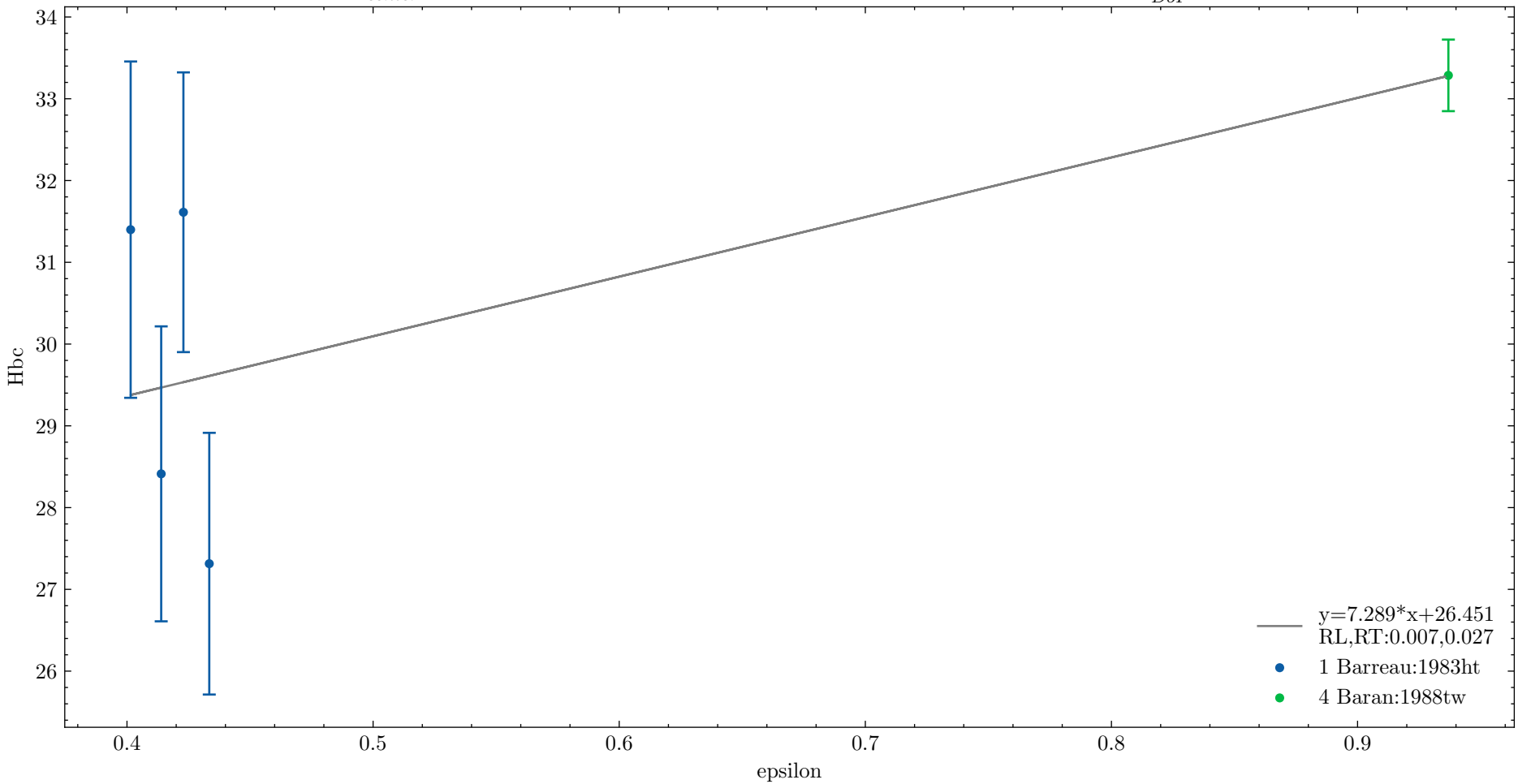
Q^3_{center} :0.57 Ex:0.331 nu:0.34 RL,RT error: 0.000881,0.000694 χ^2 :9.0 DoF:7 $\frac{\chi^2}{DoF}$:1.3



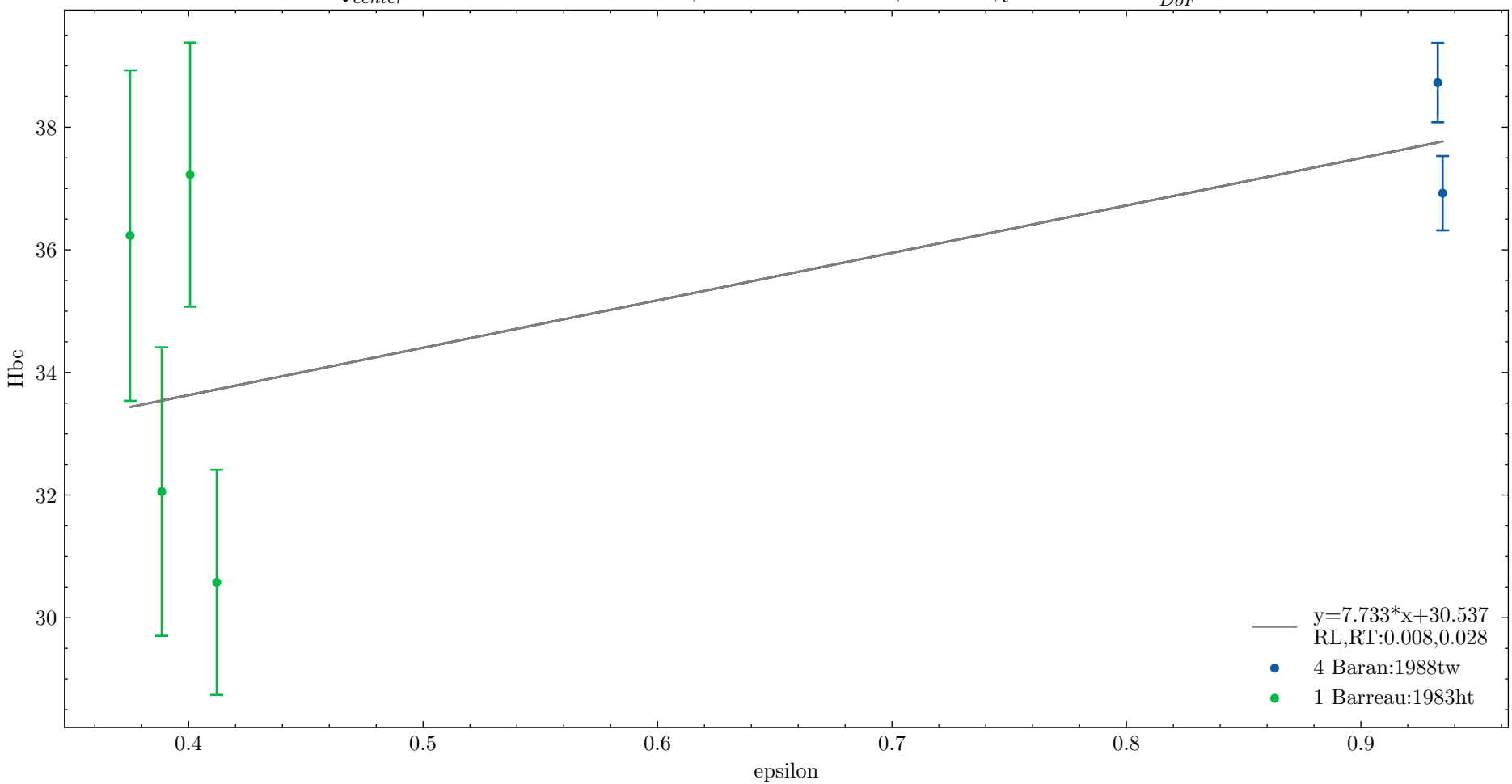
Q_{center}^3 :0.57 Ex:0.351 nu:0.36 RL,RT error: 0.00331,0.00174 χ^2 :12.9 DoF:4 $\frac{\chi^2}{DoF}$:3.2



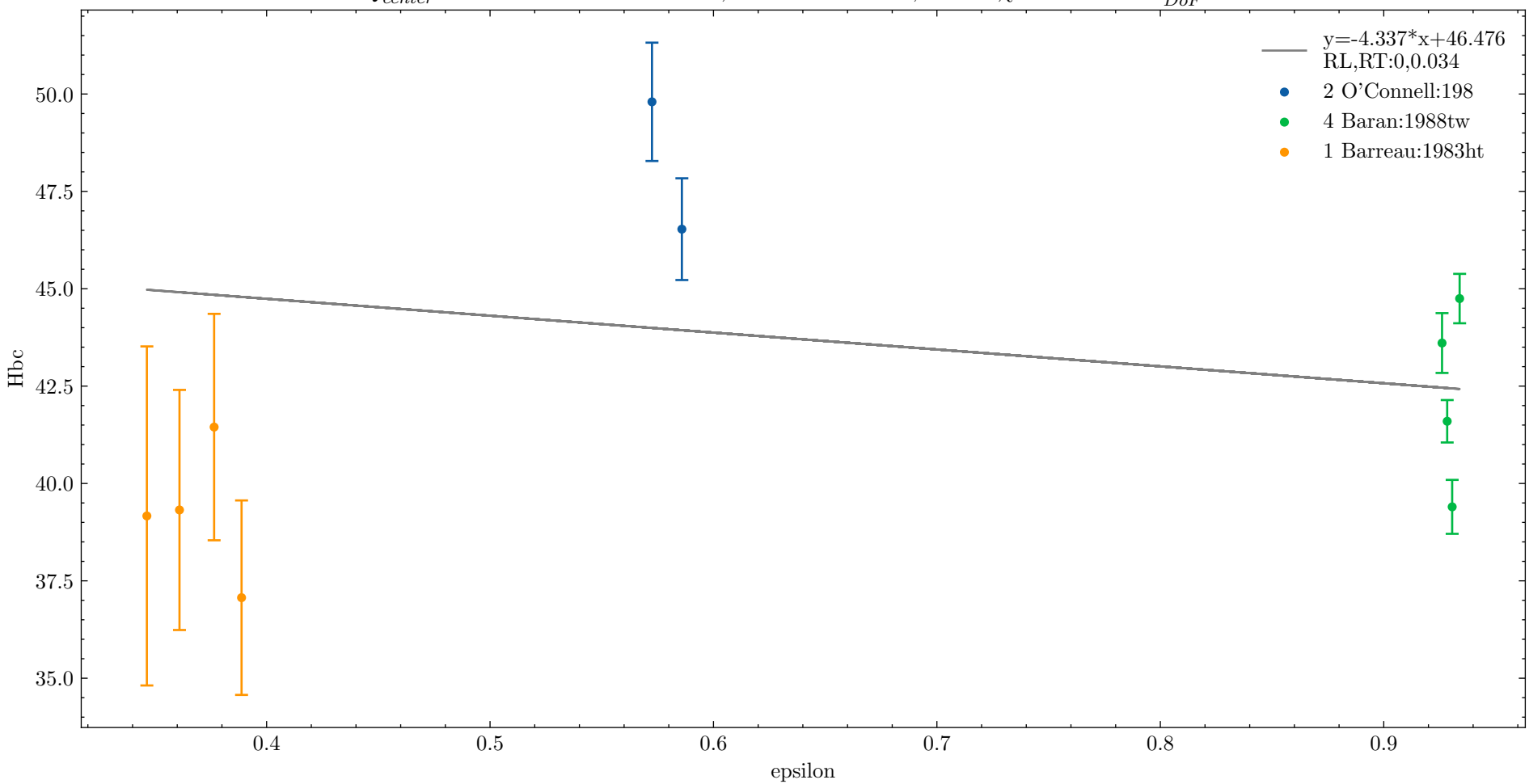
Q_{center}^3 :0.57 Ex:0.393 nu:0.4 RL,RT error: 0.00191,0.00167 χ^2 :4.8 DoF:3 $\frac{\chi^2}{DoF}$:1.6



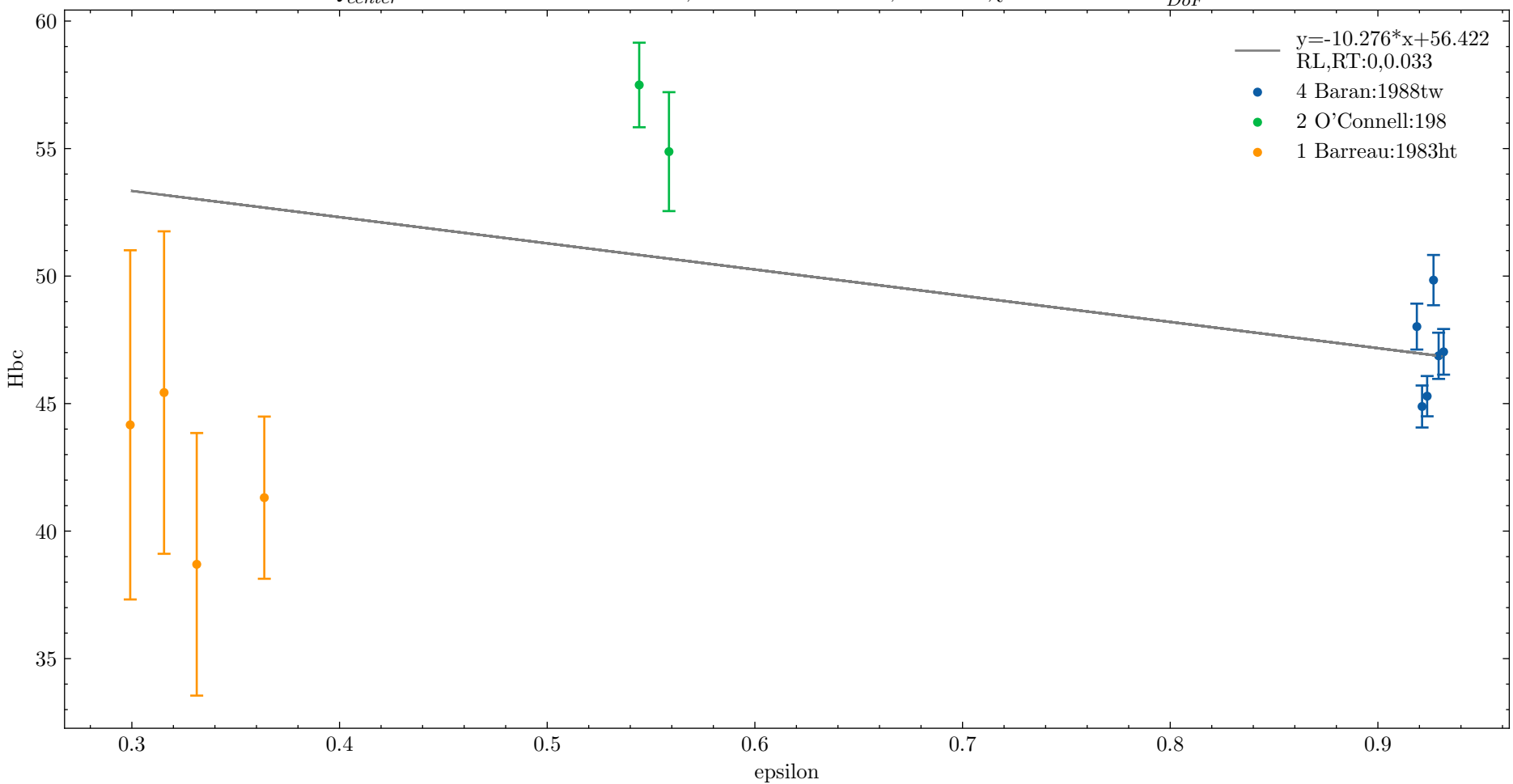
Q_{center}^3 :0.57 Ex:0.413 nu:0.42 RL,RT error: 0.00221,0.00177 χ^2 :11.4 DoF:4 $\frac{\chi^2}{DoF}$:2.9



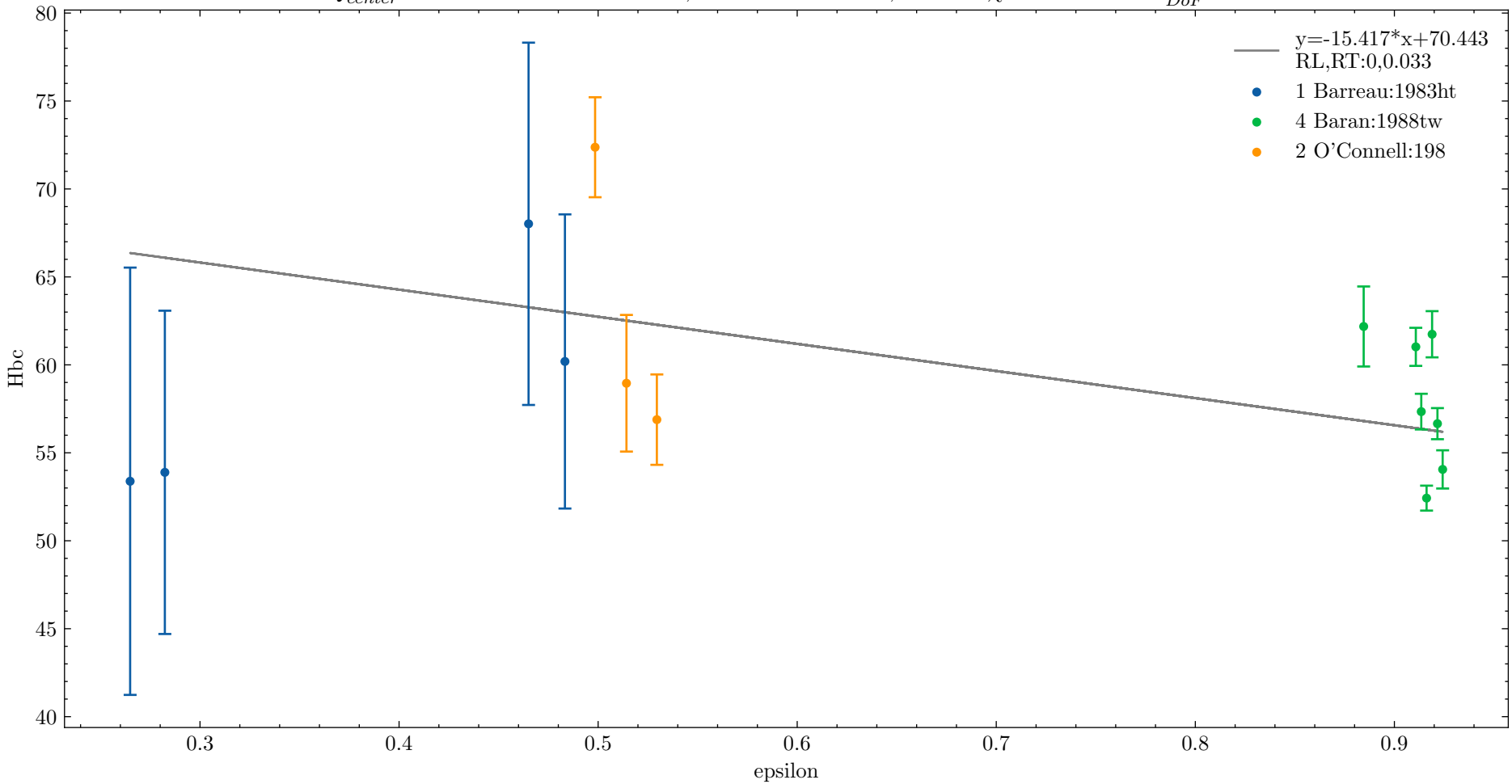
Q_{center}^3 :0.57 Ex:0.434 nu:0.44 RL,RT error: 0.0021,0.0015 χ^2 :71.9 DoF:8 $\frac{\chi^2}{DoF}$:9.0



Q_{center}^3 :0.57 Ex:0.455 nu:0.46 RL,RT error: 0.00279,0.00175 χ^2 :64.2 DoF:10 $\frac{\chi^2}{DoF}$:6.4



Q^3_{center} :0.57 Ex:0.476 nu:0.48 RL,RT error: 0.00395,0.00207 χ^2 :96.3 DoF:12 $\frac{\chi^2}{DoF}$:8.0

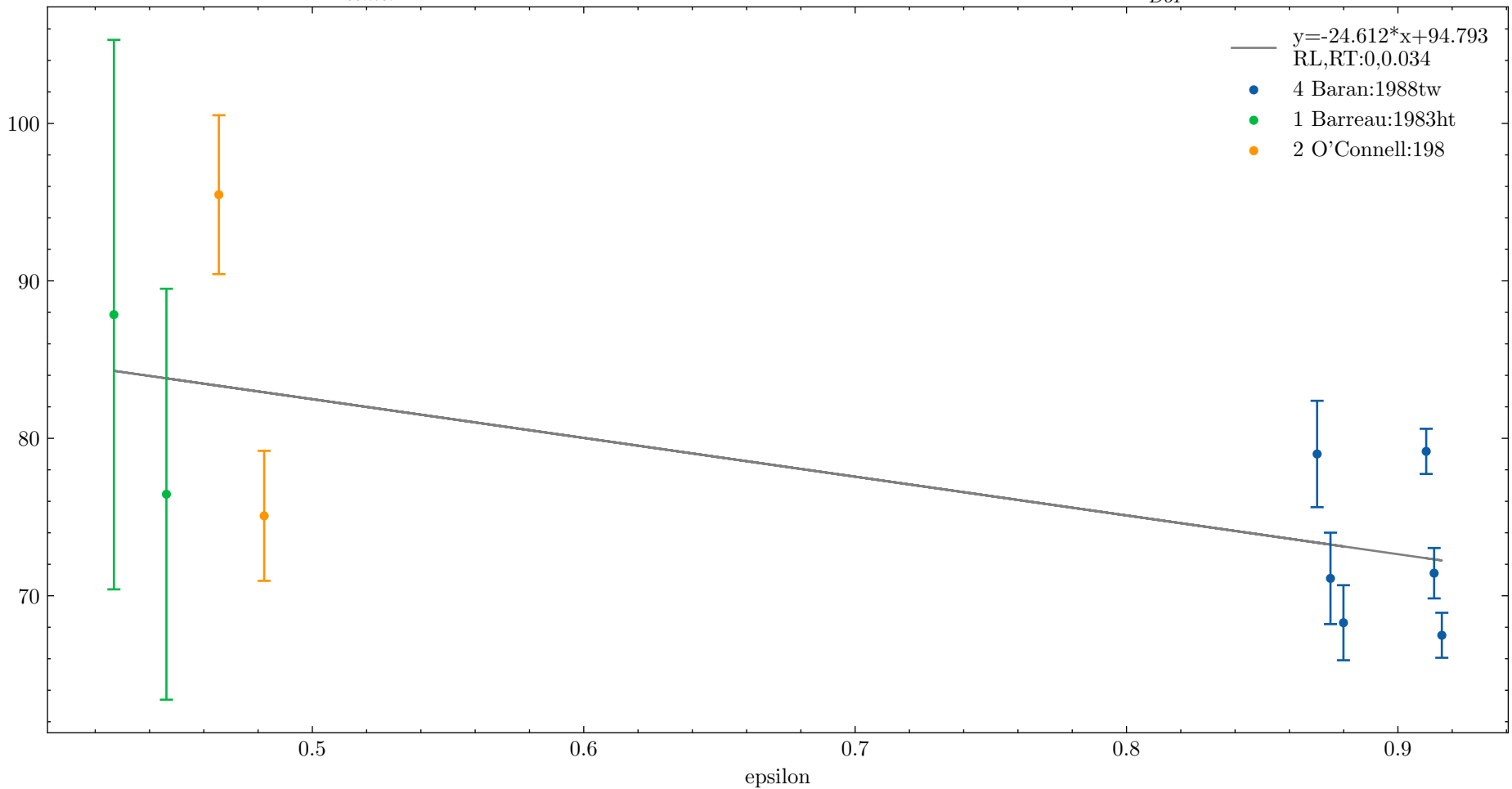


Q^3_{center} :0.57 Ex:0.497 nu:0.5 RL,RT error: 0.00719,0.00294 χ^2 :51.0 DoF:8 $\frac{\chi^2}{DoF}$:6.4

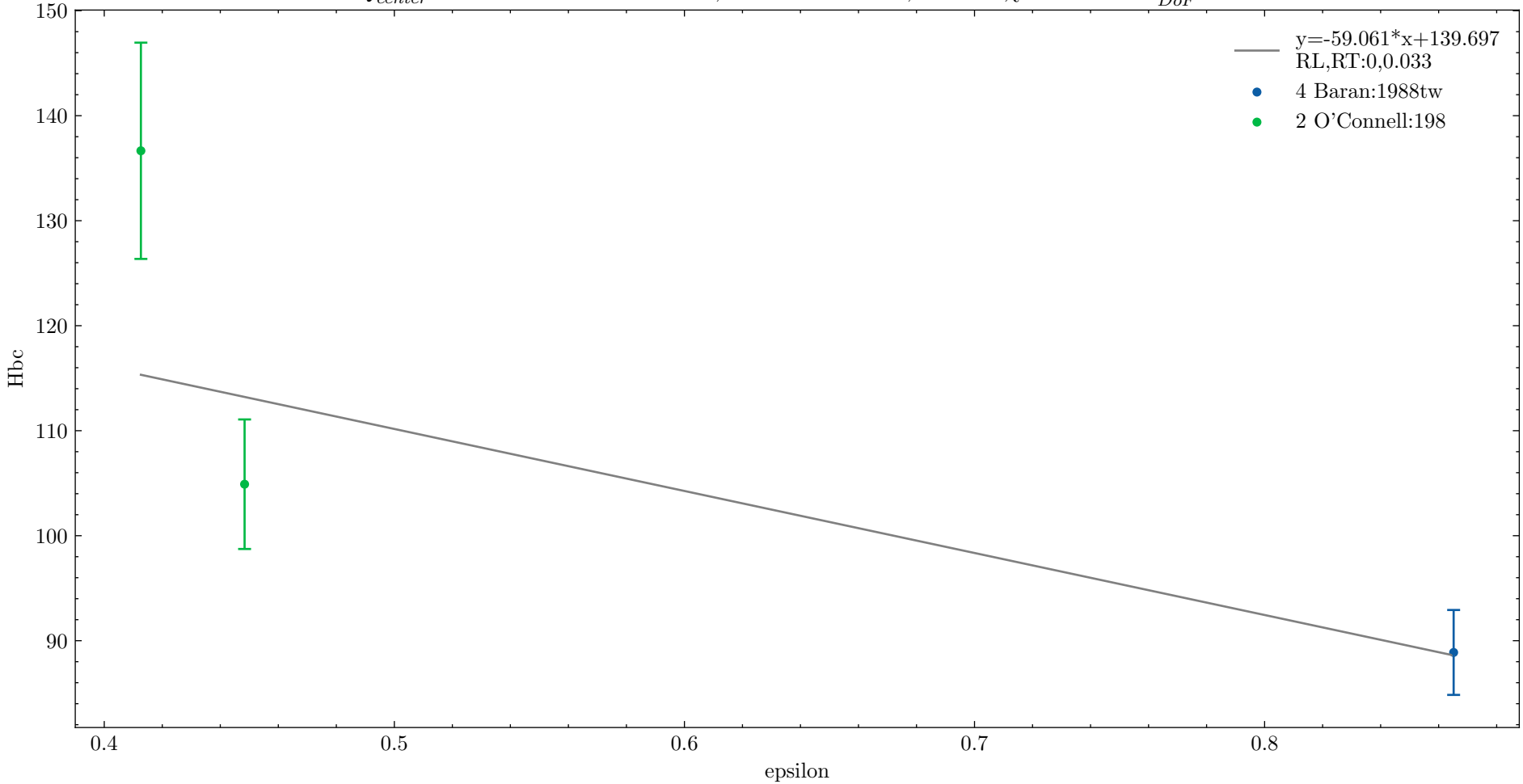
Hbc

- $y=-24.612 \cdot x+94.793$
RL,RT:0,0.034
- 4 Baran:1988tw
- 1 Barreau:1983ht
- 2 O'Connell:198

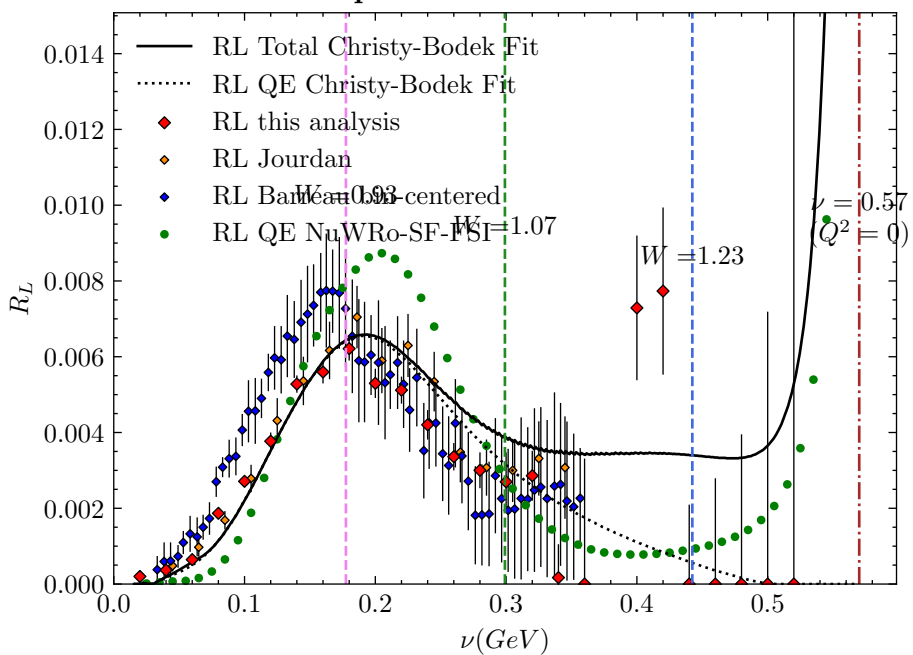
epsilon



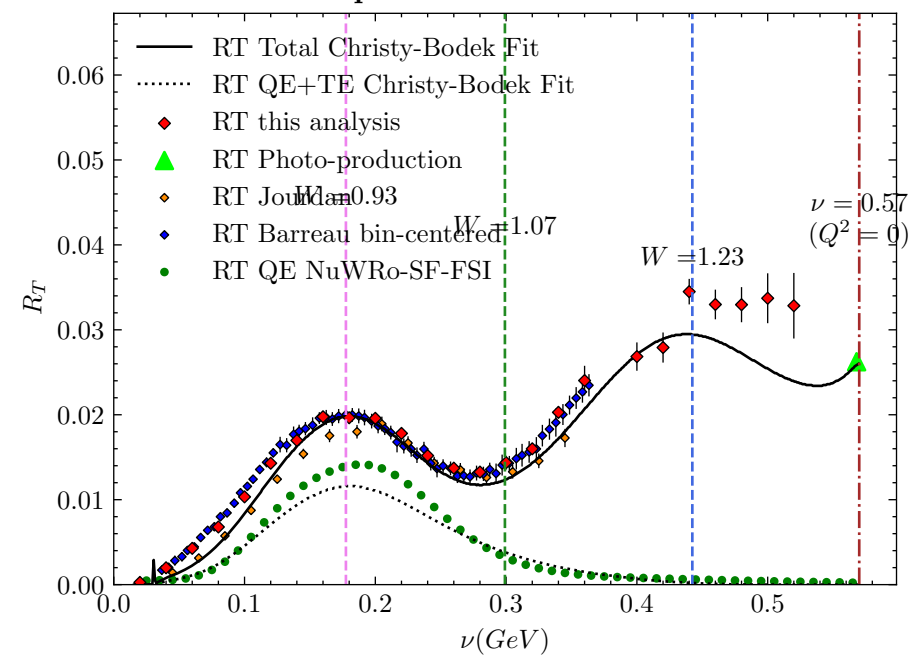
Q_{center}^3 :0.57 Ex:0.518 nu:0.52 RL,RT error: 0.0156,0.00386 χ^2 :6.1 DoF:1 $\frac{\chi^2}{DoF}$:6.1



$q = 0.57$ bin: 0.523 0.609



$q = 0.57$ bin: 0.523 0.609



χ^2/DoF

