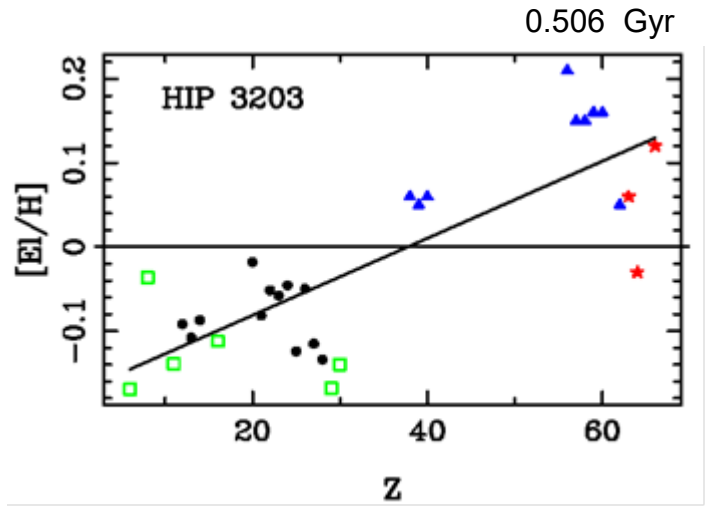
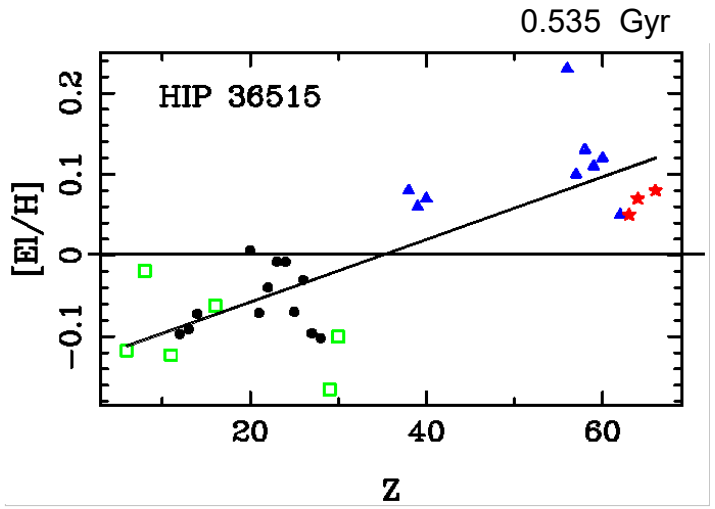
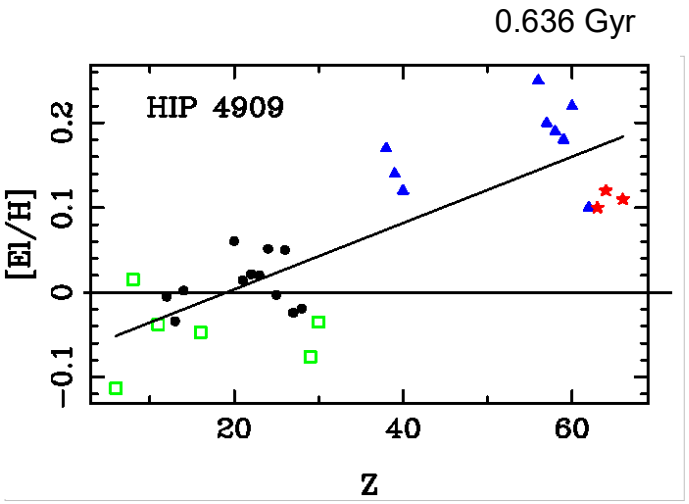
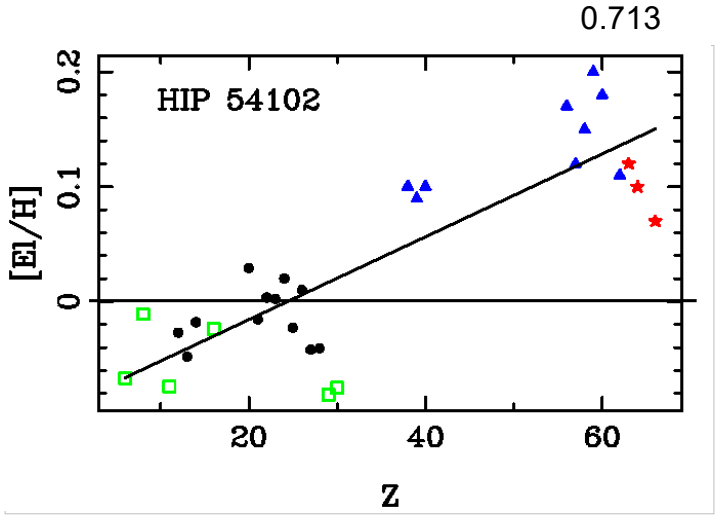
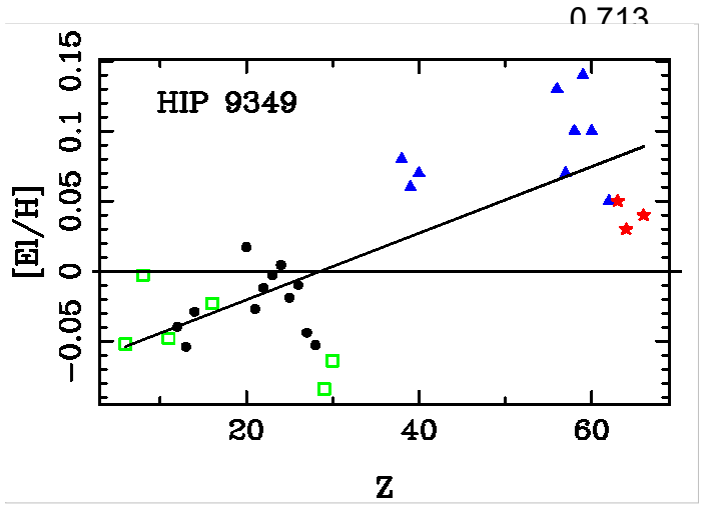
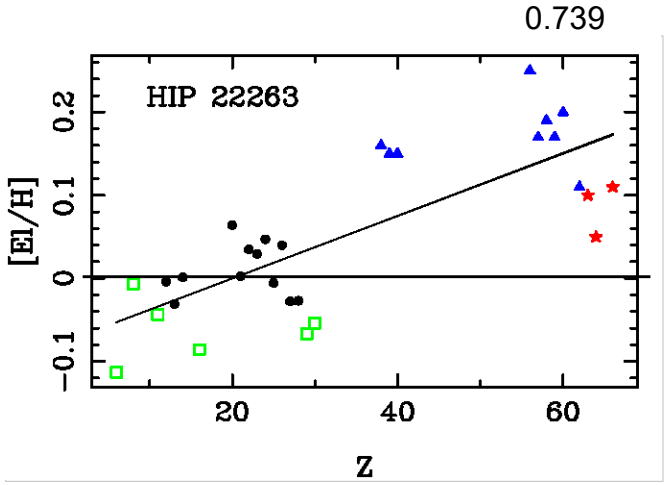


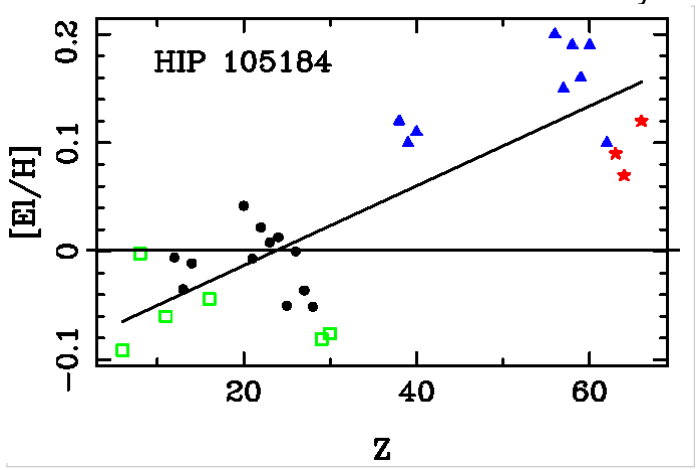



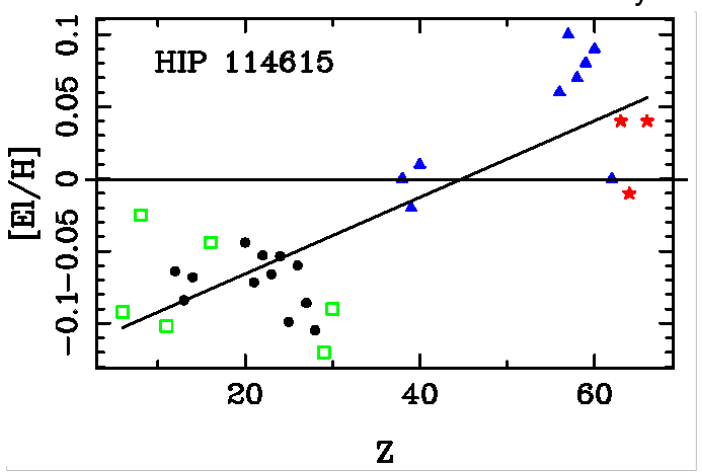




Note: The horizontal line marks [El/H] = 0.0. A least squares fit to all 30 elements is shown provided the fit is significant at the p = 0.01 level or better.

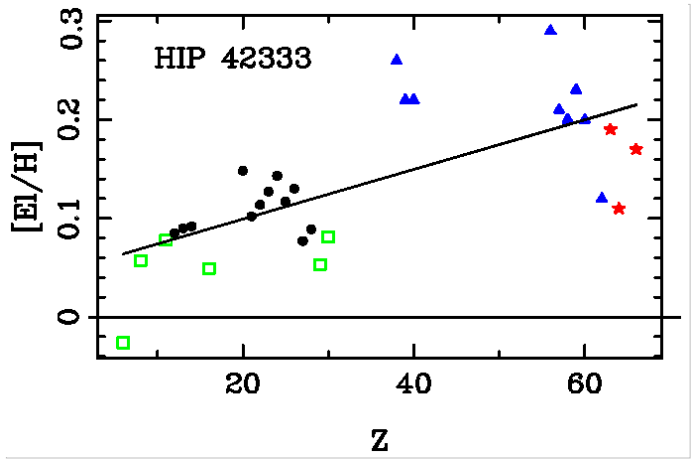
0.744 Gyr



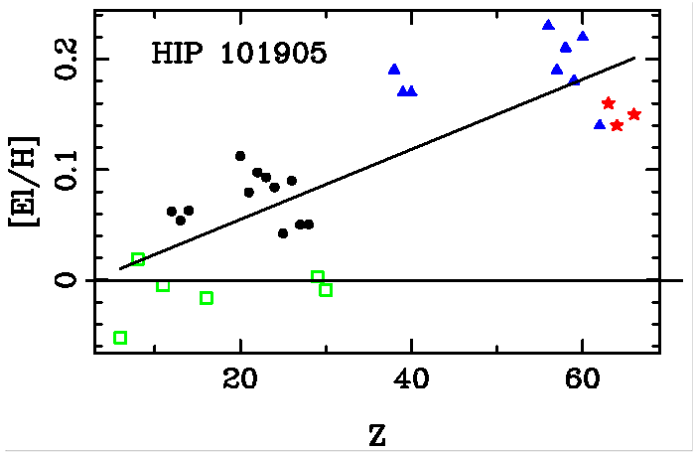

1.088 Gyr



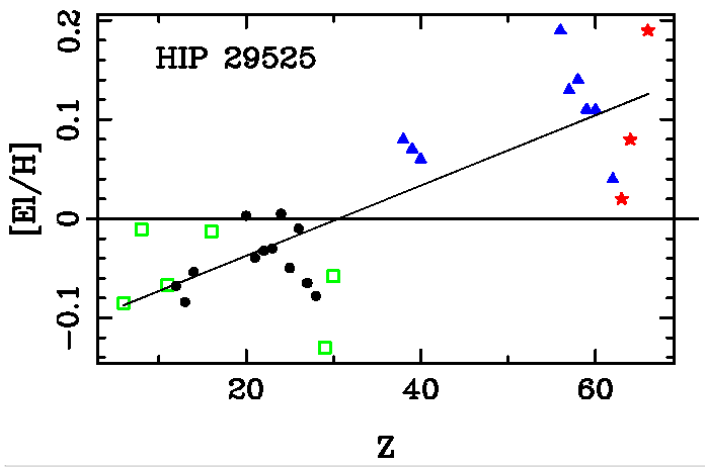

1.18 Gyr



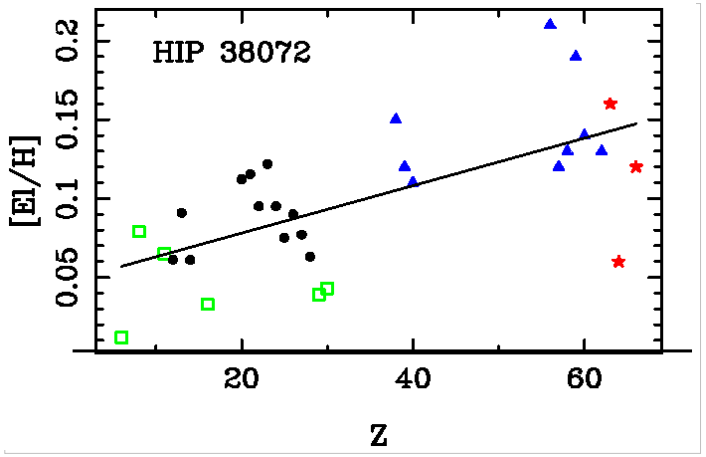

1.23

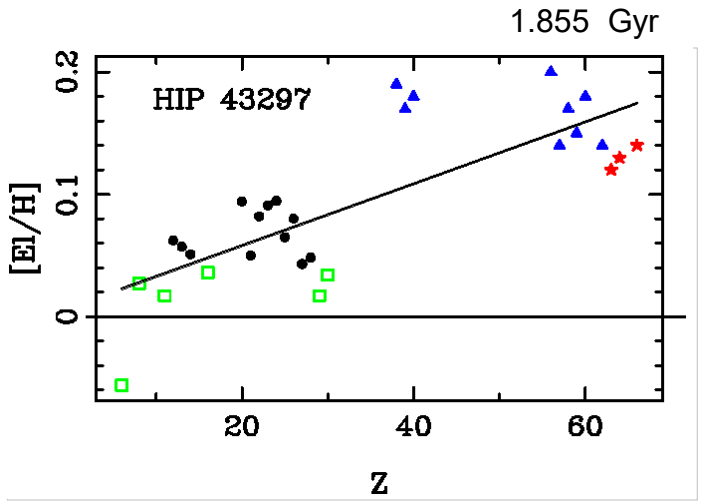


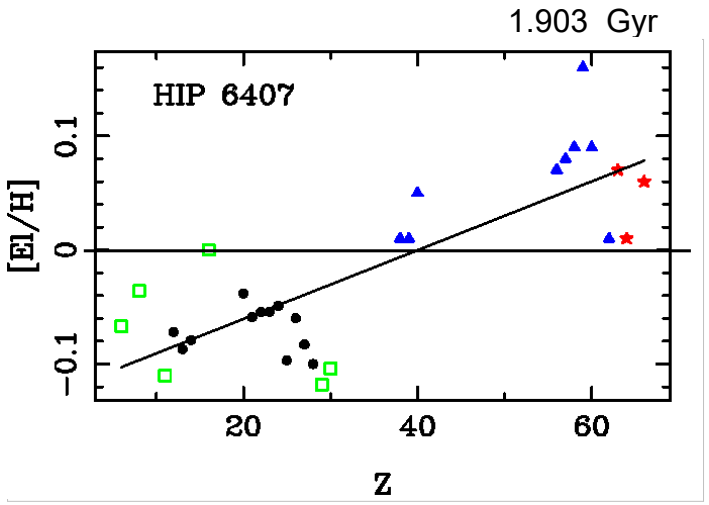

1.241

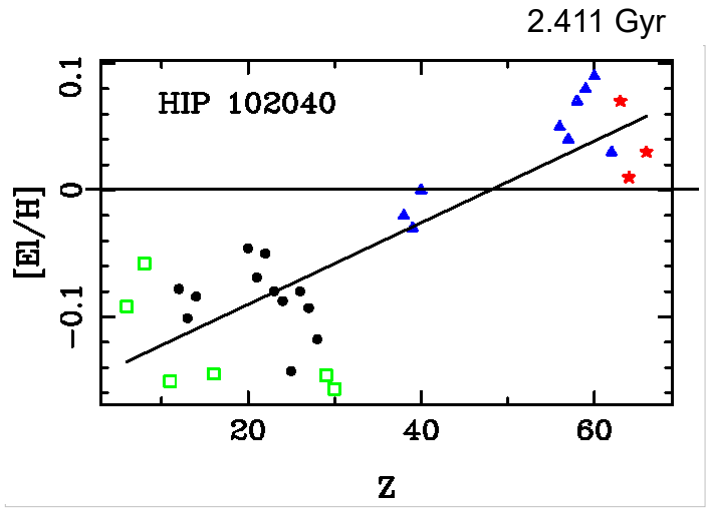


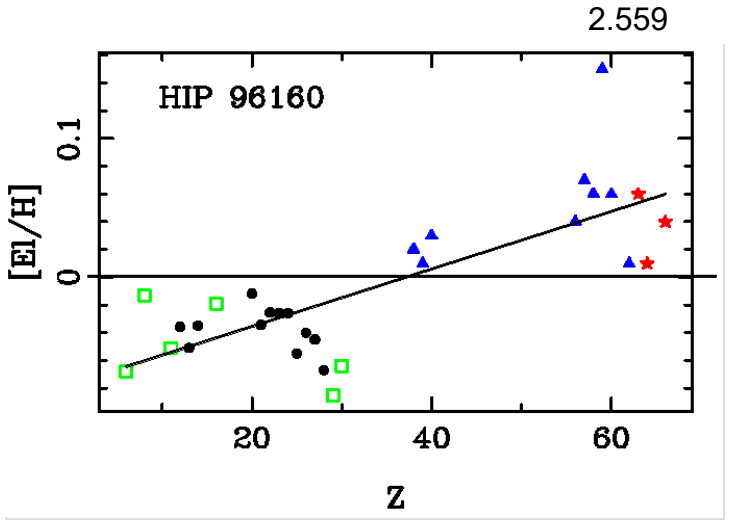

1.257

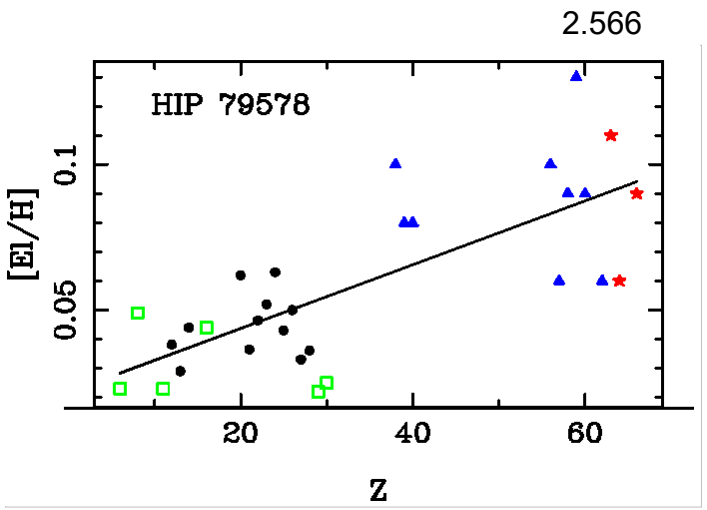


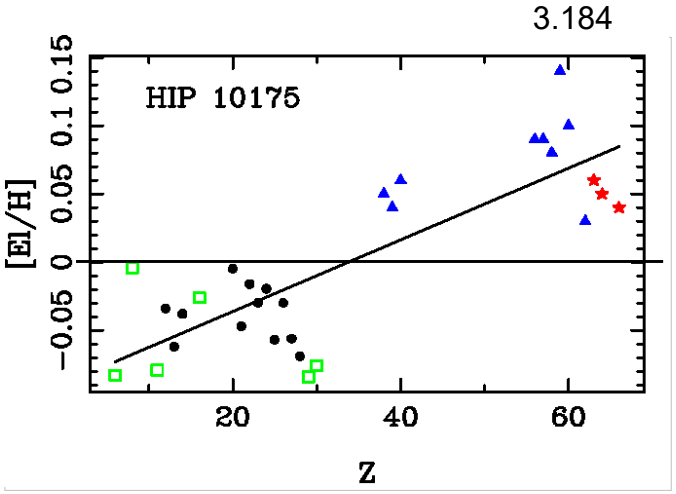


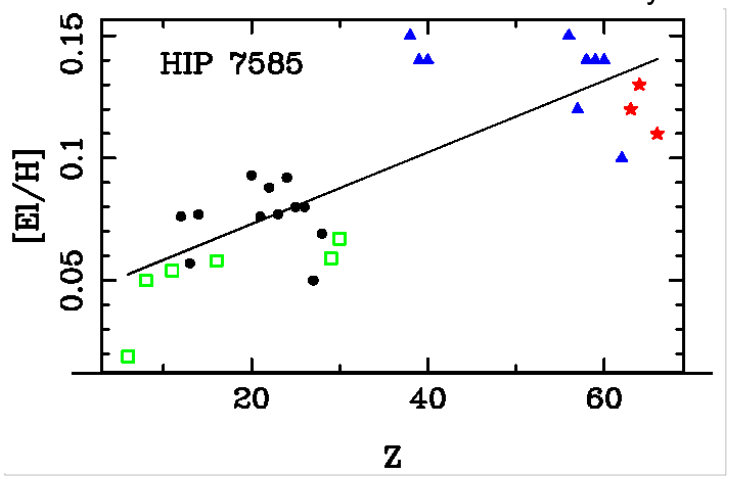



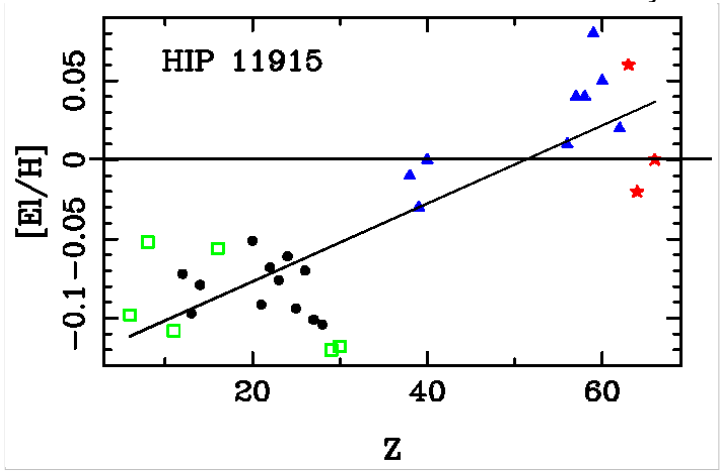




The point for Pr (Z = 59) is often a high outlier. The Pr II lines which were used for the abundance has

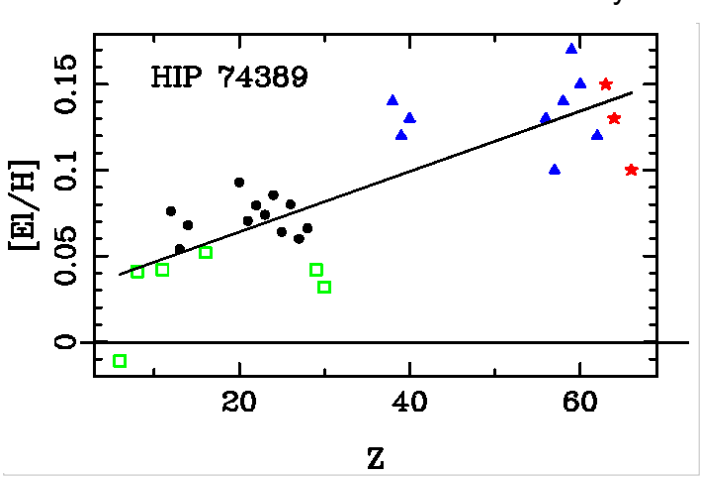
3.311 Gyr



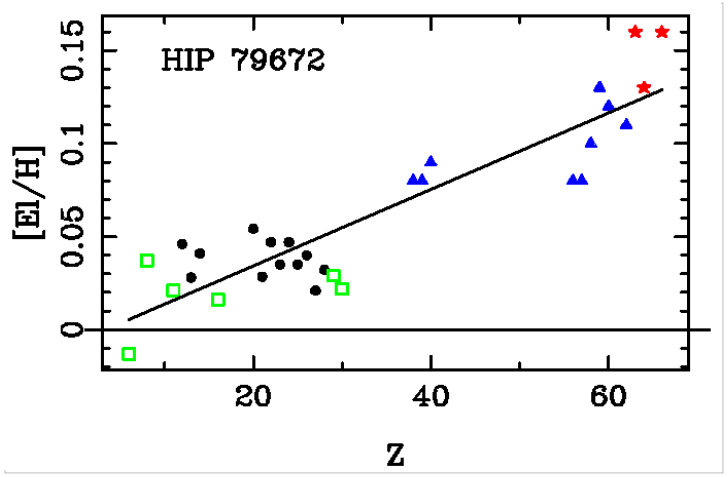

3.444 Gyr



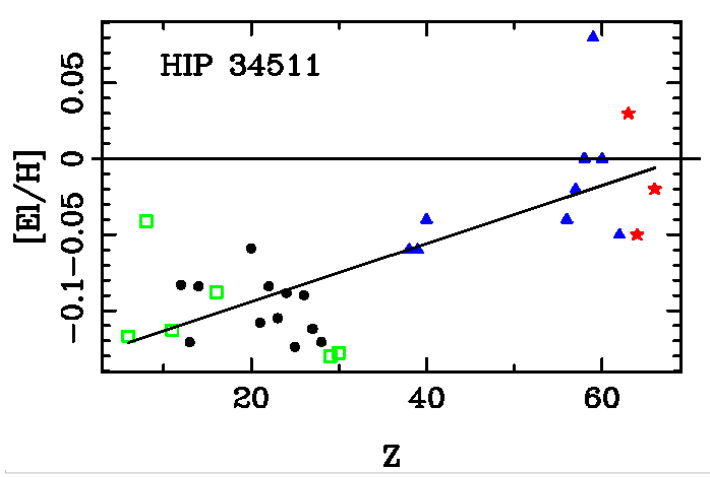

3.664 Gyr



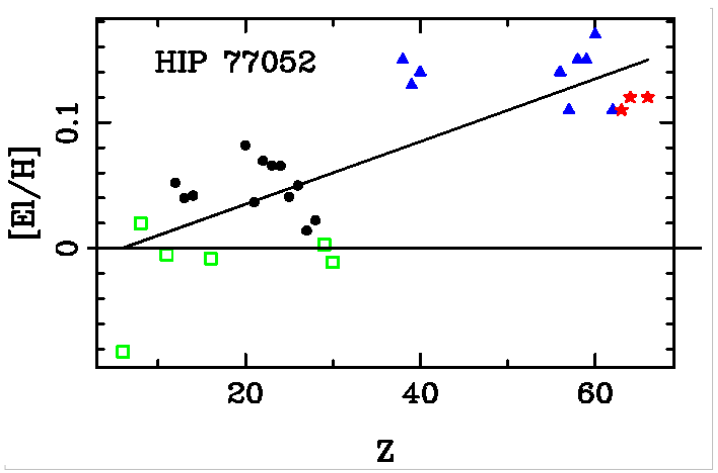

4.04



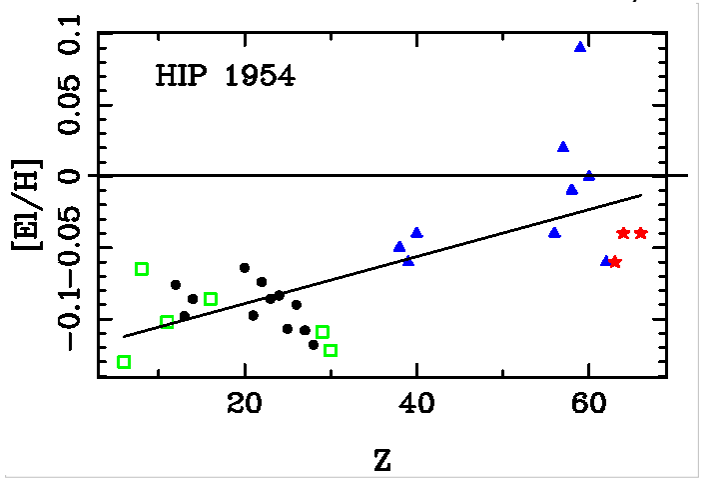

4.099



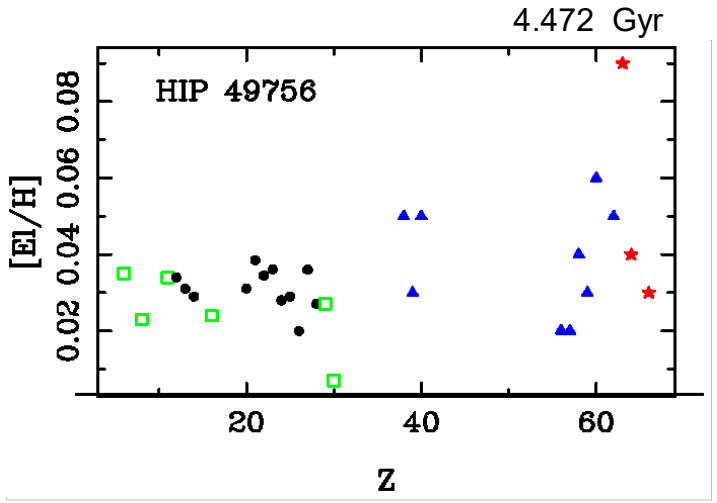

4.136



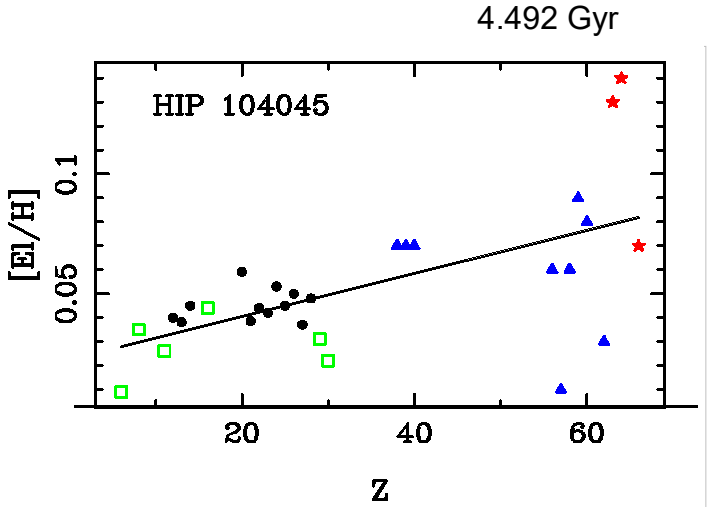
4.447 Gyr



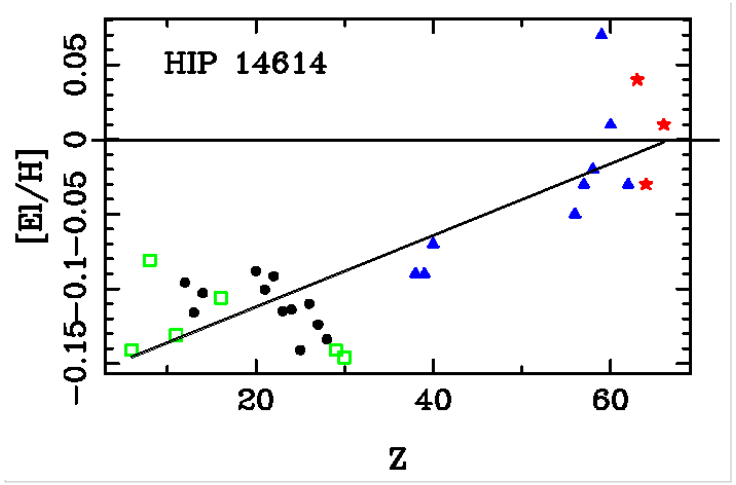

4.472 Gyr



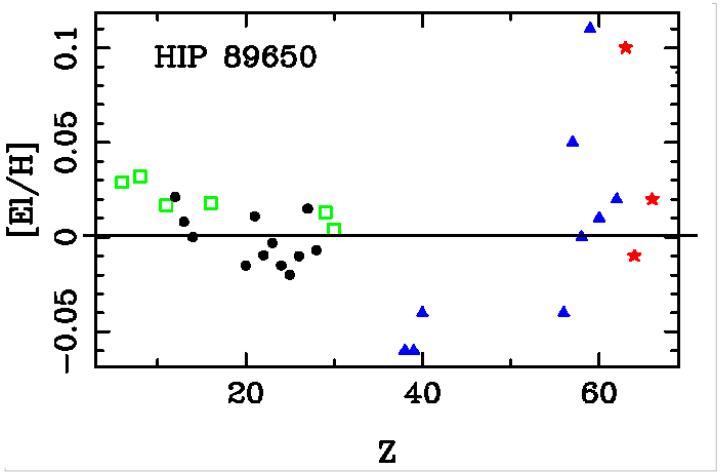

4.492 Gyr



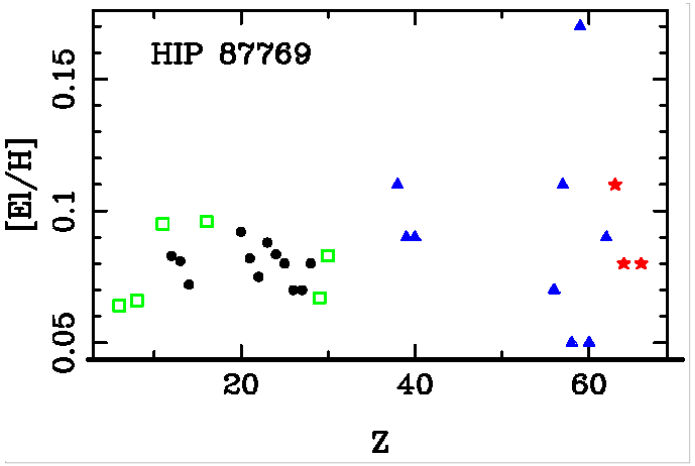

4.552



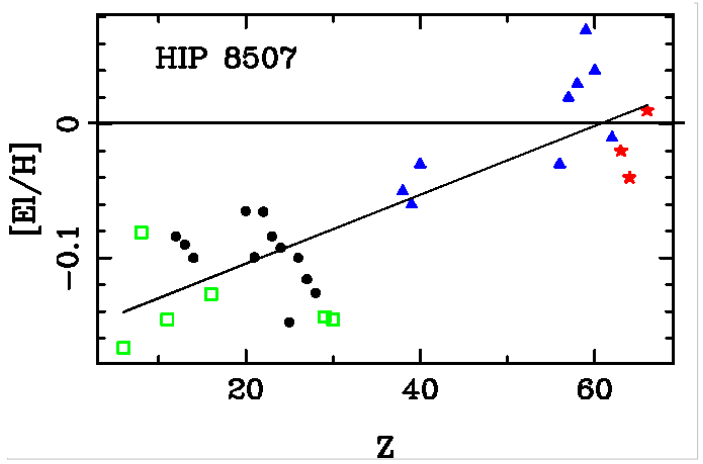

4.578



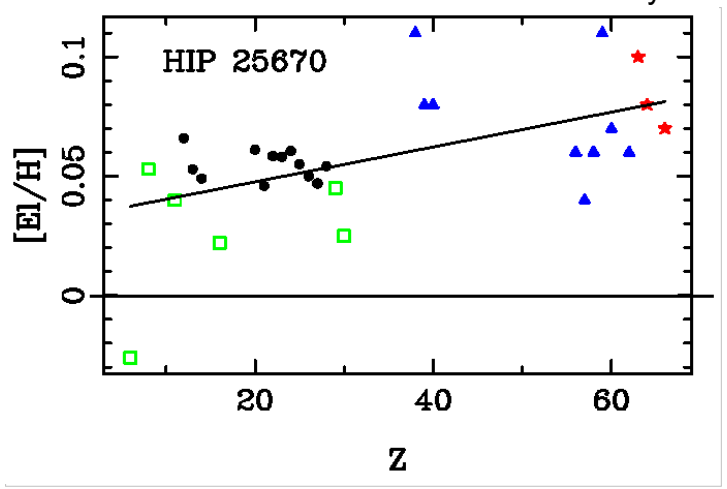

4.611



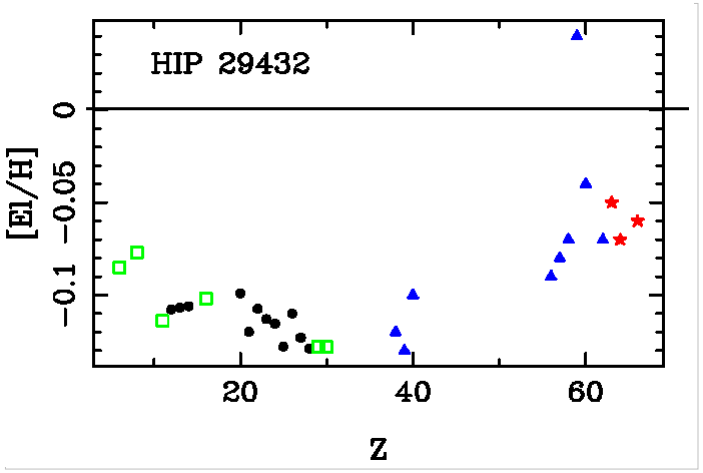
4.778 Gyr



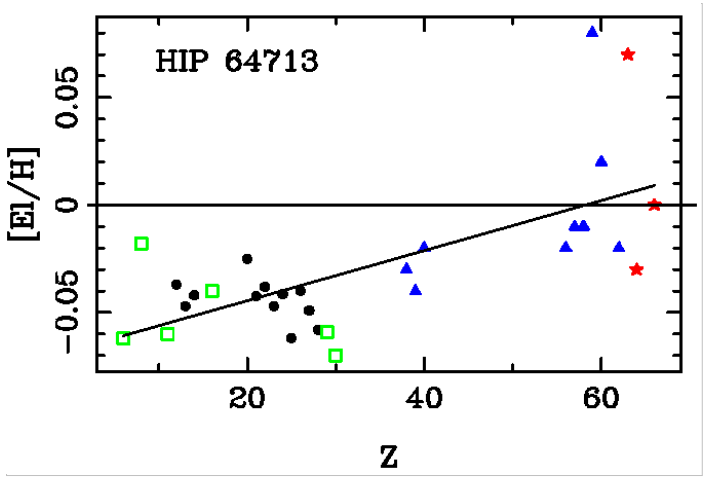

4.85 Gyr



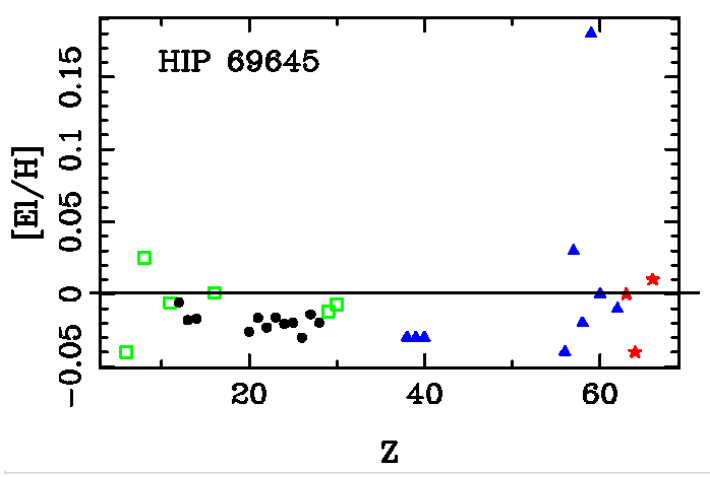

5.225 Gyr



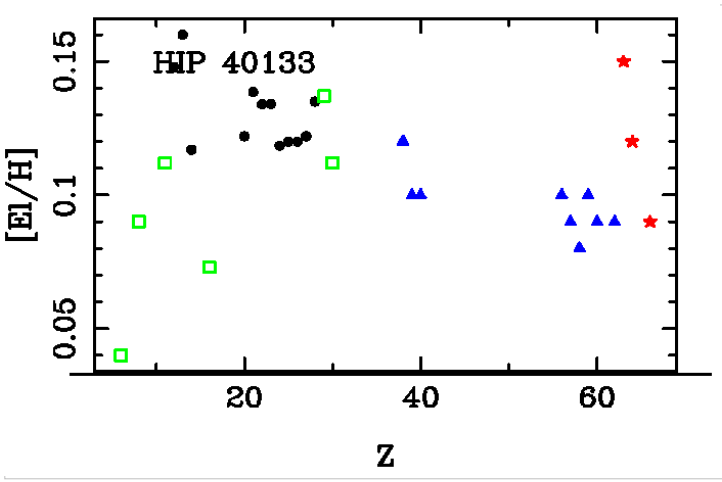

5.254

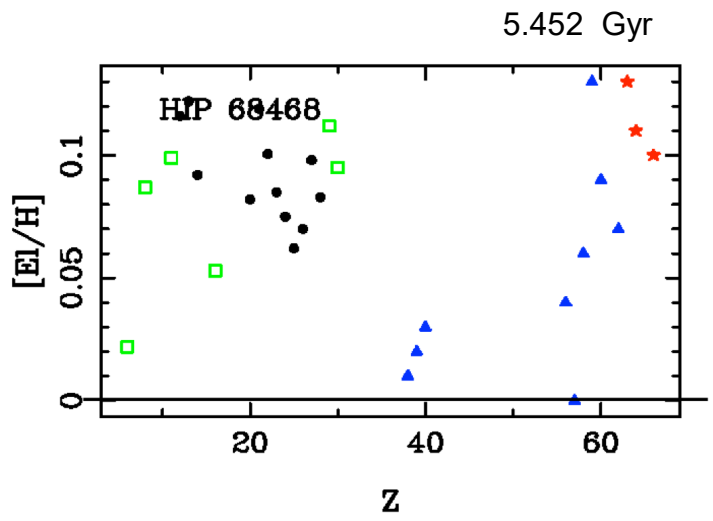


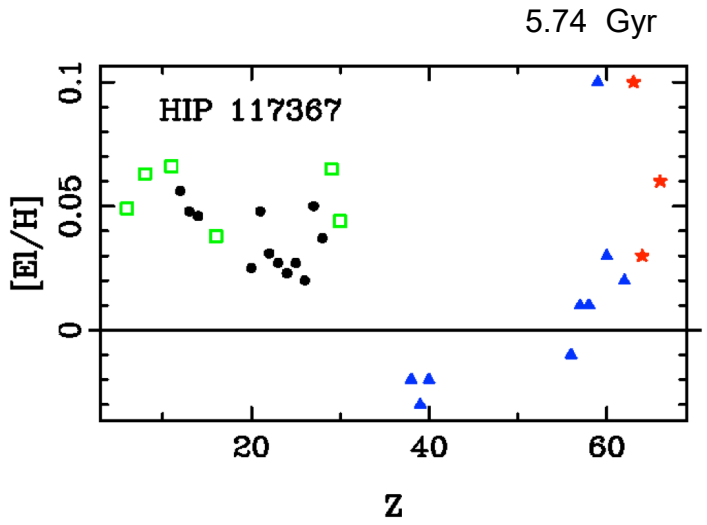

5.296

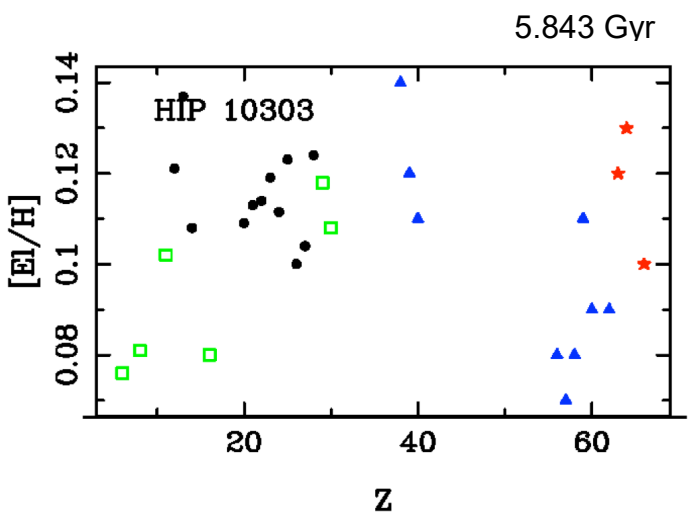


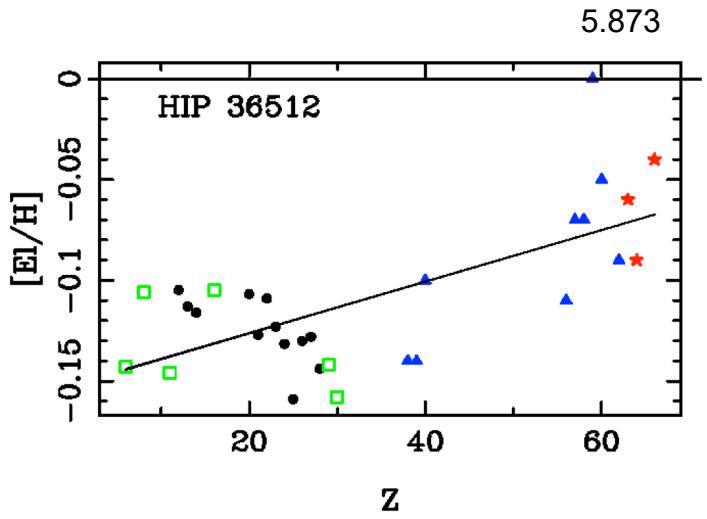

5.364




5.452 Gyr
HIP 68468
[El/H]
Z


5.74 Gyr
HIP 117367
[El/H]
Z


5.843 Gyr
HIP 10303
[El/H]
Z


5.873
HIP 36512
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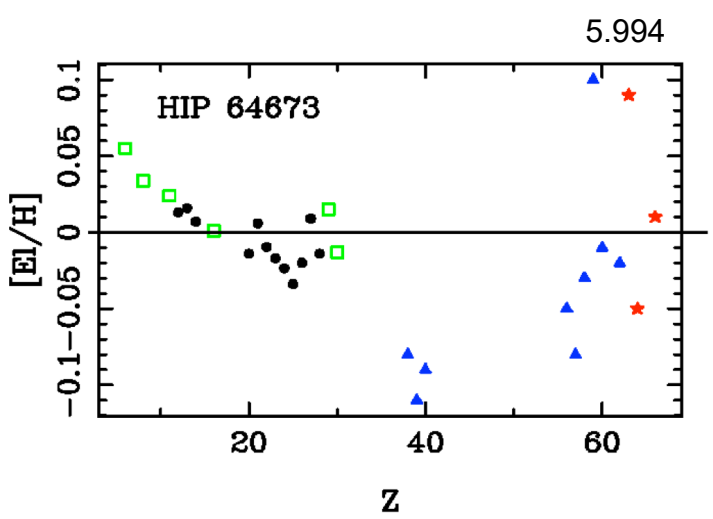
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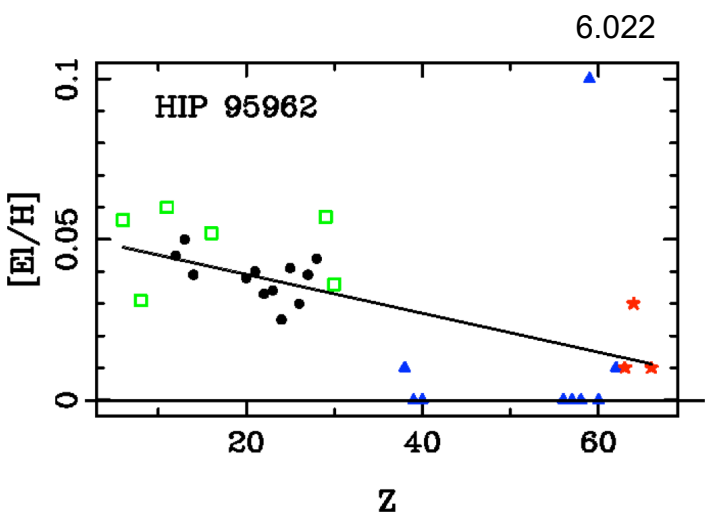
HIP 64673
[El/H]
Z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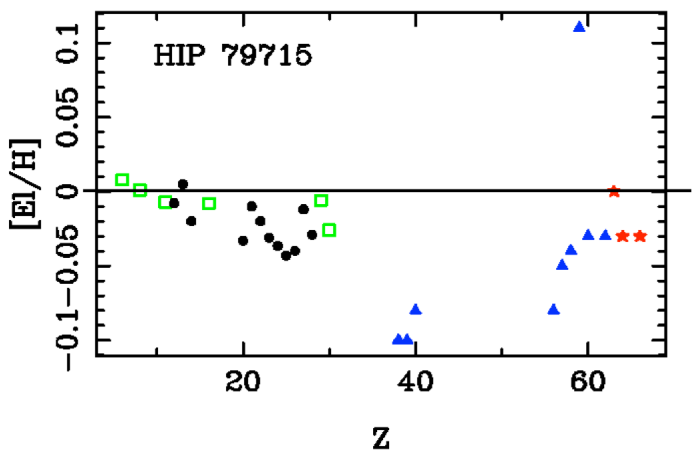
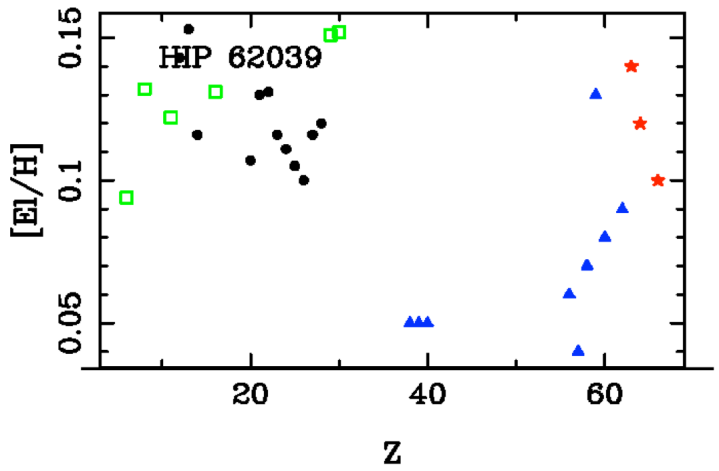
HIP 95962
[El/H]
Z

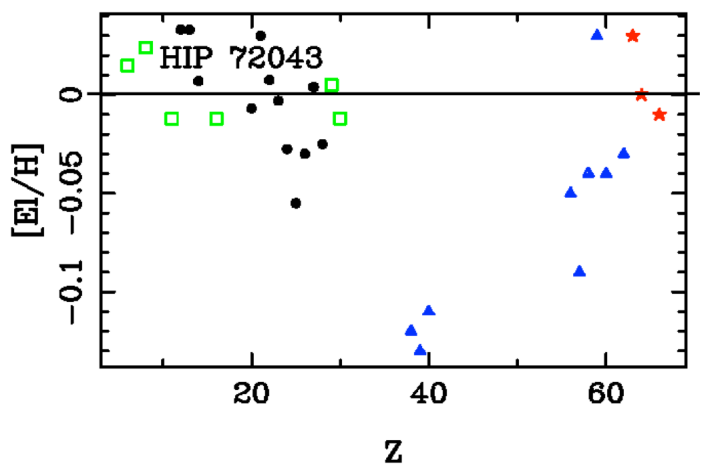
6.085 Gyr



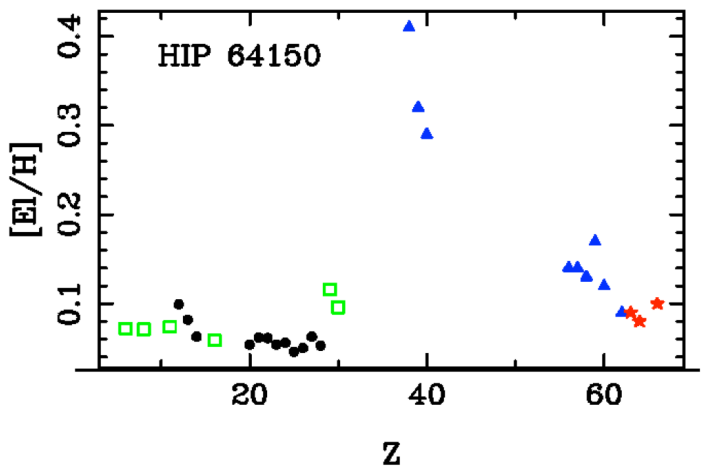

6.247 Gyr



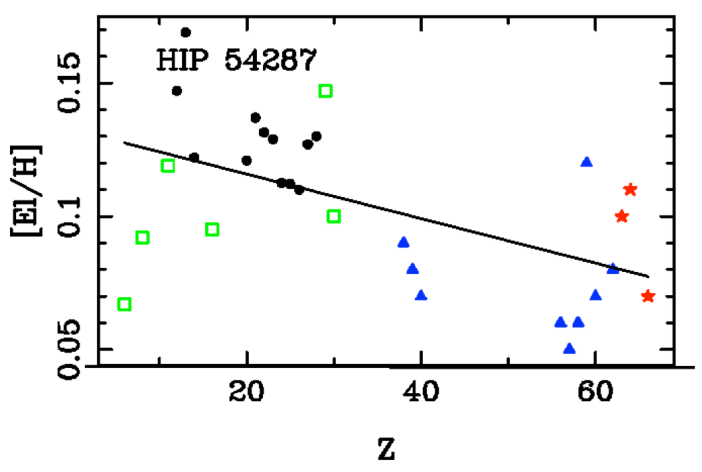

6.252 Gyr



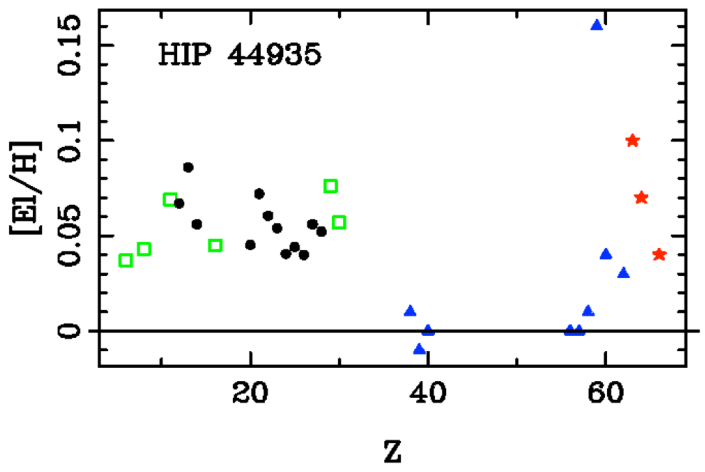

6.451



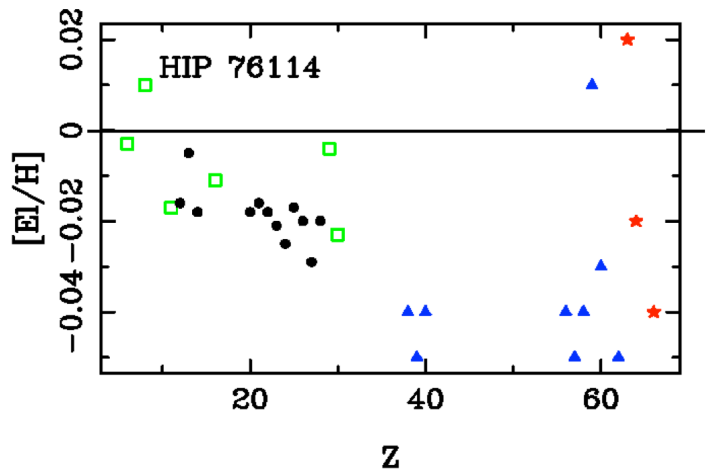

6.472



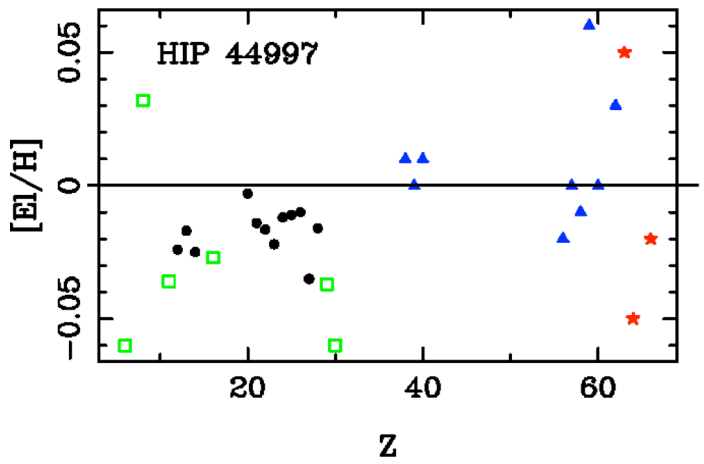

6.519



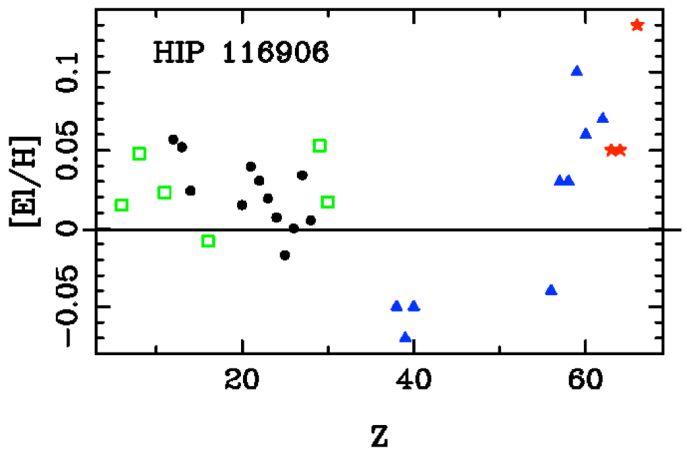
6.576 Gyr



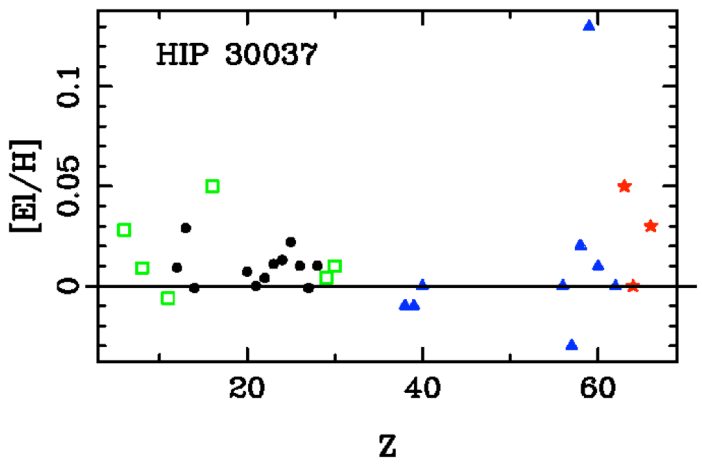

6.584 Gyr




6.67 Gyr




6.764

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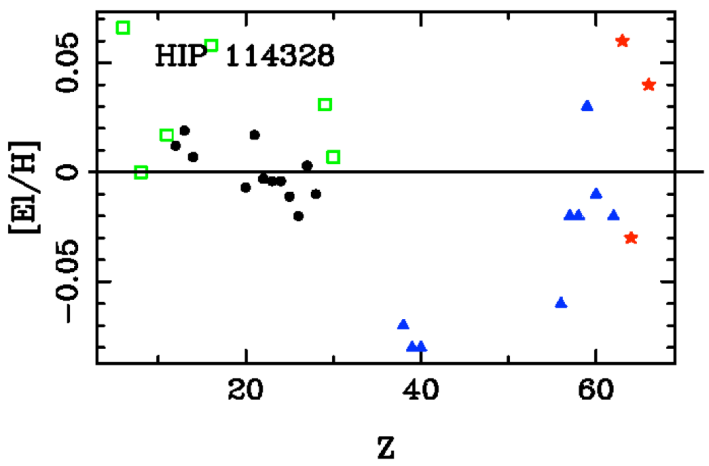
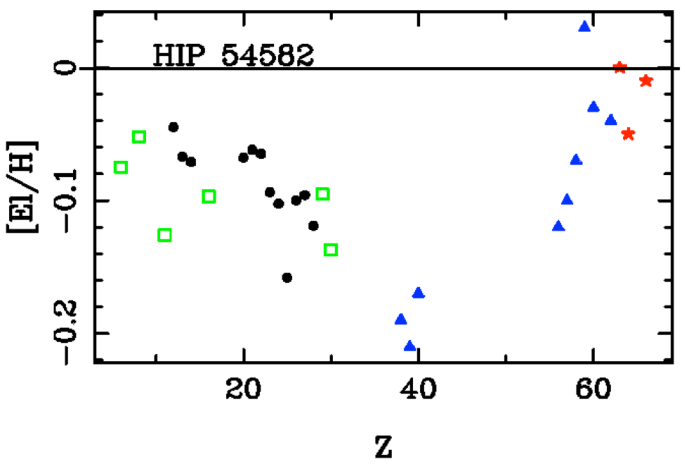
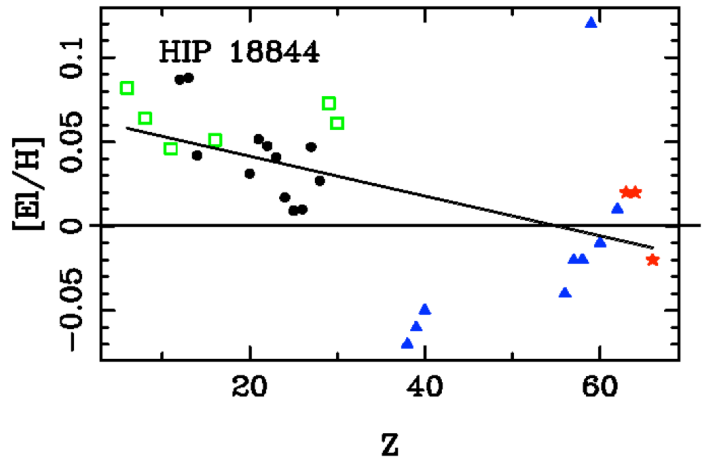


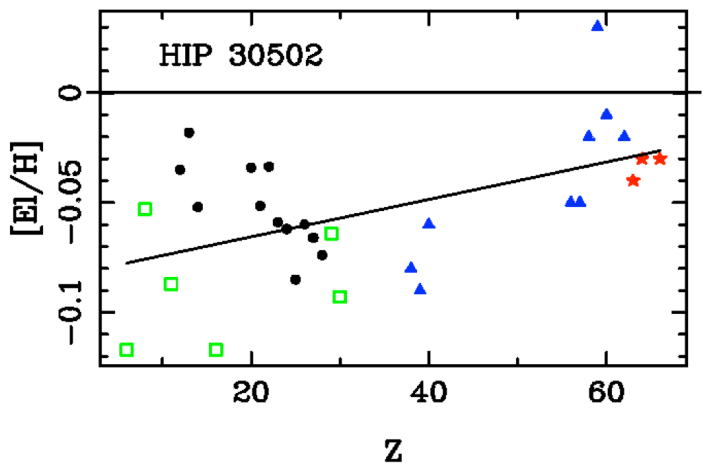

6.928



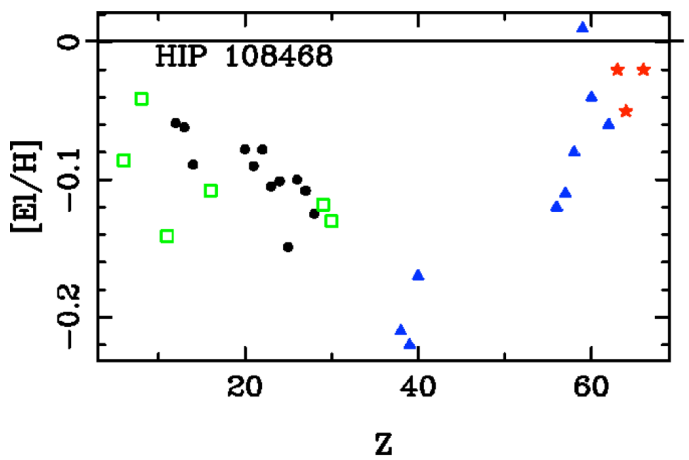
6.937 Gyr



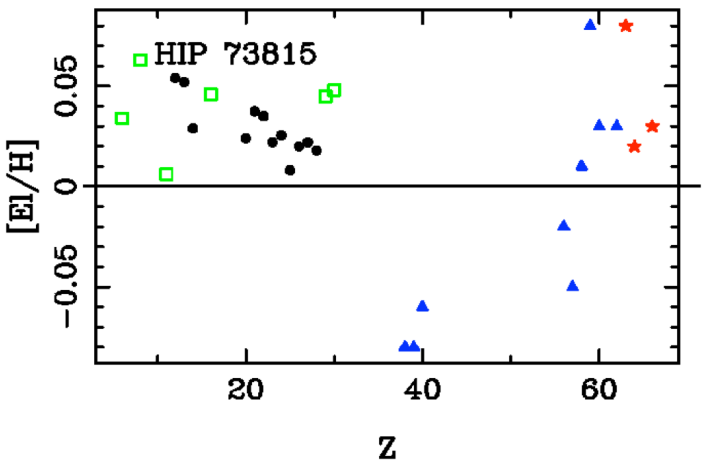

6.986 Gyr



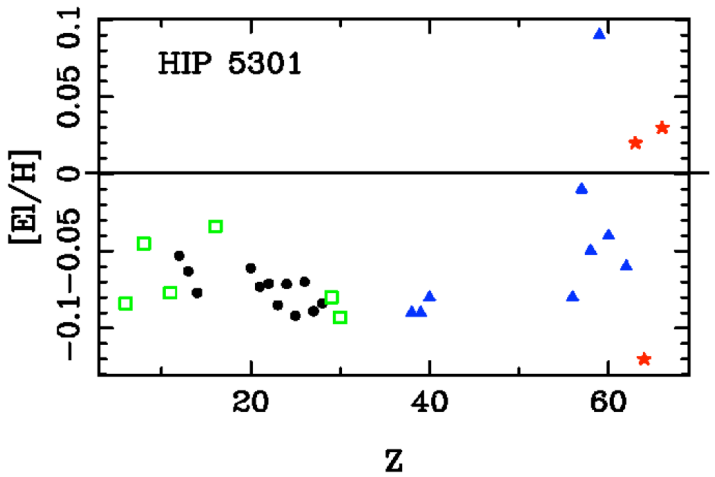

7.03 Gyr



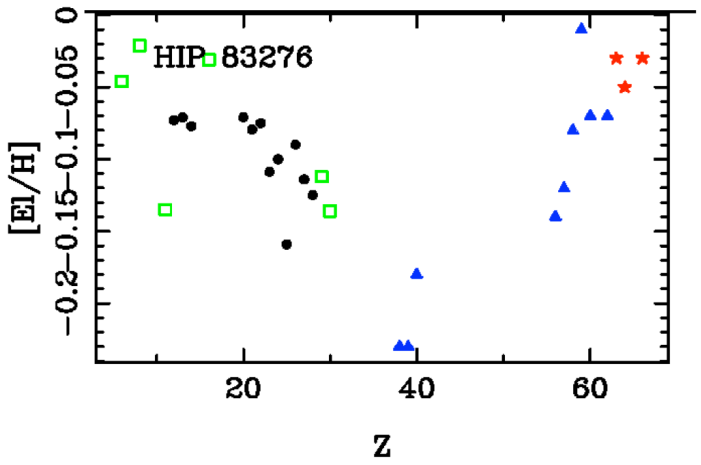

7.167

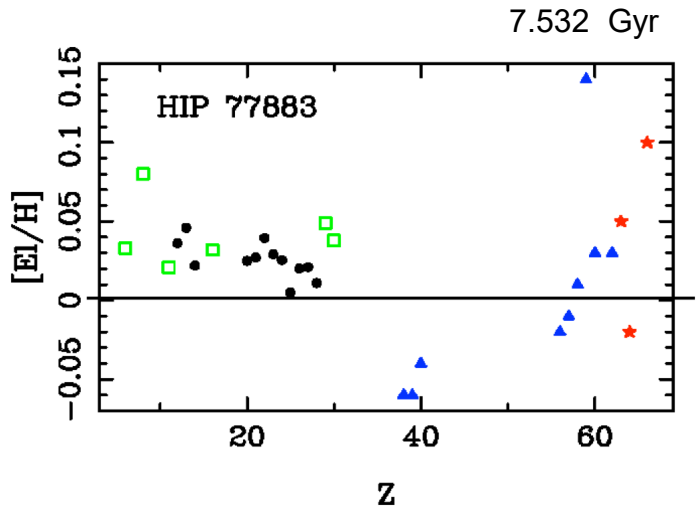


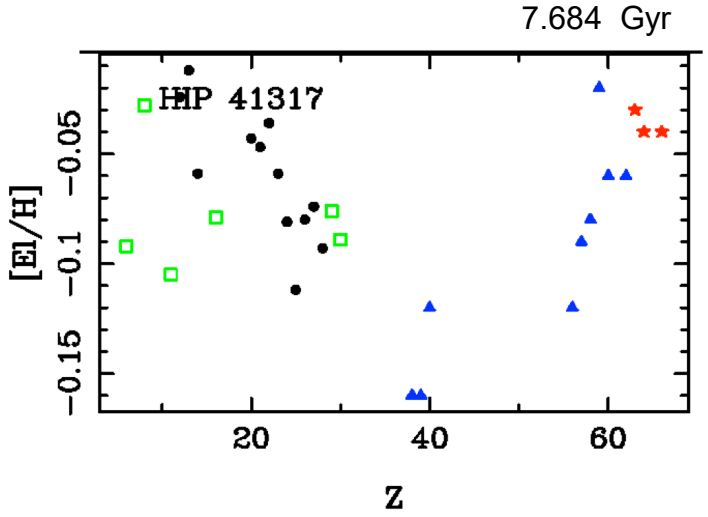

7.189




7.385




7.532 Gyr
HIP 77883
[El/H]
Z


7.684 Gyr
HIP 41317
[El/H]
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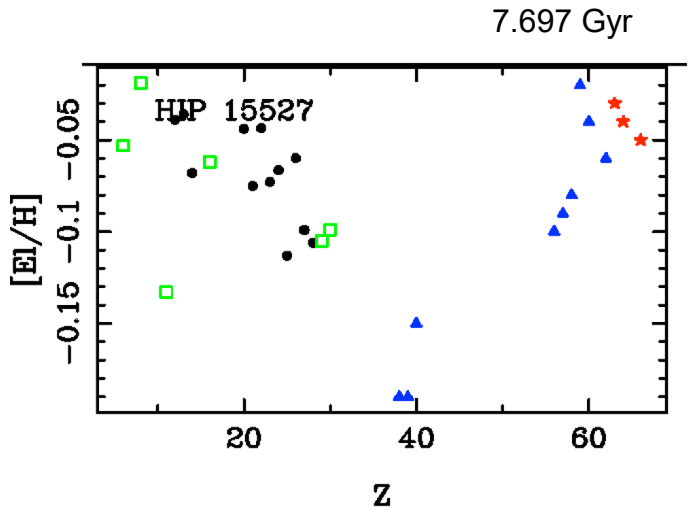
7.697 Gyr
HIP 15527
[El/H]
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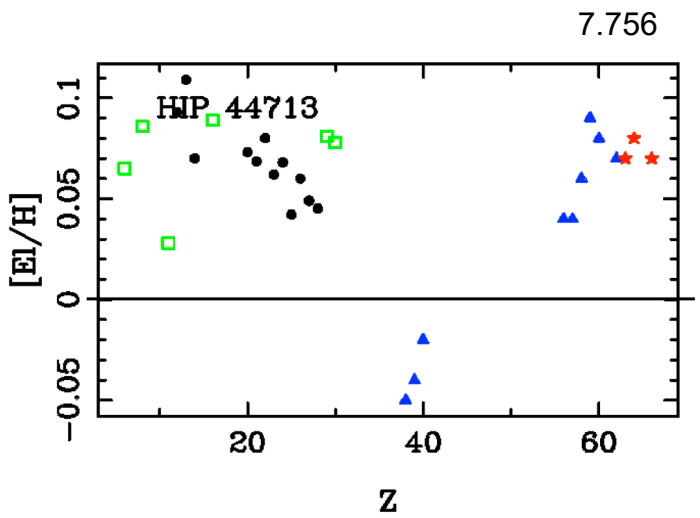
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HIP 44713
[El/H]
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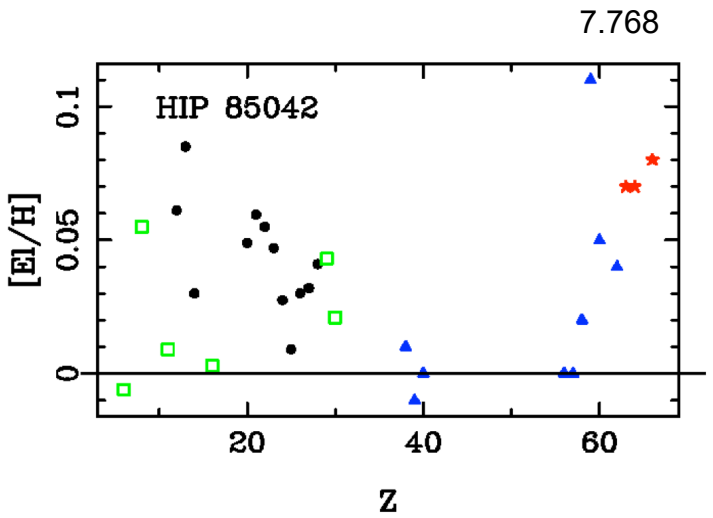
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HIP 85042
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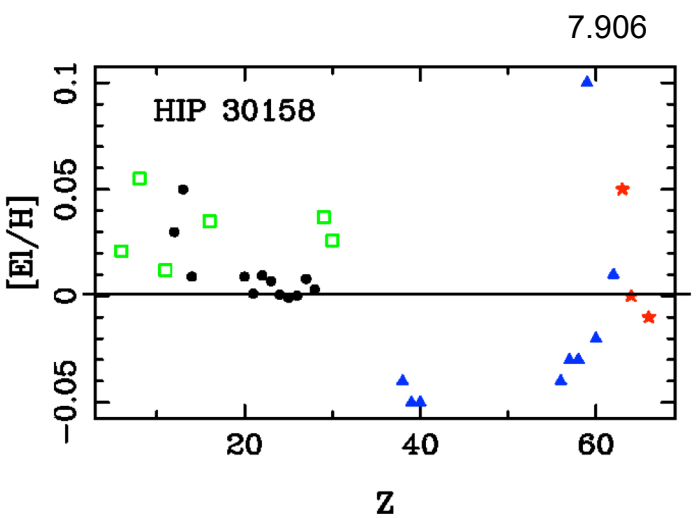
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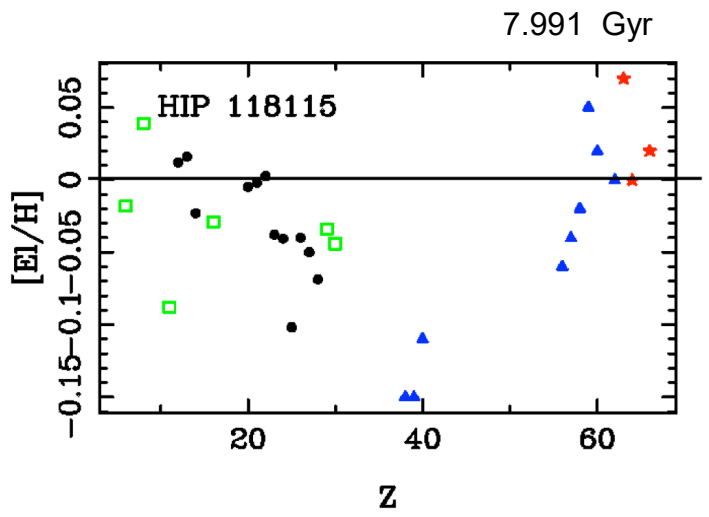
7.991 Gyr
HIP 118115
[El/H]
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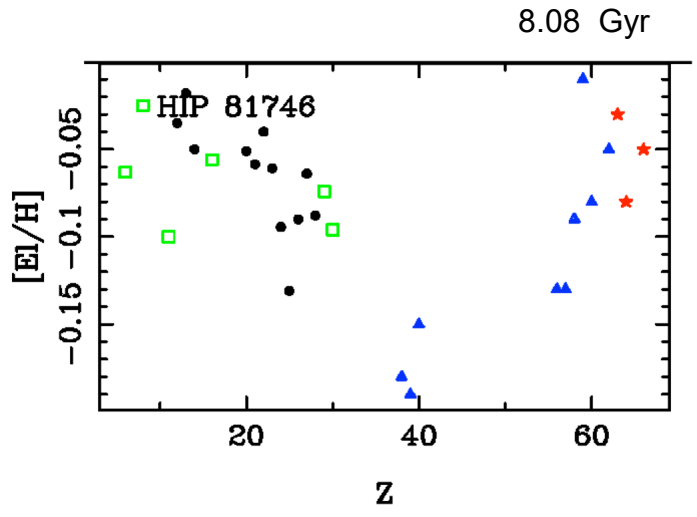
8.08 Gyr
HIP 81746
[El/H]
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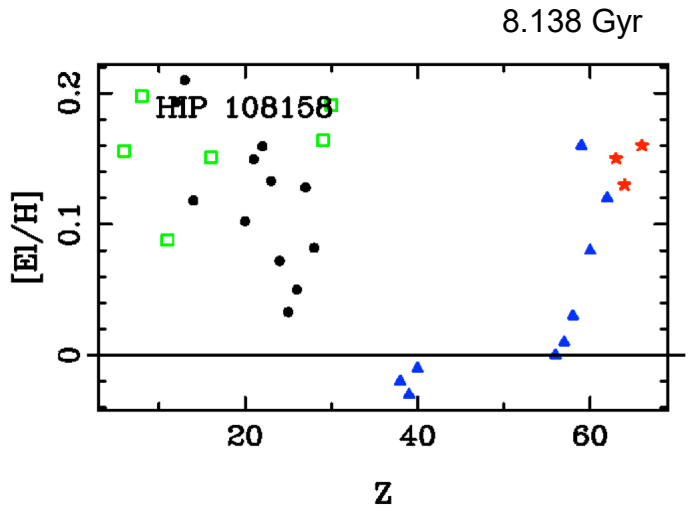
8.138 Gyr
HIP 108158
[El/H]
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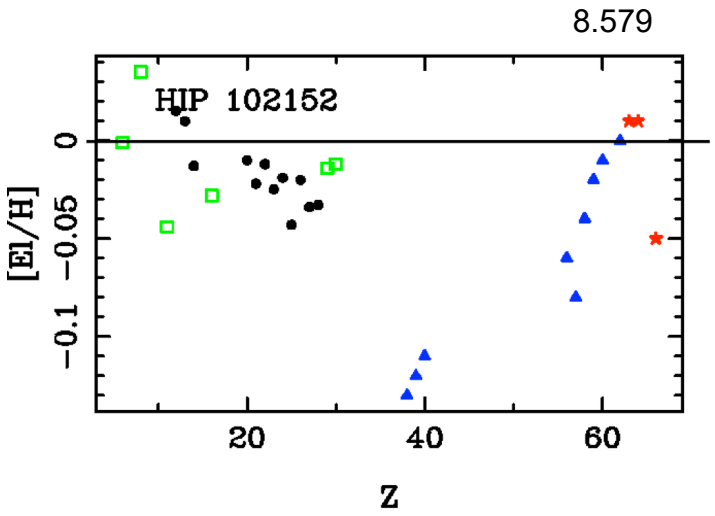
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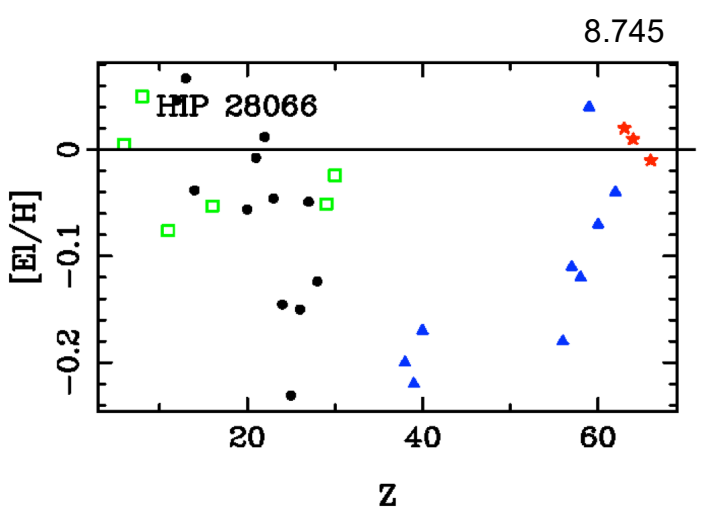
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HIP 28066
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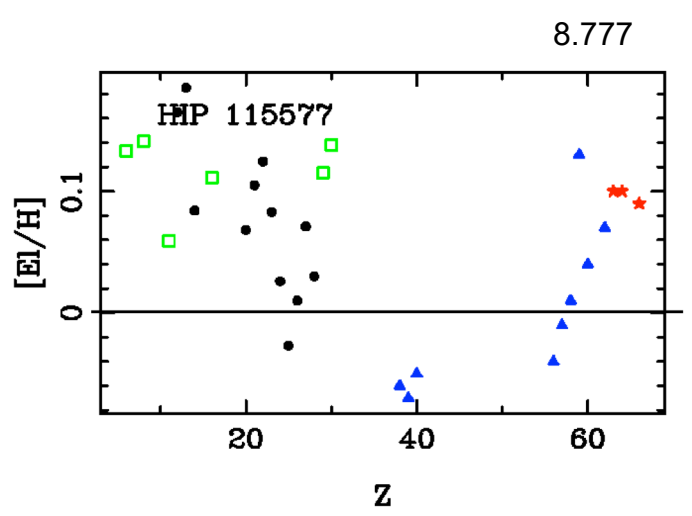
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HIP 115577
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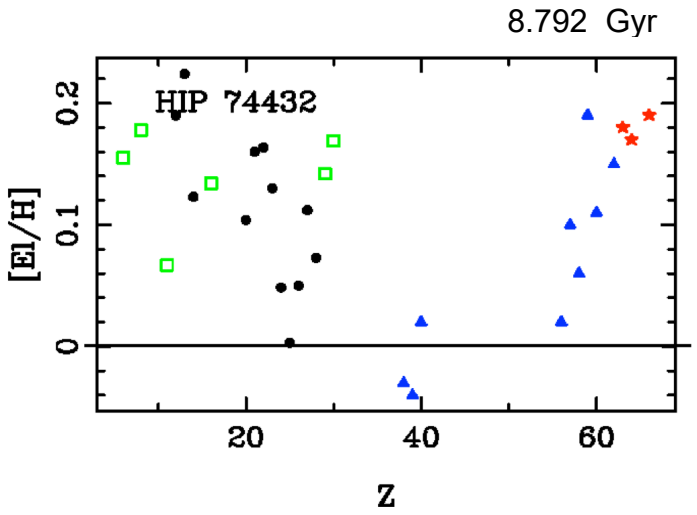
8.792 Gyr
HIP 74432
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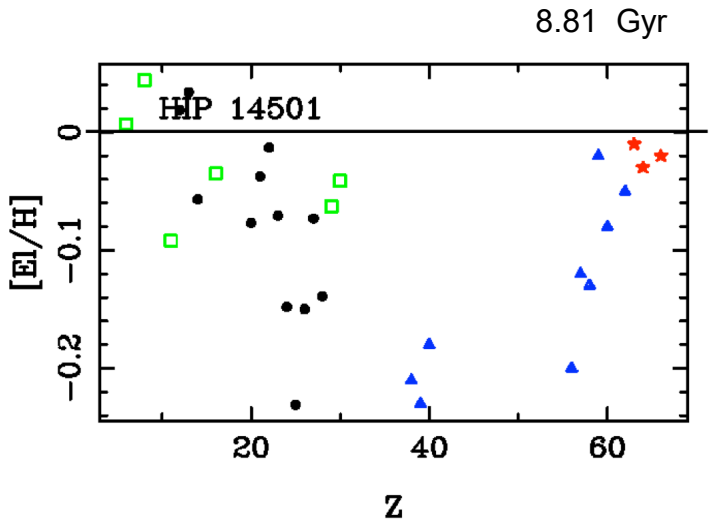
8.81 Gyr
HIP 14501
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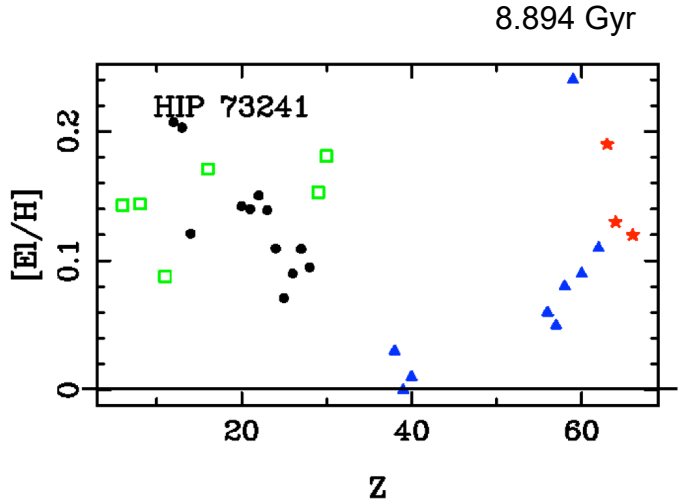
8.894 Gyr
HIP 73241
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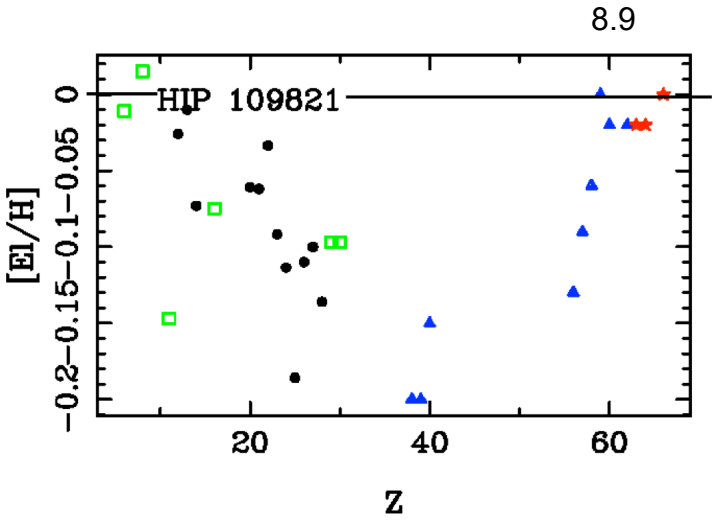
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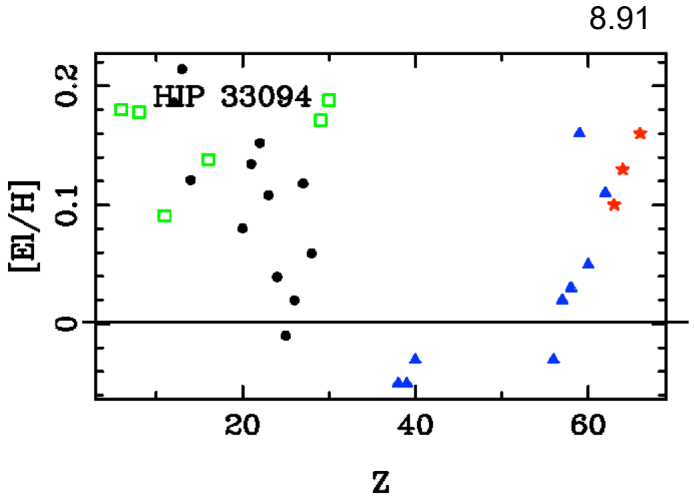
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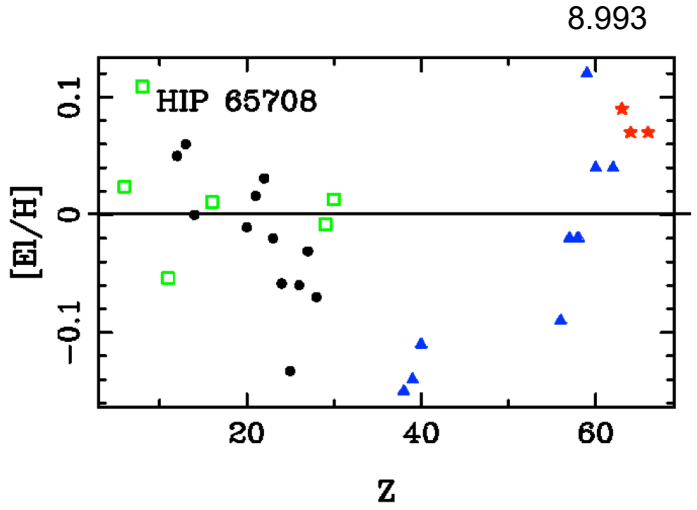
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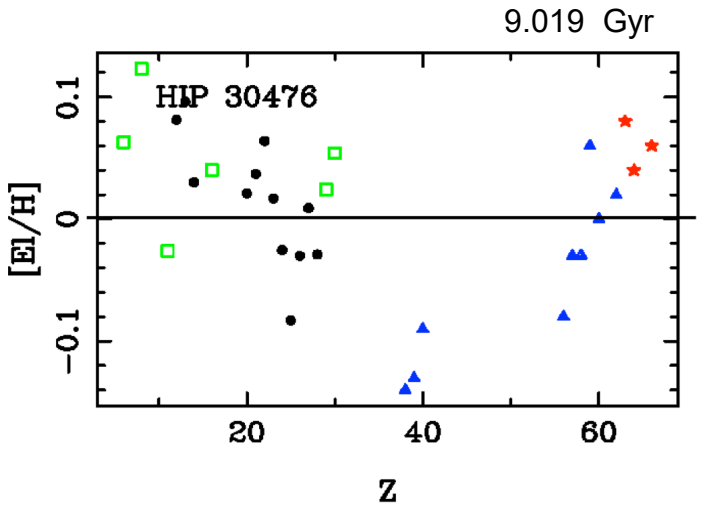
9.019 Gyr
HIP 30476
0.1
0
−0.1
[El/H]
20
40
60
Z