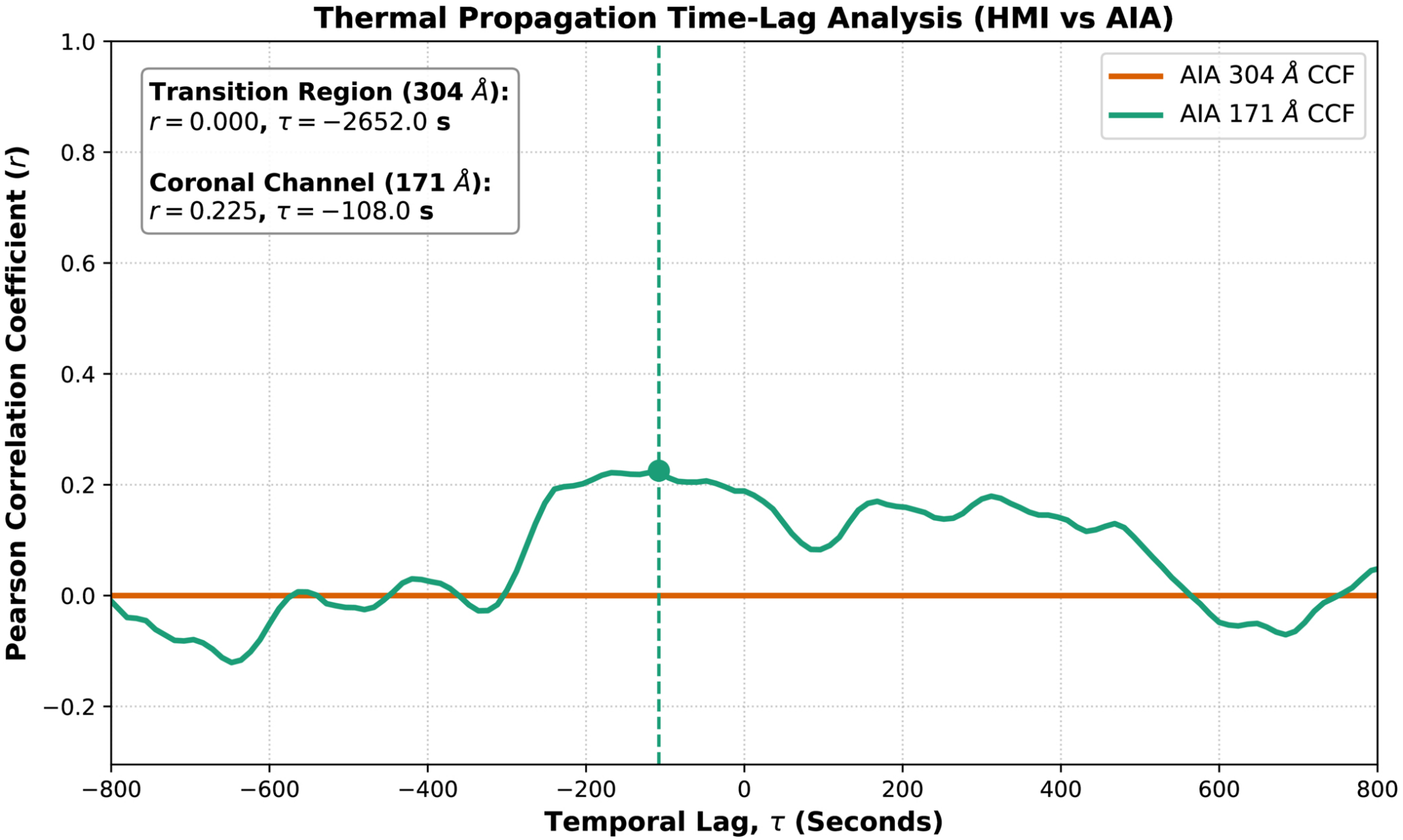
Figure 5. from
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Thermal Propagation Time-Lag Analysis (HMI vs AIA)
Transition Region (304 Å):
r = 0.000, τ = −2652.0 s
Coronal Channel (171 Å):
r = 0.225, τ = −108.0 s
AIA 304 Å CCF
AIA 171 Å CCF
Pearson Correlation Coefficient (r)
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−800
−600
−400
−200
0
200
400
600
800
Temporal Lag, τ (Seconds)