

Supplemental Information for The Role of High-Order
Electron Correlation Effects in a Model System for
Non-valence Correlation-bound Anions

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The information in this supplemental document

1 SUPPLEMENTAL BASIS FUNCTIONS

Listing 1: The 7s7p set of diffuse functions in the GAMESS format.

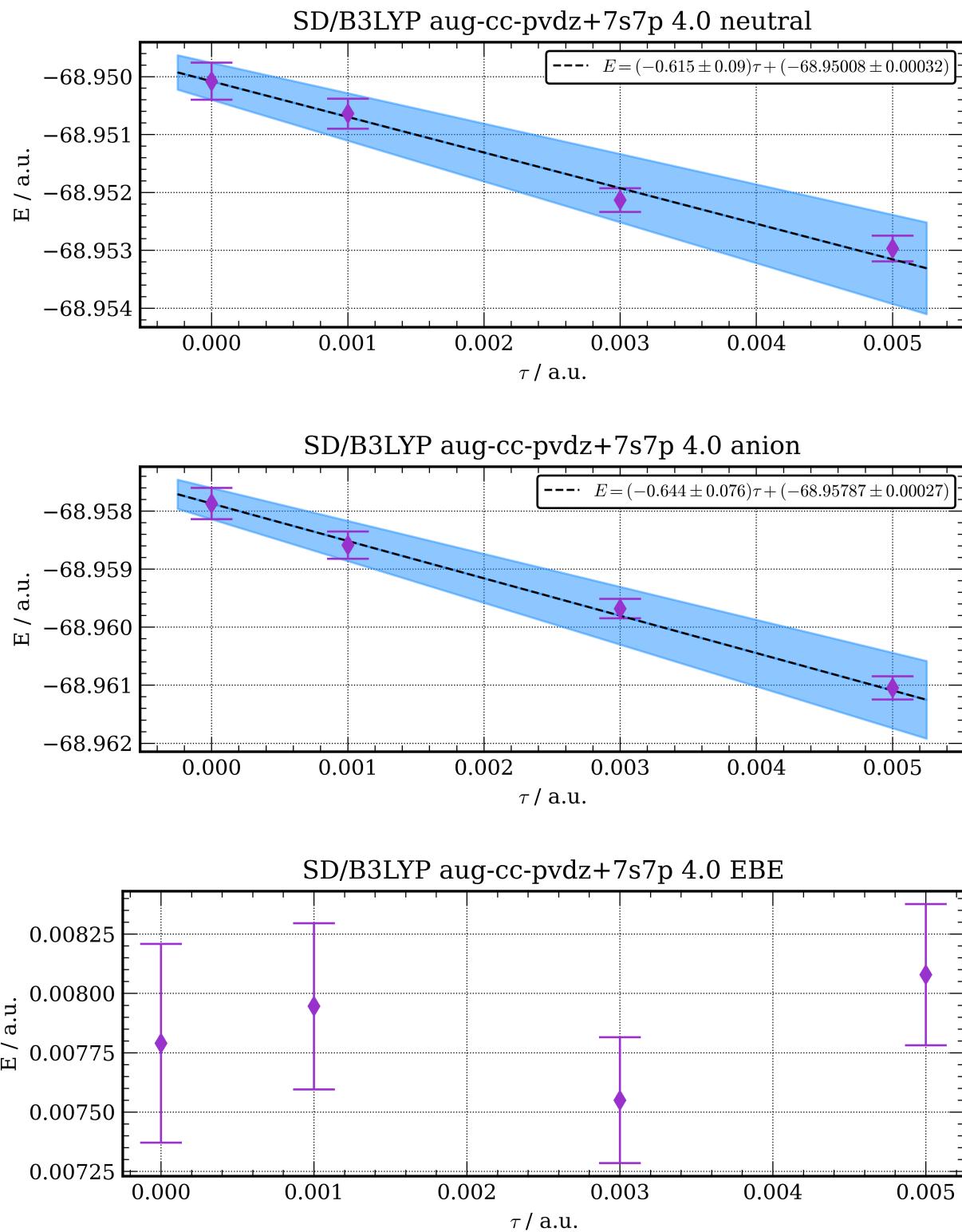
```
S    1
 1    0.02362232      1.0
S    1
 1    0.00738198      1.0
S    1
 1    0.00230687      1.0
S    1
 1    0.00072090      1.0
S    1
 1    0.00022528      1.0
S    1
 1    0.00007040      1.0
S    1
 1    0.00002200      1.0
P    1
 1    0.02362232      1.0
P    1
 1    0.00738198      1.0
P    1
 1    0.00230687      1.0
P    1
 1    0.00072090      1.0
```

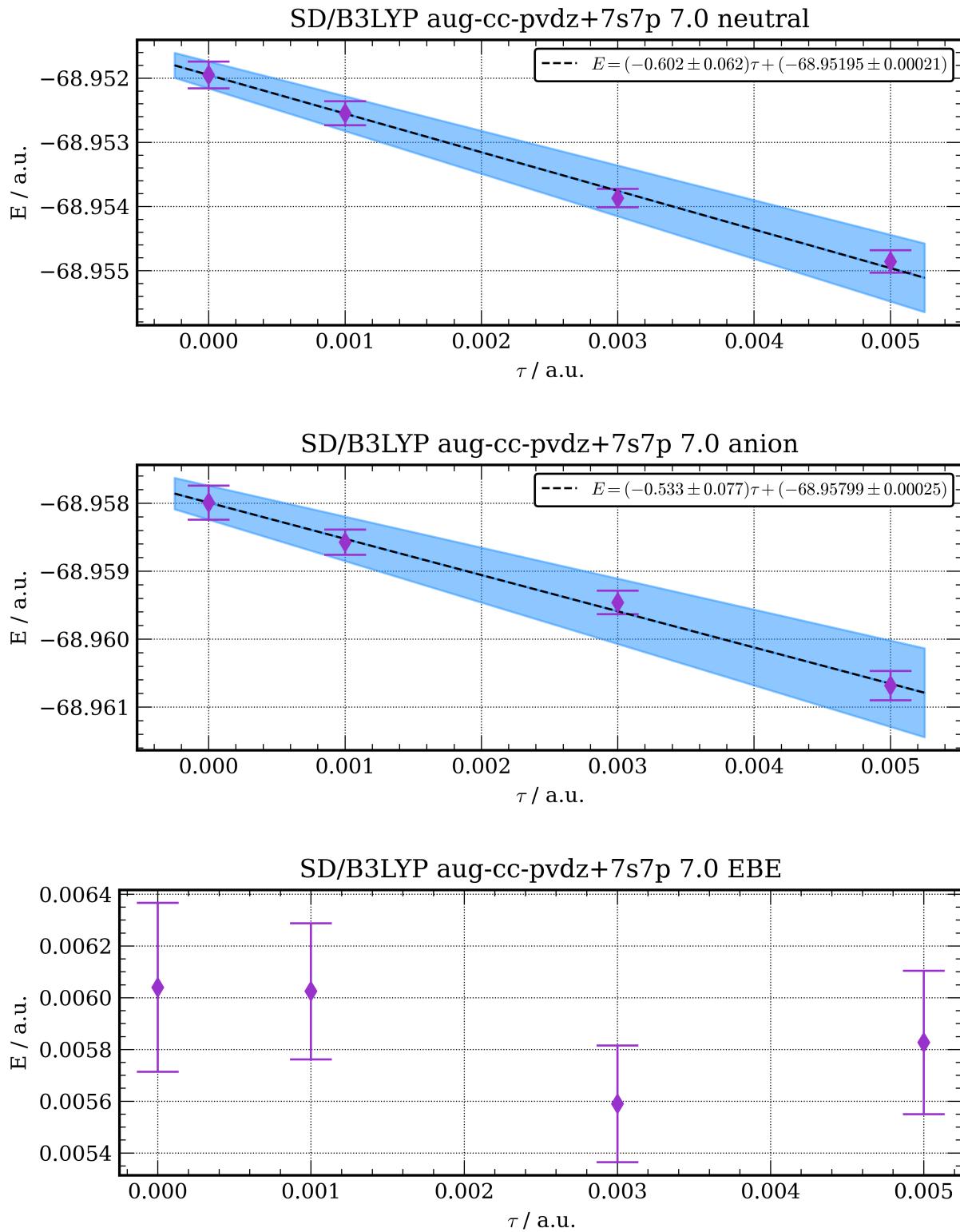
```
P    1  
1    0.00022528    1.0  
P    1  
1    0.00007040    1.0  
P    1  
1    0.00002200    1.0 '
```

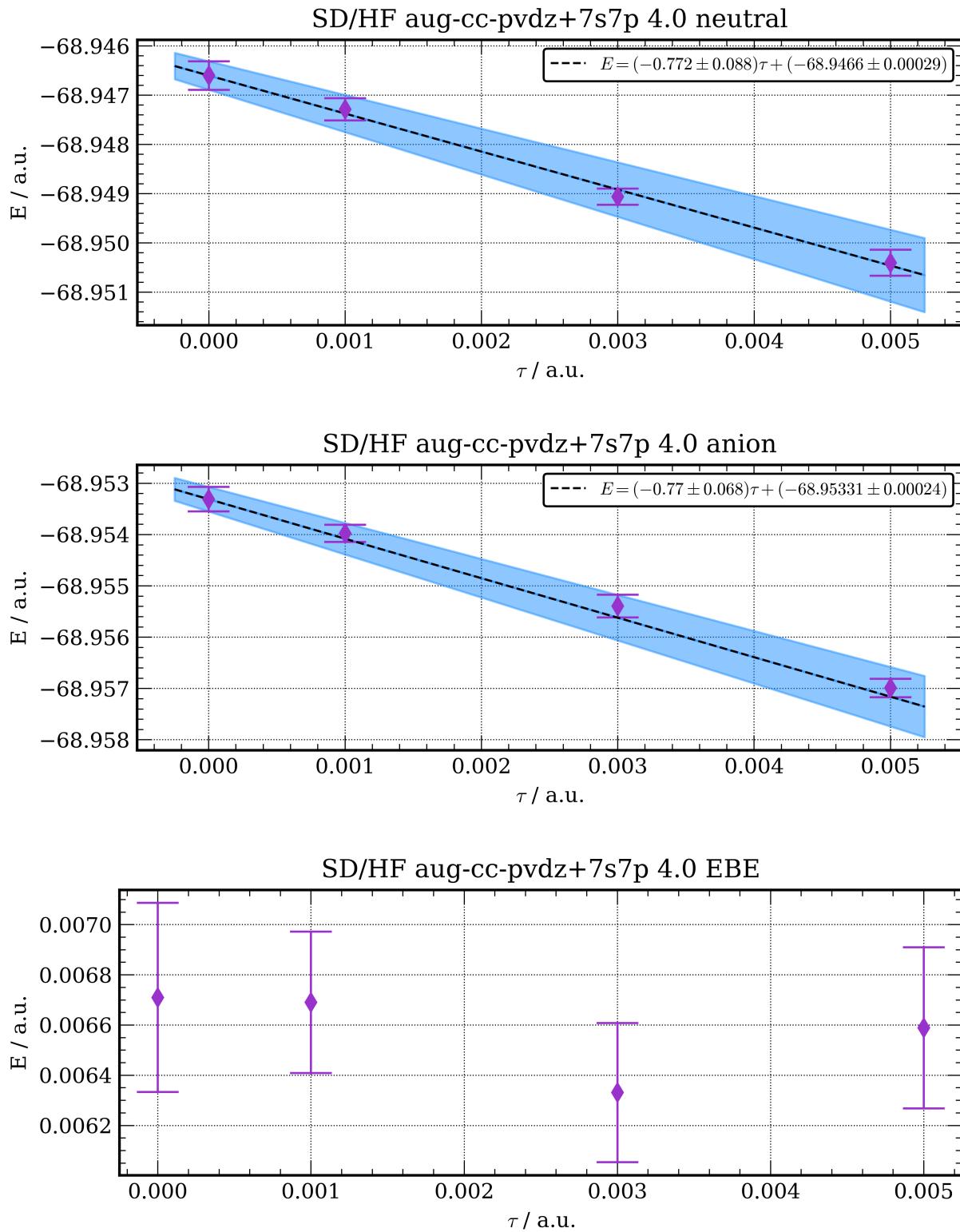
Listing 2: The 3s1p set of diffuse functions in the GAMESS format.

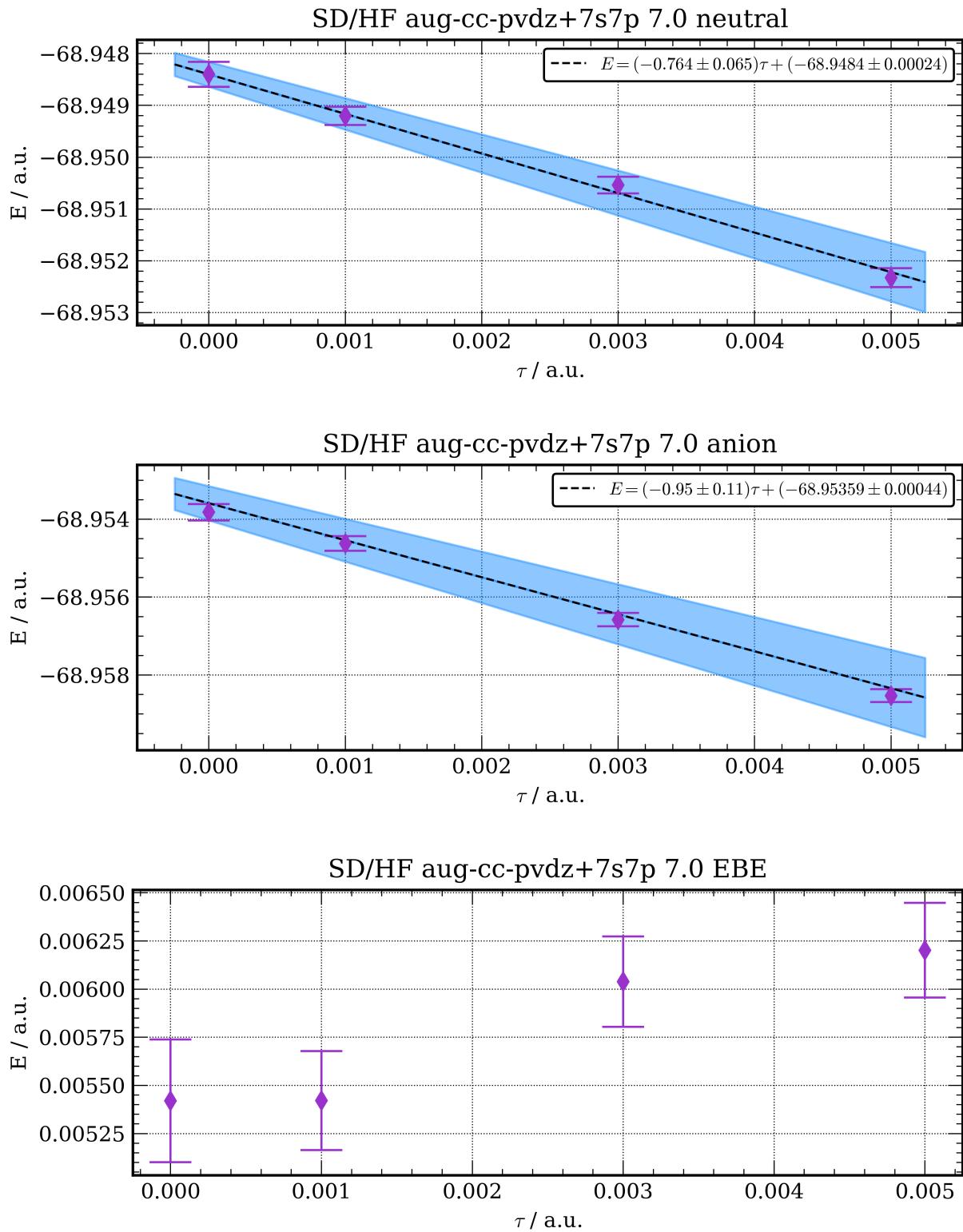
```
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1    0.02362232    1.0  
S    1  
1    0.00738198    1.0  
S    1  
1    0.00230687    1.0  
P    1  
1    0.02362232    1.0
```

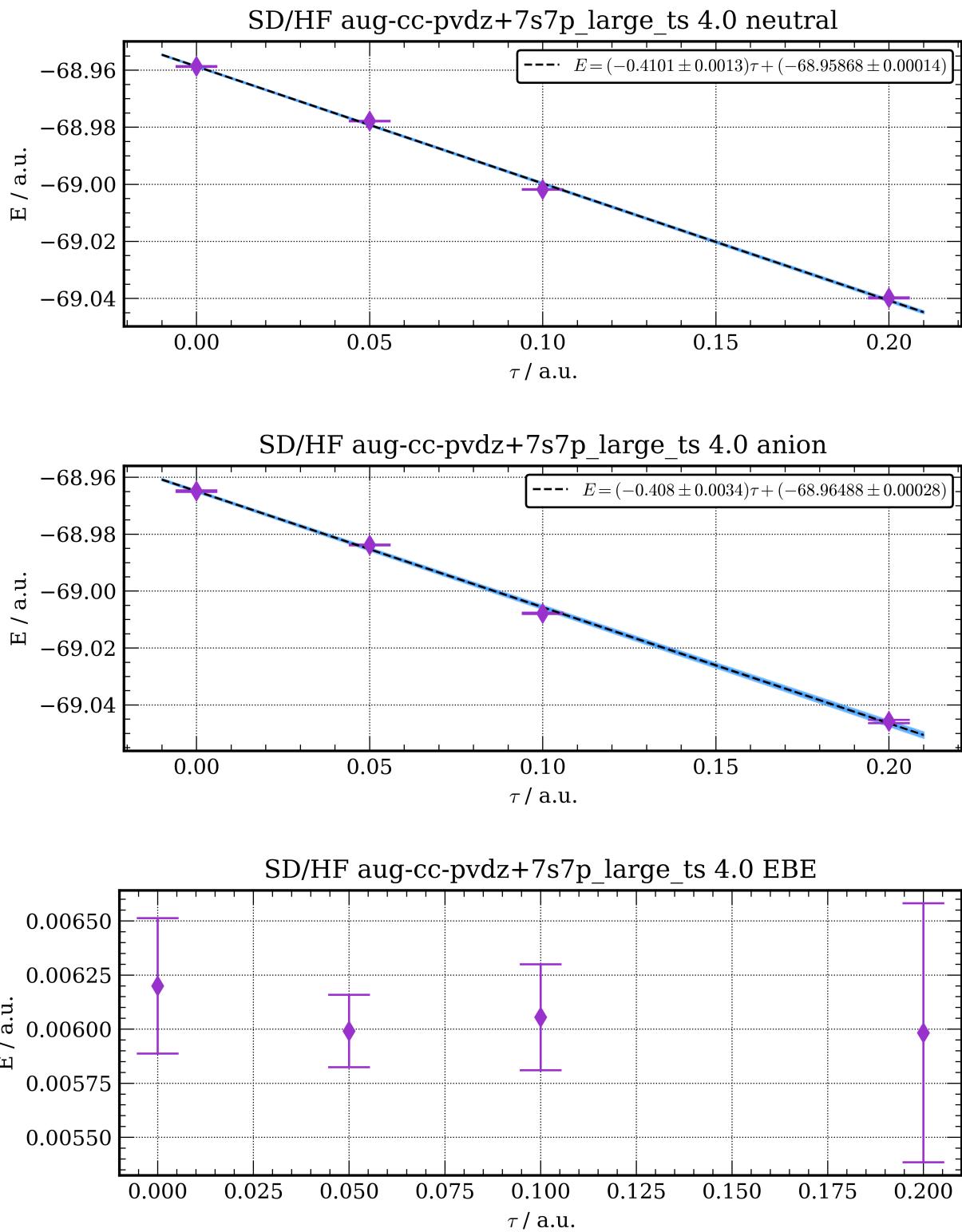
2 DMC EXTRAPOLATION

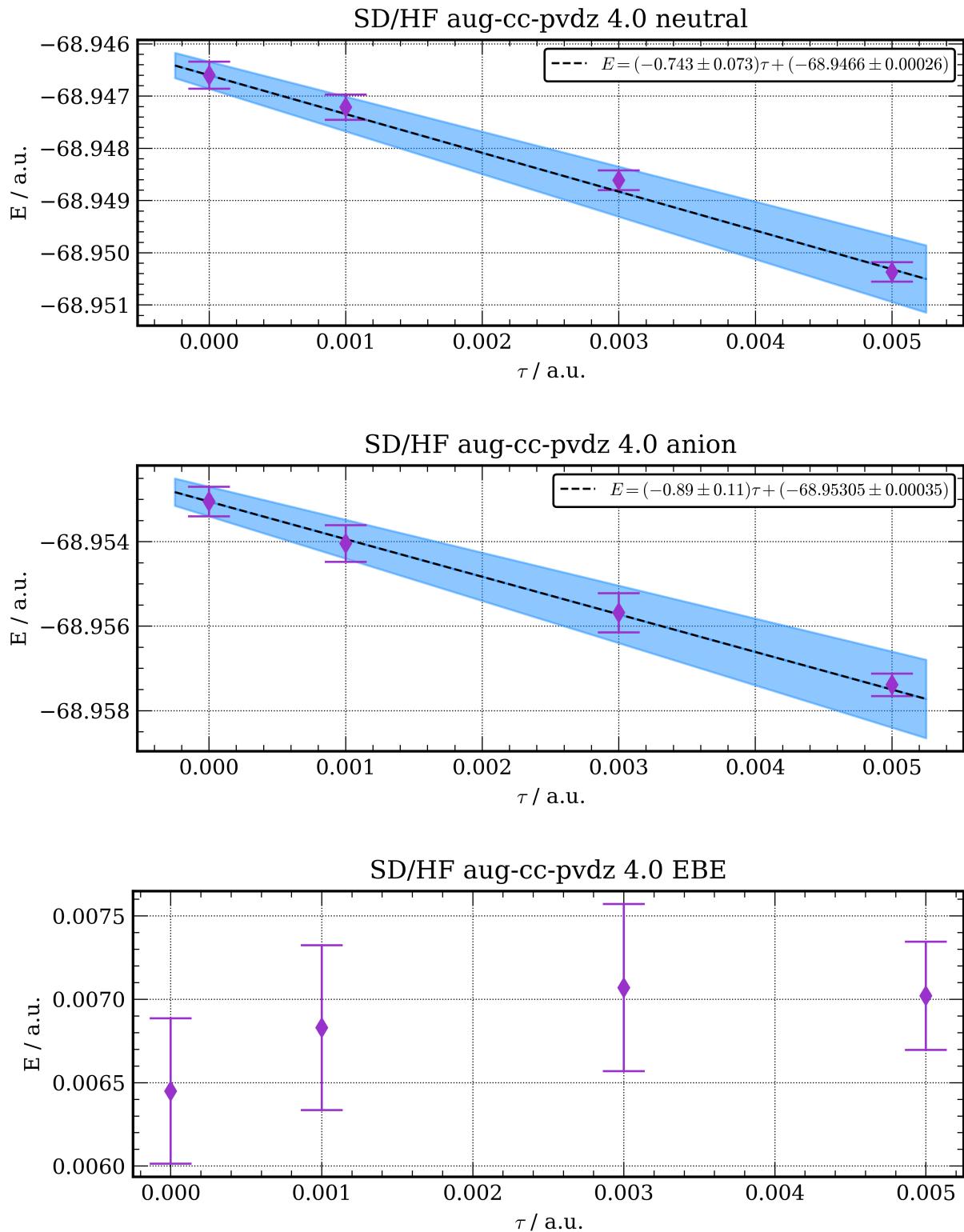


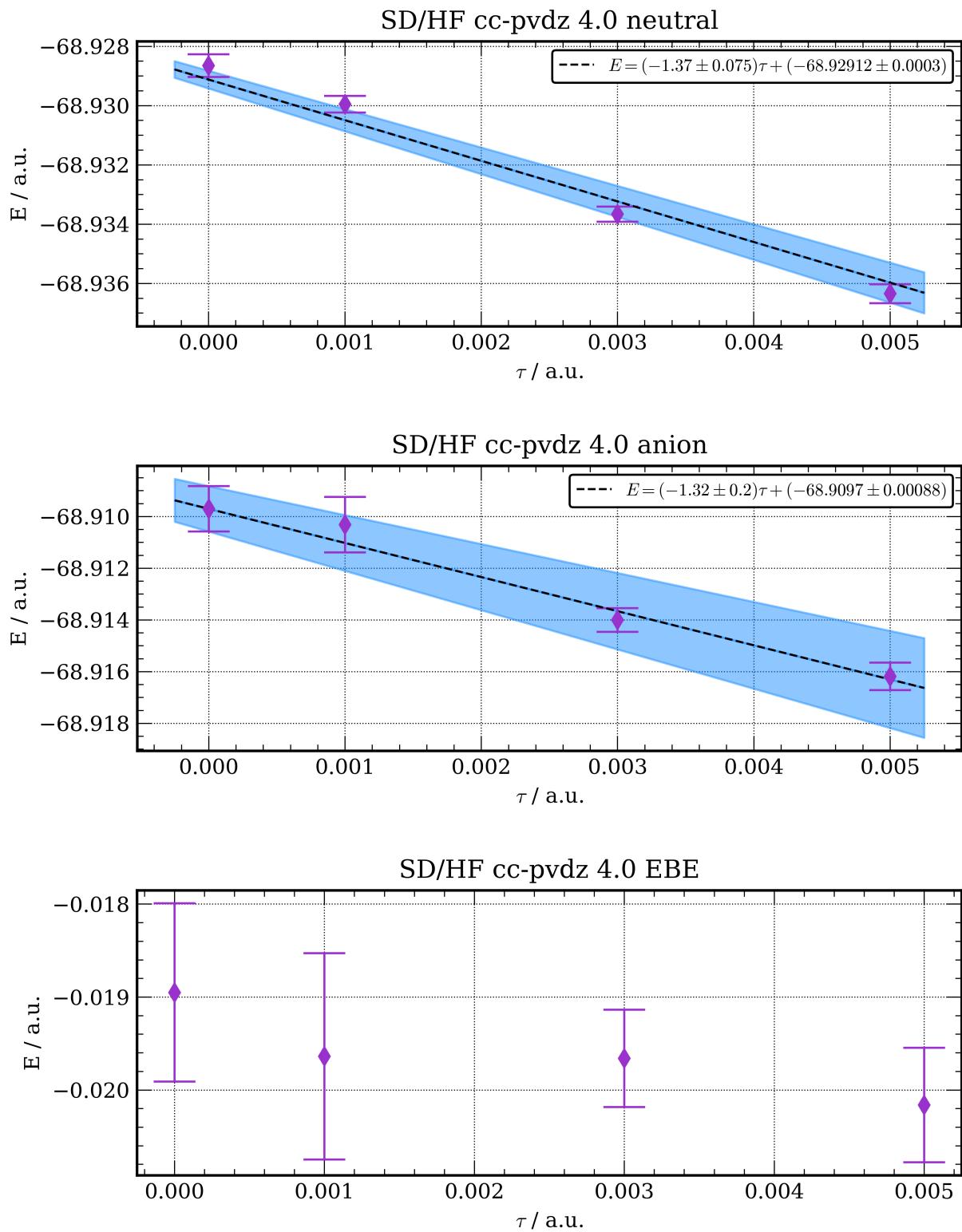


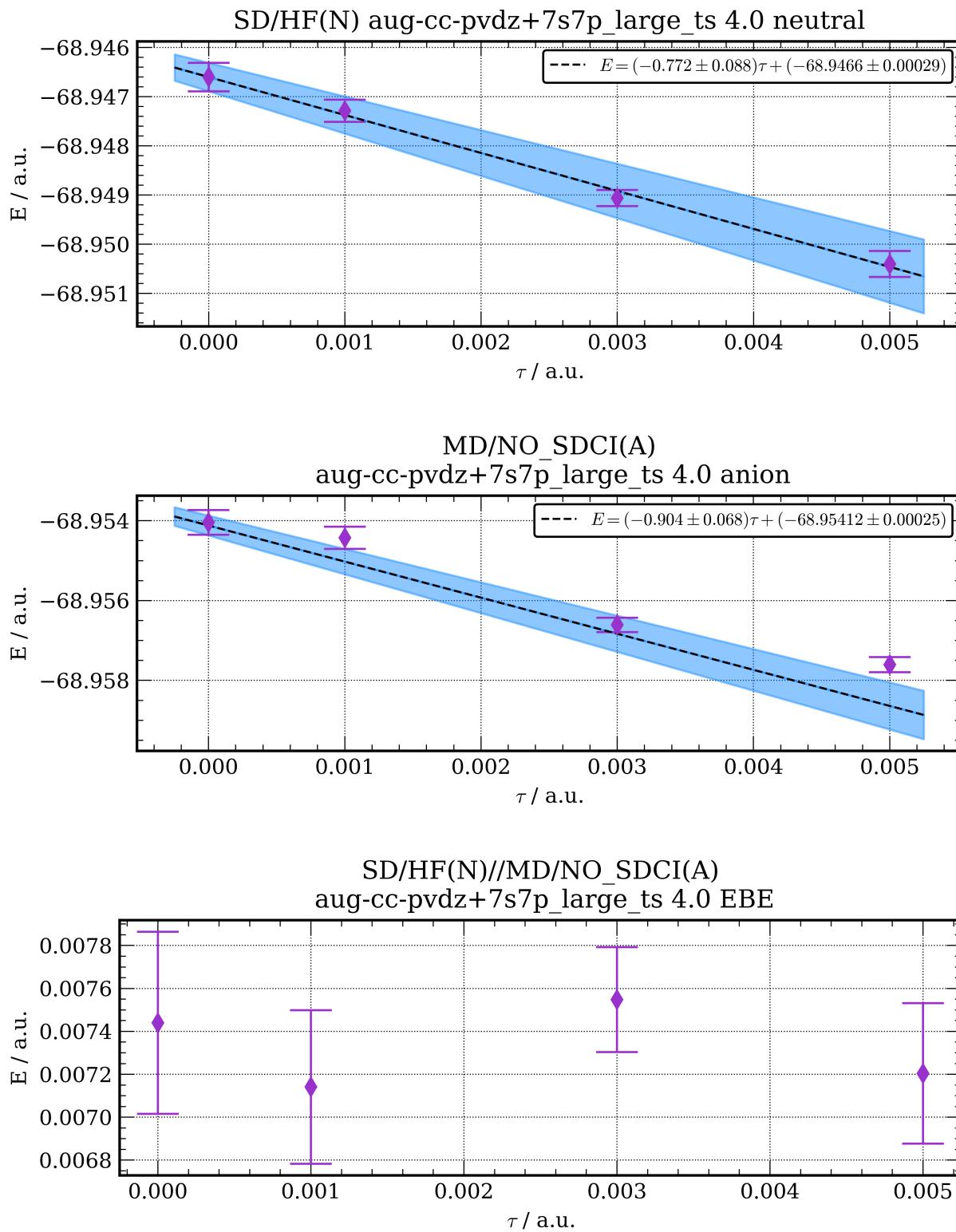


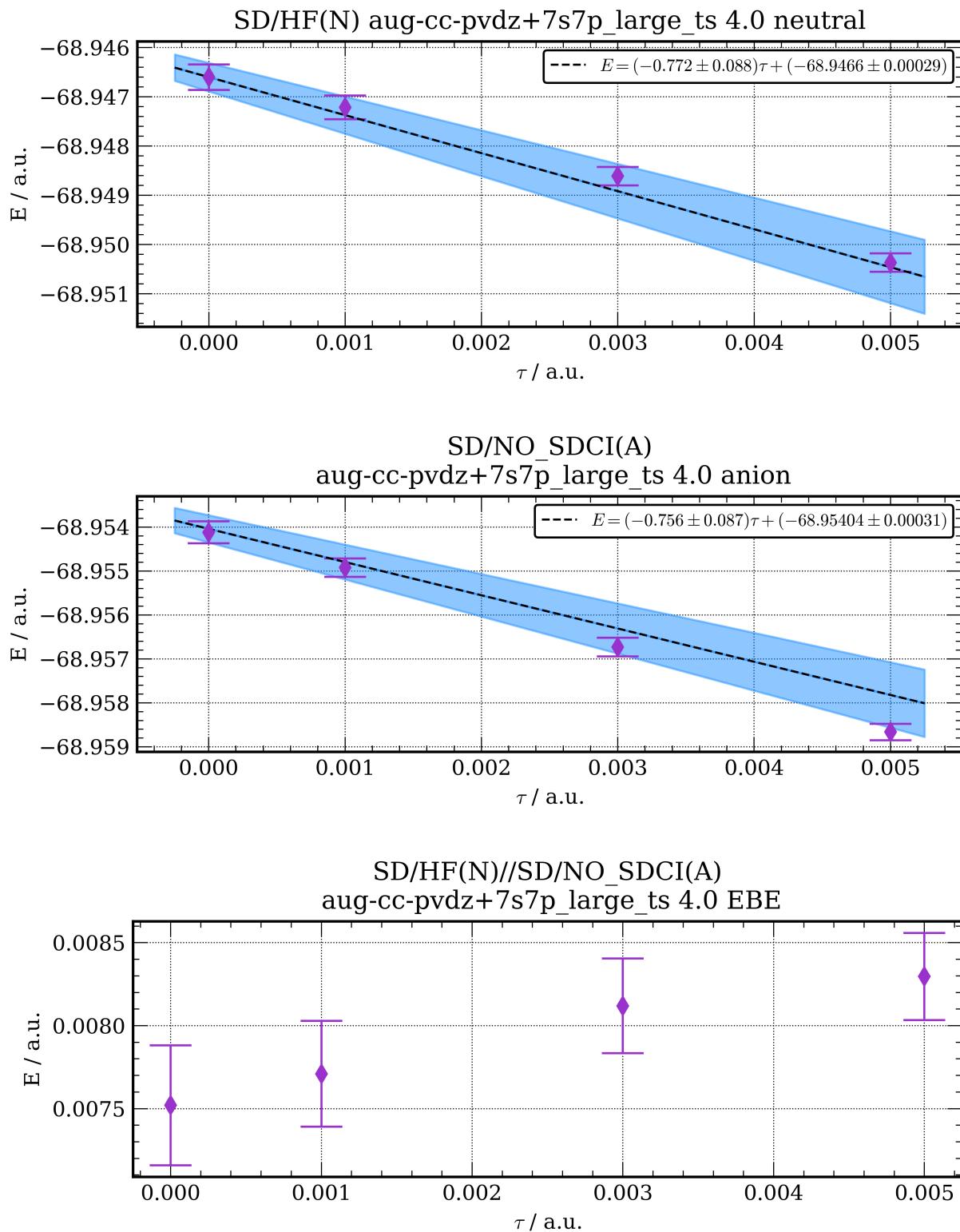


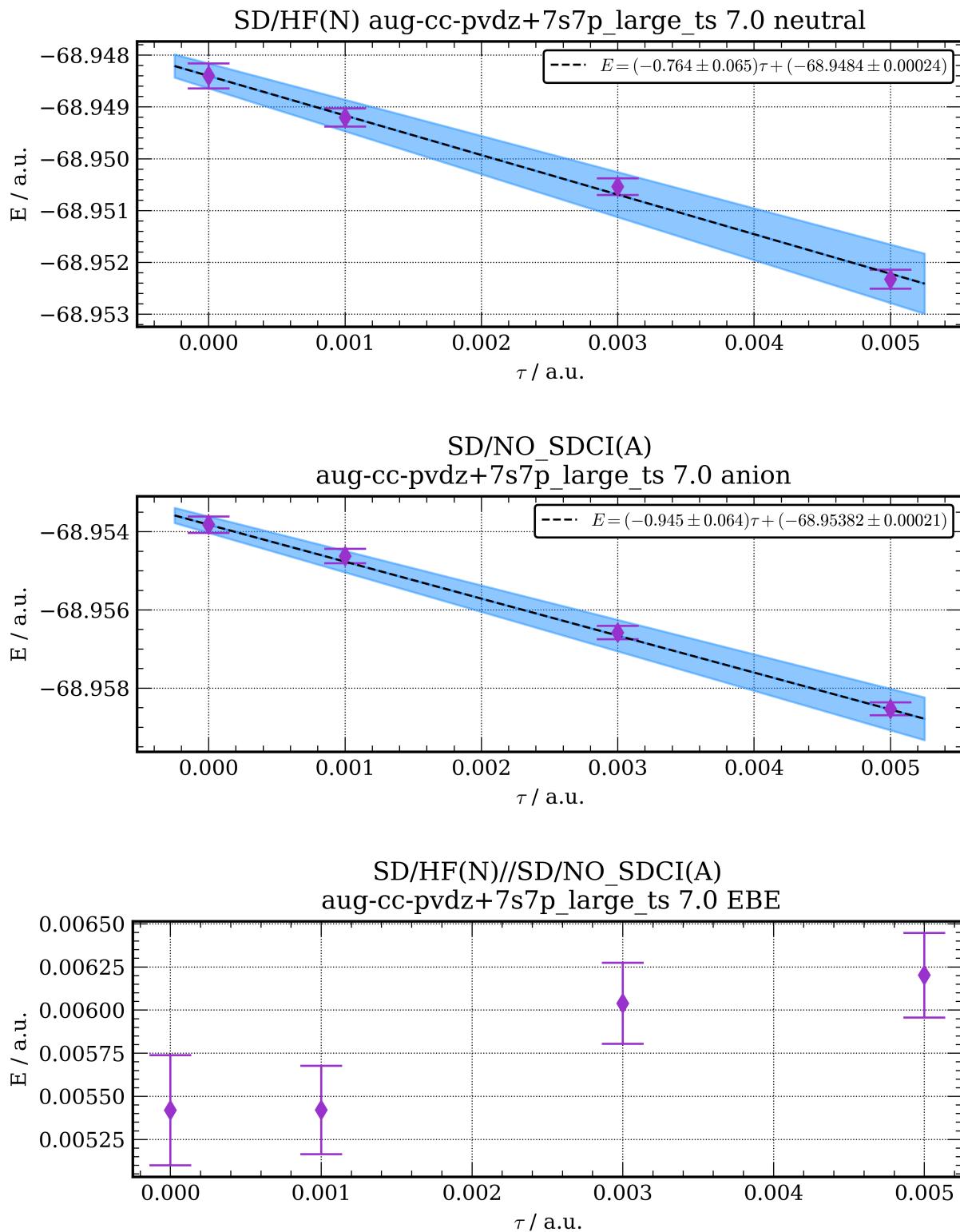












REFERENCES