Table for your further calculation reference on Si+Si2H6

|  |  |  |
| --- | --- | --- |
|  | 1p24 | 1p25 |
| i1 | + | ? |
| i3 | + | + |
| i4 | + | ? |
| i5 | ? | - |

Legends: + (already found), - (unlikely) and ? (likely, need to look)

1. Also, I did not include bridged intermediates i1’ and i1’’ in the list which seem unlikely to produce p24 and p25 but I am not sure. May be you can check those.
2. There should likely be a TS between i1’ and i1’’.
3. Can you please double check for the most stable C3H4 isomer as yours is different from the literature? As I mentioned before, 1p21 is the minimum in the literature.

**C:\My Documents\Beni Dangi\UH\silicon\Si_Si2H6\Fig4.tif**

Figure: Updated and renamed selected paths and products relevant to the experiment.