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UV-photoelectron spectroscopy of unhindered germylenes and carbon-arsenic multiple-bonded species.[x]

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Figure SI-1. UV-PE spectra of (a) **1**, (b) **2** and (c) **3**.

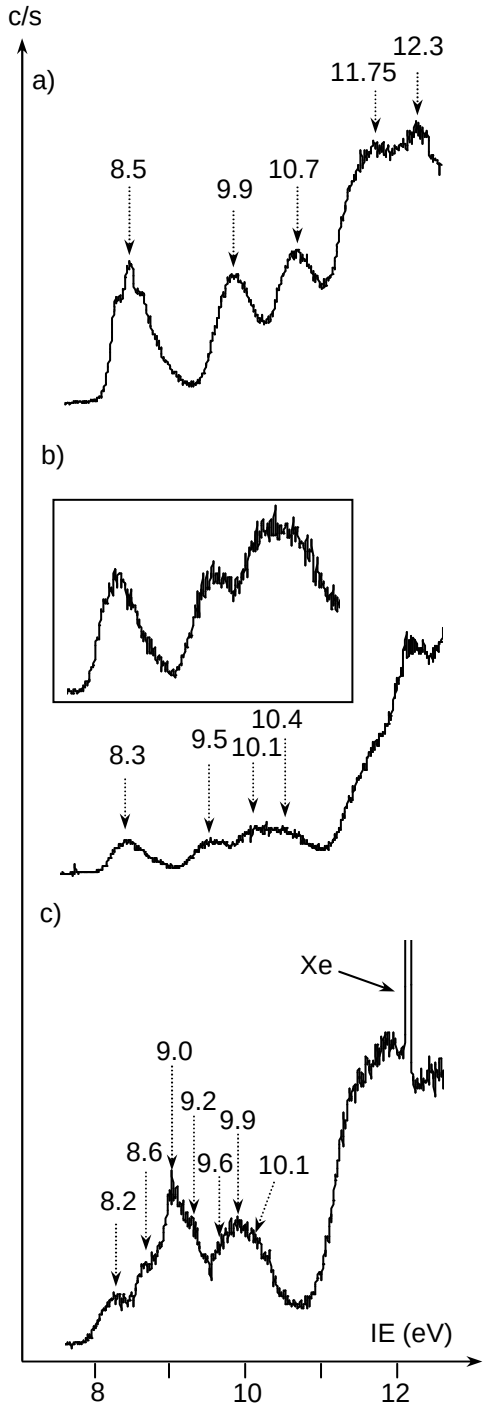

Figure SI-2. Photoelectron spectra of a) products of FVT of **1** at 380°C b) DMB c) **1** at 150°C and Molekel visualization of the first molecular orbital of **4**.

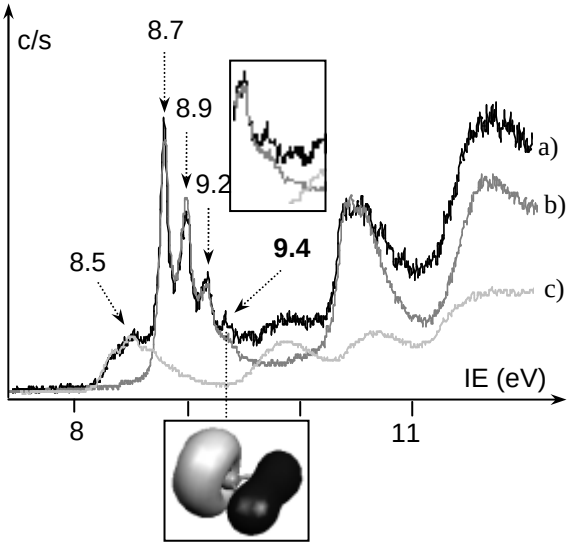

Figure SI-3. Photoelectron spectra of a) products of FVT of **2** at 600°C b) DMB c) **2** at 245°C and Molekel visualization of the two first molecular orbitals of **5**.

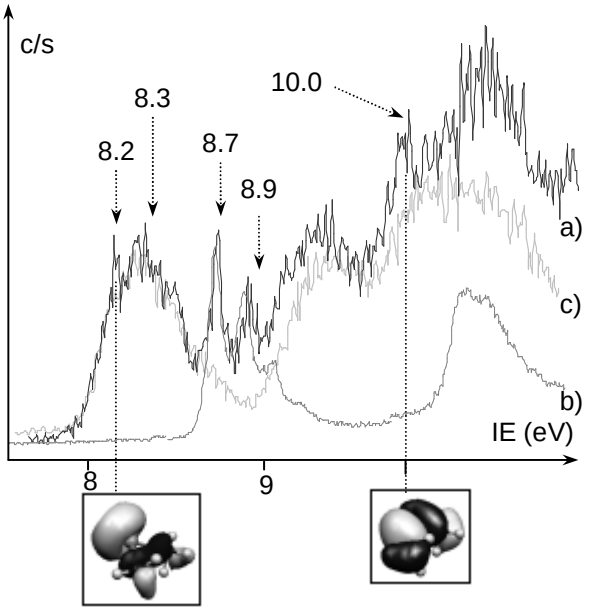

Figure SI-4. PE spectra of products of FVT of **3** at (a) 470°C, (b) 630°C and (c) 875°C.

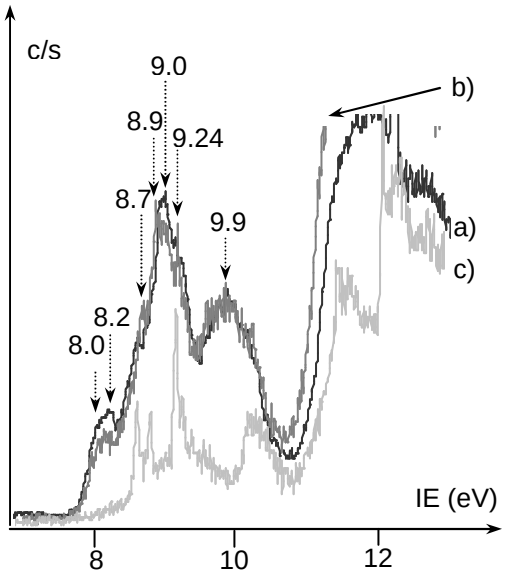

Figure SI-5. UV-Photoelectron spectrum of **8**.

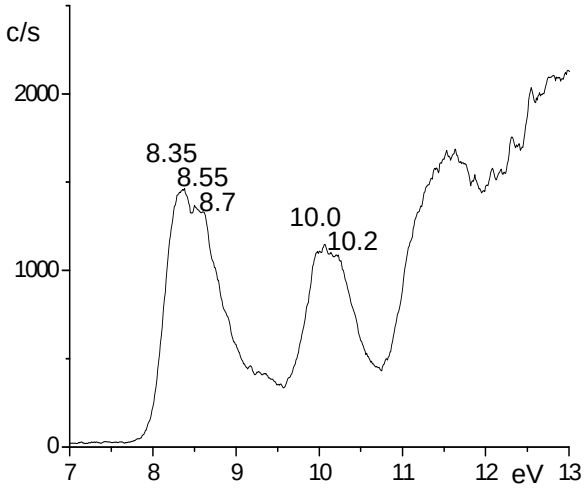

Figure SI-6. UV-Photoelectron spectrum of **9**.

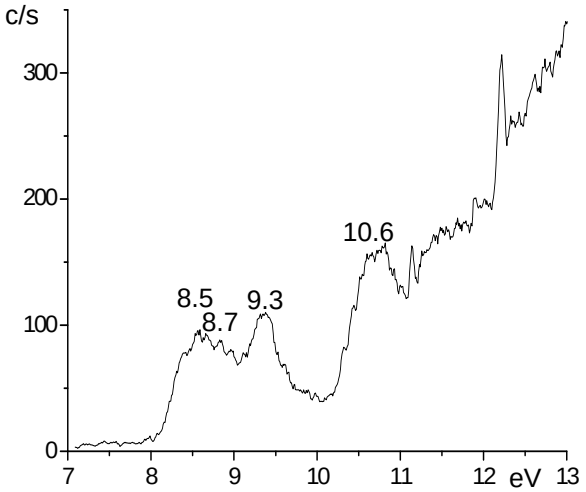

Figure SI-7. Photoelectron spectra of FVT of **8** at 380°C and of DMB.

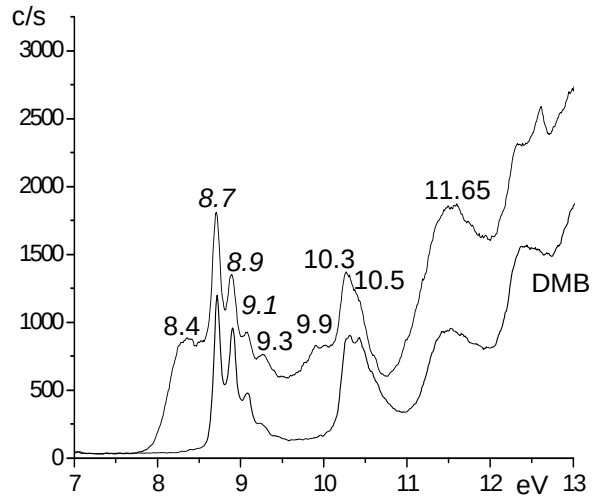

Figure SI-8. Photoelectron spectra of **9** thermolysed at 240°C and of DMB.