

Supplementary Information

Edge-, width- and strain-dependent semiconductor-metal transition in SnSe nanoribbons

Yucheng Huang^{*}, Chongyi Ling, Hai Liu, Sufang Wang.

Center for Nano Science and Technology, College of Chemistry and Material
Science, The Key Laboratory of Functional Molecular Solids, Ministry of Education,
Anhui Normal University, Wuhu, 241000, Peoples' Republic of China

Table S1. Test calculations for energy cutoff and k-points settings.

Energy cutoff	Energy of bulk SnSe (eV)	Number of k-points	Energy of 5-ZNR (eV)
100	-33.526887	3	-77.281321
150	-32.780371	4	-77.280047
200	-32.809316	5	-77.277008
250	-32.830009	6	-77.275635
300	-32.83318	7	-77.275768
350	-32.833772	8	-77.275682
400	-32.834969	9	-77.275688
450	-32.833962	10	-77.275667

^{*} E-mail: huangyc@mail.ahnu.edu.cn.