

## <sup>55</sup>Ti

<sup>55</sup>Ti was first identified by Breuer et al. in 1980 as described in “Production of neutron-excess nuclei in <sup>56</sup>Fe-induced reactions” (1980Br26). <sup>56</sup>Fe ions were accelerated to 8.3 MeV/u by the Berkeley Laboratory SuperHILAC accelerator and bombarded self-supporting <sup>238</sup>U targets. <sup>55</sup>Ti and <sup>56</sup>Ti were produced in deep-inelastic collisions and identified with a  $\Delta E$ -E time-of-flight semiconductor detector telescope. “In this paper we report identification of seven previously unobserved nuclides: <sup>52–53</sup>Sc, <sup>54–55</sup>Ti, <sup>56</sup>V, and <sup>58–59</sup>Cr. In addition, tentative evidence is found for <sup>56</sup>Ti, <sup>57–58</sup>V, <sup>60</sup>Cr, <sup>61</sup>Mn, and <sup>63</sup>Fe.” 24±7 events of <sup>55</sup>Ti were observed. A few month earlier Guerreau et al. had reported “only hints for” <sup>55</sup>Ti (1980Gu09).

The assignment was changed from the original compilation which credited Guerreau et al. with the discovery of <sup>55</sup>Ti (2011Me01).

- 1980Br26 H. Breuer, K. L. Wolf, B. G. Glagola, K. K. Kwiatkowski *et al.*, Phys. Rev. C **22**, 2454 (1980).  
1980Gu09 D. Guerreau, J. Galin, B. Gatty, X. Tarrago *et al.*, Z. Phys. A **295**, 105 (1980).  
2011Me01 D. Meierfrankenfeld, A. Bury, and M. Thoennessen, At. Data Nucl. Data Tables **97**, 134 (2011).

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