

## TOTAL REACTION CROSS SECTIONS MEASUREMENT

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Preliminary results of measurements of the total reaction cross sections  $\sigma_R$  for weakly-bound  $^6\text{He}$ ,  $^8\text{Li}$ ,  $^7,9,12,14\text{Be}$  nuclei at energy range (25-45) A MeV  $^{27}\text{Al}$  and  $^{208}\text{Pb}$  targets are presented. The secondary beams of  $^6\text{He}$ ,  $^8\text{Li}$ ,  $^7,9,12,14\text{Be}$  were produced by bombardment of the  $^{22}\text{Ne}$  (40 A MeV) and  $^{11}\text{B}$  (33 A MeV) primary beam on Be (89 mg/cm<sup>2</sup>) target and separated by COMBAS fragment-separator. In dispersive focal plane a horizontal slit defined the momentum acceptance as 1% and a wedge degrader of 200  $\mu\text{m}$  Al was installed. The Bp of the second section of the fragment-separator was adjusted for measurements in energy range (25-45) A MeV. The secondary products were detected by a telescope consisting of two Si  $\Delta E$  detectors 300  $\mu\text{m}$ , 1000 $\mu\text{m}$  and E-detector, which consisted of nine CsI/Tl granules.

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