

Fig. 1. Map of epicenters and isolines of density of earthquakes epicenters in a circular area of radius $R=100$ km (a), the vectors of a chain of earthquakes and model the chain of events that were allocated in the angular sector of the azimuthal analysis $q=10^\circ$ (b).

1 – epicenters of earthquakes with $950 K_p=8$ (1980-2004).; 2 – “epicenters” of the model chain from $n_1=3$ (azimuth $\alpha_1=25^\circ$), $n_2=4$ ($\alpha_2=75^\circ$) and $n_3=5$ ($\alpha_3=225^\circ$) events; 3 – the scale of density of earthquakes epicenters in the **circular areas with radius** $R=10$ km; 4 – vectors 22 chains of earthquakes; 5 – vectors of three model chains of events; 6 – the main faults.

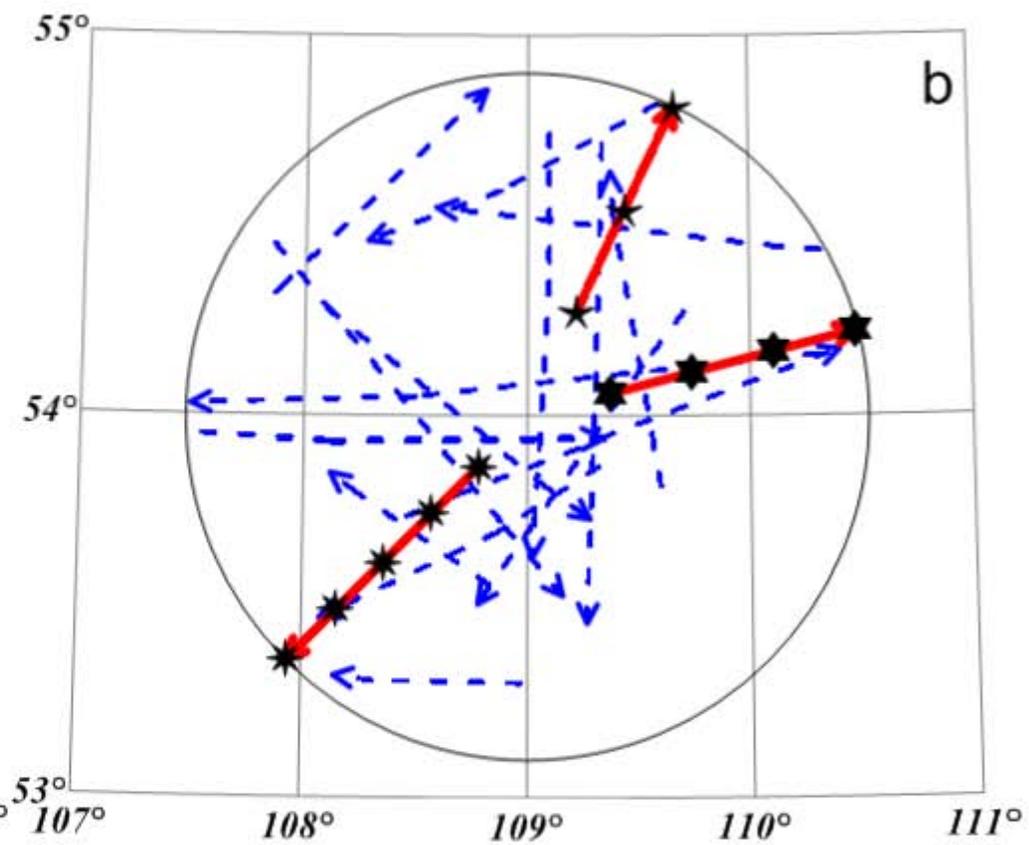
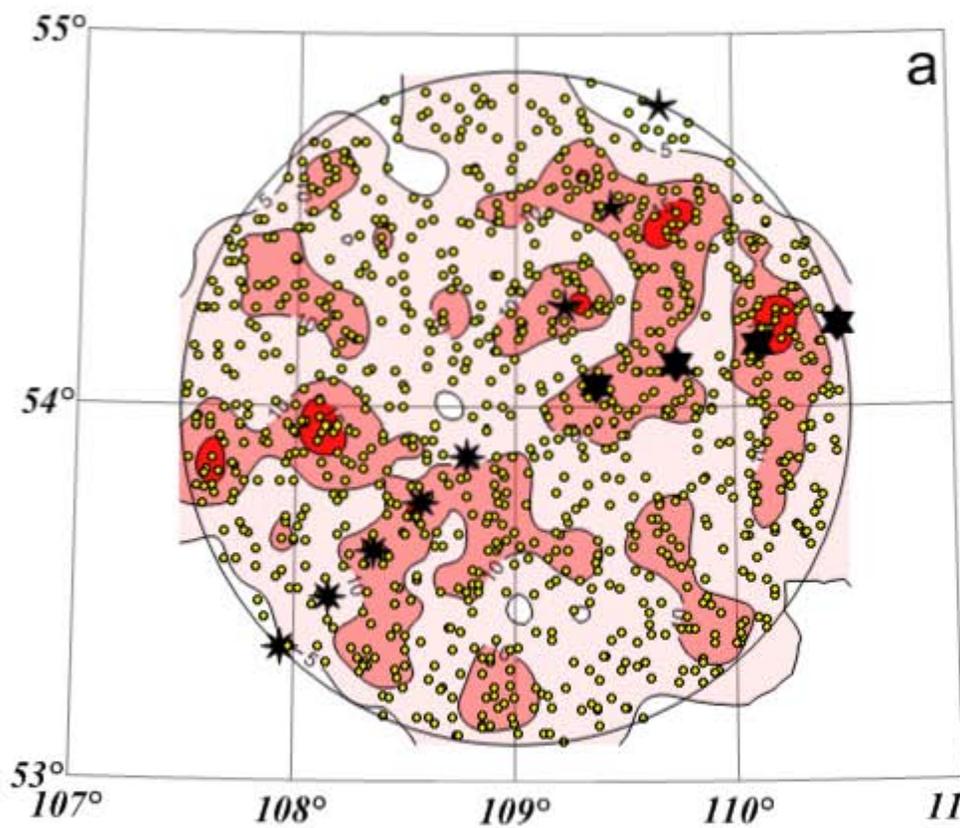
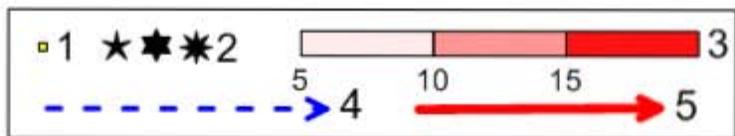


Fig. 2. Map-scheme of "epicenters" and isolines of density of "epicenters" of simulation events in a round site with radius $R=100$ km (a), vectors of chains of simulation events and model chains of events selected at $q=10^\circ$ (b).

1 - "epicenters" of 950 simulation events; 2 – "epicenters" of model chains of $n_1=3$ (azimuth $\alpha_1=25^\circ$), $n_2=4$ ($\alpha_2=75^\circ$) and $n_3=5$ ($\alpha_3=225^\circ$) events; 3 – scale of density "epicenters" of events in **round areas** with radius $R=10$ km; 4 – vectors of 15 chains of simulation events; 5 – vectors of three model chains of events.

Fig. 3. Map of epicenters and isolines of the density of earthquake epicenters in the zone of the Tunka fault (a), the vectors of a chain of earthquakes and model the chain of events that have been defined and allocated at $q=10^\circ$ (b).

1 – 1224 epicenters of earthquakes with energy class $K_P \geq 8$ (1964-2014).; 2 – “epicenters” model of chains of $n_1=5$, $n_2=4$ and $n_3=3$ events inserted at a distance of 5, 15 and 25 km away from fault lines, respectively; 3 – the scale of density of earthquakes epicenters in **square areas** with a side of 10 km; 4 – Tunka fault; 5 – vectors 66 chains of earthquakes; 6 – vectors of three model chains of events.

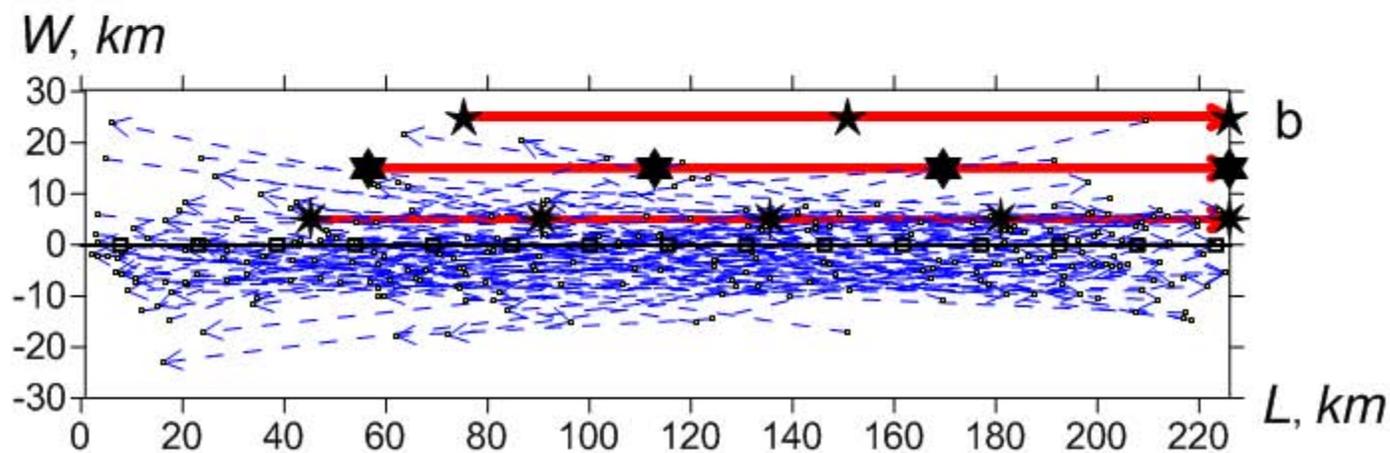
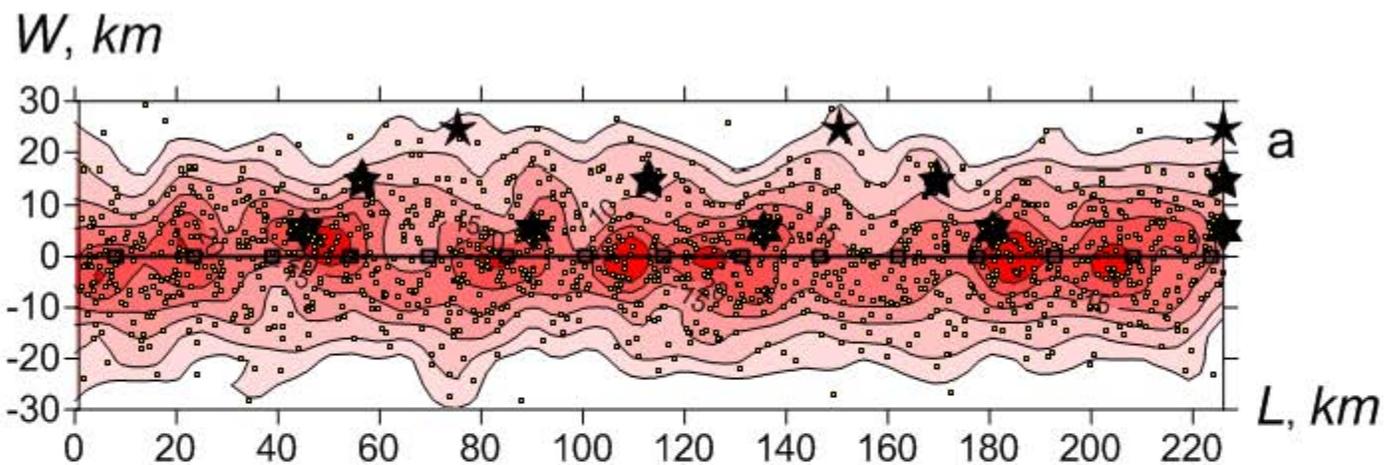
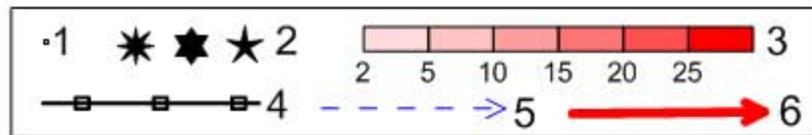


Fig. 4. Map-scheme of "epicenters" and isolines of density of "epicenters" of simulation events in a rectangular area of the "fault" zone (a), vectors of chains of simulation events and model chains of events defined and isolated at $q=10^\circ$ (b).

1 - "epicenters" of 1224 simulation events; 2 - "epicenters" of model chains of $n_1=5$, $n_2=4$ and $n_3=3$ events inserted at a distance of 5, 15 and 25 km from the virtual "fault" line, respectively; 3 - density scale of "epicenters" of simulation events in **square areas** with a side of 10 km; 4 - virtual "fault"; 5 - vectors of 85 chains of simulation events; 6 - vectors of three model chains of events.