I'll try this next time.
but system is not responding at all when crashing, nothing
is displayed, console switch is not working, no disk activity.
power off is the only way...

Seems to me 2.6.18-164.2.1.el5.028stab066.7 is a "troublemaker",
I put it on another hardware (dell 2800) and it crashed too (while
2.6.18-128.2.1.el5.028stab064.7 is no concern with the exact same configuration and hardware).

It is bad debuginfo capabilities are not in spec file anymore,
I am curious to know what could be the event triggering the crash.