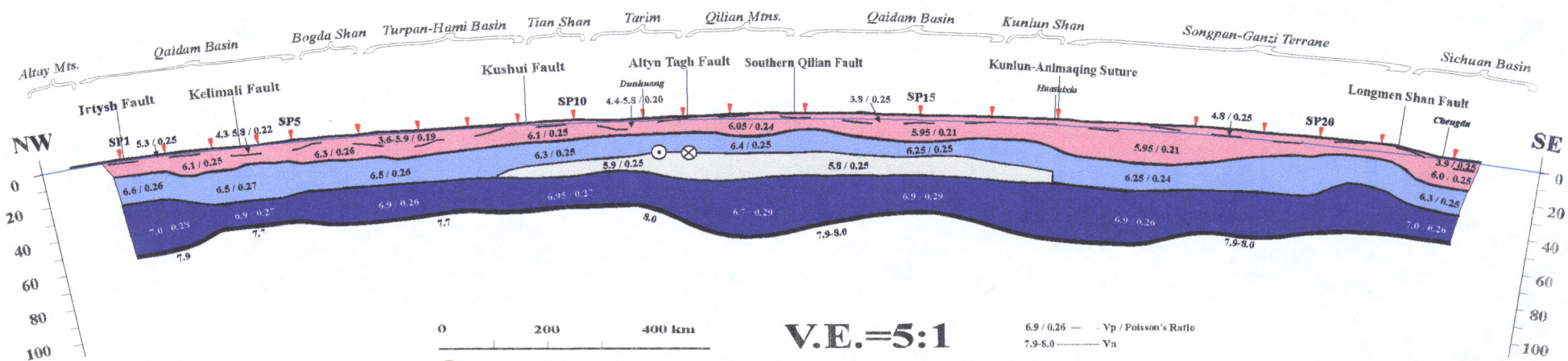
Altay Mts.
Qaidam Basin
Bogda Shan
Turpan-Hami Basin
Tian Shan
Tarim
Qilian Mtns.
Qaidam Basin
Kunlun Shan
Songpan-Ganzi Terrane
Sichuan Basin
Irtysh Fault
Kelimali Fault
Kushui Fault
Altyn Tagh Fault
Southern Qilian Fault
Kunlun-Animaqing Suture
Longmen Shan Fault
Dunhuang
Huashixia
Chengdu
NW
SE
SP1
SP5
SP10
SP15
SP20
5.3 / 0.25
4.3-5.3 / 0.22
3.6-5.9 / 0.19
6.1 / 0.25
6.3 / 0.26
4.4-5.8 / 0.20
6.05 / 0.24
3.8 / 0.25
5.95 / 0.21
4.8 / 0.25
6.6 / 0.26
6.5 / 0.27
6.5 / 0.26
6.3 / 0.25
5.9 / 0.25
6.4 / 0.25
5.8 / 0.25
6.25 / 0.25
6.25 / 0.24
3.9 / 0.25
6.0 / 0.25
6.3 / 0.25
7.0 / 0.23
6.9 / 0.27
6.9 / 0.26
6.95 / 0.27
6.7 / 0.29
6.9 / 0.29
6.9 / 0.26
7.0 / 0.26
7.9
7.7
7.7
8.0
7.9-8.0
7.9-8.0
0
20
40
60
80
100
0
200
400 km
V.E.=5:1
6.9 / 0.26 ---- Vp / Poisson's Ratio
7.9-8.0 ---------- Vn