

Boulby Programme
 Boulby Facility
 NaIAD Status
 ZEPLIN I Status
 ZEPLIN III Status
 ZEPLIN MAX Future

ZEPLIN I Discrimination

Remove the background

- Surface neutron calibrations to 3keV_{ee}
- Surface ambient neutrons below 10keV_{ee}
- Ratio held at $0.5 < 7\text{keV}_{ee}$ (conservative)
- Fitted \square density function in $1/\square$
- Underground gamma calibration to 2keV
- Consistent with beam tests ($0.6@15\text{keV}_{ee}$)
- Check on efficiency of PMT noise cuts

