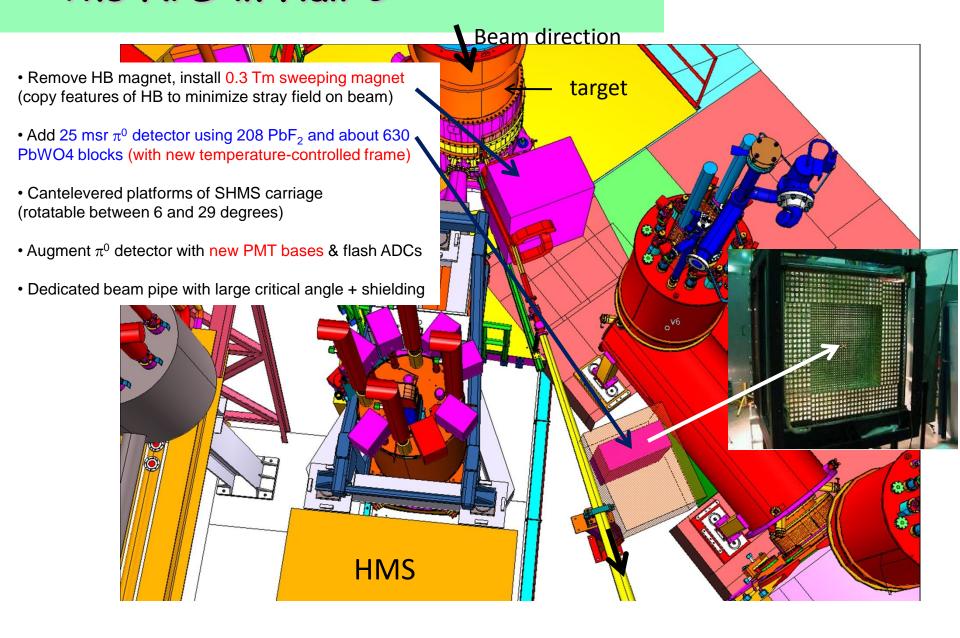
NPS Design Considerations

- Full Spectrometer (1116 new PbWO₄ crystals): >\$2M
 - Mainly because of the price of PbWO₄ crystals

- Hybrid Spectrometer re-using PbF₂ from DVCS/HA and PbWO₄ from HyCal
 - Same solid angle
 - Suitable for NSF/MRI program

The NPS in Hall C



MRI Draft Budget

| Item | Quantity | Funds requested | University Cost Share | |
|------------------------------|----------|-----------------|------------------------------|---|
| PbWO4 | 60 | 90,090 | 38,610 | • |
| PMT+mag. Shield | 60 | 21,021 | 9,009 | |
| PMT voltage dividers | 630 | 63,063 | 27,027 | |
| Amplifiers | 630 | 3,468 | 1,486 | |
| Magnet Construction | 1 | 121,781 | 52,192 | |
| Temperature Controlled Frame | 1 | 45,045 | 19,305 | |
| Cooler System for Frame | 1 | 11,011 | 4,719 | |
| Motion Controller | 1 | 8,008 | 3,432 | |
| Light monitoring system | 1 | 44,044 | 18,876 | |
| UV curing system | 1 | 40,040 | 17,160 | |
| TOTAL | | 447,571 | 191,816 | |

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