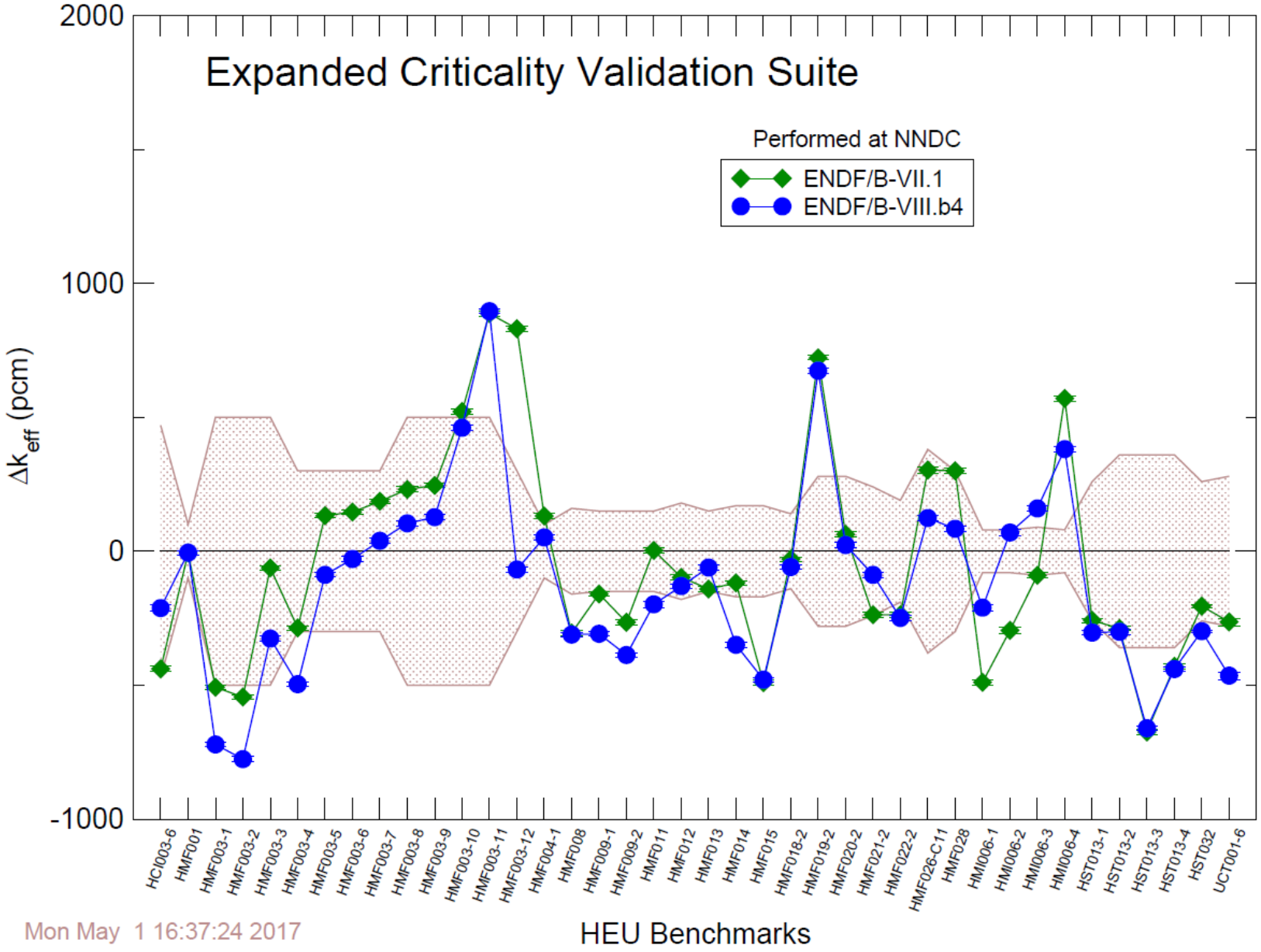
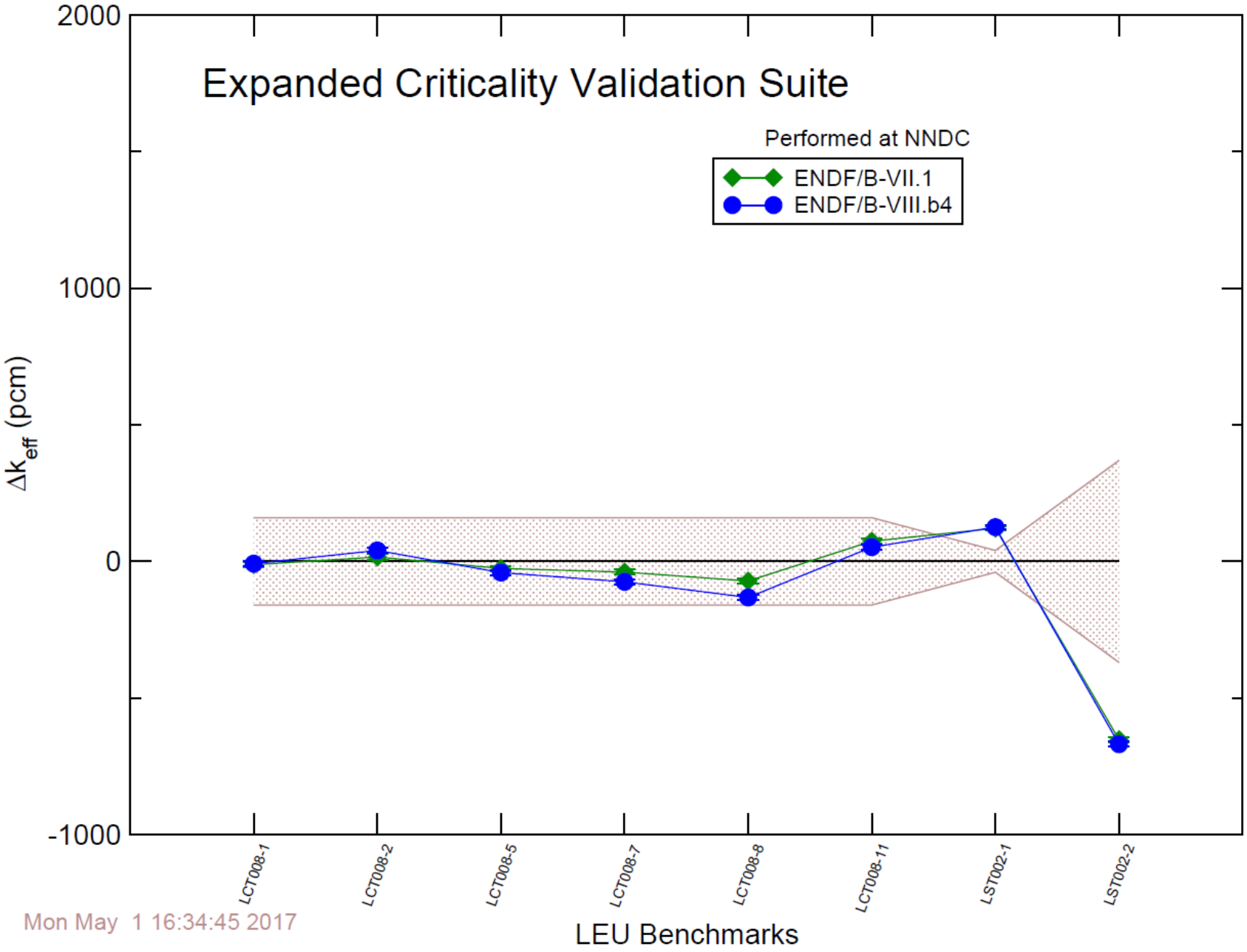
BNL Data Testing

Ramon Arcilla

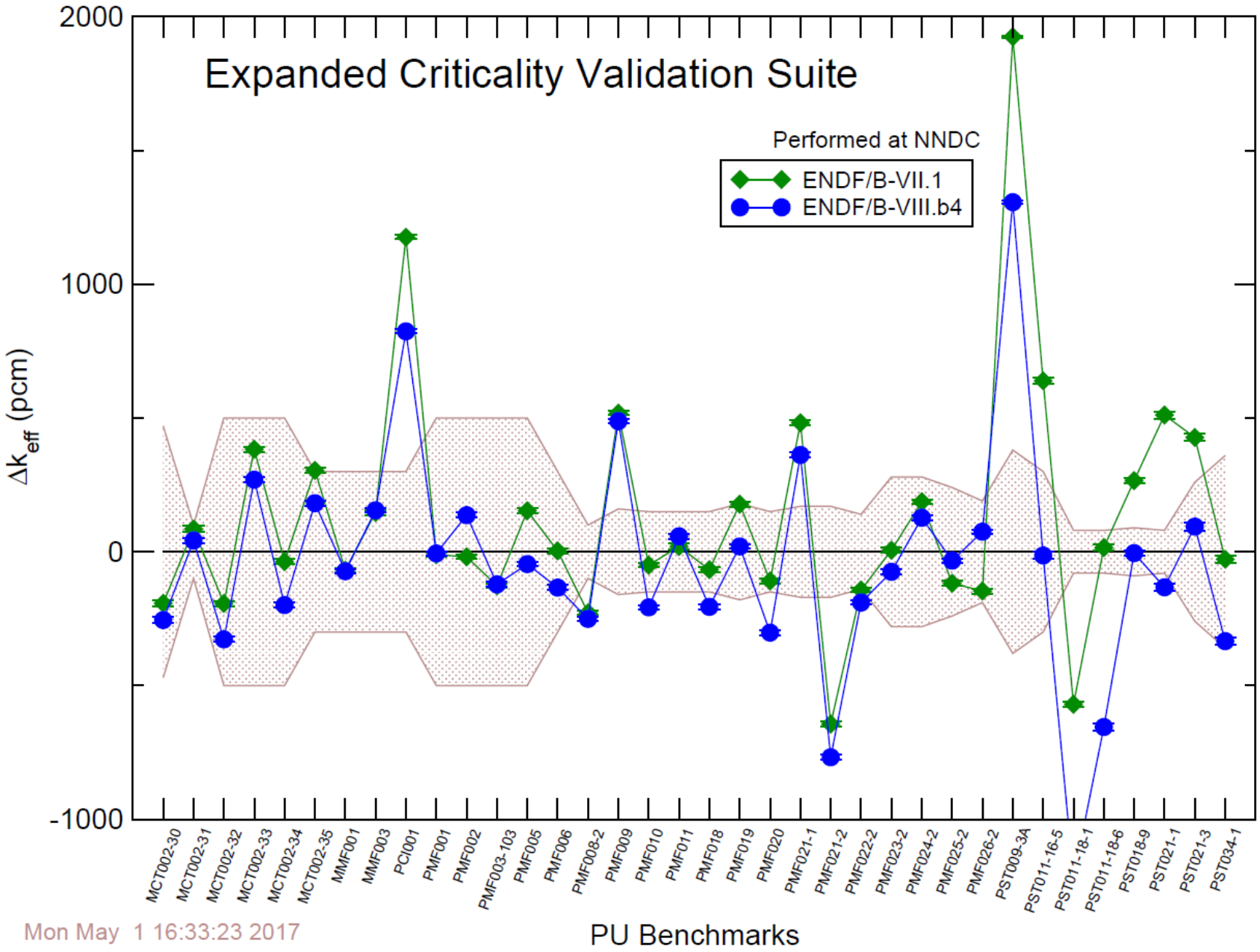
HEU


Expanded Criticality Validation Suite
Performed at NNDC
ENDF/B-VII.1
ENDF/B-VIII.b4
2000
1000
0
-1000
Δk_eff (pcm)
HCI003-6
HMF001
HMF003-1
HMF003-2
HMF003-3
HMF003-4
HMF003-5
HMF003-6
HMF003-7
HMF003-8
HMF003-9
HMF003-10
HMF003-11
HMF003-12
HMF004-1
HMF008
HMF009-1
HMF009-2
HMF011
HMF012
HMF013
HMF014
HMF015
HMF018-2
HMF019-2
HMF020-2
HMF021-2
HMF022-2
HMF026-C11
HMF028
HMI006-1
HMI006-2
HMI006-3
HMI006-4
HST013-1
HST013-2
HST013-3
HST013-4
HST032
UCT001-6
Mon May 1 16:37:24 2017
HEU Benchmarks

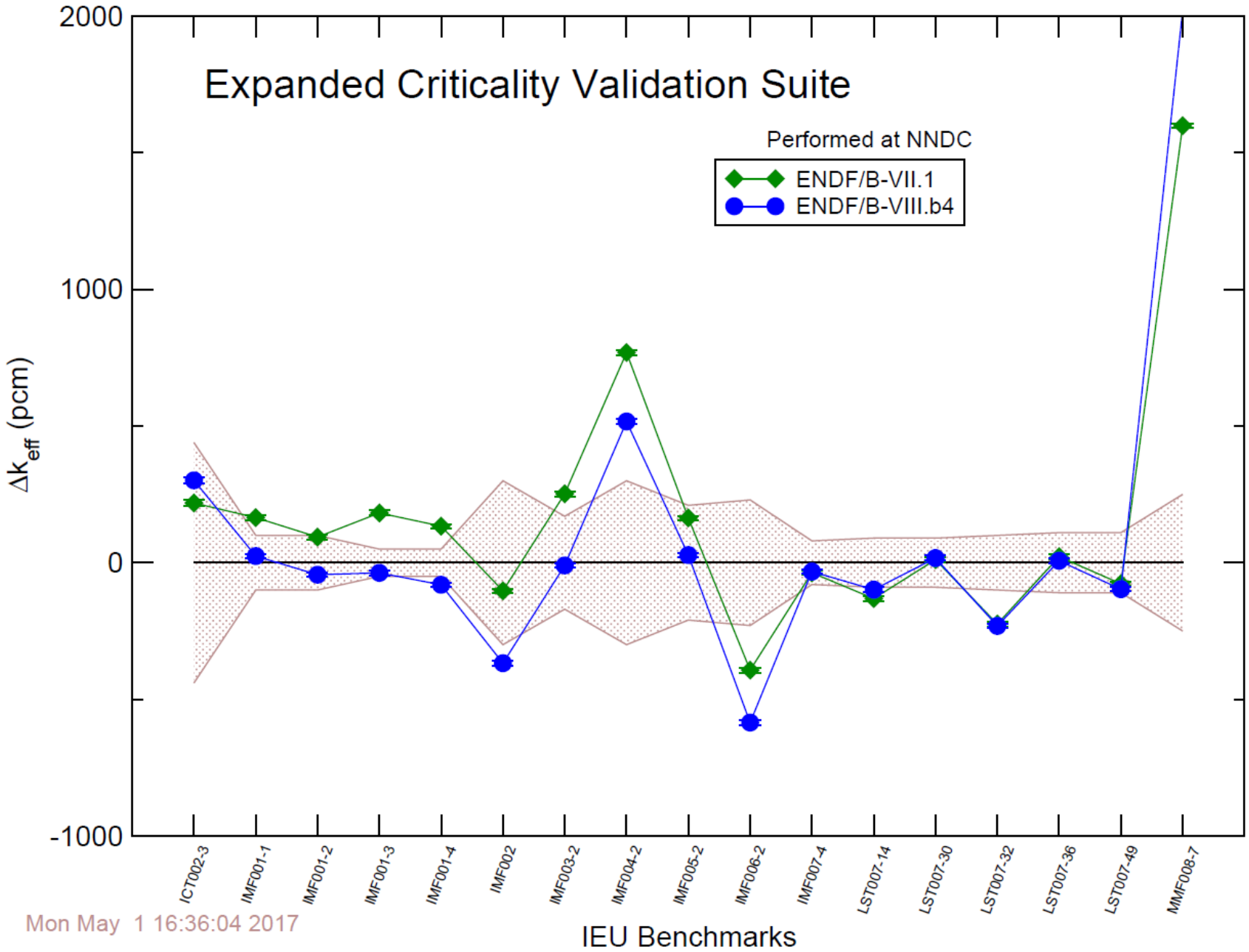
LEU


Expanded Criticality Validation Suite
Performed at NNDC
ENDF/B-VII.1
ENDF/B-VIII.b4
2000
1000
0
-1000
Δk_{eff} (pcm)
LCT008-1
LCT008-2
LCT008-5
LCT008-7
LCT008-8
LCT008-11
LST002-1
LST002-2
LEU Benchmarks
Mon May 1 16:34:45 2017

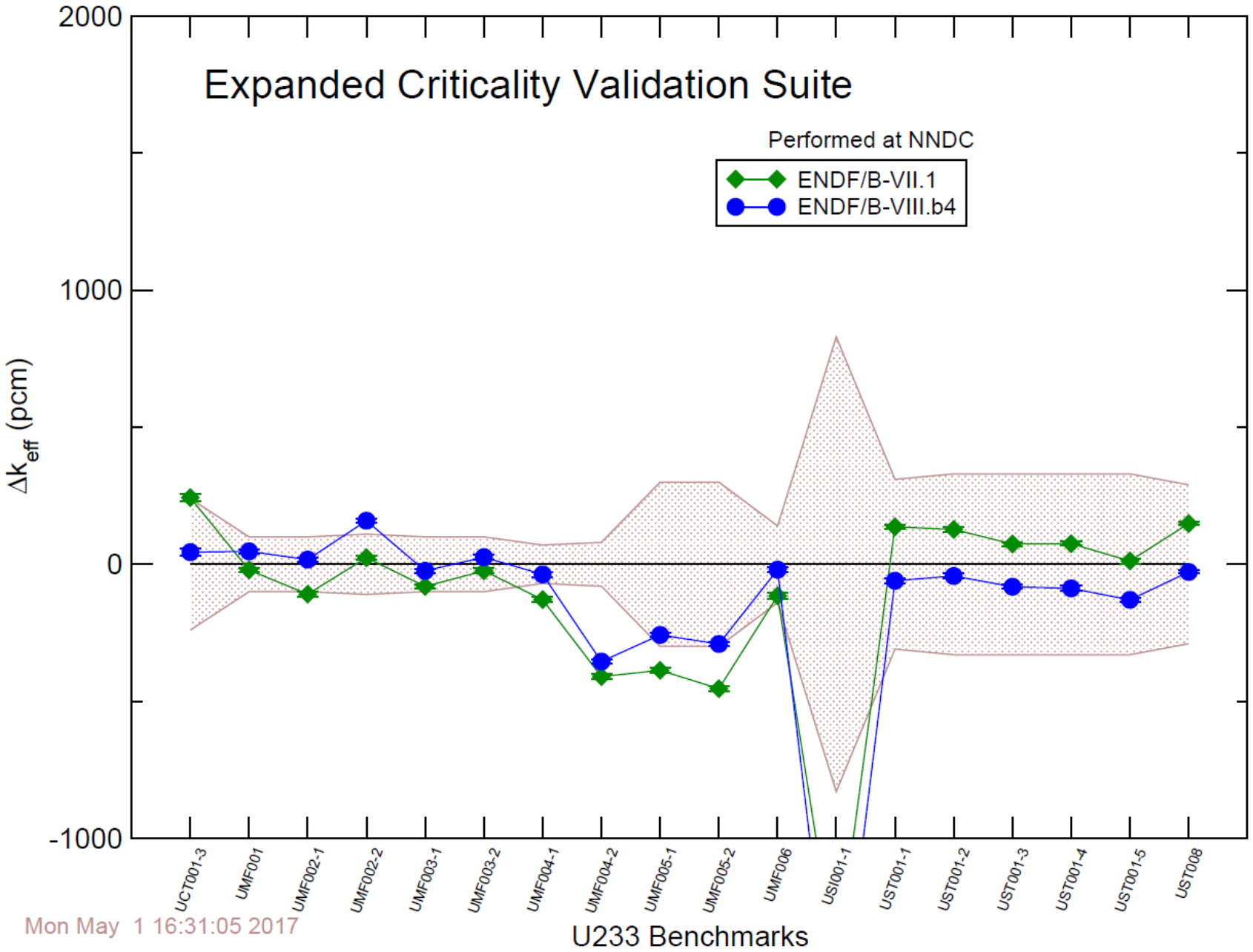
Mxx & Pxx


Expanded Criticality Validation Suite
Performed at NNDC
ENDF/B-VII.1
ENDF/B-VIII.b4
2000
1000
0
-1000
Δk_{eff} (pcm)
MCT002-30
MCT002-31
MCT002-32
MCT002-33
MCT002-34
MCT002-35
MMF001
MMF003
PCI001
PMF001
PMF002
PMF003-103
PMF005
PMF006
PMF008-2
PMF009
PMF010
PMF011
PMF018
PMF019
PMF020
PMF021-1
PMF021-2
PMF022-2
PMF023-2
PMF024-2
PMF025-2
PMF026-2
PST009-3A
PST011-16-5
PST011-18-1
PST011-18-6
PST018-9
PST021-1
PST021-3
PST034-1
Mon May 1 16:33:23 2017
PU Benchmarks

lxx


Expanded Criticality Validation Suite
Performed at NNDC
ENDF/B-VII.1
ENDF/B-VIII.b4
2000
1000
0
-1000
Δk_eff (pcm)
ICT002-3
IMF001-1
IMF001-2
IMF001-3
IMF001-4
IMF002
IMF003-2
IMF004-2
IMF005-2
IMF006-2
IMF007-4
LST007-14
LST007-30
LST007-32
LST007-36
LST007-49
MMF008-7
IEU Benchmarks
Mon May 1 16:36:04 2017

Uxx (^{233}U)


Expanded Criticality Validation Suite
Performed at NNDC
ENDF/B-VII.1
ENDF/B-VIII.b4
2000
1000
0
-1000
Δk_eff (pcm)
UCT001-3
UMF001
UMF002-1
UMF002-2
UMF003-1
UMF003-2
UMF004-1
UMF004-2
UMF005-1
UMF005-2
UMF006
USI001-1
UST001-1
UST001-2
UST001-3
UST001-4
UST001-5
UST008
U233 Benchmarks
Mon May 1 16:31:05 2017