Program EVALPLOT
(Version 2021-1)
by
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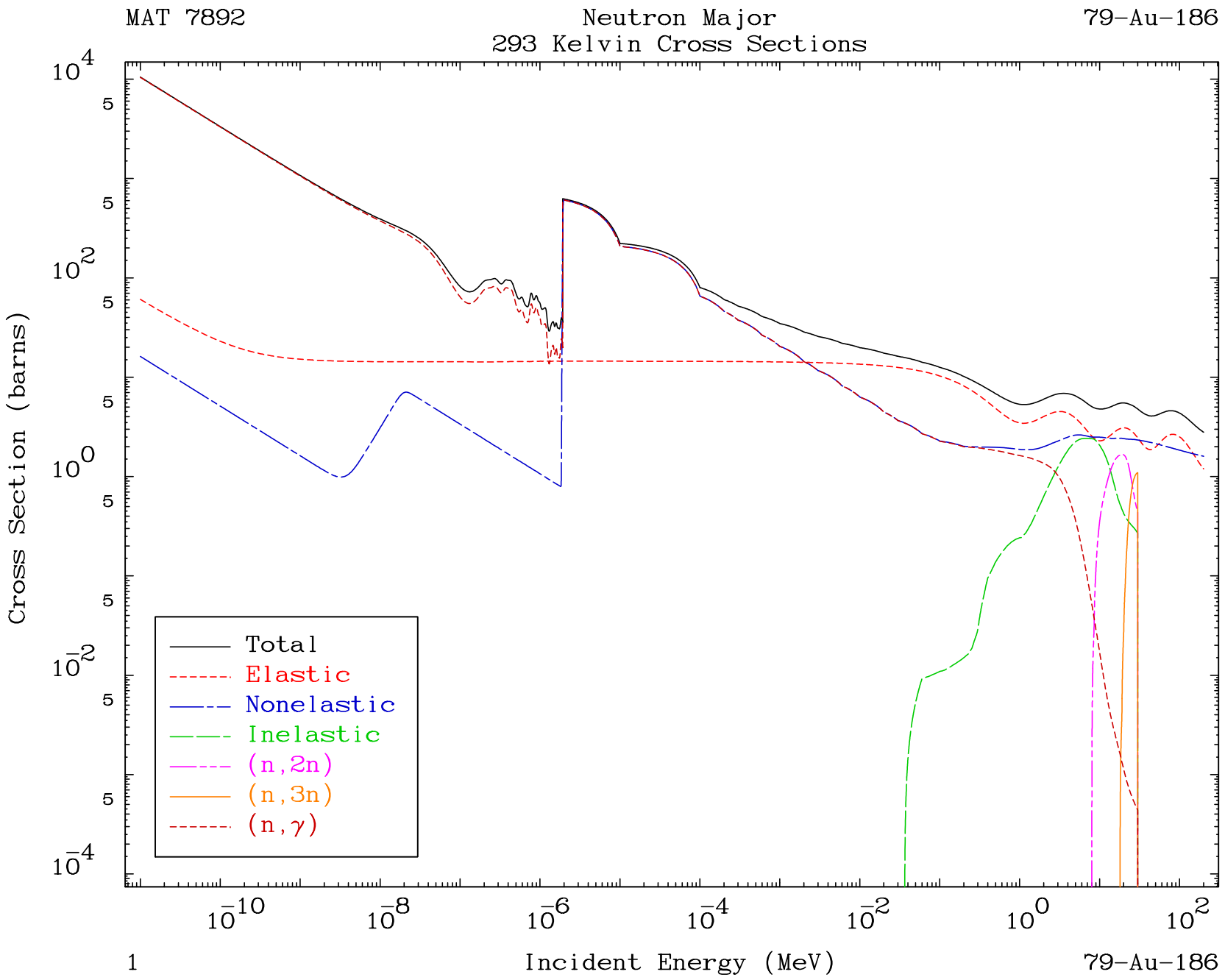
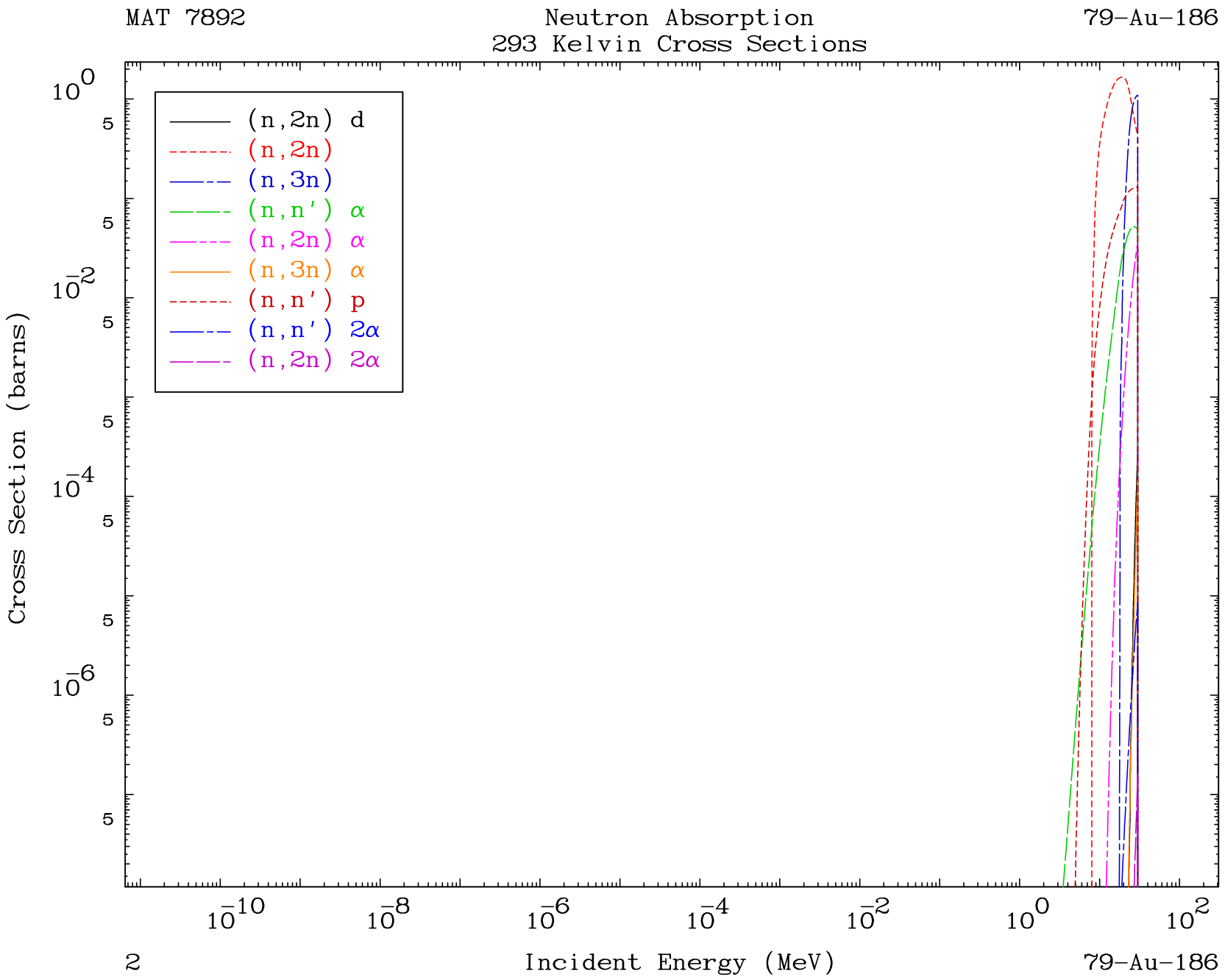
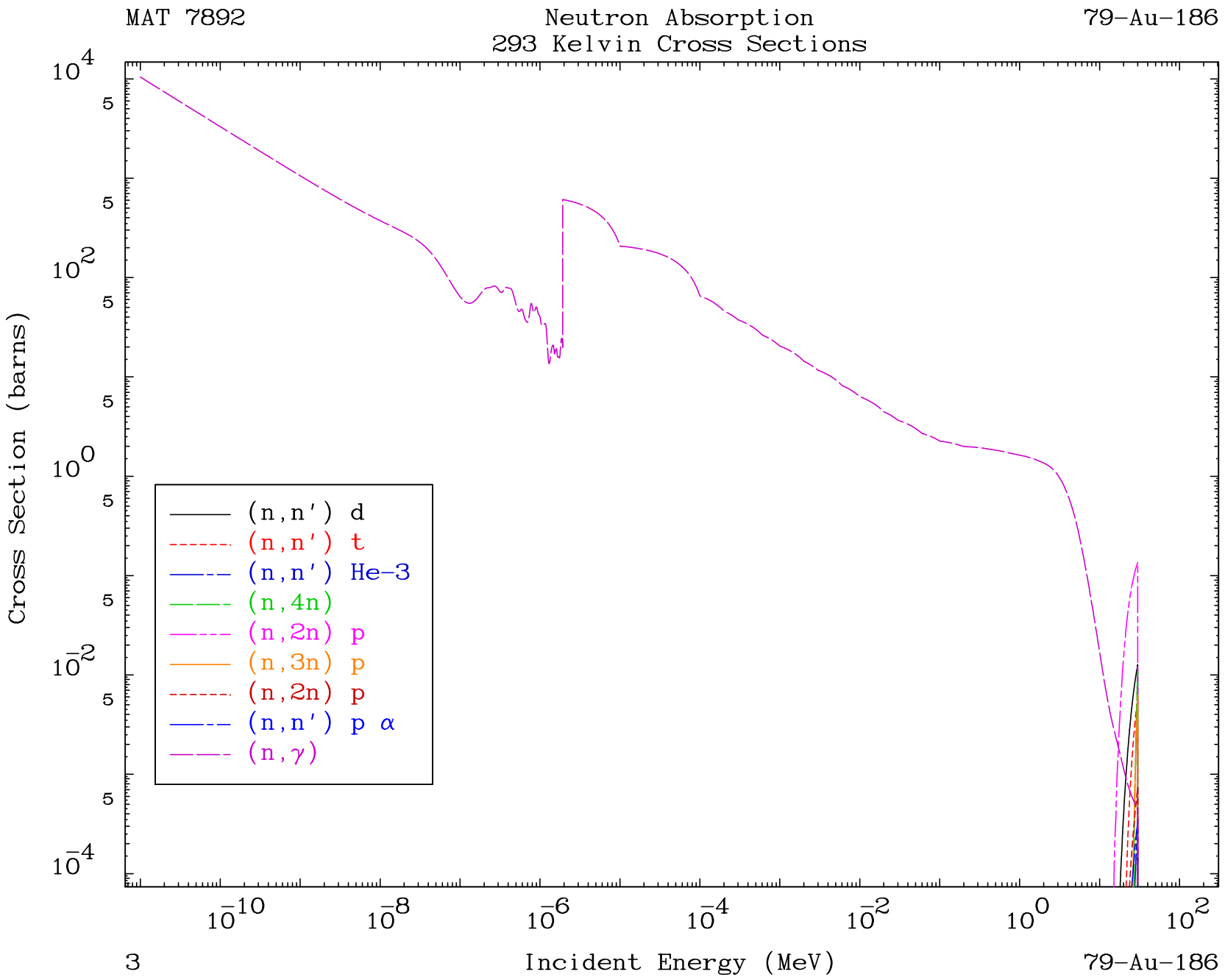
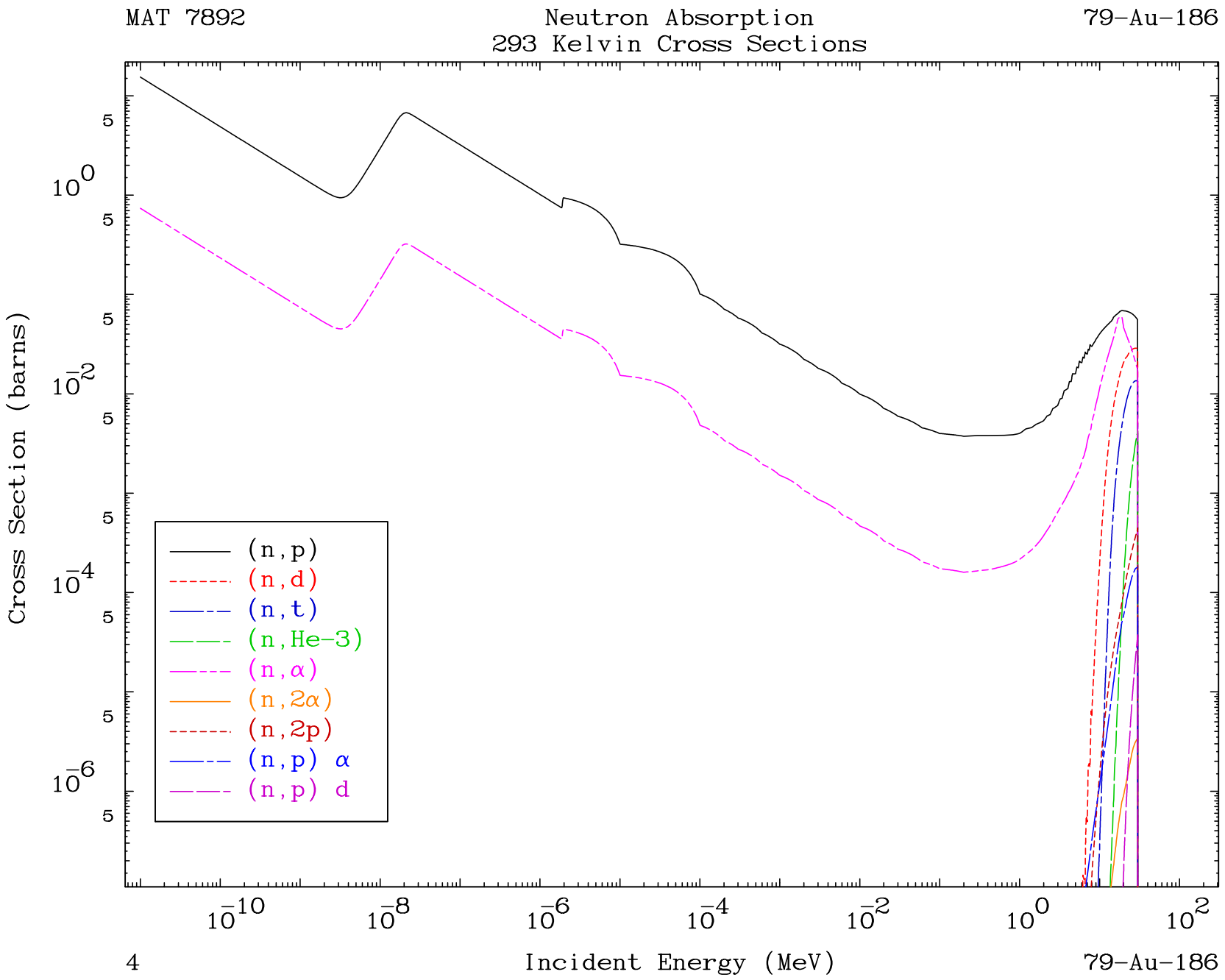
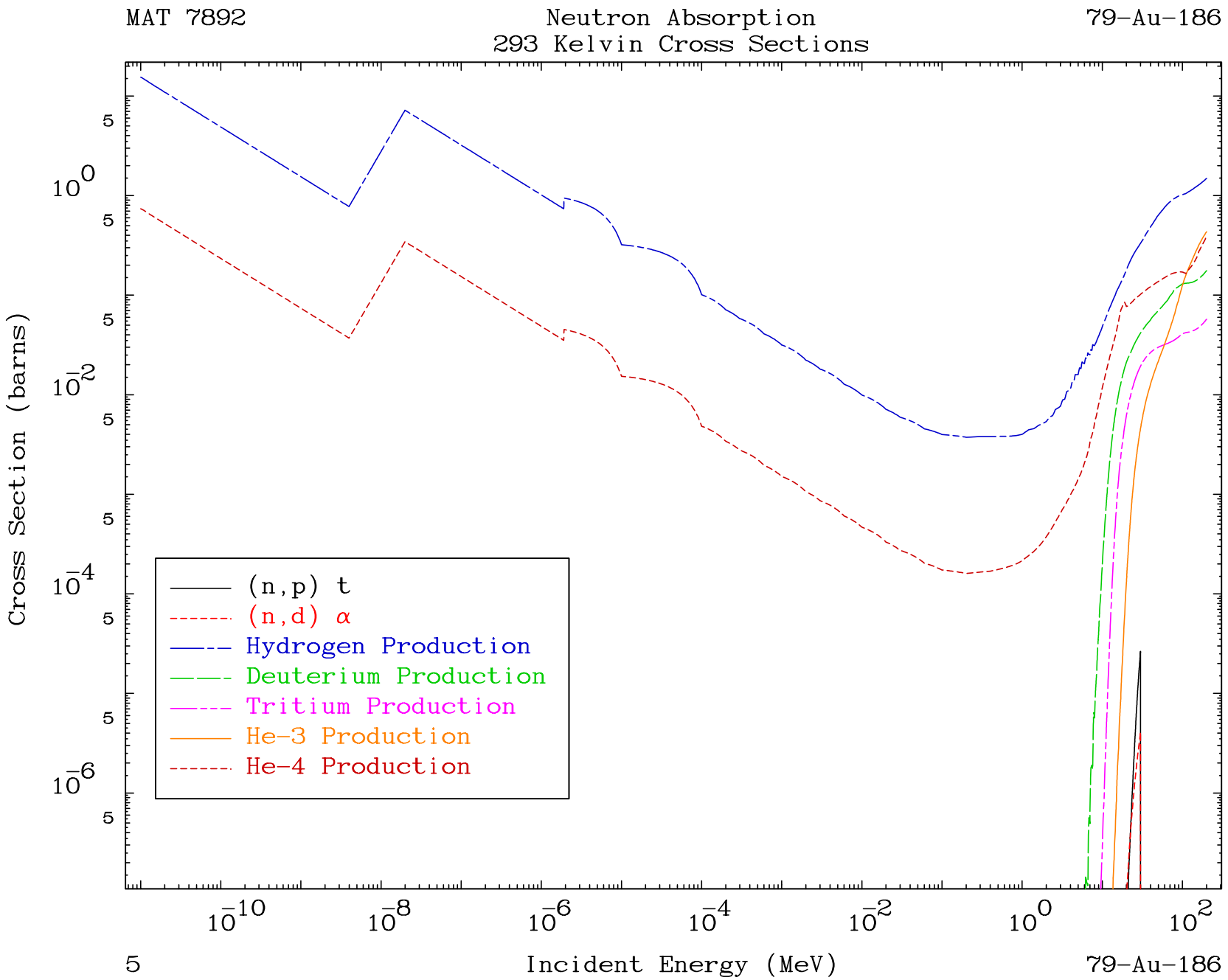
Press Mouse Button to Start

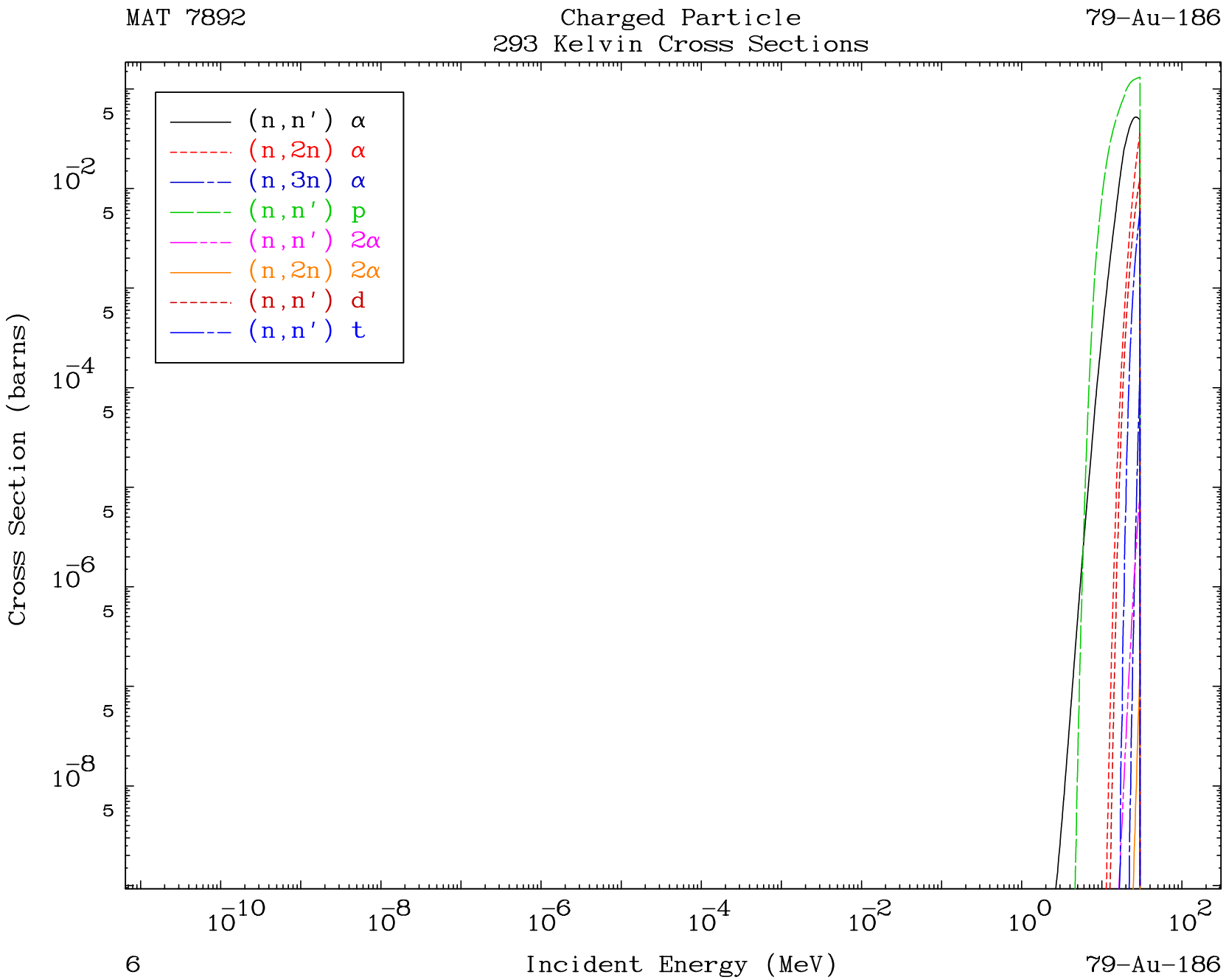

MAT 7892
Neutron Major
293 Kelvin Cross Sections
79-Au-186
Cross Section (barns)
Incident Energy (MeV)
Total
Elastic
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
1
79-Au-186

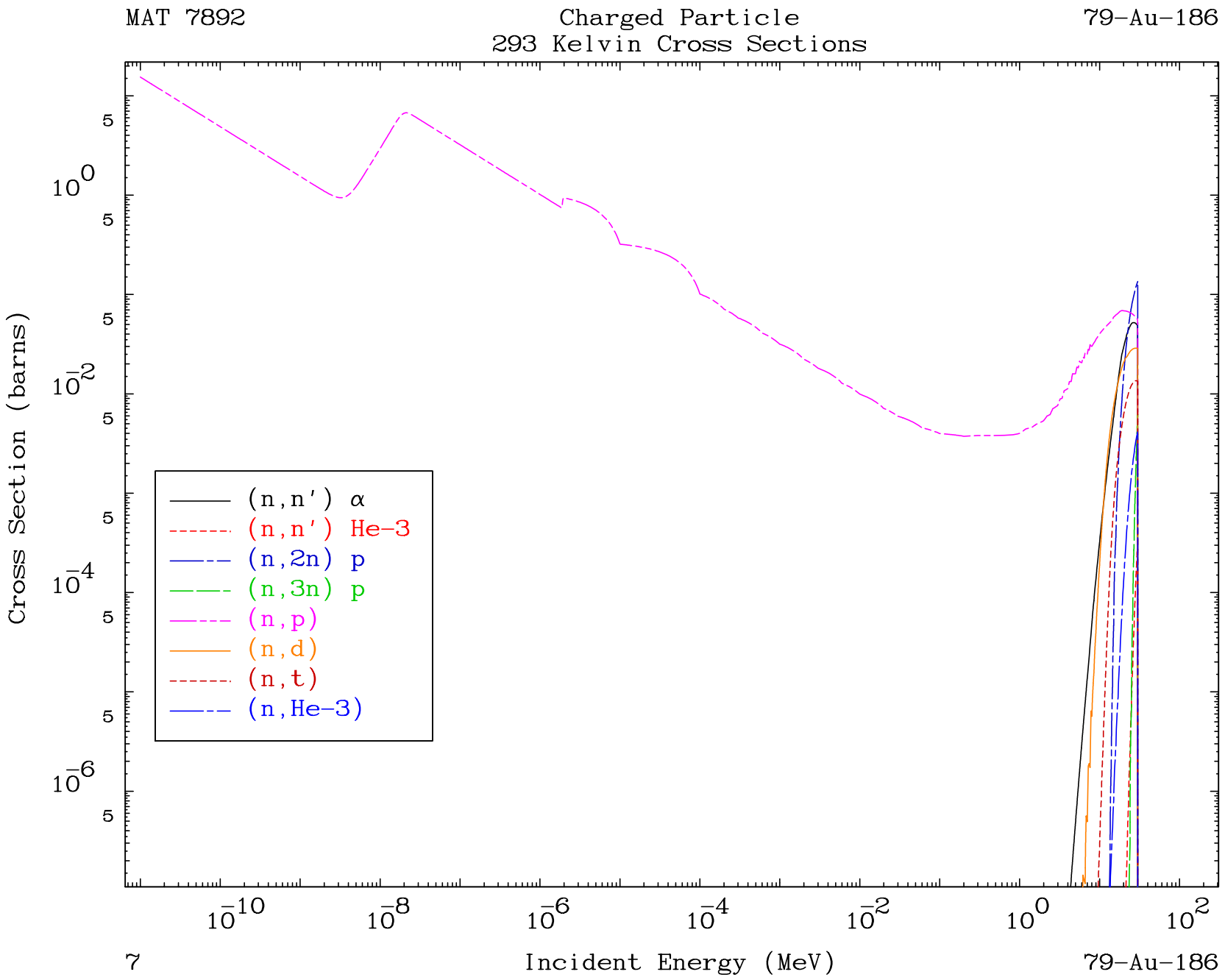

MAT 7892
Neutron Absorption
293 Kelvin Cross Sections
79-Au-186
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
Cross Section (barns)
Incident Energy (MeV)
2
79-Au-186

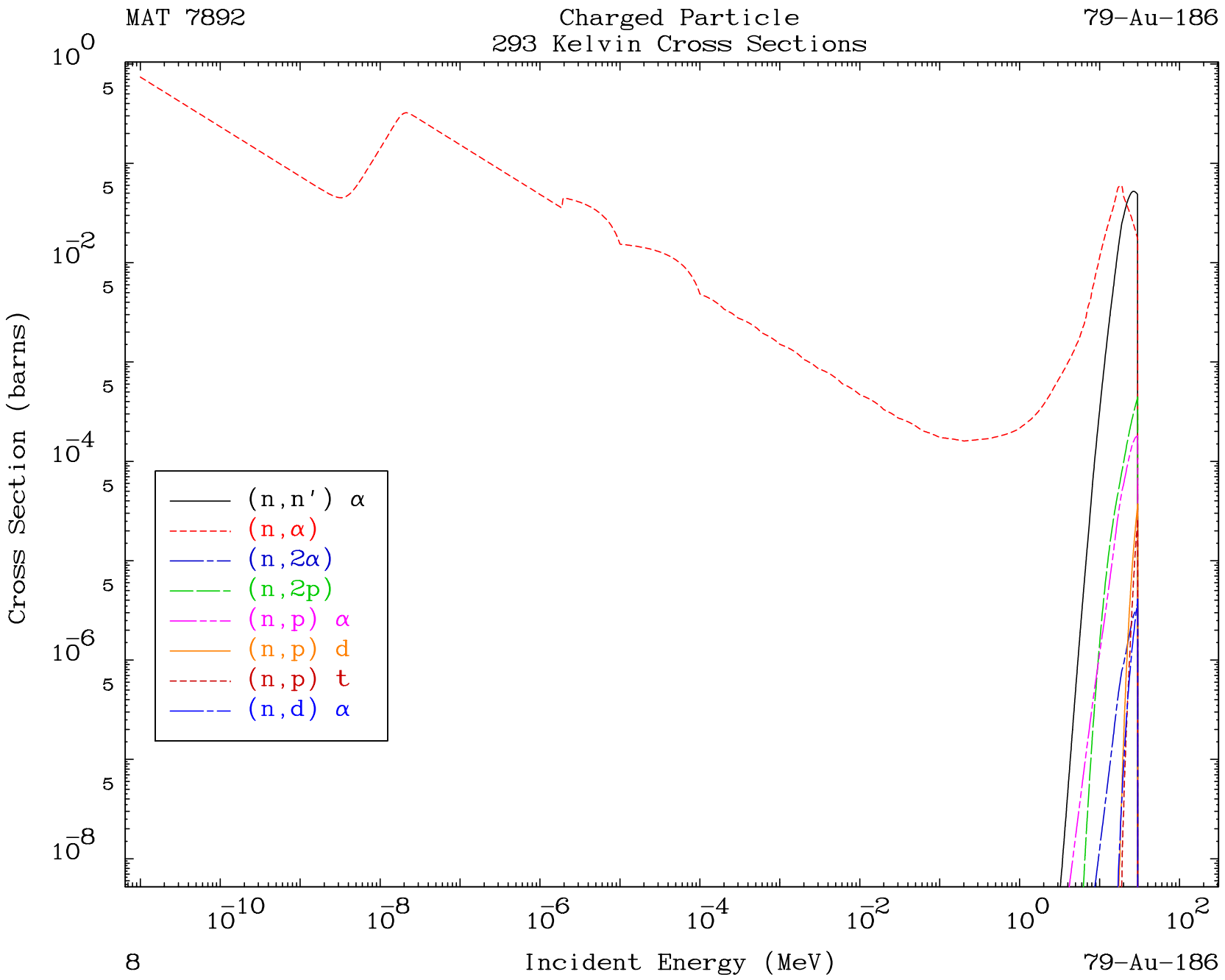

MAT 7892
Neutron Absorption
293 Kelvin Cross Sections
79-Au-186
Cross Section (barns)
Incident Energy (MeV)
(n,n') d
(n,n') t
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
3
79-Au-186

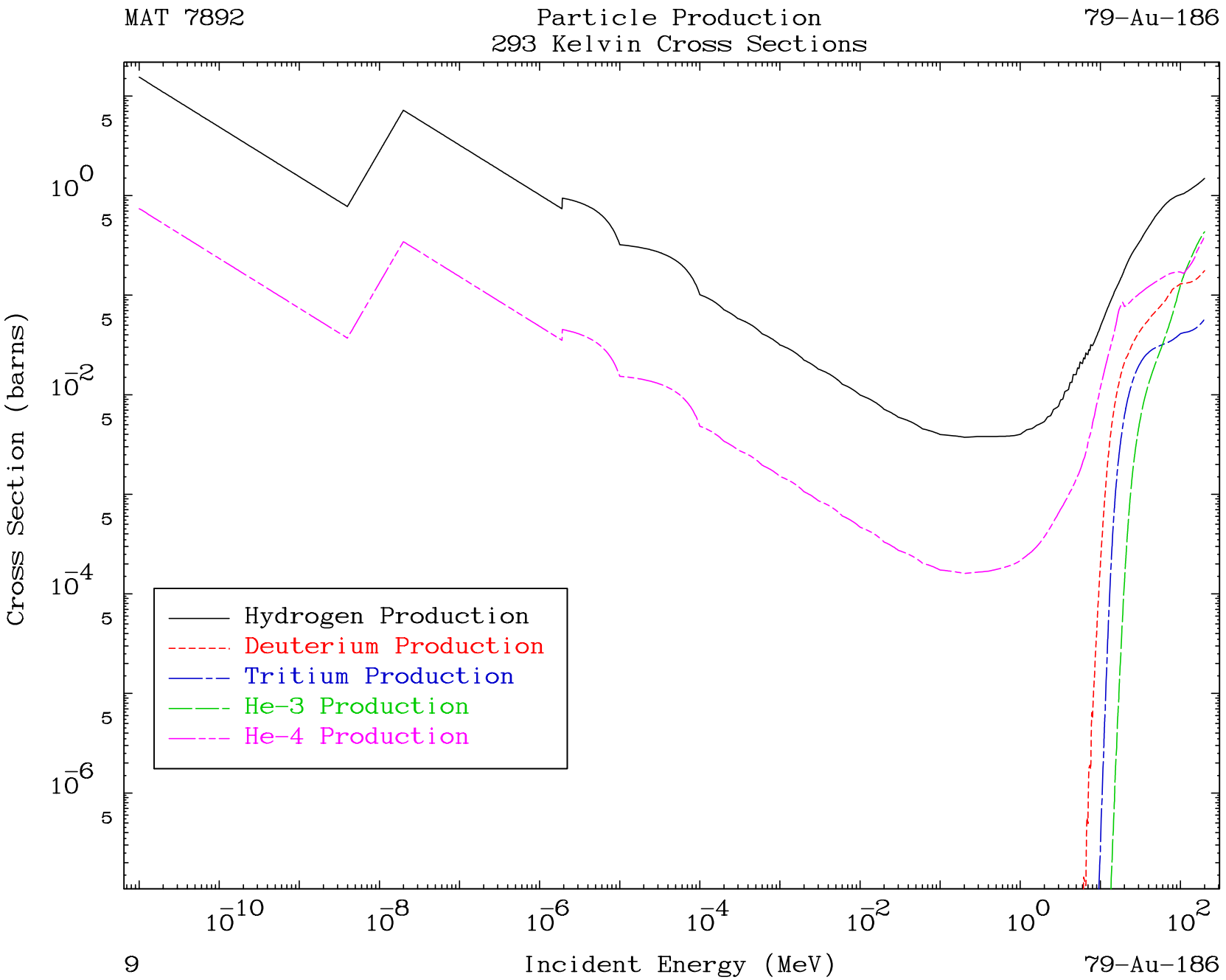

MAT 7892
Neutron Absorption
293 Kelvin Cross Sections
79-Au-186
Cross Section (barns)
Incident Energy (MeV)
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
4
79-Au-186

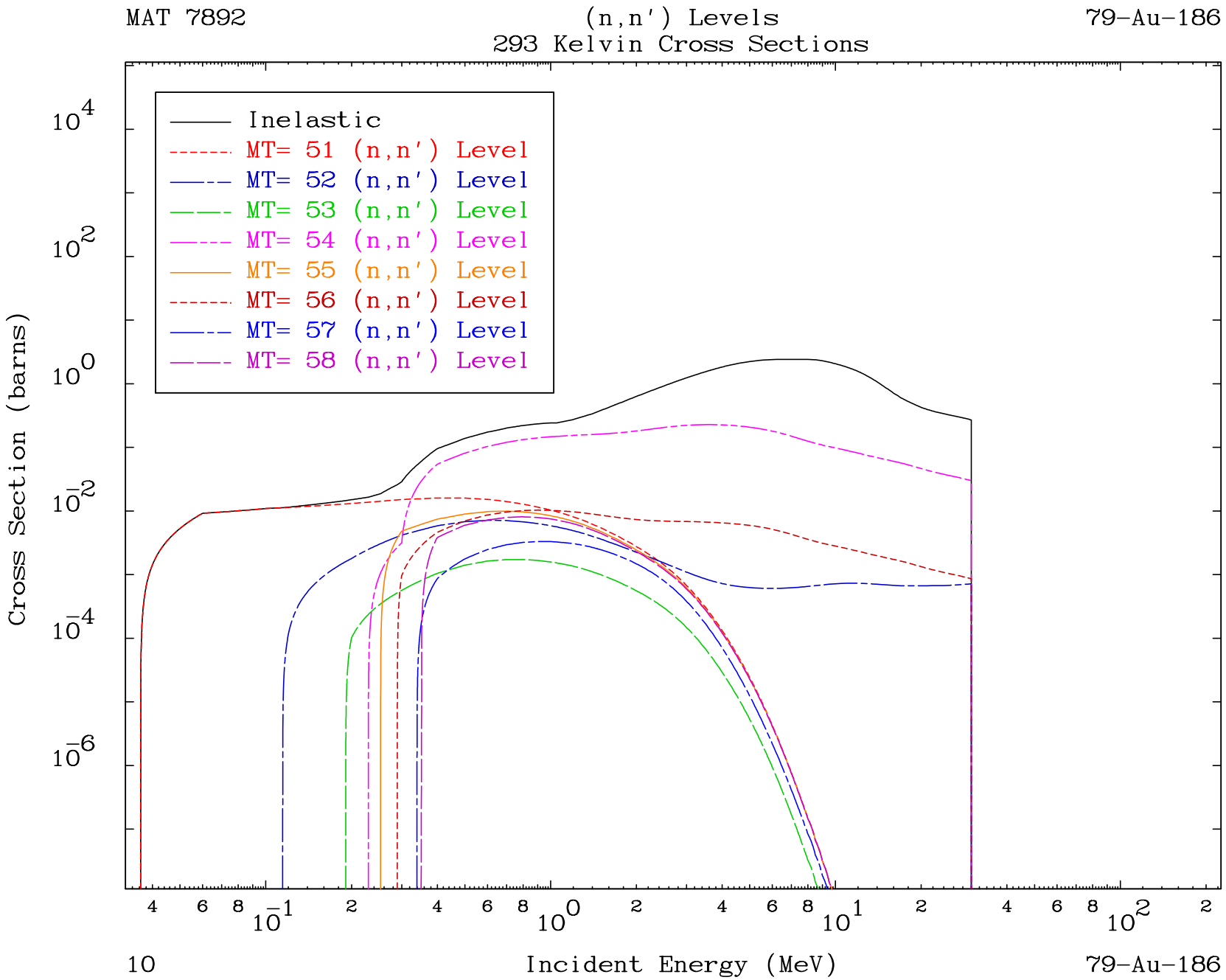

MAT 7892
Neutron Absorption
293 Kelvin Cross Sections
79-Au-186
Cross Section (barns)
10^0
10^-2
10^-4
10^-6
(n,p) t
(n,d) α
Hydrogen Production
Deuterium Production
Tritium Production
He-3 Production
He-4 Production
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
Incident Energy (MeV)
79-Au-186

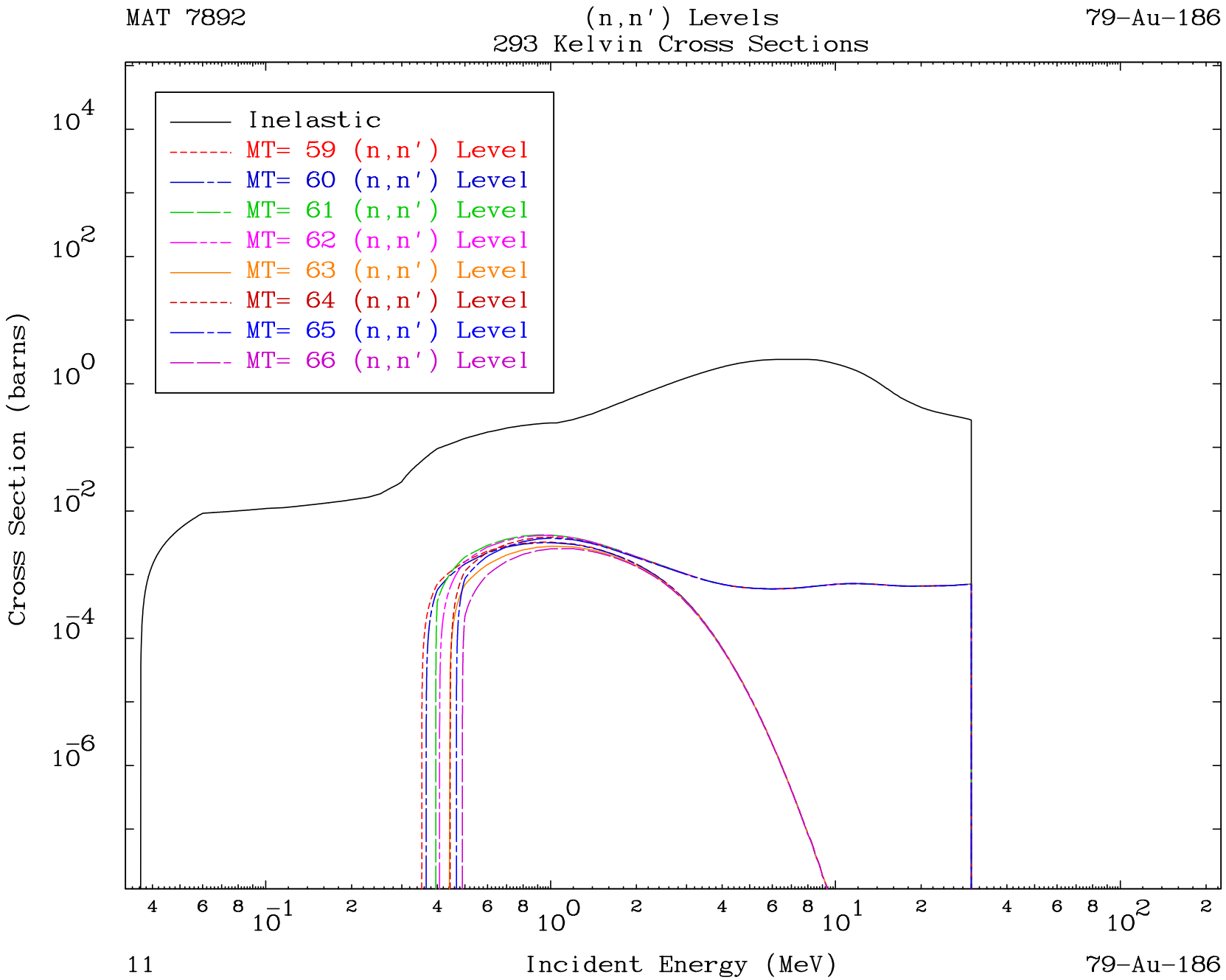

MAT 7892
Charged Particle
293 Kelvin Cross Sections
79-Au-186
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
(n,n') t
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^-10
10^0
10^2
Incident Energy (MeV)
6
79-Au-186

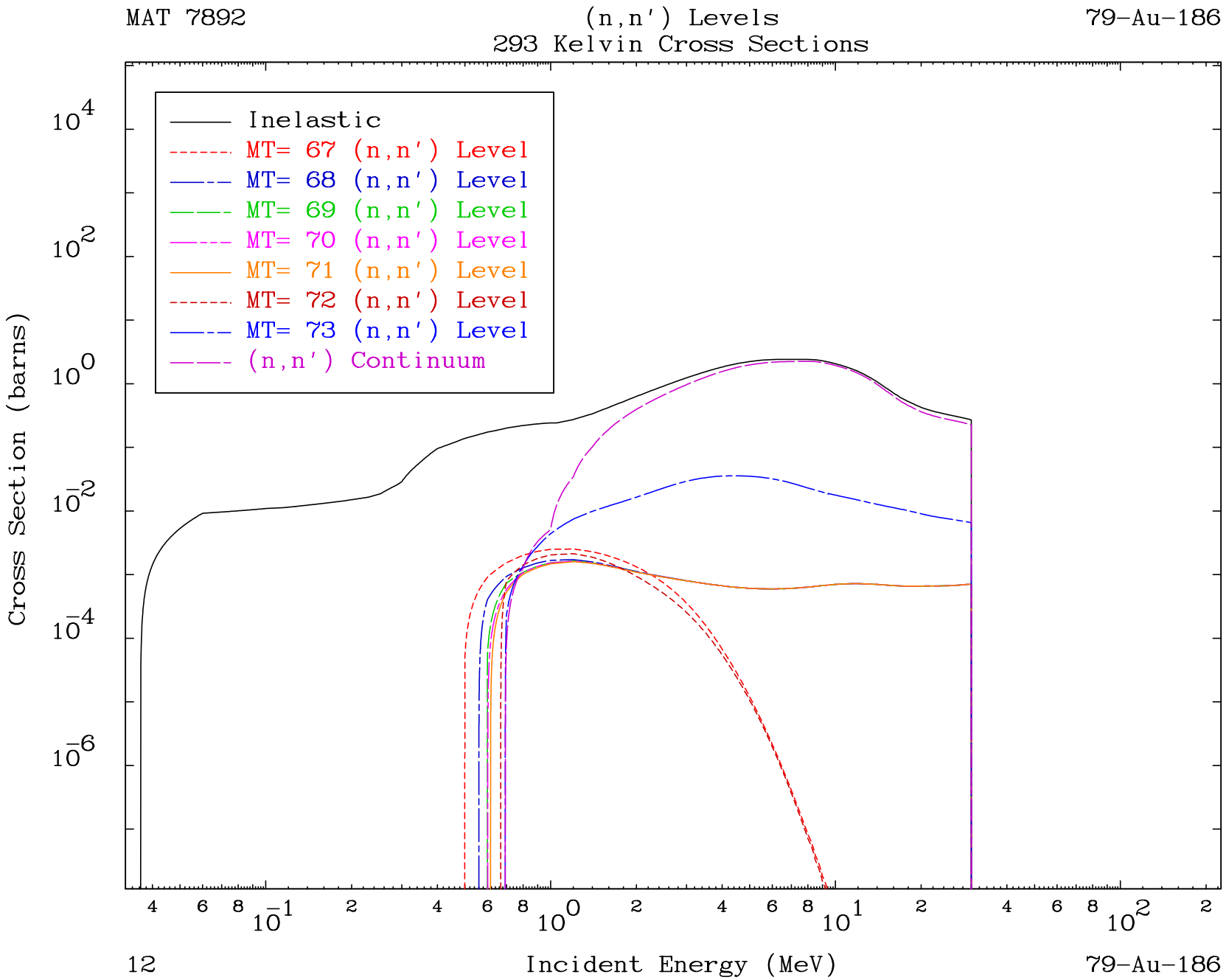

MAT 7892
Charged Particle
293 Kelvin Cross Sections
79-Au-186
Cross Section (barns)
Incident Energy (MeV)
(n,n') α
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
7
79-Au-186

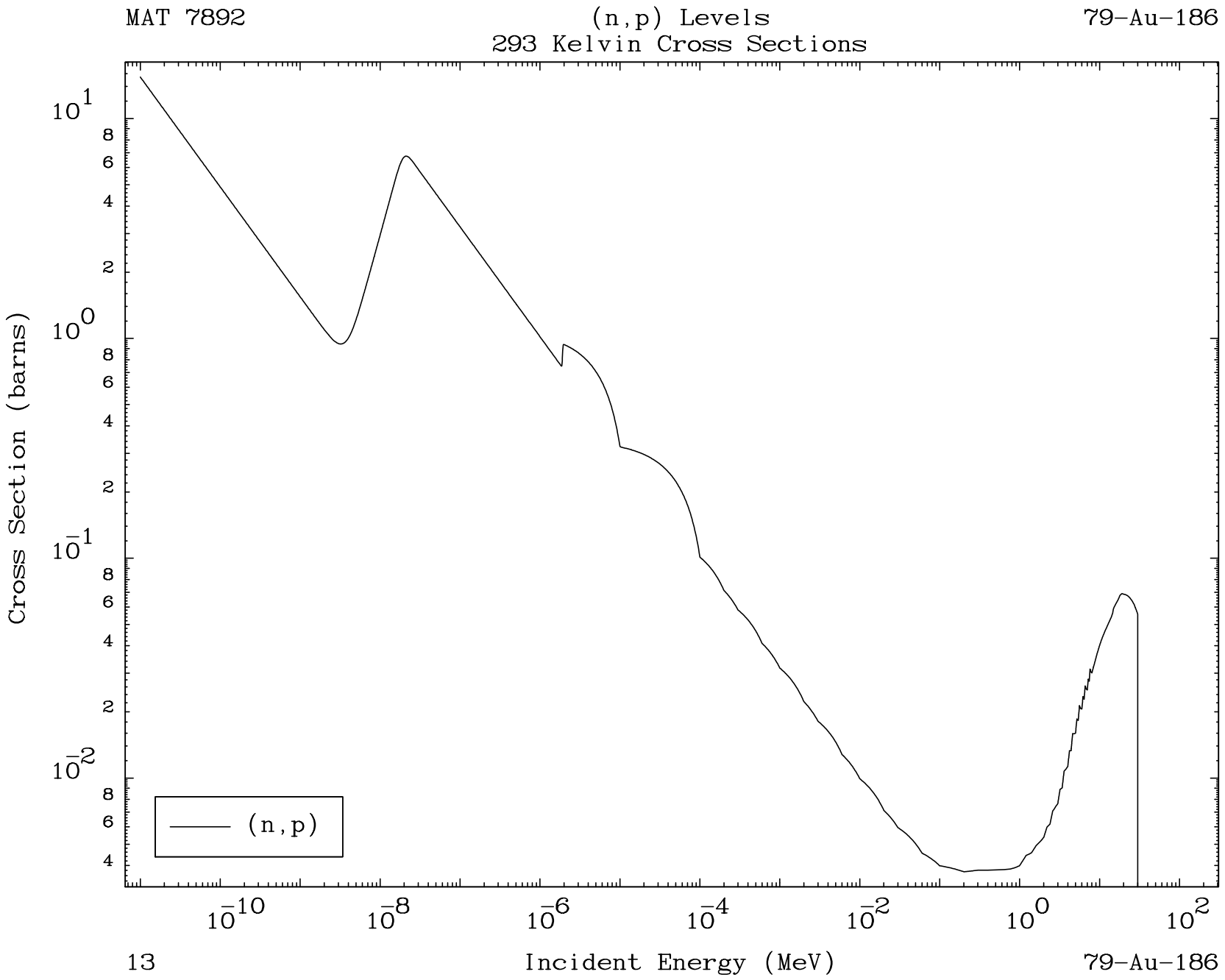

MAT 7892
Charged Particle
293 Kelvin Cross Sections
79-Au-186
Cross Section (barns)
Incident Energy (MeV)
(n,n') α
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
8
79-Au-186

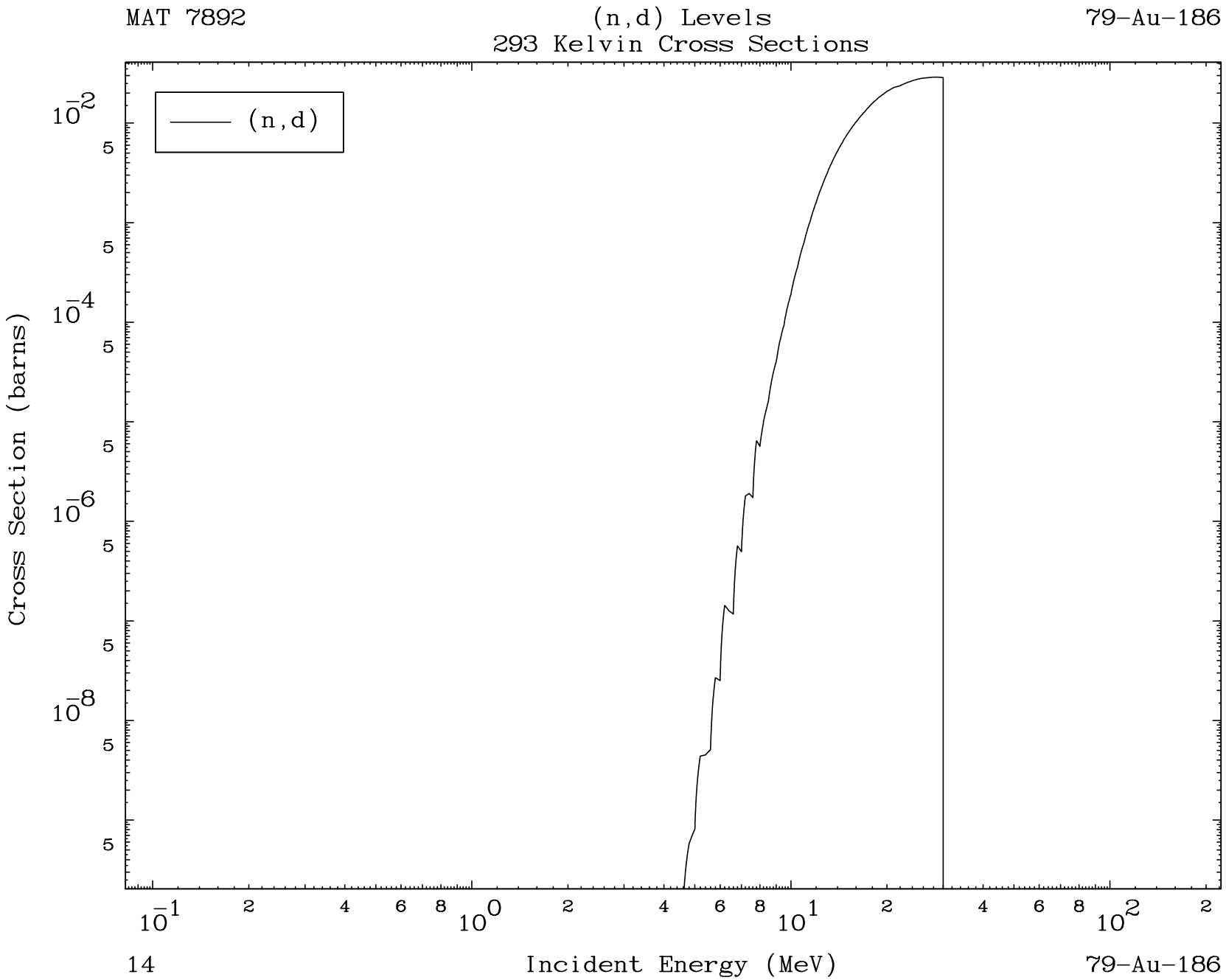

MAT 7892
Particle Production
293 Kelvin Cross Sections
79-Au-186
Cross Section (barns)
Incident Energy (MeV)
Hydrogen Production
Deuterium Production
Tritium Production
He-3 Production
He-4 Production
9
79-Au-186

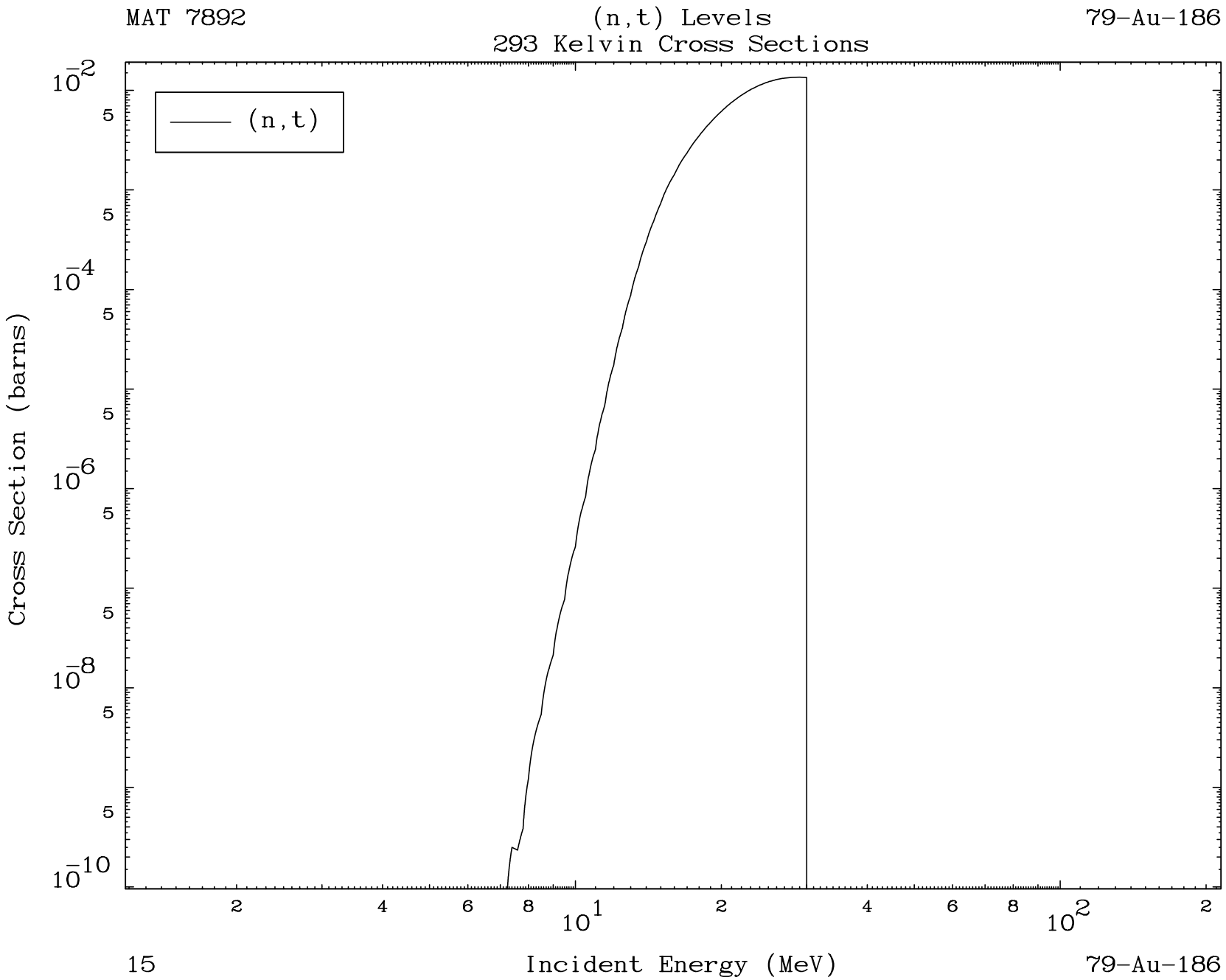

MAT 7892
(n,n') Levels
293 Kelvin Cross Sections
79-Au-186
Inelastic
MT= 51 (n,n') Level
MT= 52 (n,n') Level
MT= 53 (n,n') Level
MT= 54 (n,n') Level
MT= 55 (n,n') Level
MT= 56 (n,n') Level
MT= 57 (n,n') Level
MT= 58 (n,n') Level
Cross Section (barns)
Incident Energy (MeV)
79-Au-186

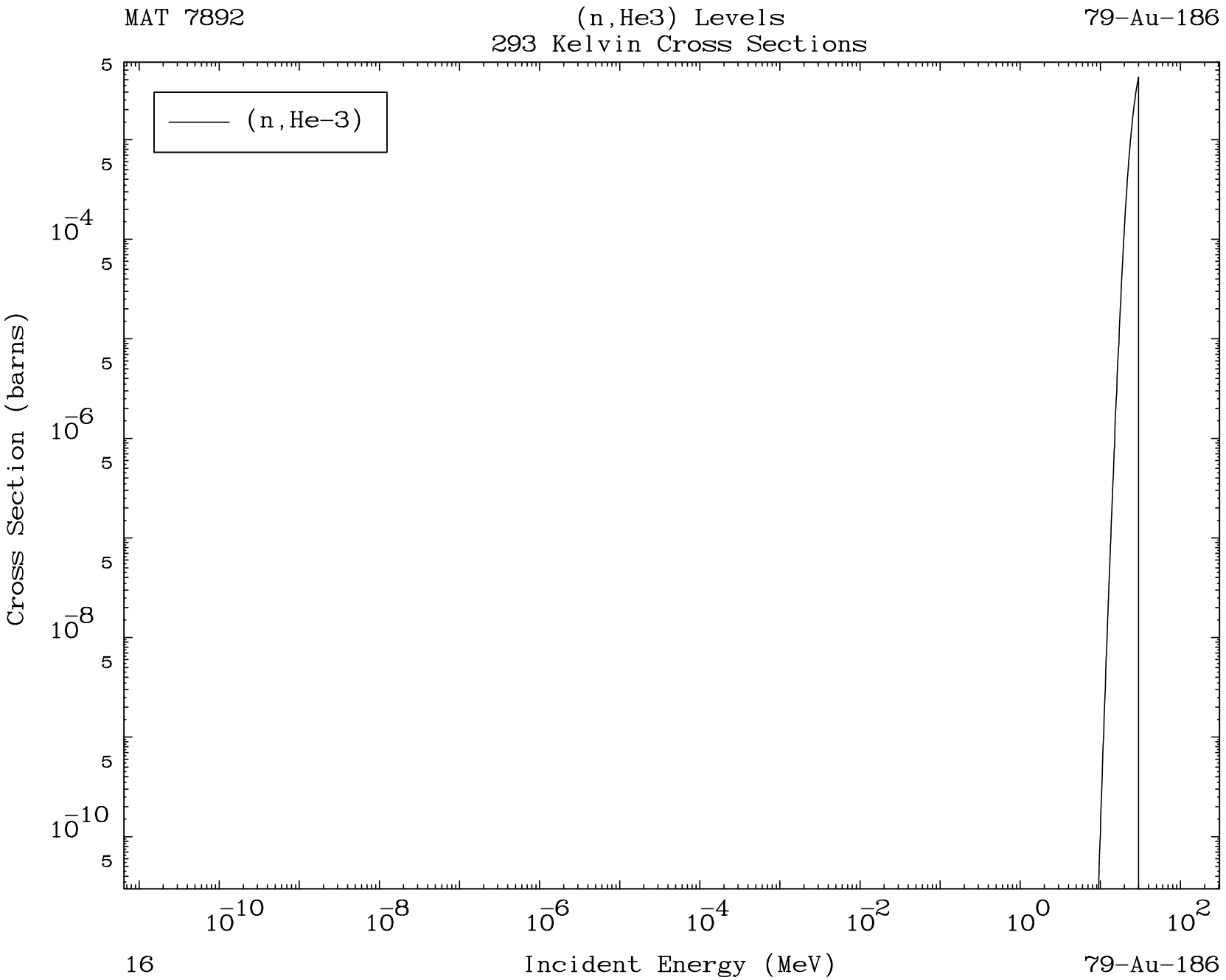

MAT 7892
(n,n') Levels
293 Kelvin Cross Sections
79-Au-186
Inelastic
MT= 59 (n,n') Level
MT= 60 (n,n') Level
MT= 61 (n,n') Level
MT= 62 (n,n') Level
MT= 63 (n,n') Level
MT= 64 (n,n') Level
MT= 65 (n,n') Level
MT= 66 (n,n') Level
Cross Section (barns)
Incident Energy (MeV)
11
79-Au-186

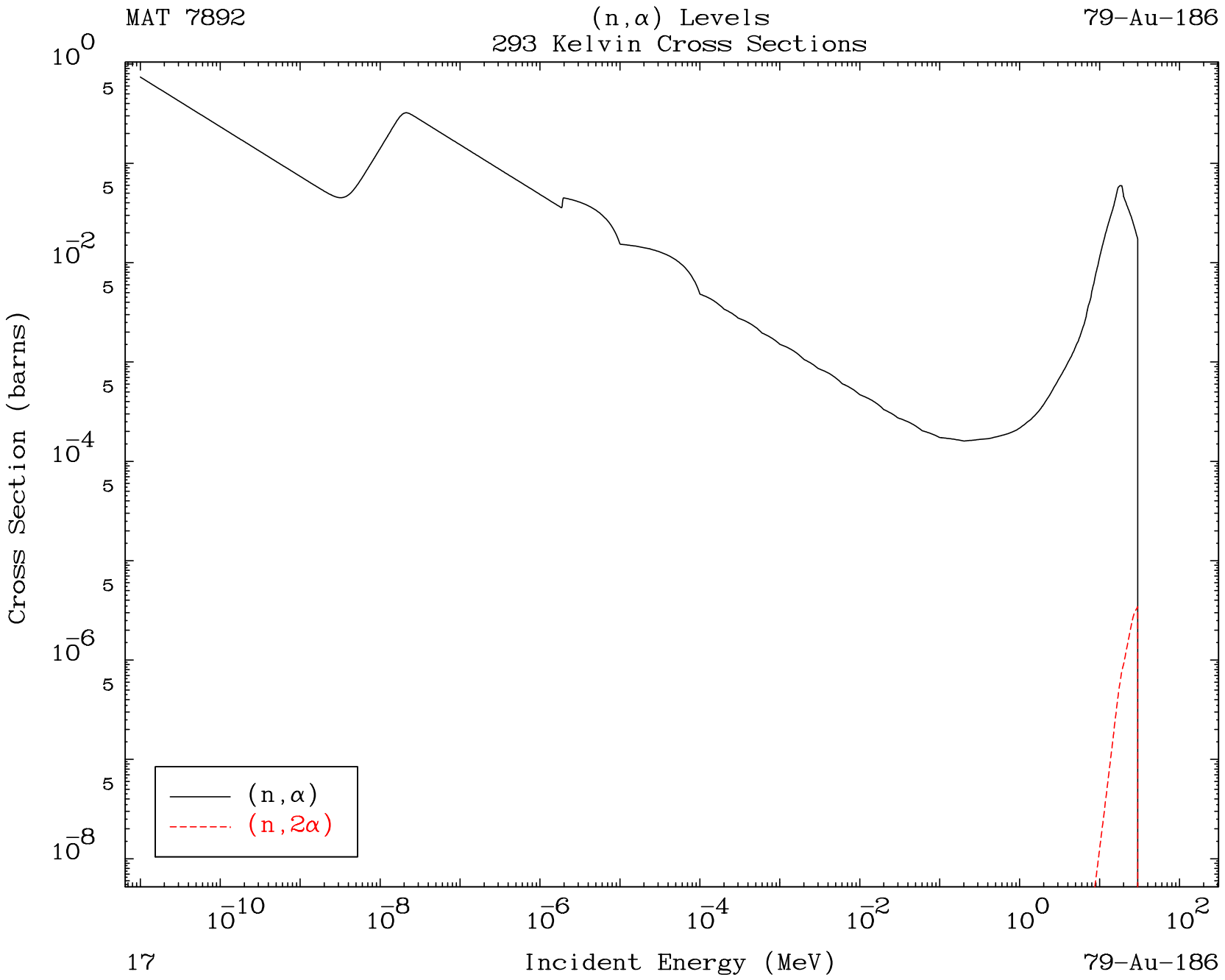

MAT 7892
(n,n') Levels
293 Kelvin Cross Sections
79-Au-186
Inelastic
MT= 67 (n,n') Level
MT= 68 (n,n') Level
MT= 69 (n,n') Level
MT= 70 (n,n') Level
MT= 71 (n,n') Level
MT= 72 (n,n') Level
MT= 73 (n,n') Level
(n,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
12
79-Au-186

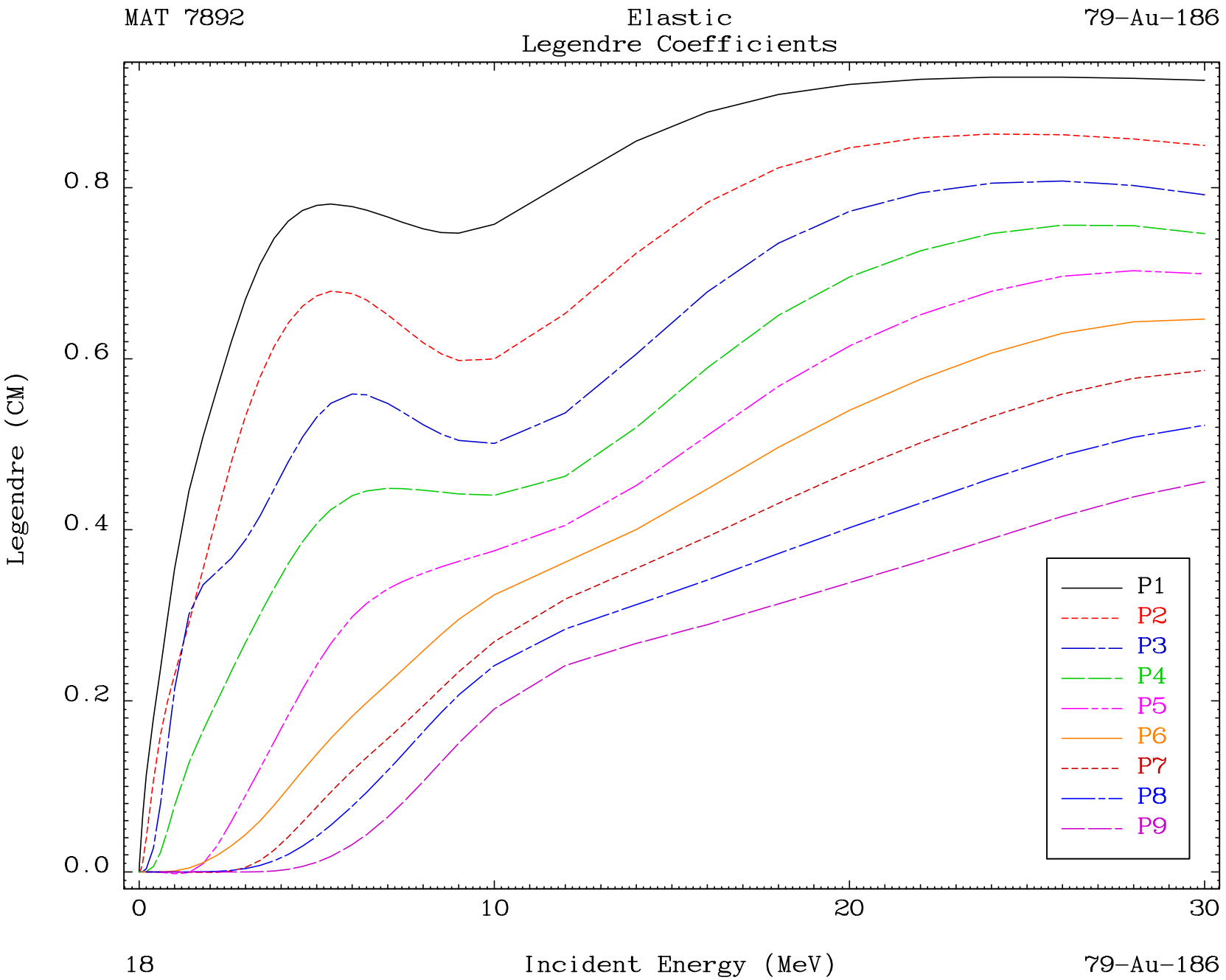

MAT 7892
(n,p) Levels
79-Au-186
293 Kelvin Cross Sections
Cross Section (barns)
(n,p)
13
Incident Energy (MeV)
79-Au-186

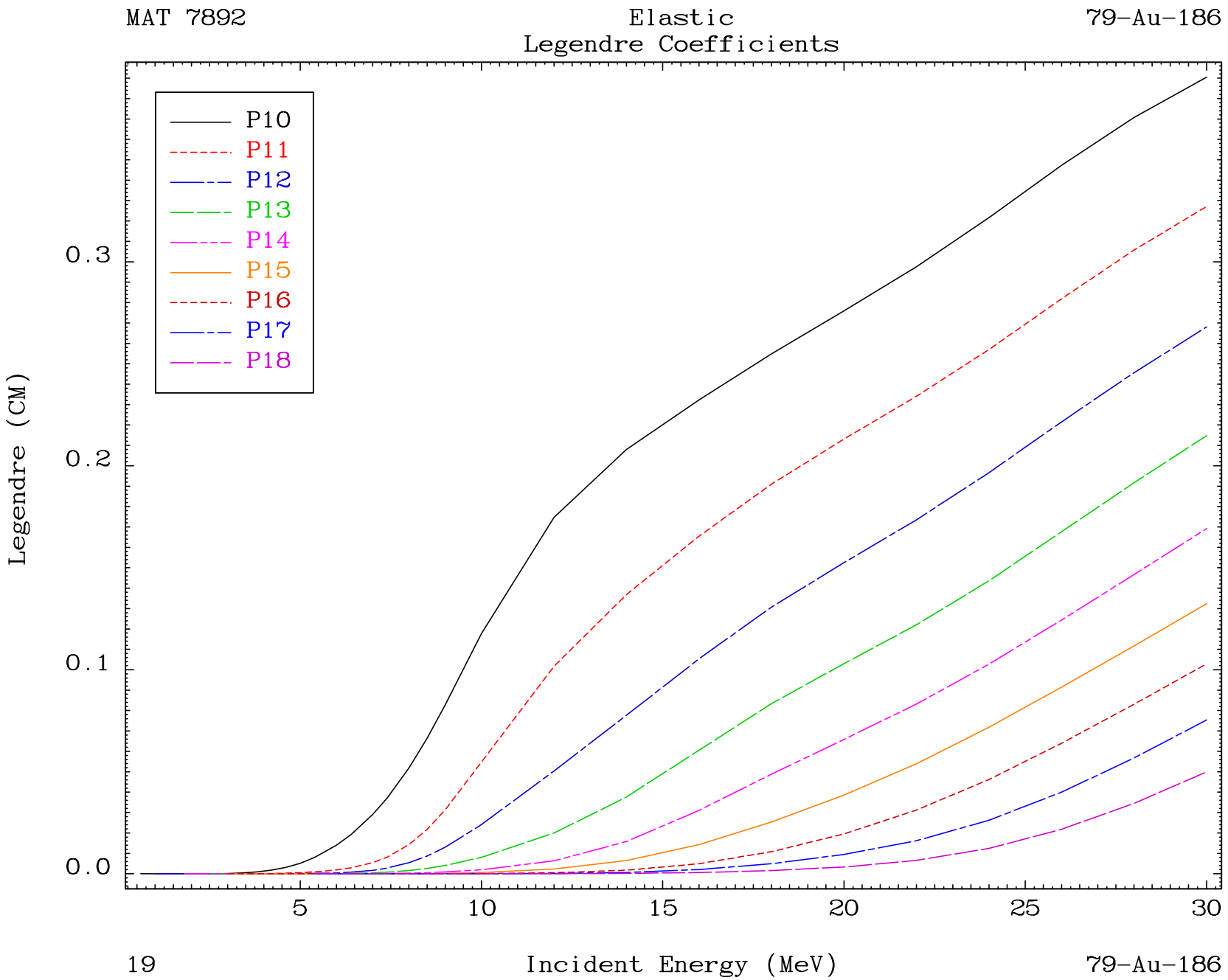

MAT 7892
(n,d) Levels
79-Au-186
293 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
14
79-Au-186

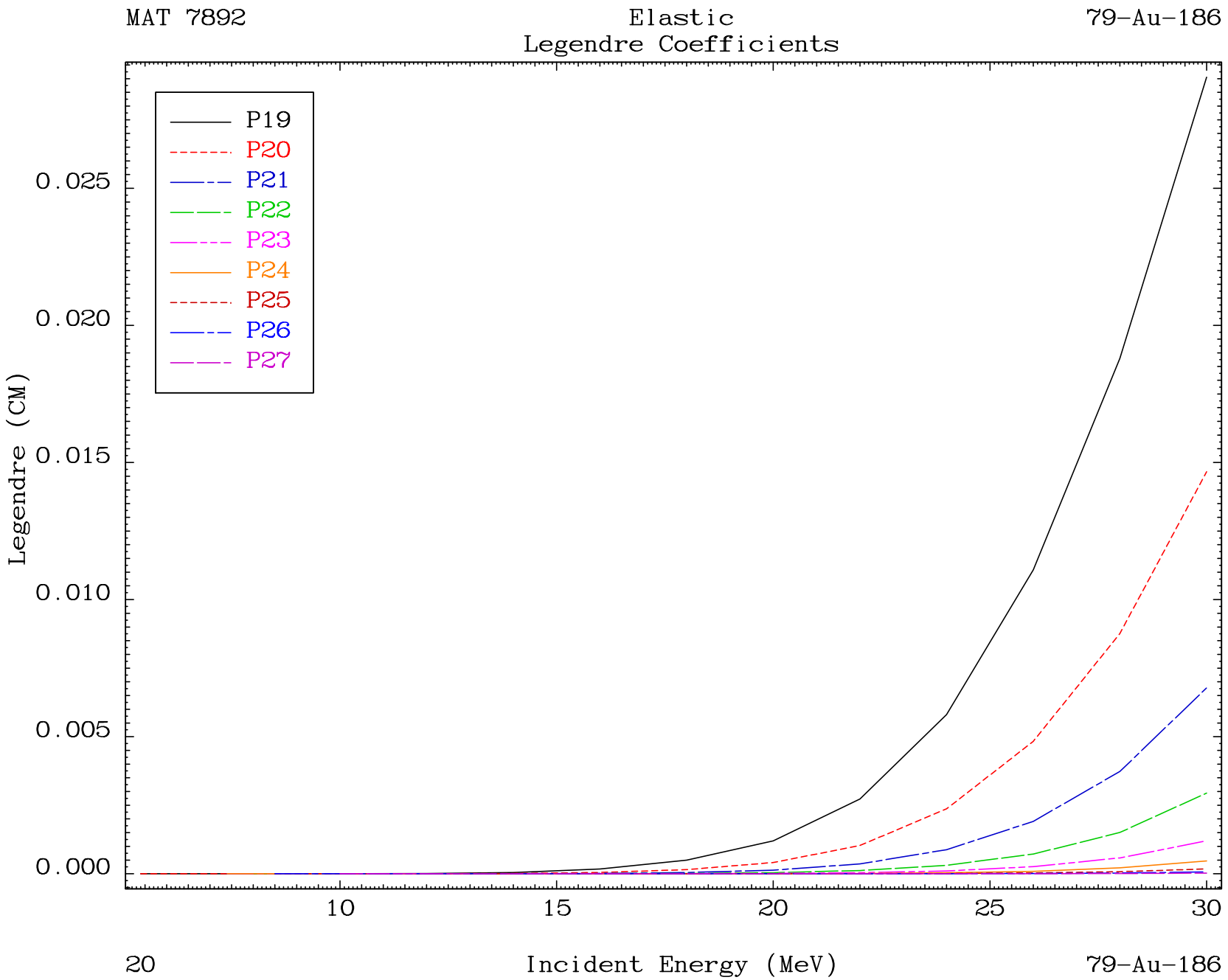

MAT 7892
(n,t) Levels
79-Au-186
293 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
15
79-Au-186

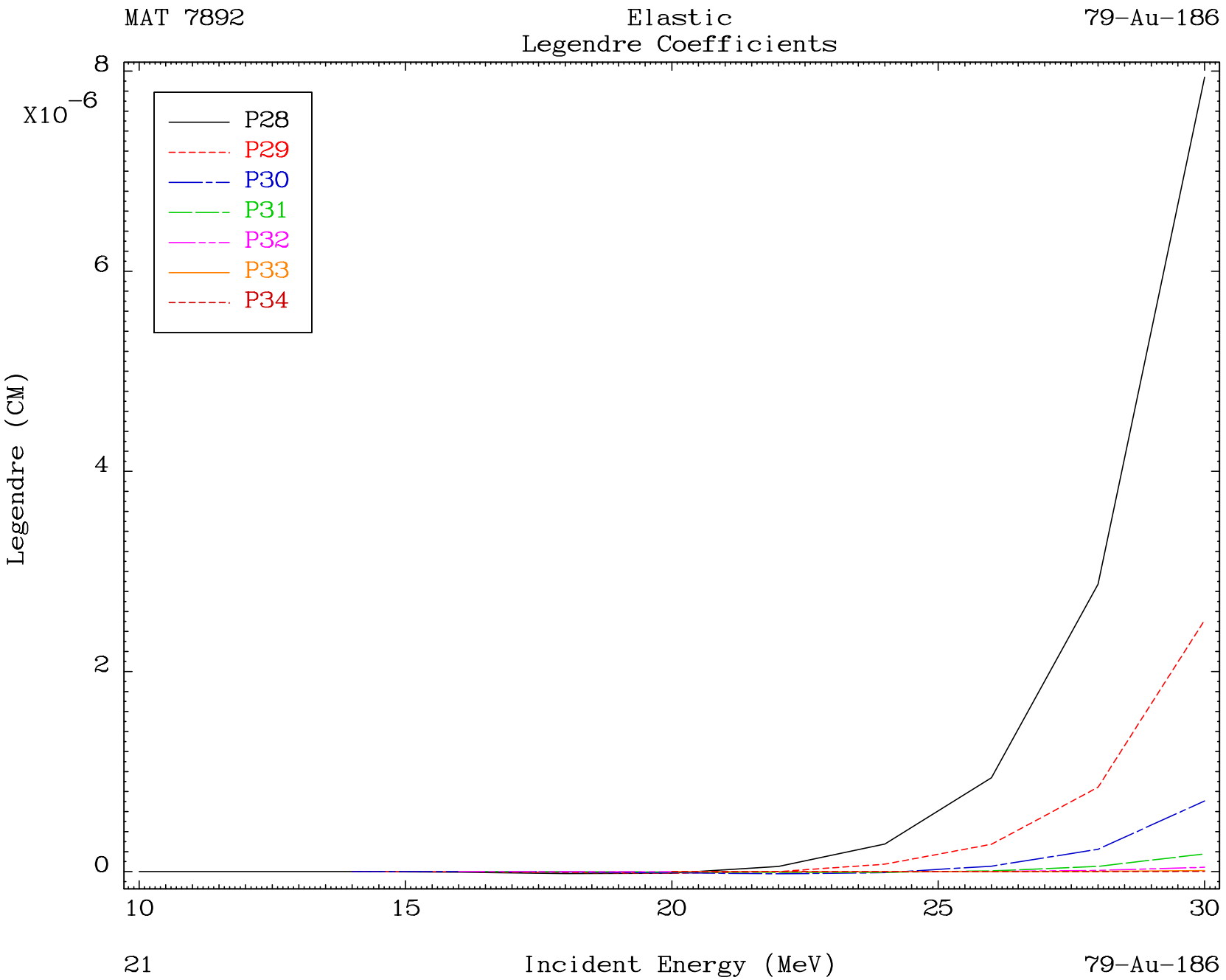

MAT 7892
(n,He3) Levels
79-Au-186
293 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
16
79-Au-186

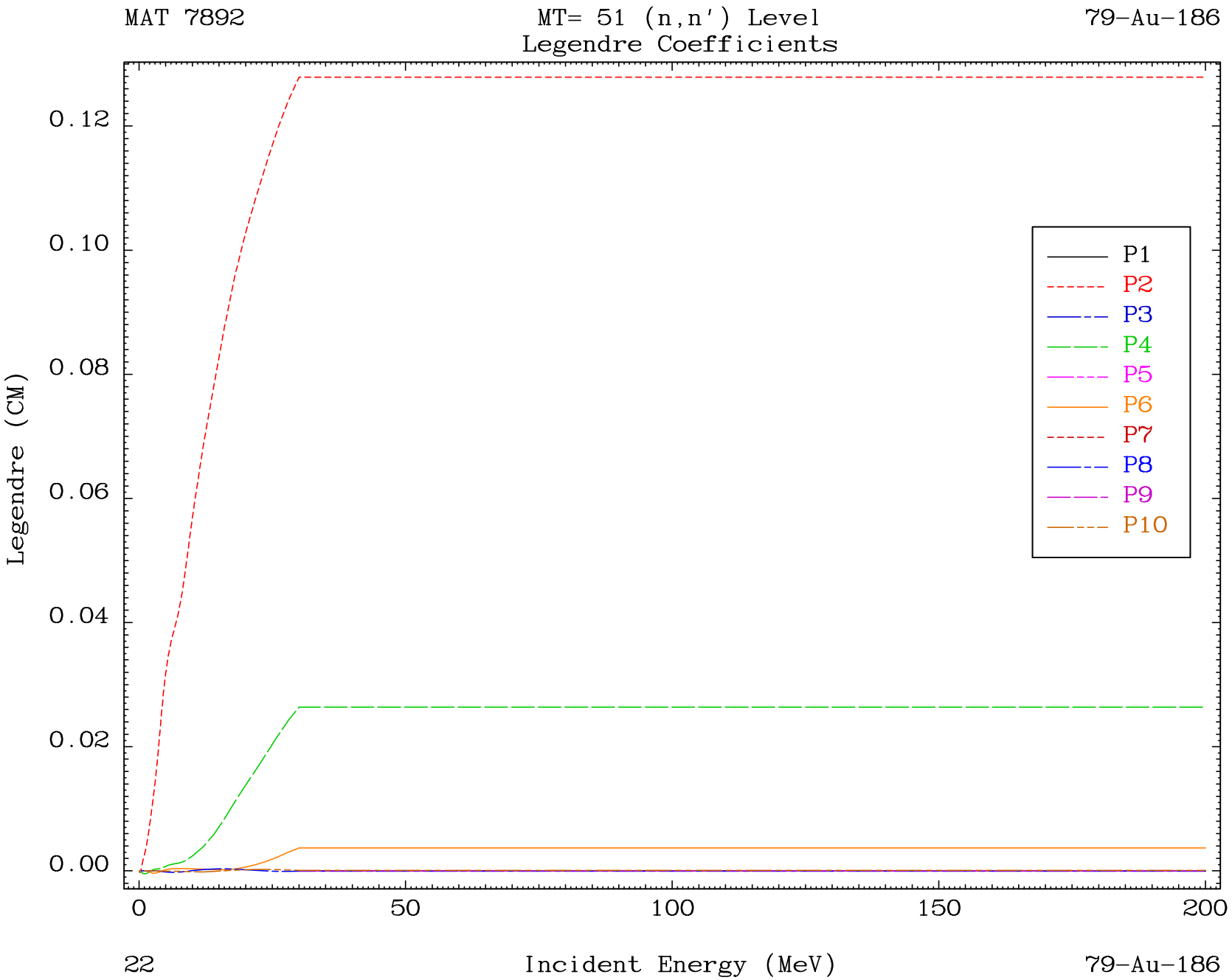

MAT 7892
(n,α) Levels
293 Kelvin Cross Sections
79-Au-186
Cross Section (barns)
Incident Energy (MeV)
(n,α)
(n,2α)
17
79-Au-186

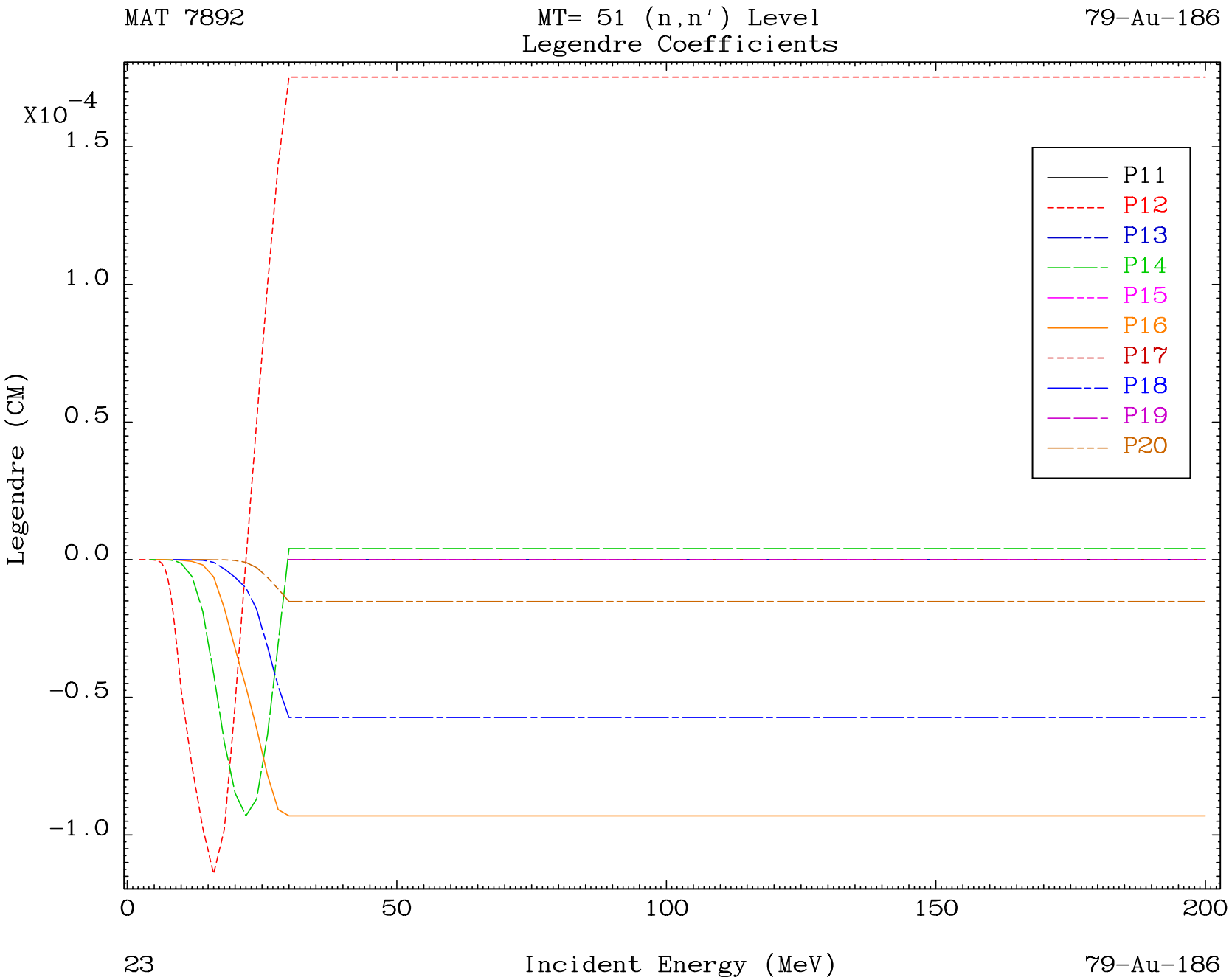

MAT 7892
Elastic
Legendre Coefficients
79-Au-186
Legendre (CM)
0.0
0.2
0.4
0.6
0.8
0
10
20
30
18
Incident Energy (MeV)
79-Au-186
P1
P2
P3
P4
P5
P6
P7
P8
P9

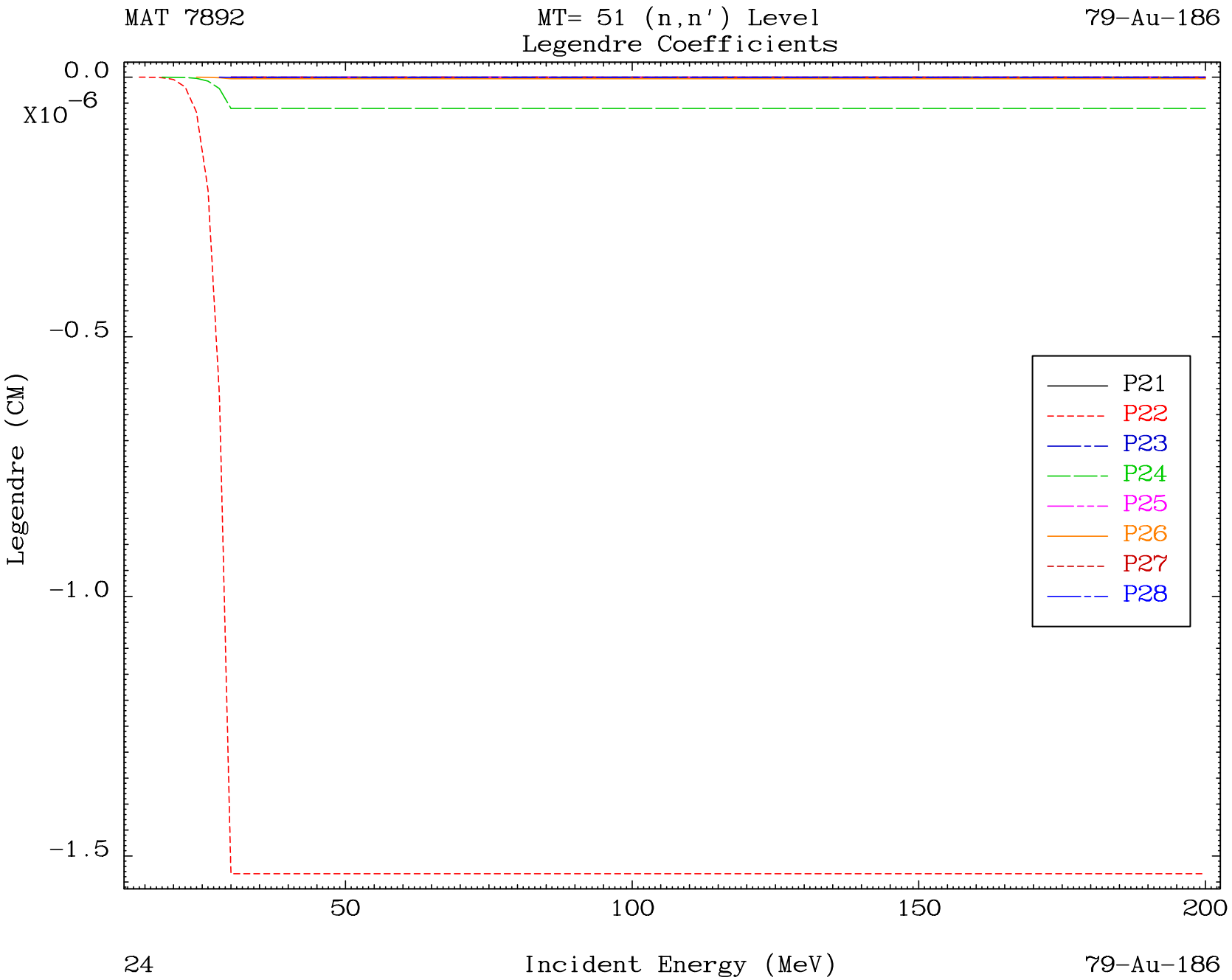

MAT 7892
Elastic
Legendre Coefficients
79-Au-186
P10
P11
P12
P13
P14
P15
P16
P17
P18
Legendre (CM)
0.0
0.1
0.2
0.3
5
10
15
20
25
30
19
Incident Energy (MeV)
79-Au-186

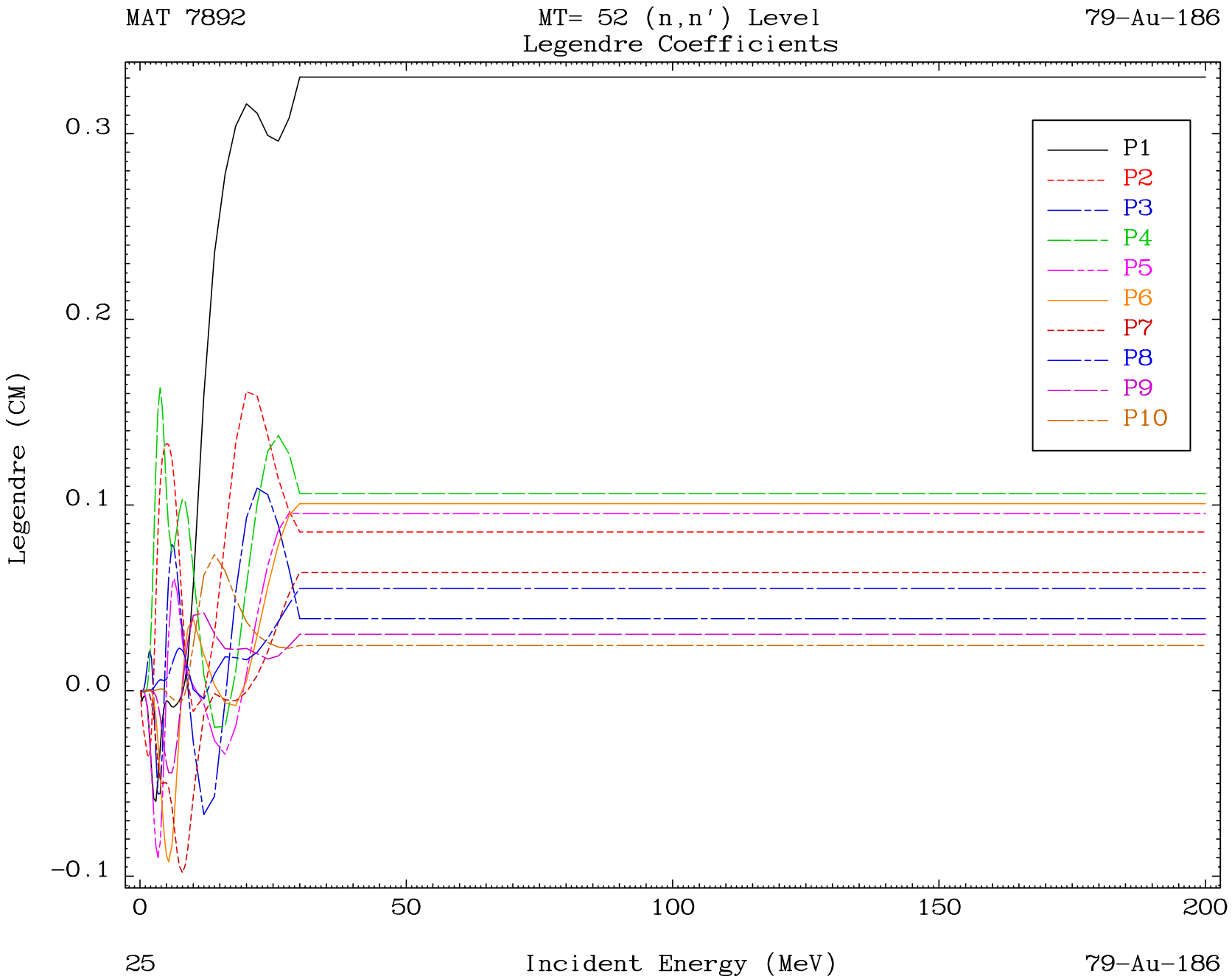

MAT 7892
Elastic
Legendre Coefficients
79-Au-186
P19
P20
P21
P22
P23
P24
P25
P26
P27
0.025
0.020
0.015
0.010
0.005
0.000
Legendre (CM)
10
15
20
25
30
20
Incident Energy (MeV)
79-Au-186

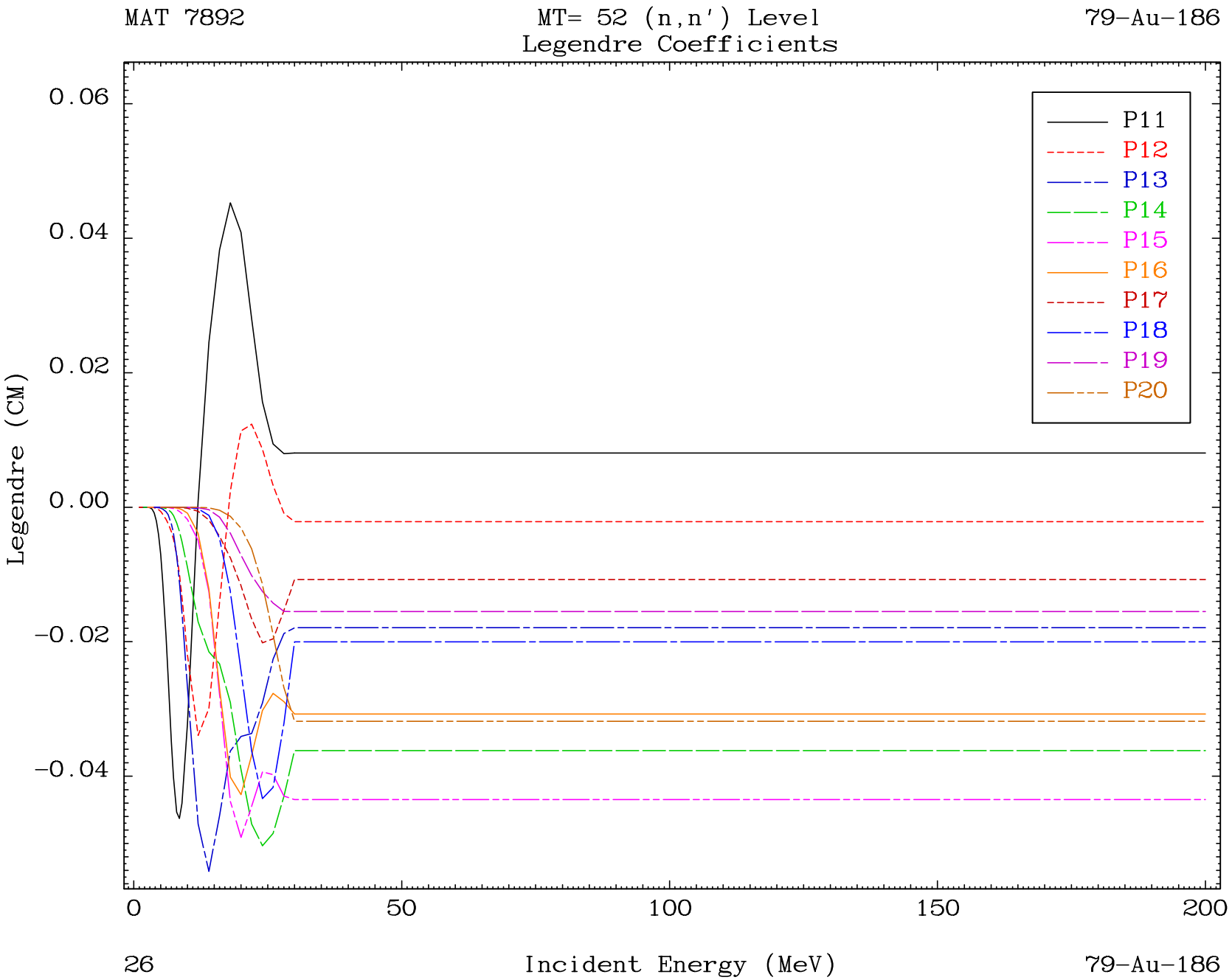

MAT 7892
Elastic
Legendre Coefficients
79-Au-186
X10 −6
8
6
4
2
0
P28
P29
P30
P31
P32
P33
P34
Legendre (CM)
10
15
20
25
30
21
Incident Energy (MeV)
79-Au-186

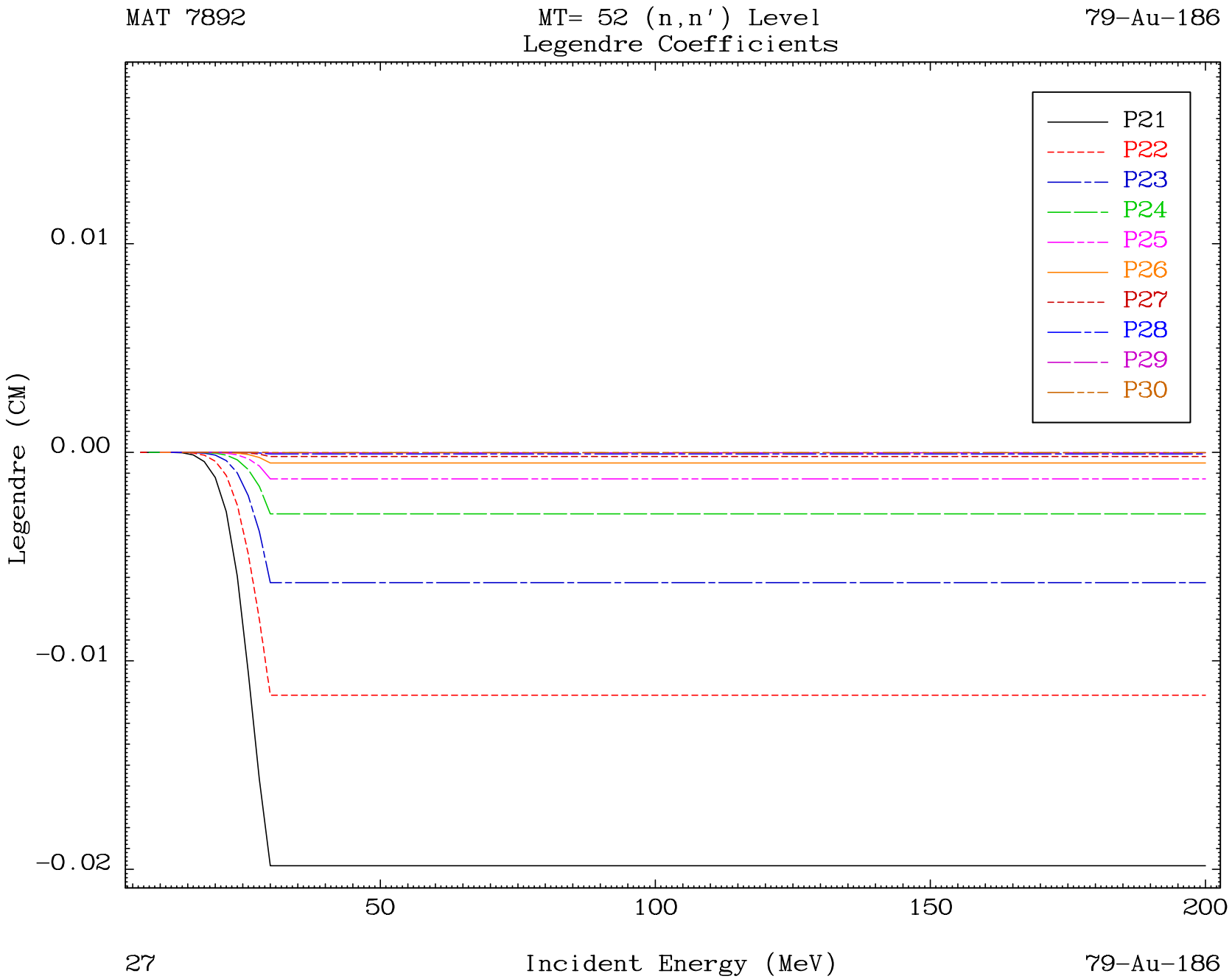

MAT 7892
MT= 51 (n,n') Level
Legendre Coefficients
79-Au-186
0.12
0.10
0.08
0.06
0.04
0.02
0.00
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10
0
50
100
150
200
22
Incident Energy (MeV)
79-Au-186

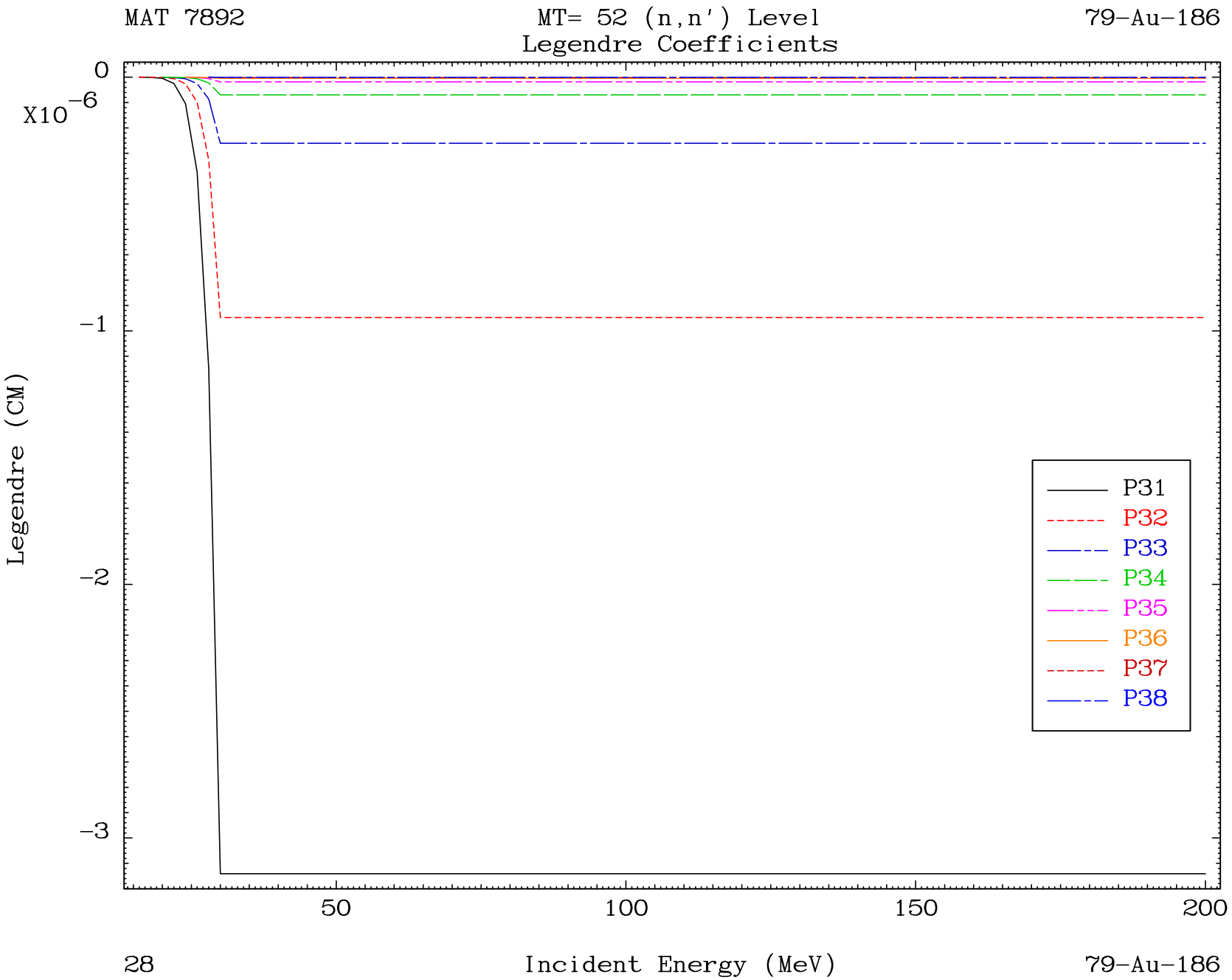

MAT 7892
MT= 51 (n,n') Level
Legendre Coefficients
79-Au-186
X10^-4
1.5
1.0
0.5
0.0
-0.5
-1.0
Legendre (CM)
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20
0
50
100
150
200
23
Incident Energy (MeV)
79-Au-186

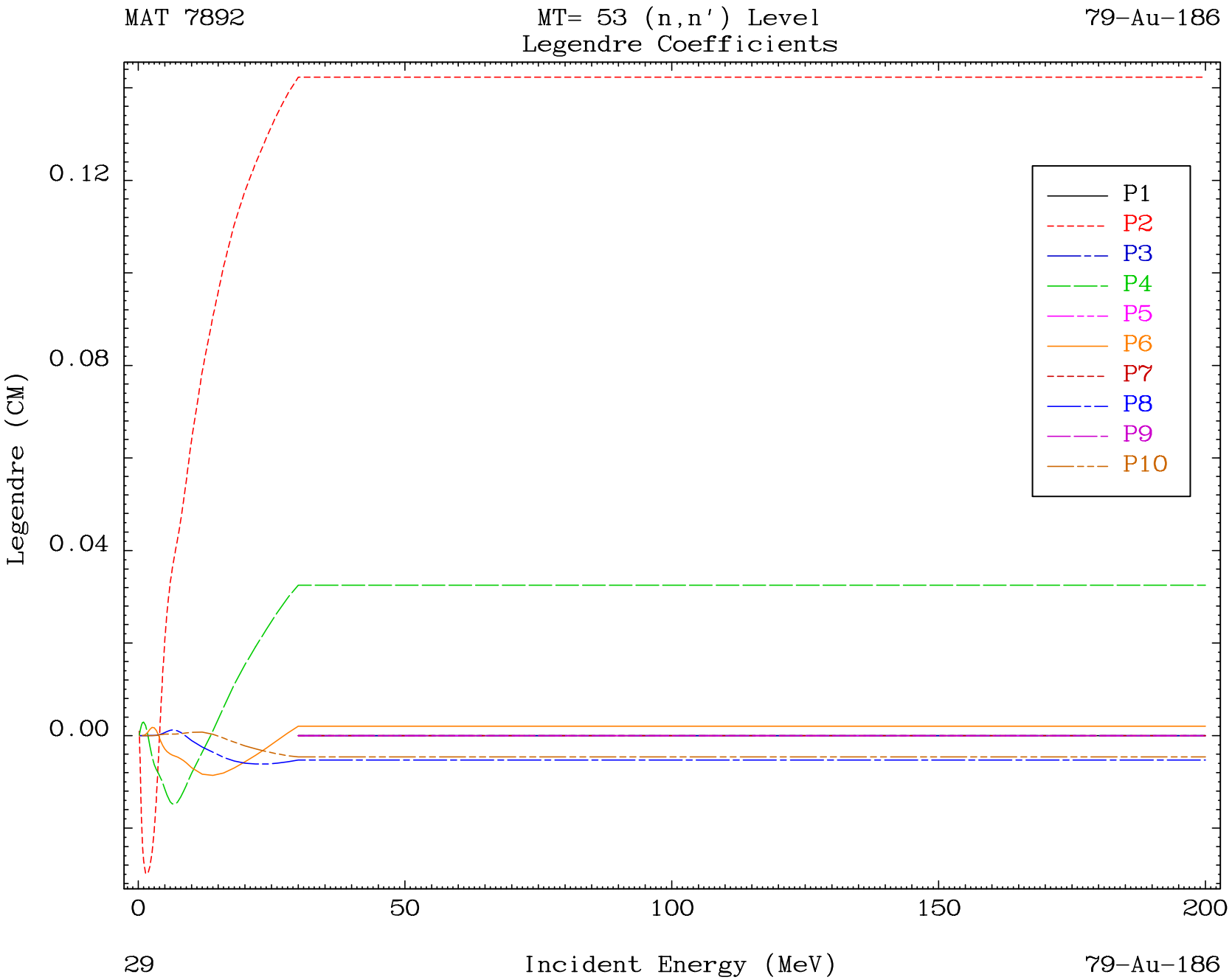

MAT 7892
MT= 51 (n,n') Level
Legendre Coefficients
79-Au-186
0.0
X10^-6
-0.5
-1.0
-1.5
Legendre (CM)
50
100
150
200
24
Incident Energy (MeV)
79-Au-186
P21
P22
P23
P24
P25
P26
P27
P28

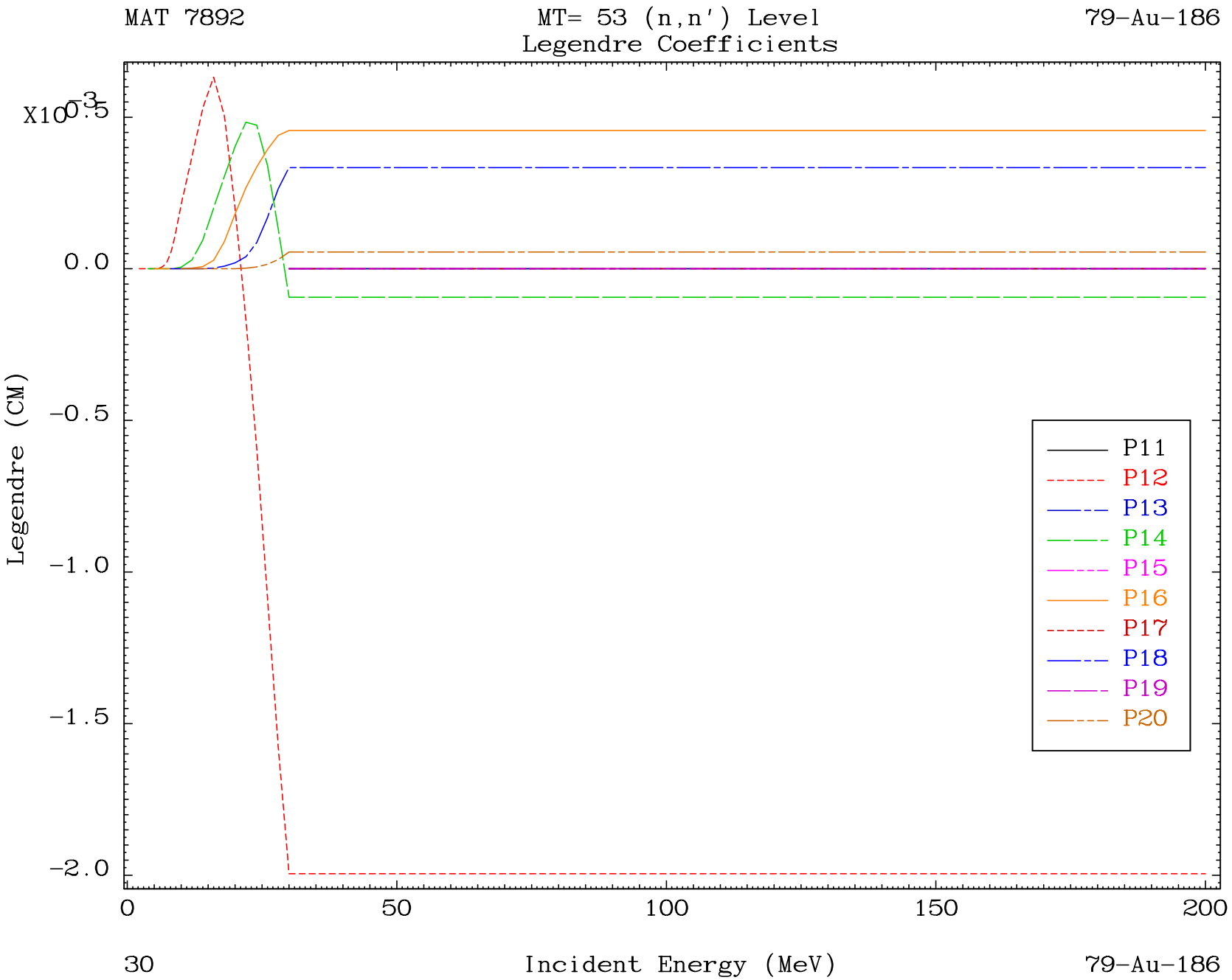

MAT 7892
MT= 52 (n,n') Level
Legendre Coefficients
79-Au-186
Legendre (CM)
0.3
0.2
0.1
0.0
-0.1
0
50
100
150
200
25
Incident Energy (MeV)
79-Au-186
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10

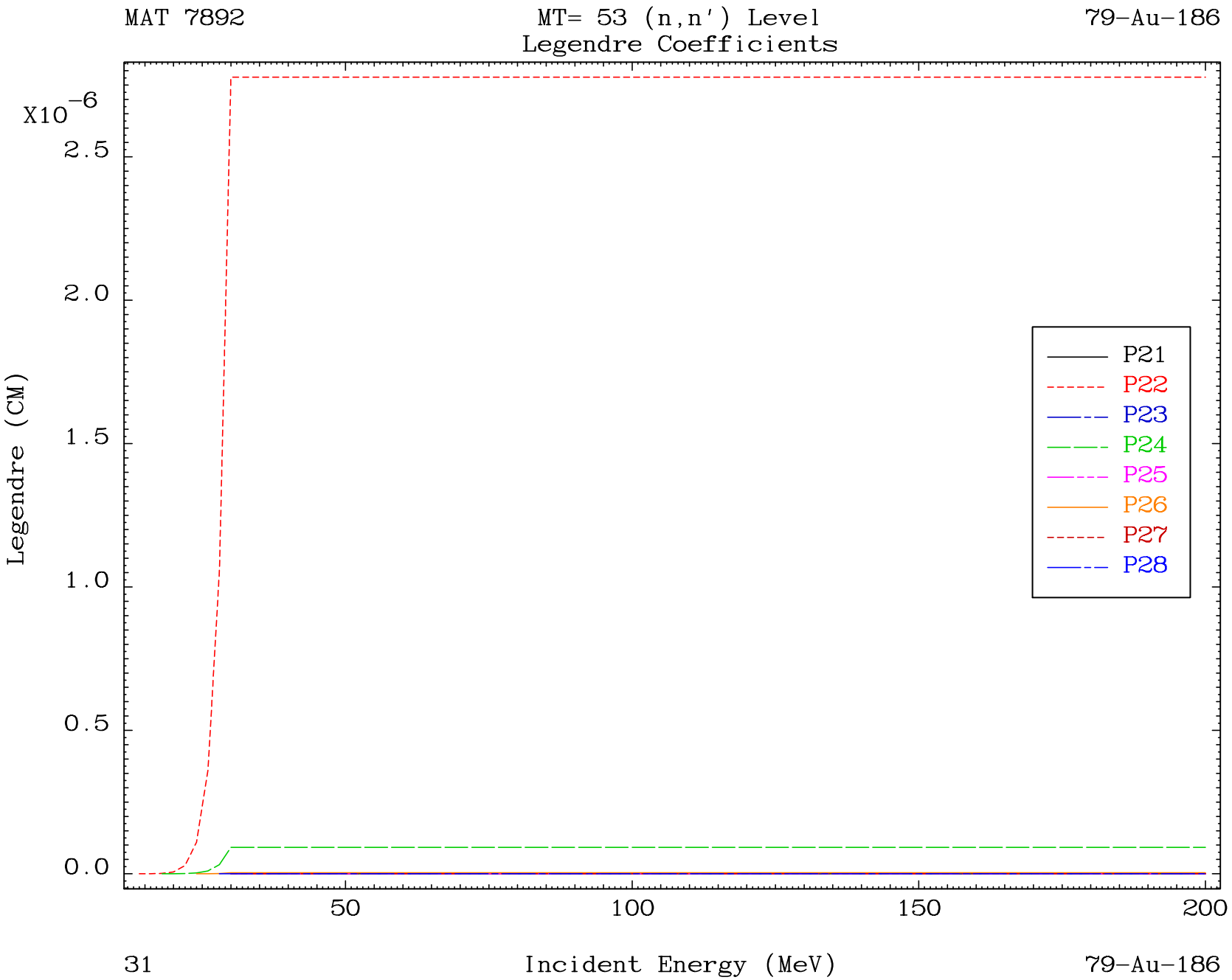

MAT 7892
MT= 52 (n,n') Level
Legendre Coefficients
79-Au-186
0.06
0.04
0.02
0.00
-0.02
-0.04
Legendre (CM)
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20
0
50
100
150
200
26
Incident Energy (MeV)
79-Au-186

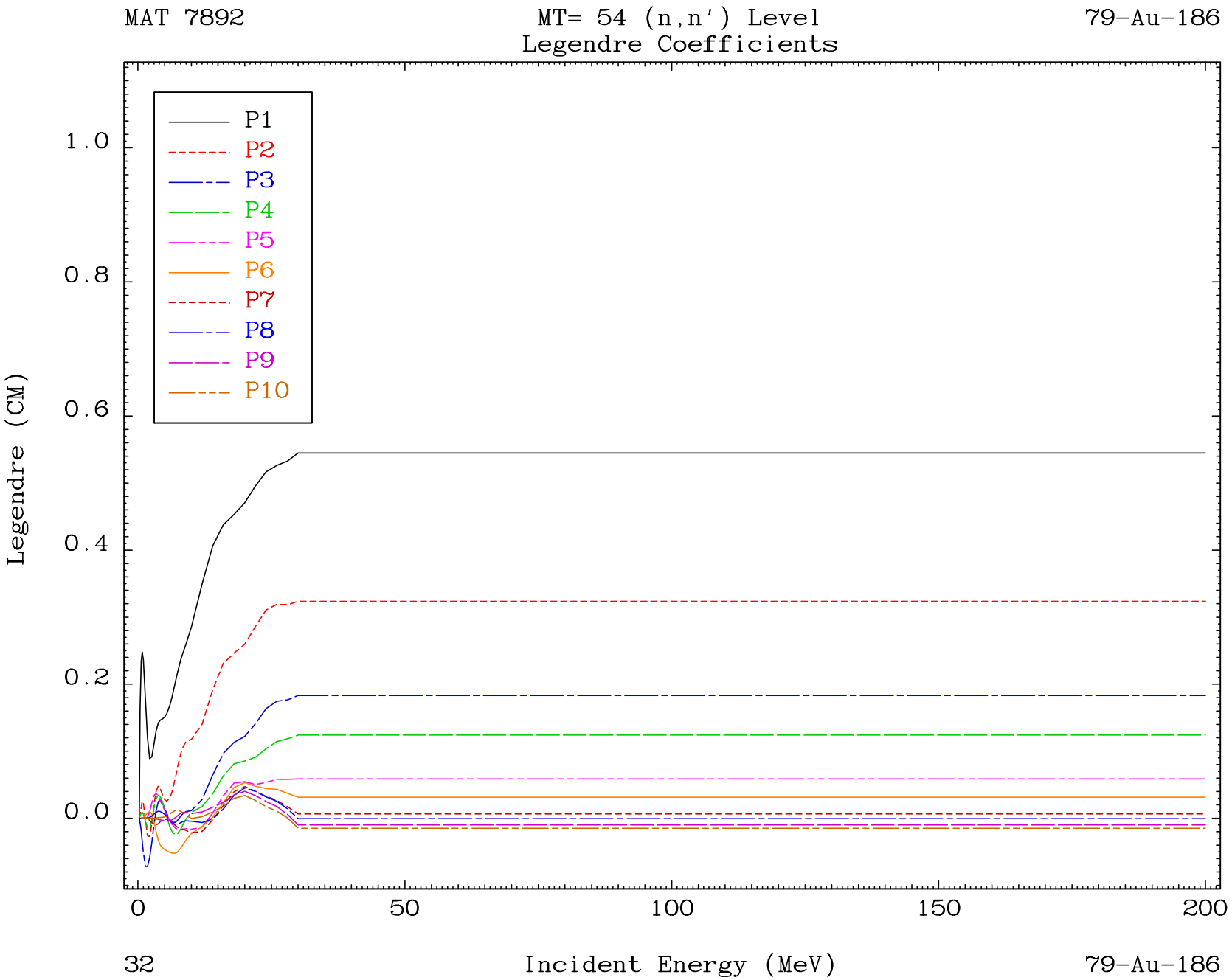

MAT 7892
MT= 52 (n,n') Level
Legendre Coefficients
79-Au-186
P21
P22
P23
P24
P25
P26
P27
P28
P29
P30
0.01
0.00
-0.01
-0.02
Legendre (CM)
50
100
150
200
27
Incident Energy (MeV)
79-Au-186

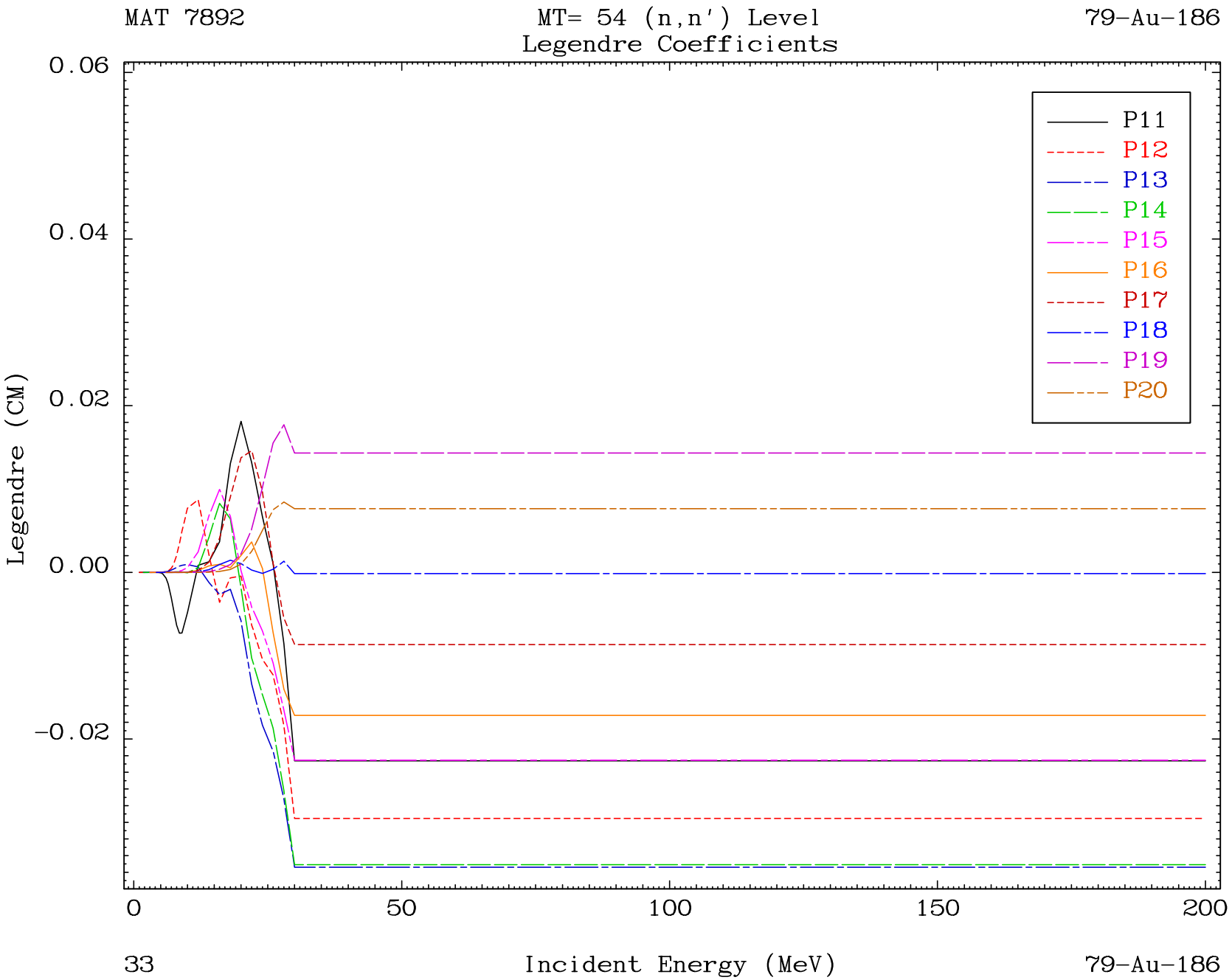

MAT 7892
MT= 52 (n,n') Level
Legendre Coefficients
79-Au-186
0
X10 −6
−1
−2
−3
Legendre (CM)
50
100
150
200
28
Incident Energy (MeV)
79-Au-186
P31
P32
P33
P34
P35
P36
P37
P38

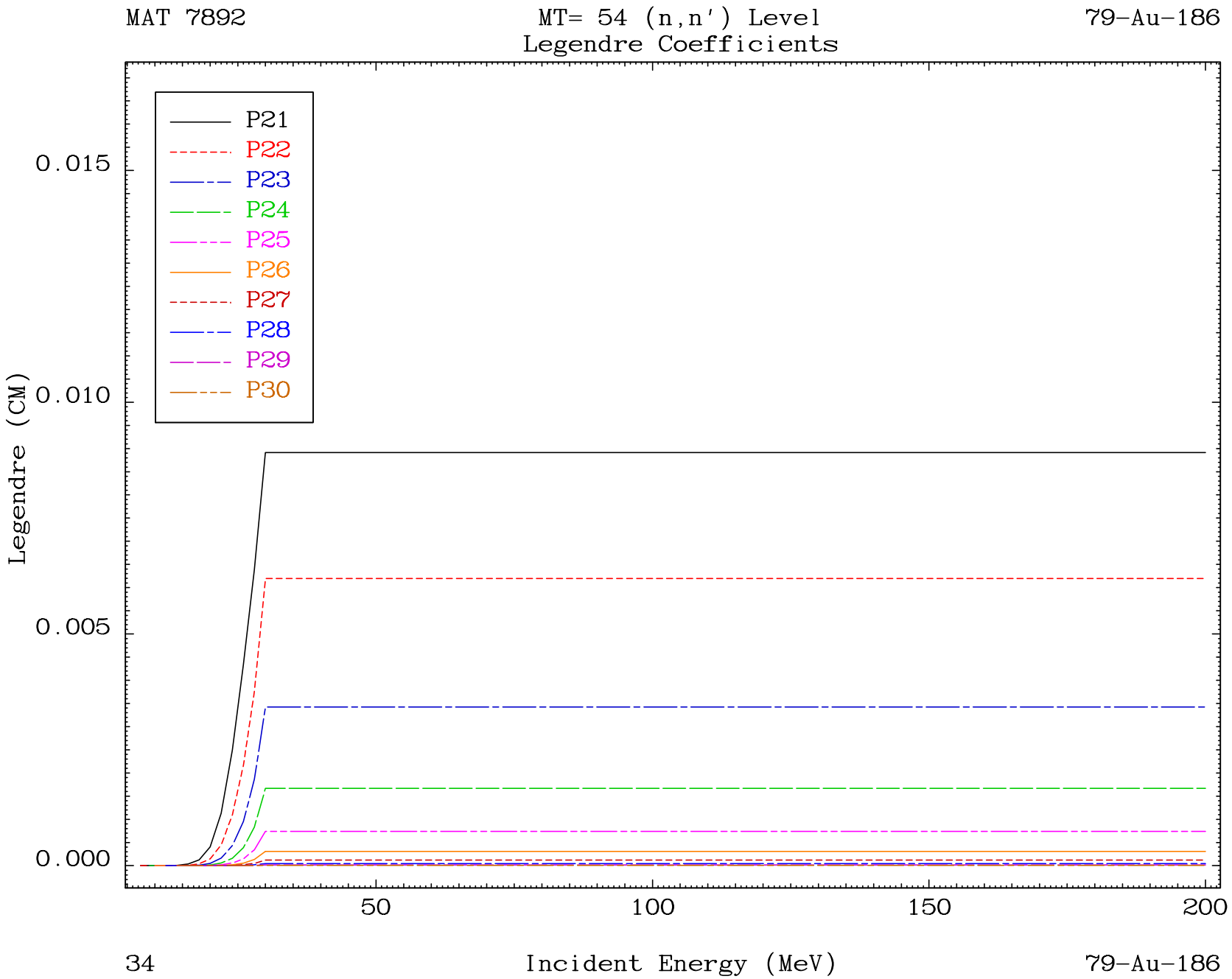

MAT 7892
MT= 53 (n,n') Level
Legendre Coefficients
79-Au-186
0.12
0.08
0.04
0.00
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10
0
50
100
150
200
29
Incident Energy (MeV)
79-Au-186

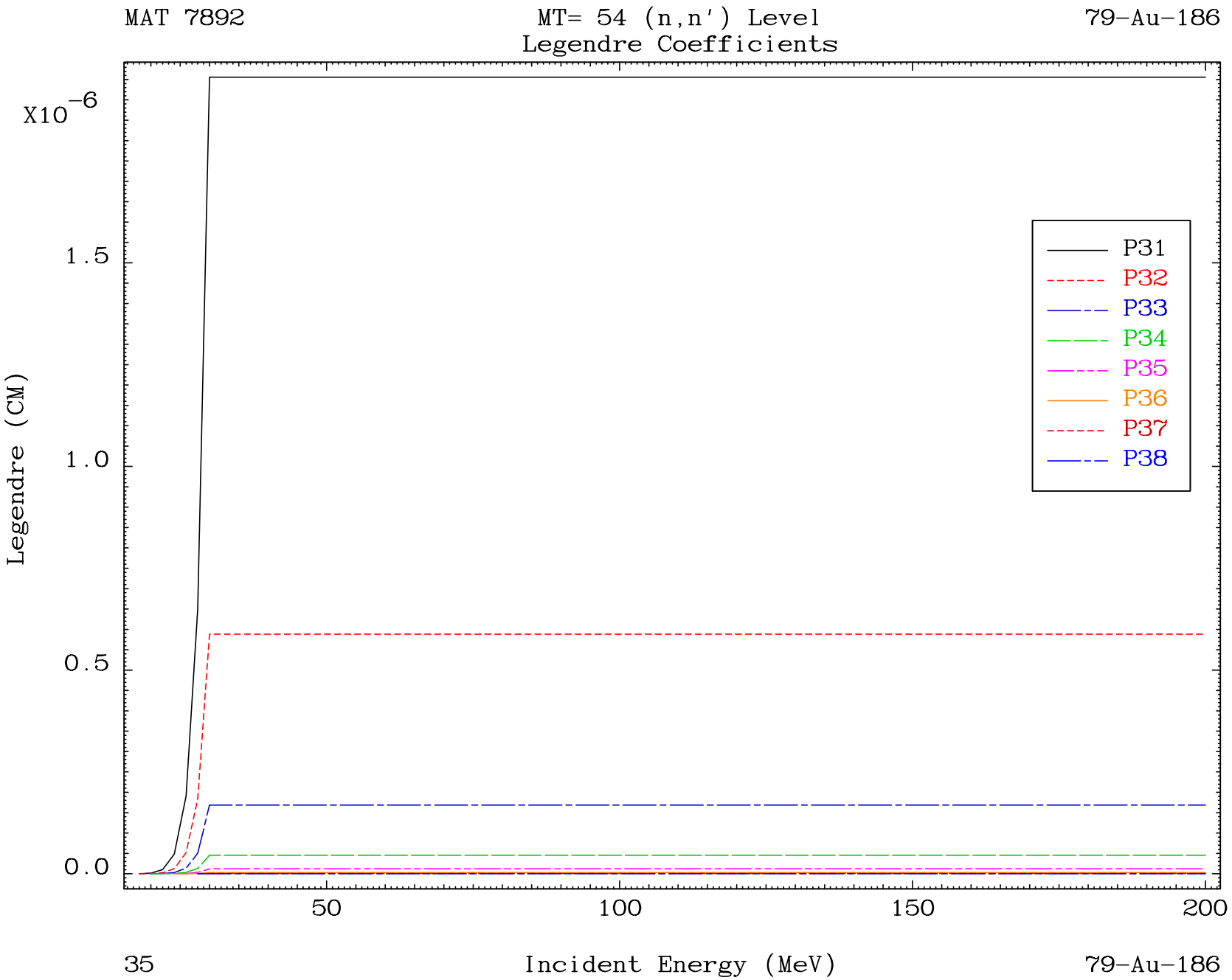

MAT 7892
MT= 53 (n,n') Level
Legendre Coefficients
79-Au-186
X10-3
0.5
0.0
-0.5
-1.0
-1.5
-2.0
Legendre (CM)
0
50
100
150
200
30
Incident Energy (MeV)
79-Au-186
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20

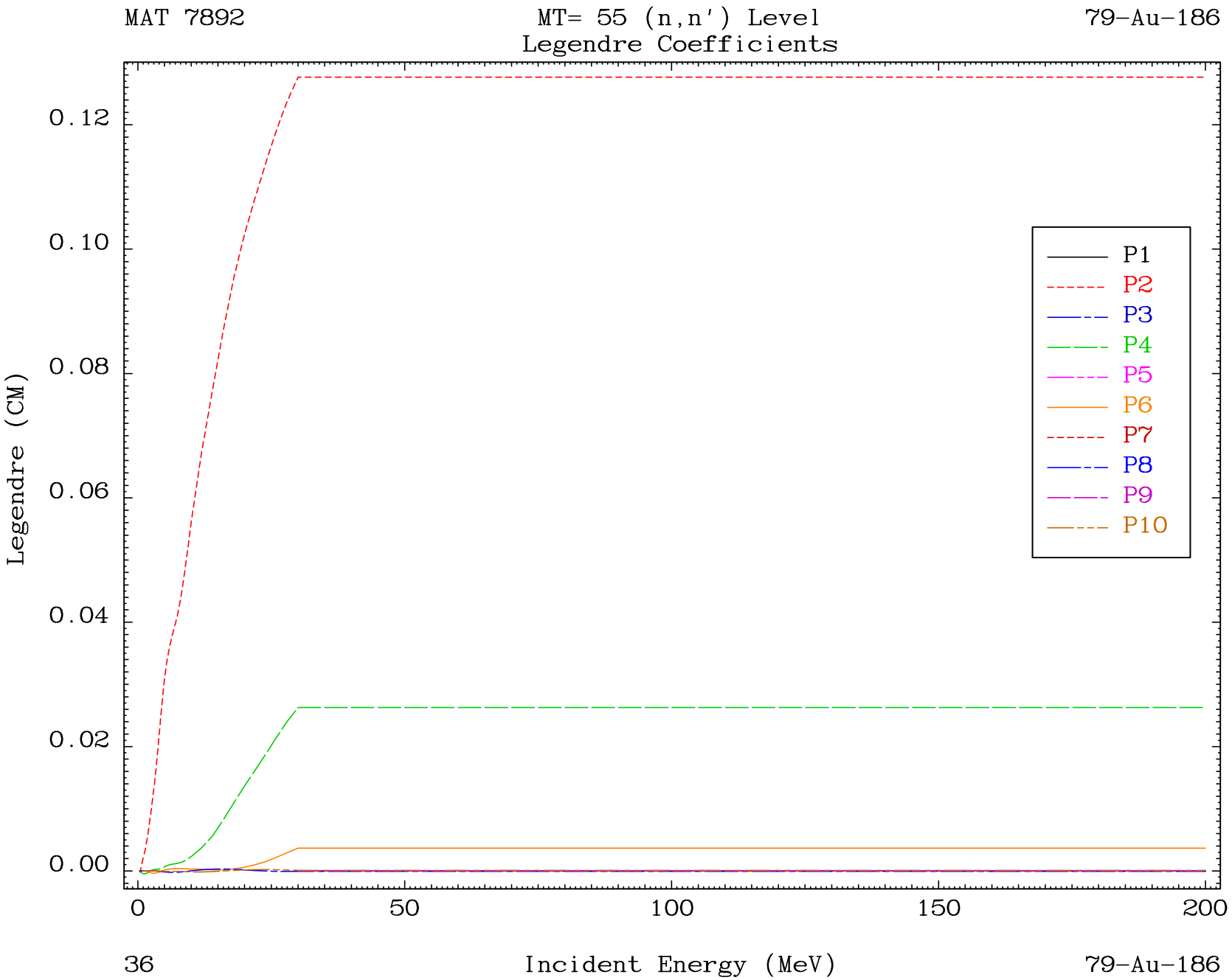

MAT 7892
MT= 53 (n,n') Level
Legendre Coefficients
79-Au-186
X10^-6
2.5
2.0
1.5
1.0
0.5
0.0
Legendre (CM)
P21
P22
P23
P24
P25
P26
P27
P28
50
100
150
200
31
Incident Energy (MeV)
79-Au-186

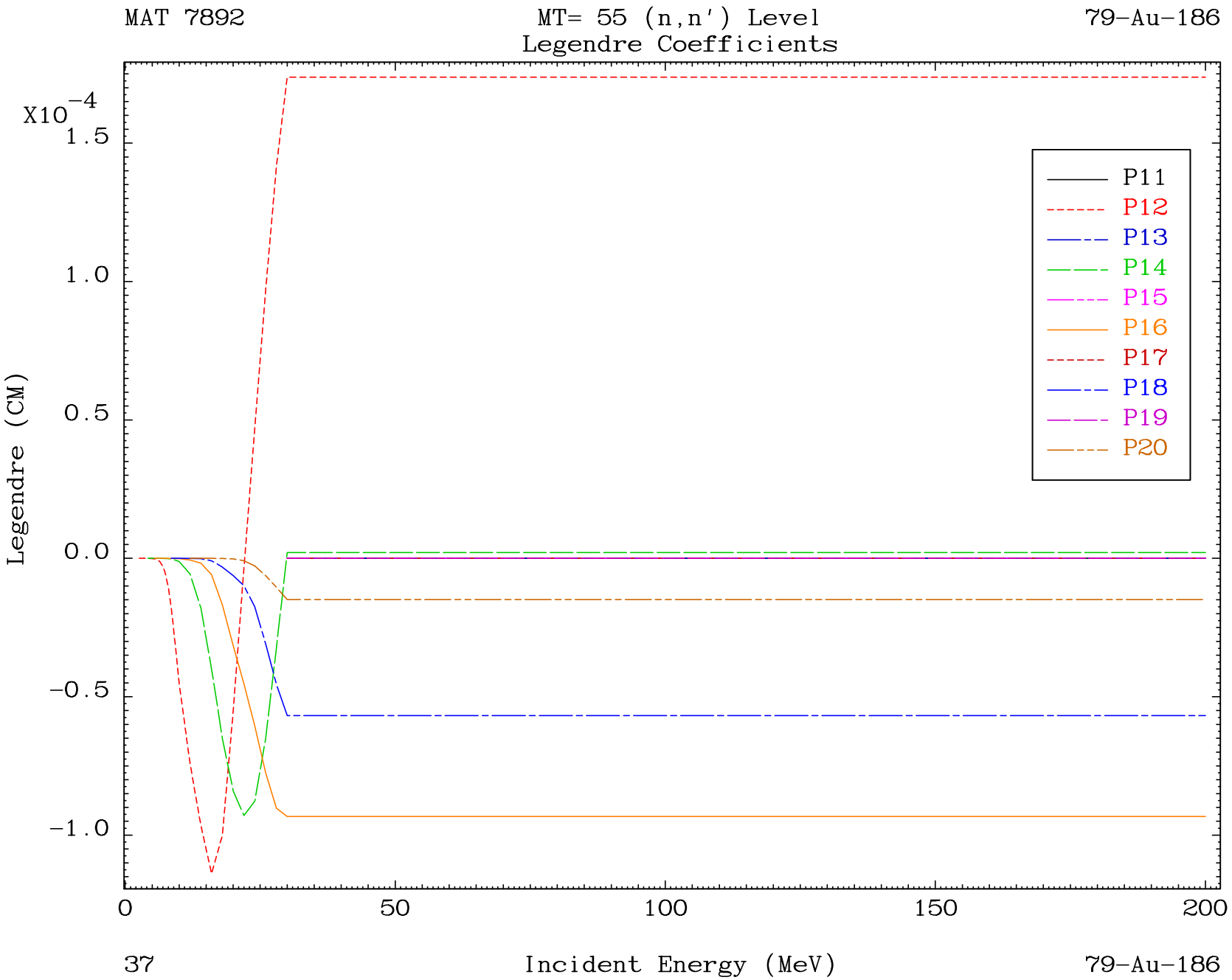

MAT 7892
MT= 54 (n,n') Level
Legendre Coefficients
79-Au-186
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10
1.0
0.8
0.6
0.4
0.2
0.0
Legendre (CM)
0
50
100
150
200
32
Incident Energy (MeV)
79-Au-186

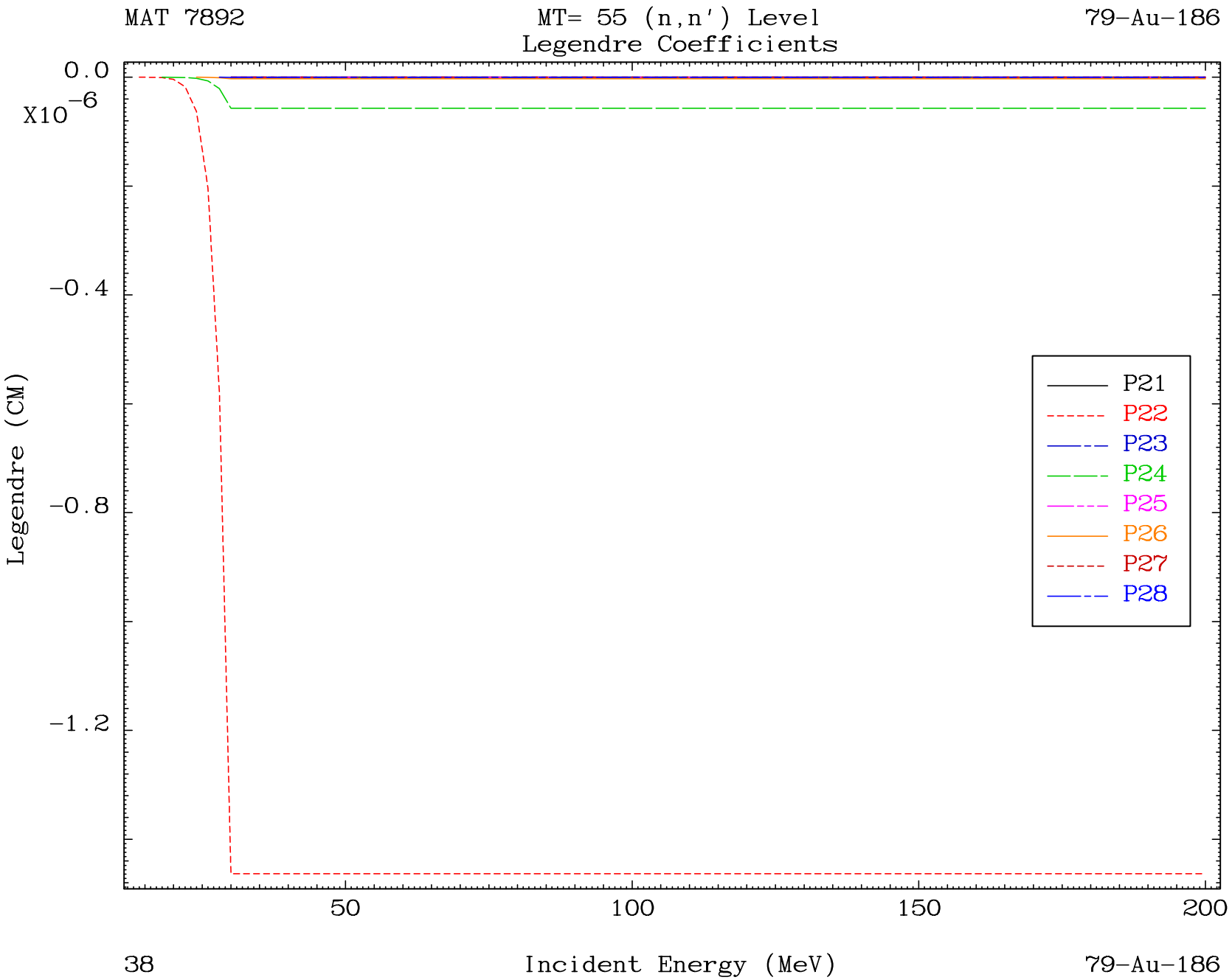

MAT 7892
MT= 54 (n,n') Level
Legendre Coefficients
79-Au-186
0.06
0.04
0.02
0.00
-0.02
Legendre (CM)
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20
0
50
100
150
200
33
Incident Energy (MeV)
79-Au-186

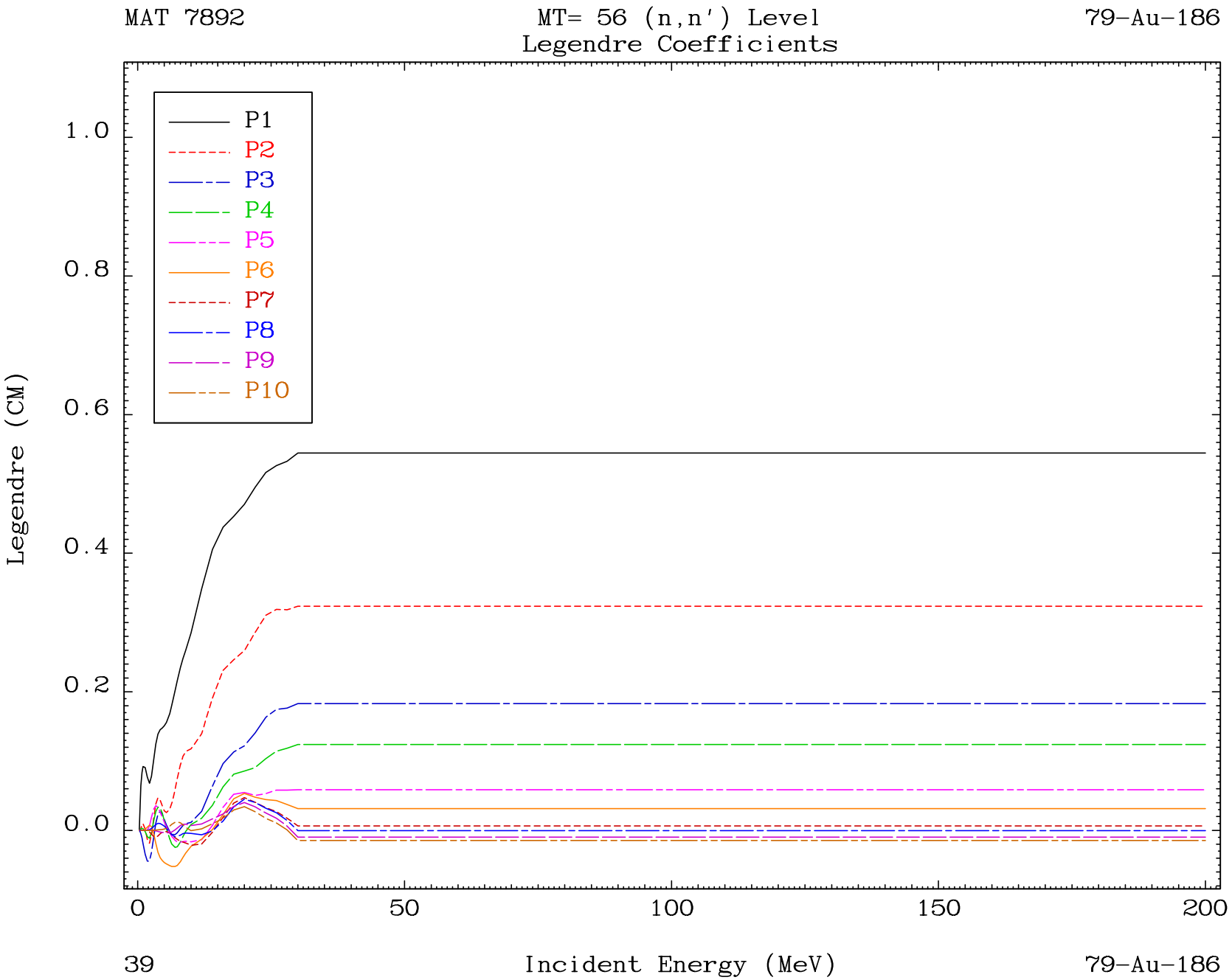

MAT 7892
MT= 54 (n,n') Level
Legendre Coefficients
79-Au-186
P21
P22
P23
P24
P25
P26
P27
P28
P29
P30
0.015
0.010
0.005
0.000
Legendre (CM)
50
100
150
200
34
Incident Energy (MeV)
79-Au-186

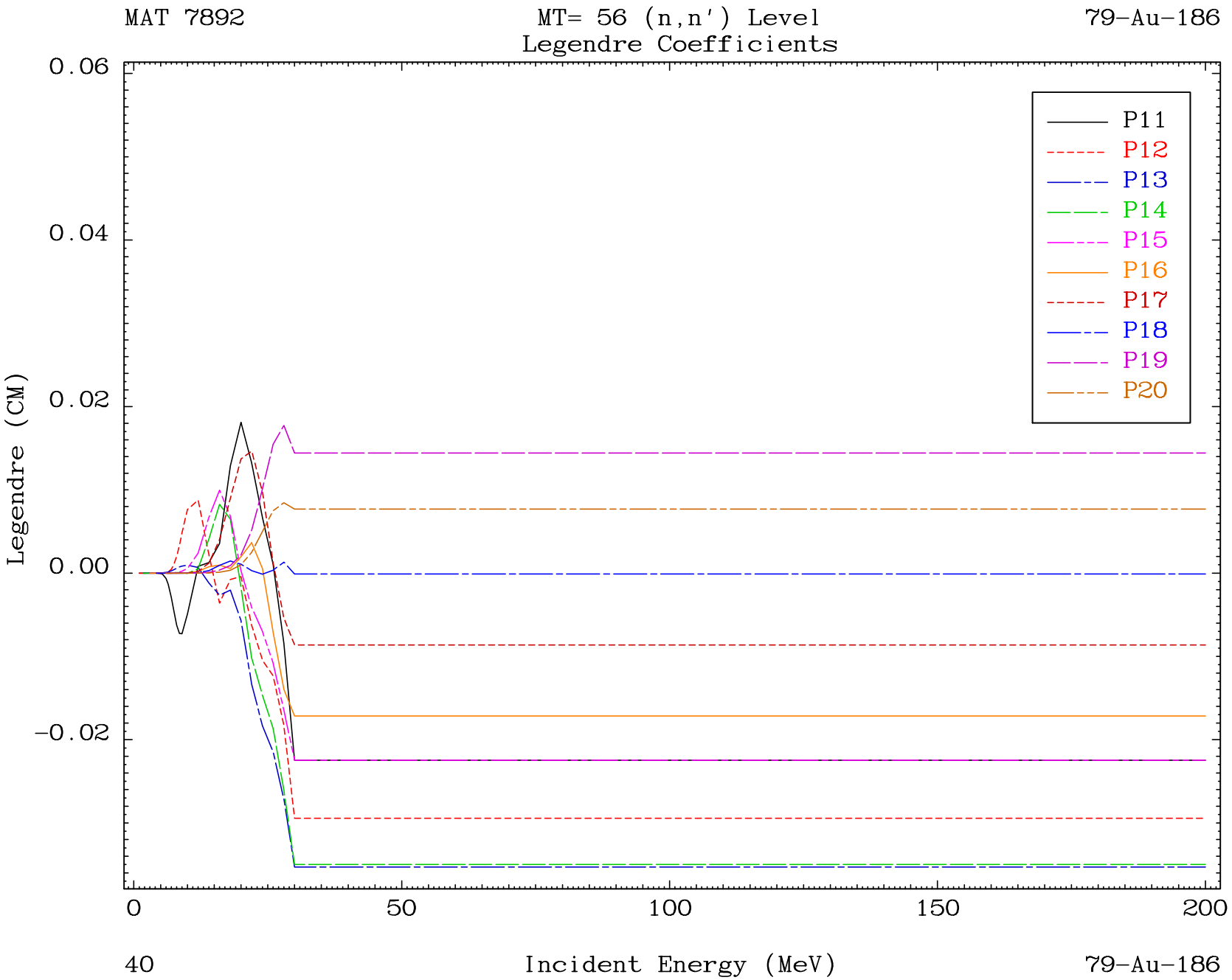

MAT 7892
MT= 54 (n,n') Level
Legendre Coefficients
79-Au-186
X10^-6
1.5
1.0
0.5
0.0
Legendre (CM)
P31
P32
P33
P34
P35
P36
P37
P38
50
100
150
200
35
Incident Energy (MeV)
79-Au-186

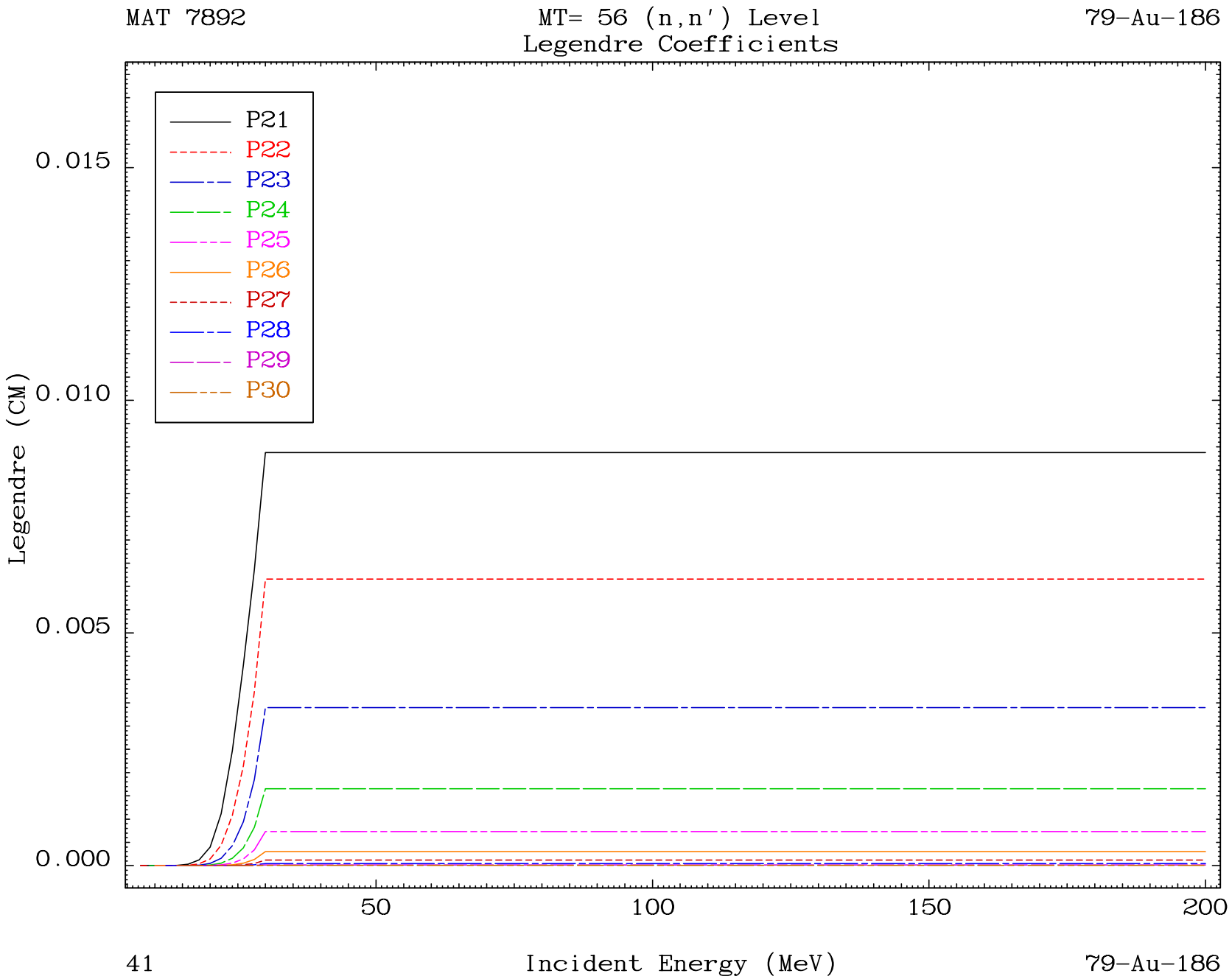

MAT 7892
MT= 55 (n,n') Level
Legendre Coefficients
79-Au-186
0.12
0.10
0.08
0.06
0.04
0.02
0.00
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10
0
50
100
150
200
36
Incident Energy (MeV)
79-Au-186

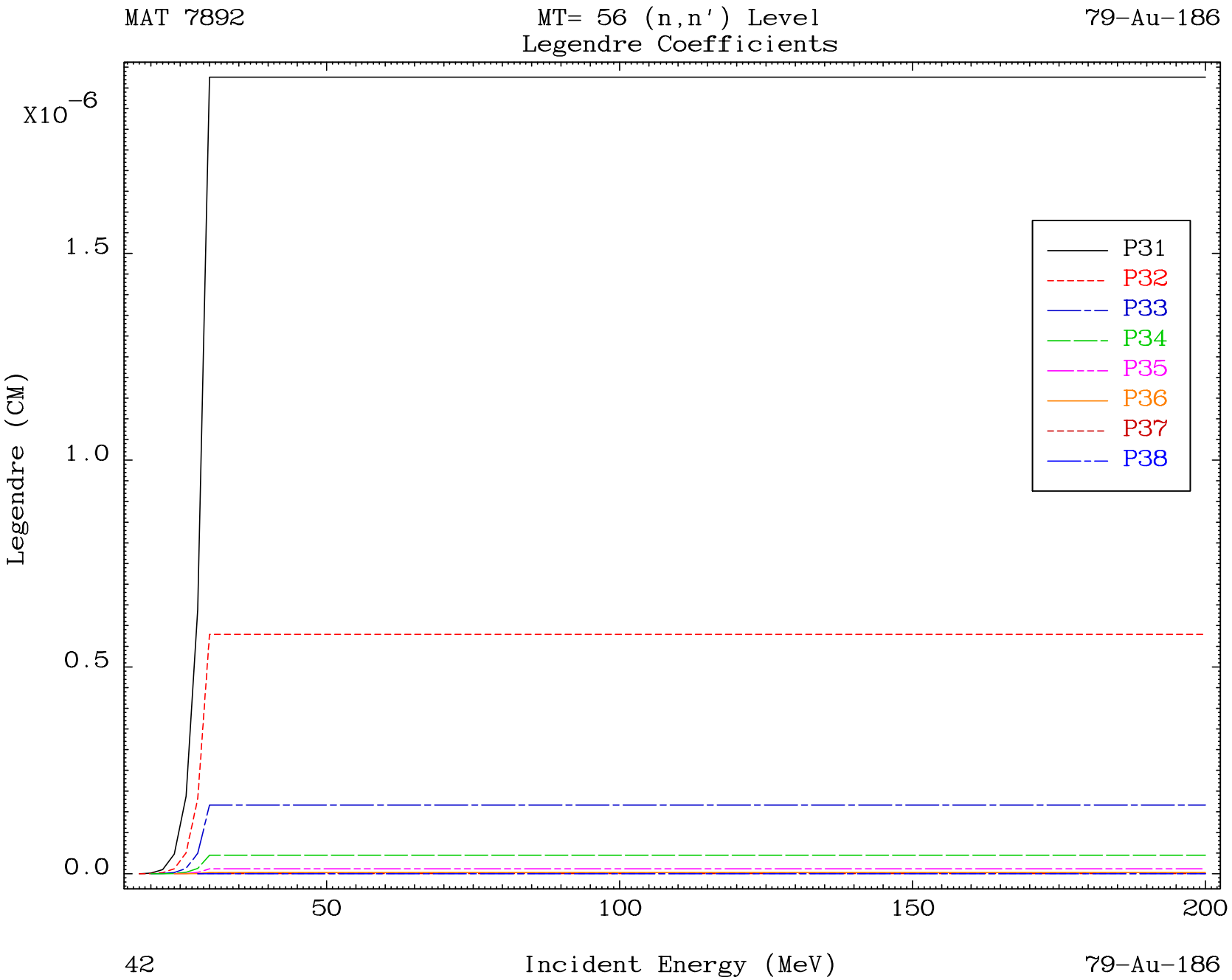

MAT 7892
MT= 55 (n,n') Level
Legendre Coefficients
79-Au-186
X10^-4
1.5
1.0
0.5
0.0
-0.5
-1.0
Legendre (CM)
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20
0
50
100
150
200
37
Incident Energy (MeV)
79-Au-186

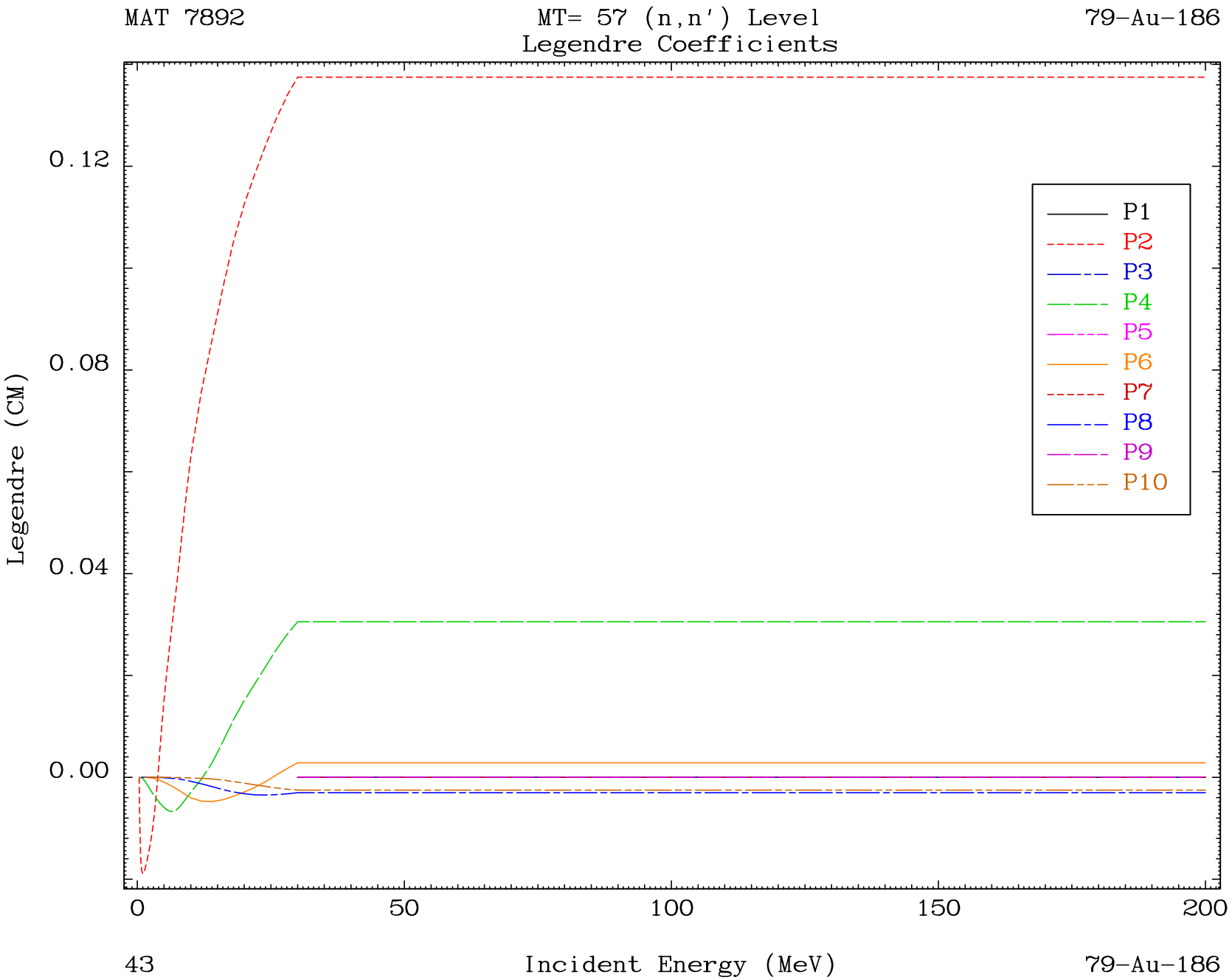

MAT 7892
MT= 55 (n,n') Level
Legendre Coefficients
79-Au-186
0.0
X10 −6
−0.4
−0.8
−1.2
Legendre (CM)
50
100
150
200
P21
P22
P23
P24
P25
P26
P27
P28
38
Incident Energy (MeV)
79-Au-186

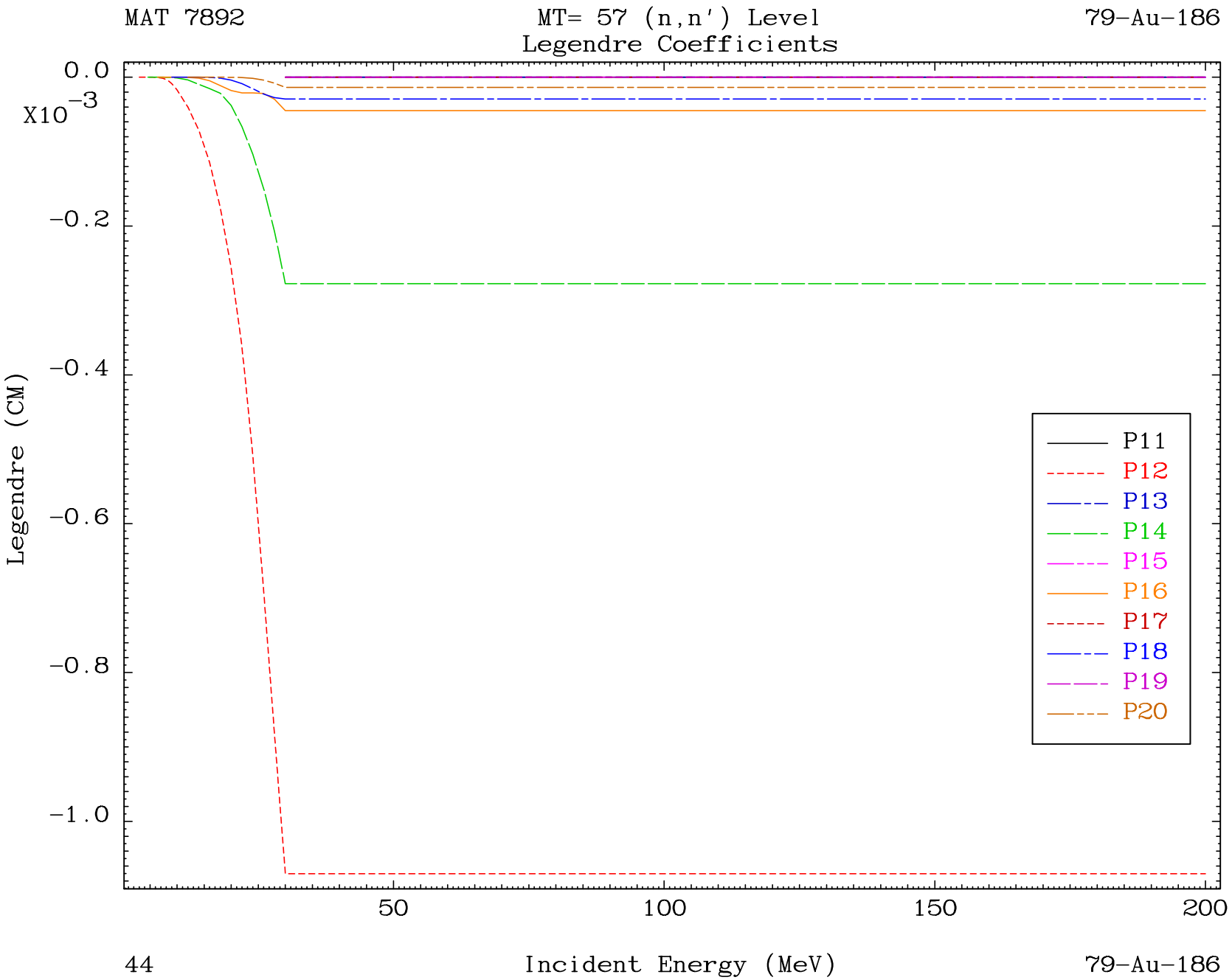

MAT 7892
MT= 56 (n,n') Level
Legendre Coefficients
79-Au-186
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10
1.0
0.8
0.6
0.4
0.2
0.0
Legendre (CM)
0
50
100
150
200
39
Incident Energy (MeV)
79-Au-186

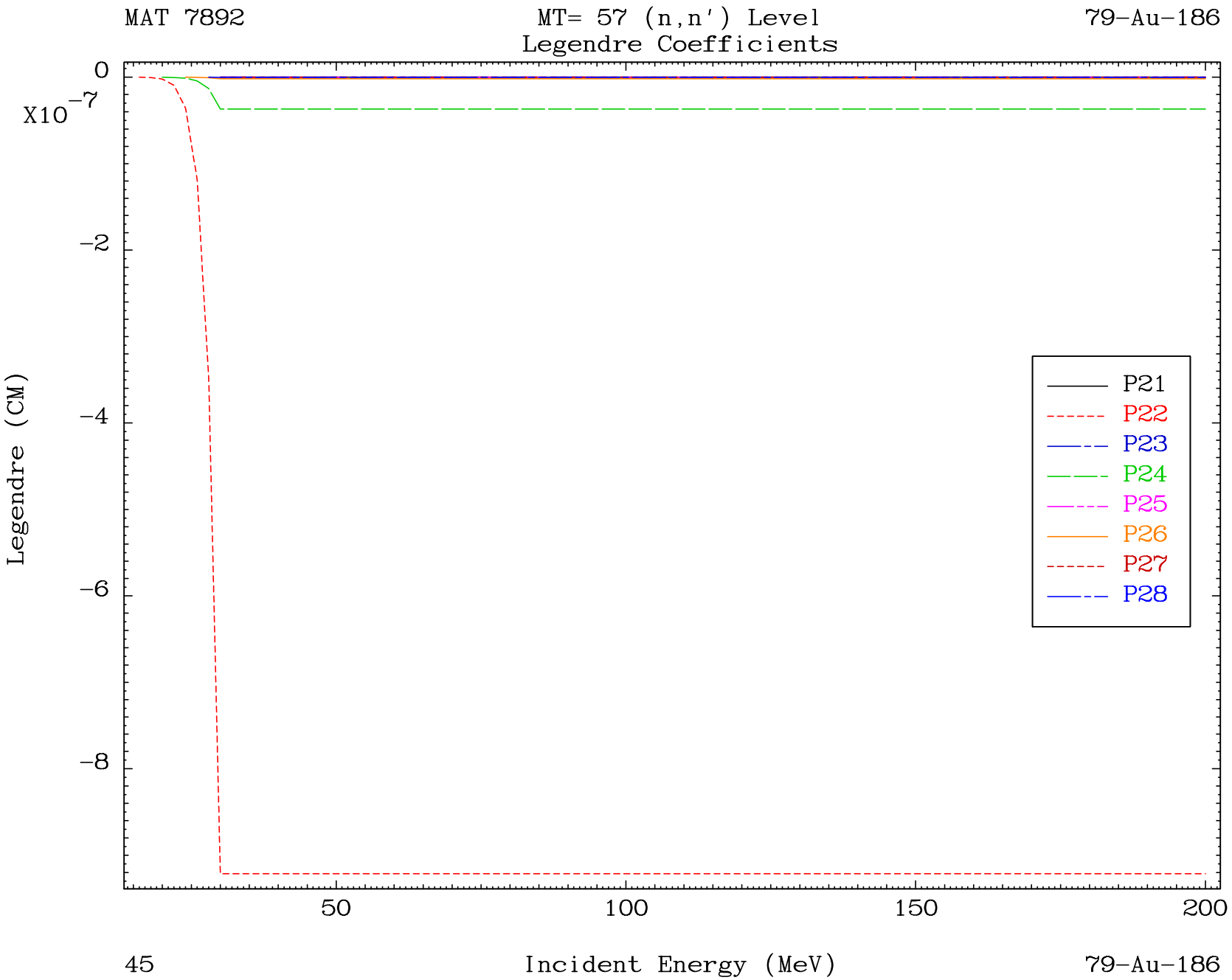

MAT 7892
MT= 56 (n,n') Level
Legendre Coefficients
79-Au-186
0.06
0.04
0.02
0.00
-0.02
Legendre (CM)
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20
0
50
100
150
200
40
Incident Energy (MeV)
79-Au-186

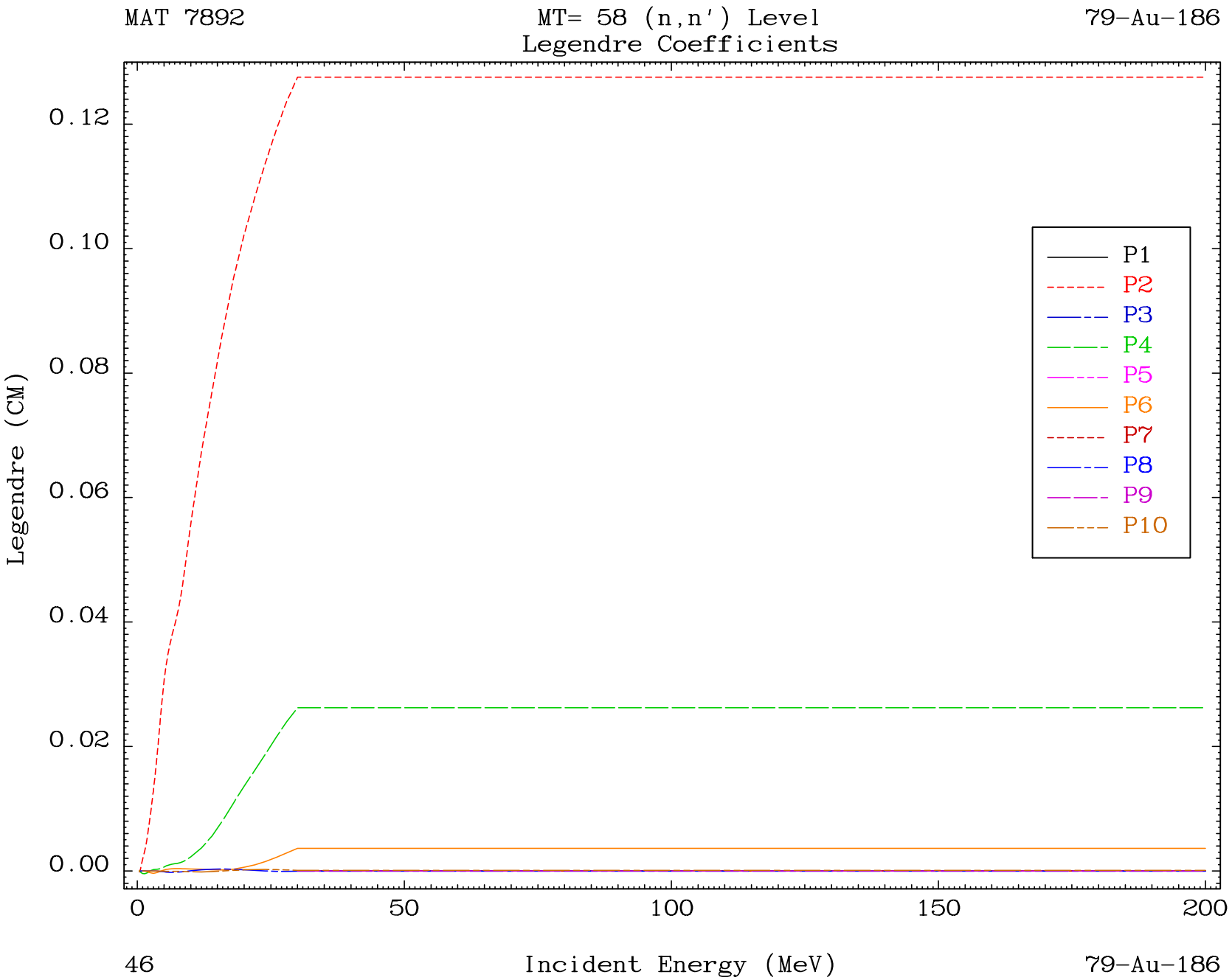

MAT 7892
MT= 56 (n,n') Level
Legendre Coefficients
79-Au-186
P21
P22
P23
P24
P25
P26
P27
P28
P29
P30
0.015
0.010
0.005
0.000
Legendre (CM)
50
100
150
200
41
Incident Energy (MeV)
79-Au-186

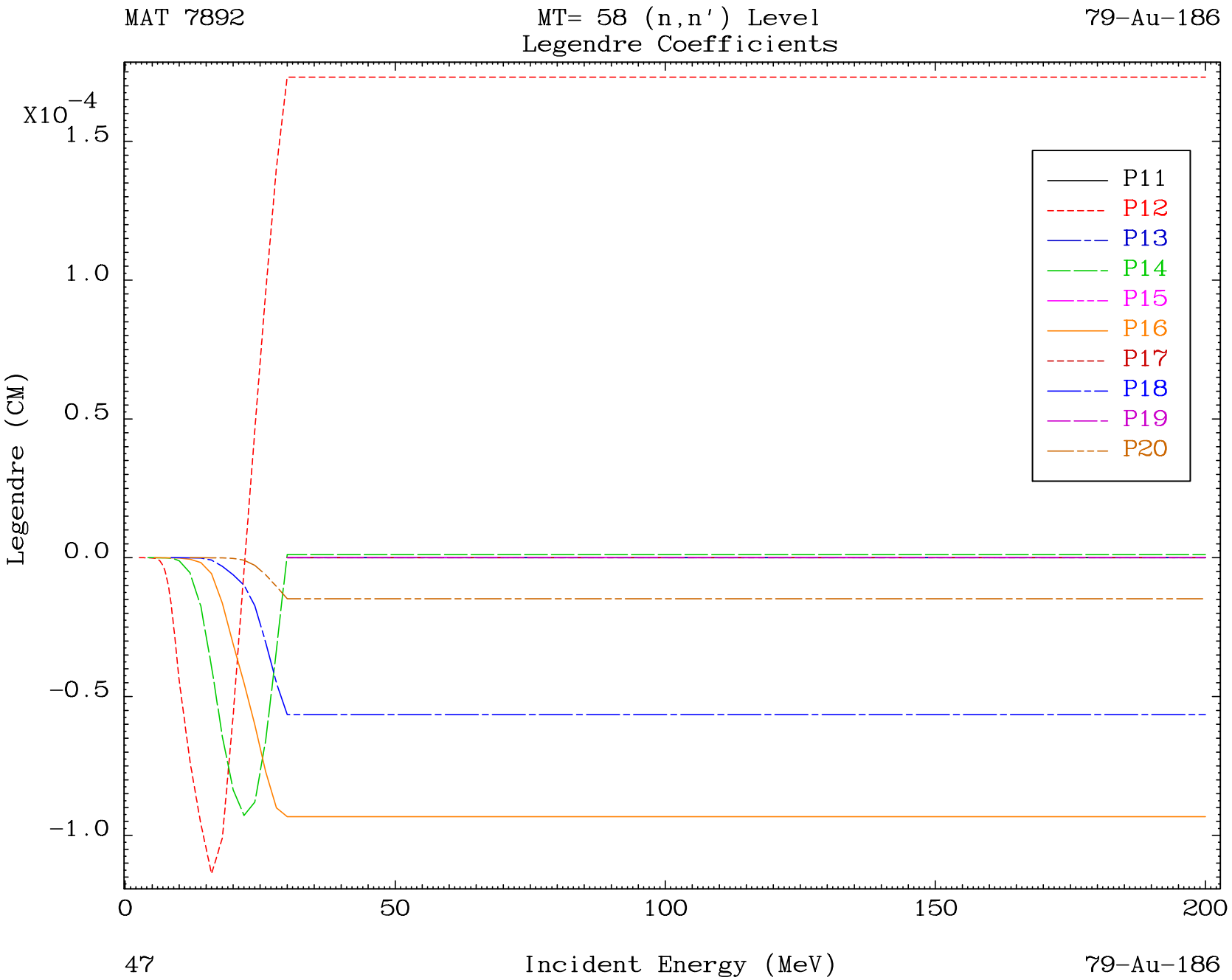

MAT 7892
MT= 56 (n,n') Level
Legendre Coefficients
79-Au-186
X10^-6
1.5
1.0
0.5
0.0
Legendre (CM)
P31
P32
P33
P34
P35
P36
P37
P38
50
100
150
200
42
Incident Energy (MeV)
79-Au-186

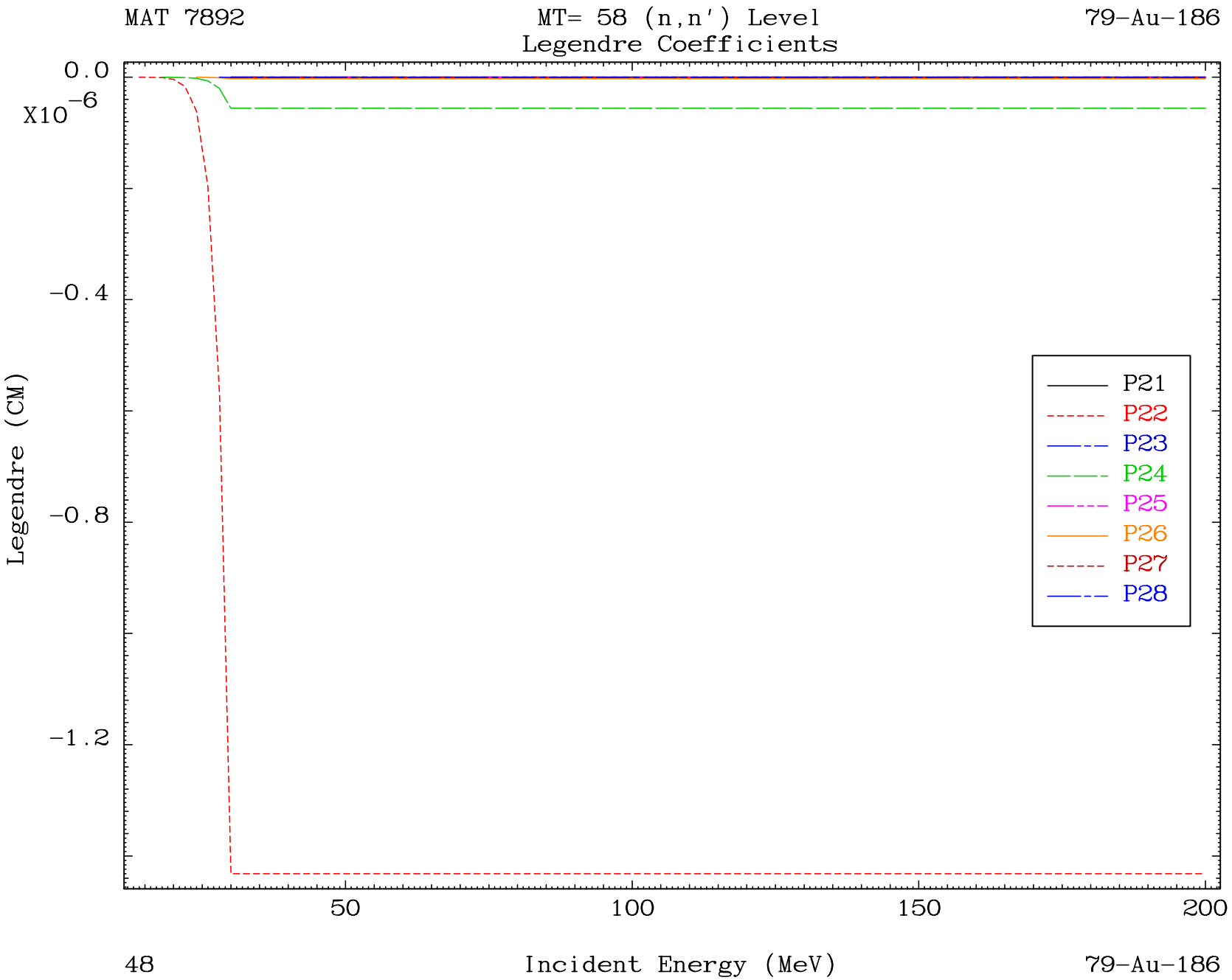

MAT 7892
MT= 57 (n,n') Level
Legendre Coefficients
79-Au-186
0.12
0.08
0.04
0.00
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10
0
50
100
150
200
43
Incident Energy (MeV)
79-Au-186

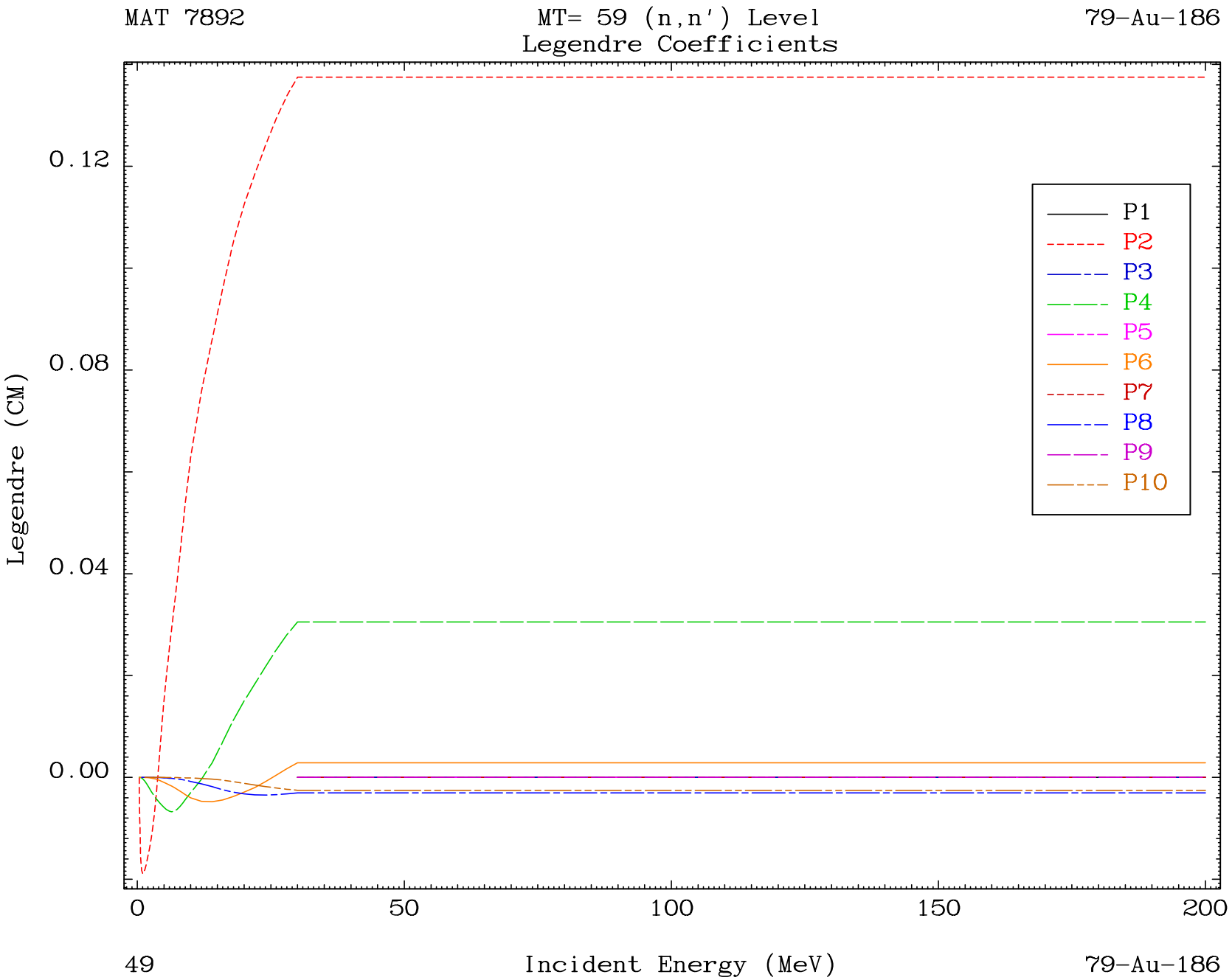

MAT 7892
MT= 57 (n,n') Level
Legendre Coefficients
79-Au-186
0.0
X10^-3
-0.2
-0.4
-0.6
-0.8
-1.0
Legendre (CM)
50
100
150
200
Incident Energy (MeV)
44
79-Au-186
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20

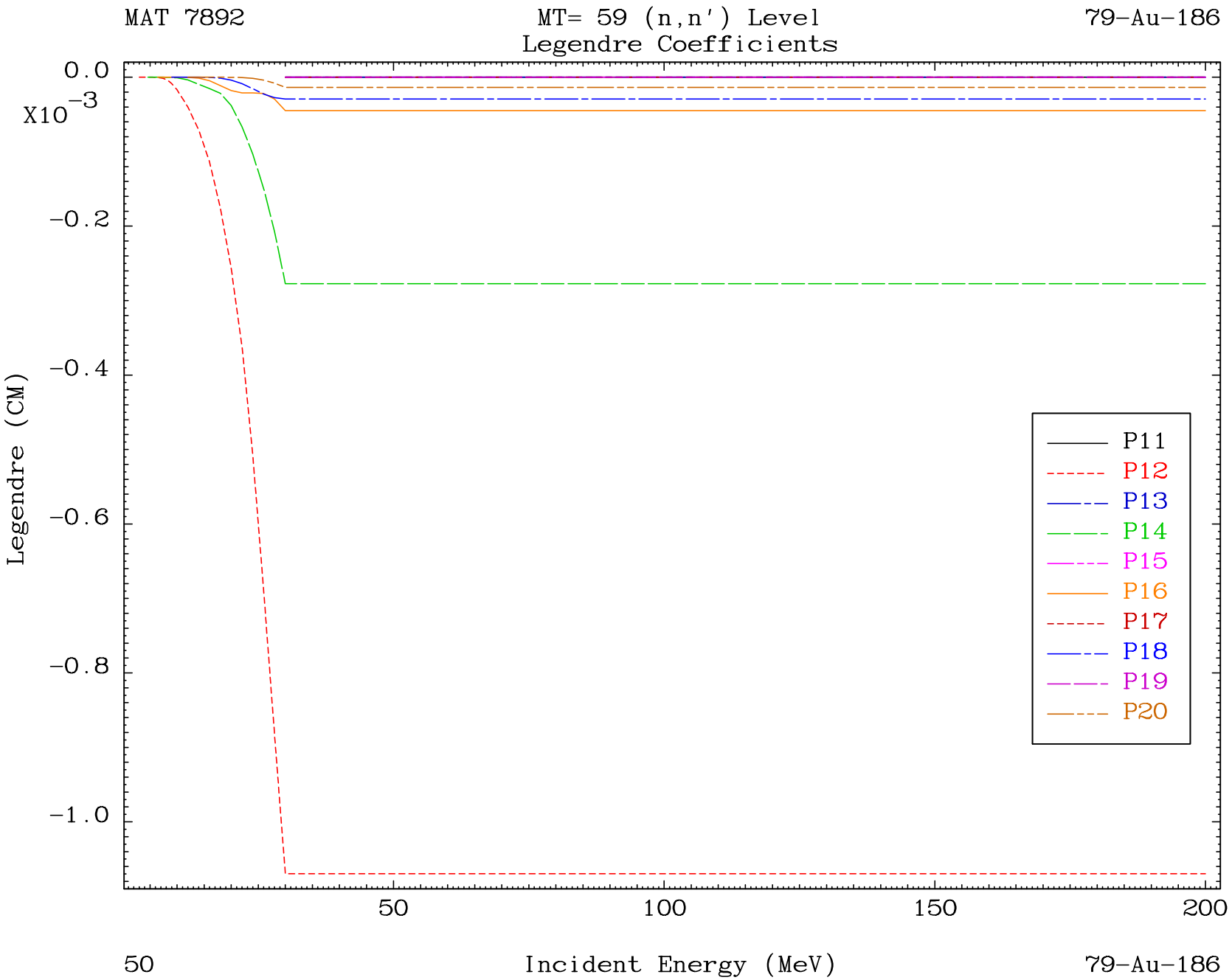

MAT 7892
MT= 57 (n,n') Level
Legendre Coefficients
79-Au-186
0
X10-7
-2
-4
-6
-8
Legendre (CM)
P21
P22
P23
P24
P25
P26
P27
P28
50
100
150
200
45
Incident Energy (MeV)
79-Au-186

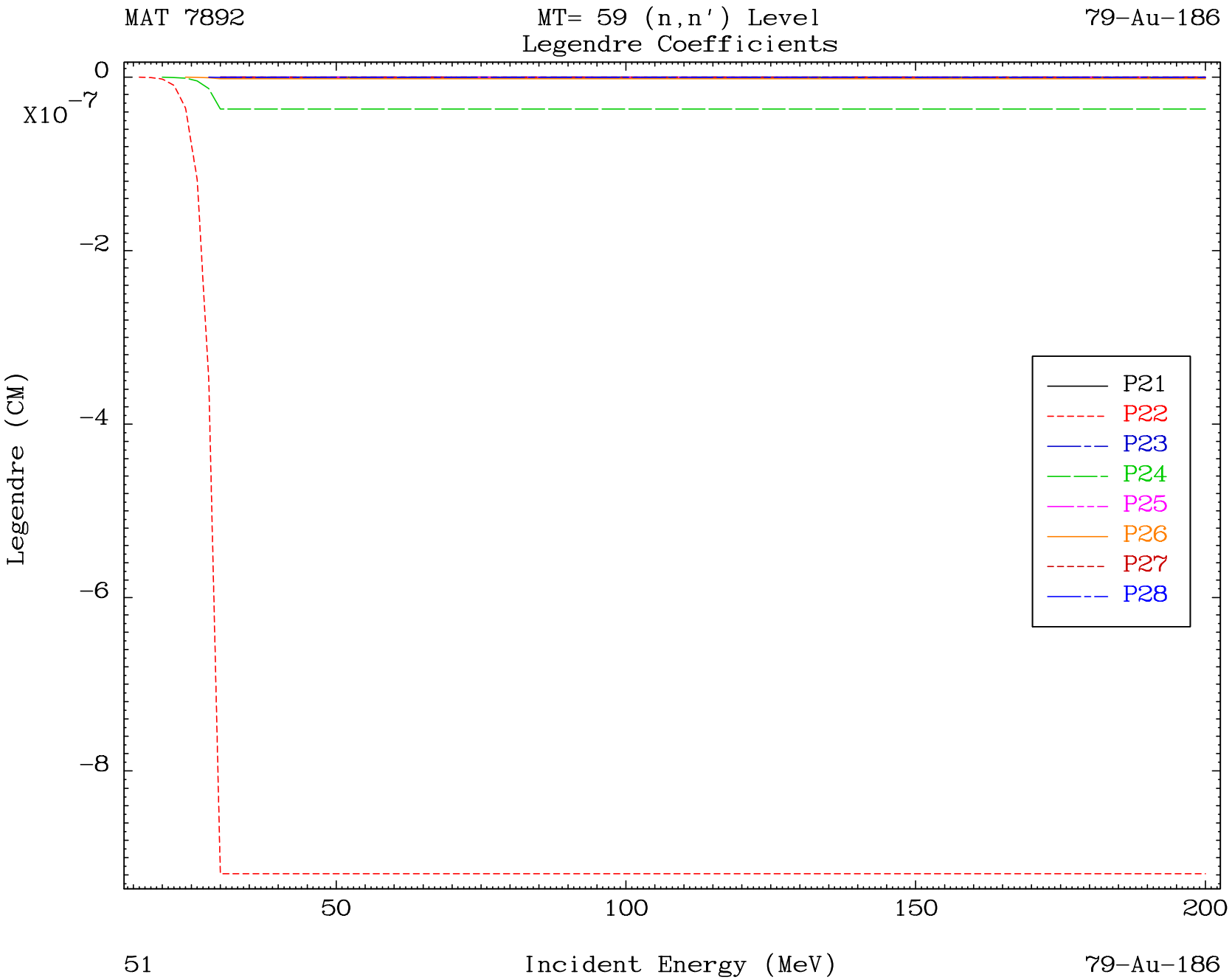

MAT 7892
MT= 58 (n,n') Level
Legendre Coefficients
79-Au-186
0.12
0.10
0.08
0.06
0.04
0.02
0.00
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10
0
50
100
150
200
46
Incident Energy (MeV)
79-Au-186

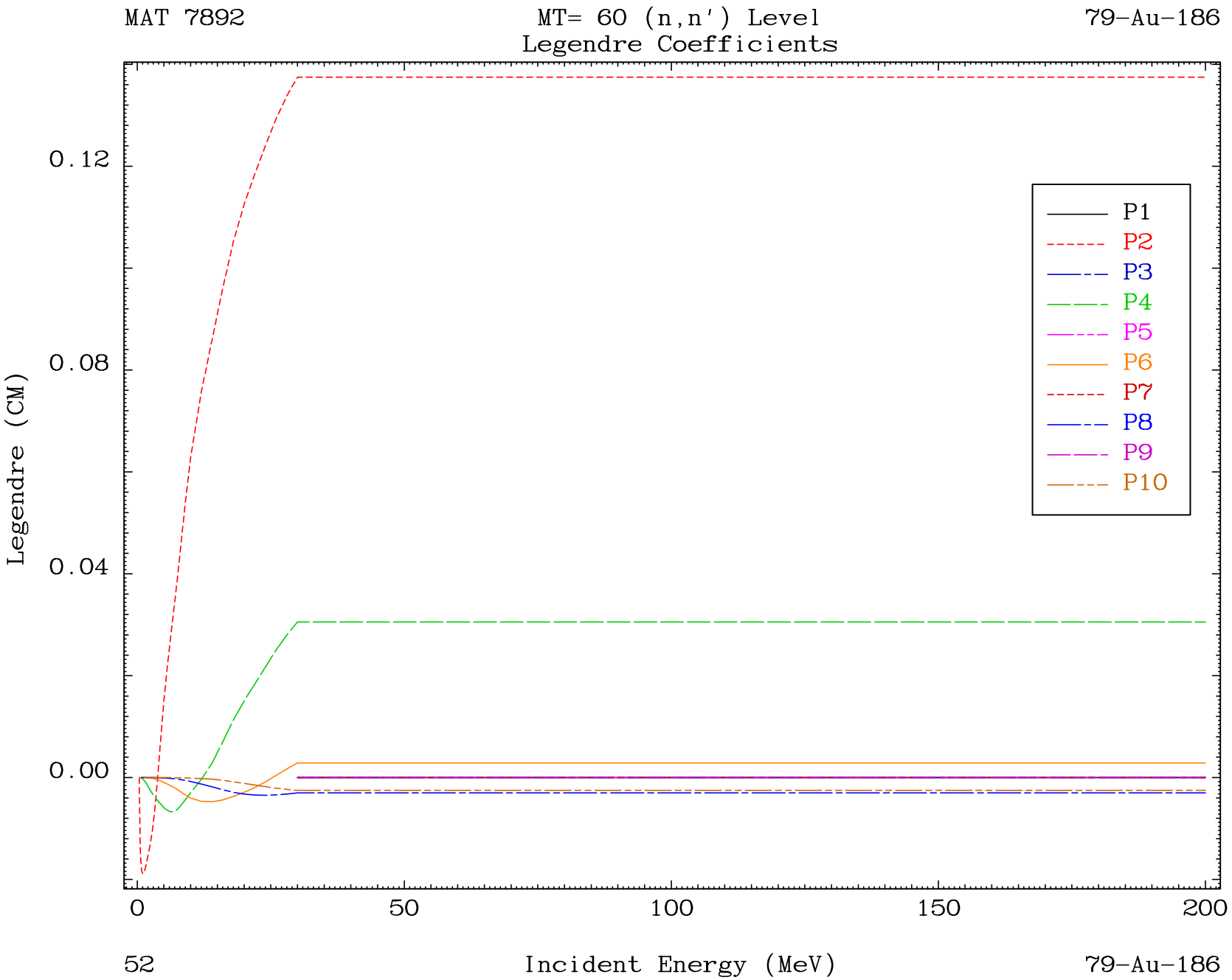

MAT 7892
MT= 58 (n,n') Level
Legendre Coefficients
79-Au-186
X10^-4
1.5
1.0
0.5
0.0
-0.5
-1.0
Legendre (CM)
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20
0
50
100
150
200
47
Incident Energy (MeV)
79-Au-186

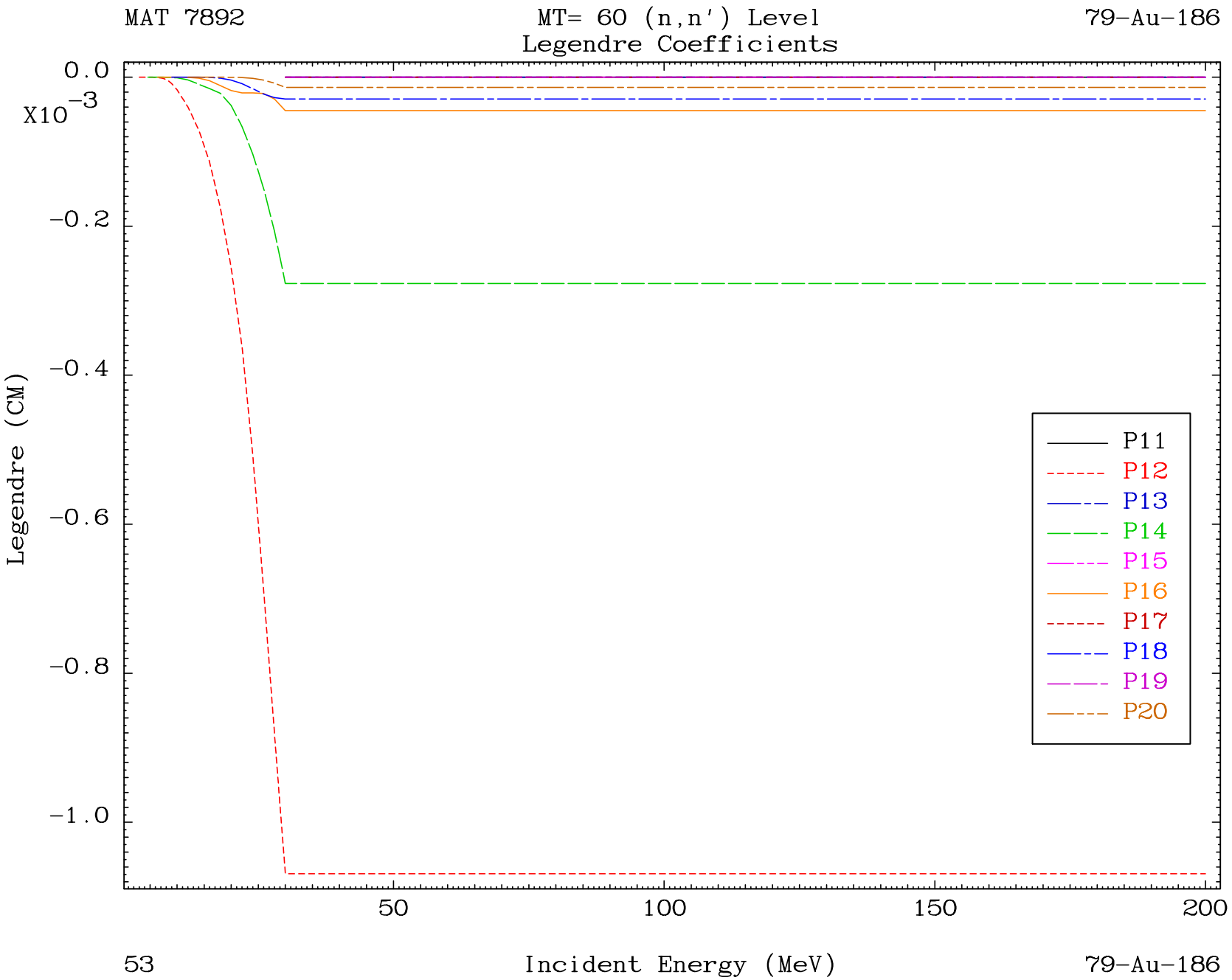

MAT 7892
MT= 58 (n,n') Level
Legendre Coefficients
79-Au-186
0.0
X10^-6
-0.4
-0.8
-1.2
Legendre (CM)
50
100
150
200
48
Incident Energy (MeV)
79-Au-186
P21
P22
P23
P24
P25
P26
P27
P28

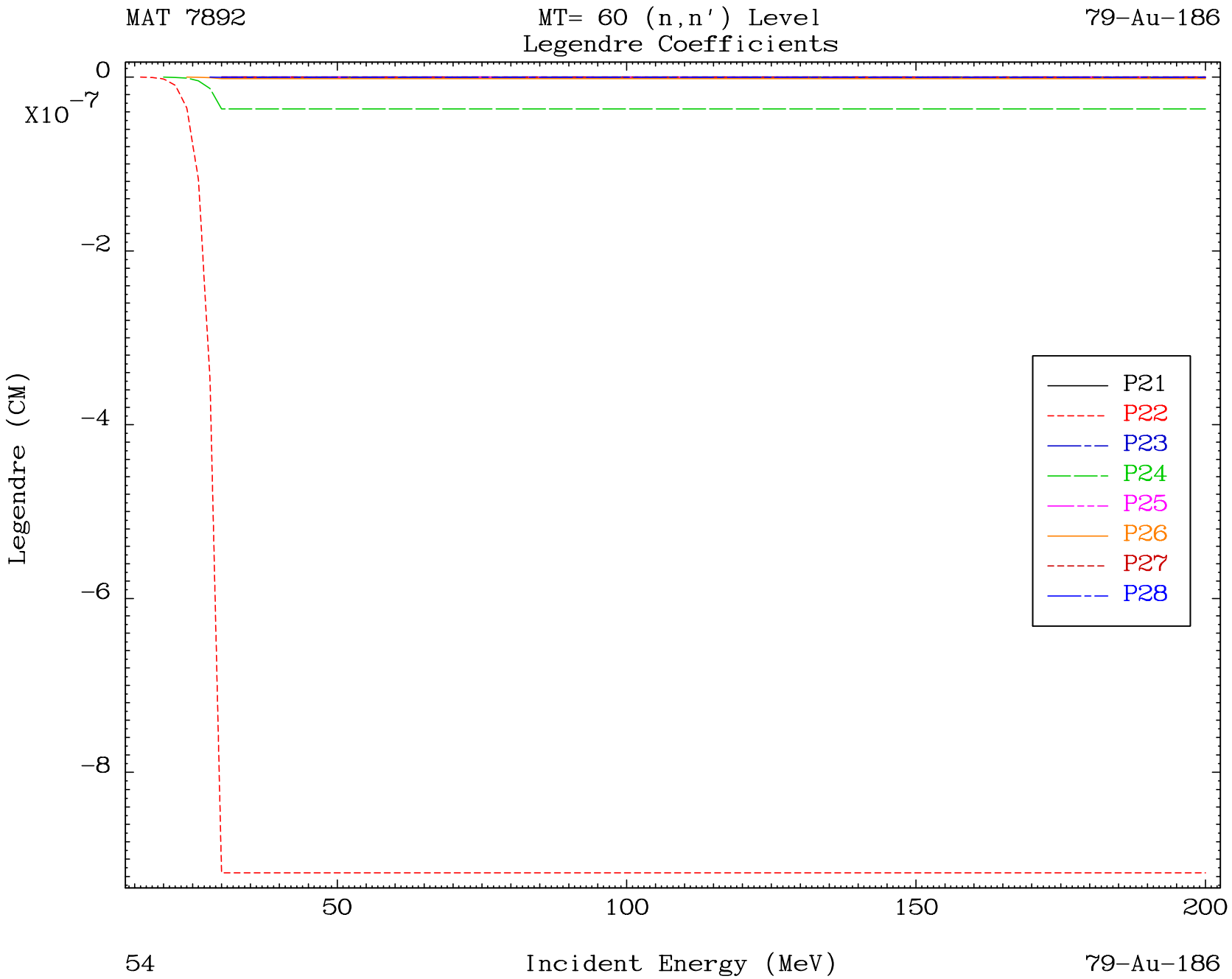

MAT 7892
MT= 59 (n,n') Level
Legendre Coefficients
79-Au-186
0.12
0.08
0.04
0.00
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10
0
50
100
150
200
49
Incident Energy (MeV)
79-Au-186

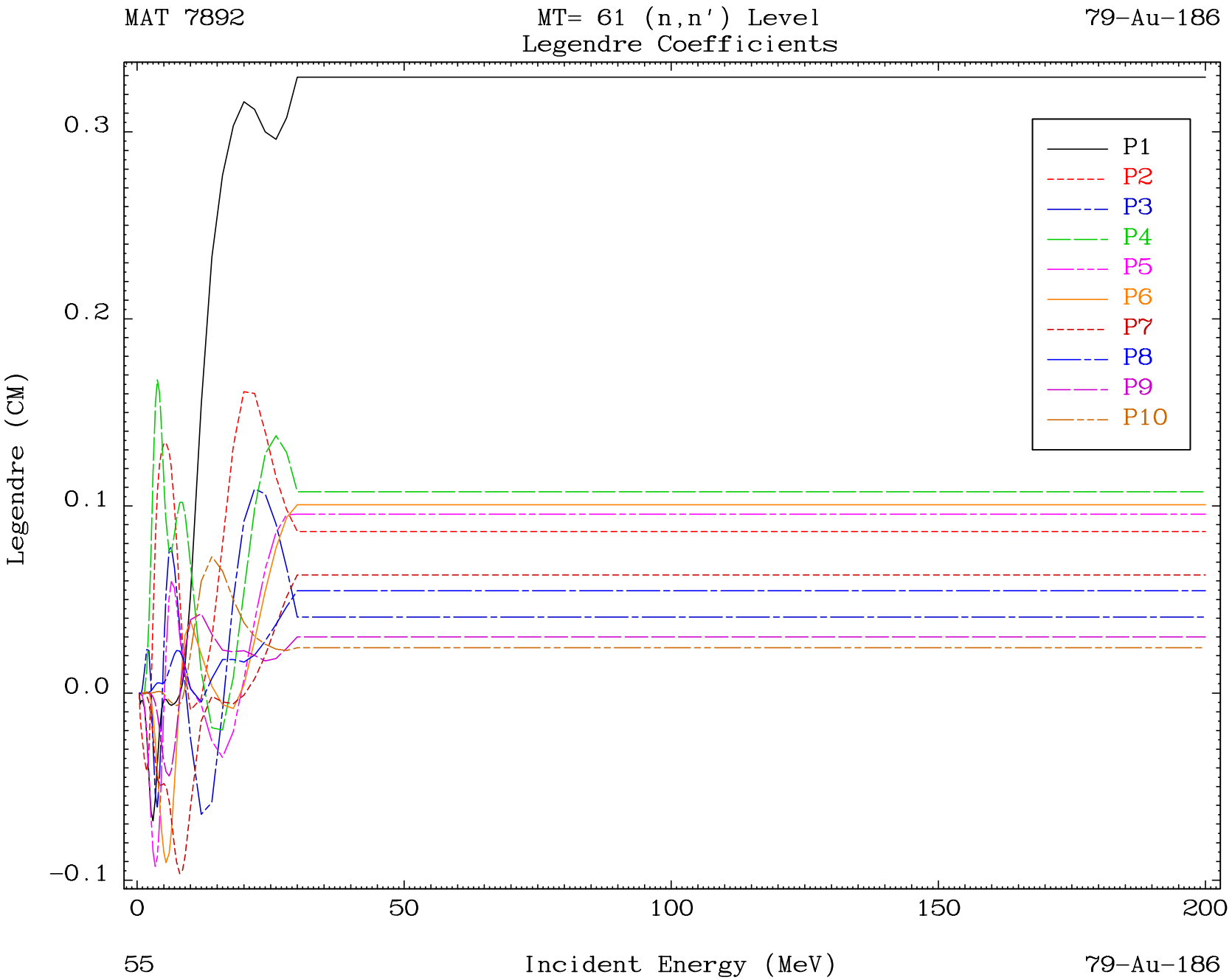

MAT 7892
MT= 59 (n,n') Level
Legendre Coefficients
79-Au-186
0.0
X10^-3
-0.2
-0.4
-0.6
-0.8
-1.0
Legendre (CM)
50
100
150
200
Incident Energy (MeV)
50
79-Au-186
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20

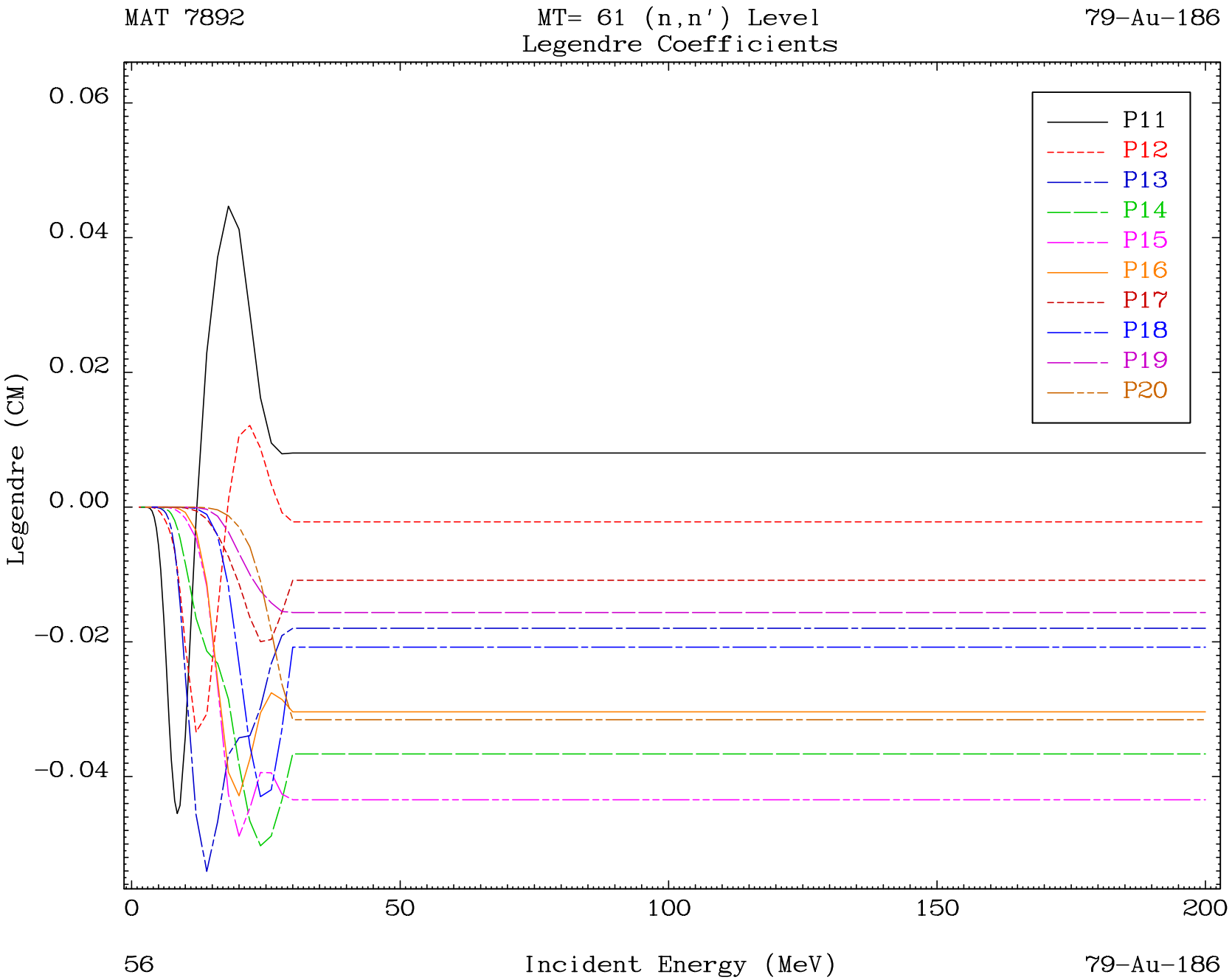

MAT 7892
MT= 59 (n,n') Level
Legendre Coefficients
79-Au-186
X10-7
0
-2
-4
-6
-8
Legendre (CM)
50
100
150
200
P21
P22
P23
P24
P25
P26
P27
P28
51
Incident Energy (MeV)
79-Au-186

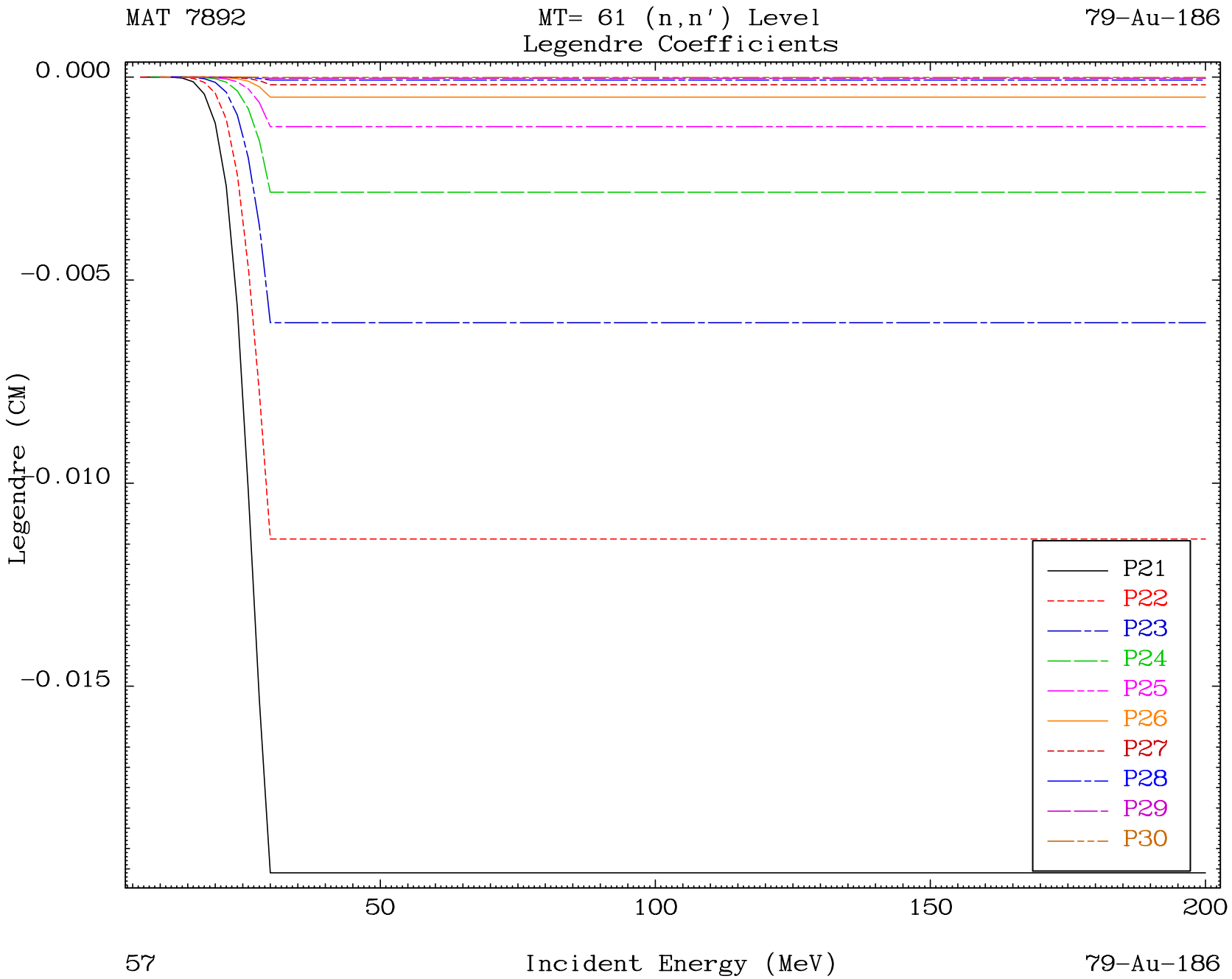

MAT 7892
MT= 60 (n,n') Level
Legendre Coefficients
79-Au-186
0.12
0.08
0.04
0.00
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10
0
50
100
150
200
52
Incident Energy (MeV)
79-Au-186

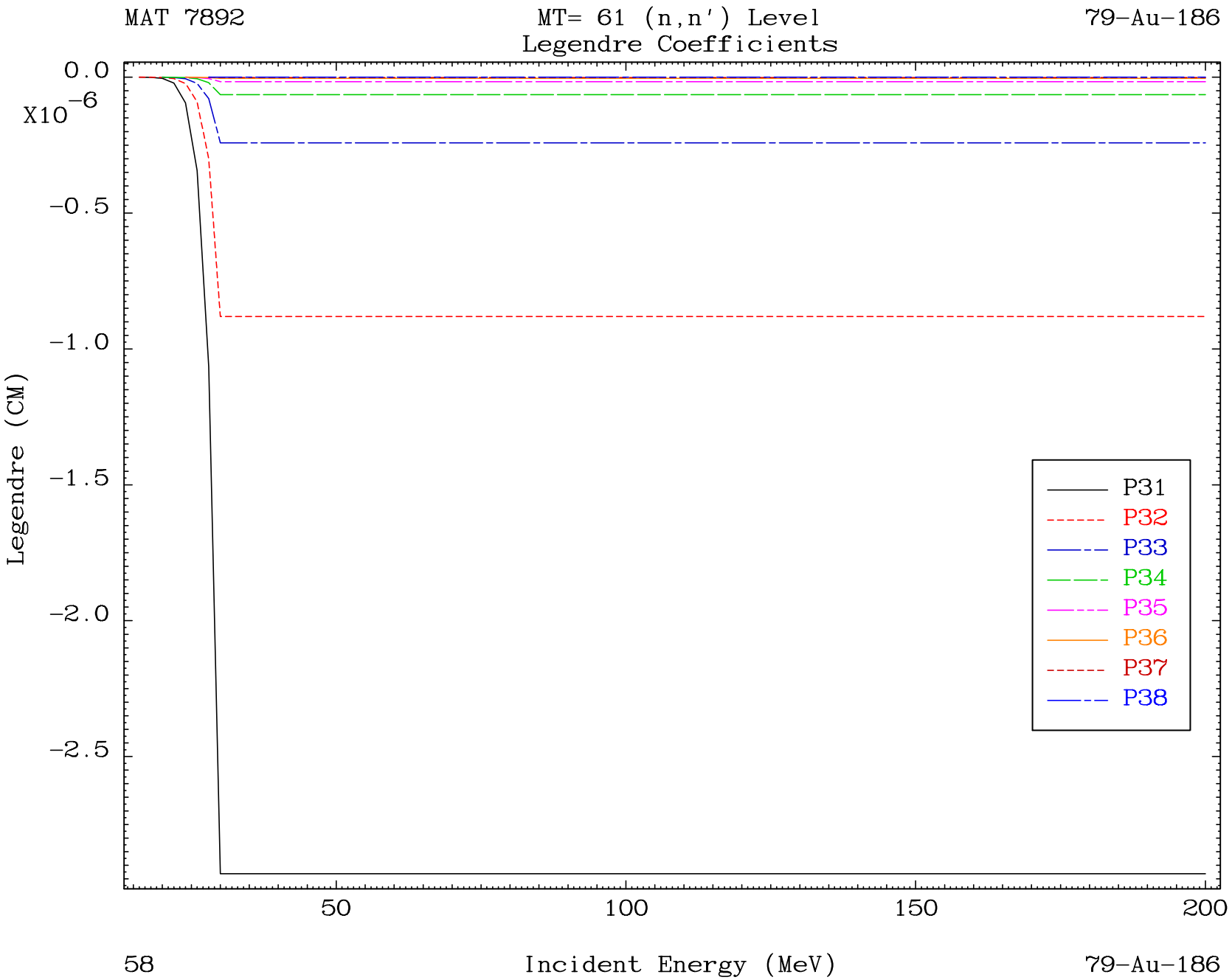

MAT 7892
MT= 60 (n,n') Level
Legendre Coefficients
79-Au-186
0.0
X10^-3
-0.2
-0.4
-0.6
-0.8
-1.0
Legendre (CM)
50
100
150
200
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20
53
Incident Energy (MeV)
79-Au-186

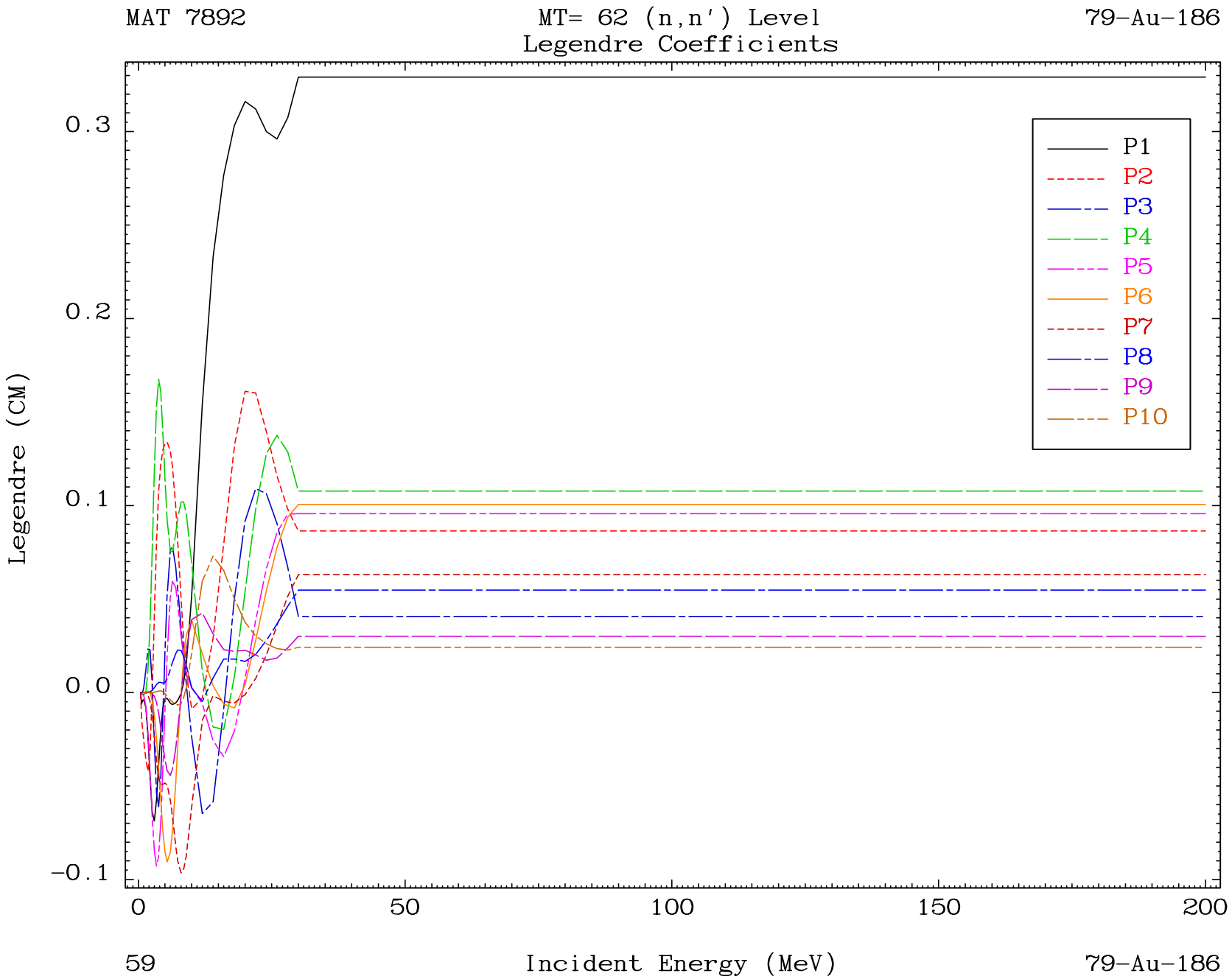

MAT 7892
MT= 60 (n,n') Level
Legendre Coefficients
79-Au-186
0
X10-7
-2
-4
-6
-8
Legendre (CM)
P21
P22
P23
P24
P25
P26
P27
P28
50
100
150
200
54
Incident Energy (MeV)
79-Au-186

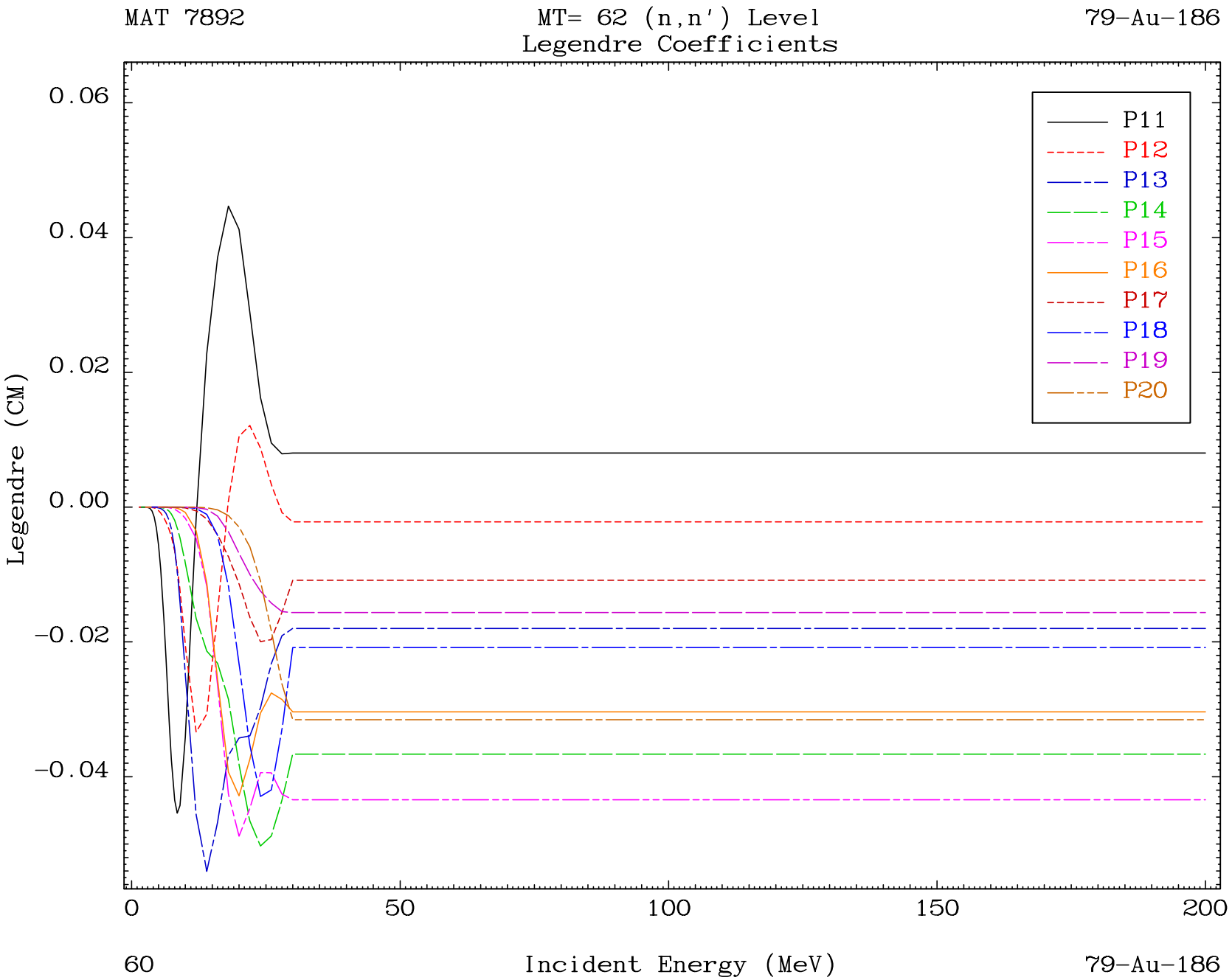

MAT 7892
MT= 61 (n,n') Level
Legendre Coefficients
79-Au-186
Legendre (CM)
0.3
0.2
0.1
0.0
-0.1
0
50
100
150
200
55
Incident Energy (MeV)
79-Au-186
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10

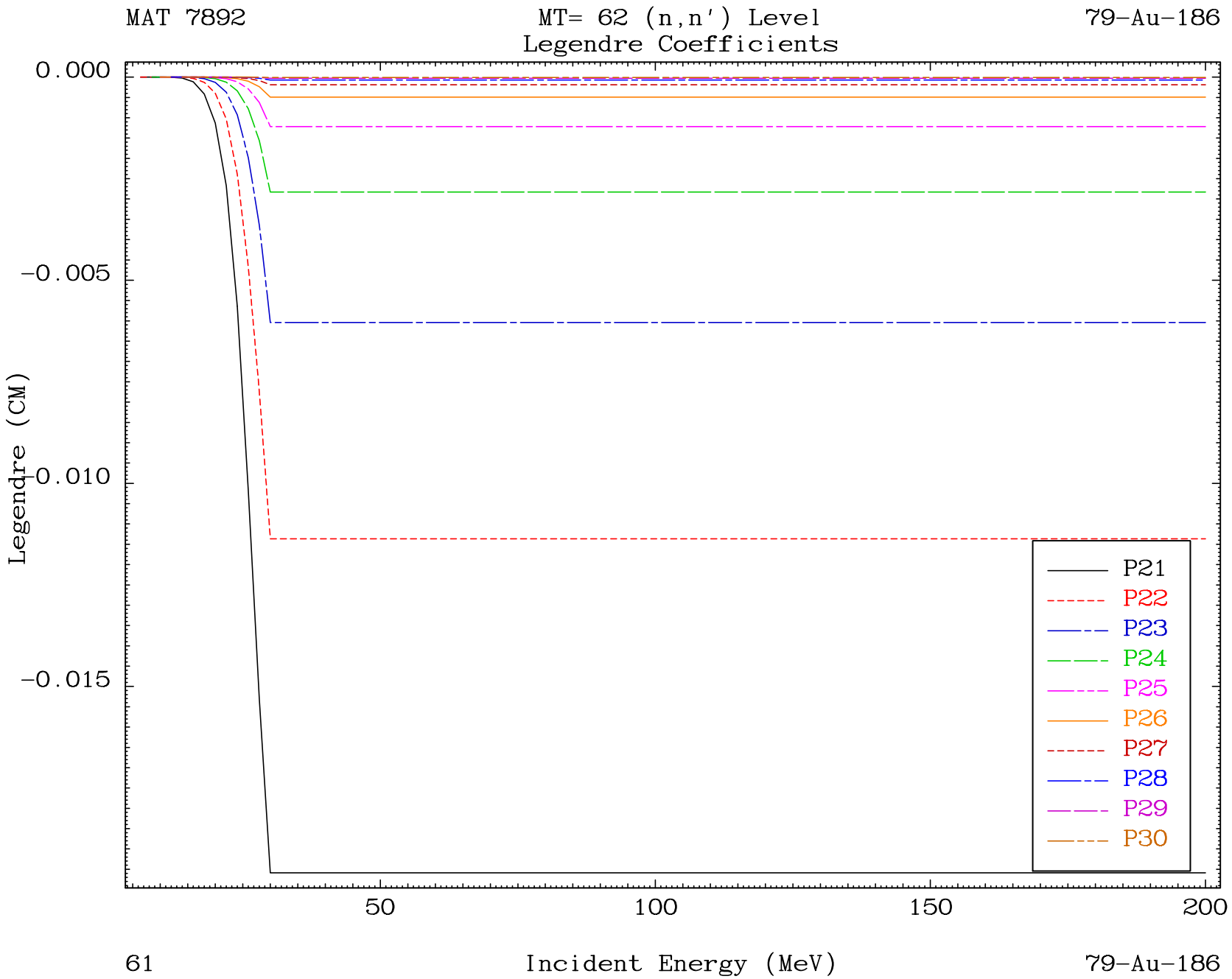

MAT 7892
MT= 61 (n,n') Level
Legendre Coefficients
79-Au-186
0.06
0.04
0.02
0.00
-0.02
-0.04
Legendre (CM)
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20
0
50
100
150
200
56
Incident Energy (MeV)
79-Au-186

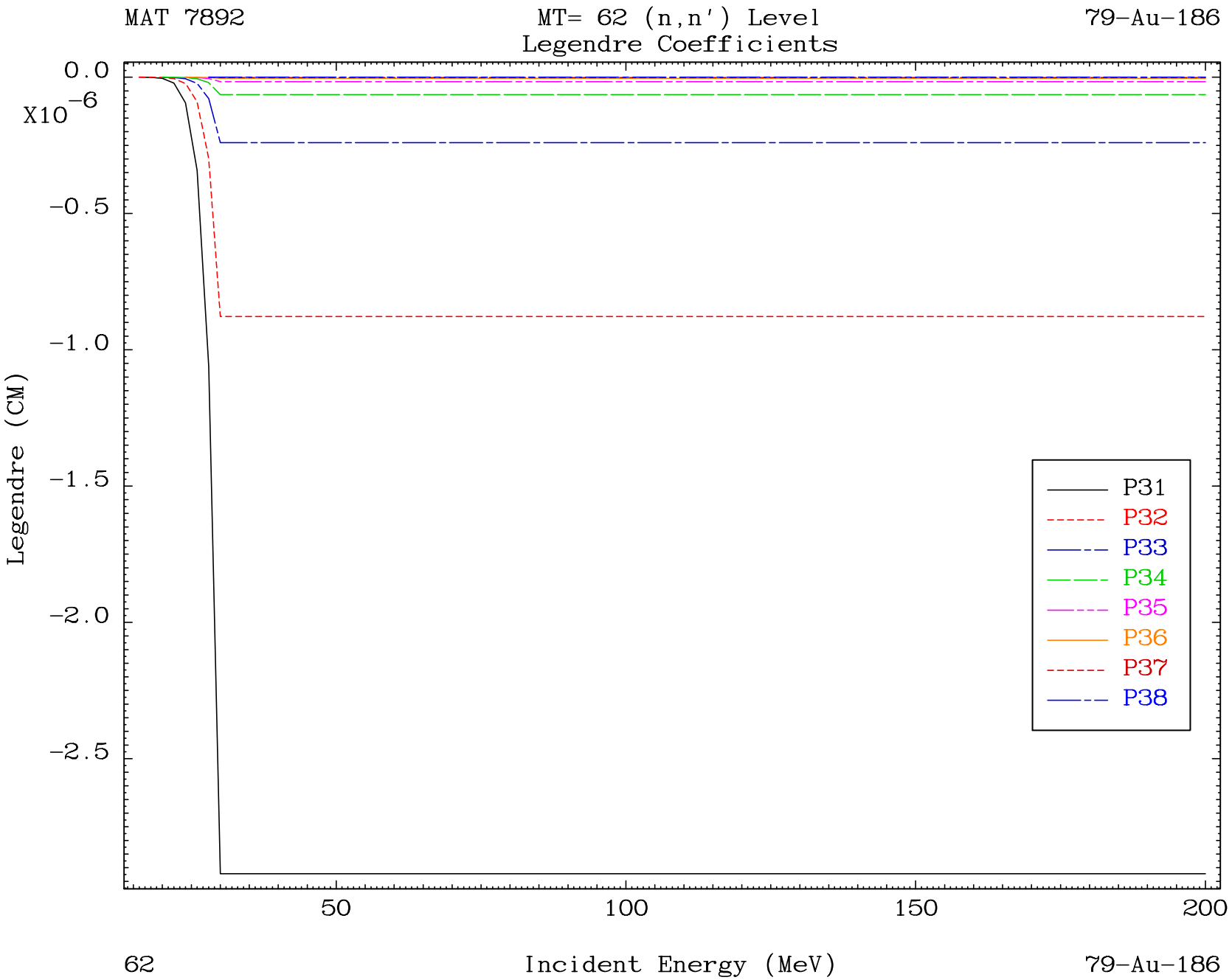

MAT 7892
MT= 61 (n,n') Level
Legendre Coefficients
79-Au-186
0.000
-0.005
-0.010
-0.015
Legendre (CM)
50
100
150
200
57
Incident Energy (MeV)
79-Au-186
P21
P22
P23
P24
P25
P26
P27
P28
P29
P30

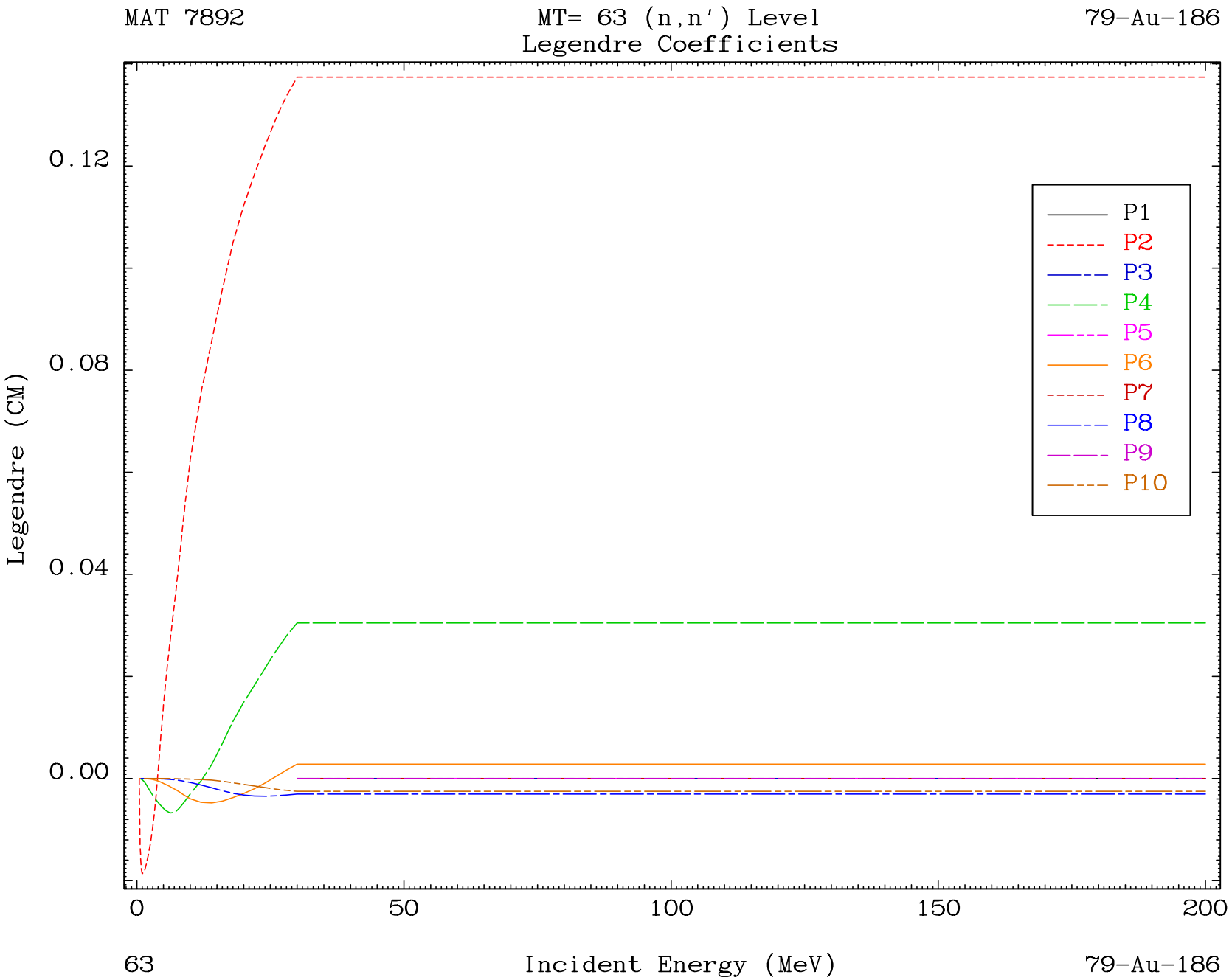

MAT 7892
MT= 61 (n,n') Level
Legendre Coefficients
79-Au-186
0.0
X10^-6
-0.5
-1.0
-1.5
-2.0
-2.5
Legendre (CM)
50
100
150
200
58
Incident Energy (MeV)
79-Au-186
P31
P32
P33
P34
P35
P36
P37
P38

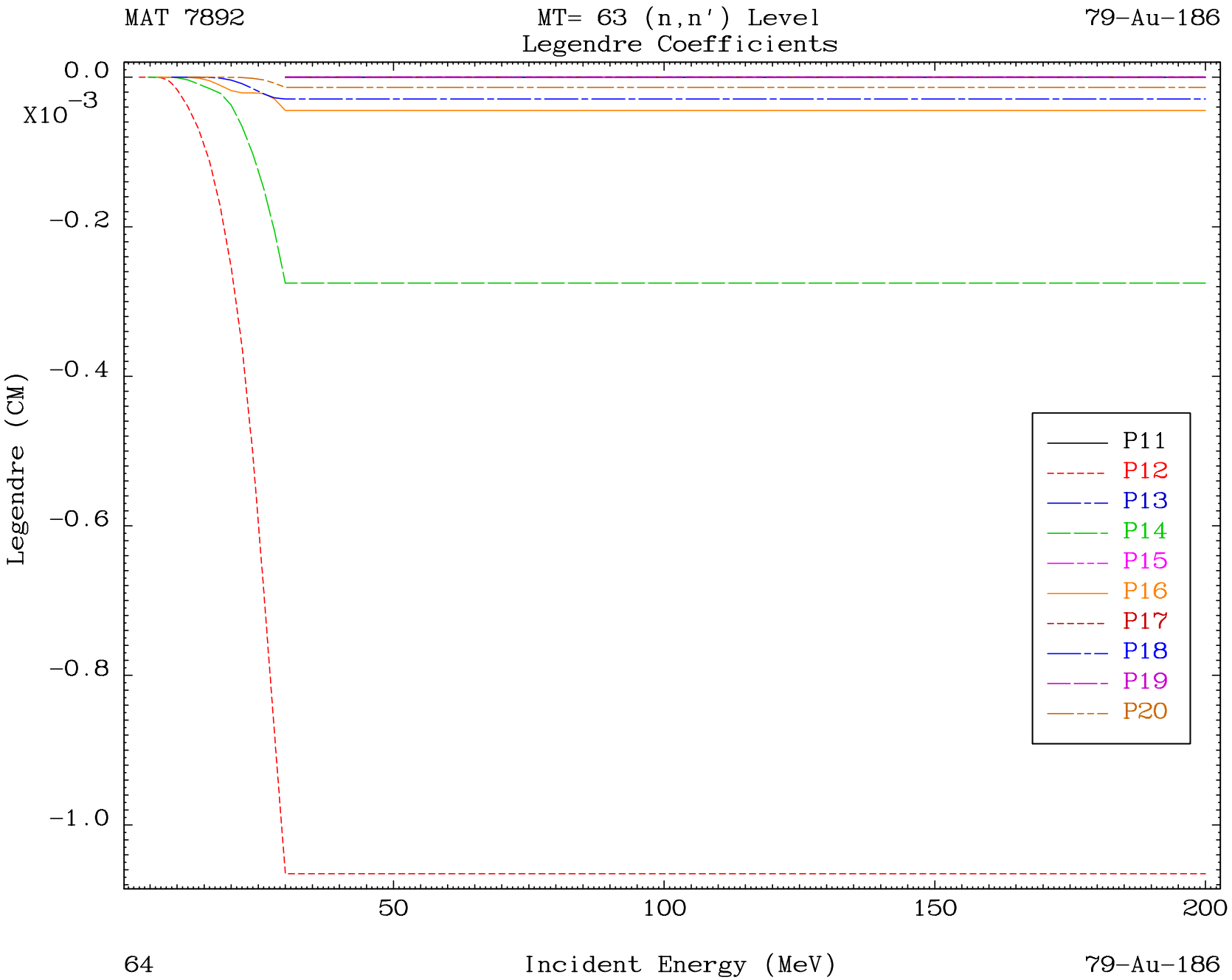

MAT 7892
MT= 62 (n,n') Level
Legendre Coefficients
79-Au-186
Legendre (CM)
0.3
0.2
0.1
0.0
-0.1
0
50
100
150
200
59
Incident Energy (MeV)
79-Au-186
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10

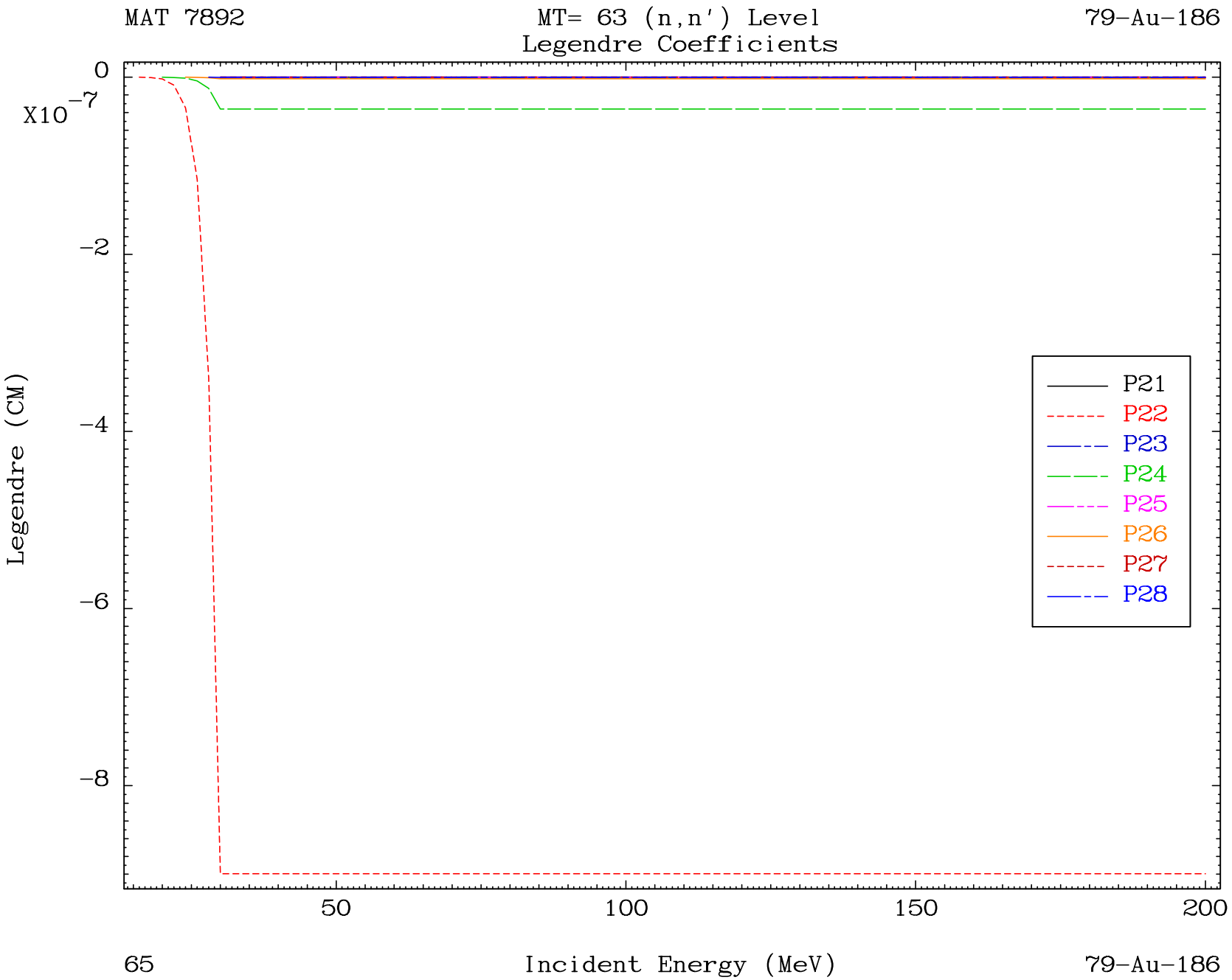

MAT 7892
MT= 62 (n,n') Level
Legendre Coefficients
79-Au-186
0.06
0.04
0.02
0.00
-0.02
-0.04
Legendre (CM)
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20
0
50
100
150
200
60
Incident Energy (MeV)
79-Au-186

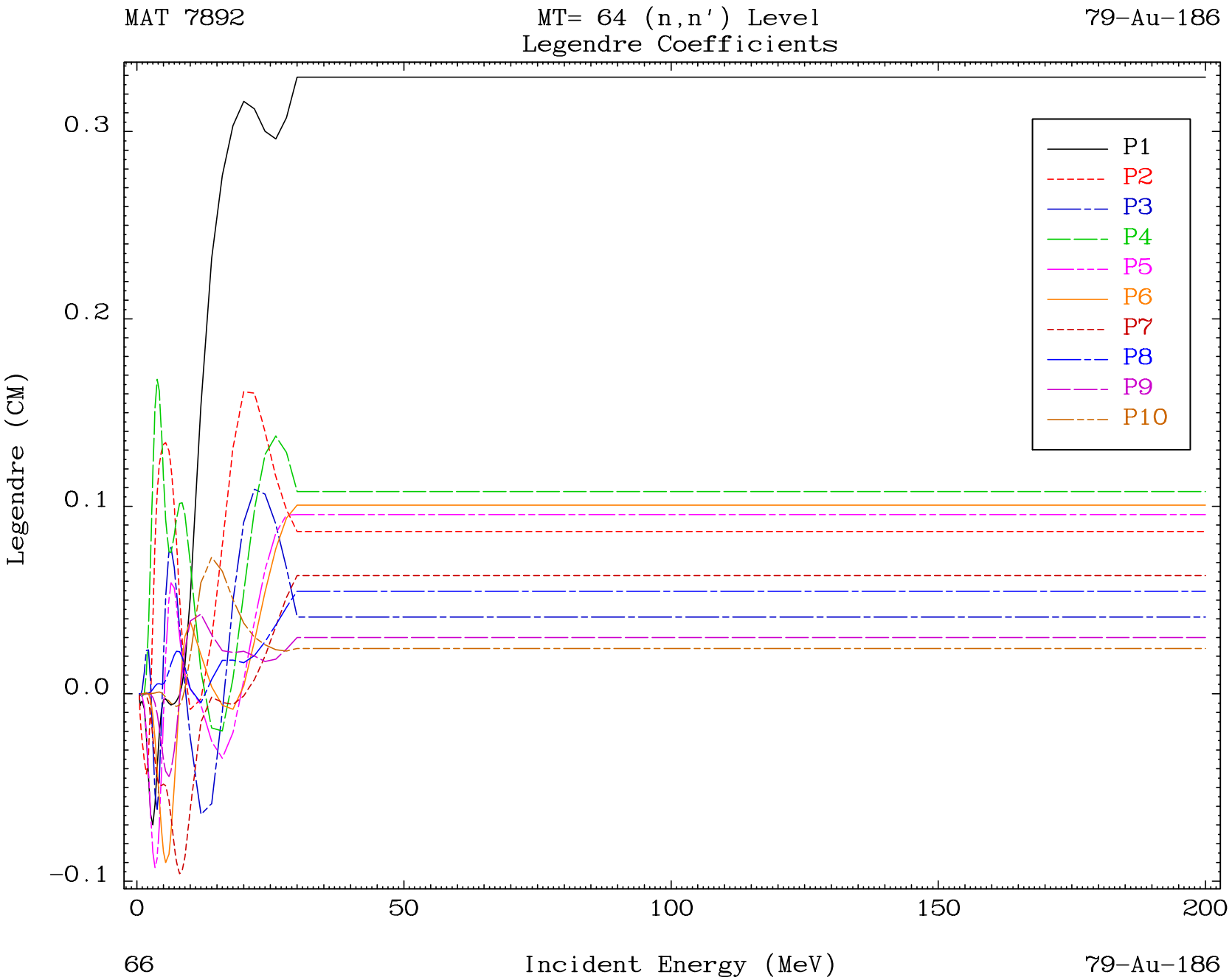

MAT 7892
MT= 62 (n,n') Level
Legendre Coefficients
79-Au-186
0.000
-0.005
-0.010
-0.015
Legendre (CM)
50
100
150
200
61
Incident Energy (MeV)
79-Au-186
P21
P22
P23
P24
P25
P26
P27
P28
P29
P30

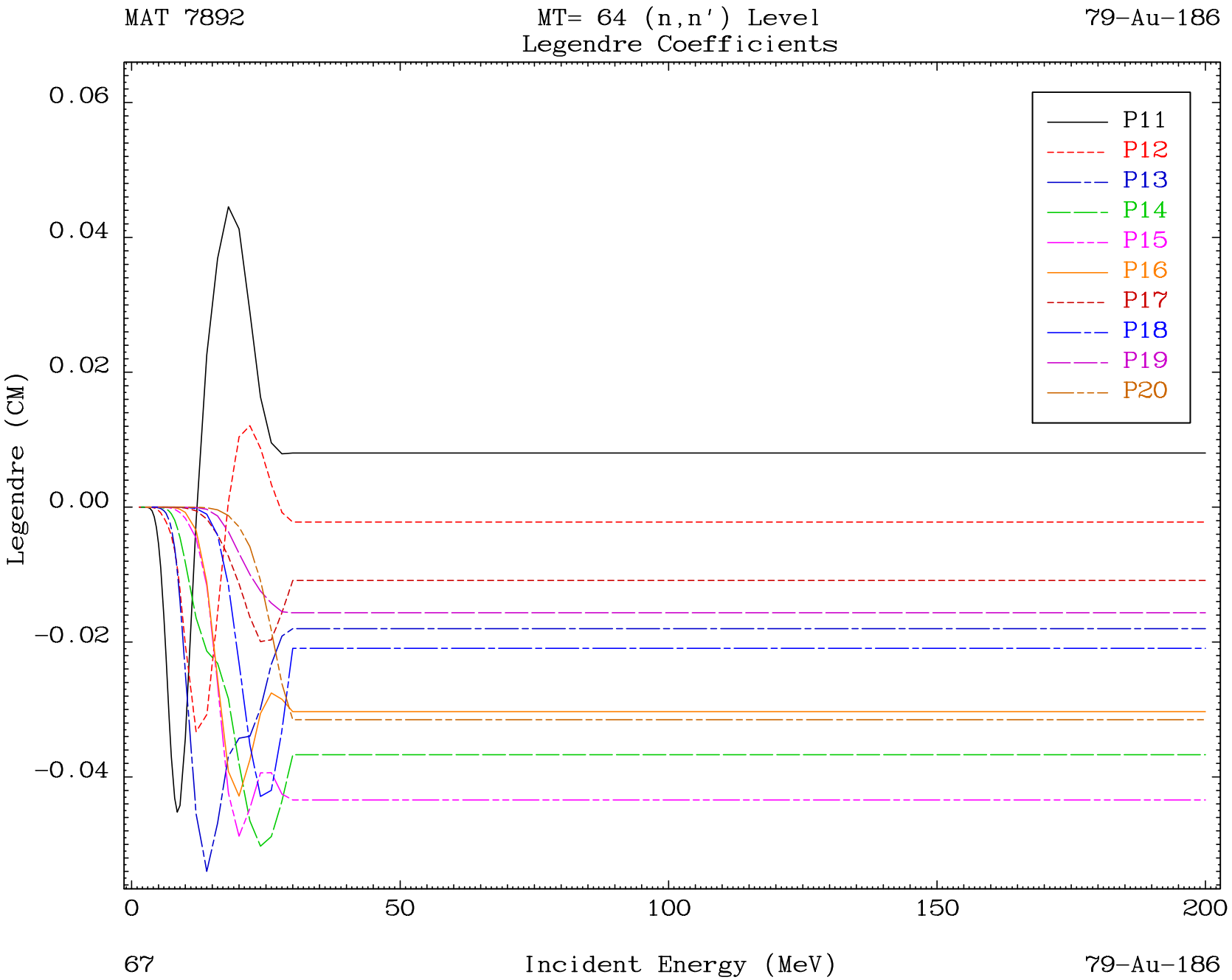

MAT 7892
MT= 62 (n,n') Level
Legendre Coefficients
79-Au-186
0.0
X10^-6
-0.5
-1.0
-1.5
-2.0
-2.5
Legendre (CM)
50
100
150
200
62
Incident Energy (MeV)
79-Au-186
P31
P32
P33
P34
P35
P36
P37
P38

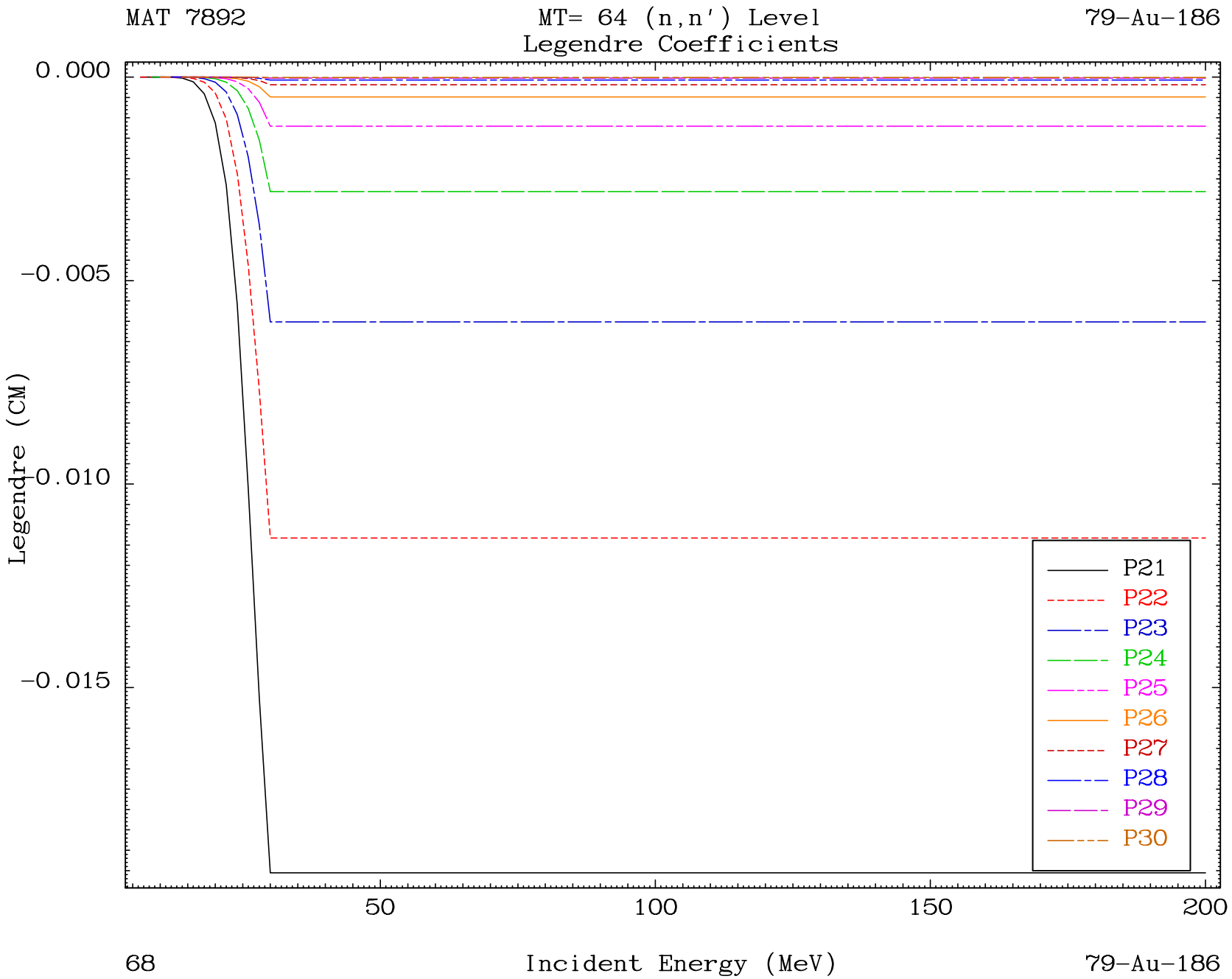

MAT 7892
MT= 63 (n,n') Level
Legendre Coefficients
79-Au-186
0.12
0.08
0.04
0.00
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10
0
50
100
150
200
63
Incident Energy (MeV)
79-Au-186

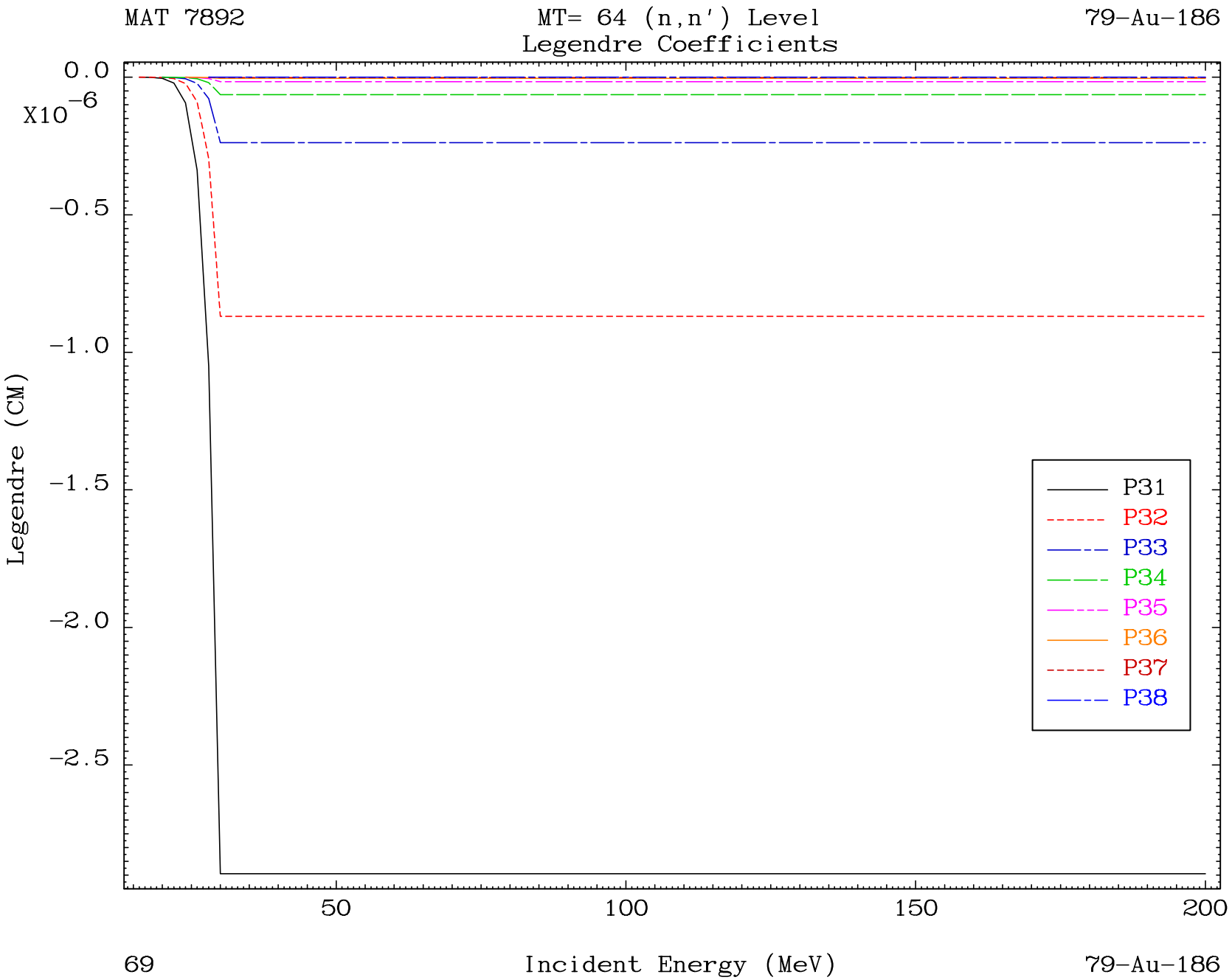

MAT 7892
MT= 63 (n,n') Level
Legendre Coefficients
79-Au-186
0.0
X10^-3
-0.2
-0.4
-0.6
-0.8
-1.0
Legendre (CM)
50
100
150
200
64
Incident Energy (MeV)
79-Au-186
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20

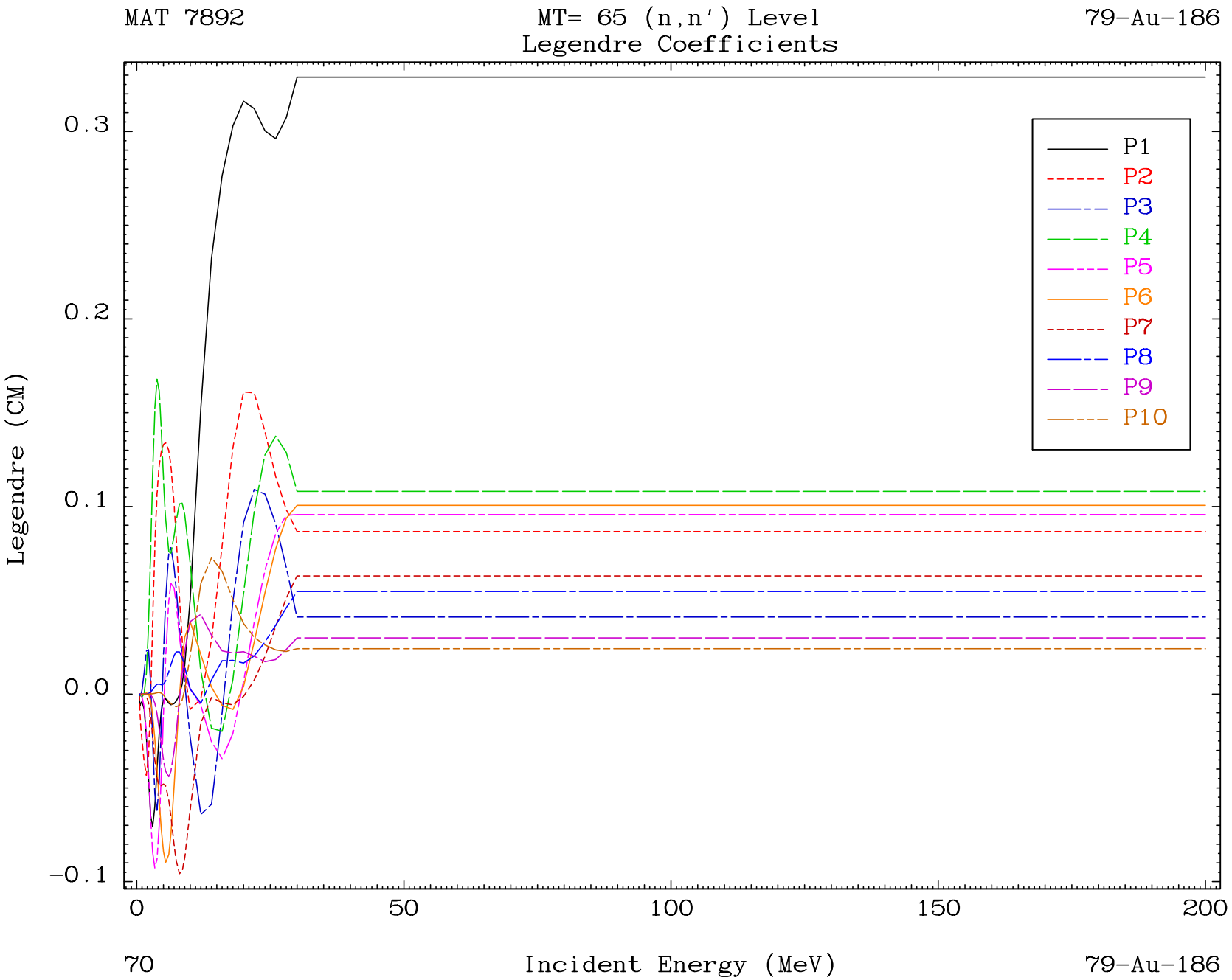

MAT 7892
MT= 63 (n,n') Level
Legendre Coefficients
79-Au-186
0
X10-7
-2
-4
-6
-8
Legendre (CM)
P21
P22
P23
P24
P25
P26
P27
P28
50
100
150
200
65
Incident Energy (MeV)
79-Au-186

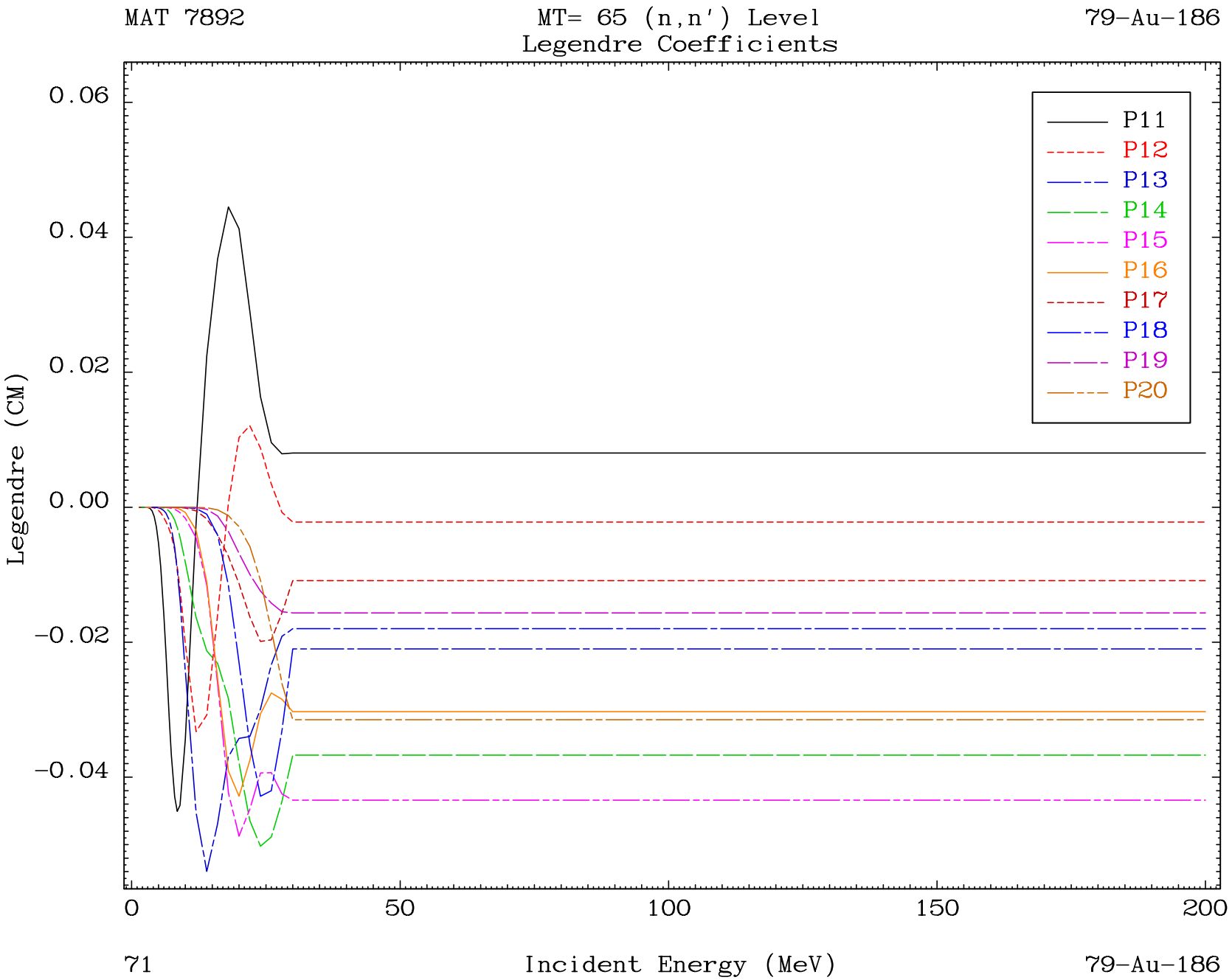

MAT 7892
MT= 64 (n,n') Level
Legendre Coefficients
79-Au-186
Legendre (CM)
0.3
0.2
0.1
0.0
-0.1
0
50
100
150
200
66
Incident Energy (MeV)
79-Au-186
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10

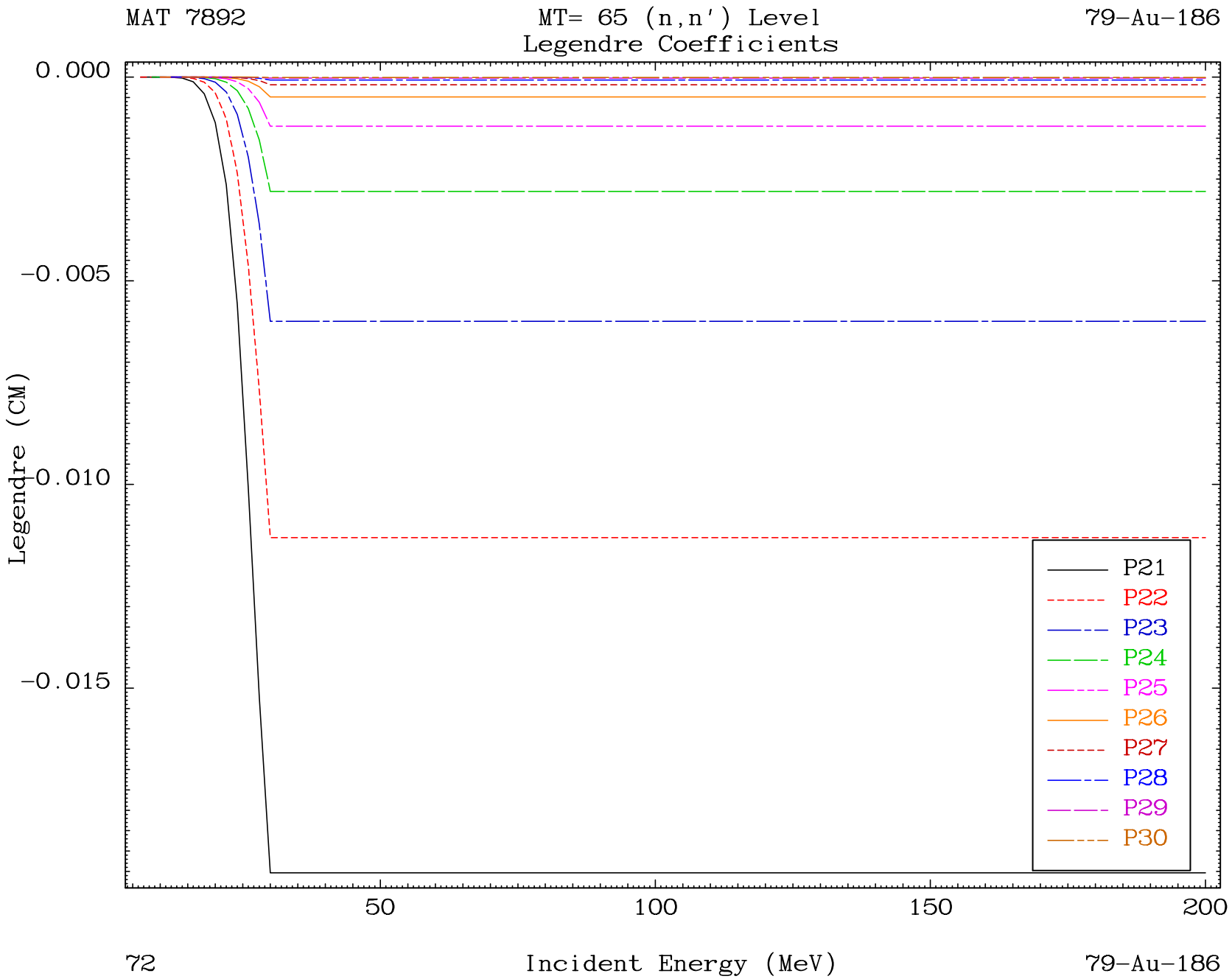

MAT 7892
MT= 64 (n,n') Level
Legendre Coefficients
79-Au-186
0.06
0.04
0.02
0.00
-0.02
-0.04
Legendre (CM)
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20
0
50
100
150
200
67
Incident Energy (MeV)
79-Au-186

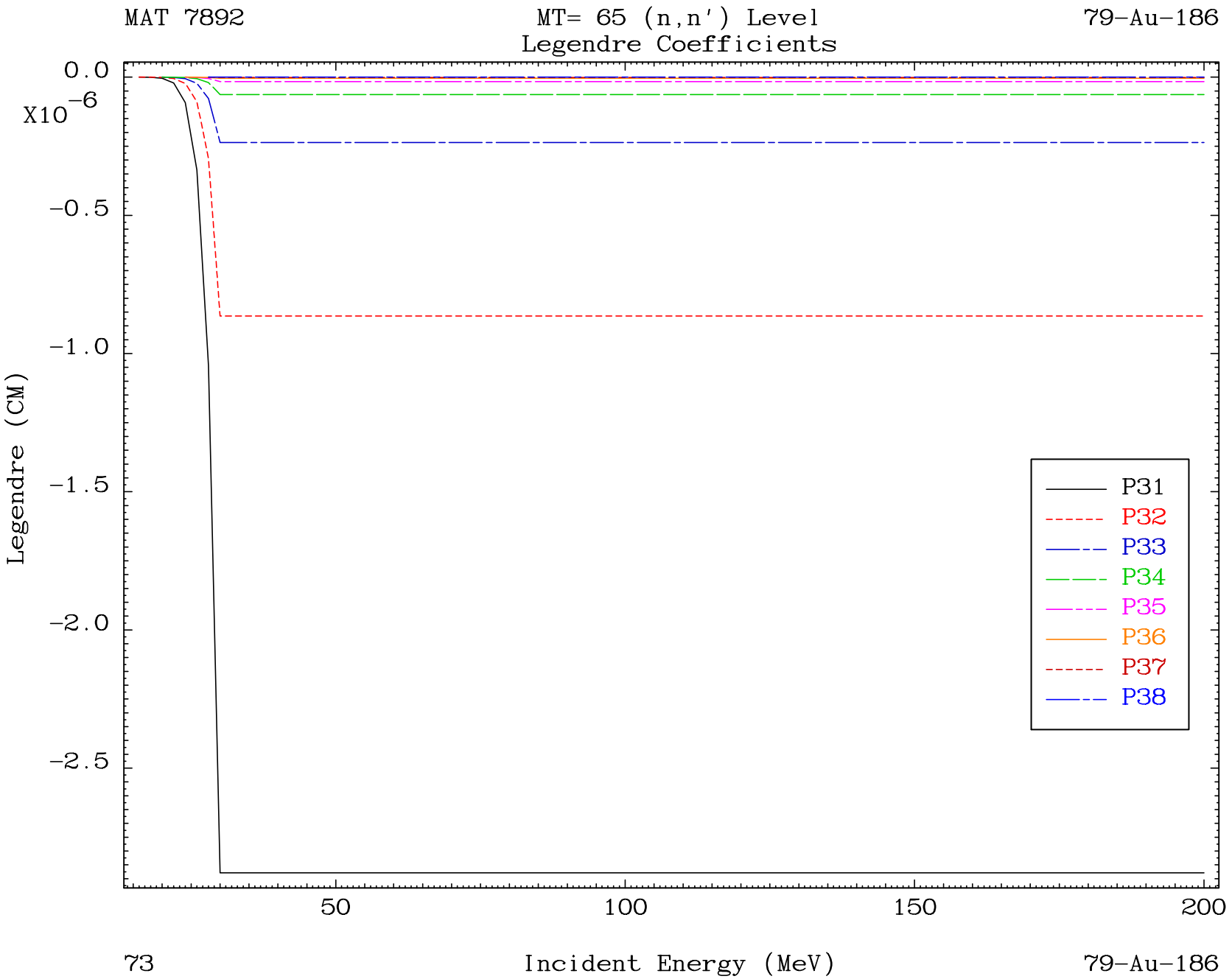

MAT 7892
MT= 64 (n,n') Level
Legendre Coefficients
79-Au-186
0.000
-0.005
-0.010
-0.015
Legendre (CM)
50
100
150
200
68
Incident Energy (MeV)
79-Au-186
P21
P22
P23
P24
P25
P26
P27
P28
P29
P30

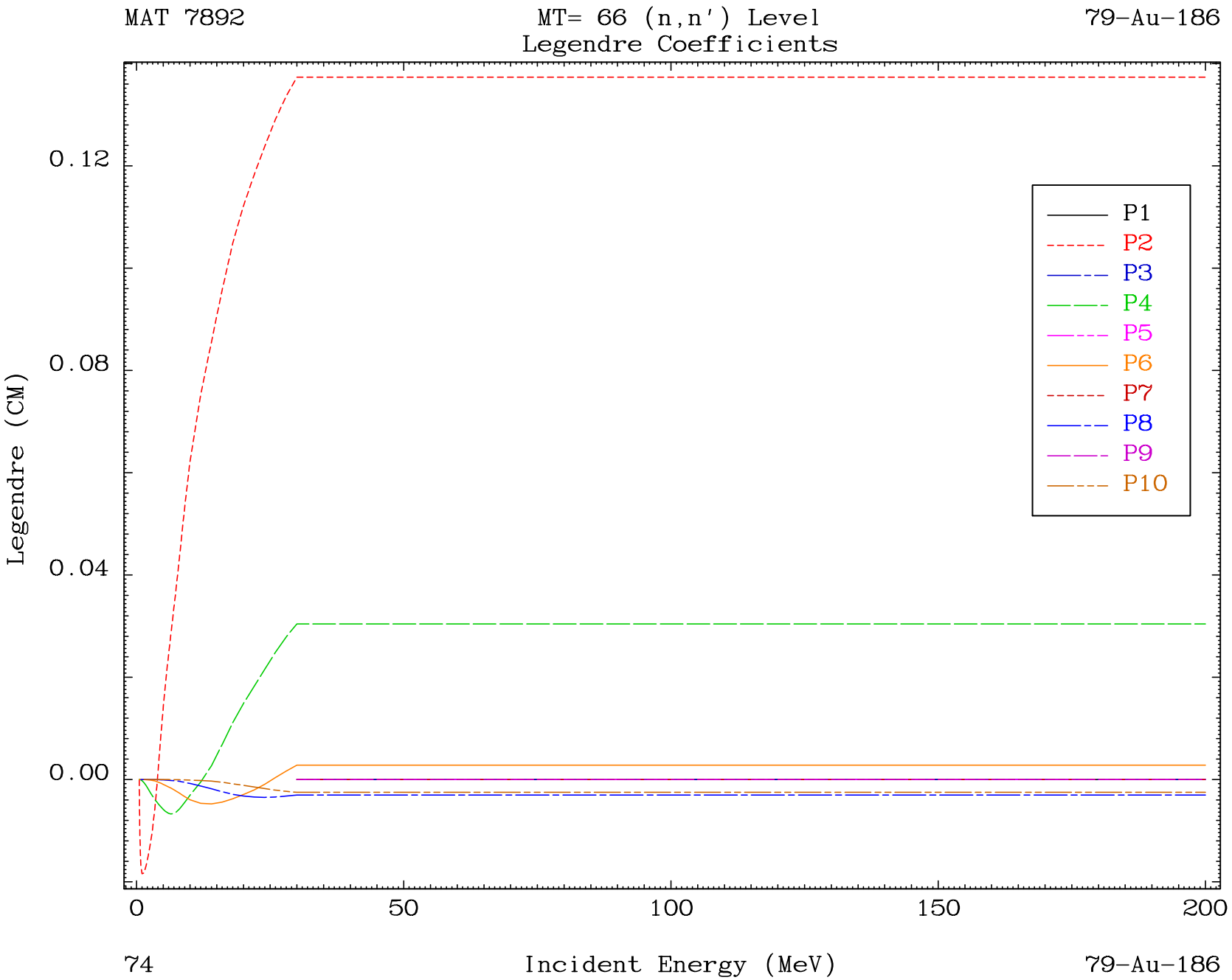

MAT 7892
MT= 64 (n,n') Level
Legendre Coefficients
79-Au-186
0.0
X10^-6
-0.5
-1.0
-1.5
-2.0
-2.5
Legendre (CM)
50
100
150
200
69
Incident Energy (MeV)
79-Au-186
P31
P32
P33
P34
P35
P36
P37
P38

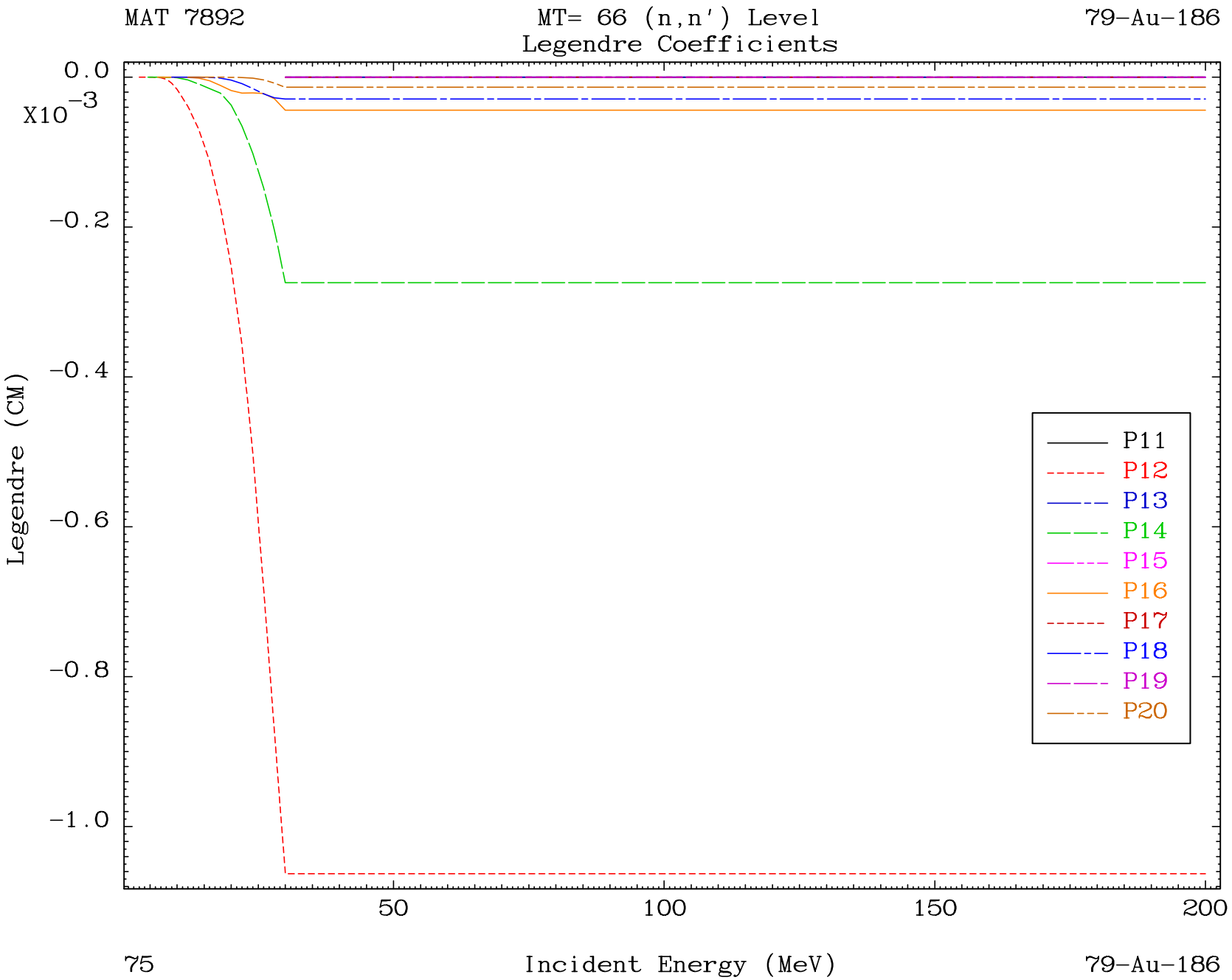

MAT 7892
MT= 65 (n,n') Level
Legendre Coefficients
79-Au-186
0.3
0.2
0.1
0.0
-0.1
Legendre (CM)
0
50
100
150
200
70
Incident Energy (MeV)
79-Au-186
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10

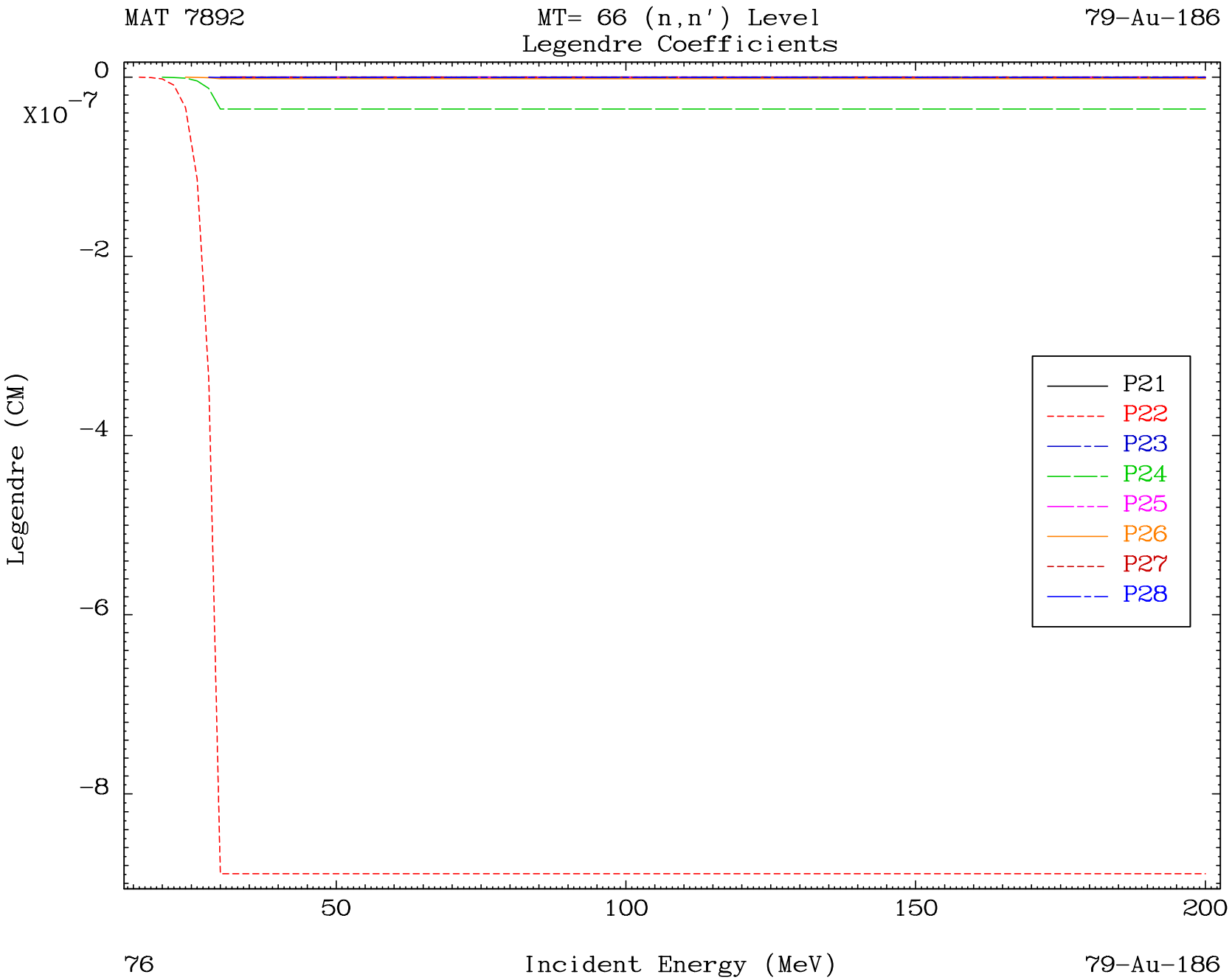

MAT 7892
MT= 65 (n,n') Level
Legendre Coefficients
79-Au-186
0.06
0.04
0.02
0.00
-0.02
-0.04
Legendre (CM)
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20
0
50
100
150
200
71
Incident Energy (MeV)
79-Au-186

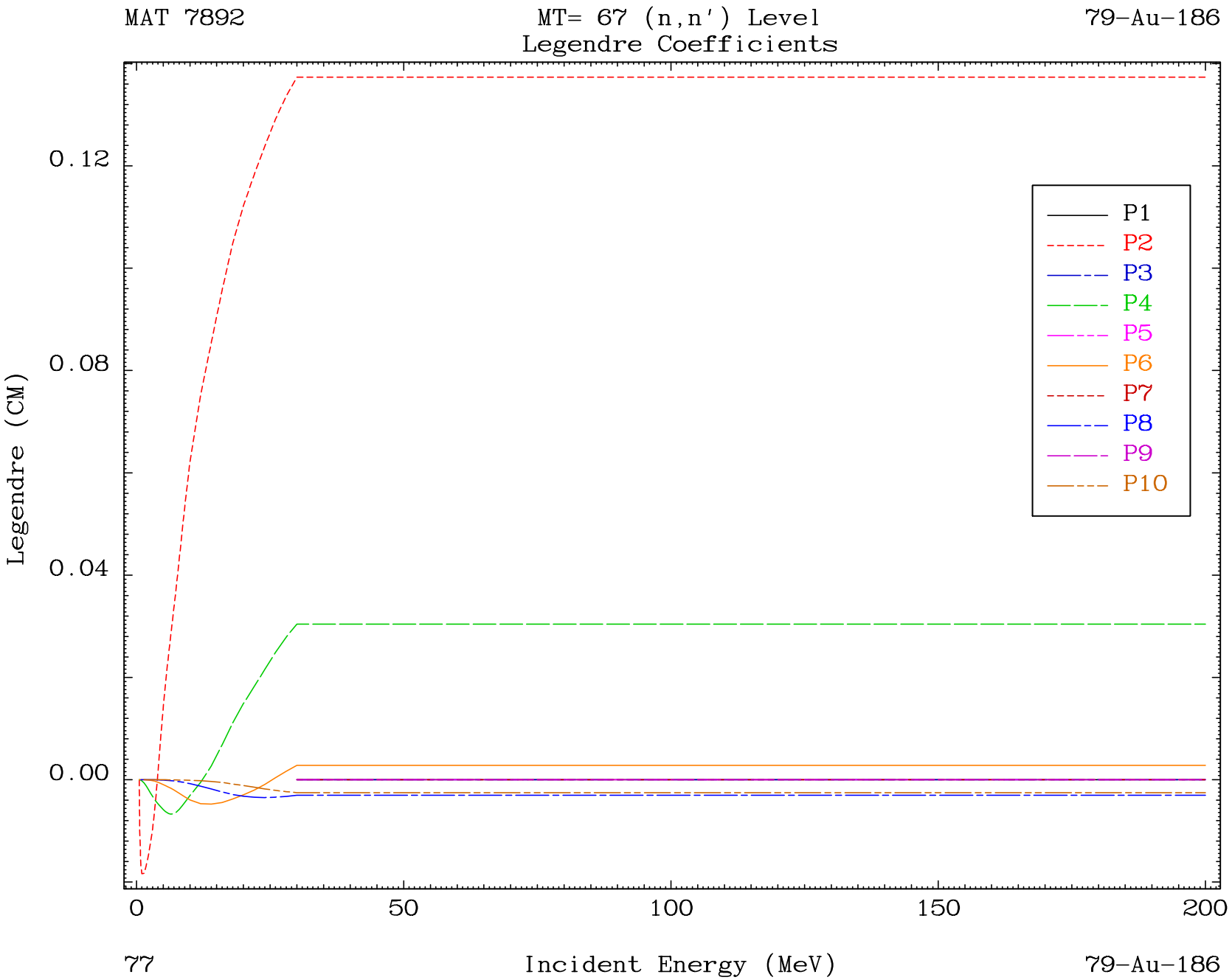

MAT 7892
MT= 65 (n,n') Level
Legendre Coefficients
79-Au-186
0.000
-0.005
-0.010
-0.015
Legendre (CM)
50
100
150
200
72
Incident Energy (MeV)
79-Au-186
P21
P22
P23
P24
P25
P26
P27
P28
P29
P30

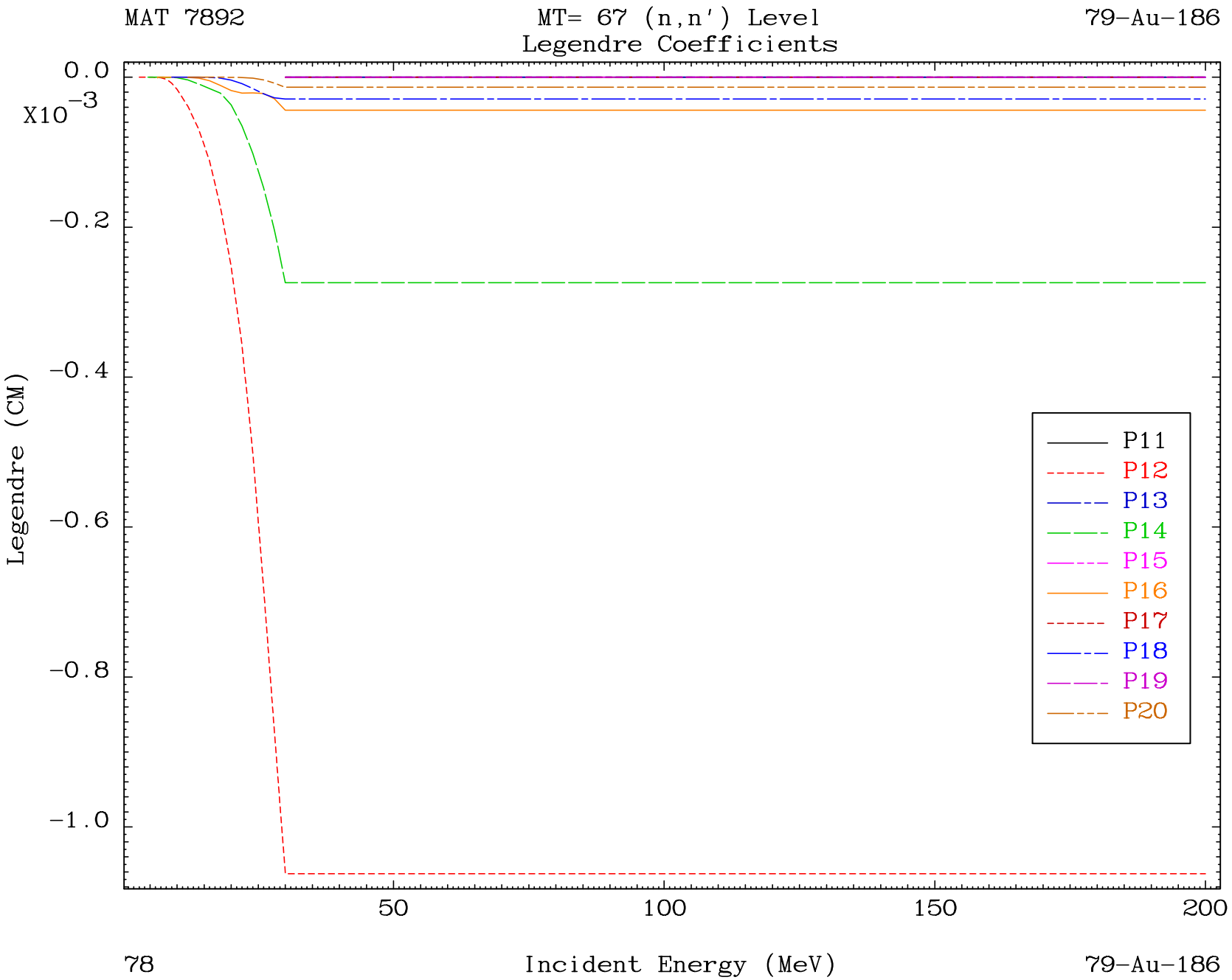

MAT 7892
MT= 65 (n,n') Level
Legendre Coefficients
79-Au-186
0.0
X10^-6
-0.5
-1.0
-1.5
-2.0
-2.5
Legendre (CM)
50
100
150
200
73
Incident Energy (MeV)
79-Au-186
P31
P32
P33
P34
P35
P36
P37
P38

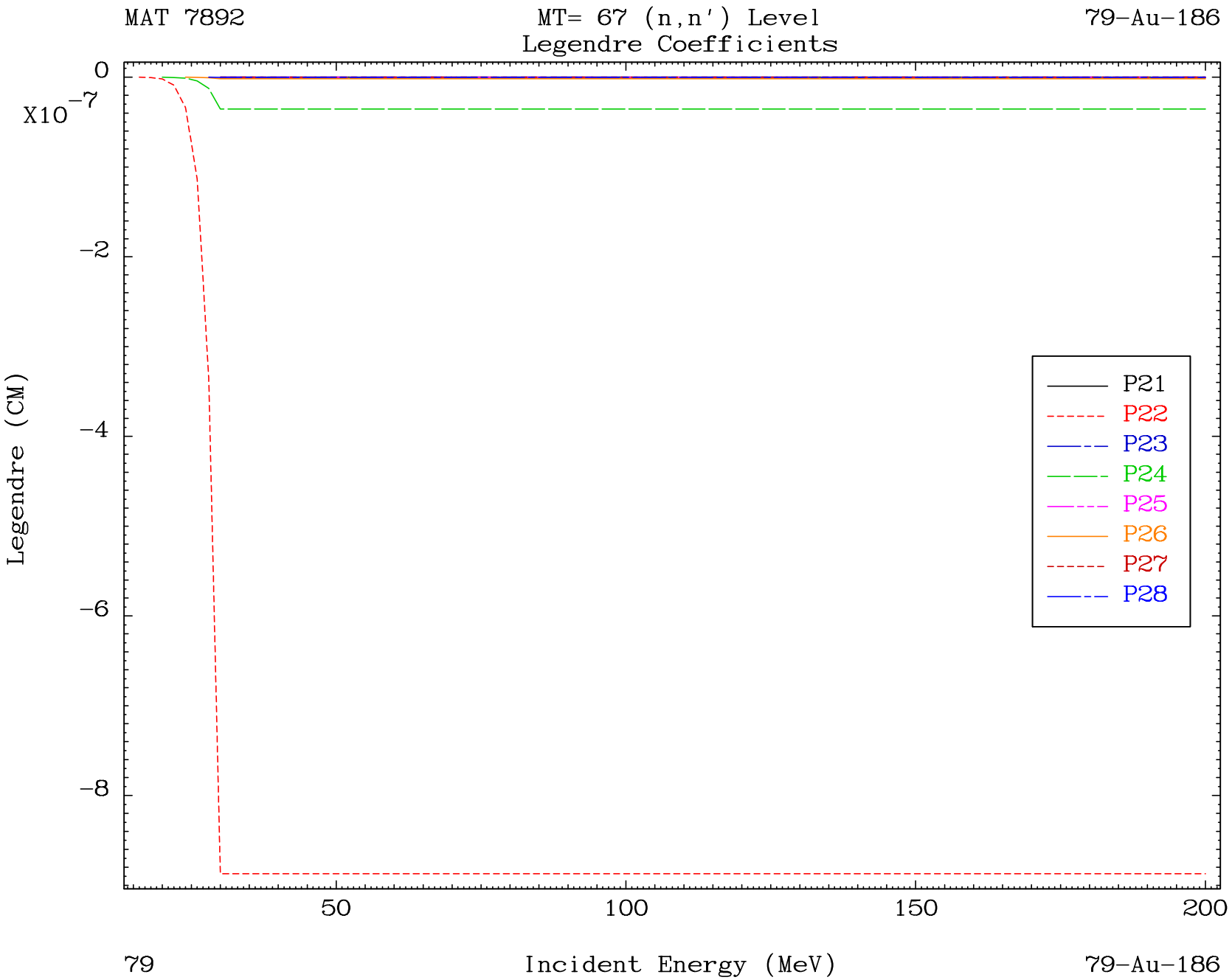

MAT 7892
MT= 66 (n,n') Level
Legendre Coefficients
79-Au-186
0.12
0.08
0.04
0.00
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10
0
50
100
150
200
74
Incident Energy (MeV)
79-Au-186

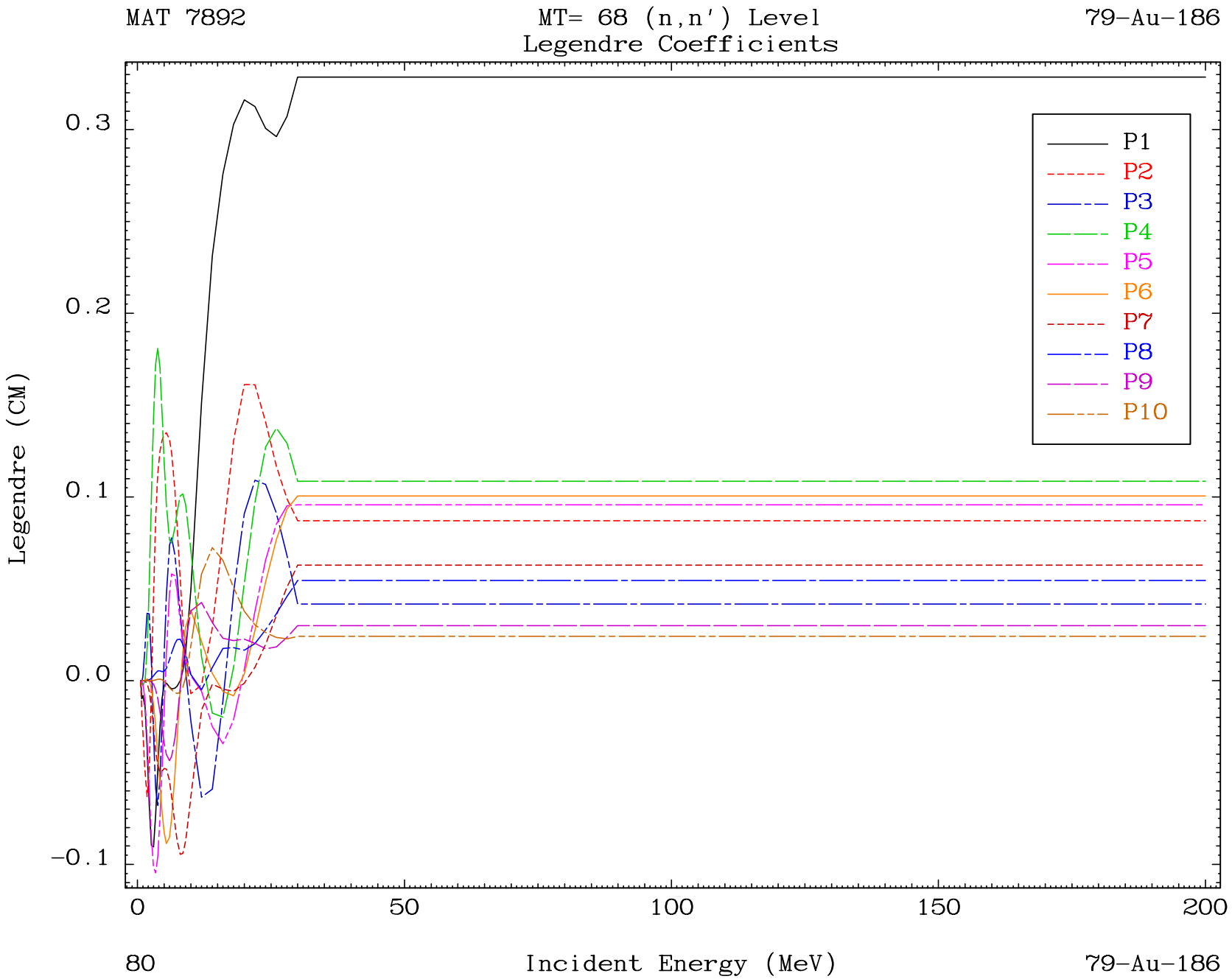

MAT 7892
MT= 66 (n,n') Level
Legendre Coefficients
79-Au-186
0.0
X10^-3
-0.2
-0.4
-0.6
-0.8
-1.0
Legendre (CM)
50
100
150
200
75
Incident Energy (MeV)
79-Au-186
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20

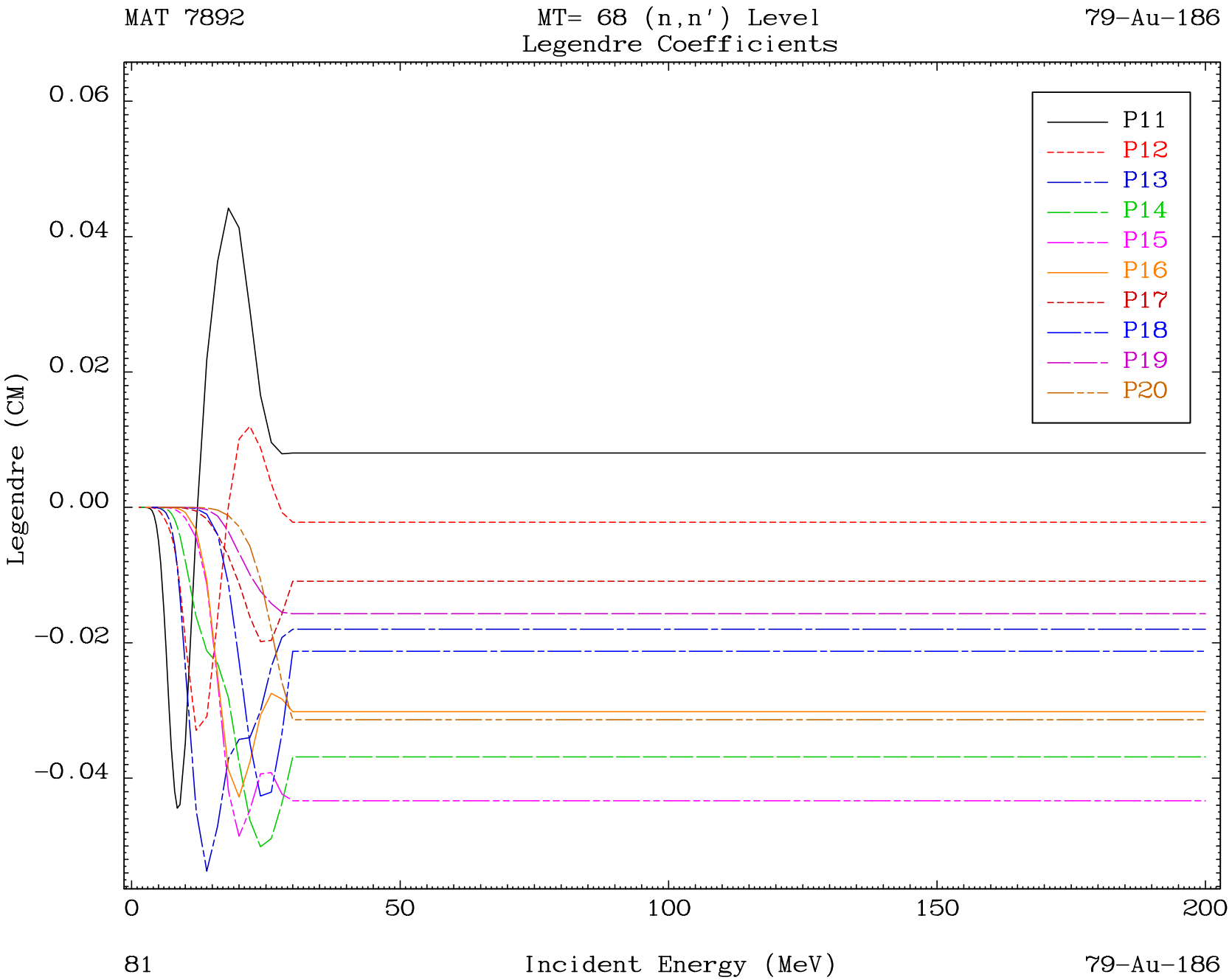

MAT 7892
MT= 66 (n,n') Level
Legendre Coefficients
79-Au-186
0
X10-7
-2
-4
-6
-8
Legendre (CM)
P21
P22
P23
P24
P25
P26
P27
P28
50
100
150
200
76
Incident Energy (MeV)
79-Au-186

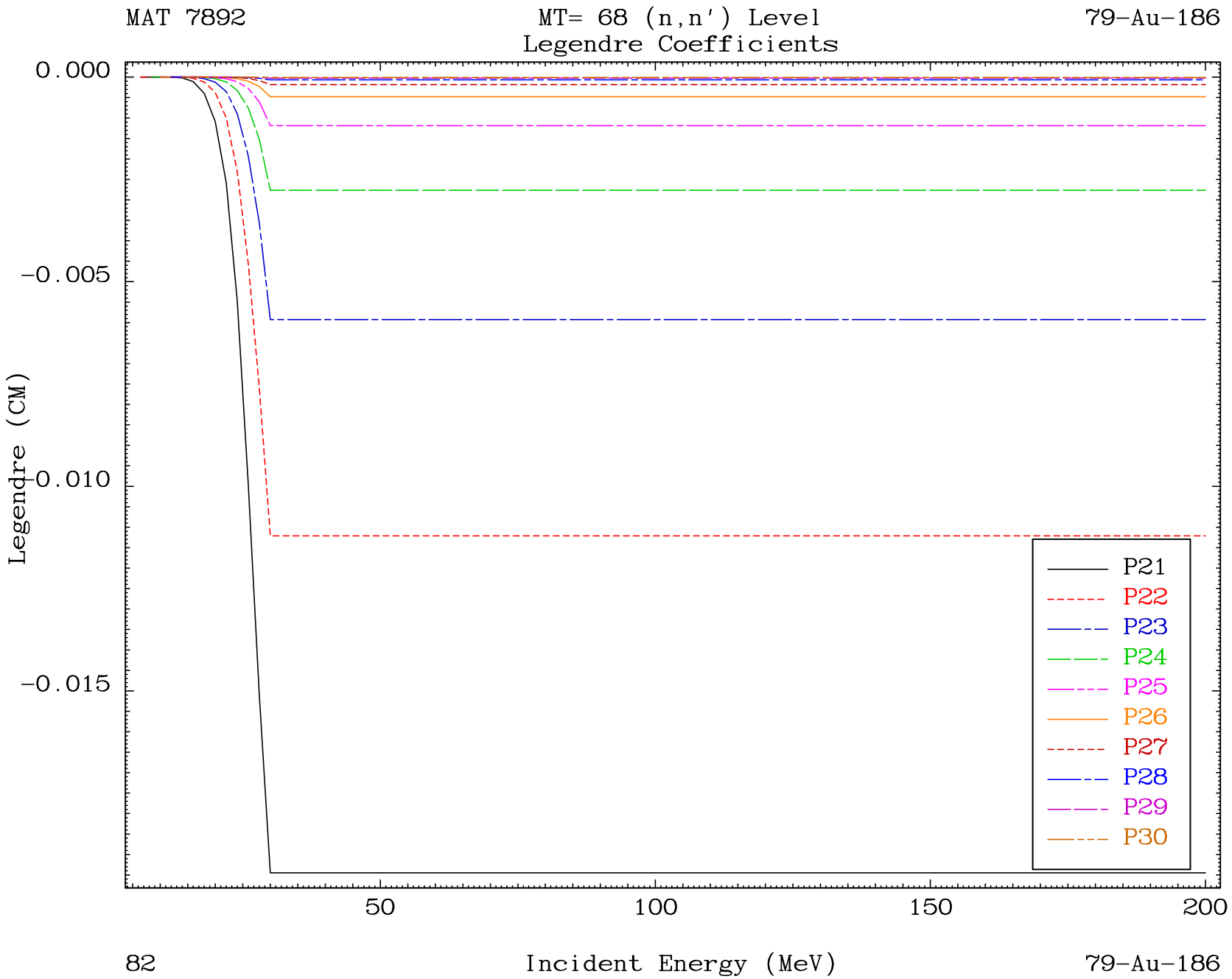

MAT 7892
MT= 67 (n,n') Level
Legendre Coefficients
79-Au-186
0.12
0.08
0.04
0.00
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10
0
50
100
150
200
77
Incident Energy (MeV)
79-Au-186

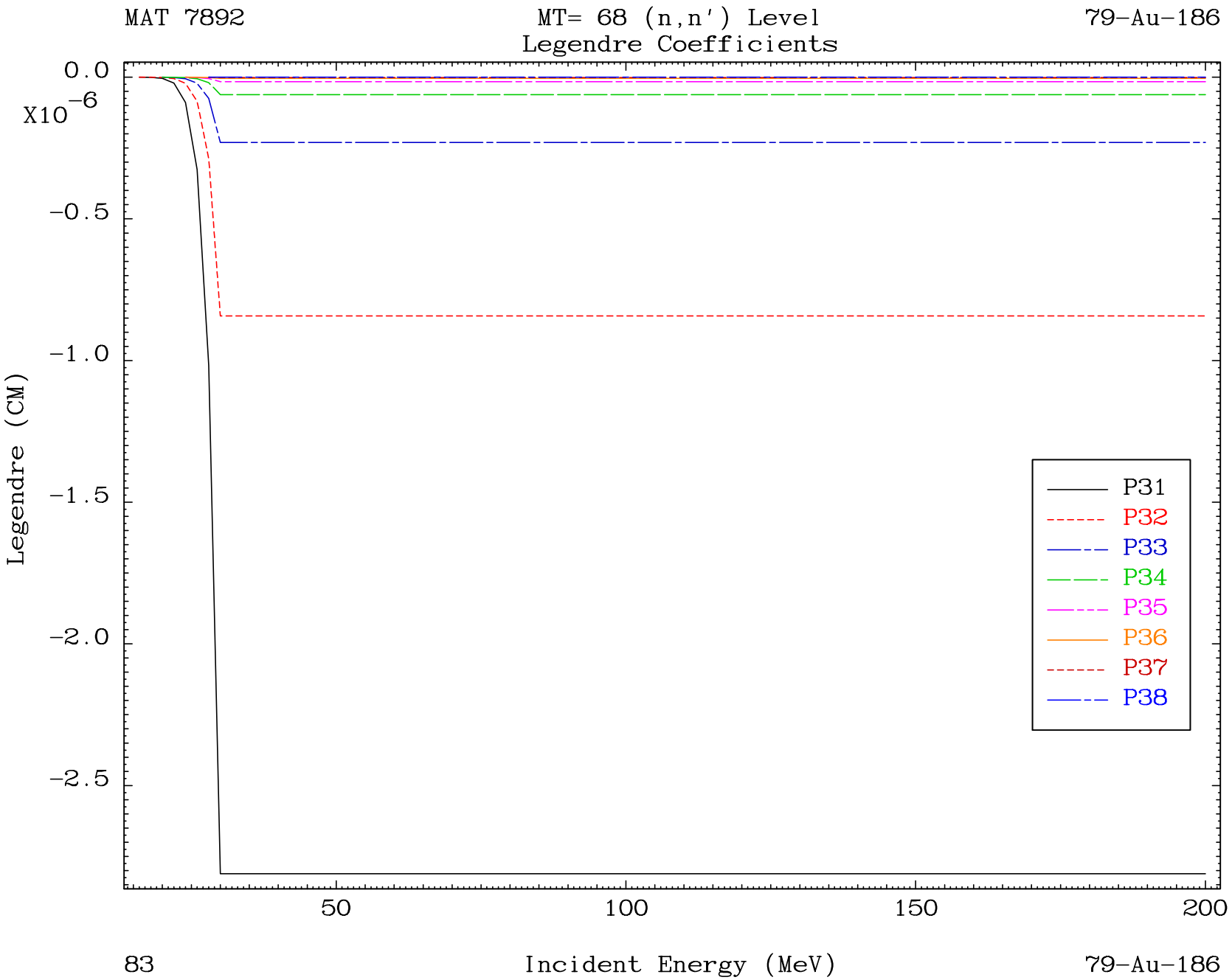

MAT 7892
MT= 67 (n,n') Level
Legendre Coefficients
79-Au-186
0.0
X10^-3
-0.2
-0.4
-0.6
-0.8
-1.0
Legendre (CM)
50
100
150
200
78
Incident Energy (MeV)
79-Au-186
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20

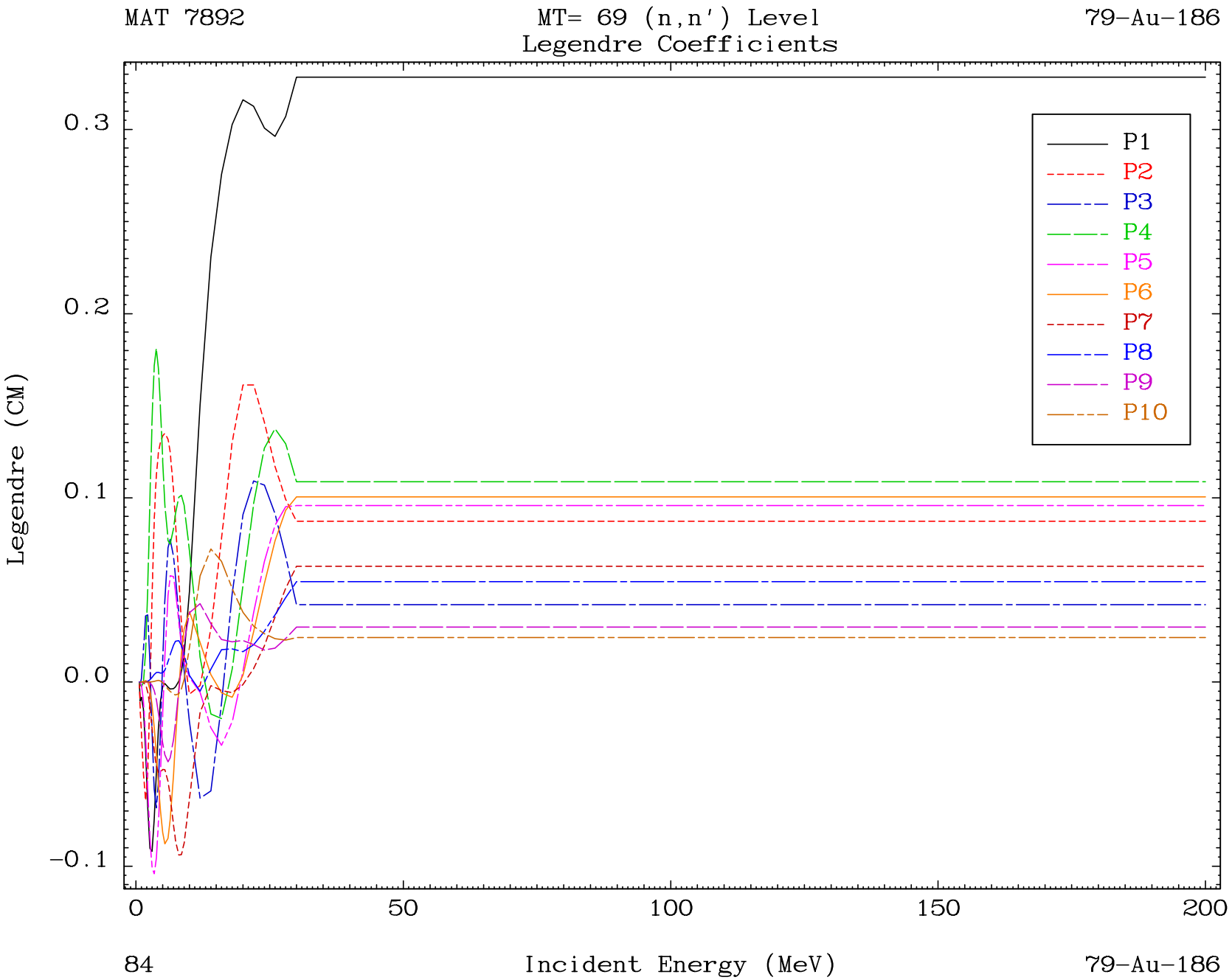

MAT 7892
MT= 67 (n,n') Level
Legendre Coefficients
79-Au-186
0
X10-7
-2
-4
-6
-8
Legendre (CM)
P21
P22
P23
P24
P25
P26
P27
P28
50
100
150
200
79
Incident Energy (MeV)
79-Au-186

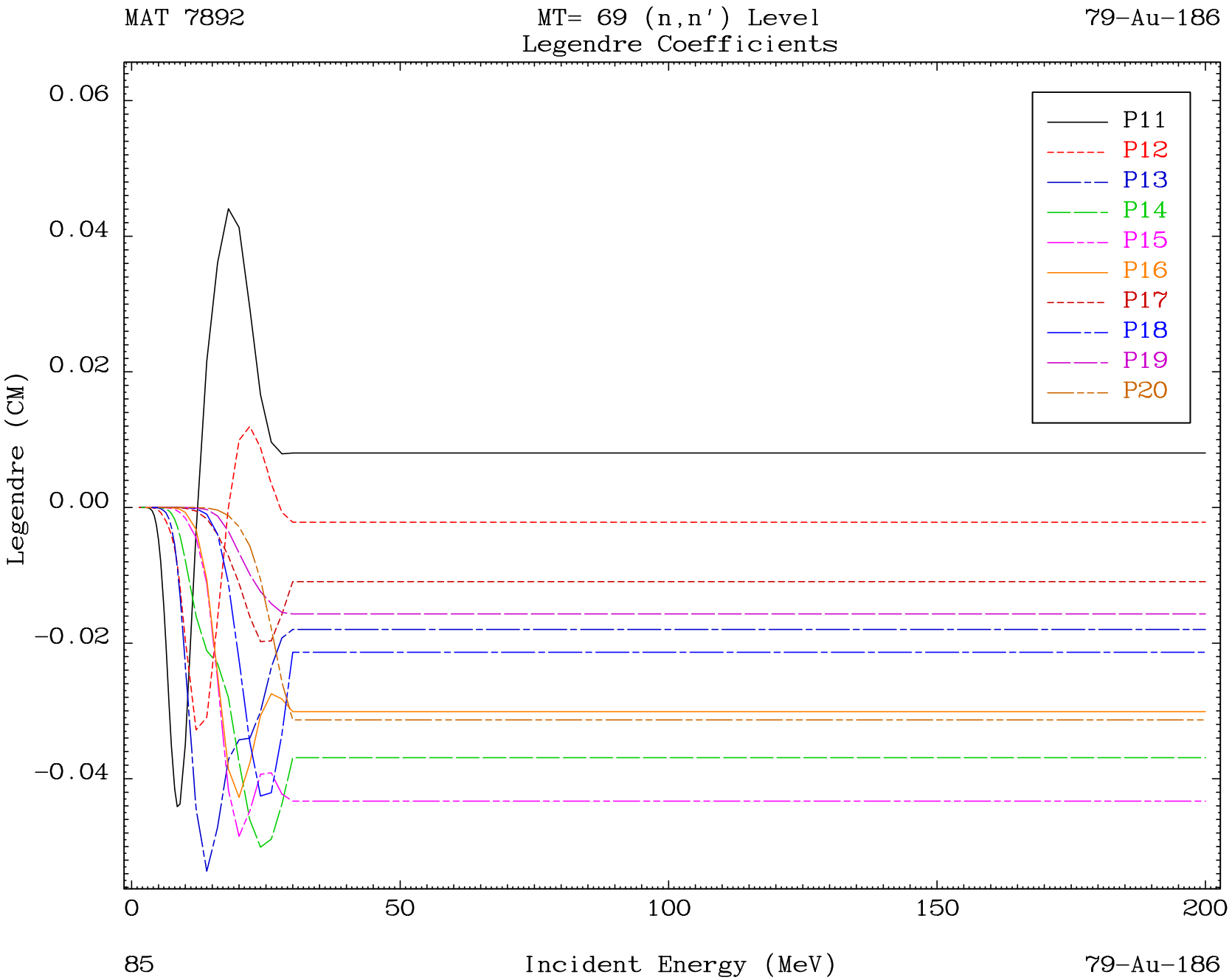

MAT 7892
MT= 68 (n,n') Level
Legendre Coefficients
79-Au-186
Legendre (CM)
0.3
0.2
0.1
0.0
-0.1
0
50
100
150
200
Incident Energy (MeV)
80
79-Au-186
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10

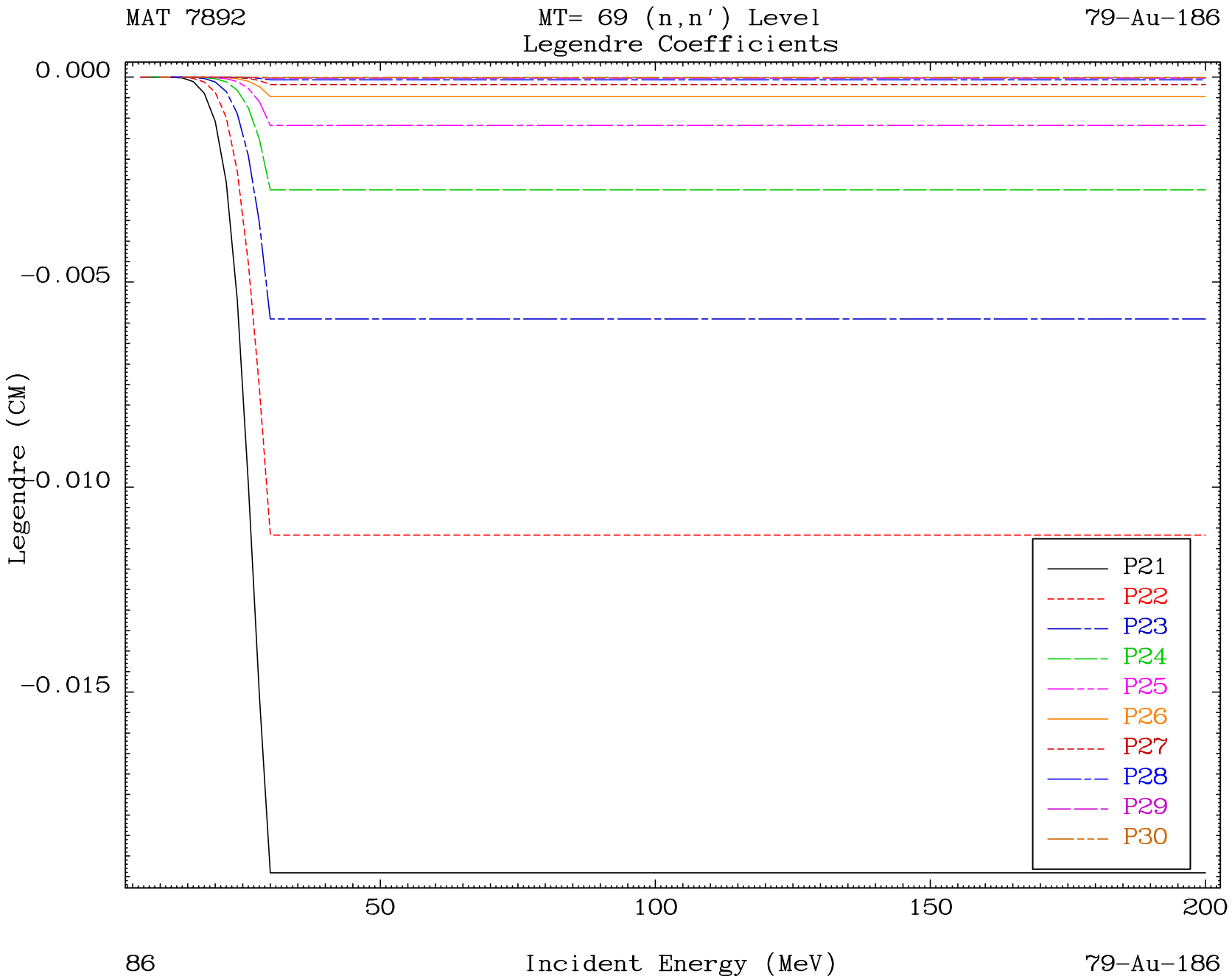

MAT 7892
MT= 68 (n,n') Level
Legendre Coefficients
79-Au-186
0.06
0.04
0.02
0.00
-0.02
-0.04
Legendre (CM)
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20
0
50
100
150
200
81
Incident Energy (MeV)
79-Au-186

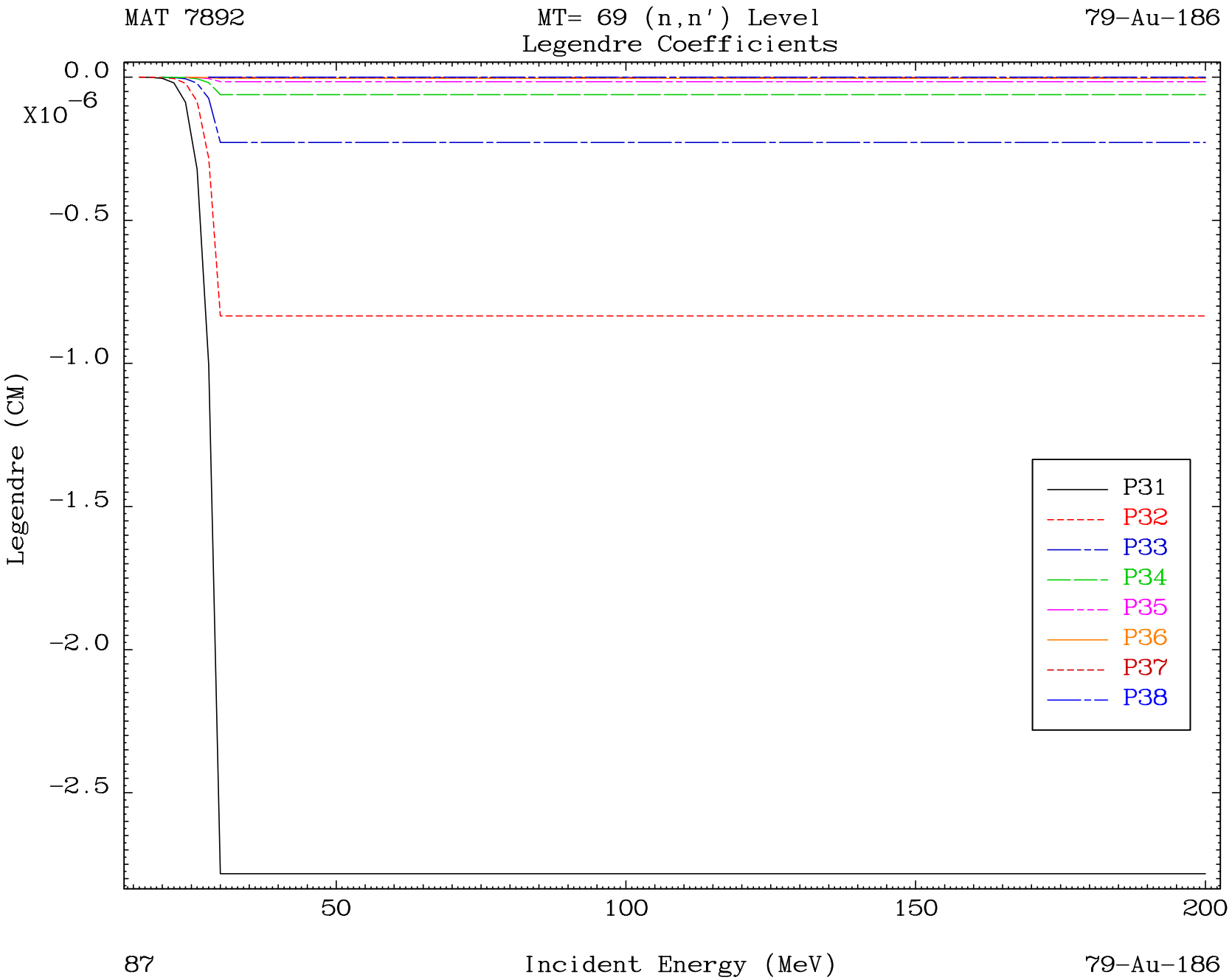

MAT 7892
MT= 68 (n,n') Level
Legendre Coefficients
79-Au-186
0.000
-0.005
-0.010
-0.015
Legendre (CM)
50
100
150
200
82
Incident Energy (MeV)
79-Au-186
P21
P22
P23
P24
P25
P26
P27
P28
P29
P30

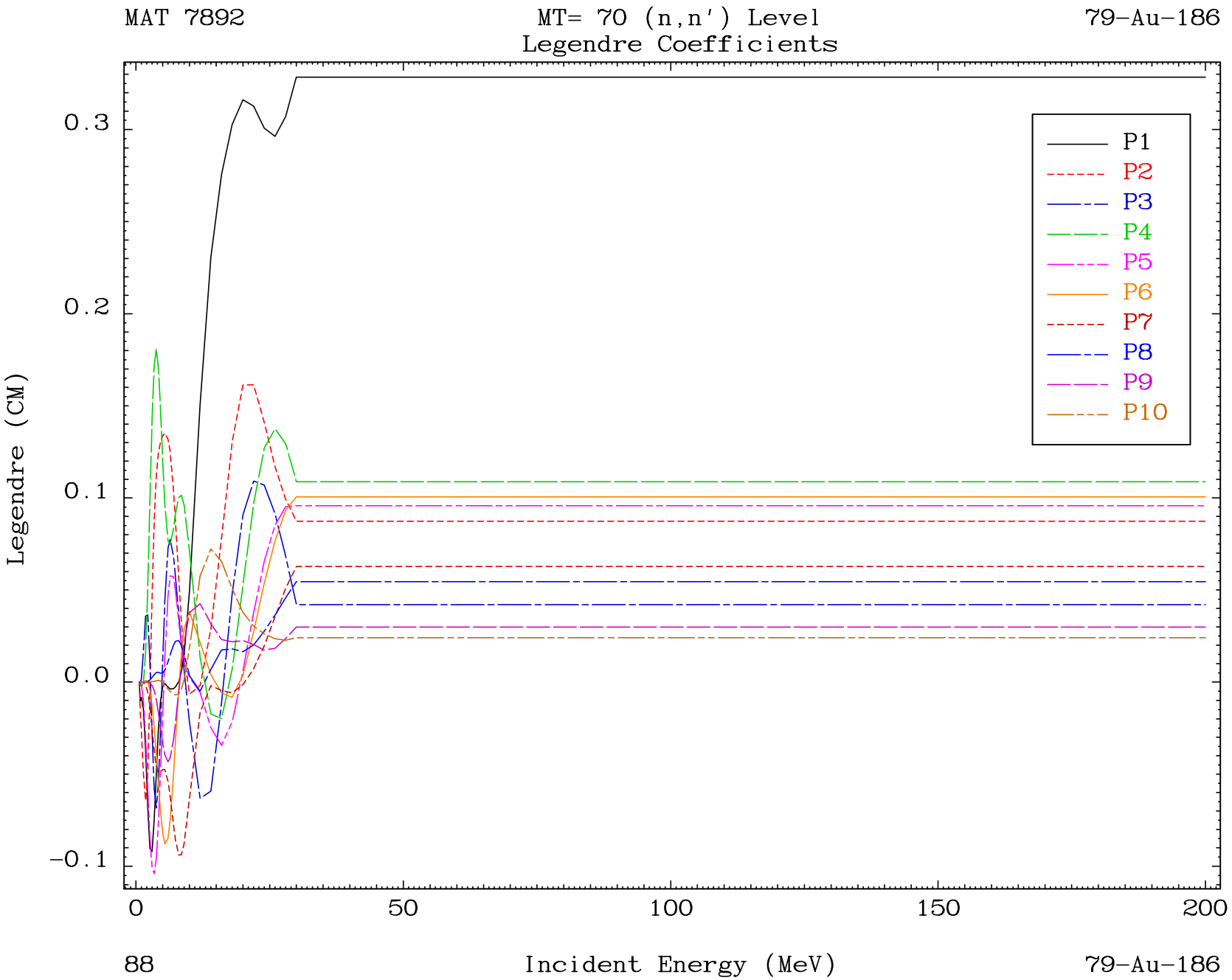

MAT 7892
MT= 68 (n,n') Level
Legendre Coefficients
79-Au-186
0.0
X10^-6
-0.5
-1.0
-1.5
-2.0
-2.5
Legendre (CM)
50
100
150
200
83
Incident Energy (MeV)
79-Au-186
P31
P32
P33
P34
P35
P36
P37
P38

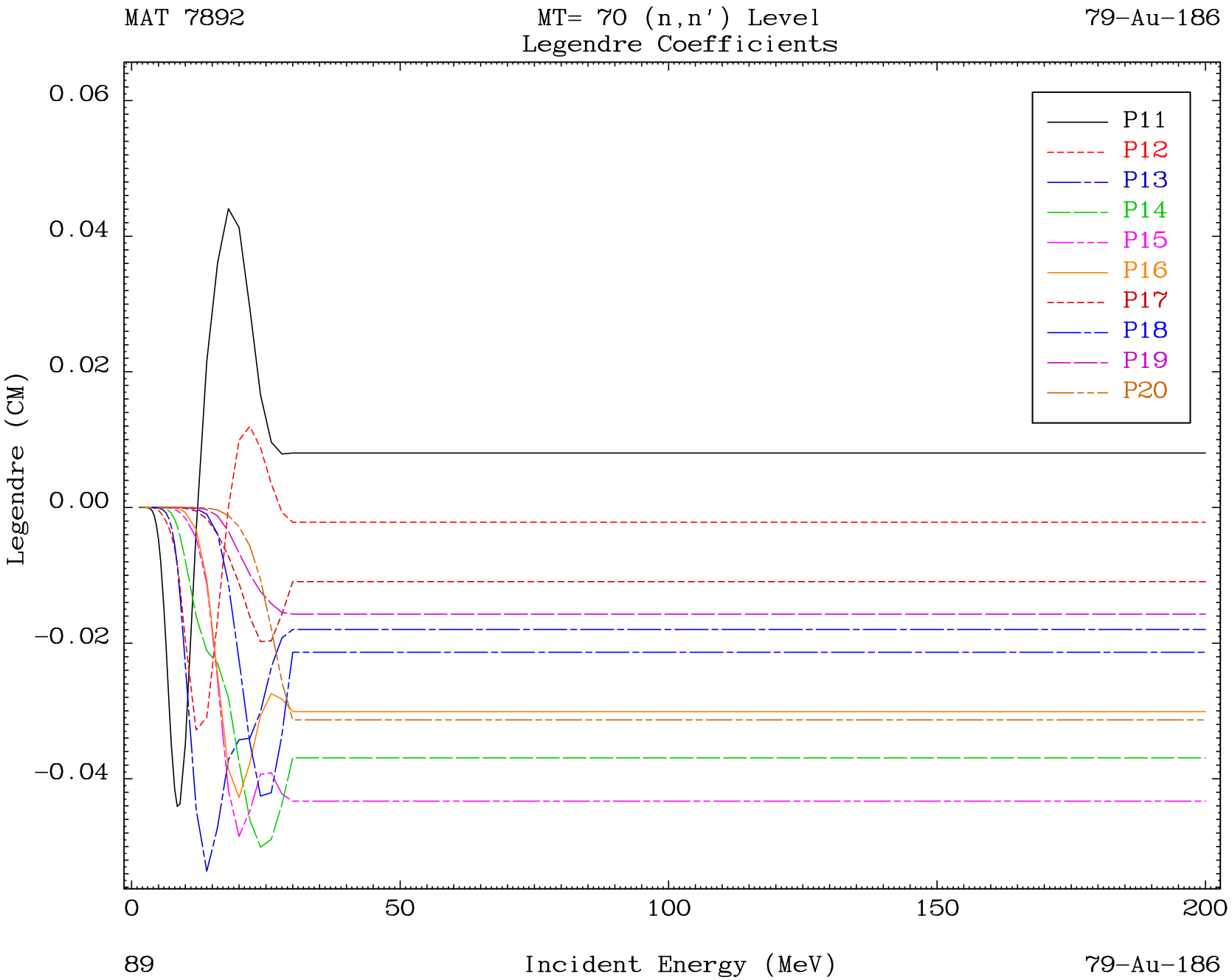

MAT 7892
MT= 69 (n,n') Level
Legendre Coefficients
79-Au-186
Legendre (CM)
0.3
0.2
0.1
0.0
-0.1
0
50
100
150
200
84
Incident Energy (MeV)
79-Au-186
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10

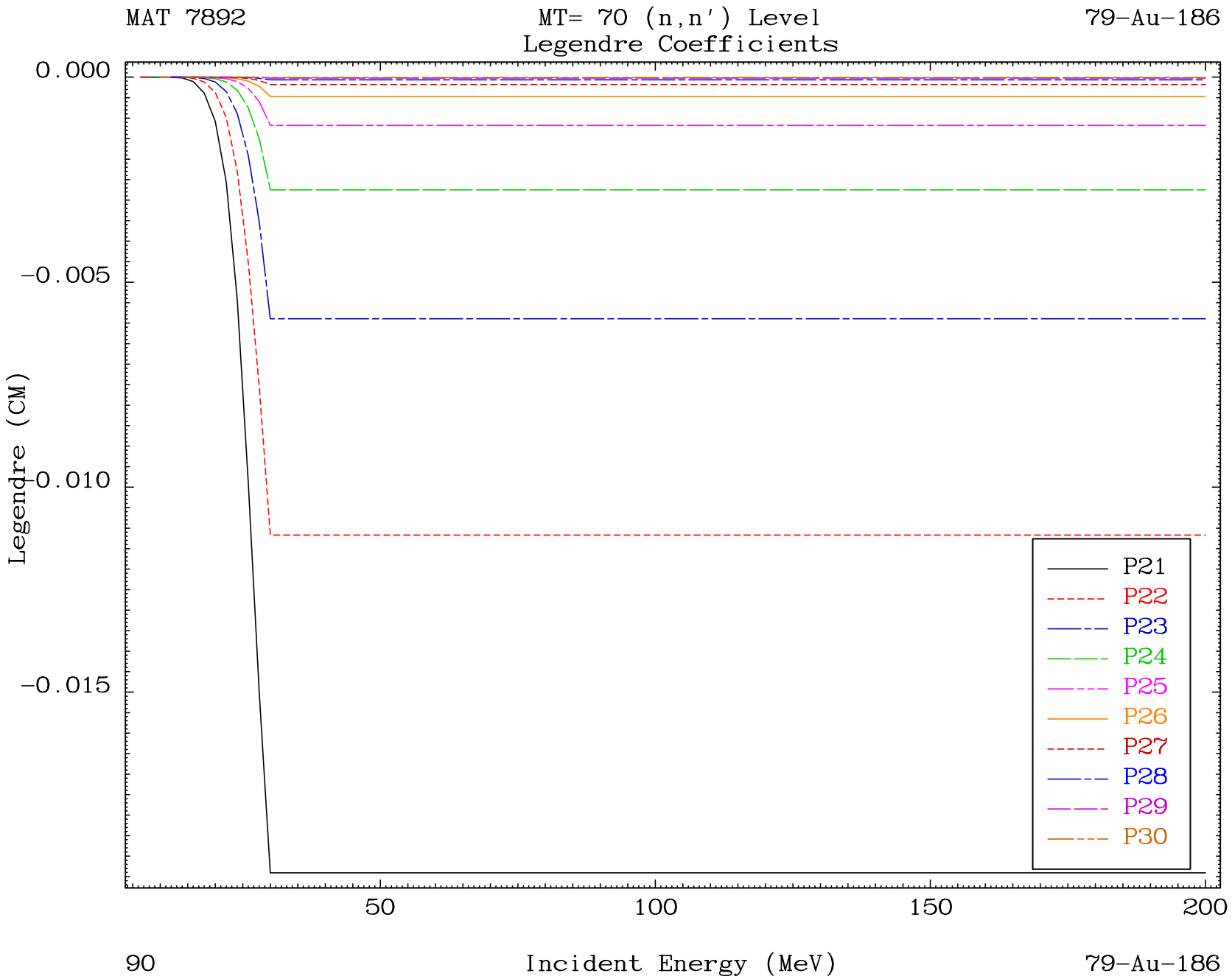

MAT 7892
MT= 69 (n,n') Level
Legendre Coefficients
79-Au-186
0.06
0.04
0.02
0.00
-0.02
-0.04
Legendre (CM)
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20
0
50
100
150
200
85
Incident Energy (MeV)
79-Au-186

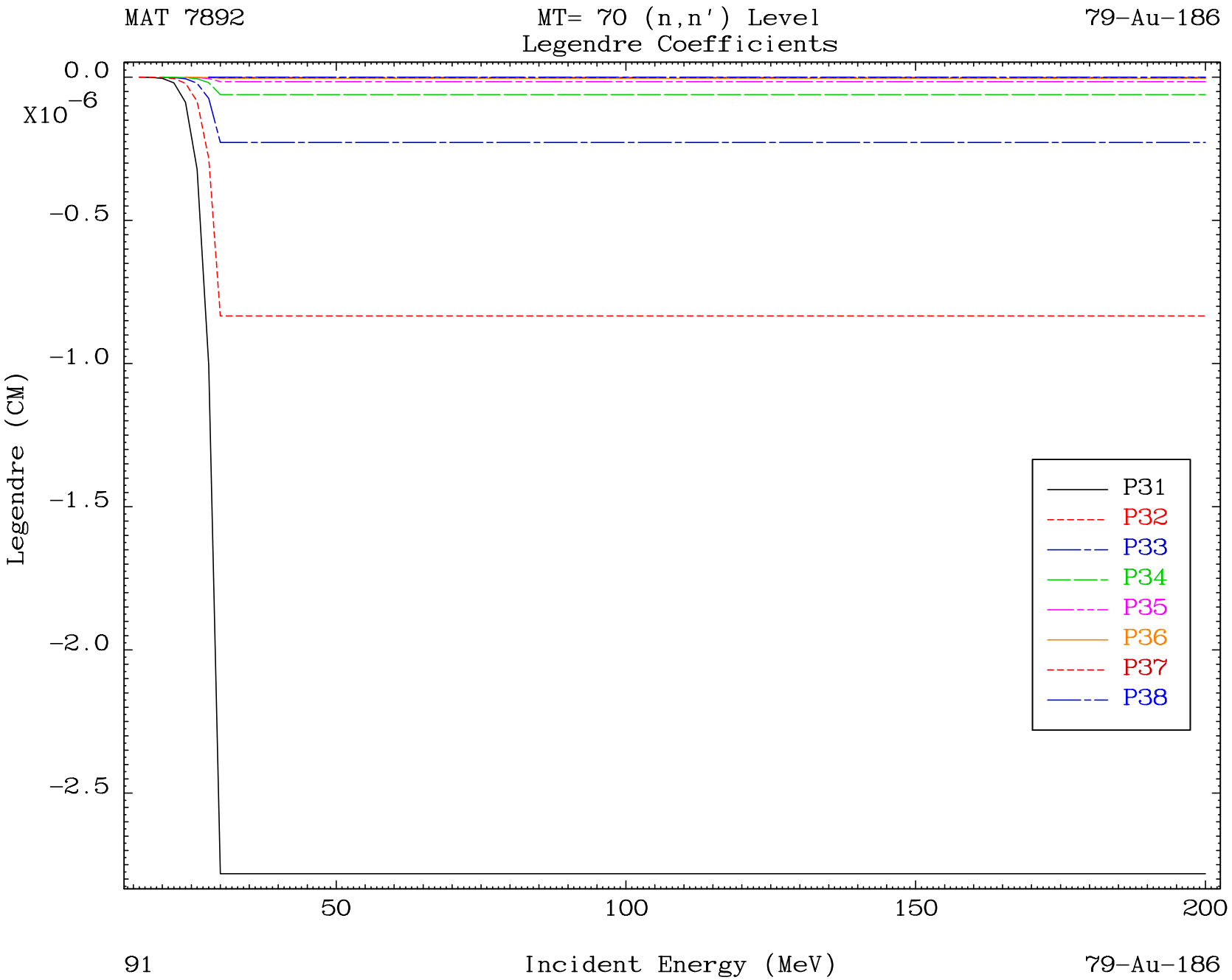

MAT 7892
MT= 69 (n,n') Level
Legendre Coefficients
79-Au-186
0.000
-0.005
-0.010
-0.015
Legendre (CM)
50
100
150
200
86
Incident Energy (MeV)
79-Au-186
P21
P22
P23
P24
P25
P26
P27
P28
P29
P30

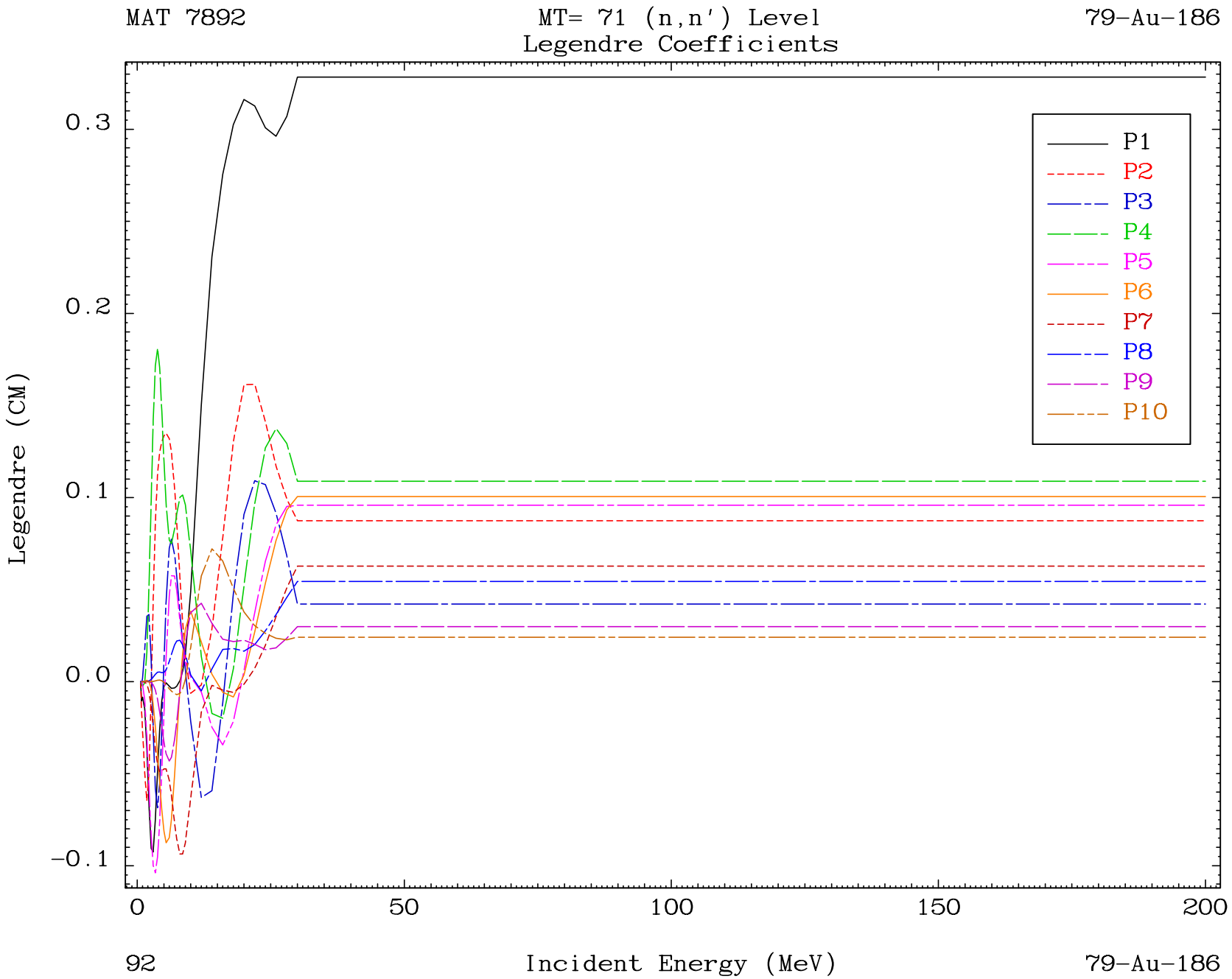

MAT 7892
MT= 69 (n,n') Level
Legendre Coefficients
79-Au-186
0.0
X10^-6
-0.5
-1.0
-1.5
-2.0
-2.5
Legendre (CM)
50
100
150
200
87
Incident Energy (MeV)
79-Au-186
P31
P32
P33
P34
P35
P36
P37
P38

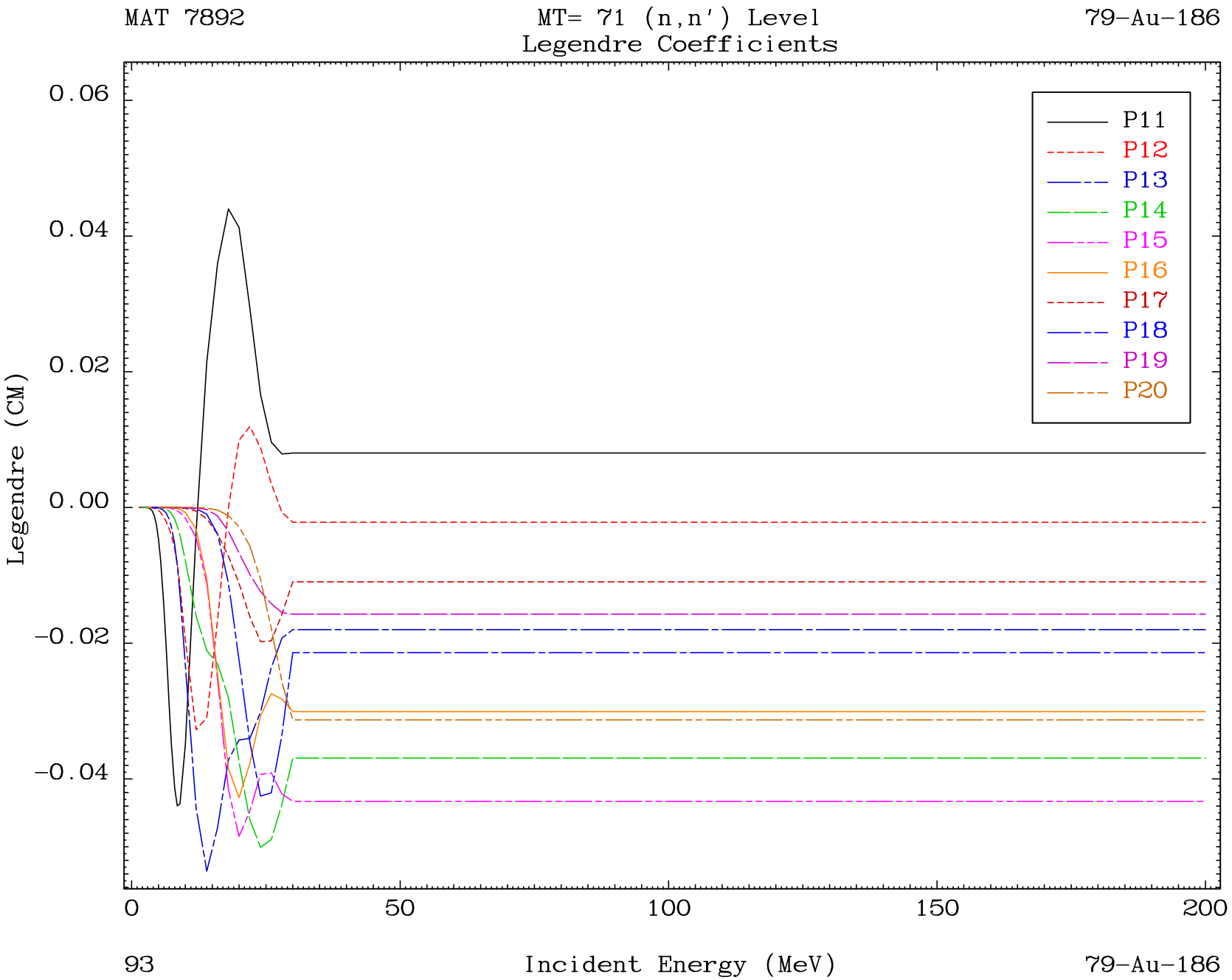

MAT 7892
MT= 70 (n,n') Level
Legendre Coefficients
79-Au-186
Legendre (CM)
0.3
0.2
0.1
0.0
-0.1
0
50
100
150
200
Incident Energy (MeV)
88
79-Au-186
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10

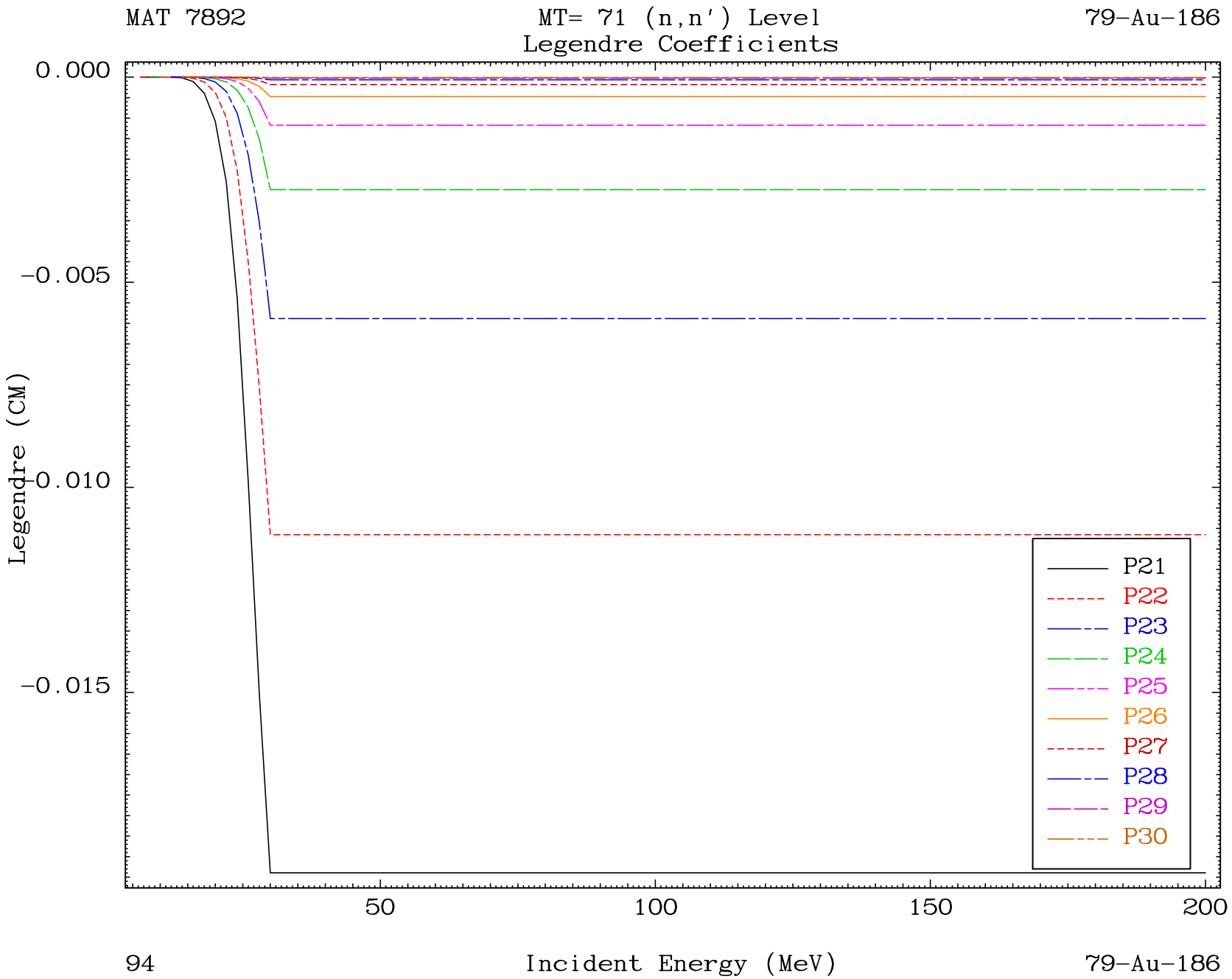

MAT 7892
MT= 70 (n,n') Level
Legendre Coefficients
79-Au-186
0.06
0.04
0.02
0.00
-0.02
-0.04
Legendre (CM)
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20
0
50
100
150
200
89
Incident Energy (MeV)
79-Au-186

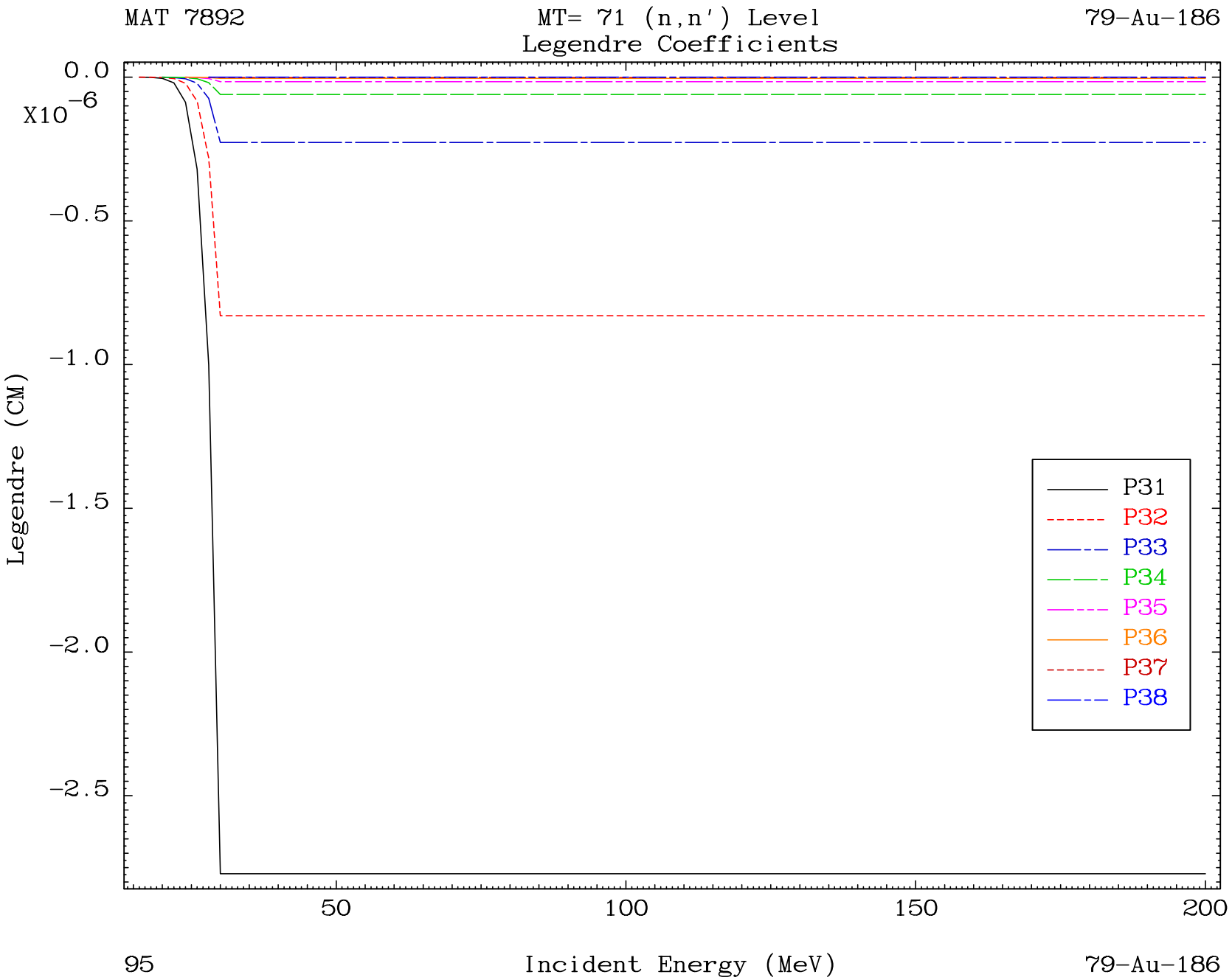

MAT 7892
MT= 70 (n,n') Level
Legendre Coefficients
79-Au-186
0.000
-0.005
-0.010
-0.015
Legendre (CM)
50
100
150
200
90
Incident Energy (MeV)
79-Au-186
P21
P22
P23
P24
P25
P26
P27
P28
P29
P30

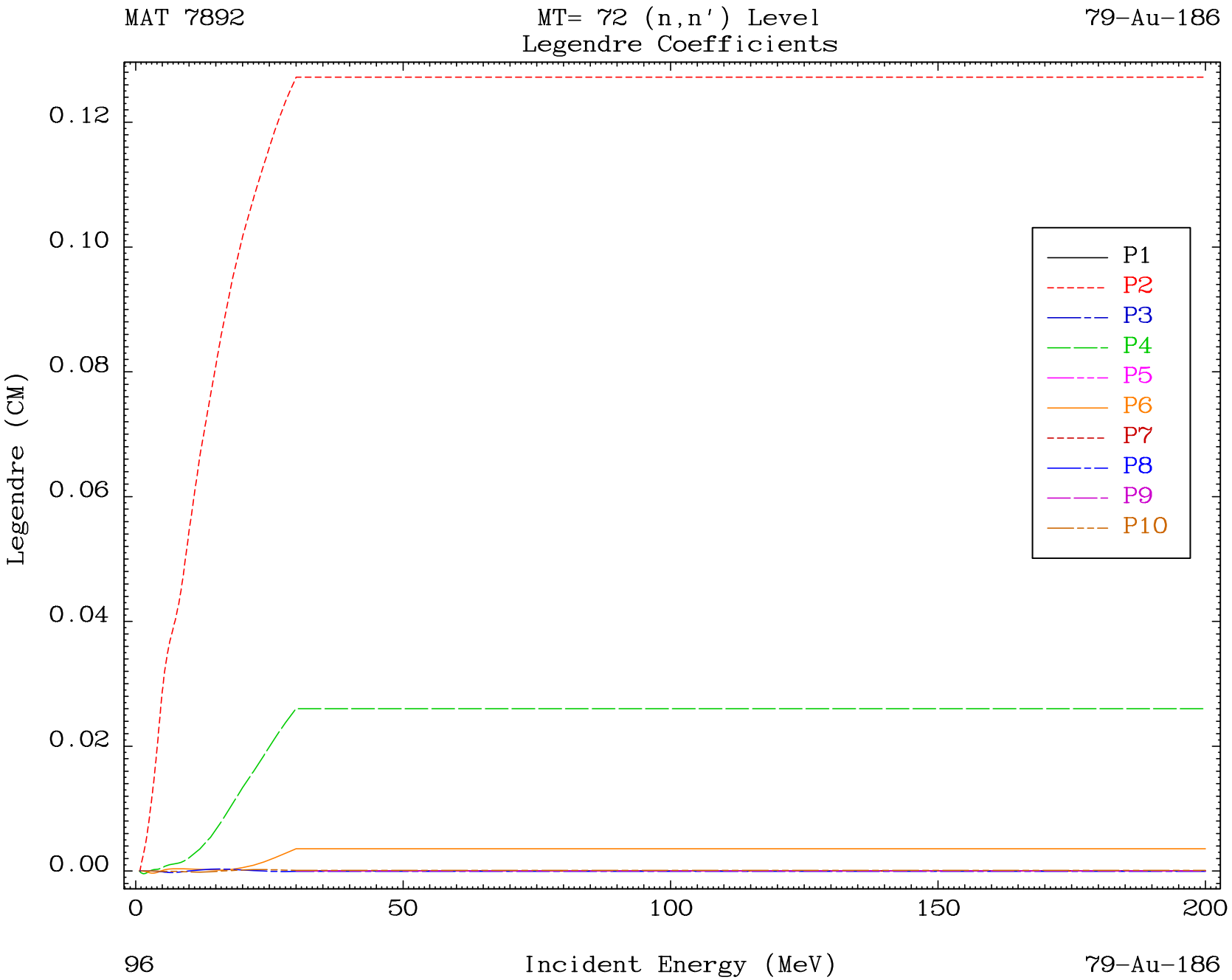

MAT 7892
MT= 70 (n,n') Level
Legendre Coefficients
79-Au-186
0.0
X10^-6
-0.5
-1.0
-1.5
-2.0
-2.5
Legendre (CM)
50
100
150
200
91
Incident Energy (MeV)
79-Au-186
P31
P32
P33
P34
P35
P36
P37
P38

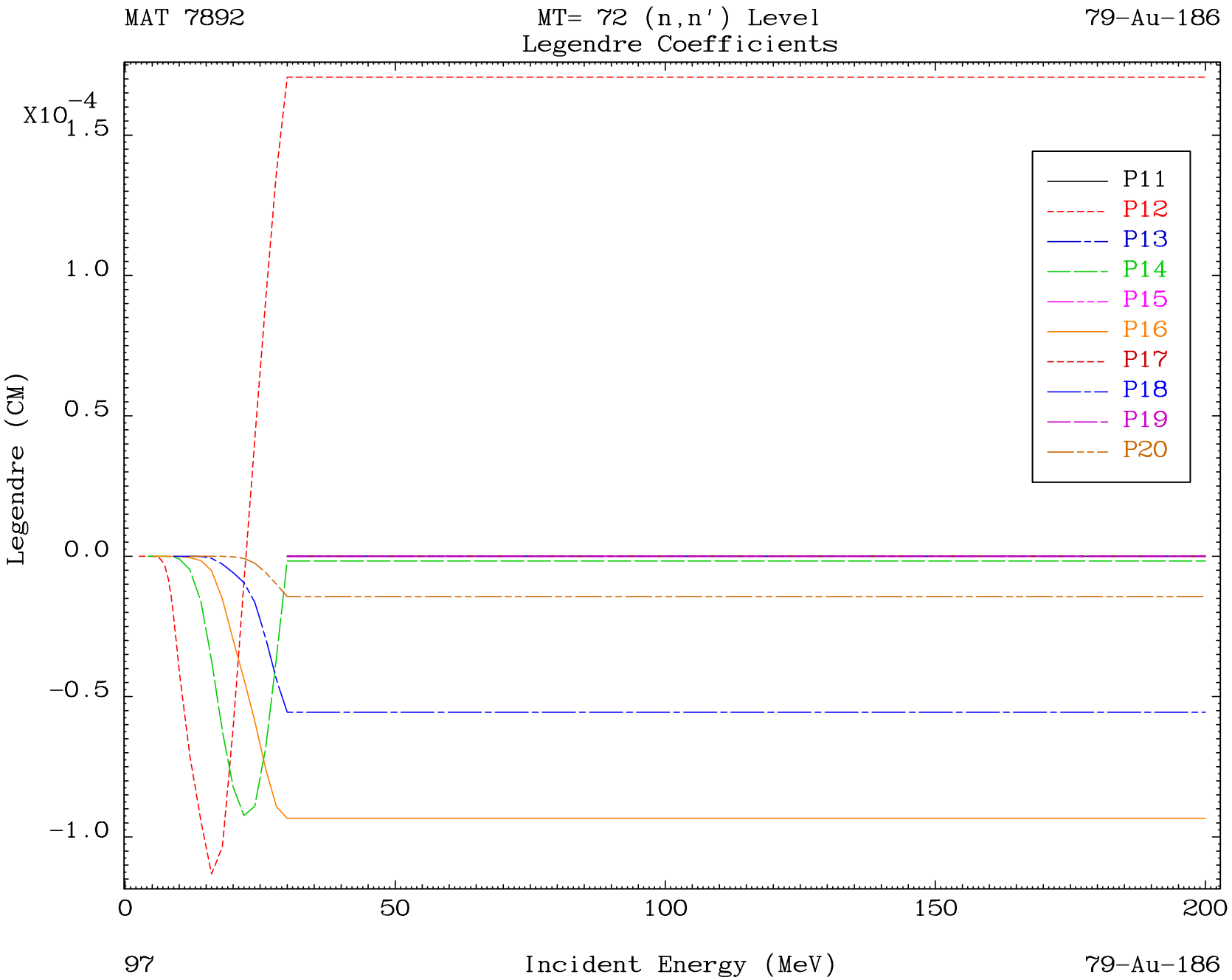

MAT 7892
MT= 71 (n,n') Level
Legendre Coefficients
79-Au-186
Legendre (CM)
0.3
0.2
0.1
0.0
-0.1
0
50
100
150
200
92
Incident Energy (MeV)
79-Au-186
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10

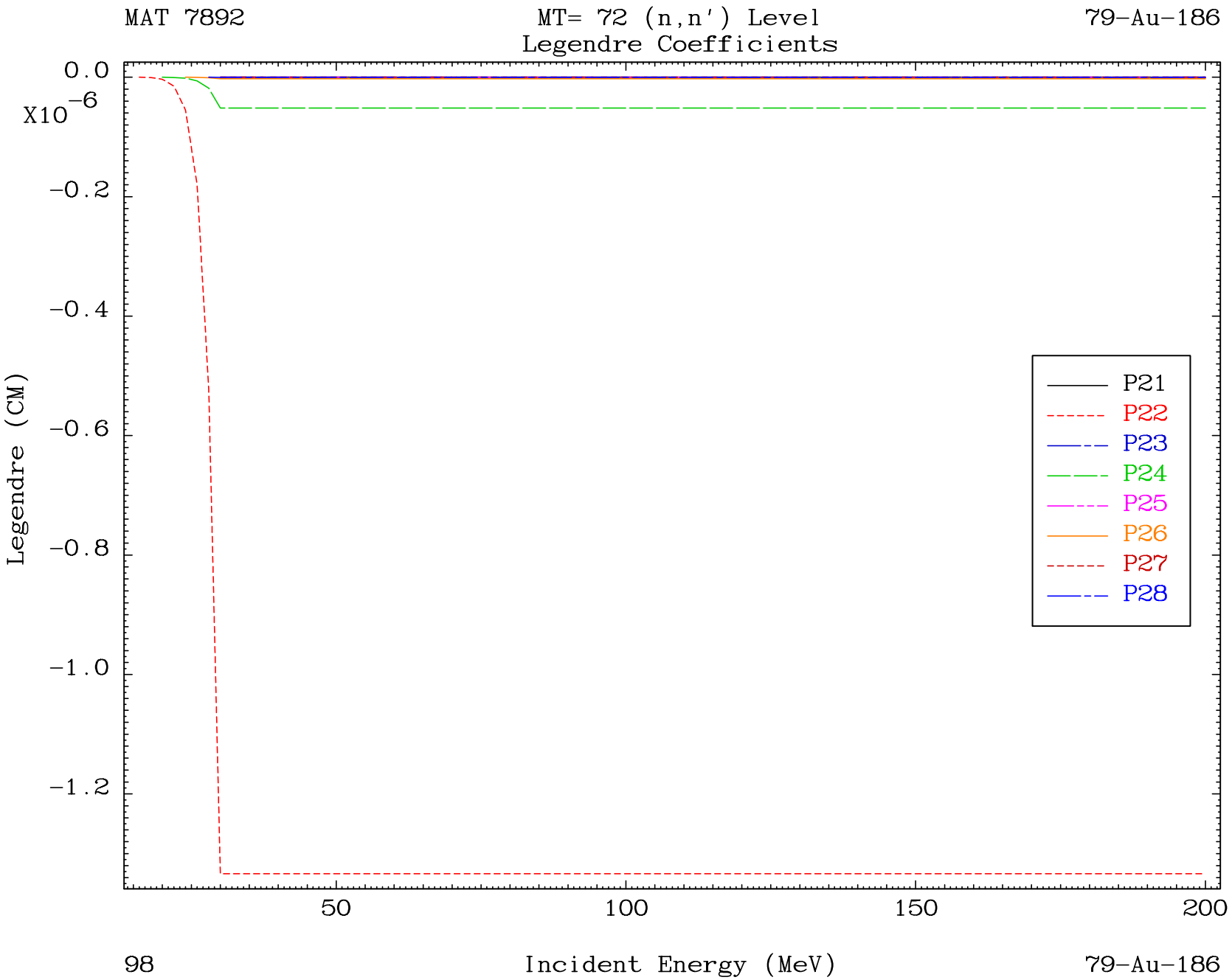

MAT 7892
MT= 71 (n,n') Level
Legendre Coefficients
79-Au-186
0.06
0.04
0.02
0.00
-0.02
-0.04
Legendre (CM)
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20
0
50
100
150
200
93
Incident Energy (MeV)
79-Au-186

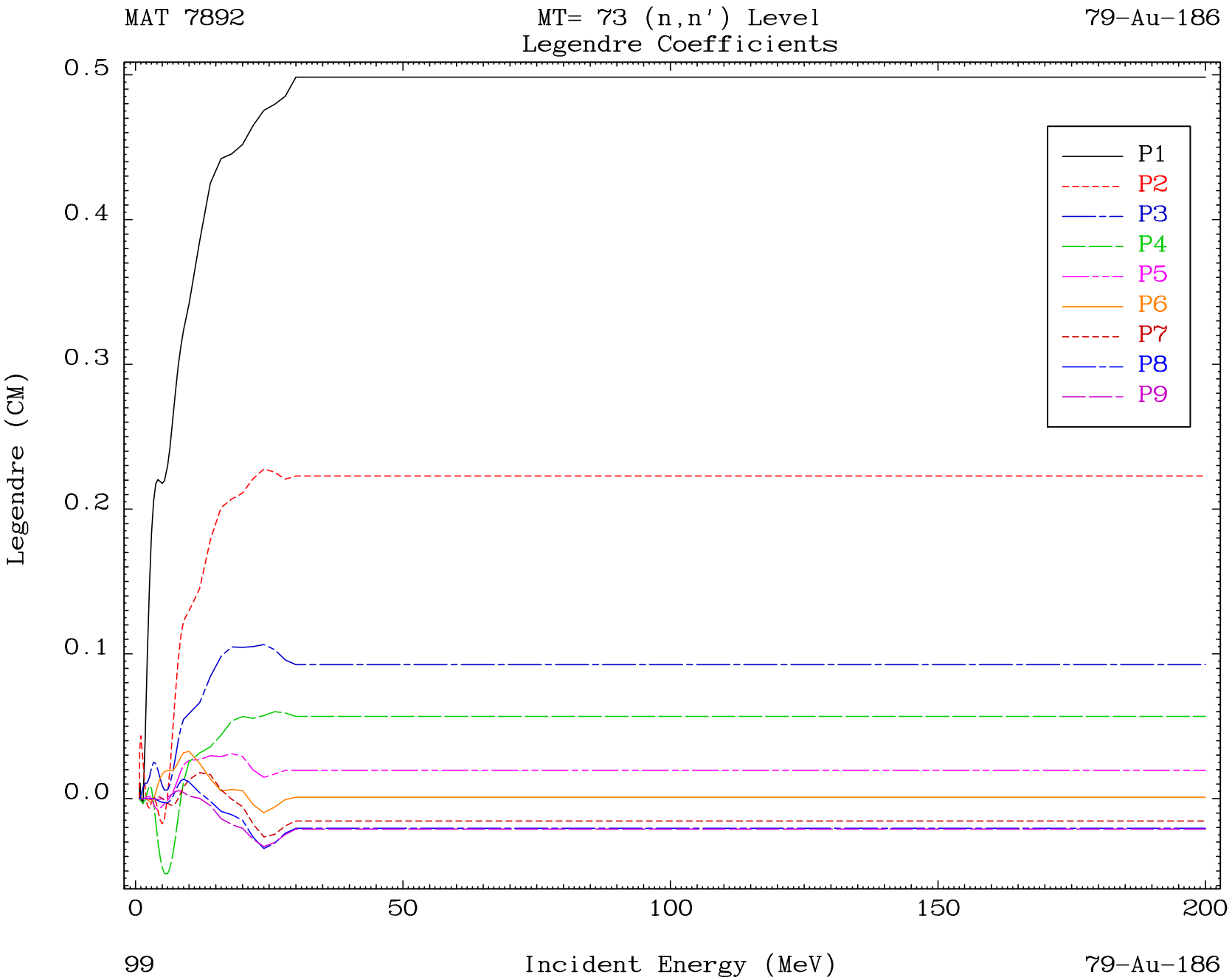

MAT 7892
MT= 71 (n,n') Level
Legendre Coefficients
79-Au-186
0.000
-0.005
-0.010
-0.015
Legendre (CM)
50
100
150
200
94
Incident Energy (MeV)
79-Au-186
P21
P22
P23
P24
P25
P26
P27
P28
P29
P30

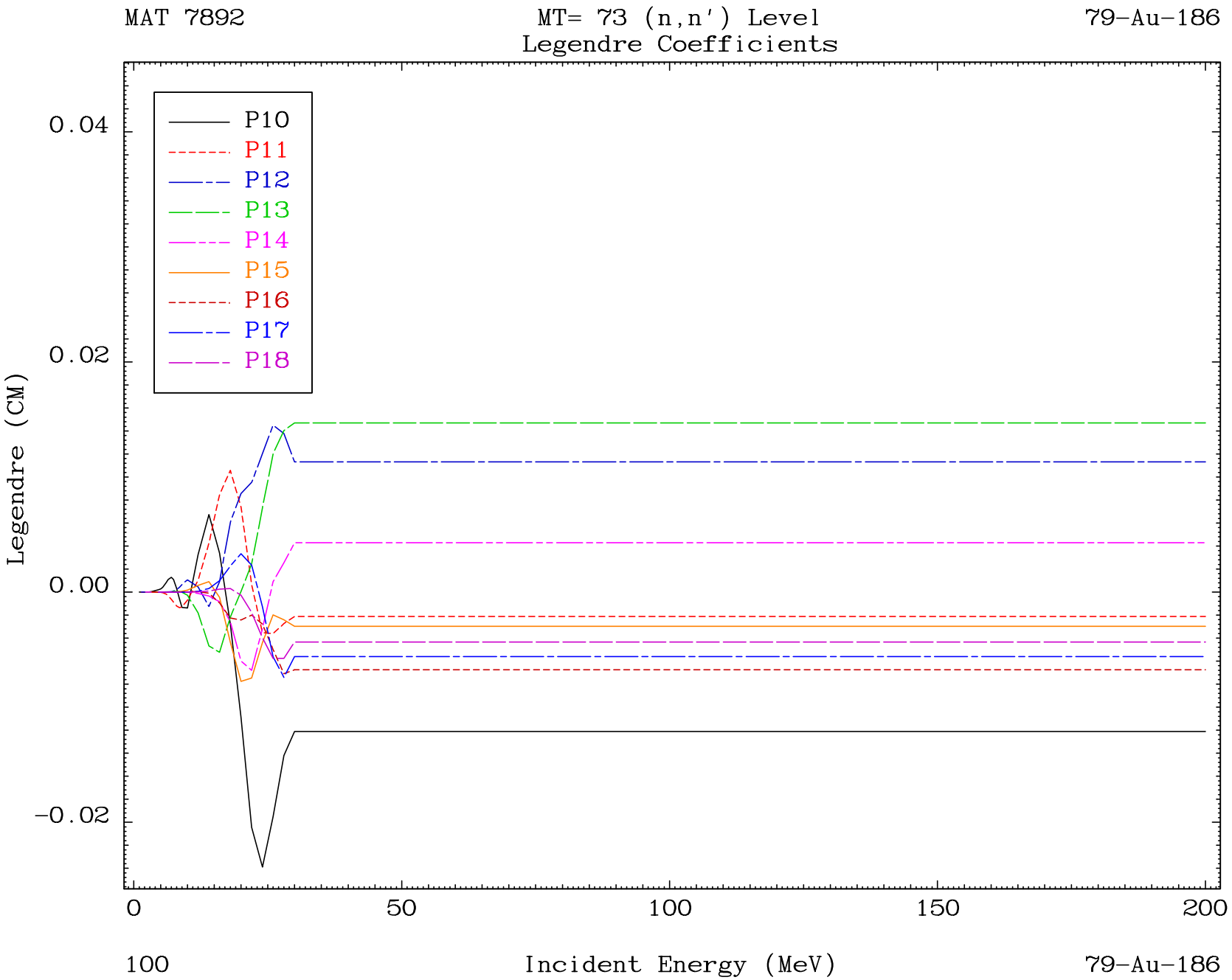

MAT 7892
MT= 71 (n,n') Level
Legendre Coefficients
79-Au-186
0.0
X10^-6
-0.5
-1.0
-1.5
-2.0
-2.5
Legendre (CM)
50
100
150
200
95
Incident Energy (MeV)
79-Au-186
P31
P32
P33
P34
P35
P36
P37
P38

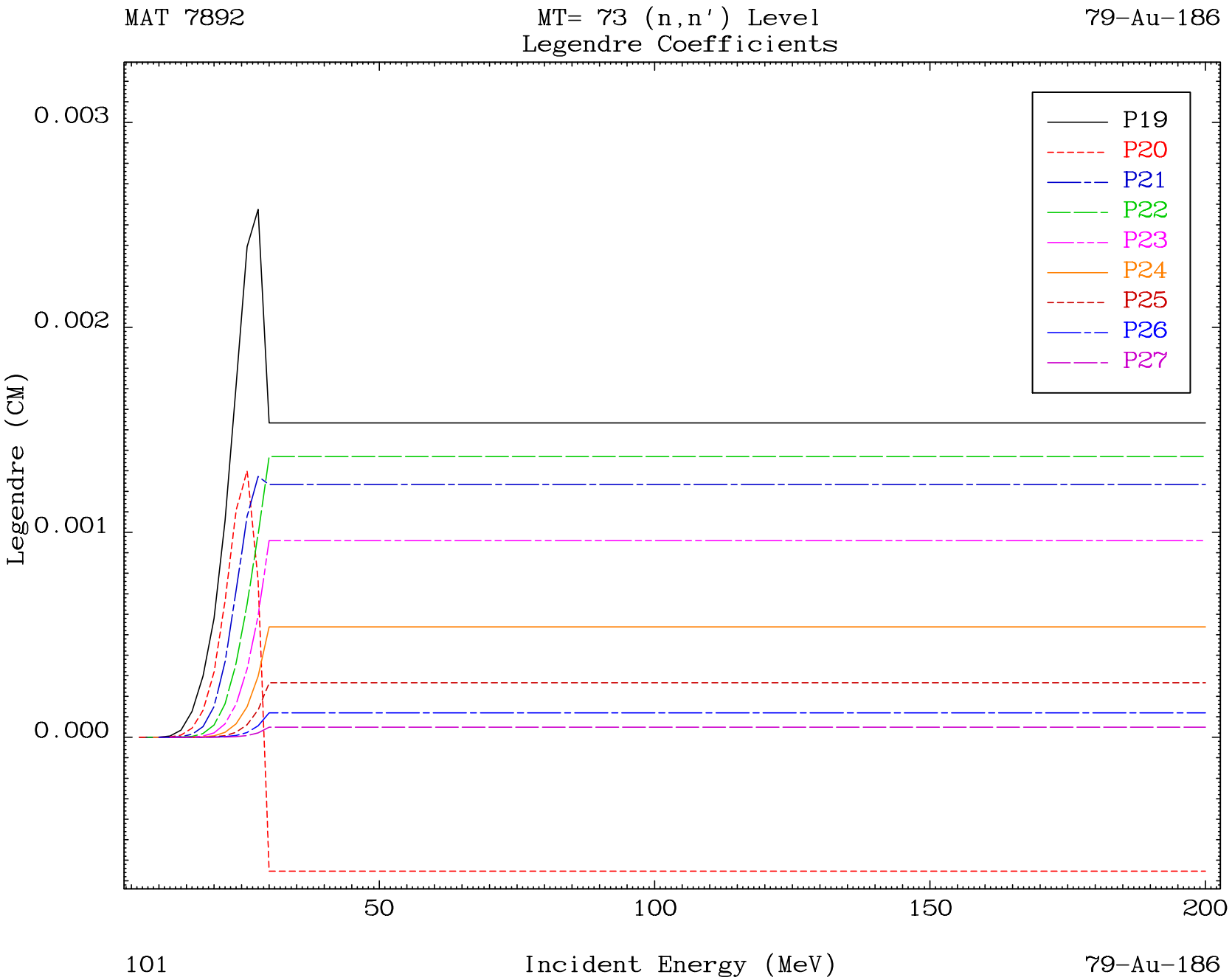

MAT 7892
MT= 72 (n,n') Level
Legendre Coefficients
79-Au-186
0.12
0.10
0.08
0.06
0.04
0.02
0.00
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10
0
50
100
150
200
96
Incident Energy (MeV)
79-Au-186

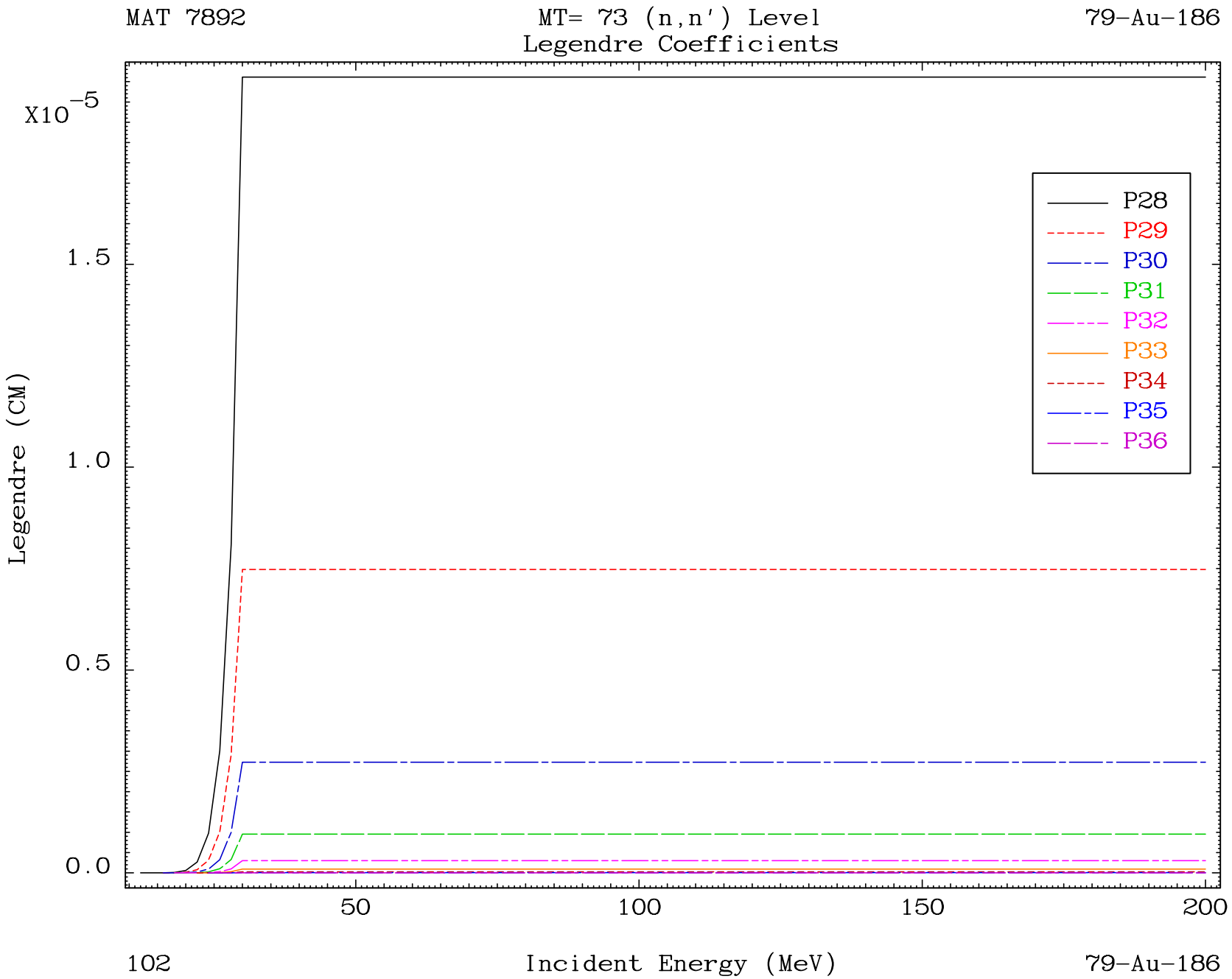

MAT 7892
MT= 72 (n,n') Level
Legendre Coefficients
79-Au-186
X10^-4
1.5
1.0
0.5
0.0
-0.5
-1.0
Legendre (CM)
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20
0
50
100
150
200
97
Incident Energy (MeV)
79-Au-186

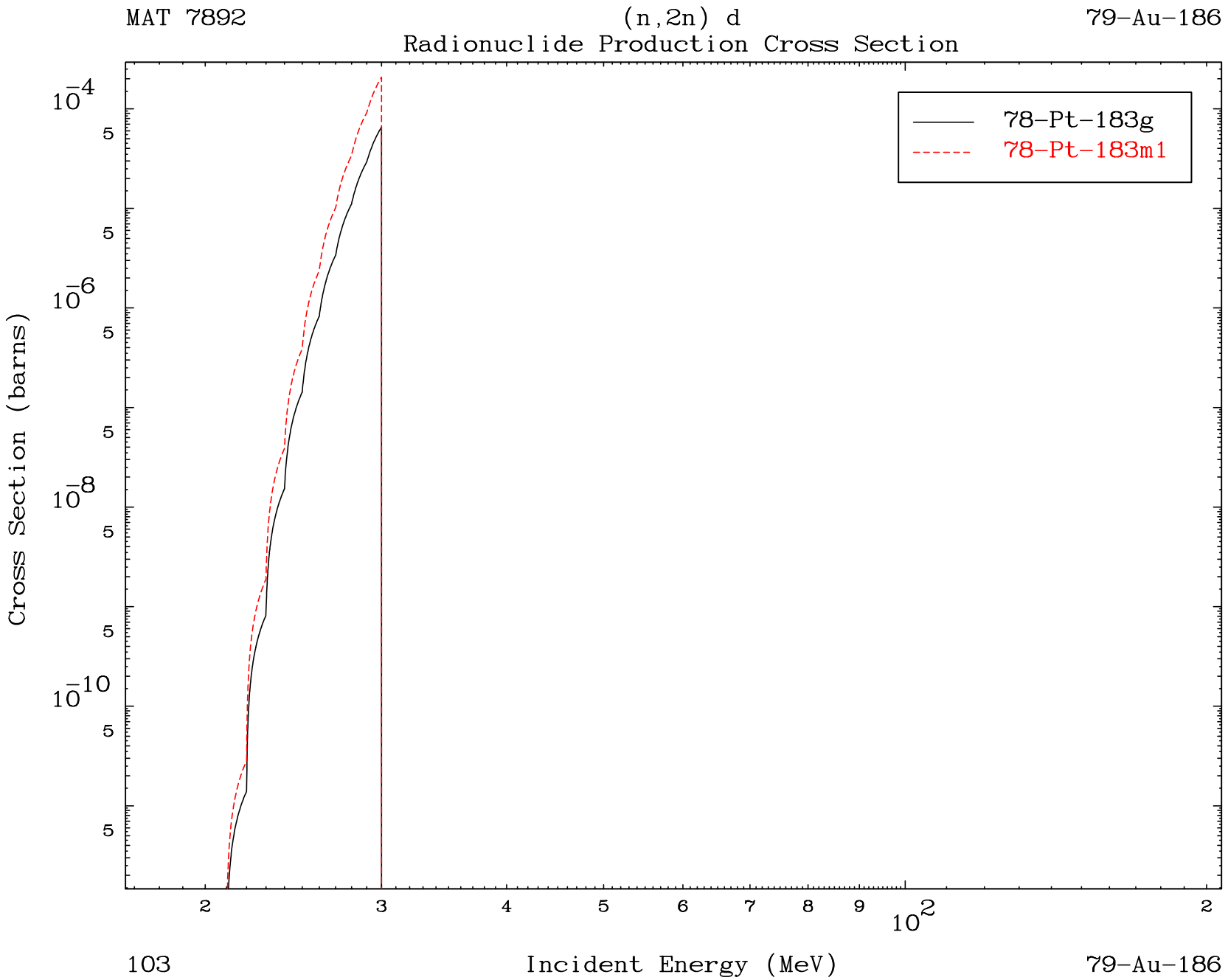

MAT 7892
MT= 72 (n,n') Level
Legendre Coefficients
79-Au-186
0.0
X10^-6
-0.2
-0.4
-0.6
-0.8
-1.0
-1.2
Legendre (CM)
50
100
150
200
P21
P22
P23
P24
P25
P26
P27
P28
98
Incident Energy (MeV)
79-Au-186

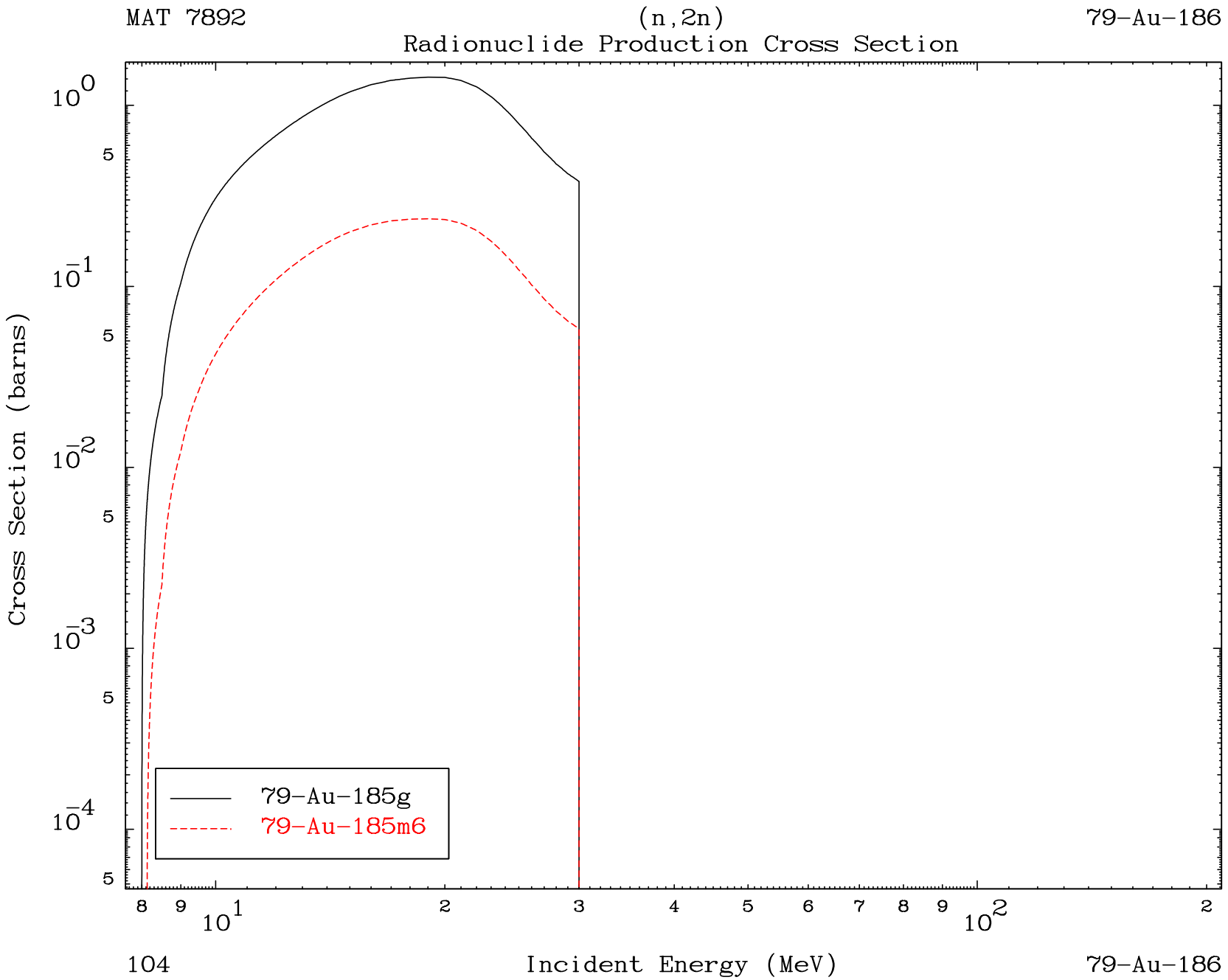

MAT 7892
MT= 73 (n,n') Level
Legendre Coefficients
79-Au-186
0.5
0.4
0.3
0.2
0.1
0.0
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
0
50
100
150
200
99
Incident Energy (MeV)
79-Au-186

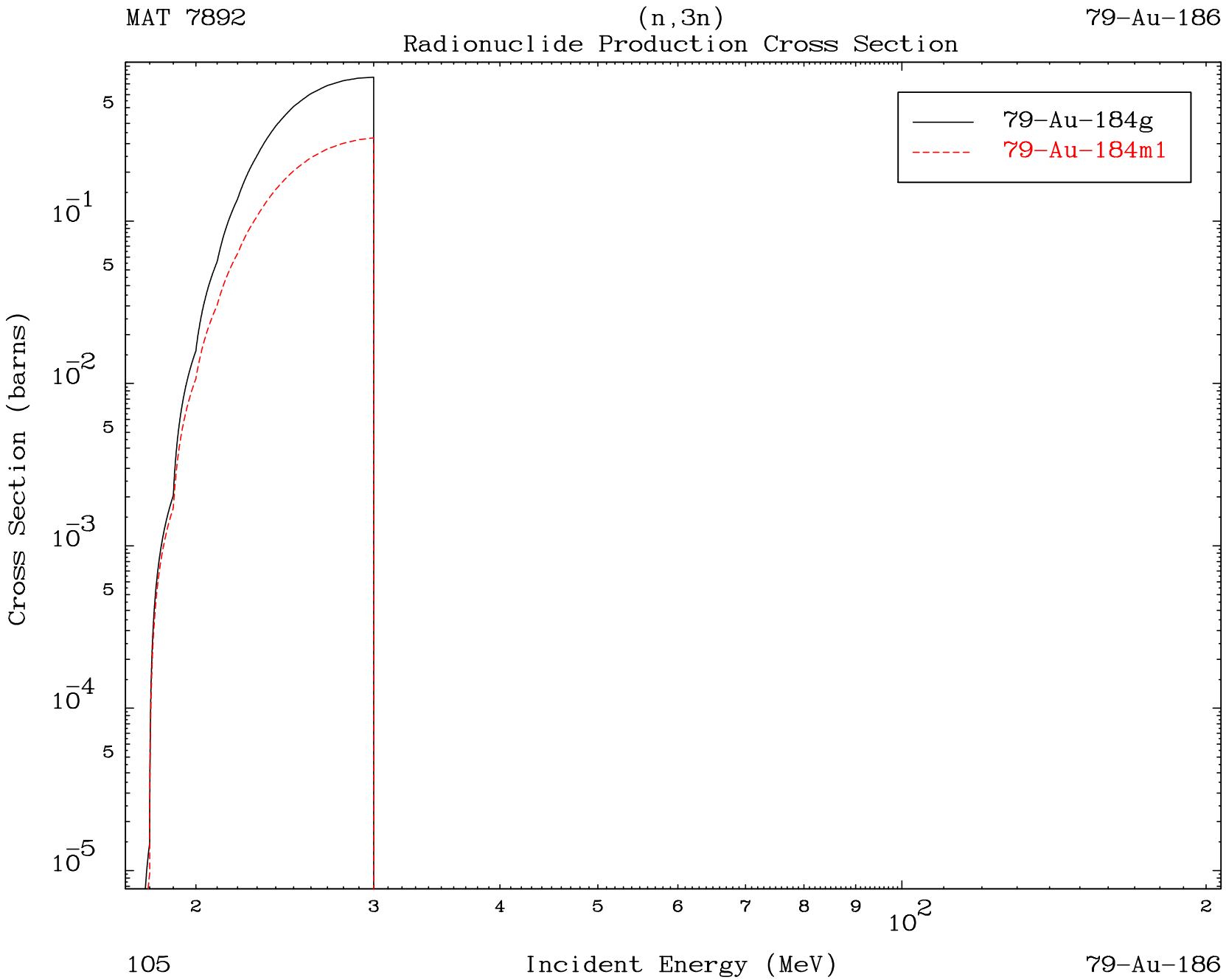

MAT 7892
MT= 73 (n,n') Level
Legendre Coefficients
79-Au-186
P10
P11
P12
P13
P14
P15
P16
P17
P18
0.04
0.02
0.00
-0.02
Legendre (CM)
0
50
100
150
200
100
Incident Energy (MeV)
79-Au-186

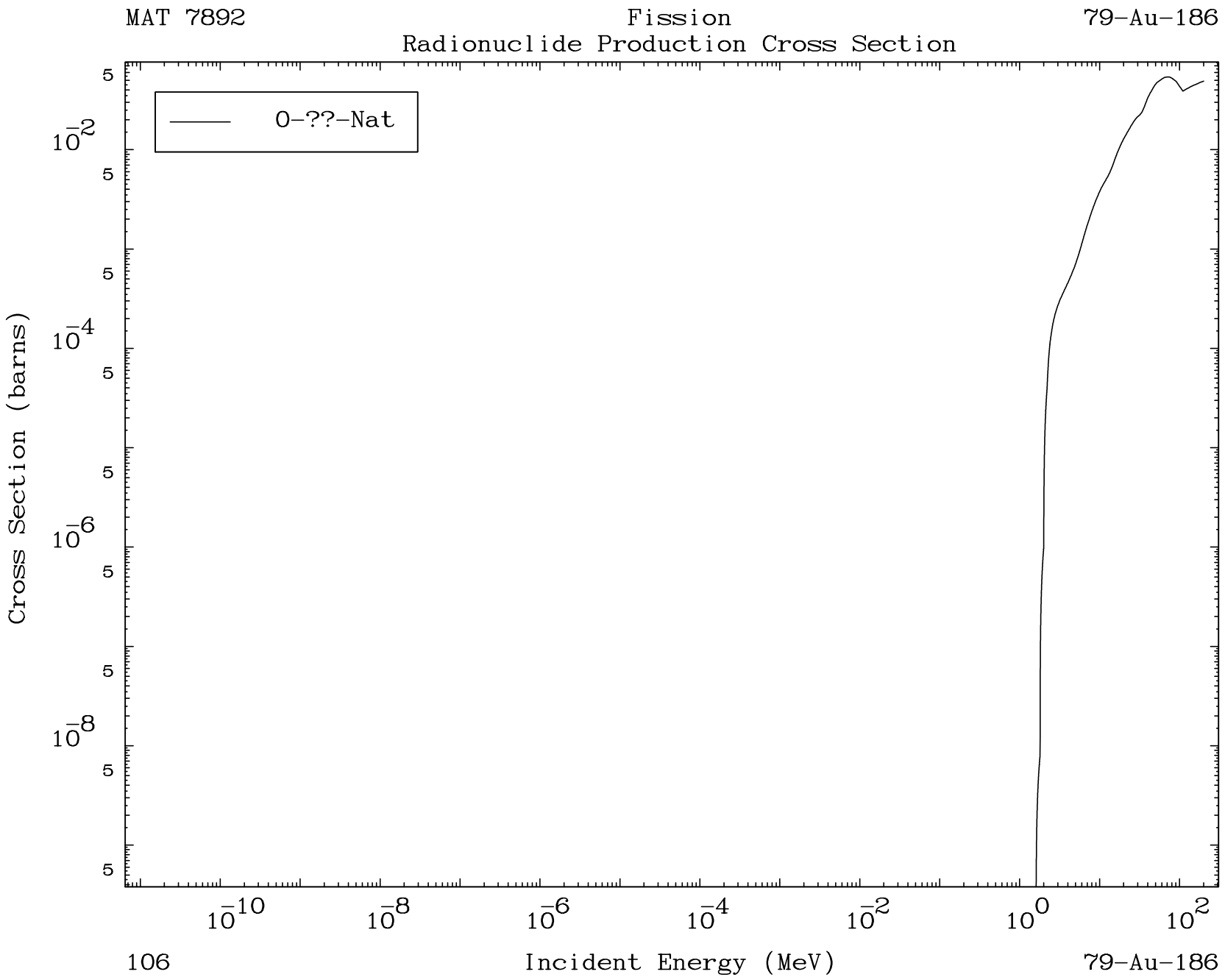

MAT 7892
MT= 73 (n,n') Level
Legendre Coefficients
79-Au-186
0.003
0.002
0.001
0.000
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
P27
50
100
150
200
101
Incident Energy (MeV)
79-Au-186

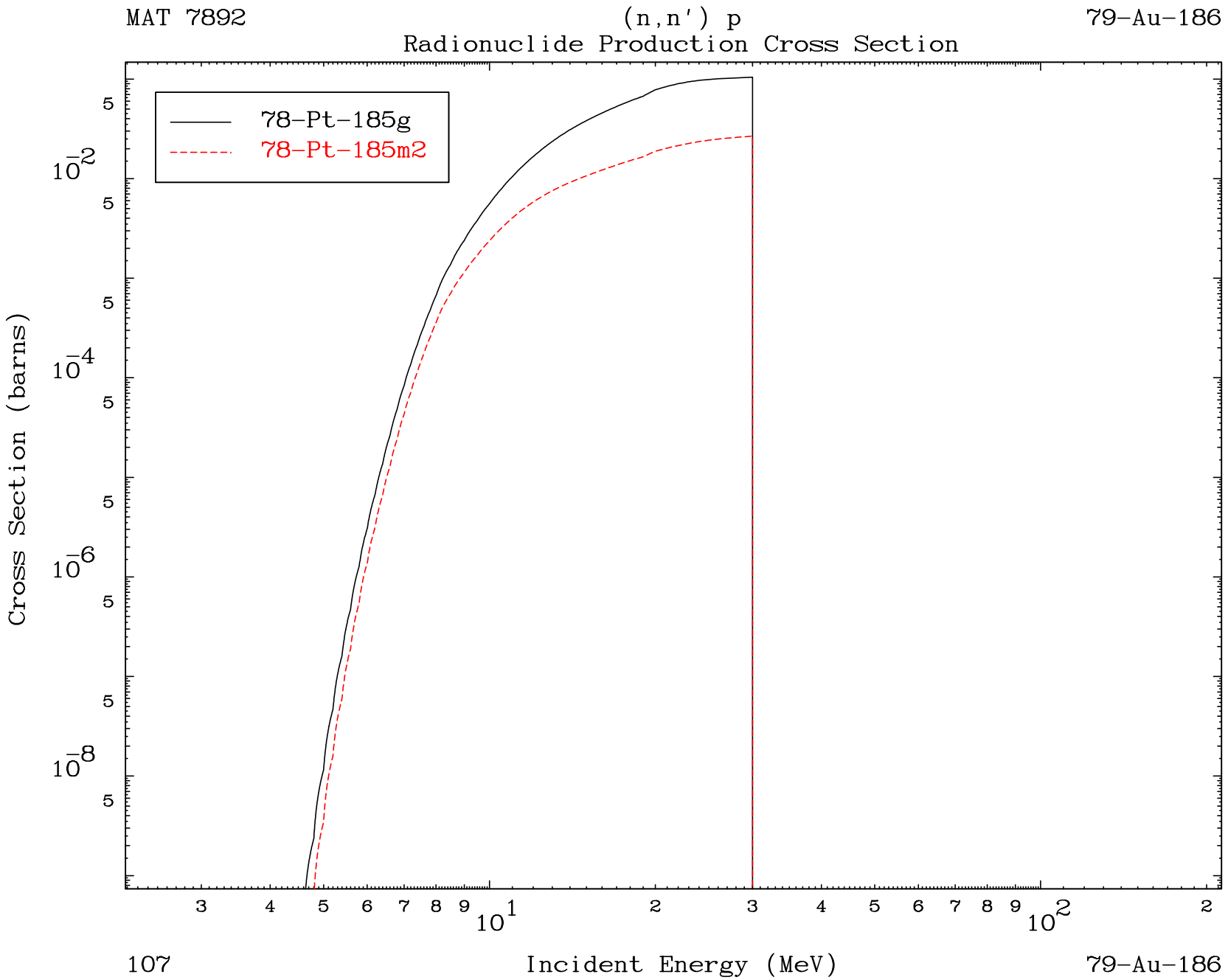

MAT 7892
MT= 73 (n,n') Level
Legendre Coefficients
79-Au-186
X10^-5
1.5
1.0
0.5
0.0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
P35
P36
50
100
150
200
102
Incident Energy (MeV)
79-Au-186

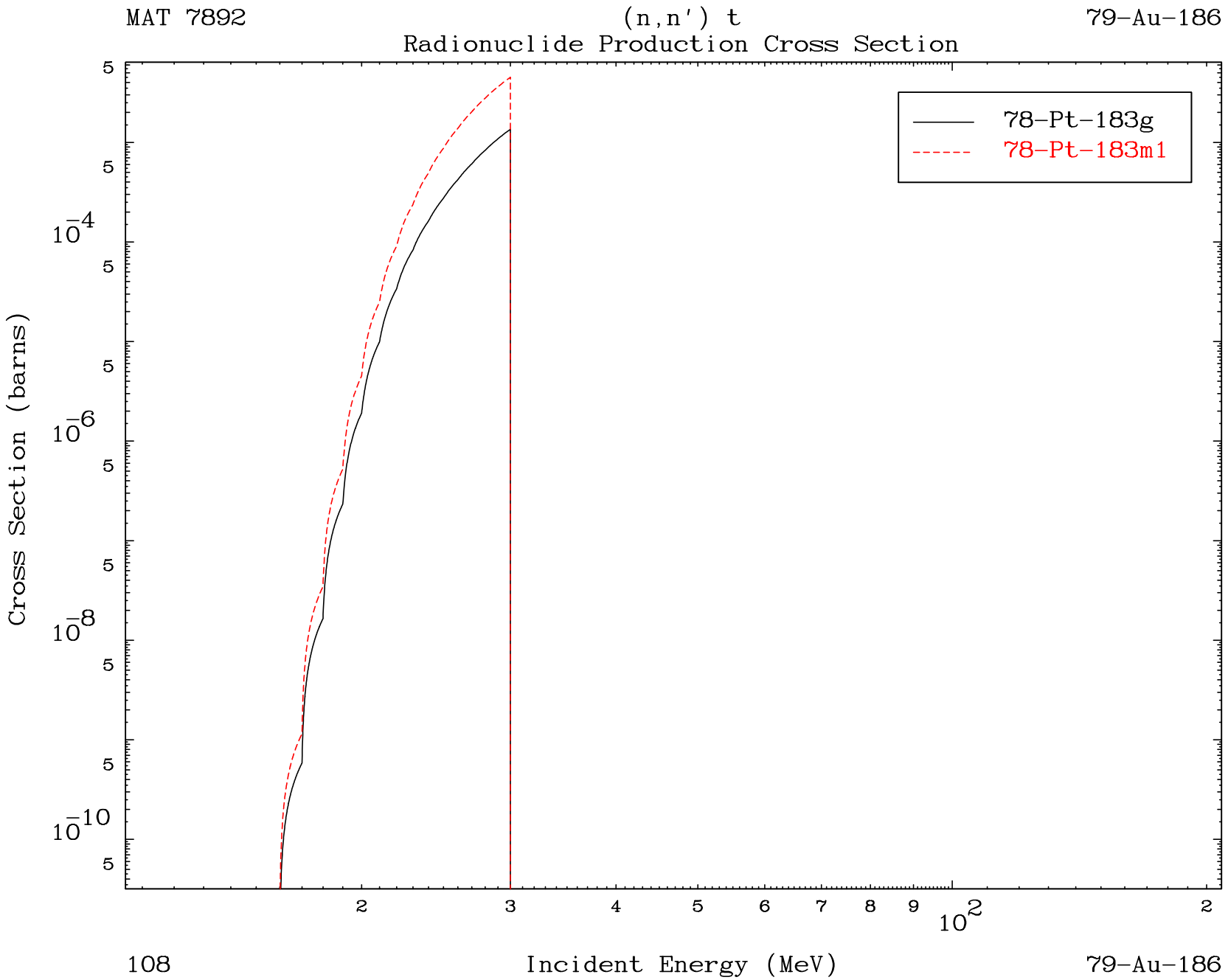

MAT 7892
(n,2n) d
79-Au-186
Radionuclide Production Cross Section
78-Pt-183g
78-Pt-183m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
103
Incident Energy (MeV)
79-Au-186

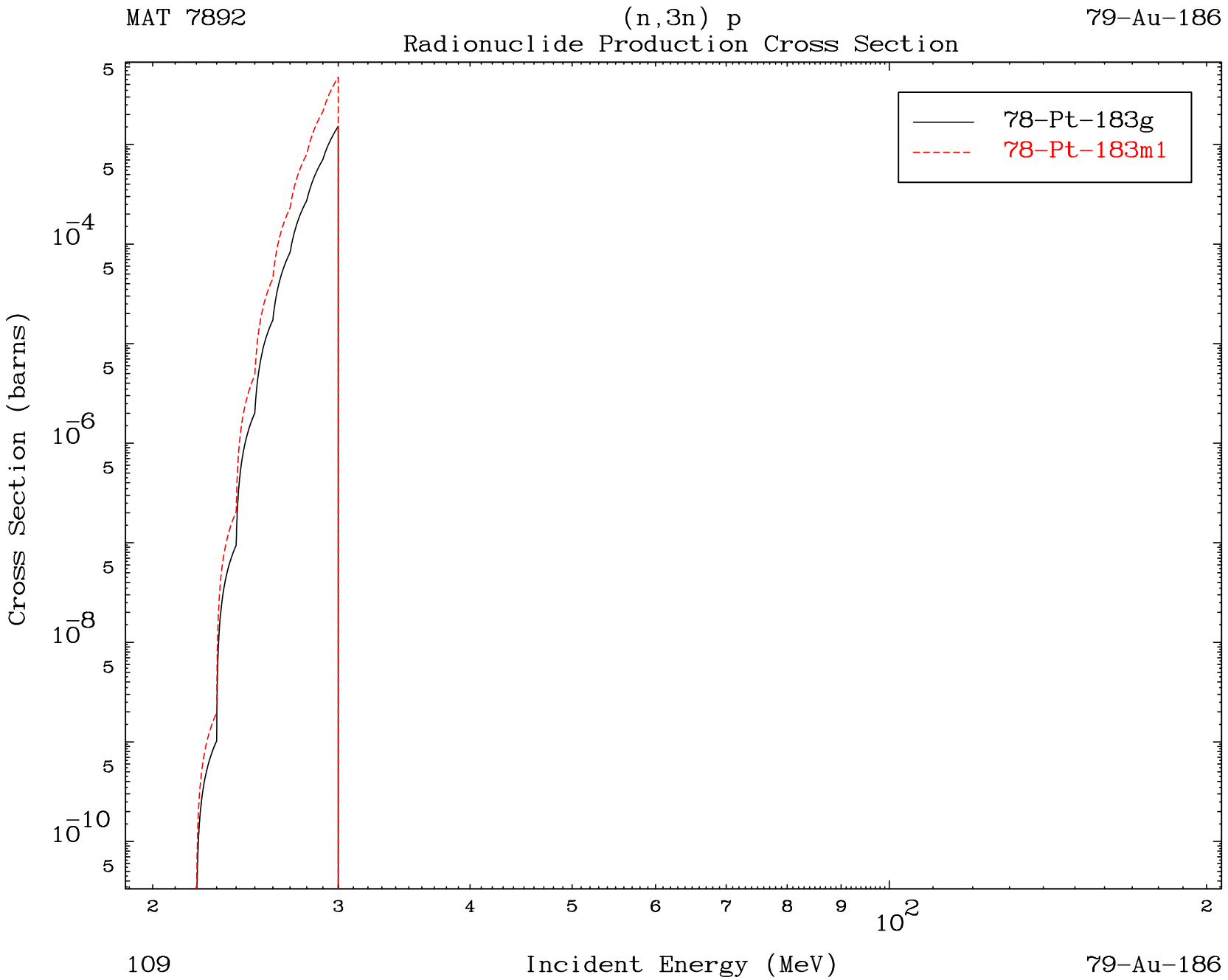

MAT 7892
(n,2n)
79-Au-186
Radionuclide Production Cross Section
Cross Section (barns)
10^0
5
10^-1
5
10^-2
5
10^-3
5
10^-4
5
79-Au-185g
79-Au-185m6
8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
104
Incident Energy (MeV)
79-Au-186

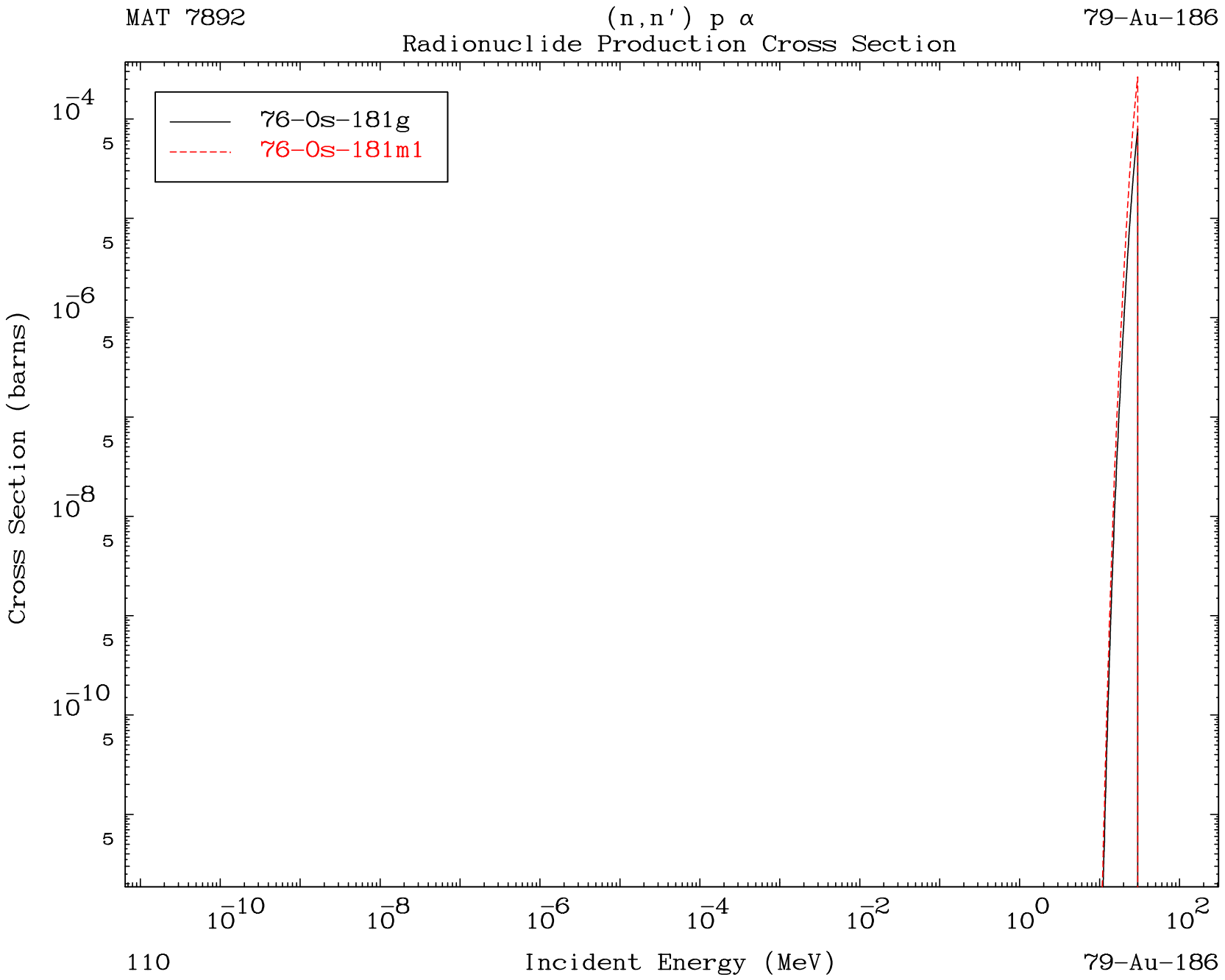

MAT 7892
(n,3n)
79-Au-186
Radionuclide Production Cross Section
79-Au-184g
79-Au-184m1
Cross Section (barns)
Incident Energy (MeV)
105
79-Au-186

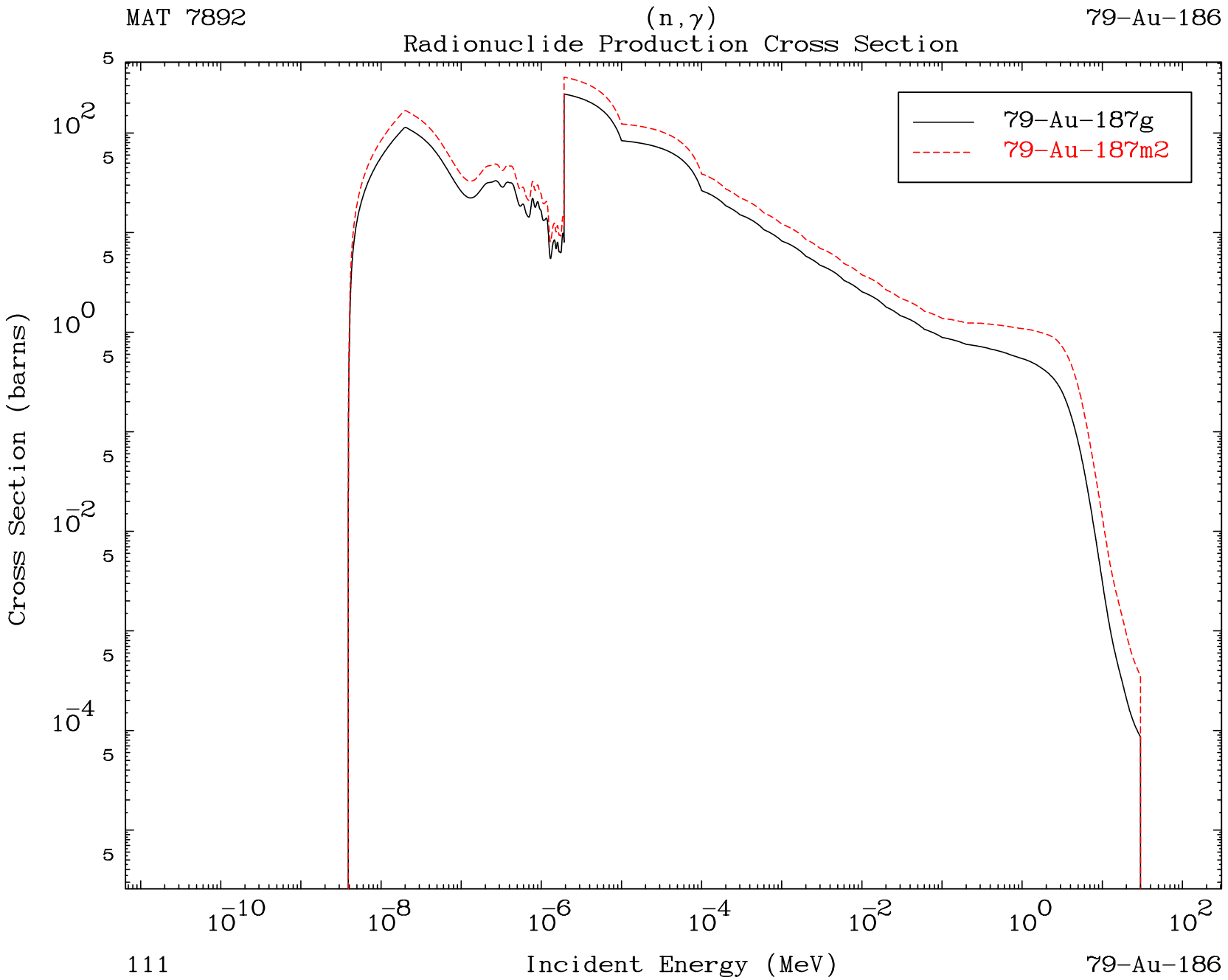

MAT 7892
Fission
79-Au-186
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
106
79-Au-186

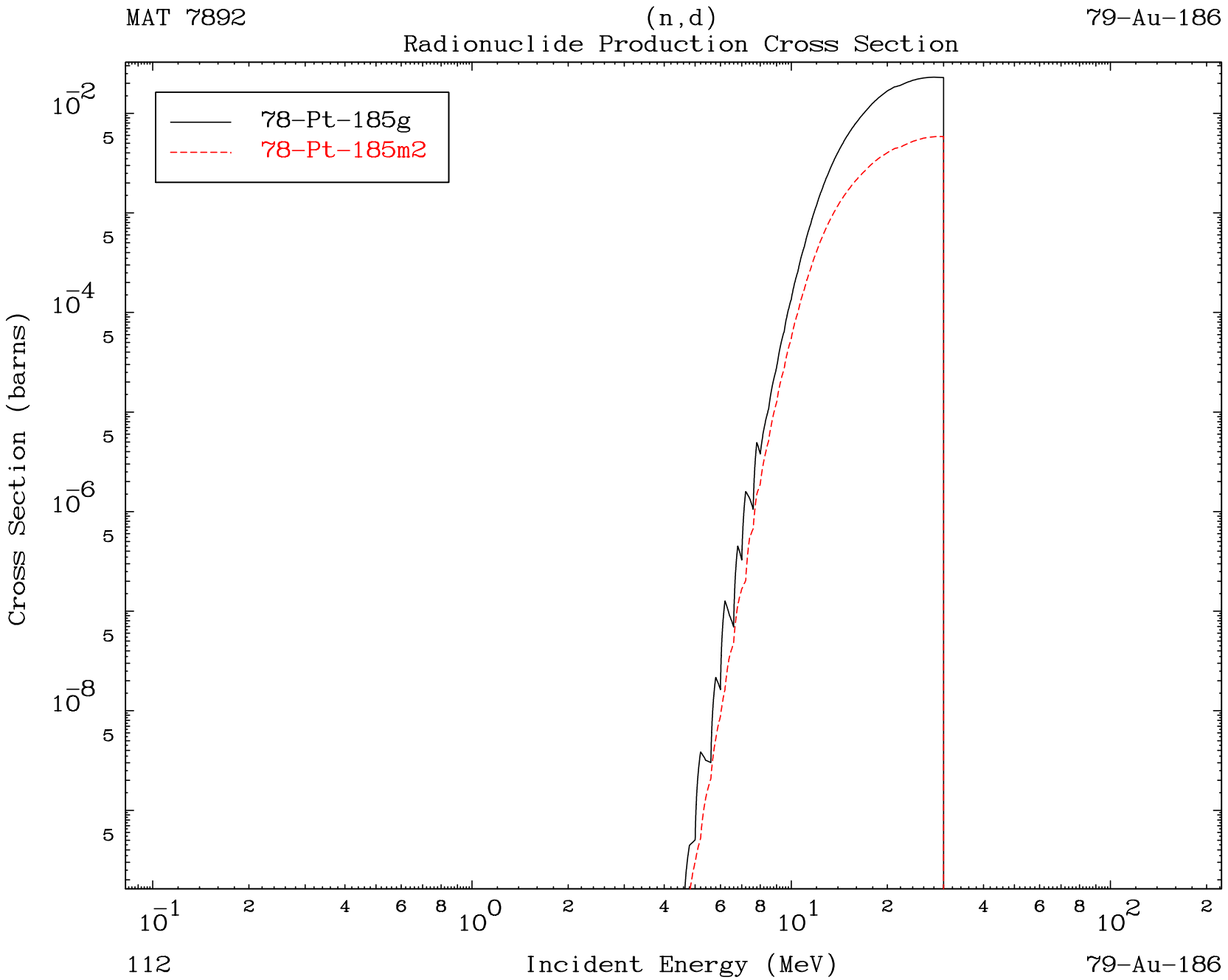

MAT 7892
(n,n') p
79-Au-186
Radionuclide Production Cross Section
78-Pt-185g
78-Pt-185m2
Cross Section (barns)
Incident Energy (MeV)
107
79-Au-186

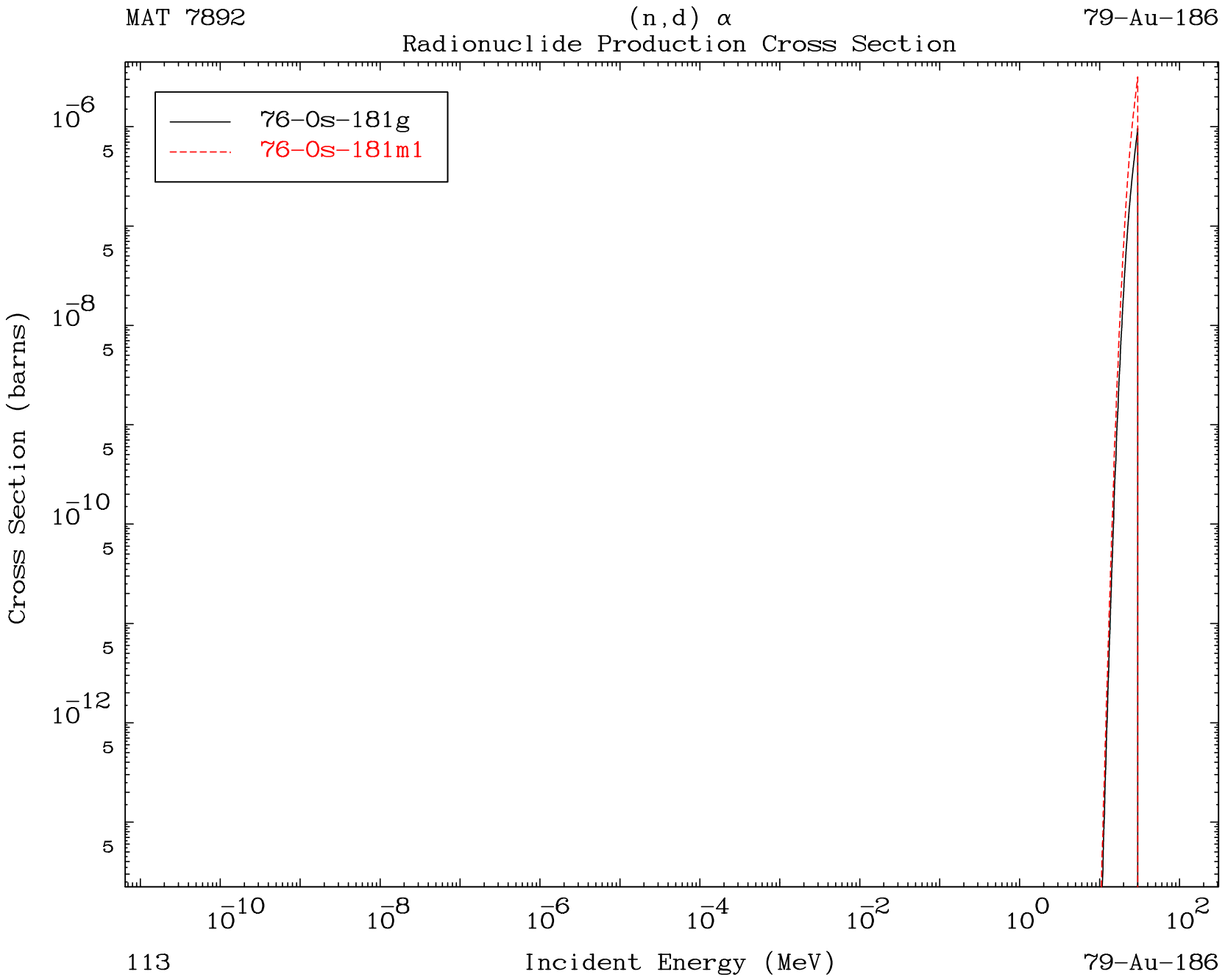

MAT 7892
(n,n') t
79-Au-186
Radionuclide Production Cross Section
78-Pt-183g
78-Pt-183m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
2
3
4
5
6
7
8
9
10^2
2
108
Incident Energy (MeV)
79-Au-186


MAT 7892
(n,3n) p
79-Au-186
Radionuclide Production Cross Section
78-Pt-183g
78-Pt-183m1
Cross Section (barns)
Incident Energy (MeV)
109
79-Au-186


MAT 7892
(n,n') p α
79-Au-186
Radionuclide Production Cross Section
76-Os-181g
76-Os-181m1
Cross Section (barns)
Incident Energy (MeV)
110
79-Au-186


MAT 7892
(n,γ)
79-Au-186
Radionuclide Production Cross Section
79-Au-187g
79-Au-187m2
Cross Section (barns)
Incident Energy (MeV)
111
79-Au-186


MAT 7892
(n,d)
79-Au-186
Radionuclide Production Cross Section
78-Pt-185g
78-Pt-185m2
Cross Section (barns)
Incident Energy (MeV)
112
79-Au-186


MAT 7892
(n,d) α
79-Au-186
Radionuclide Production Cross Section
76-Os-181g
76-Os-181m1
Cross Section (barns)
Incident Energy (MeV)
113
79-Au-186