Program EVALPLOT
(Version 2017-1)
by
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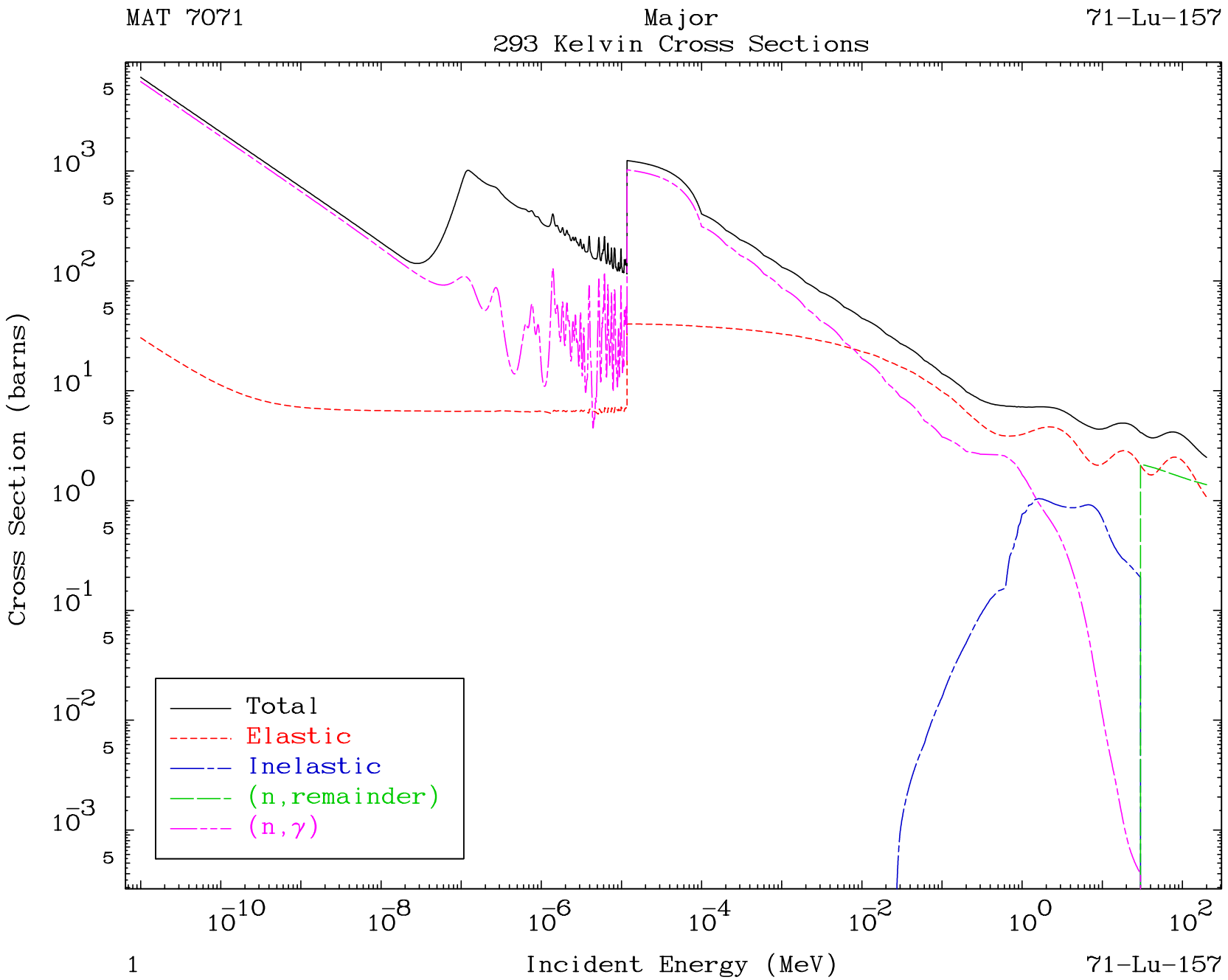
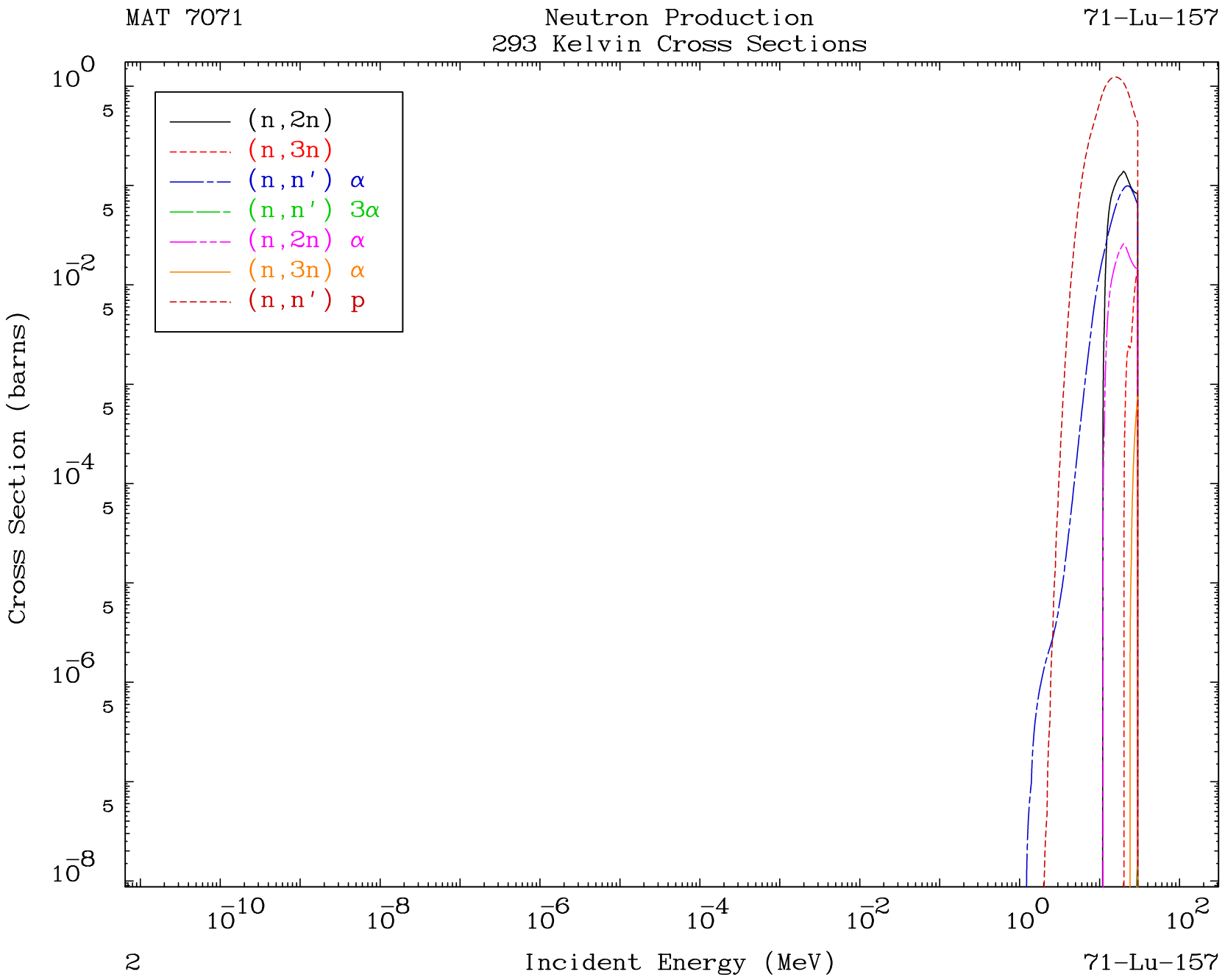
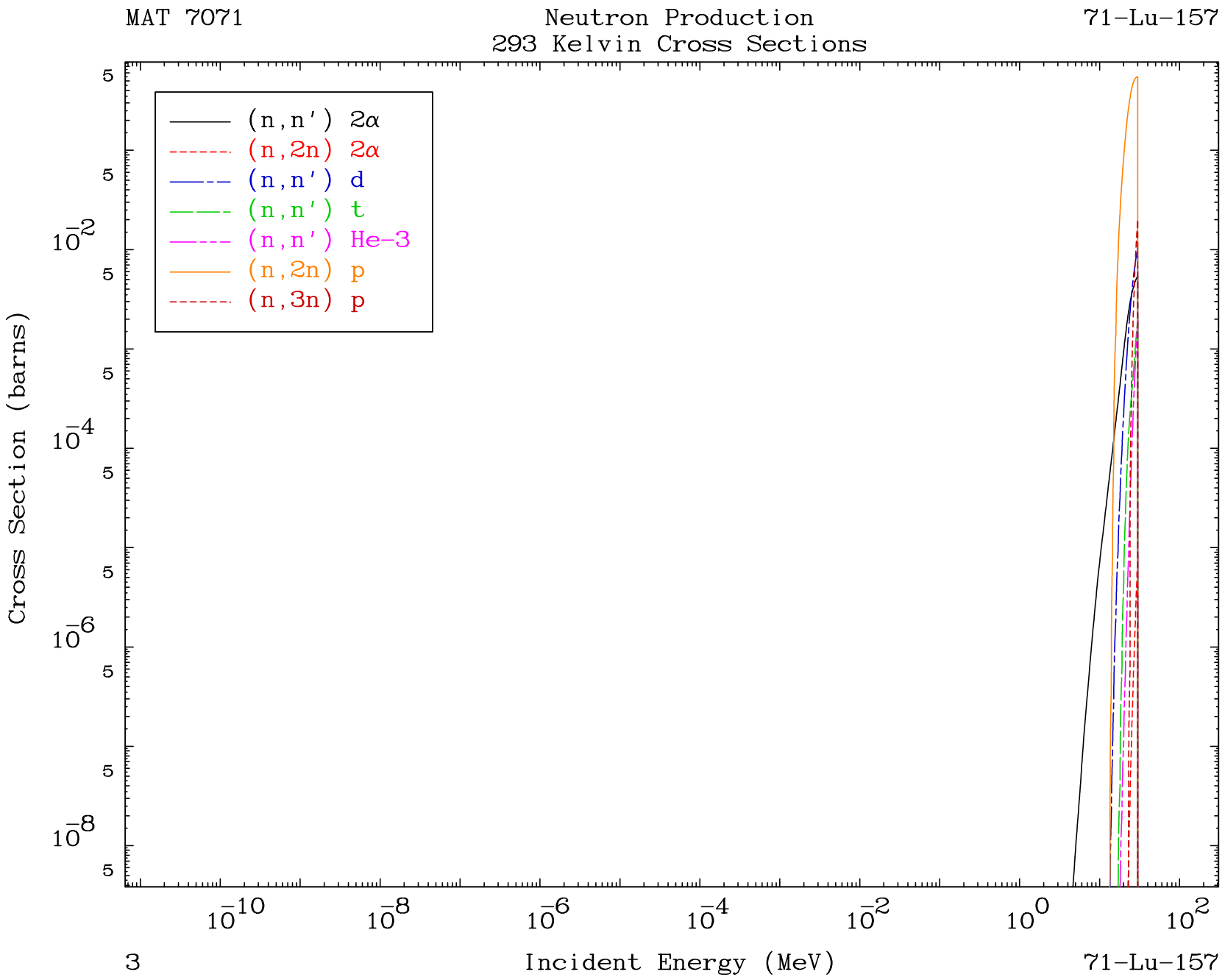
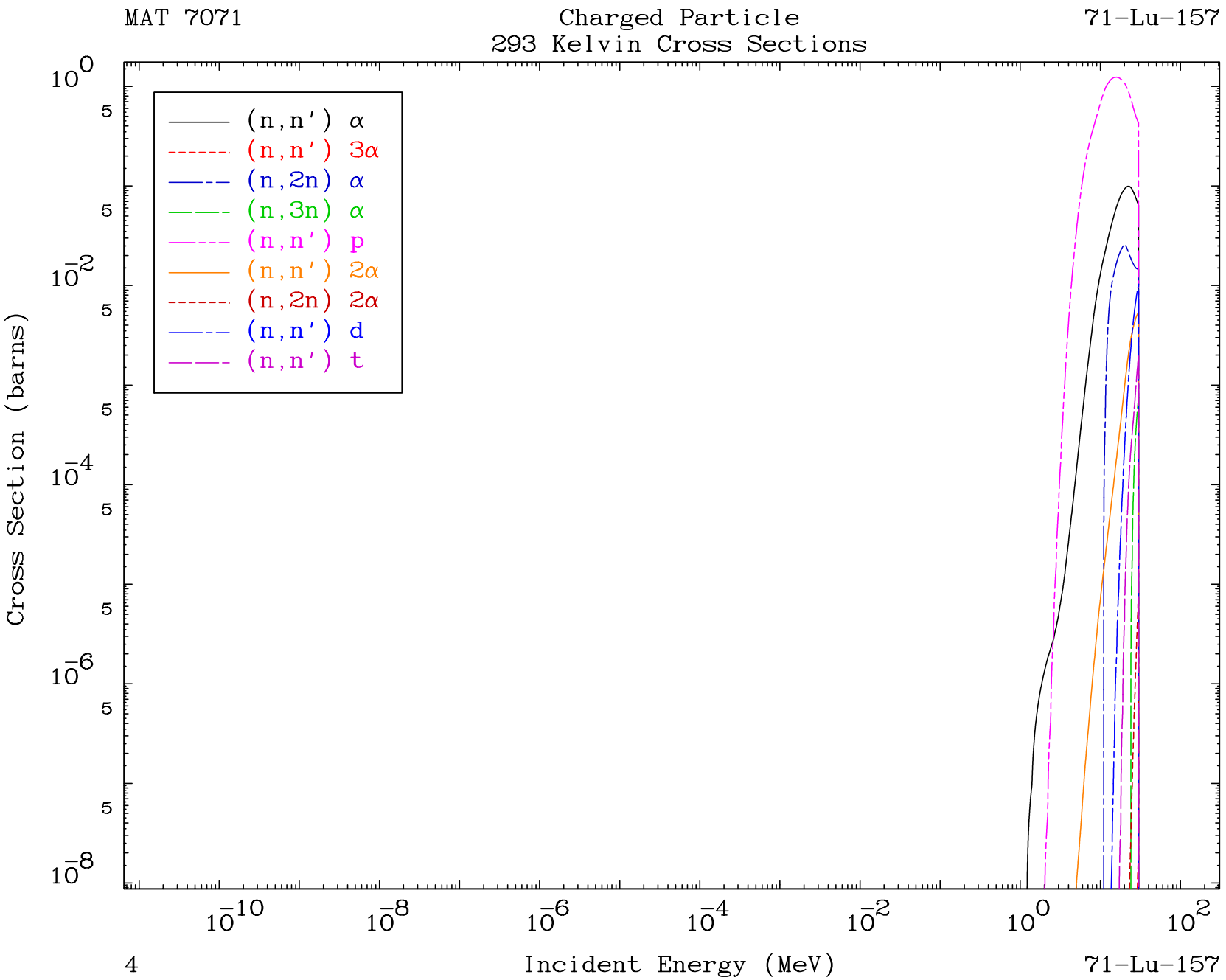
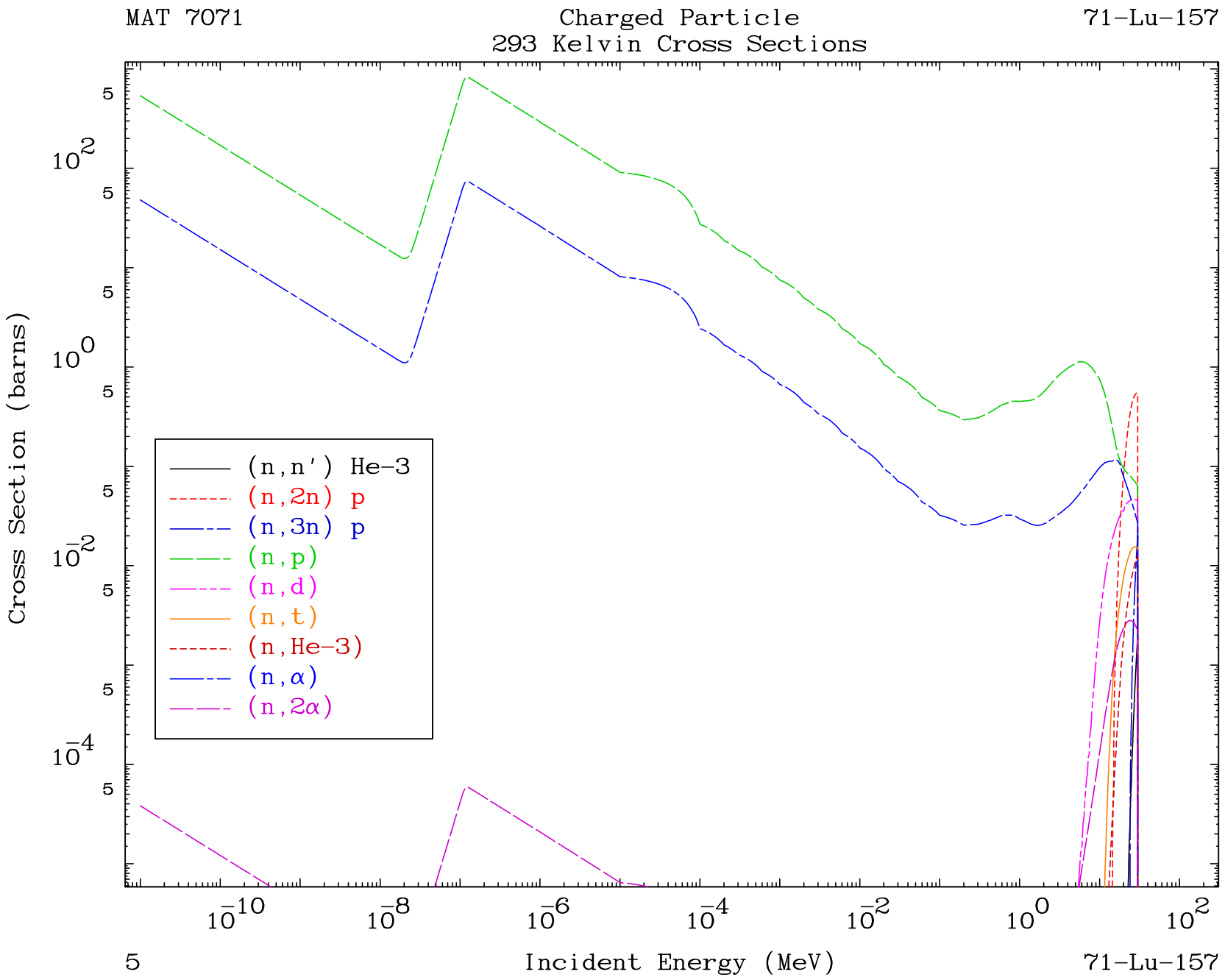
Press Mouse Button to Start

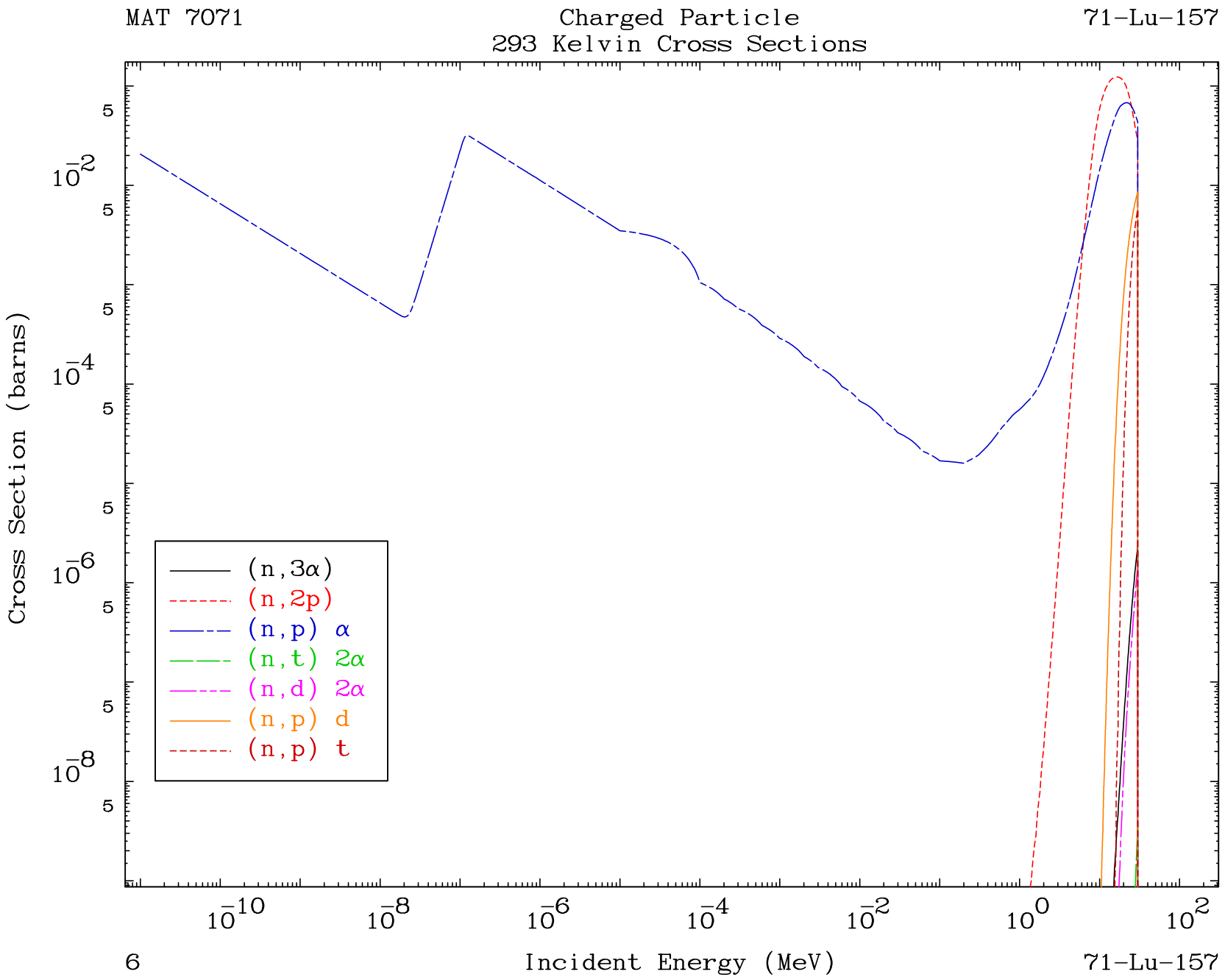

MAT 7071
Major
71-Lu-157
293 Kelvin Cross Sections
Cross Section (barns)
Incident Energy (MeV)
Total
Elastic
Inelastic
(n,remainder)
(n,γ)
1
71-Lu-157

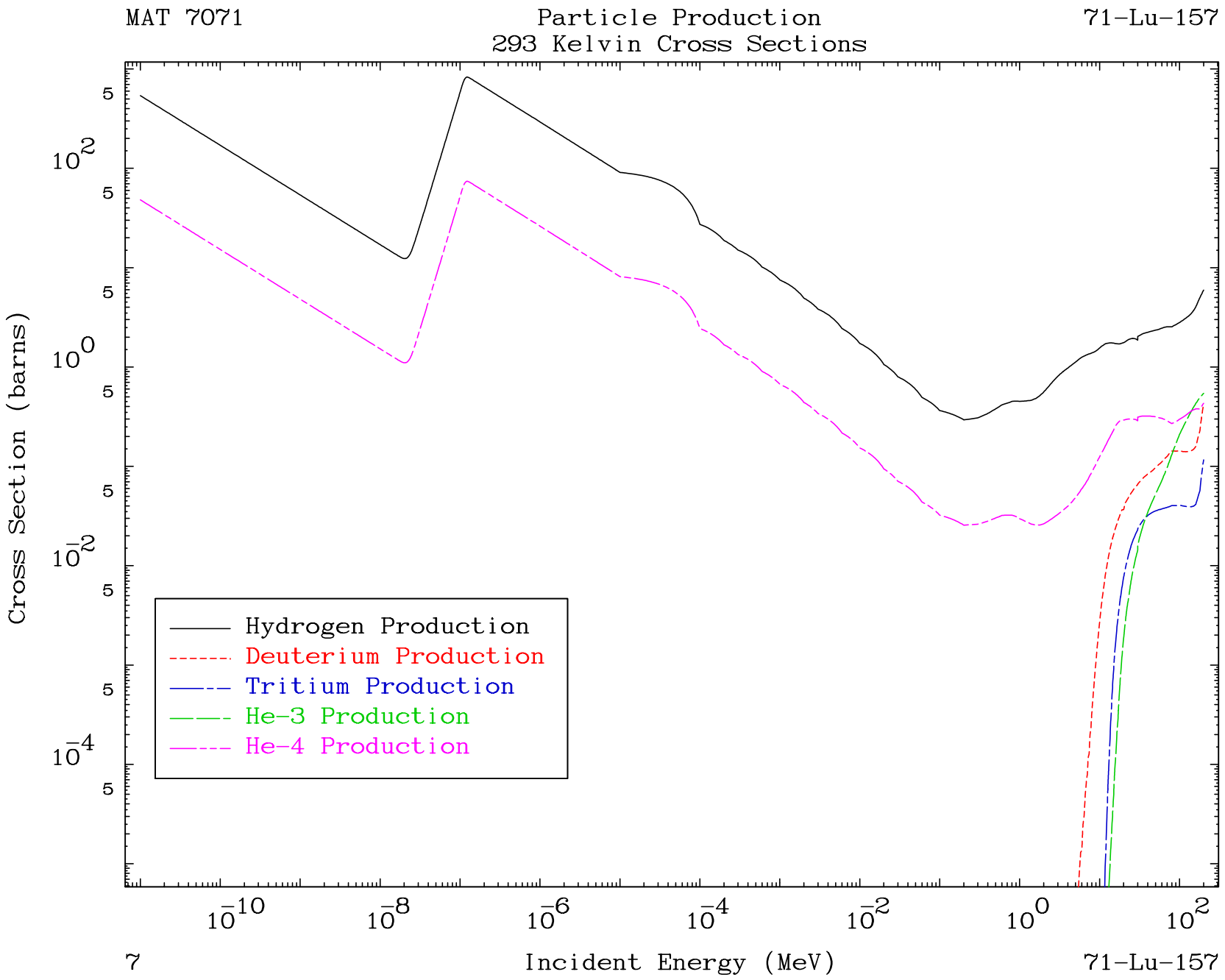

MAT 7071
Neutron Production
293 Kelvin Cross Sections
71-Lu-157
(n,2n)
(n,3n)
(n,n') α
(n,n') 3α
(n,2n) α
(n,3n) α
(n,n') p
Cross Section (barns)
Incident Energy (MeV)
2
71-Lu-157

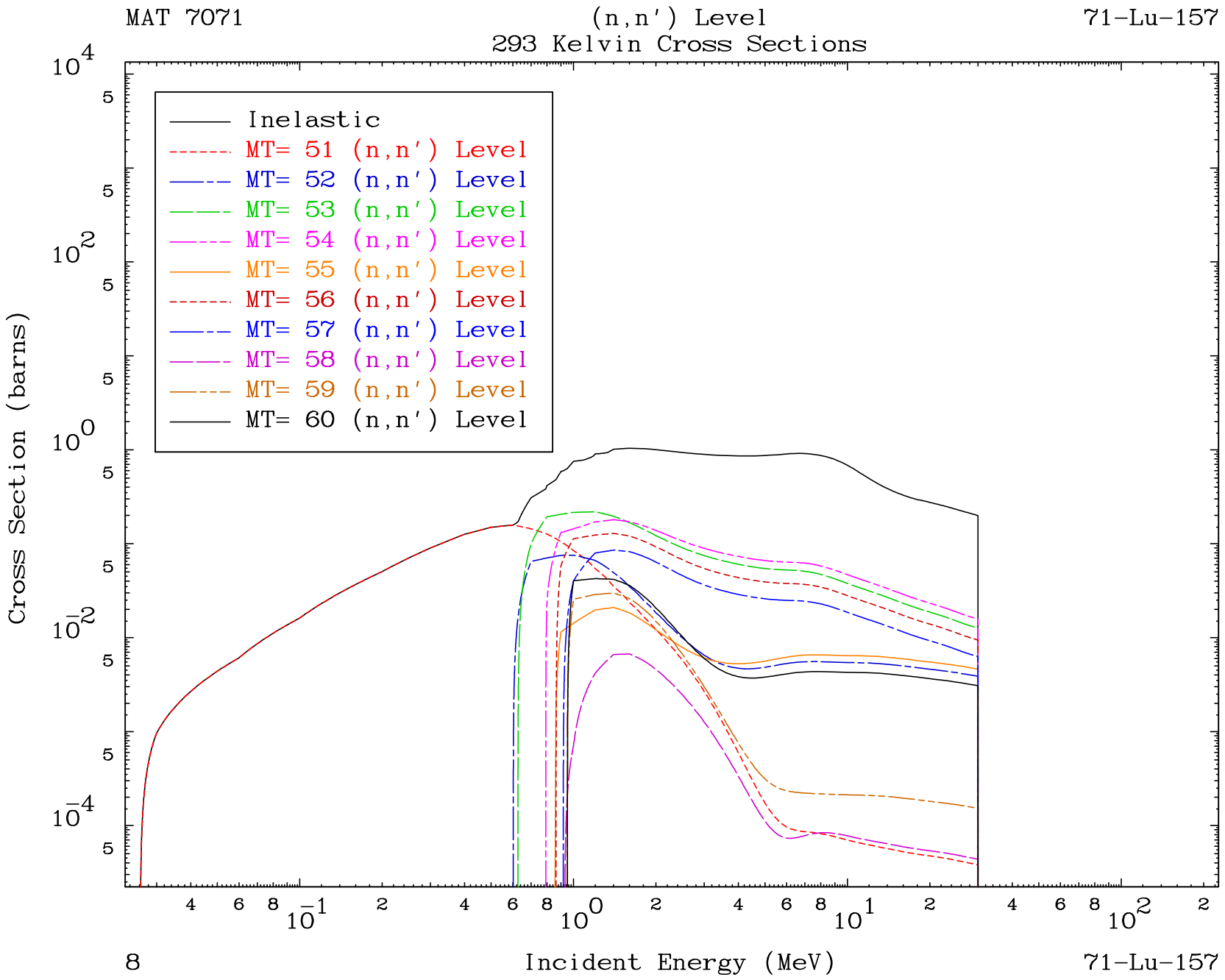

MAT 7071
Neutron Production
293 Kelvin Cross Sections
71-Lu-157
(n,n') 2α
(n,2n) 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
71-Lu-157

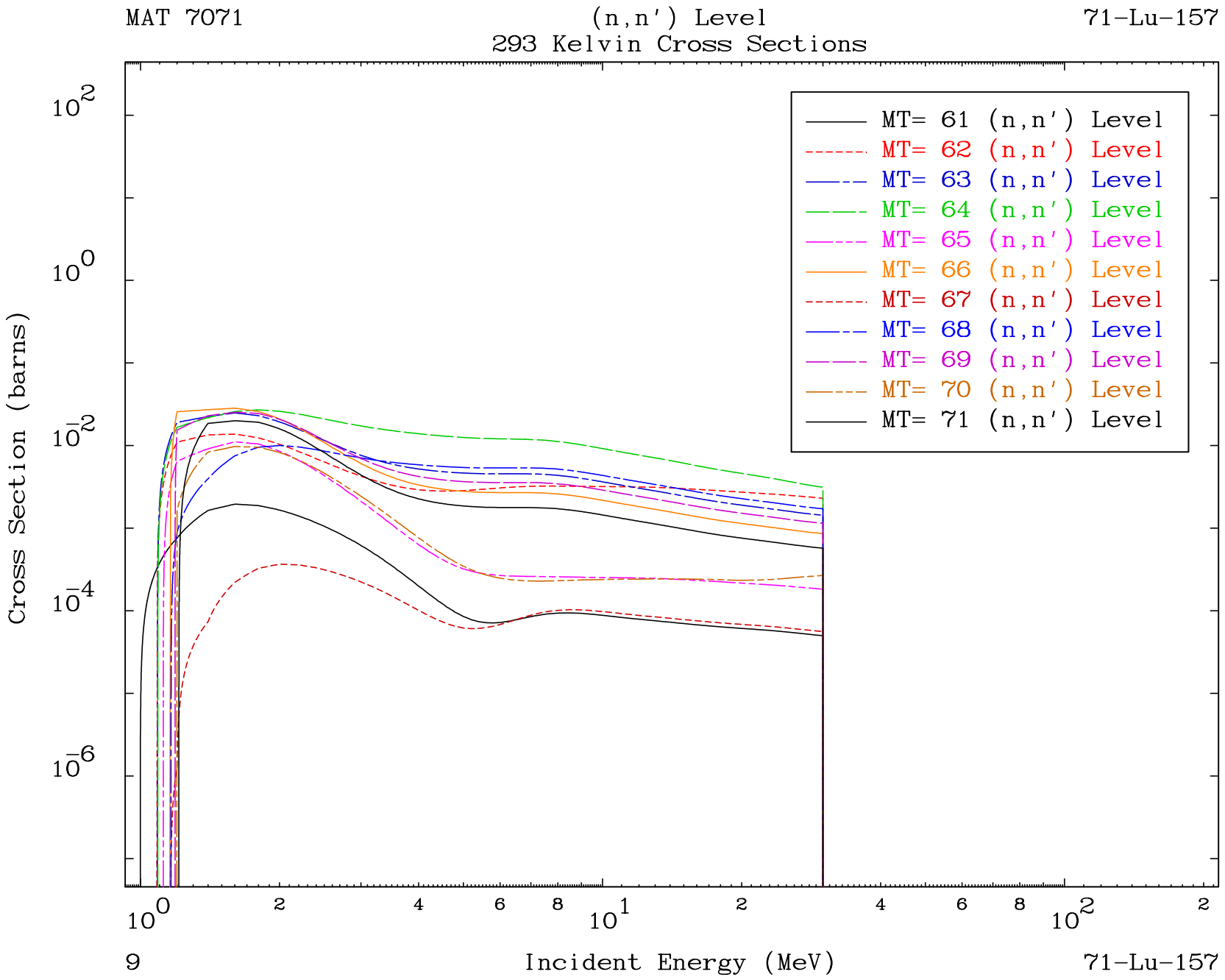

MAT 7071
Charged Particle
293 Kelvin Cross Sections
71-Lu-157
(n,n') α
(n,n') 3α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
4
71-Lu-157

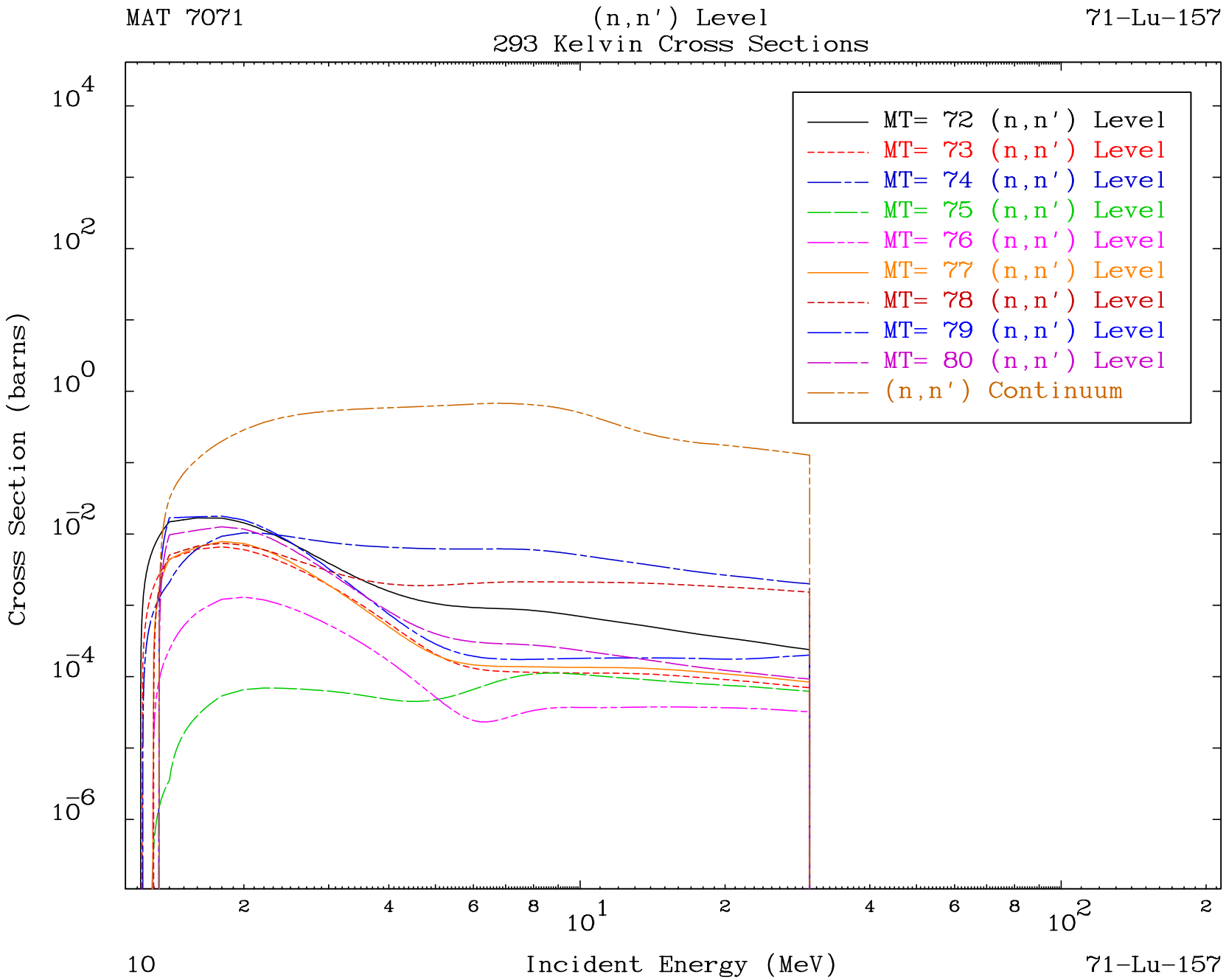

MAT 7071
Charged Particle
293 Kelvin Cross Sections
71-Lu-157
Cross Section (barns)
Incident Energy (MeV)
71-Lu-157
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)

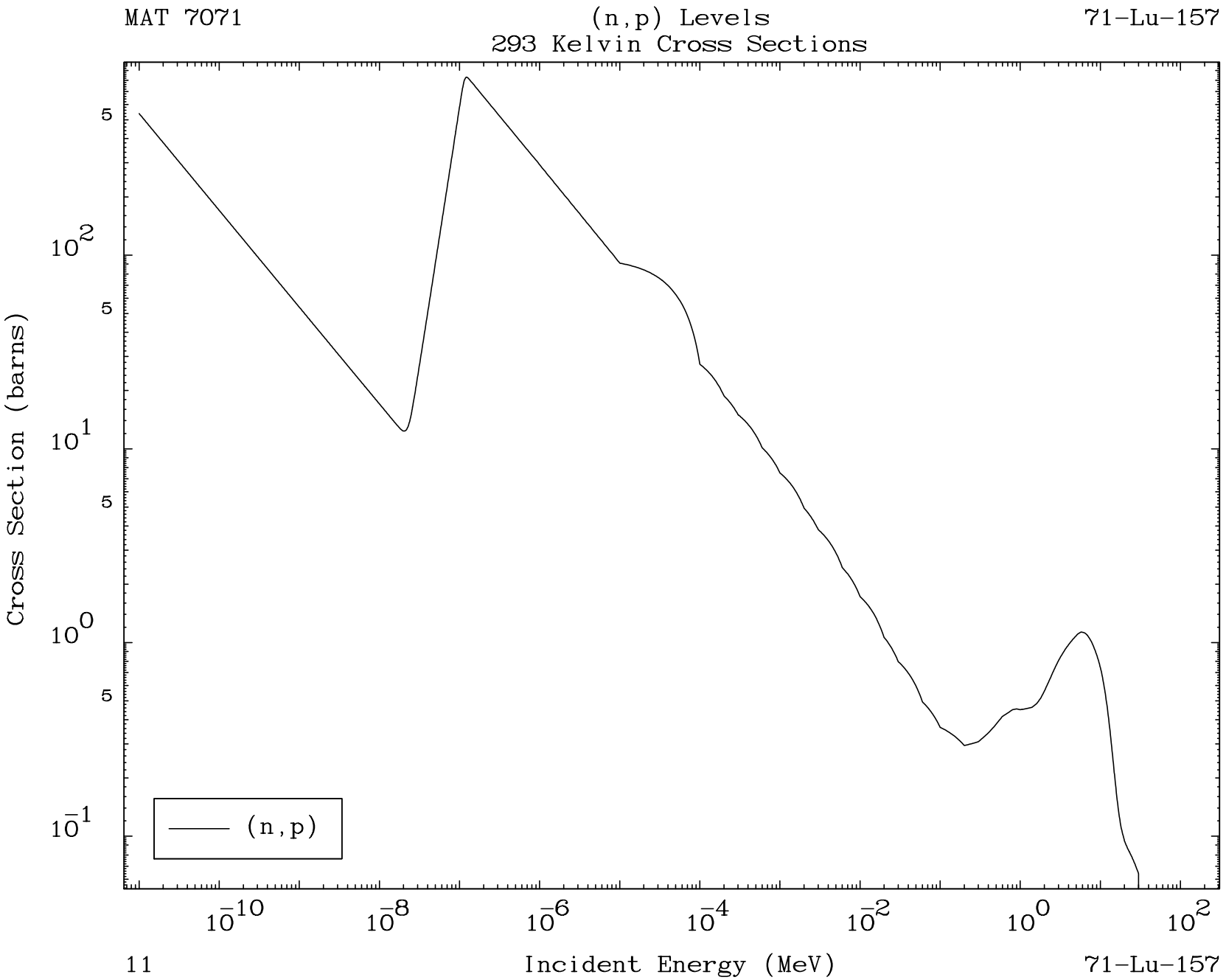

MAT 7071
Charged Particle
293 Kelvin Cross Sections
71-Lu-157
Cross Section (barns)
Incident Energy (MeV)
(n,3α)
(n,2p)
(n,p) α
(n,t) 2α
(n,d) 2α
(n,p) d
(n,p) t
6
71-Lu-157

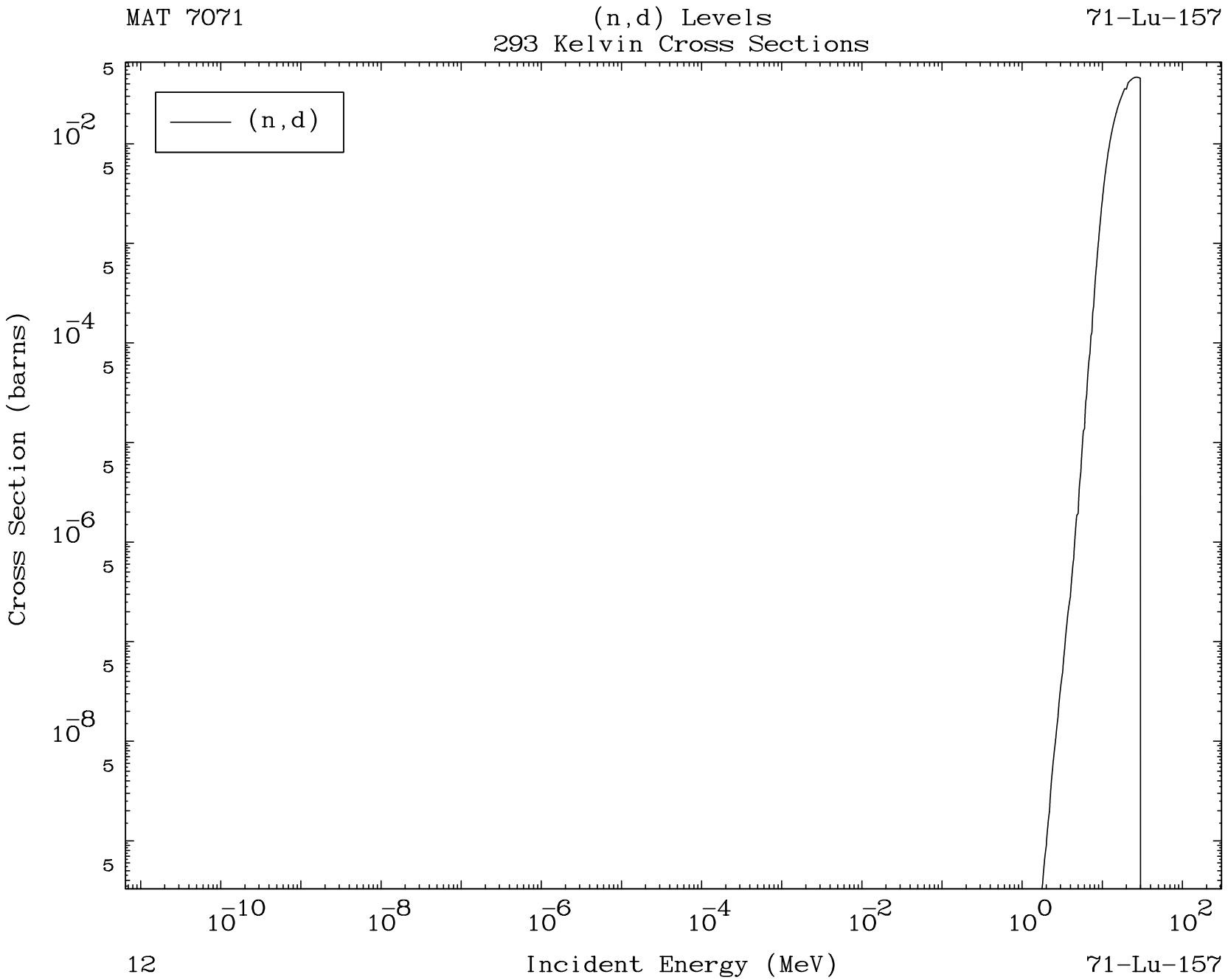

MAT 7071
Particle Production
293 Kelvin Cross Sections
71-Lu-157
Cross Section (barns)
Incident Energy (MeV)
Hydrogen Production
Deuterium Production
Tritium Production
He-3 Production
He-4 Production
7
71-Lu-157

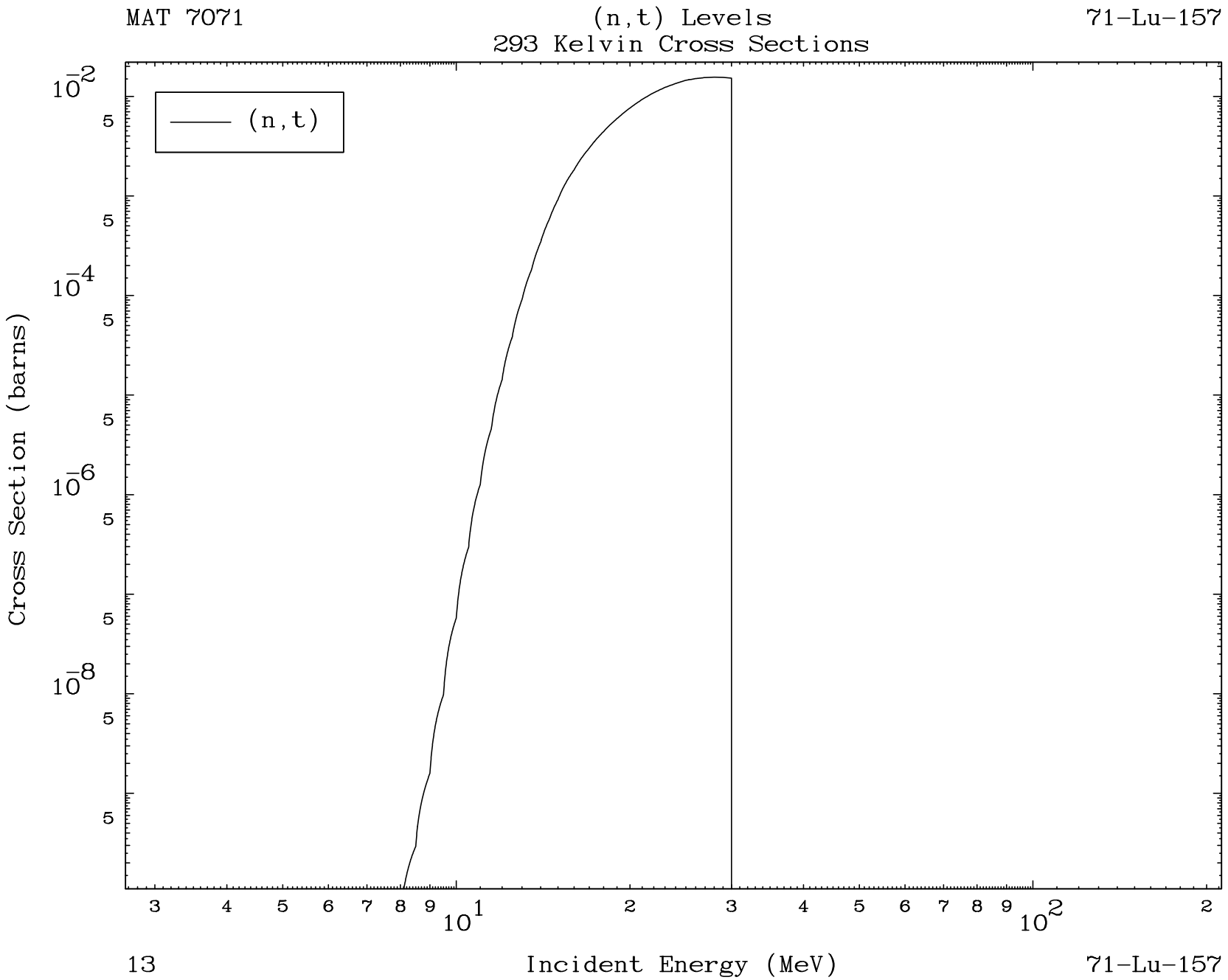

MAT 7071
(n,n') Level
71-Lu-157
293 Kelvin Cross Sections
Inelastic
MT= 51 (n,n') Level
MT= 52 (n,n') Level
MT= 53 (n,n') Level
MT= 54 (n,n') Level
MT= 55 (n,n') Level
MT= 56 (n,n') Level
MT= 57 (n,n') Level
MT= 58 (n,n') Level
MT= 59 (n,n') Level
MT= 60 (n,n') Level
Cross Section (barns)
Incident Energy (MeV)
8
71-Lu-157

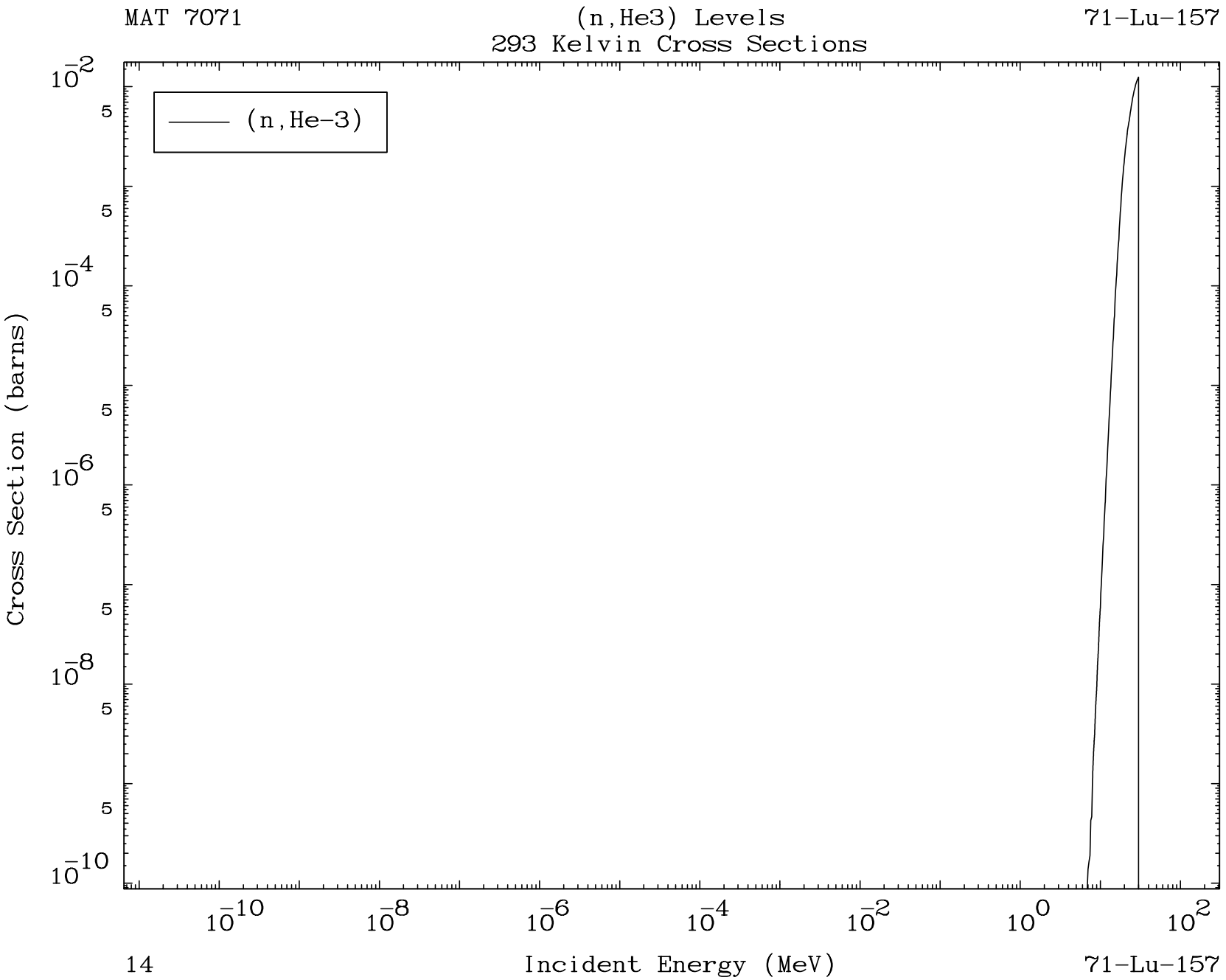

MAT 7071
(n,n') Level
293 Kelvin Cross Sections
71-Lu-157
Cross Section (barns)
10^2
10^0
10^-2
10^-4
10^-6
MT= 61 (n,n') Level
MT= 62 (n,n') Level
MT= 63 (n,n') Level
MT= 64 (n,n') Level
MT= 65 (n,n') Level
MT= 66 (n,n') Level
MT= 67 (n,n') Level
MT= 68 (n,n') Level
MT= 69 (n,n') Level
MT= 70 (n,n') Level
MT= 71 (n,n') Level
10^0
2
4
6
8
10^1
2
4
6
8
10^2
2
Incident Energy (MeV)
9
71-Lu-157

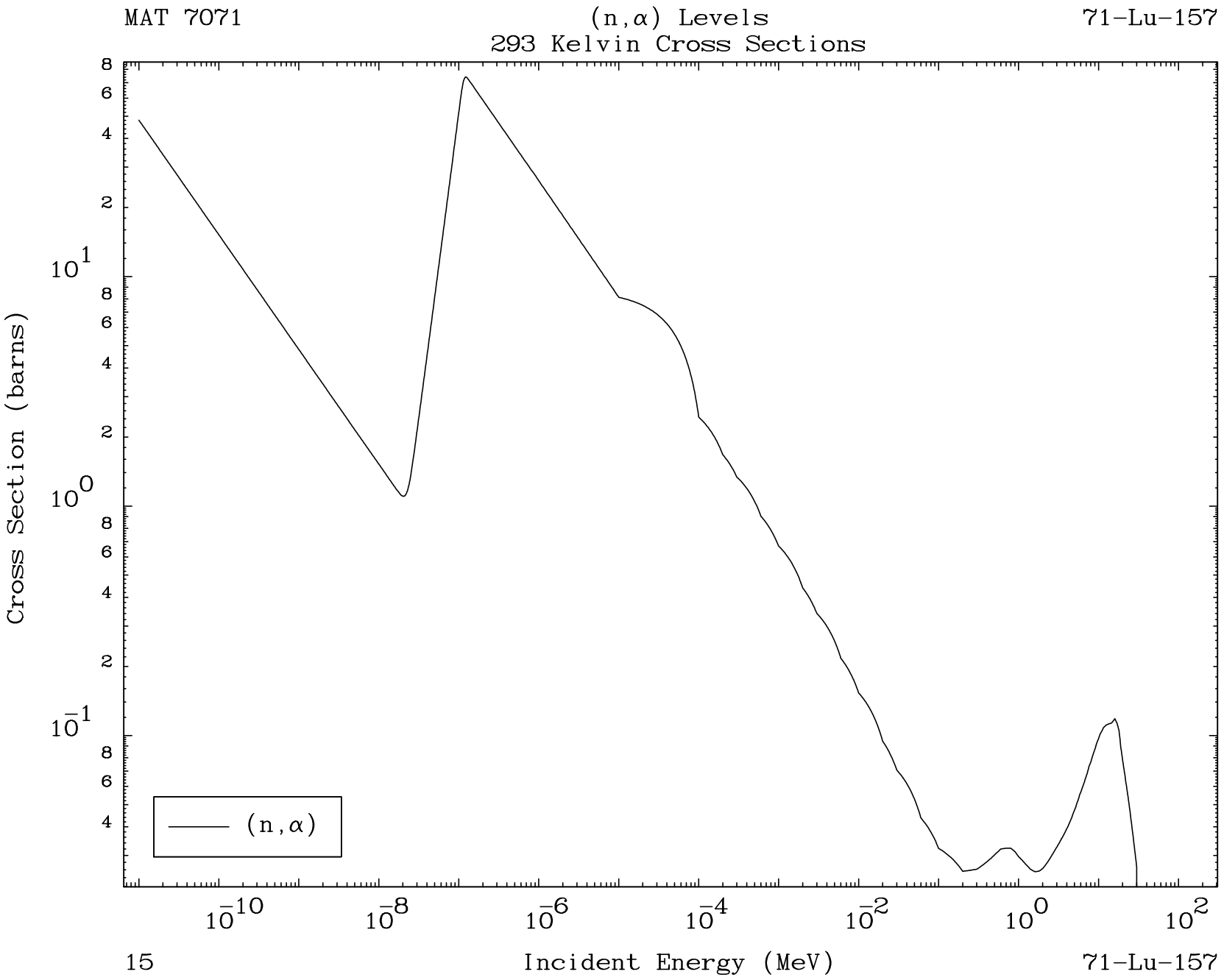

MAT 7071
(n,n') Level
293 Kelvin Cross Sections
71-Lu-157
MT= 72 (n,n') Level
MT= 73 (n,n') Level
MT= 74 (n,n') Level
MT= 75 (n,n') Level
MT= 76 (n,n') Level
MT= 77 (n,n') Level
MT= 78 (n,n') Level
MT= 79 (n,n') Level
MT= 80 (n,n') Level
(n,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
71-Lu-157

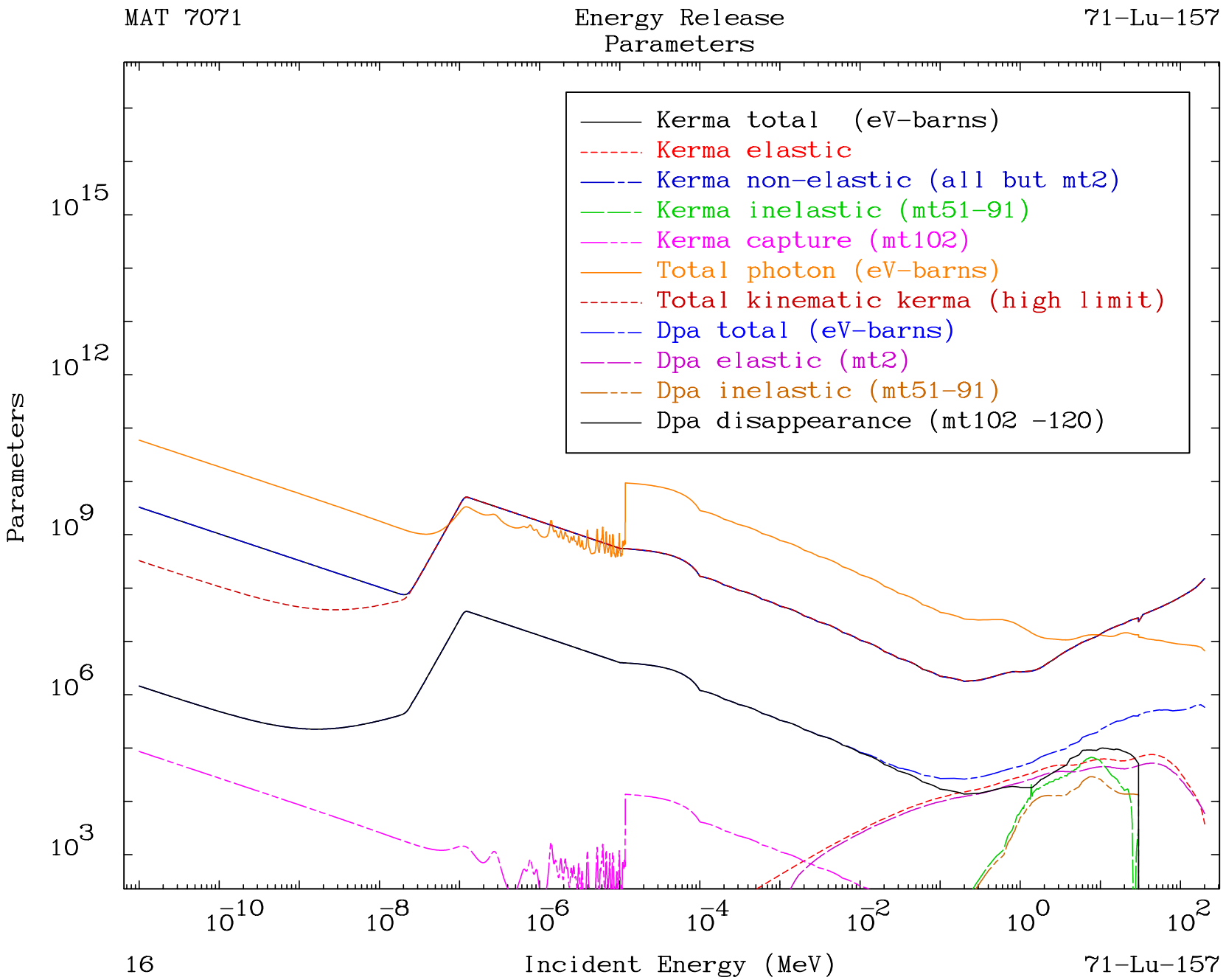

MAT 7071
(n,p) Levels
71-Lu-157
293 Kelvin Cross Sections
Cross Section (barns)
10^2
10^1
10^0
10^-1
5
(n,p)
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
11
Incident Energy (MeV)
71-Lu-157

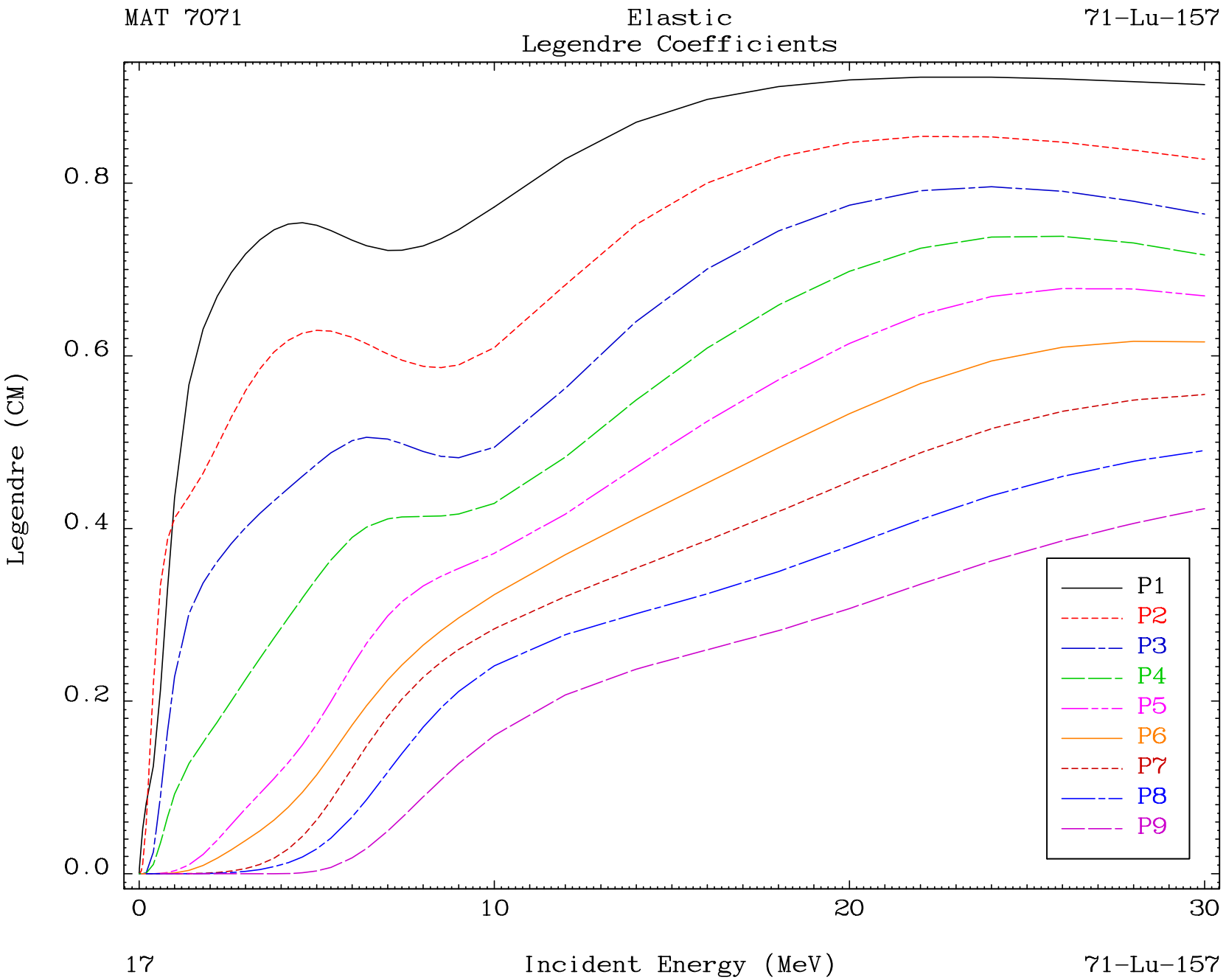

MAT 7071
(n,d) Levels
71-Lu-157
293 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
12
71-Lu-157

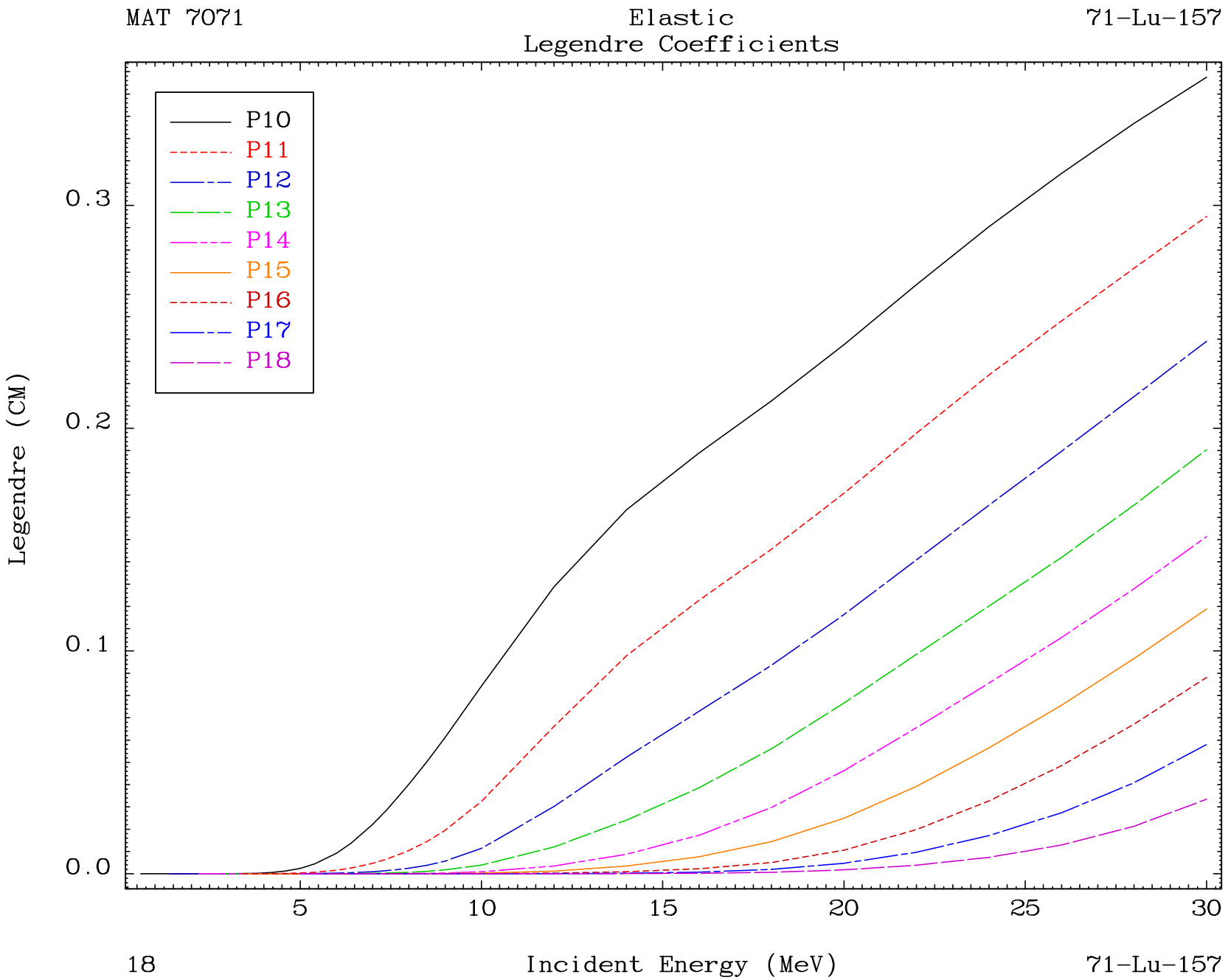

MAT 7071
(n,t) Levels
71-Lu-157
293 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
13
71-Lu-157

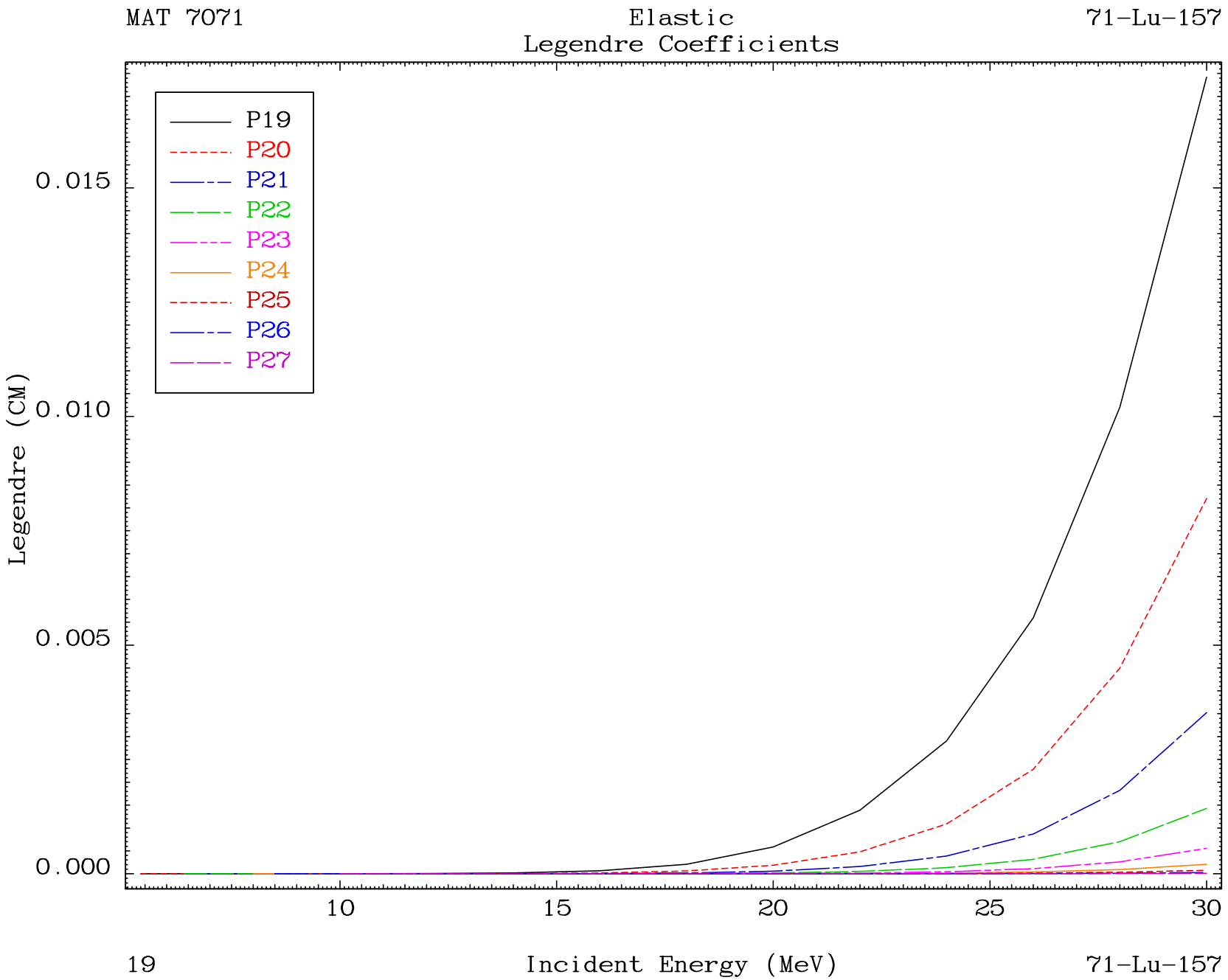

MAT 7071
(n,He3) Levels
71-Lu-157
293 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
14
71-Lu-157

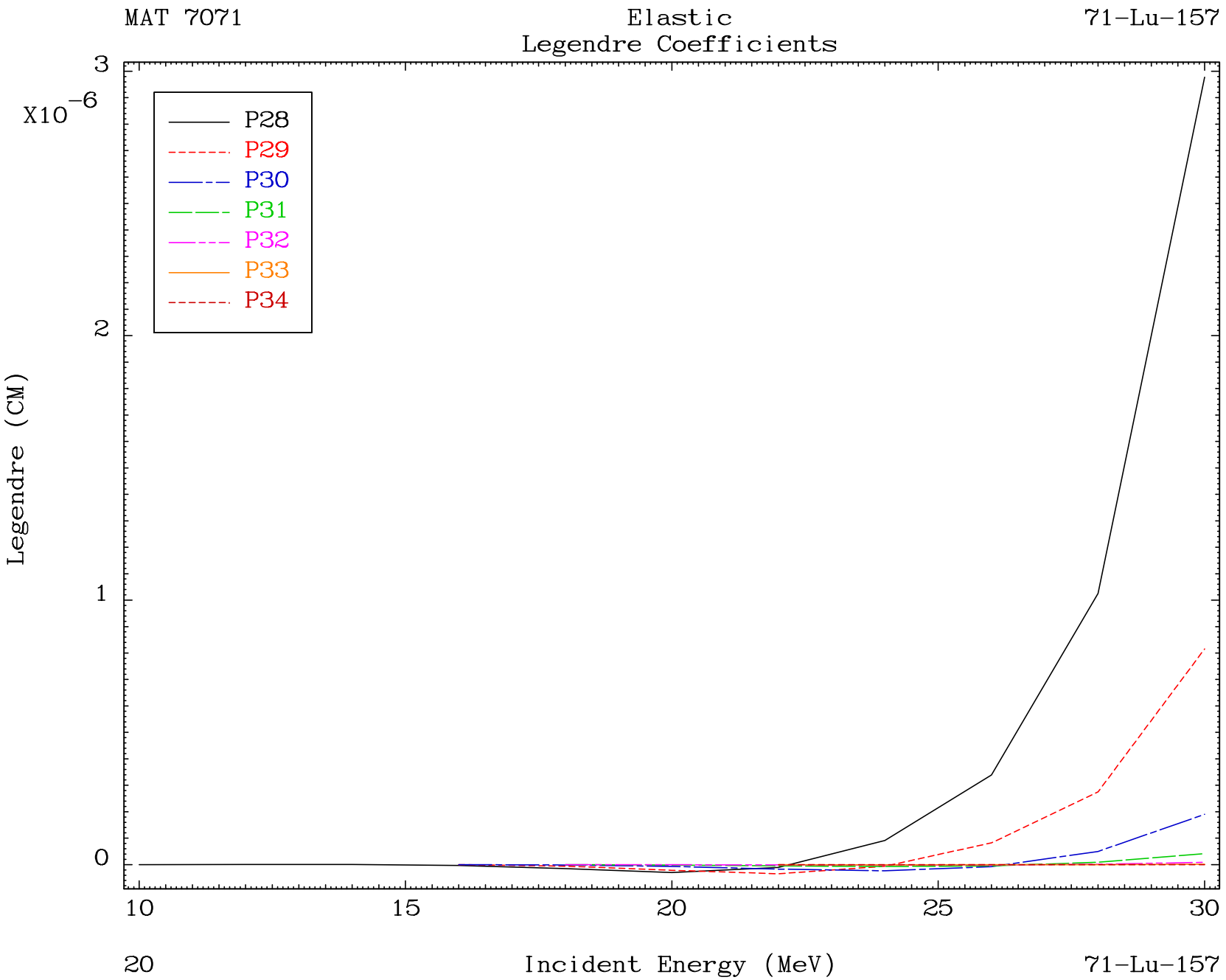

MAT 7071
(n,α) Levels
71-Lu-157
293 Kelvin Cross Sections
Cross Section (barns)
(n,α)
Incident Energy (MeV)
15
71-Lu-157

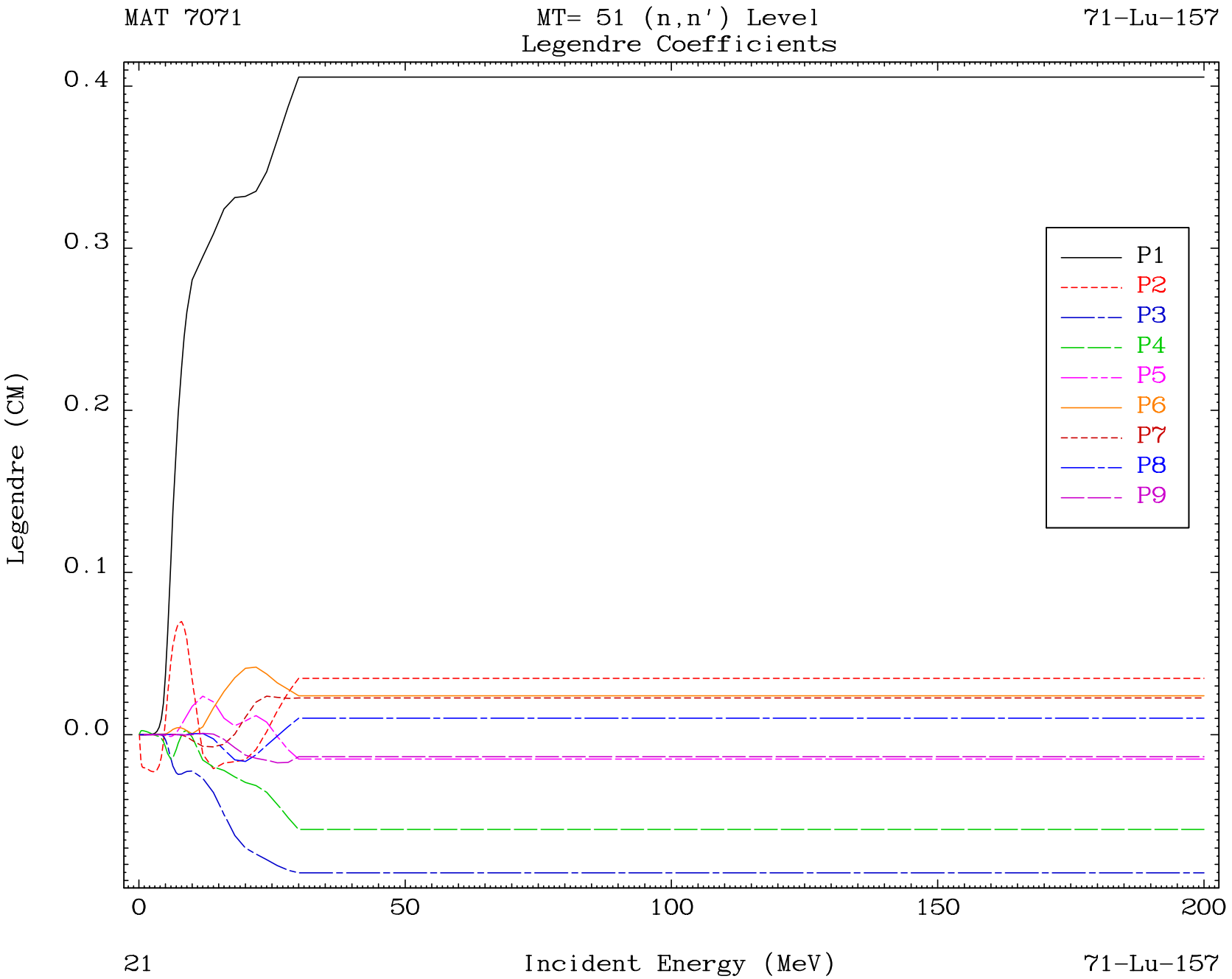

MAT 7071
Energy Release
Parameters
71-Lu-157
Kerma total (eV-barns)
Kerma elastic
Kerma non-elastic (all but mt2)
Kerma inelastic (mt51-91)
Kerma capture (mt102)
Total photon (eV-barns)
Total kinematic kerma (high limit)
Dpa total (eV-barns)
Dpa elastic (mt2)
Dpa inelastic (mt51-91)
Dpa disappearance (mt102 -120)
Parameters
10^15
10^12
10^9
10^6
10^3
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
16
Incident Energy (MeV)
71-Lu-157

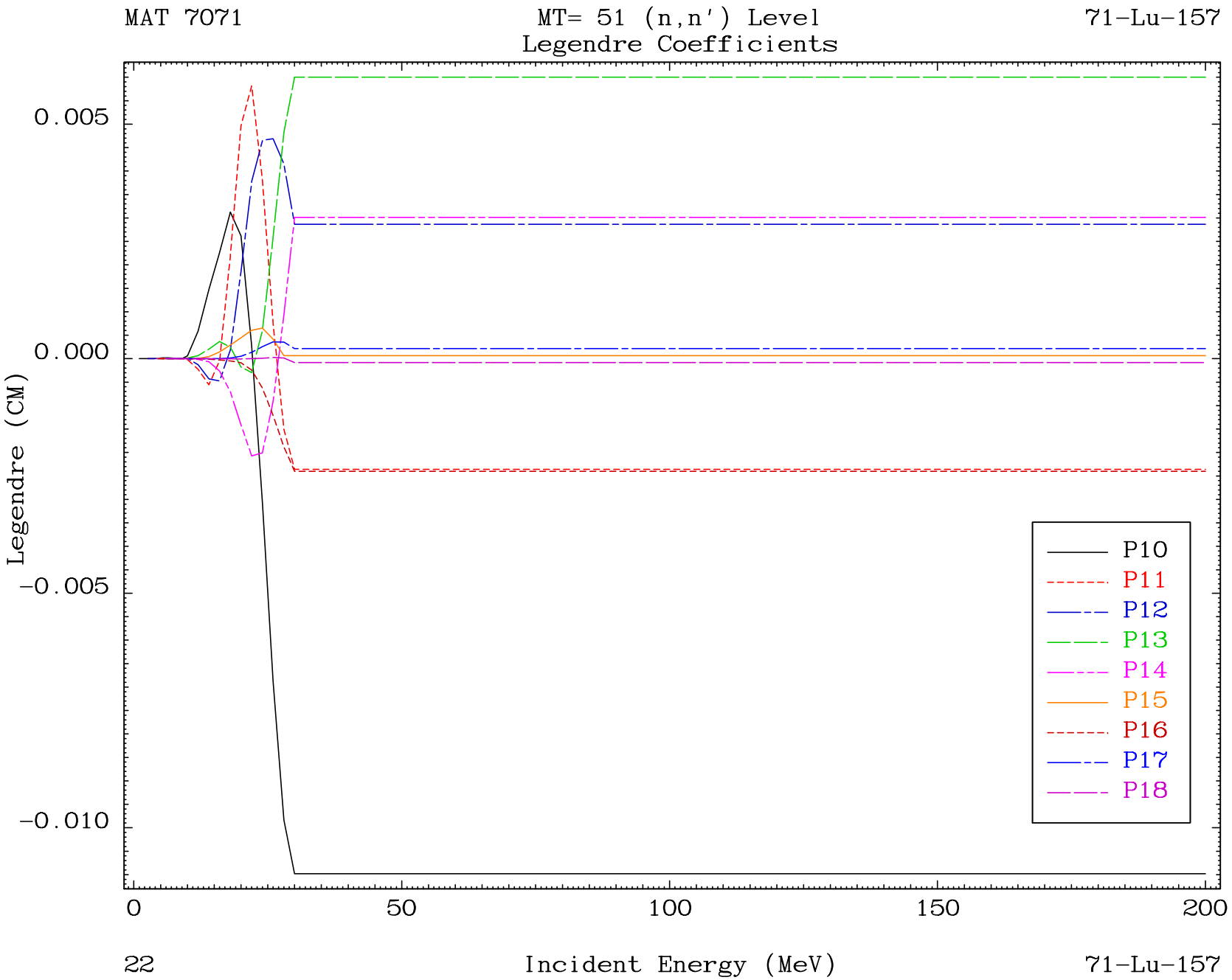

MAT 7071
Elastic
Legendre Coefficients
71-Lu-157
Legendre (CM)
0.0
0.2
0.4
0.6
0.8
0
10
20
30
17
Incident Energy (MeV)
71-Lu-157
P1
P2
P3
P4
P5
P6
P7
P8
P9

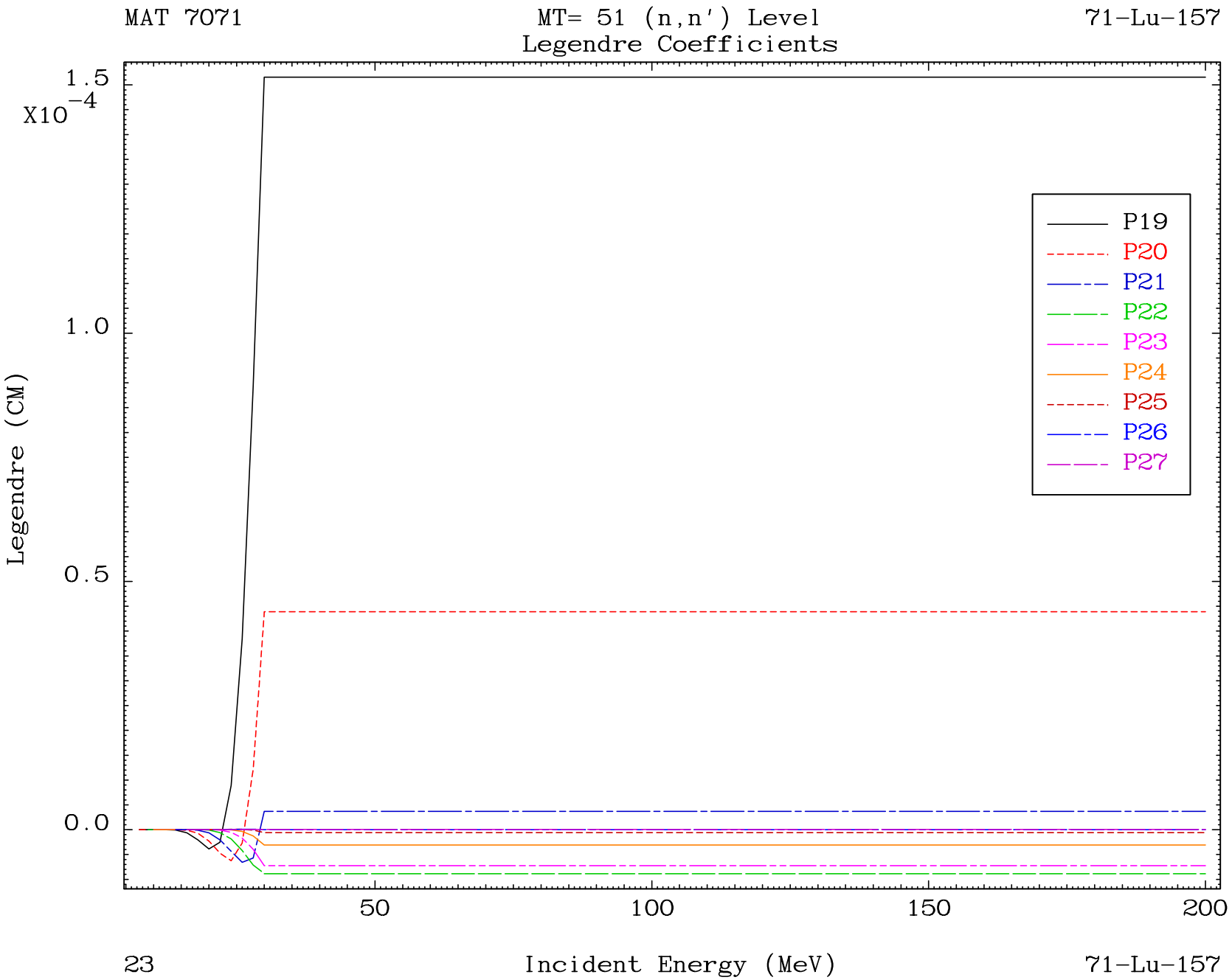

MAT 7071
Elastic
Legendre Coefficients
71-Lu-157
P10
P11
P12
P13
P14
P15
P16
P17
P18
Legendre (CM)
0.0
0.1
0.2
0.3
5
10
15
20
25
30
18
Incident Energy (MeV)
71-Lu-157

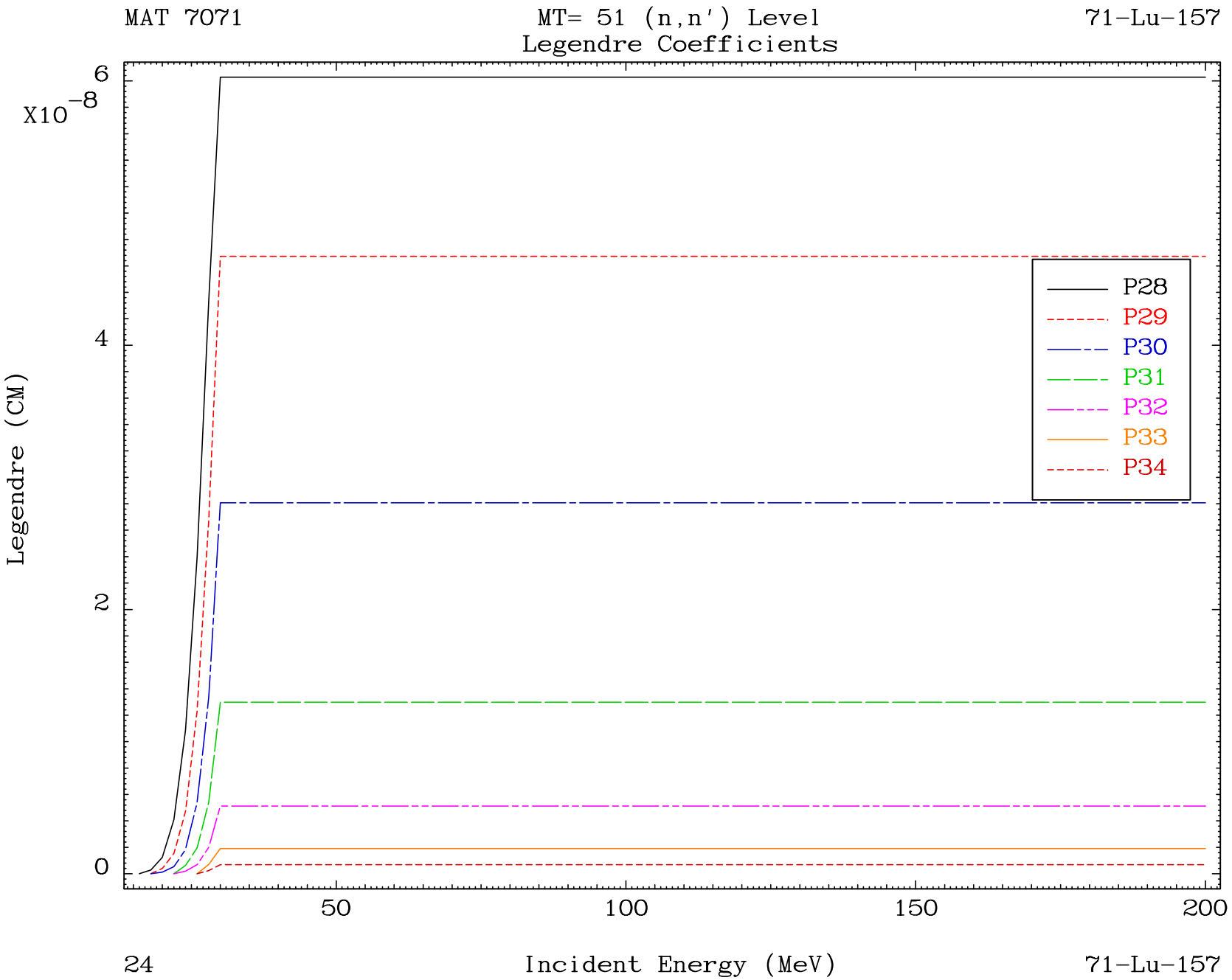

MAT 7071
Elastic
Legendre Coefficients
71-Lu-157
P19
P20
P21
P22
P23
P24
P25
P26
P27
0.015
0.010
0.005
0.000
Legendre (CM)
10
15
20
25
30
19
Incident Energy (MeV)
71-Lu-157

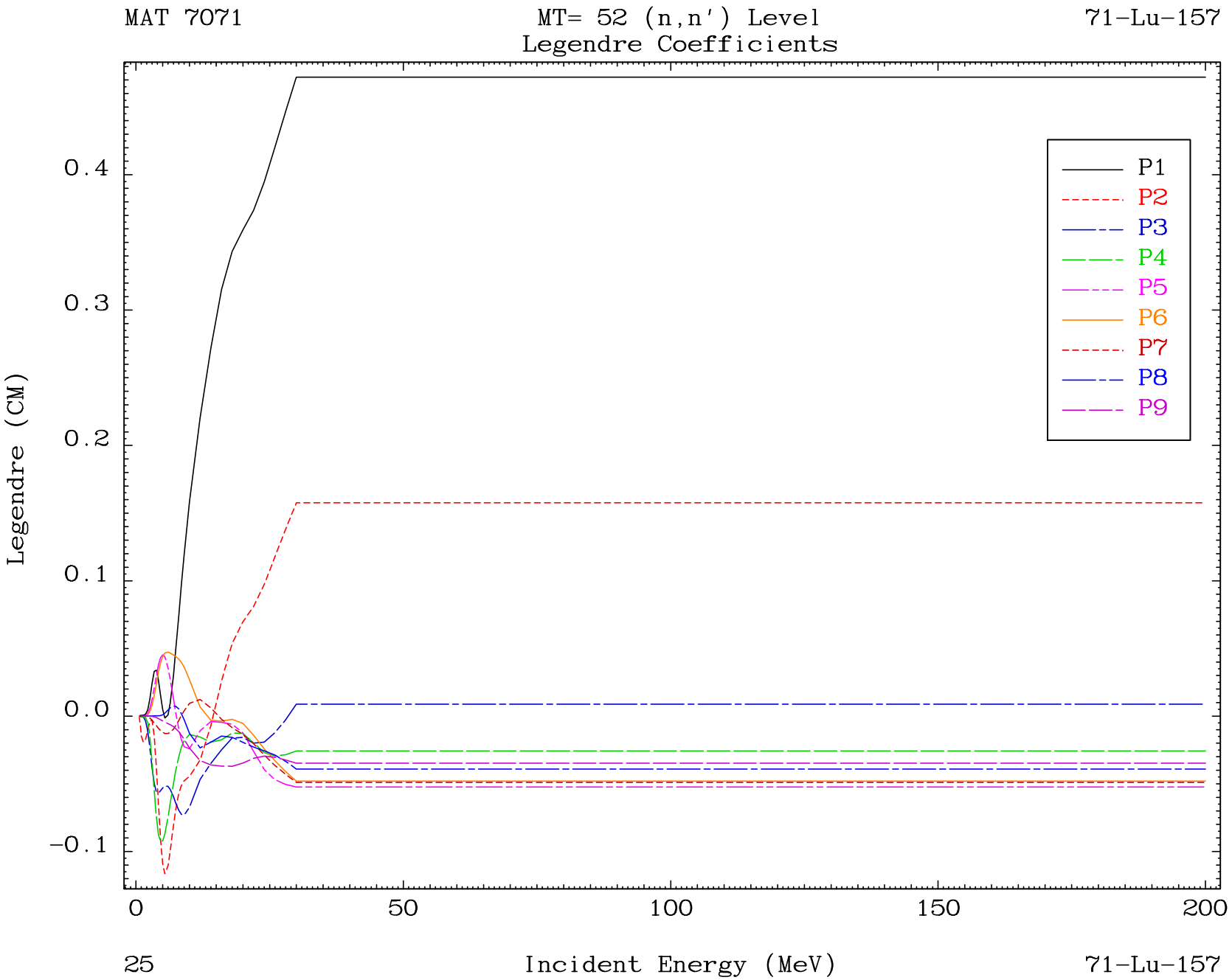

MAT 7071
Elastic
Legendre Coefficients
71-Lu-157
X10^-6
3
2
1
0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
10
15
20
25
30
20
Incident Energy (MeV)
71-Lu-157

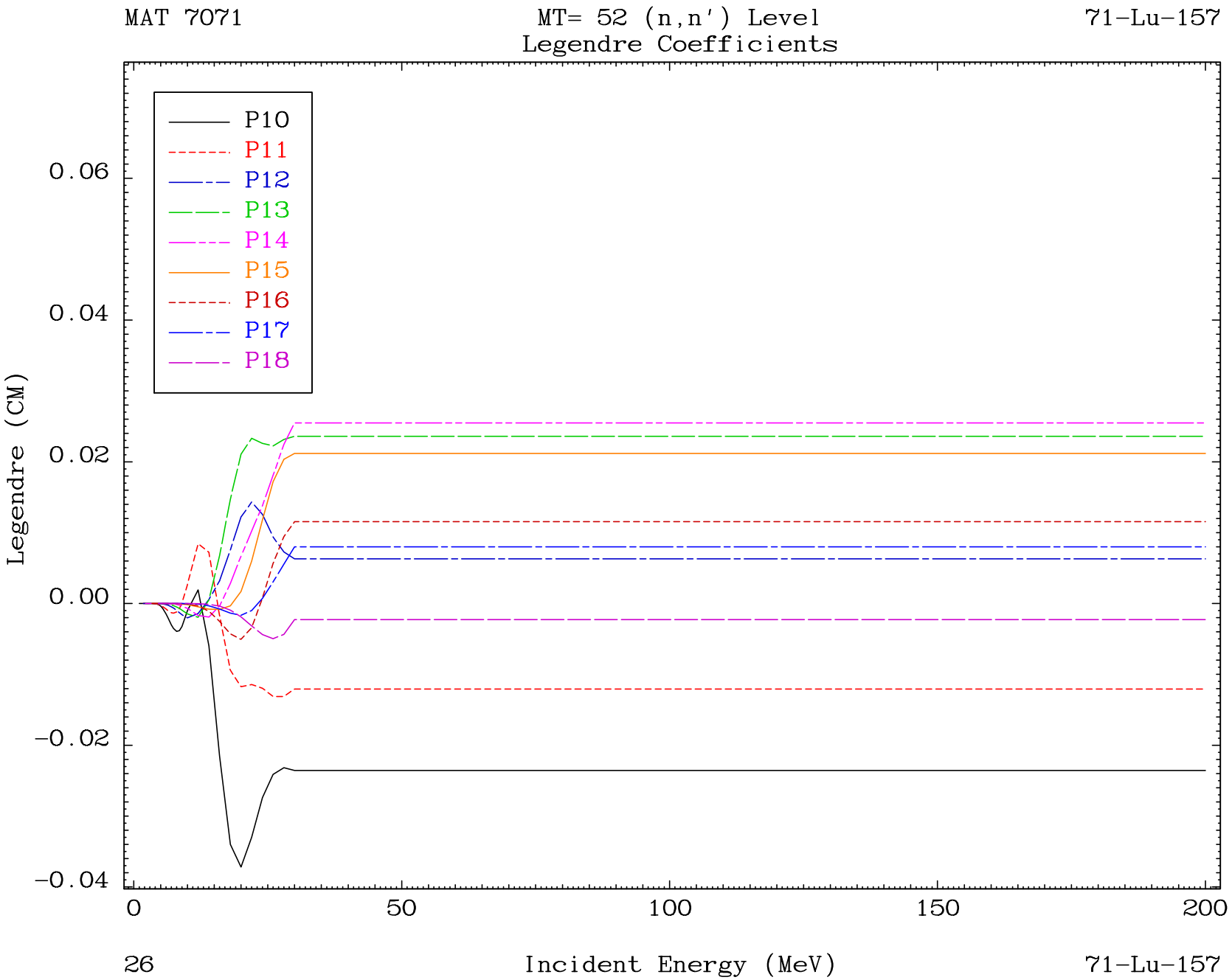

MAT 7071
MT= 51 (n,n') Level
Legendre Coefficients
71-Lu-157
0.4
0.3
0.2
0.1
0.0
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
0
50
100
150
200
21
Incident Energy (MeV)
71-Lu-157

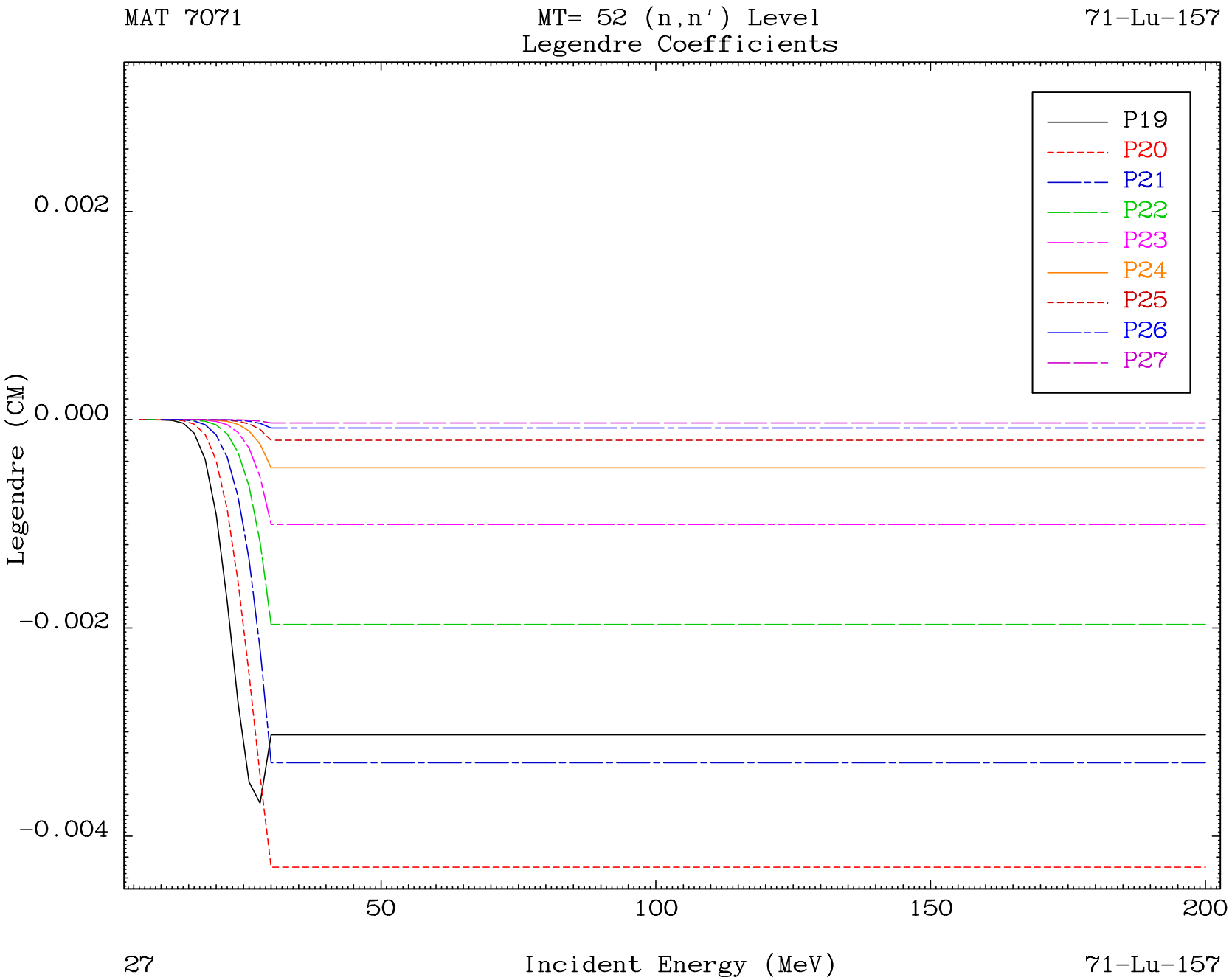

MAT 7071
MT= 51 (n,n') Level
Legendre Coefficients
71-Lu-157
0.005
0.000
-0.005
-0.010
Legendre (CM)
0
50
100
150
200
22
Incident Energy (MeV)
71-Lu-157
P10
P11
P12
P13
P14
P15
P16
P17
P18

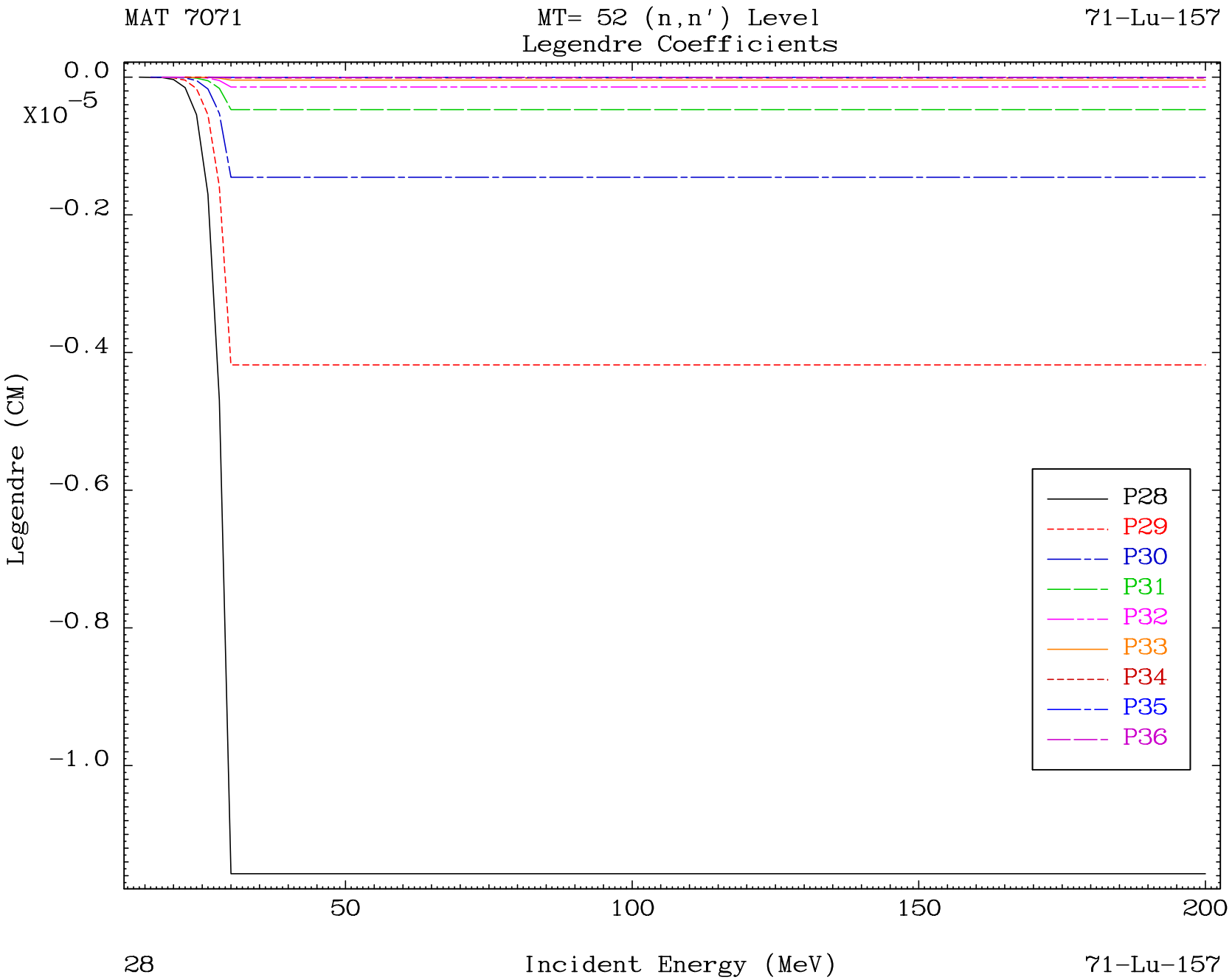

MAT 7071
MT= 51 (n,n') Level
Legendre Coefficients
71-Lu-157
X10 -4
1.5
1.0
0.5
0.0
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
P27
50
100
150
200
23
Incident Energy (MeV)
71-Lu-157

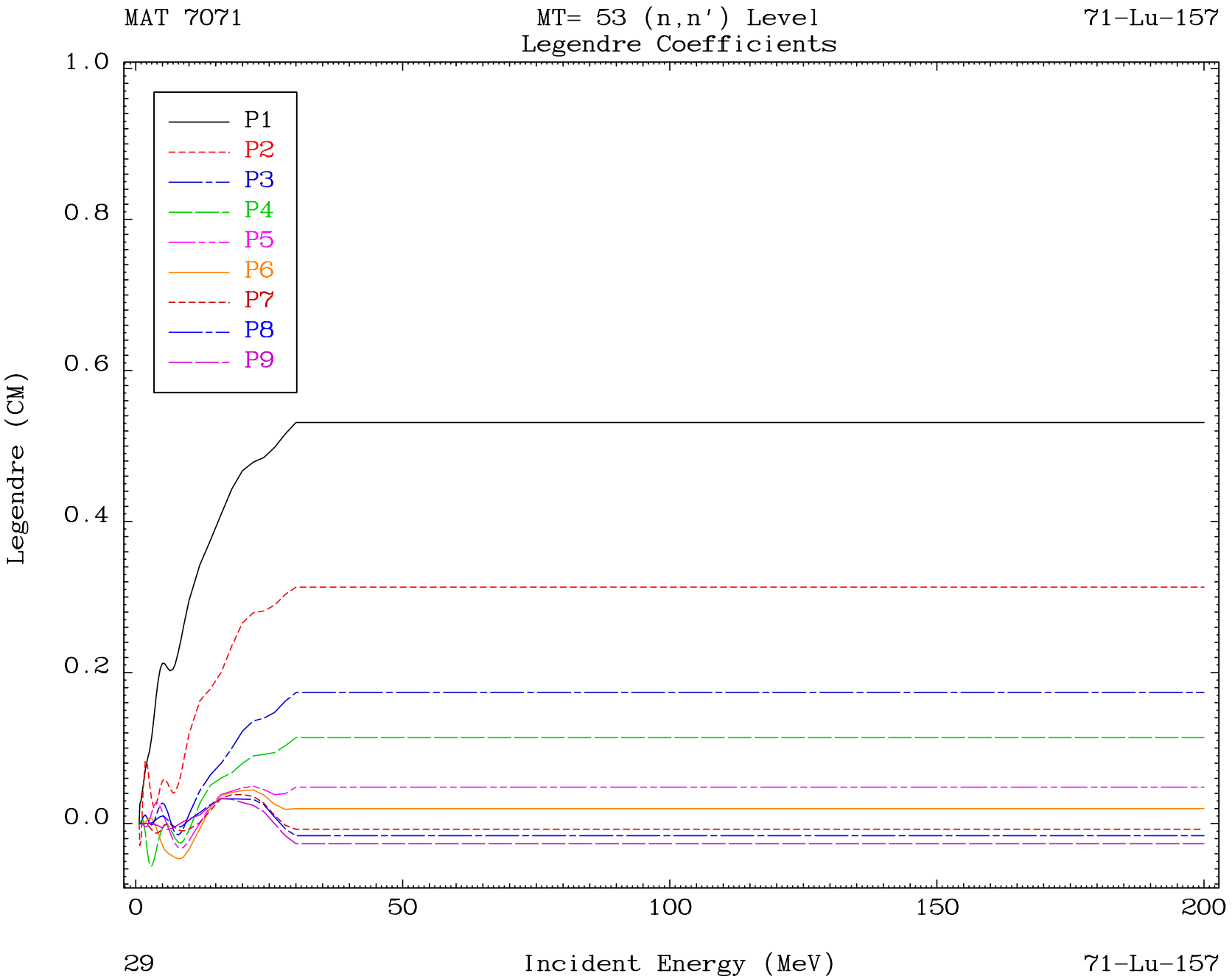

MAT 7071
MT= 51 (n,n') Level
Legendre Coefficients
71-Lu-157
X10 −8
6
4
2
0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
50
100
150
200
24
Incident Energy (MeV)
71-Lu-157

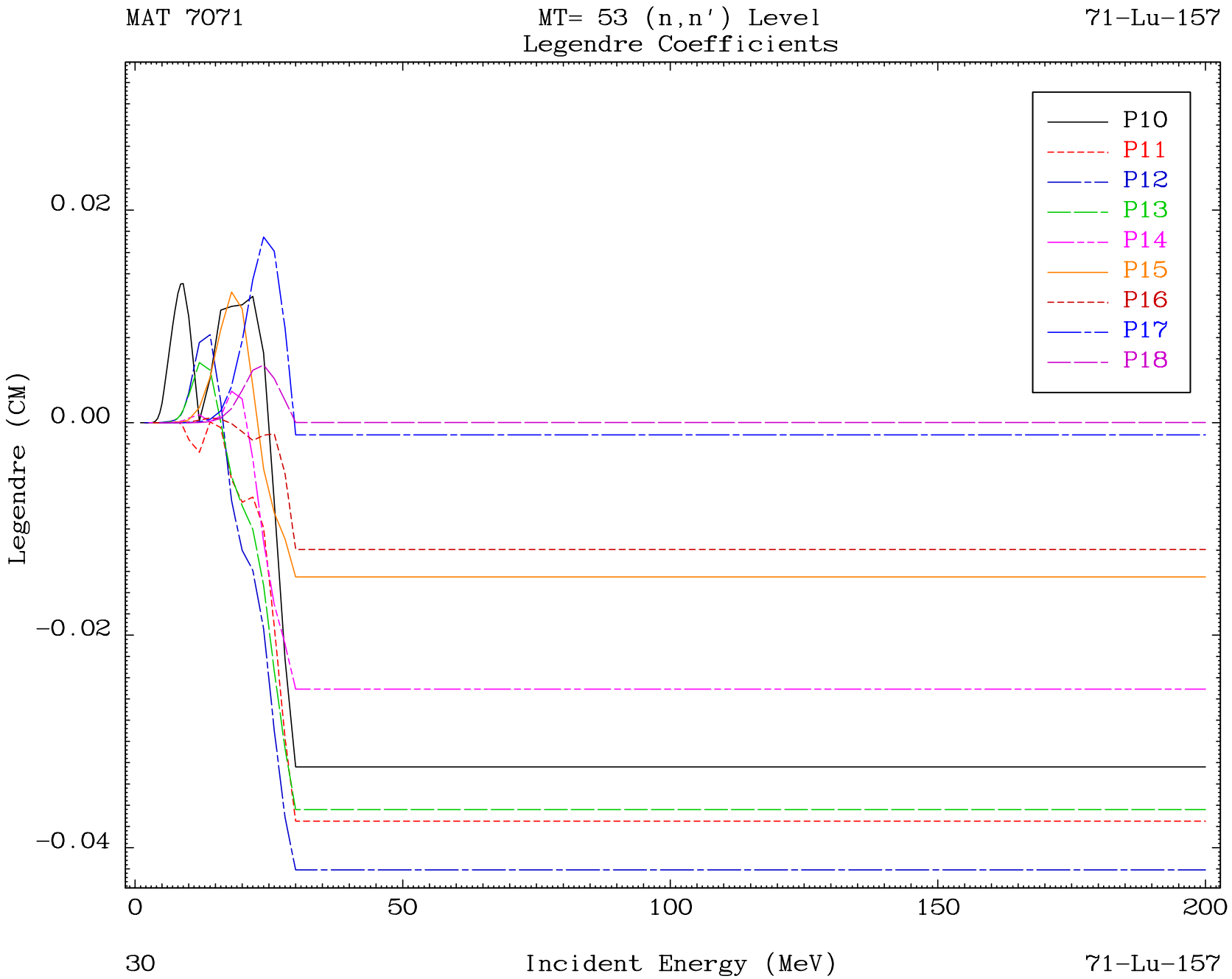

MAT 7071
MT= 52 (n,n') Level
Legendre Coefficients
71-Lu-157
Legendre (CM)
0.4
0.3
0.2
0.1
0.0
-0.1
0
50
100
150
200
25
Incident Energy (MeV)
71-Lu-157
P1
P2
P3
P4
P5
P6
P7
P8
P9

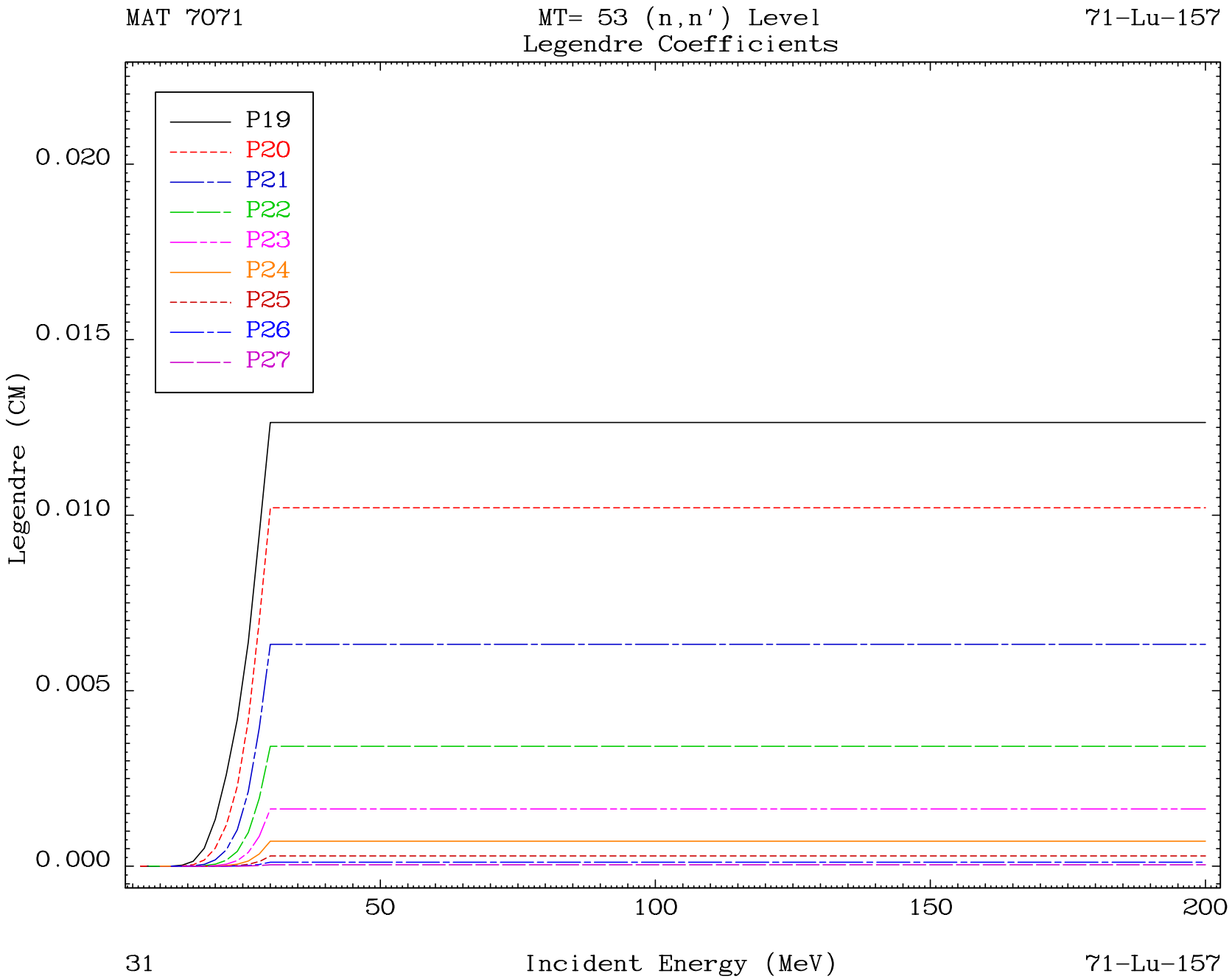

MAT 7071
MT= 52 (n,n') Level
Legendre Coefficients
71-Lu-157
P10
P11
P12
P13
P14
P15
P16
P17
P18
0.06
0.04
0.02
0.00
-0.02
-0.04
Legendre (CM)
0
50
100
150
200
26
Incident Energy (MeV)
71-Lu-157

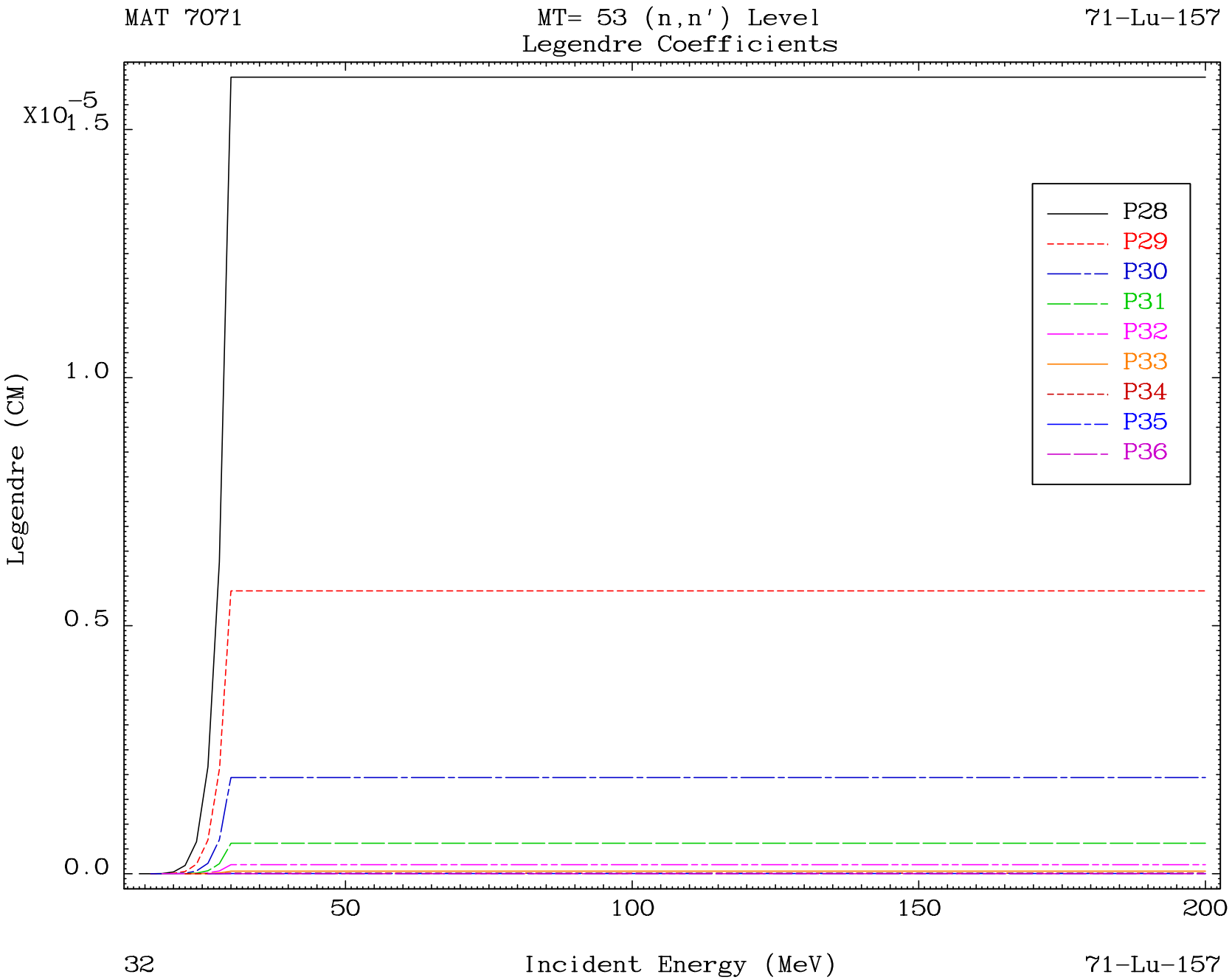

MAT 7071
MT= 52 (n,n') Level
Legendre Coefficients
71-Lu-157
P19
P20
P21
P22
P23
P24
P25
P26
P27
0.002
0.000
-0.002
-0.004
Legendre (CM)
50
100
150
200
27
Incident Energy (MeV)
71-Lu-157

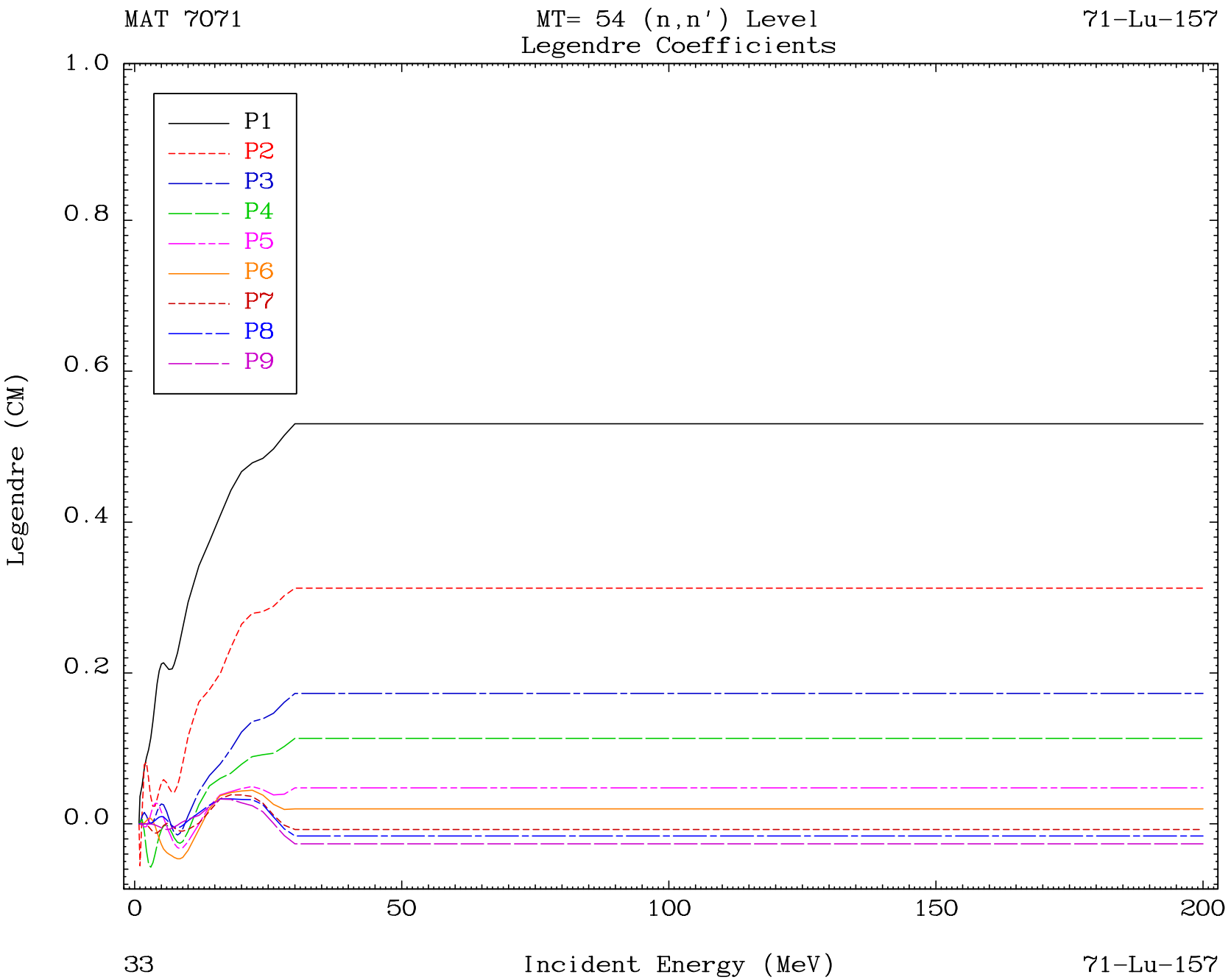

MAT 7071
MT= 52 (n,n') Level
Legendre Coefficients
71-Lu-157
0.0
X10^-5
-0.2
-0.4
-0.6
-0.8
-1.0
Legendre (CM)
50
100
150
200
28
Incident Energy (MeV)
71-Lu-157
P28
P29
P30
P31
P32
P33
P34
P35
P36

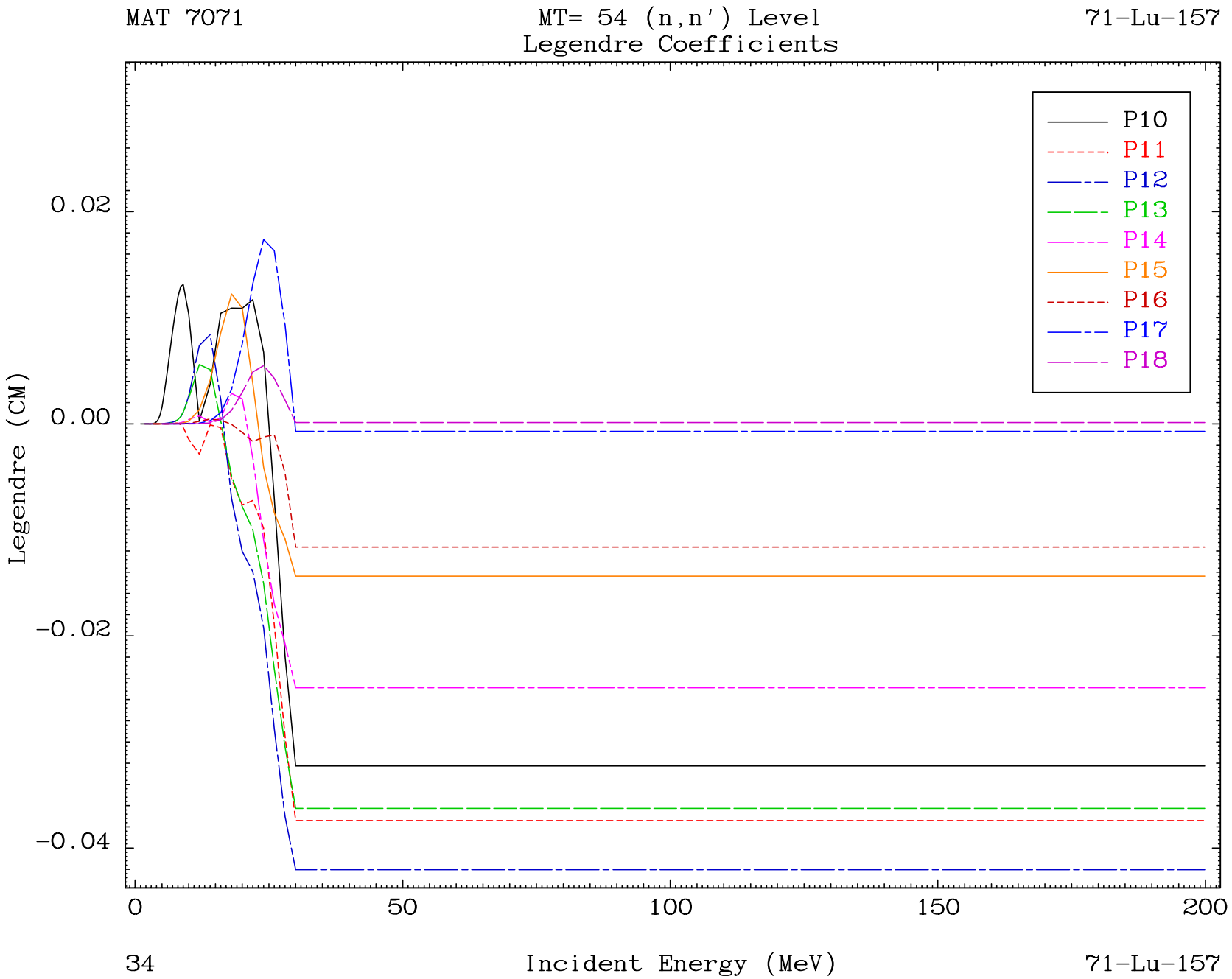

MAT 7071
MT= 53 (n,n') Level
Legendre Coefficients
71-Lu-157
P1
P2
P3
P4
P5
P6
P7
P8
P9
1.0
0.8
0.6
0.4
0.2
0.0
Legendre (CM)
0
50
100
150
200
29
Incident Energy (MeV)
71-Lu-157

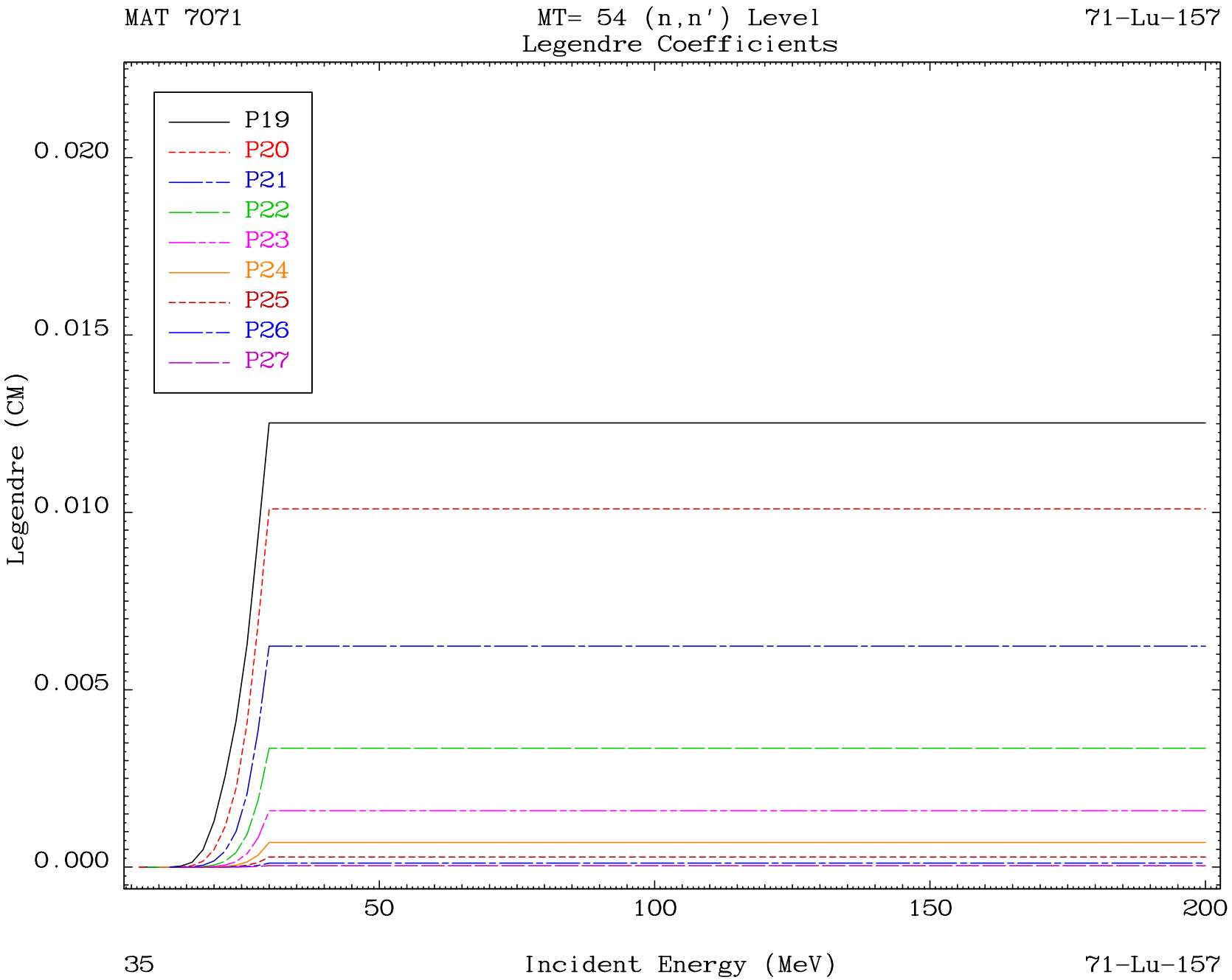

MAT 7071
MT= 53 (n,n') Level
Legendre Coefficients
71-Lu-157
P10
P11
P12
P13
P14
P15
P16
P17
P18
0.02
0.00
-0.02
-0.04
Legendre (CM)
0
50
100
150
200
30
Incident Energy (MeV)
71-Lu-157

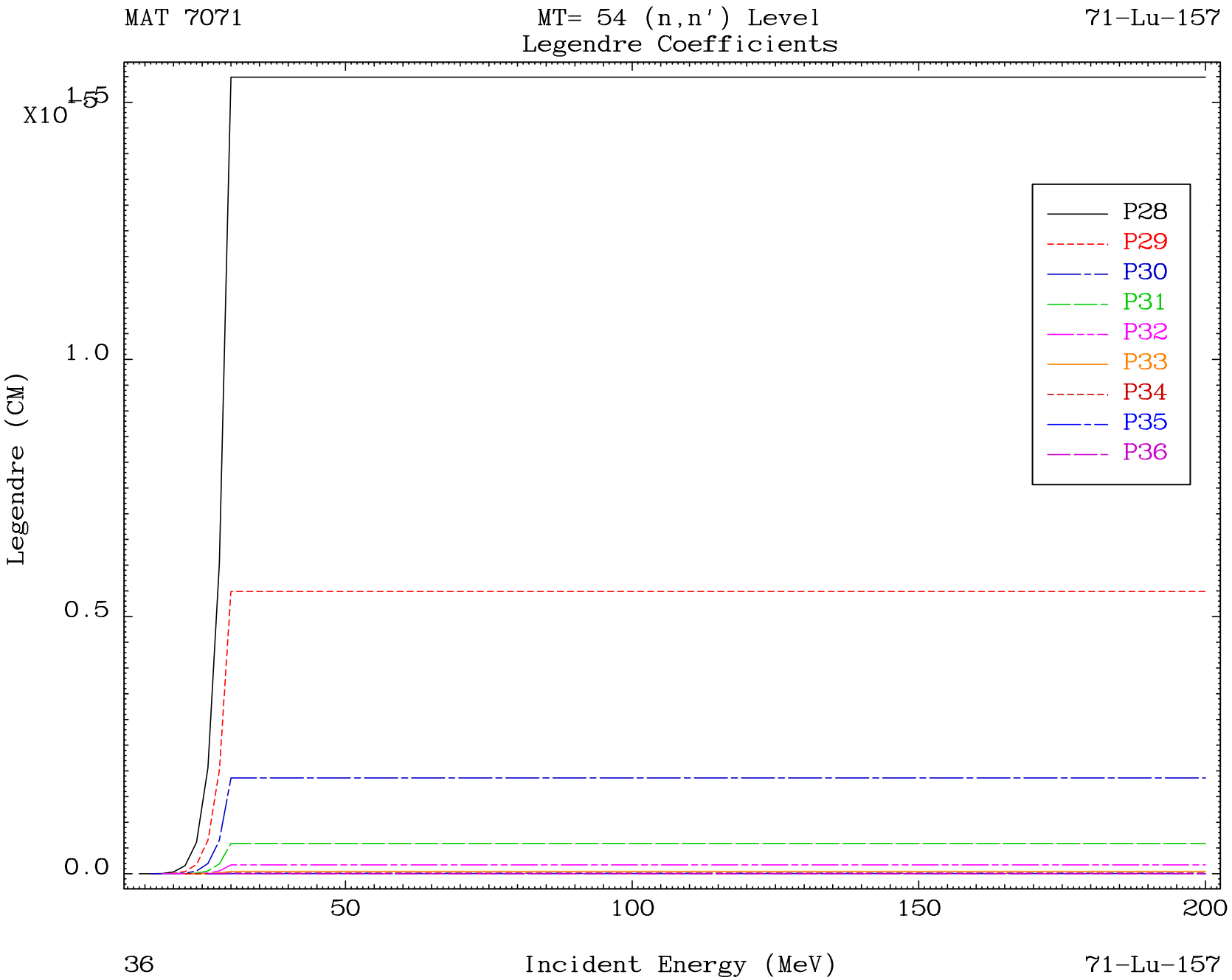

MAT 7071
MT= 53 (n,n') Level
Legendre Coefficients
71-Lu-157
P19
P20
P21
P22
P23
P24
P25
P26
P27
0.020
0.015
0.010
0.005
0.000
Legendre (CM)
50
100
150
200
31
Incident Energy (MeV)
71-Lu-157

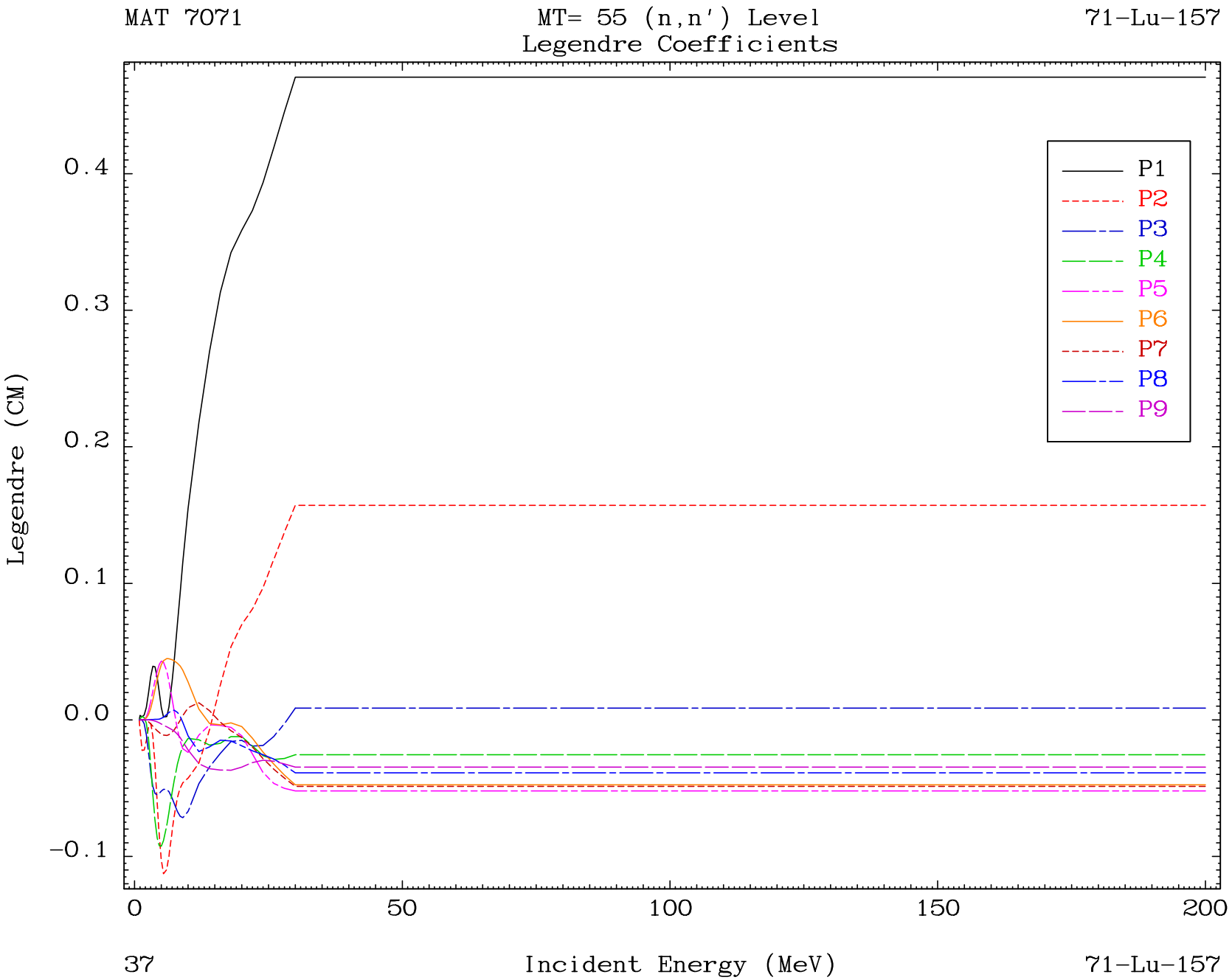

MAT 7071
MT= 53 (n,n') Level
Legendre Coefficients
71-Lu-157
X10-5
1.5
1.0
0.5
0.0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
P35
P36
50
100
150
200
32
Incident Energy (MeV)
71-Lu-157

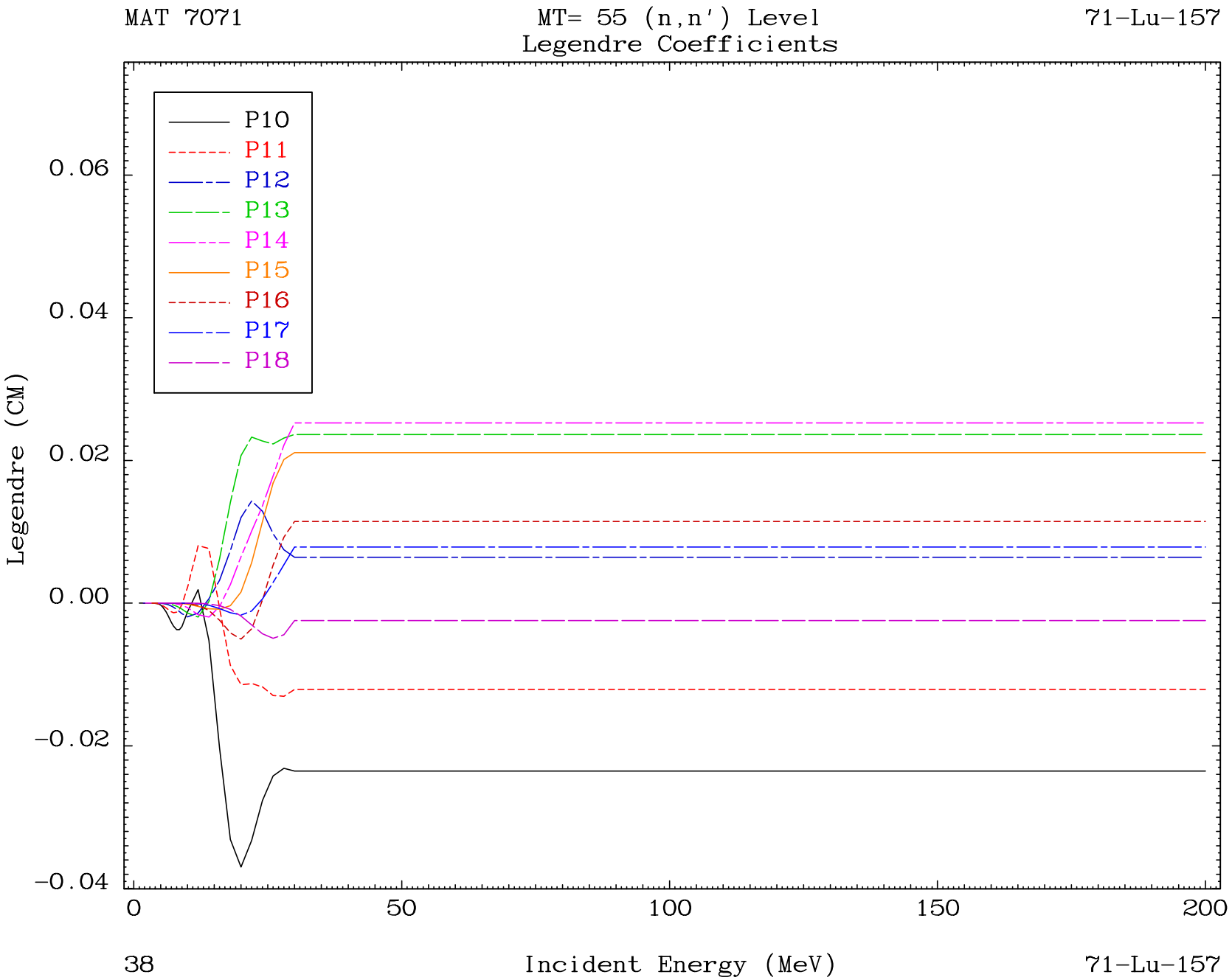

MAT 7071
MT= 54 (n,n') Level
Legendre Coefficients
71-Lu-157
P1
P2
P3
P4
P5
P6
P7
P8
P9
1.0
0.8
0.6
0.4
0.2
0.0
Legendre (CM)
0
50
100
150
200
33
Incident Energy (MeV)
71-Lu-157

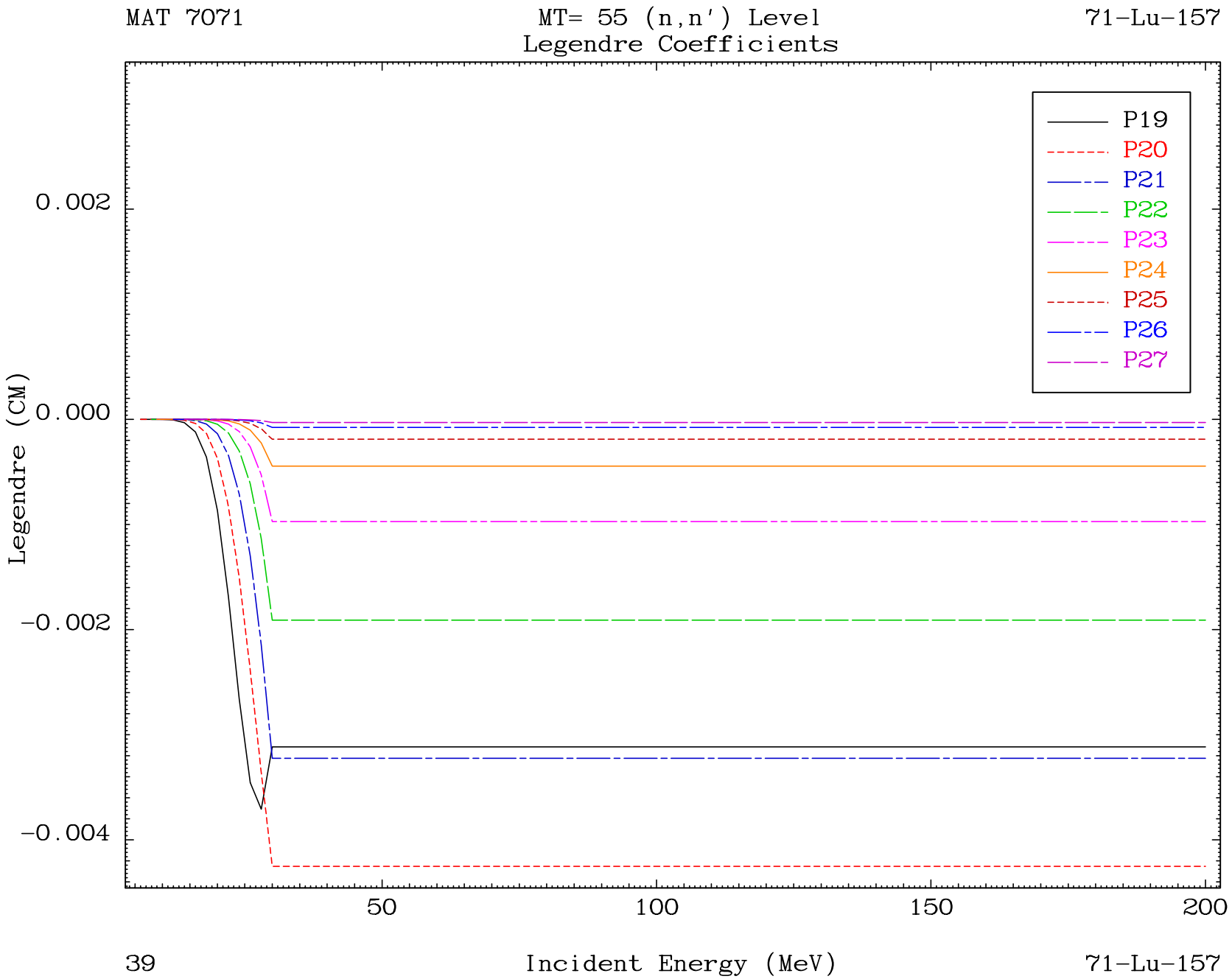

MAT 7071
MT= 54 (n,n') Level
Legendre Coefficients
71-Lu-157
P10
P11
P12
P13
P14
P15
P16
P17
P18
0.02
0.00
-0.02
-0.04
Legendre (CM)
0
50
100
150
200
34
Incident Energy (MeV)
71-Lu-157

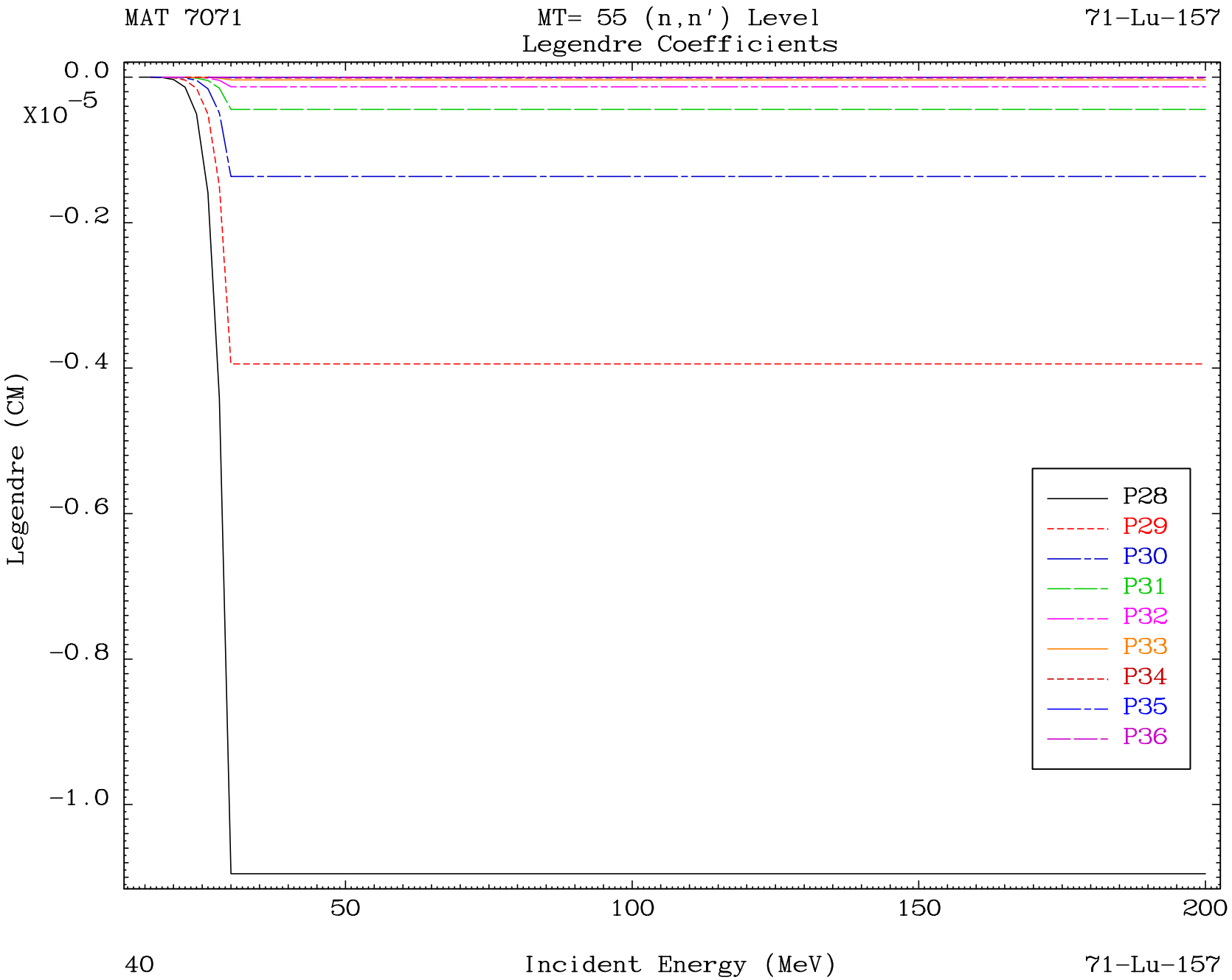

MAT 7071
MT= 54 (n,n') Level
Legendre Coefficients
71-Lu-157
P19
P20
P21
P22
P23
P24
P25
P26
P27
0.020
0.015
0.010
0.005
0.000
Legendre (CM)
50
100
150
200
35
Incident Energy (MeV)
71-Lu-157

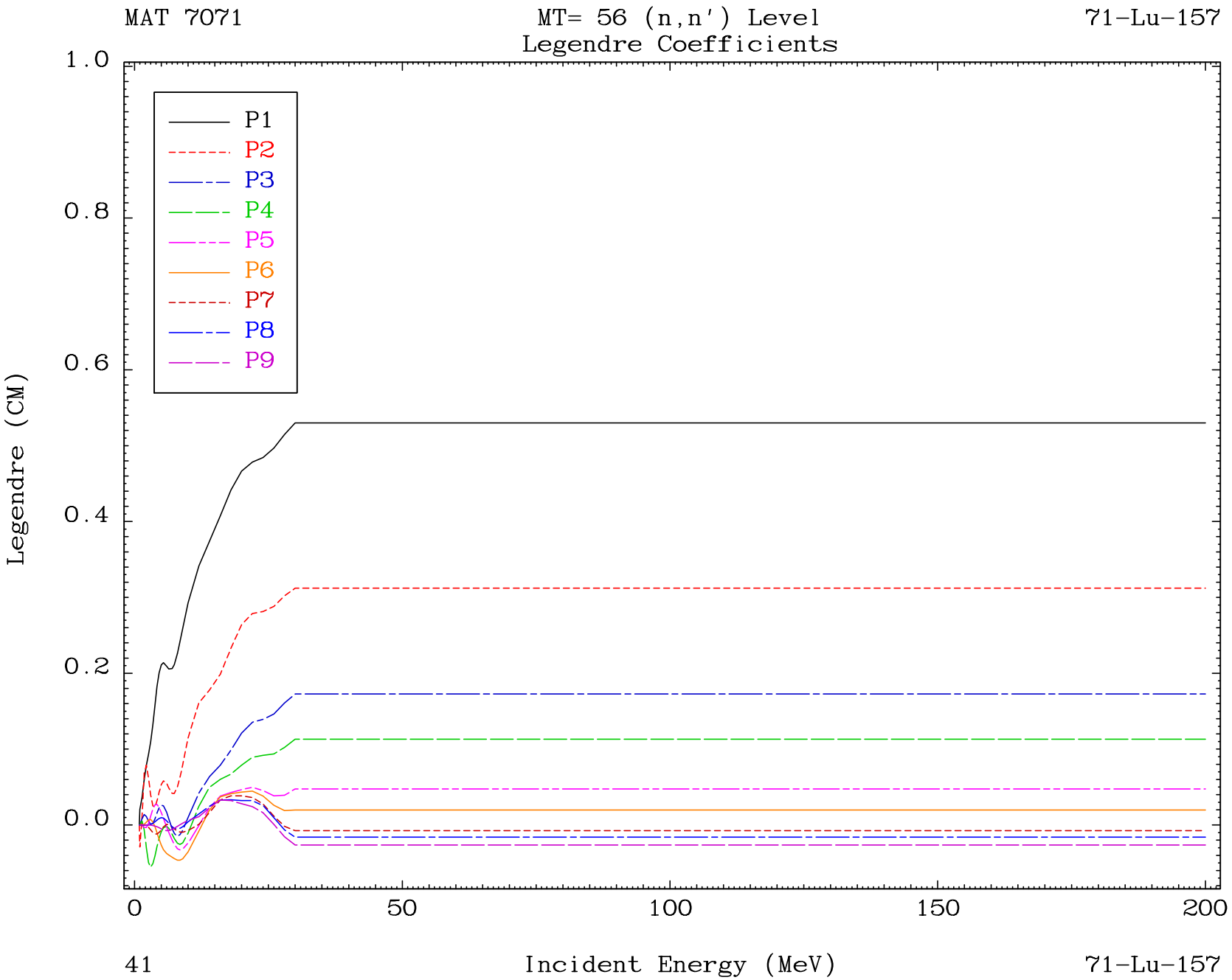

MAT 7071
MT= 54 (n,n') Level
Legendre Coefficients
71-Lu-157
X10-5
1.5
1.0
0.5
0.0
Legendre (CM)
50
100
150
200
36
Incident Energy (MeV)
71-Lu-157
P28
P29
P30
P31
P32
P33
P34
P35
P36

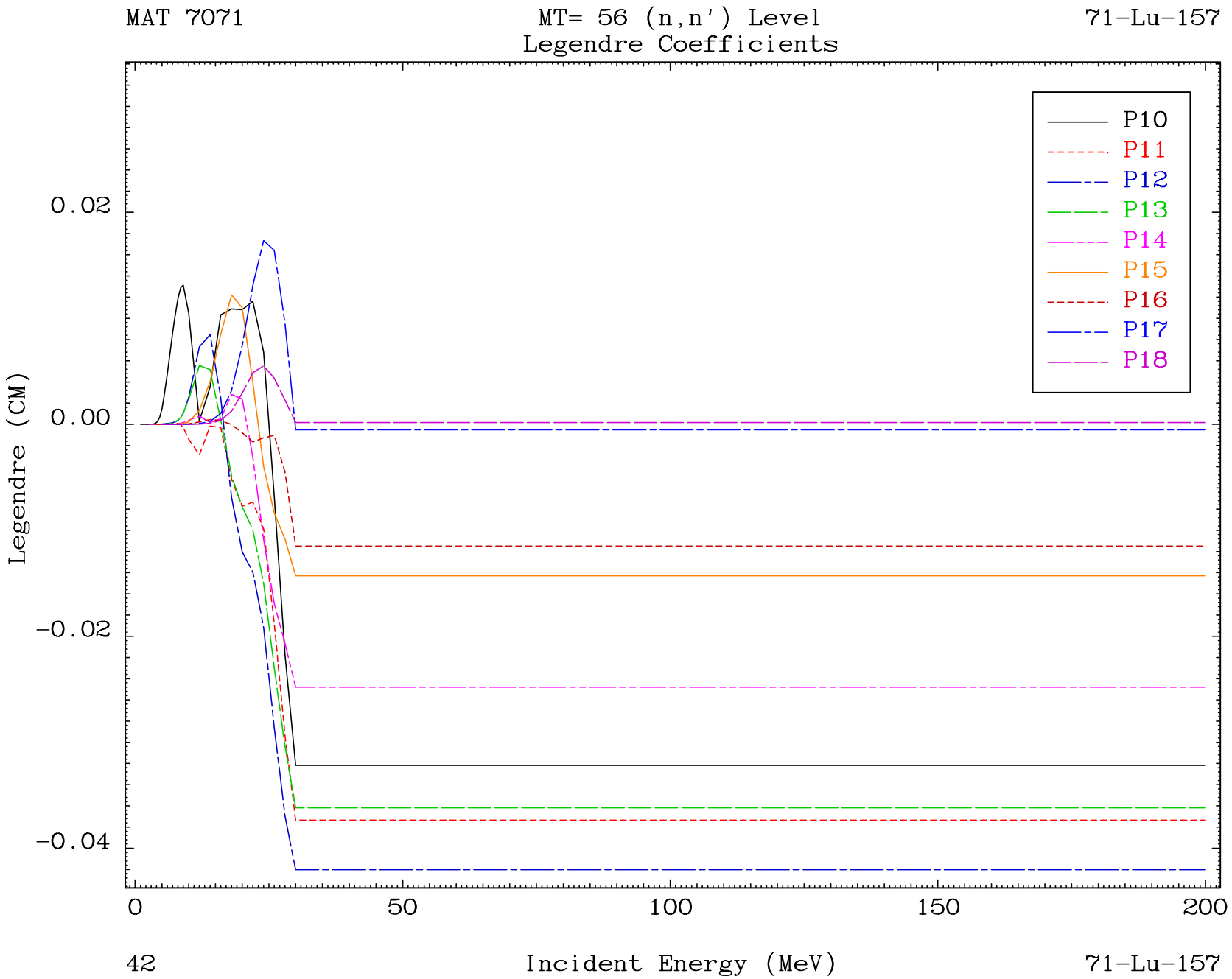

MAT 7071
MT= 55 (n,n') Level
Legendre Coefficients
71-Lu-157
Legendre (CM)
0.4
0.3
0.2
0.1
0.0
-0.1
0
50
100
150
200
Incident Energy (MeV)
37
71-Lu-157
P1
P2
P3
P4
P5
P6
P7
P8
P9

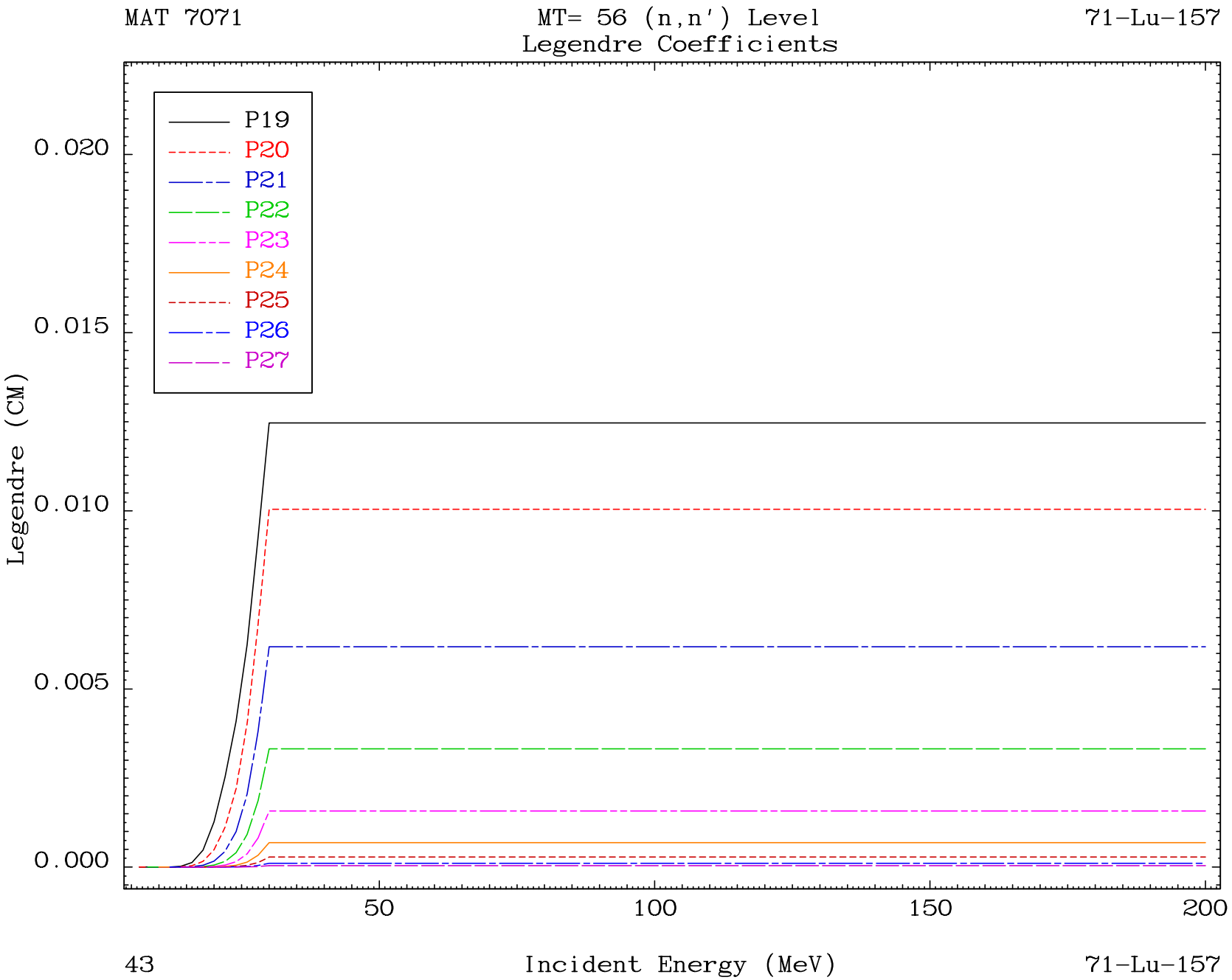

MAT 7071
MT= 55 (n,n') Level
Legendre Coefficients
71-Lu-157
P10
P11
P12
P13
P14
P15
P16
P17
P18
0.06
0.04
0.02
0.00
-0.02
-0.04
Legendre (CM)
0
50
100
150
200
38
Incident Energy (MeV)
71-Lu-157

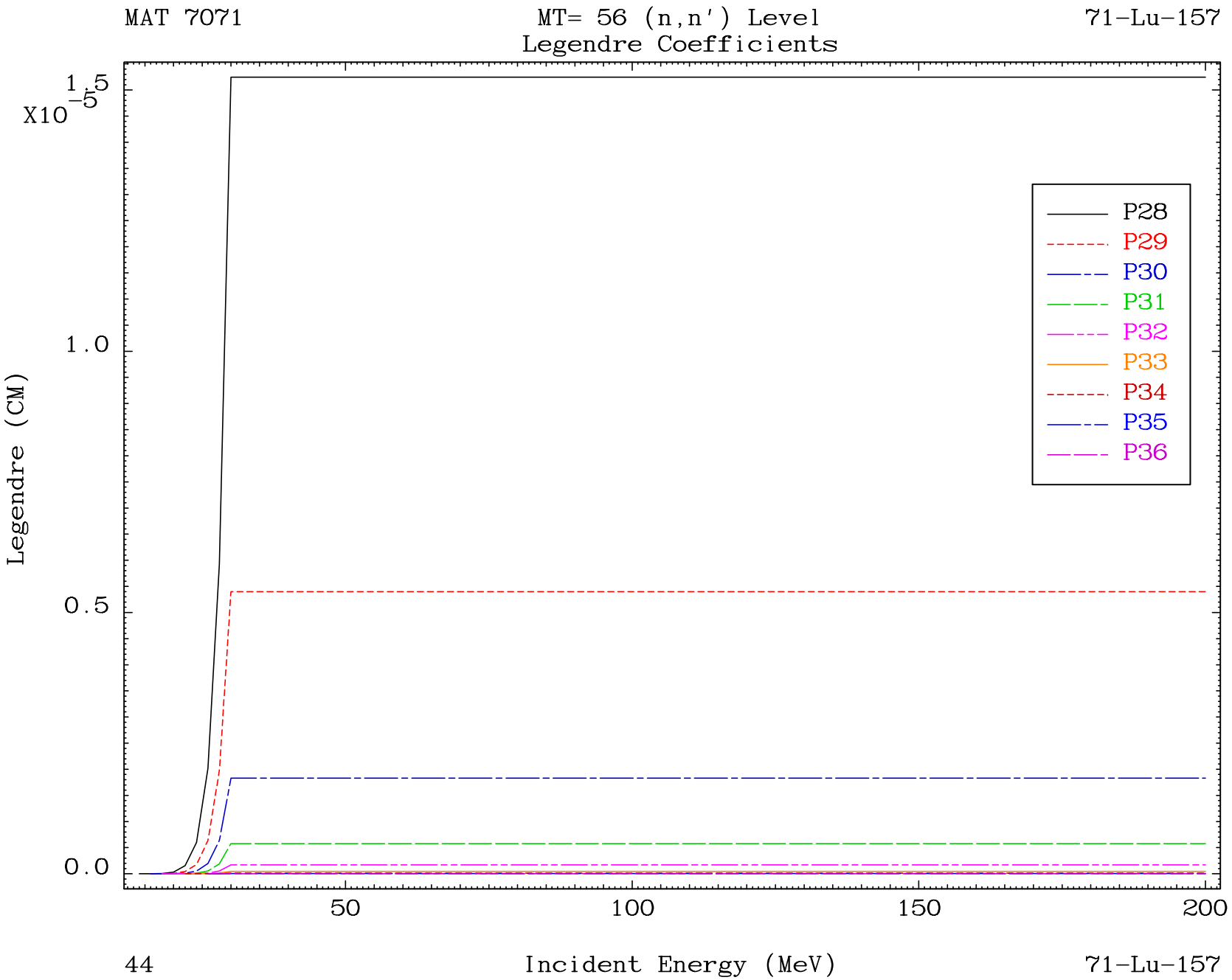

MAT 7071
MT= 55 (n,n') Level
Legendre Coefficients
71-Lu-157
P19
P20
P21
P22
P23
P24
P25
P26
P27
0.002
0.000
-0.002
-0.004
Legendre (CM)
50
100
150
200
39
Incident Energy (MeV)
71-Lu-157

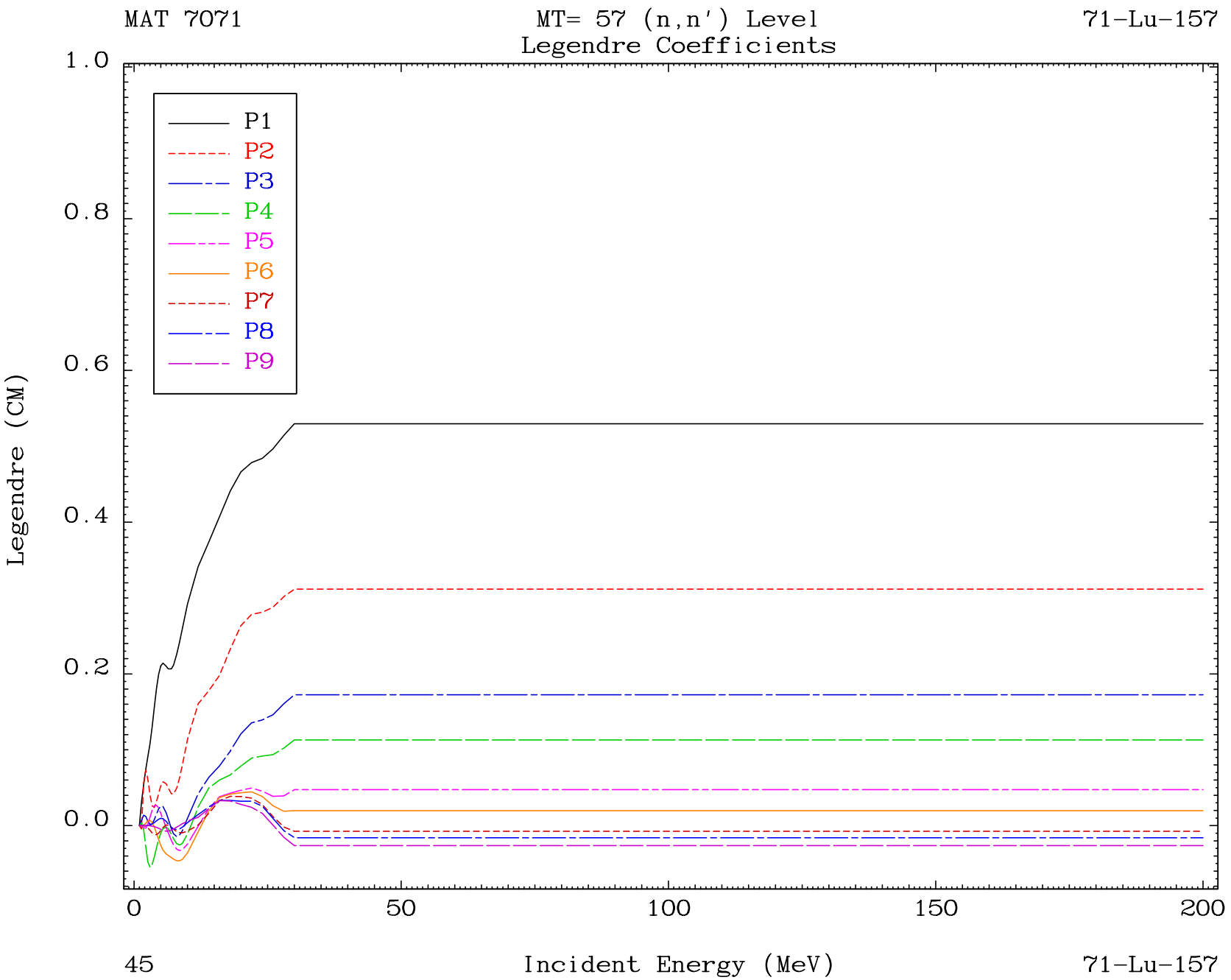

MAT 7071
MT= 55 (n,n') Level
Legendre Coefficients
71-Lu-157
0.0
X10^-5
-0.2
-0.4
-0.6
-0.8
-1.0
Legendre (CM)
50
100
150
200
40
Incident Energy (MeV)
71-Lu-157
P28
P29
P30
P31
P32
P33
P34
P35
P36

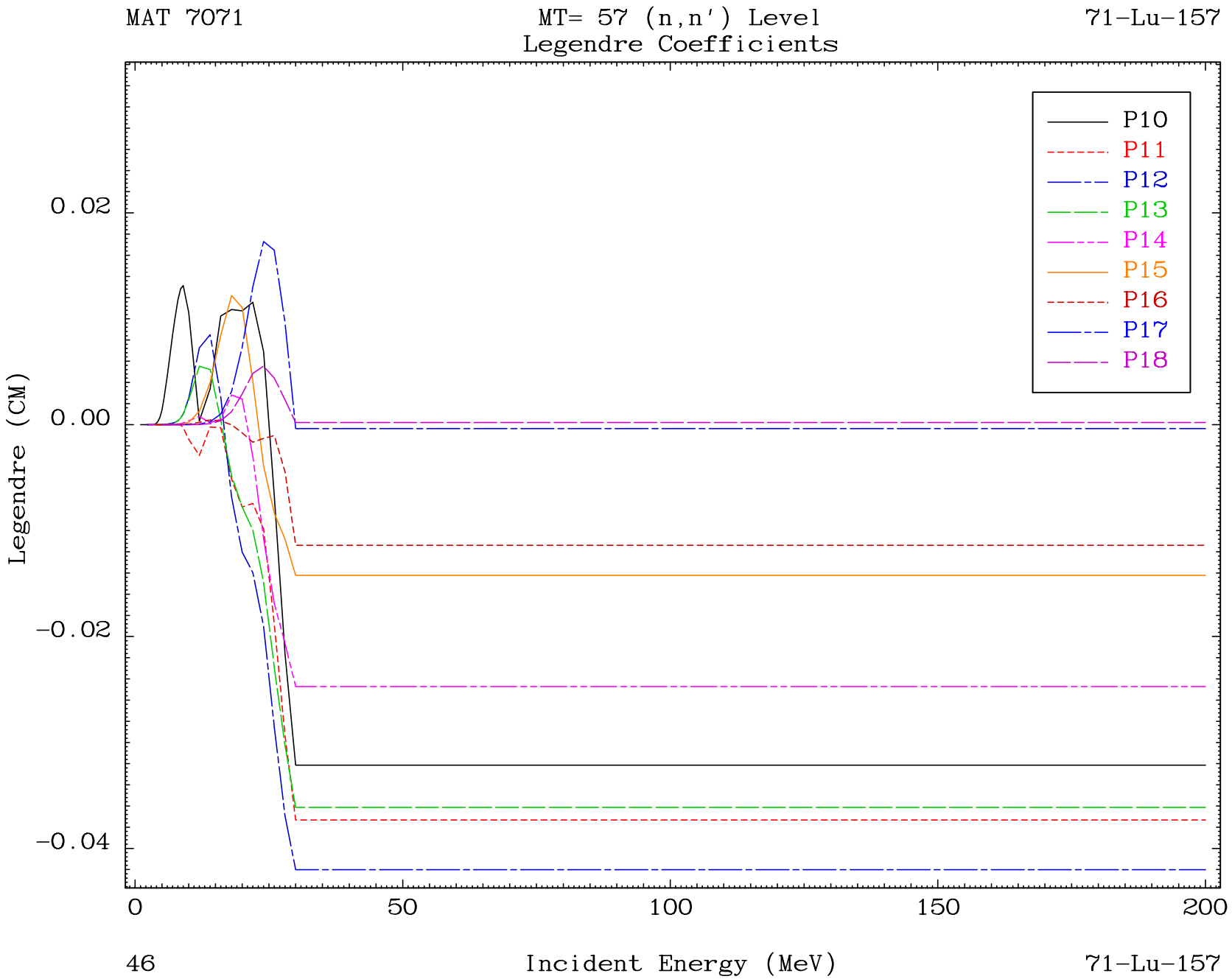

MAT 7071
MT= 56 (n,n') Level
Legendre Coefficients
71-Lu-157
P1
P2
P3
P4
P5
P6
P7
P8
P9
Legendre (CM)
1.0
0.8
0.6
0.4
0.2
0.0
0
50
100
150
200
41
Incident Energy (MeV)
71-Lu-157

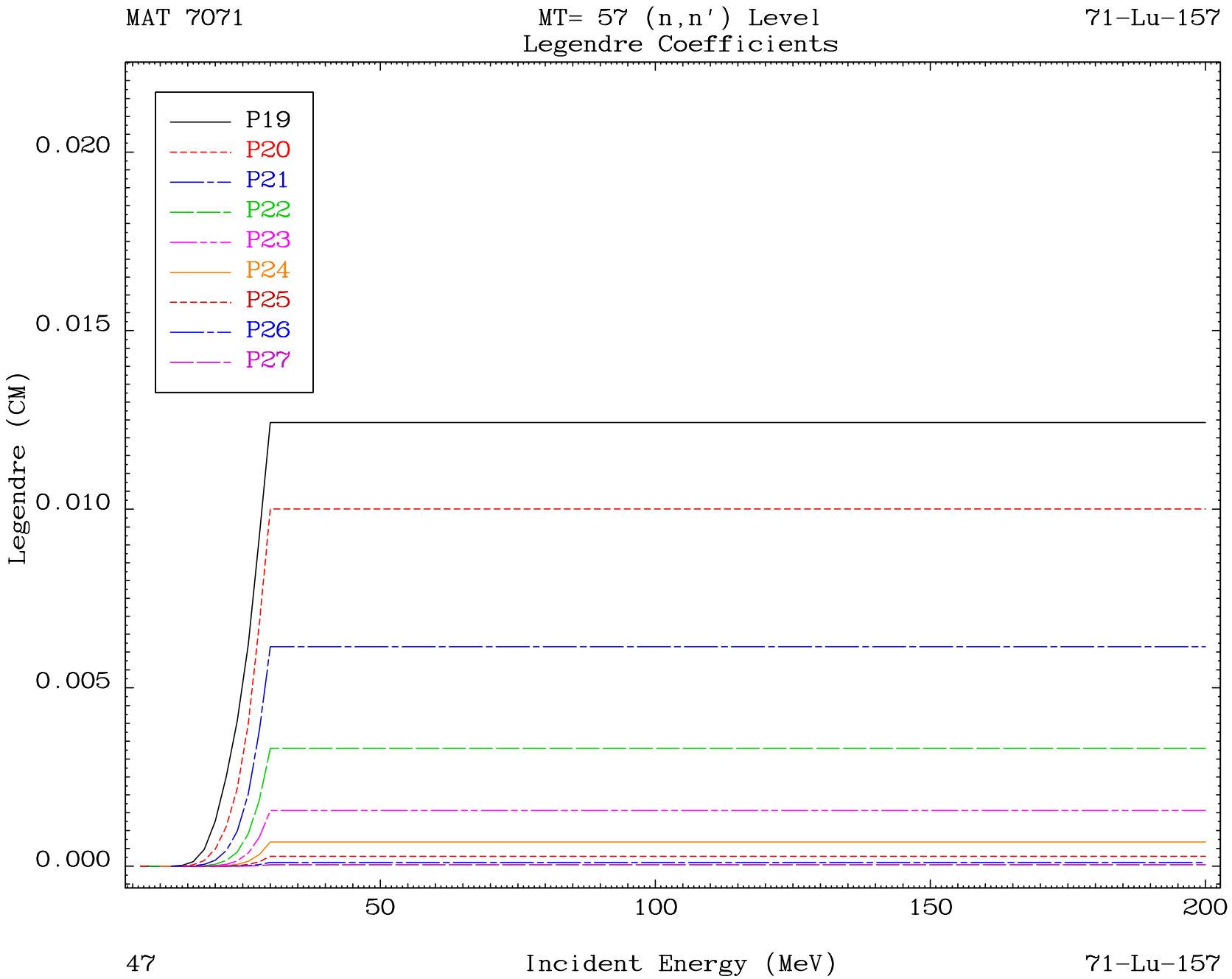

MAT 7071
MT= 56 (n,n') Level
Legendre Coefficients
71-Lu-157
P10
P11
P12
P13
P14
P15
P16
P17
P18
0.02
0.00
-0.02
-0.04
Legendre (CM)
0
50
100
150
200
42
Incident Energy (MeV)
71-Lu-157

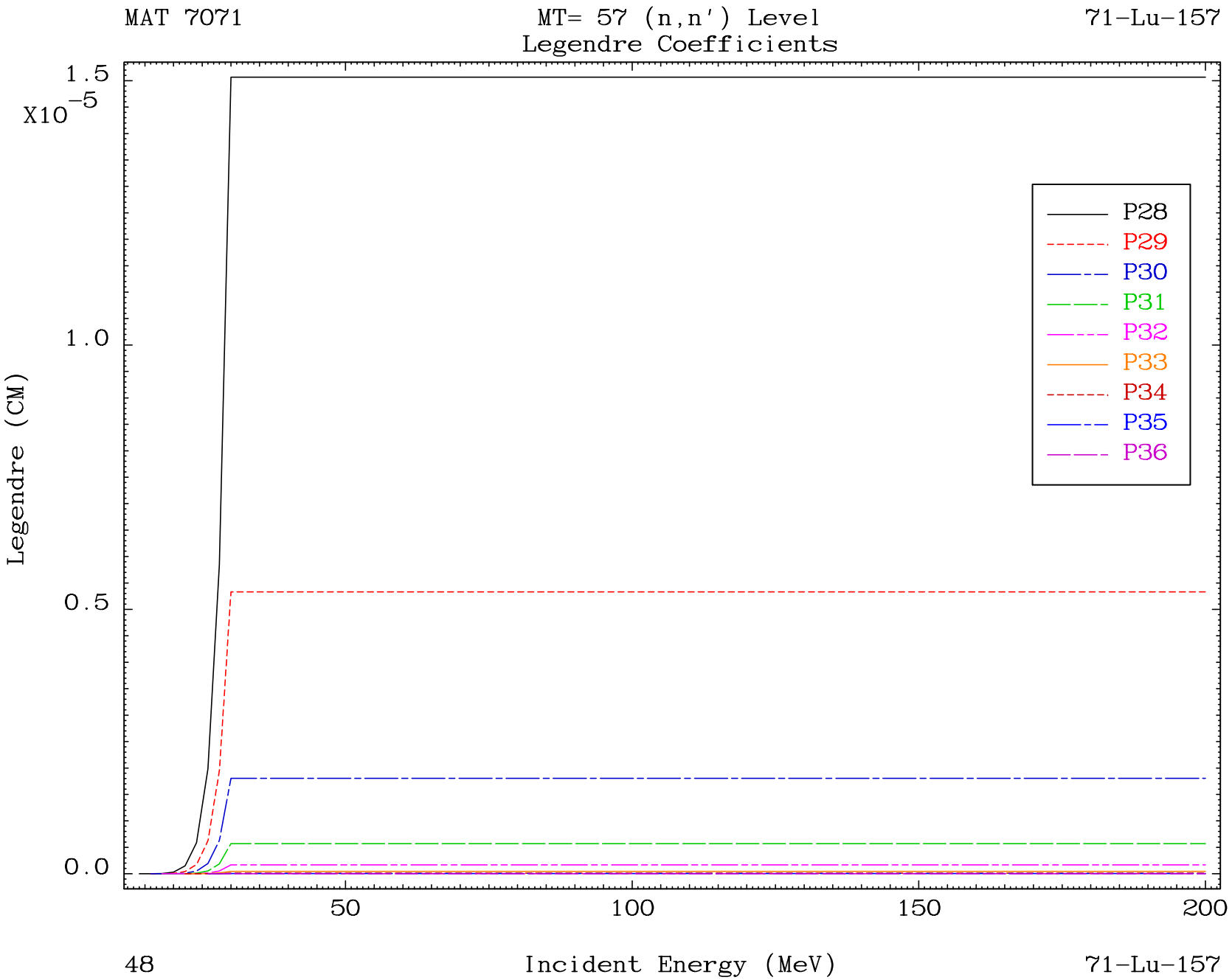

MAT 7071
MT= 56 (n,n') Level
Legendre Coefficients
71-Lu-157
P19
P20
P21
P22
P23
P24
P25
P26
P27
0.020
0.015
0.010
0.005
0.000
Legendre (CM)
50
100
150
200
43
Incident Energy (MeV)
71-Lu-157

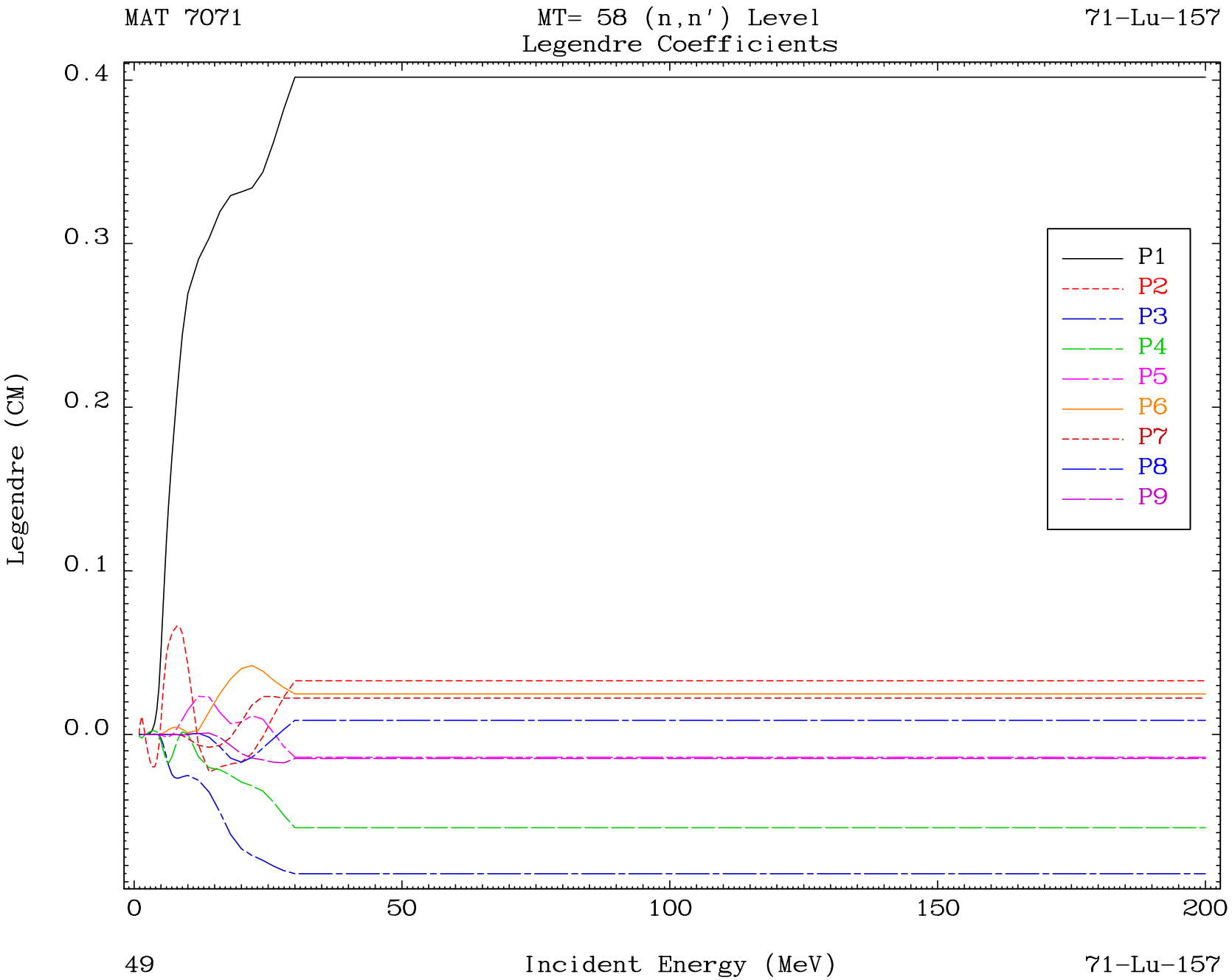

MAT 7071
MT= 56 (n,n') Level
Legendre Coefficients
71-Lu-157
X10 -5
1.5
1.0
0.5
0.0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
P35
P36
50
100
150
200
44
Incident Energy (MeV)
71-Lu-157

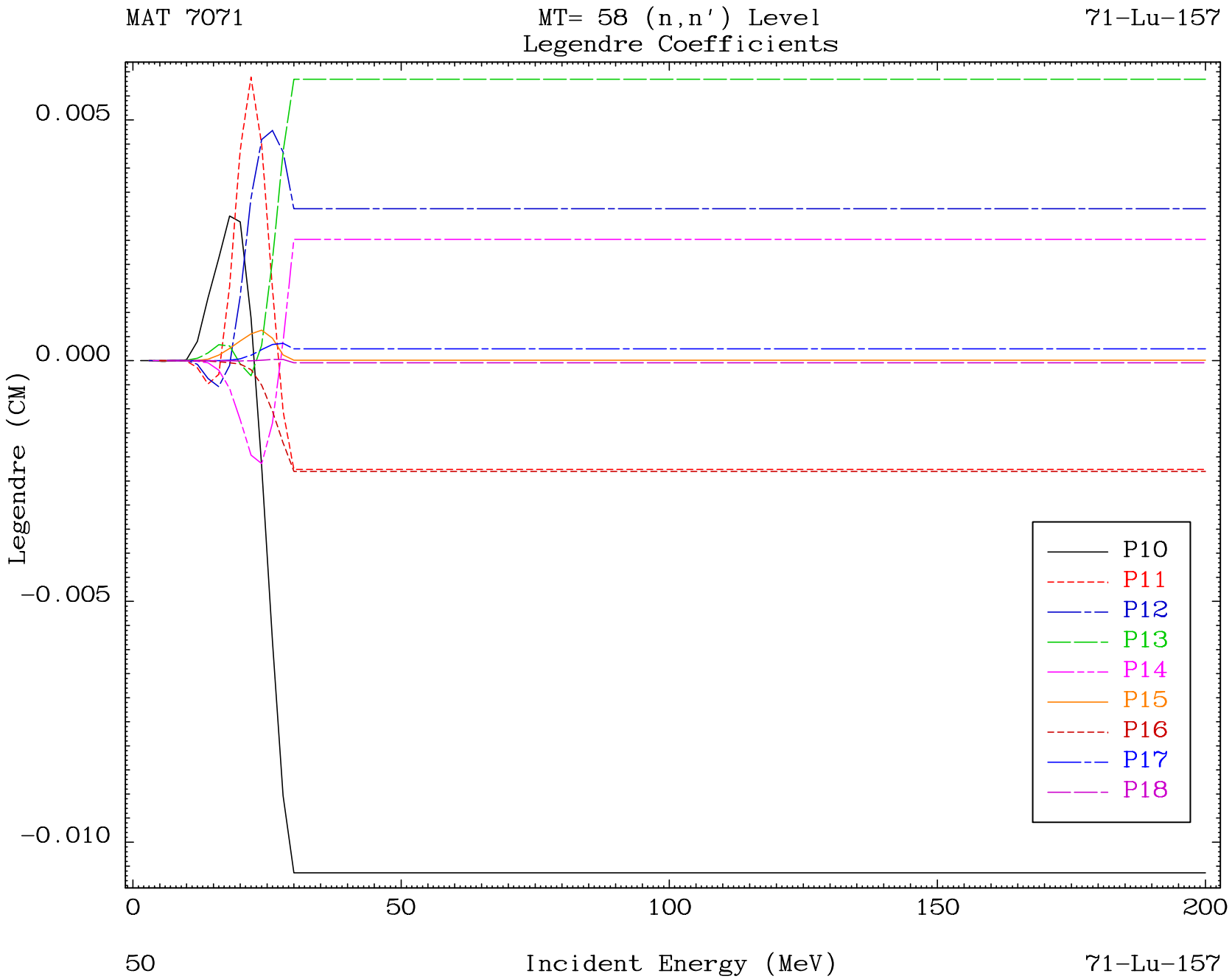

MAT 7071
MT= 57 (n,n') Level
Legendre Coefficients
71-Lu-157
P1
P2
P3
P4
P5
P6
P7
P8
P9
Legendre (CM)
1.0
0.8
0.6
0.4
0.2
0.0
0
50
100
150
200
45
Incident Energy (MeV)
71-Lu-157

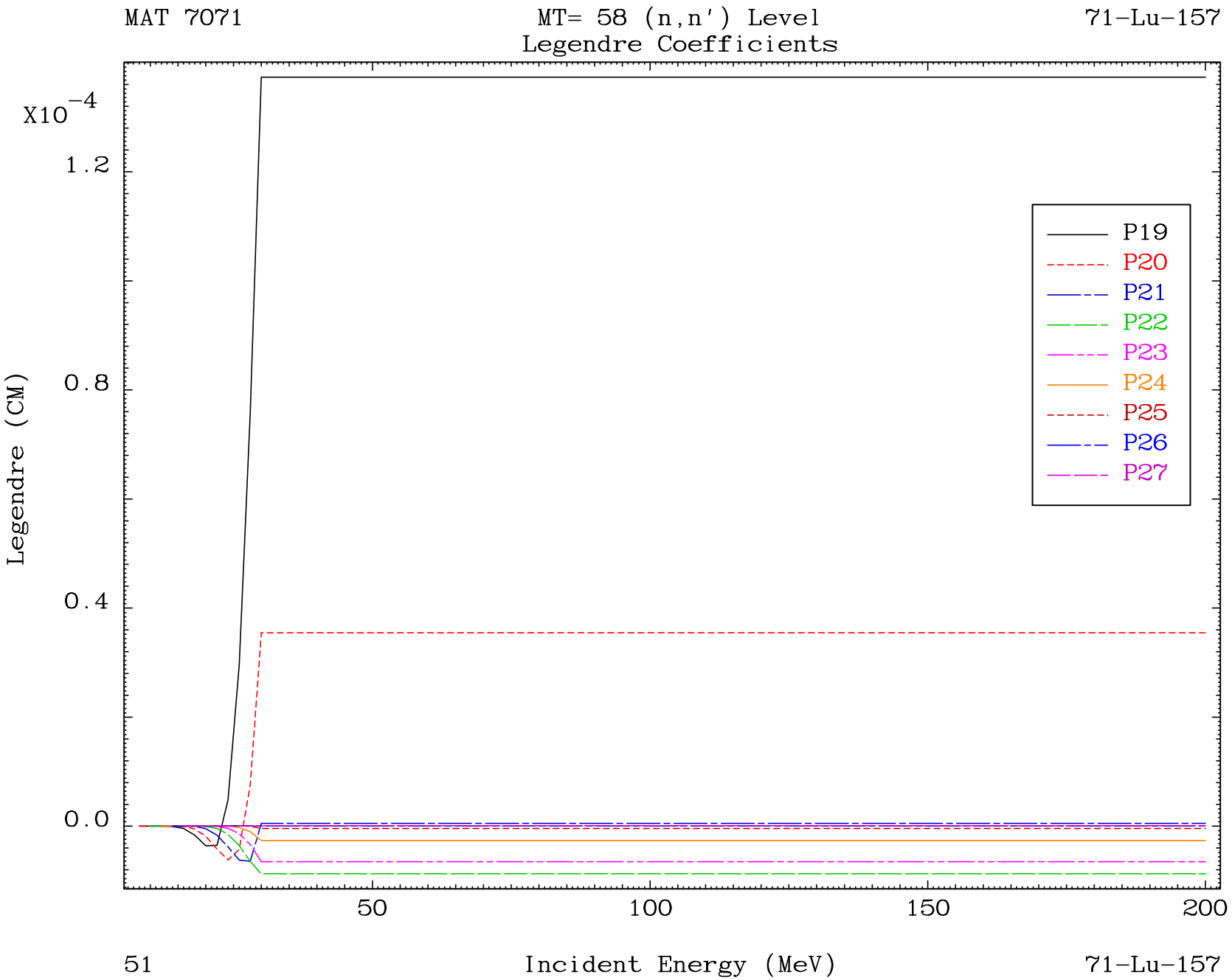

MAT 7071
MT= 57 (n,n') Level
Legendre Coefficients
71-Lu-157
P10
P11
P12
P13
P14
P15
P16
P17
P18
0.02
0.00
-0.02
-0.04
Legendre (CM)
0
50
100
150
200
46
Incident Energy (MeV)
71-Lu-157

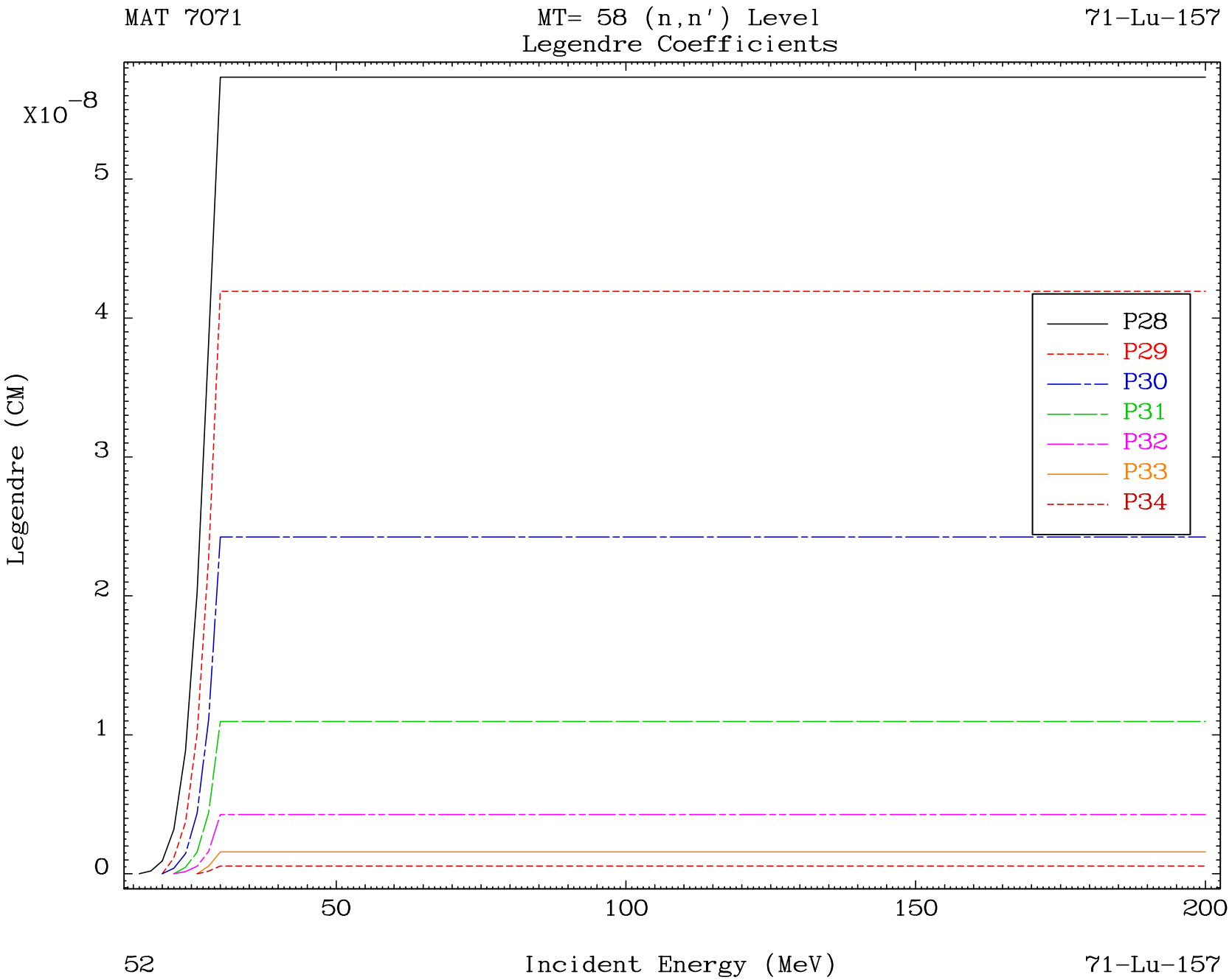

MAT 7071
MT= 57 (n,n') Level
Legendre Coefficients
71-Lu-157
P19
P20
P21
P22
P23
P24
P25
P26
P27
0.020
0.015
0.010
0.005
0.000
Legendre (CM)
50
100
150
200
47
Incident Energy (MeV)
71-Lu-157

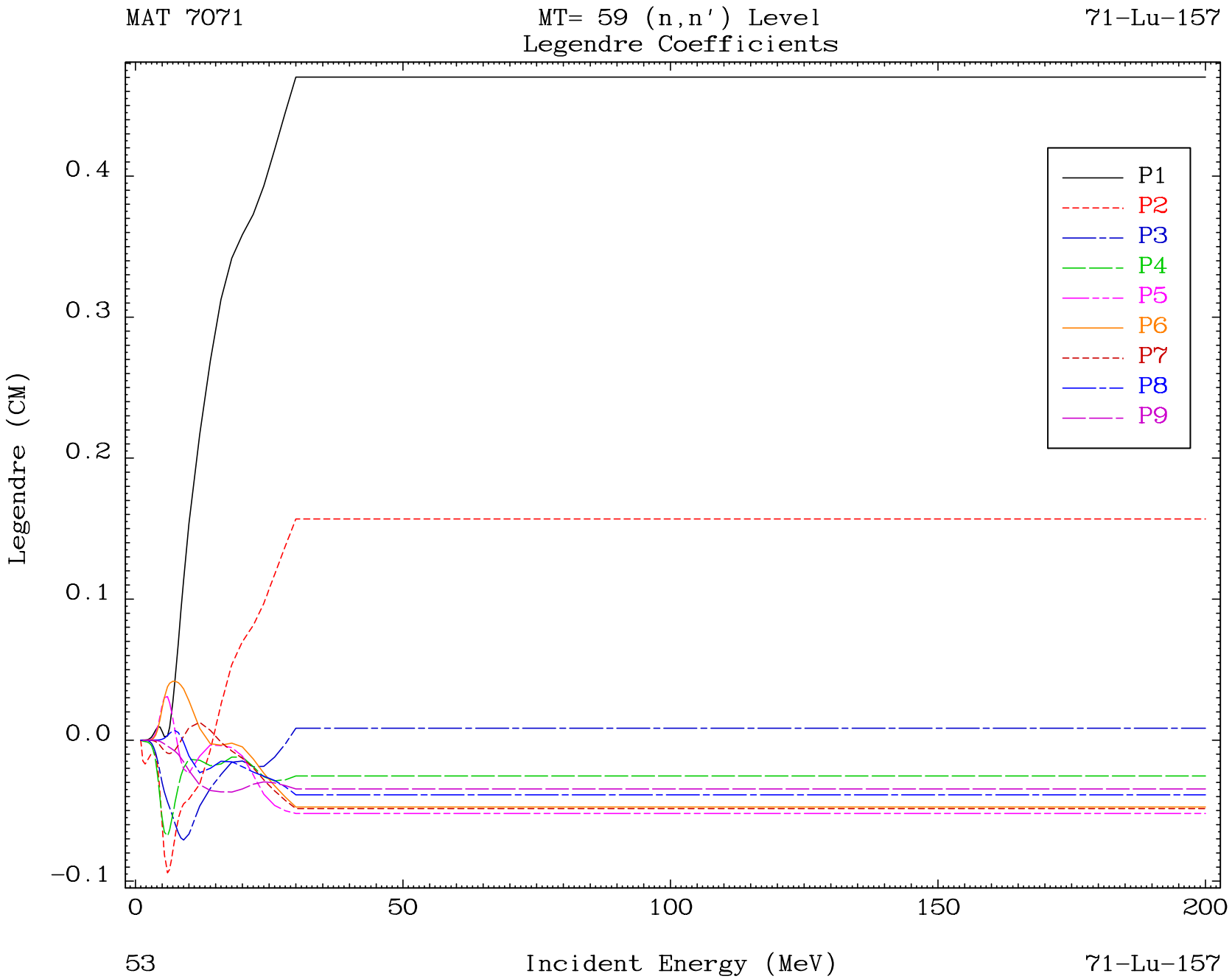

MAT 7071
MT= 57 (n,n') Level
Legendre Coefficients
71-Lu-157
X10 −5
1.5
1.0
0.5
0.0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
P35
P36
50
100
150
200
48
Incident Energy (MeV)
71-Lu-157

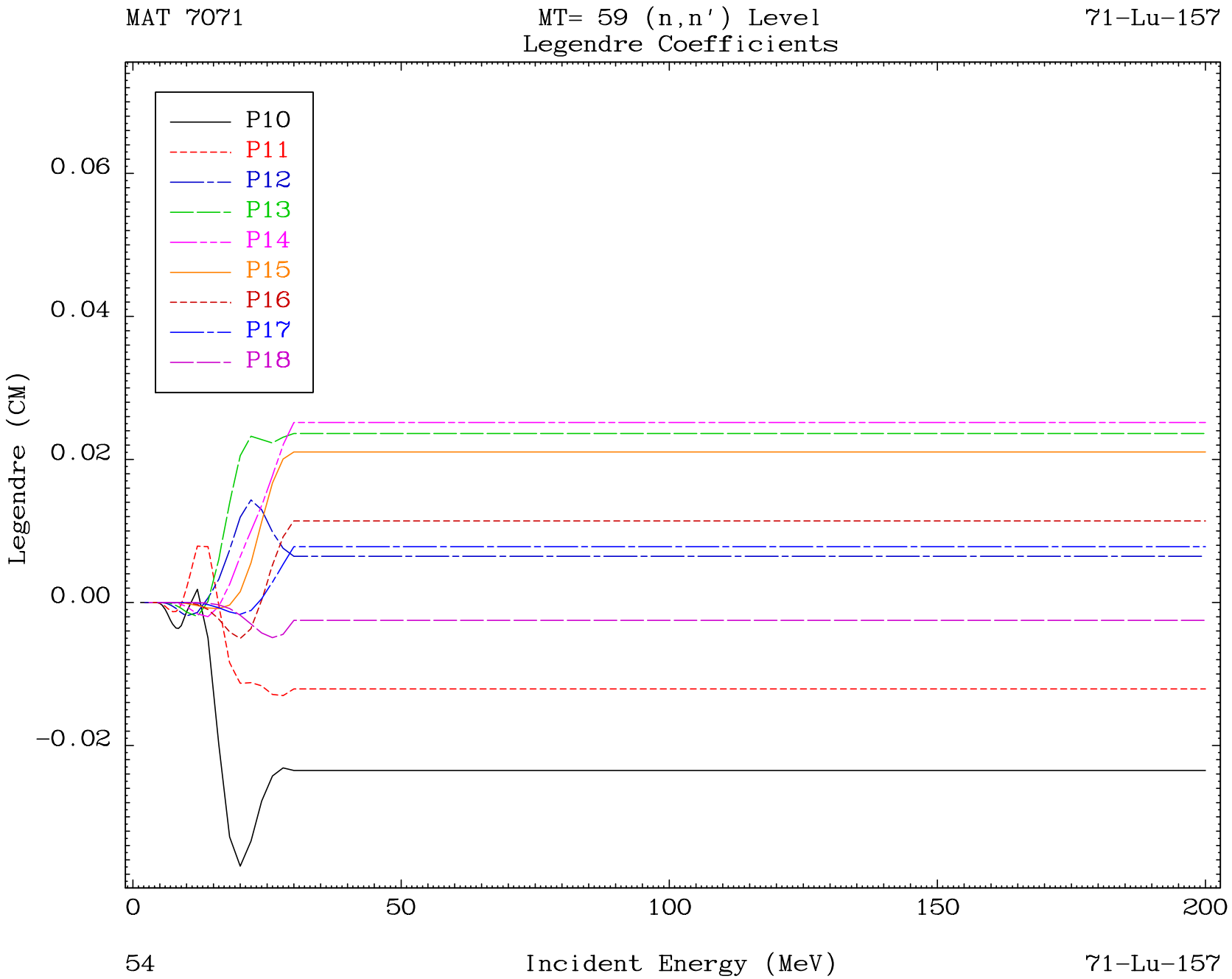

MAT 7071
MT= 58 (n,n') Level
Legendre Coefficients
71-Lu-157
0.4
0.3
0.2
0.1
0.0
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
0
50
100
150
200
49
Incident Energy (MeV)
71-Lu-157

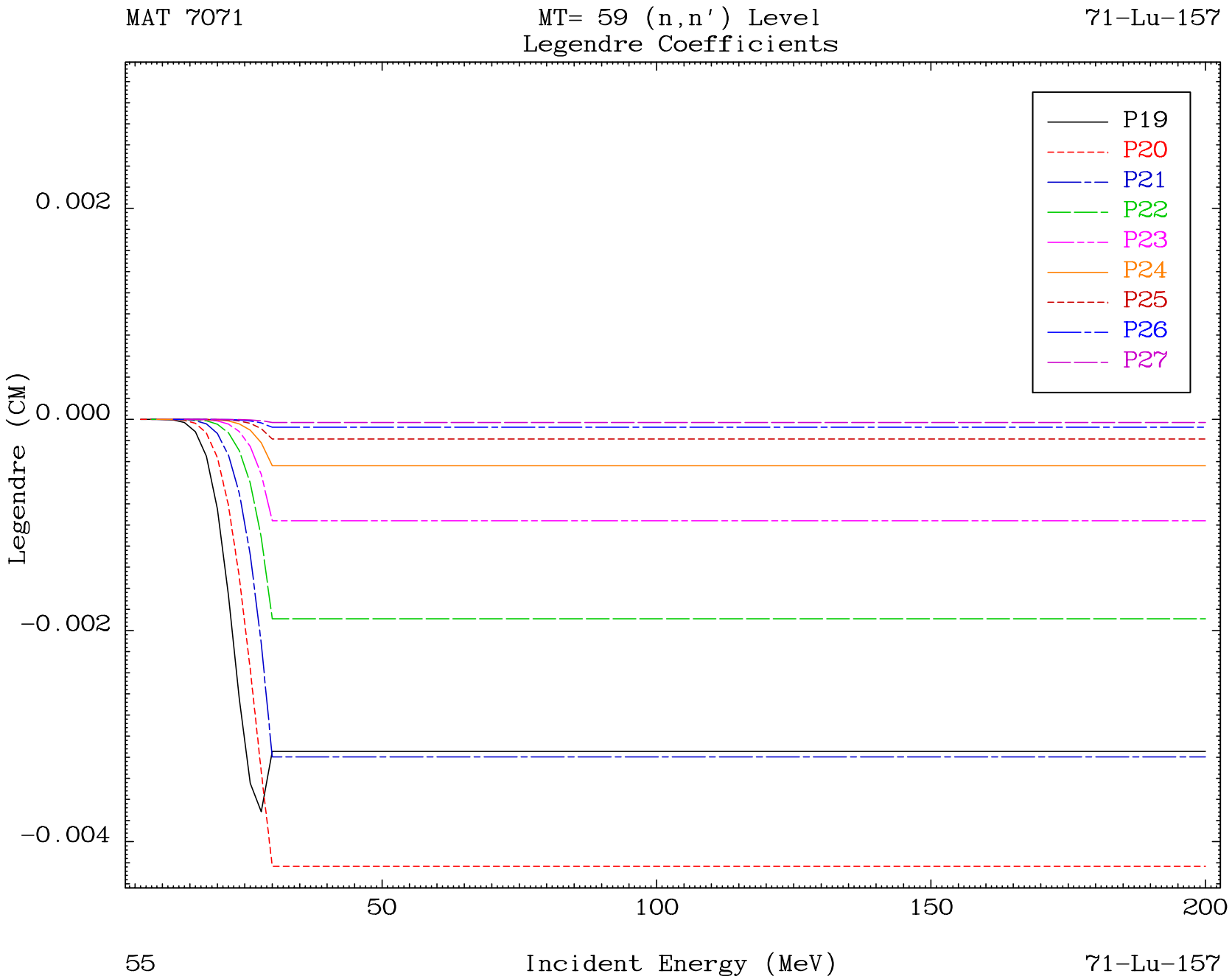

MAT 7071
MT= 58 (n,n') Level
Legendre Coefficients
71-Lu-157
0.005
0.000
-0.005
-0.010
Legendre (CM)
0
50
100
150
200
50
Incident Energy (MeV)
71-Lu-157
P10
P11
P12
P13
P14
P15
P16
P17
P18

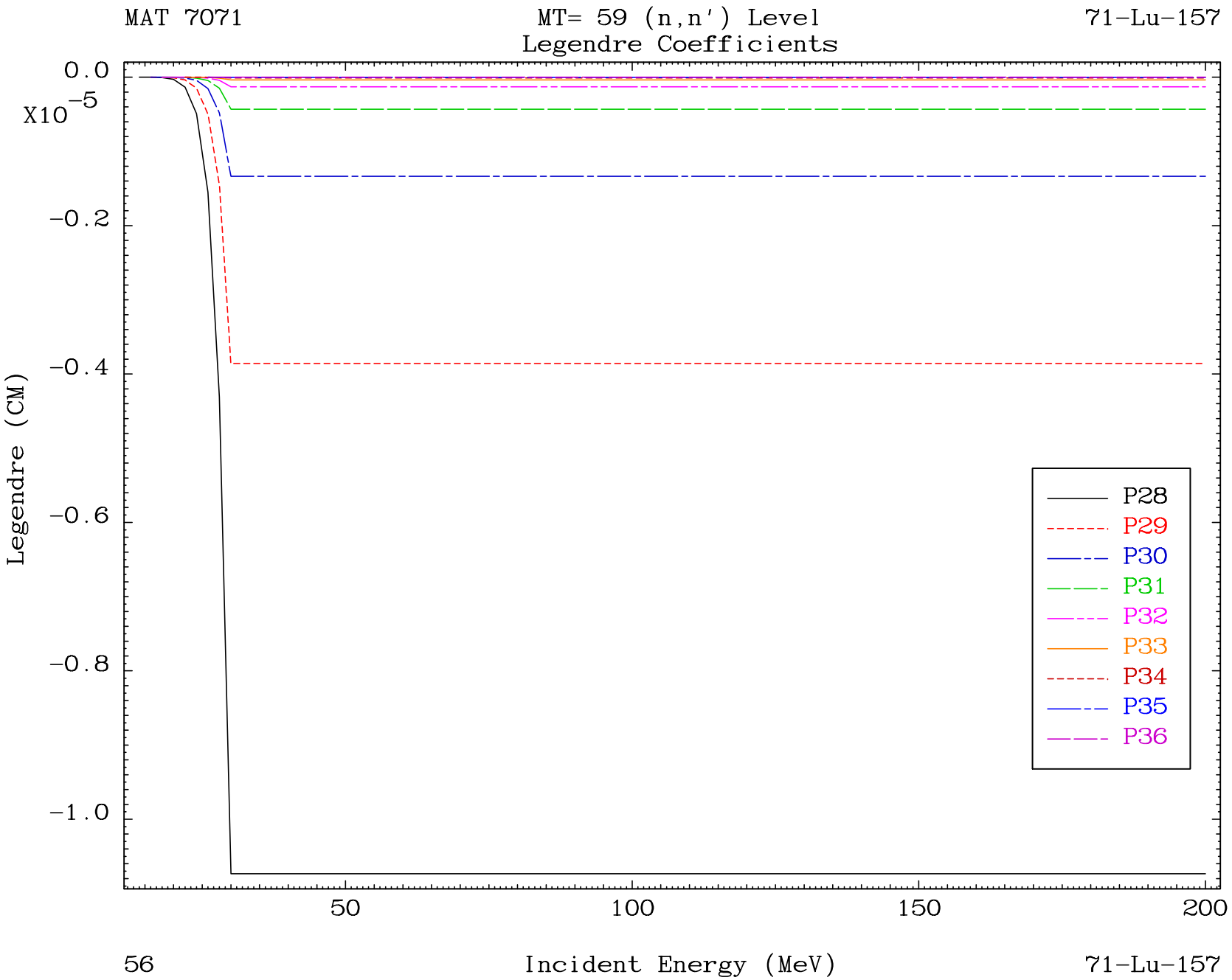

MAT 7071
MT= 58 (n,n') Level
Legendre Coefficients
71-Lu-157
X10^-4
1.2
0.8
0.4
0.0
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
P27
50
100
150
200
51
Incident Energy (MeV)
71-Lu-157

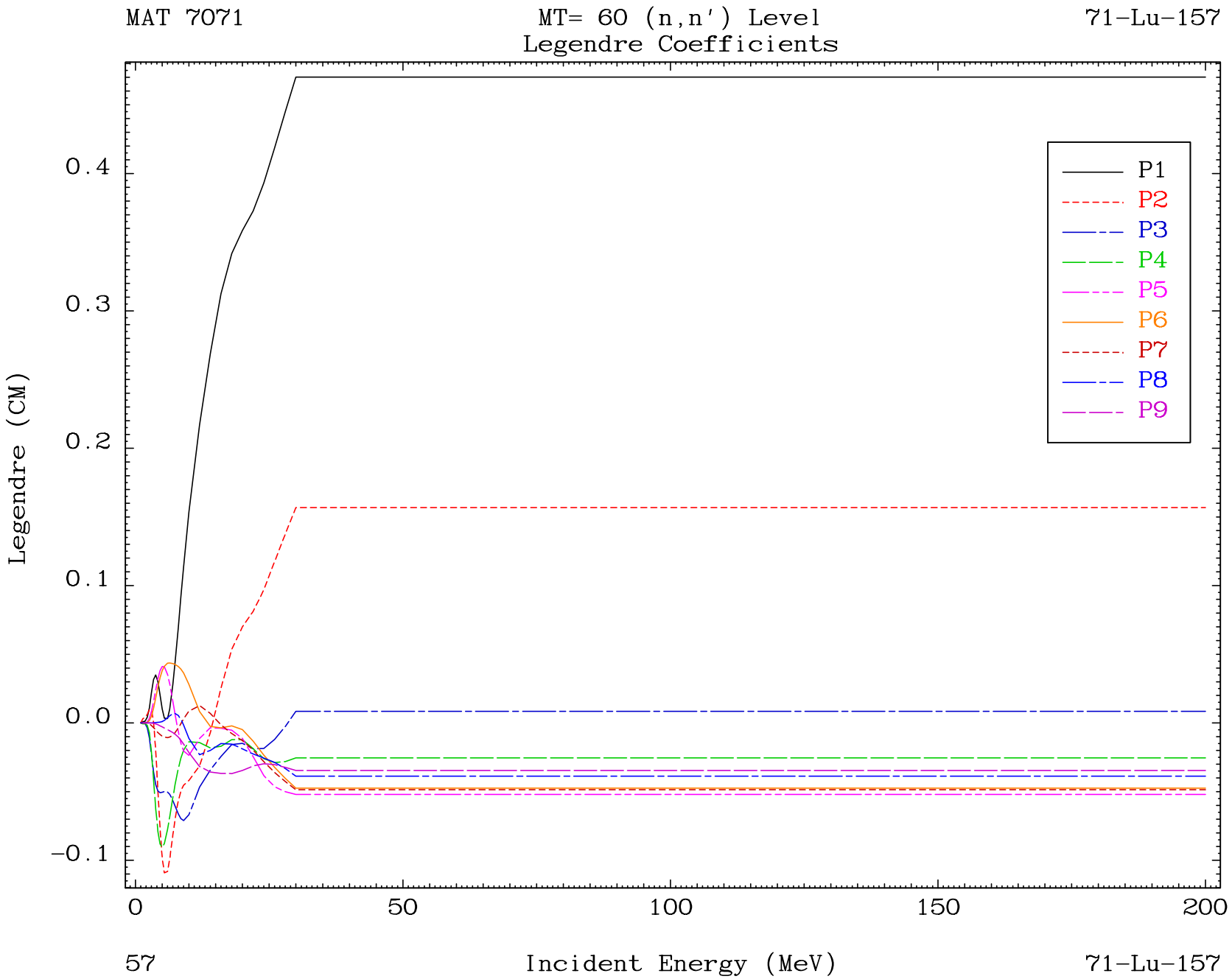

MAT 7071
MT= 58 (n,n') Level
Legendre Coefficients
71-Lu-157
X10-8
5
4
3
2
1
0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
50
100
150
200
52
Incident Energy (MeV)
71-Lu-157

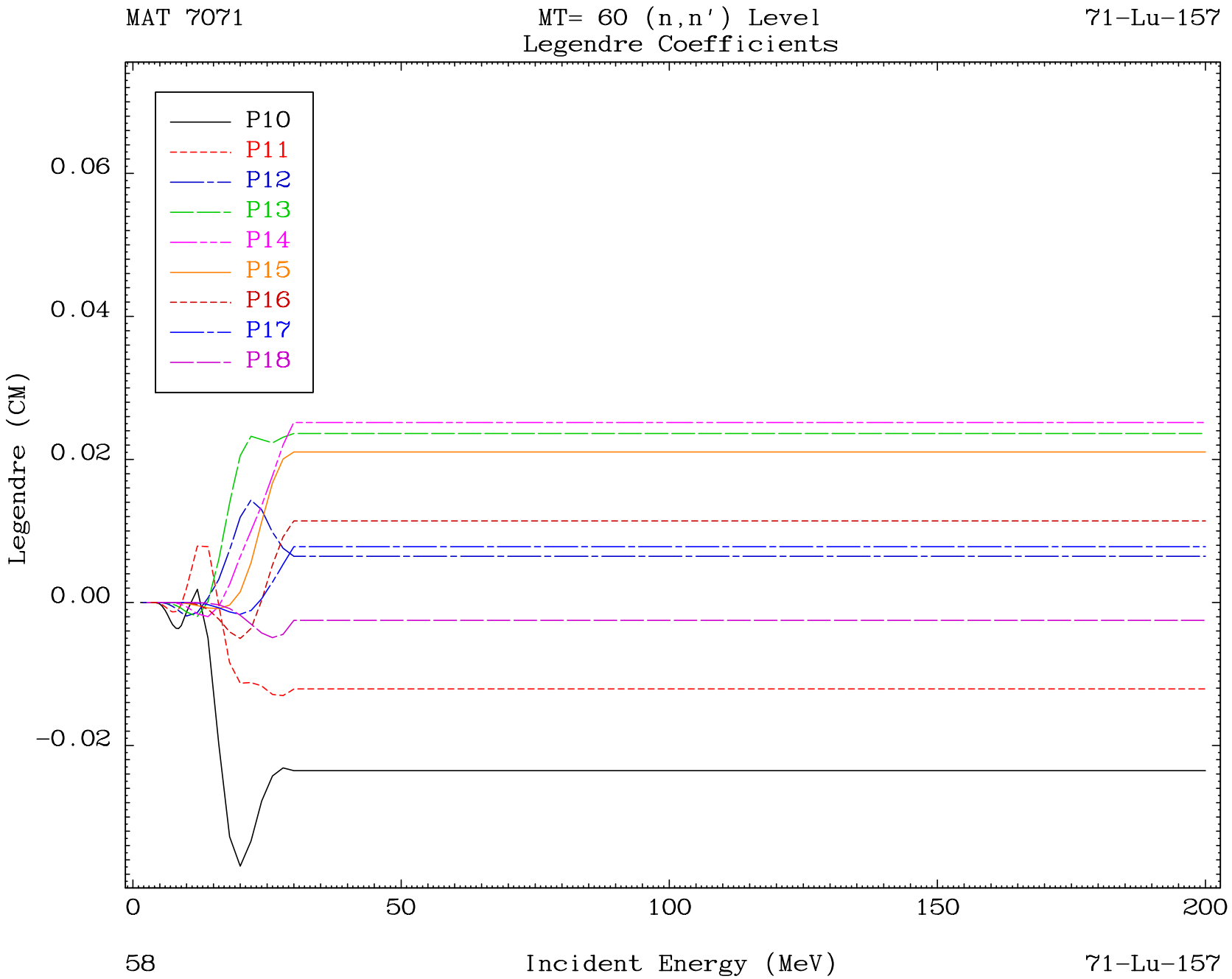

MAT 7071
MT= 59 (n,n') Level
Legendre Coefficients
71-Lu-157
Legendre (CM)
0.4
0.3
0.2
0.1
0.0
-0.1
0
50
100
150
200
Incident Energy (MeV)
53
71-Lu-157
P1
P2
P3
P4
P5
P6
P7
P8
P9

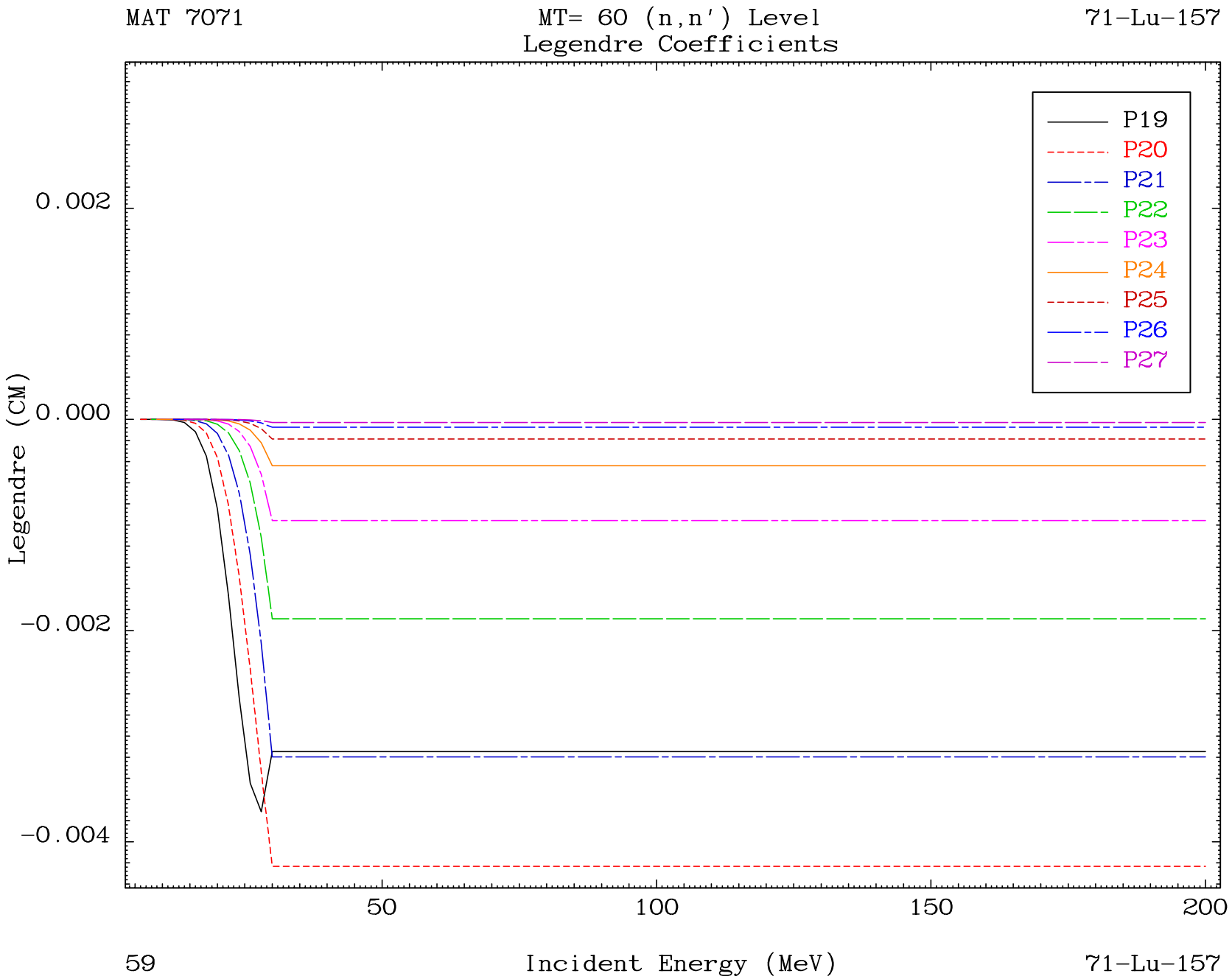

MAT 7071
MT= 59 (n,n') Level
Legendre Coefficients
71-Lu-157
P10
P11
P12
P13
P14
P15
P16
P17
P18
0.06
0.04
0.02
0.00
-0.02
Legendre (CM)
0
50
100
150
200
54
Incident Energy (MeV)
71-Lu-157

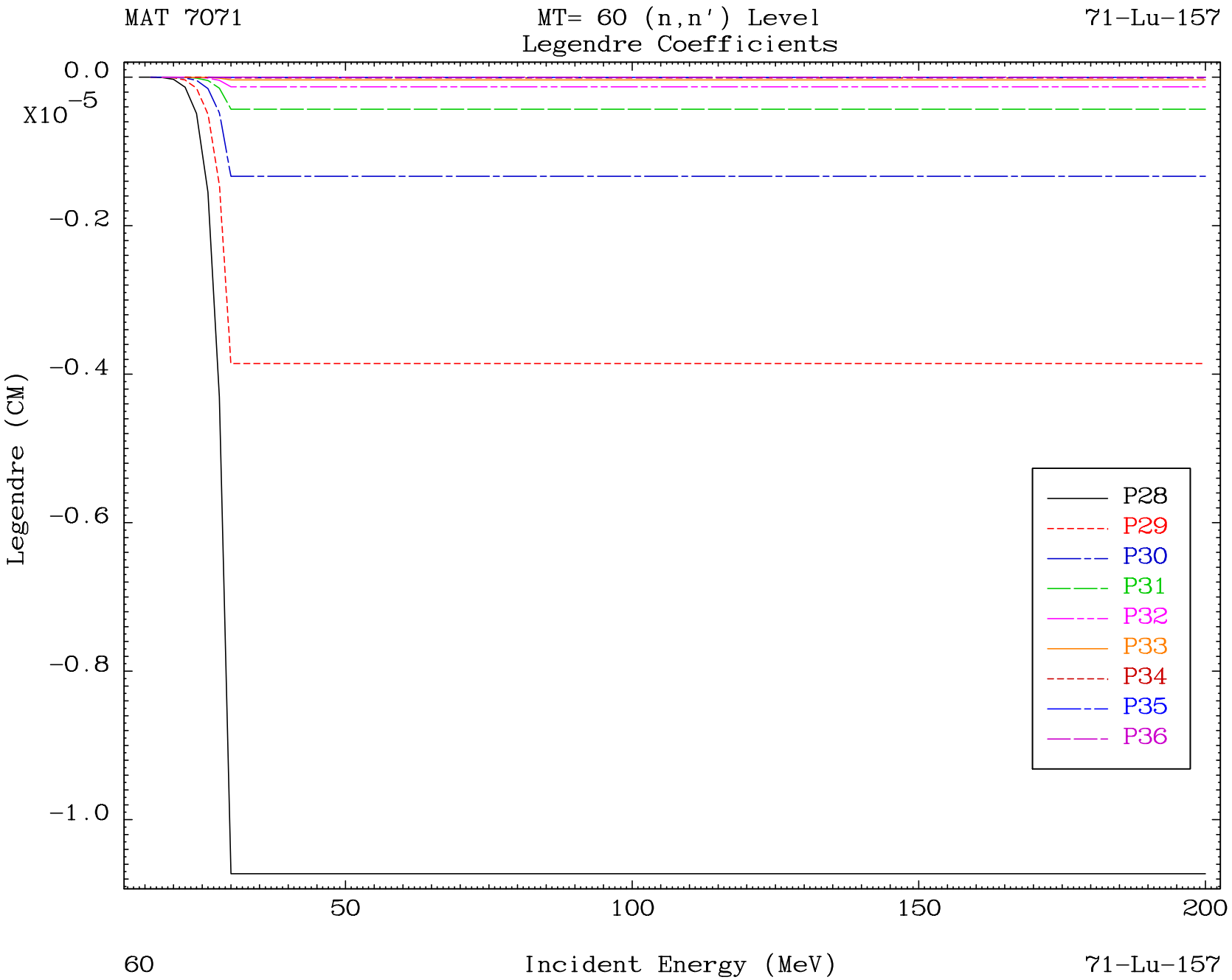

MAT 7071
MT= 59 (n,n') Level
Legendre Coefficients
71-Lu-157
P19
P20
P21
P22
P23
P24
P25
P26
P27
0.002
0.000
-0.002
-0.004
Legendre (CM)
50
100
150
200
55
Incident Energy (MeV)
71-Lu-157

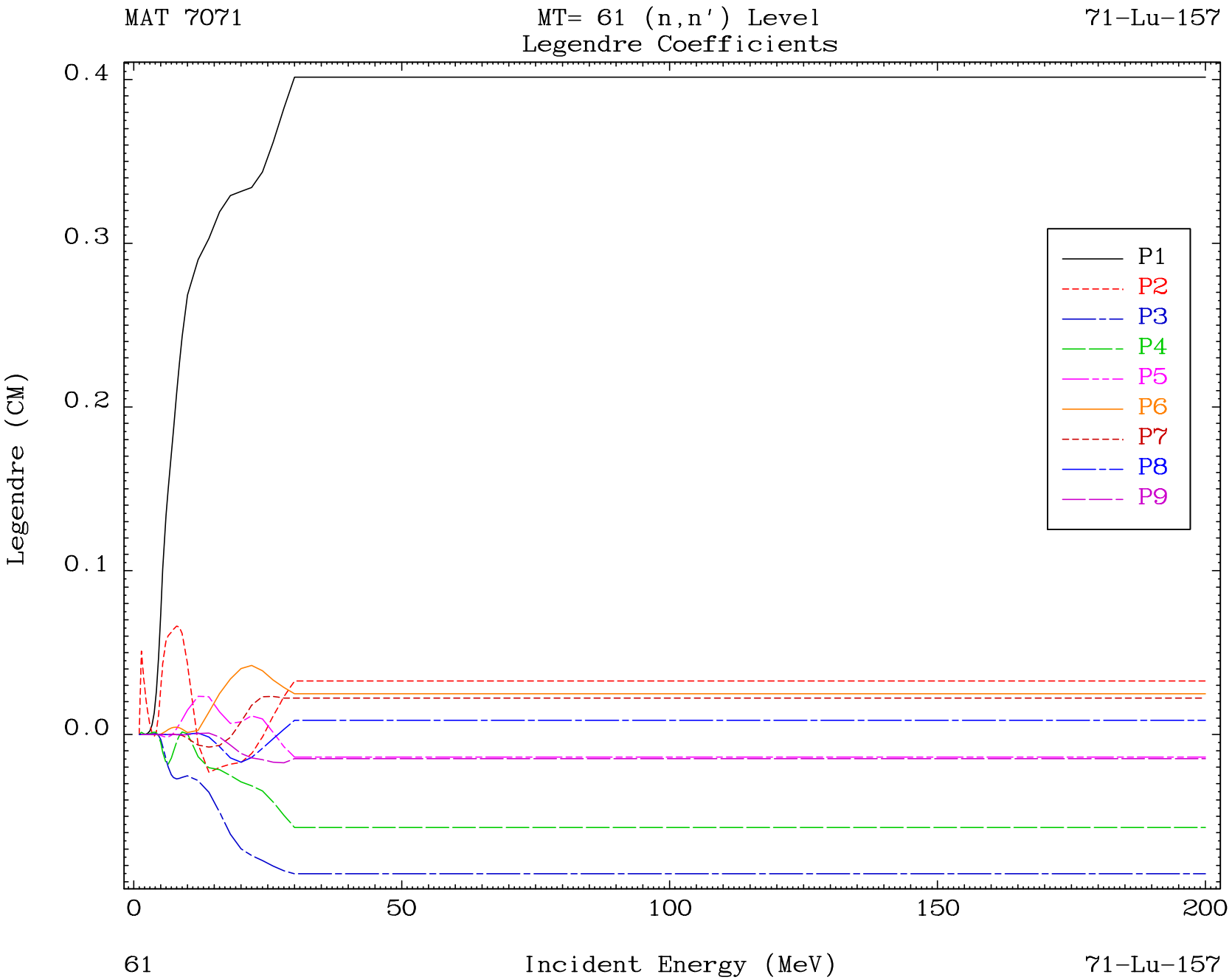

MAT 7071
MT= 59 (n,n') Level
Legendre Coefficients
71-Lu-157
0.0
X10^-5
-0.2
-0.4
-0.6
-0.8
-1.0
Legendre (CM)
50
100
150
200
56
Incident Energy (MeV)
71-Lu-157
P28
P29
P30
P31
P32
P33
P34
P35
P36

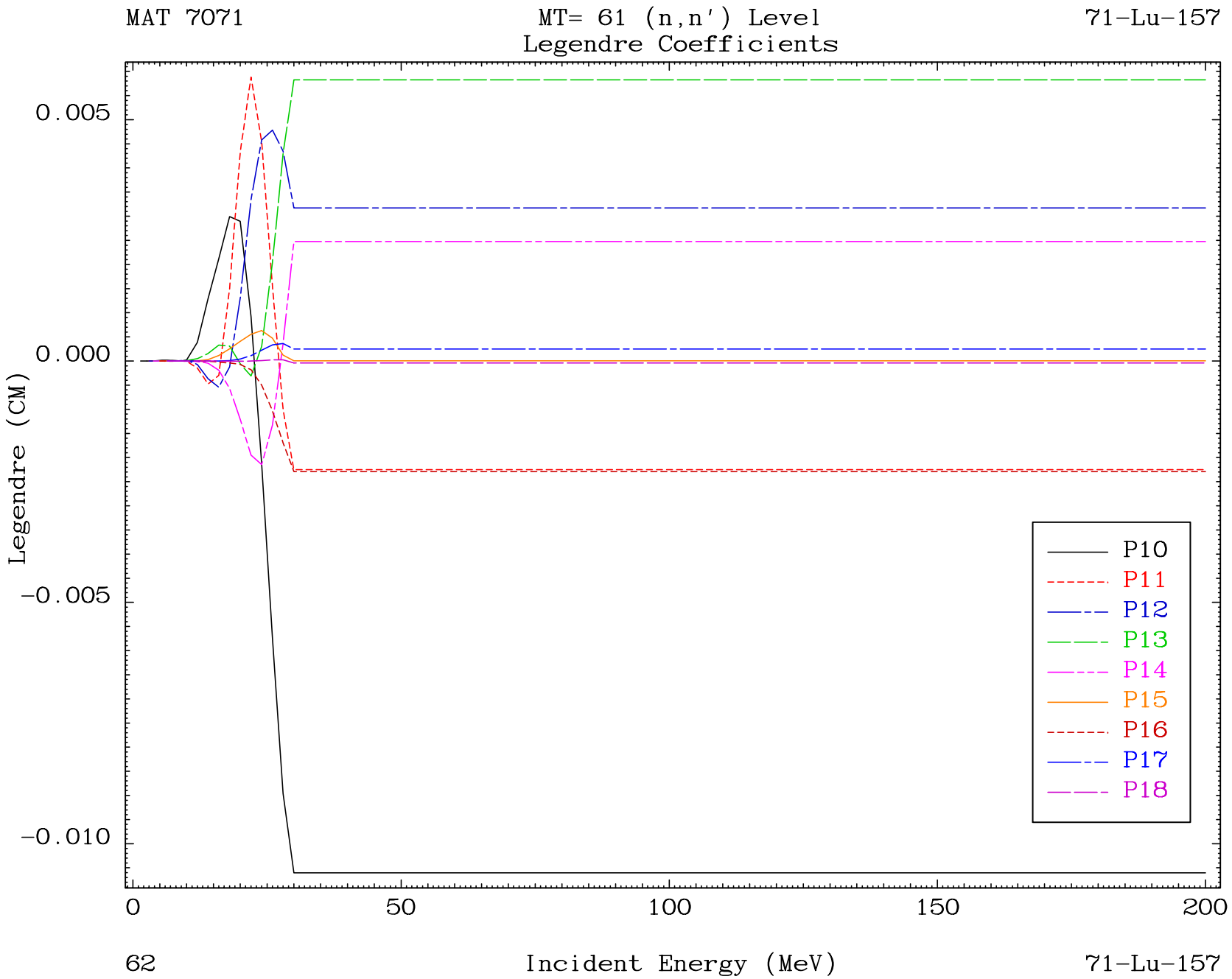

MAT 7071
MT= 60 (n,n') Level
Legendre Coefficients
71-Lu-157
Legendre (CM)
0.4
0.3
0.2
0.1
0.0
-0.1
0
50
100
150
200
57
Incident Energy (MeV)
71-Lu-157
P1
P2
P3
P4
P5
P6
P7
P8
P9

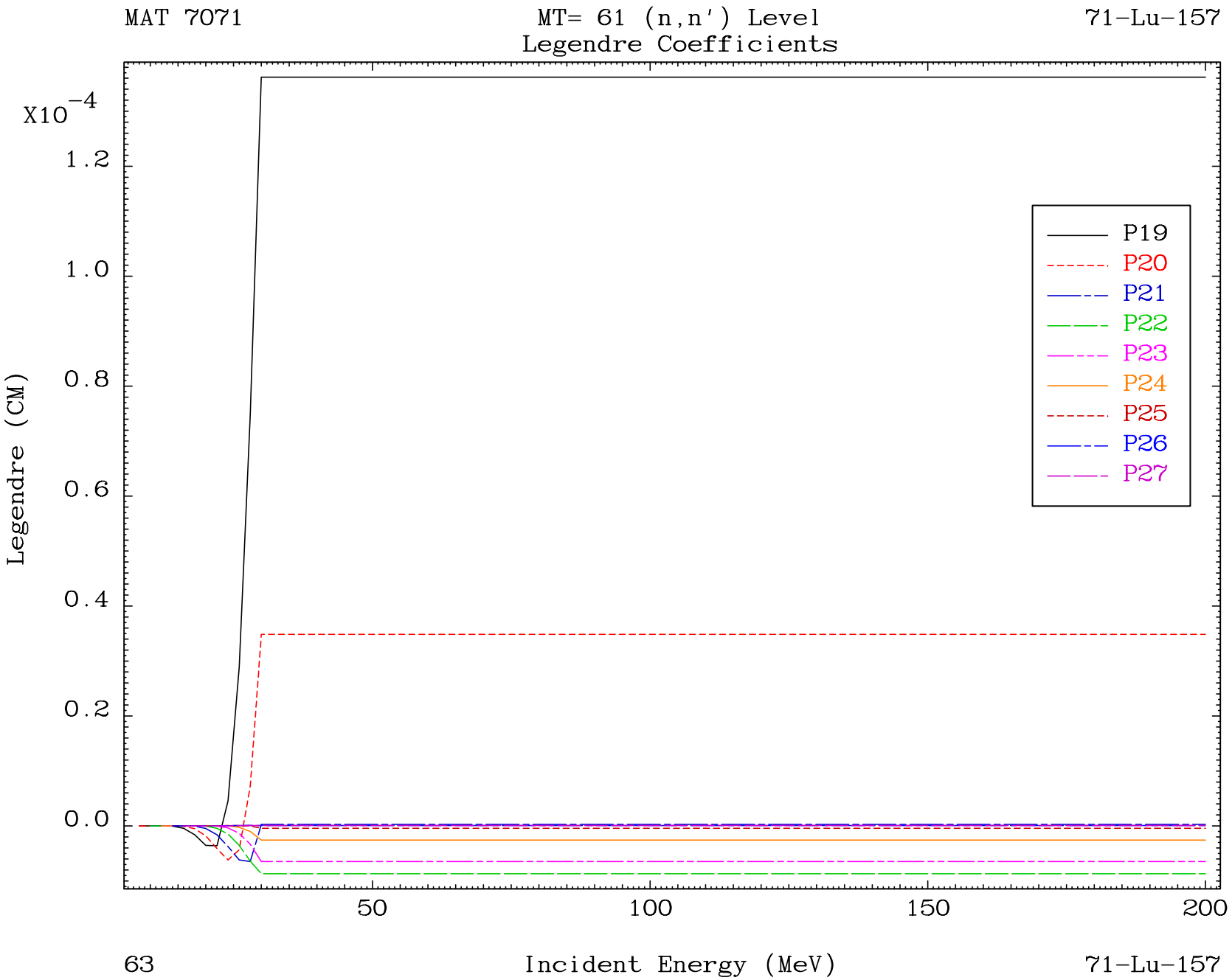

MAT 7071
MT= 60 (n,n') Level
Legendre Coefficients
71-Lu-157
P10
P11
P12
P13
P14
P15
P16
P17
P18
0.06
0.04
0.02
0.00
-0.02
Legendre (CM)
0
50
100
150
200
58
Incident Energy (MeV)
71-Lu-157

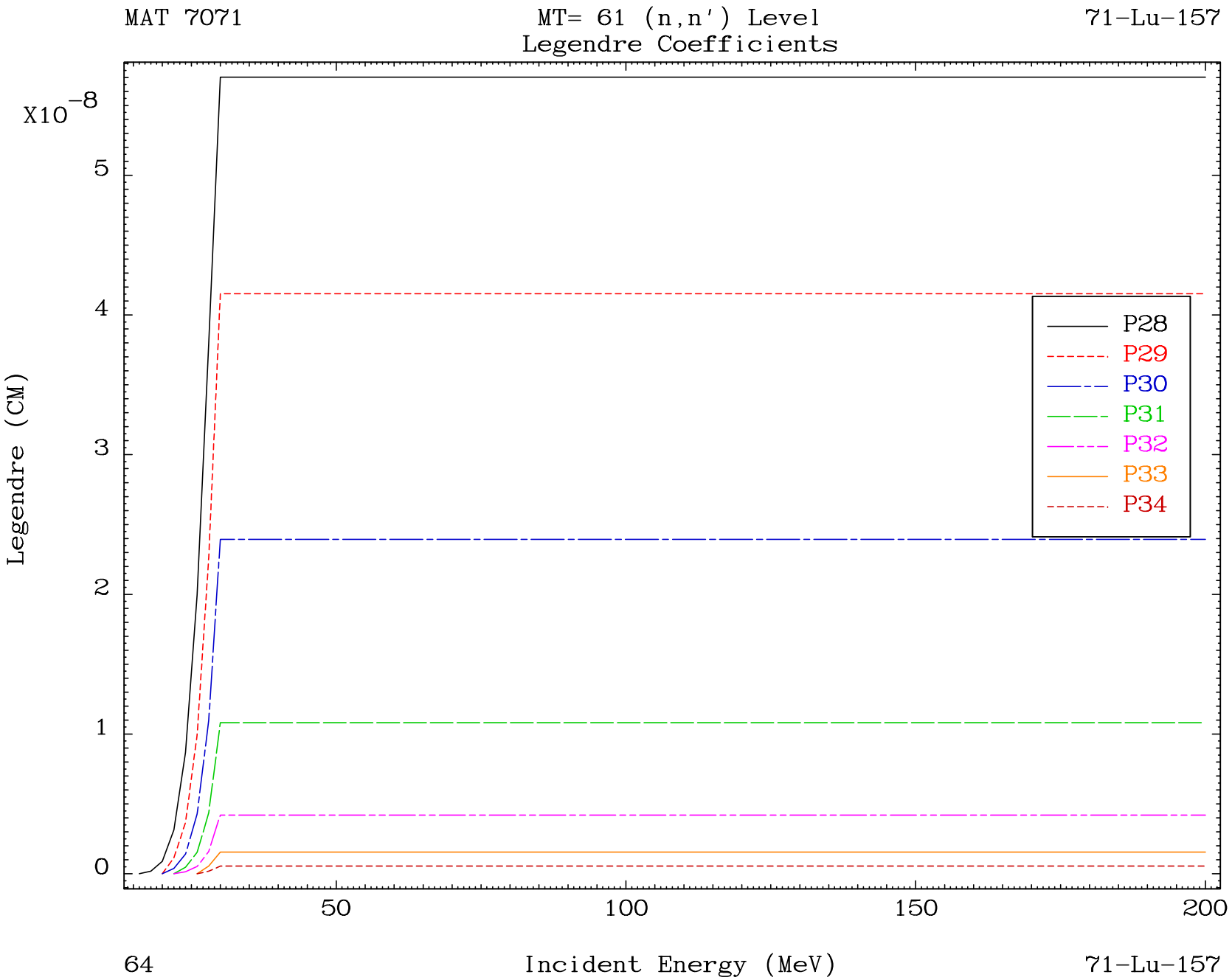

MAT 7071
MT= 60 (n,n') Level
Legendre Coefficients
71-Lu-157
P19
P20
P21
P22
P23
P24
P25
P26
P27
0.002
0.000
-0.002
-0.004
Legendre (CM)
50
100
150
200
59
Incident Energy (MeV)
71-Lu-157

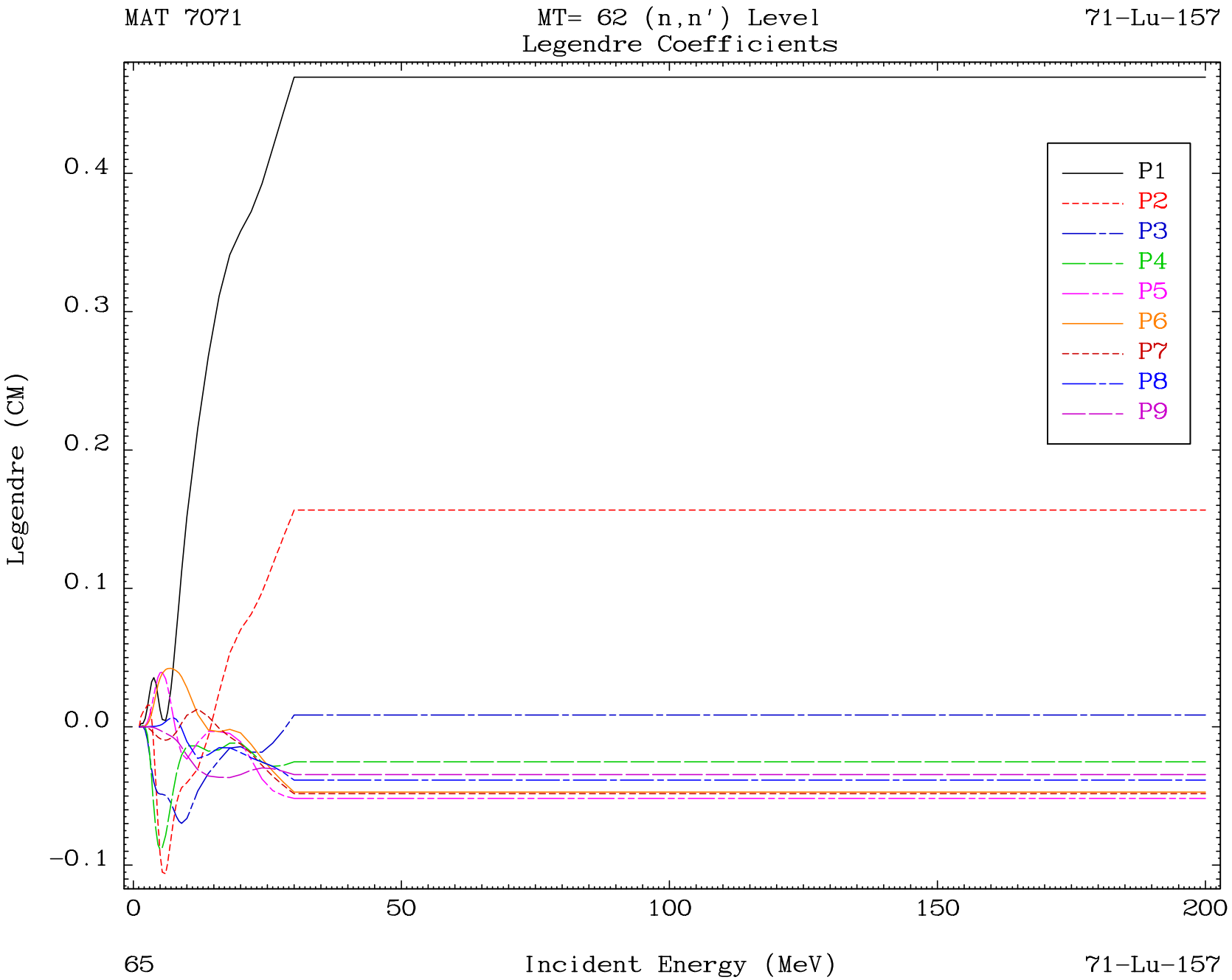

MAT 7071
MT= 60 (n,n') Level
Legendre Coefficients
71-Lu-157
0.0
X10^-5
-0.2
-0.4
-0.6
-0.8
-1.0
Legendre (CM)
50
100
150
200
60
Incident Energy (MeV)
71-Lu-157
P28
P29
P30
P31
P32
P33
P34
P35
P36

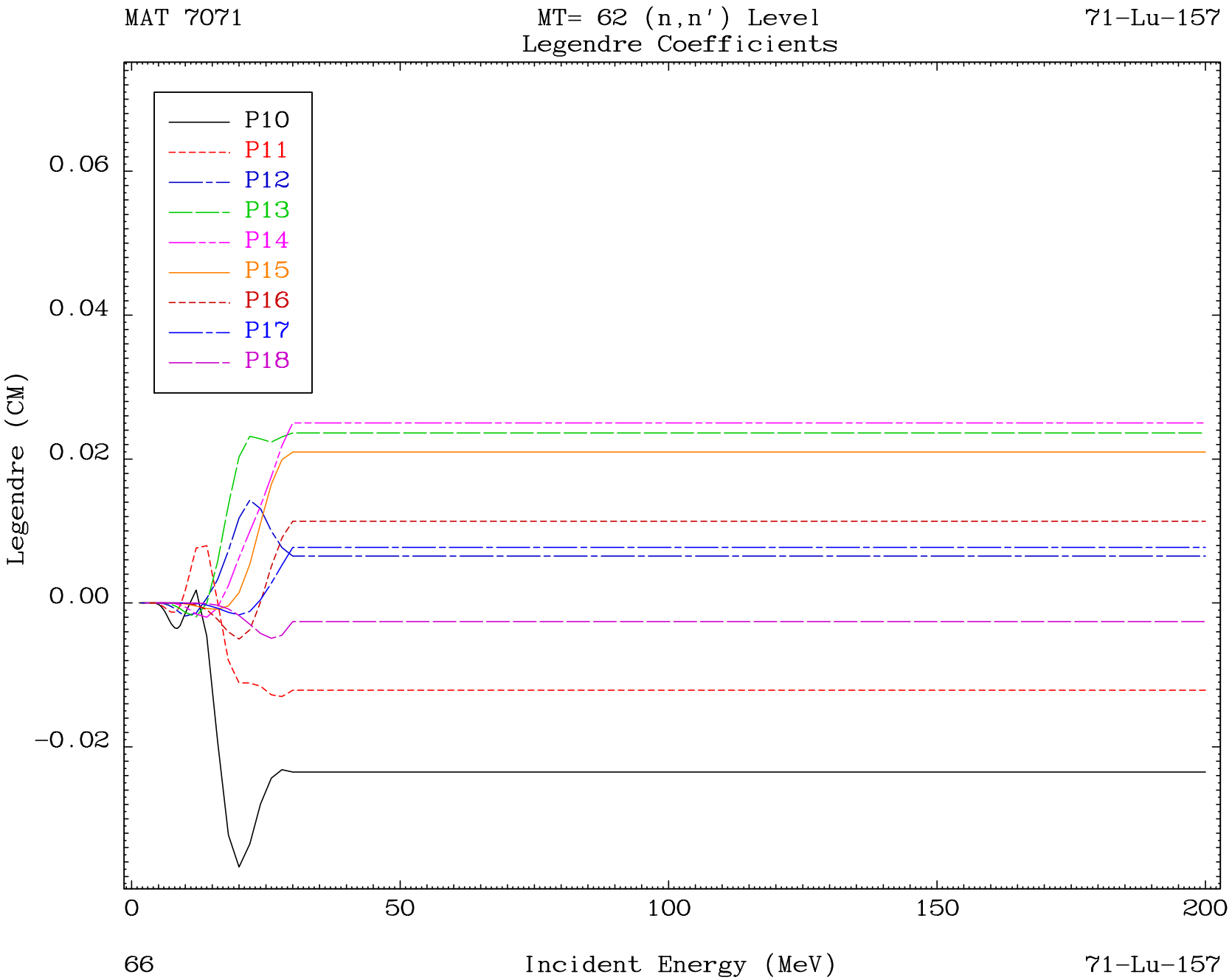

MAT 7071
MT= 61 (n,n') Level
Legendre Coefficients
71-Lu-157
Legendre (CM)
0.4
0.3
0.2
0.1
0.0
0
50
100
150
200
P1
P2
P3
P4
P5
P6
P7
P8
P9
61
Incident Energy (MeV)
71-Lu-157

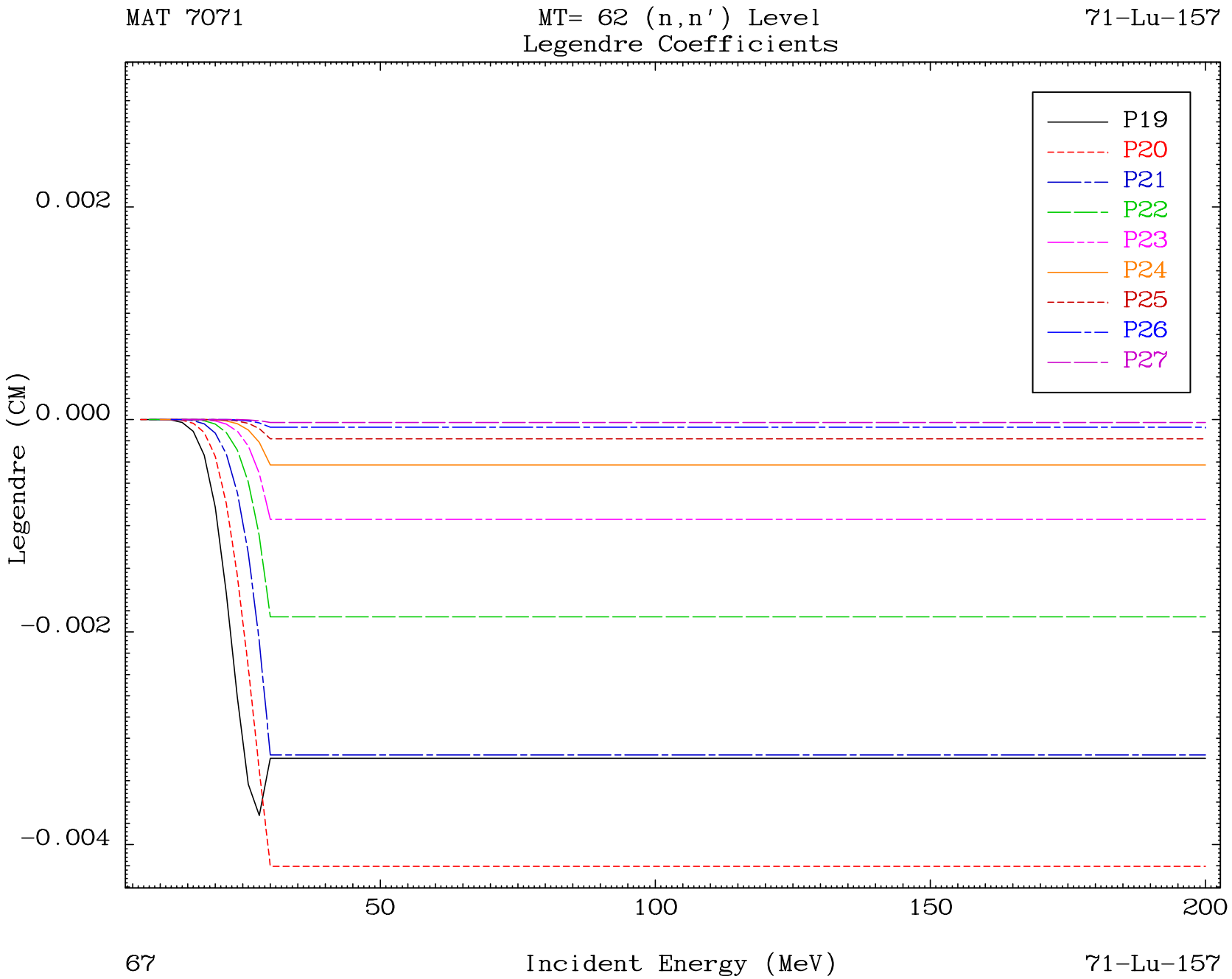

MAT 7071
MT= 61 (n,n') Level
Legendre Coefficients
71-Lu-157
0.005
0.000
-0.005
-0.010
Legendre (CM)
0
50
100
150
200
62
Incident Energy (MeV)
71-Lu-157
P10
P11
P12
P13
P14
P15
P16
P17
P18

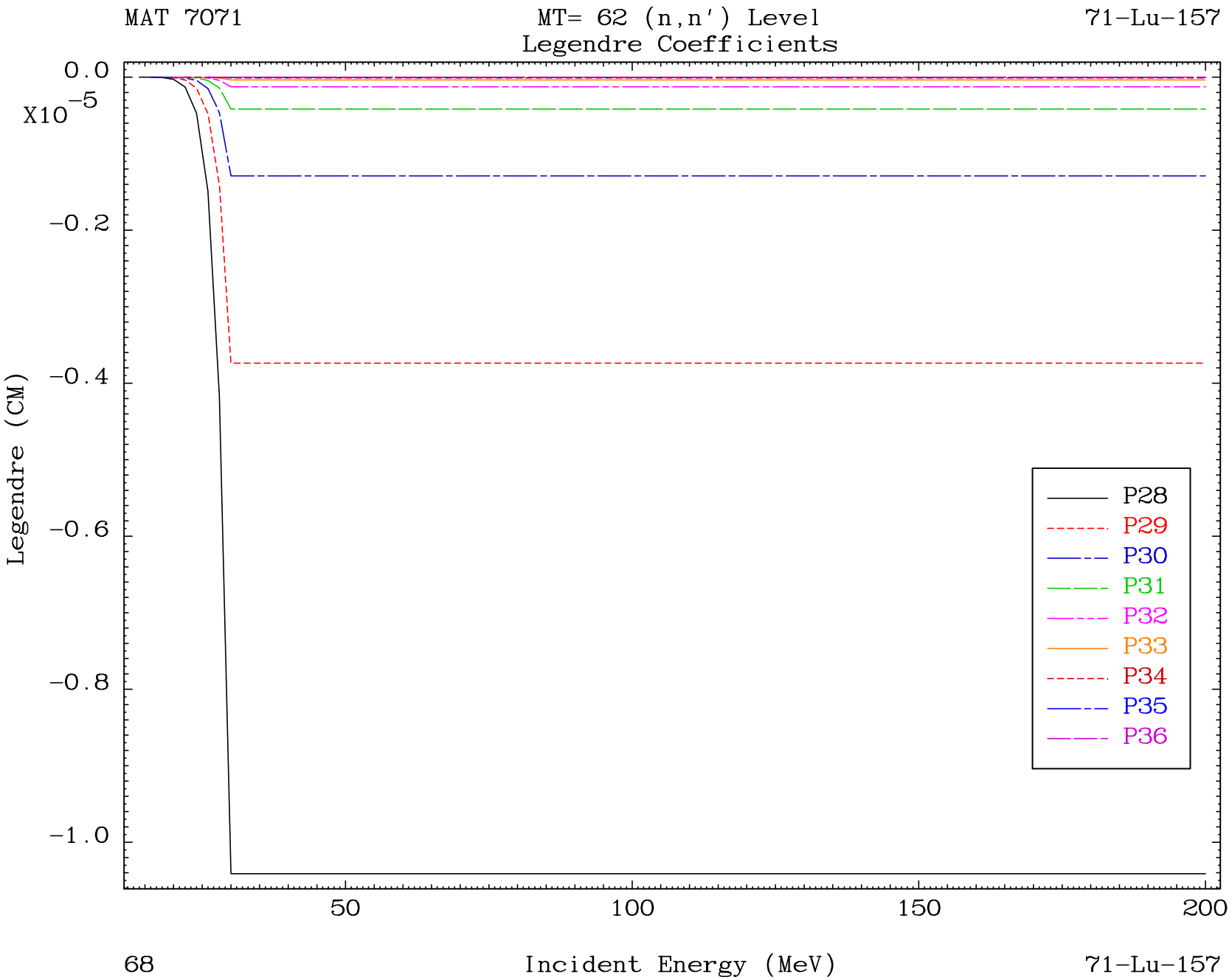

MAT 7071
MT= 61 (n,n') Level
Legendre Coefficients
71-Lu-157
X10^-4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
P27
50
100
150
200
63
Incident Energy (MeV)
71-Lu-157

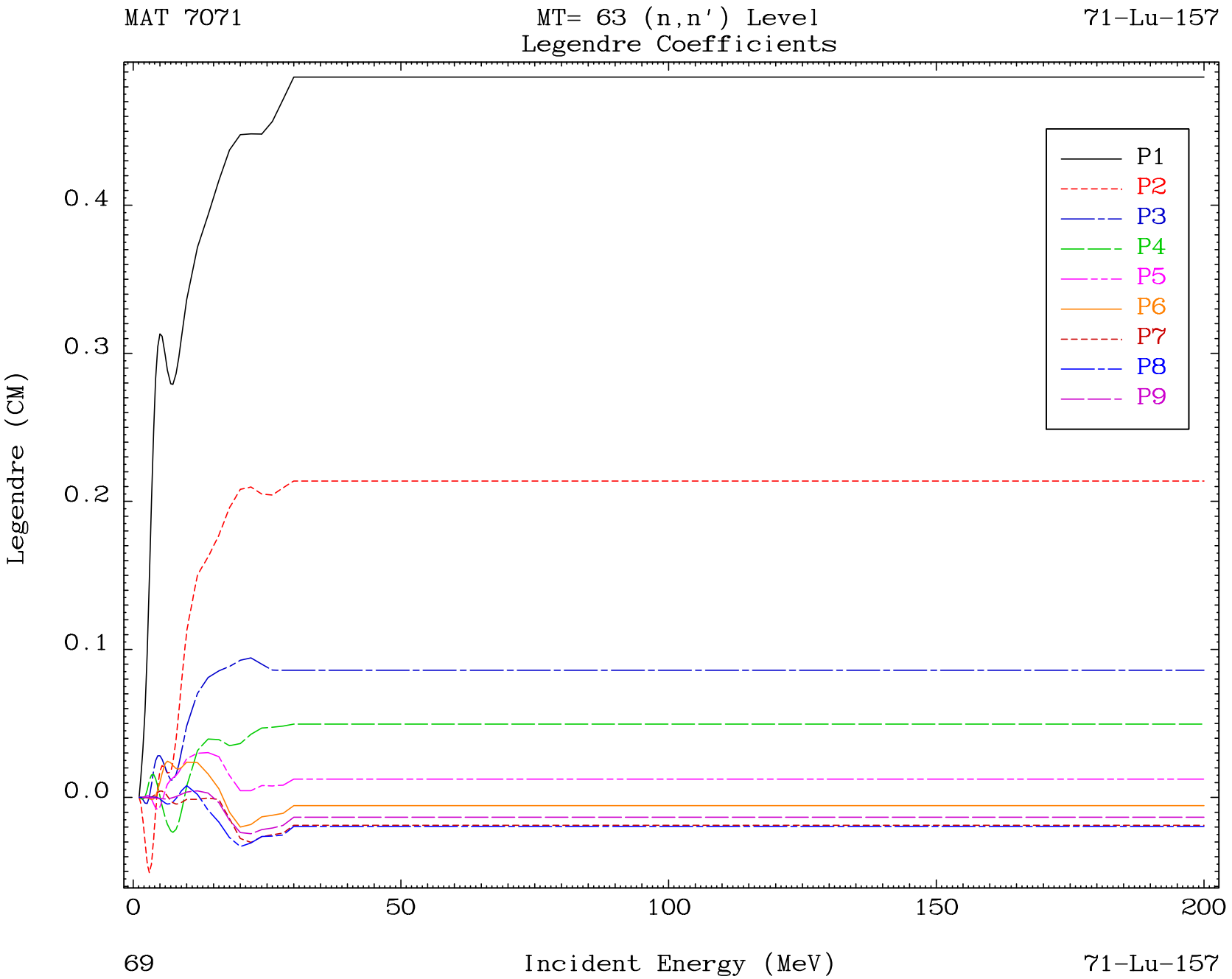

MAT 7071
MT= 61 (n,n') Level
Legendre Coefficients
71-Lu-157
X10-8
5
4
3
2
1
0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
50
100
150
200
64
Incident Energy (MeV)
71-Lu-157

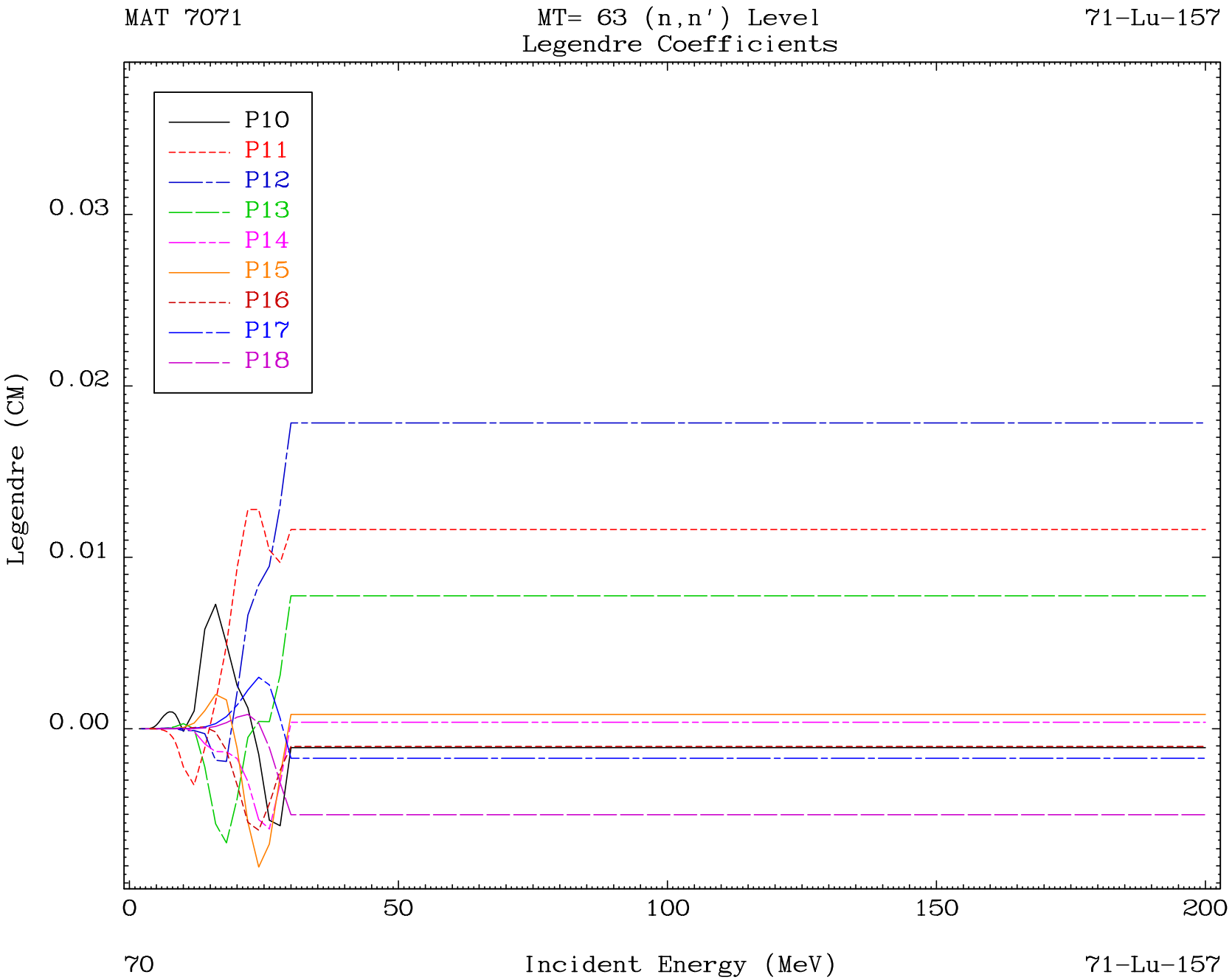

MAT 7071
MT= 62 (n,n') Level
Legendre Coefficients
71-Lu-157
Legendre (CM)
0.4
0.3
0.2
0.1
0.0
-0.1
0
50
100
150
200
65
Incident Energy (MeV)
71-Lu-157
P1
P2
P3
P4
P5
P6
P7
P8
P9

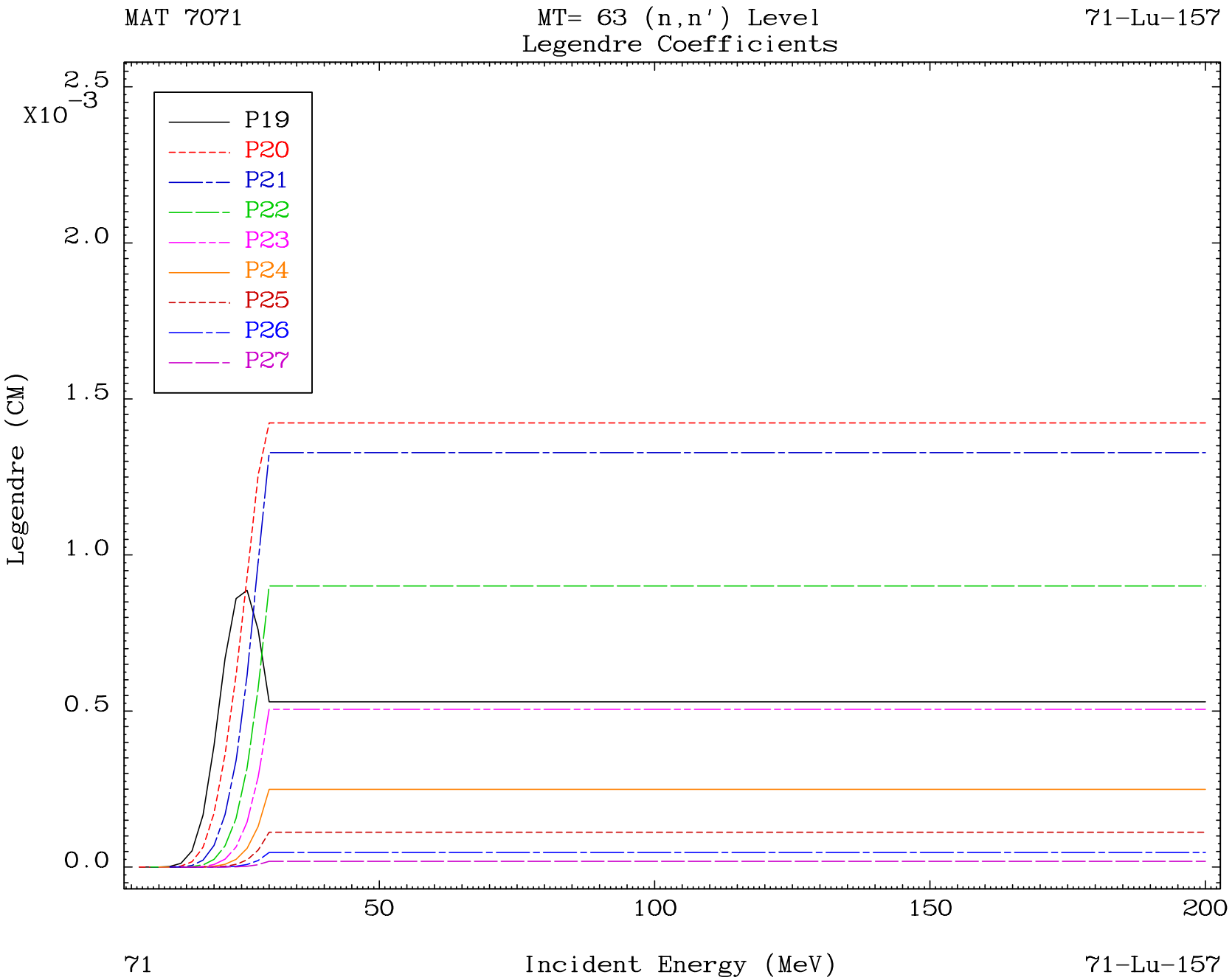

MAT 7071
MT= 62 (n,n') Level
Legendre Coefficients
71-Lu-157
P10
P11
P12
P13
P14
P15
P16
P17
P18
0.06
0.04
0.02
0.00
-0.02
Legendre (CM)
0
50
100
150
200
66
Incident Energy (MeV)
71-Lu-157

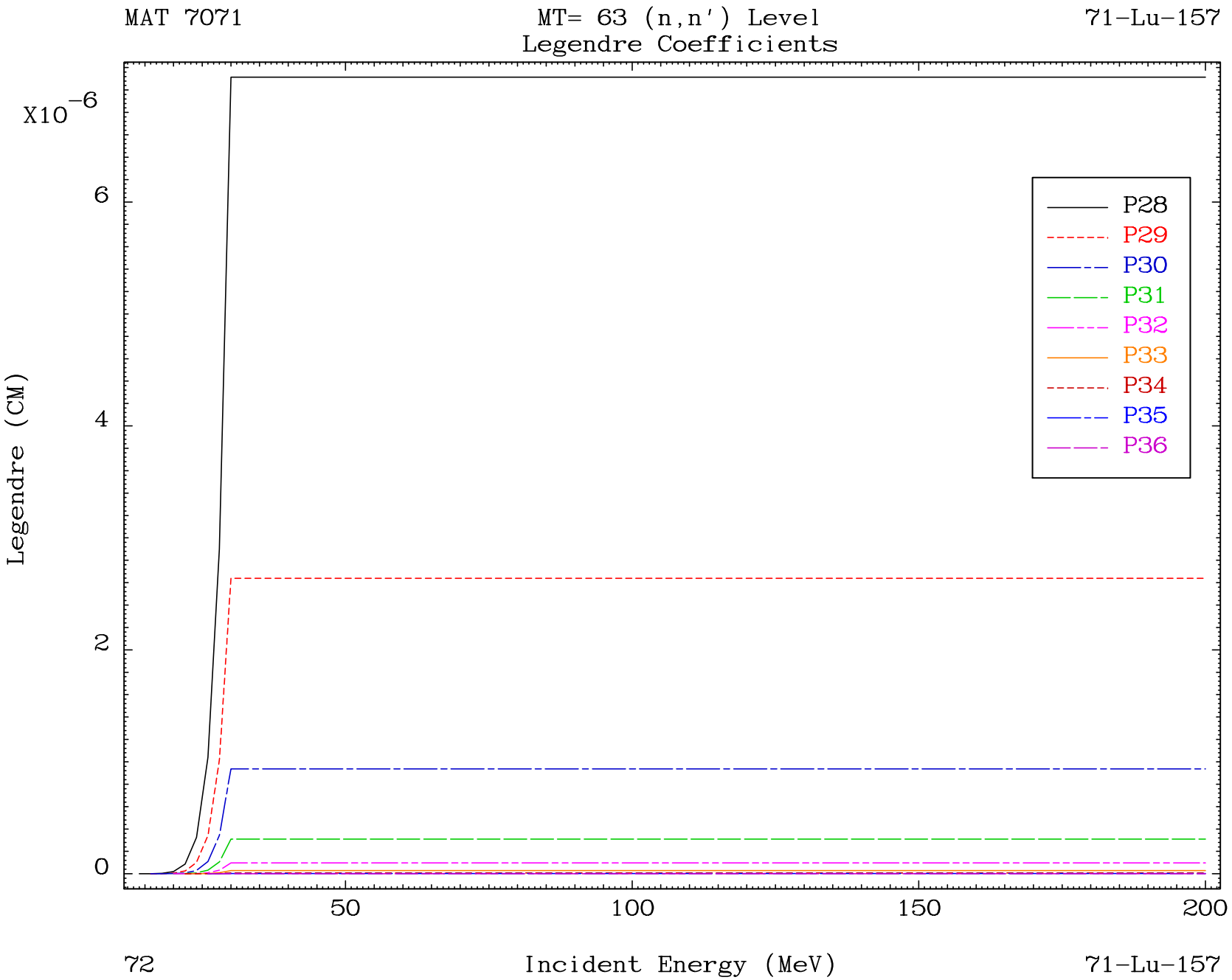

MAT 7071
MT= 62 (n,n') Level
Legendre Coefficients
71-Lu-157
P19
P20
P21
P22
P23
P24
P25
P26
P27
0.002
0.000
-0.002
-0.004
Legendre (CM)
50
100
150
200
67
Incident Energy (MeV)
71-Lu-157

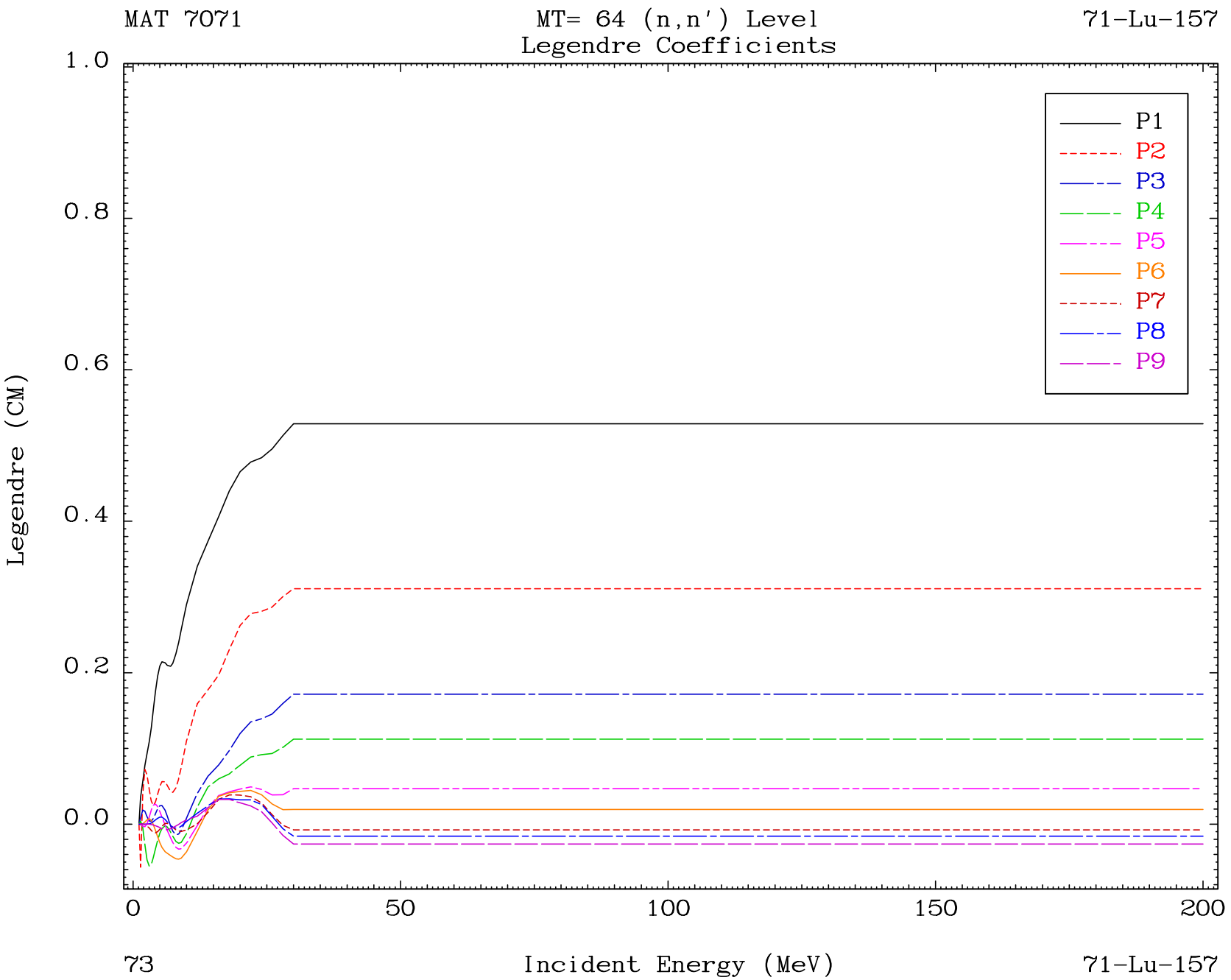

MAT 7071
MT= 62 (n,n') Level
Legendre Coefficients
71-Lu-157
0.0
X10^-5
-0.2
-0.4
-0.6
-0.8
-1.0
Legendre (CM)
50
100
150
200
68
Incident Energy (MeV)
71-Lu-157
P28
P29
P30
P31
P32
P33
P34
P35
P36

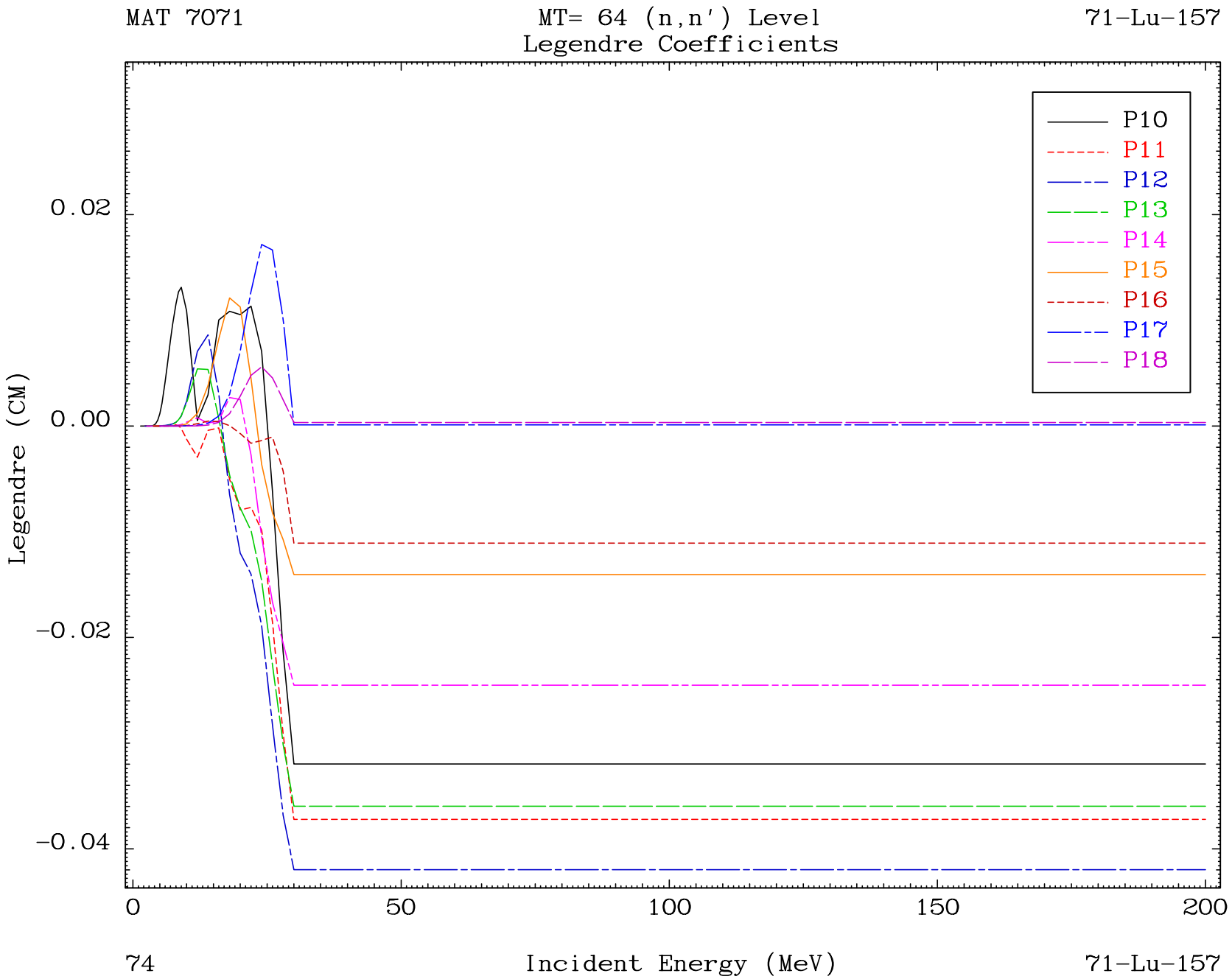

MAT 7071
MT= 63 (n,n') Level
Legendre Coefficients
71-Lu-157
Legendre (CM)
0.4
0.3
0.2
0.1
0.0
0
50
100
150
200
P1
P2
P3
P4
P5
P6
P7
P8
P9
69
Incident Energy (MeV)
71-Lu-157

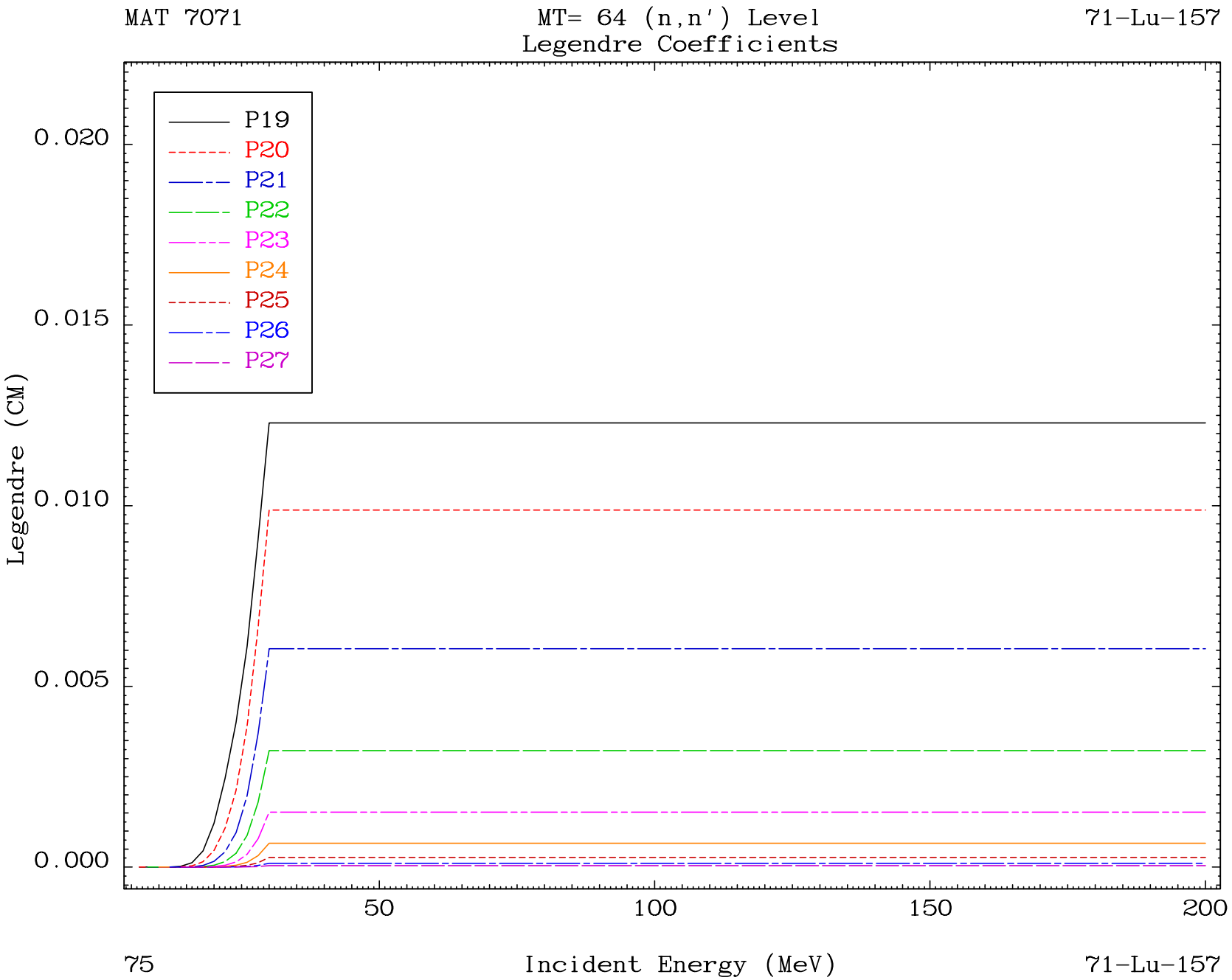

MAT 7071
MT= 63 (n,n') Level
Legendre Coefficients
71-Lu-157
P10
P11
P12
P13
P14
P15
P16
P17
P18
0.03
0.02
0.01
0.00
Legendre (CM)
0
50
100
150
200
70
Incident Energy (MeV)
71-Lu-157

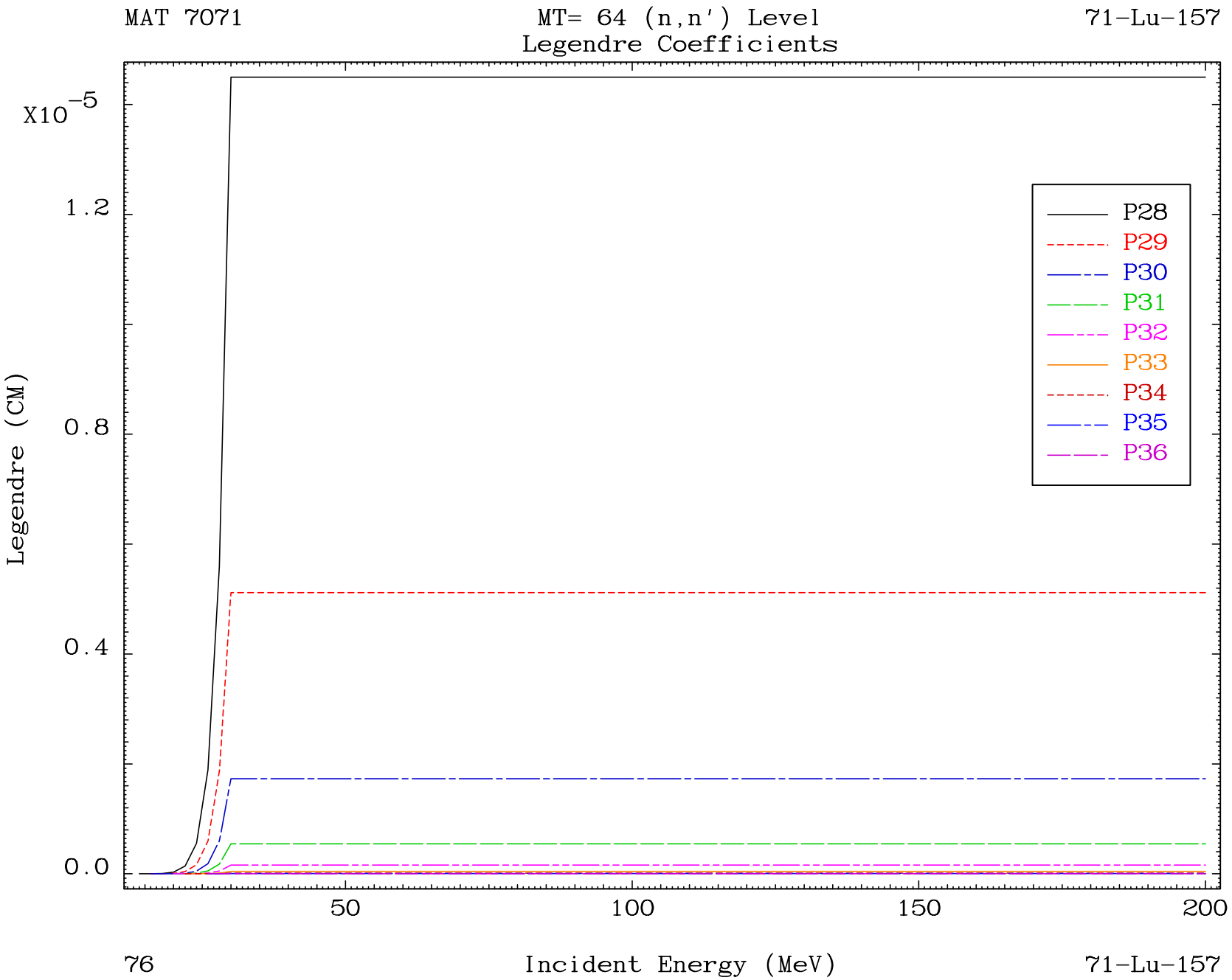

MAT 7071
MT= 63 (n,n') Level
Legendre Coefficients
71-Lu-157
X10-3
2.5
2.0
1.5
1.0
0.5
0.0
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
P27
50
100
150
200
71
Incident Energy (MeV)
71-Lu-157

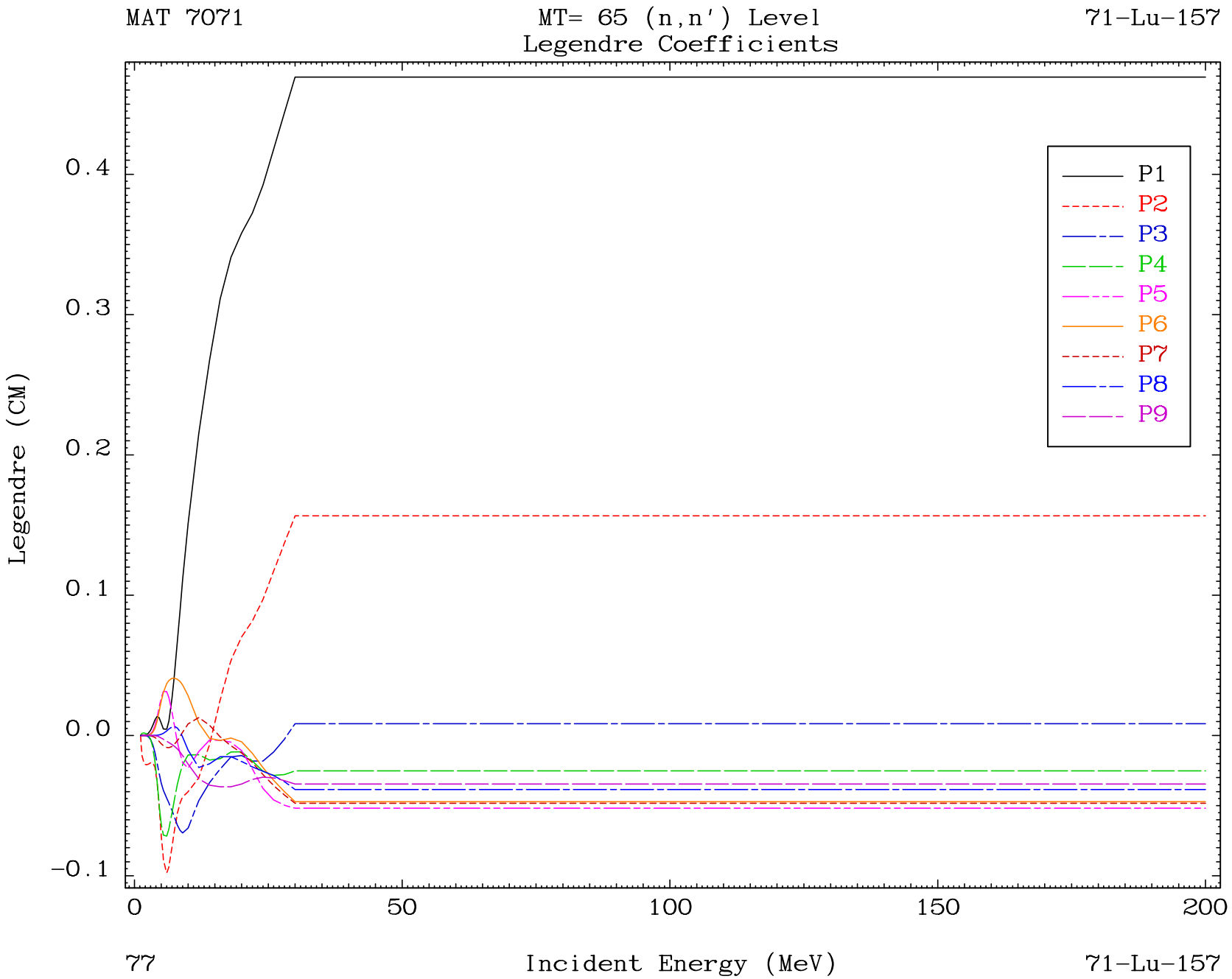

MAT 7071
MT= 63 (n,n') Level
Legendre Coefficients
71-Lu-157
X10^-6
6
4
2
0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
P35
P36
50
100
150
200
72
Incident Energy (MeV)
71-Lu-157

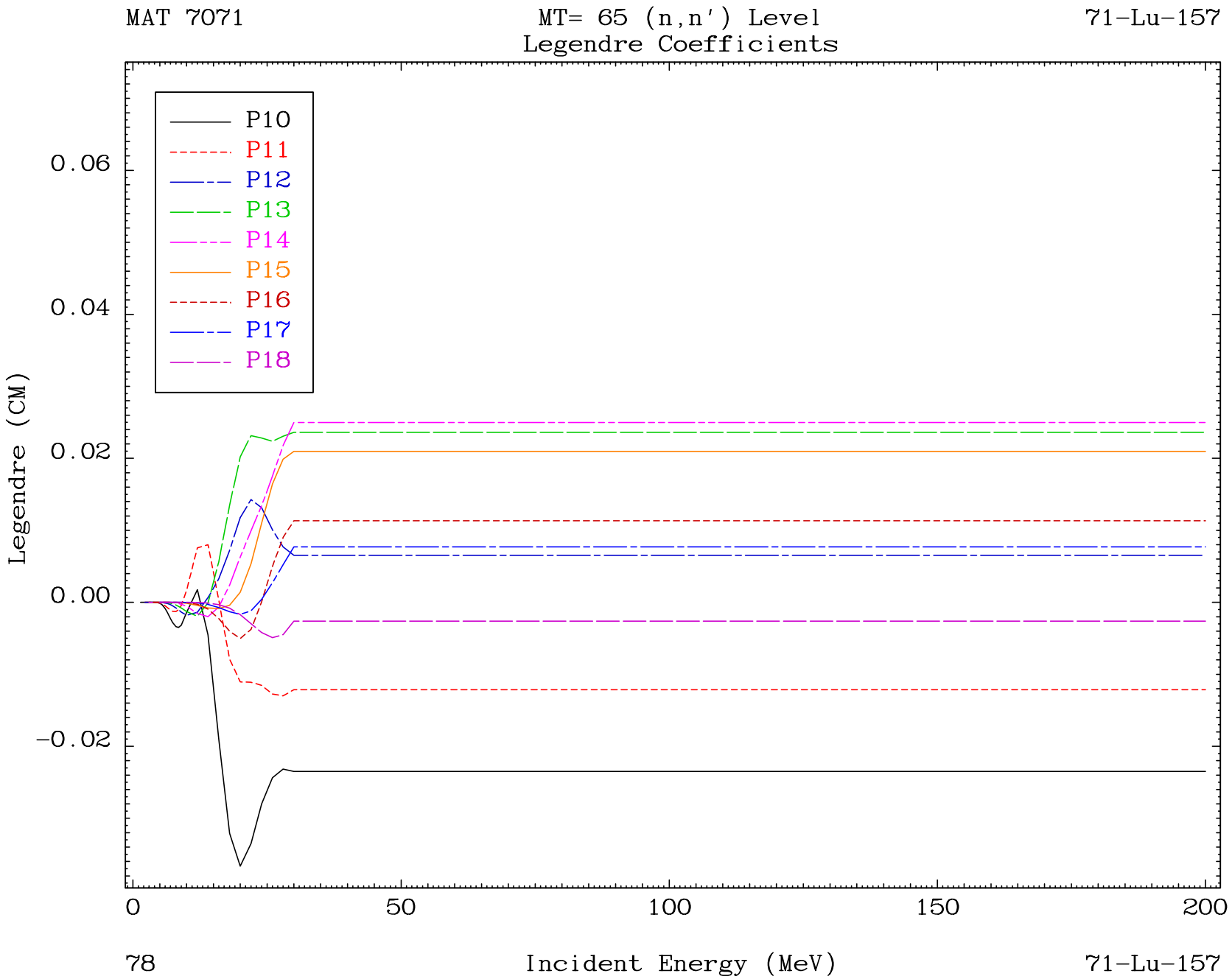

MAT 7071
MT= 64 (n,n') Level
Legendre Coefficients
71-Lu-157
1.0
0.8
0.6
0.4
0.2
0.0
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
0
50
100
150
200
73
Incident Energy (MeV)
71-Lu-157

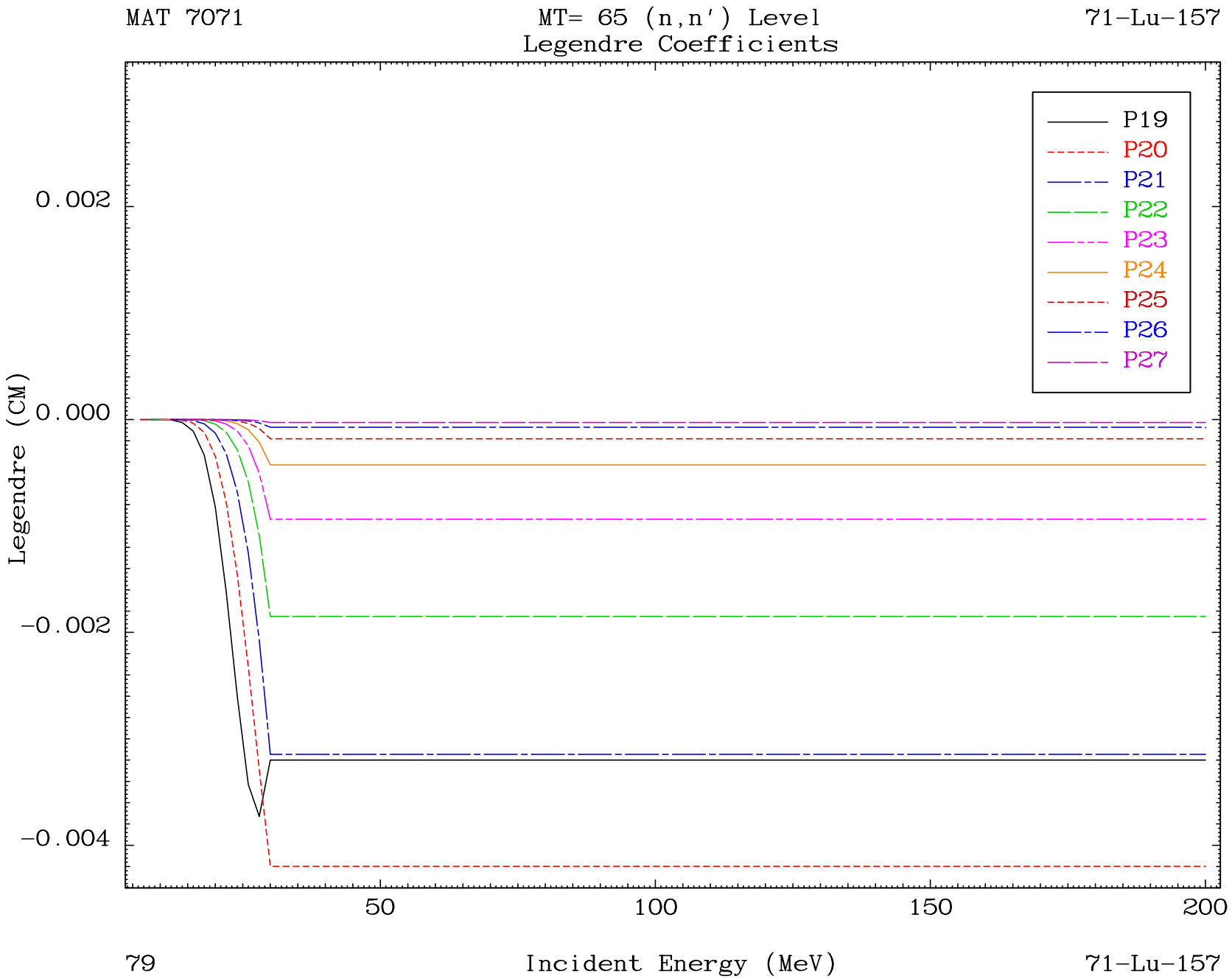

MAT 7071
MT= 64 (n,n') Level
Legendre Coefficients
71-Lu-157
P10
P11
P12
P13
P14
P15
P16
P17
P18
0.02
0.00
-0.02
-0.04
Legendre (CM)
0
50
100
150
200
74
Incident Energy (MeV)
71-Lu-157

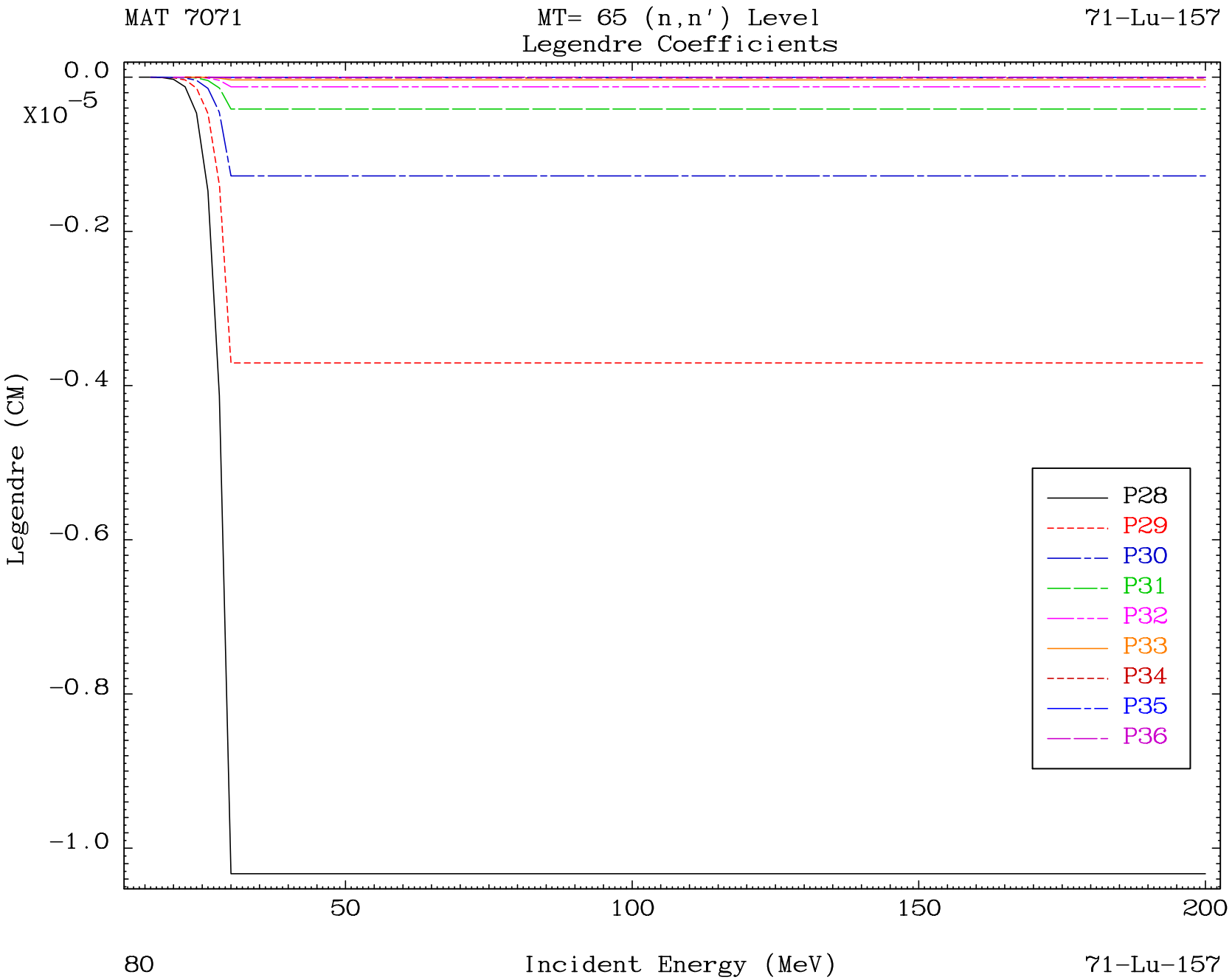

MAT 7071
MT= 64 (n,n') Level
Legendre Coefficients
71-Lu-157
P19
P20
P21
P22
P23
P24
P25
P26
P27
0.020
0.015
0.010
0.005
0.000
Legendre (CM)
50
100
150
200
75
Incident Energy (MeV)
71-Lu-157

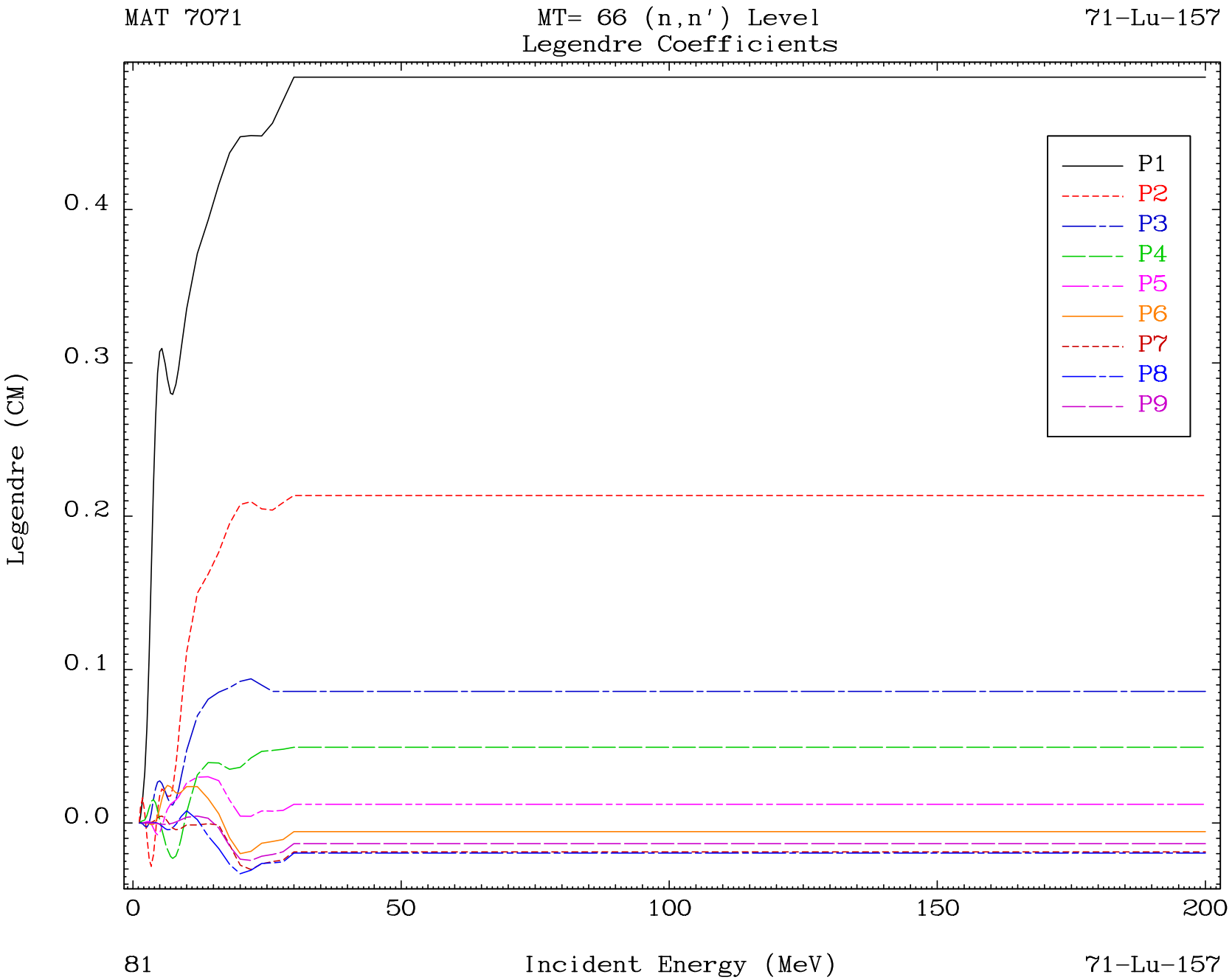

MAT 7071
MT= 64 (n,n') Level
Legendre Coefficients
71-Lu-157
X10-5
1.2
0.8
0.4
0.0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
P35
P36
50
100
150
200
76
Incident Energy (MeV)
71-Lu-157

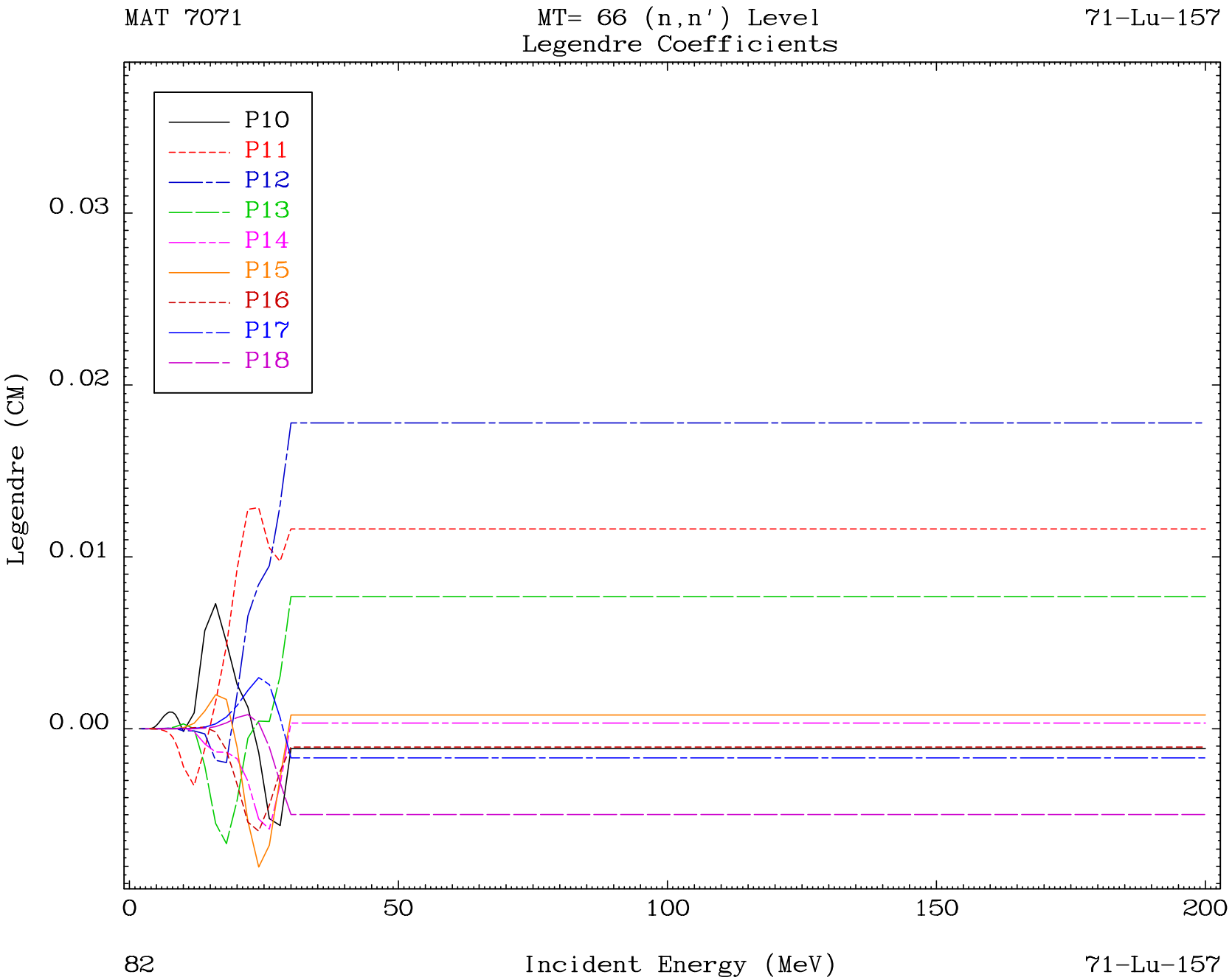

MAT 7071
MT= 65 (n,n') Level
Legendre Coefficients
71-Lu-157
Legendre (CM)
0.4
0.3
0.2
0.1
0.0
-0.1
0
50
100
150
200
77
Incident Energy (MeV)
71-Lu-157
P1
P2
P3
P4
P5
P6
P7
P8
P9

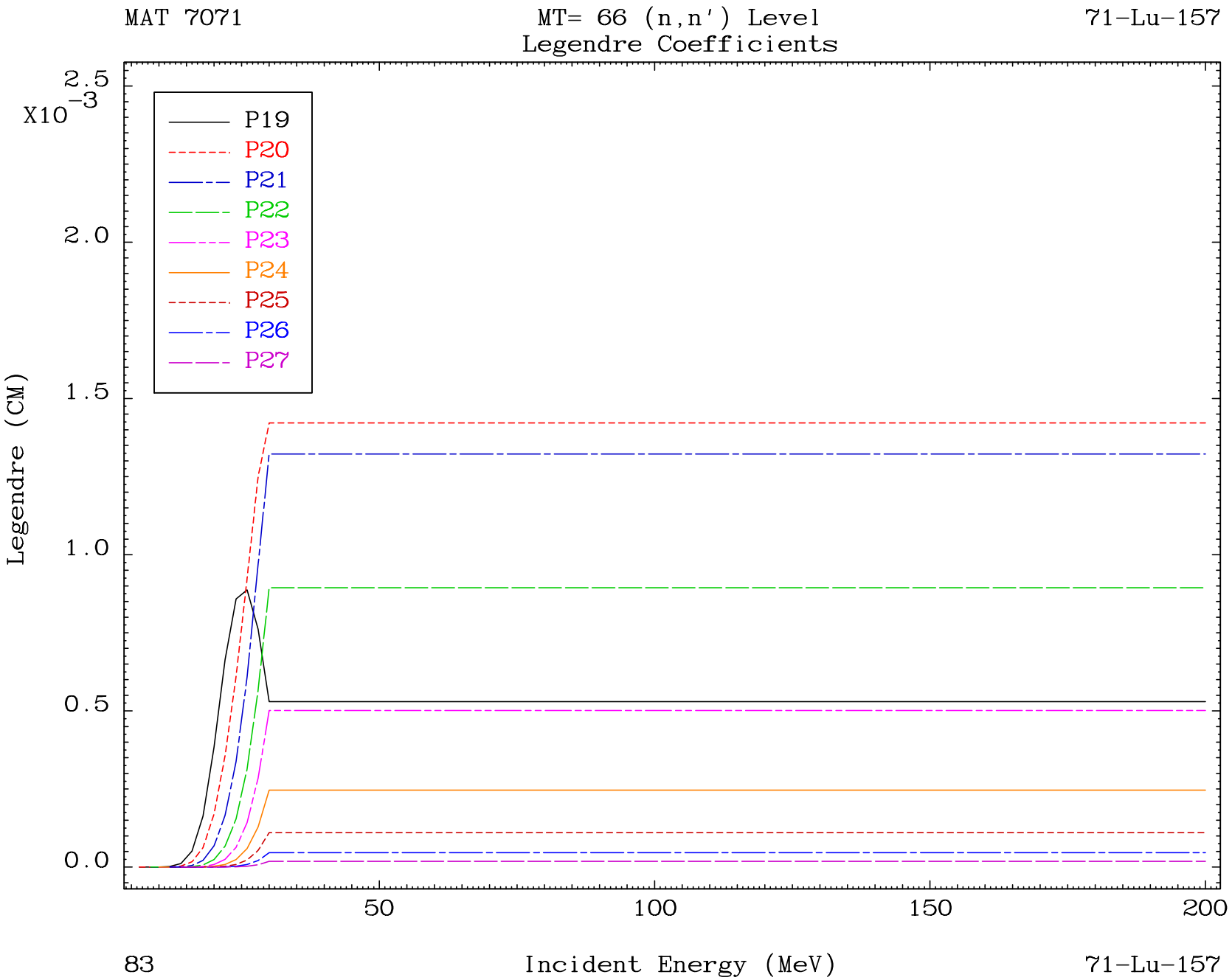

MAT 7071
MT= 65 (n,n') Level
Legendre Coefficients
71-Lu-157
P10
P11
P12
P13
P14
P15
P16
P17
P18
0.06
0.04
0.02
0.00
-0.02
Legendre (CM)
0
50
100
150
200
78
Incident Energy (MeV)
71-Lu-157

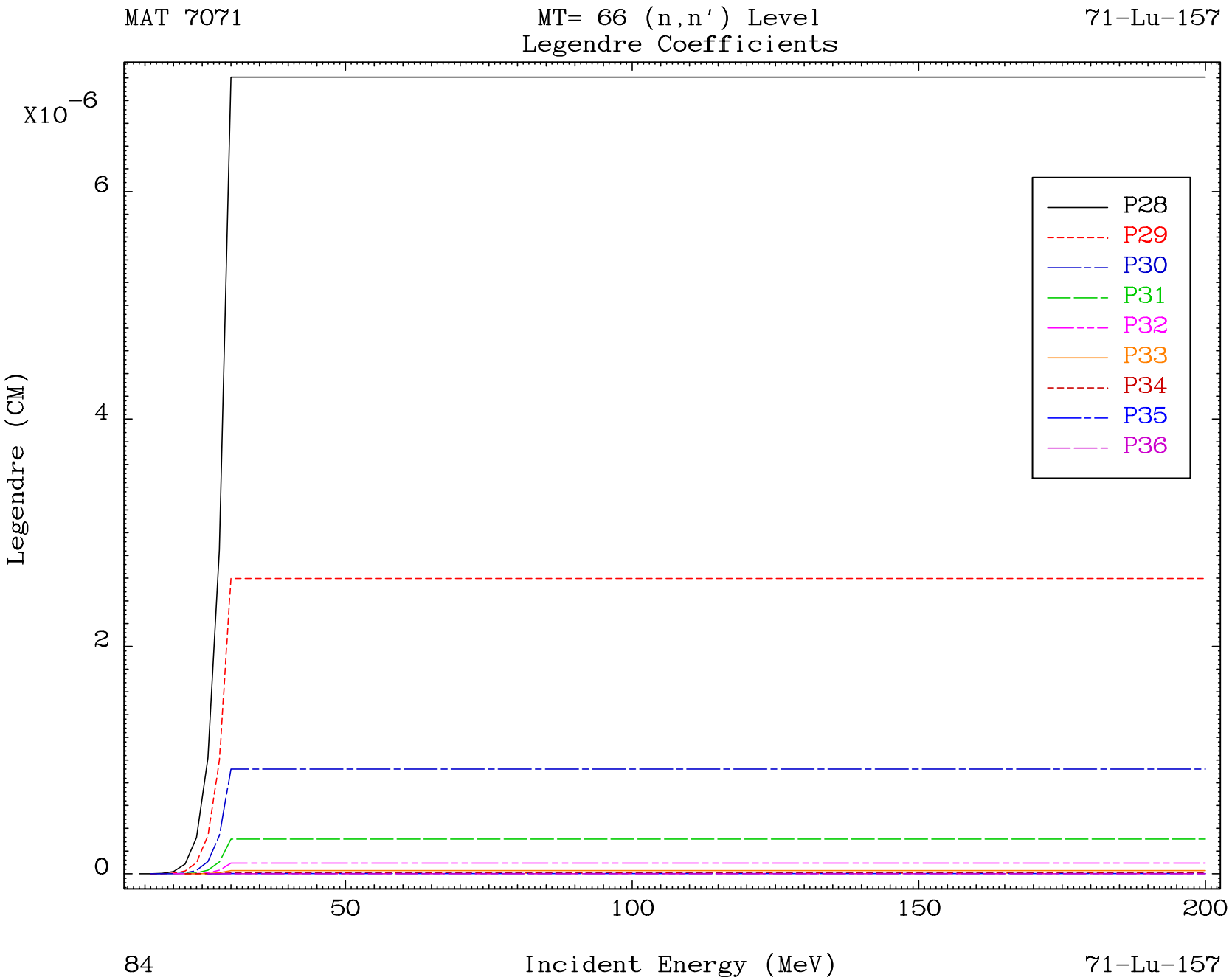

MAT 7071
MT= 65 (n,n') Level
Legendre Coefficients
71-Lu-157
P19
P20
P21
P22
P23
P24
P25
P26
P27
0.002
0.000
-0.002
-0.004
Legendre (CM)
50
100
150
200
79
Incident Energy (MeV)
71-Lu-157

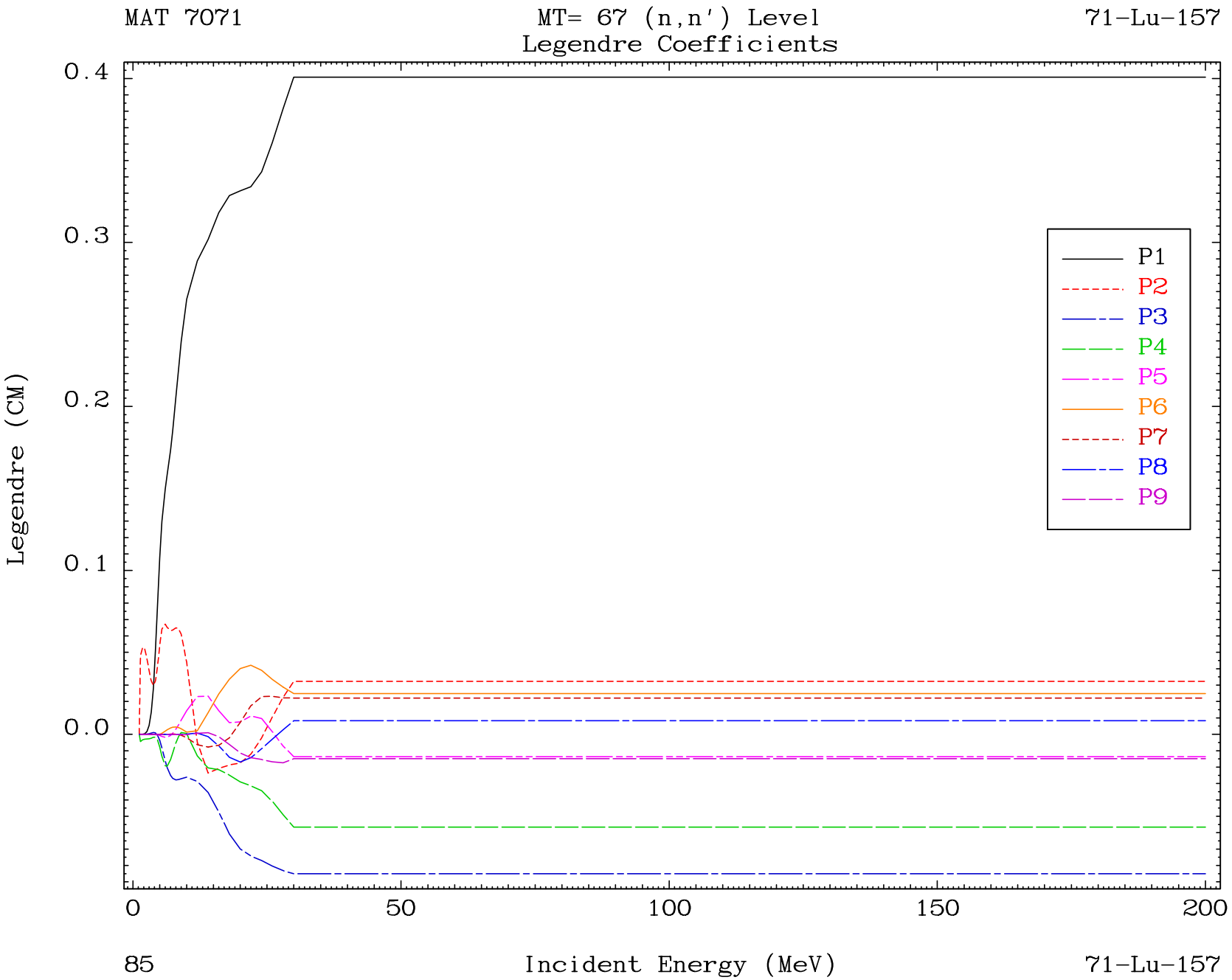

MAT 7071
MT= 65 (n,n') Level
Legendre Coefficients
71-Lu-157
0.0
X10^-5
-0.2
-0.4
-0.6
-0.8
-1.0
Legendre (CM)
50
100
150
200
80
Incident Energy (MeV)
71-Lu-157
P28
P29
P30
P31
P32
P33
P34
P35
P36

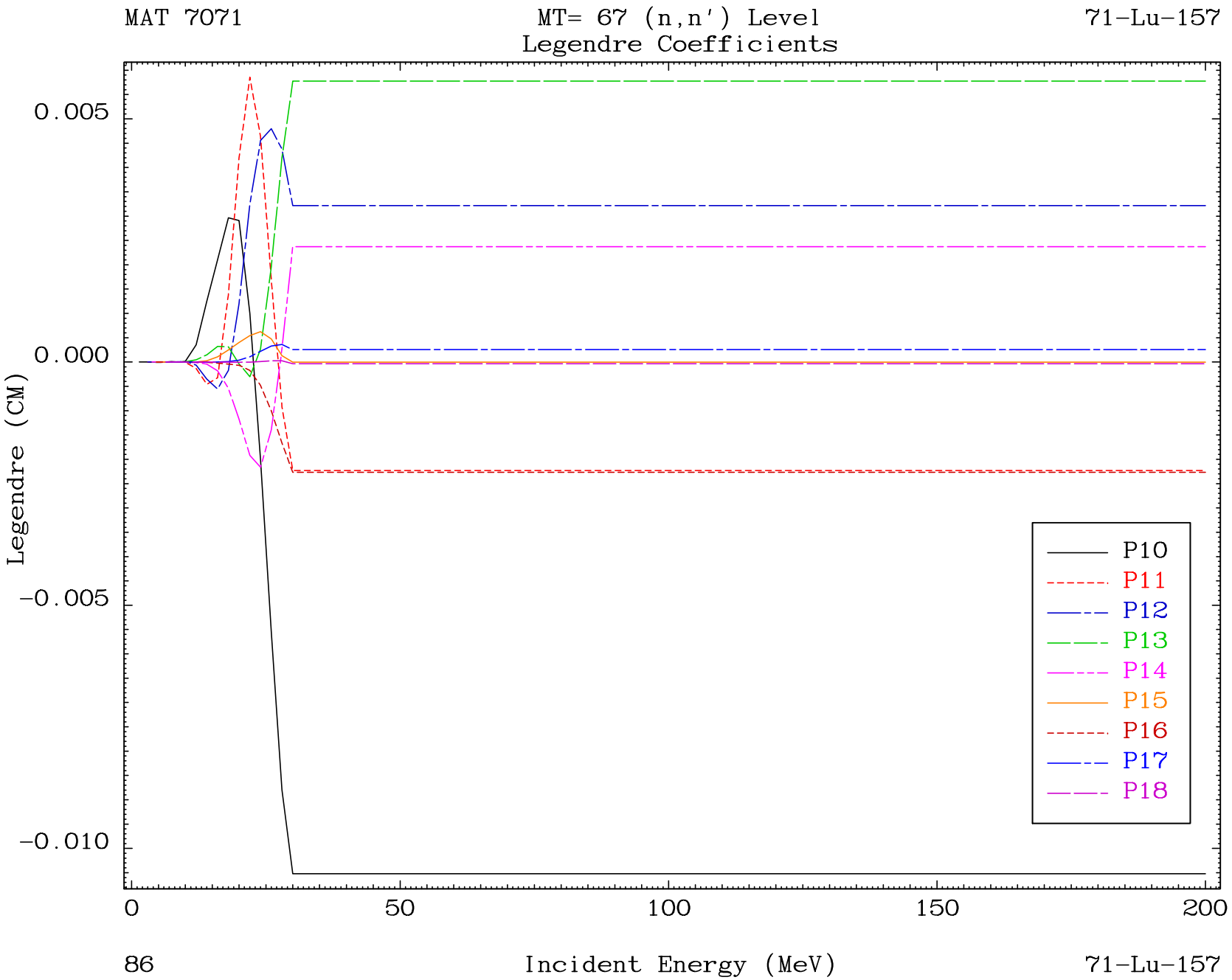

MAT 7071
MT= 66 (n,n') Level
Legendre Coefficients
71-Lu-157
Legendre (CM)
0.4
0.3
0.2
0.1
0.0
0
50
100
150
200
81
Incident Energy (MeV)
71-Lu-157
P1
P2
P3
P4
P5
P6
P7
P8
P9

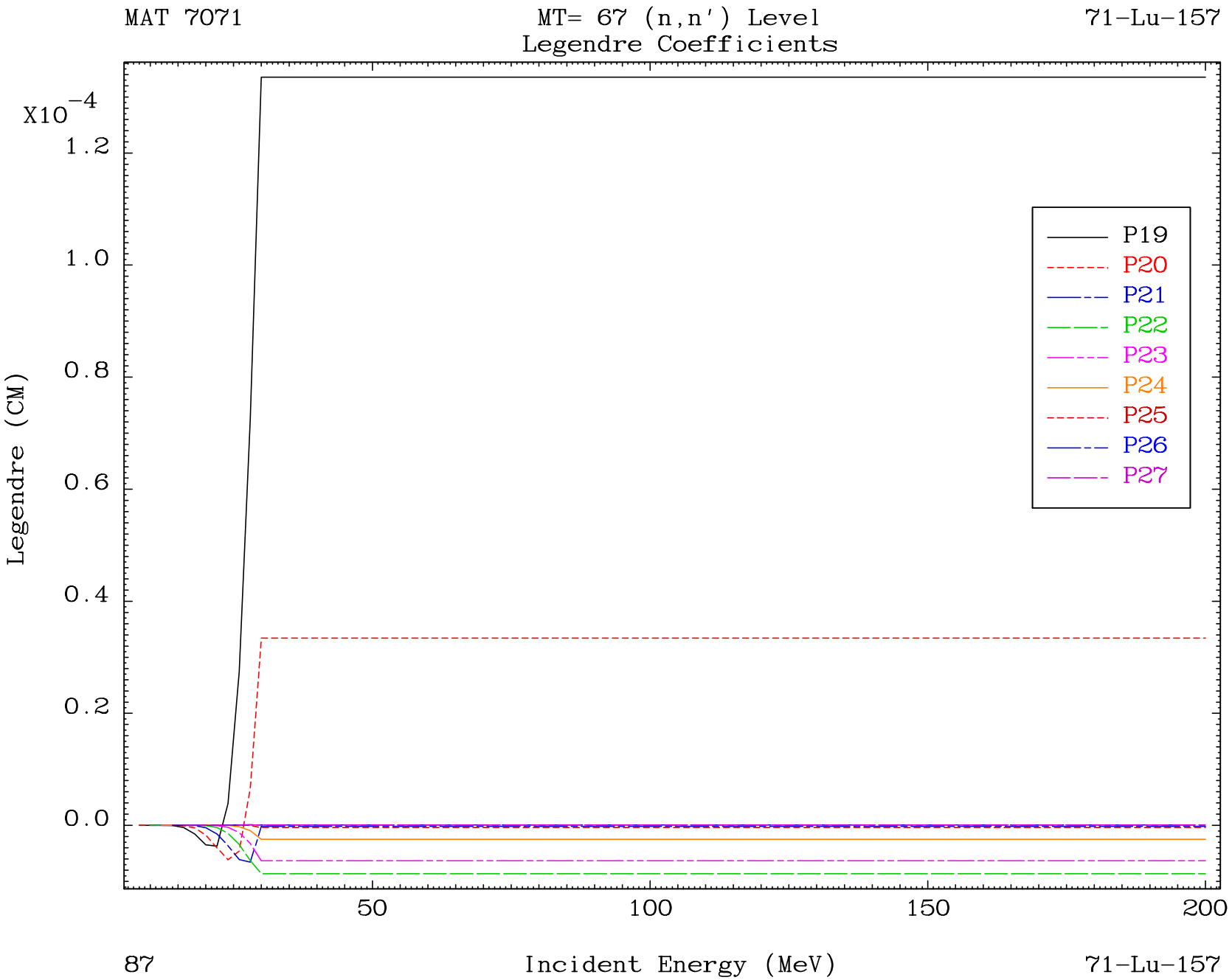

MAT 7071
MT= 66 (n,n') Level
Legendre Coefficients
71-Lu-157
P10
P11
P12
P13
P14
P15
P16
P17
P18
0.03
0.02
0.01
0.00
Legendre (CM)
0
50
100
150
200
82
Incident Energy (MeV)
71-Lu-157

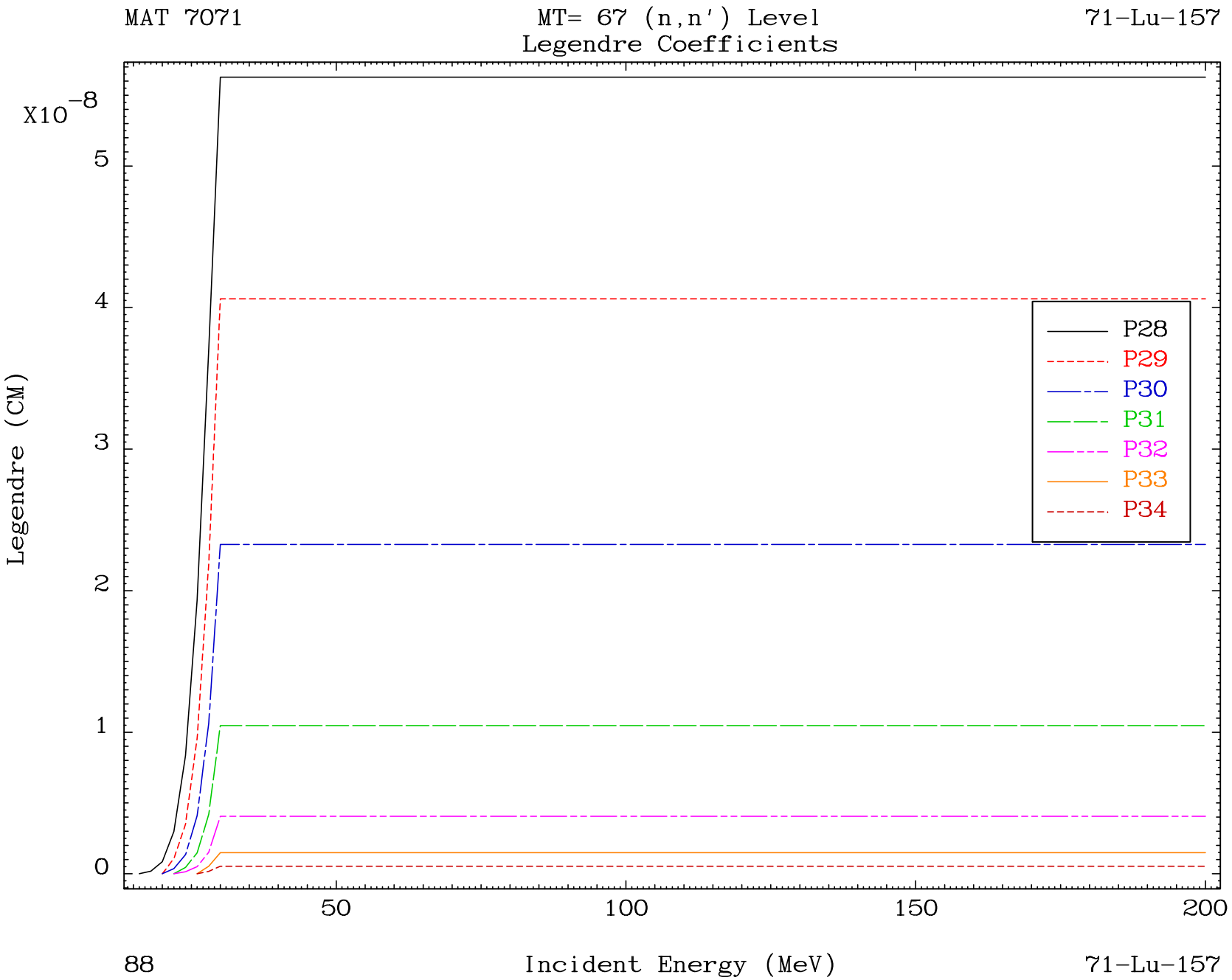

MAT 7071
MT= 66 (n,n') Level
Legendre Coefficients
71-Lu-157
X10 -3
2.5
2.0
1.5
1.0
0.5
0.0
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
P27
50
100
150
200
83
Incident Energy (MeV)
71-Lu-157

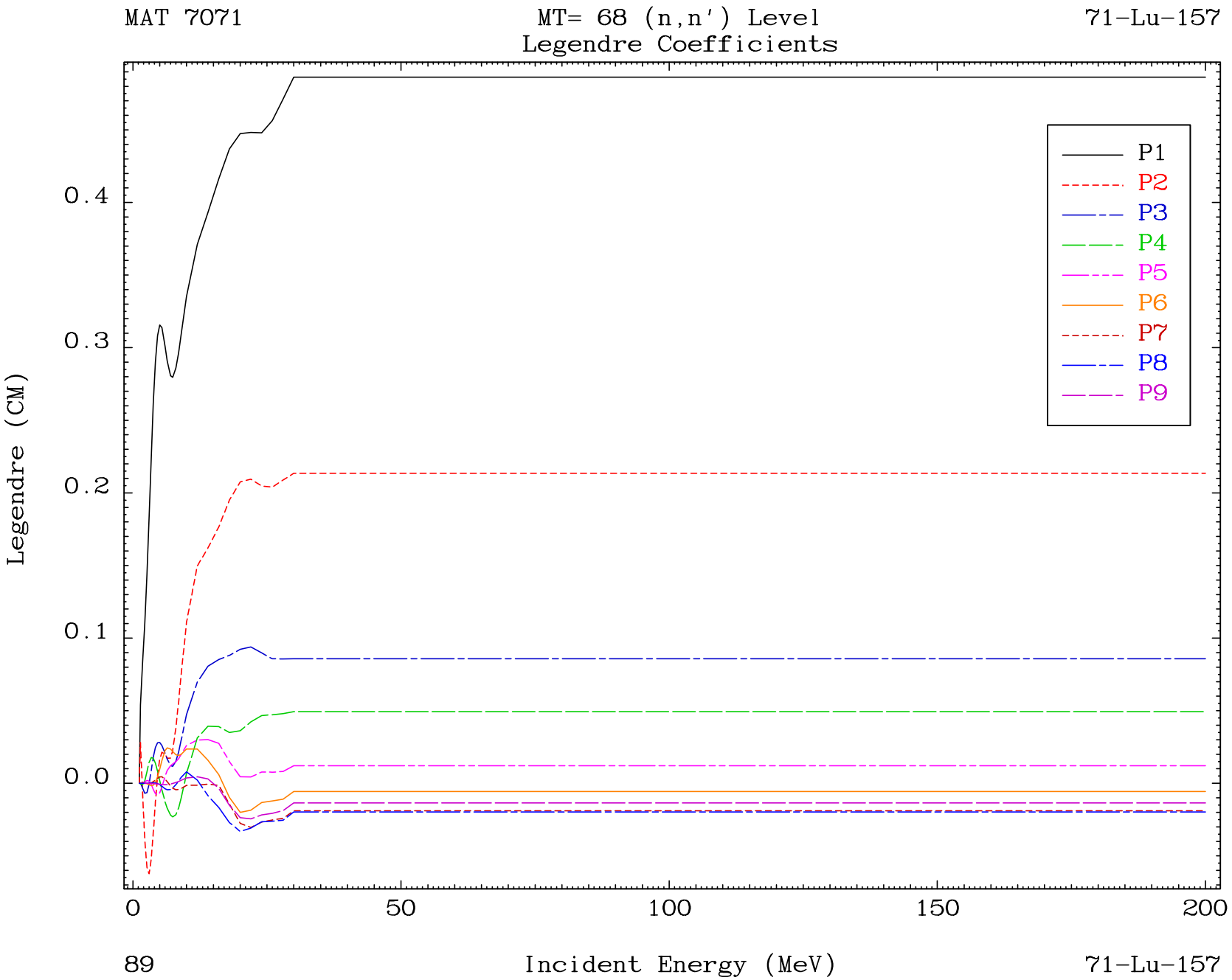

MAT 7071
MT= 66 (n,n') Level
Legendre Coefficients
71-Lu-157
X10^-6
6
4
2
0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
P35
P36
50
100
150
200
84
Incident Energy (MeV)
71-Lu-157

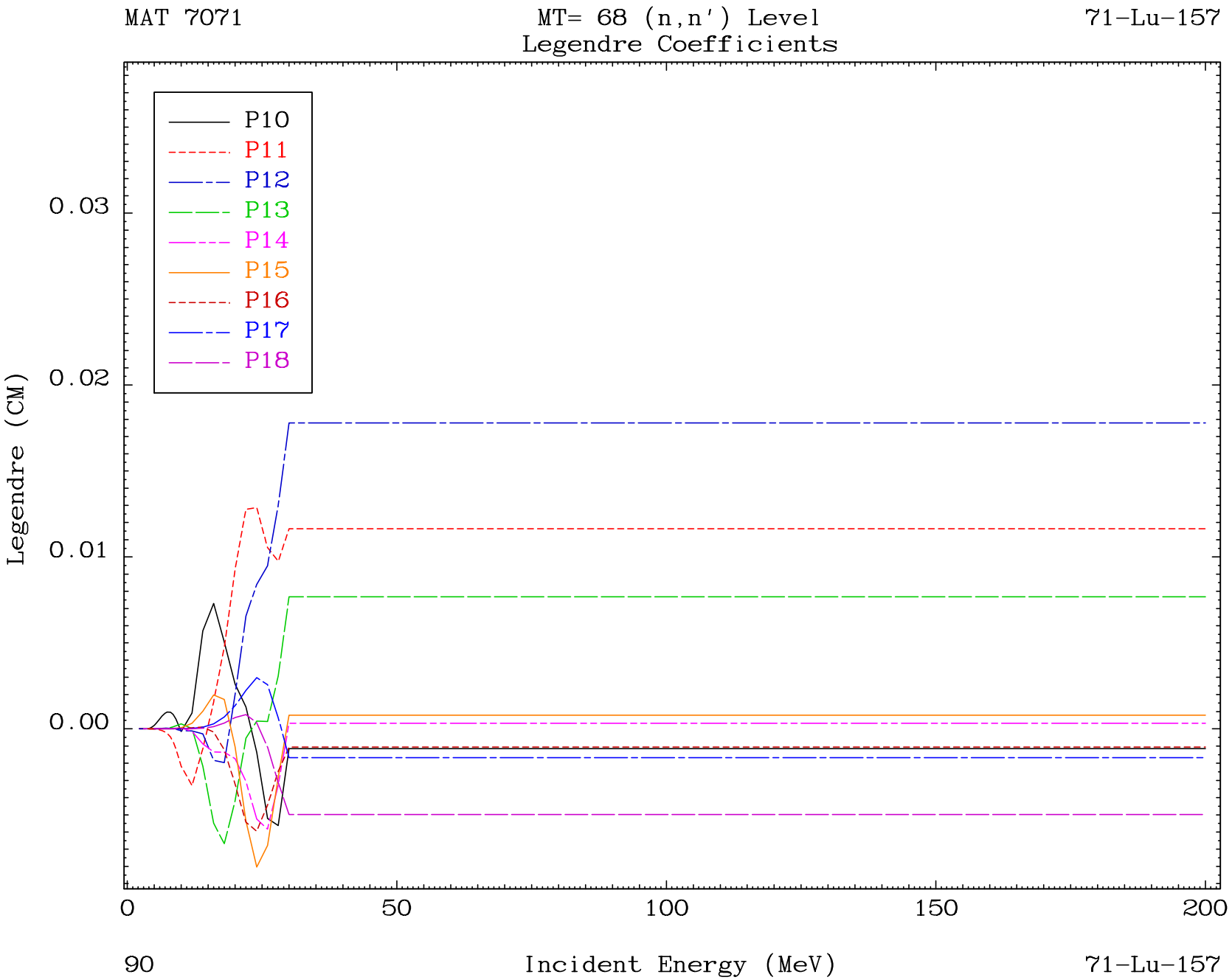

MAT 7071
MT= 67 (n,n') Level
Legendre Coefficients
71-Lu-157
0.4
0.3
0.2
0.1
0.0
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
0
50
100
150
200
85
Incident Energy (MeV)
71-Lu-157

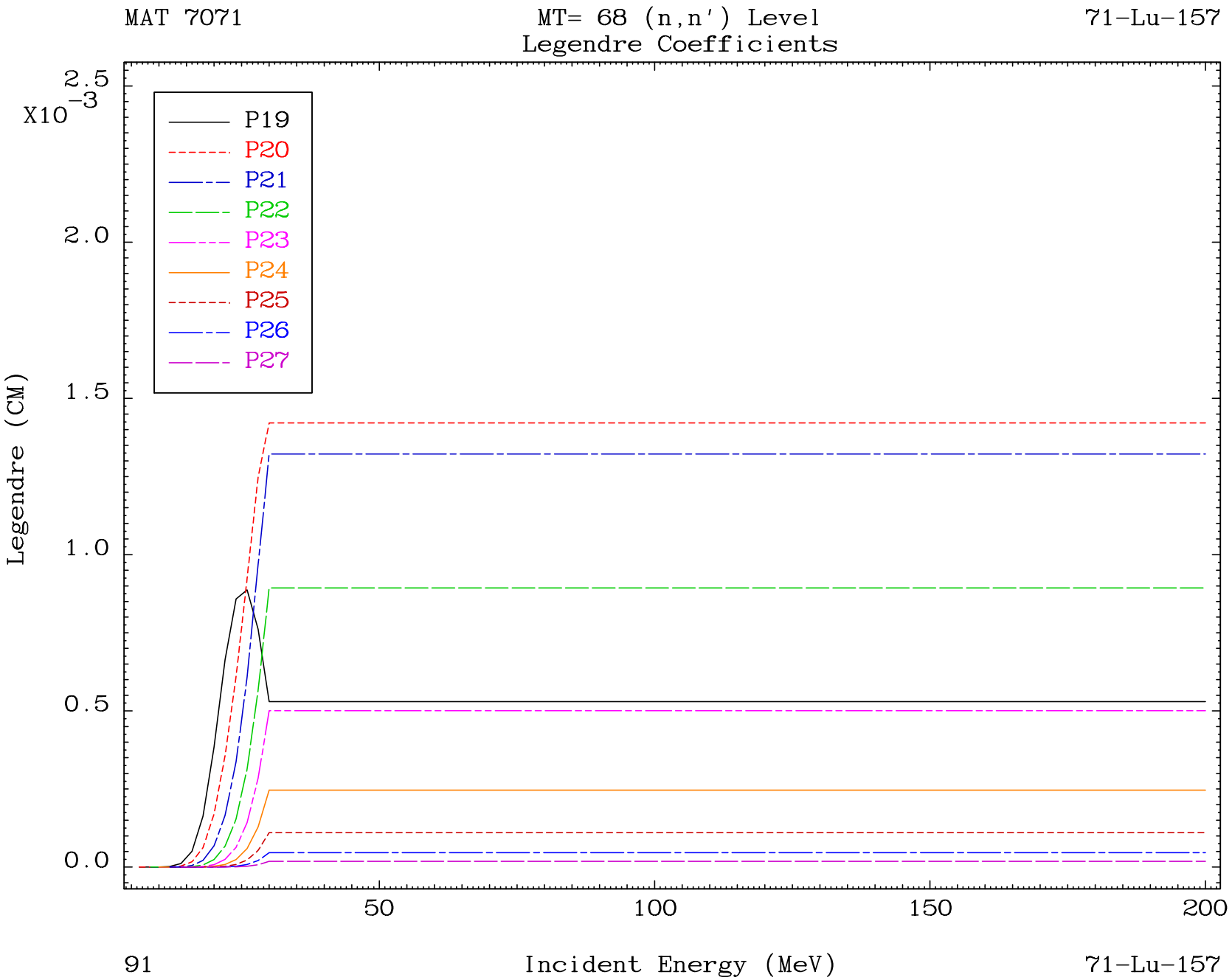

MAT 7071
MT= 67 (n,n') Level
Legendre Coefficients
71-Lu-157
0.005
0.000
-0.005
-0.010
Legendre (CM)
0
50
100
150
200
86
Incident Energy (MeV)
71-Lu-157
P10
P11
P12
P13
P14
P15
P16
P17
P18

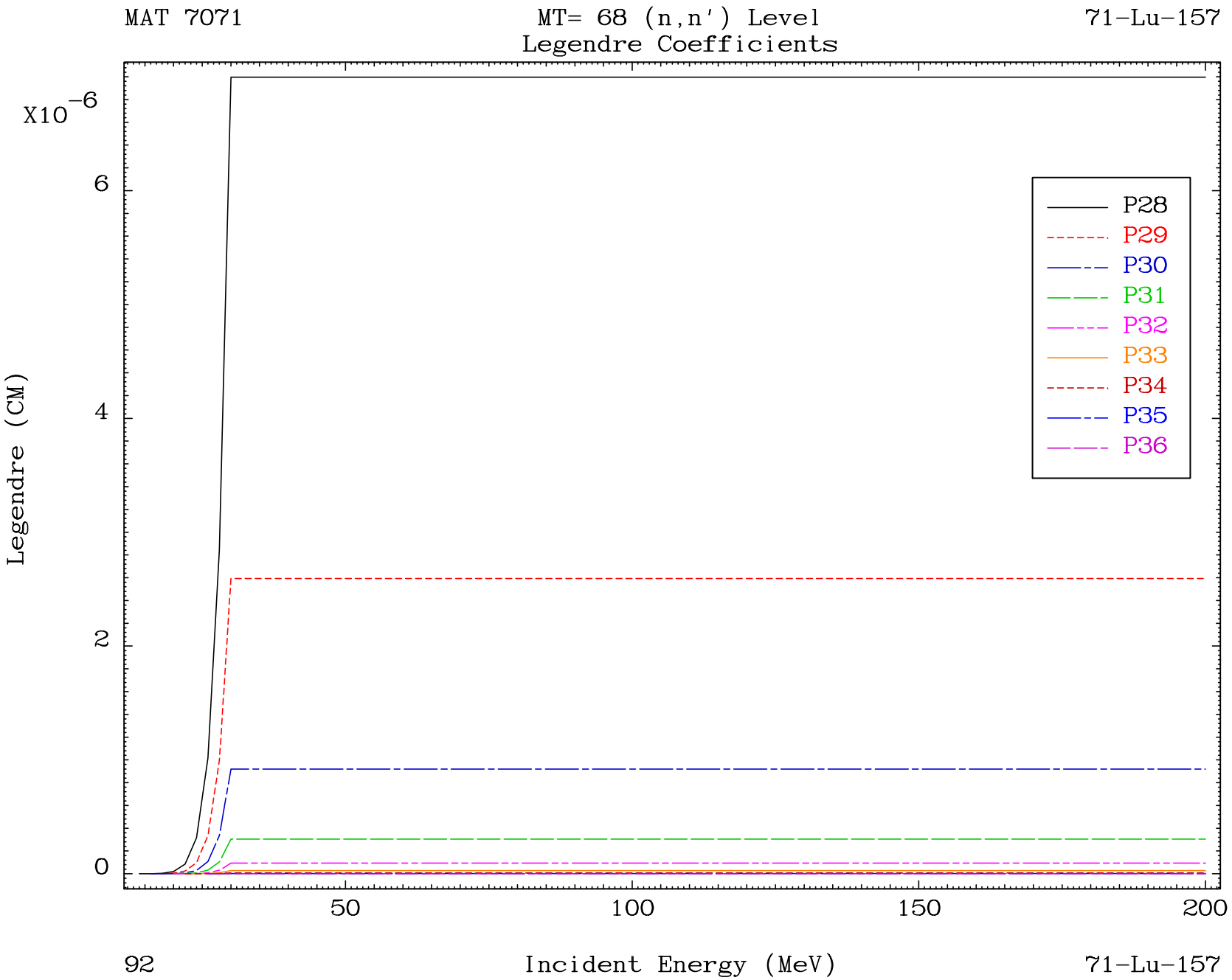

MAT 7071
MT= 67 (n,n') Level
Legendre Coefficients
71-Lu-157
X10^-4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
P27
50
100
150
200
87
Incident Energy (MeV)
71-Lu-157

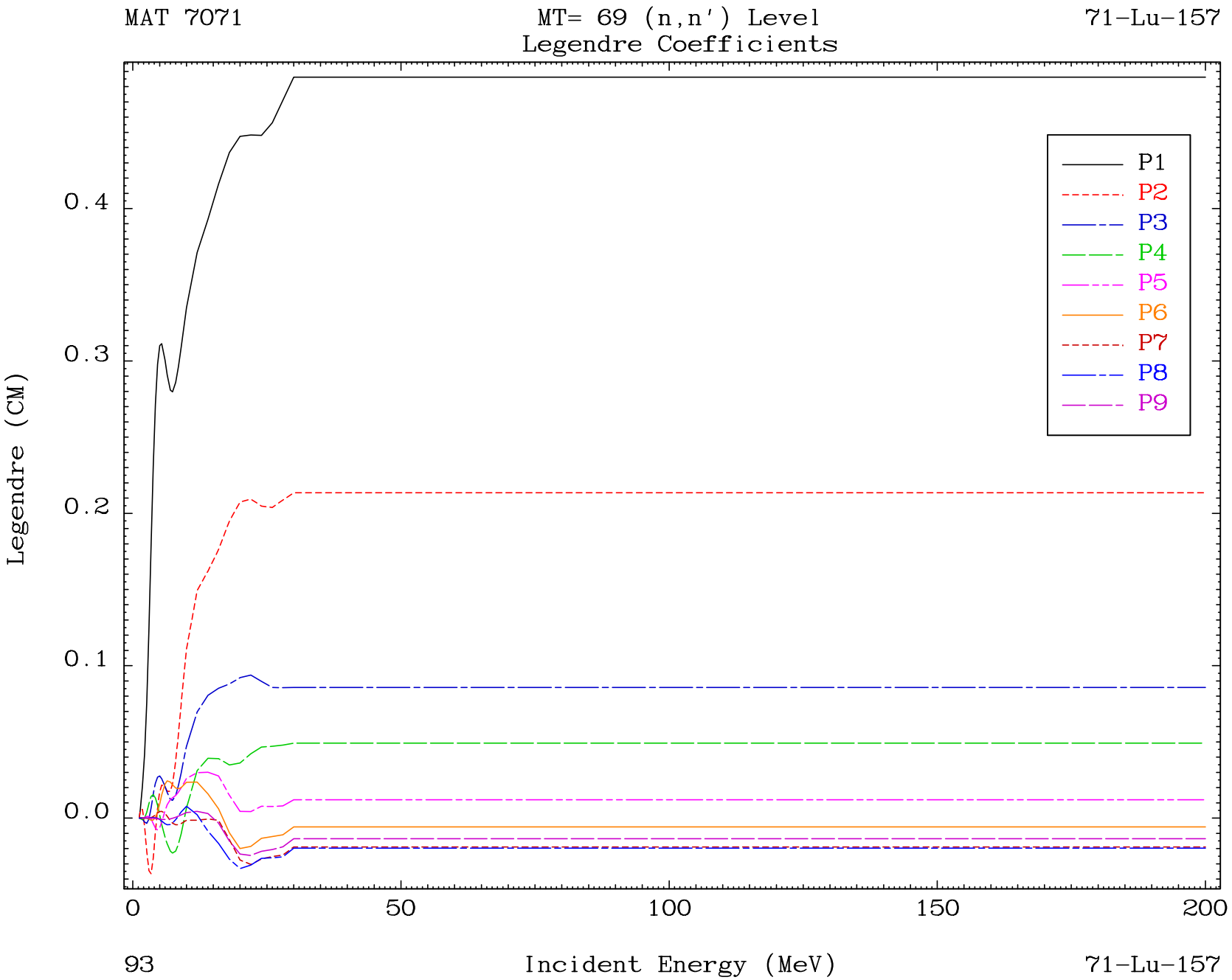

MAT 7071
MT= 67 (n,n') Level
Legendre Coefficients
71-Lu-157
X10^-8
5
4
3
2
1
0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
50
100
150
200
88
Incident Energy (MeV)
71-Lu-157

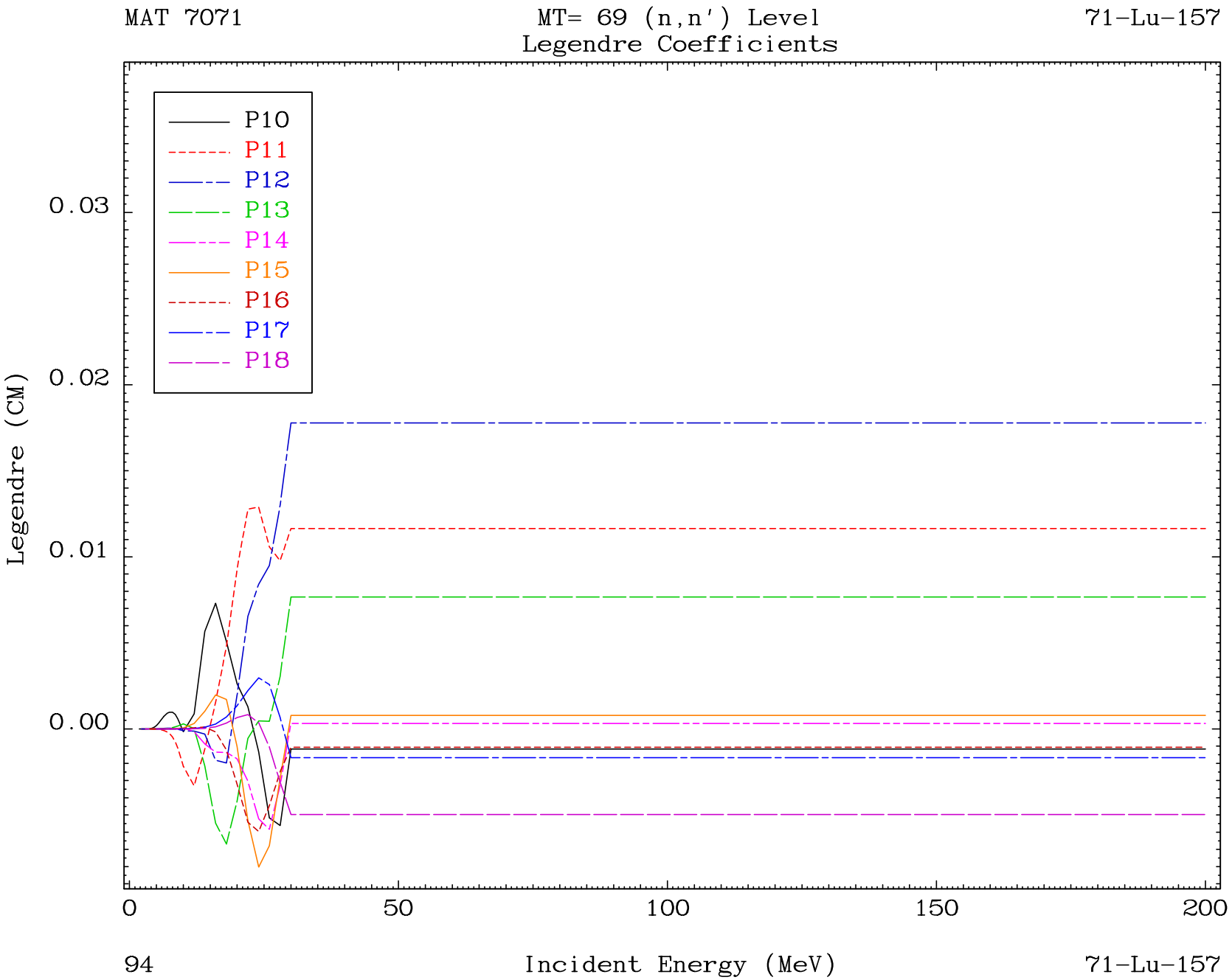

MAT 7071
MT= 68 (n,n') Level
Legendre Coefficients
71-Lu-157
Legendre (CM)
0.4
0.3
0.2
0.1
0.0
0
50
100
150
200
P1
P2
P3
P4
P5
P6
P7
P8
P9
89
Incident Energy (MeV)
71-Lu-157

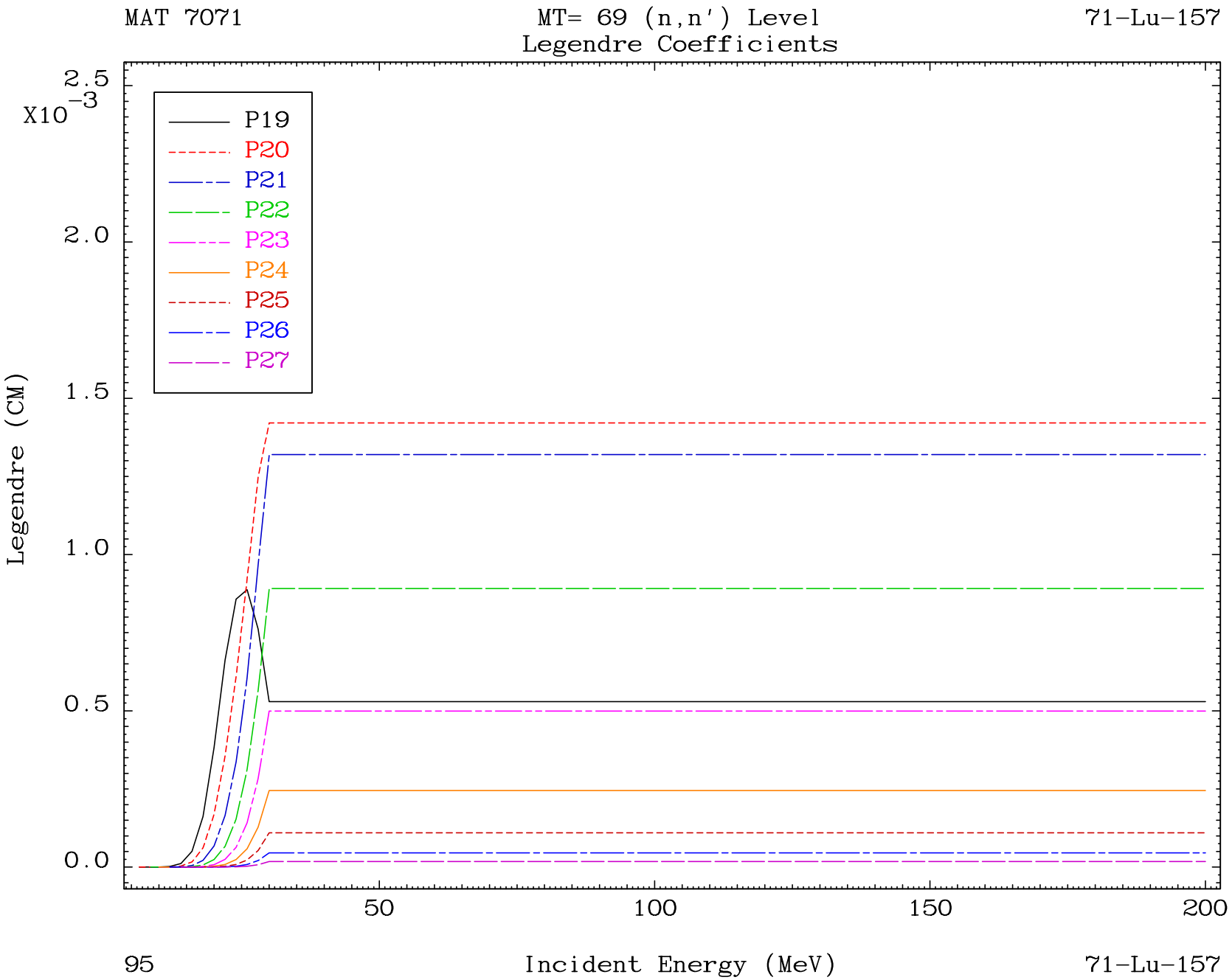

MAT 7071
MT= 68 (n,n') Level
Legendre Coefficients
71-Lu-157
P10
P11
P12
P13
P14
P15
P16
P17
P18
0.03
0.02
0.01
0.00
Legendre (CM)
0
50
100
150
200
90
Incident Energy (MeV)
71-Lu-157

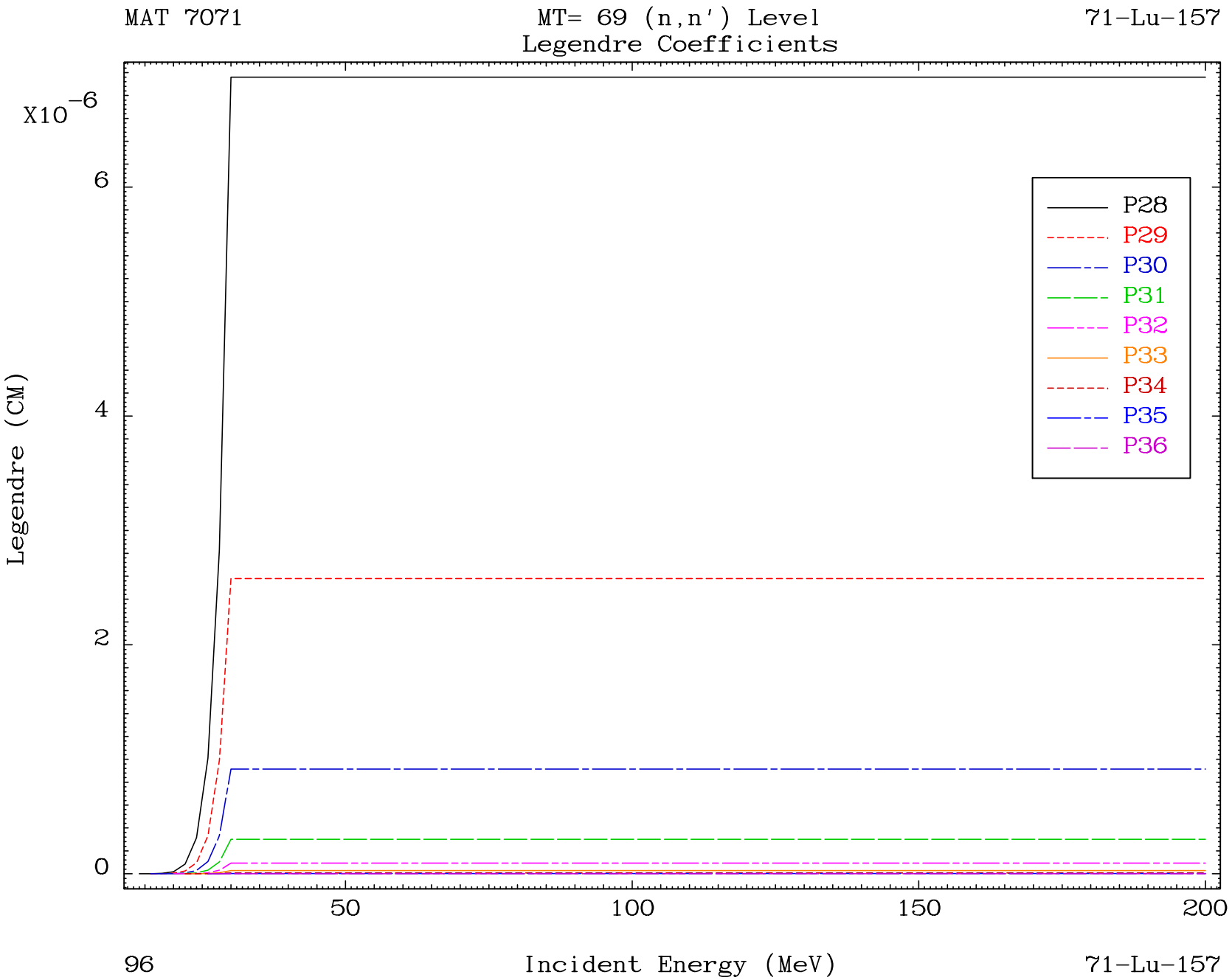

MAT 7071
MT= 68 (n,n') Level
Legendre Coefficients
71-Lu-157
X10 -3
2.5
2.0
1.5
1.0
0.5
0.0
P19
P20
P21
P22
P23
P24
P25
P26
P27
Legendre (CM)
50
100
150
200
91
Incident Energy (MeV)
71-Lu-157

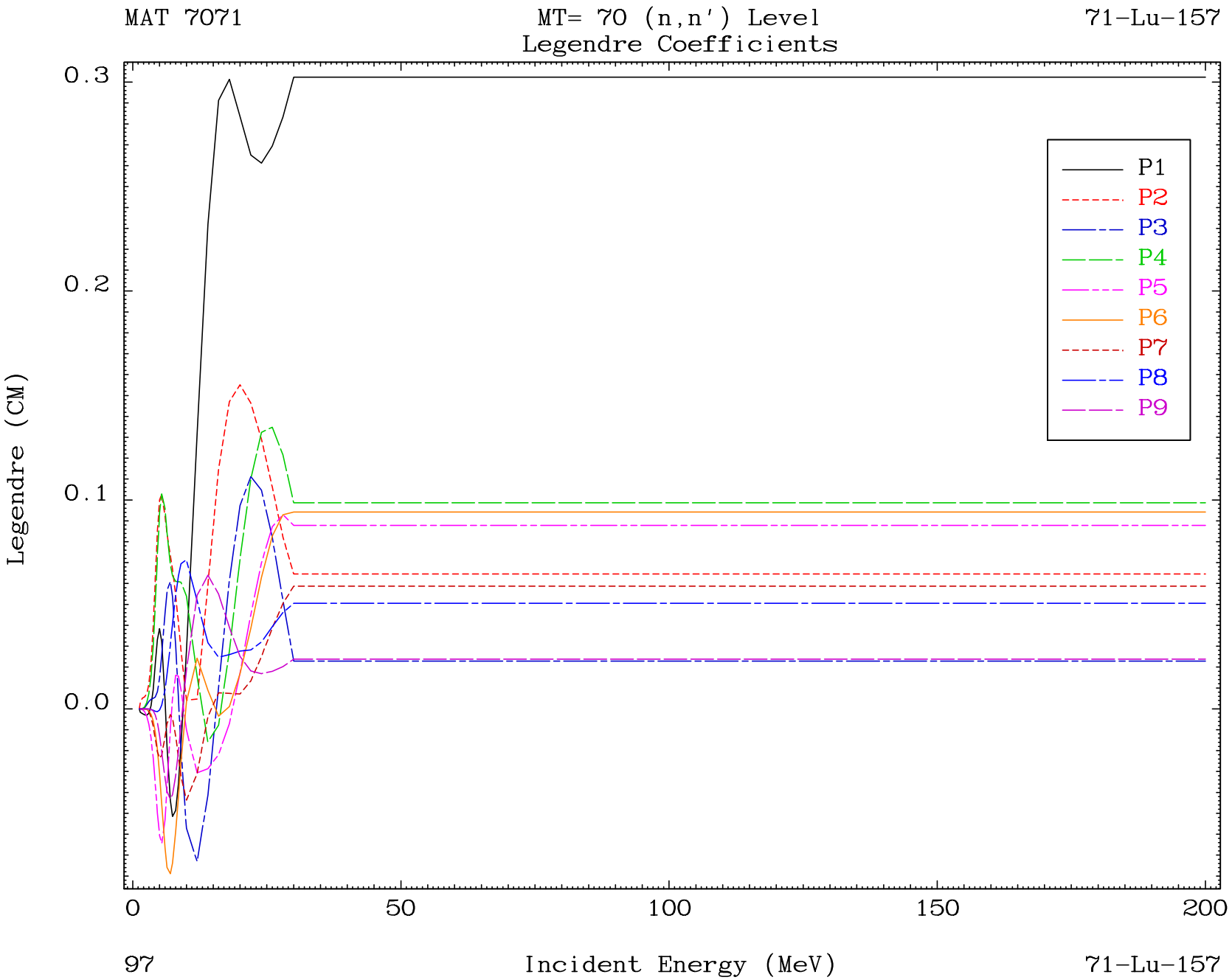

MAT 7071
MT= 68 (n,n') Level
Legendre Coefficients
71-Lu-157
X10^-6
6
4
2
0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
P35
P36
50
100
150
200
92
Incident Energy (MeV)
71-Lu-157

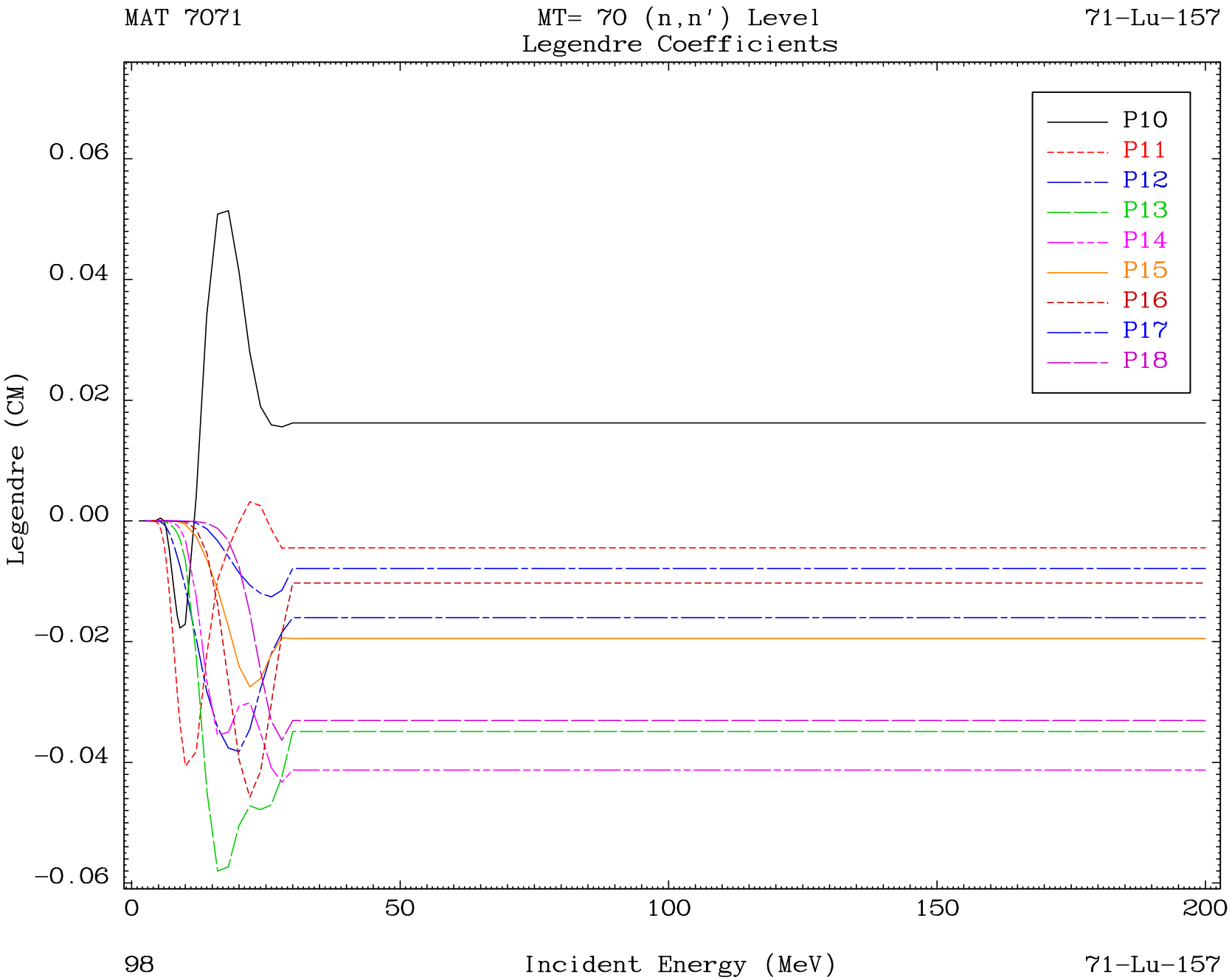

MAT 7071
MT= 69 (n,n') Level
Legendre Coefficients
71-Lu-157
Legendre (CM)
0.4
0.3
0.2
0.1
0.0
0
50
100
150
200
93
Incident Energy (MeV)
71-Lu-157
P1
P2
P3
P4
P5
P6
P7
P8
P9

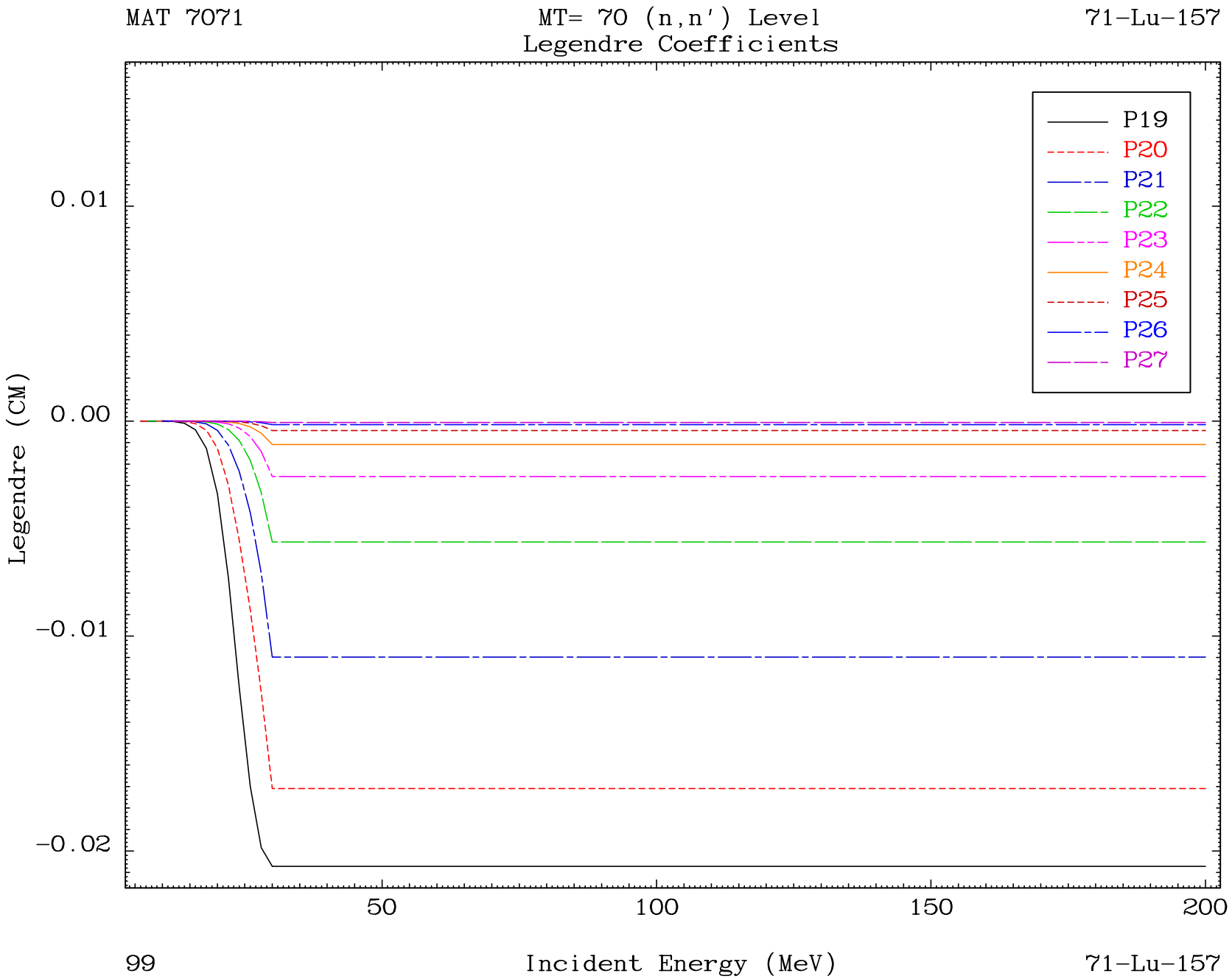

MAT 7071
MT= 69 (n,n') Level
Legendre Coefficients
71-Lu-157
P10
P11
P12
P13
P14
P15
P16
P17
P18
0.03
0.02
0.01
0.00
Legendre (CM)
0
50
100
150
200
94
Incident Energy (MeV)
71-Lu-157

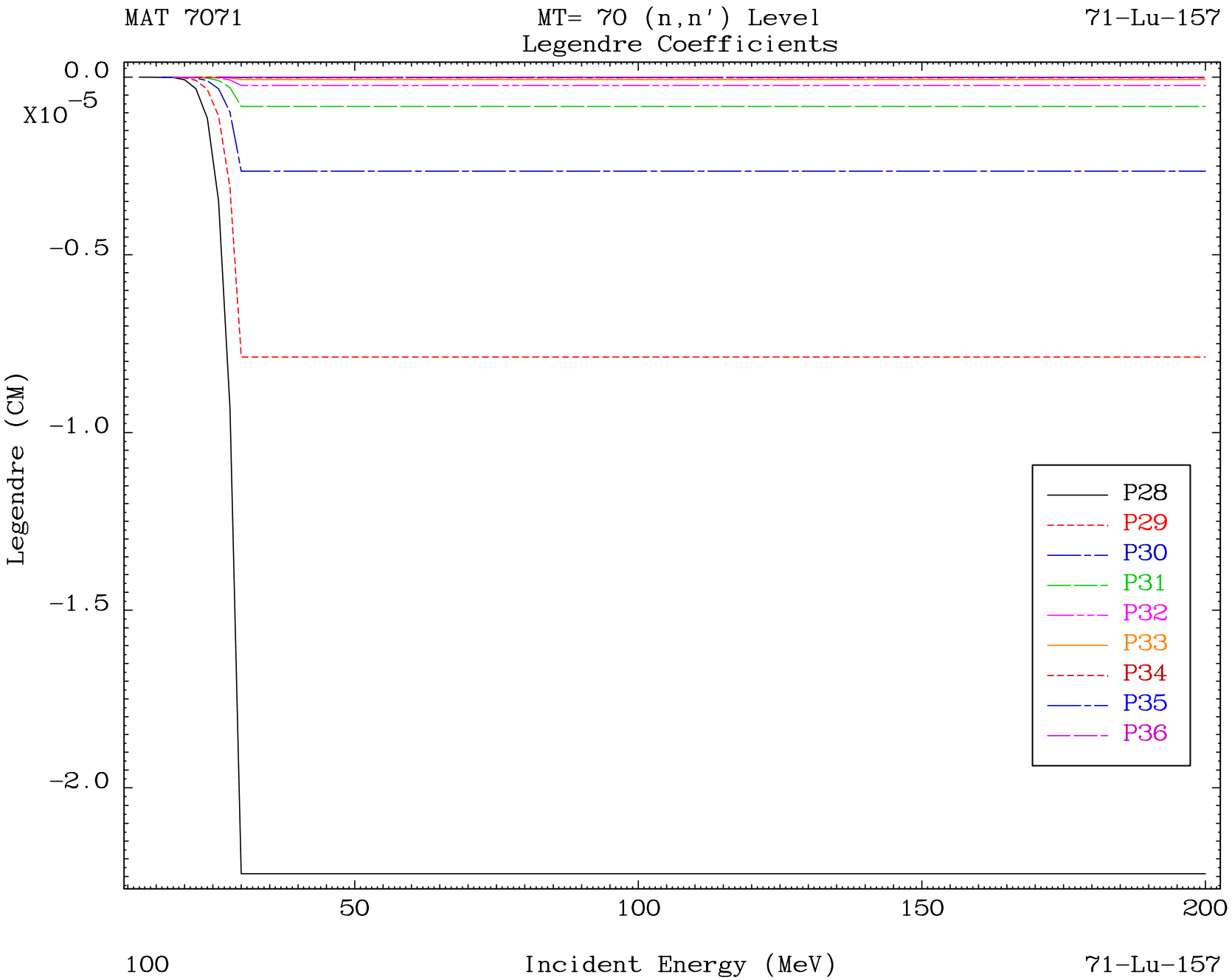

MAT 7071
MT= 69 (n,n') Level
Legendre Coefficients
71-Lu-157
X10 -3
2.5
2.0
1.5
1.0
0.5
0.0
P19
P20
P21
P22
P23
P24
P25
P26
P27
Legendre (CM)
95
50
100
150
200
Incident Energy (MeV)
71-Lu-157

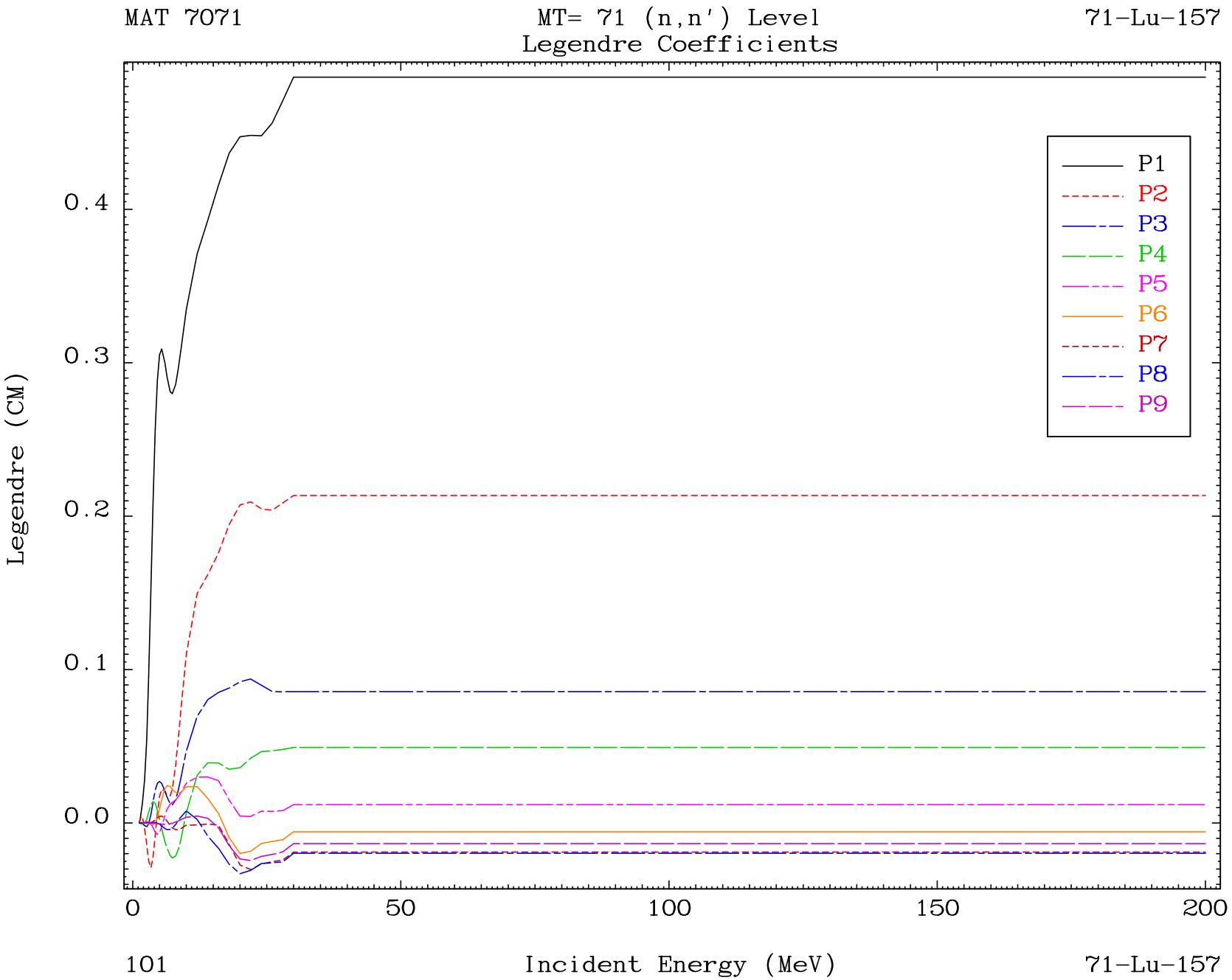

MAT 7071
MT= 69 (n,n') Level
Legendre Coefficients
71-Lu-157
X10^-6
6
4
2
0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
P35
P36
50
100
150
200
96
Incident Energy (MeV)
71-Lu-157

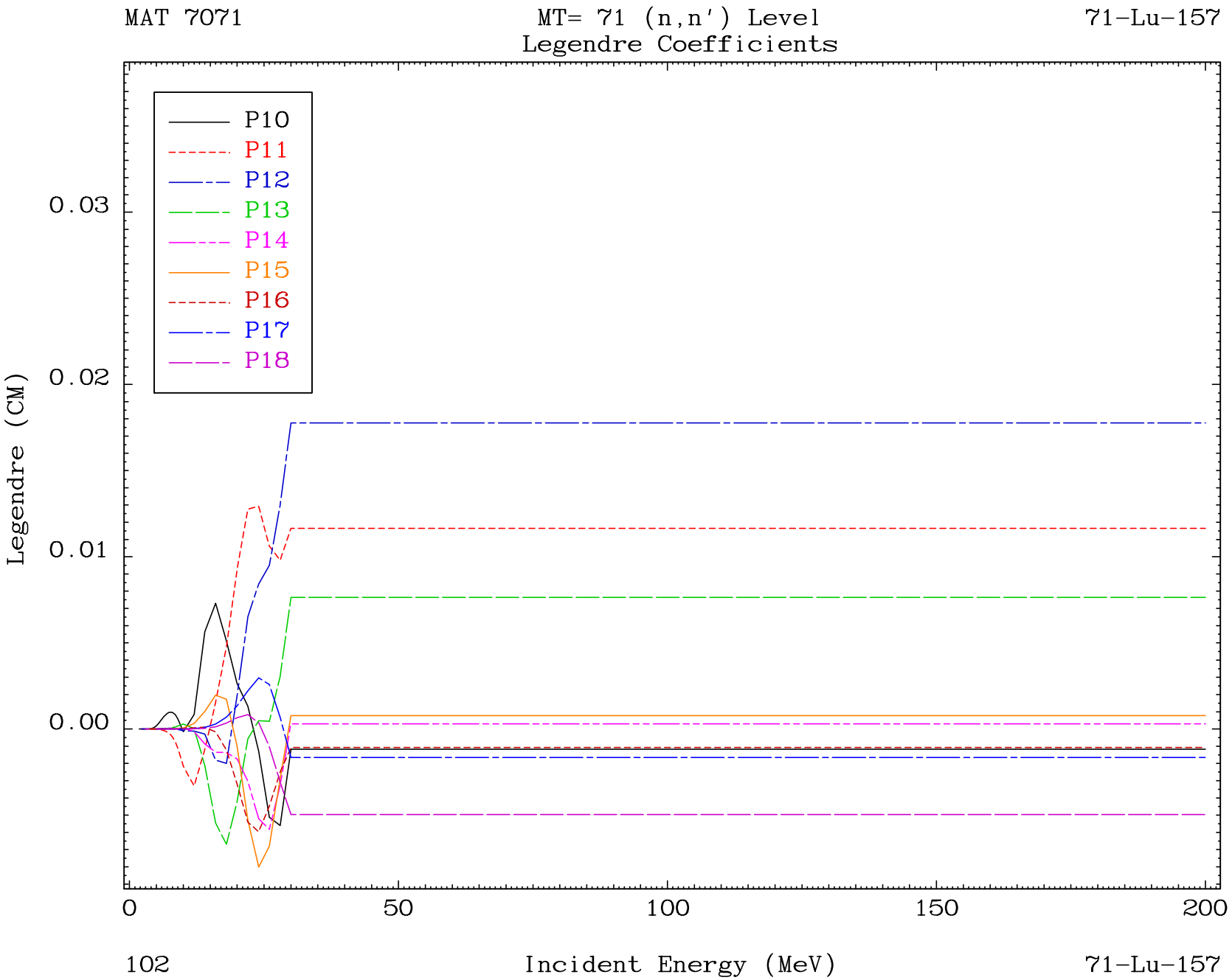

MAT 7071
MT= 70 (n,n') Level
Legendre Coefficients
71-Lu-157
0.3
0.2
0.1
0.0
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
0
50
100
150
200
97
Incident Energy (MeV)
71-Lu-157

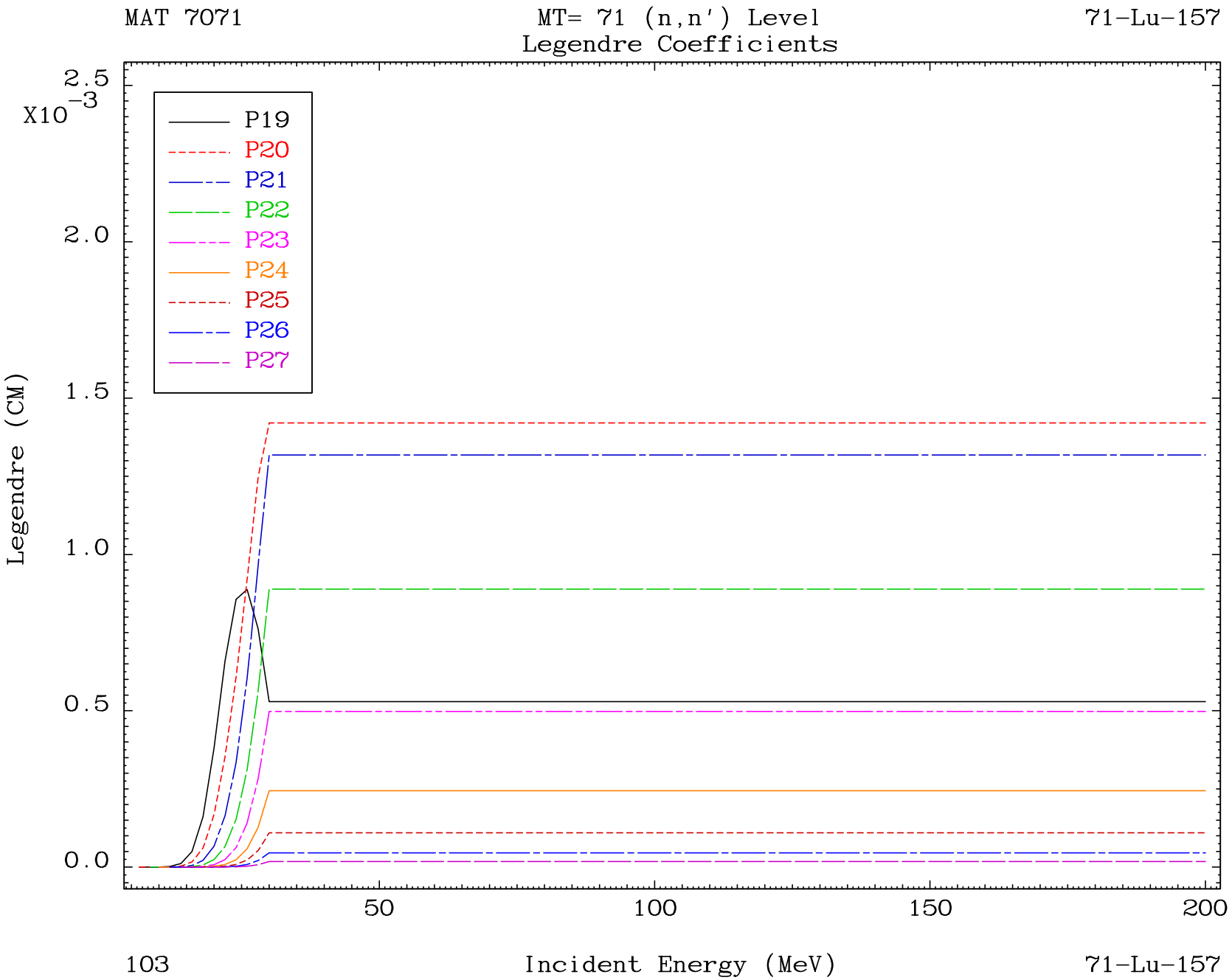

MAT 7071
MT= 70 (n,n') Level
Legendre Coefficients
71-Lu-157
P10
P11
P12
P13
P14
P15
P16
P17
P18
0.06
0.04
0.02
0.00
-0.02
-0.04
-0.06
Legendre (CM)
0
50
100
150
200
98
Incident Energy (MeV)
71-Lu-157

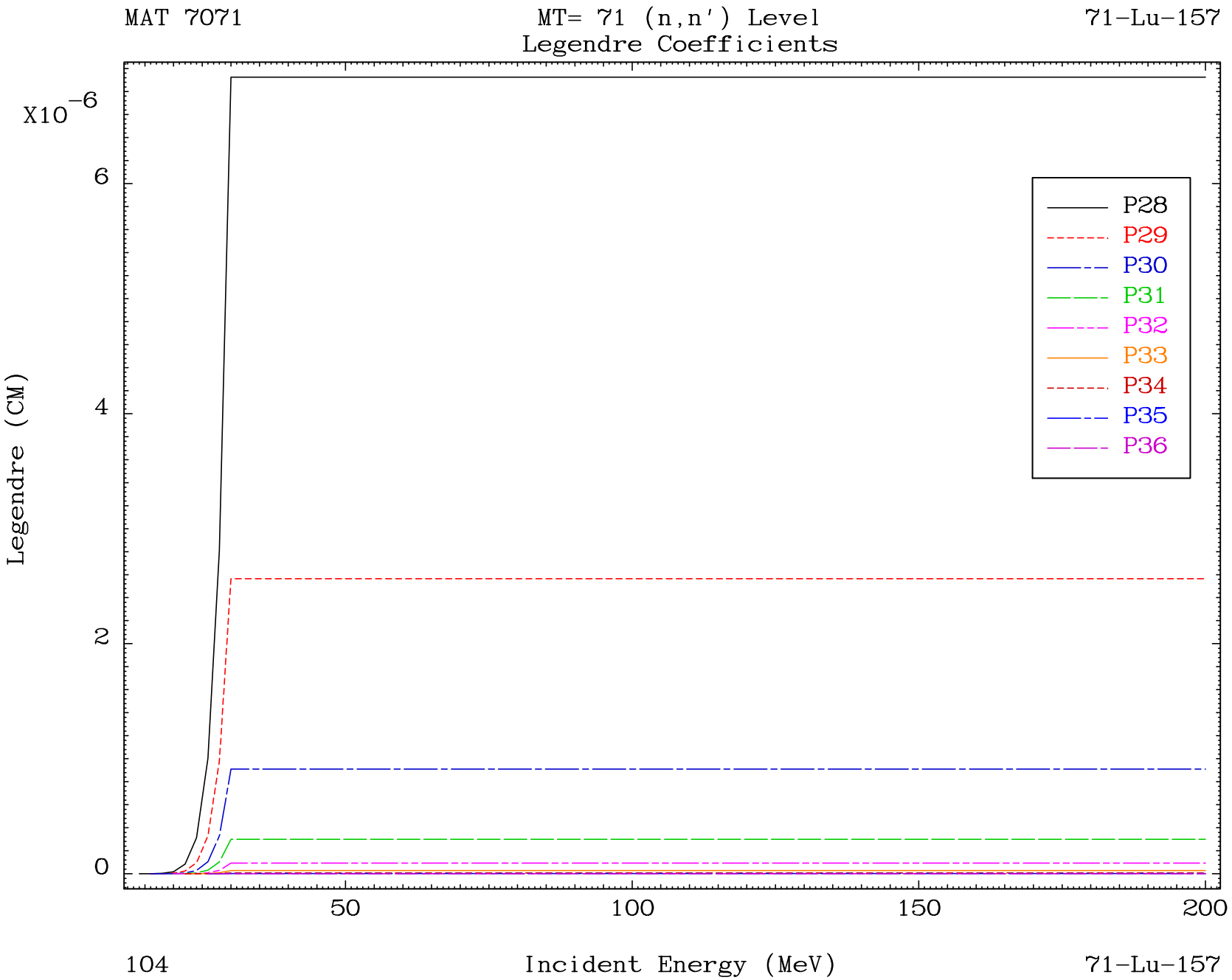

MAT 7071
MT= 70 (n,n') Level
Legendre Coefficients
71-Lu-157
P19
P20
P21
P22
P23
P24
P25
P26
P27
0.01
0.00
-0.01
-0.02
Legendre (CM)
50
100
150
200
99
Incident Energy (MeV)
71-Lu-157

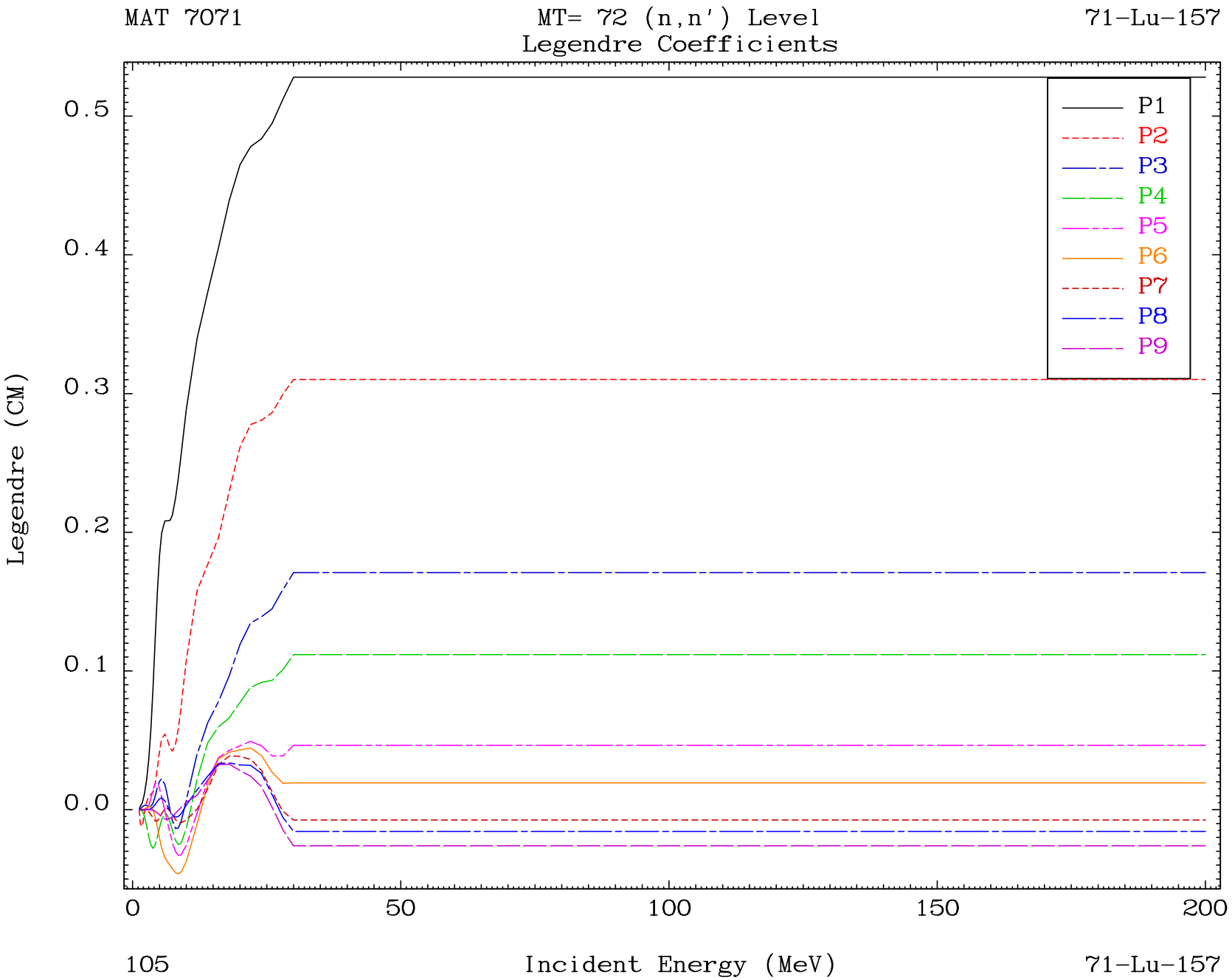

MAT 7071
MT= 70 (n,n') Level
Legendre Coefficients
71-Lu-157
0.0
X10^-5
-0.5
-1.0
-1.5
-2.0
Legendre (CM)
50
100
150
200
100
Incident Energy (MeV)
71-Lu-157
P28
P29
P30
P31
P32
P33
P34
P35
P36

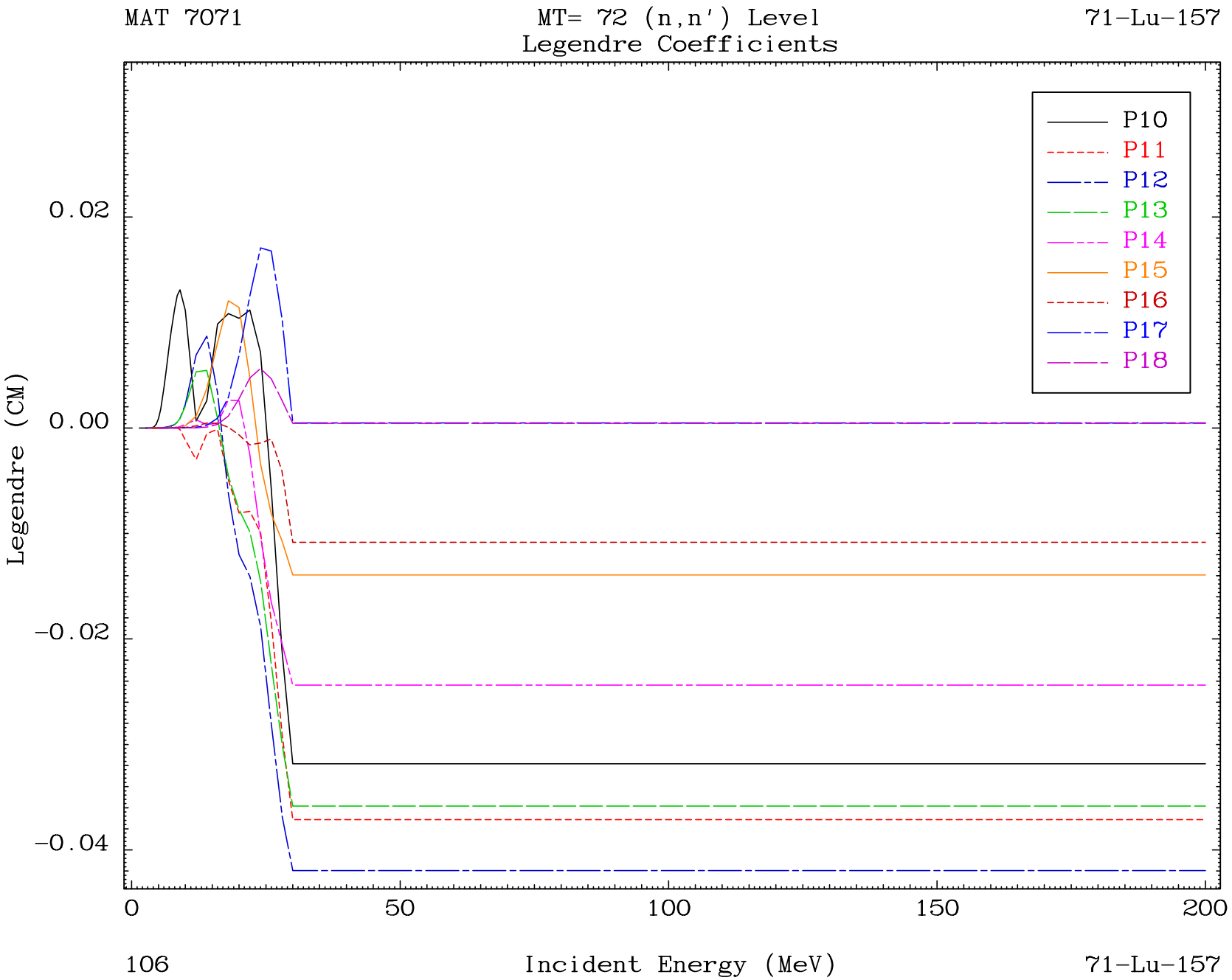

MAT 7071
MT= 71 (n,n') Level
Legendre Coefficients
71-Lu-157
P1
P2
P3
P4
P5
P6
P7
P8
P9
Legendre (CM)
0.4
0.3
0.2
0.1
0.0
0
50
100
150
200
101
Incident Energy (MeV)
71-Lu-157

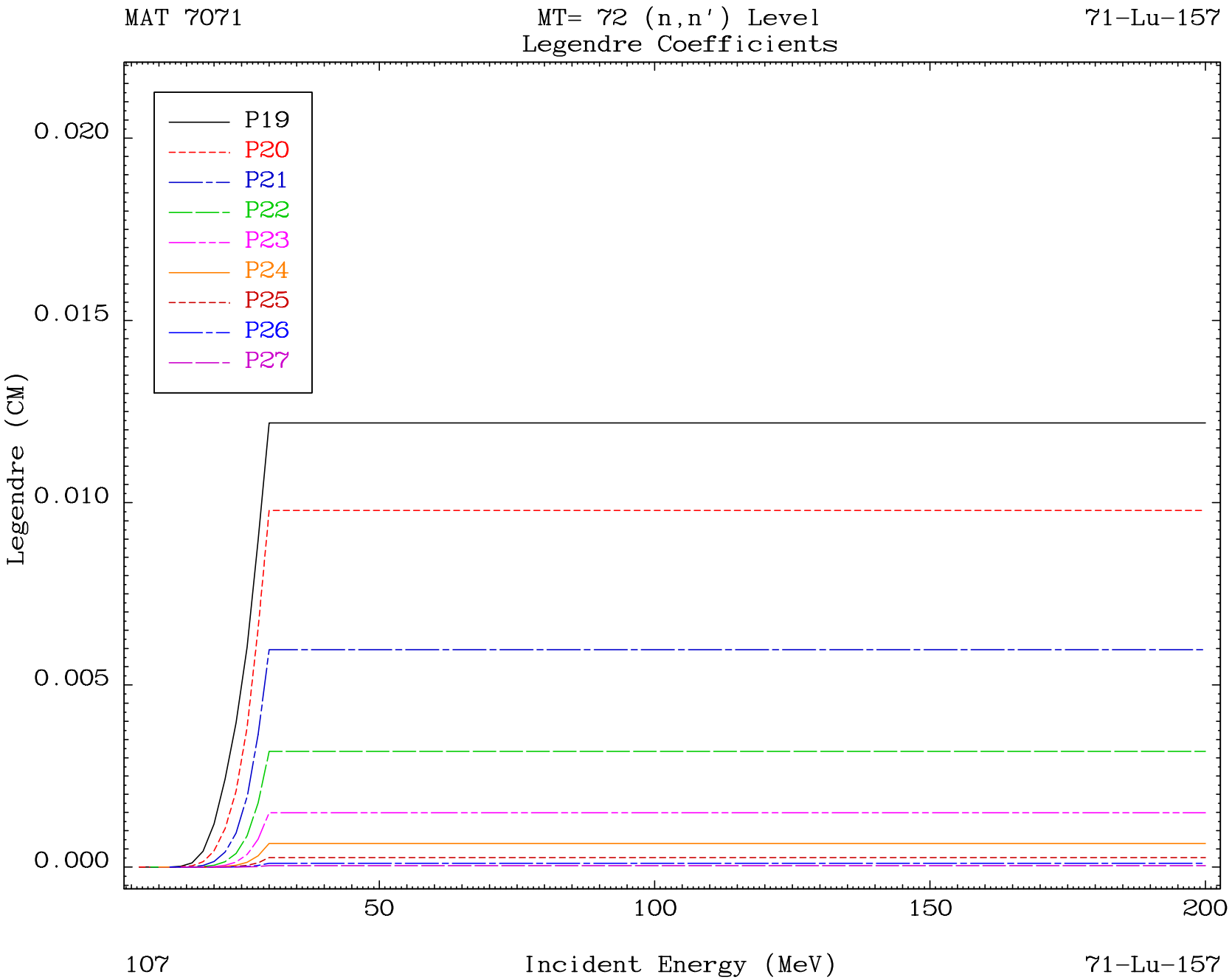

MAT 7071
MT= 71 (n,n') Level
Legendre Coefficients
71-Lu-157
P10
P11
P12
P13
P14
P15
P16
P17
P18
0.03
0.02
0.01
0.00
Legendre (CM)
0
50
100
150
200
102
Incident Energy (MeV)
71-Lu-157

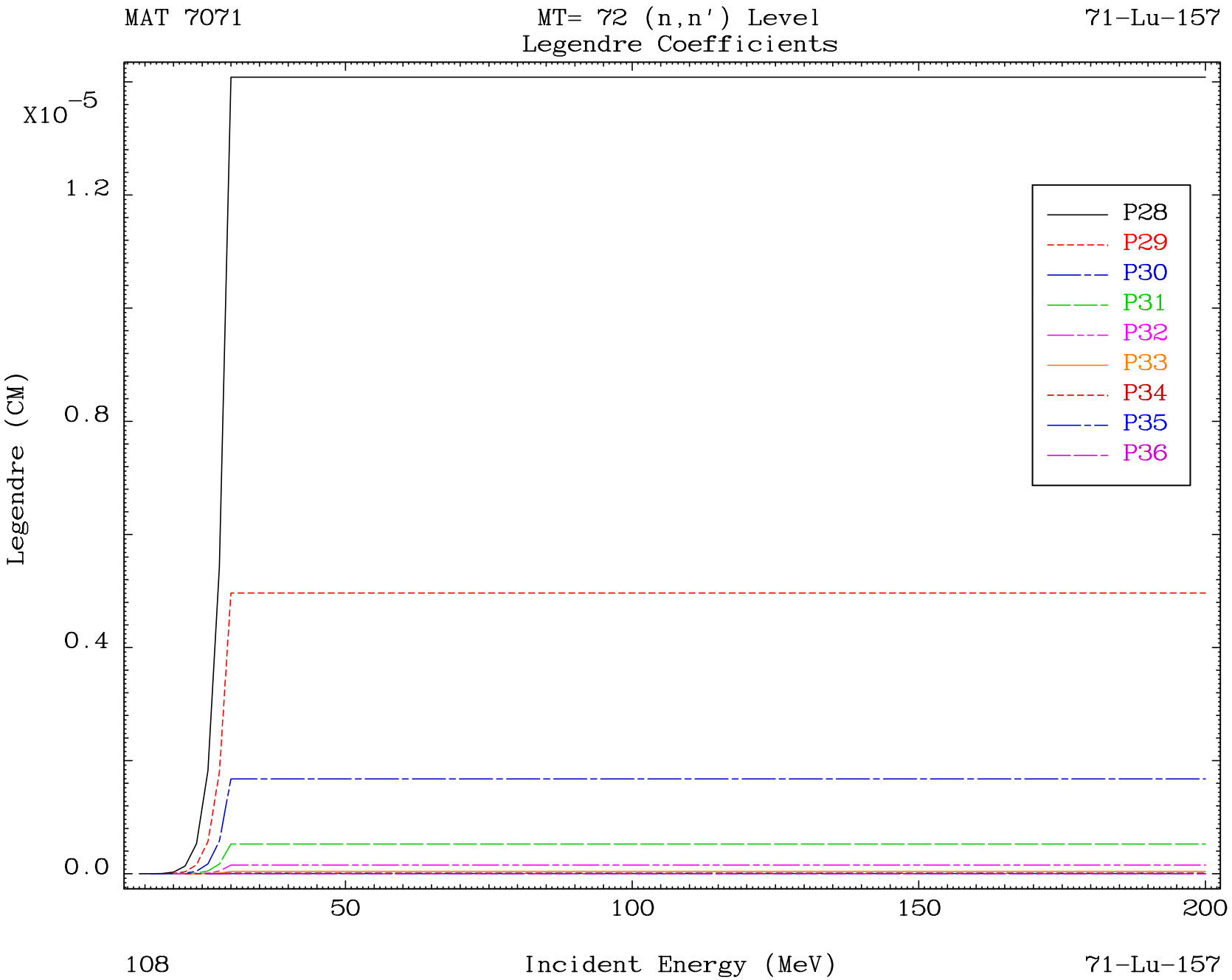

MAT 7071
MT= 71 (n,n') Level
Legendre Coefficients
71-Lu-157
X10 -3
2.5
2.0
1.5
1.0
0.5
0.0
P19
P20
P21
P22
P23
P24
P25
P26
P27
Legendre (CM)
50
100
150
200
103
Incident Energy (MeV)
71-Lu-157

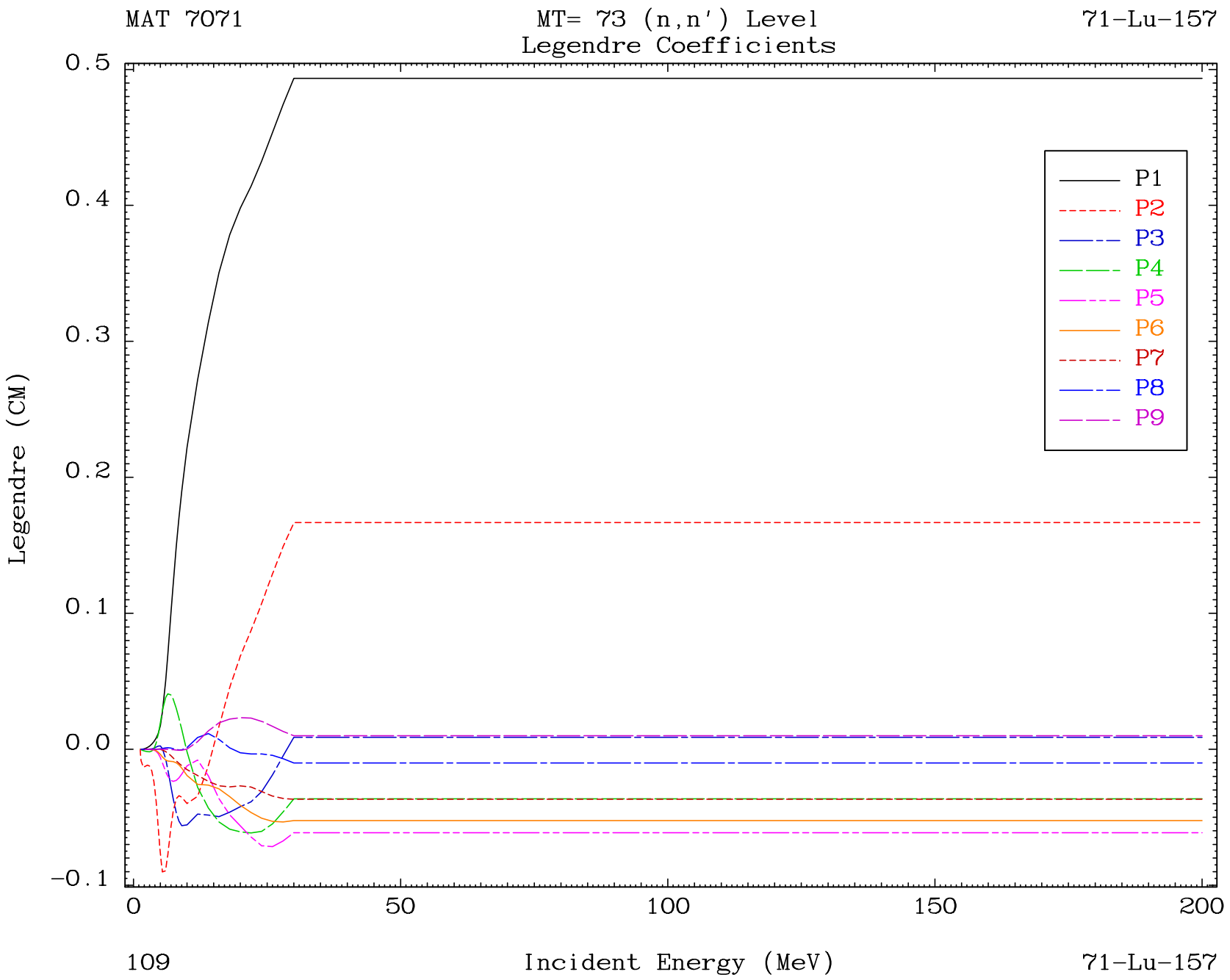

MAT 7071
MT= 71 (n,n') Level
Legendre Coefficients
71-Lu-157
X10^-6
6
4
2
0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
P35
P36
50
100
150
200
104
Incident Energy (MeV)
71-Lu-157

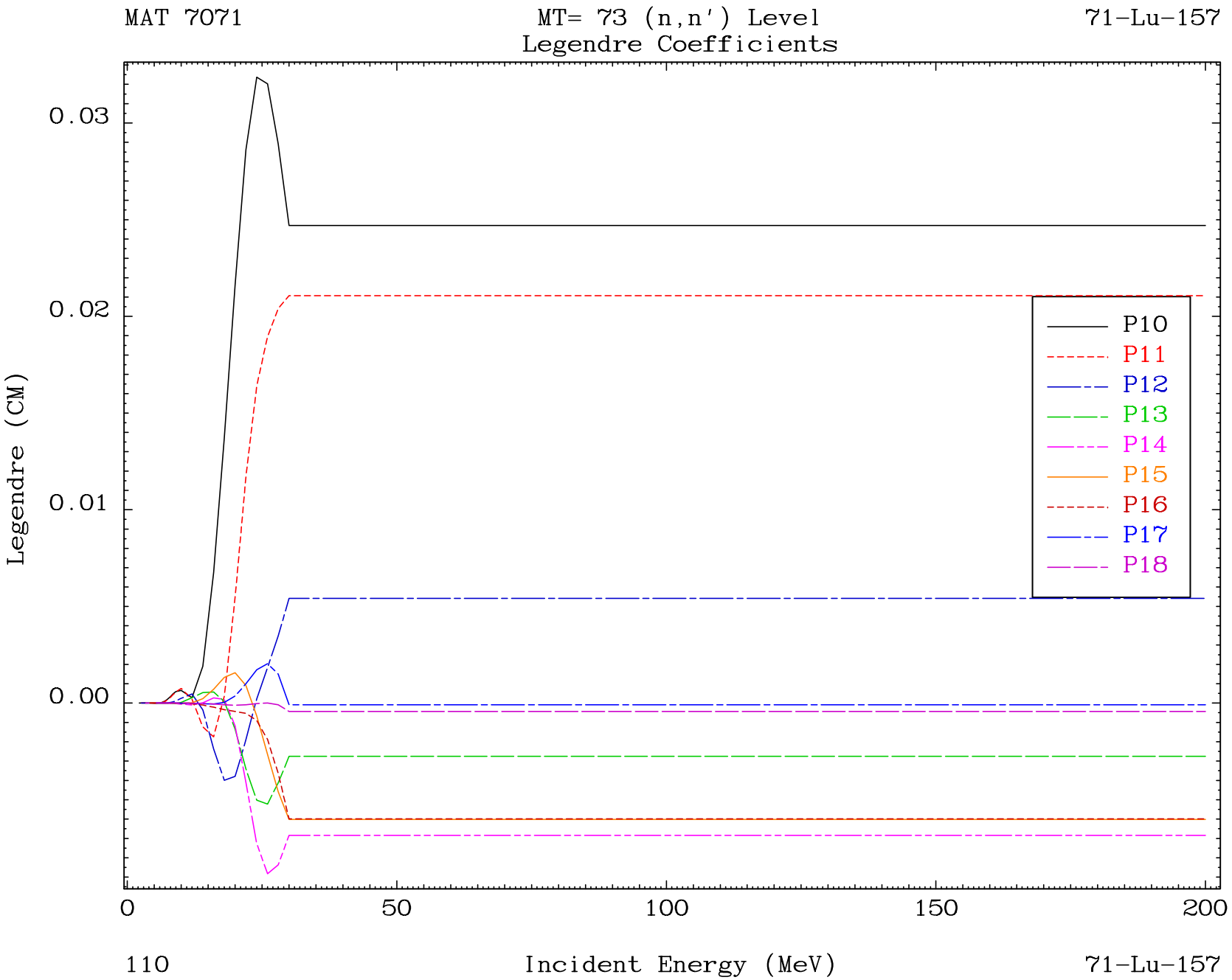

MAT 7071
MT= 72 (n,n') Level
Legendre Coefficients
71-Lu-157
Legendre (CM)
0.5
0.4
0.3
0.2
0.1
0.0
P1
P2
P3
P4
P5
P6
P7
P8
P9
0
50
100
150
200
105
Incident Energy (MeV)
71-Lu-157

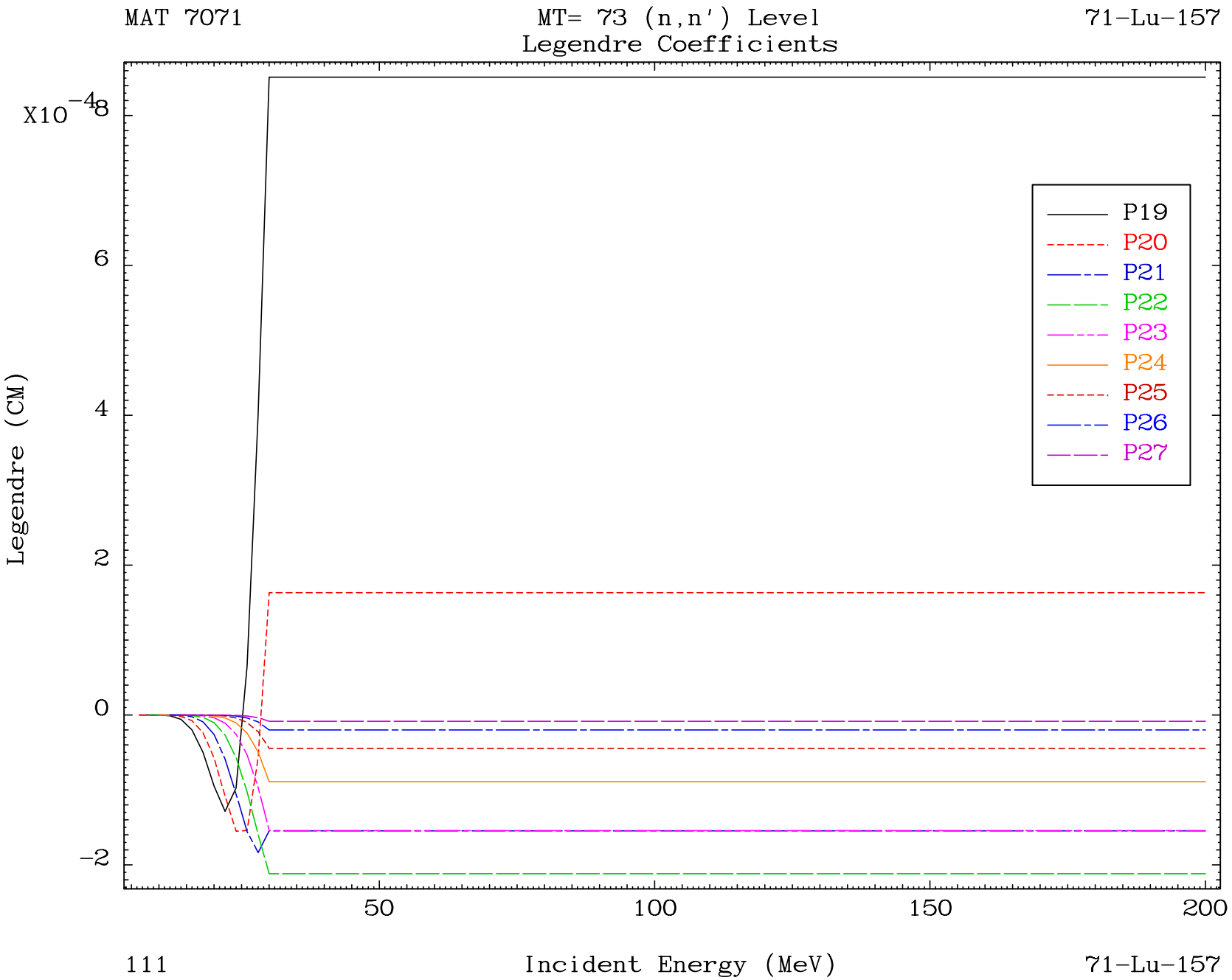

MAT 7071
MT= 72 (n,n') Level
Legendre Coefficients
71-Lu-157
P10
P11
P12
P13
P14
P15
P16
P17
P18
0.02
0.00
-0.02
-0.04
Legendre (CM)
0
50
100
150
200
106
Incident Energy (MeV)
71-Lu-157

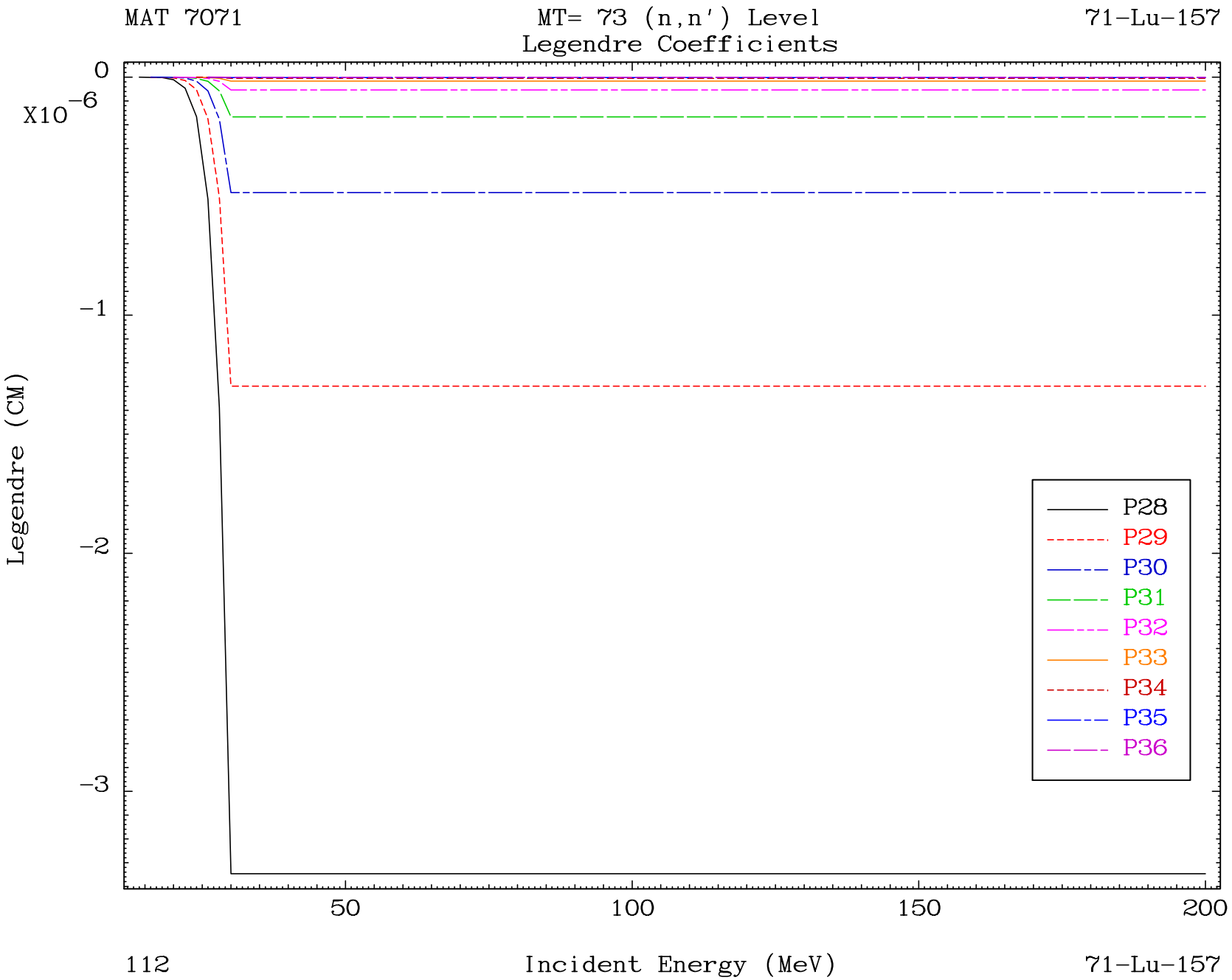

MAT 7071
MT= 72 (n,n') Level
Legendre Coefficients
71-Lu-157
P19
P20
P21
P22
P23
P24
P25
P26
P27
0.020
0.015
0.010
0.005
0.000
Legendre (CM)
50
100
150
200
107
Incident Energy (MeV)
71-Lu-157

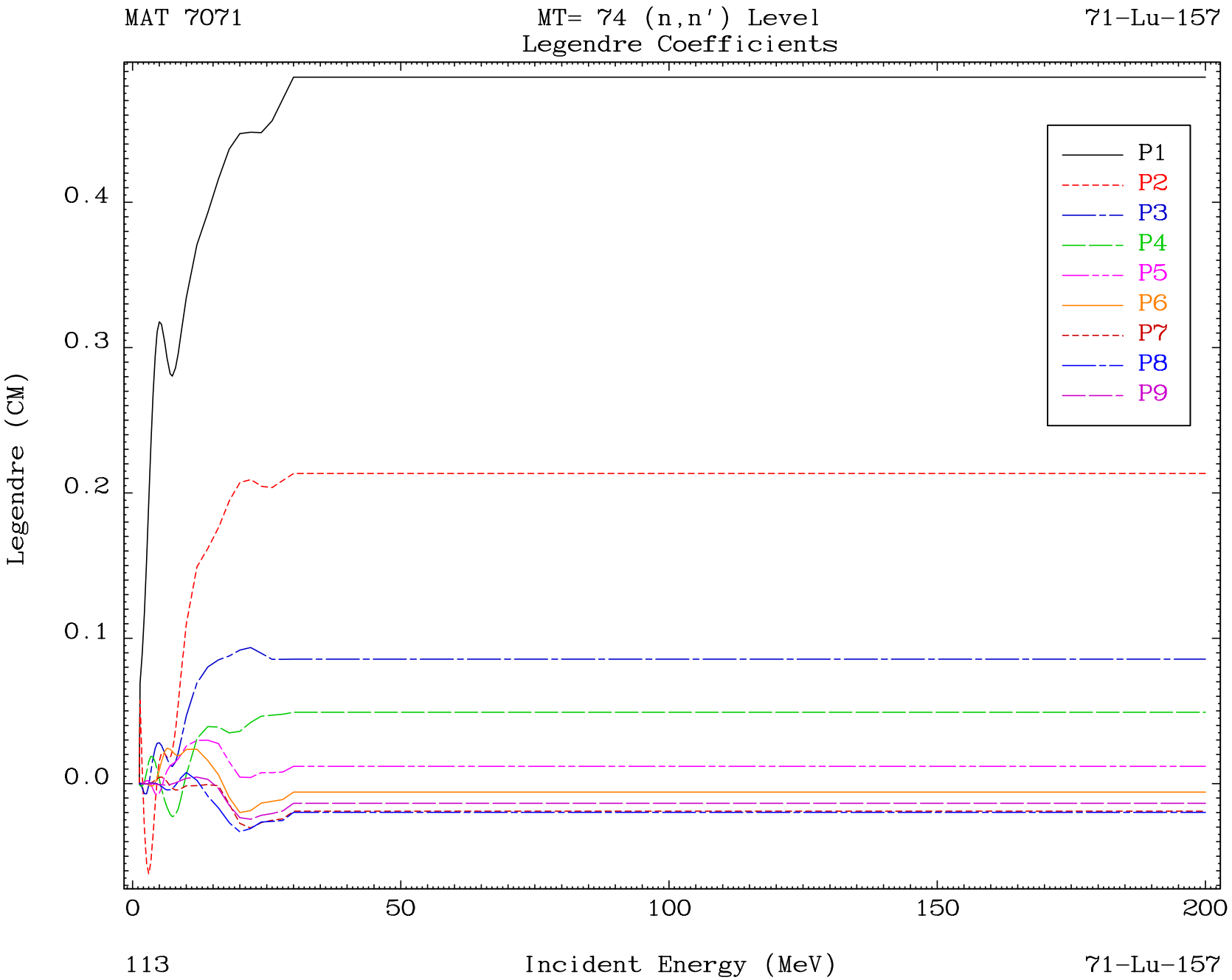

MAT 7071
MT= 72 (n,n') Level
Legendre Coefficients
71-Lu-157
X10^-5
1.2
0.8
0.4
0.0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
P35
P36
50
100
150
200
108
Incident Energy (MeV)
71-Lu-157

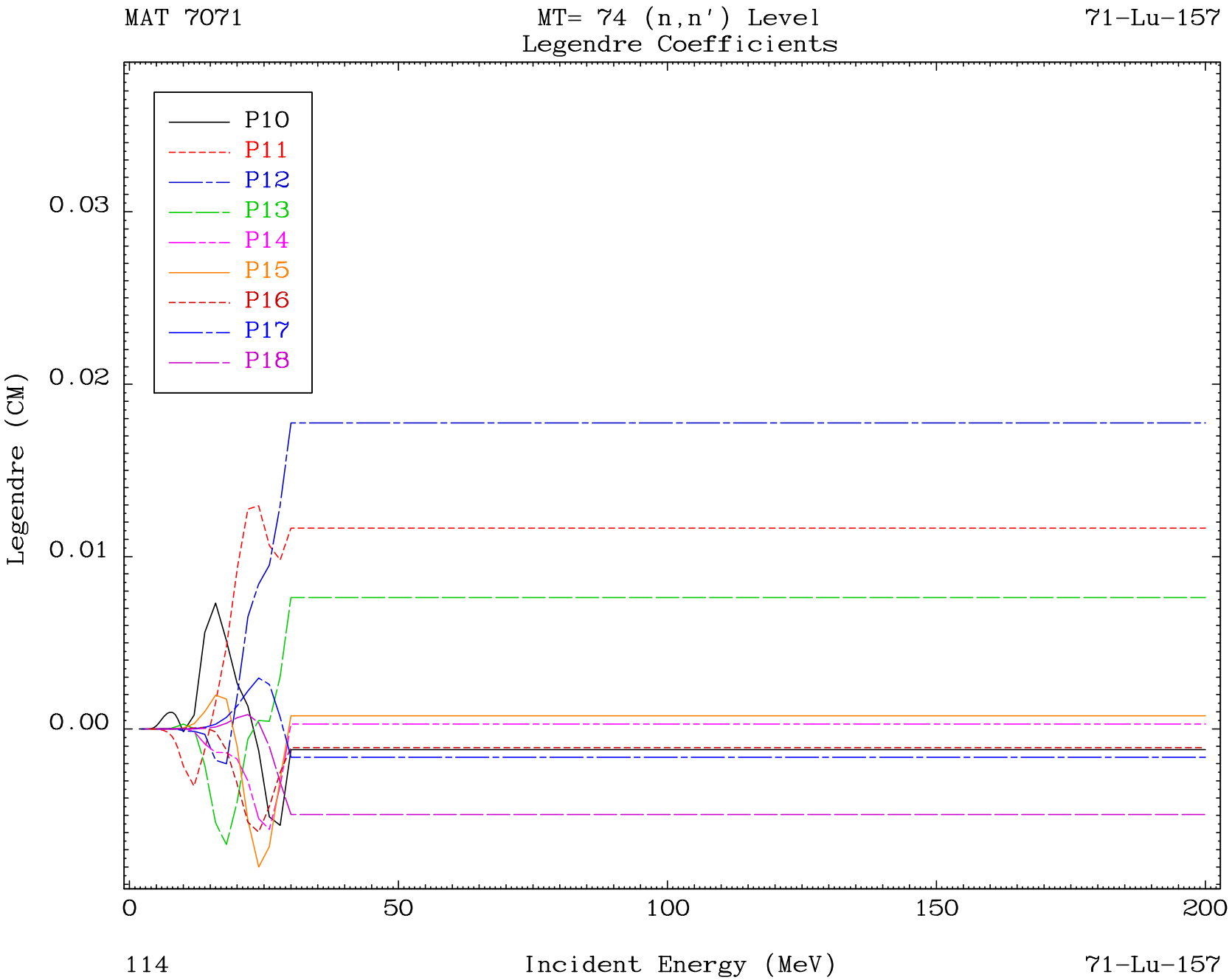

MAT 7071
MT= 73 (n,n') Level
Legendre Coefficients
71-Lu-157
0.5
0.4
0.3
0.2
0.1
0.0
-0.1
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
0
50
100
150
200
109
Incident Energy (MeV)
71-Lu-157

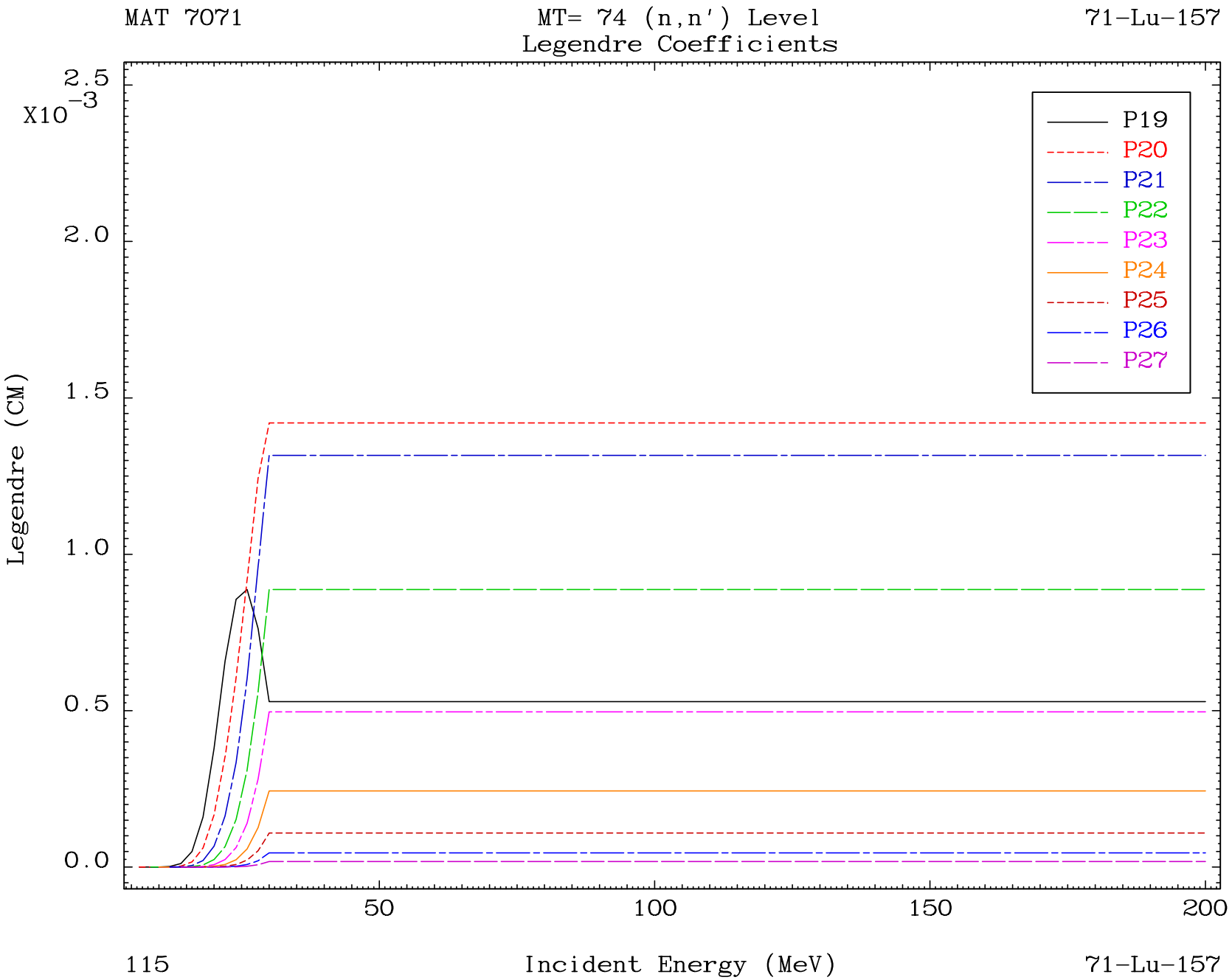

MAT 7071
MT= 73 (n,n') Level
Legendre Coefficients
71-Lu-157
0.03
0.02
0.01
0.00
Legendre (CM)
P10
P11
P12
P13
P14
P15
P16
P17
P18
0
50
100
150
200
110
Incident Energy (MeV)
71-Lu-157

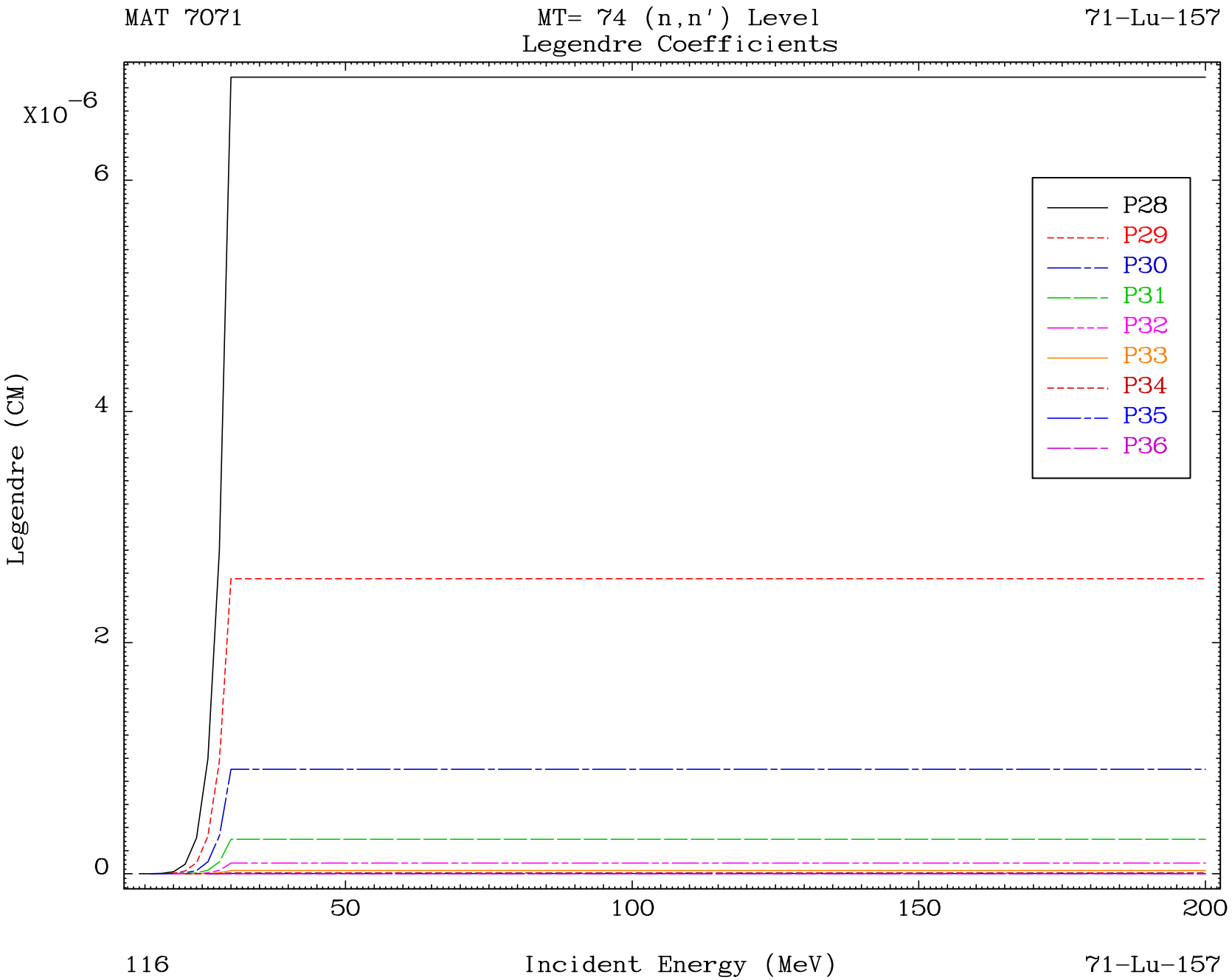

MAT 7071
MT= 73 (n,n') Level
Legendre Coefficients
71-Lu-157
X10^-4
8
6
4
2
0
-2
Legendre (CM)
50
100
150
200
Incident Energy (MeV)
111
71-Lu-157
P19
P20
P21
P22
P23
P24
P25
P26
P27

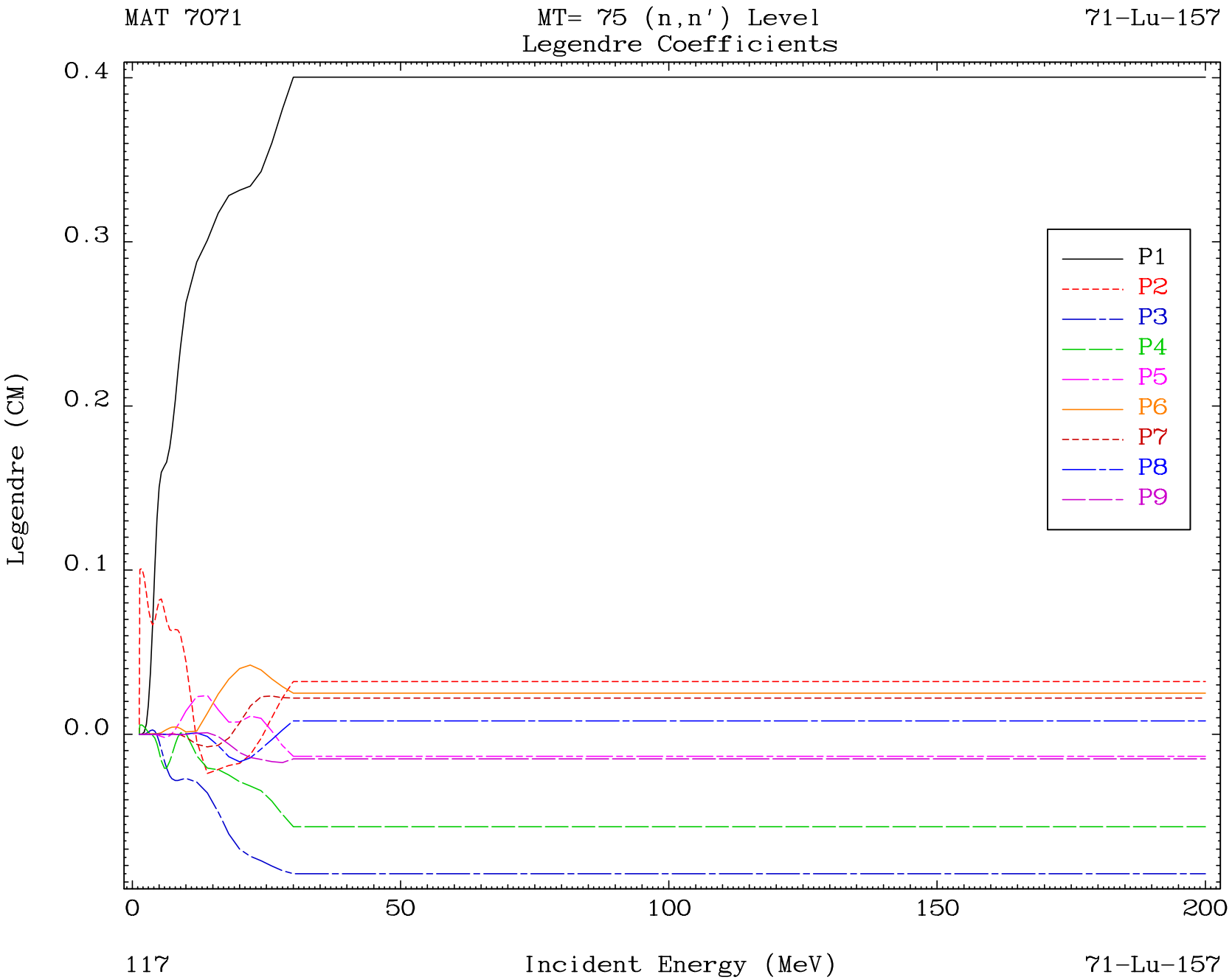

MAT 7071
MT= 73 (n,n') Level
Legendre Coefficients
71-Lu-157
0
X10^-6
-1
-2
-3
Legendre (CM)
50
100
150
200
112
Incident Energy (MeV)
71-Lu-157
P28
P29
P30
P31
P32
P33
P34
P35
P36

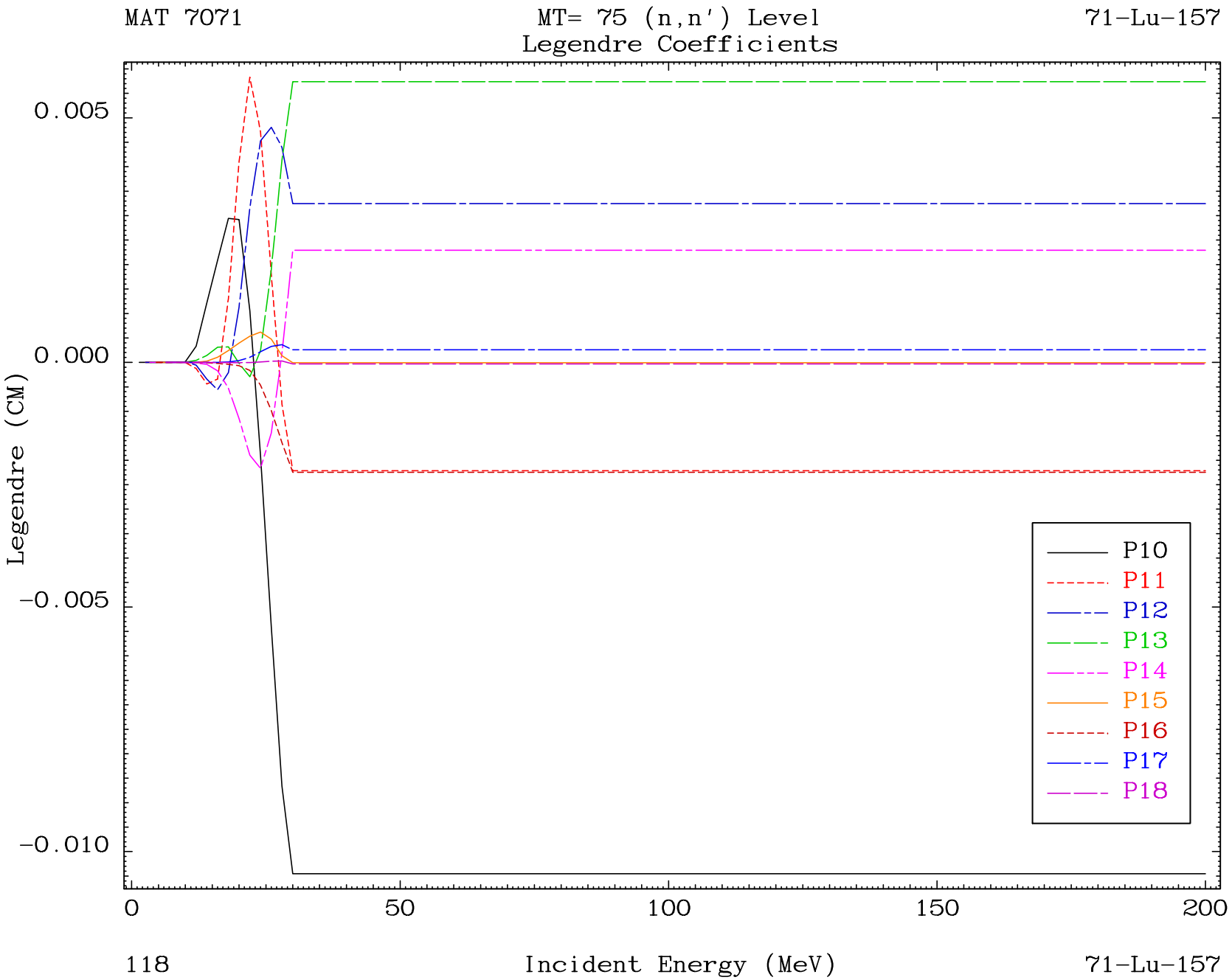

MAT 7071
MT= 74 (n,n') Level
Legendre Coefficients
71-Lu-157
Legendre (CM)
0.4
0.3
0.2
0.1
0.0
0
50
100
150
200
P1
P2
P3
P4
P5
P6
P7
P8
P9
113
Incident Energy (MeV)
71-Lu-157

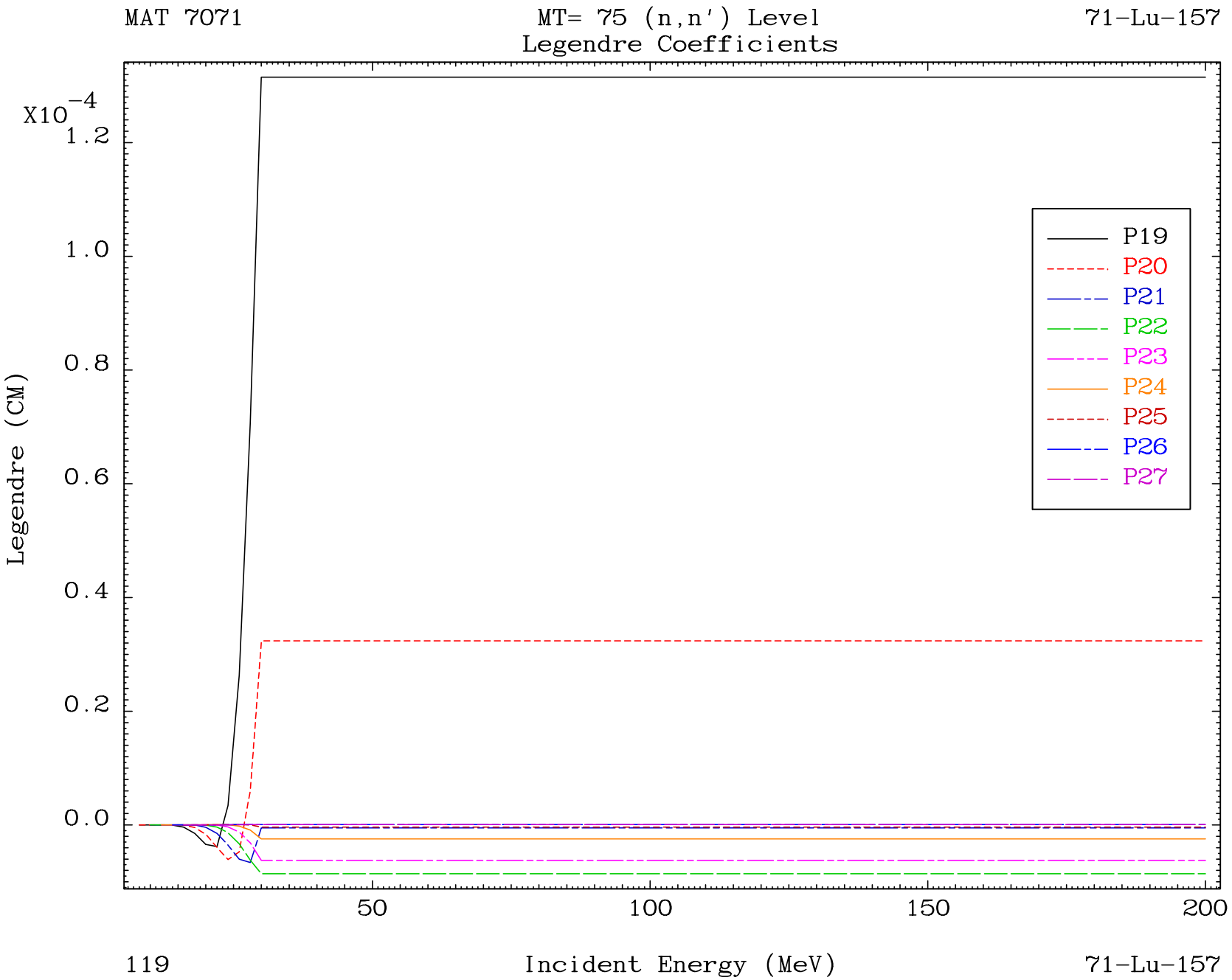

MAT 7071
MT= 74 (n,n') Level
Legendre Coefficients
71-Lu-157
P10
P11
P12
P13
P14
P15
P16
P17
P18
0.03
0.02
0.01
0.00
Legendre (CM)
0
50
100
150
200
114
Incident Energy (MeV)
71-Lu-157

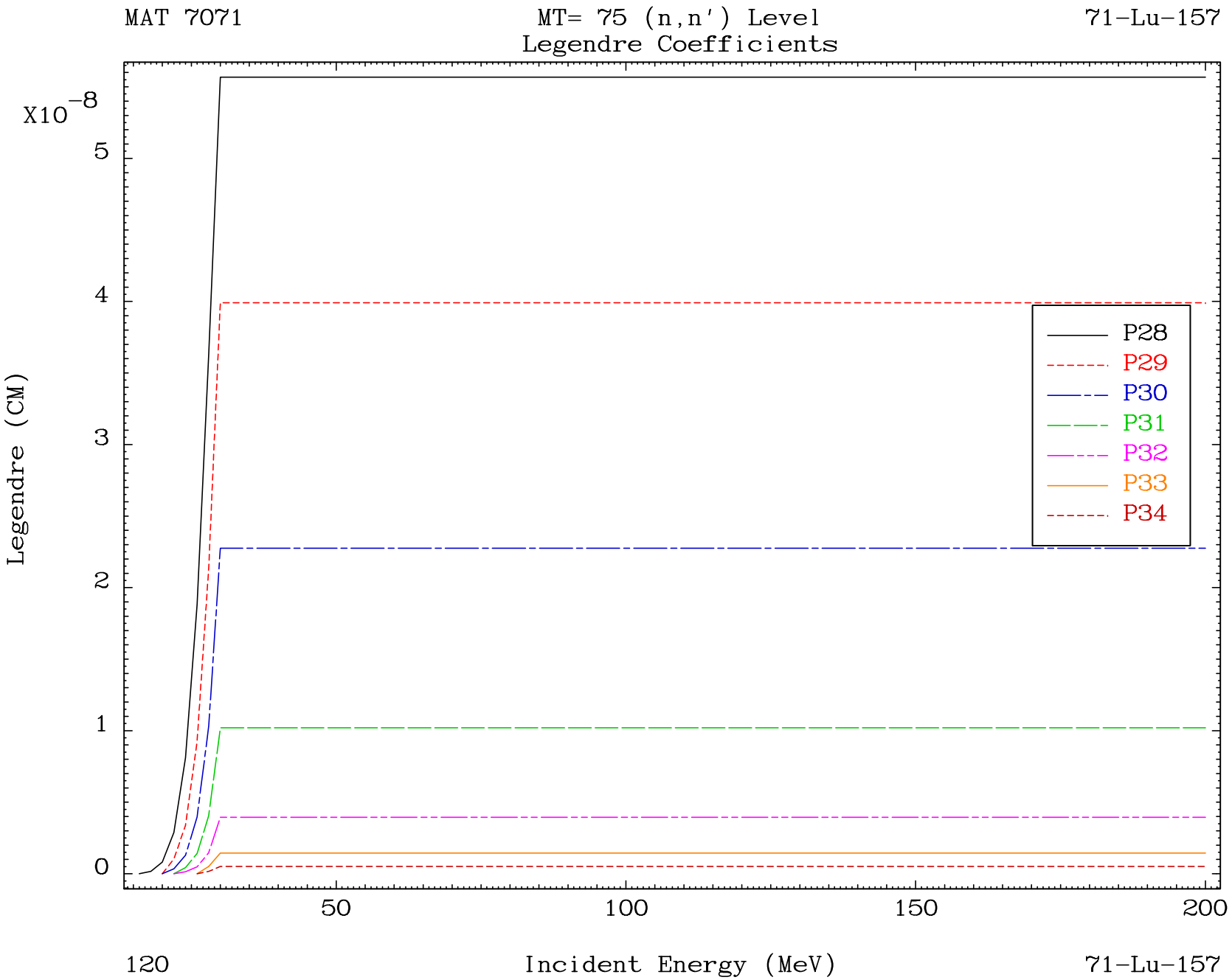

MAT 7071
MT= 74 (n,n') Level
Legendre Coefficients
71-Lu-157
X10 -3
2.5
2.0
1.5
1.0
0.5
0.0
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
P27
50
100
150
200
115
Incident Energy (MeV)
71-Lu-157

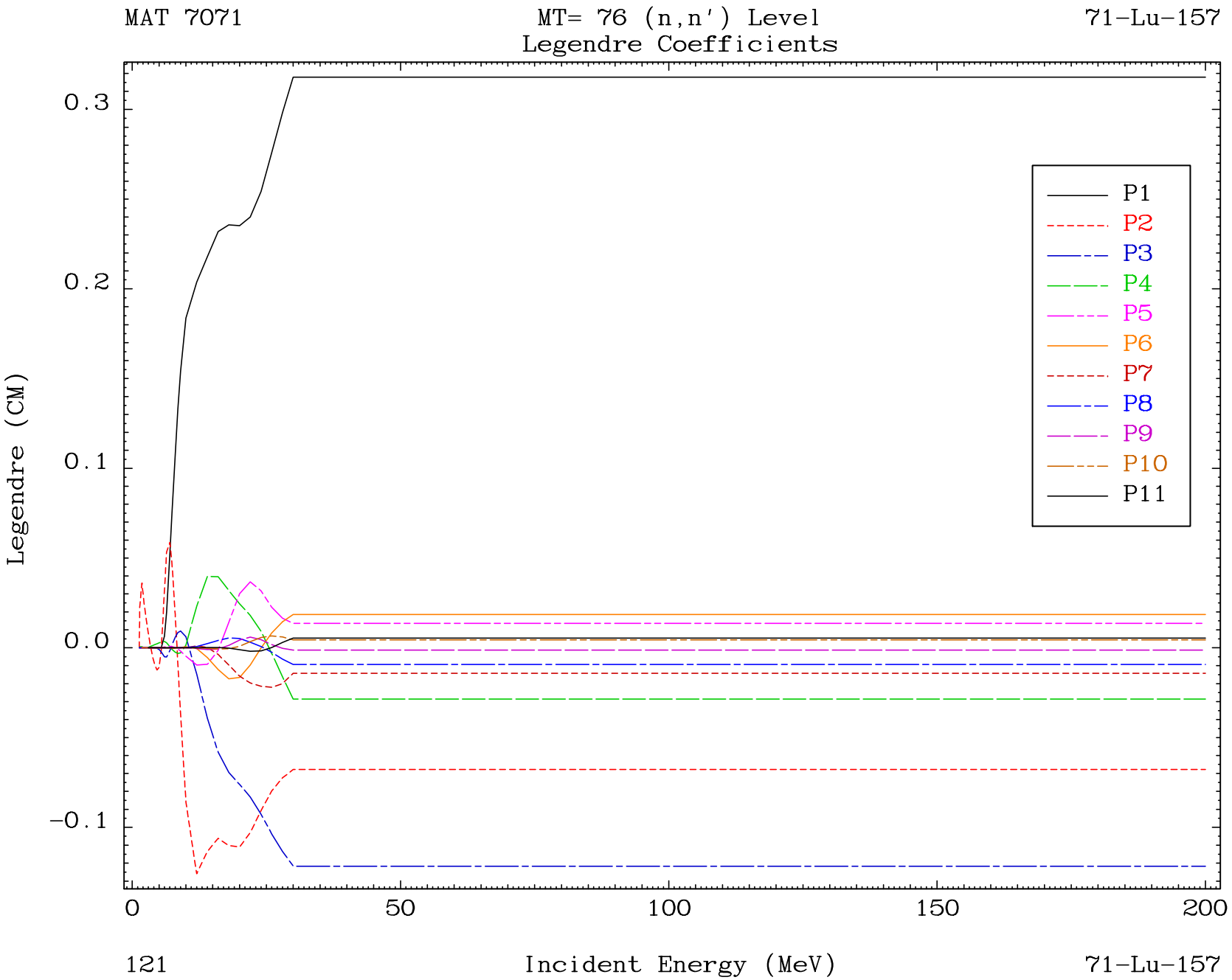

MAT 7071
MT= 74 (n,n') Level
Legendre Coefficients
71-Lu-157
X10^-6
6
4
2
0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
P35
P36
50
100
150
200
116
Incident Energy (MeV)
71-Lu-157

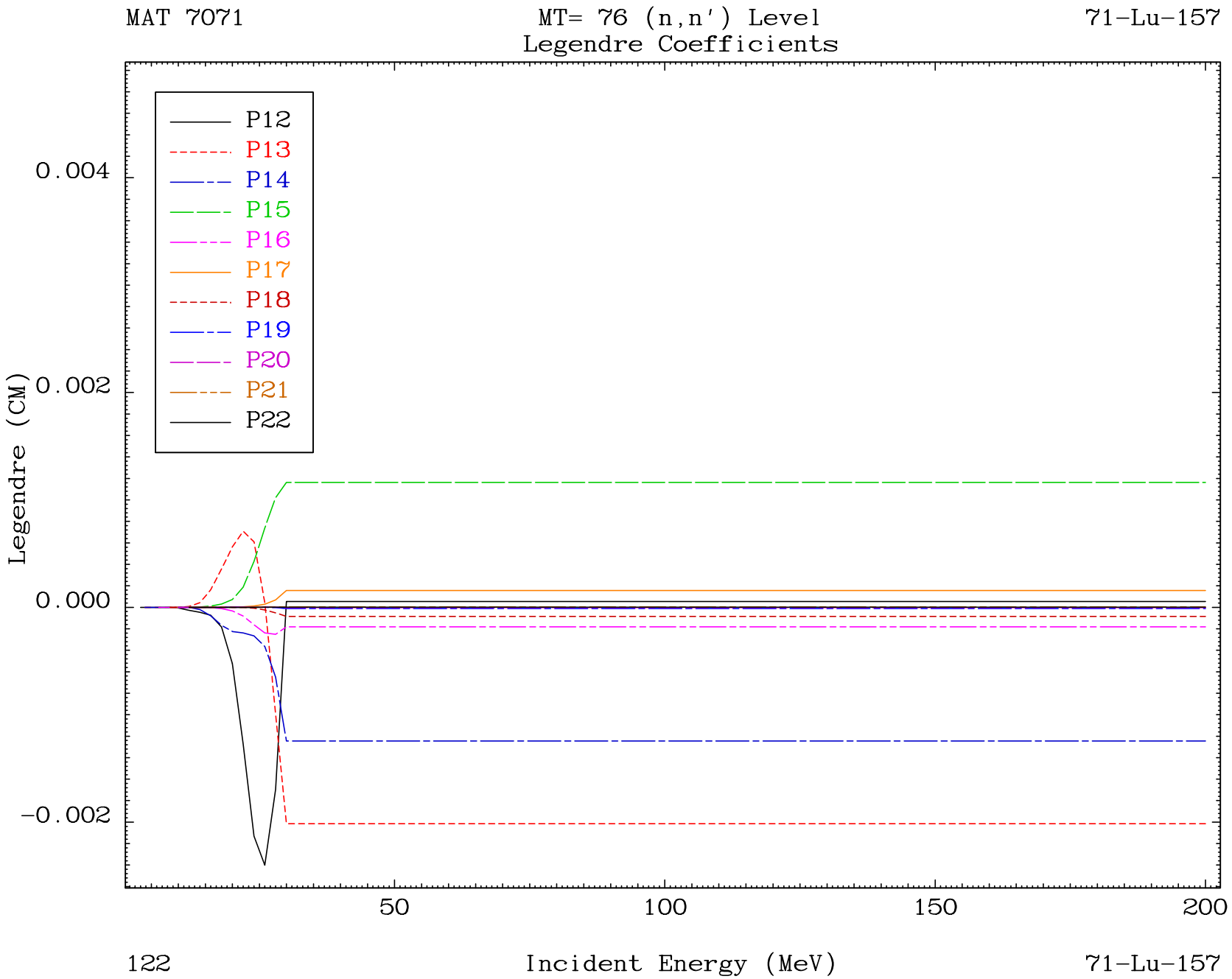

MAT 7071
MT= 75 (n,n') Level
Legendre Coefficients
71-Lu-157
0.4
0.3
0.2
0.1
0.0
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
0
50
100
150
200
117
Incident Energy (MeV)
71-Lu-157

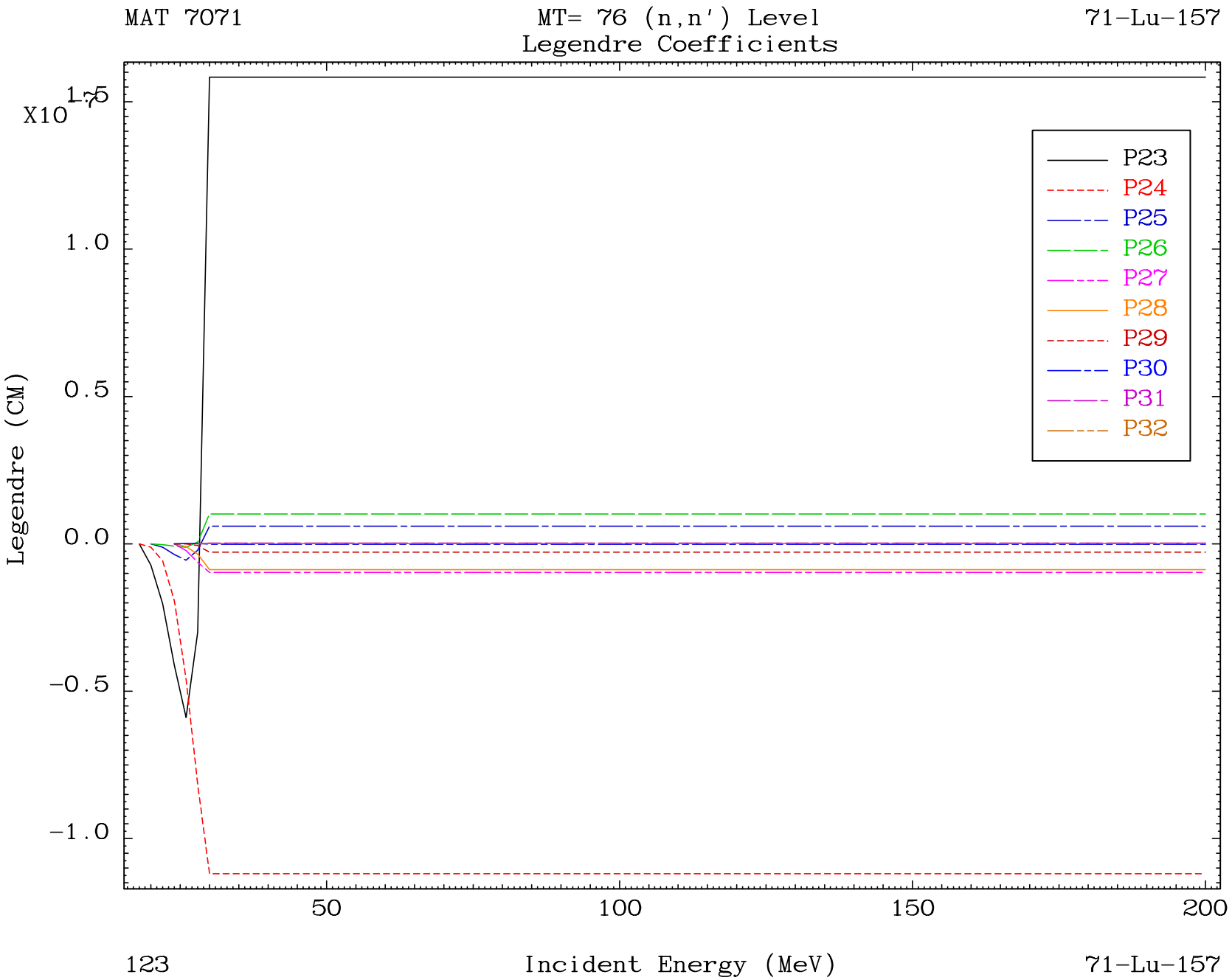

MAT 7071
MT= 75 (n,n') Level
Legendre Coefficients
71-Lu-157
0.005
0.000
-0.005
-0.010
Legendre (CM)
0
50
100
150
200
118
Incident Energy (MeV)
71-Lu-157
P10
P11
P12
P13
P14
P15
P16
P17
P18

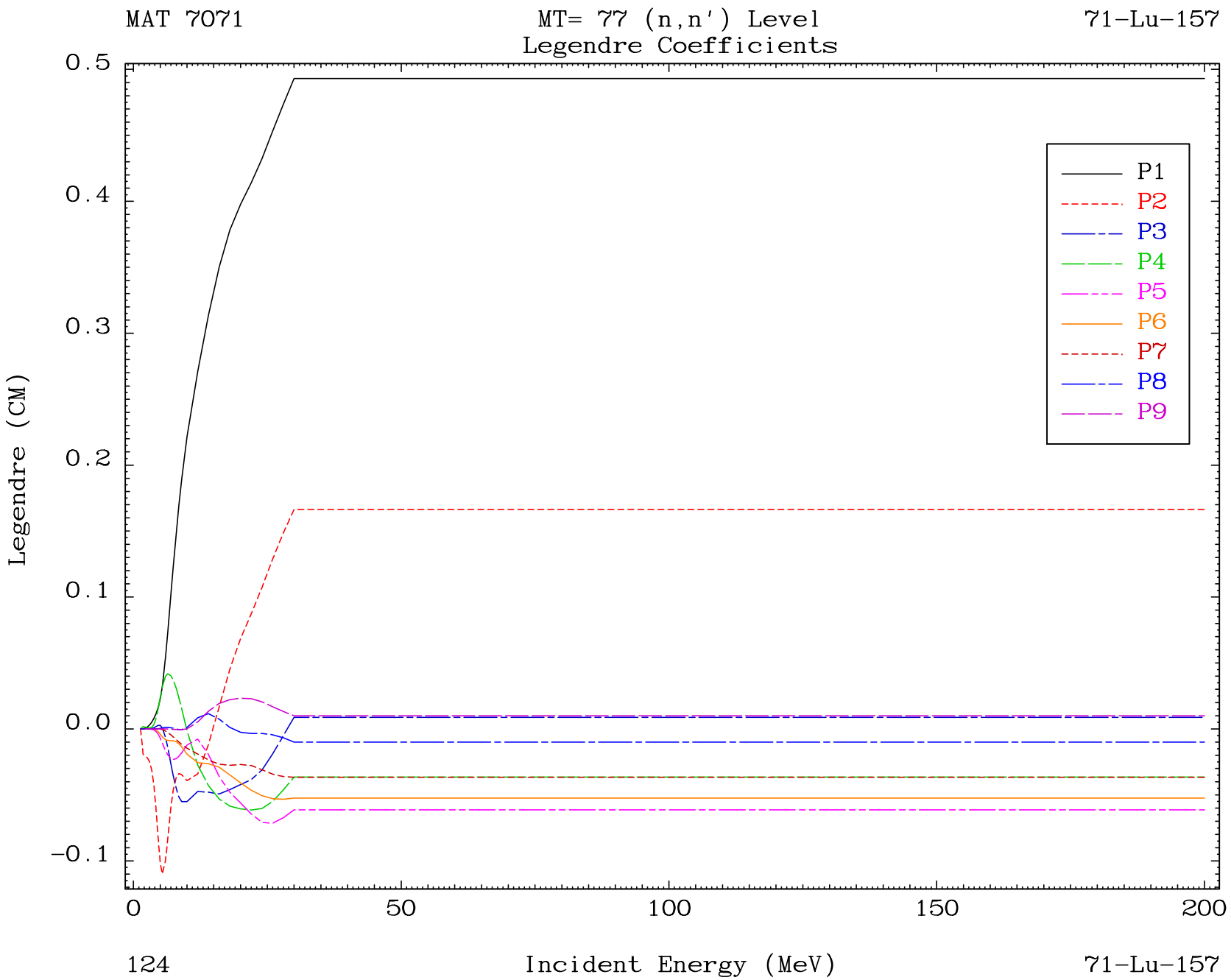

MAT 7071
MT= 75 (n,n') Level
Legendre Coefficients
71-Lu-157
X10^-4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
P27
50
100
150
200
119
Incident Energy (MeV)
71-Lu-157

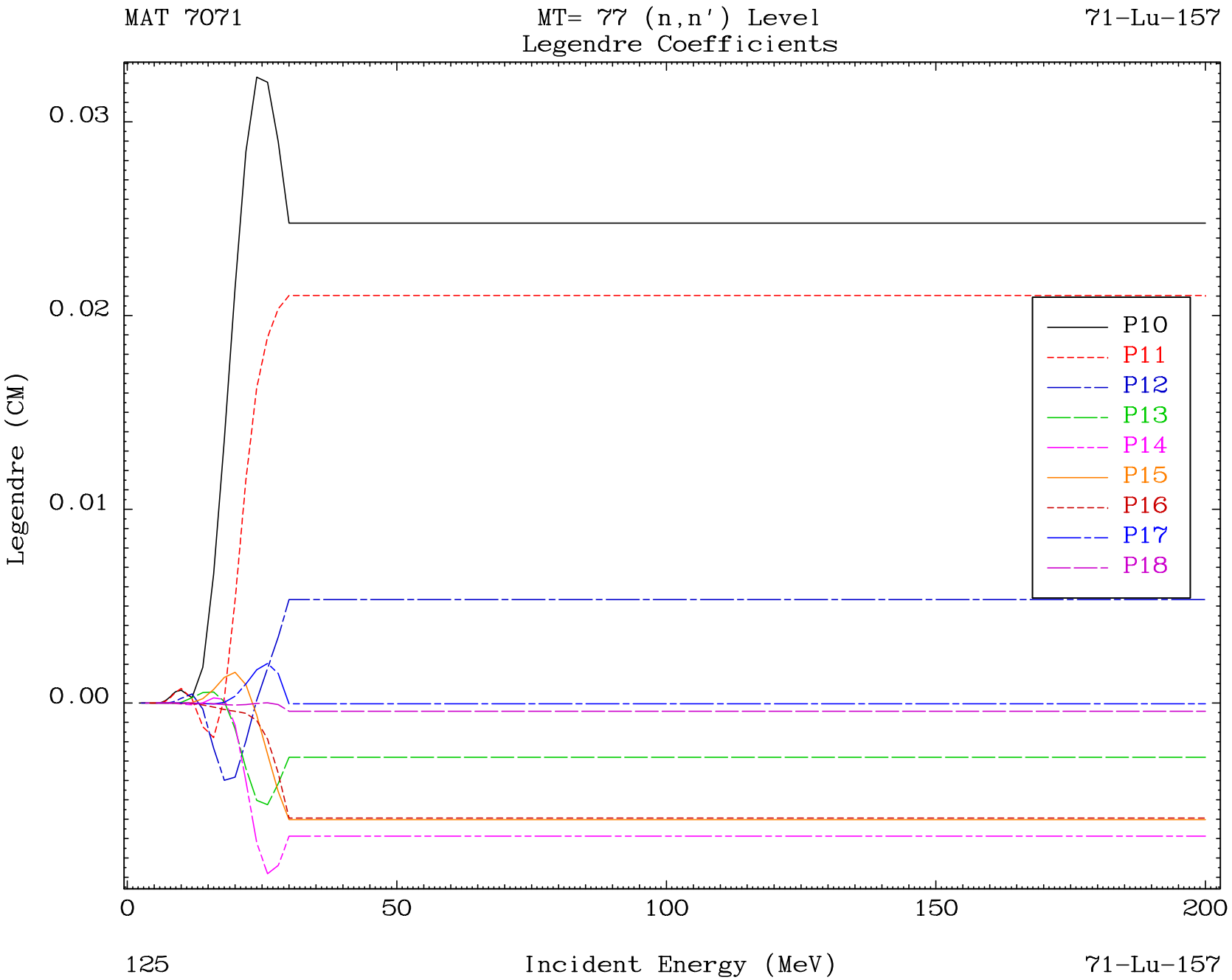

MAT 7071
MT= 75 (n,n') Level
Legendre Coefficients
71-Lu-157
X10-8
5
4
3
2
1
0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
120
50
100
150
200
Incident Energy (MeV)
71-Lu-157

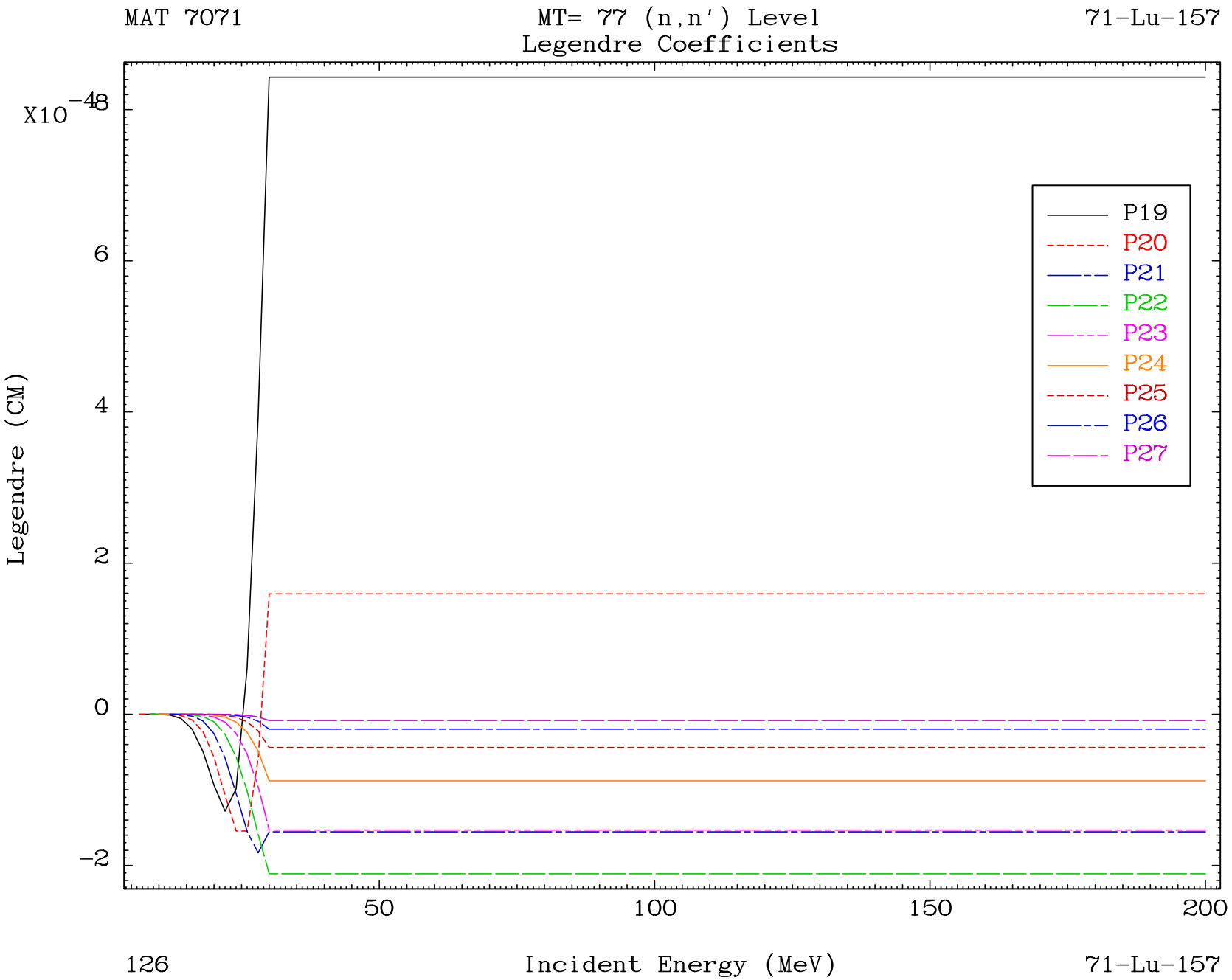

MAT 7071
MT= 76 (n,n') Level
Legendre Coefficients
71-Lu-157
Legendre (CM)
0.3
0.2
0.1
0.0
-0.1
0
50
100
150
200
121
Incident Energy (MeV)
71-Lu-157
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10
P11

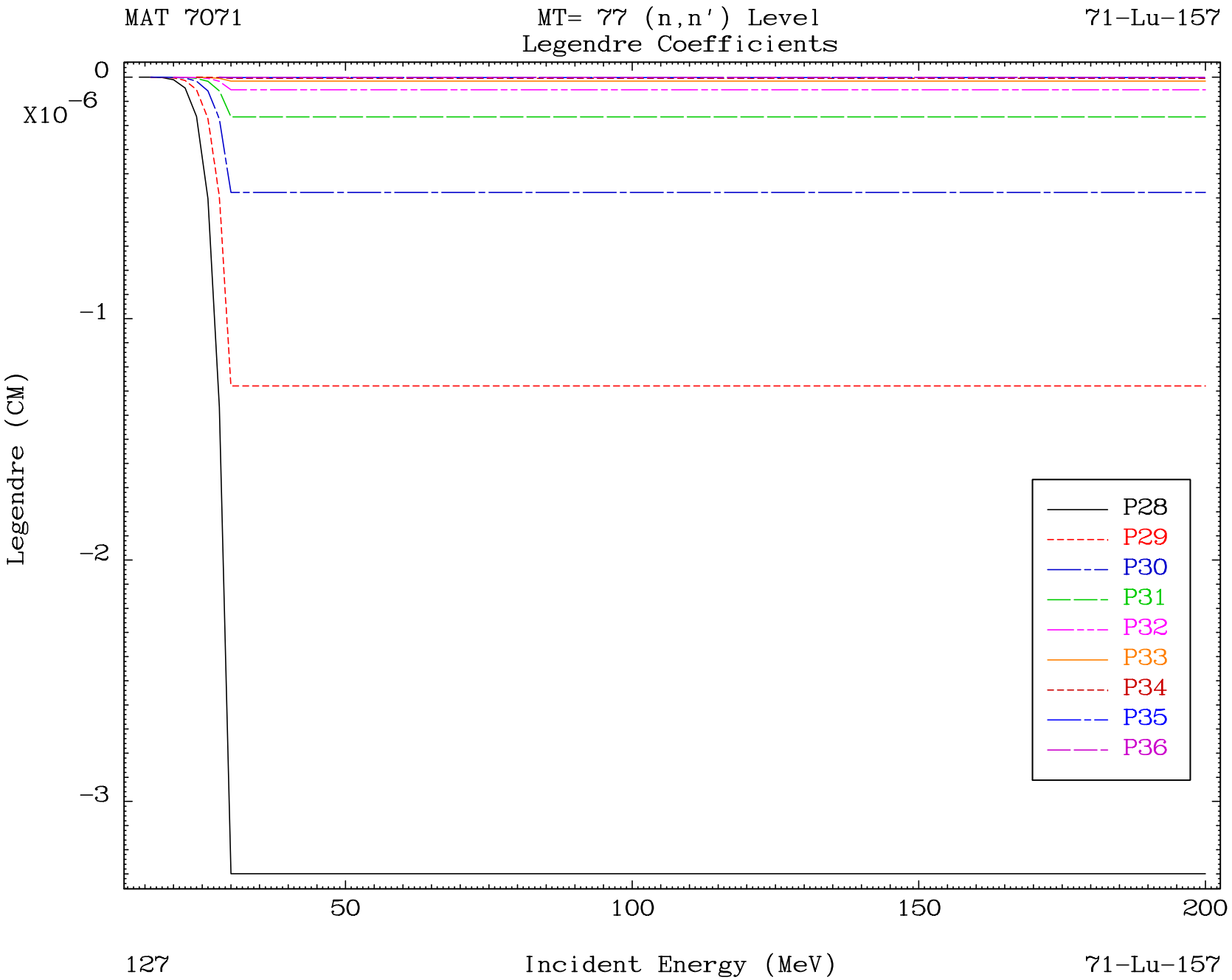

MAT 7071
MT= 76 (n,n') Level
Legendre Coefficients
71-Lu-157
P12
P13
P14
P15
P16
P17
P18
P19
P20
P21
P22
0.004
0.002
0.000
-0.002
Legendre (CM)
50
100
150
200
122
Incident Energy (MeV)
71-Lu-157

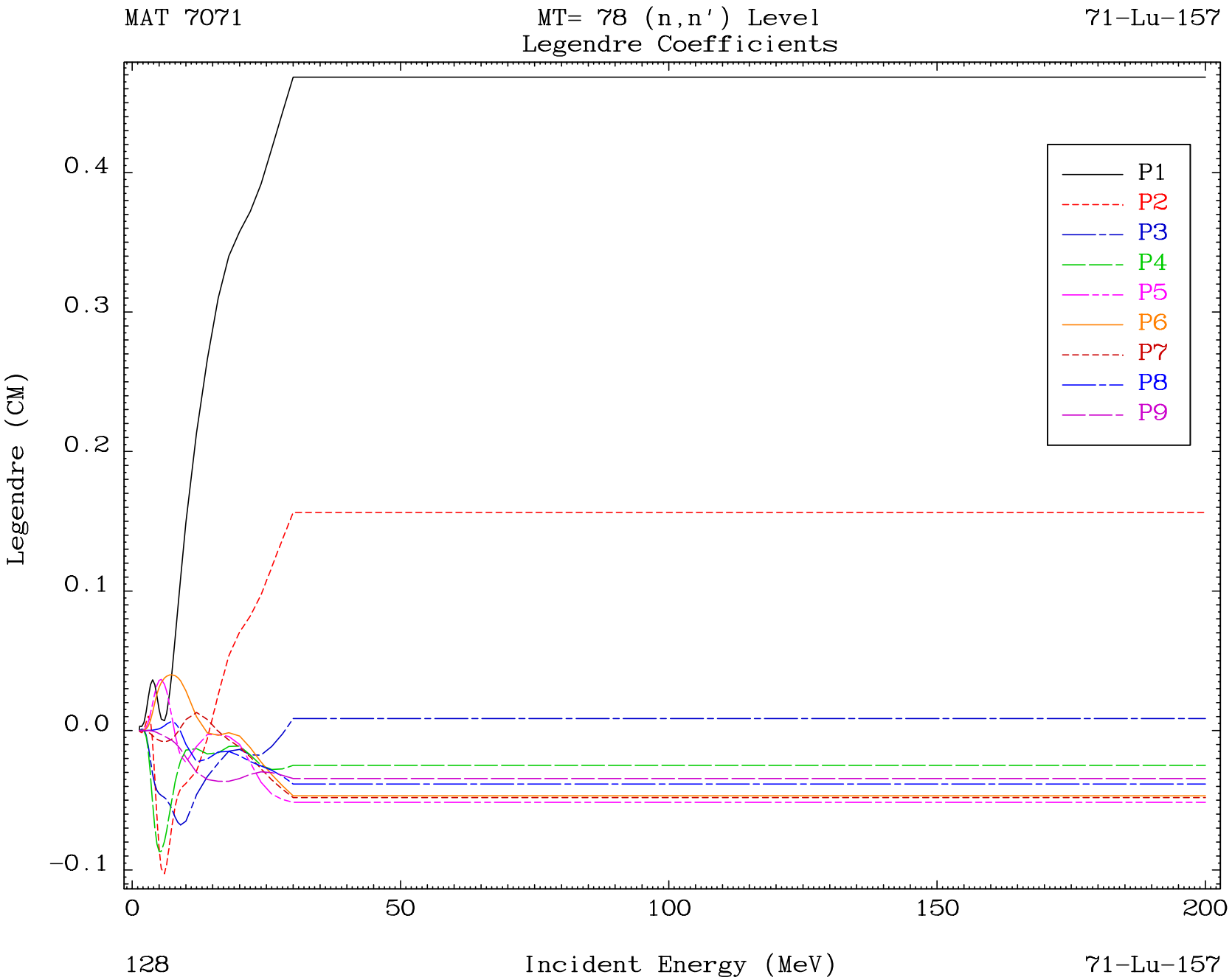

MAT 7071
MT= 76 (n,n') Level
Legendre Coefficients
71-Lu-157
X10
1.5
1.0
0.5
0.0
-0.5
-1.0
Legendre (CM)
P23
P24
P25
P26
P27
P28
P29
P30
P31
P32
50
100
150
200
123
Incident Energy (MeV)
71-Lu-157

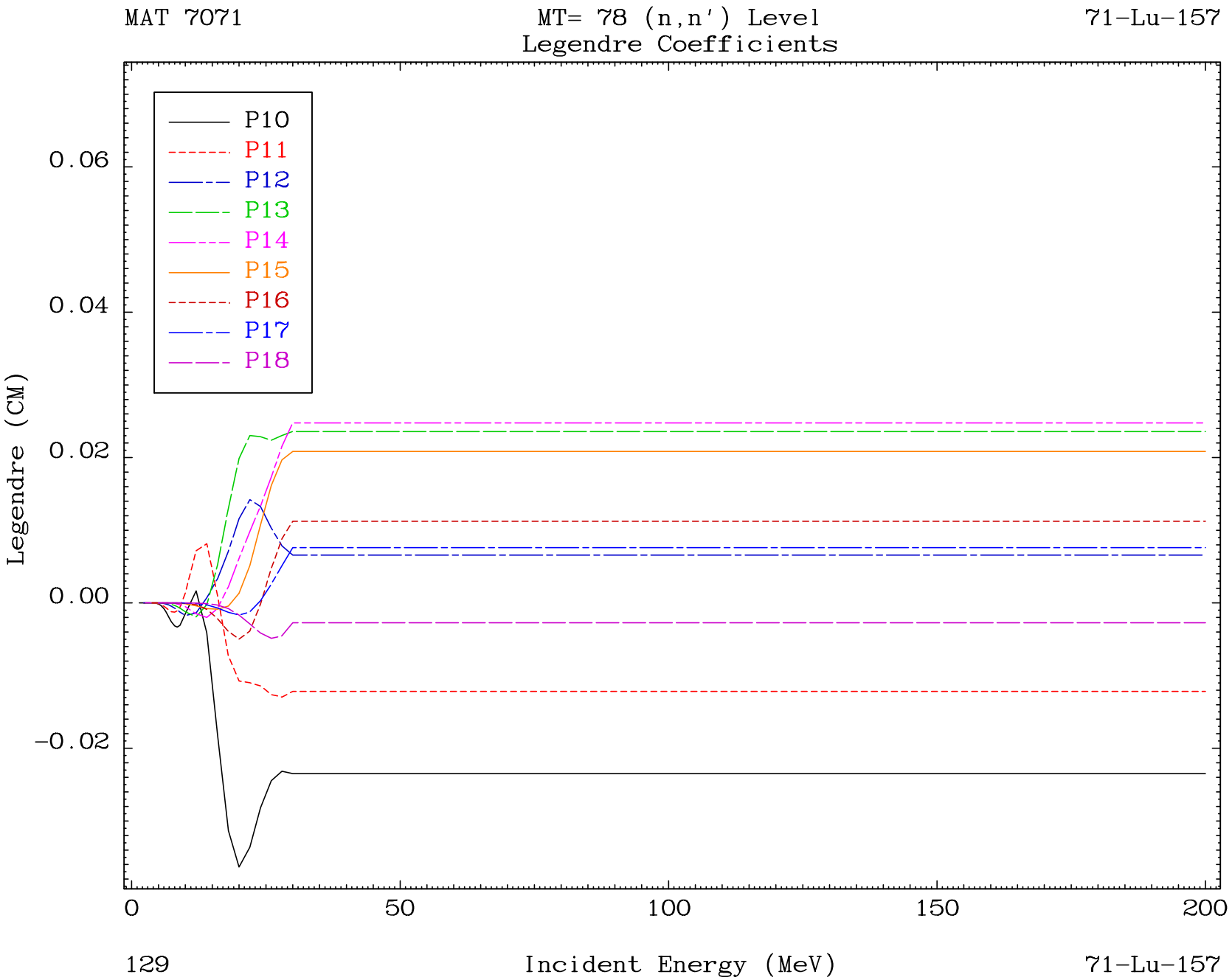

MAT 7071
MT= 77 (n,n') Level
Legendre Coefficients
71-Lu-157
0.5
0.4
0.3
0.2
0.1
0.0
-0.1
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
0
50
100
150
200
124
Incident Energy (MeV)
71-Lu-157

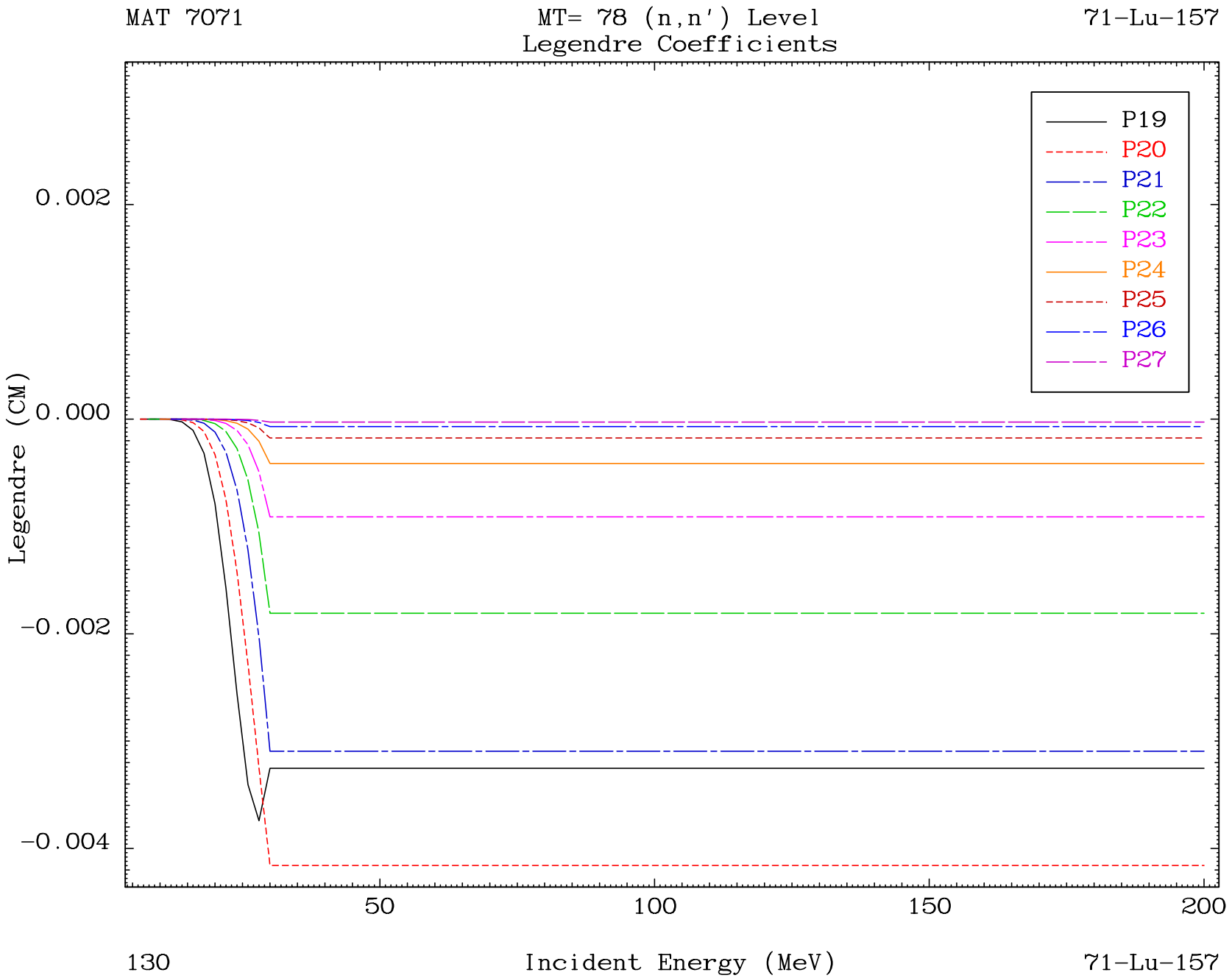

MAT 7071
MT= 77 (n,n') Level
Legendre Coefficients
71-Lu-157
0.03
0.02
0.01
0.00
Legendre (CM)
P10
P11
P12
P13
P14
P15
P16
P17
P18
0
50
100
150
200
125
Incident Energy (MeV)
71-Lu-157

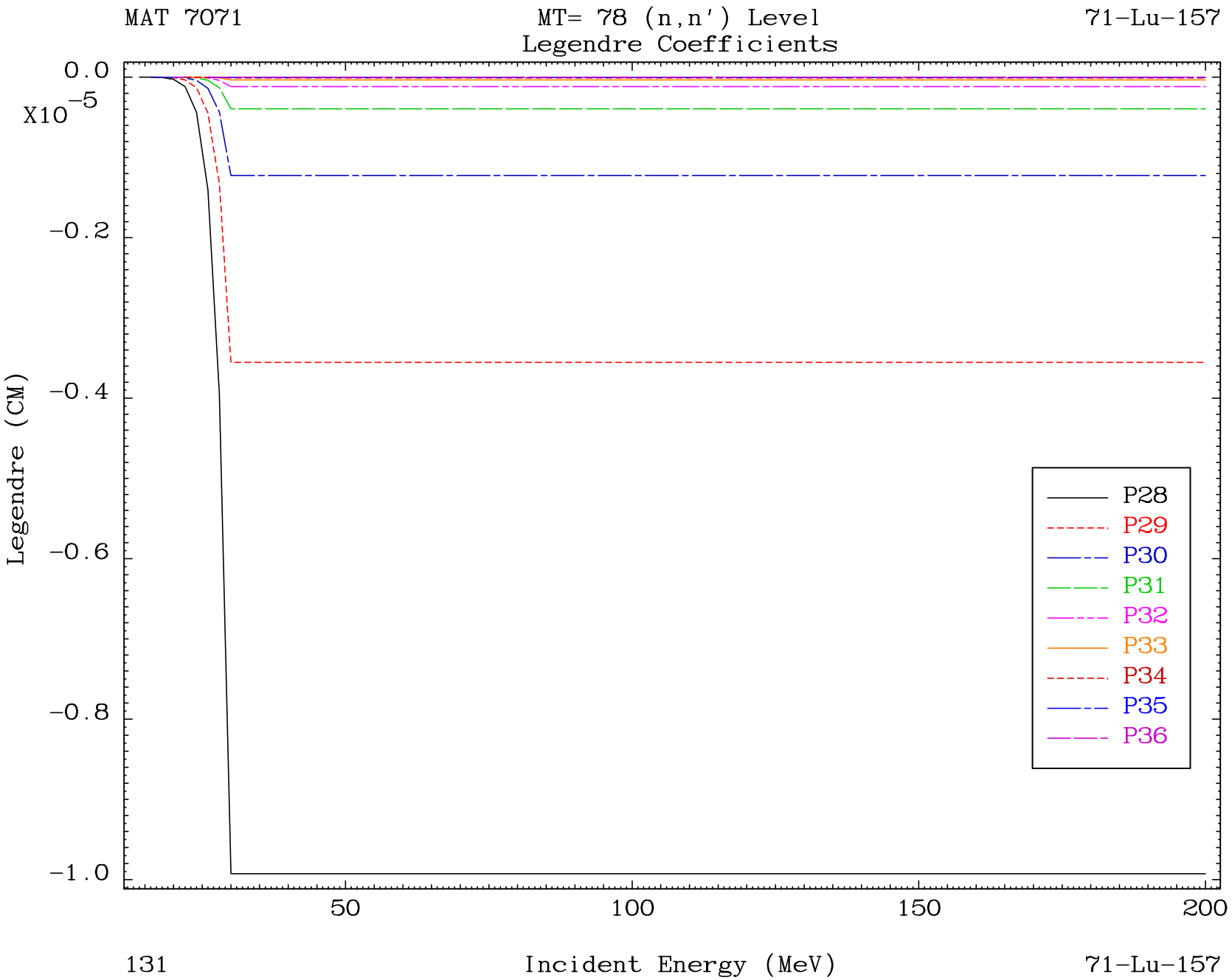

MAT 7071
MT= 77 (n,n') Level
Legendre Coefficients
71-Lu-157
X10 -48
6
4
2
0
-2
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
P27
50
100
150
200
126
Incident Energy (MeV)
71-Lu-157

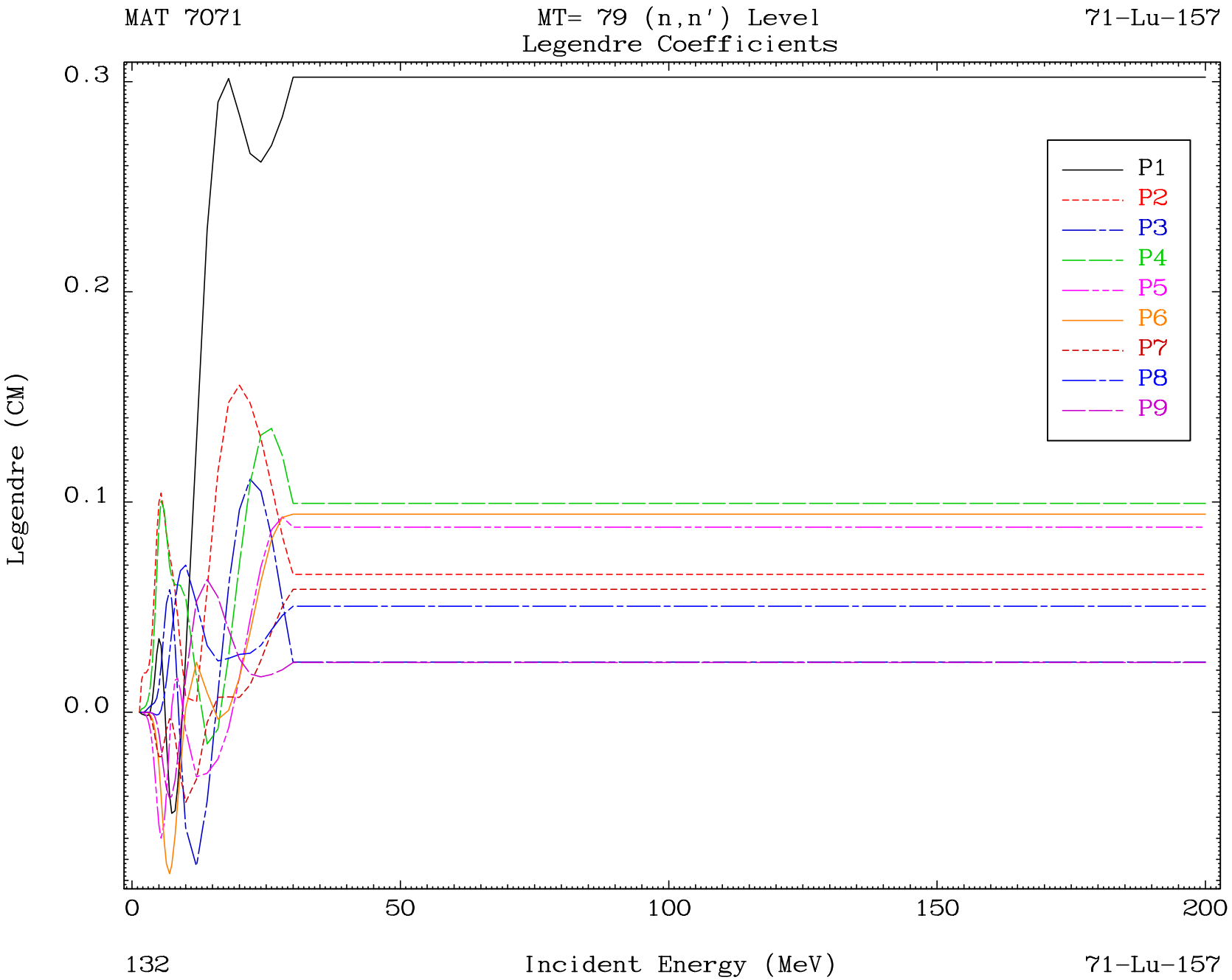

MAT 7071
MT= 77 (n,n') Level
Legendre Coefficients
71-Lu-157
0
X10^-6
-1
-2
-3
Legendre (CM)
50
100
150
200
127
Incident Energy (MeV)
71-Lu-157
P28
P29
P30
P31
P32
P33
P34
P35
P36

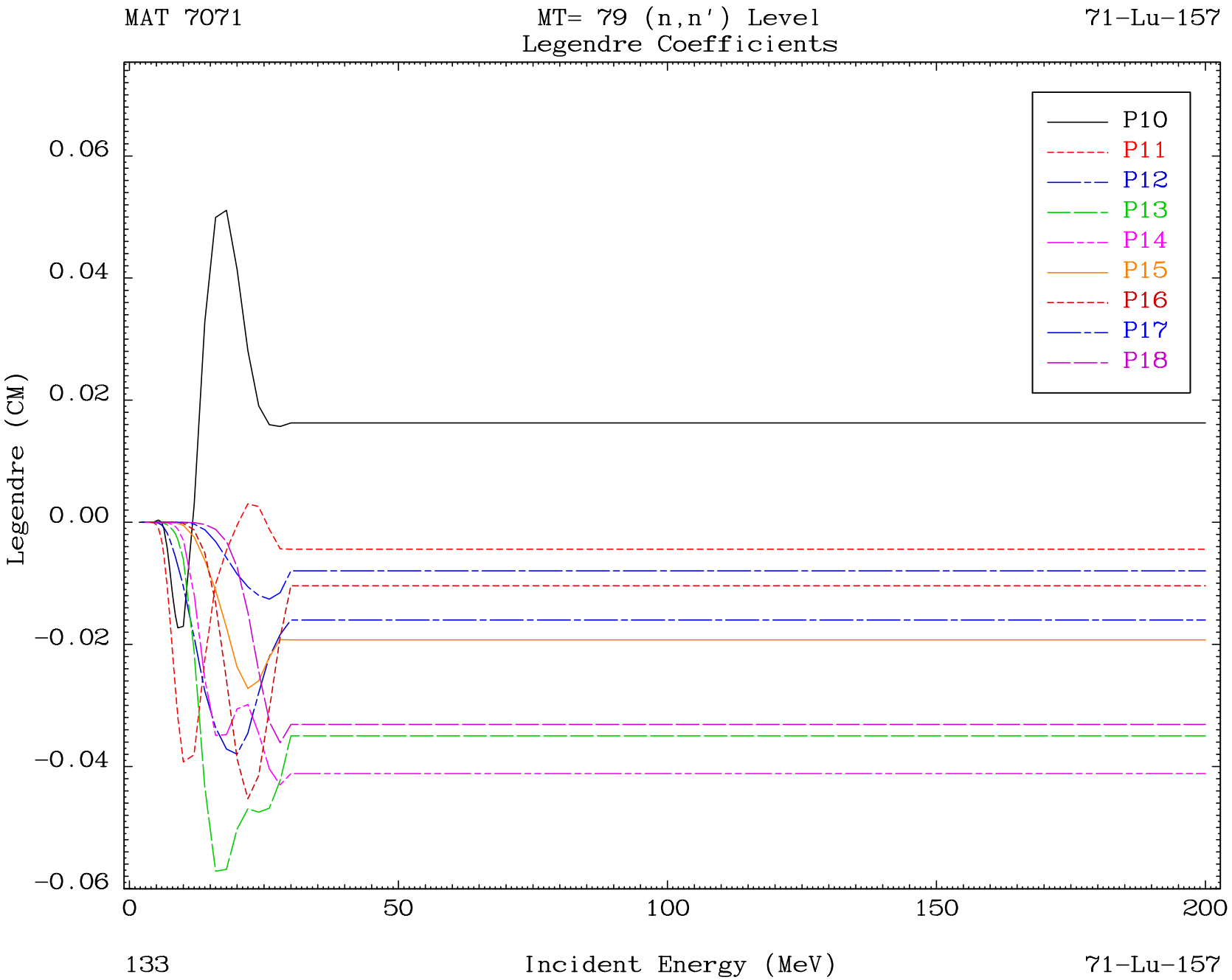

MAT 7071
MT= 78 (n,n') Level
Legendre Coefficients
71-Lu-157
Legendre (CM)
0.4
0.3
0.2
0.1
0.0
-0.1
0
50
100
150
200
128
Incident Energy (MeV)
71-Lu-157
P1
P2
P3
P4
P5
P6
P7
P8
P9

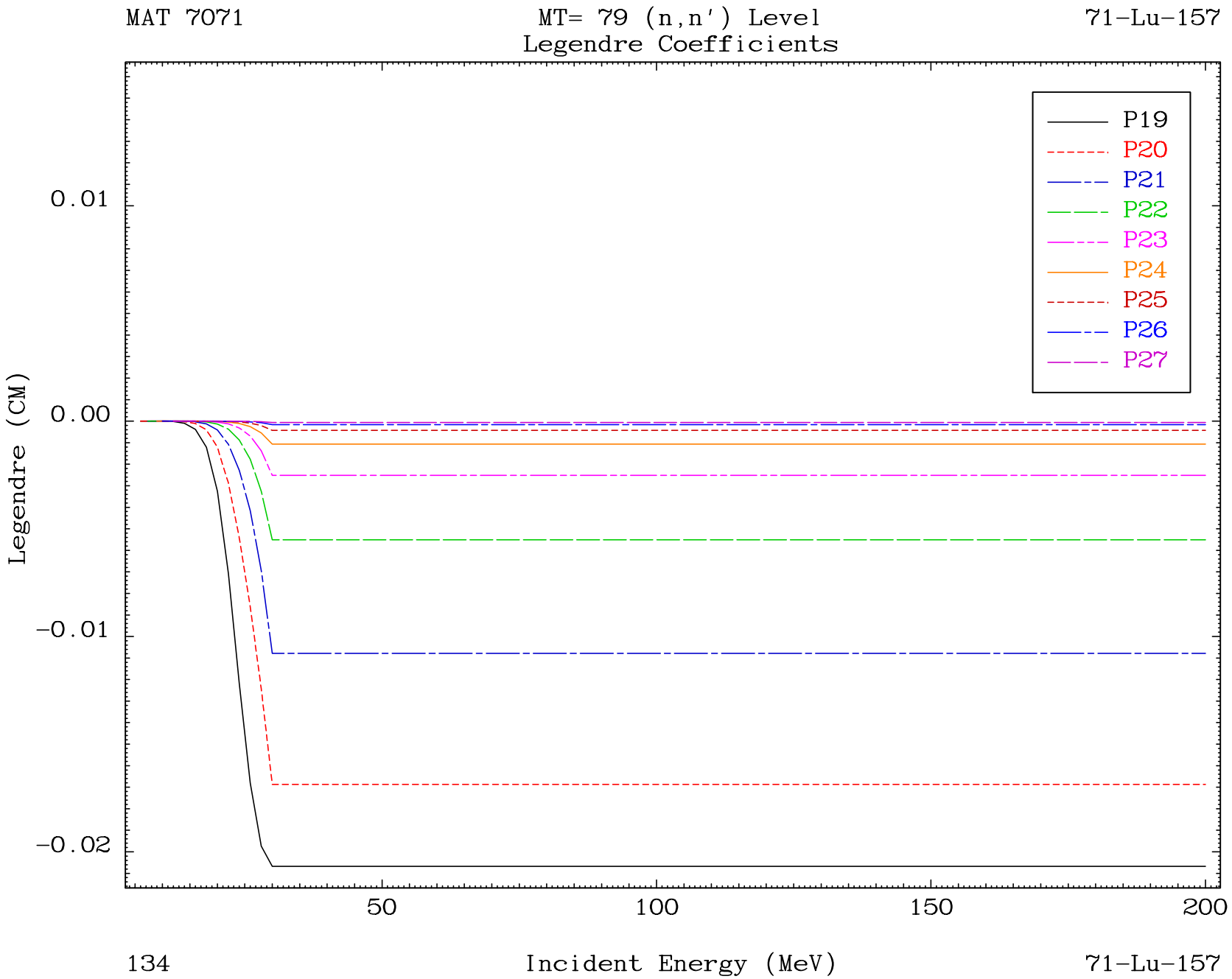

MAT 7071
MT= 78 (n,n') Level
Legendre Coefficients
71-Lu-157
P10
P11
P12
P13
P14
P15
P16
P17
P18
0.06
0.04
0.02
0.00
-0.02
Legendre (CM)
0
50
100
150
200
129
Incident Energy (MeV)
71-Lu-157

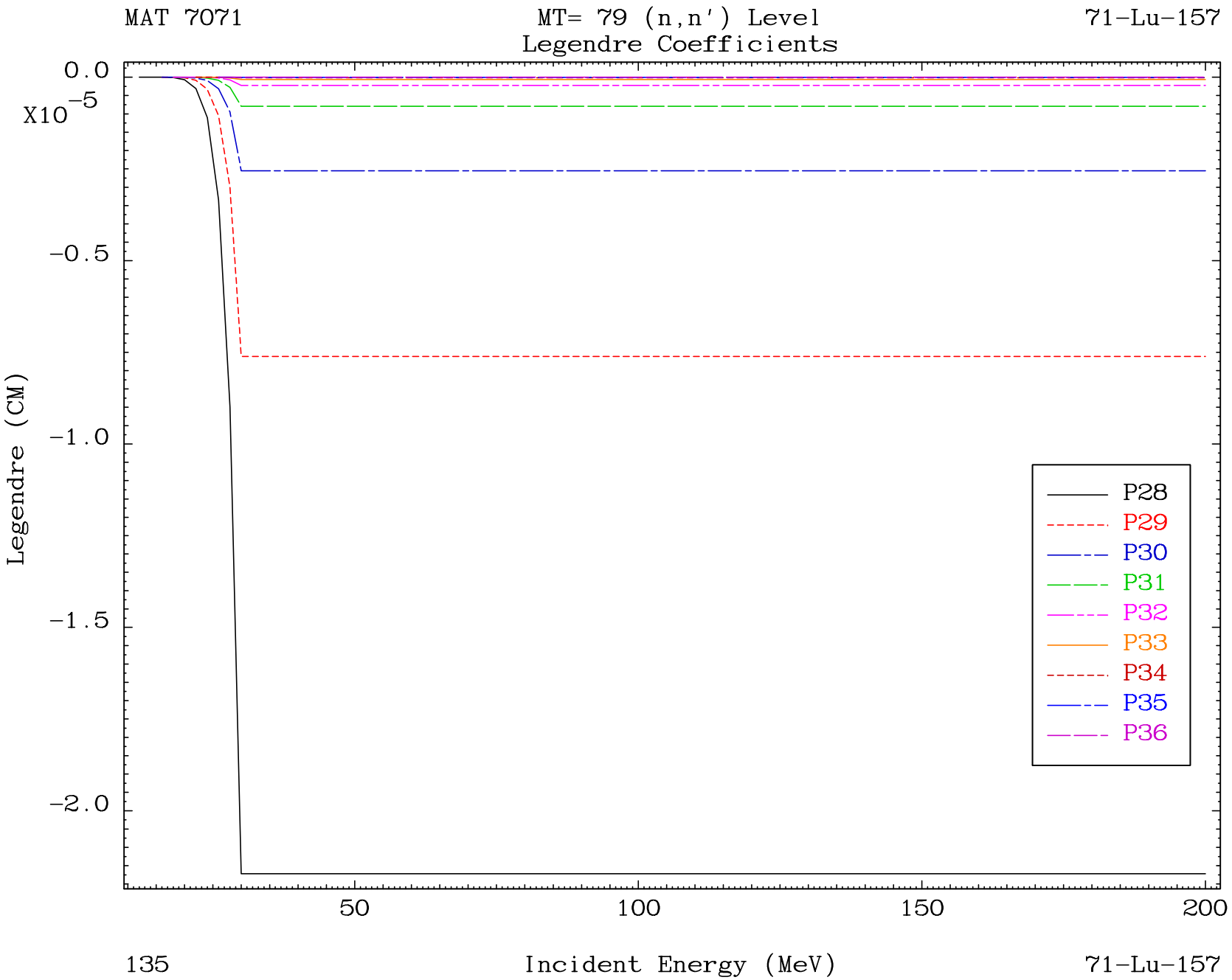

MAT 7071
MT= 78 (n,n') Level
Legendre Coefficients
71-Lu-157
P19
P20
P21
P22
P23
P24
P25
P26
P27
0.002
0.000
-0.002
-0.004
Legendre (CM)
50
100
150
200
130
Incident Energy (MeV)
71-Lu-157

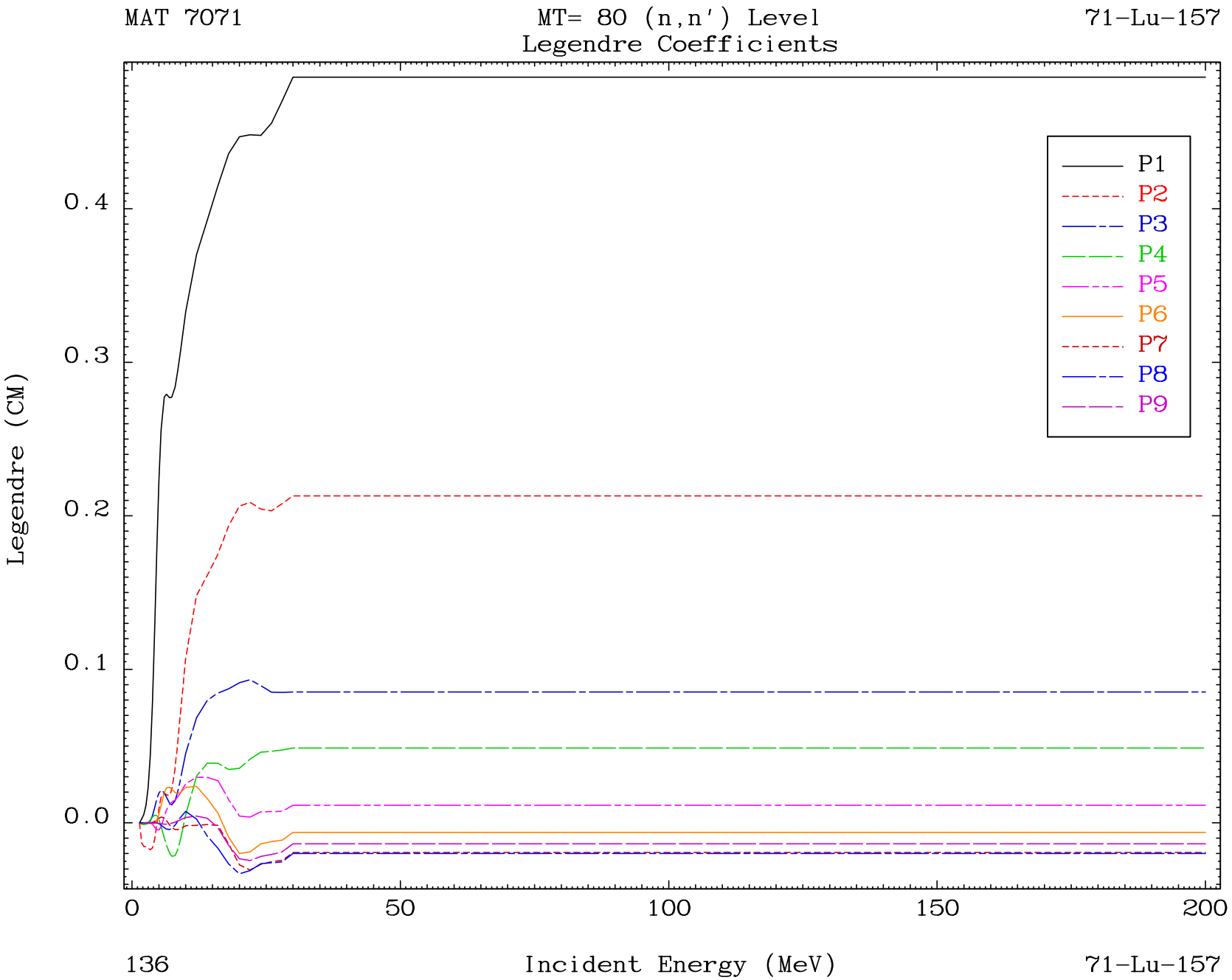

MAT 7071
MT= 78 (n,n') Level
Legendre Coefficients
71-Lu-157
0.0
X10^-5
-0.2
-0.4
-0.6
-0.8
-1.0
Legendre (CM)
50
100
150
200
131
Incident Energy (MeV)
71-Lu-157
P28
P29
P30
P31
P32
P33
P34
P35
P36

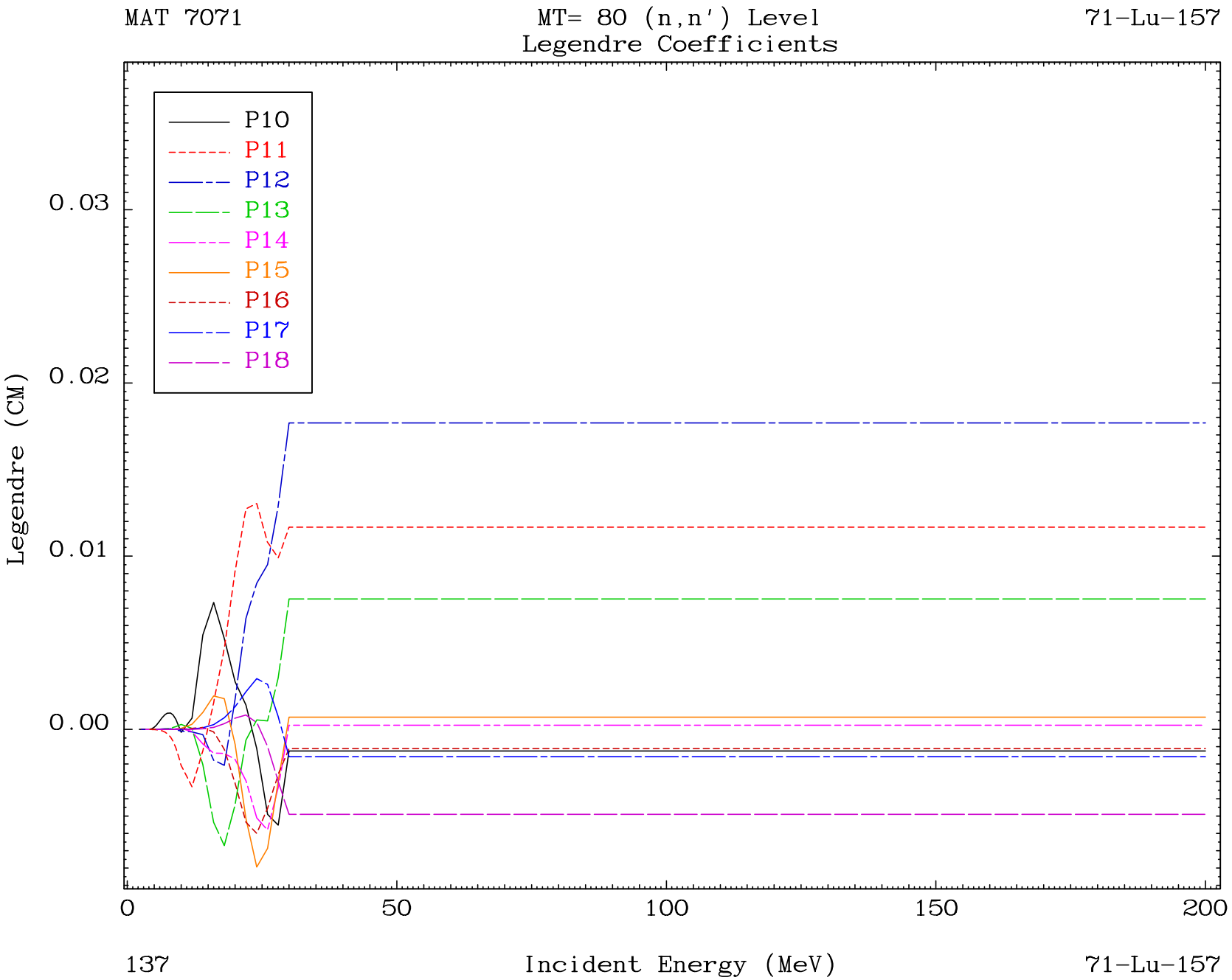

MAT 7071
MT= 79 (n,n') Level
Legendre Coefficients
71-Lu-157
0.3
0.2
0.1
0.0
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
0
50
100
150
200
132
Incident Energy (MeV)
71-Lu-157

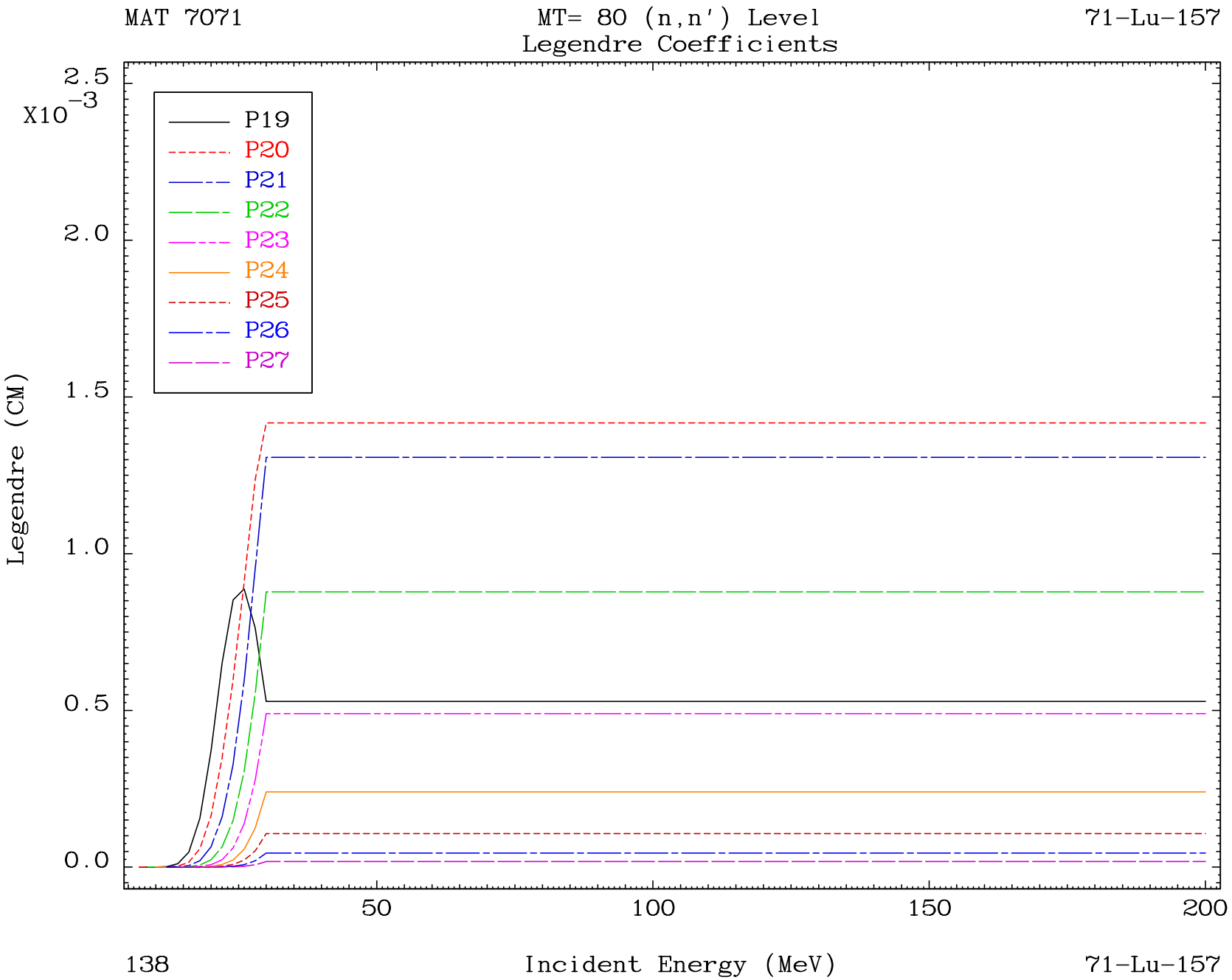

MAT 7071
MT= 79 (n,n') Level
Legendre Coefficients
71-Lu-157
P10
P11
P12
P13
P14
P15
P16
P17
P18
0.06
0.04
0.02
0.00
-0.02
-0.04
-0.06
Legendre (CM)
0
50
100
150
200
133
Incident Energy (MeV)
71-Lu-157

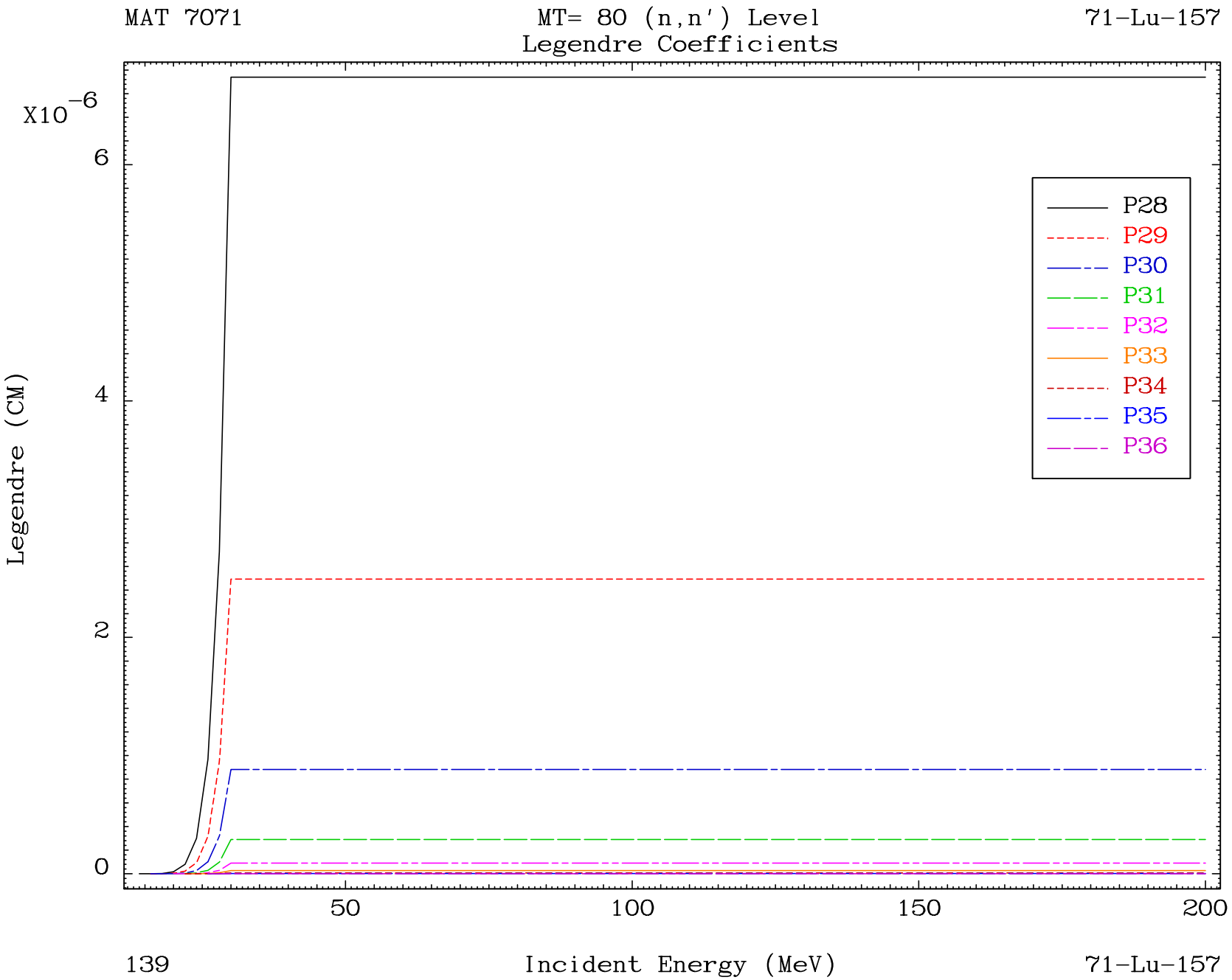

MAT 7071
MT= 79 (n,n') Level
Legendre Coefficients
71-Lu-157
P19
P20
P21
P22
P23
P24
P25
P26
P27
0.01
0.00
-0.01
-0.02
Legendre (CM)
50
100
150
200
134
Incident Energy (MeV)
71-Lu-157

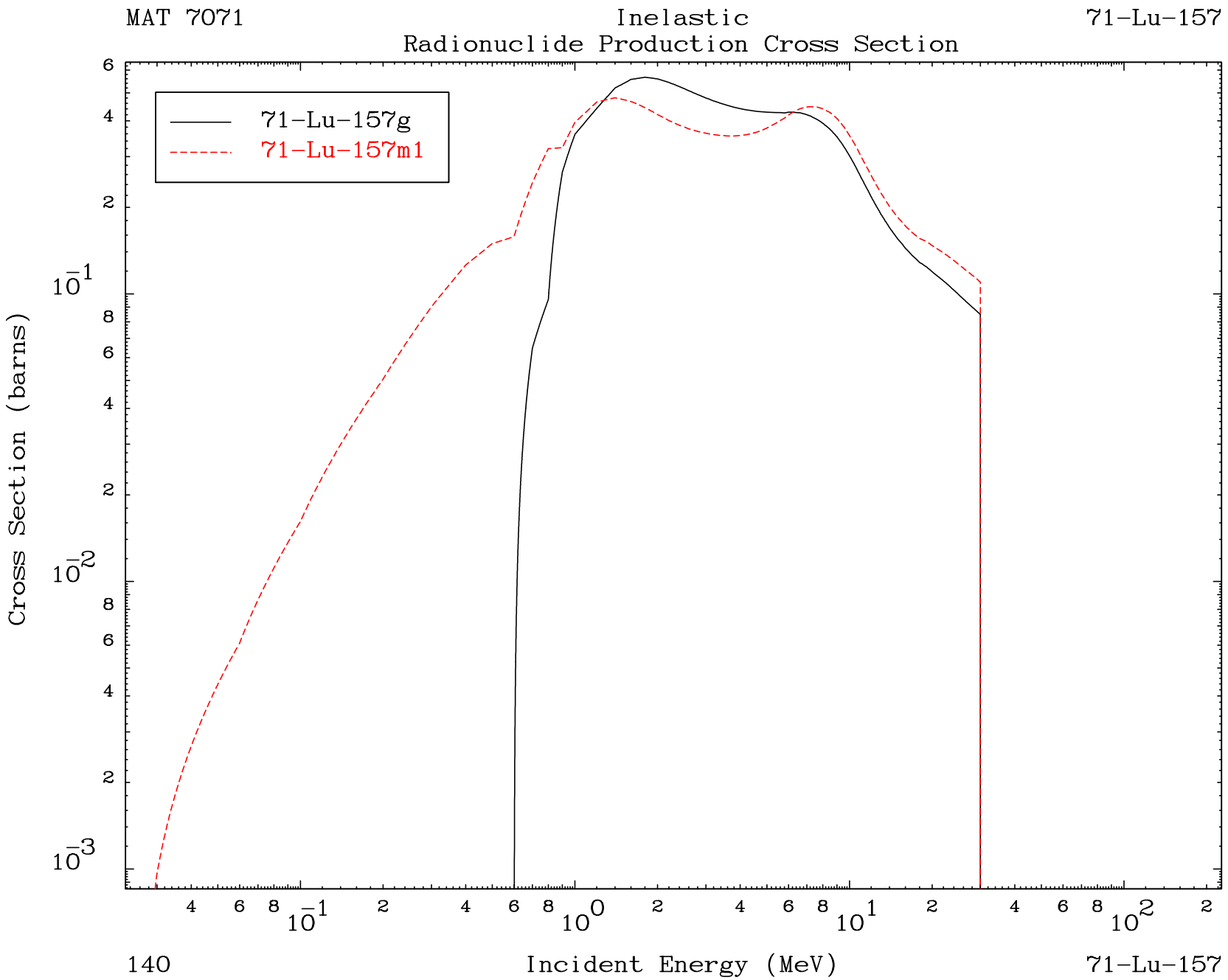

MAT 7071
MT= 79 (n,n') Level
Legendre Coefficients
71-Lu-157
0.0
X10^-5
-0.5
-1.0
-1.5
-2.0
Legendre (CM)
50
100
150
200
135
Incident Energy (MeV)
71-Lu-157
P28
P29
P30
P31
P32
P33
P34
P35
P36

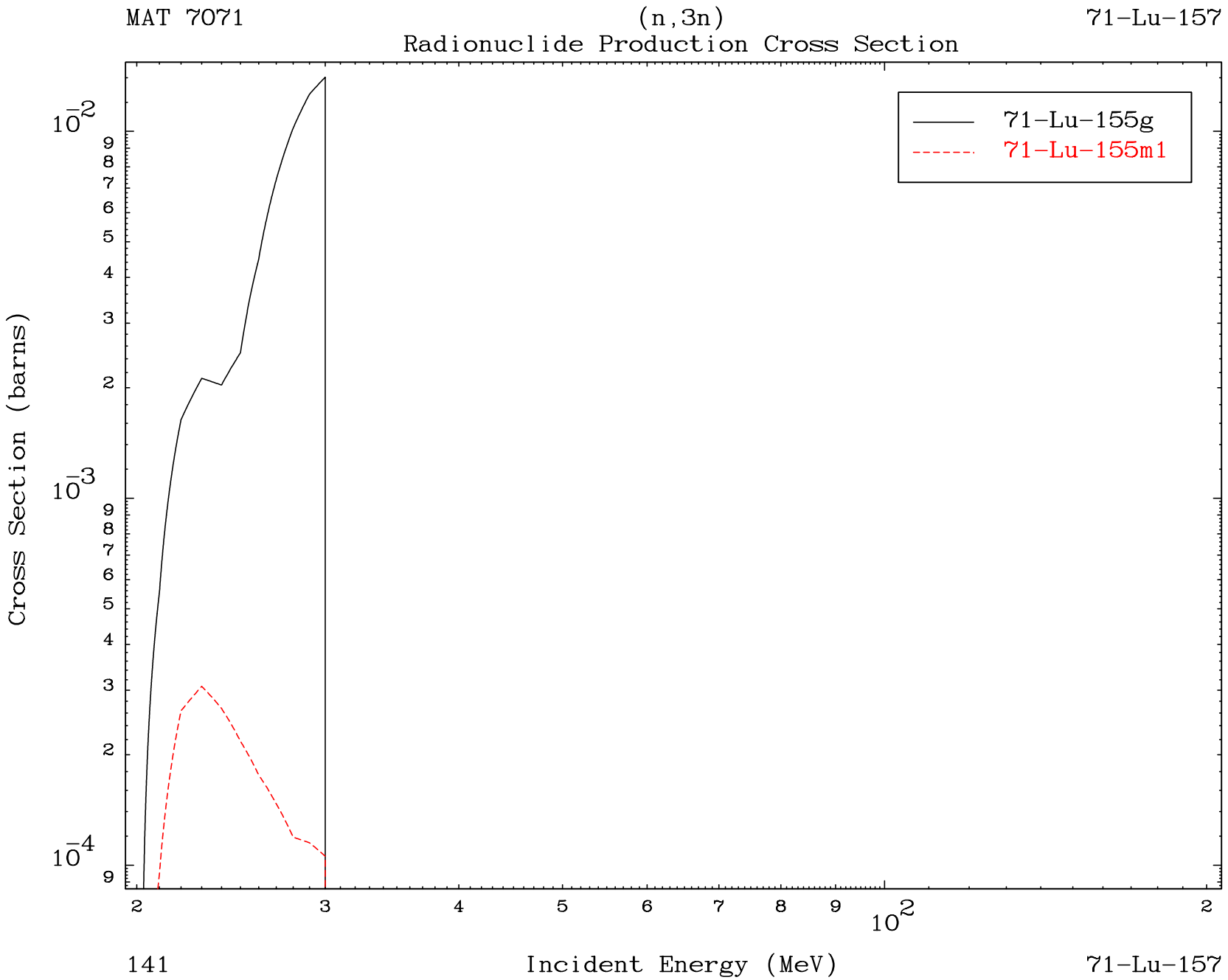

MAT 7071
MT= 80 (n,n') Level
Legendre Coefficients
71-Lu-157
Legendre (CM)
0.4
0.3
0.2
0.1
0.0
0
50
100
150
200
136
Incident Energy (MeV)
71-Lu-157
P1
P2
P3
P4
P5
P6
P7
P8
P9

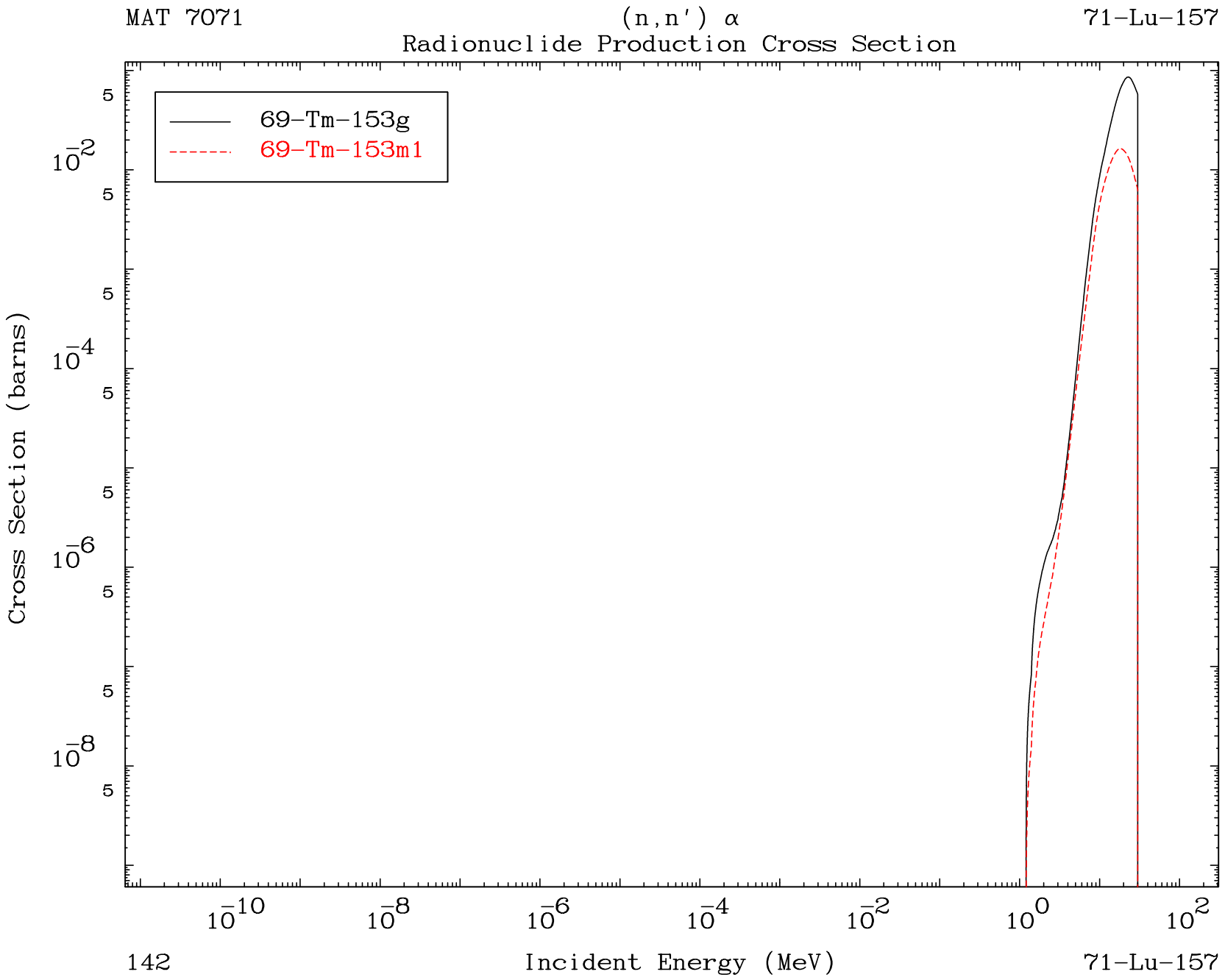

MAT 7071
MT= 80 (n,n') Level
Legendre Coefficients
71-Lu-157
P10
P11
P12
P13
P14
P15
P16
P17
P18
0.03
0.02
0.01
0.00
Legendre (CM)
0
50
100
150
200
137
Incident Energy (MeV)
71-Lu-157

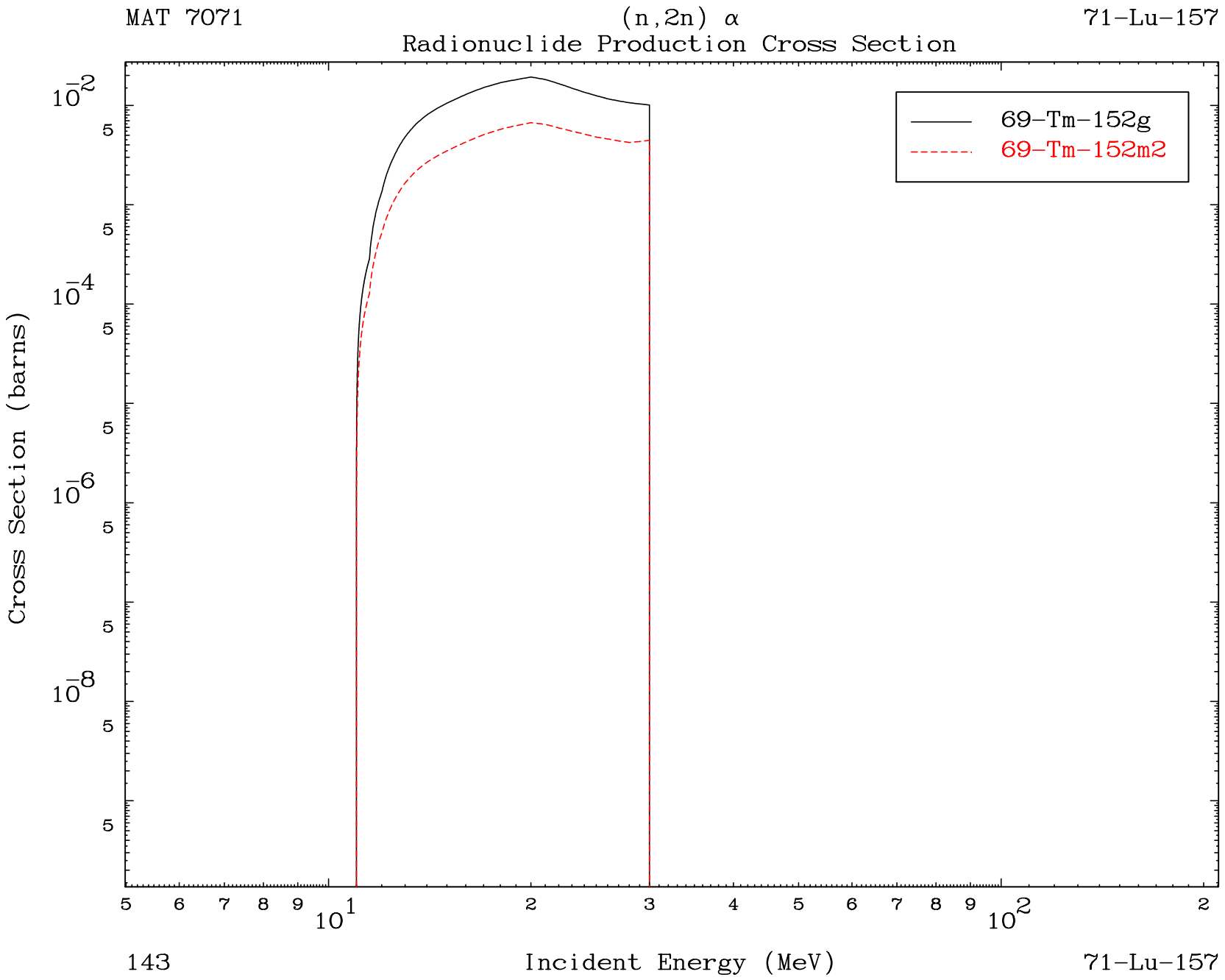

MAT 7071
MT= 80 (n,n') Level
Legendre Coefficients
71-Lu-157
X10 -3
2.5
2.0
1.5
1.0
0.5
0.0
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
P27
50
100
150
200
138
Incident Energy (MeV)
71-Lu-157

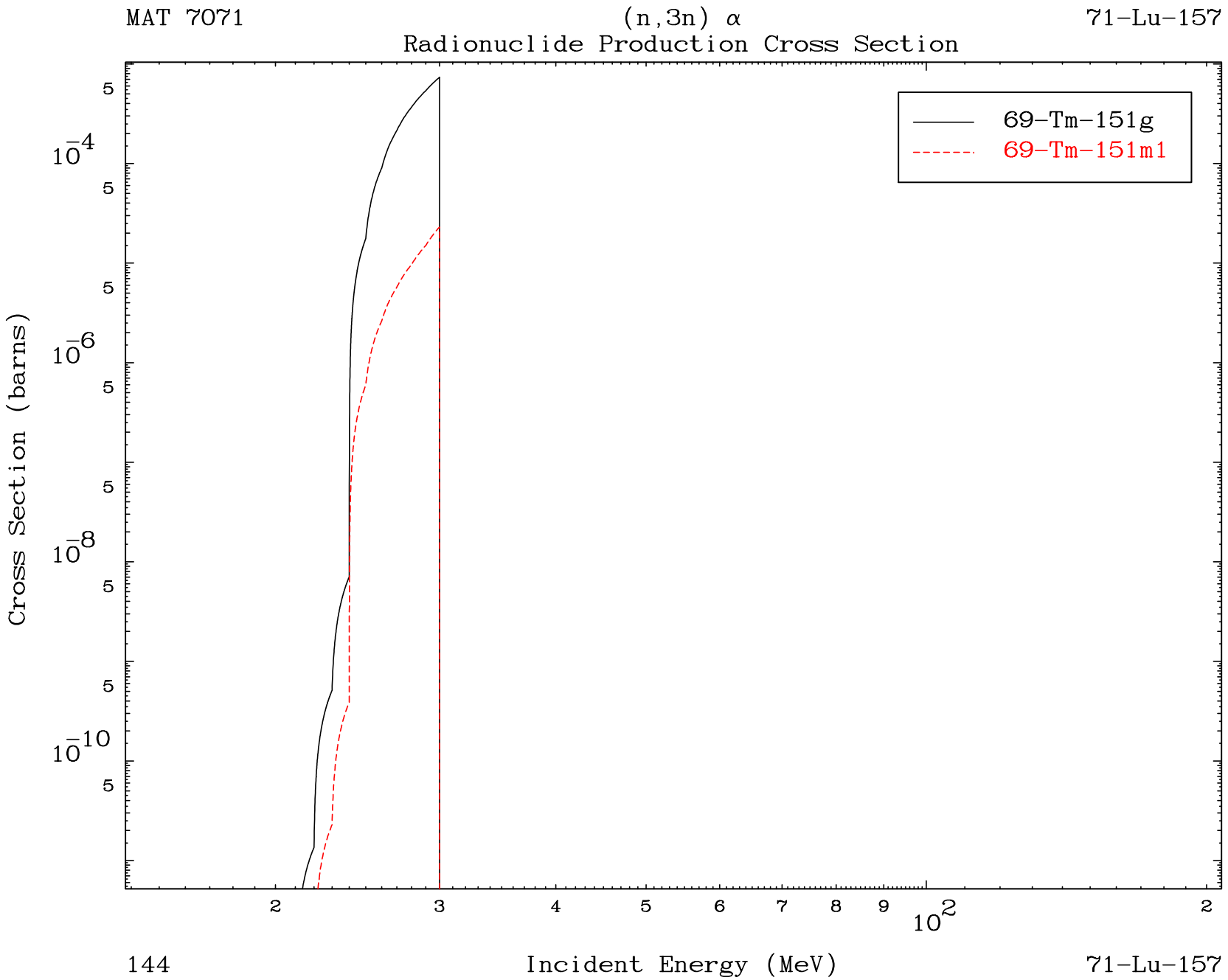

MAT 7071
MT= 80 (n,n') Level
Legendre Coefficients
71-Lu-157
X10^-6
6
4
2
0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
P35
P36
50
100
150
200
139
Incident Energy (MeV)
71-Lu-157

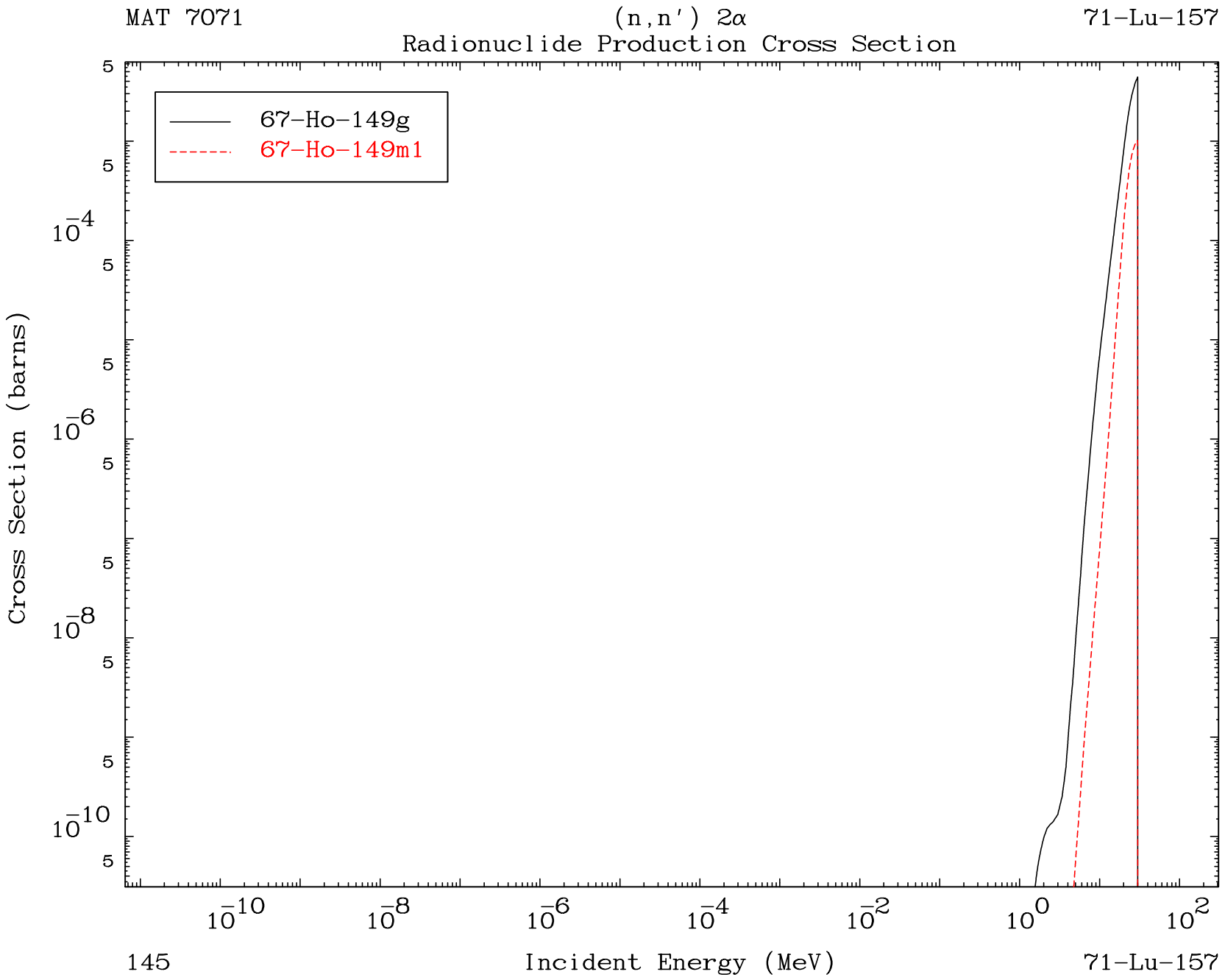

MAT 7071
Inelastic
71-Lu-157
Radionuclide Production Cross Section
71-Lu-157g
71-Lu-157m1
Cross Section (barns)
Incident Energy (MeV)
140
71-Lu-157

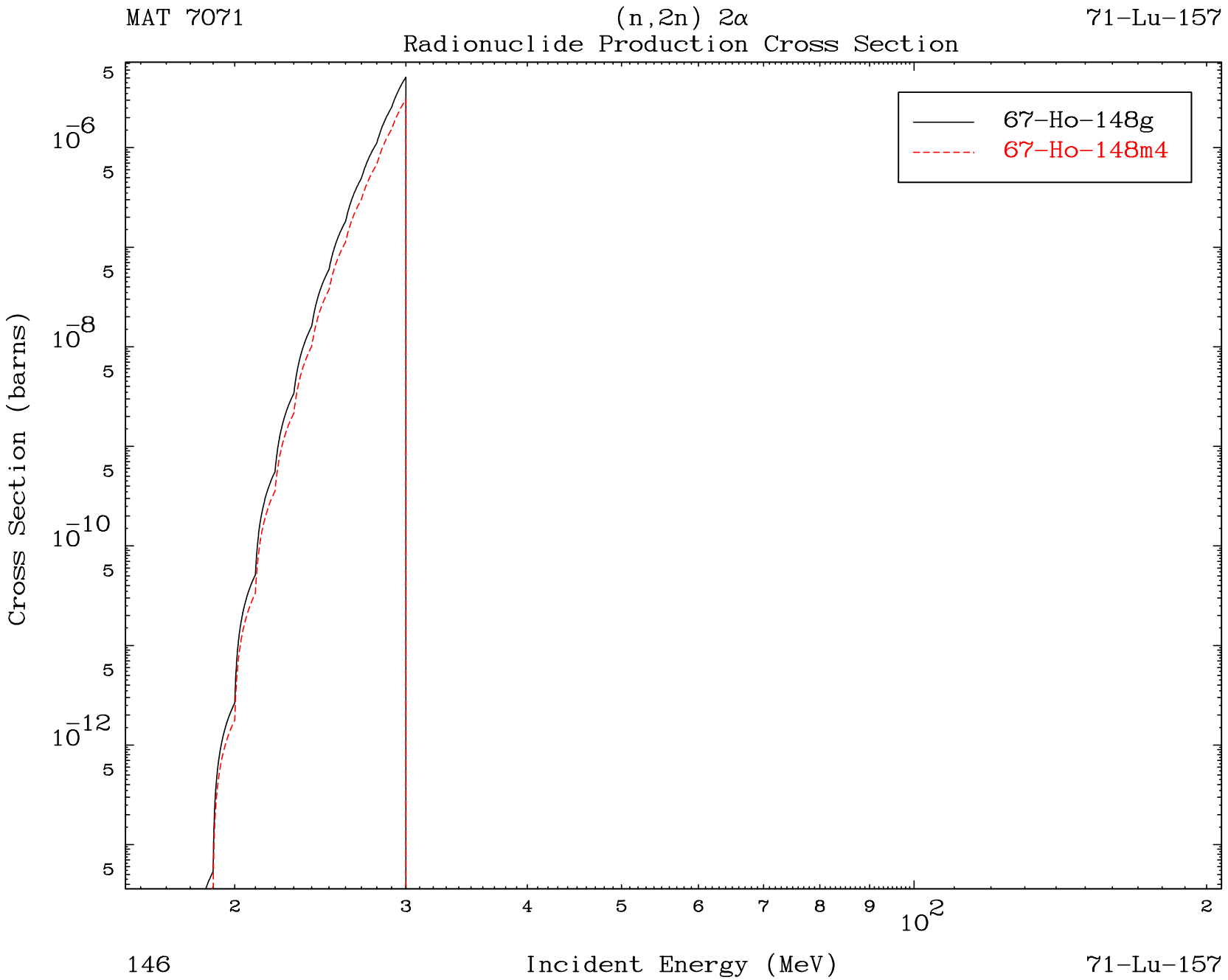

MAT 7071
(n,3n)
71-Lu-157
Radionuclide Production Cross Section
71-Lu-155g
71-Lu-155m1
Cross Section (barns)
Incident Energy (MeV)
141
71-Lu-157

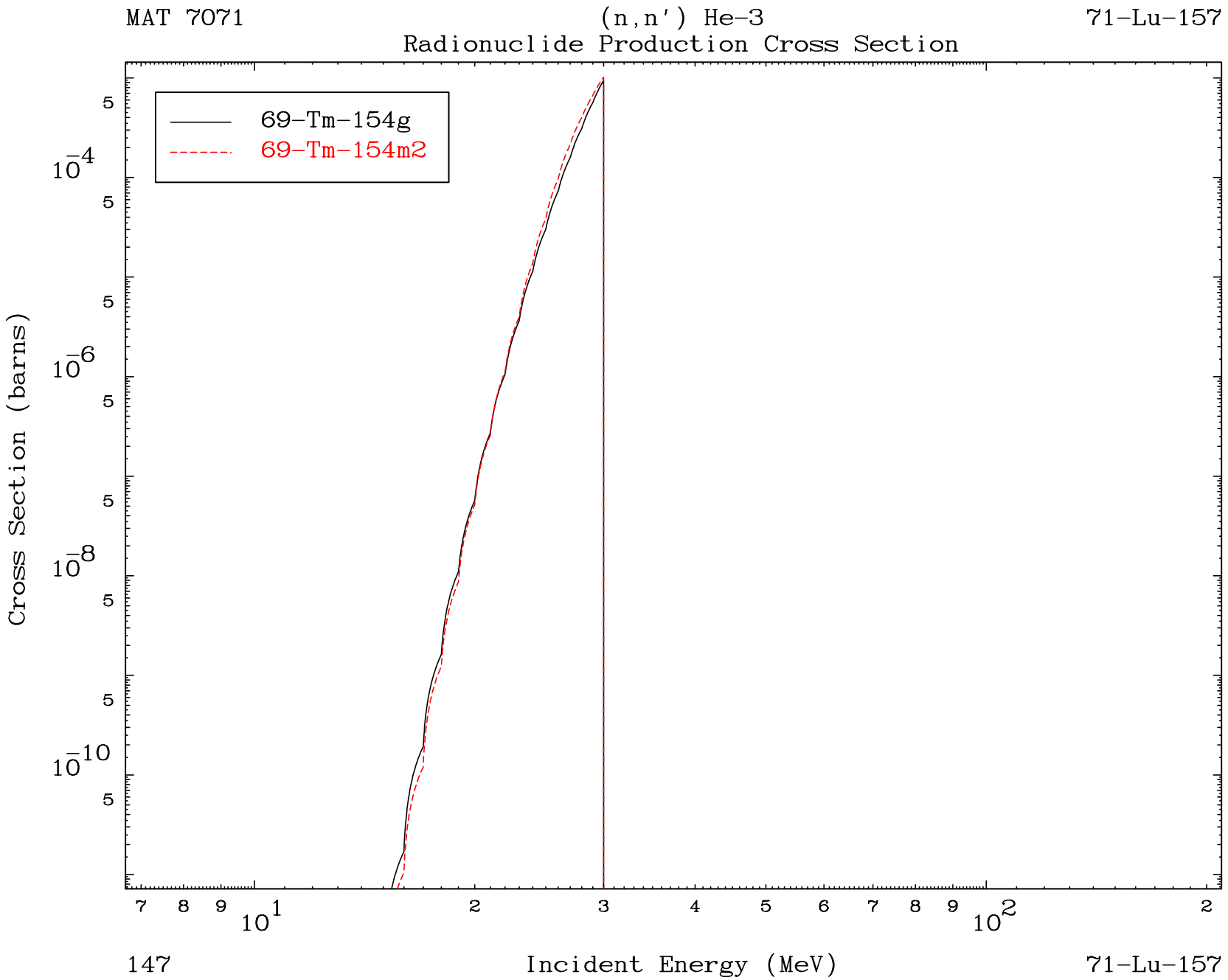

MAT 7071
(n,n') α
71-Lu-157
Radionuclide Production Cross Section
69-Tm-153g
69-Tm-153m1
Cross Section (barns)
Incident Energy (MeV)
142
71-Lu-157

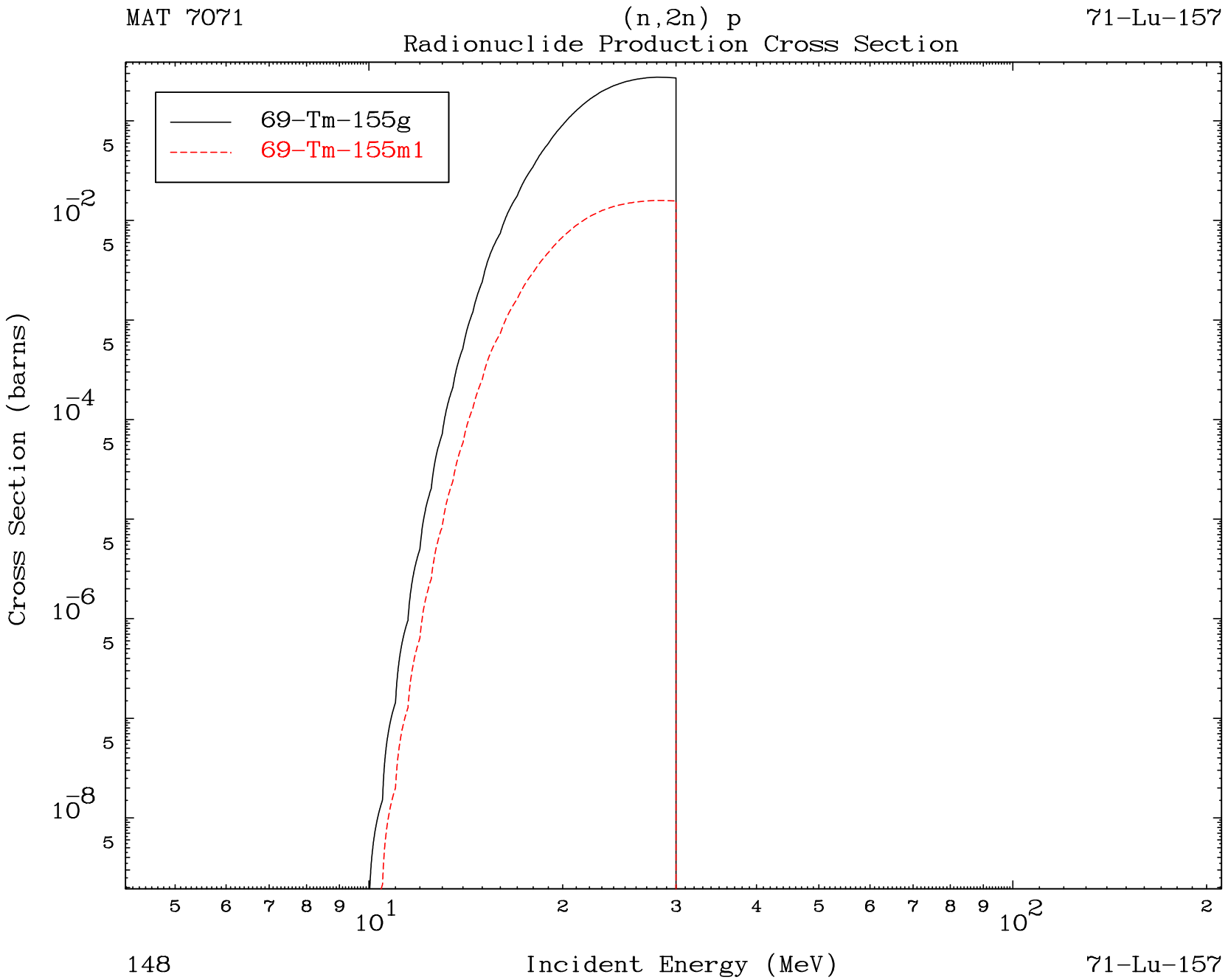

MAT 7071
(n,2n) α
71-Lu-157
Radionuclide Production Cross Section
69-Tm-152g
69-Tm-152m2
Cross Section (barns)
Incident Energy (MeV)
143
71-Lu-157

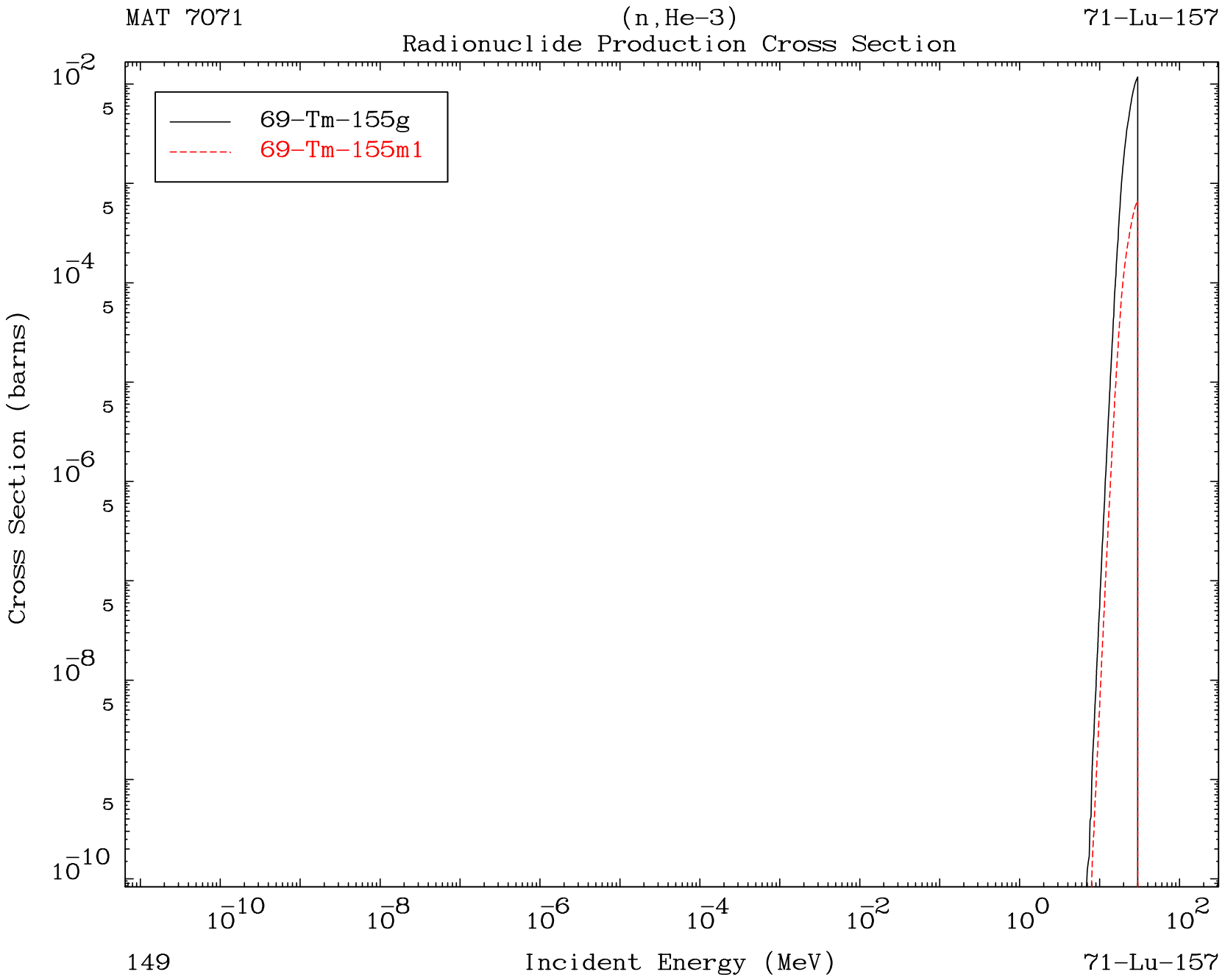

MAT 7071
(n,3n) α
71-Lu-157
Radionuclide Production Cross Section
69-Tm-151g
69-Tm-151m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
144
Incident Energy (MeV)
71-Lu-157

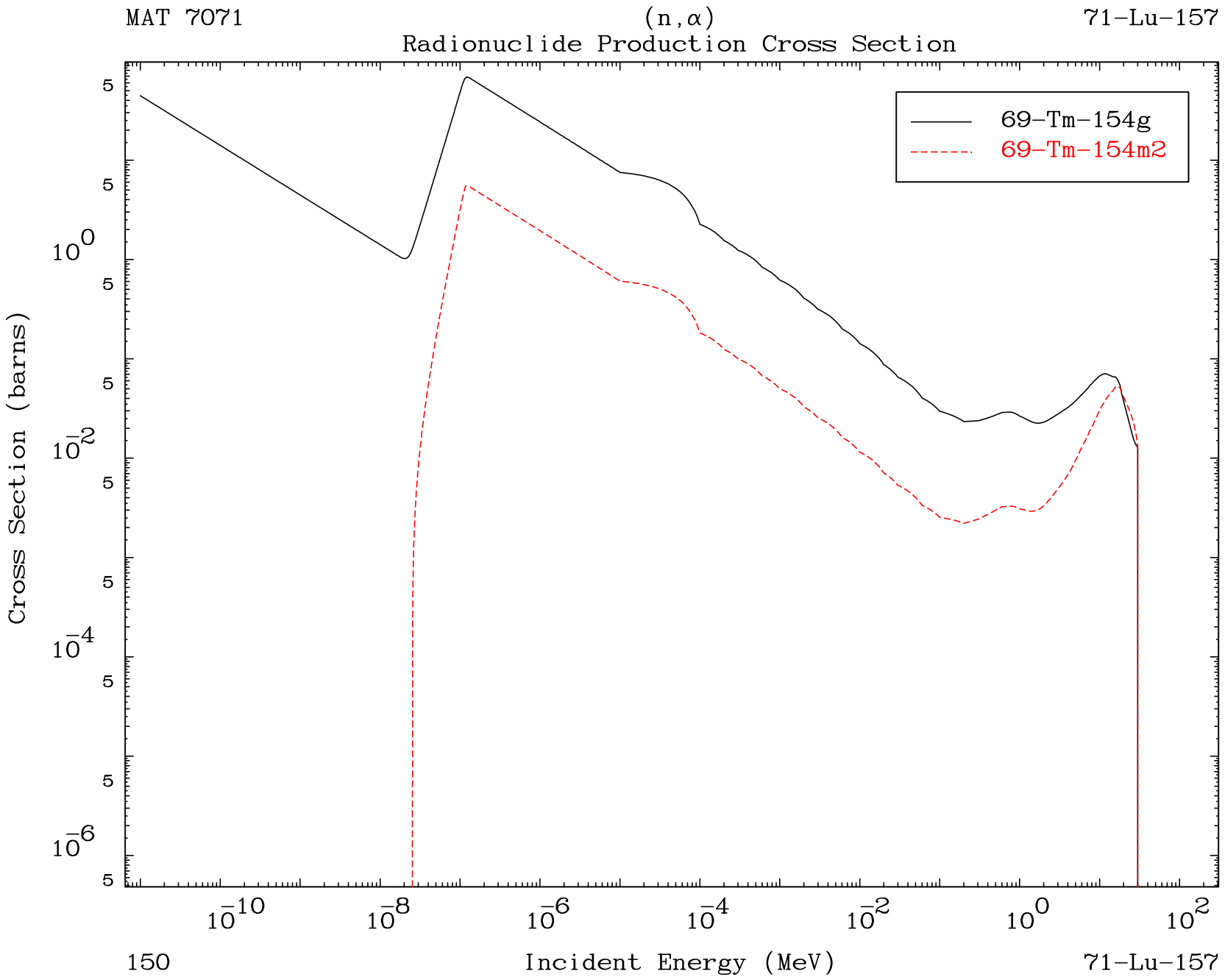

MAT 7071
(n,n') 2α
71-Lu-157
Radionuclide Production Cross Section
67-Ho-149g
67-Ho-149m1
Cross Section (barns)
Incident Energy (MeV)
145
71-Lu-157

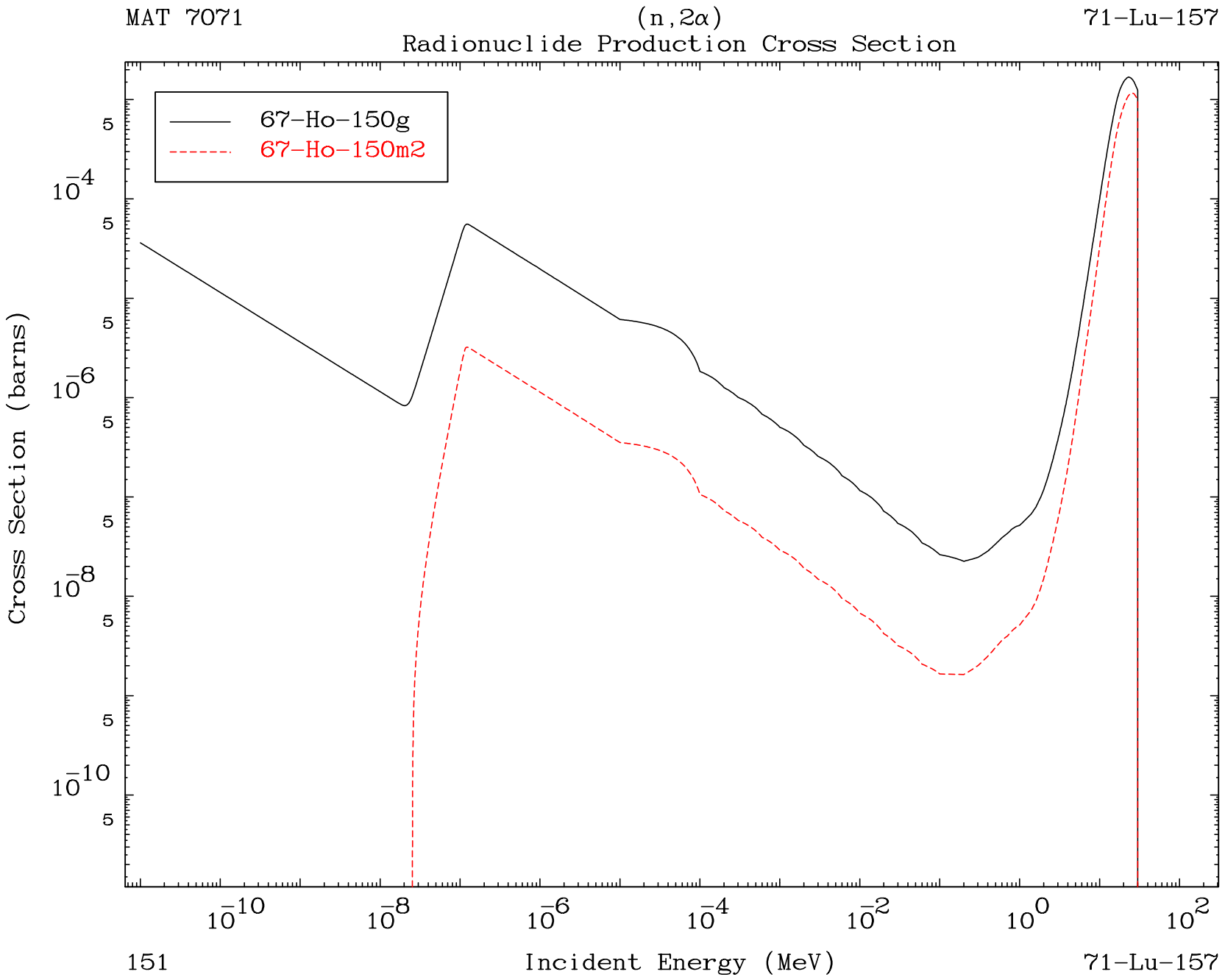

MAT 7071
(n,2n) 2α
71-Lu-157
Radionuclide Production Cross Section
67-Ho-148g
67-Ho-148m4
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
6
7
8
9
10 2
Incident Energy (MeV)
146
71-Lu-157

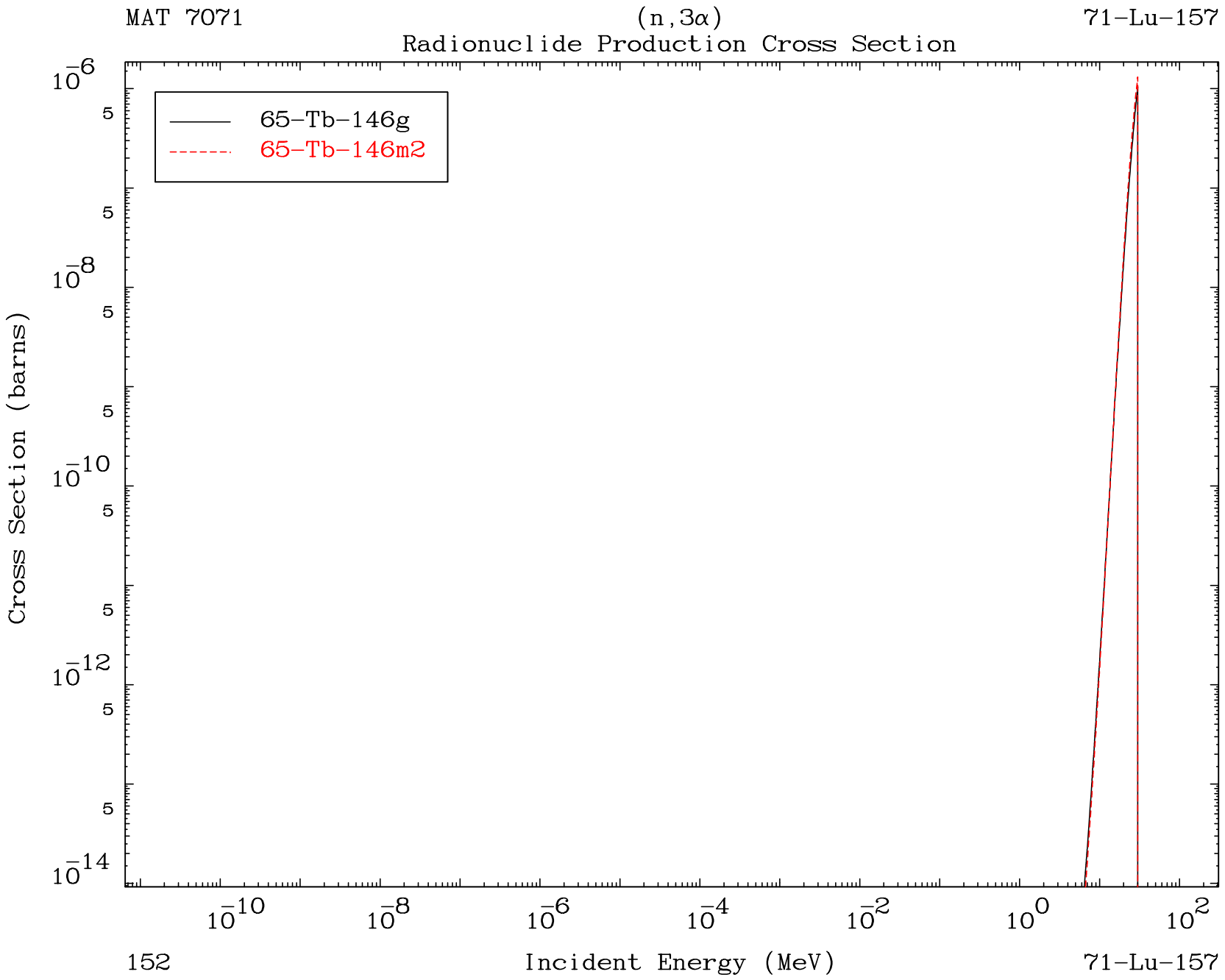

MAT 7071
(n,n') He-3
71-Lu-157
Radionuclide Production Cross Section
69-Tm-154g
69-Tm-154m2
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
147
Incident Energy (MeV)
71-Lu-157

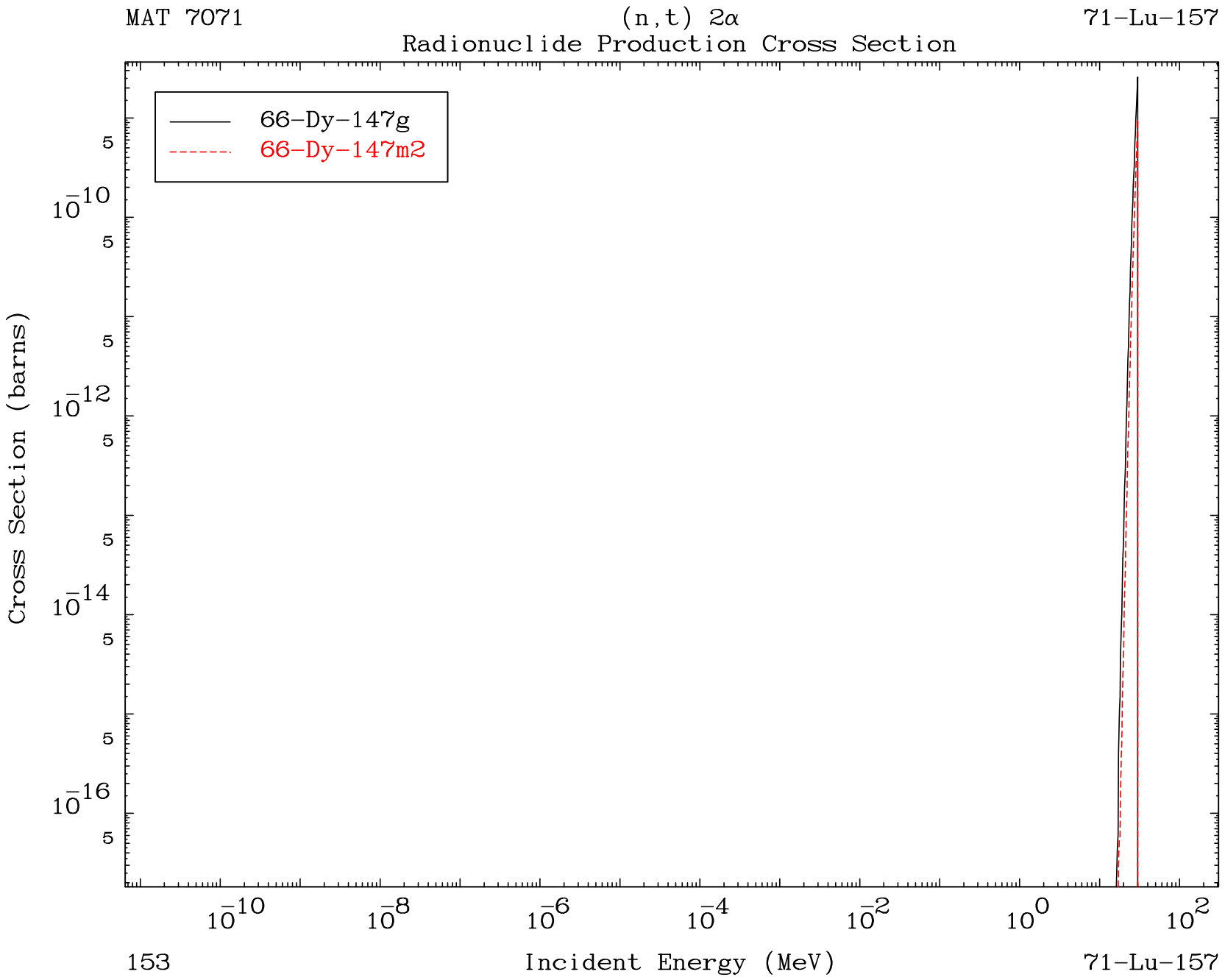

MAT 7071
(n,2n) p
71-Lu-157
Radionuclide Production Cross Section
69-Tm-155g
69-Tm-155m1
Cross Section (barns)
Incident Energy (MeV)
148
71-Lu-157

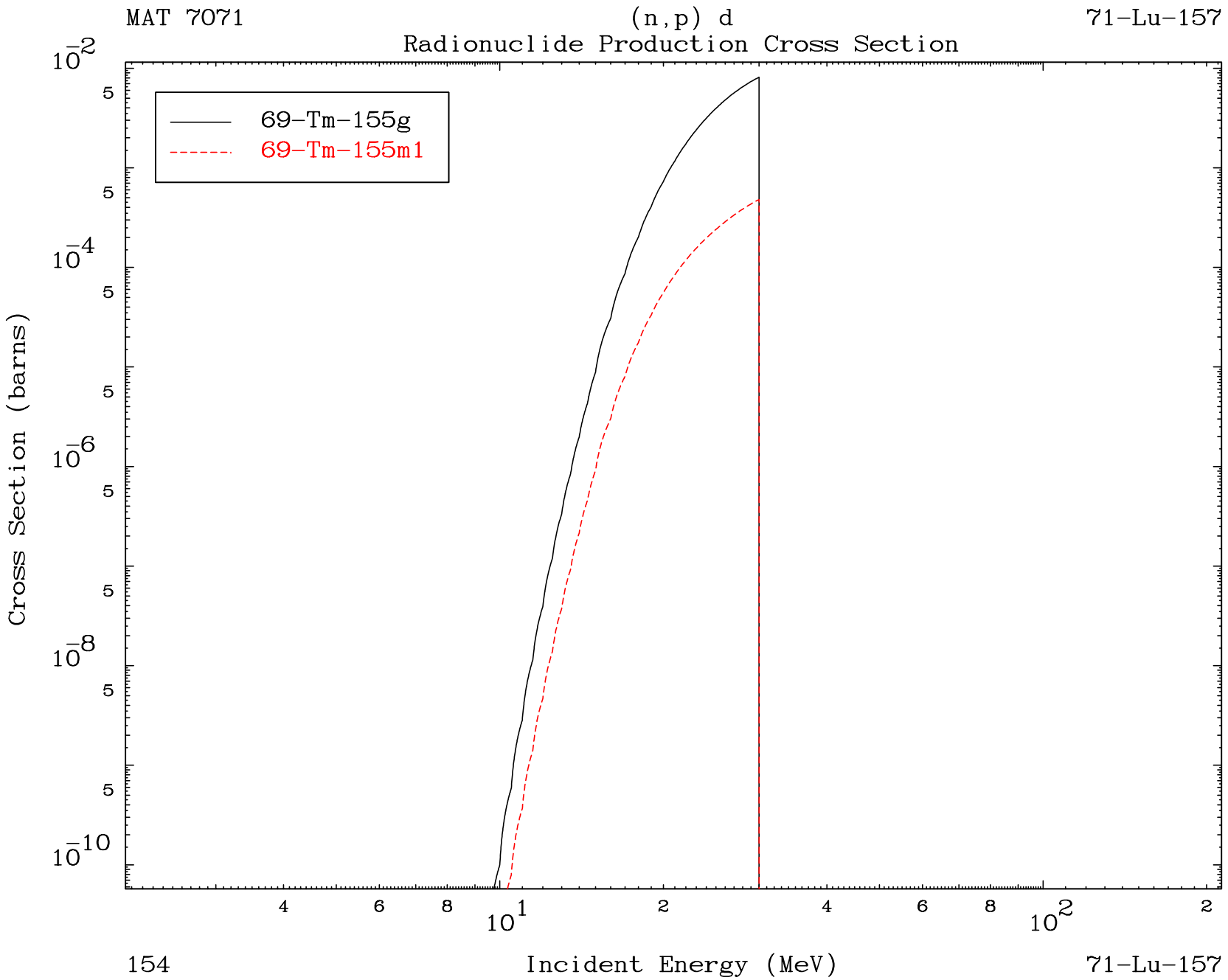

MAT 7071
(n,He-3)
71-Lu-157
Radionuclide Production Cross Section
69-Tm-155g
69-Tm-155m1
Cross Section (barns)
Incident Energy (MeV)
149
71-Lu-157

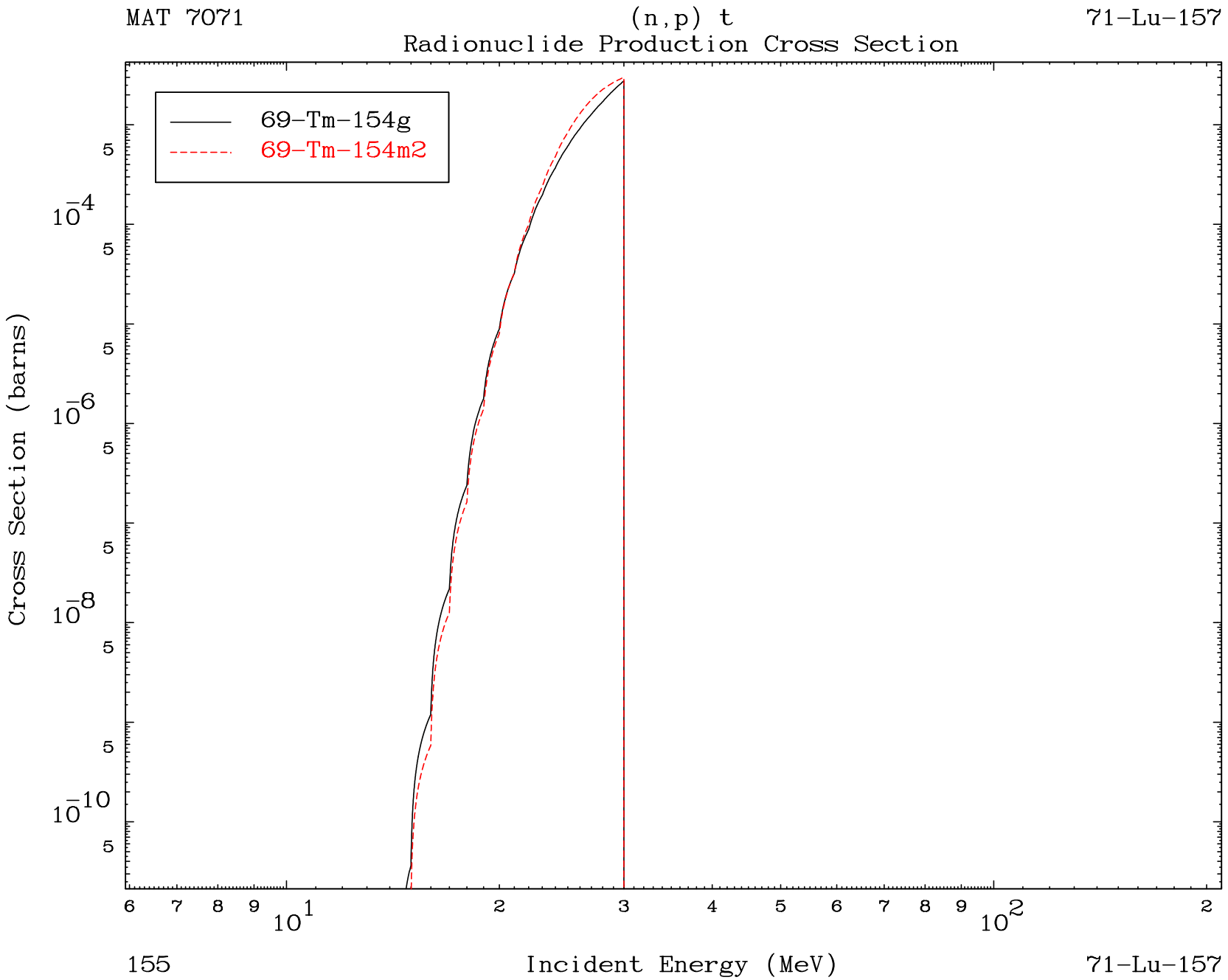

MAT 7071
(n,α)
71-Lu-157
Radionuclide Production Cross Section
69-Tm-154g
69-Tm-154m2
Cross Section (barns)
Incident Energy (MeV)
150
71-Lu-157


MAT 7071
(n,2α)
71-Lu-157
Radionuclide Production Cross Section
67-Ho-150g
67-Ho-150m2
Cross Section (barns)
Incident Energy (MeV)
151
71-Lu-157


MAT 7071
(n,3α)
71-Lu-157
Radionuclide Production Cross Section
65-Tb-146g
65-Tb-146m2
Cross Section (barns)
Incident Energy (MeV)
152
71-Lu-157


MAT 7071
(n,t) 2α
71-Lu-157
Radionuclide Production Cross Section
66-Dy-147g
66-Dy-147m2
Cross Section (barns)
10-10
10-12
10-14
10-16
5
10-10
10-8
10-6
10-4
10-2
100
102
153
Incident Energy (MeV)
71-Lu-157


MAT 7071
(n,p) d
71-Lu-157
Radionuclide Production Cross Section
69-Tm-155g
69-Tm-155m1
Cross Section (barns)
Incident Energy (MeV)
154
71-Lu-157


MAT 7071
(n,p) t
71-Lu-157
Radionuclide Production Cross Section
69-Tm-154g
69-Tm-154m2
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
155
Incident Energy (MeV)
71-Lu-157