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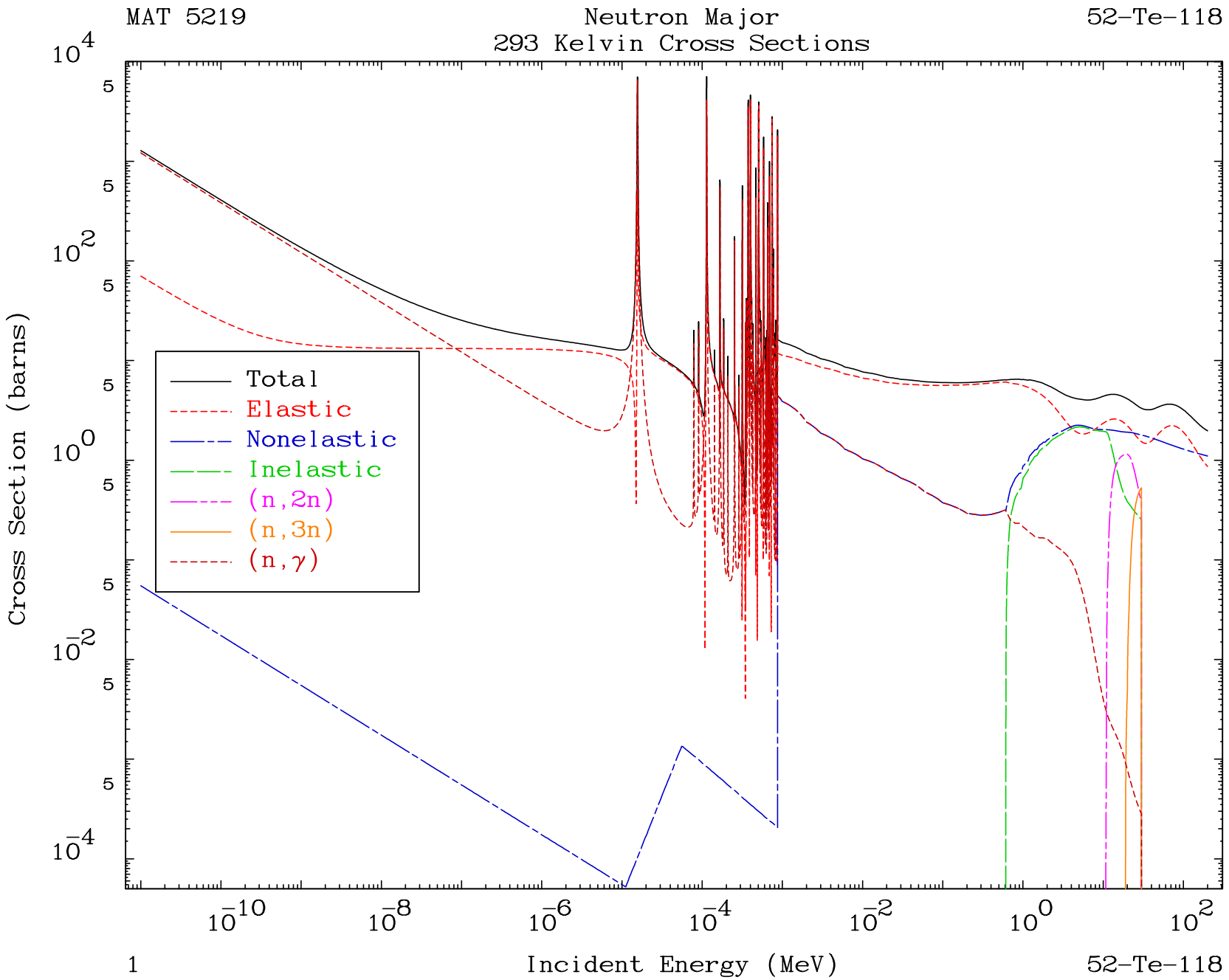
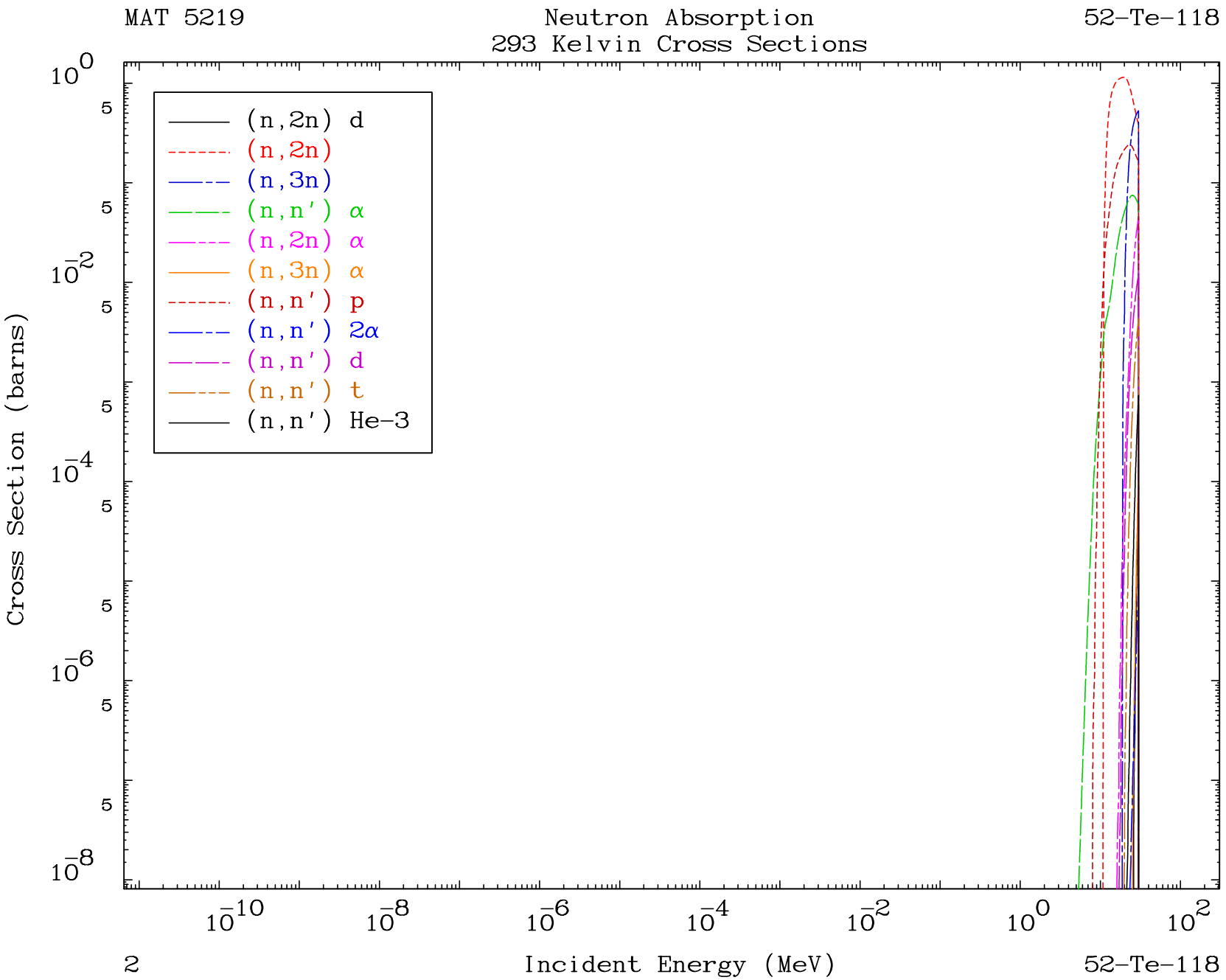
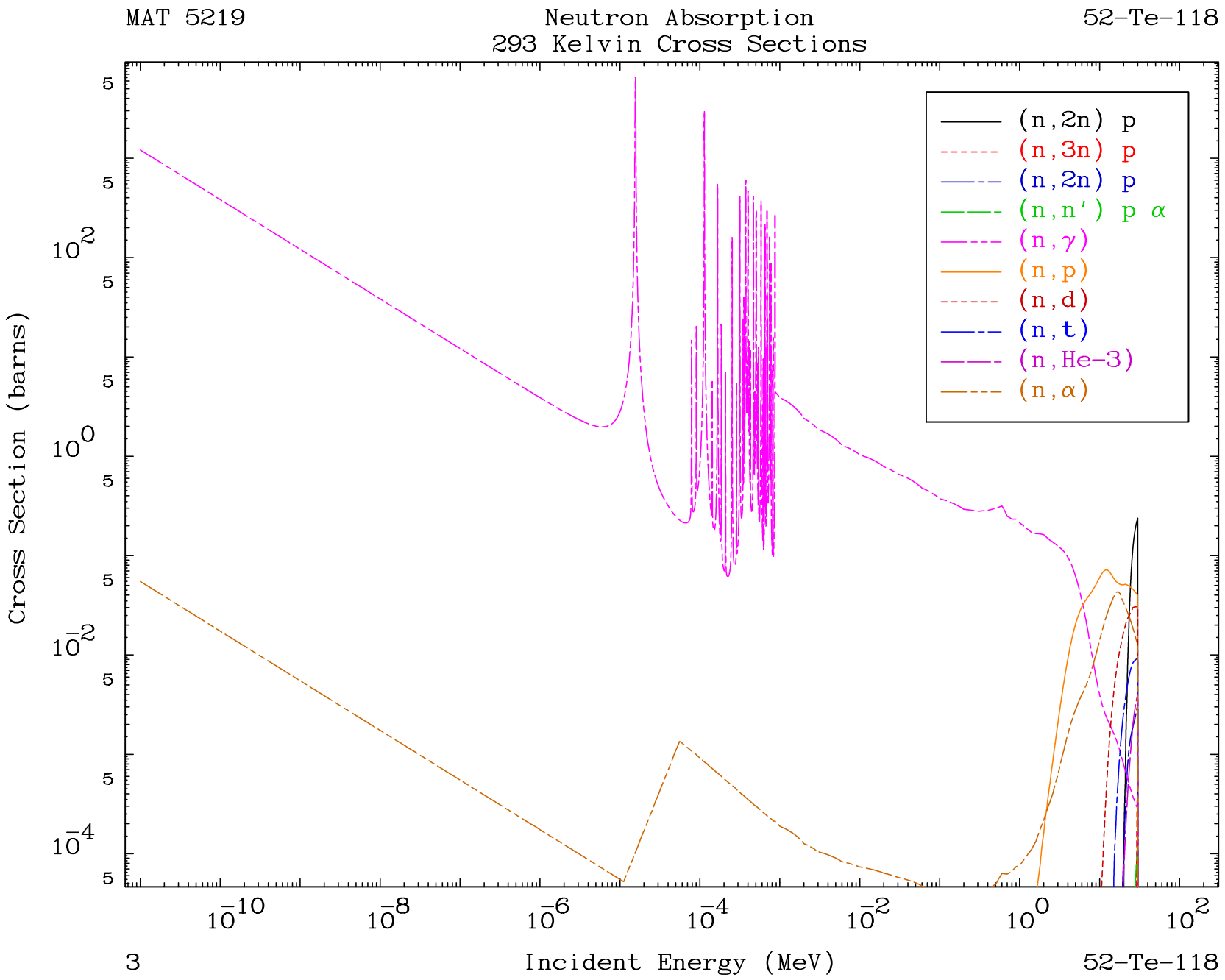
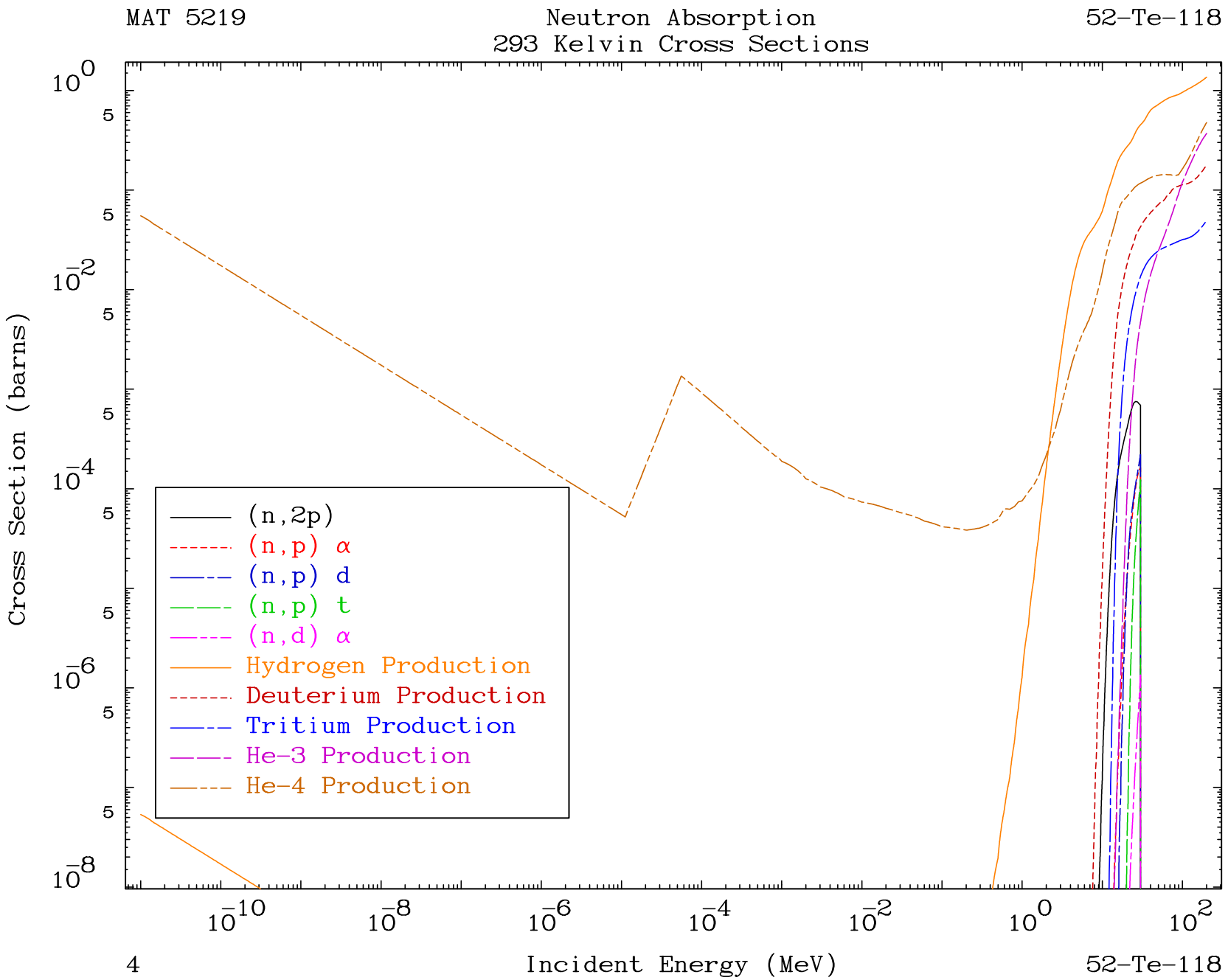
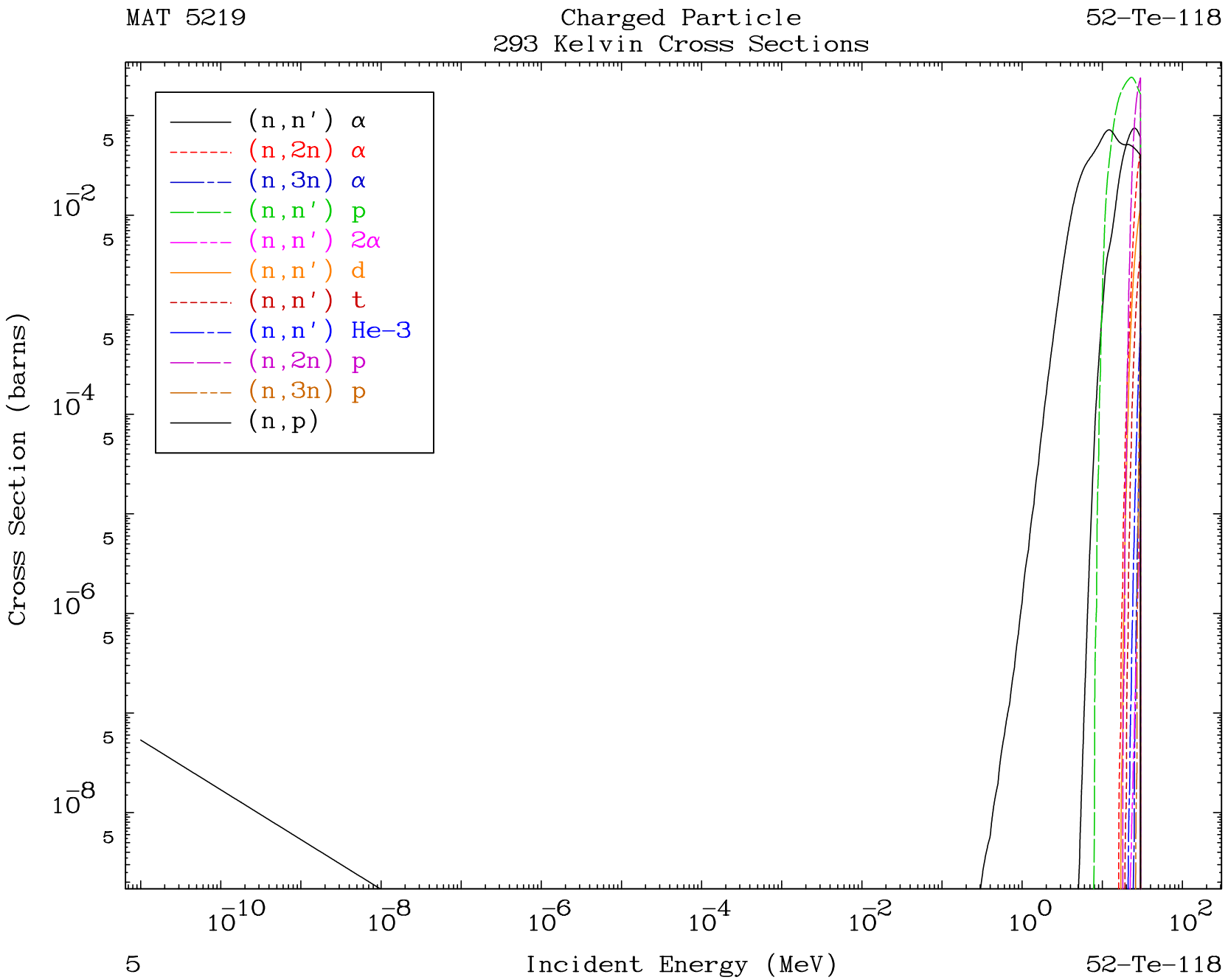
Press Mouse Button to Start

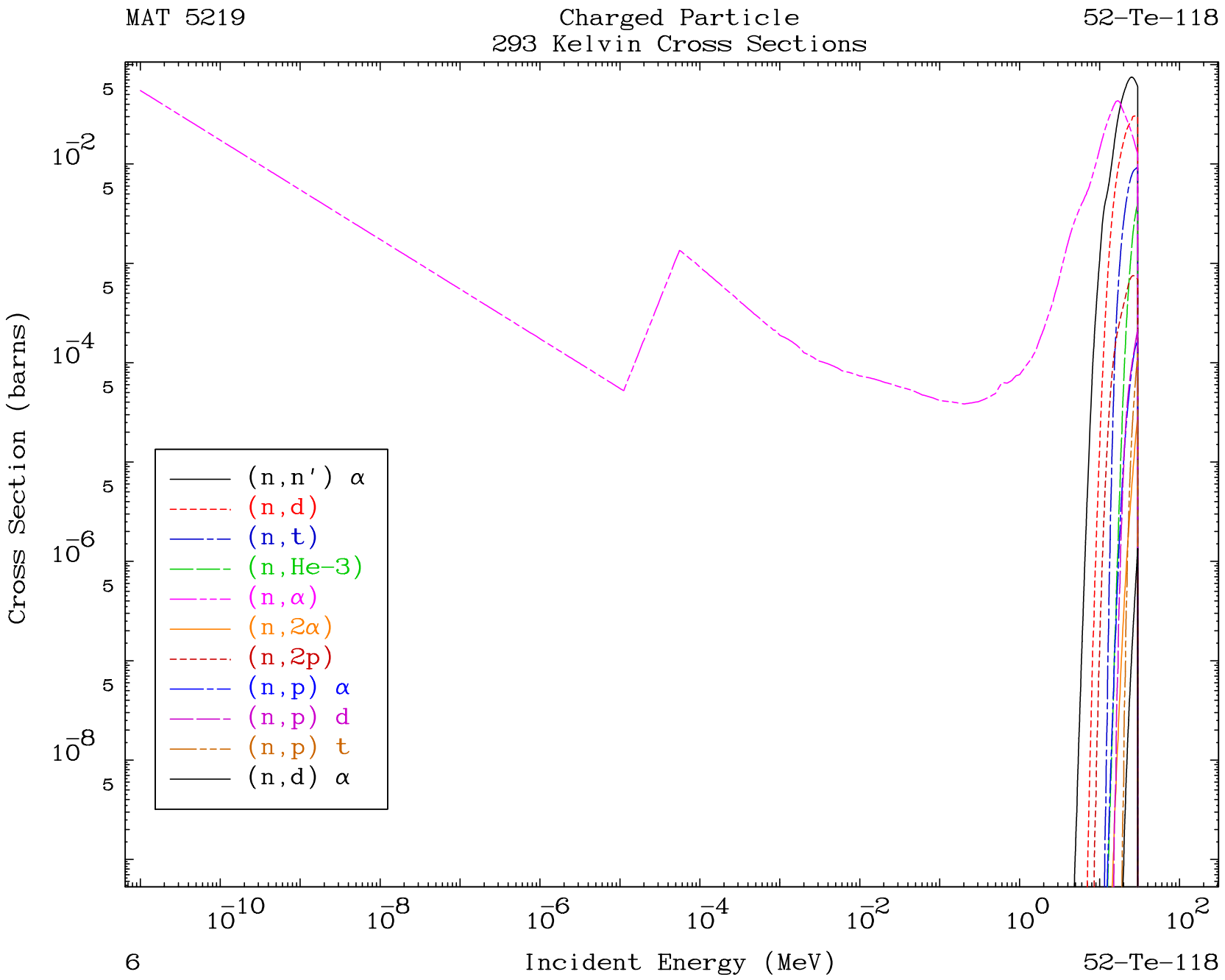

MAT 5219
Neutron Major
293 Kelvin Cross Sections
52-Te-118
Cross Section (barns)
Incident Energy (MeV)
Total
Elastic
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
1
52-Te-118

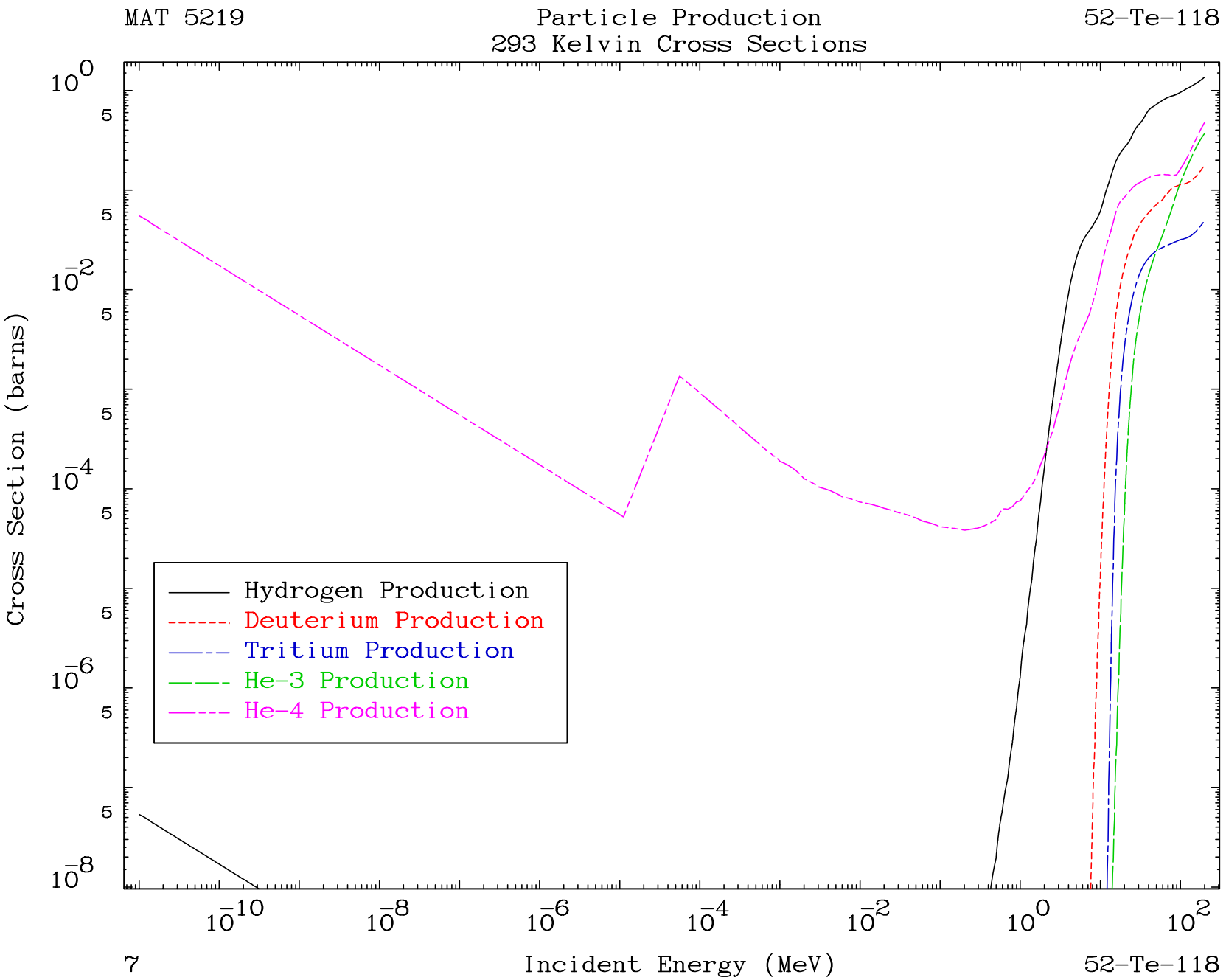

MAT 5219
Neutron Absorption
293 Kelvin Cross Sections
52-Te-118
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
Cross Section (barns)
Incident Energy (MeV)
2
52-Te-118

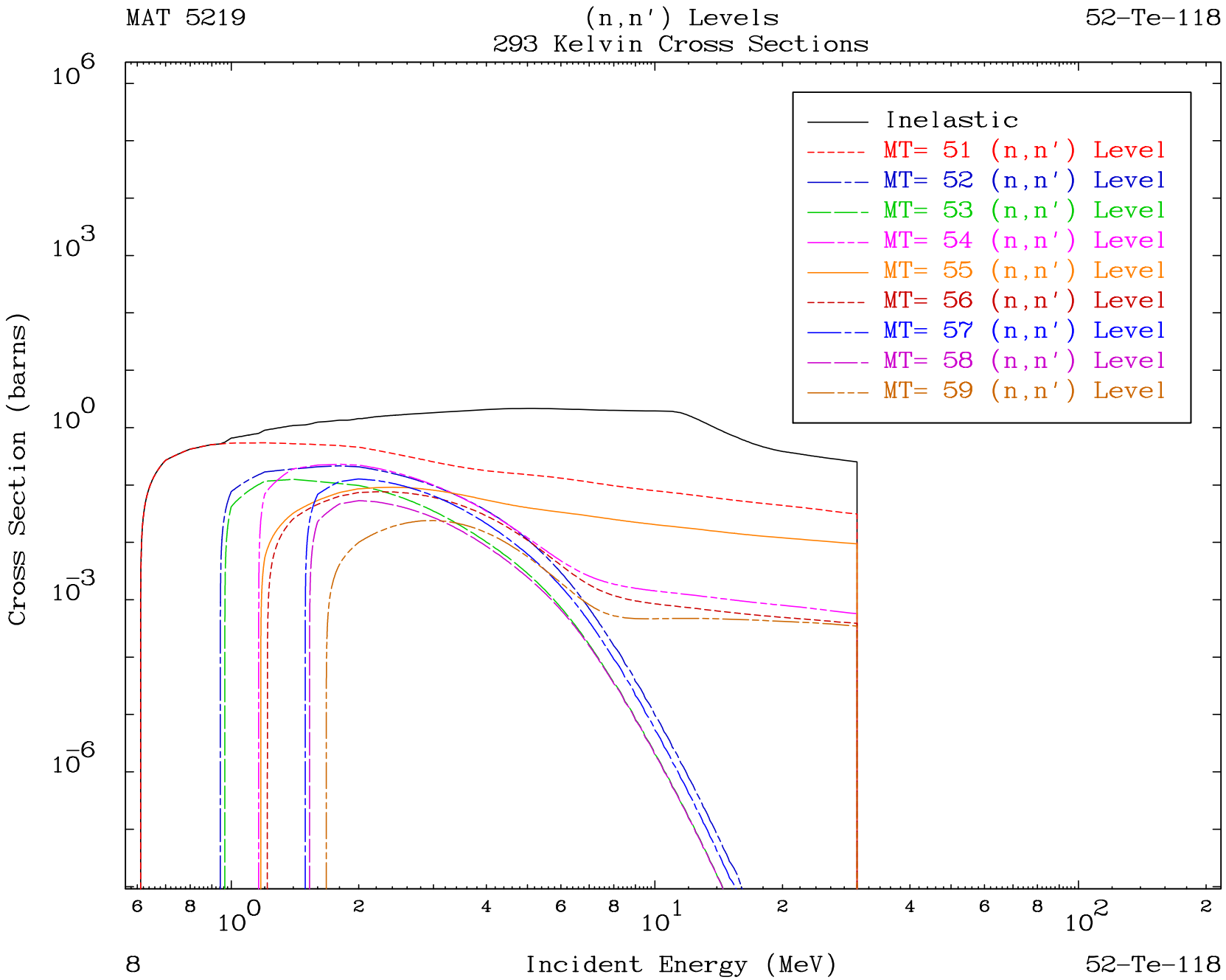

MAT 5219
Neutron Absorption
293 Kelvin Cross Sections
52-Te-118
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
3
52-Te-118

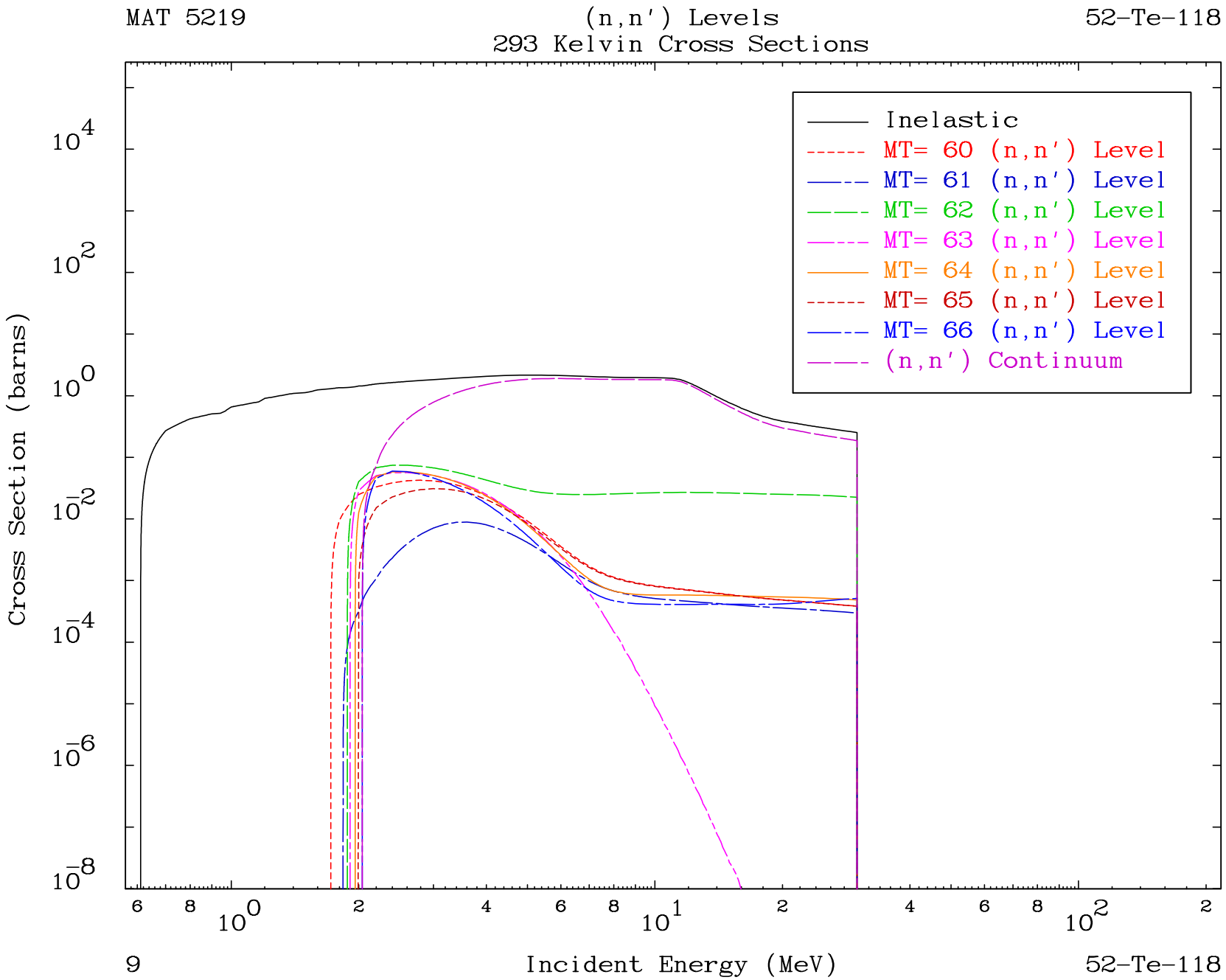

MAT 5219
Neutron Absorption
293 Kelvin Cross Sections
52-Te-118
Cross Section (barns)
Incident Energy (MeV)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Hydrogen Production
Deuterium Production
Tritium Production
He-3 Production
He-4 Production
4
52-Te-118

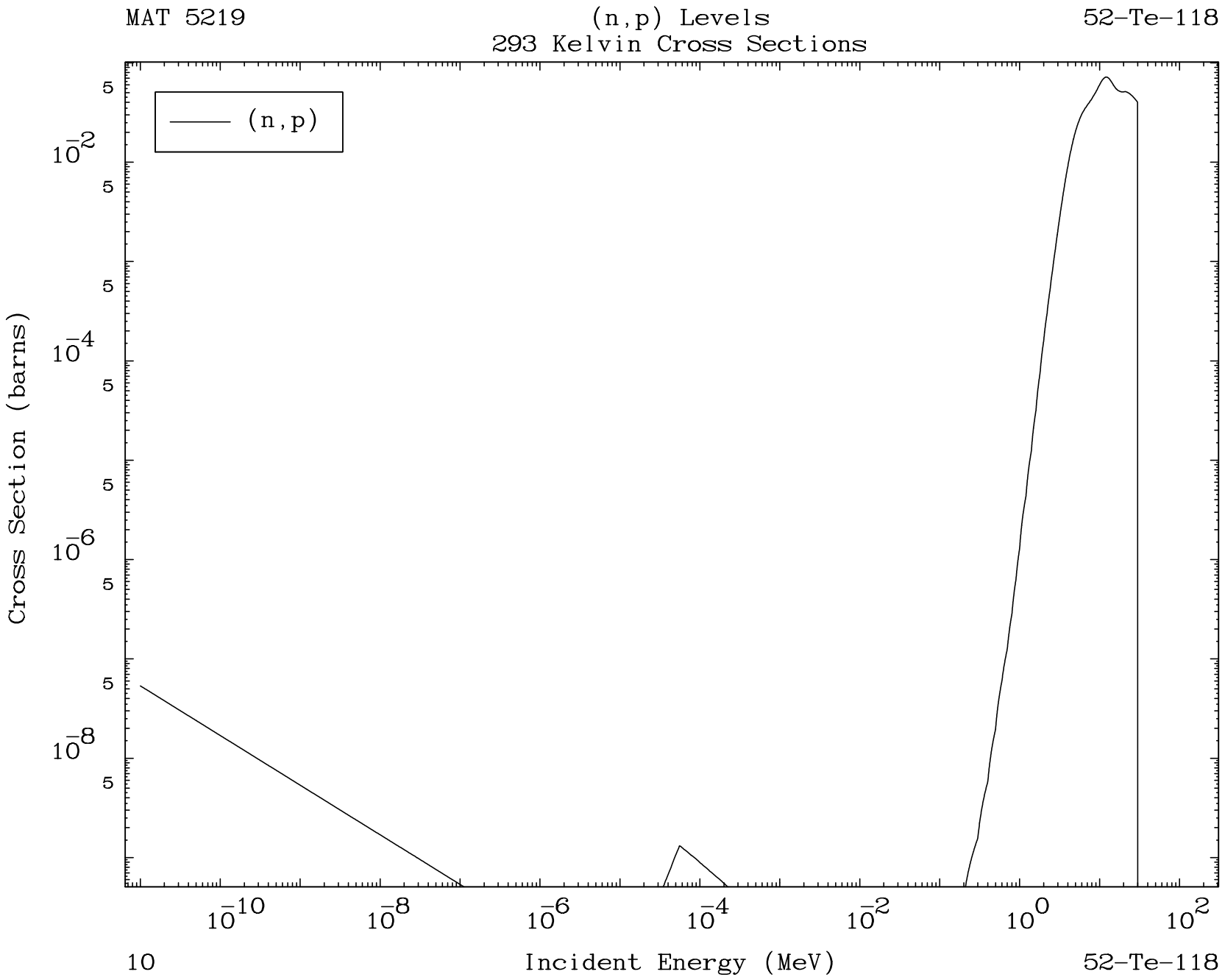

MAT 5219
Charged Particle
293 Kelvin Cross Sections
52-Te-118
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
Cross Section (barns)
Incident Energy (MeV)
52-Te-118

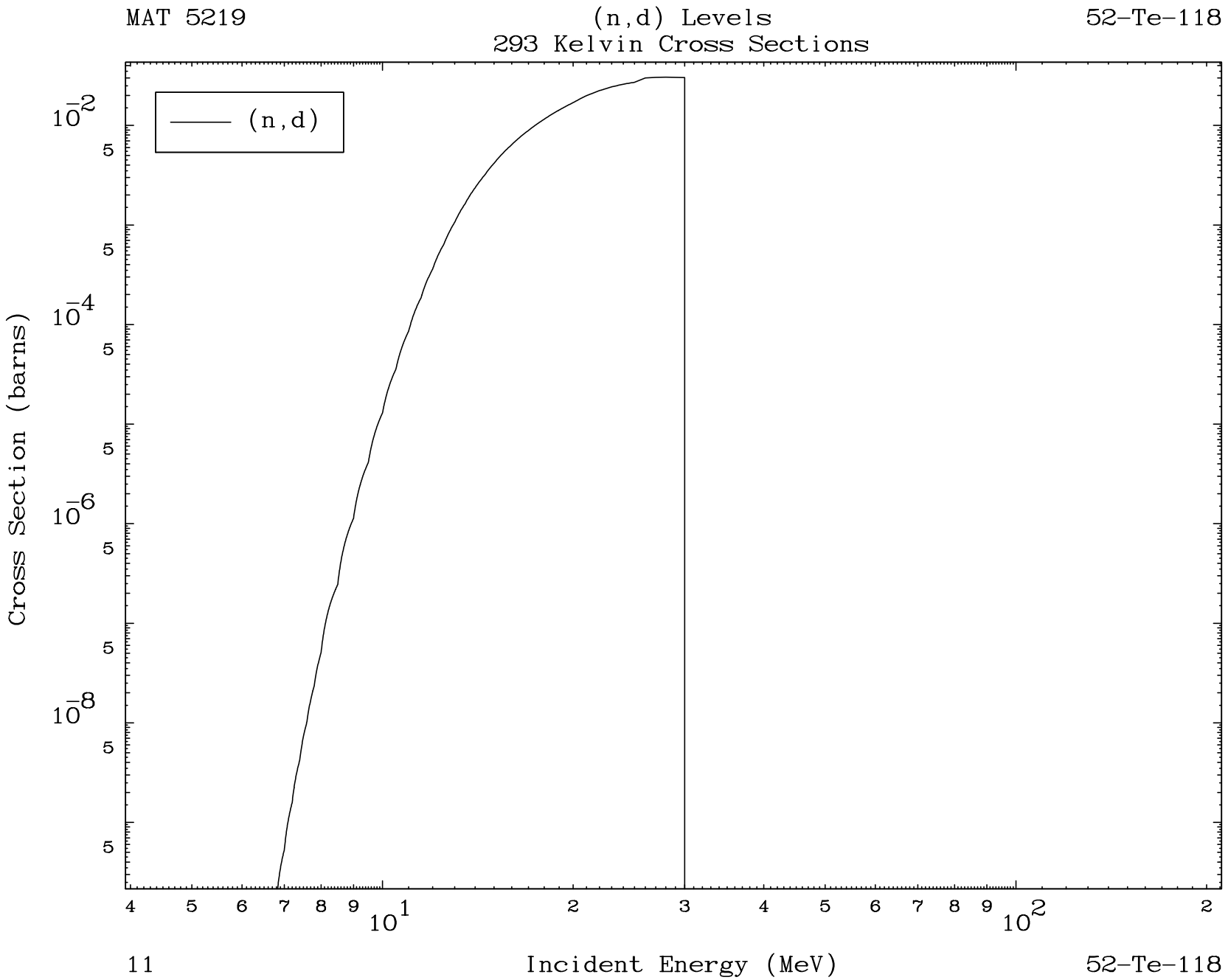

MAT 5219
Charged Particle
293 Kelvin Cross Sections
52-Te-118
Cross Section (barns)
Incident Energy (MeV)
(n,n') α
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
6
52-Te-118

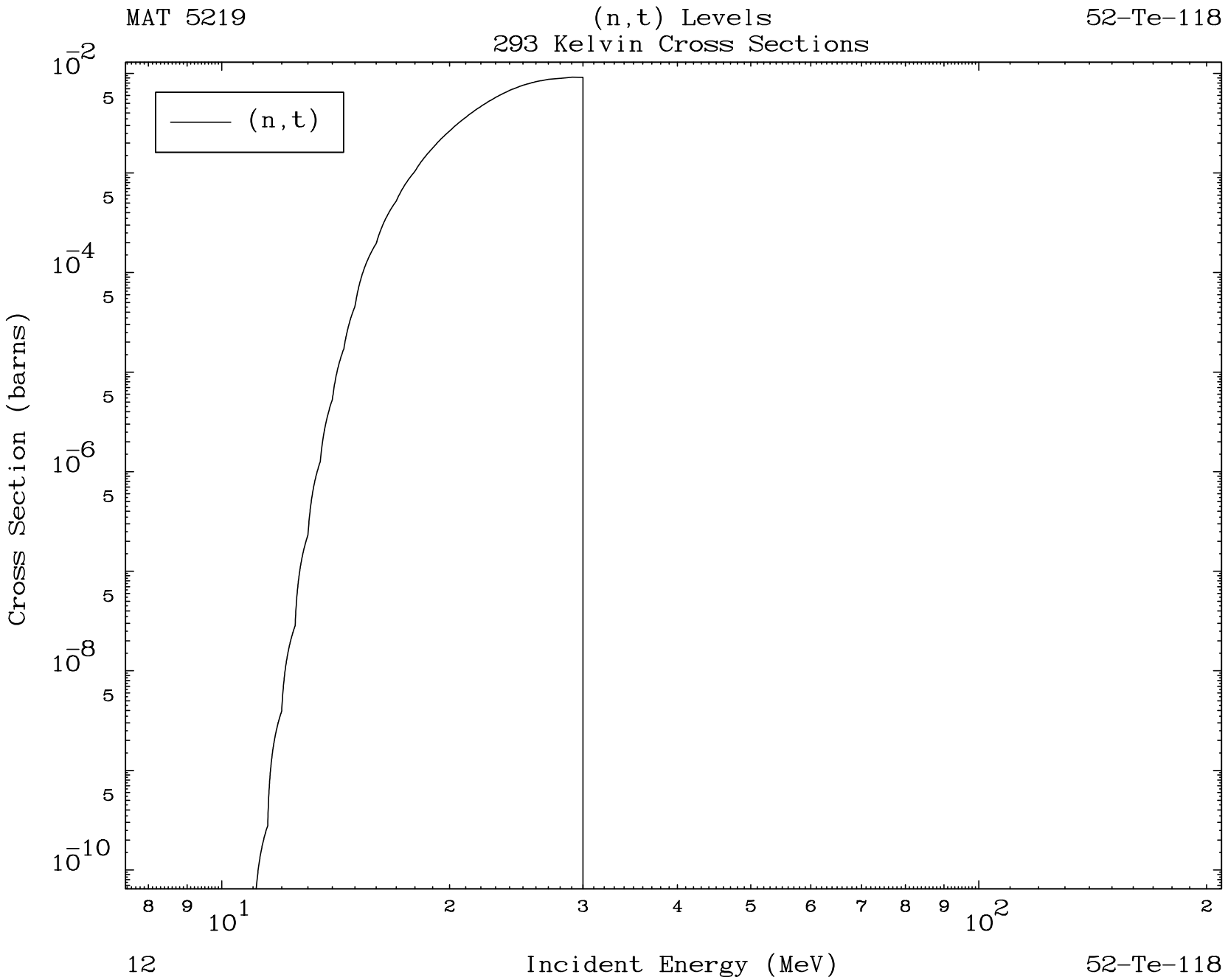

MAT 5219
Particle Production
293 Kelvin Cross Sections
52-Te-118
Cross Section (barns)
Incident Energy (MeV)
Hydrogen Production
Deuterium Production
Tritium Production
He-3 Production
He-4 Production
7
52-Te-118

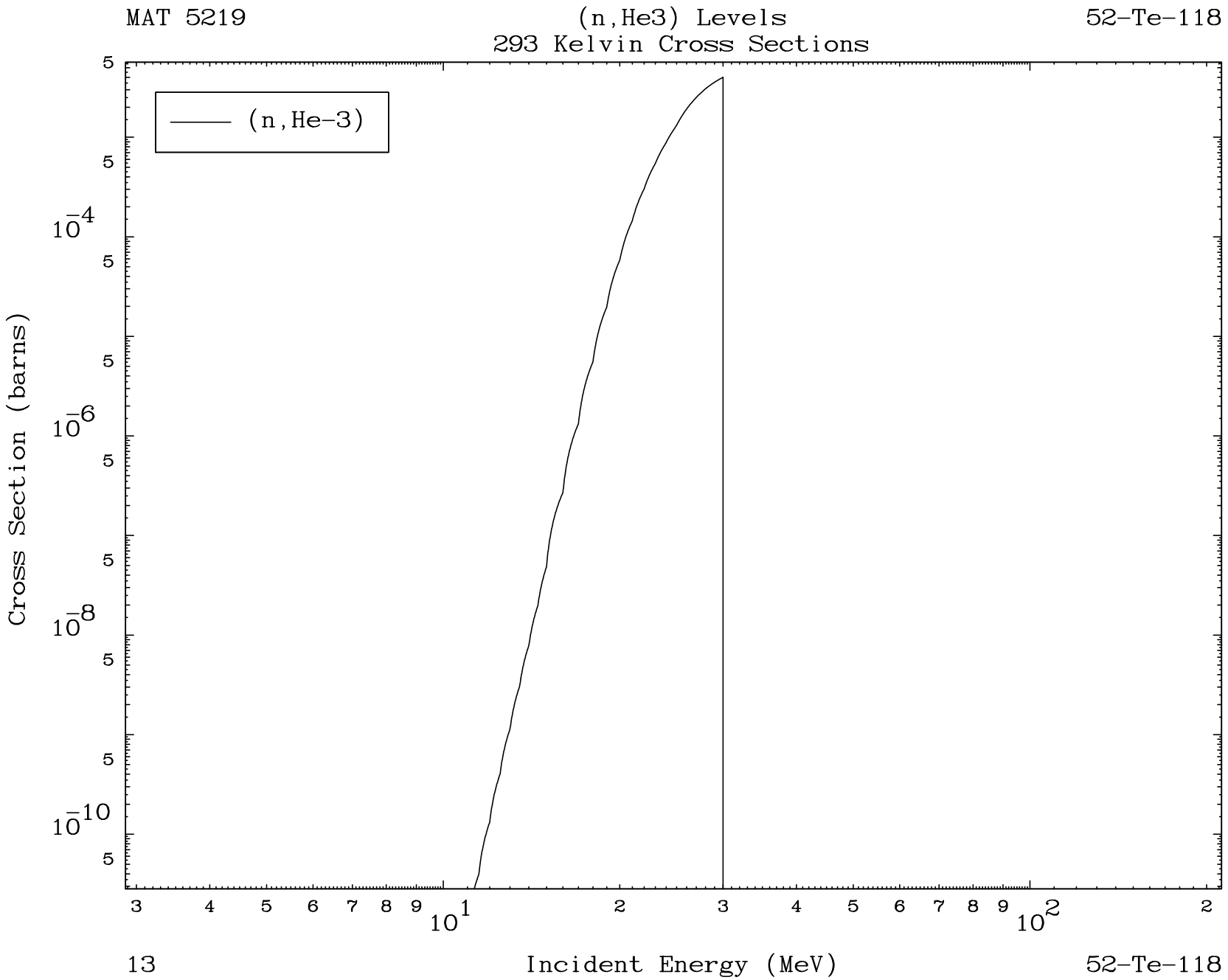

MAT 5219
(n,n') Levels
293 Kelvin Cross Sections
52-Te-118
Inelastic
MT= 51 (n,n') Level
MT= 52 (n,n') Level
MT= 53 (n,n') Level
MT= 54 (n,n') Level
MT= 55 (n,n') Level
MT= 56 (n,n') Level
MT= 57 (n,n') Level
MT= 58 (n,n') Level
MT= 59 (n,n') Level
Cross Section (barns)
Incident Energy (MeV)
8
52-Te-118

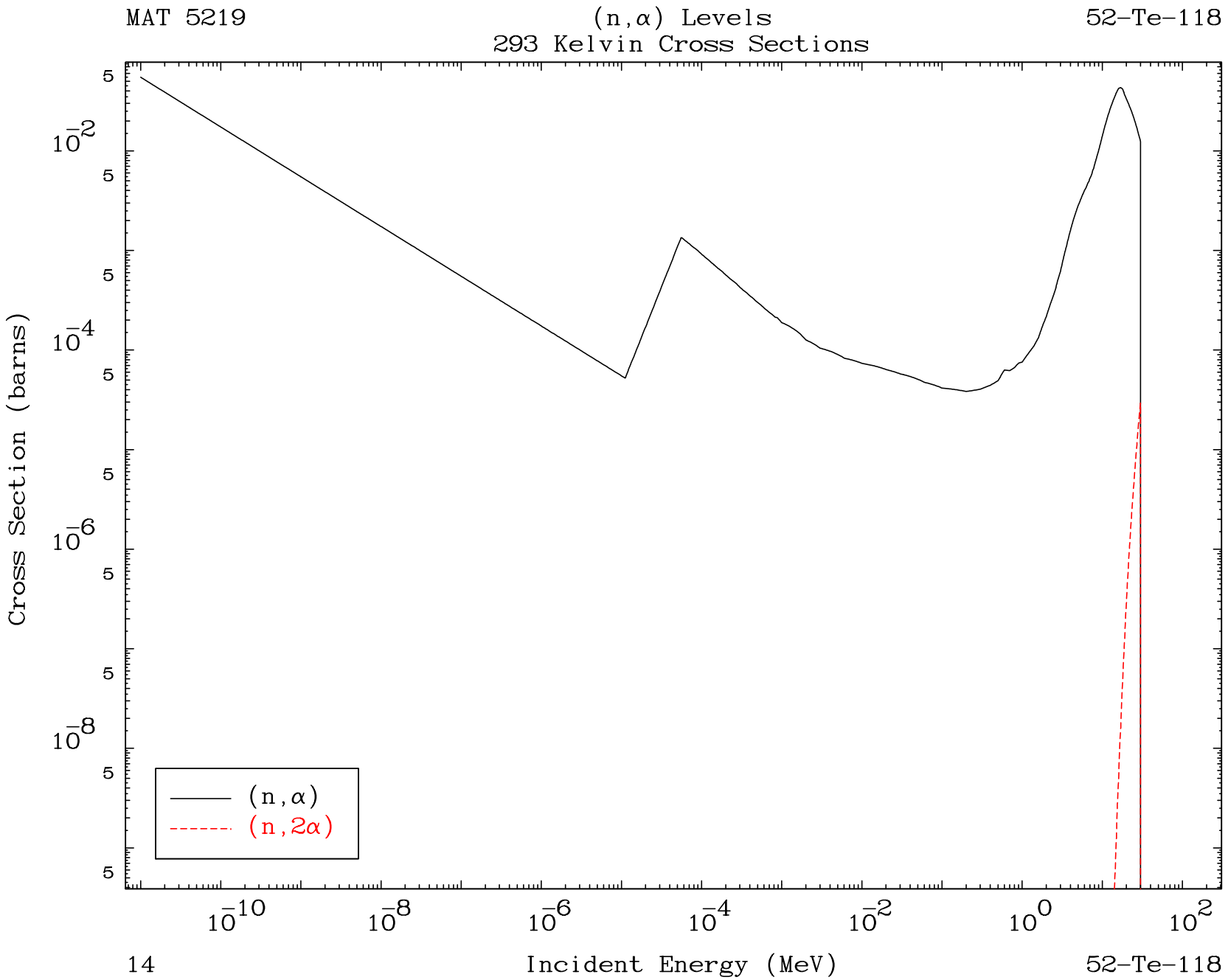

MAT 5219
(n,n') Levels
293 Kelvin Cross Sections
52-Te-118
Inelastic
MT= 60 (n,n') Level
MT= 61 (n,n') Level
MT= 62 (n,n') Level
MT= 63 (n,n') Level
MT= 64 (n,n') Level
MT= 65 (n,n') Level
MT= 66 (n,n') Level
(n,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
9
52-Te-118

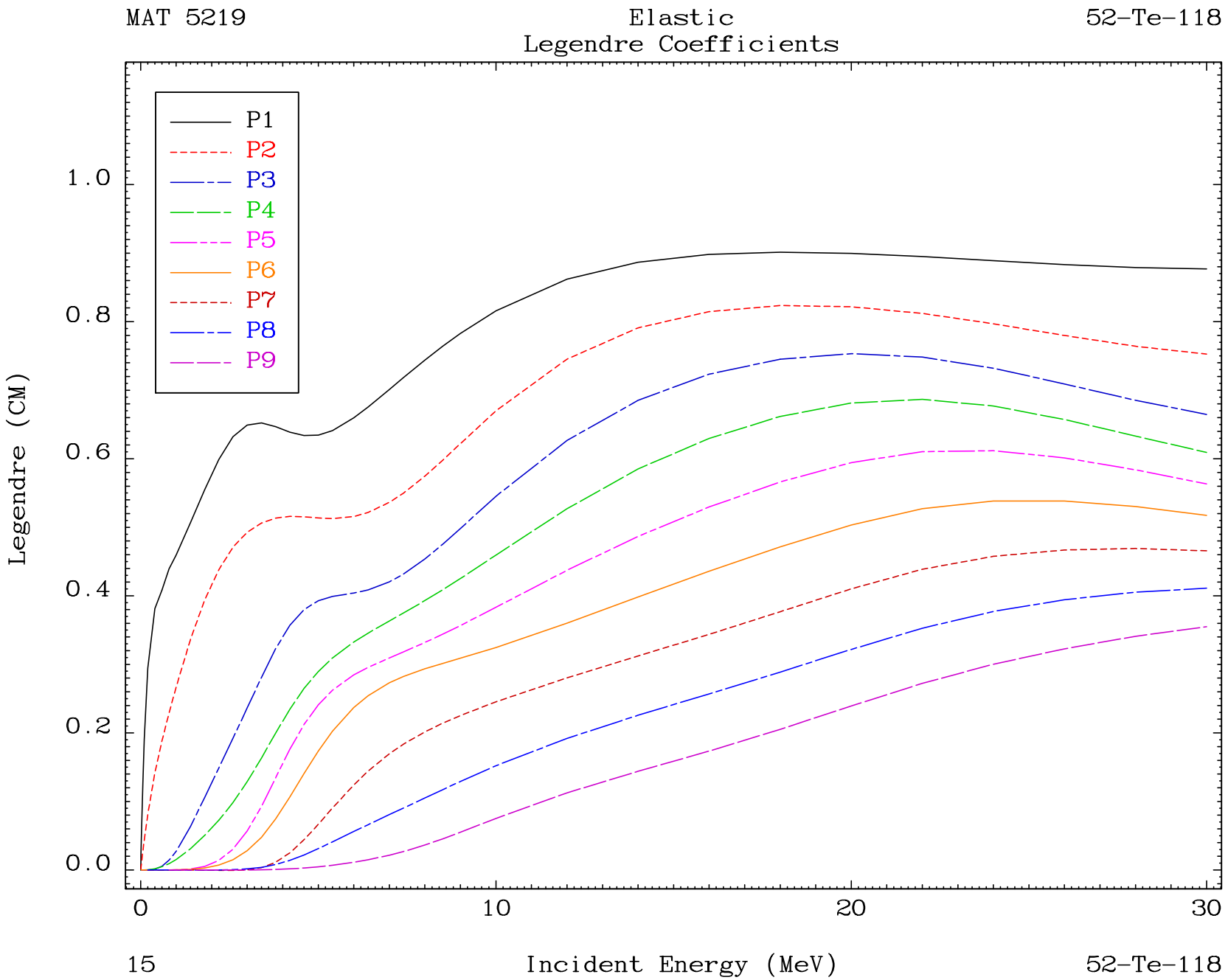

MAT 5219
(n,p) Levels
52-Te-118
293 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
52-Te-118

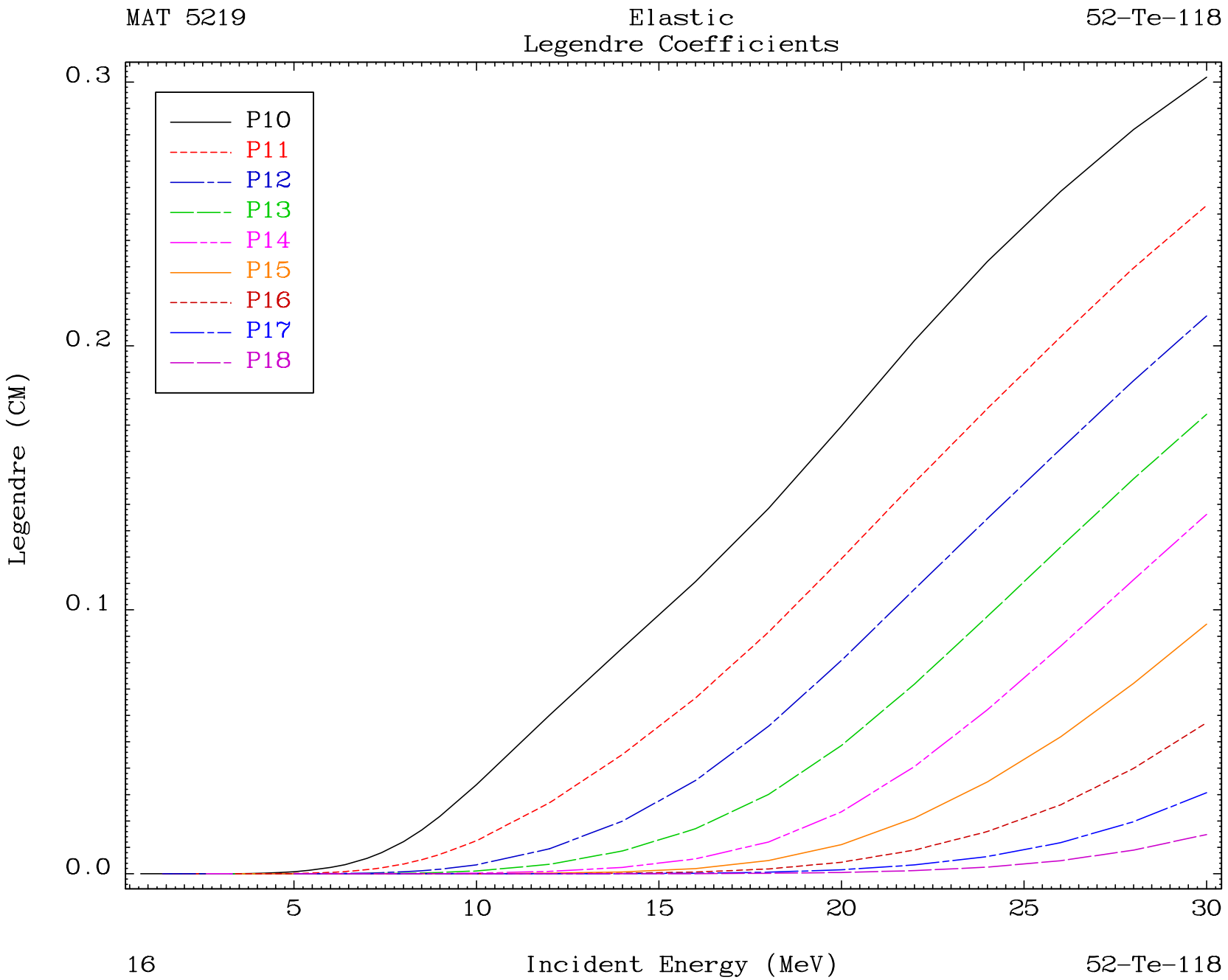

MAT 5219
(n,d) Levels
52-Te-118
293 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-2
10-4
10-6
10-8
4 5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
11
Incident Energy (MeV)
52-Te-118

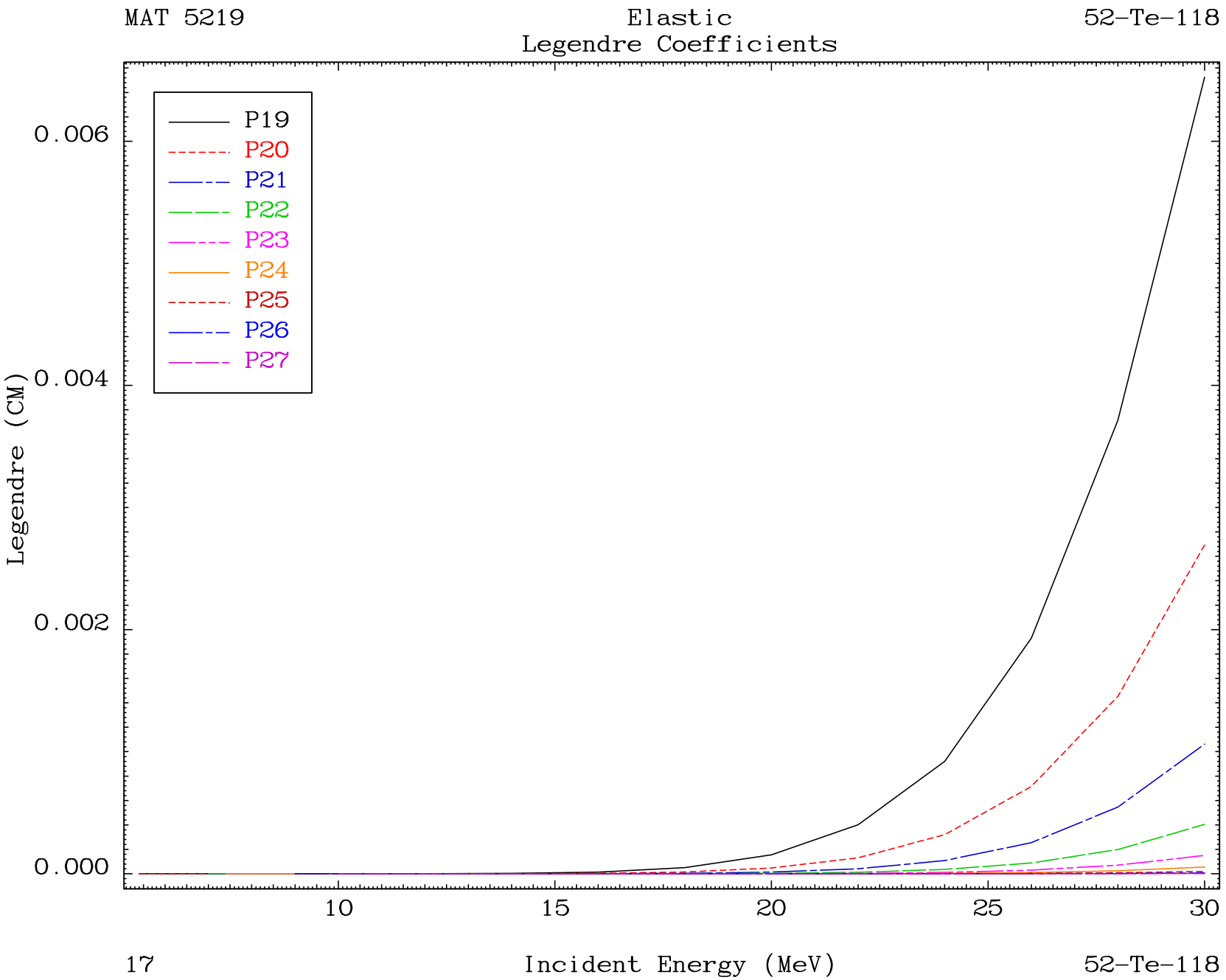

MAT 5219
(n,t) Levels
52-Te-118
293 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
12
52-Te-118

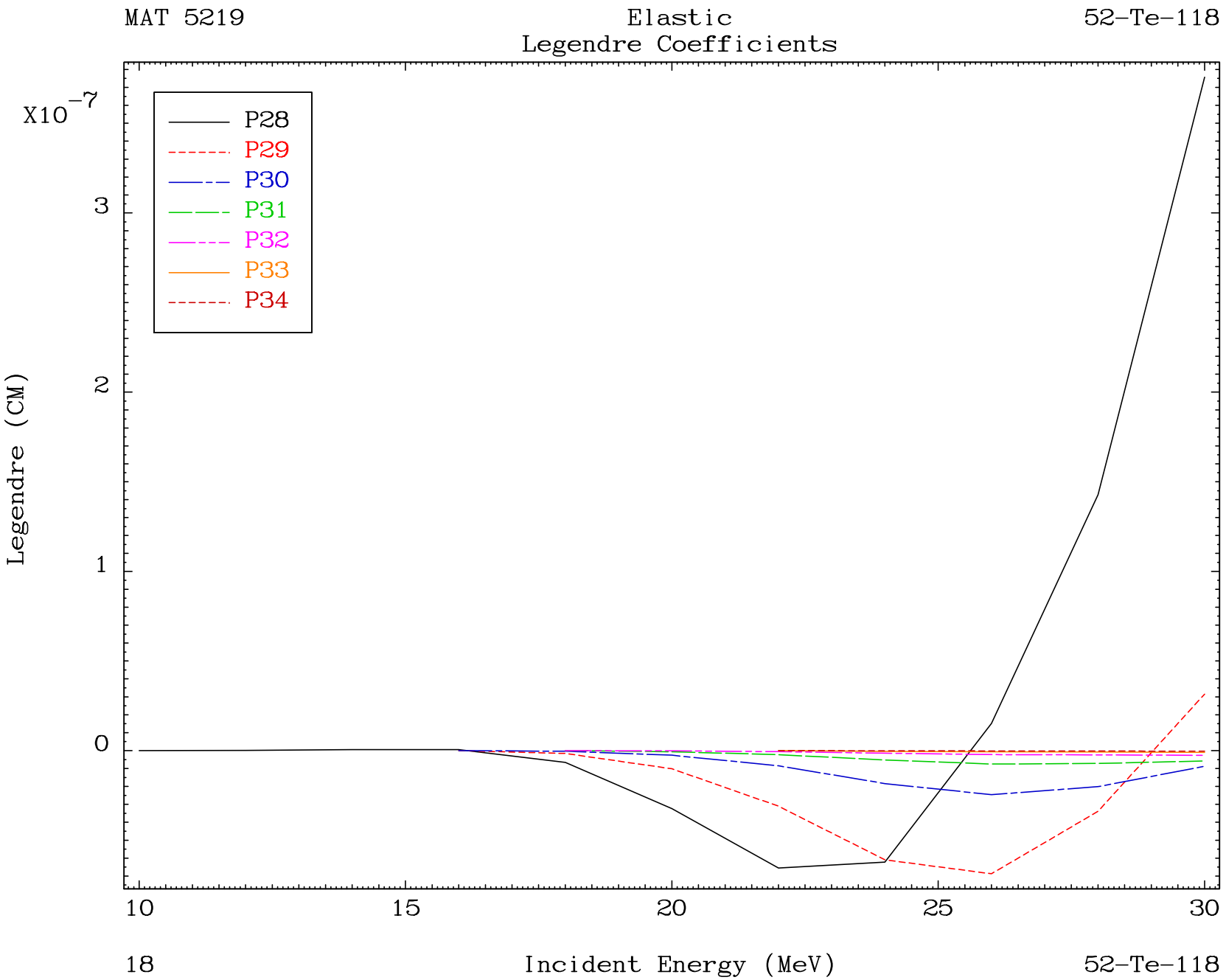

MAT 5219
(n,He3) Levels
52-Te-118
293 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10-4
10-6
10-8
10-10
3 4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
13
Incident Energy (MeV)
52-Te-118

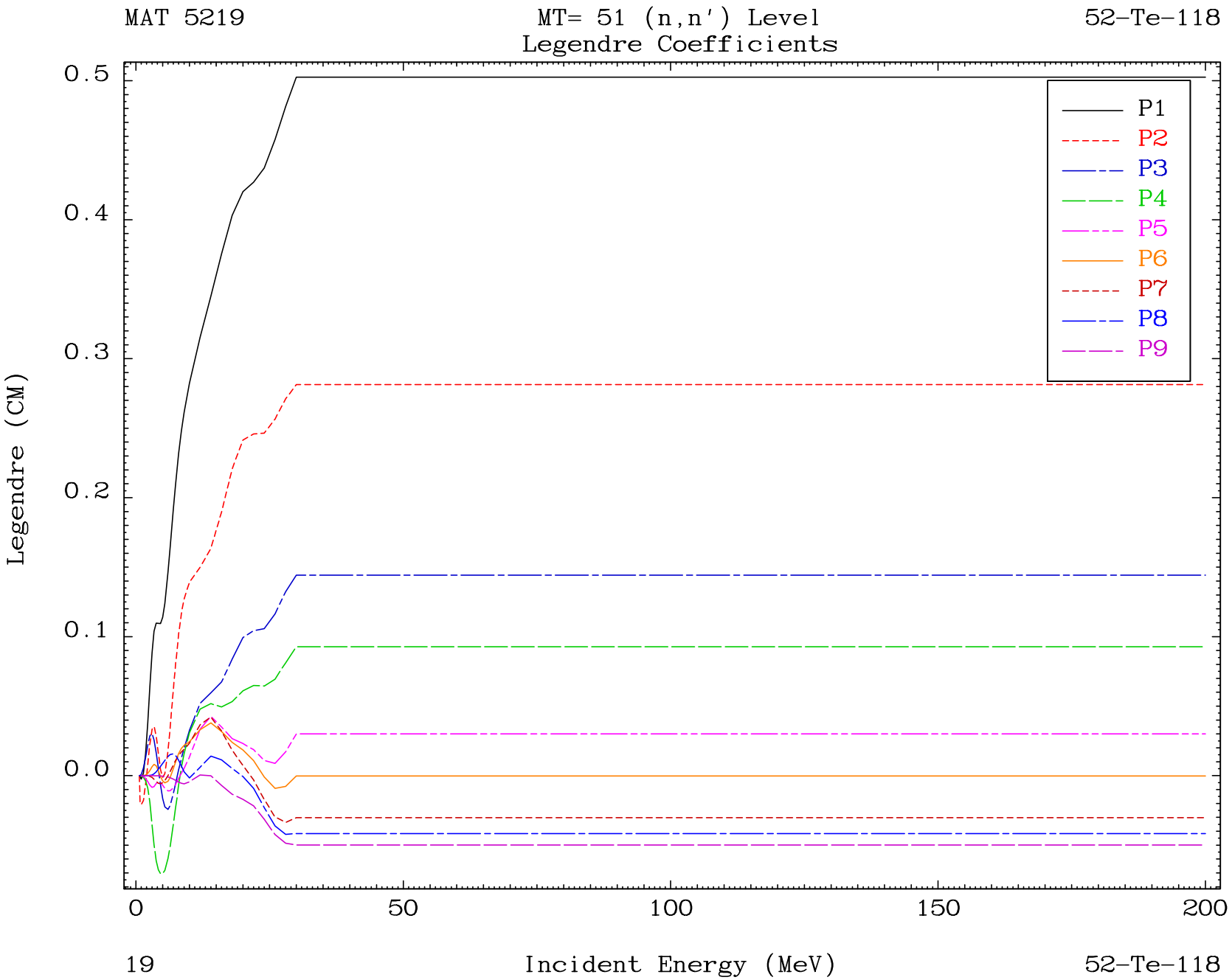

MAT 5219
(n,α) Levels
52-Te-118
293 Kelvin Cross Sections
Cross Section (barns)
Incident Energy (MeV)
(n,α)
(n,2α)
14
52-Te-118

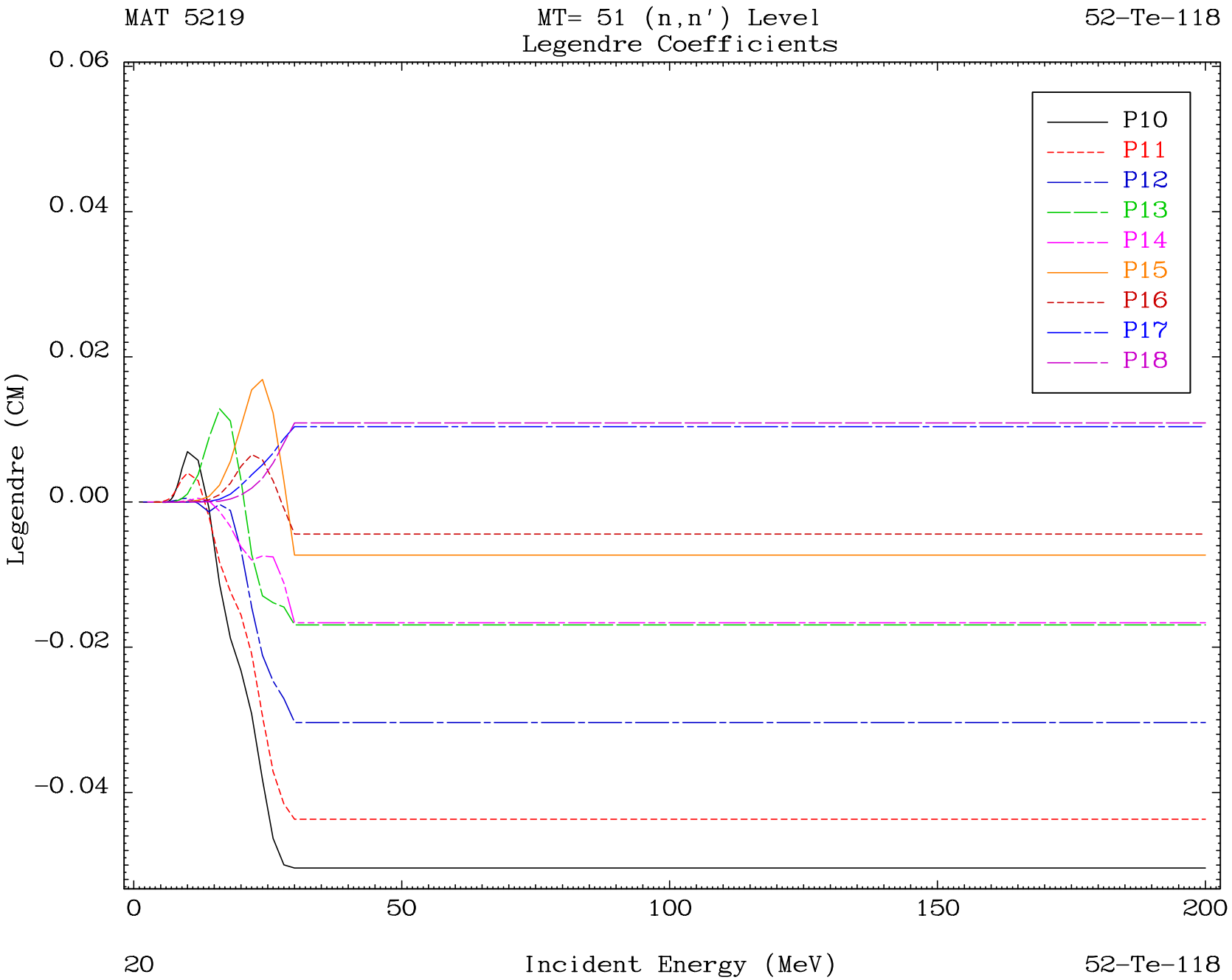

MAT 5219
Elastic
Legendre Coefficients
52-Te-118
P1
P2
P3
P4
P5
P6
P7
P8
P9
Legendre (CM)
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
15
Incident Energy (MeV)
52-Te-118

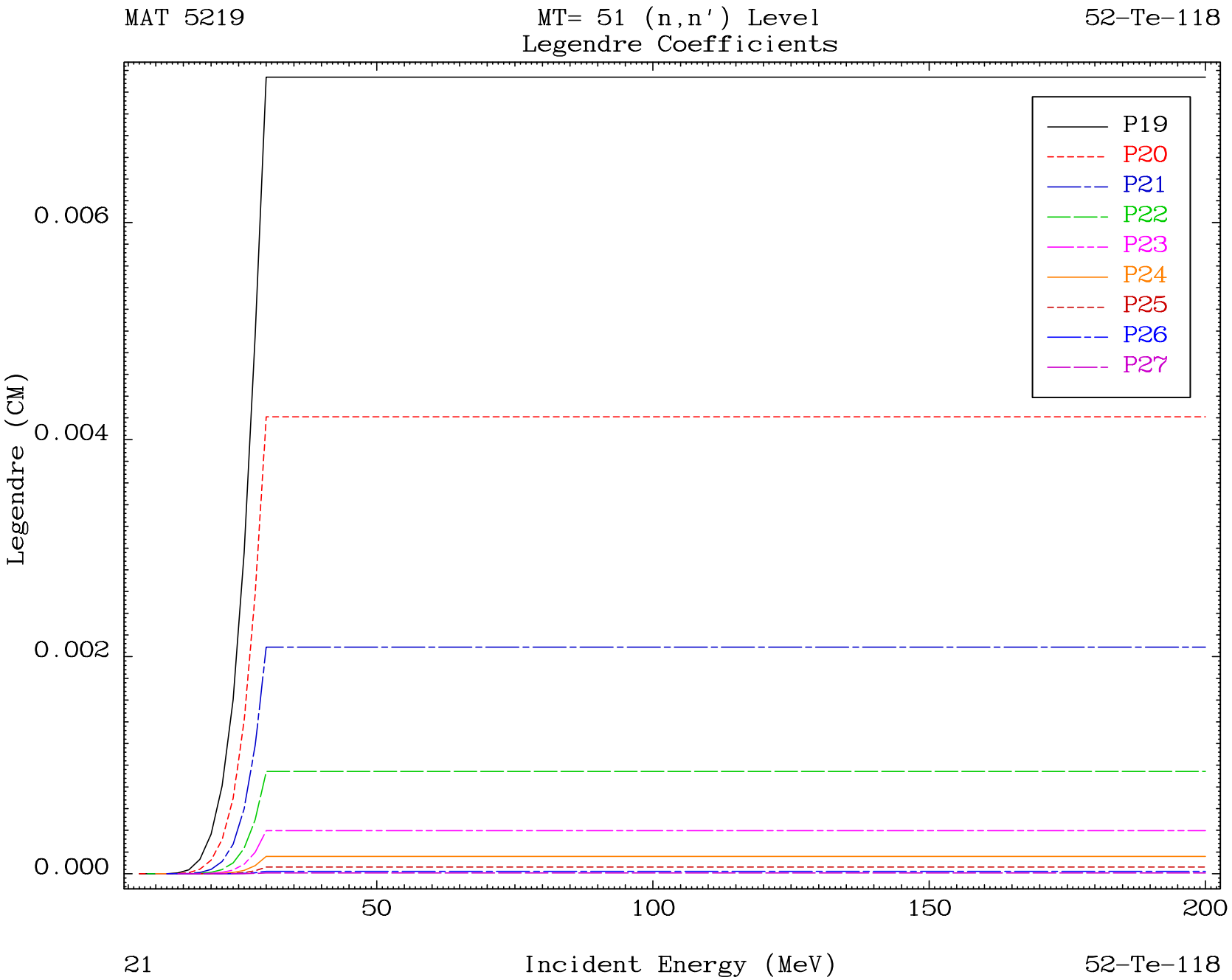

MAT 5219
Elastic
Legendre Coefficients
52-Te-118
P10
P11
P12
P13
P14
P15
P16
P17
P18
0.3
0.2
0.1
0.0
Legendre (CM)
5
10
15
20
25
30
16
Incident Energy (MeV)
52-Te-118

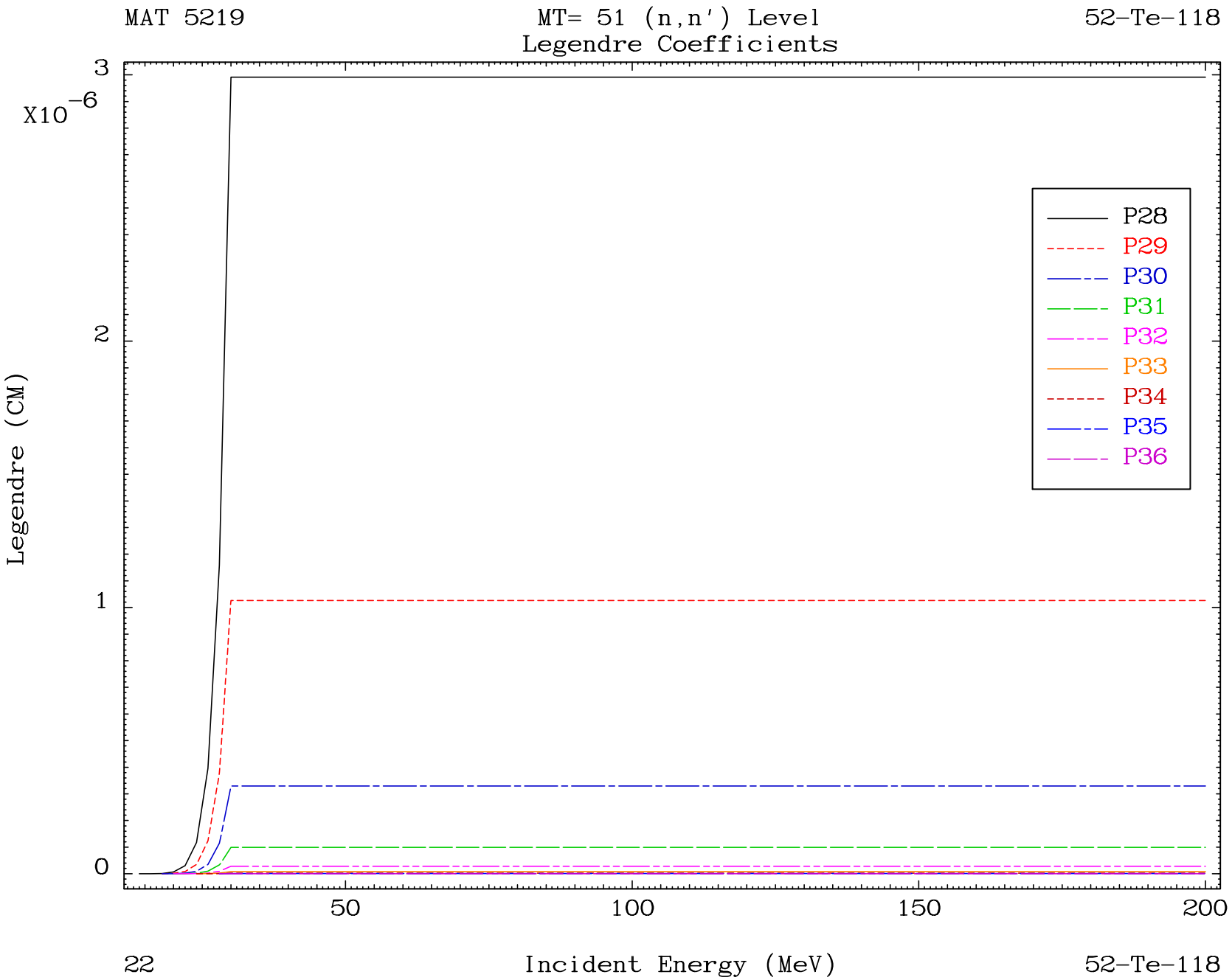

MAT 5219
Elastic
Legendre Coefficients
52-Te-118
P19
P20
P21
P22
P23
P24
P25
P26
P27
0.006
0.004
0.002
0.000
Legendre (CM)
10
15
20
25
30
17
Incident Energy (MeV)
52-Te-118

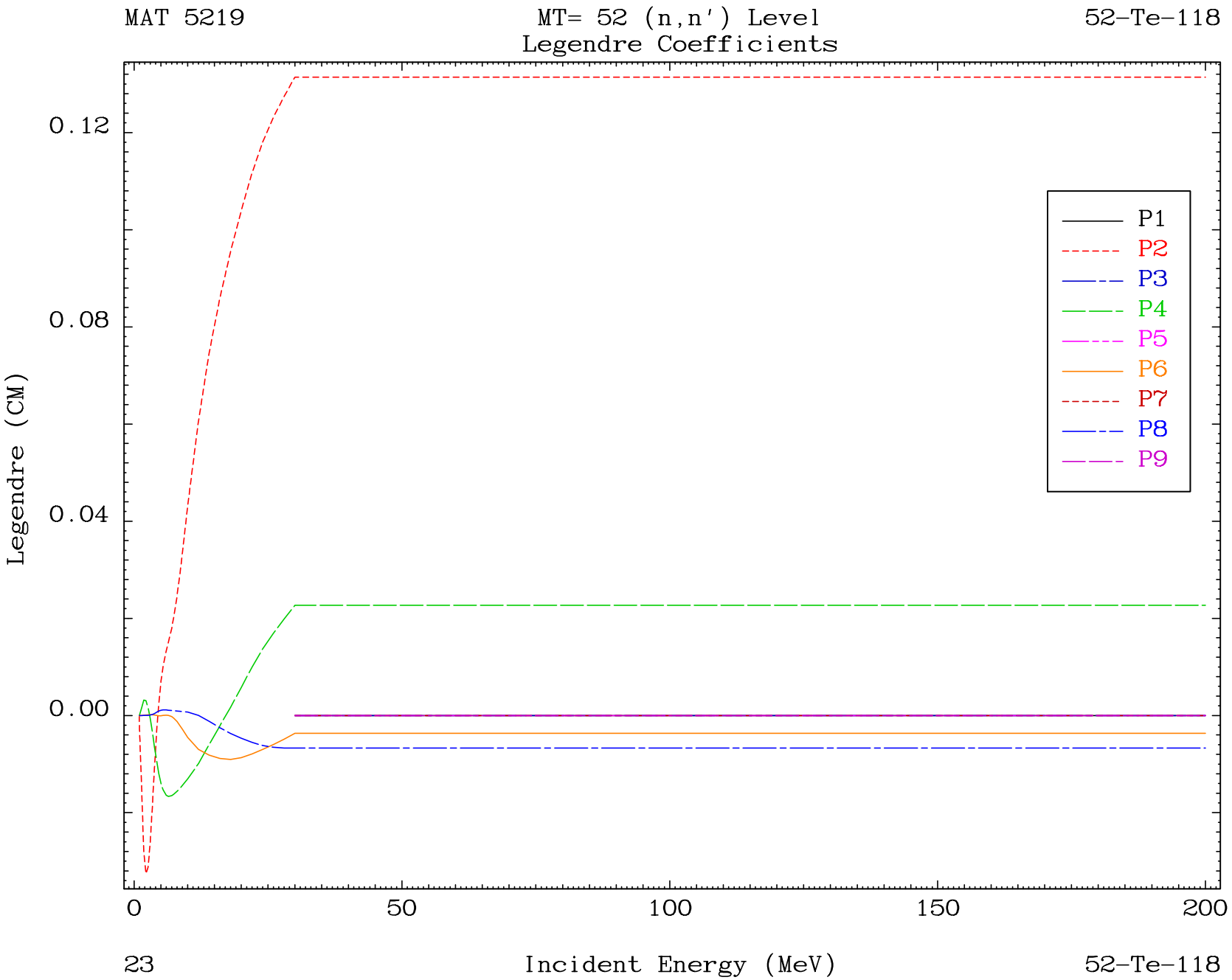

MAT 5219
Elastic
Legendre Coefficients
52-Te-118
X10-7
P28
P29
P30
P31
P32
P33
P34
Legendre (CM)
3
2
1
0
10
15
20
25
30
18
Incident Energy (MeV)
52-Te-118

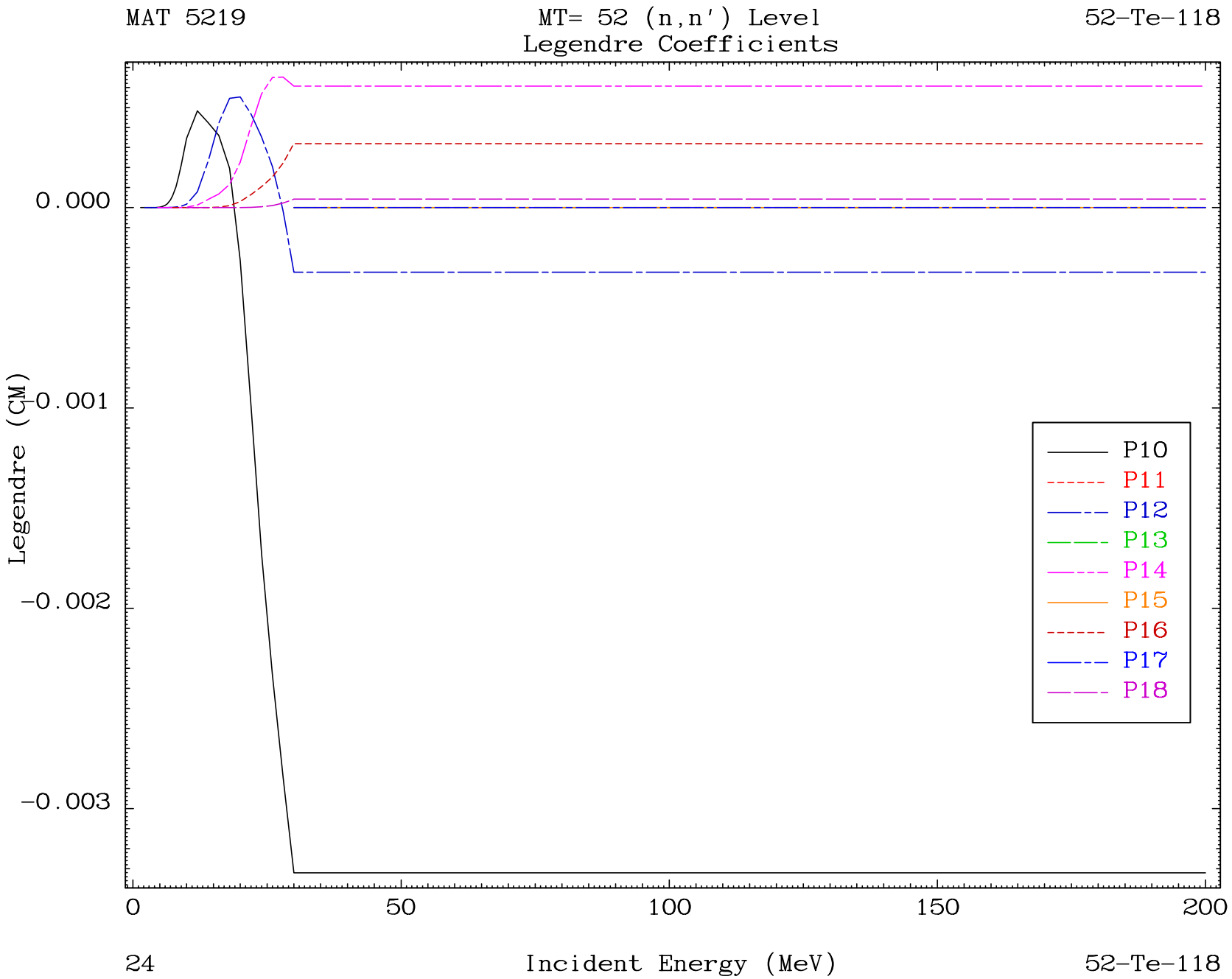

MAT 5219
MT= 51 (n,n') Level
Legendre Coefficients
52-Te-118
Legendre (CM)
0.5
0.4
0.3
0.2
0.1
0.0
0
50
100
150
200
Incident Energy (MeV)
19
52-Te-118
P1
P2
P3
P4
P5
P6
P7
P8
P9

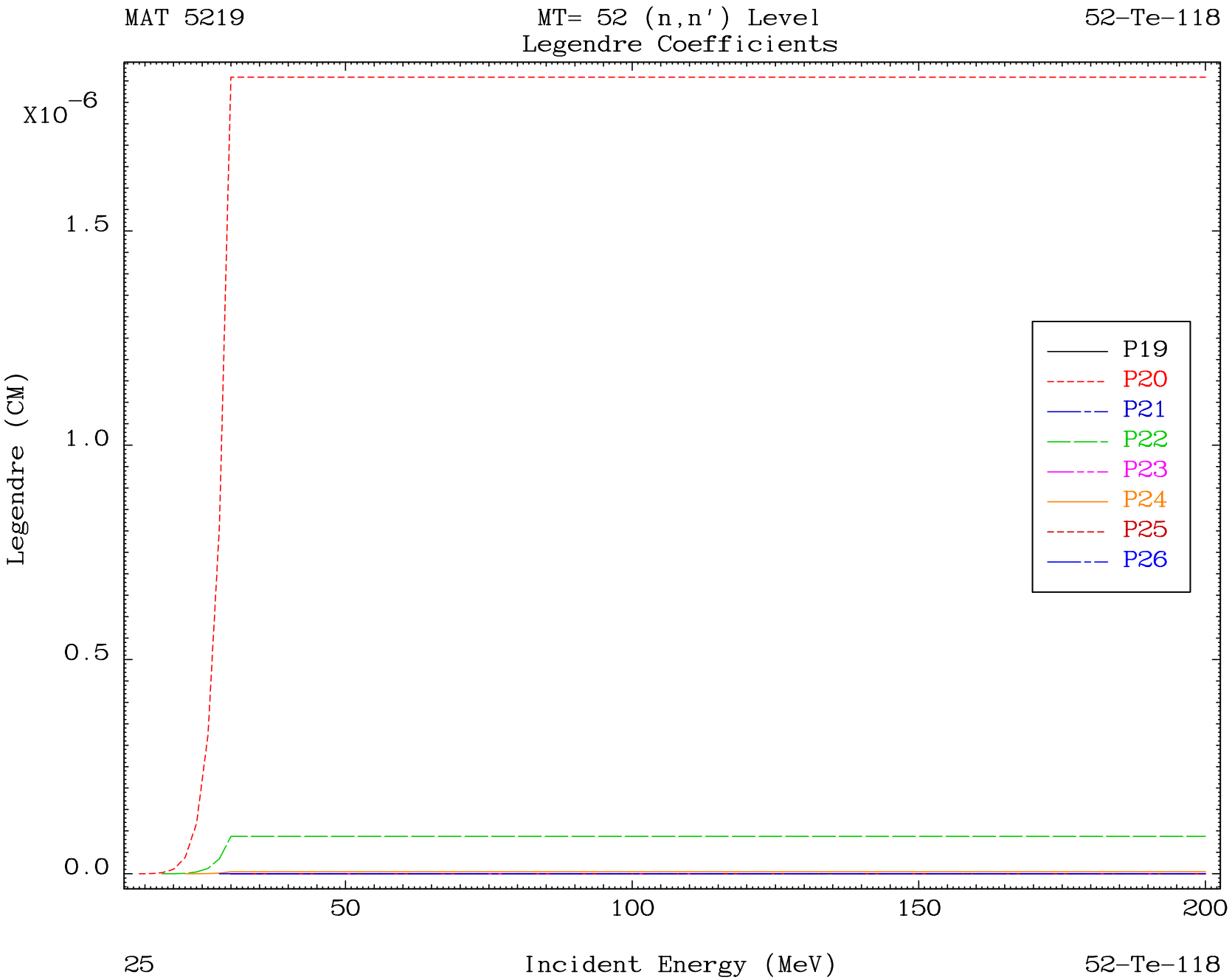

MAT 5219
MT= 51 (n,n') Level
Legendre Coefficients
52-Te-118
0.06
0.04
0.02
0.00
-0.02
-0.04
Legendre (CM)
P10
P11
P12
P13
P14
P15
P16
P17
P18
0
50
100
150
200
20
Incident Energy (MeV)
52-Te-118

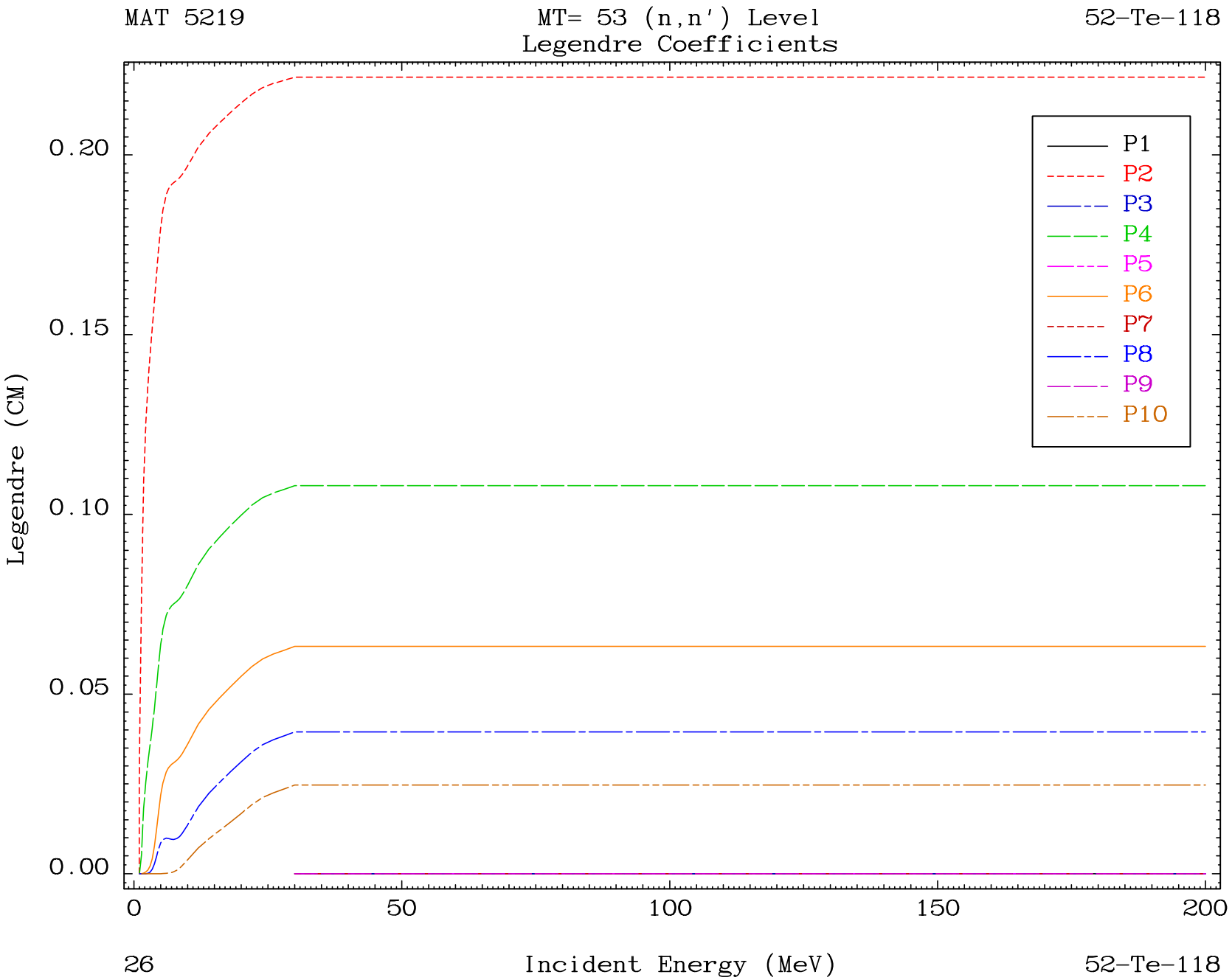

MAT 5219
MT= 51 (n,n') Level
Legendre Coefficients
52-Te-118
P19
P20
P21
P22
P23
P24
P25
P26
P27
0.006
0.004
0.002
0.000
Legendre (CM)
50
100
150
200
21
Incident Energy (MeV)
52-Te-118

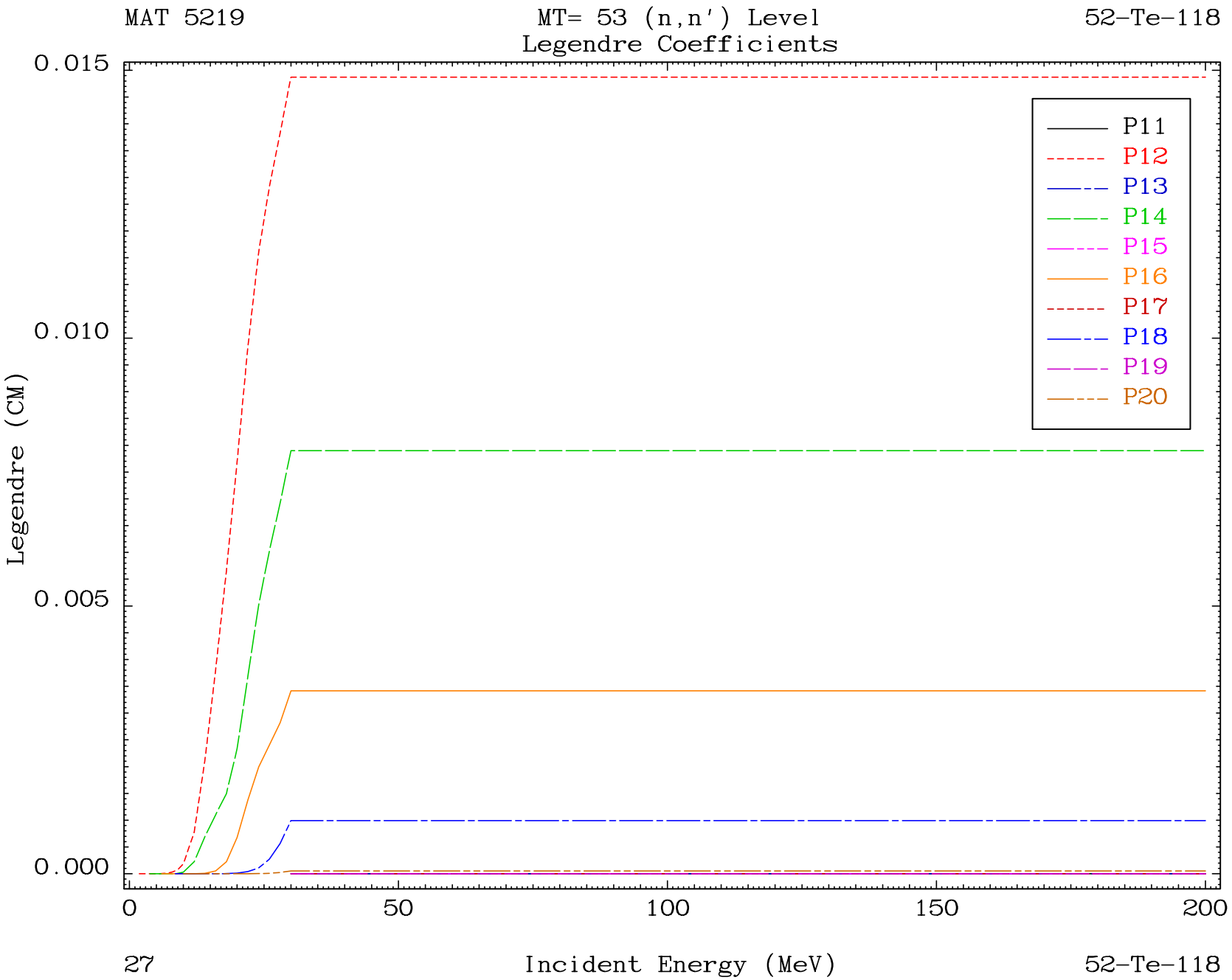

MAT 5219
MT= 51 (n,n') Level
Legendre Coefficients
52-Te-118
X10 −6
3
2
1
0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
P35
P36
50
100
150
200
22
Incident Energy (MeV)
52-Te-118

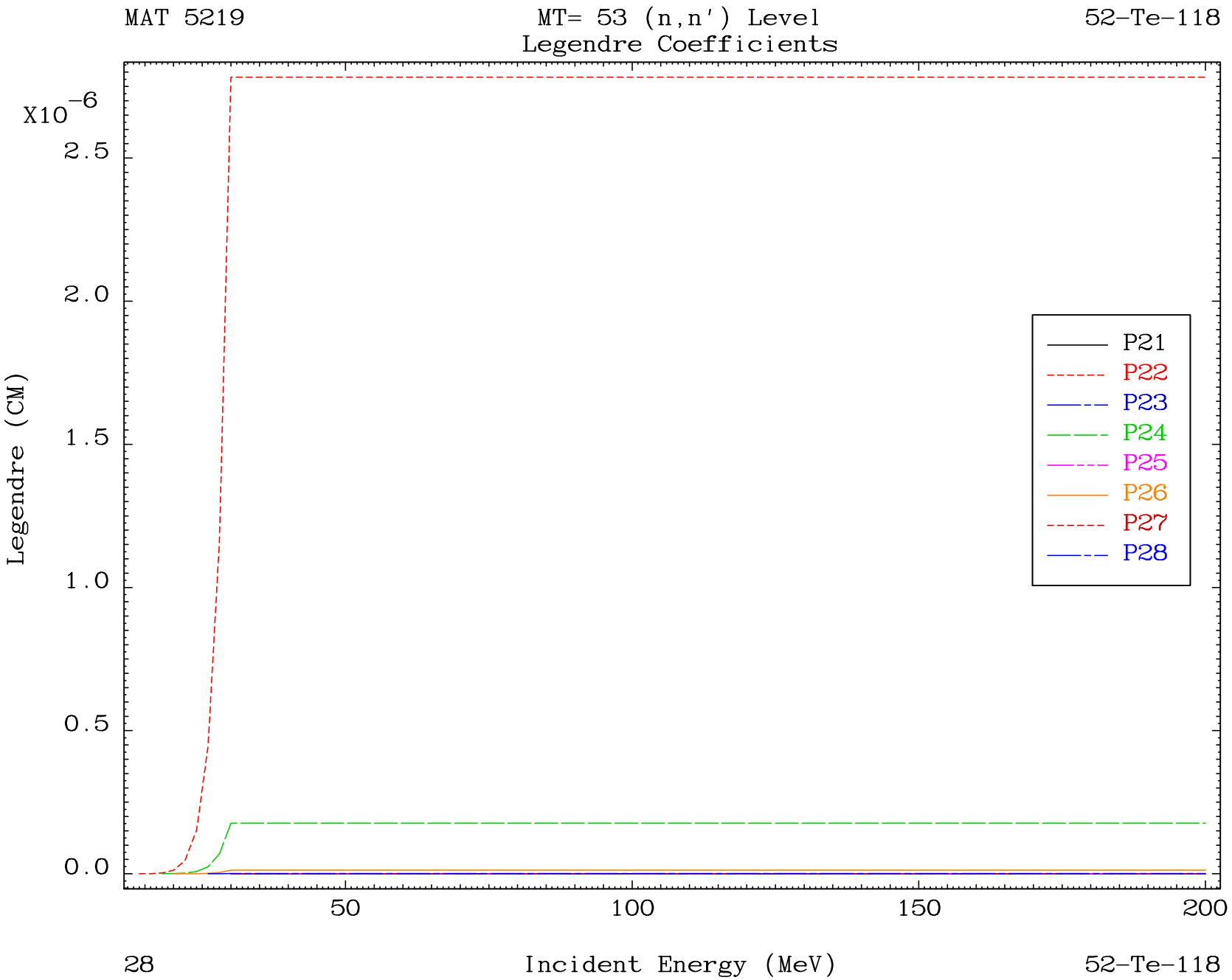

MAT 5219
MT= 52 (n,n') Level
Legendre Coefficients
52-Te-118
0.12
0.08
0.04
0.00
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
0
50
100
150
200
23
Incident Energy (MeV)
52-Te-118

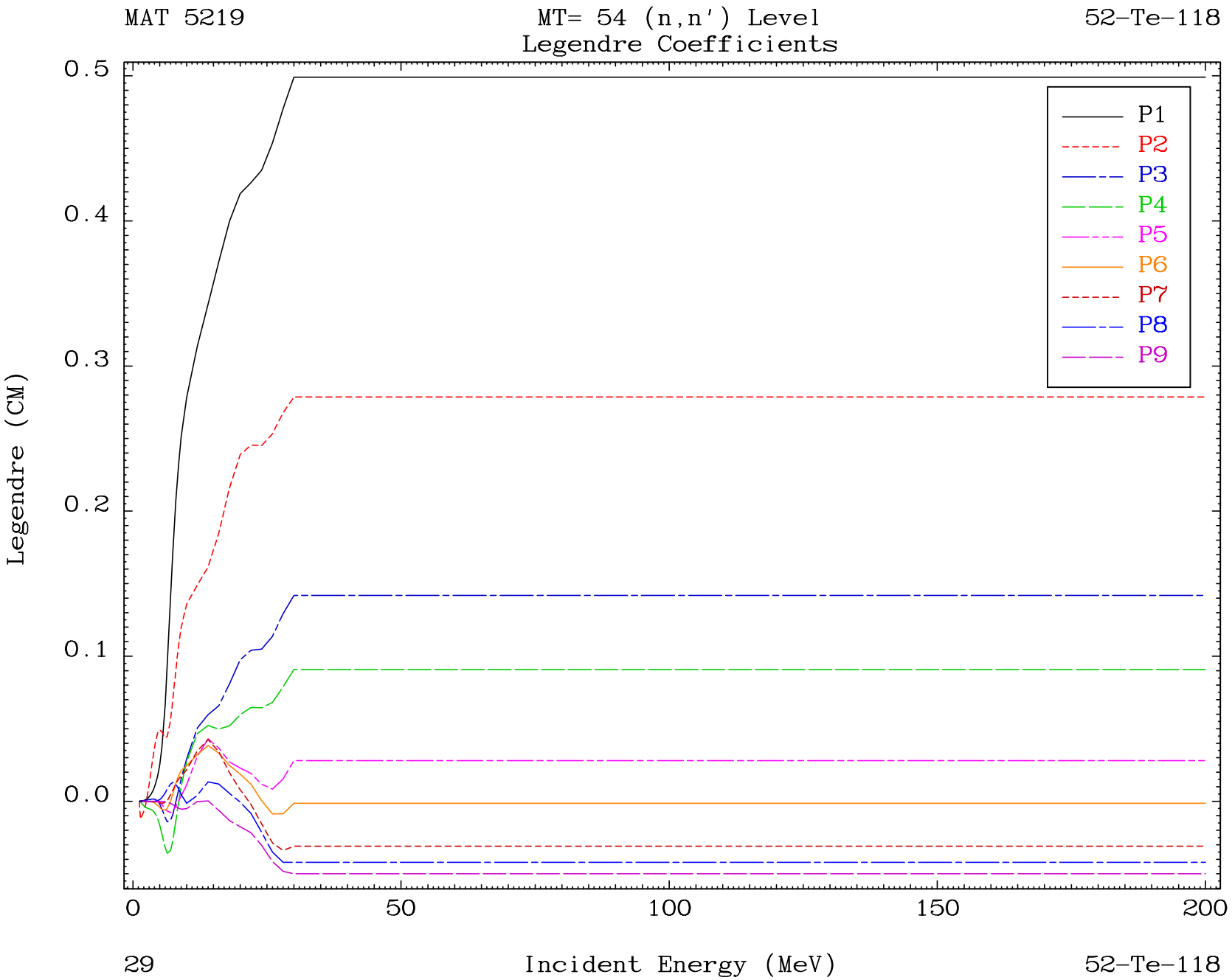

MAT 5219
MT= 52 (n,n') Level
Legendre Coefficients
52-Te-118
0.000
-0.001
-0.002
-0.003
Legendre (CM)
0
50
100
150
200
Incident Energy (MeV)
24
52-Te-118
P10
P11
P12
P13
P14
P15
P16
P17
P18

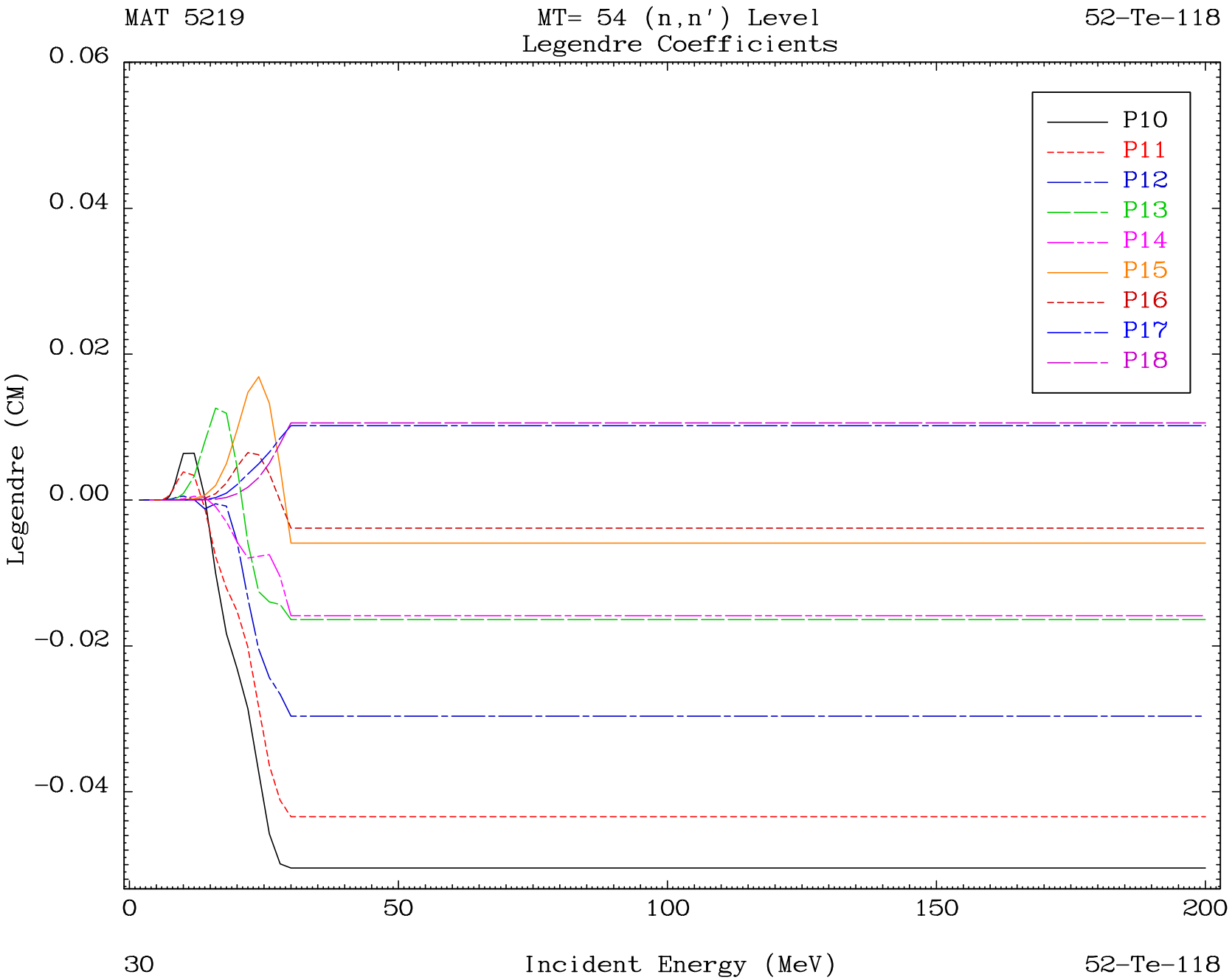

MAT 5219
MT= 52 (n,n') Level
Legendre Coefficients
52-Te-118
X10^-6
1.5
1.0
0.5
0.0
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
50
100
150
200
25
Incident Energy (MeV)
52-Te-118

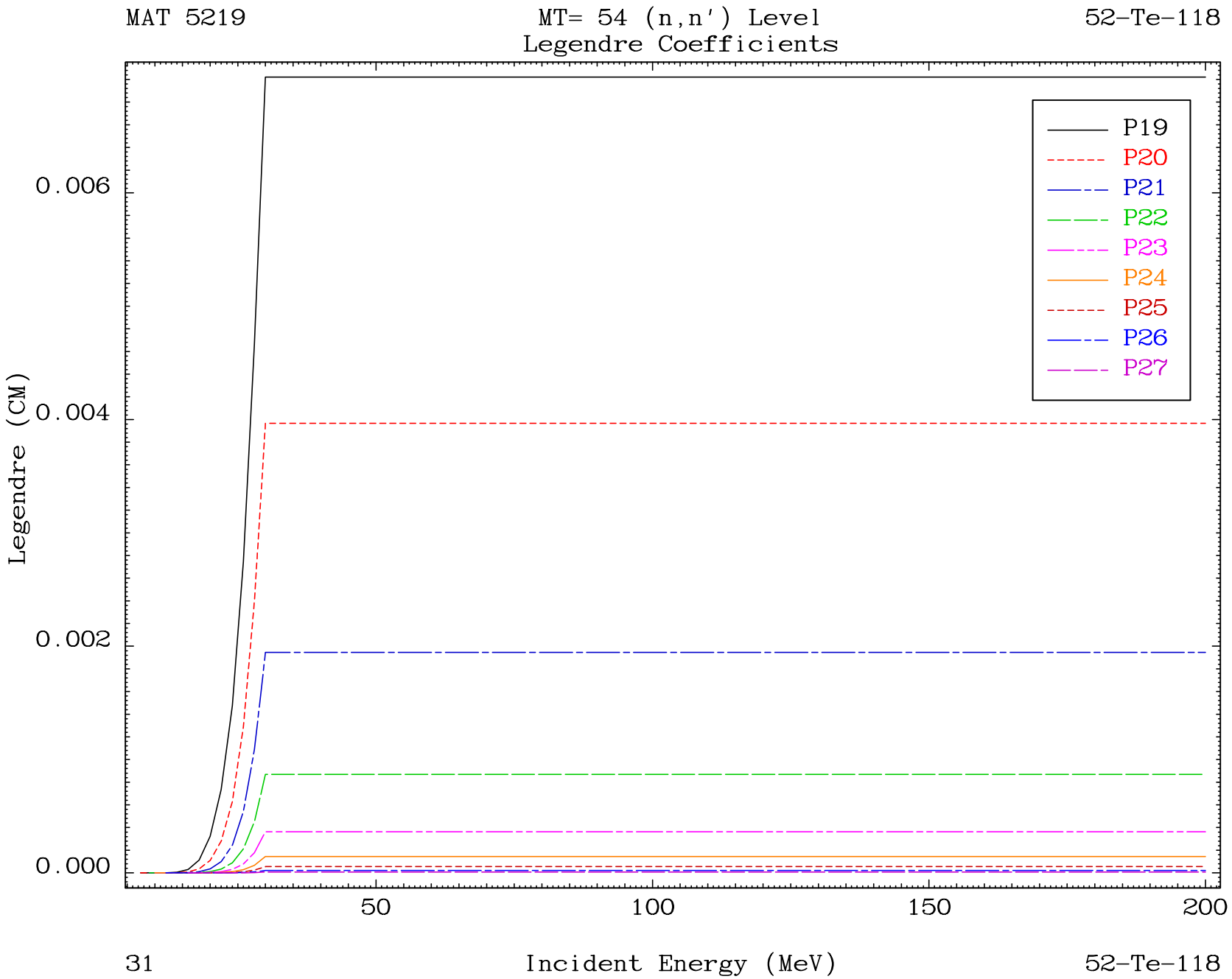

MAT 5219
MT= 53 (n,n') Level
Legendre Coefficients
52-Te-118
Legendre (CM)
0.20
0.15
0.10
0.05
0.00
0
50
100
150
200
Incident Energy (MeV)
26
52-Te-118
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10

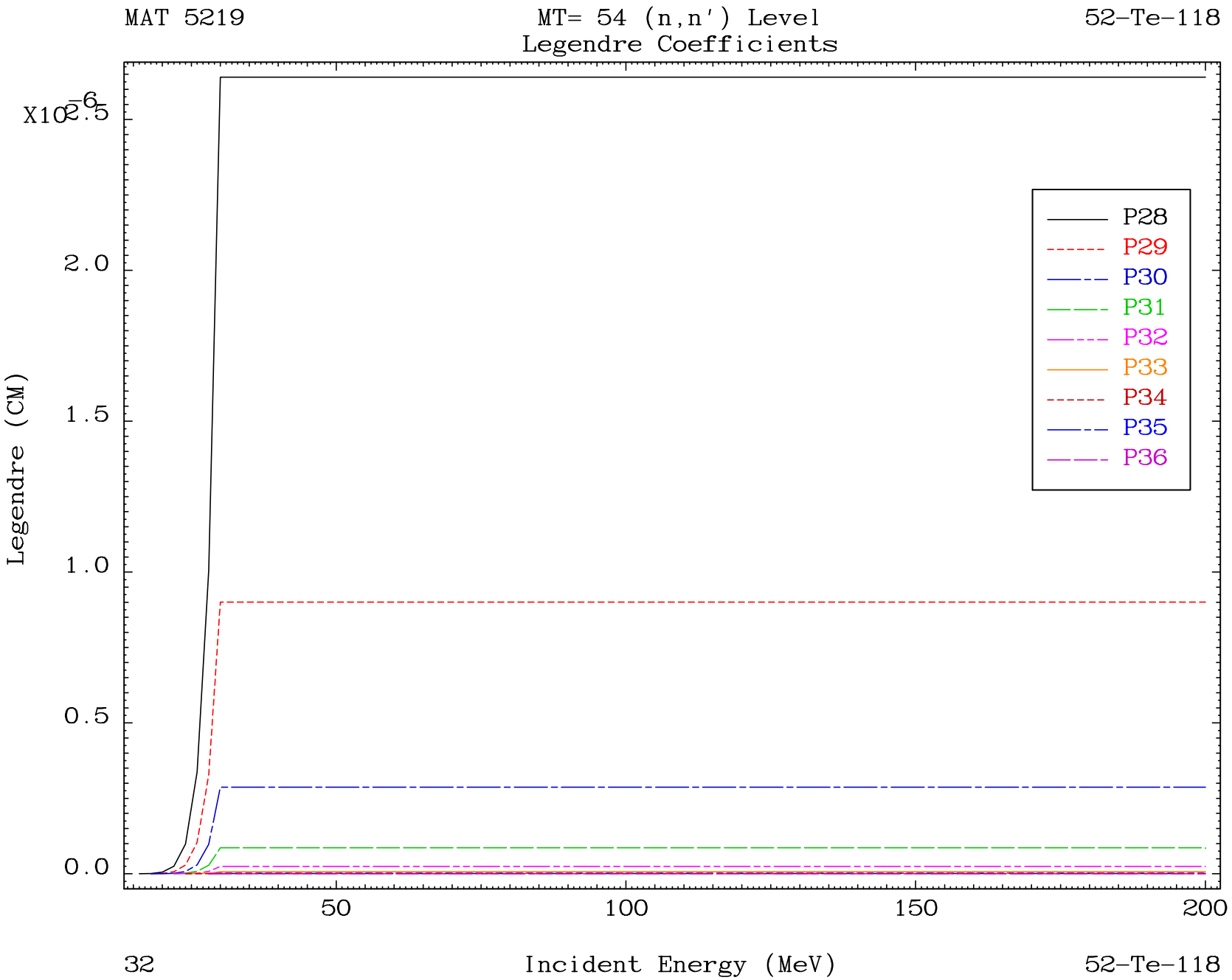

MAT 5219
MT= 53 (n,n') Level
Legendre Coefficients
52-Te-118
0.015
0.010
0.005
0.000
Legendre (CM)
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20
0
50
100
150
200
27
Incident Energy (MeV)
52-Te-118

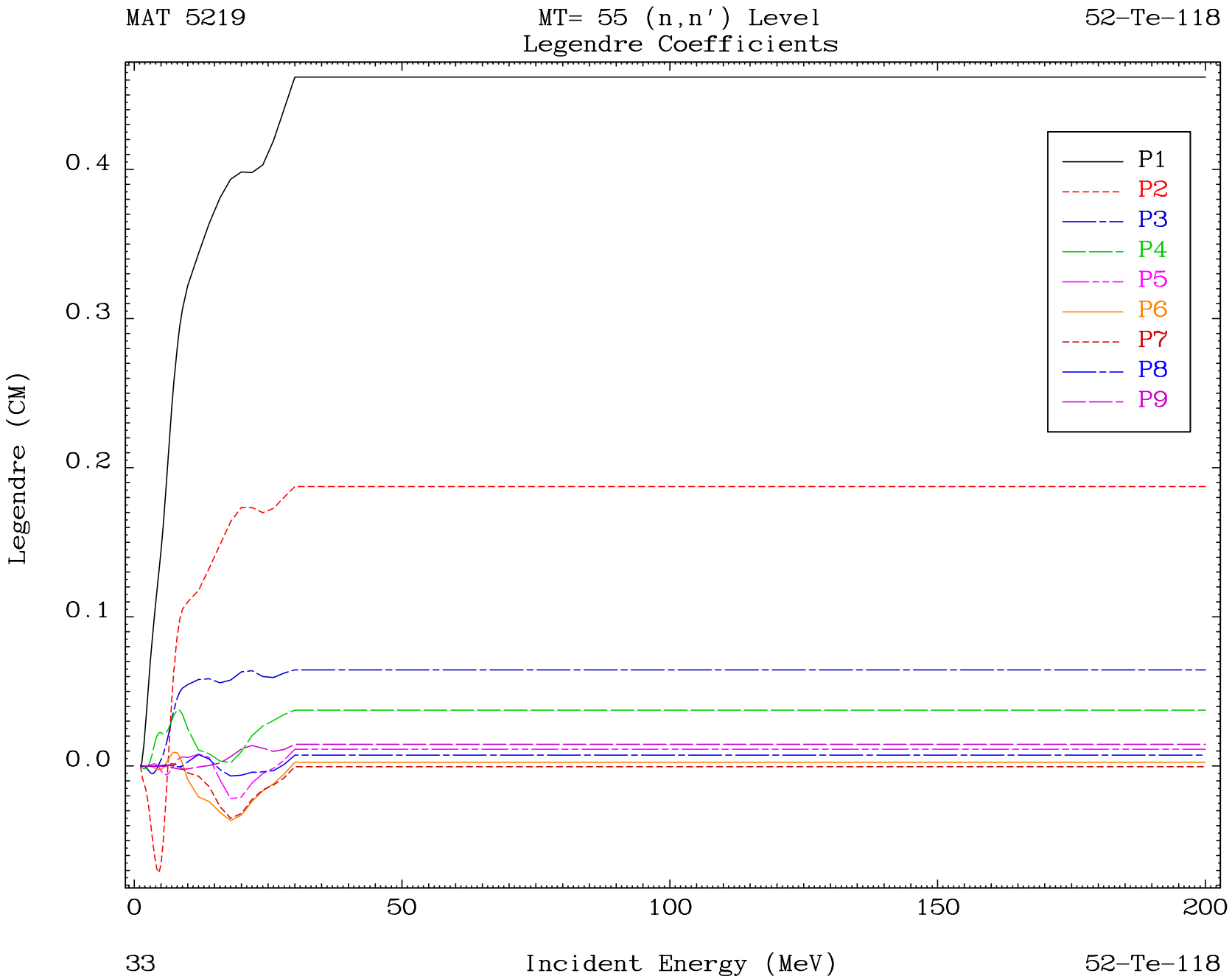

MAT 5219
MT= 53 (n,n') Level
Legendre Coefficients
52-Te-118
X10^-6
2.5
2.0
1.5
1.0
0.5
0.0
Legendre (CM)
P21
P22
P23
P24
P25
P26
P27
P28
50
100
150
200
28
Incident Energy (MeV)
52-Te-118

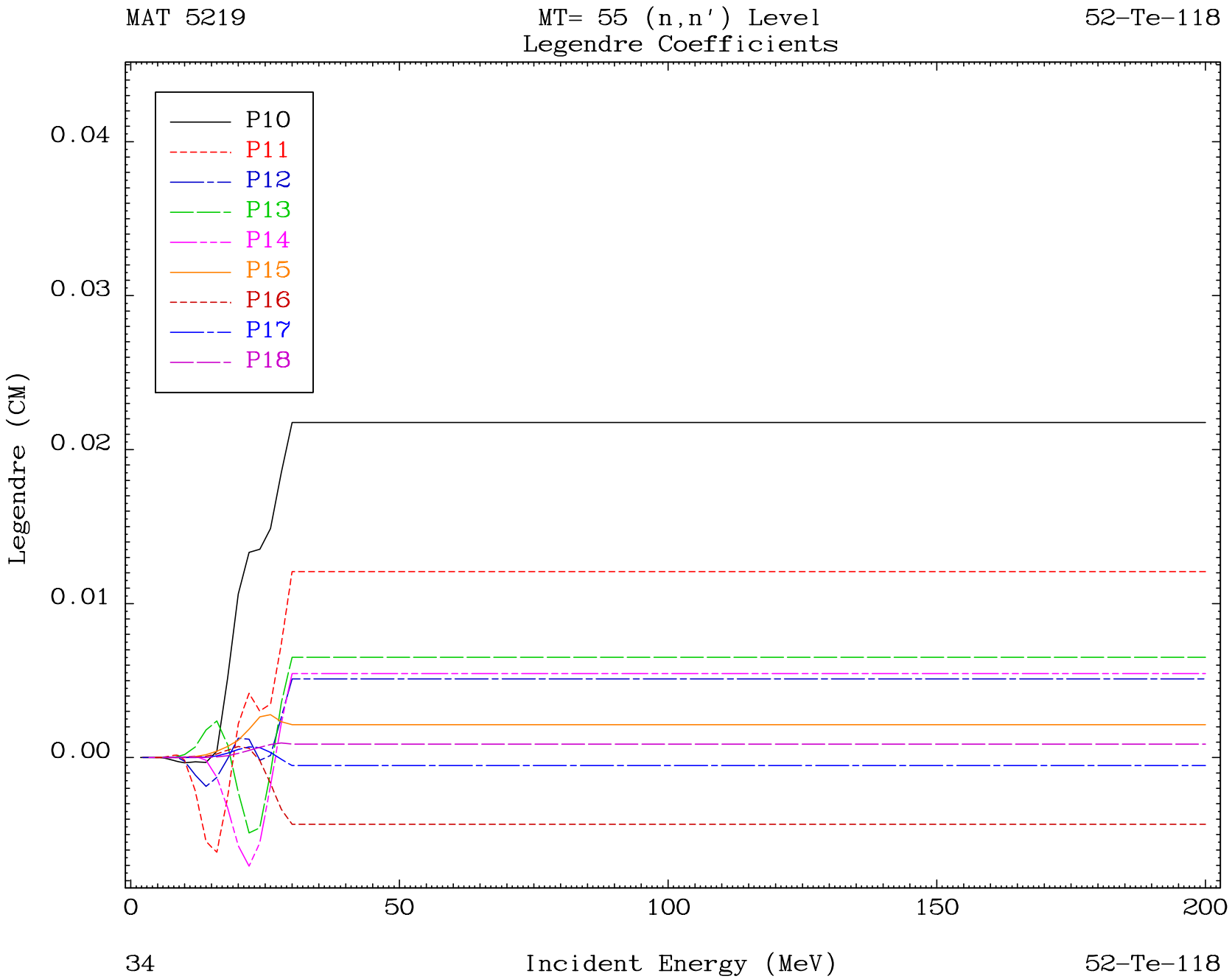

MAT 5219
MT= 54 (n,n') Level
Legendre Coefficients
52-Te-118
0.5
0.4
0.3
0.2
0.1
0.0
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
0
50
100
150
200
29
Incident Energy (MeV)
52-Te-118

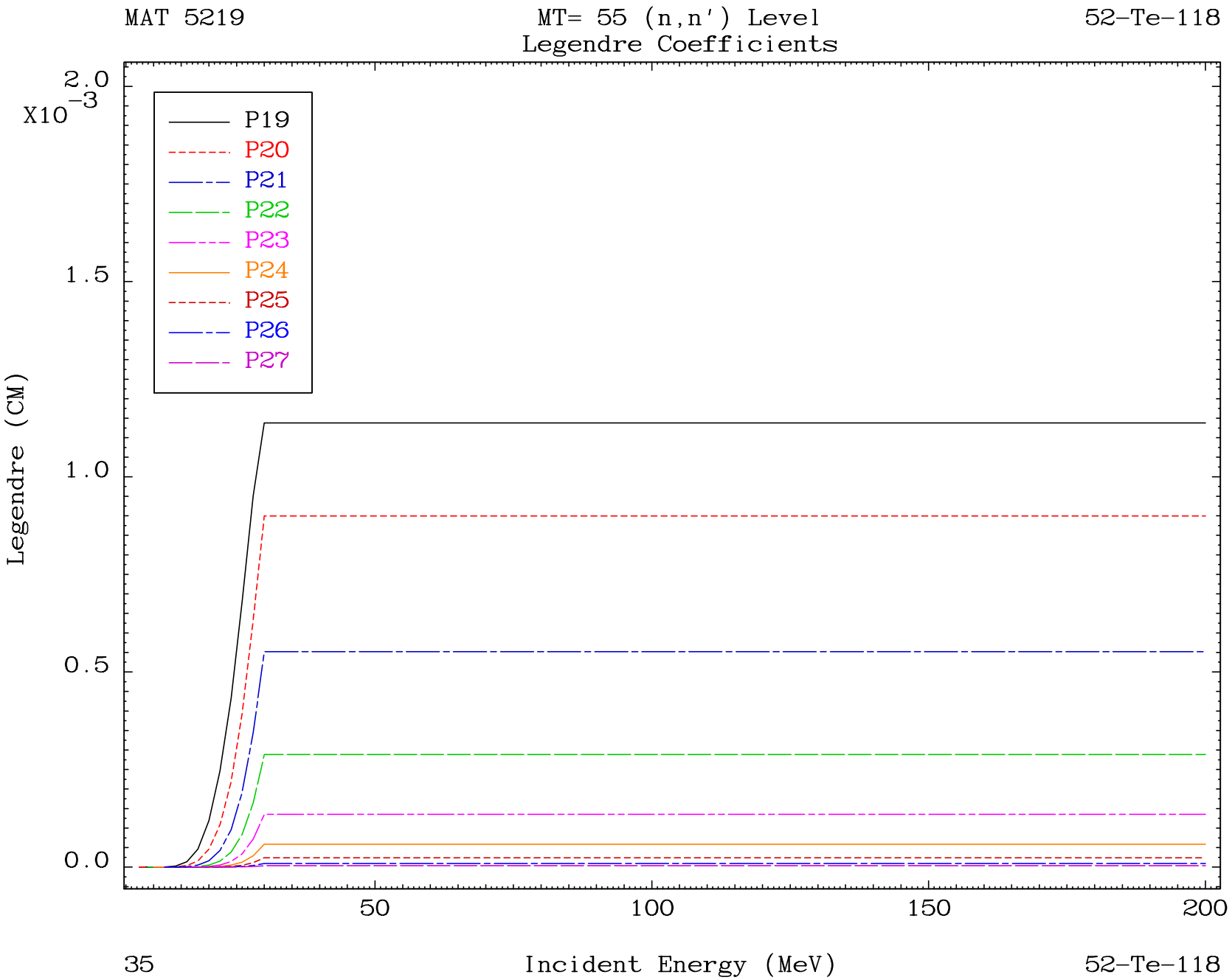

MAT 5219
MT= 54 (n,n') Level
Legendre Coefficients
52-Te-118
0.06
0.04
0.02
0.00
-0.02
-0.04
Legendre (CM)
P10
P11
P12
P13
P14
P15
P16
P17
P18
0
50
100
150
200
30
Incident Energy (MeV)
52-Te-118

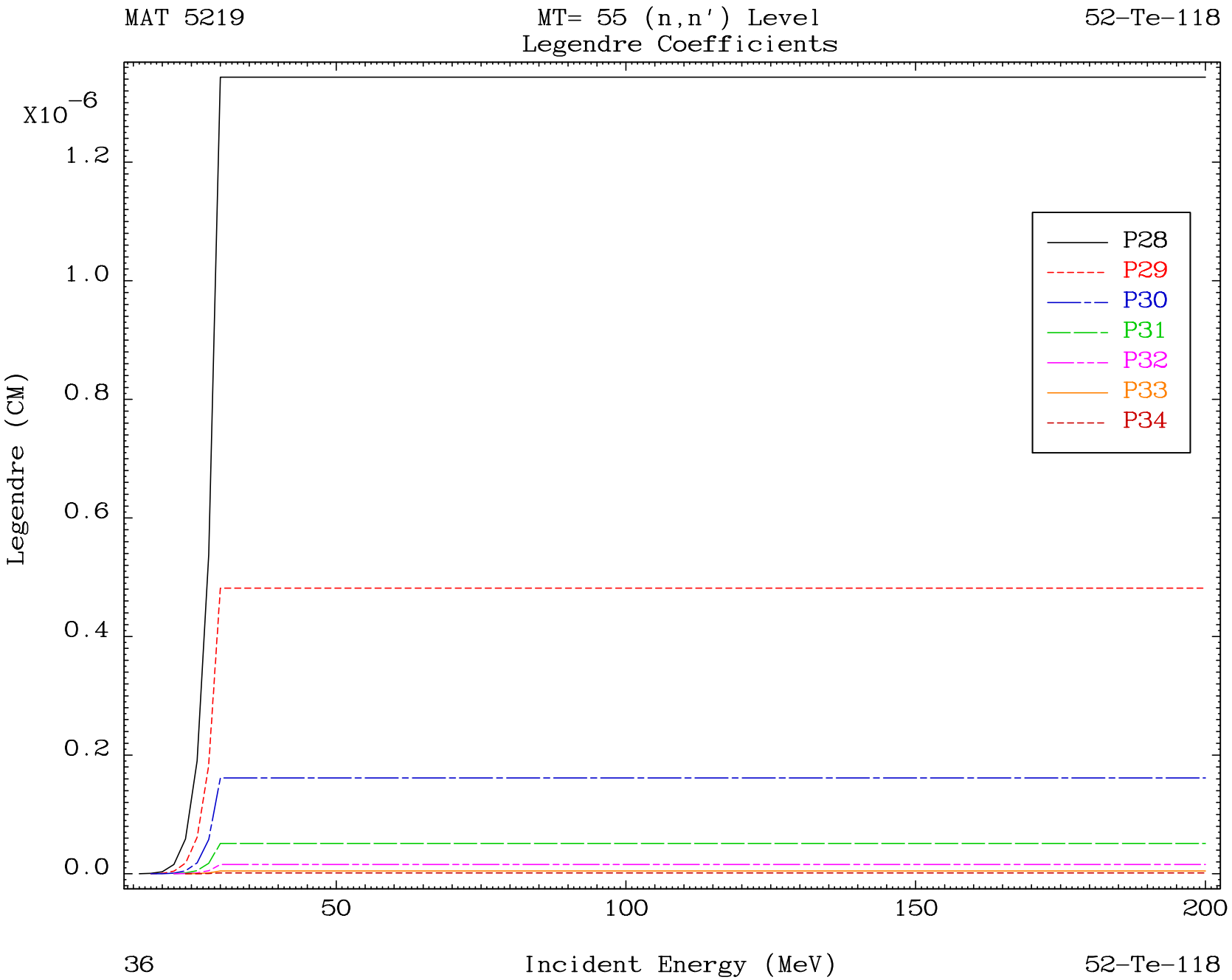

MAT 5219
MT= 54 (n,n') Level
Legendre Coefficients
52-Te-118
P19
P20
P21
P22
P23
P24
P25
P26
P27
0.006
0.004
0.002
0.000
Legendre (CM)
50
100
150
200
31
Incident Energy (MeV)
52-Te-118

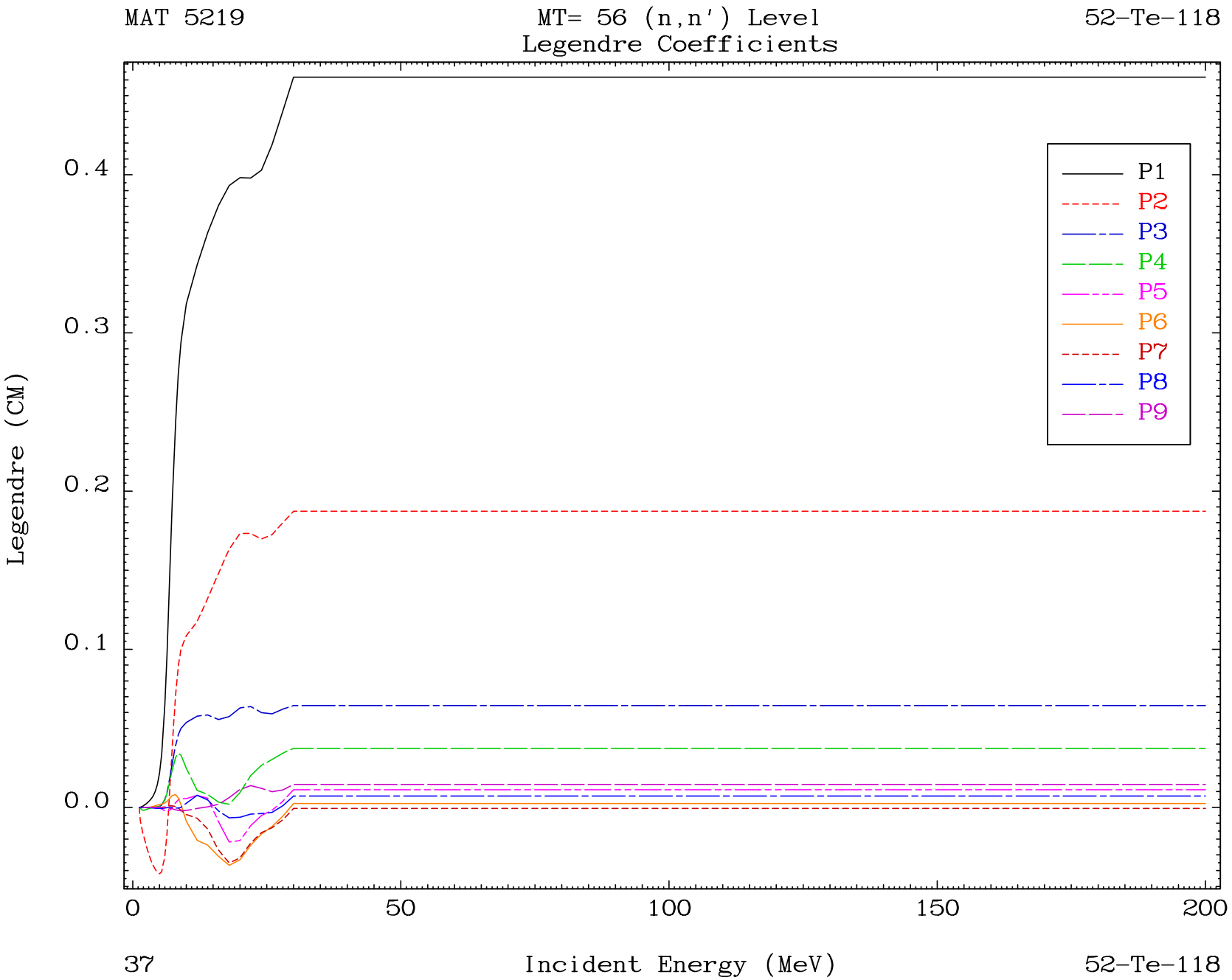

MAT 5219
MT= 54 (n,n') Level
Legendre Coefficients
52-Te-118
X10-6
2.5
2.0
1.5
1.0
0.5
0.0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
P35
P36
50
100
150
200
32
Incident Energy (MeV)
52-Te-118

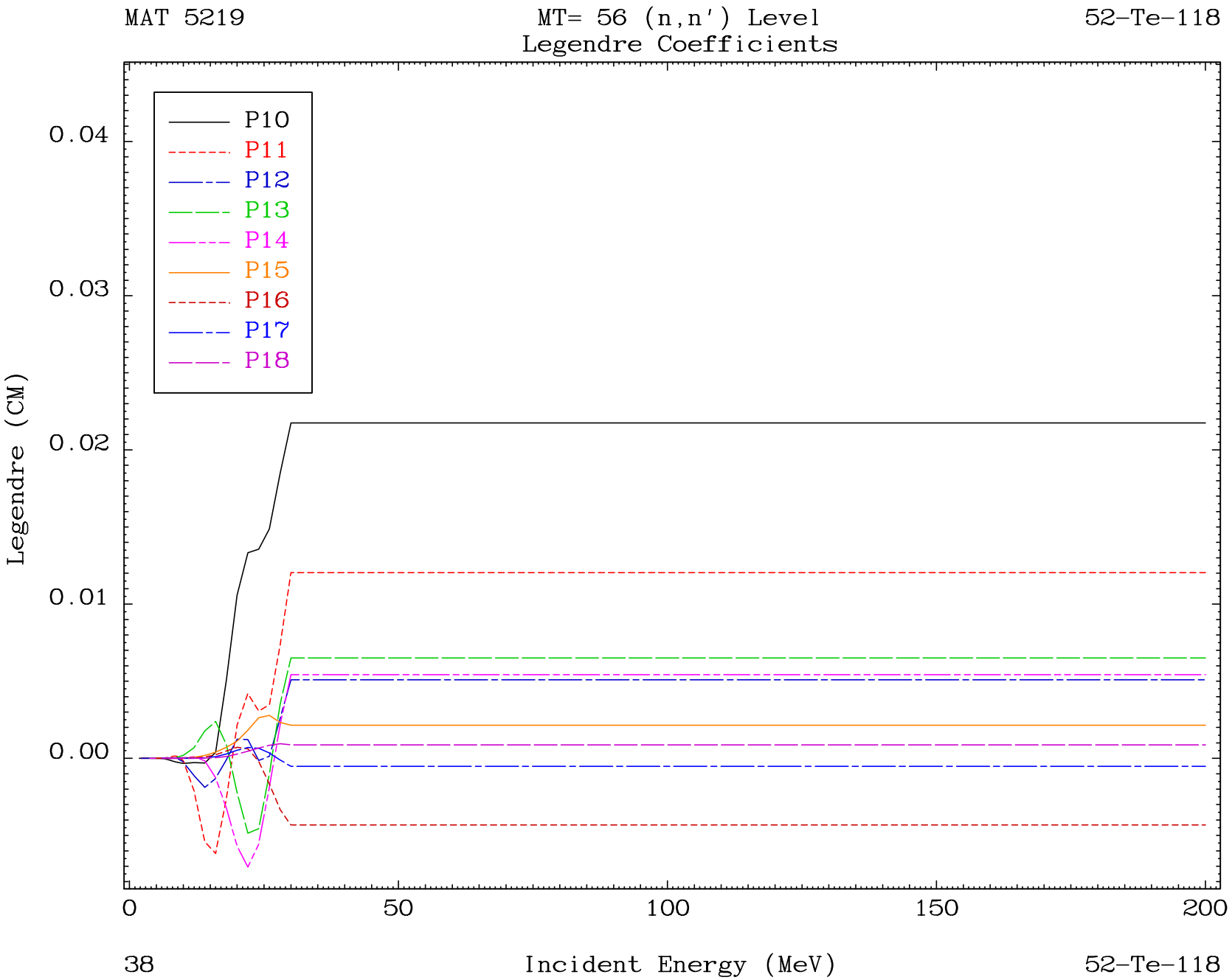

MAT 5219
MT= 55 (n,n') Level
Legendre Coefficients
52-Te-118
Legendre (CM)
0.4
0.3
0.2
0.1
0.0
0
50
100
150
200
P1
P2
P3
P4
P5
P6
P7
P8
P9
33
Incident Energy (MeV)
52-Te-118

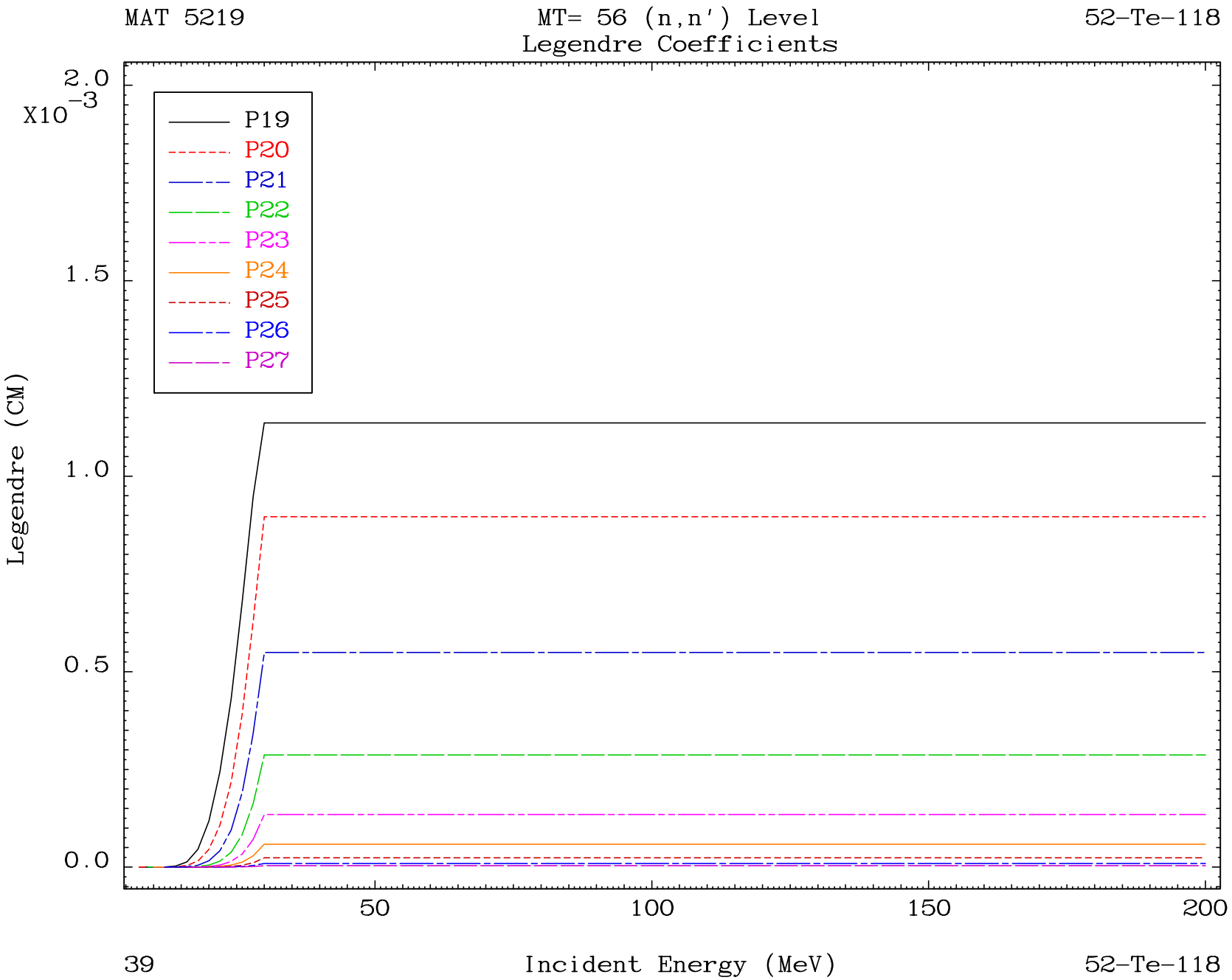

MAT 5219
MT= 55 (n,n') Level
Legendre Coefficients
52-Te-118
P10
P11
P12
P13
P14
P15
P16
P17
P18
0.04
0.03
0.02
0.01
0.00
Legendre (CM)
0
50
100
150
200
34
Incident Energy (MeV)
52-Te-118

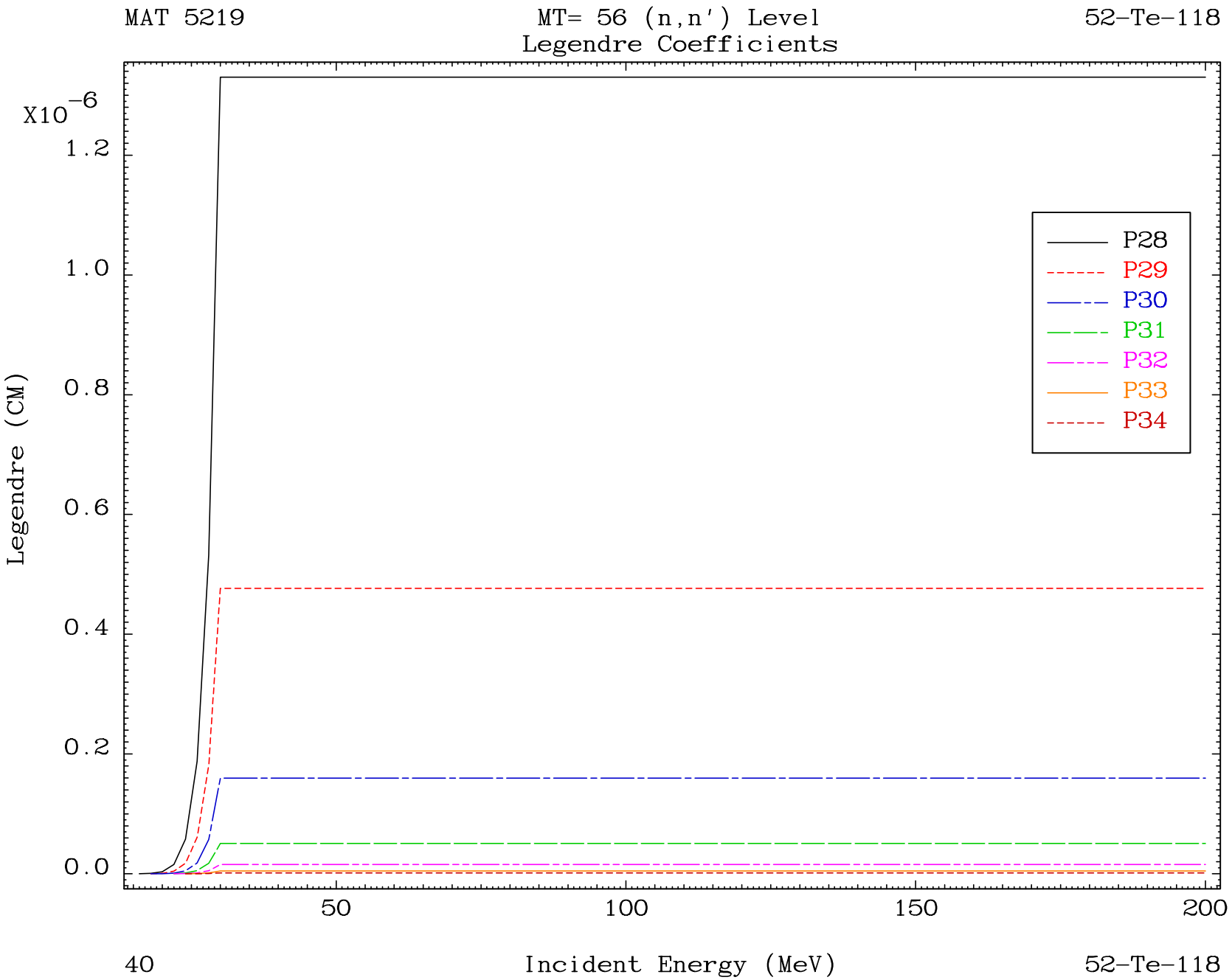

MAT 5219
MT= 55 (n,n') Level
Legendre Coefficients
52-Te-118
X10 -3
2.0
1.5
1.0
0.5
0.0
P19
P20
P21
P22
P23
P24
P25
P26
P27
Legendre (CM)
50
100
150
200
35
Incident Energy (MeV)
52-Te-118

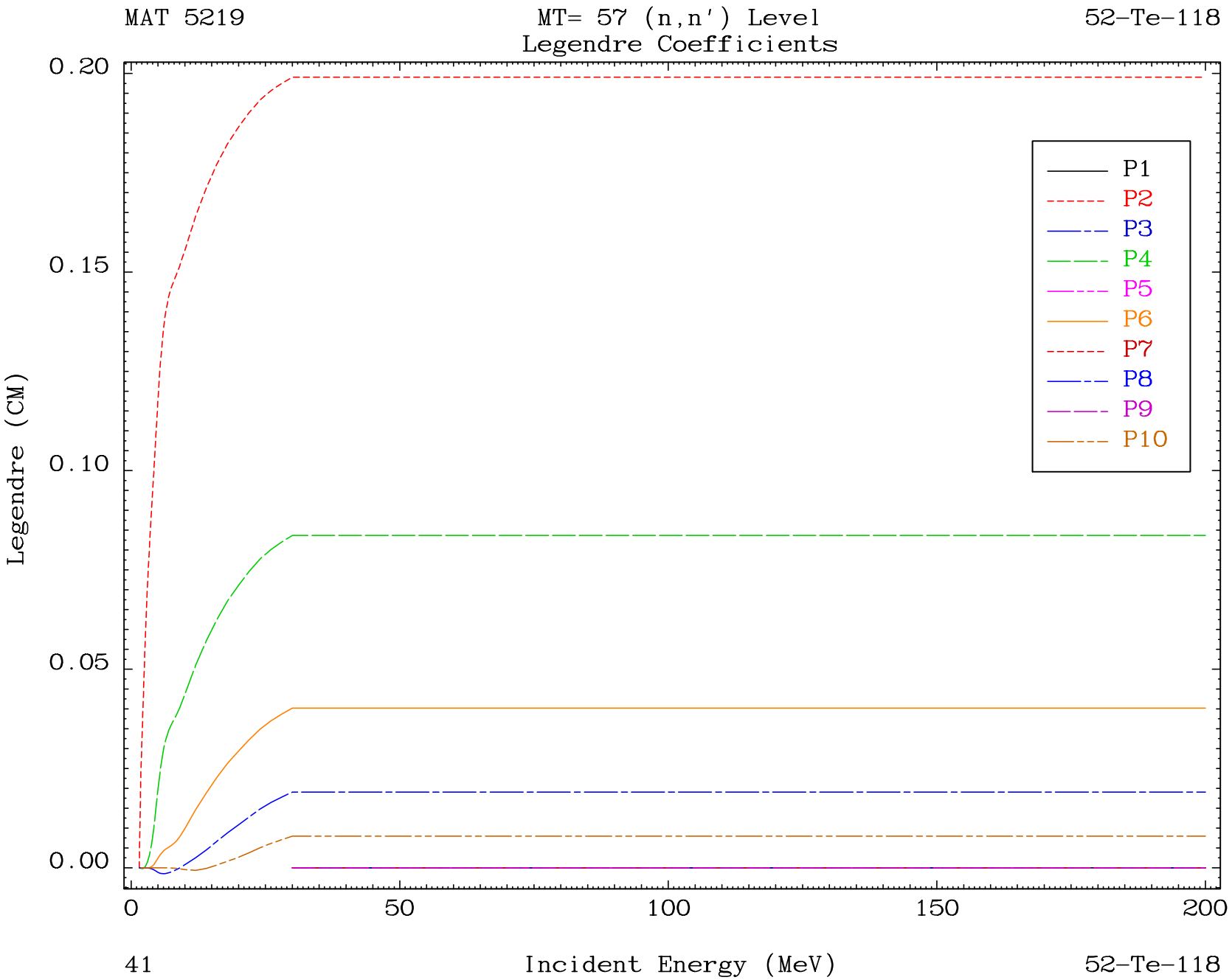

MAT 5219
MT= 55 (n,n') Level
Legendre Coefficients
52-Te-118
X10^-6
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
50
100
150
200
36
Incident Energy (MeV)
52-Te-118

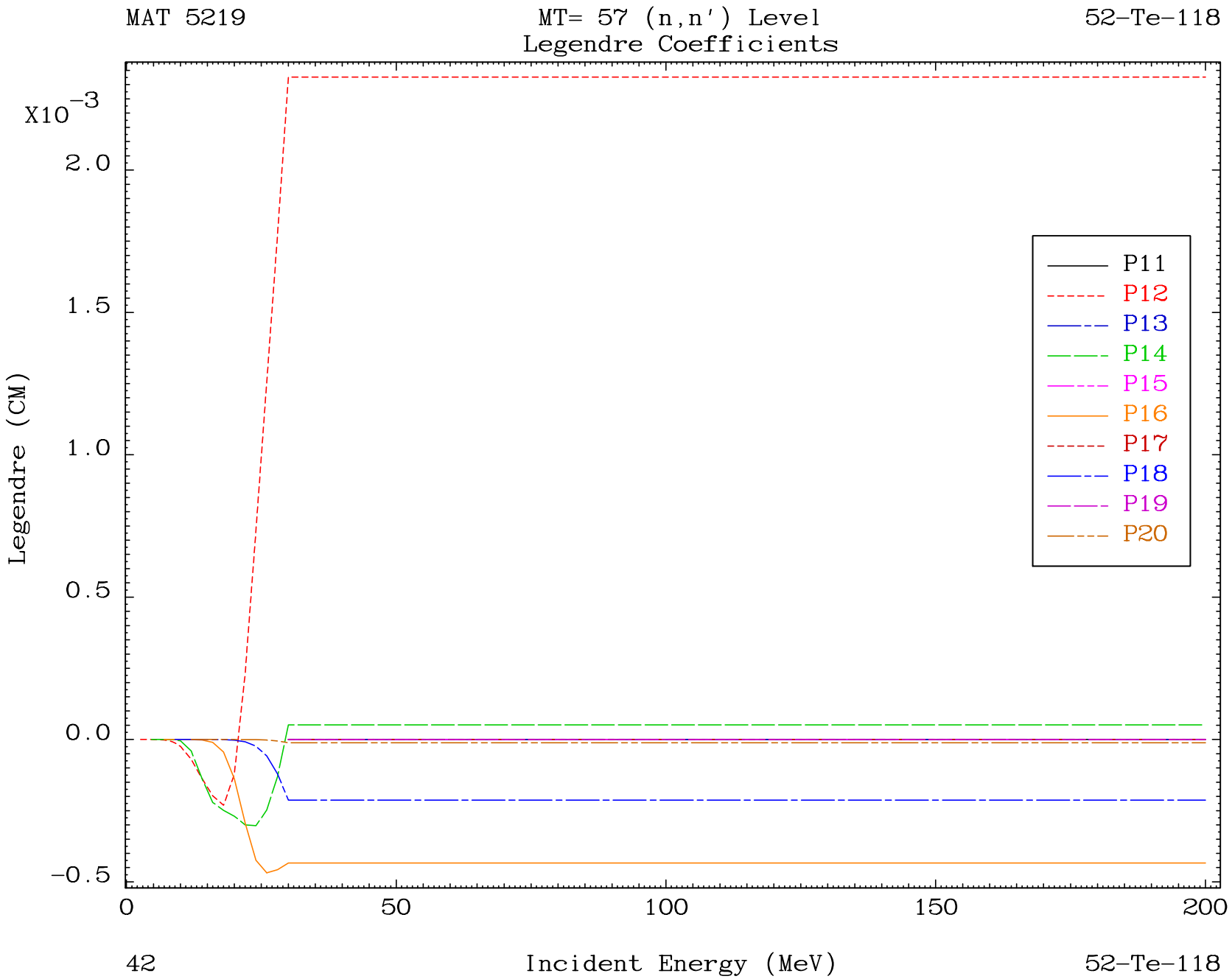

MAT 5219
MT= 56 (n,n') Level
Legendre Coefficients
52-Te-118
Legendre (CM)
0.4
0.3
0.2
0.1
0.0
P1
P2
P3
P4
P5
P6
P7
P8
P9
0
50
100
150
200
37
Incident Energy (MeV)
52-Te-118

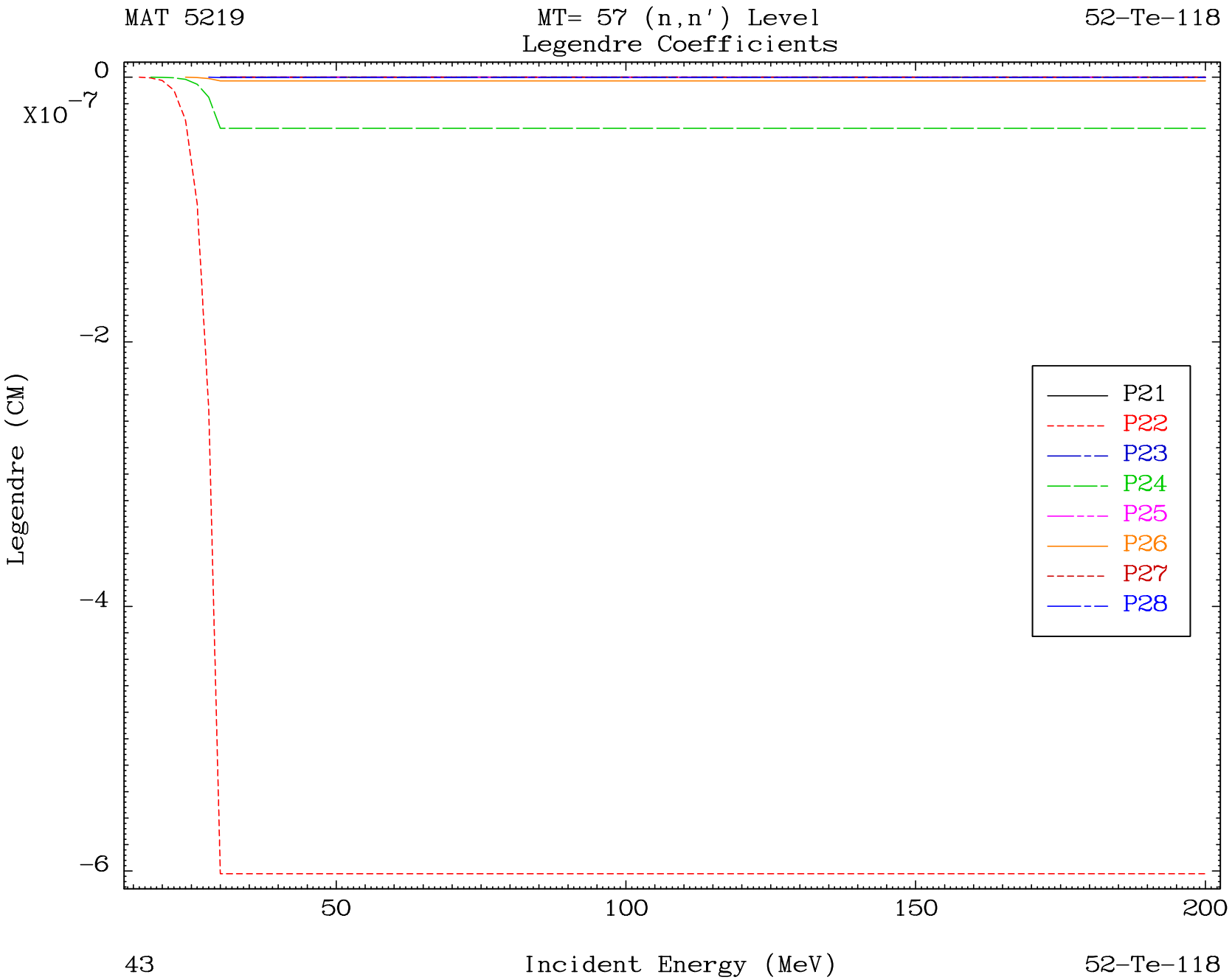

MAT 5219
MT= 56 (n,n') Level
Legendre Coefficients
52-Te-118
P10
P11
P12
P13
P14
P15
P16
P17
P18
0.04
0.03
0.02
0.01
0.00
Legendre (CM)
0
50
100
150
200
38
Incident Energy (MeV)
52-Te-118

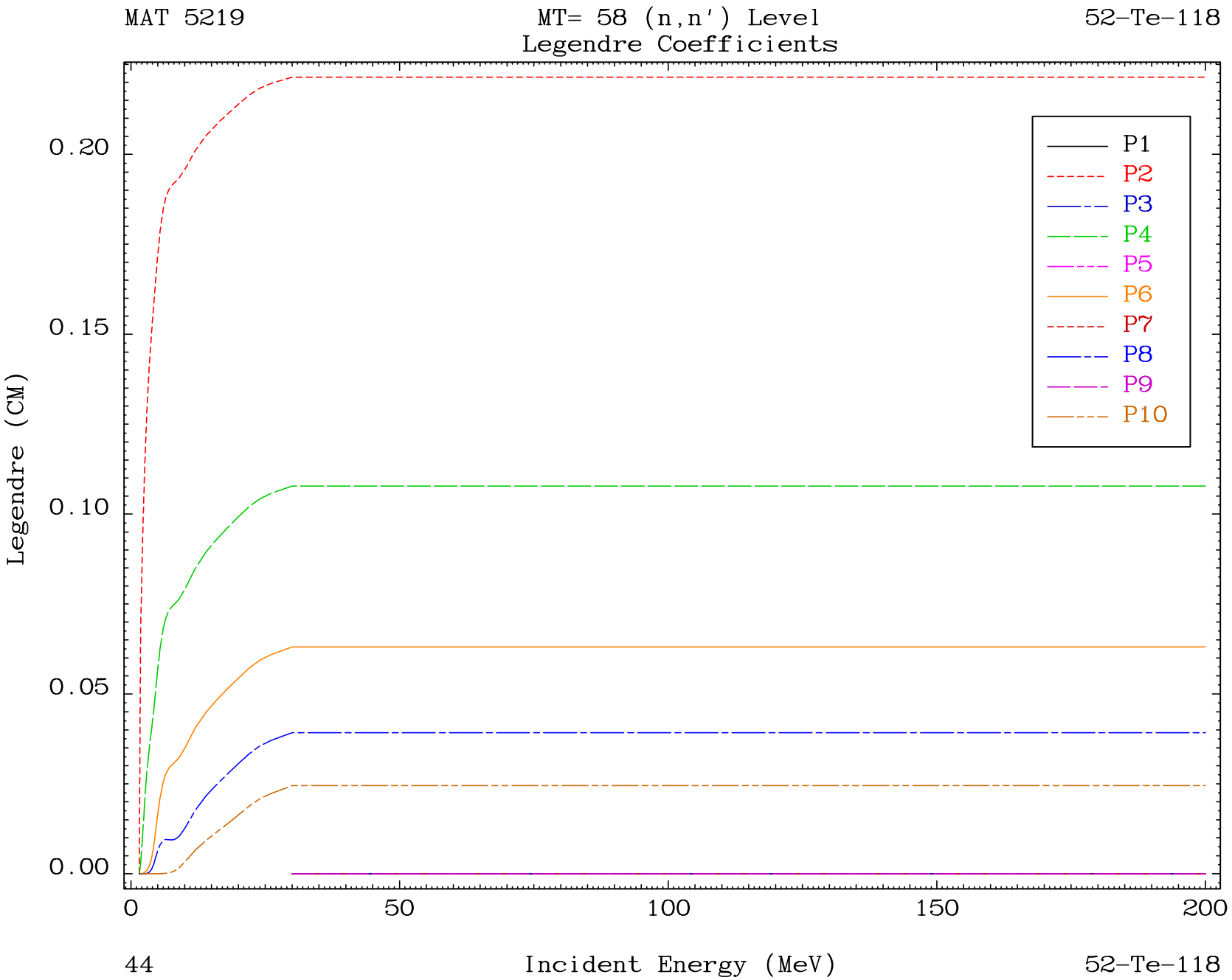

MAT 5219
MT= 56 (n,n') Level
Legendre Coefficients
52-Te-118
X10 -3
2.0
1.5
1.0
0.5
0.0
P19
P20
P21
P22
P23
P24
P25
P26
P27
Legendre (CM)
50
100
150
200
39
Incident Energy (MeV)
52-Te-118

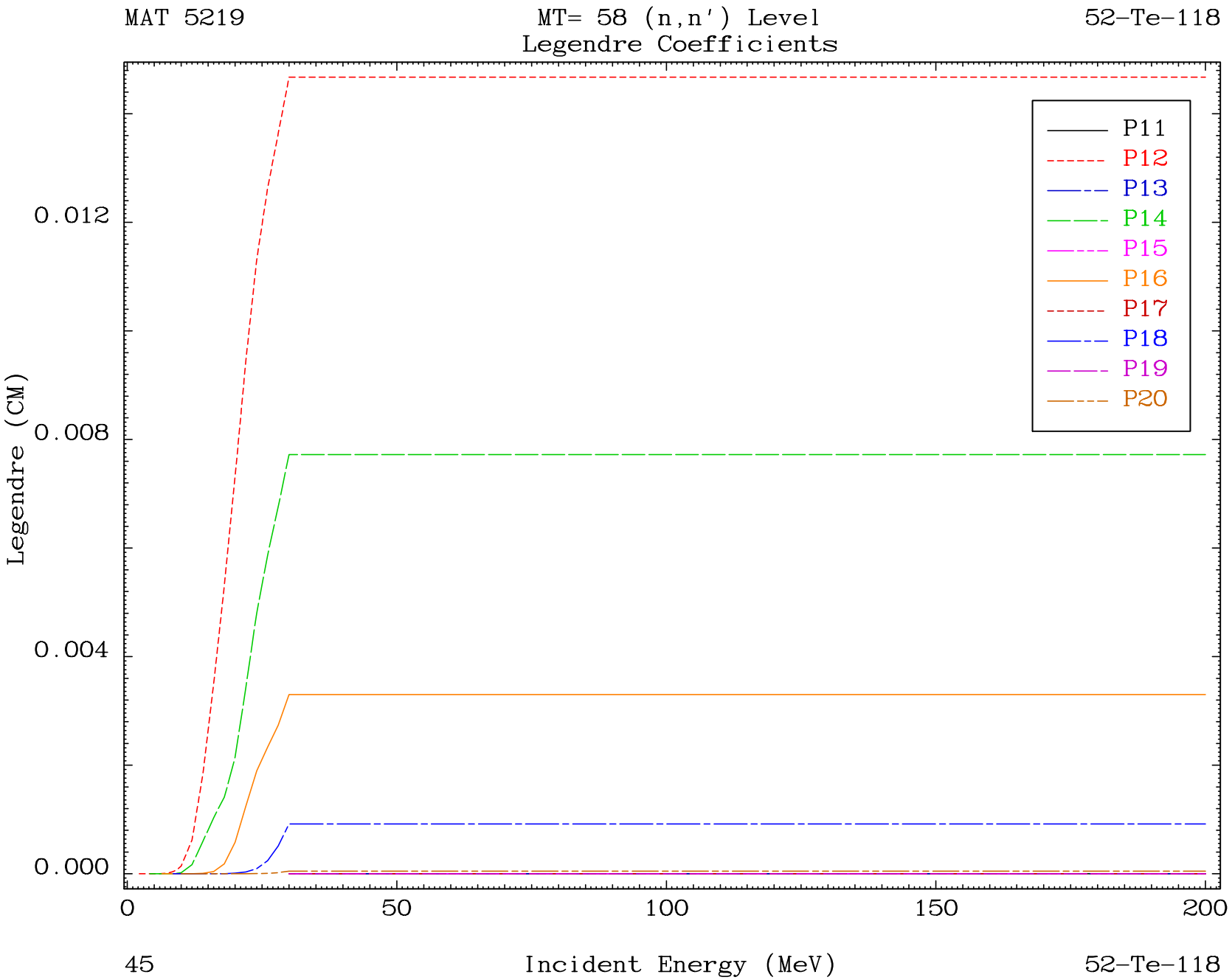

MAT 5219
MT= 56 (n,n') Level
Legendre Coefficients
52-Te-118
X10^-6
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
40
50
100
150
200
Incident Energy (MeV)
52-Te-118

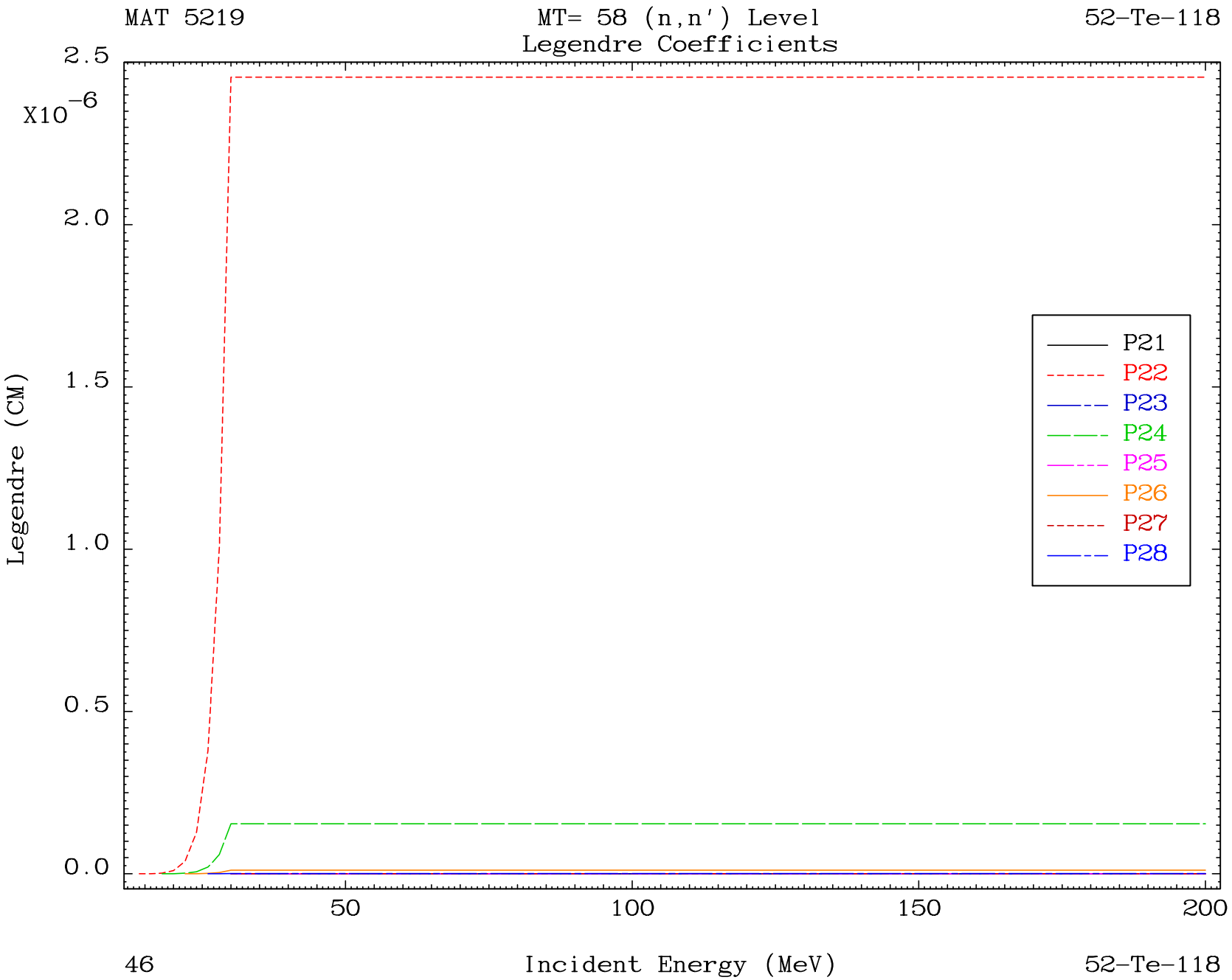

MAT 5219
MT= 57 (n,n') Level
Legendre Coefficients
52-Te-118
0.20
0.15
0.10
0.05
0.00
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10
0
50
100
150
200
41
Incident Energy (MeV)
52-Te-118

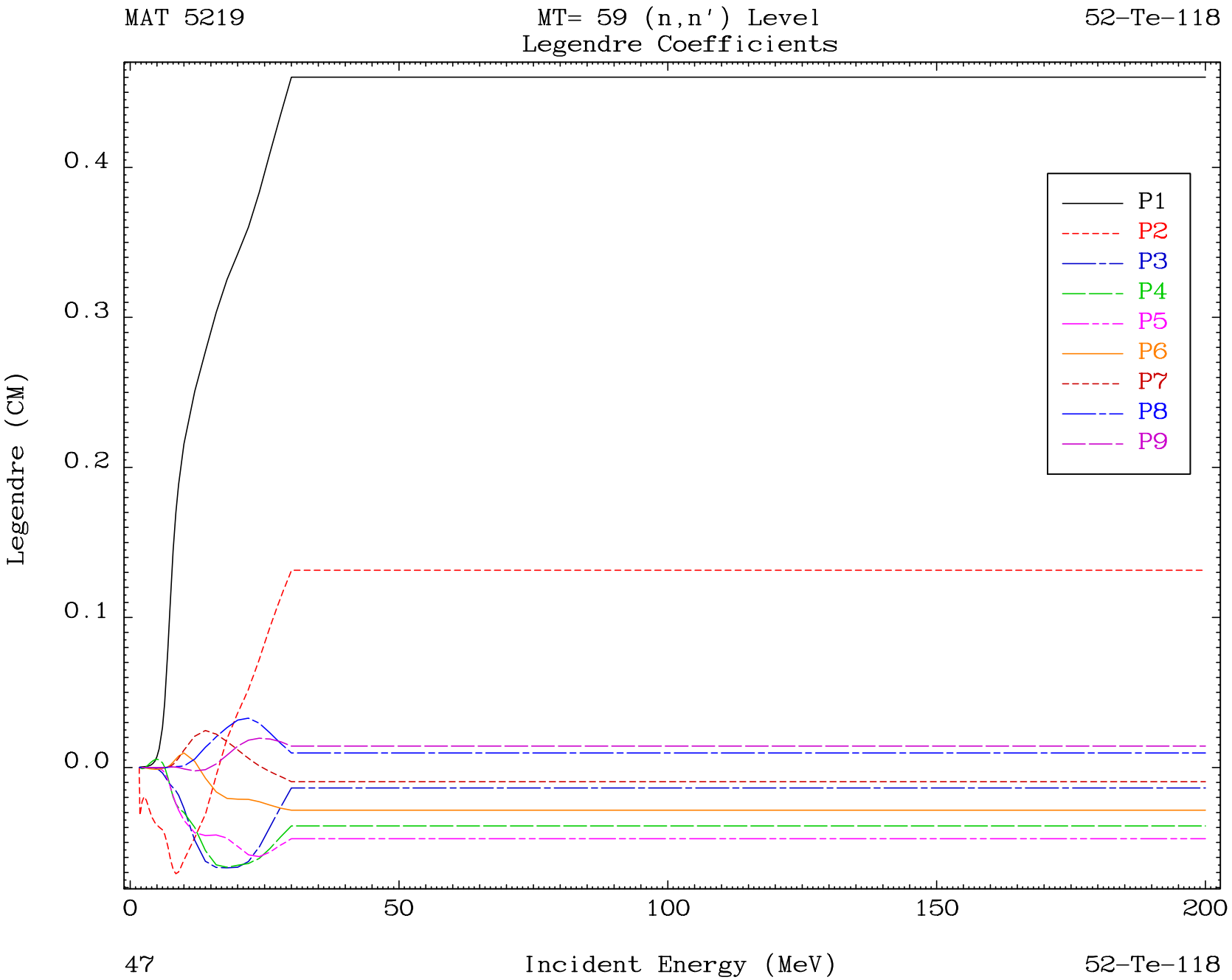

MAT 5219
MT= 57 (n,n') Level
Legendre Coefficients
52-Te-118
X10^-3
2.0
1.5
1.0
0.5
0.0
-0.5
Legendre (CM)
0
50
100
150
200
Incident Energy (MeV)
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20

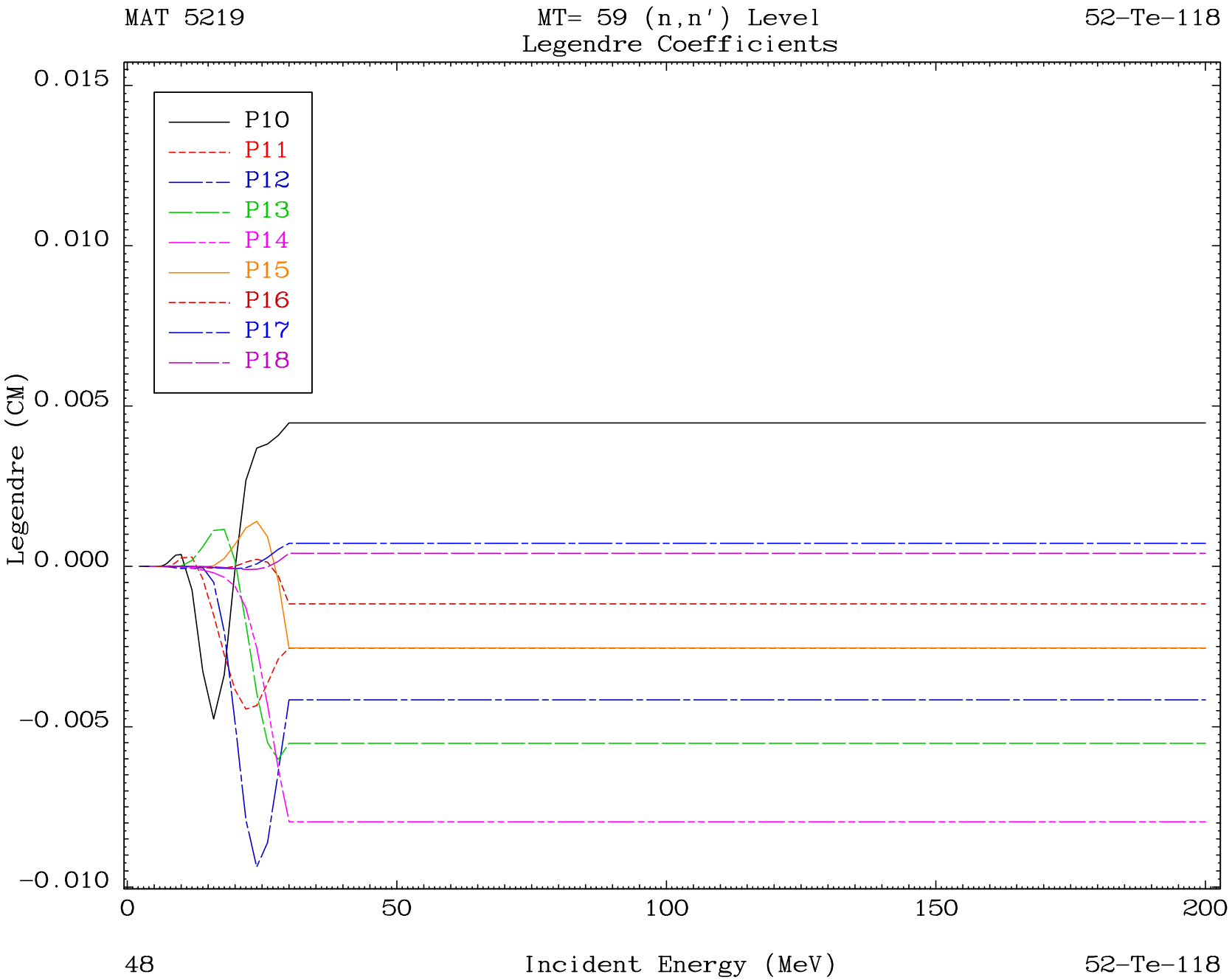

MAT 5219
MT= 57 (n,n') Level
Legendre Coefficients
52-Te-118
0
X10-7
-2
-4
-6
Legendre (CM)
P21
P22
P23
P24
P25
P26
P27
P28
50
100
150
200
43
Incident Energy (MeV)
52-Te-118

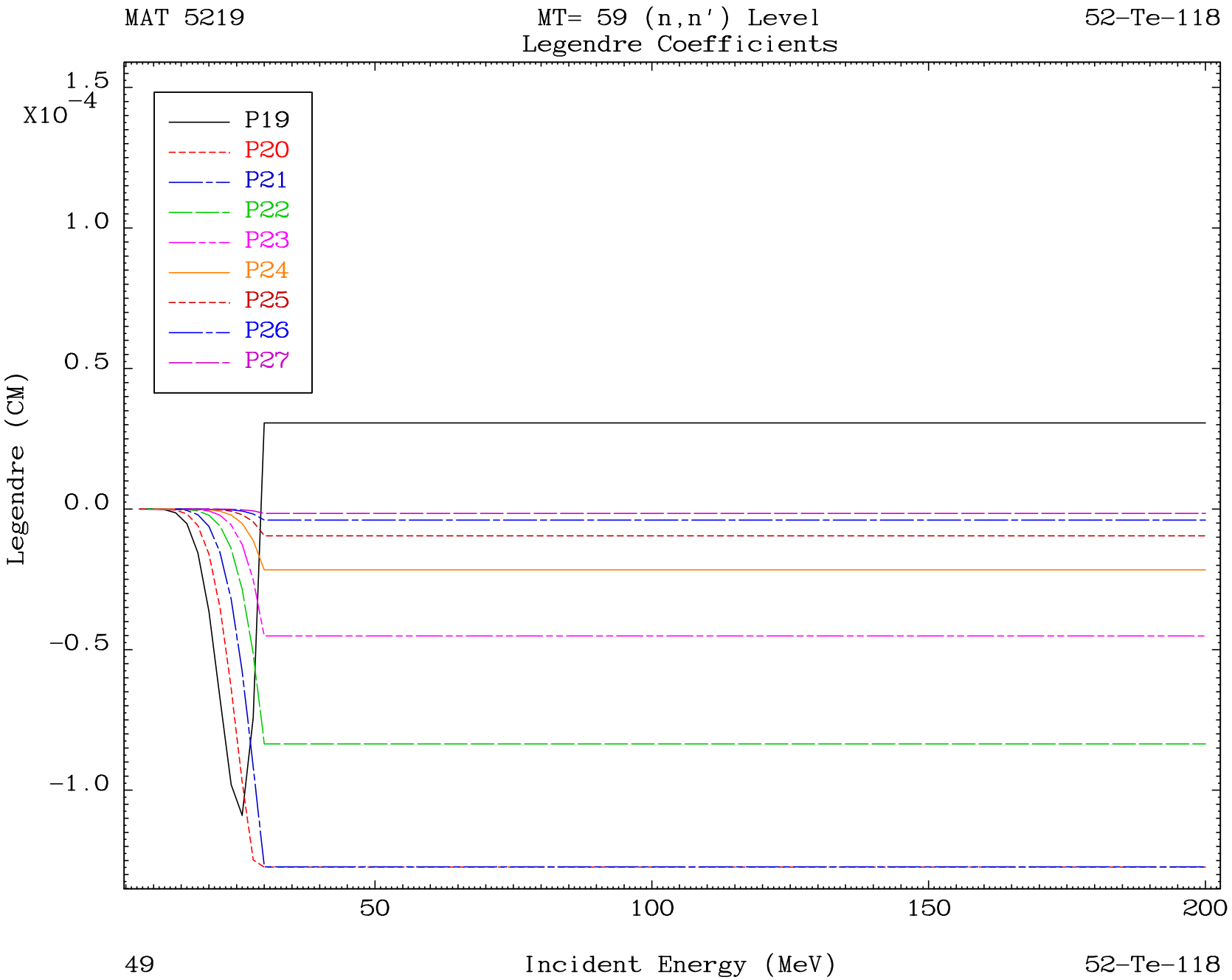

MAT 5219
MT= 58 (n,n') Level
Legendre Coefficients
52-Te-118
Legendre (CM)
0.20
0.15
0.10
0.05
0.00
0
50
100
150
200
Incident Energy (MeV)
44
52-Te-118
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10

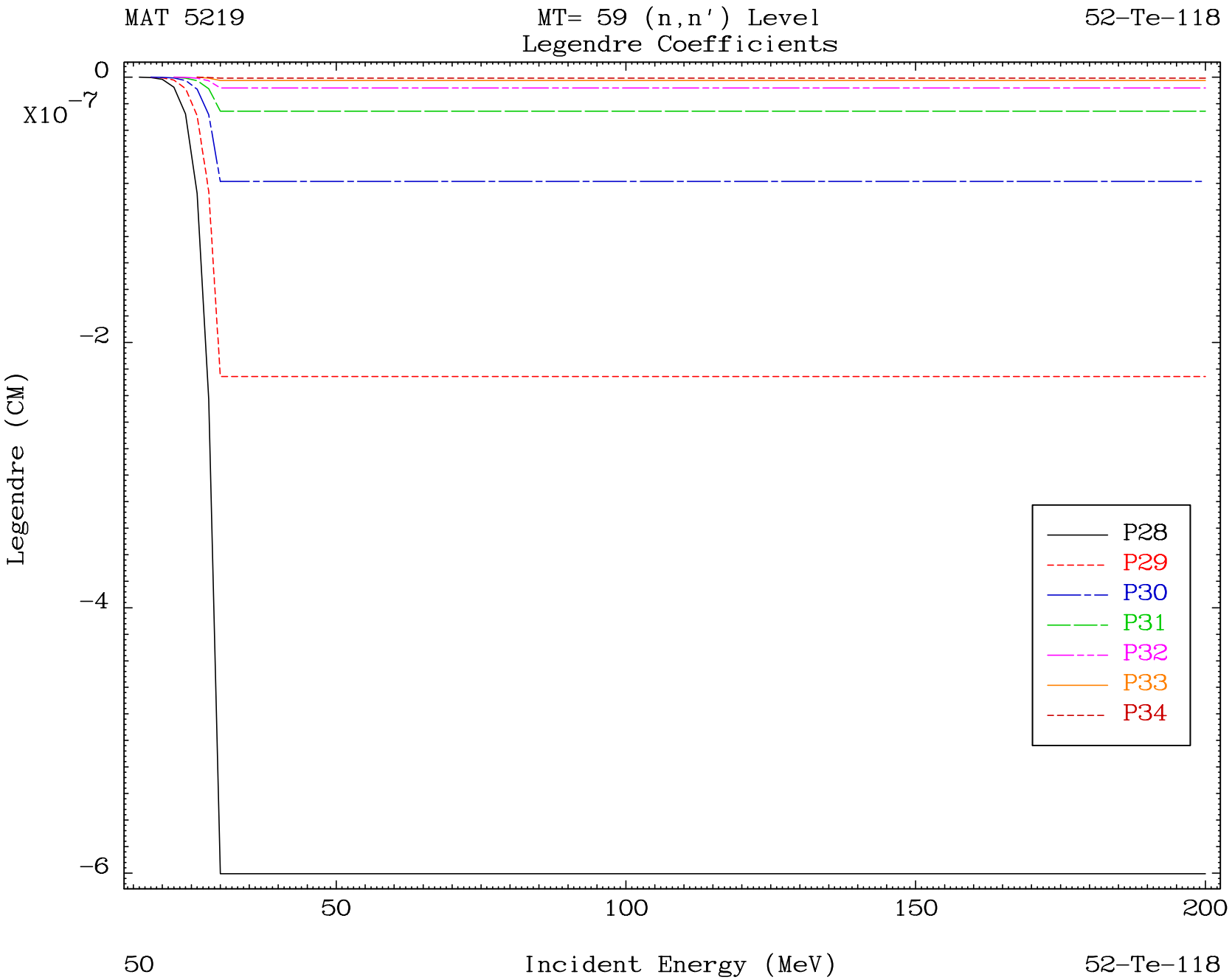

MAT 5219
MT= 58 (n,n') Level
Legendre Coefficients
52-Te-118
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20
0.012
0.008
0.004
0.000
Legendre (CM)
0
50
100
150
200
45
Incident Energy (MeV)
52-Te-118

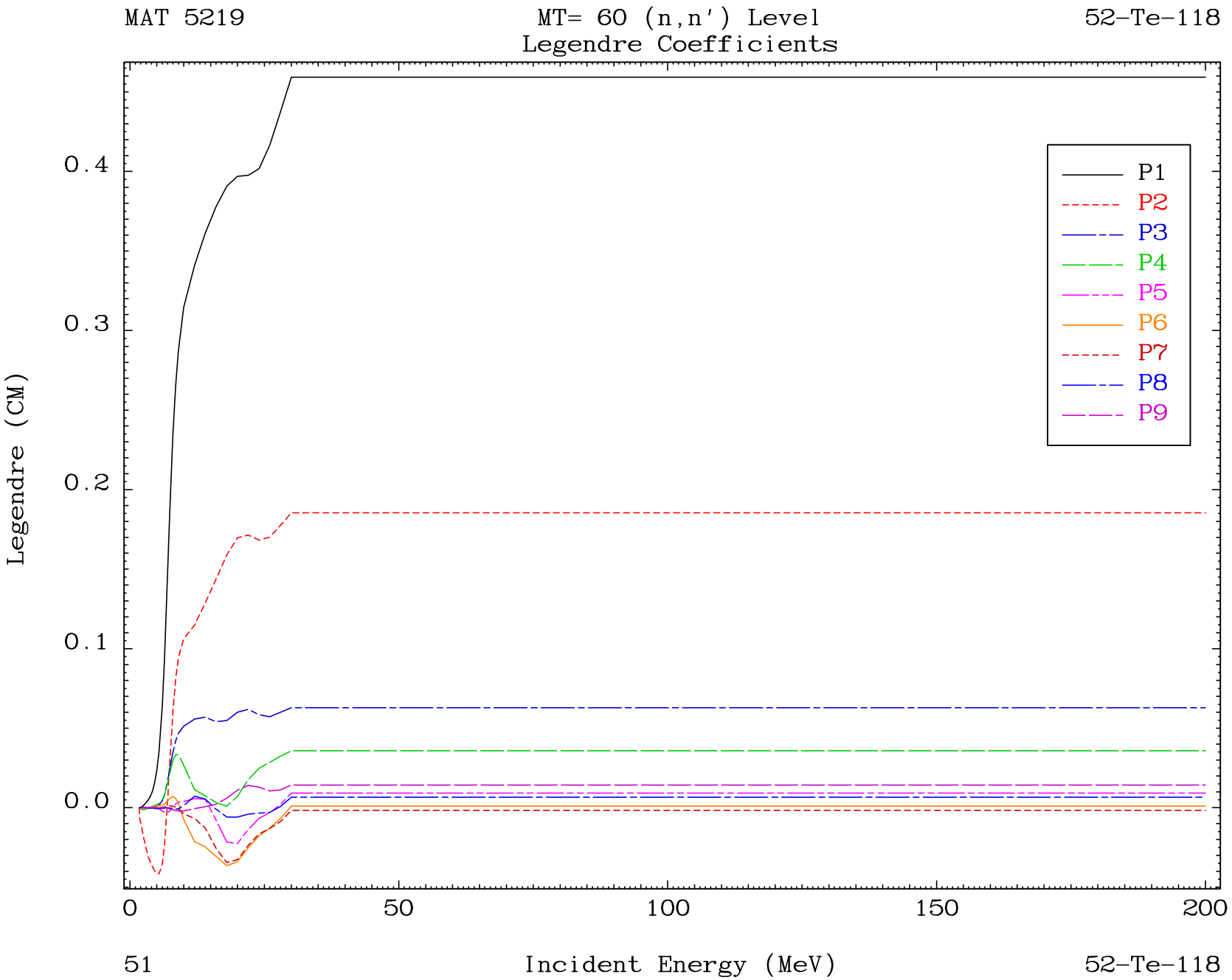

MAT 5219
MT= 58 (n,n') Level
Legendre Coefficients
52-Te-118
X10^-6
2.5
2.0
1.5
1.0
0.5
0.0
Legendre (CM)
50
100
150
200
Incident Energy (MeV)
46
52-Te-118
P21
P22
P23
P24
P25
P26
P27
P28

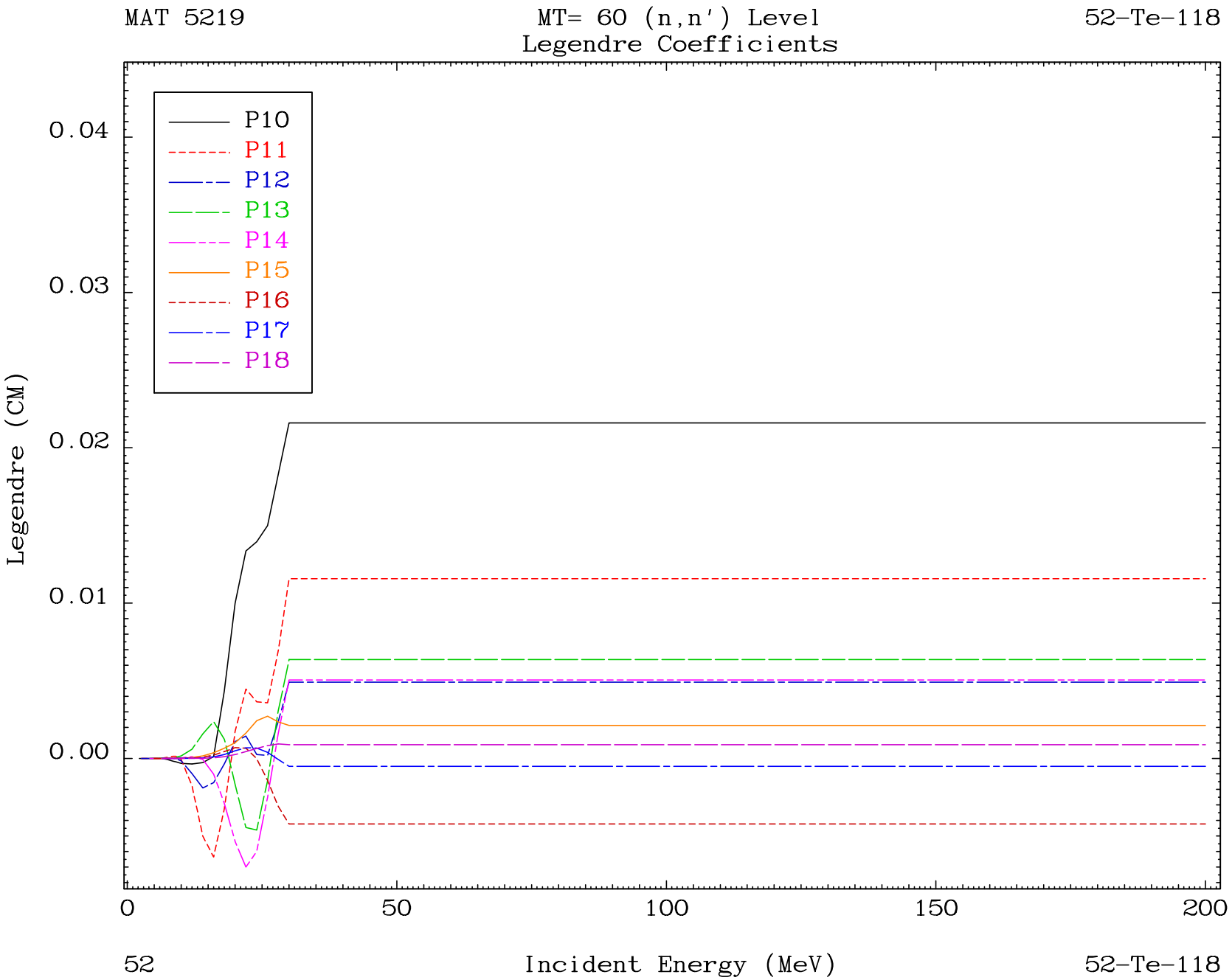

MAT 5219
MT= 59 (n,n') Level
Legendre Coefficients
52-Te-118
Legendre (CM)
0.4
0.3
0.2
0.1
0.0
0
50
100
150
200
P1
P2
P3
P4
P5
P6
P7
P8
P9
47
Incident Energy (MeV)
52-Te-118

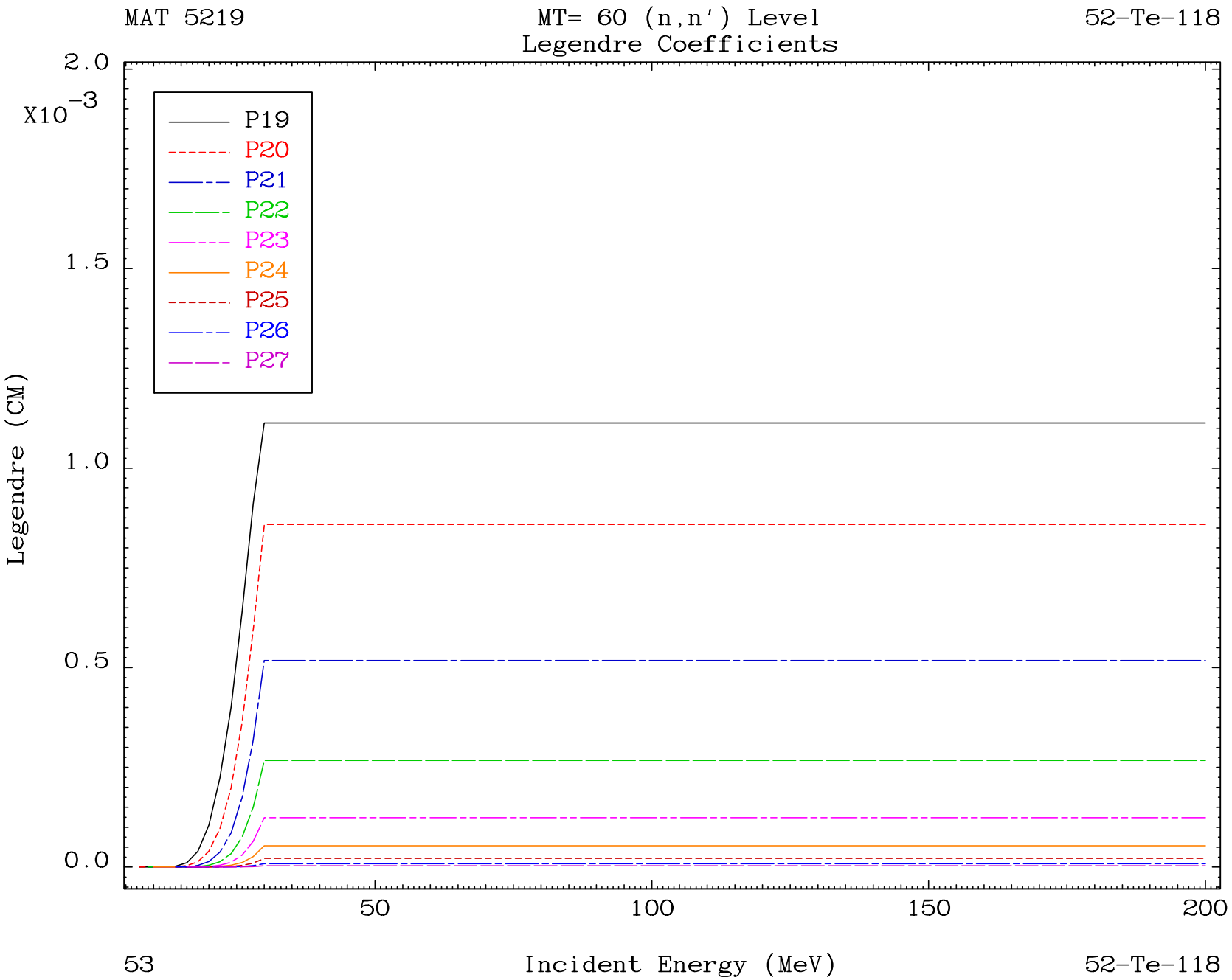

MAT 5219
MT= 59 (n,n') Level
Legendre Coefficients
52-Te-118
P10
P11
P12
P13
P14
P15
P16
P17
P18
0.015
0.010
0.005
0.000
-0.005
-0.010
Legendre (CM)
0
50
100
150
200
48
Incident Energy (MeV)
52-Te-118

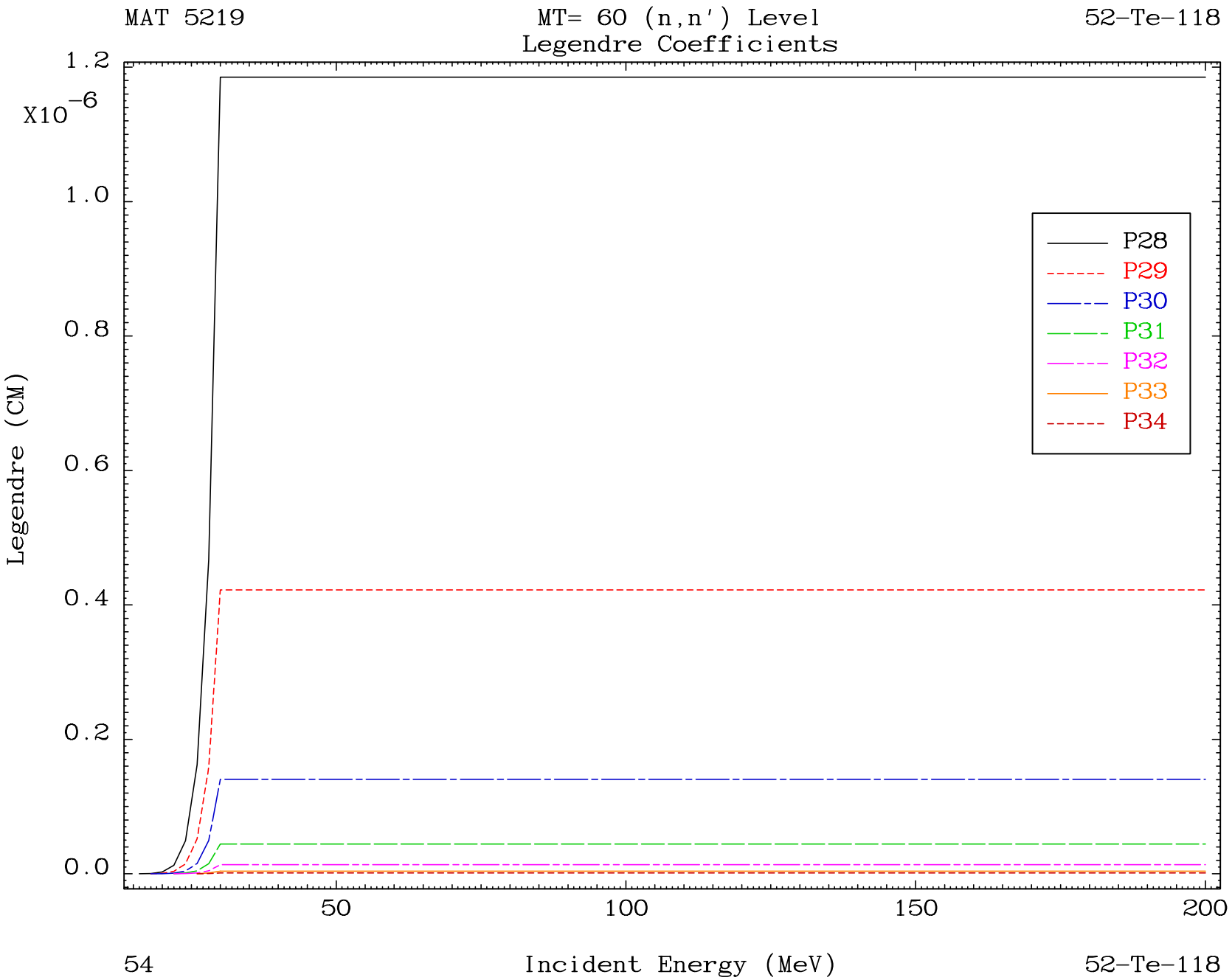

MAT 5219
MT= 59 (n,n') Level
Legendre Coefficients
52-Te-118
X10 −4
1.5
1.0
0.5
0.0
−0.5
−1.0
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
P27
50
100
150
200
49
Incident Energy (MeV)
52-Te-118

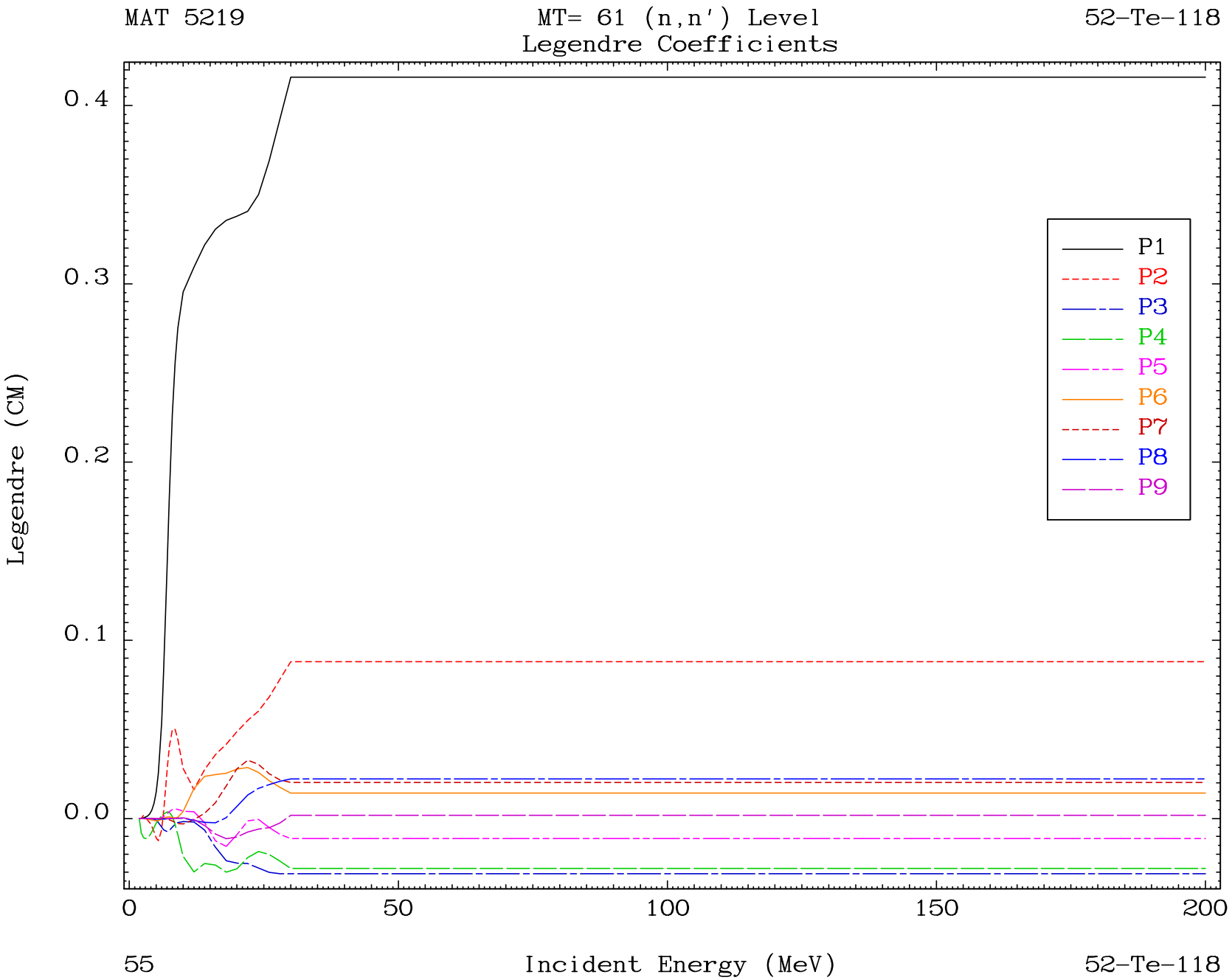

MAT 5219
MT= 59 (n,n') Level
Legendre Coefficients
52-Te-118
0
X10^-7
-2
-4
-6
Legendre (CM)
50
100
150
200
50
Incident Energy (MeV)
52-Te-118
P28
P29
P30
P31
P32
P33
P34

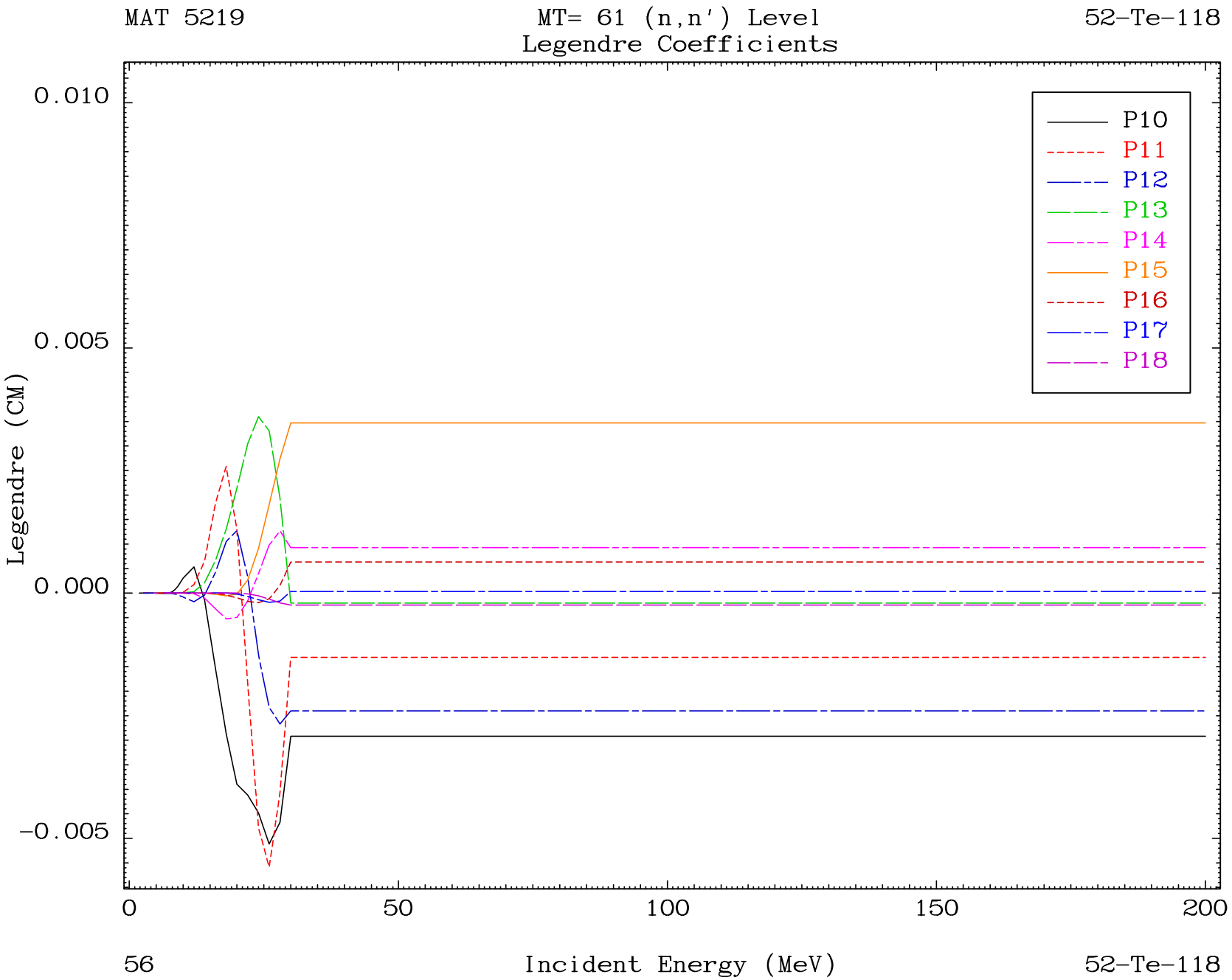

MAT 5219
MT= 60 (n,n') Level
Legendre Coefficients
52-Te-118
Legendre (CM)
0.4
0.3
0.2
0.1
0.0
0
50
100
150
200
51
Incident Energy (MeV)
52-Te-118
P1
P2
P3
P4
P5
P6
P7
P8
P9

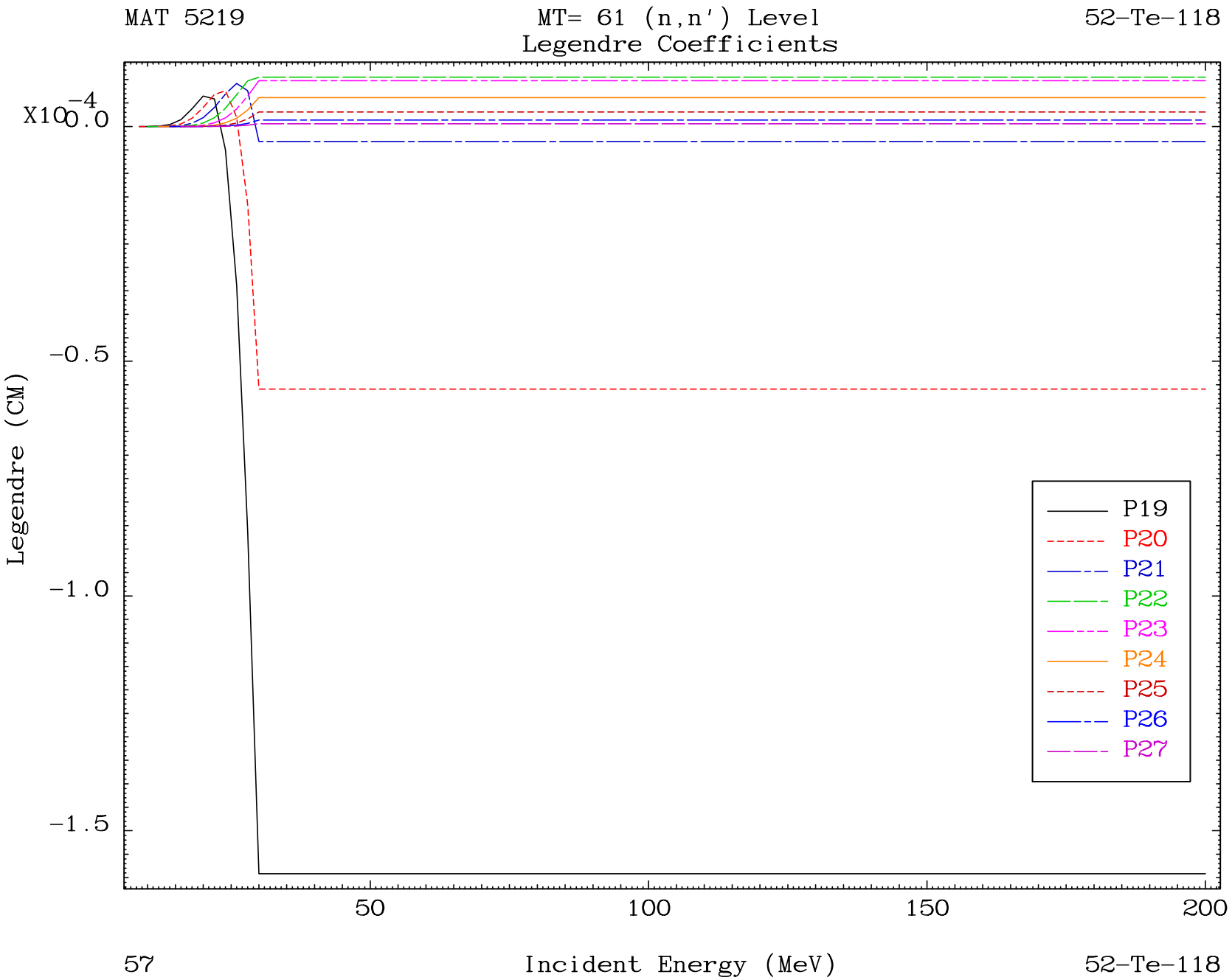

MAT 5219
MT= 60 (n,n') Level
Legendre Coefficients
52-Te-118
P10
P11
P12
P13
P14
P15
P16
P17
P18
0.04
0.03
0.02
0.01
0.00
Legendre (CM)
0
50
100
150
200
52
Incident Energy (MeV)
52-Te-118

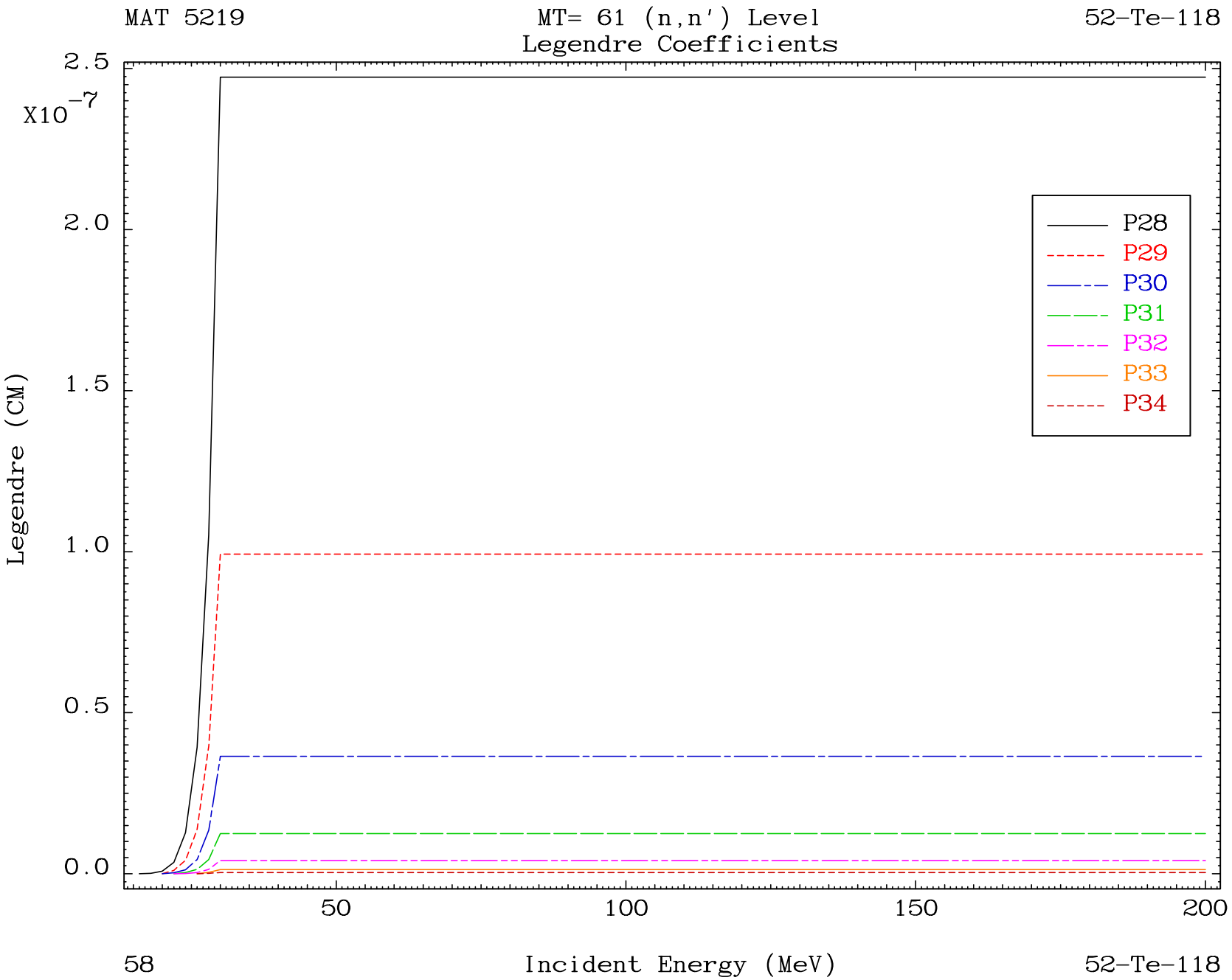

MAT 5219
MT= 60 (n,n') Level
Legendre Coefficients
52-Te-118
X10^-3
2.0
1.5
1.0
0.5
0.0
P19
P20
P21
P22
P23
P24
P25
P26
P27
Legendre (CM)
50
100
150
200
53
Incident Energy (MeV)
52-Te-118

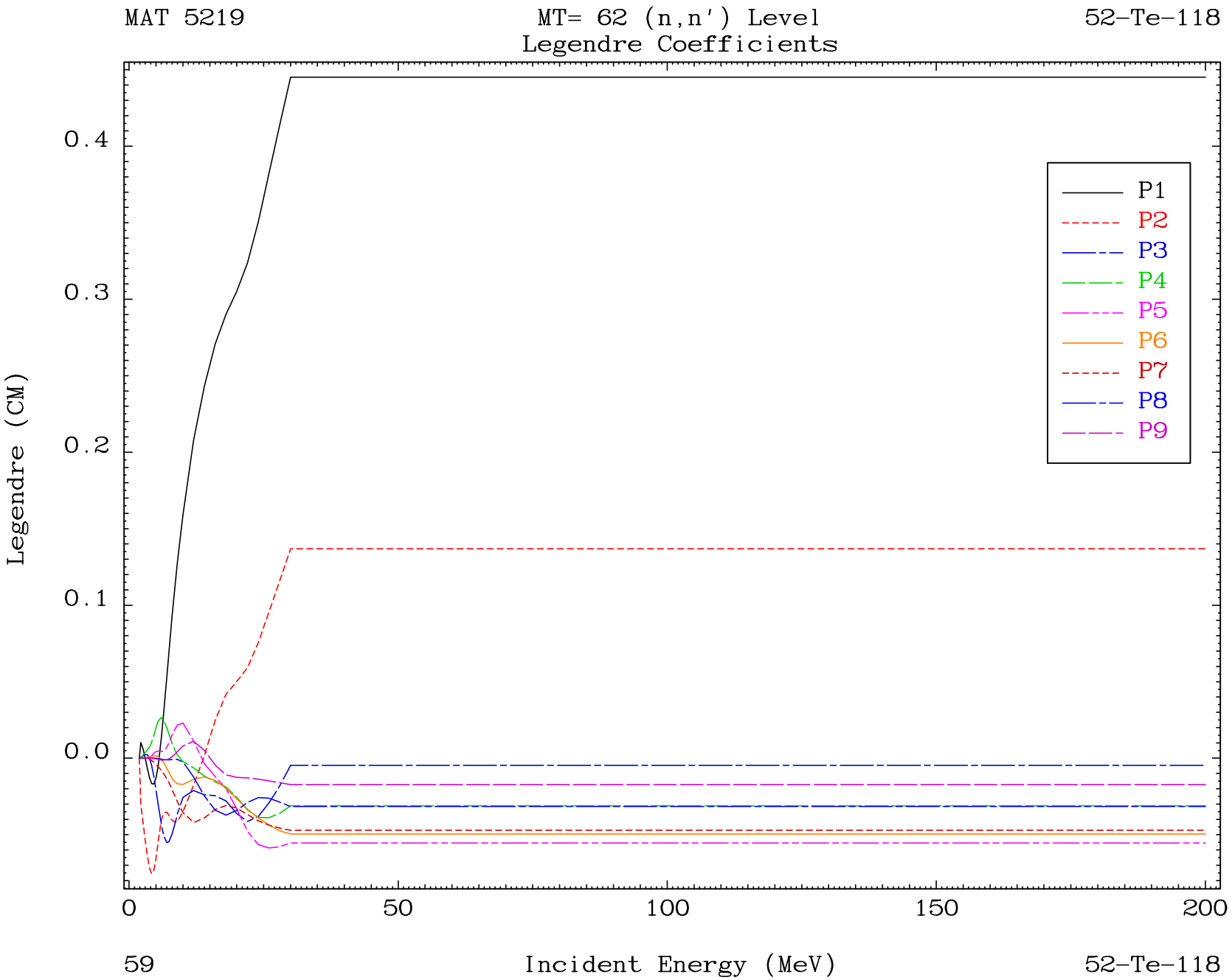

MAT 5219
MT= 60 (n,n') Level
Legendre Coefficients
52-Te-118
X10 −6
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
50
100
150
200
54
Incident Energy (MeV)
52-Te-118

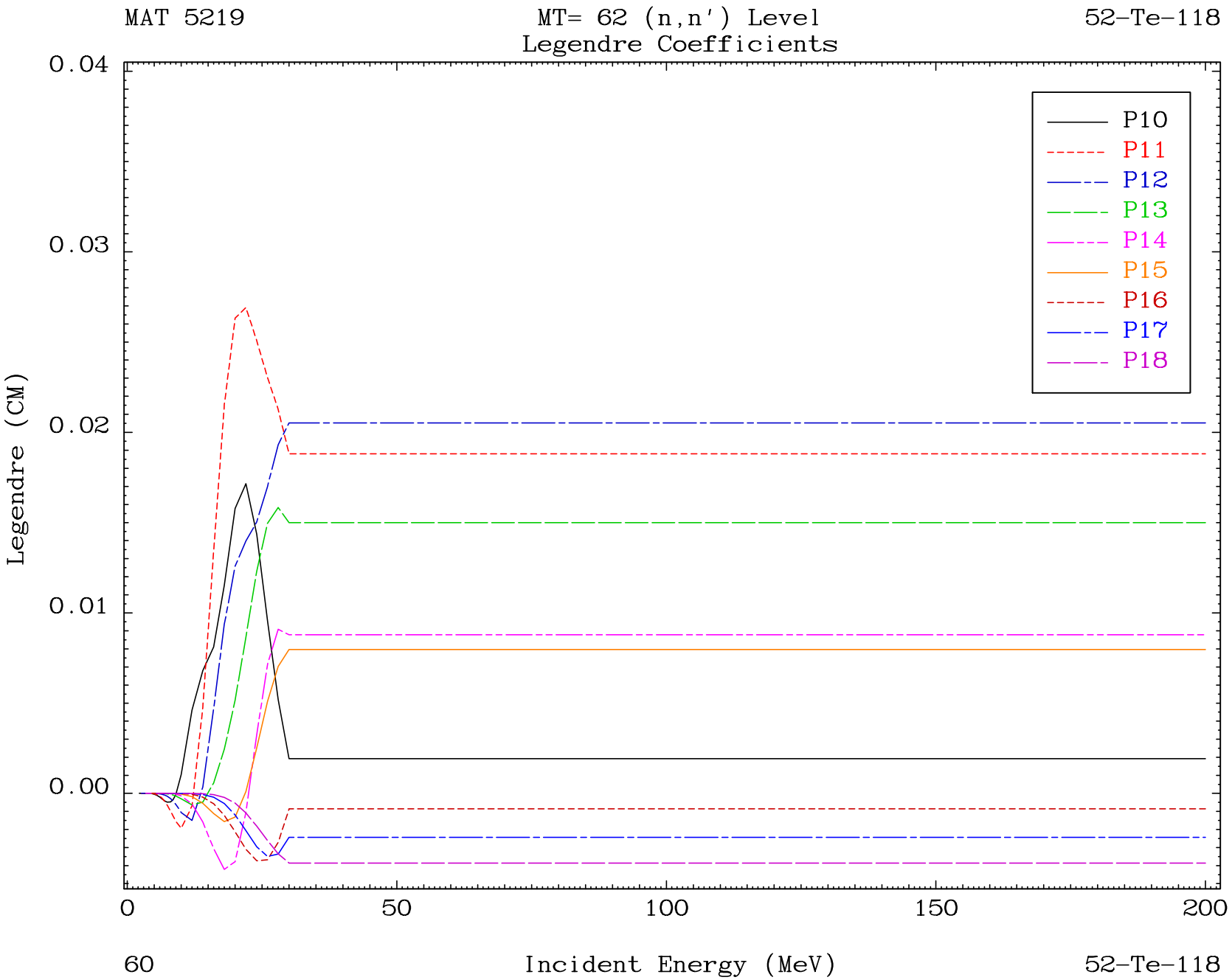

MAT 5219
MT= 61 (n,n') Level
Legendre Coefficients
52-Te-118
Legendre (CM)
0.4
0.3
0.2
0.1
0.0
0
50
100
150
200
P1
P2
P3
P4
P5
P6
P7
P8
P9
55
Incident Energy (MeV)
52-Te-118

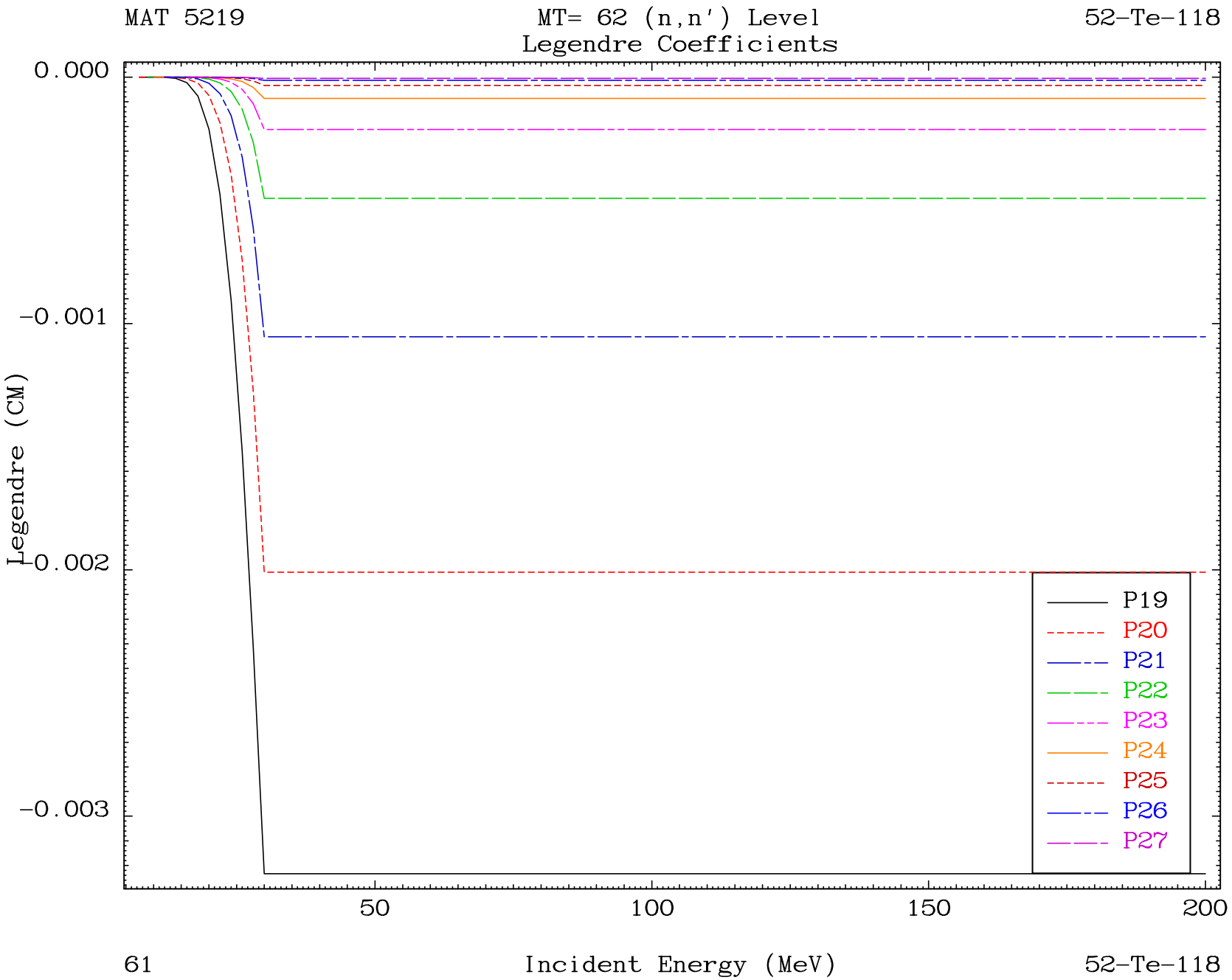

MAT 5219
MT= 61 (n,n') Level
Legendre Coefficients
52-Te-118
0.010
0.005
0.000
-0.005
Legendre (CM)
P10
P11
P12
P13
P14
P15
P16
P17
P18
0
50
100
150
200
56
Incident Energy (MeV)
52-Te-118

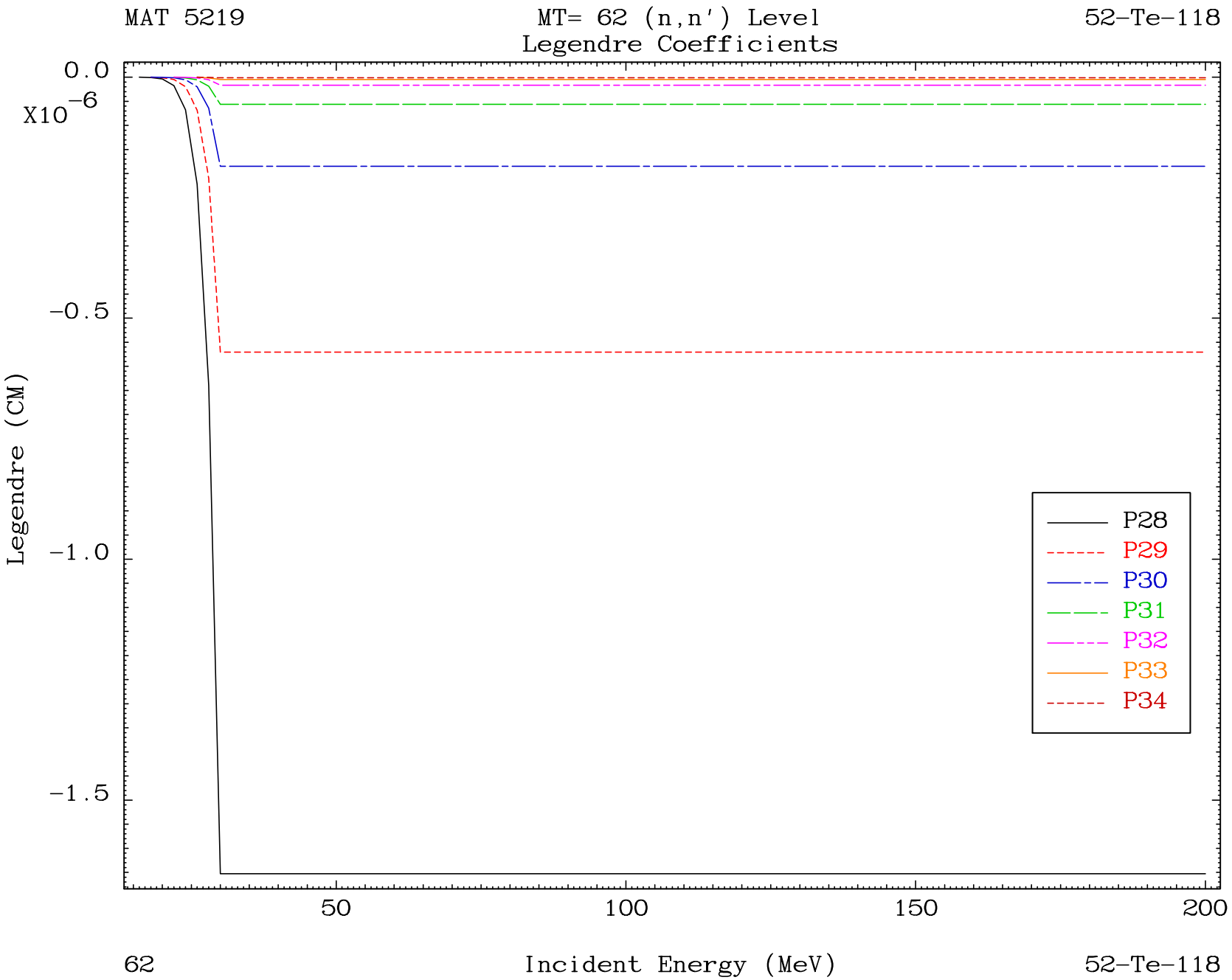

MAT 5219
MT= 61 (n,n') Level
Legendre Coefficients
52-Te-118
X10^-4
0.0
-0.5
-1.0
-1.5
Legendre (CM)
50
100
150
200
57
Incident Energy (MeV)
52-Te-118
P19
P20
P21
P22
P23
P24
P25
P26
P27

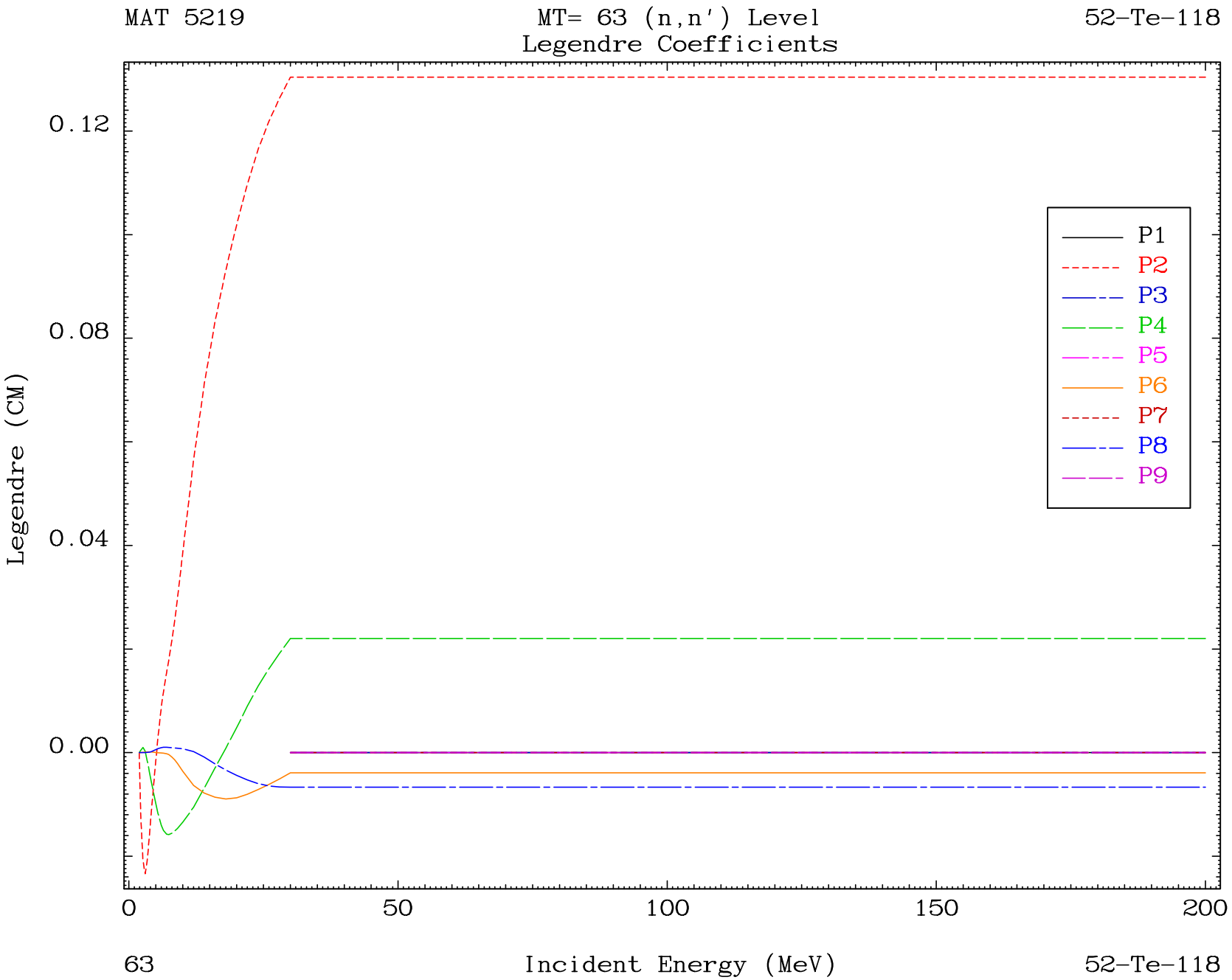

MAT 5219
MT= 61 (n,n') Level
Legendre Coefficients
52-Te-118
X10^-7
2.5
2.0
1.5
1.0
0.5
0.0
Legendre (CM)
50
100
150
200
58
Incident Energy (MeV)
52-Te-118
P28
P29
P30
P31
P32
P33
P34

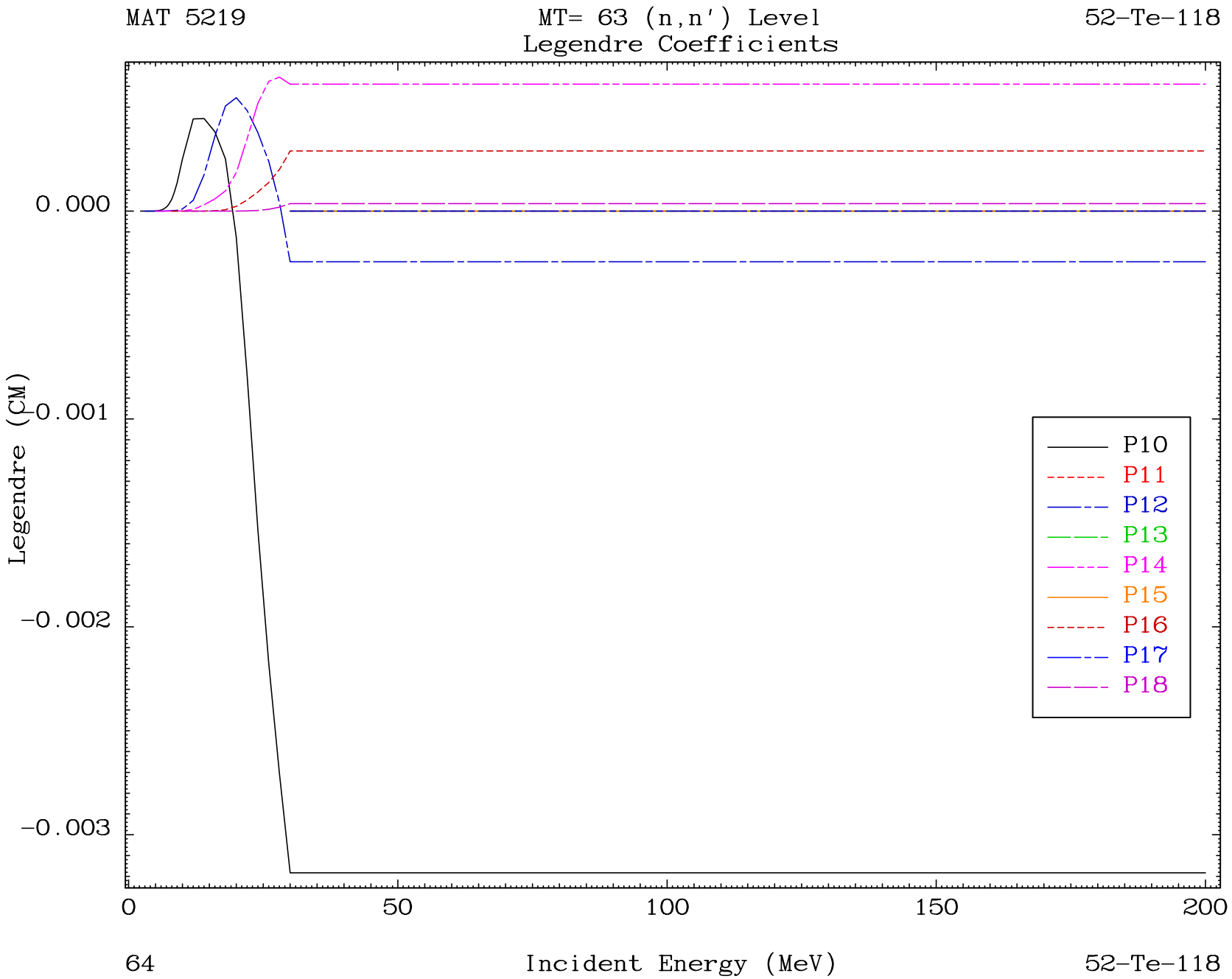

MAT 5219
MT= 62 (n,n') Level
Legendre Coefficients
52-Te-118
Legendre (CM)
0.4
0.3
0.2
0.1
0.0
0
50
100
150
200
P1
P2
P3
P4
P5
P6
P7
P8
P9
59
Incident Energy (MeV)
52-Te-118

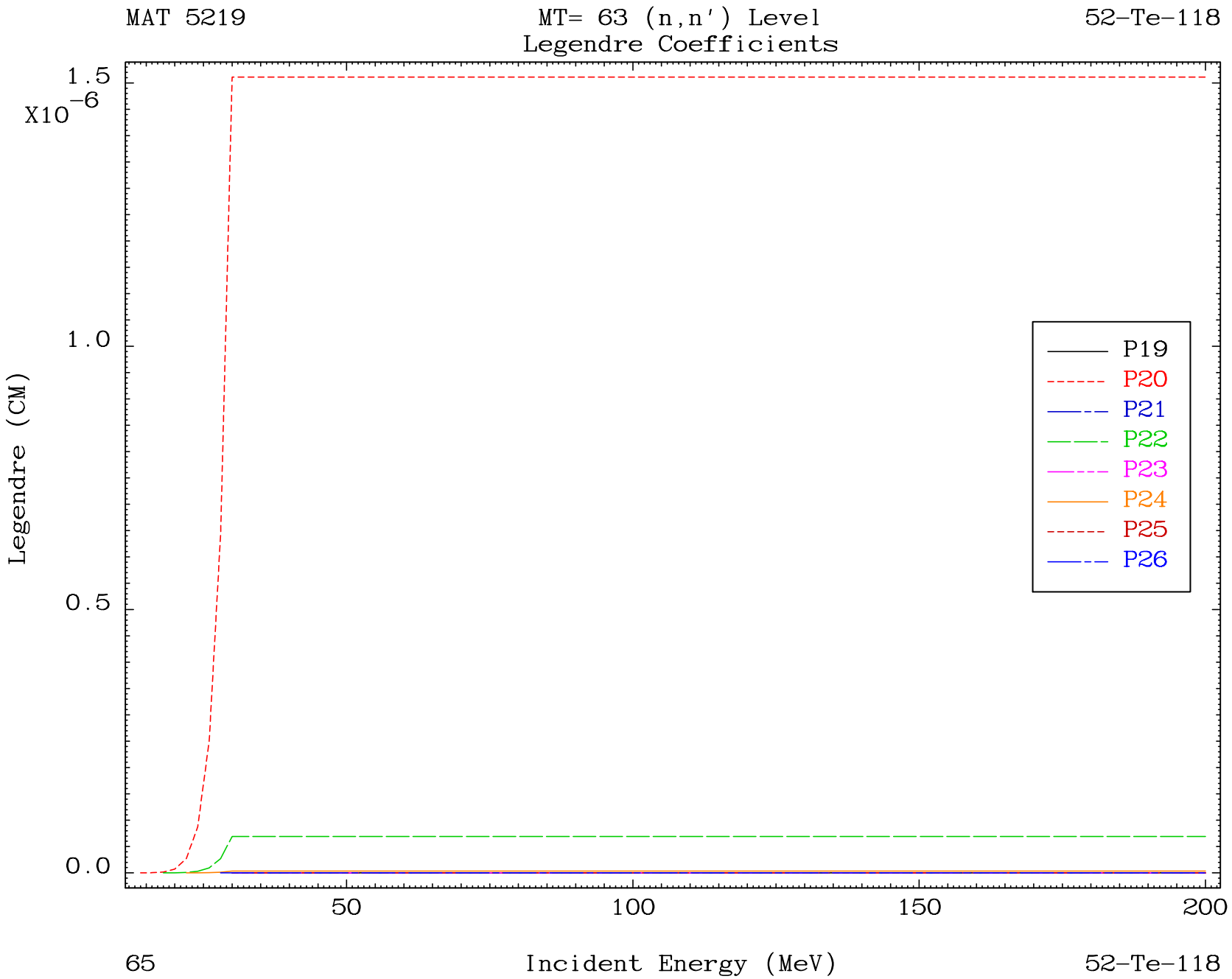

MAT 5219
MT= 62 (n,n') Level
Legendre Coefficients
52-Te-118
0.04
0.03
0.02
0.01
0.00
Legendre (CM)
P10
P11
P12
P13
P14
P15
P16
P17
P18
0
50
100
150
200
60
Incident Energy (MeV)
52-Te-118

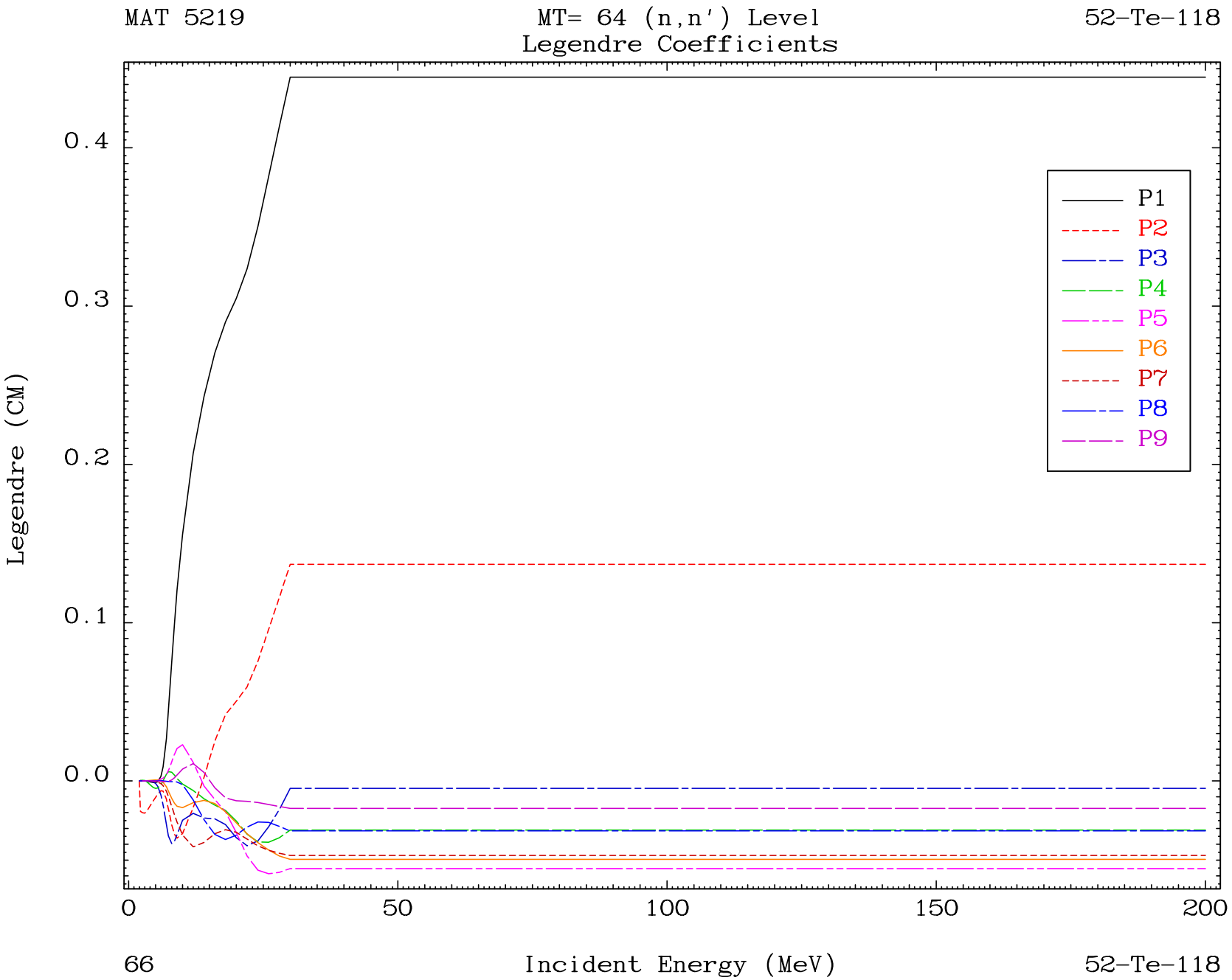

MAT 5219
MT= 62 (n,n') Level
Legendre Coefficients
52-Te-118
0.000
-0.001
-0.002
-0.003
Legendre (CM)
50
100
150
200
61
Incident Energy (MeV)
52-Te-118
P19
P20
P21
P22
P23
P24
P25
P26
P27

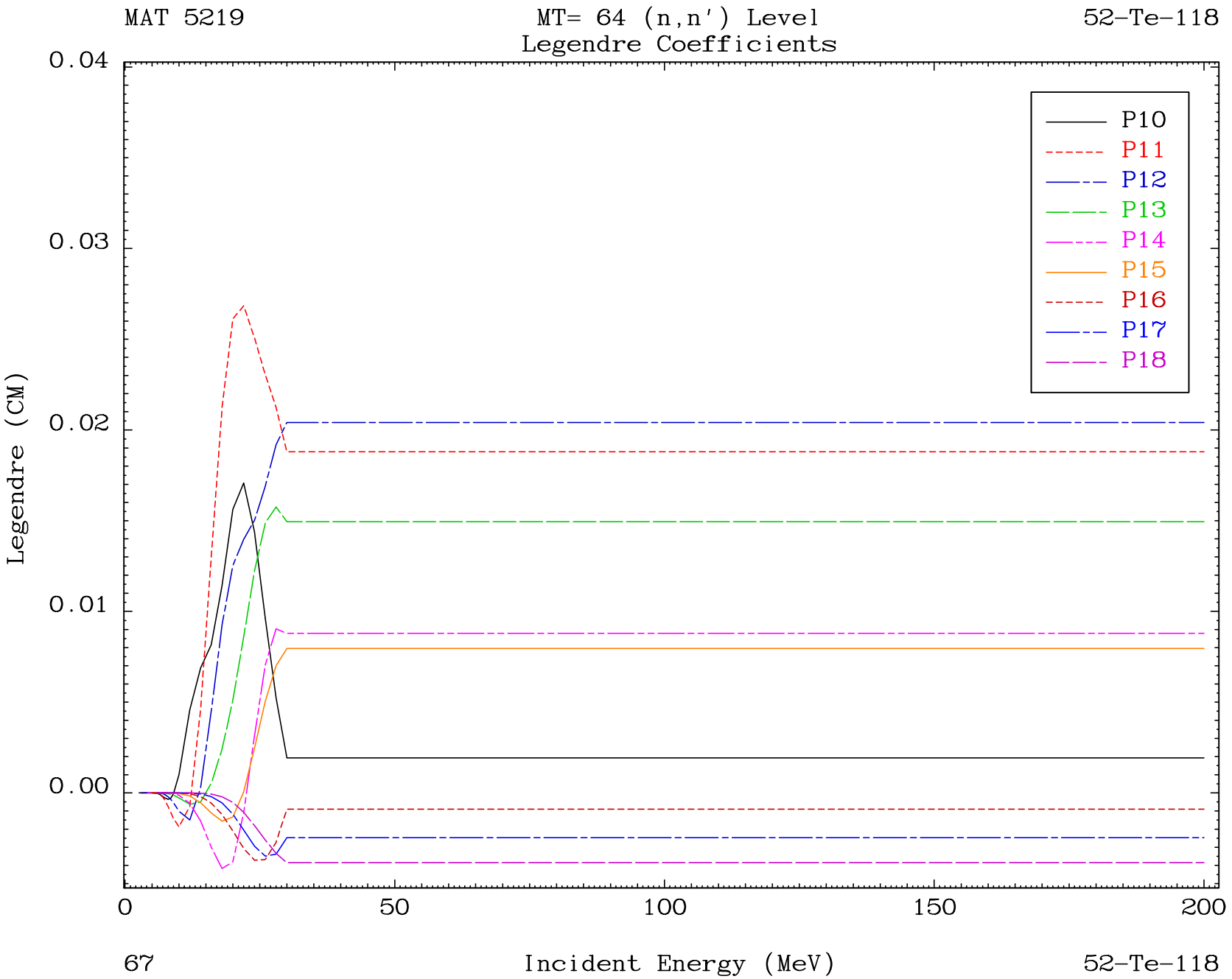

MAT 5219
MT= 62 (n,n') Level
Legendre Coefficients
52-Te-118
0.0
X10^-6
-0.5
-1.0
-1.5
Legendre (CM)
50
100
150
200
62
Incident Energy (MeV)
52-Te-118
P28
P29
P30
P31
P32
P33
P34

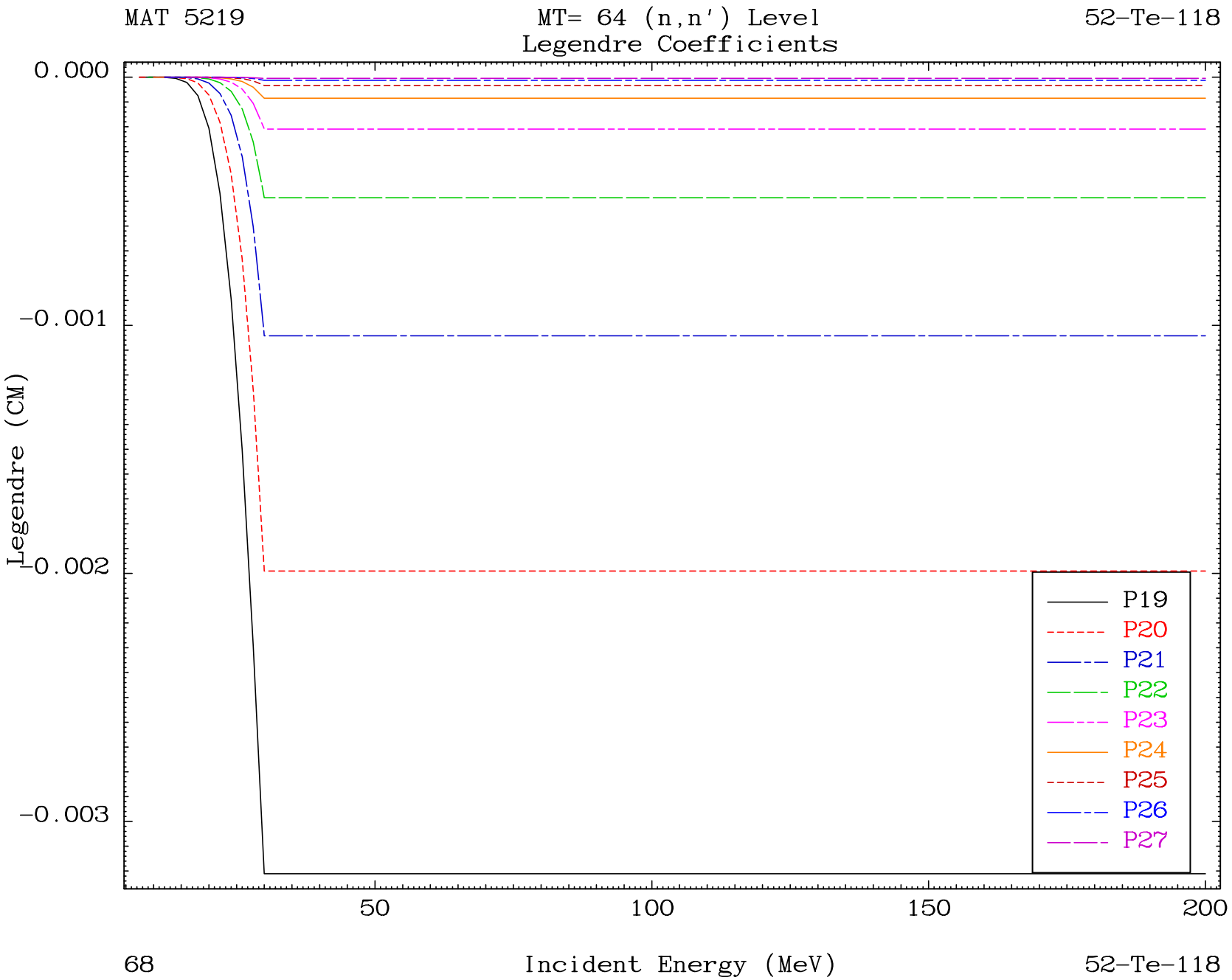

MAT 5219
MT= 63 (n,n') Level
Legendre Coefficients
52-Te-118
0.12
0.08
0.04
0.00
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
0
50
100
150
200
63
Incident Energy (MeV)
52-Te-118

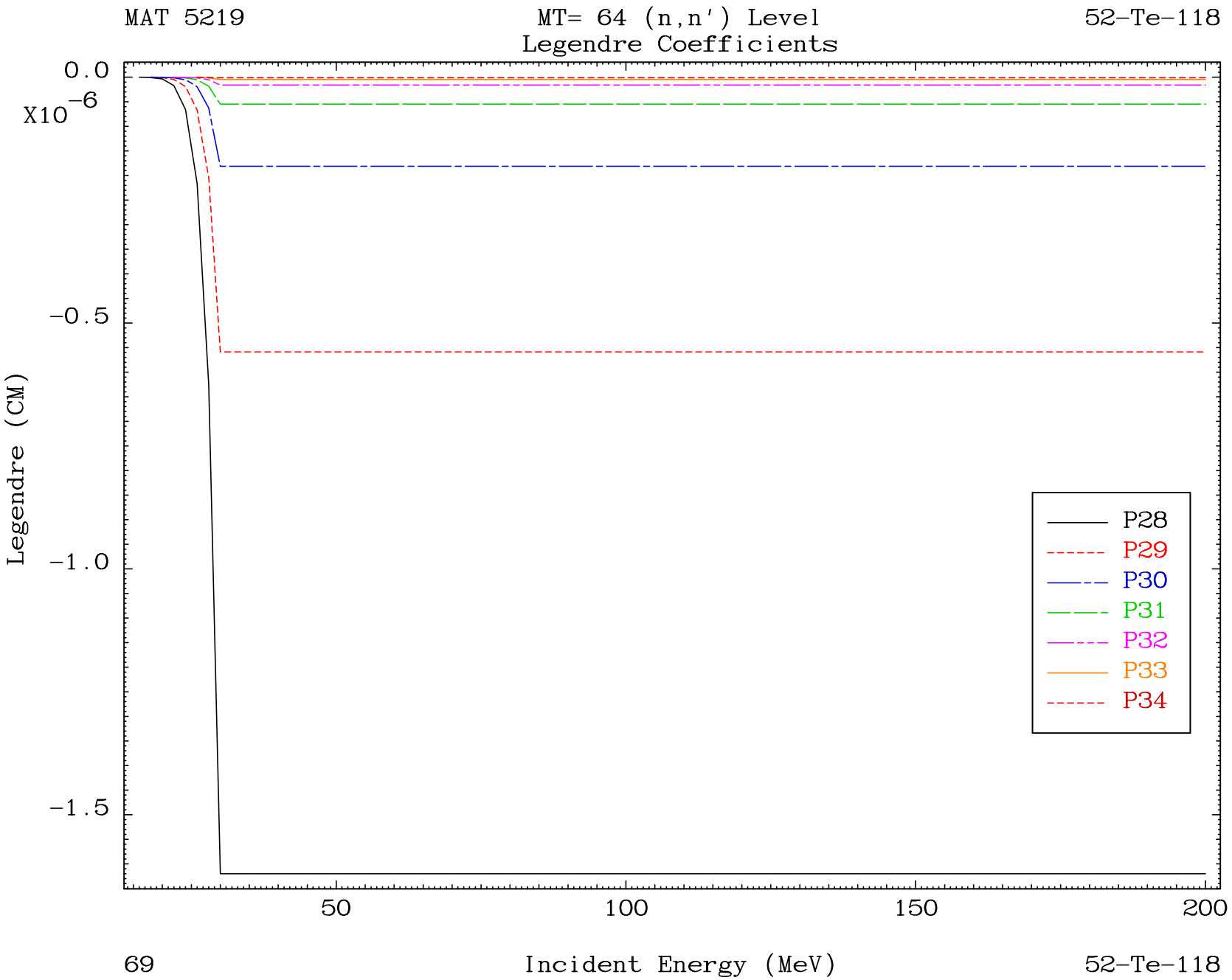

MAT 5219
MT= 63 (n,n') Level
Legendre Coefficients
52-Te-118
0.000
-0.001
-0.002
-0.003
Legendre (CM)
0
50
100
150
200
64
Incident Energy (MeV)
52-Te-118
P10
P11
P12
P13
P14
P15
P16
P17
P18

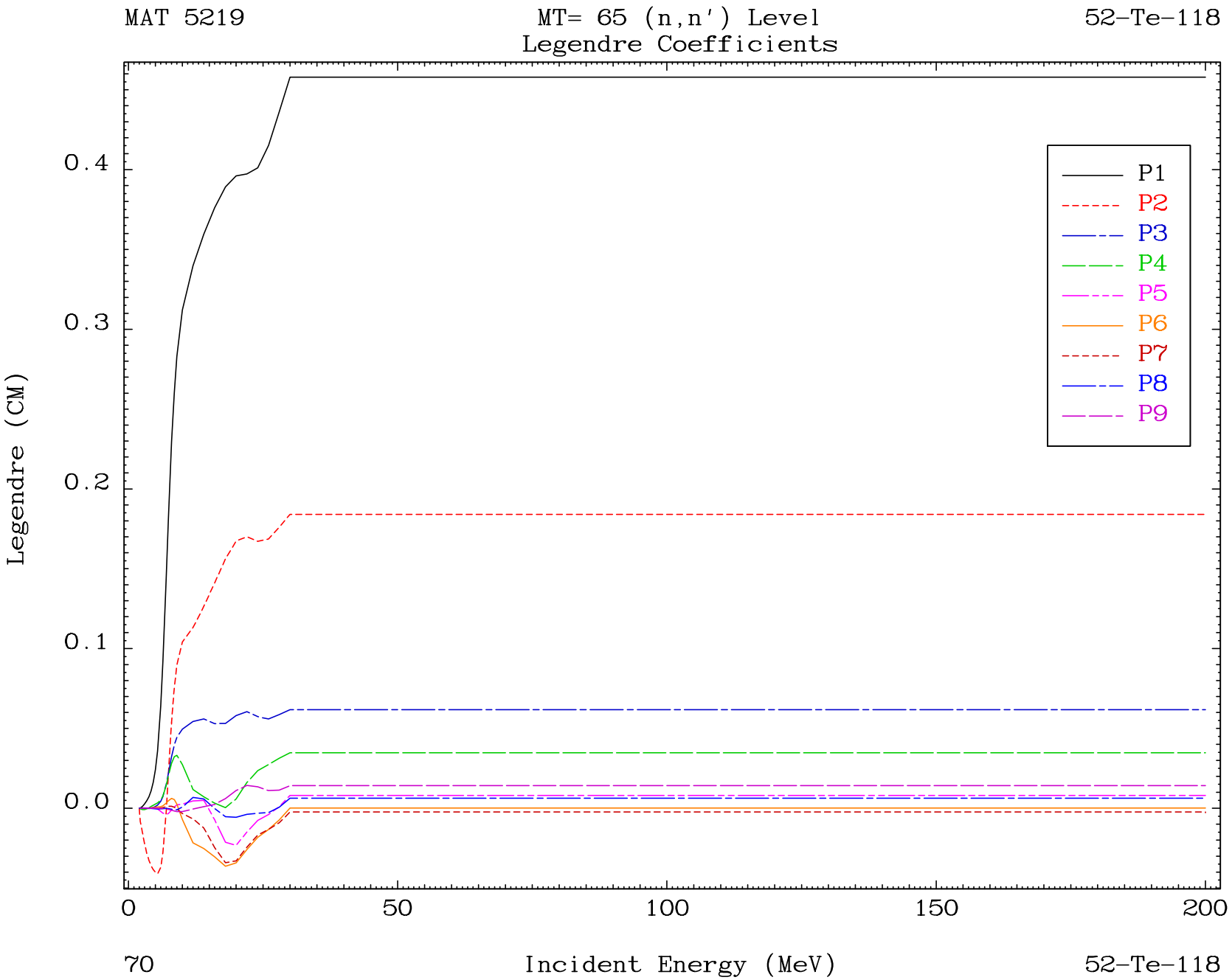

MAT 5219
MT= 63 (n,n') Level
Legendre Coefficients
52-Te-118
X10 −6
1.5
1.0
0.5
0.0
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
50
100
150
200
65
Incident Energy (MeV)
52-Te-118

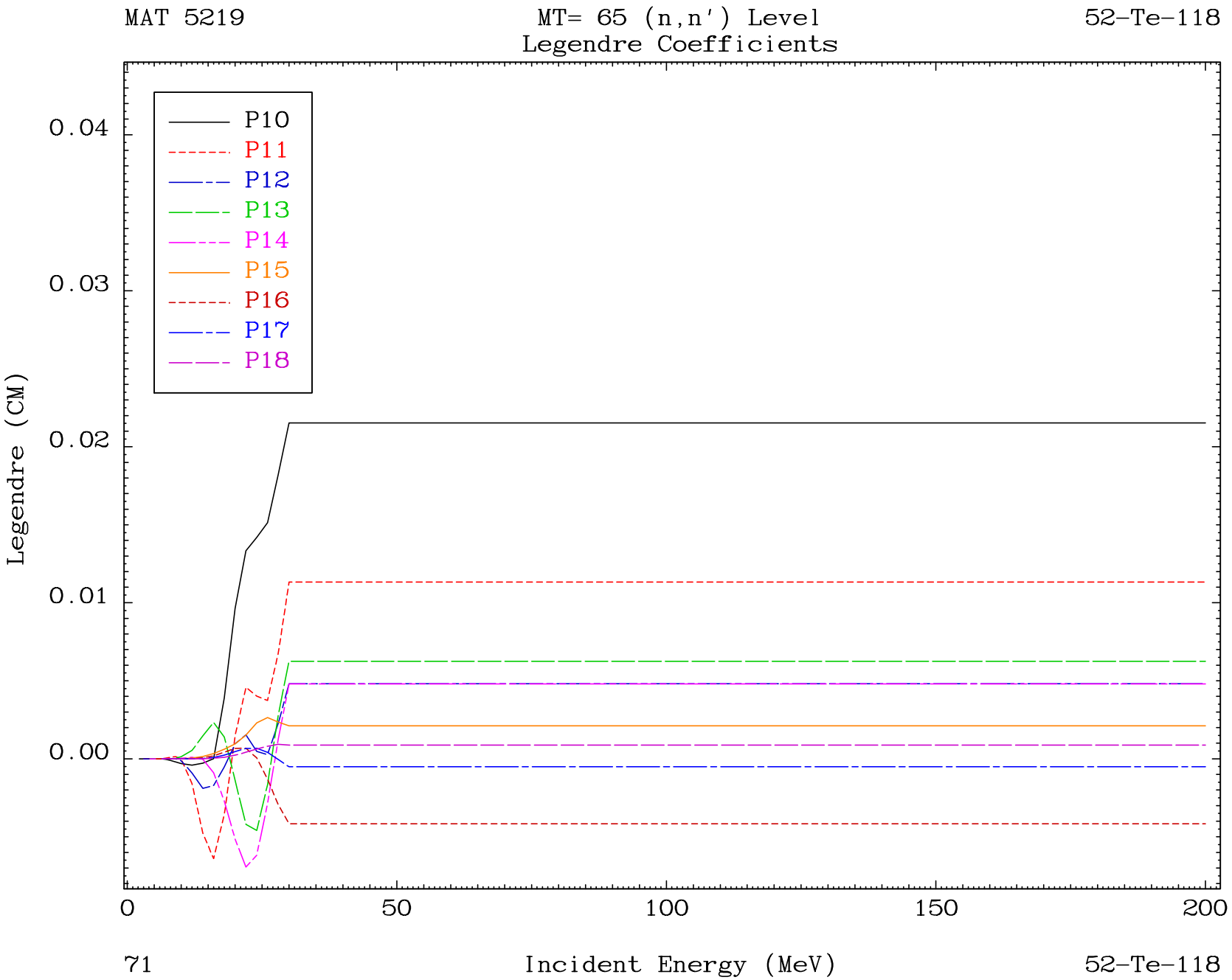

MAT 5219
MT= 64 (n,n') Level
Legendre Coefficients
52-Te-118
Legendre (CM)
0.4
0.3
0.2
0.1
0.0
0
50
100
150
200
66
Incident Energy (MeV)
52-Te-118
P1
P2
P3
P4
P5
P6
P7
P8
P9

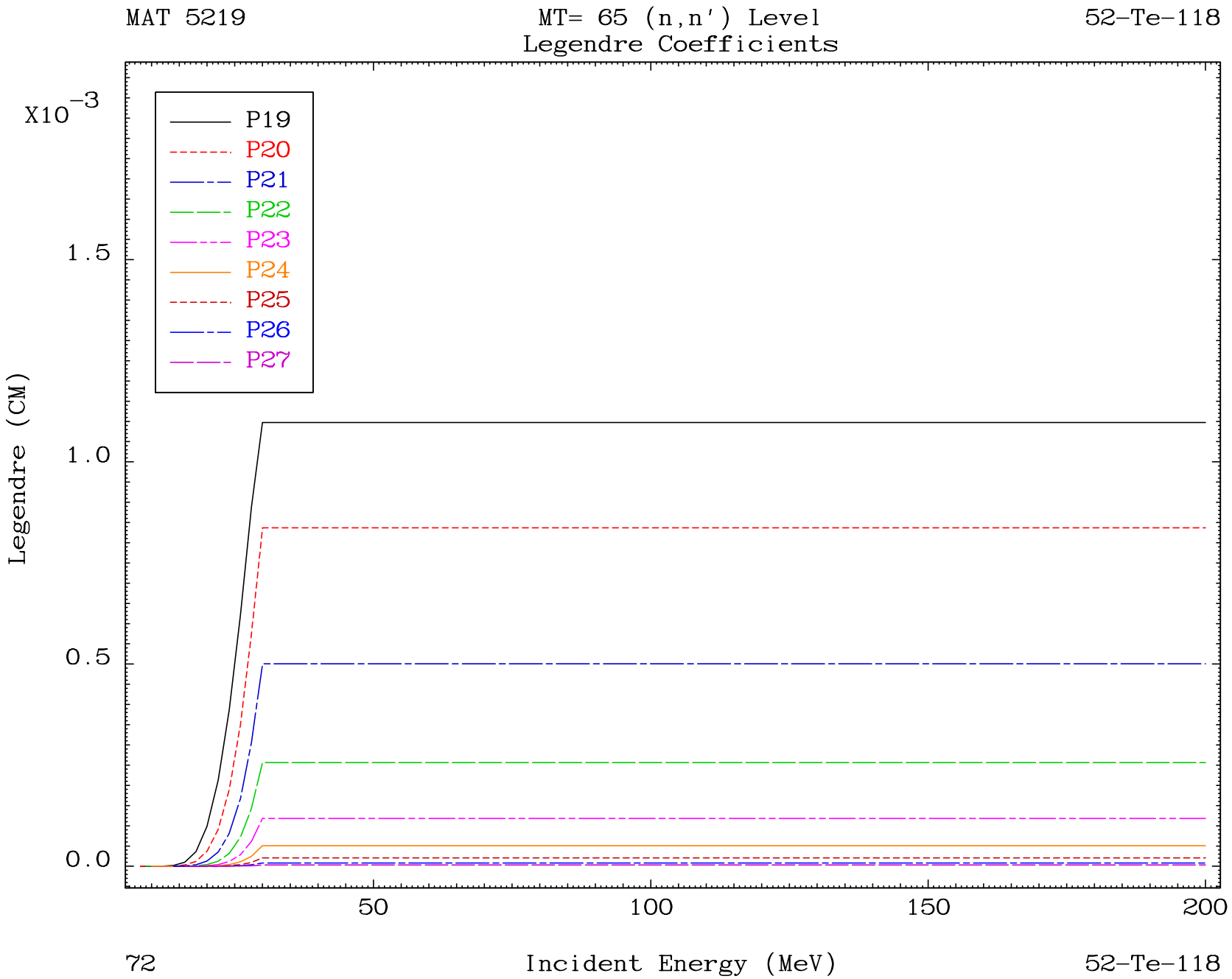

MAT 5219
MT= 64 (n,n') Level
Legendre Coefficients
52-Te-118
0.04
0.03
0.02
0.01
0.00
Legendre (CM)
P10
P11
P12
P13
P14
P15
P16
P17
P18
0
50
100
150
200
67
Incident Energy (MeV)
52-Te-118

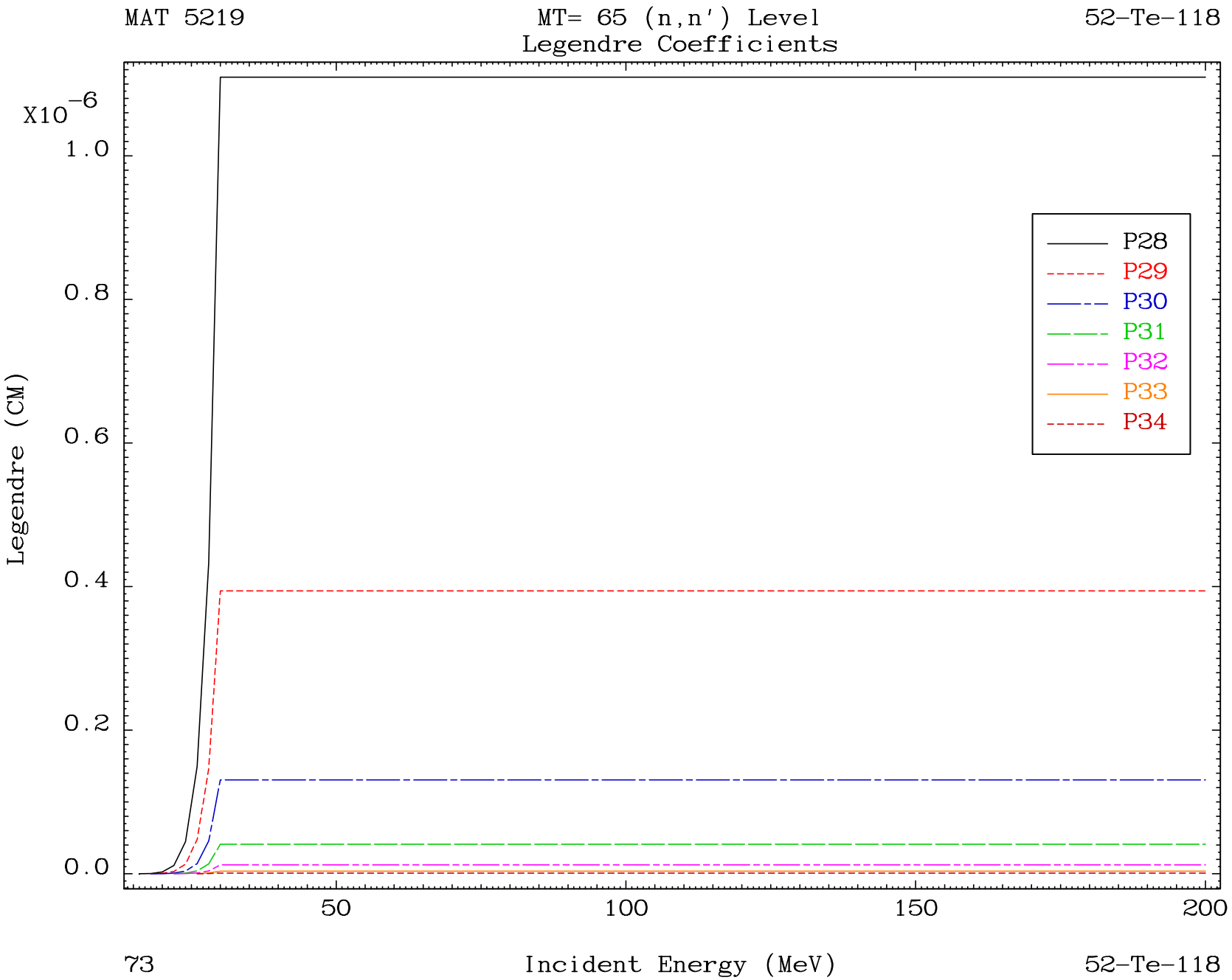

MAT 5219
MT= 64 (n,n') Level
Legendre Coefficients
52-Te-118
0.000
-0.001
-0.002
-0.003
Legendre (CM)
50
100
150
200
68
Incident Energy (MeV)
52-Te-118
P19
P20
P21
P22
P23
P24
P25
P26
P27

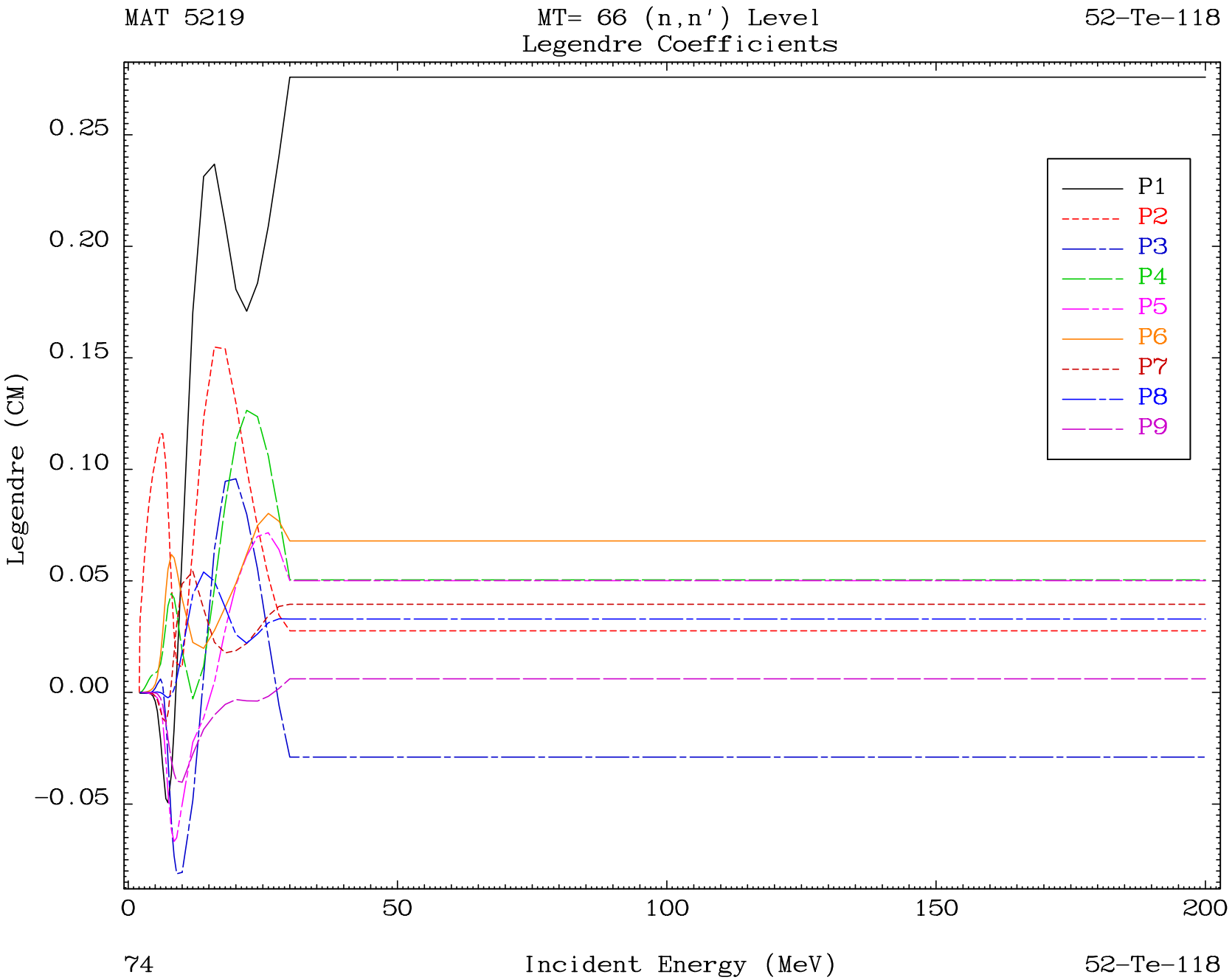

MAT 5219
MT= 64 (n,n') Level
Legendre Coefficients
52-Te-118
0.0
X10−6
−0.5
−1.0
−1.5
Legendre (CM)
50
100
150
200
P28
P29
P30
P31
P32
P33
P34
69
Incident Energy (MeV)
52-Te-118

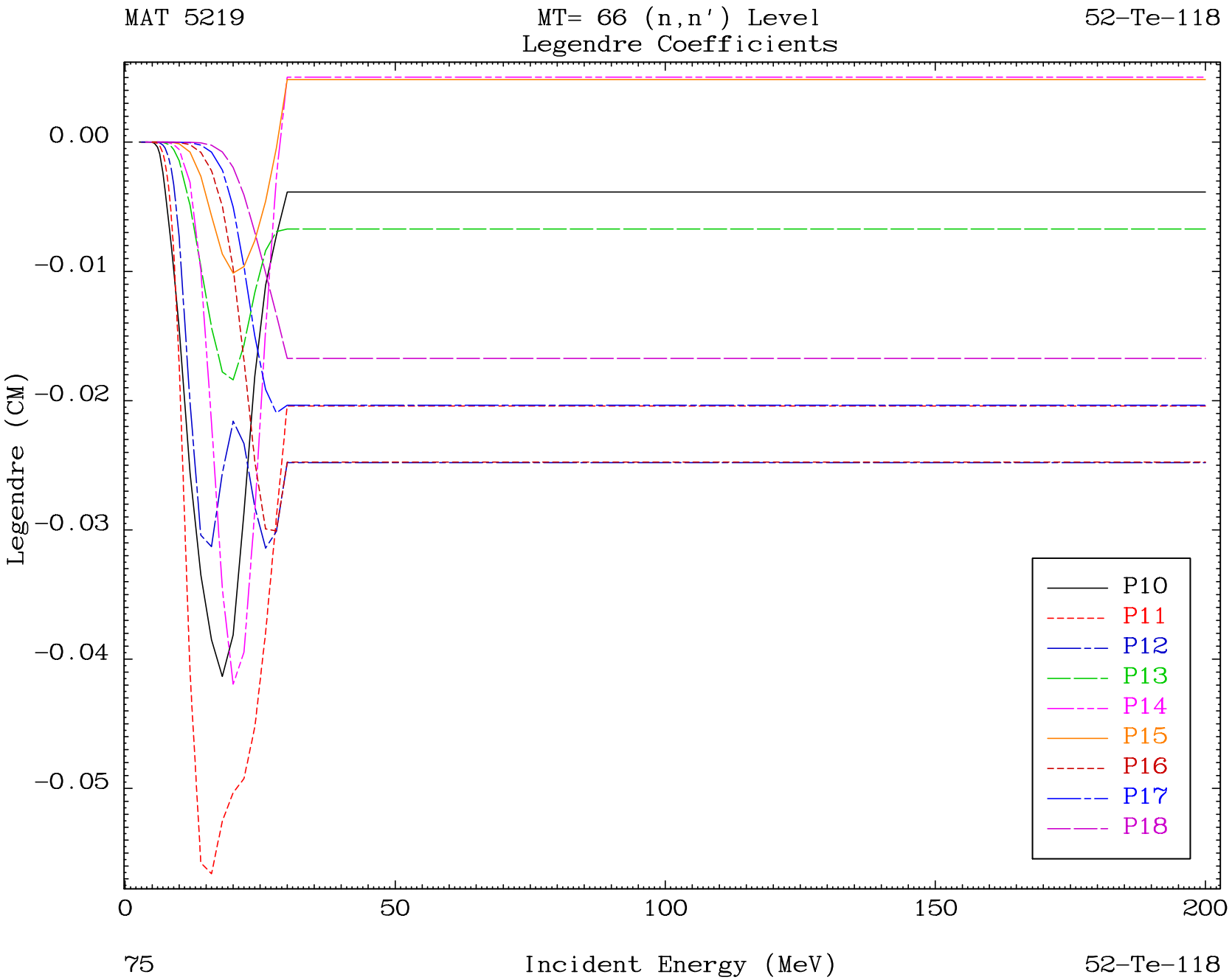

MAT 5219
MT= 65 (n,n') Level
Legendre Coefficients
52-Te-118
Legendre (CM)
0.4
0.3
0.2
0.1
0.0
P1
P2
P3
P4
P5
P6
P7
P8
P9
0
50
100
150
200
70
Incident Energy (MeV)
52-Te-118

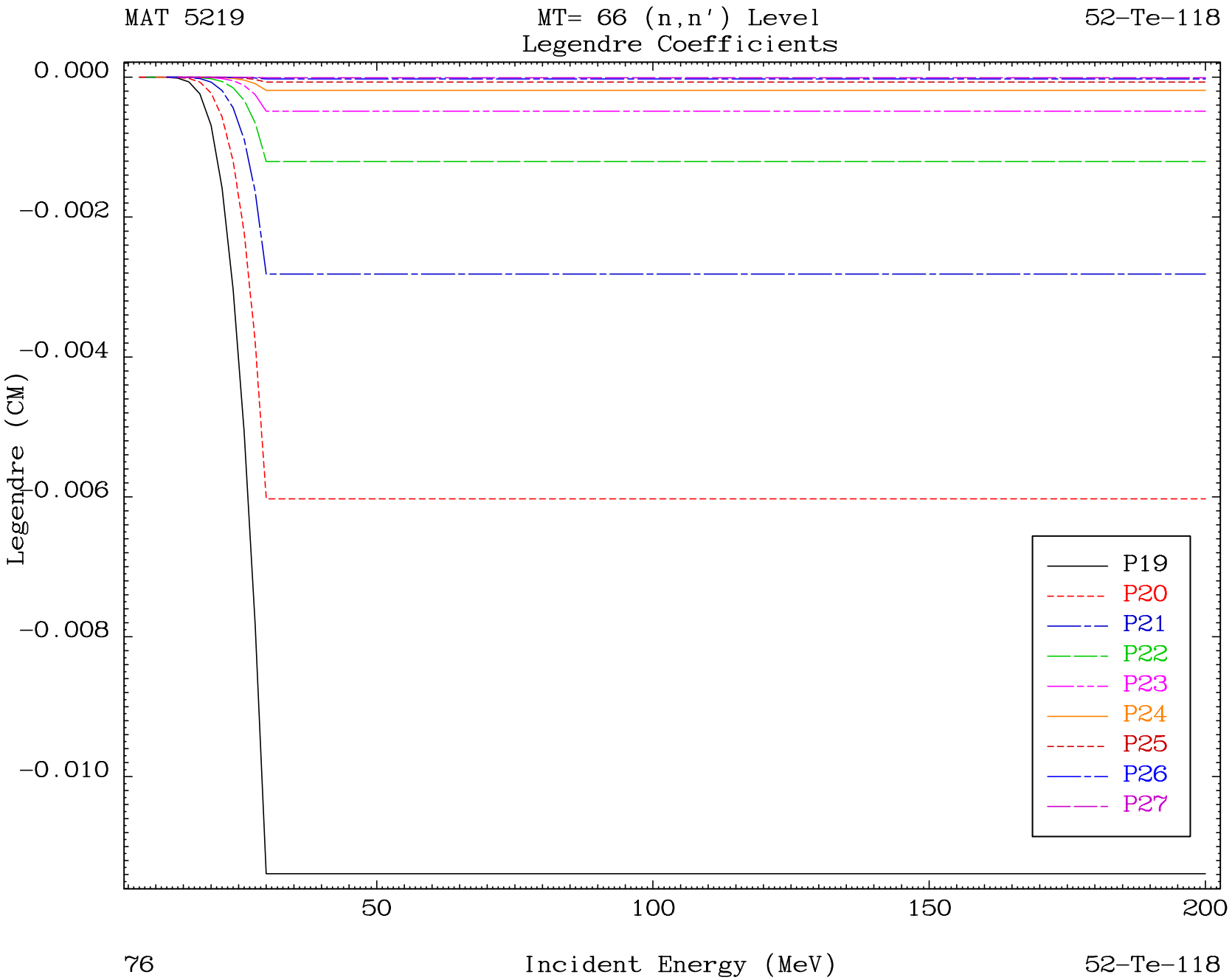

MAT 5219
MT= 65 (n,n') Level
Legendre Coefficients
52-Te-118
P10
P11
P12
P13
P14
P15
P16
P17
P18
0.04
0.03
0.02
0.01
0.00
Legendre (CM)
0
50
100
150
200
71
Incident Energy (MeV)
52-Te-118

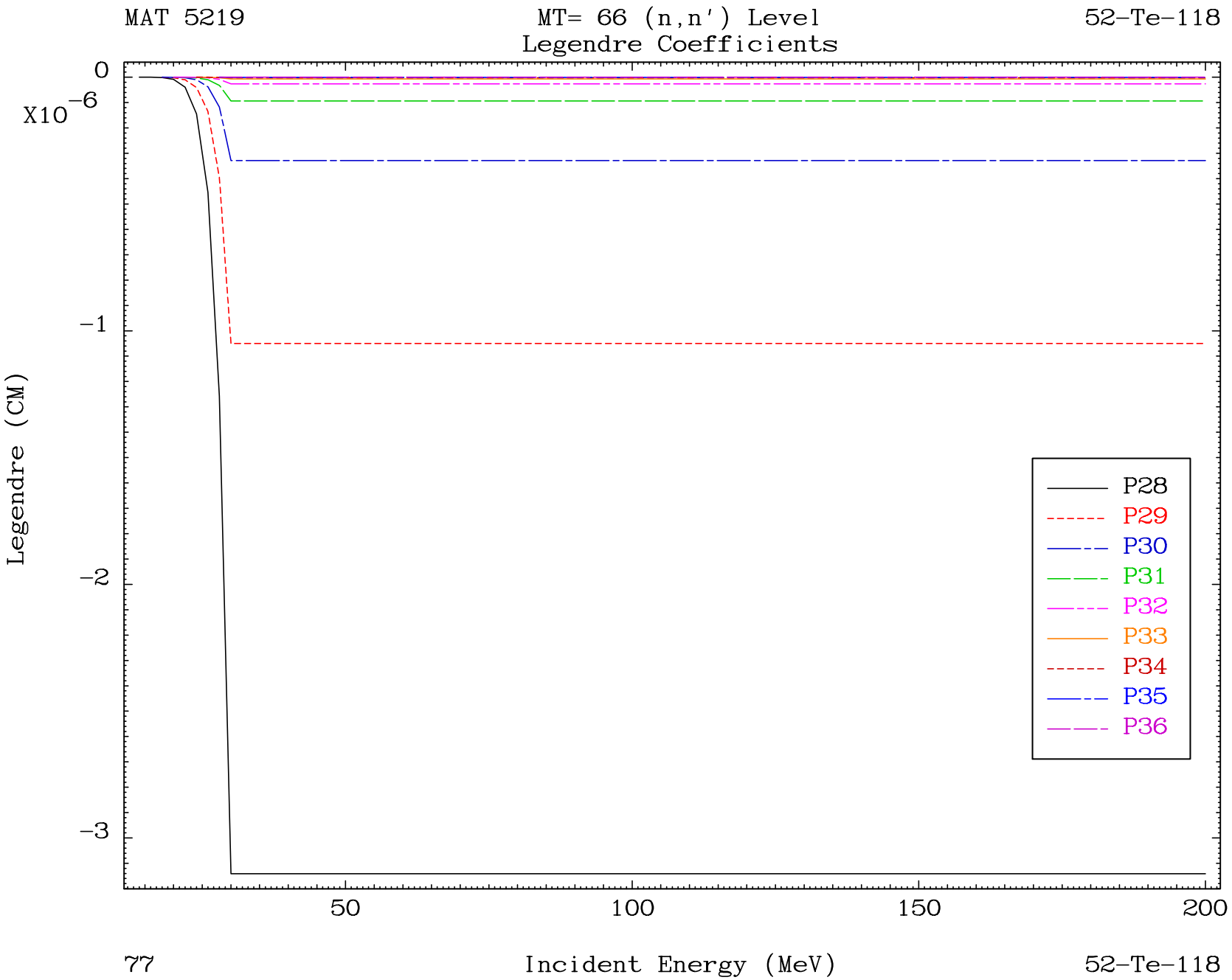

MAT 5219
MT= 65 (n,n') Level
Legendre Coefficients
52-Te-118
X10-3
1.5
1.0
0.5
0.0
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
P27
50
100
150
200
72
Incident Energy (MeV)
52-Te-118

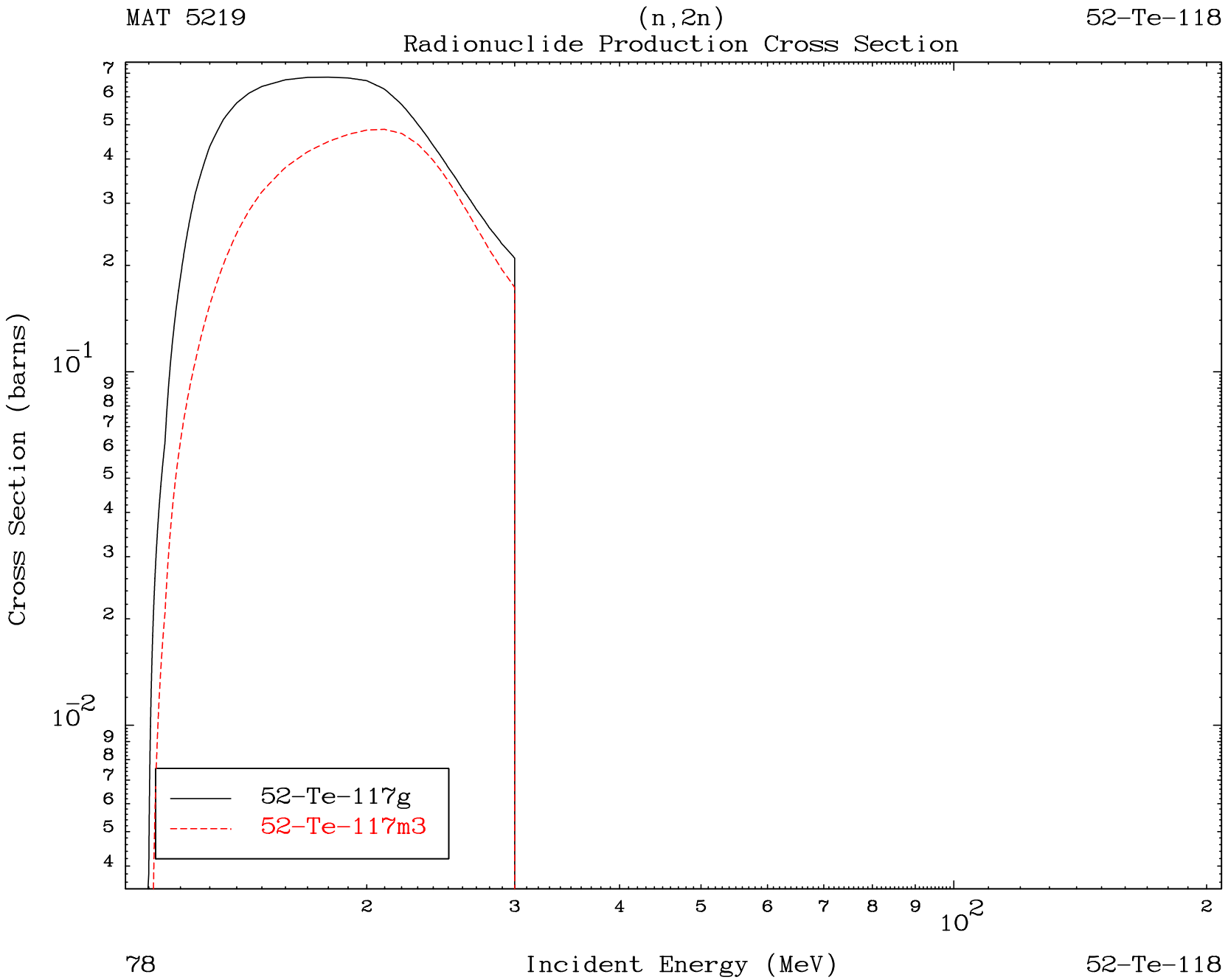

MAT 5219
MT= 65 (n,n') Level
Legendre Coefficients
52-Te-118
X10^-6
1.0
0.8
0.6
0.4
0.2
0.0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
50
100
150
200
73
Incident Energy (MeV)
52-Te-118

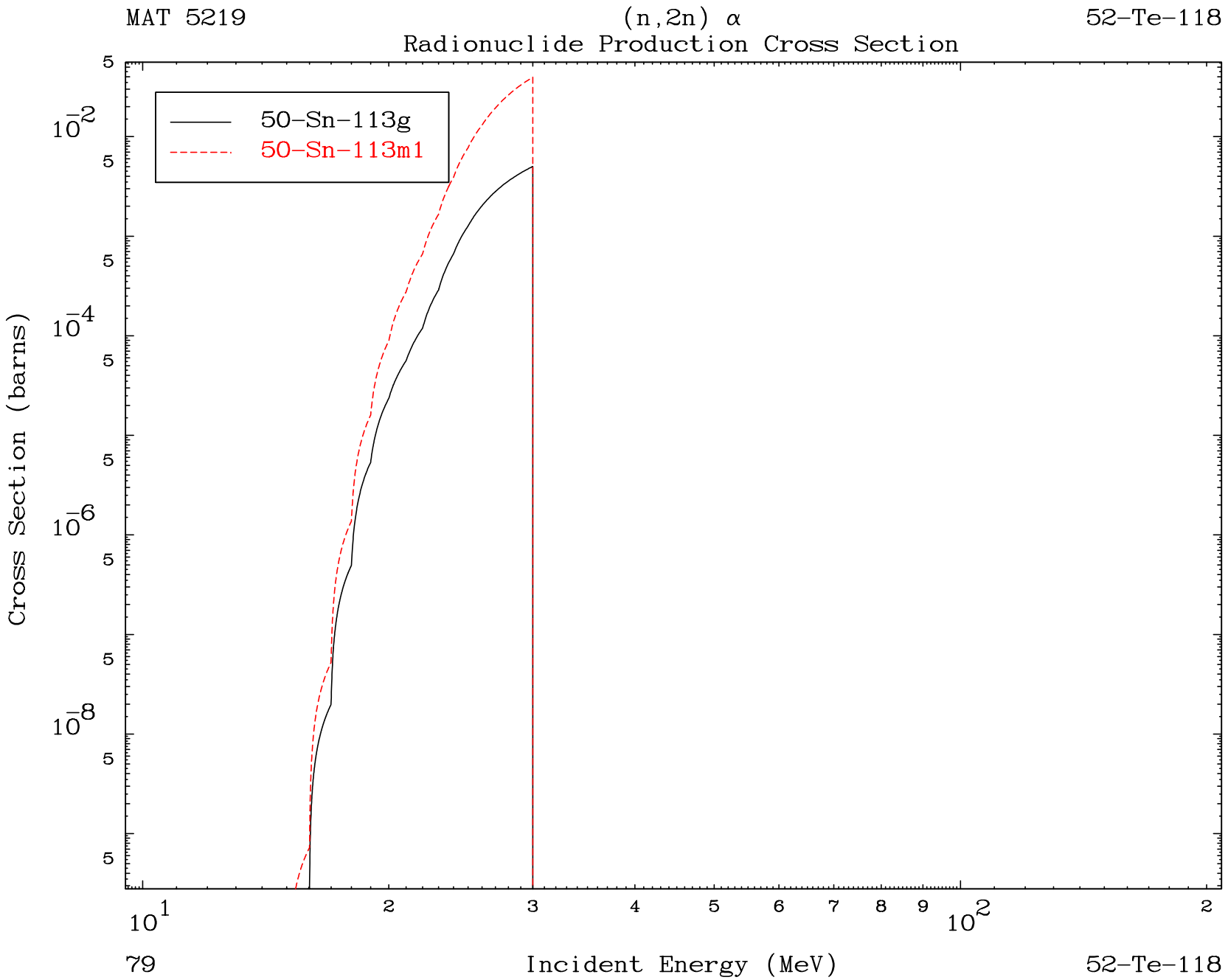

MAT 5219
MT= 66 (n,n') Level
Legendre Coefficients
52-Te-118
0.25
0.20
0.15
0.10
0.05
0.00
-0.05
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
0
50
100
150
200
74
Incident Energy (MeV)
52-Te-118

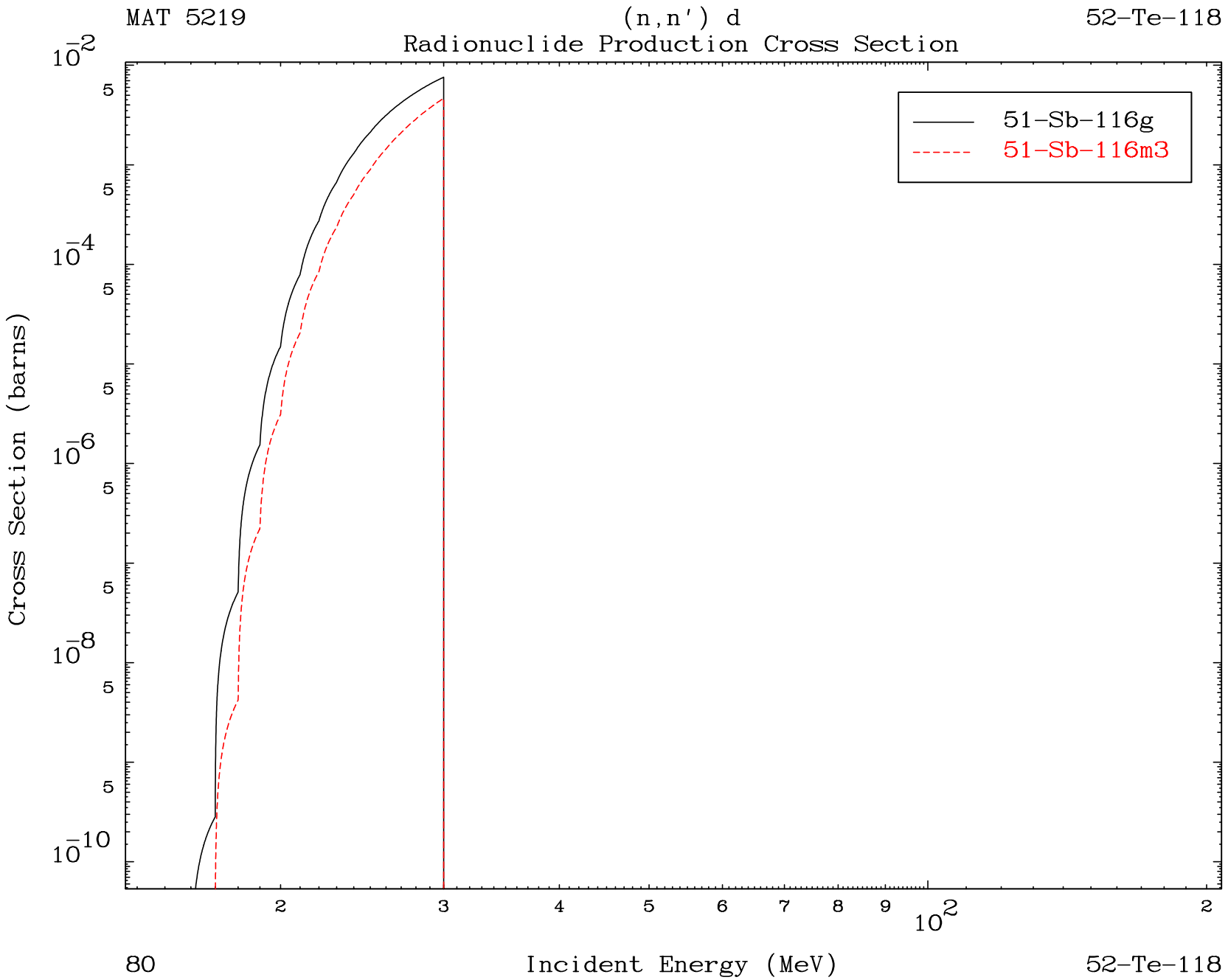

MAT 5219
MT= 66 (n,n') Level
Legendre Coefficients
52-Te-118
0.00
-0.01
-0.02
-0.03
-0.04
-0.05
Legendre (CM)
0
50
100
150
200
75
Incident Energy (MeV)
52-Te-118
P10
P11
P12
P13
P14
P15
P16
P17
P18

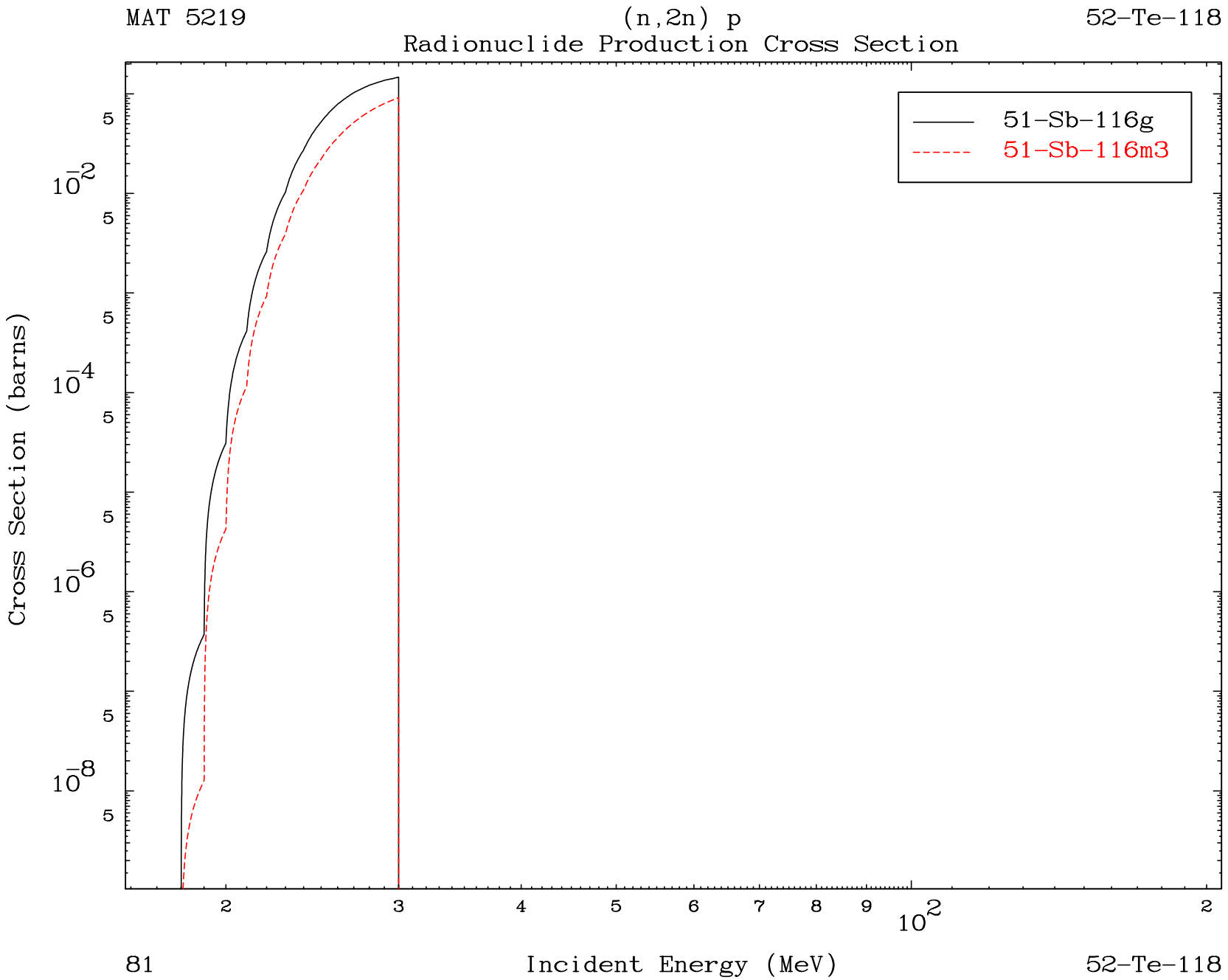

MAT 5219
MT= 66 (n,n') Level
Legendre Coefficients
52-Te-118
0.000
-0.002
-0.004
-0.006
-0.008
-0.010
Legendre (CM)
50
100
150
200
76
Incident Energy (MeV)
52-Te-118
P19
P20
P21
P22
P23
P24
P25
P26
P27

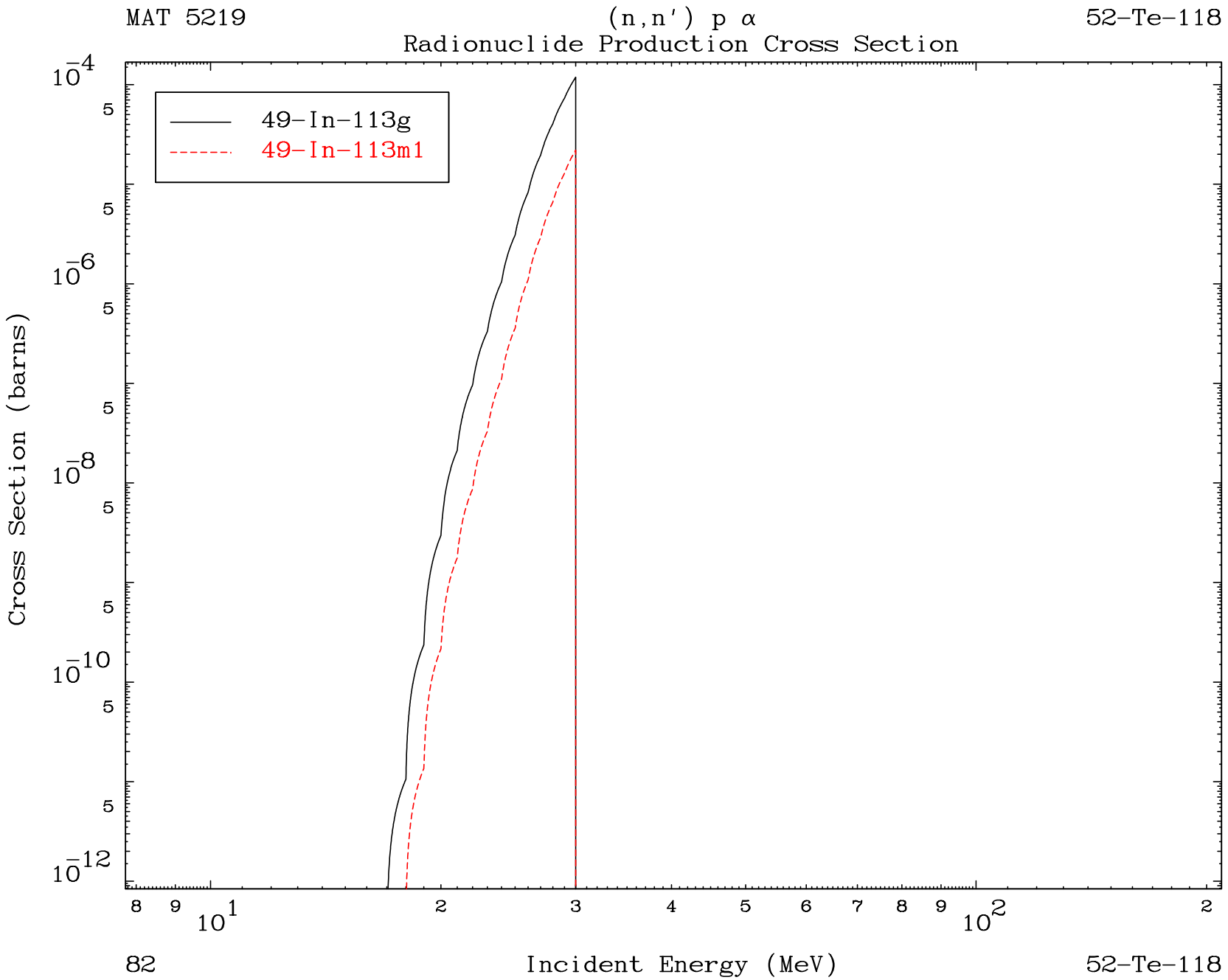

MAT 5219
MT= 66 (n,n') Level
Legendre Coefficients
52-Te-118
0
X10^-6
-1
-2
-3
Legendre (CM)
50
100
150
200
77
Incident Energy (MeV)
52-Te-118
P28
P29
P30
P31
P32
P33
P34
P35
P36

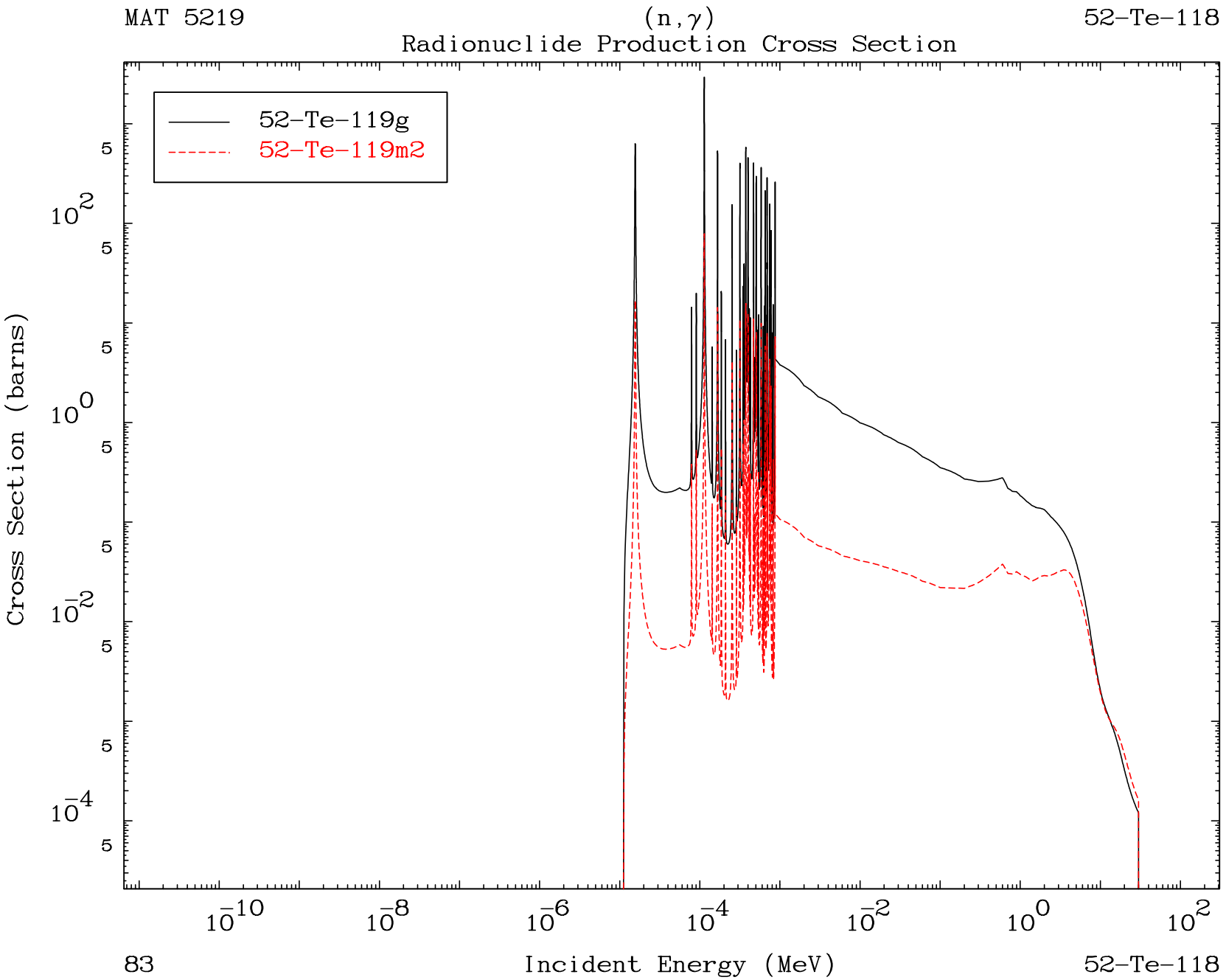

MAT 5219
(n,2n)
52-Te-118
Radionuclide Production Cross Section
Cross Section (barns)
10-1
10-2
52-Te-117g
52-Te-117m3
2
3
4
5
6
7
8
9
10 2
2
78
Incident Energy (MeV)
52-Te-118

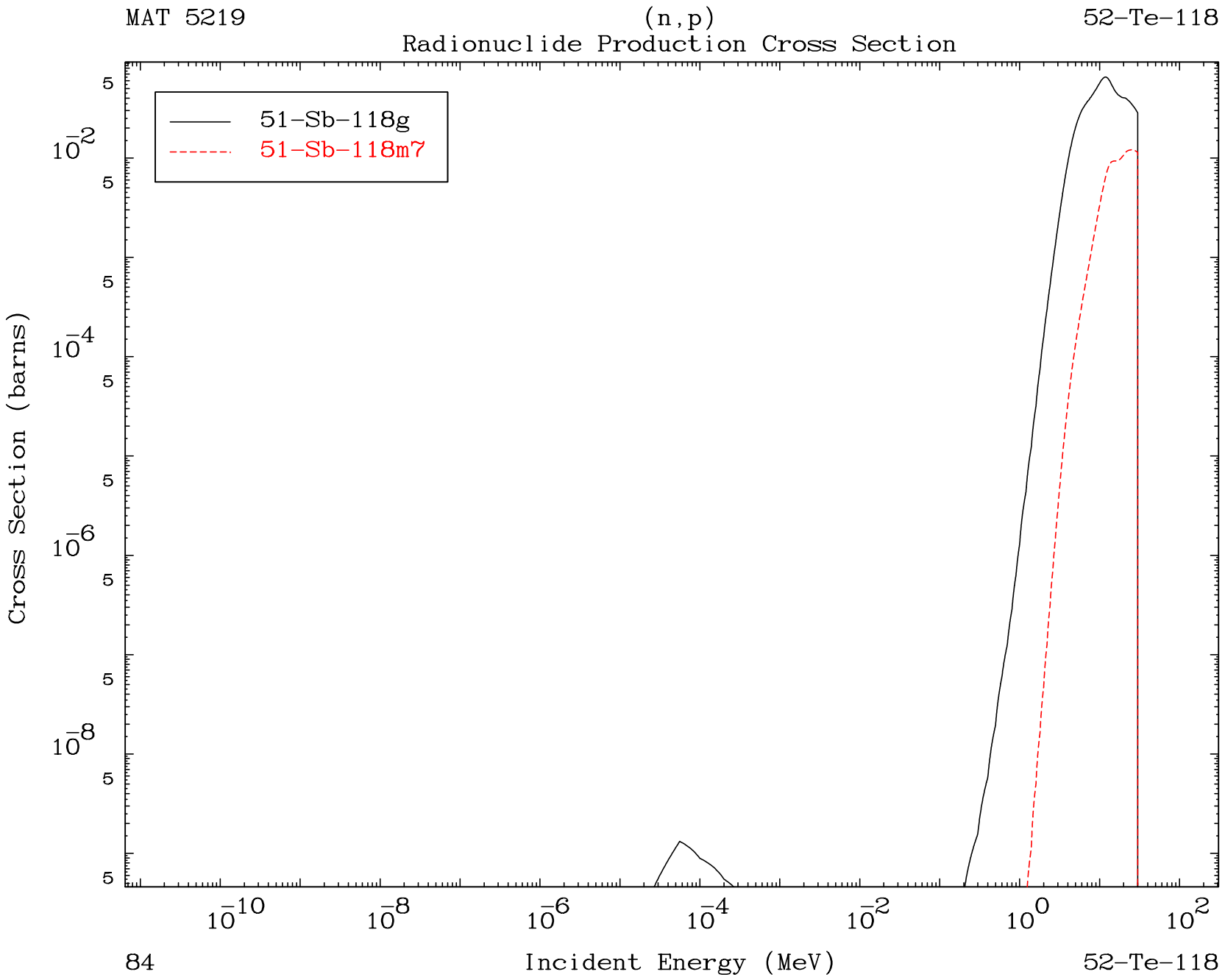

MAT 5219
(n,2n) α
52-Te-118
Radionuclide Production Cross Section
50-Sn-113g
50-Sn-113m1
Cross Section (barns)
Incident Energy (MeV)
79
52-Te-118

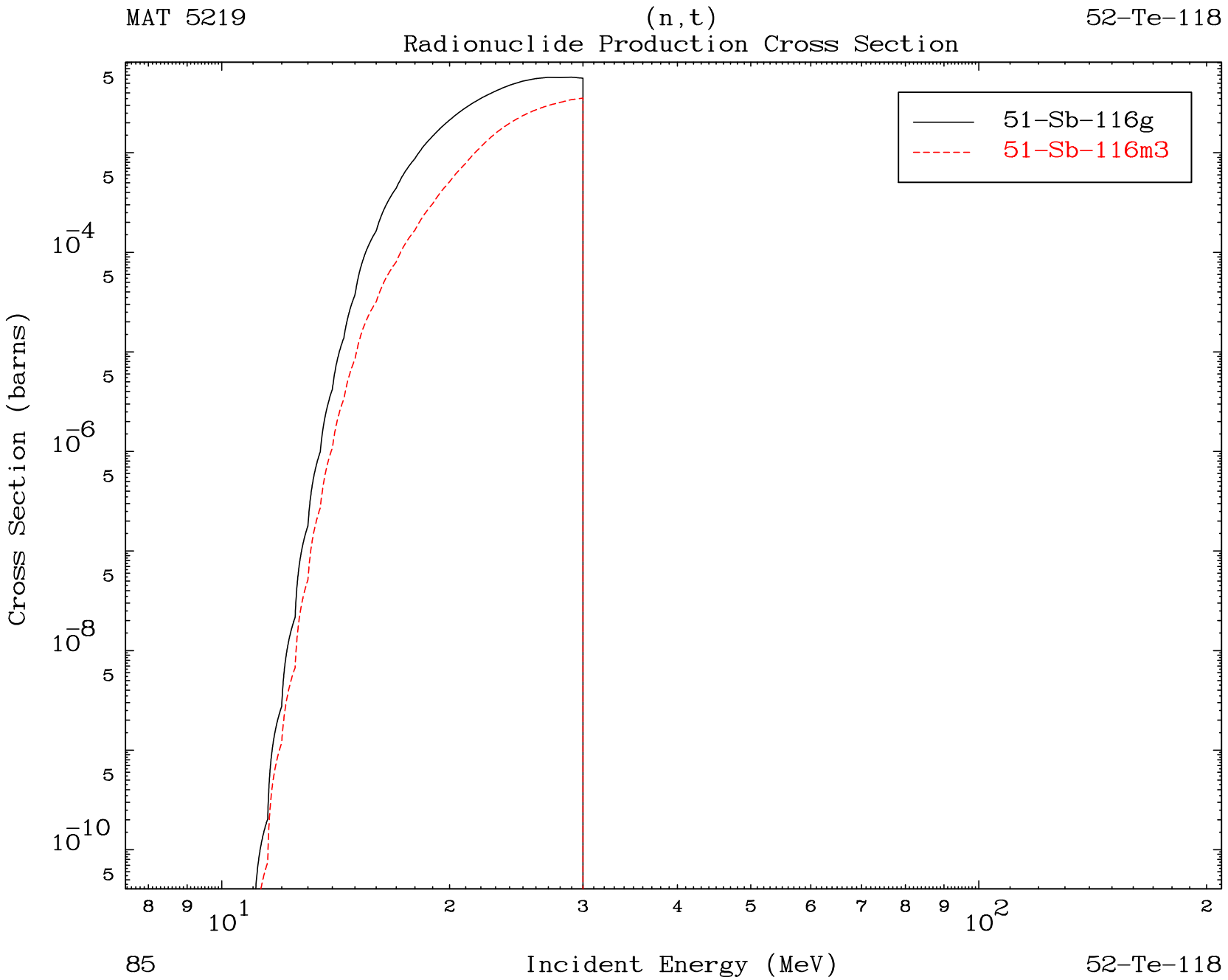

MAT 5219
(n,n') d
52-Te-118
Radionuclide Production Cross Section
51-Sb-116g
51-Sb-116m3
Cross Section (barns)
Incident Energy (MeV)
80
52-Te-118

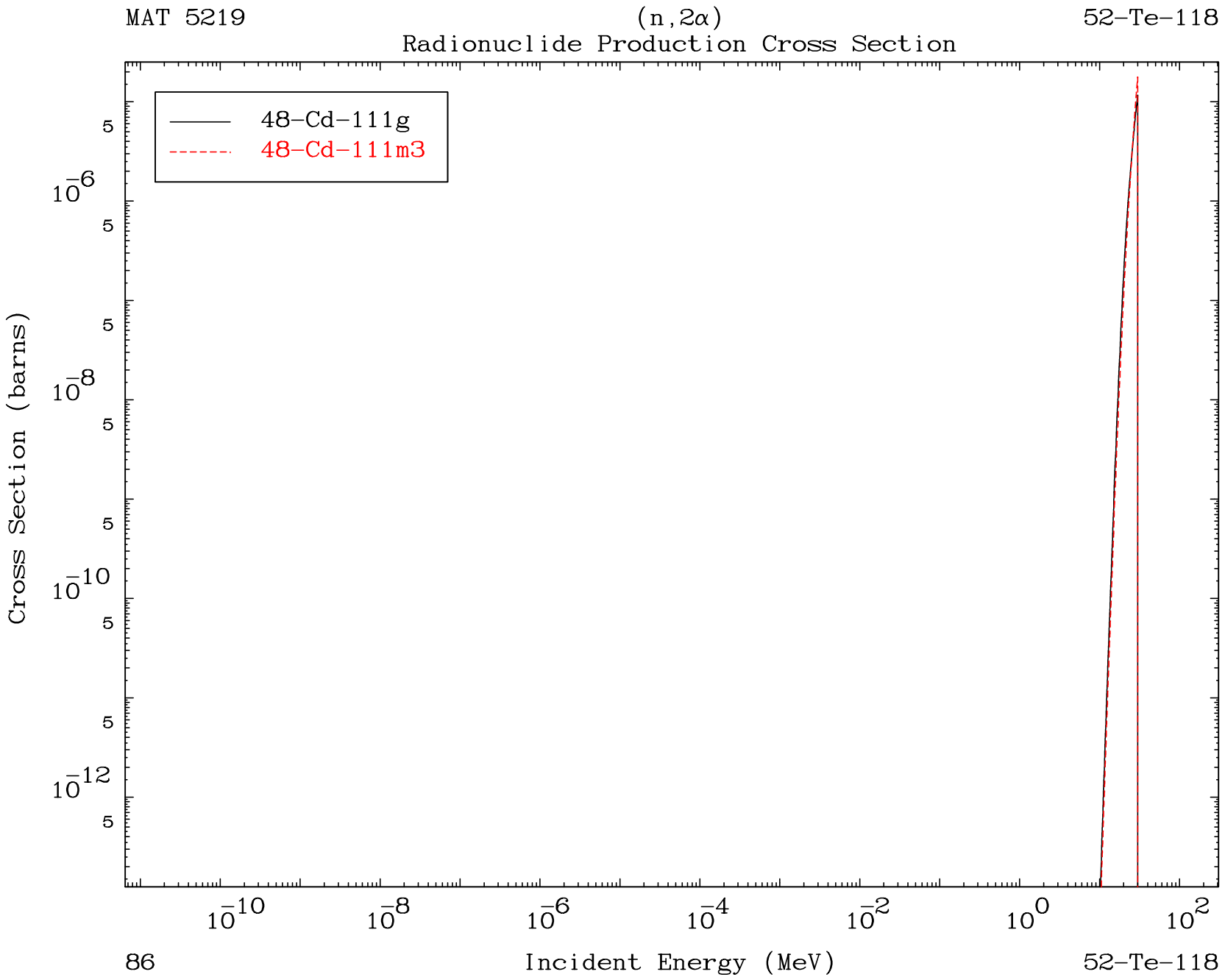

MAT 5219
(n,2n) p
52-Te-118
Radionuclide Production Cross Section
51-Sb-116g
51-Sb-116m3
Cross Section (barns)
10-2
10-4
10-6
10-8
2
3
4
5
6
7
8
9
10^2
2
81
Incident Energy (MeV)
52-Te-118

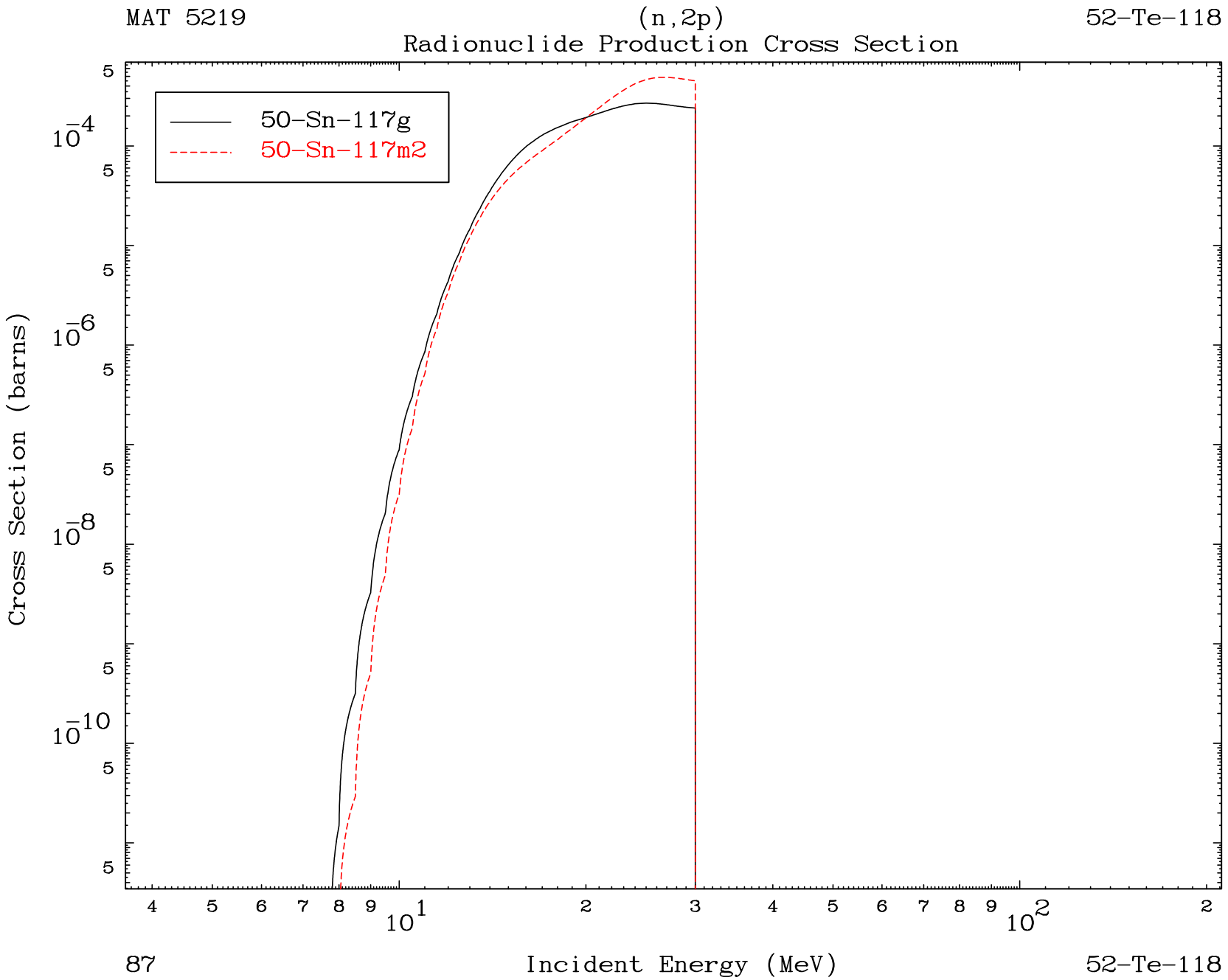

MAT 5219
(n,n') p α
52-Te-118
Radionuclide Production Cross Section
49-In-113g
49-In-113m1
Cross Section (barns)
Incident Energy (MeV)
82
52-Te-118

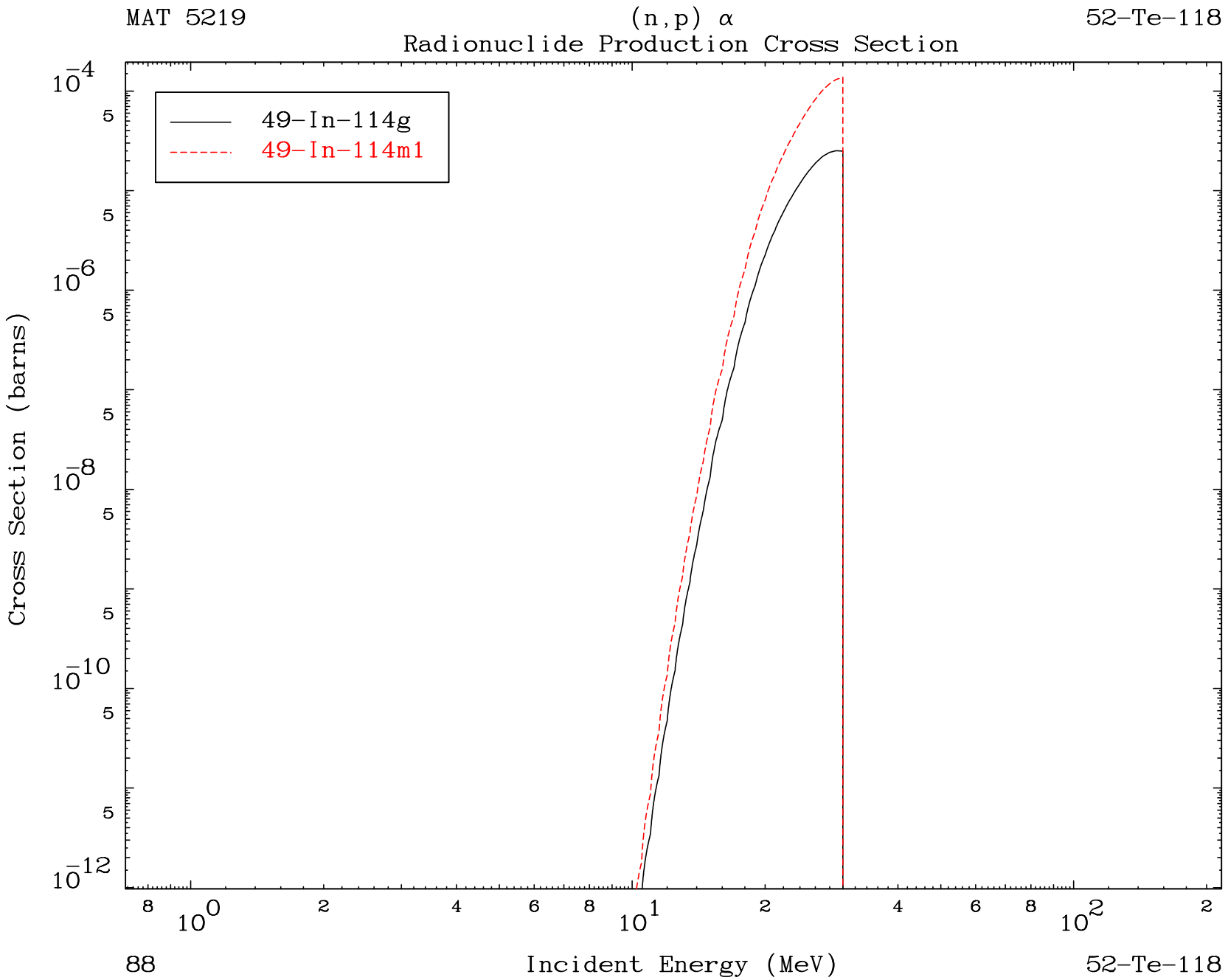

MAT 5219
(n,γ)
52-Te-118
Radionuclide Production Cross Section
52-Te-119g
52-Te-119m2
Cross Section (barns)
10^2
10^0
10^-2
10^-4
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
83
Incident Energy (MeV)
52-Te-118

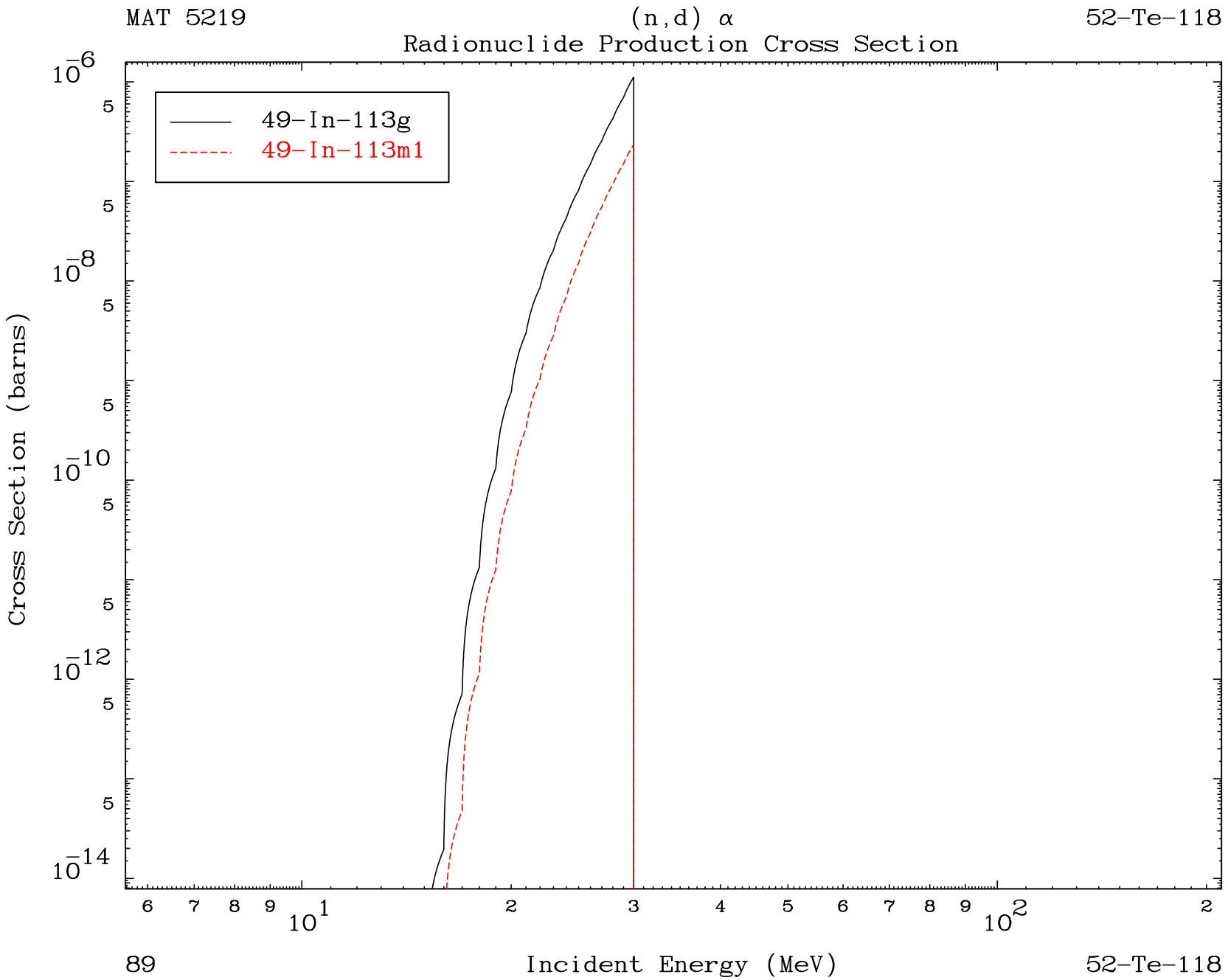

MAT 5219
(n,p)
52-Te-118
Radionuclide Production Cross Section
51-Sb-118g
51-Sb-118m7
Cross Section (barns)
Incident Energy (MeV)
84
52-Te-118


MAT 5219
(n,t)
52-Te-118
Radionuclide Production Cross Section
51-Sb-116g
51-Sb-116m3
Cross Section (barns)
Incident Energy (MeV)
85
52-Te-118


MAT 5219
(n,2α)
52-Te-118
Radionuclide Production Cross Section
48-Cd-111g
48-Cd-111m3
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
86
Incident Energy (MeV)
52-Te-118


MAT 5219
(n,2p)
52-Te-118
Radionuclide Production Cross Section
50-Sn-117g
50-Sn-117m2
Cross Section (barns)
Incident Energy (MeV)
87
52-Te-118


MAT 5219
(n,p) α
52-Te-118
Radionuclide Production Cross Section
49-In-114g
49-In-114m1
Cross Section (barns)
Incident Energy (MeV)
88
52-Te-118


MAT 5219
(n,d) α
52-Te-118
Radionuclide Production Cross Section
49-In-113g
49-In-113m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^-14
6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
89
Incident Energy (MeV)
52-Te-118