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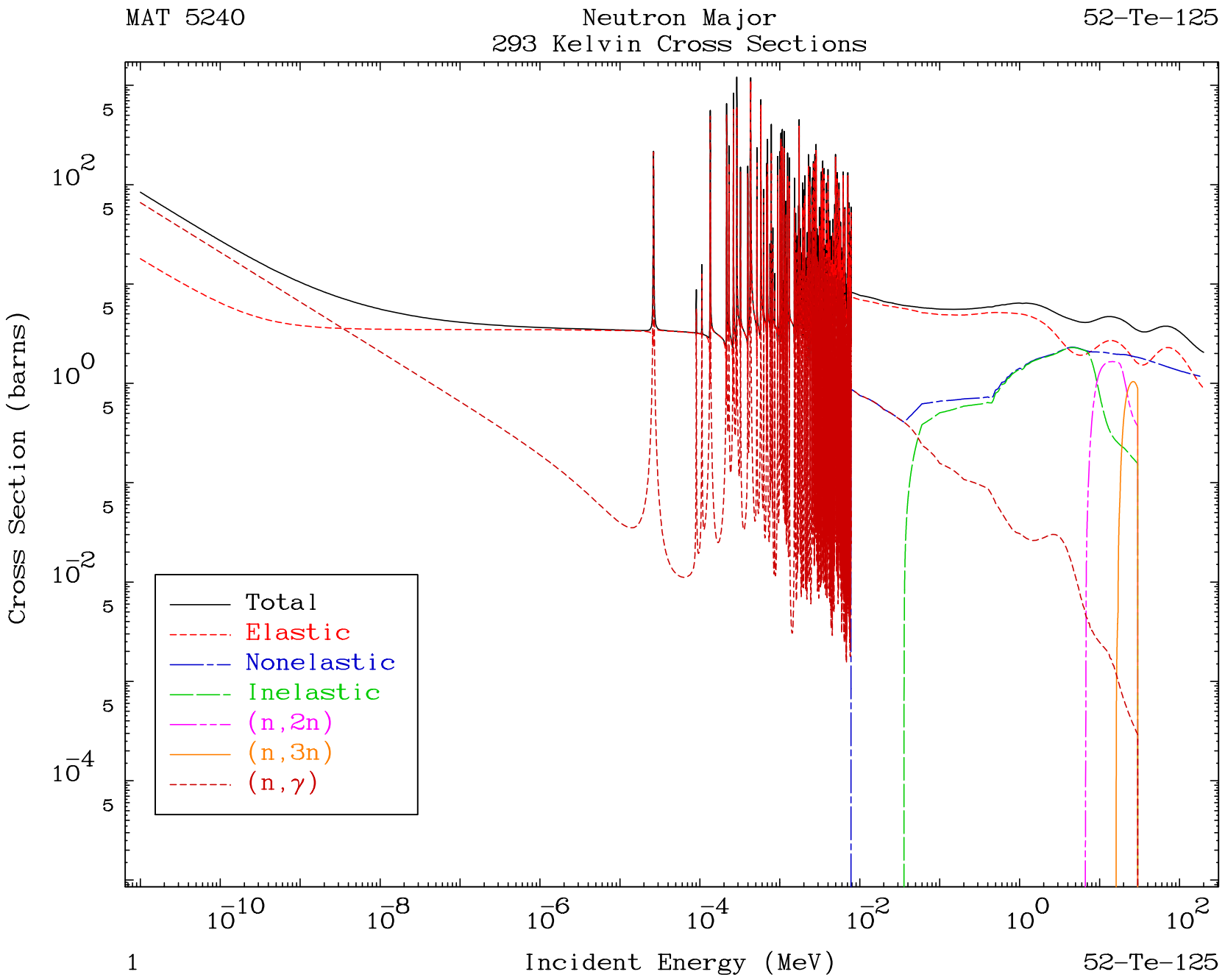
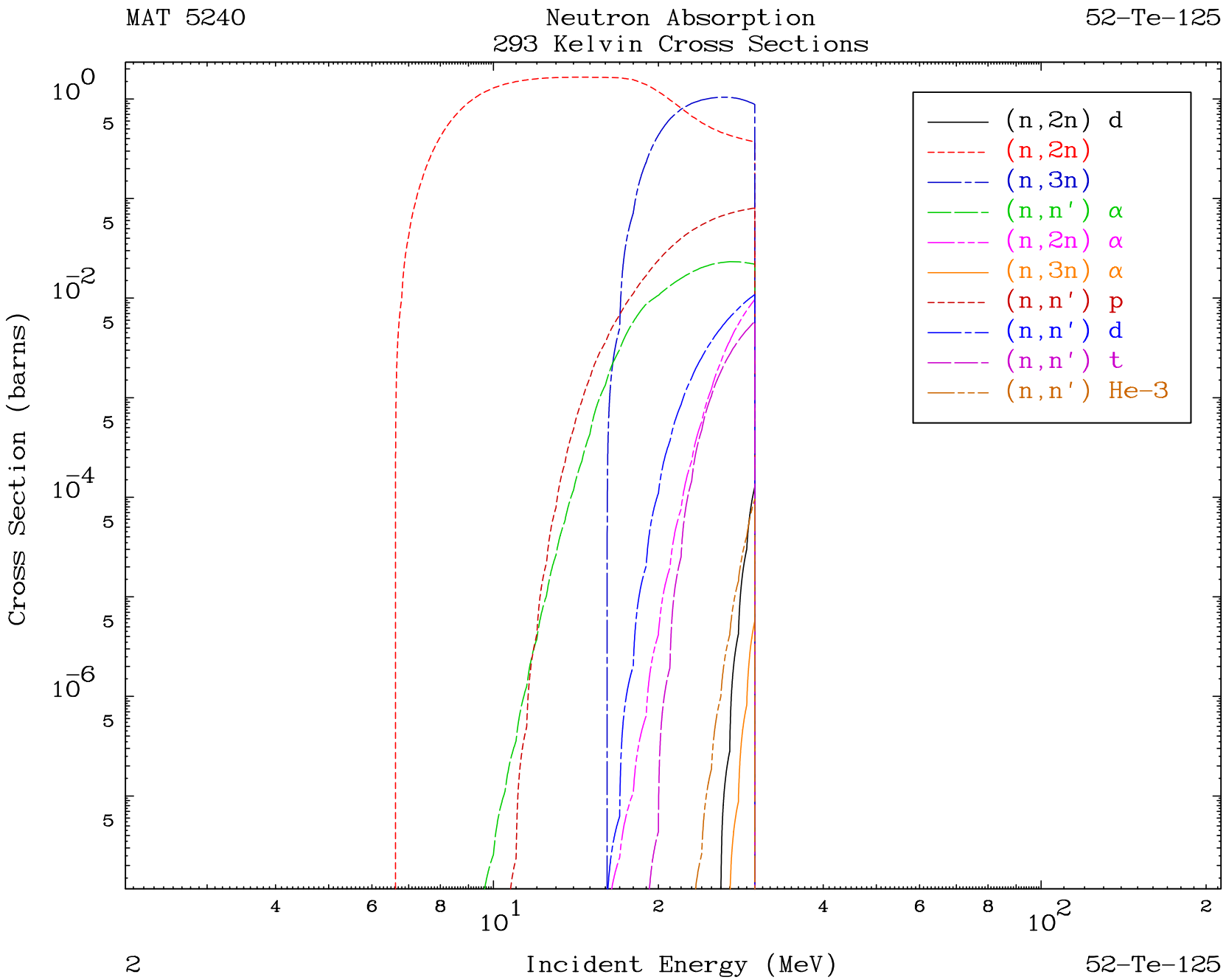
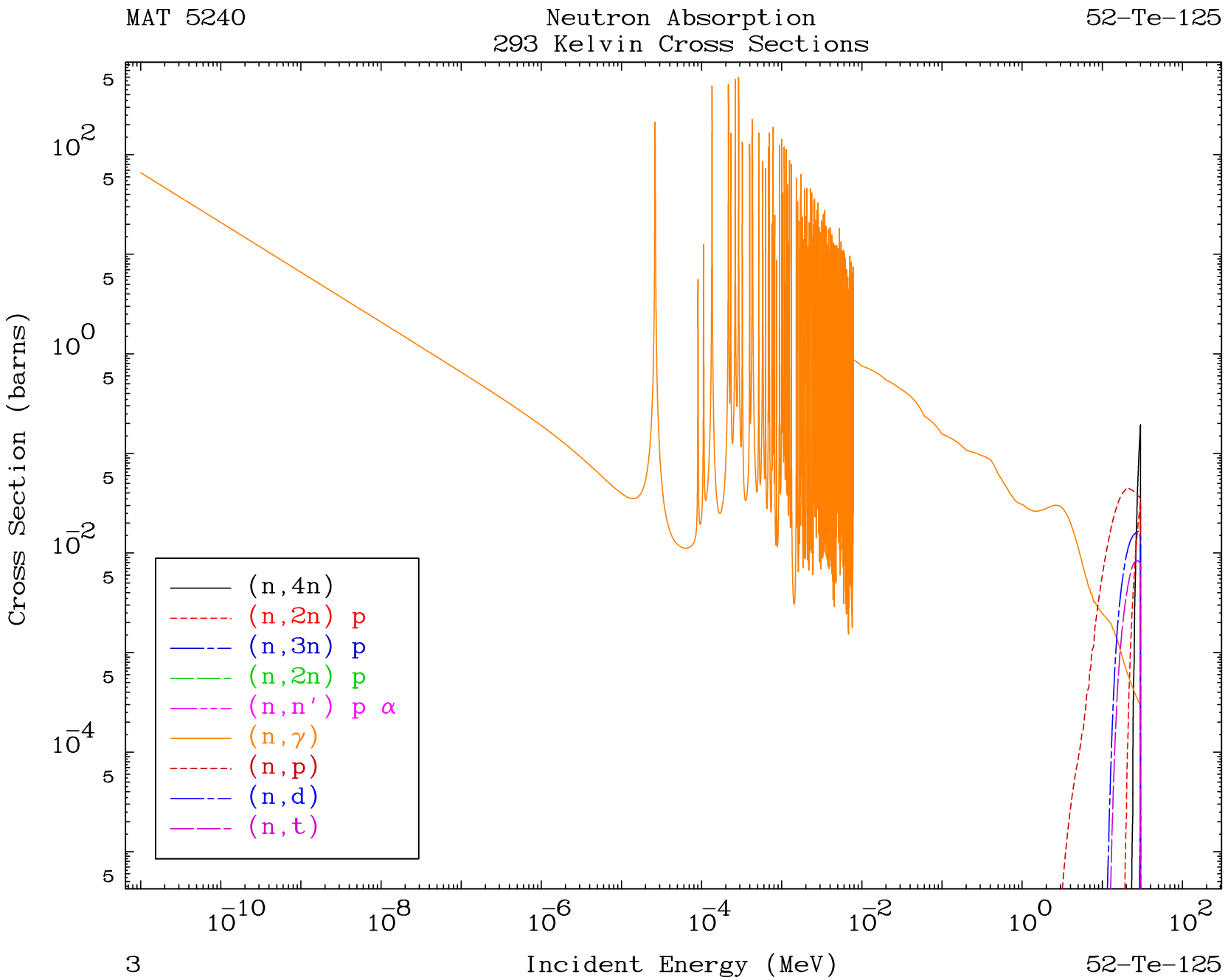
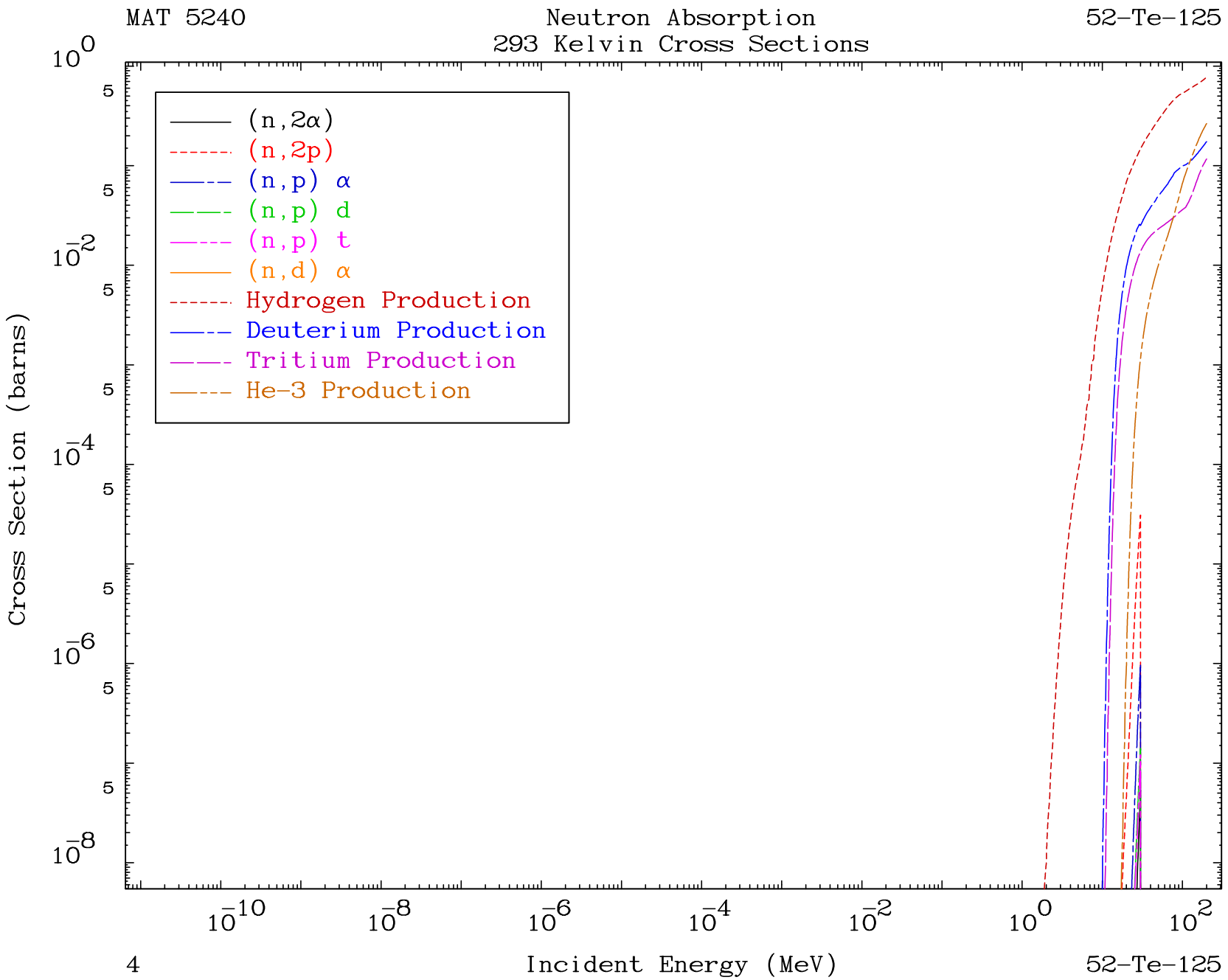
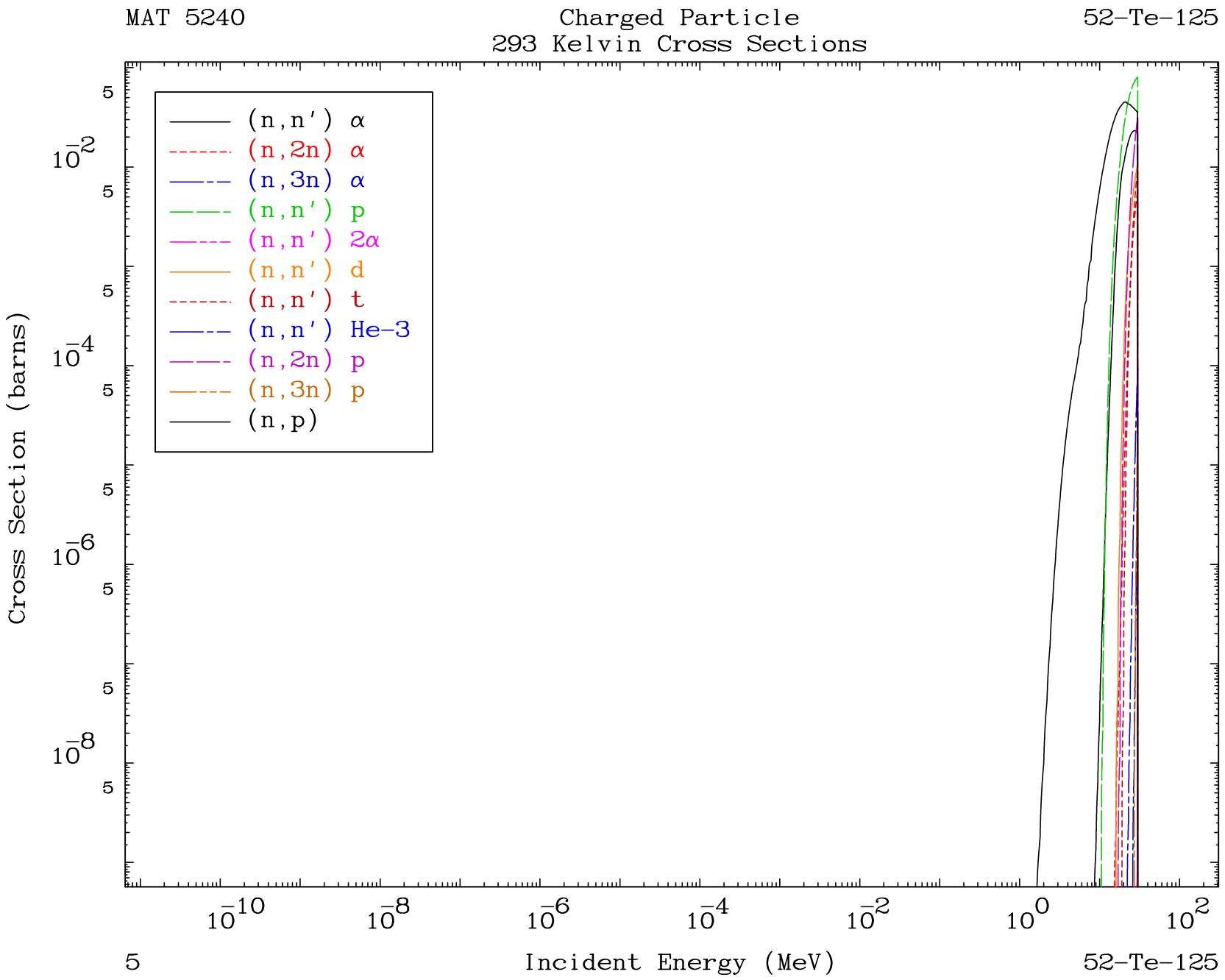
Press Mouse Button to Start

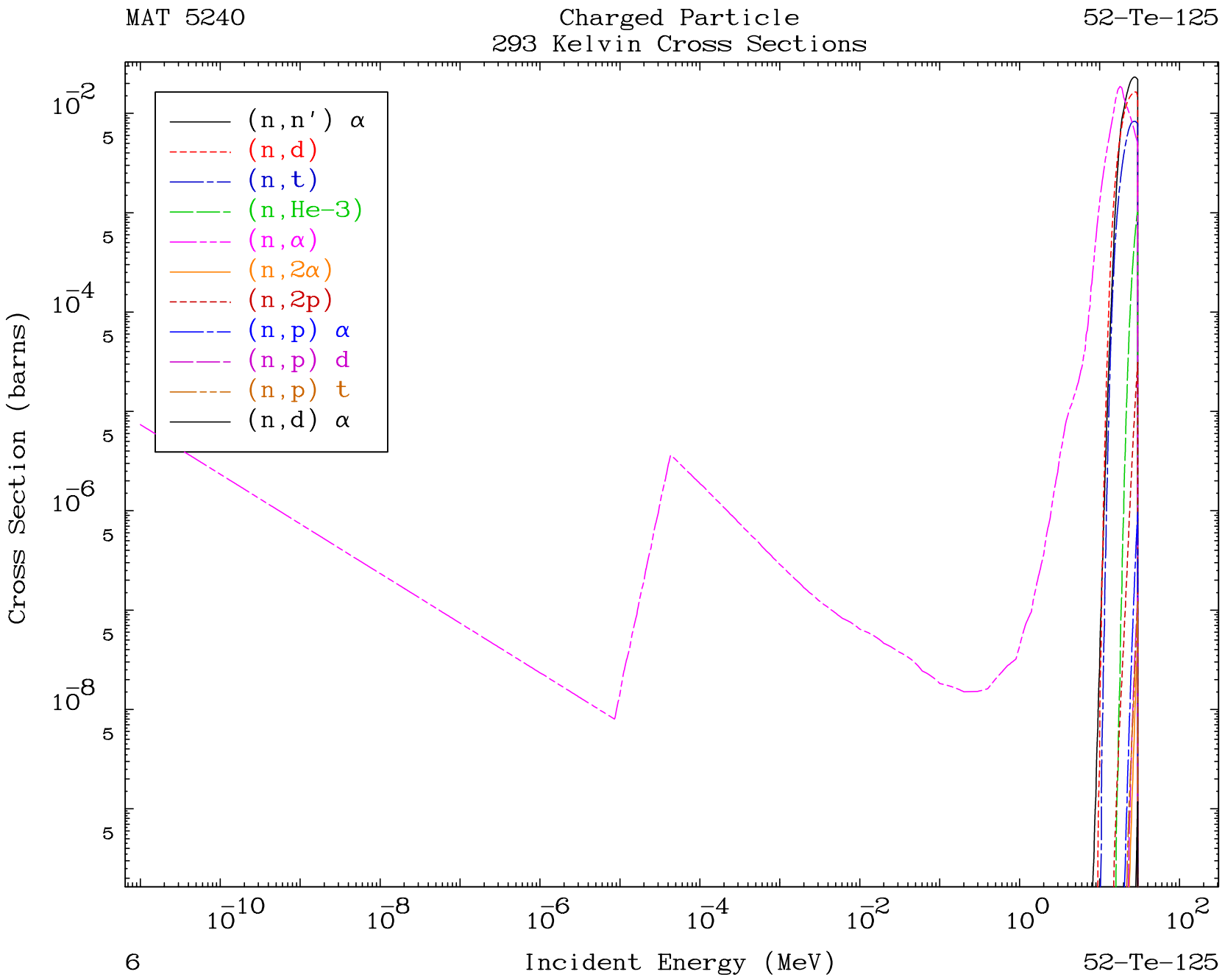

MAT 5240
Neutron Major
293 Kelvin Cross Sections
52-Te-125
Cross Section (barns)
Incident Energy (MeV)
Total
Elastic
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
1
52-Te-125

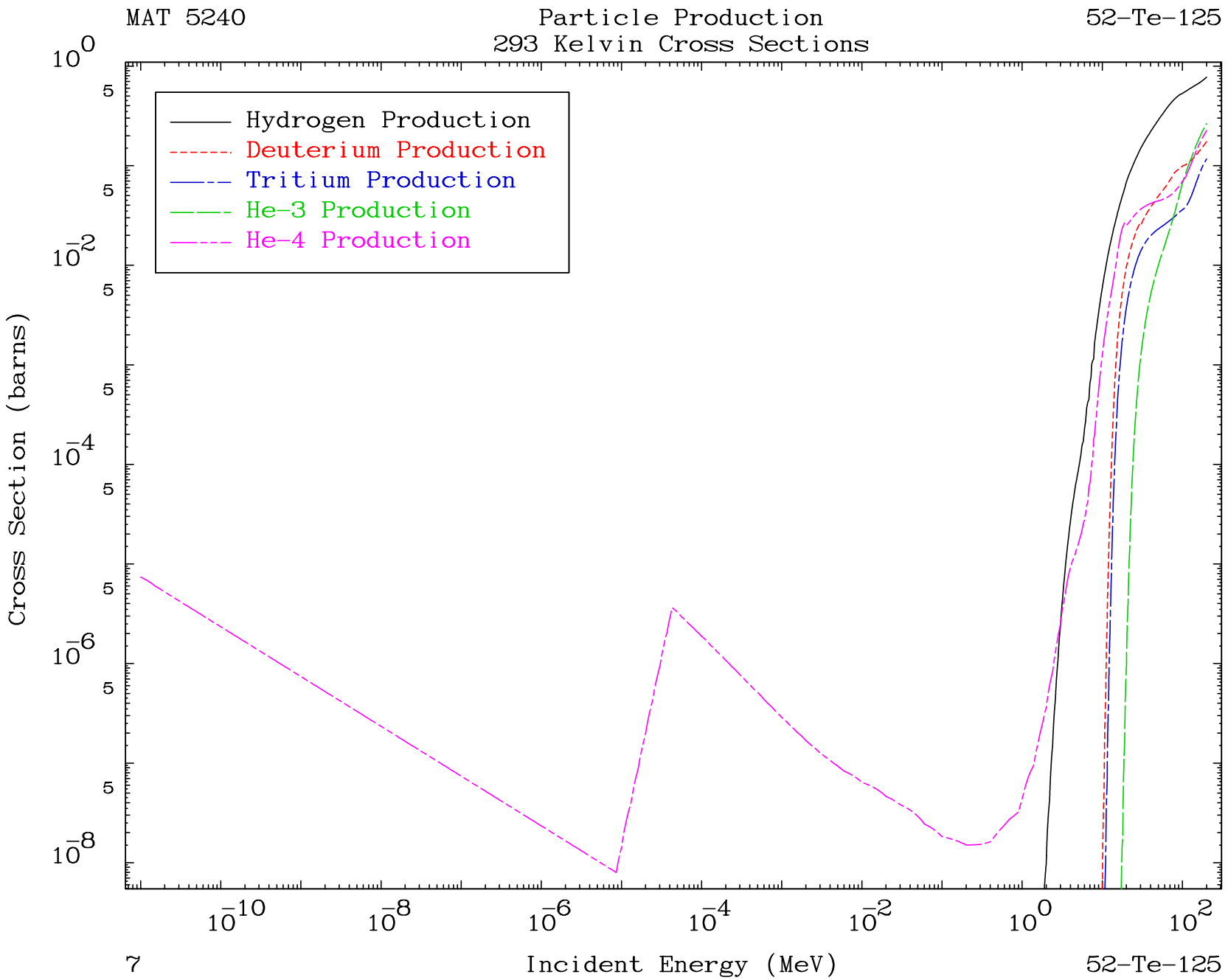

MAT 5240
Neutron Absorption
293 Kelvin Cross Sections
52-Te-125
Cross Section (barns)
Incident Energy (MeV)
52-Te-125
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
(n,n') He-3

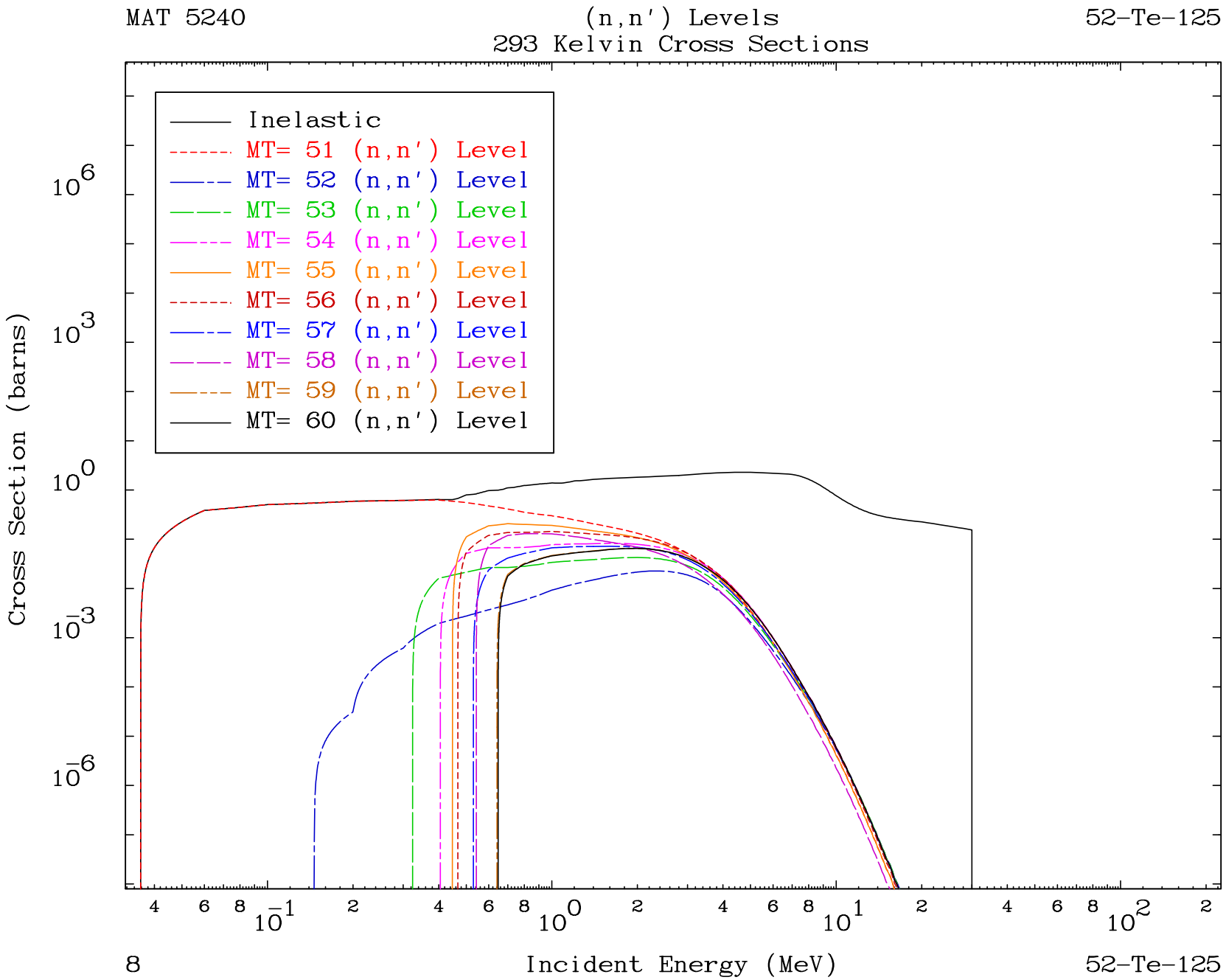

MAT 5240
Neutron Absorption
293 Kelvin Cross Sections
52-Te-125
Cross Section (barns)
Incident Energy (MeV)
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
3
52-Te-125

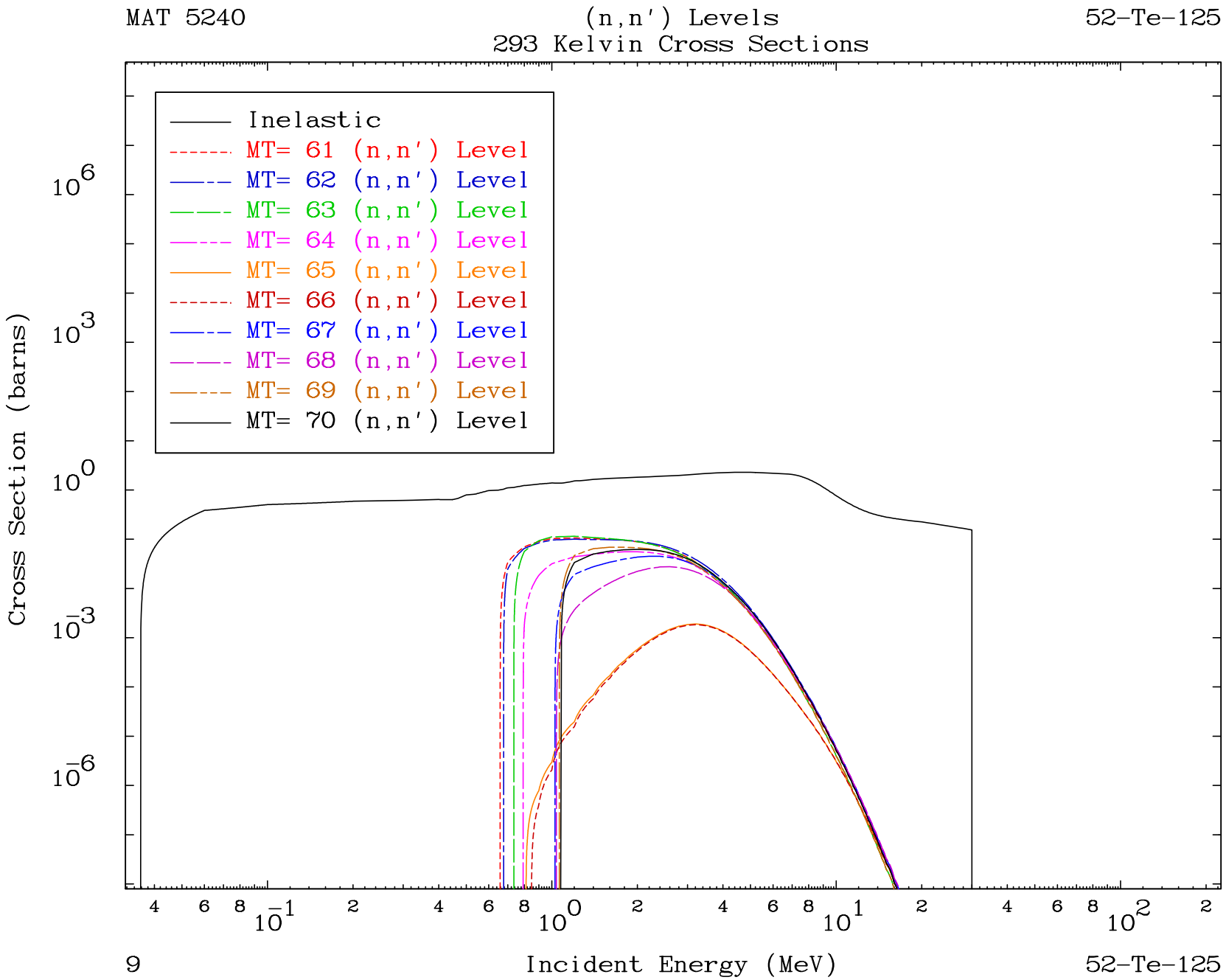

MAT 5240
Neutron Absorption
293 Kelvin Cross Sections
52-Te-125
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Hydrogen Production
Deuterium Production
Tritium Production
He-3 Production
Cross Section (barns)
Incident Energy (MeV)
4
52-Te-125

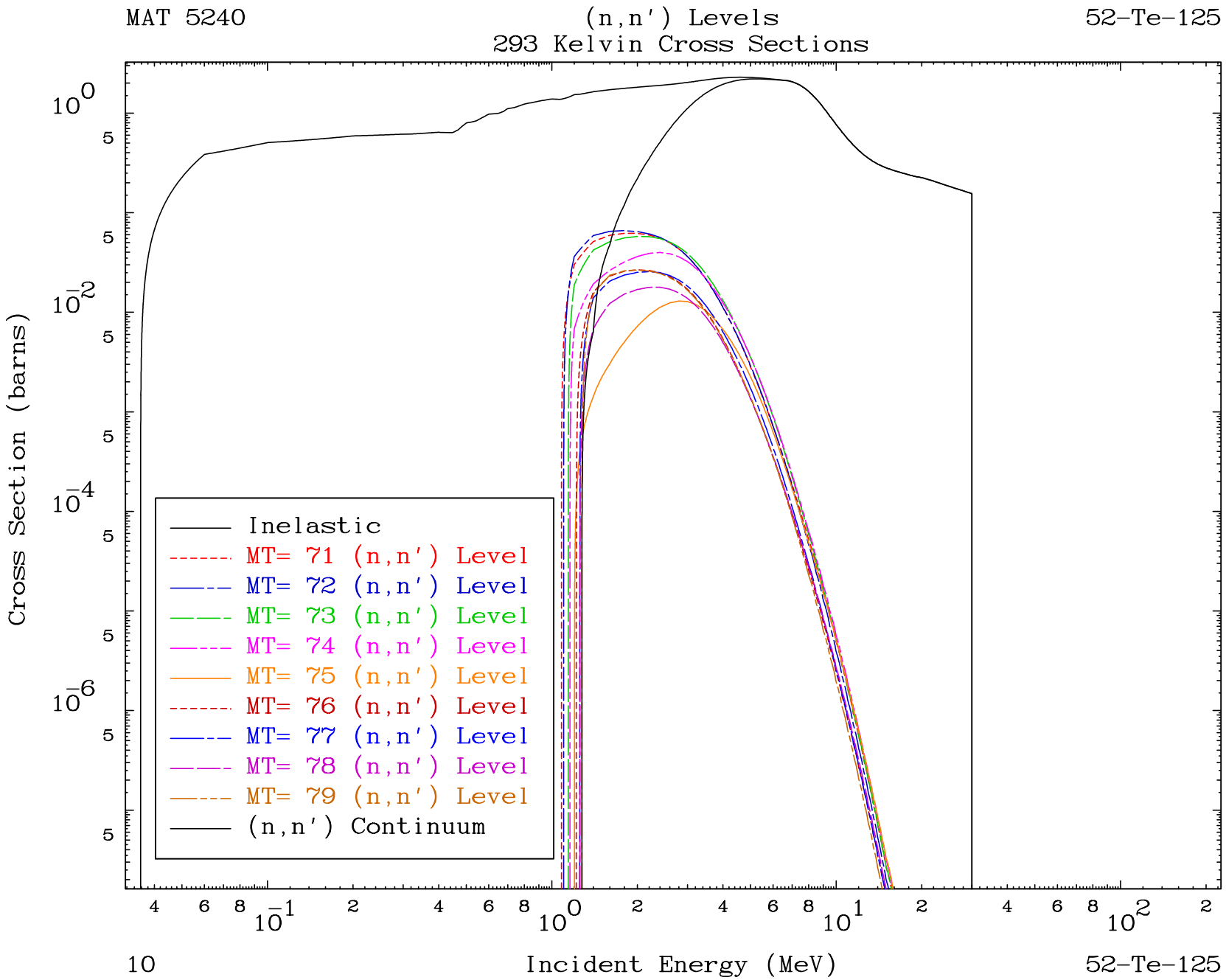

MAT 5240
Charged Particle
293 Kelvin Cross Sections
52-Te-125
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
Cross Section (barns)
Incident Energy (MeV)
52-Te-125

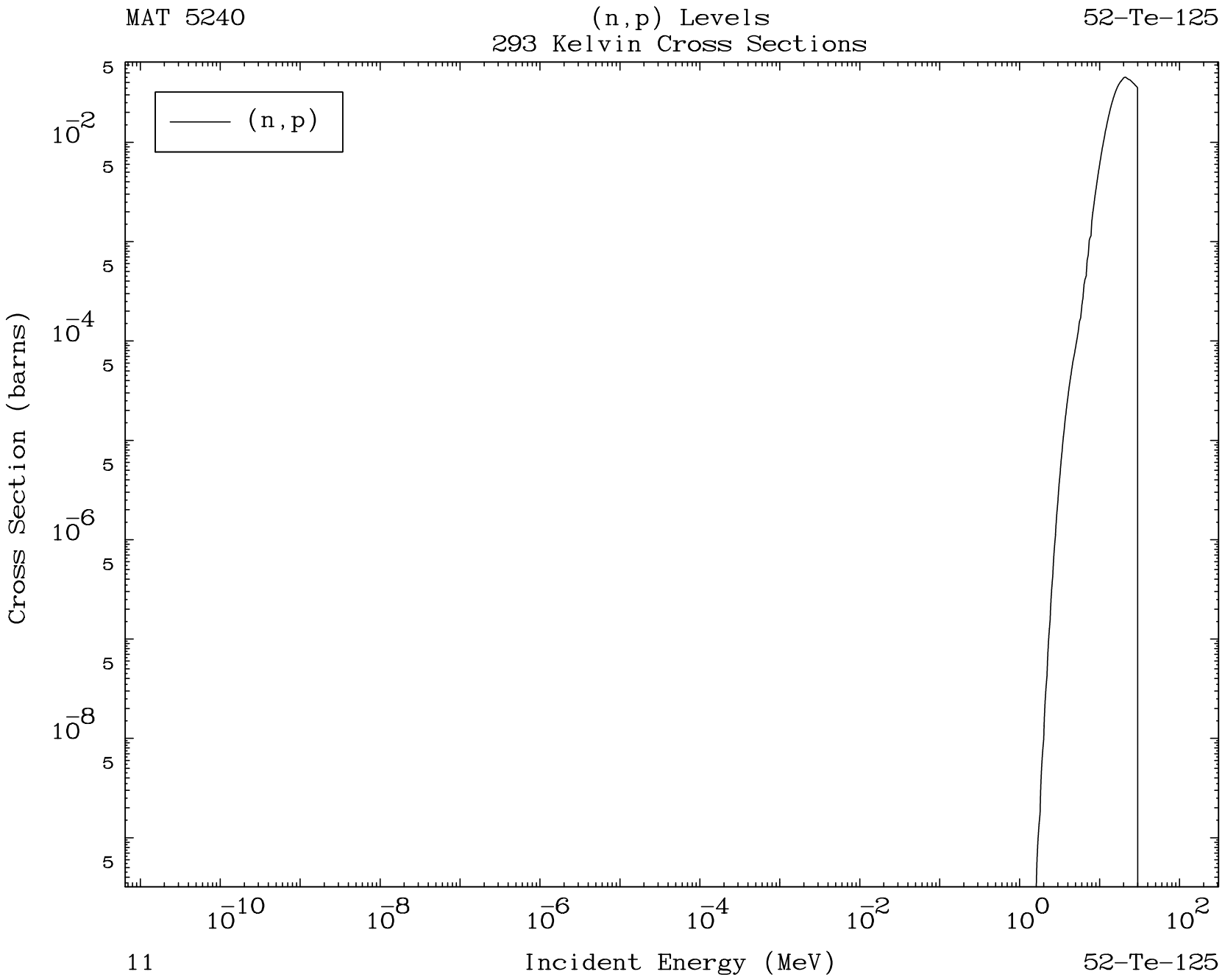

MAT 5240
Charged Particle
293 Kelvin Cross Sections
52-Te-125
(n,n') α
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
6
52-Te-125

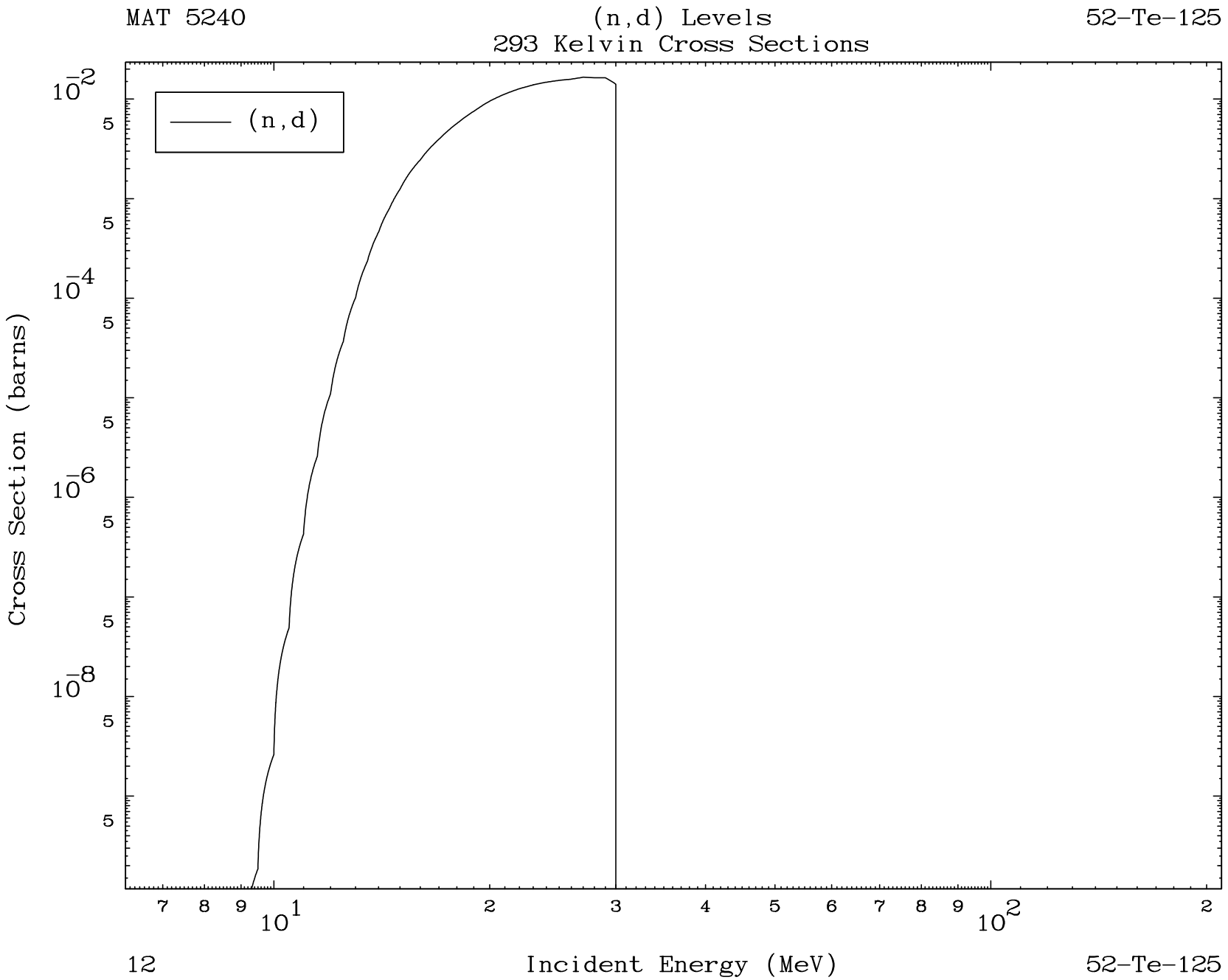

MAT 5240
Particle Production
293 Kelvin Cross Sections
52-Te-125
Hydrogen Production
Deuterium Production
Tritium Production
He-3 Production
He-4 Production
Cross Section (barns)
Incident Energy (MeV)
7
52-Te-125

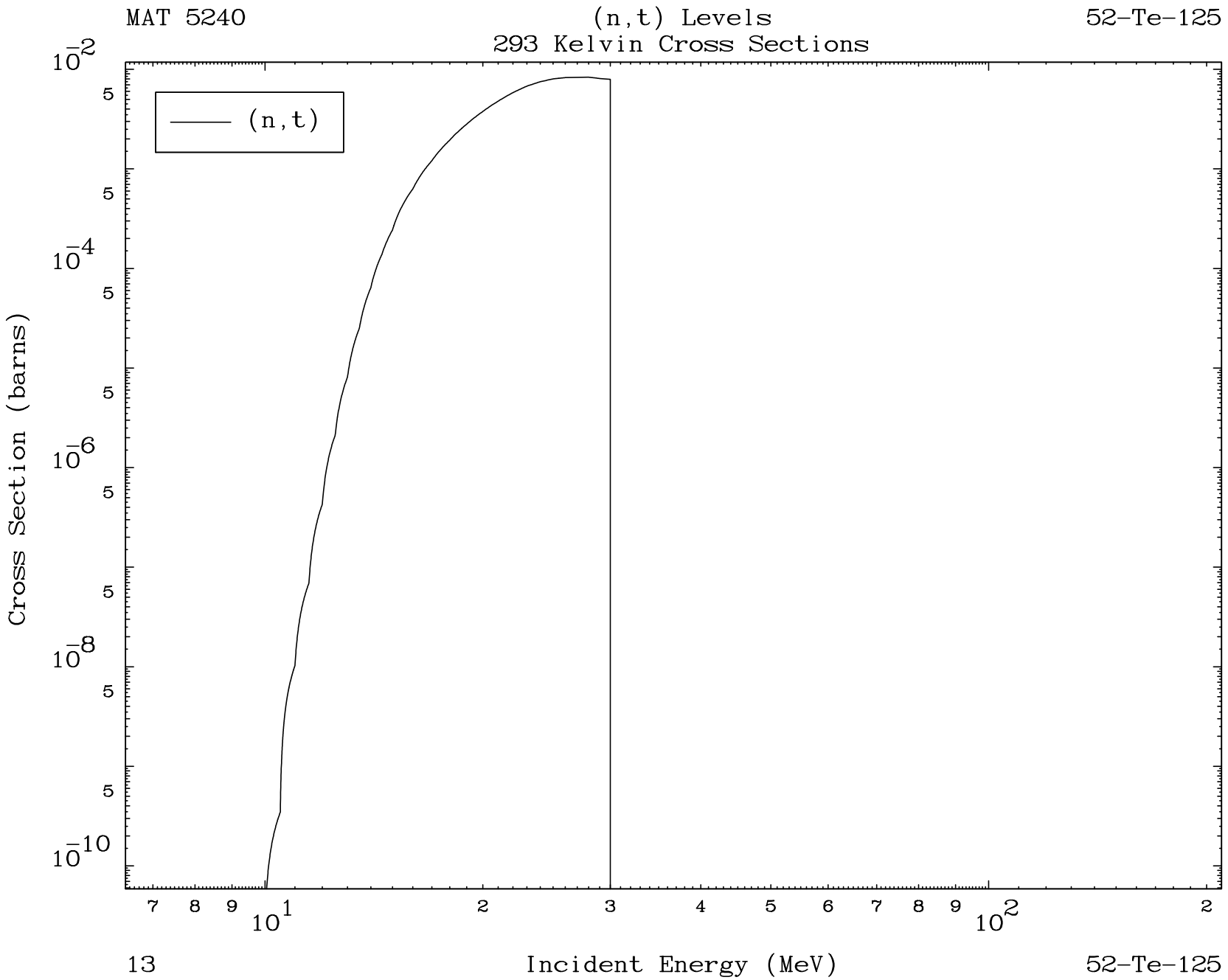

MAT 5240
(n,n') Levels
52-Te-125
293 Kelvin Cross Sections
Inelastic
MT= 51 (n,n') Level
MT= 52 (n,n') Level
MT= 53 (n,n') Level
MT= 54 (n,n') Level
MT= 55 (n,n') Level
MT= 56 (n,n') Level
MT= 57 (n,n') Level
MT= 58 (n,n') Level
MT= 59 (n,n') Level
MT= 60 (n,n') Level
Cross Section (barns)
10^6
10^3
10^0
10^-3
10^-6
10^-1
10^0
10^1
10^2
Incident Energy (MeV)
8
52-Te-125

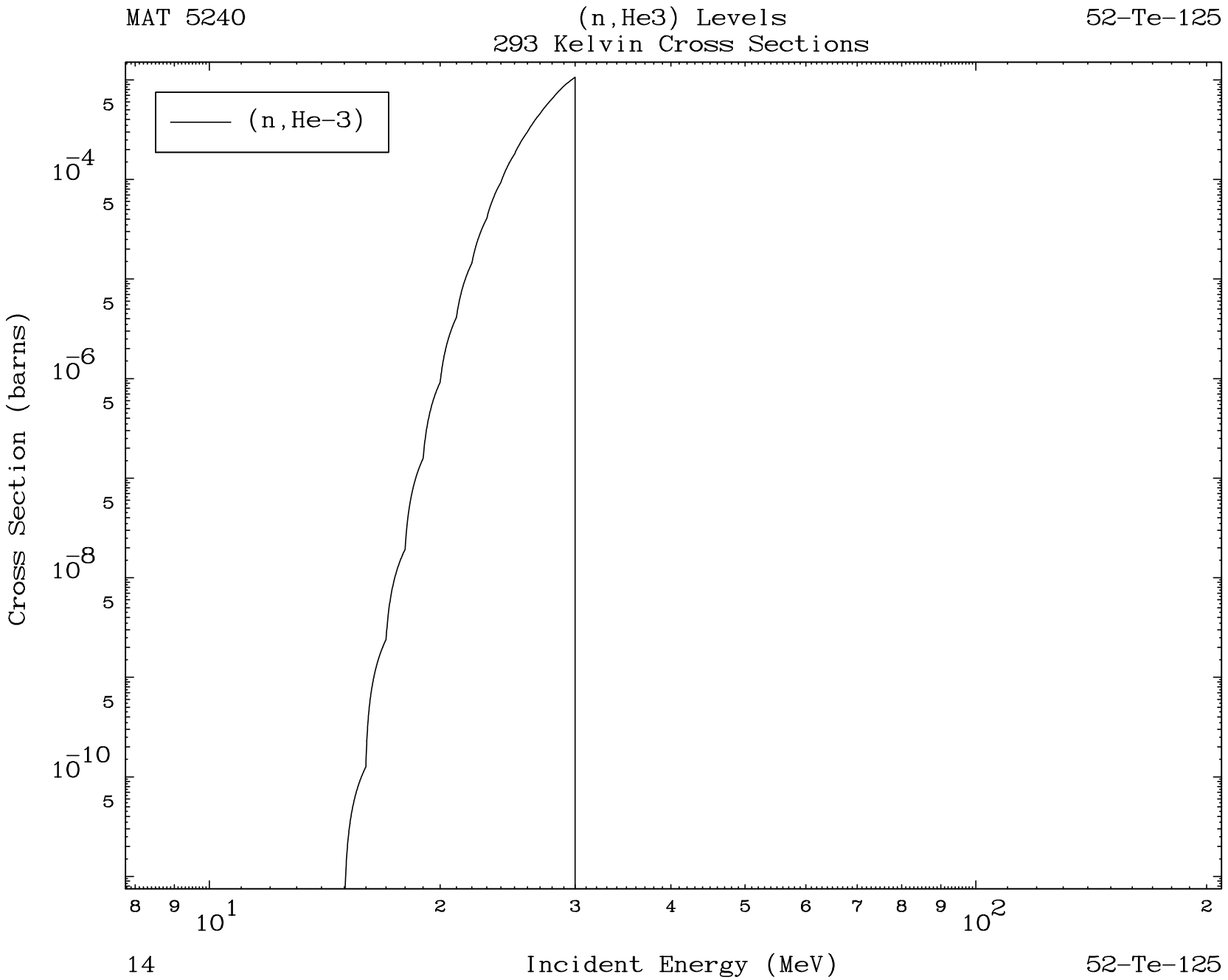

MAT 5240
(n,n') Levels
52-Te-125
293 Kelvin Cross Sections
Inelastic
MT= 61 (n,n') Level
MT= 62 (n,n') Level
MT= 63 (n,n') Level
MT= 64 (n,n') Level
MT= 65 (n,n') Level
MT= 66 (n,n') Level
MT= 67 (n,n') Level
MT= 68 (n,n') Level
MT= 69 (n,n') Level
MT= 70 (n,n') Level
Cross Section (barns)
Incident Energy (MeV)
9
52-Te-125

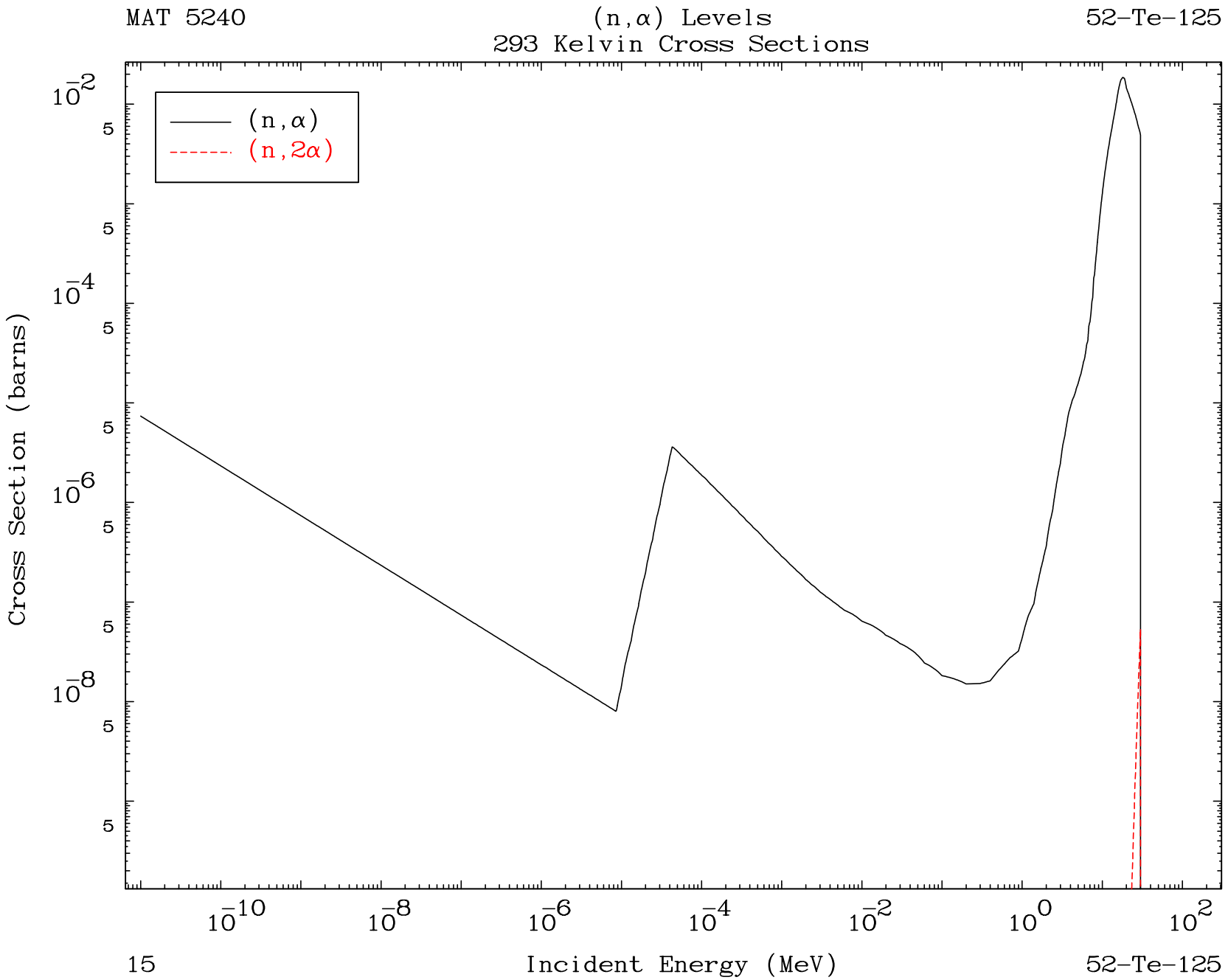

MAT 5240
(n,n') Levels
293 Kelvin Cross Sections
52-Te-125
Cross Section (barns)
Incident Energy (MeV)
Inelastic
MT= 71 (n,n') Level
MT= 72 (n,n') Level
MT= 73 (n,n') Level
MT= 74 (n,n') Level
MT= 75 (n,n') Level
MT= 76 (n,n') Level
MT= 77 (n,n') Level
MT= 78 (n,n') Level
MT= 79 (n,n') Level
(n,n') Continuum
52-Te-125

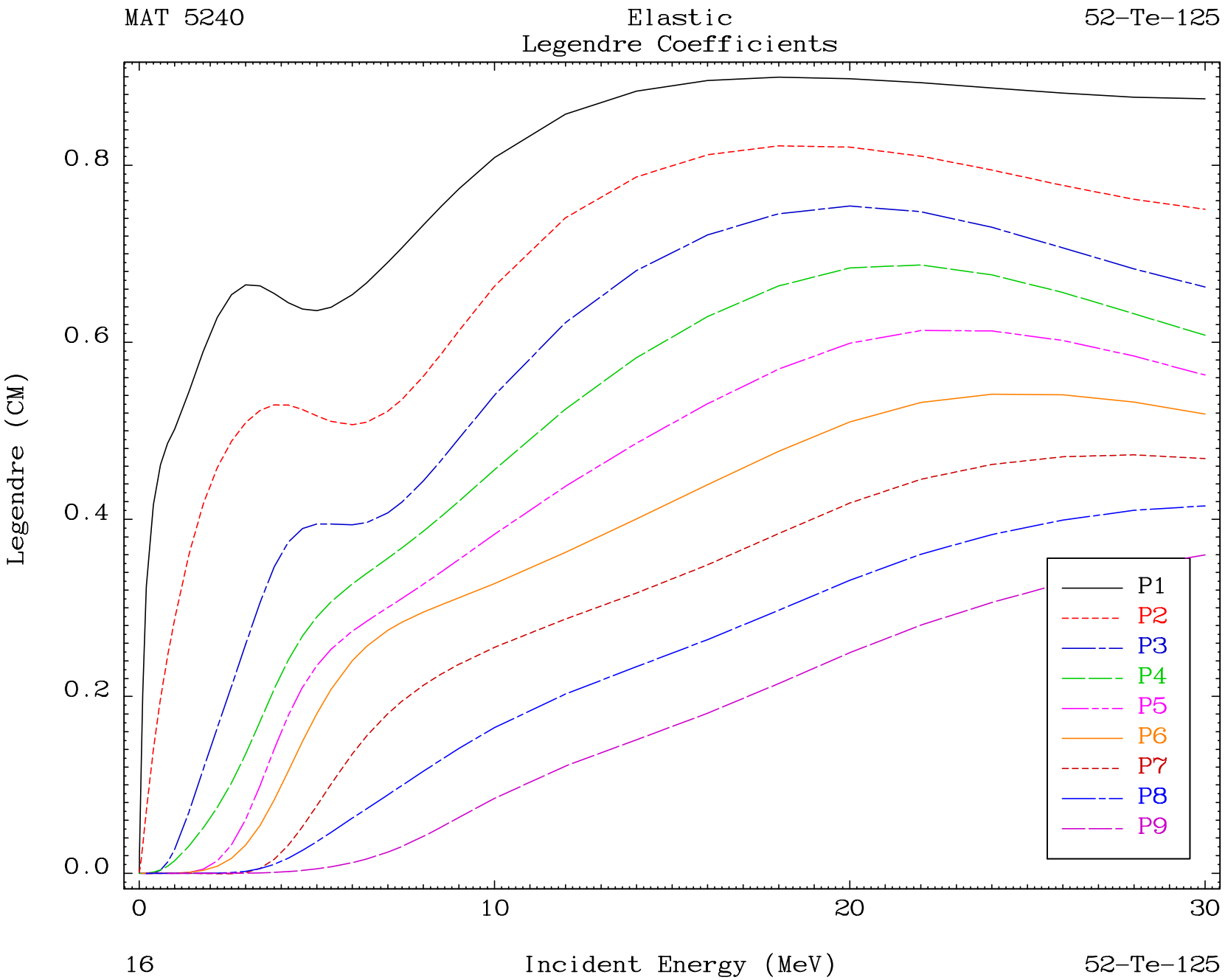

MAT 5240
(n,p) Levels
52-Te-125
293 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
11
52-Te-125

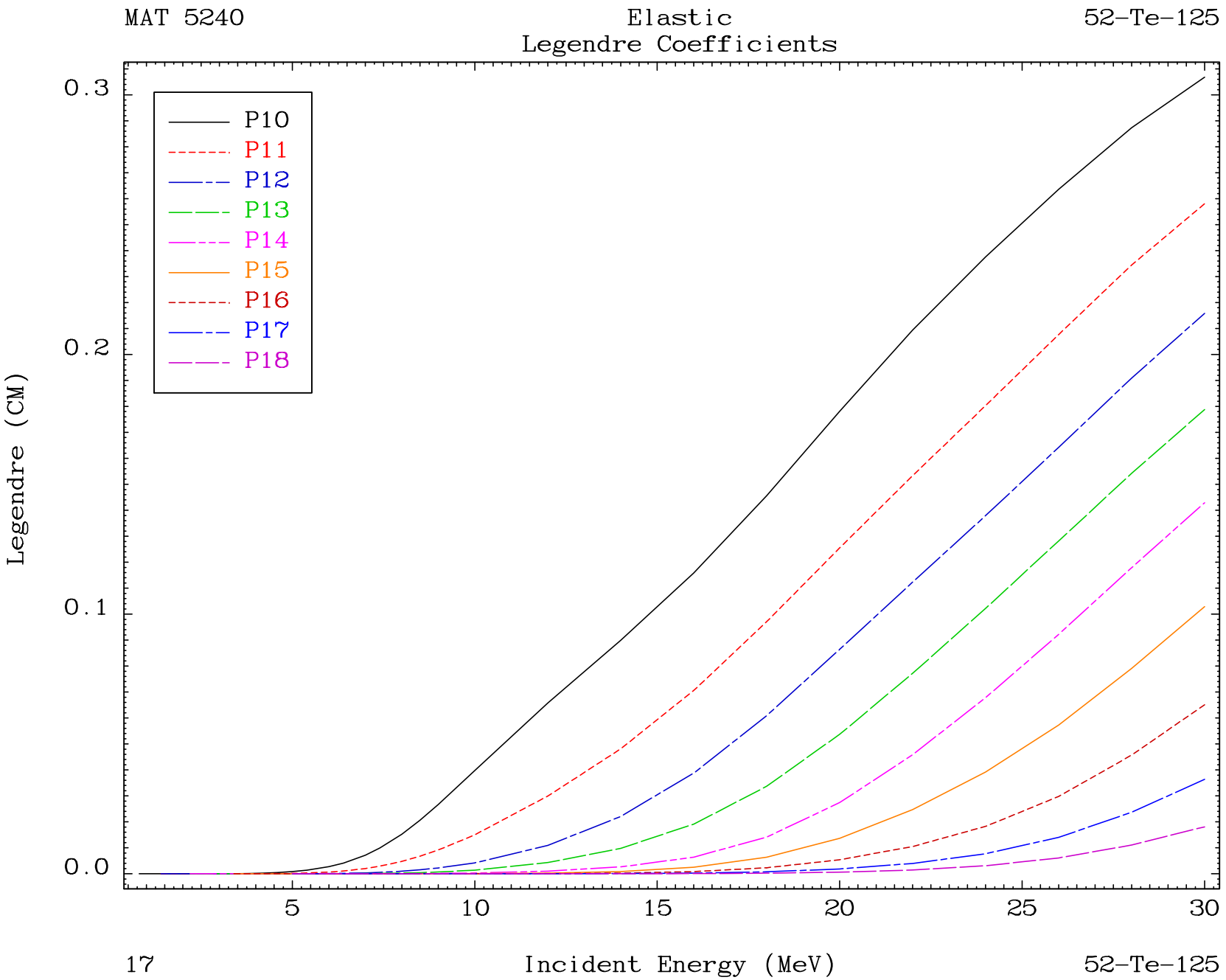

MAT 5240
(n,d) Levels
52-Te-125
293 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
12
52-Te-125

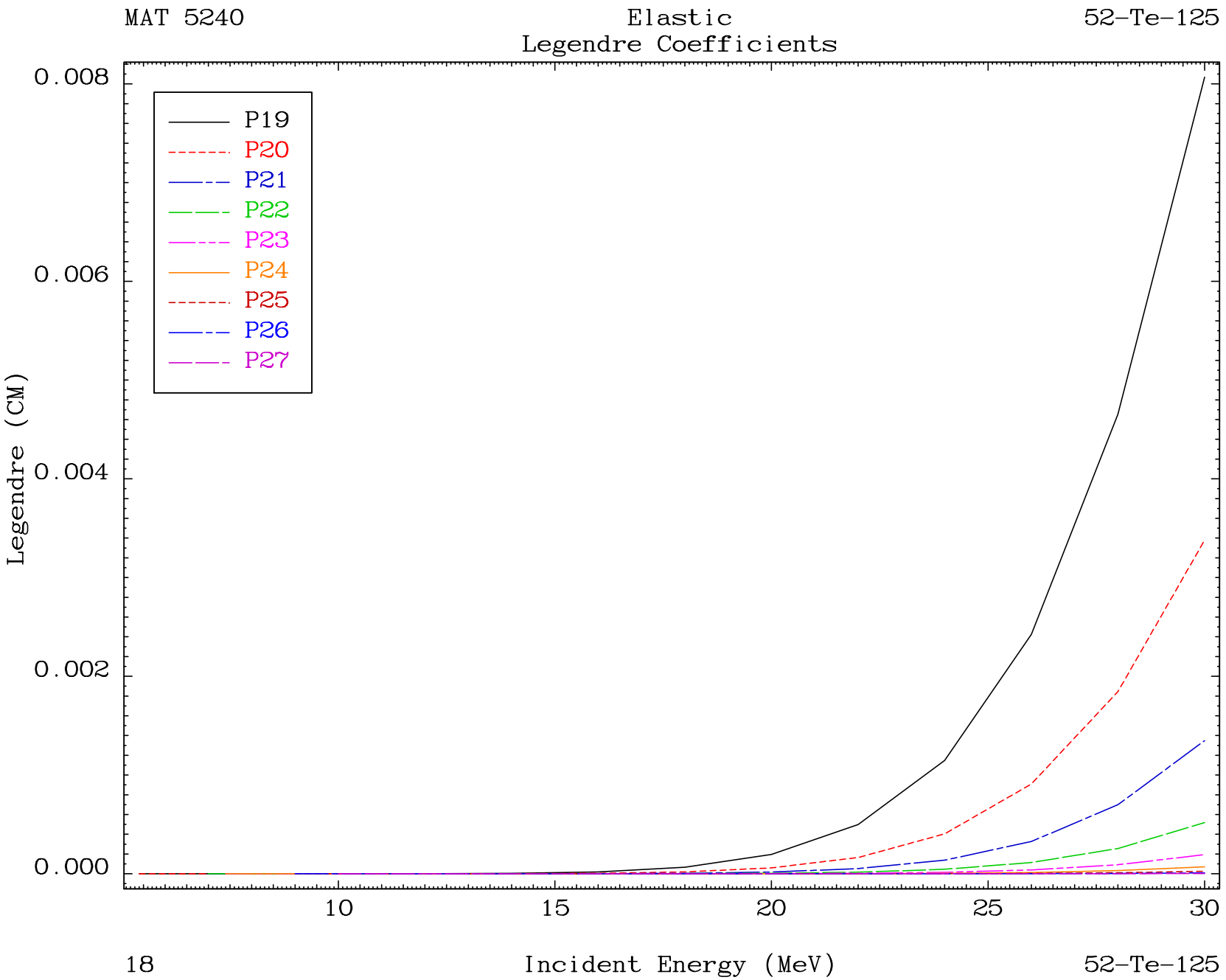

MAT 5240
(n,t) Levels
52-Te-125
293 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
13
52-Te-125

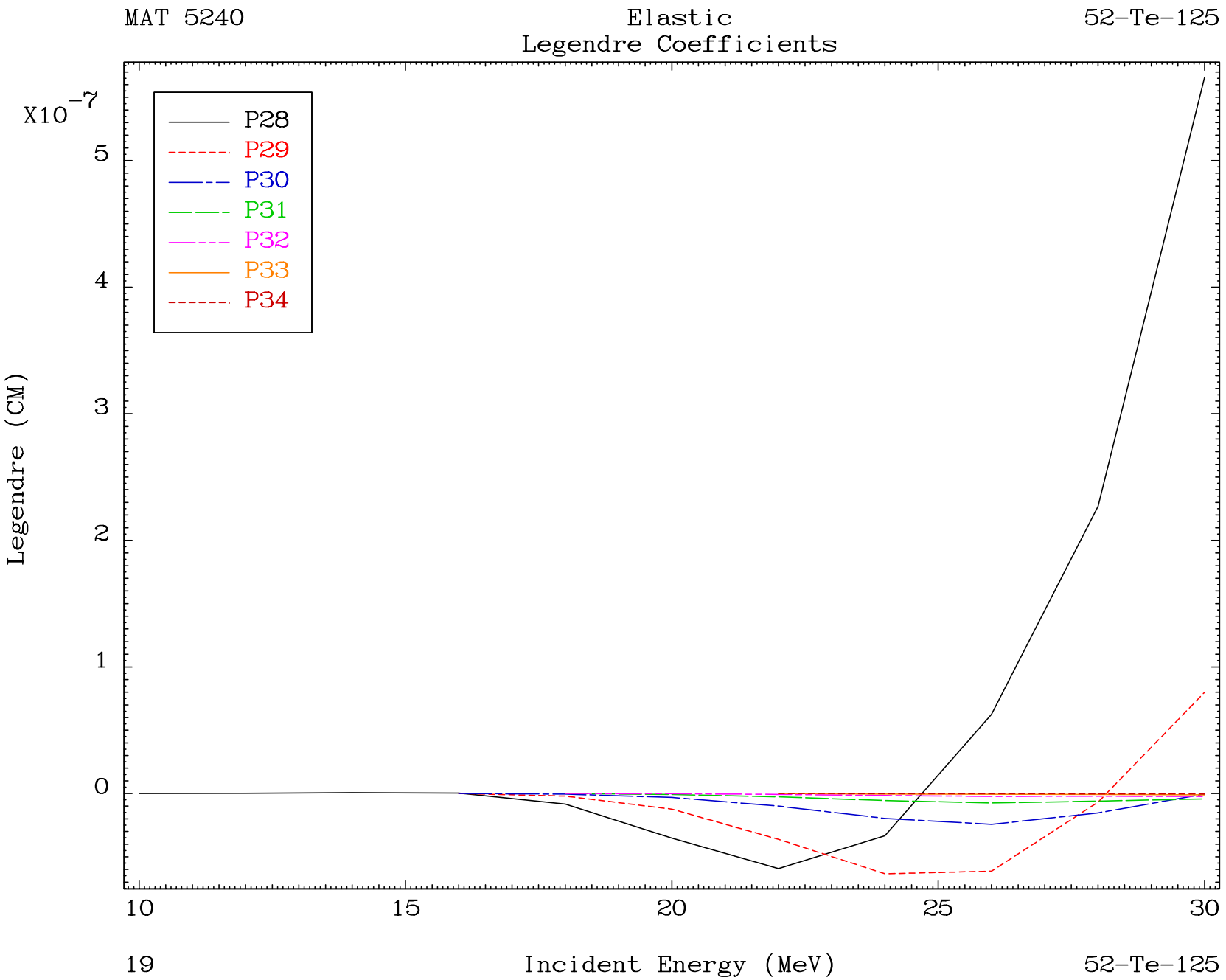

MAT 5240
(n,He3) Levels
52-Te-125
293 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
14
Incident Energy (MeV)
52-Te-125

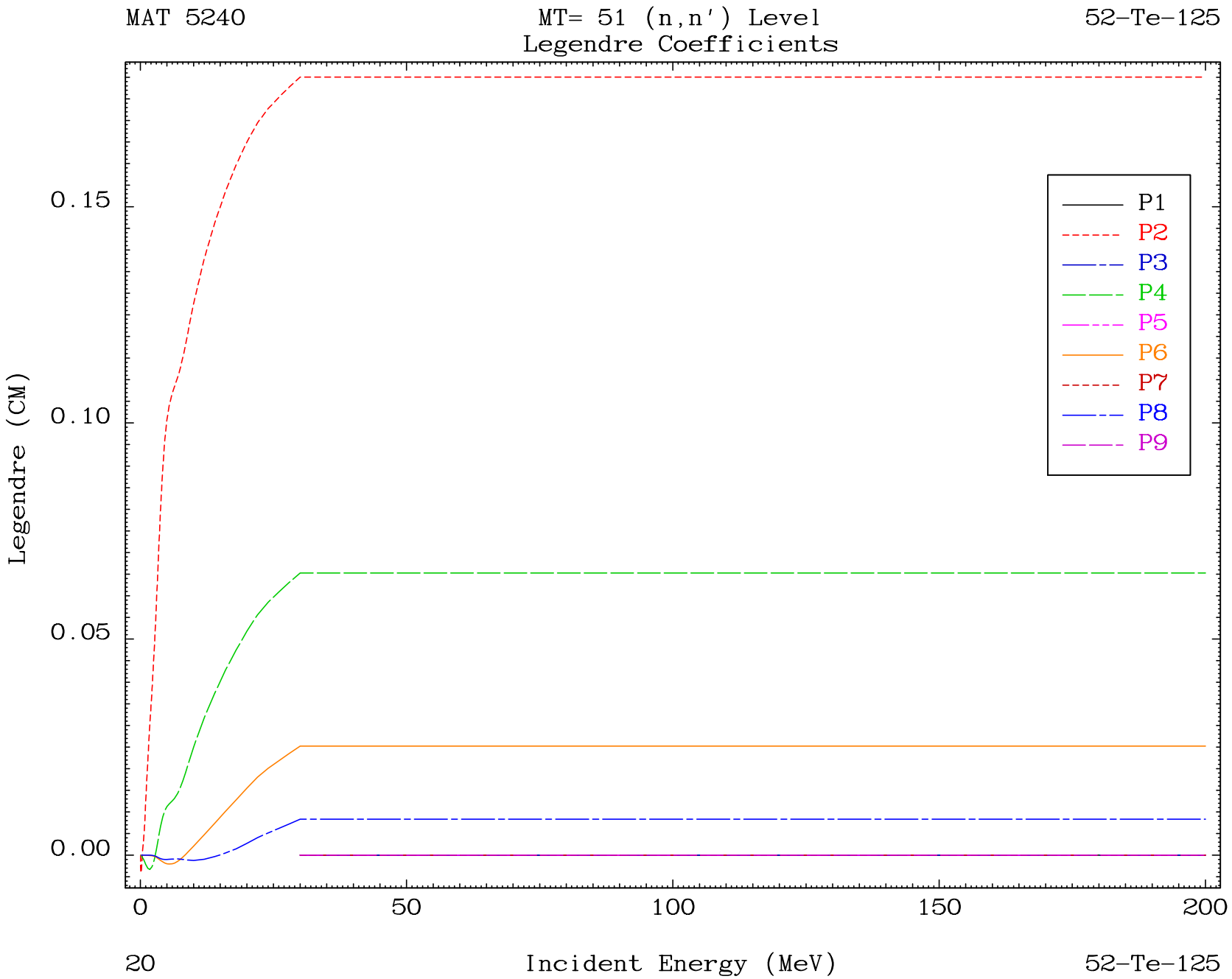

MAT 5240
(n,α) Levels
52-Te-125
293 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
10-2
10-4
10-6
10-8
10-10
100
102
Incident Energy (MeV)
15
52-Te-125

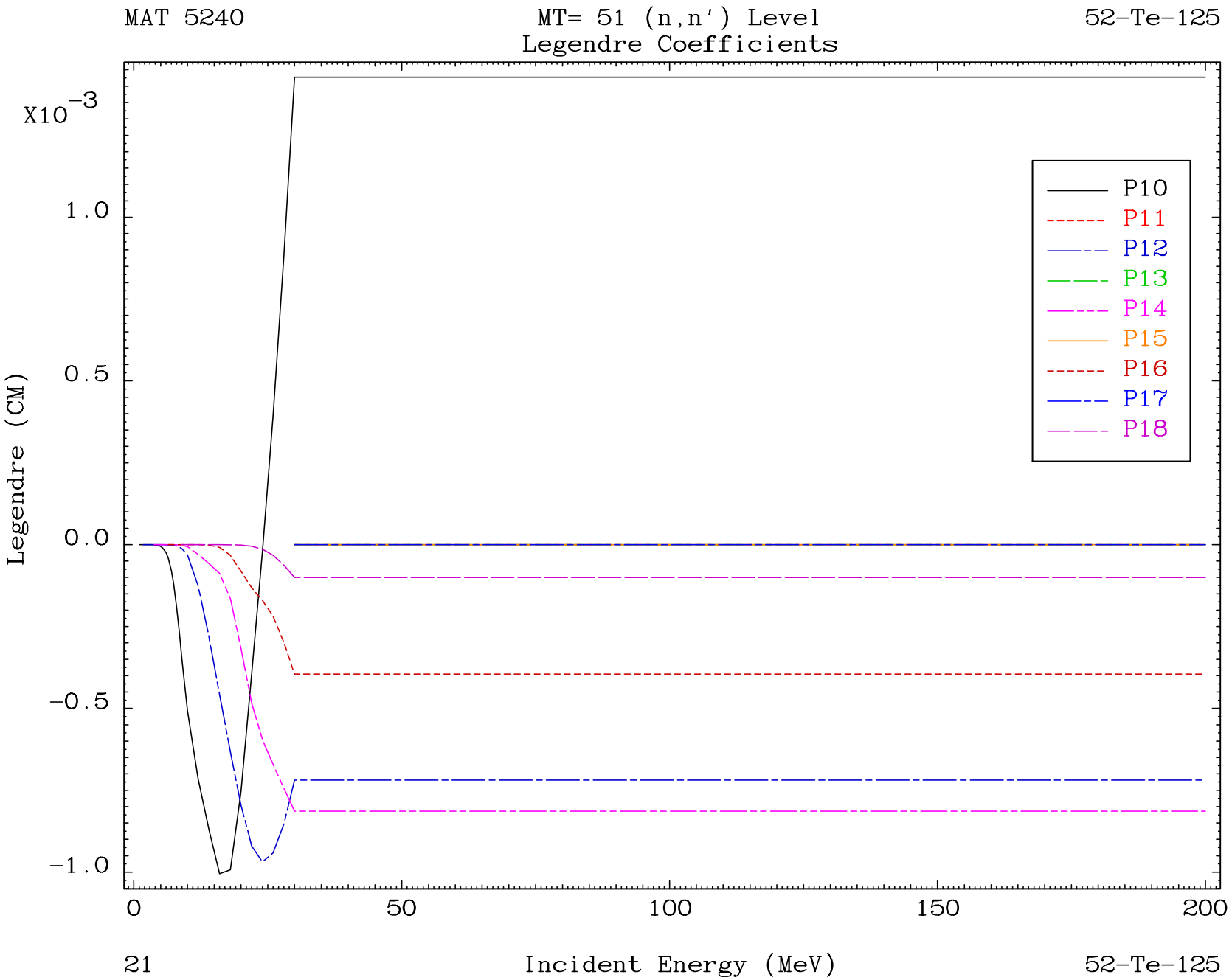

MAT 5240
Elastic
Legendre Coefficients
52-Te-125
Legendre (CM)
0.0
0.2
0.4
0.6
0.8
0
10
20
30
16
Incident Energy (MeV)
52-Te-125
P1
P2
P3
P4
P5
P6
P7
P8
P9

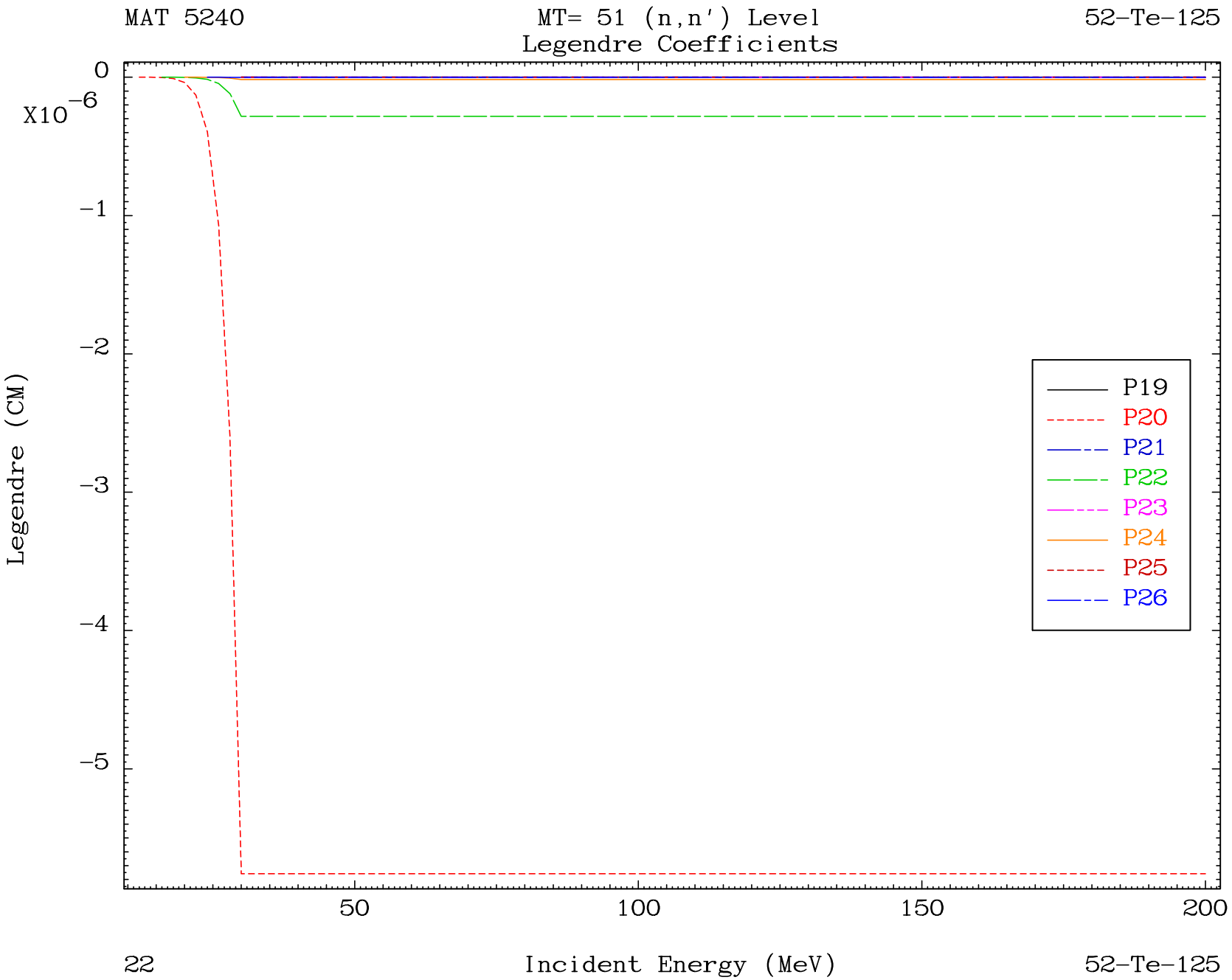

MAT 5240
Elastic
Legendre Coefficients
52-Te-125
P10
P11
P12
P13
P14
P15
P16
P17
P18
0.3
0.2
0.1
0.0
Legendre (CM)
5
10
15
20
25
30
17
Incident Energy (MeV)
52-Te-125

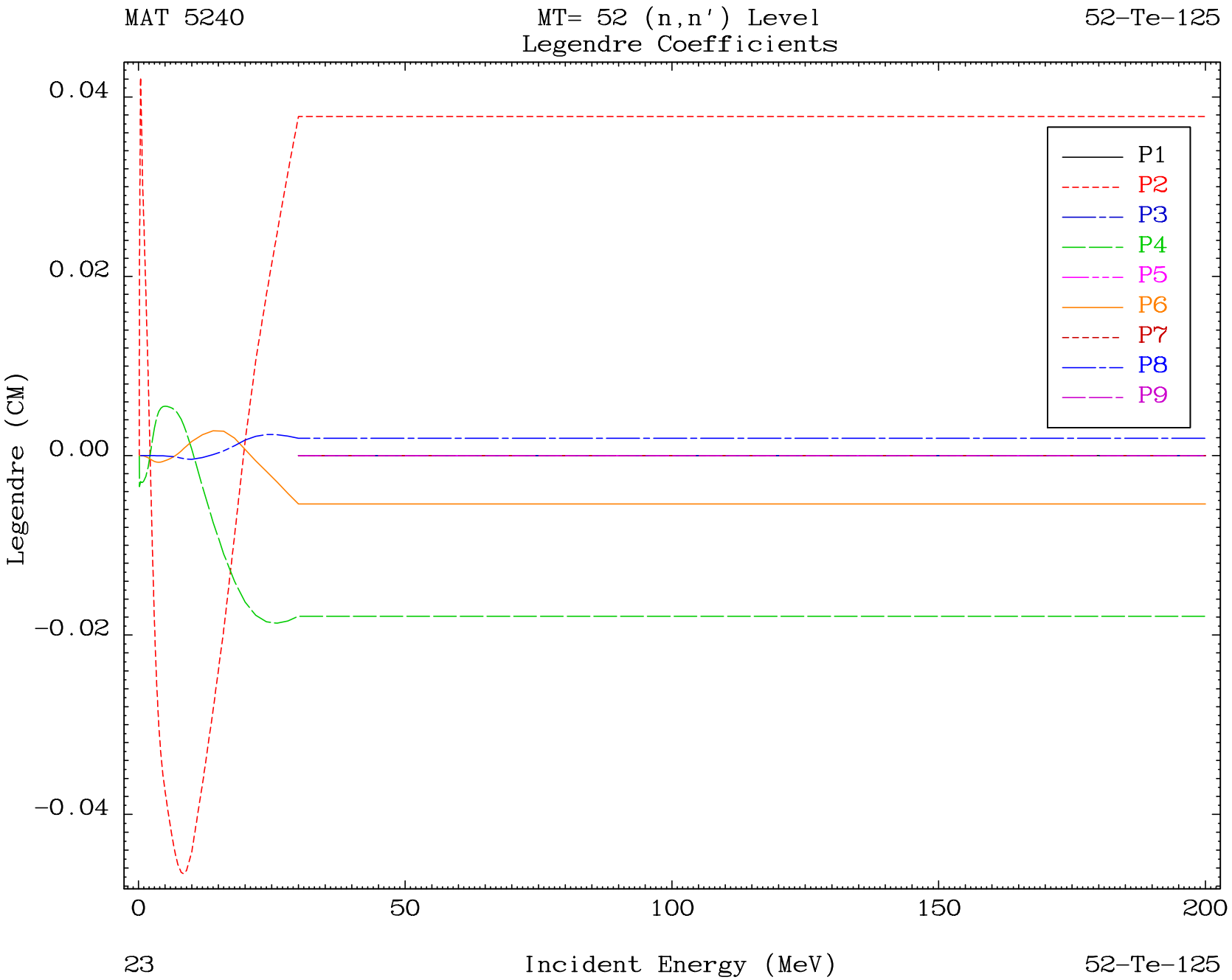

MAT 5240
Elastic
Legendre Coefficients
52-Te-125
P19
P20
P21
P22
P23
P24
P25
P26
P27
0.008
0.006
0.004
0.002
0.000
Legendre (CM)
10
15
20
25
30
18
Incident Energy (MeV)
52-Te-125

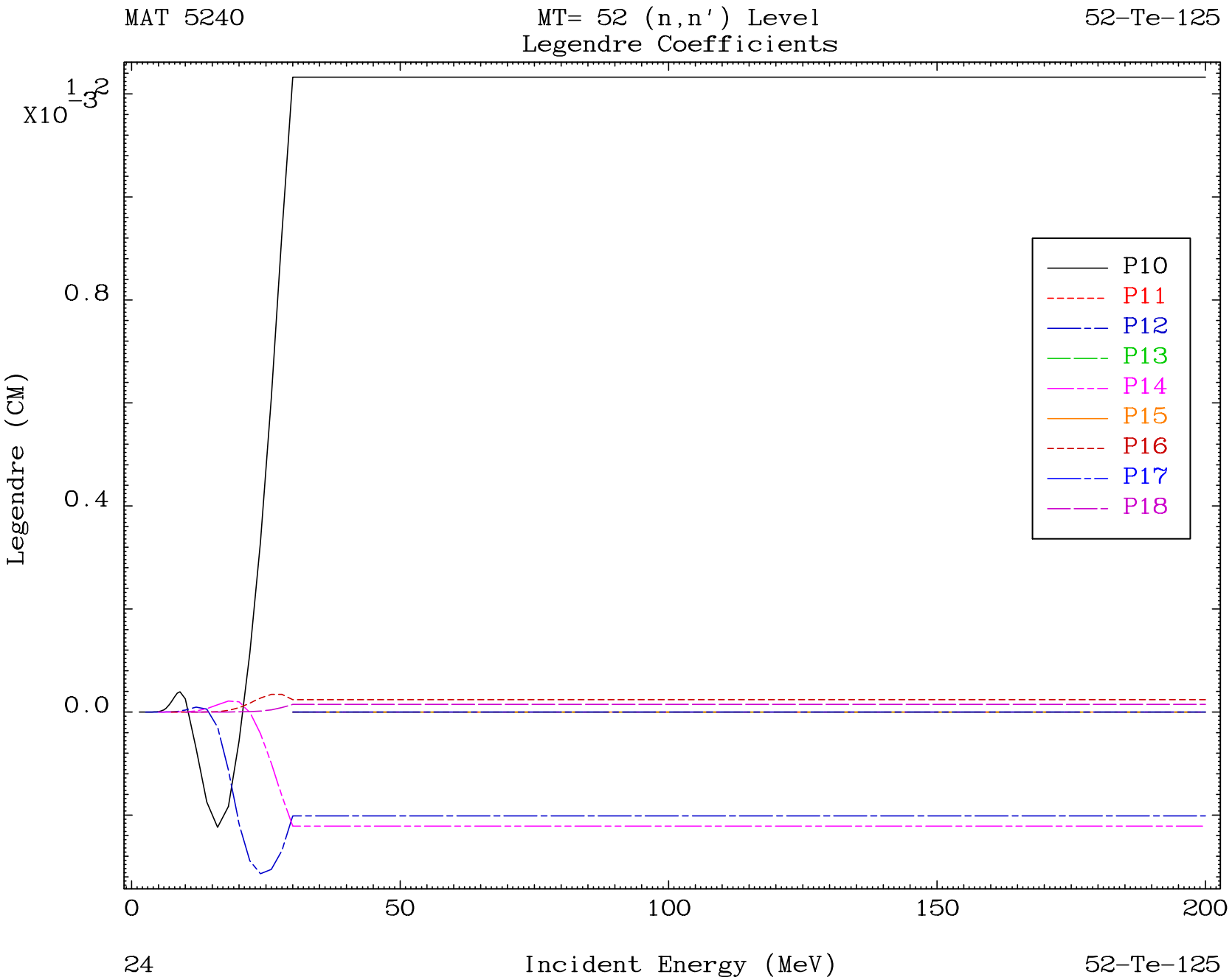

MAT 5240
Elastic
Legendre Coefficients
52-Te-125
X10-7
P28
P29
P30
P31
P32
P33
P34
Legendre (CM)
5
4
3
2
1
0
10
15
20
25
30
19
Incident Energy (MeV)
52-Te-125

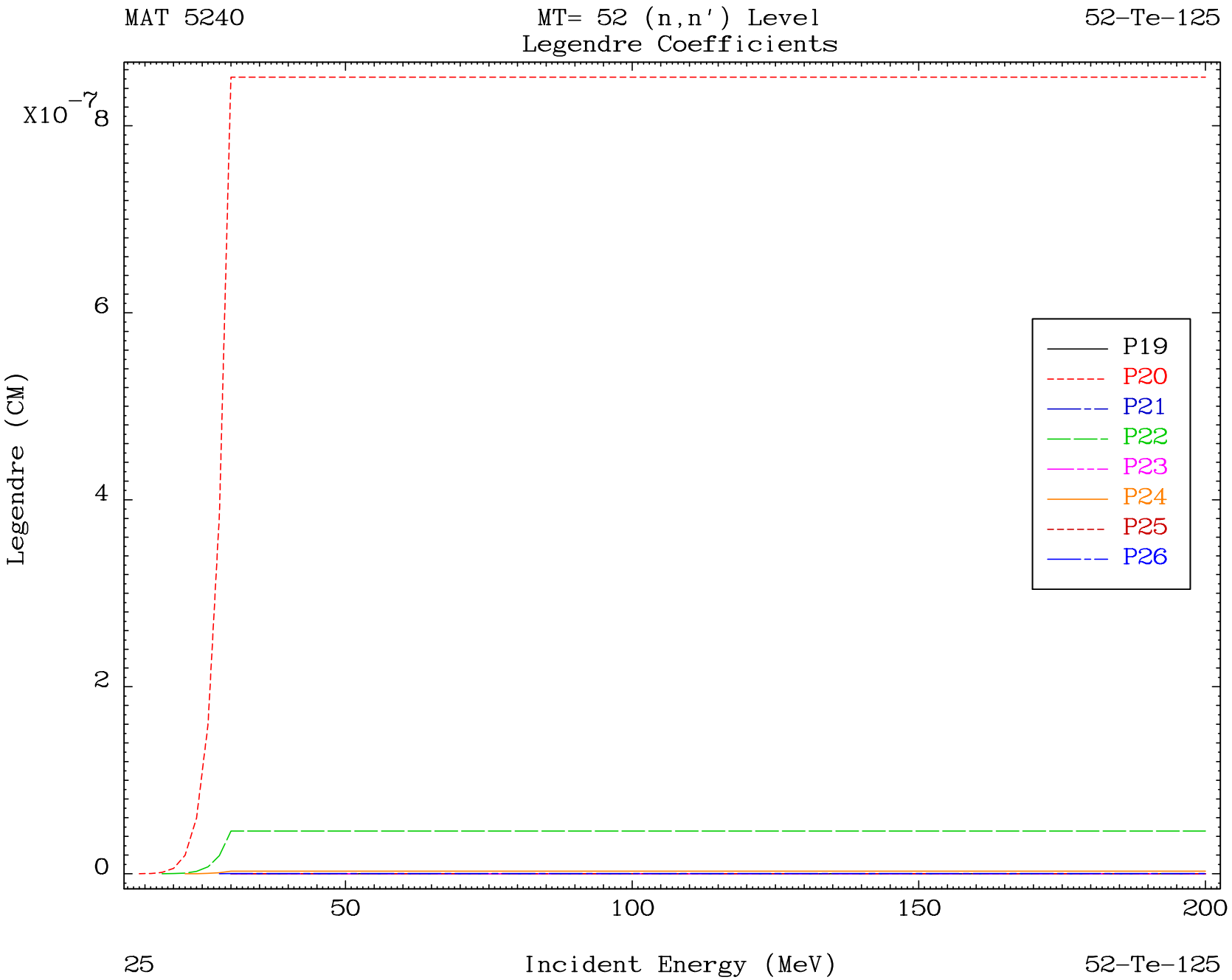

MAT 5240
MT= 51 (n,n') Level
Legendre Coefficients
52-Te-125
0.15
0.10
0.05
0.00
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
0
50
100
150
200
20
Incident Energy (MeV)
52-Te-125

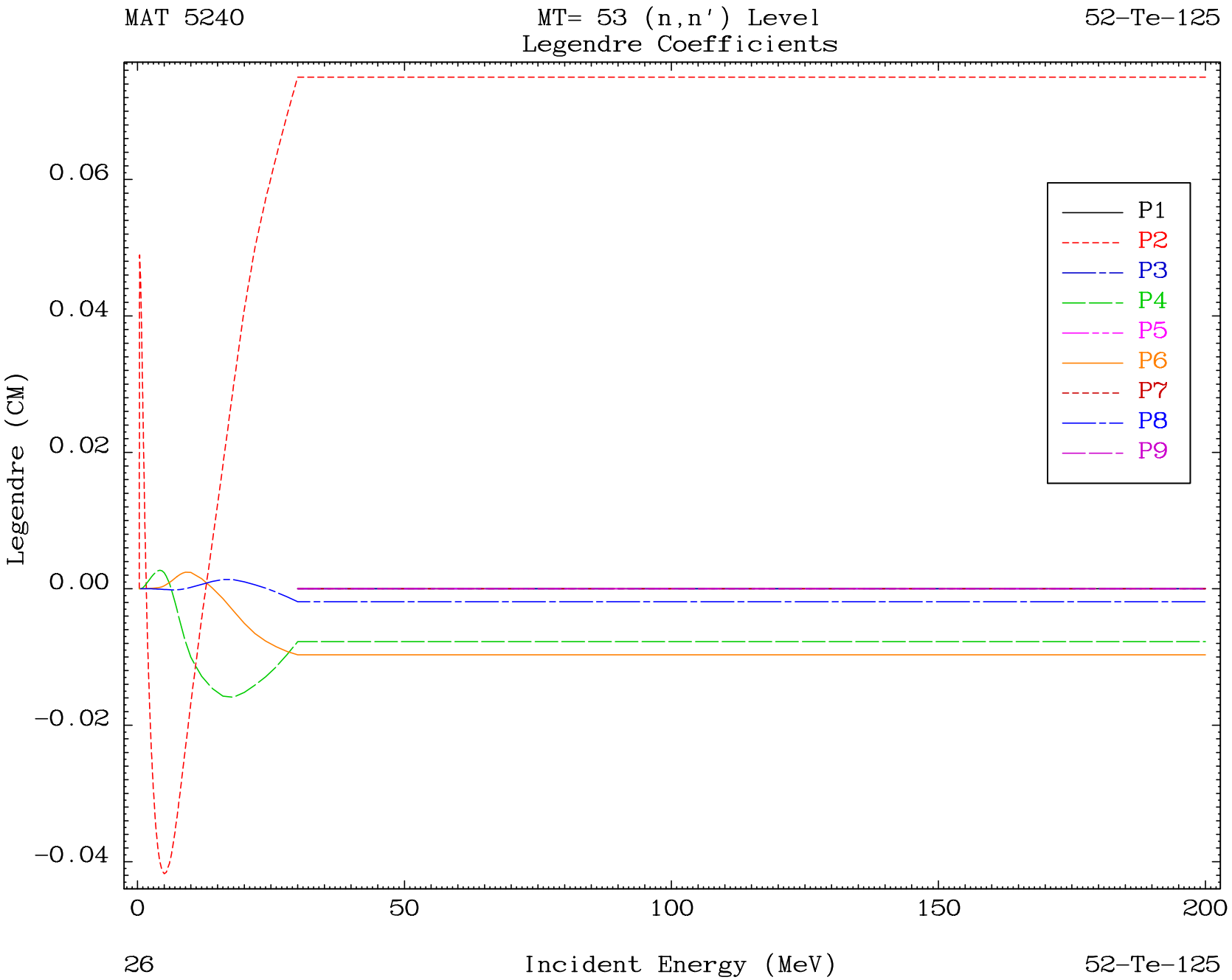

MAT 5240
MT= 51 (n,n') Level
Legendre Coefficients
52-Te-125
X10-3
1.0
0.5
0.0
-0.5
-1.0
Legendre (CM)
P10
P11
P12
P13
P14
P15
P16
P17
P18
0
50
100
150
200
21
Incident Energy (MeV)
52-Te-125

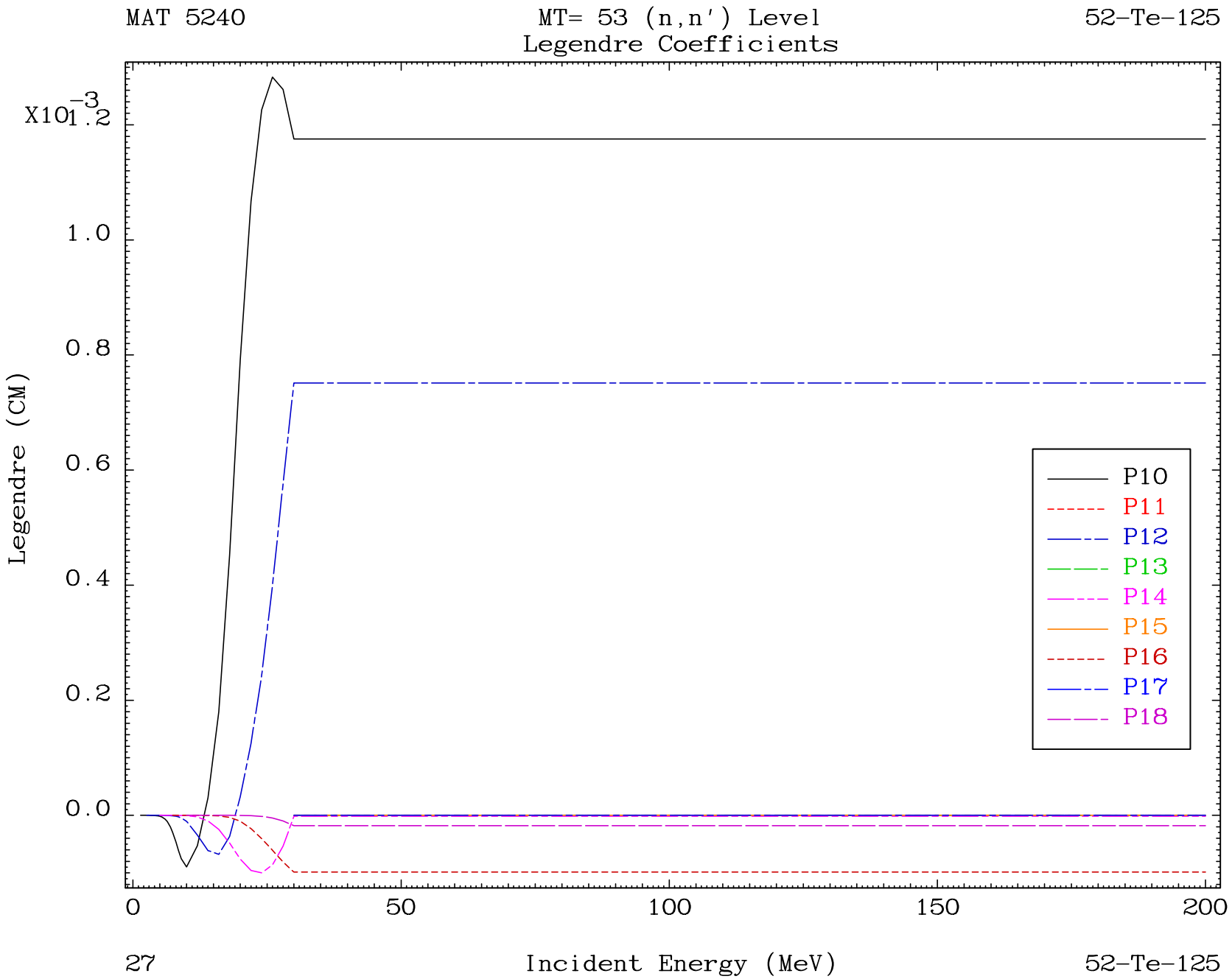

MAT 5240
MT= 51 (n,n') Level
Legendre Coefficients
52-Te-125
0
X10^-6
-1
-2
-3
-4
-5
Legendre (CM)
50
100
150
200
P19
P20
P21
P22
P23
P24
P25
P26
22
Incident Energy (MeV)
52-Te-125

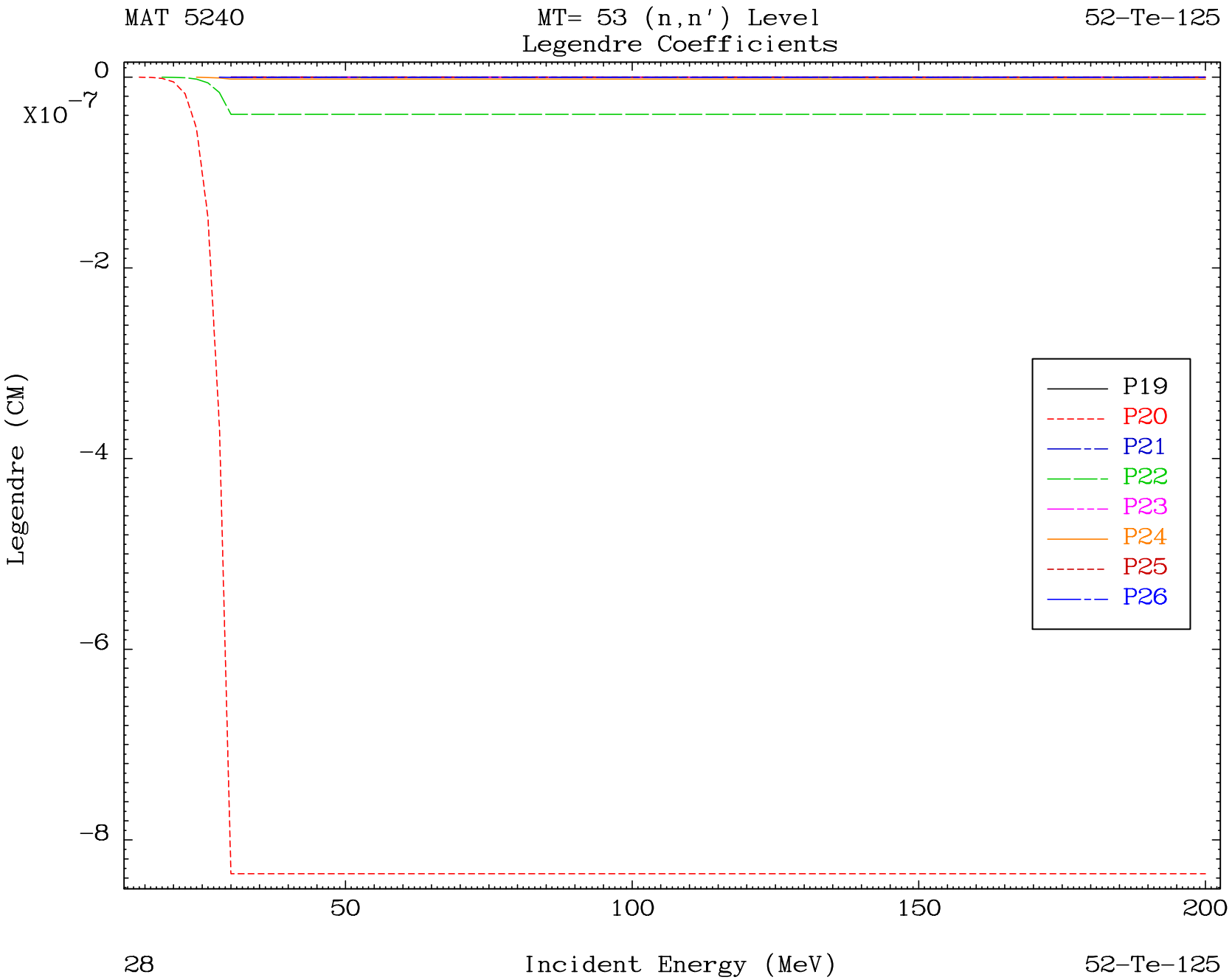

MAT 5240
MT= 52 (n,n') Level
Legendre Coefficients
52-Te-125
0.04
0.02
0.00
-0.02
-0.04
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
0
50
100
150
200
23
Incident Energy (MeV)
52-Te-125

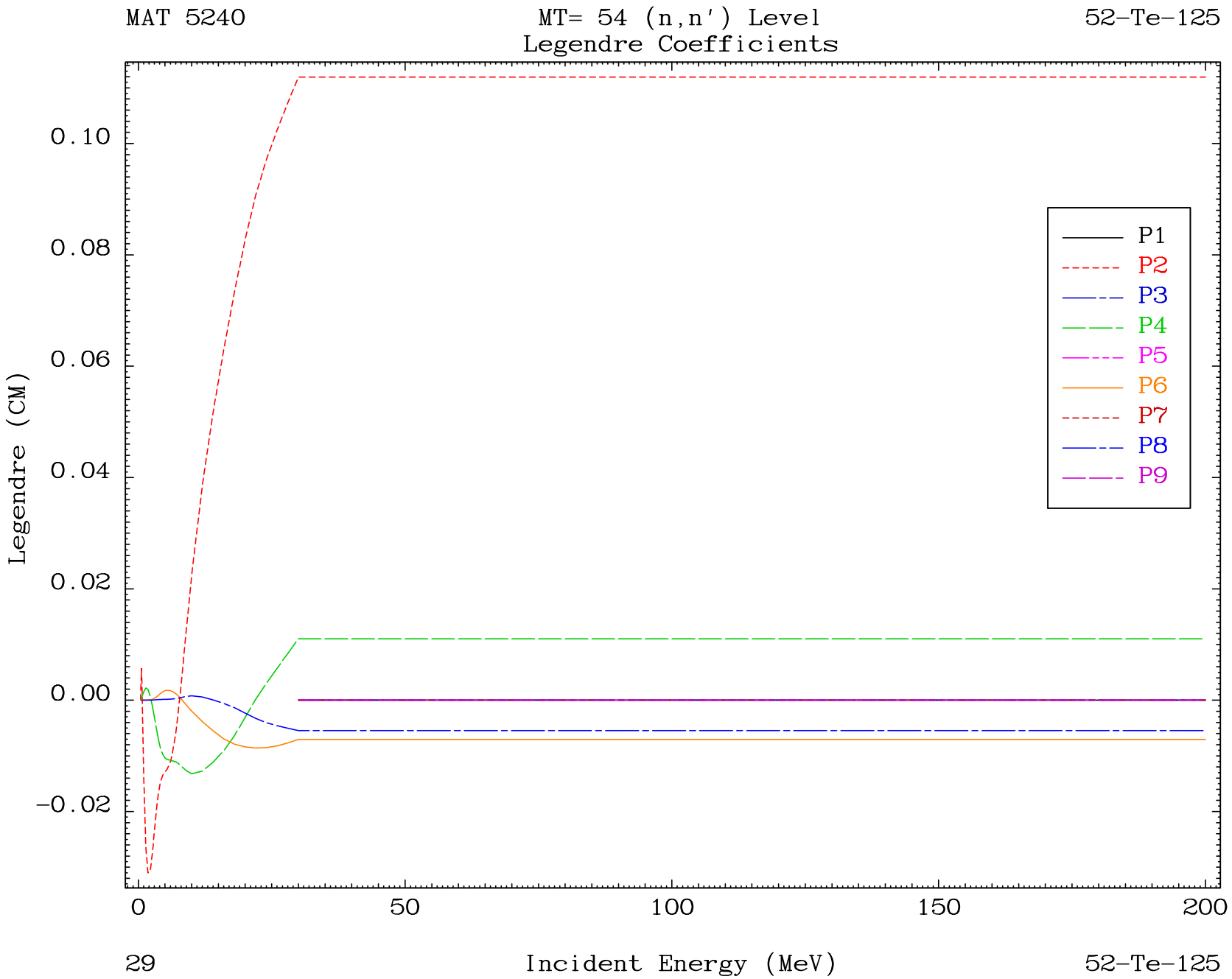

MAT 5240
MT= 52 (n,n') Level
Legendre Coefficients
52-Te-125
X10-3
1
2
0.8
0.4
0.0
Legendre (CM)
P10
P11
P12
P13
P14
P15
P16
P17
P18
0
50
100
150
200
24
Incident Energy (MeV)
52-Te-125

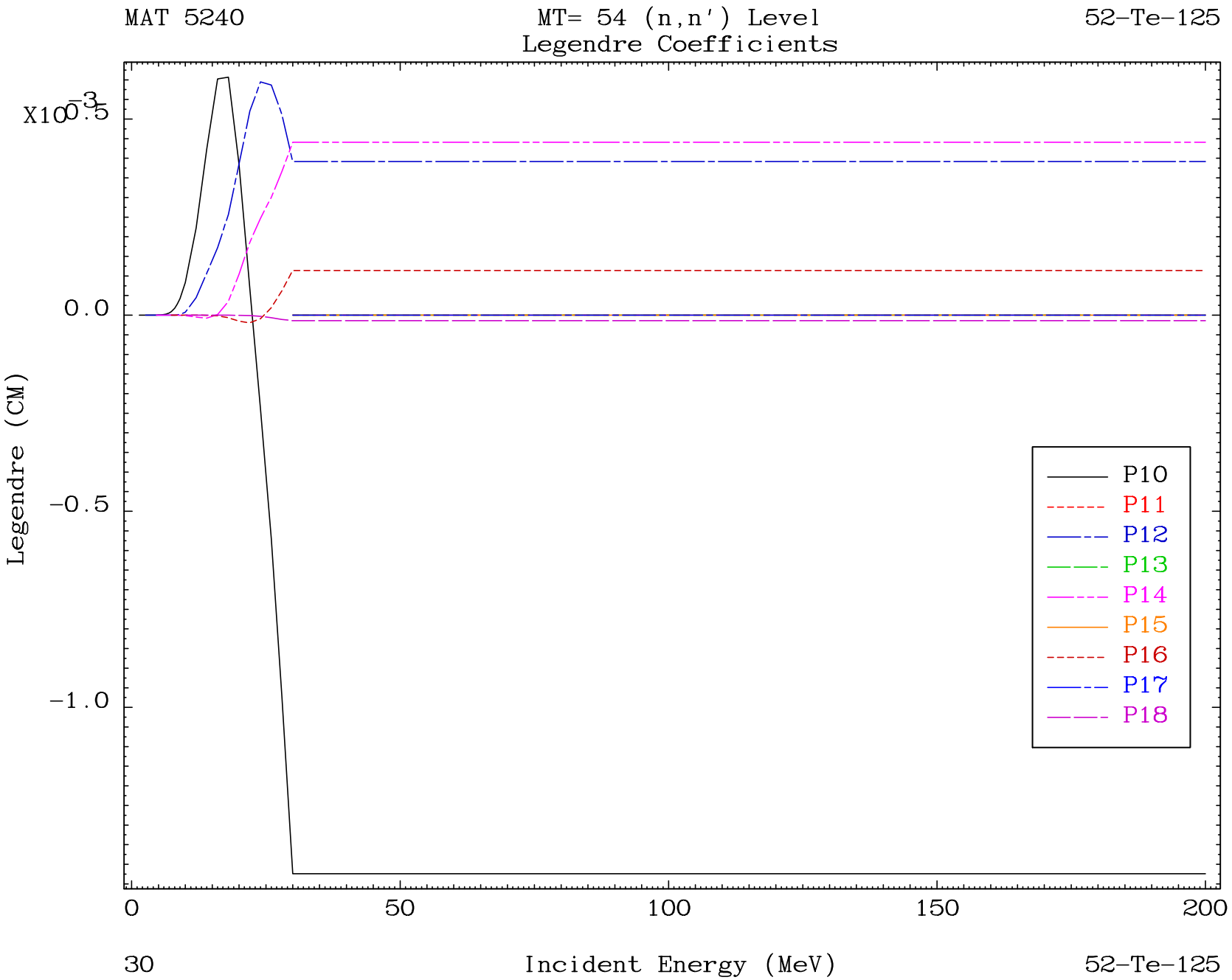

MAT 5240
MT= 52 (n,n') Level
Legendre Coefficients
52-Te-125
X10^-7
8
6
4
2
0
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
50
100
150
200
25
Incident Energy (MeV)
52-Te-125

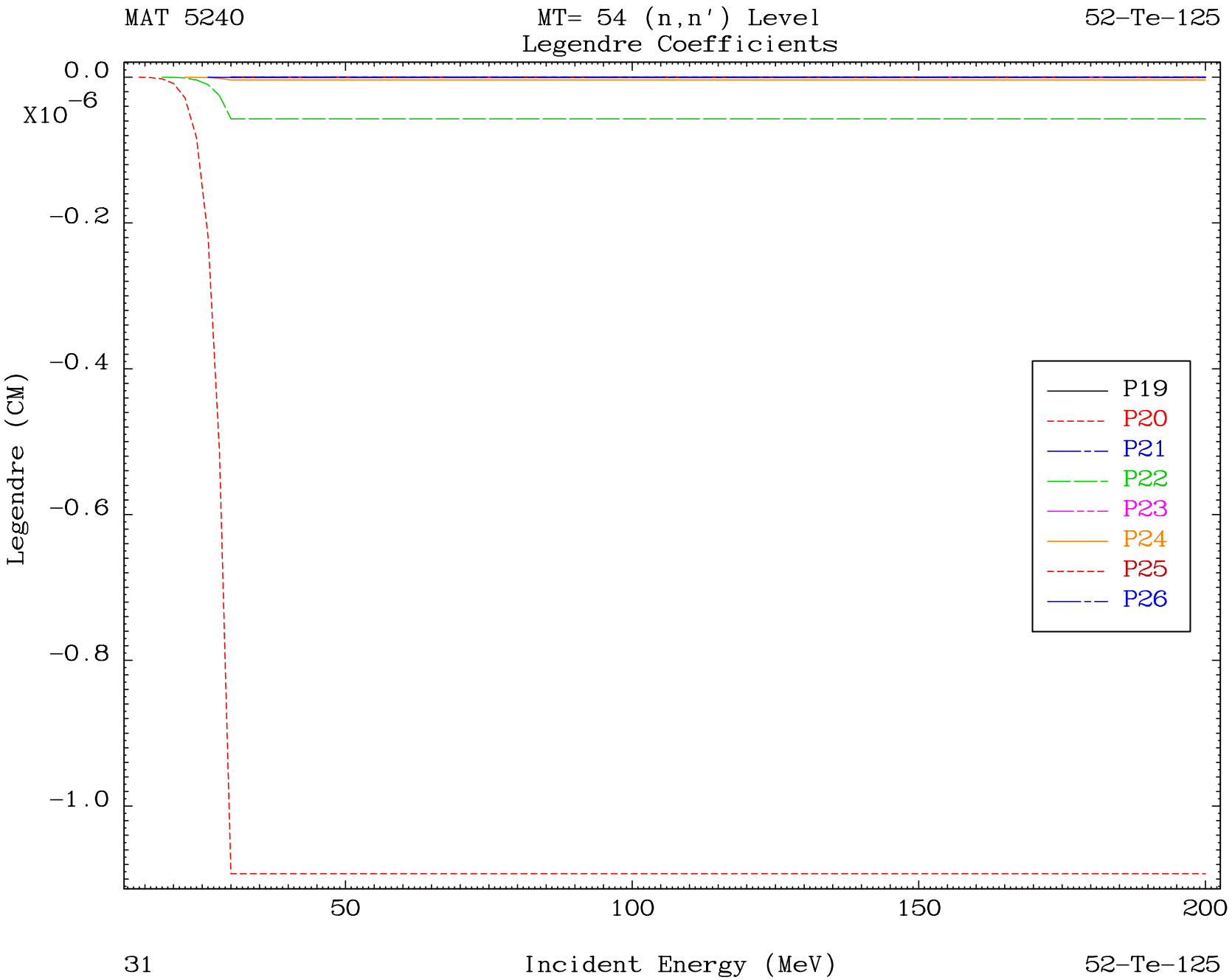

MAT 5240
MT= 53 (n,n') Level
Legendre Coefficients
52-Te-125
0.06
0.04
0.02
0.00
-0.02
-0.04
Legendre (CM)
0
50
100
150
200
26
Incident Energy (MeV)
52-Te-125
P1
P2
P3
P4
P5
P6
P7
P8
P9

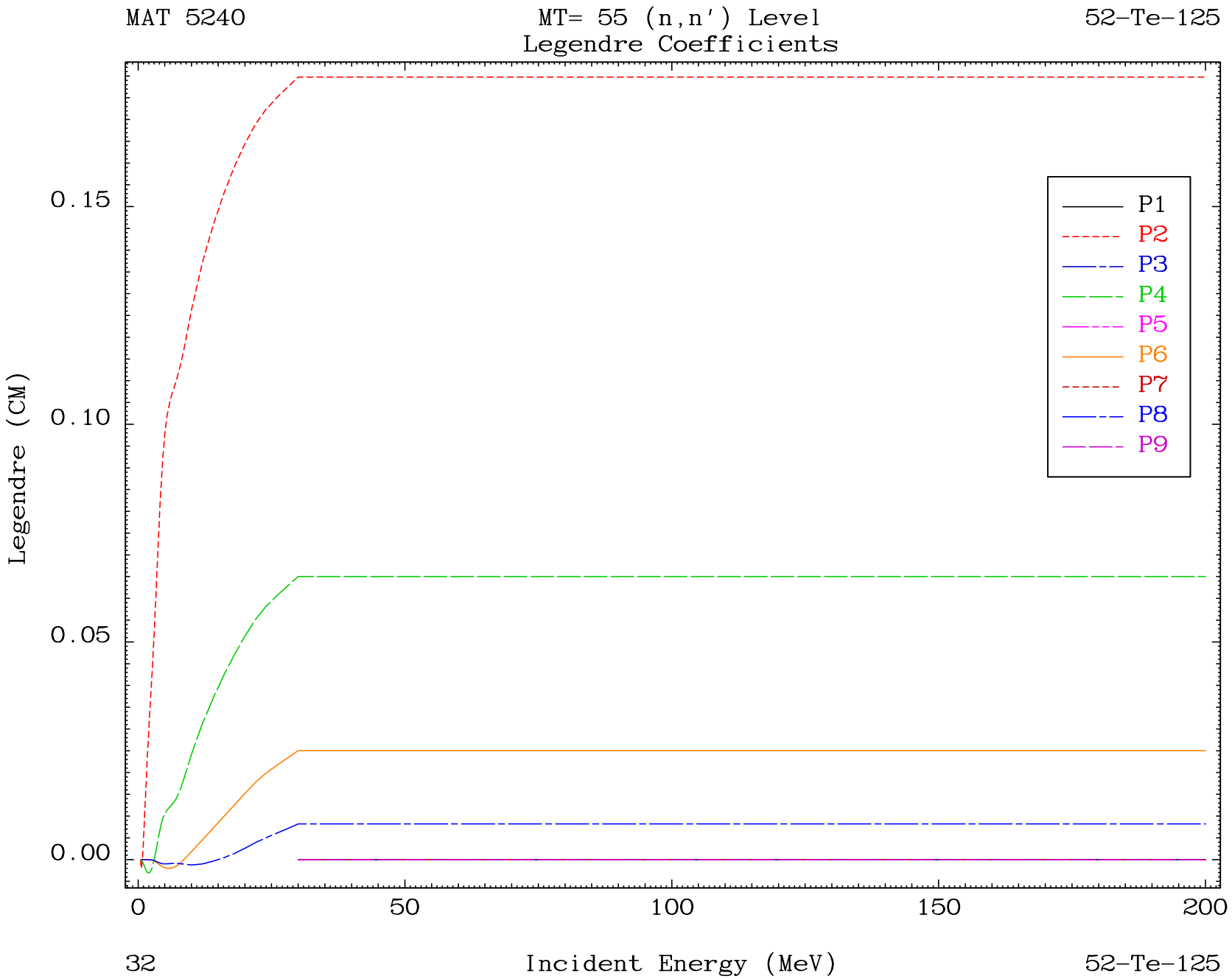

MAT 5240
MT= 53 (n,n') Level
Legendre Coefficients
52-Te-125
X10-3
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Legendre (CM)
0
50
100
150
200
Incident Energy (MeV)
27
52-Te-125
P10
P11
P12
P13
P14
P15
P16
P17
P18

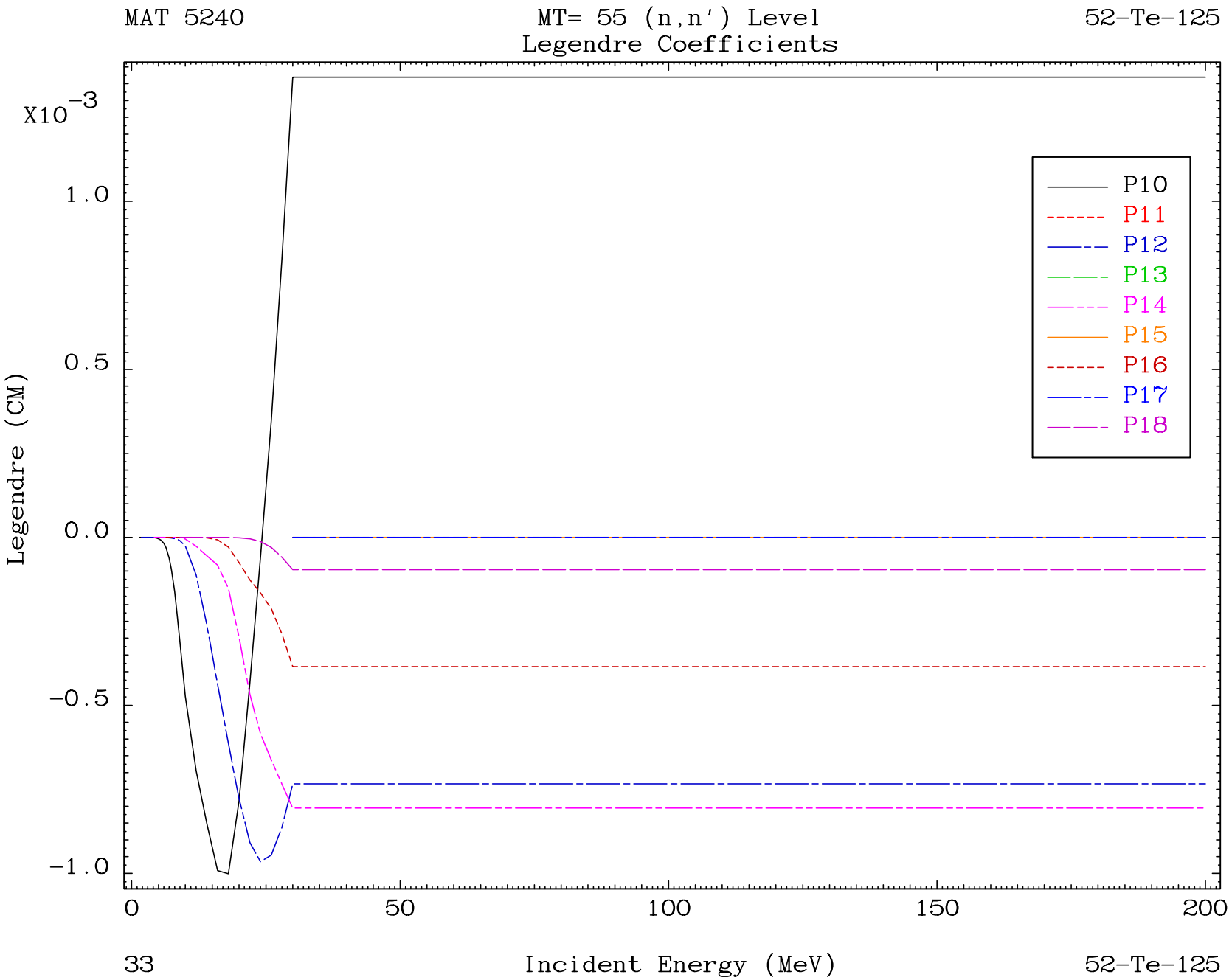

MAT 5240
MT= 53 (n,n') Level
Legendre Coefficients
52-Te-125
0
X10-7
-2
-4
-6
-8
Legendre (CM)
50
100
150
200
28
Incident Energy (MeV)
52-Te-125
P19
P20
P21
P22
P23
P24
P25
P26

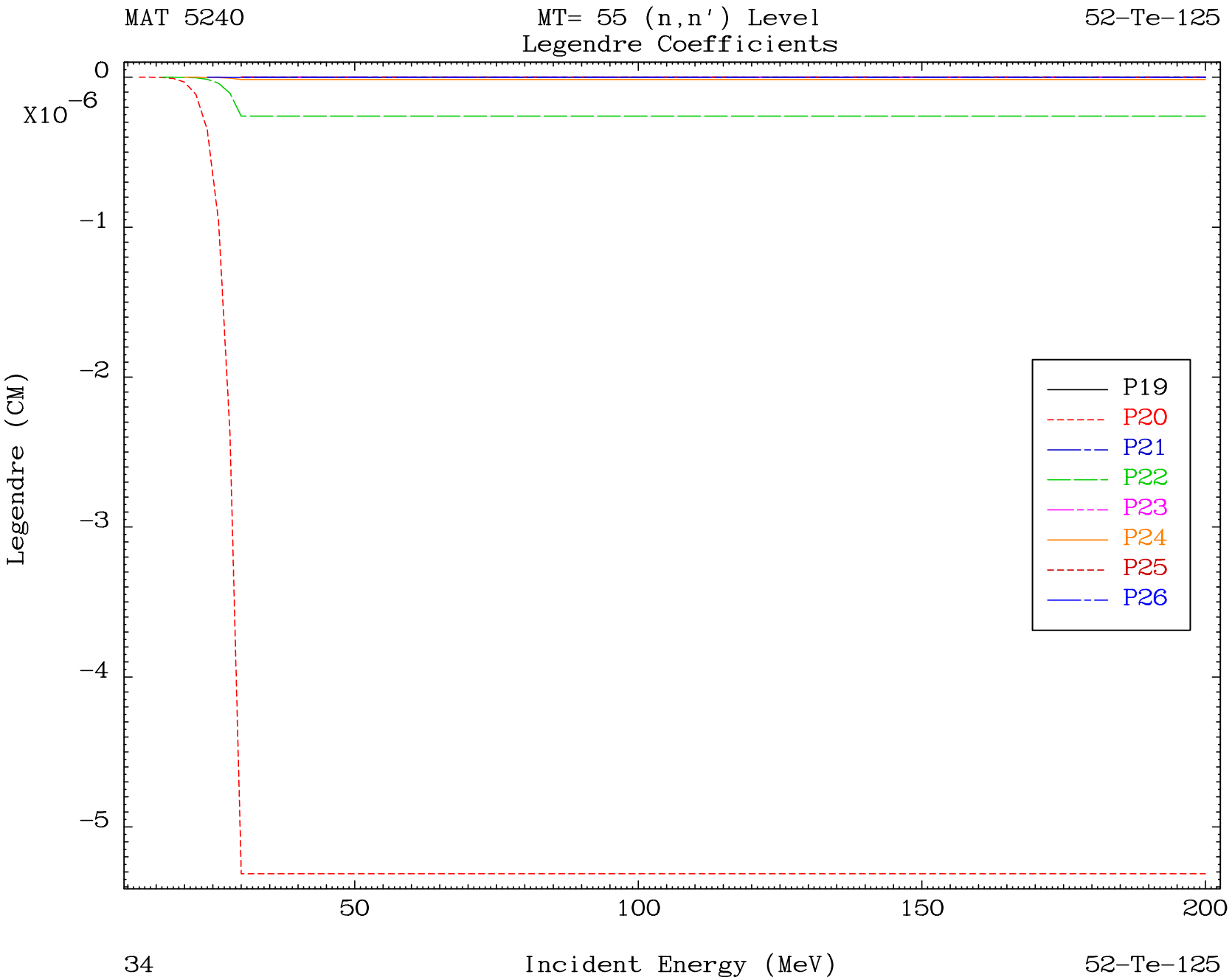

MAT 5240
MT= 54 (n,n') Level
Legendre Coefficients
52-Te-125
0.10
0.08
0.06
0.04
0.02
0.00
-0.02
Legendre (CM)
0
50
100
150
200
Incident Energy (MeV)
P1
P2
P3
P4
P5
P6
P7
P8
P9
29
52-Te-125

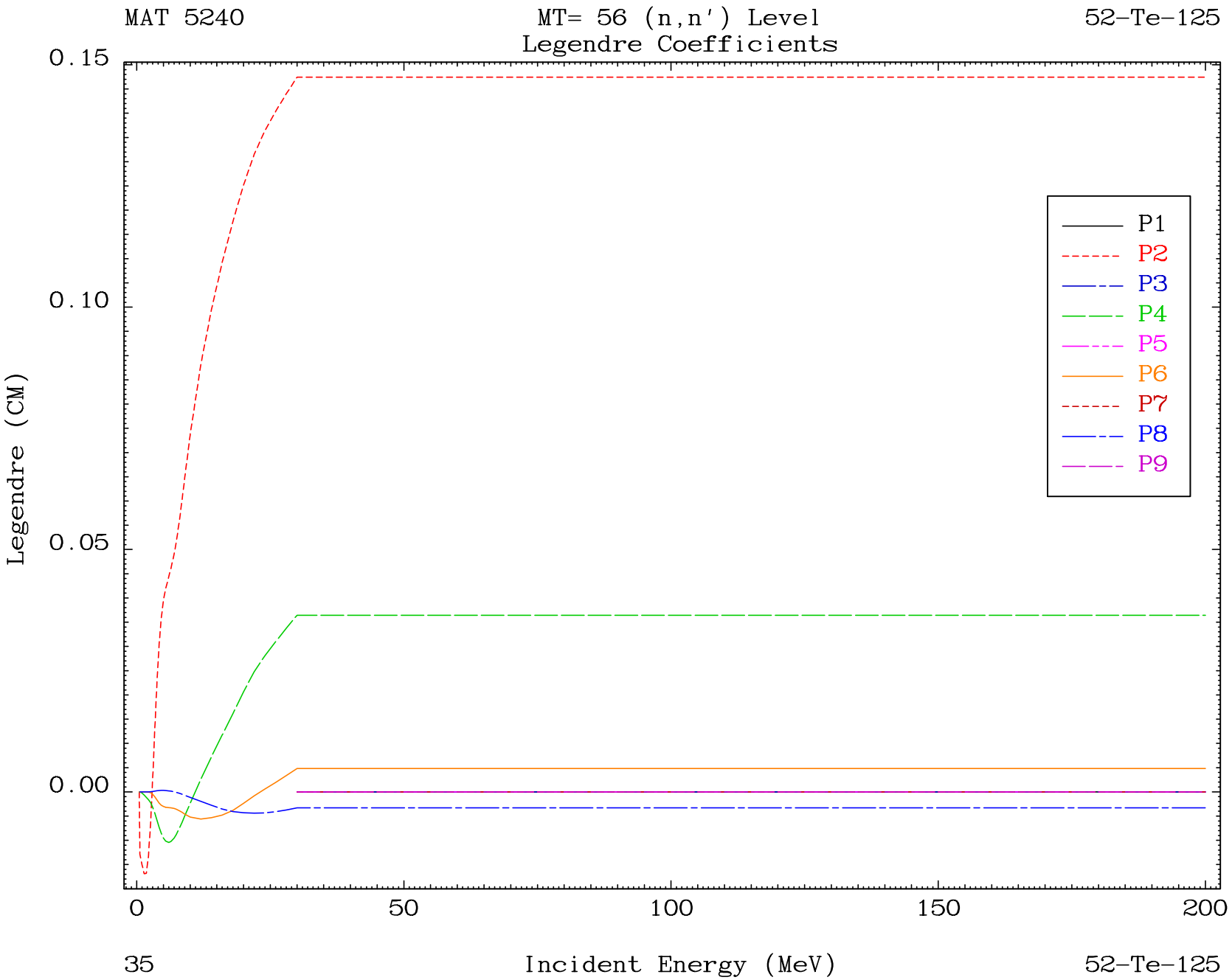

MAT 5240
MT= 54 (n,n') Level
Legendre Coefficients
52-Te-125
X10-3
0.5
0.0
-0.5
-1.0
Legendre (CM)
0
50
100
150
200
30
Incident Energy (MeV)
52-Te-125
P10
P11
P12
P13
P14
P15
P16
P17
P18

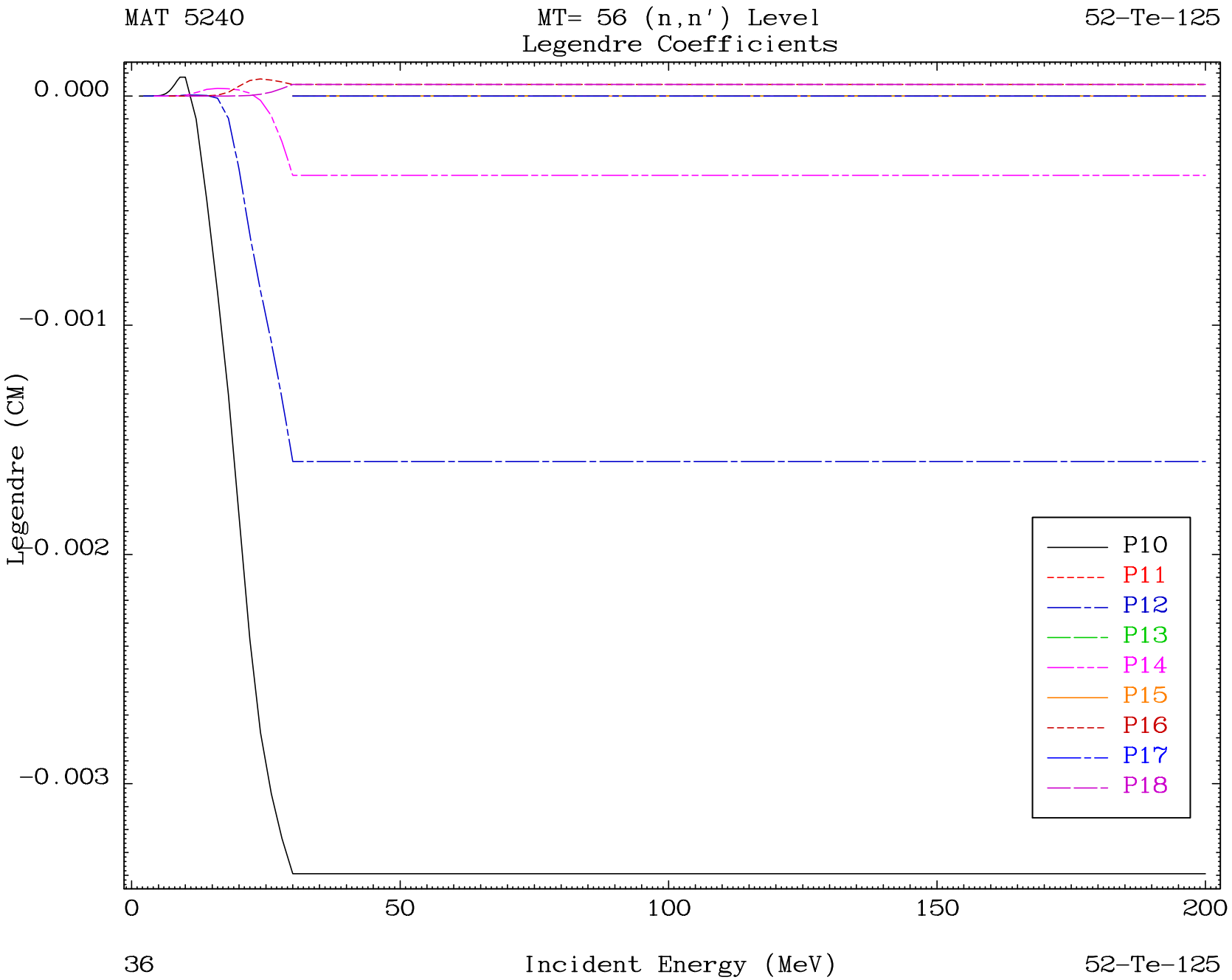

MAT 5240
MT= 54 (n,n') Level
Legendre Coefficients
52-Te-125
0.0
X10^-6
-0.2
-0.4
-0.6
-0.8
-1.0
Legendre (CM)
50
100
150
200
P19
P20
P21
P22
P23
P24
P25
P26
31
Incident Energy (MeV)
52-Te-125

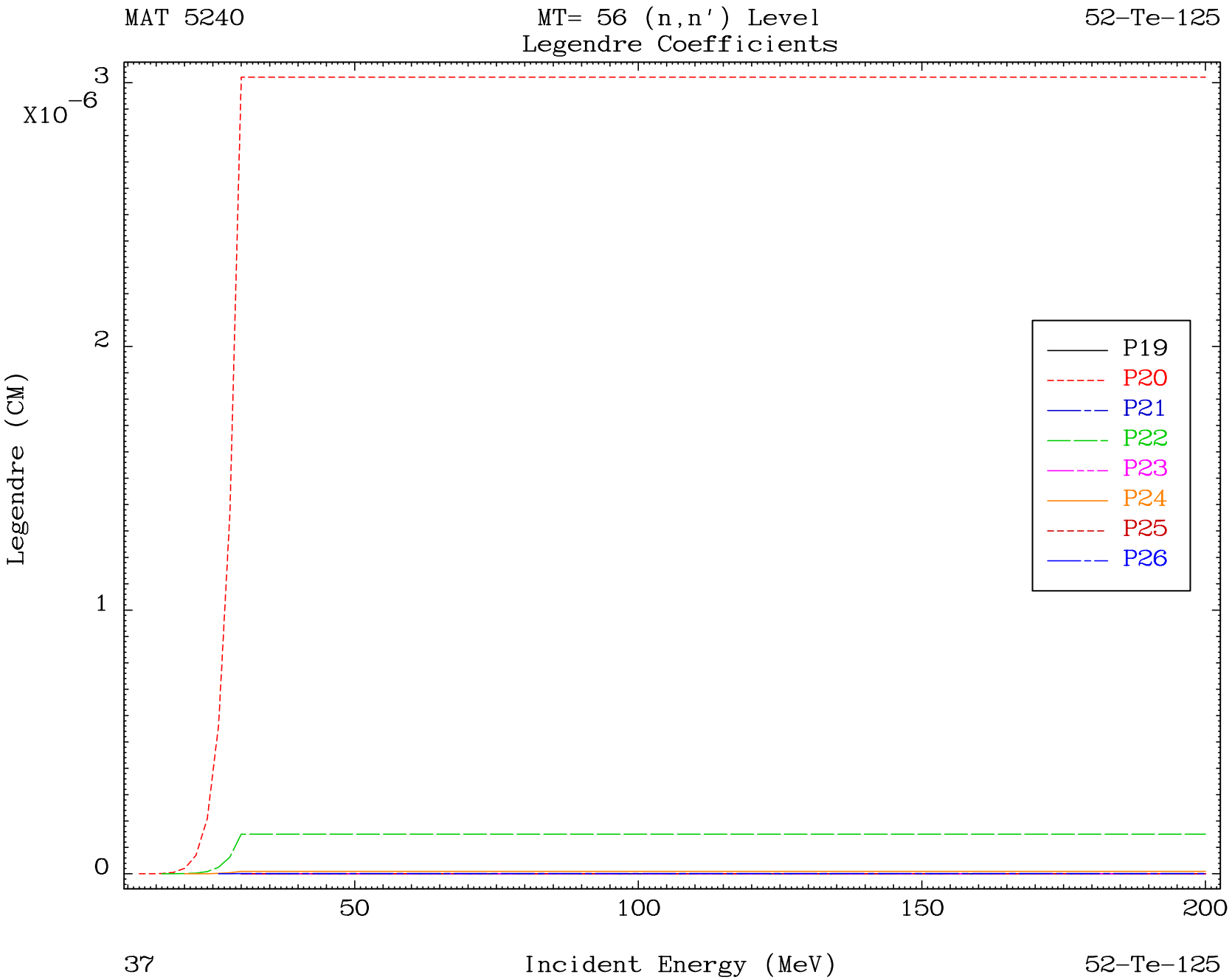

MAT 5240
MT= 55 (n,n') Level
Legendre Coefficients
52-Te-125
Legendre (CM)
0.15
0.10
0.05
0.00
0
50
100
150
200
32
Incident Energy (MeV)
52-Te-125
P1
P2
P3
P4
P5
P6
P7
P8
P9

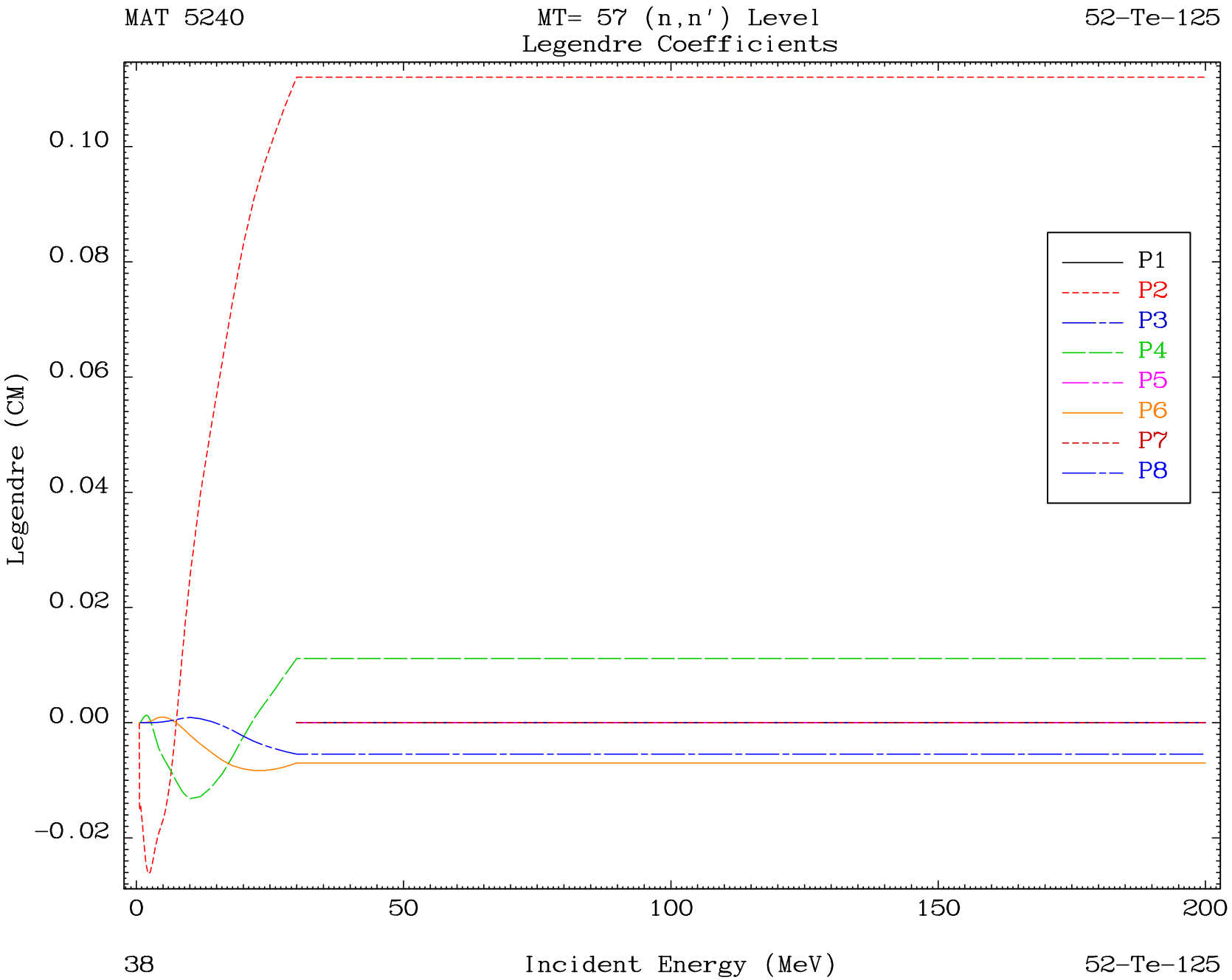

MAT 5240
MT= 55 (n,n') Level
Legendre Coefficients
52-Te-125
X10-3
1.0
0.5
0.0
-0.5
-1.0
Legendre (CM)
P10
P11
P12
P13
P14
P15
P16
P17
P18
0
50
100
150
200
33
Incident Energy (MeV)
52-Te-125

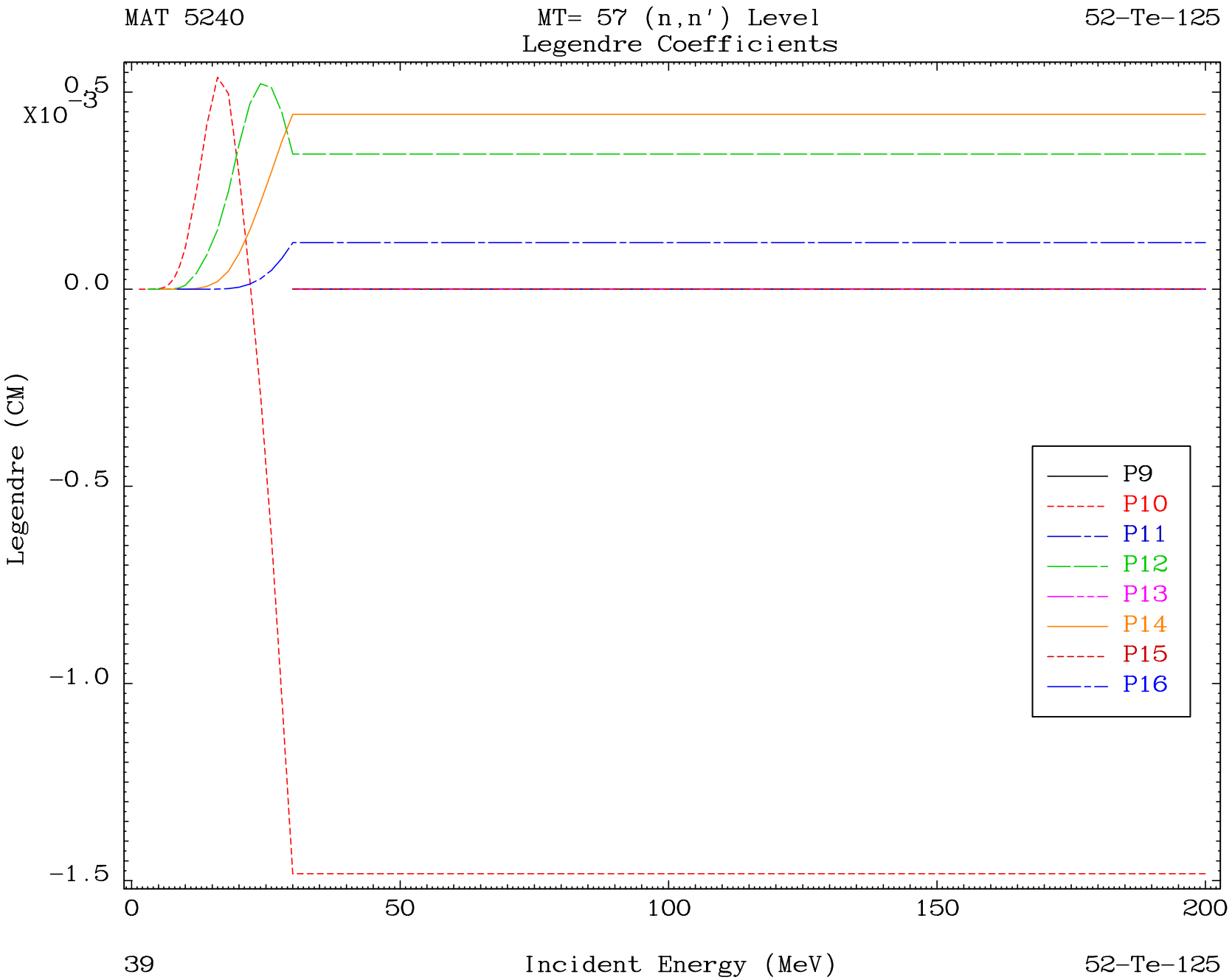

MAT 5240
MT= 55 (n,n') Level
Legendre Coefficients
52-Te-125
0
X10 −6
−1
−2
−3
−4
−5
Legendre (CM)
50
100
150
200
P19
P20
P21
P22
P23
P24
P25
P26
34
Incident Energy (MeV)
52-Te-125

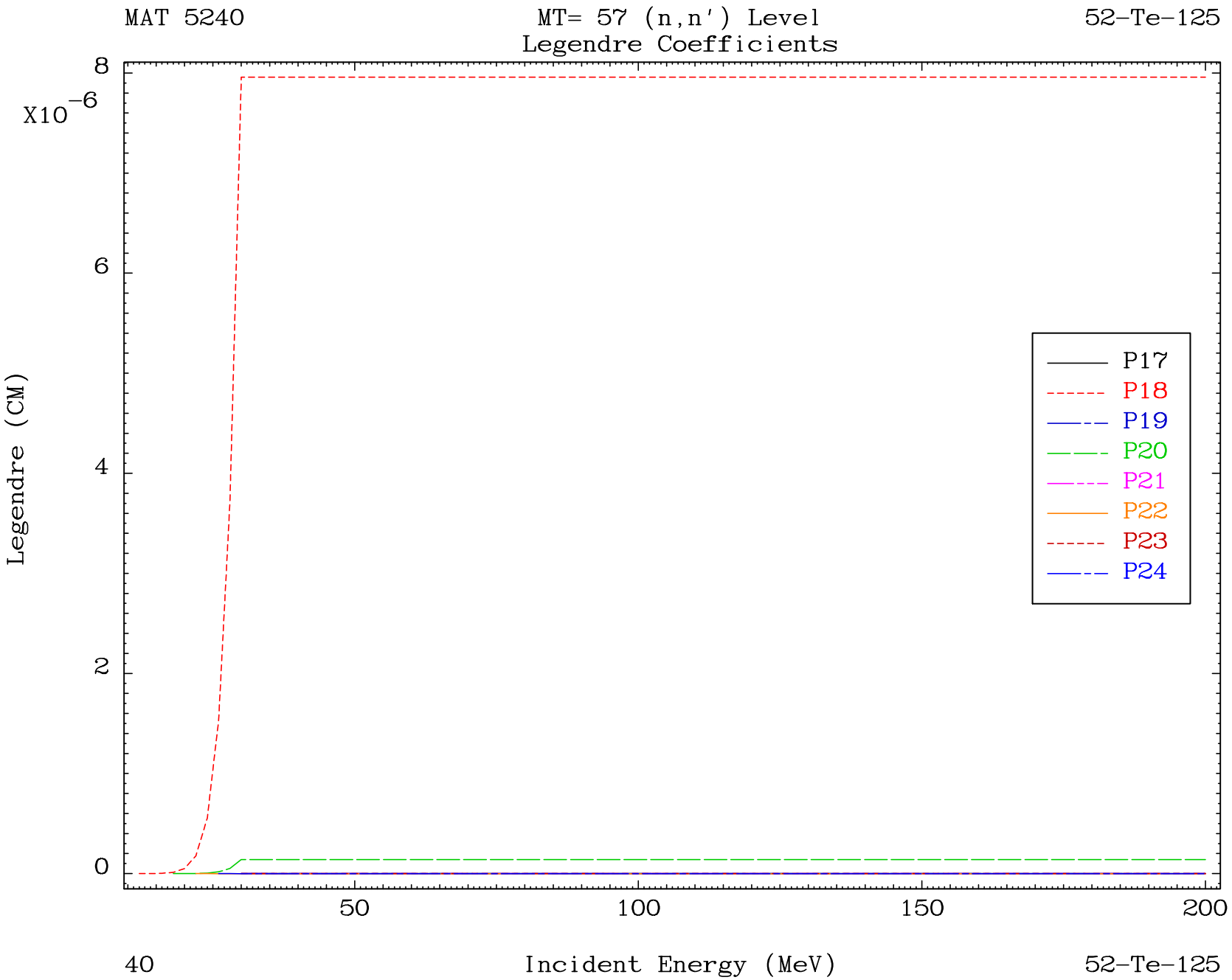

MAT 5240
MT= 56 (n,n') Level
Legendre Coefficients
52-Te-125
0.15
0.10
0.05
0.00
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
0
50
100
150
200
35
Incident Energy (MeV)
52-Te-125

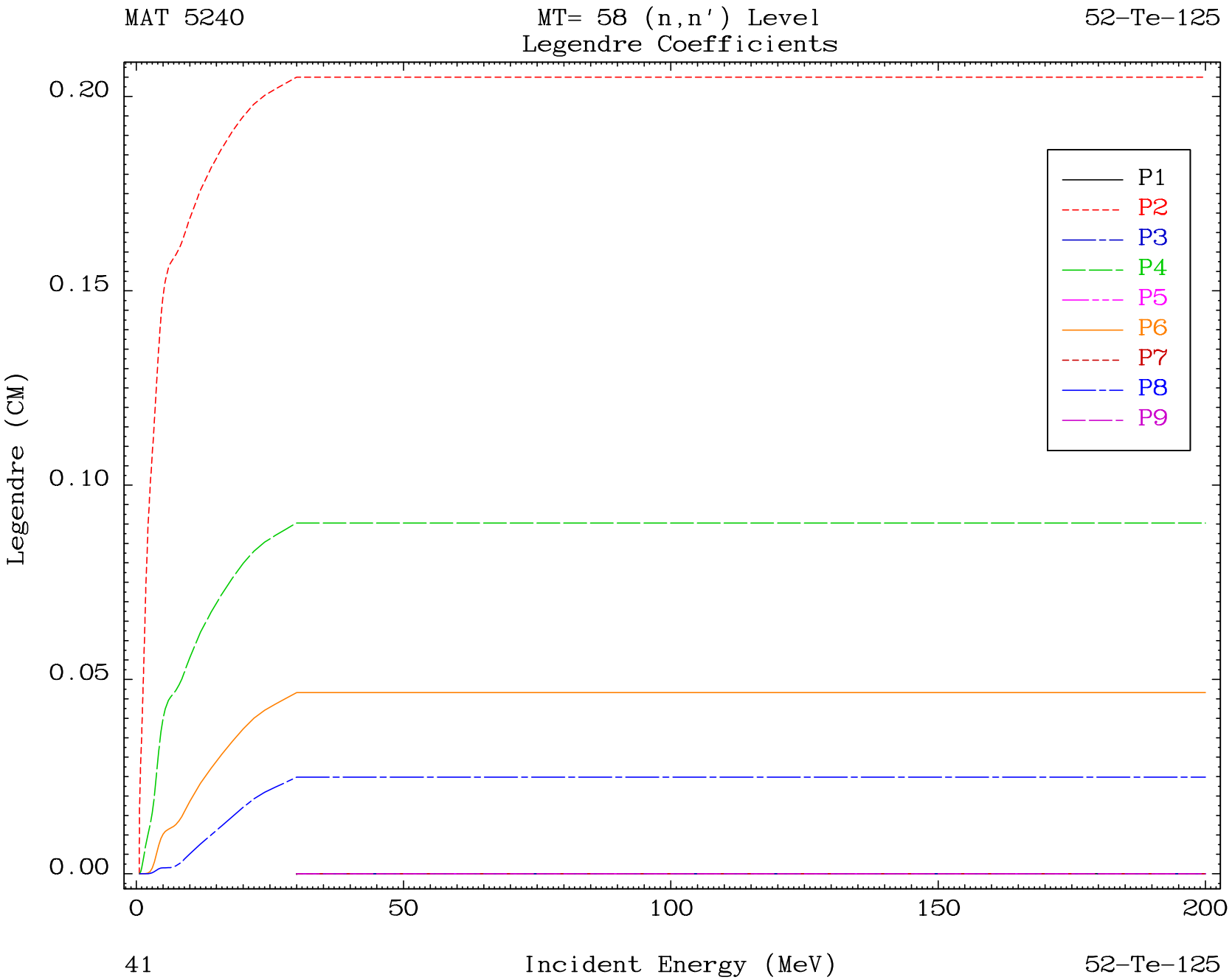

MAT 5240
MT= 56 (n,n') Level
Legendre Coefficients
52-Te-125
0.000
-0.001
-0.002
-0.003
Legendre (CM)
0
50
100
150
200
36
Incident Energy (MeV)
52-Te-125
P10
P11
P12
P13
P14
P15
P16
P17
P18

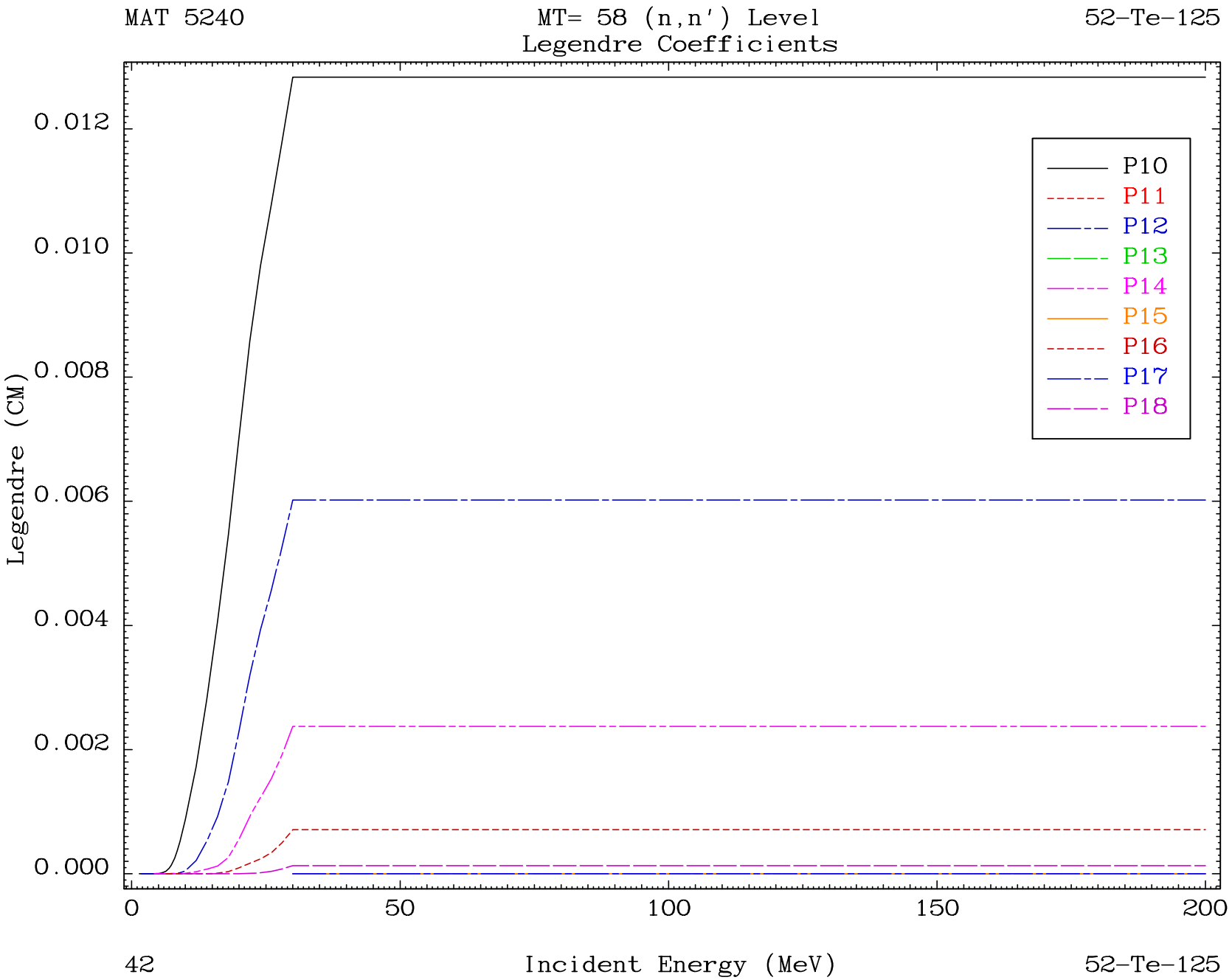

MAT 5240
MT= 56 (n,n') Level
Legendre Coefficients
52-Te-125
X10 -6
3
2
1
0
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
50
100
150
200
37
Incident Energy (MeV)
52-Te-125

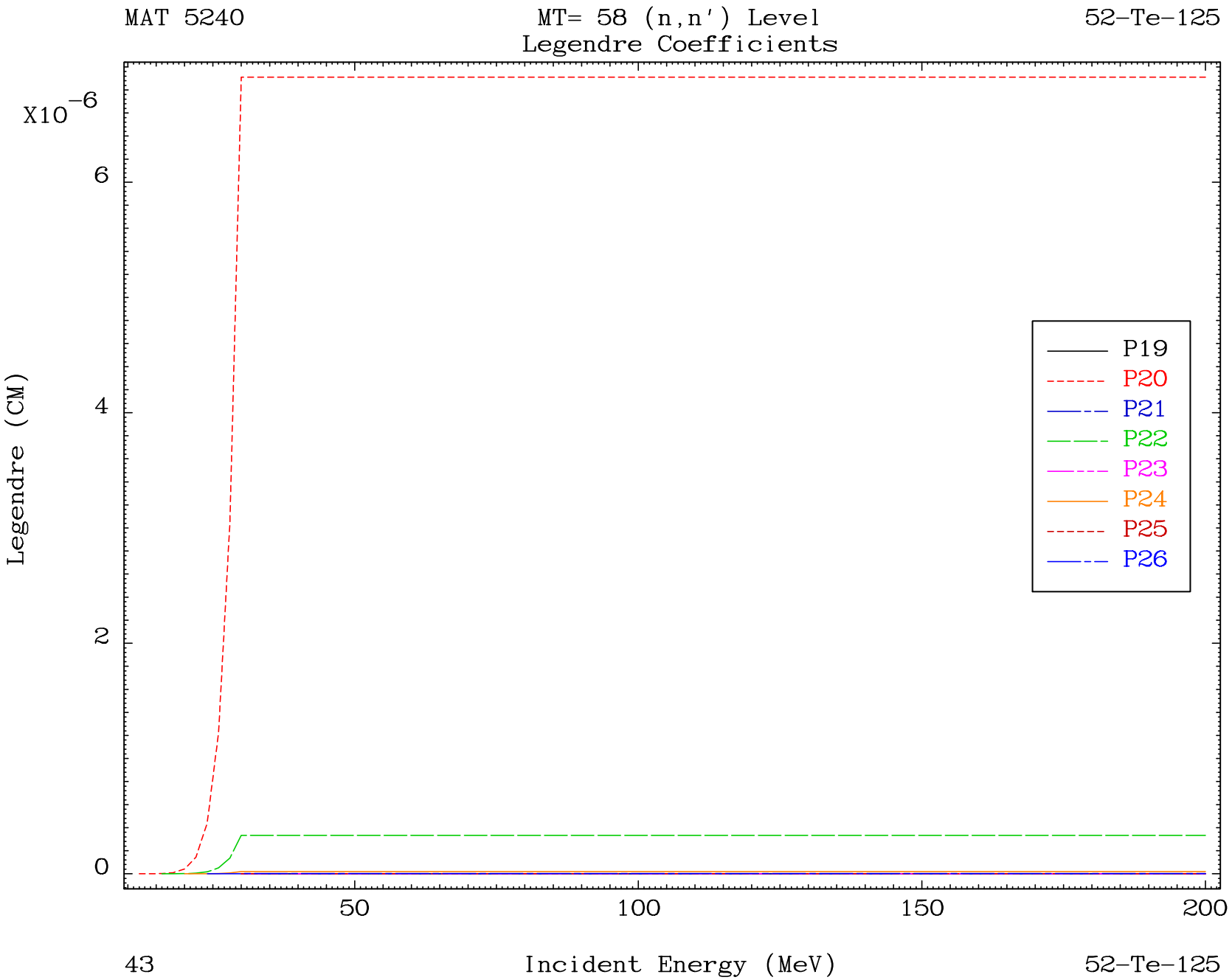

MAT 5240
MT= 57 (n,n') Level
Legendre Coefficients
52-Te-125
0.10
0.08
0.06
0.04
0.02
0.00
-0.02
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
0
50
100
150
200
38
Incident Energy (MeV)
52-Te-125

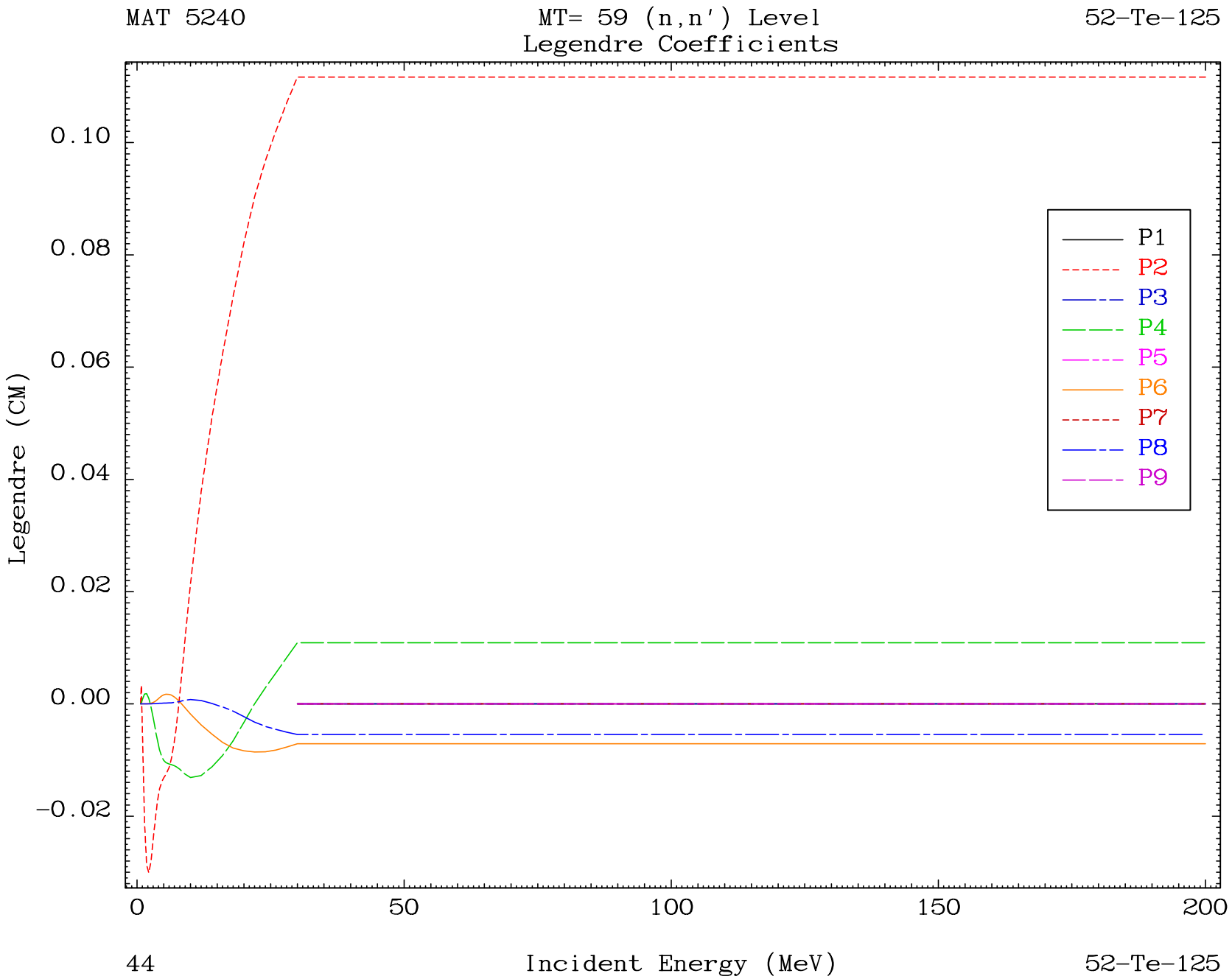

MAT 5240
MT= 57 (n,n') Level
Legendre Coefficients
52-Te-125
X10-3
0.5
0.0
-0.5
-1.0
-1.5
Legendre (CM)
0
50
100
150
200
Incident Energy (MeV)
39
52-Te-125
P9
P10
P11
P12
P13
P14
P15
P16

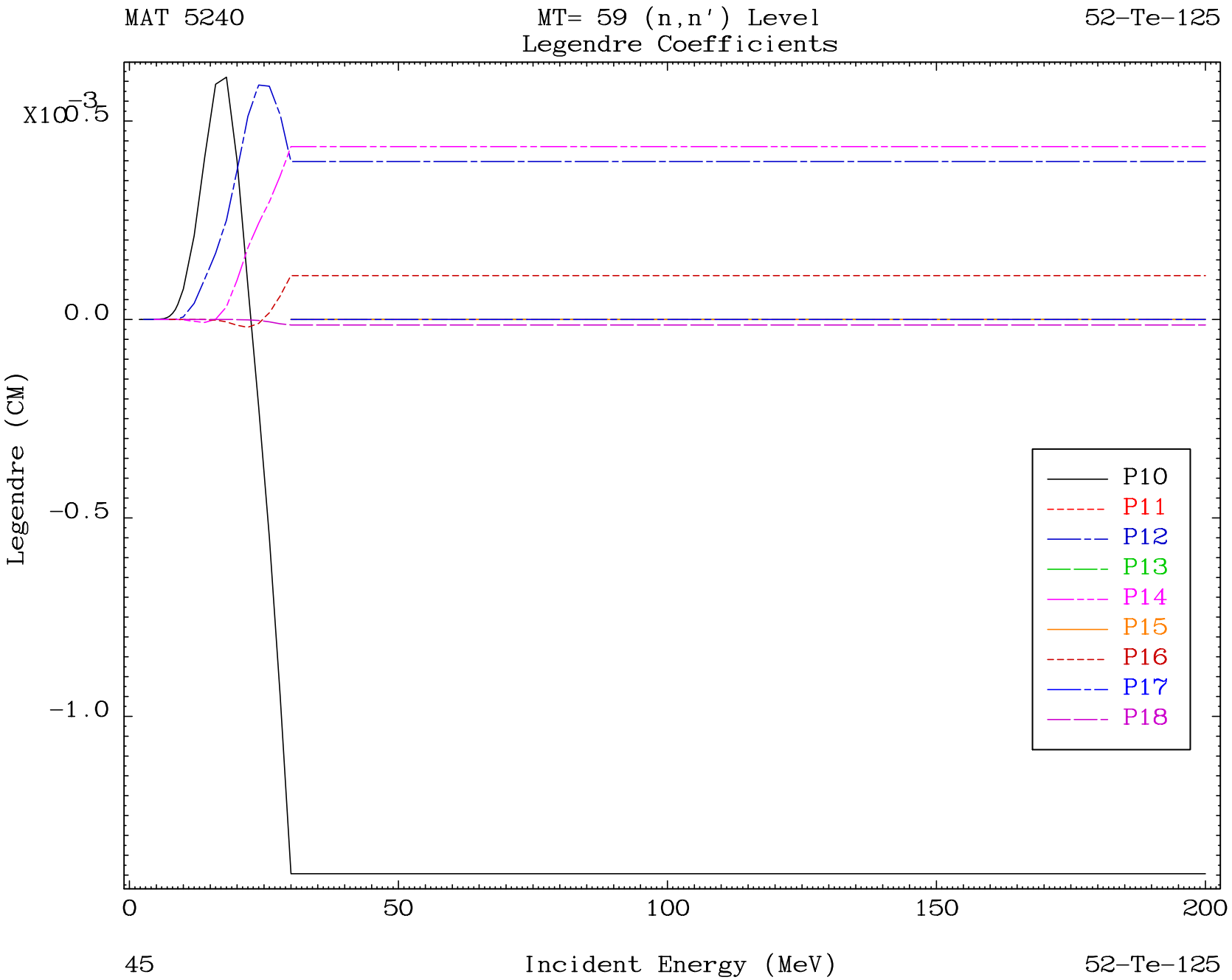

MAT 5240
MT= 57 (n,n') Level
Legendre Coefficients
52-Te-125
X10^-6
8
6
4
2
0
Legendre (CM)
P17
P18
P19
P20
P21
P22
P23
P24
40
50
100
150
200
Incident Energy (MeV)
52-Te-125

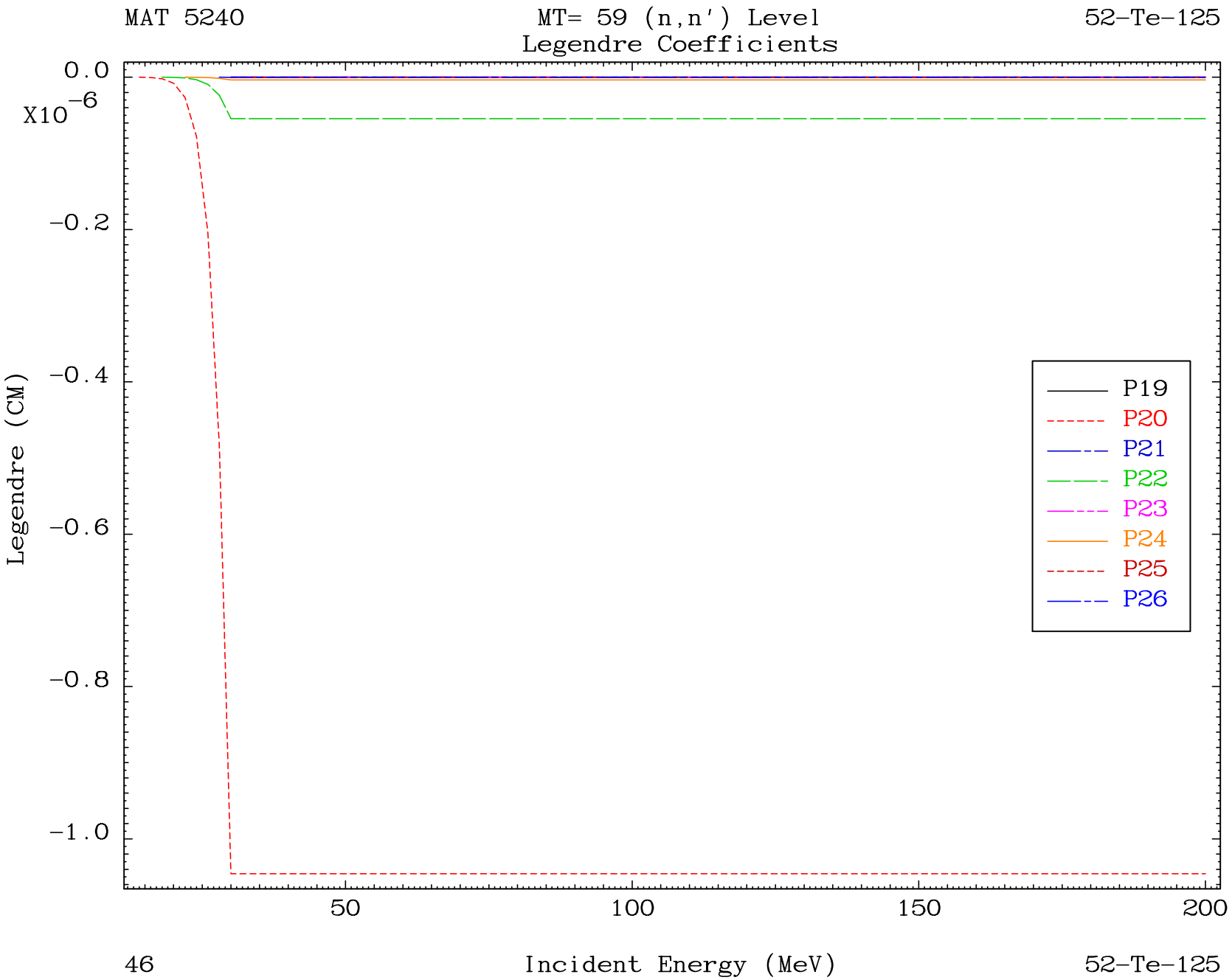

MAT 5240
MT= 58 (n,n') Level
Legendre Coefficients
52-Te-125
0.20
0.15
0.10
0.05
0.00
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
0
50
100
150
200
41
Incident Energy (MeV)
52-Te-125

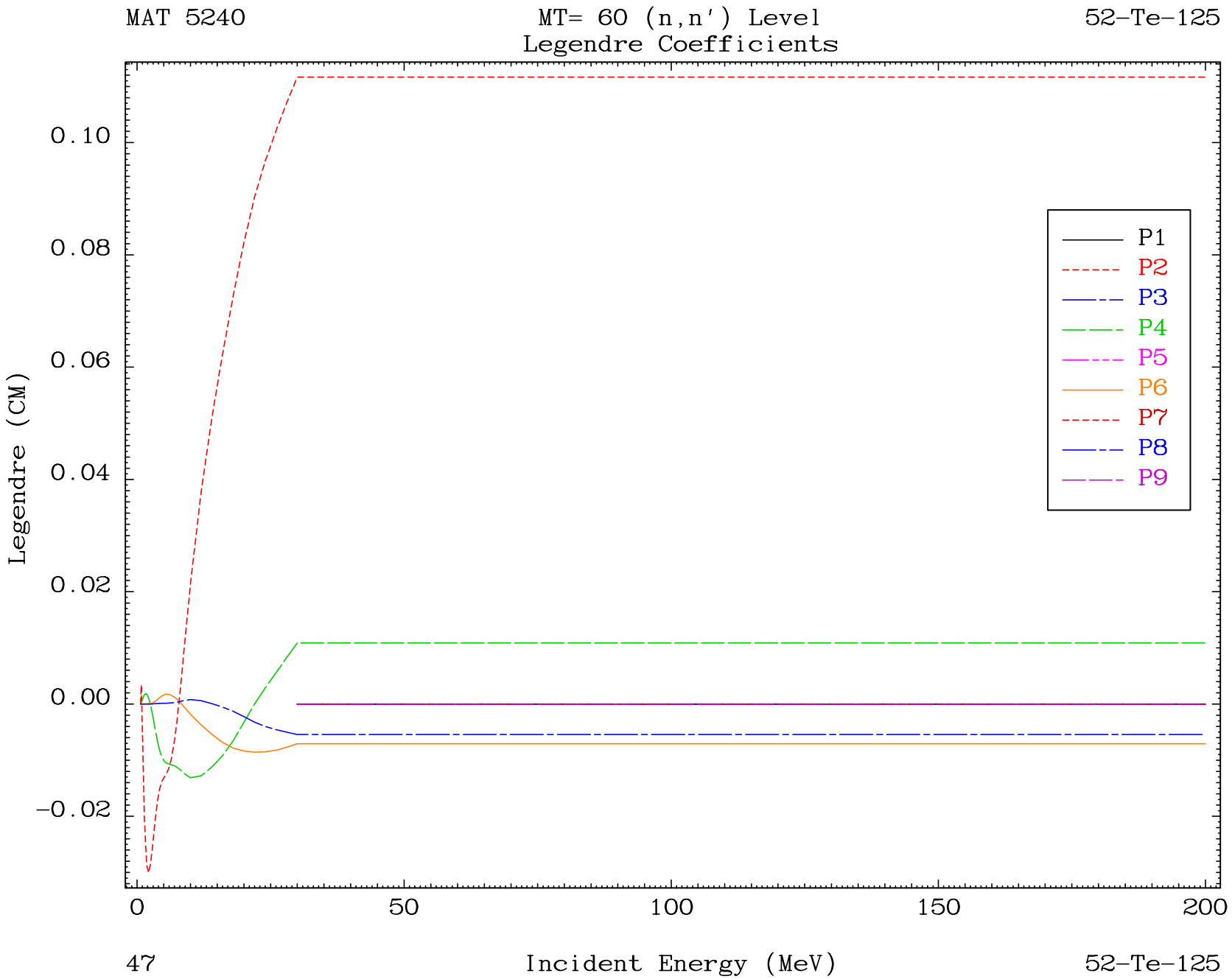

MAT 5240
MT= 58 (n,n') Level
Legendre Coefficients
52-Te-125
0.012
0.010
0.008
0.006
0.004
0.002
0.000
Legendre (CM)
P10
P11
P12
P13
P14
P15
P16
P17
P18
0
50
100
150
200
42
Incident Energy (MeV)
52-Te-125

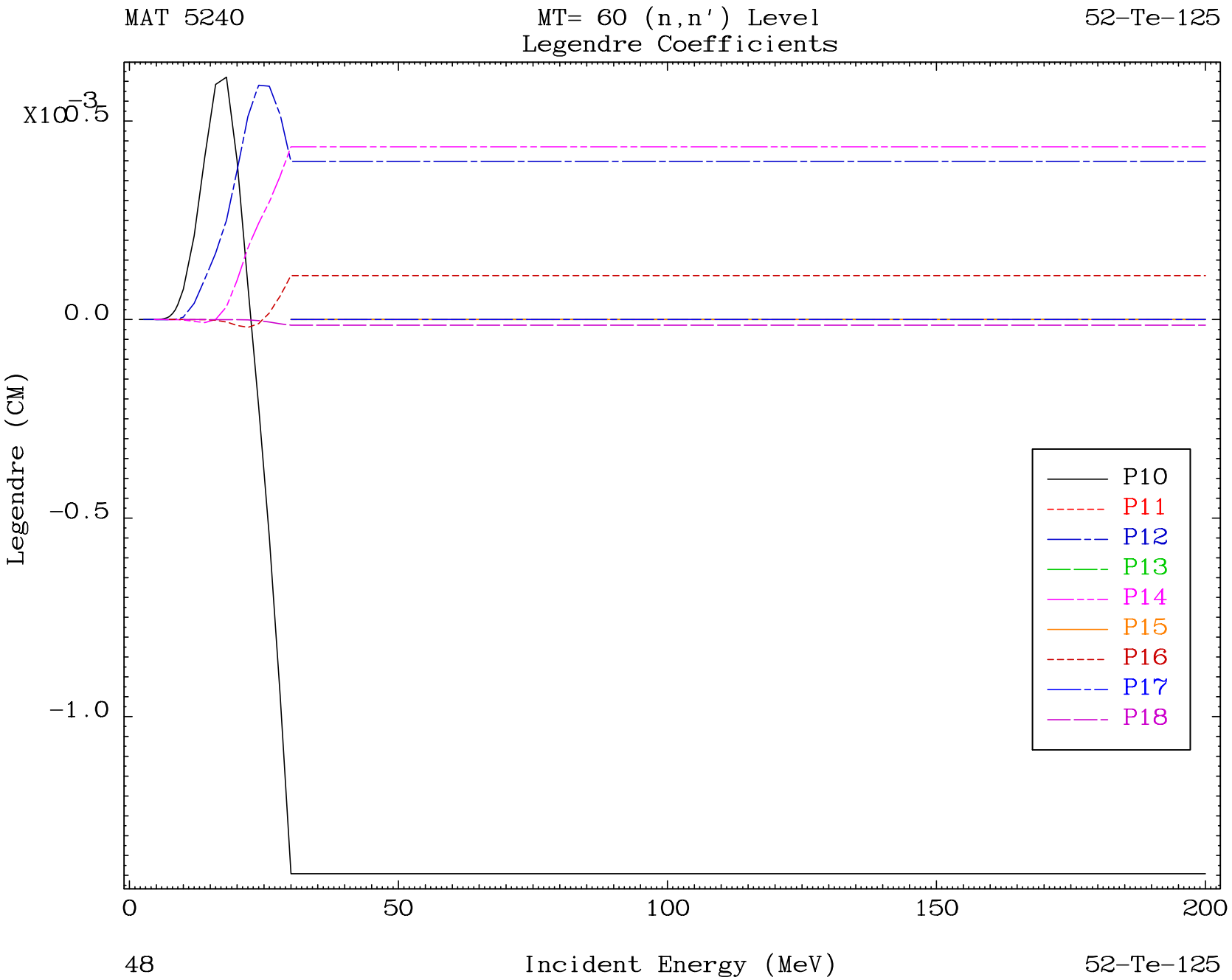

MAT 5240
MT= 58 (n,n') Level
Legendre Coefficients
52-Te-125
X10 −6
6
4
2
0
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
50
100
150
200
43
Incident Energy (MeV)
52-Te-125

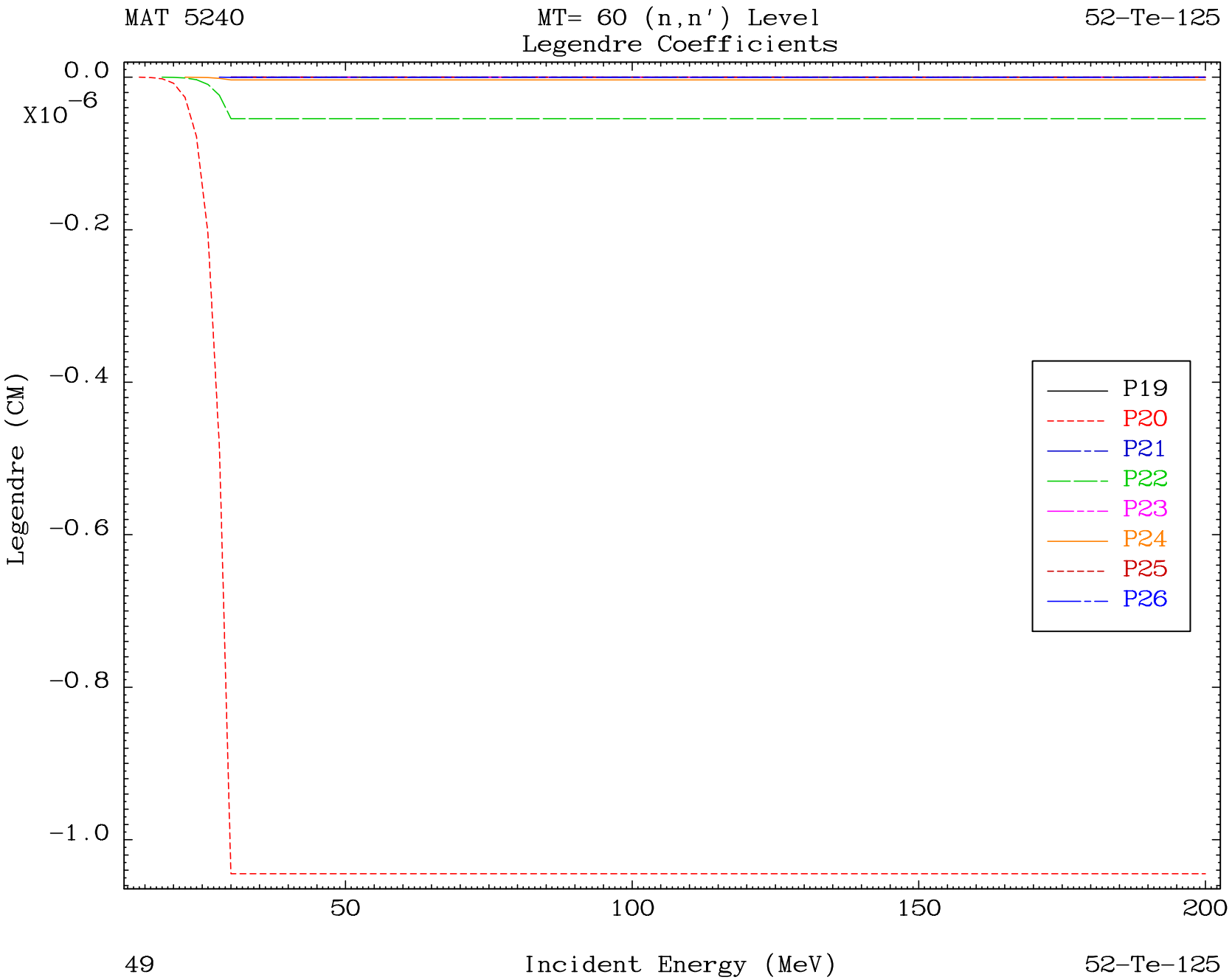

MAT 5240
MT= 59 (n,n') Level
Legendre Coefficients
52-Te-125
0.10
0.08
0.06
0.04
0.02
0.00
-0.02
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
0
50
100
150
200
44
Incident Energy (MeV)
52-Te-125

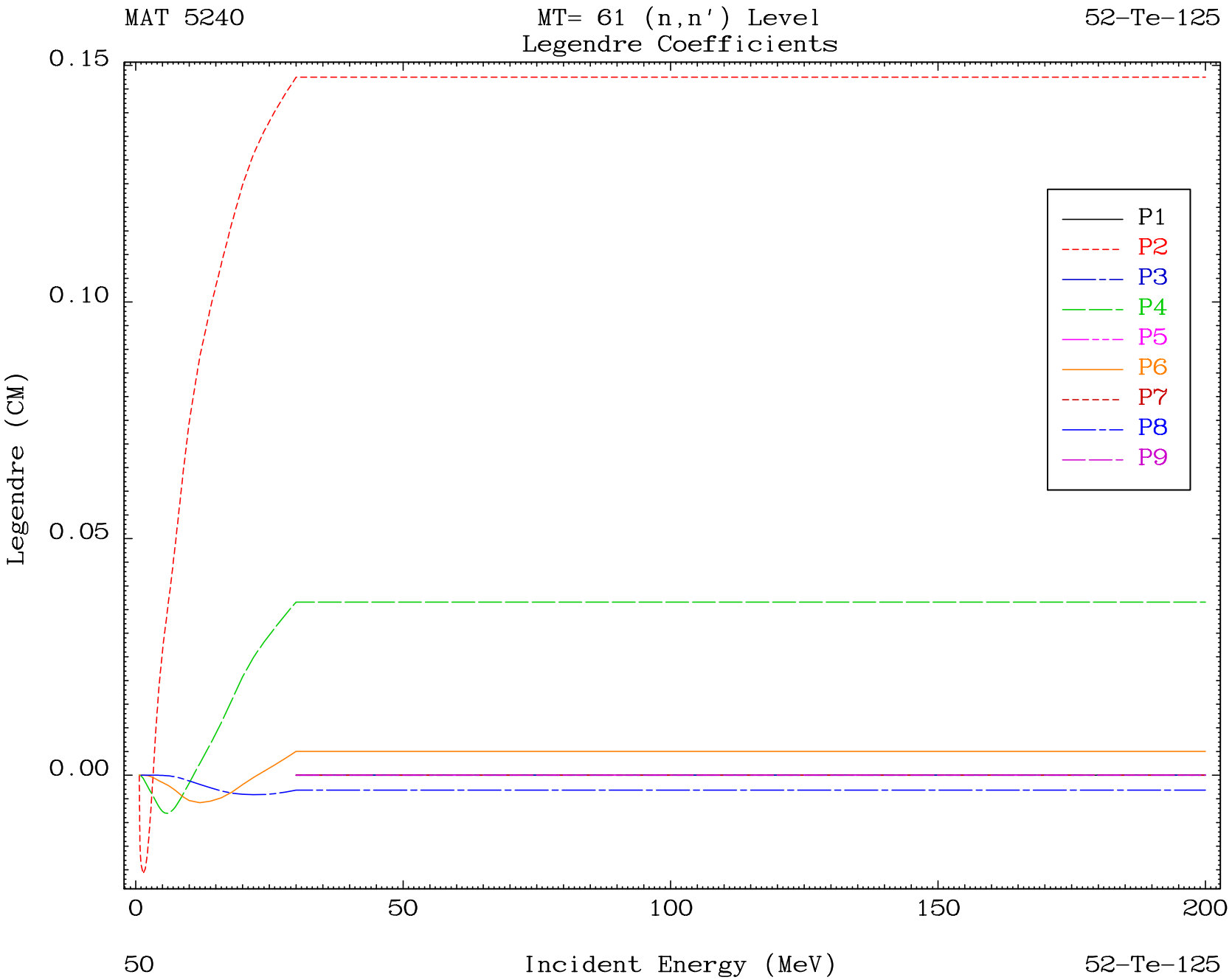

MAT 5240
MT= 59 (n,n') Level
Legendre Coefficients
52-Te-125
X10^-3
0.5
0.0
-0.5
-1.0
Legendre (CM)
0
50
100
150
200
45
Incident Energy (MeV)
52-Te-125
P10
P11
P12
P13
P14
P15
P16
P17
P18

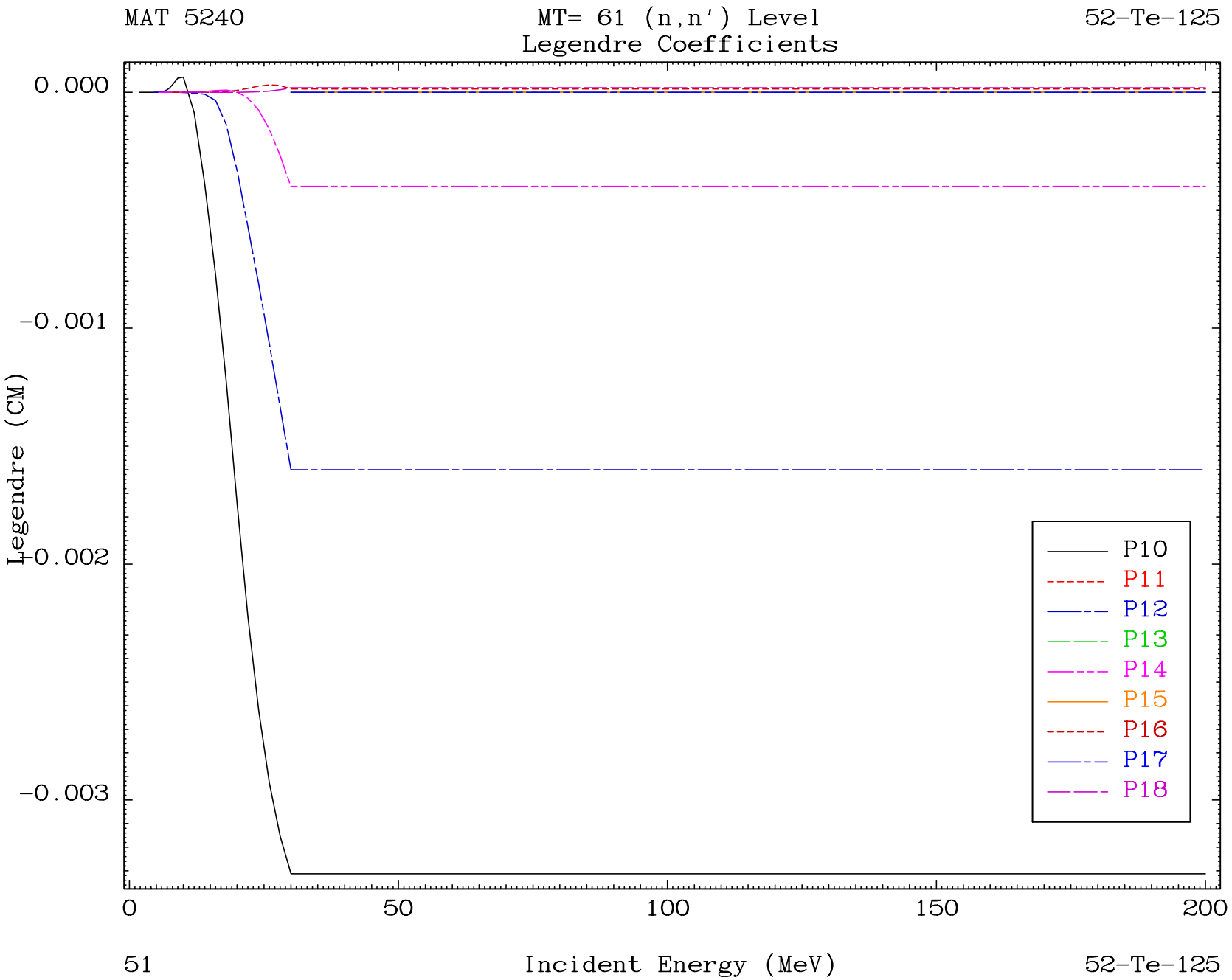

MAT 5240
MT= 59 (n,n') Level
Legendre Coefficients
52-Te-125
0.0
X10^-6
-0.2
-0.4
-0.6
-0.8
-1.0
Legendre (CM)
50
100
150
200
P19
P20
P21
P22
P23
P24
P25
P26
46
Incident Energy (MeV)
52-Te-125

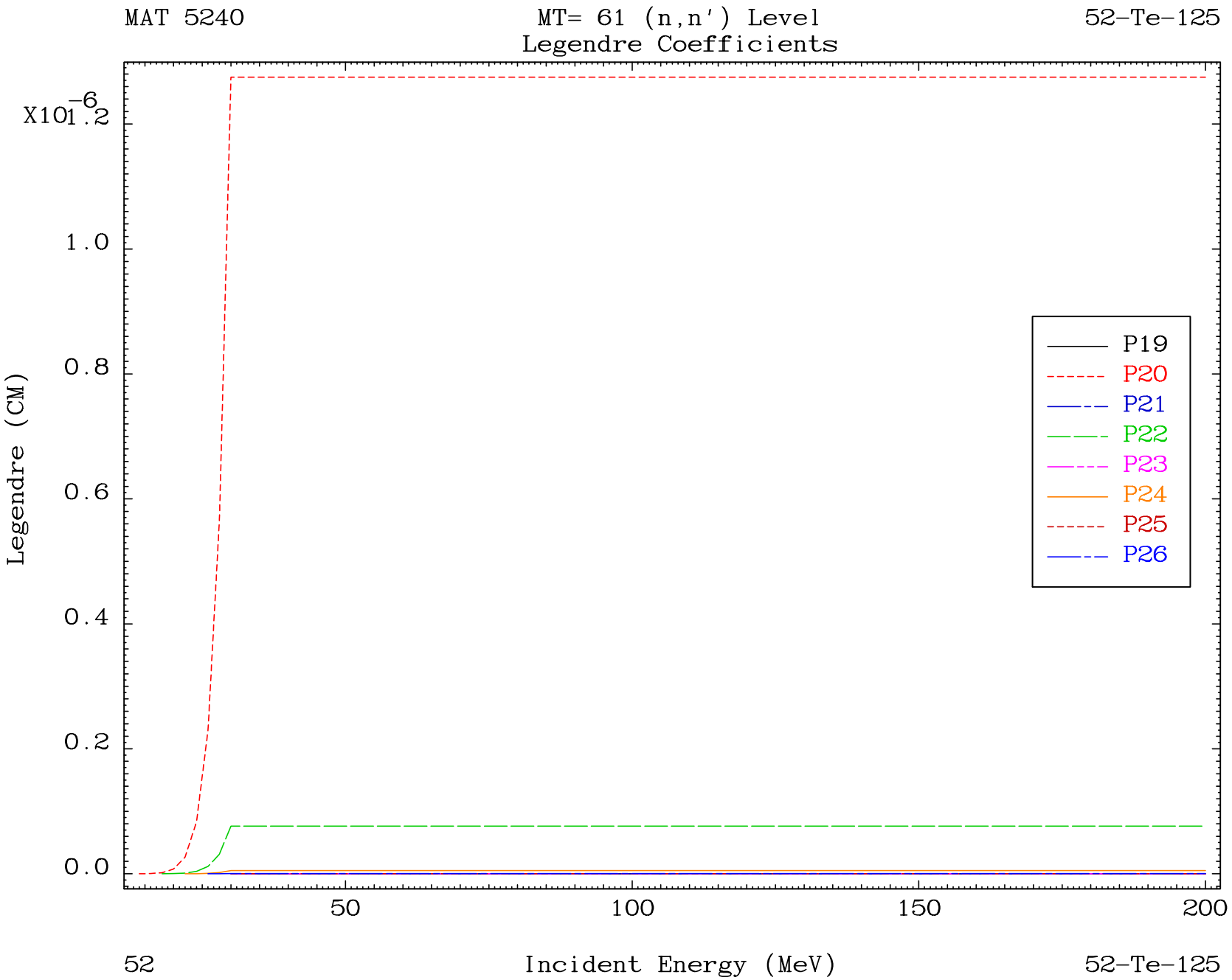

MAT 5240
MT= 60 (n,n') Level
Legendre Coefficients
52-Te-125
0.10
0.08
0.06
0.04
0.02
0.00
-0.02
Legendre (CM)
0
50
100
150
200
P1
P2
P3
P4
P5
P6
P7
P8
P9
47
Incident Energy (MeV)
52-Te-125

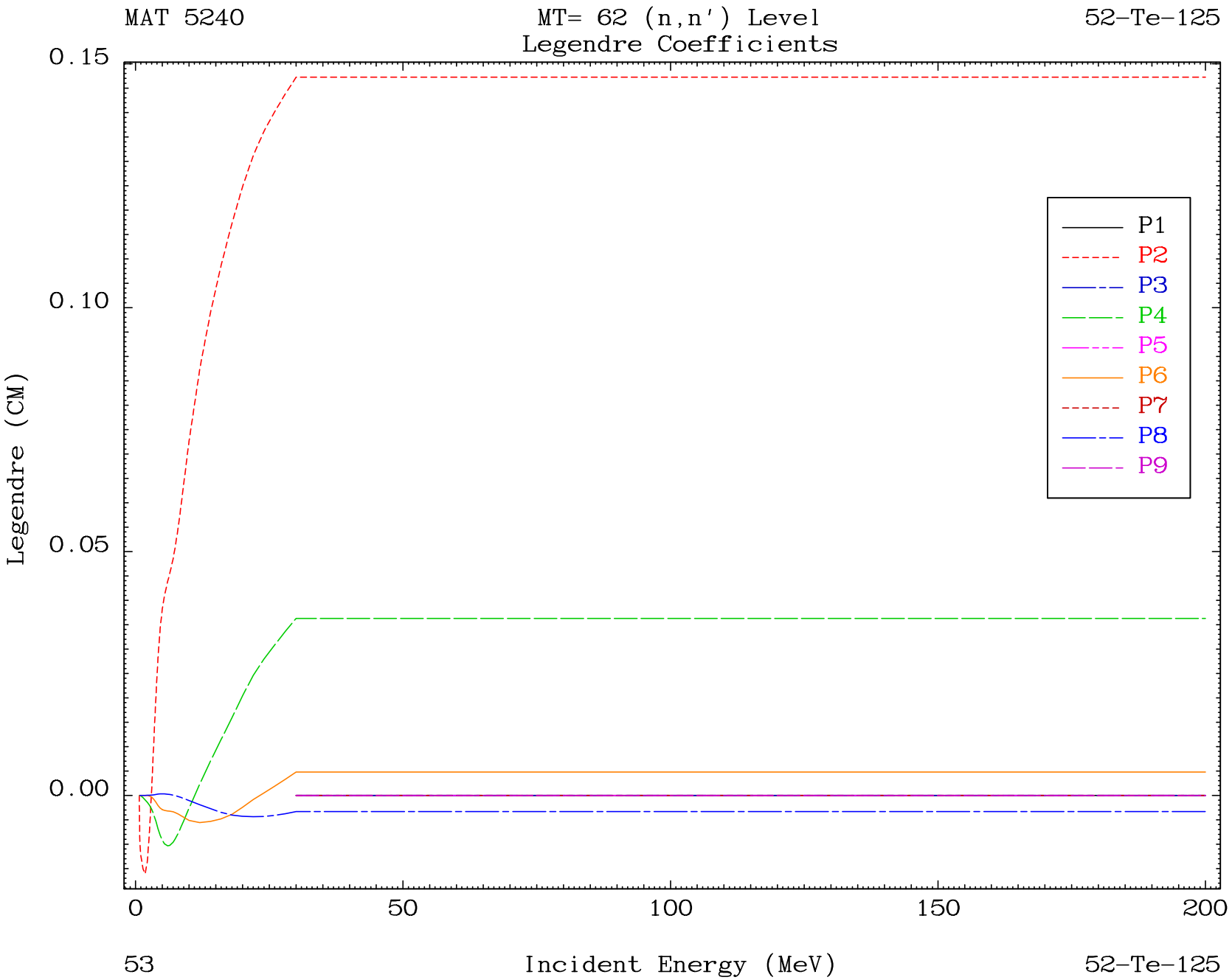

MAT 5240
MT= 60 (n,n') Level
Legendre Coefficients
52-Te-125
X10^-3
0.5
0.0
-0.5
-1.0
Legendre (CM)
0
50
100
150
200
48
Incident Energy (MeV)
52-Te-125
P10
P11
P12
P13
P14
P15
P16
P17
P18

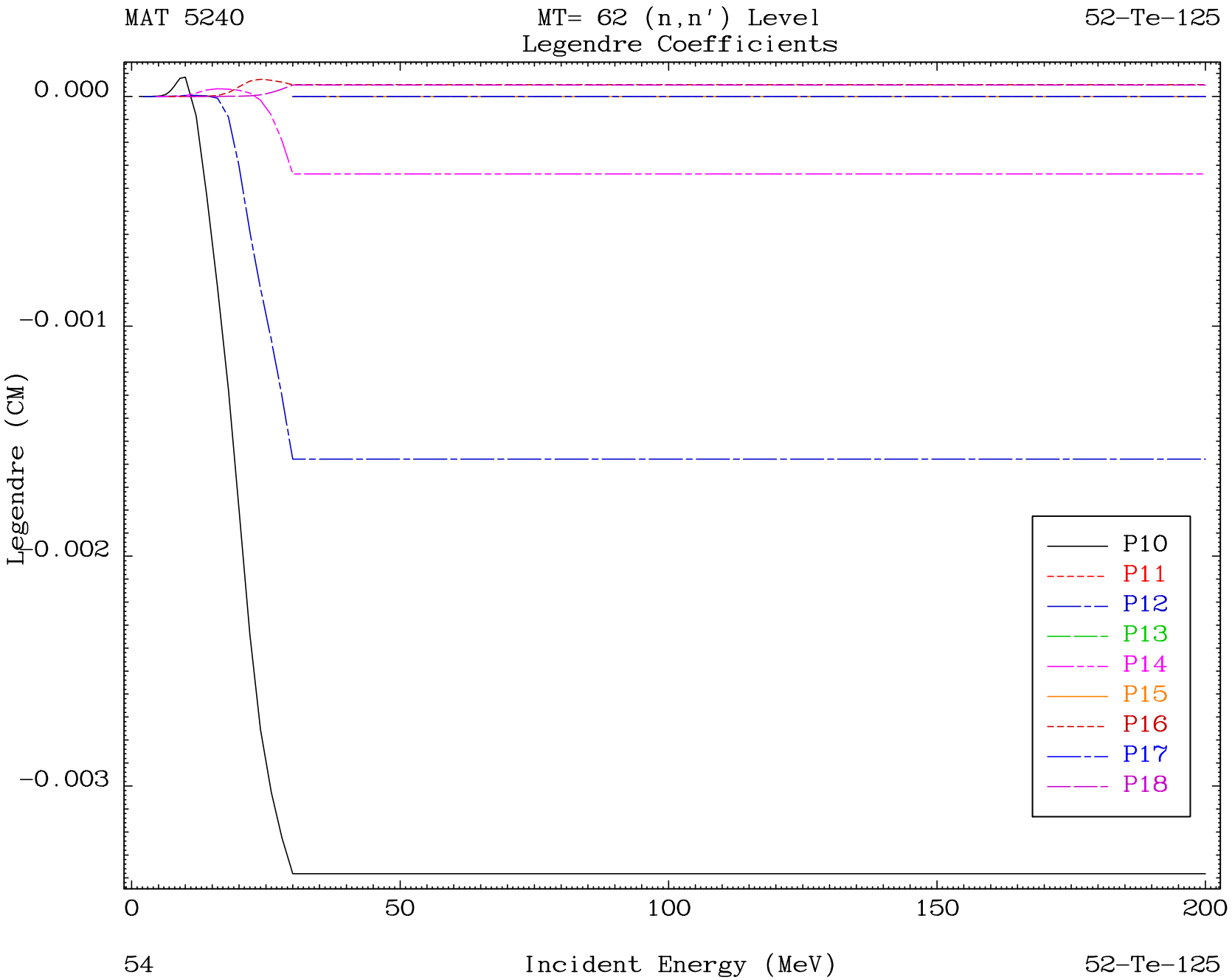

MAT 5240
MT= 60 (n,n') Level
Legendre Coefficients
52-Te-125
0.0
X10^-6
-0.2
-0.4
-0.6
-0.8
-1.0
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
50
100
150
200
49
Incident Energy (MeV)
52-Te-125

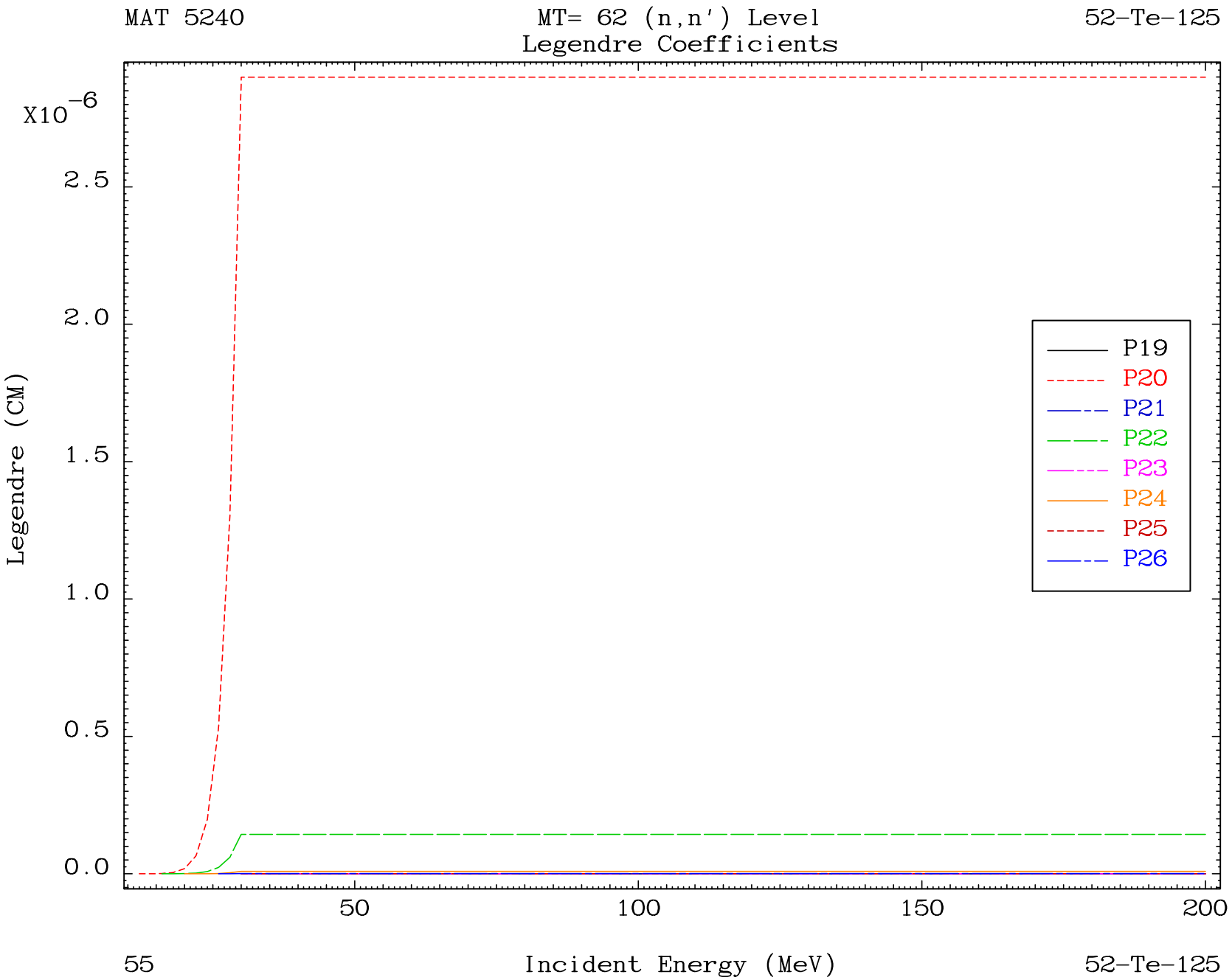

MAT 5240
MT= 61 (n,n') Level
Legendre Coefficients
52-Te-125
0.15
0.10
0.05
0.00
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
0
50
100
150
200
50
Incident Energy (MeV)
52-Te-125

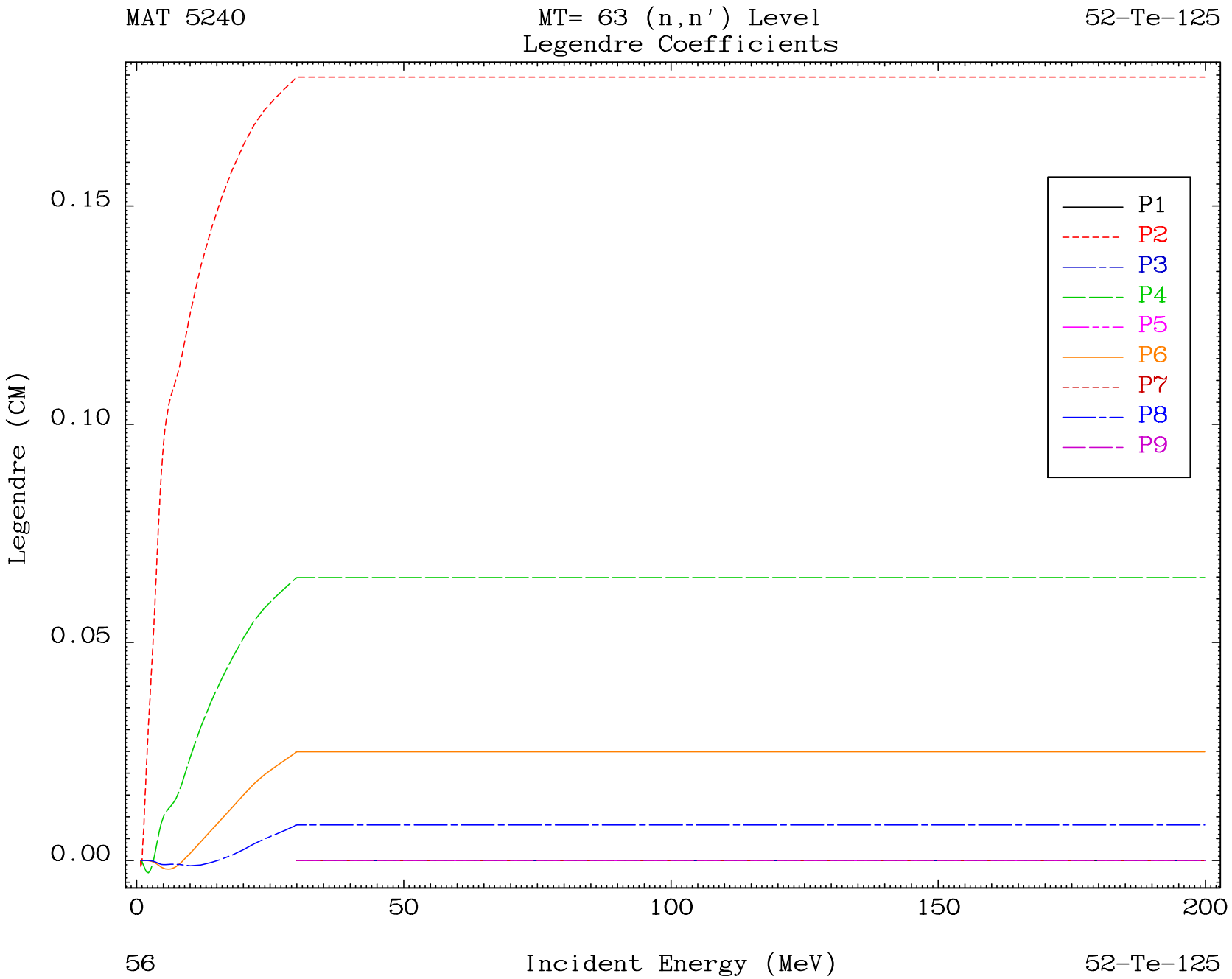

MAT 5240
MT= 61 (n,n') Level
Legendre Coefficients
52-Te-125
0.000
-0.001
-0.002
-0.003
Legendre (CM)
0
50
100
150
200
51
Incident Energy (MeV)
52-Te-125
P10
P11
P12
P13
P14
P15
P16
P17
P18

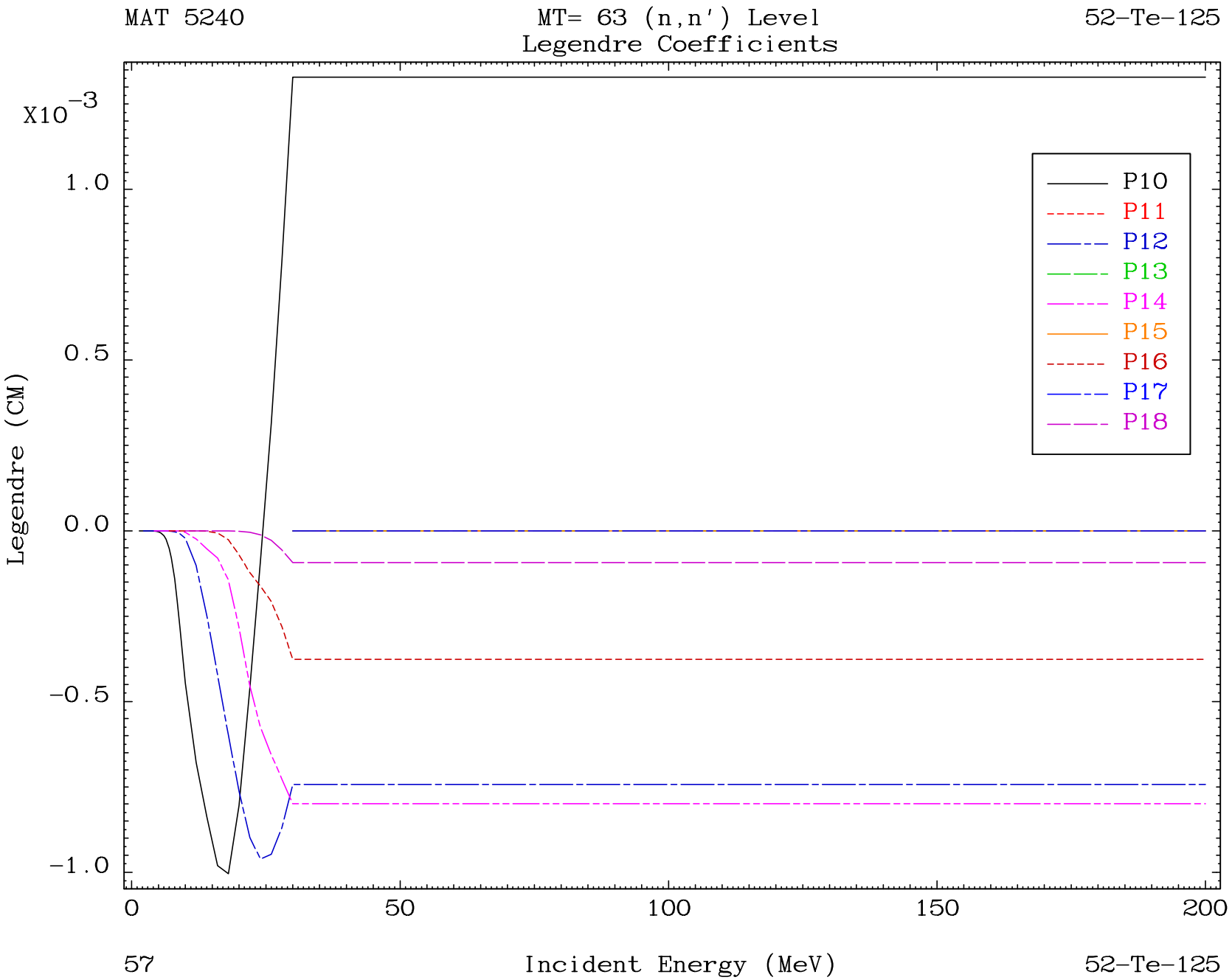

MAT 5240
MT= 61 (n,n') Level
Legendre Coefficients
52-Te-125
X10^-6
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Legendre (CM)
50
100
150
200
52
Incident Energy (MeV)
52-Te-125
P19
P20
P21
P22
P23
P24
P25
P26

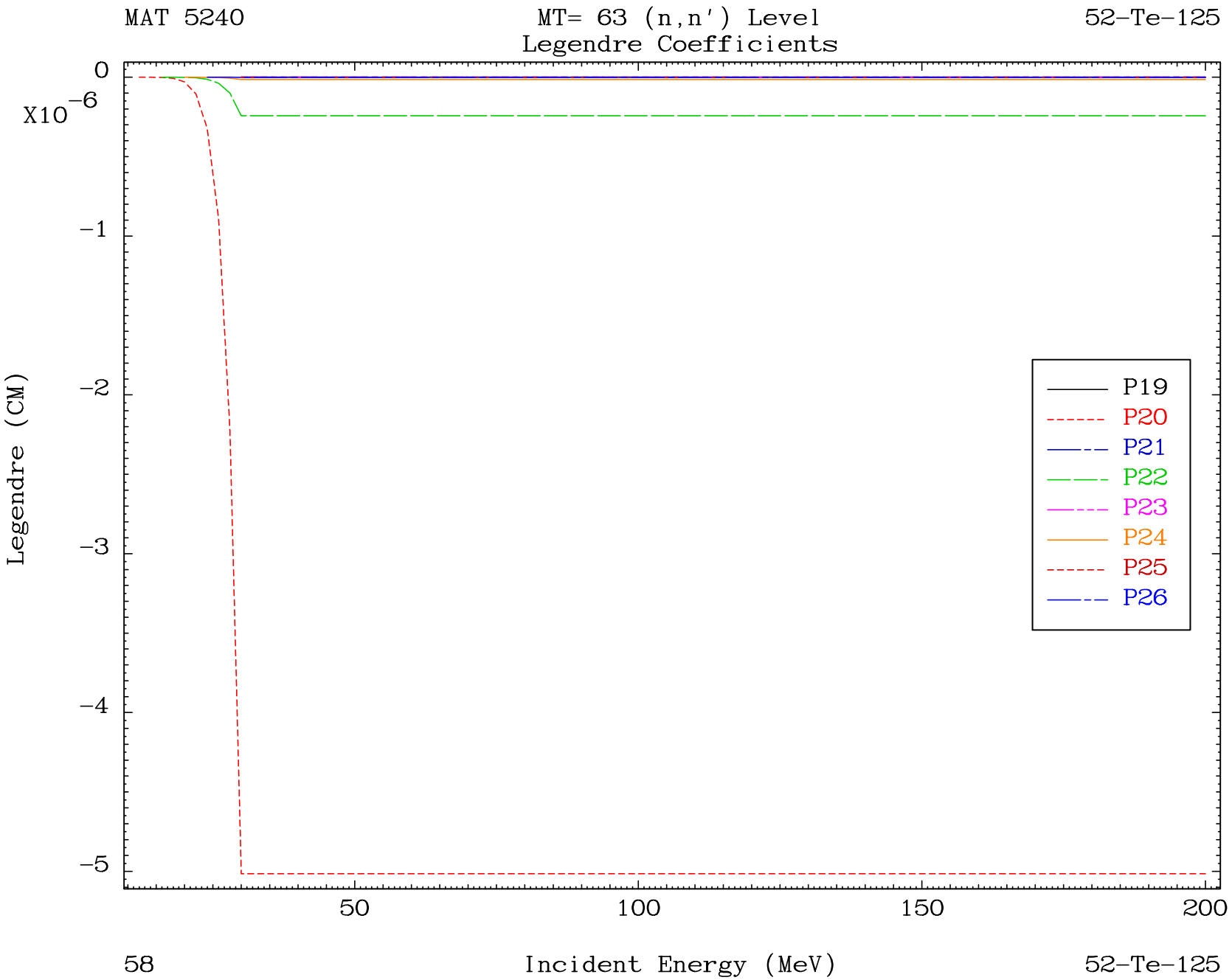

MAT 5240
MT= 62 (n,n') Level
Legendre Coefficients
52-Te-125
0.15
0.10
0.05
0.00
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
0
50
100
150
200
53
Incident Energy (MeV)
52-Te-125

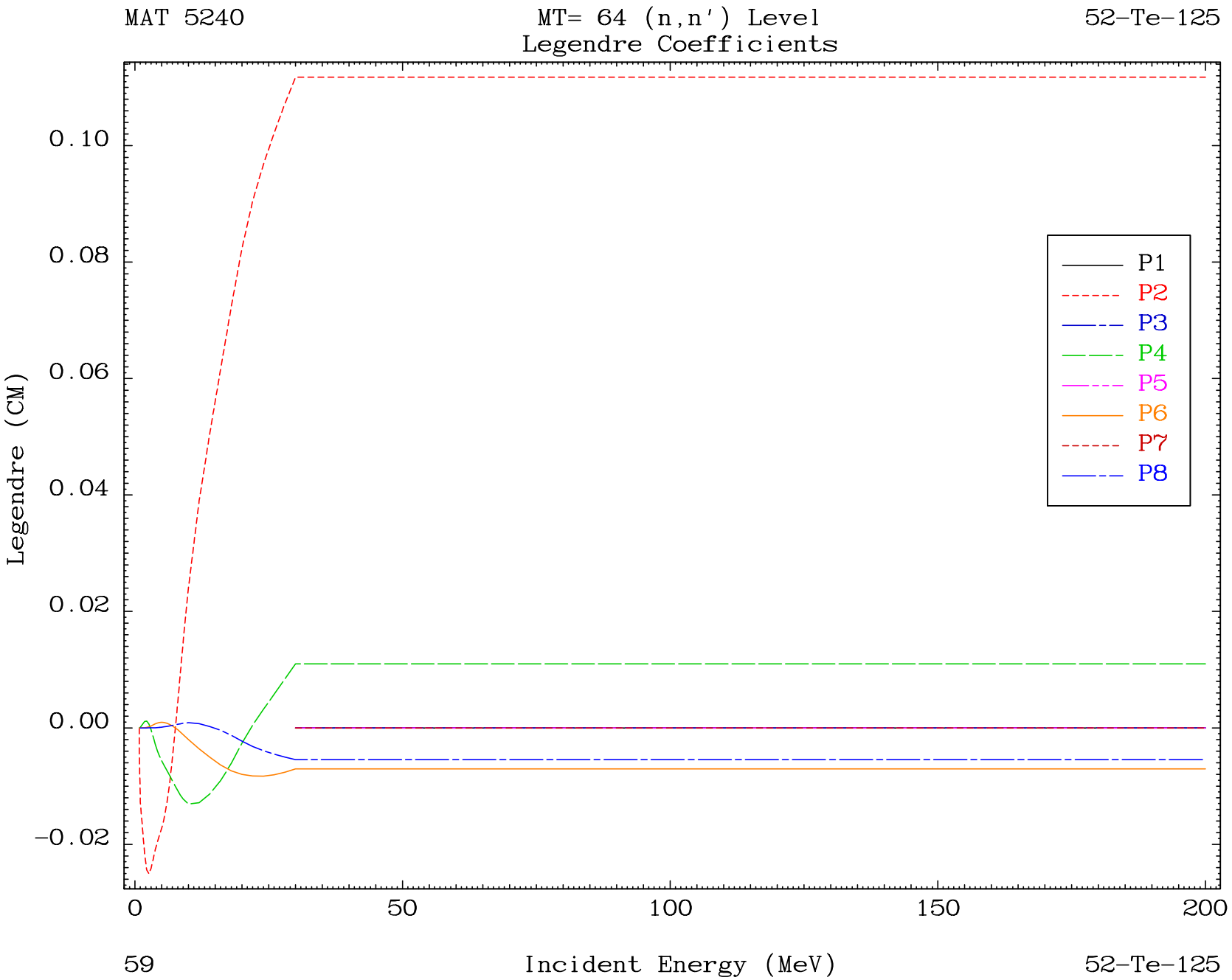

MAT 5240
MT= 62 (n,n') Level
Legendre Coefficients
52-Te-125
0.000
-0.001
-0.002
-0.003
Legendre (CM)
0
50
100
150
200
54
Incident Energy (MeV)
52-Te-125
P10
P11
P12
P13
P14
P15
P16
P17
P18

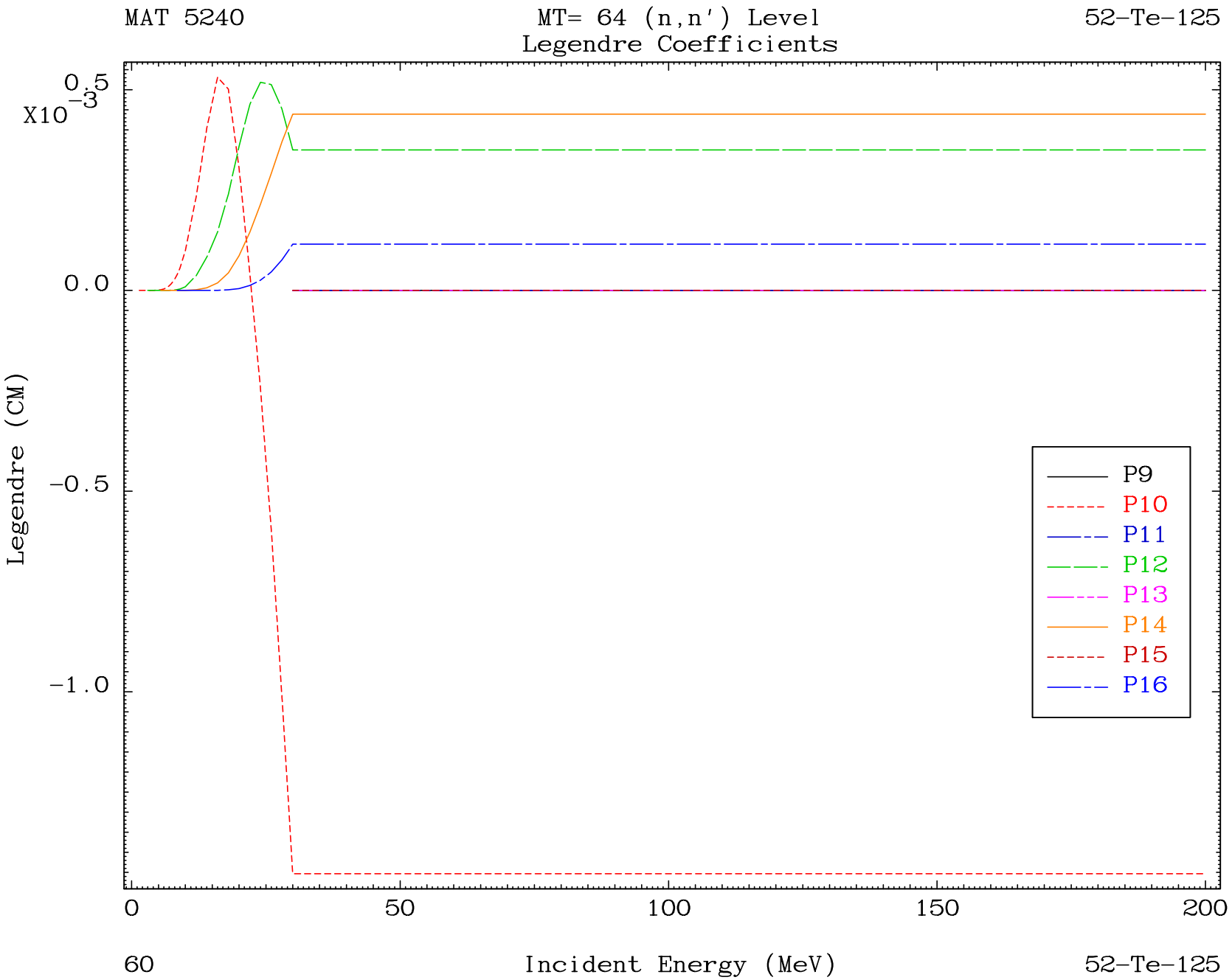

MAT 5240
MT= 62 (n,n') Level
Legendre Coefficients
52-Te-125
X10^-6
2.5
2.0
1.5
1.0
0.5
0.0
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
50
100
150
200
55
Incident Energy (MeV)
52-Te-125

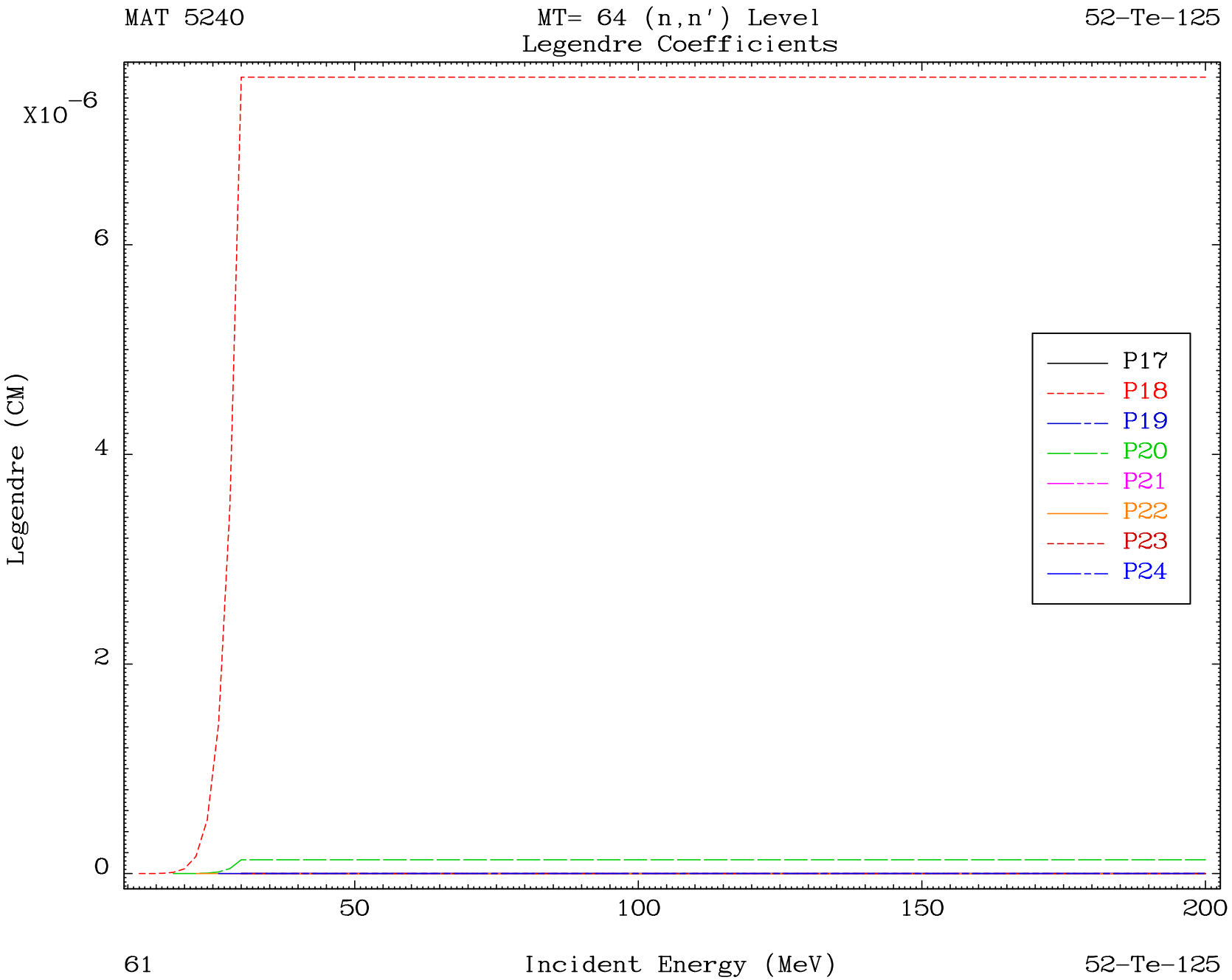

MAT 5240
MT= 63 (n,n') Level
Legendre Coefficients
52-Te-125
Legendre (CM)
0.15
0.10
0.05
0.00
0
50
100
150
200
Incident Energy (MeV)
56
52-Te-125
P1
P2
P3
P4
P5
P6
P7
P8
P9

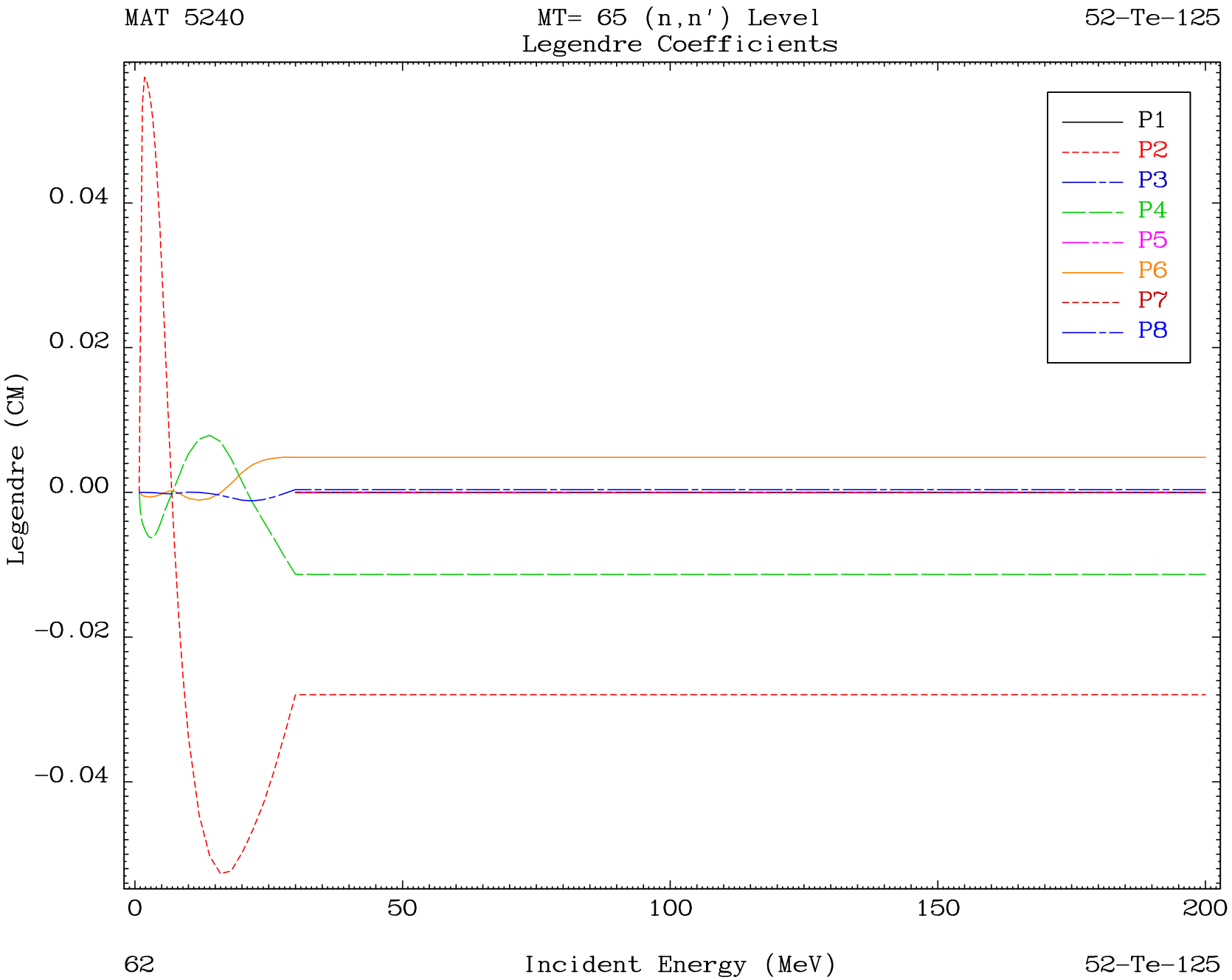

MAT 5240
MT= 63 (n,n') Level
Legendre Coefficients
52-Te-125
X10^-3
1.0
0.5
0.0
-0.5
-1.0
Legendre (CM)
P10
P11
P12
P13
P14
P15
P16
P17
P18
0
50
100
150
200
57
Incident Energy (MeV)
52-Te-125

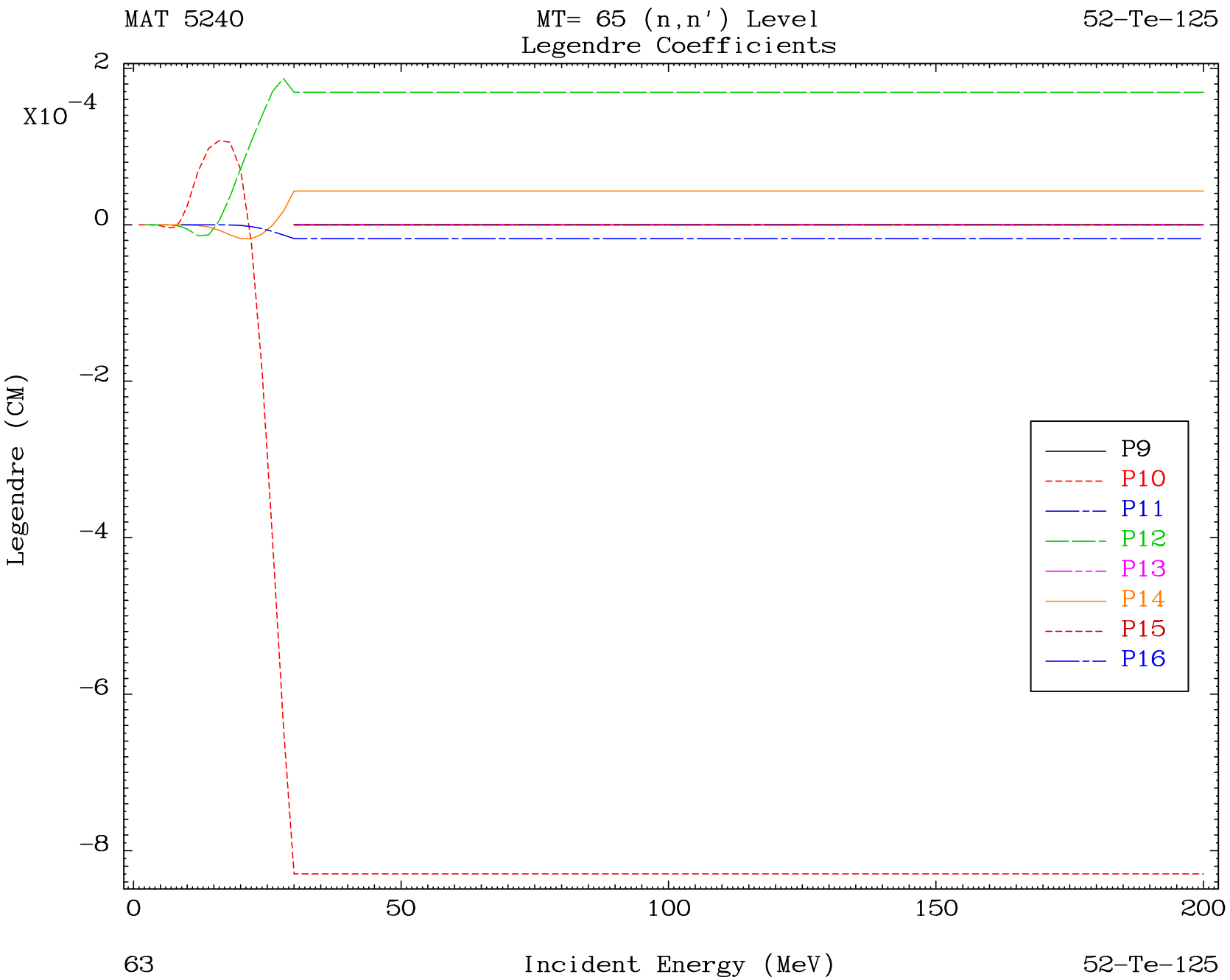

MAT 5240
MT= 63 (n,n') Level
Legendre Coefficients
52-Te-125
0
X10−6
−1
−2
−3
−4
−5
Legendre (CM)
50
100
150
200
58
Incident Energy (MeV)
52-Te-125
P19
P20
P21
P22
P23
P24
P25
P26

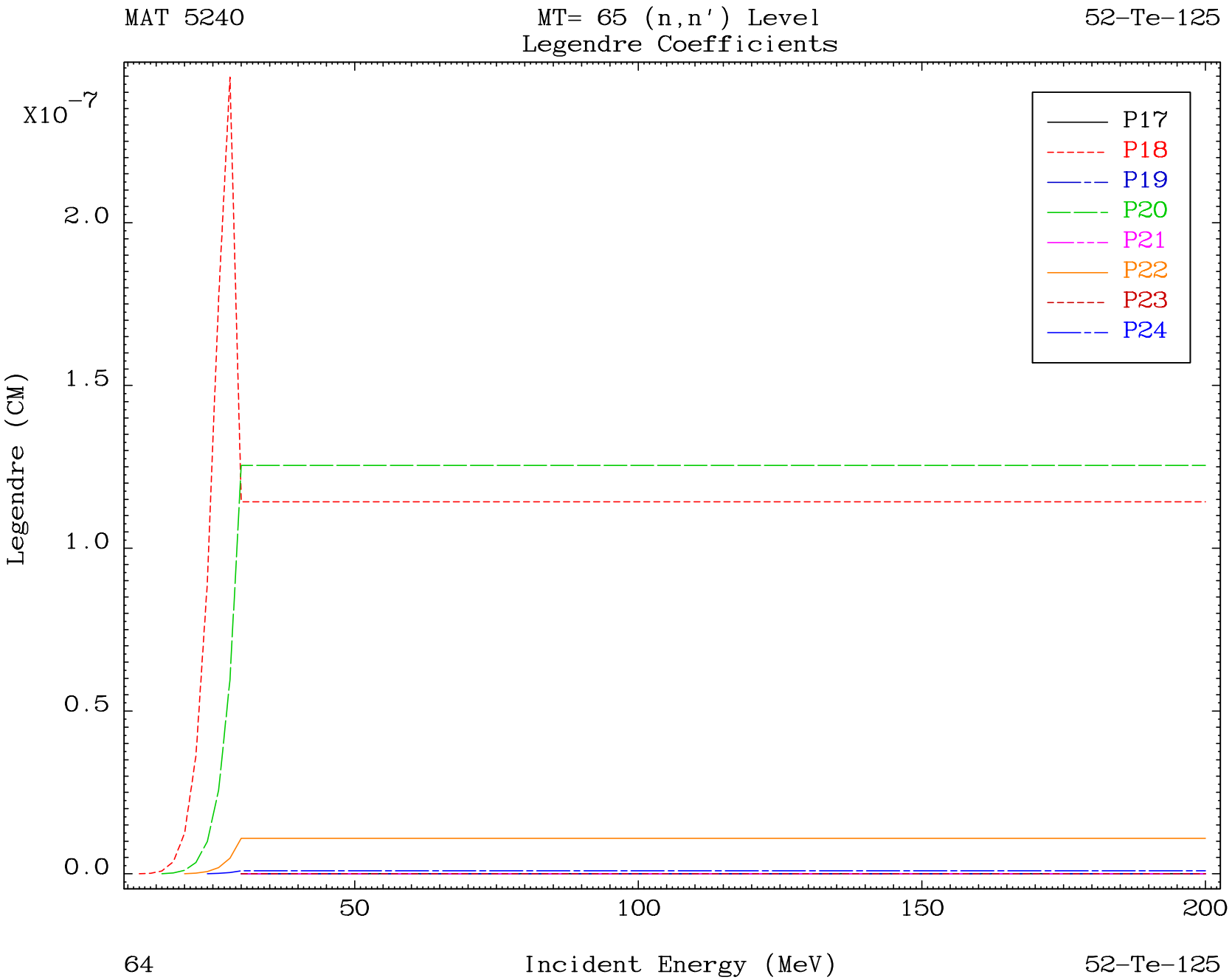

MAT 5240
MT= 64 (n,n') Level
Legendre Coefficients
52-Te-125
0.10
0.08
0.06
0.04
0.02
0.00
-0.02
Legendre (CM)
0
50
100
150
200
P1
P2
P3
P4
P5
P6
P7
P8
59
Incident Energy (MeV)
52-Te-125

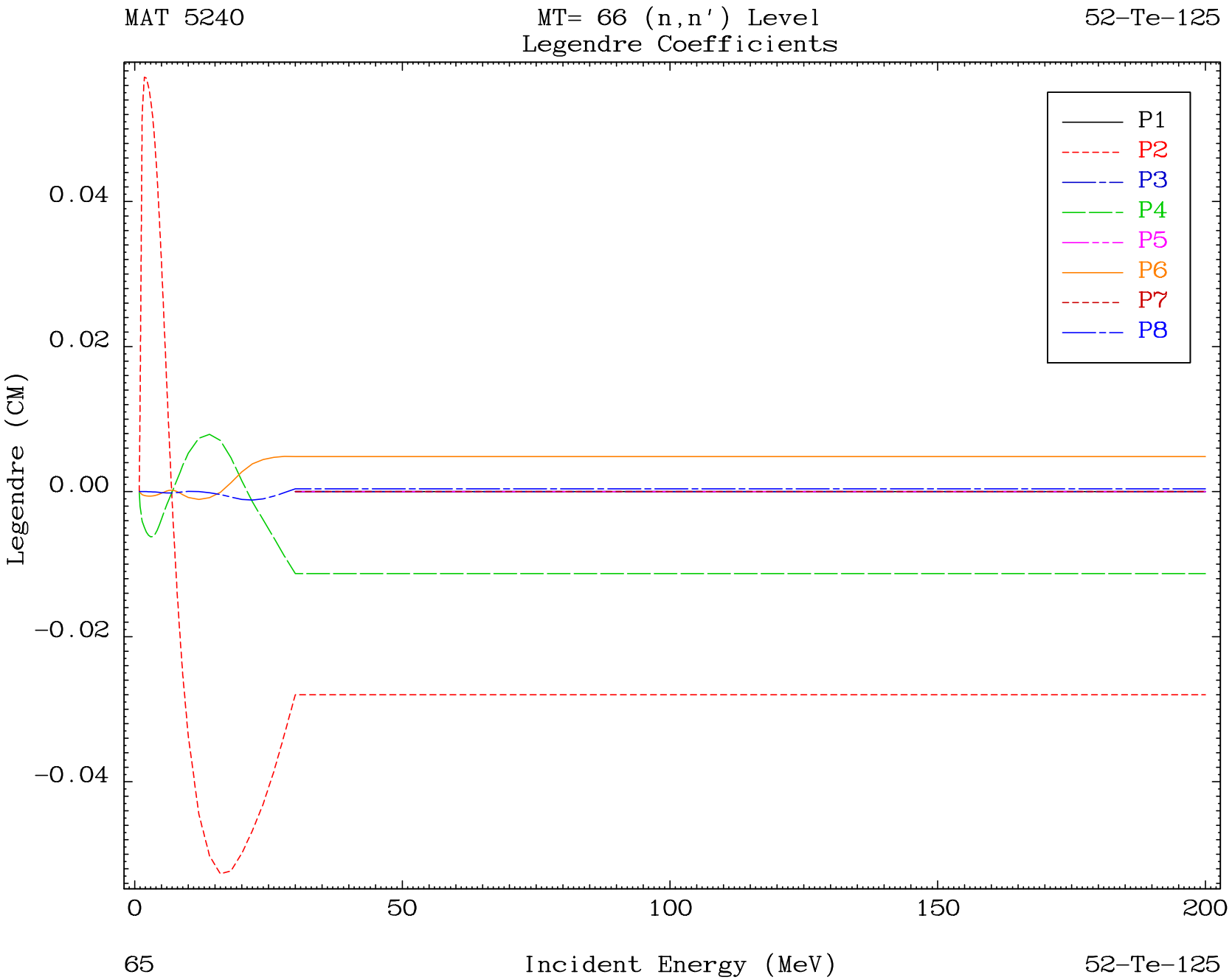

MAT 5240
MT= 64 (n,n') Level
Legendre Coefficients
52-Te-125
X10-3
0.5
0.0
-0.5
-1.0
Legendre (CM)
0
50
100
150
200
60
Incident Energy (MeV)
52-Te-125
P9
P10
P11
P12
P13
P14
P15
P16

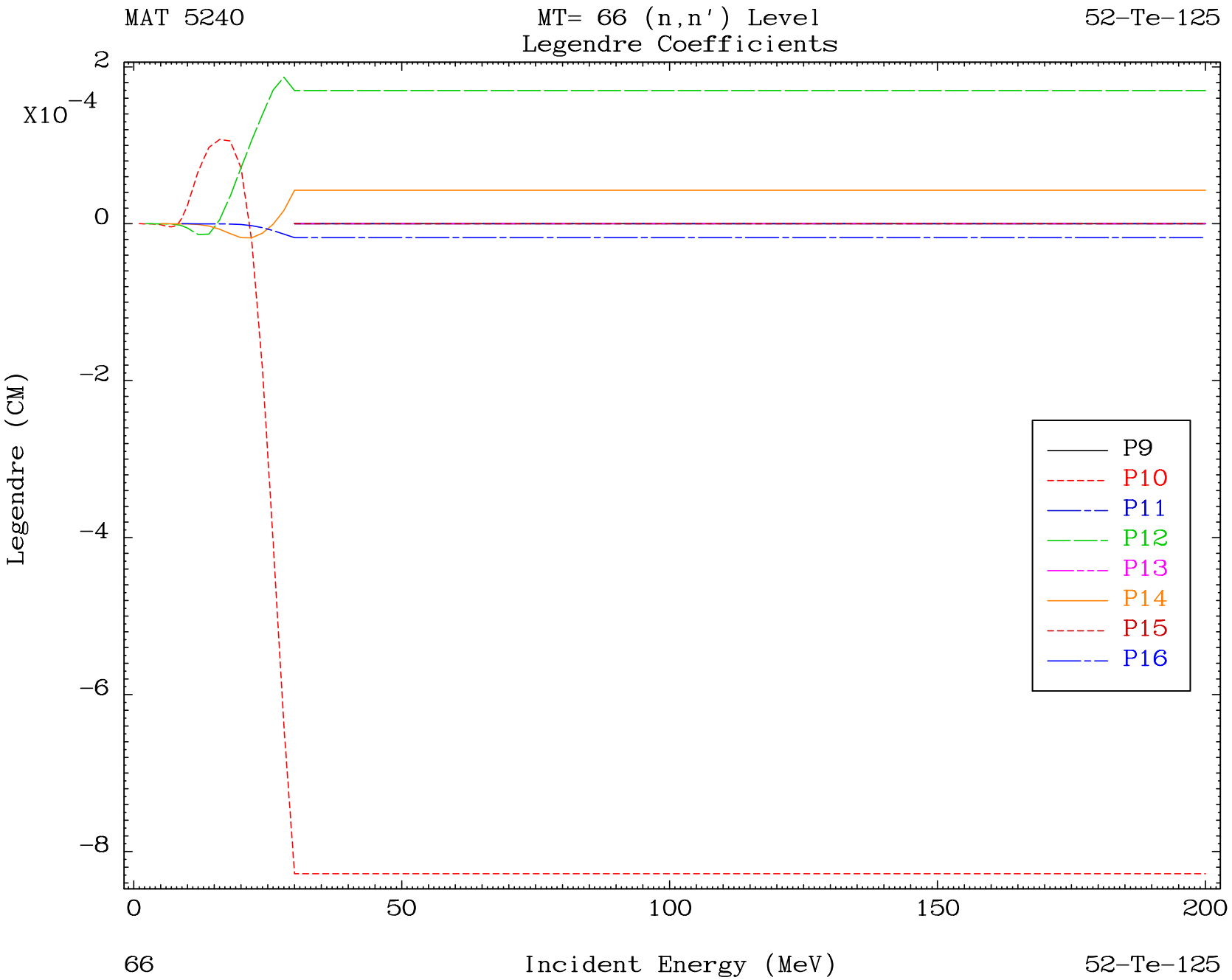

MAT 5240
MT= 64 (n,n') Level
Legendre Coefficients
52-Te-125
X10^-6
6
4
2
0
Legendre (CM)
50
100
150
200
P17
P18
P19
P20
P21
P22
P23
P24
61
Incident Energy (MeV)
52-Te-125

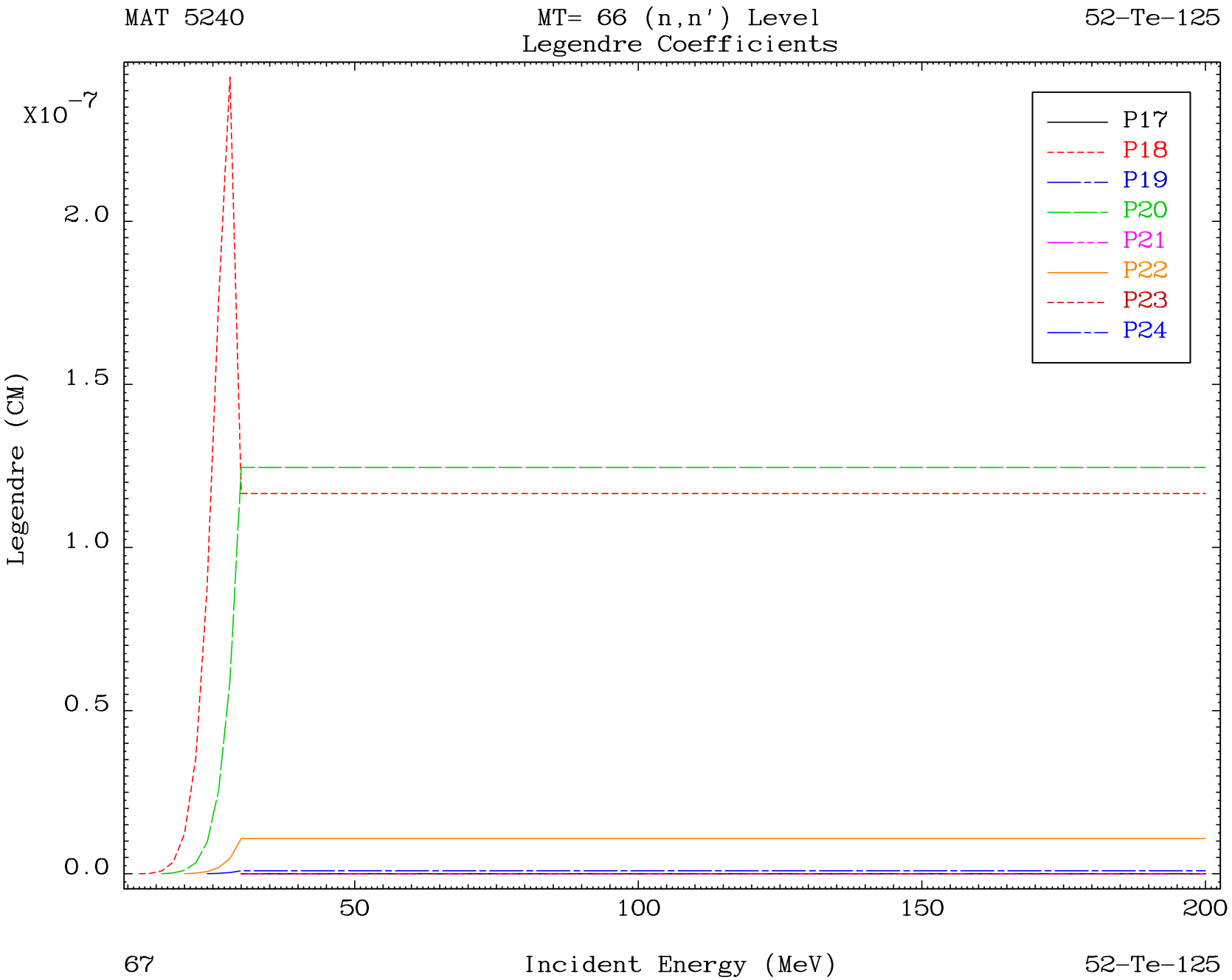

MAT 5240
MT= 65 (n,n') Level
Legendre Coefficients
52-Te-125
P1
P2
P3
P4
P5
P6
P7
P8
0.04
0.02
0.00
-0.02
-0.04
Legendre (CM)
0
50
100
150
200
62
Incident Energy (MeV)
52-Te-125

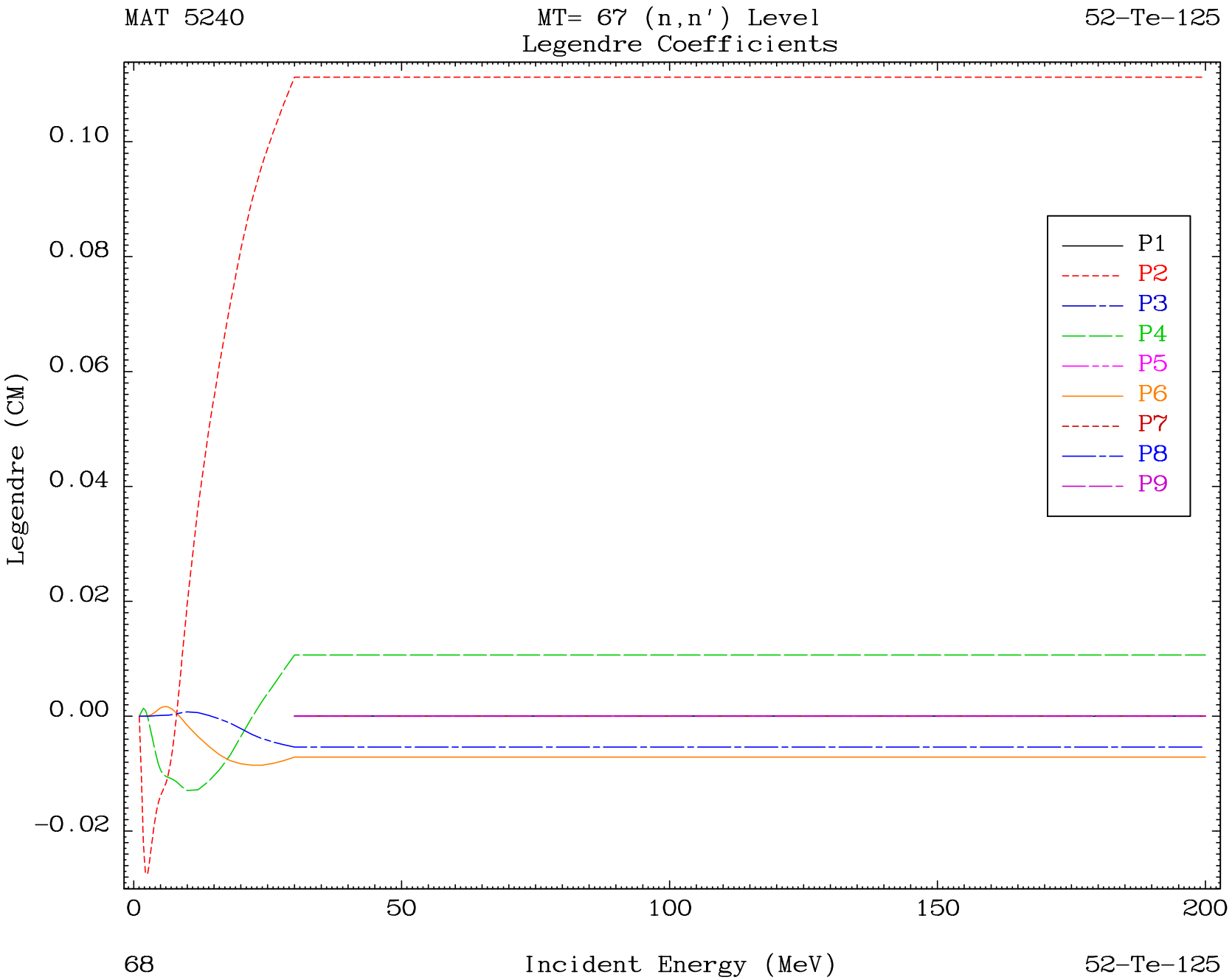

MAT 5240
MT= 65 (n,n') Level
Legendre Coefficients
52-Te-125
X10^-4
2
0
-2
-4
-6
-8
Legendre (CM)
P9
P10
P11
P12
P13
P14
P15
P16
0
50
100
150
200
63
Incident Energy (MeV)
52-Te-125

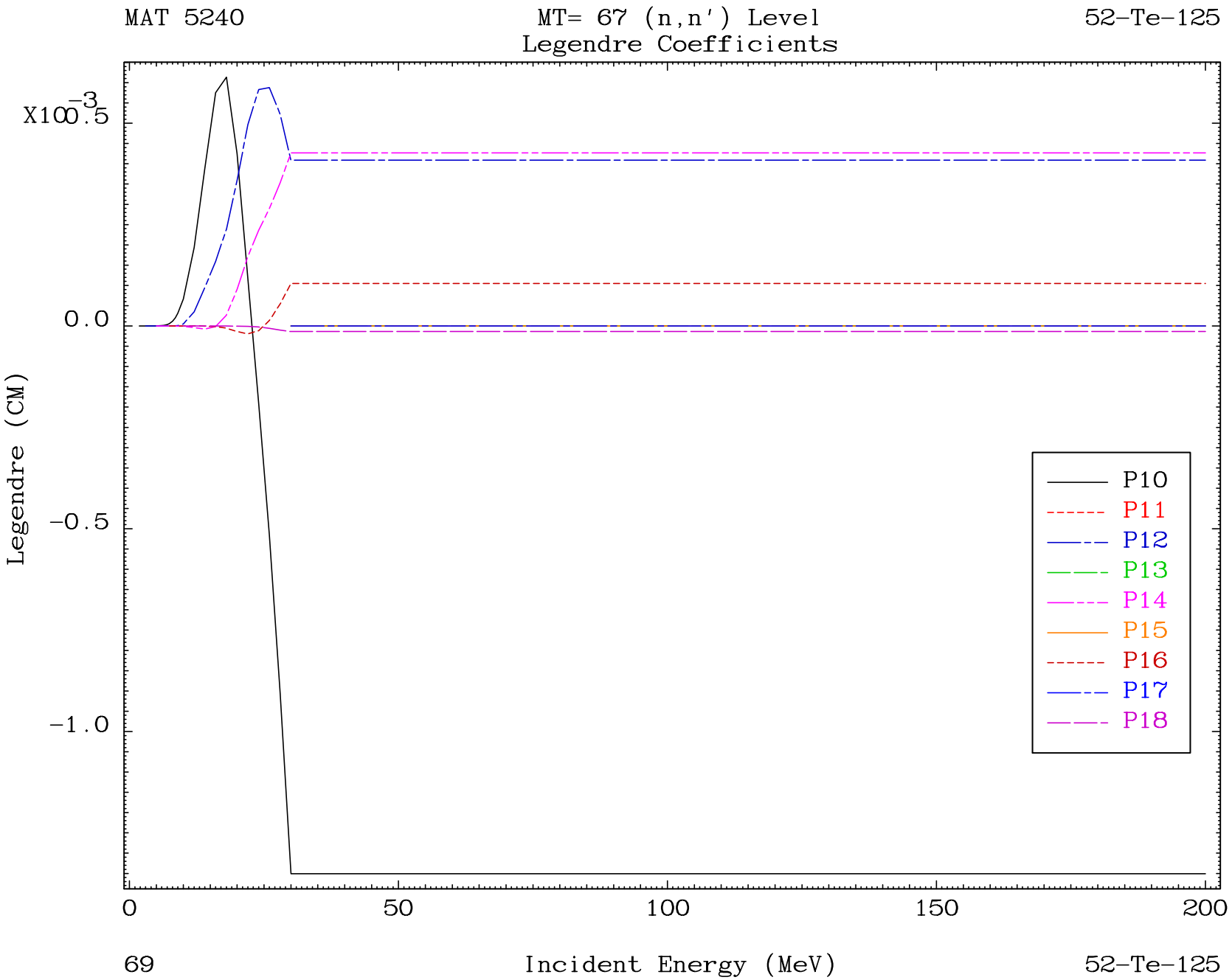

MAT 5240
MT= 65 (n,n') Level
Legendre Coefficients
52-Te-125
X10-7
2.0
1.5
1.0
0.5
0.0
Legendre (CM)
P17
P18
P19
P20
P21
P22
P23
P24
50
100
150
200
64
Incident Energy (MeV)
52-Te-125

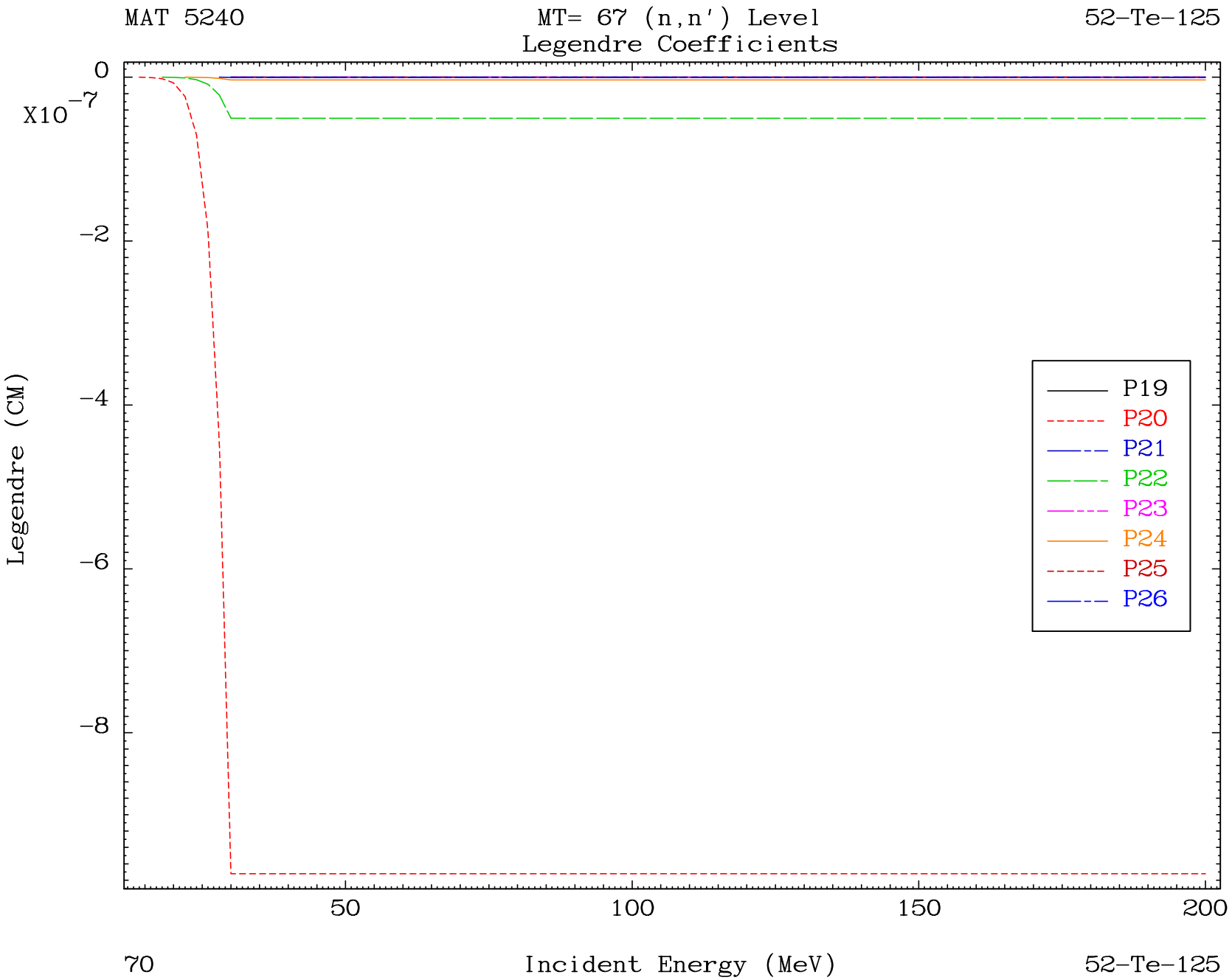

MAT 5240
MT= 66 (n,n') Level
Legendre Coefficients
52-Te-125
P1
P2
P3
P4
P5
P6
P7
P8
0.04
0.02
0.00
-0.02
-0.04
Legendre (CM)
0
50
100
150
200
65
Incident Energy (MeV)
52-Te-125

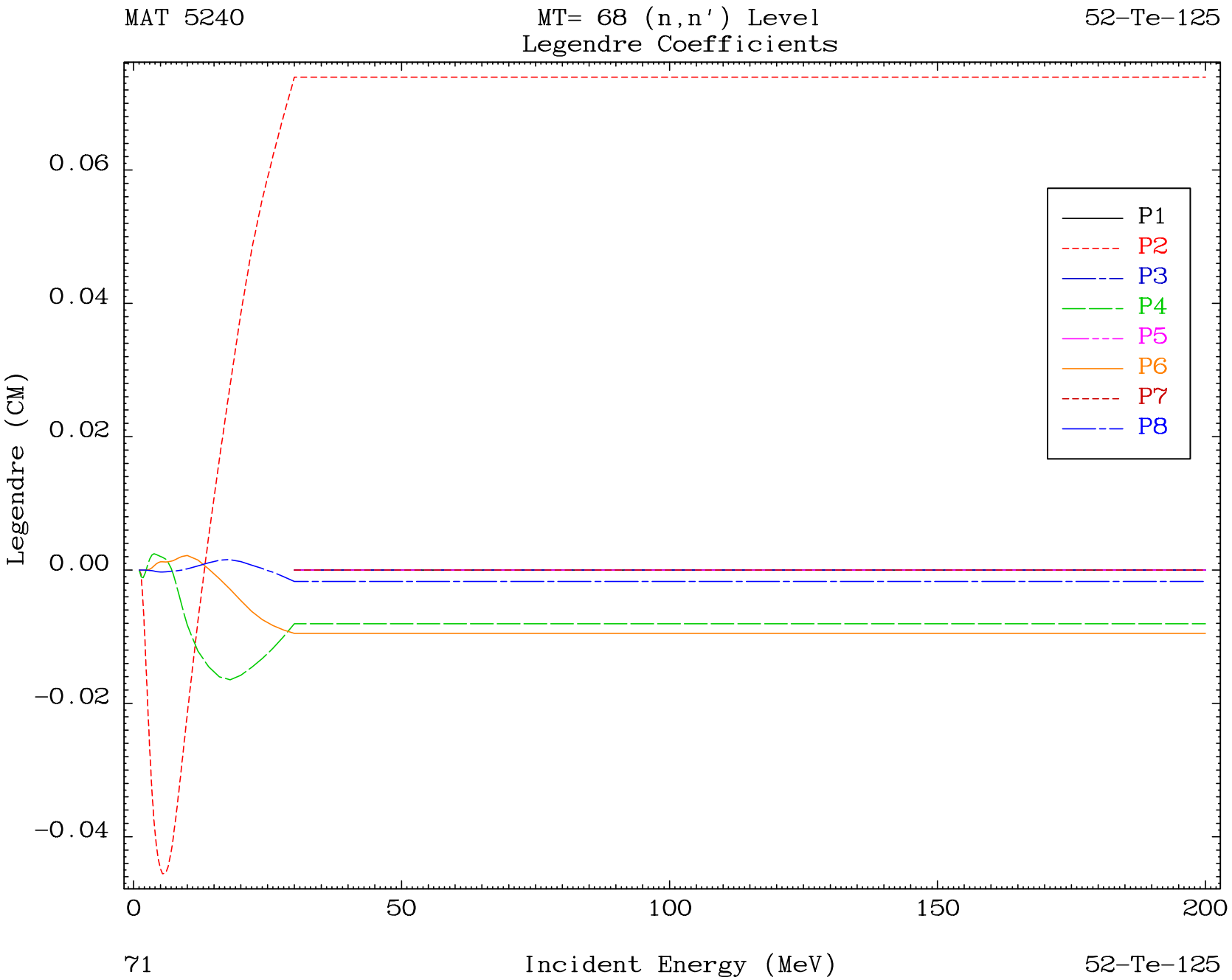

MAT 5240
MT= 66 (n,n') Level
Legendre Coefficients
52-Te-125
X10 −4
2
0
−2
−4
−6
−8
Legendre (CM)
P9
P10
P11
P12
P13
P14
P15
P16
0
50
100
150
200
66
Incident Energy (MeV)
52-Te-125

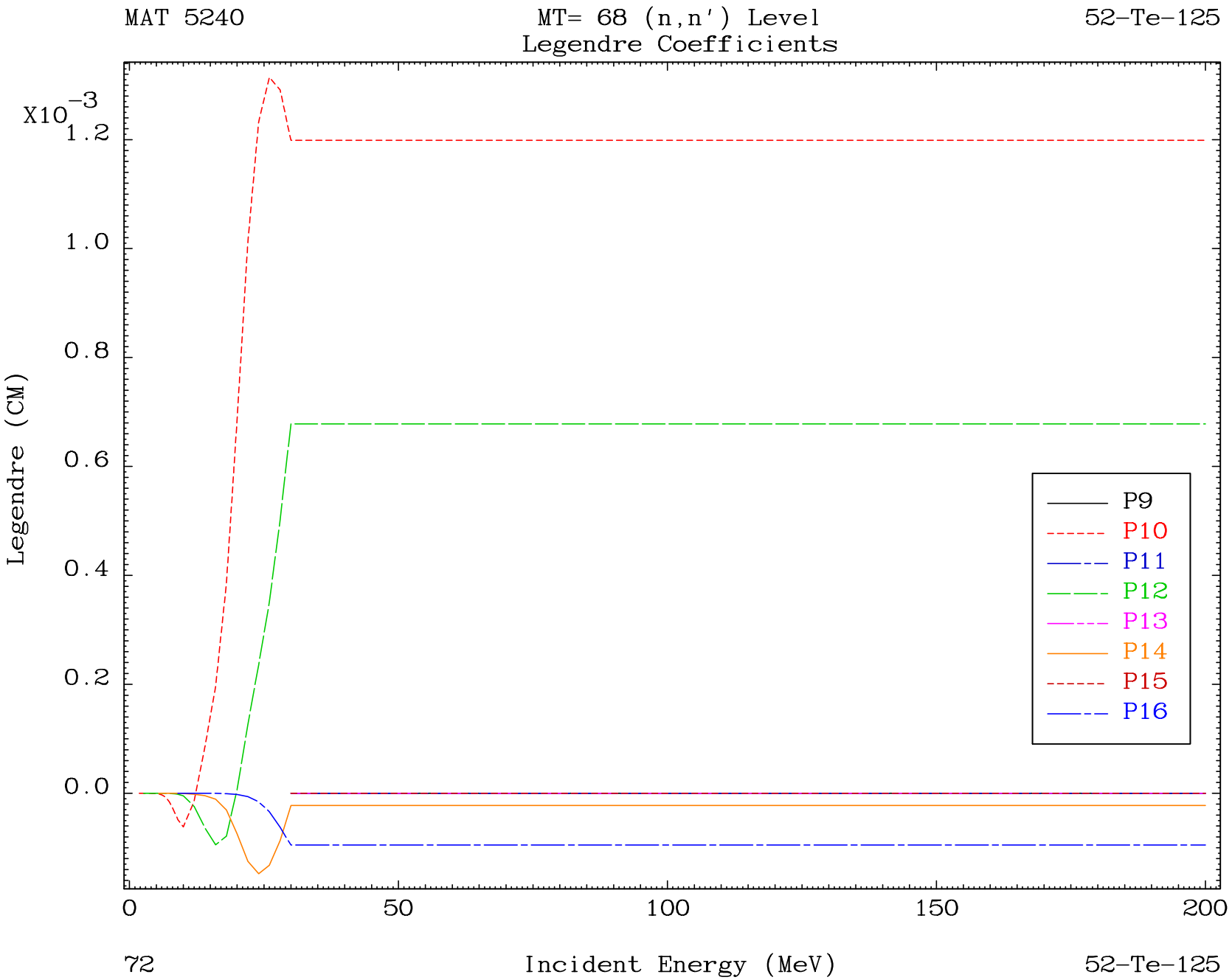

MAT 5240
MT= 66 (n,n') Level
Legendre Coefficients
52-Te-125
X10-7
2.0
1.5
1.0
0.5
0.0
Legendre (CM)
P17
P18
P19
P20
P21
P22
P23
P24
50
100
150
200
67
Incident Energy (MeV)
52-Te-125

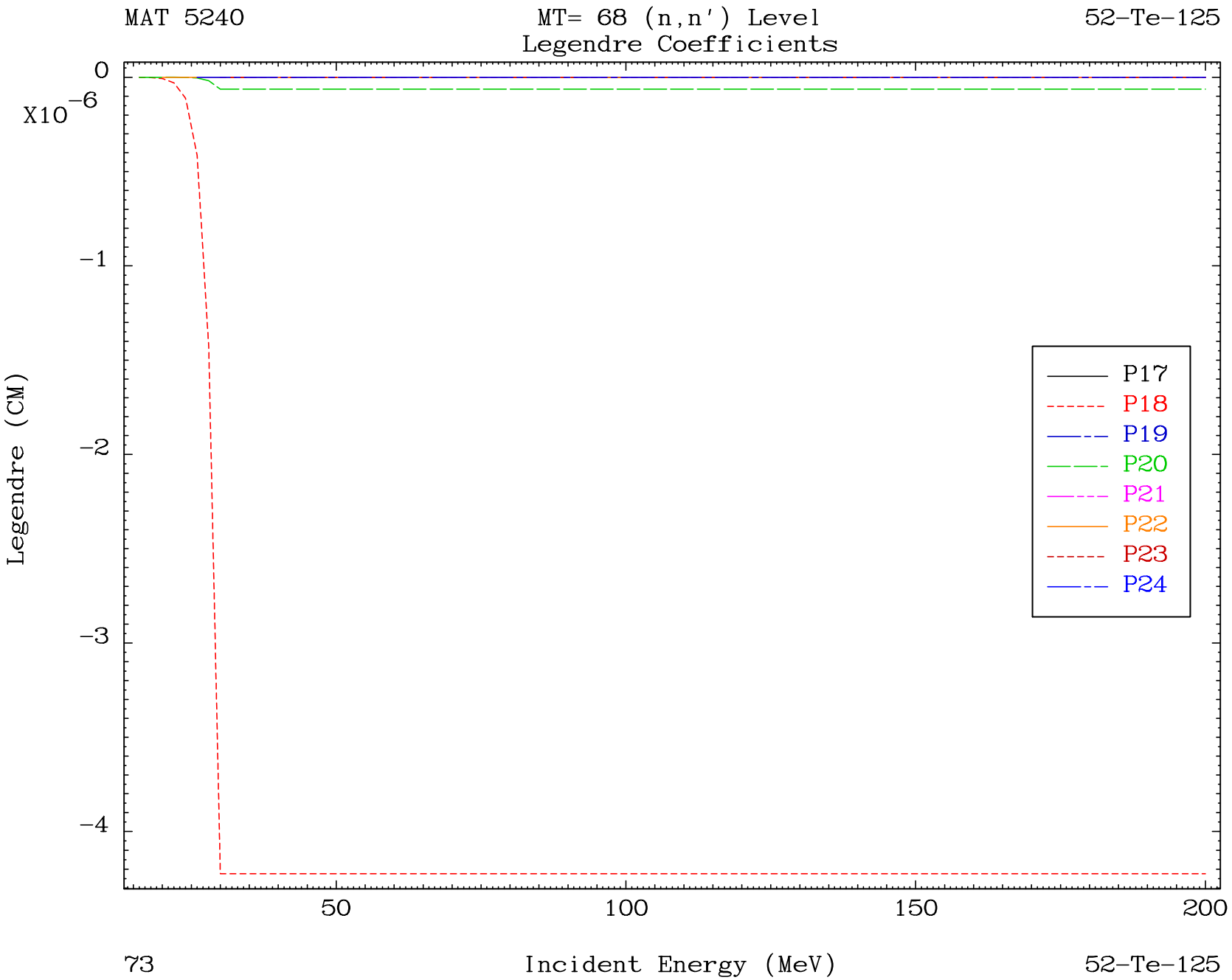

MAT 5240
MT= 67 (n,n') Level
Legendre Coefficients
52-Te-125
0.10
0.08
0.06
0.04
0.02
0.00
-0.02
Legendre (CM)
0
50
100
150
200
68
Incident Energy (MeV)
52-Te-125
P1
P2
P3
P4
P5
P6
P7
P8
P9

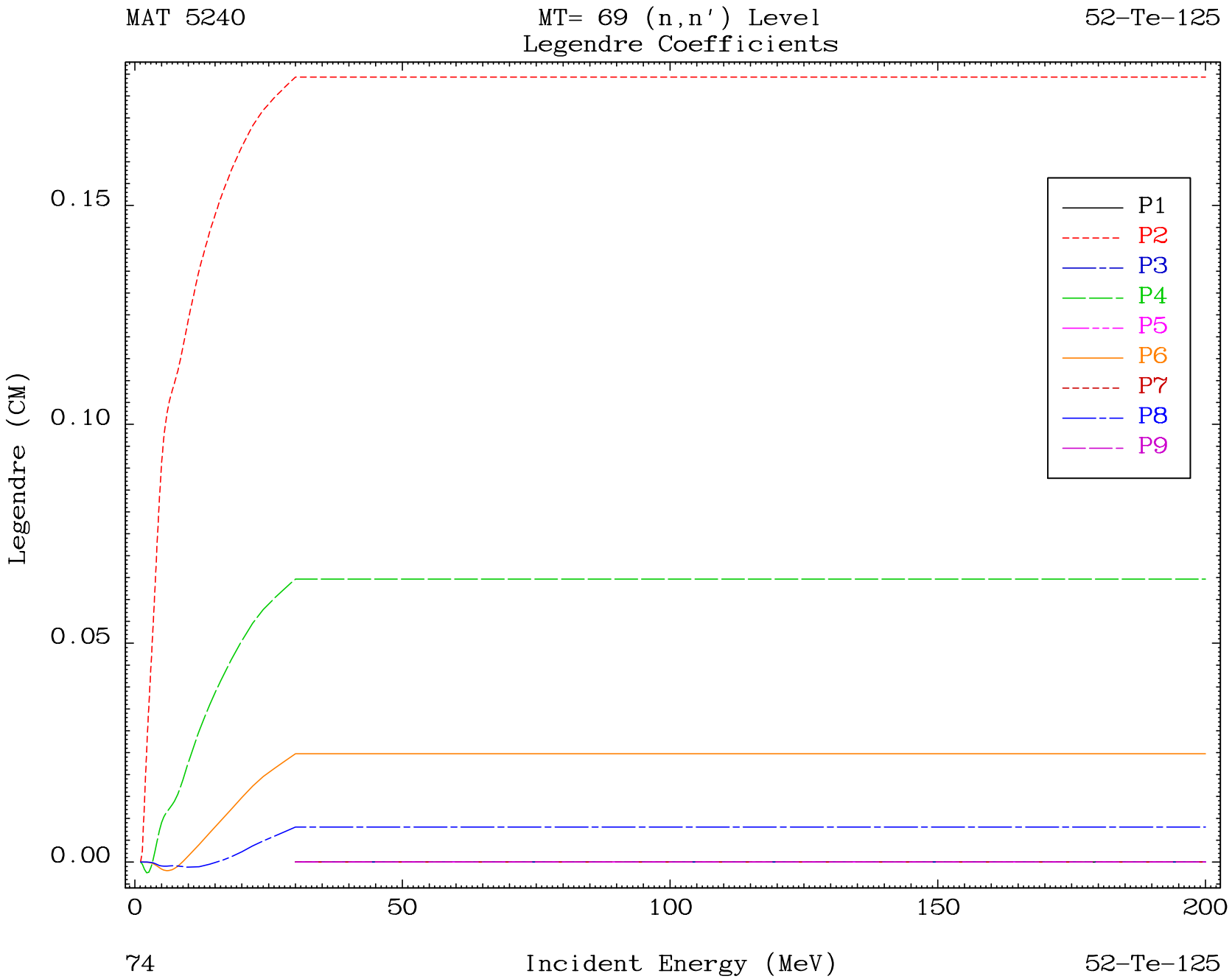

MAT 5240
MT= 67 (n,n') Level
Legendre Coefficients
52-Te-125
X10^-3
0.5
0.0
-0.5
-1.0
Legendre (CM)
0
50
100
150
200
Incident Energy (MeV)
69
52-Te-125
P10
P11
P12
P13
P14
P15
P16
P17
P18

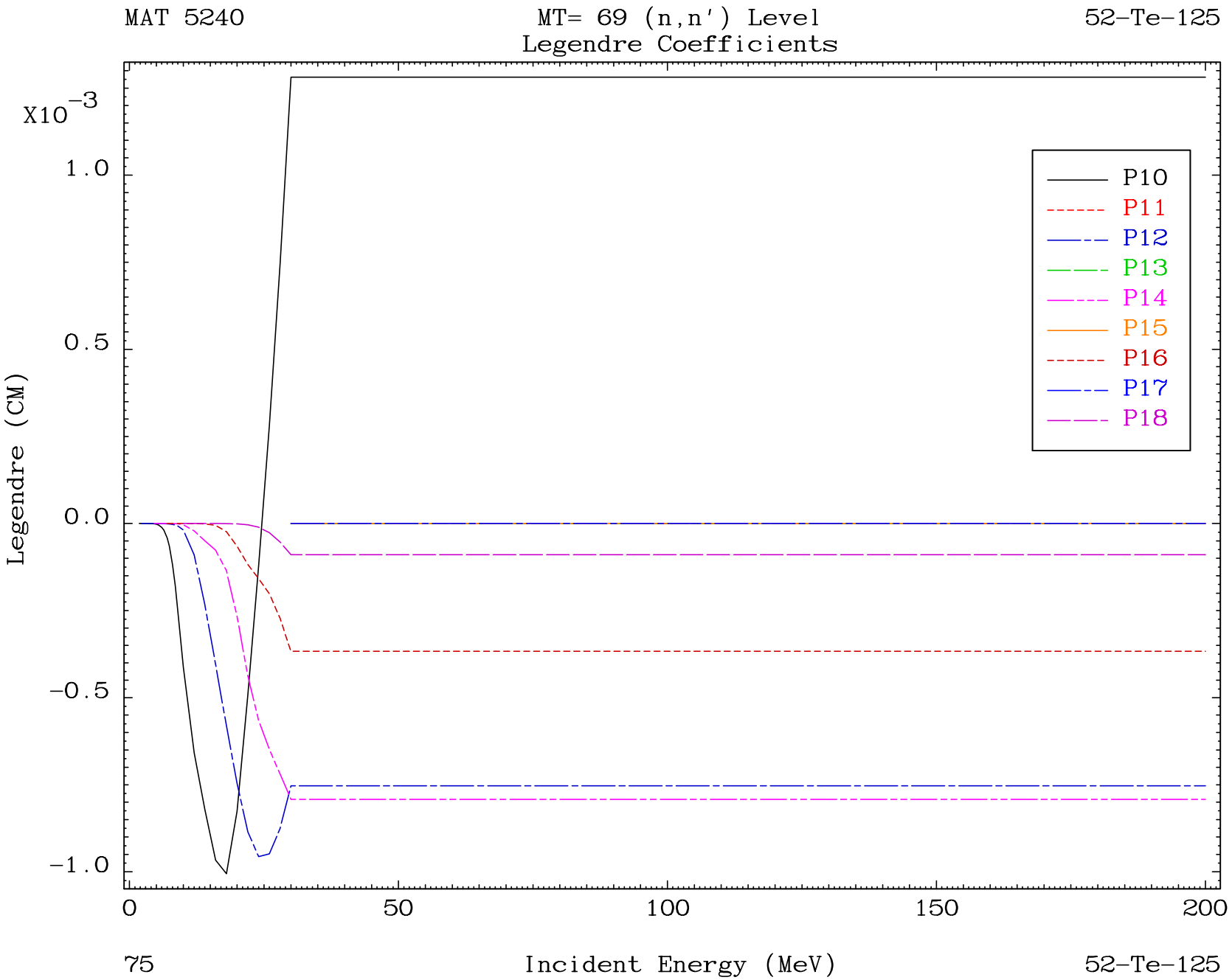

MAT 5240
MT= 67 (n,n') Level
Legendre Coefficients
52-Te-125
0
X10-7
-2
-4
-6
-8
Legendre (CM)
50
100
150
200
70
Incident Energy (MeV)
52-Te-125
P19
P20
P21
P22
P23
P24
P25
P26

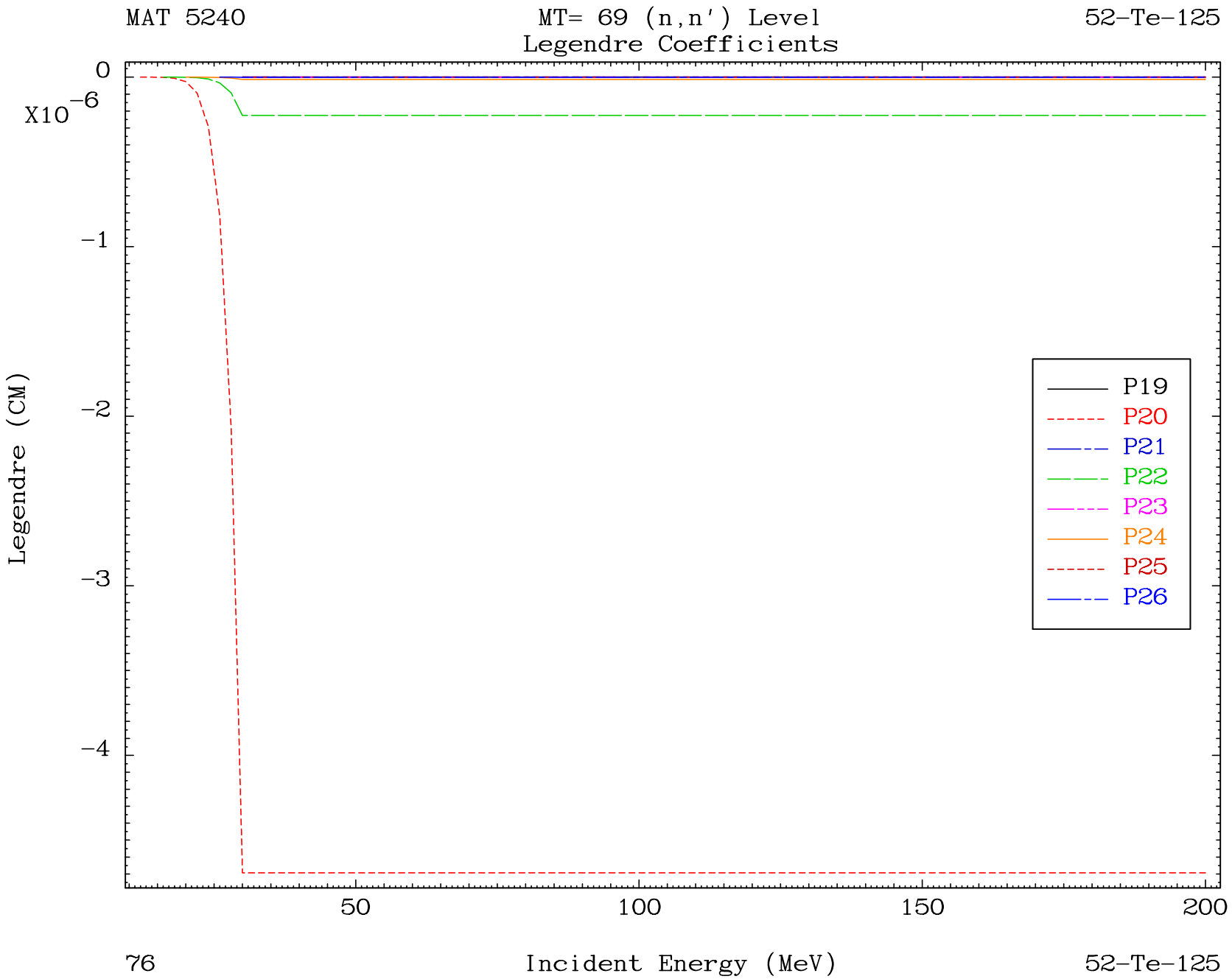

MAT 5240
MT= 68 (n,n') Level
Legendre Coefficients
52-Te-125
0.06
0.04
0.02
0.00
-0.02
-0.04
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
0
50
100
150
200
71
Incident Energy (MeV)
52-Te-125

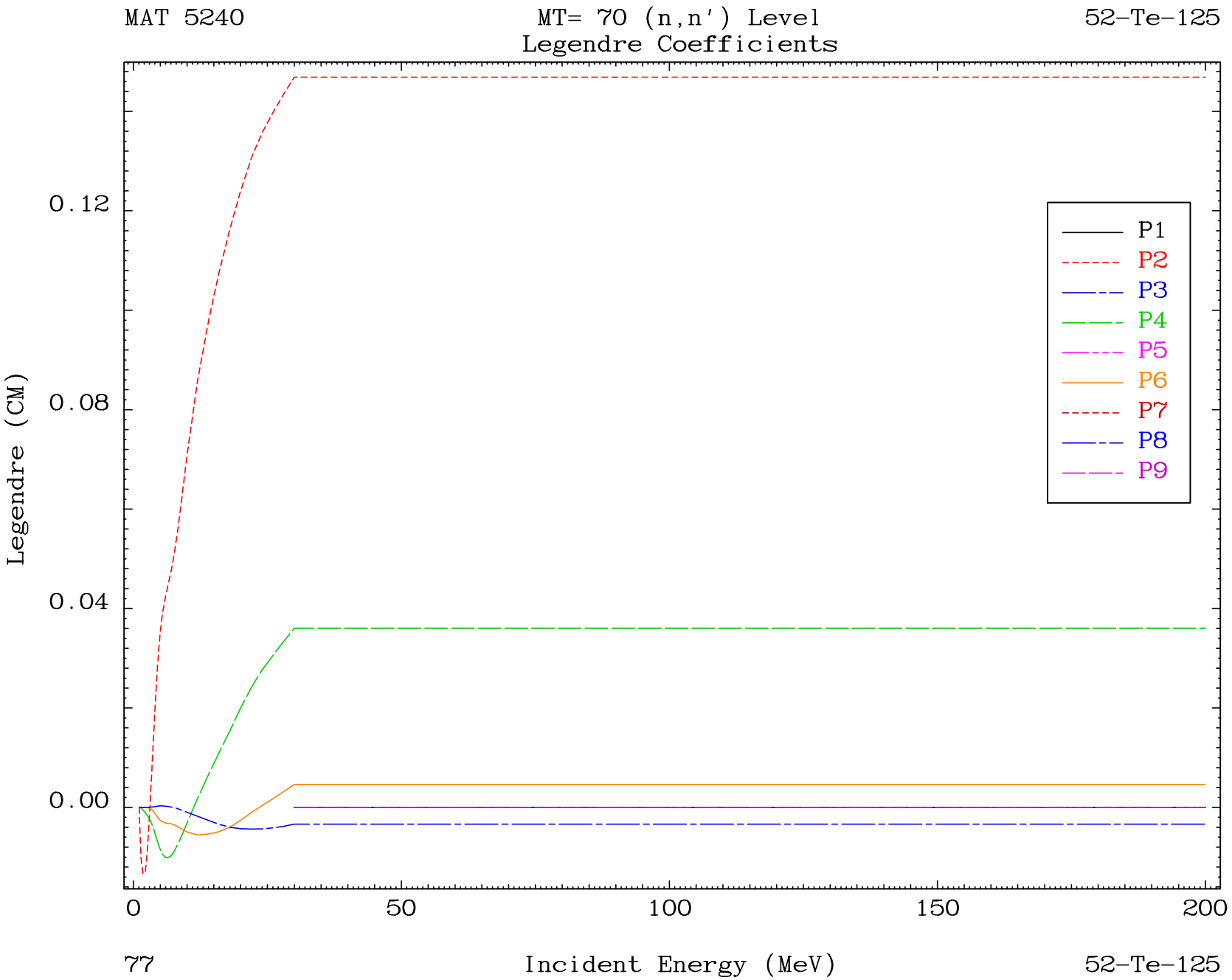

MAT 5240
MT= 68 (n,n') Level
Legendre Coefficients
52-Te-125
X10^-3
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Legendre (CM)
0
50
100
150
200
72
Incident Energy (MeV)
52-Te-125
P9
P10
P11
P12
P13
P14
P15
P16

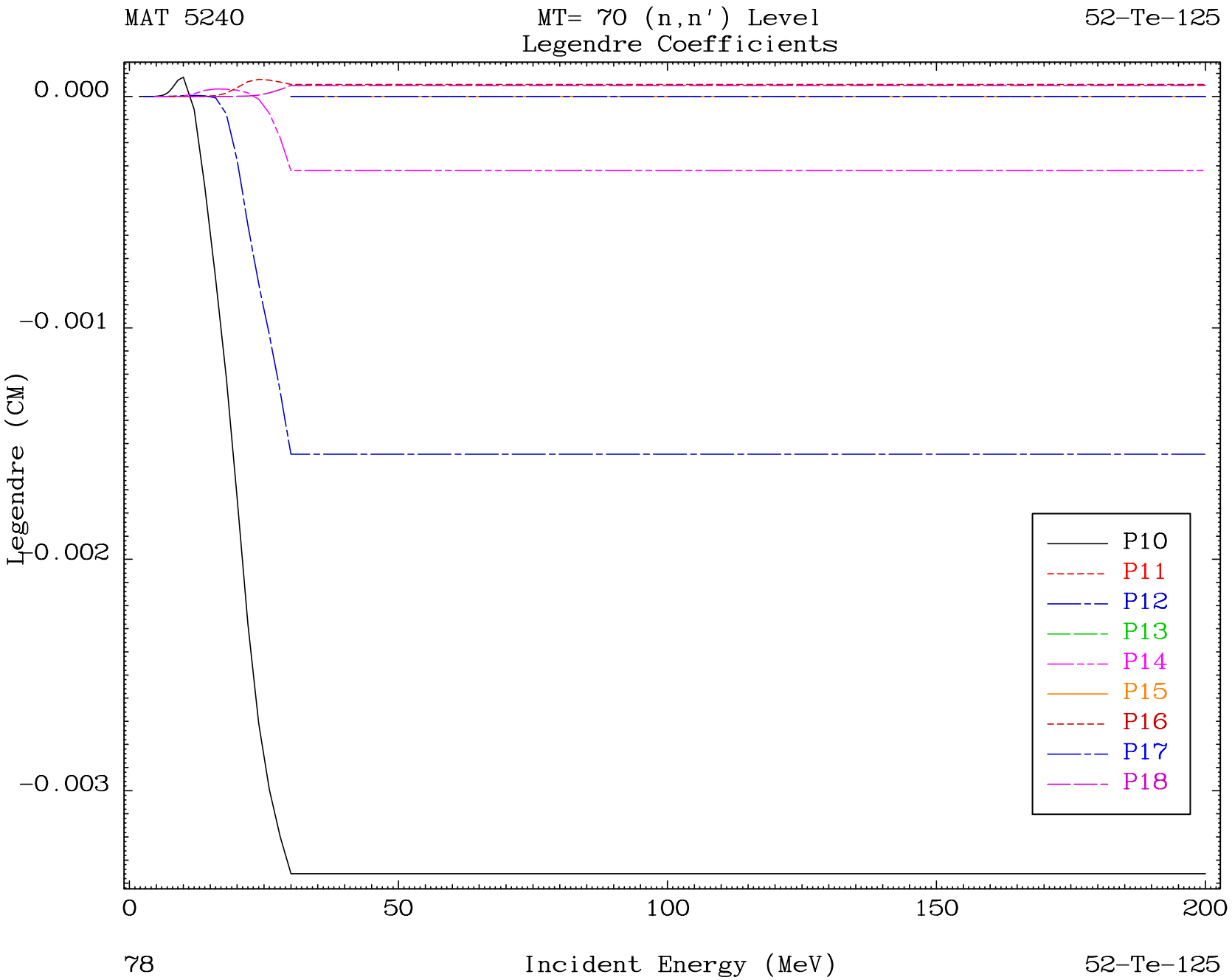

MAT 5240
MT= 68 (n,n') Level
Legendre Coefficients
52-Te-125
0
X10 −6
−1
−2
−3
−4
Legendre (CM)
P17
P18
P19
P20
P21
P22
P23
P24
50
100
150
200
73
Incident Energy (MeV)
52-Te-125

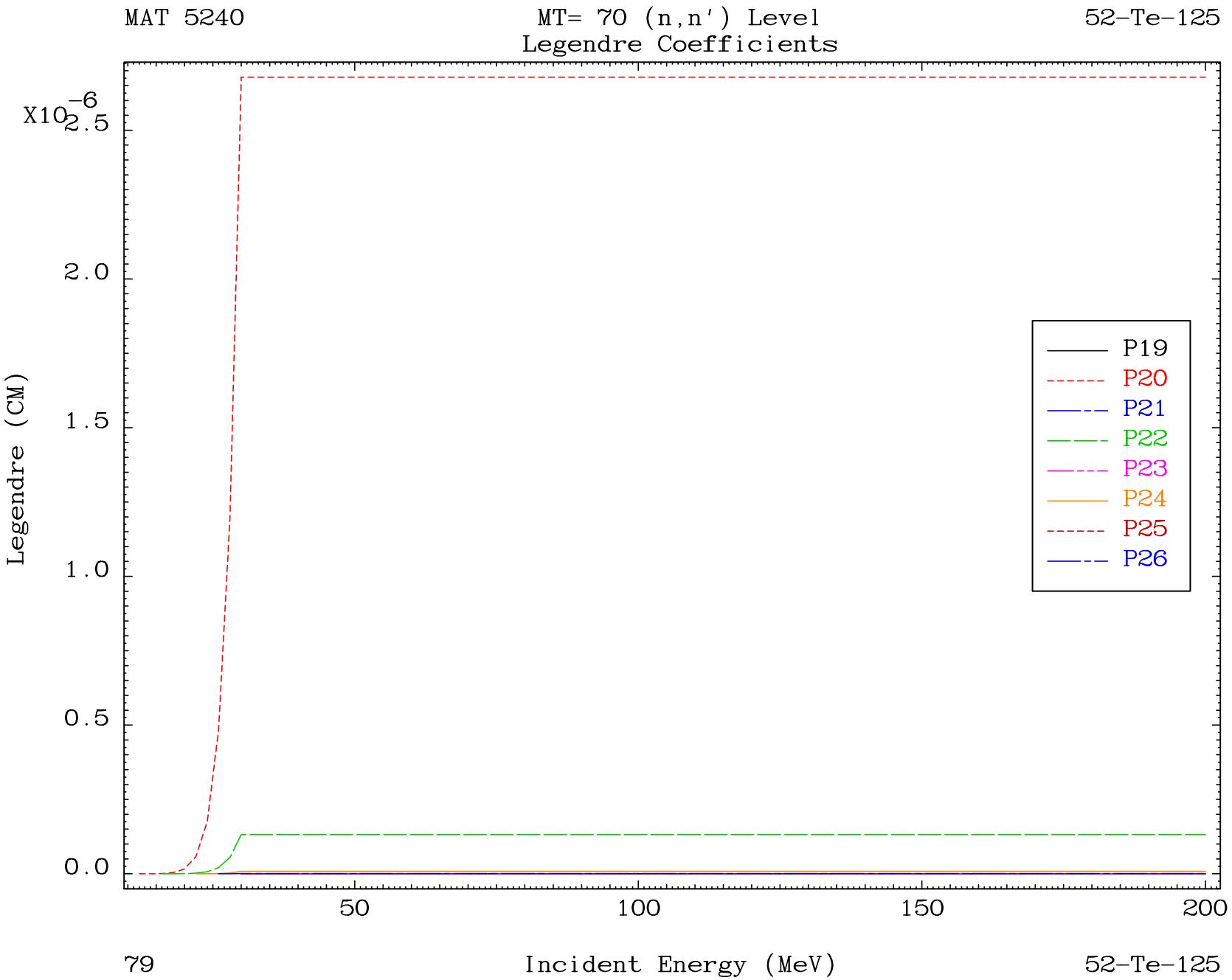

MAT 5240
MT= 69 (n,n') Level
Legendre Coefficients
52-Te-125
Legendre (CM)
0.15
0.10
0.05
0.00
0
50
100
150
200
74
Incident Energy (MeV)
52-Te-125
P1
P2
P3
P4
P5
P6
P7
P8
P9

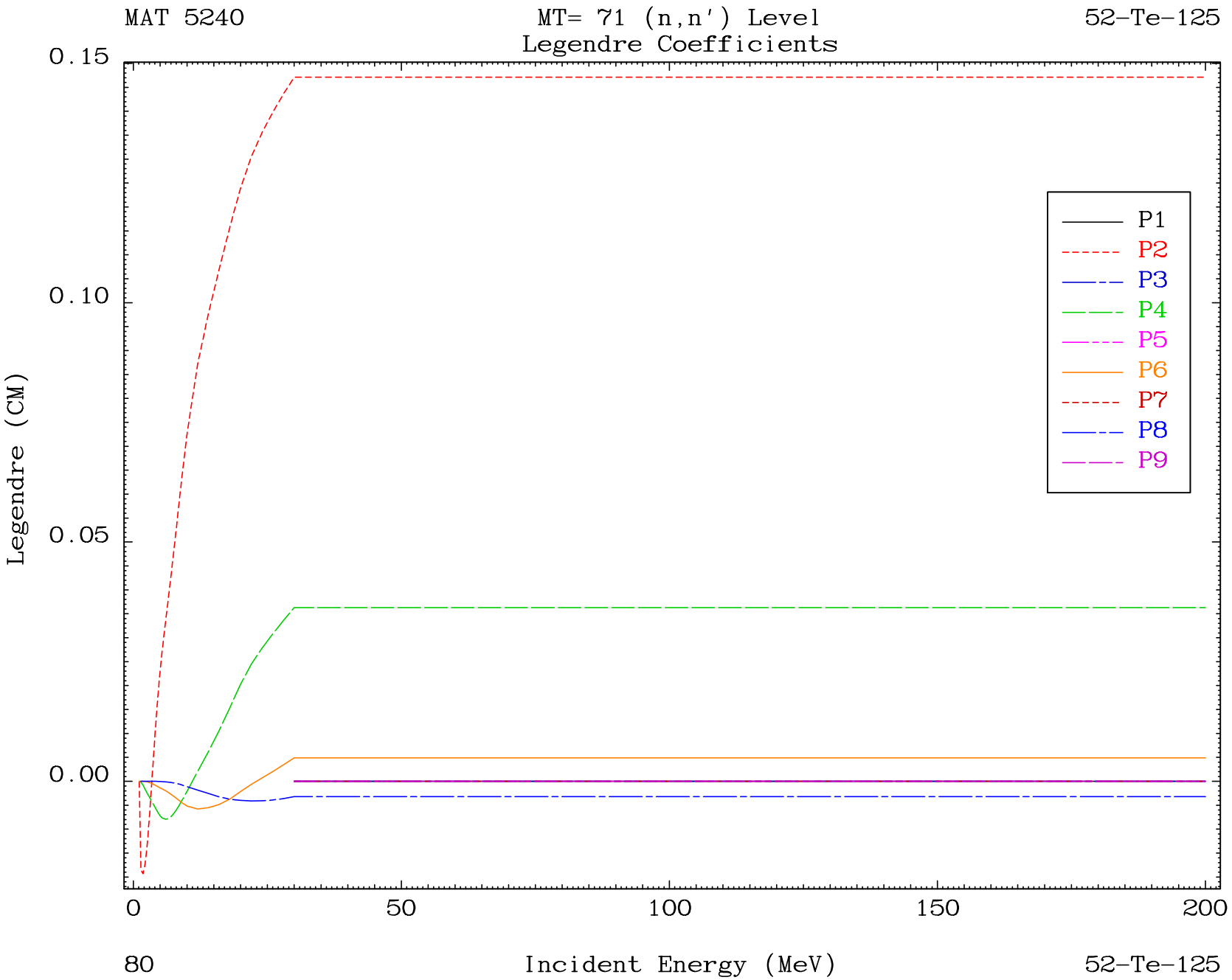

MAT 5240
MT= 69 (n,n') Level
Legendre Coefficients
52-Te-125
X10^-3
1.0
0.5
0.0
-0.5
-1.0
Legendre (CM)
P10
P11
P12
P13
P14
P15
P16
P17
P18
0
50
100
150
200
75
Incident Energy (MeV)
52-Te-125

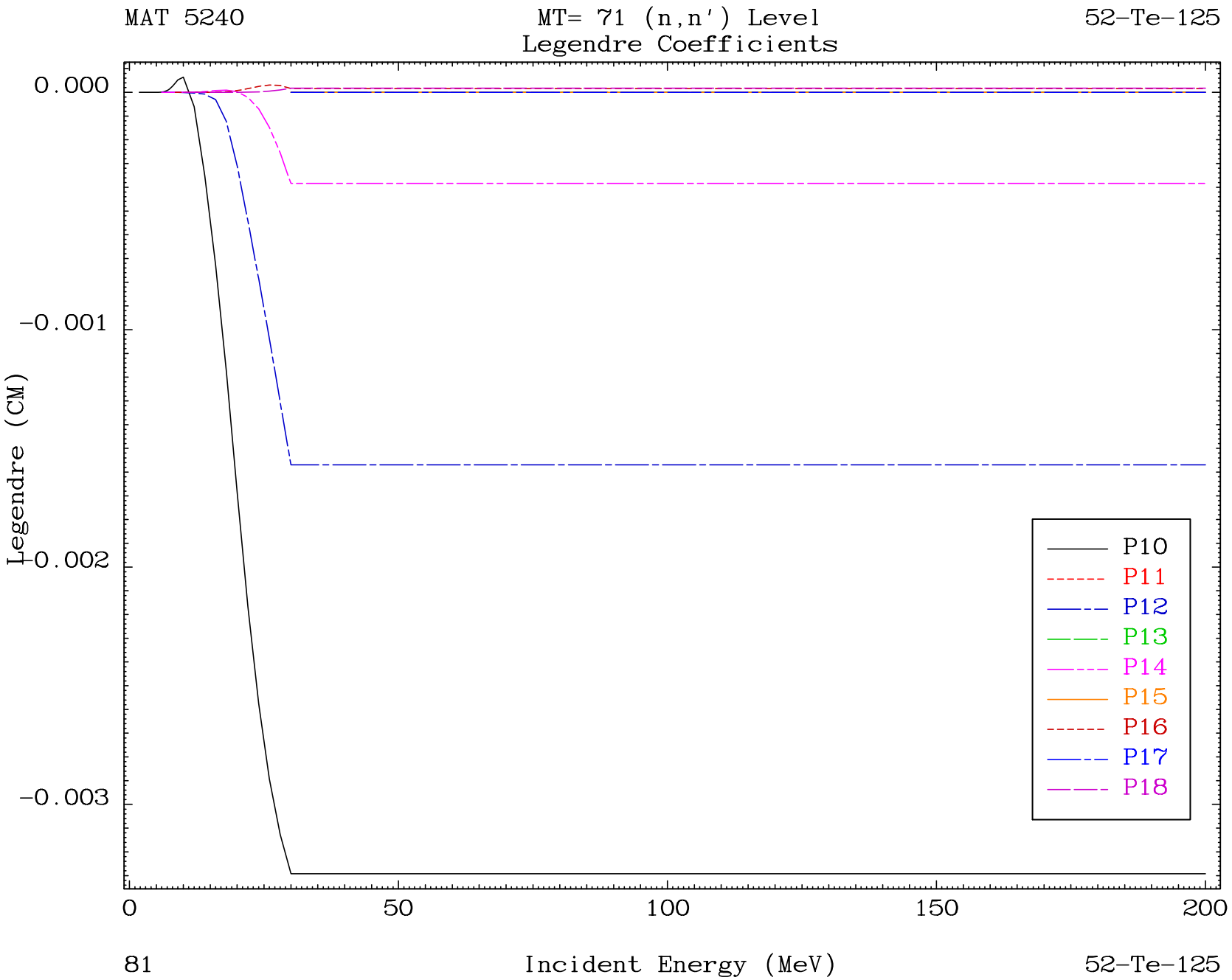

MAT 5240
MT= 69 (n,n') Level
Legendre Coefficients
52-Te-125
0
X10^-6
-1
-2
-3
-4
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
50
100
150
200
76
Incident Energy (MeV)
52-Te-125

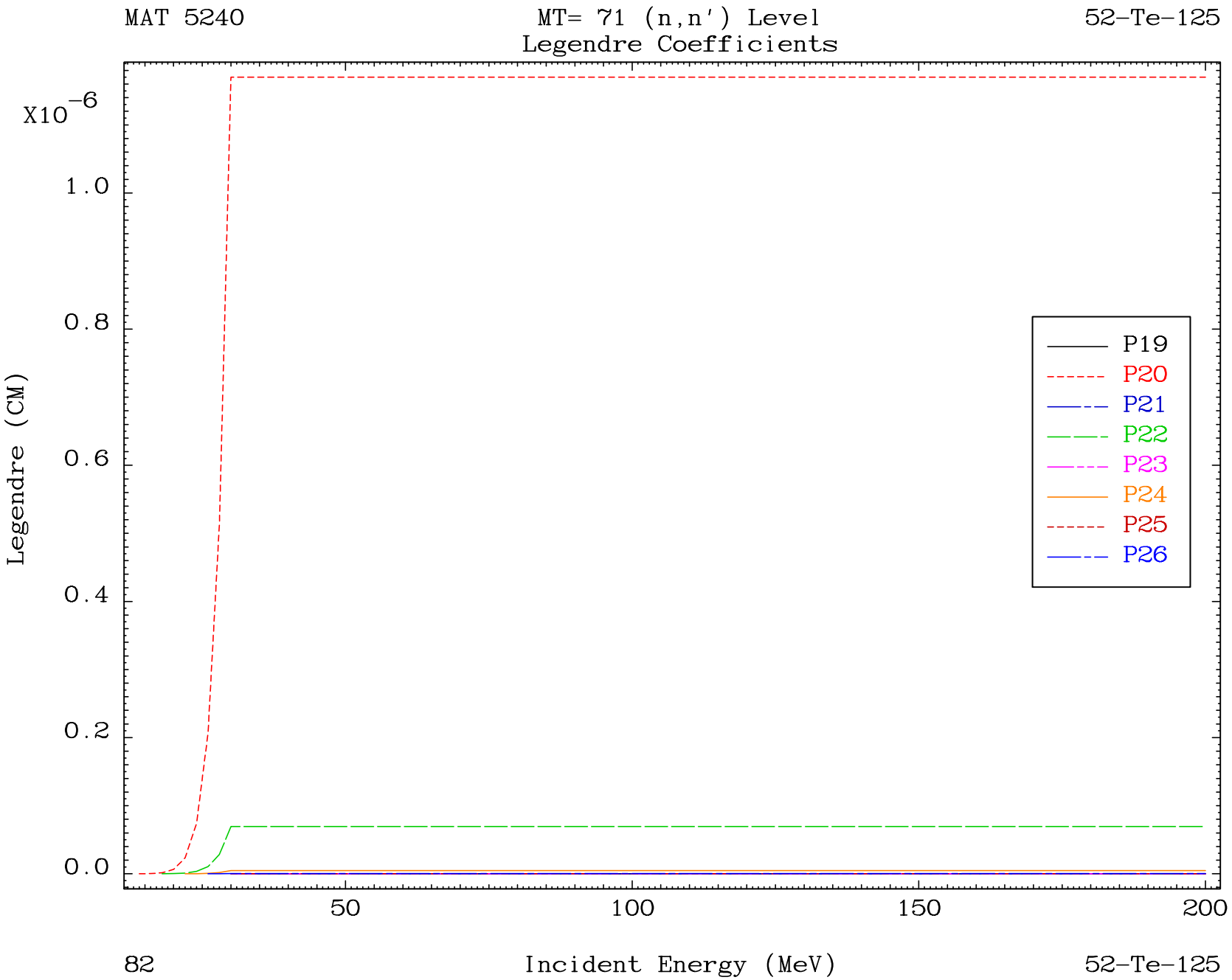

MAT 5240
MT= 70 (n,n') Level
Legendre Coefficients
52-Te-125
0.12
0.08
0.04
0.00
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
0
50
100
150
200
77
Incident Energy (MeV)
52-Te-125

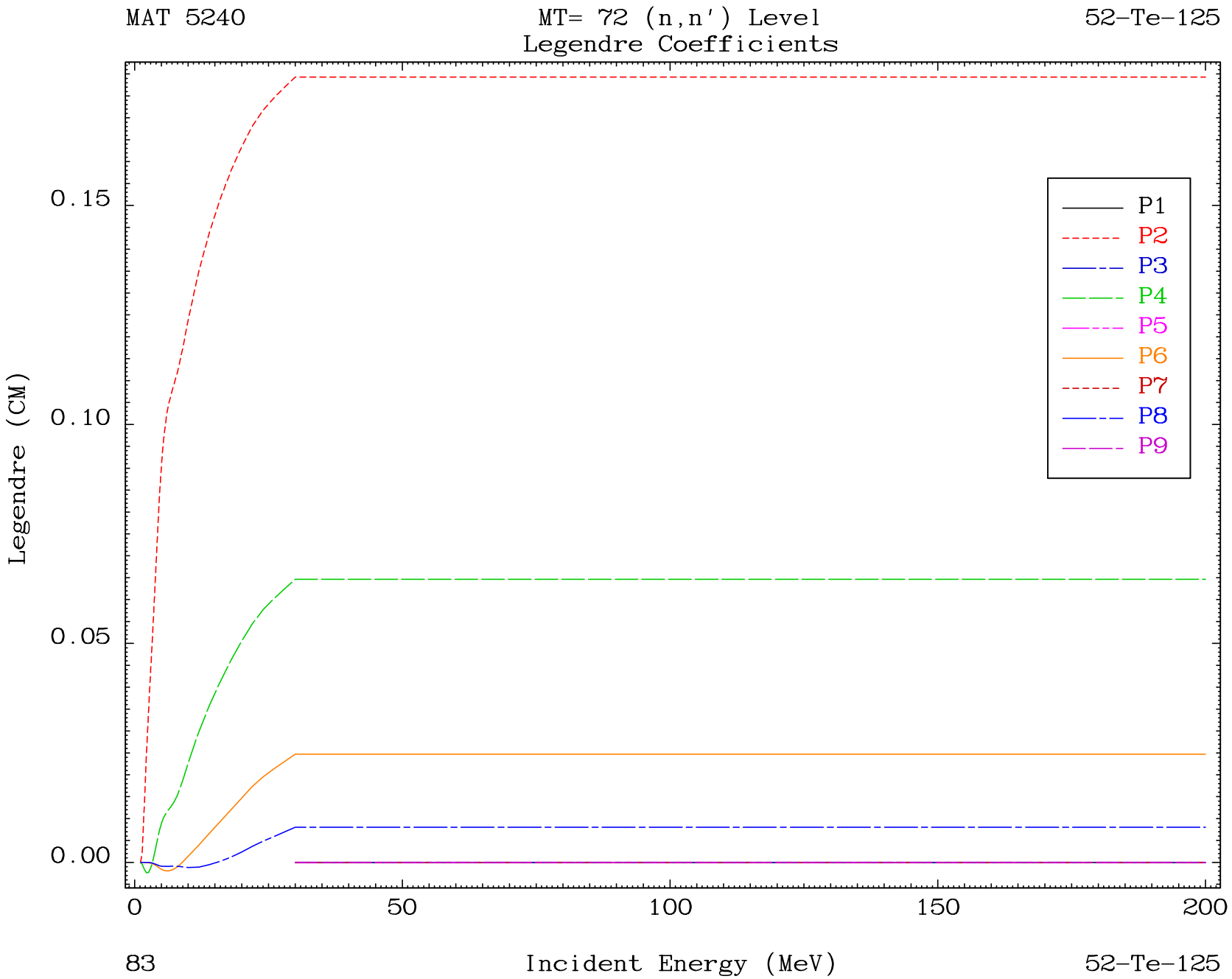

MAT 5240
MT= 70 (n,n') Level
Legendre Coefficients
52-Te-125
0.000
-0.001
-0.002
-0.003
Legendre (CM)
0
50
100
150
200
78
Incident Energy (MeV)
52-Te-125
P10
P11
P12
P13
P14
P15
P16
P17
P18

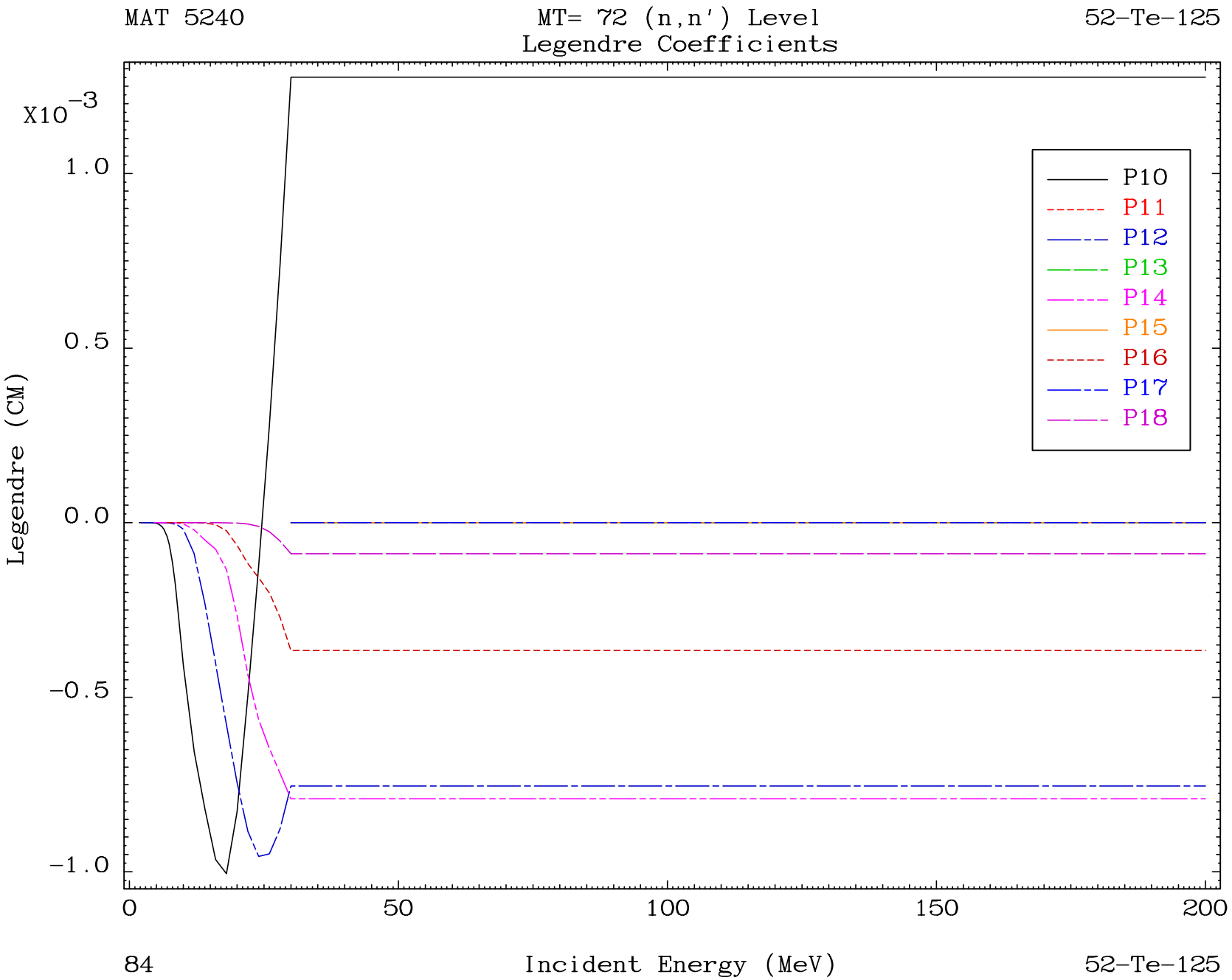

MAT 5240
MT= 70 (n,n') Level
Legendre Coefficients
52-Te-125
X10 -6
2.5
2.0
1.5
1.0
0.5
0.0
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
50
100
150
200
79
Incident Energy (MeV)
52-Te-125

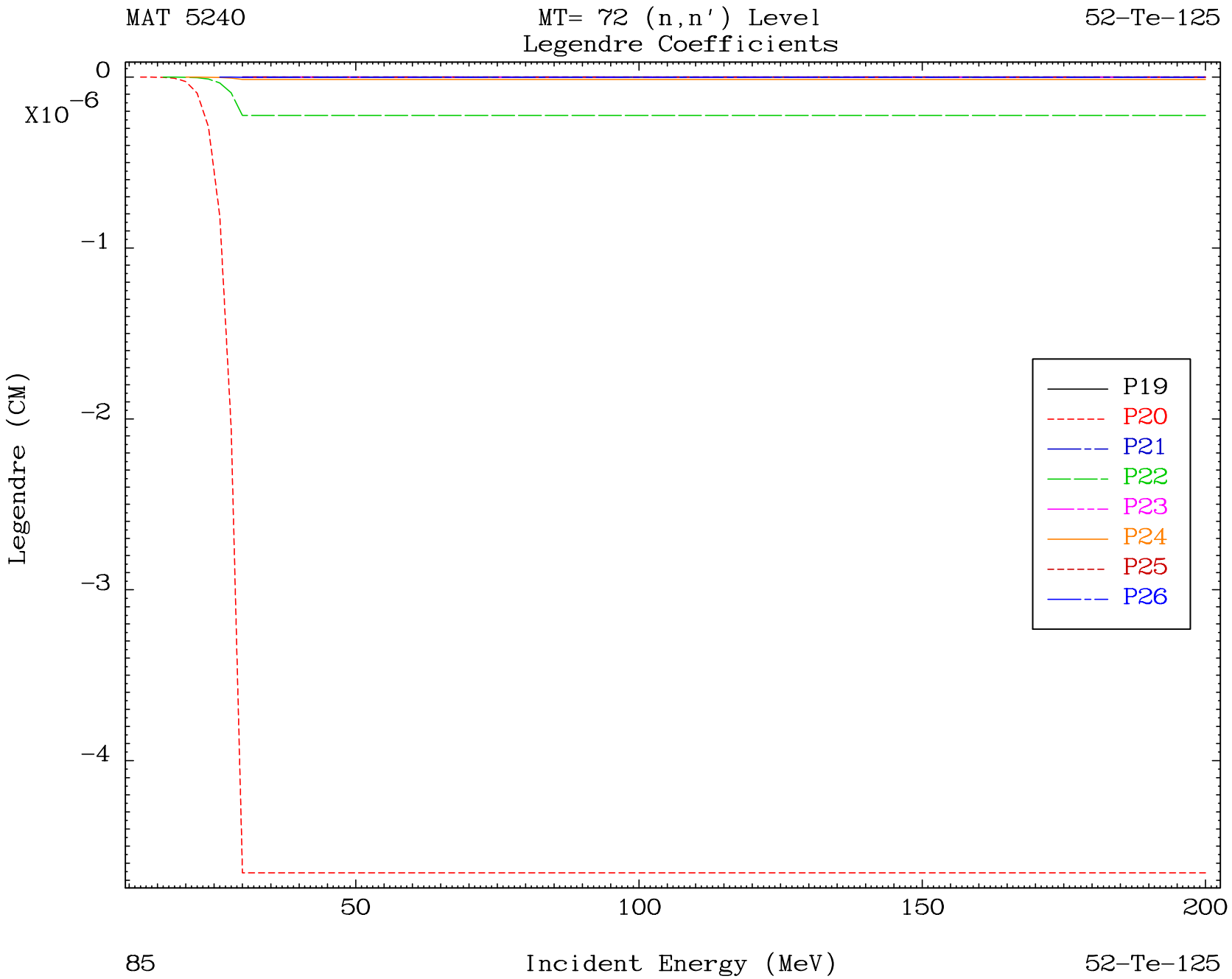

MAT 5240
MT= 71 (n,n') Level
Legendre Coefficients
52-Te-125
0.15
0.10
0.05
0.00
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
0
50
100
150
200
80
Incident Energy (MeV)
52-Te-125

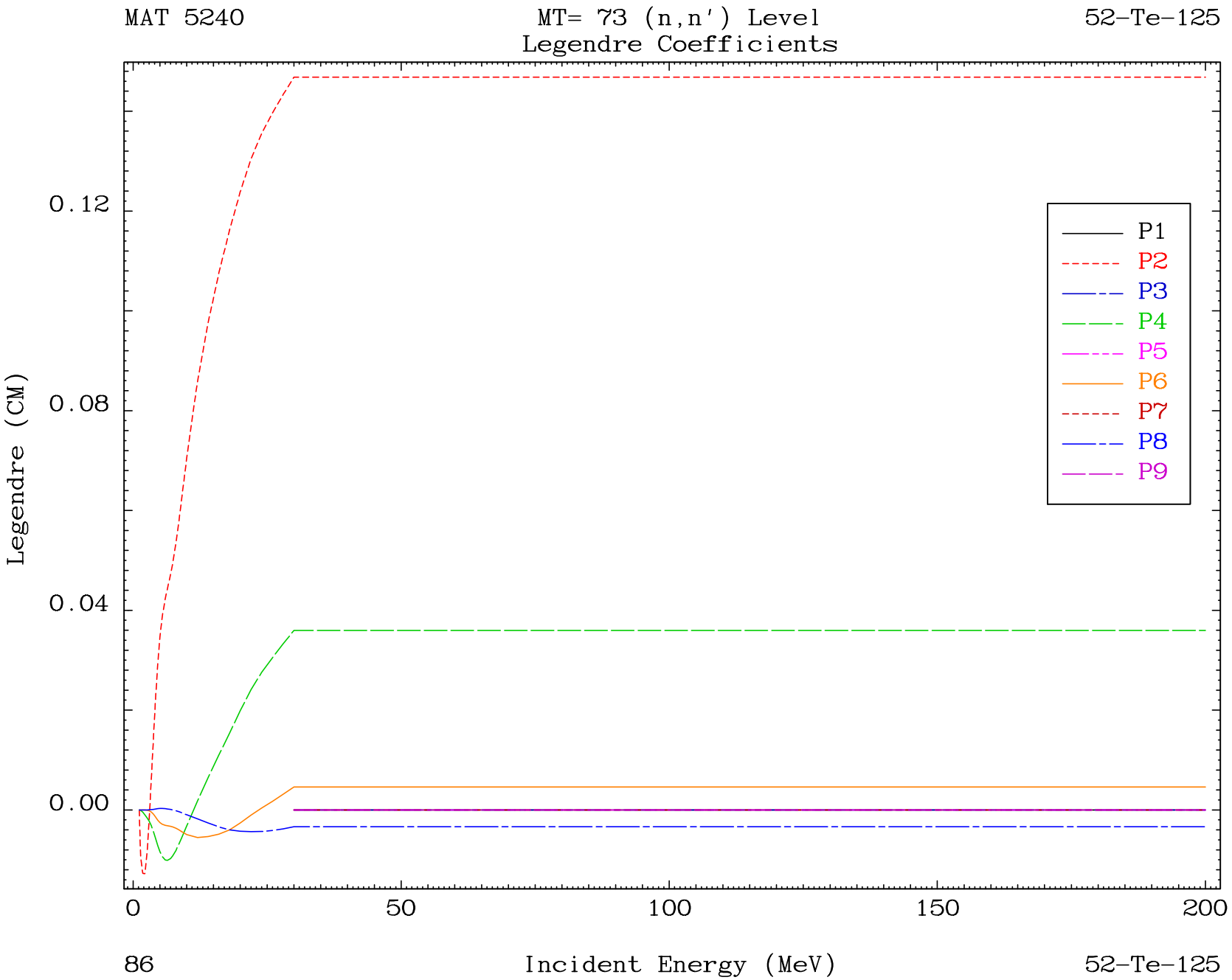

MAT 5240
MT= 71 (n,n') Level
Legendre Coefficients
52-Te-125
0.000
-0.001
-0.002
-0.003
Legendre (CM)
0
50
100
150
200
81
Incident Energy (MeV)
52-Te-125
P10
P11
P12
P13
P14
P15
P16
P17
P18

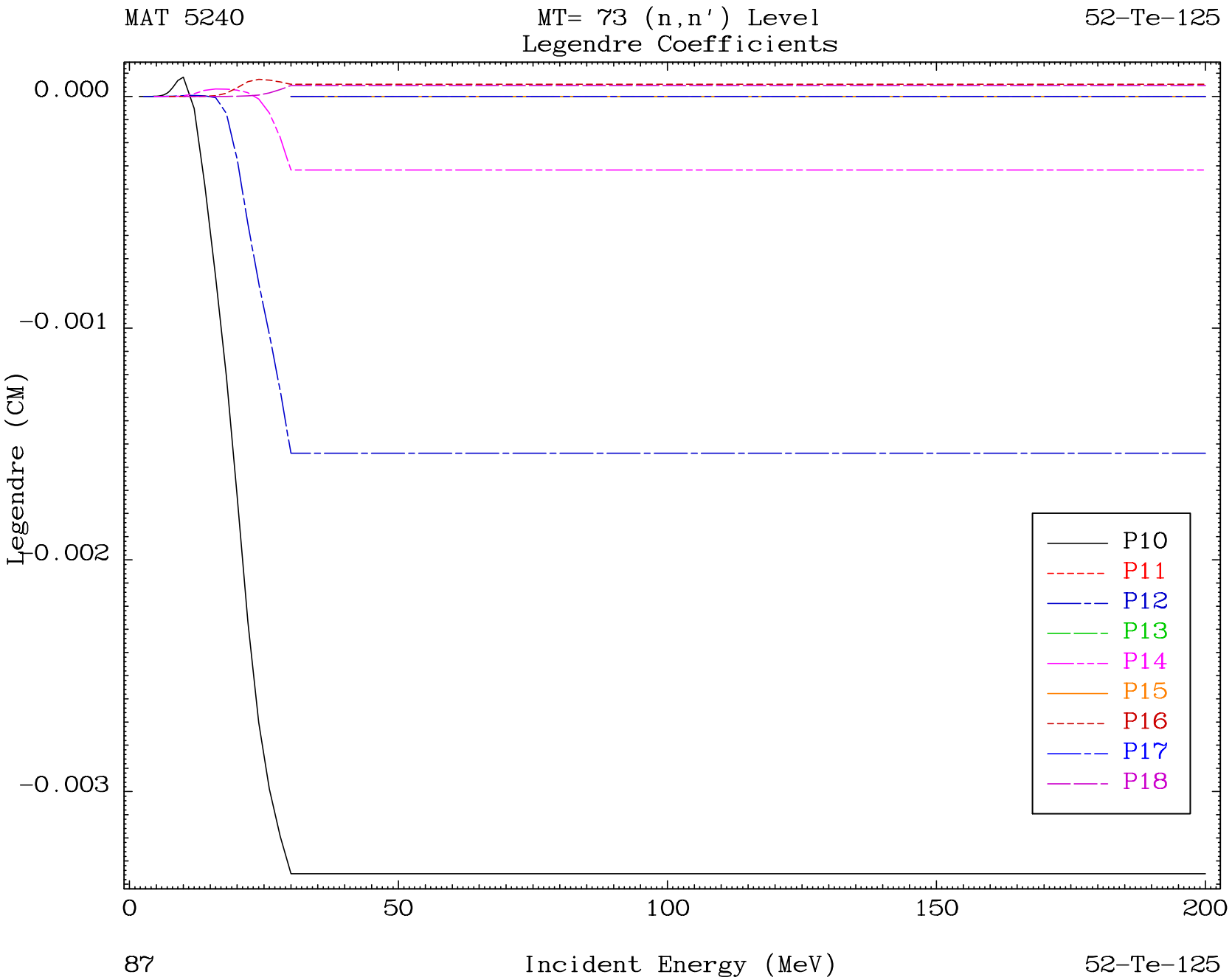

MAT 5240
MT= 71 (n,n') Level
Legendre Coefficients
52-Te-125
X10^-6
1.0
0.8
0.6
0.4
0.2
0.0
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
50
100
150
200
82
Incident Energy (MeV)
52-Te-125

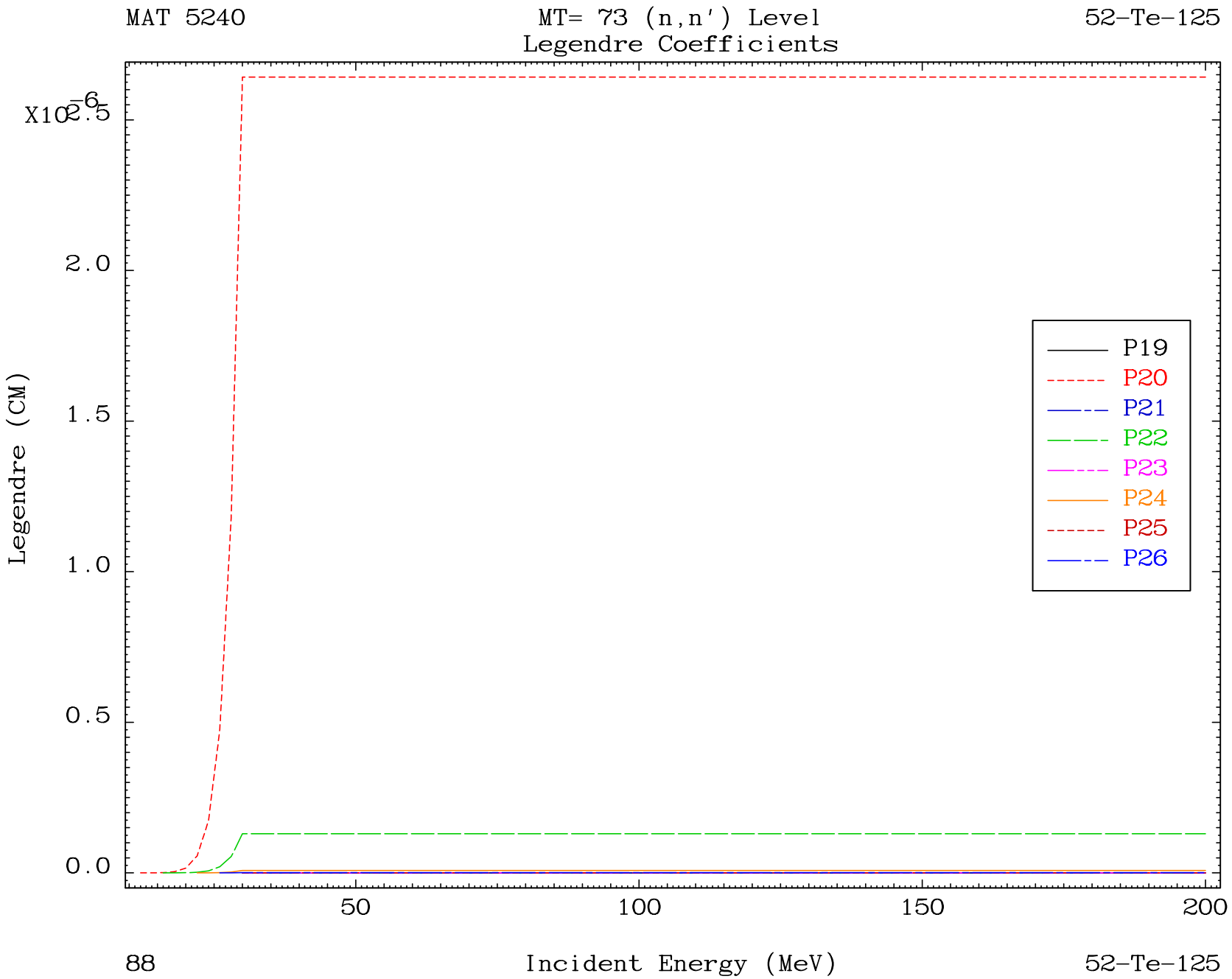

MAT 5240
MT= 72 (n,n') Level
Legendre Coefficients
52-Te-125
Legendre (CM)
0.15
0.10
0.05
0.00
0
50
100
150
200
P1
P2
P3
P4
P5
P6
P7
P8
P9
83
Incident Energy (MeV)
52-Te-125

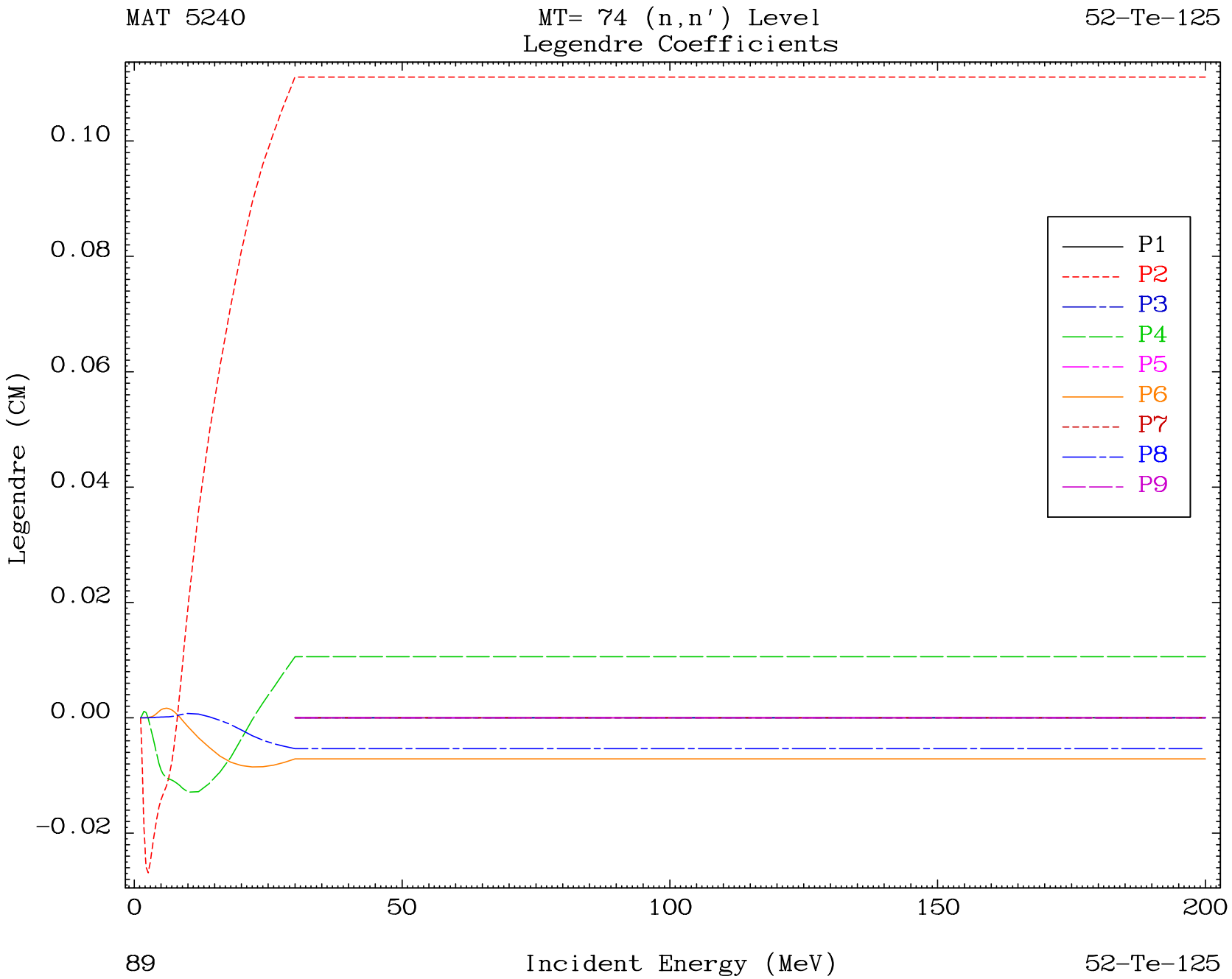

MAT 5240
MT= 72 (n,n') Level
Legendre Coefficients
52-Te-125
X10^-3
1.0
0.5
0.0
-0.5
-1.0
Legendre (CM)
P10
P11
P12
P13
P14
P15
P16
P17
P18
0
50
100
150
200
84
Incident Energy (MeV)
52-Te-125

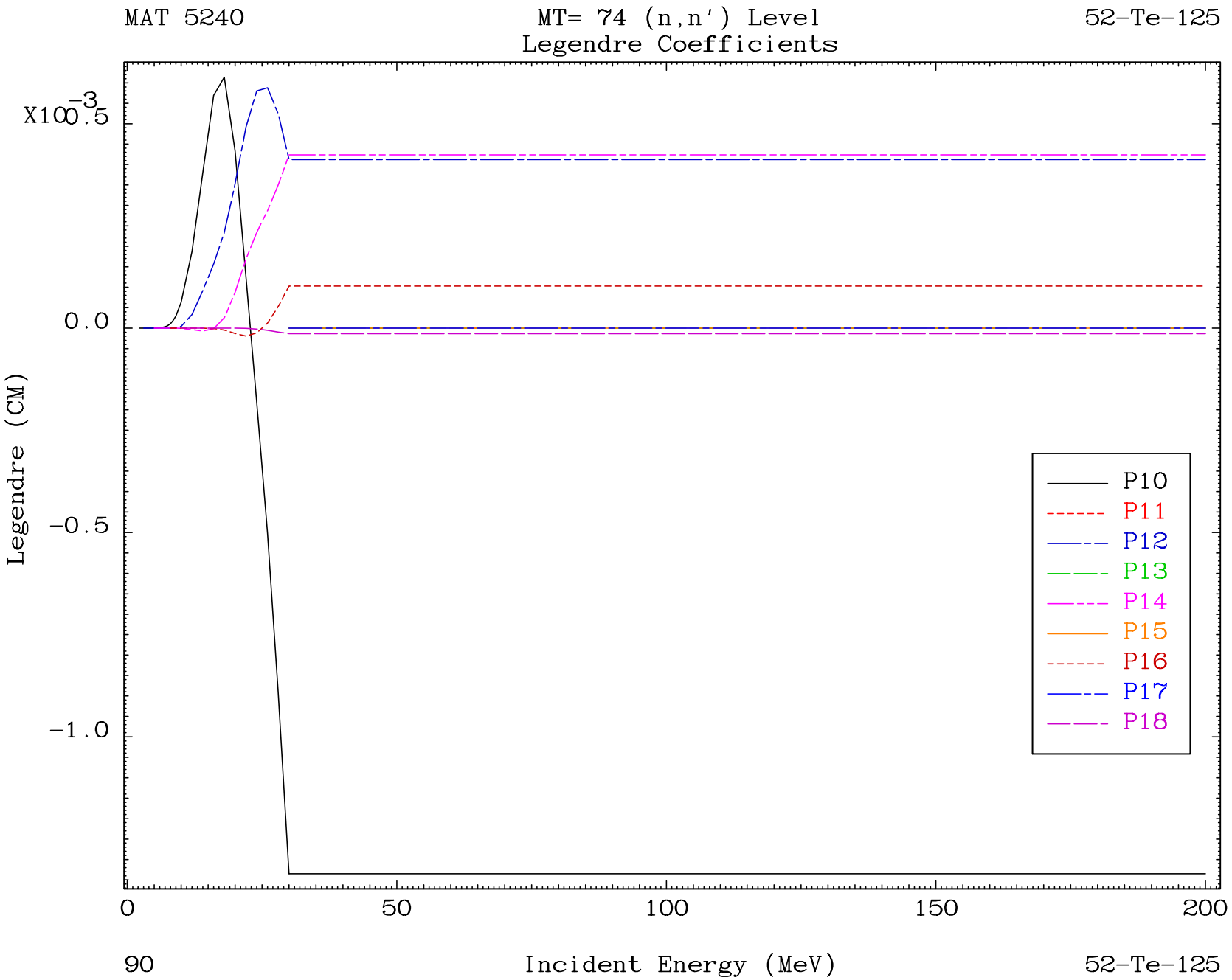

MAT 5240
MT= 72 (n,n') Level
Legendre Coefficients
52-Te-125
0
X10^-6
-1
-2
-3
-4
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
50
100
150
200
85
Incident Energy (MeV)
52-Te-125

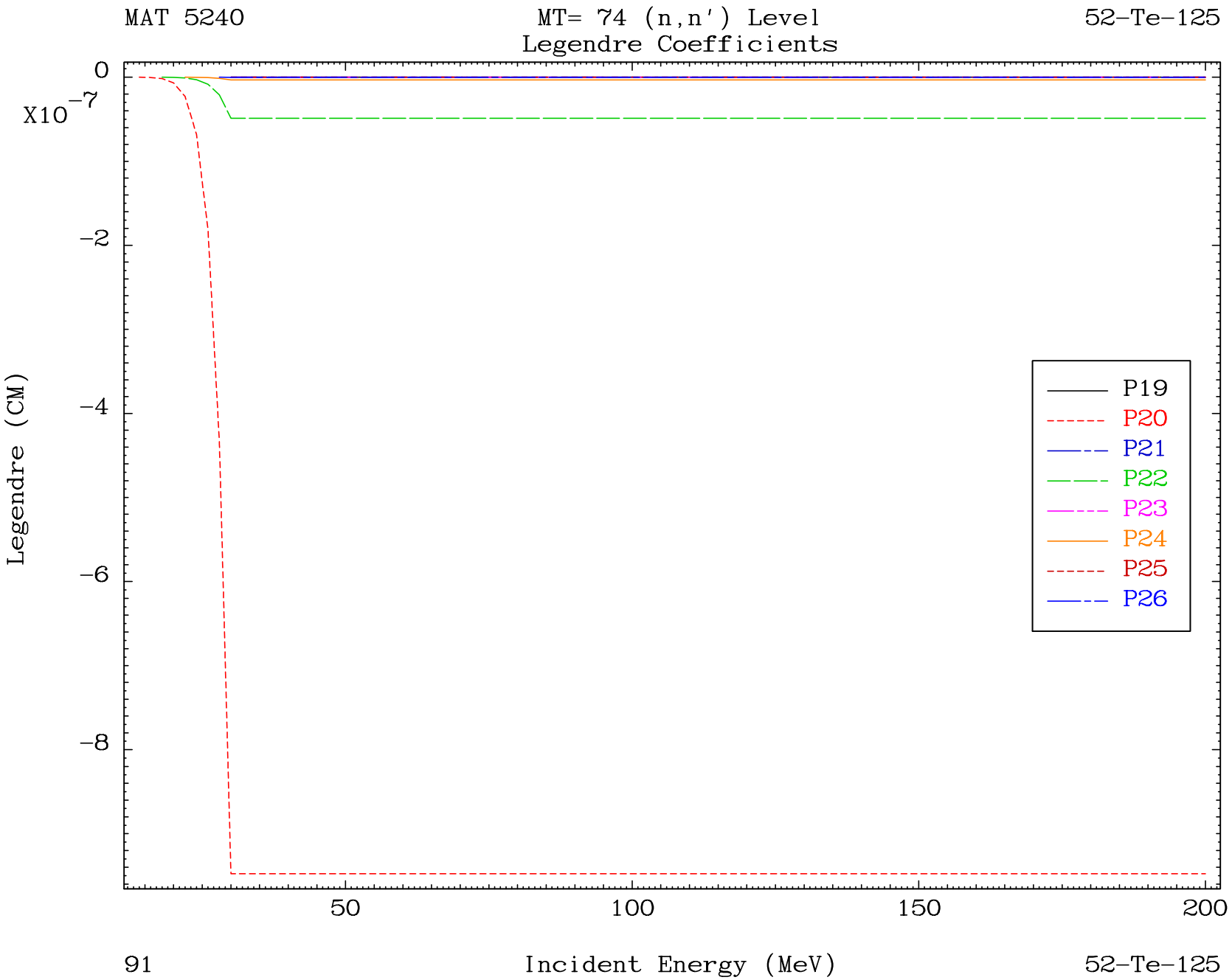

MAT 5240
MT= 73 (n,n') Level
Legendre Coefficients
52-Te-125
0.12
0.08
0.04
0.00
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
0
50
100
150
200
86
Incident Energy (MeV)
52-Te-125

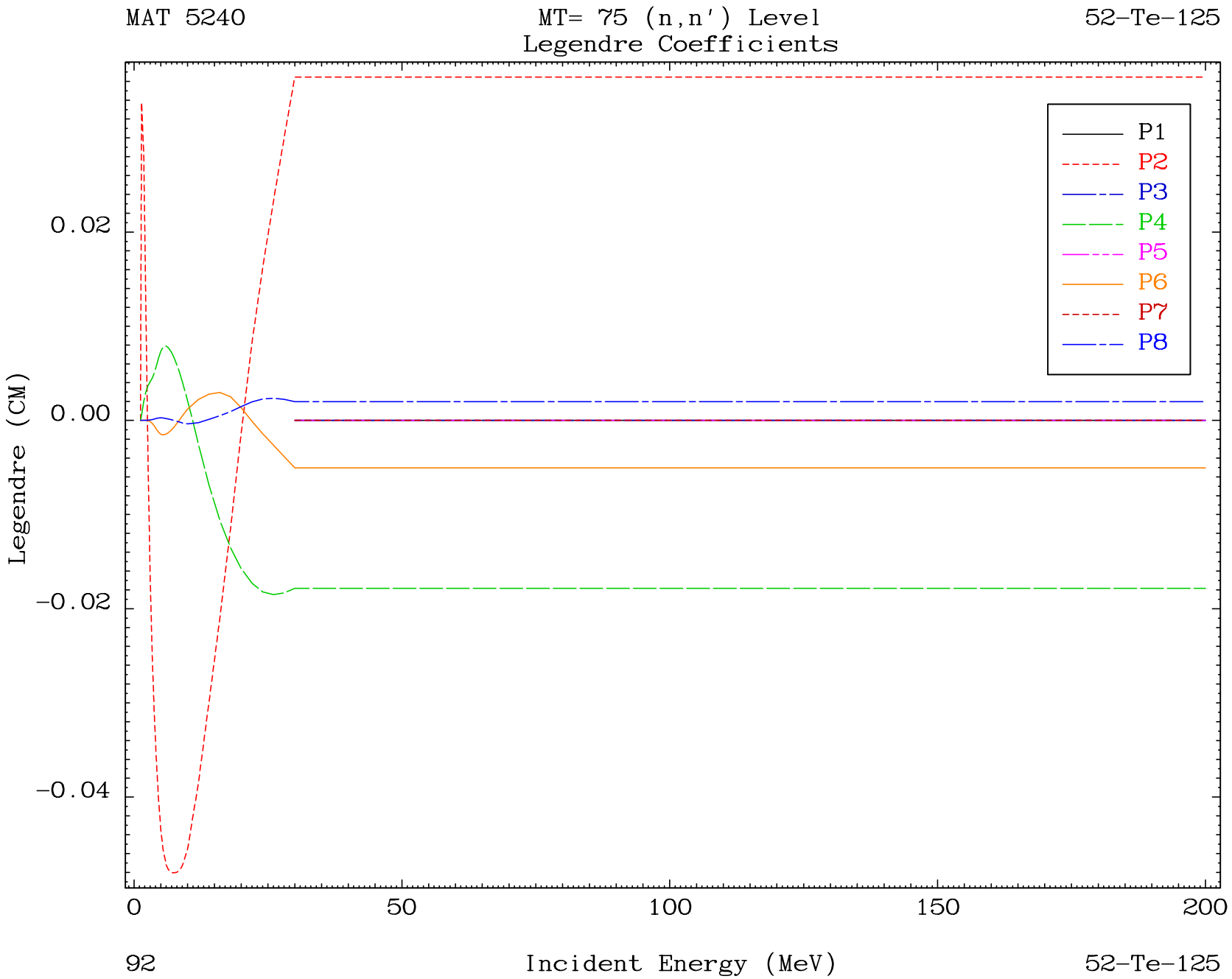

MAT 5240
MT= 73 (n,n') Level
Legendre Coefficients
52-Te-125
0.000
-0.001
-0.002
-0.003
Legendre (CM)
0
50
100
150
200
87
Incident Energy (MeV)
52-Te-125
P10
P11
P12
P13
P14
P15
P16
P17
P18

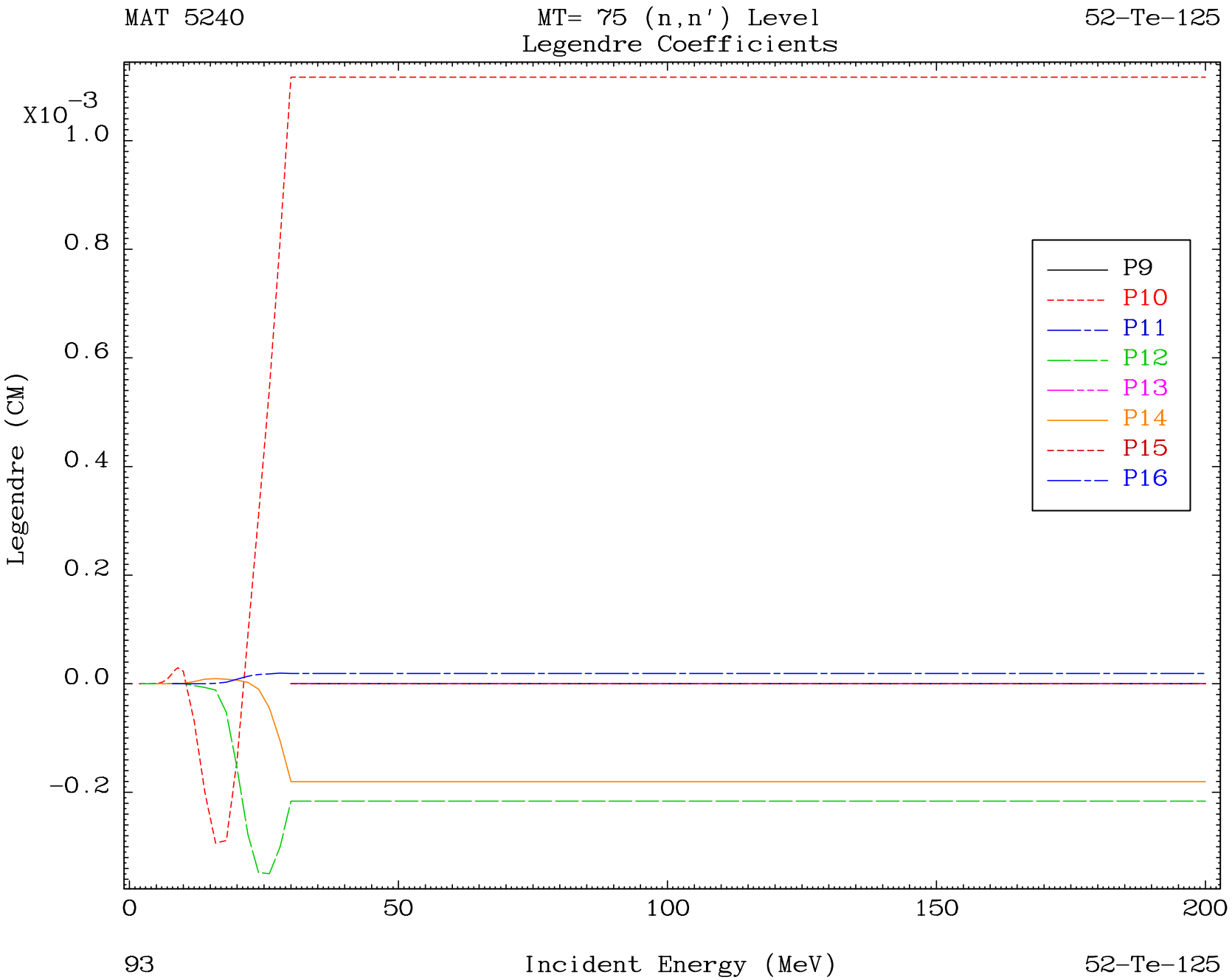

MAT 5240
MT= 73 (n,n') Level
Legendre Coefficients
52-Te-125
X10-6
2.5
2.0
1.5
1.0
0.5
0.0
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
50
100
150
200
88
Incident Energy (MeV)
52-Te-125

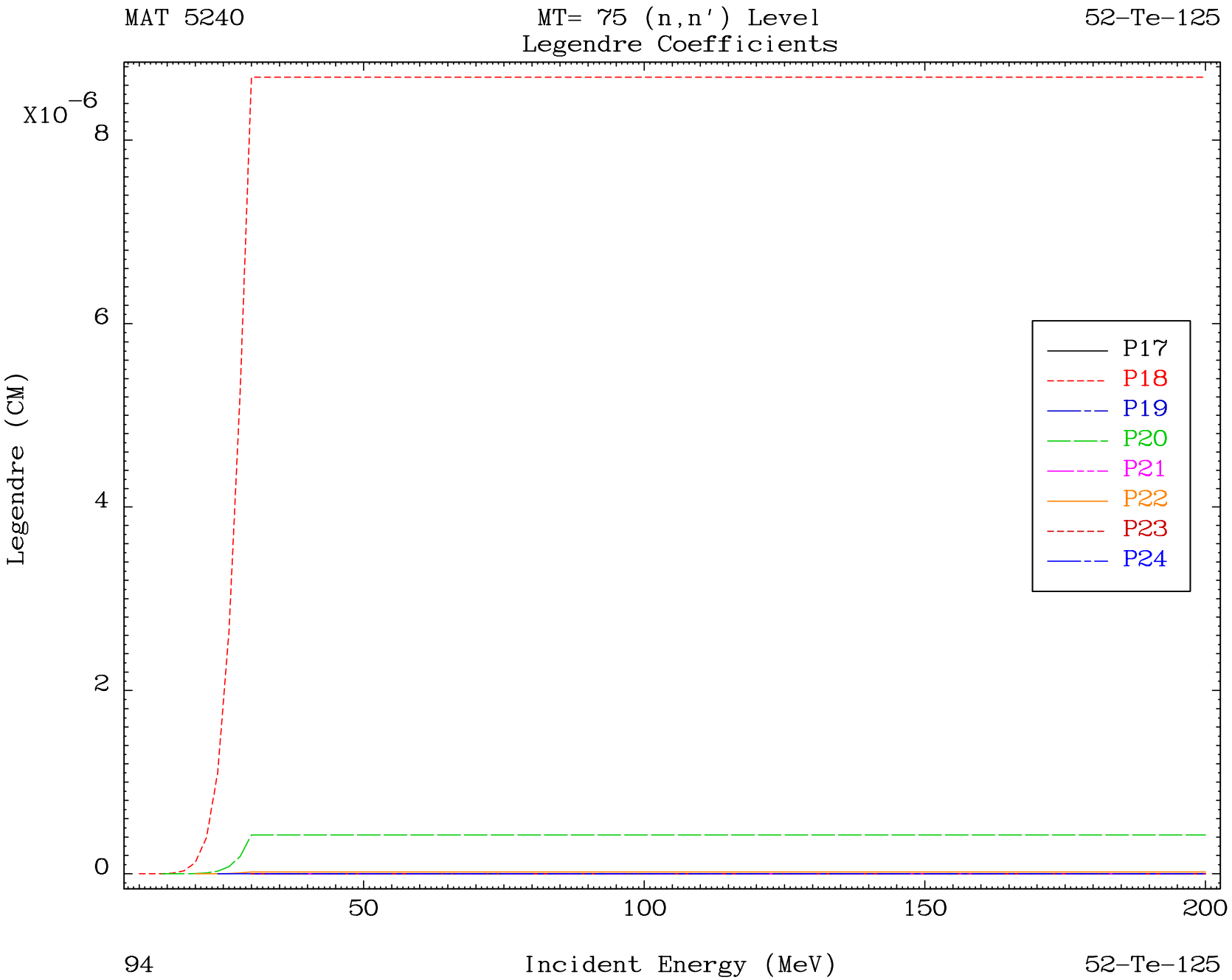

MAT 5240
MT= 74 (n,n') Level
Legendre Coefficients
52-Te-125
0.10
0.08
0.06
0.04
0.02
0.00
-0.02
Legendre (CM)
0
50
100
150
200
Incident Energy (MeV)
89
52-Te-125
P1
P2
P3
P4
P5
P6
P7
P8
P9

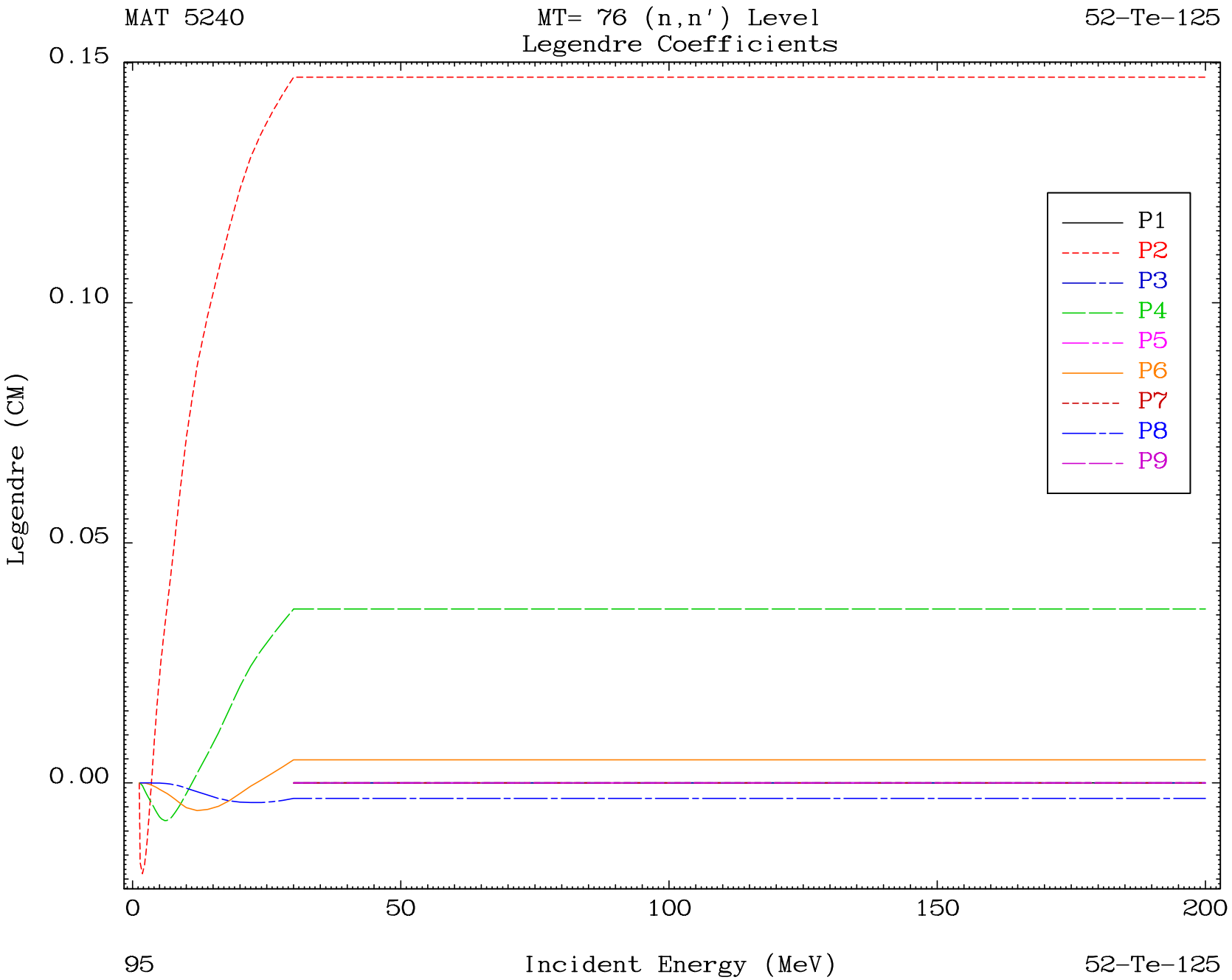

MAT 5240
MT= 74 (n,n') Level
Legendre Coefficients
52-Te-125
X10^-3
0.5
0.0
-0.5
-1.0
Legendre (CM)
0
50
100
150
200
90
Incident Energy (MeV)
52-Te-125
P10
P11
P12
P13
P14
P15
P16
P17
P18

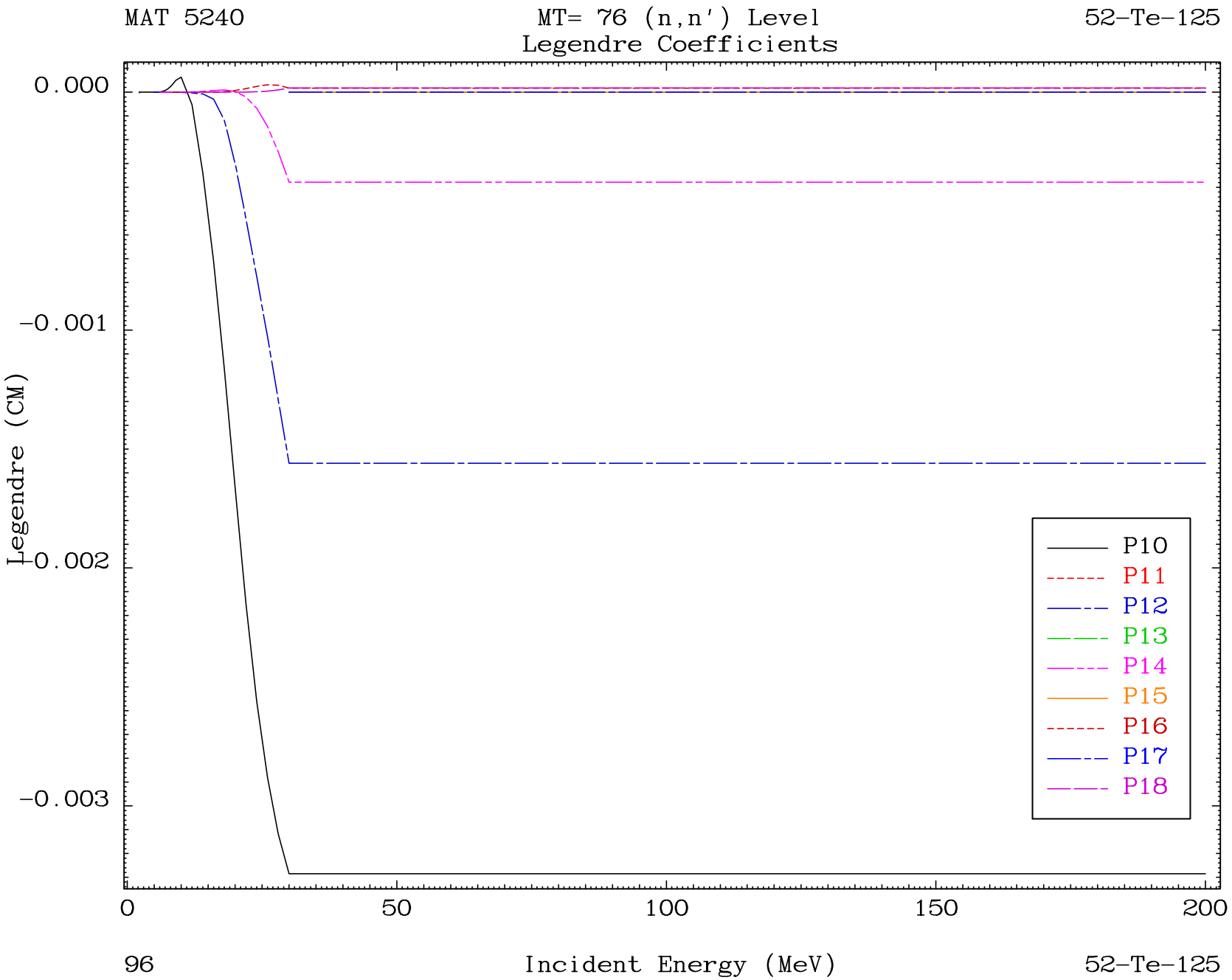

MAT 5240
MT= 74 (n,n') Level
Legendre Coefficients
52-Te-125
X10-7
0
-2
-4
-6
-8
Legendre (CM)
50
100
150
200
P19
P20
P21
P22
P23
P24
P25
P26
91
Incident Energy (MeV)
52-Te-125

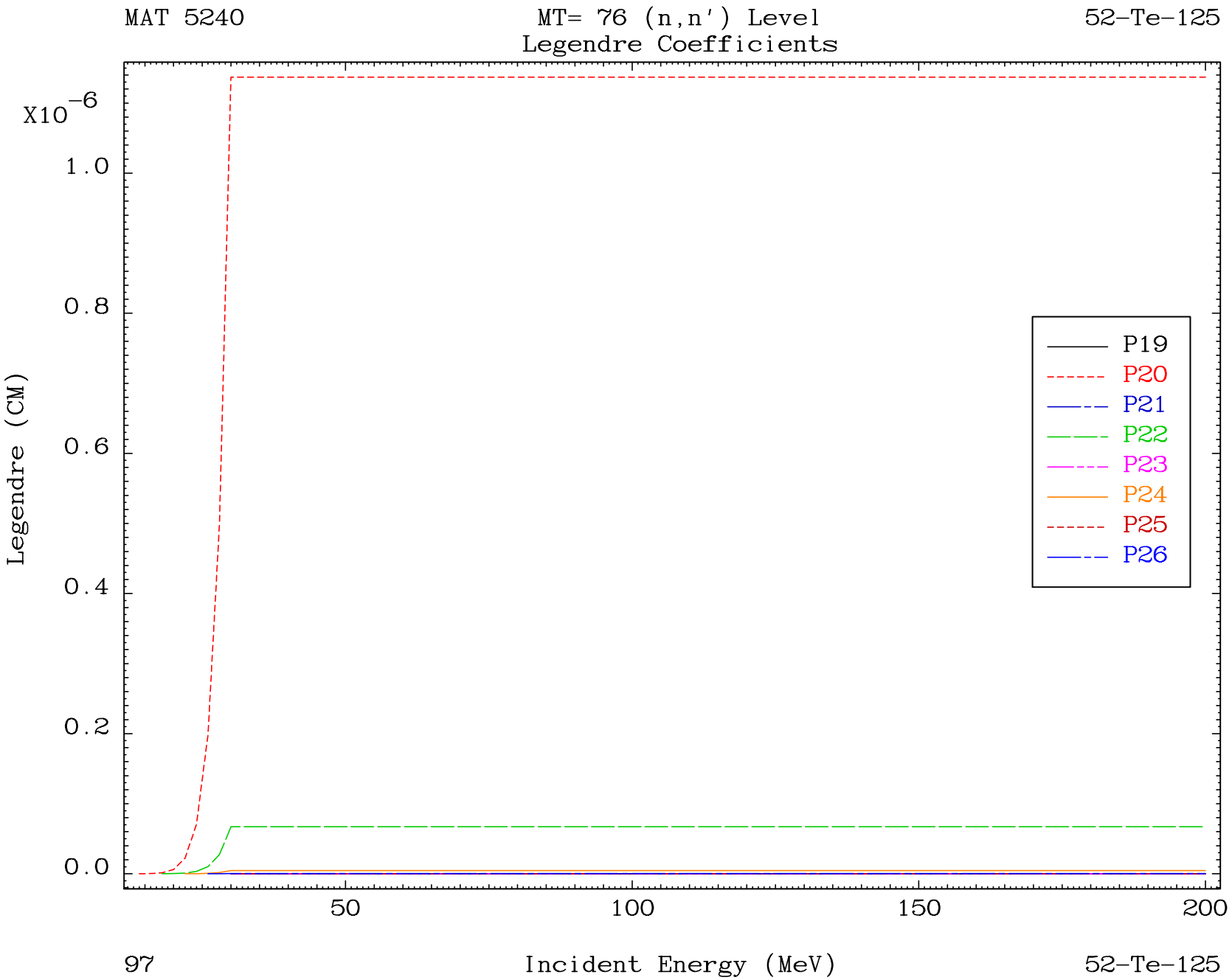

MAT 5240
MT= 75 (n,n') Level
Legendre Coefficients
52-Te-125
P1
P2
P3
P4
P5
P6
P7
P8
0.02
0.00
-0.02
-0.04
Legendre (CM)
0
50
100
150
200
92
Incident Energy (MeV)
52-Te-125

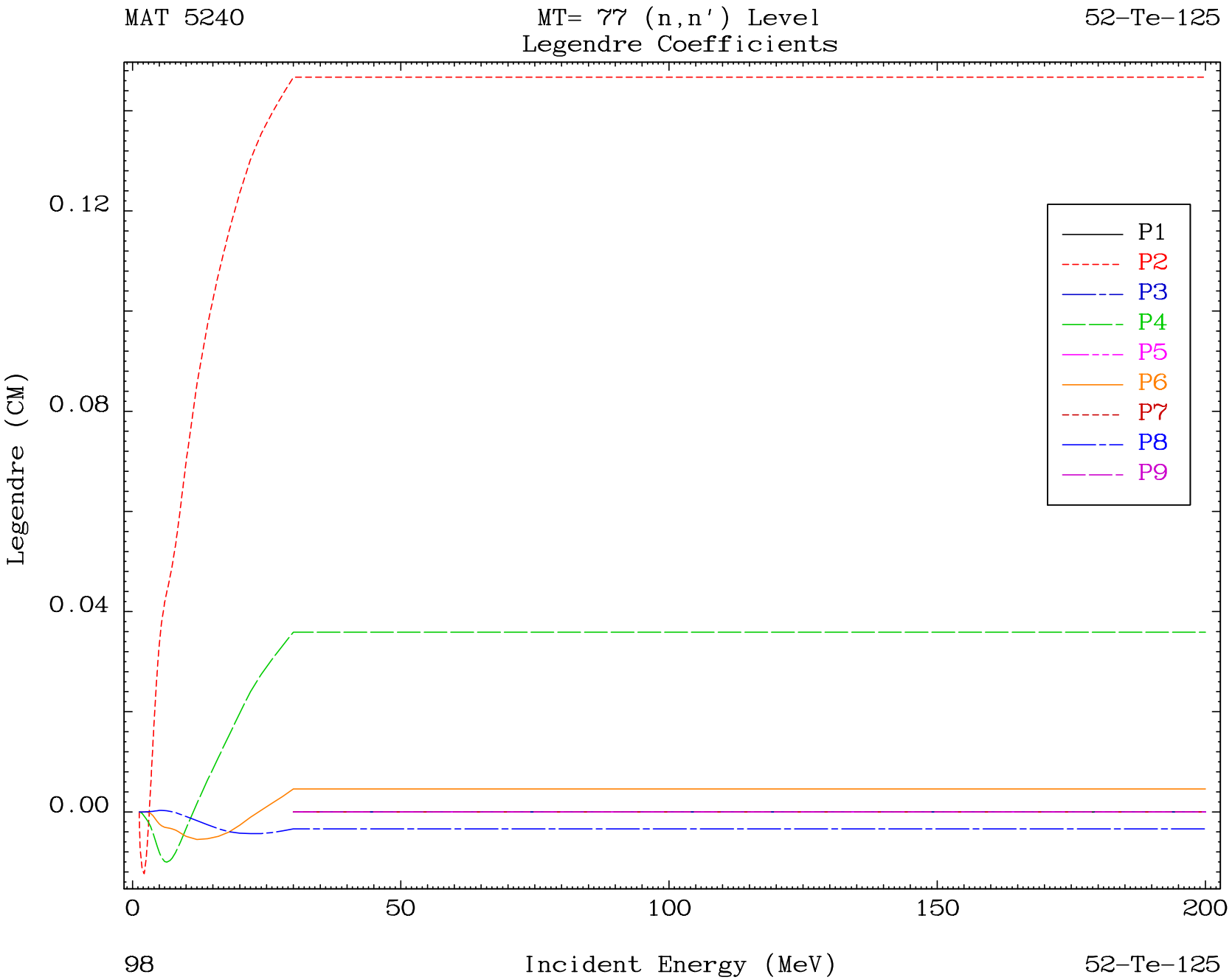

MAT 5240
MT= 75 (n,n') Level
Legendre Coefficients
52-Te-125
X10^-3
1.0
0.8
0.6
0.4
0.2
0.0
-0.2
Legendre (CM)
P9
P10
P11
P12
P13
P14
P15
P16
0
50
100
150
200
93
Incident Energy (MeV)
52-Te-125

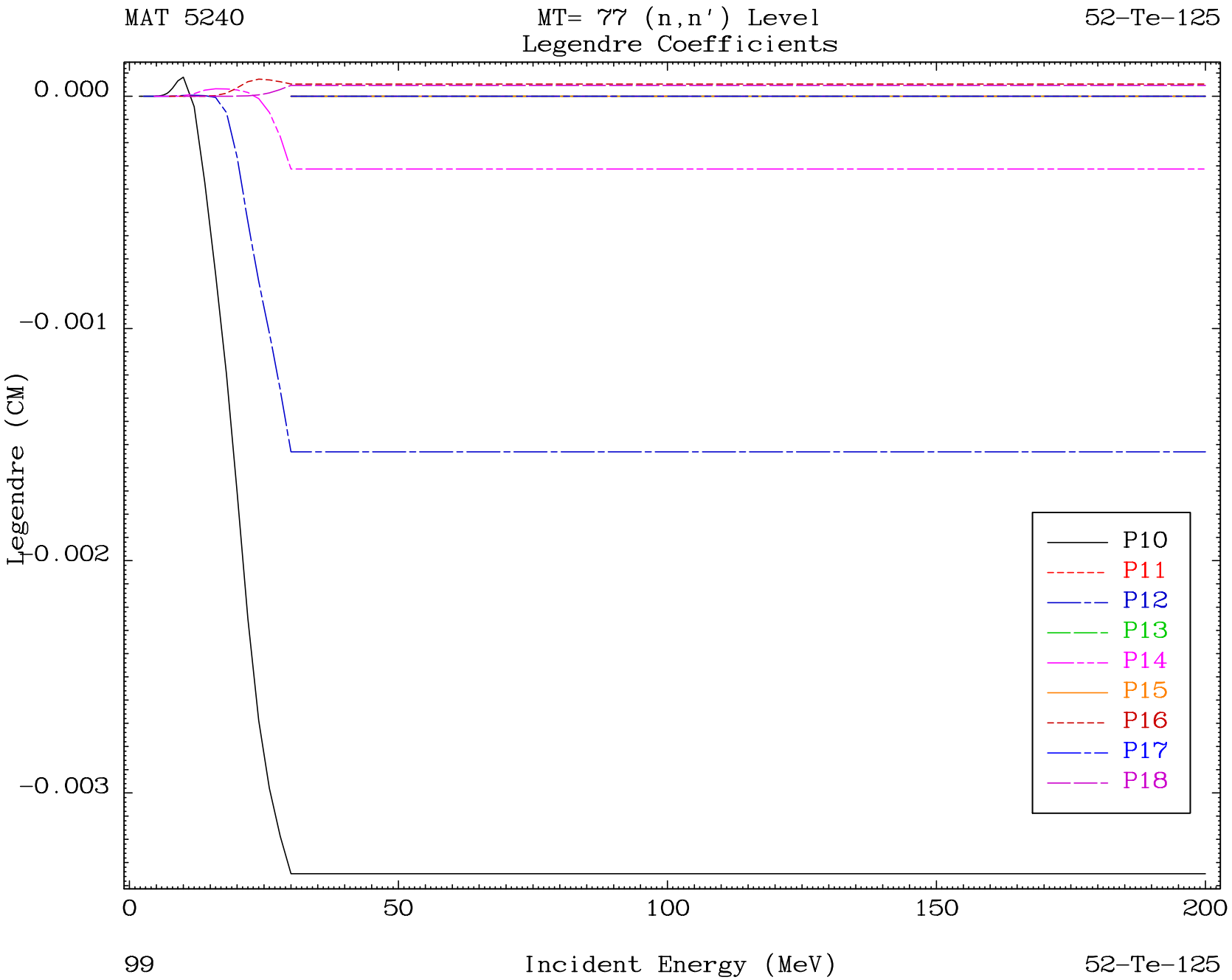

MAT 5240
MT= 75 (n,n') Level
Legendre Coefficients
52-Te-125
X10 −6
8
6
4
2
0
Legendre (CM)
50
100
150
200
P17
P18
P19
P20
P21
P22
P23
P24
94
Incident Energy (MeV)
52-Te-125

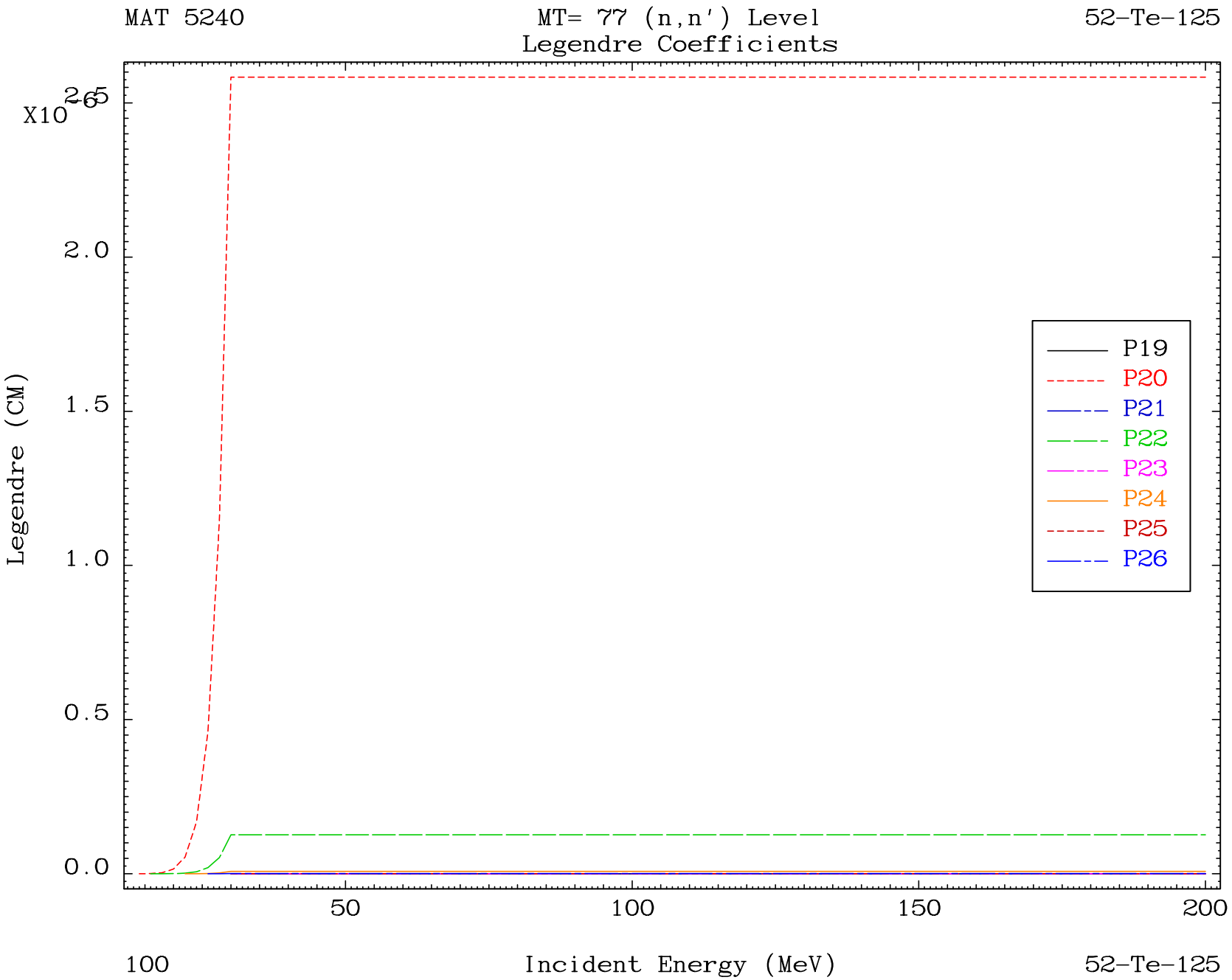

MAT 5240
MT= 76 (n,n') Level
Legendre Coefficients
52-Te-125
0.15
0.10
0.05
0.00
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
0
50
100
150
200
95
Incident Energy (MeV)
52-Te-125

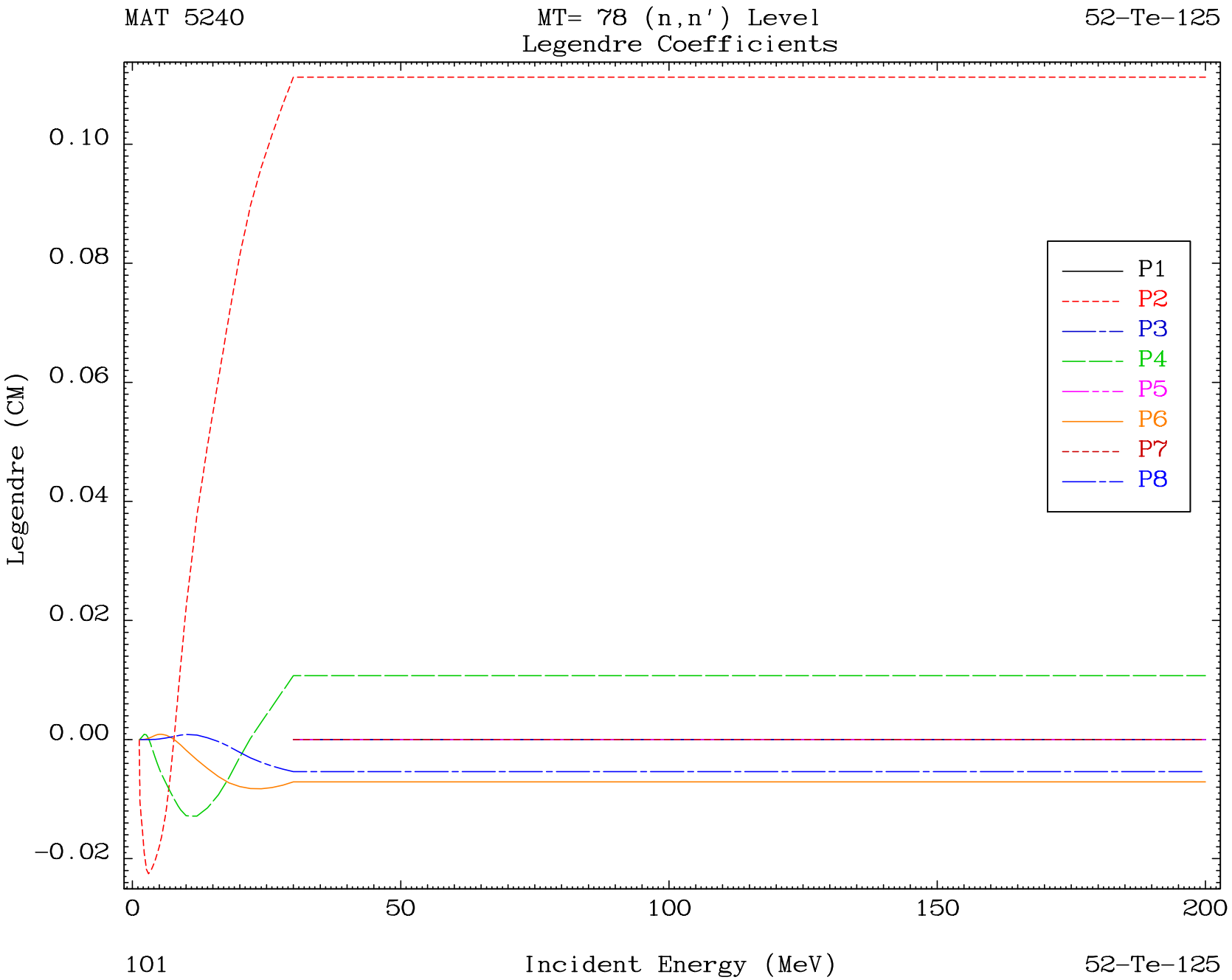

MAT 5240
MT= 76 (n,n') Level
Legendre Coefficients
52-Te-125
0.000
-0.001
-0.002
-0.003
Legendre (CM)
0
50
100
150
200
96
Incident Energy (MeV)
52-Te-125
P10
P11
P12
P13
P14
P15
P16
P17
P18

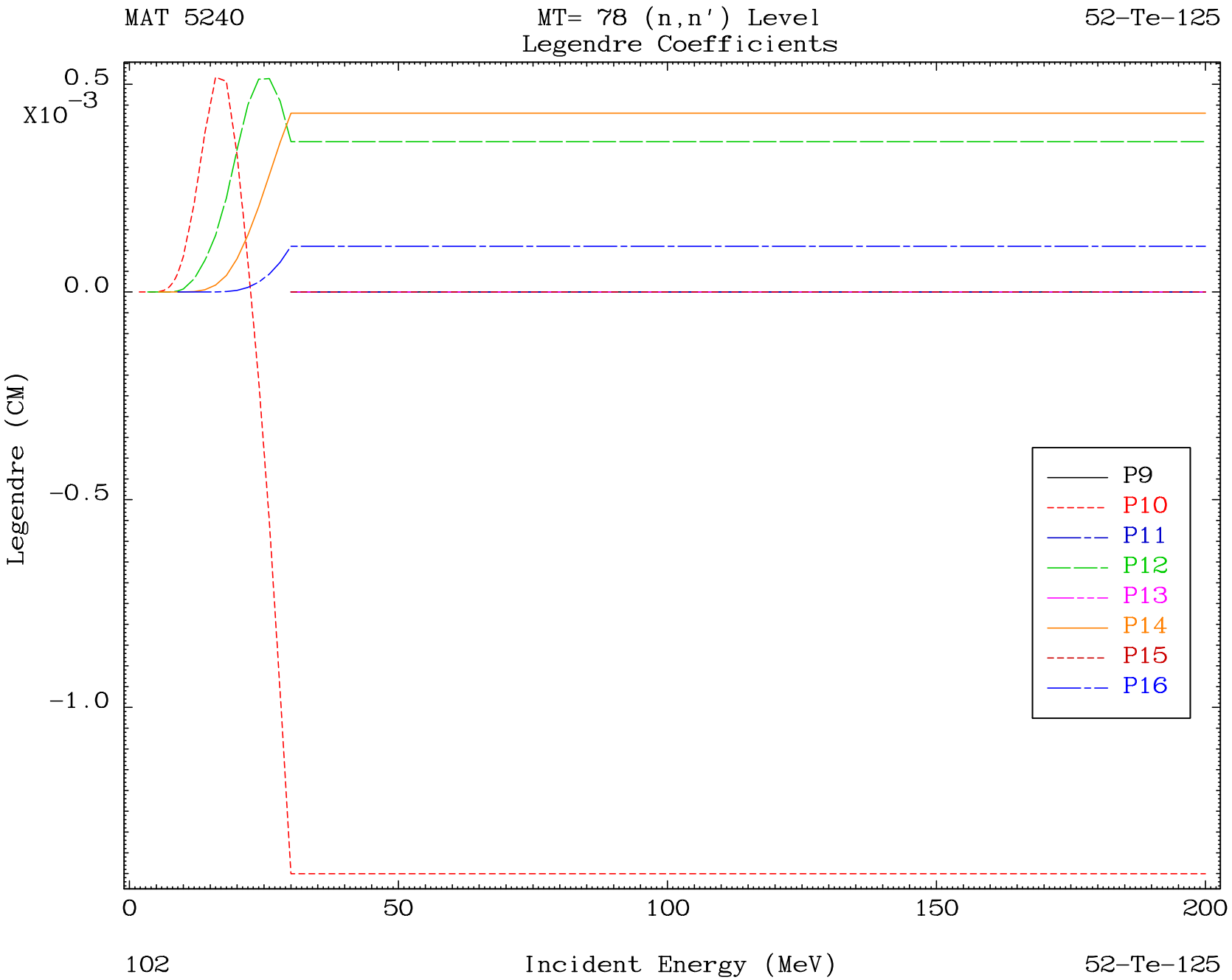

MAT 5240
MT= 76 (n,n') Level
Legendre Coefficients
52-Te-125
X10^-6
1.0
0.8
0.6
0.4
0.2
0.0
Legendre (CM)
50
100
150
200
P19
P20
P21
P22
P23
P24
P25
P26
97
Incident Energy (MeV)
52-Te-125

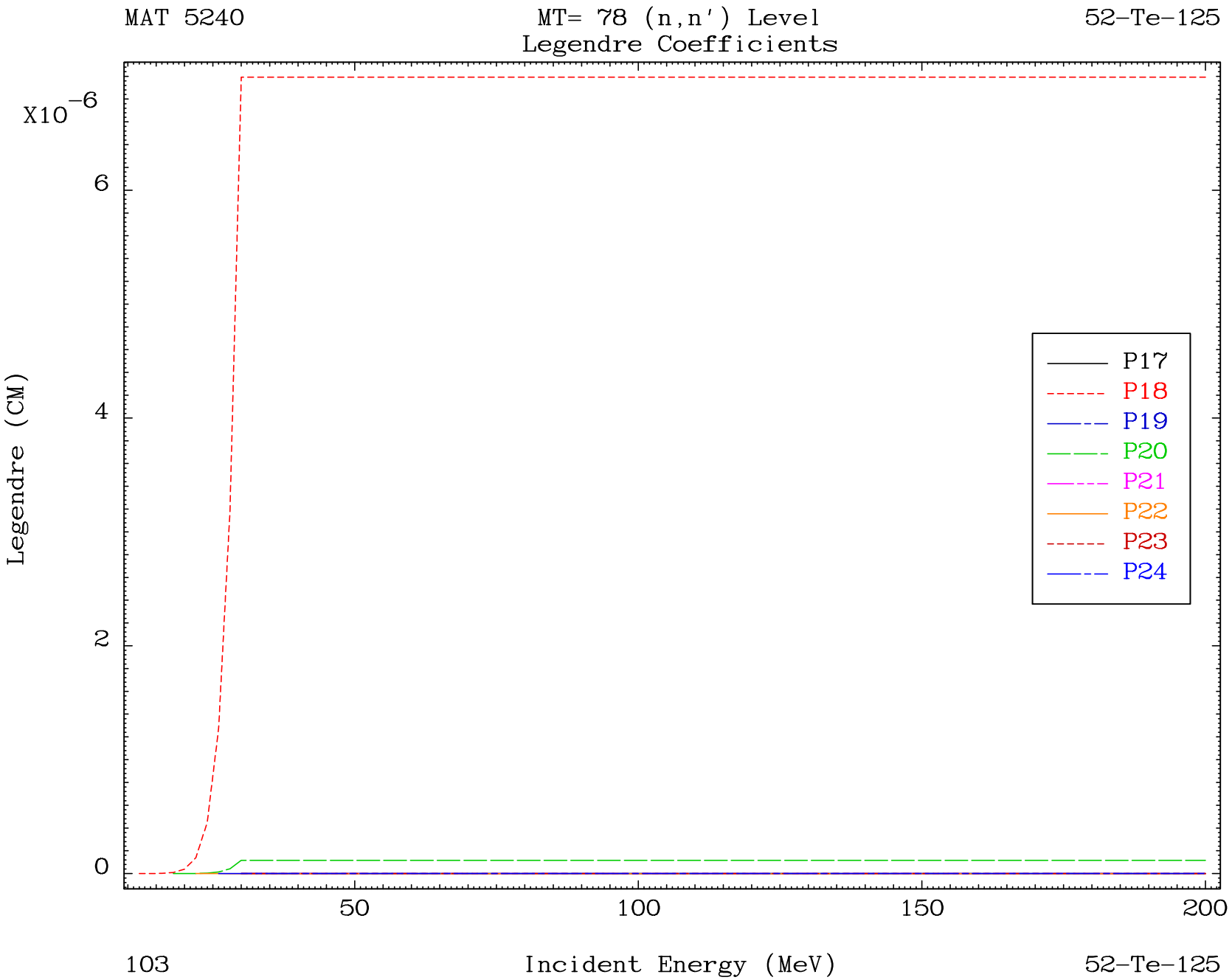

MAT 5240
MT= 77 (n,n') Level
Legendre Coefficients
52-Te-125
Legendre (CM)
0.12
0.08
0.04
0.00
0
50
100
150
200
98
Incident Energy (MeV)
52-Te-125
P1
P2
P3
P4
P5
P6
P7
P8
P9

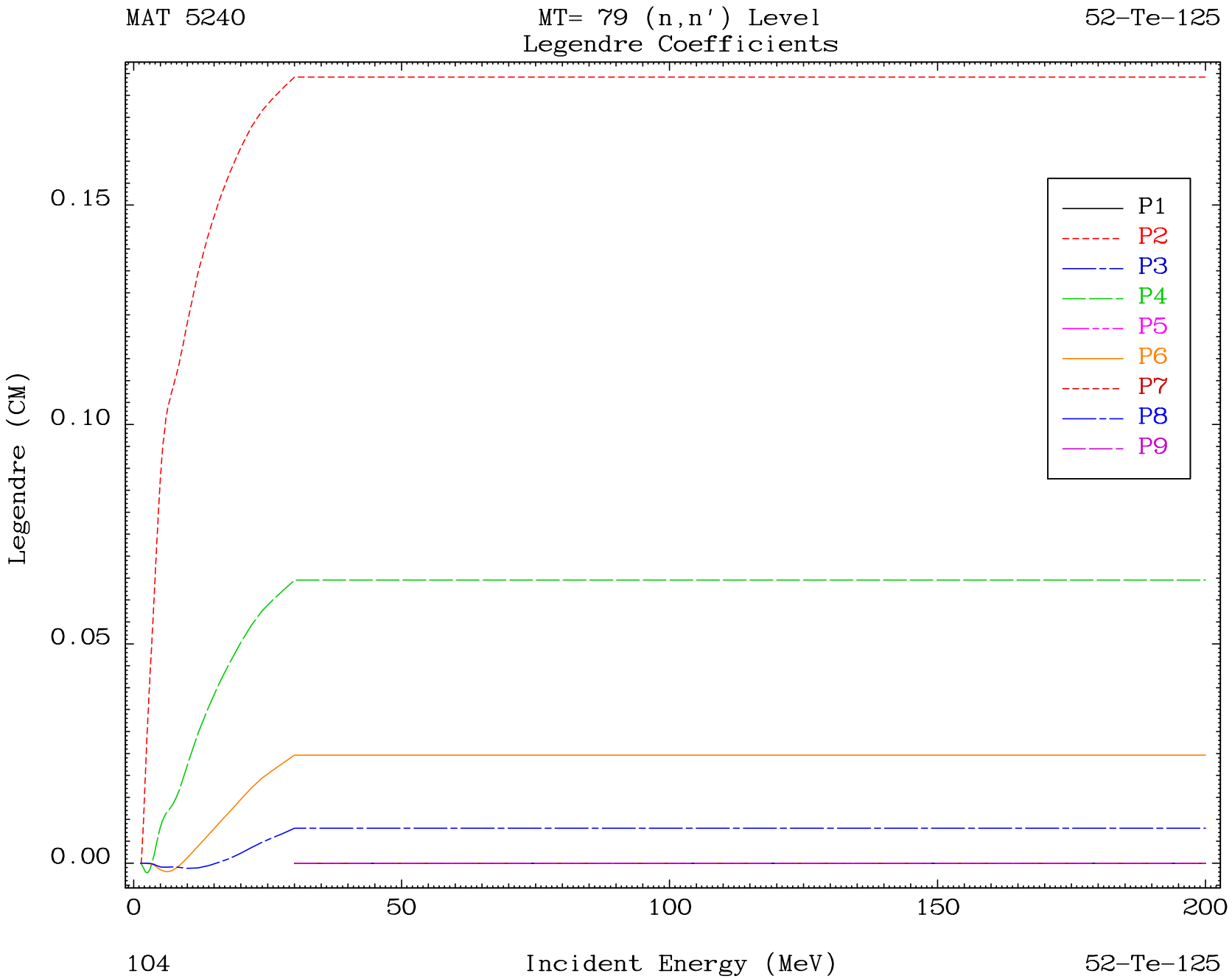

MAT 5240
MT= 77 (n,n') Level
Legendre Coefficients
52-Te-125
0.000
-0.001
-0.002
-0.003
Legendre (CM)
0
50
100
150
200
99
Incident Energy (MeV)
52-Te-125
P10
P11
P12
P13
P14
P15
P16
P17
P18

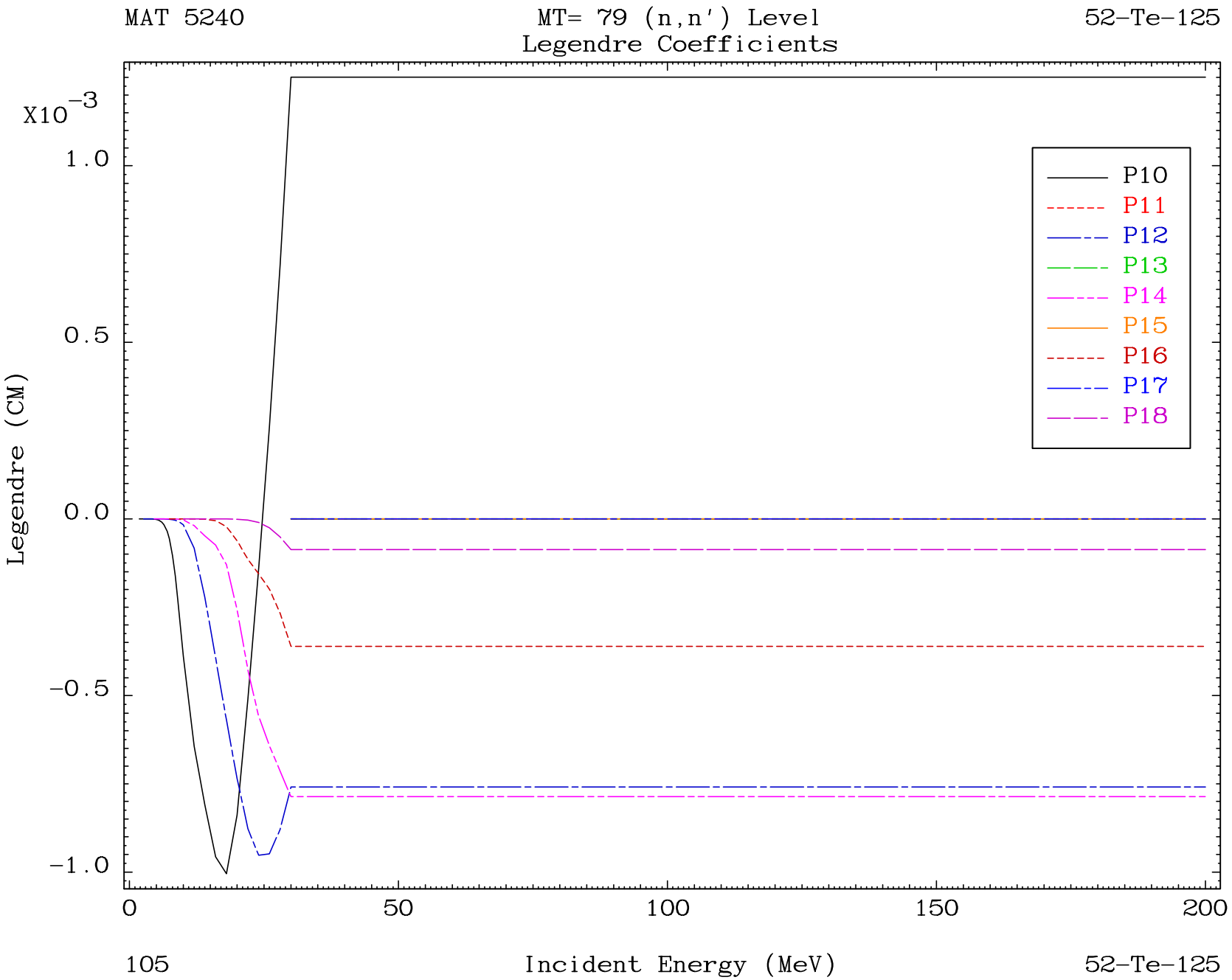

MAT 5240
MT= 77 (n,n') Level
Legendre Coefficients
52-Te-125
X10^-25
2.0
1.5
1.0
0.5
0.0
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
50
100
150
200
100
Incident Energy (MeV)
52-Te-125

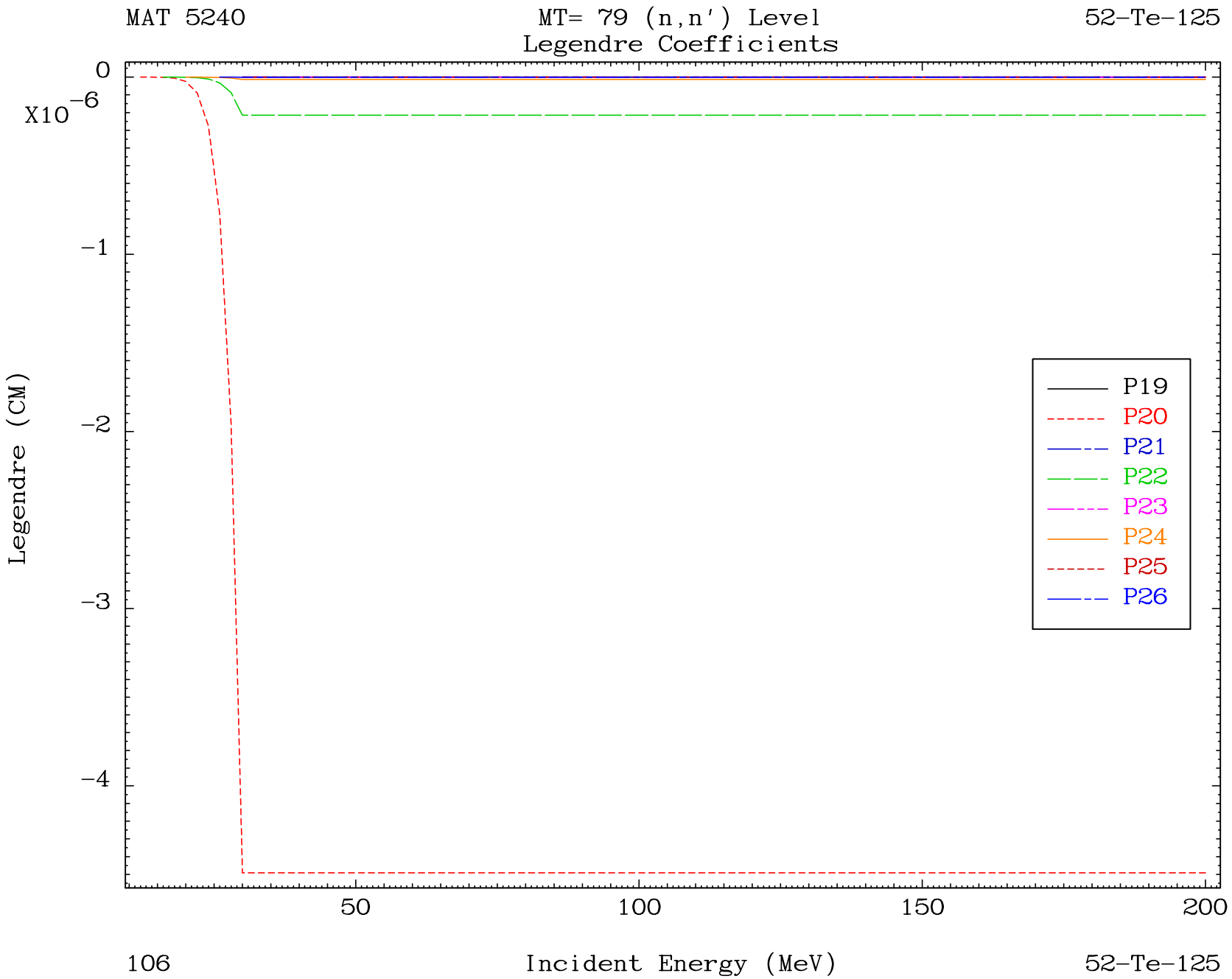

MAT 5240
MT= 78 (n,n') Level
Legendre Coefficients
52-Te-125
0.10
0.08
0.06
0.04
0.02
0.00
-0.02
Legendre (CM)
0
50
100
150
200
P1
P2
P3
P4
P5
P6
P7
P8
101
Incident Energy (MeV)
52-Te-125

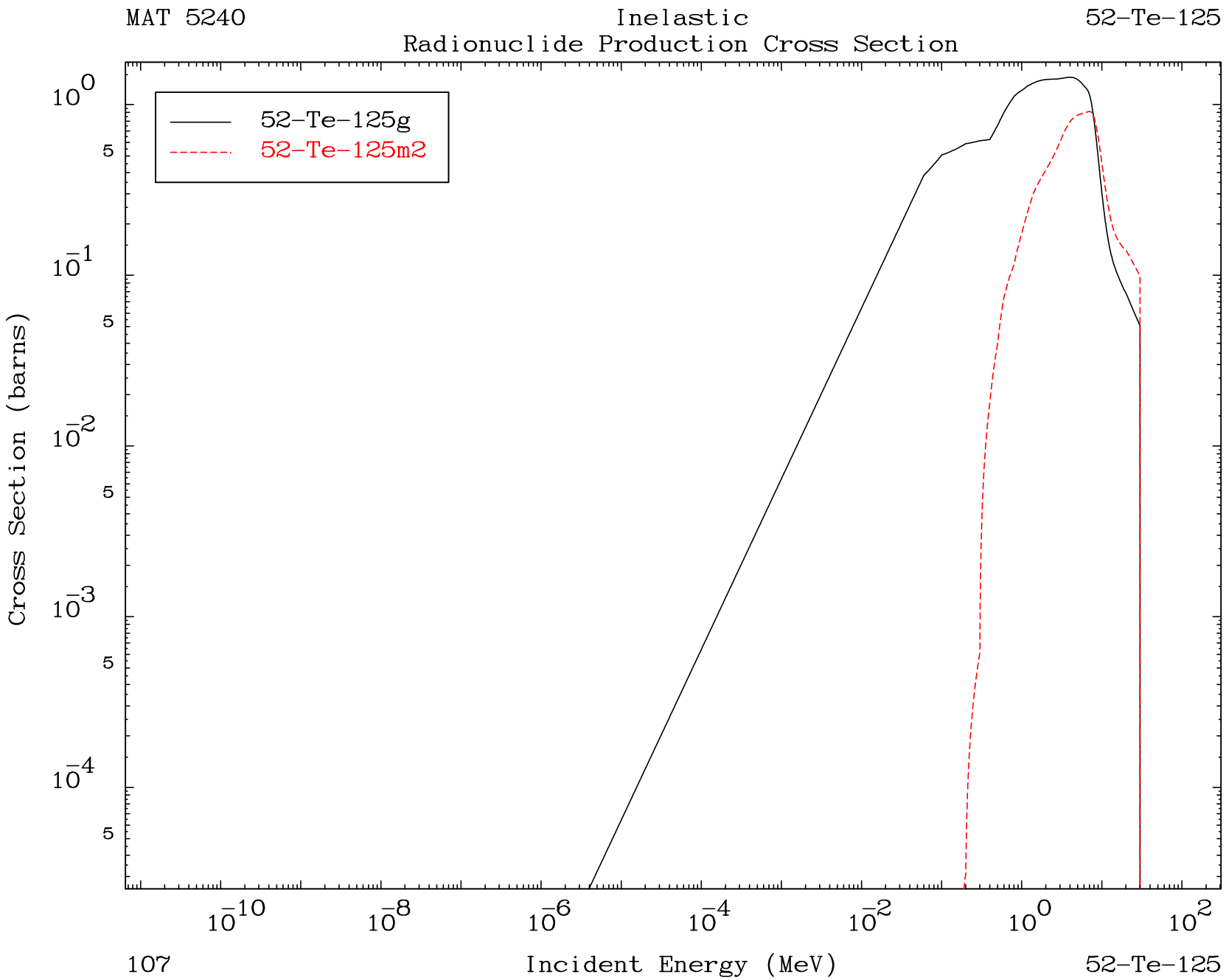

MAT 5240
MT= 78 (n,n') Level
Legendre Coefficients
52-Te-125
0.5
X10^-3
0.0
-0.5
-1.0
Legendre (CM)
0
50
100
150
200
P9
P10
P11
P12
P13
P14
P15
P16
102
Incident Energy (MeV)
52-Te-125

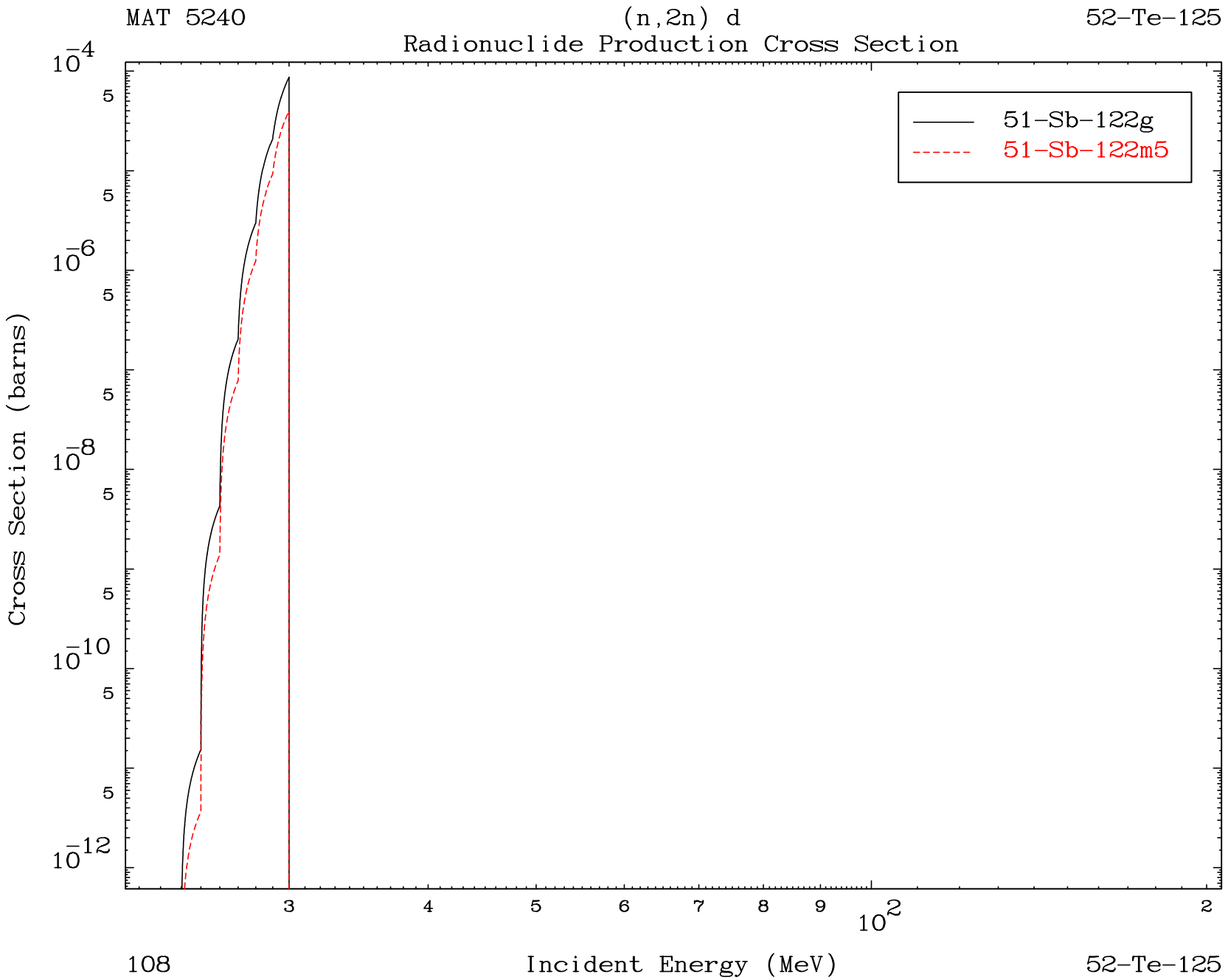

MAT 5240
MT= 78 (n,n') Level
Legendre Coefficients
52-Te-125
X10^-6
6
4
2
0
Legendre (CM)
50
100
150
200
P17
P18
P19
P20
P21
P22
P23
P24
103
Incident Energy (MeV)
52-Te-125

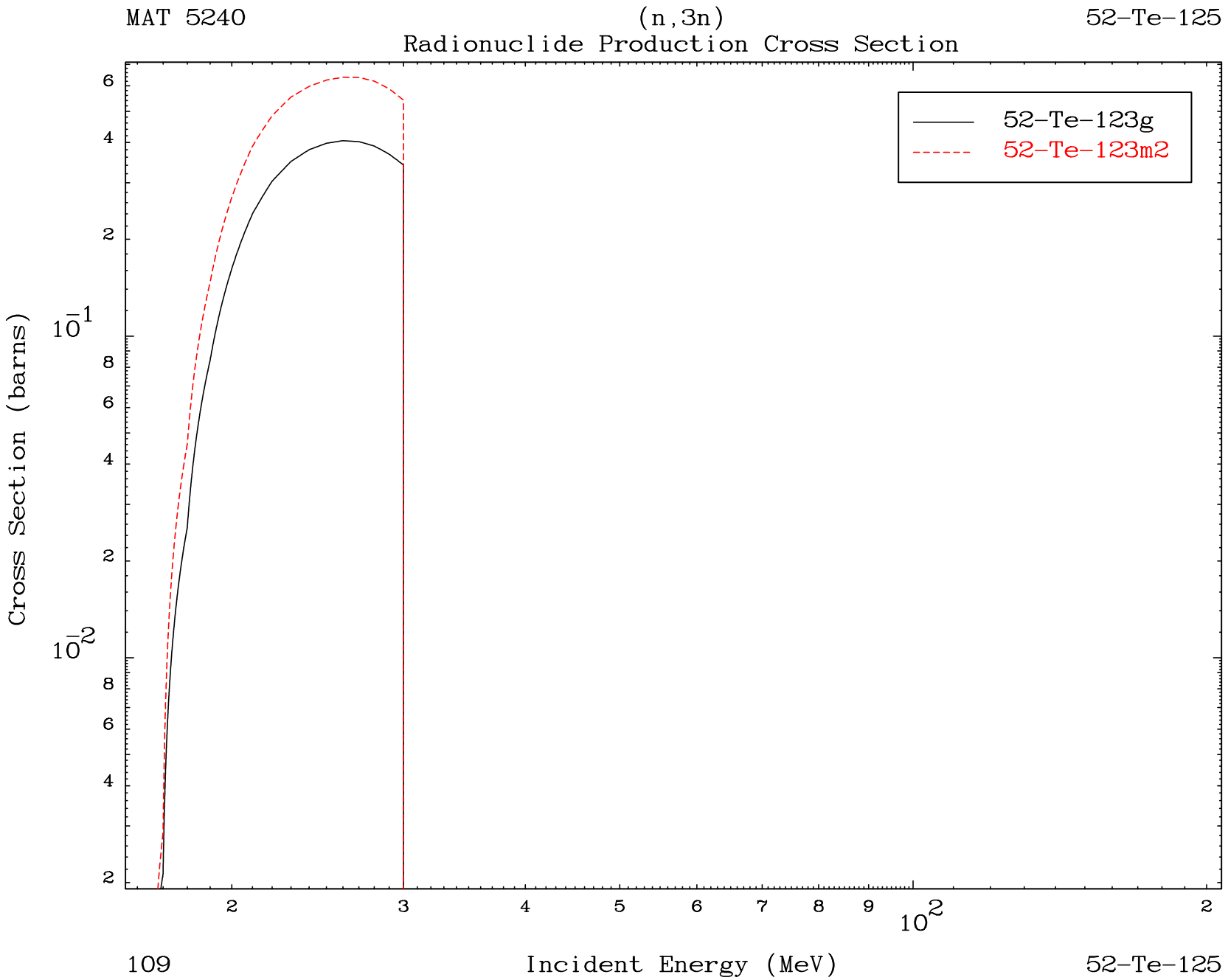

MAT 5240
MT= 79 (n,n') Level
Legendre Coefficients
52-Te-125
Legendre (CM)
0.15
0.10
0.05
0.00
0
50
100
150
200
P1
P2
P3
P4
P5
P6
P7
P8
P9
104
Incident Energy (MeV)
52-Te-125

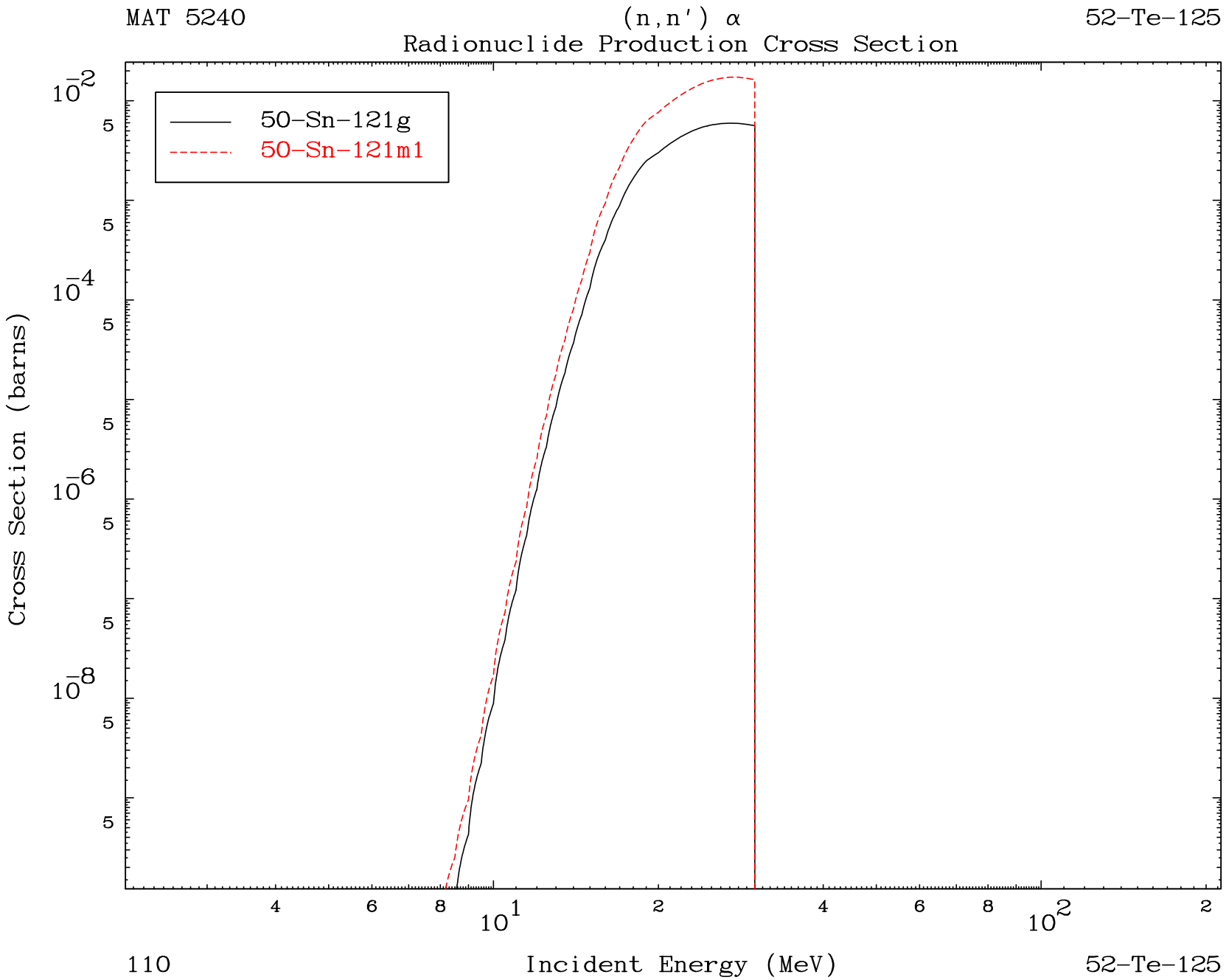

MAT 5240
MT= 79 (n,n') Level
Legendre Coefficients
52-Te-125
X10-3
1.0
0.5
0.0
-0.5
-1.0
Legendre (CM)
P10
P11
P12
P13
P14
P15
P16
P17
P18
0
50
100
150
200
105
Incident Energy (MeV)
52-Te-125

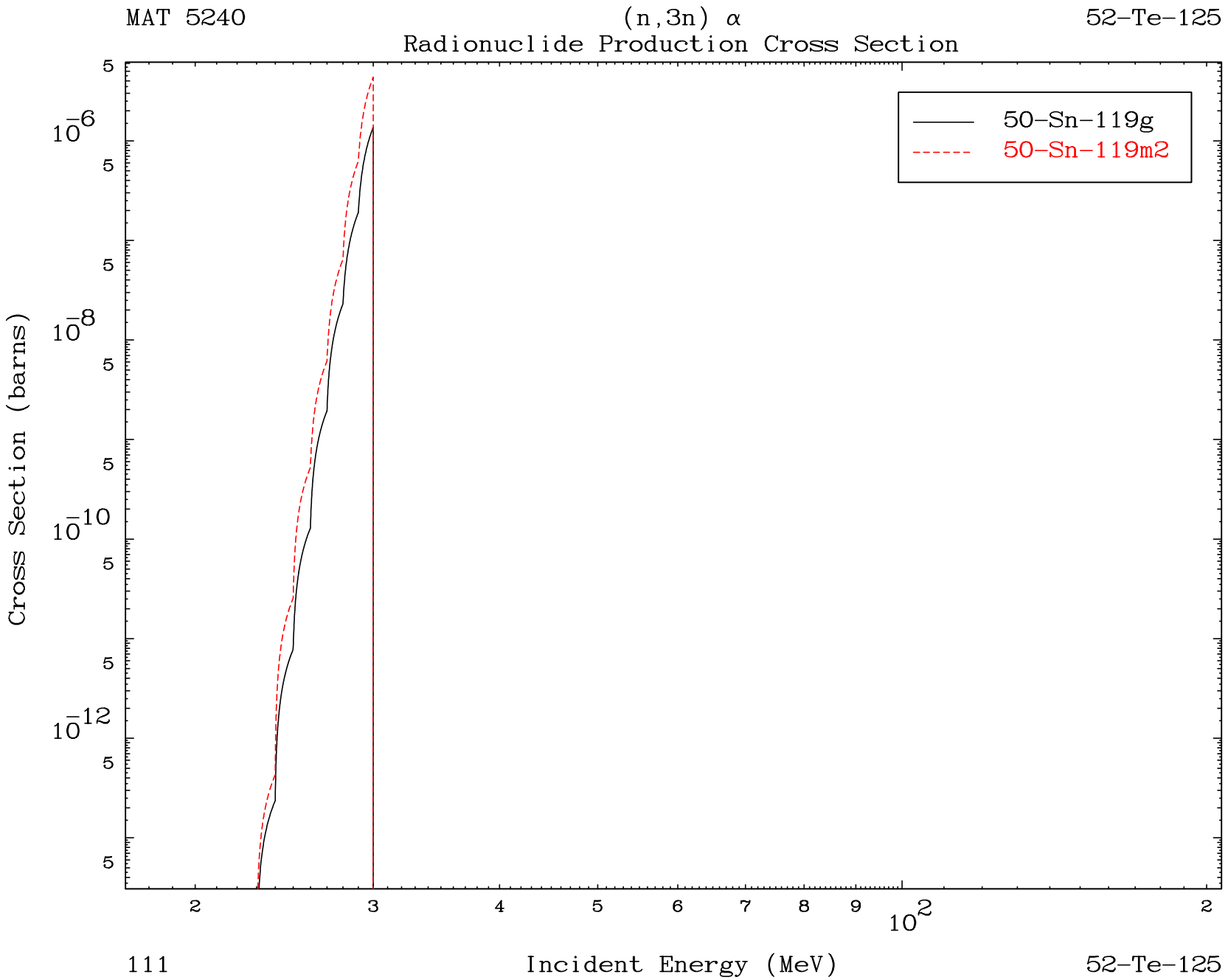

MAT 5240
MT= 79 (n,n') Level
Legendre Coefficients
52-Te-125
0
X10−6
−1
−2
−3
−4
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
50
100
150
200
106
Incident Energy (MeV)
52-Te-125

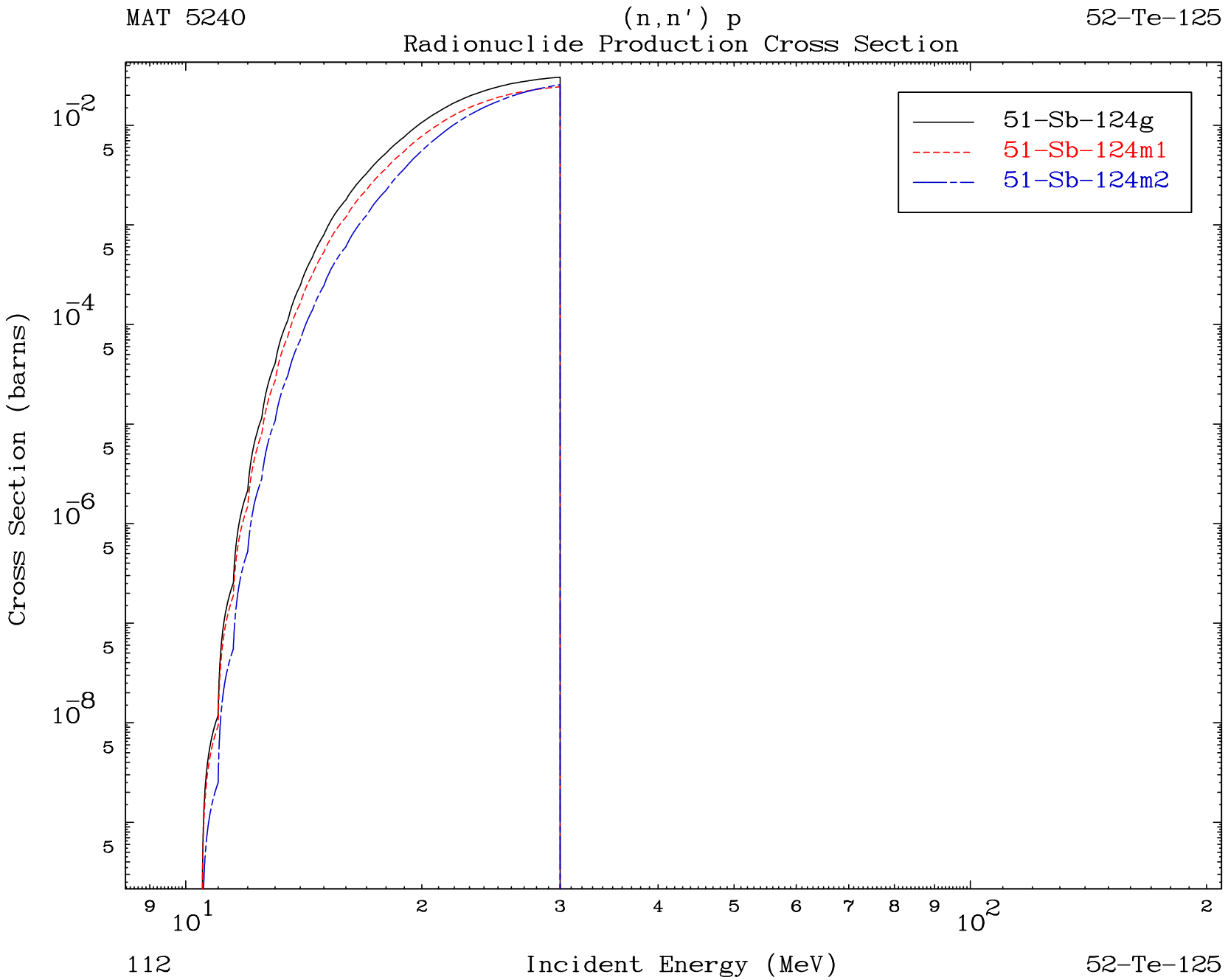

MAT 5240
Inelastic
52-Te-125
Radionuclide Production Cross Section
52-Te-125g
52-Te-125m2
Cross Section (barns)
Incident Energy (MeV)
107
52-Te-125

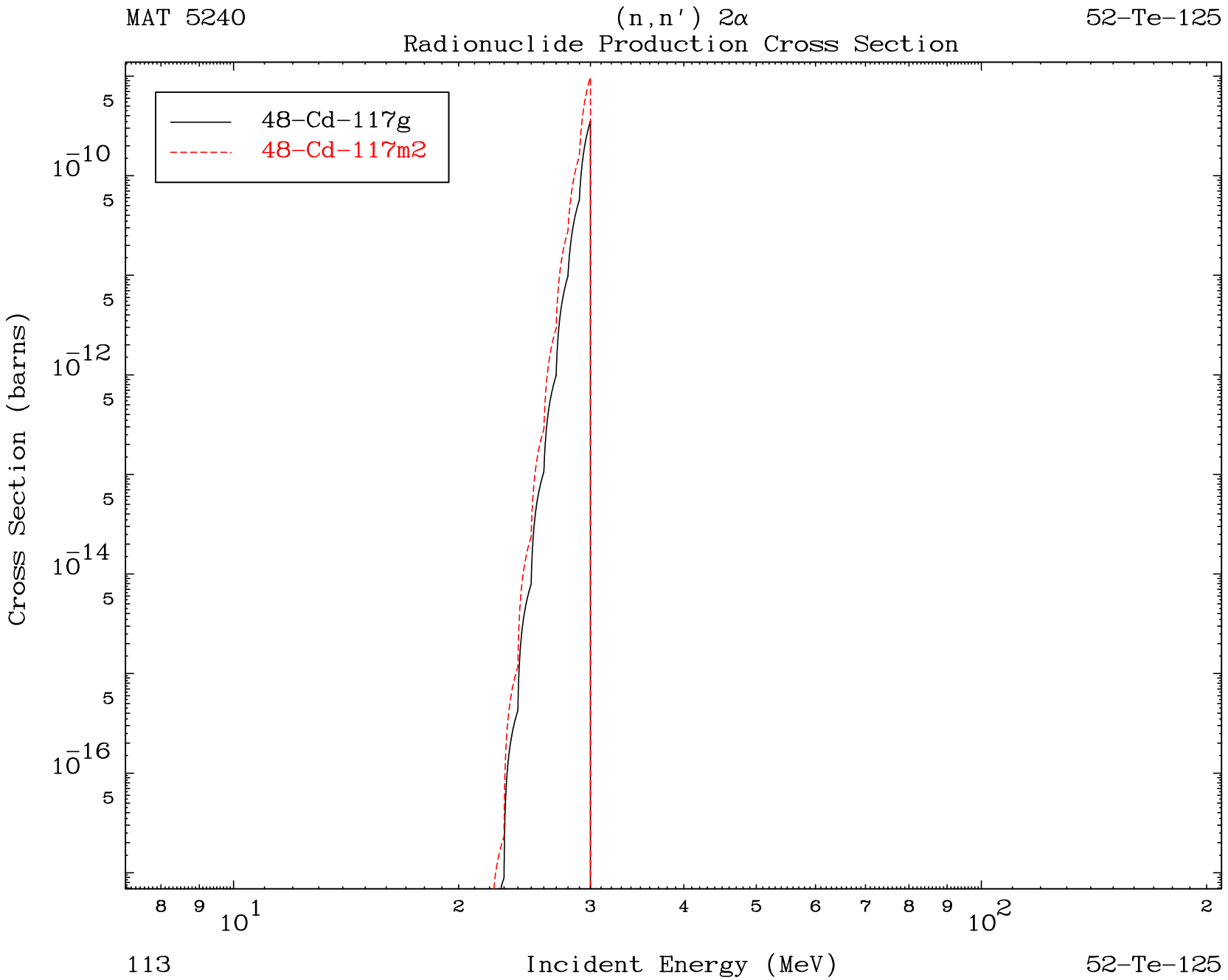

MAT 5240
(n,2n) d
52-Te-125
Radionuclide Production Cross Section
51-Sb-122g
51-Sb-122m5
Cross Section (barns)
Incident Energy (MeV)
108
52-Te-125

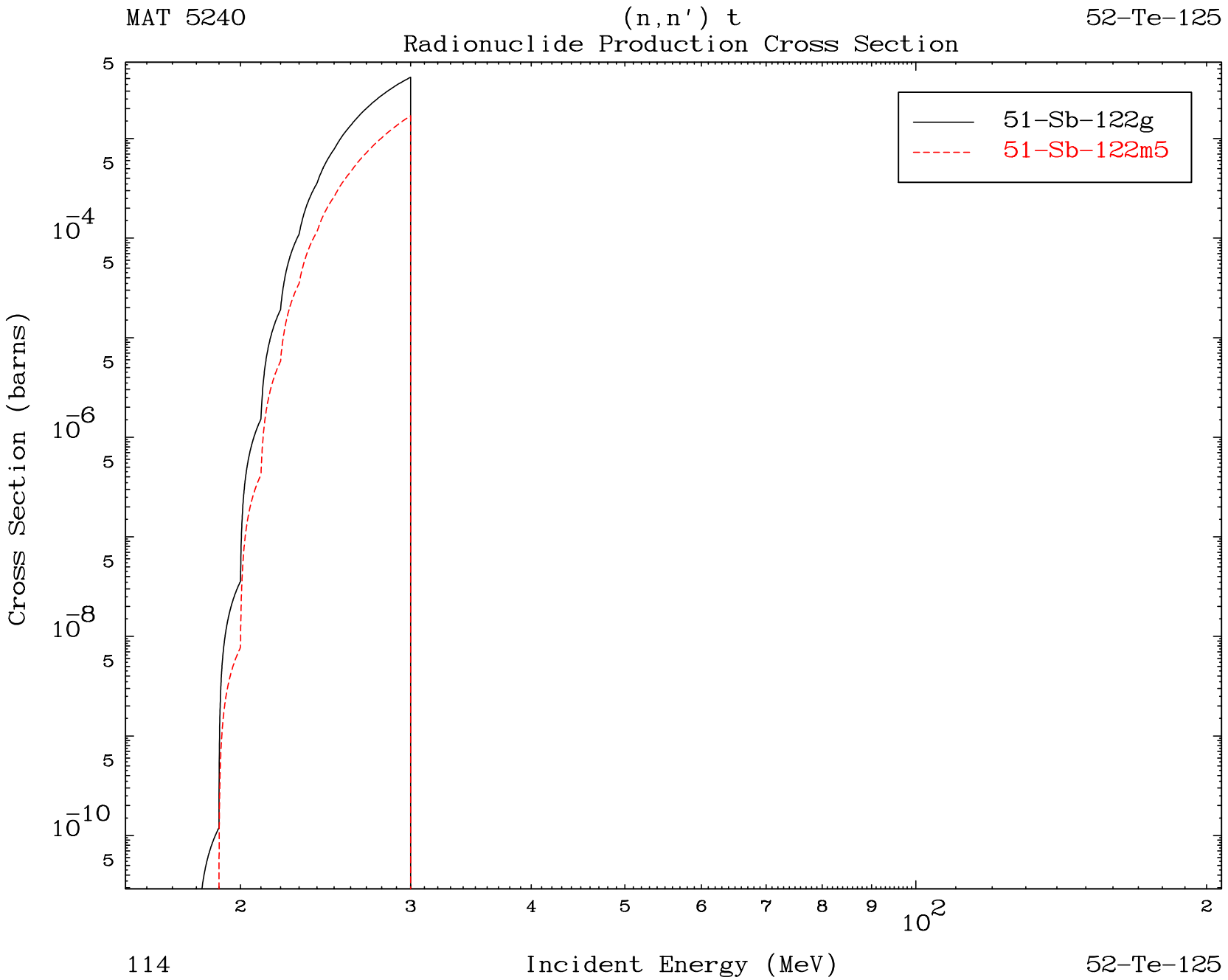

MAT 5240
(n,3n)
52-Te-125
Radionuclide Production Cross Section
52-Te-123g
52-Te-123m2
Cross Section (barns)
Incident Energy (MeV)
109
52-Te-125

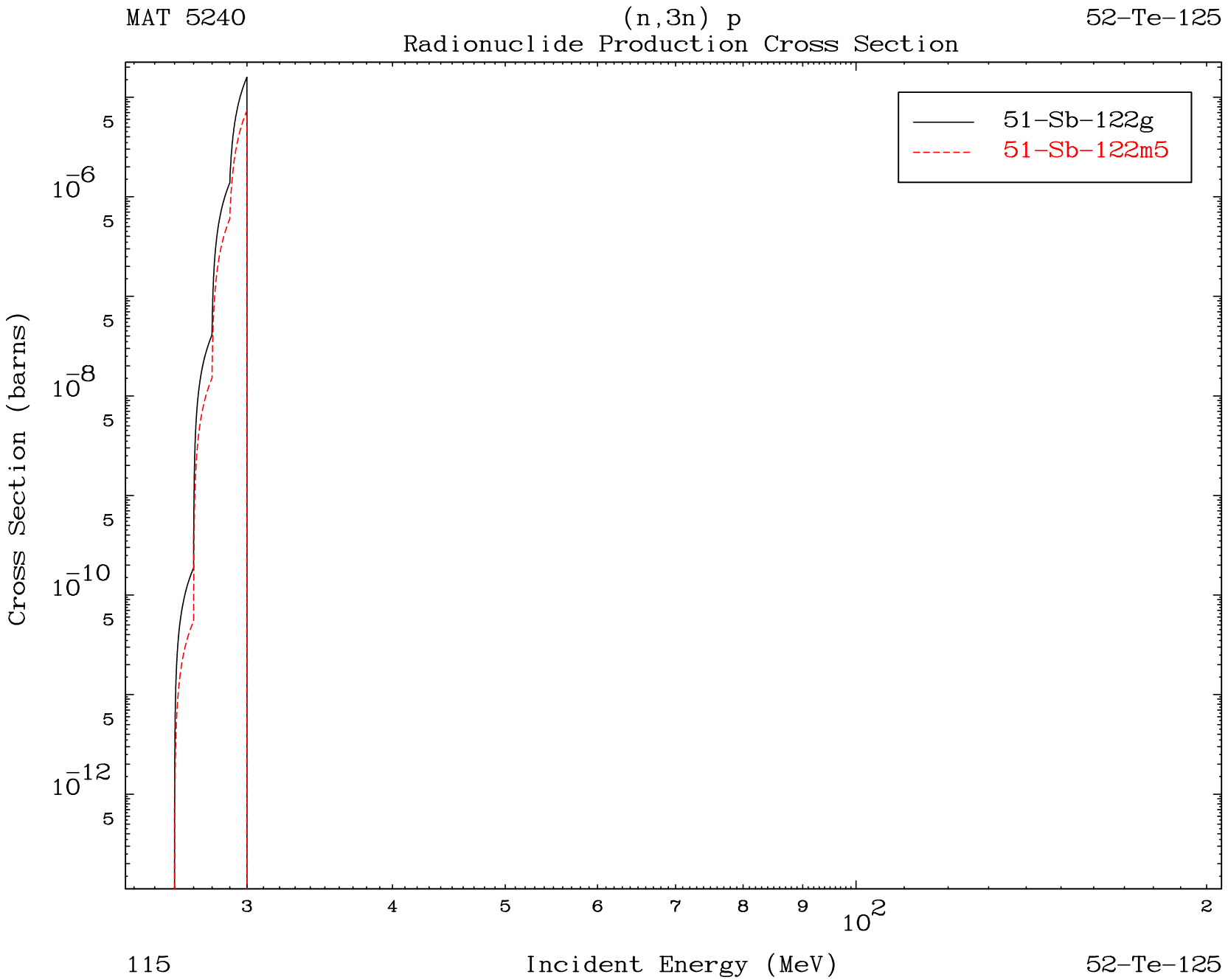

MAT 5240
(n,n') α
52-Te-125
Radionuclide Production Cross Section
50-Sn-121g
50-Sn-121m1
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
5
4
6
8
10^1
2
10^2
110
Incident Energy (MeV)
52-Te-125

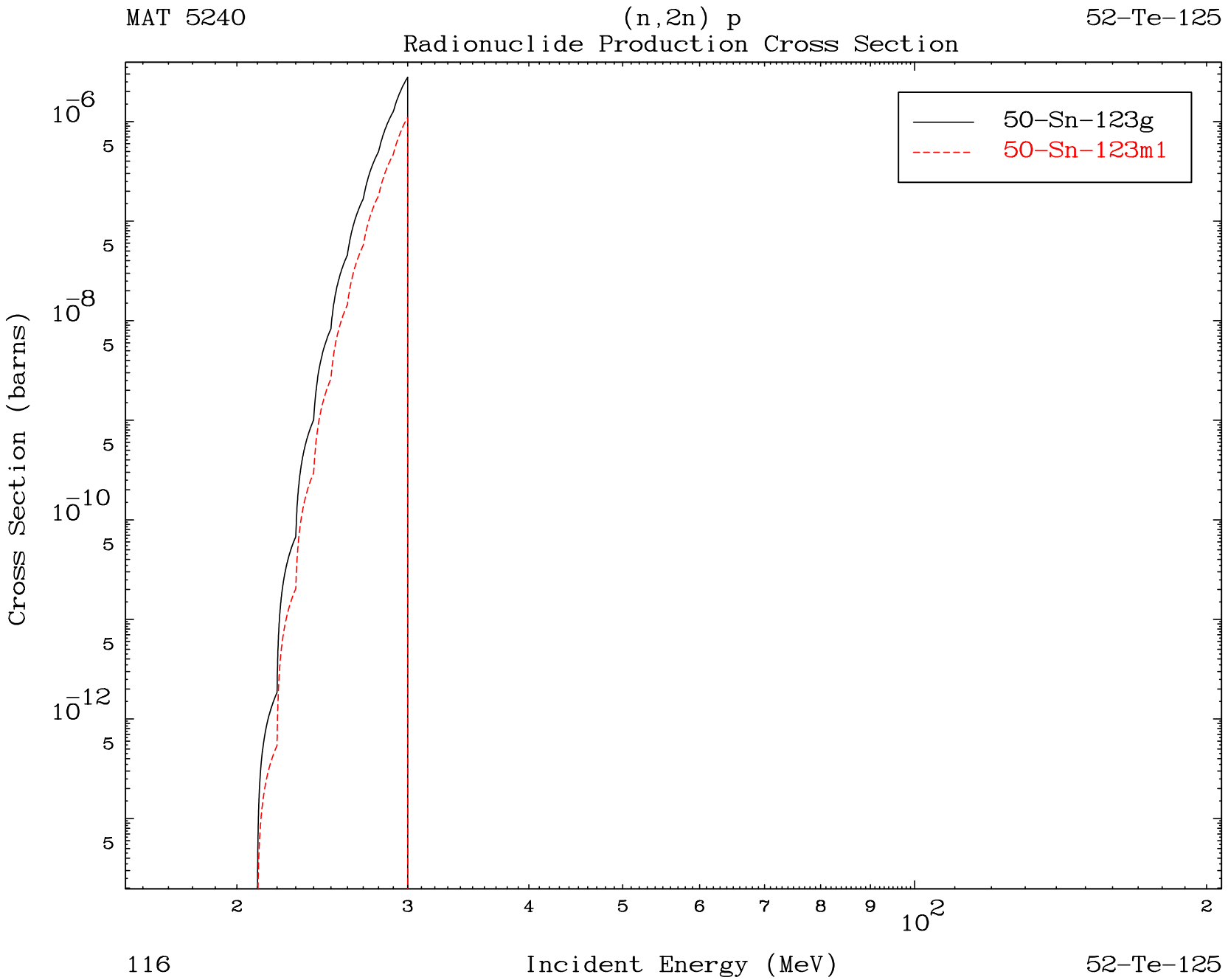

MAT 5240
(n,3n) α
52-Te-125
Radionuclide Production Cross Section
50-Sn-119g
50-Sn-119m2
Cross Section (barns)
10-6
10-8
10-10
10-12
2
3
4
5
6
7
8
9
10 2
2
111
Incident Energy (MeV)
52-Te-125

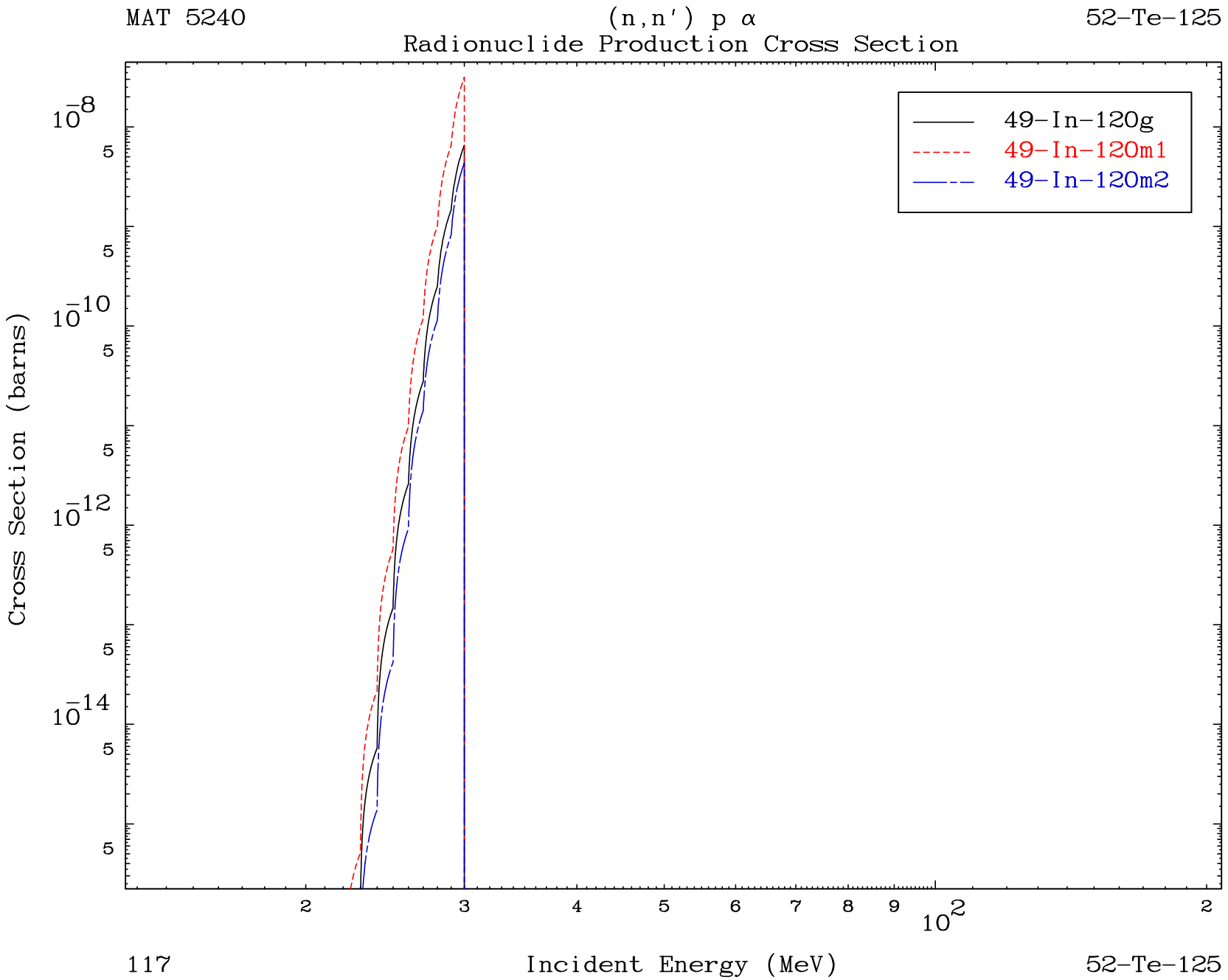

MAT 5240
(n,n') p
52-Te-125
Radionuclide Production Cross Section
51-Sb-124g
51-Sb-124m1
51-Sb-124m2
Cross Section (barns)
Incident Energy (MeV)
112
52-Te-125

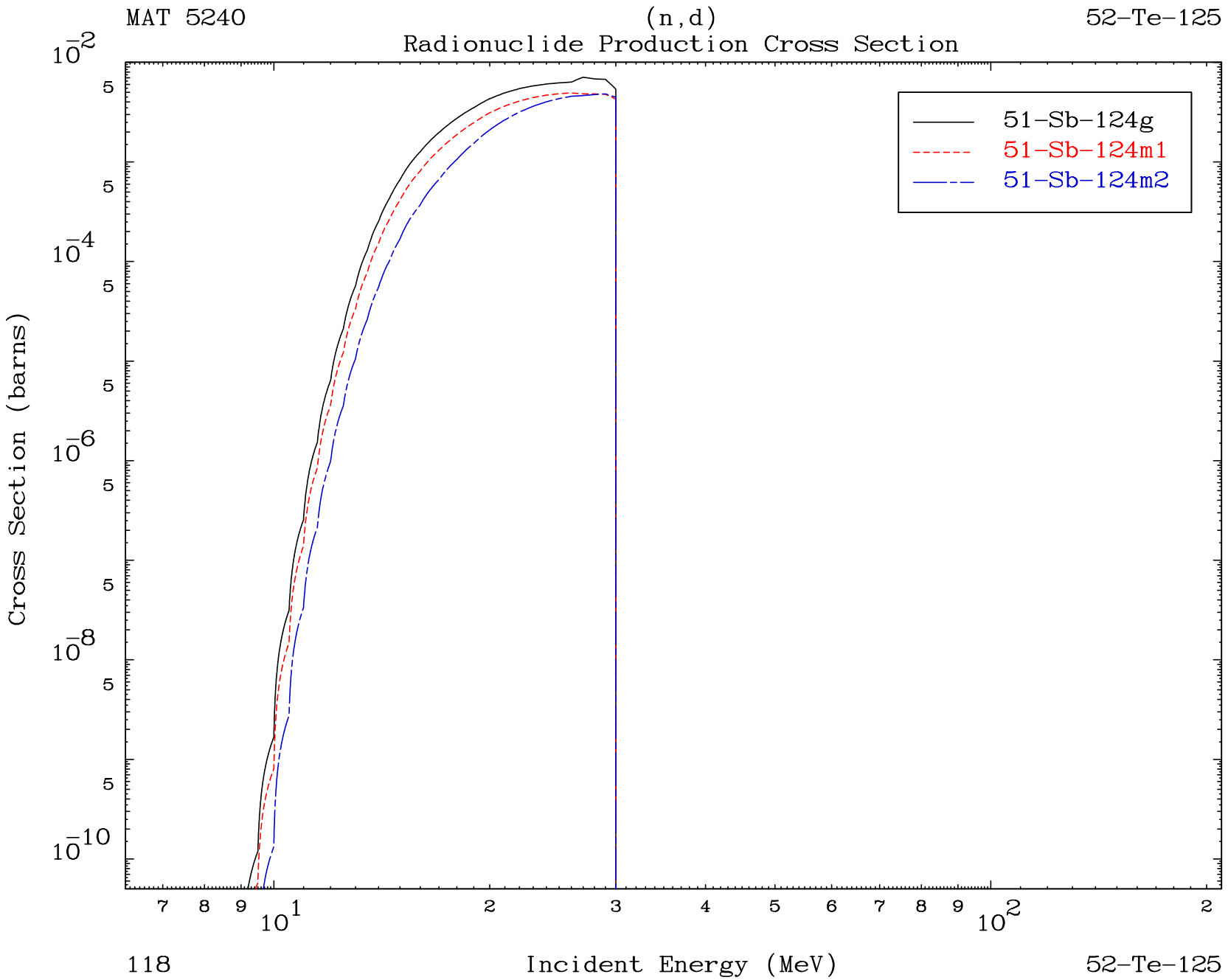

MAT 5240
(n,n') 2α
52-Te-125
Radionuclide Production Cross Section
48-Cd-117g
48-Cd-117m2
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
5
8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
113
Incident Energy (MeV)
52-Te-125

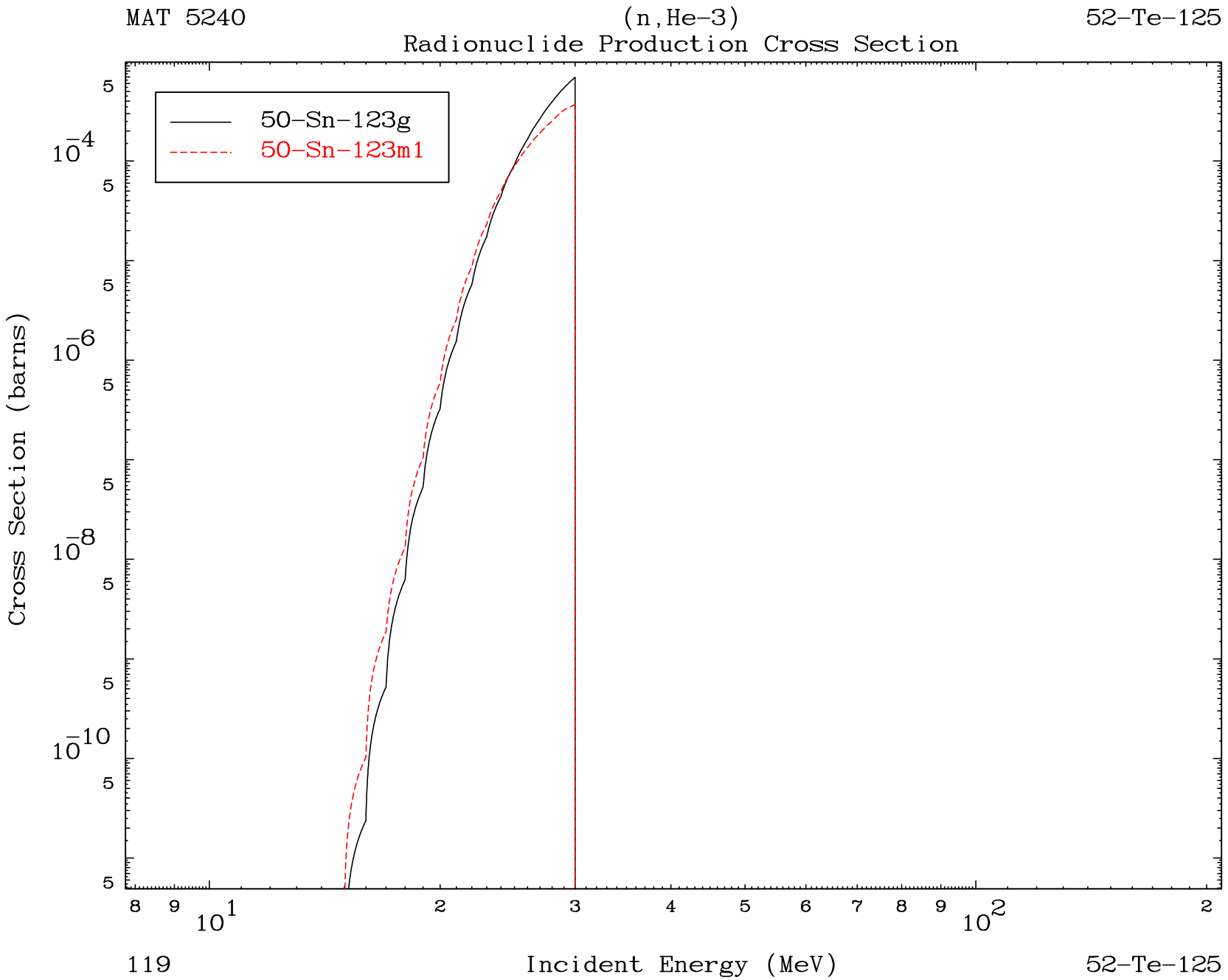

MAT 5240
(n,n') t
52-Te-125
Radionuclide Production Cross Section
51-Sb-122g
51-Sb-122m5
Cross Section (barns)
10-4
10-6
10-8
10-10
2
3
4
5
6
7
8
9
102
Incident Energy (MeV)
114
52-Te-125

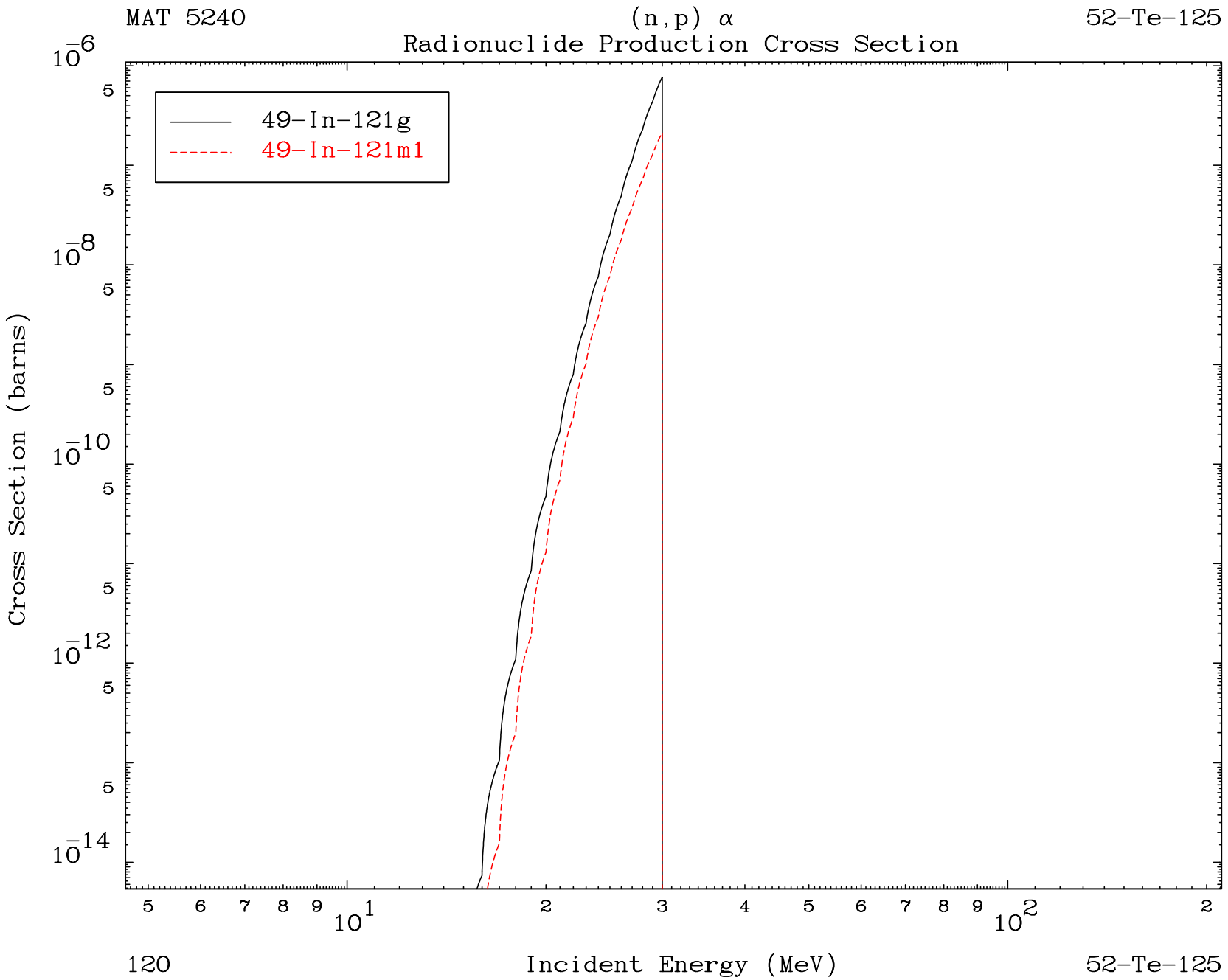

MAT 5240
(n,3n) p
52-Te-125
Radionuclide Production Cross Section
51-Sb-122g
51-Sb-122m5
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
3
4
5
6
7
8
9
10^2
2
115
Incident Energy (MeV)
52-Te-125

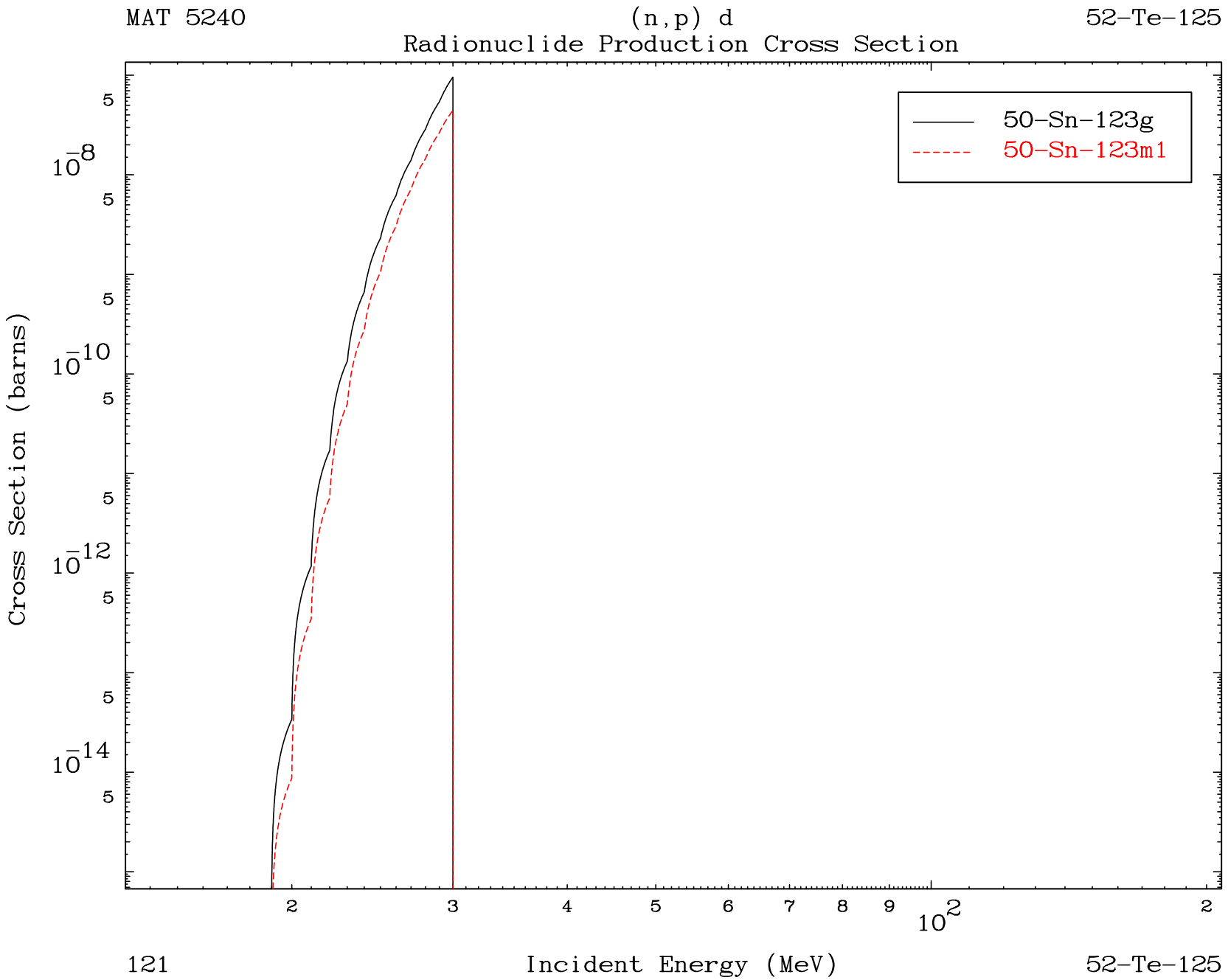

MAT 5240
(n,2n) p
52-Te-125
Radionuclide Production Cross Section
50-Sn-123g
50-Sn-123m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
6
7
8
9
10^2
116
Incident Energy (MeV)
52-Te-125

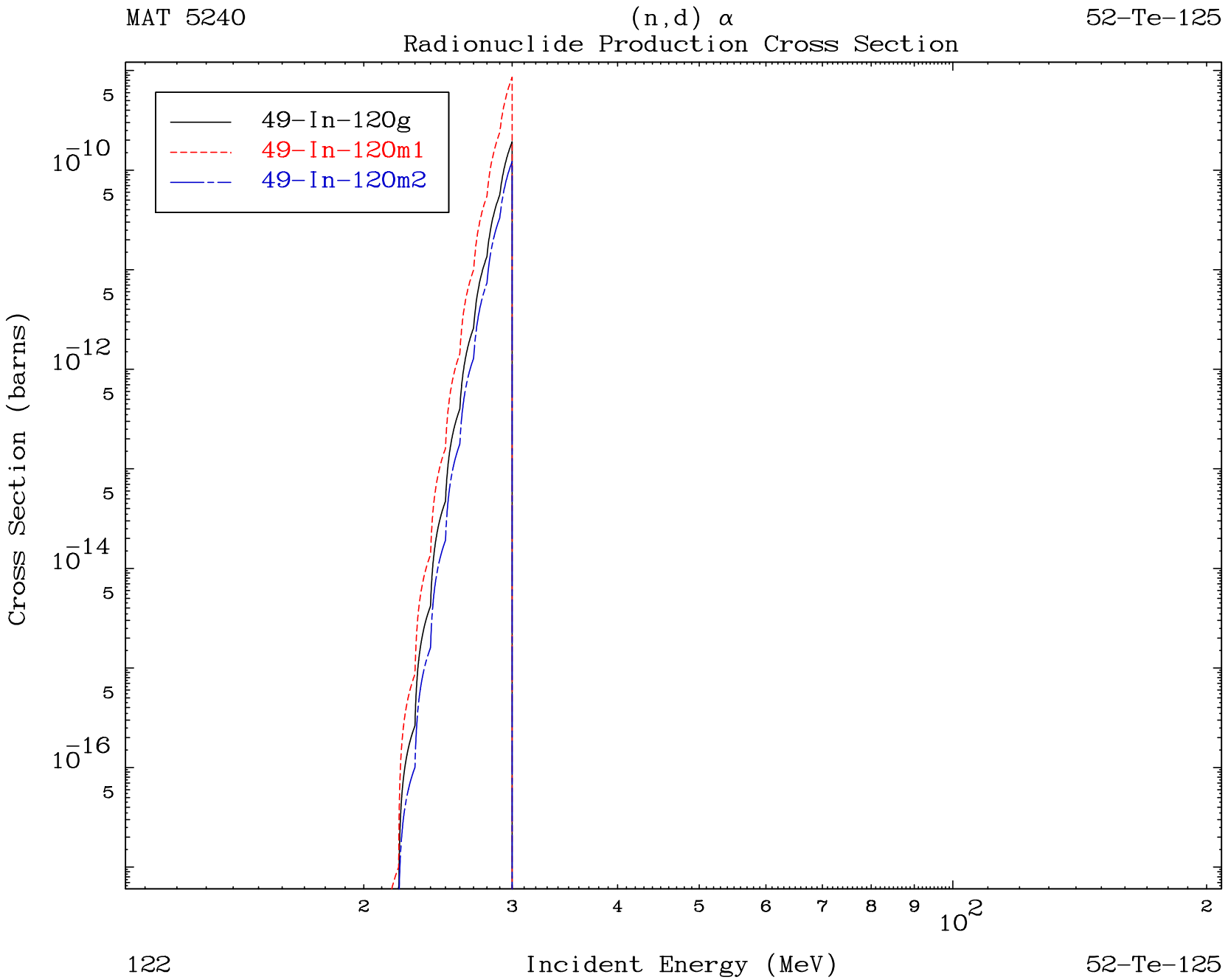

MAT 5240
(n,n') p α
52-Te-125
Radionuclide Production Cross Section
49-In-120g
49-In-120m1
49-In-120m2
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
6
7
8
9
10 2
Incident Energy (MeV)
117
52-Te-125


MAT 5240
(n,d)
52-Te-125
Radionuclide Production Cross Section
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^-10
51-Sb-124g
51-Sb-124m1
51-Sb-124m2
7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
118
52-Te-125


MAT 5240
(n,He-3)
52-Te-125
Radionuclide Production Cross Section
50-Sn-123g
50-Sn-123m1
Cross Section (barns)
Incident Energy (MeV)
119
52-Te-125


MAT 5240
(n,p) α
52-Te-125
Radionuclide Production Cross Section
49-In-121g
49-In-121m1
Cross Section (barns)
Incident Energy (MeV)
120
52-Te-125


MAT 5240
(n,p) d
52-Te-125
Radionuclide Production Cross Section
50-Sn-123g
50-Sn-123m1
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10 2
2
121
Incident Energy (MeV)
52-Te-125


MAT 5240
(n,d) α
52-Te-125
Radionuclide Production Cross Section
49-In-120g
49-In-120m1
49-In-120m2
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
2
3
4
5
6
7
8
9
10^2
122
Incident Energy (MeV)
52-Te-125