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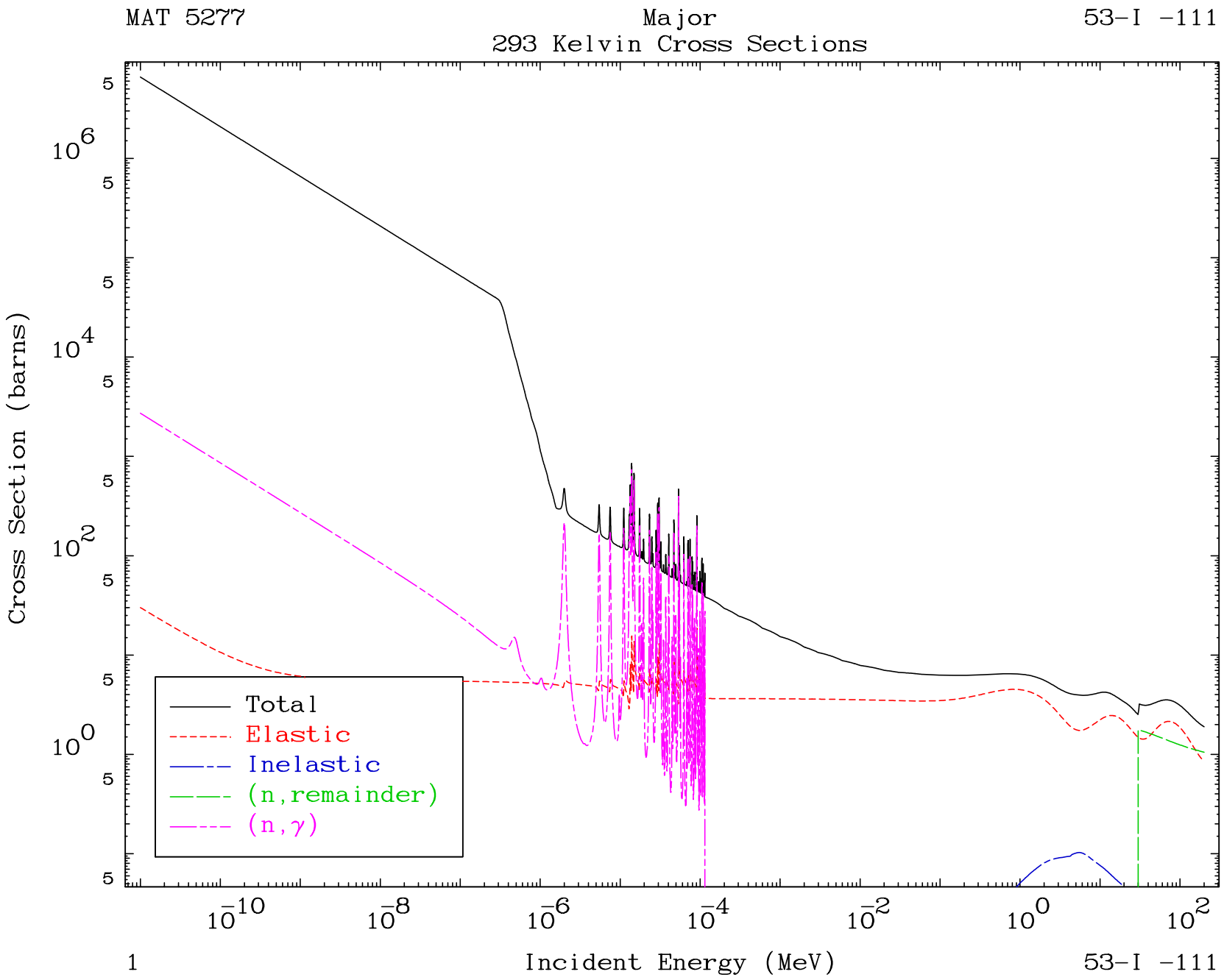
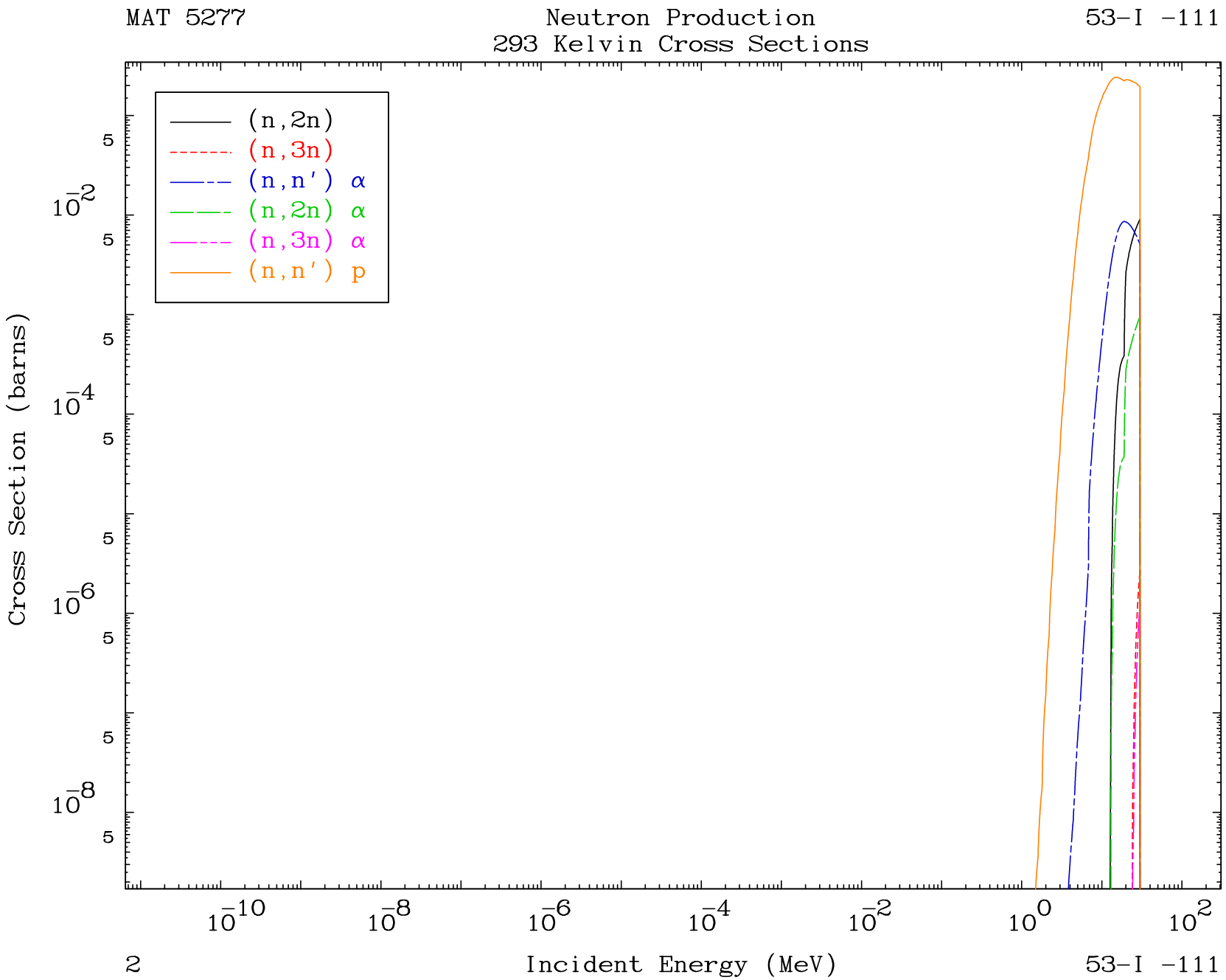
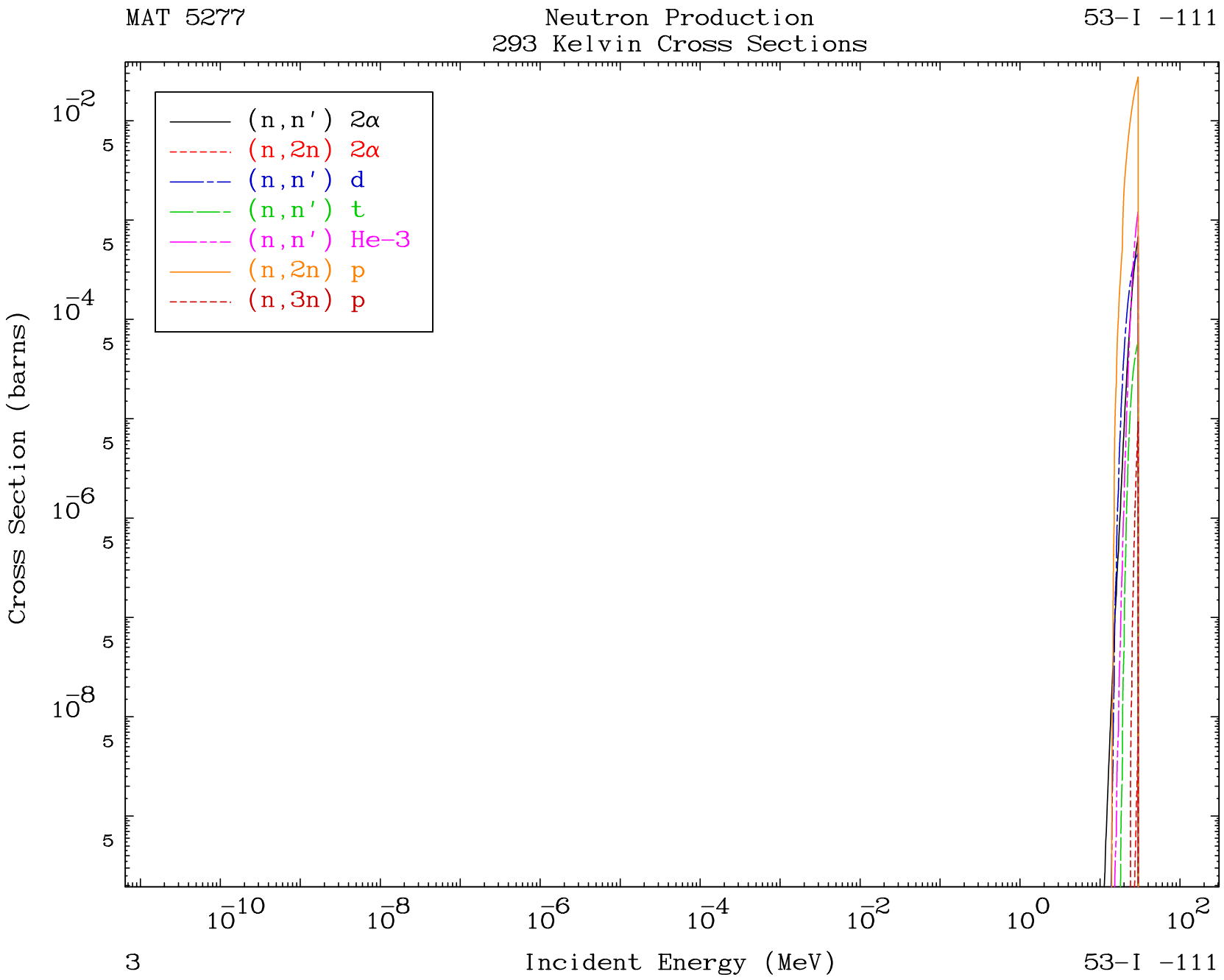
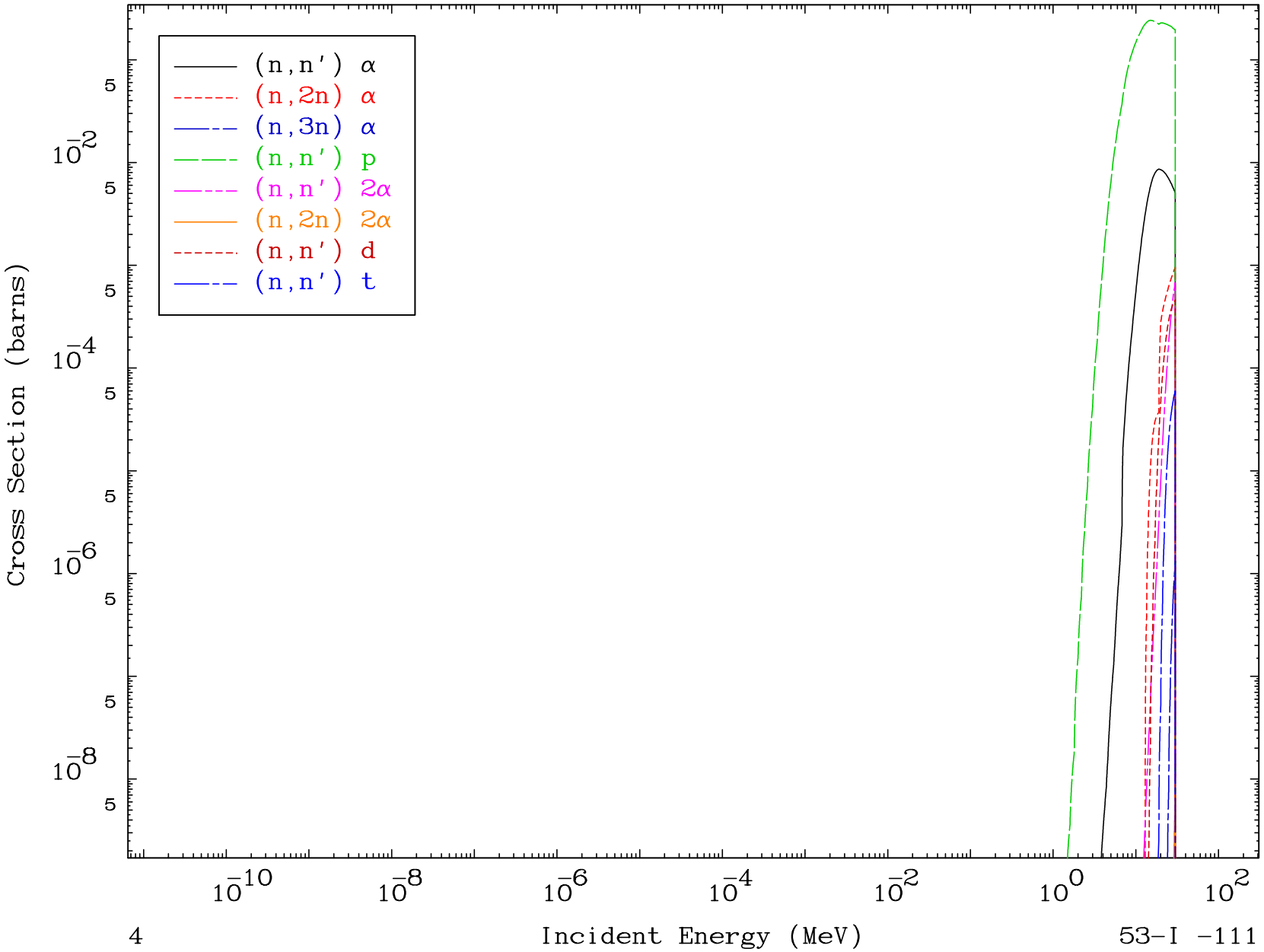
Press Mouse Button to Start


MAT 5277
Major
53-I -111
293 Kelvin Cross Sections
Cross Section (barns)
Incident Energy (MeV)
Total
Elastic
Inelastic
(n,remainder)
(n,γ)
1
53-I -111

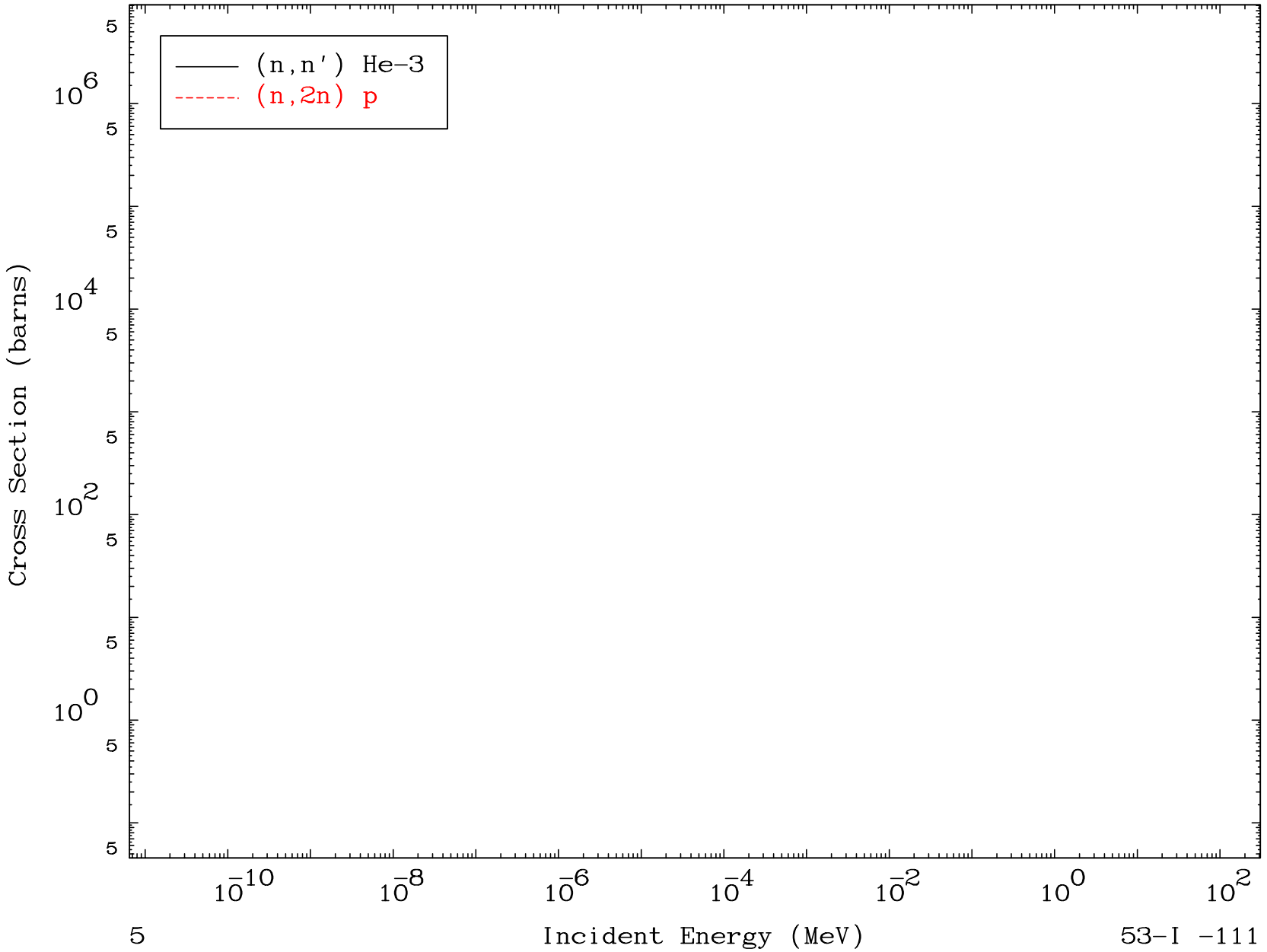

MAT 5277
Neutron Production
293 Kelvin Cross Sections
53-I -111
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
Cross Section (barns)
Incident Energy (MeV)
2
53-I -111

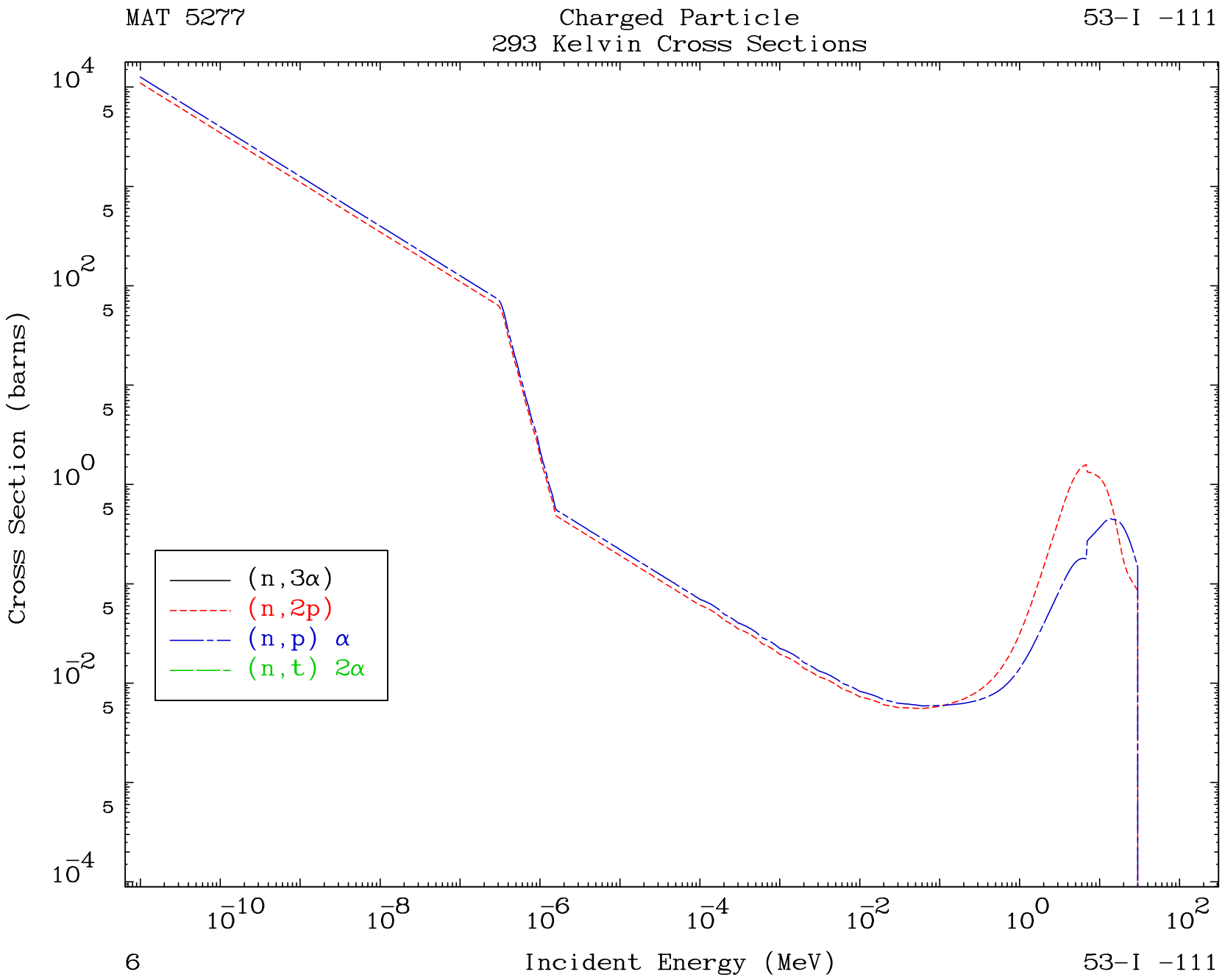

MAT 5277
Neutron Production
293 Kelvin Cross Sections
53-I -111
(n,n') 2α
(n,2n) 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
53-I -111

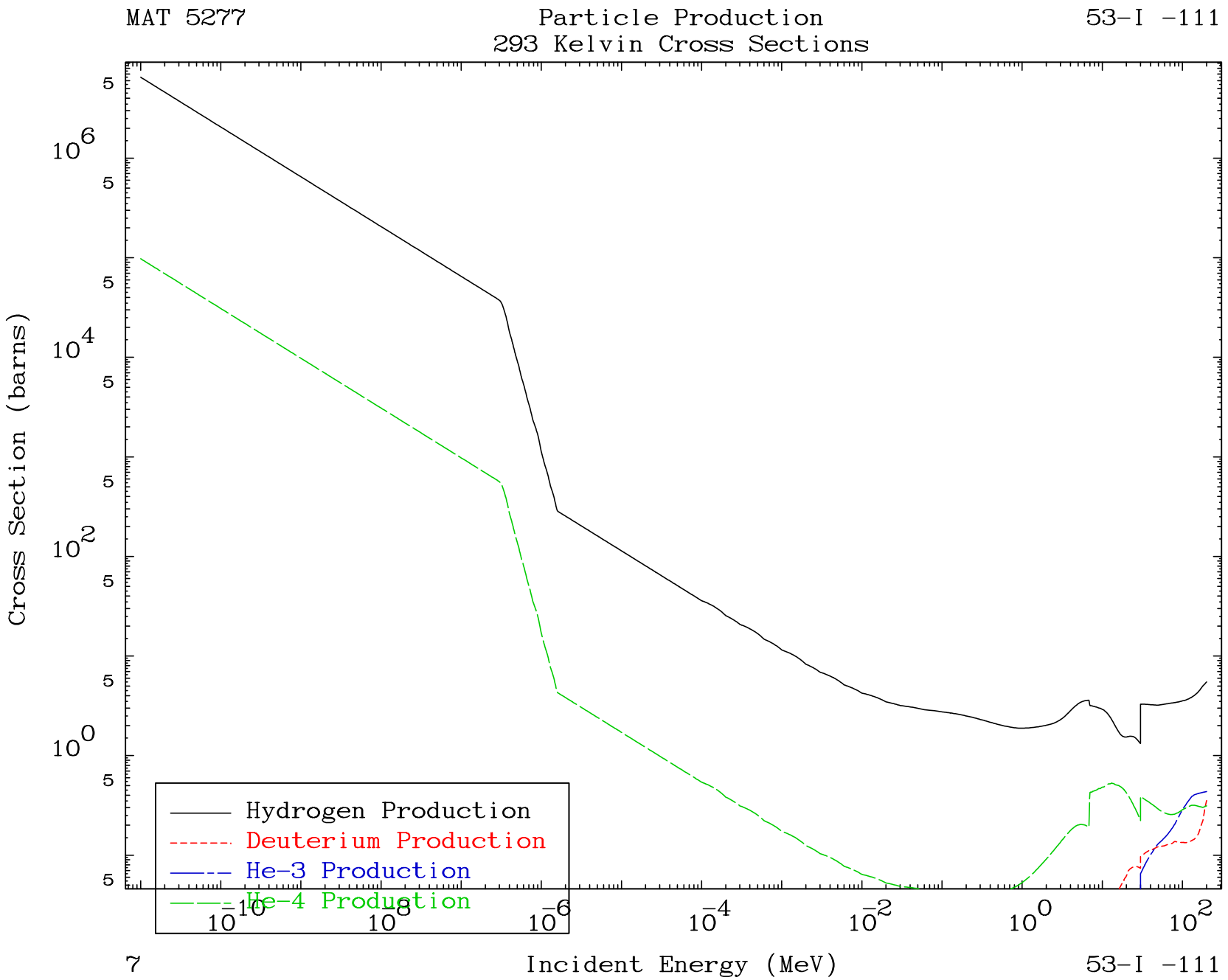
293 Kelvin Cross Sections

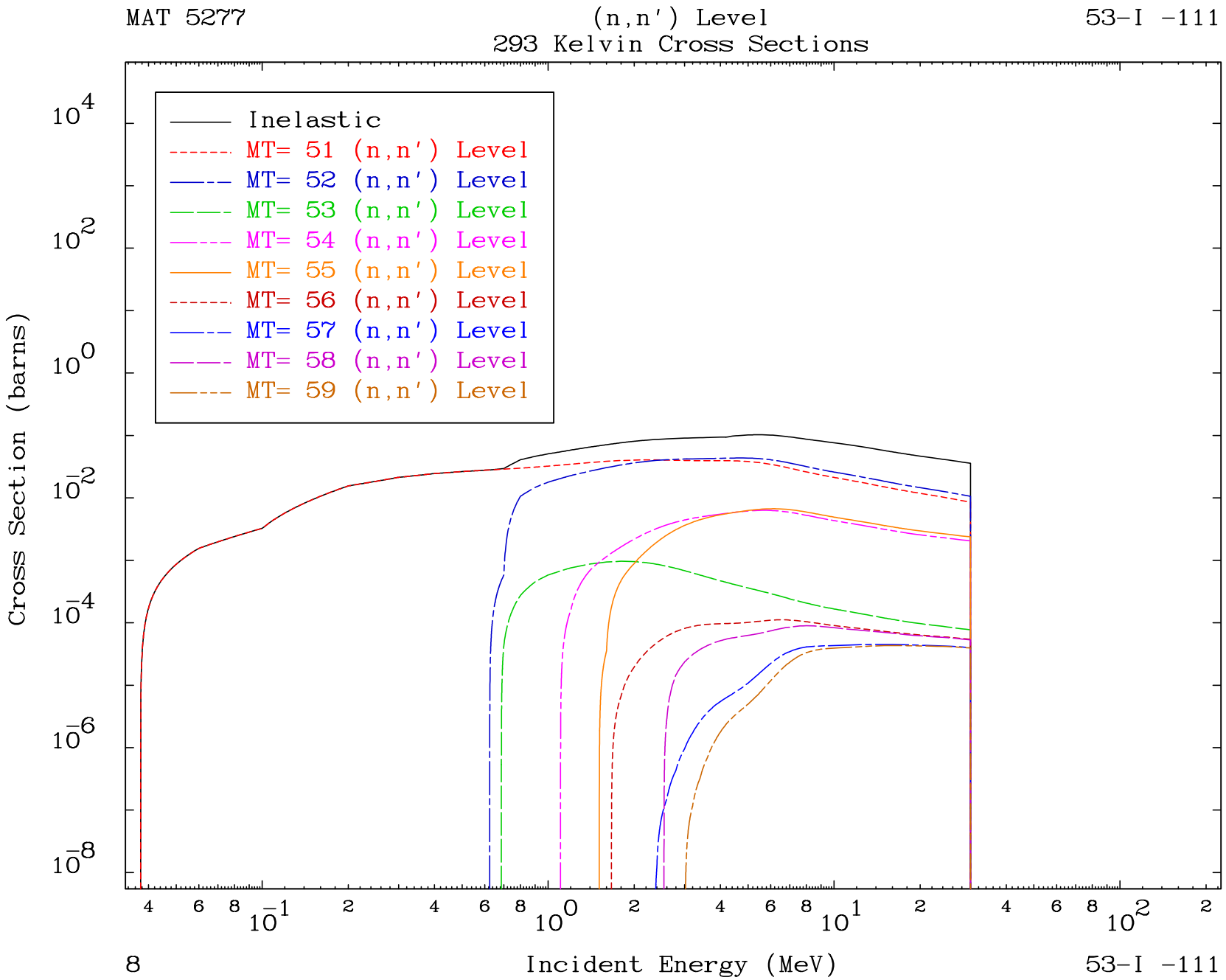


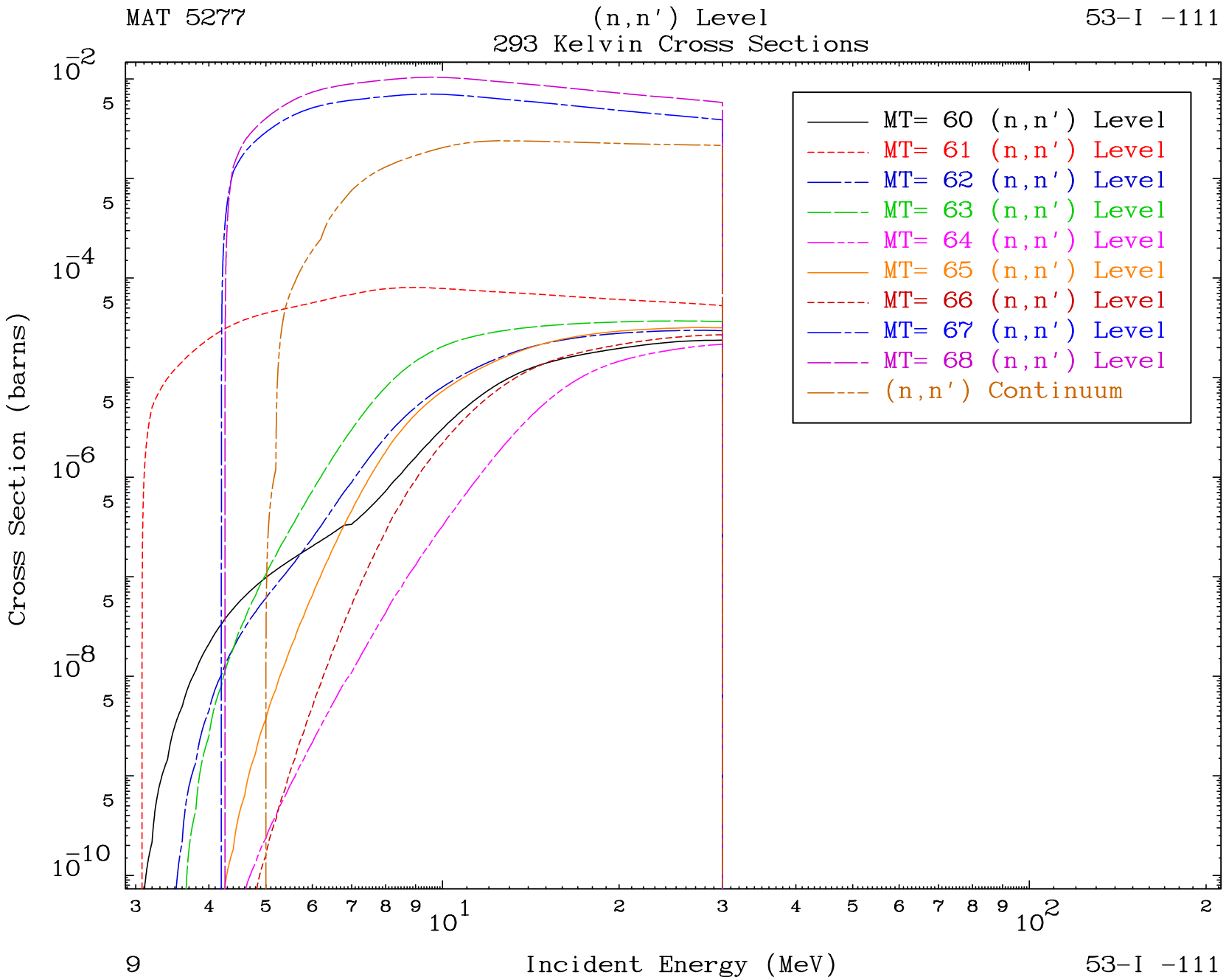
293 Kelvin Cross Sections

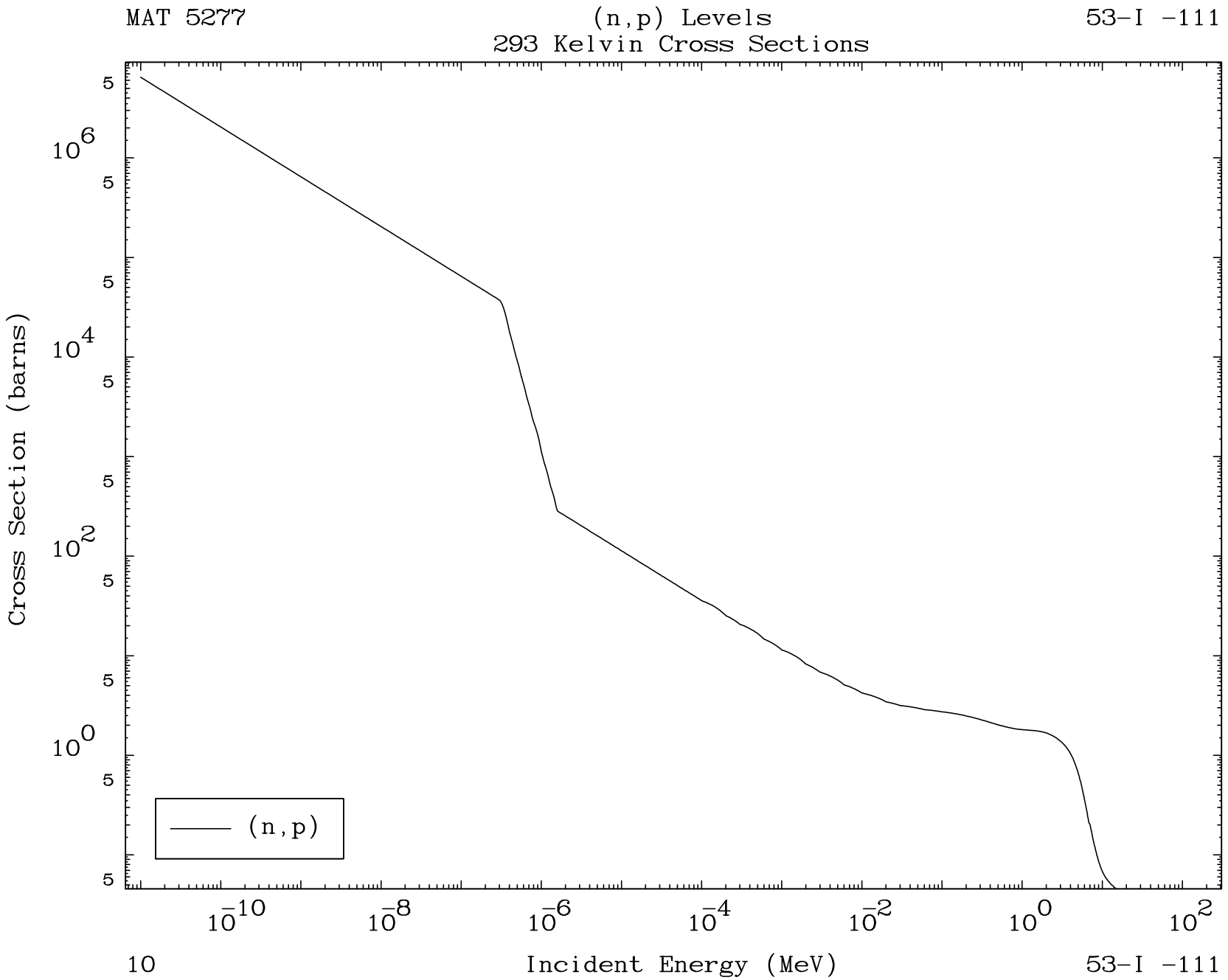


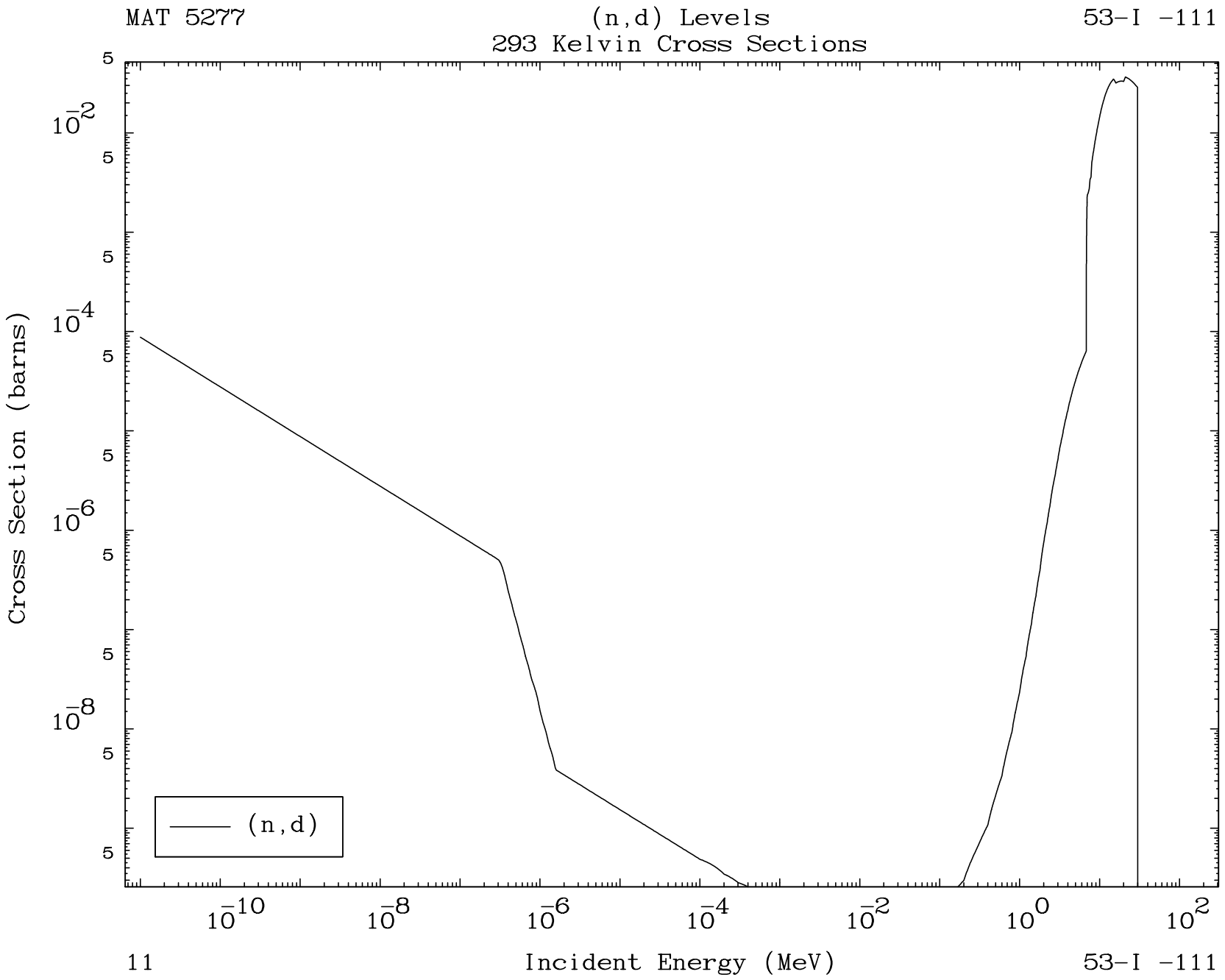

MAT 5277
Charged Particle
53-I -111
293 Kelvin Cross Sections
Cross Section (barns)
Incident Energy (MeV)
(n,3α)
(n,2p)
(n,p) α
(n,t) 2α
6
53-I -111


MAT 5277
Particle Production
53-I -111
293 Kelvin Cross Sections
Cross Section (barns)
Incident Energy (MeV)
Hydrogen Production
Deuterium Production
He-3 Production
He-4 Production
53-I -111

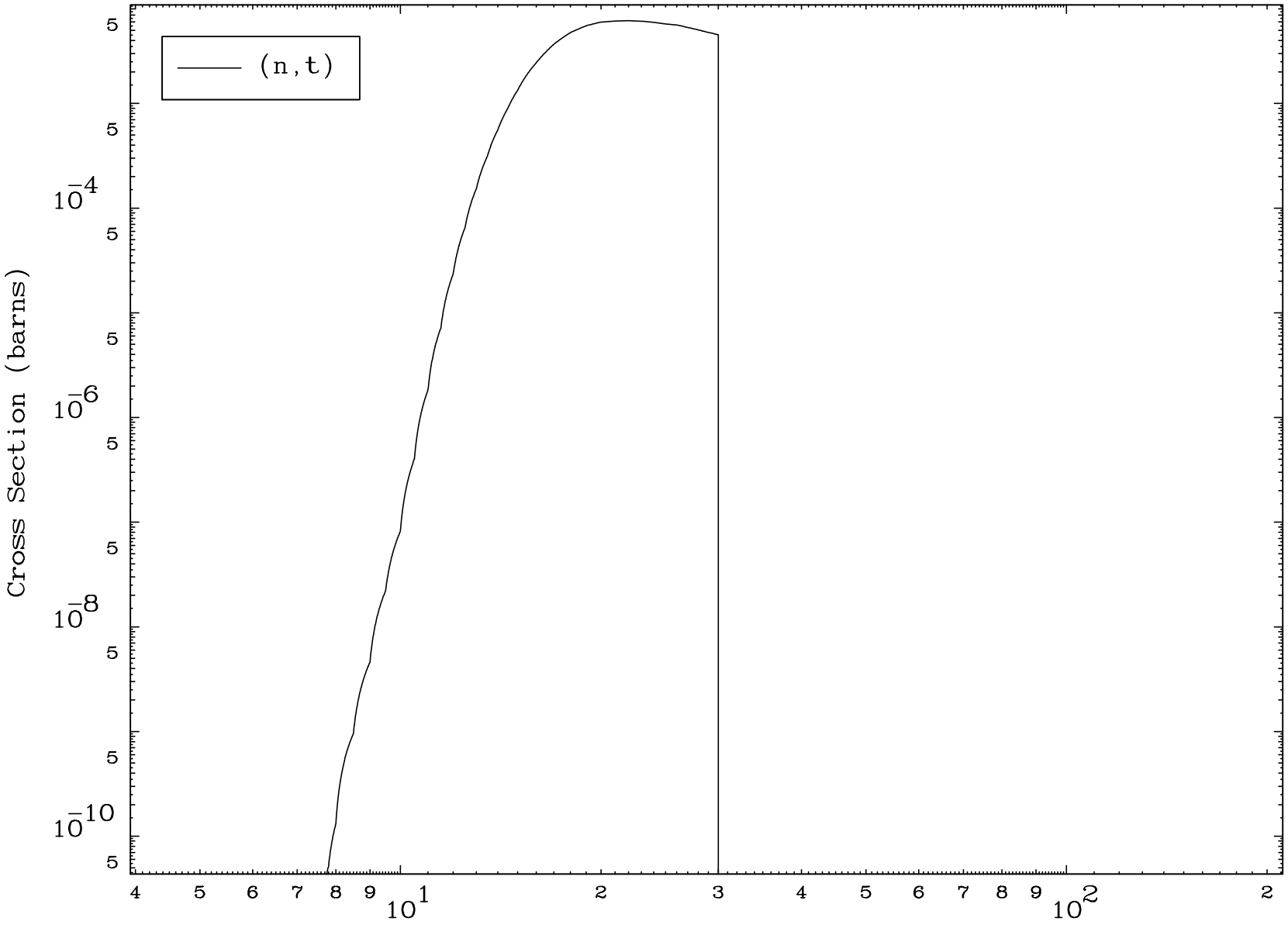

MAT 5277
(n,n') Level
53-I -111
293 Kelvin Cross Sections
Inelastic
MT= 51 (n,n') Level
MT= 52 (n,n') Level
MT= 53 (n,n') Level
MT= 54 (n,n') Level
MT= 55 (n,n') Level
MT= 56 (n,n') Level
MT= 57 (n,n') Level
MT= 58 (n,n') Level
MT= 59 (n,n') Level
Cross Section (barns)
Incident Energy (MeV)
8
53-I -111


MAT 5277
(n,n') Level
53-I -111
293 Kelvin Cross Sections
Cross Section (barns)
Incident Energy (MeV)
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
MT= 67 (n,n') Level
MT= 68 (n,n') Level
(n,n') Continuum
9
53-I -111

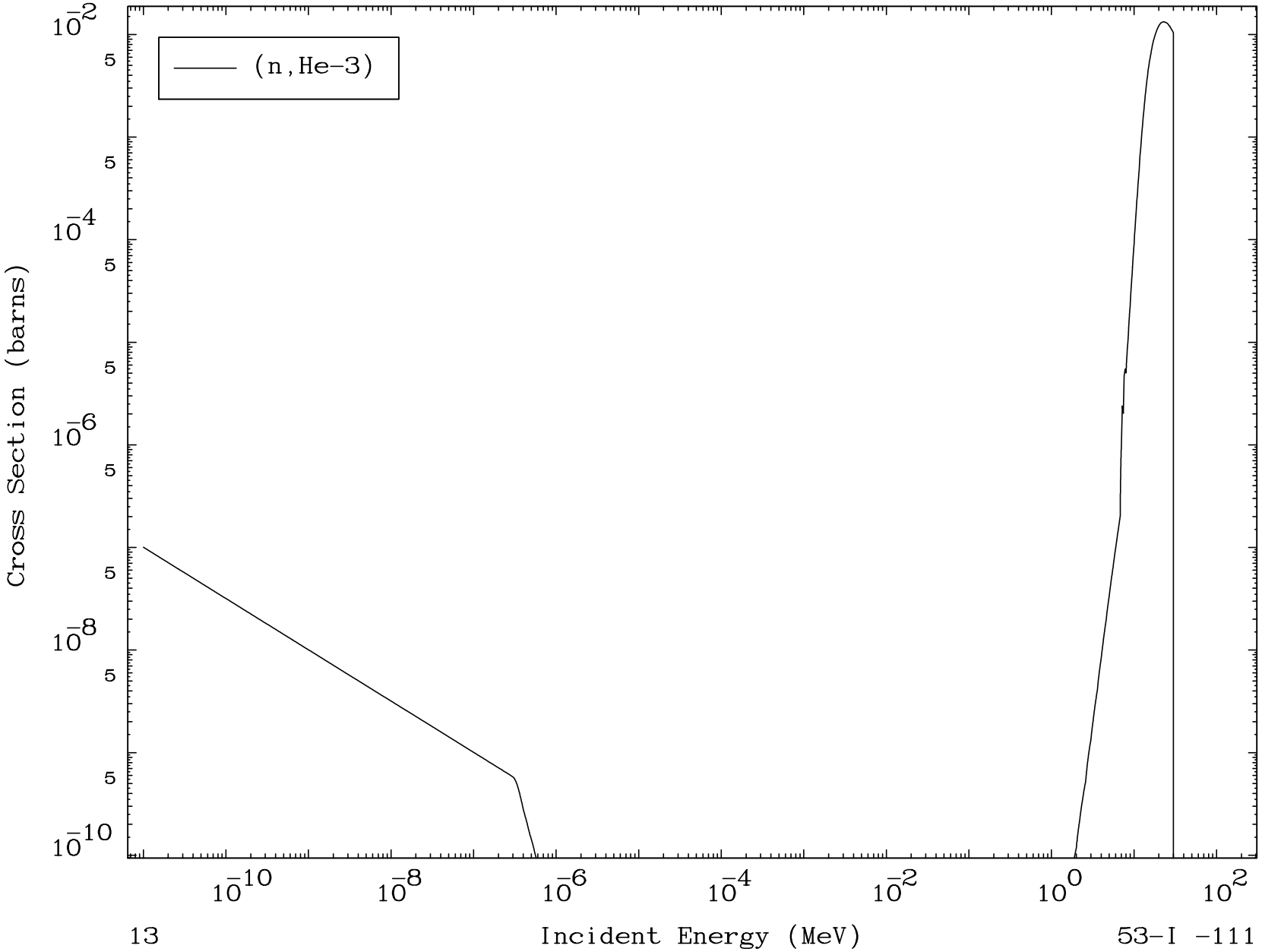

MAT 5277
(n,p) Levels
53-I -111
293 Kelvin Cross Sections
Cross Section (barns)
10^6
10^4
10^2
10^0
(n,p)
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
Incident Energy (MeV)
53-I -111


MAT 5277
(n,d) Levels
53-I -111
293 Kelvin Cross Sections
Cross Section (barns)
10-2
10-4
10-6
10-8
(n,d)
10-10
10-8
10-6
10-4
10-2
100
102
11
Incident Energy (MeV)
53-I -111

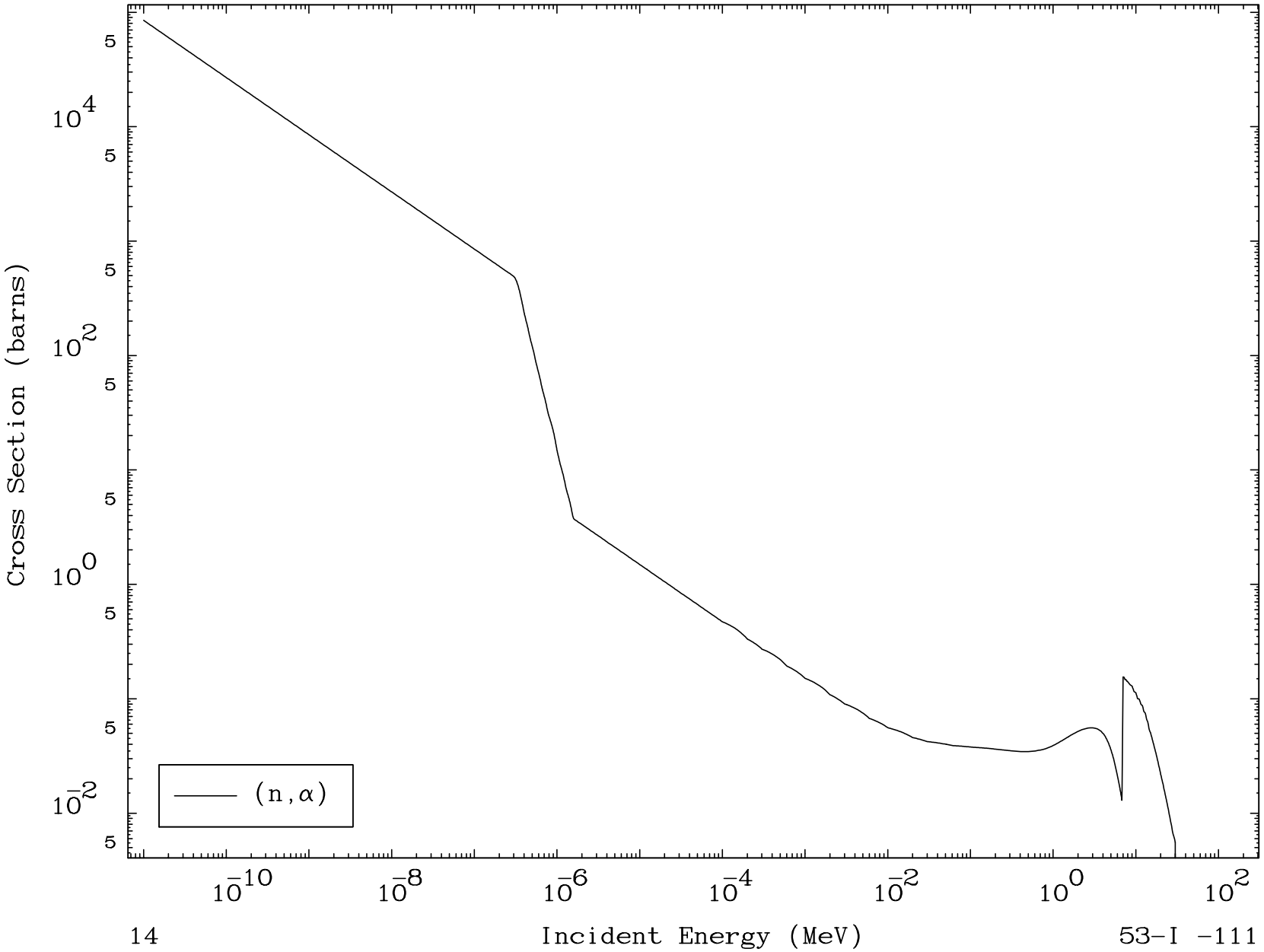
293 Kelvin Cross Sections

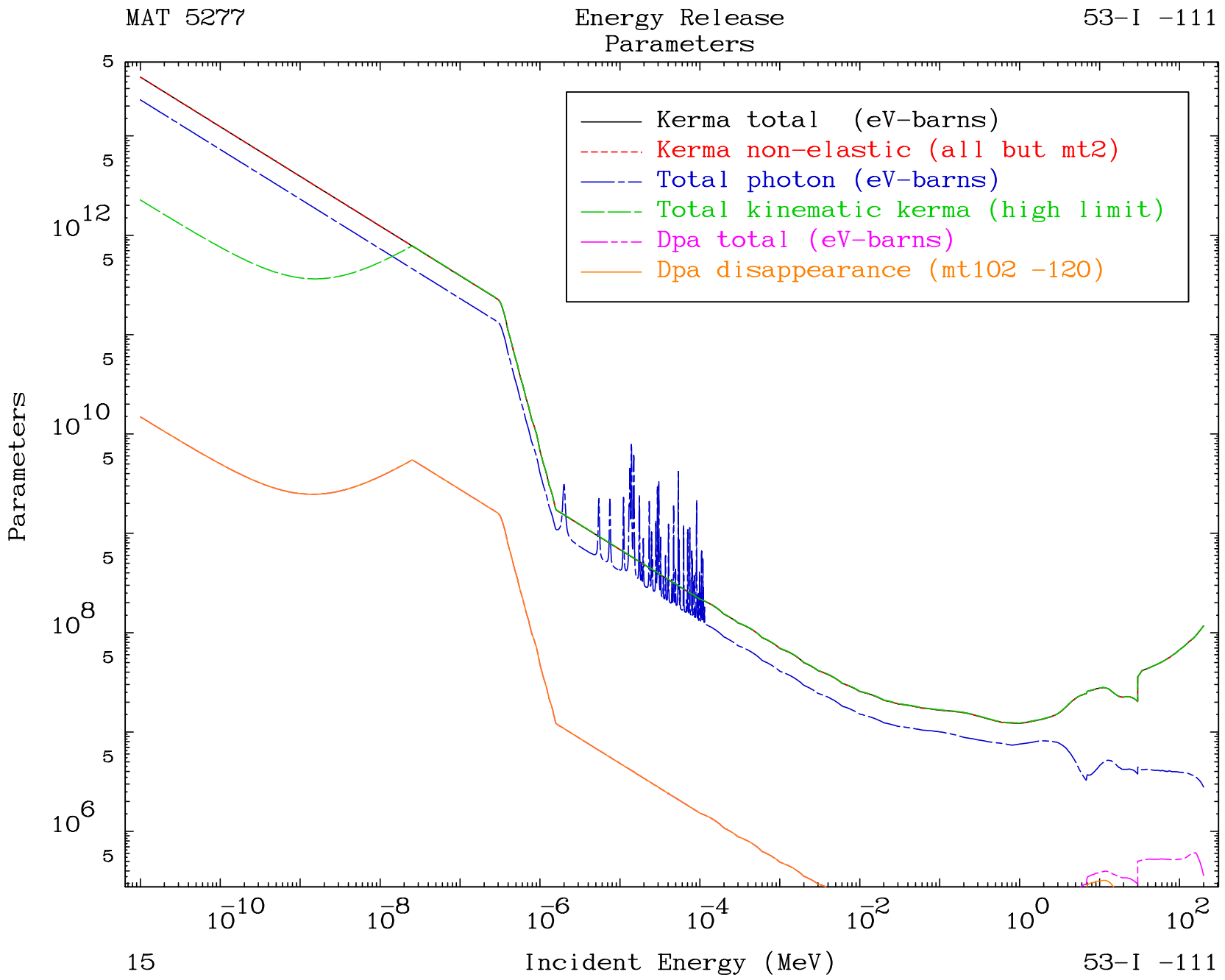


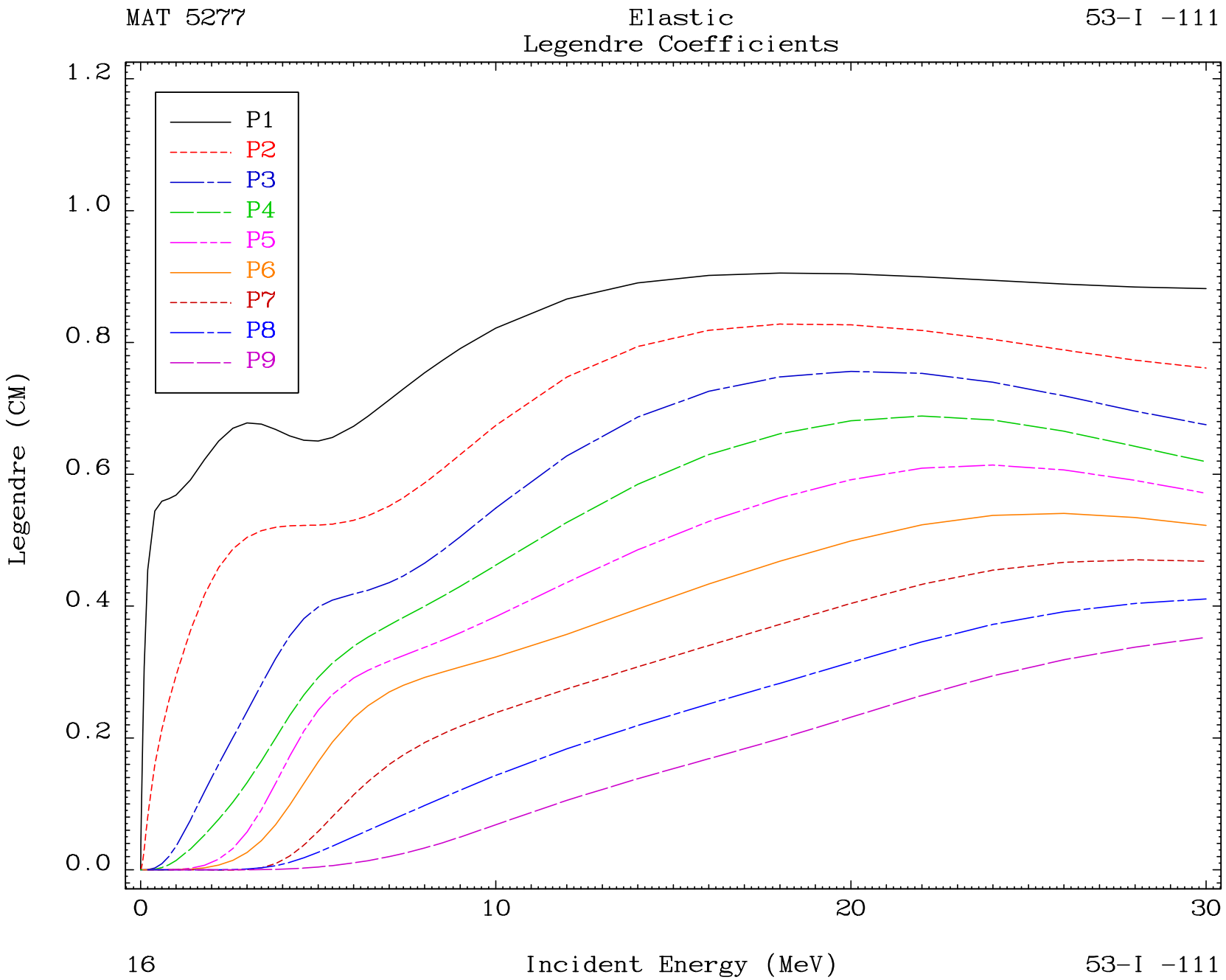
293 Kelvin Cross Sections

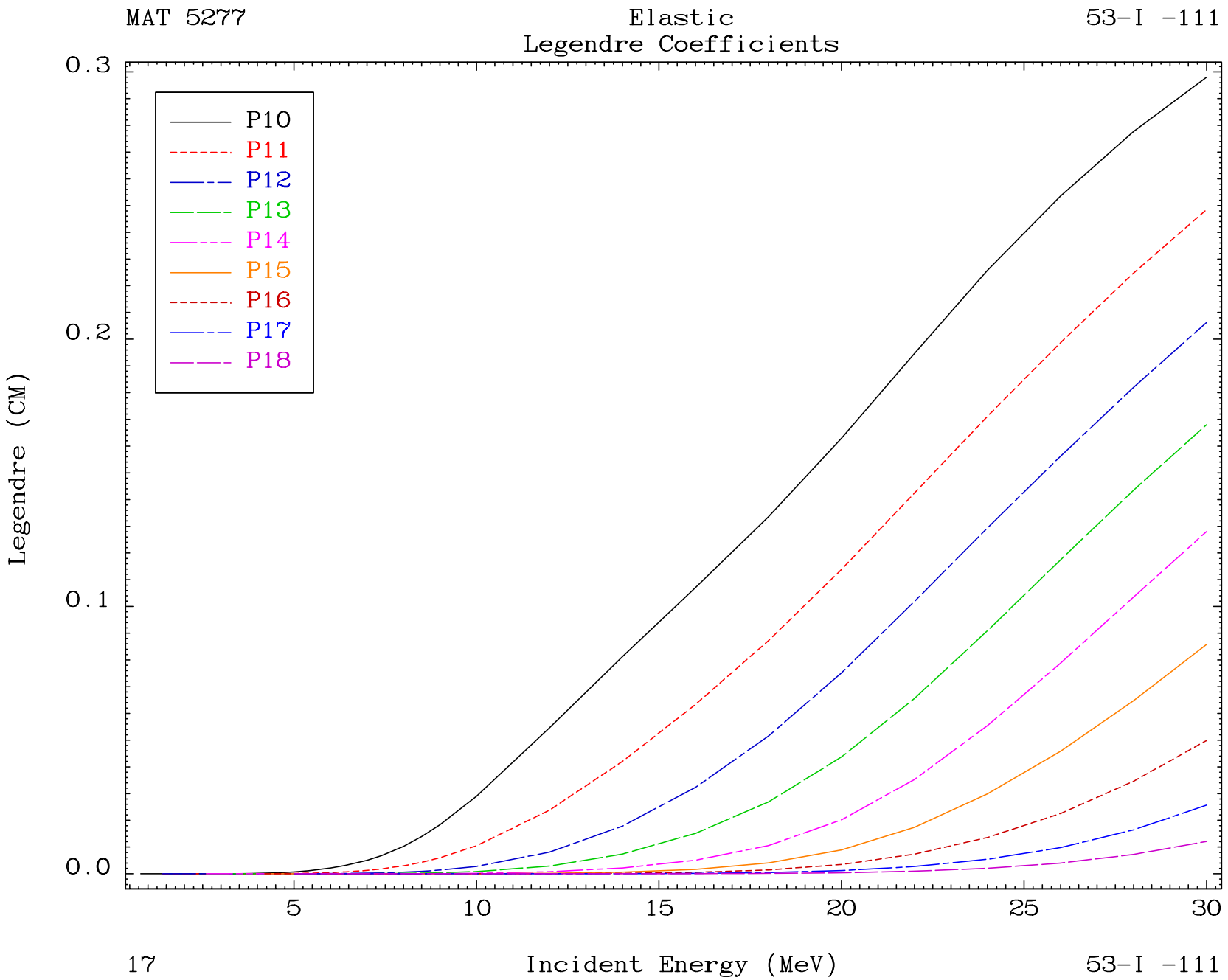


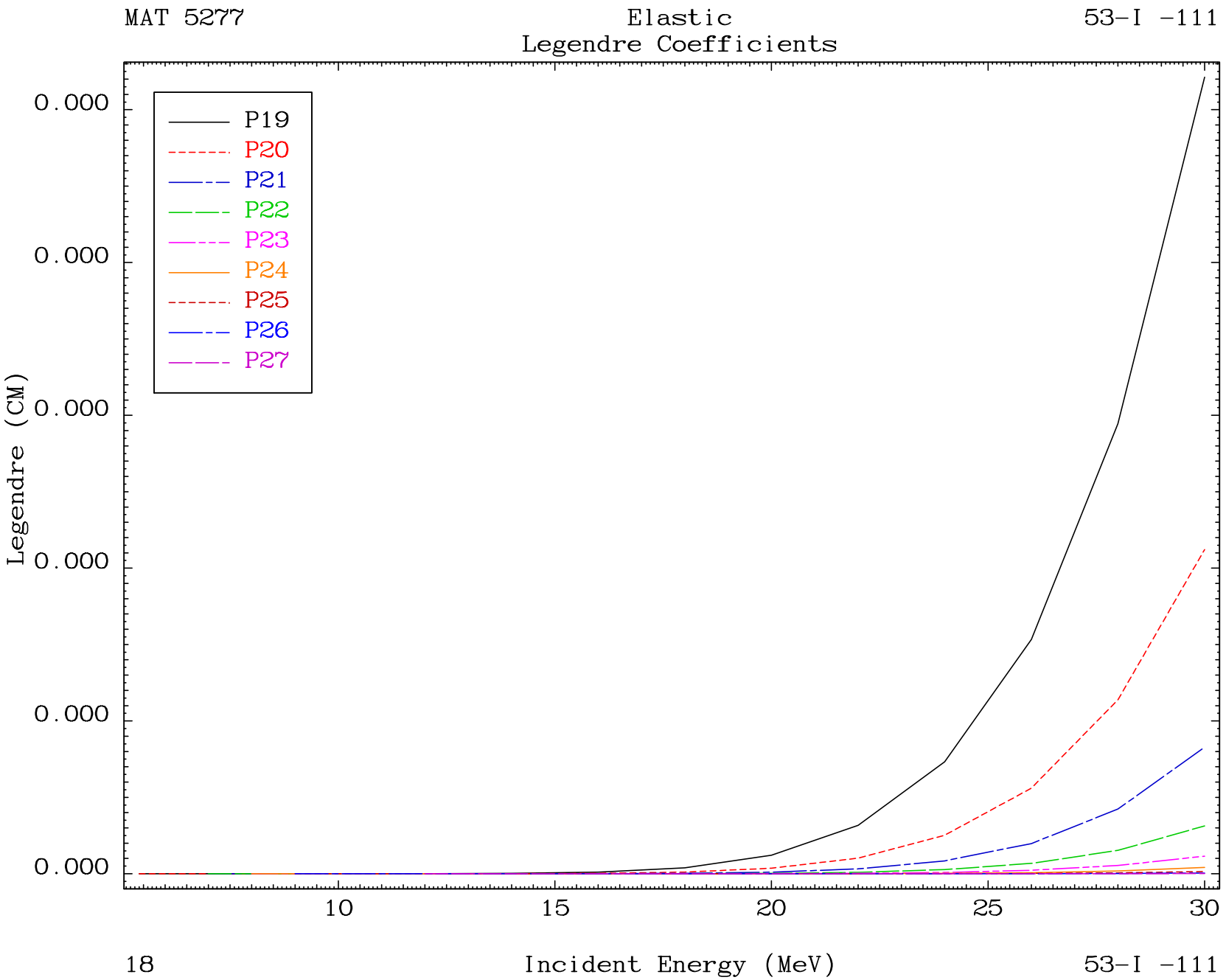
293 Kelvin Cross Sections

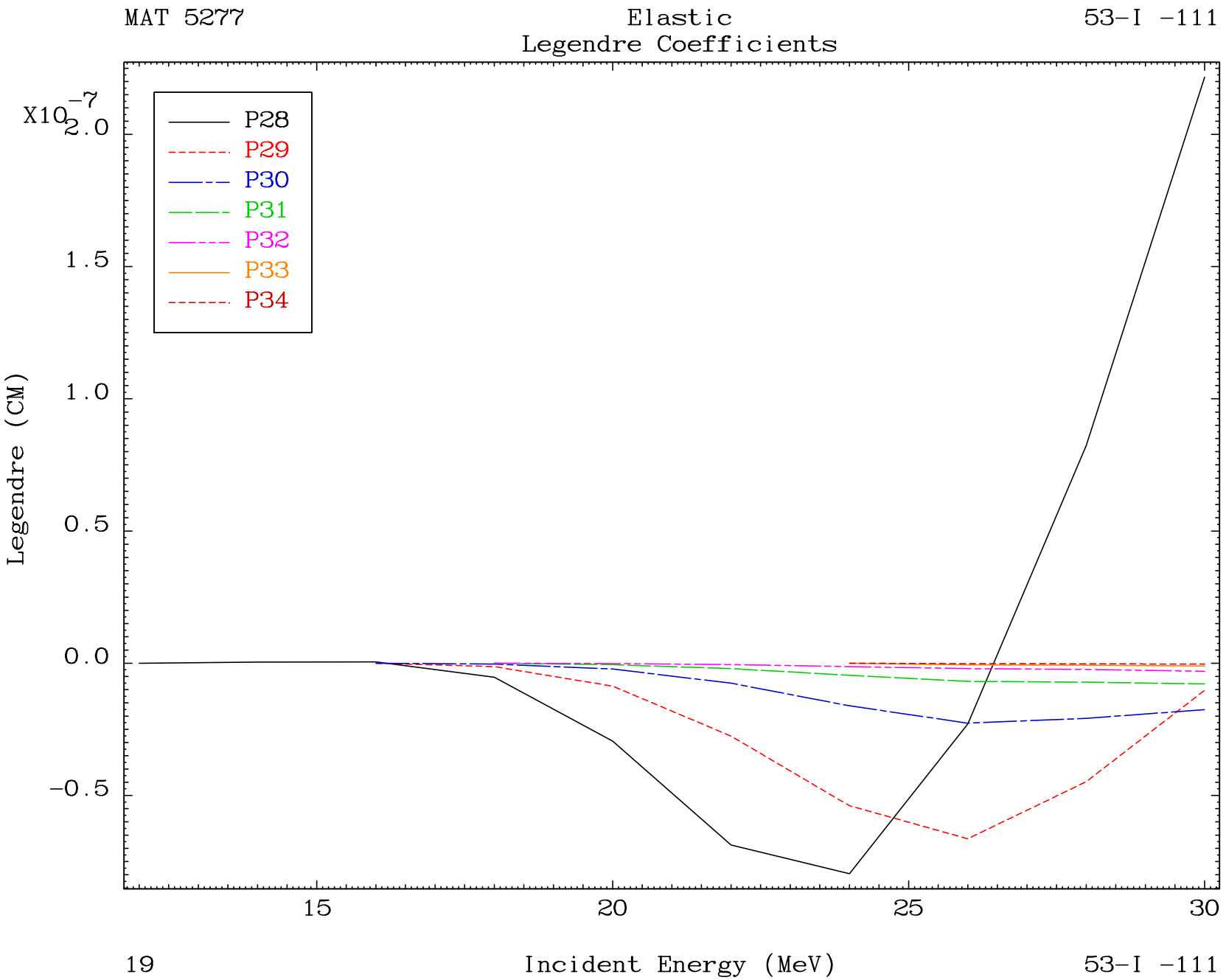


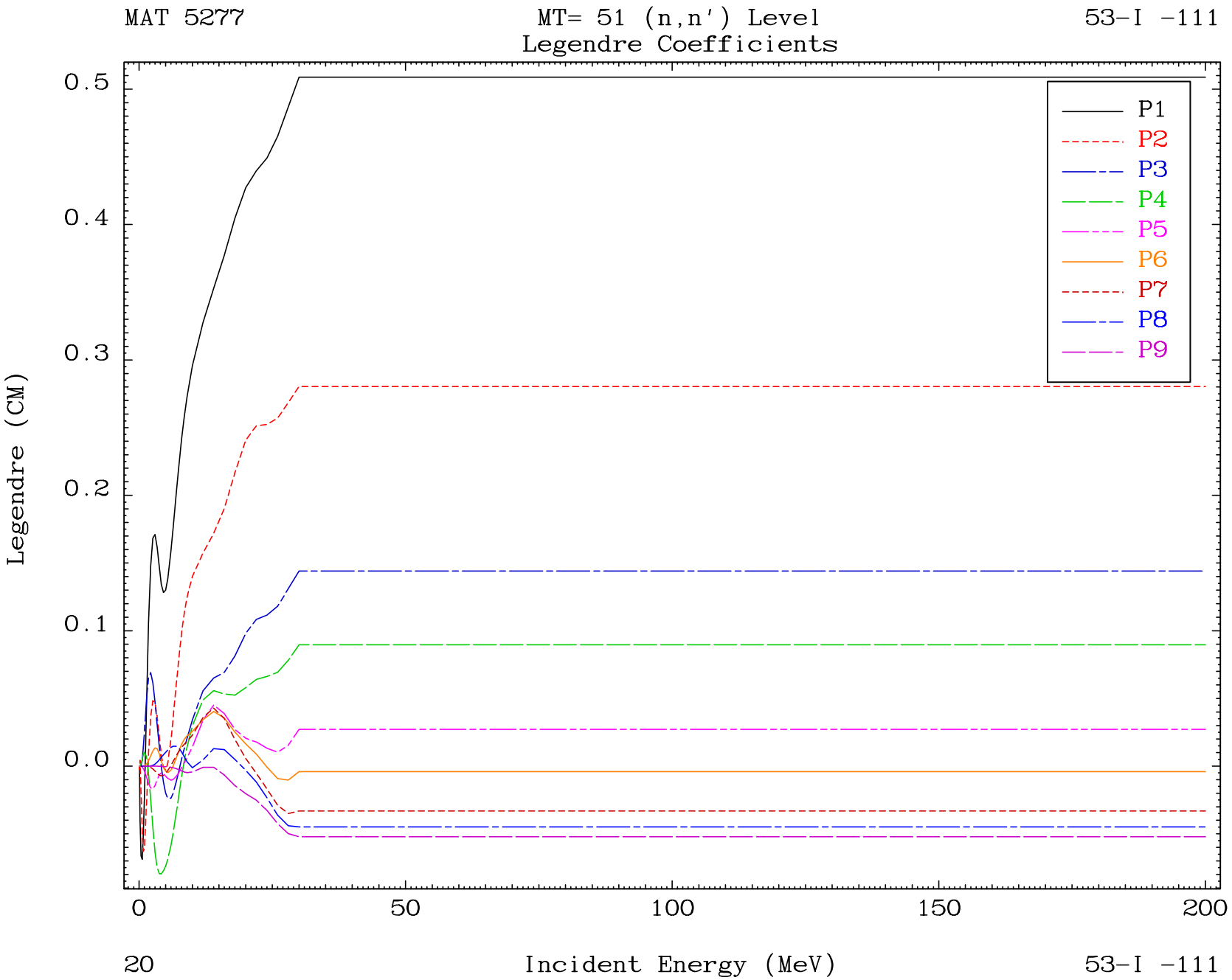

MAT 5277
Energy Release
Parameters
53-I -111
Kerma total (eV-barns)
Kerma non-elastic (all but mt2)
Total photon (eV-barns)
Total kinematic kerma (high limit)
Dpa total (eV-barns)
Dpa disappearance (mt102 -120)
Parameters
Incident Energy (MeV)
15
53-I -111

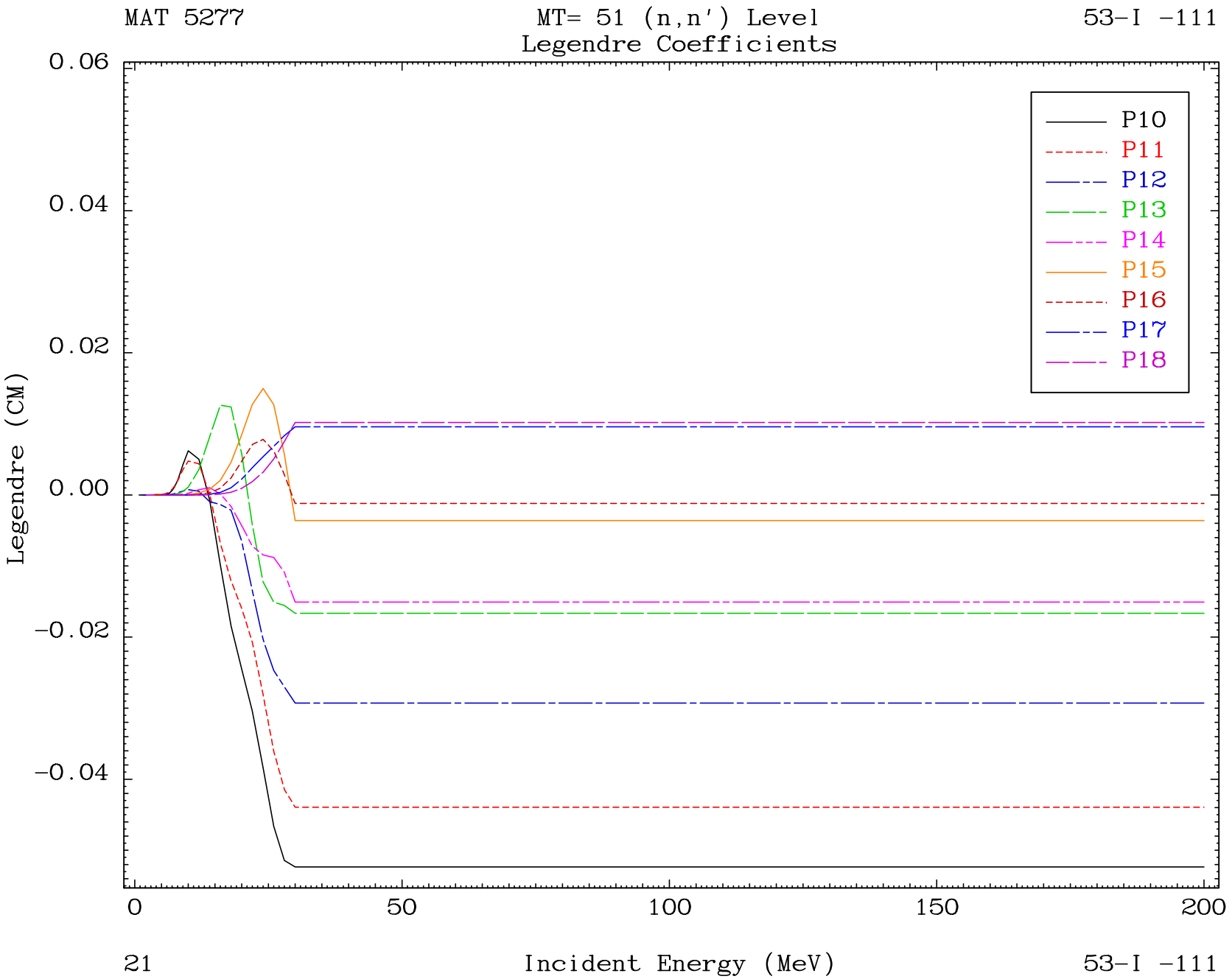

MAT 5277
Elastic
Legendre Coefficients
53-I -111
P1
P2
P3
P4
P5
P6
P7
P8
P9
Legendre (CM)
1.2
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
16
Incident Energy (MeV)
53-I -111

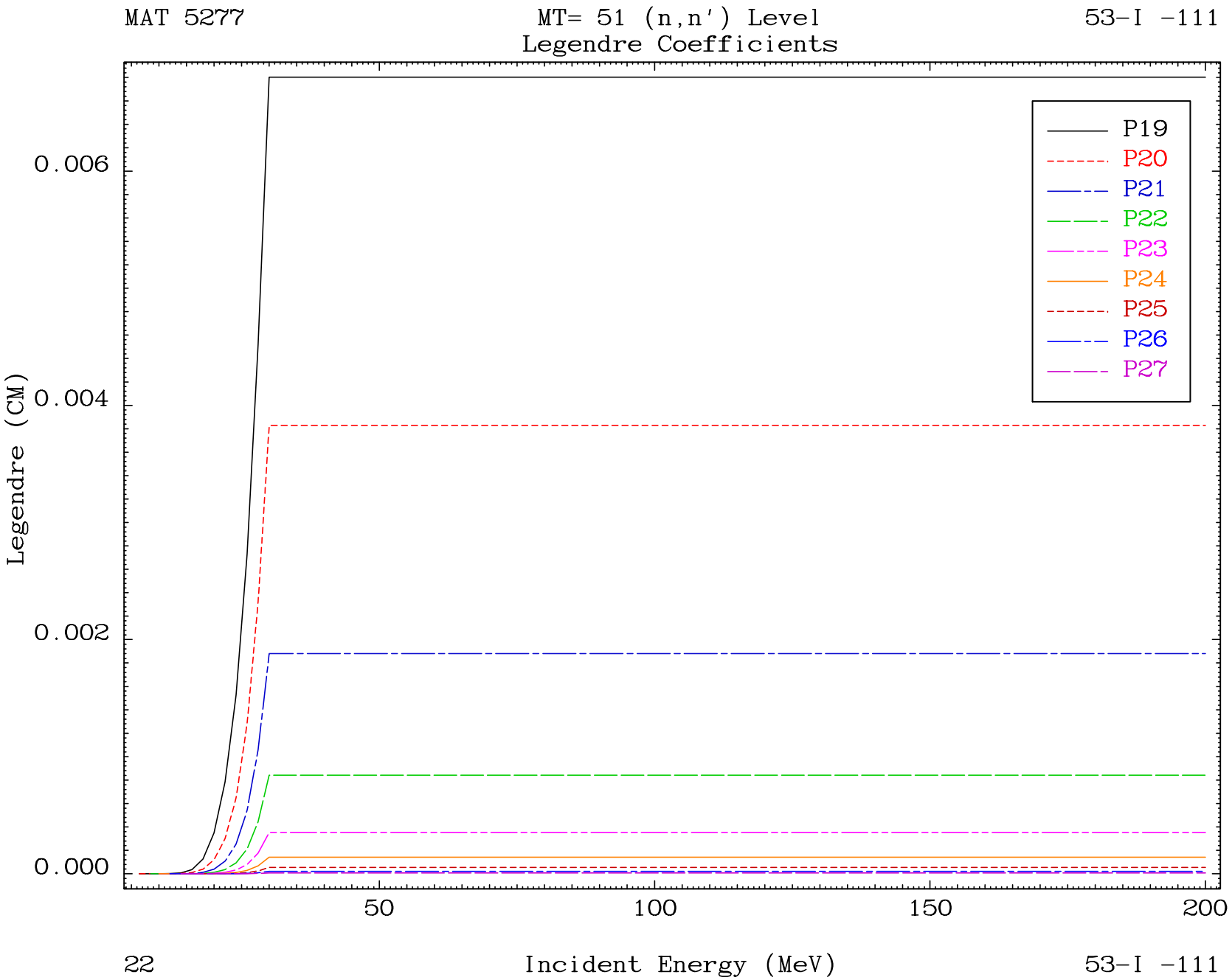

MAT 5277
Elastic
Legendre Coefficients
53-I -111
P10
P11
P12
P13
P14
P15
P16
P17
P18
0.3
0.2
0.1
0.0
Legendre (CM)
5
10
15
20
25
30
17
Incident Energy (MeV)
53-I -111

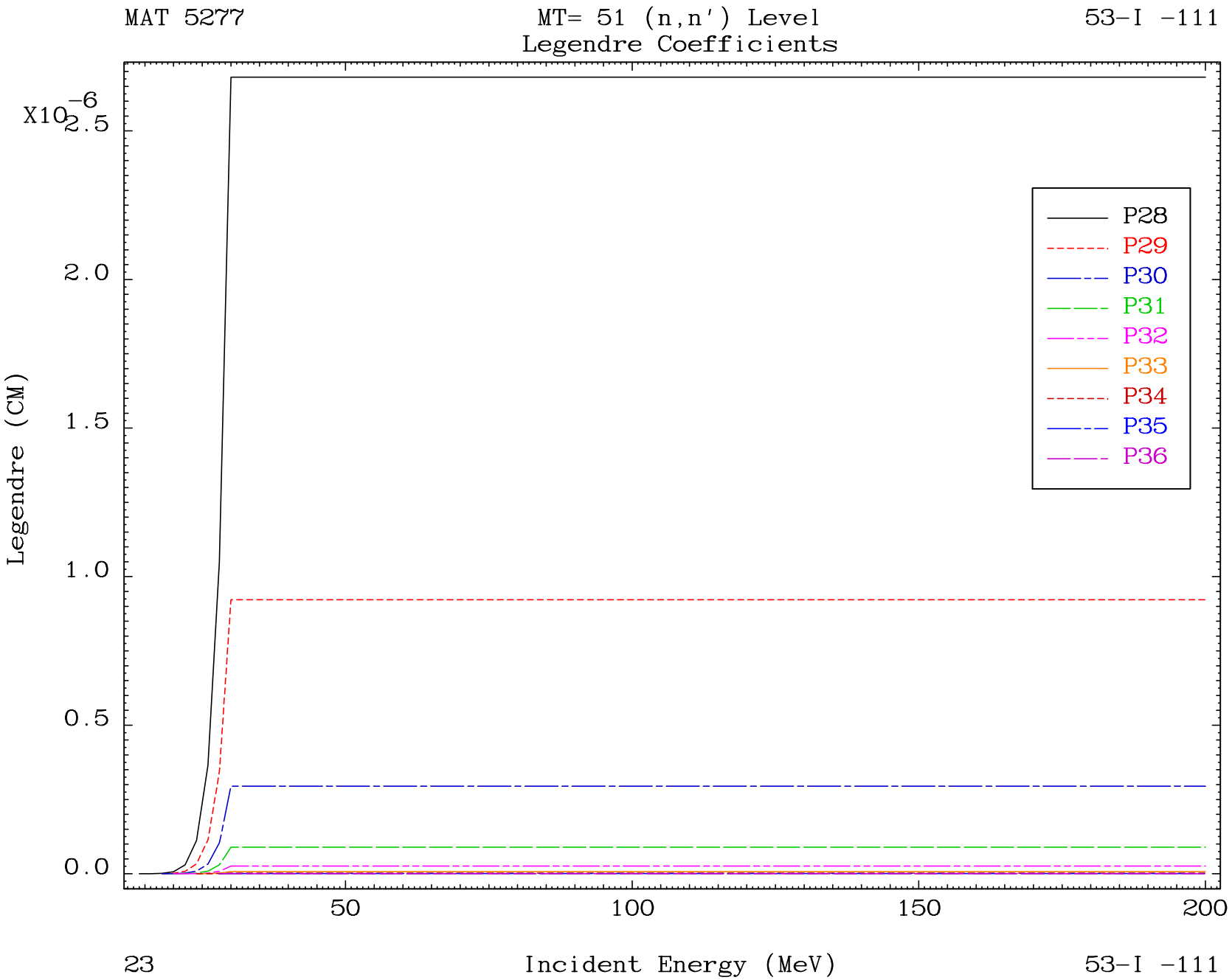

MAT 5277
Elastic
Legendre Coefficients
53-I -111
P19
P20
P21
P22
P23
P24
P25
P26
P27
0.000
0.000
0.000
0.000
0.000
Legendre (CM)
10
15
20
25
30
18
Incident Energy (MeV)
53-I -111

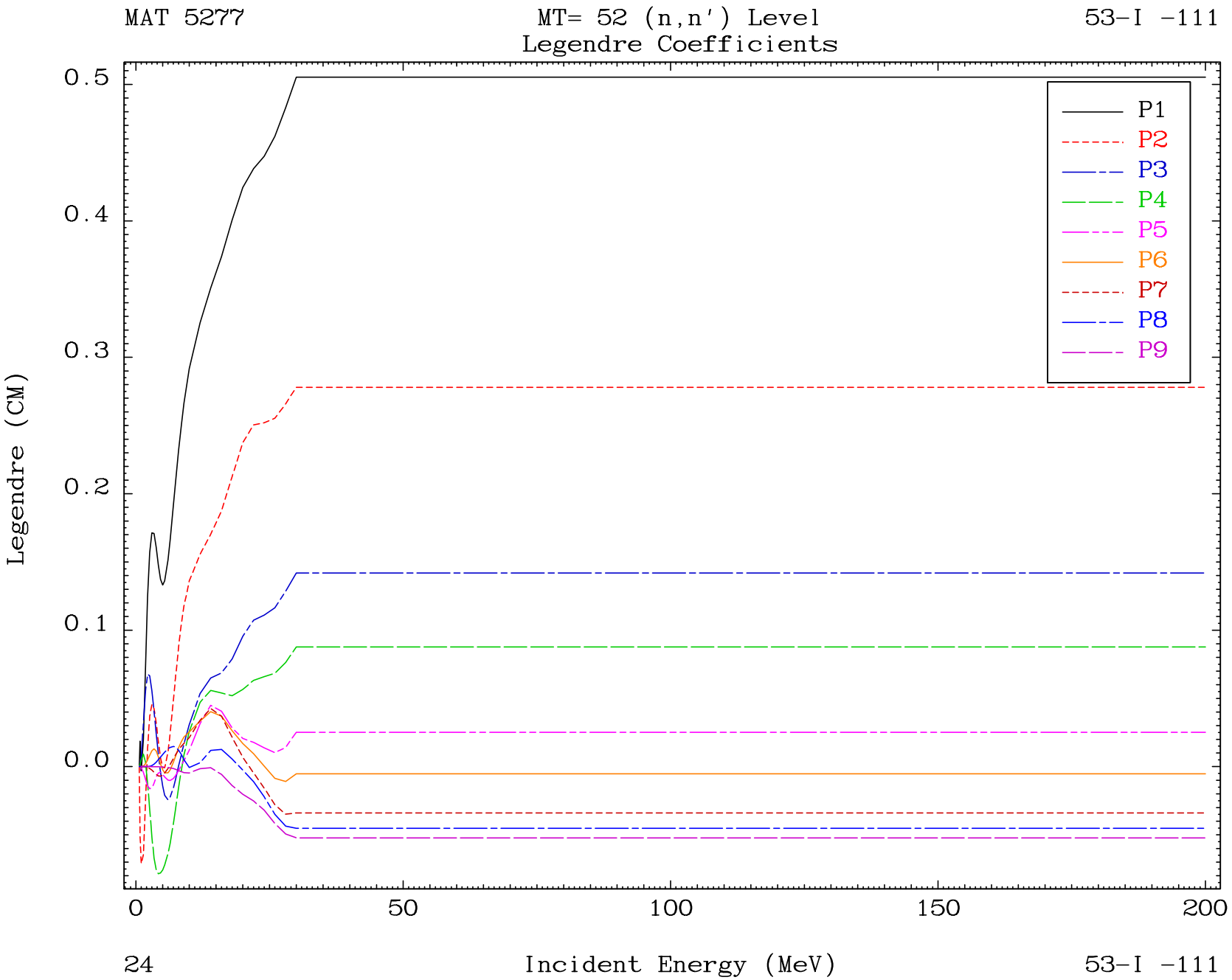

MAT 5277
Elastic
Legendre Coefficients
53-I -111
X10-7
2.0
1.5
1.0
0.5
0.0
-0.5
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
15
20
25
30
19
Incident Energy (MeV)
53-I -111

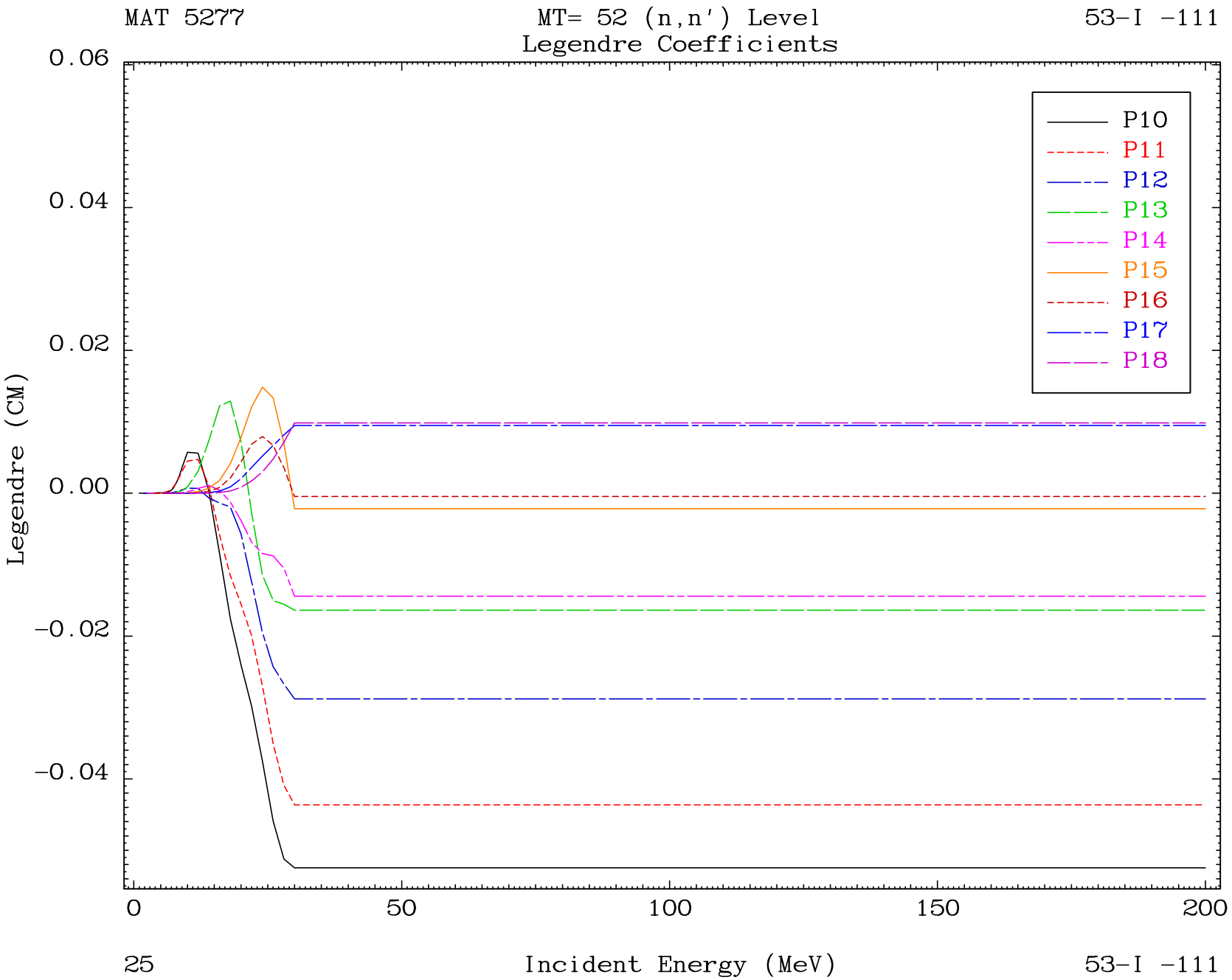

MAT 5277
MT= 51 (n,n') Level
Legendre Coefficients
53-I -111
0.5
0.4
0.3
0.2
0.1
0.0
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
0
50
100
150
200
20
Incident Energy (MeV)
53-I -111

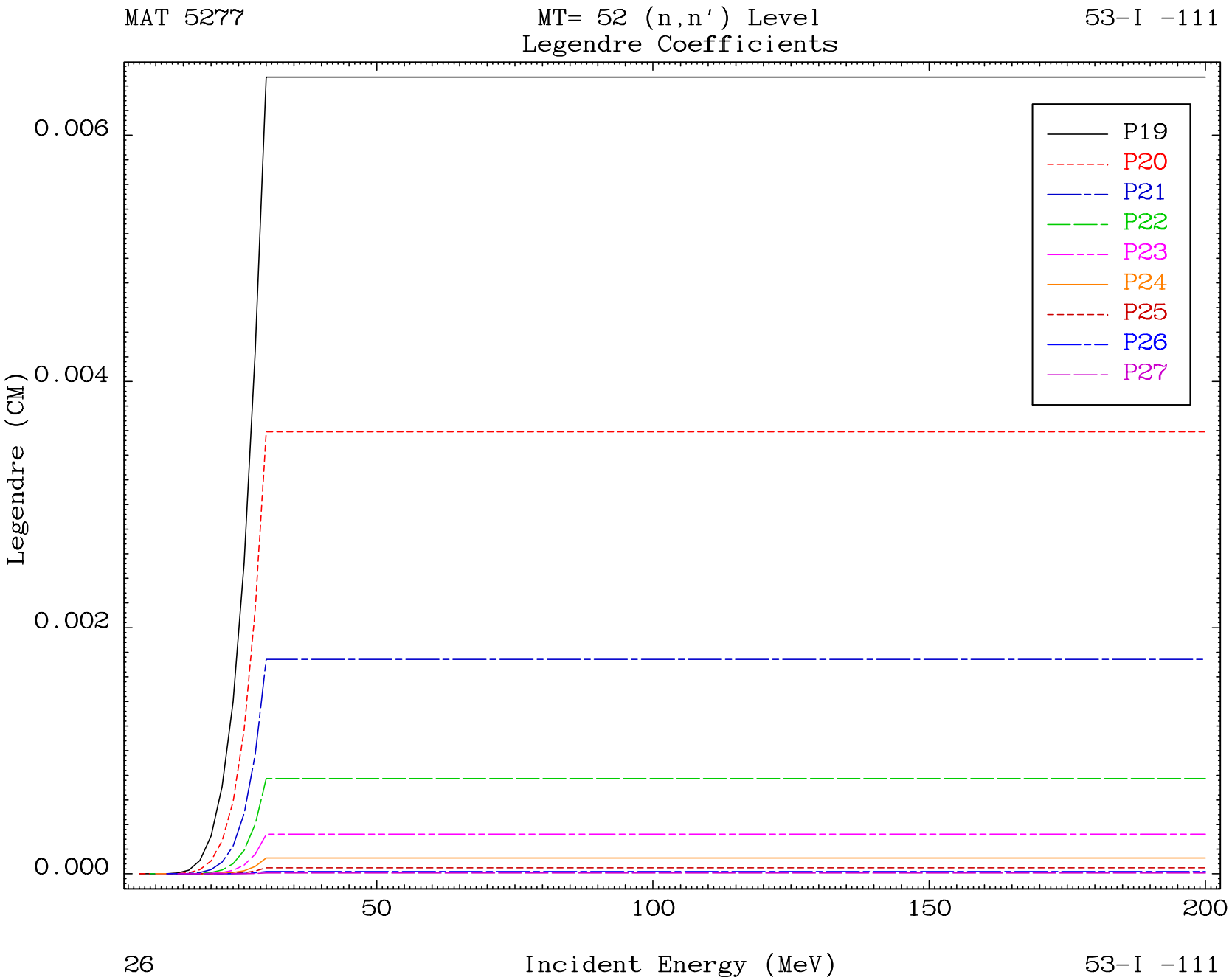

MAT 5277
MT= 51 (n,n') Level
Legendre Coefficients
53-I -111
0.06
0.04
0.02
0.00
-0.02
-0.04
Legendre (CM)
P10
P11
P12
P13
P14
P15
P16
P17
P18
0
50
100
150
200
21
Incident Energy (MeV)
53-I -111

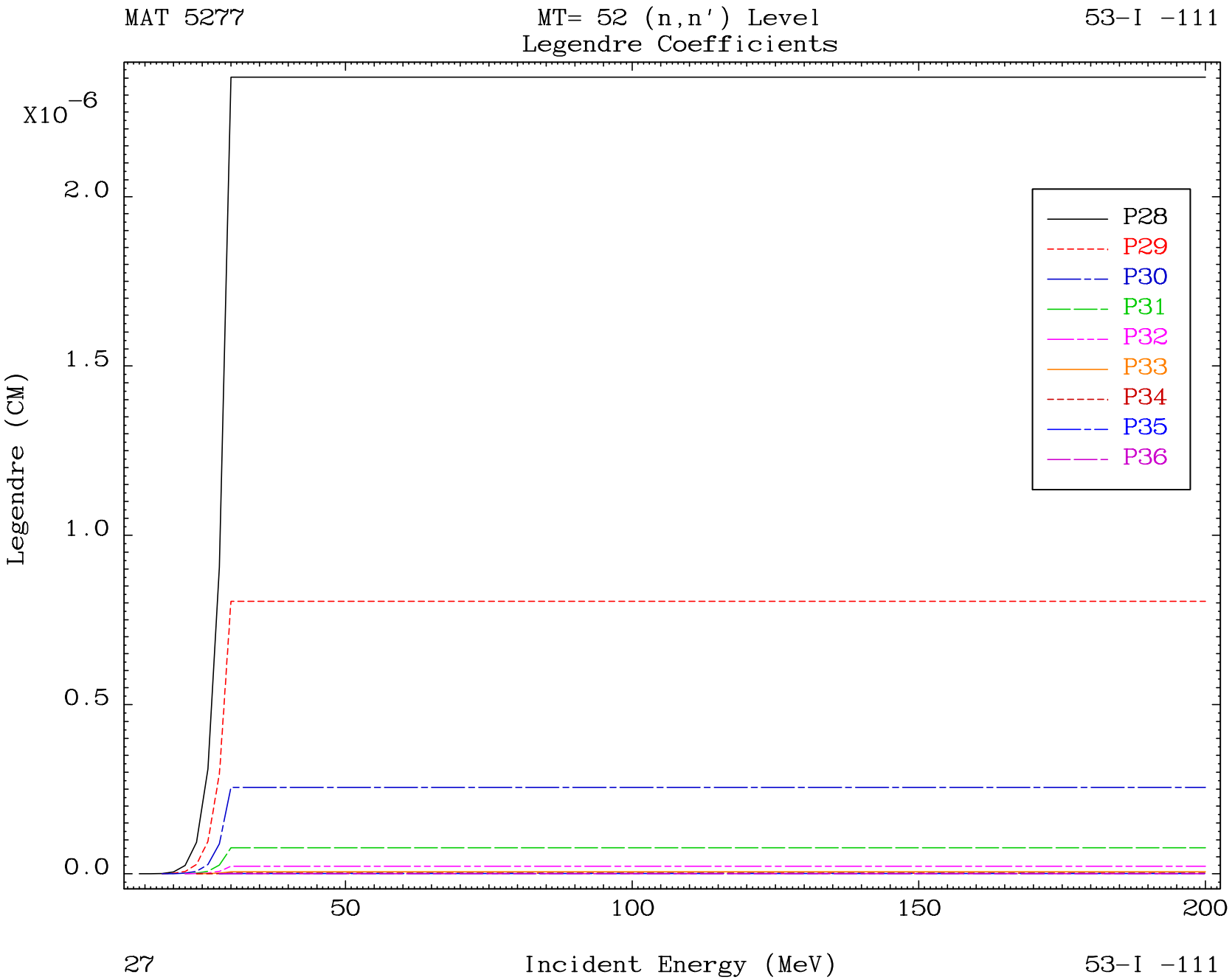

MAT 5277
MT= 51 (n,n') Level
Legendre Coefficients
53-I -111
P19
P20
P21
P22
P23
P24
P25
P26
P27
0.006
0.004
0.002
0.000
Legendre (CM)
50
100
150
200
22
Incident Energy (MeV)
53-I -111

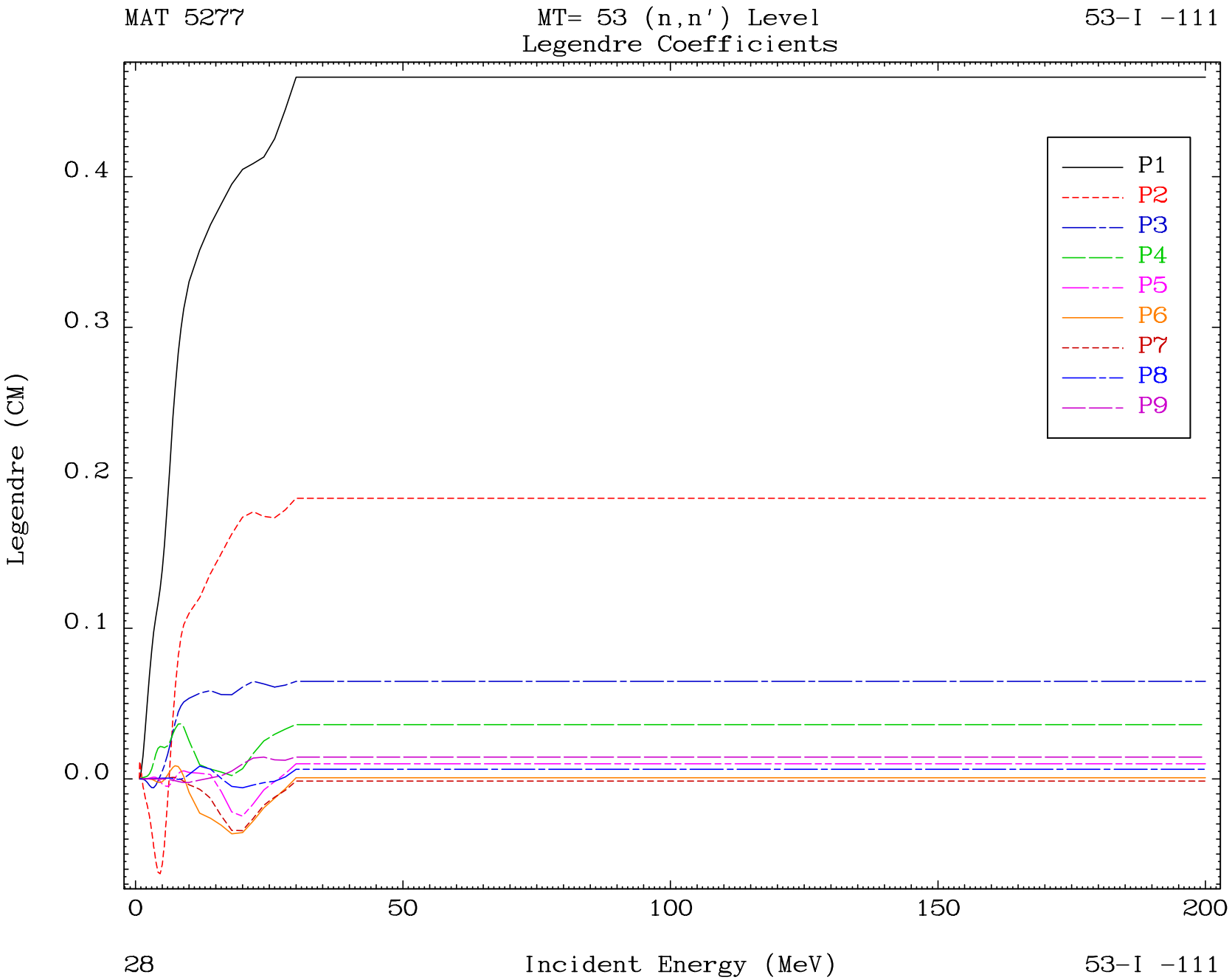

MAT 5277
MT= 51 (n,n') Level
Legendre Coefficients
53-I -111
X10-6
2.5
2.0
1.5
1.0
0.5
0.0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
P35
P36
50
100
150
200
23
Incident Energy (MeV)
53-I -111

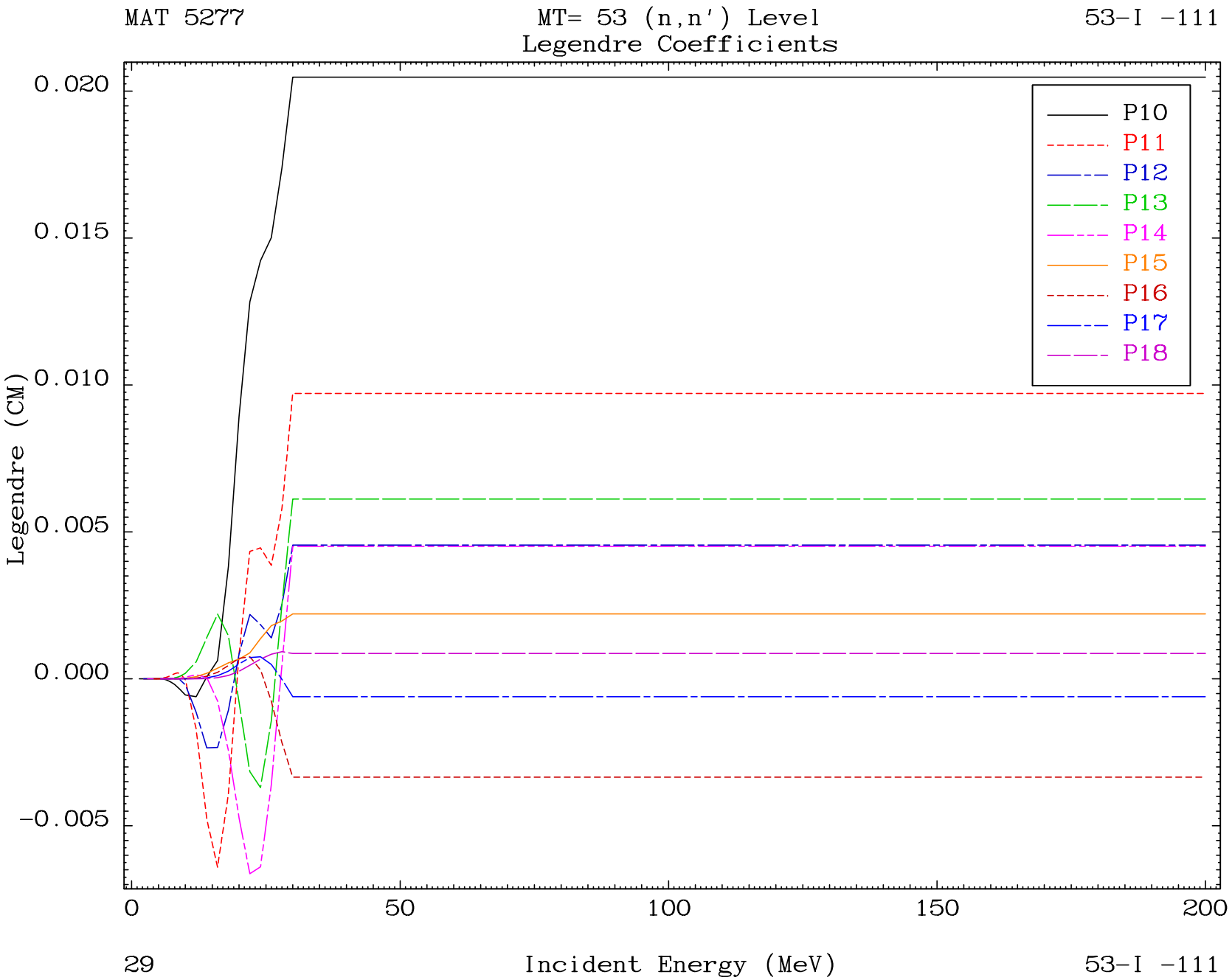

MAT 5277
MT= 52 (n,n') Level
Legendre Coefficients
53-I -111
0.5
0.4
0.3
0.2
0.1
0.0
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
0
50
100
150
200
24
Incident Energy (MeV)
53-I -111

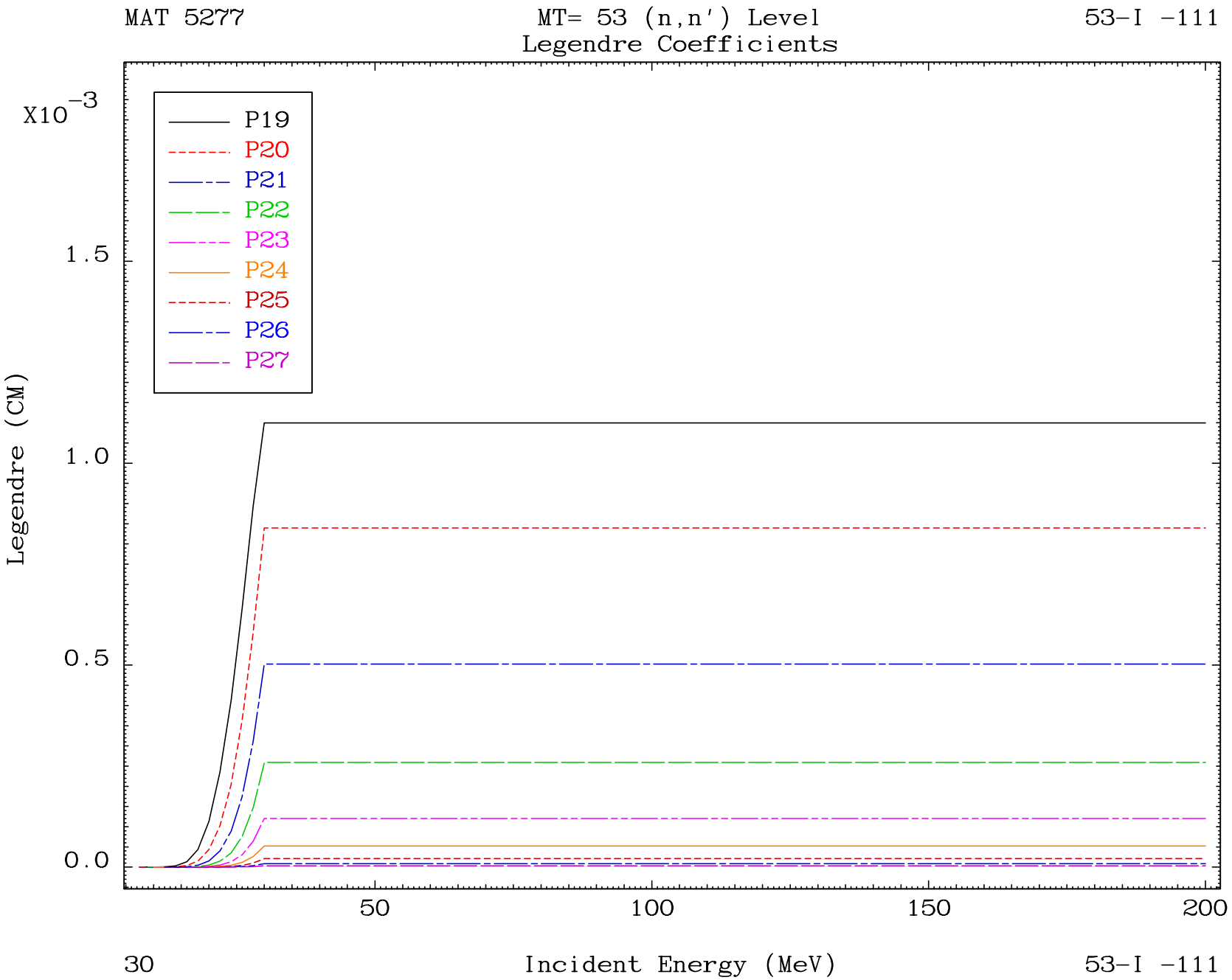

MAT 5277
MT= 52 (n,n') Level
Legendre Coefficients
53-I -111
0.06
0.04
0.02
0.00
-0.02
-0.04
Legendre (CM)
P10
P11
P12
P13
P14
P15
P16
P17
P18
0
50
100
150
200
25
Incident Energy (MeV)
53-I -111

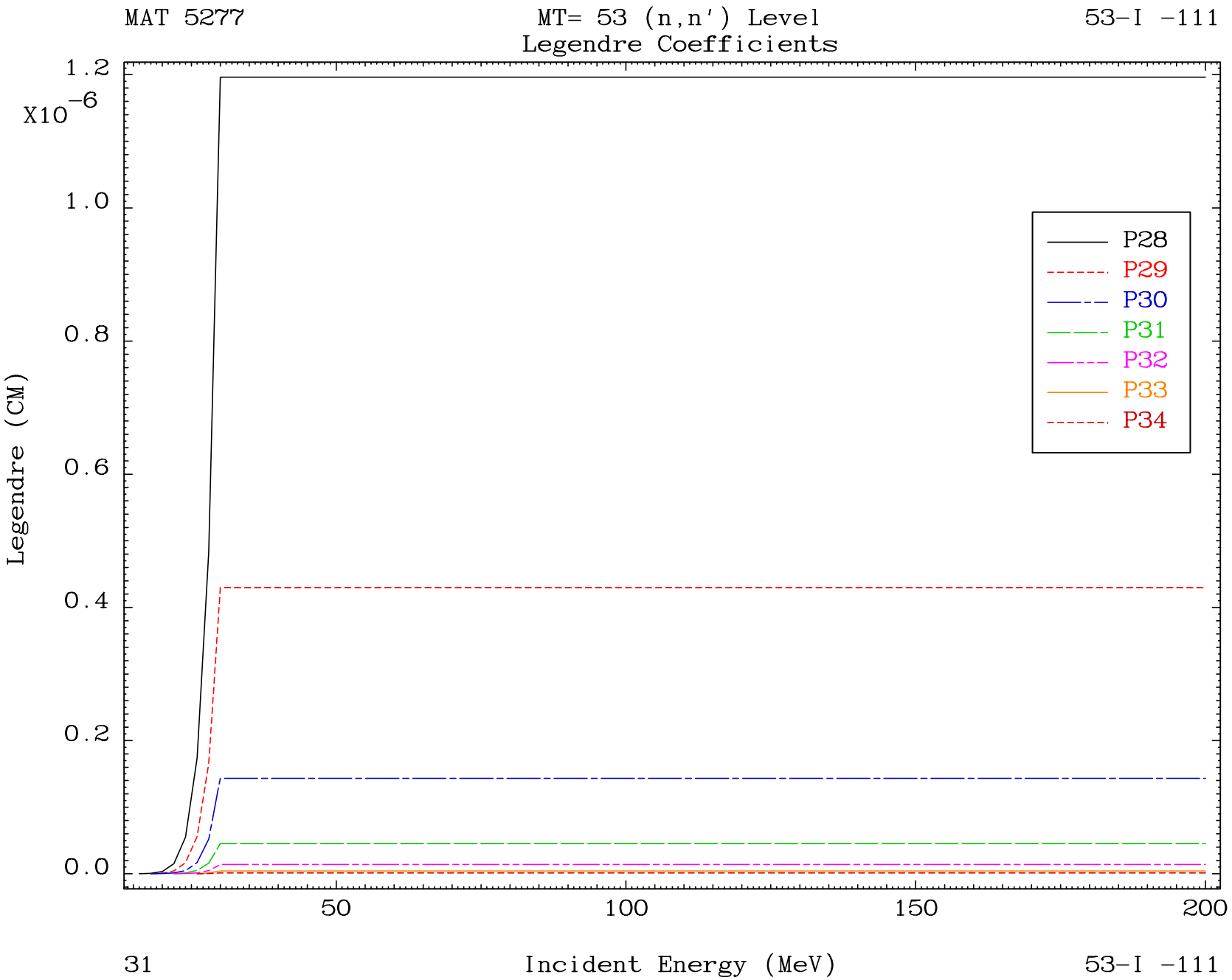

MAT 5277
MT= 52 (n,n') Level
Legendre Coefficients
53-I -111
0.006
0.004
0.002
0.000
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
P27
50
100
150
200
26
Incident Energy (MeV)
53-I -111

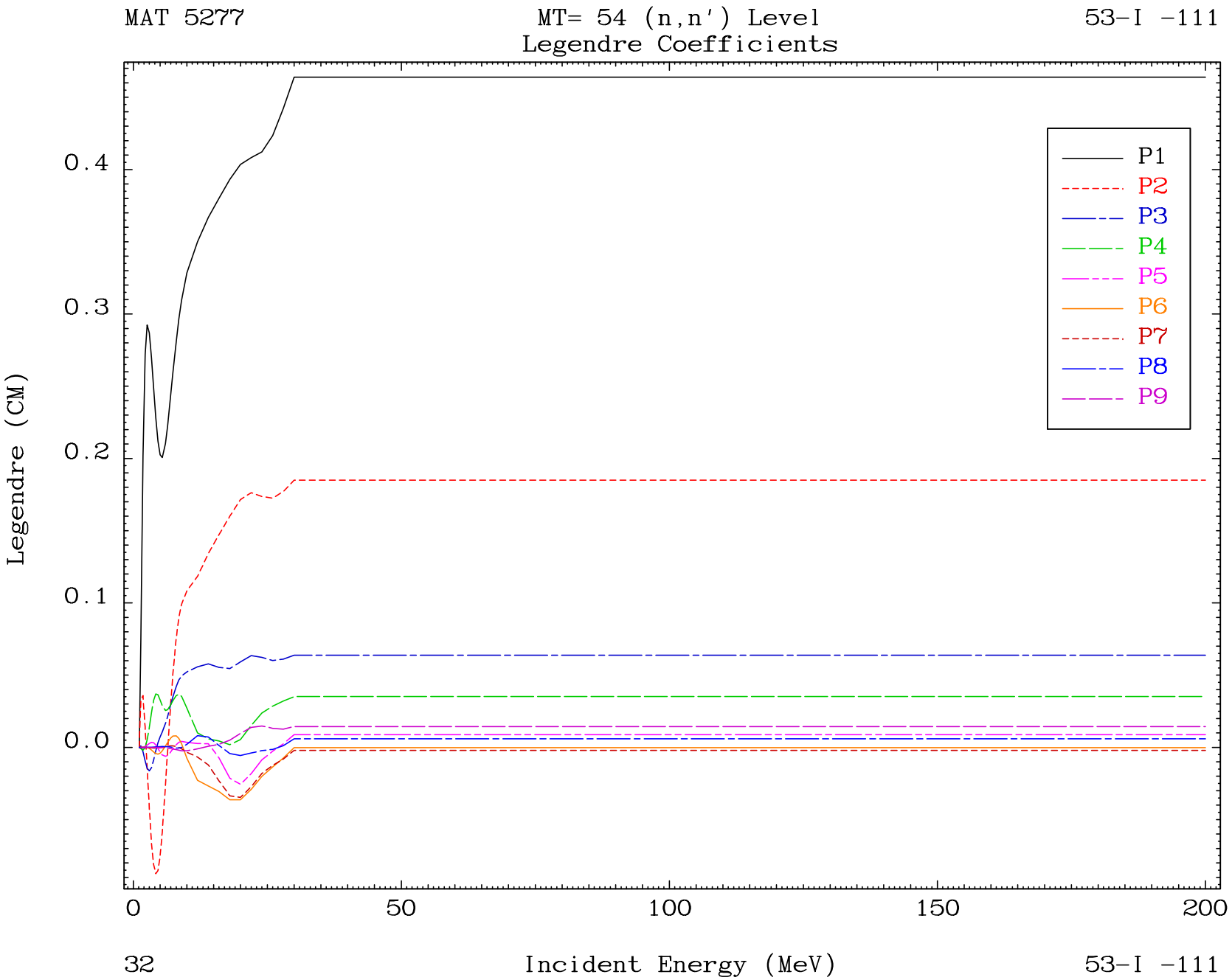

MAT 5277
MT= 52 (n,n') Level
Legendre Coefficients
53-I -111
X10^-6
2.0
1.5
1.0
0.5
0.0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
P35
P36
50
100
150
200
27
Incident Energy (MeV)
53-I -111

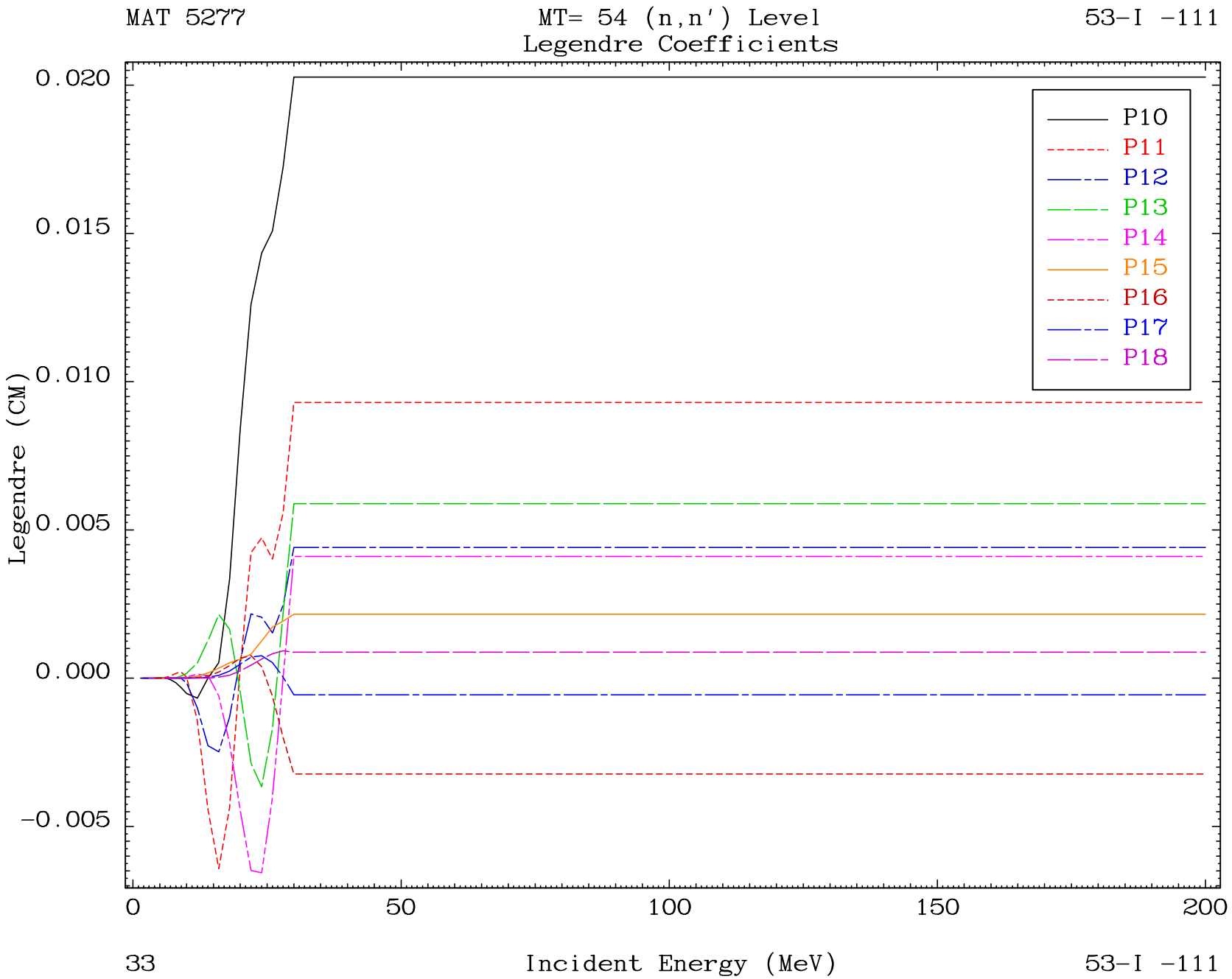

MAT 5277
MT= 53 (n,n') Level
Legendre Coefficients
53-I -111
Legendre (CM)
0.4
0.3
0.2
0.1
0.0
0
50
100
150
200
Incident Energy (MeV)
28
53-I -111
P1
P2
P3
P4
P5
P6
P7
P8
P9

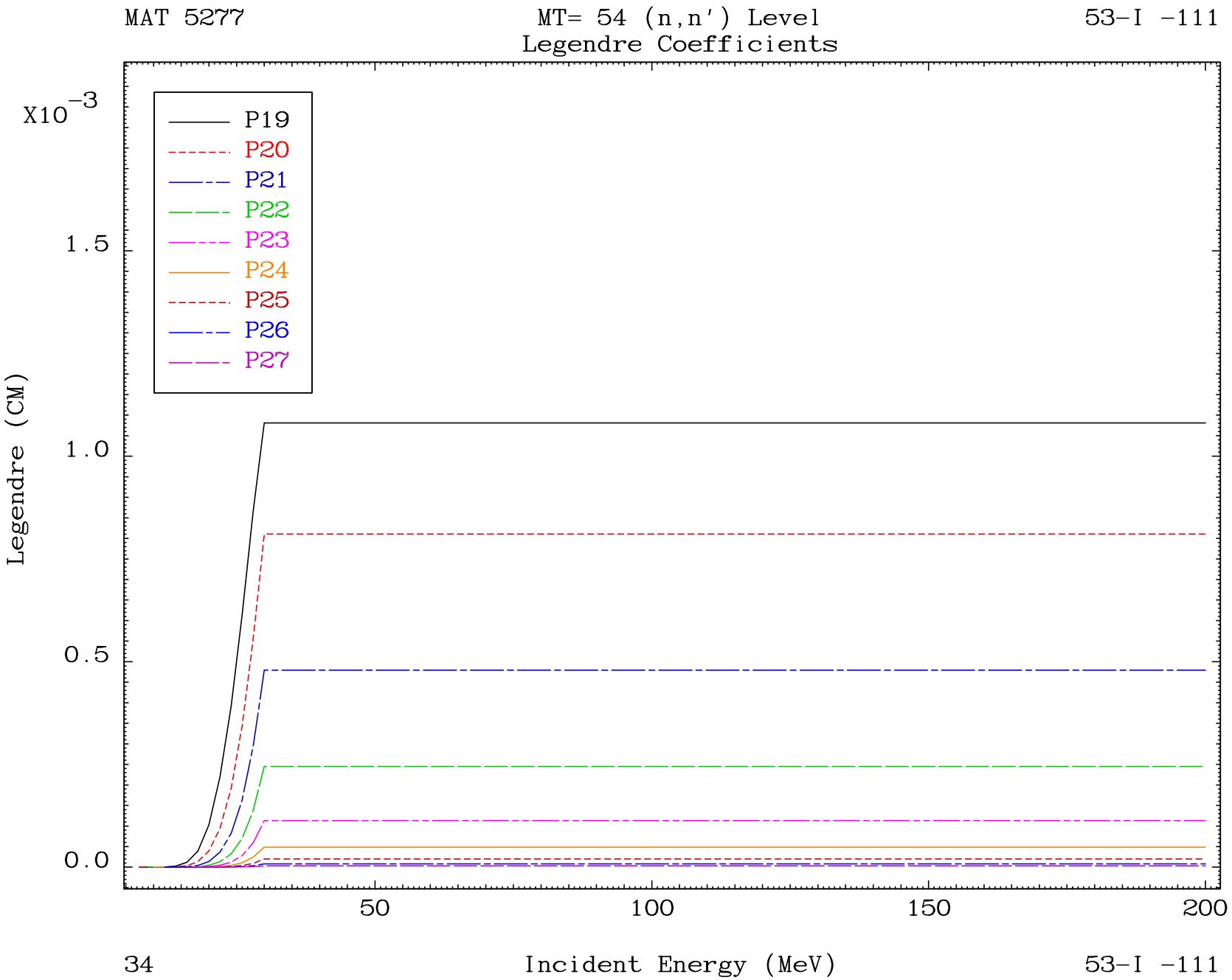

MAT 5277
MT= 53 (n,n') Level
Legendre Coefficients
53-I -111
0.020
0.015
0.010
0.005
0.000
-0.005
Legendre (CM)
0
50
100
150
200
29
Incident Energy (MeV)
53-I -111
P10
P11
P12
P13
P14
P15
P16
P17
P18

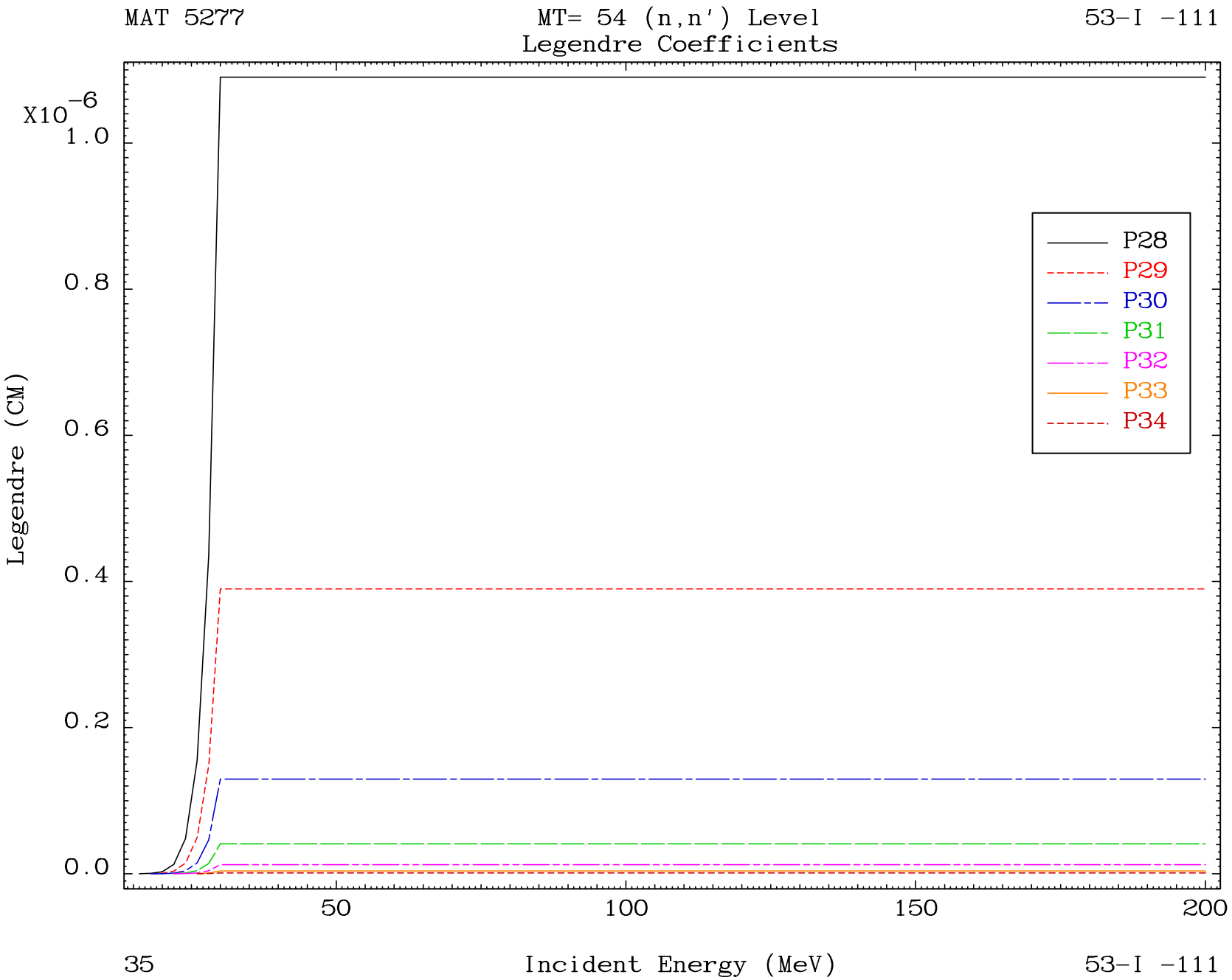

MAT 5277
MT= 53 (n,n') Level
Legendre Coefficients
53-I -111
X10-3
P19
P20
P21
P22
P23
P24
P25
P26
P27
1.5
1.0
0.5
0.0
Legendre (CM)
50
100
150
200
30
Incident Energy (MeV)
53-I -111

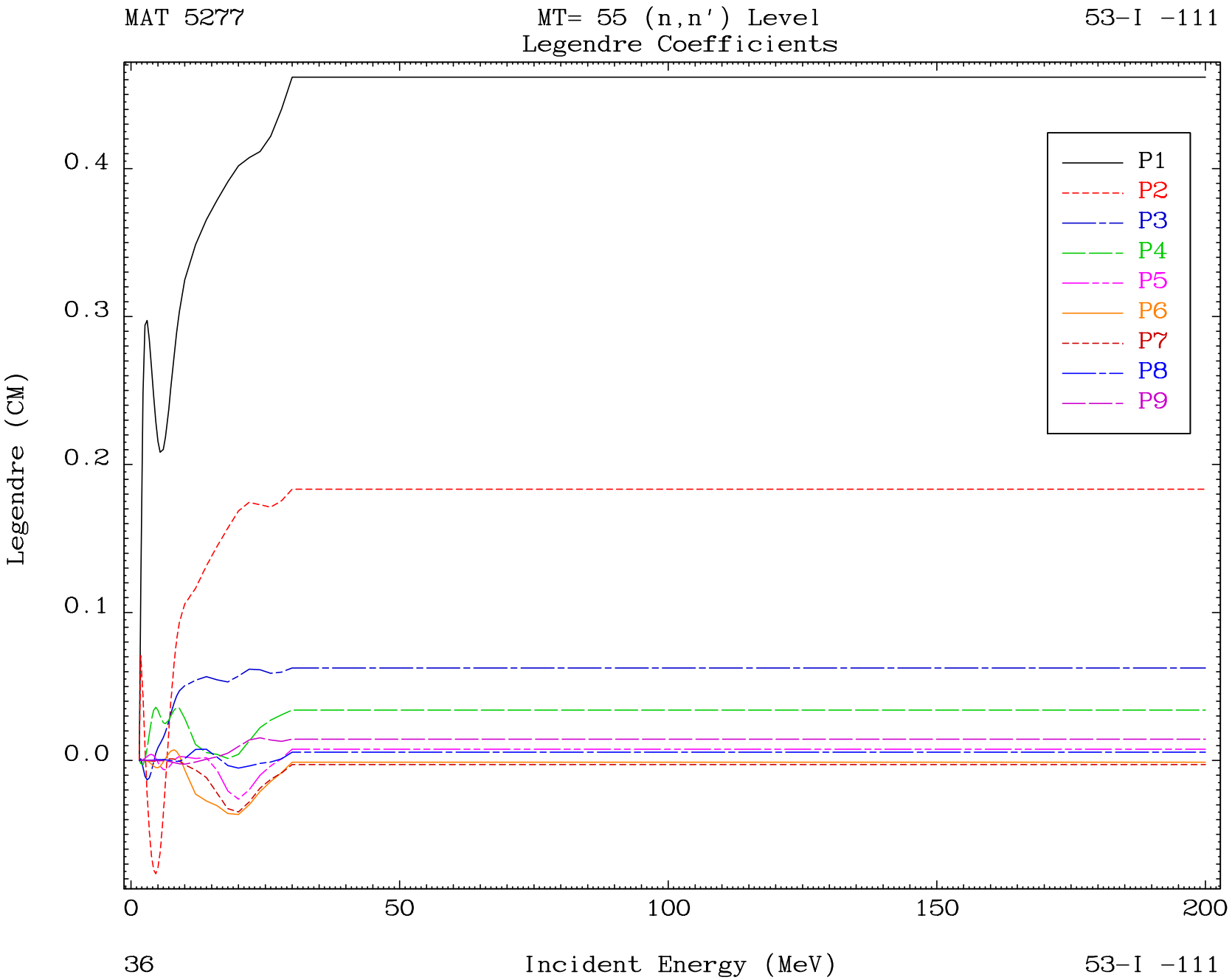

MAT 5277
MT= 53 (n,n') Level
Legendre Coefficients
53-I -111
X10^-6
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
50
100
150
200
31
Incident Energy (MeV)
53-I -111

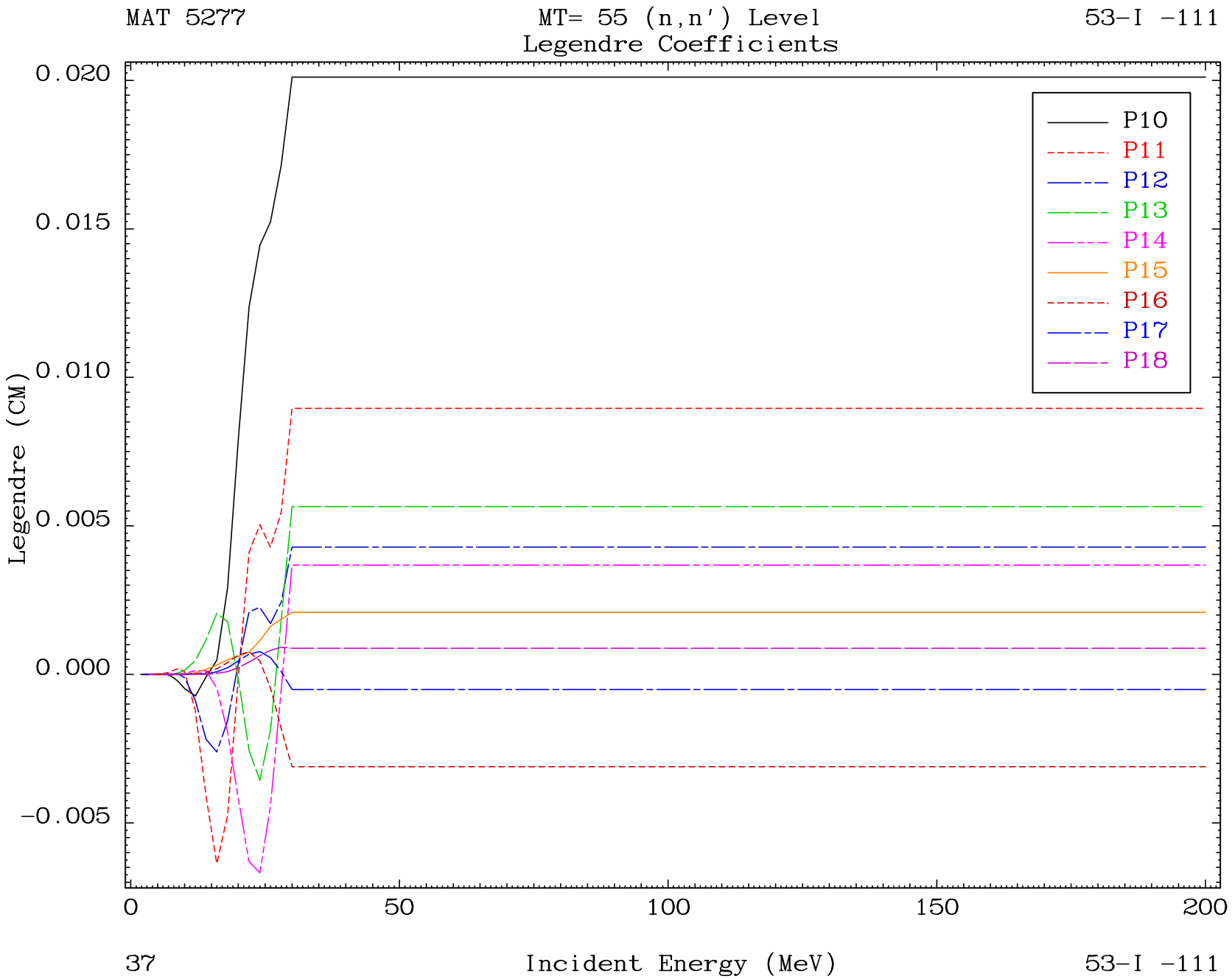

MAT 5277
MT= 54 (n,n') Level
Legendre Coefficients
53-I -111
Legendre (CM)
0.4
0.3
0.2
0.1
0.0
0
50
100
150
200
P1
P2
P3
P4
P5
P6
P7
P8
P9
32
Incident Energy (MeV)
53-I -111

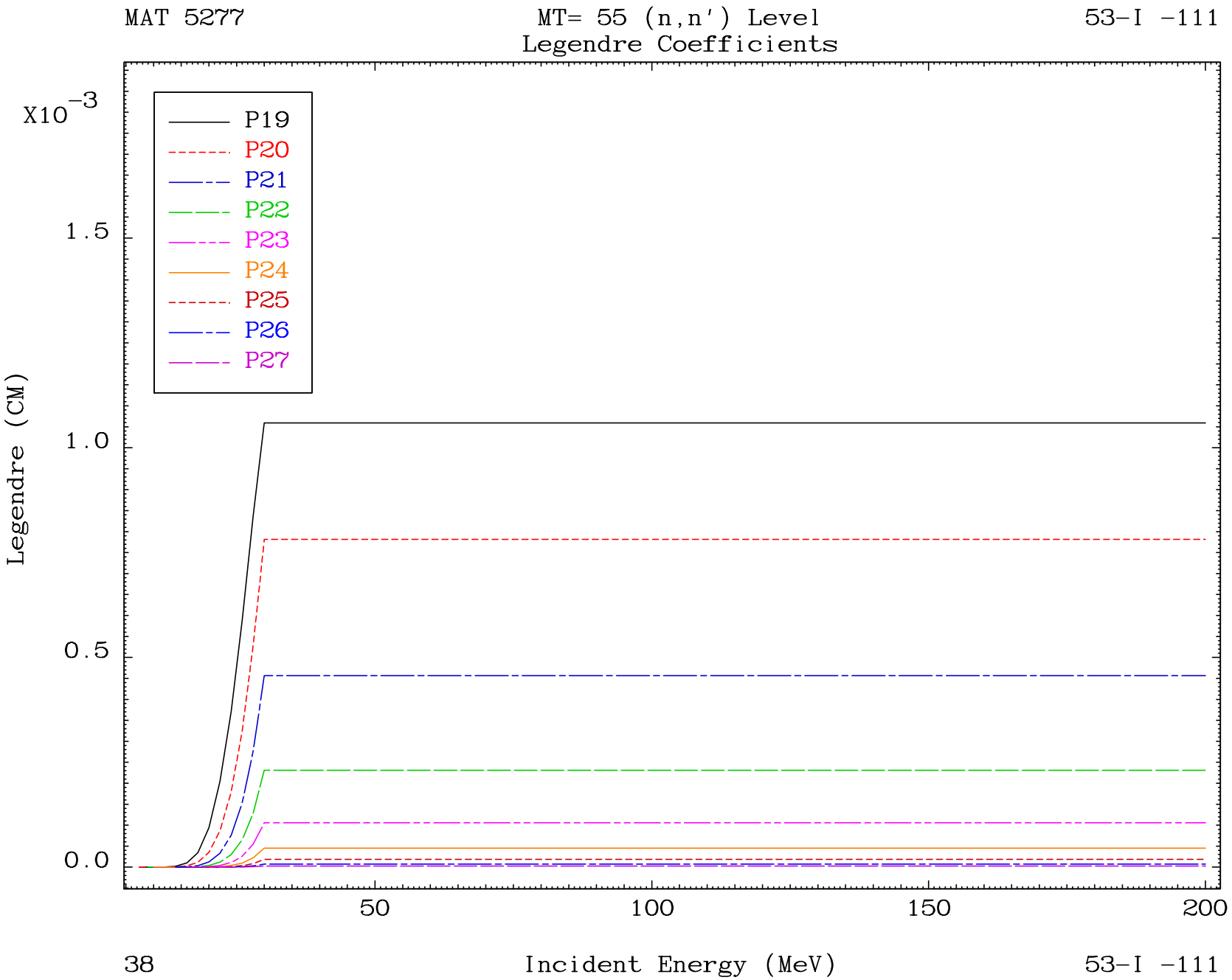

MAT 5277
MT= 54 (n,n') Level
Legendre Coefficients
53-I -111
0.020
0.015
0.010
0.005
0.000
-0.005
Legendre (CM)
P10
P11
P12
P13
P14
P15
P16
P17
P18
0
50
100
150
200
33
Incident Energy (MeV)
53-I -111

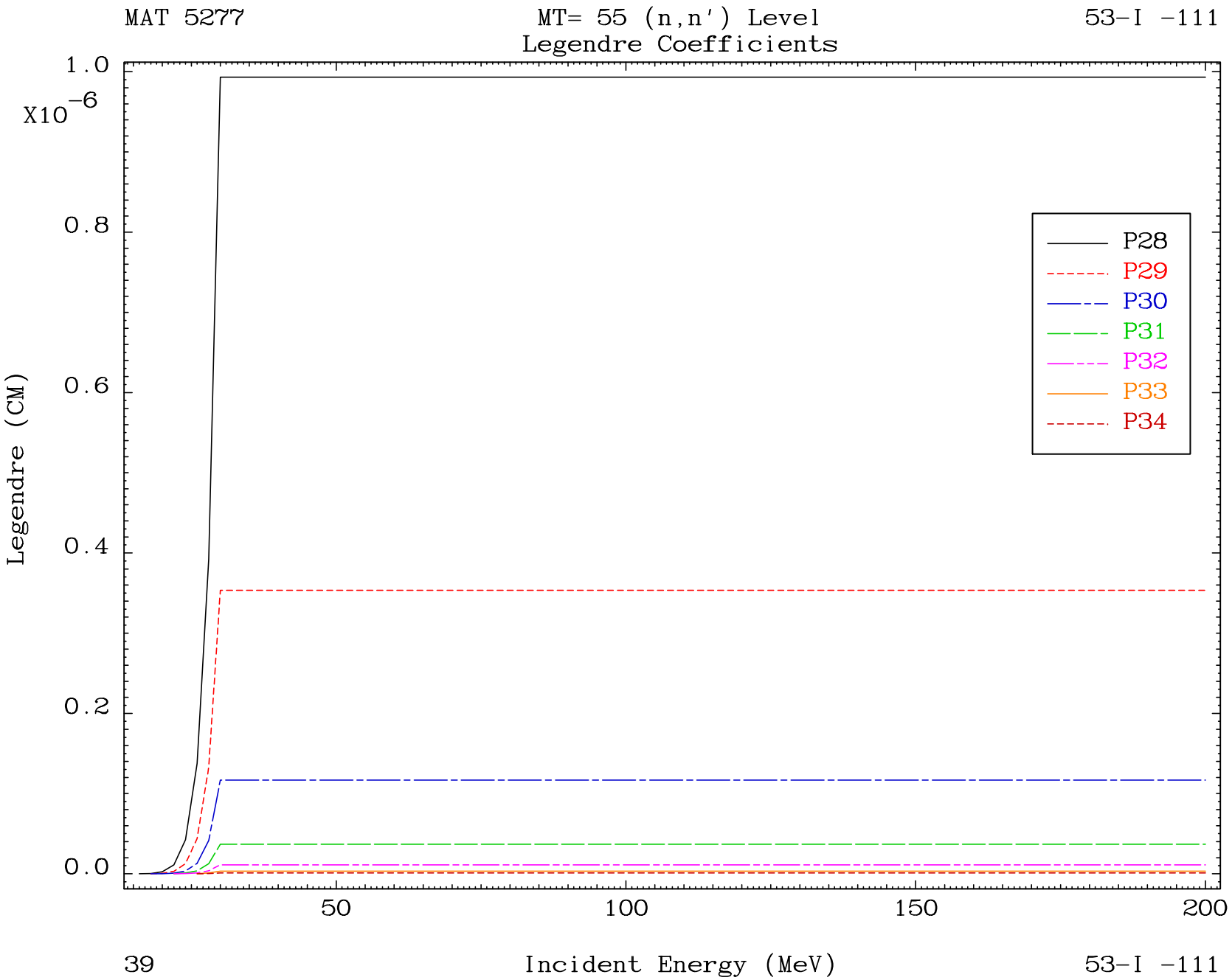

MAT 5277
MT= 54 (n,n') Level
Legendre Coefficients
53-I -111
X10-3
P19
P20
P21
P22
P23
P24
P25
P26
P27
1.5
1.0
0.5
0.0
Legendre (CM)
50
100
150
200
34
Incident Energy (MeV)
53-I -111

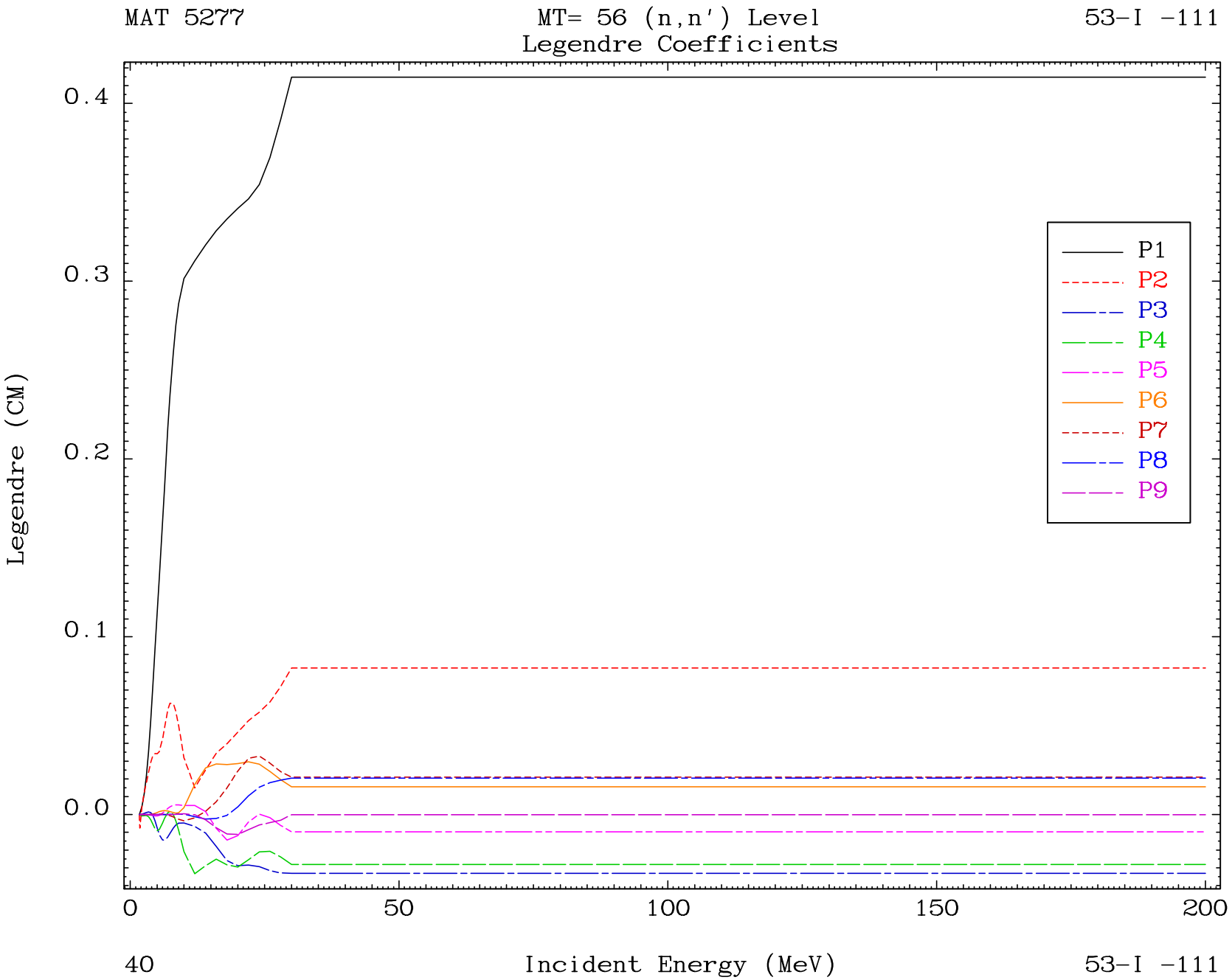

MAT 5277
MT= 54 (n,n') Level
Legendre Coefficients
53-I -111
X10 -6
1.0
0.8
0.6
0.4
0.2
0.0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
50
100
150
200
35
Incident Energy (MeV)
53-I -111

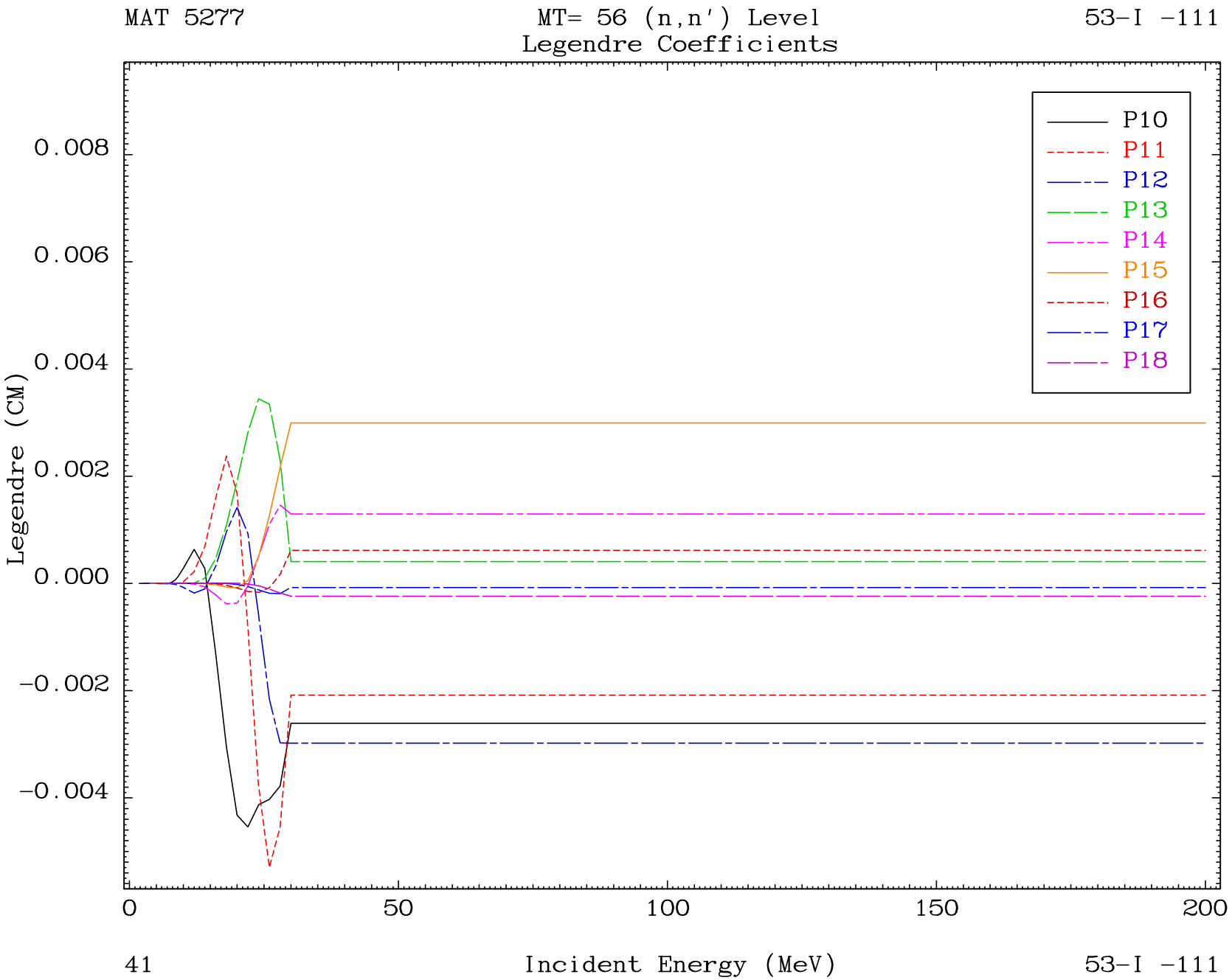

MAT 5277
MT= 55 (n,n') Level
Legendre Coefficients
53-I -111
Legendre (CM)
0.4
0.3
0.2
0.1
0.0
0
50
100
150
200
P1
P2
P3
P4
P5
P6
P7
P8
P9
36
Incident Energy (MeV)
53-I -111

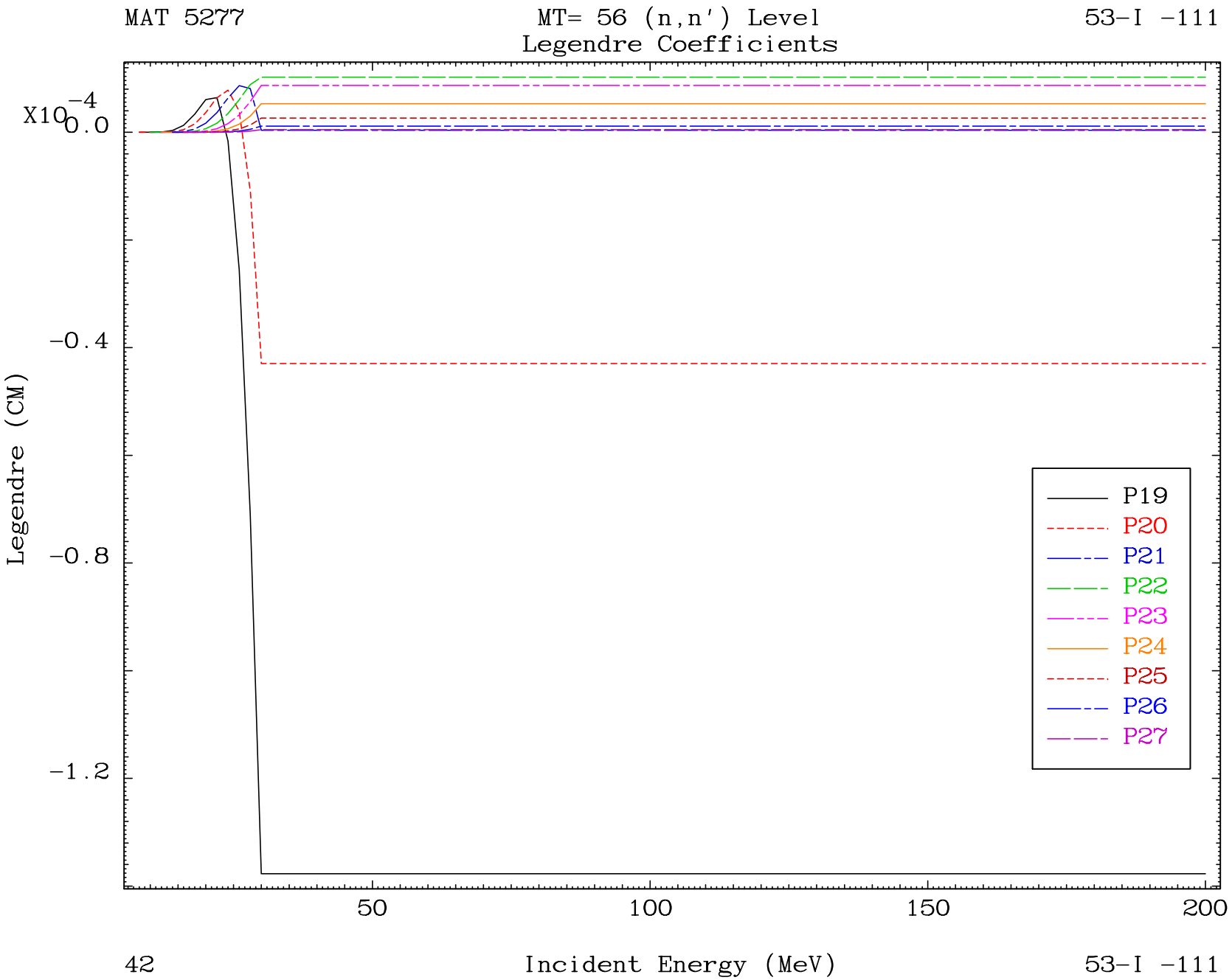

MAT 5277
MT= 55 (n,n') Level
Legendre Coefficients
53-I -111
0.020
0.015
0.010
0.005
0.000
-0.005
Legendre (CM)
P10
P11
P12
P13
P14
P15
P16
P17
P18
0
50
100
150
200
37
Incident Energy (MeV)
53-I -111

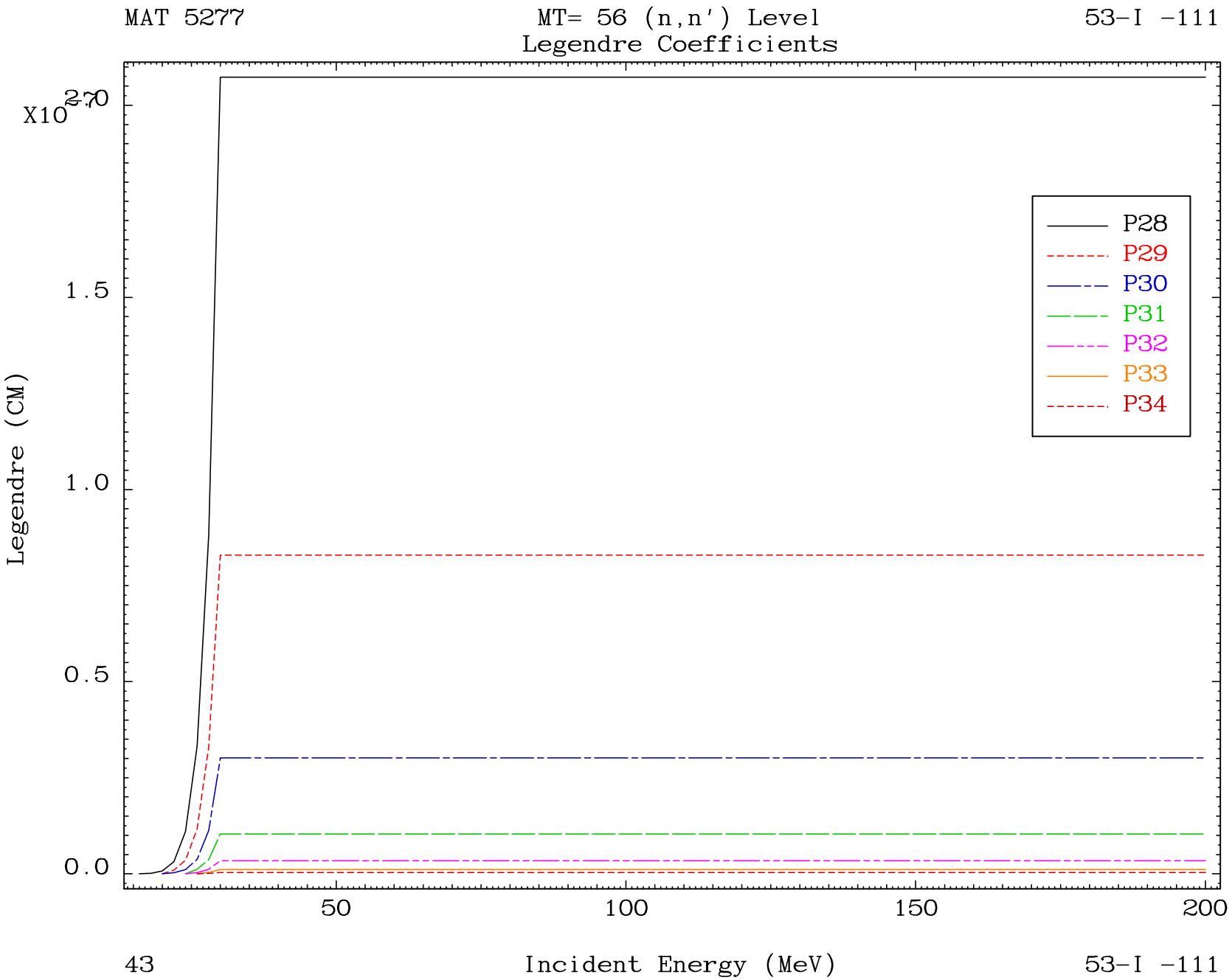

MAT 5277
MT= 55 (n,n') Level
Legendre Coefficients
53-I -111
X10-3
1.5
1.0
0.5
0.0
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
P27
50
100
150
200
38
Incident Energy (MeV)
53-I -111

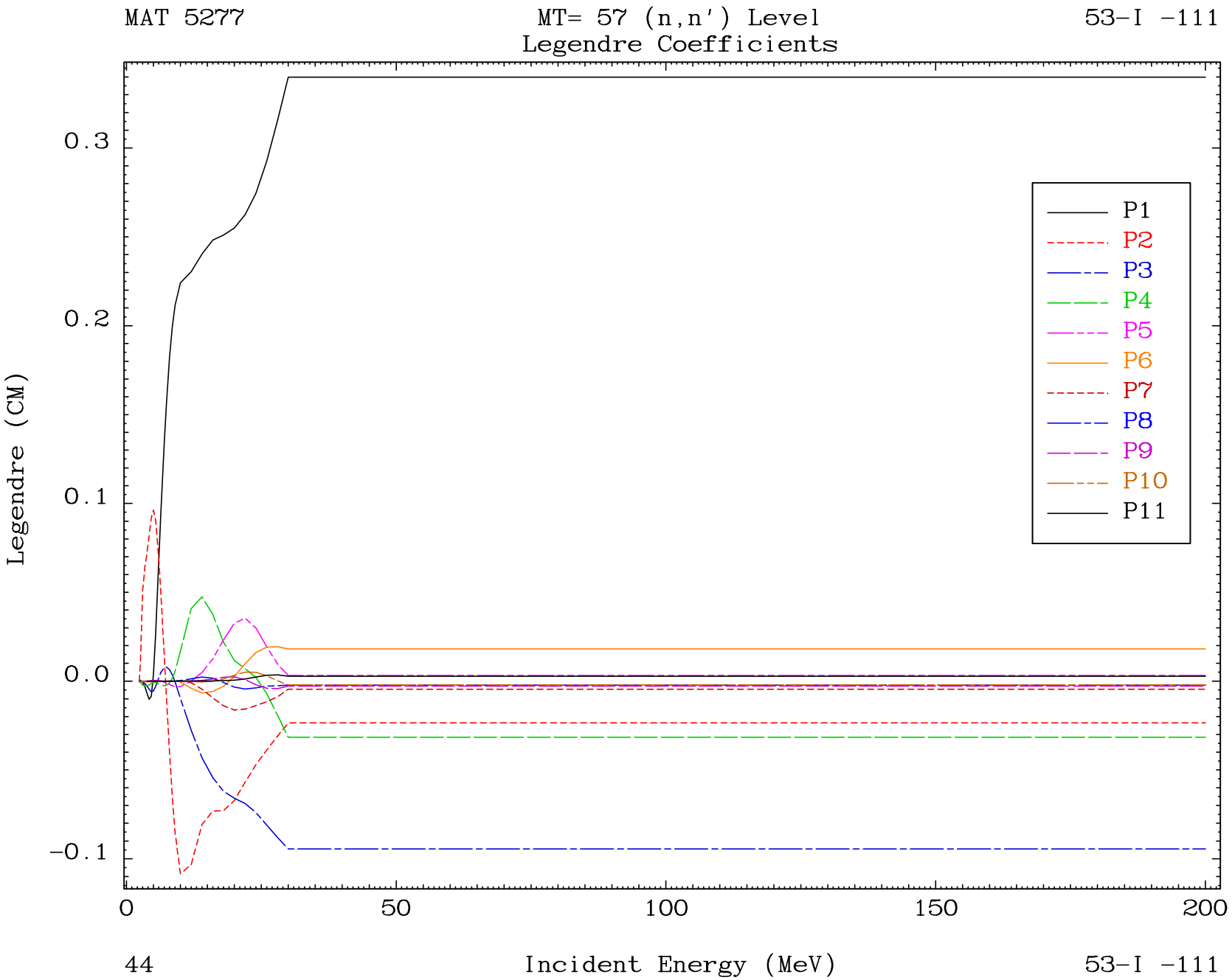

MAT 5277
MT= 55 (n,n') Level
Legendre Coefficients
53-I -111
1.0
X10^-6
0.8
0.6
0.4
0.2
0.0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
50
100
150
200
39
Incident Energy (MeV)
53-I -111

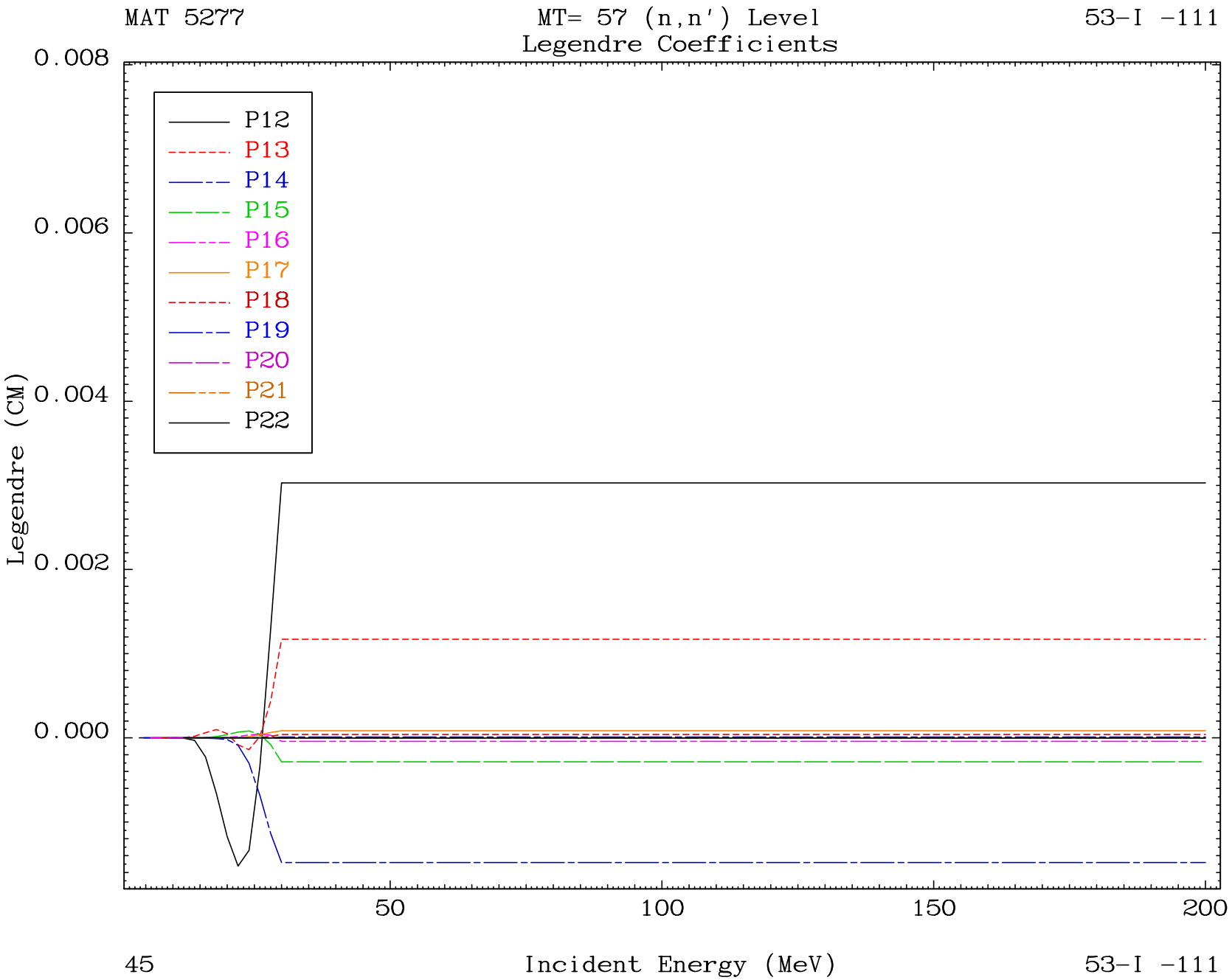

MAT 5277
MT= 56 (n,n') Level
Legendre Coefficients
53-I -111
Legendre (CM)
0.4
0.3
0.2
0.1
0.0
P1
P2
P3
P4
P5
P6
P7
P8
P9
0
50
100
150
200
40
Incident Energy (MeV)
53-I -111

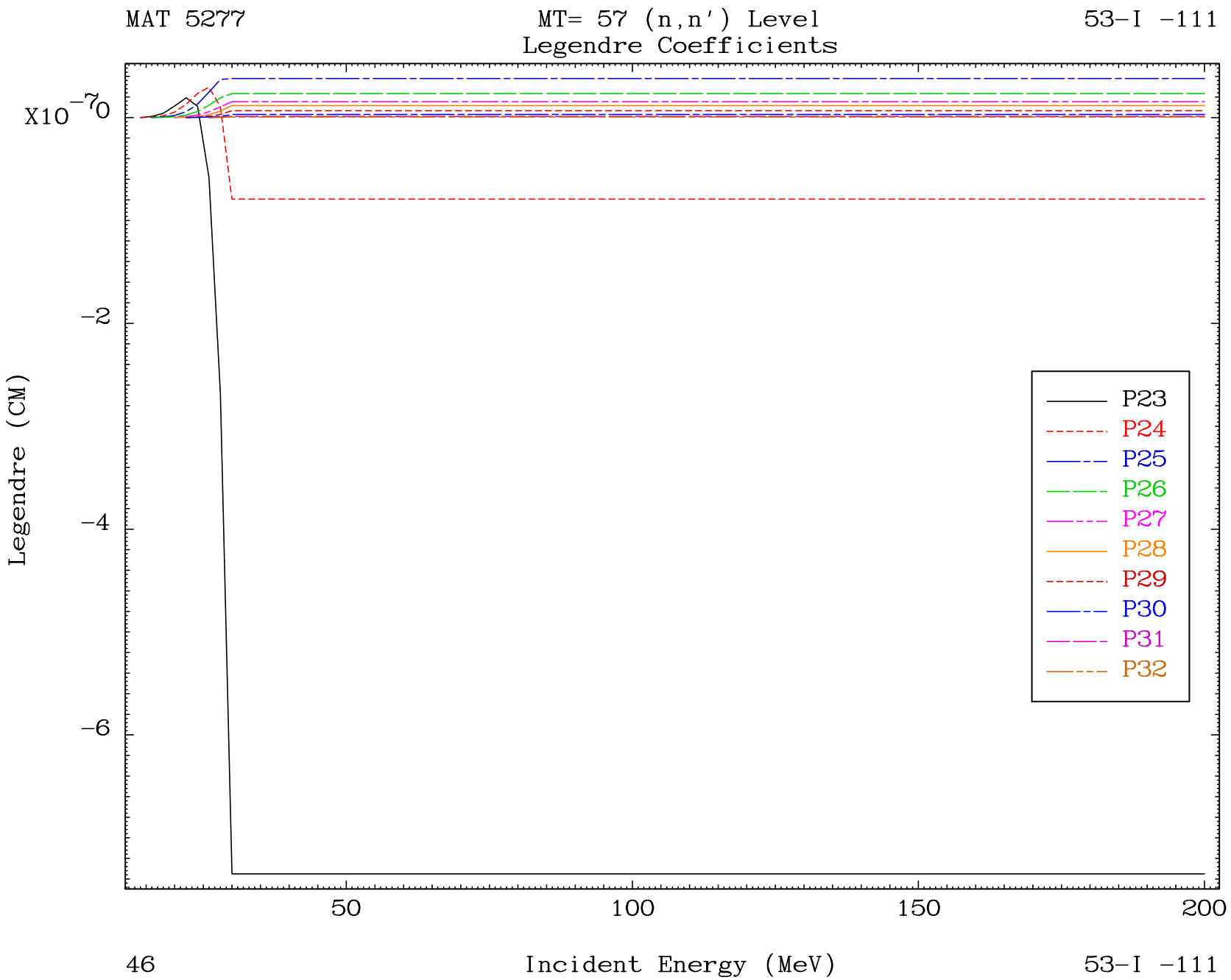

MAT 5277
MT= 56 (n,n') Level
Legendre Coefficients
53-I -111
P10
P11
P12
P13
P14
P15
P16
P17
P18
0.008
0.006
0.004
0.002
0.000
-0.002
-0.004
Legendre (CM)
0
50
100
150
200
41
Incident Energy (MeV)
53-I -111

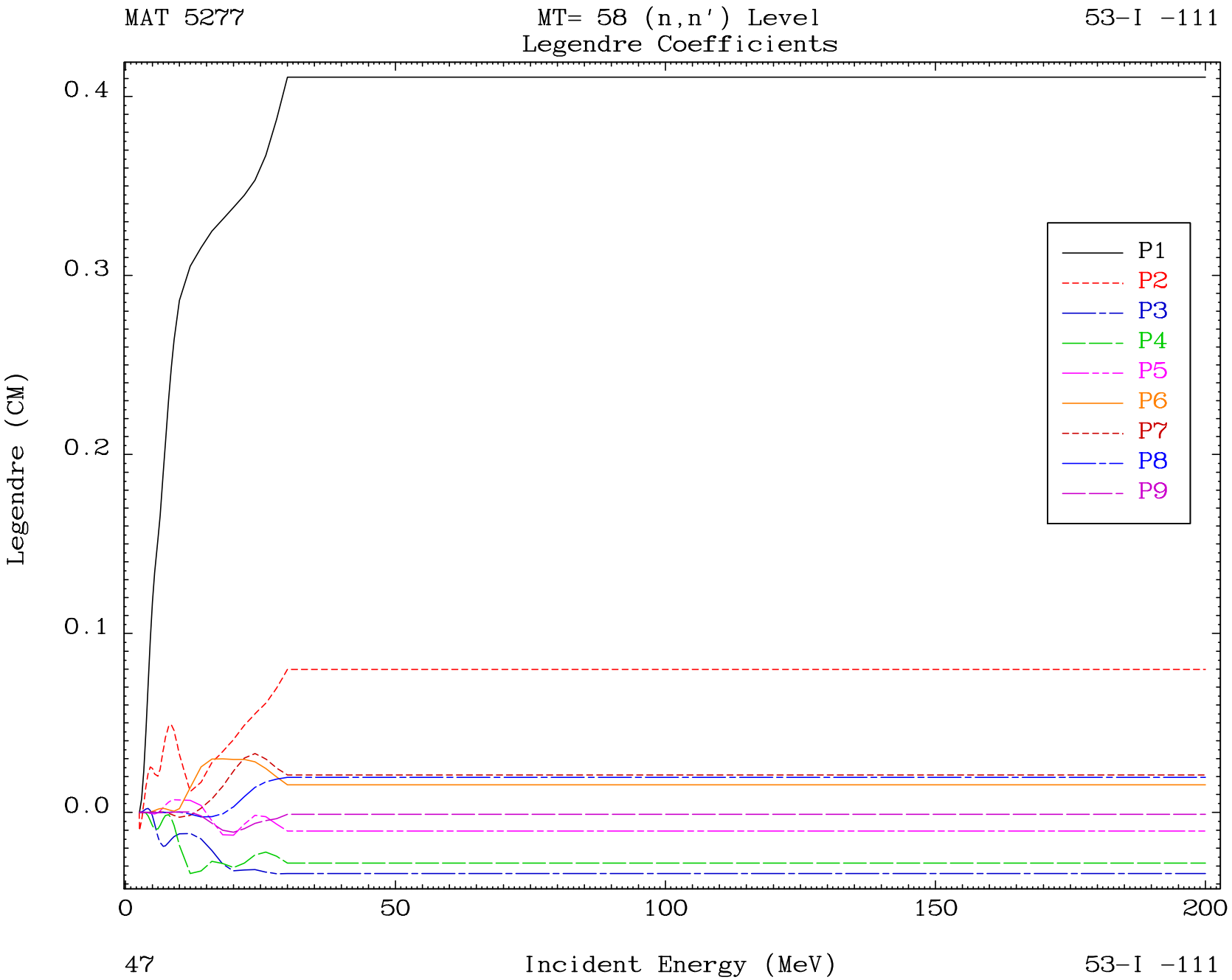

MAT 5277
MT= 56 (n,n') Level
Legendre Coefficients
53-I -111
X10^-4
0.0
-0.4
-0.8
-1.2
Legendre (CM)
50
100
150
200
Incident Energy (MeV)
P19
P20
P21
P22
P23
P24
P25
P26
P27
42
53-I -111

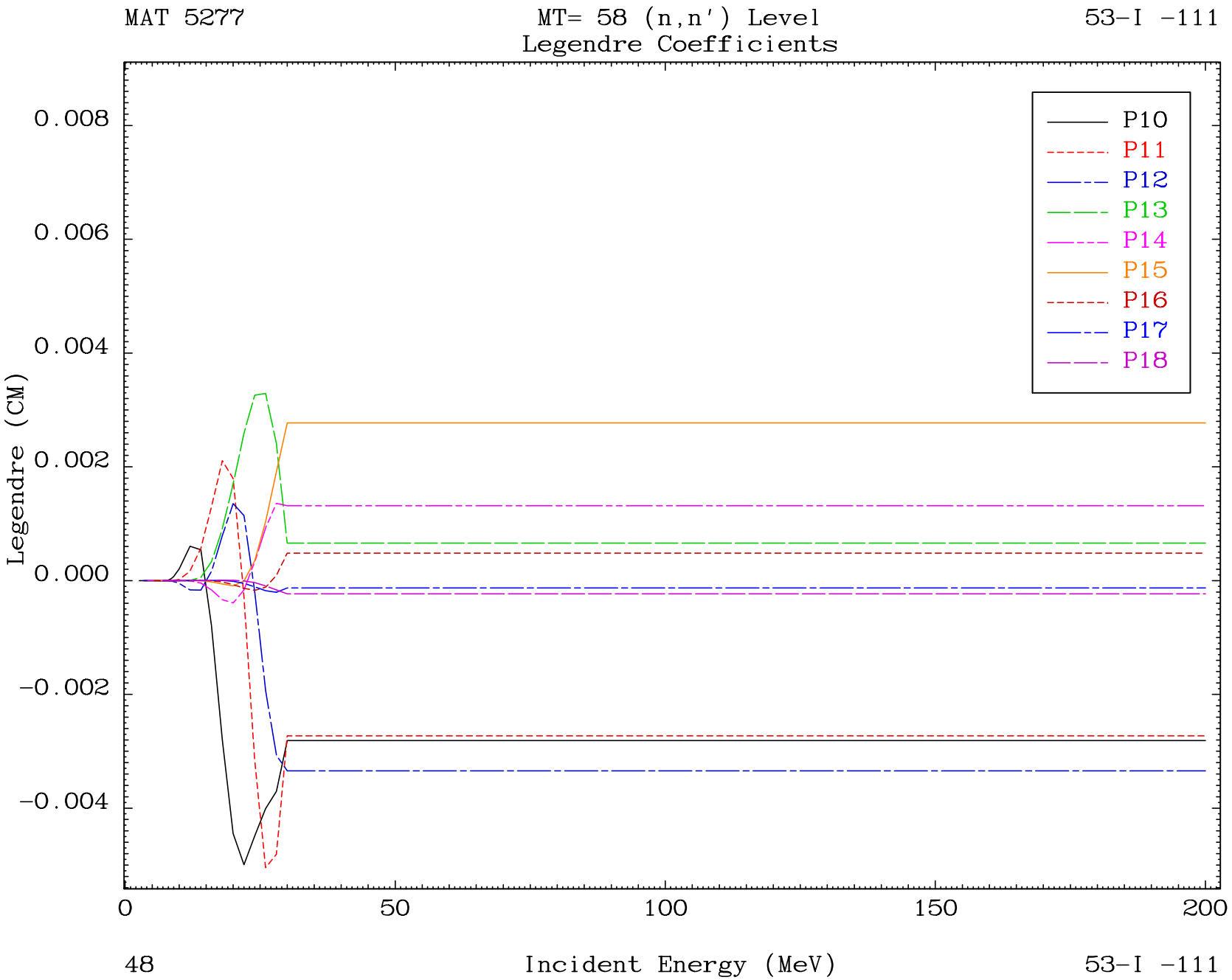

MAT 5277
MT= 56 (n,n') Level
Legendre Coefficients
53-I -111
X10^-2
2.0
1.5
1.0
0.5
0.0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
50
100
150
200
43
Incident Energy (MeV)
53-I -111

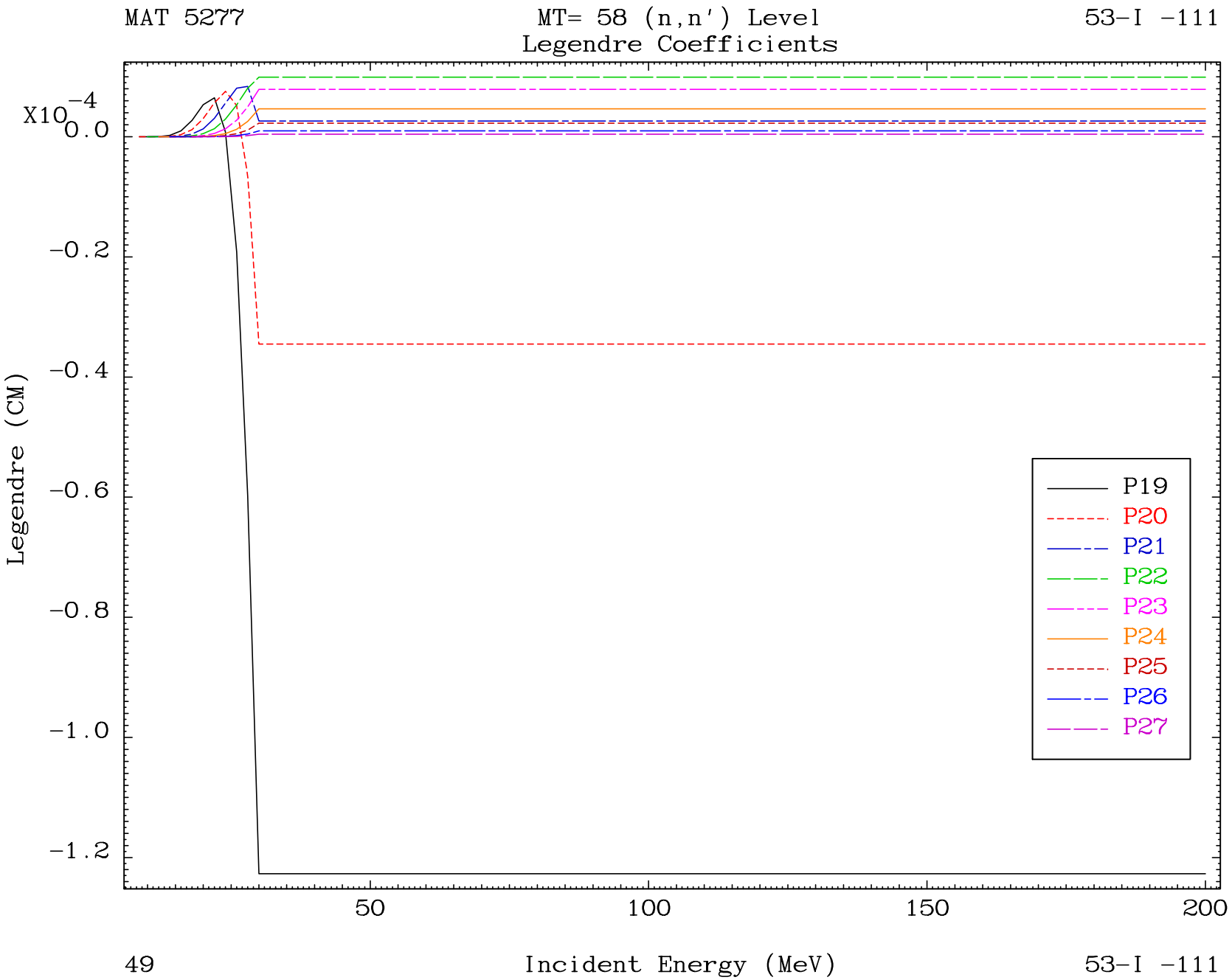

MAT 5277
MT= 57 (n,n') Level
Legendre Coefficients
53-I -111
0.3
0.2
0.1
0.0
-0.1
Legendre (CM)
0
50
100
150
200
Incident Energy (MeV)
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10
P11
44
53-I -111

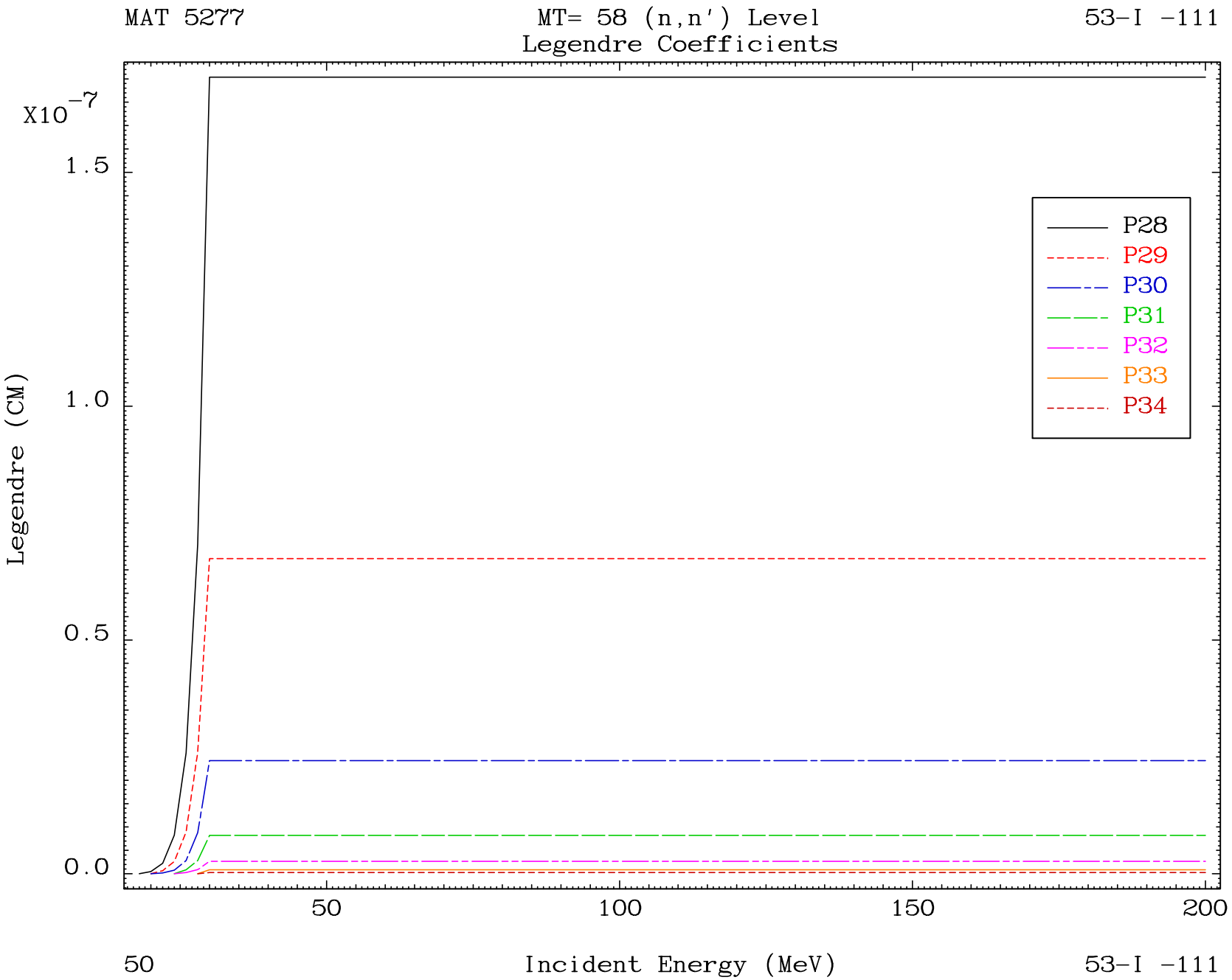

MAT 5277
MT= 57 (n,n') Level
Legendre Coefficients
53-I -111
0.008
0.006
0.004
0.002
0.000
Legendre (CM)
P12
P13
P14
P15
P16
P17
P18
P19
P20
P21
P22
50
100
150
200
45
Incident Energy (MeV)
53-I -111

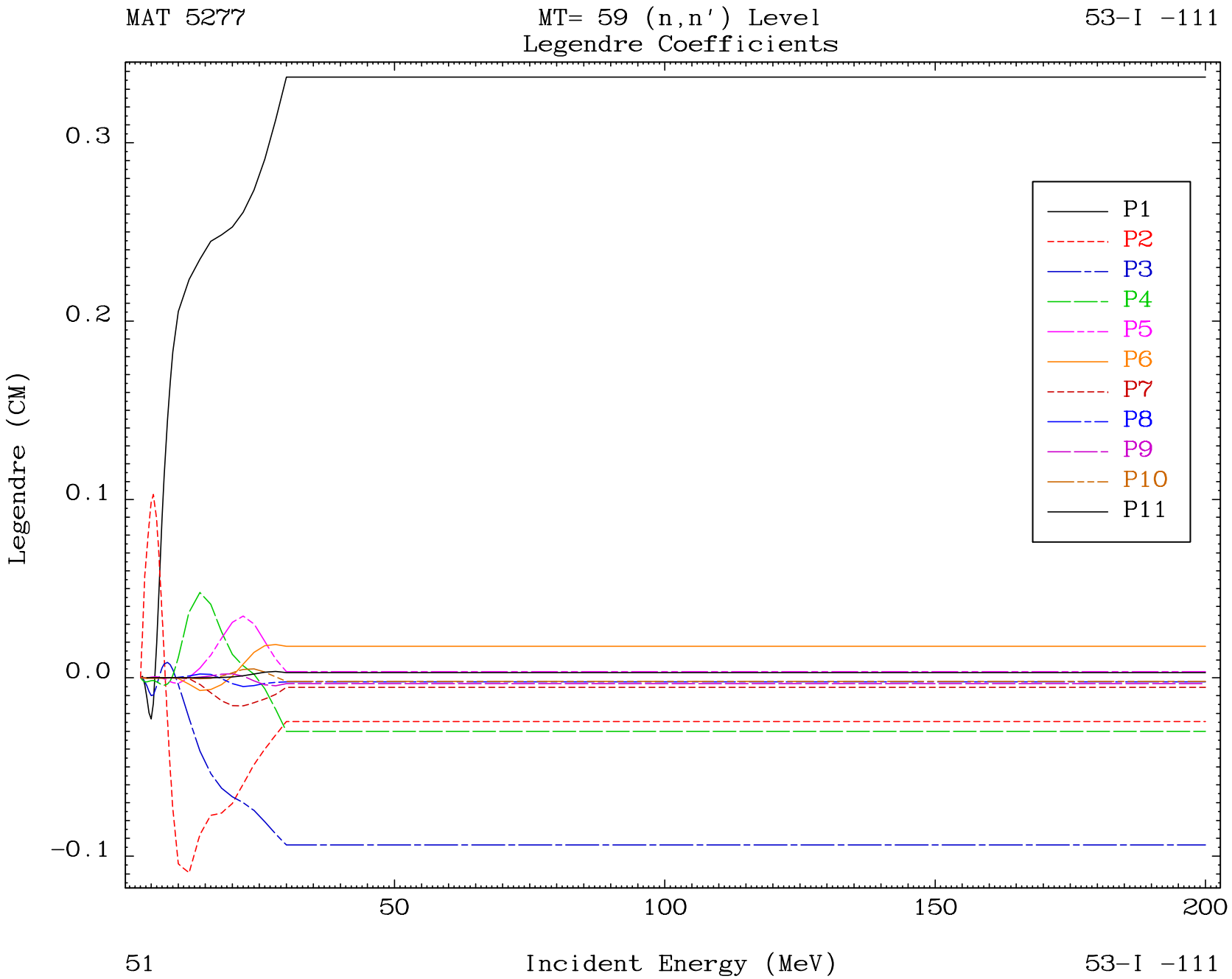

MAT 5277
MT= 57 (n,n') Level
Legendre Coefficients
53-I -111
X10^-7
0
-2
-4
-6
Legendre (CM)
50
100
150
200
Incident Energy (MeV)
P23
P24
P25
P26
P27
P28
P29
P30
P31
P32
46
53-I -111

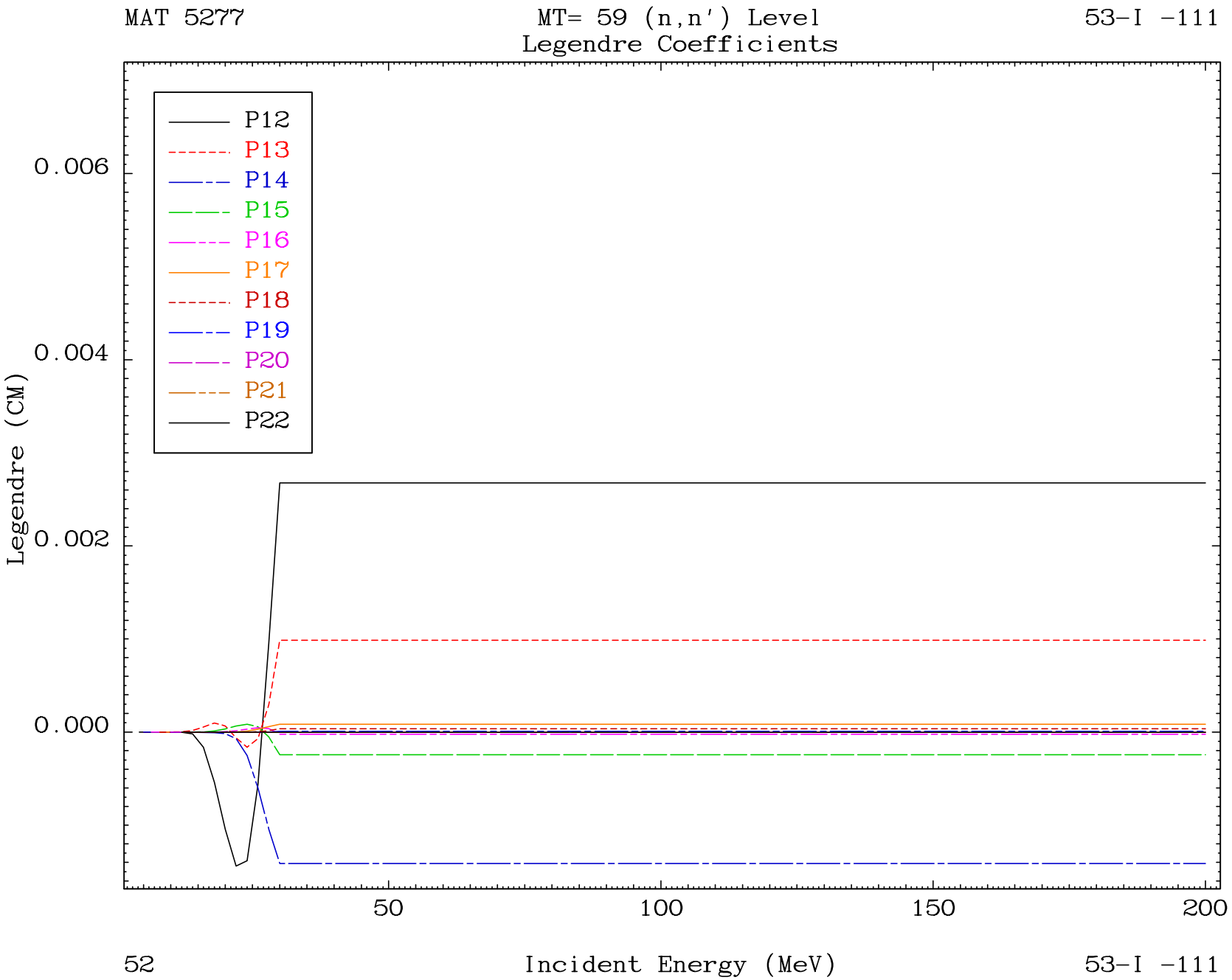

MAT 5277
MT= 58 (n,n') Level
Legendre Coefficients
53-I -111
Legendre (CM)
0.4
0.3
0.2
0.1
0.0
0
50
100
150
200
P1
P2
P3
P4
P5
P6
P7
P8
P9
47
Incident Energy (MeV)
53-I -111

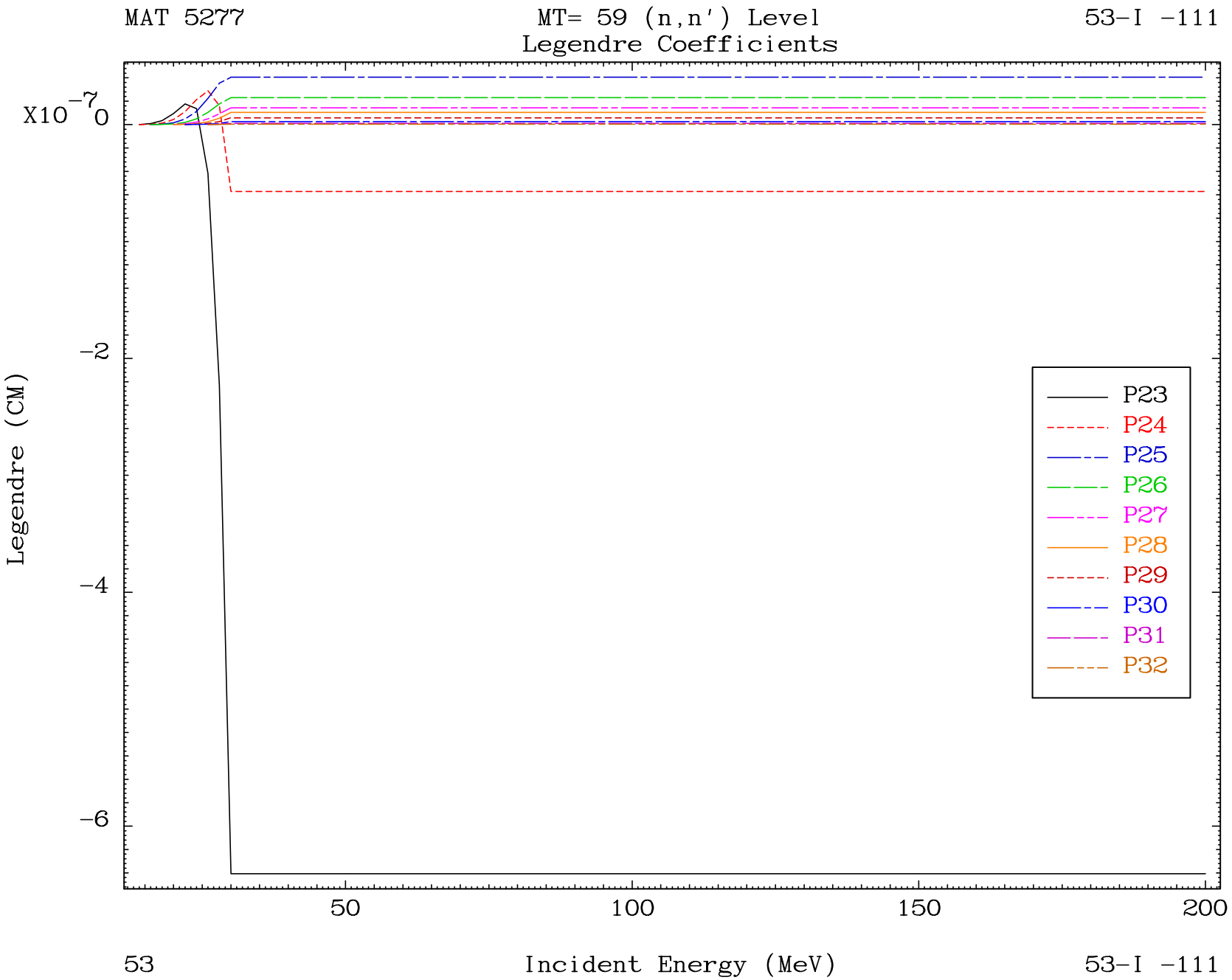

MAT 5277
MT= 58 (n,n') Level
Legendre Coefficients
53-I -111
0.008
0.006
0.004
0.002
0.000
-0.002
-0.004
Legendre (CM)
P10
P11
P12
P13
P14
P15
P16
P17
P18
0
50
100
150
200
48
Incident Energy (MeV)
53-I -111

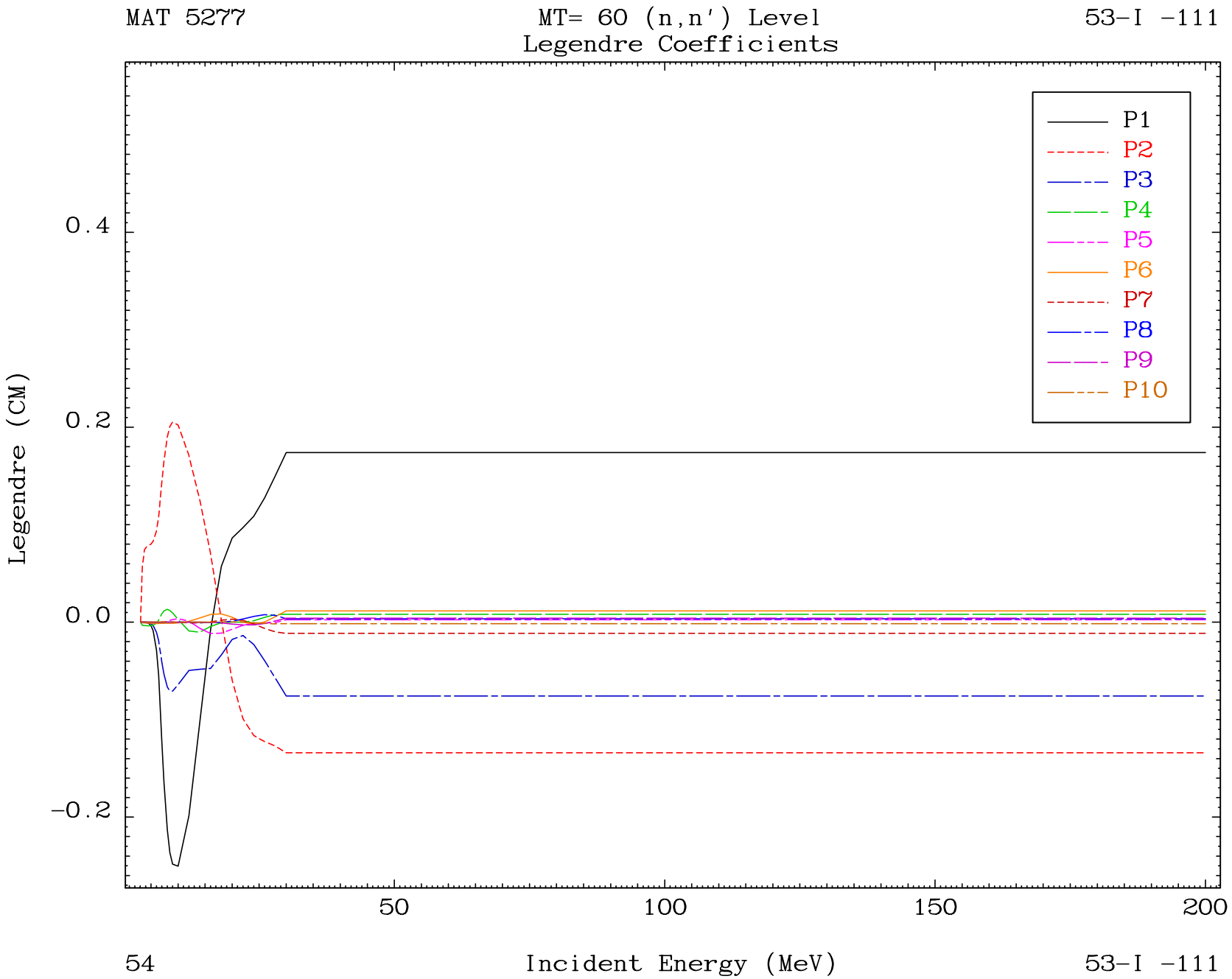

MAT 5277
MT= 58 (n,n') Level
Legendre Coefficients
53-I -111
X10^-4
0.0
-0.2
-0.4
-0.6
-0.8
-1.0
-1.2
Legendre (CM)
50
100
150
200
Incident Energy (MeV)
P19
P20
P21
P22
P23
P24
P25
P26
P27
49
53-I -111

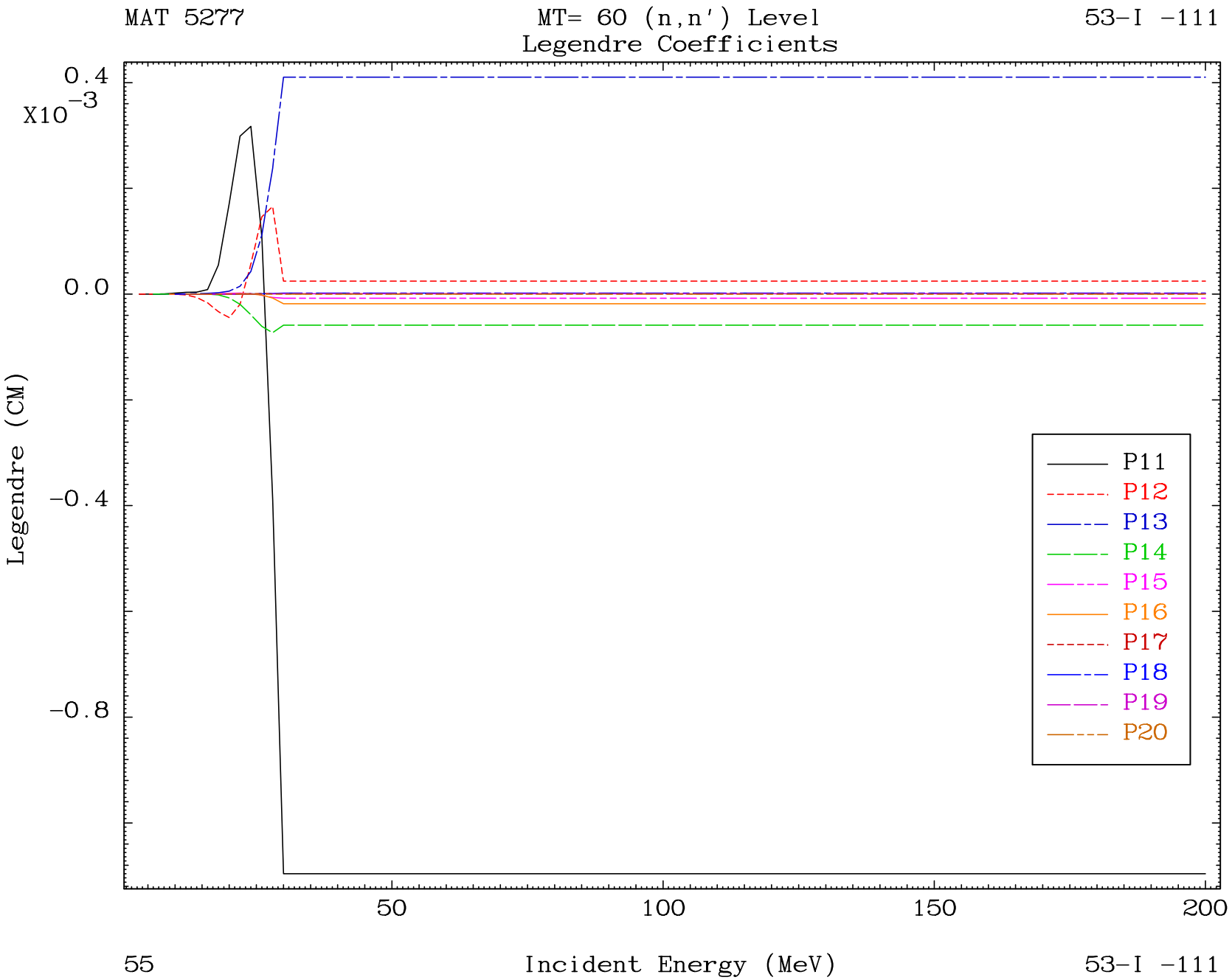

MAT 5277
MT= 58 (n,n') Level
Legendre Coefficients
53-I -111
X10-7
1.5
1.0
0.5
0.0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
50
100
150
200
50
Incident Energy (MeV)
53-I -111

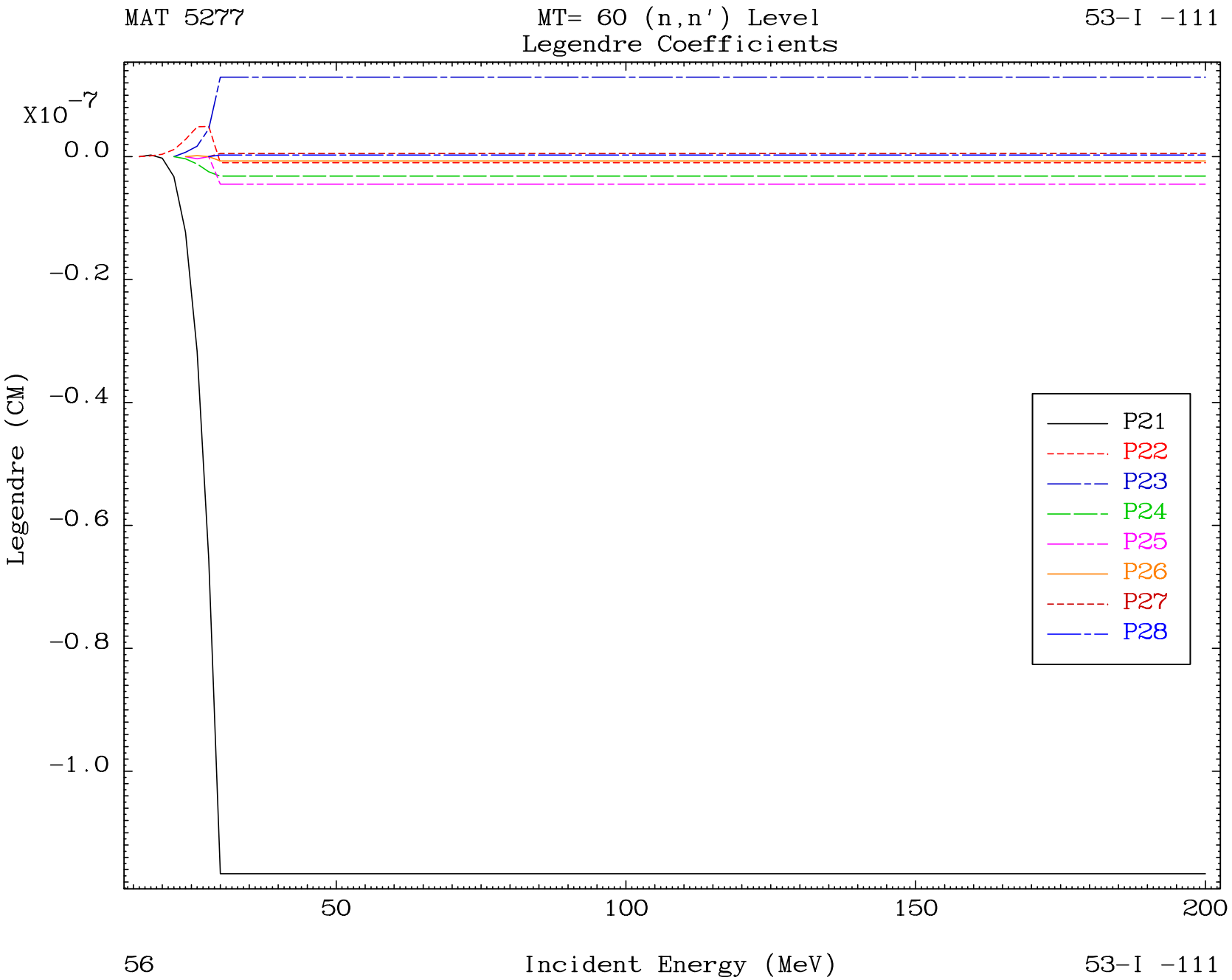

MAT 5277
MT= 59 (n,n') Level
Legendre Coefficients
53-I -111
0.3
0.2
0.1
0.0
-0.1
Legendre (CM)
50
100
150
200
51
Incident Energy (MeV)
53-I -111
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10
P11

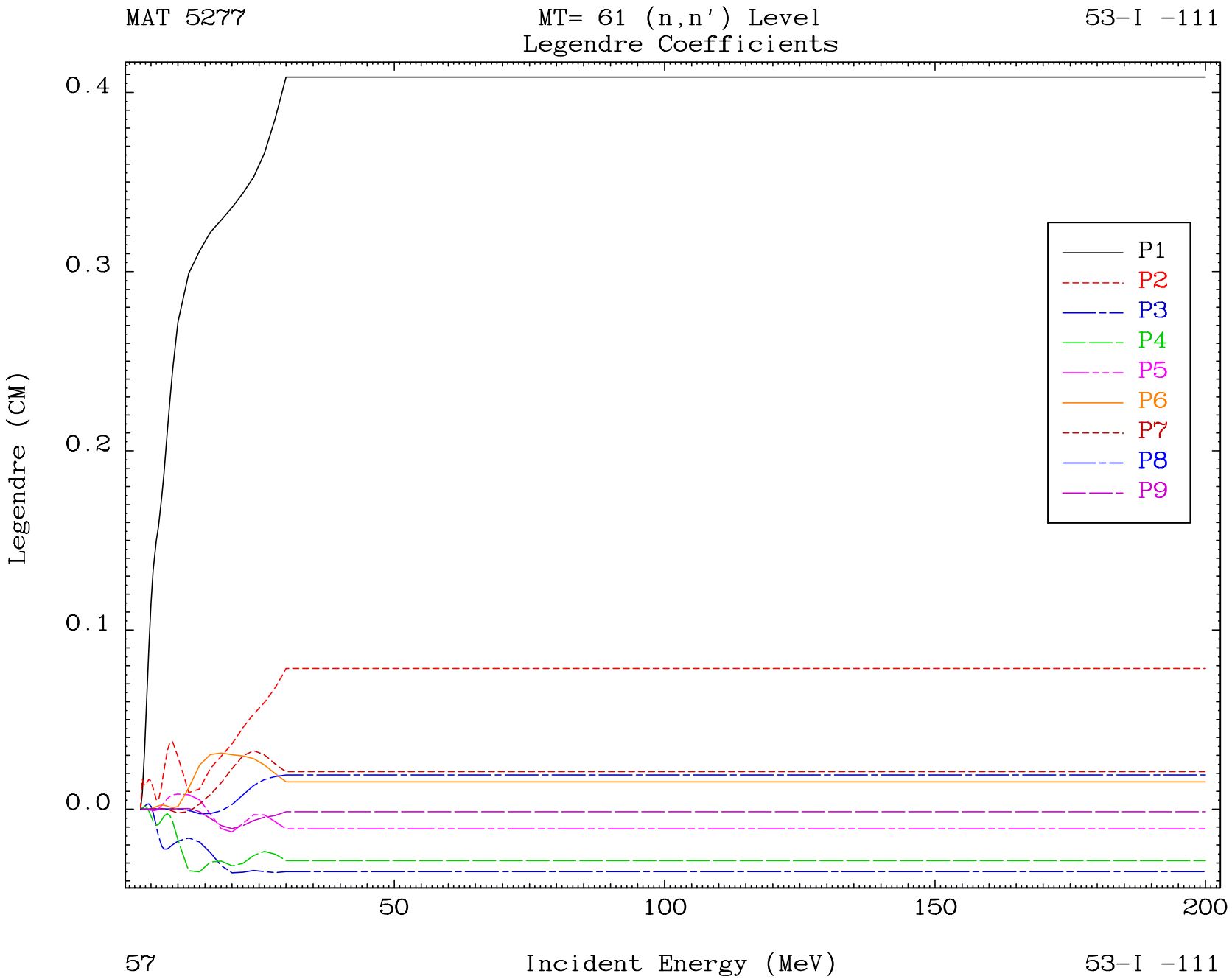

MAT 5277
MT= 59 (n,n') Level
Legendre Coefficients
53-I -111
P12
P13
P14
P15
P16
P17
P18
P19
P20
P21
P22
0.006
0.004
0.002
0.000
Legendre (CM)
50
100
150
200
52
Incident Energy (MeV)
53-I -111

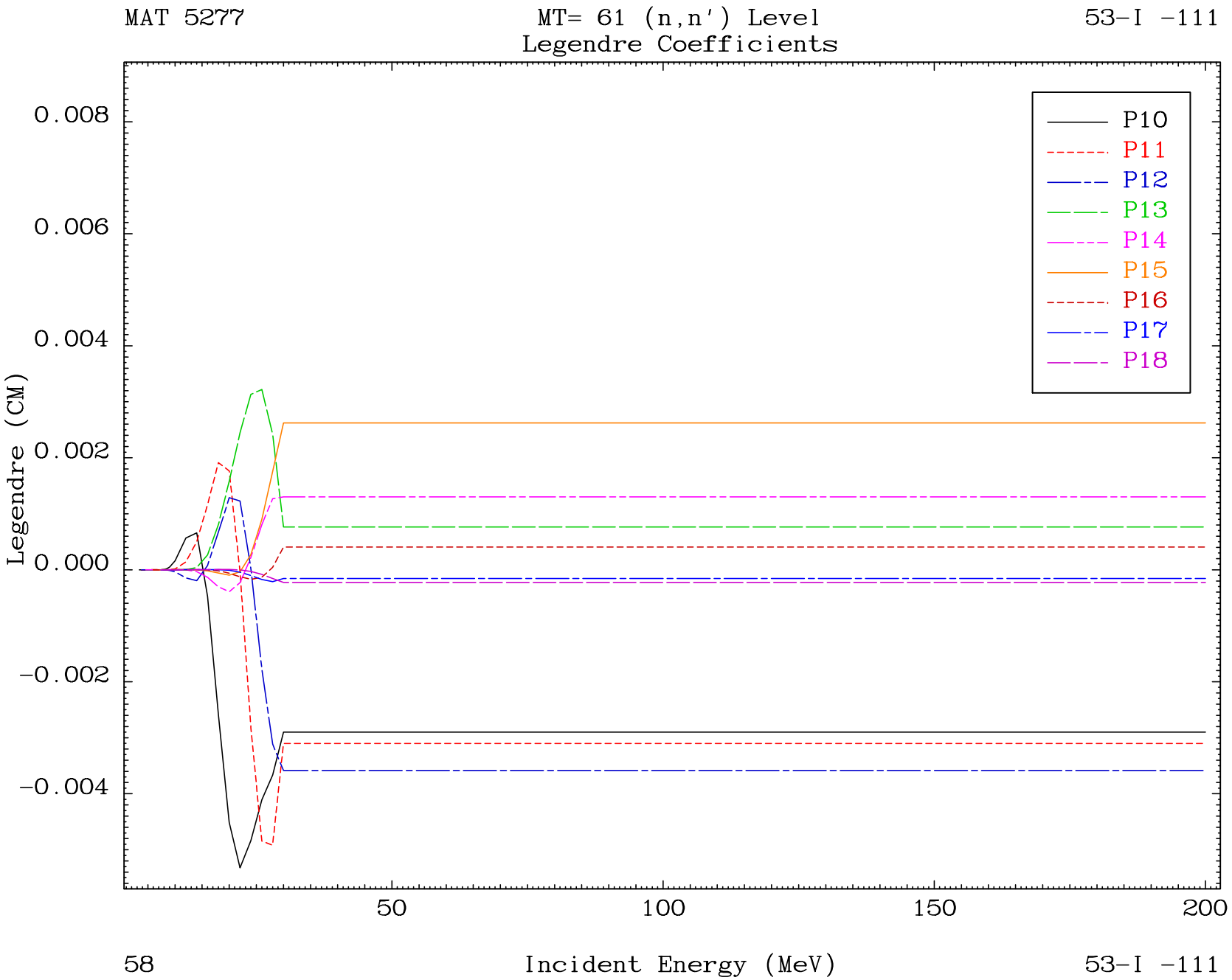

MAT 5277
MT= 59 (n,n') Level
Legendre Coefficients
53-I -111
X10^-7
0
-2
-4
-6
Legendre (CM)
50
100
150
200
53
Incident Energy (MeV)
53-I -111
P23
P24
P25
P26
P27
P28
P29
P30
P31
P32

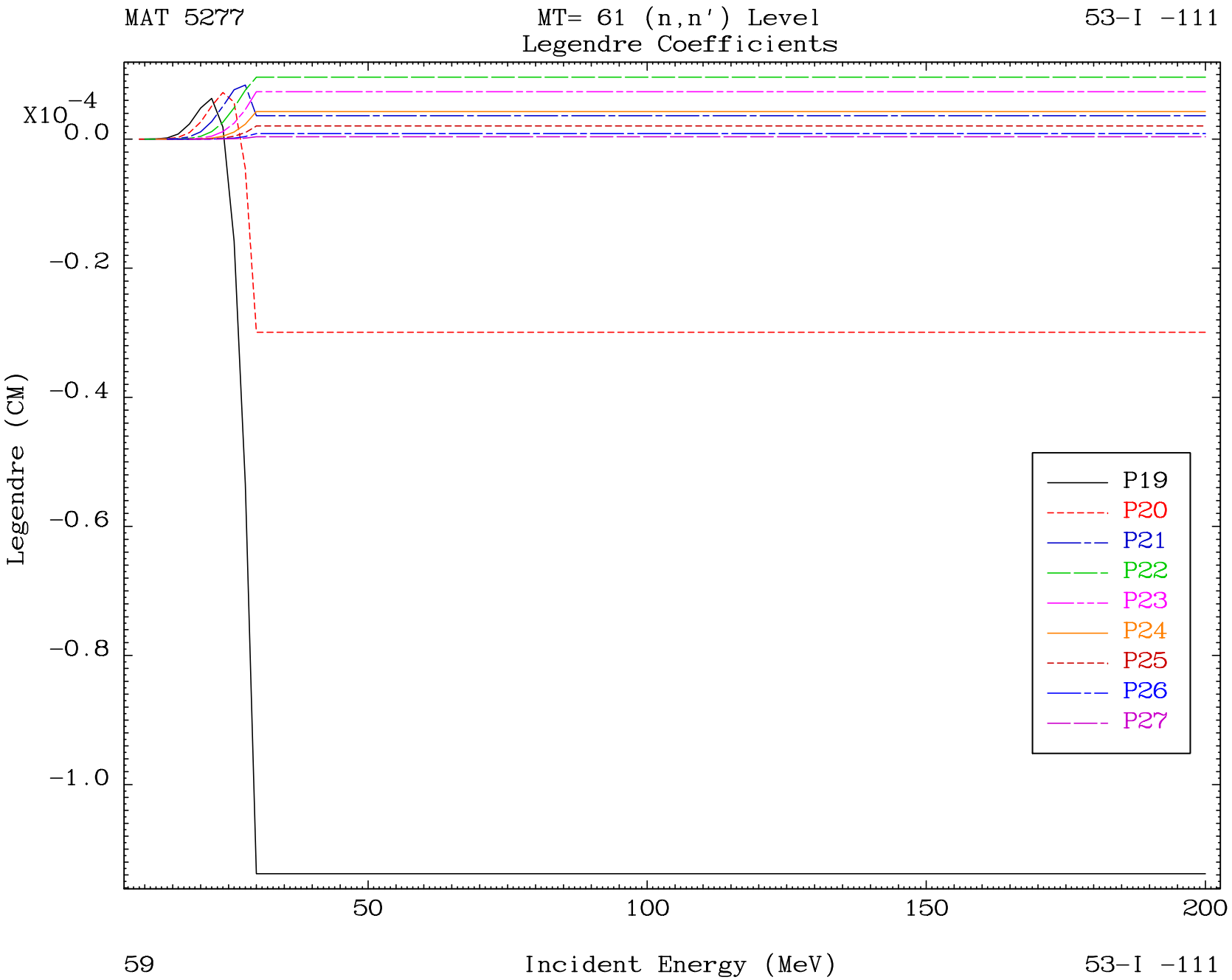

MAT 5277
MT= 60 (n,n') Level
Legendre Coefficients
53-I -111
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10
0.4
0.2
0.0
-0.2
Legendre (CM)
50
100
150
200
54
Incident Energy (MeV)
53-I -111

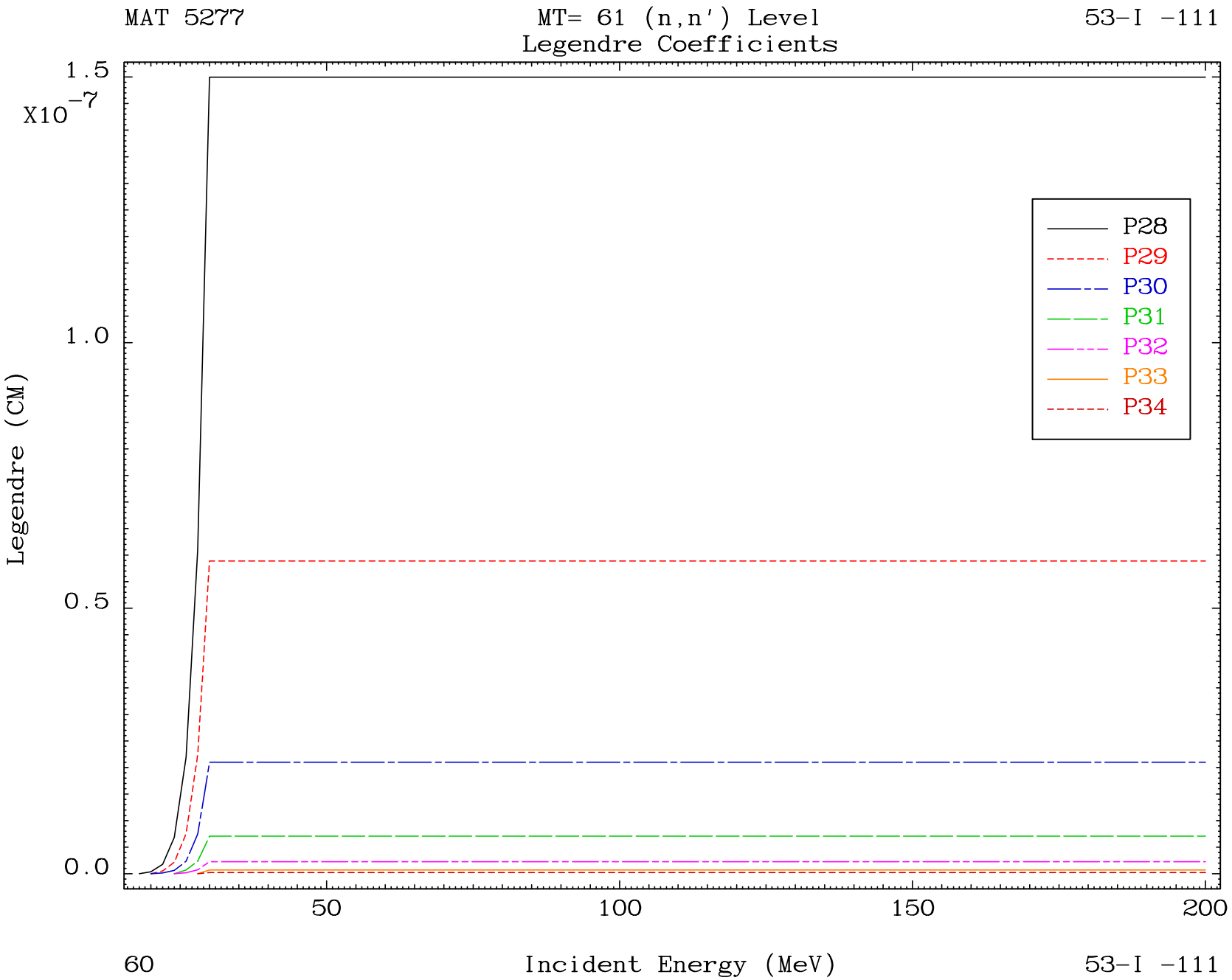

MAT 5277
MT= 60 (n,n') Level
Legendre Coefficients
53-I -111
0.4
X10-3
0.0
-0.4
-0.8
Legendre (CM)
50
100
150
200
55
Incident Energy (MeV)
53-I -111
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20

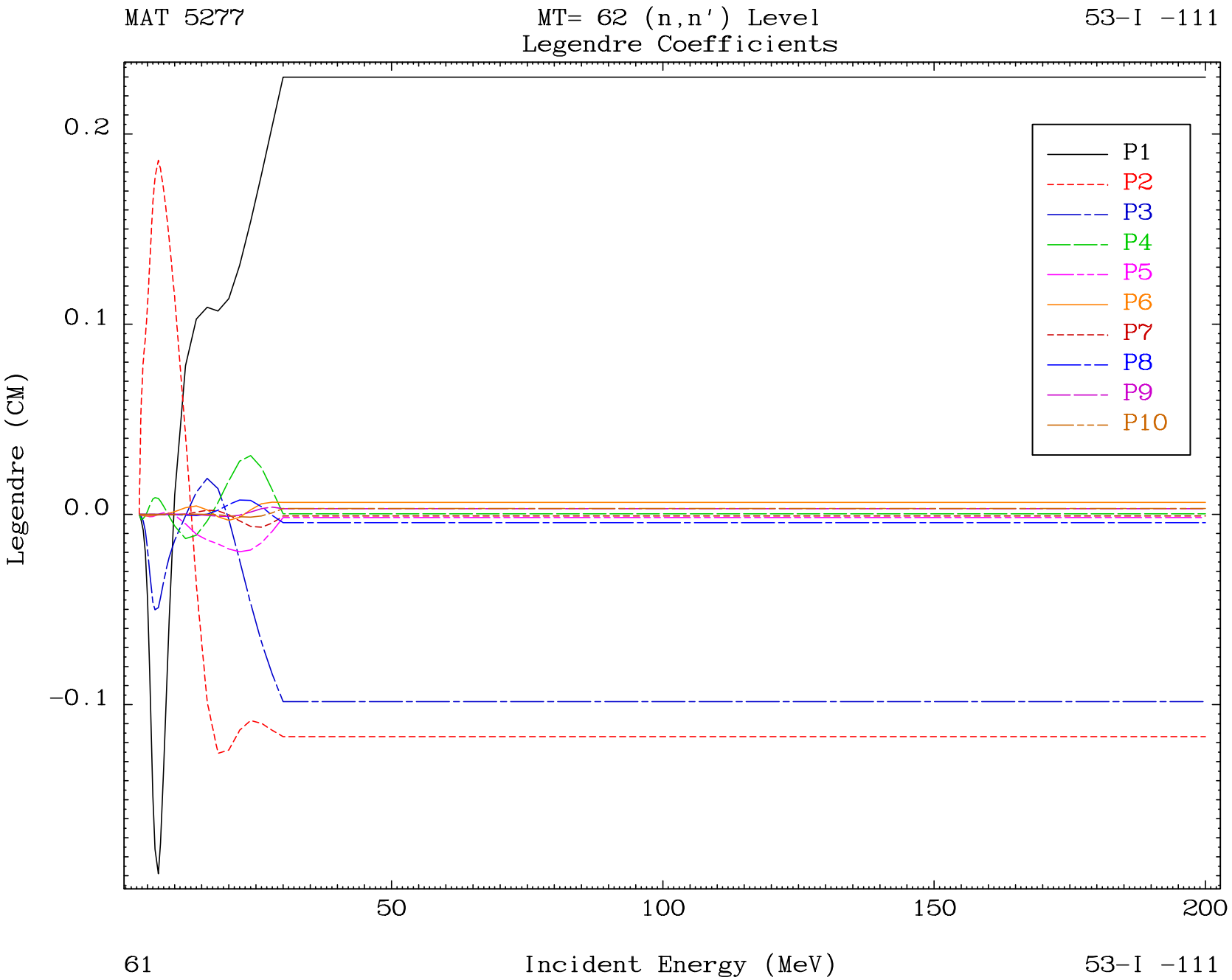

MAT 5277
MT= 60 (n,n') Level
Legendre Coefficients
53-I -111
X10-7
0.0
-0.2
-0.4
-0.6
-0.8
-1.0
Legendre (CM)
P21
P22
P23
P24
P25
P26
P27
P28
50
100
150
200
56
Incident Energy (MeV)
53-I -111

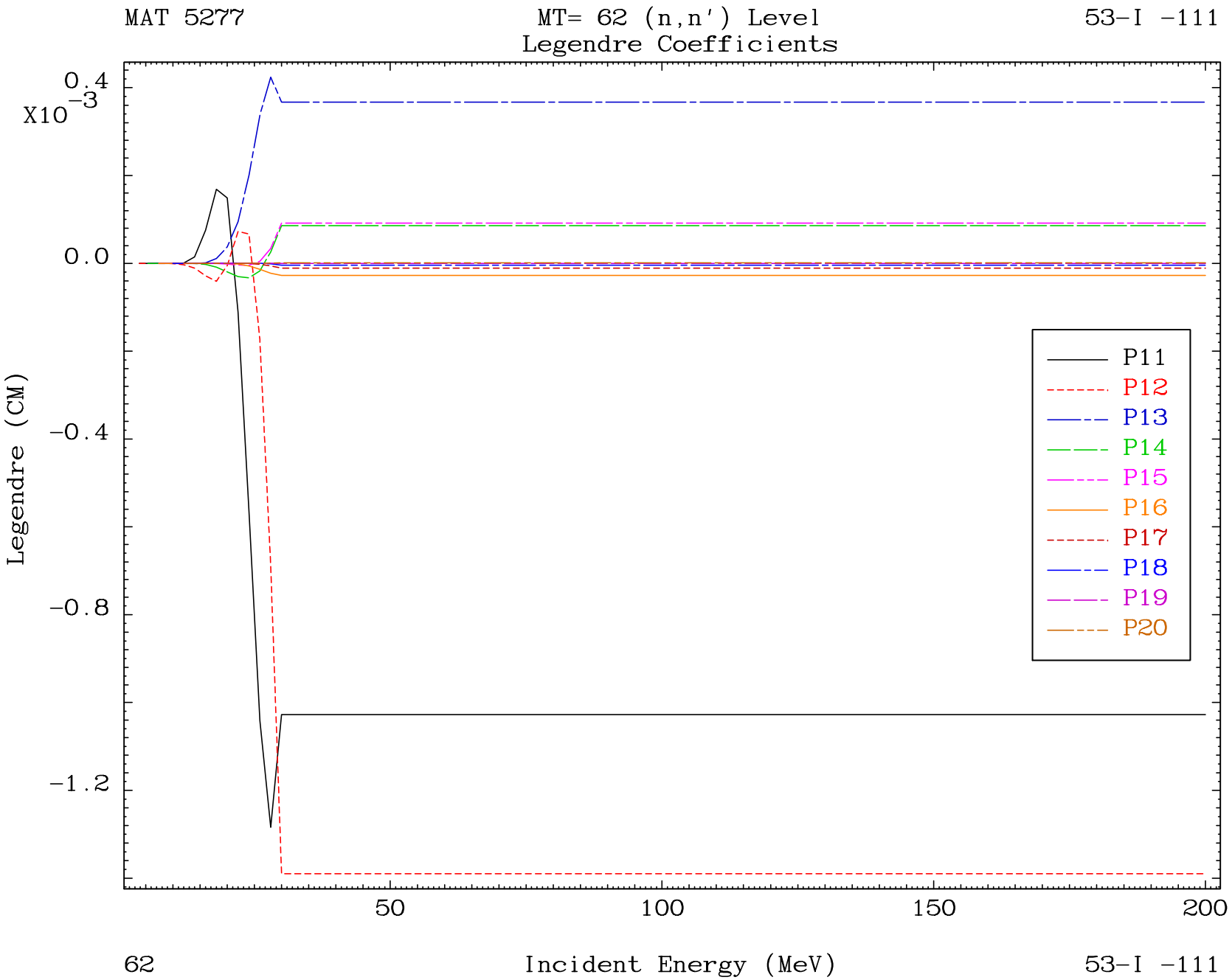

MAT 5277
MT= 61 (n,n') Level
Legendre Coefficients
53-I -111
0.4
0.3
0.2
0.1
0.0
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
50
100
150
200
57
Incident Energy (MeV)
53-I -111

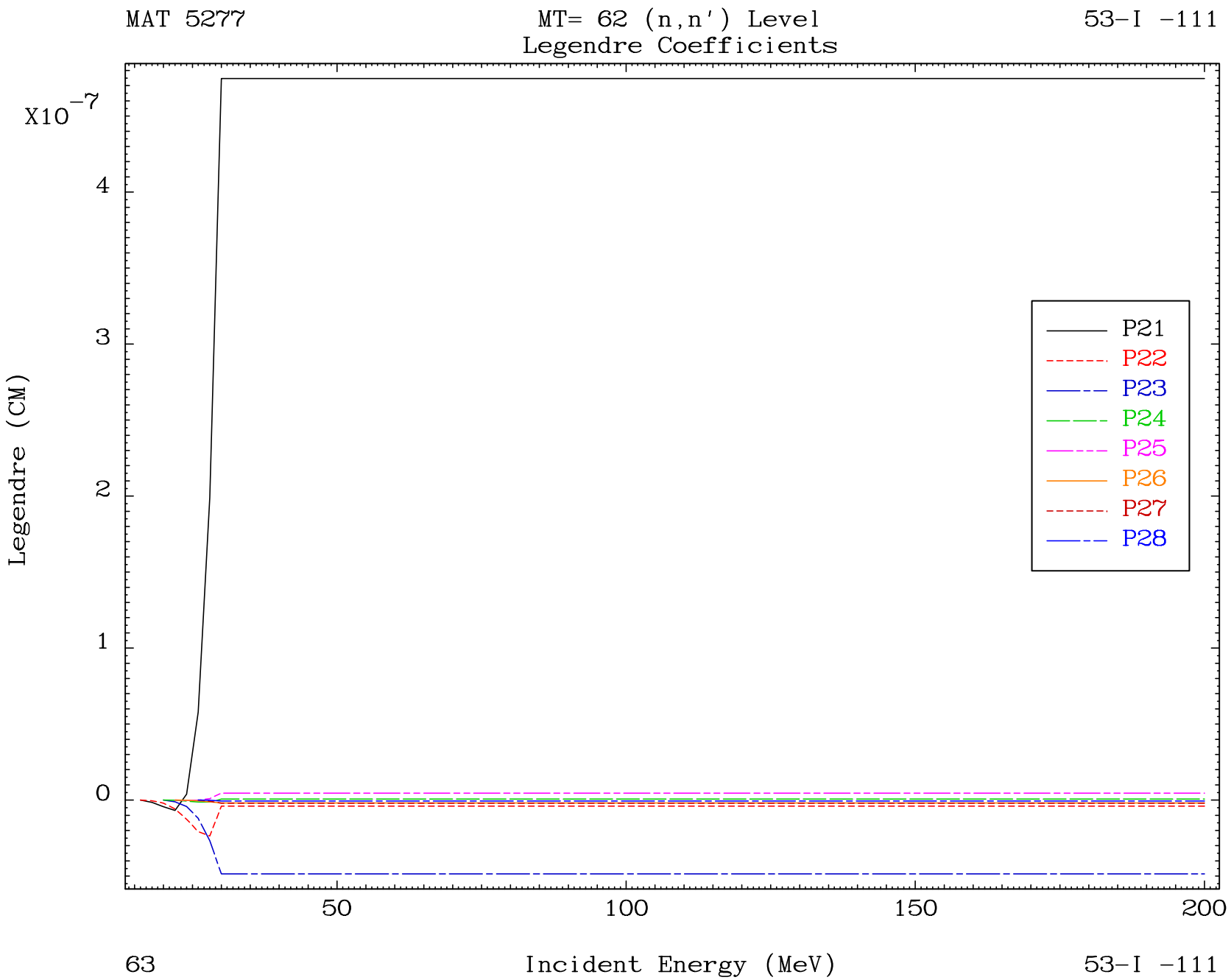

MAT 5277
MT= 61 (n,n') Level
Legendre Coefficients
53-I -111
0.008
0.006
0.004
0.002
0.000
-0.002
-0.004
Legendre (CM)
P10
P11
P12
P13
P14
P15
P16
P17
P18
50
100
150
200
58
Incident Energy (MeV)
53-I -111

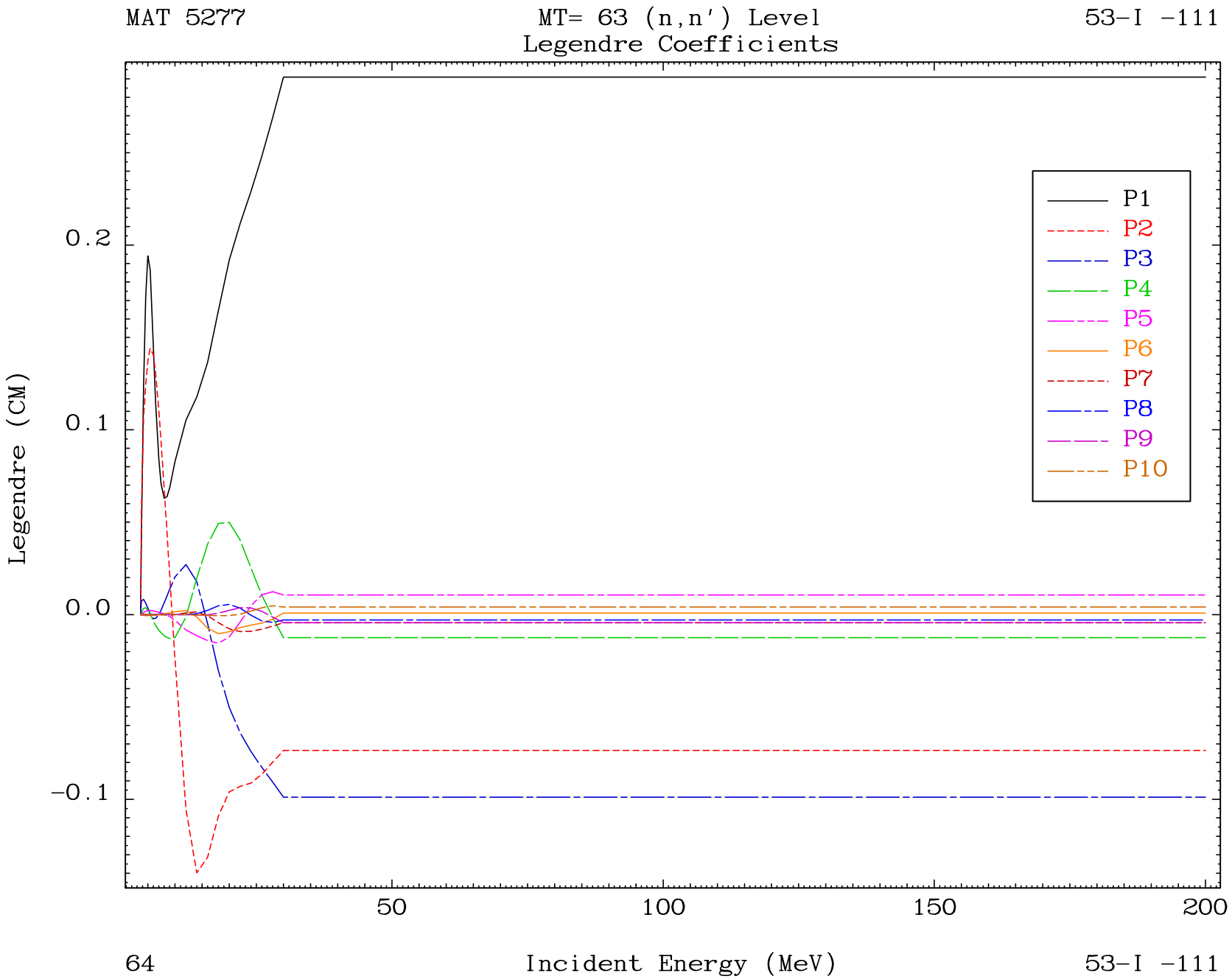

MAT 5277
MT= 61 (n,n') Level
Legendre Coefficients
53-I -111
X10^-4
0.0
-0.2
-0.4
-0.6
-0.8
-1.0
Legendre (CM)
50
100
150
200
P19
P20
P21
P22
P23
P24
P25
P26
P27
59
Incident Energy (MeV)
53-I -111

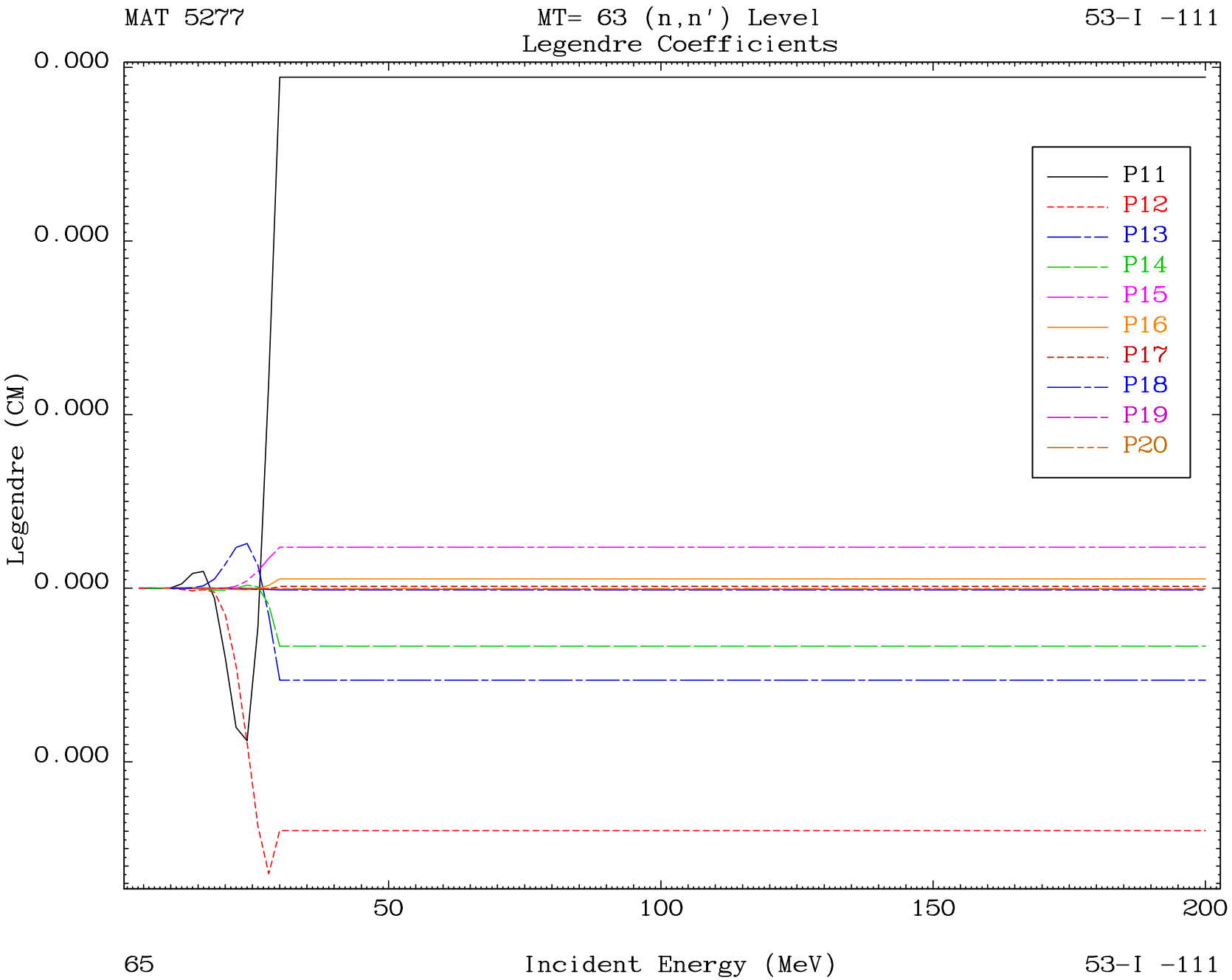

MAT 5277
MT= 61 (n,n') Level
Legendre Coefficients
53-I -111
1.5
X10^-7
1.0
0.5
0.0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
50
100
150
200
60
Incident Energy (MeV)
53-I -111

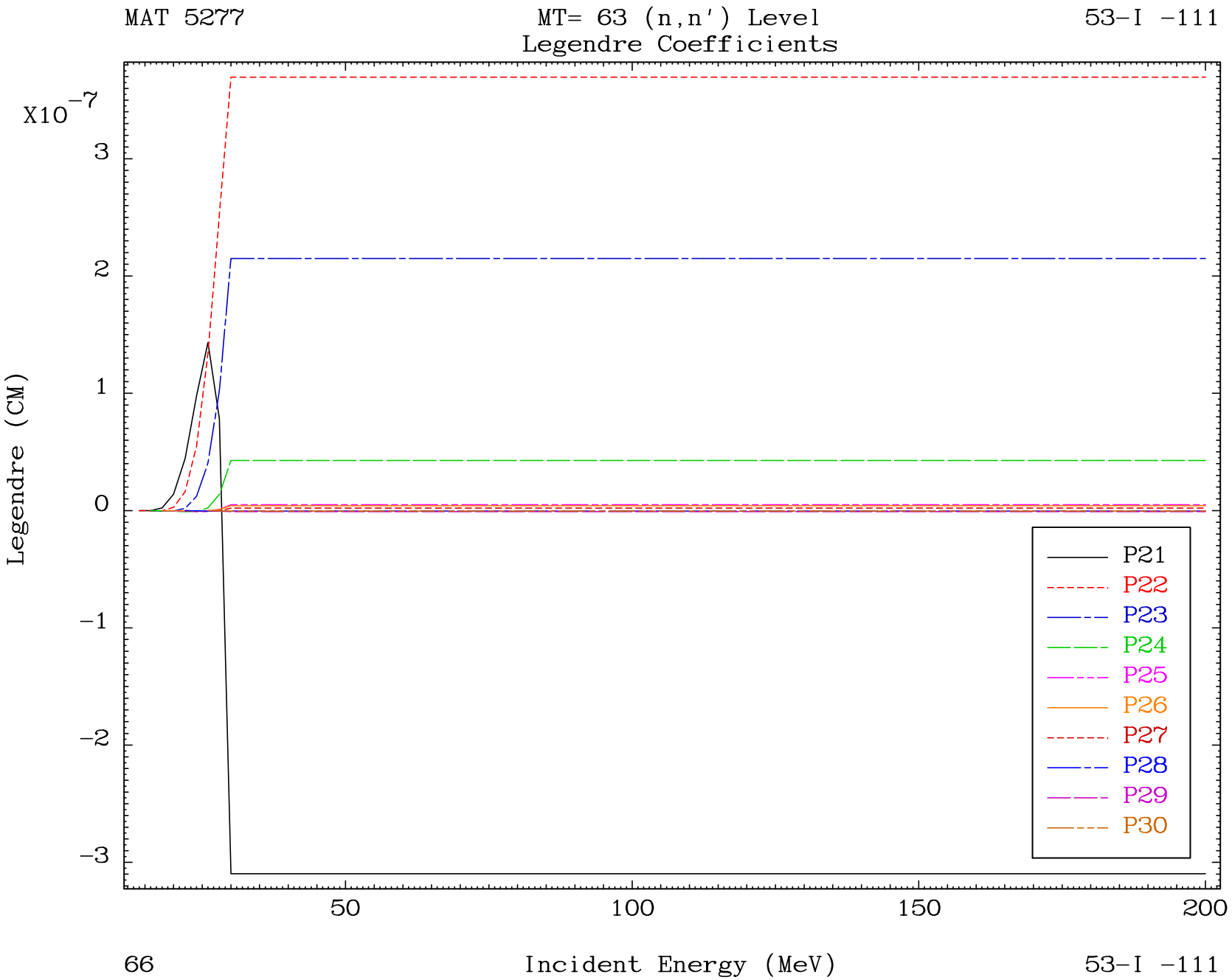

MAT 5277
MT= 62 (n,n') Level
Legendre Coefficients
53-I -111
0.2
0.1
0.0
-0.1
Legendre (CM)
50
100
150
200
61
Incident Energy (MeV)
53-I -111
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10

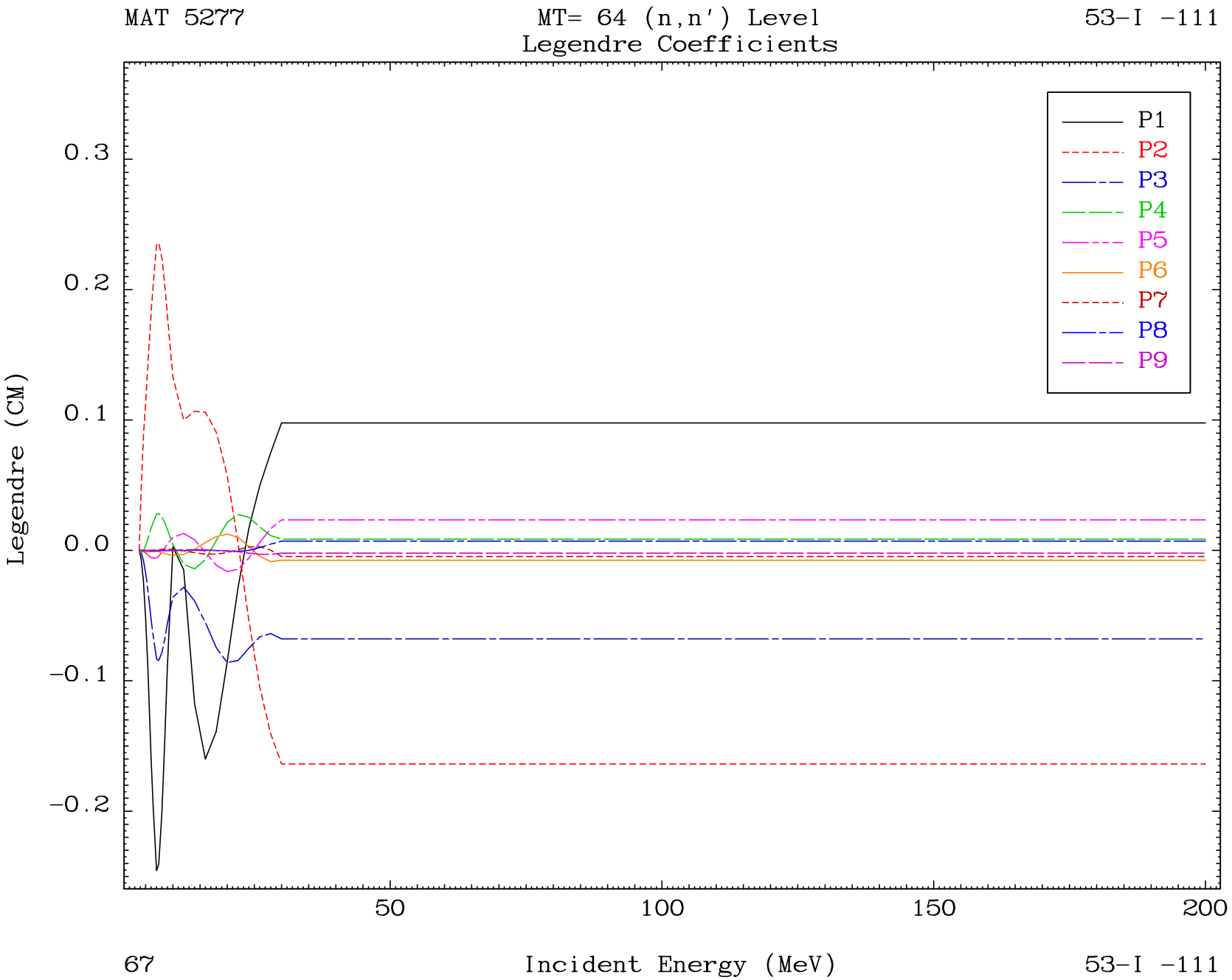

MAT 5277
MT= 62 (n,n') Level
Legendre Coefficients
53-I -111
X10^-3
0.4
0.0
-0.4
-0.8
-1.2
Legendre (CM)
50
100
150
200
62
Incident Energy (MeV)
53-I -111
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20

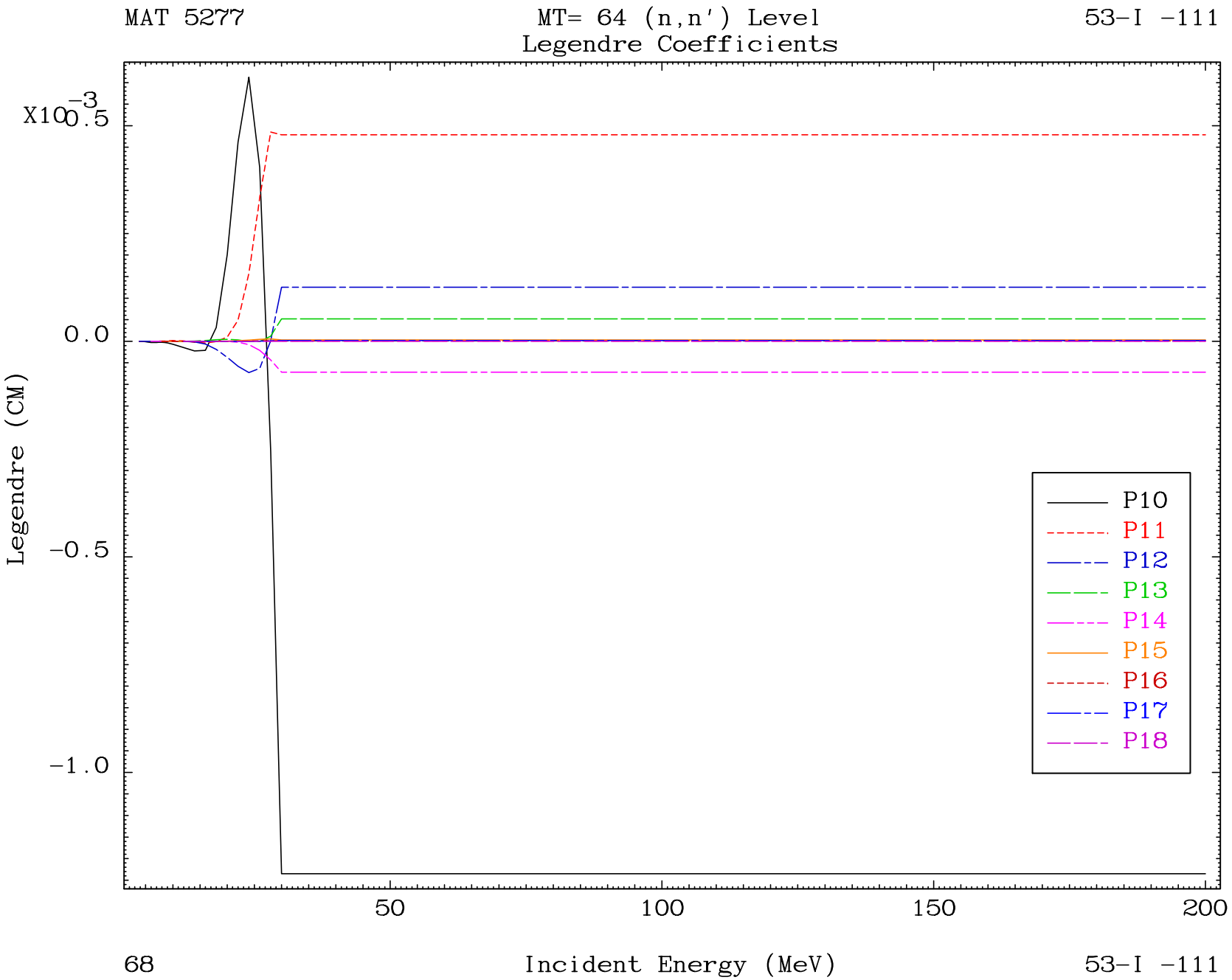

MAT 5277
MT= 62 (n,n') Level
Legendre Coefficients
53-I -111
X10-7
4
3
2
1
0
Legendre (CM)
P21
P22
P23
P24
P25
P26
P27
P28
50
100
150
200
63
Incident Energy (MeV)
53-I -111

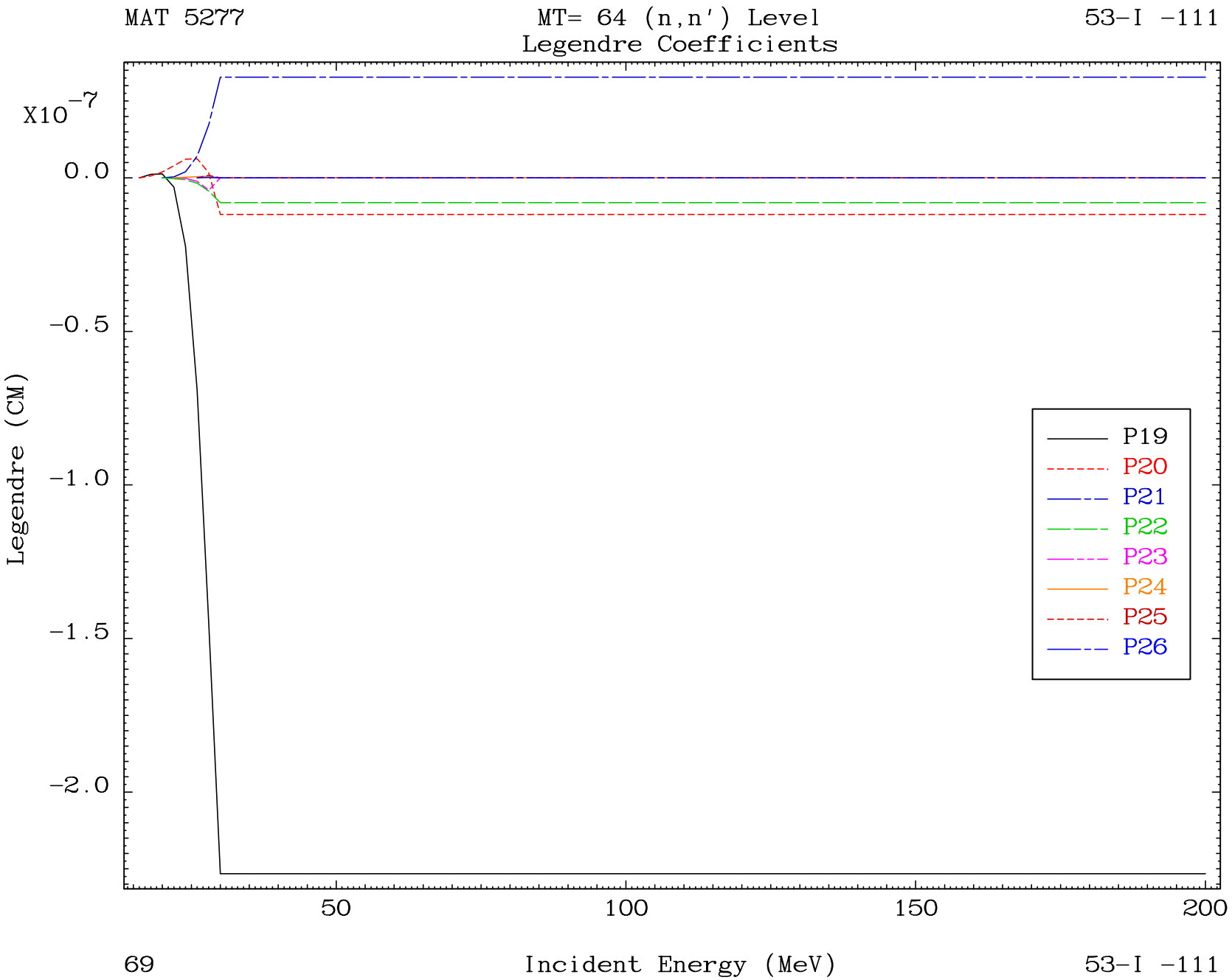

MAT 5277
MT= 63 (n,n') Level
Legendre Coefficients
53-I -111
Legendre (CM)
0.2
0.1
0.0
-0.1
50
100
150
200
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10
64
Incident Energy (MeV)
53-I -111

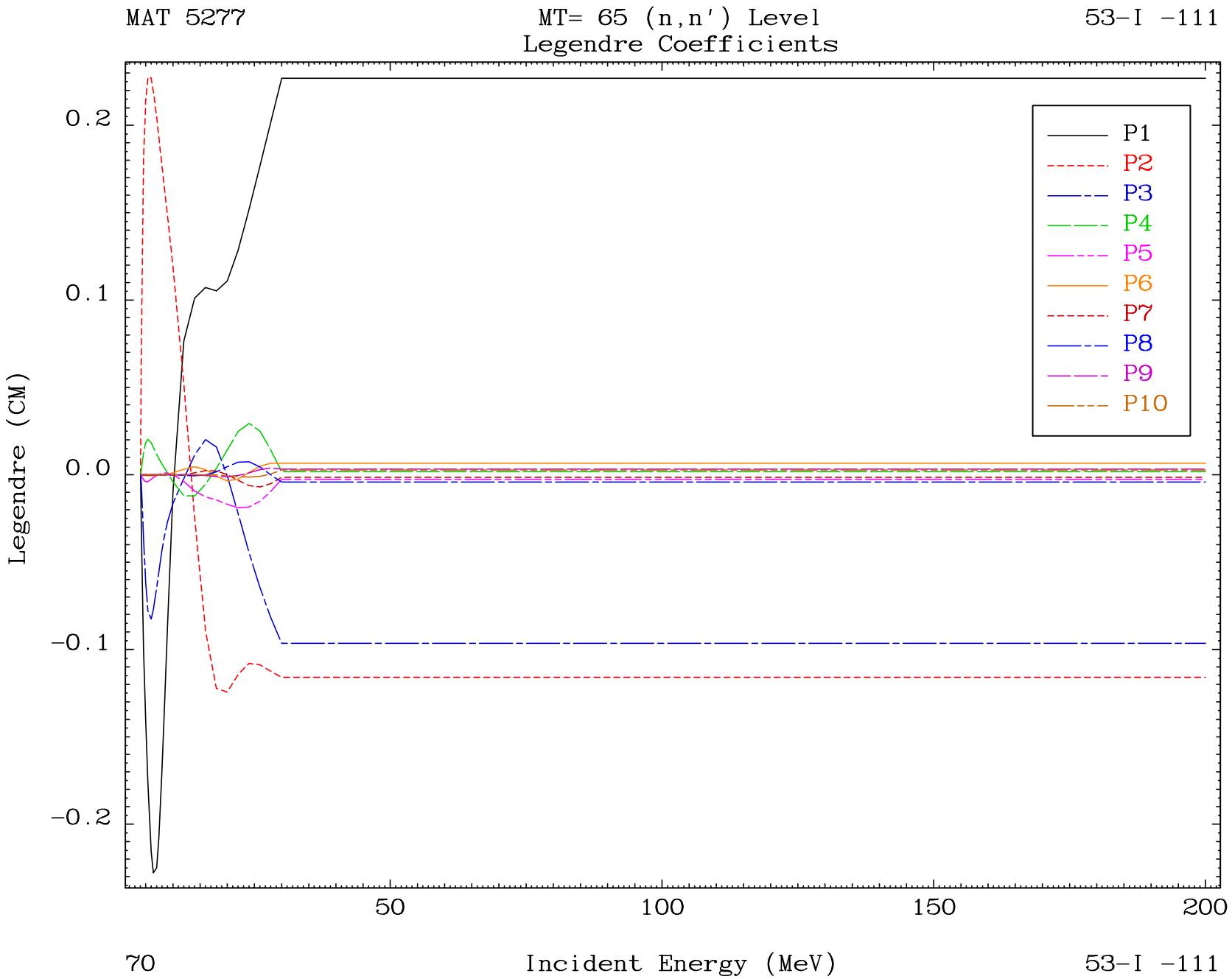

MAT 5277
MT= 63 (n,n') Level
Legendre Coefficients
53-I -111
0.000
0.000
0.000
0.000
Legendre (CM)
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20
50
100
150
200
65
Incident Energy (MeV)
53-I -111

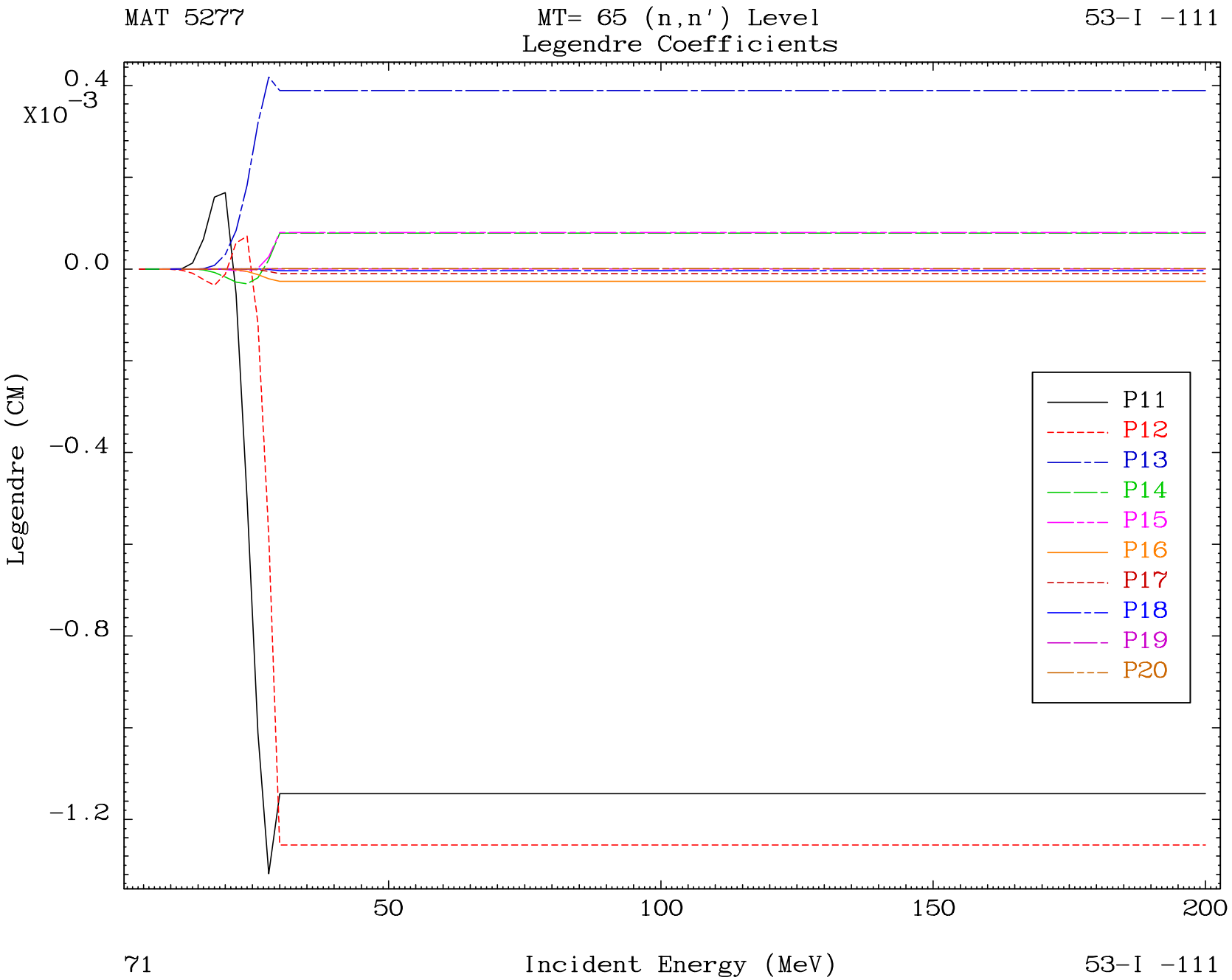

MAT 5277
MT= 63 (n,n') Level
Legendre Coefficients
53-I -111
X10^-7
3
2
1
0
-1
-2
-3
Legendre (CM)
50
100
150
200
P21
P22
P23
P24
P25
P26
P27
P28
P29
P30
66
Incident Energy (MeV)
53-I -111

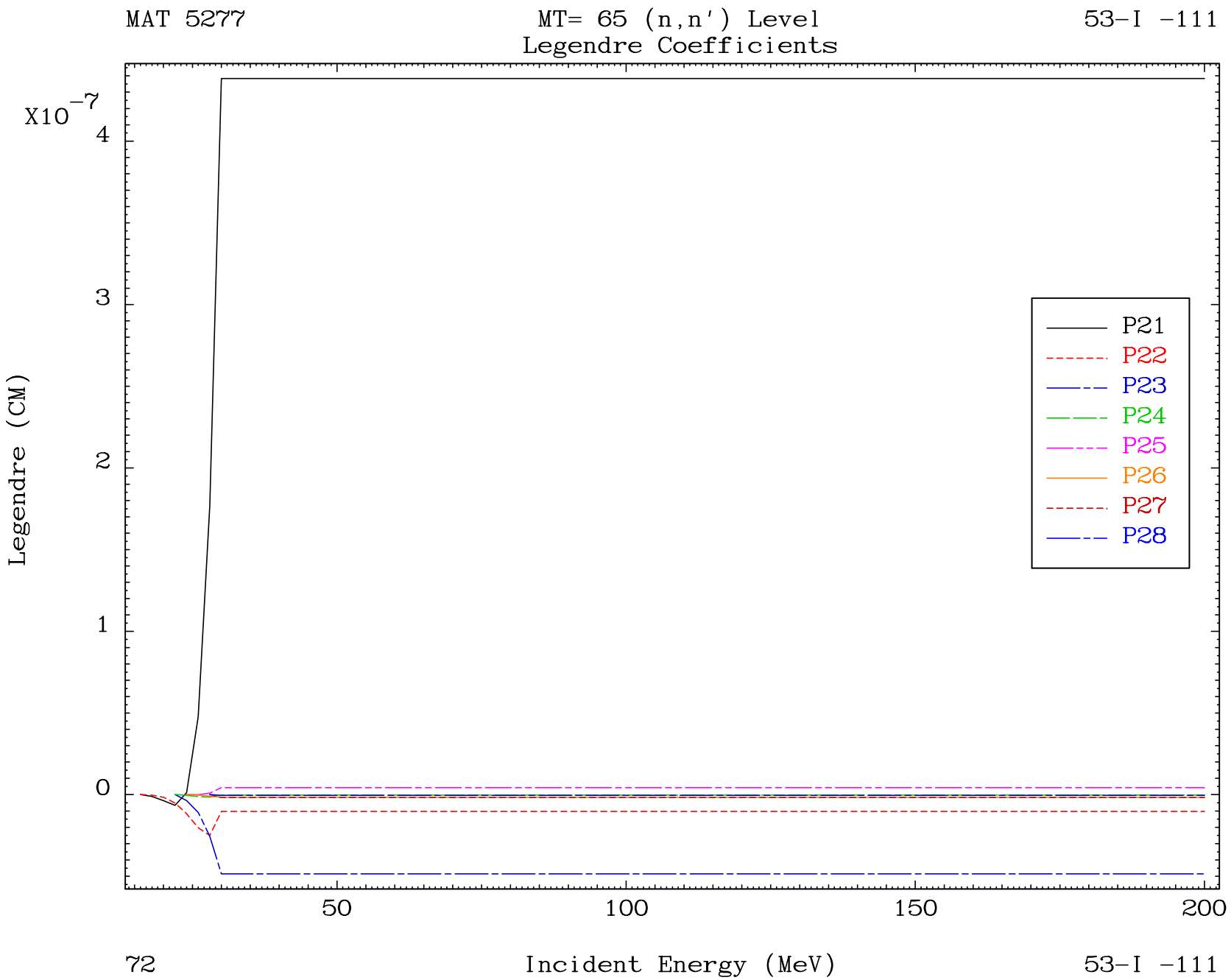

MAT 5277
MT= 64 (n,n') Level
Legendre Coefficients
53-I -111
P1
P2
P3
P4
P5
P6
P7
P8
P9
0.3
0.2
0.1
0.0
-0.1
-0.2
Legendre (CM)
50
100
150
200
67
Incident Energy (MeV)
53-I -111

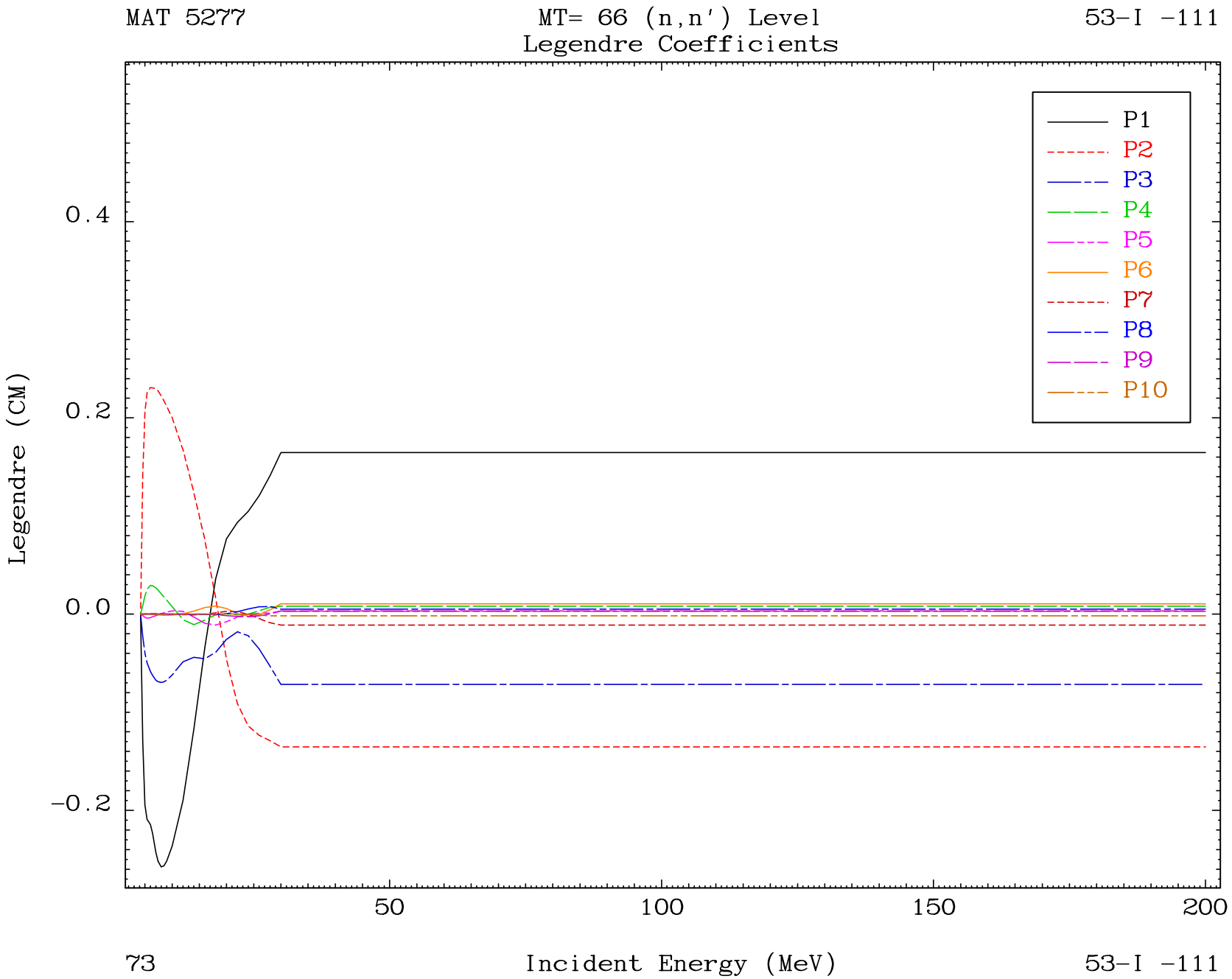

MAT 5277
MT= 64 (n,n') Level
Legendre Coefficients
53-I -111
X10-3
0.5
0.0
-0.5
-1.0
Legendre (CM)
50
100
150
200
68
Incident Energy (MeV)
53-I -111
P10
P11
P12
P13
P14
P15
P16
P17
P18

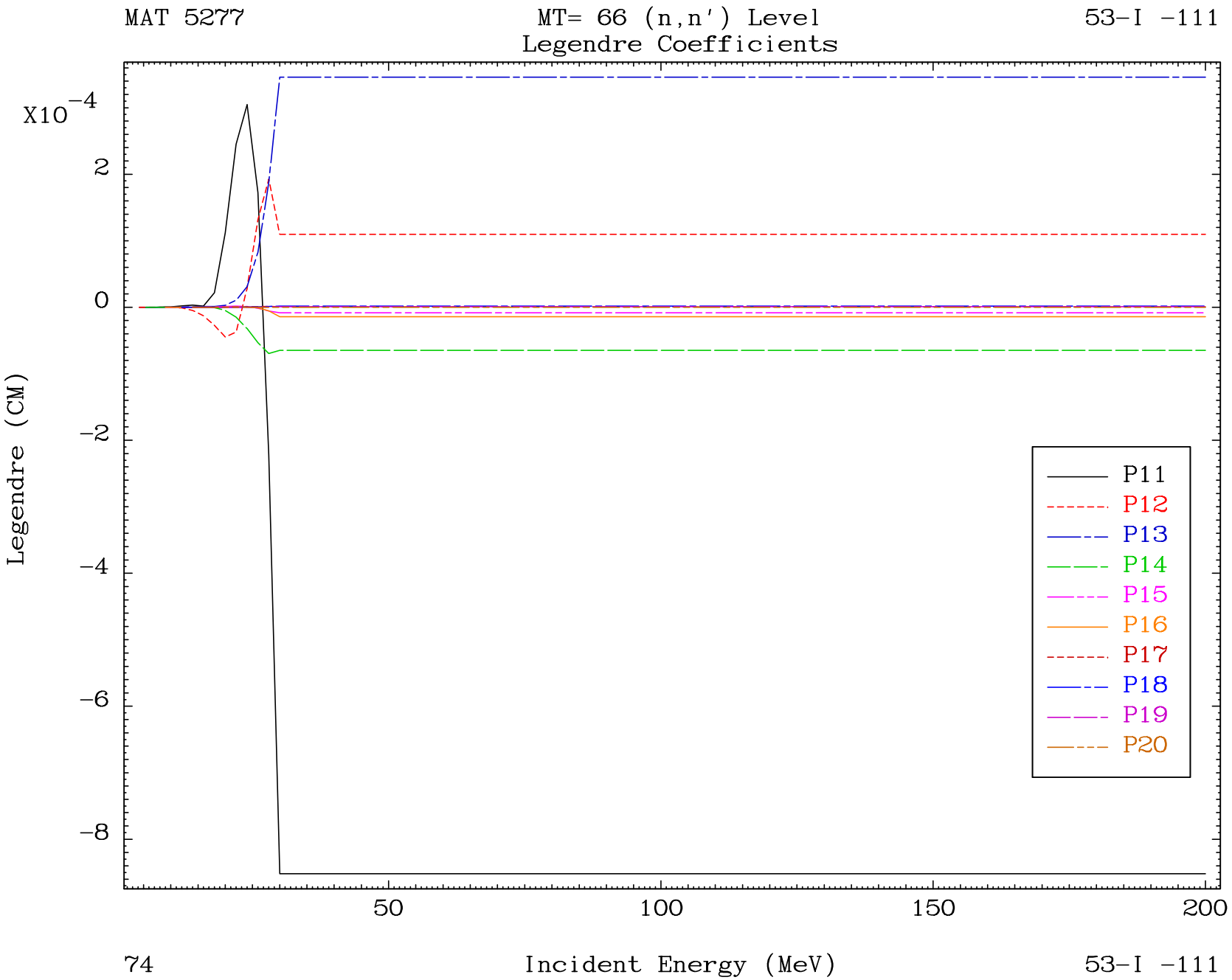

MAT 5277
MT= 64 (n,n') Level
Legendre Coefficients
53-I -111
X10-7
0.0
-0.5
-1.0
-1.5
-2.0
Legendre (CM)
50
100
150
200
69
Incident Energy (MeV)
53-I -111
P19
P20
P21
P22
P23
P24
P25
P26

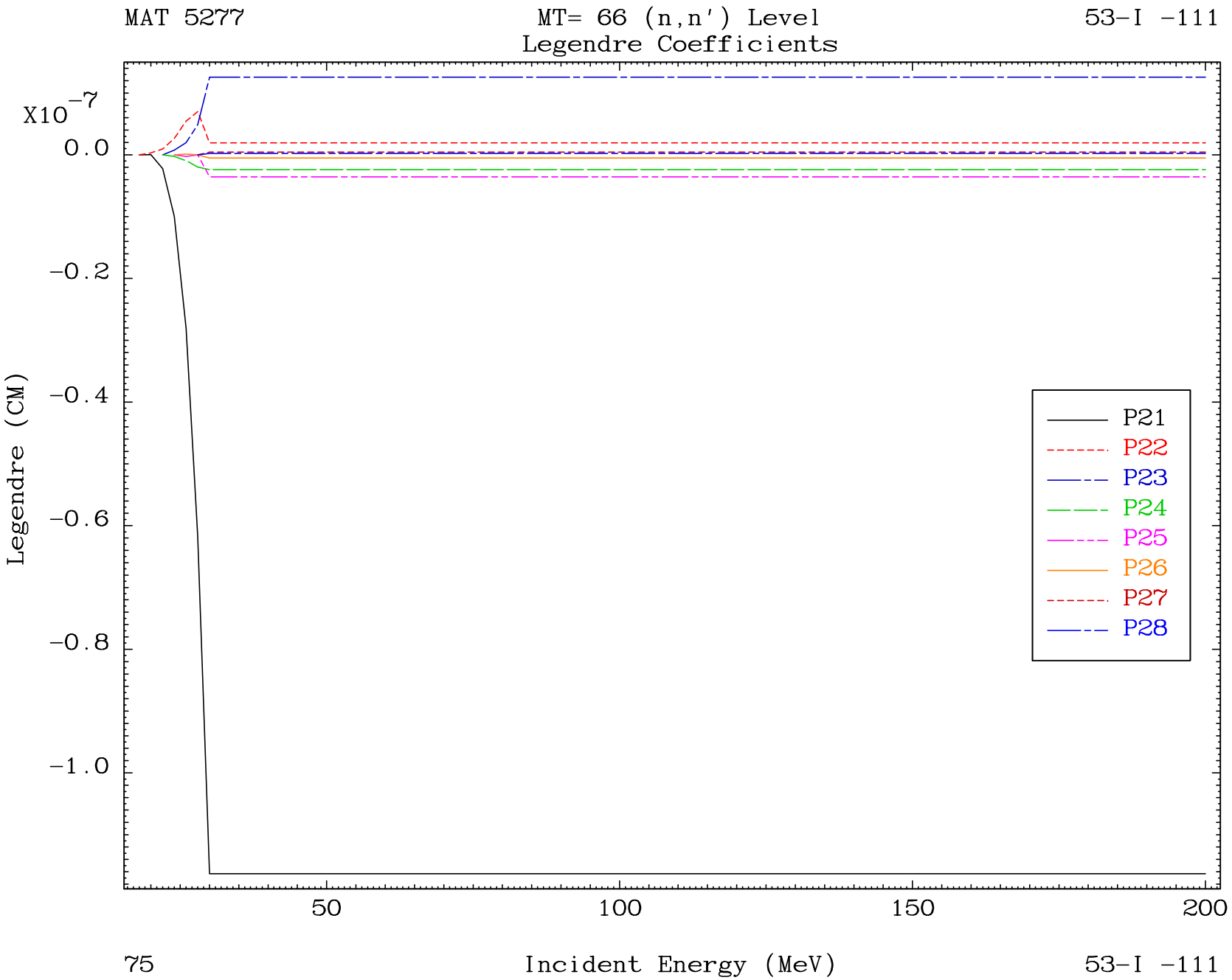

MAT 5277
MT= 65 (n,n') Level
Legendre Coefficients
53-I -111
0.2
0.1
0.0
-0.1
-0.2
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10
50
100
150
200
70
Incident Energy (MeV)
53-I -111

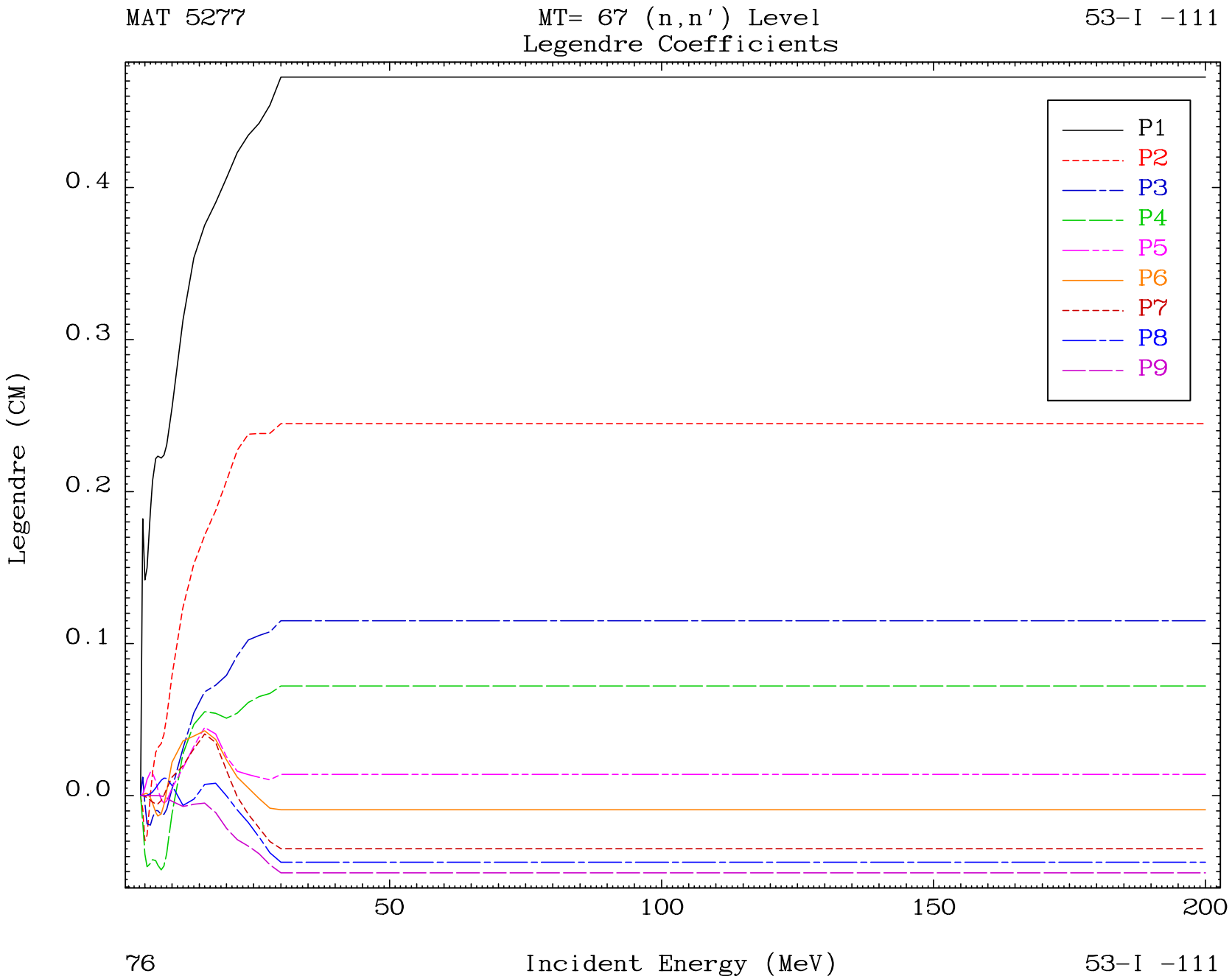

MAT 5277
MT= 65 (n,n') Level
Legendre Coefficients
53-I -111
X10 -3
0.4
0.0
-0.4
-0.8
-1.2
Legendre (CM)
50
100
150
200
Incident Energy (MeV)
71
53-I -111
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20

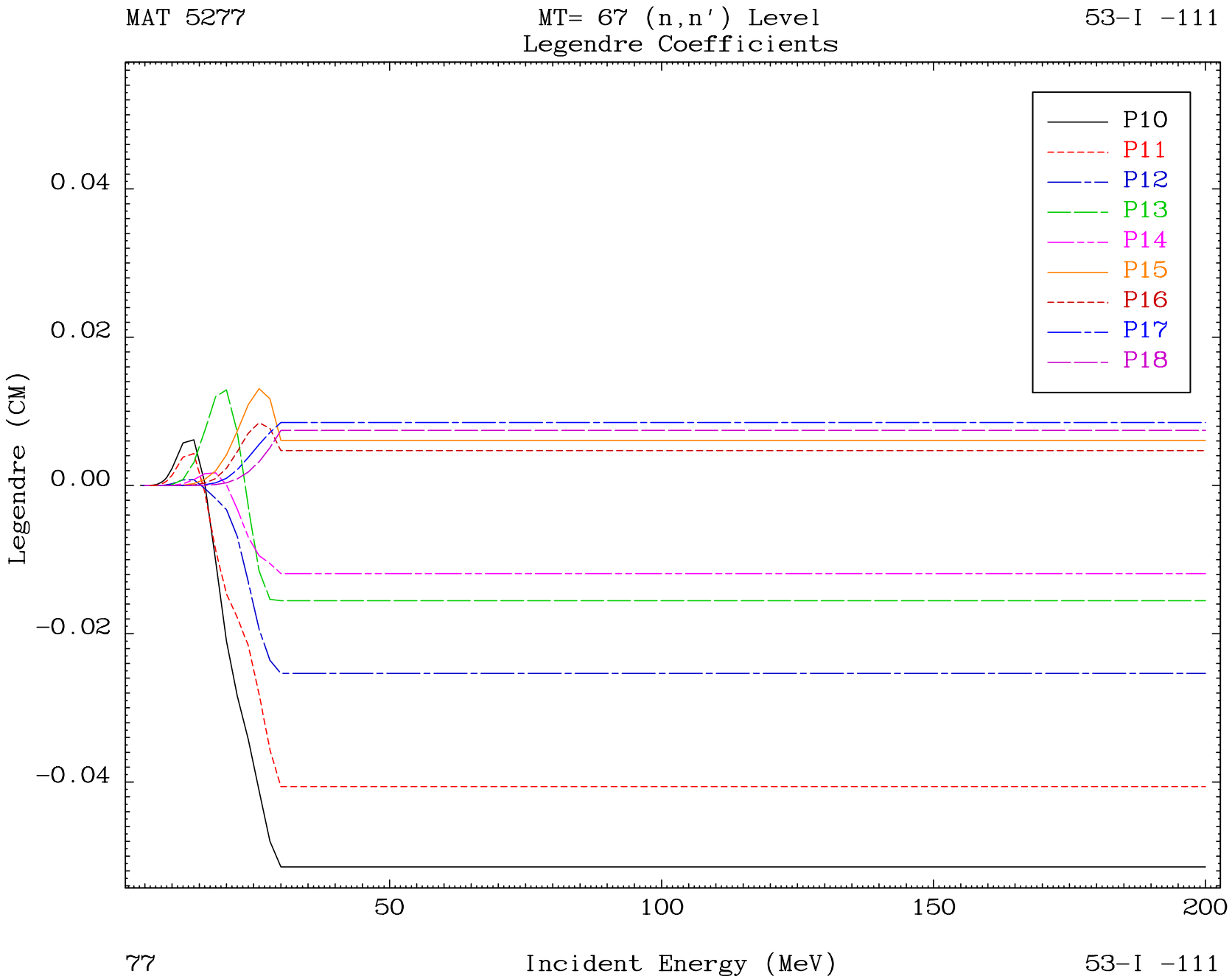

MAT 5277
MT= 65 (n,n') Level
Legendre Coefficients
53-I -111
X10^-7
4
3
2
1
0
Legendre (CM)
P21
P22
P23
P24
P25
P26
P27
P28
50
100
150
200
72
Incident Energy (MeV)
53-I -111

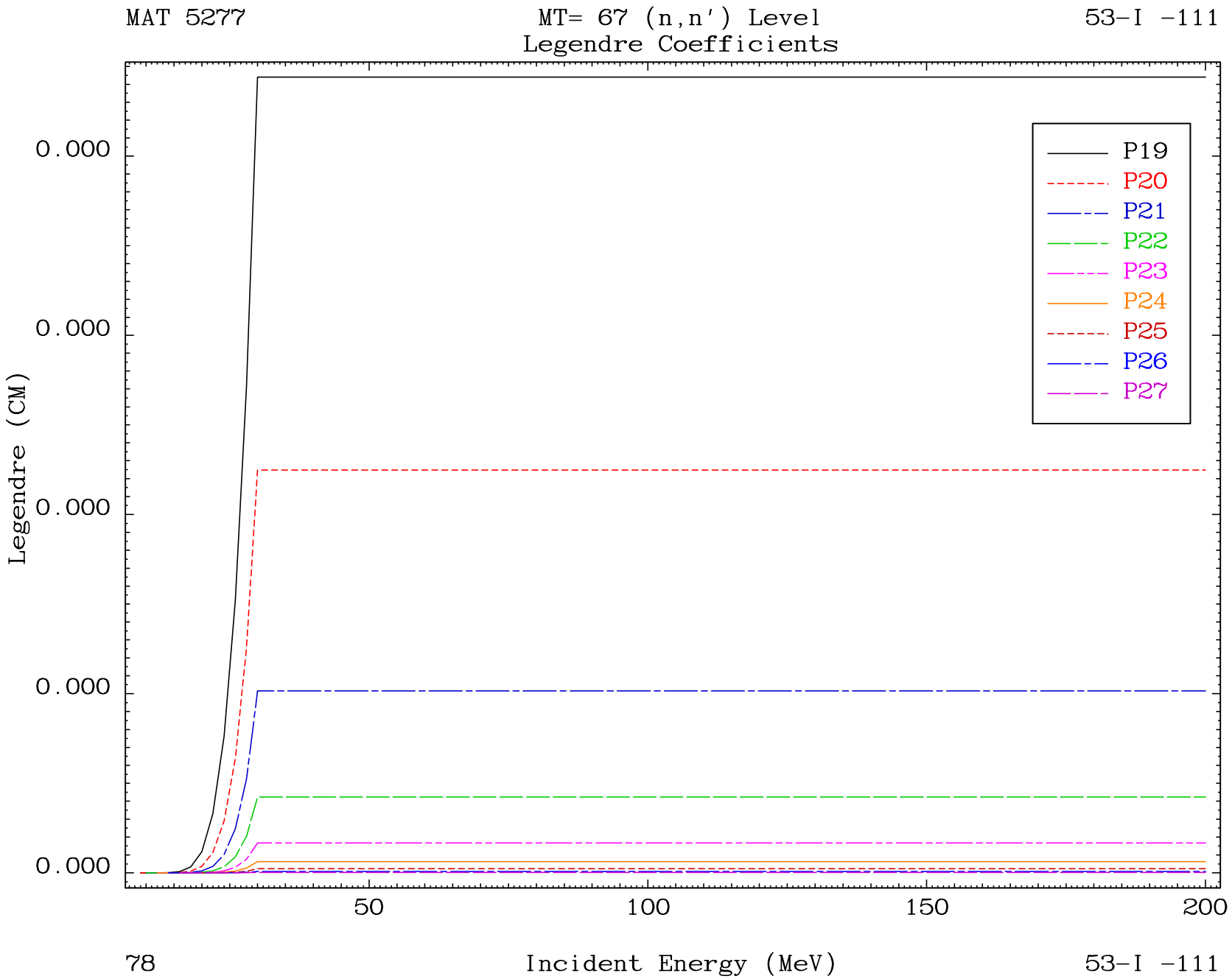

MAT 5277
MT= 66 (n,n') Level
Legendre Coefficients
53-I -111
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10
0.4
0.2
0.0
-0.2
Legendre (CM)
50
100
150
200
73
Incident Energy (MeV)
53-I -111

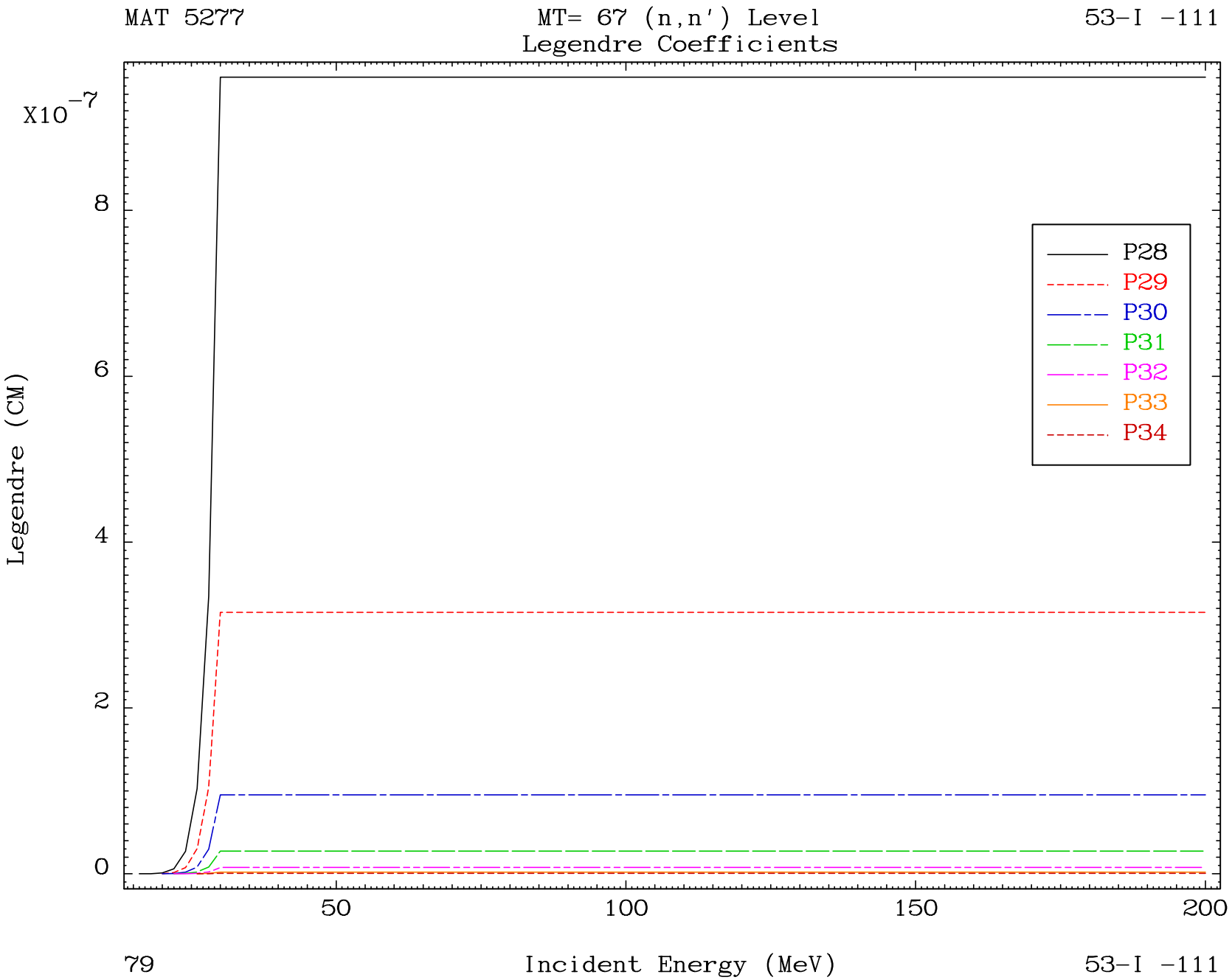

MAT 5277
MT= 66 (n,n') Level
Legendre Coefficients
53-I -111
X10^-4
2
0
-2
-4
-6
-8
Legendre (CM)
50
100
150
200
74
Incident Energy (MeV)
53-I -111
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20

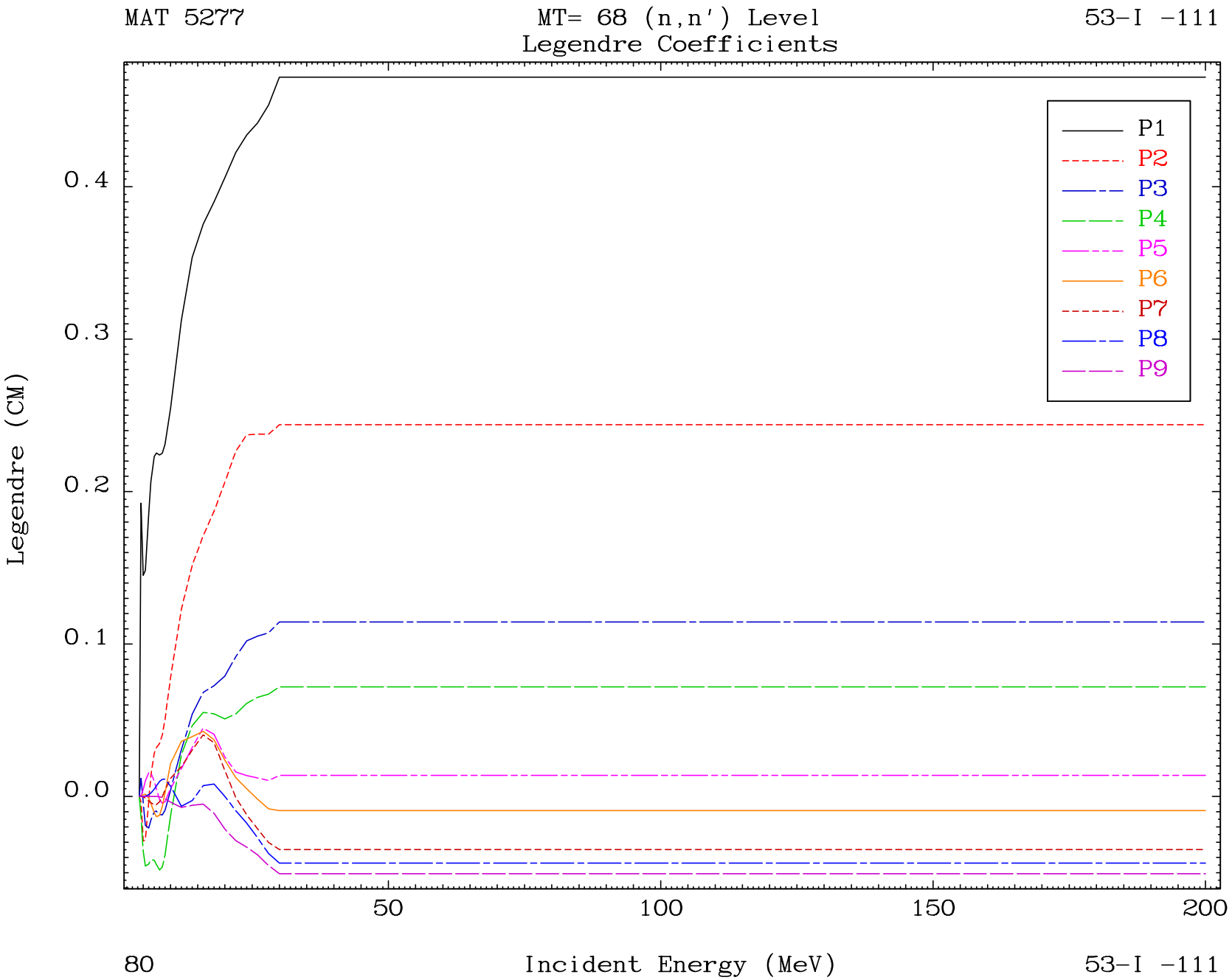

MAT 5277
MT= 66 (n,n') Level
Legendre Coefficients
53-I -111
X10-7
0.0
-0.2
-0.4
-0.6
-0.8
-1.0
Legendre (CM)
P21
P22
P23
P24
P25
P26
P27
P28
50
100
150
200
75
Incident Energy (MeV)
53-I -111

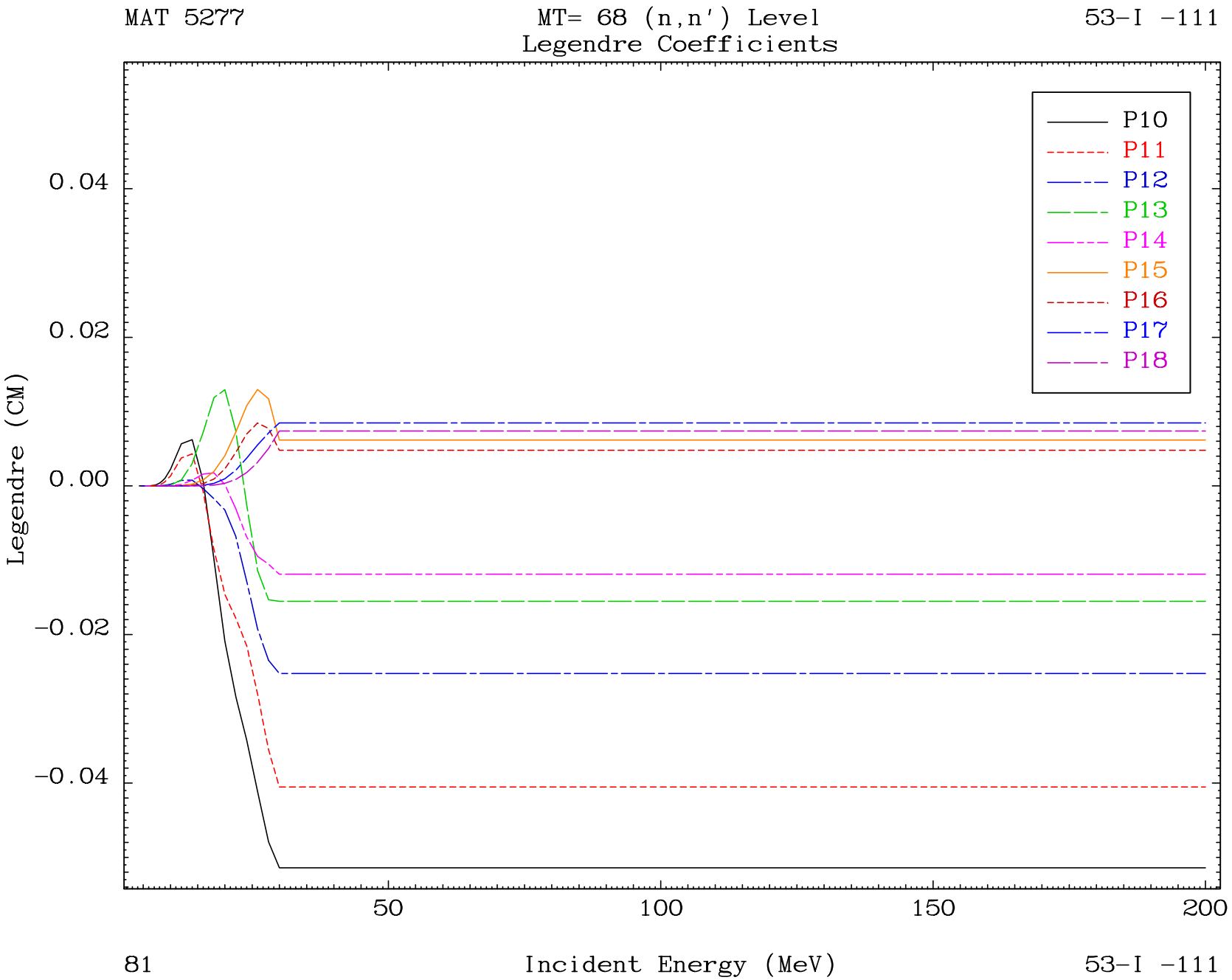

MAT 5277
MT= 67 (n,n') Level
Legendre Coefficients
53-I -111
P1
P2
P3
P4
P5
P6
P7
P8
P9
0.4
0.3
0.2
0.1
0.0
Legendre (CM)
50
100
150
200
76
Incident Energy (MeV)
53-I -111

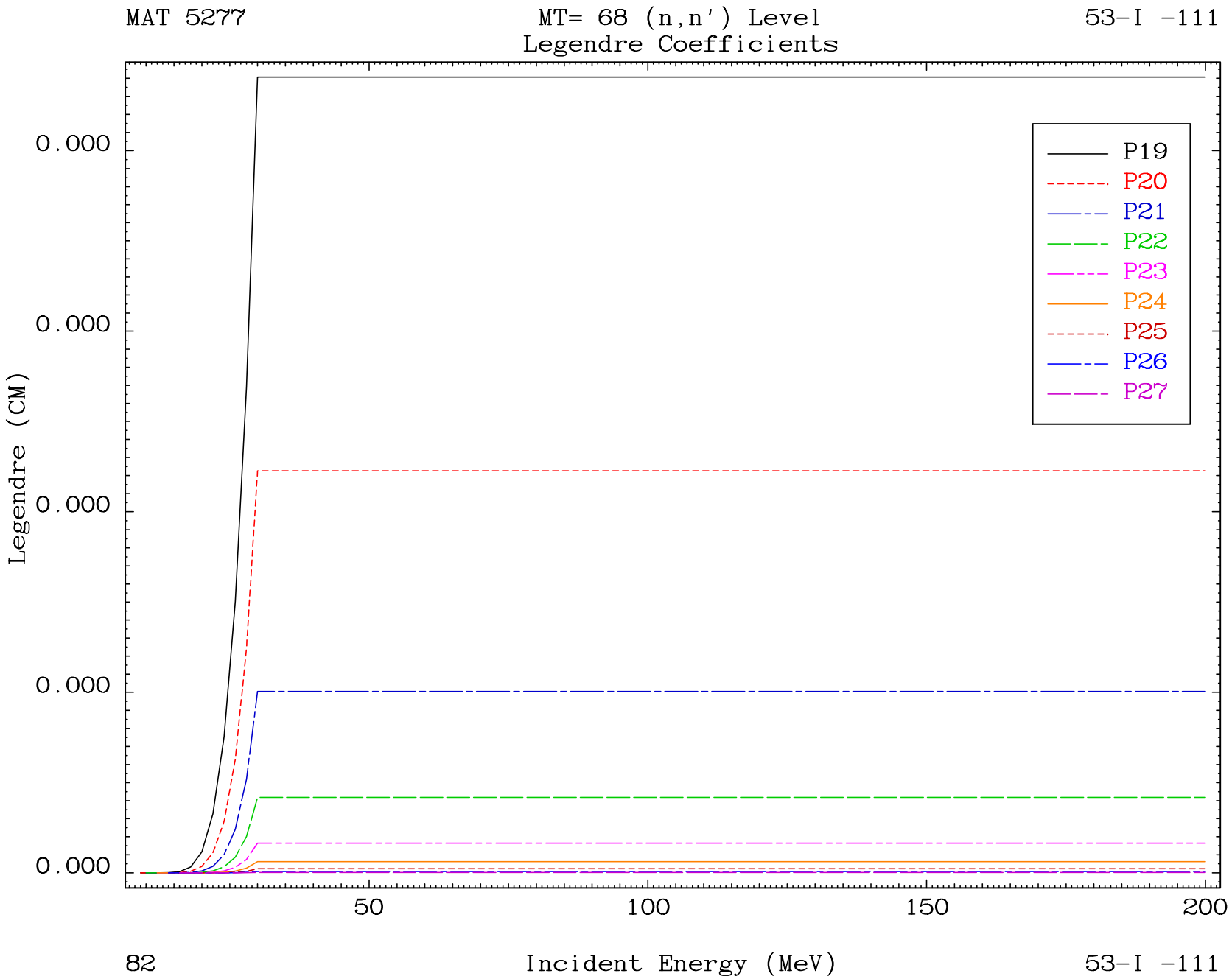

MAT 5277
MT= 67 (n,n') Level
Legendre Coefficients
53-I -111
P10
P11
P12
P13
P14
P15
P16
P17
P18
0.04
0.02
0.00
-0.02
-0.04
Legendre (CM)
50
100
150
200
77
Incident Energy (MeV)
53-I -111

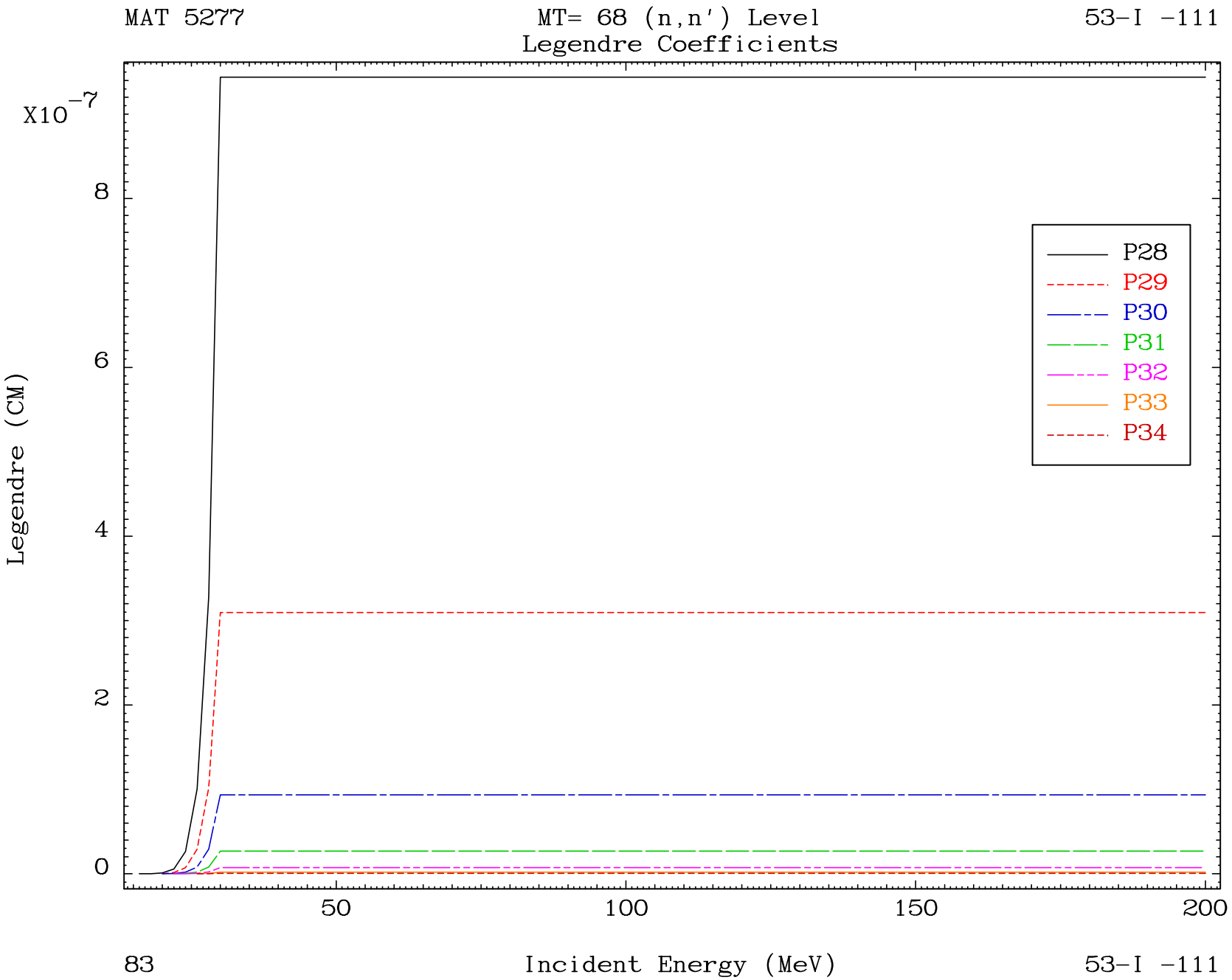

MAT 5277
MT= 67 (n,n') Level
Legendre Coefficients
53-I -111
0.000
0.000
0.000
0.000
Legendre (CM)
50
100
150
200
78
Incident Energy (MeV)
53-I -111
P19
P20
P21
P22
P23
P24
P25
P26
P27

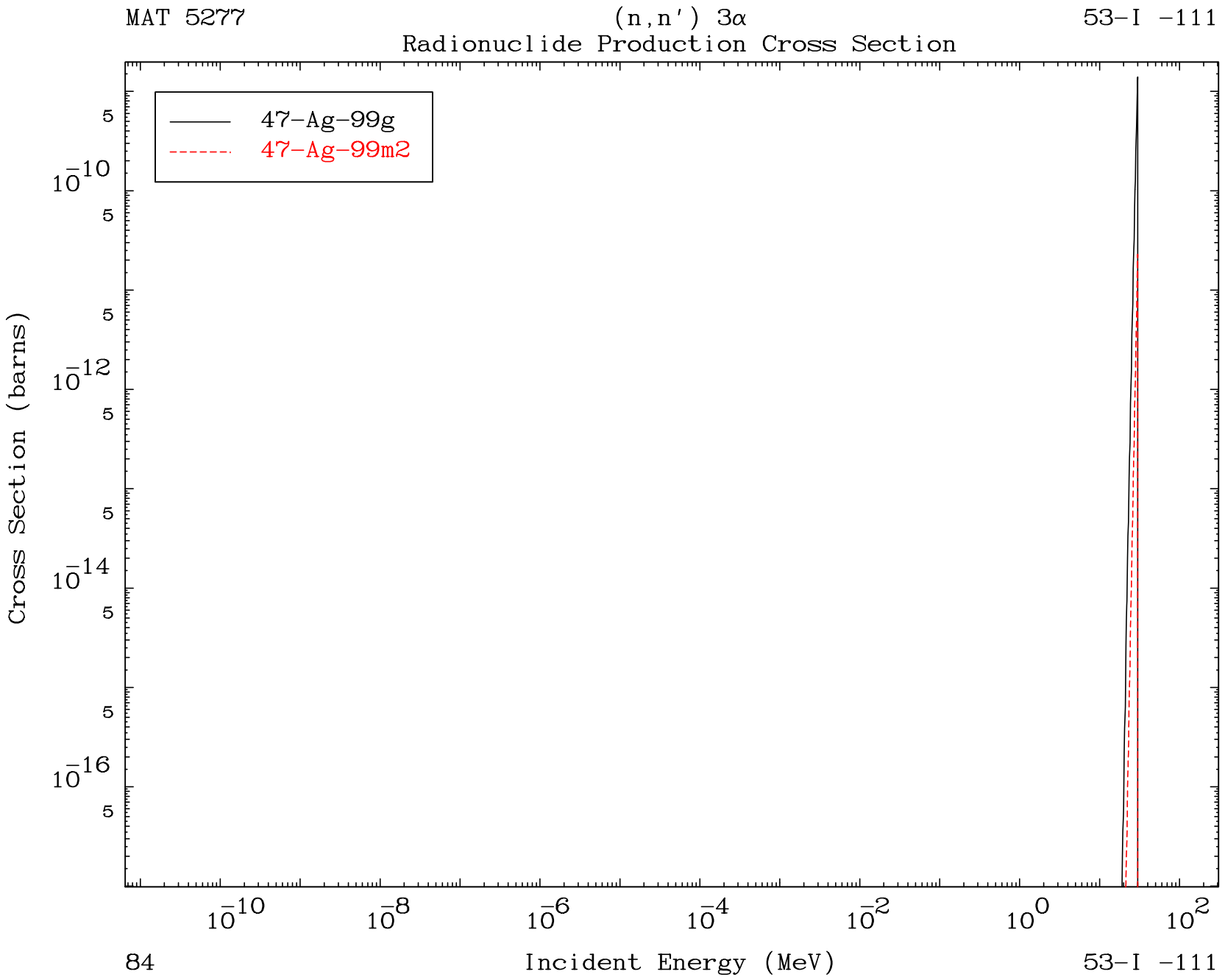

MAT 5277
MT= 67 (n,n') Level
Legendre Coefficients
53-I -111
X10^-7
8
6
4
2
0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
50
100
150
200
79
Incident Energy (MeV)
53-I -111

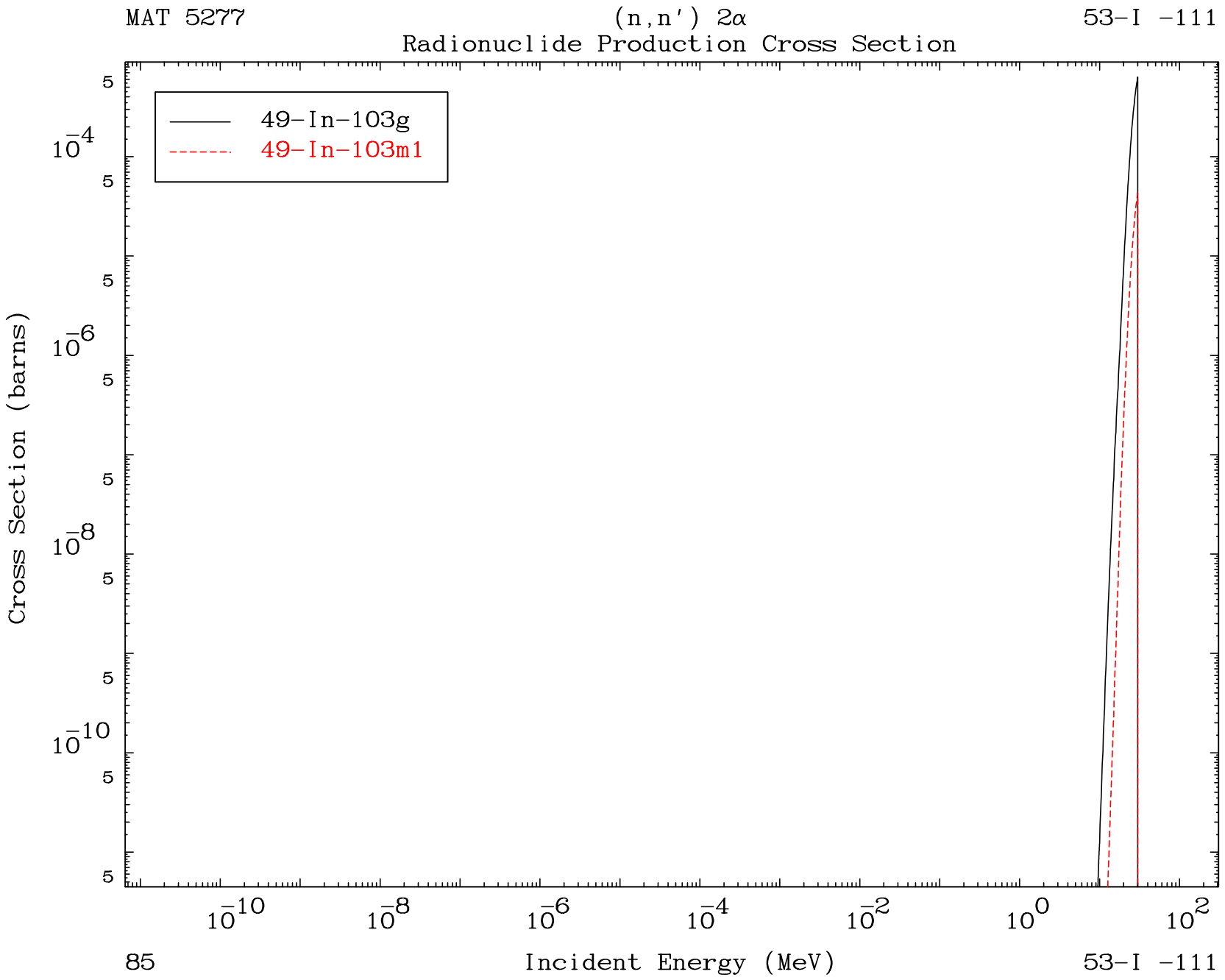

MAT 5277
MT= 68 (n,n') Level
Legendre Coefficients
53-I -111
P1
P2
P3
P4
P5
P6
P7
P8
P9
Legendre (CM)
0.4
0.3
0.2
0.1
0.0
50
100
150
200
80
Incident Energy (MeV)
53-I -111

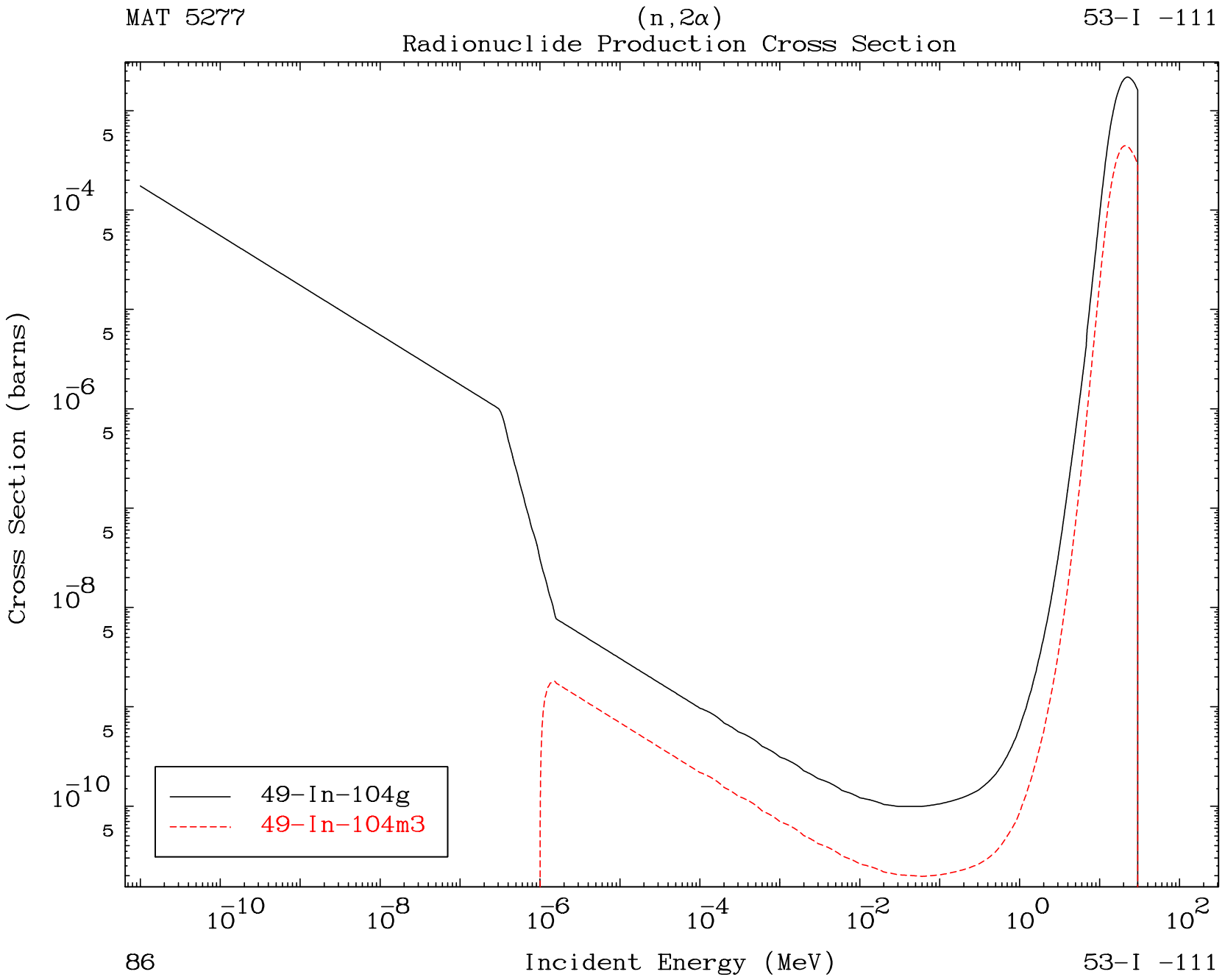

MAT 5277
MT= 68 (n,n') Level
Legendre Coefficients
53-I -111
P10
P11
P12
P13
P14
P15
P16
P17
P18
0.04
0.02
0.00
-0.02
-0.04
Legendre (CM)
50
100
150
200
81
Incident Energy (MeV)
53-I -111

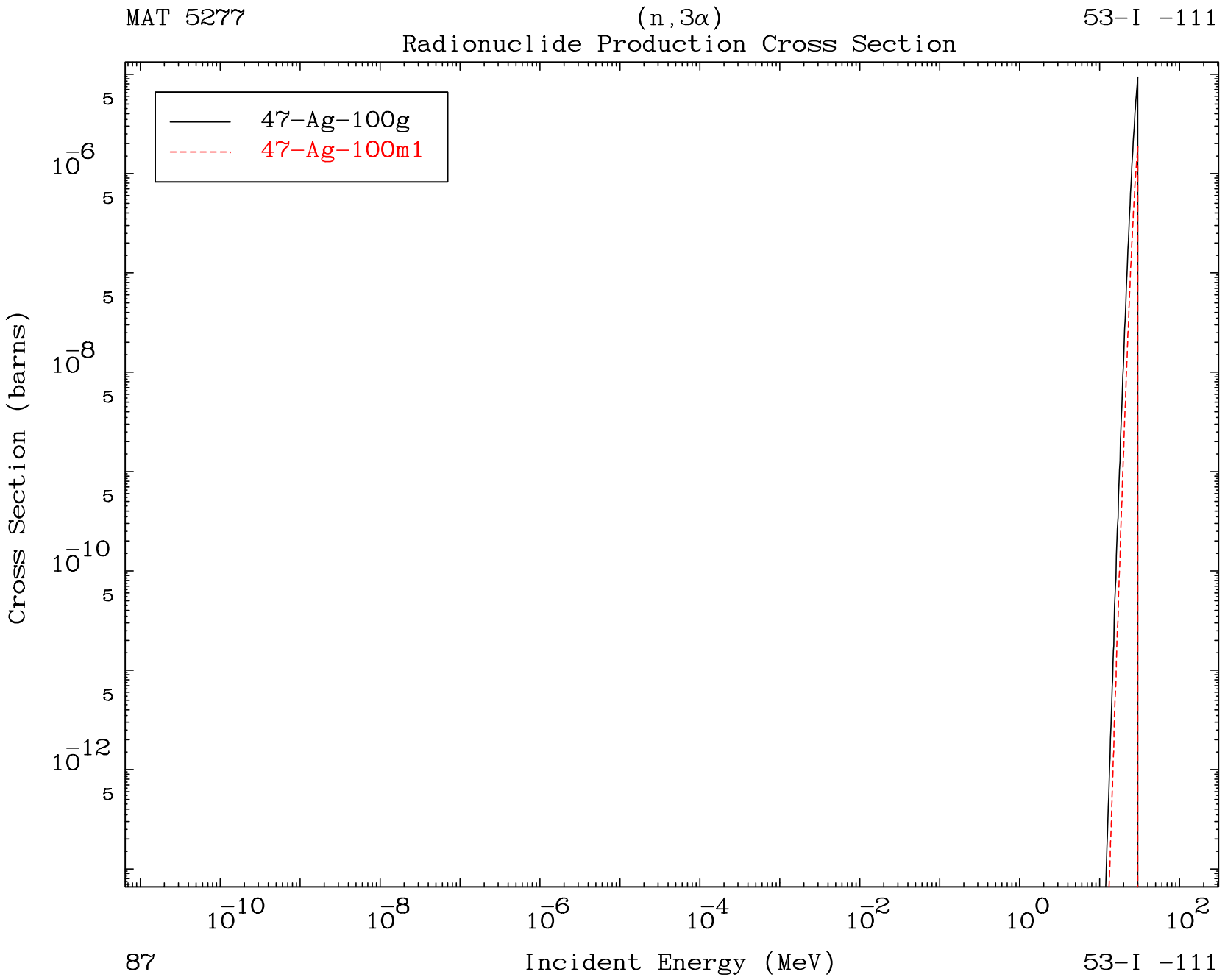

MAT 5277
MT= 68 (n,n') Level
Legendre Coefficients
53-I -111
0.000
0.000
0.000
0.000
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
P27
50
100
150
200
82
Incident Energy (MeV)
53-I -111


MAT 5277
MT= 68 (n,n') Level
Legendre Coefficients
53-I -111
X10-7
8
6
4
2
0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
50
100
150
200
83
Incident Energy (MeV)
53-I -111


MAT 5277
(n,n') 3α
53-I -111
Radionuclide Production Cross Section
47-Ag-99g
47-Ag-99m2
Cross Section (barns)
Incident Energy (MeV)
84
53-I -111


MAT 5277
(n,n') 2α
53-I -111
Radionuclide Production Cross Section
49-In-103g
49-In-103m1
Cross Section (barns)
Incident Energy (MeV)
85
53-I -111


MAT 5277
(n,2α)
53-I -111
Radionuclide Production Cross Section
Cross Section (barns)
10-4
10-6
10-8
10-10
5
49-In-104g
49-In-104m3
10-10
10-8
10-6
10-4
10-2
100
102
86
Incident Energy (MeV)
53-I -111


MAT 5277
(n,3α)
53-I -111
Radionuclide Production Cross Section
47-Ag-100g
47-Ag-100m1
Cross Section (barns)
Incident Energy (MeV)
87
53-I -111