Program EVALPLOT
(Version 2018-1)
by
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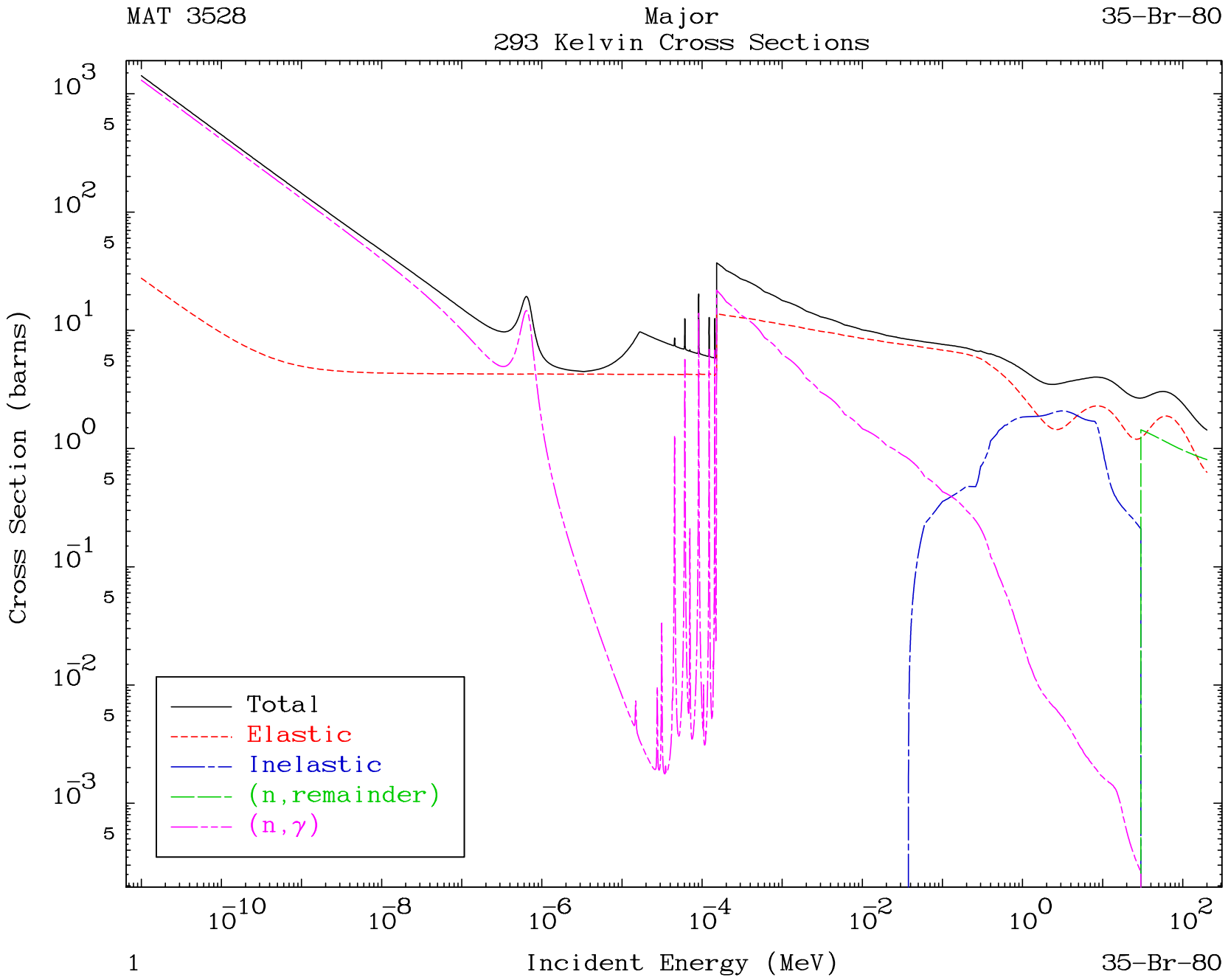
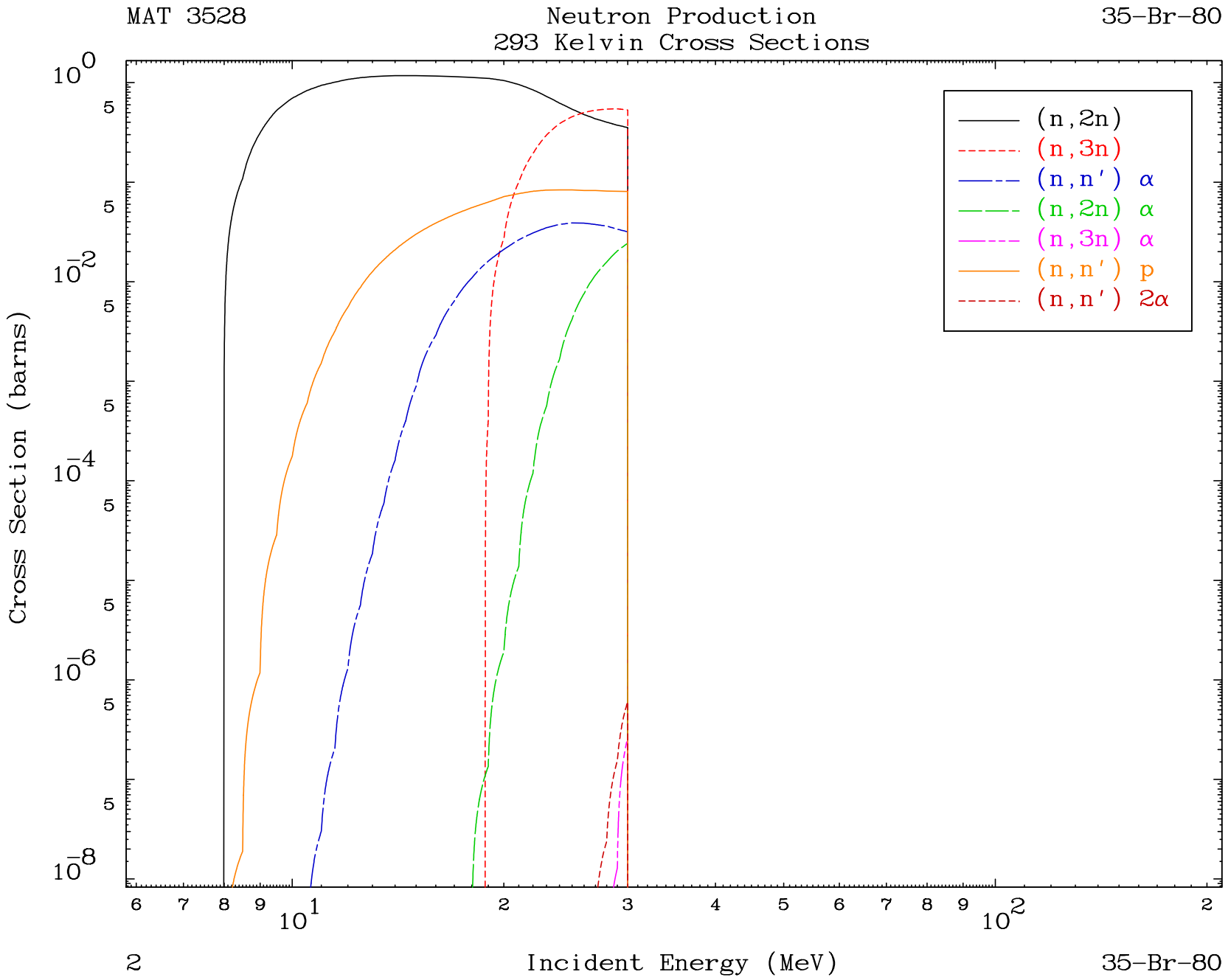
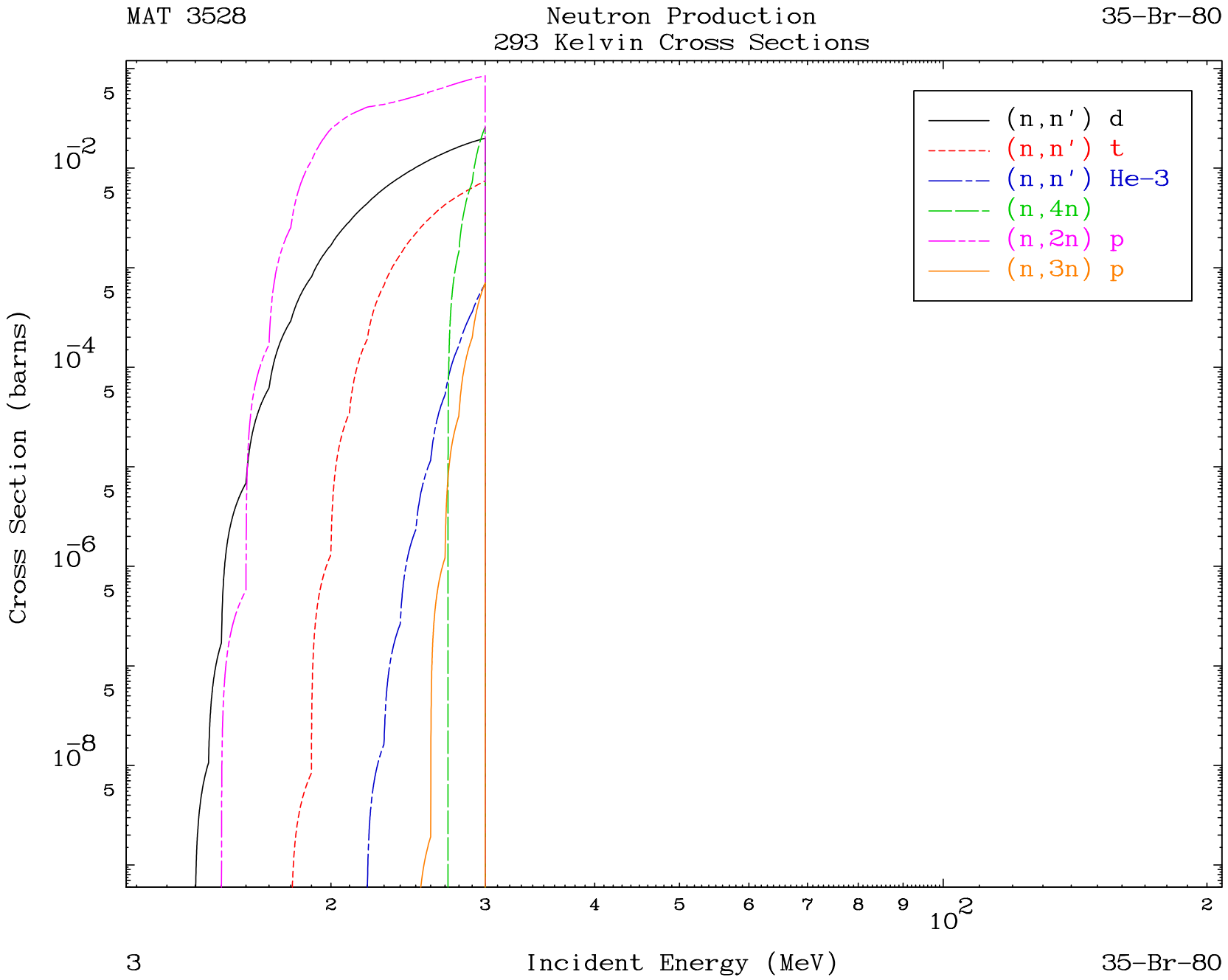
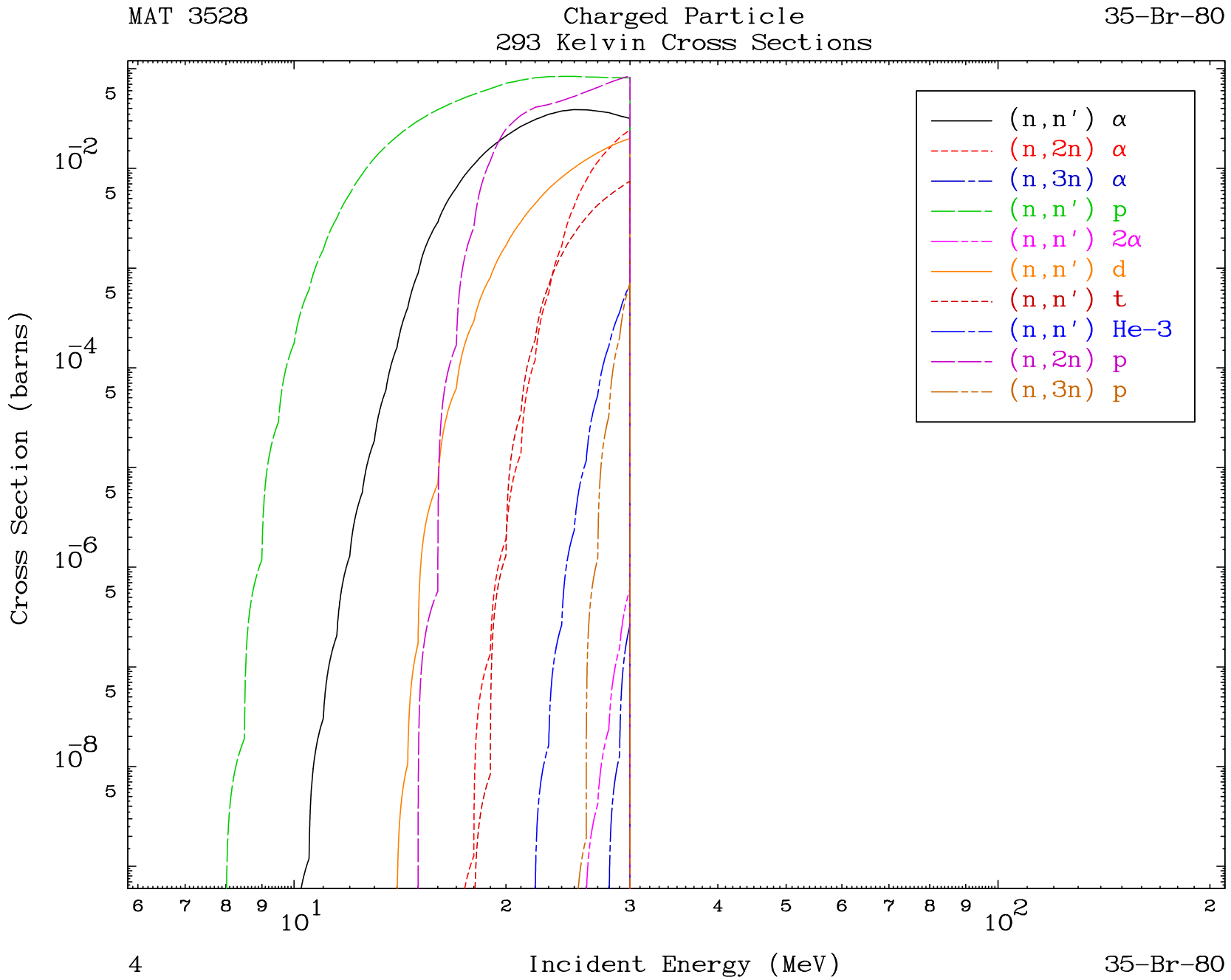
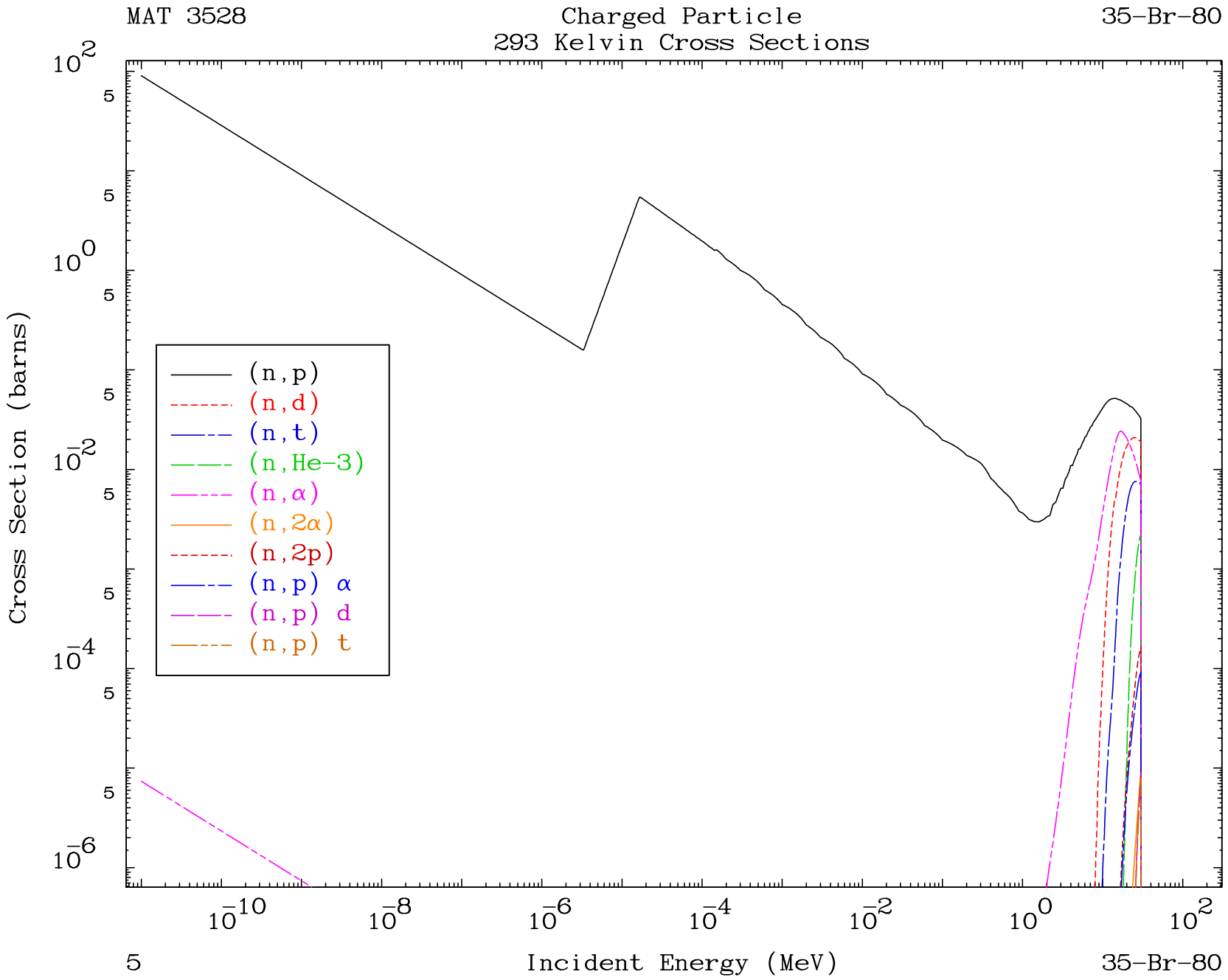
Press Mouse Button to Start

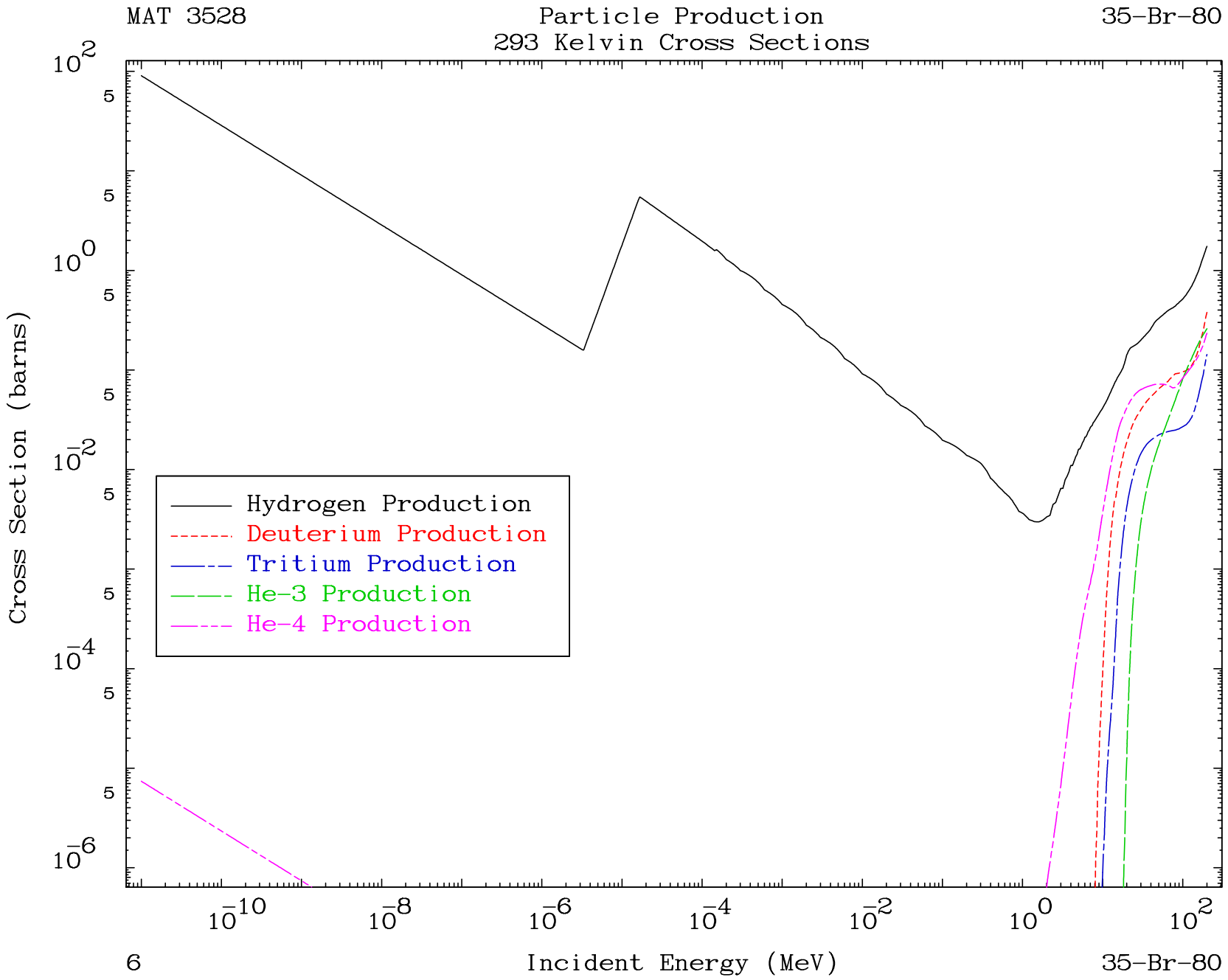

MAT 3528
Major
35-Br-80
293 Kelvin Cross Sections
Cross Section (barns)
Incident Energy (MeV)
Total
Elastic
Inelastic
(n,remainder)
(n,γ)
1
35-Br-80

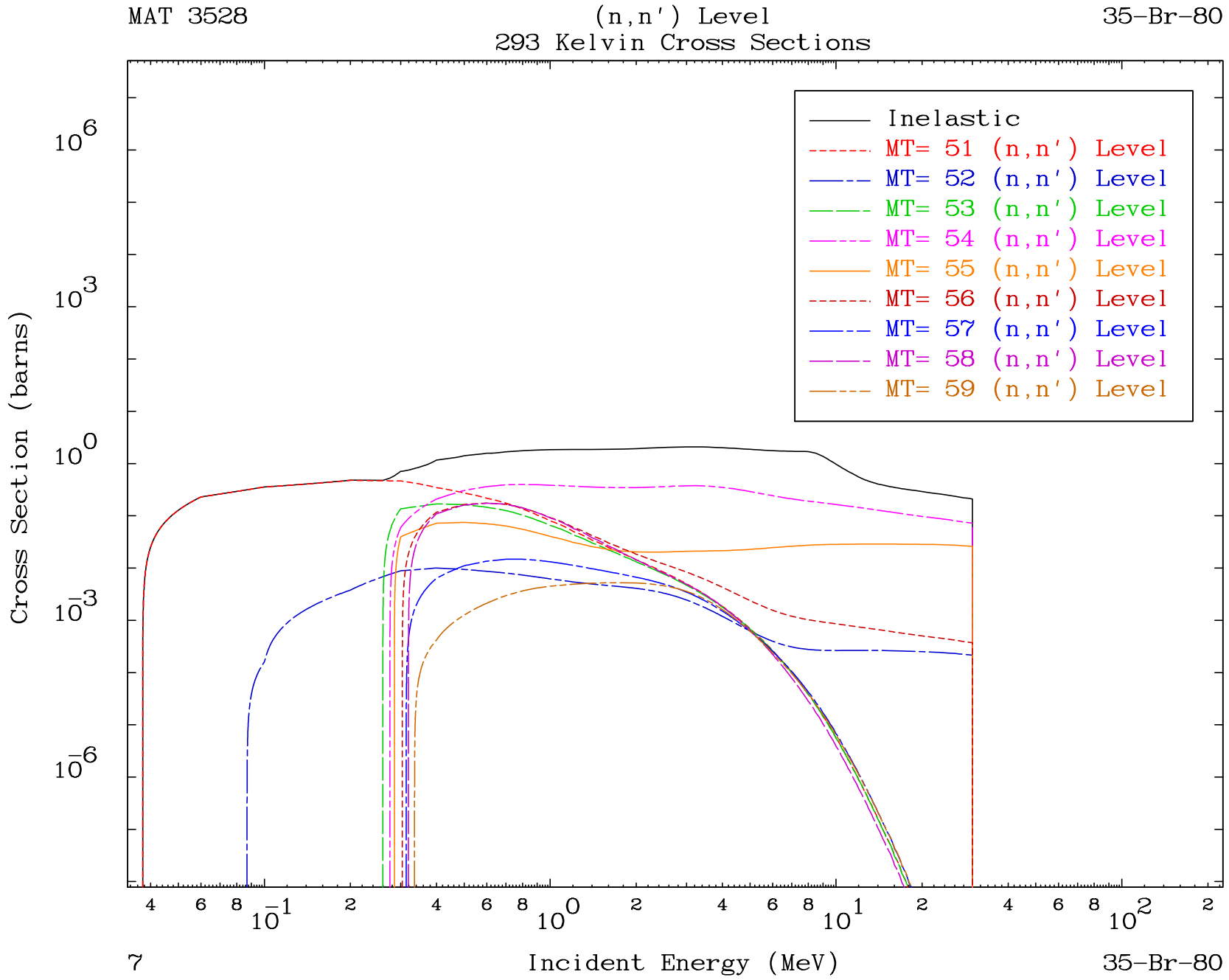

MAT 3528
Neutron Production
293 Kelvin Cross Sections
35-Br-80
Cross Section (barns)
Incident Energy (MeV)
35-Br-80
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α

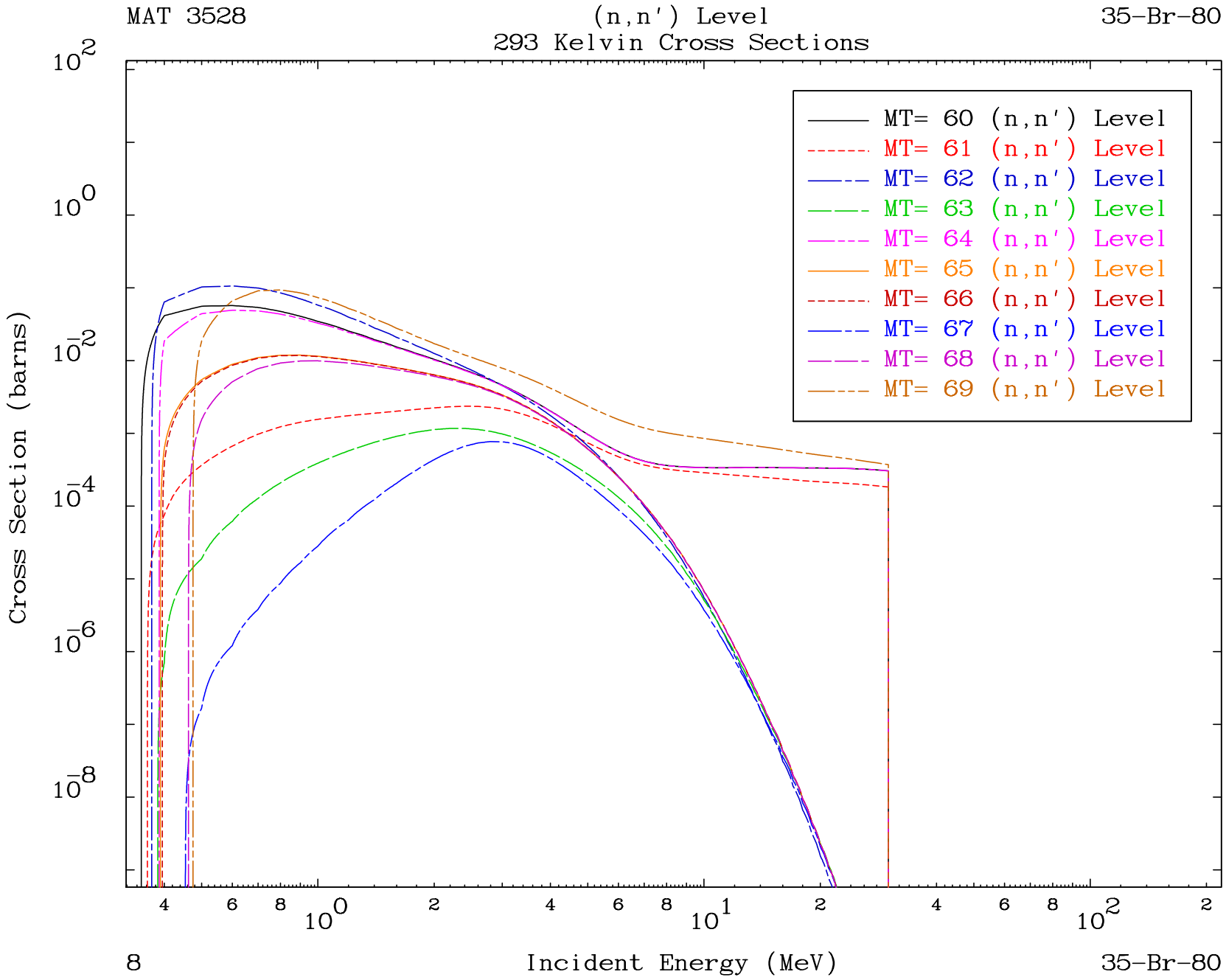

MAT 3528
Neutron Production
293 Kelvin Cross Sections
35-Br-80
(n,n') d
(n,n') t
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
35-Br-80

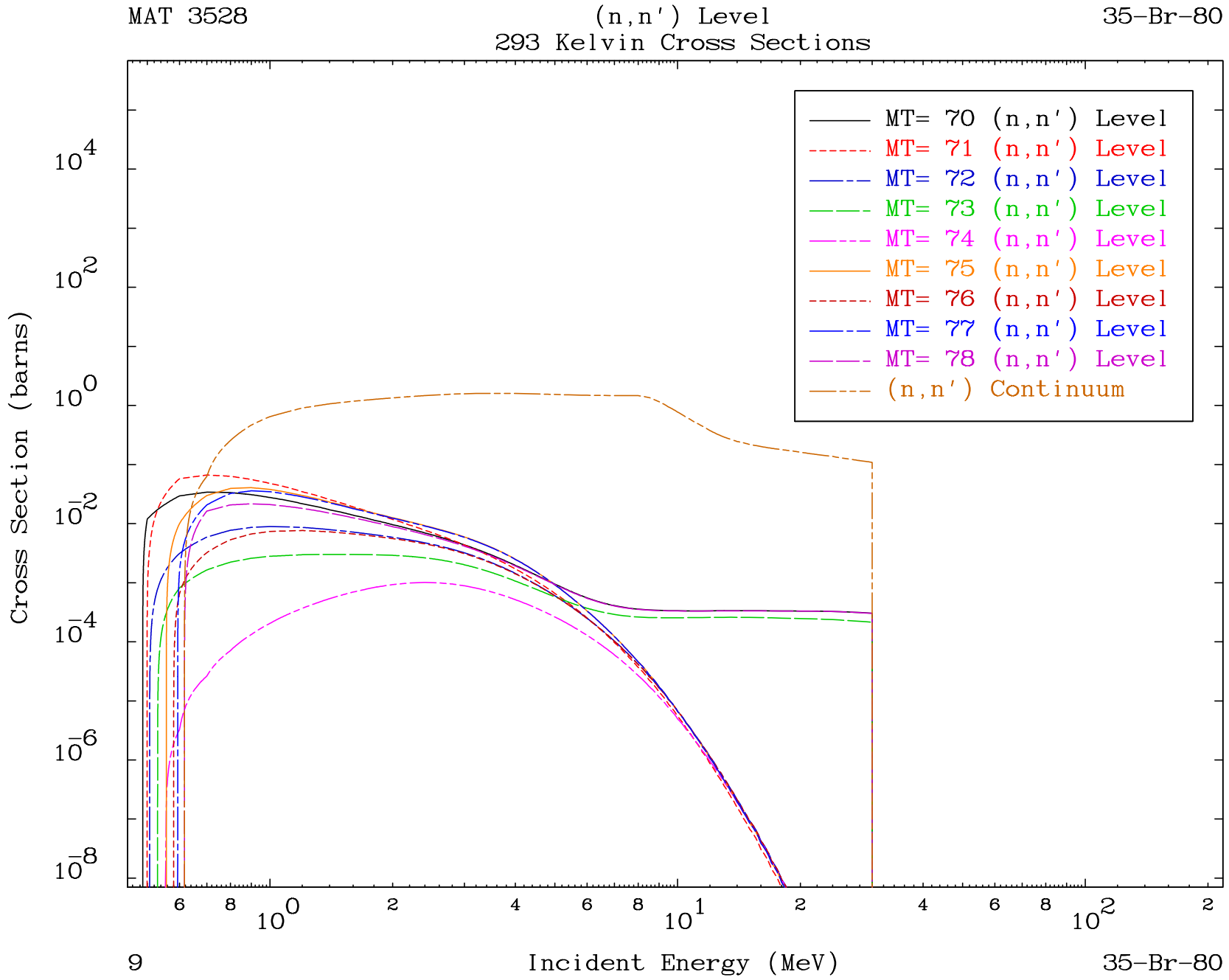

MAT 3528
Charged Particle
293 Kelvin Cross Sections
35-Br-80
Cross Section (barns)
Incident Energy (MeV)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
4
35-Br-80

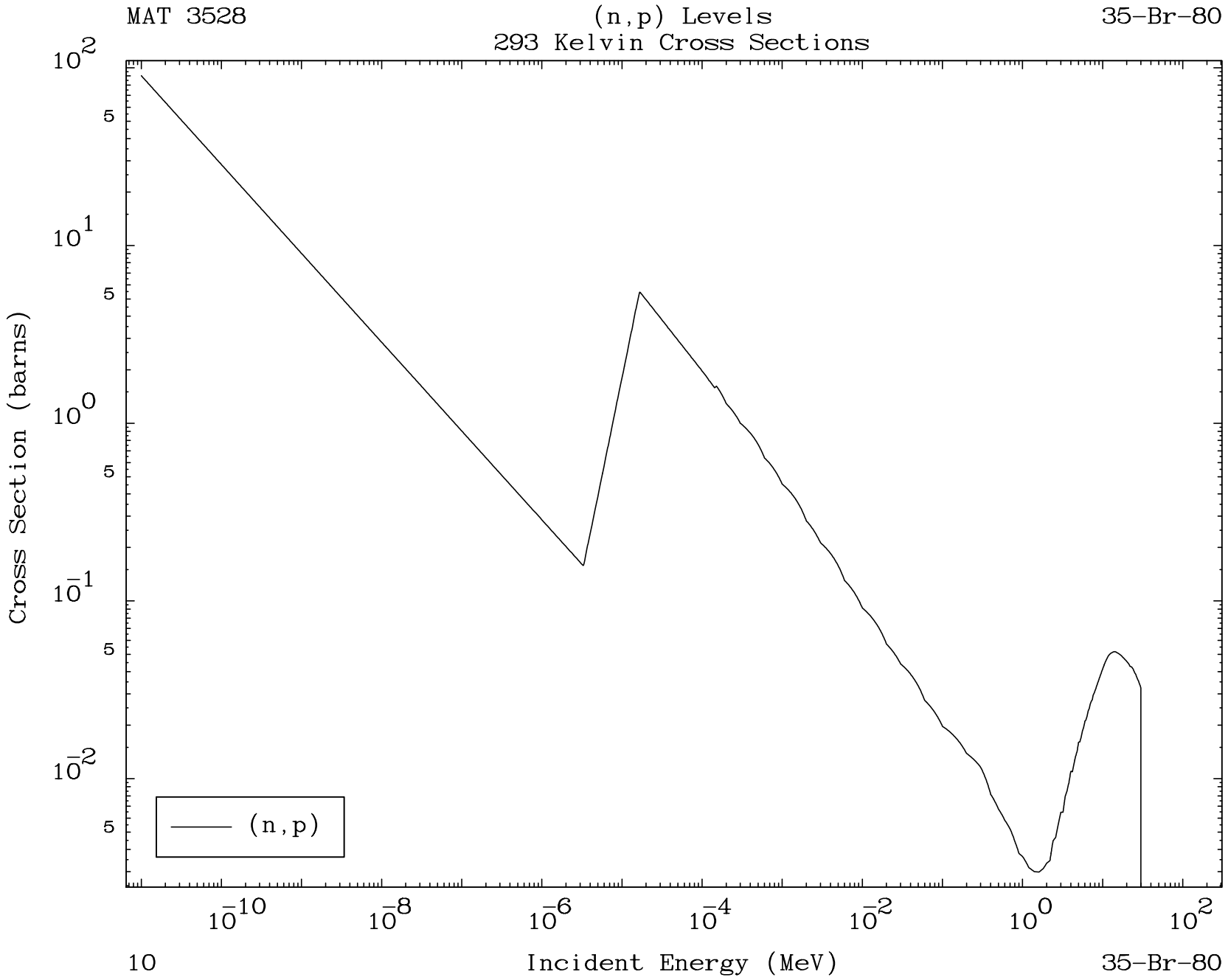

MAT 3528
Charged Particle
293 Kelvin Cross Sections
35-Br-80
Cross Section (barns)
Incident Energy (MeV)
35-Br-80
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t

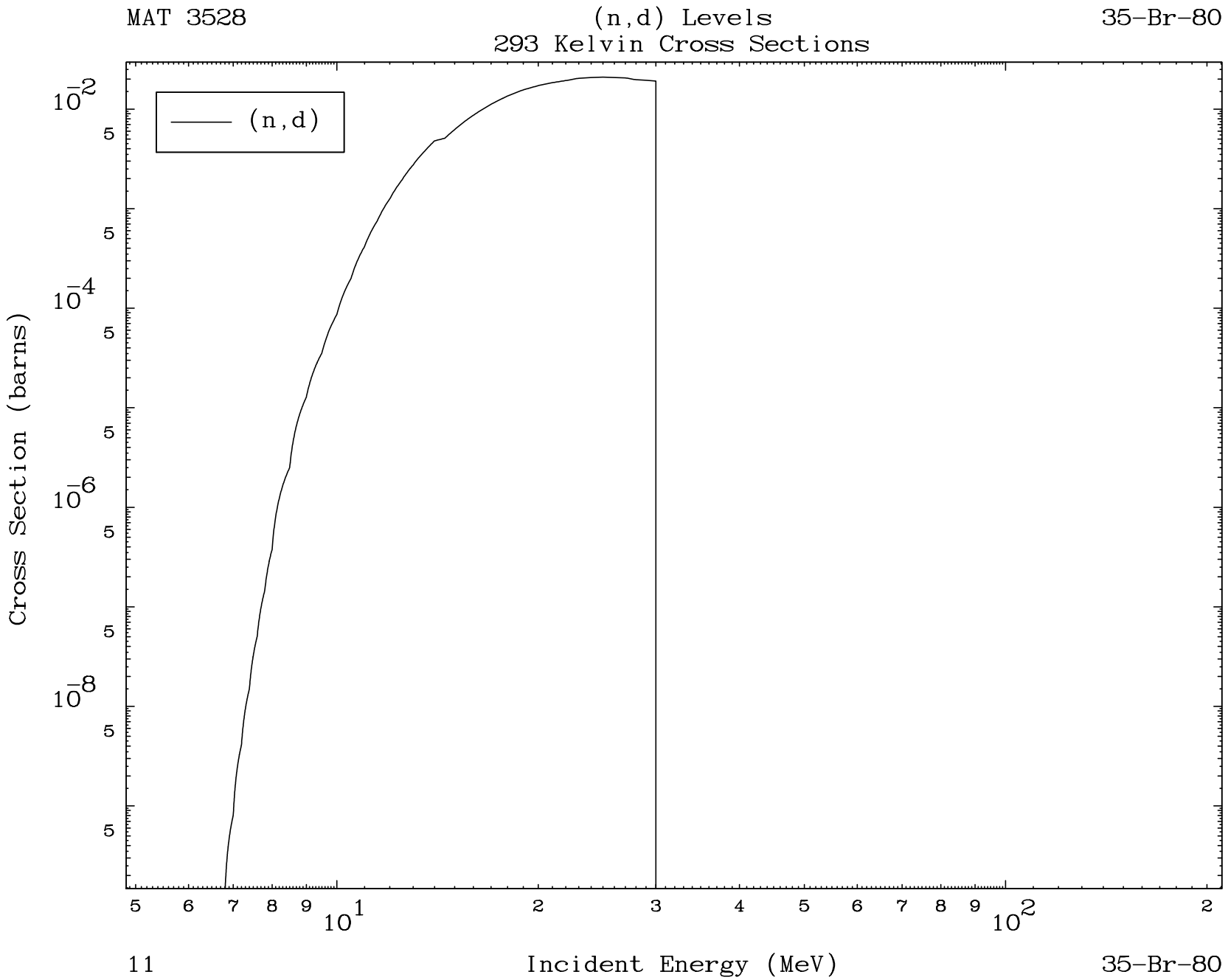

MAT 3528
Particle Production
293 Kelvin Cross Sections
35-Br-80
Cross Section (barns)
Incident Energy (MeV)
Hydrogen Production
Deuterium Production
Tritium Production
He-3 Production
He-4 Production
6
35-Br-80

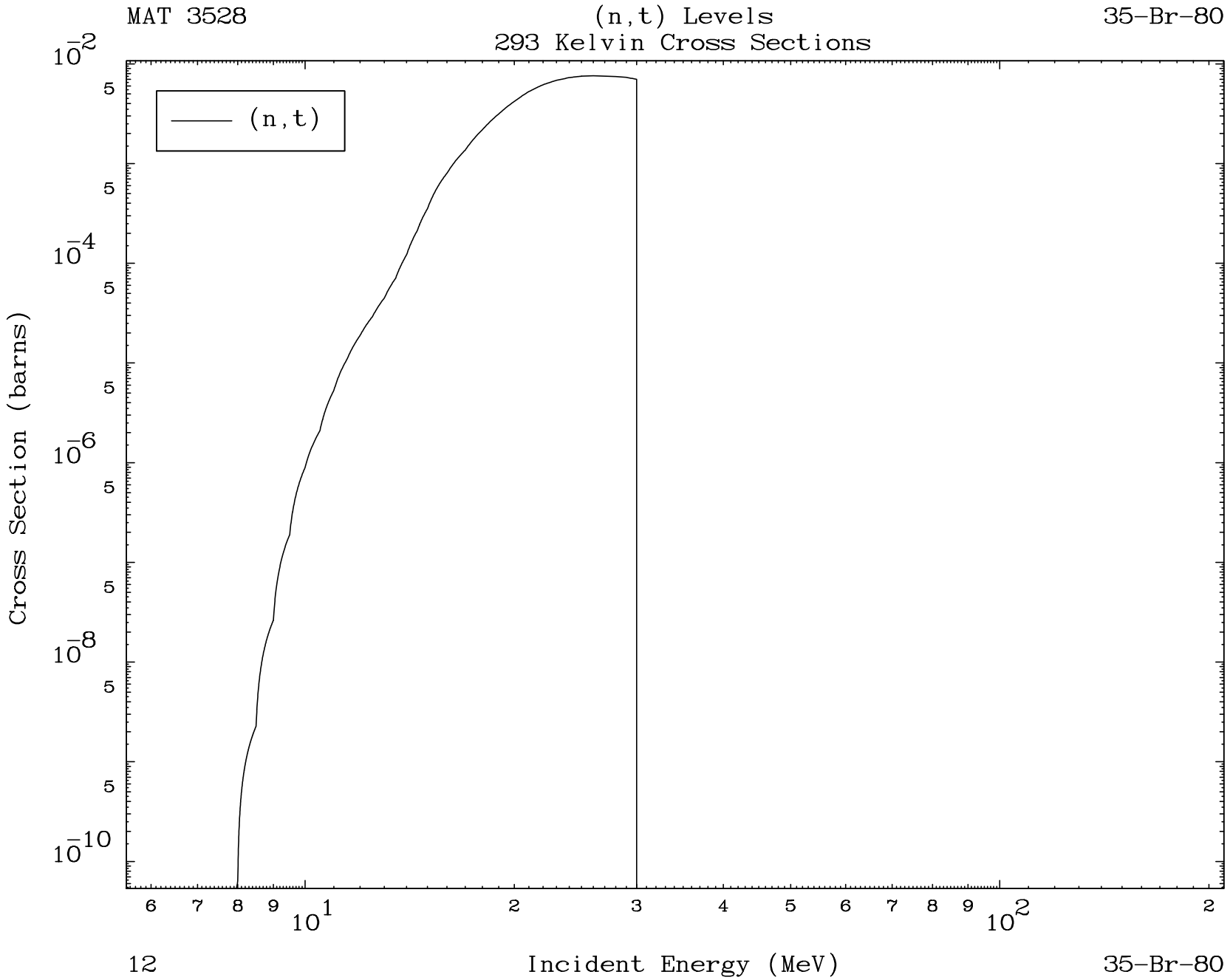

MAT 3528
(n,n') Level
293 Kelvin Cross Sections
35-Br-80
Inelastic
MT= 51 (n,n') Level
MT= 52 (n,n') Level
MT= 53 (n,n') Level
MT= 54 (n,n') Level
MT= 55 (n,n') Level
MT= 56 (n,n') Level
MT= 57 (n,n') Level
MT= 58 (n,n') Level
MT= 59 (n,n') Level
Cross Section (barns)
Incident Energy (MeV)
7
35-Br-80

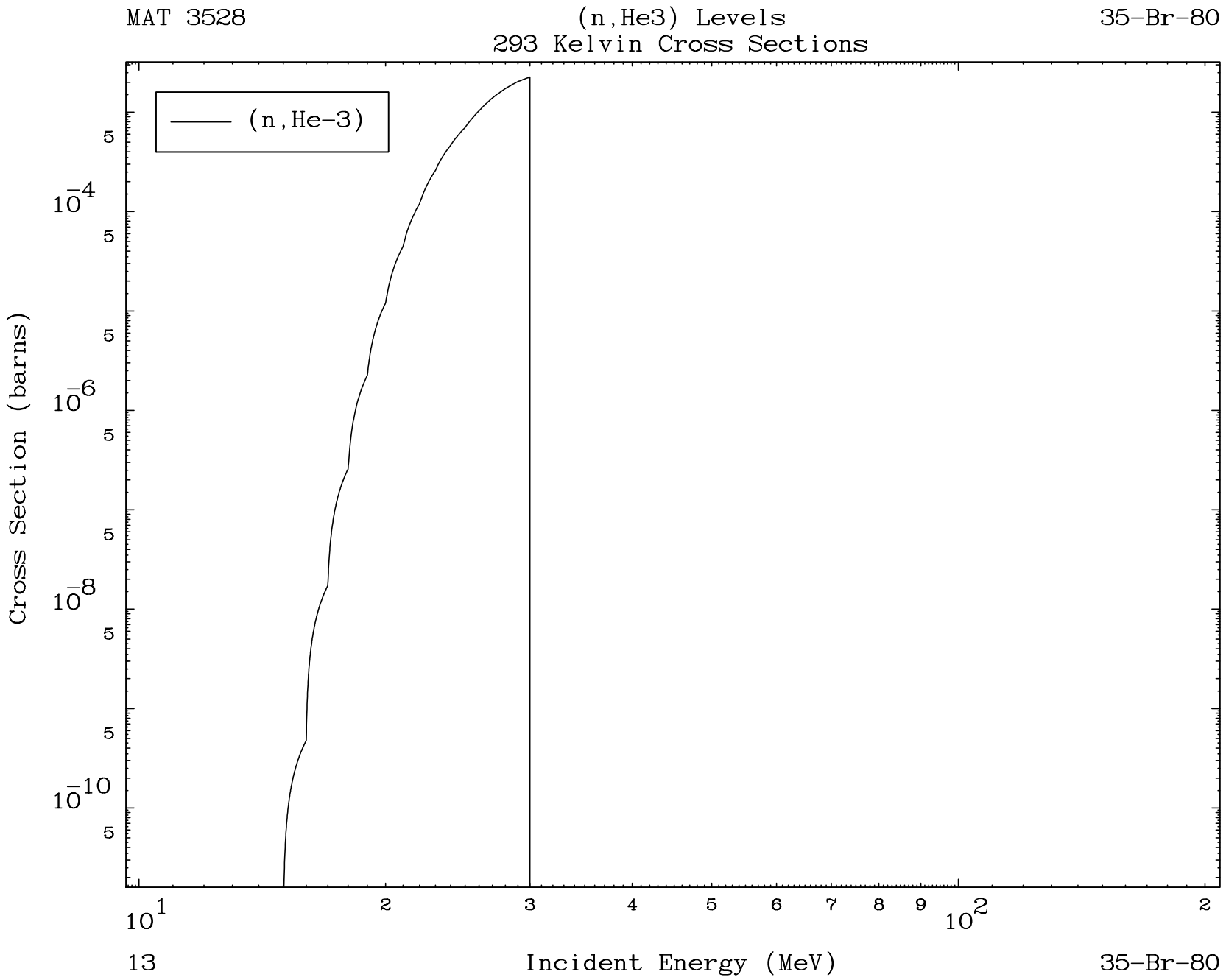

MAT 3528
(n,n') Level
293 Kelvin Cross Sections
35-Br-80
Cross Section (barns)
Incident Energy (MeV)
MT= 60 (n,n') Level
MT= 61 (n,n') Level
MT= 62 (n,n') Level
MT= 63 (n,n') Level
MT= 64 (n,n') Level
MT= 65 (n,n') Level
MT= 66 (n,n') Level
MT= 67 (n,n') Level
MT= 68 (n,n') Level
MT= 69 (n,n') Level

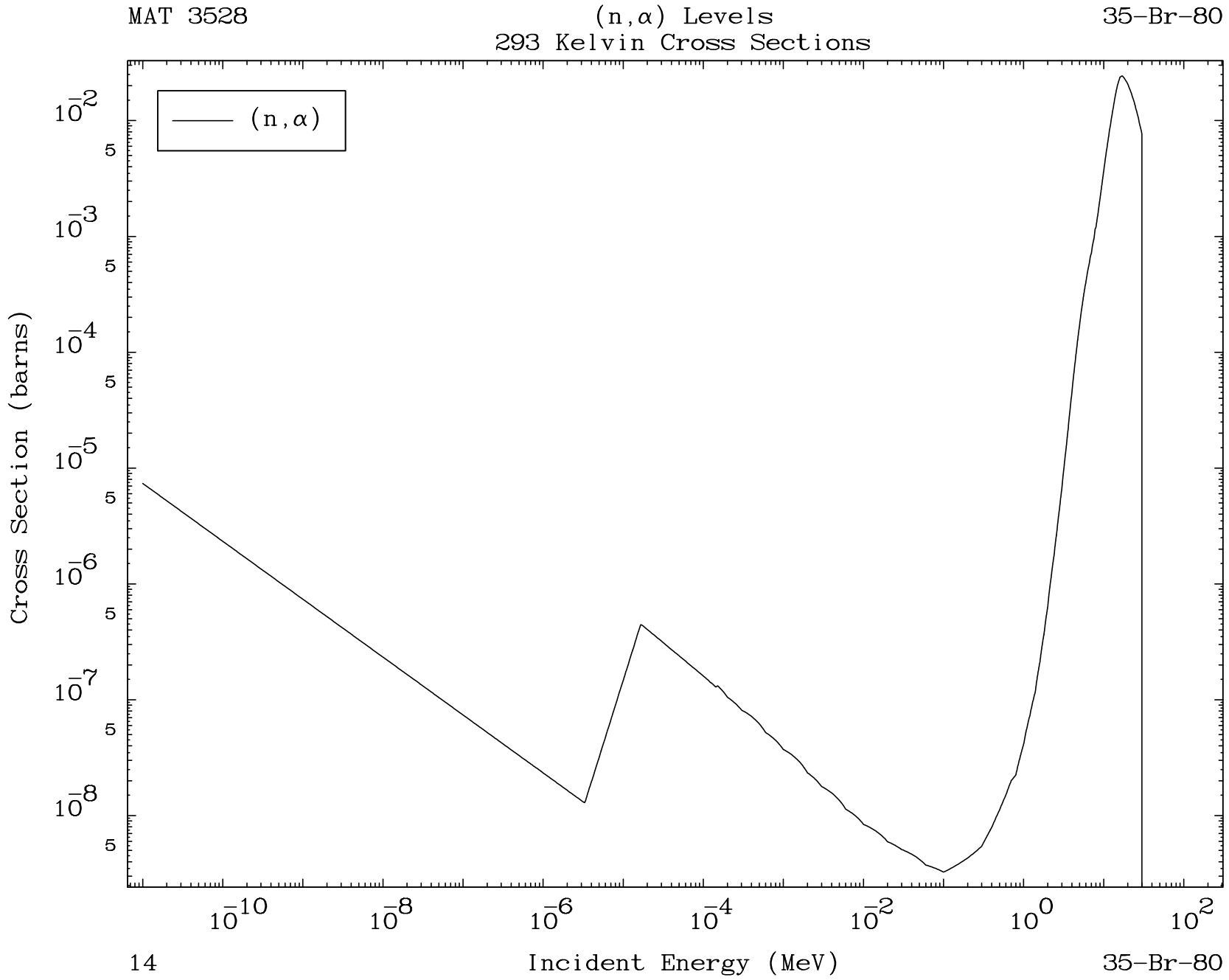

MAT 3528
(n,n') Level
293 Kelvin Cross Sections
35-Br-80
MT= 70 (n,n') Level
MT= 71 (n,n') Level
MT= 72 (n,n') Level
MT= 73 (n,n') Level
MT= 74 (n,n') Level
MT= 75 (n,n') Level
MT= 76 (n,n') Level
MT= 77 (n,n') Level
MT= 78 (n,n') Level
(n,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
9
35-Br-80

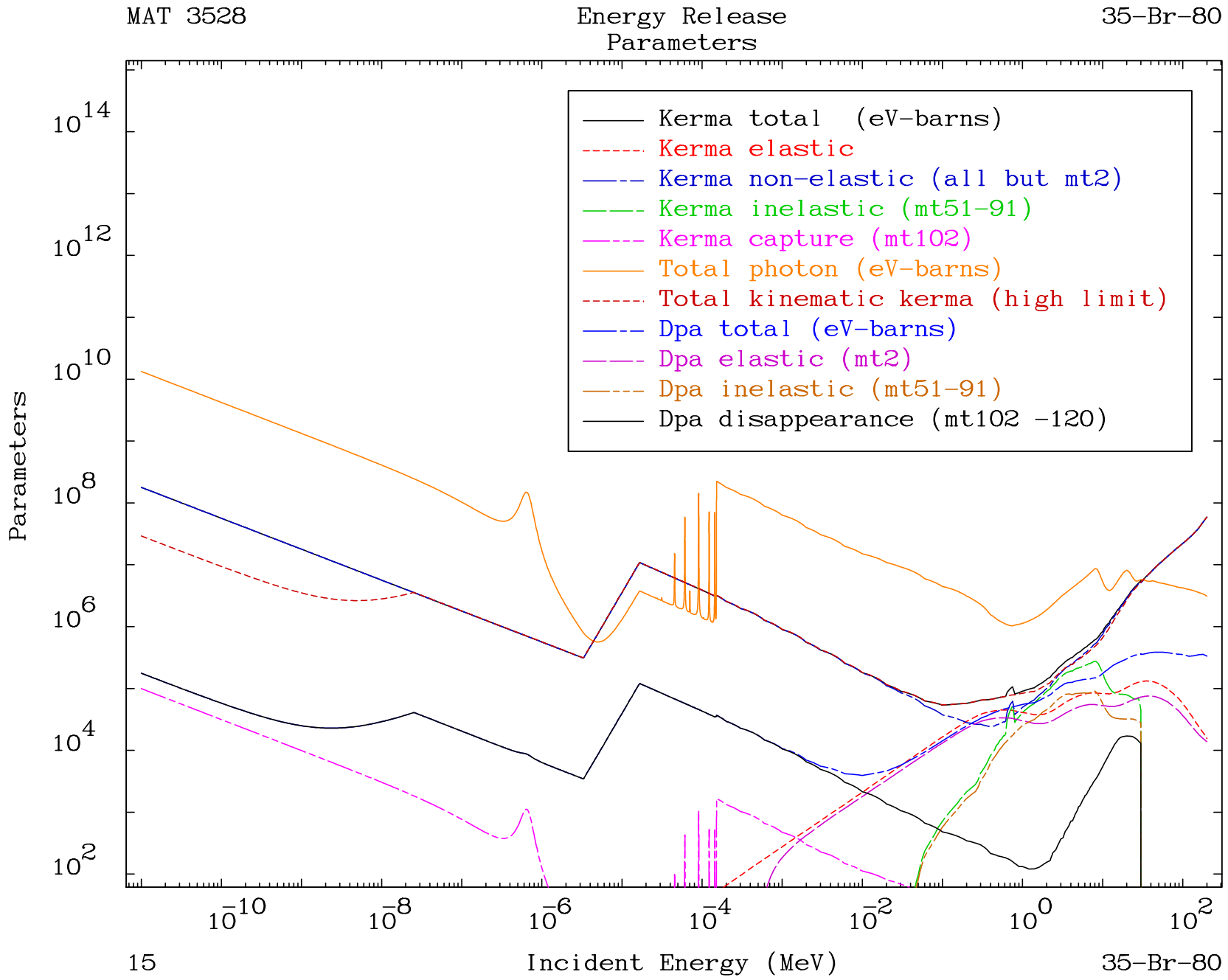

MAT 3528
(n,p) Levels
35-Br-80
293 Kelvin Cross Sections
Cross Section (barns)
10^2
5
10^1
5
10^0
5
10^-1
5
10^-2
5
(n,p)
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
10
Incident Energy (MeV)
35-Br-80

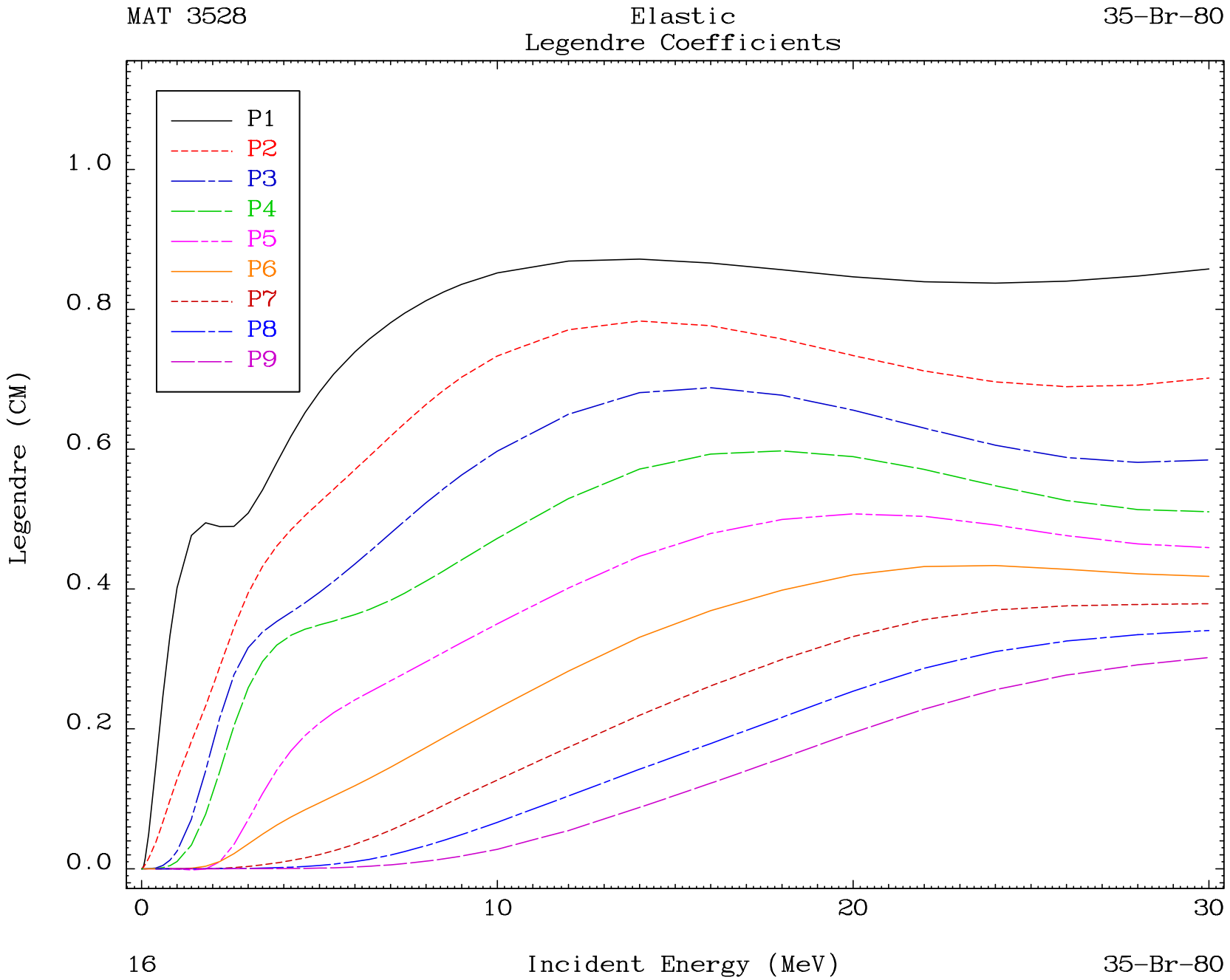

MAT 3528
(n,d) Levels
35-Br-80
293 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
11
35-Br-80

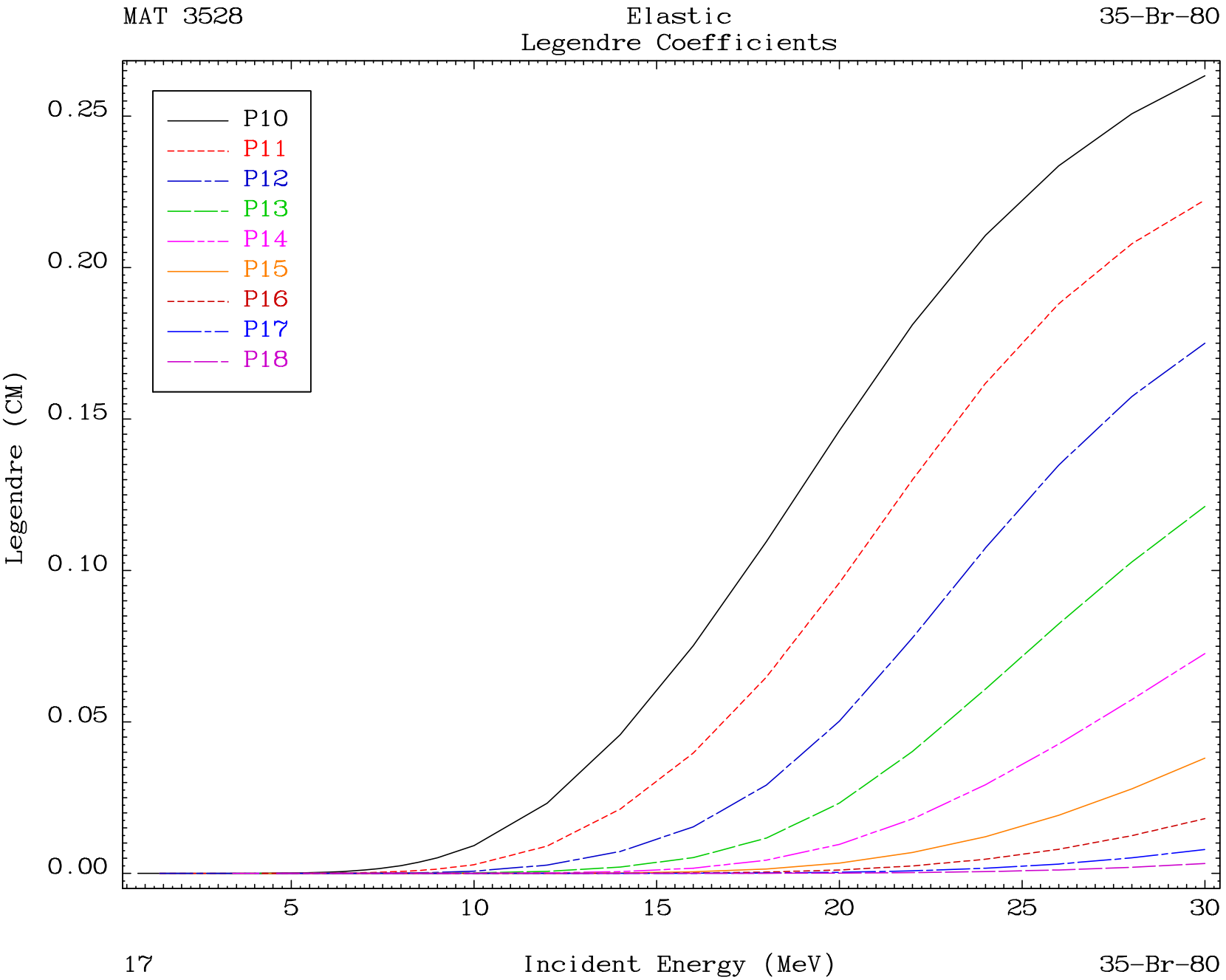

MAT 3528
(n,t) Levels
35-Br-80
293 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
12
35-Br-80

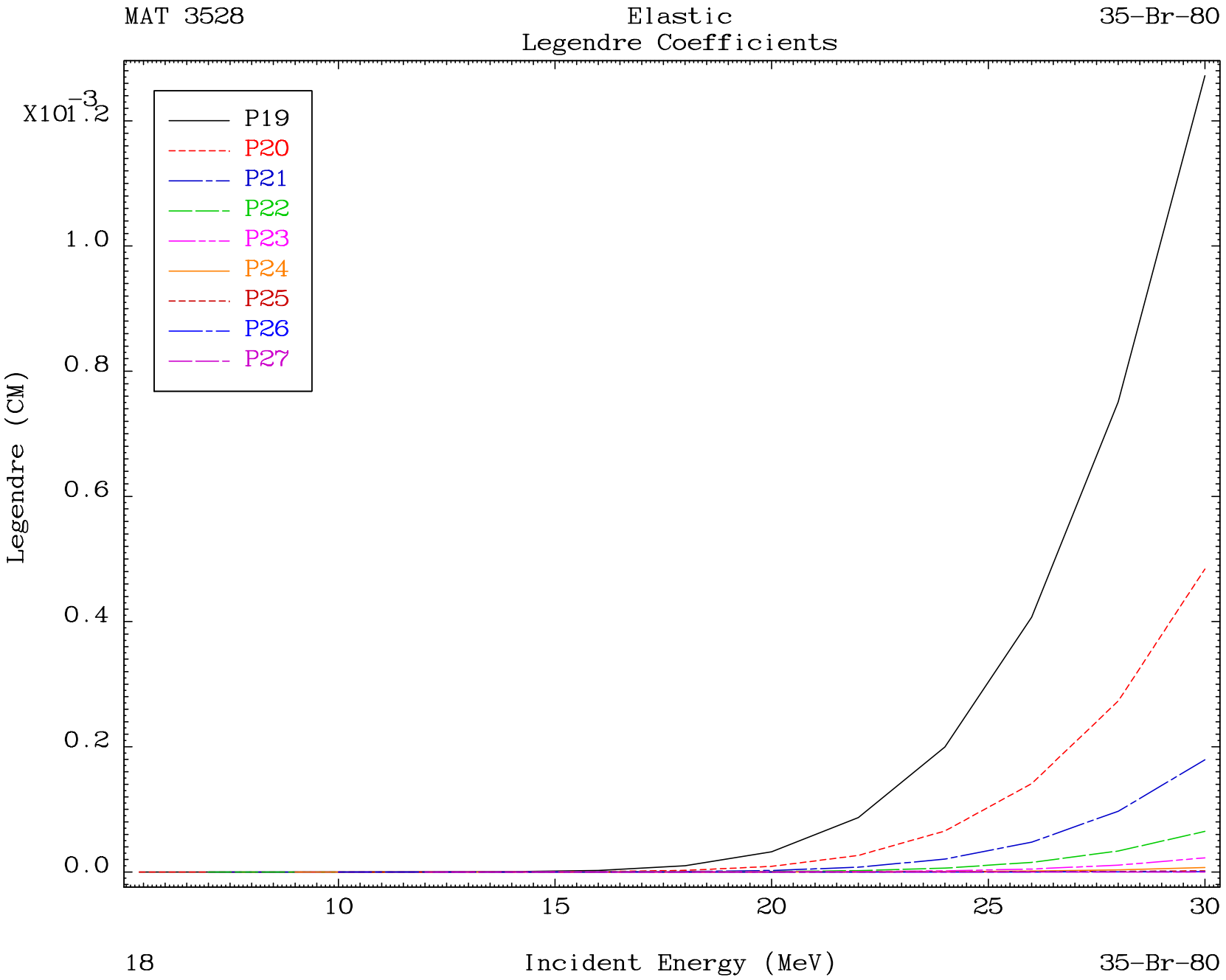

MAT 3528
(n,He3) Levels
35-Br-80
293 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
10^1
2
3
4
5
6
7
8
9
10^2
2
13
Incident Energy (MeV)
35-Br-80

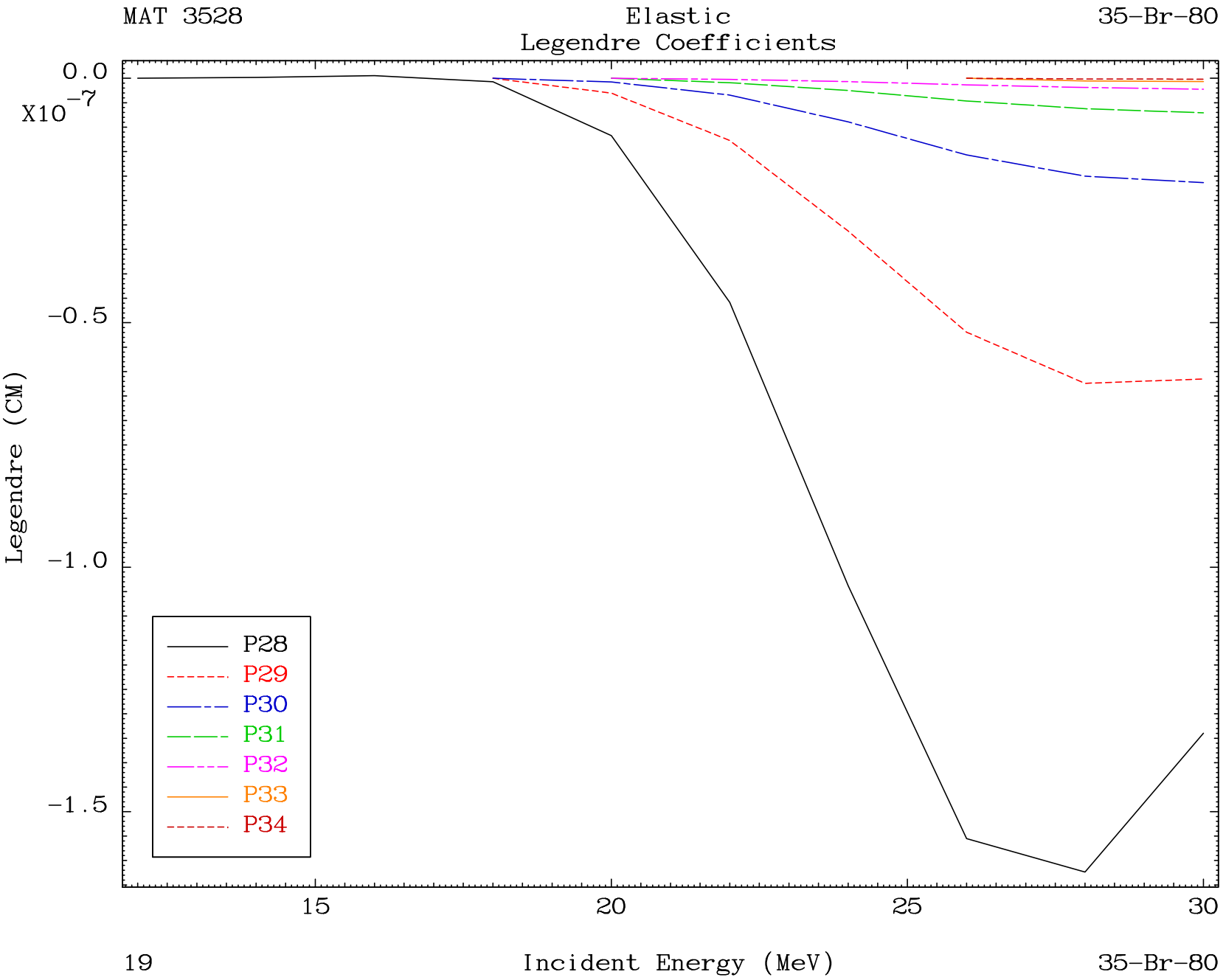

MAT 3528
(n,α) Levels
35-Br-80
293 Kelvin Cross Sections
(n,α)
Cross Section (barns)
Incident Energy (MeV)
14
35-Br-80

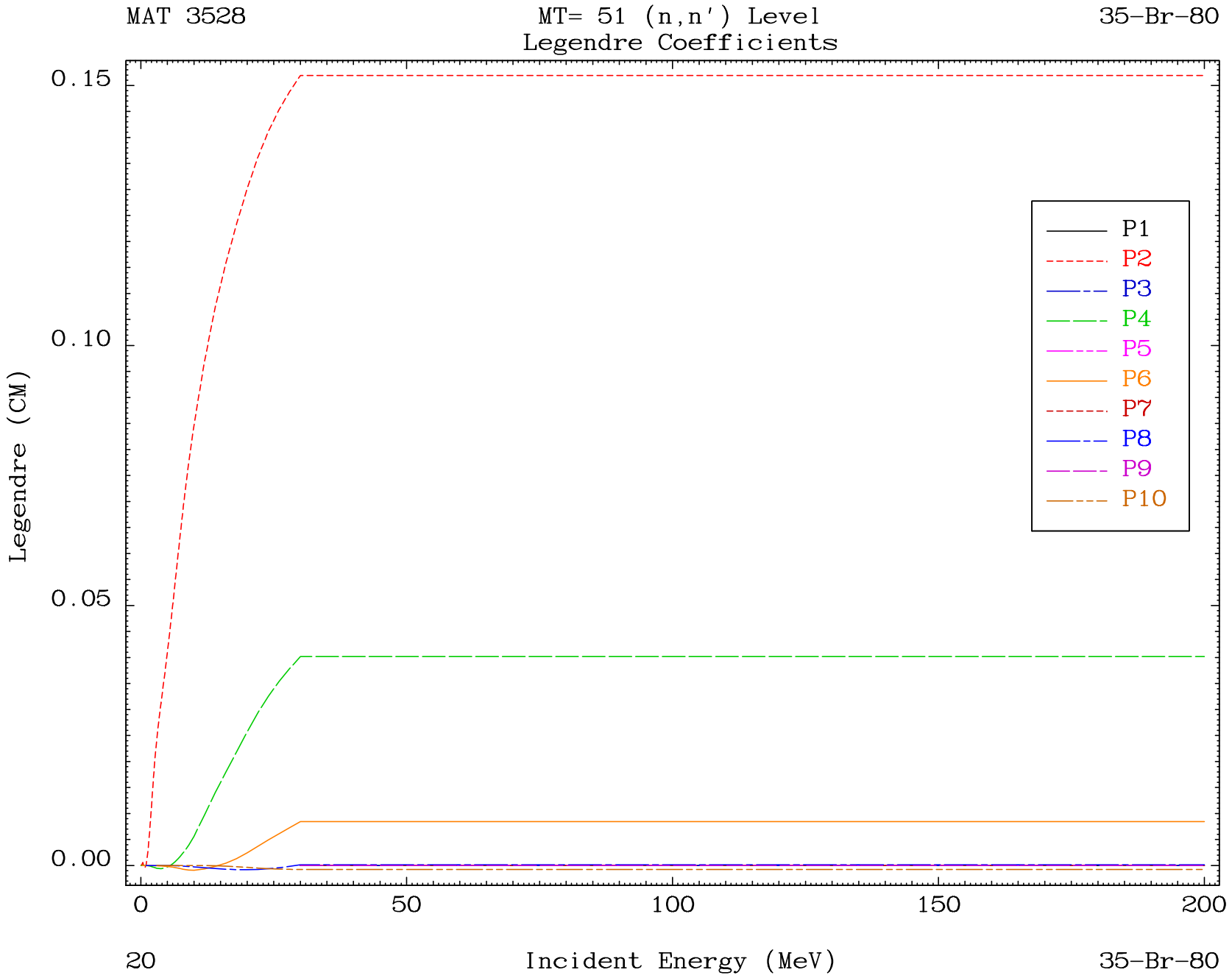

MAT 3528
Energy Release
Parameters
35-Br-80
Kerma total (eV-barns)
Kerma elastic
Kerma non-elastic (all but mt2)
Kerma inelastic (mt51-91)
Kerma capture (mt102)
Total photon (eV-barns)
Total kinematic kerma (high limit)
Dpa total (eV-barns)
Dpa elastic (mt2)
Dpa inelastic (mt51-91)
Dpa disappearance (mt102 -120)
Parameters
10^{14}
10^{12}
10^{10}
10^{8}
10^{6}
10^{4}
10^{2}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
10^{2}
15
Incident Energy (MeV)
35-Br-80

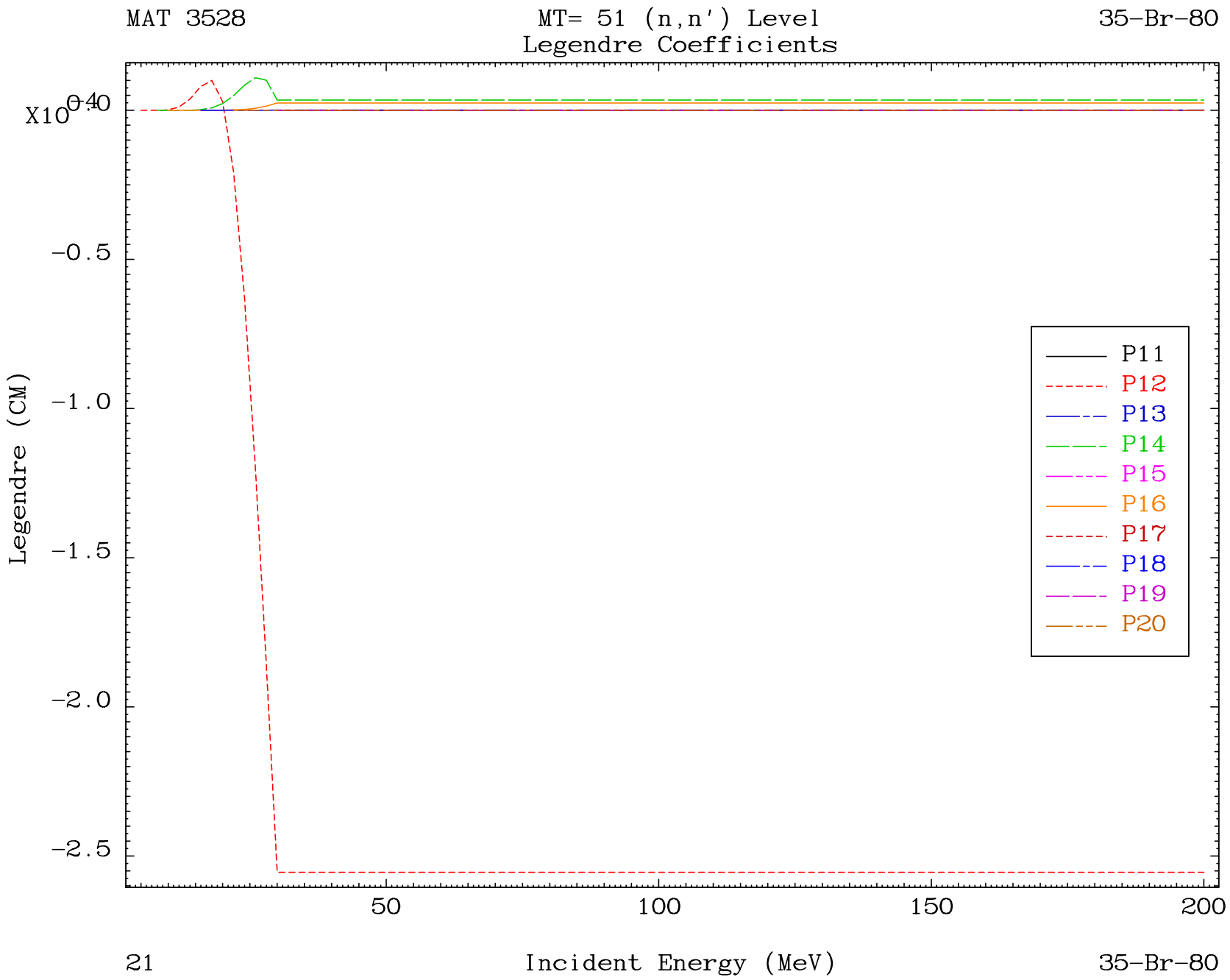

MAT 3528
Elastic
Legendre Coefficients
35-Br-80
P1
P2
P3
P4
P5
P6
P7
P8
P9
Legendre (CM)
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
16
Incident Energy (MeV)
35-Br-80

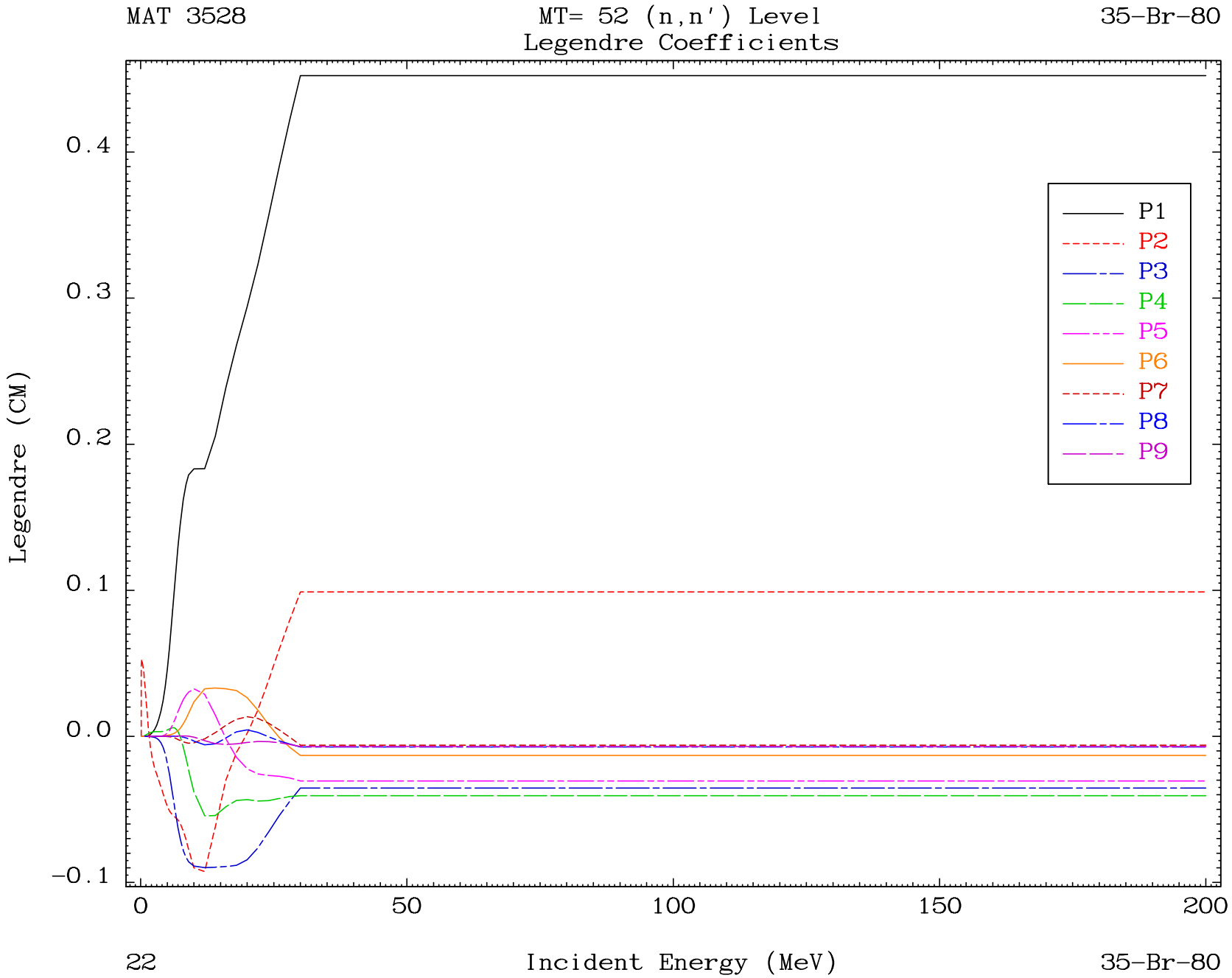

MAT 3528
Elastic
Legendre Coefficients
35-Br-80
P10
P11
P12
P13
P14
P15
P16
P17
P18
Legendre (CM)
0.25
0.20
0.15
0.10
0.05
0.00
5
10
15
20
25
30
17
Incident Energy (MeV)
35-Br-80

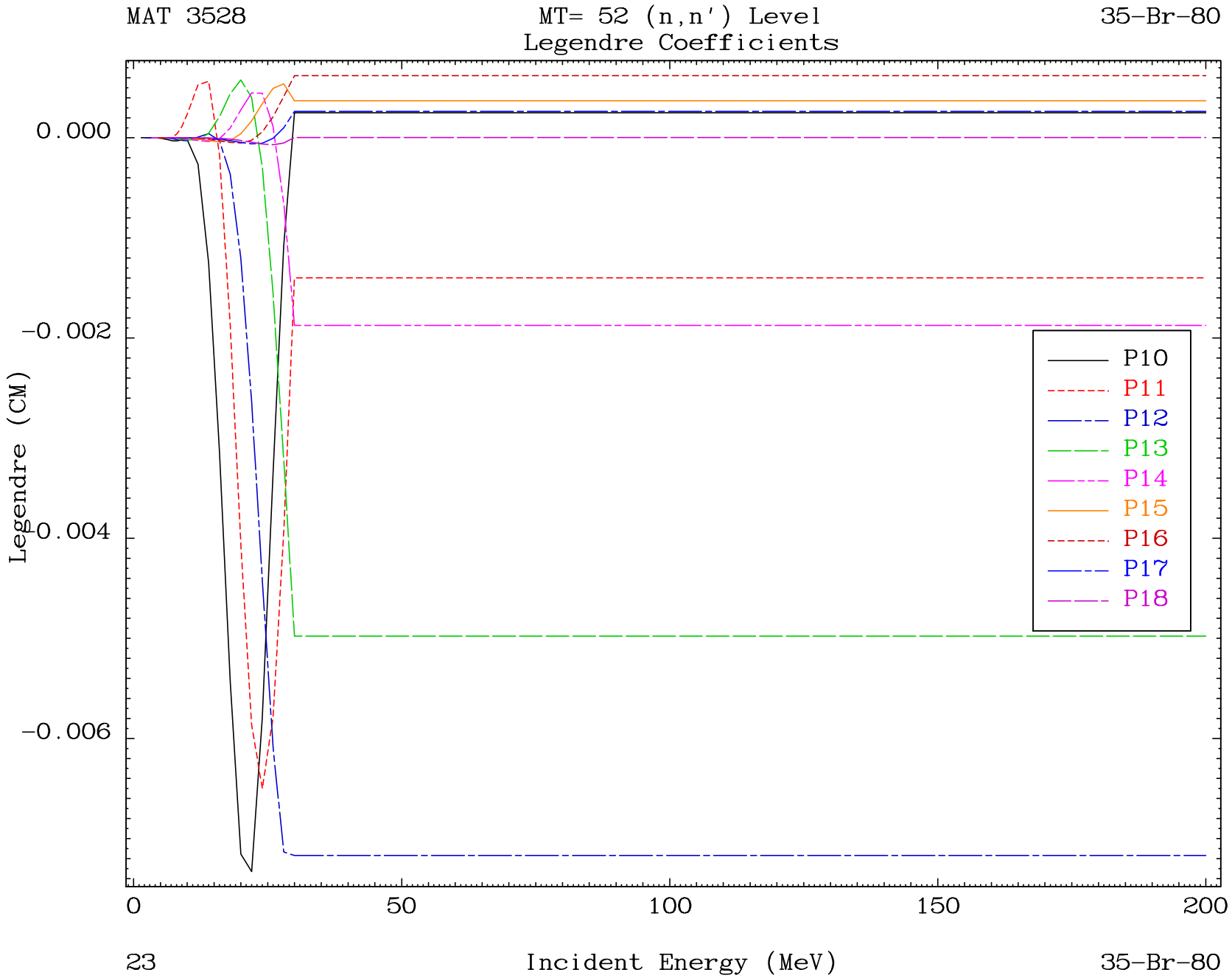

MAT 3528
Elastic
Legendre Coefficients
35-Br-80
X10^-3
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
P27
10
15
20
25
30
18
Incident Energy (MeV)
35-Br-80

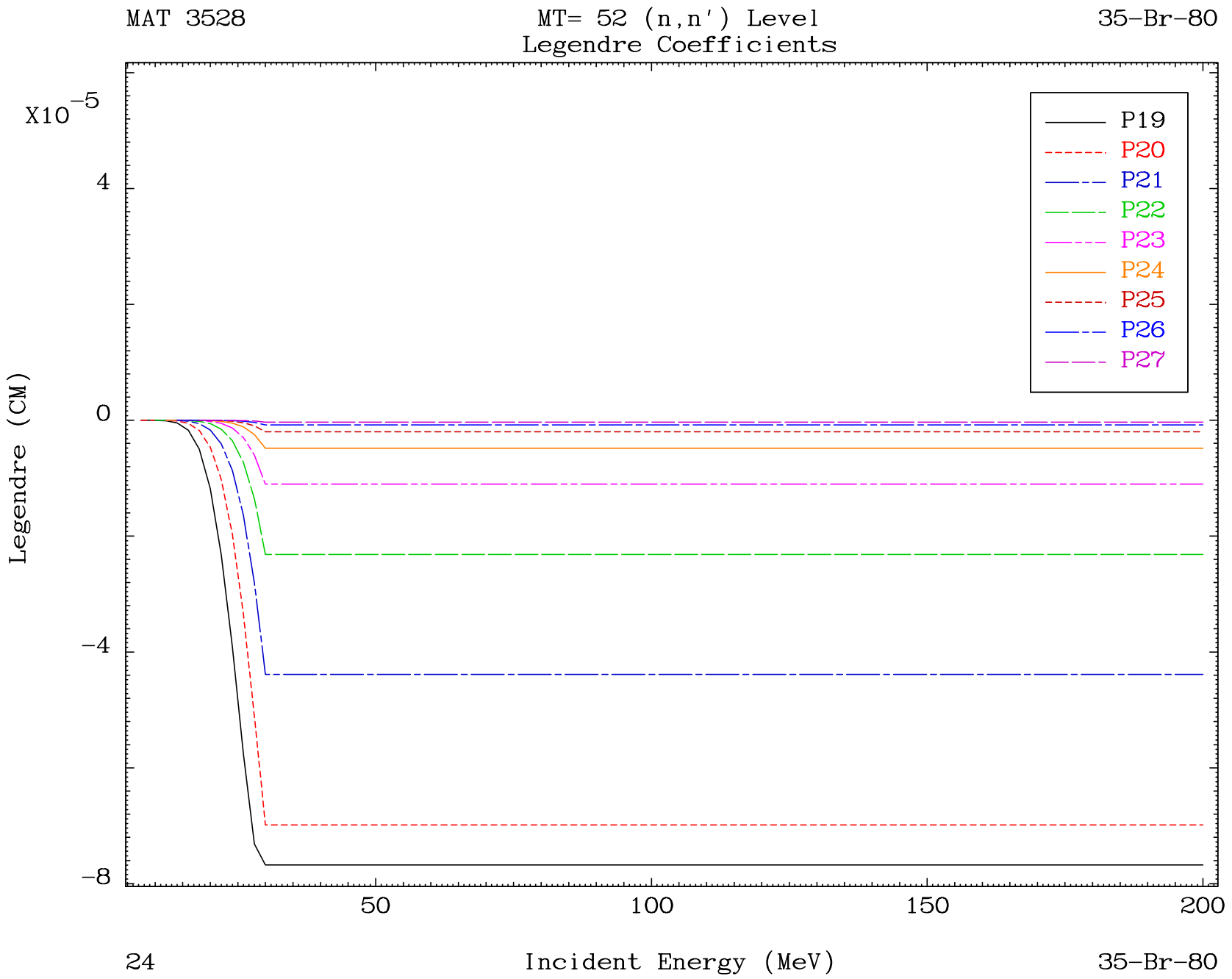

MAT 3528
Elastic
Legendre Coefficients
35-Br-80
0.0
X10^-7
-0.5
-1.0
-1.5
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
15
20
25
30
19
Incident Energy (MeV)
35-Br-80

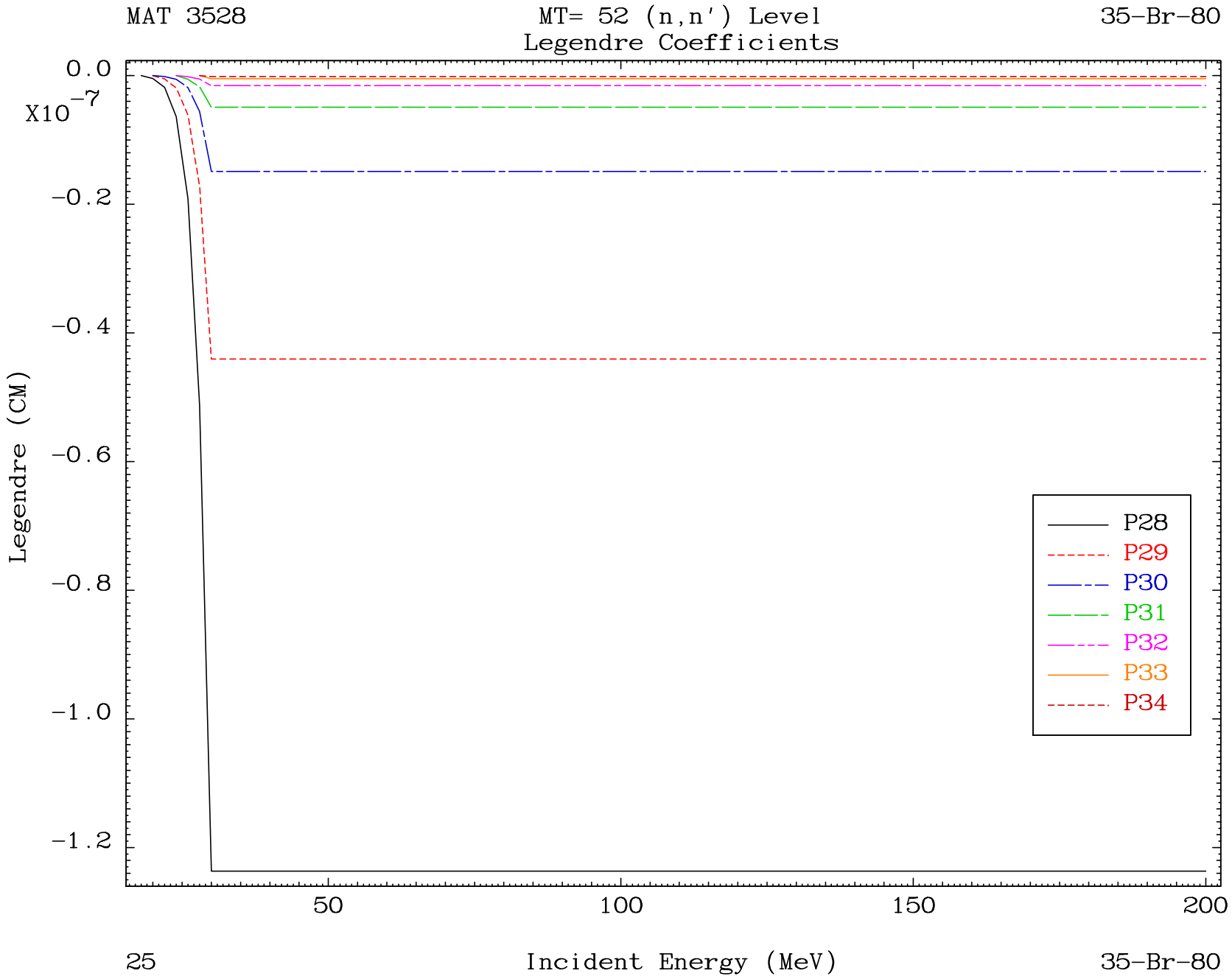

MAT 3528
MT= 51 (n,n') Level
Legendre Coefficients
35-Br-80
0.15
0.10
0.05
0.00
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10
0
50
100
150
200
20
Incident Energy (MeV)
35-Br-80

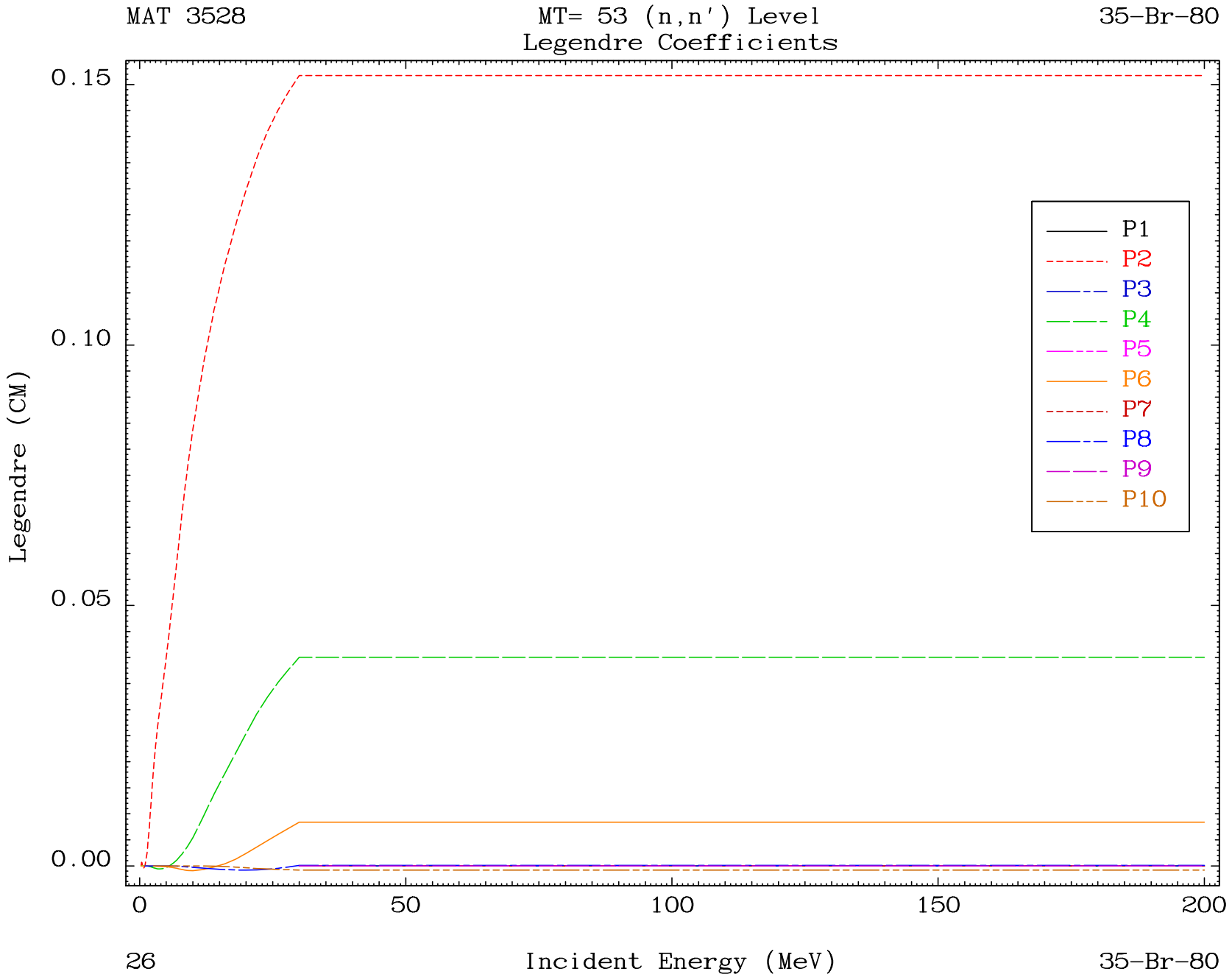

MAT 3528
MT= 51 (n,n') Level
Legendre Coefficients
35-Br-80
X10^0
0.0
-0.5
-1.0
-1.5
-2.0
-2.5
Legendre (CM)
50
100
150
200
Incident Energy (MeV)
21
35-Br-80
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20

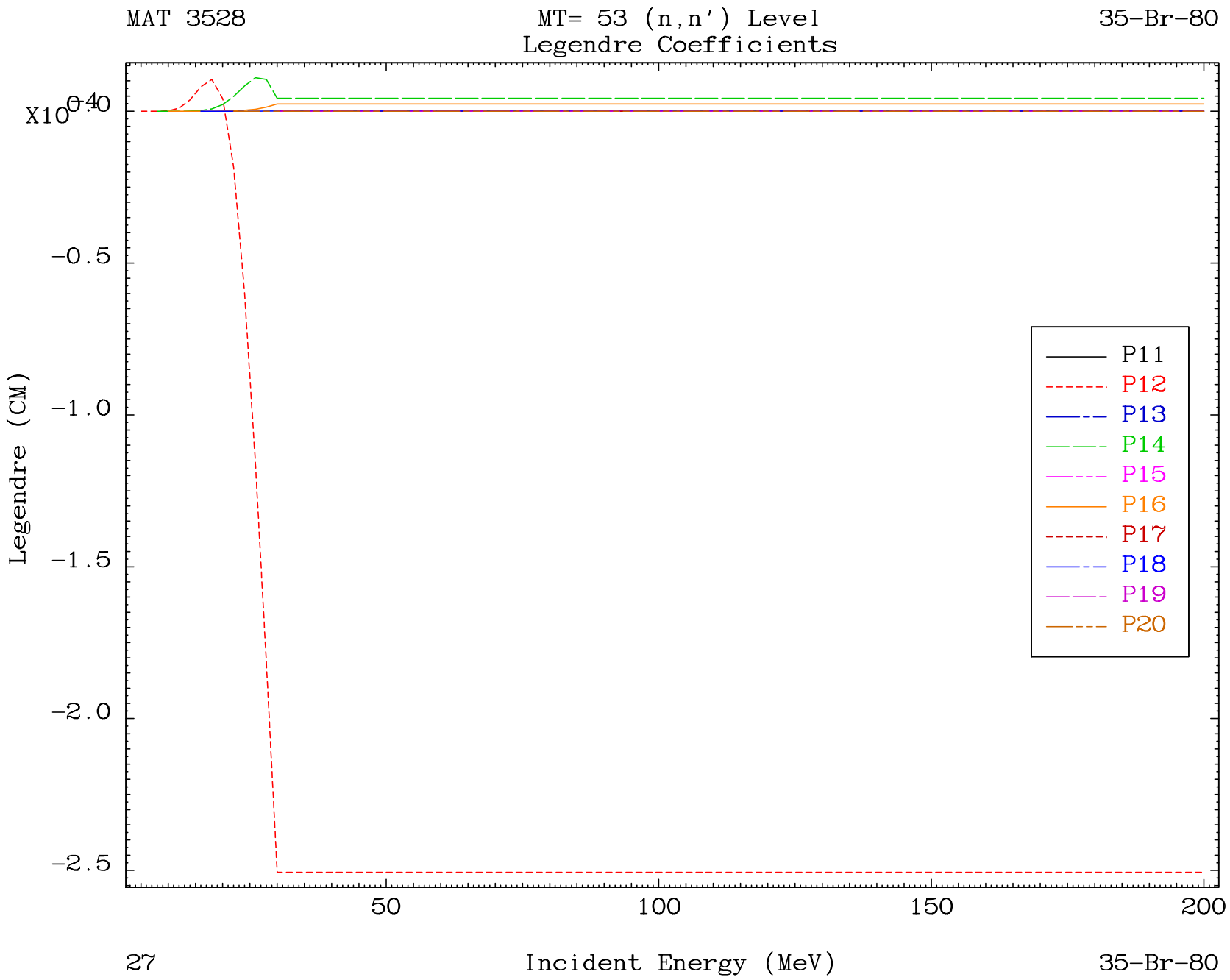

MAT 3528
MT= 52 (n,n') Level
Legendre Coefficients
35-Br-80
Legendre (CM)
0.4
0.3
0.2
0.1
0.0
-0.1
0
50
100
150
200
P1
P2
P3
P4
P5
P6
P7
P8
P9
22
Incident Energy (MeV)
35-Br-80

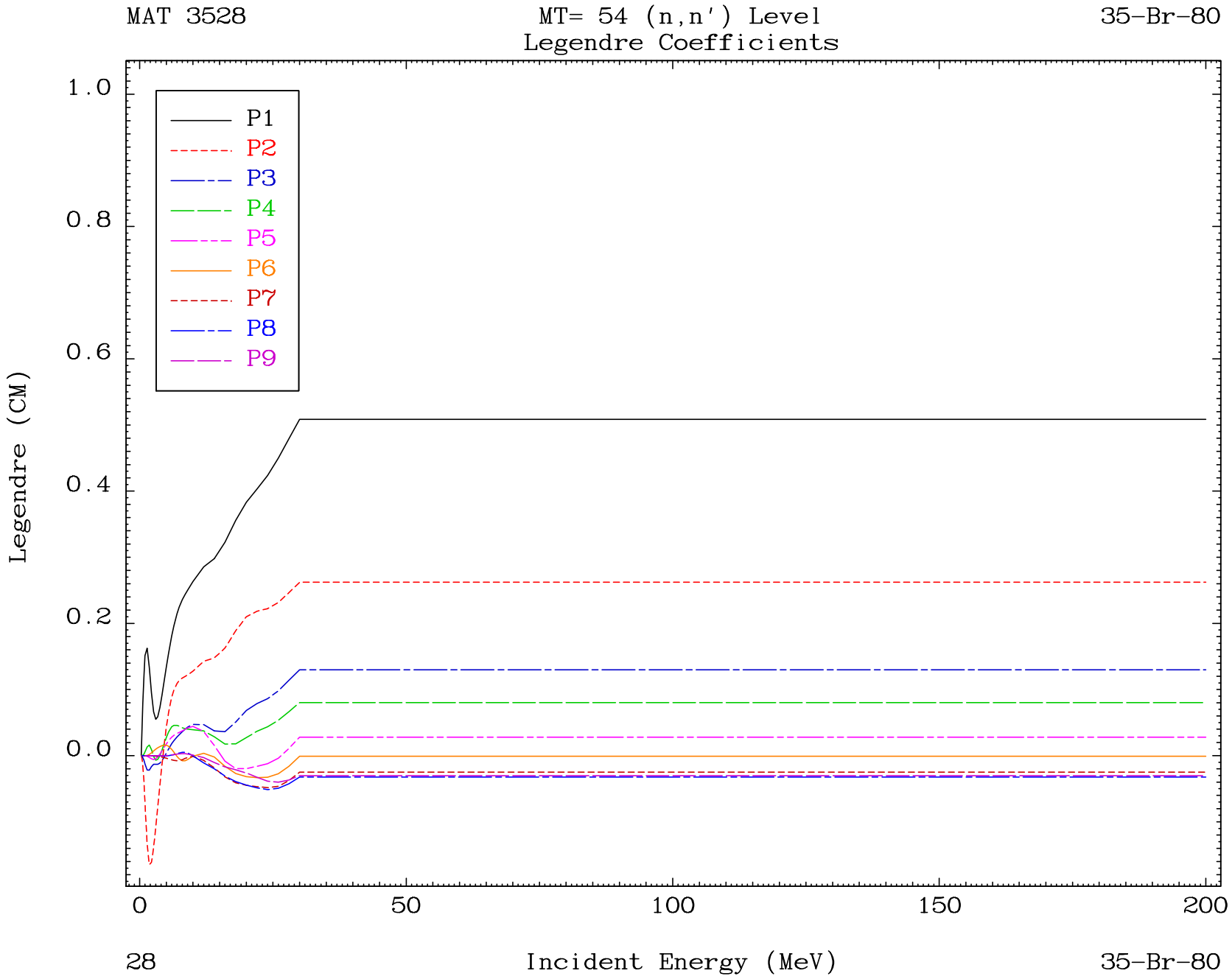

MAT 3528
MT= 52 (n,n') Level
Legendre Coefficients
35-Br-80
0.000
-0.002
-0.004
-0.006
Legendre (CM)
P10
P11
P12
P13
P14
P15
P16
P17
P18
0
50
100
150
200
23
Incident Energy (MeV)
35-Br-80

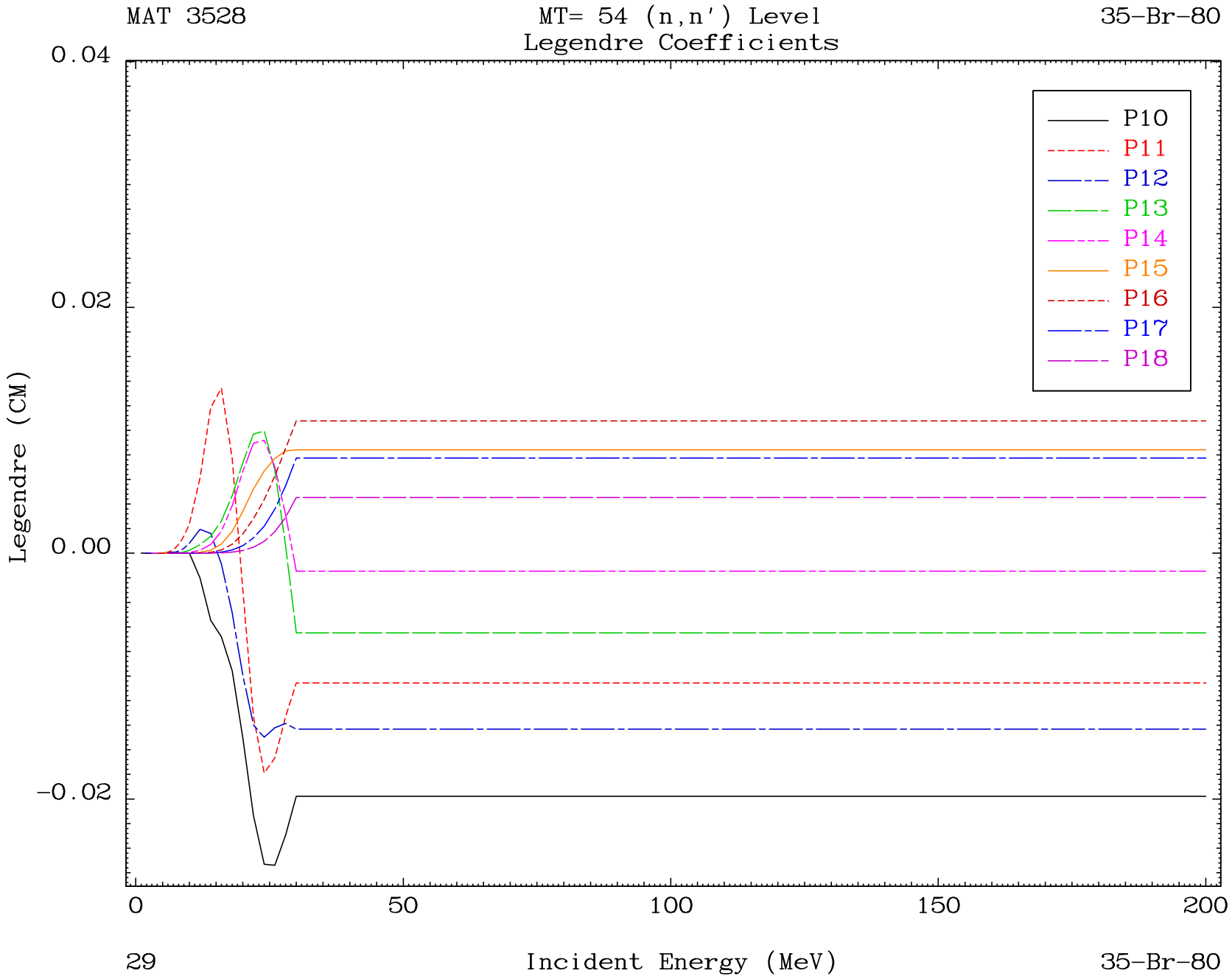

MAT 3528
MT= 52 (n,n') Level
Legendre Coefficients
35-Br-80
X10-5
4
0
-4
-8
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
P27
50
100
150
200
24
Incident Energy (MeV)
35-Br-80

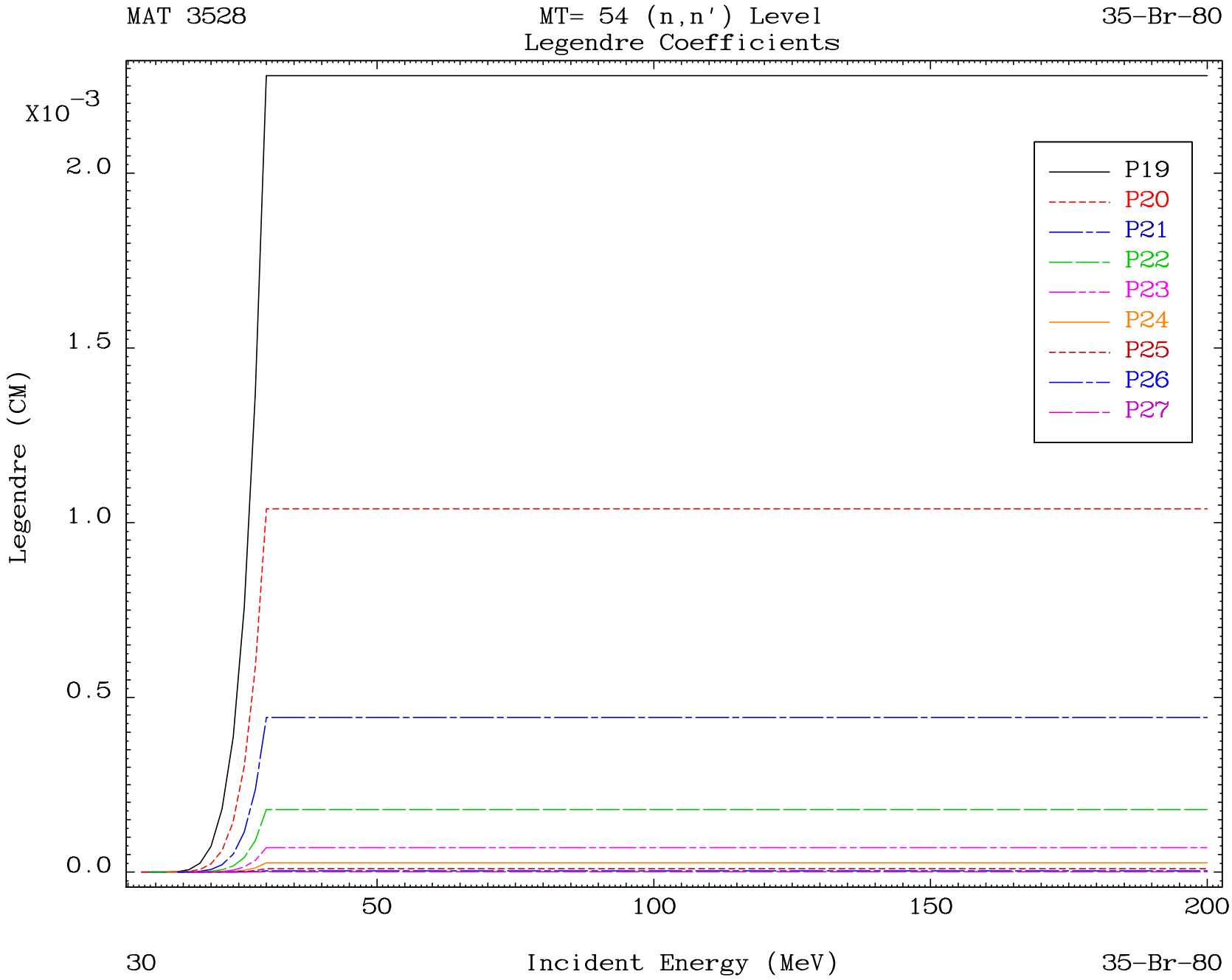

MAT 3528
MT= 52 (n,n') Level
Legendre Coefficients
35-Br-80
0.0
X10-7
-0.2
-0.4
-0.6
-0.8
-1.0
-1.2
Legendre (CM)
50
100
150
200
25
Incident Energy (MeV)
35-Br-80
P28
P29
P30
P31
P32
P33
P34

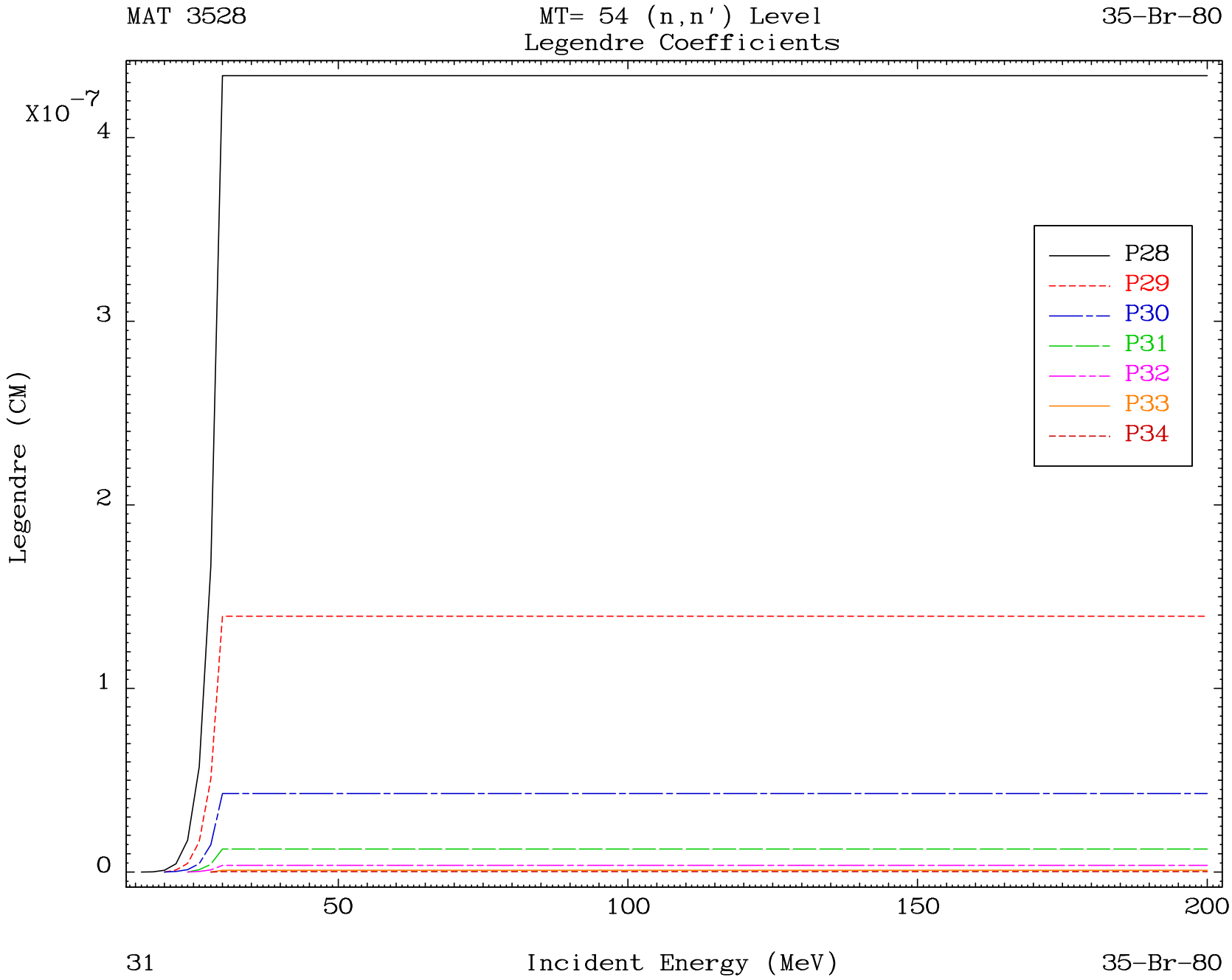

MAT 3528
MT= 53 (n,n') Level
Legendre Coefficients
35-Br-80
0.15
0.10
0.05
0.00
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10
0
50
100
150
200
26
Incident Energy (MeV)
35-Br-80

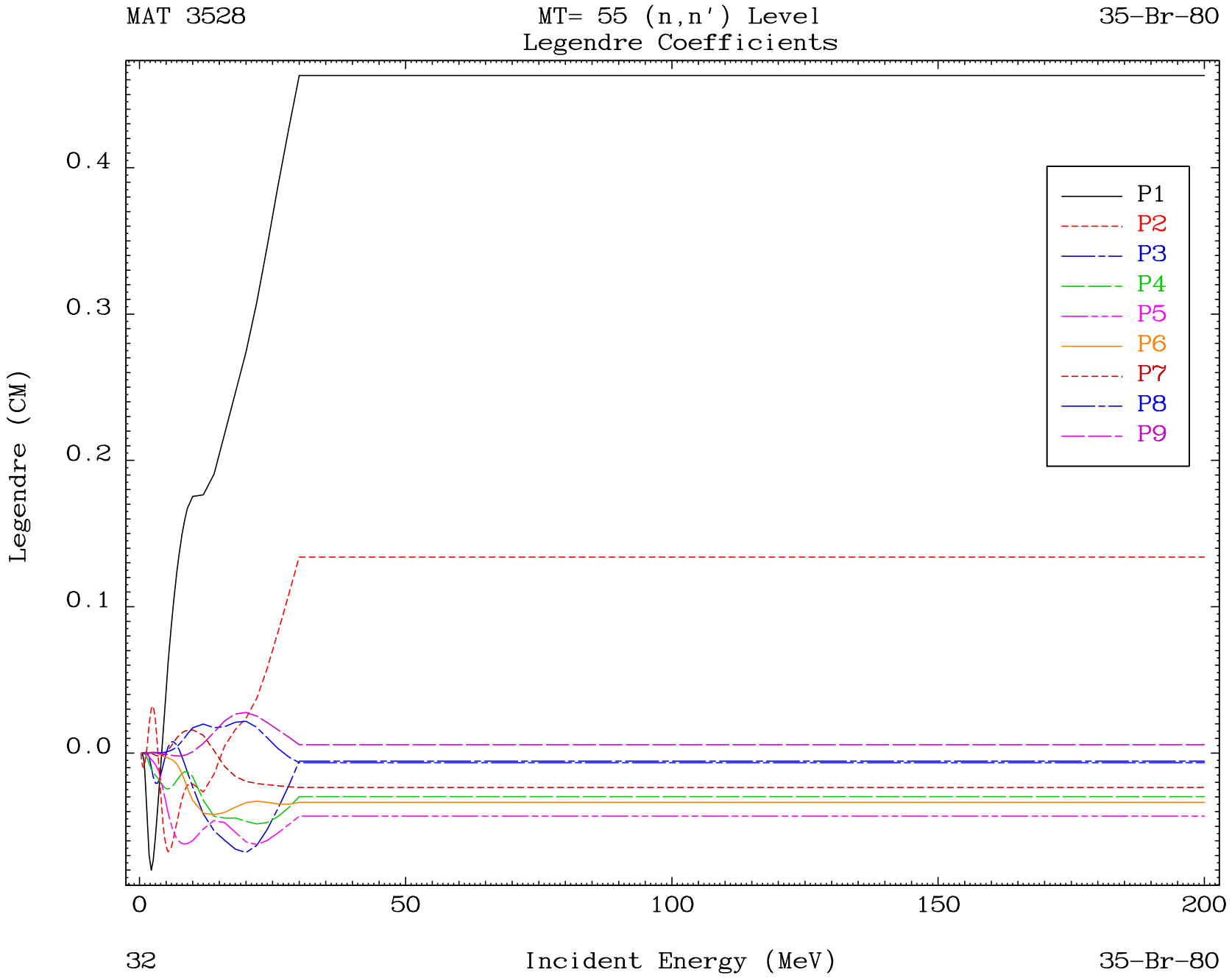

MAT 3528
MT= 53 (n,n') Level
Legendre Coefficients
35-Br-80
X10^-0
0.0
-0.5
-1.0
-1.5
-2.0
-2.5
Legendre (CM)
50
100
150
200
Incident Energy (MeV)
27
35-Br-80
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20

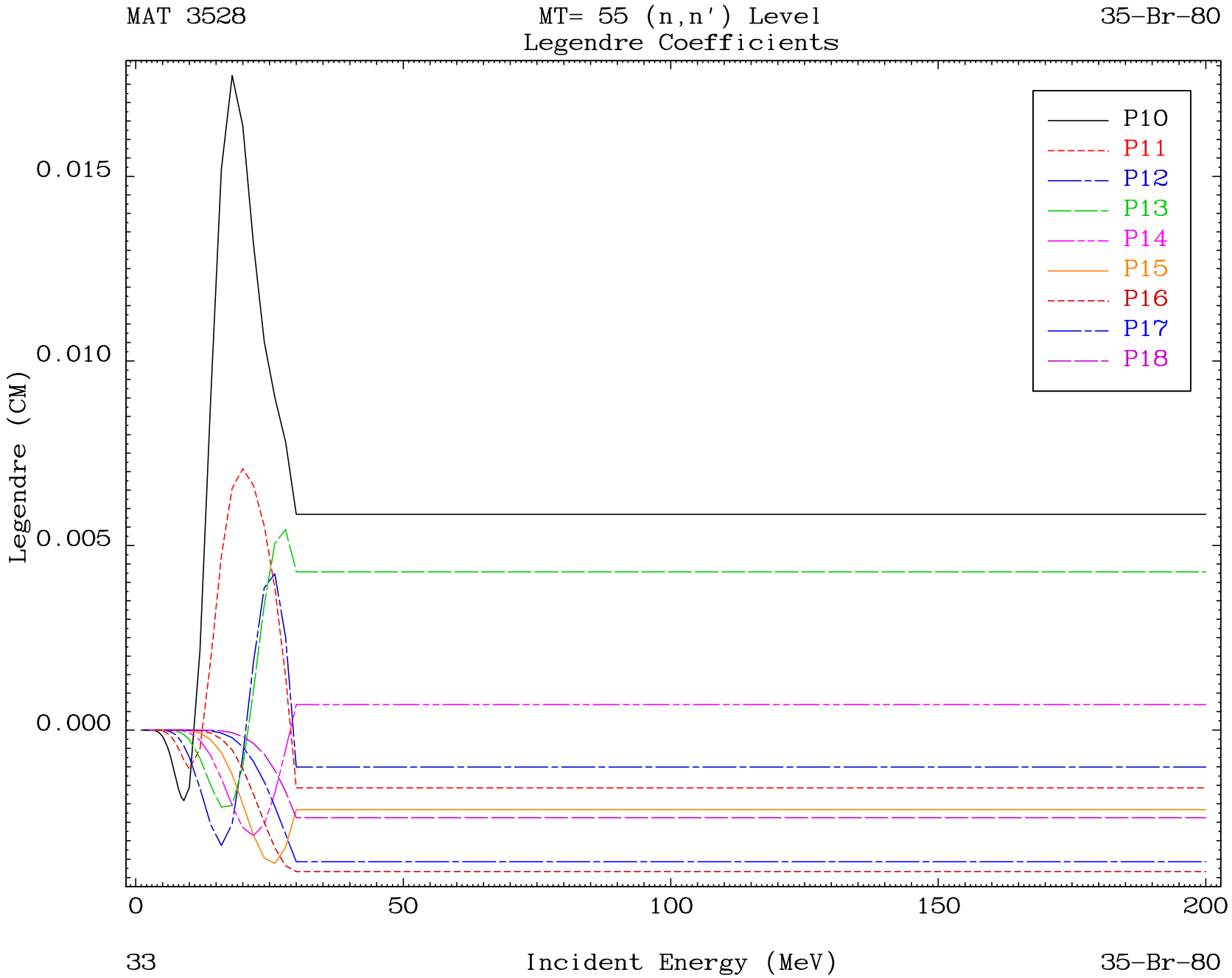

MAT 3528
MT= 54 (n,n') Level
Legendre Coefficients
35-Br-80
P1
P2
P3
P4
P5
P6
P7
P8
P9
Legendre (CM)
1.0
0.8
0.6
0.4
0.2
0.0
0
50
100
150
200
28
Incident Energy (MeV)
35-Br-80

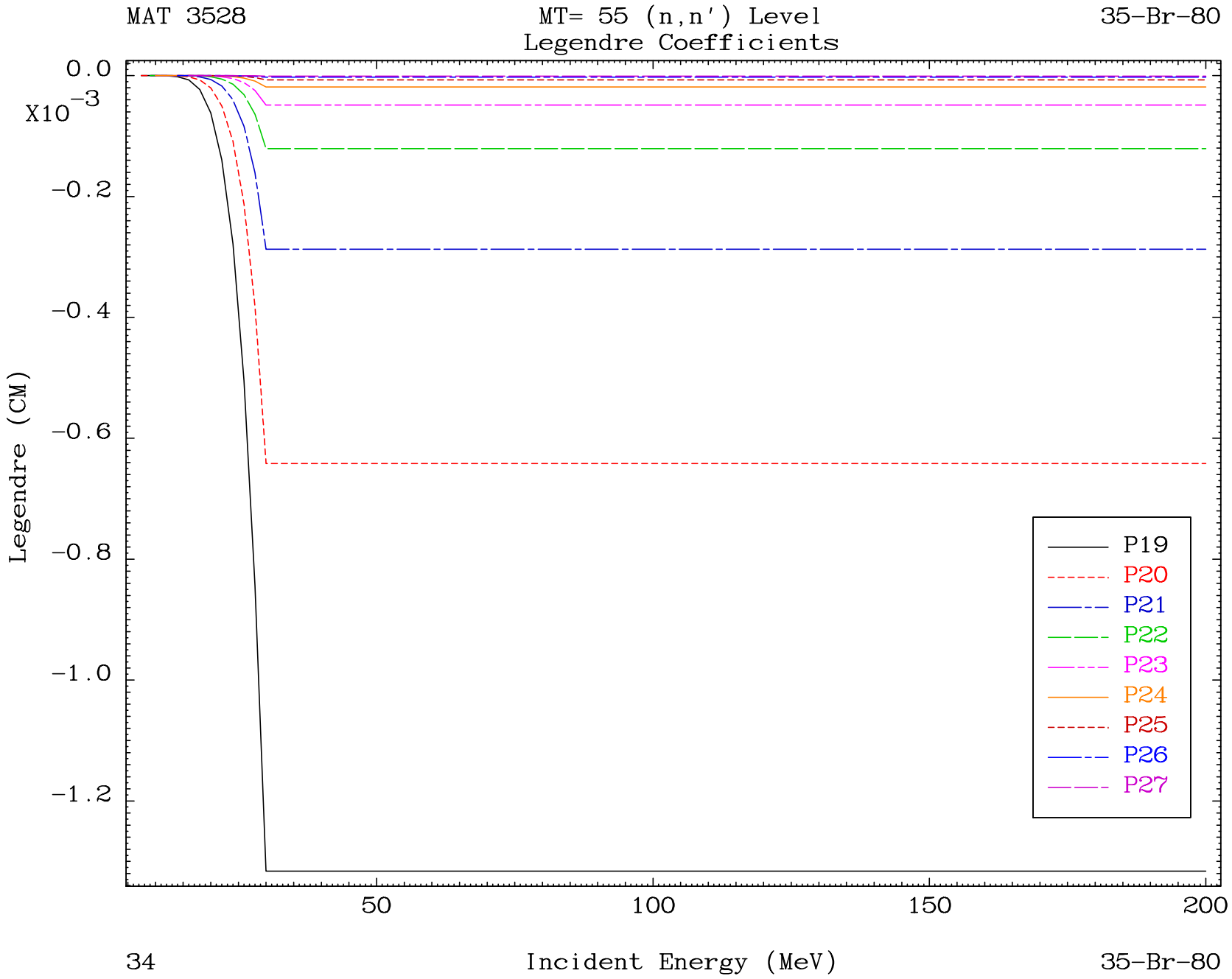

MAT 3528
MT= 54 (n,n') Level
Legendre Coefficients
35-Br-80
0.04
0.02
0.00
-0.02
Legendre (CM)
P10
P11
P12
P13
P14
P15
P16
P17
P18
0
50
100
150
200
29
Incident Energy (MeV)
35-Br-80

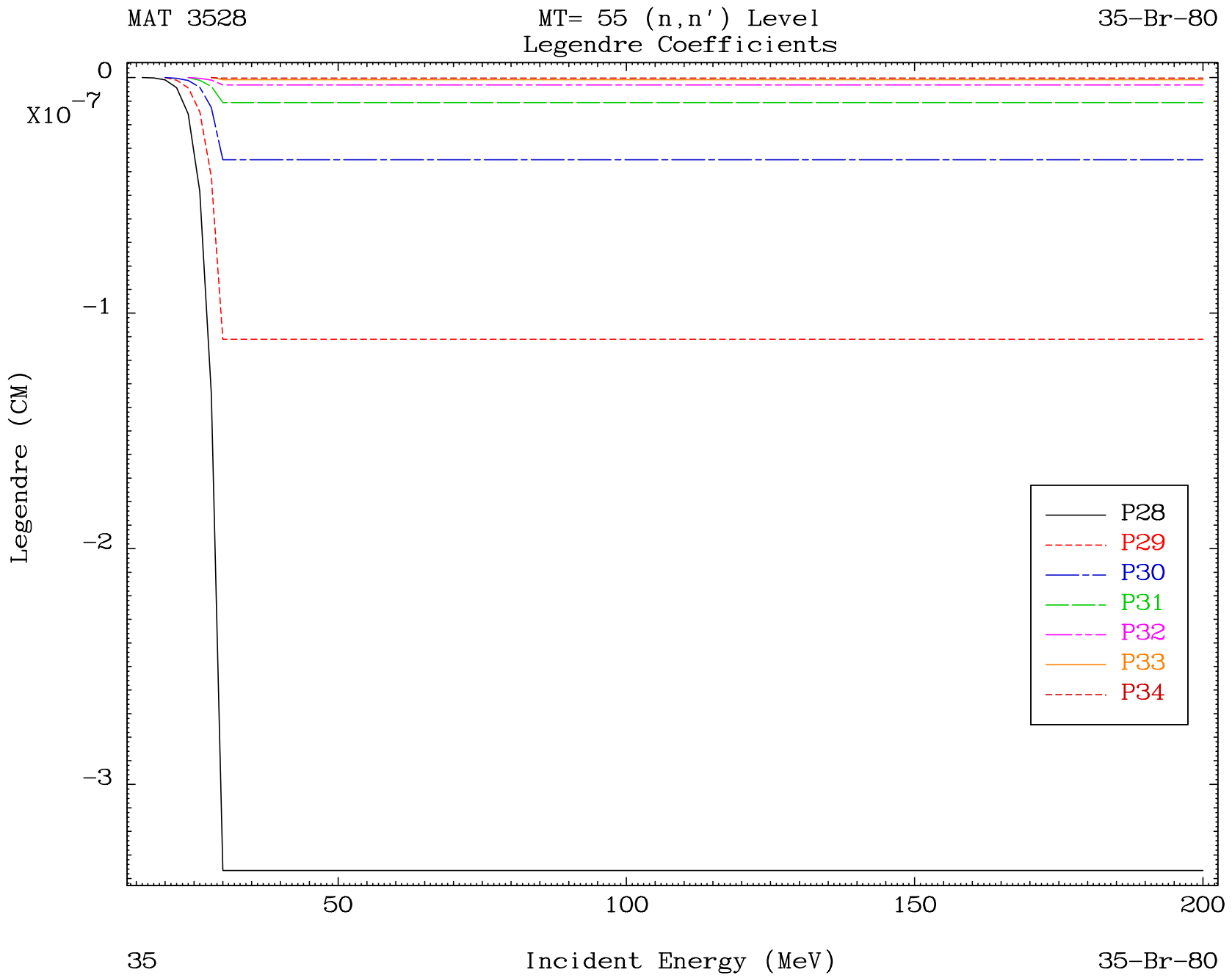

MAT 3528
MT= 54 (n,n') Level
Legendre Coefficients
35-Br-80
X10-3
2.0
1.5
1.0
0.5
0.0
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
P27
50
100
150
200
30
Incident Energy (MeV)
35-Br-80

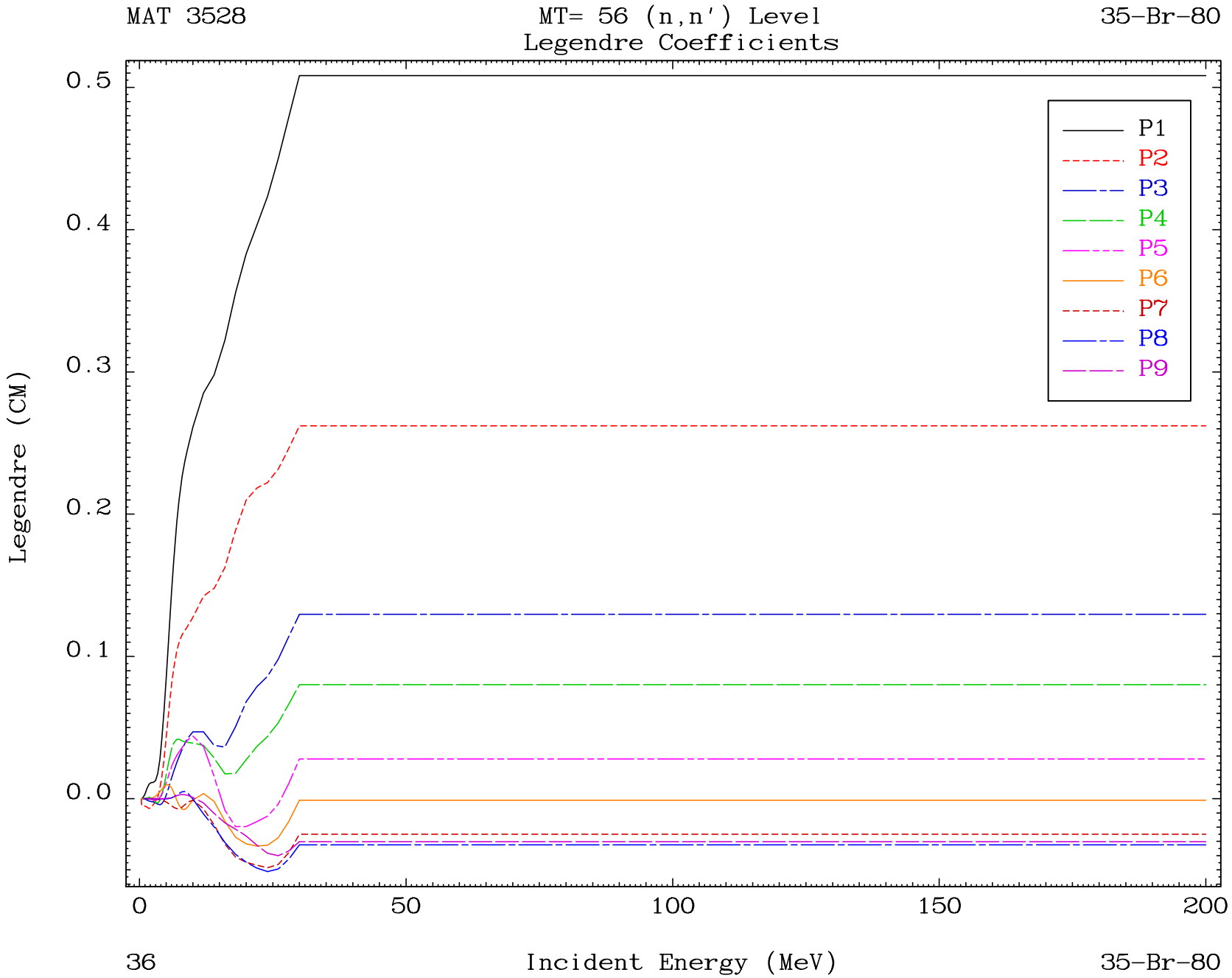

MAT 3528
MT= 54 (n,n') Level
Legendre Coefficients
35-Br-80
X10^-7
4
3
2
1
0
Legendre (CM)
50
100
150
200
P28
P29
P30
P31
P32
P33
P34
31
Incident Energy (MeV)
35-Br-80

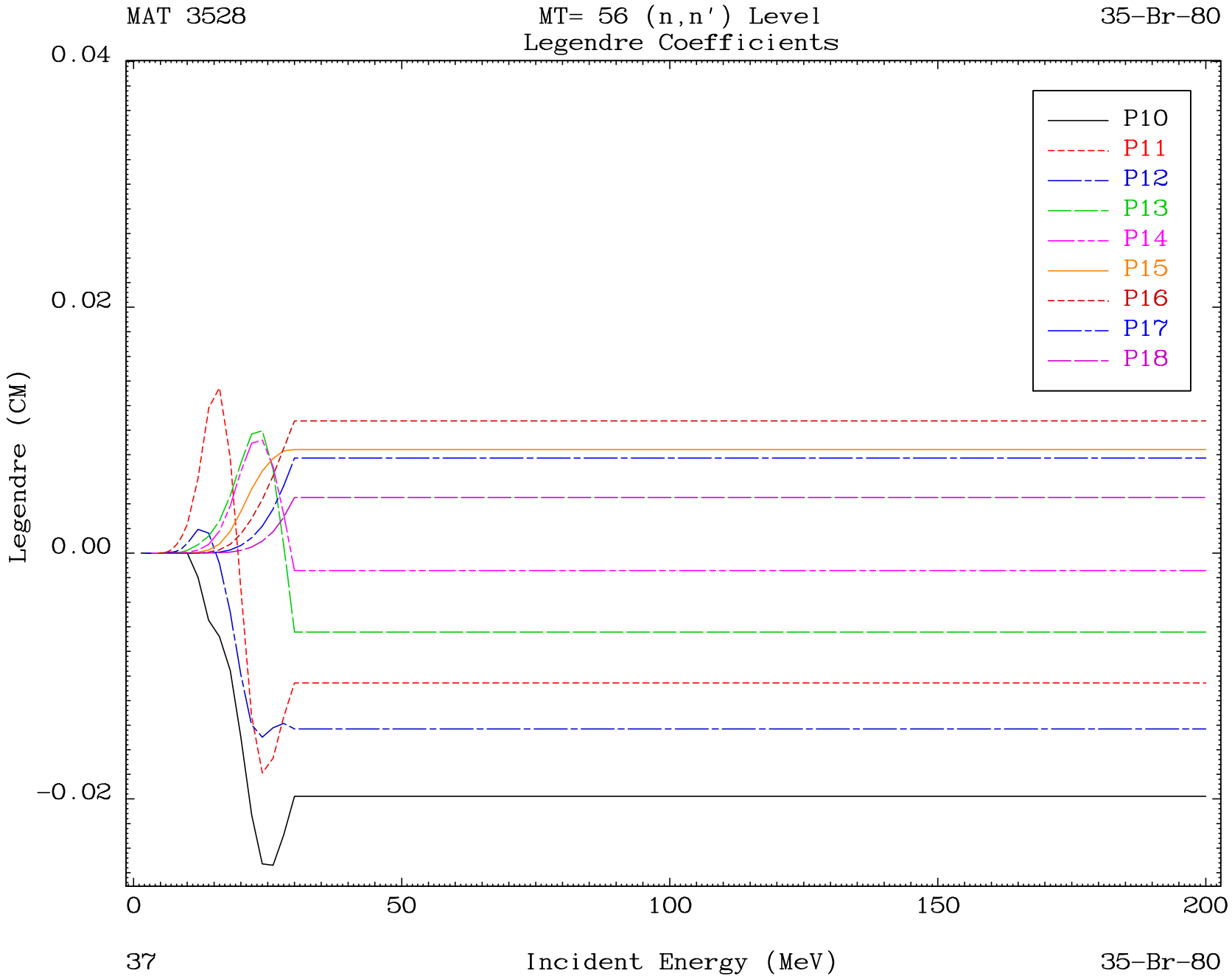

MAT 3528
MT= 55 (n,n') Level
Legendre Coefficients
35-Br-80
Legendre (CM)
0.4
0.3
0.2
0.1
0.0
0
50
100
150
200
32
Incident Energy (MeV)
35-Br-80
P1
P2
P3
P4
P5
P6
P7
P8
P9

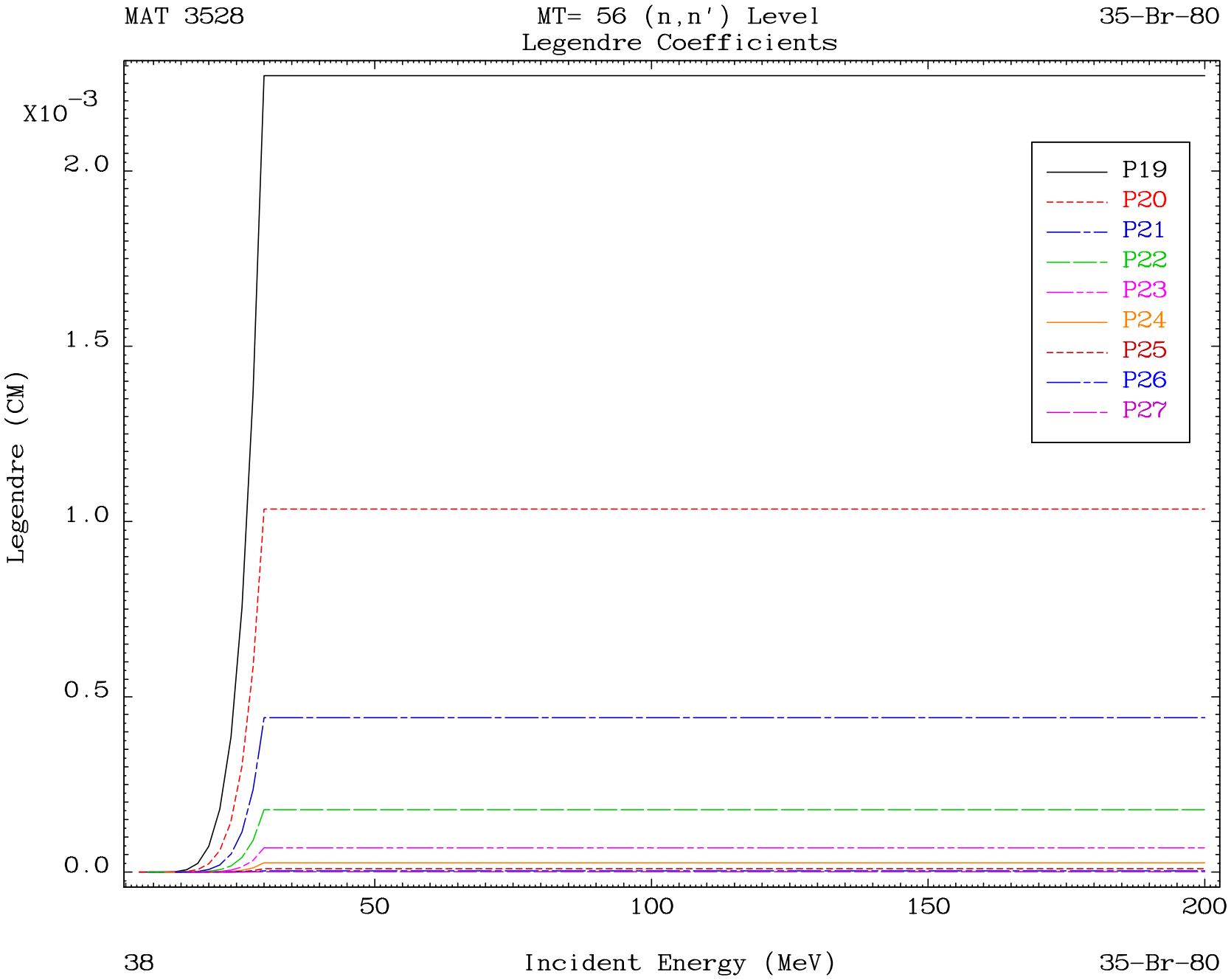

MAT 3528
MT= 55 (n,n') Level
Legendre Coefficients
35-Br-80
P10
P11
P12
P13
P14
P15
P16
P17
P18
0.015
0.010
0.005
0.000
Legendre (CM)
0
50
100
150
200
33
Incident Energy (MeV)
35-Br-80

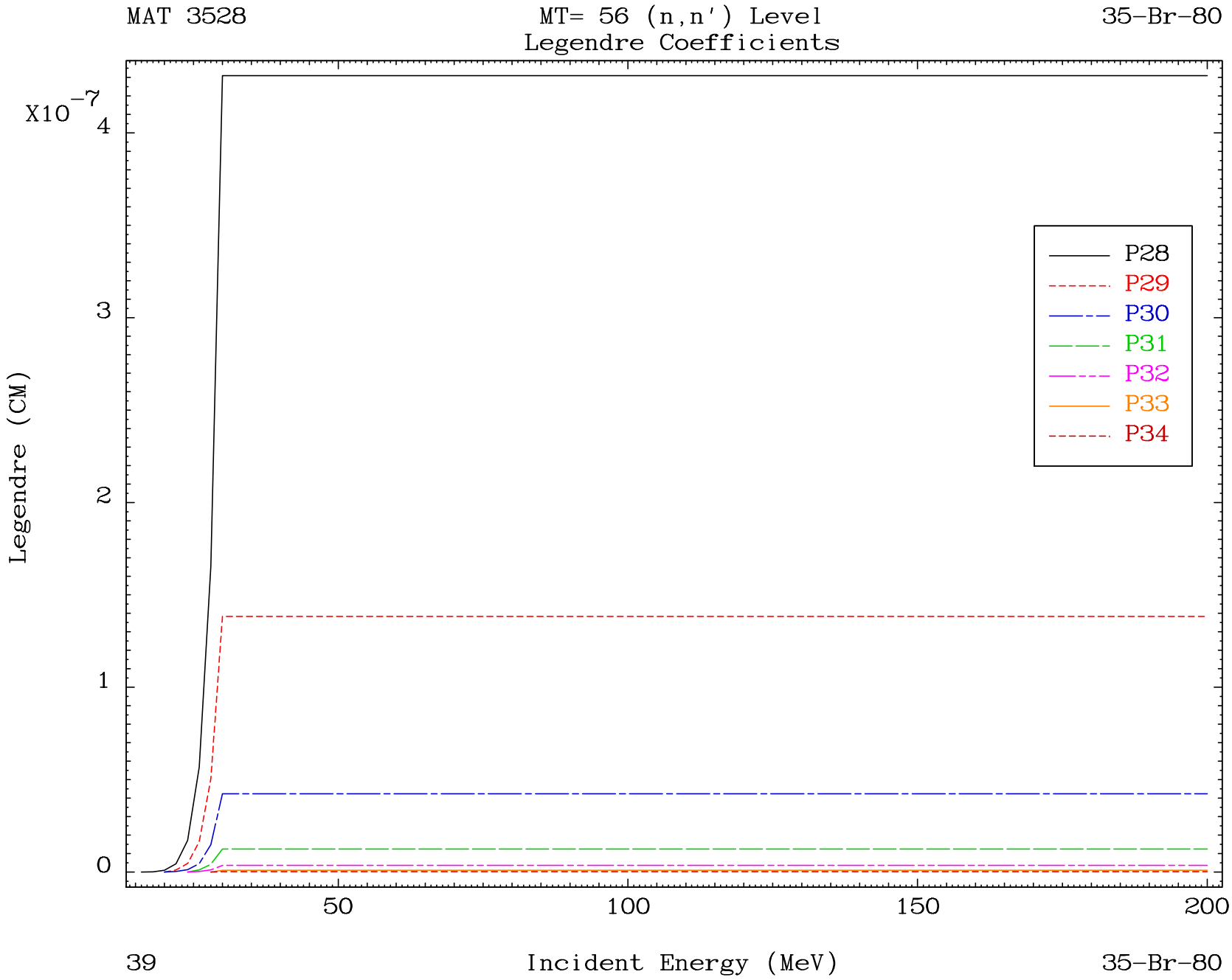

MAT 3528
MT= 55 (n,n') Level
Legendre Coefficients
35-Br-80
0.0
X10-3
-0.2
-0.4
-0.6
-0.8
-1.0
-1.2
Legendre (CM)
50
100
150
200
34
Incident Energy (MeV)
35-Br-80
P19
P20
P21
P22
P23
P24
P25
P26
P27

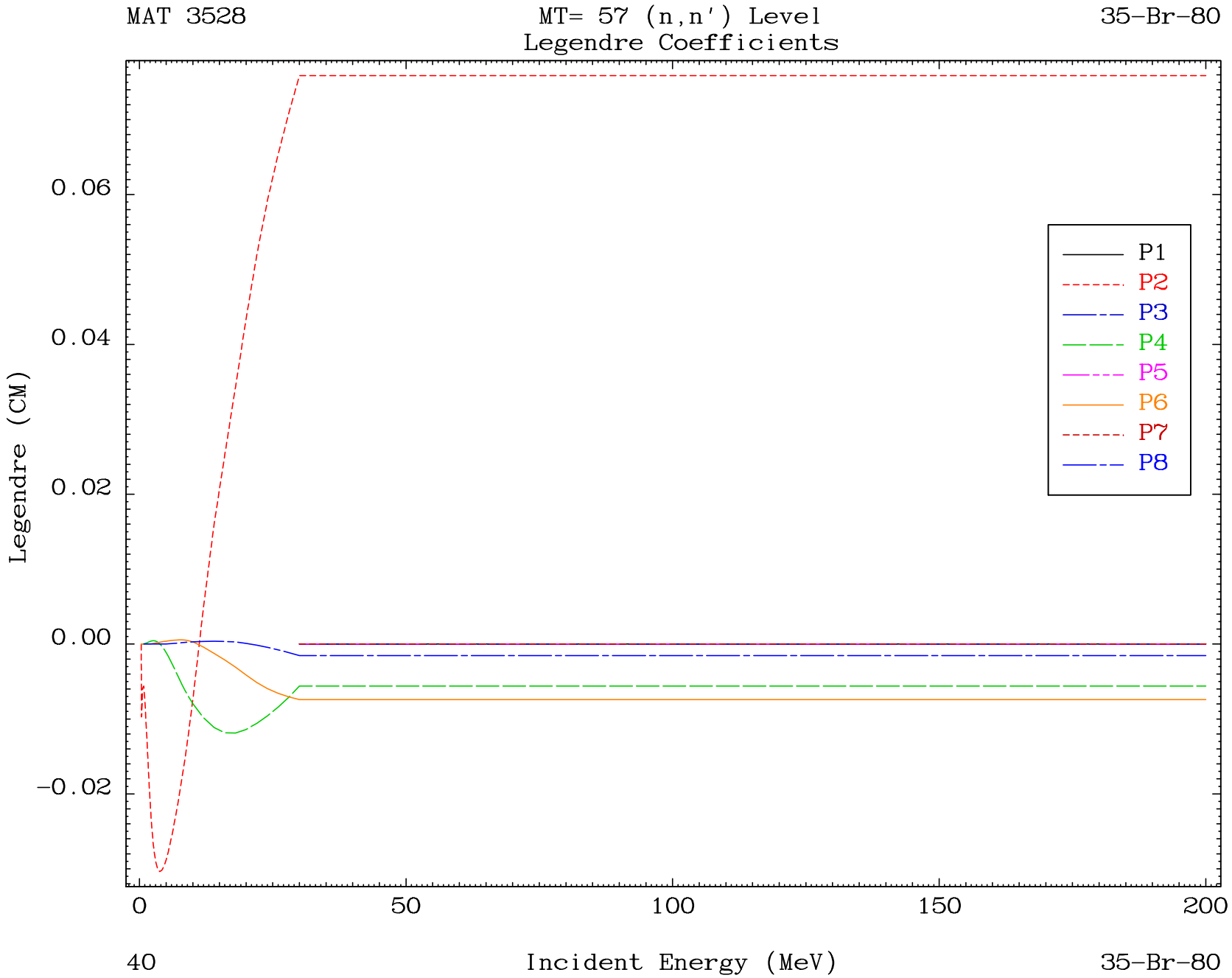

MAT 3528
MT= 55 (n,n') Level
Legendre Coefficients
35-Br-80
X10-7
0
-1
-2
-3
Legendre (CM)
50
100
150
200
35
Incident Energy (MeV)
35-Br-80
P28
P29
P30
P31
P32
P33
P34

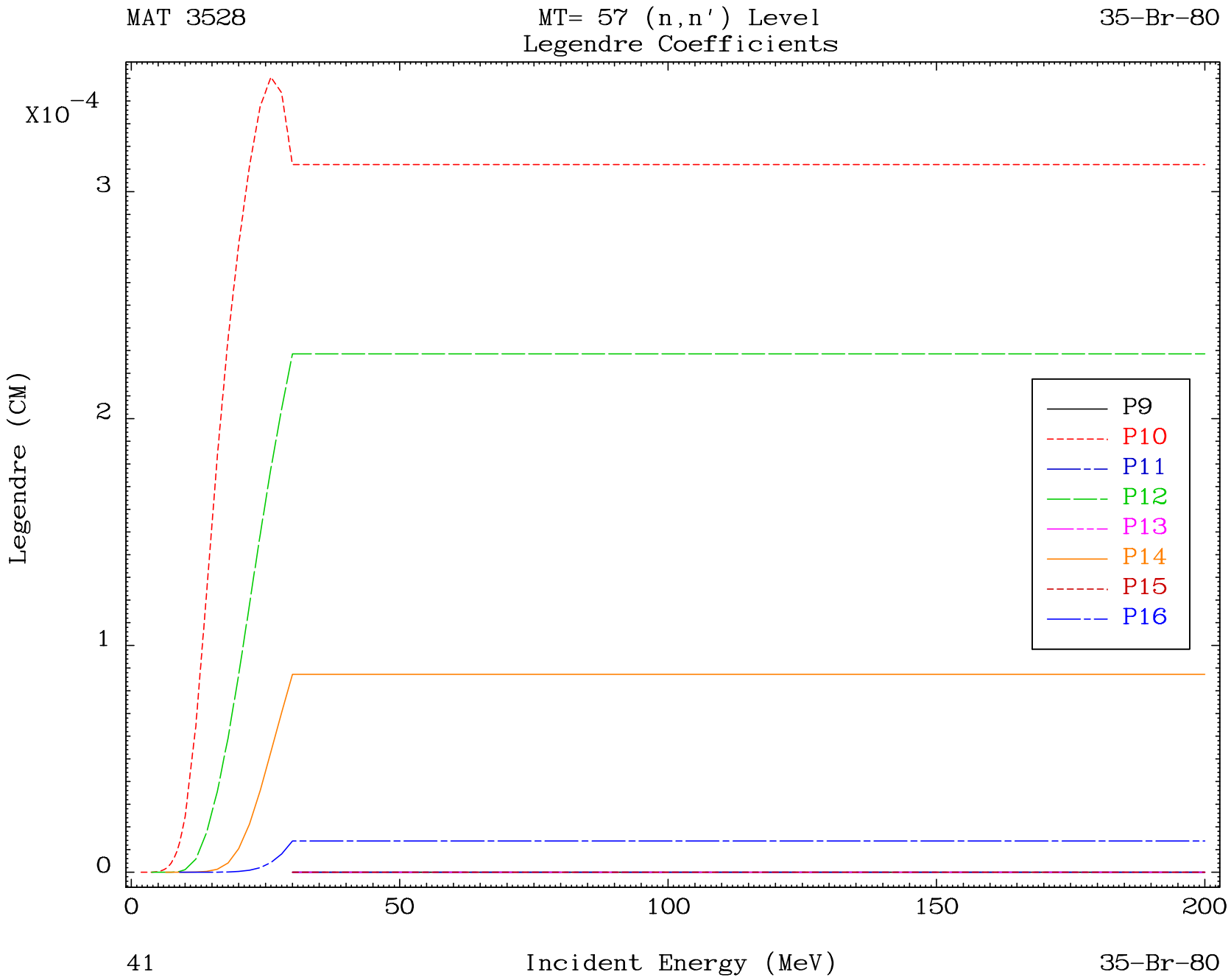

MAT 3528
MT= 56 (n,n') Level
Legendre Coefficients
35-Br-80
0.5
0.4
0.3
0.2
0.1
0.0
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
0
50
100
150
200
36
Incident Energy (MeV)
35-Br-80

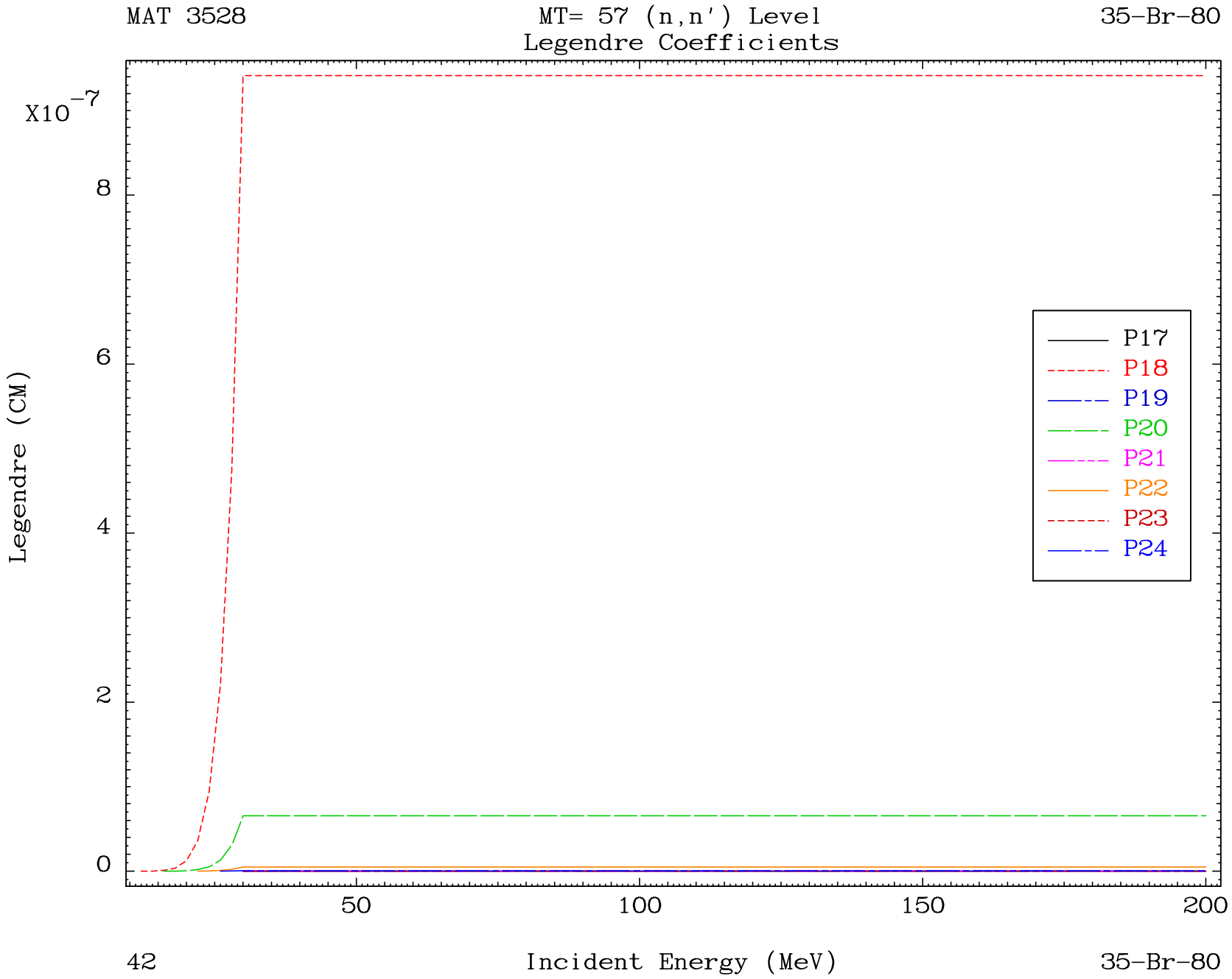

MAT 3528
MT= 56 (n,n') Level
Legendre Coefficients
35-Br-80
0.04
0.02
0.00
-0.02
Legendre (CM)
P10
P11
P12
P13
P14
P15
P16
P17
P18
0
50
100
150
200
37
Incident Energy (MeV)
35-Br-80

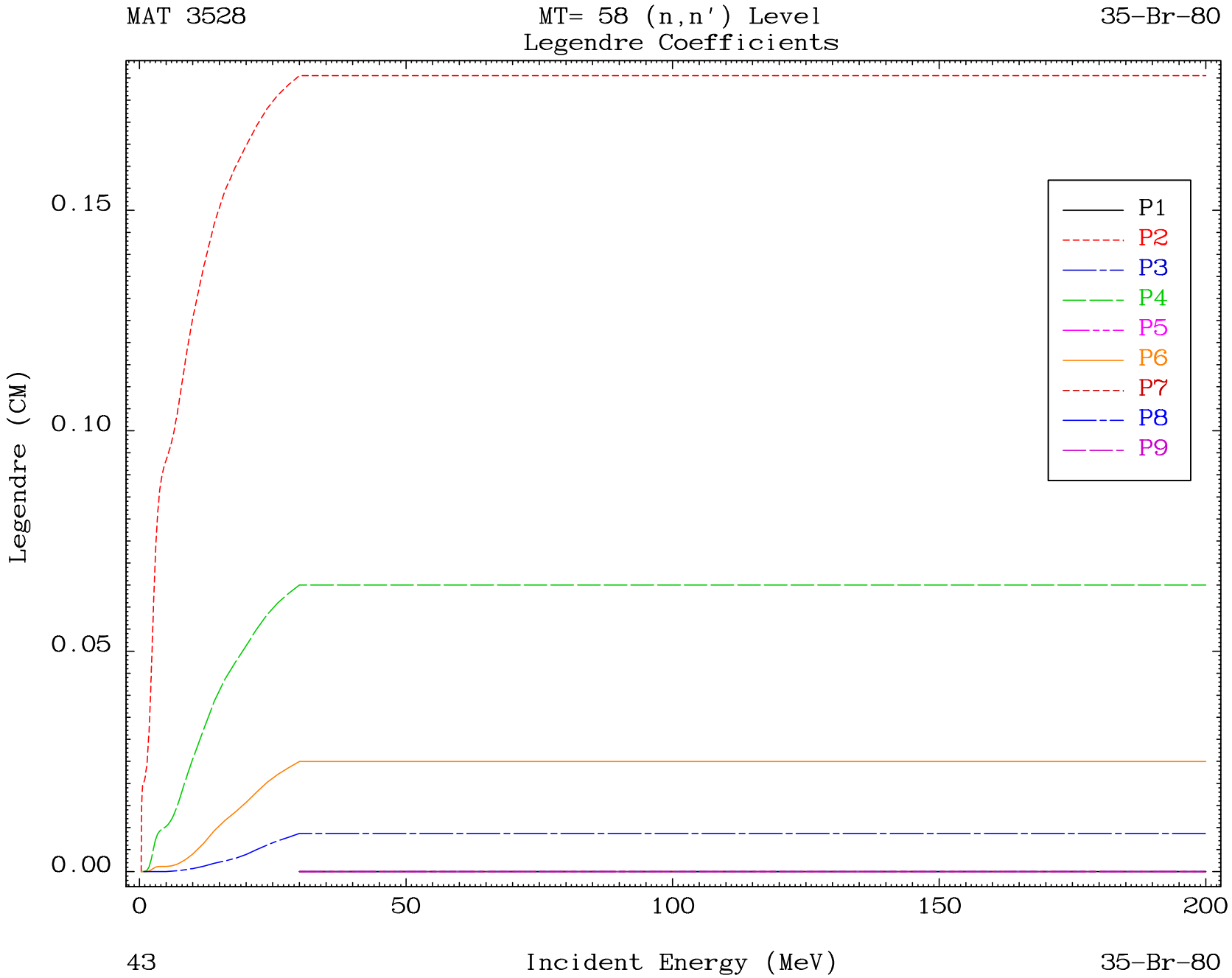

MAT 3528
MT= 56 (n,n') Level
Legendre Coefficients
35-Br-80
X10-3
2.0
1.5
1.0
0.5
0.0
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
P27
50
100
150
200
38
Incident Energy (MeV)
35-Br-80

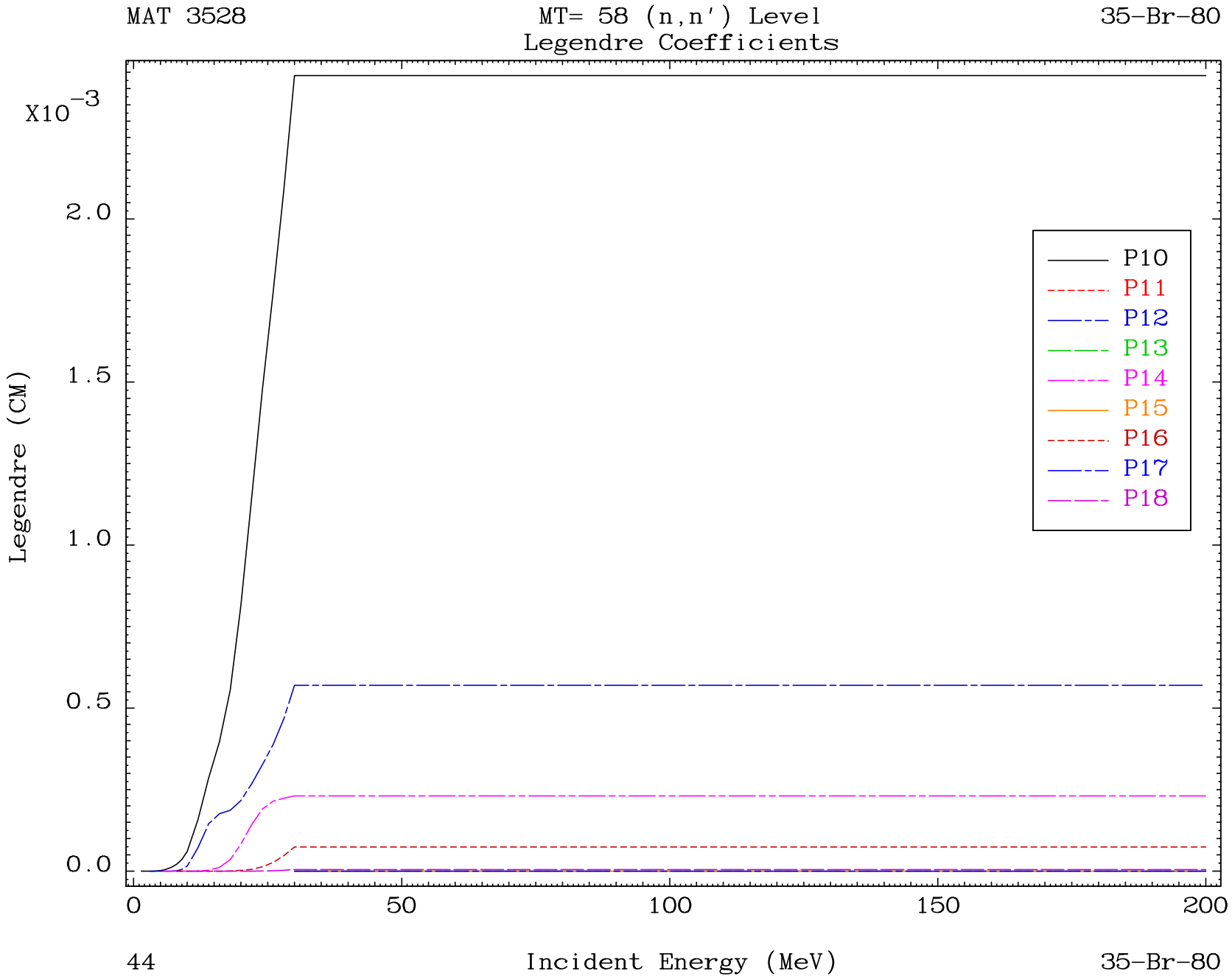

MAT 3528
MT= 56 (n,n') Level
Legendre Coefficients
35-Br-80
X10^-7
4
3
2
1
0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
50
100
150
200
39
Incident Energy (MeV)
35-Br-80

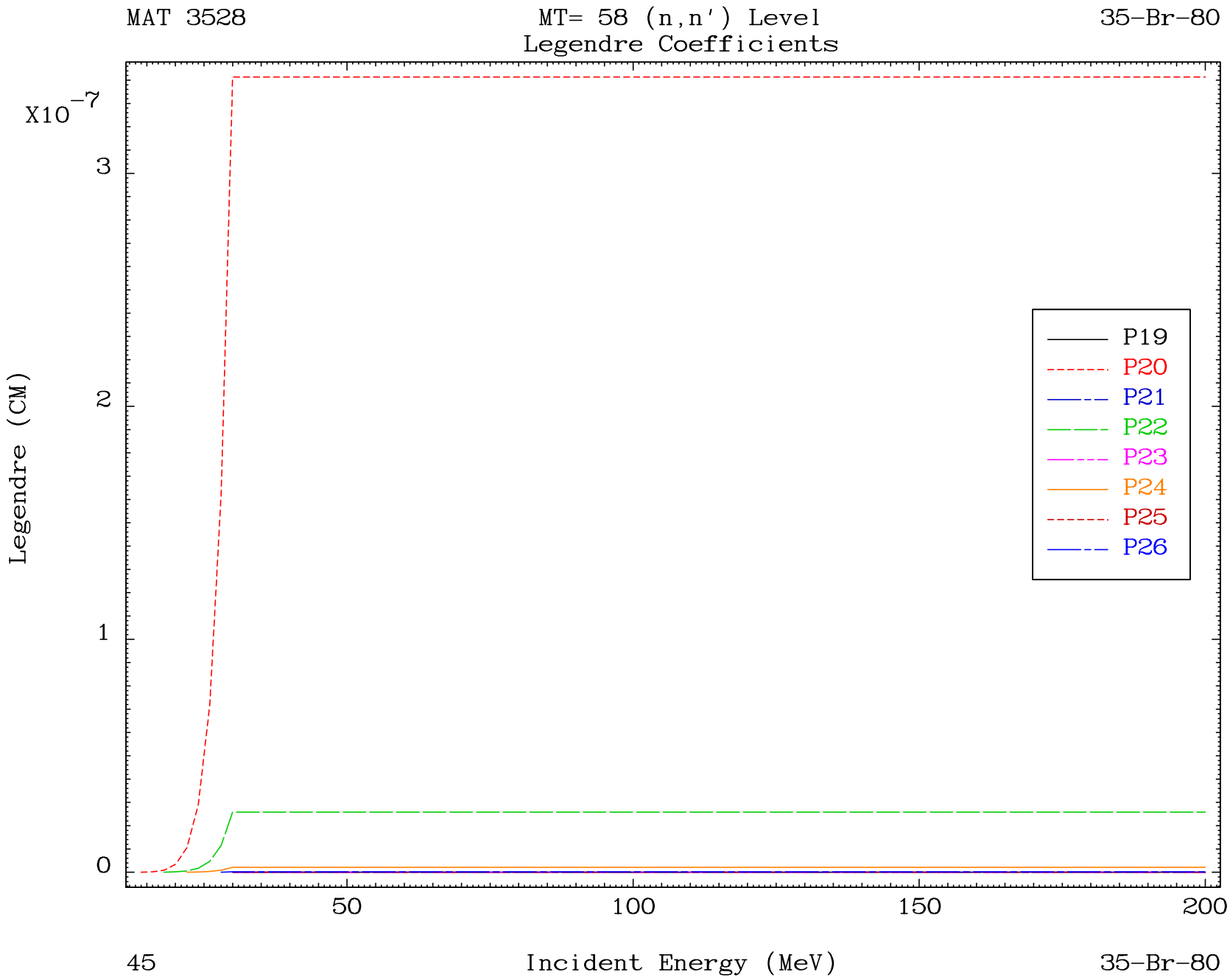

MAT 3528
MT= 57 (n,n') Level
Legendre Coefficients
35-Br-80
0.06
0.04
0.02
0.00
-0.02
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
0
50
100
150
200
40
Incident Energy (MeV)
35-Br-80

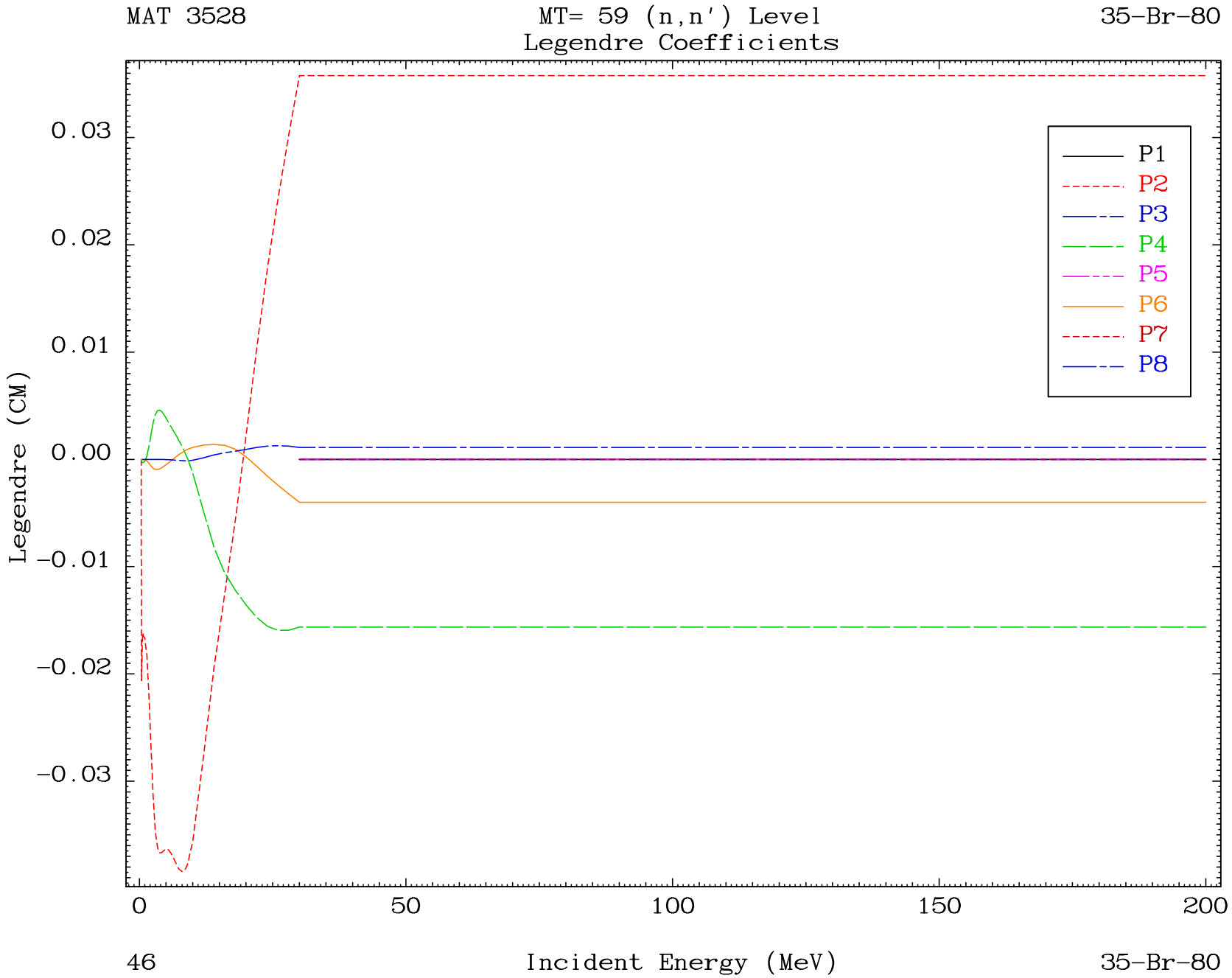

MAT 3528
MT= 57 (n,n') Level
Legendre Coefficients
35-Br-80
X10^-4
3
2
1
0
Legendre (CM)
P9
P10
P11
P12
P13
P14
P15
P16
0
50
100
150
200
41
Incident Energy (MeV)
35-Br-80

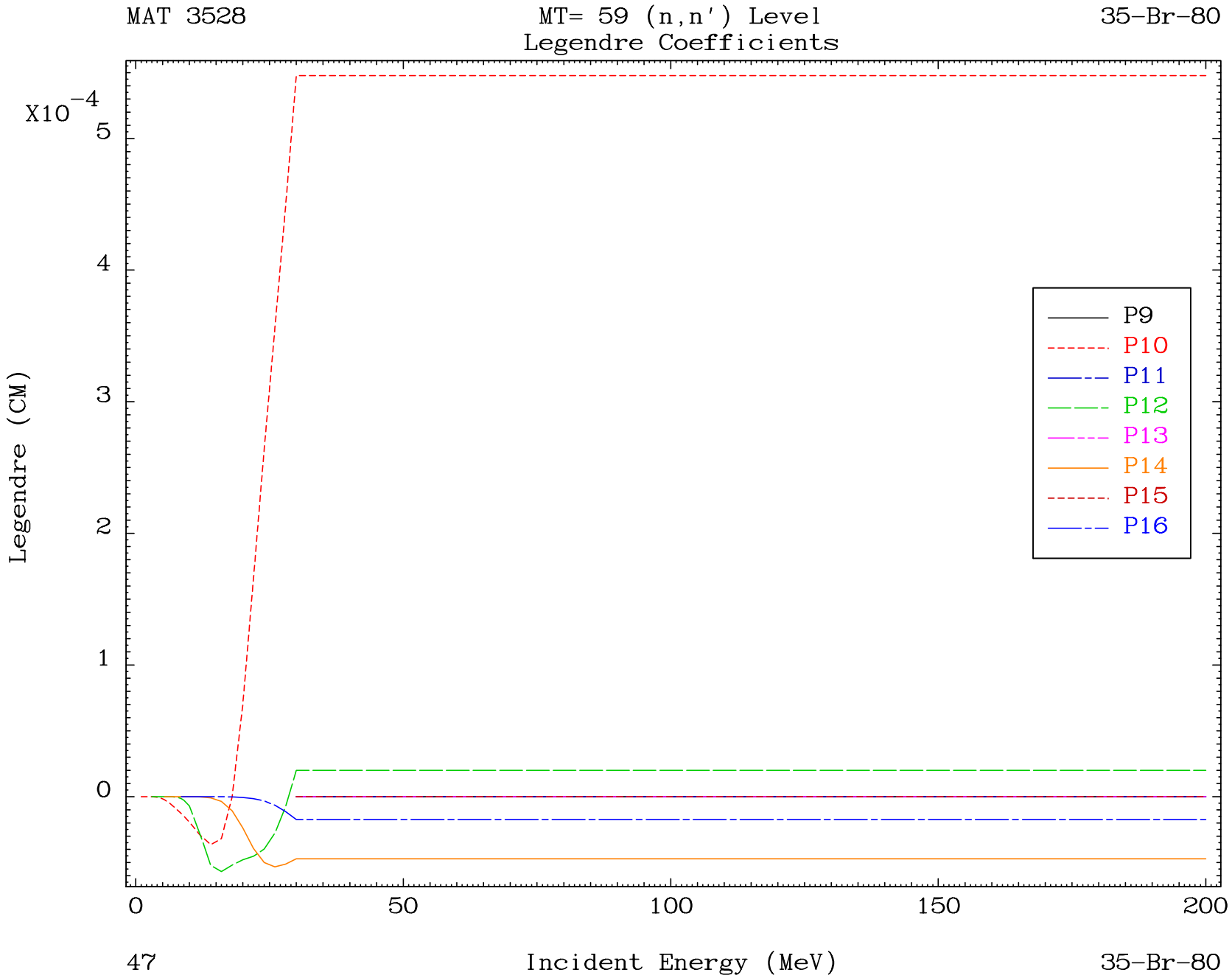

MAT 3528
MT= 57 (n,n') Level
Legendre Coefficients
35-Br-80
X10-7
8
6
4
2
0
Legendre (CM)
50
100
150
200
P17
P18
P19
P20
P21
P22
P23
P24
42
Incident Energy (MeV)
35-Br-80

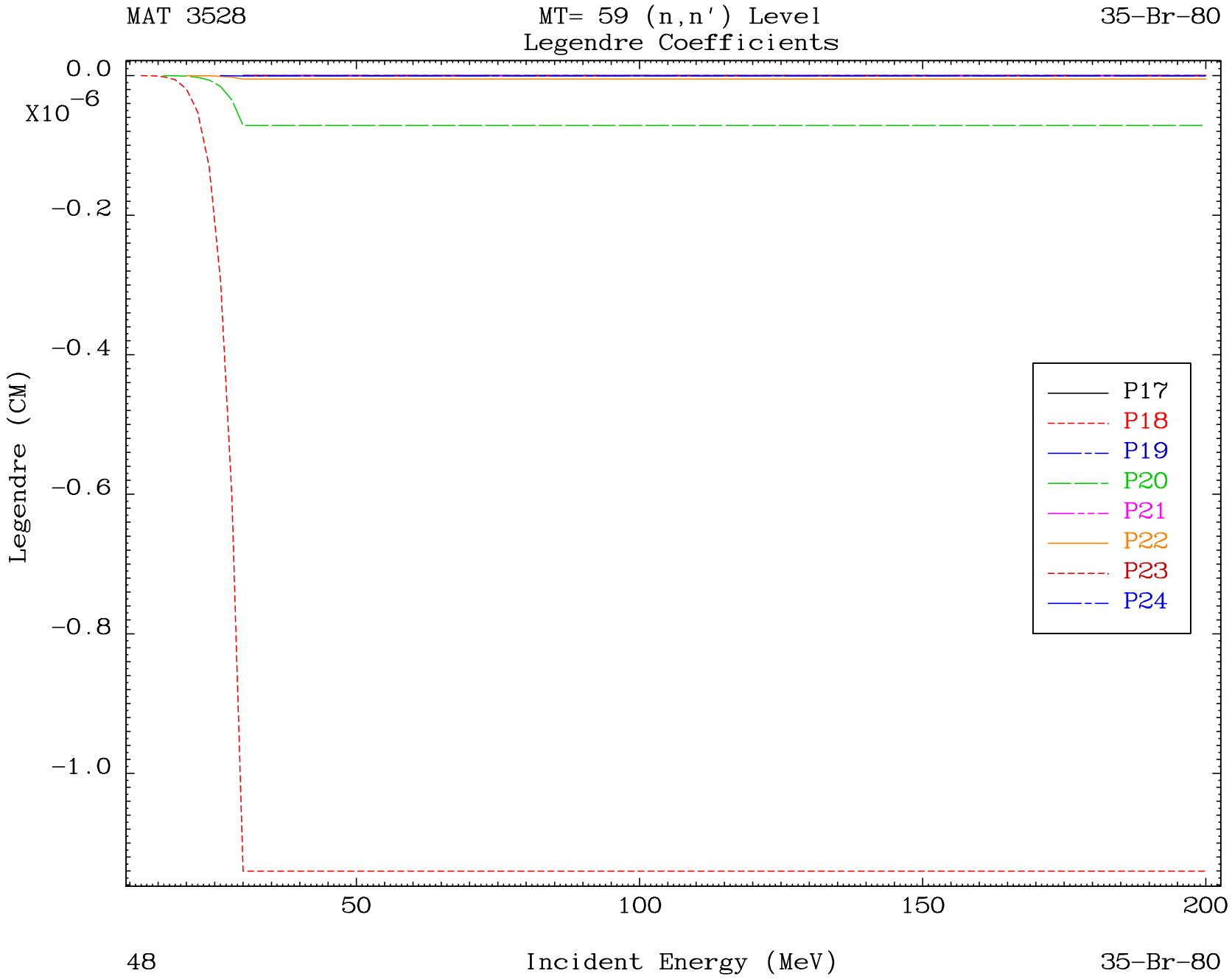

MAT 3528
MT= 58 (n,n') Level
Legendre Coefficients
35-Br-80
Legendre (CM)
0.15
0.10
0.05
0.00
0
50
100
150
200
P1
P2
P3
P4
P5
P6
P7
P8
P9
43
Incident Energy (MeV)
35-Br-80

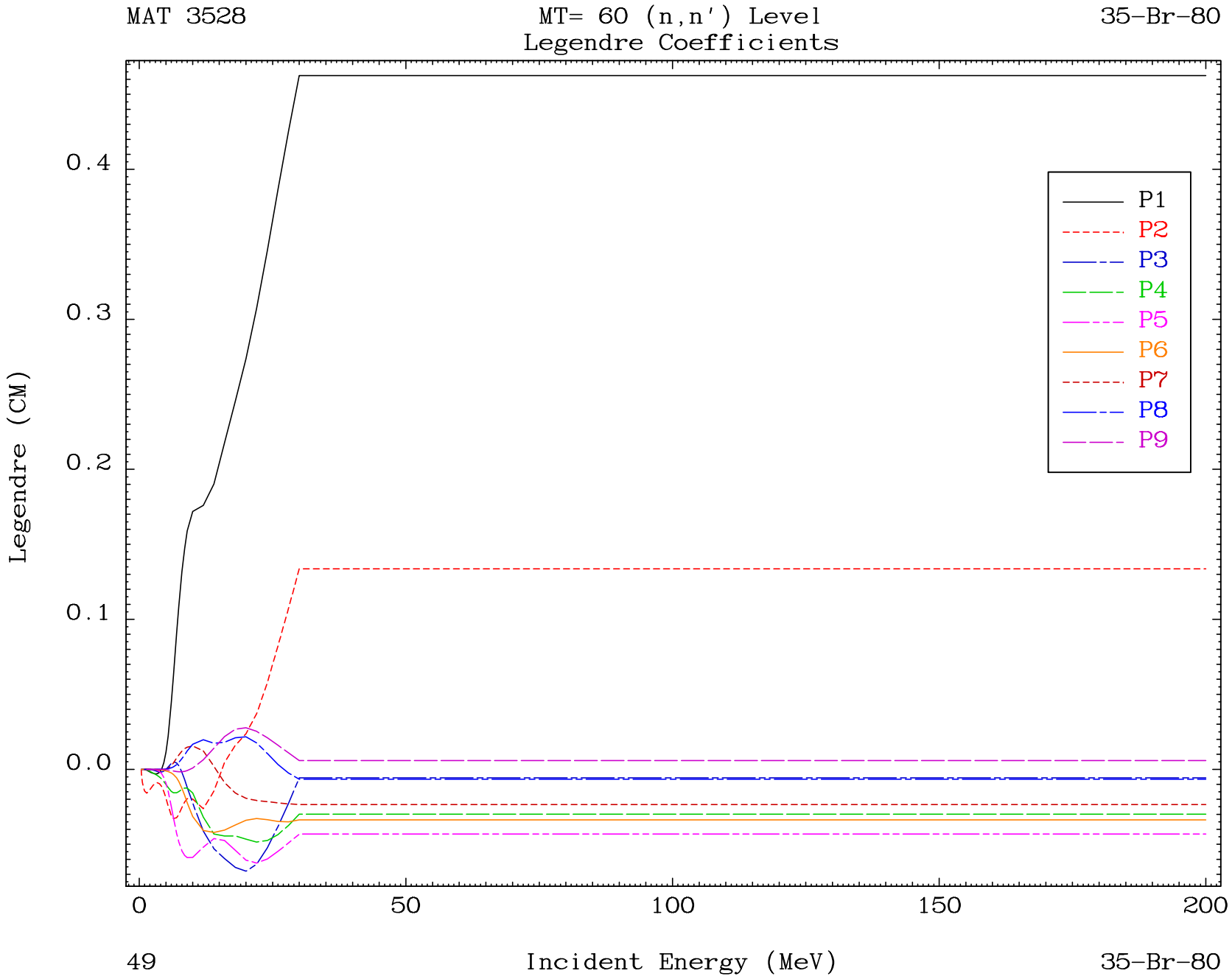

MAT 3528
MT= 58 (n,n') Level
Legendre Coefficients
35-Br-80
X10^-3
2.0
1.5
1.0
0.5
0.0
Legendre (CM)
P10
P11
P12
P13
P14
P15
P16
P17
P18
0
50
100
150
200
44
Incident Energy (MeV)
35-Br-80

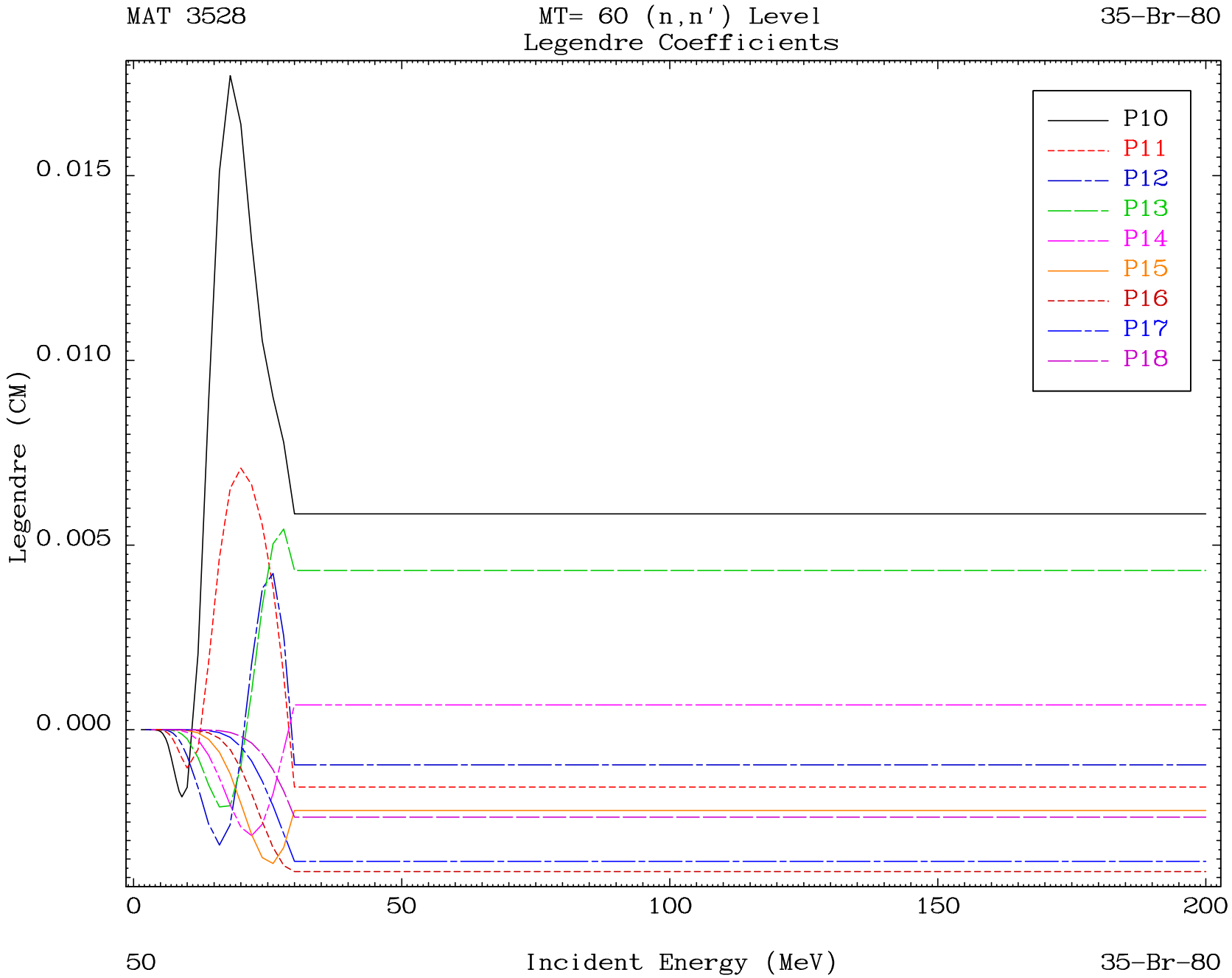

MAT 3528
MT= 58 (n,n') Level
Legendre Coefficients
35-Br-80
X10-7
3
2
1
0
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
50
100
150
200
45
Incident Energy (MeV)
35-Br-80

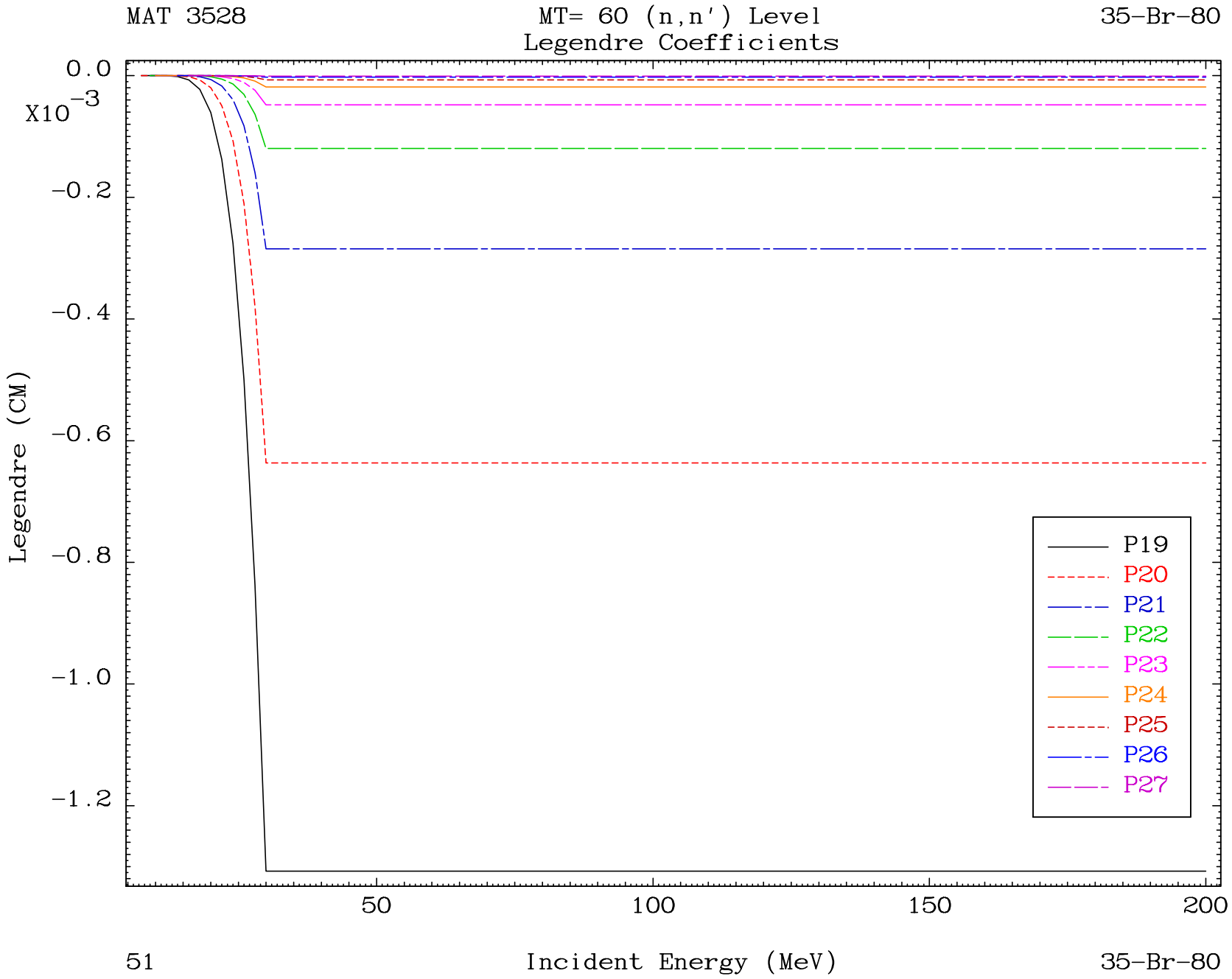

MAT 3528
MT= 59 (n,n') Level
Legendre Coefficients
35-Br-80
0.03
0.02
0.01
0.00
-0.01
-0.02
-0.03
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
0
50
100
150
200
46
Incident Energy (MeV)
35-Br-80

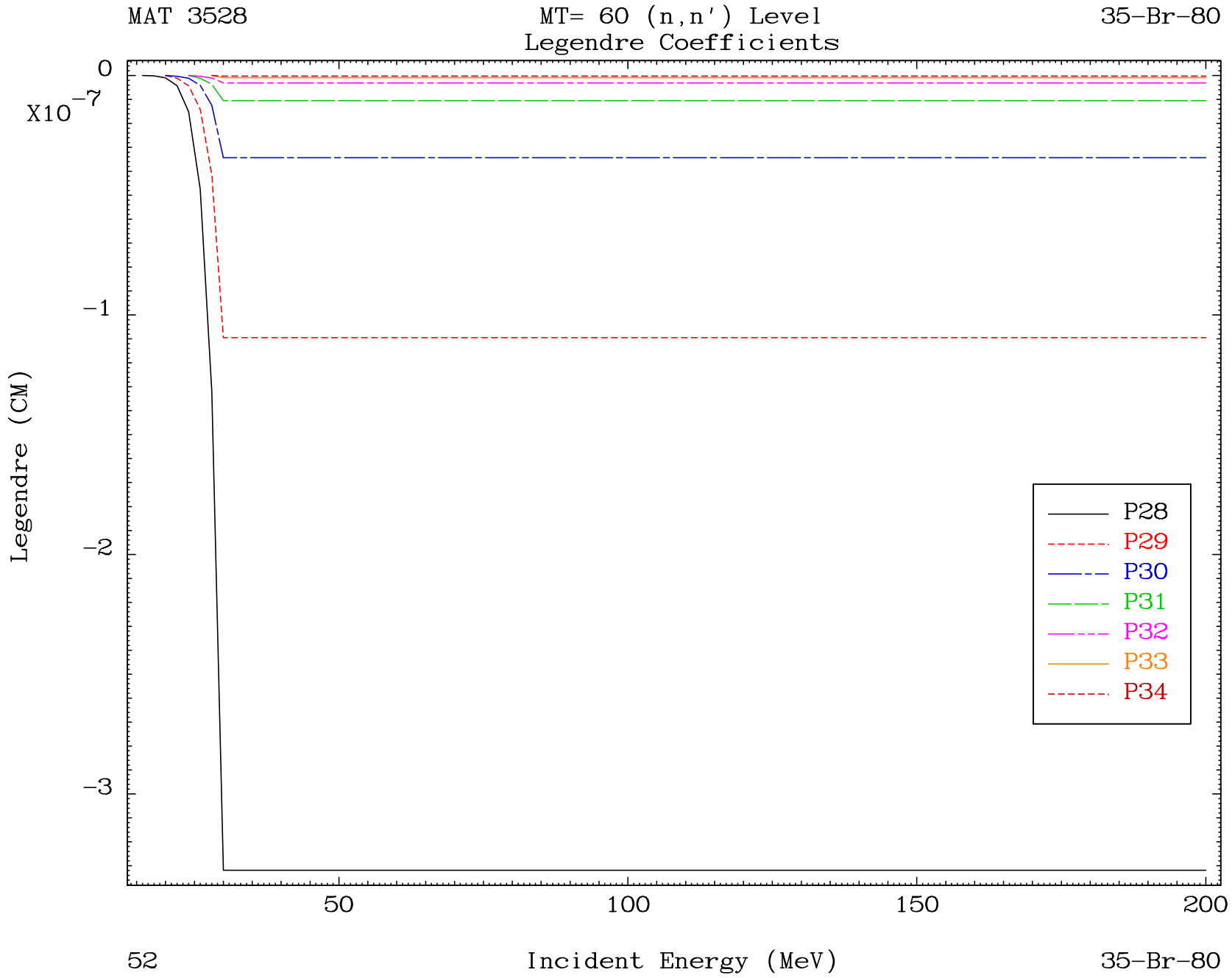

MAT 3528
MT= 59 (n,n') Level
Legendre Coefficients
35-Br-80
X10^-4
5
4
3
2
1
0
Legendre (CM)
P9
P10
P11
P12
P13
P14
P15
P16
0
50
100
150
200
47
Incident Energy (MeV)
35-Br-80

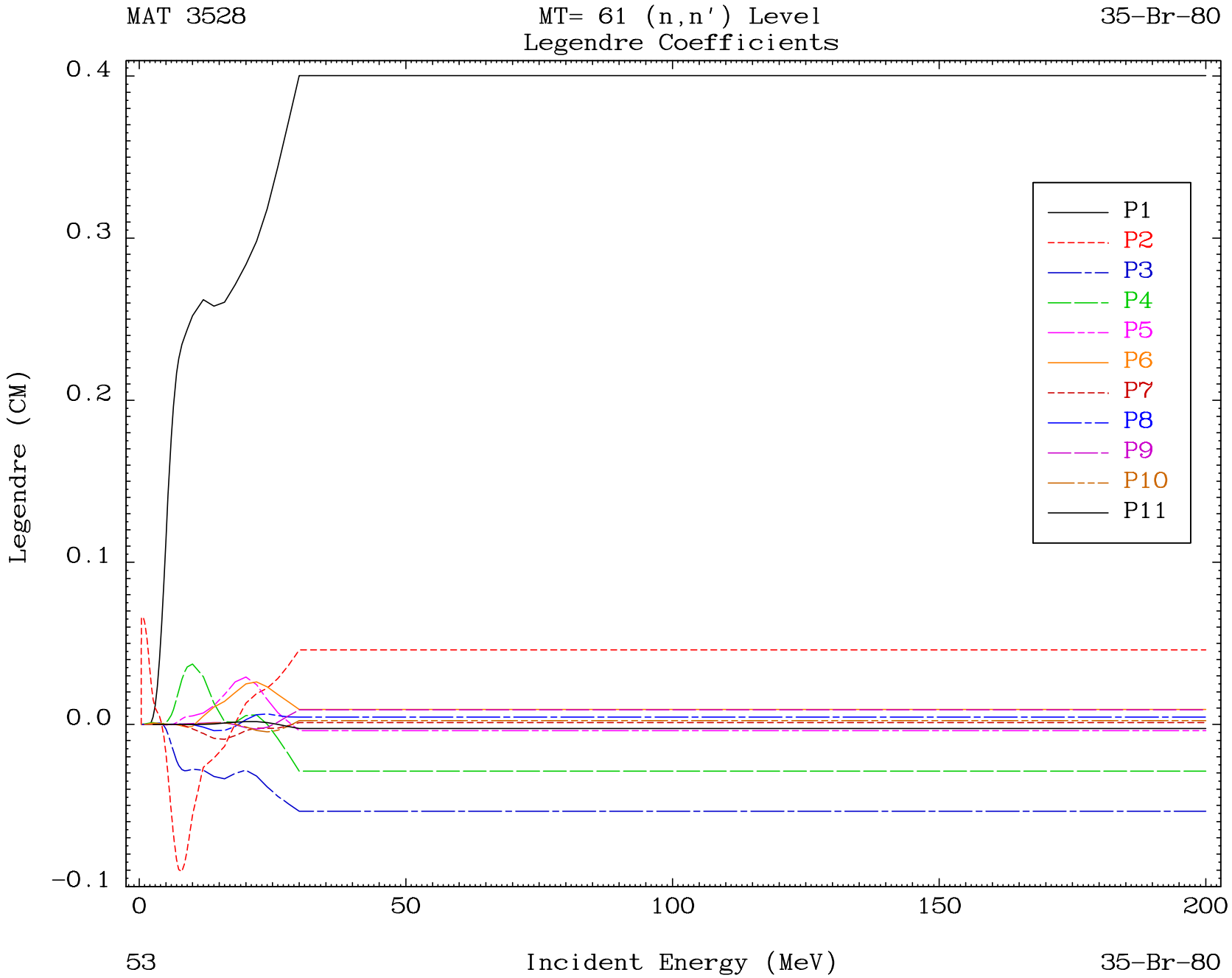

MAT 3528
MT= 59 (n,n') Level
Legendre Coefficients
35-Br-80
0.0
X10^-6
-0.2
-0.4
-0.6
-0.8
-1.0
Legendre (CM)
50
100
150
200
P17
P18
P19
P20
P21
P22
P23
P24
48
Incident Energy (MeV)
35-Br-80

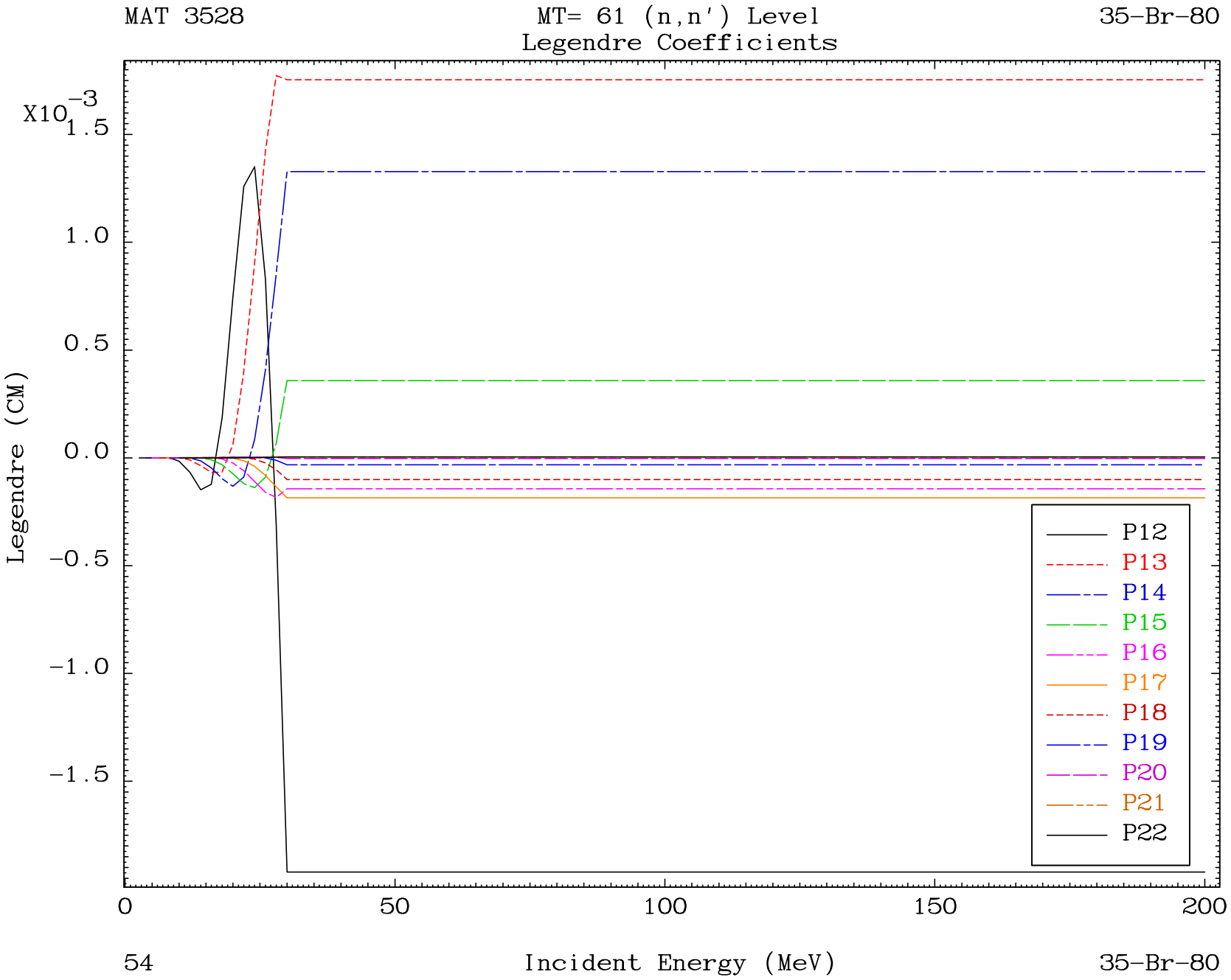

MAT 3528
MT= 60 (n,n') Level
Legendre Coefficients
35-Br-80
Legendre (CM)
0.4
0.3
0.2
0.1
0.0
0
50
100
150
200
P1
P2
P3
P4
P5
P6
P7
P8
P9
49
Incident Energy (MeV)
35-Br-80

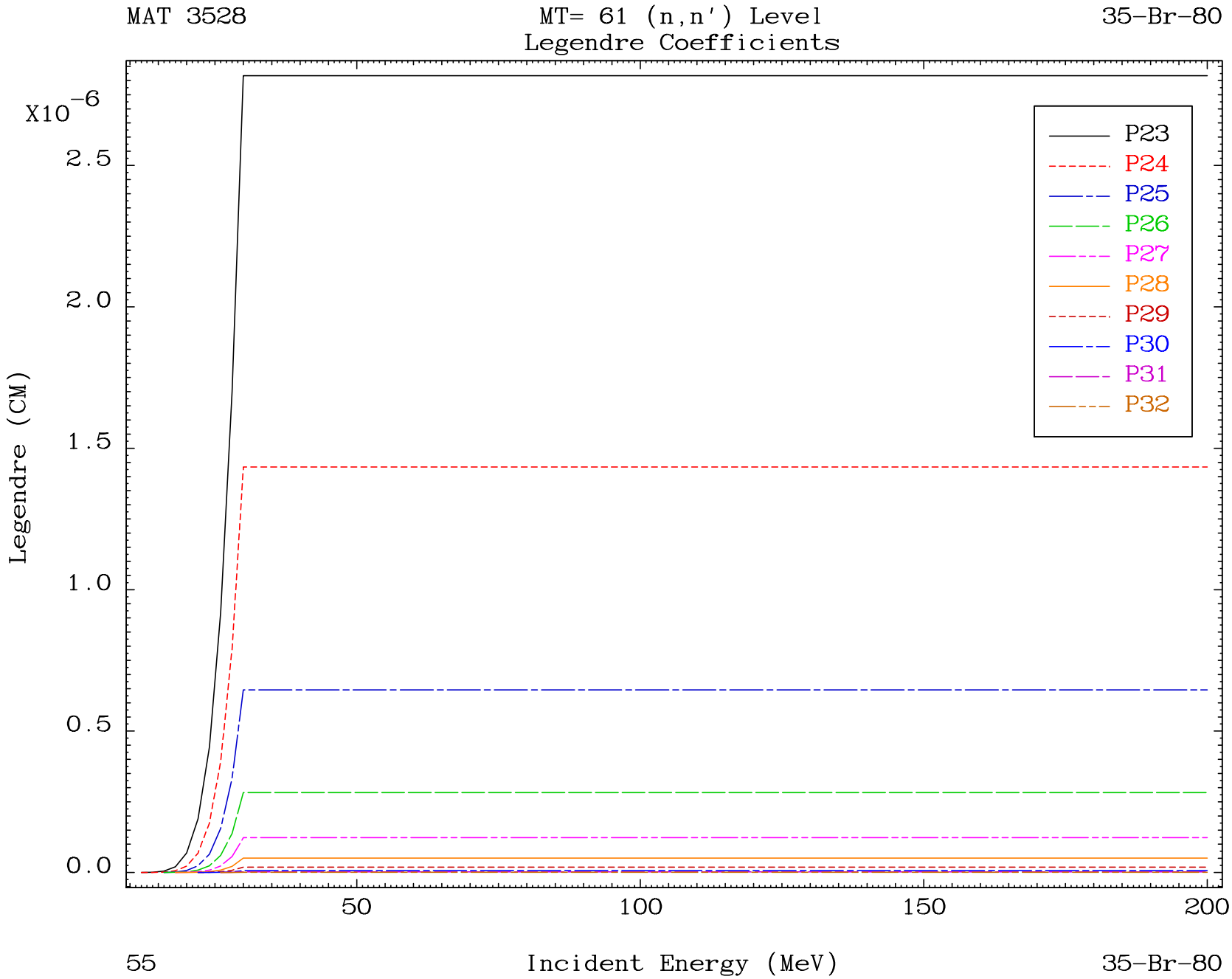

MAT 3528
MT= 60 (n,n') Level
Legendre Coefficients
35-Br-80
P10
P11
P12
P13
P14
P15
P16
P17
P18
0.015
0.010
0.005
0.000
Legendre (CM)
0
50
100
150
200
50
Incident Energy (MeV)
35-Br-80

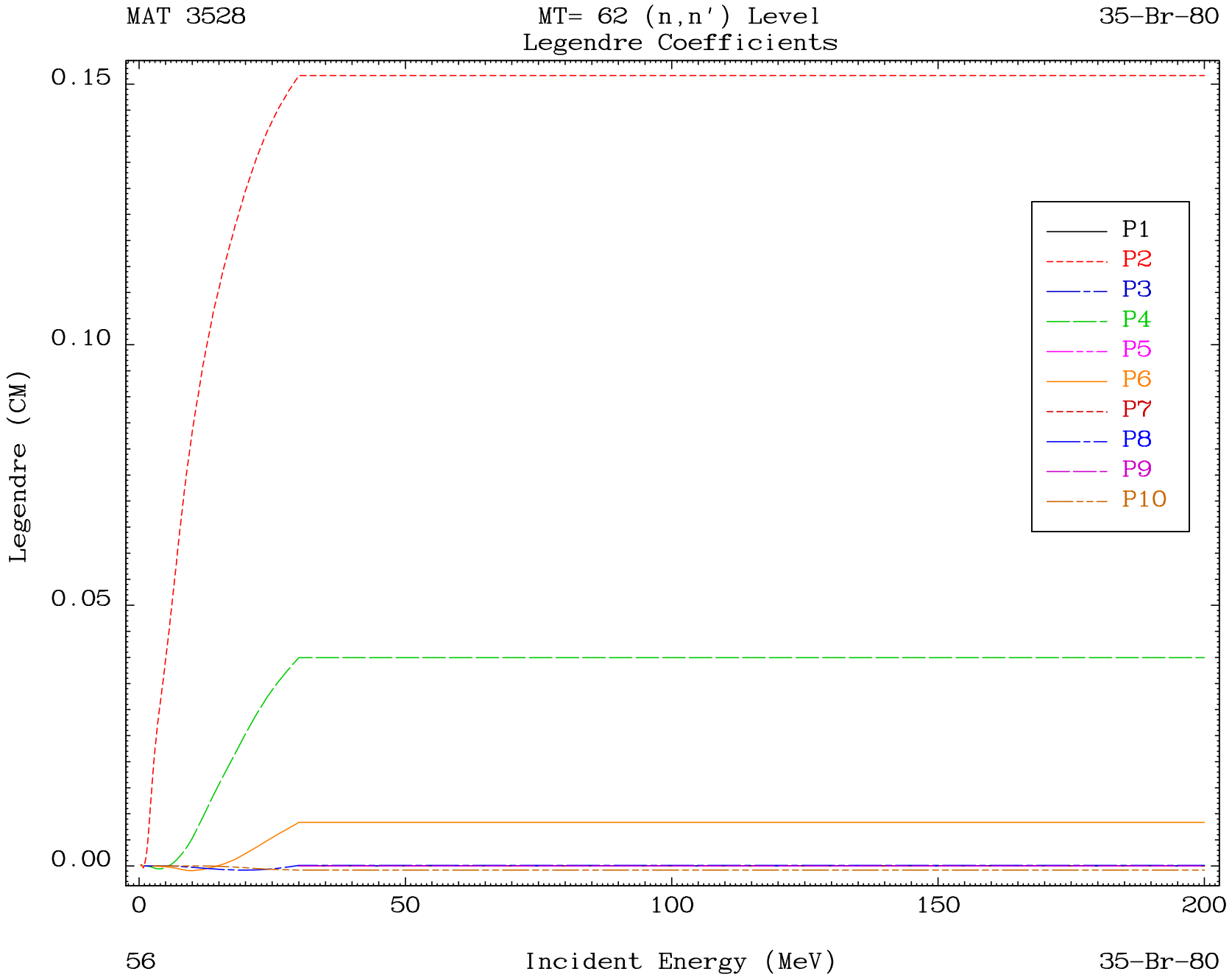

MAT 3528
MT= 60 (n,n') Level
Legendre Coefficients
35-Br-80
0.0
X10-3
-0.2
-0.4
-0.6
-0.8
-1.0
-1.2
Legendre (CM)
50
100
150
200
51
Incident Energy (MeV)
35-Br-80
P19
P20
P21
P22
P23
P24
P25
P26
P27

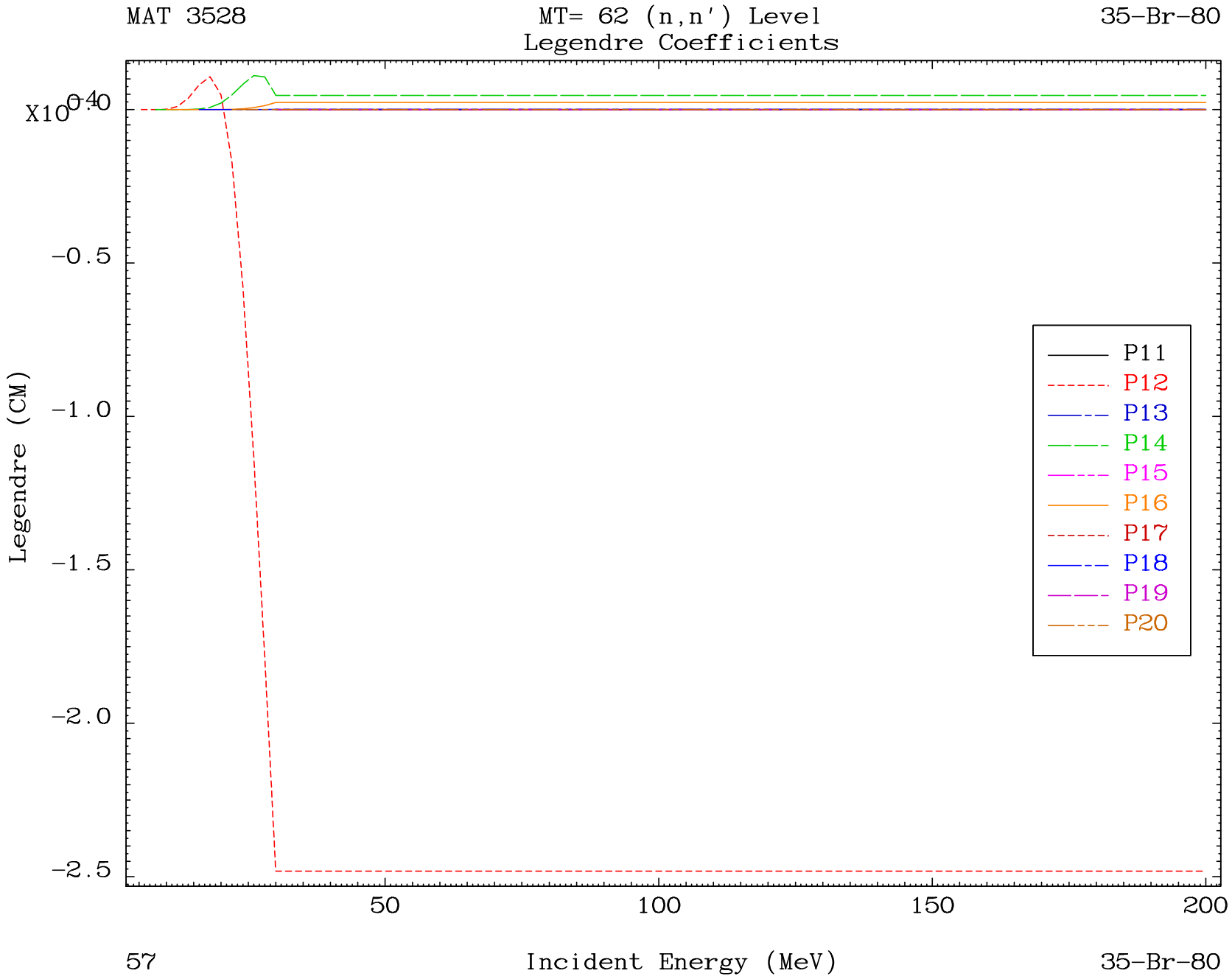

MAT 3528
MT= 60 (n,n') Level
Legendre Coefficients
35-Br-80
0
X10-7
-1
-2
-3
Legendre (CM)
50
100
150
200
52
Incident Energy (MeV)
35-Br-80
P28
P29
P30
P31
P32
P33
P34

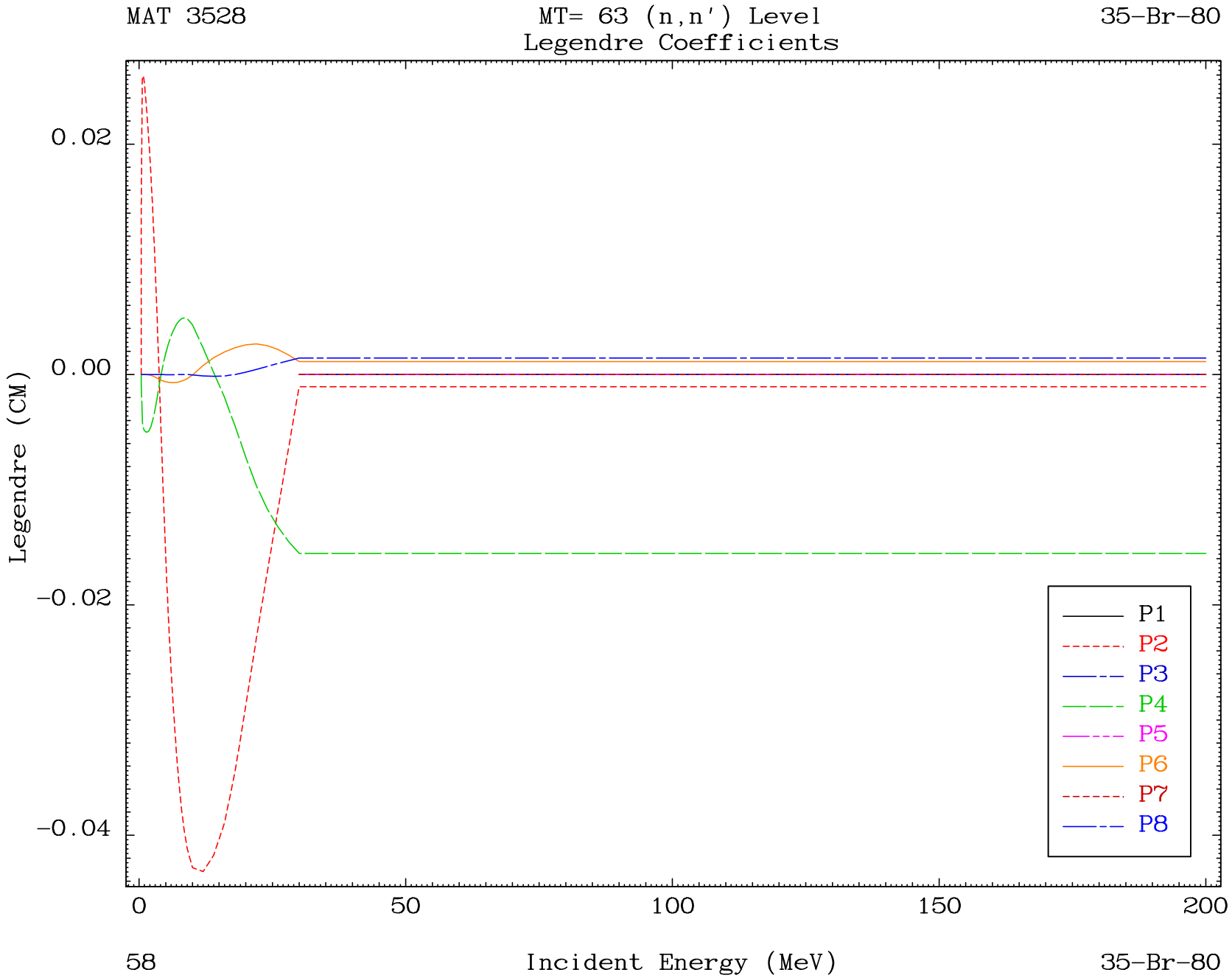

MAT 3528
MT= 61 (n,n') Level
Legendre Coefficients
35-Br-80
0.4
0.3
0.2
0.1
0.0
-0.1
Legendre (CM)
0
50
100
150
200
Incident Energy (MeV)
53
35-Br-80
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10
P11

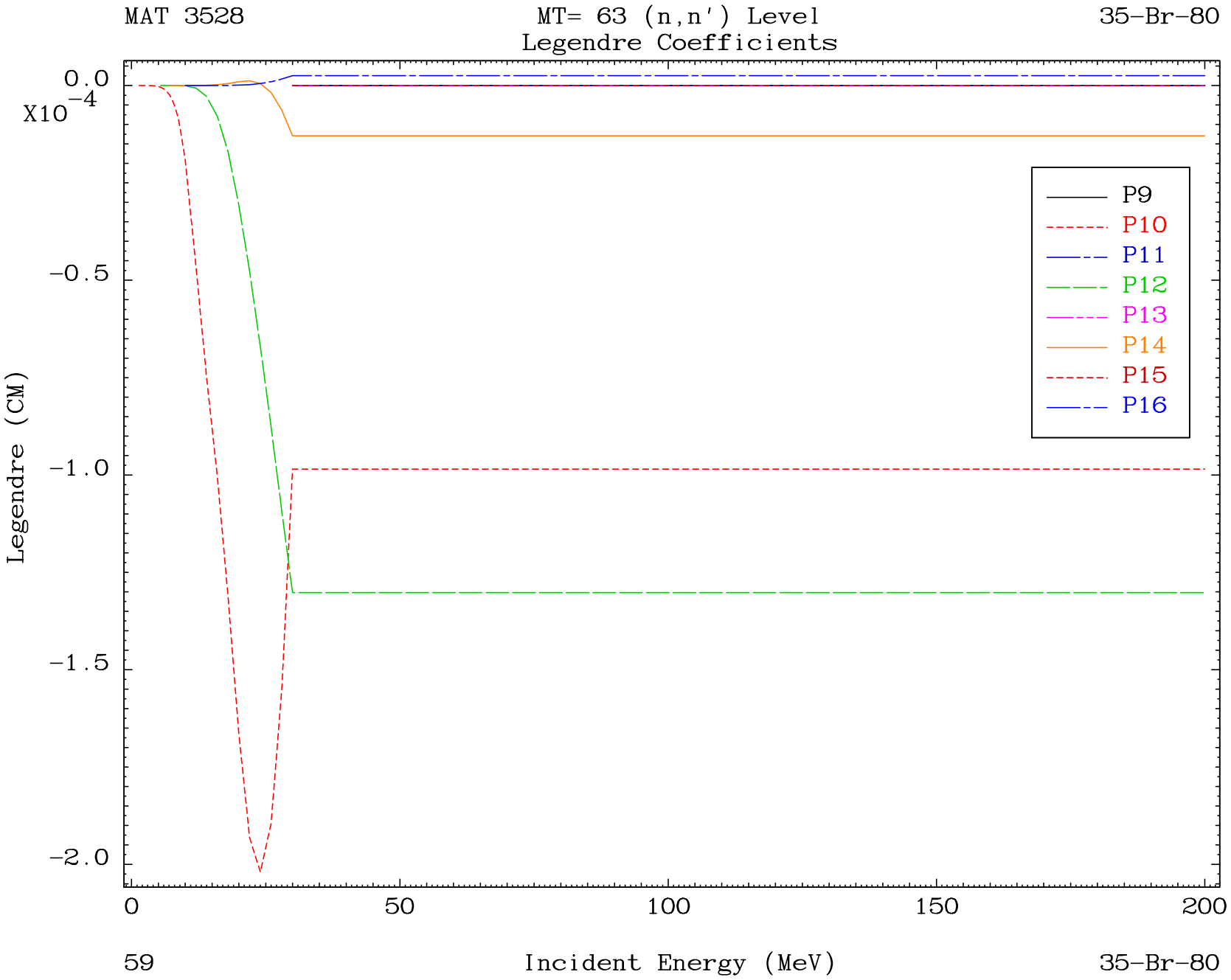

MAT 3528
MT= 61 (n,n') Level
Legendre Coefficients
35-Br-80
X10-3
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
Legendre (CM)
0
50
100
150
200
54
Incident Energy (MeV)
35-Br-80
P12
P13
P14
P15
P16
P17
P18
P19
P20
P21
P22

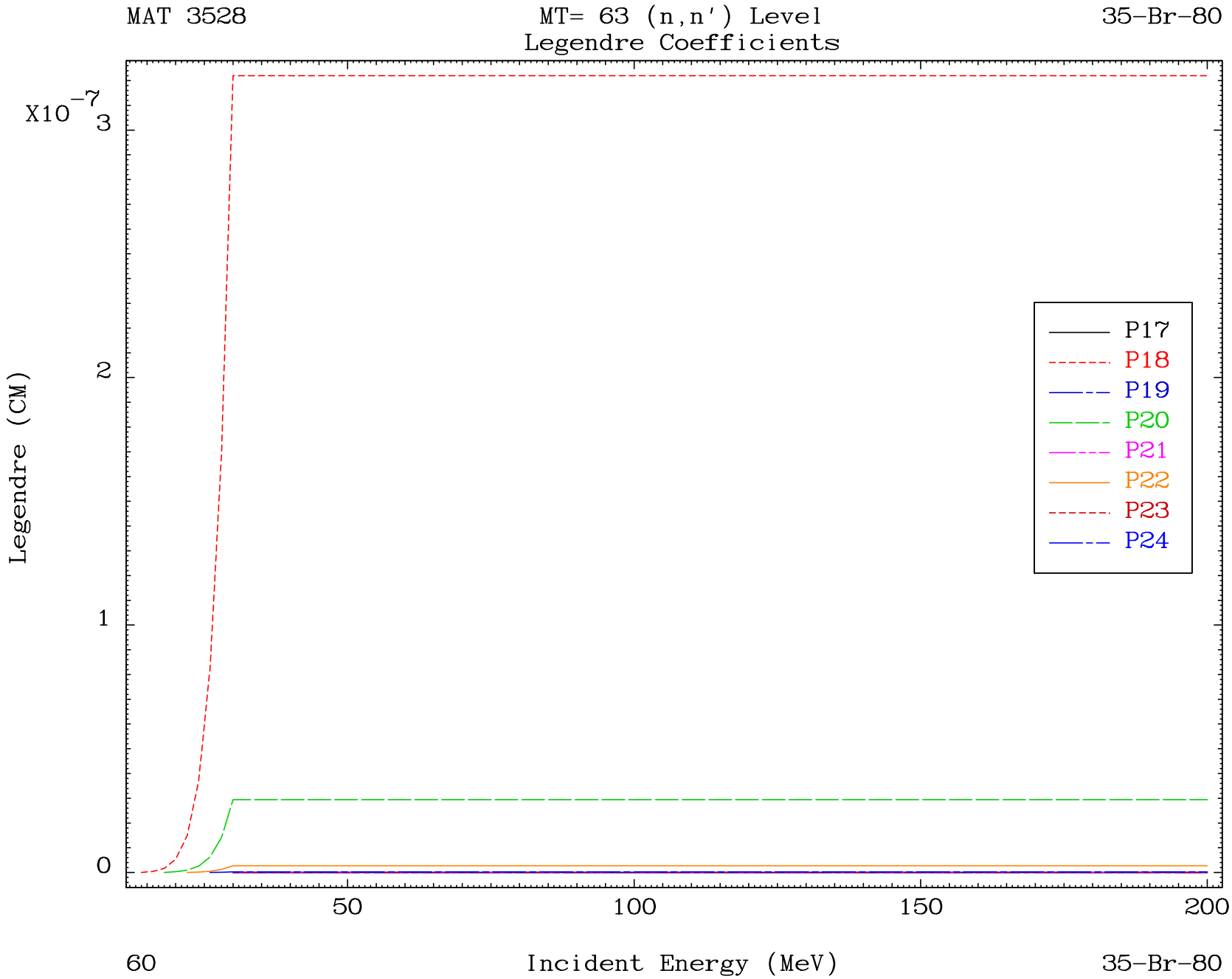

MAT 3528
MT= 61 (n,n') Level
Legendre Coefficients
35-Br-80
X10^-6
2.5
2.0
1.5
1.0
0.5
0.0
Legendre (CM)
P23
P24
P25
P26
P27
P28
P29
P30
P31
P32
50
100
150
200
55
Incident Energy (MeV)
35-Br-80

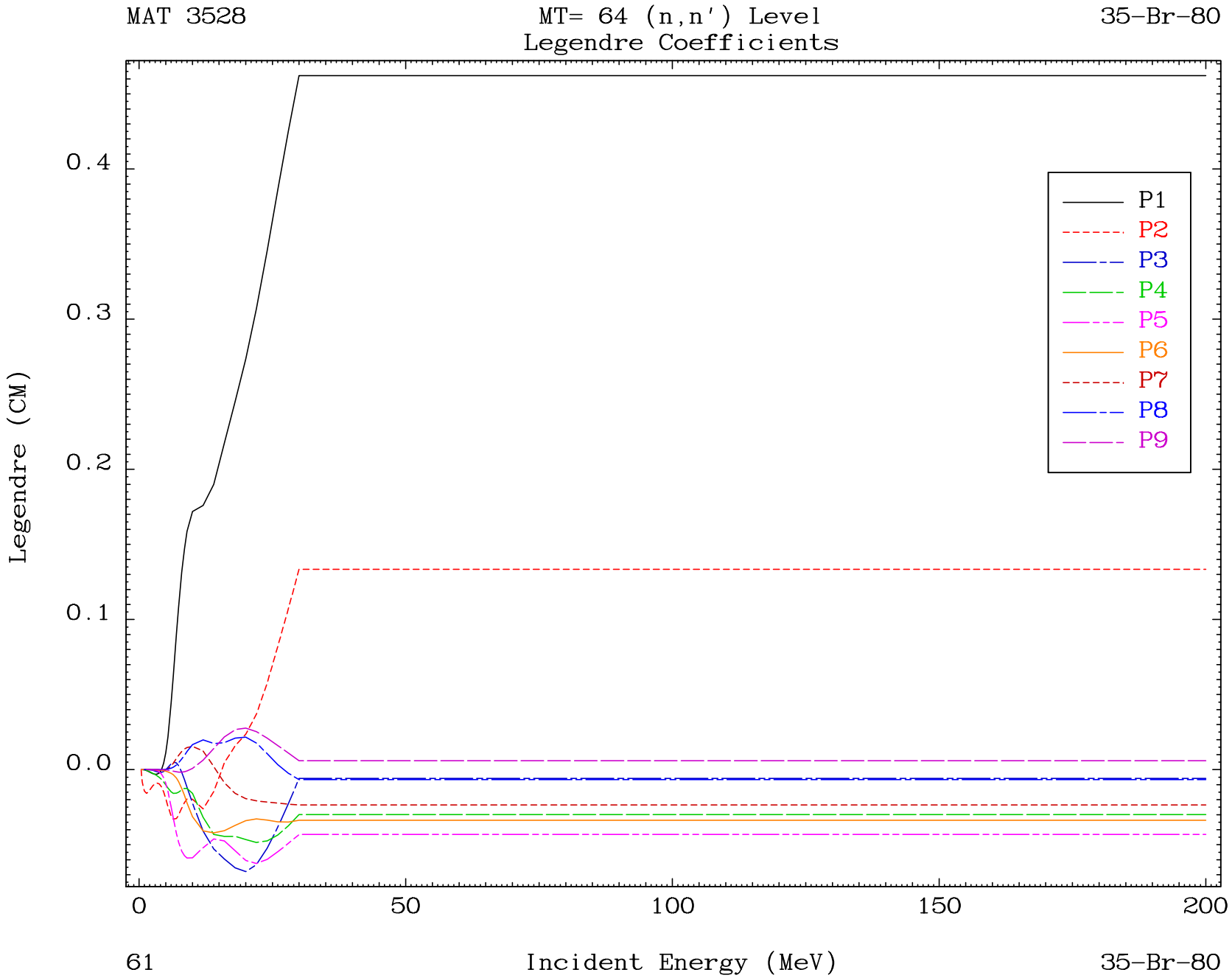

MAT 3528
MT= 62 (n,n') Level
Legendre Coefficients
35-Br-80
0.15
0.10
0.05
0.00
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10
0
50
100
150
200
56
Incident Energy (MeV)
35-Br-80

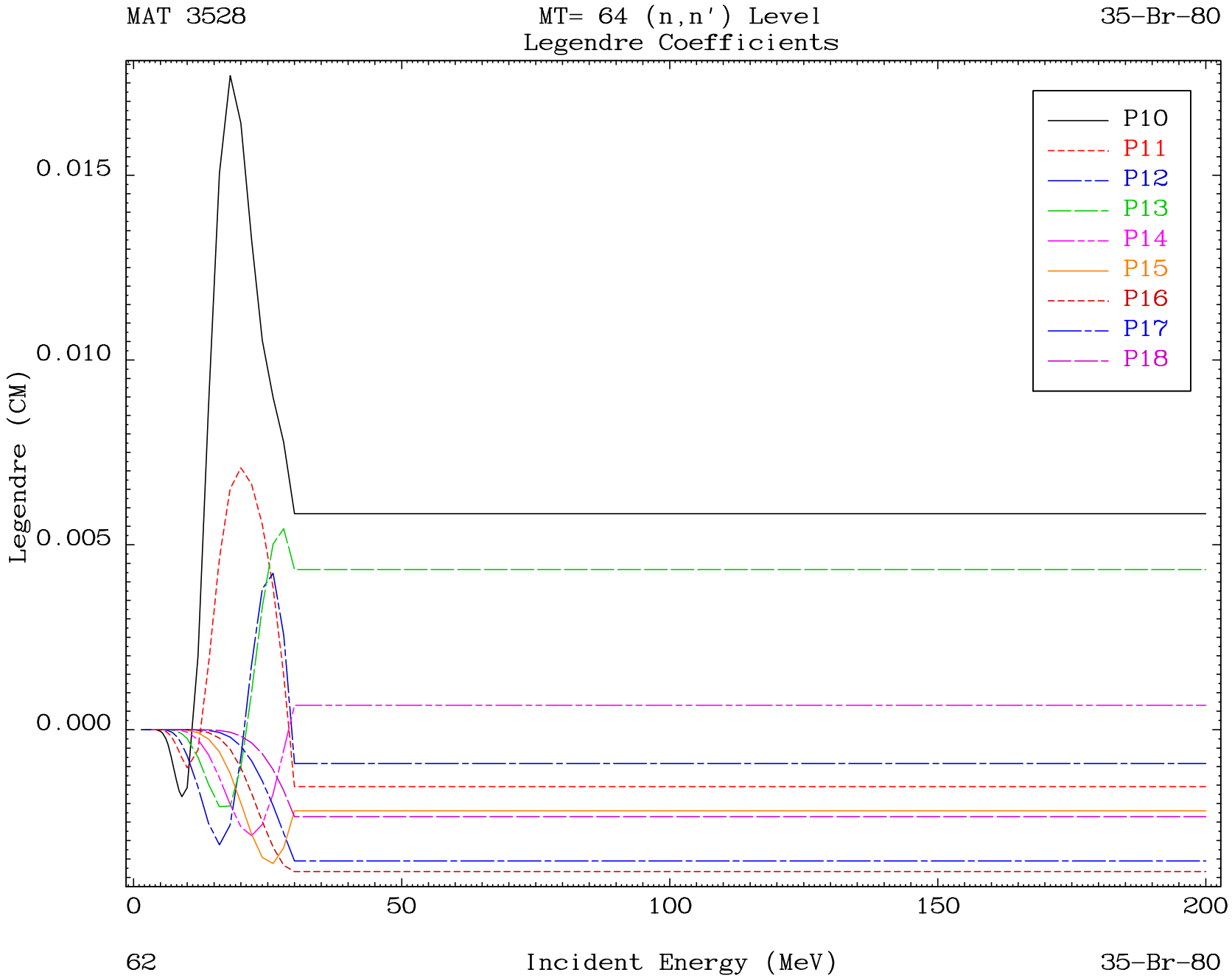

MAT 3528
MT= 62 (n,n') Level
Legendre Coefficients
35-Br-80
X10^-0.40
-0.5
-1.0
-1.5
-2.0
-2.5
Legendre (CM)
50
100
150
200
57
Incident Energy (MeV)
35-Br-80
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20

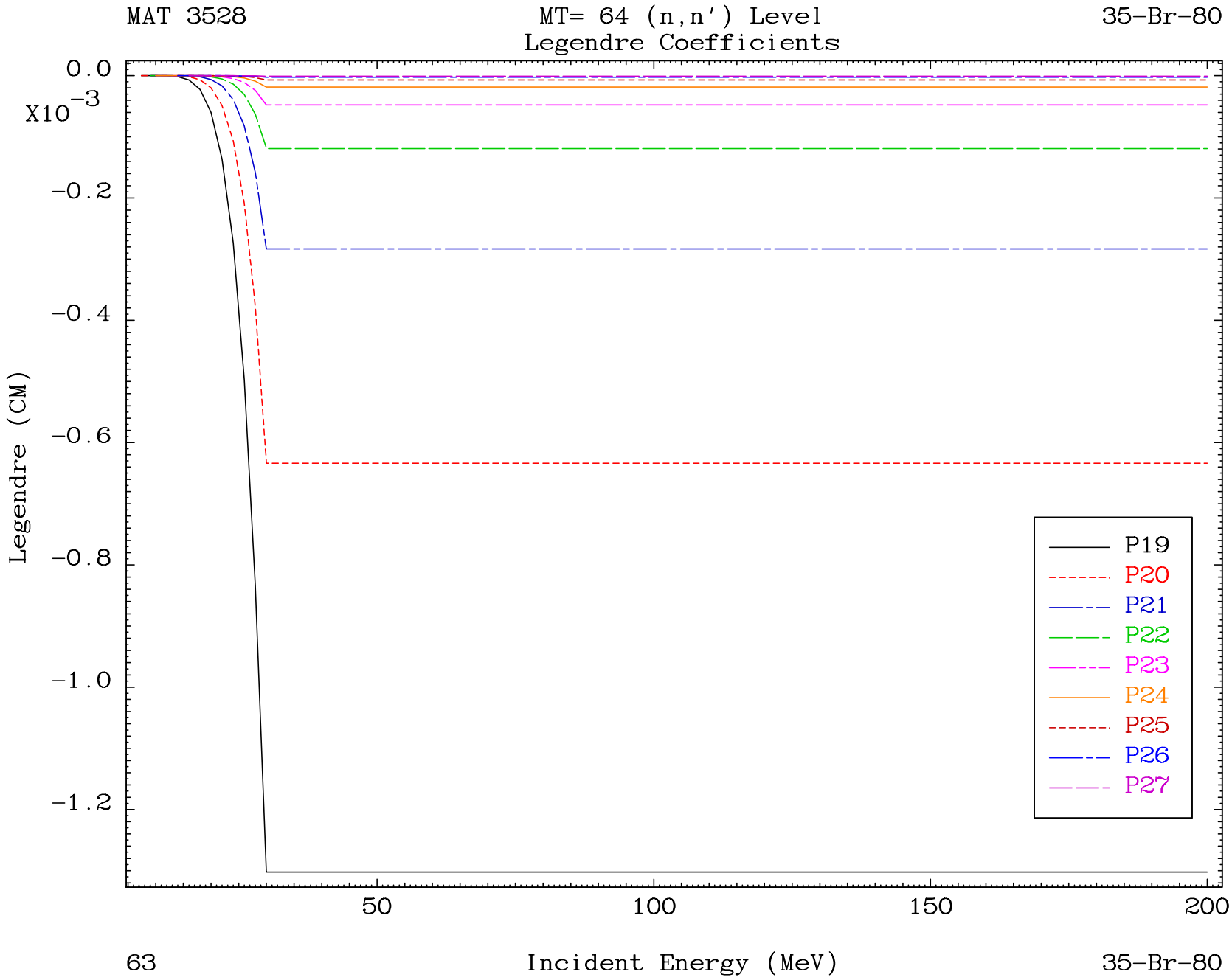

MAT 3528
MT= 63 (n,n') Level
Legendre Coefficients
35-Br-80
0.02
0.00
-0.02
-0.04
Legendre (CM)
0
50
100
150
200
58
Incident Energy (MeV)
35-Br-80
P1
P2
P3
P4
P5
P6
P7
P8

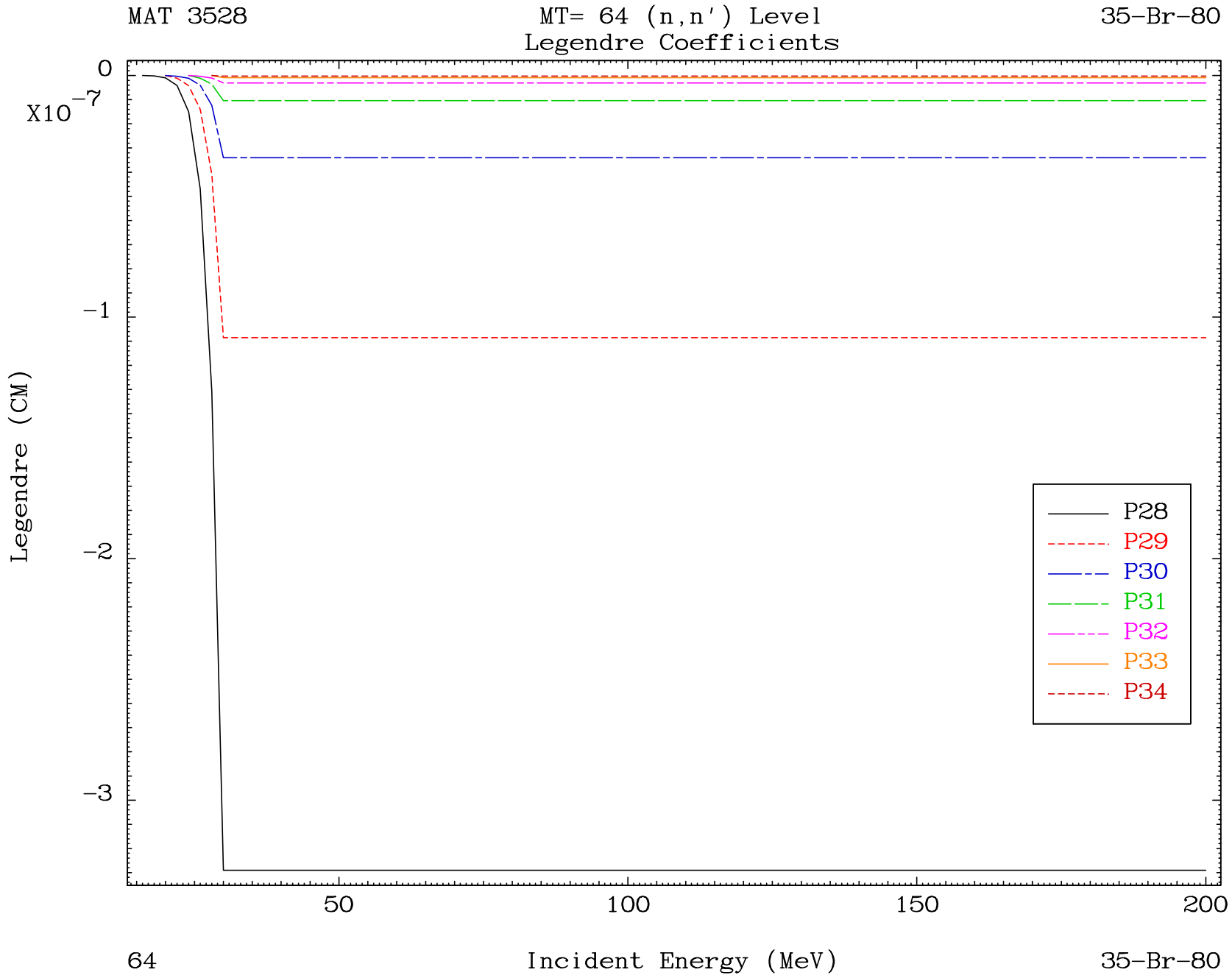

MAT 3528
MT= 63 (n,n') Level
Legendre Coefficients
35-Br-80
0.0
X10^-4
-0.5
-1.0
-1.5
-2.0
Legendre (CM)
P9
P10
P11
P12
P13
P14
P15
P16
0
50
100
150
200
59
Incident Energy (MeV)
35-Br-80

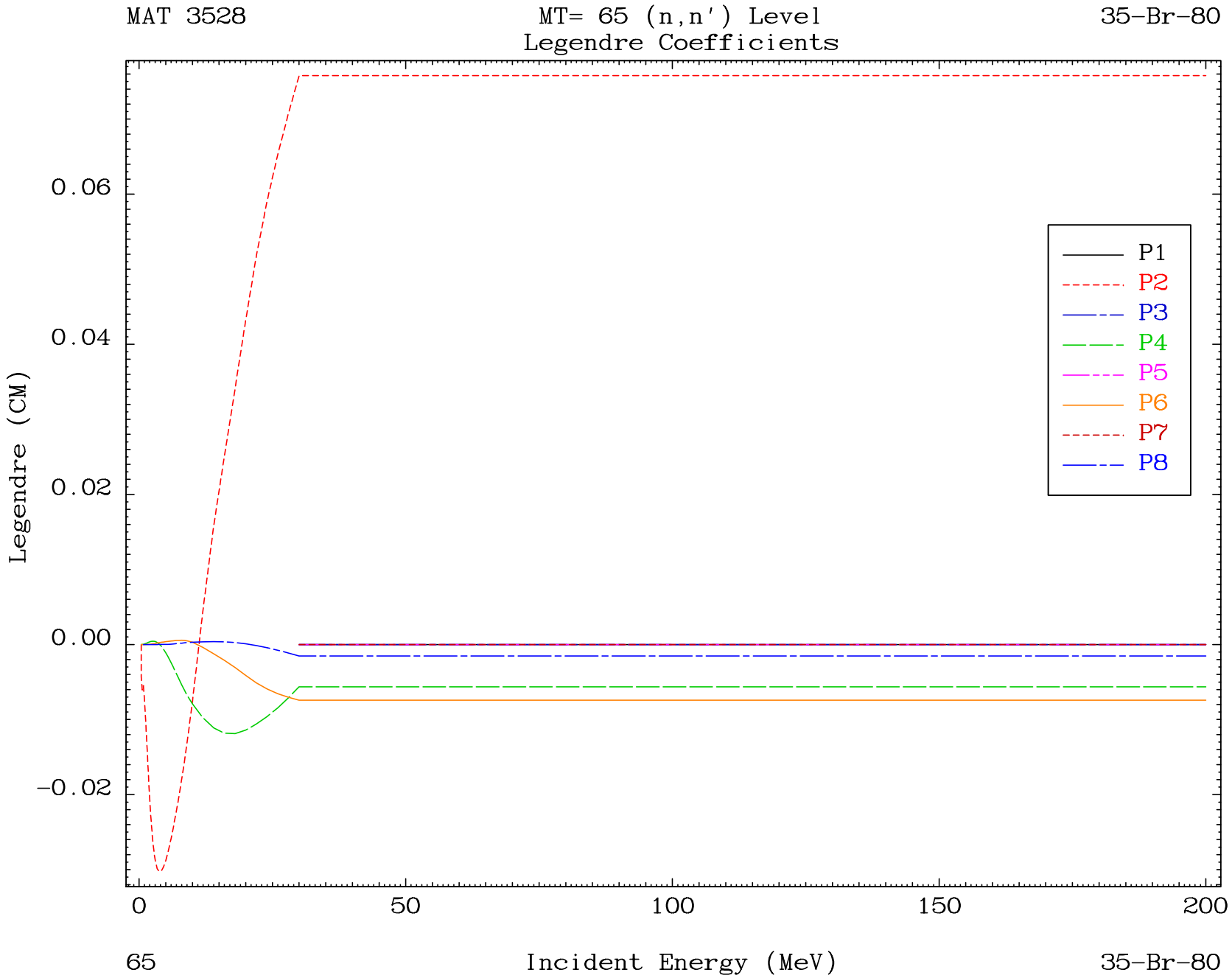

MAT 3528
MT= 63 (n,n') Level
Legendre Coefficients
35-Br-80
X10^-7
3
2
1
0
Legendre (CM)
P17
P18
P19
P20
P21
P22
P23
P24
50
100
150
200
60
Incident Energy (MeV)
35-Br-80

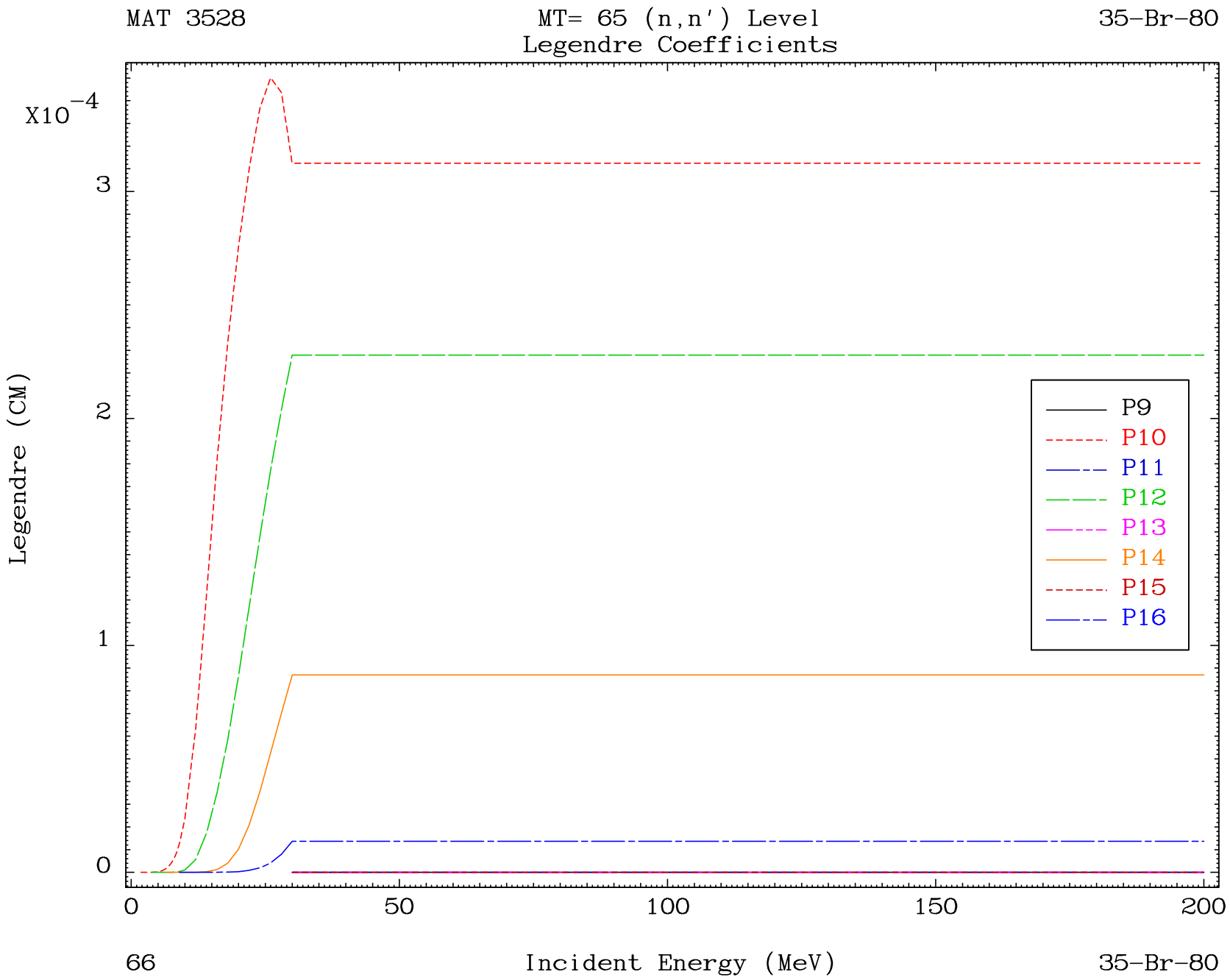

MAT 3528
MT= 64 (n,n') Level
Legendre Coefficients
35-Br-80
Legendre (CM)
0.4
0.3
0.2
0.1
0.0
0
50
100
150
200
61
Incident Energy (MeV)
35-Br-80
P1
P2
P3
P4
P5
P6
P7
P8
P9

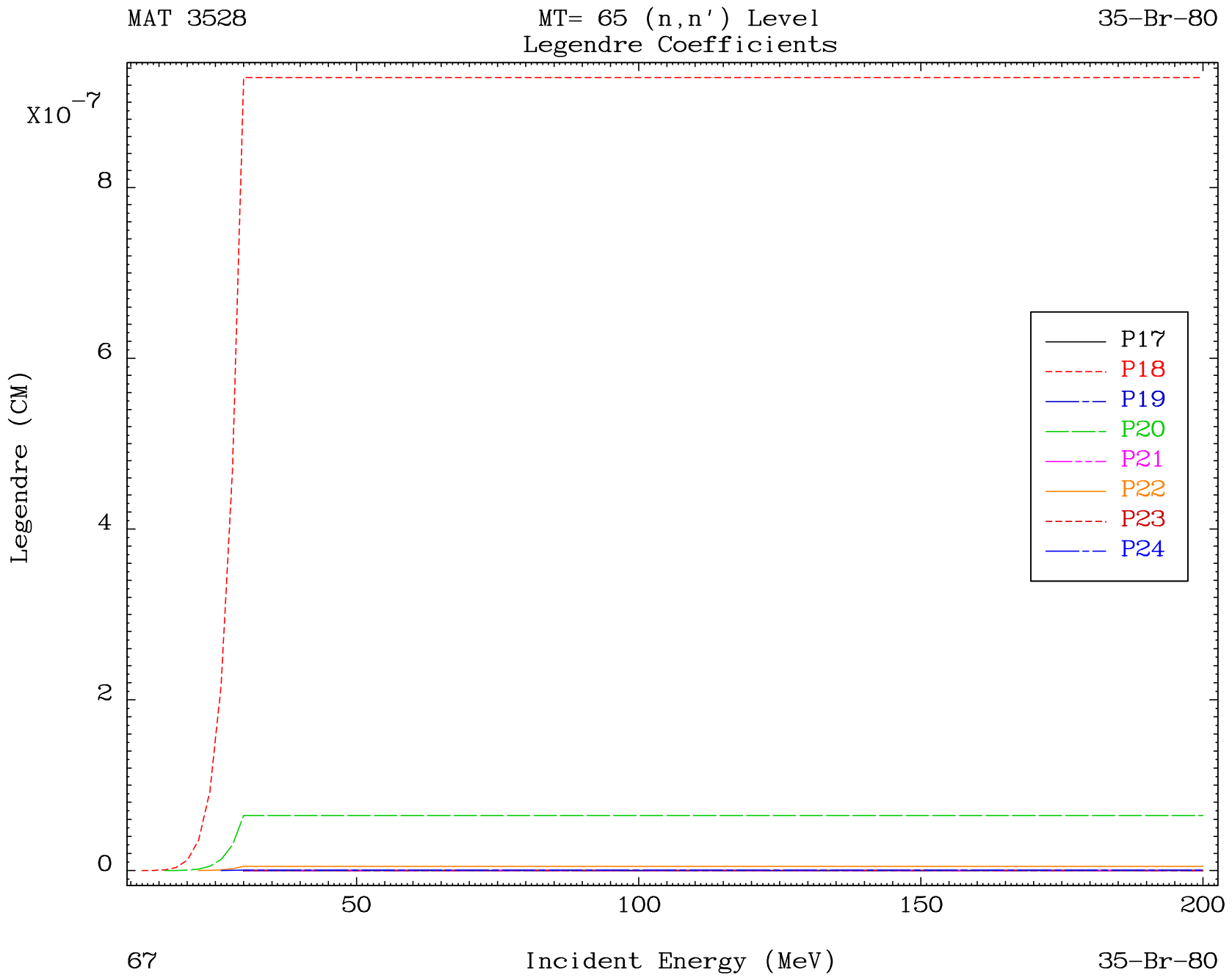

MAT 3528
MT= 64 (n,n') Level
Legendre Coefficients
35-Br-80
P10
P11
P12
P13
P14
P15
P16
P17
P18
0.015
0.010
0.005
0.000
Legendre (CM)
0
50
100
150
200
62
Incident Energy (MeV)
35-Br-80

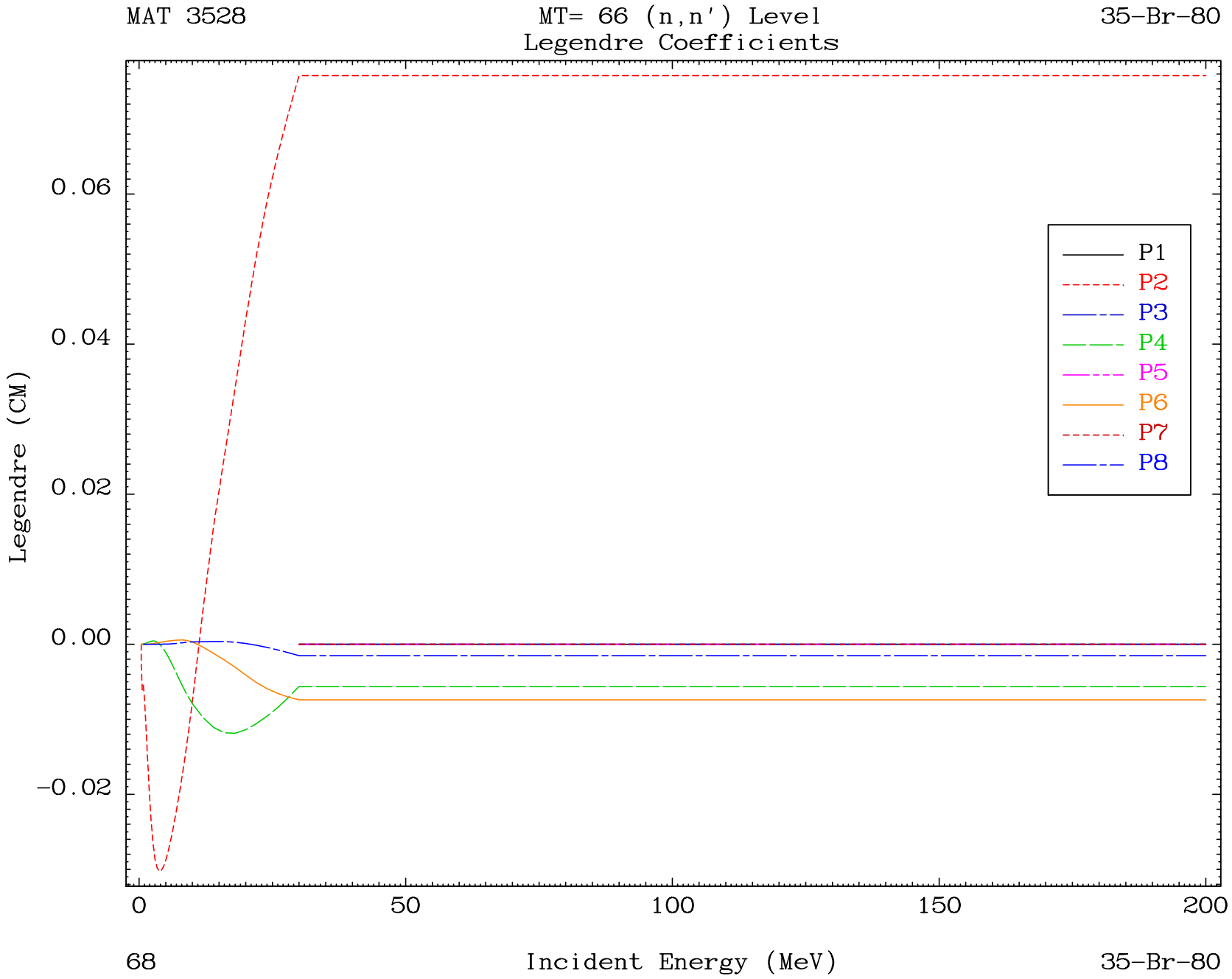

MAT 3528
MT= 64 (n,n') Level
Legendre Coefficients
35-Br-80
0.0
X10^-3
-0.2
-0.4
-0.6
-0.8
-1.0
-1.2
Legendre (CM)
50
100
150
200
63
Incident Energy (MeV)
35-Br-80
P19
P20
P21
P22
P23
P24
P25
P26
P27

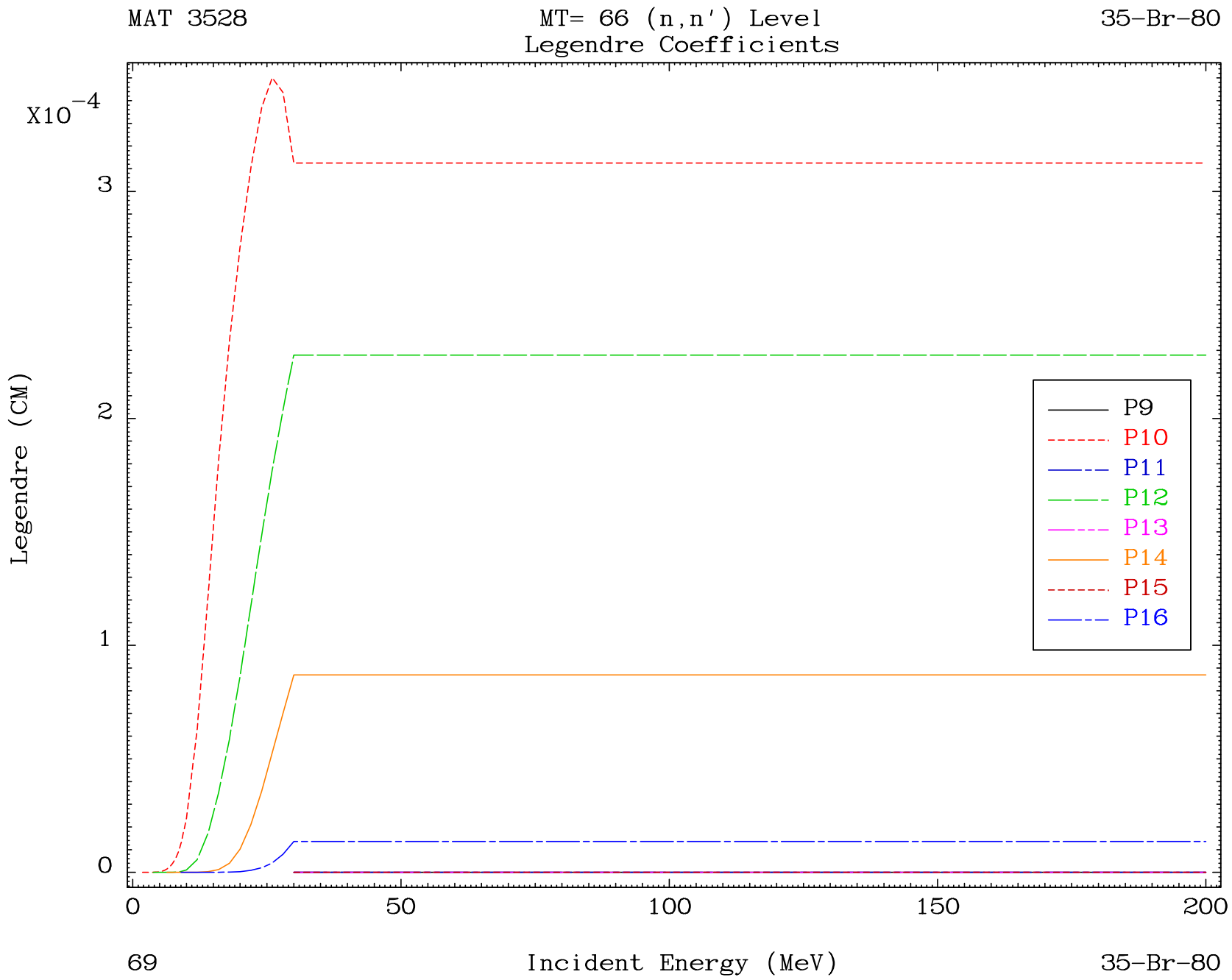

MAT 3528
MT= 64 (n,n') Level
Legendre Coefficients
35-Br-80
0
X10-7
-1
-2
-3
Legendre (CM)
50
100
150
200
64
Incident Energy (MeV)
35-Br-80
P28
P29
P30
P31
P32
P33
P34

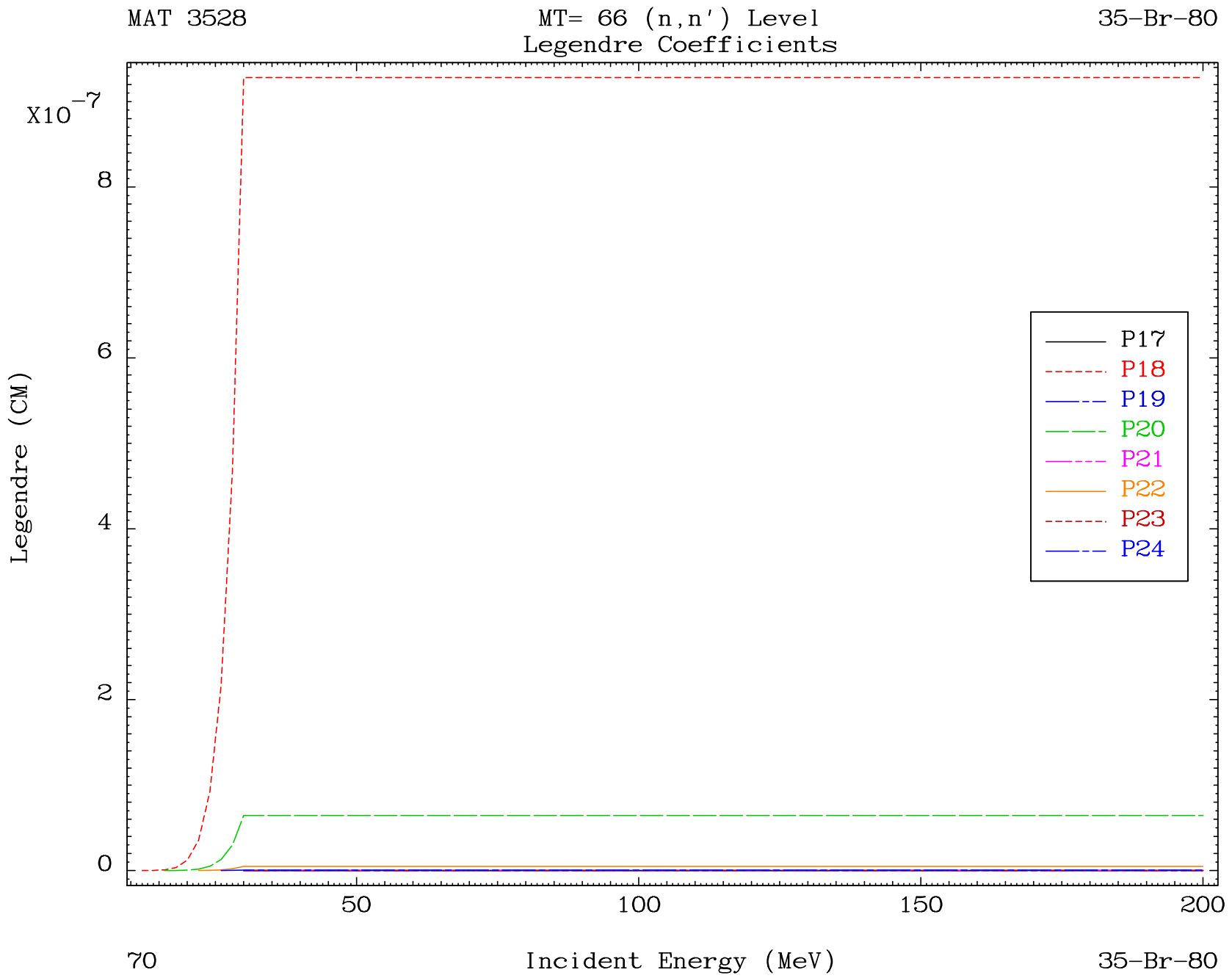

MAT 3528
MT= 65 (n,n') Level
Legendre Coefficients
35-Br-80
0.06
0.04
0.02
0.00
-0.02
Legendre (CM)
0
50
100
150
200
65
Incident Energy (MeV)
35-Br-80
P1
P2
P3
P4
P5
P6
P7
P8

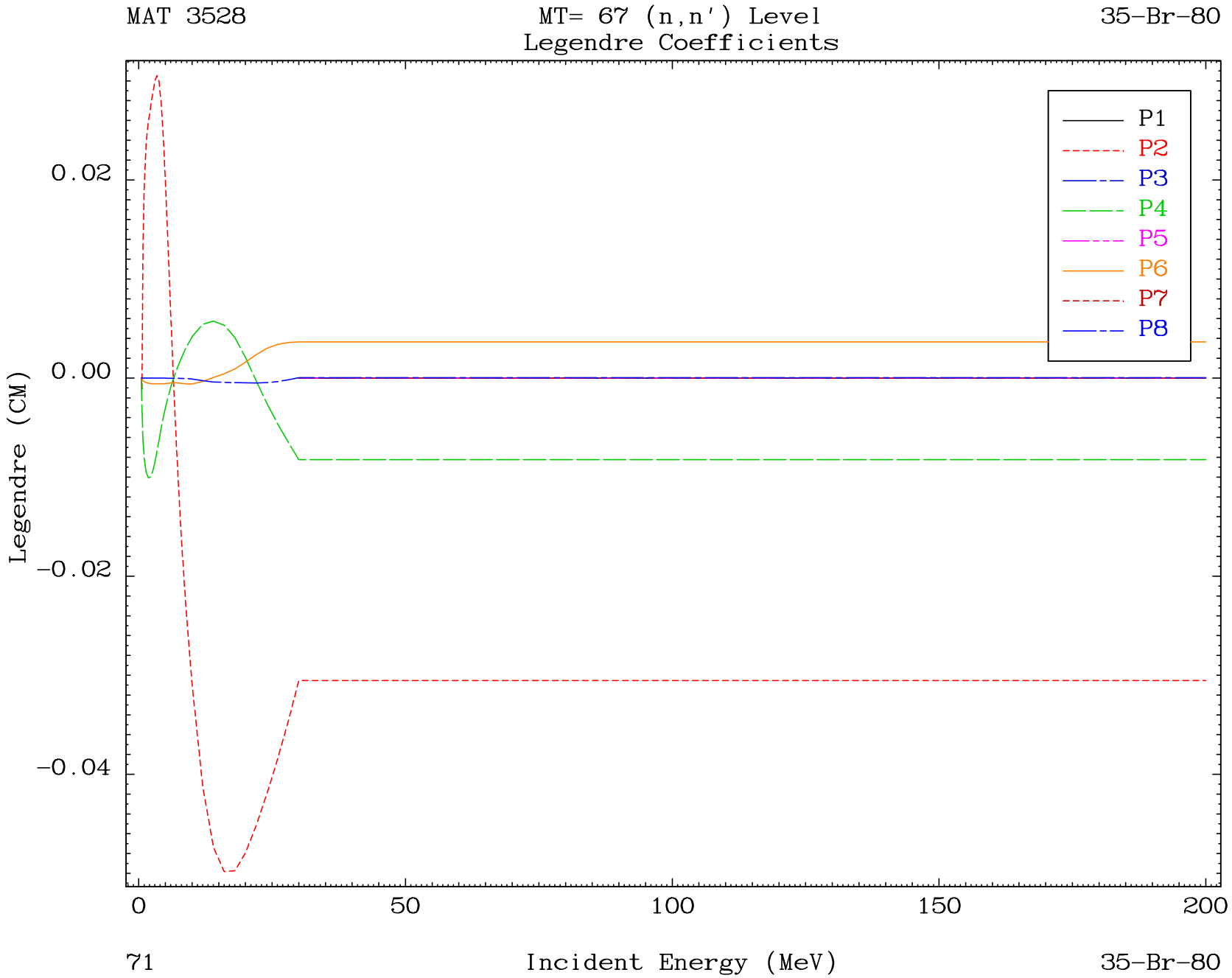

MAT 3528
MT= 65 (n,n') Level
Legendre Coefficients
35-Br-80
X10-4
3
2
1
0
Legendre (CM)
P9
P10
P11
P12
P13
P14
P15
P16
0
50
100
150
200
66
Incident Energy (MeV)
35-Br-80

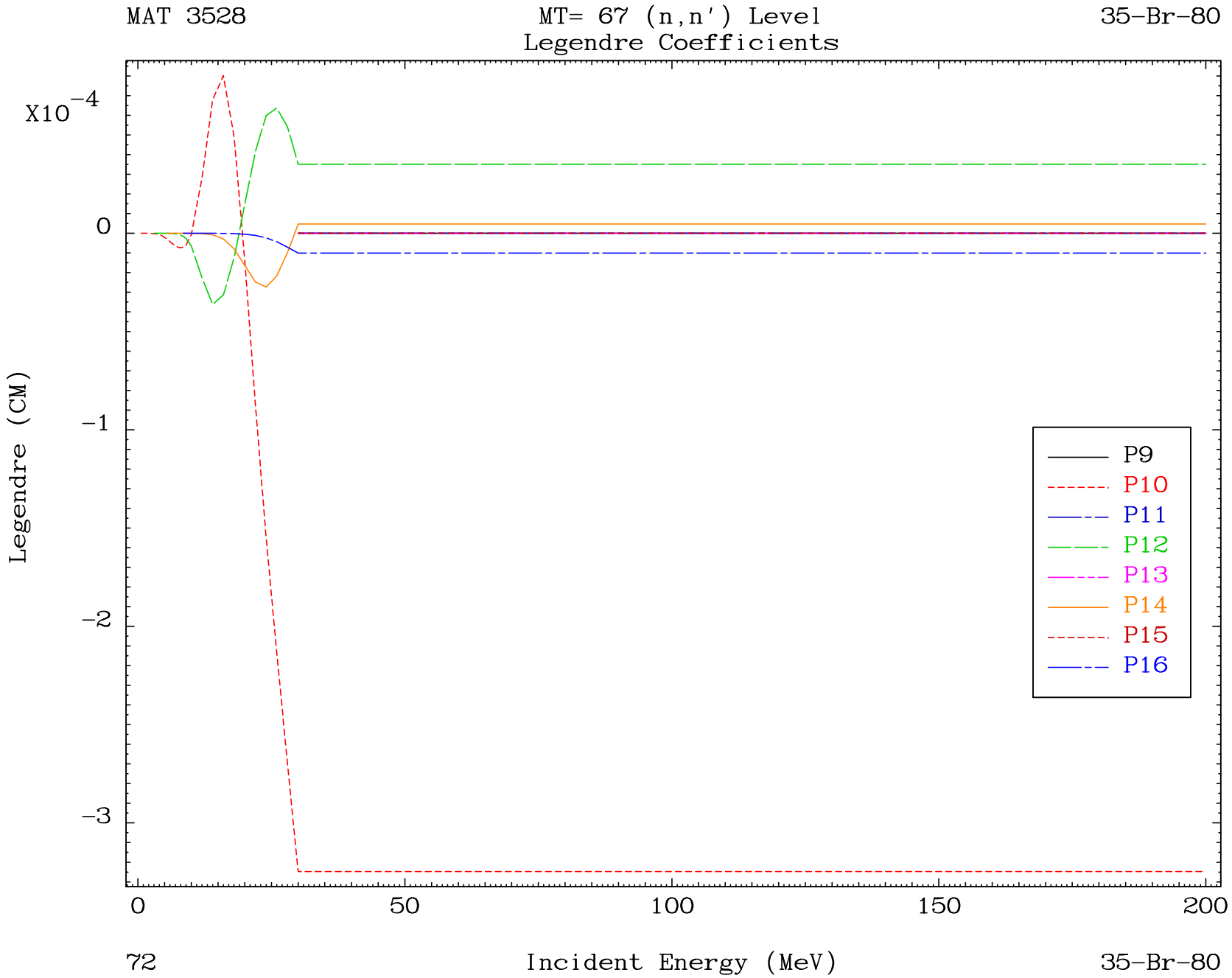

MAT 3528
MT= 65 (n,n') Level
Legendre Coefficients
35-Br-80
X10-7
8
6
4
2
0
Legendre (CM)
P17
P18
P19
P20
P21
P22
P23
P24
50
100
150
200
67
Incident Energy (MeV)
35-Br-80

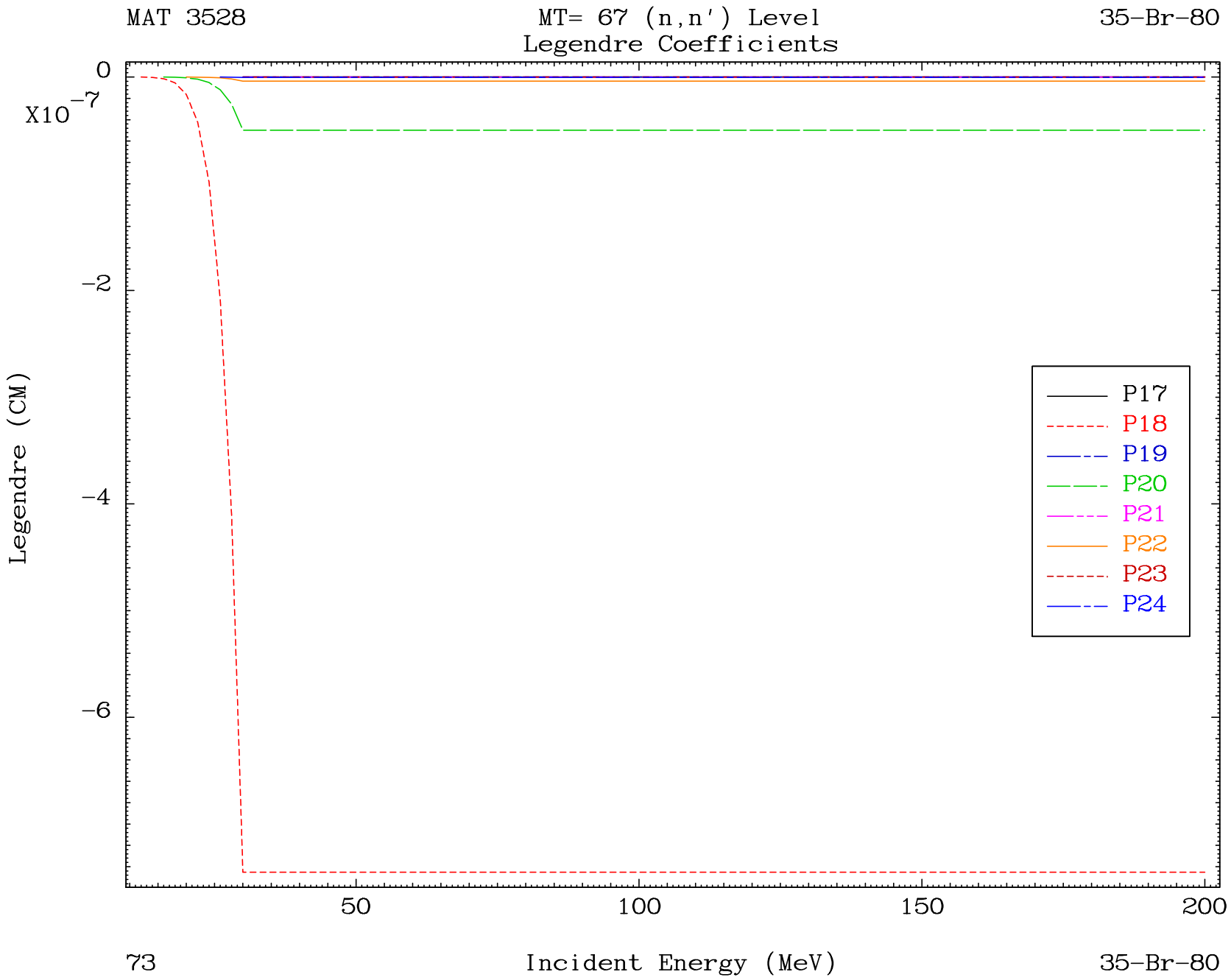

MAT 3528
MT= 66 (n,n') Level
Legendre Coefficients
35-Br-80
0.06
0.04
0.02
0.00
-0.02
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
0
50
100
150
200
68
Incident Energy (MeV)
35-Br-80

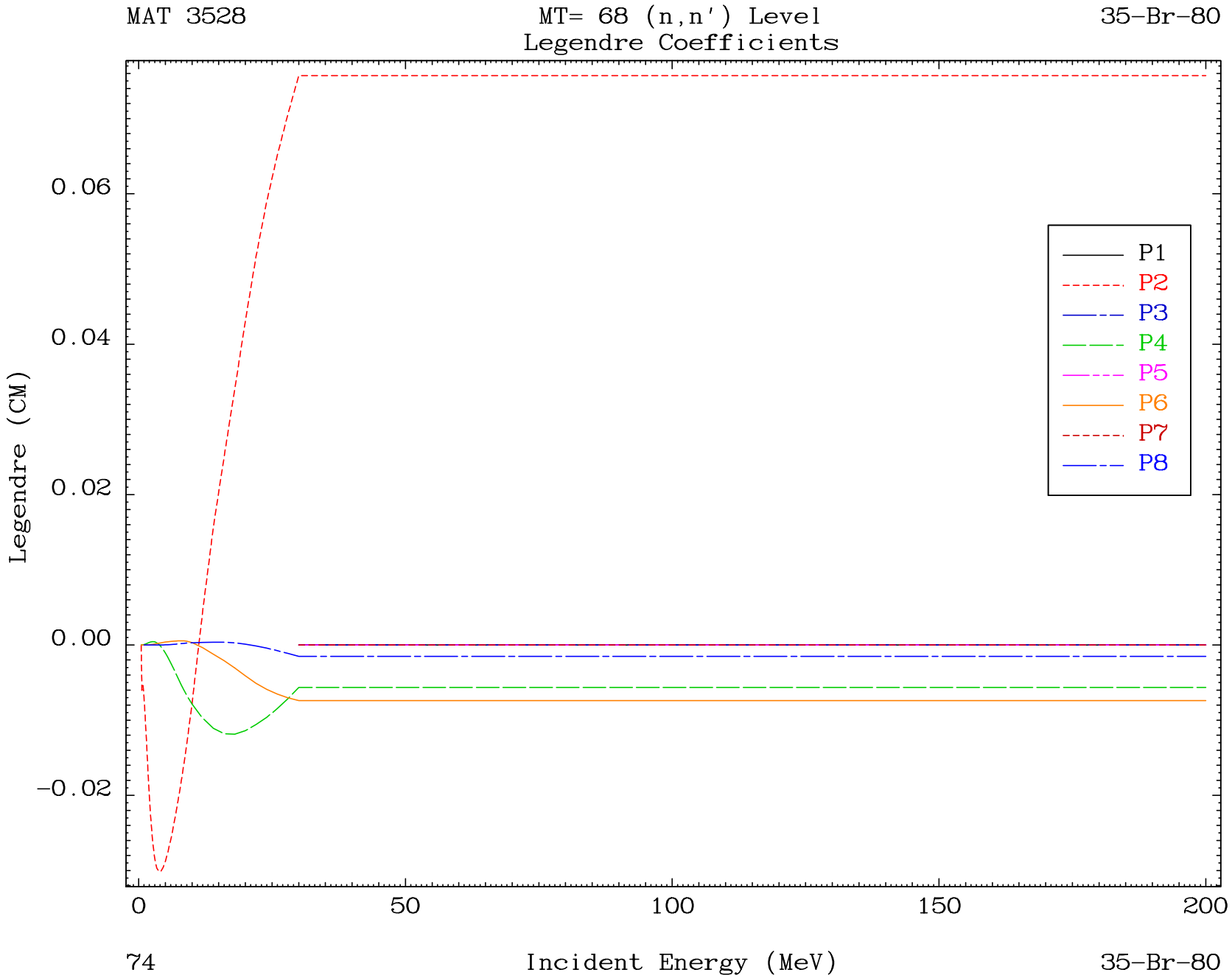

MAT 3528
MT= 66 (n,n') Level
Legendre Coefficients
35-Br-80
X10^-4
3
2
1
0
Legendre (CM)
P9
P10
P11
P12
P13
P14
P15
P16
0
50
100
150
200
69
Incident Energy (MeV)
35-Br-80

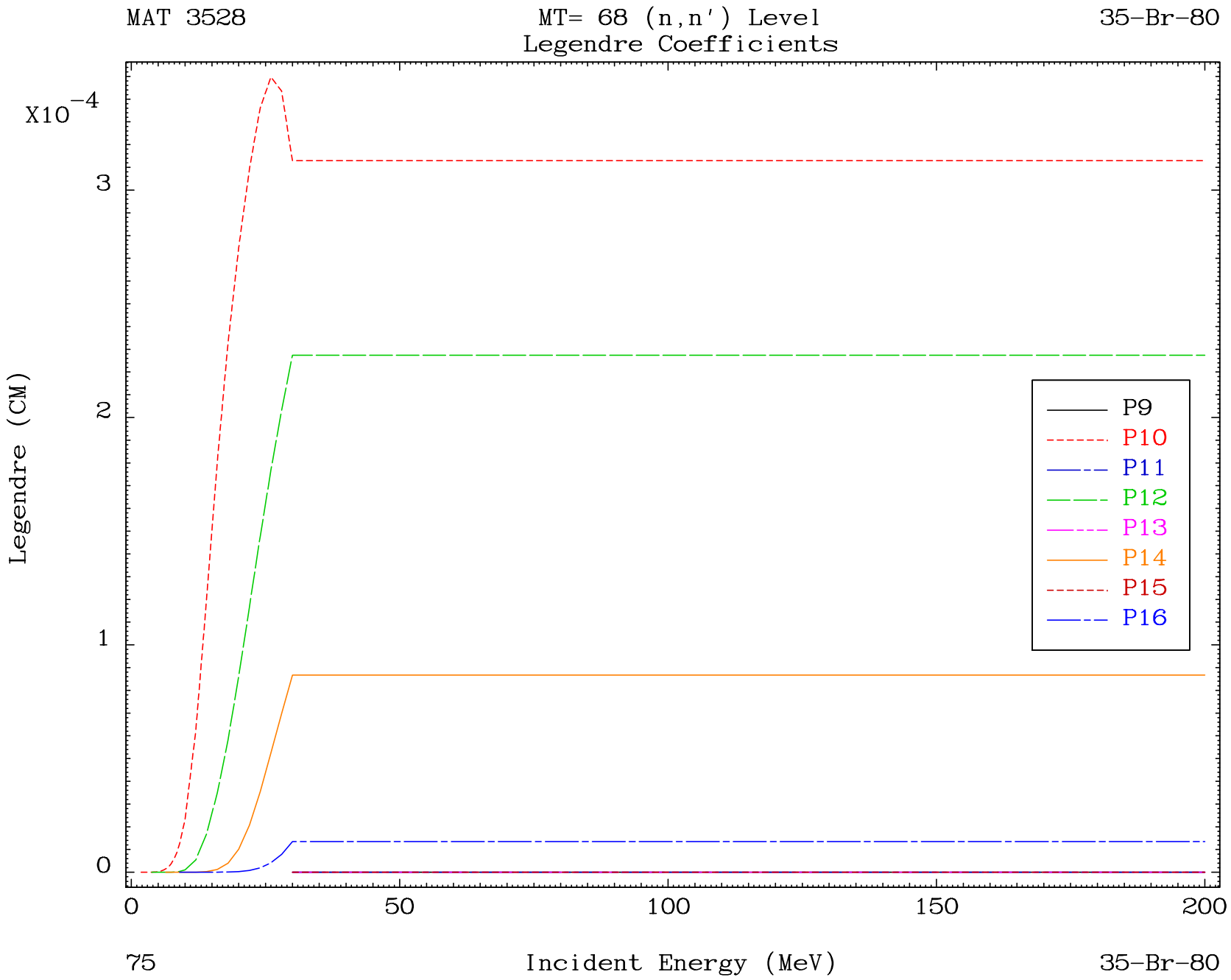

MAT 3528
MT= 66 (n,n') Level
Legendre Coefficients
35-Br-80
X10-7
8
6
4
2
0
Legendre (CM)
P17
P18
P19
P20
P21
P22
P23
P24
50
100
150
200
70
Incident Energy (MeV)
35-Br-80

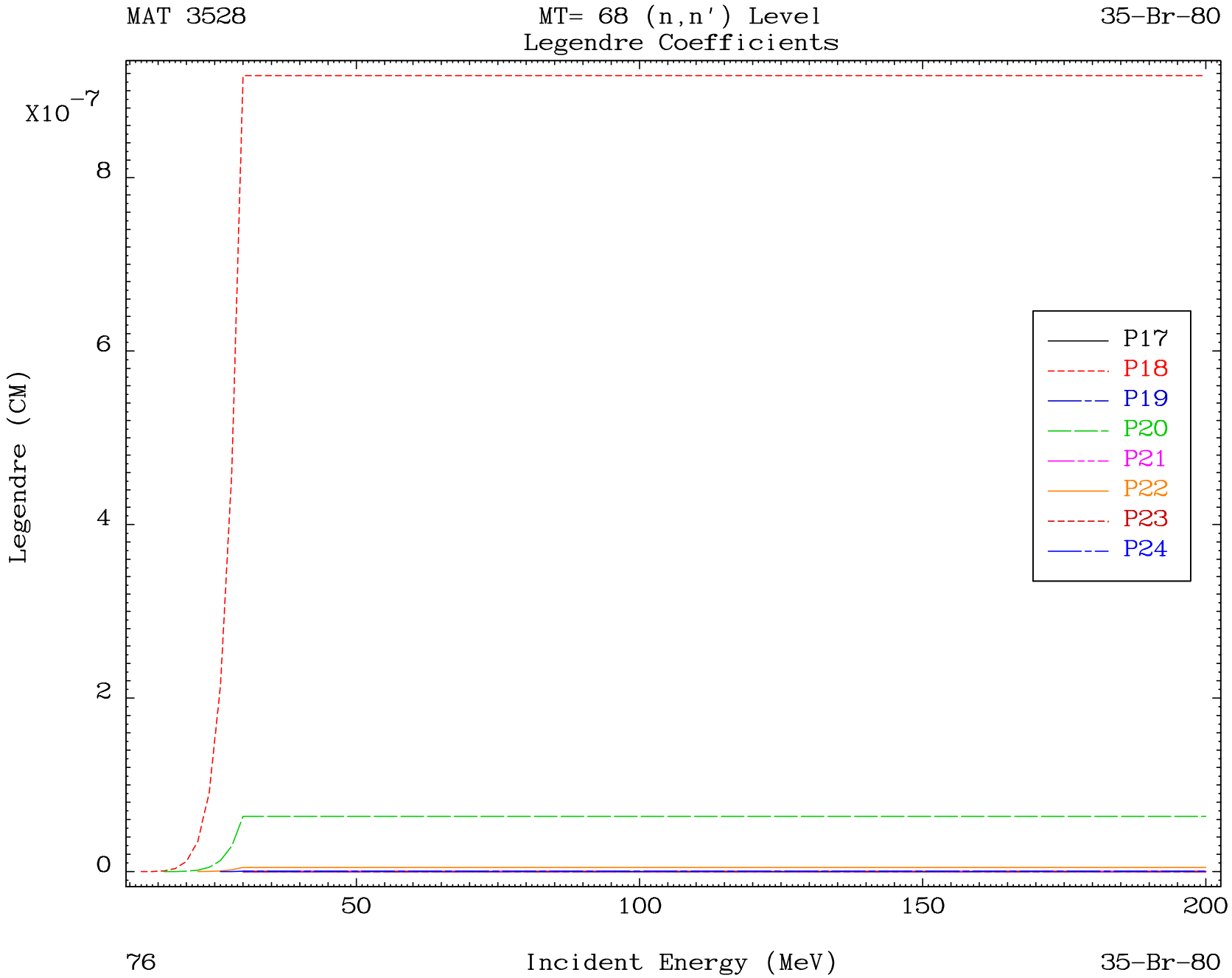

MAT 3528
MT= 67 (n,n') Level
Legendre Coefficients
35-Br-80
P1
P2
P3
P4
P5
P6
P7
P8
0.02
0.00
-0.02
-0.04
Legendre (CM)
0
50
100
150
200
71
Incident Energy (MeV)
35-Br-80

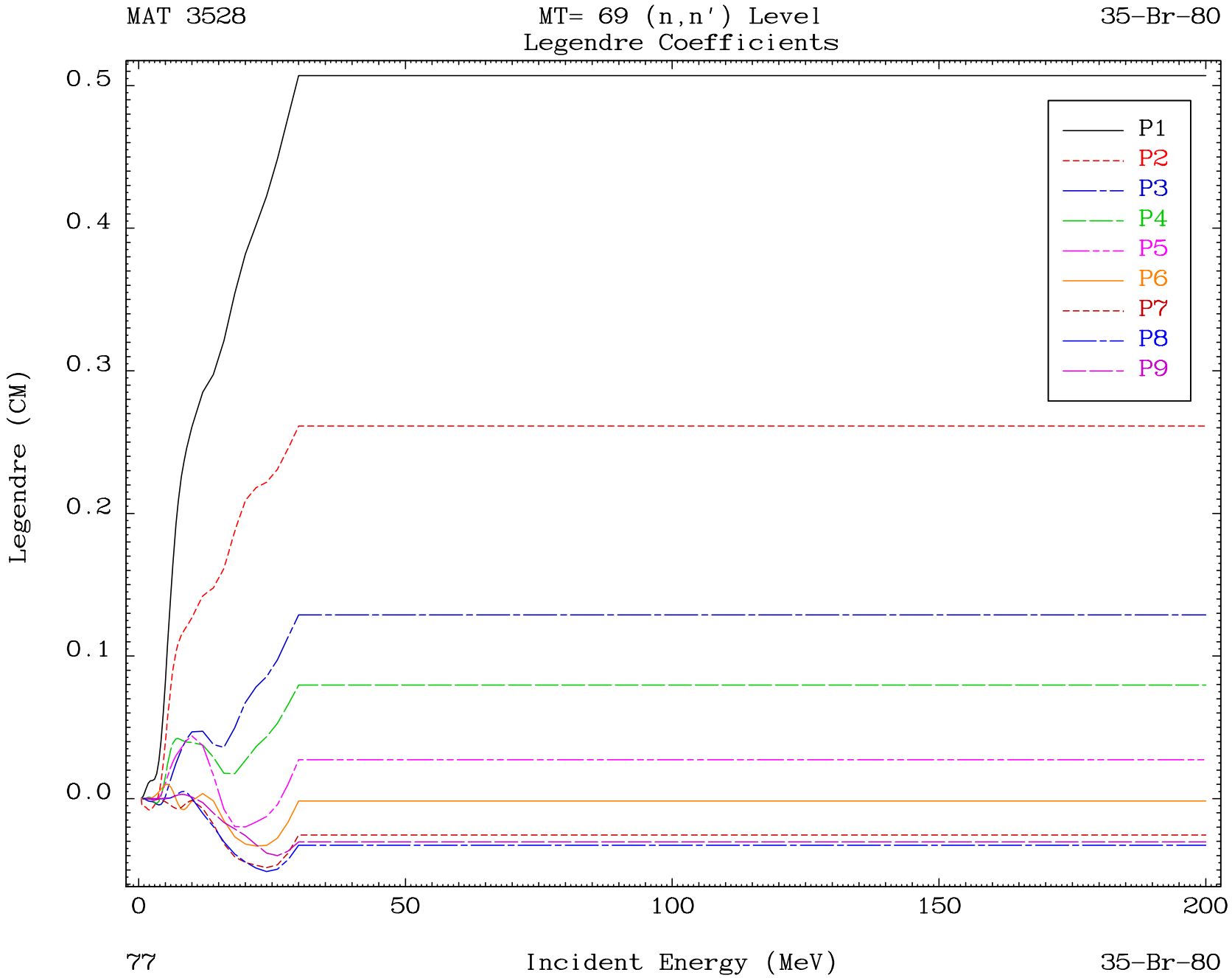

MAT 3528
MT= 67 (n,n') Level
Legendre Coefficients
35-Br-80
X10^-4
0
-1
-2
-3
Legendre (CM)
0
50
100
150
200
72
Incident Energy (MeV)
35-Br-80
P9
P10
P11
P12
P13
P14
P15
P16

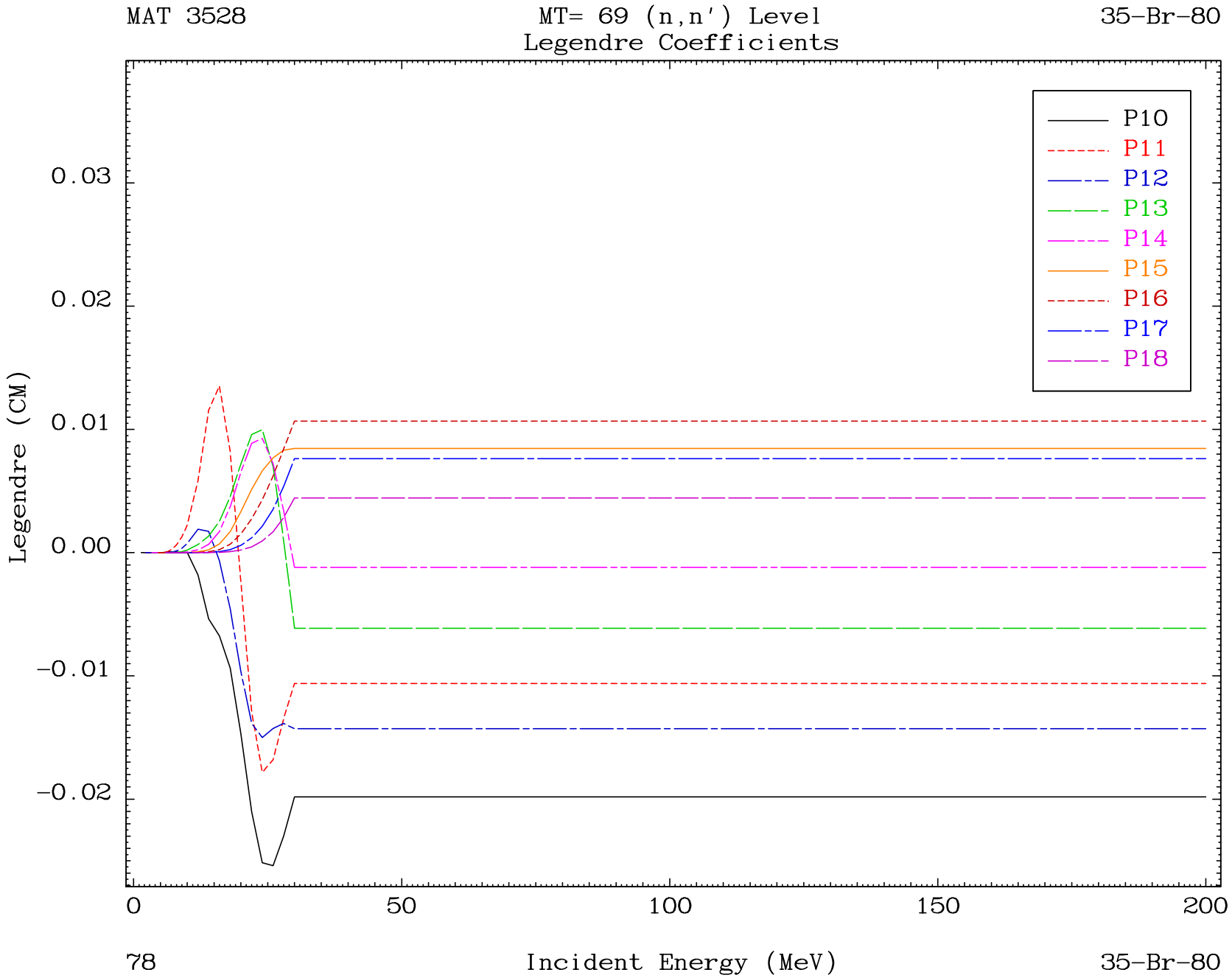

MAT 3528
MT= 67 (n,n') Level
Legendre Coefficients
35-Br-80
0
X10-7
-2
-4
-6
Legendre (CM)
P17
P18
P19
P20
P21
P22
P23
P24
50
100
150
200
73
Incident Energy (MeV)
35-Br-80

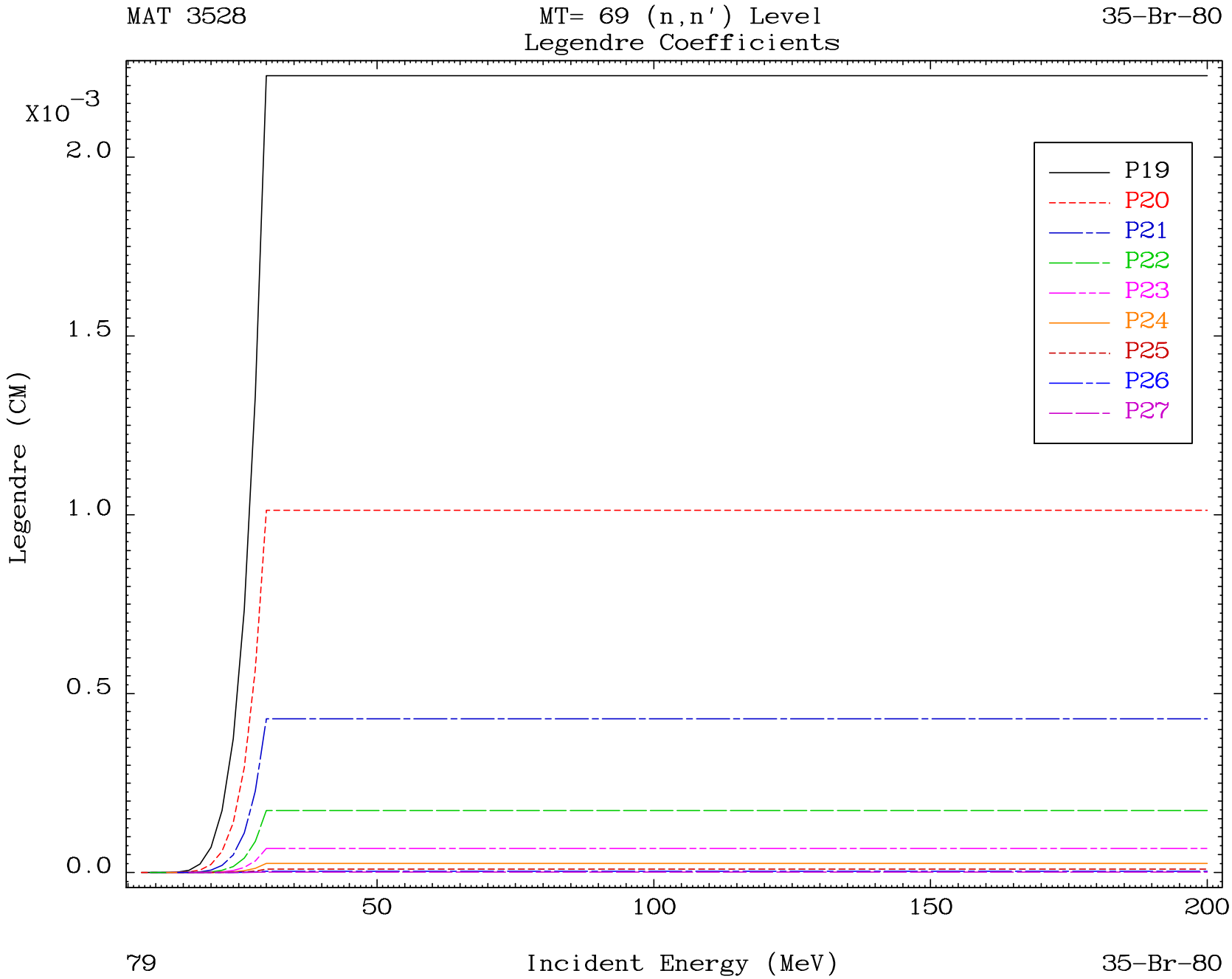

MAT 3528
MT= 68 (n,n') Level
Legendre Coefficients
35-Br-80
0.06
0.04
0.02
0.00
-0.02
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
0
50
100
150
200
74
Incident Energy (MeV)
35-Br-80

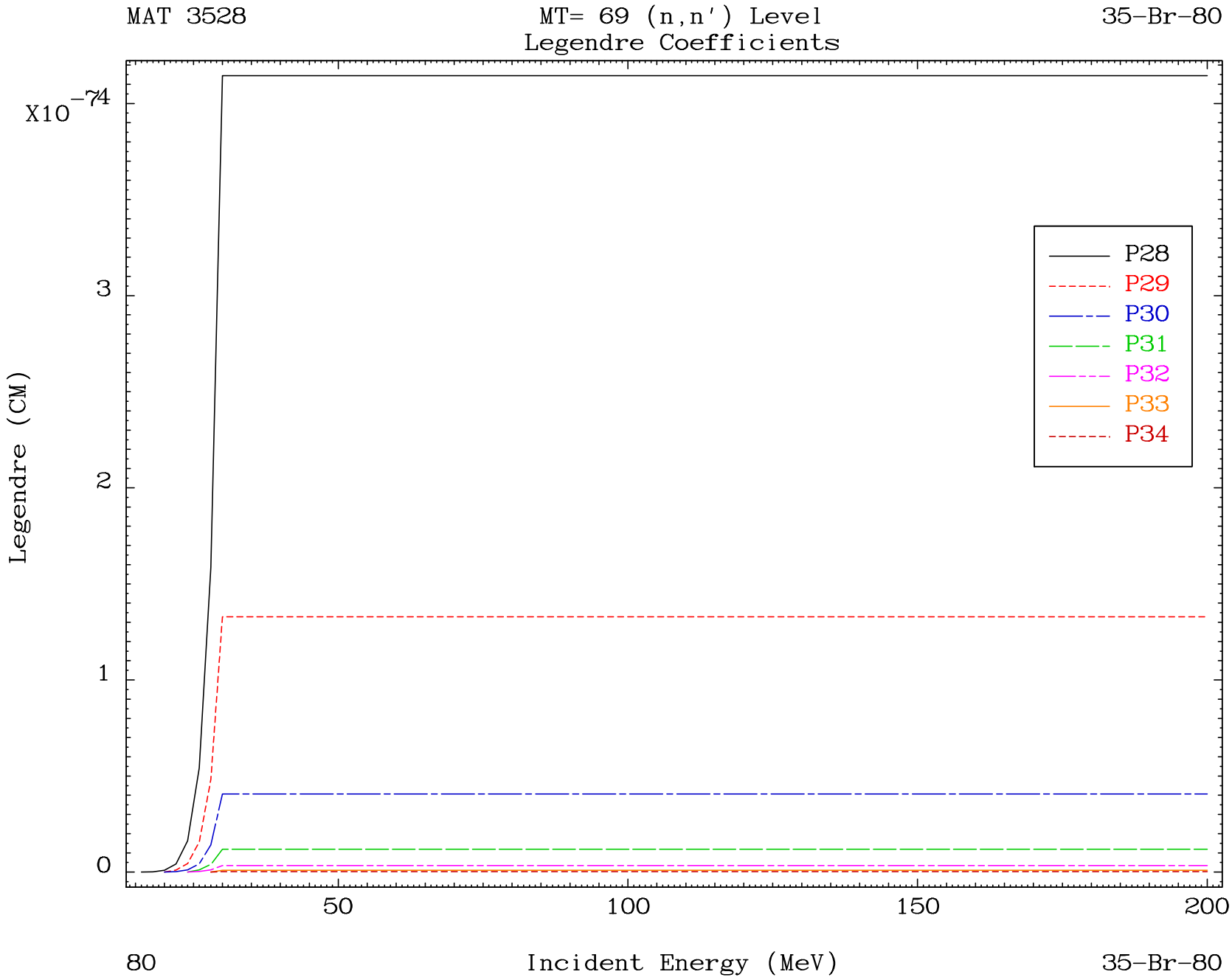

MAT 3528
MT= 68 (n,n') Level
Legendre Coefficients
35-Br-80
X10-4
3
2
1
0
Legendre (CM)
P9
P10
P11
P12
P13
P14
P15
P16
0
50
100
150
200
75
Incident Energy (MeV)
35-Br-80

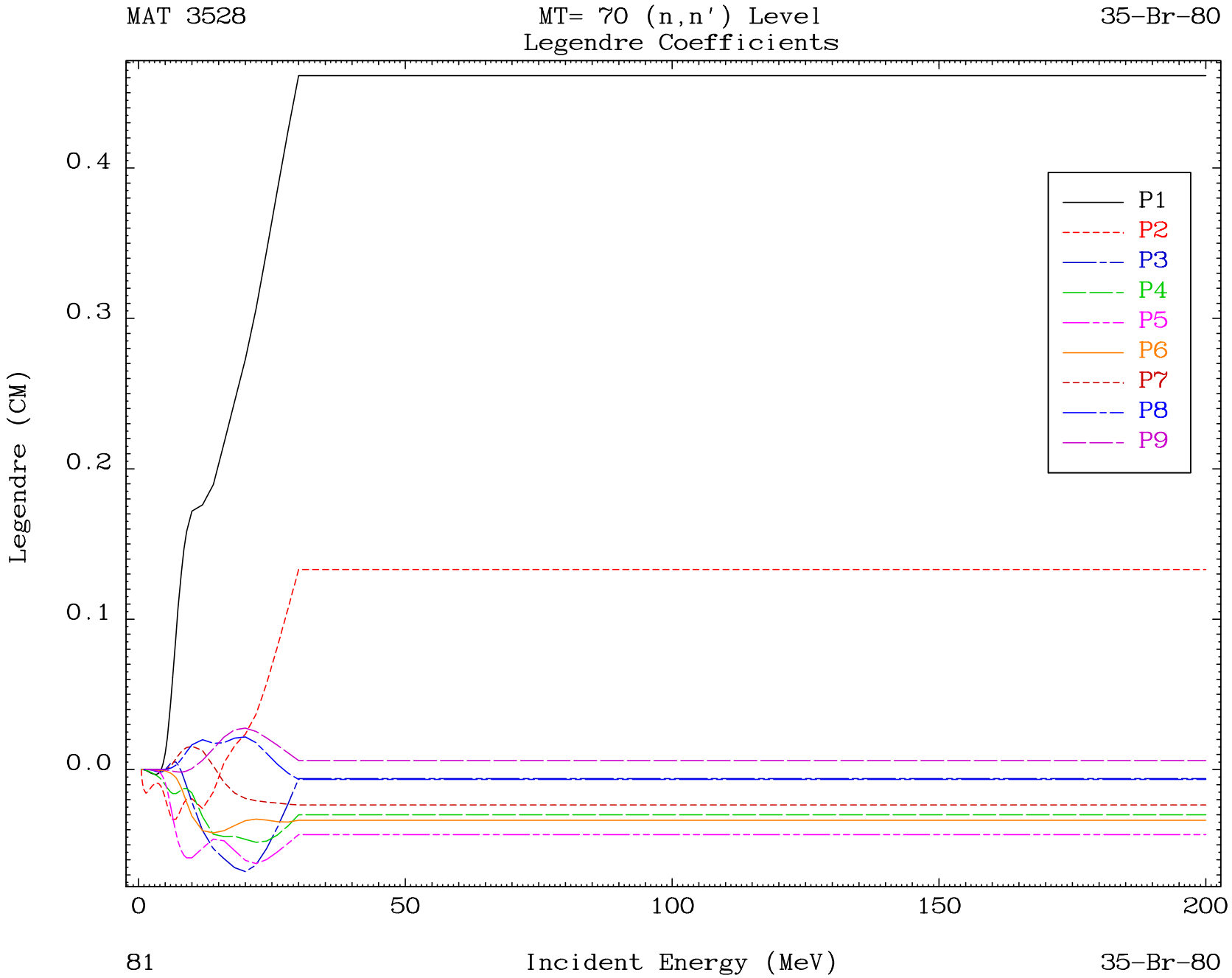

MAT 3528
MT= 68 (n,n') Level
Legendre Coefficients
35-Br-80
X10-7
8
6
4
2
0
Legendre (CM)
P17
P18
P19
P20
P21
P22
P23
P24
50
100
150
200
76
Incident Energy (MeV)
35-Br-80

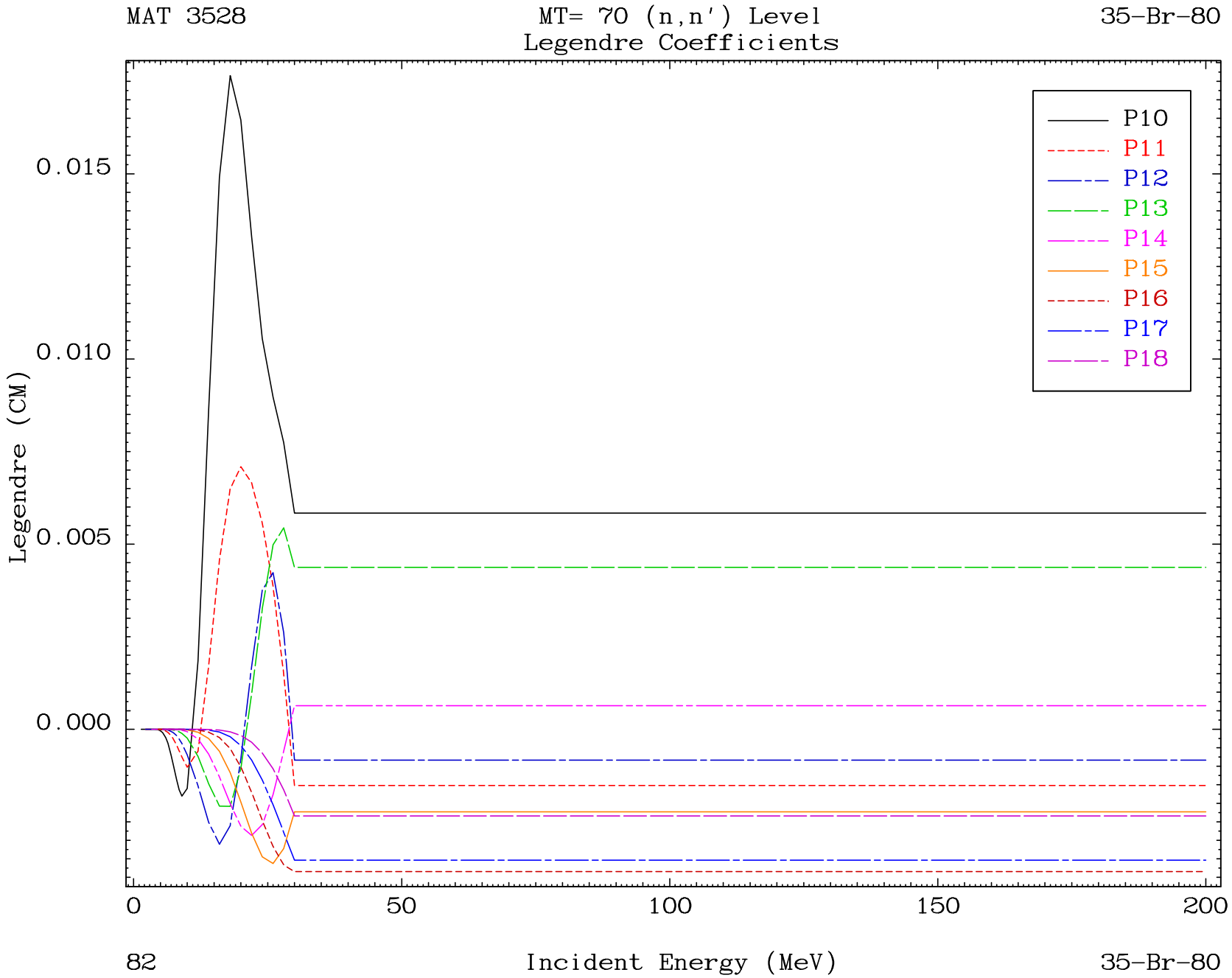

MAT 3528
MT= 69 (n,n') Level
Legendre Coefficients
35-Br-80
0.5
0.4
0.3
0.2
0.1
0.0
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
0
50
100
150
200
77
Incident Energy (MeV)
35-Br-80

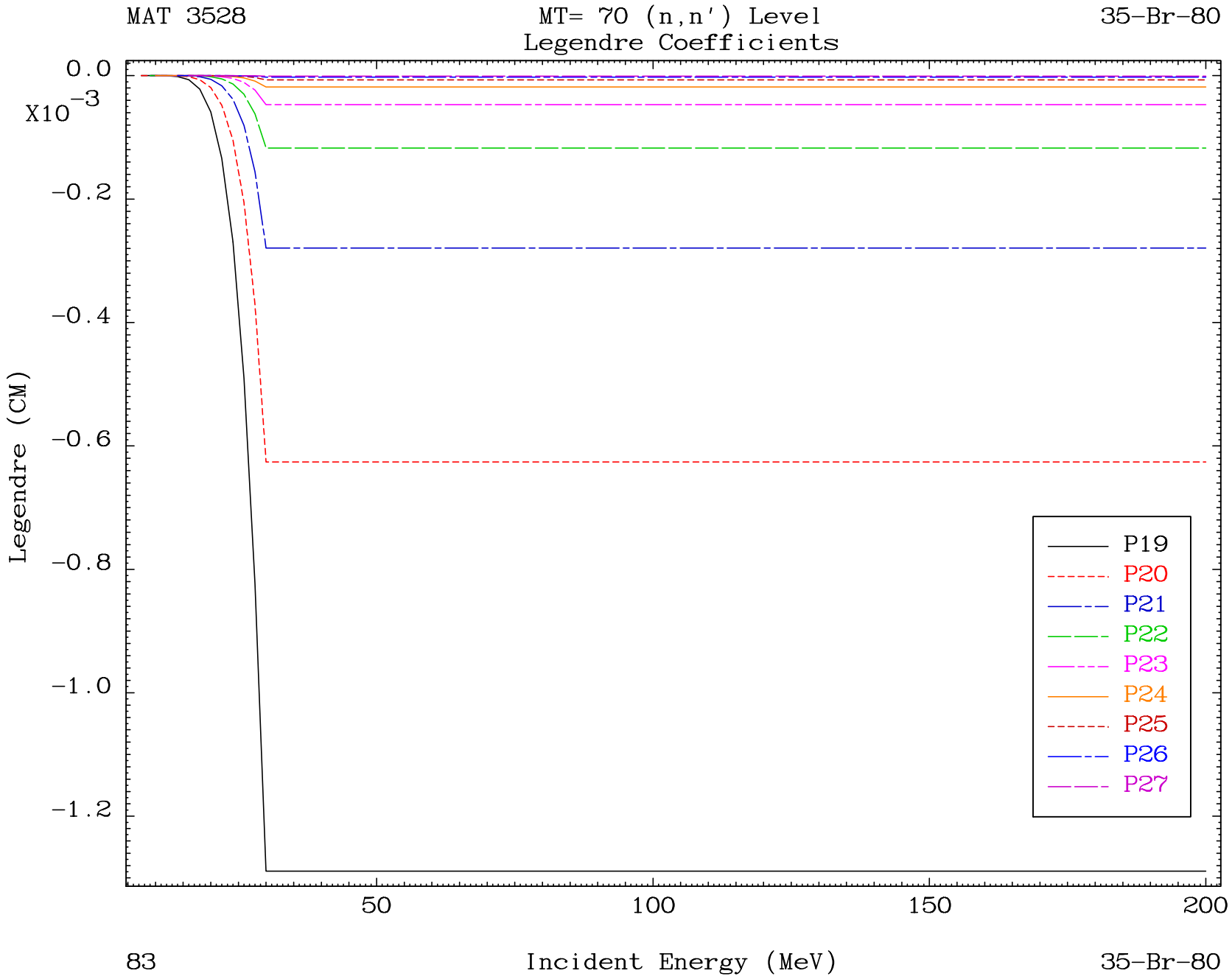

MAT 3528
MT= 69 (n,n') Level
Legendre Coefficients
35-Br-80
P10
P11
P12
P13
P14
P15
P16
P17
P18
0.03
0.02
0.01
0.00
-0.01
-0.02
Legendre (CM)
0
50
100
150
200
78
Incident Energy (MeV)
35-Br-80

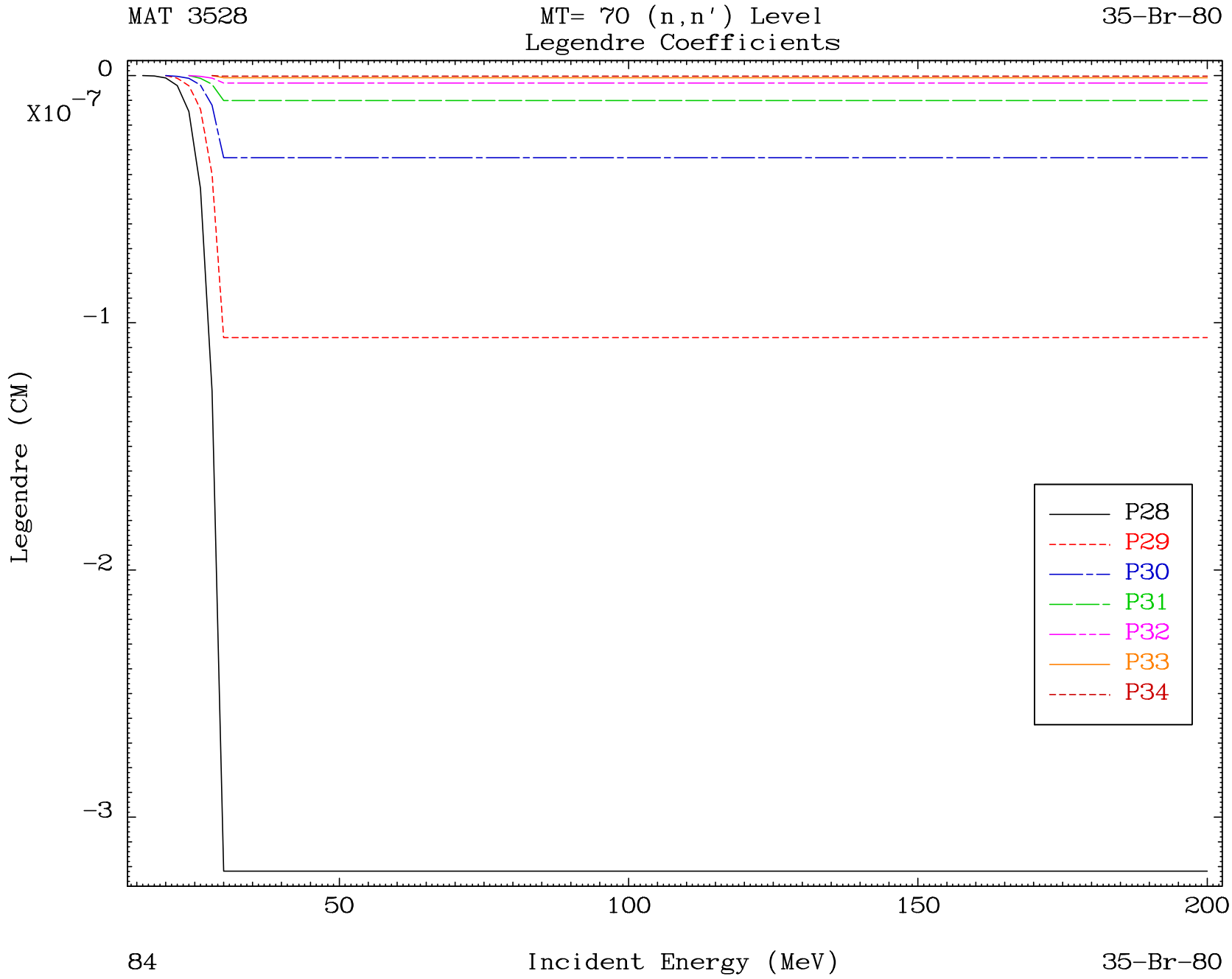

MAT 3528
MT= 69 (n,n') Level
Legendre Coefficients
35-Br-80
X10-3
2.0
1.5
1.0
0.5
0.0
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
P27
50
100
150
200
79
Incident Energy (MeV)
35-Br-80

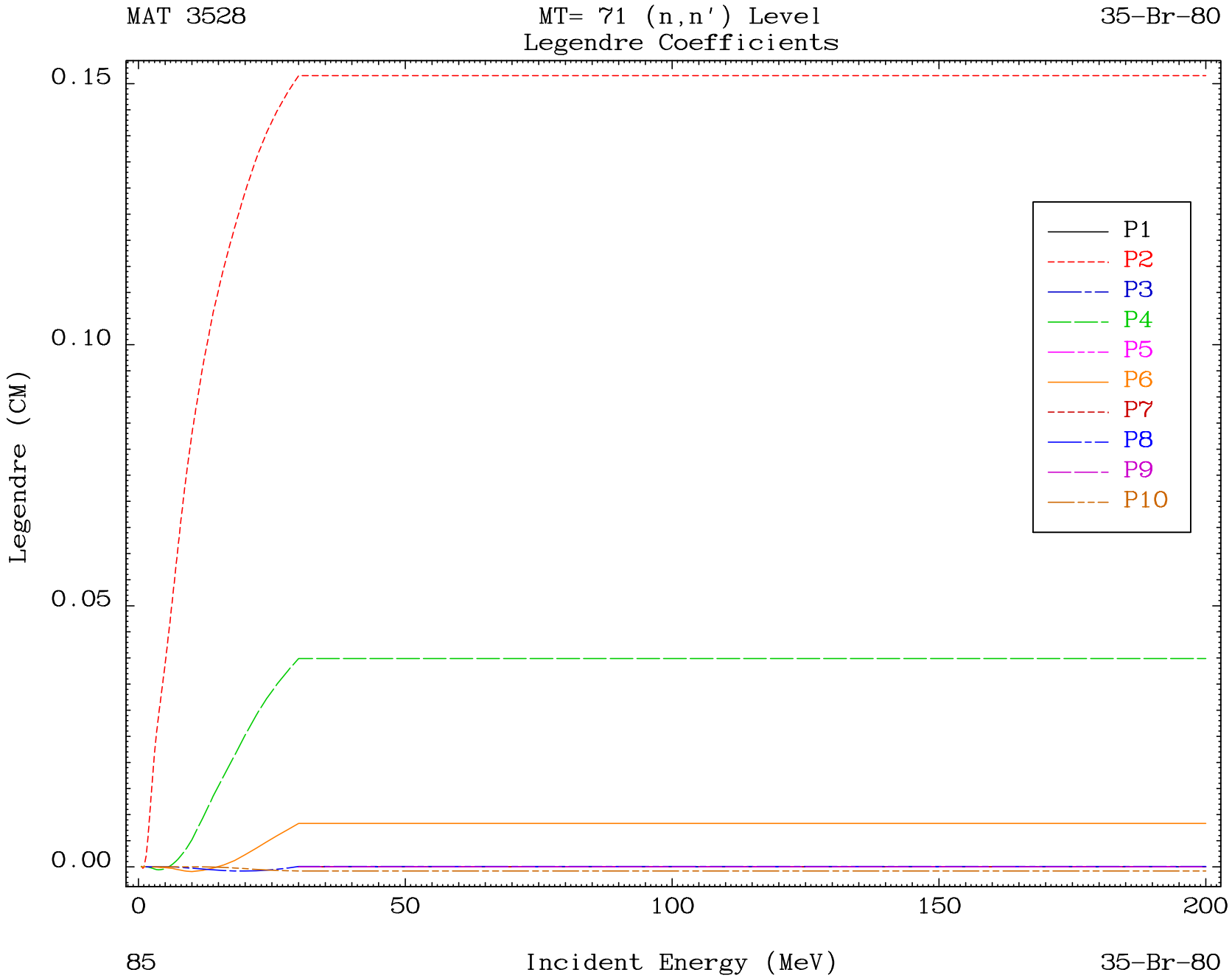

MAT 3528
MT= 69 (n,n') Level
Legendre Coefficients
35-Br-80
X10^-24
3
2
1
0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
50
100
150
200
80
Incident Energy (MeV)
35-Br-80

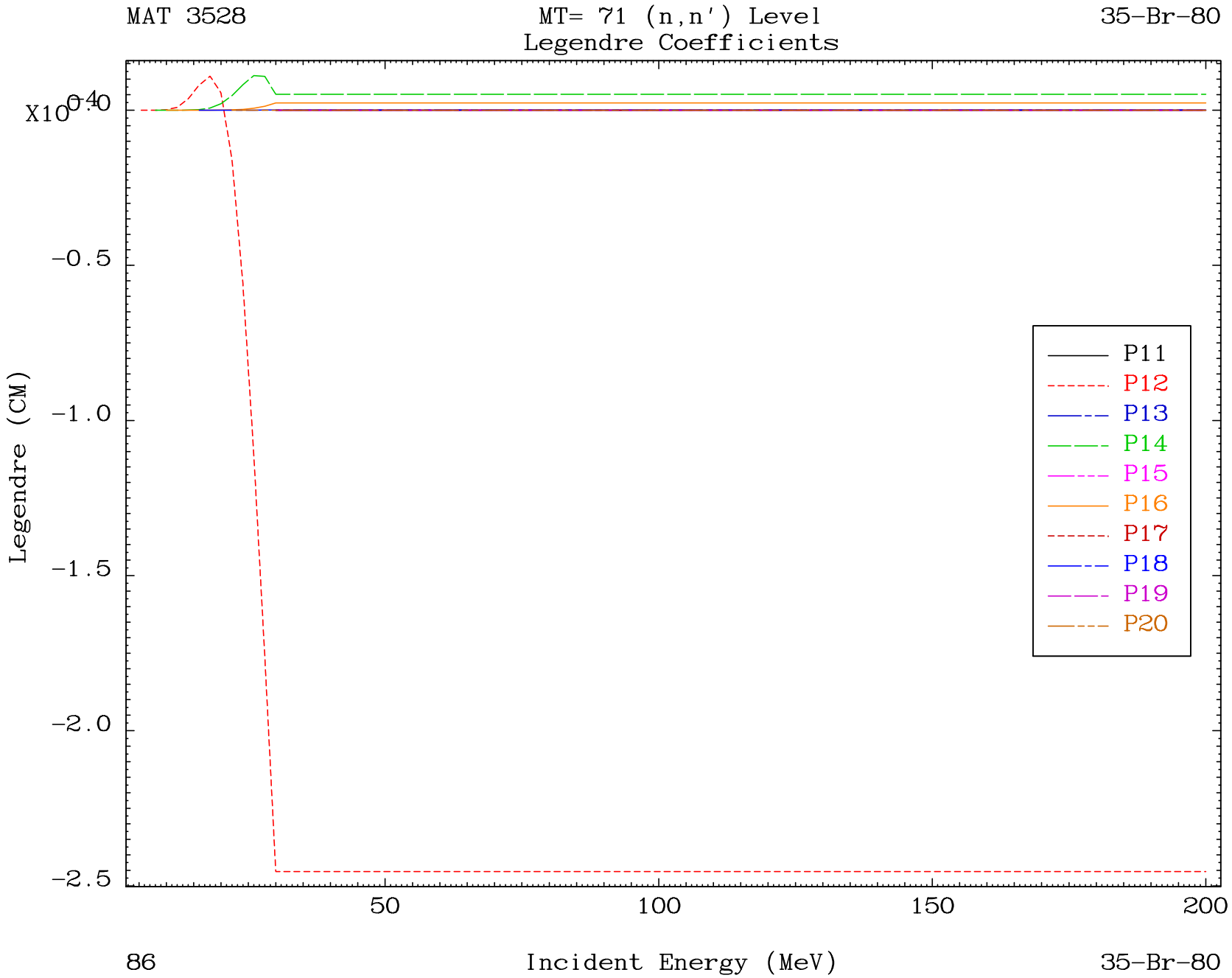

MAT 3528
MT= 70 (n,n') Level
Legendre Coefficients
35-Br-80
Legendre (CM)
0.4
0.3
0.2
0.1
0.0
0
50
100
150
200
P1
P2
P3
P4
P5
P6
P7
P8
P9
81
Incident Energy (MeV)
35-Br-80

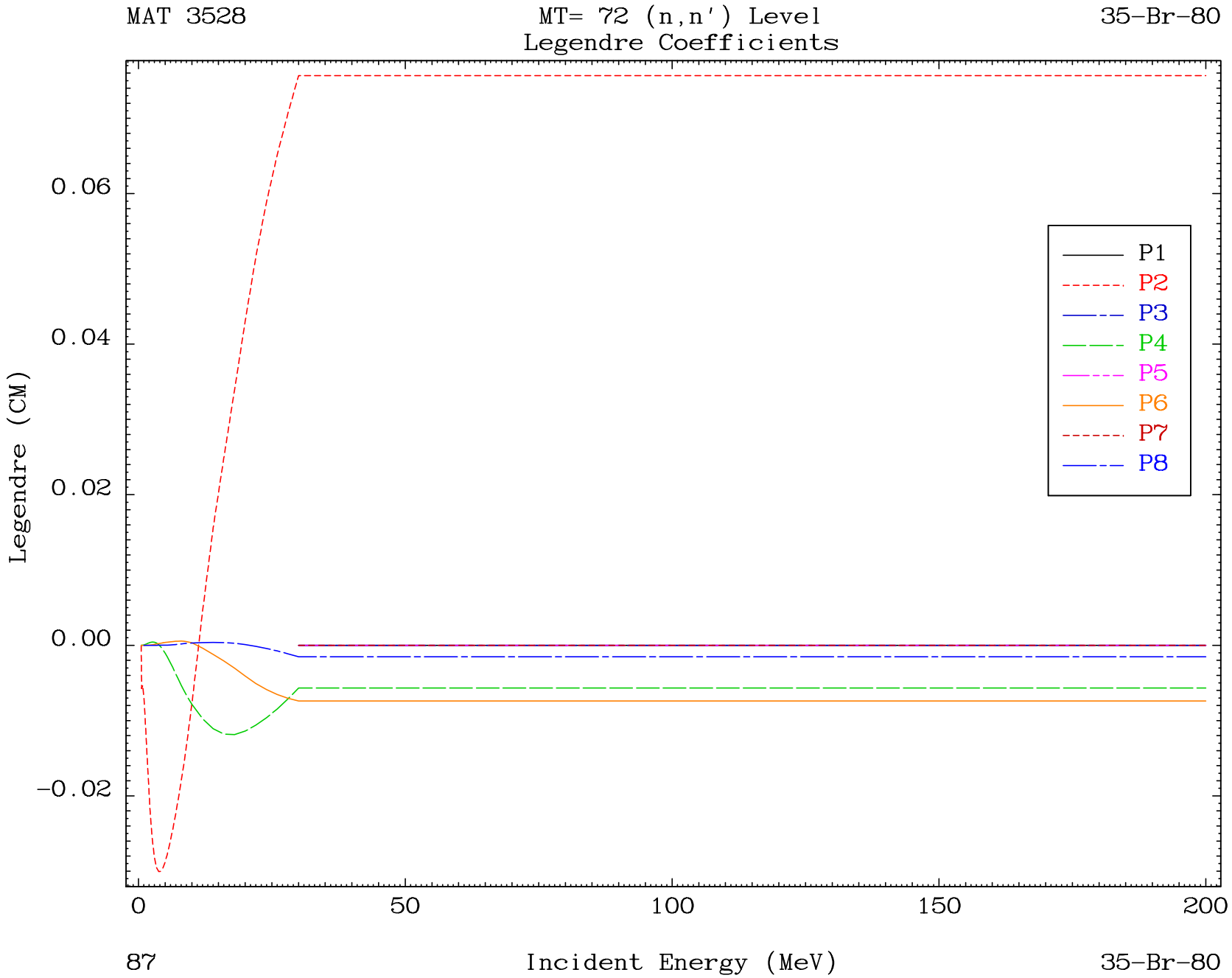

MAT 3528
MT= 70 (n,n') Level
Legendre Coefficients
35-Br-80
P10
P11
P12
P13
P14
P15
P16
P17
P18
0.015
0.010
0.005
0.000
Legendre (CM)
0
50
100
150
200
82
Incident Energy (MeV)
35-Br-80

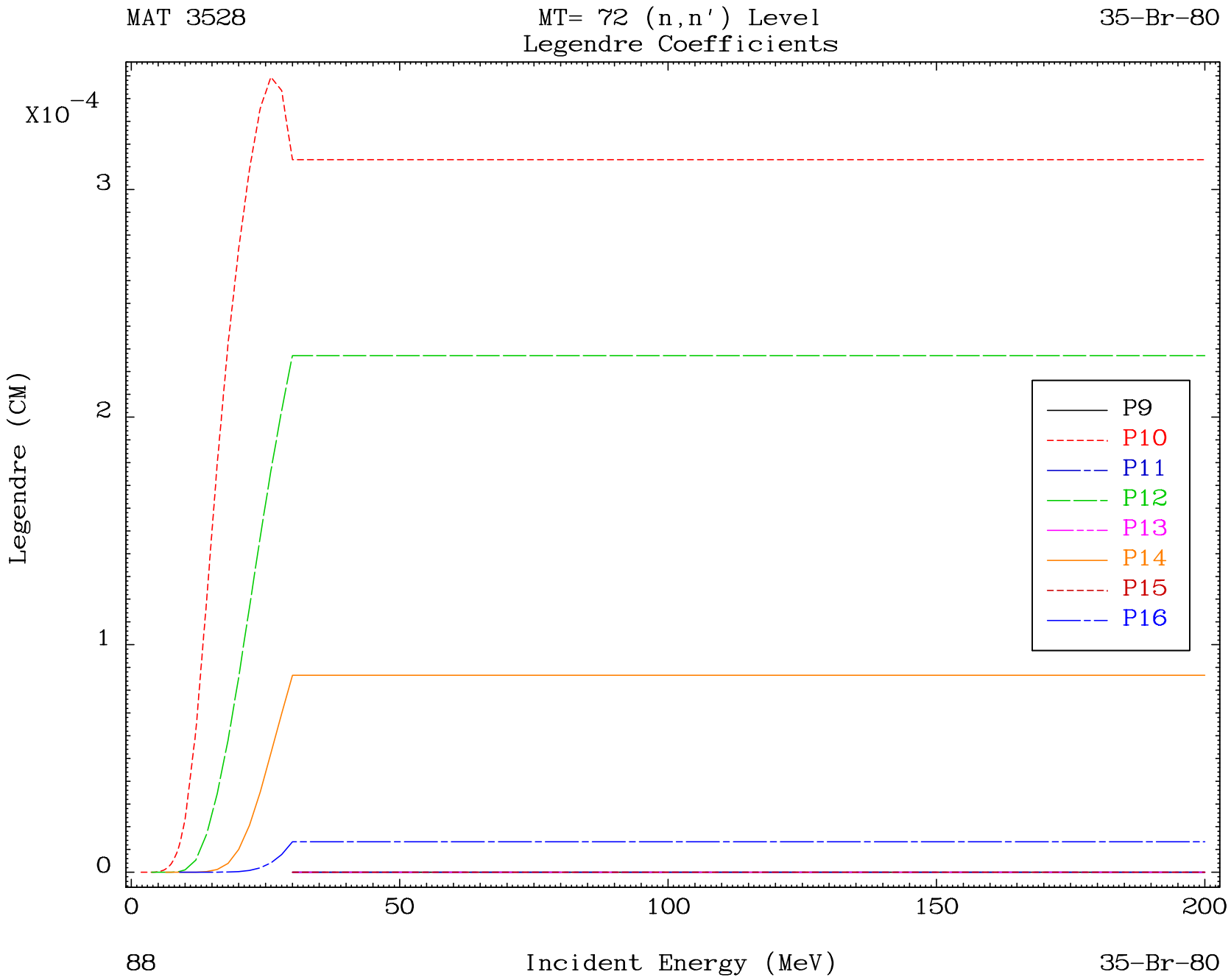

MAT 3528
MT= 70 (n,n') Level
Legendre Coefficients
35-Br-80
0.0
X10^-3
-0.2
-0.4
-0.6
-0.8
-1.0
-1.2
Legendre (CM)
50
100
150
200
P19
P20
P21
P22
P23
P24
P25
P26
P27
83
Incident Energy (MeV)
35-Br-80

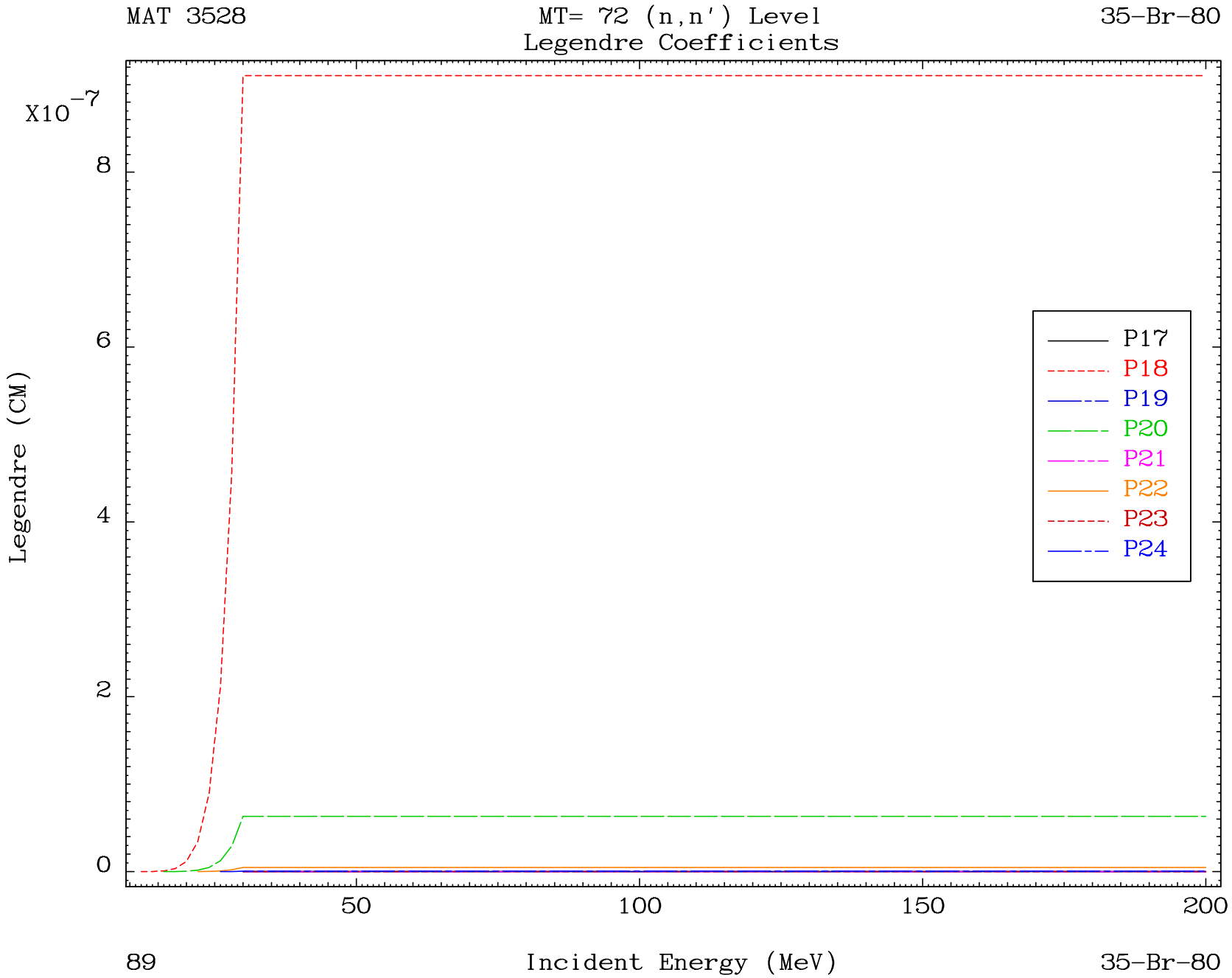

MAT 3528
MT= 70 (n,n') Level
Legendre Coefficients
35-Br-80
0
X10-7
-1
-2
-3
Legendre (CM)
50
100
150
200
P28
P29
P30
P31
P32
P33
P34
84
Incident Energy (MeV)
35-Br-80

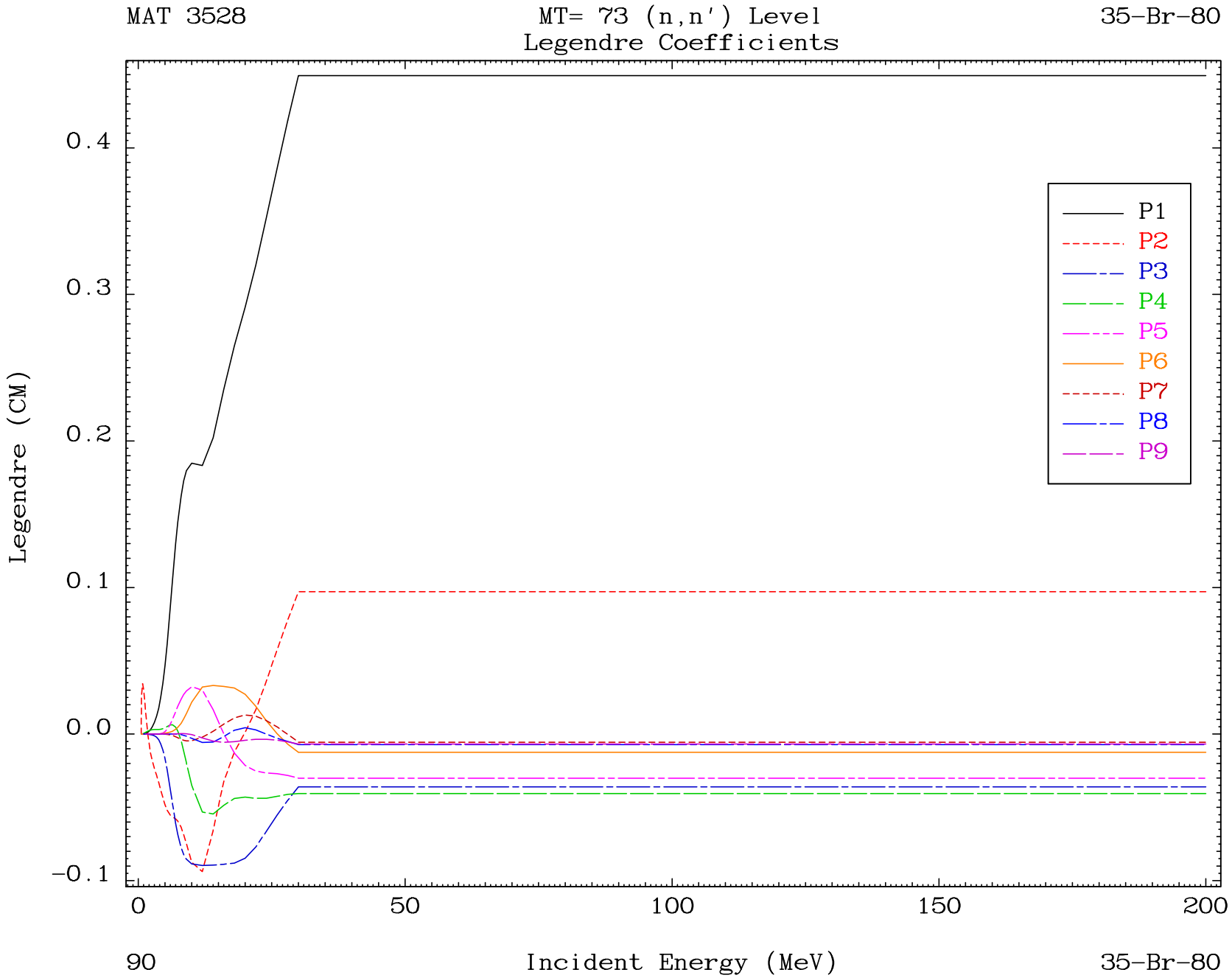

MAT 3528
MT= 71 (n,n') Level
Legendre Coefficients
35-Br-80
0.15
0.10
0.05
0.00
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10
0
50
100
150
200
85
Incident Energy (MeV)
35-Br-80

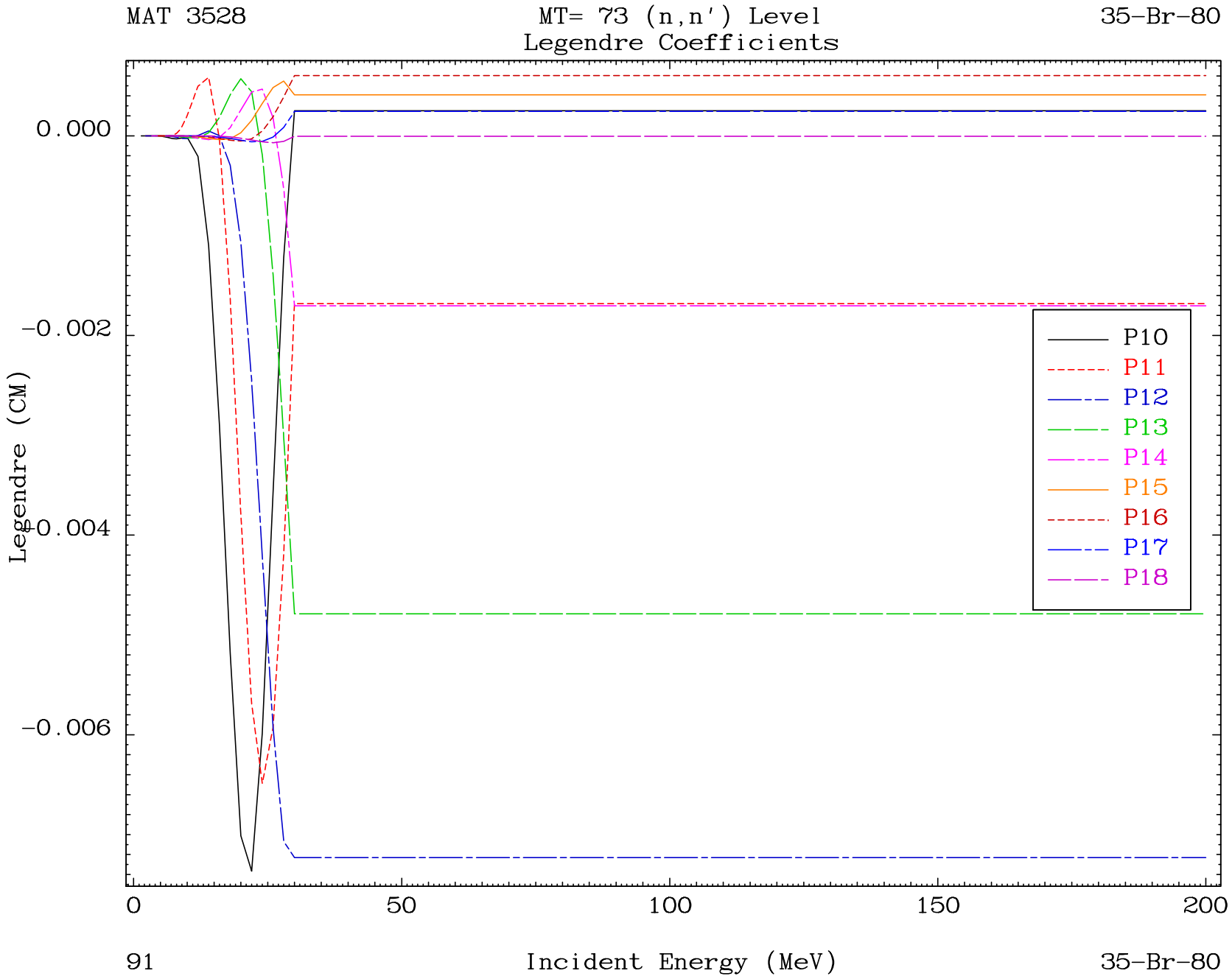

MAT 3528
MT= 71 (n,n') Level
Legendre Coefficients
35-Br-80
X10^-0
0.0
-0.5
-1.0
-1.5
-2.0
-2.5
Legendre (CM)
50
100
150
200
86
Incident Energy (MeV)
35-Br-80
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20

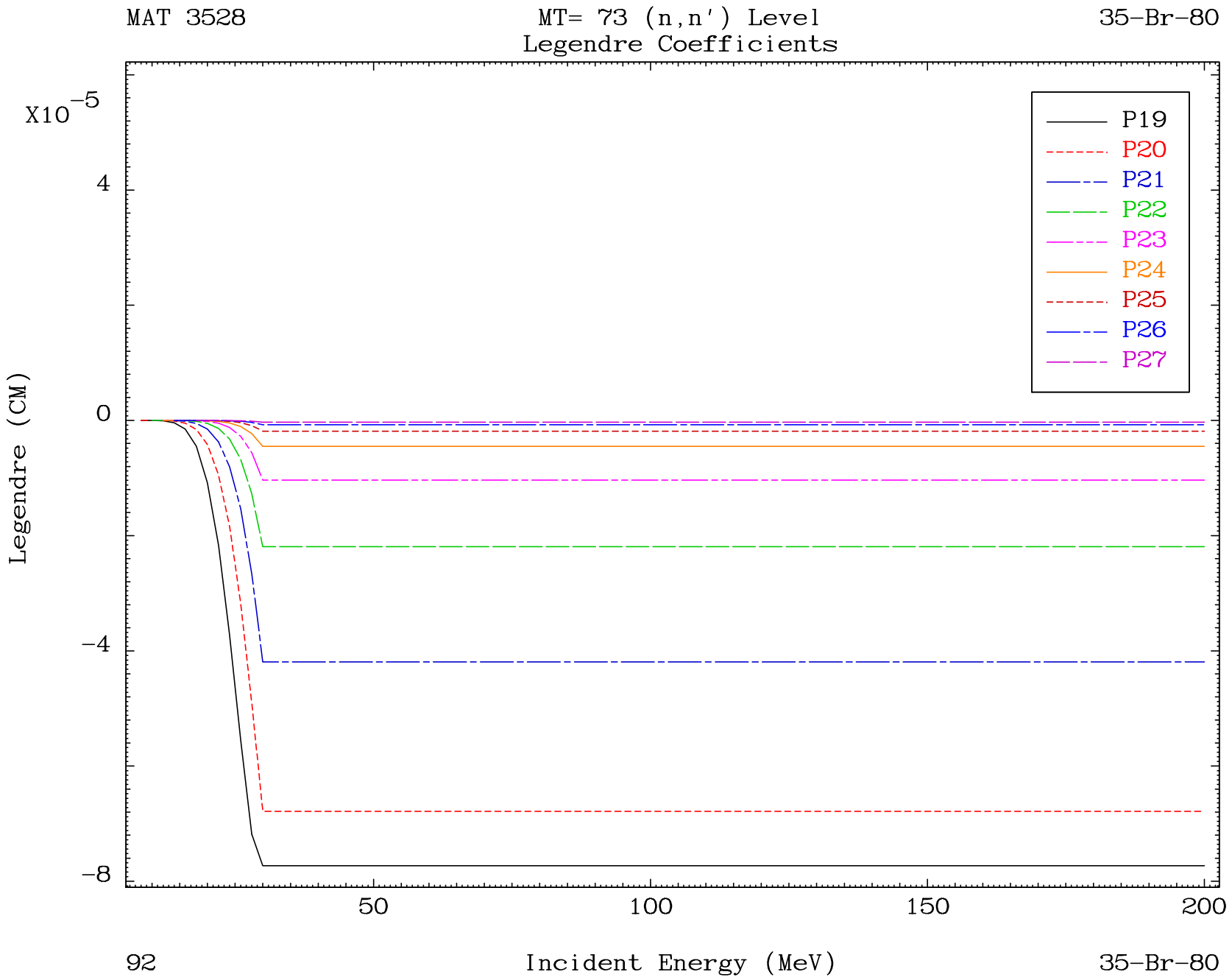

MAT 3528
MT= 72 (n,n') Level
Legendre Coefficients
35-Br-80
0.06
0.04
0.02
0.00
-0.02
Legendre (CM)
0
50
100
150
200
87
Incident Energy (MeV)
35-Br-80
P1
P2
P3
P4
P5
P6
P7
P8

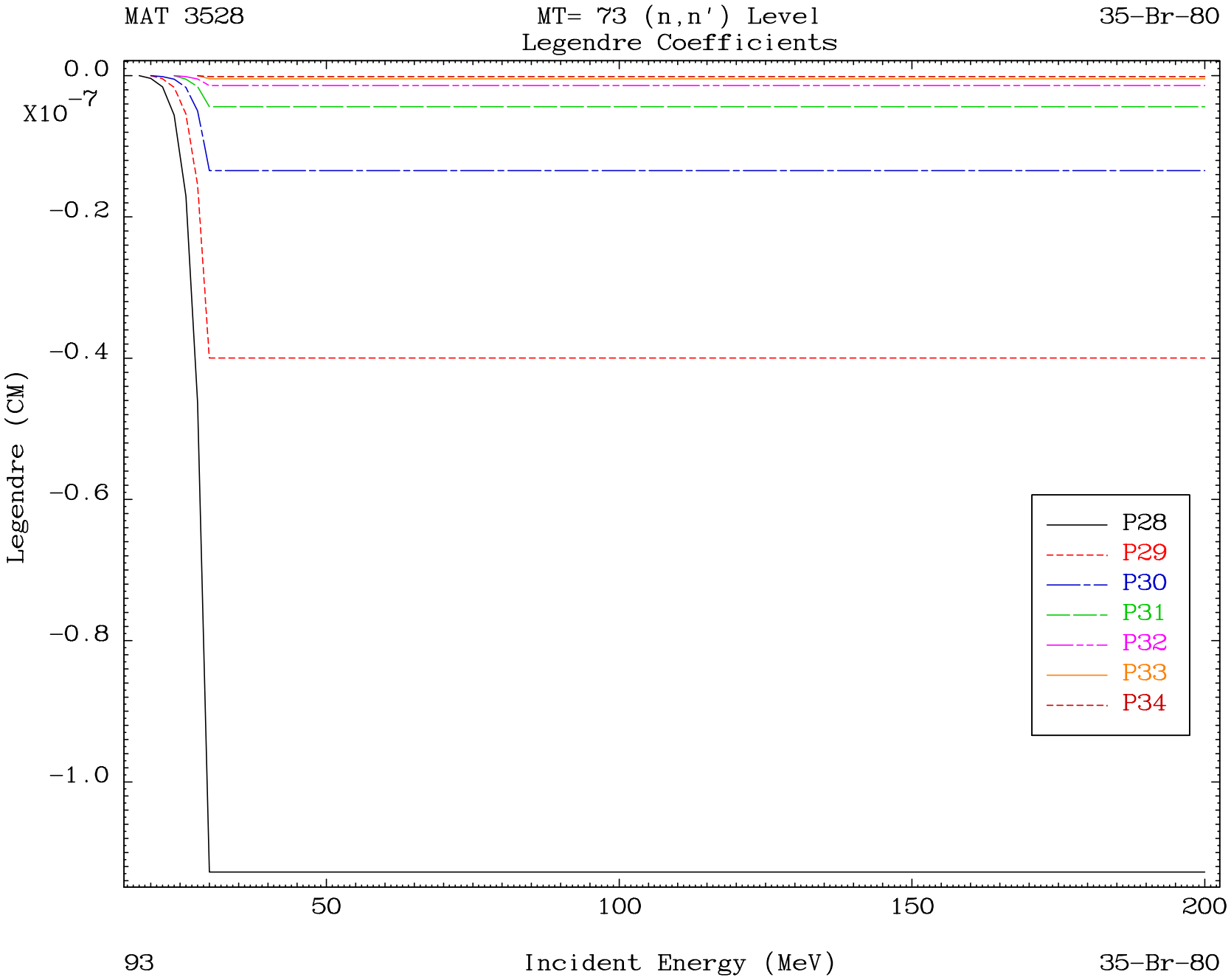

MAT 3528
MT= 72 (n,n') Level
Legendre Coefficients
35-Br-80
X10-4
3
2
1
0
Legendre (CM)
0
50
100
150
200
88
Incident Energy (MeV)
35-Br-80
P9
P10
P11
P12
P13
P14
P15
P16

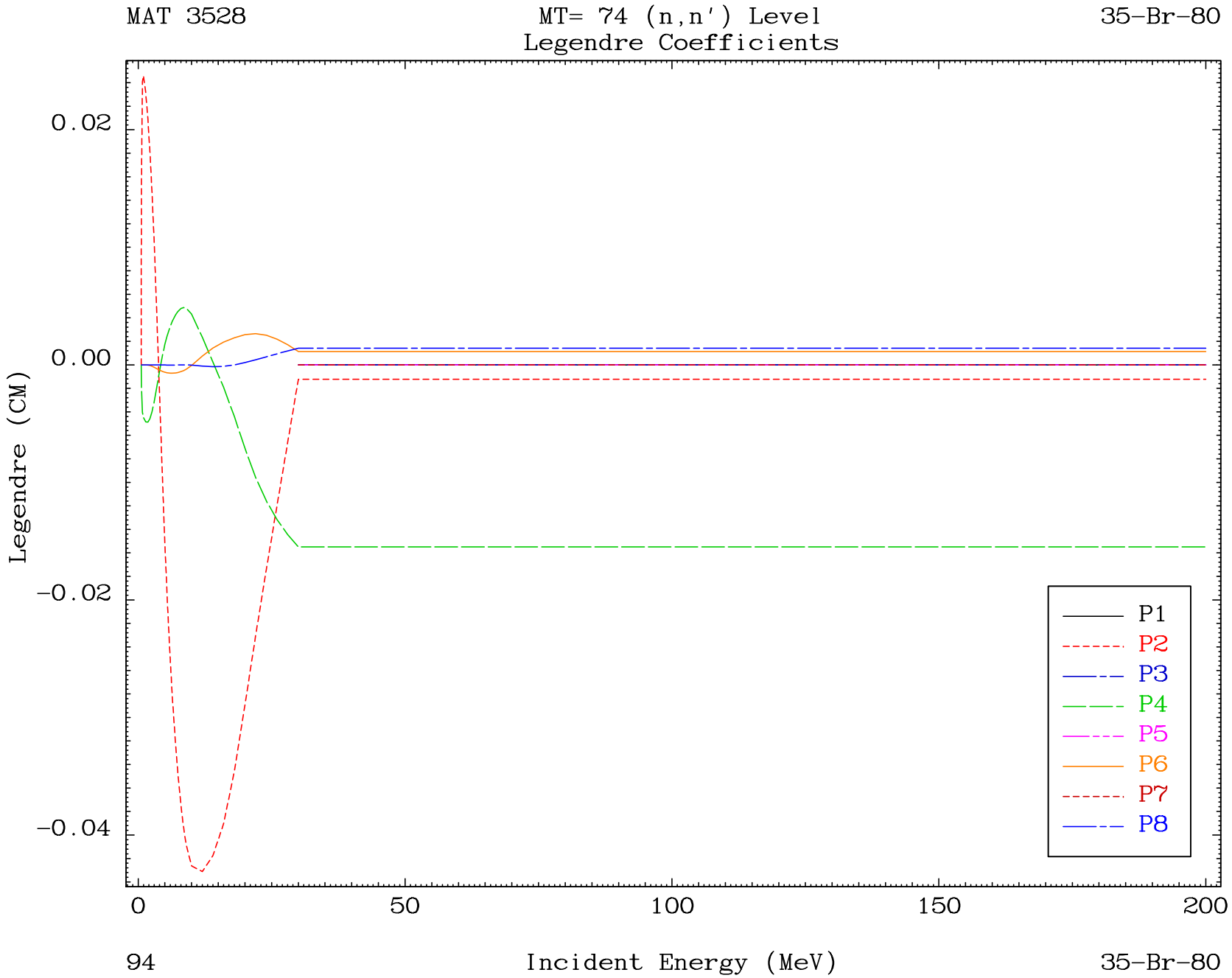

MAT 3528
MT= 72 (n,n') Level
Legendre Coefficients
35-Br-80
X10-7
8
6
4
2
0
Legendre (CM)
P17
P18
P19
P20
P21
P22
P23
P24
50
100
150
200
89
Incident Energy (MeV)
35-Br-80

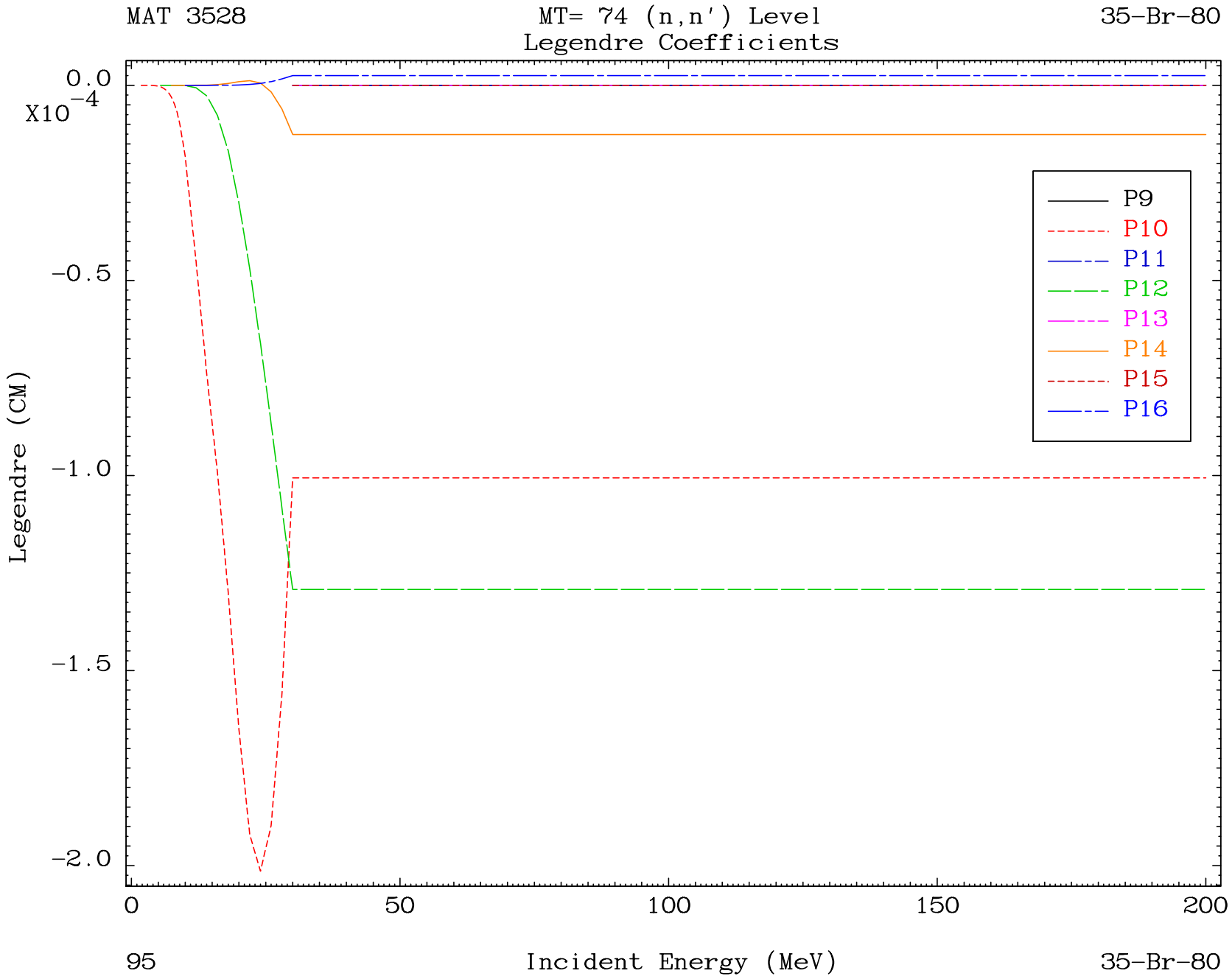

MAT 3528
MT= 73 (n,n') Level
Legendre Coefficients
35-Br-80
Legendre (CM)
0.4
0.3
0.2
0.1
0.0
-0.1
0
50
100
150
200
P1
P2
P3
P4
P5
P6
P7
P8
P9
90
Incident Energy (MeV)
35-Br-80

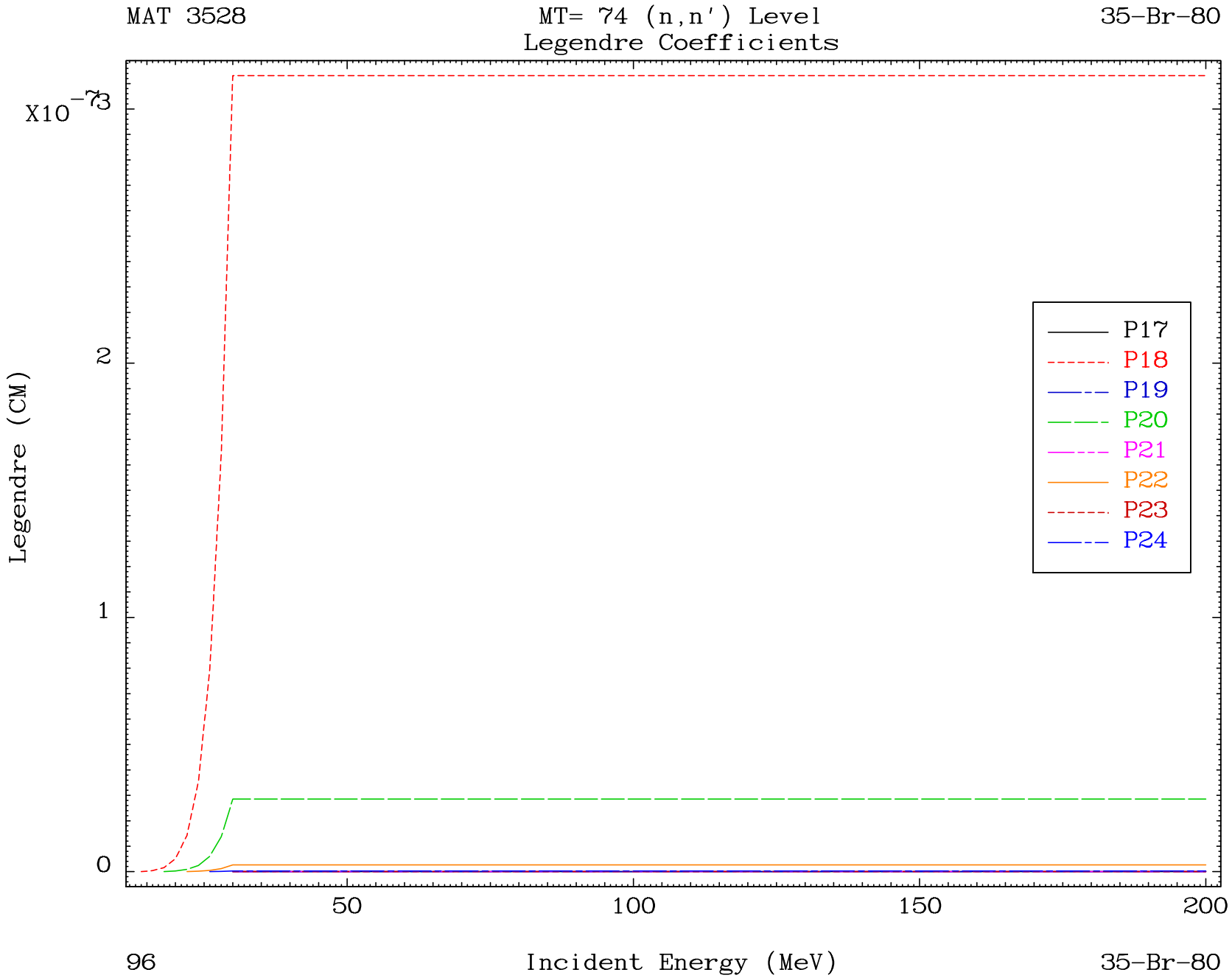

MAT 3528
MT= 73 (n,n') Level
Legendre Coefficients
35-Br-80
0.000
-0.002
-0.004
-0.006
Legendre (CM)
P10
P11
P12
P13
P14
P15
P16
P17
P18
0
50
100
150
200
91
Incident Energy (MeV)
35-Br-80

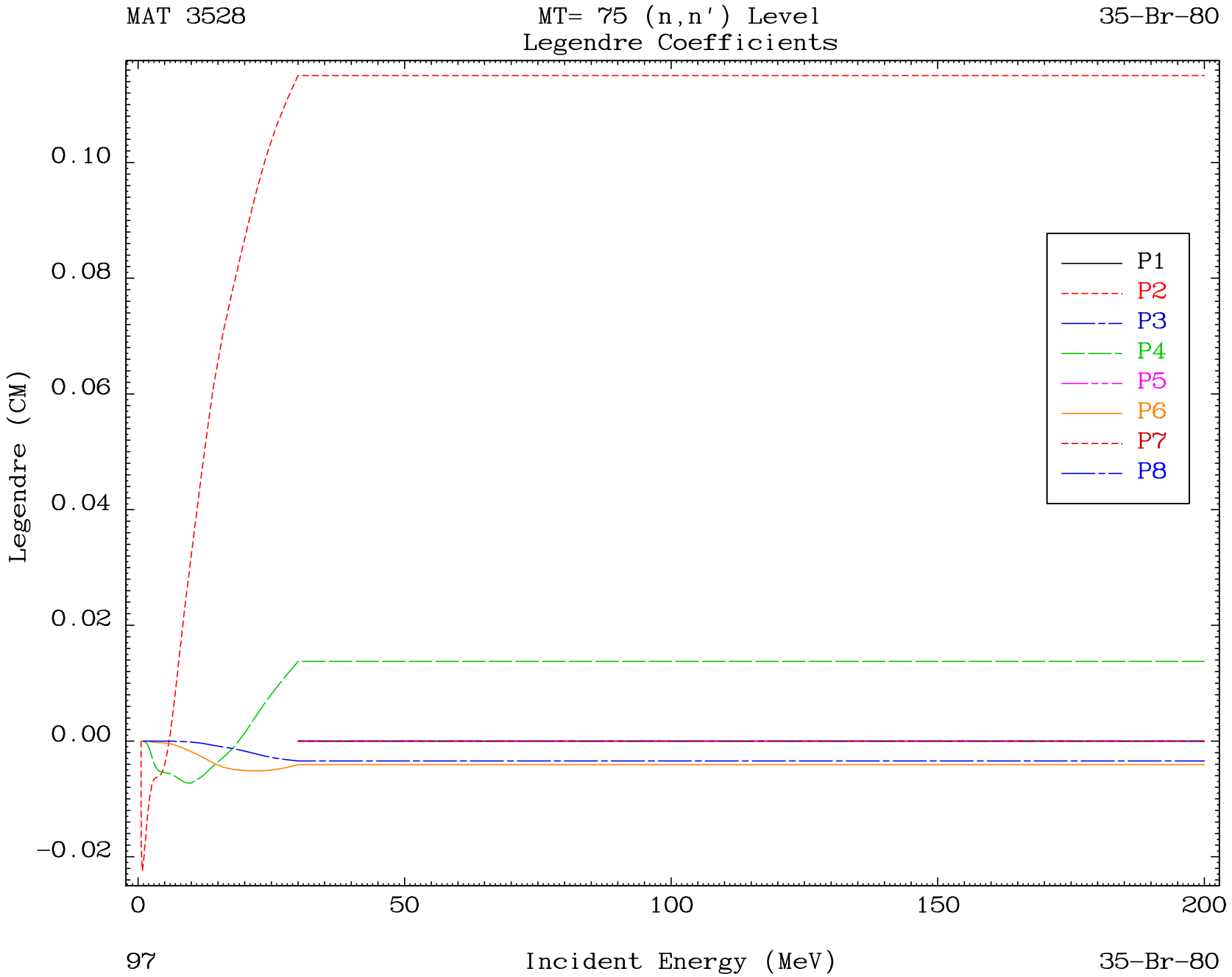

MAT 3528
MT= 73 (n,n') Level
Legendre Coefficients
35-Br-80
X10-5
4
0
-4
-8
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
P27
50
100
150
200
92
Incident Energy (MeV)
35-Br-80

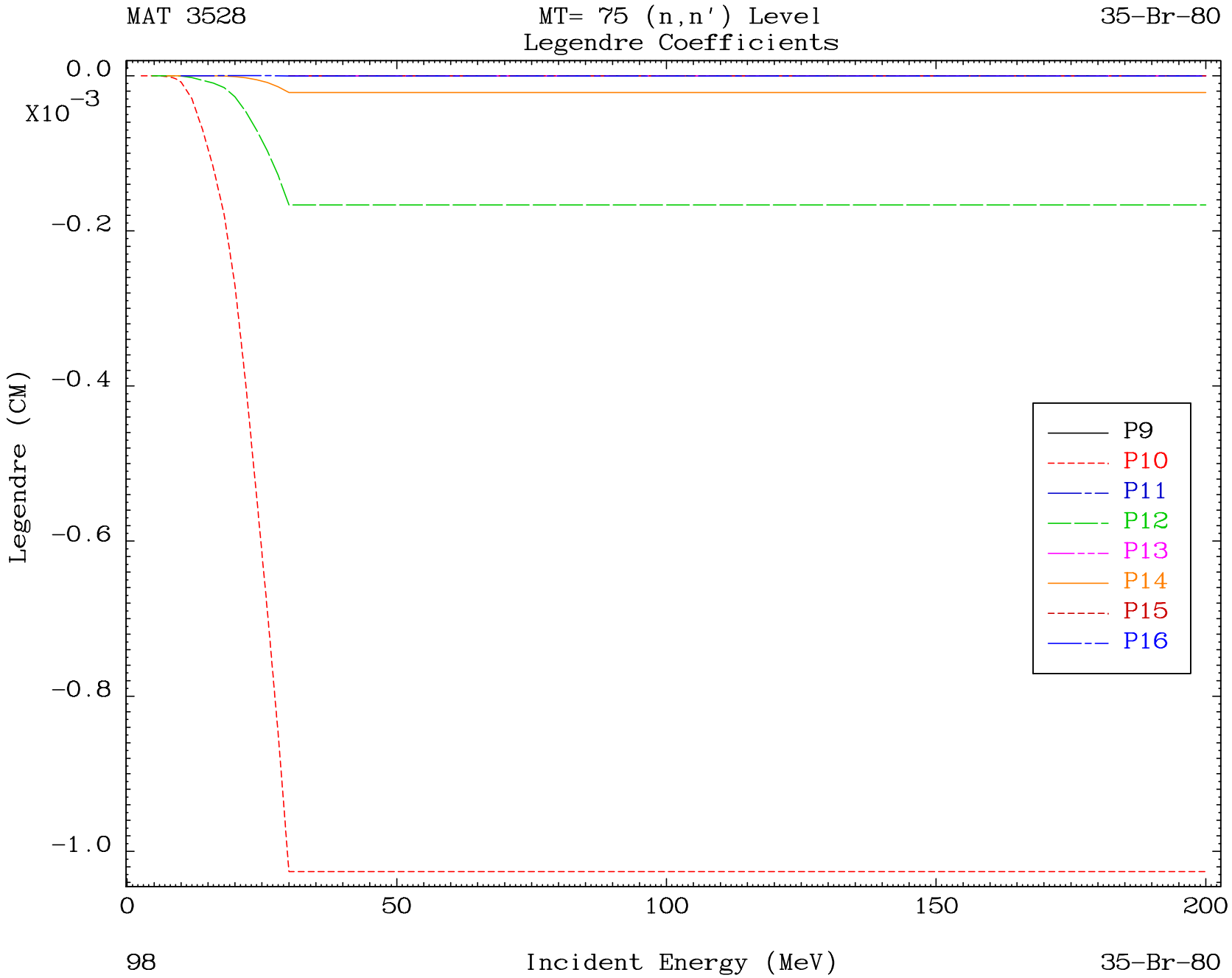

MAT 3528
MT= 73 (n,n') Level
Legendre Coefficients
35-Br-80
0.0
X10^-7
-0.2
-0.4
-0.6
-0.8
-1.0
Legendre (CM)
50
100
150
200
P28
P29
P30
P31
P32
P33
P34
93
Incident Energy (MeV)
35-Br-80

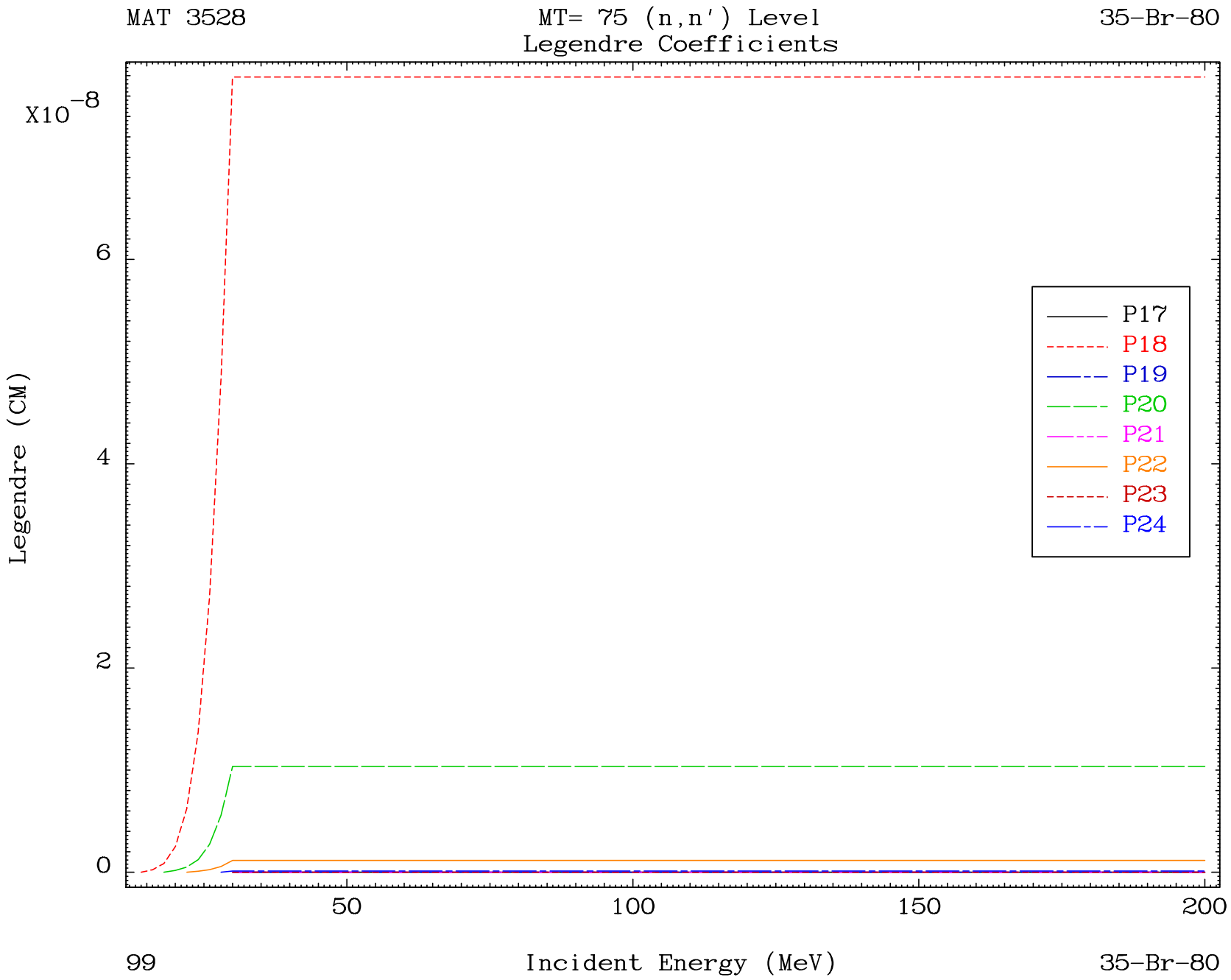

MAT 3528
MT= 74 (n,n') Level
Legendre Coefficients
35-Br-80
0.02
0.00
-0.02
-0.04
Legendre (CM)
0
50
100
150
200
94
Incident Energy (MeV)
35-Br-80
P1
P2
P3
P4
P5
P6
P7
P8

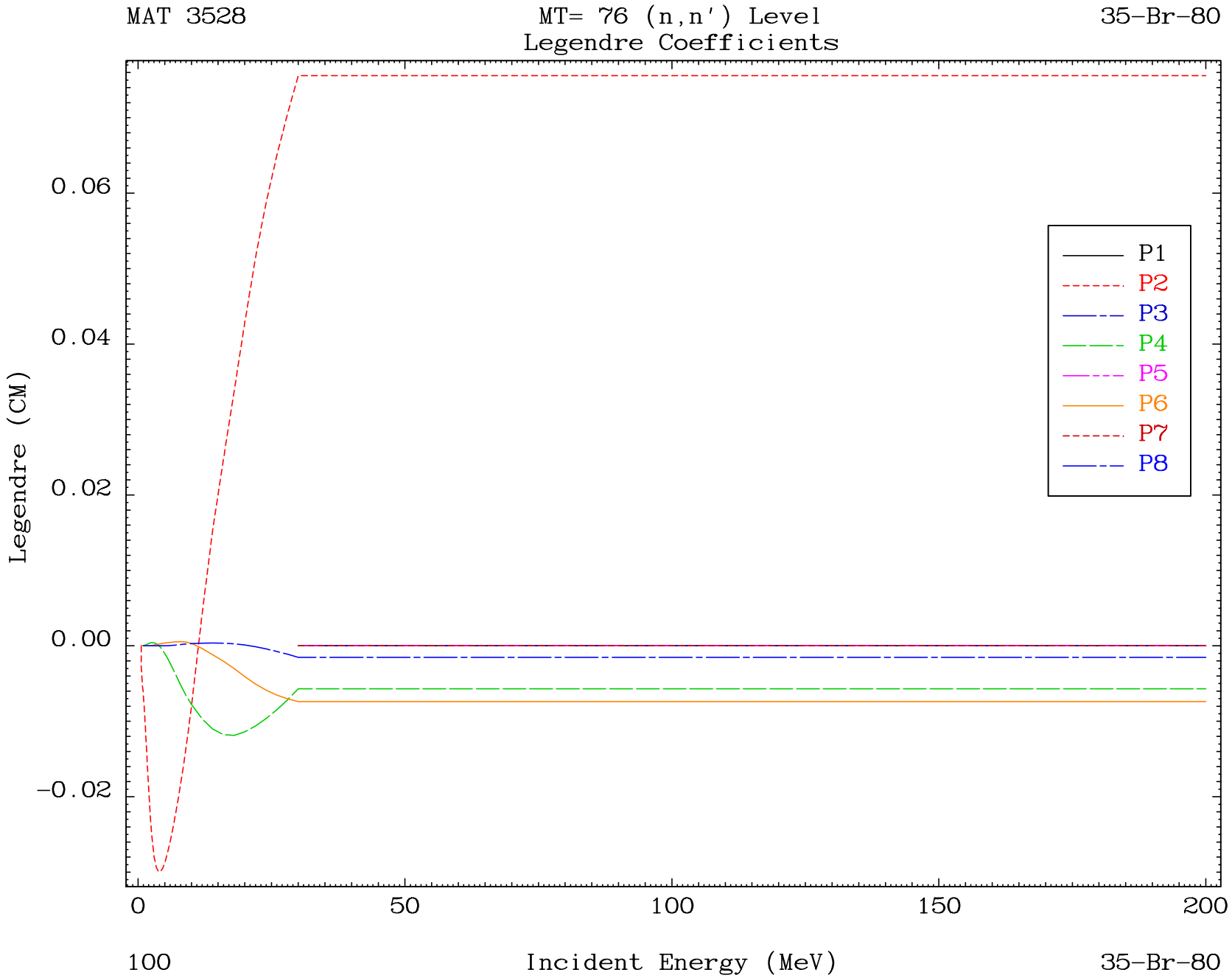

MAT 3528
MT= 74 (n,n') Level
Legendre Coefficients
35-Br-80
0.0
X10^-4
-0.5
-1.0
-1.5
-2.0
Legendre (CM)
P9
P10
P11
P12
P13
P14
P15
P16
0
50
100
150
200
95
Incident Energy (MeV)
35-Br-80

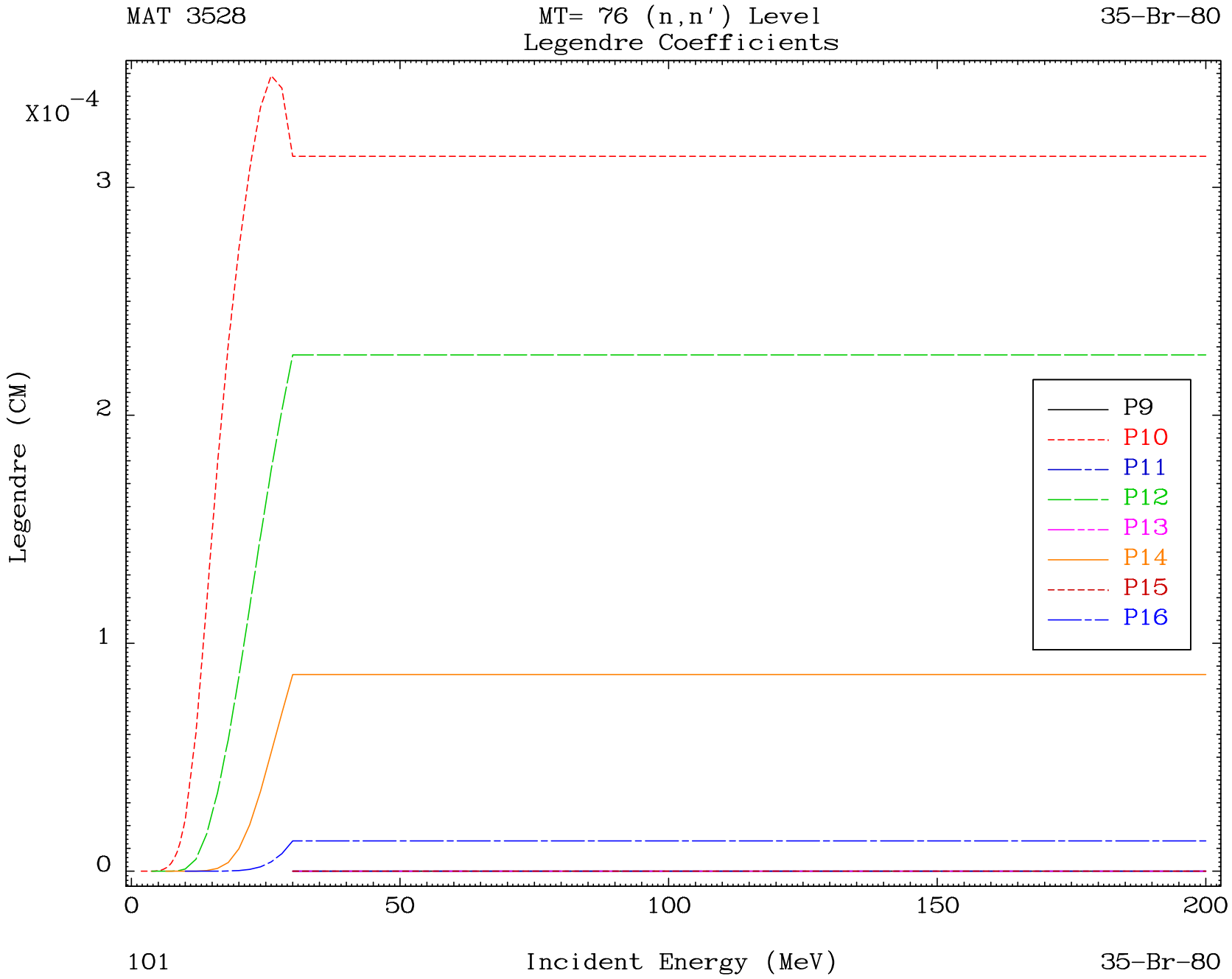

MAT 3528
MT= 74 (n,n') Level
Legendre Coefficients
35-Br-80
X10^-3
2
1
0
Legendre (CM)
P17
P18
P19
P20
P21
P22
P23
P24
50
100
150
200
96
Incident Energy (MeV)
35-Br-80

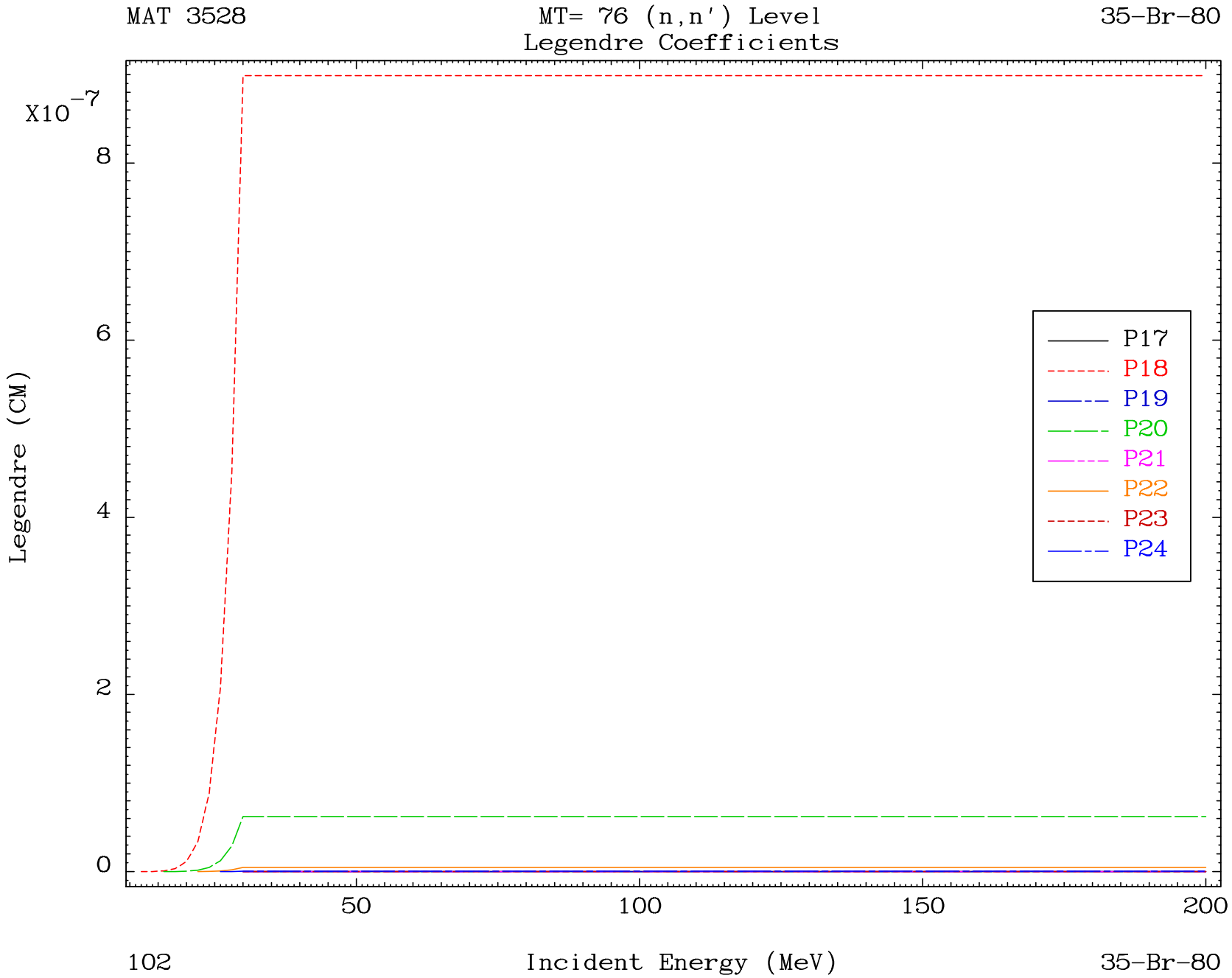

MAT 3528
MT= 75 (n,n') Level
Legendre Coefficients
35-Br-80
0.10
0.08
0.06
0.04
0.02
0.00
-0.02
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
0
50
100
150
200
97
Incident Energy (MeV)
35-Br-80

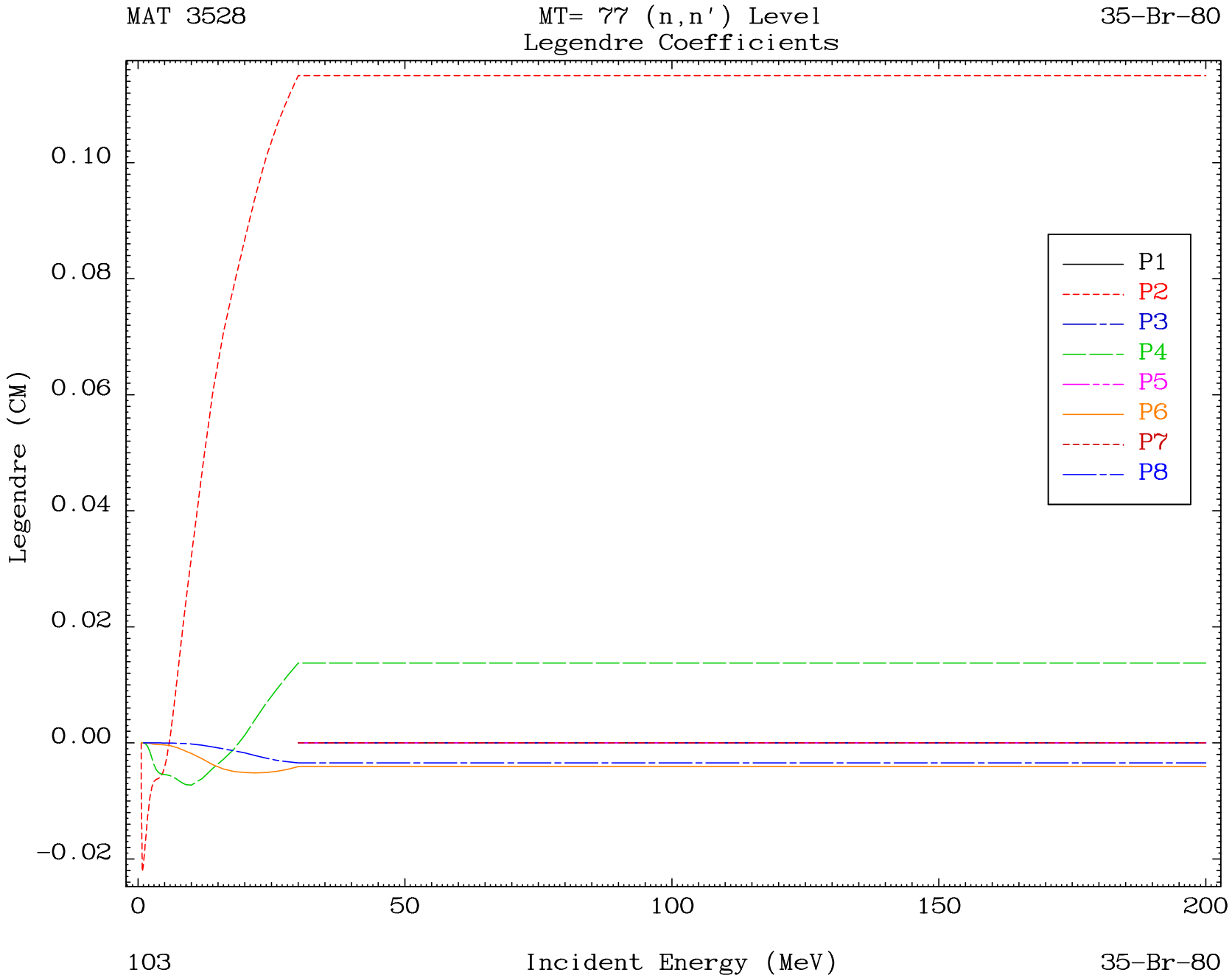

MAT 3528
MT= 75 (n,n') Level
Legendre Coefficients
35-Br-80
0.0
X10^-3
-0.2
-0.4
-0.6
-0.8
-1.0
Legendre (CM)
0
50
100
150
200
98
Incident Energy (MeV)
35-Br-80
P9
P10
P11
P12
P13
P14
P15
P16

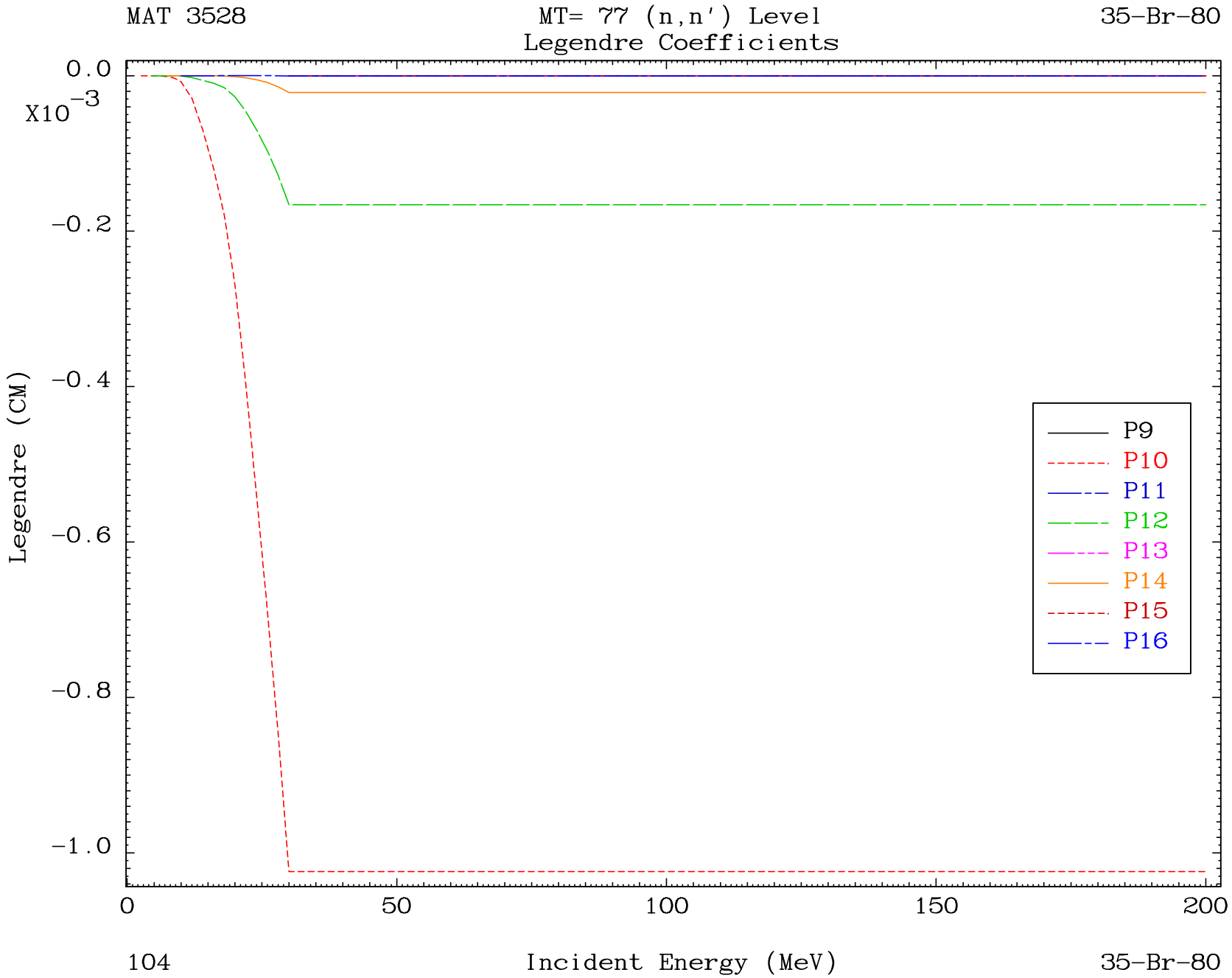

MAT 3528
MT= 75 (n,n') Level
Legendre Coefficients
35-Br-80
X10-8
6
4
2
0
Legendre (CM)
50
100
150
200
99
Incident Energy (MeV)
35-Br-80
P17
P18
P19
P20
P21
P22
P23
P24

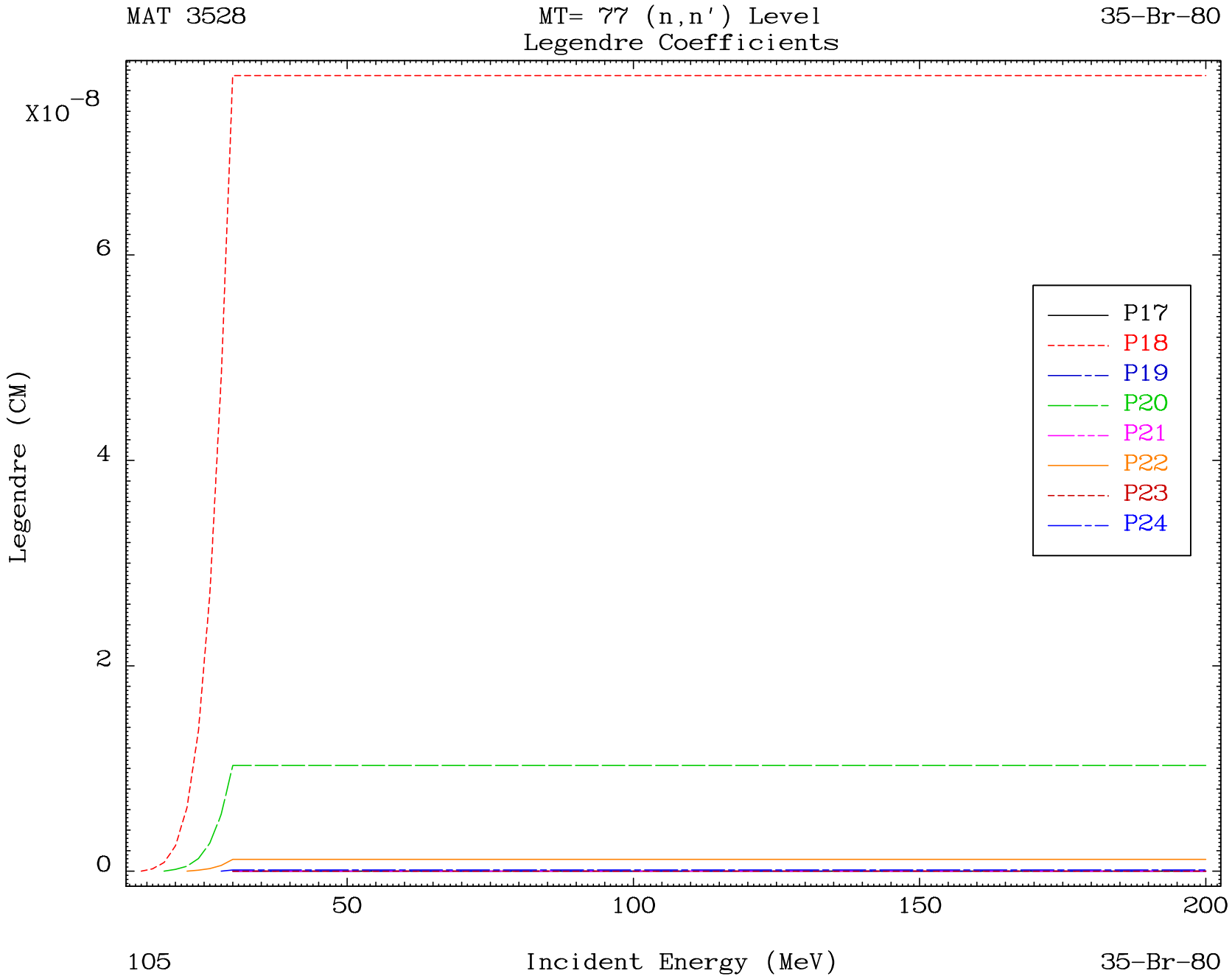

MAT 3528
MT= 76 (n,n') Level
Legendre Coefficients
35-Br-80
0.06
0.04
0.02
0.00
-0.02
Legendre (CM)
0
50
100
150
200
100
Incident Energy (MeV)
35-Br-80
P1
P2
P3
P4
P5
P6
P7
P8

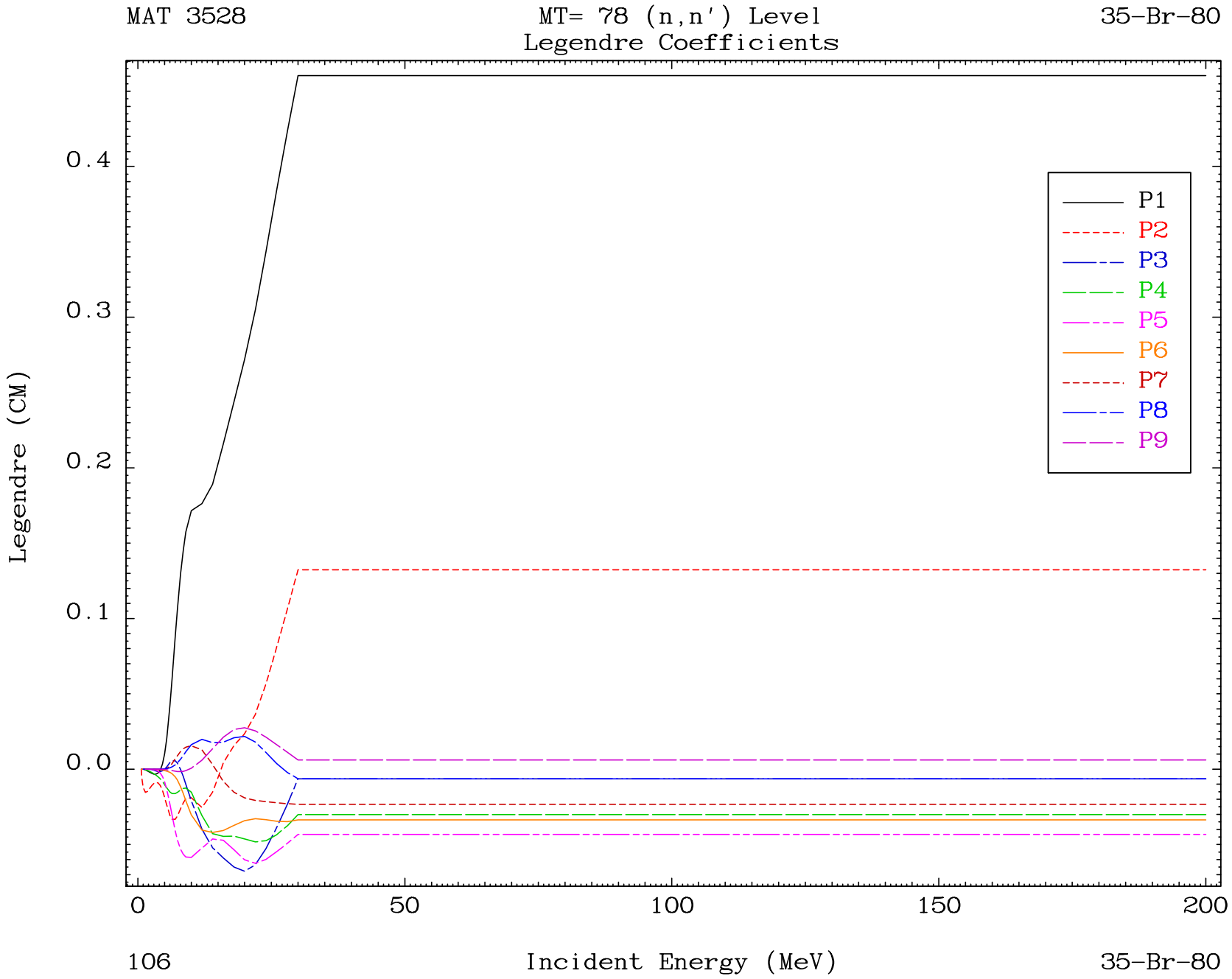

MAT 3528
MT= 76 (n,n') Level
Legendre Coefficients
35-Br-80
X10^-4
3
2
1
0
Legendre (CM)
P9
P10
P11
P12
P13
P14
P15
P16
0
50
100
150
200
101
Incident Energy (MeV)
35-Br-80

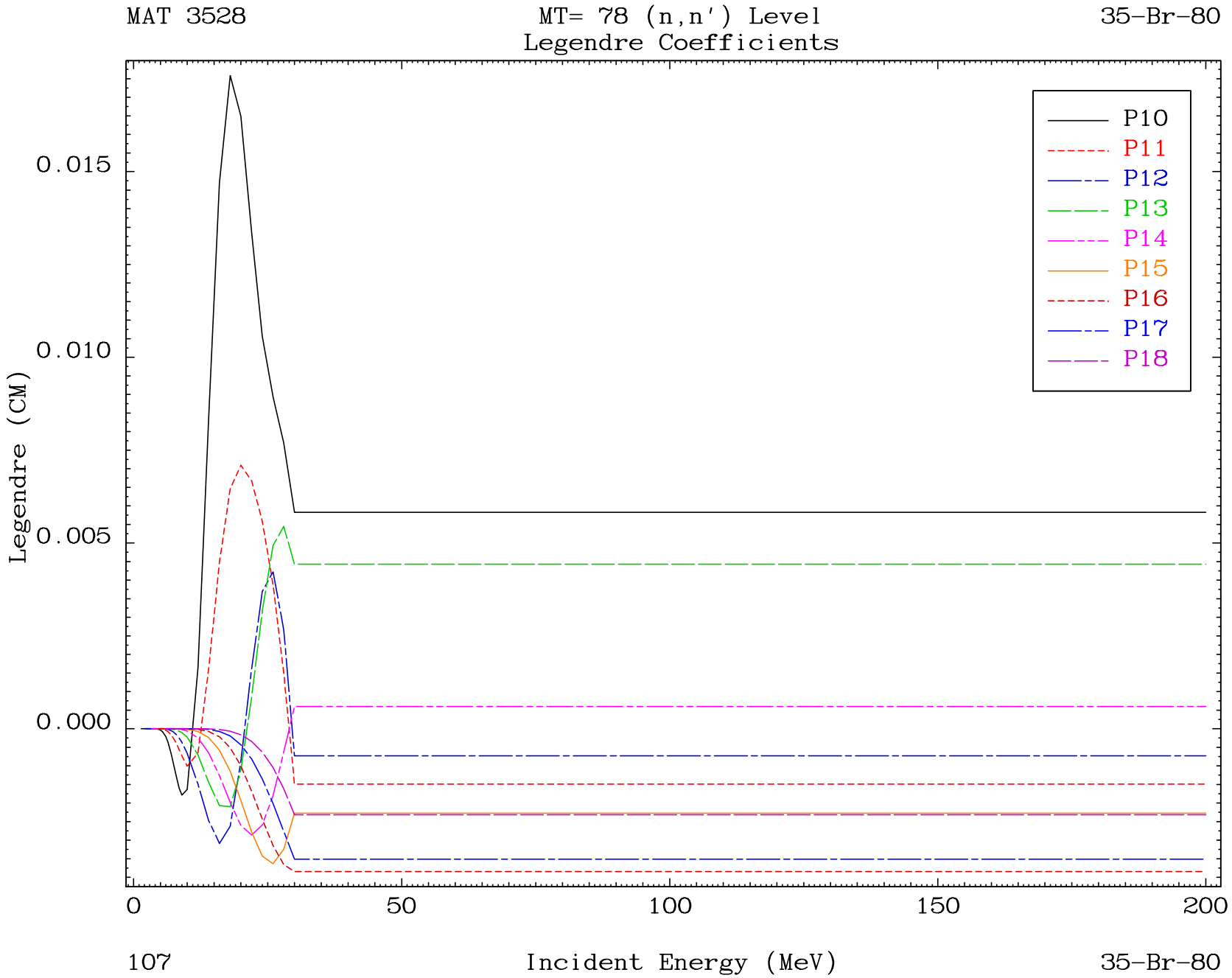

MAT 3528
MT= 76 (n,n') Level
Legendre Coefficients
35-Br-80
X10-7
8
6
4
2
0
Legendre (CM)
P17
P18
P19
P20
P21
P22
P23
P24
50
100
150
200
102
Incident Energy (MeV)
35-Br-80

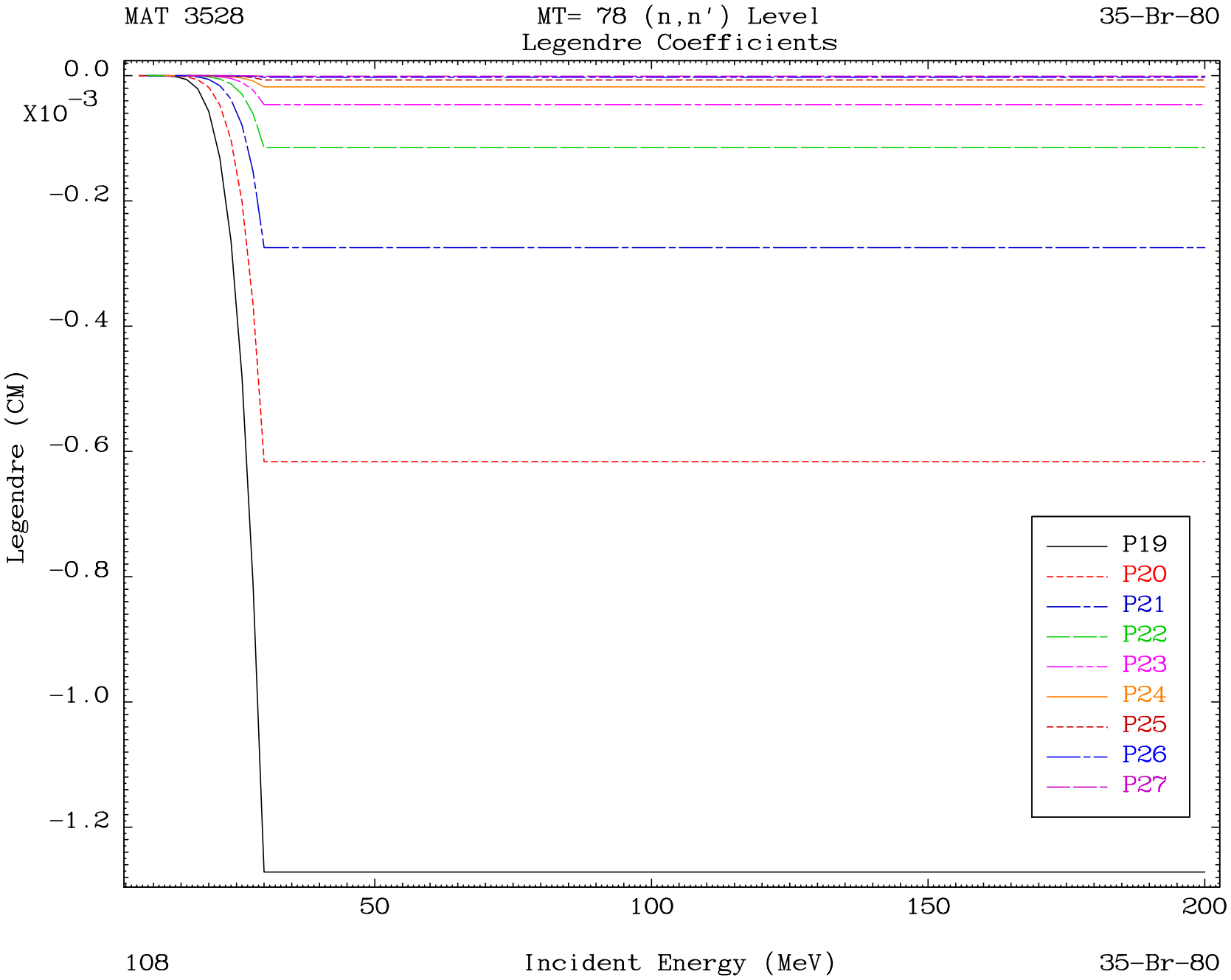

MAT 3528
MT= 77 (n,n') Level
Legendre Coefficients
35-Br-80
0.10
0.08
0.06
0.04
0.02
0.00
-0.02
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
0
50
100
150
200
103
Incident Energy (MeV)
35-Br-80

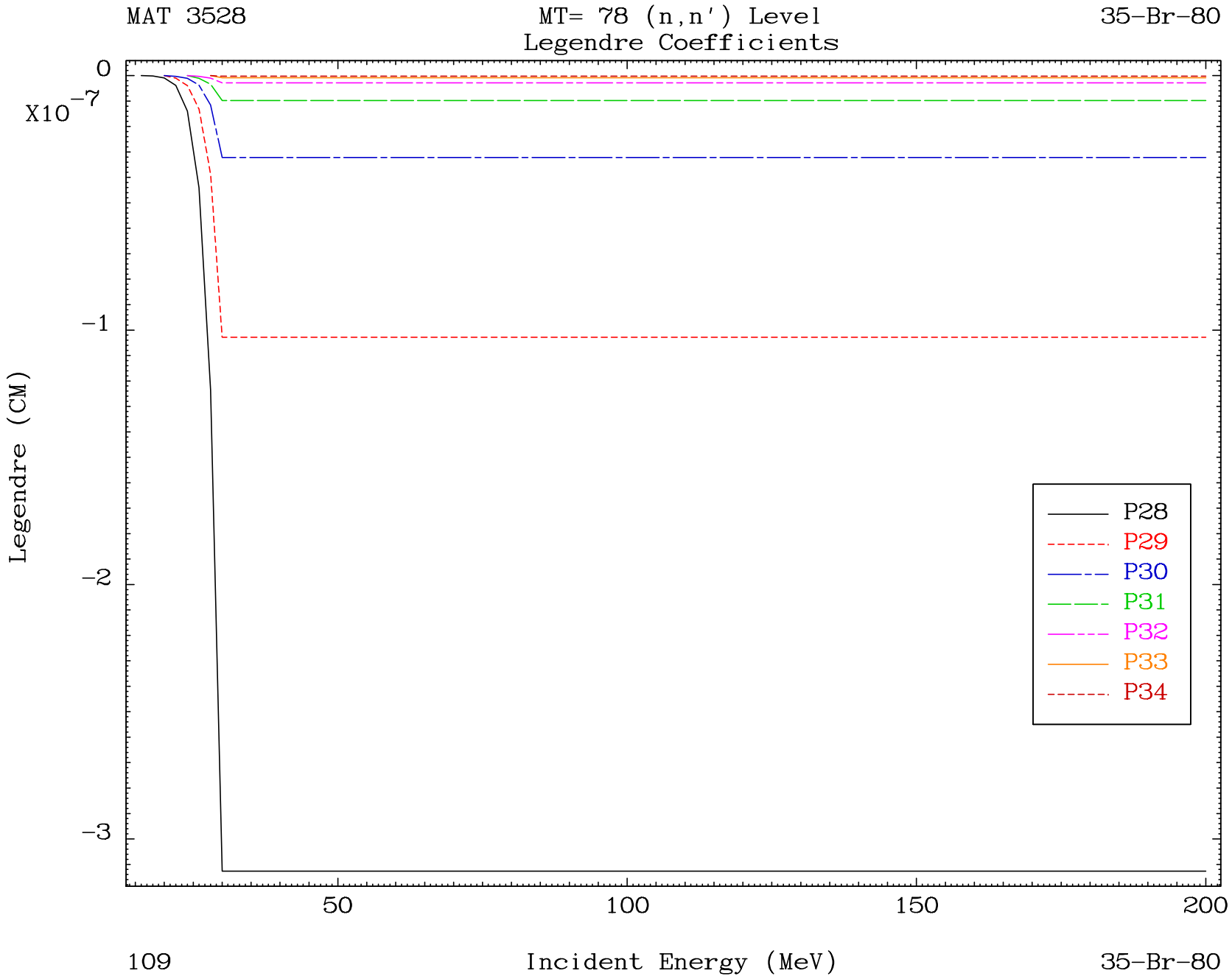

MAT 3528
MT= 77 (n,n') Level
Legendre Coefficients
35-Br-80
0.0
X10-3
-0.2
-0.4
-0.6
-0.8
-1.0
Legendre (CM)
0
50
100
150
200
P9
P10
P11
P12
P13
P14
P15
P16
104
Incident Energy (MeV)
35-Br-80

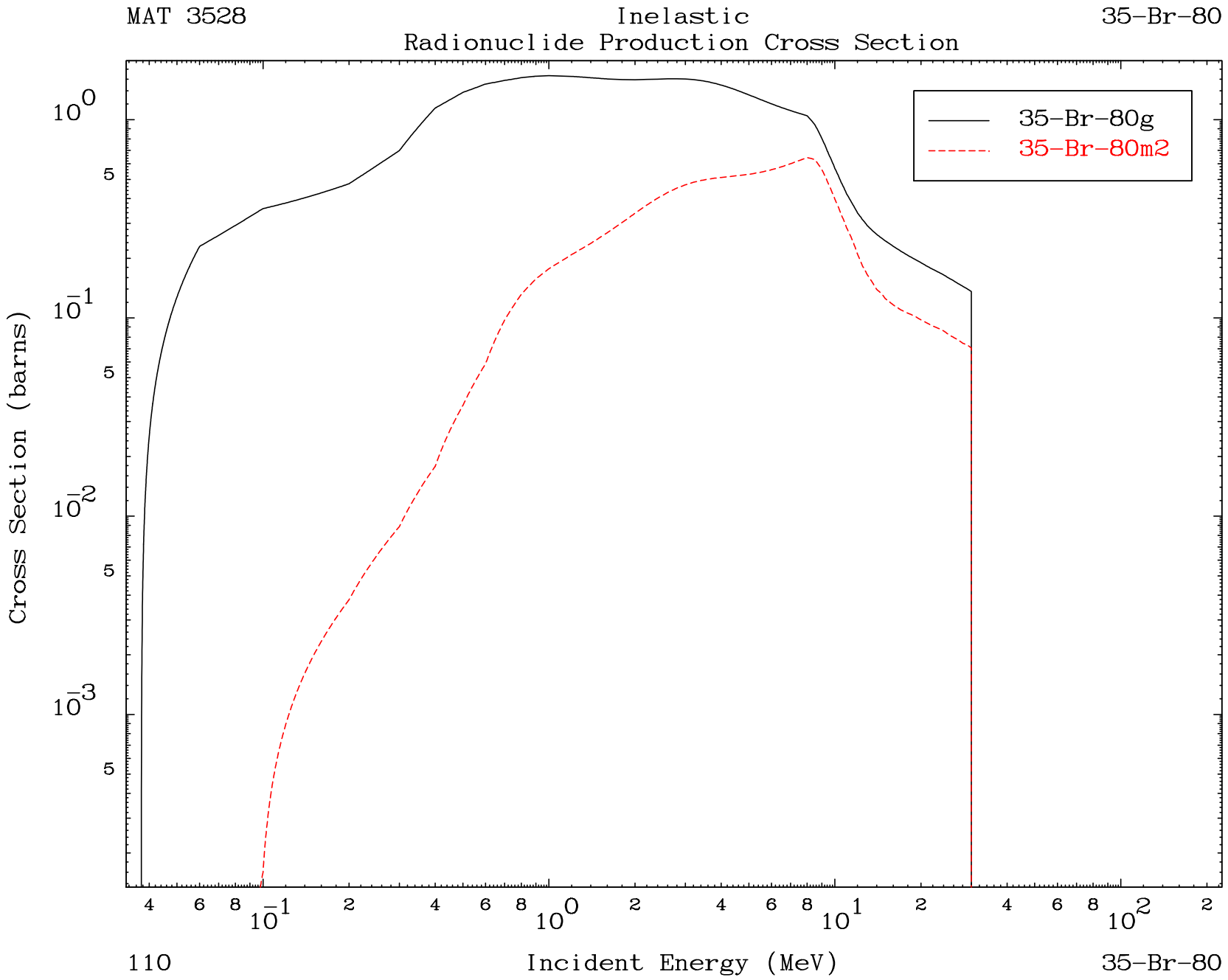

MAT 3528
MT= 77 (n,n') Level
Legendre Coefficients
35-Br-80
X10-8
6
4
2
0
Legendre (CM)
P17
P18
P19
P20
P21
P22
P23
P24
50
100
150
200
105
Incident Energy (MeV)
35-Br-80

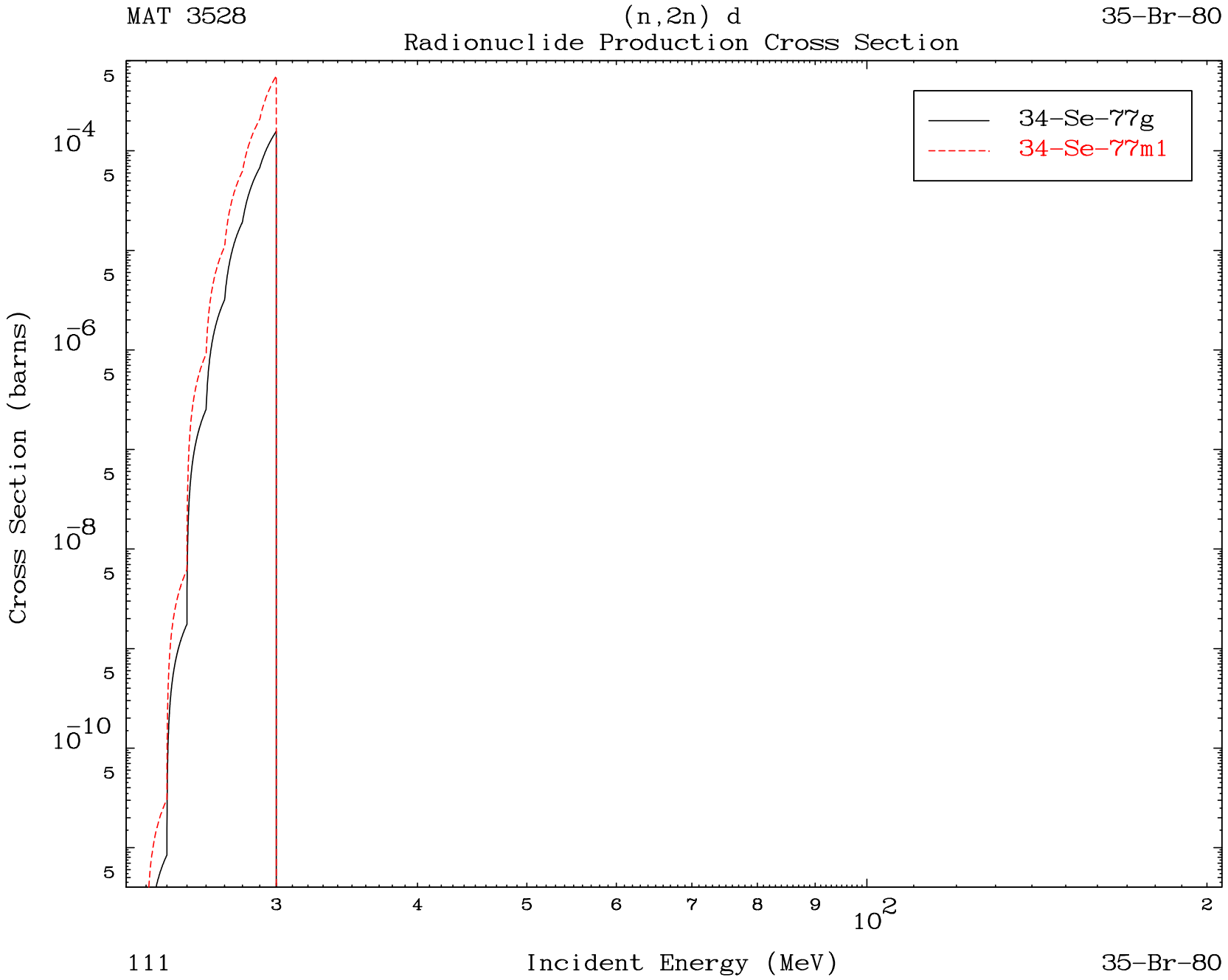

MAT 3528
MT= 78 (n,n') Level
Legendre Coefficients
35-Br-80
Legendre (CM)
0.4
0.3
0.2
0.1
0.0
0
50
100
150
200
P1
P2
P3
P4
P5
P6
P7
P8
P9
106
Incident Energy (MeV)
35-Br-80

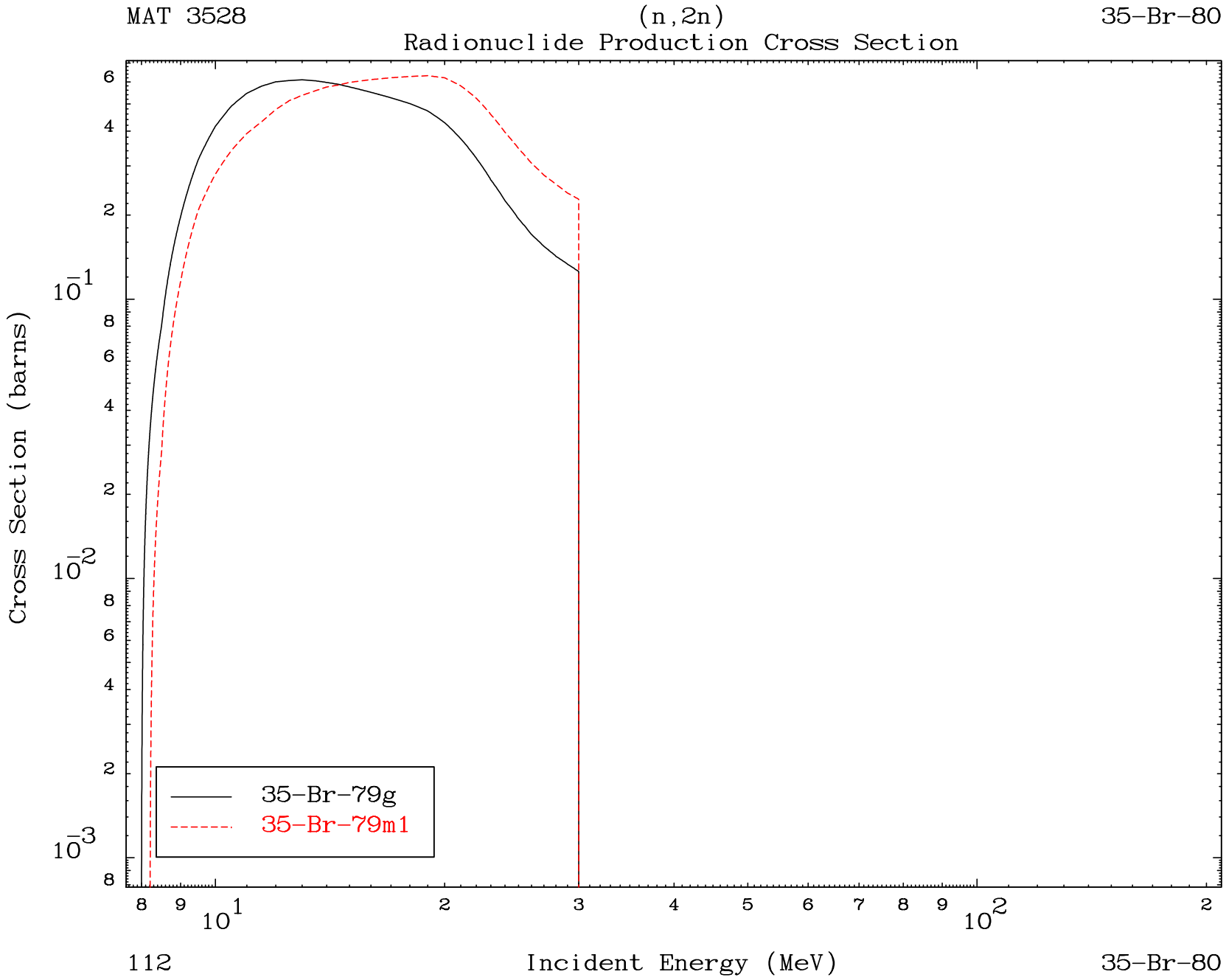

MAT 3528
MT= 78 (n,n') Level
Legendre Coefficients
35-Br-80
P10
P11
P12
P13
P14
P15
P16
P17
P18
0.015
0.010
0.005
0.000
Legendre (CM)
0
50
100
150
200
107
Incident Energy (MeV)
35-Br-80

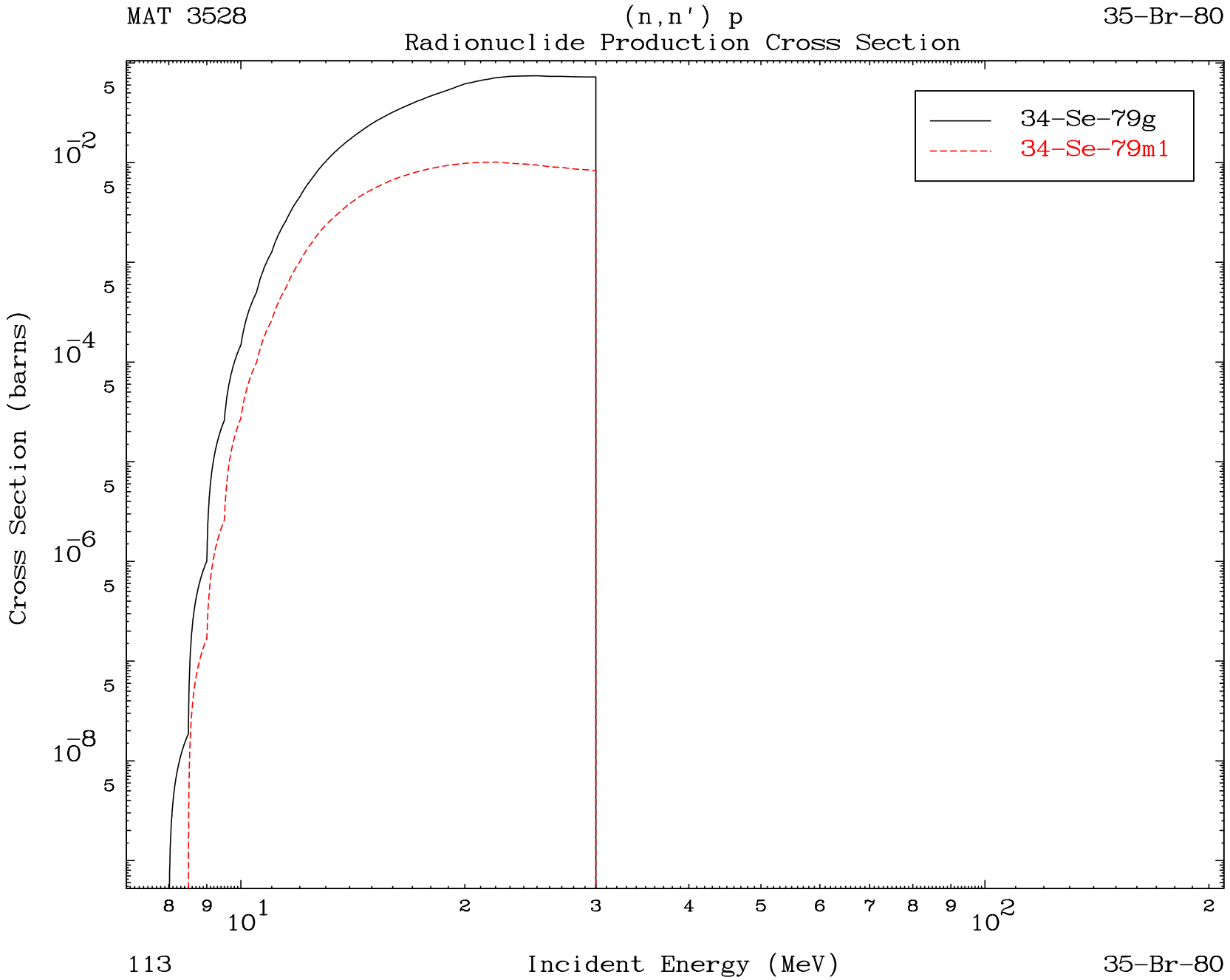

MAT 3528
MT= 78 (n,n') Level
Legendre Coefficients
35-Br-80
0.0
X10^-3
-0.2
-0.4
-0.6
-0.8
-1.0
-1.2
Legendre (CM)
50
100
150
200
108
Incident Energy (MeV)
35-Br-80
P19
P20
P21
P22
P23
P24
P25
P26
P27

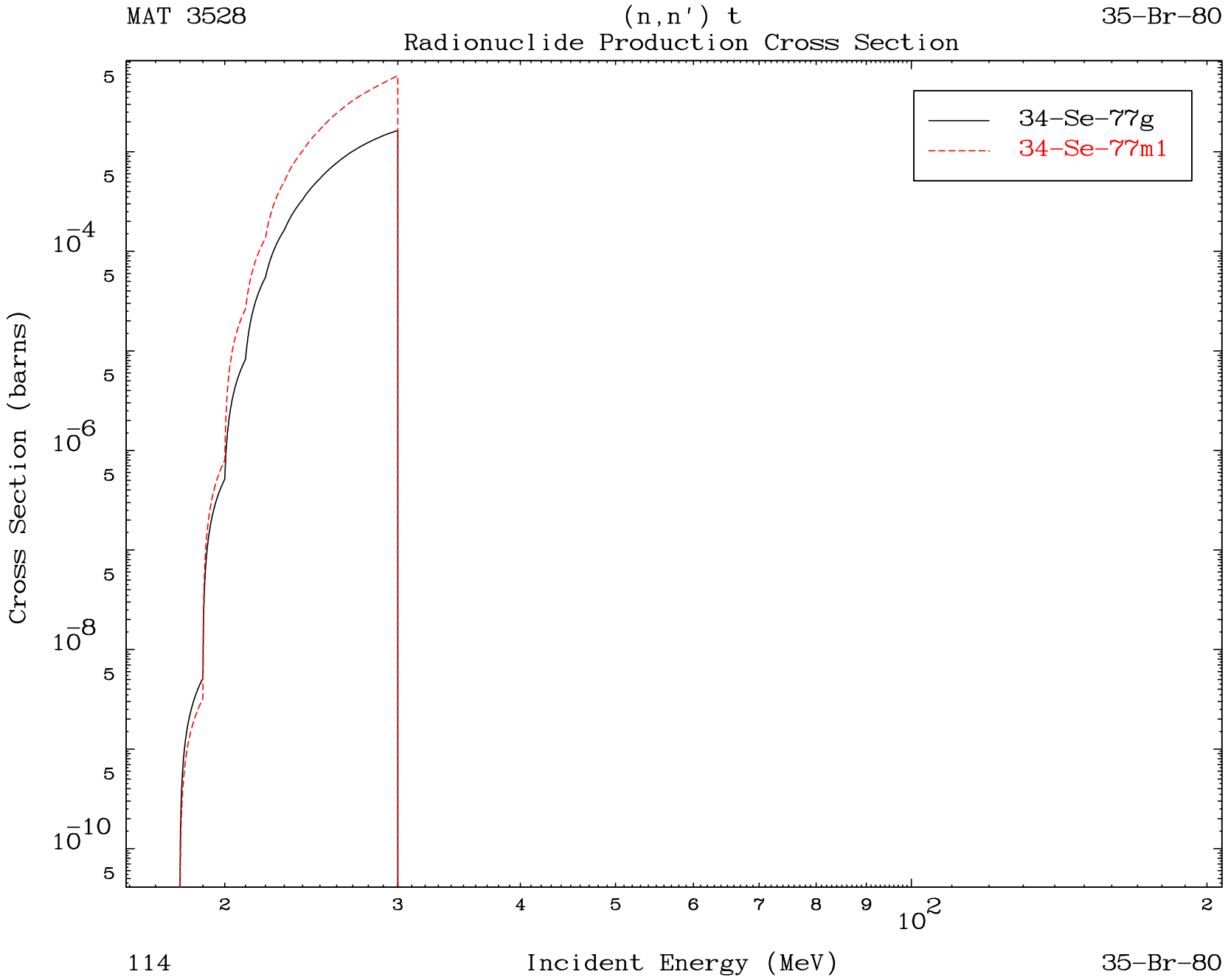

MAT 3528
MT= 78 (n,n') Level
Legendre Coefficients
35-Br-80
0
X10-7
-1
-2
-3
Legendre (CM)
50
100
150
200
P28
P29
P30
P31
P32
P33
P34
109
Incident Energy (MeV)
35-Br-80

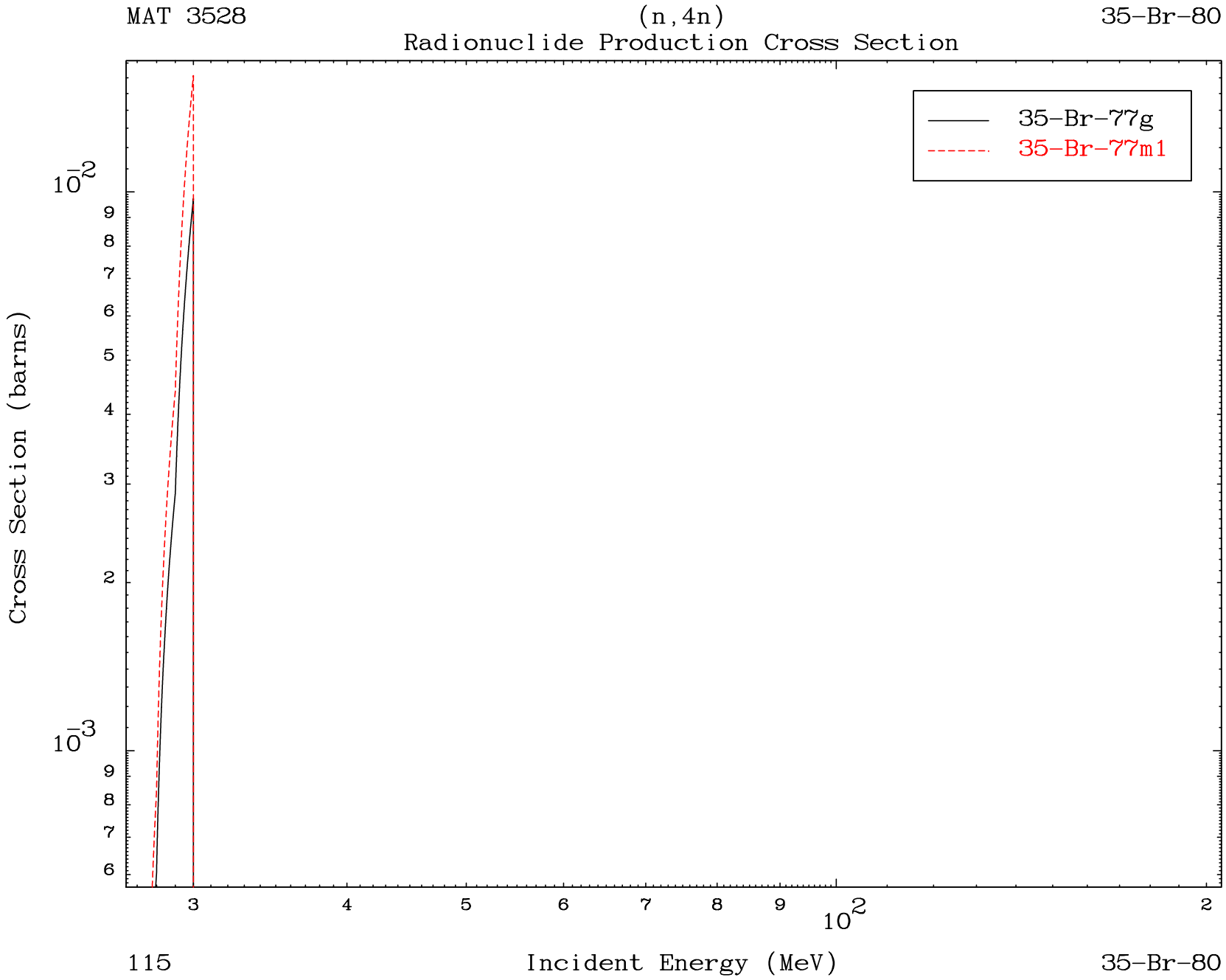

MAT 3528
Inelastic
Radionuclide Production Cross Section
35-Br-80
35-Br-80g
35-Br-80m2
Cross Section (barns)
Incident Energy (MeV)
110
35-Br-80

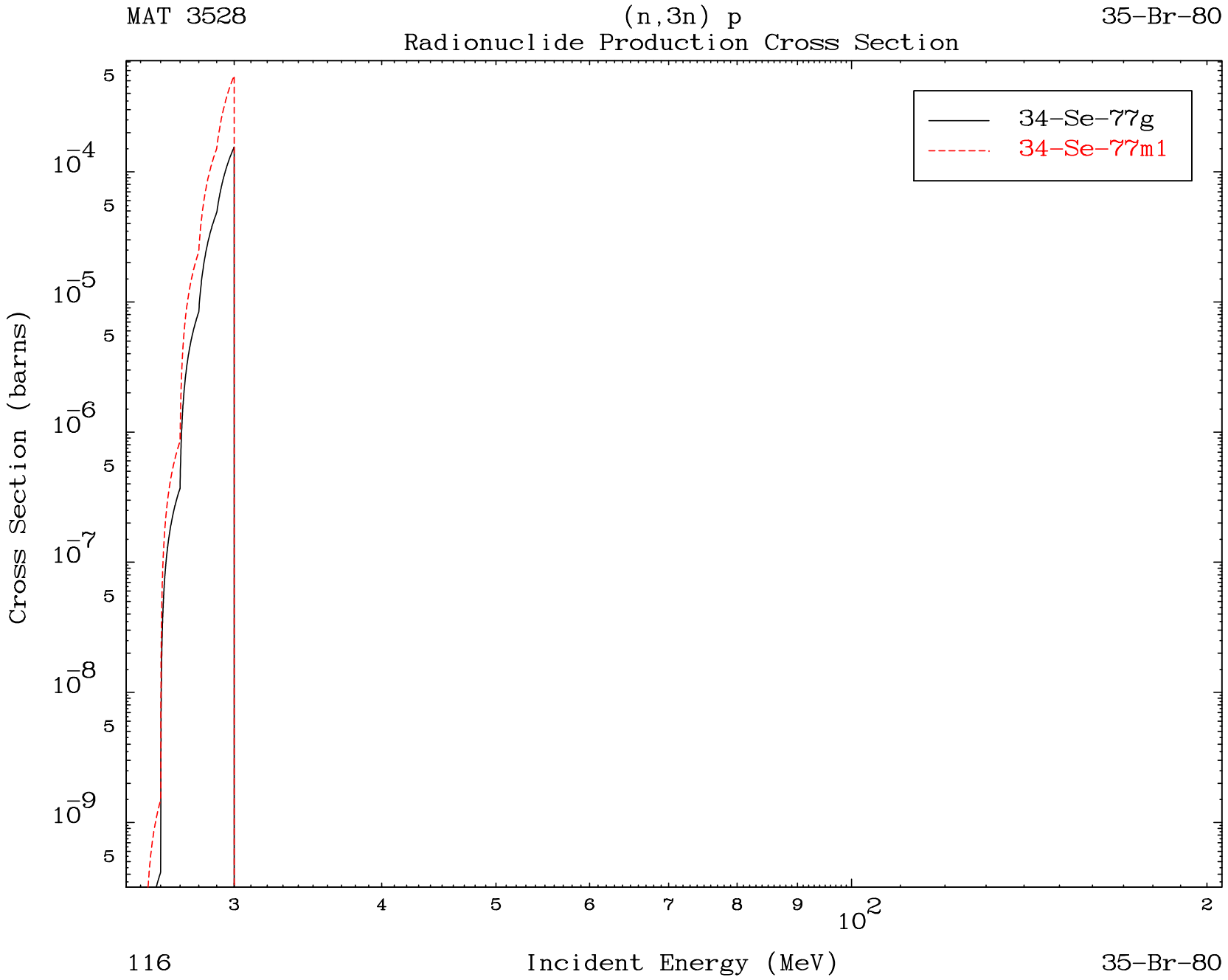

MAT 3528
(n,2n) d
35-Br-80
Radionuclide Production Cross Section
34-Se-77g
34-Se-77m1
Cross Section (barns)
Incident Energy (MeV)
111
35-Br-80

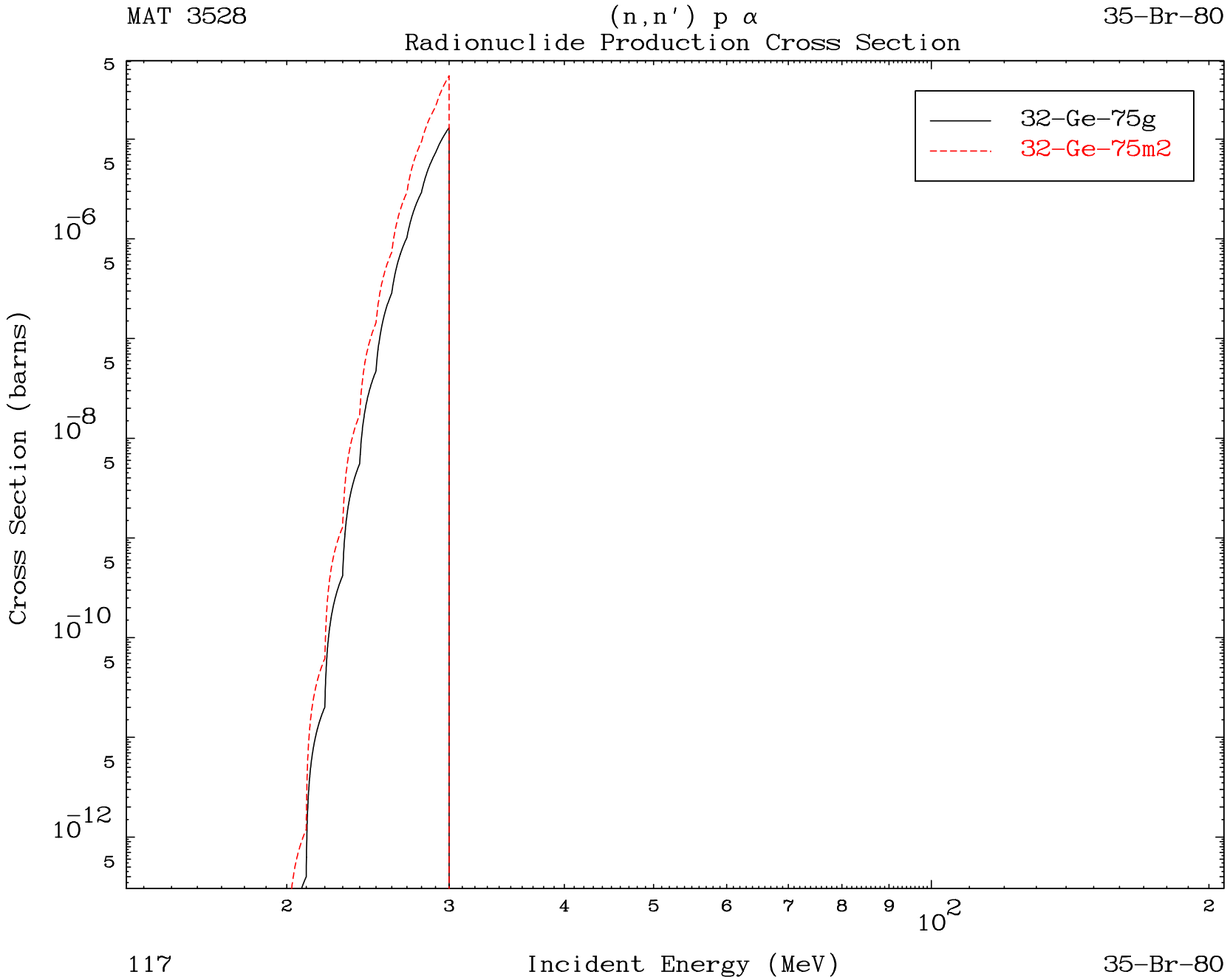

MAT 3528
(n,2n)
35-Br-80
Radionuclide Production Cross Section
Cross Section (barns)
Incident Energy (MeV)
35-Br-79g
35-Br-79m1
112
35-Br-80

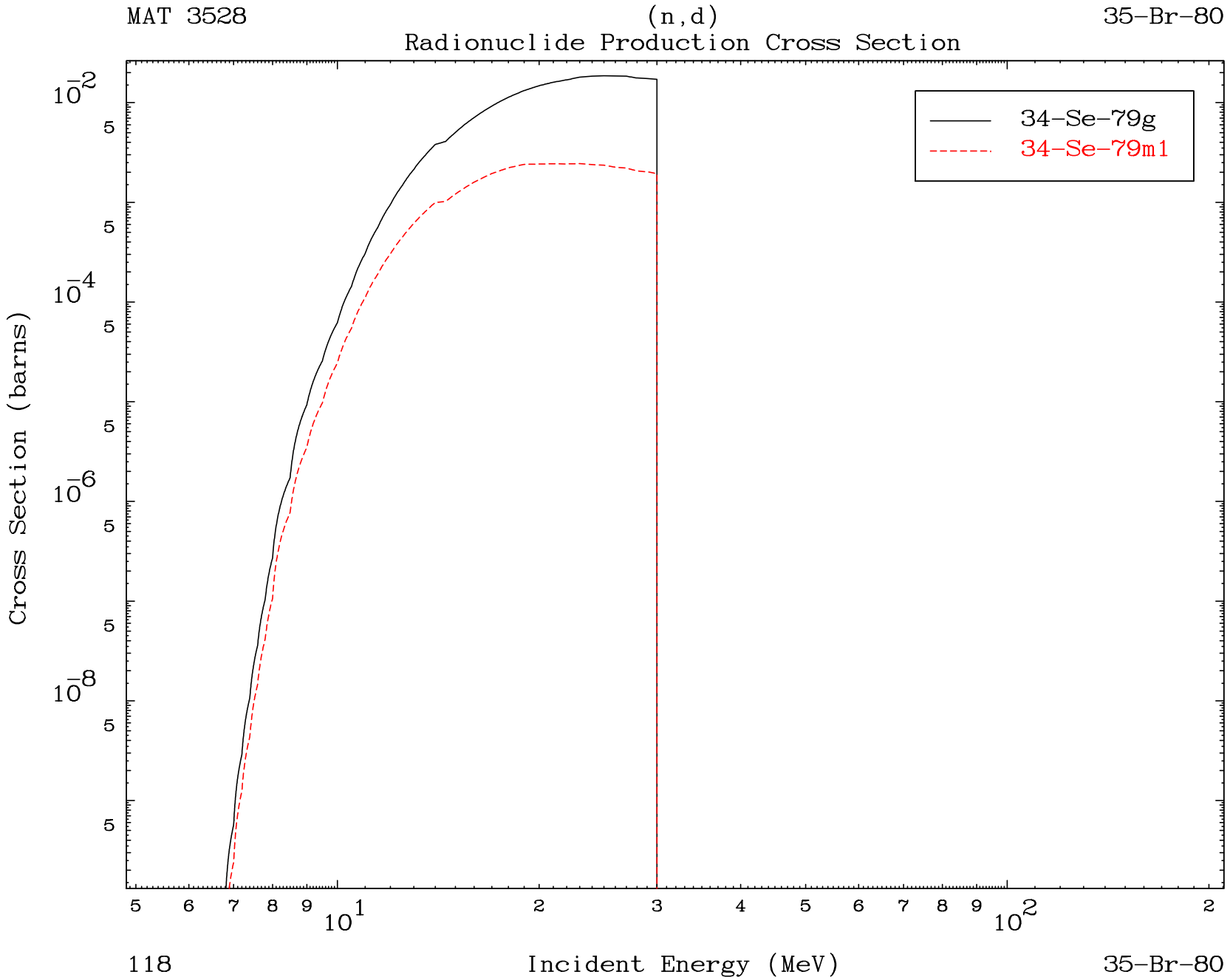

MAT 3528
(n,n') p
35-Br-80
Radionuclide Production Cross Section
34-Se-79g
34-Se-79m1
Cross Section (barns)
Incident Energy (MeV)
113
35-Br-80

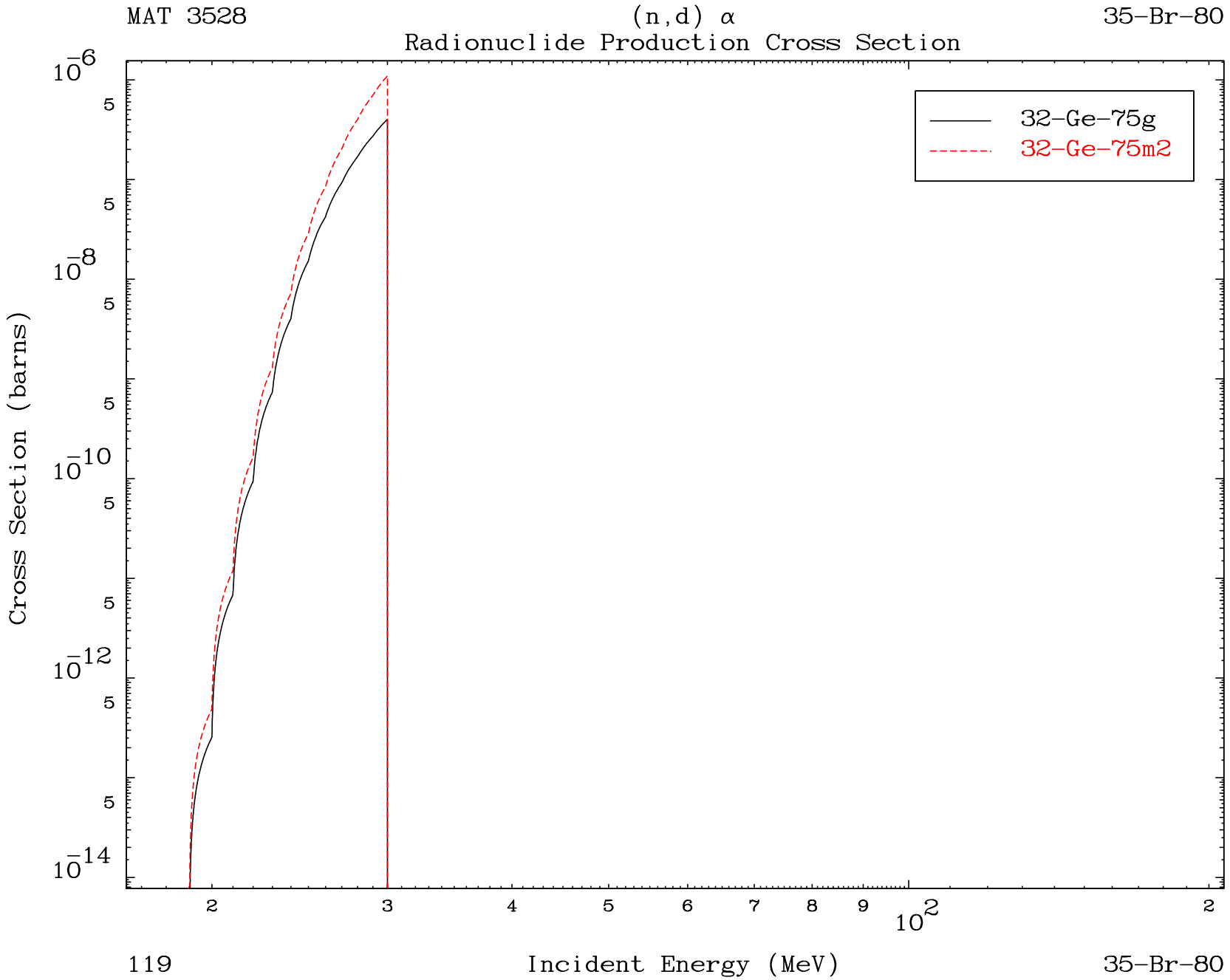

MAT 3528
(n,n') t
35-Br-80
Radionuclide Production Cross Section
34-Se-77g
34-Se-77m1
Cross Section (barns)
Incident Energy (MeV)
114
35-Br-80


MAT 3528
(n,4n)
35-Br-80
Radionuclide Production Cross Section
35-Br-77g
35-Br-77m1
Cross Section (barns)
10-2
10-3
9
8
7
6
5
4
3
2
3
4
5
6
7
8
9
10 2
2
115
Incident Energy (MeV)
35-Br-80


MAT 3528
(n,3n) p
35-Br-80
Radionuclide Production Cross Section
34-Se-77g
34-Se-77m1
Cross Section (barns)
Incident Energy (MeV)
116
35-Br-80


MAT 3528
(n,n') p α
35-Br-80
Radionuclide Production Cross Section
32-Ge-75g
32-Ge-75m2
Cross Section (barns)
10-6
10-8
10-10
10-12
2
3
4
5
6
7
8
9
10 2
2
117
Incident Energy (MeV)
35-Br-80


MAT 3528
(n,d)
35-Br-80
Radionuclide Production Cross Section
34-Se-79g
34-Se-79m1
Cross Section (barns)
Incident Energy (MeV)
118
35-Br-80


MAT 3528
(n,d) α
35-Br-80
Radionuclide Production Cross Section
32-Ge-75g
32-Ge-75m2
Cross Section (barns)
Incident Energy (MeV)
119
35-Br-80