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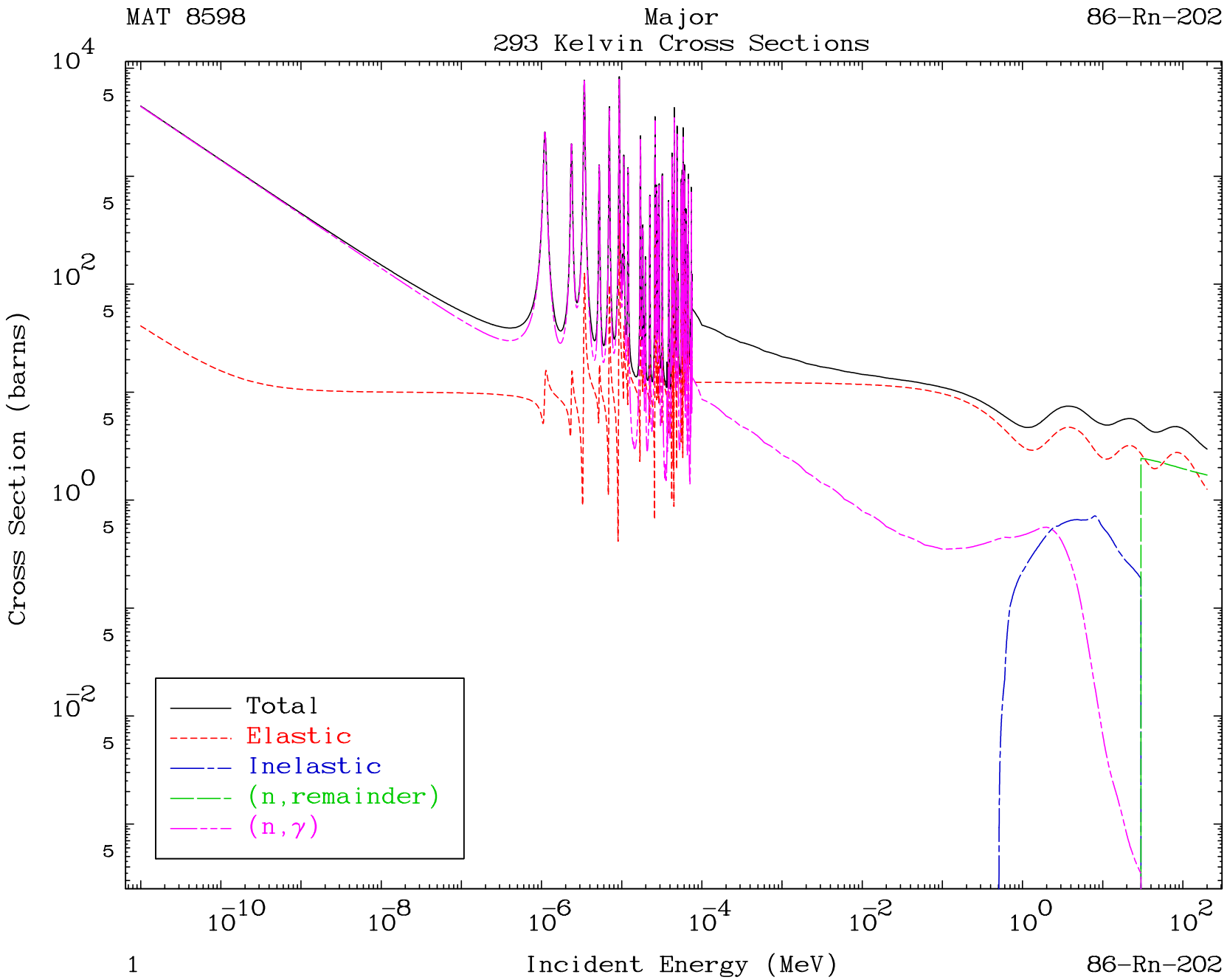
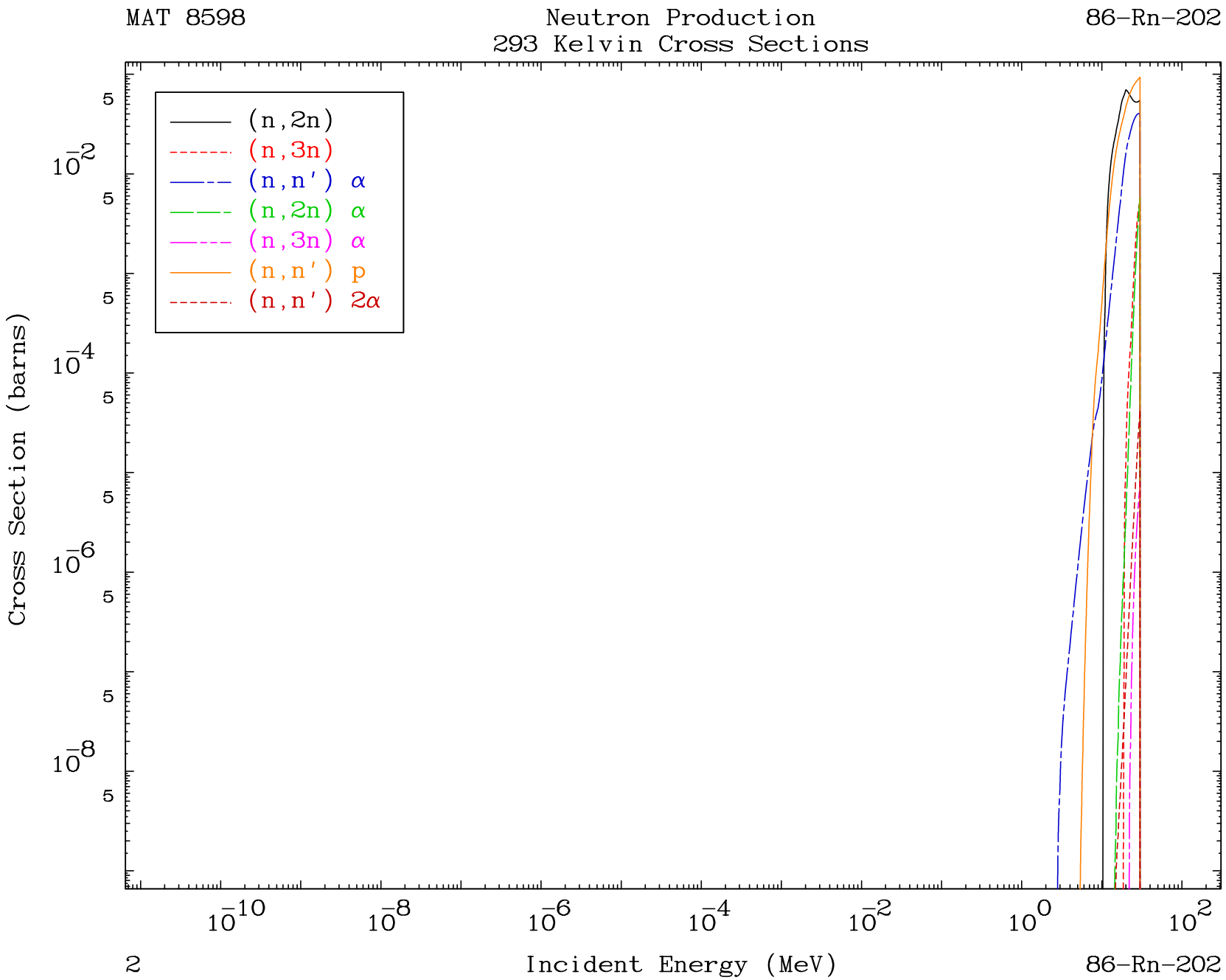
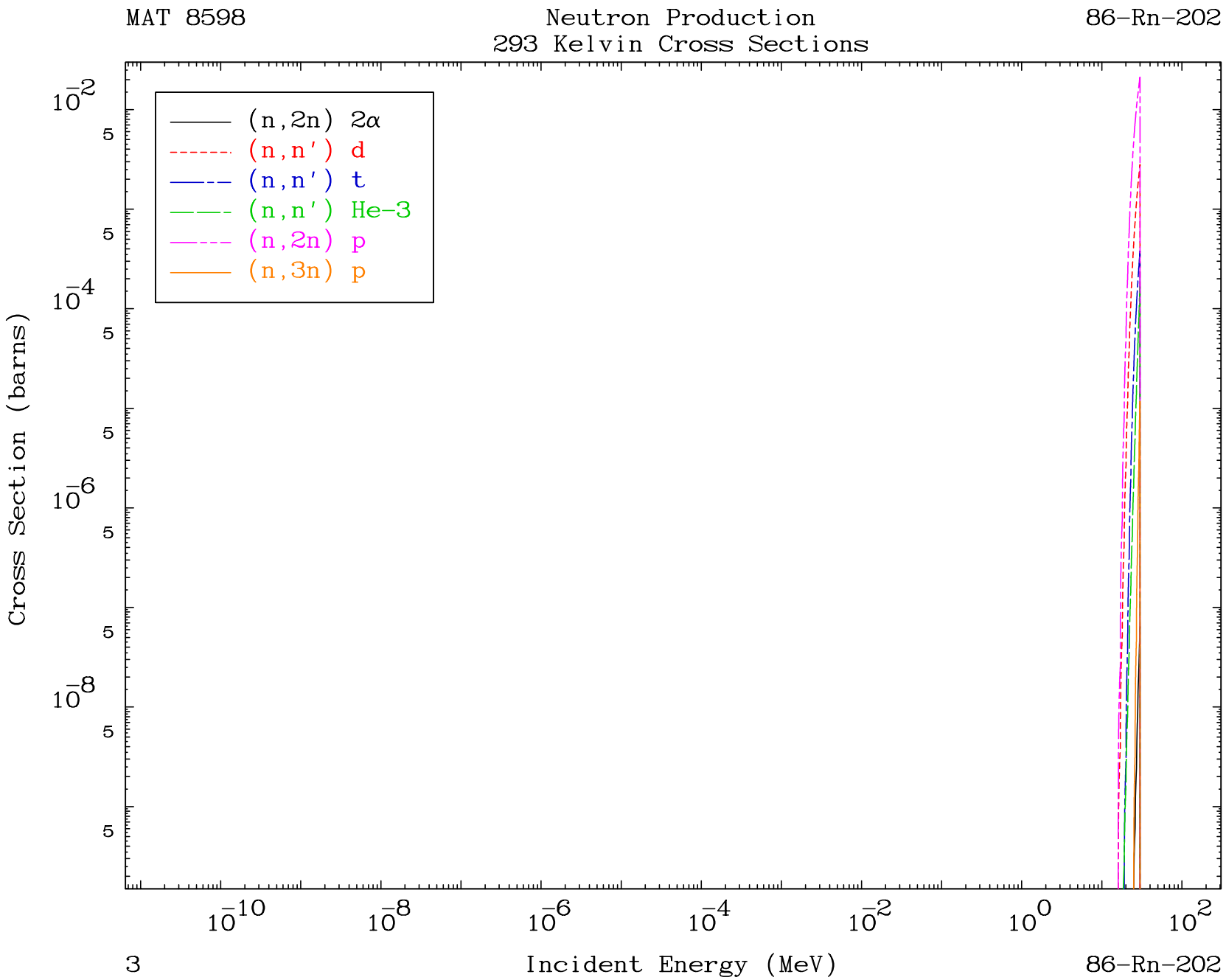
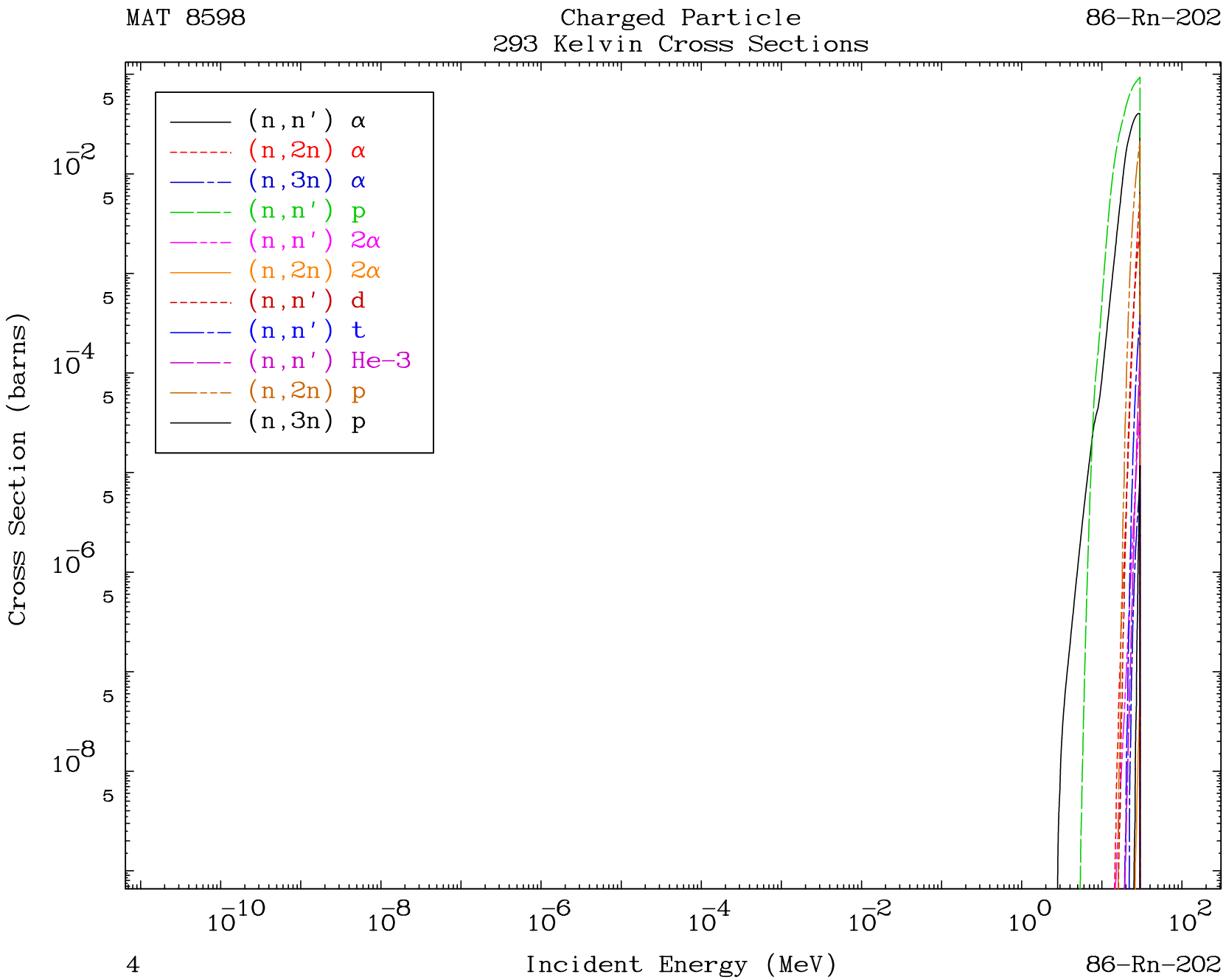
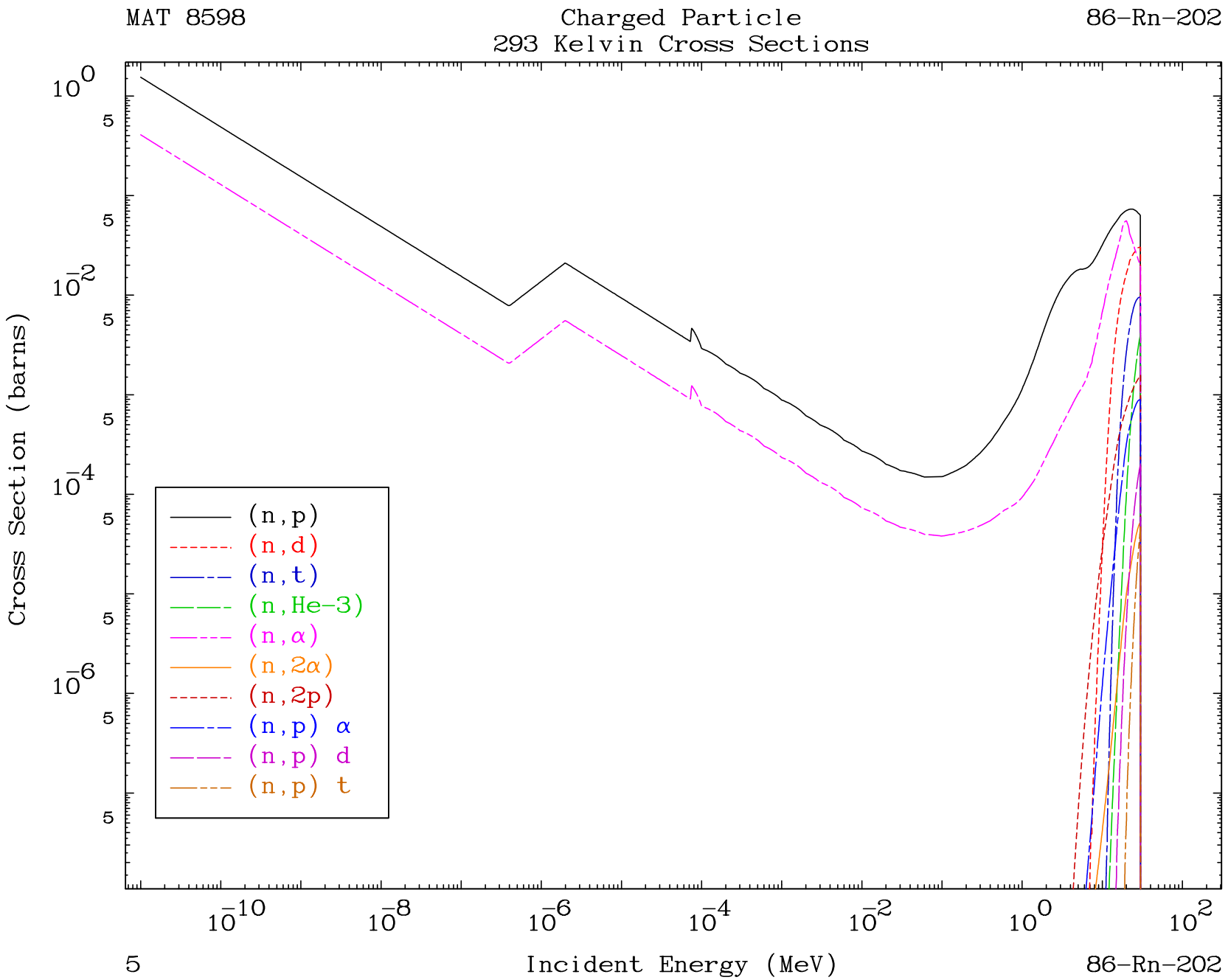
Press Mouse Button to Start

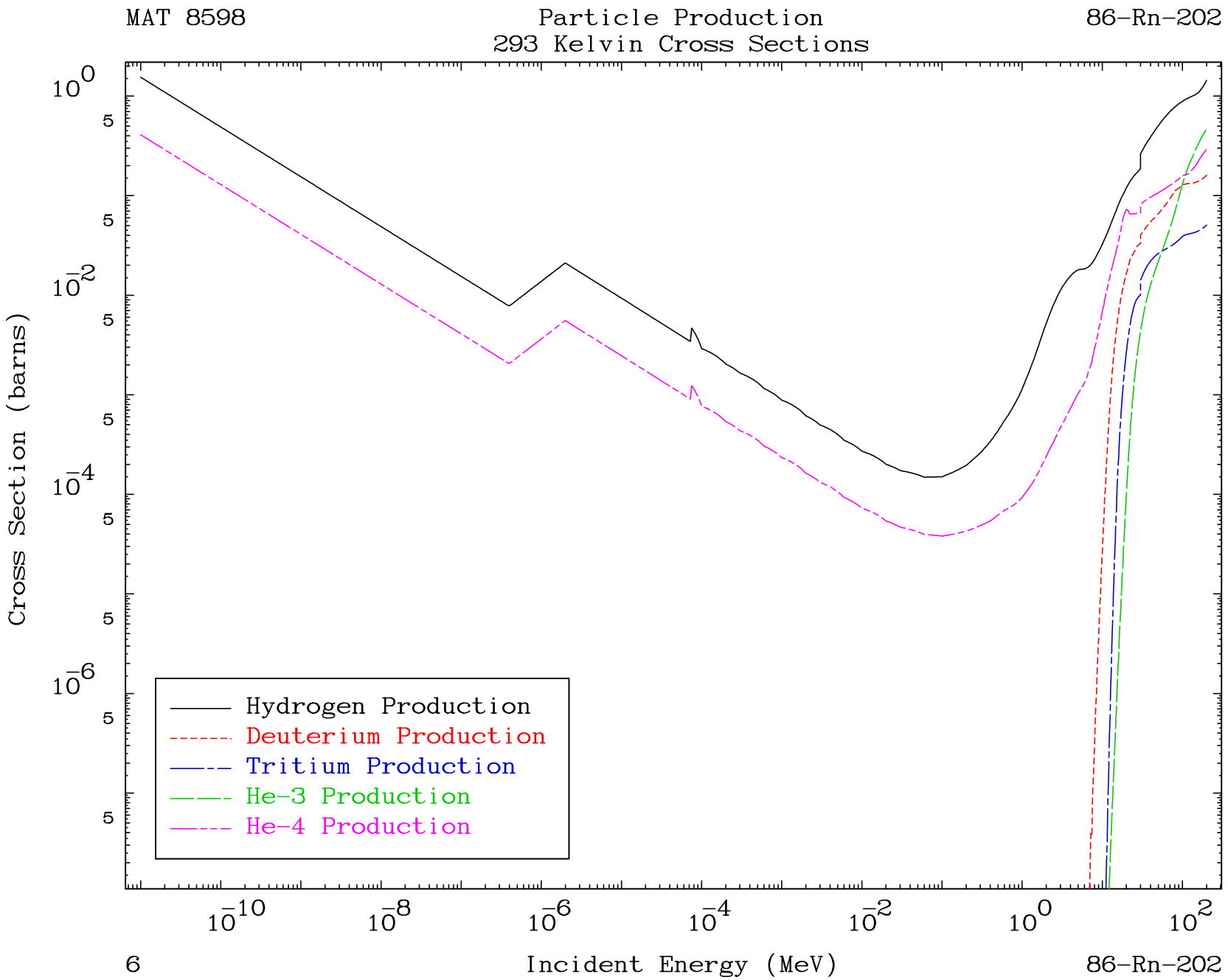

MAT 8598
Major
86-Rn-202
293 Kelvin Cross Sections
Cross Section (barns)
Incident Energy (MeV)
Total
Elastic
Inelastic
(n,remainder)
(n,γ)
1
86-Rn-202

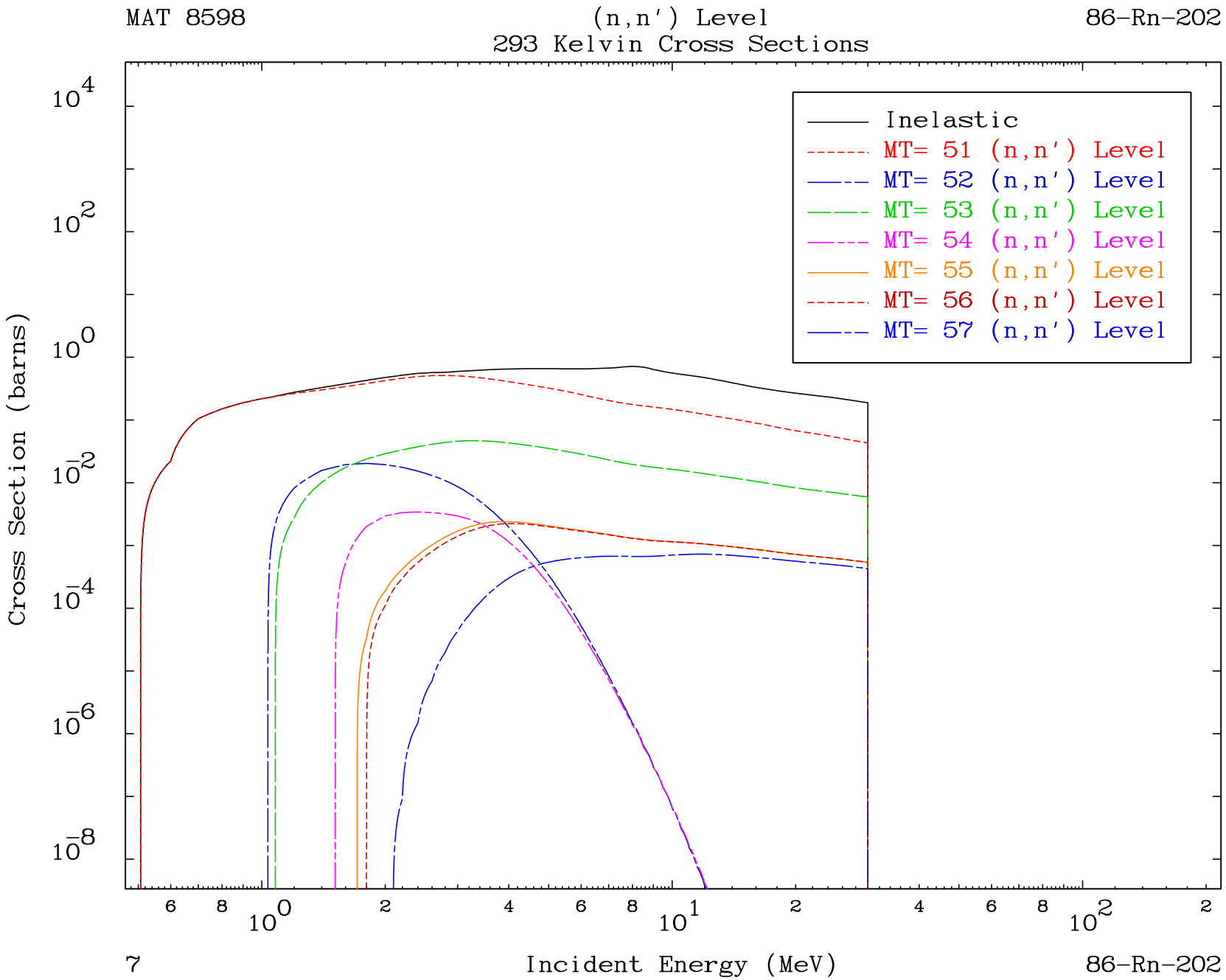

MAT 8598
Neutron Production
293 Kelvin Cross Sections
86-Rn-202
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
Cross Section (barns)
Incident Energy (MeV)
2
86-Rn-202

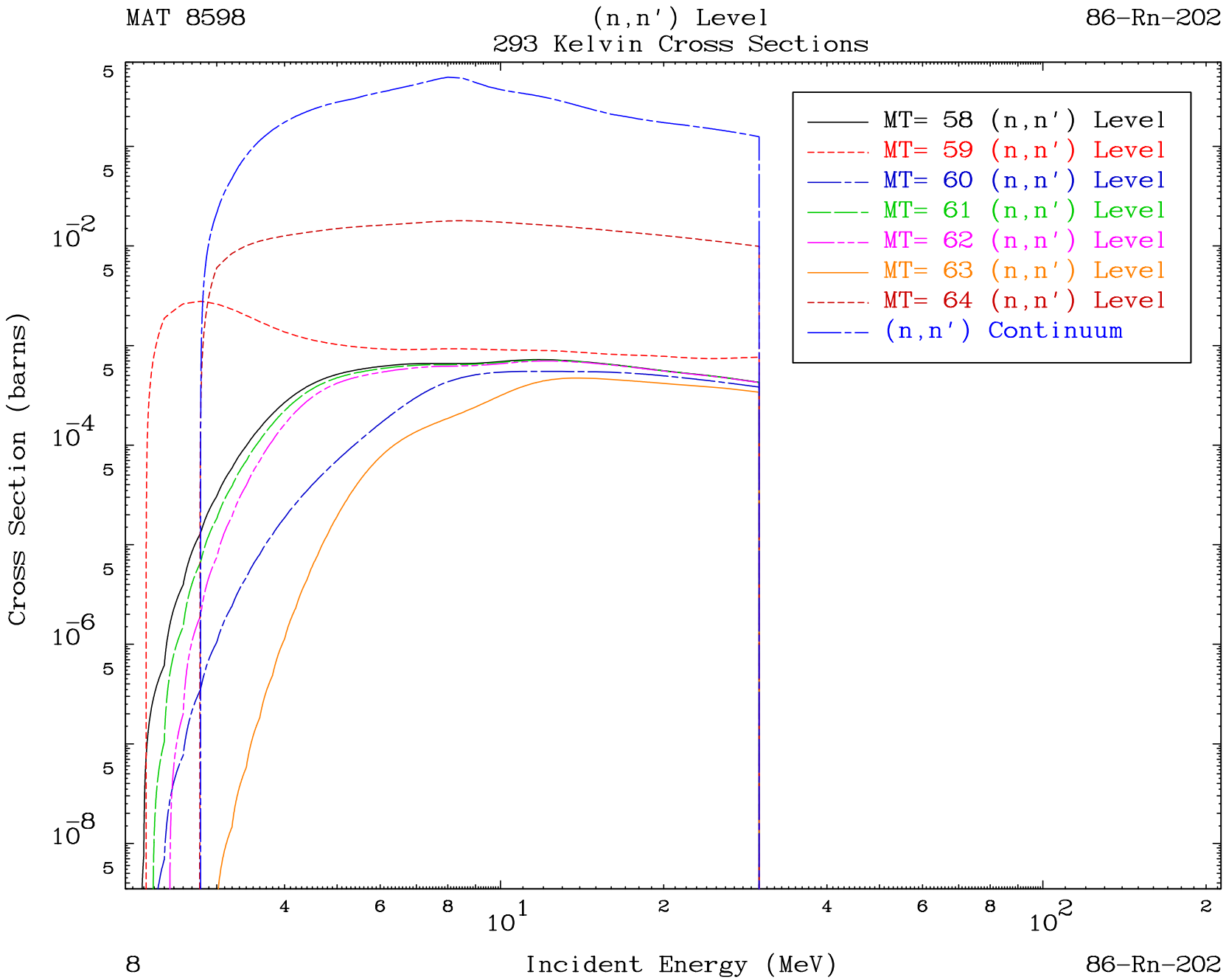

MAT 8598
Neutron Production
293 Kelvin Cross Sections
86-Rn-202
(n,2n) 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
86-Rn-202

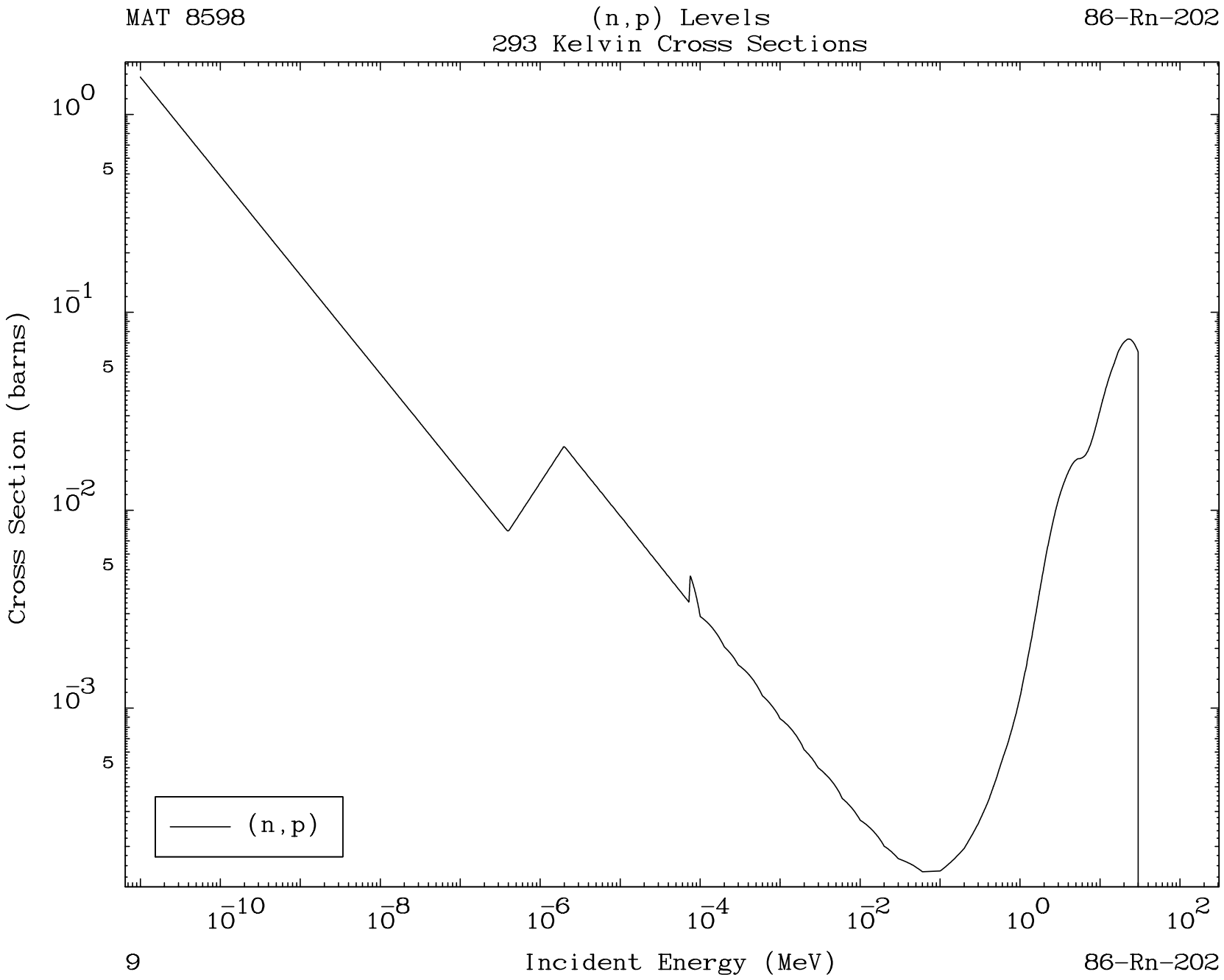

MAT 8598
Charged Particle
86-Rn-202
293 Kelvin Cross Sections
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
Cross Section (barns)
Incident Energy (MeV)
4
86-Rn-202

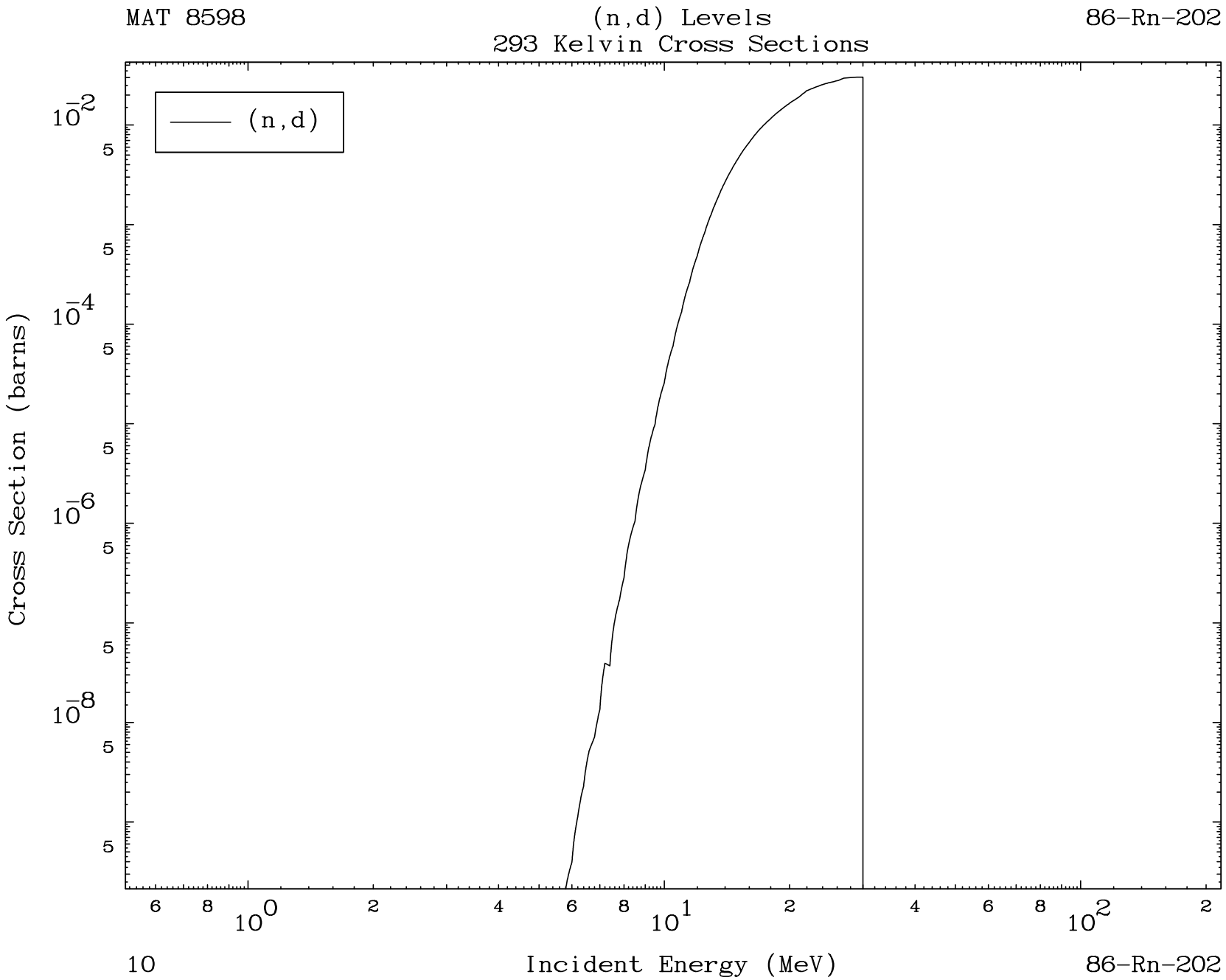

MAT 8598
Charged Particle
293 Kelvin Cross Sections
86-Rn-202
Cross Section (barns)
Incident Energy (MeV)
86-Rn-202
5
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t

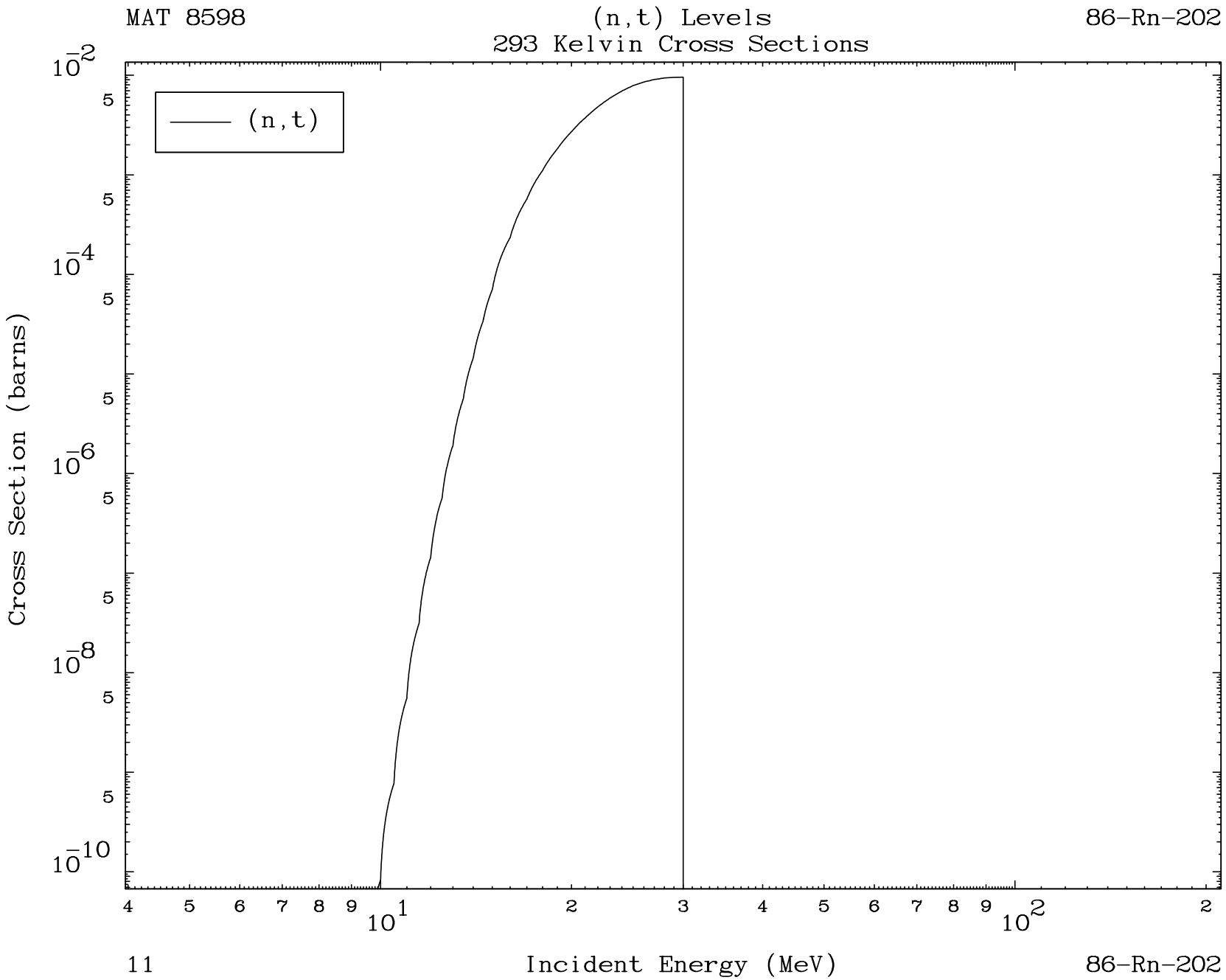

MAT 8598
Particle Production
293 Kelvin Cross Sections
86-Rn-202
Cross Section (barns)
10^0
10^-2
10^-4
10^-6
Hydrogen Production
Deuterium Production
Tritium Production
He-3 Production
He-4 Production
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
Incident Energy (MeV)
6
86-Rn-202

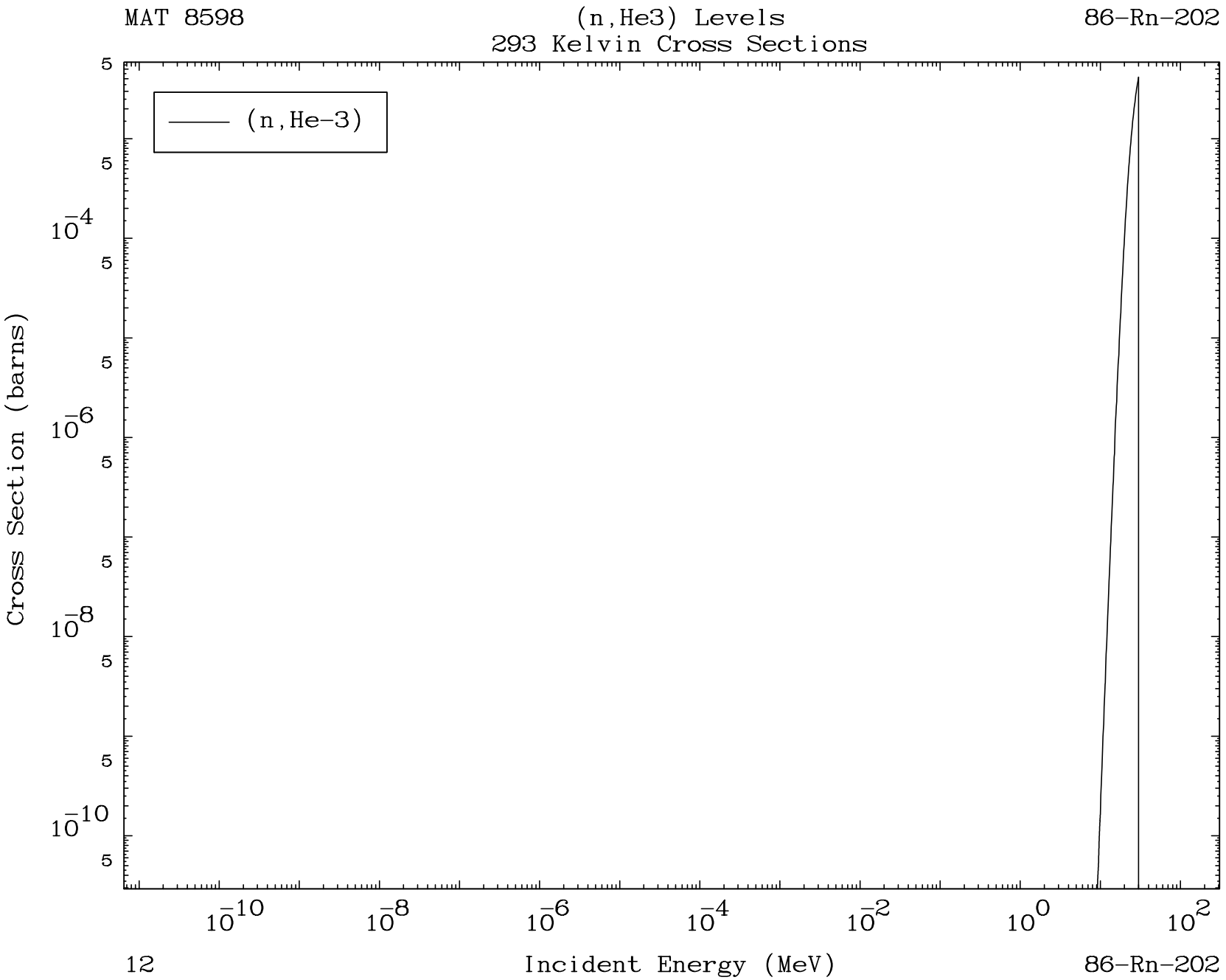

MAT 8598
(n,n') Level
293 Kelvin Cross Sections
86-Rn-202
Inelastic
MT= 51 (n,n') Level
MT= 52 (n,n') Level
MT= 53 (n,n') Level
MT= 54 (n,n') Level
MT= 55 (n,n') Level
MT= 56 (n,n') Level
MT= 57 (n,n') Level
Cross Section (barns)
Incident Energy (MeV)
7
86-Rn-202

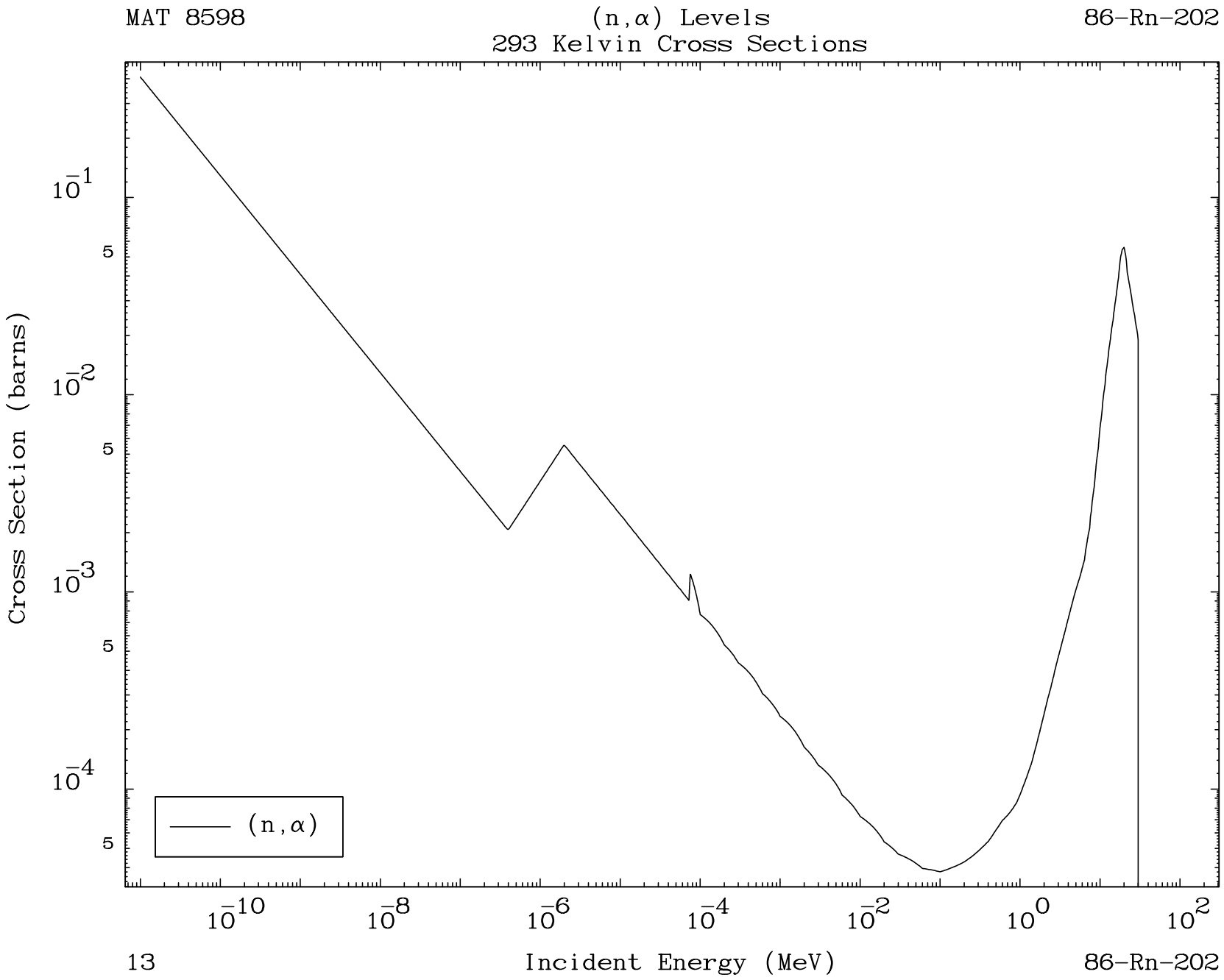

MAT 8598
(n,n') Level
86-Rn-202
293 Kelvin Cross Sections
MT= 58 (n,n') Level
MT= 59 (n,n') Level
MT= 60 (n,n') Level
MT= 61 (n,n') Level
MT= 62 (n,n') Level
MT= 63 (n,n') Level
MT= 64 (n,n') Level
(n,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
86-Rn-202
8

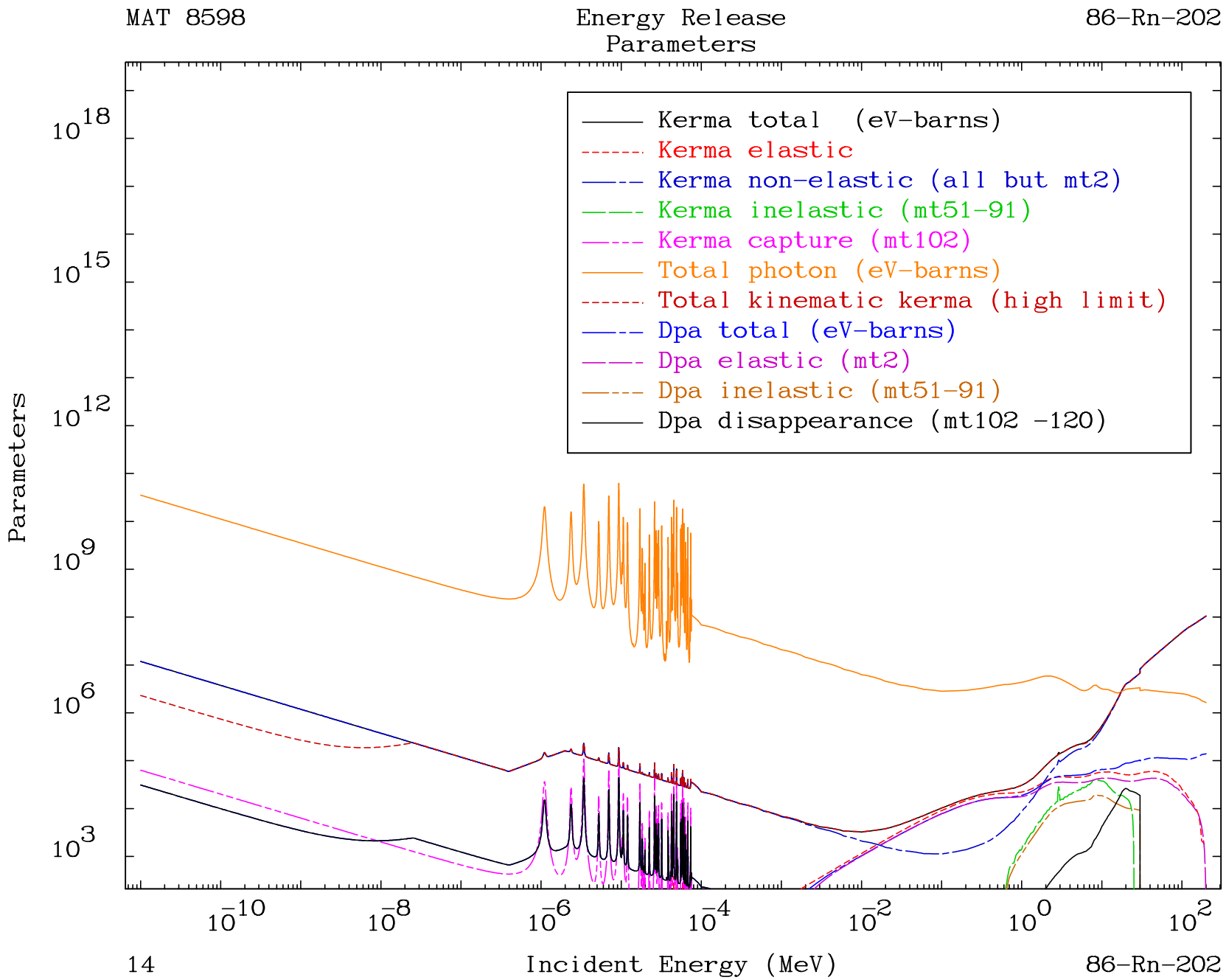

MAT 8598
(n,p) Levels
86-Rn-202
293 Kelvin Cross Sections
Cross Section (barns)
10^0
5
10^-1
5
10^-2
5
10^-3
5
(n,p)
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
9
Incident Energy (MeV)
86-Rn-202

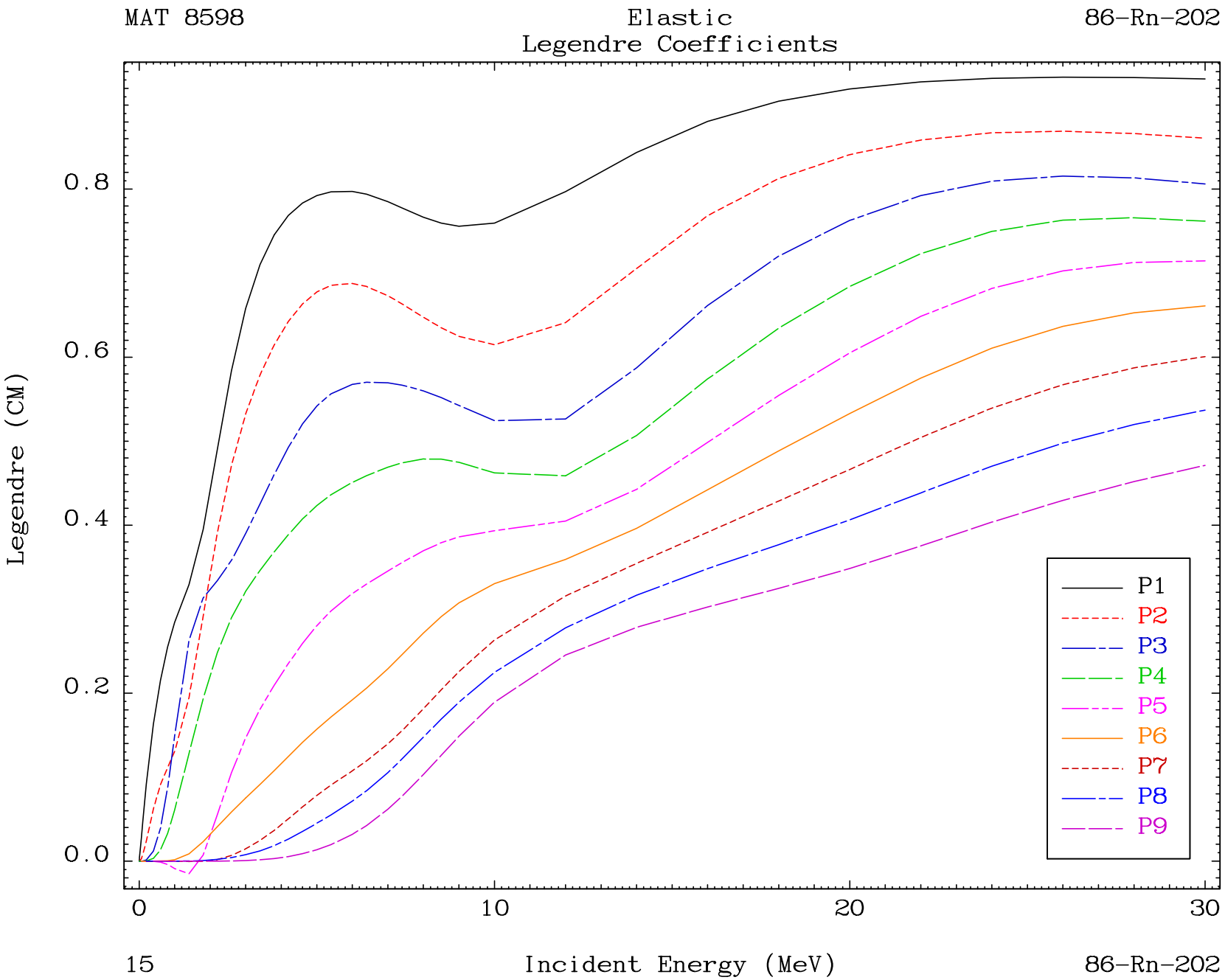

MAT 8598
(n,d) Levels
86-Rn-202
293 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
86-Rn-202

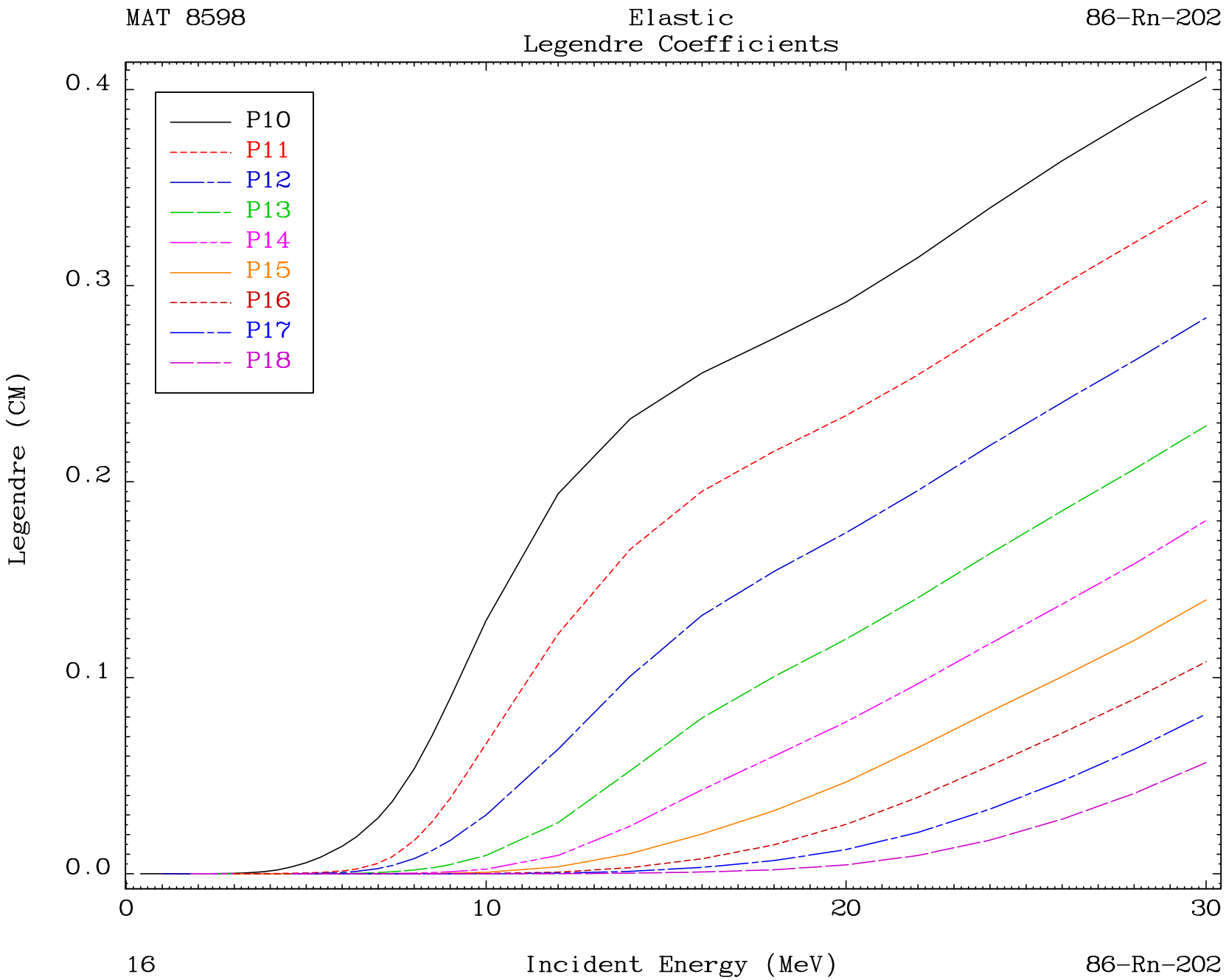

MAT 8598
(n,t) Levels
86-Rn-202
293 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
11
86-Rn-202

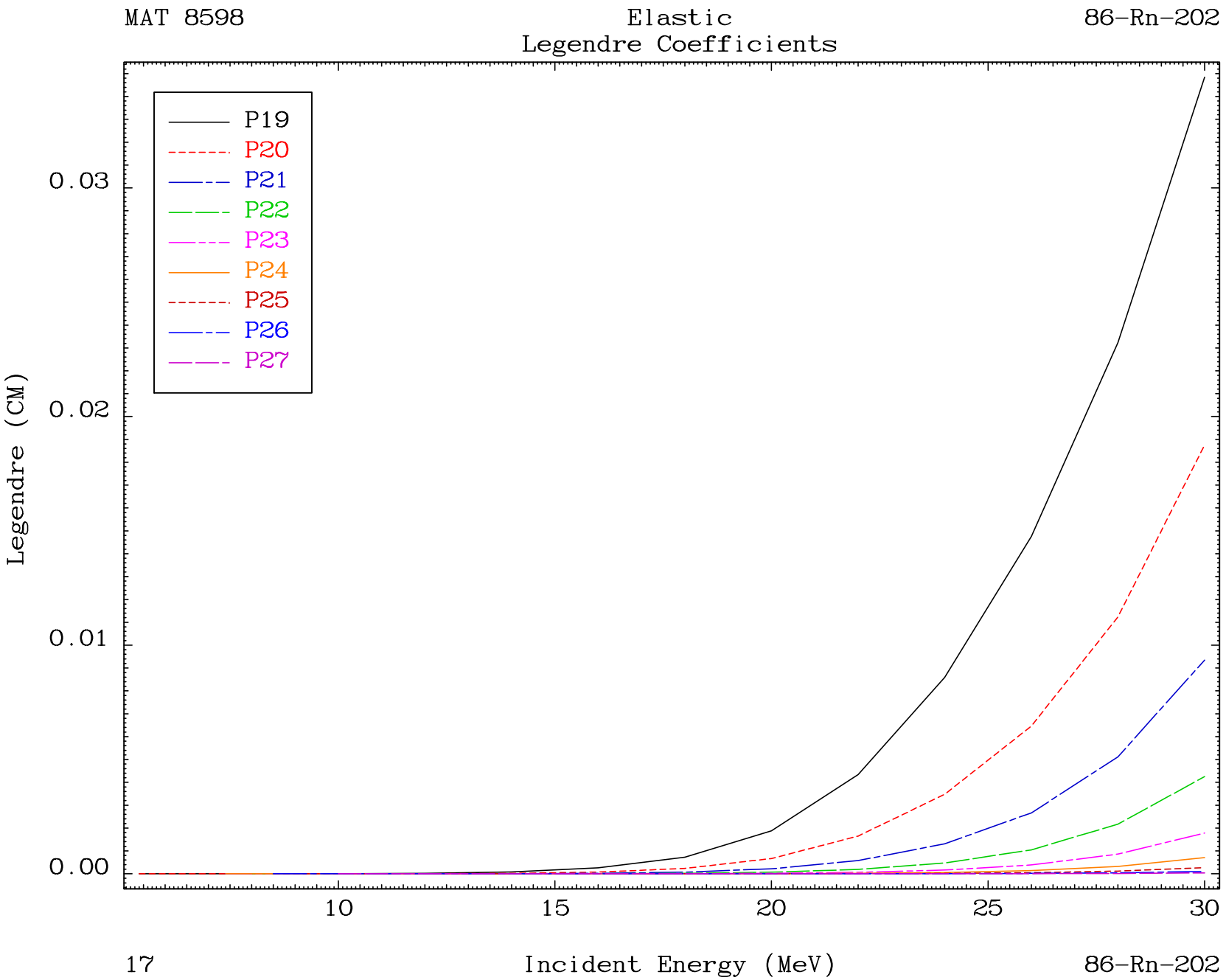

MAT 8598
(n,He3) Levels
86-Rn-202
293 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
12
86-Rn-202

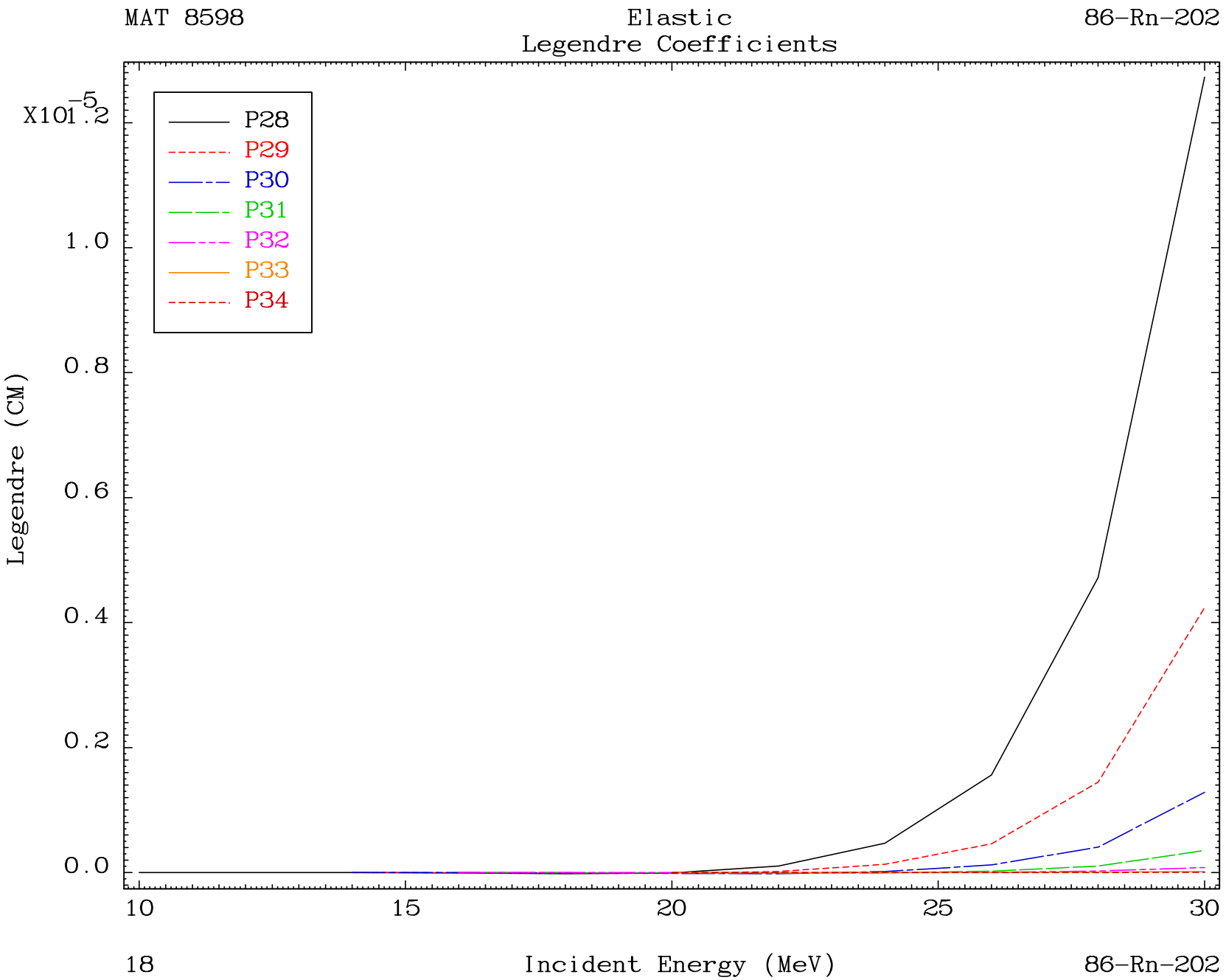

MAT 8598
(n,α) Levels
86-Rn-202
293 Kelvin Cross Sections
Cross Section (barns)
10-1
5
10-2
5
10-3
5
10-4
5
(n,α)
10-10
10-8
10-6
10-4
10-2
100
102
13
Incident Energy (MeV)
86-Rn-202

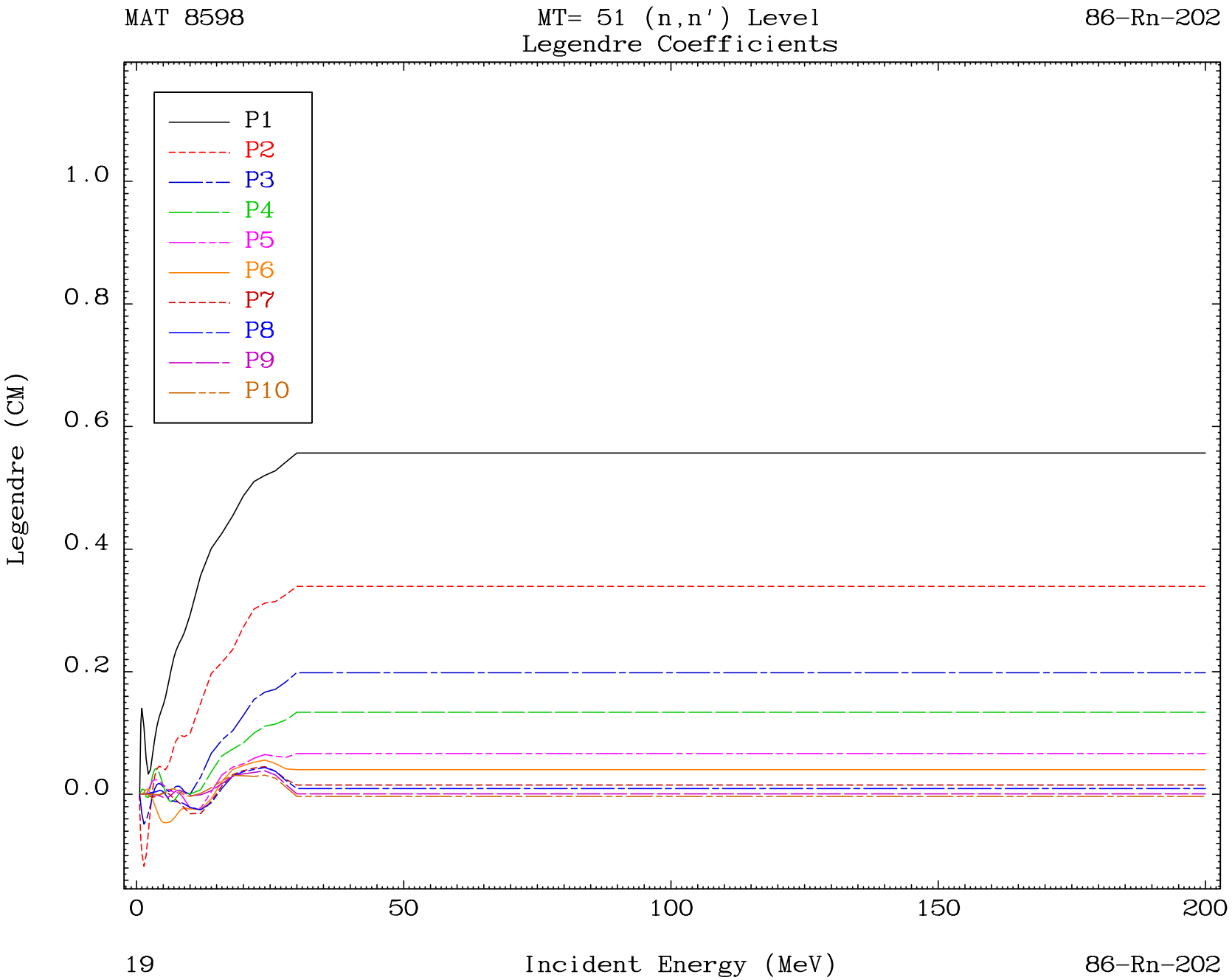

MAT 8598
Energy Release
Parameters
86-Rn-202
Kerma total (eV-barns)
Kerma elastic
Kerma non-elastic (all but mt2)
Kerma inelastic (mt51-91)
Kerma capture (mt102)
Total photon (eV-barns)
Total kinematic kerma (high limit)
Dpa total (eV-barns)
Dpa elastic (mt2)
Dpa inelastic (mt51-91)
Dpa disappearance (mt102 -120)
Parameters
10^{18}
10^{15}
10^{12}
10^{9}
10^{6}
10^{3}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
10^{2}
14
Incident Energy (MeV)
86-Rn-202

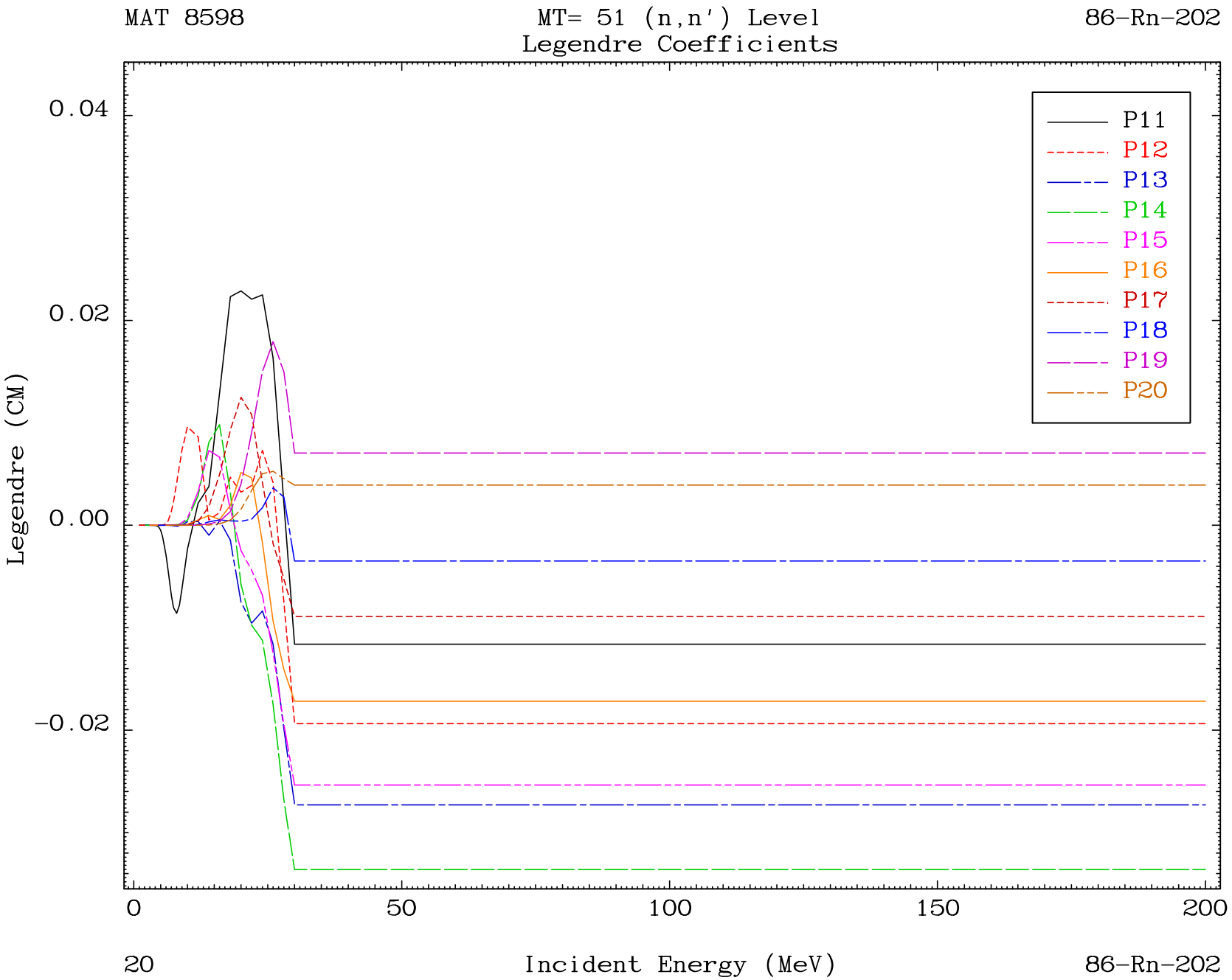

MAT 8598
Elastic
Legendre Coefficients
86-Rn-202
Legendre (CM)
0.0
0.2
0.4
0.6
0.8
0
10
20
30
15
Incident Energy (MeV)
86-Rn-202
P1
P2
P3
P4
P5
P6
P7
P8
P9

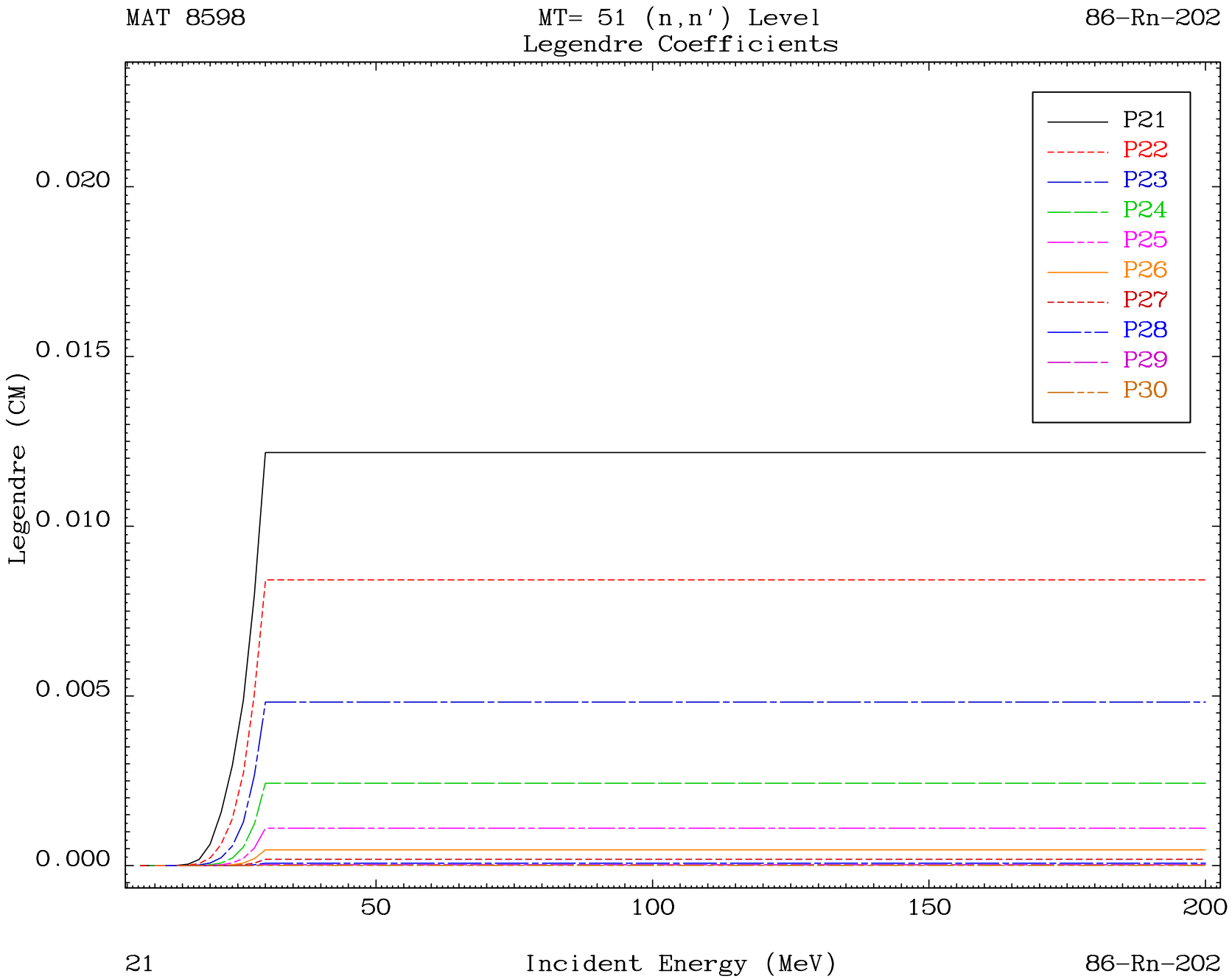

MAT 8598
Elastic
Legendre Coefficients
86-Rn-202
P10
P11
P12
P13
P14
P15
P16
P17
P18
Legendre (CM)
0.4
0.3
0.2
0.1
0.0
0
10
20
30
16
Incident Energy (MeV)
86-Rn-202

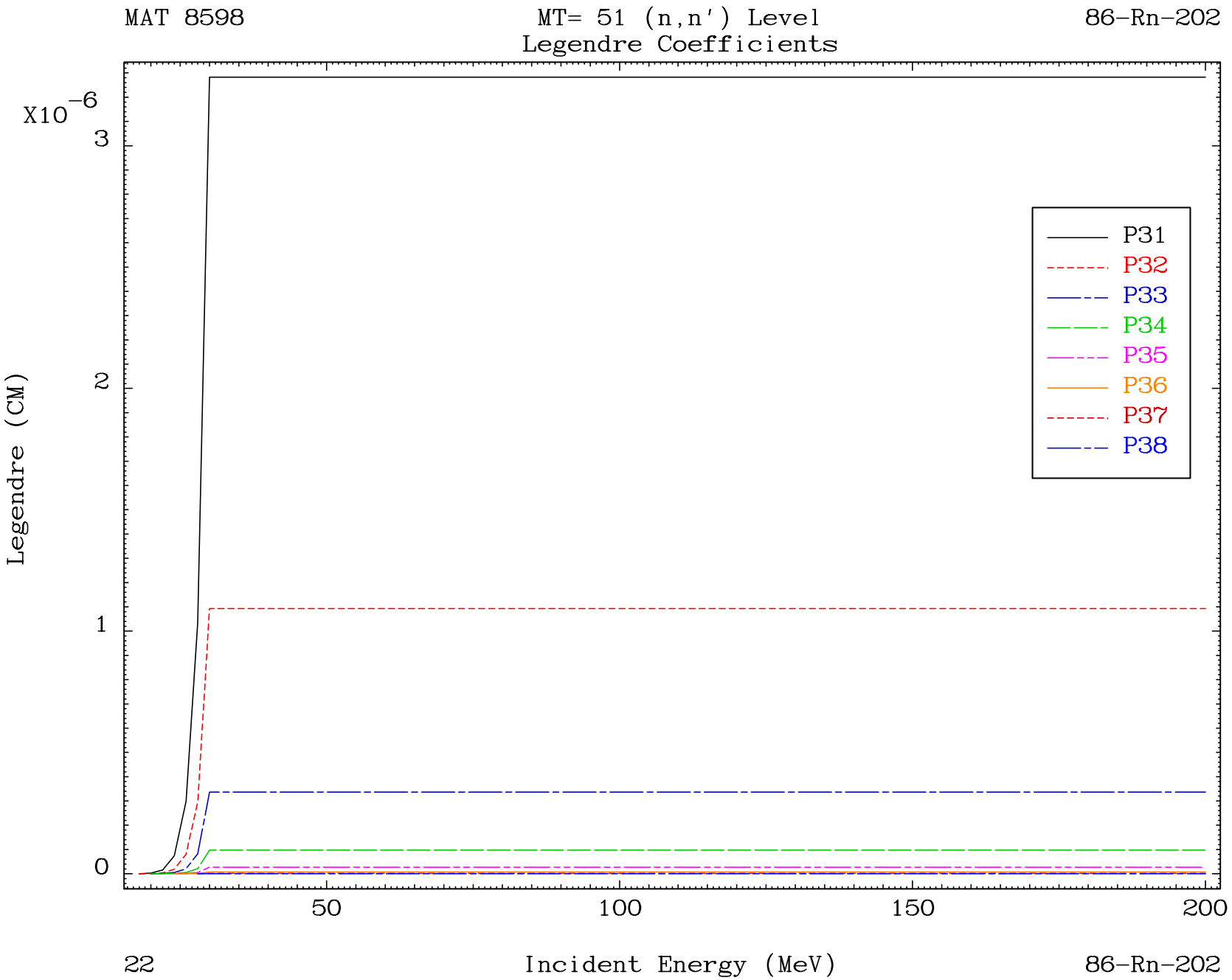

MAT 8598
Elastic
Legendre Coefficients
86-Rn-202
P19
P20
P21
P22
P23
P24
P25
P26
P27
0.03
0.02
0.01
0.00
Legendre (CM)
10
15
20
25
30
17
Incident Energy (MeV)
86-Rn-202

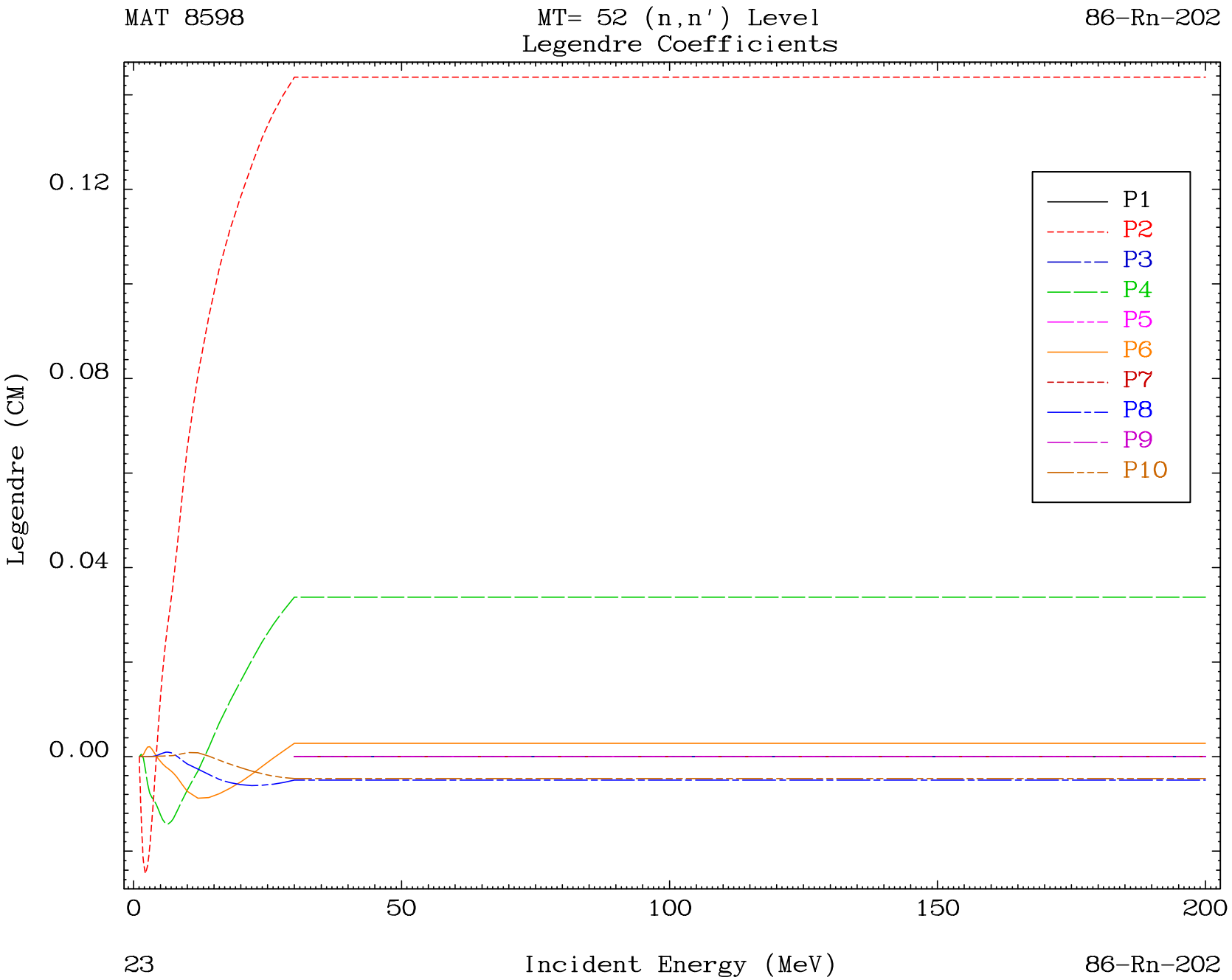

MAT 8598
Elastic
Legendre Coefficients
86-Rn-202
X10^-5
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
10
15
20
25
30
18
Incident Energy (MeV)
86-Rn-202

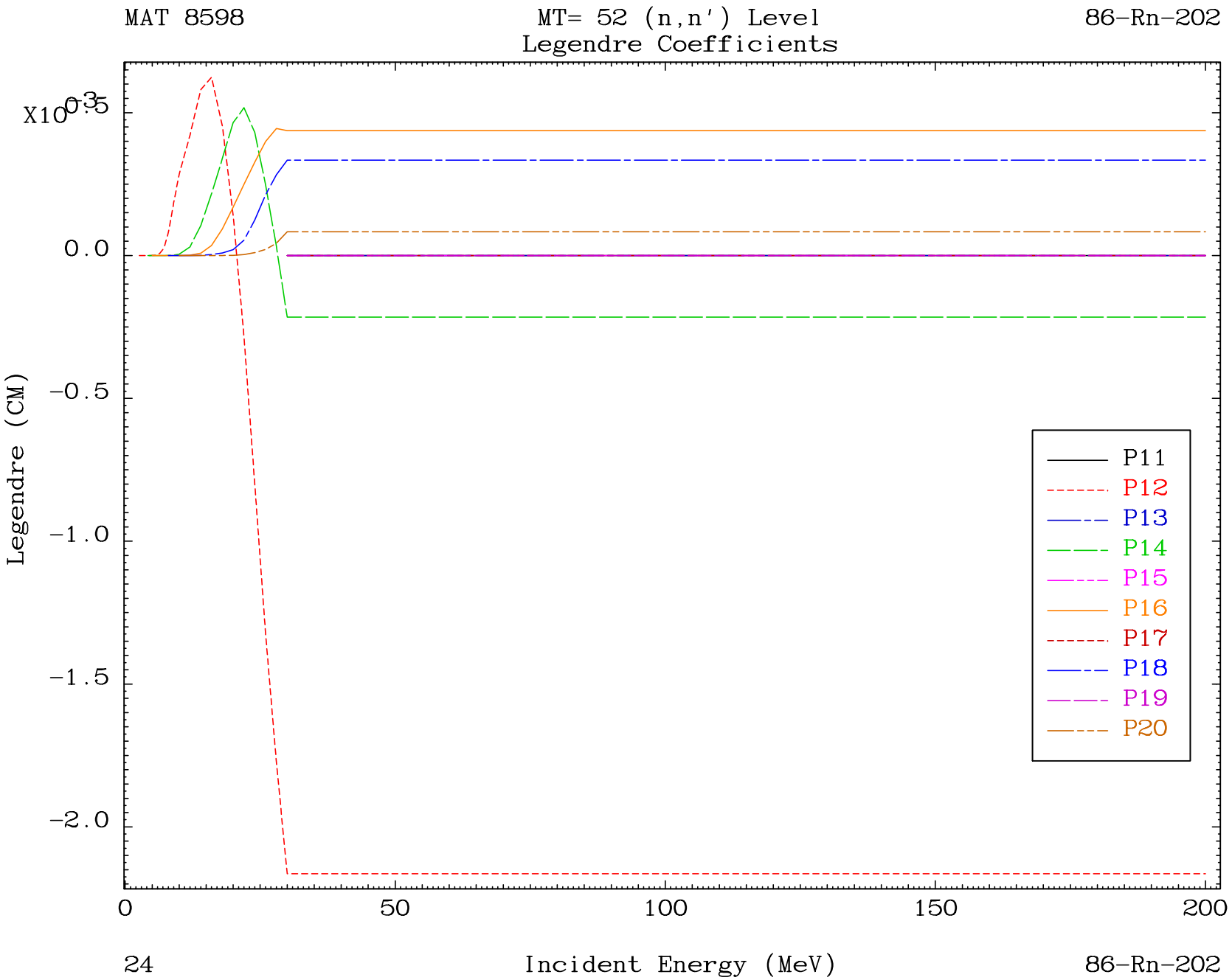

MAT 8598
MT= 51 (n,n') Level
Legendre Coefficients
86-Rn-202
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10
Legendre (CM)
1.0
0.8
0.6
0.4
0.2
0.0
0
50
100
150
200
19
Incident Energy (MeV)
86-Rn-202

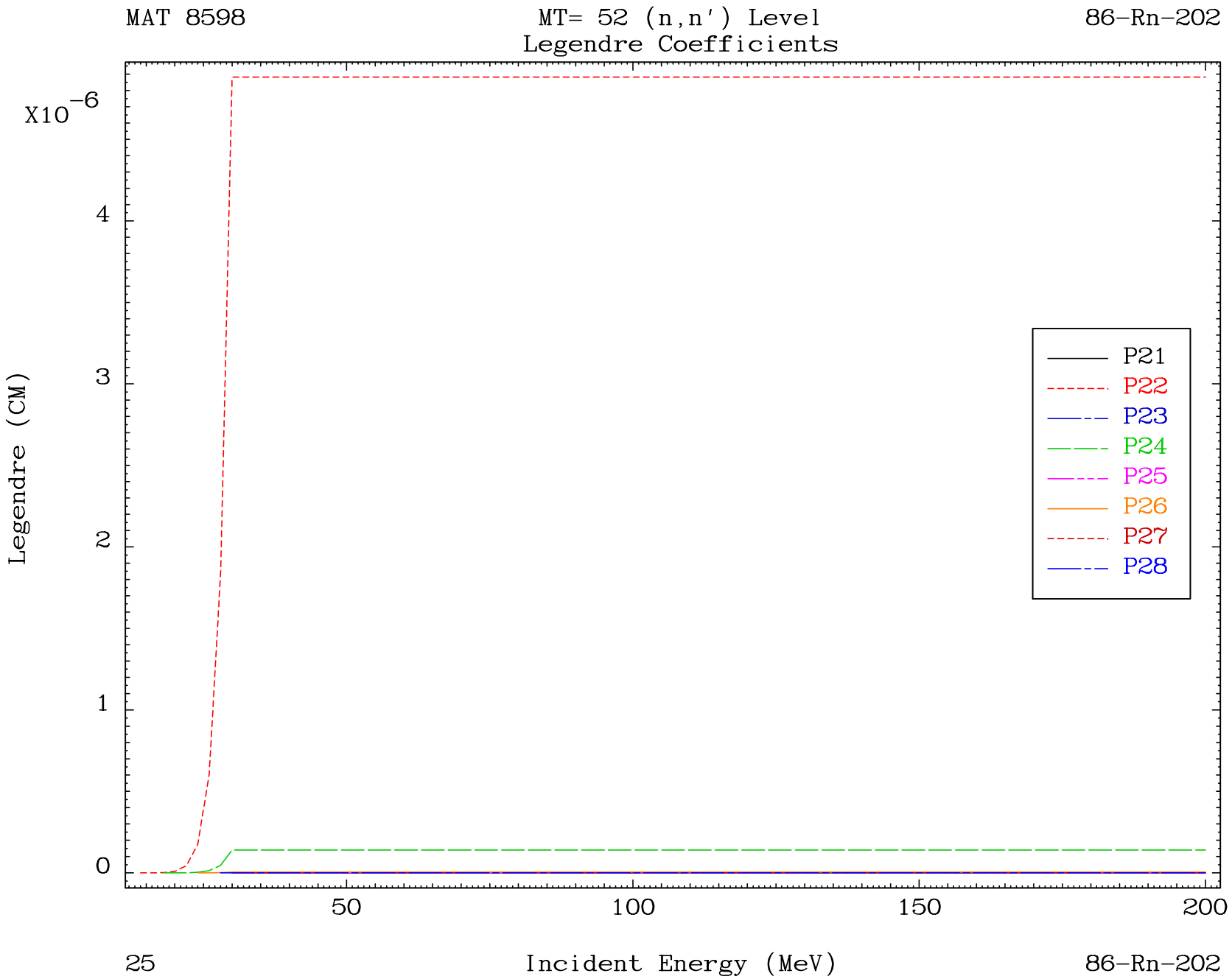

MAT 8598
MT= 51 (n,n') Level
Legendre Coefficients
86-Rn-202
0.04
0.02
0.00
-0.02
Legendre (CM)
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20
0
50
100
150
200
20
Incident Energy (MeV)
86-Rn-202

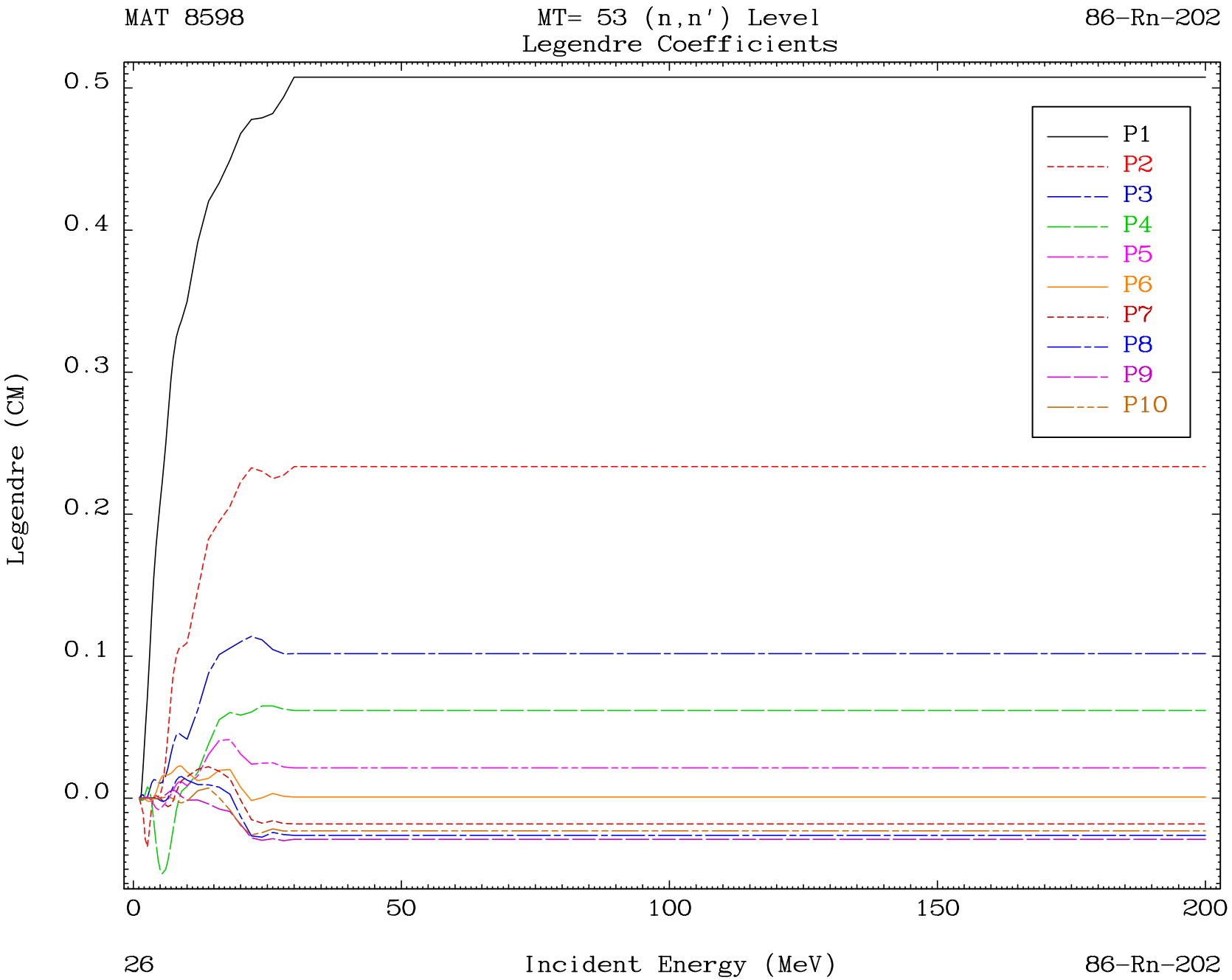

MAT 8598
MT= 51 (n,n') Level
Legendre Coefficients
86-Rn-202
P21
P22
P23
P24
P25
P26
P27
P28
P29
P30
0.020
0.015
0.010
0.005
0.000
Legendre (CM)
50
100
150
200
21
Incident Energy (MeV)
86-Rn-202

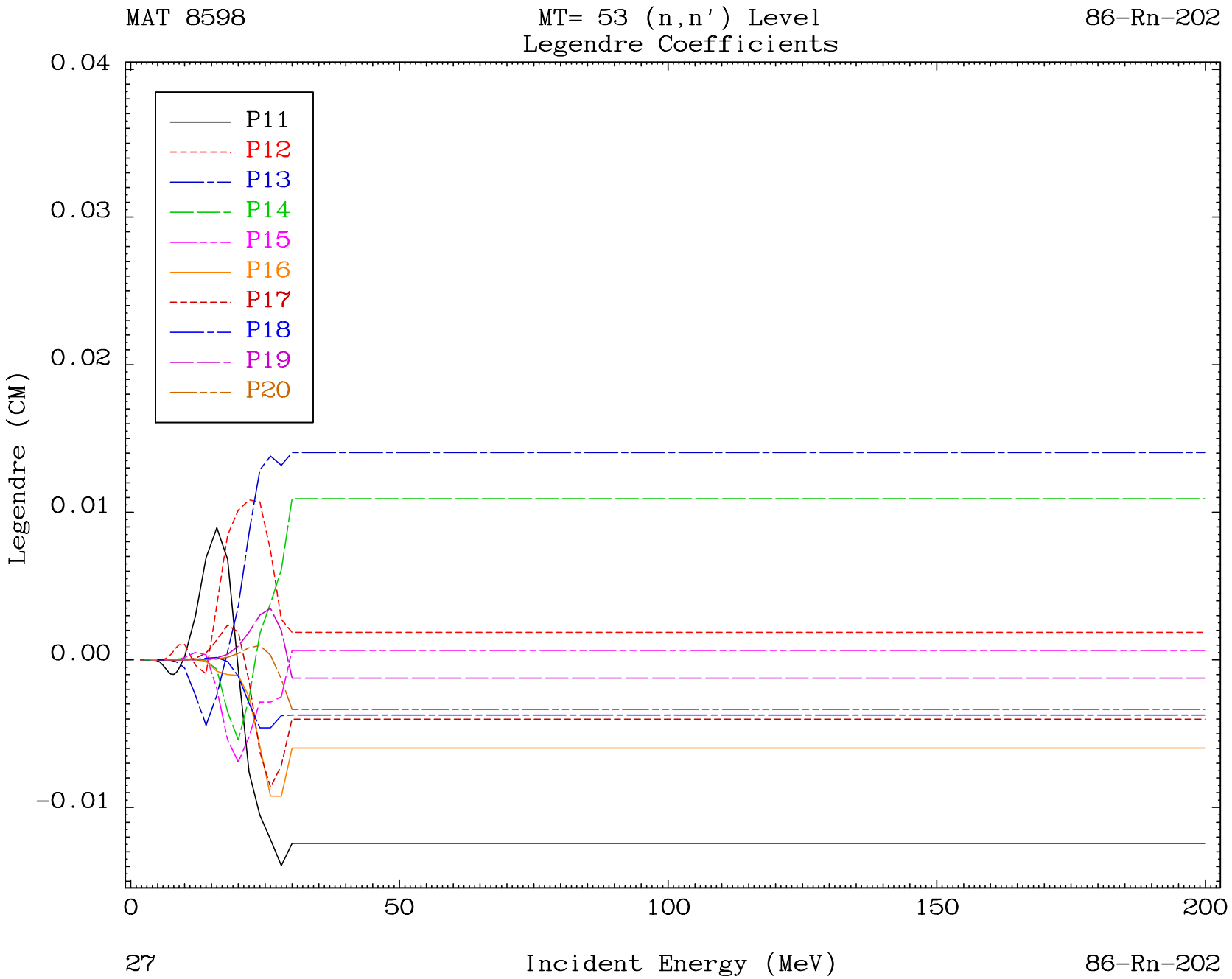

MAT 8598
MT= 51 (n,n') Level
Legendre Coefficients
86-Rn-202
X10 −6
3
2
1
0
Legendre (CM)
P31
P32
P33
P34
P35
P36
P37
P38
50
100
150
200
22
Incident Energy (MeV)
86-Rn-202

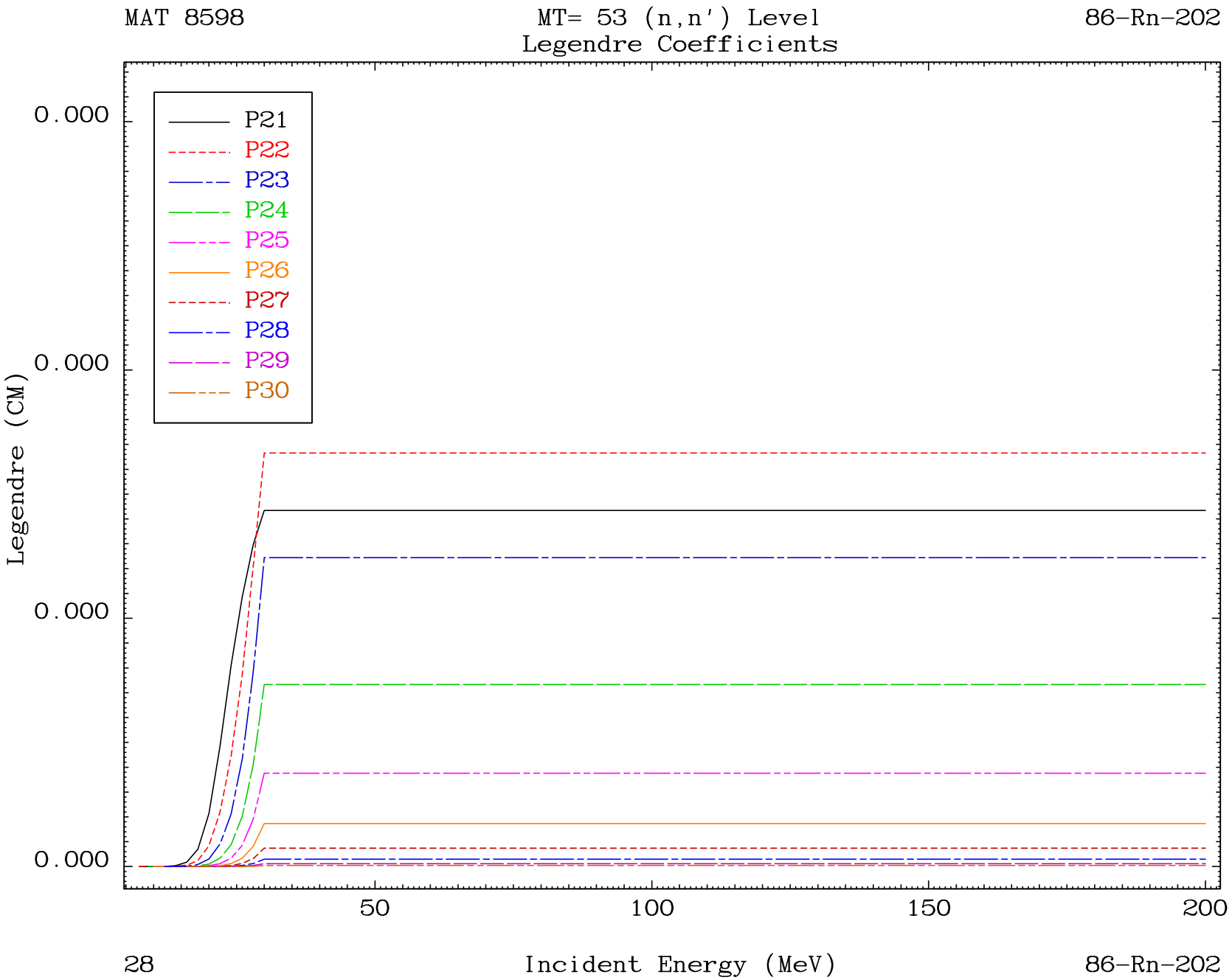

MAT 8598
MT= 52 (n,n') Level
Legendre Coefficients
86-Rn-202
0.12
0.08
0.04
0.00
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10
0
50
100
150
200
23
Incident Energy (MeV)
86-Rn-202

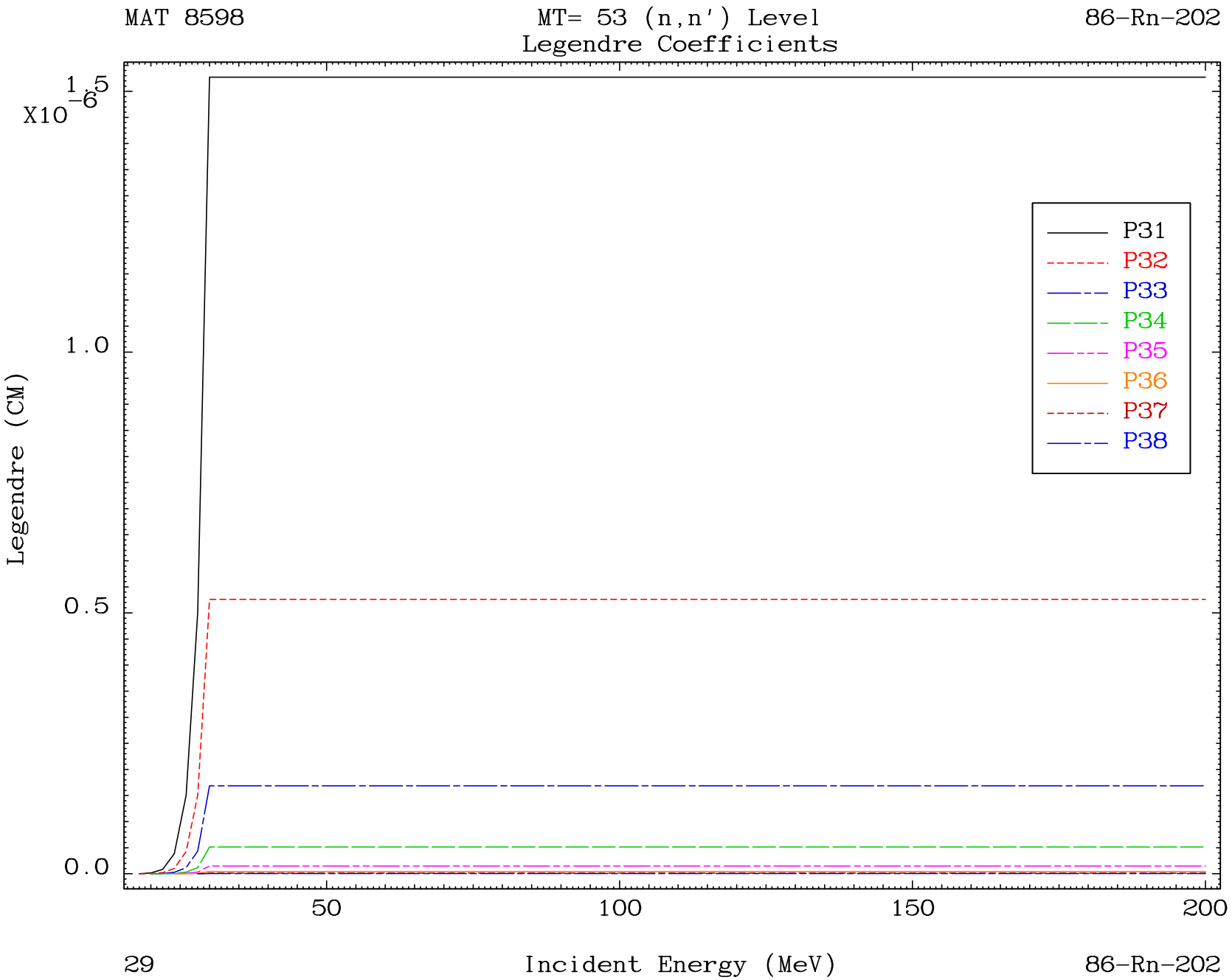

MAT 8598
MT= 52 (n,n') Level
Legendre Coefficients
86-Rn-202
X10^-3
0.5
0.0
-0.5
-1.0
-1.5
-2.0
Legendre (CM)
0
50
100
150
200
Incident Energy (MeV)
24
86-Rn-202
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20

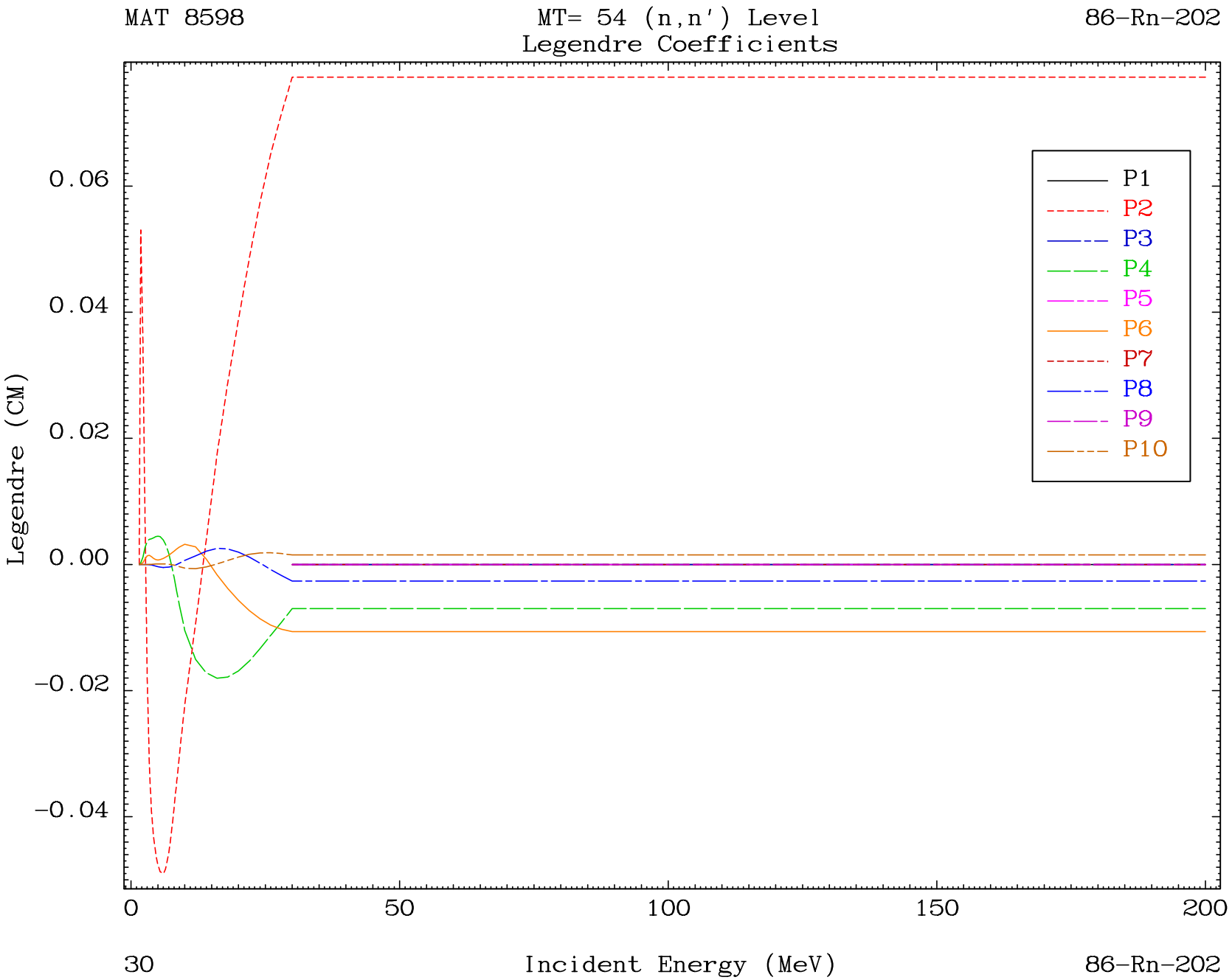

MAT 8598
MT= 52 (n,n') Level
Legendre Coefficients
86-Rn-202
X10 -6
4
3
2
1
0
Legendre (CM)
P21
P22
P23
P24
P25
P26
P27
P28
50
100
150
200
25
Incident Energy (MeV)
86-Rn-202

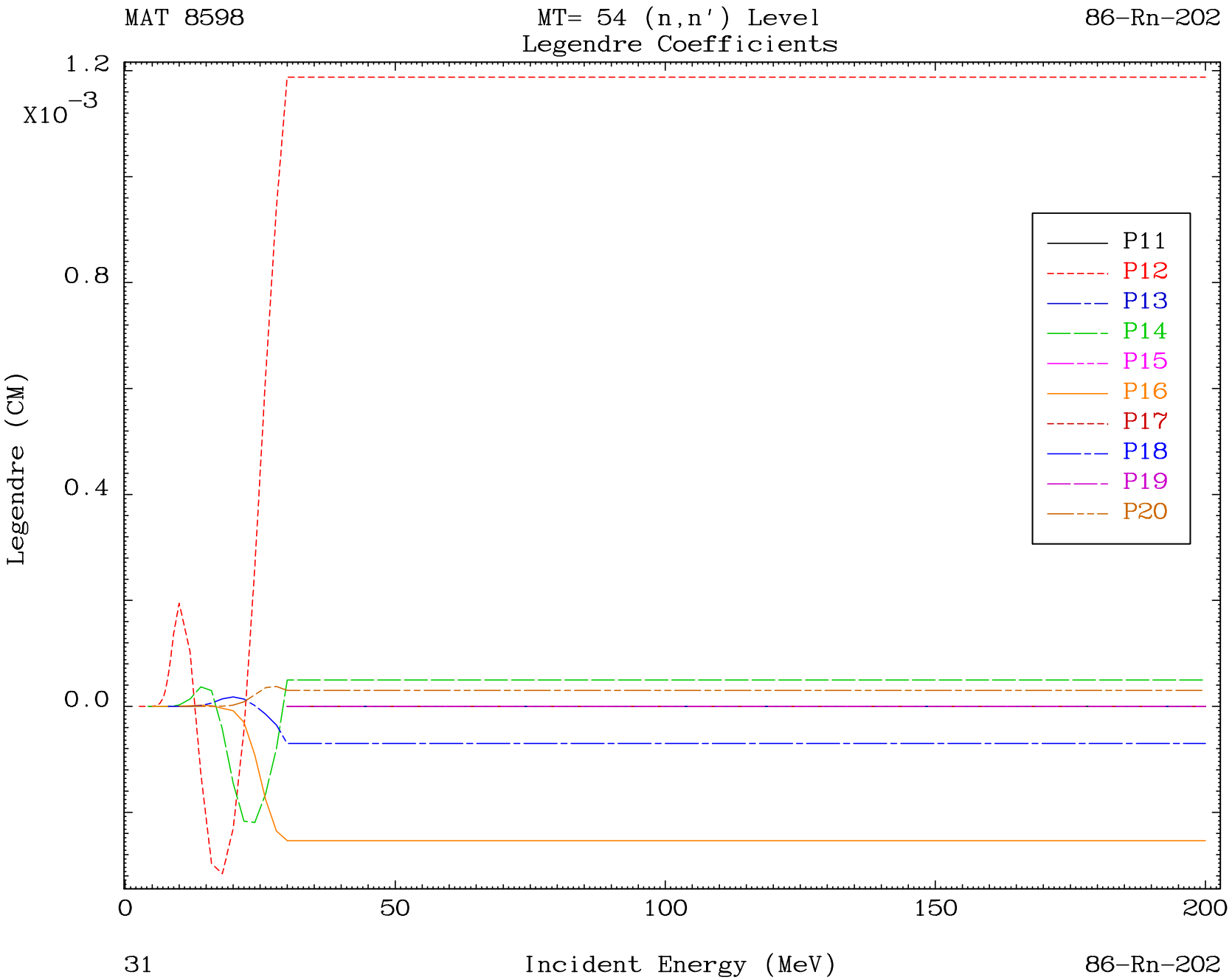

MAT 8598
MT= 53 (n,n') Level
Legendre Coefficients
86-Rn-202
Legendre (CM)
0.5
0.4
0.3
0.2
0.1
0.0
0
50
100
150
200
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10
26
Incident Energy (MeV)
86-Rn-202

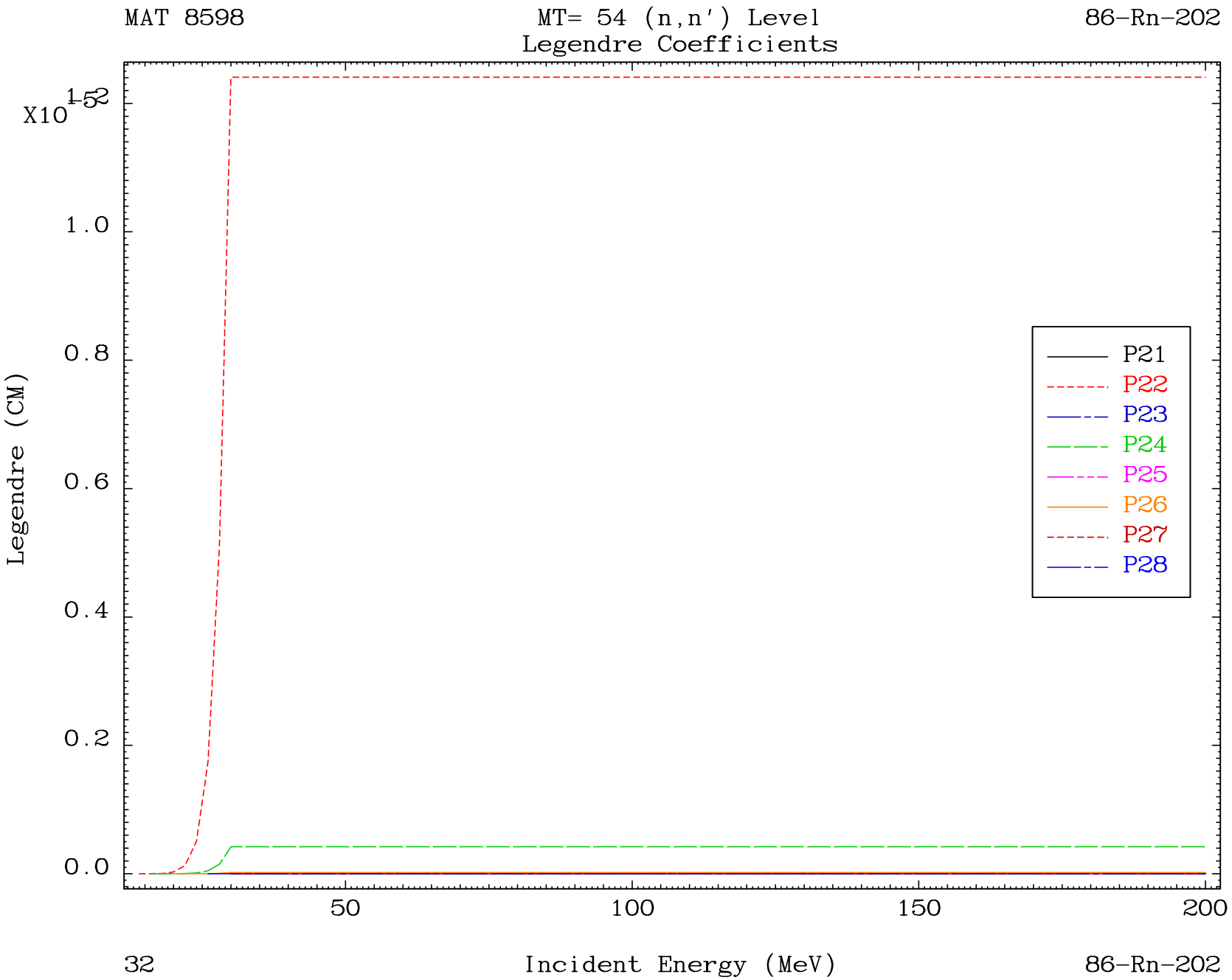

MAT 8598
MT= 53 (n,n') Level
Legendre Coefficients
86-Rn-202
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20
0.04
0.03
0.02
0.01
0.00
-0.01
Legendre (CM)
0
50
100
150
200
27
Incident Energy (MeV)
86-Rn-202

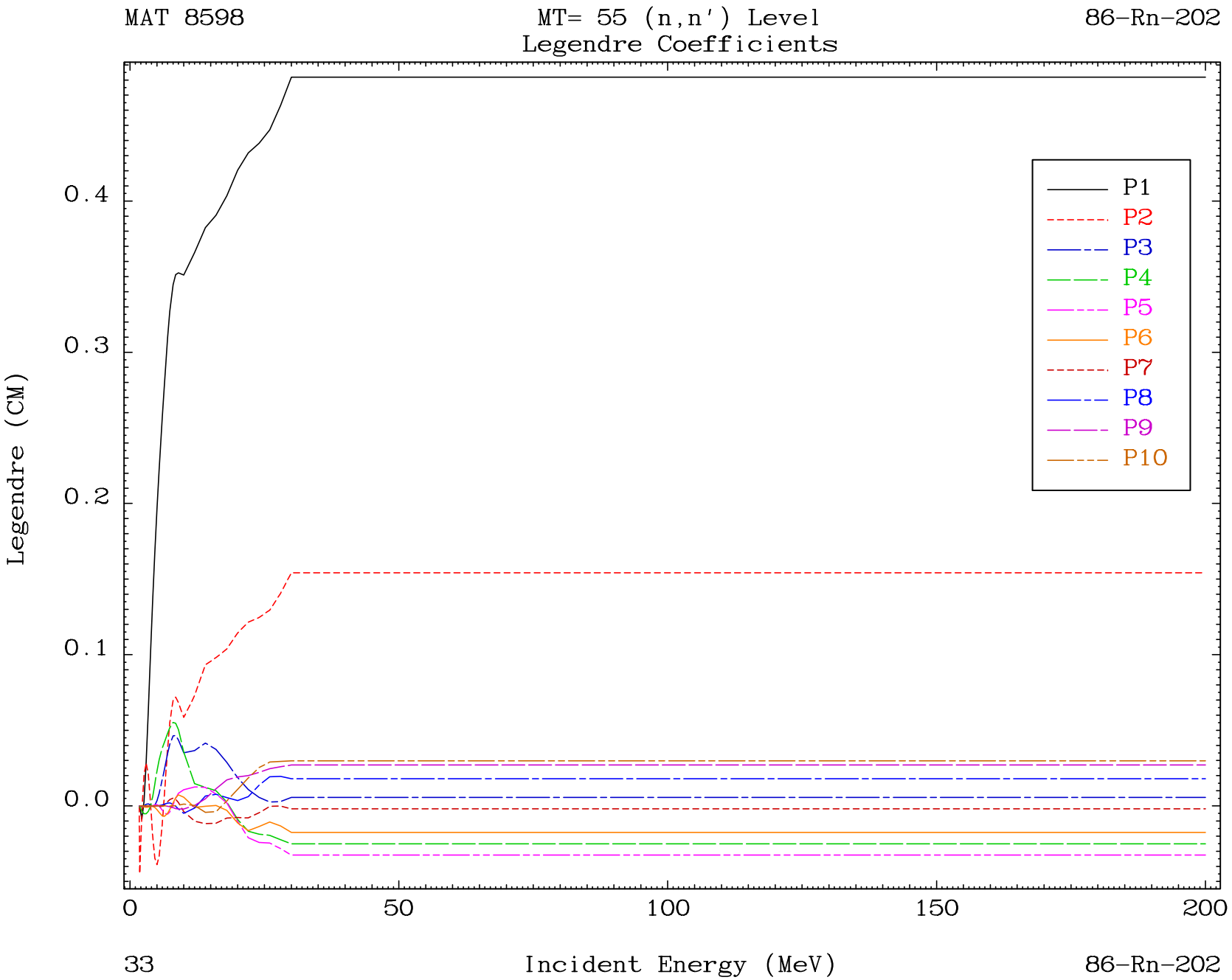

MAT 8598
MT= 53 (n,n') Level
Legendre Coefficients
86-Rn-202
P21
P22
P23
P24
P25
P26
P27
P28
P29
P30
0.000
0.000
0.000
0.000
Legendre (CM)
50
100
150
200
28
Incident Energy (MeV)
86-Rn-202

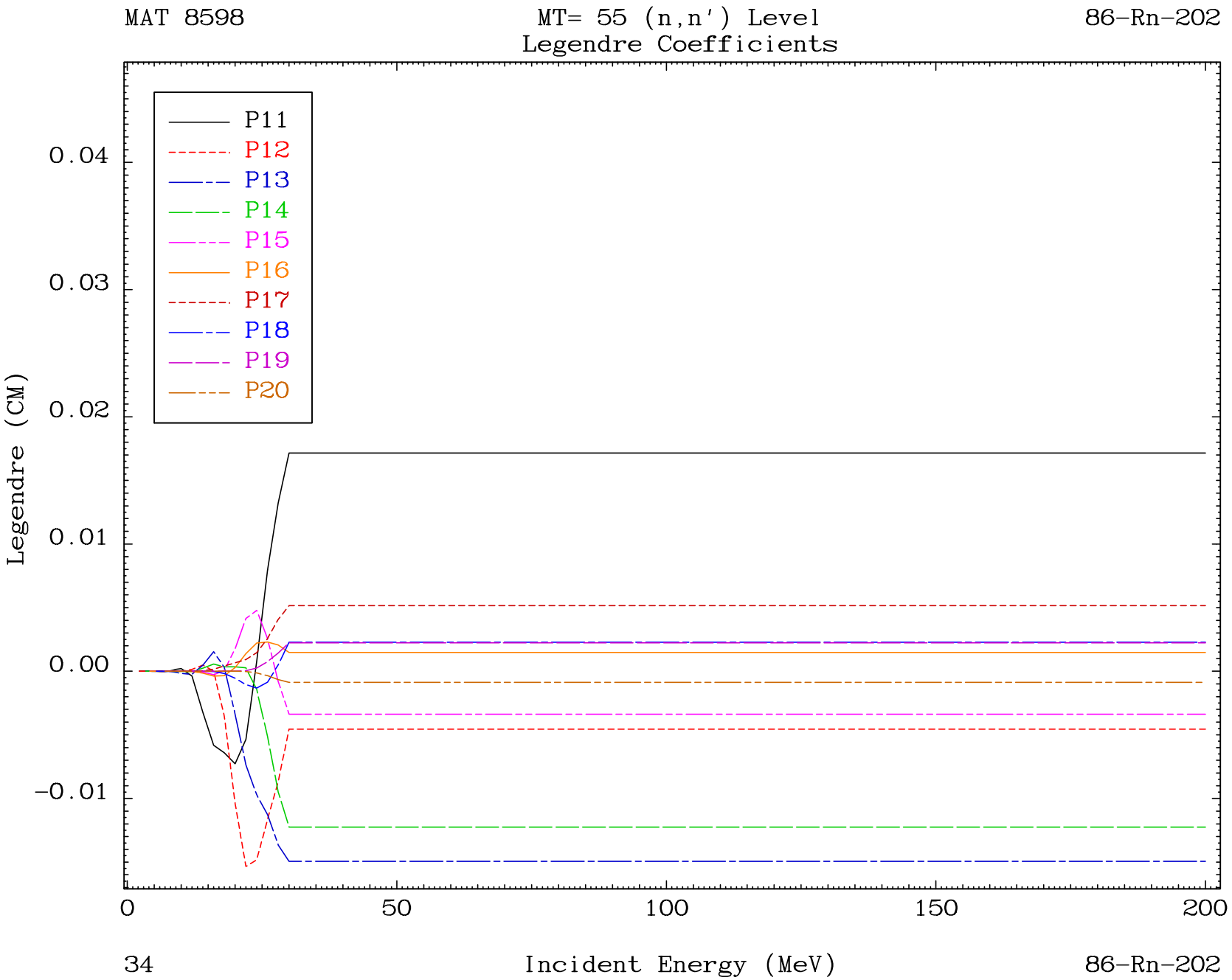

MAT 8598
MT= 53 (n,n') Level
Legendre Coefficients
86-Rn-202
X10 -6
1.5
1.0
0.5
0.0
Legendre (CM)
P31
P32
P33
P34
P35
P36
P37
P38
50
100
150
200
29
Incident Energy (MeV)
86-Rn-202

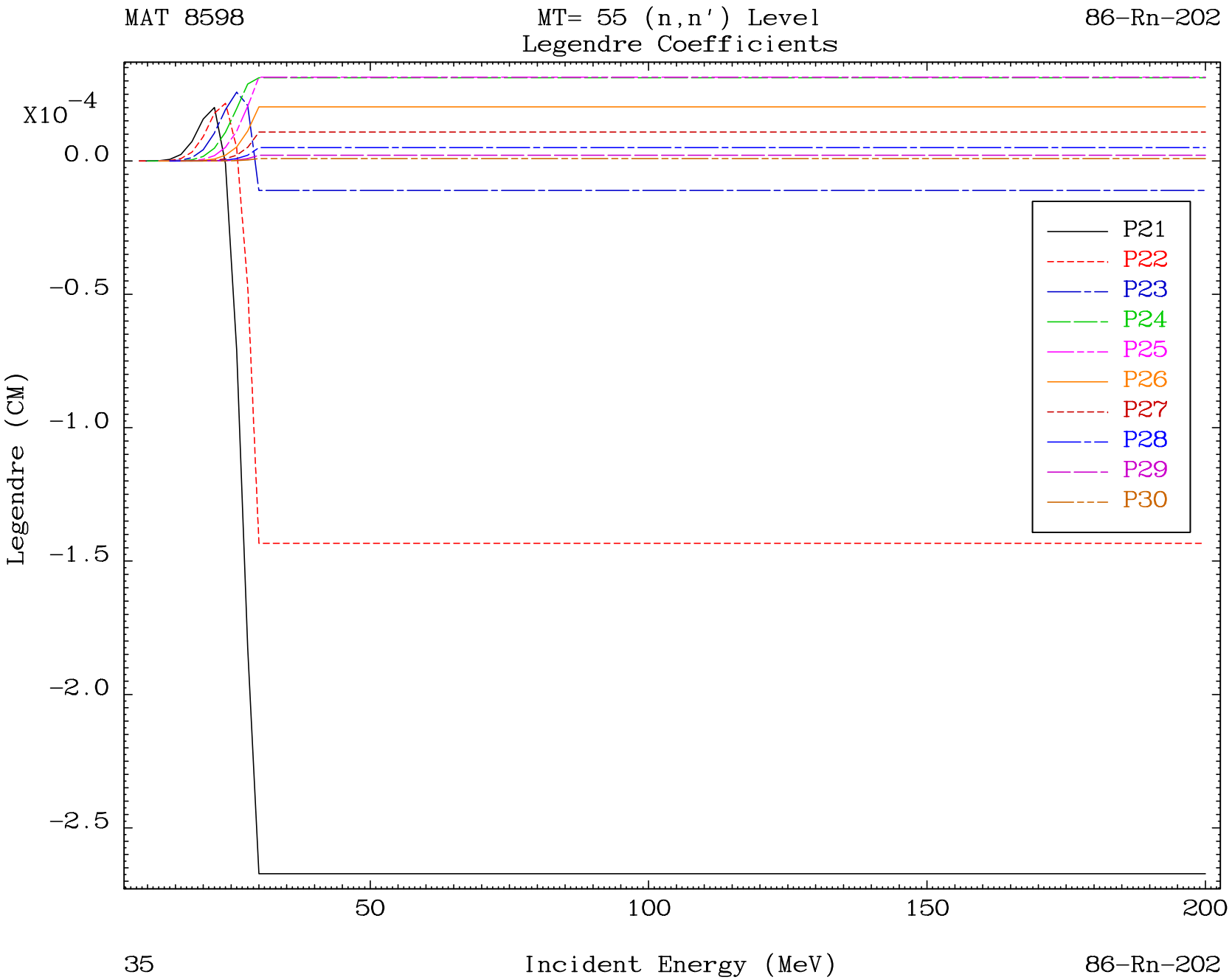

MAT 8598
MT= 54 (n,n') Level
Legendre Coefficients
86-Rn-202
0.06
0.04
0.02
0.00
-0.02
-0.04
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10
0
50
100
150
200
30
Incident Energy (MeV)
86-Rn-202

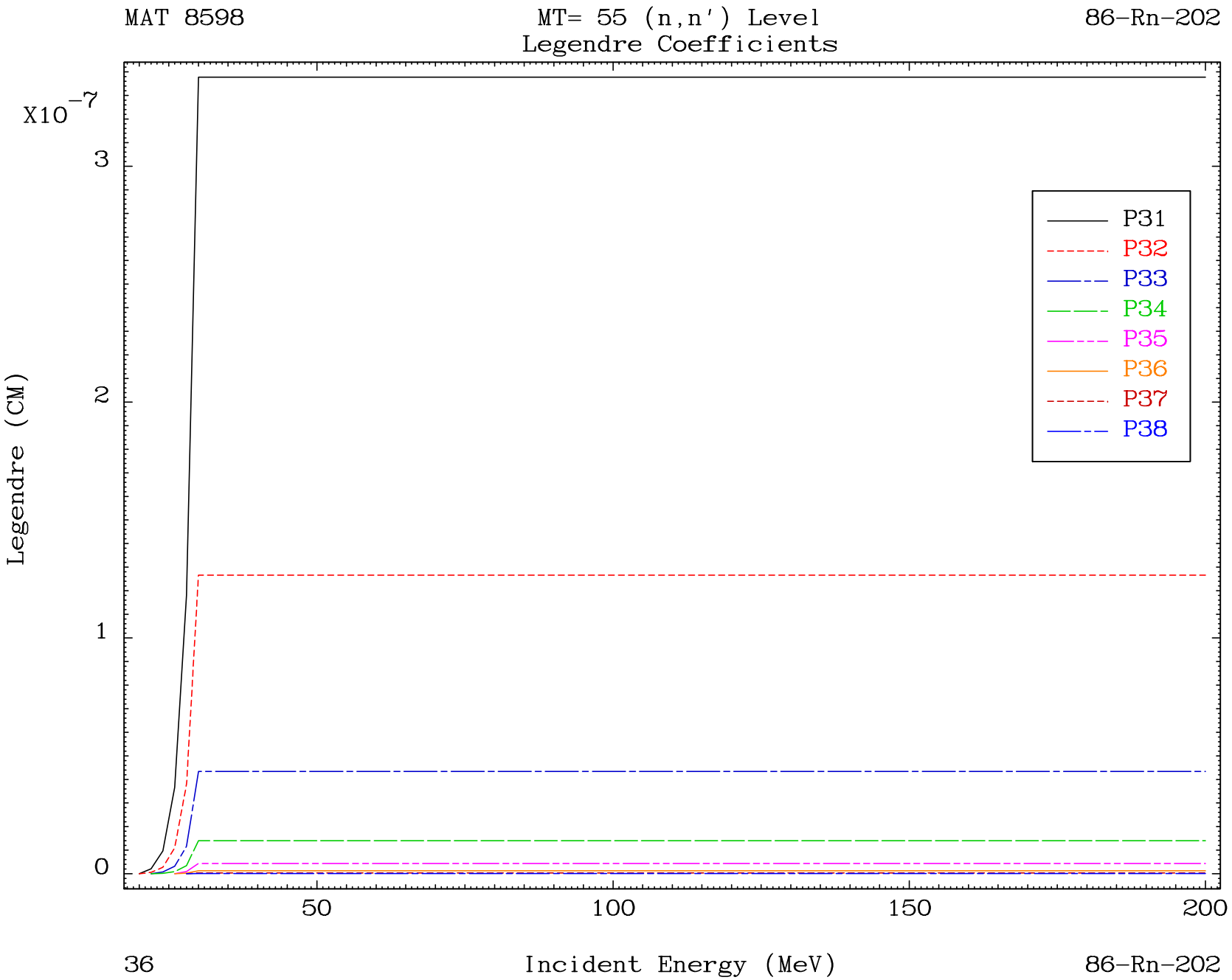

MAT 8598
MT= 54 (n,n') Level
Legendre Coefficients
86-Rn-202
1.2
X10^-3
0.8
0.4
0.0
Legendre (CM)
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20
0
50
100
150
200
31
Incident Energy (MeV)
86-Rn-202

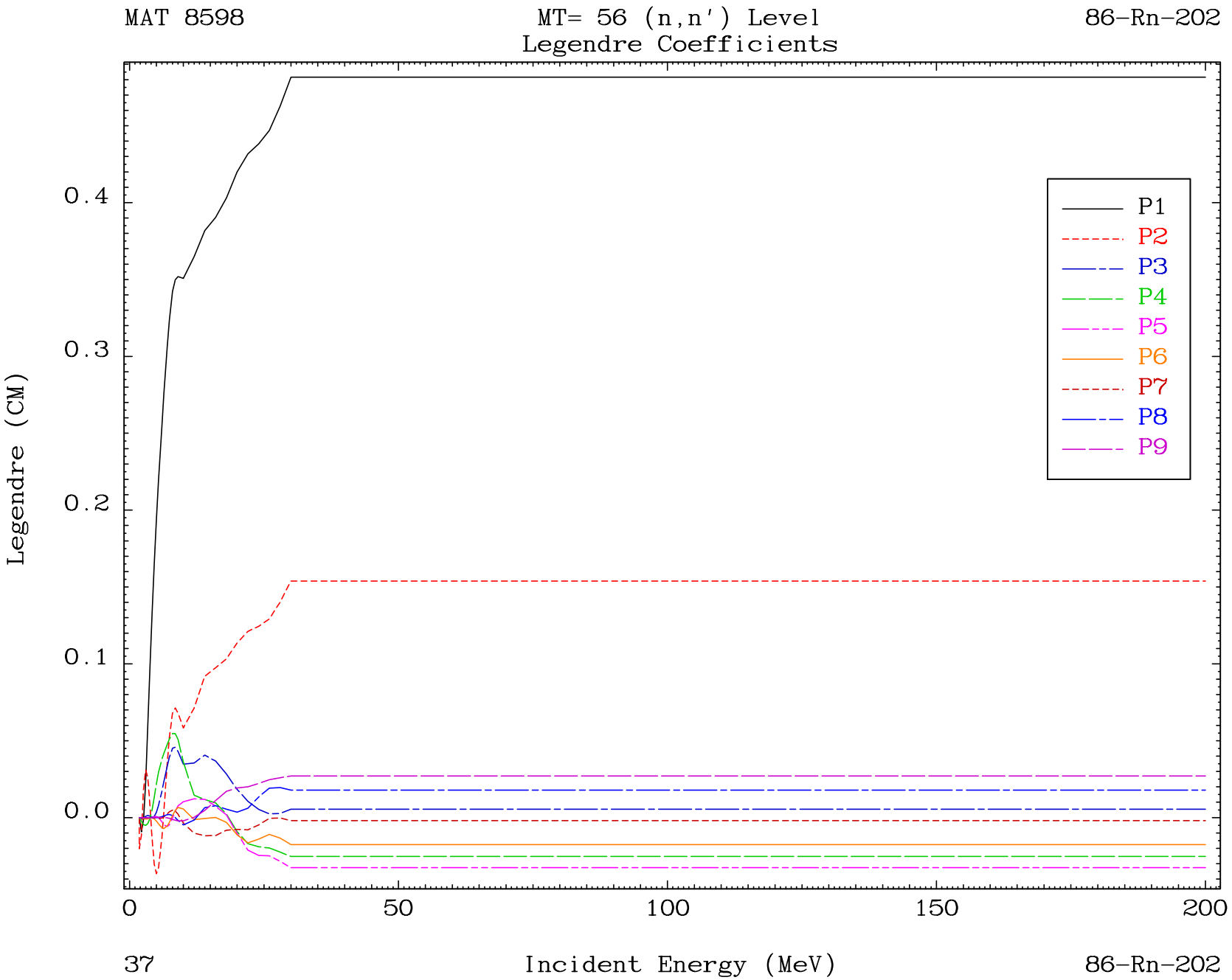

MAT 8598
MT= 54 (n,n') Level
Legendre Coefficients
86-Rn-202
X10-2
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Legendre (CM)
50
100
150
200
32
Incident Energy (MeV)
86-Rn-202
P21
P22
P23
P24
P25
P26
P27
P28

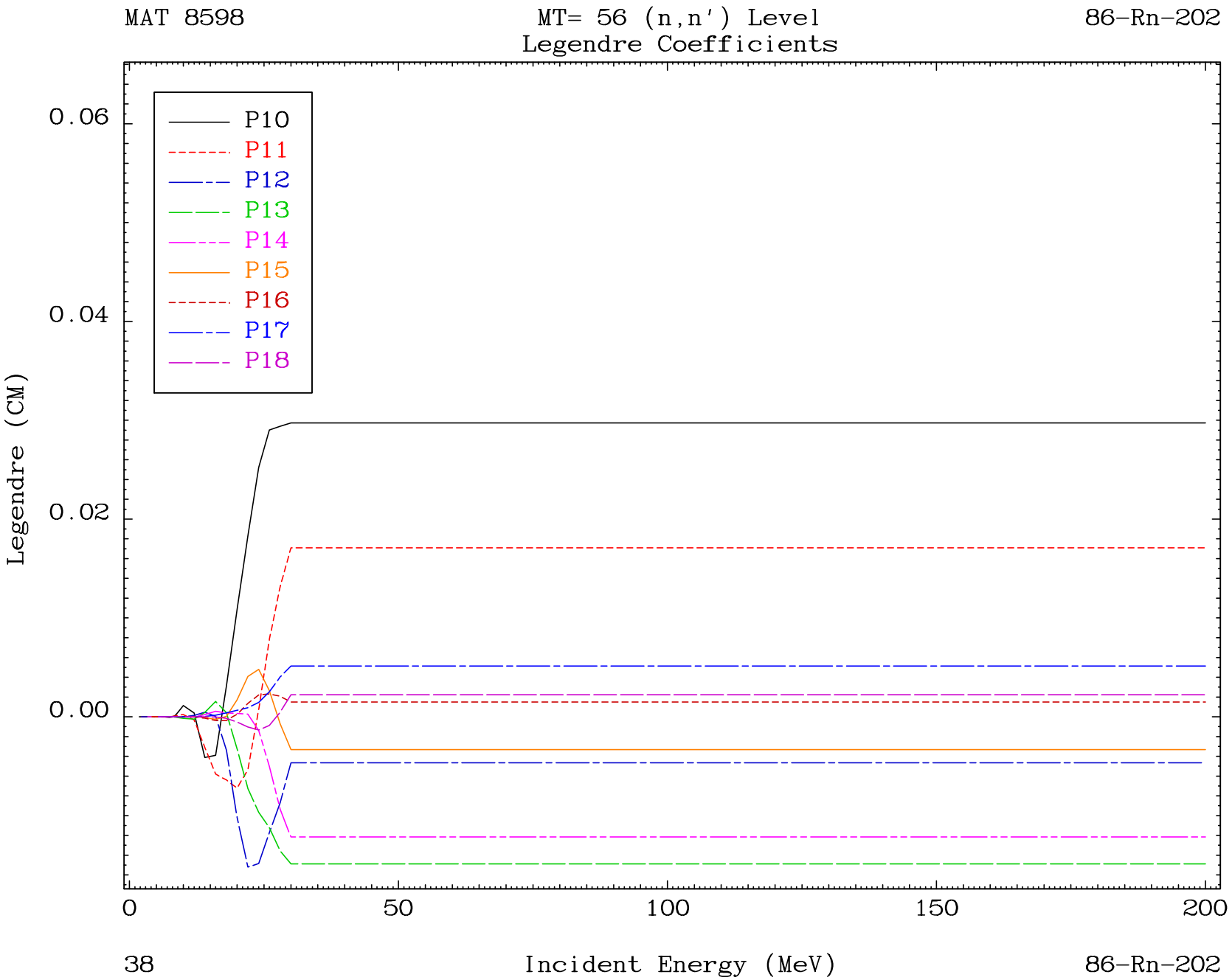

MAT 8598
MT= 55 (n,n') Level
Legendre Coefficients
86-Rn-202
Legendre (CM)
0.4
0.3
0.2
0.1
0.0
0
50
100
150
200
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10
33
Incident Energy (MeV)
86-Rn-202

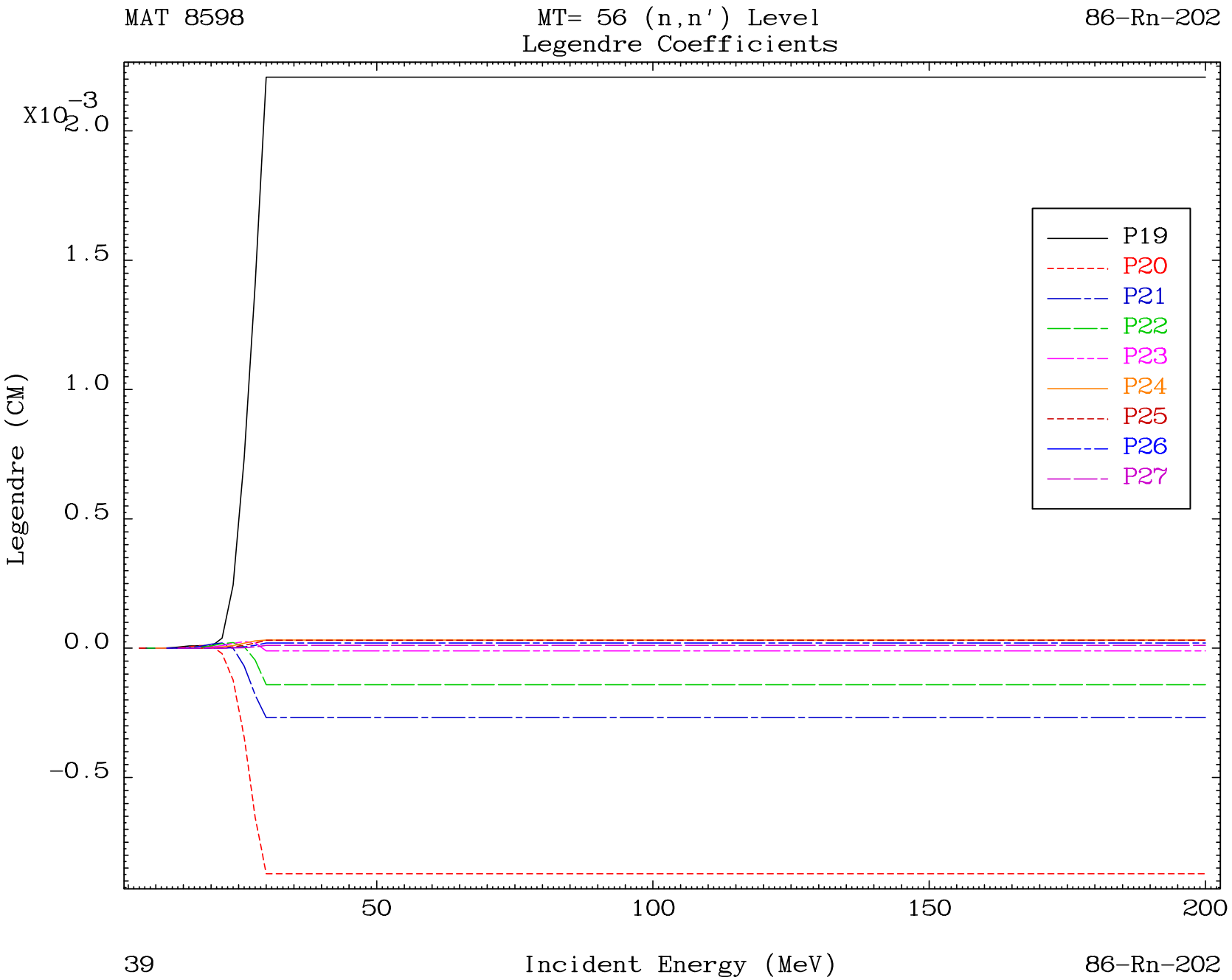

MAT 8598
MT= 55 (n,n') Level
Legendre Coefficients
86-Rn-202
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20
0.04
0.03
0.02
0.01
0.00
-0.01
Legendre (CM)
0
50
100
150
200
34
Incident Energy (MeV)
86-Rn-202

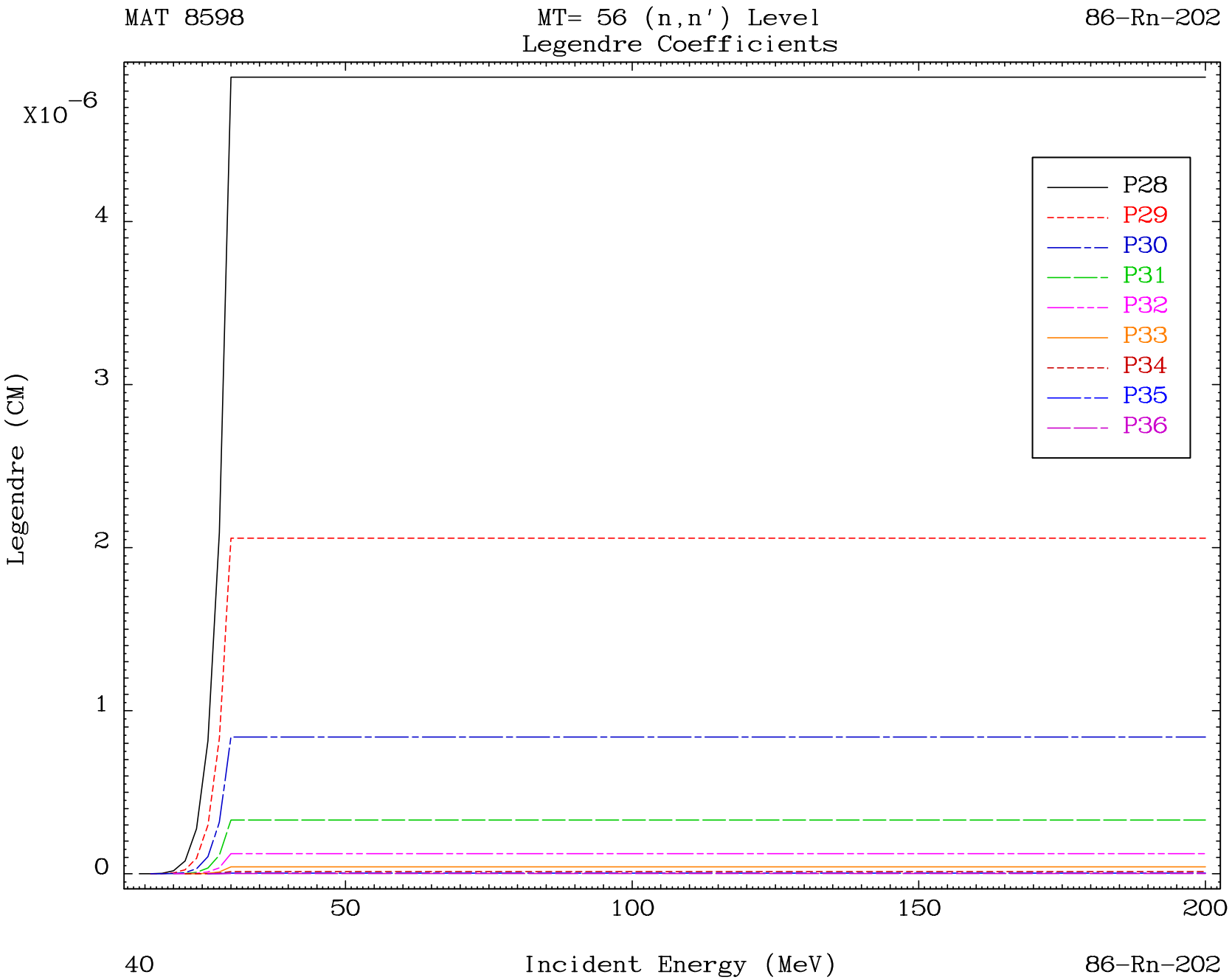

MAT 8598
MT= 55 (n,n') Level
Legendre Coefficients
86-Rn-202
X10^-4
0.0
-0.5
-1.0
-1.5
-2.0
-2.5
Legendre (CM)
P21
P22
P23
P24
P25
P26
P27
P28
P29
P30
50
100
150
200
35
Incident Energy (MeV)
86-Rn-202

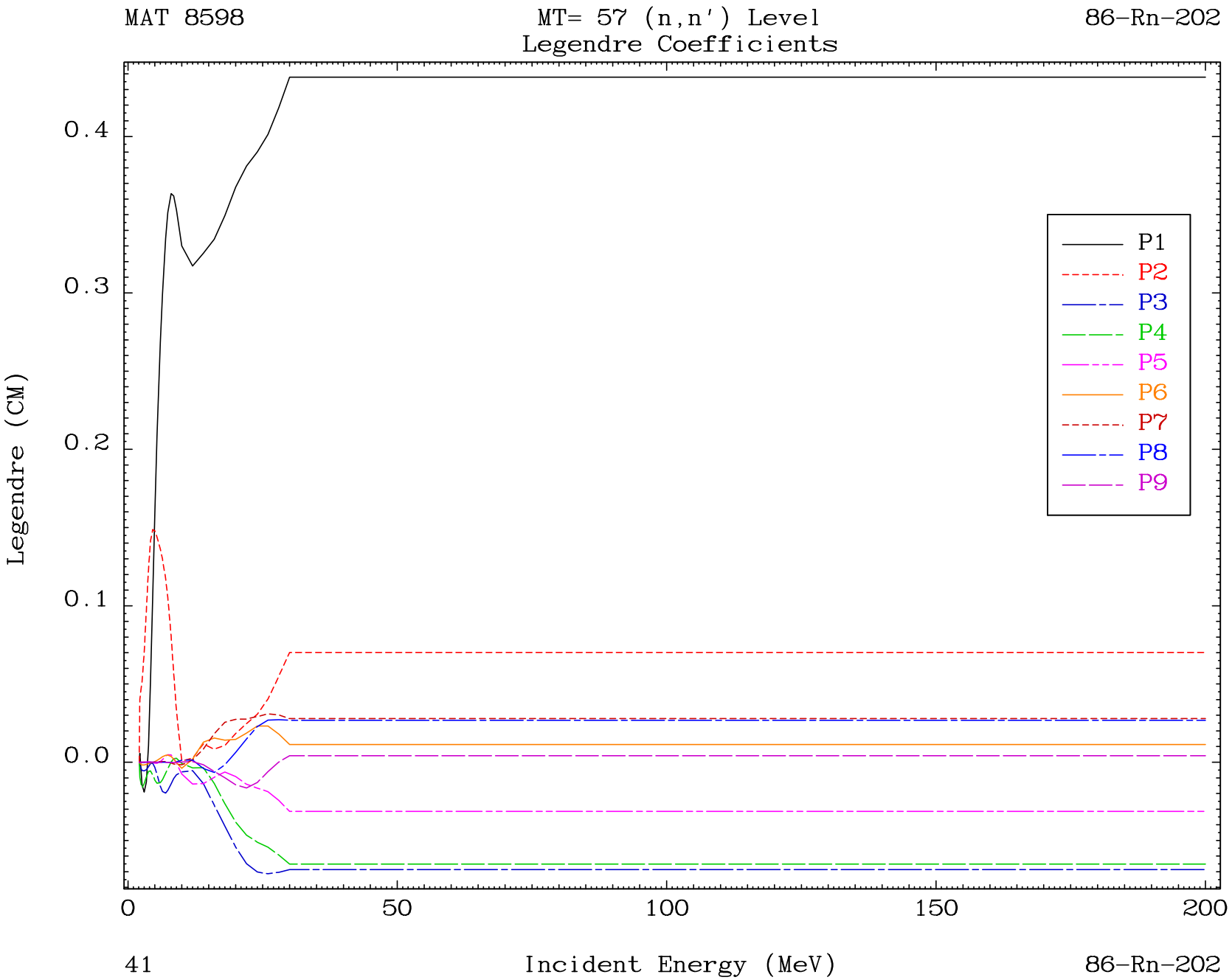

MAT 8598
MT= 55 (n,n') Level
Legendre Coefficients
86-Rn-202
X10-7
3
2
1
0
Legendre (CM)
P31
P32
P33
P34
P35
P36
P37
P38
50
100
150
200
36
Incident Energy (MeV)
86-Rn-202

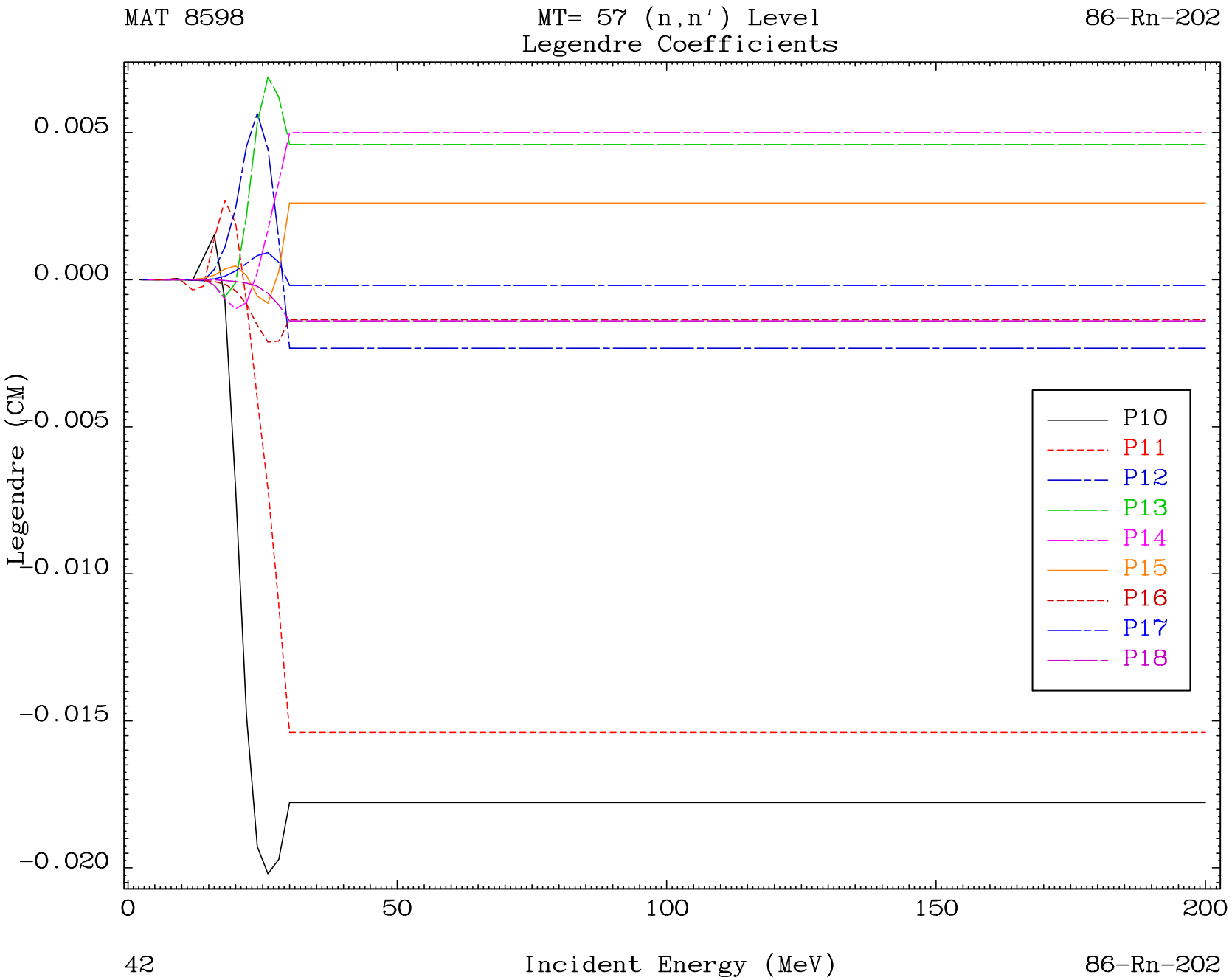

MAT 8598
MT= 56 (n,n') Level
Legendre Coefficients
86-Rn-202
Legendre (CM)
0.4
0.3
0.2
0.1
0.0
0
50
100
150
200
P1
P2
P3
P4
P5
P6
P7
P8
P9
37
Incident Energy (MeV)
86-Rn-202

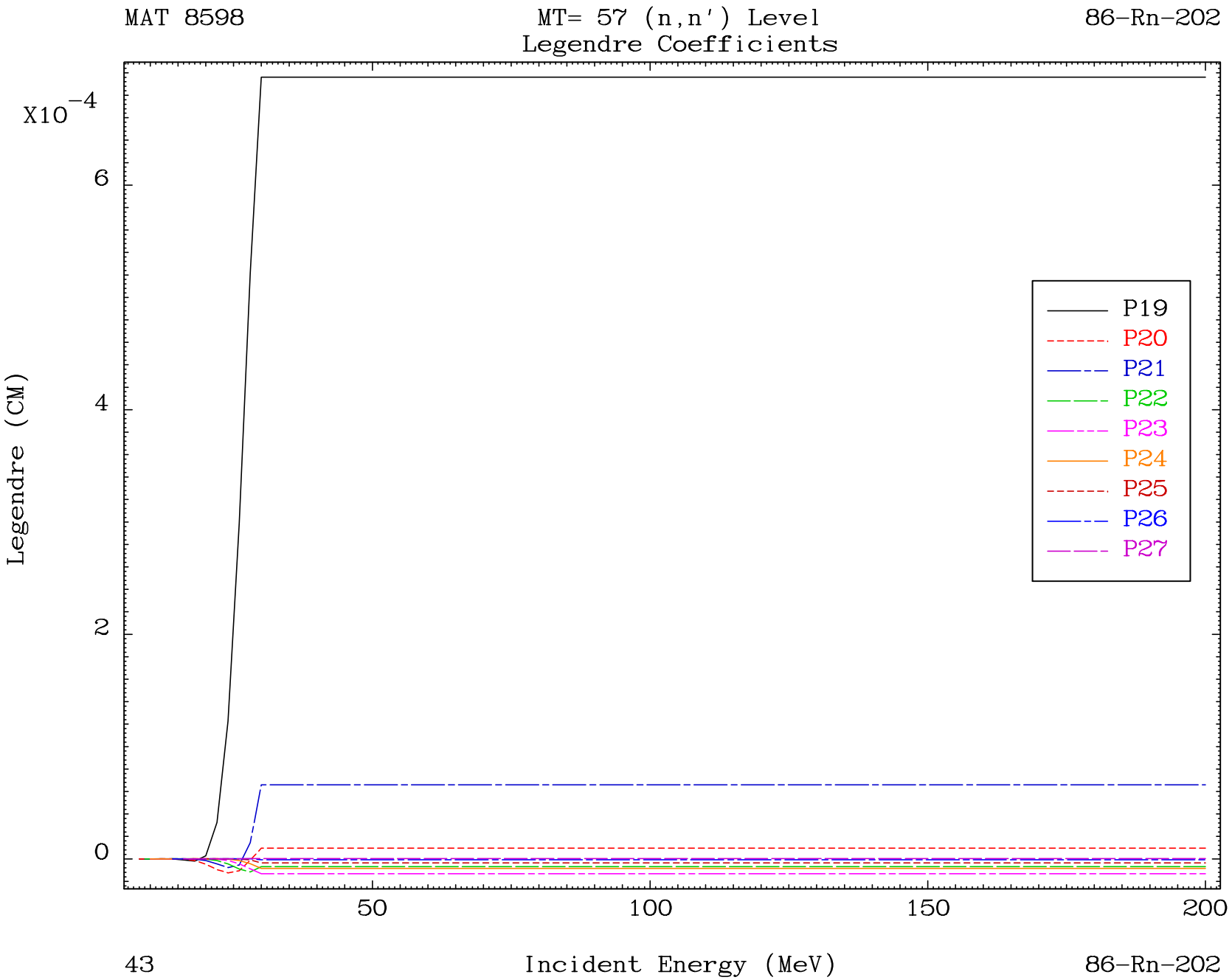

MAT 8598
MT= 56 (n,n') Level
Legendre Coefficients
86-Rn-202
P10
P11
P12
P13
P14
P15
P16
P17
P18
0.06
0.04
0.02
0.00
Legendre (CM)
0
50
100
150
200
38
Incident Energy (MeV)
86-Rn-202

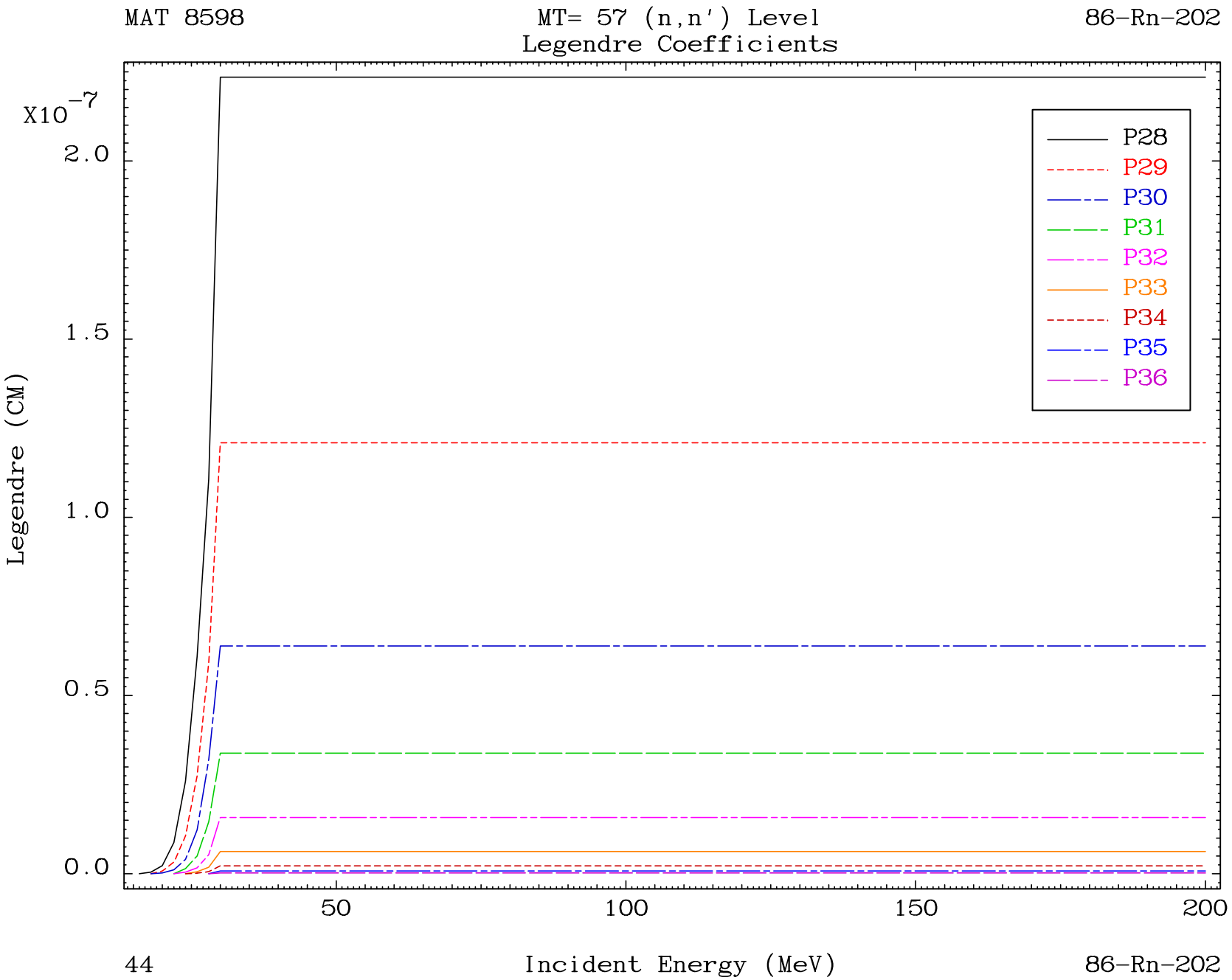

MAT 8598
MT= 56 (n,n') Level
Legendre Coefficients
86-Rn-202
X10-3
2.0
1.5
1.0
0.5
0.0
-0.5
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
P27
50
100
150
200
39
Incident Energy (MeV)
86-Rn-202

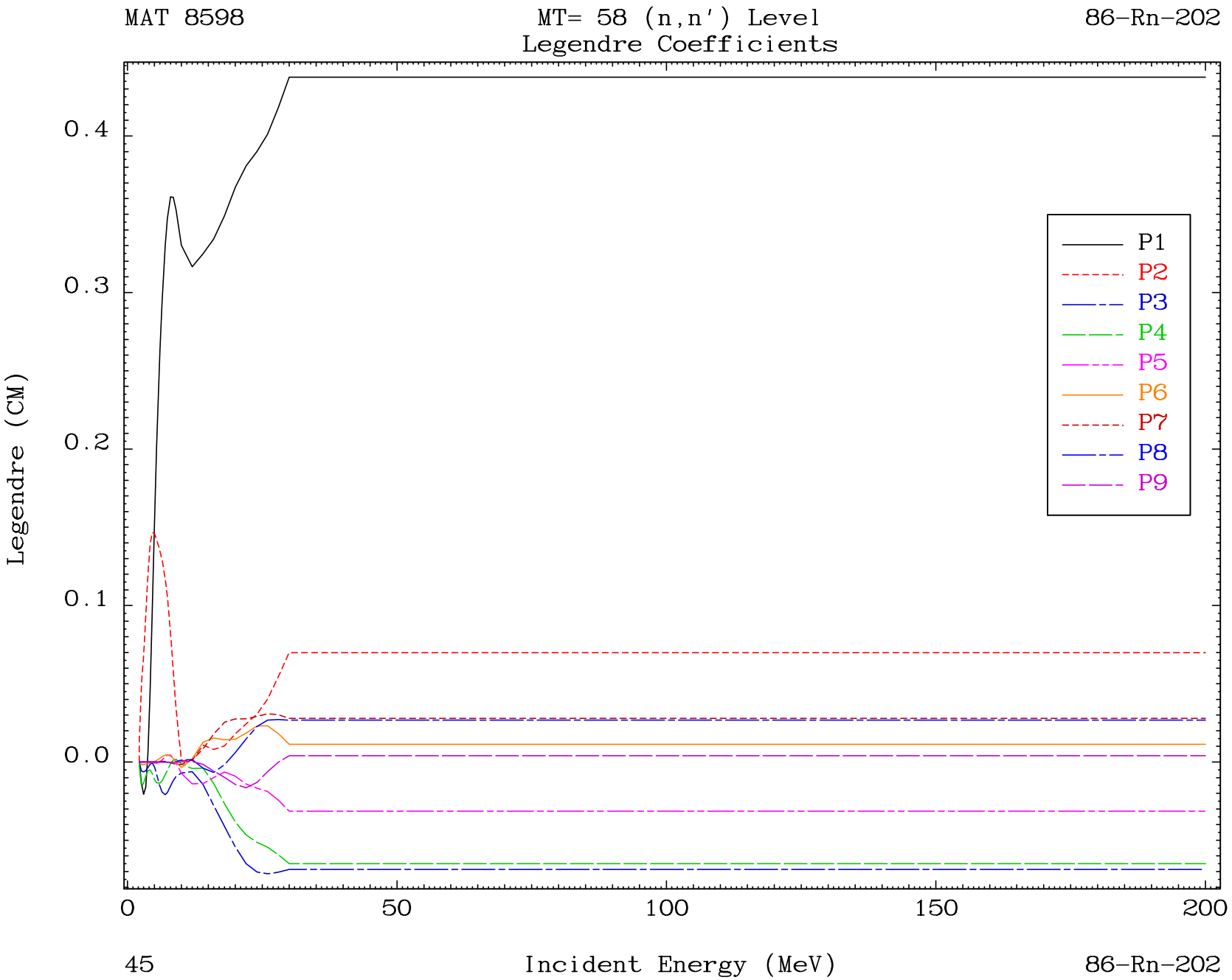

MAT 8598
MT= 56 (n,n') Level
Legendre Coefficients
86-Rn-202
X10 −6
4
3
2
1
0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
P35
P36
50
100
150
200
40
Incident Energy (MeV)
86-Rn-202

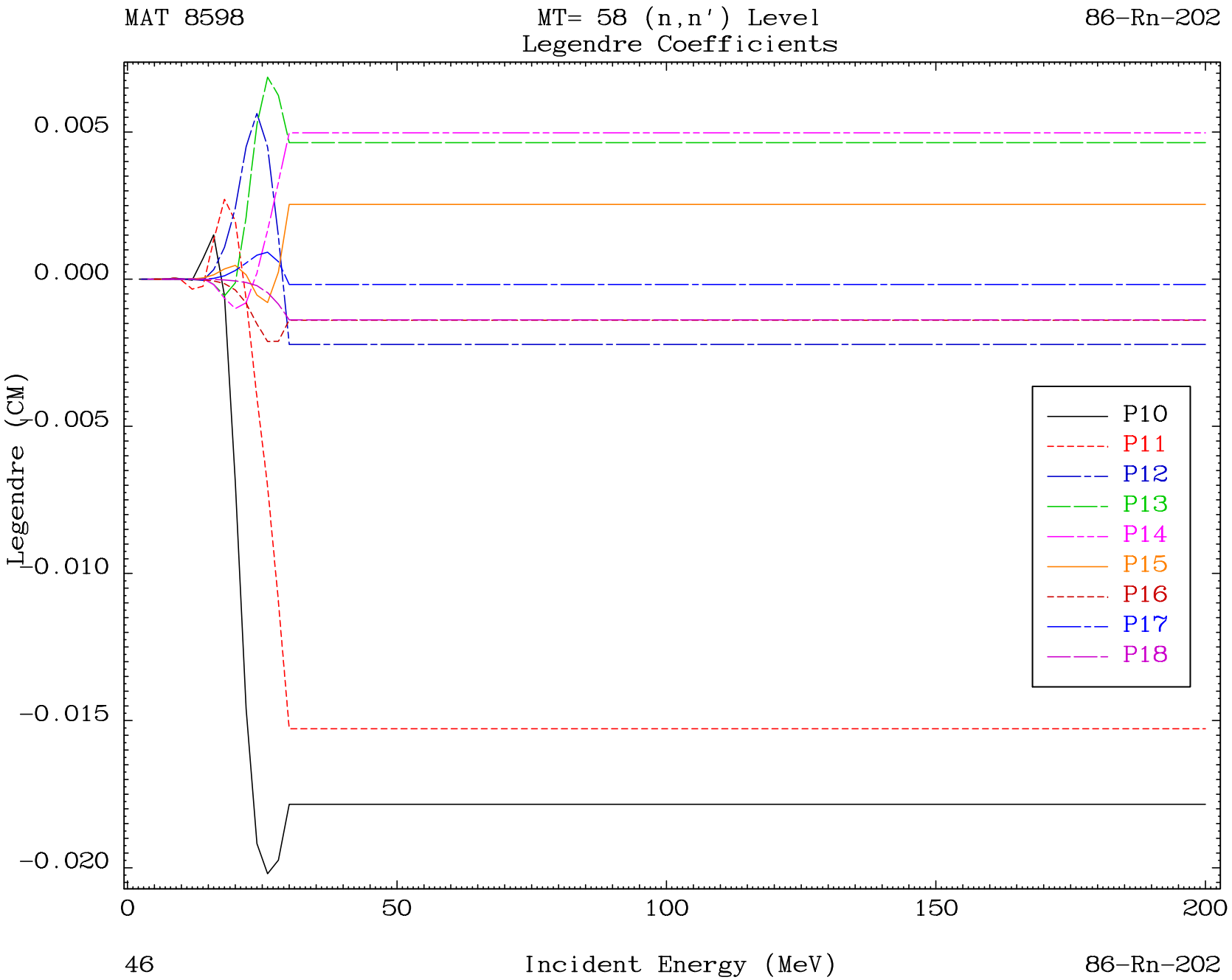

MAT 8598
MT= 57 (n,n') Level
Legendre Coefficients
86-Rn-202
Legendre (CM)
0.4
0.3
0.2
0.1
0.0
0
50
100
150
200
Incident Energy (MeV)
41
86-Rn-202
P1
P2
P3
P4
P5
P6
P7
P8
P9

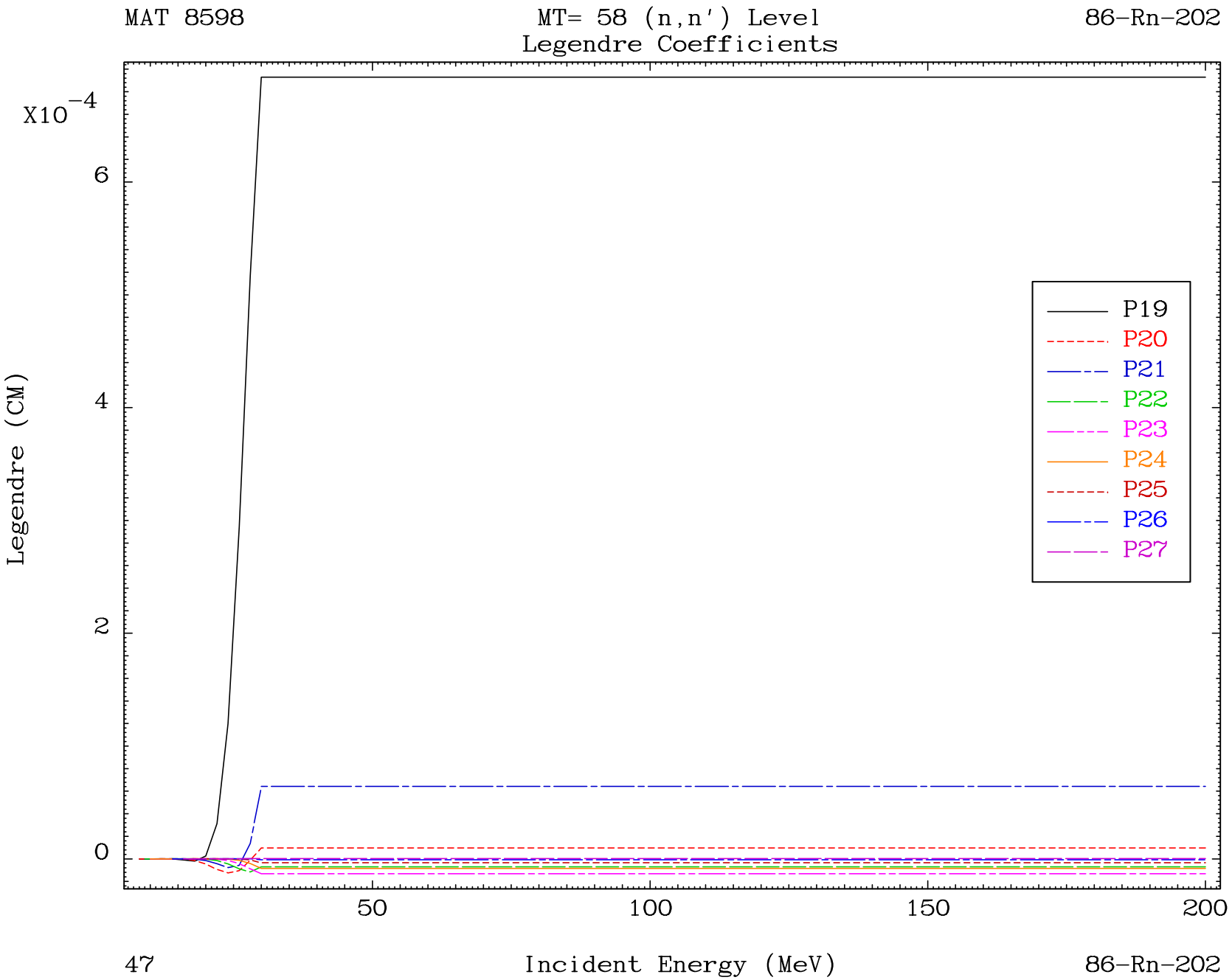

MAT 8598
MT= 57 (n,n') Level
Legendre Coefficients
86-Rn-202
0.005
0.000
-0.005
-0.010
-0.015
-0.020
Legendre (CM)
0
50
100
150
200
P10
P11
P12
P13
P14
P15
P16
P17
P18
42
Incident Energy (MeV)
86-Rn-202

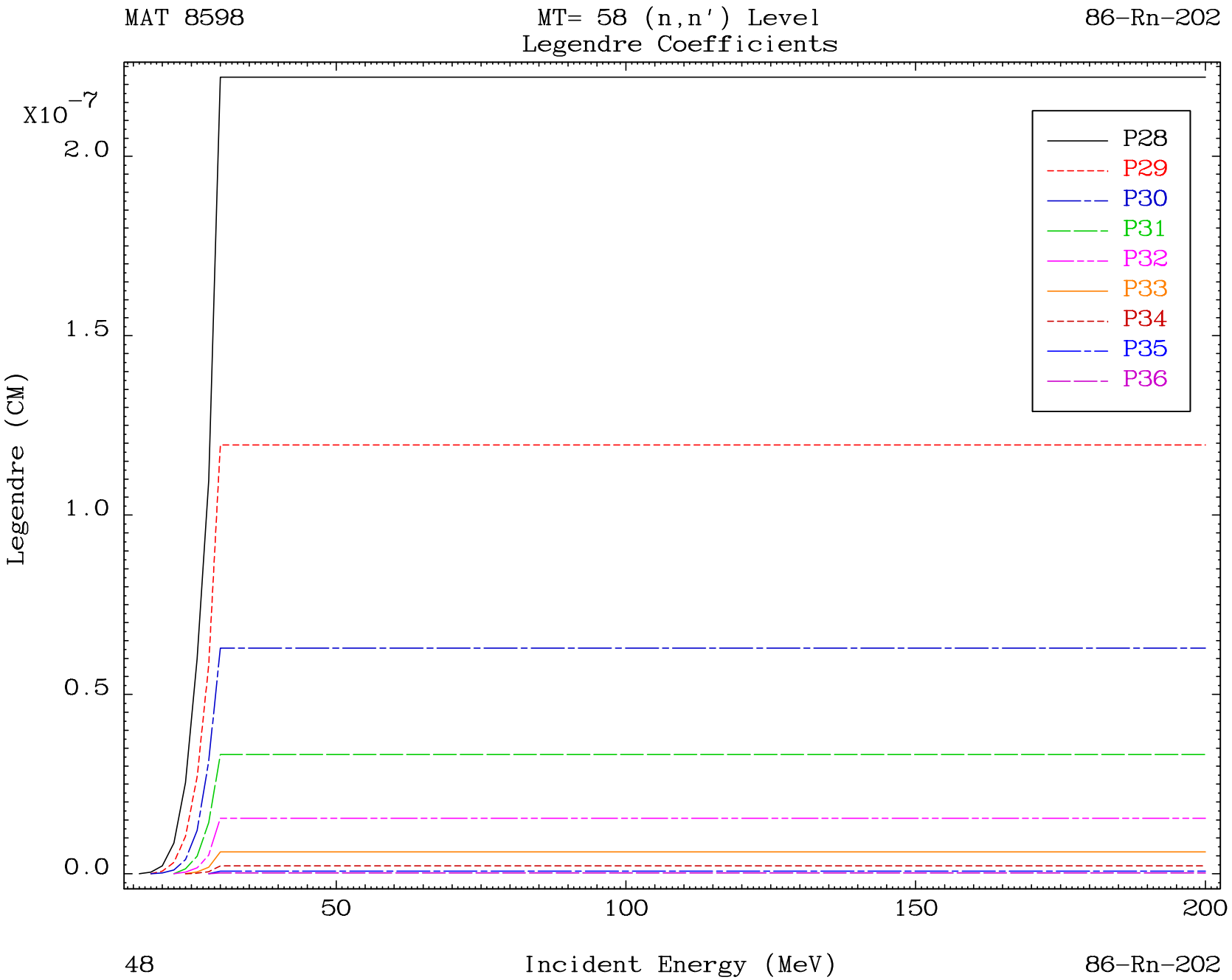

MAT 8598
MT= 57 (n,n') Level
Legendre Coefficients
86-Rn-202
X10^-4
6
4
2
0
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
P27
50
100
150
200
43
Incident Energy (MeV)
86-Rn-202

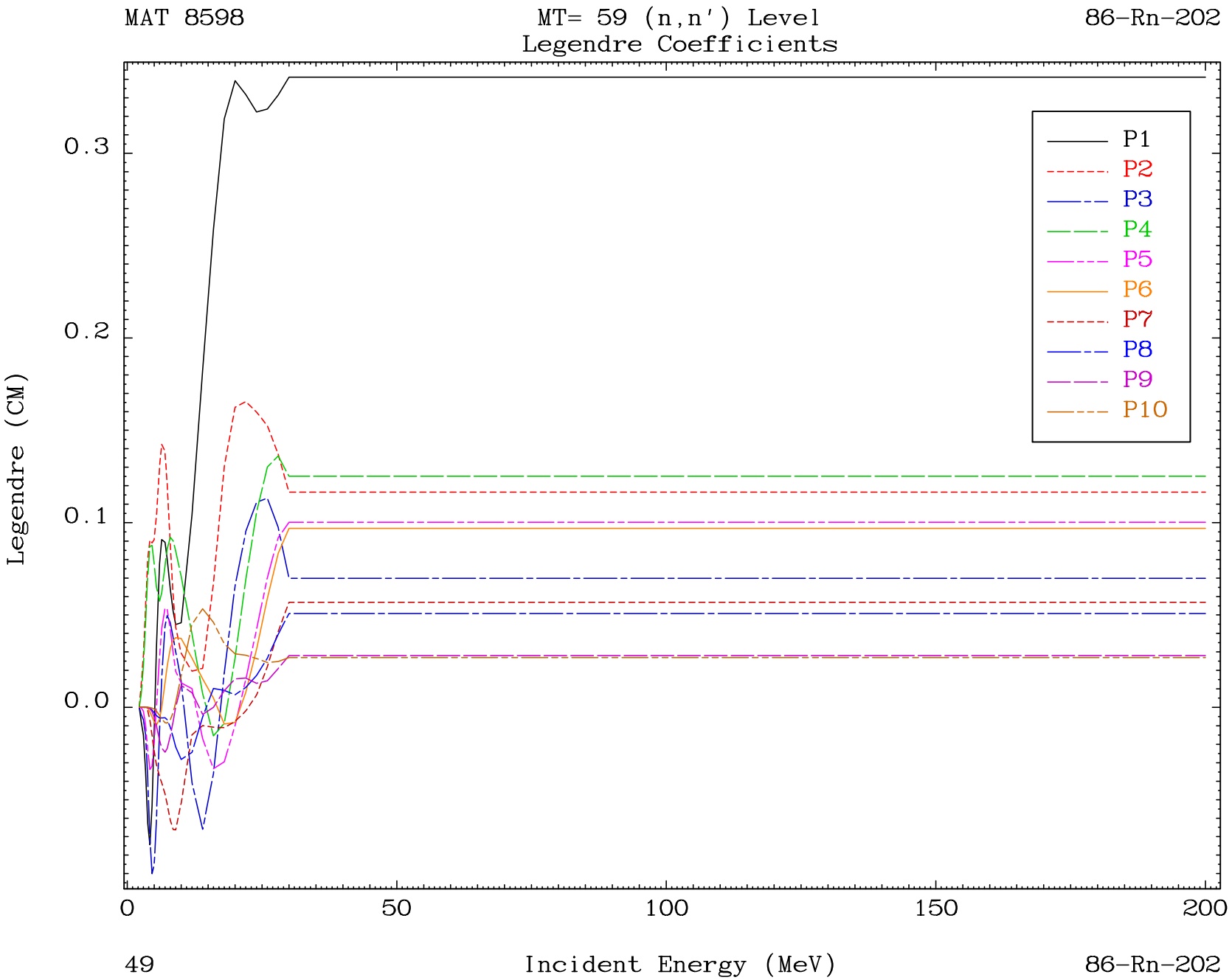

MAT 8598
MT= 57 (n,n') Level
Legendre Coefficients
86-Rn-202
X10-7
2.0
1.5
1.0
0.5
0.0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
P35
P36
50
100
150
200
44
Incident Energy (MeV)
86-Rn-202

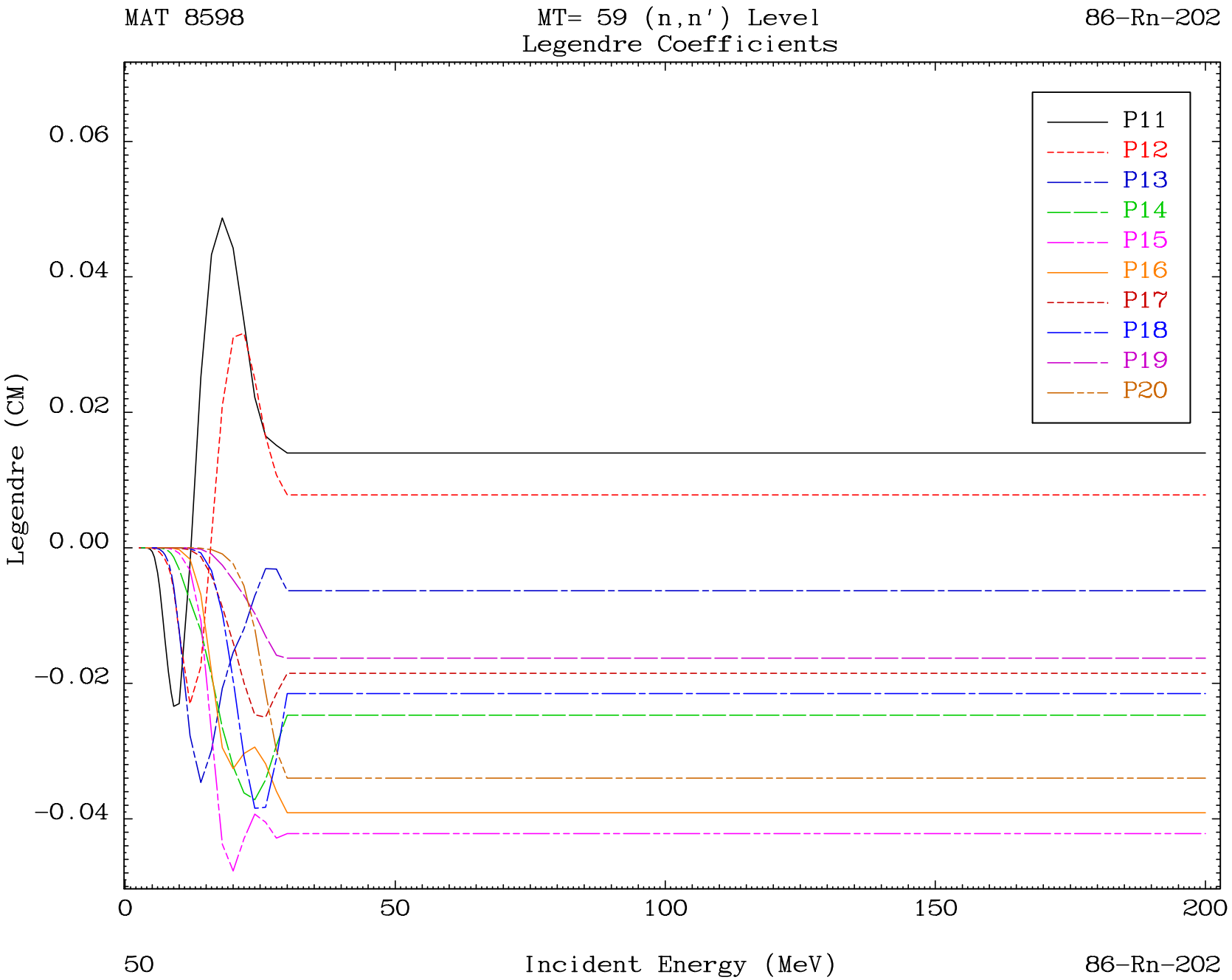

MAT 8598
MT= 58 (n,n') Level
Legendre Coefficients
86-Rn-202
Legendre (CM)
0.4
0.3
0.2
0.1
0.0
0
50
100
150
200
P1
P2
P3
P4
P5
P6
P7
P8
P9
45
Incident Energy (MeV)
86-Rn-202

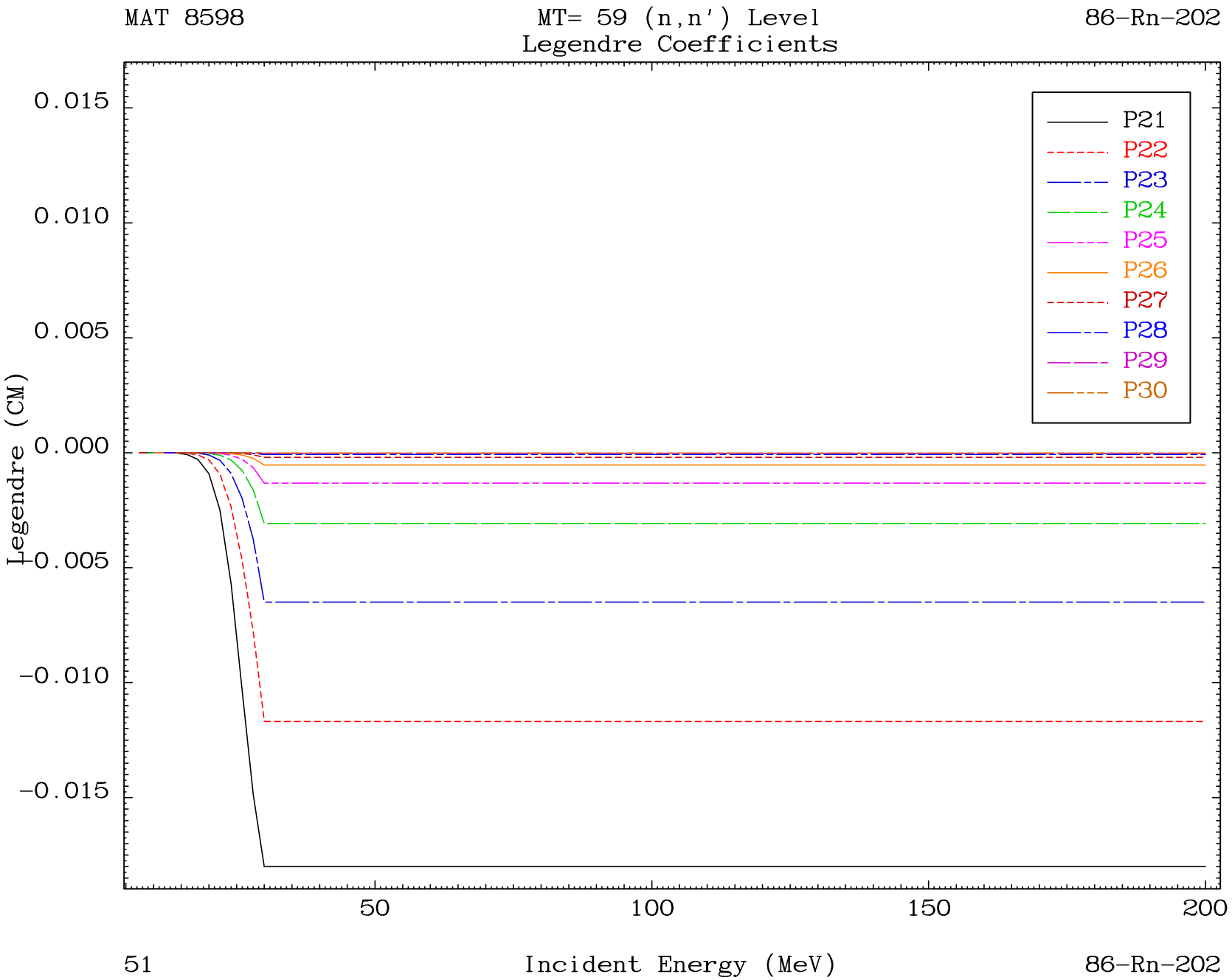

MAT 8598
MT= 58 (n,n') Level
Legendre Coefficients
86-Rn-202
0.005
0.000
-0.005
-0.010
-0.015
-0.020
Legendre (CM)
0
50
100
150
200
Incident Energy (MeV)
46
86-Rn-202
P10
P11
P12
P13
P14
P15
P16
P17
P18

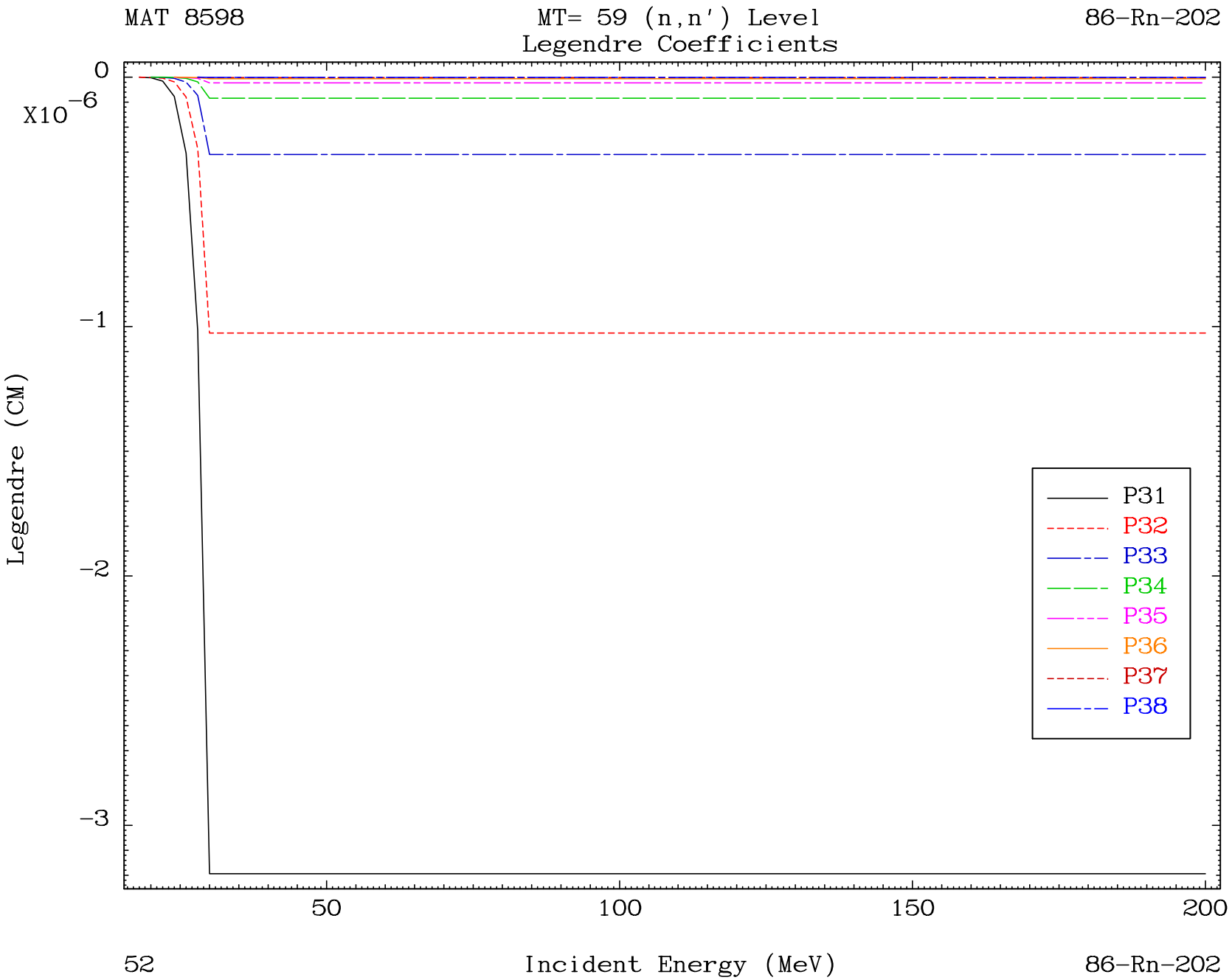

MAT 8598
MT= 58 (n,n') Level
Legendre Coefficients
86-Rn-202
X10^-4
6
4
2
0
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
P27
50
100
150
200
47
Incident Energy (MeV)
86-Rn-202

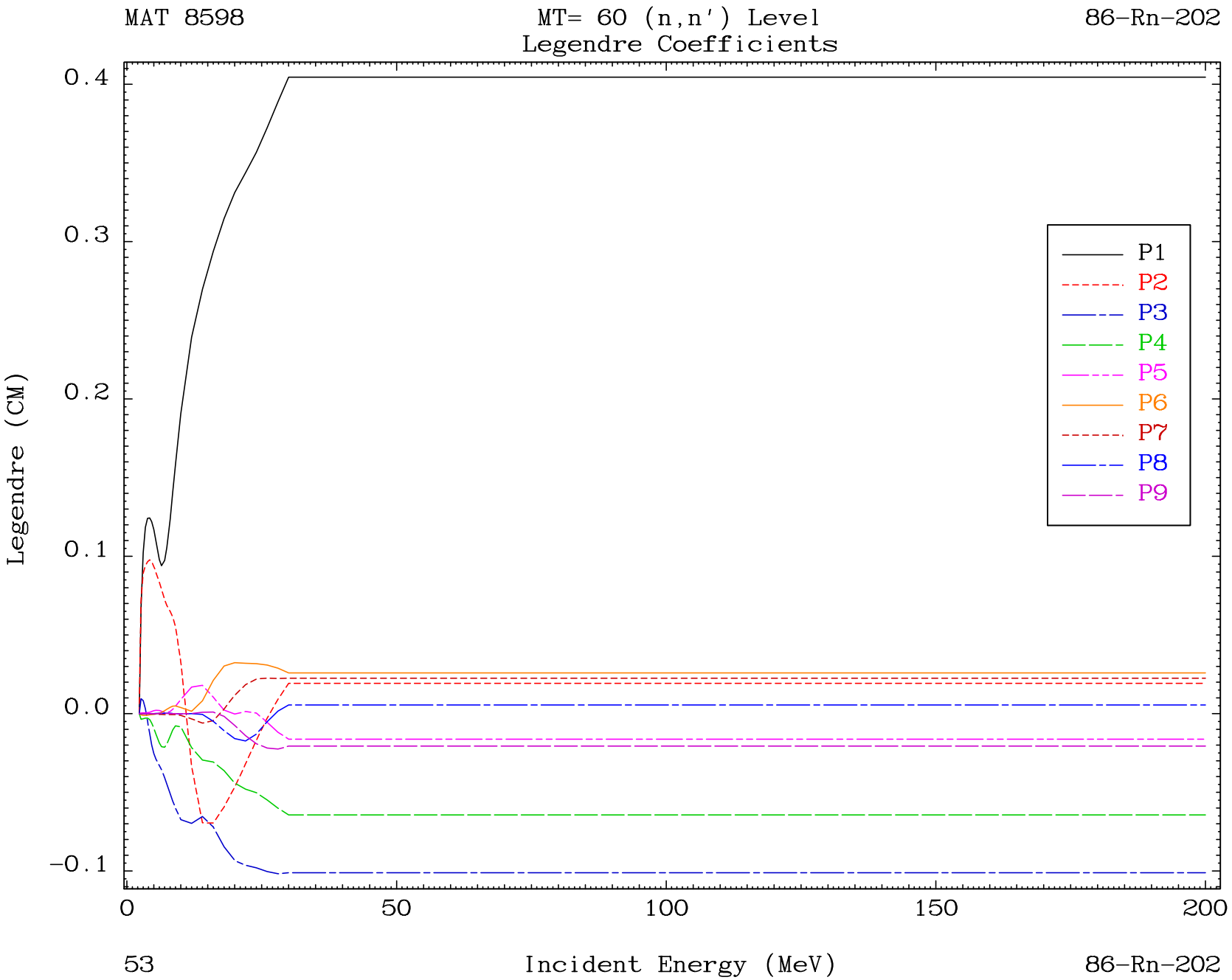

MAT 8598
MT= 58 (n,n') Level
Legendre Coefficients
86-Rn-202
X10^-7
2.0
1.5
1.0
0.5
0.0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
P35
P36
50
100
150
200
48
Incident Energy (MeV)
86-Rn-202

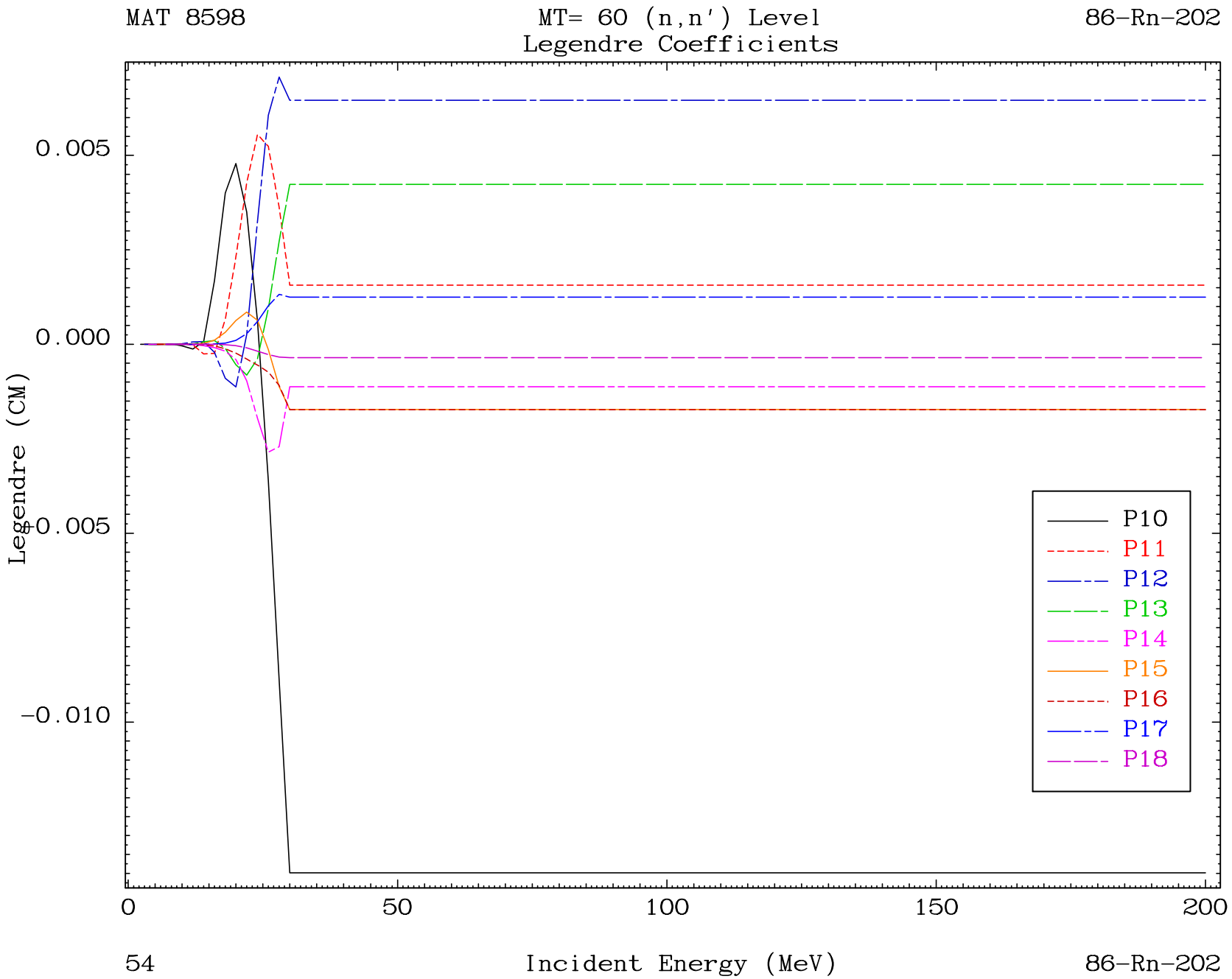

MAT 8598
MT= 59 (n,n') Level
Legendre Coefficients
86-Rn-202
Legendre (CM)
0.3
0.2
0.1
0.0
0
50
100
150
200
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10
49
Incident Energy (MeV)
86-Rn-202

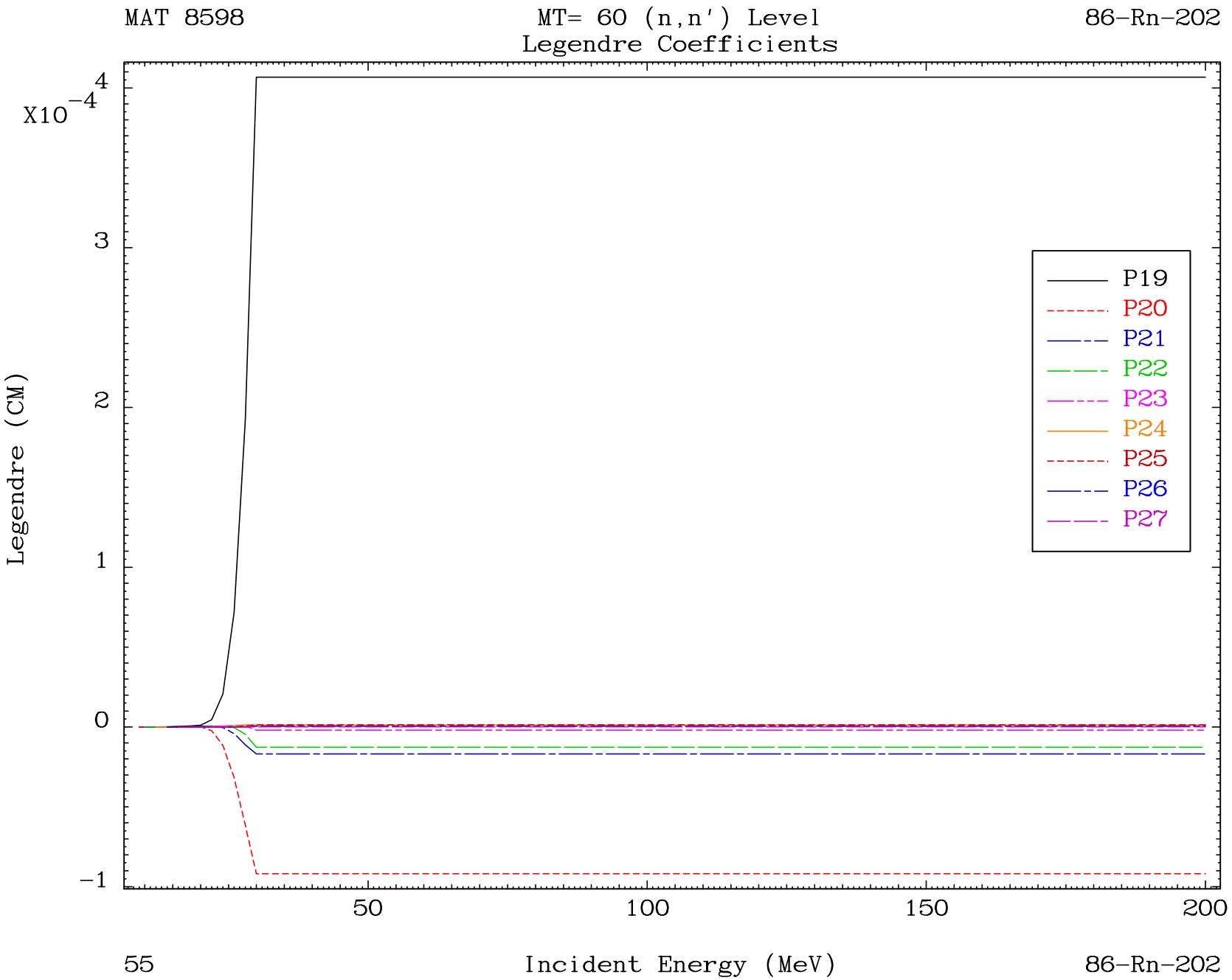

MAT 8598
MT= 59 (n,n') Level
Legendre Coefficients
86-Rn-202
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20
0.06
0.04
0.02
0.00
-0.02
-0.04
Legendre (CM)
0
50
100
150
200
50
Incident Energy (MeV)
86-Rn-202

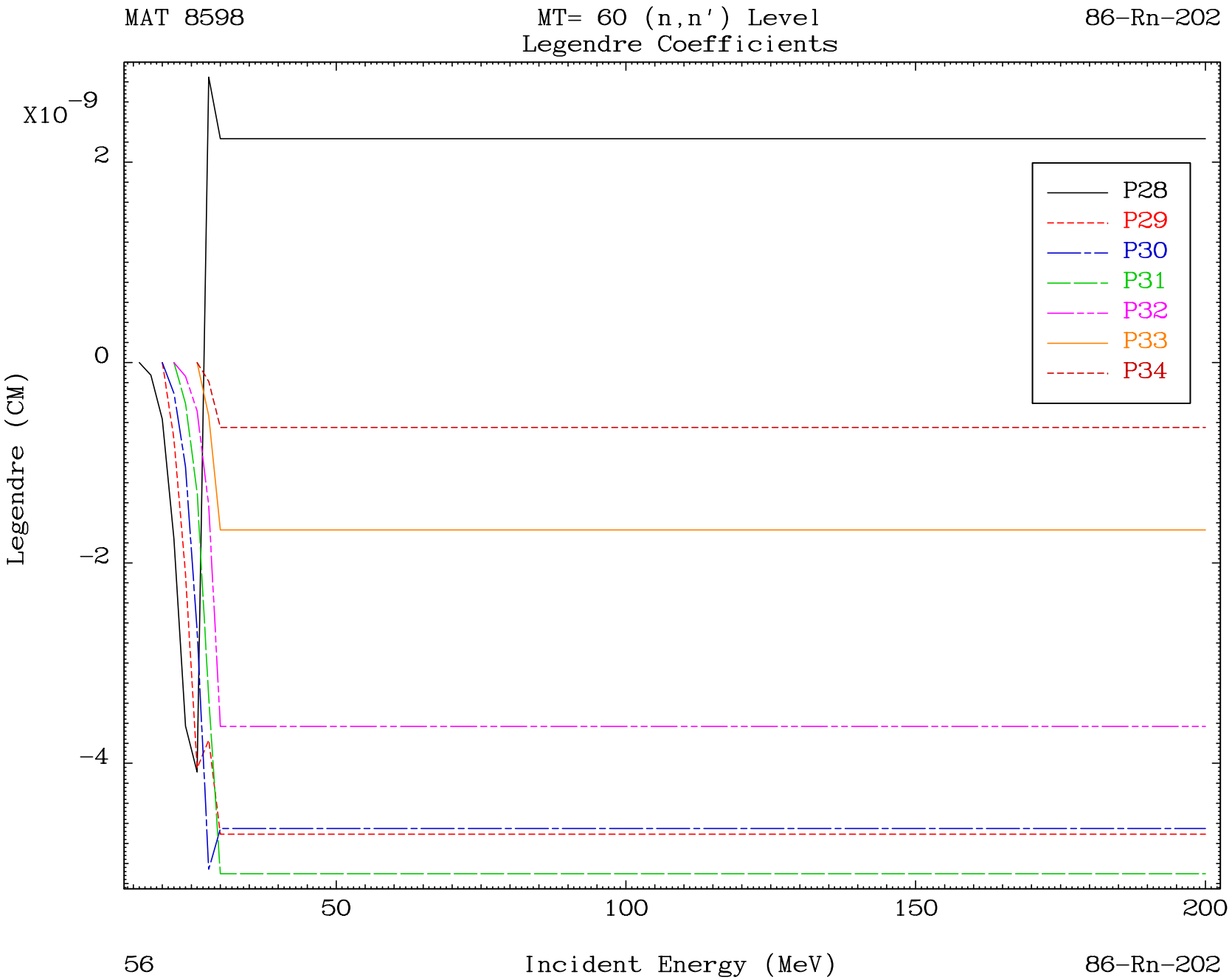

MAT 8598
MT= 59 (n,n') Level
Legendre Coefficients
86-Rn-202
0.015
0.010
0.005
0.000
-0.005
-0.010
-0.015
Legendre (CM)
P21
P22
P23
P24
P25
P26
P27
P28
P29
P30
50
100
150
200
51
Incident Energy (MeV)
86-Rn-202

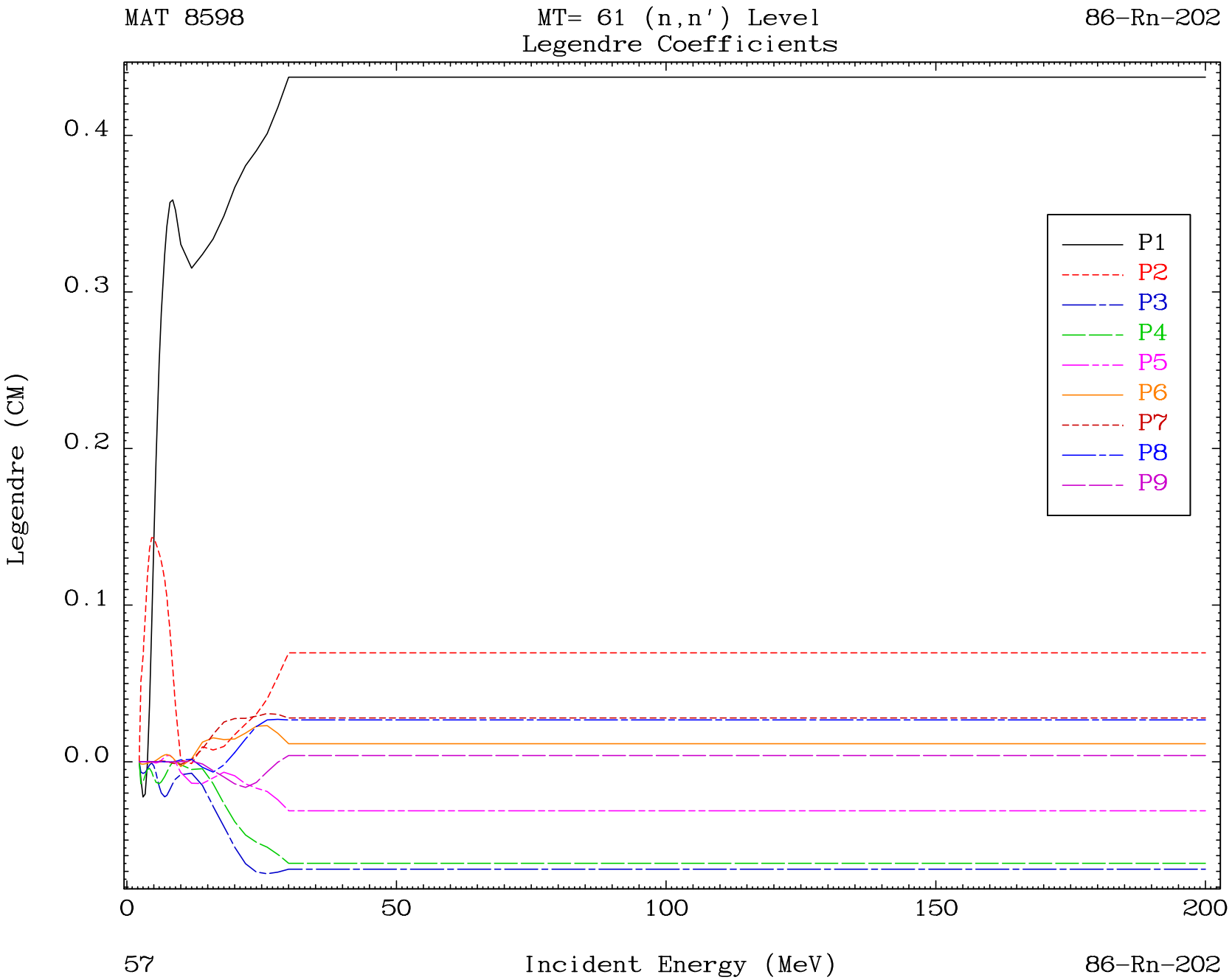

MAT 8598
MT= 59 (n,n') Level
Legendre Coefficients
86-Rn-202
0
X10 −6
−1
−2
−3
Legendre (CM)
50
100
150
200
52
Incident Energy (MeV)
86-Rn-202
P31
P32
P33
P34
P35
P36
P37
P38

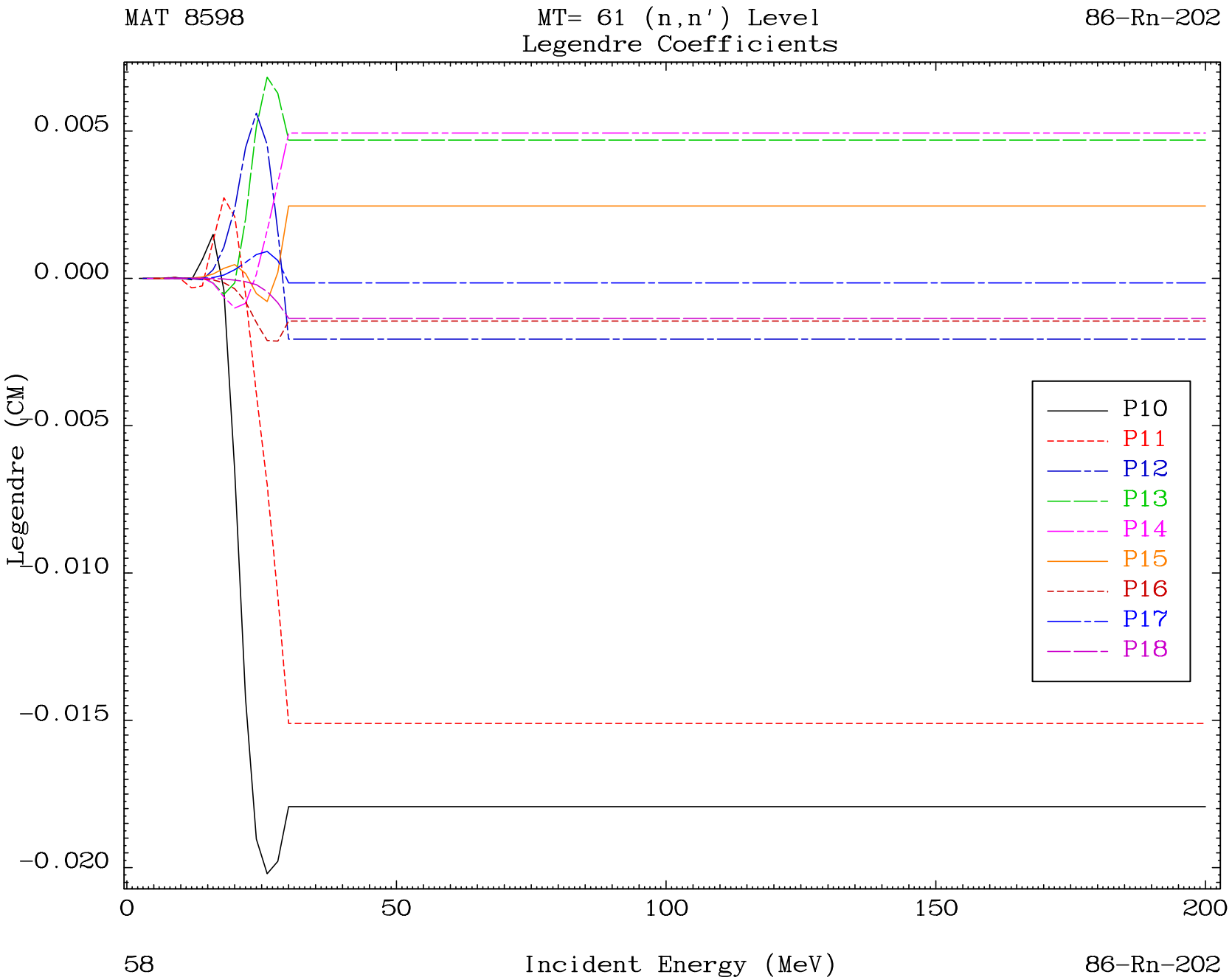

MAT 8598
MT= 60 (n,n') Level
Legendre Coefficients
86-Rn-202
0.4
0.3
0.2
0.1
0.0
-0.1
Legendre (CM)
0
50
100
150
200
Incident Energy (MeV)
53
86-Rn-202
P1
P2
P3
P4
P5
P6
P7
P8
P9

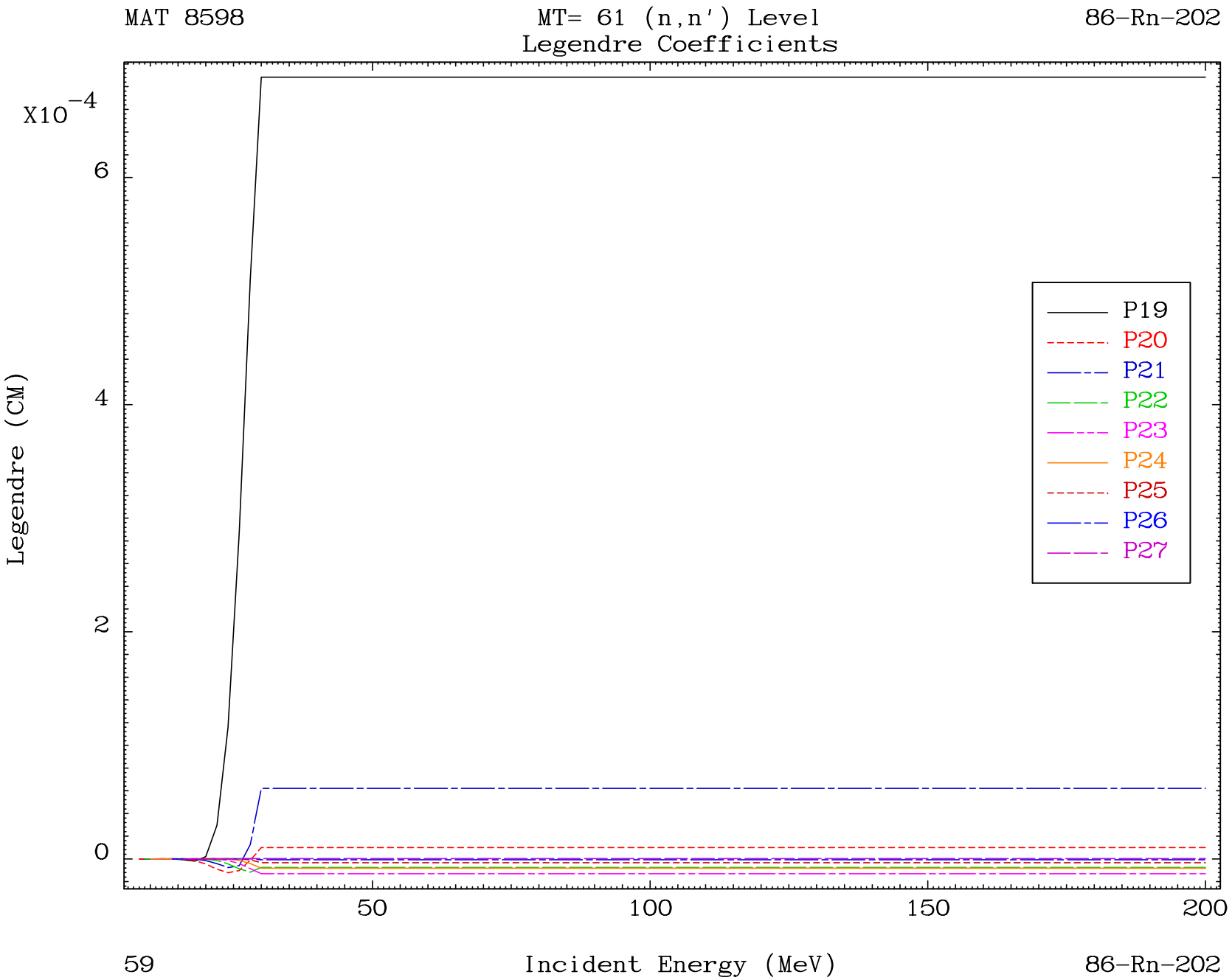

MAT 8598
MT= 60 (n,n') Level
Legendre Coefficients
86-Rn-202
0.005
0.000
-0.005
-0.010
Legendre (CM)
0
50
100
150
200
54
Incident Energy (MeV)
86-Rn-202
P10
P11
P12
P13
P14
P15
P16
P17
P18

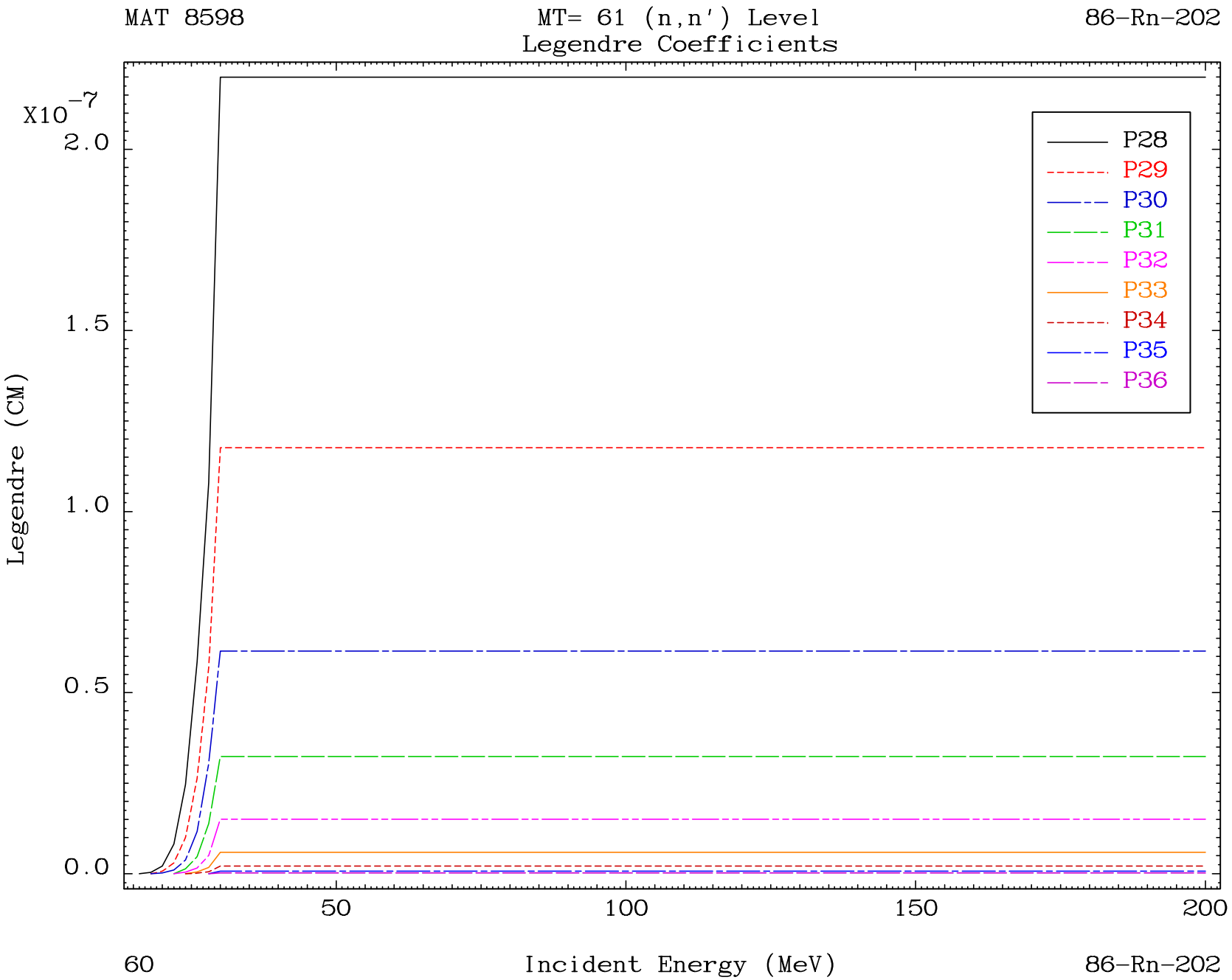

MAT 8598
MT= 60 (n,n') Level
Legendre Coefficients
86-Rn-202
X10^-4
4
3
2
1
0
-1
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
P27
50
100
150
200
55
Incident Energy (MeV)
86-Rn-202

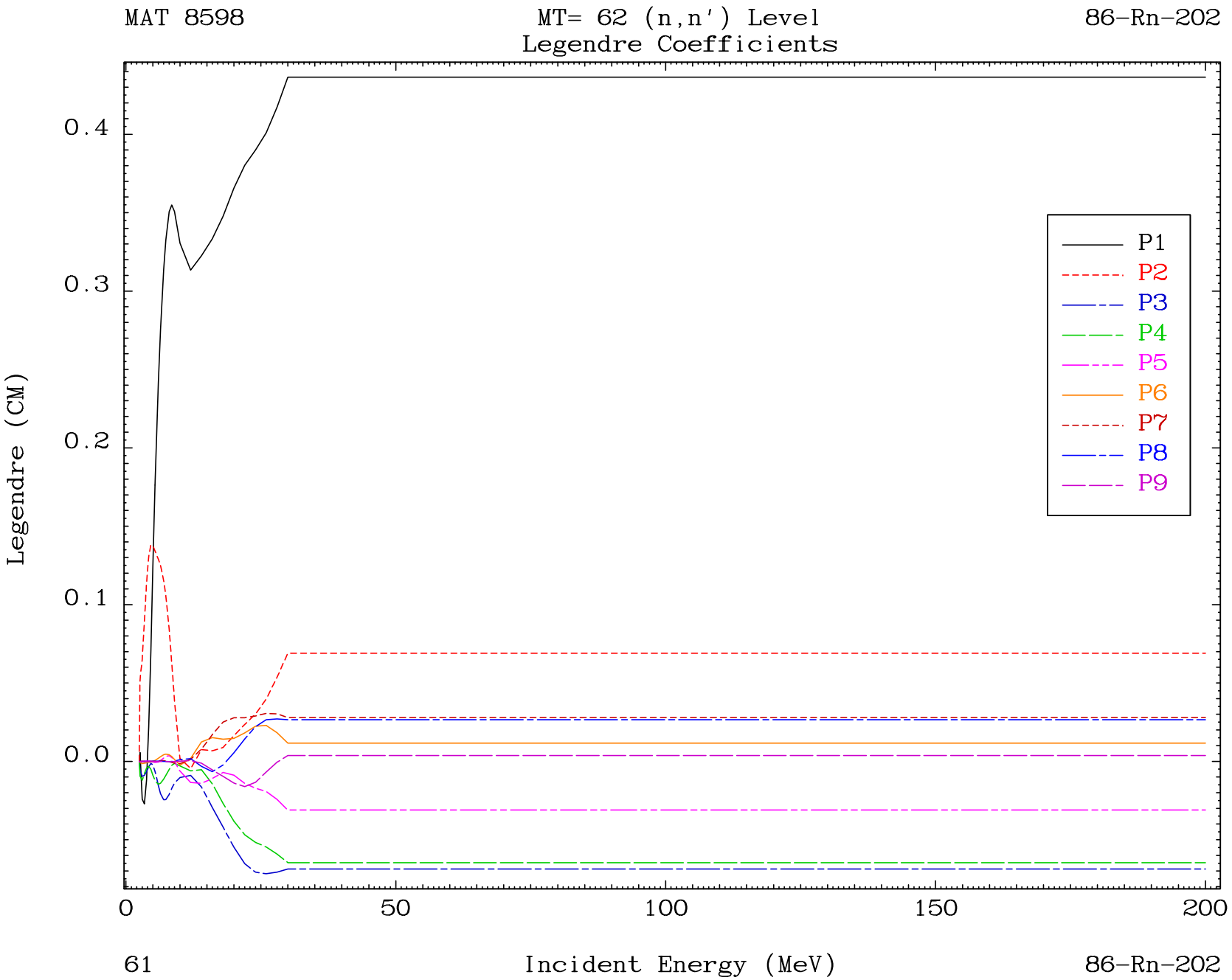

MAT 8598
MT= 60 (n,n') Level
Legendre Coefficients
86-Rn-202
X10^-9
2
0
-2
-4
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
50
100
150
200
56
Incident Energy (MeV)
86-Rn-202

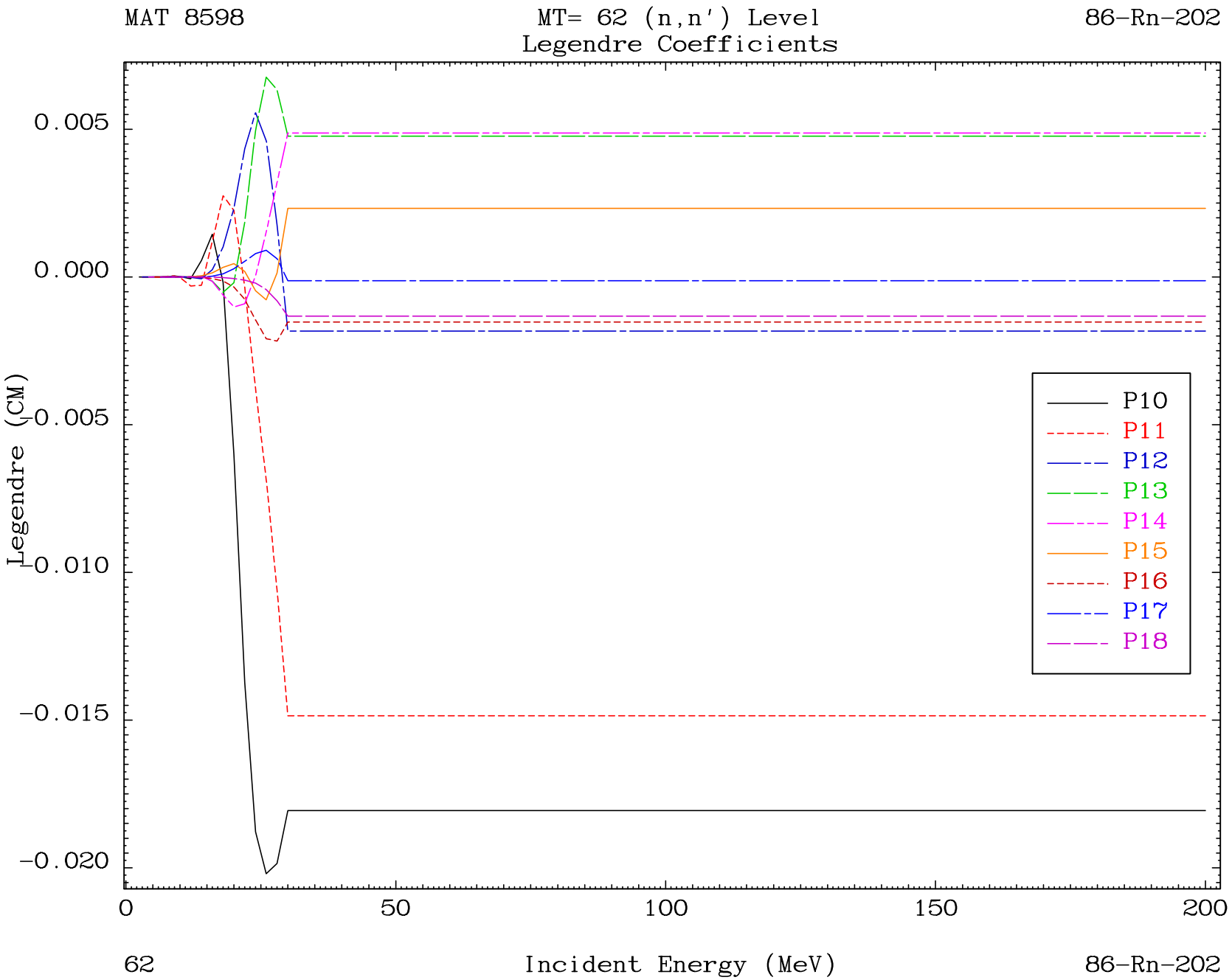

MAT 8598
MT= 61 (n,n') Level
Legendre Coefficients
86-Rn-202
Legendre (CM)
0.4
0.3
0.2
0.1
0.0
0
50
100
150
200
57
Incident Energy (MeV)
86-Rn-202
P1
P2
P3
P4
P5
P6
P7
P8
P9

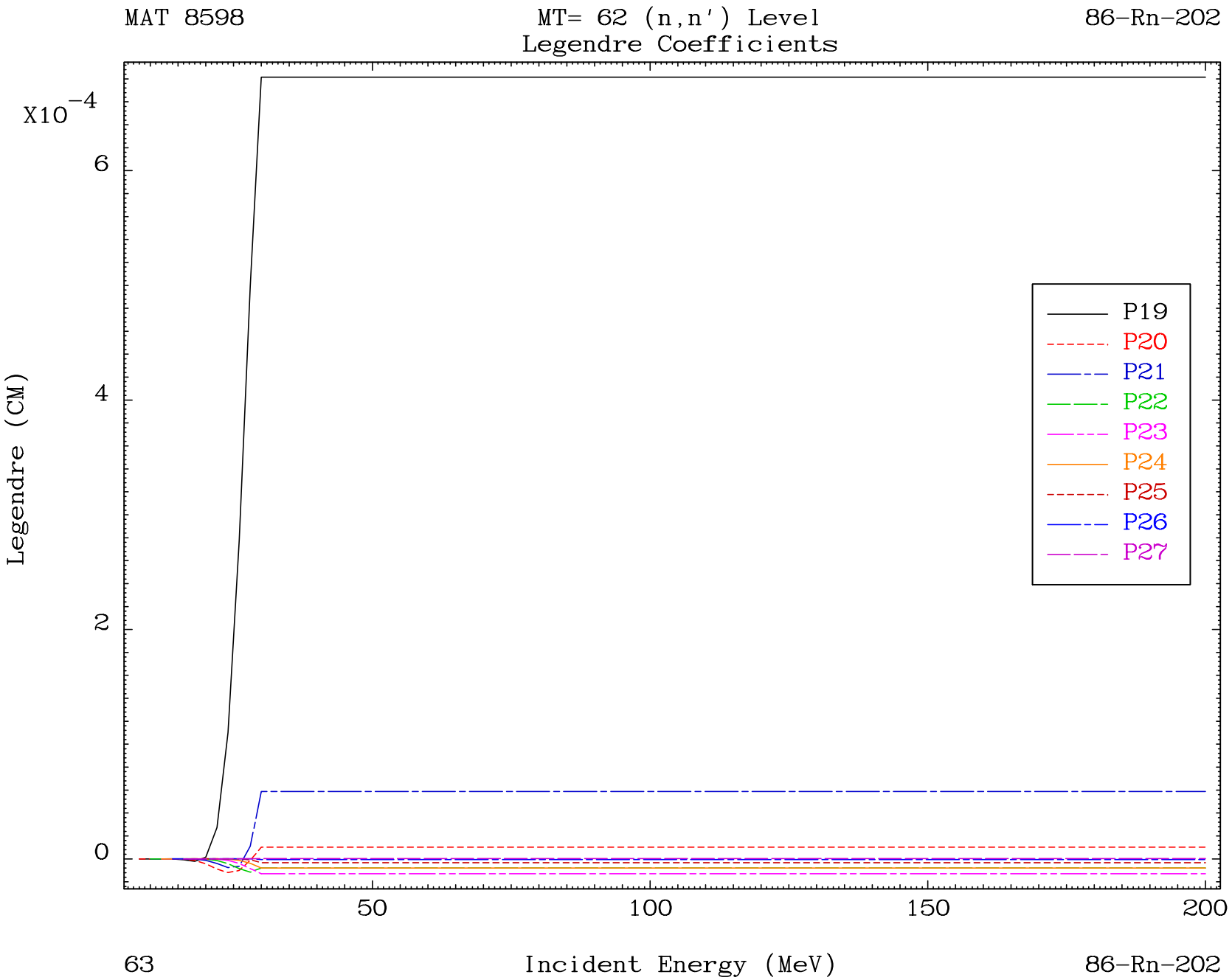

MAT 8598
MT= 61 (n,n') Level
Legendre Coefficients
86-Rn-202
0.005
0.000
-0.005
-0.010
-0.015
-0.020
Legendre (CM)
0
50
100
150
200
58
Incident Energy (MeV)
86-Rn-202
P10
P11
P12
P13
P14
P15
P16
P17
P18

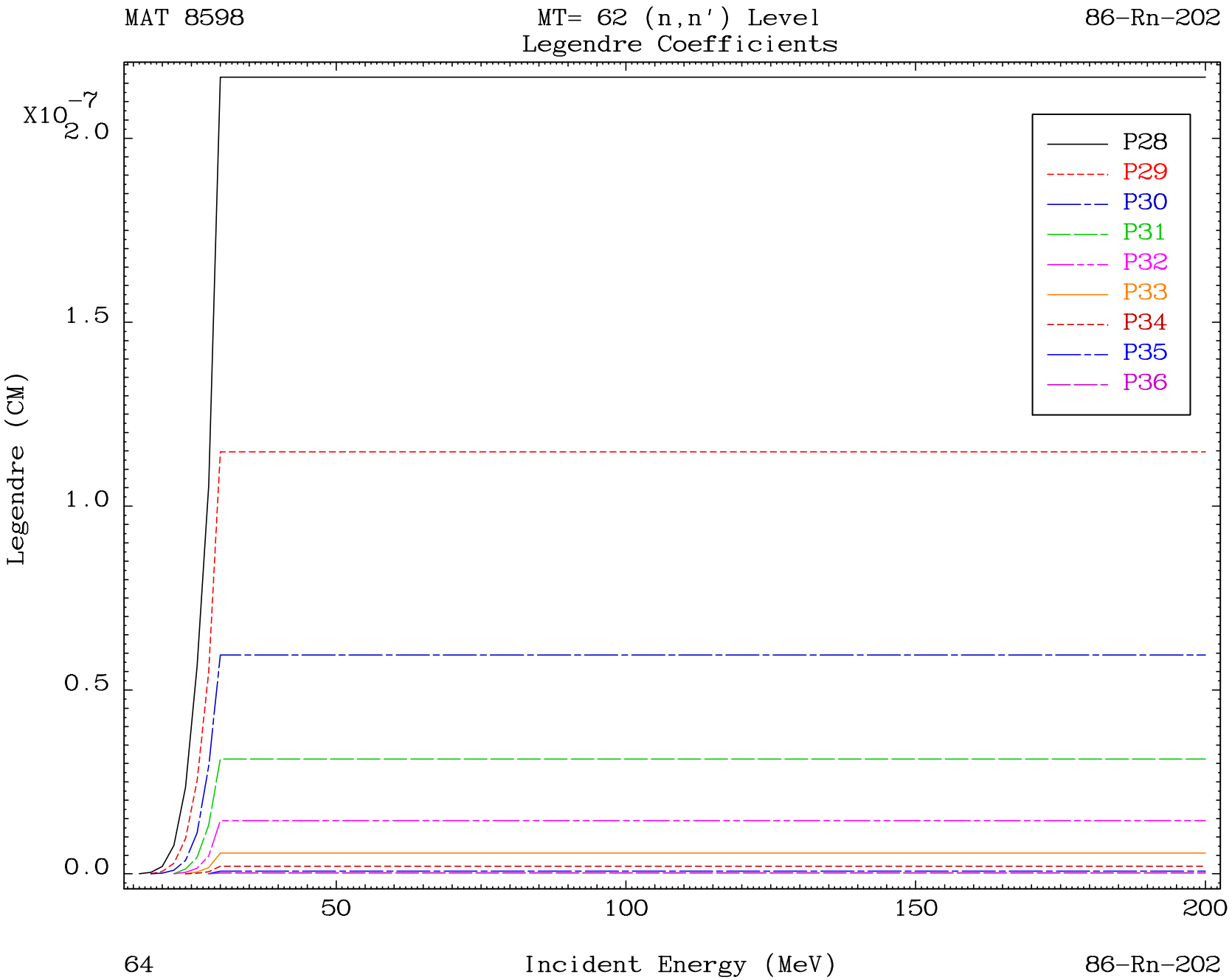

MAT 8598
MT= 61 (n,n') Level
Legendre Coefficients
86-Rn-202
X10^-4
6
4
2
0
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
P27
50
100
150
200
59
Incident Energy (MeV)
86-Rn-202

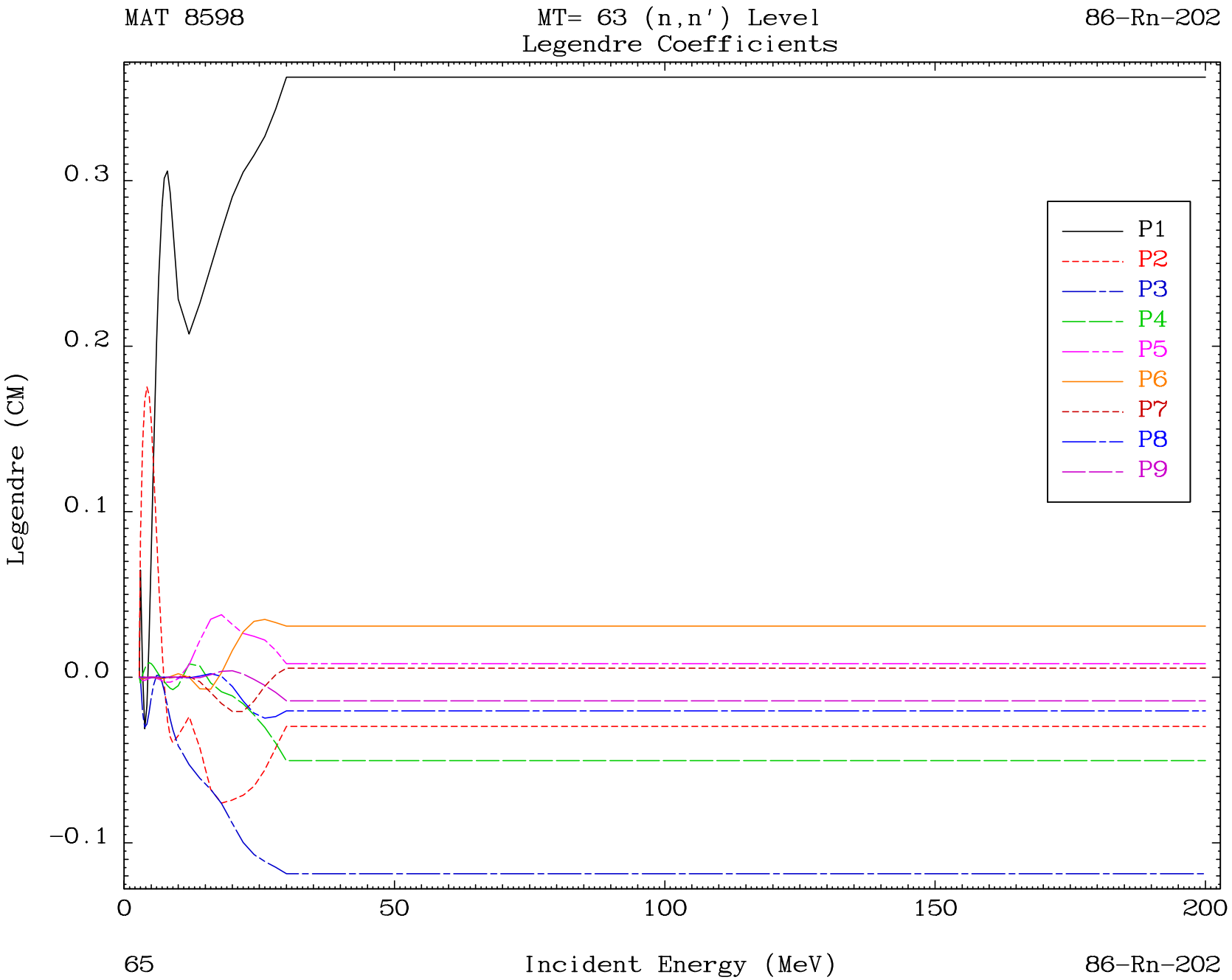

MAT 8598
MT= 61 (n,n') Level
Legendre Coefficients
86-Rn-202
X10-7
2.0
1.5
1.0
0.5
0.0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
P35
P36
60
50
100
150
200
Incident Energy (MeV)
86-Rn-202

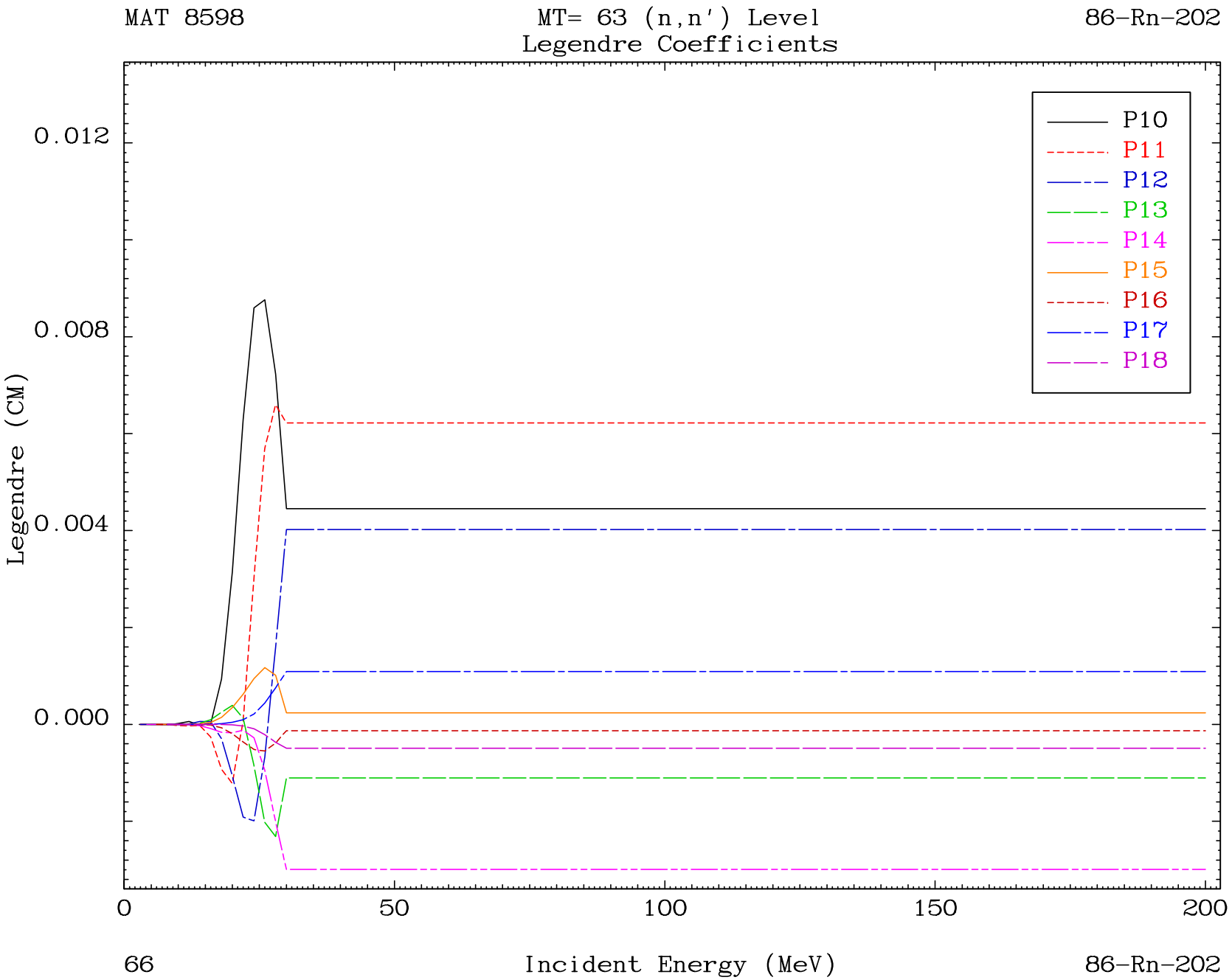

MAT 8598
MT= 62 (n,n') Level
Legendre Coefficients
86-Rn-202
Legendre (CM)
0.4
0.3
0.2
0.1
0.0
0
50
100
150
200
61
Incident Energy (MeV)
86-Rn-202
P1
P2
P3
P4
P5
P6
P7
P8
P9

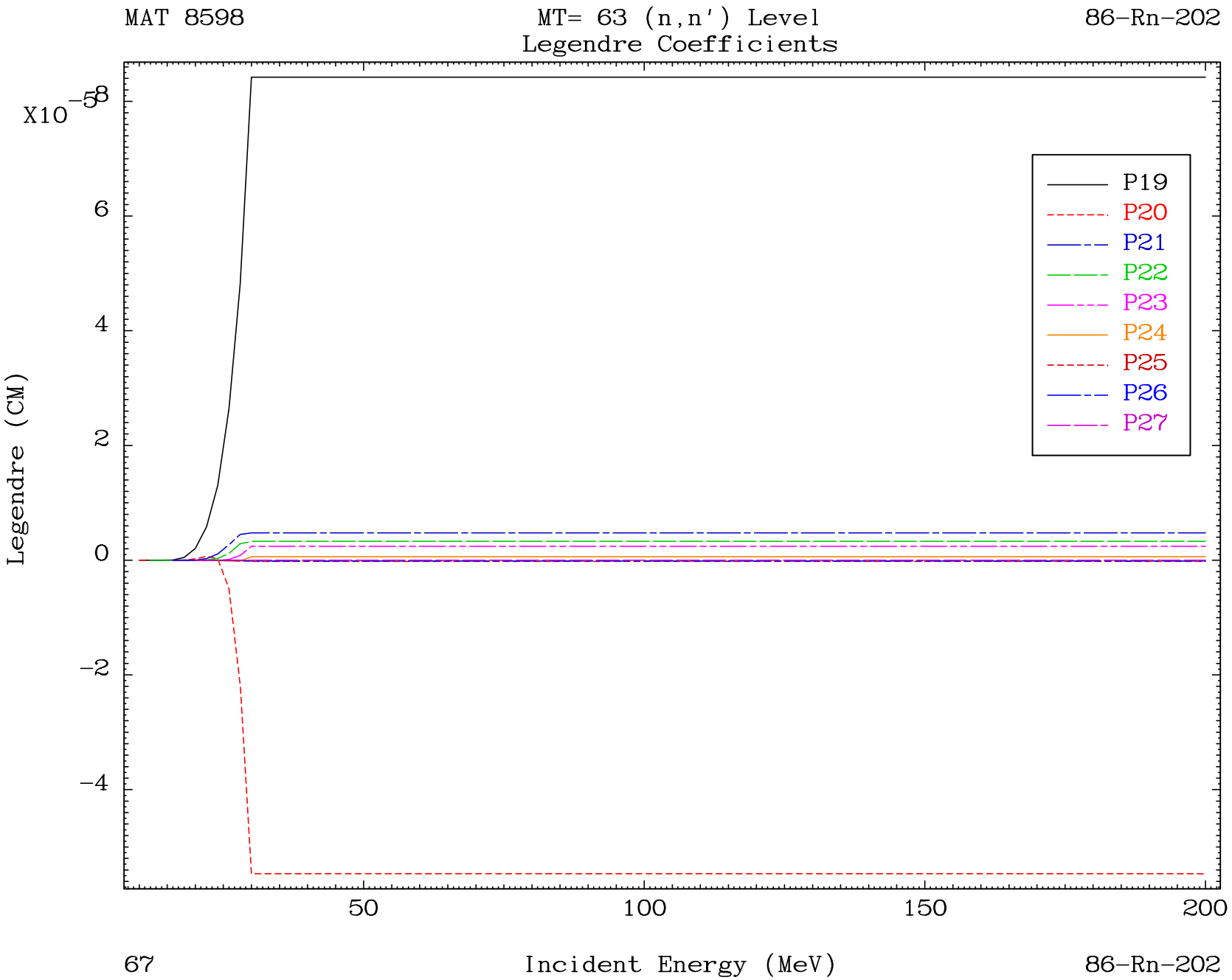

MAT 8598
MT= 62 (n,n') Level
Legendre Coefficients
86-Rn-202
0.005
0.000
-0.005
-0.010
-0.015
-0.020
Legendre (CM)
0
50
100
150
200
62
Incident Energy (MeV)
86-Rn-202
P10
P11
P12
P13
P14
P15
P16
P17
P18

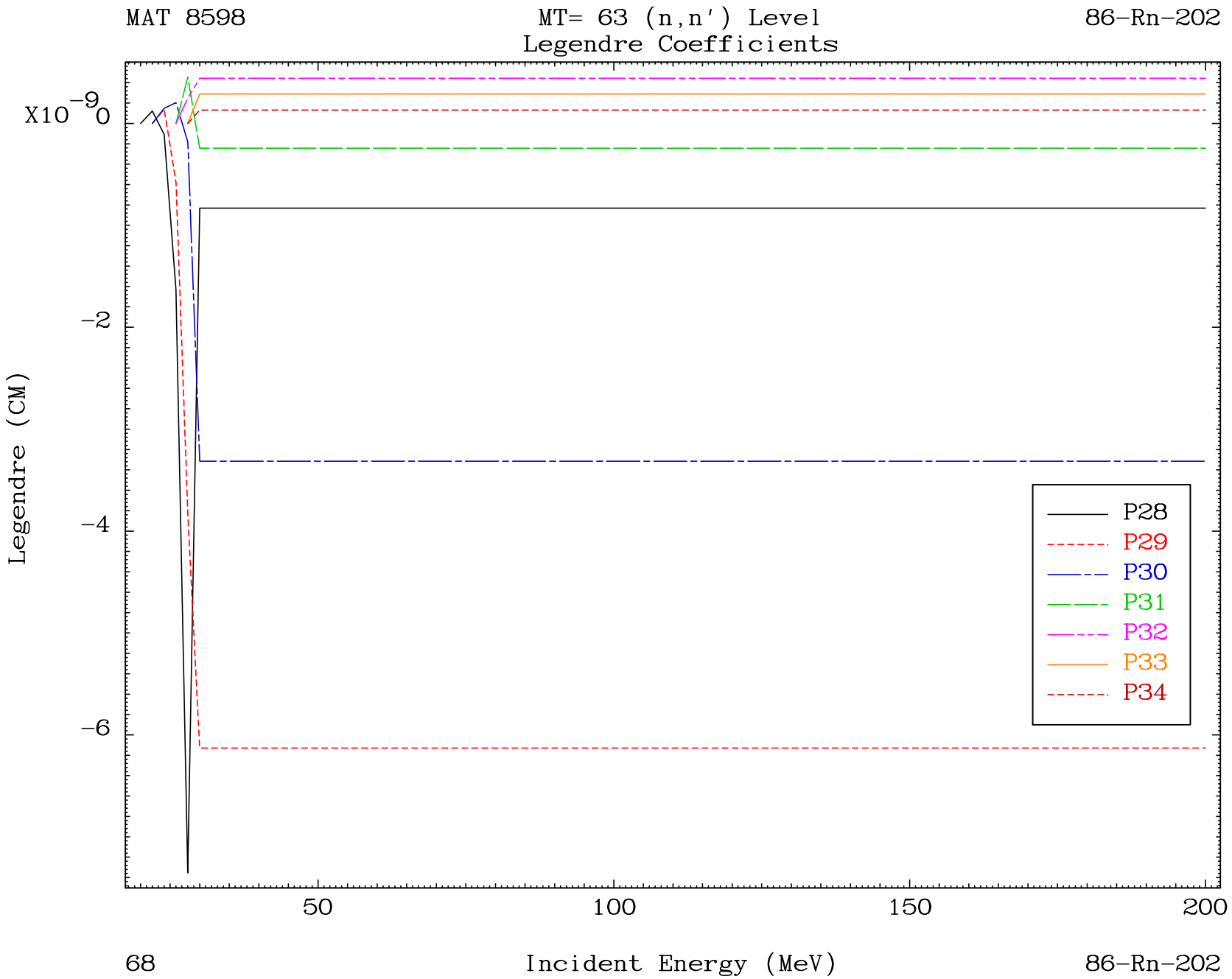

MAT 8598
MT= 62 (n,n') Level
Legendre Coefficients
86-Rn-202
X10^-4
6
4
2
0
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
P27
50
100
150
200
63
Incident Energy (MeV)
86-Rn-202

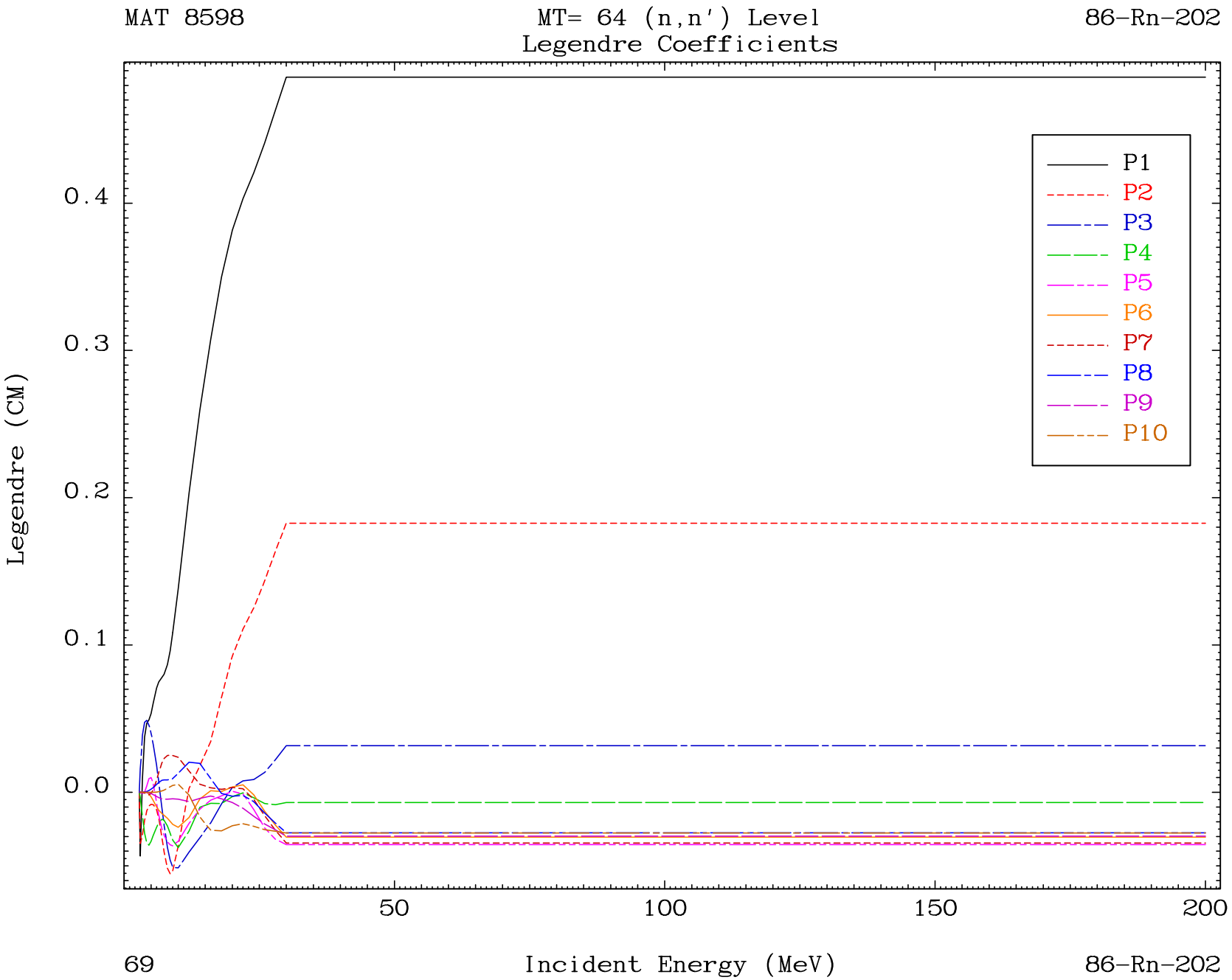

MAT 8598
MT= 62 (n,n') Level
Legendre Coefficients
86-Rn-202
X10-7
2.0
1.5
1.0
0.5
0.0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
P35
P36
50
100
150
200
64
Incident Energy (MeV)
86-Rn-202

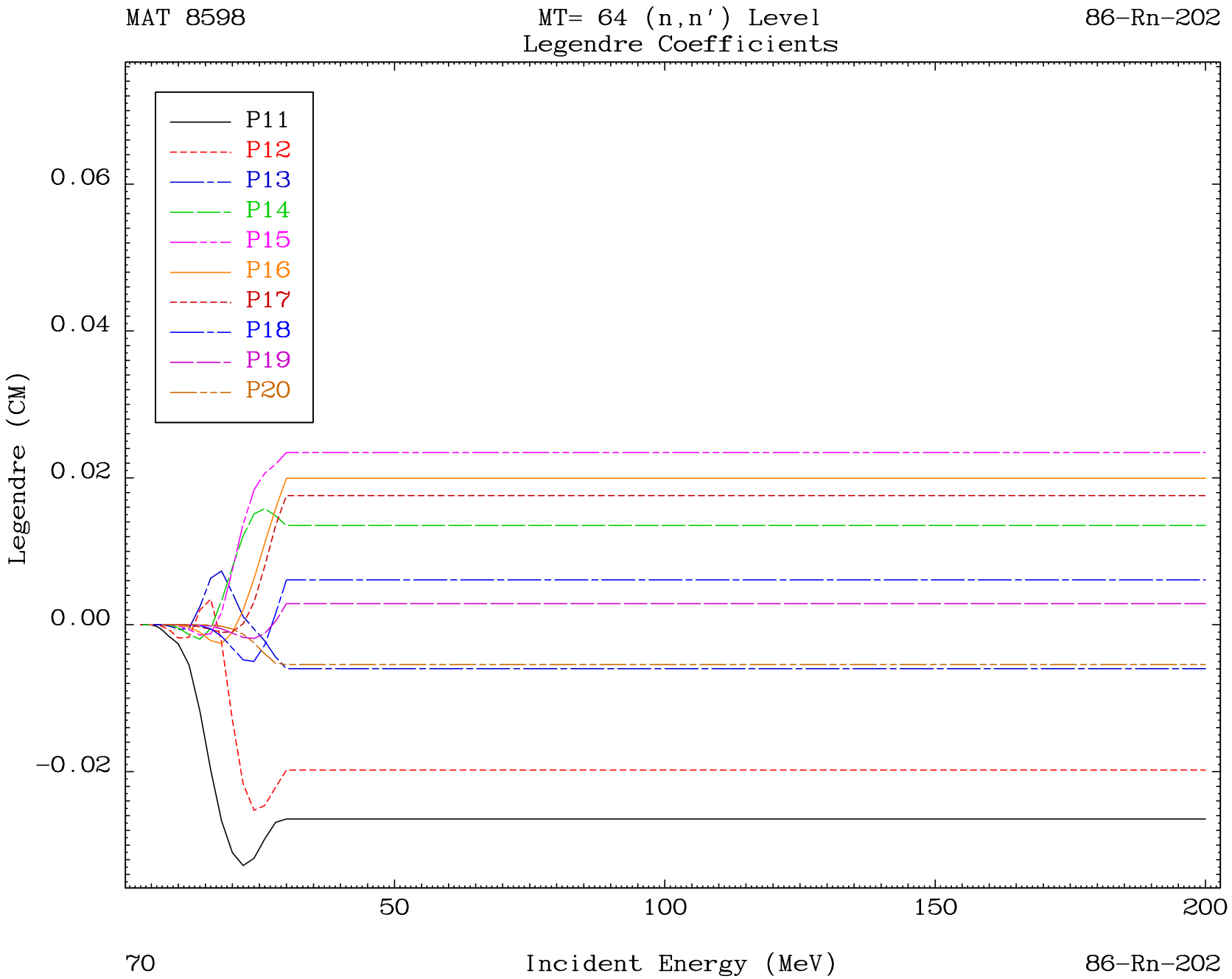

MAT 8598
MT= 63 (n,n') Level
Legendre Coefficients
86-Rn-202
Legendre (CM)
0.3
0.2
0.1
0.0
-0.1
0
50
100
150
200
65
Incident Energy (MeV)
86-Rn-202
P1
P2
P3
P4
P5
P6
P7
P8
P9

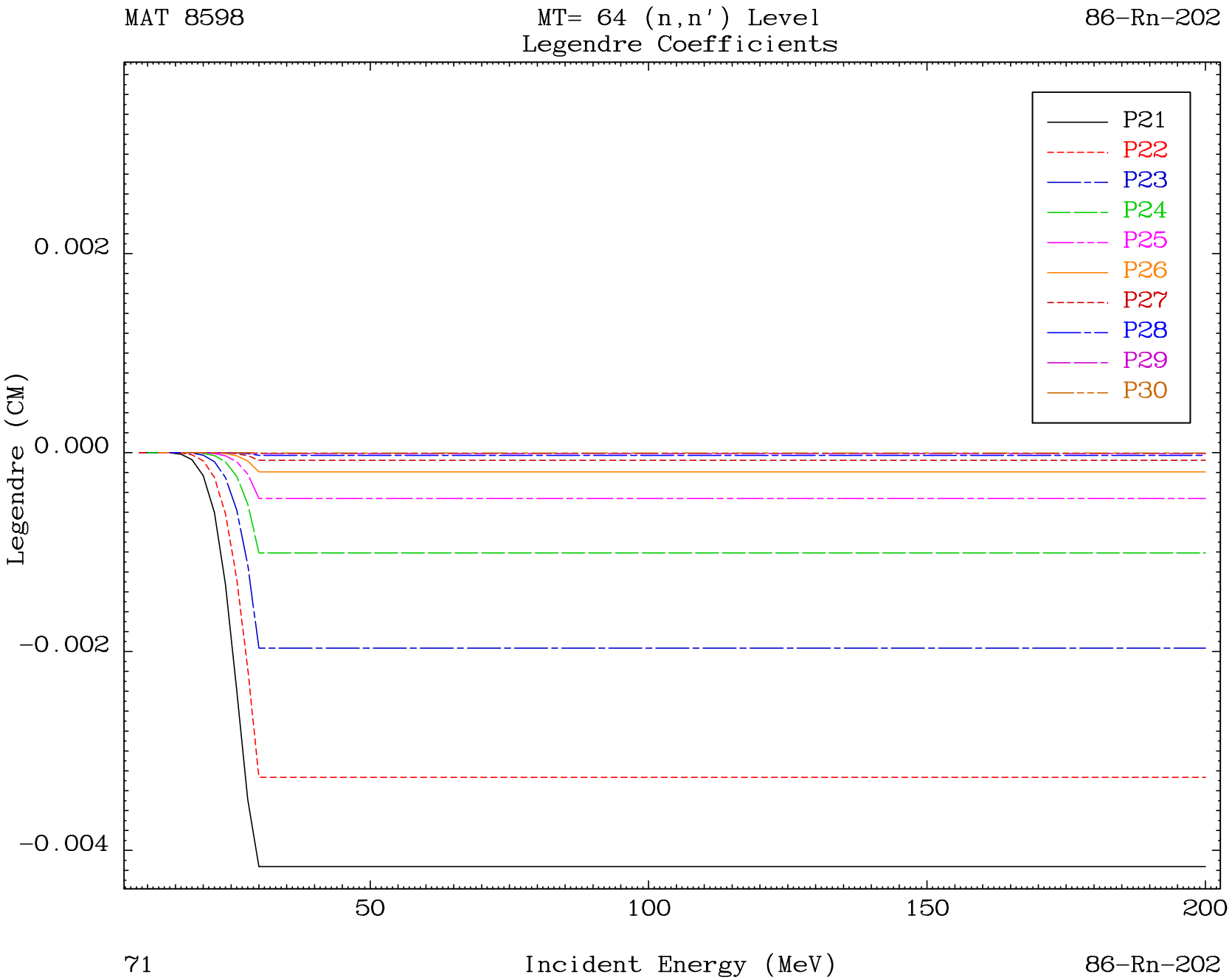

MAT 8598
MT= 63 (n,n') Level
Legendre Coefficients
86-Rn-202
P10
P11
P12
P13
P14
P15
P16
P17
P18
0.012
0.008
0.004
0.000
Legendre (CM)
0
50
100
150
200
66
Incident Energy (MeV)
86-Rn-202

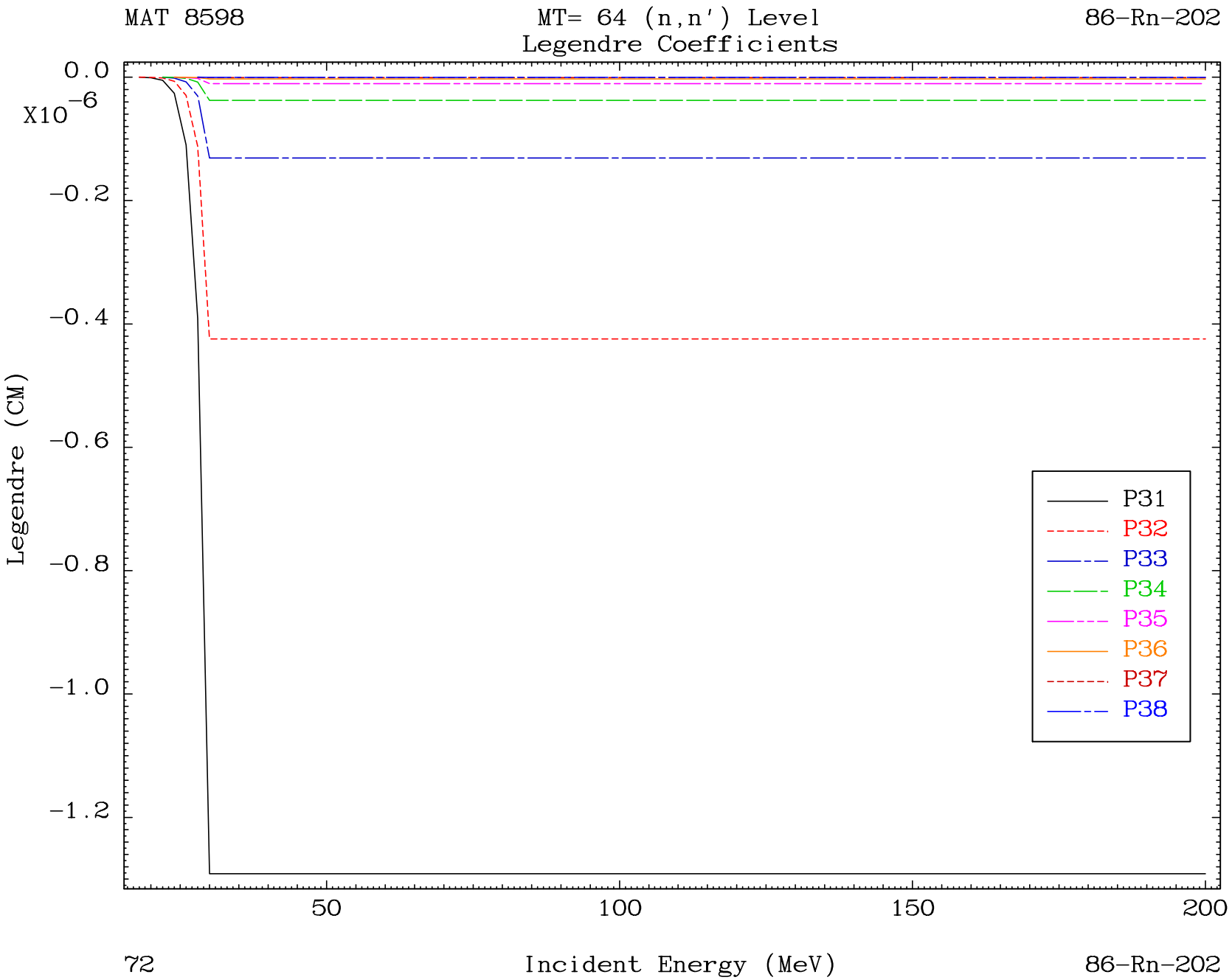

MAT 8598
MT= 63 (n,n') Level
Legendre Coefficients
86-Rn-202
X10 -5
8
6
4
2
0
-2
-4
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
P27
50
100
150
200
67
Incident Energy (MeV)
86-Rn-202

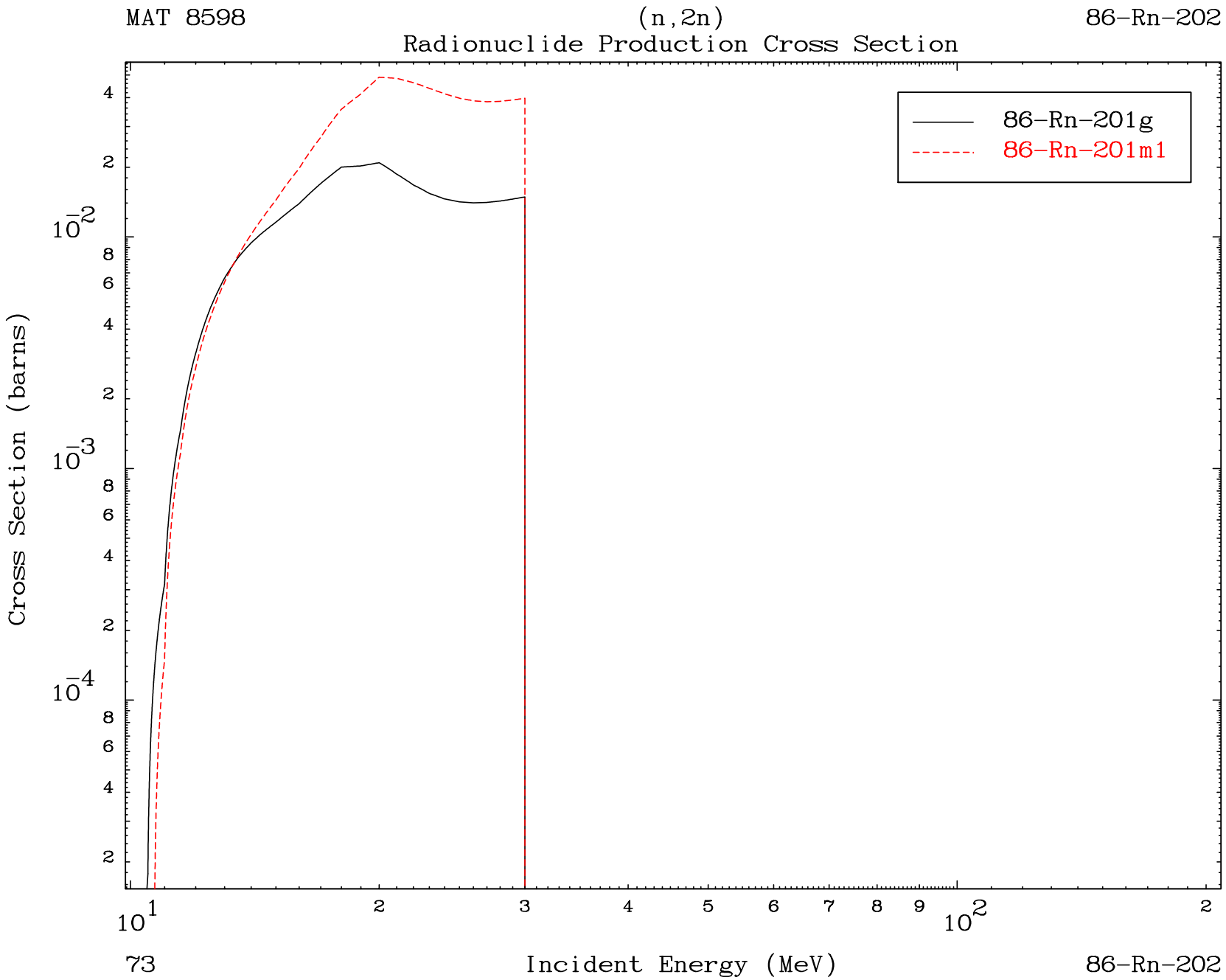

MAT 8598
MT= 63 (n,n') Level
Legendre Coefficients
86-Rn-202
X10 -9
0
-2
-4
-6
Legendre (CM)
50
100
150
200
68
Incident Energy (MeV)
86-Rn-202
P28
P29
P30
P31
P32
P33
P34

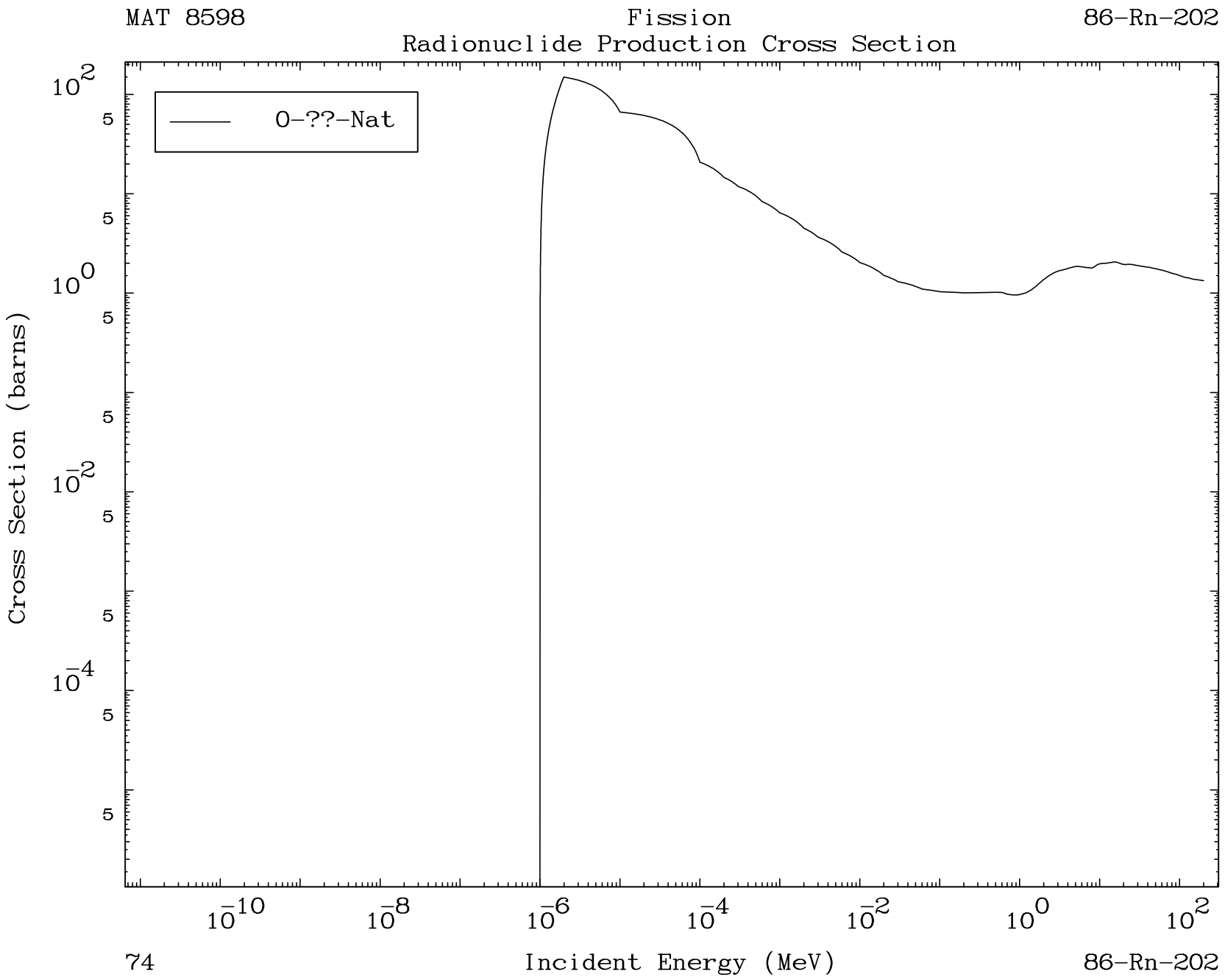

MAT 8598
MT= 64 (n,n') Level
Legendre Coefficients
86-Rn-202
Legendre (CM)
0.4
0.3
0.2
0.1
0.0
50
100
150
200
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10
69
Incident Energy (MeV)
86-Rn-202

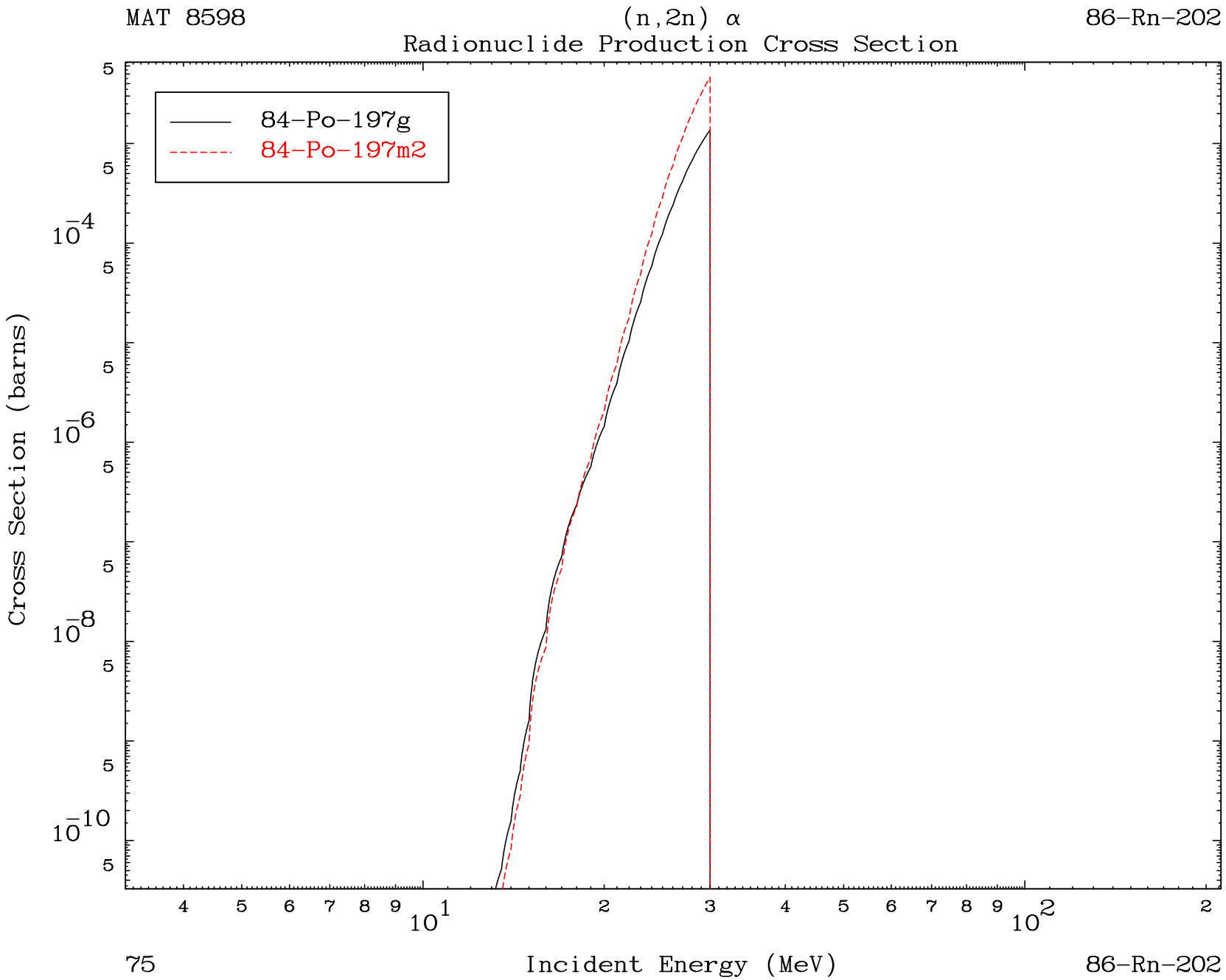

MAT 8598
MT= 64 (n,n') Level
Legendre Coefficients
86-Rn-202
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20
0.06
0.04
0.02
0.00
-0.02
Legendre (CM)
50
100
150
200
70
Incident Energy (MeV)
86-Rn-202

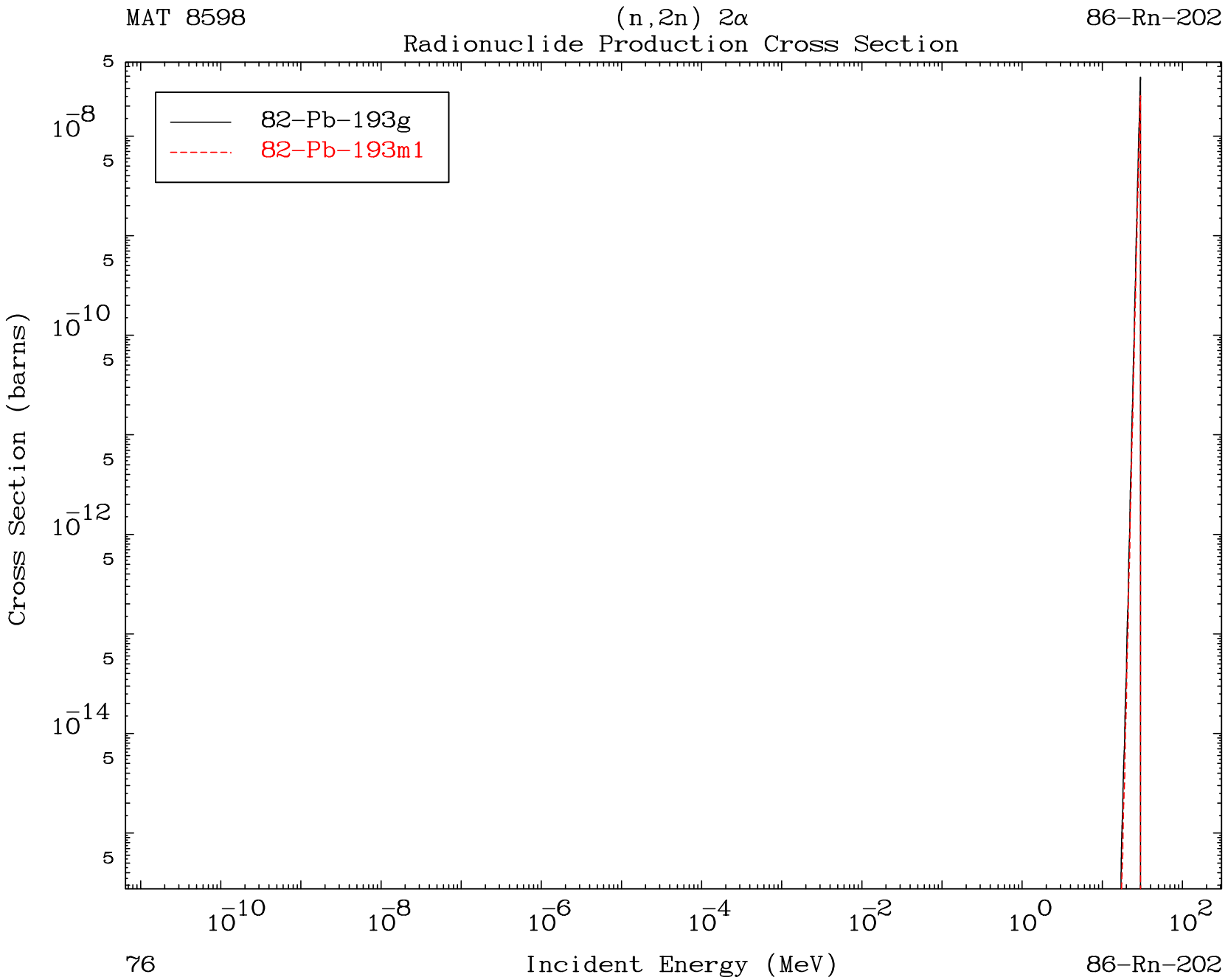

MAT 8598
MT= 64 (n,n') Level
Legendre Coefficients
86-Rn-202
P21
P22
P23
P24
P25
P26
P27
P28
P29
P30
0.002
0.000
−0.002
−0.004
Legendre (CM)
50
100
150
200
71
Incident Energy (MeV)
86-Rn-202

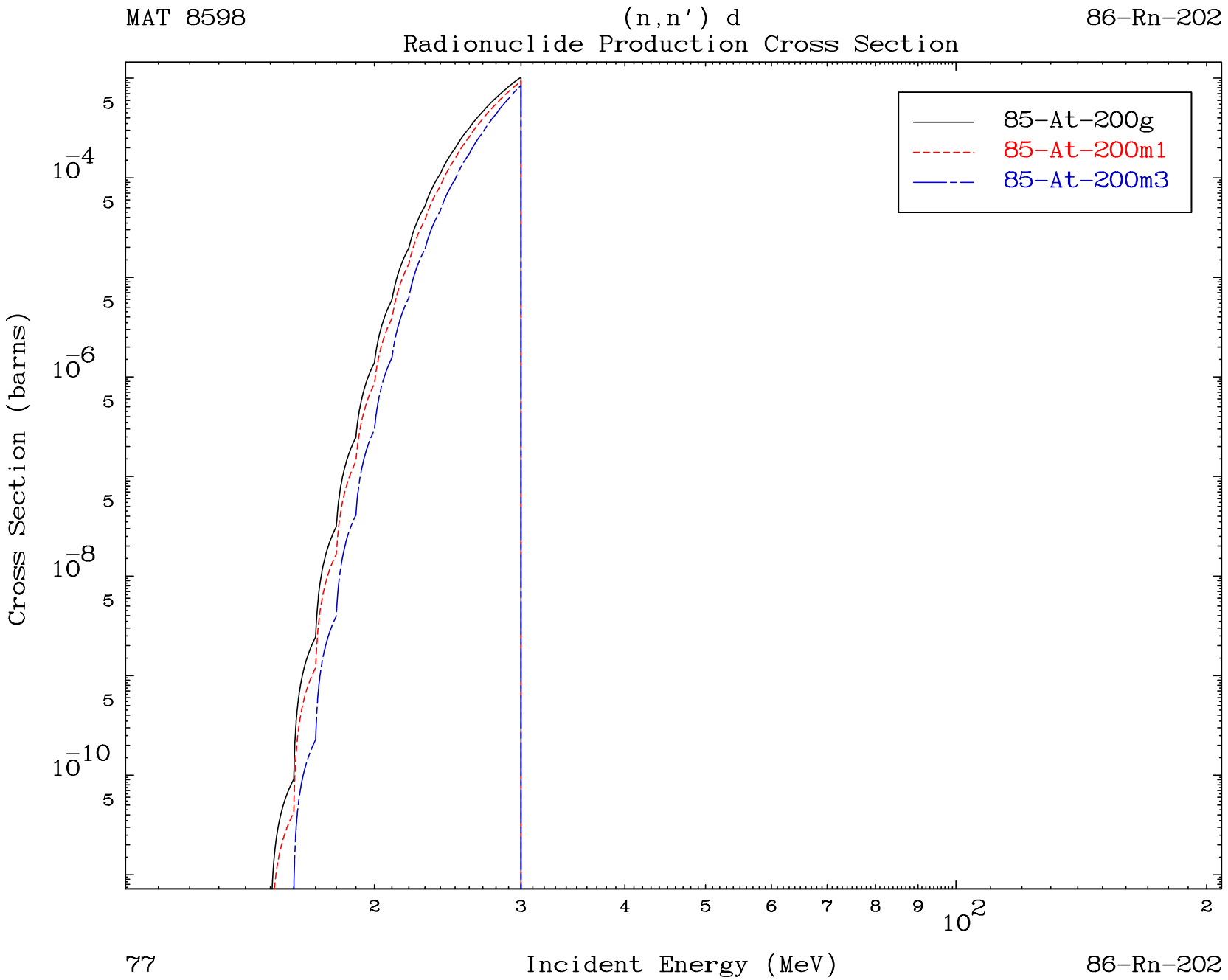

MAT 8598
MT= 64 (n,n') Level
Legendre Coefficients
86-Rn-202
0.0
X10 −6
−0.2
−0.4
−0.6
−0.8
−1.0
−1.2
Legendre (CM)
50
100
150
200
72
Incident Energy (MeV)
86-Rn-202
P31
P32
P33
P34
P35
P36
P37
P38

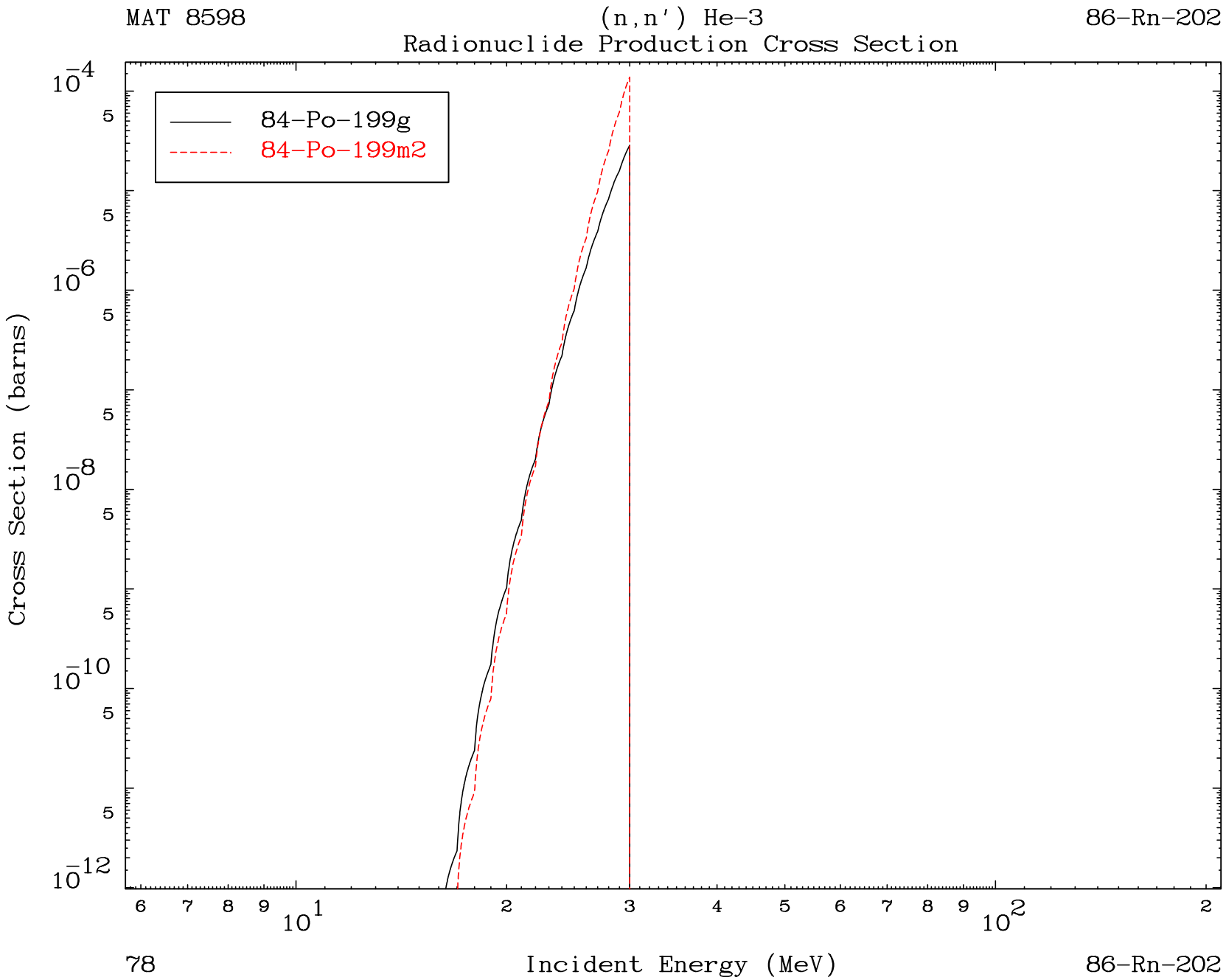

MAT 8598
(n,2n)
86-Rn-202
Radionuclide Production Cross Section
86-Rn-201g
86-Rn-201m1
Cross Section (barns)
Incident Energy (MeV)
73
86-Rn-202

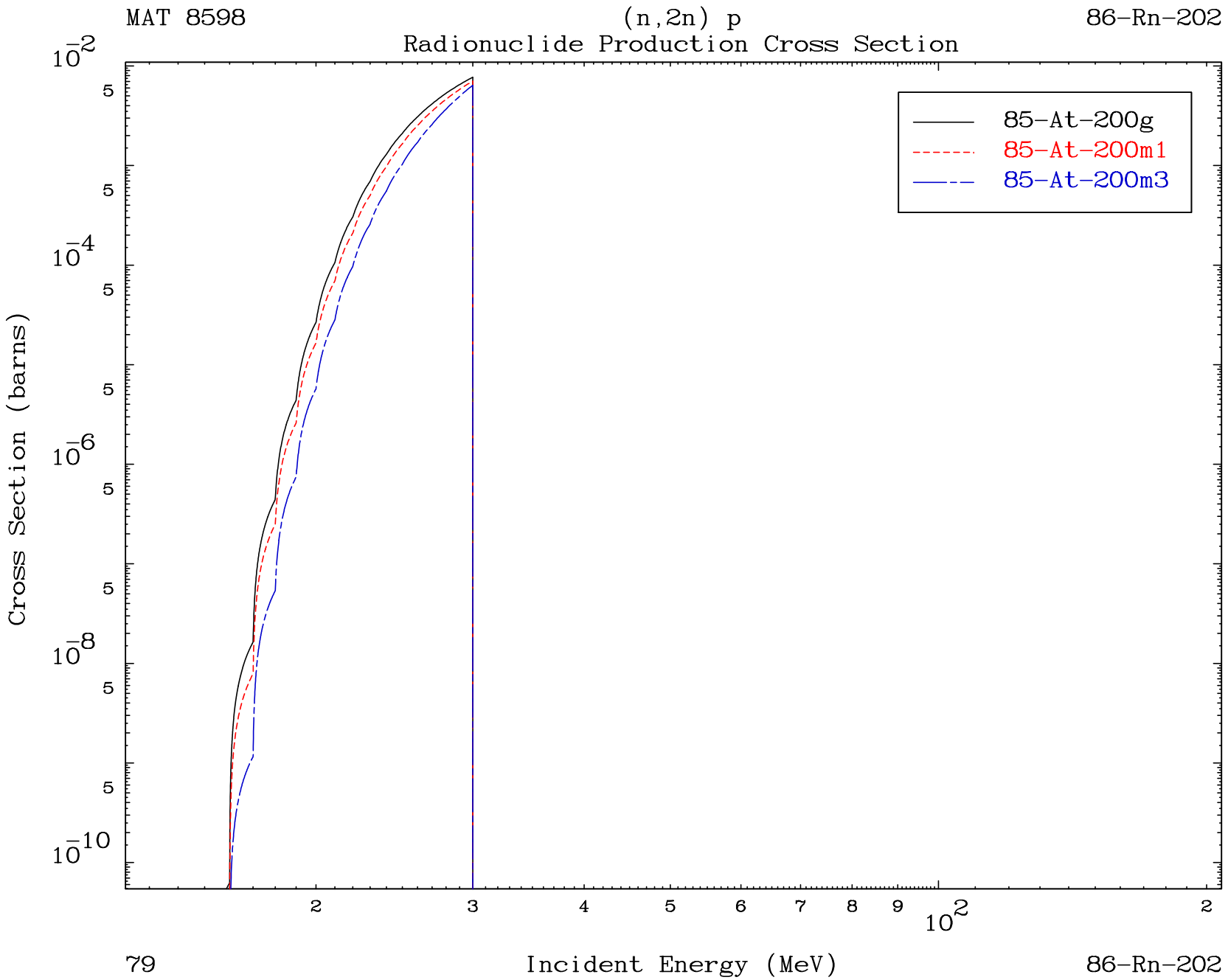

MAT 8598
Fission
86-Rn-202
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
74
86-Rn-202

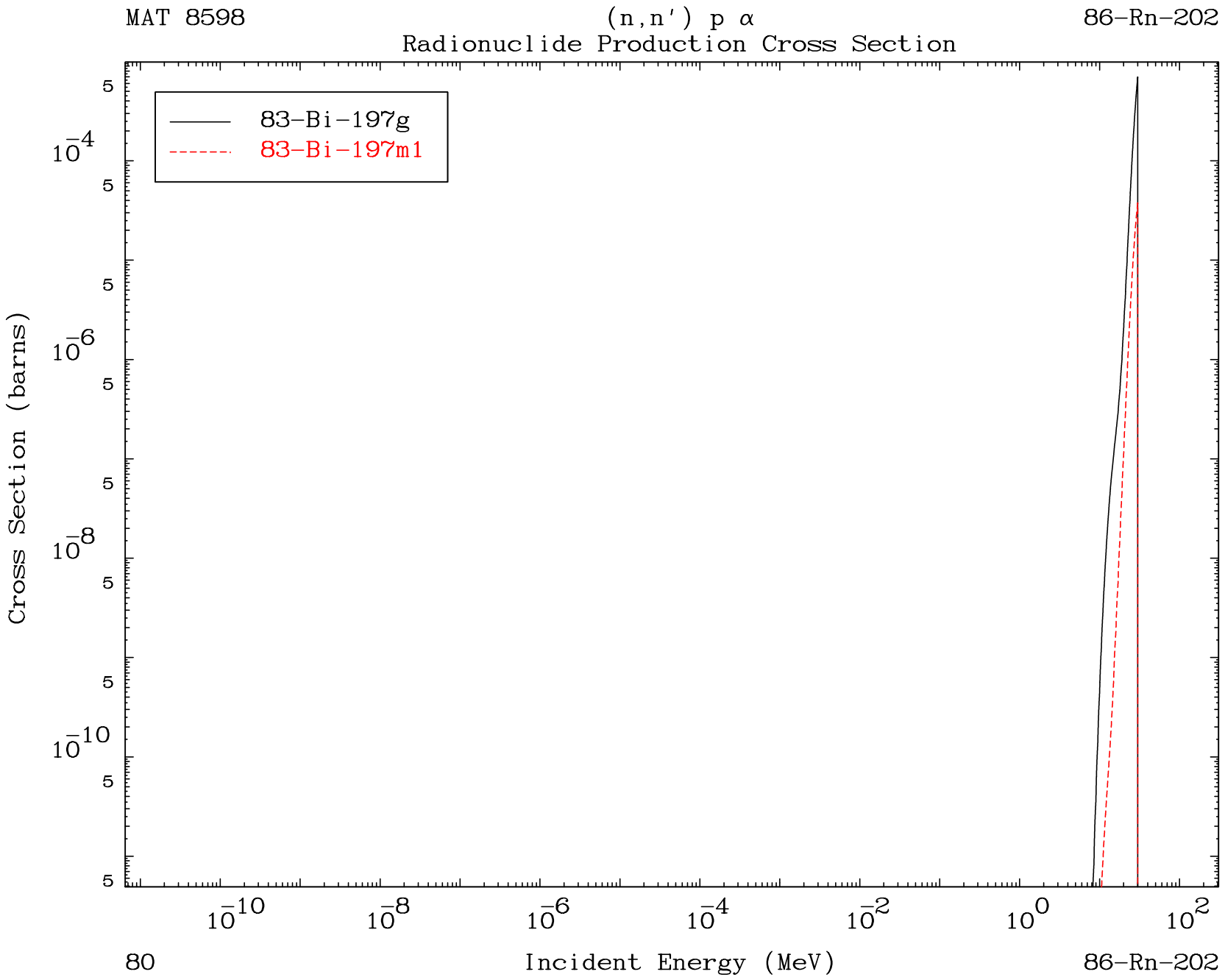

MAT 8598
(n,2n) α
86-Rn-202
Radionuclide Production Cross Section
84-Po-197g
84-Po-197m2
Cross Section (barns)
Incident Energy (MeV)
75
86-Rn-202

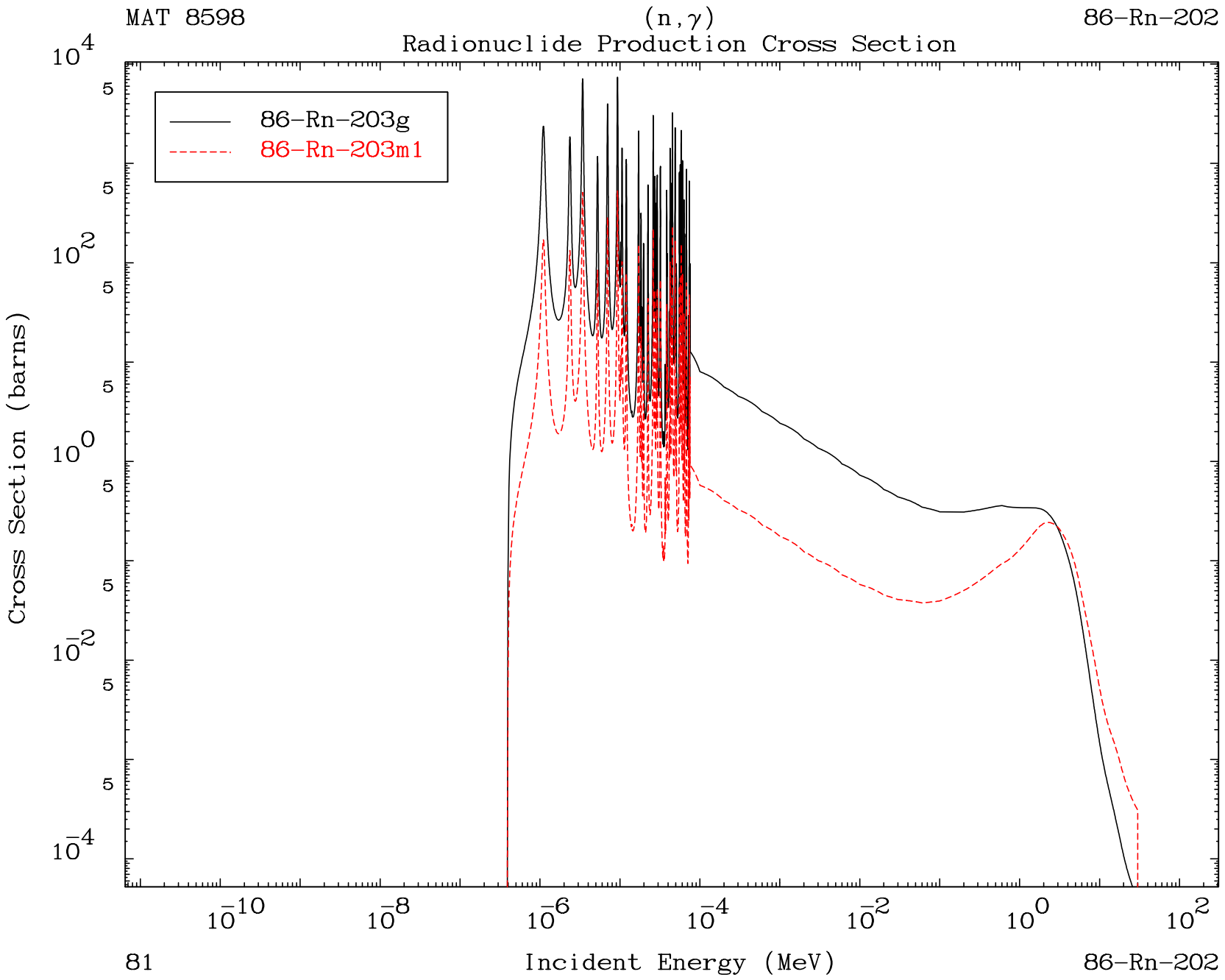

MAT 8598
(n,2n) 2α
86-Rn-202
Radionuclide Production Cross Section
82-Pb-193g
82-Pb-193m1
Cross Section (barns)
Incident Energy (MeV)
76
86-Rn-202

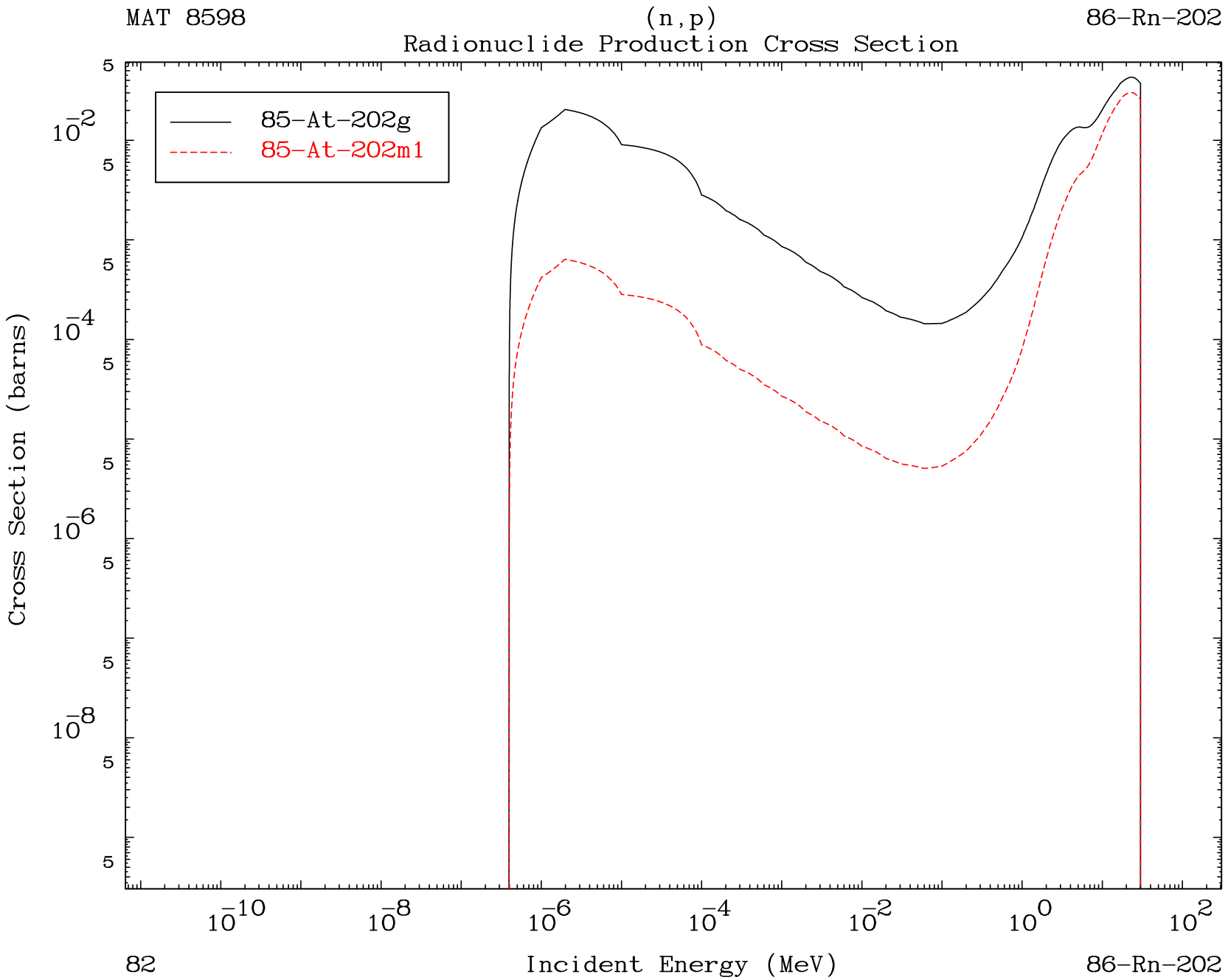

MAT 8598
(n,n') d
86-Rn-202
Radionuclide Production Cross Section
85-At-200g
85-At-200m1
85-At-200m3
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
2
3
4
5
6
7
8
9
10^2
2
77
Incident Energy (MeV)
86-Rn-202

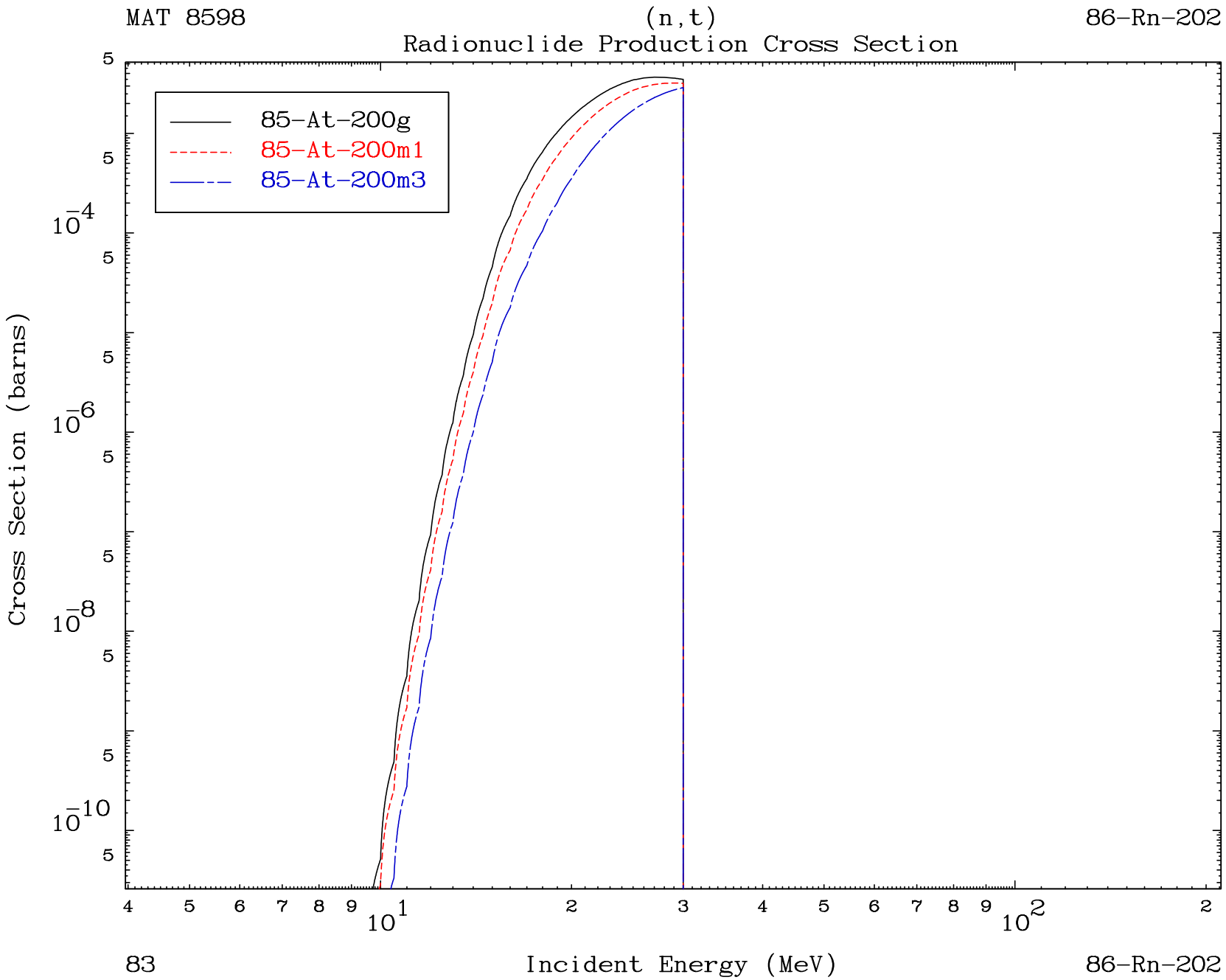

MAT 8598
(n,n') He-3
86-Rn-202
Radionuclide Production Cross Section
84-Po-199g
84-Po-199m2
Cross Section (barns)
Incident Energy (MeV)
78
86-Rn-202

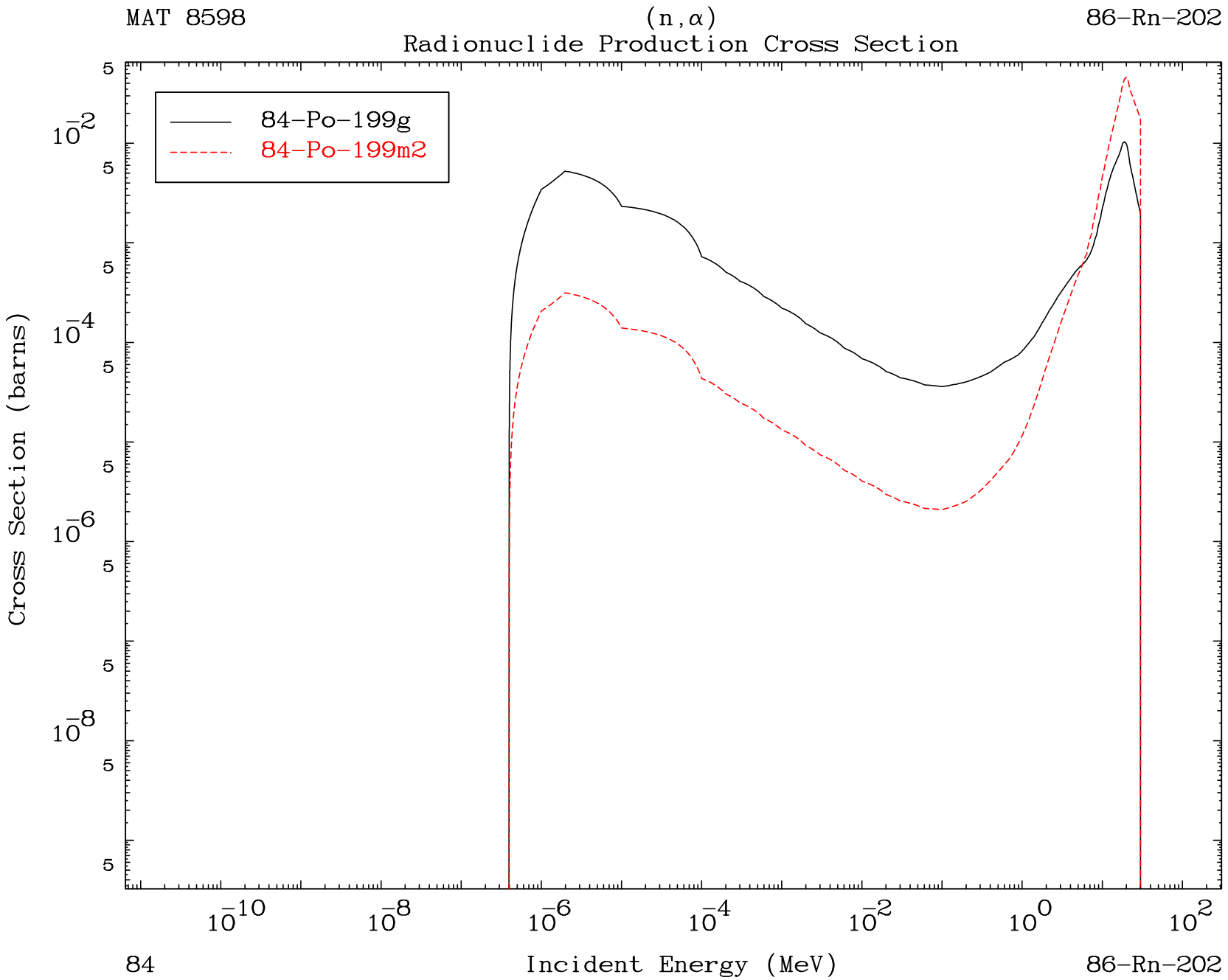

MAT 8598
(n,2n) p
86-Rn-202
Radionuclide Production Cross Section
Cross Section (barns)
10-2
5
10-4
5
10-6
5
10-8
5
10-10
2
3
4
5
6
7
8
9
10 2
2
79
Incident Energy (MeV)
86-Rn-202
85-At-200g
85-At-200m1
85-At-200m3

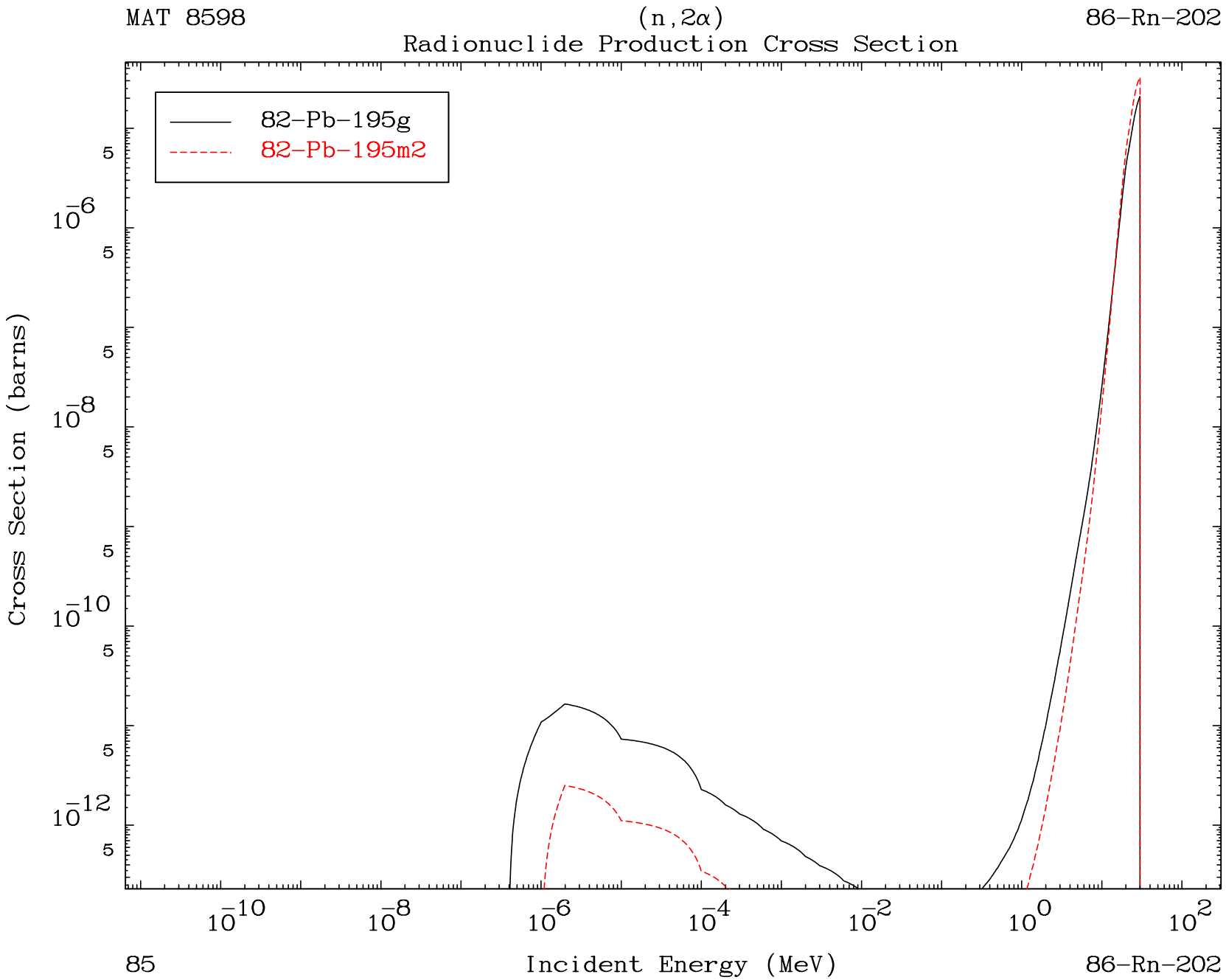

MAT 8598
(n,n') p α
86-Rn-202
Radionuclide Production Cross Section
83-Bi-197g
83-Bi-197m1
Cross Section (barns)
Incident Energy (MeV)
80
86-Rn-202

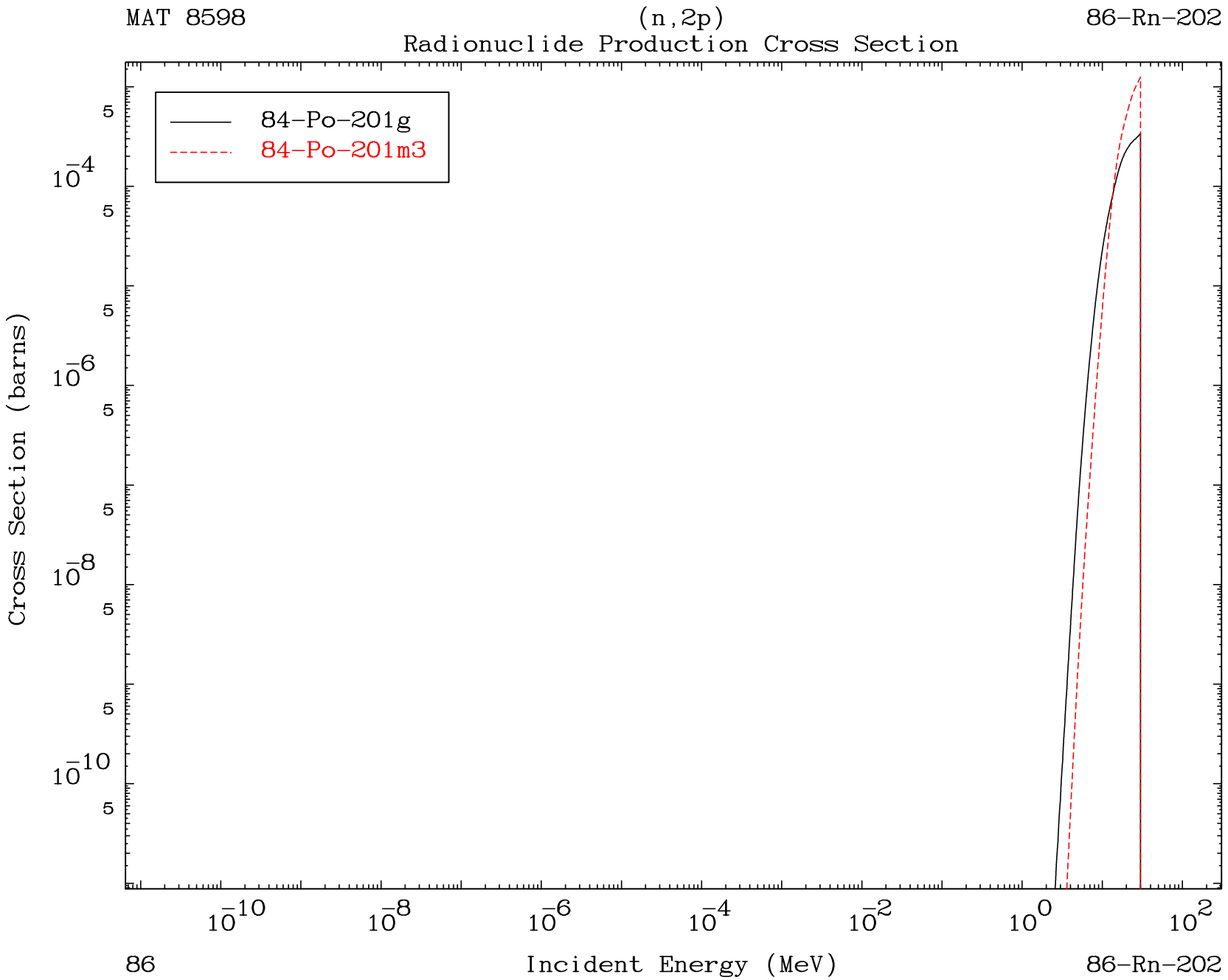

MAT 8598
(n,γ)
86-Rn-202
Radionuclide Production Cross Section
86-Rn-203g
86-Rn-203m1
Cross Section (barns)
Incident Energy (MeV)
81
86-Rn-202

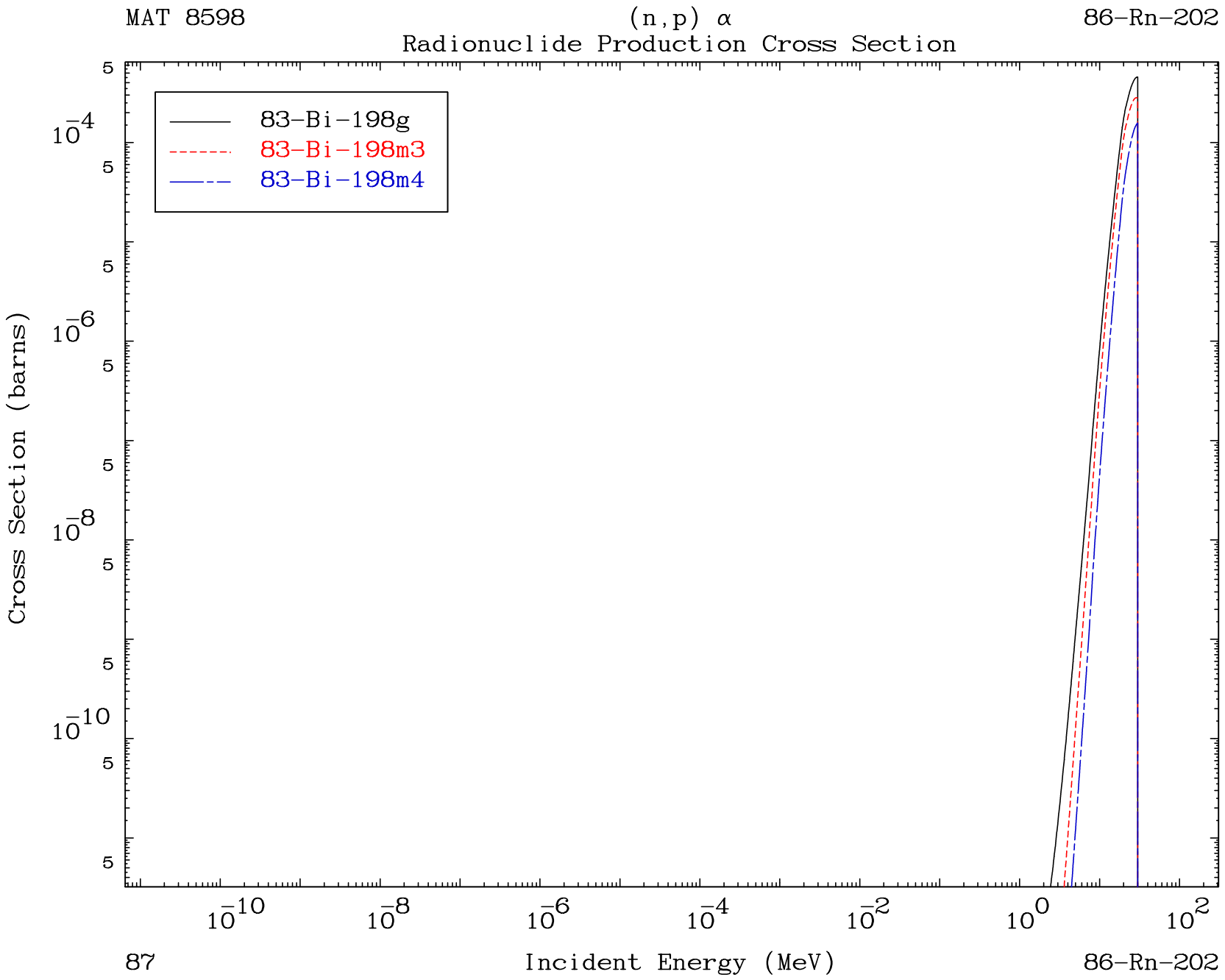

MAT 8598
(n,p)
86-Rn-202
Radionuclide Production Cross Section
85-At-202g
85-At-202m1
Cross Section (barns)
Incident Energy (MeV)
82
86-Rn-202

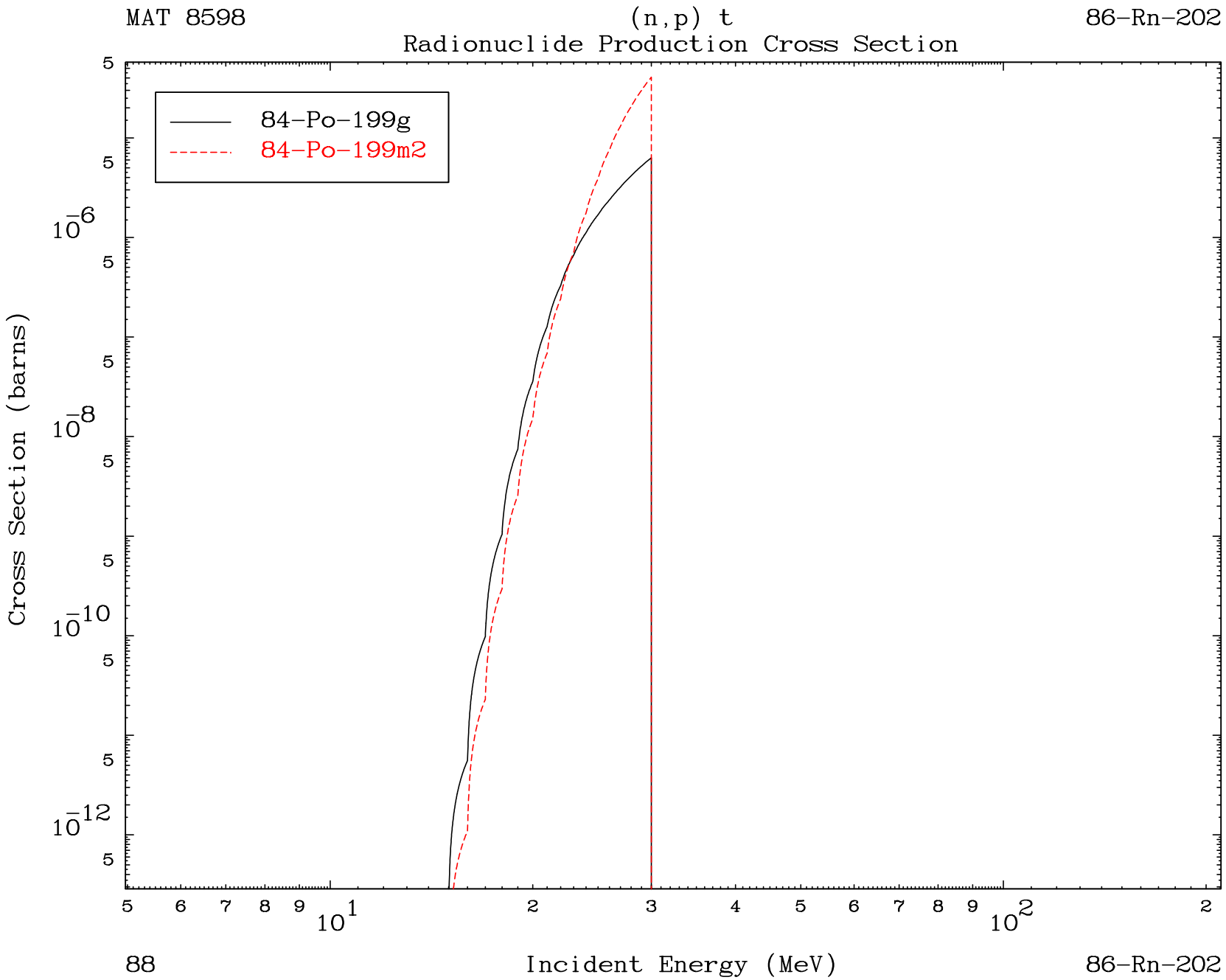

MAT 8598
(n,t)
86-Rn-202
Radionuclide Production Cross Section
85-At-200g
85-At-200m1
85-At-200m3
Cross Section (barns)
Incident Energy (MeV)
83
86-Rn-202

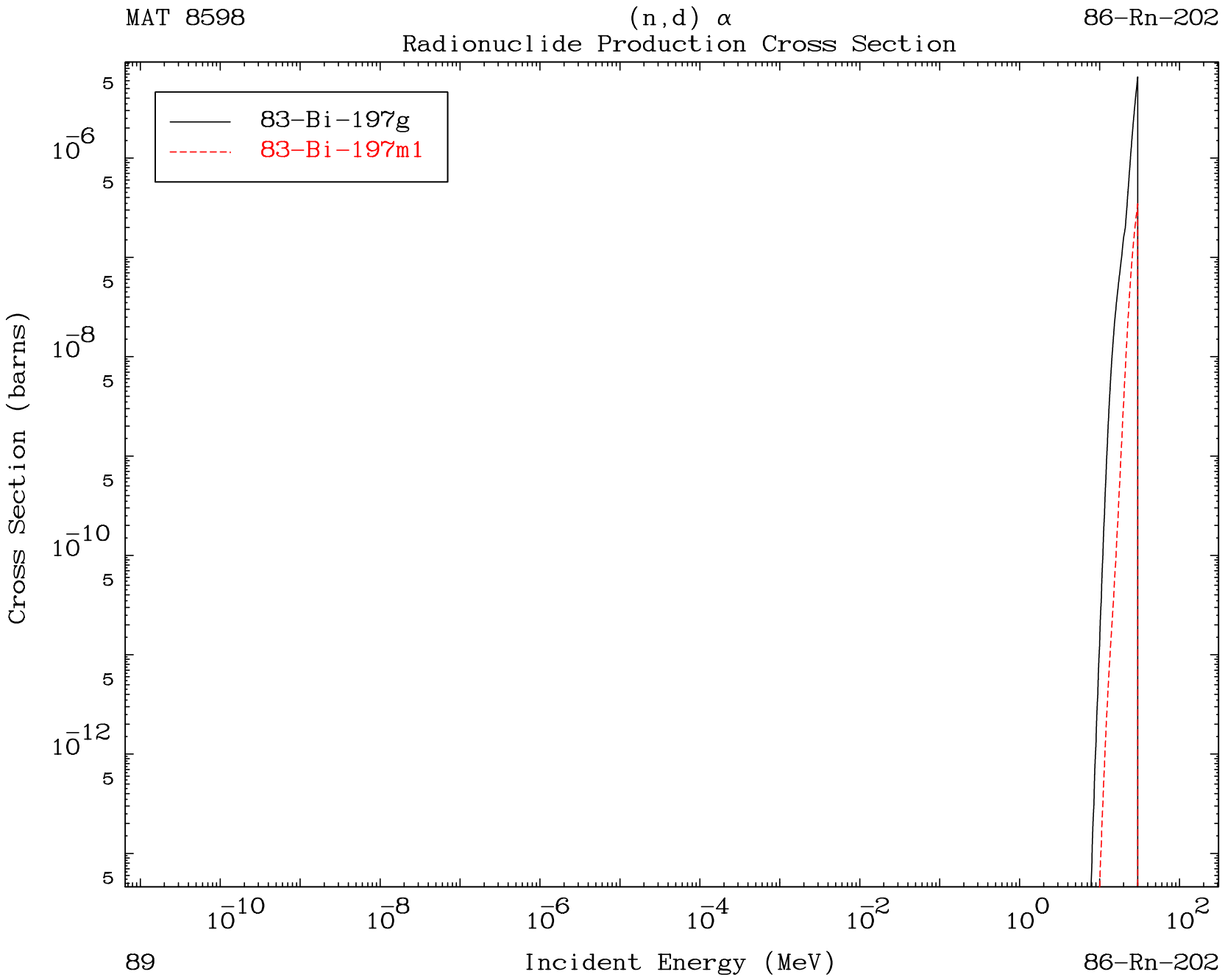

MAT 8598
(n,α)
86-Rn-202
Radionuclide Production Cross Section
84-Po-199g
84-Po-199m2
Cross Section (barns)
Incident Energy (MeV)
84
86-Rn-202


MAT 8598
(n,2α)
86-Rn-202
Radionuclide Production Cross Section
82-Pb-195g
82-Pb-195m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
85
Incident Energy (MeV)
86-Rn-202


MAT 8598
(n,2p)
86-Rn-202
Radionuclide Production Cross Section
84-Po-201g
84-Po-201m3
Cross Section (barns)
Incident Energy (MeV)
86
86-Rn-202


MAT 8598
(n,p) α
86-Rn-202
Radionuclide Production Cross Section
83-Bi-198g
83-Bi-198m3
83-Bi-198m4
Cross Section (barns)
Incident Energy (MeV)
87
86-Rn-202


MAT 8598
(n,p) t
86-Rn-202
Radionuclide Production Cross Section
84-Po-199g
84-Po-199m2
Cross Section (barns)
Incident Energy (MeV)
88
86-Rn-202


MAT 8598
(n,d) α
86-Rn-202
Radionuclide Production Cross Section
83-Bi-197g
83-Bi-197m1
Cross Section (barns)
Incident Energy (MeV)
89
86-Rn-202