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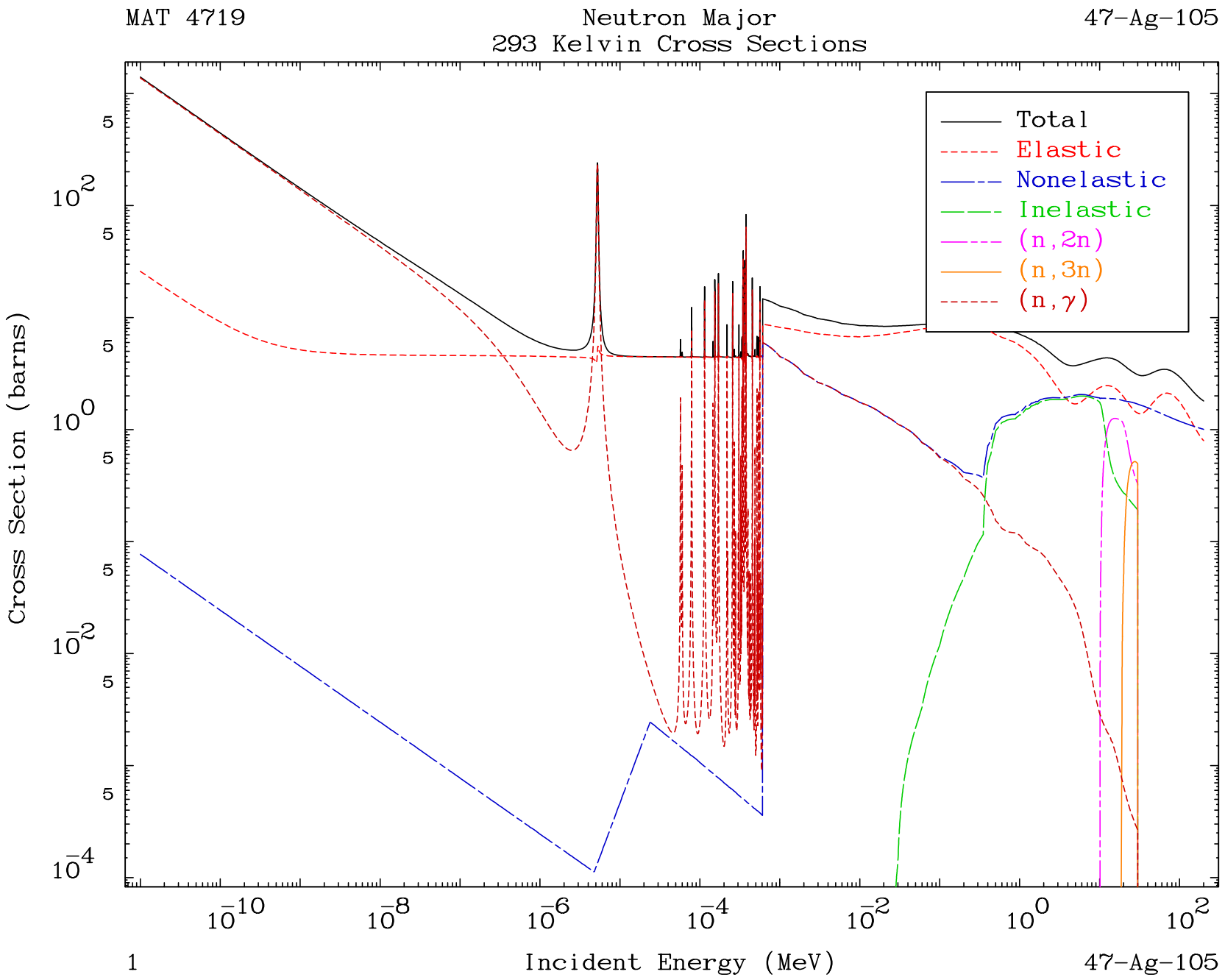
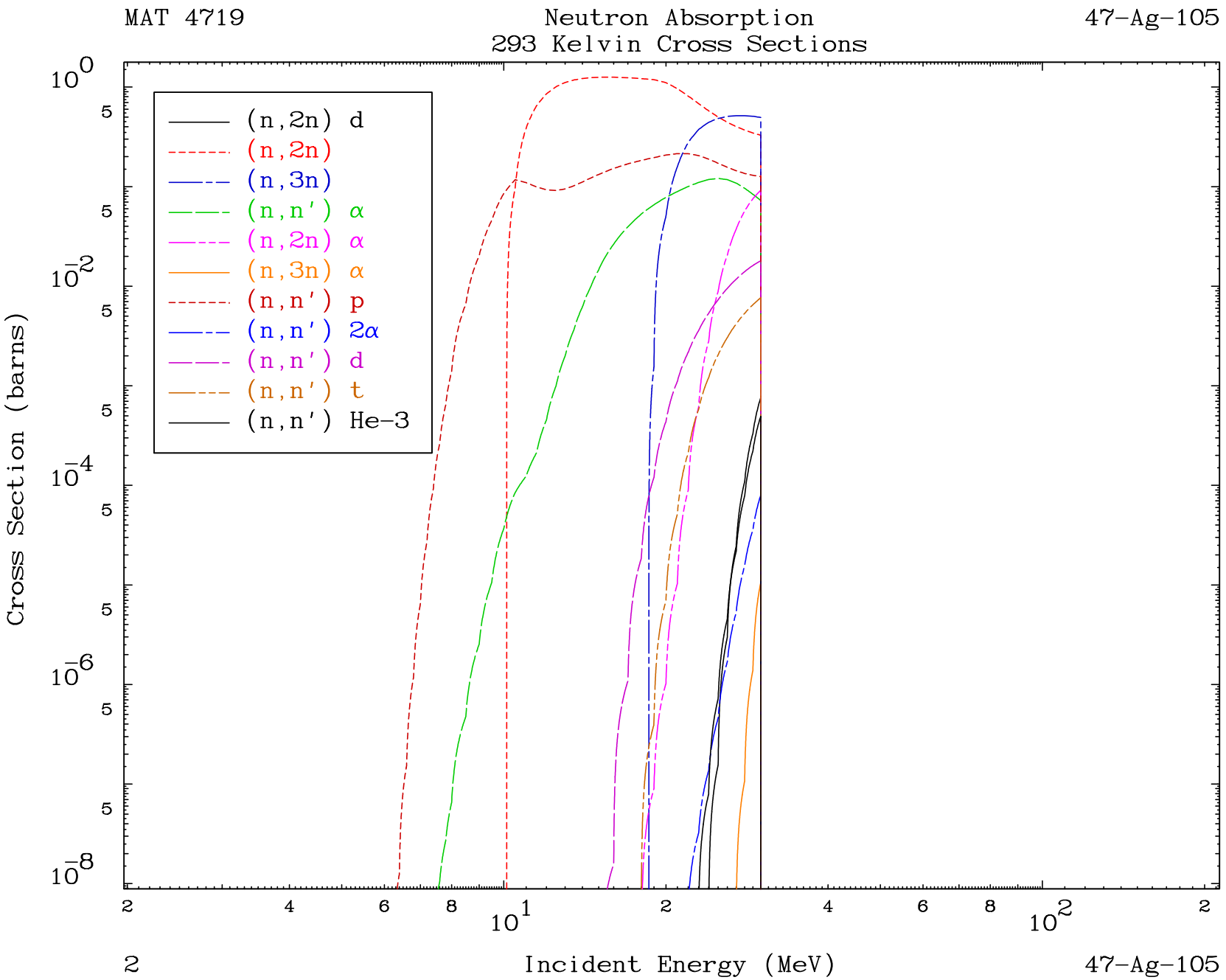
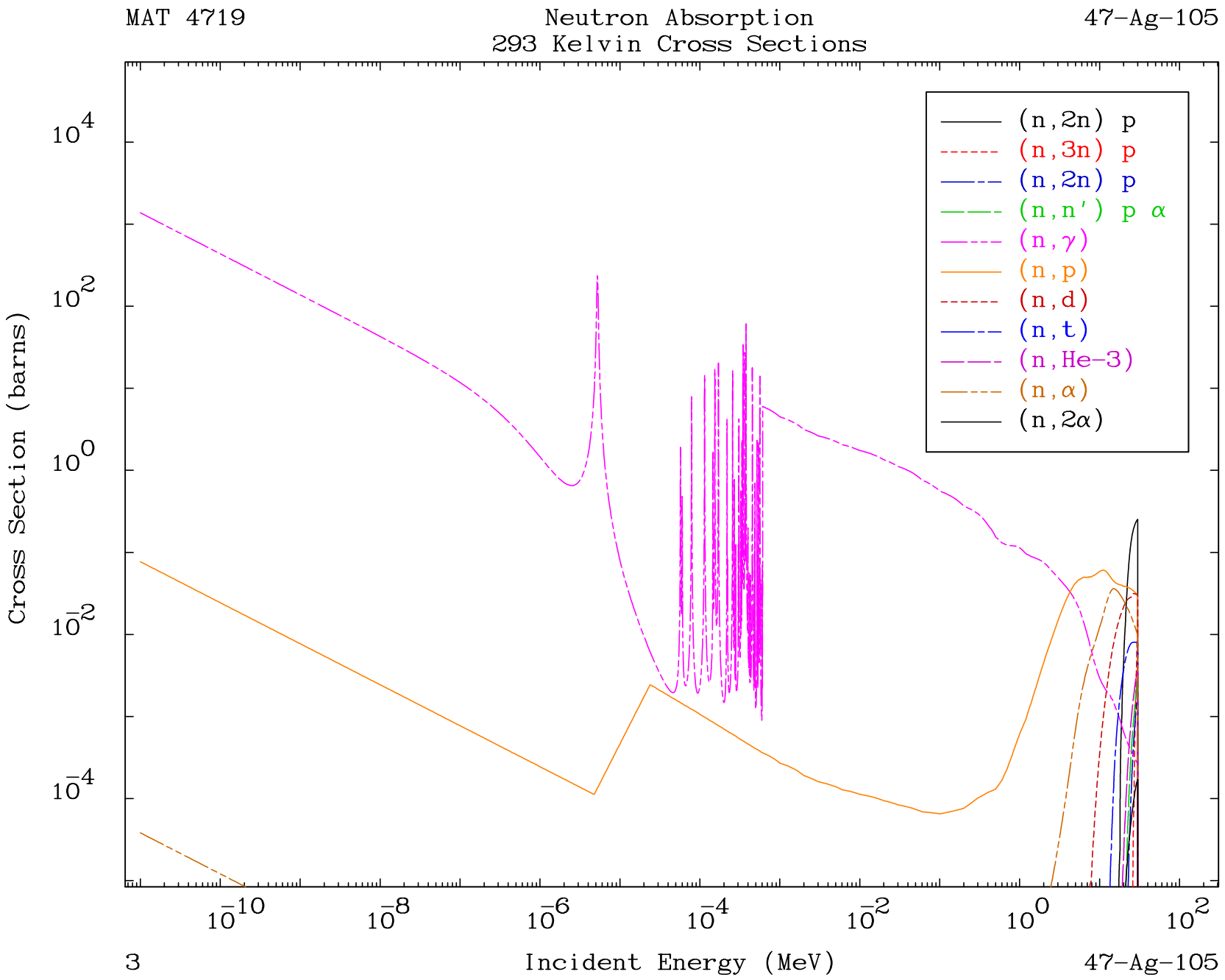
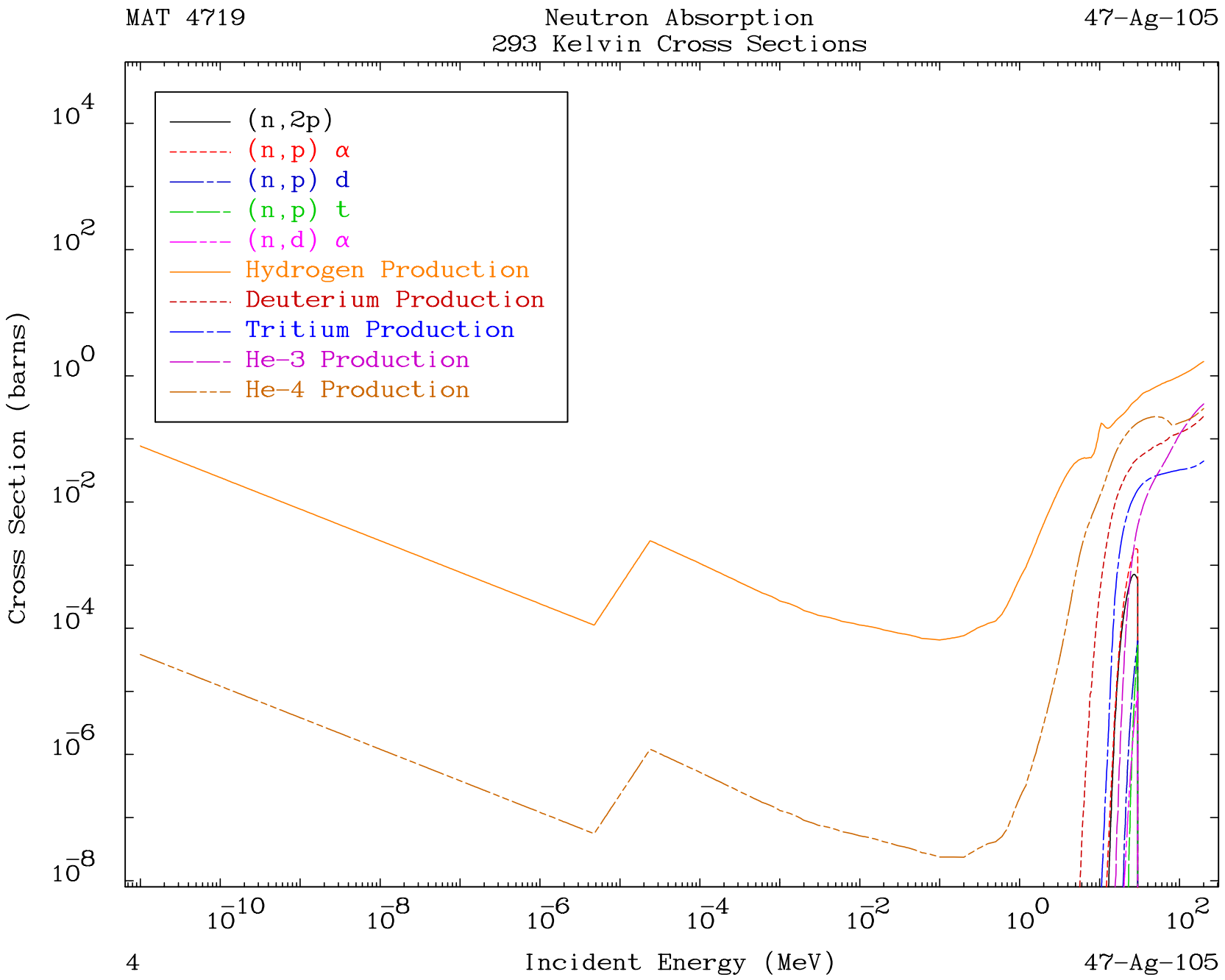
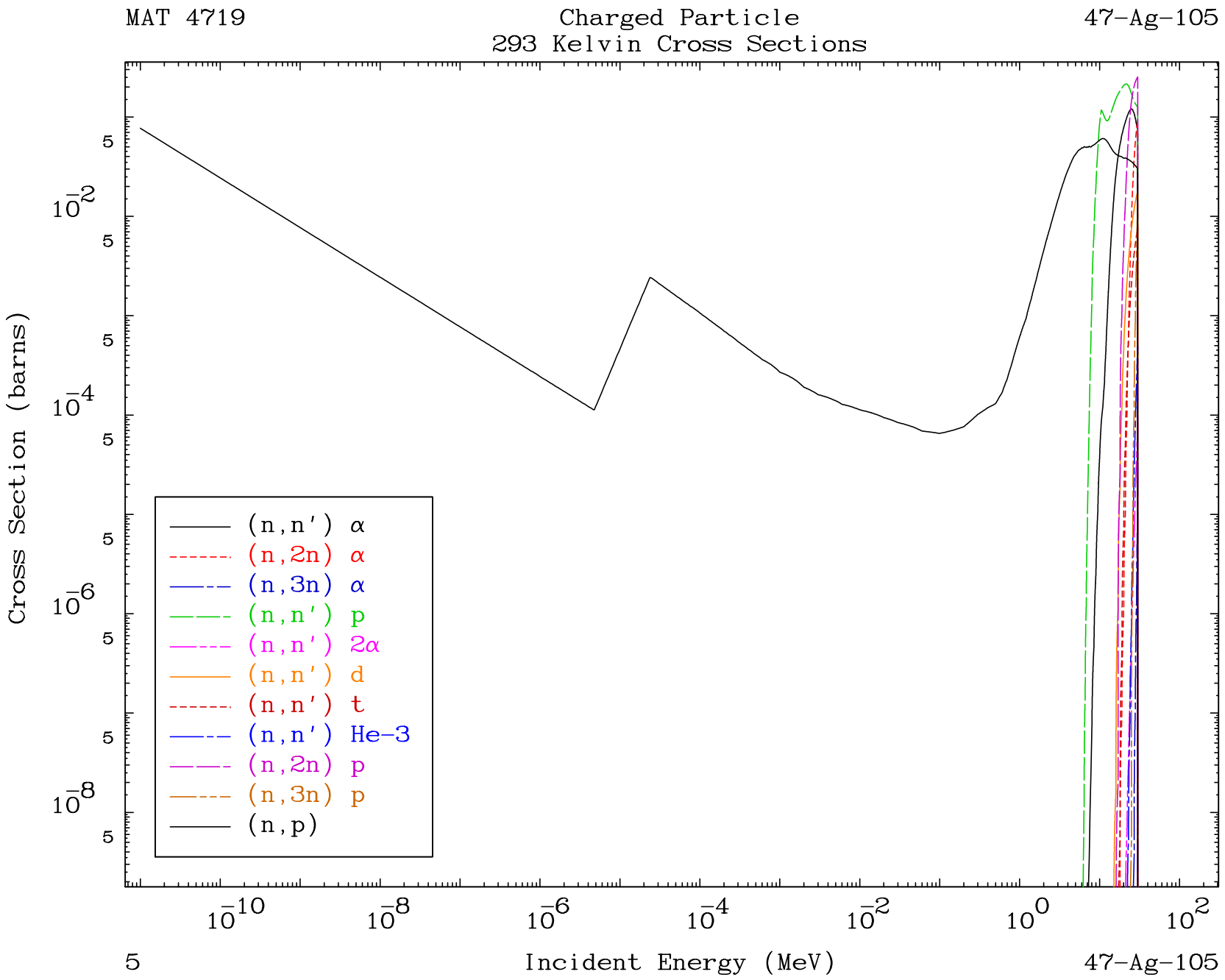
Press Mouse Button to Start

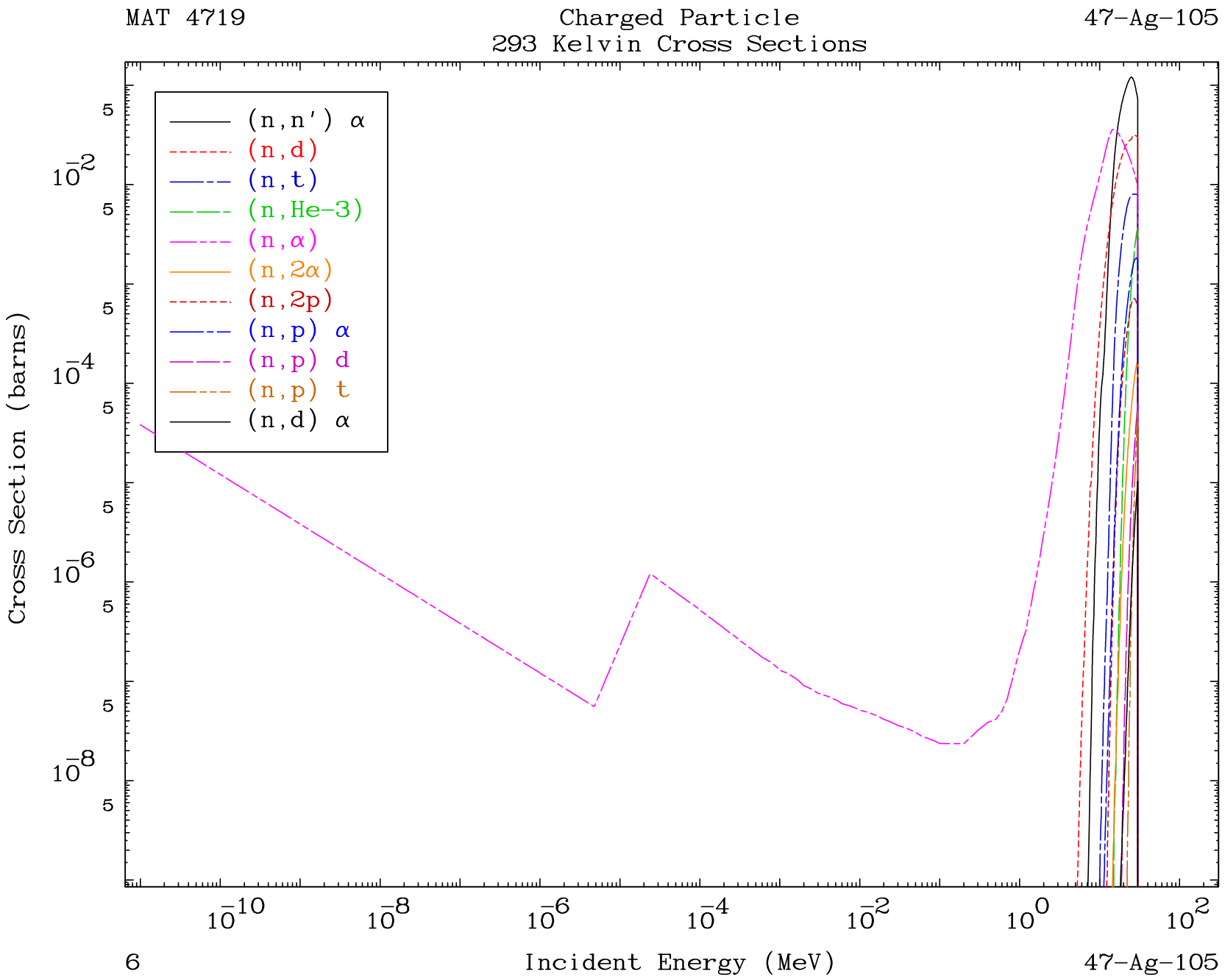

MAT 4719
Neutron Major
293 Kelvin Cross Sections
47-Ag-105
Total
Elastic
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
1
47-Ag-105

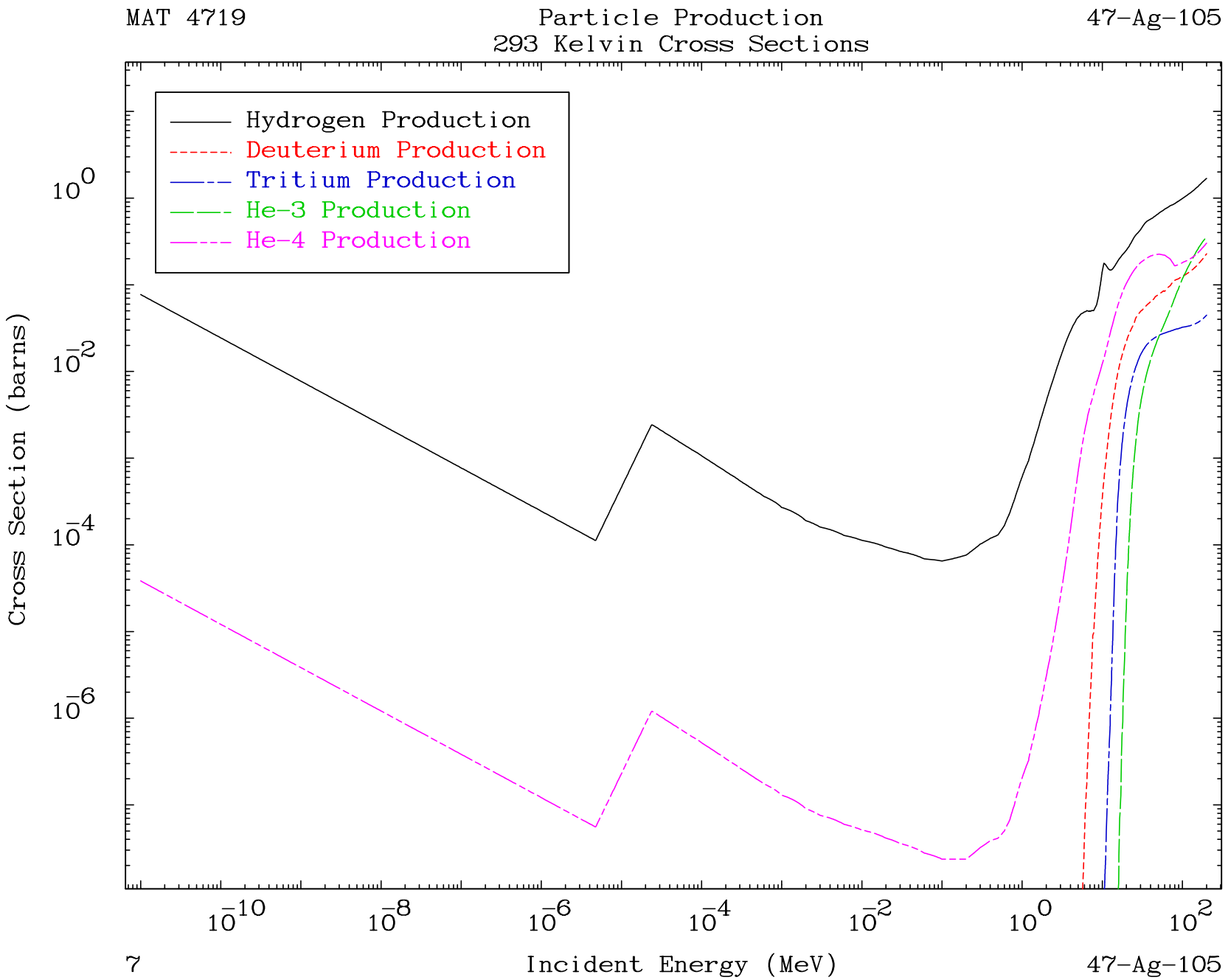

MAT 4719
Neutron Absorption
293 Kelvin Cross Sections
47-Ag-105
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
Cross Section (barns)
Incident Energy (MeV)
47-Ag-105

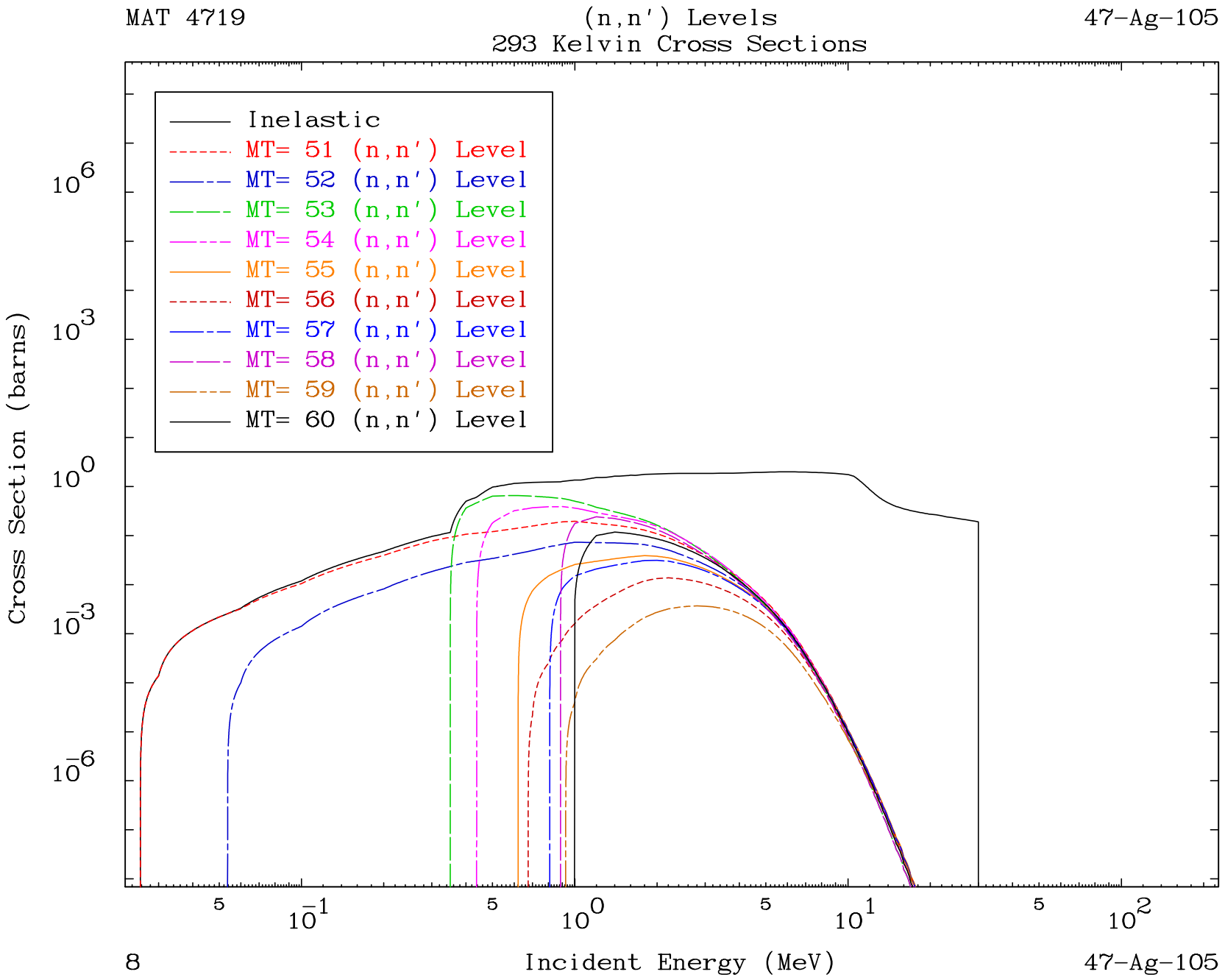

MAT 4719
Neutron Absorption
293 Kelvin Cross Sections
47-Ag-105
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
Cross Section (barns)
10^4
10^2
10^0
10^-2
10^-4
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
Incident Energy (MeV)
3
47-Ag-105

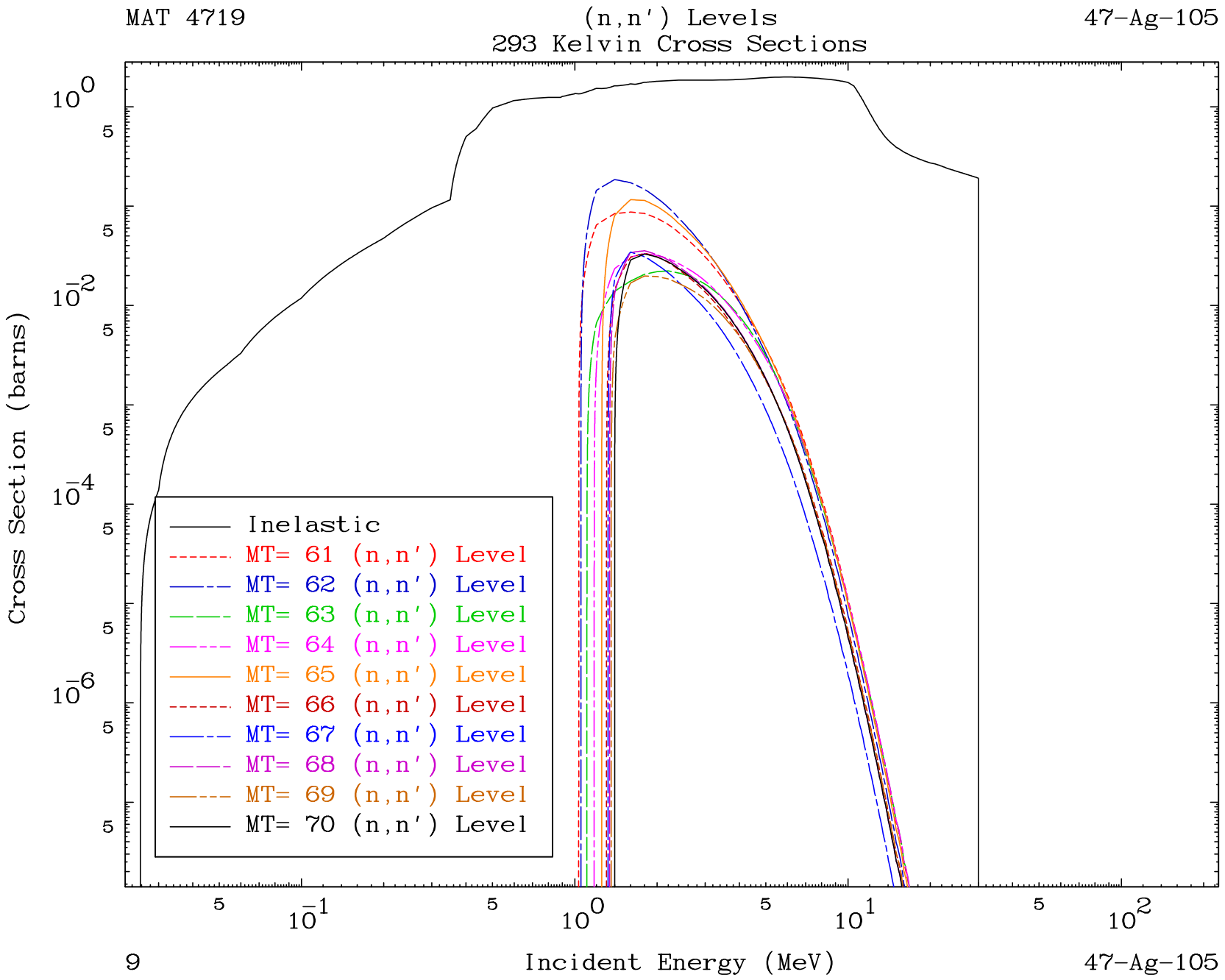

MAT 4719
Neutron Absorption
293 Kelvin Cross Sections
47-Ag-105
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Hydrogen Production
Deuterium Production
Tritium Production
He-3 Production
He-4 Production
Cross Section (barns)
Incident Energy (MeV)
4
47-Ag-105

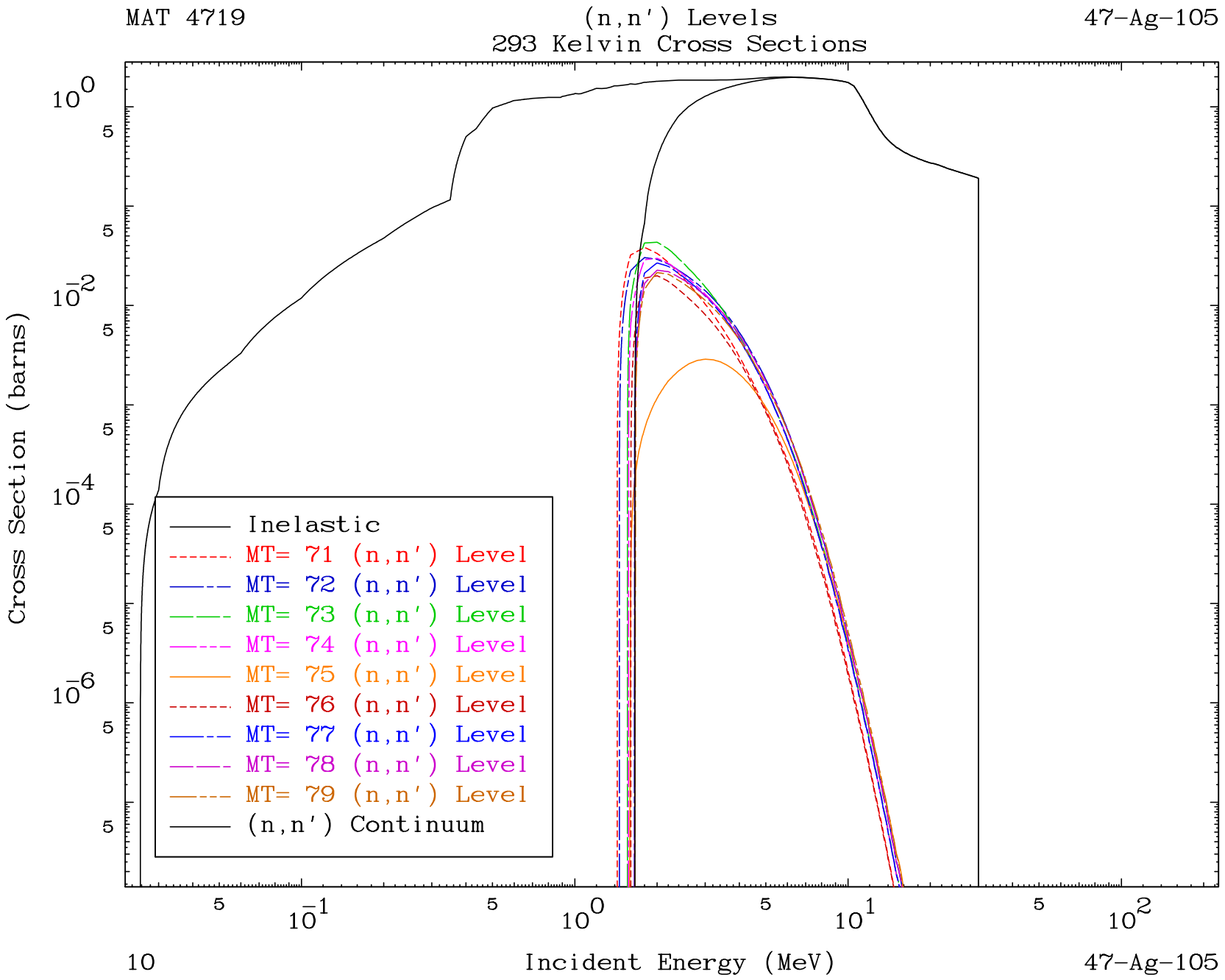

MAT 4719
Charged Particle
293 Kelvin Cross Sections
47-Ag-105
Cross Section (barns)
Incident Energy (MeV)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)

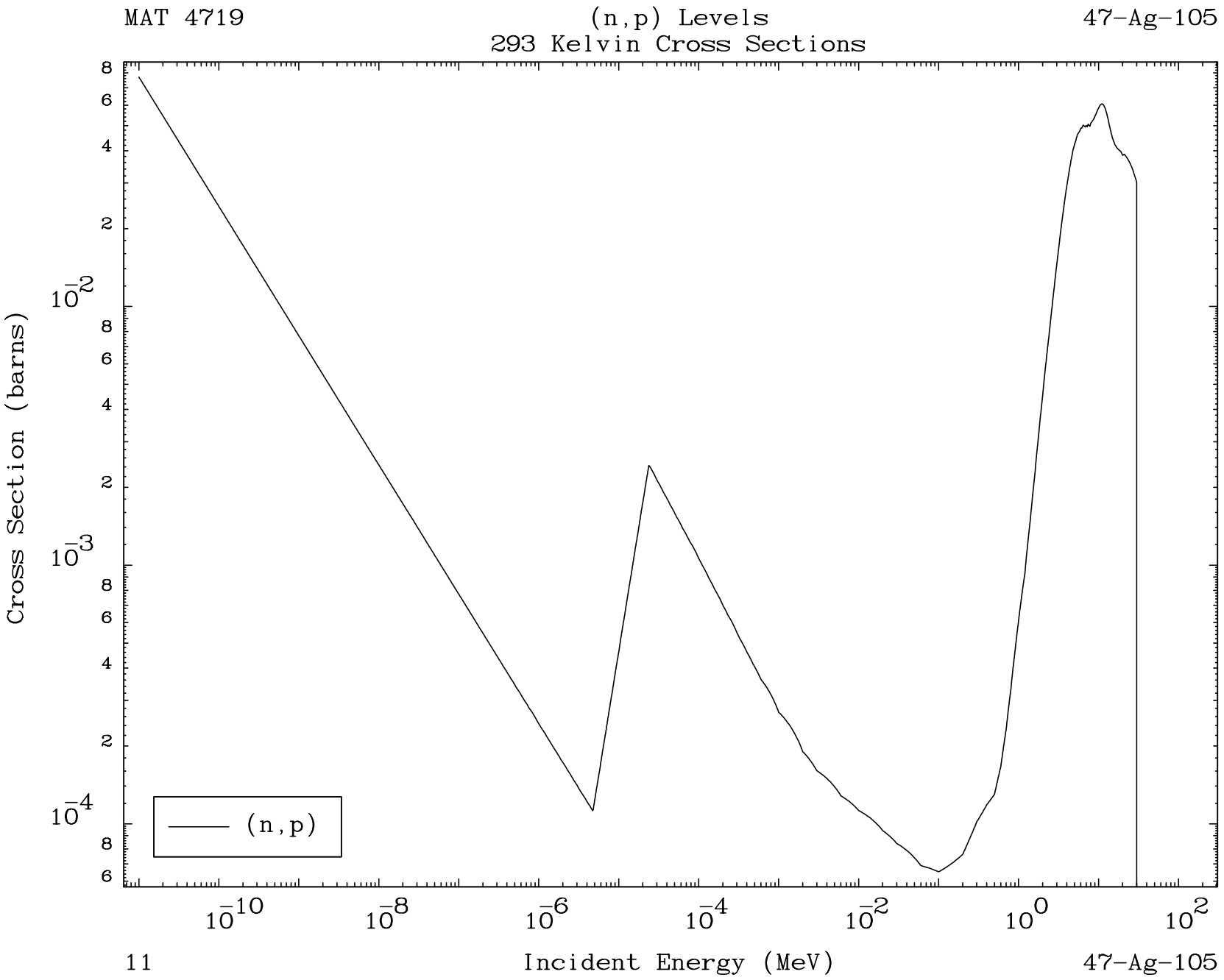

MAT 4719
Charged Particle
293 Kelvin Cross Sections
47-Ag-105
(n,n') α
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
6
47-Ag-105

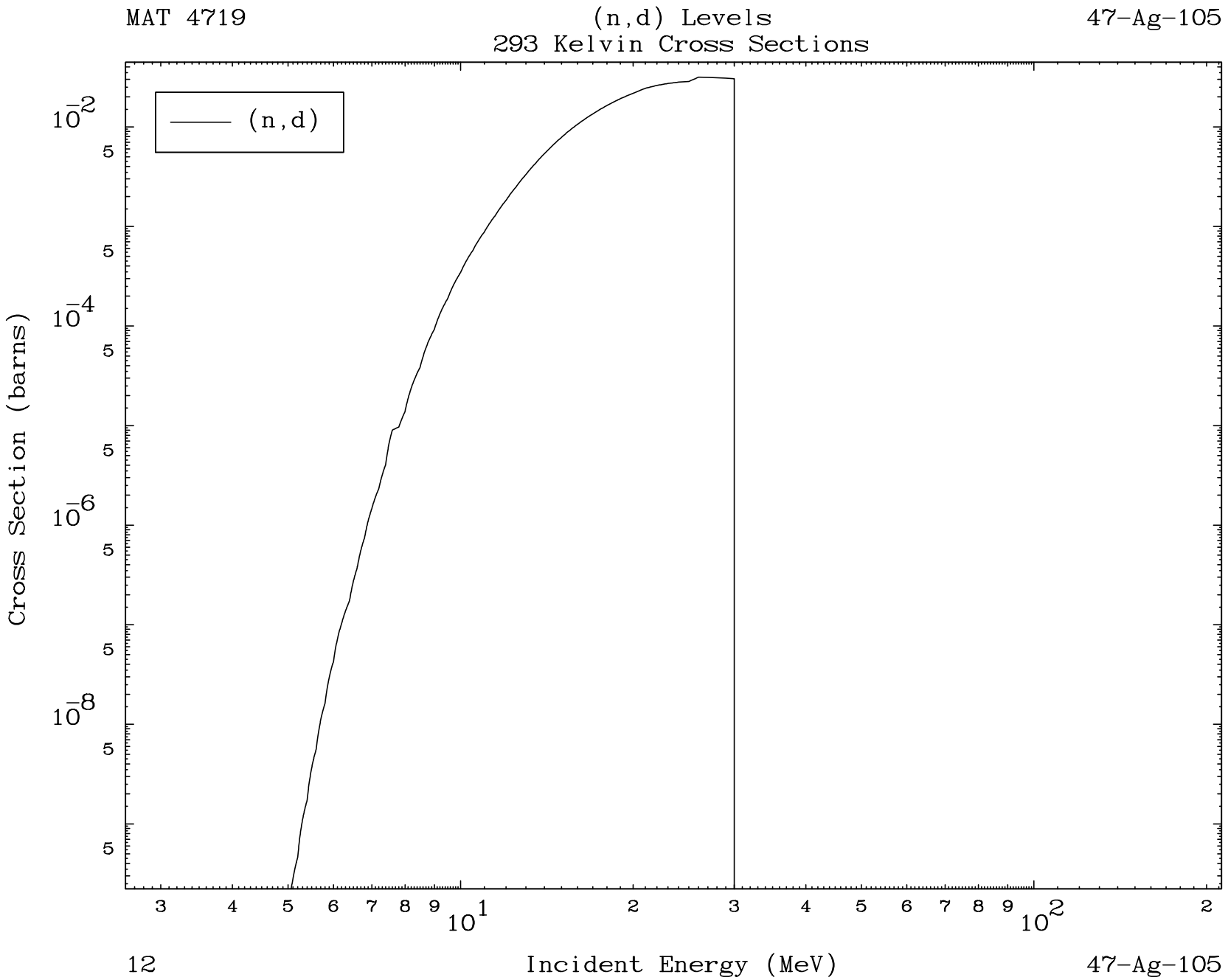

MAT 4719
Particle Production
293 Kelvin Cross Sections
47-Ag-105
Hydrogen Production
Deuterium Production
Tritium Production
He-3 Production
He-4 Production
Cross Section (barns)
10^0
10^-2
10^-4
10^-6
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
Incident Energy (MeV)
7
47-Ag-105

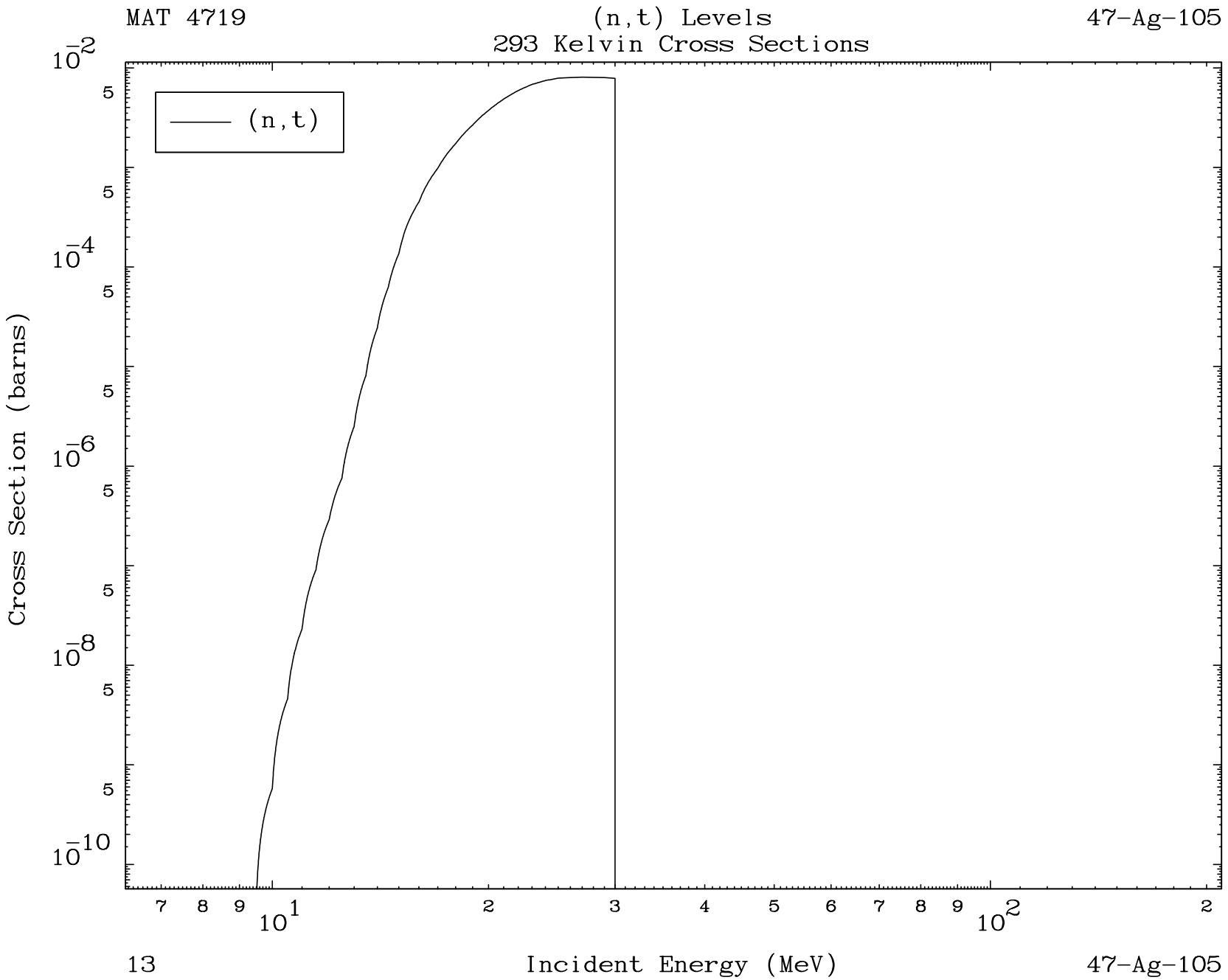

MAT 4719
(n,n') Levels
47-Ag-105
293 Kelvin Cross Sections
Inelastic
MT= 51 (n,n') Level
MT= 52 (n,n') Level
MT= 53 (n,n') Level
MT= 54 (n,n') Level
MT= 55 (n,n') Level
MT= 56 (n,n') Level
MT= 57 (n,n') Level
MT= 58 (n,n') Level
MT= 59 (n,n') Level
MT= 60 (n,n') Level
Cross Section (barns)
10^6
10^3
10^0
10^-3
10^-6
5
10^-1
5
10^0
5
10^1
5
10^2
Incident Energy (MeV)
8
47-Ag-105

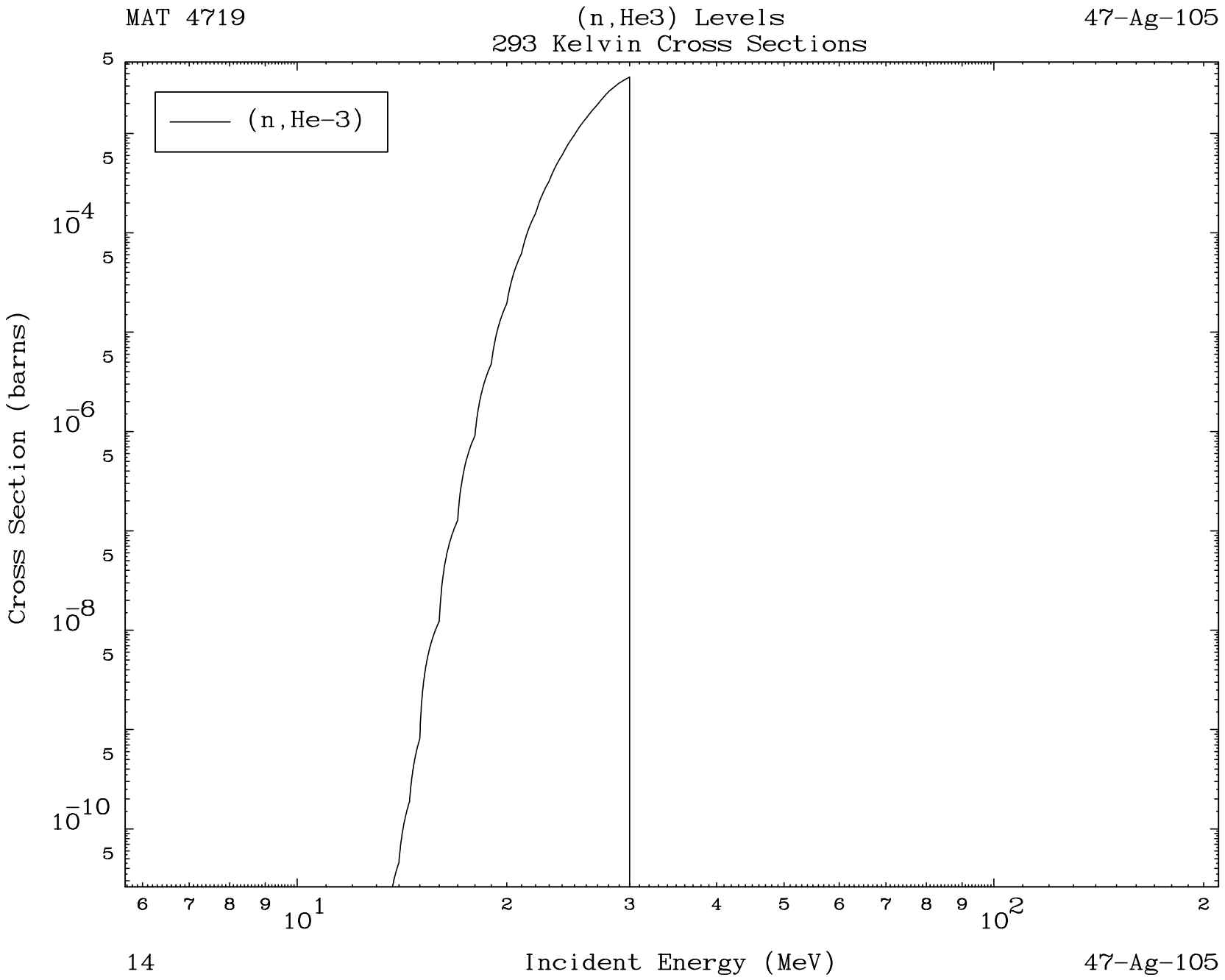

MAT 4719
(n,n') Levels
293 Kelvin Cross Sections
47-Ag-105
Cross Section (barns)
Incident Energy (MeV)
Inelastic
MT= 61 (n,n') Level
MT= 62 (n,n') Level
MT= 63 (n,n') Level
MT= 64 (n,n') Level
MT= 65 (n,n') Level
MT= 66 (n,n') Level
MT= 67 (n,n') Level
MT= 68 (n,n') Level
MT= 69 (n,n') Level
MT= 70 (n,n') Level
9
47-Ag-105

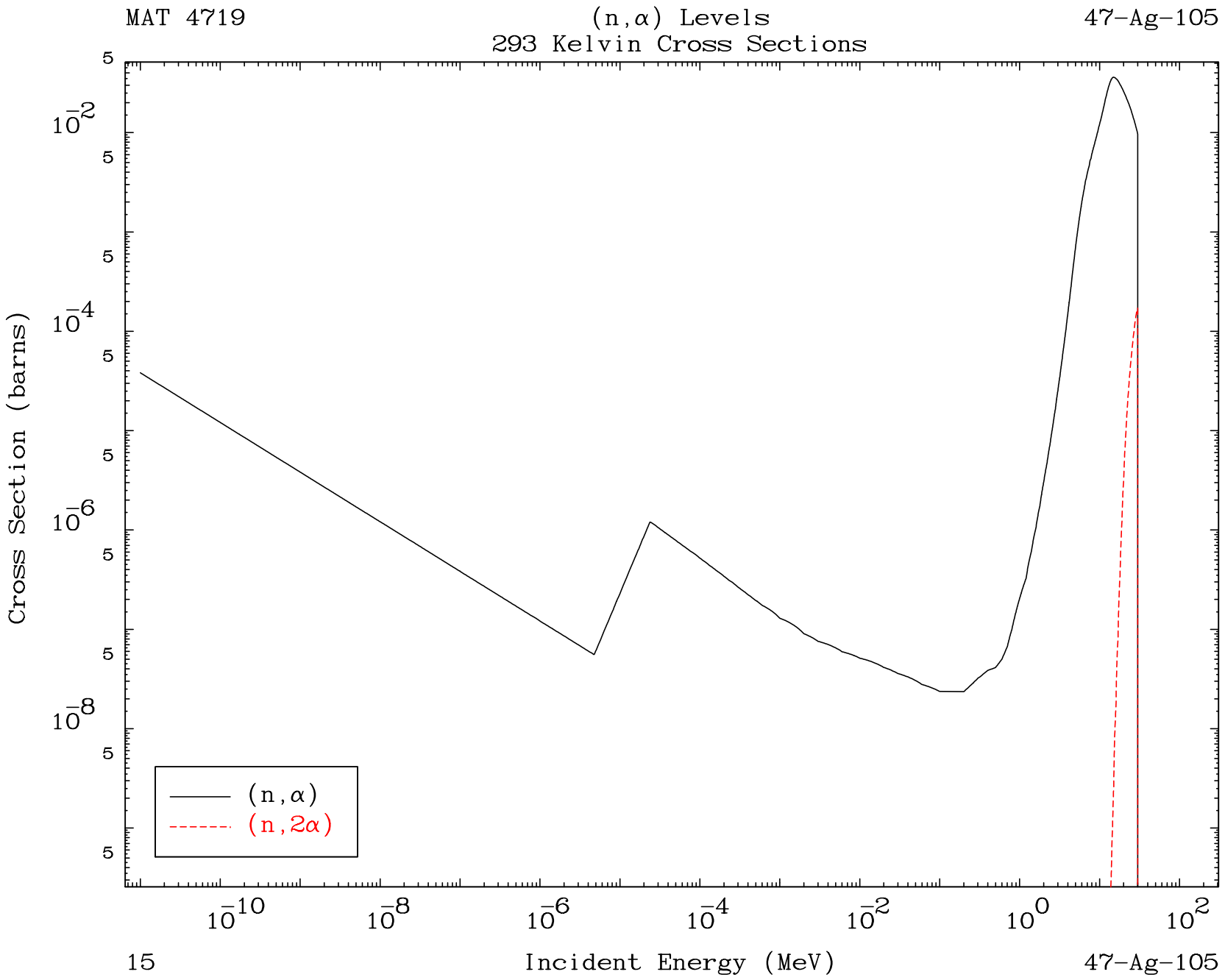

MAT 4719
(n,n') Levels
293 Kelvin Cross Sections
47-Ag-105
Cross Section (barns)
Incident Energy (MeV)
47-Ag-105
Inelastic
MT= 71 (n,n') Level
MT= 72 (n,n') Level
MT= 73 (n,n') Level
MT= 74 (n,n') Level
MT= 75 (n,n') Level
MT= 76 (n,n') Level
MT= 77 (n,n') Level
MT= 78 (n,n') Level
MT= 79 (n,n') Level
(n,n') Continuum

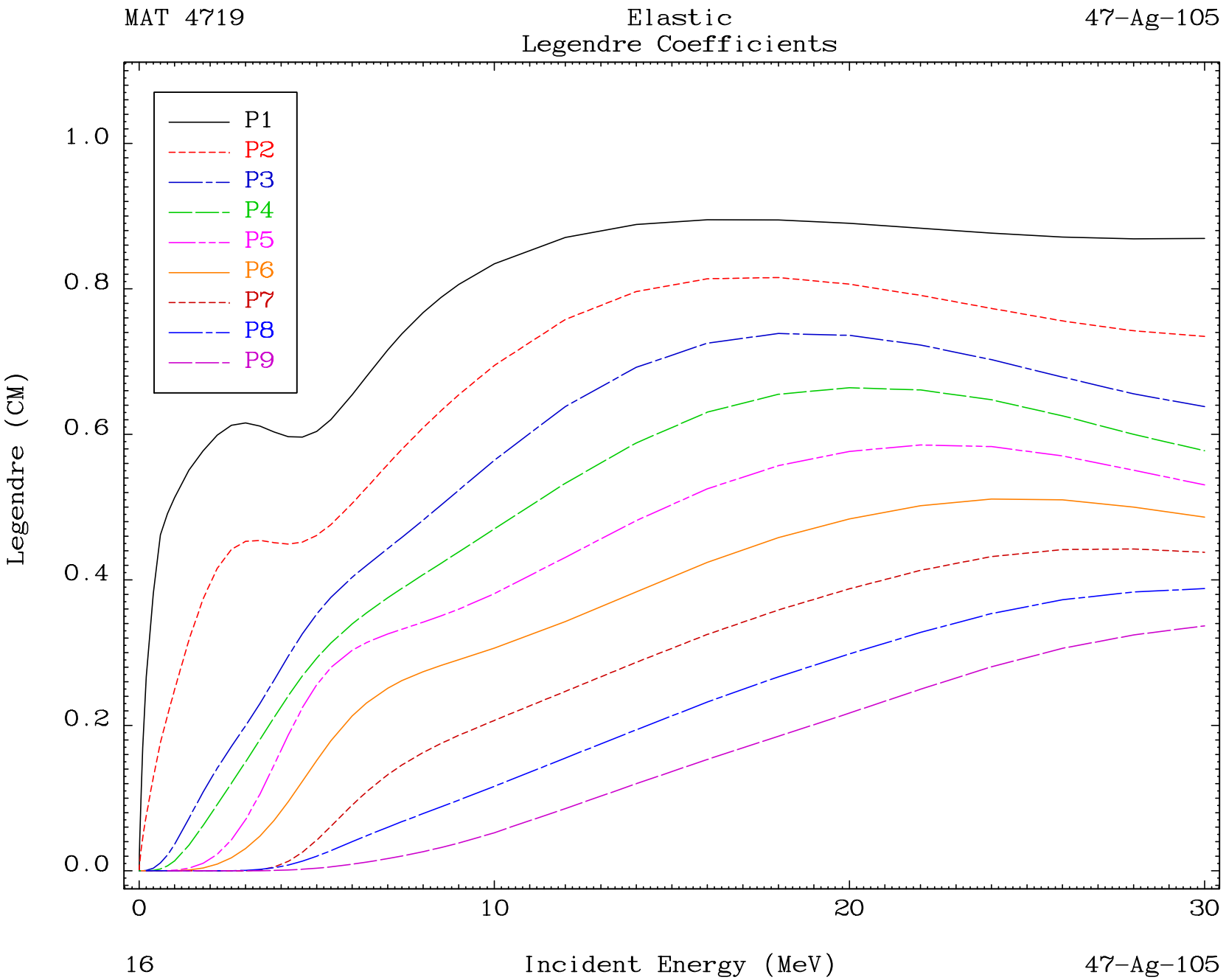

MAT 4719
(n,p) Levels
47-Ag-105
293 Kelvin Cross Sections
Cross Section (barns)
8
6
4
2
10^-2
8
6
4
2
10^-3
8
6
4
2
10^-4
8
6
(n,p)
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
11
Incident Energy (MeV)
47-Ag-105

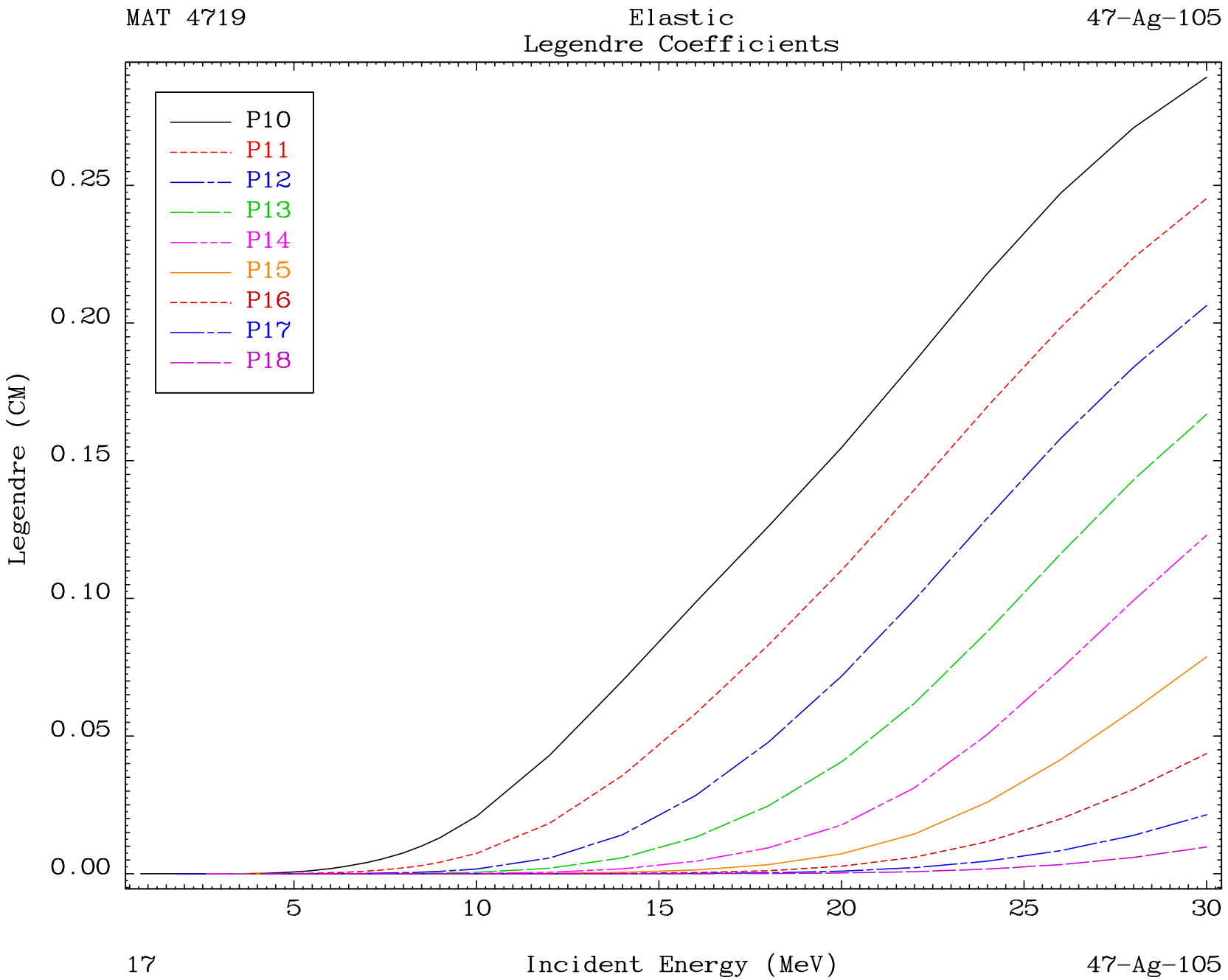

MAT 4719
(n,d) Levels
47-Ag-105
293 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-2
10-4
10-6
10-8
3 4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
12
Incident Energy (MeV)
47-Ag-105

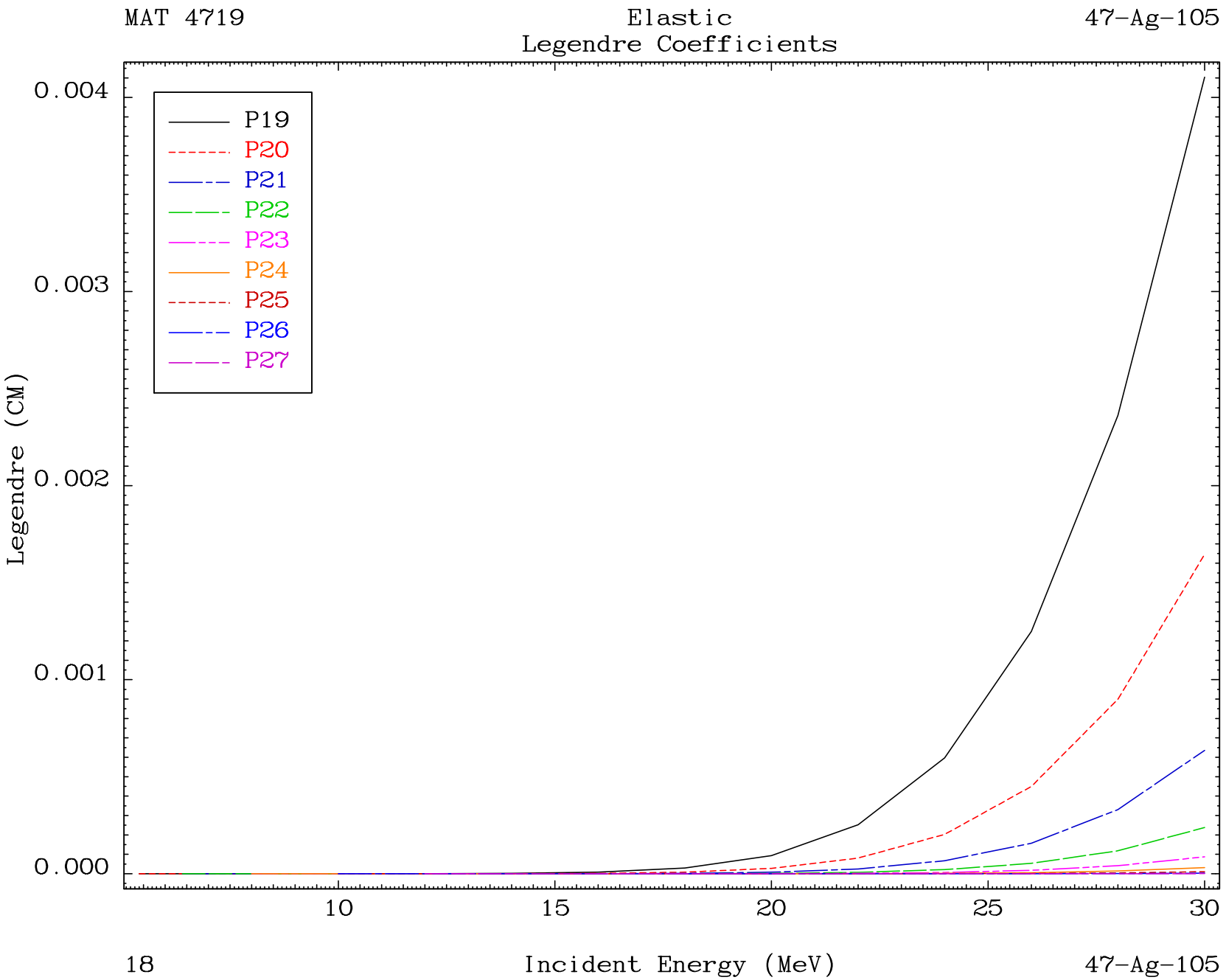

MAT 4719
(n,t) Levels
47-Ag-105
293 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
13
47-Ag-105

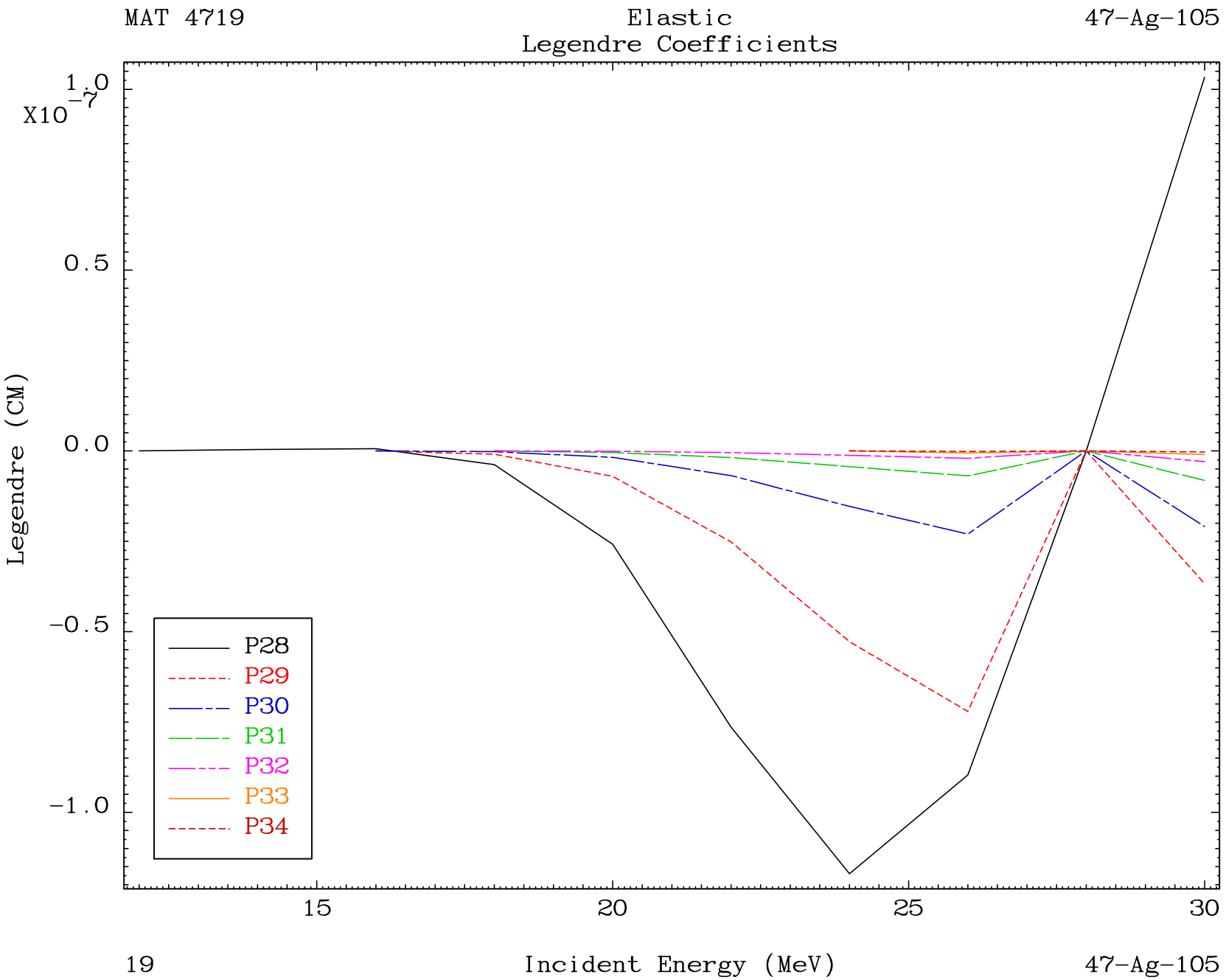

MAT 4719
(n,He3) Levels
47-Ag-105
293 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
14
47-Ag-105

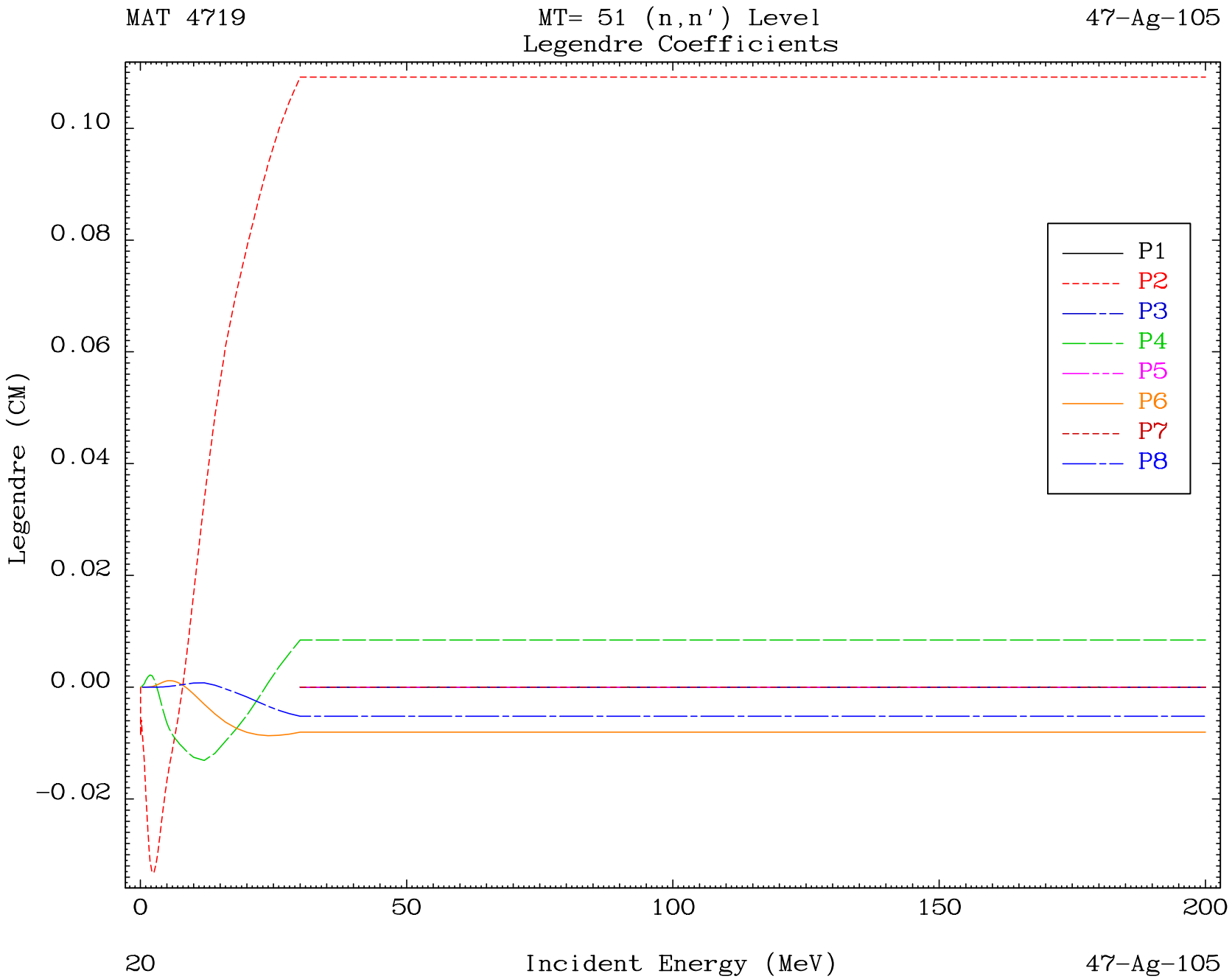

MAT 4719
(n,α) Levels
47-Ag-105
293 Kelvin Cross Sections
Cross Section (barns)
Incident Energy (MeV)
(n,α)
(n,2α)
15
47-Ag-105

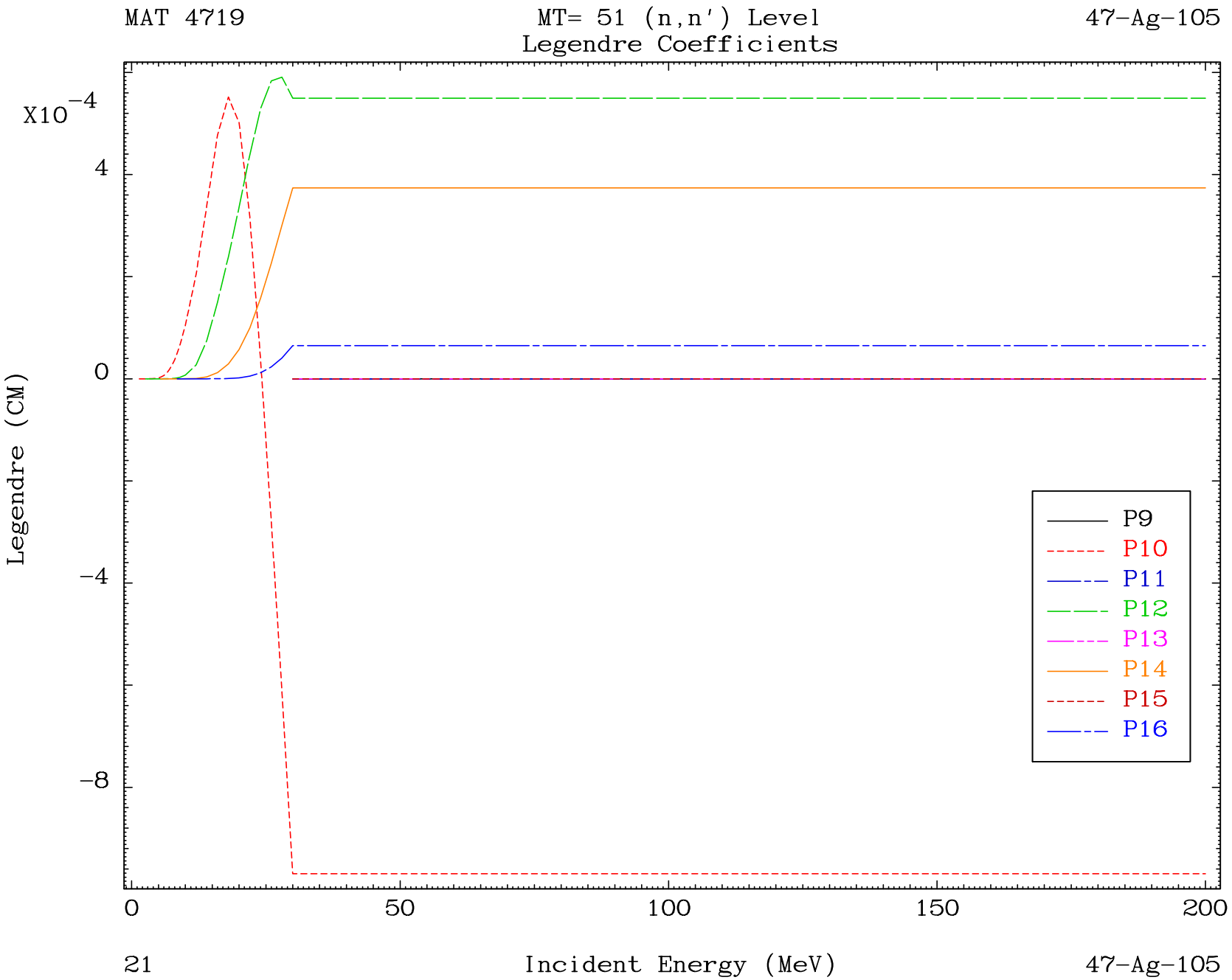

MAT 4719
Elastic
Legendre Coefficients
47-Ag-105
P1
P2
P3
P4
P5
P6
P7
P8
P9
Legendre (CM)
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
16
Incident Energy (MeV)
47-Ag-105

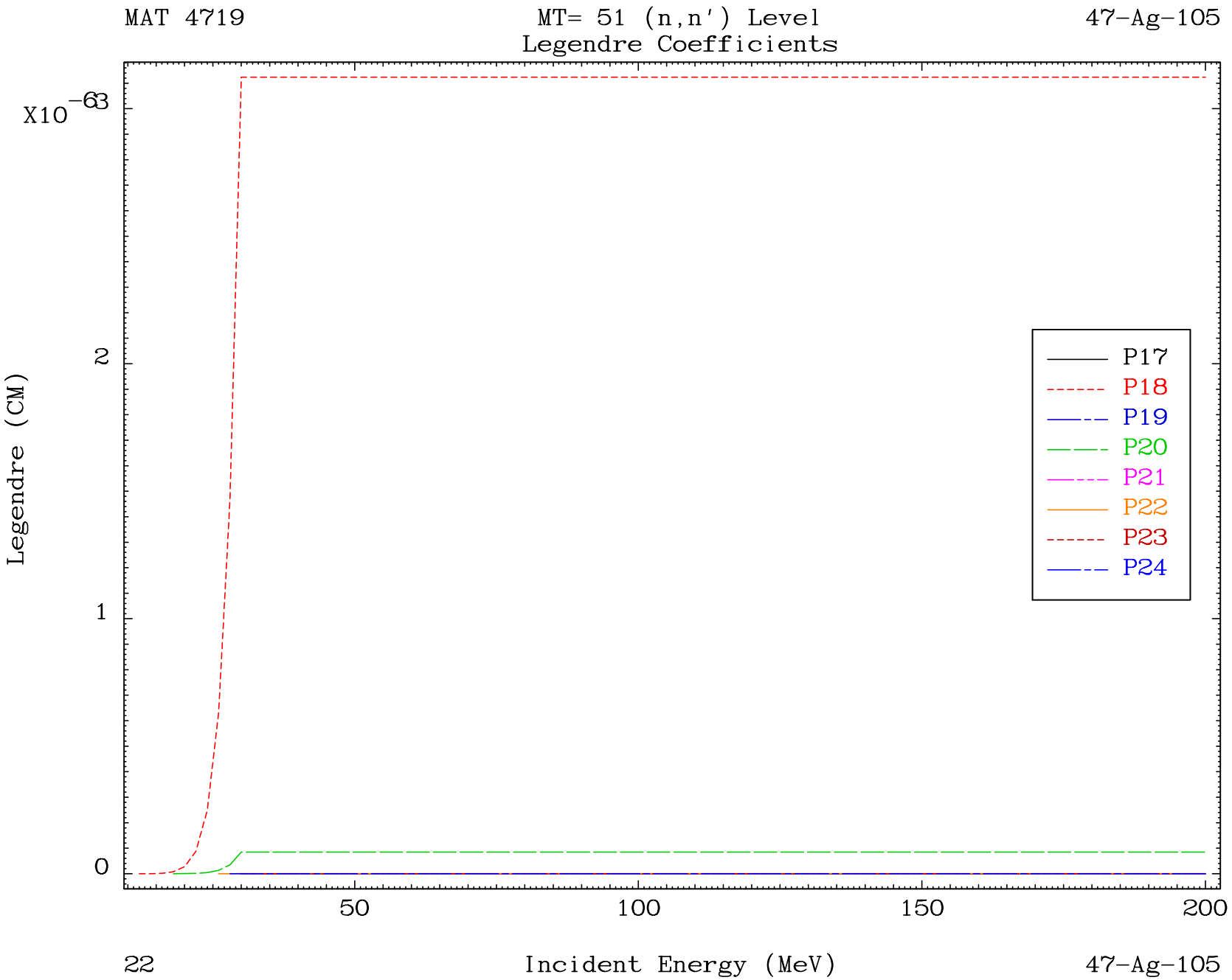

MAT 4719
Elastic
Legendre Coefficients
47-Ag-105
P10
P11
P12
P13
P14
P15
P16
P17
P18
Legendre (CM)
0.25
0.20
0.15
0.10
0.05
0.00
5
10
15
20
25
30
17
Incident Energy (MeV)
47-Ag-105

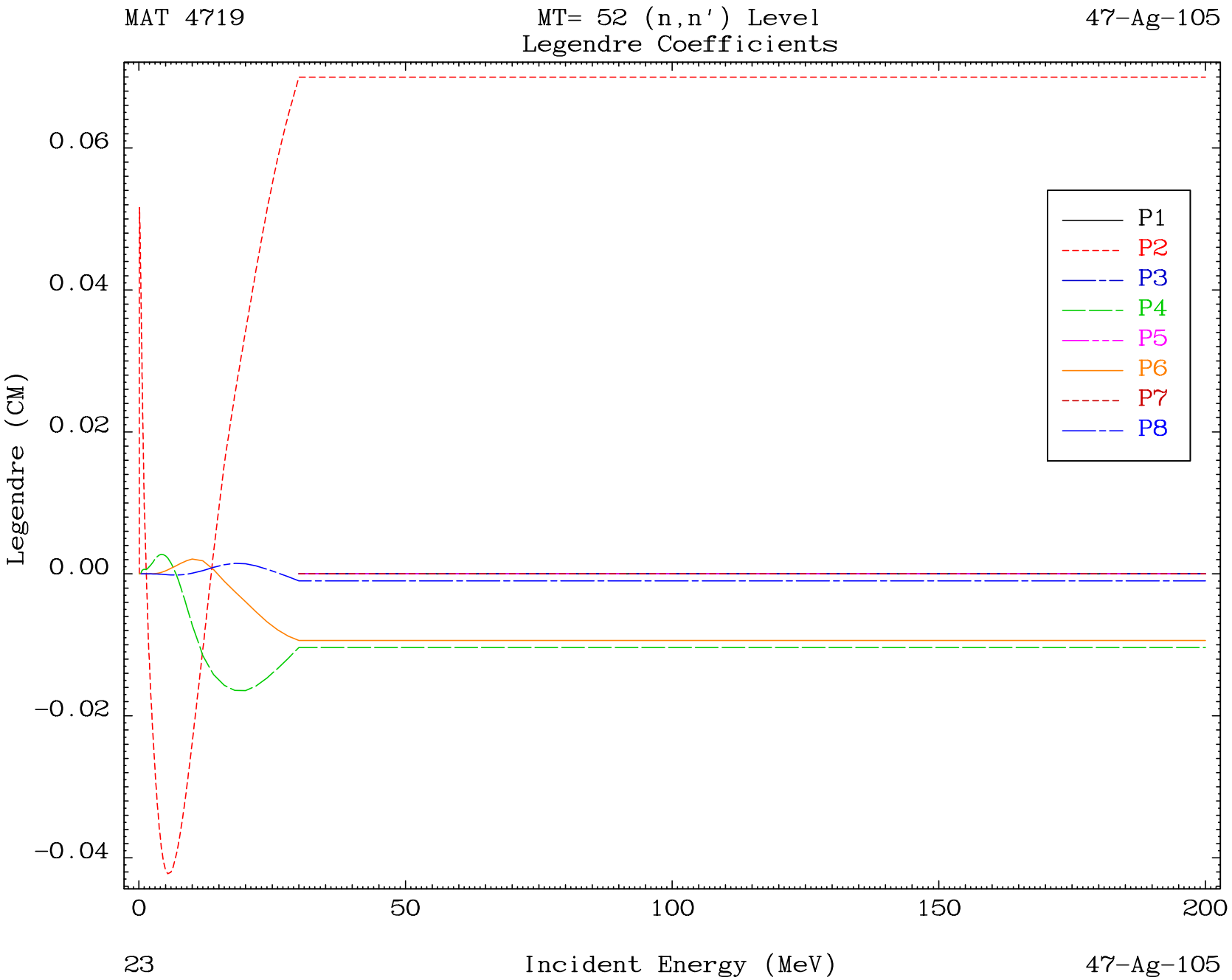

MAT 4719
Elastic
Legendre Coefficients
47-Ag-105
P19
P20
P21
P22
P23
P24
P25
P26
P27
0.004
0.003
0.002
0.001
0.000
Legendre (CM)
10
15
20
25
30
18
Incident Energy (MeV)
47-Ag-105

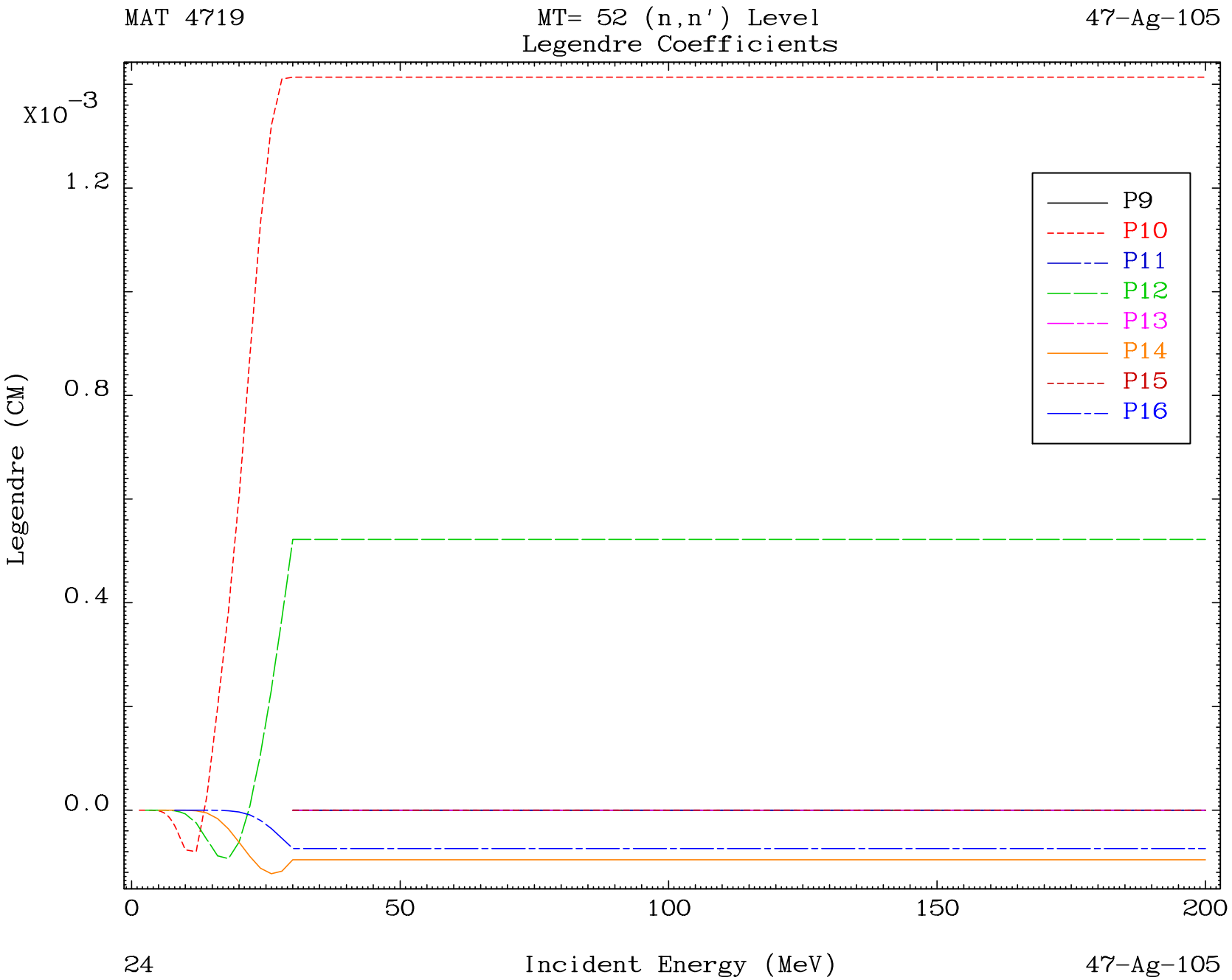

MAT 4719
Elastic
Legendre Coefficients
47-Ag-105
X10-7
1.0
0.5
0.0
-0.5
-1.0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
15
20
25
30
19
Incident Energy (MeV)
47-Ag-105

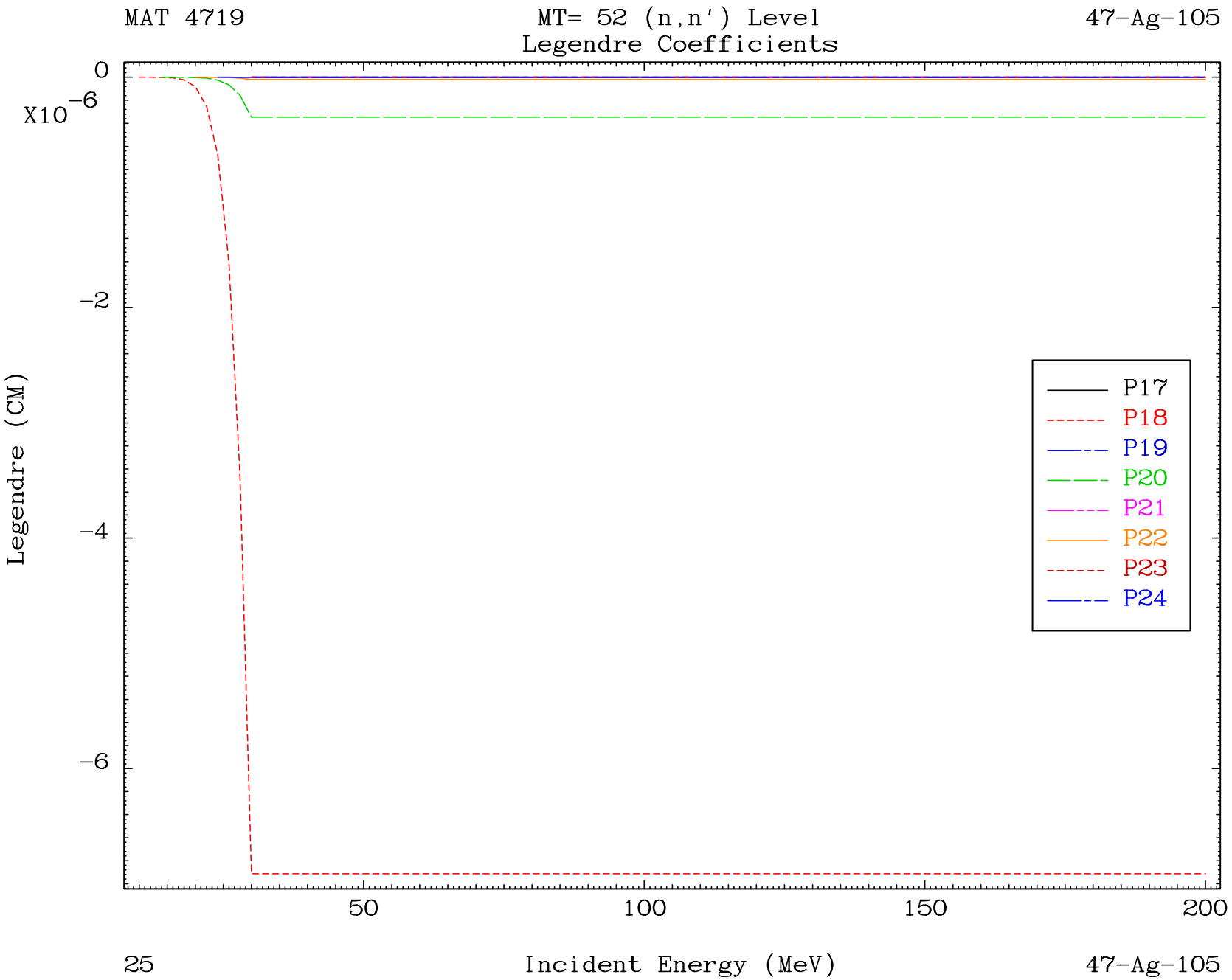

MAT 4719
MT= 51 (n,n') Level
Legendre Coefficients
47-Ag-105
0.10
0.08
0.06
0.04
0.02
0.00
-0.02
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
0
50
100
150
200
20
Incident Energy (MeV)
47-Ag-105

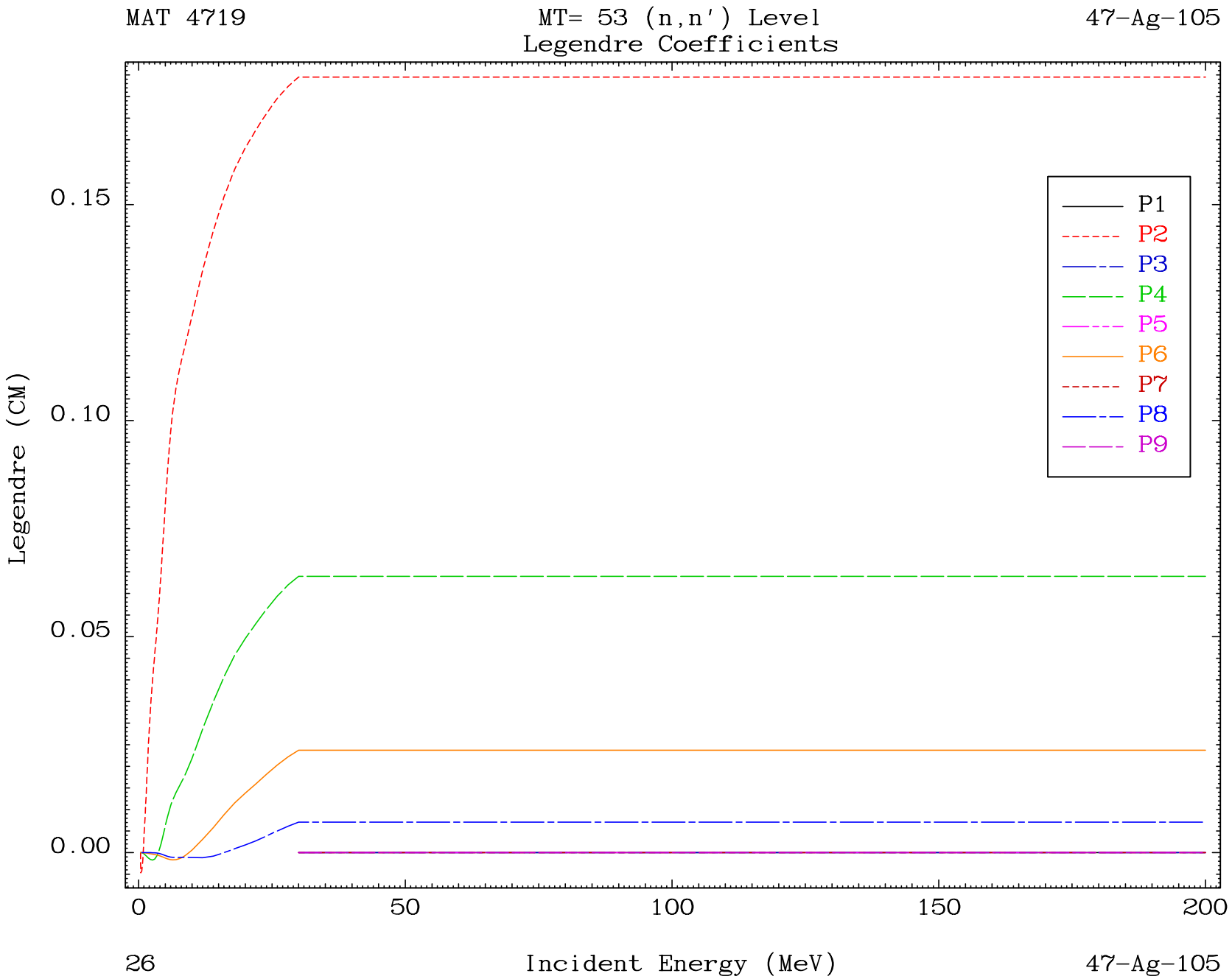

MAT 4719
MT= 51 (n,n') Level
Legendre Coefficients
47-Ag-105
X10^-4
4
0
-4
-8
Legendre (CM)
0
50
100
150
200
Incident Energy (MeV)
21
47-Ag-105
P9
P10
P11
P12
P13
P14
P15
P16

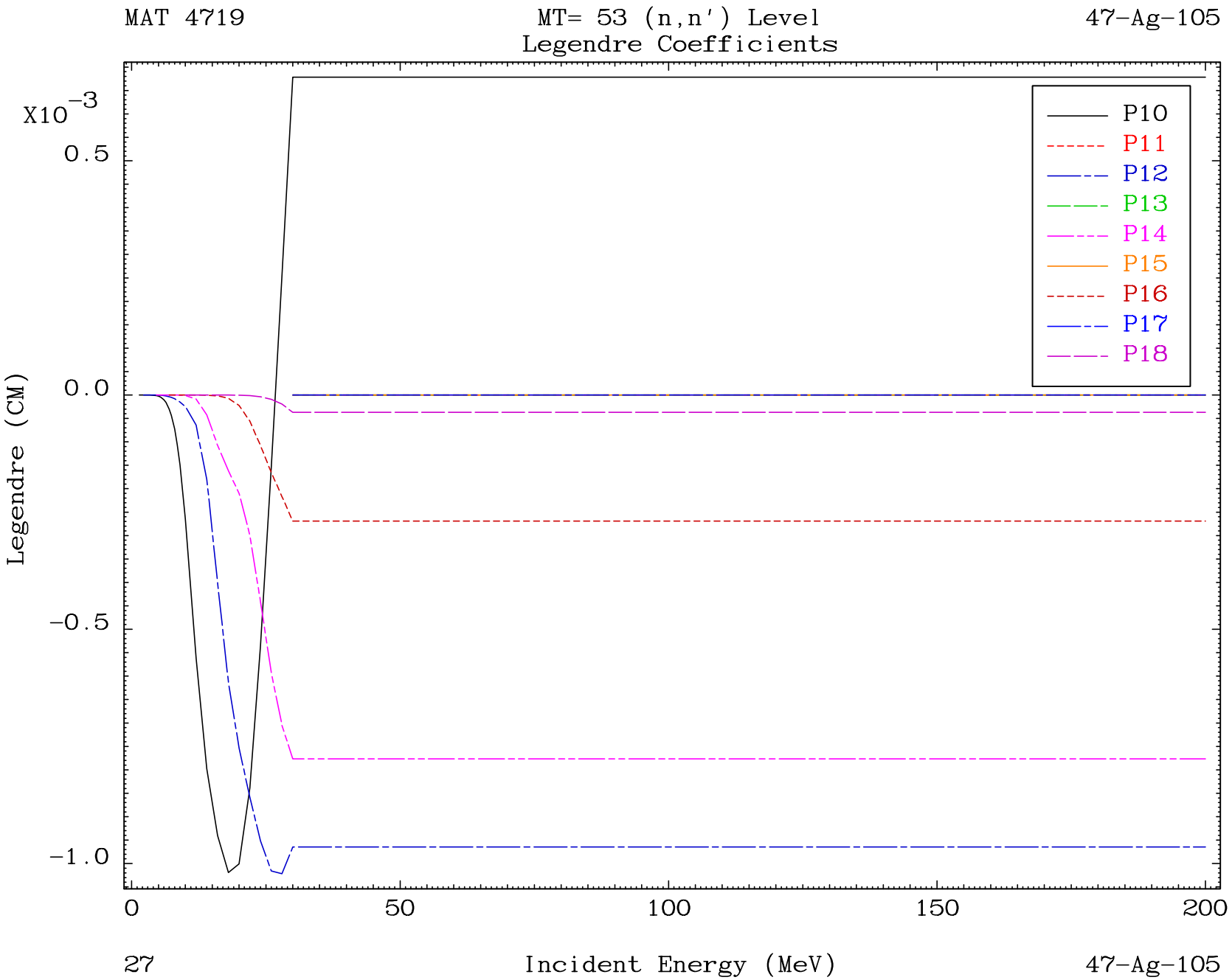

MAT 4719
MT= 51 (n,n') Level
Legendre Coefficients
47-Ag-105
X10 -63
2
1
0
Legendre (CM)
50
100
150
200
22
Incident Energy (MeV)
47-Ag-105
P17
P18
P19
P20
P21
P22
P23
P24

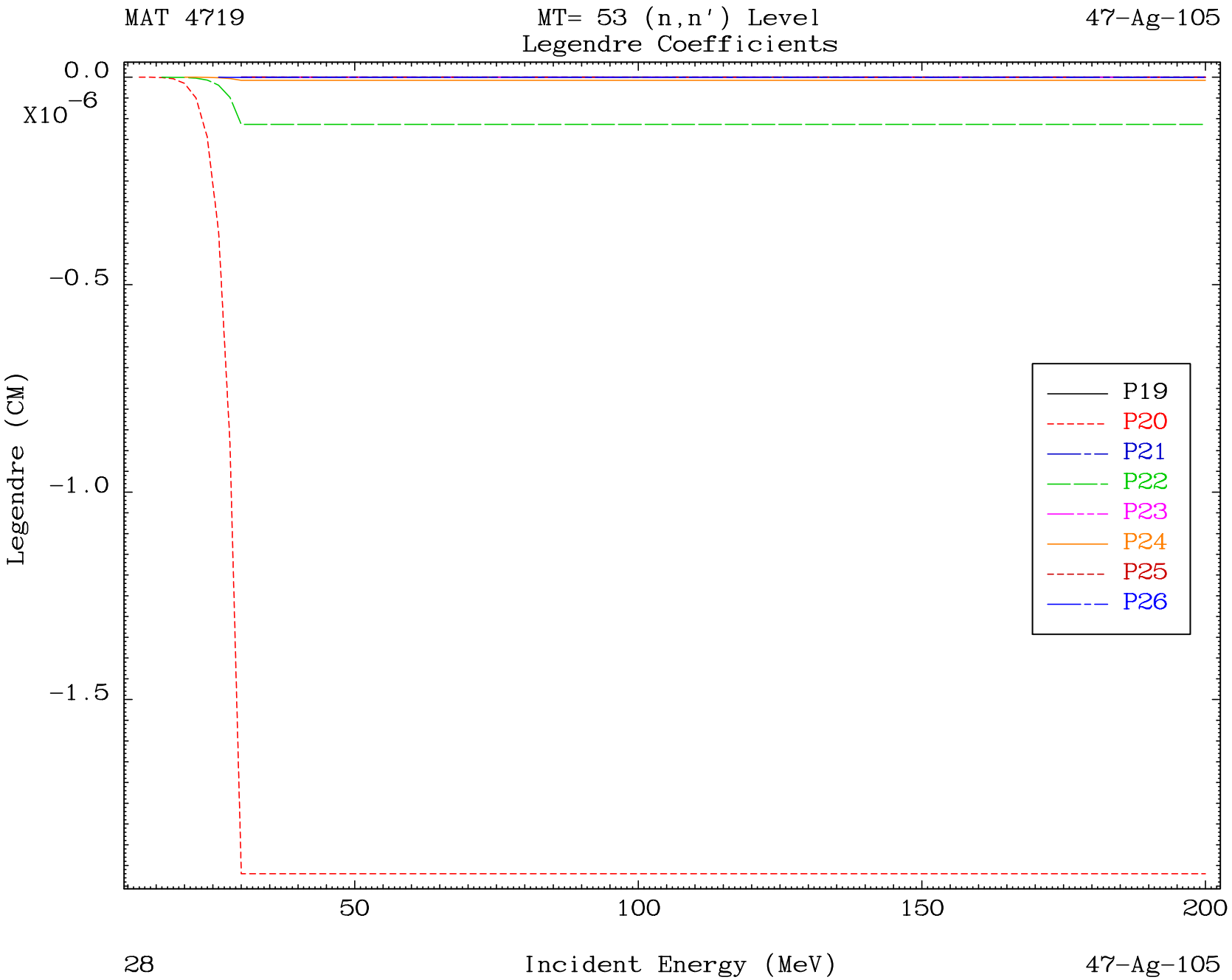

MAT 4719
MT= 52 (n,n') Level
Legendre Coefficients
47-Ag-105
0.06
0.04
0.02
0.00
-0.02
-0.04
Legendre (CM)
0
50
100
150
200
Incident Energy (MeV)
23
47-Ag-105
P1
P2
P3
P4
P5
P6
P7
P8

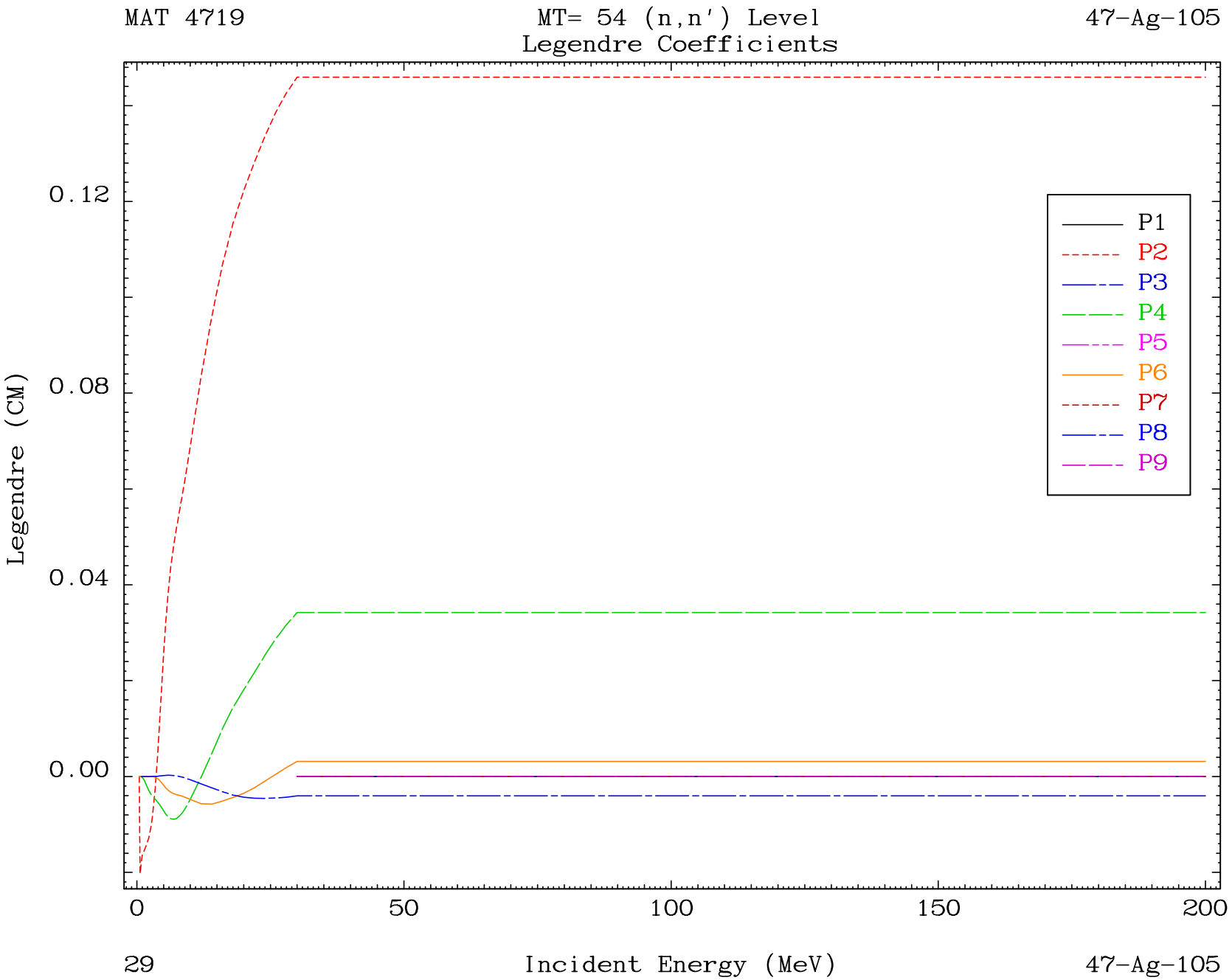

MAT 4719
MT= 52 (n,n') Level
Legendre Coefficients
47-Ag-105
X10^-3
1.2
0.8
0.4
0.0
Legendre (CM)
P9
P10
P11
P12
P13
P14
P15
P16
0
50
100
150
200
24
Incident Energy (MeV)
47-Ag-105

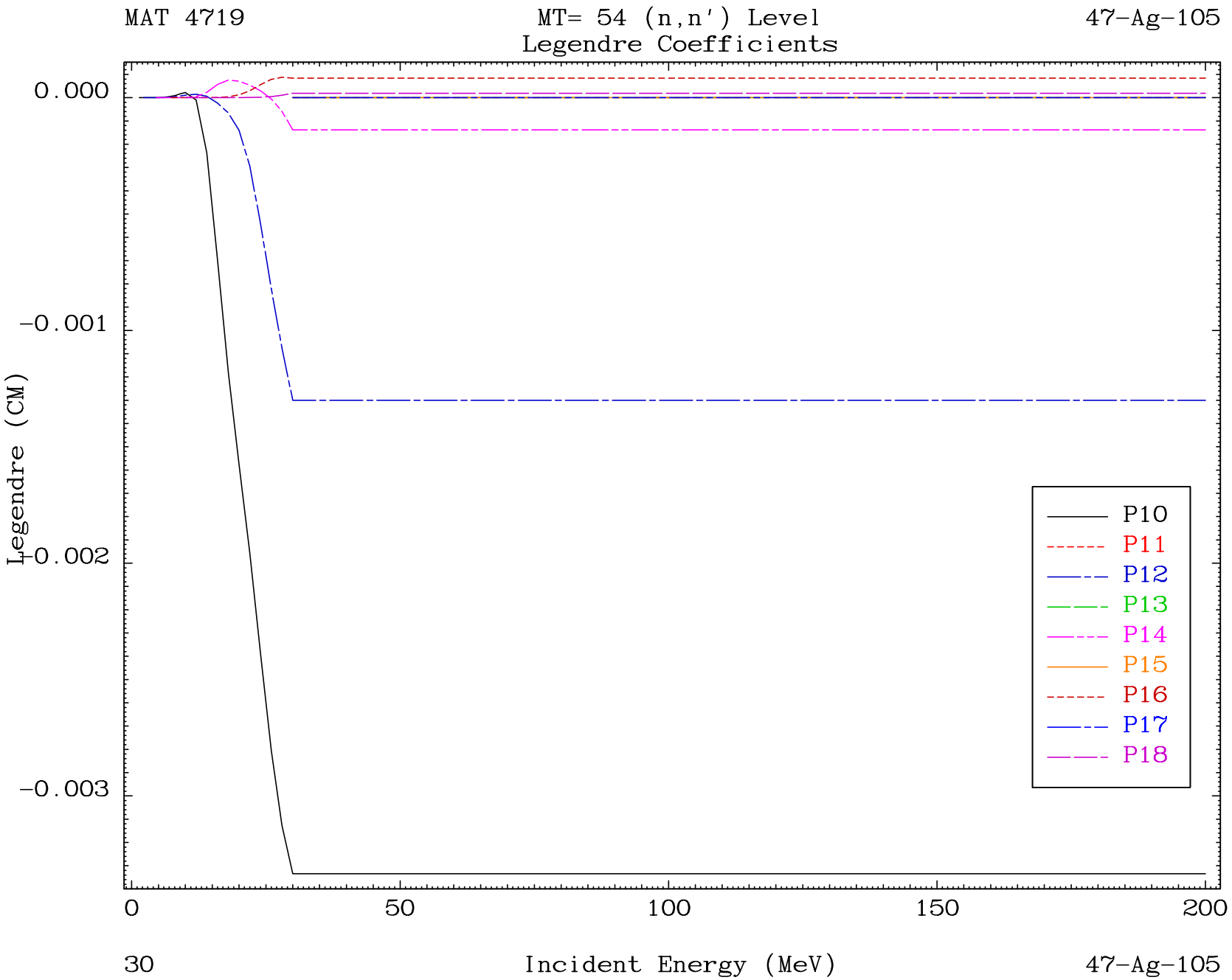

MAT 4719
MT= 52 (n,n') Level
Legendre Coefficients
47-Ag-105
0
X10−6
−2
−4
−6
Legendre (CM)
P17
P18
P19
P20
P21
P22
P23
P24
50
100
150
200
25
Incident Energy (MeV)
47-Ag-105

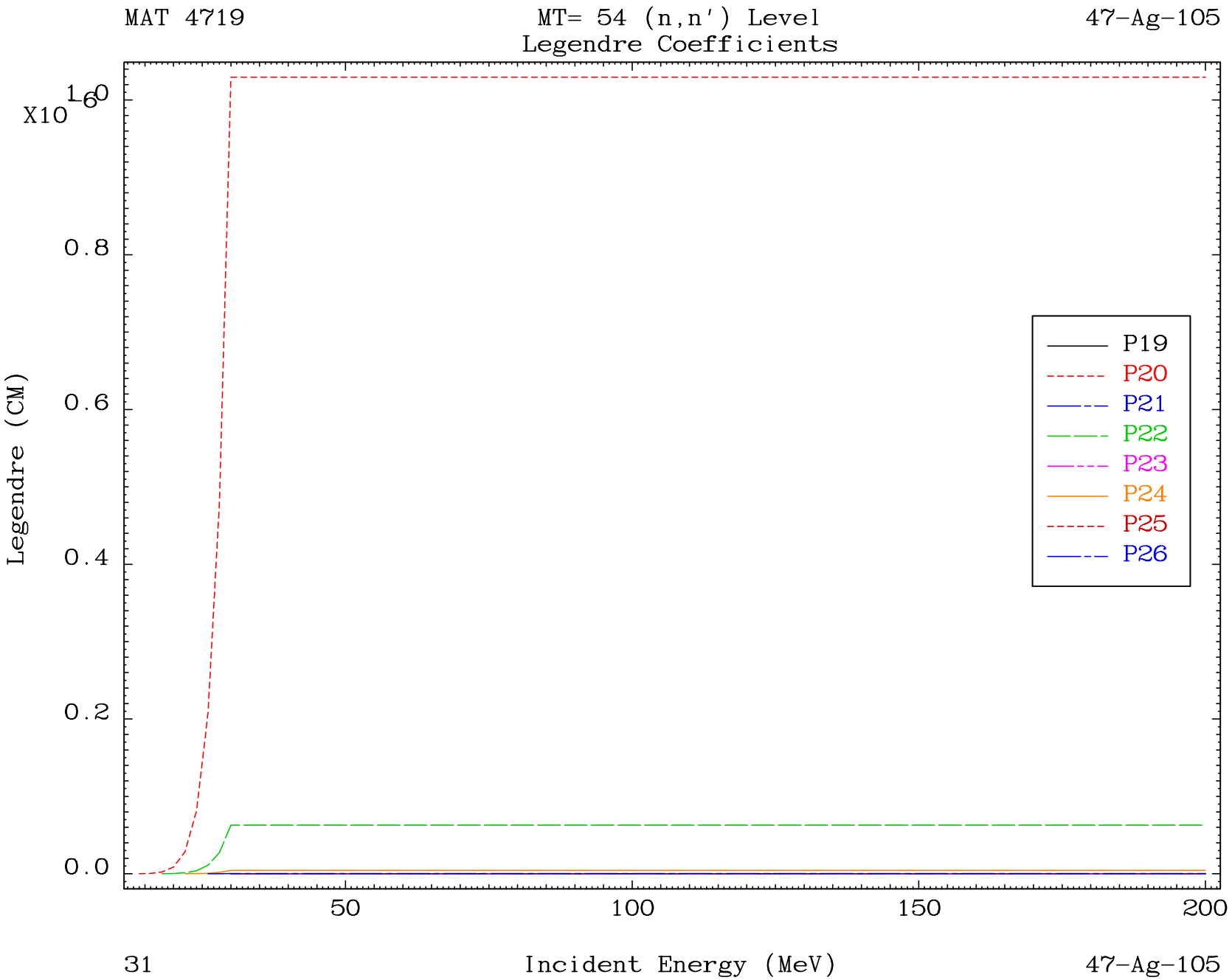

MAT 4719
MT= 53 (n,n') Level
Legendre Coefficients
47-Ag-105
Legendre (CM)
0.15
0.10
0.05
0.00
0
50
100
150
200
P1
P2
P3
P4
P5
P6
P7
P8
P9
26
Incident Energy (MeV)
47-Ag-105

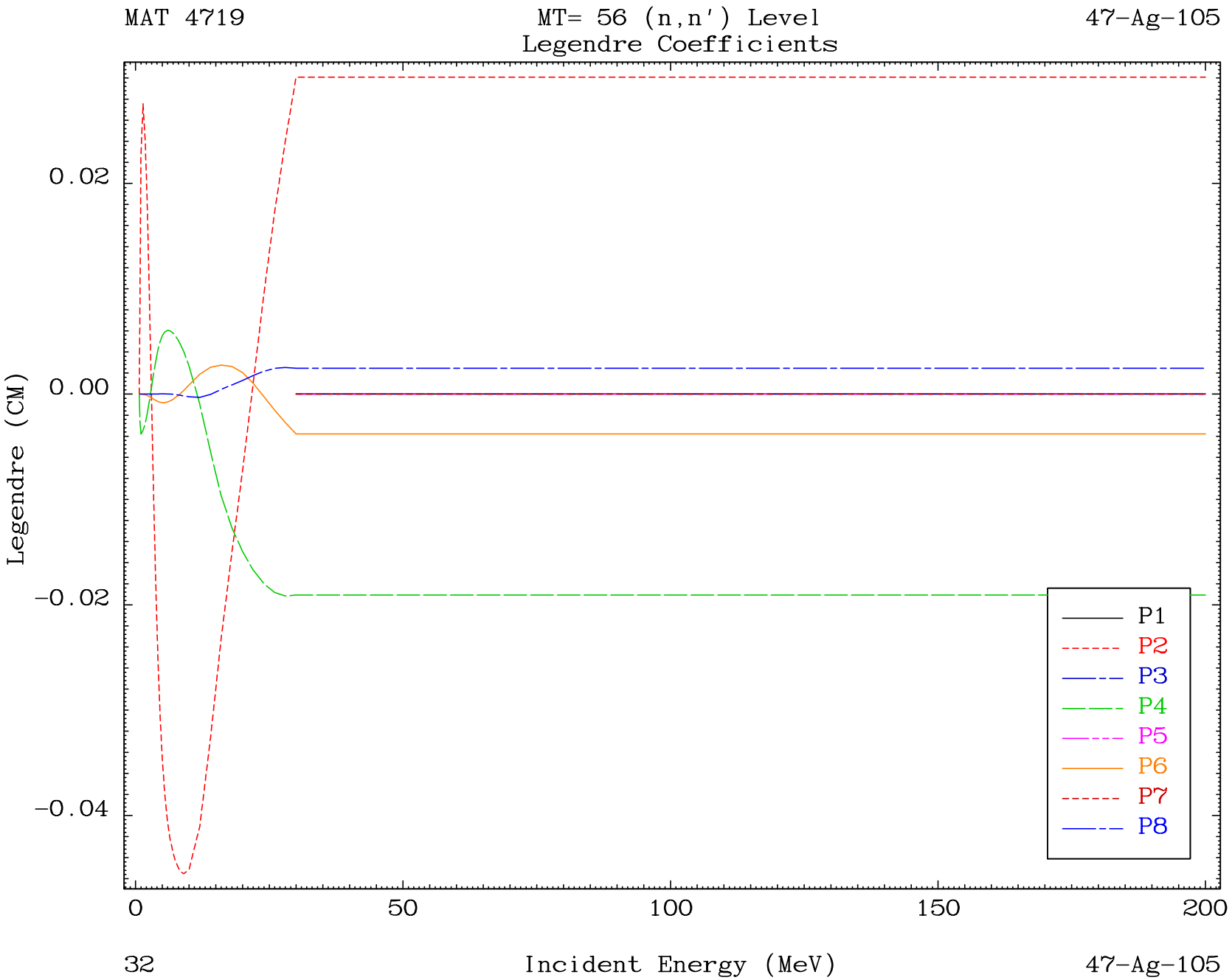

MAT 4719
MT= 53 (n,n') Level
Legendre Coefficients
47-Ag-105
X10^-3
0.5
0.0
-0.5
-1.0
Legendre (CM)
P10
P11
P12
P13
P14
P15
P16
P17
P18
0
50
100
150
200
27
Incident Energy (MeV)
47-Ag-105

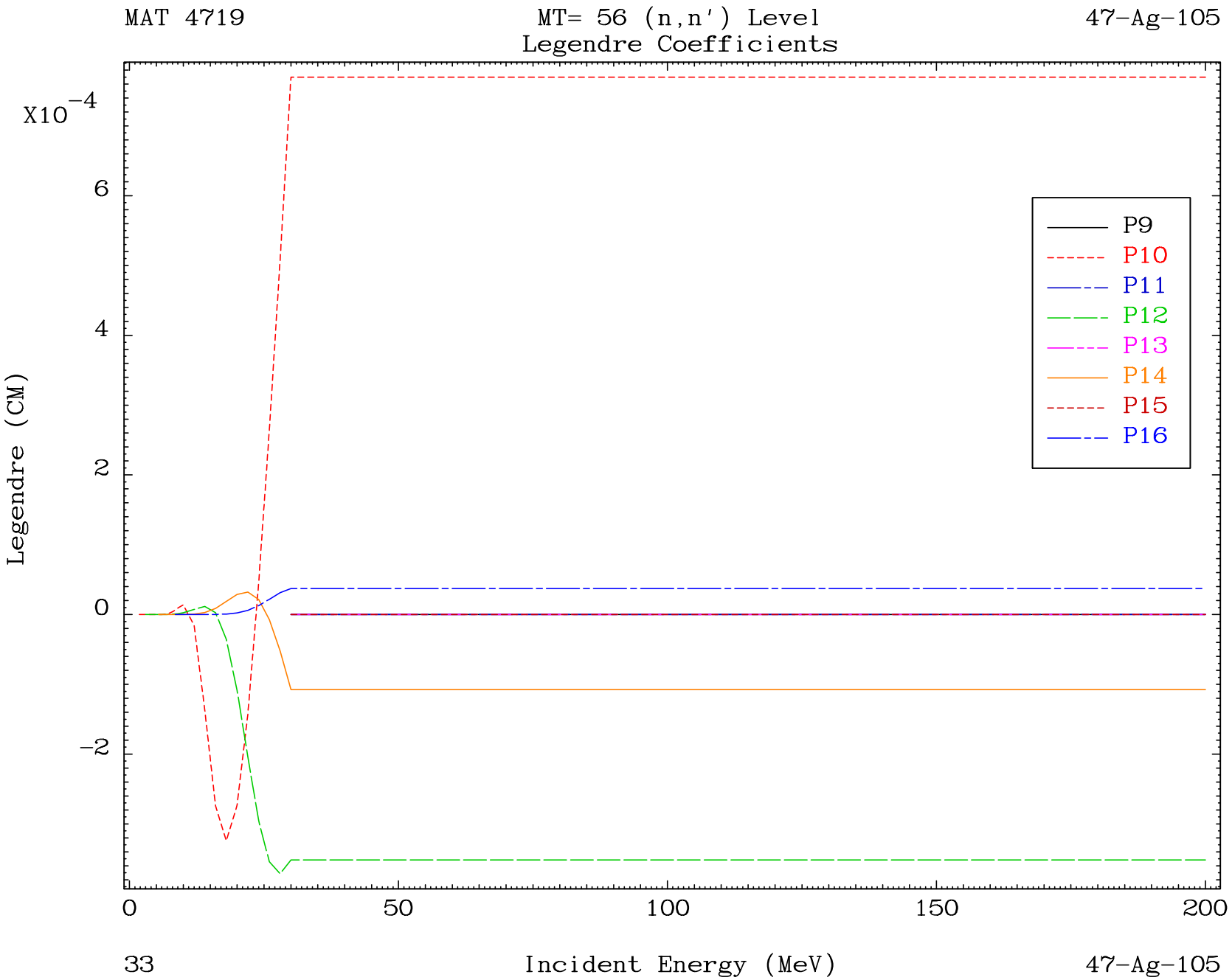

MAT 4719
MT= 53 (n,n') Level
Legendre Coefficients
47-Ag-105
0.0
X10−6
−0.5
−1.0
−1.5
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
50
100
150
200
28
Incident Energy (MeV)
47-Ag-105

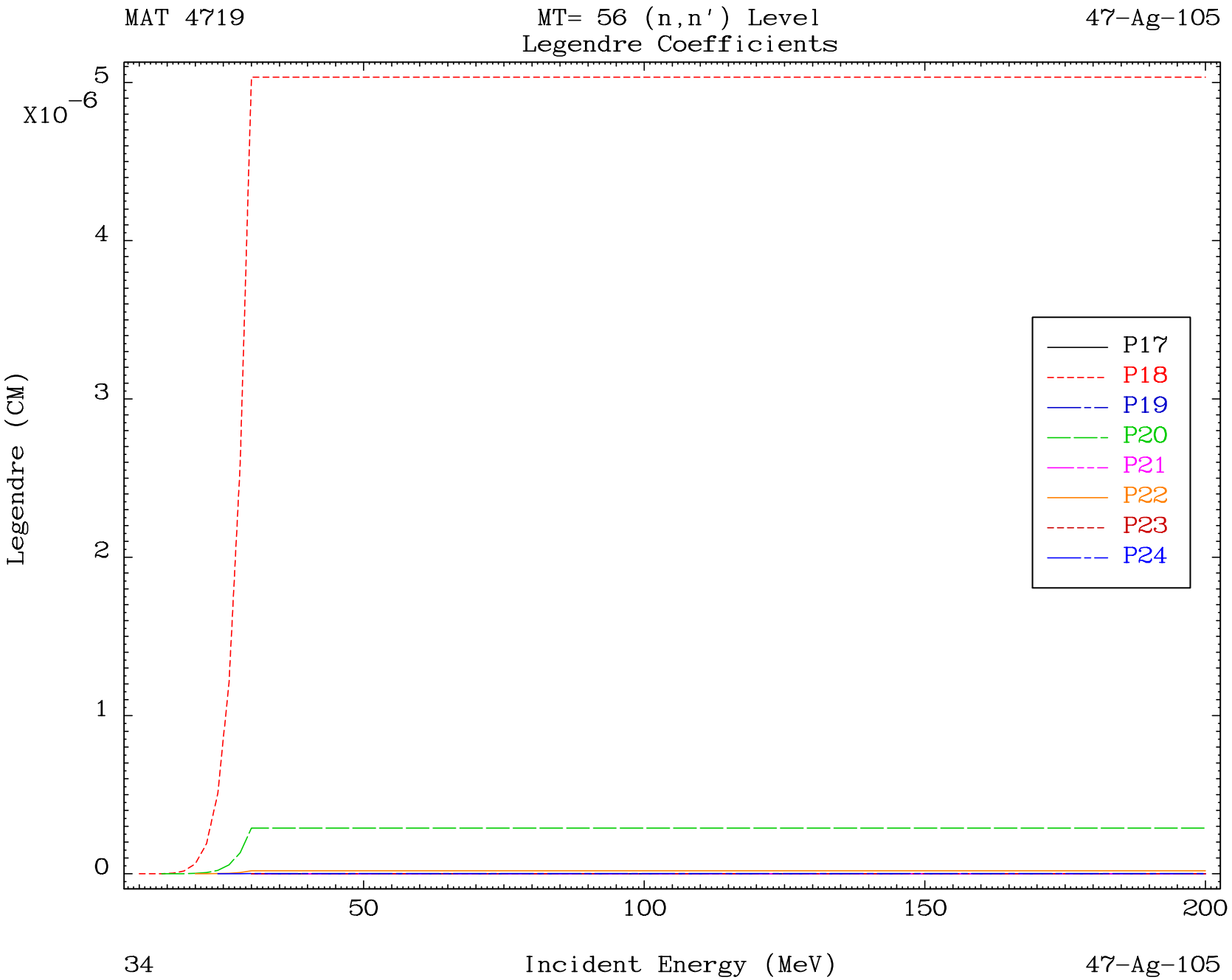

MAT 4719
MT= 54 (n,n') Level
Legendre Coefficients
47-Ag-105
Legendre (CM)
0.12
0.08
0.04
0.00
0
50
100
150
200
Incident Energy (MeV)
29
47-Ag-105
P1
P2
P3
P4
P5
P6
P7
P8
P9

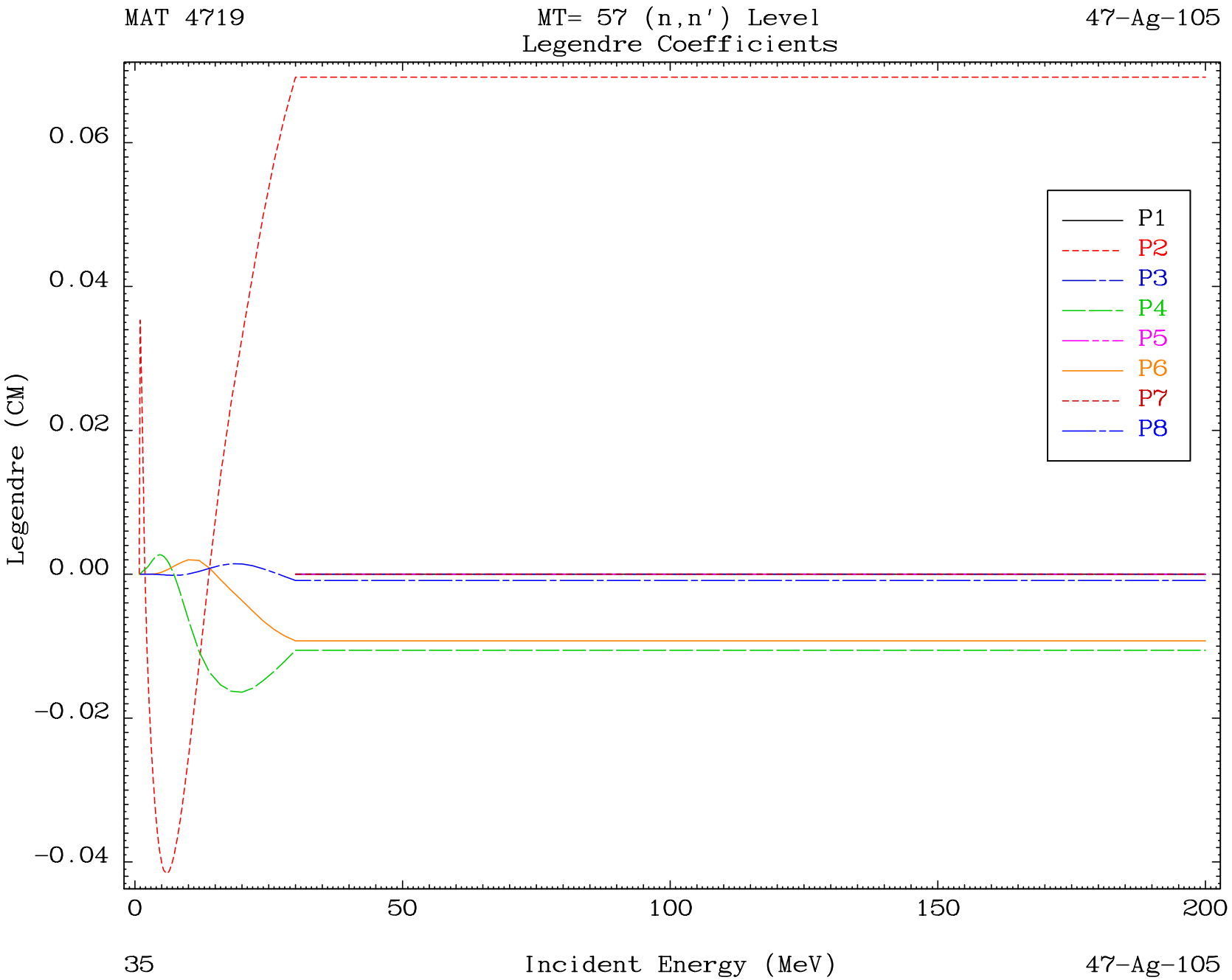

MAT 4719
MT= 54 (n,n') Level
Legendre Coefficients
47-Ag-105
0.000
-0.001
-0.002
-0.003
Legendre (CM)
0
50
100
150
200
30
Incident Energy (MeV)
47-Ag-105
P10
P11
P12
P13
P14
P15
P16
P17
P18

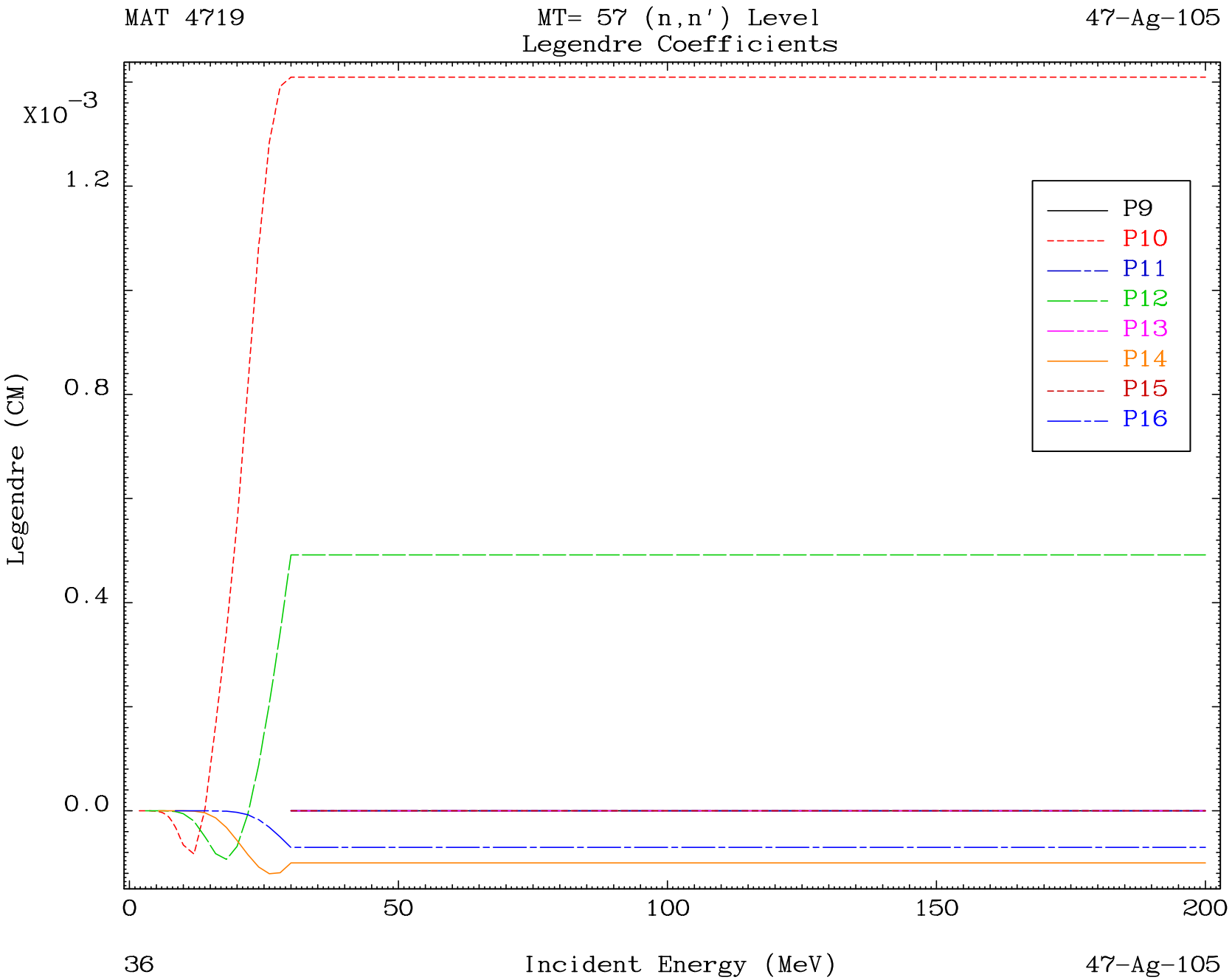

MAT 4719
MT= 54 (n,n') Level
Legendre Coefficients
47-Ag-105
X10^0
1.0
0.8
0.6
0.4
0.2
0.0
Legendre (CM)
50
100
150
200
Incident Energy (MeV)
31
47-Ag-105
P19
P20
P21
P22
P23
P24
P25
P26

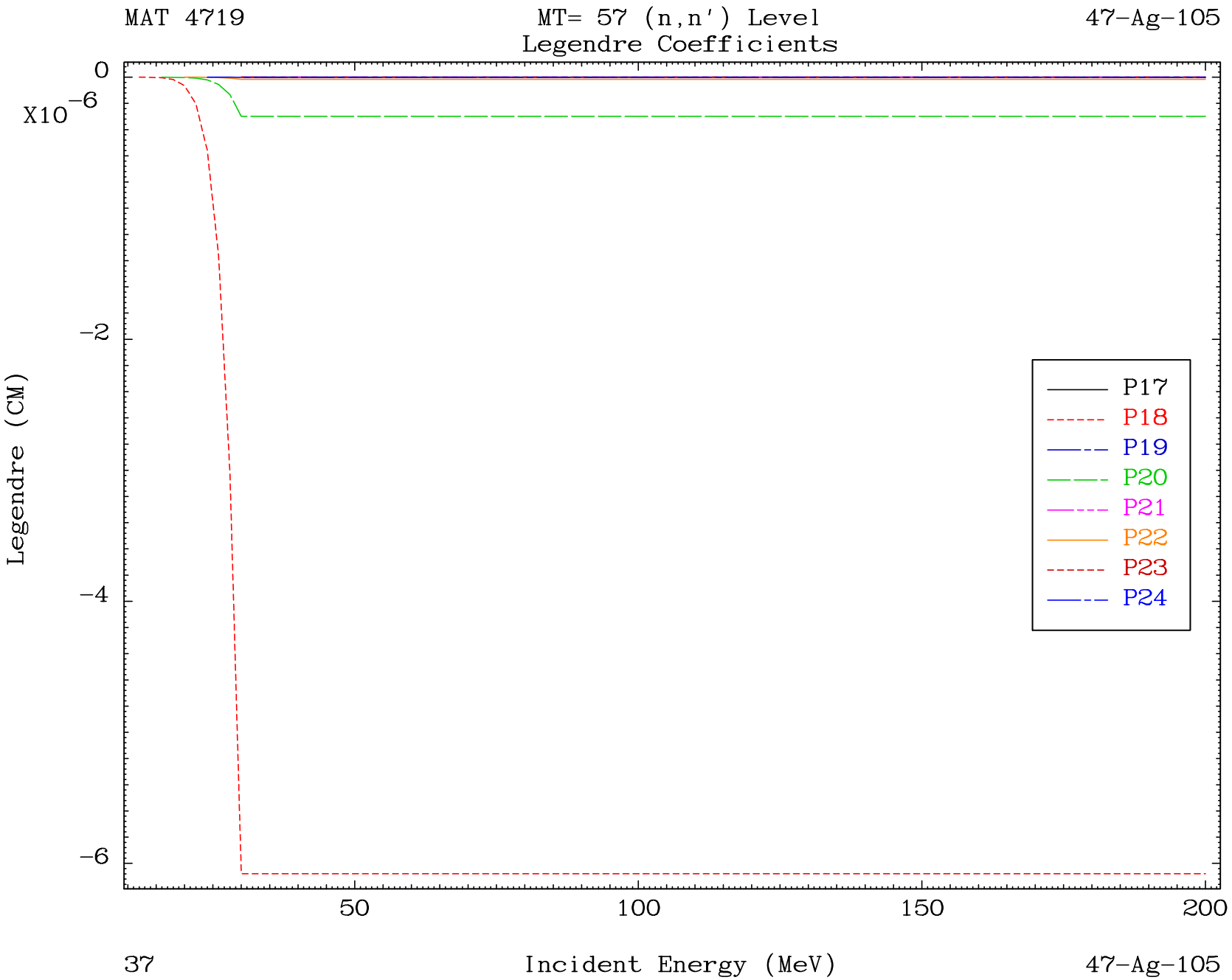

MAT 4719
MT= 56 (n,n') Level
Legendre Coefficients
47-Ag-105
0.02
0.00
-0.02
-0.04
Legendre (CM)
0
50
100
150
200
32
Incident Energy (MeV)
47-Ag-105
P1
P2
P3
P4
P5
P6
P7
P8

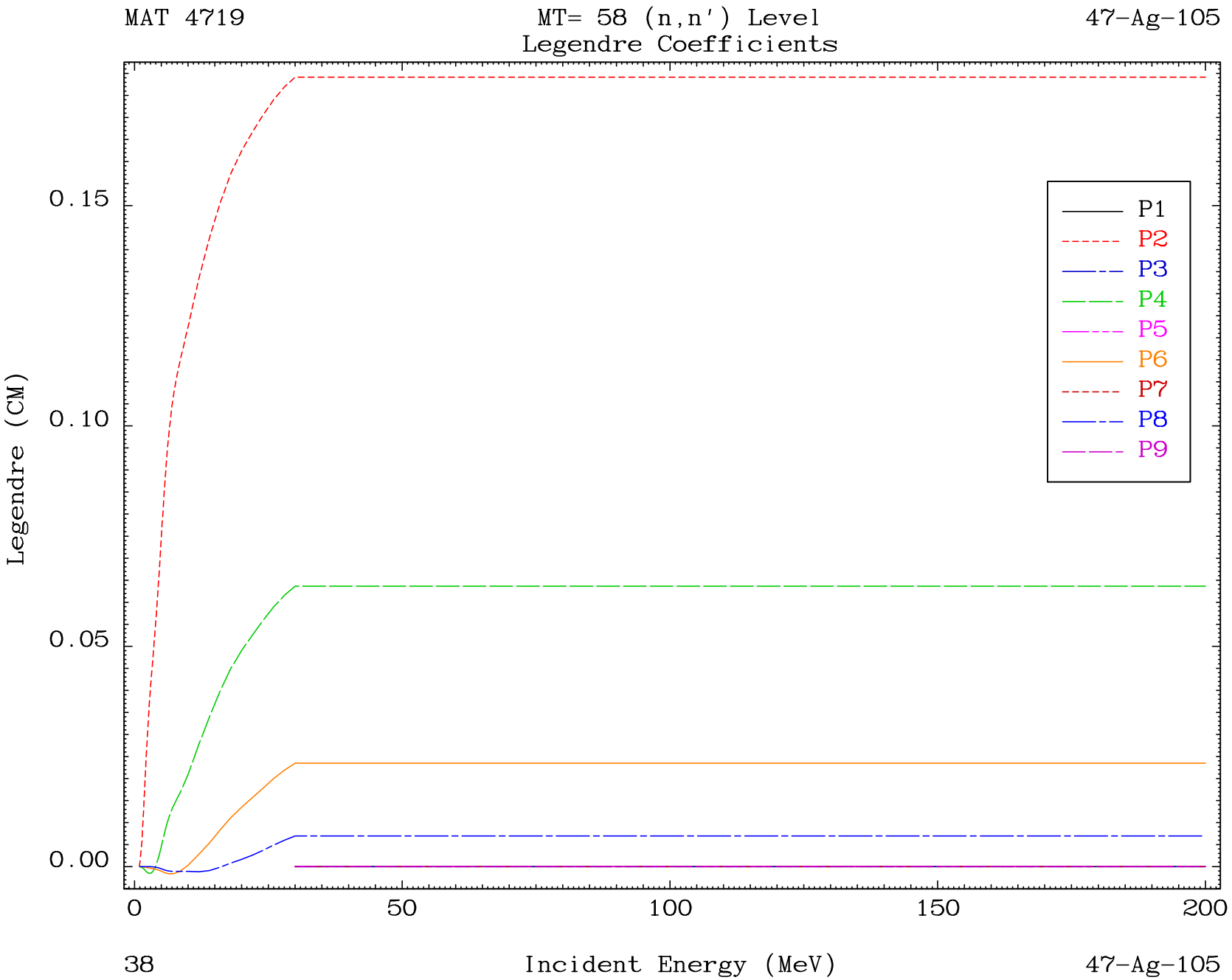

MAT 4719
MT= 56 (n,n') Level
Legendre Coefficients
47-Ag-105
X10^-4
6
4
2
0
-2
Legendre (CM)
P9
P10
P11
P12
P13
P14
P15
P16
0
50
100
150
200
33
Incident Energy (MeV)
47-Ag-105

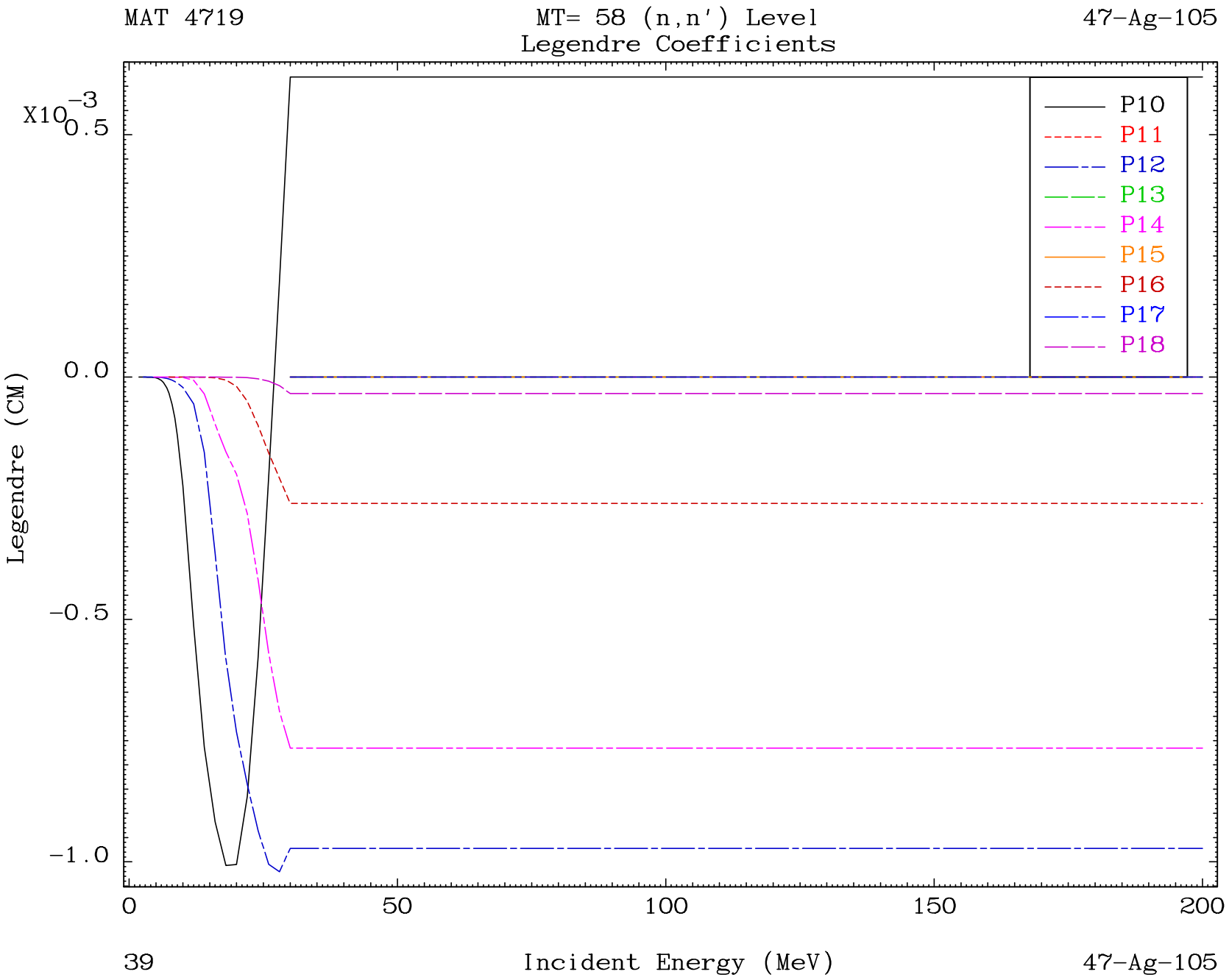

MAT 4719
MT= 56 (n,n') Level
Legendre Coefficients
47-Ag-105
X10^-6
5
4
3
2
1
0
Legendre (CM)
50
100
150
200
Incident Energy (MeV)
34
47-Ag-105
P17
P18
P19
P20
P21
P22
P23
P24

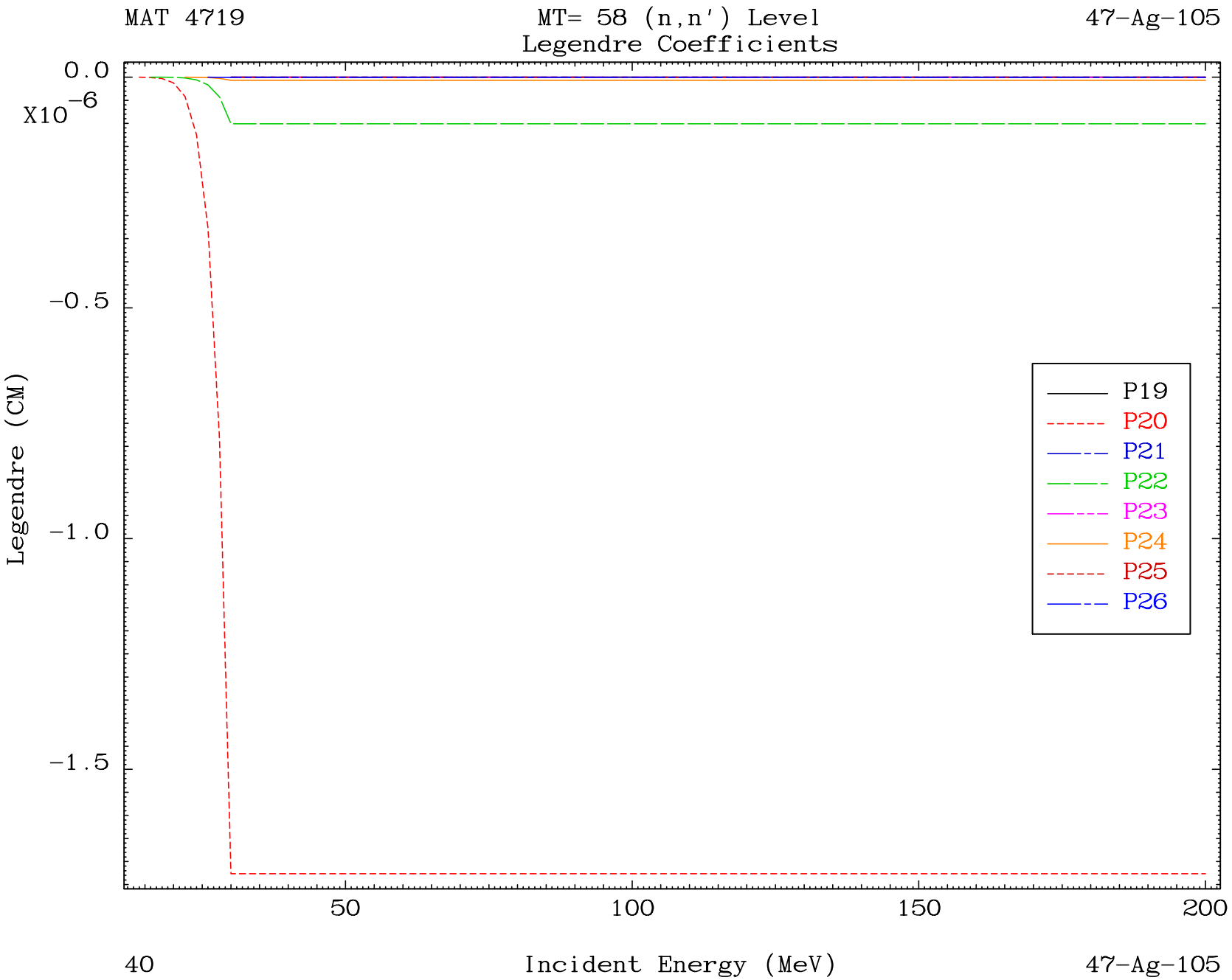

MAT 4719
MT= 57 (n,n') Level
Legendre Coefficients
47-Ag-105
0.06
0.04
0.02
0.00
-0.02
-0.04
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
0
50
100
150
200
35
Incident Energy (MeV)
47-Ag-105

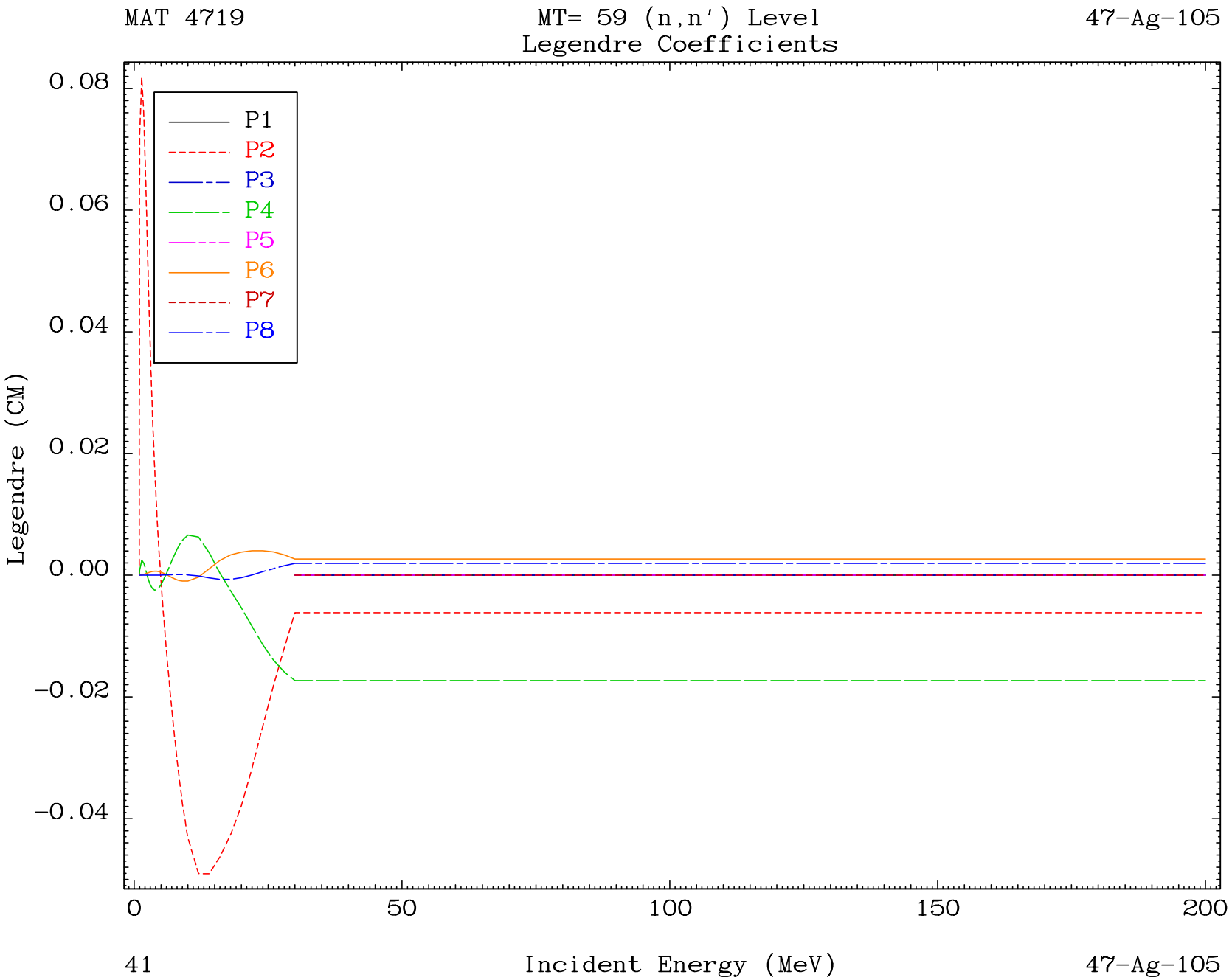

MAT 4719
MT= 57 (n,n') Level
Legendre Coefficients
47-Ag-105
X10^-3
1.2
0.8
0.4
0.0
Legendre (CM)
P9
P10
P11
P12
P13
P14
P15
P16
0
50
100
150
200
36
Incident Energy (MeV)
47-Ag-105

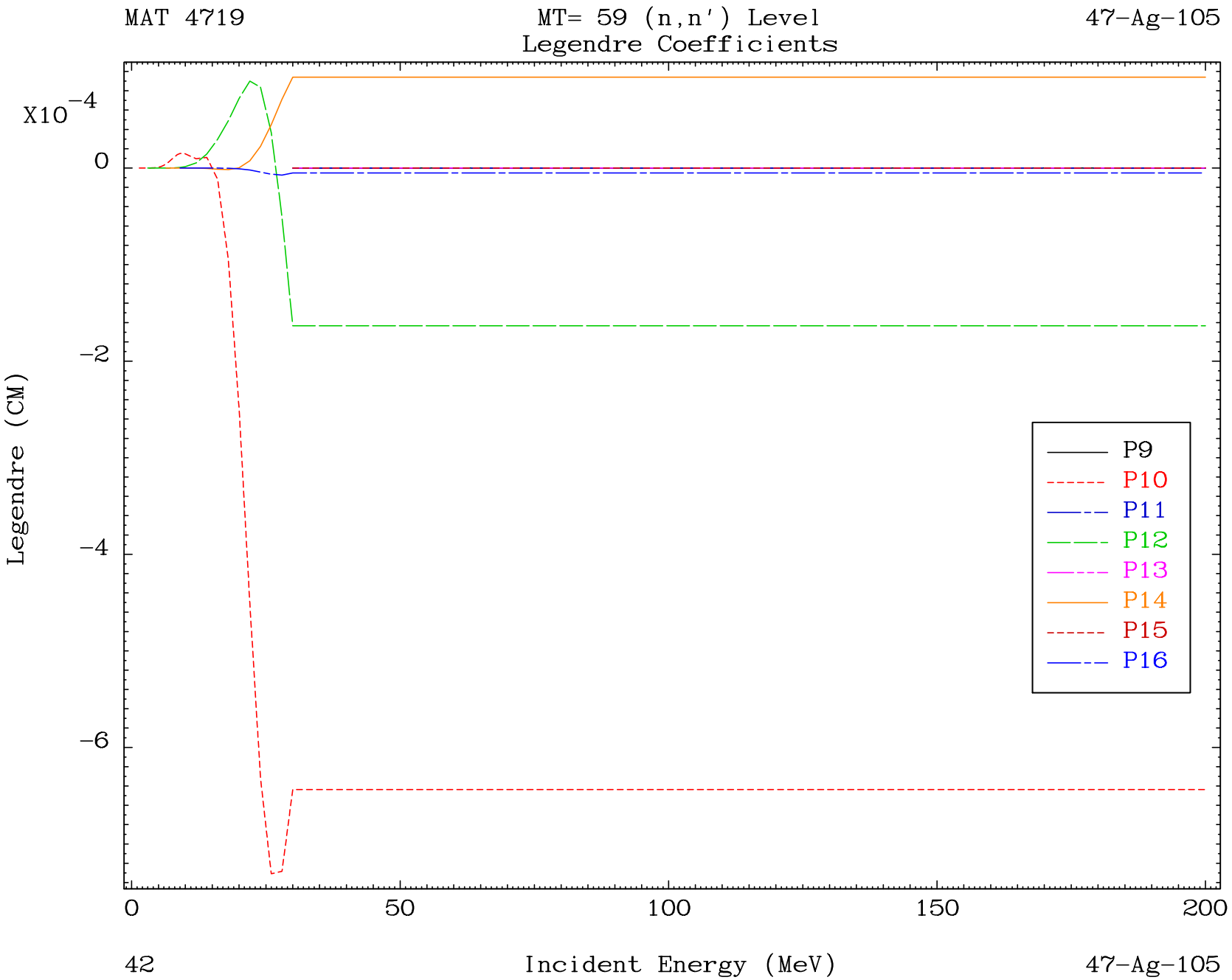

MAT 4719
MT= 57 (n,n') Level
Legendre Coefficients
47-Ag-105
0
X10−6
−2
−4
−6
Legendre (CM)
P17
P18
P19
P20
P21
P22
P23
P24
50
100
150
200
37
Incident Energy (MeV)
47-Ag-105

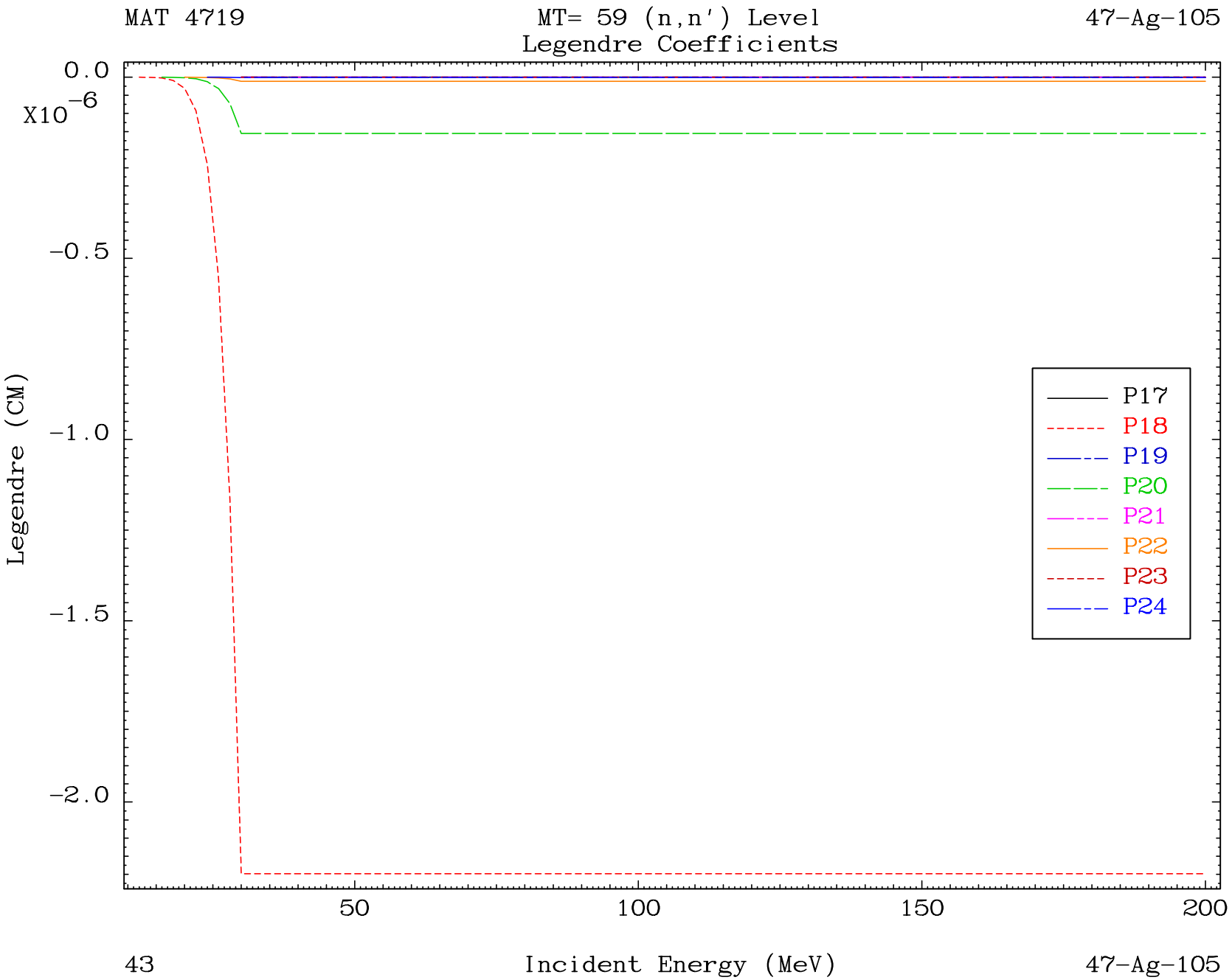

MAT 4719
MT= 58 (n,n') Level
Legendre Coefficients
47-Ag-105
Legendre (CM)
0.15
0.10
0.05
0.00
0
50
100
150
200
Incident Energy (MeV)
38
47-Ag-105
P1
P2
P3
P4
P5
P6
P7
P8
P9


MAT 4719
MT= 58 (n,n') Level
Legendre Coefficients
47-Ag-105
X10-3
0.5
0.0
-0.5
-1.0
Legendre (CM)
P10
P11
P12
P13
P14
P15
P16
P17
P18
0
50
100
150
200
39
Incident Energy (MeV)
47-Ag-105

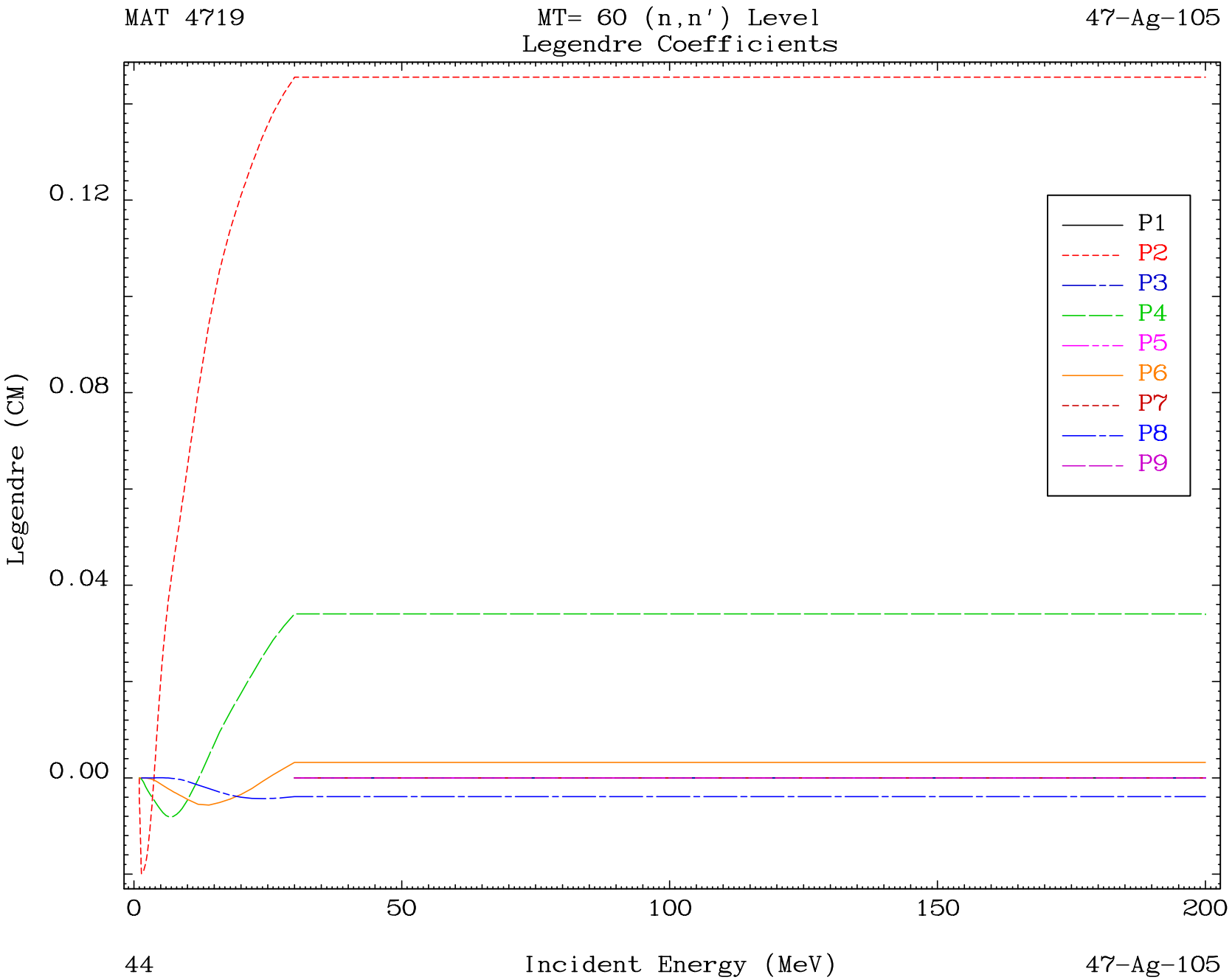

MAT 4719
MT= 58 (n,n') Level
Legendre Coefficients
47-Ag-105
0.0
X10^-6
-0.5
-1.0
-1.5
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
50
100
150
200
40
Incident Energy (MeV)
47-Ag-105

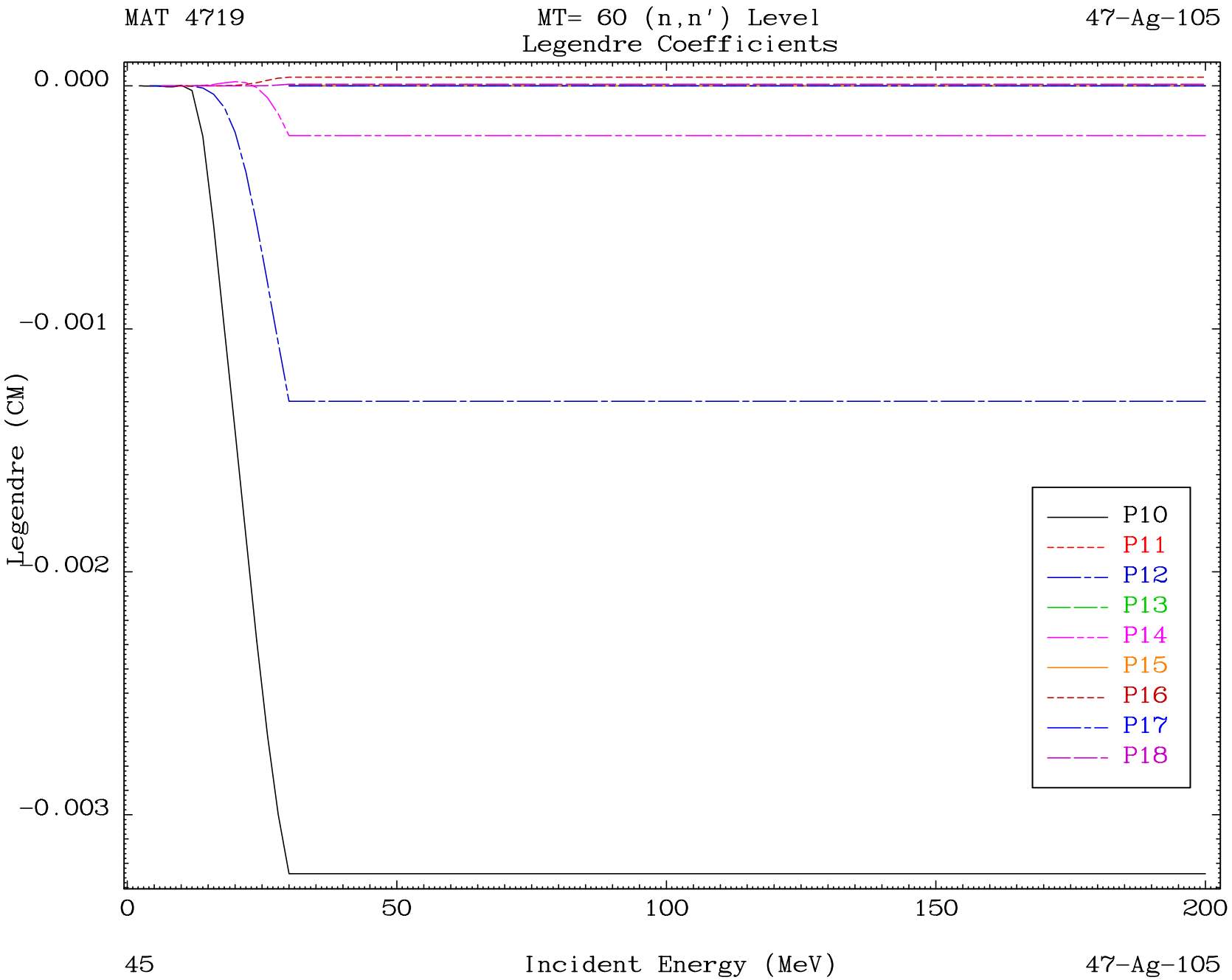

MAT 4719
MT= 59 (n,n') Level
Legendre Coefficients
47-Ag-105
P1
P2
P3
P4
P5
P6
P7
P8
0.08
0.06
0.04
0.02
0.00
-0.02
-0.04
Legendre (CM)
0
50
100
150
200
41
Incident Energy (MeV)
47-Ag-105

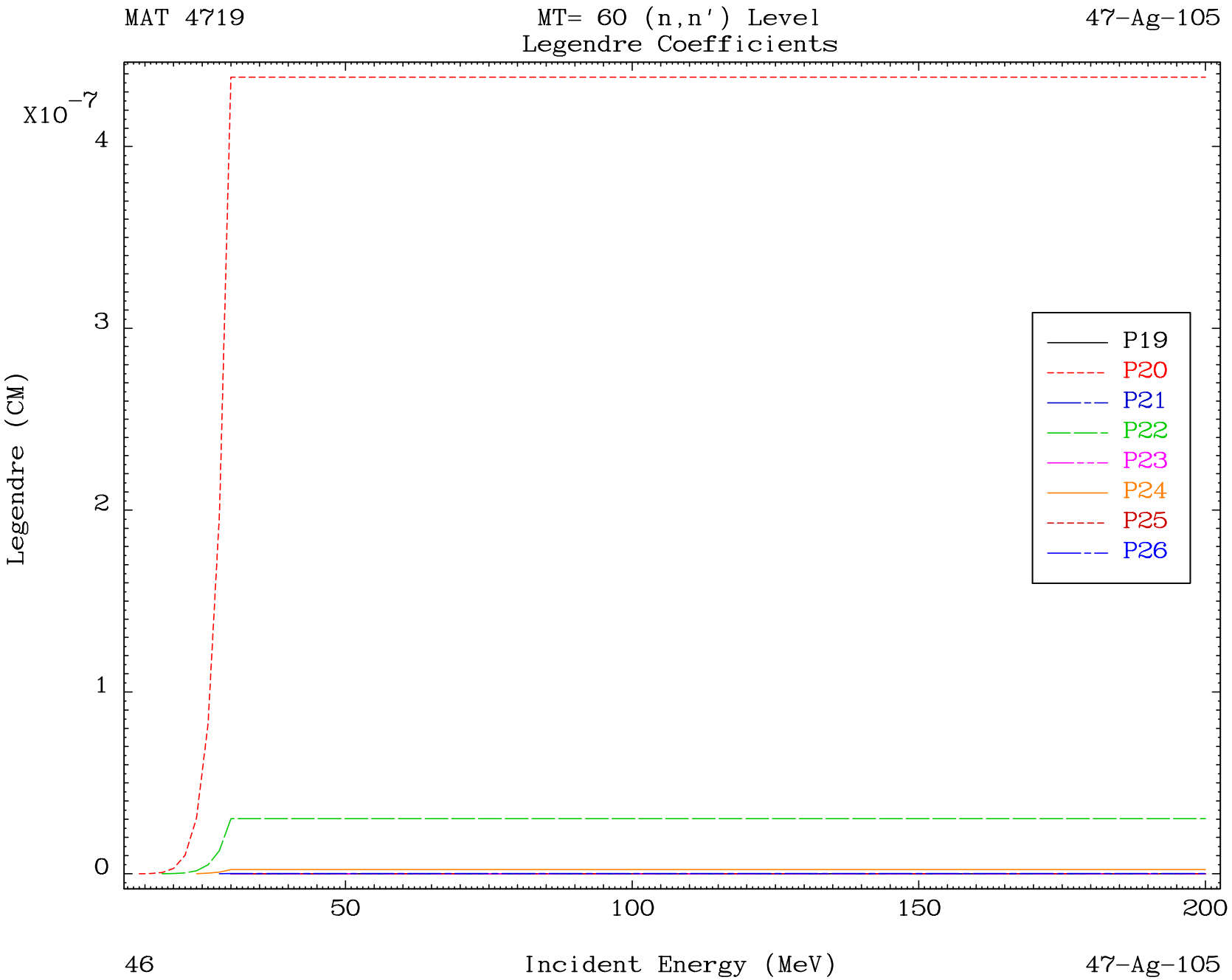

MAT 4719
MT= 59 (n,n') Level
Legendre Coefficients
47-Ag-105
X10^-4
0
-2
-4
-6
Legendre (CM)
P9
P10
P11
P12
P13
P14
P15
P16
0
50
100
150
200
42
Incident Energy (MeV)
47-Ag-105

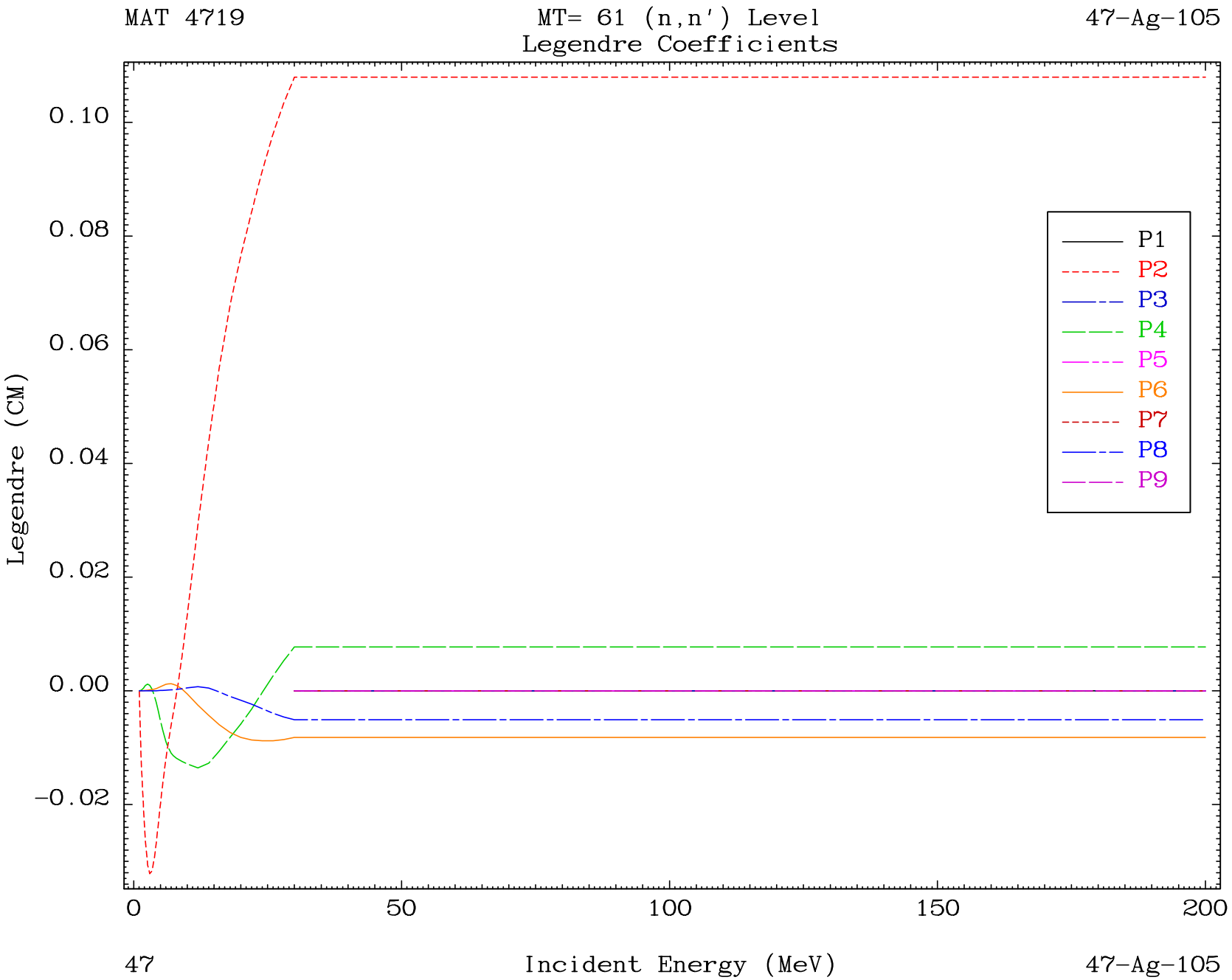

MAT 4719
MT= 59 (n,n') Level
Legendre Coefficients
47-Ag-105
0.0
X10^-6
-0.5
-1.0
-1.5
-2.0
Legendre (CM)
50
100
150
200
Incident Energy (MeV)
P17
P18
P19
P20
P21
P22
P23
P24

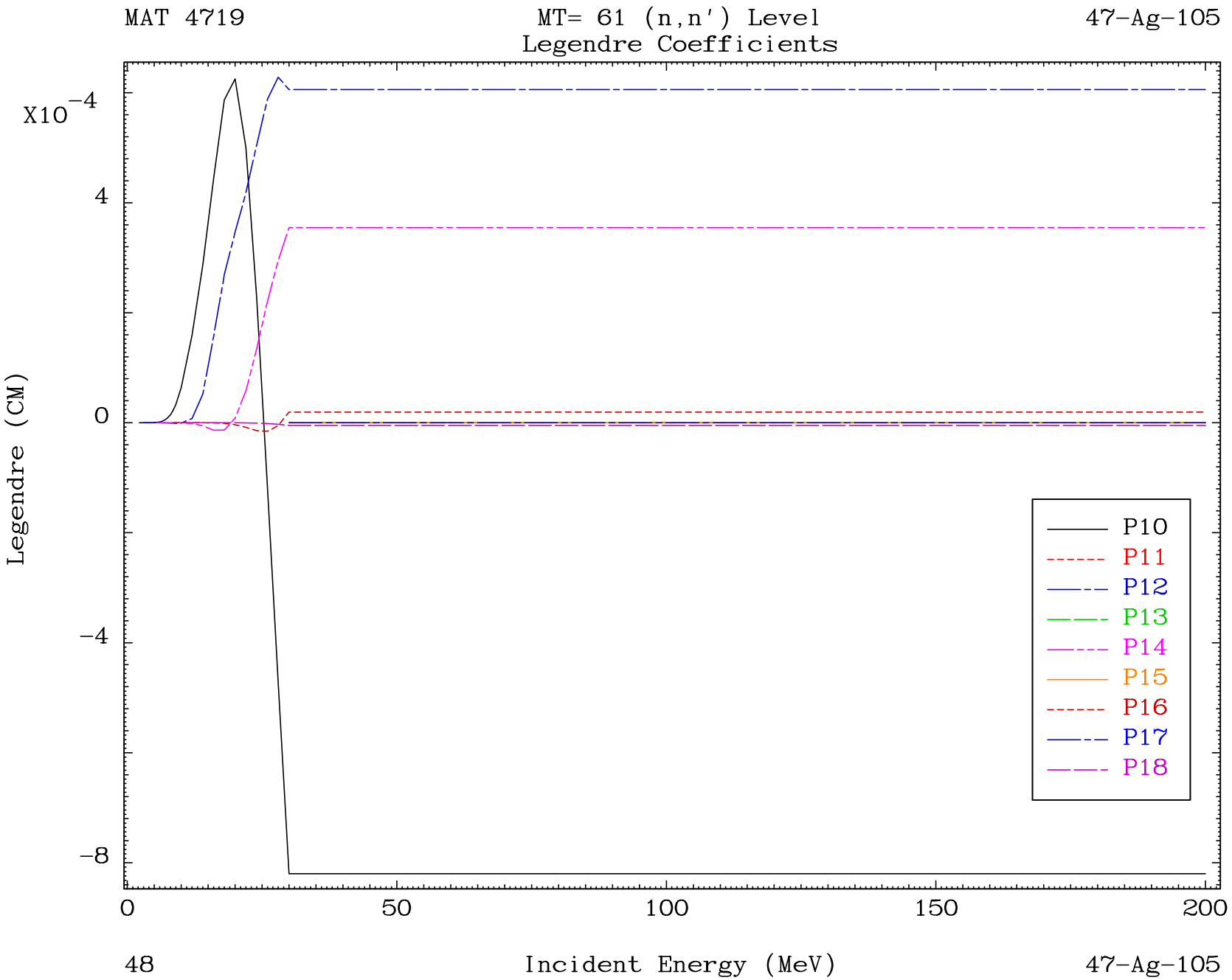
47-Ag-105

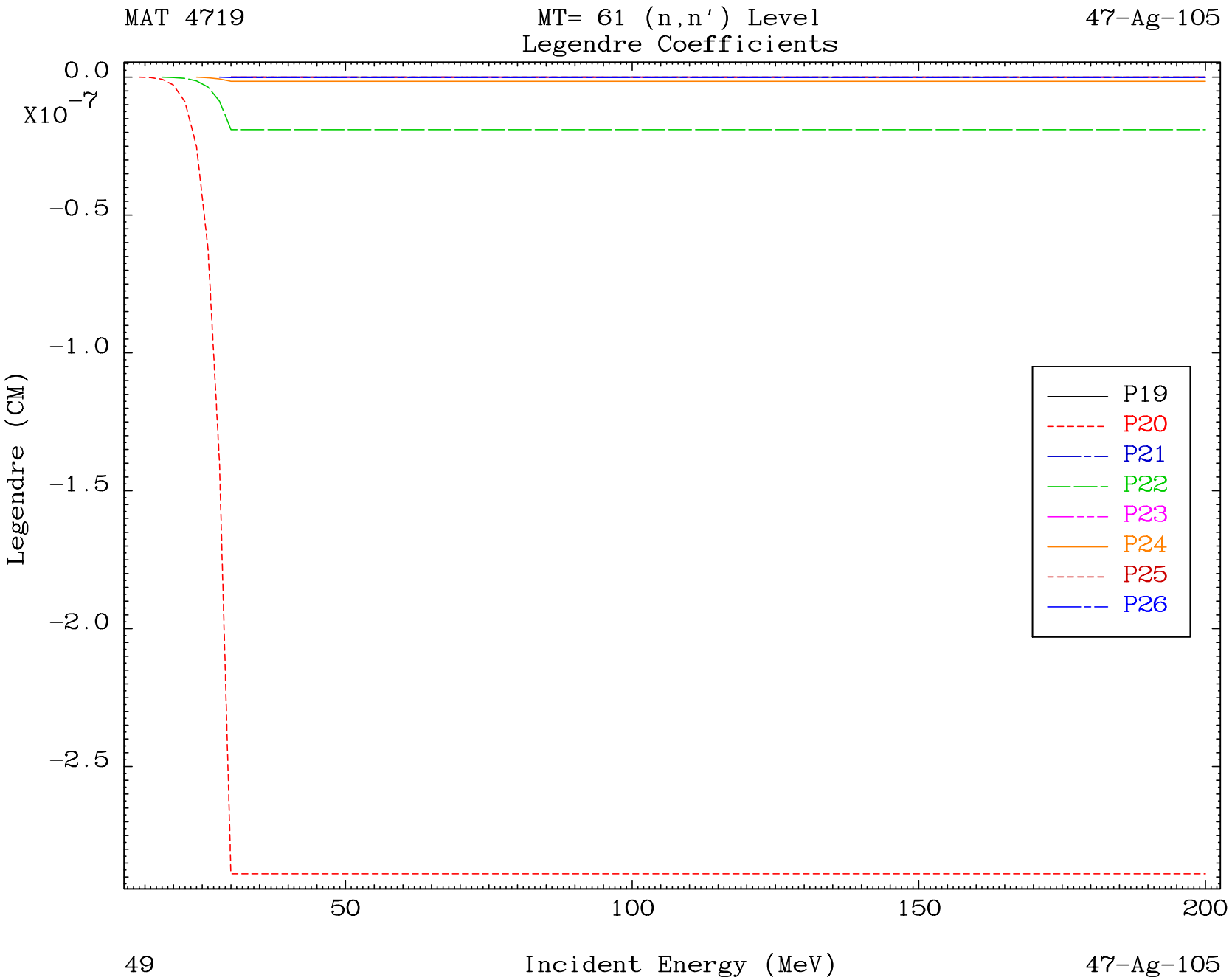

MAT 4719
MT= 60 (n,n') Level
Legendre Coefficients
47-Ag-105
Legendre (CM)
0.12
0.08
0.04
0.00
P1
P2
P3
P4
P5
P6
P7
P8
P9
0
50
100
150
200
44
Incident Energy (MeV)
47-Ag-105

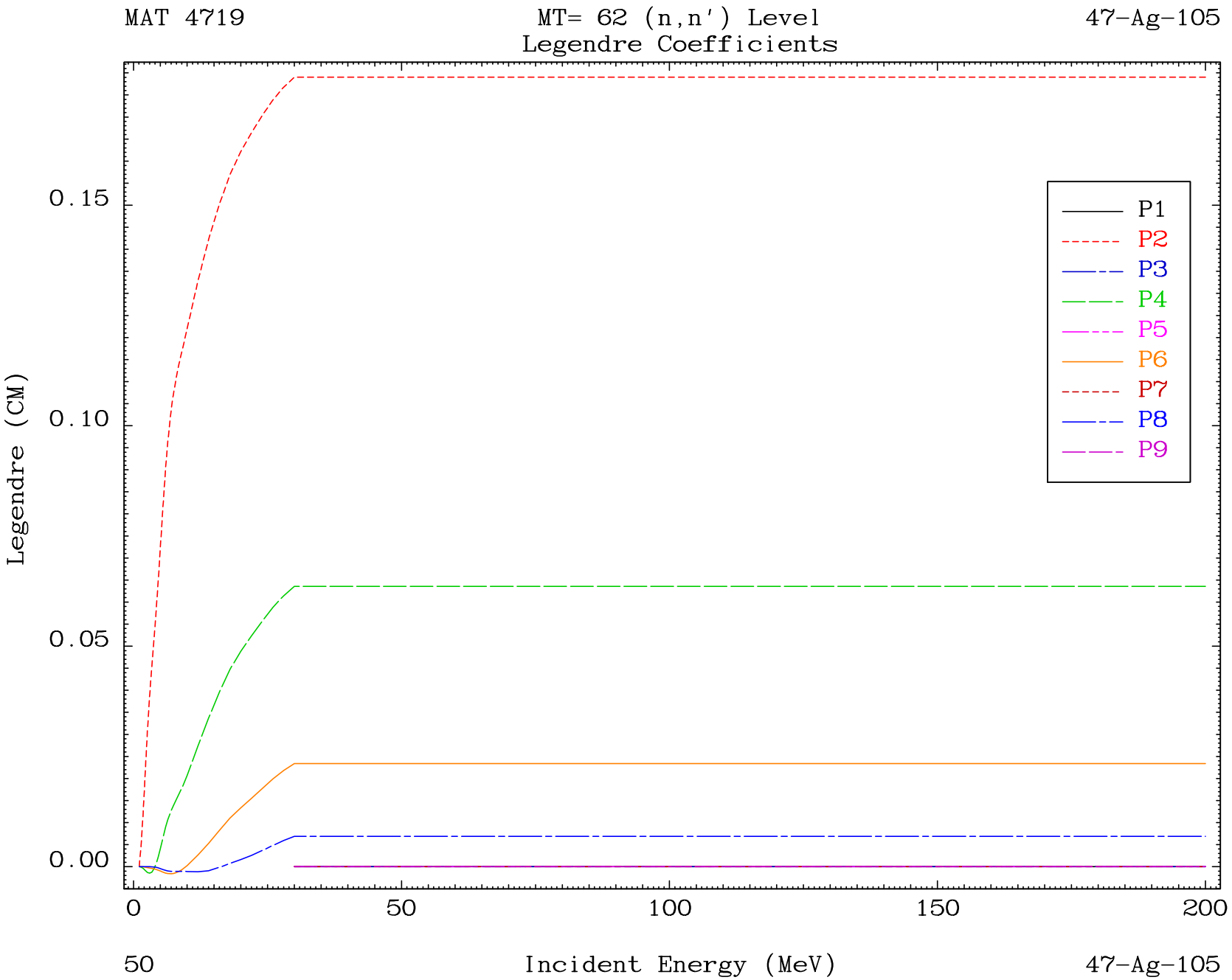

MAT 4719
MT= 60 (n,n') Level
Legendre Coefficients
47-Ag-105
0.000
-0.001
-0.002
-0.003
Legendre (CM)
0
50
100
150
200
45
Incident Energy (MeV)
47-Ag-105
P10
P11
P12
P13
P14
P15
P16
P17
P18

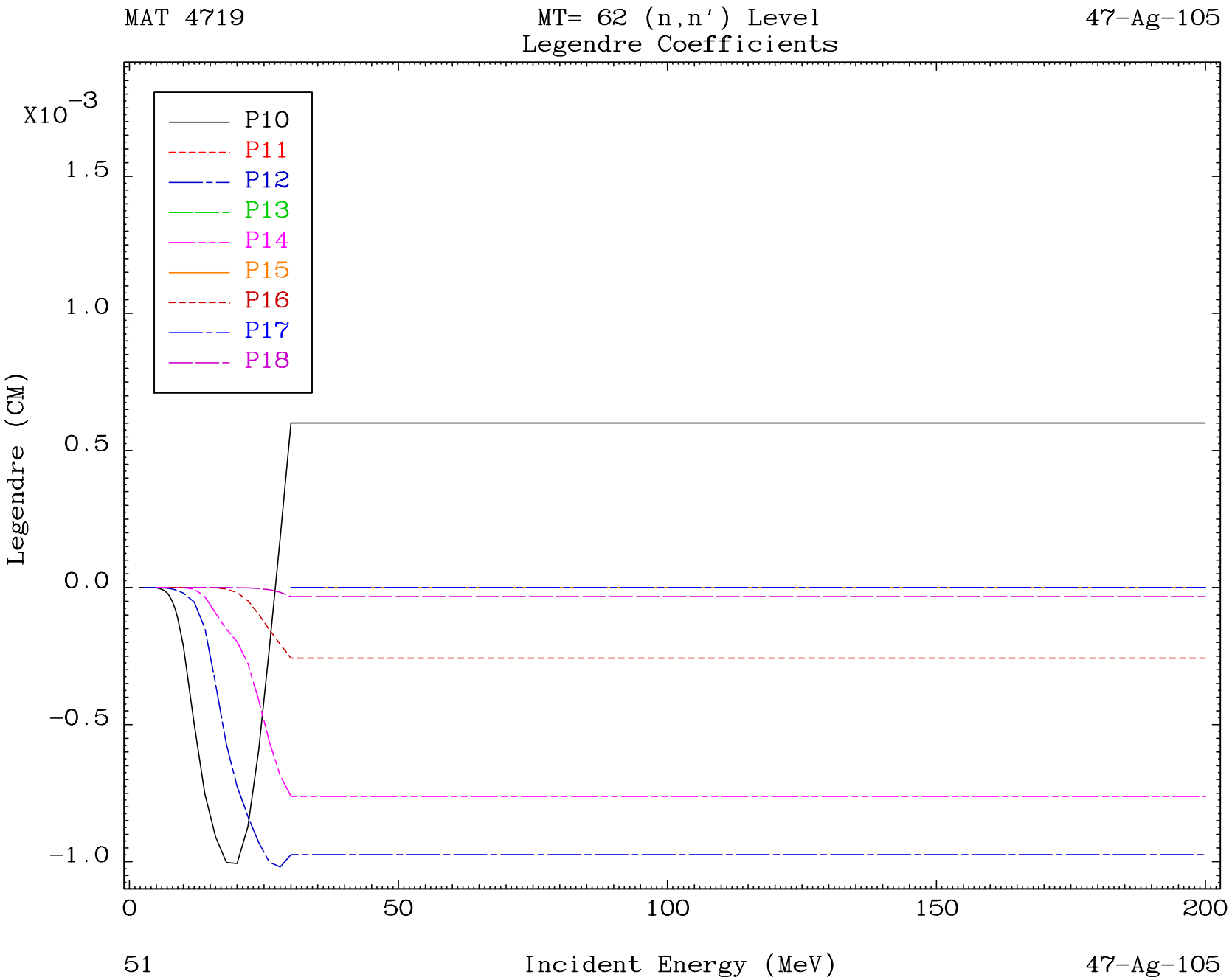

MAT 4719
MT= 60 (n,n') Level
Legendre Coefficients
47-Ag-105
X10^-7
4
3
2
1
0
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
50
100
150
200
46
Incident Energy (MeV)
47-Ag-105

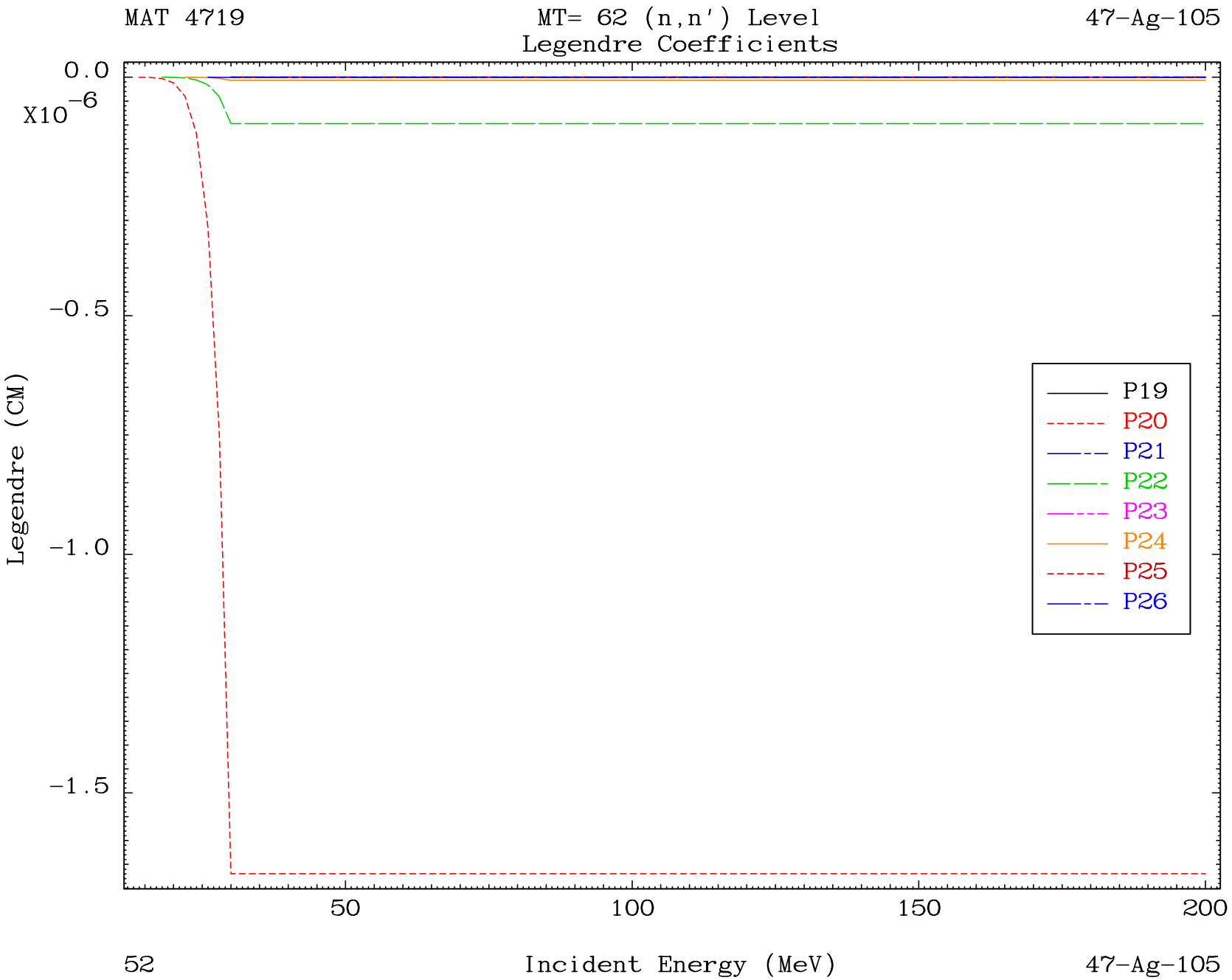

MAT 4719
MT= 61 (n,n') Level
Legendre Coefficients
47-Ag-105
0.10
0.08
0.06
0.04
0.02
0.00
-0.02
Legendre (CM)
0
50
100
150
200
47
Incident Energy (MeV)
47-Ag-105
P1
P2
P3
P4
P5
P6
P7
P8
P9

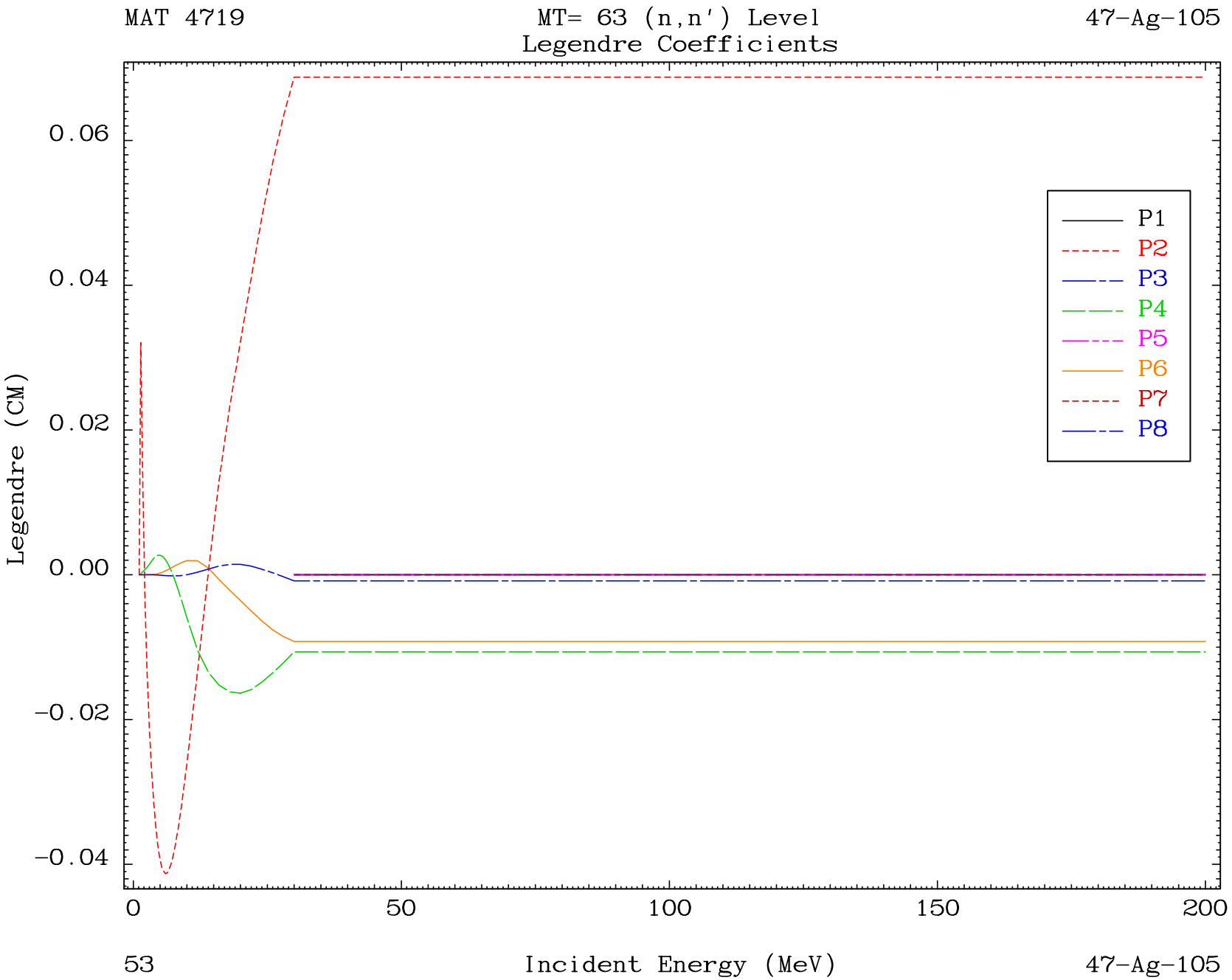

MAT 4719
MT= 61 (n,n') Level
Legendre Coefficients
47-Ag-105
X10^-4
4
0
-4
-8
Legendre (CM)
0
50
100
150
200
48
Incident Energy (MeV)
47-Ag-105
P10
P11
P12
P13
P14
P15
P16
P17
P18

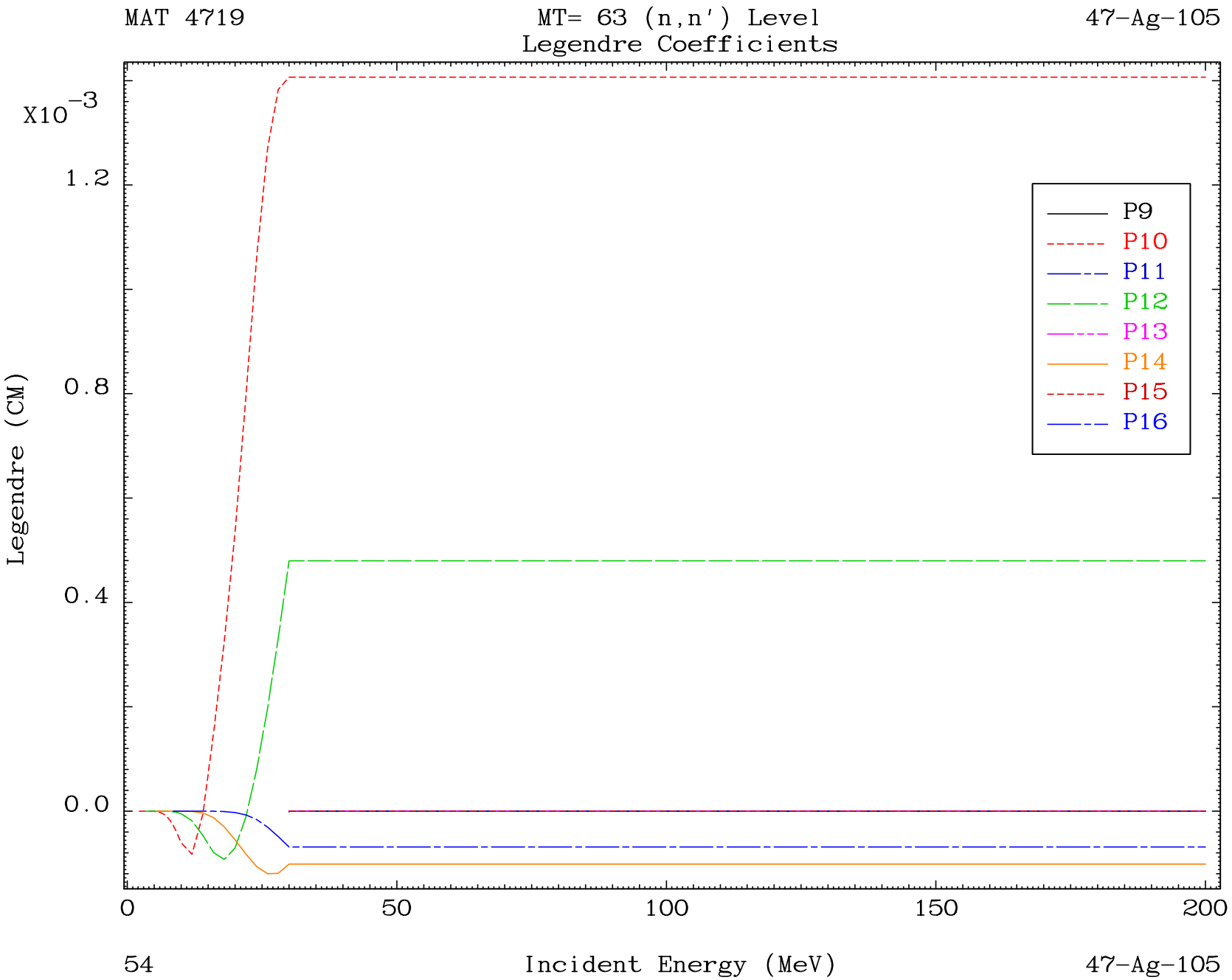

MAT 4719
MT= 61 (n,n') Level
Legendre Coefficients
47-Ag-105
0.0
X10^-7
-0.5
-1.0
-1.5
-2.0
-2.5
Legendre (CM)
50
100
150
200
P19
P20
P21
P22
P23
P24
P25
P26
49
Incident Energy (MeV)
47-Ag-105

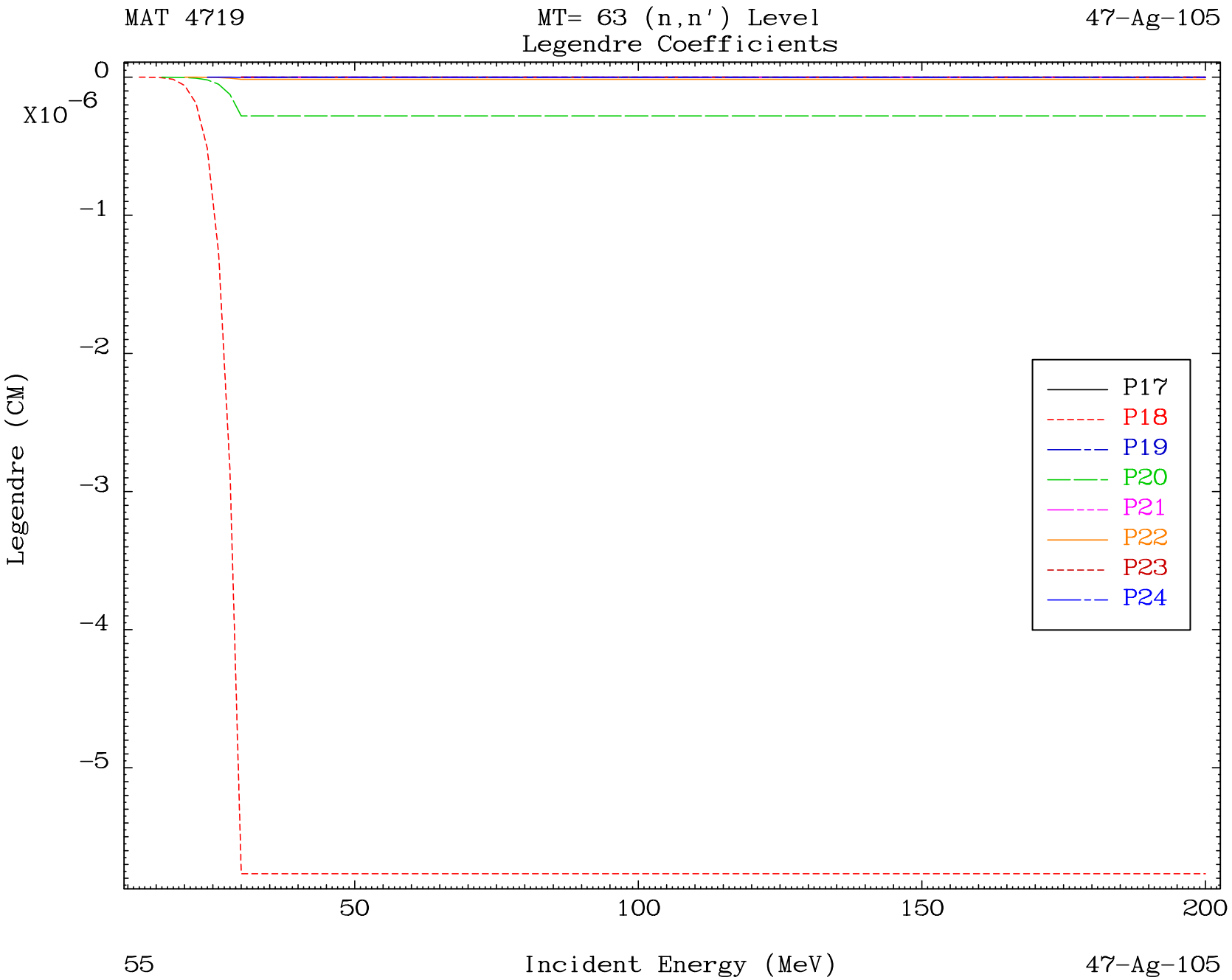

MAT 4719
MT= 62 (n,n') Level
Legendre Coefficients
47-Ag-105
Legendre (CM)
0.15
0.10
0.05
0.00
0
50
100
150
200
50
Incident Energy (MeV)
47-Ag-105
P1
P2
P3
P4
P5
P6
P7
P8
P9

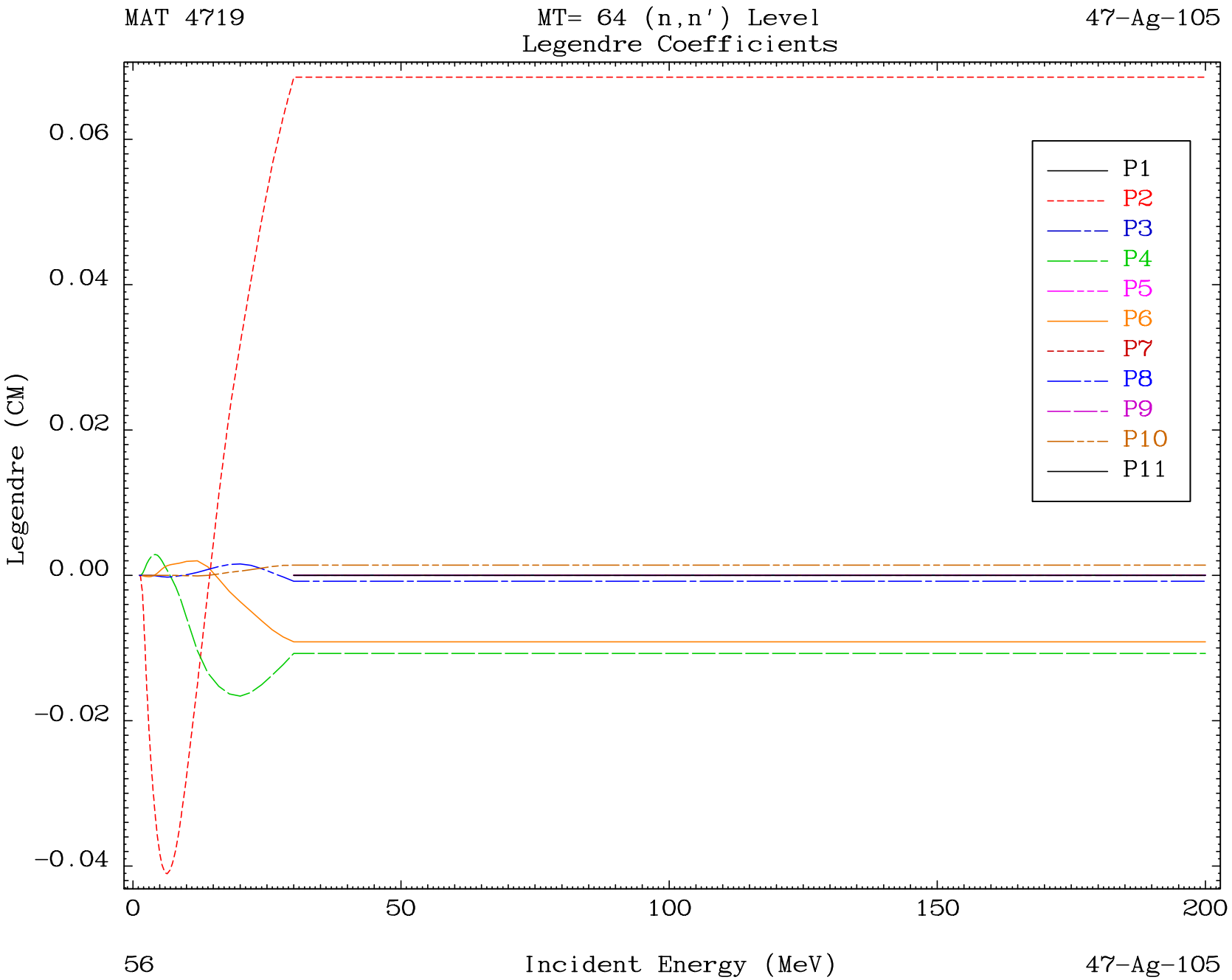

MAT 4719
MT= 62 (n,n') Level
Legendre Coefficients
47-Ag-105
X10^-3
1.5
1.0
0.5
0.0
-0.5
-1.0
Legendre (CM)
P10
P11
P12
P13
P14
P15
P16
P17
P18
0
50
100
150
200
51
Incident Energy (MeV)
47-Ag-105

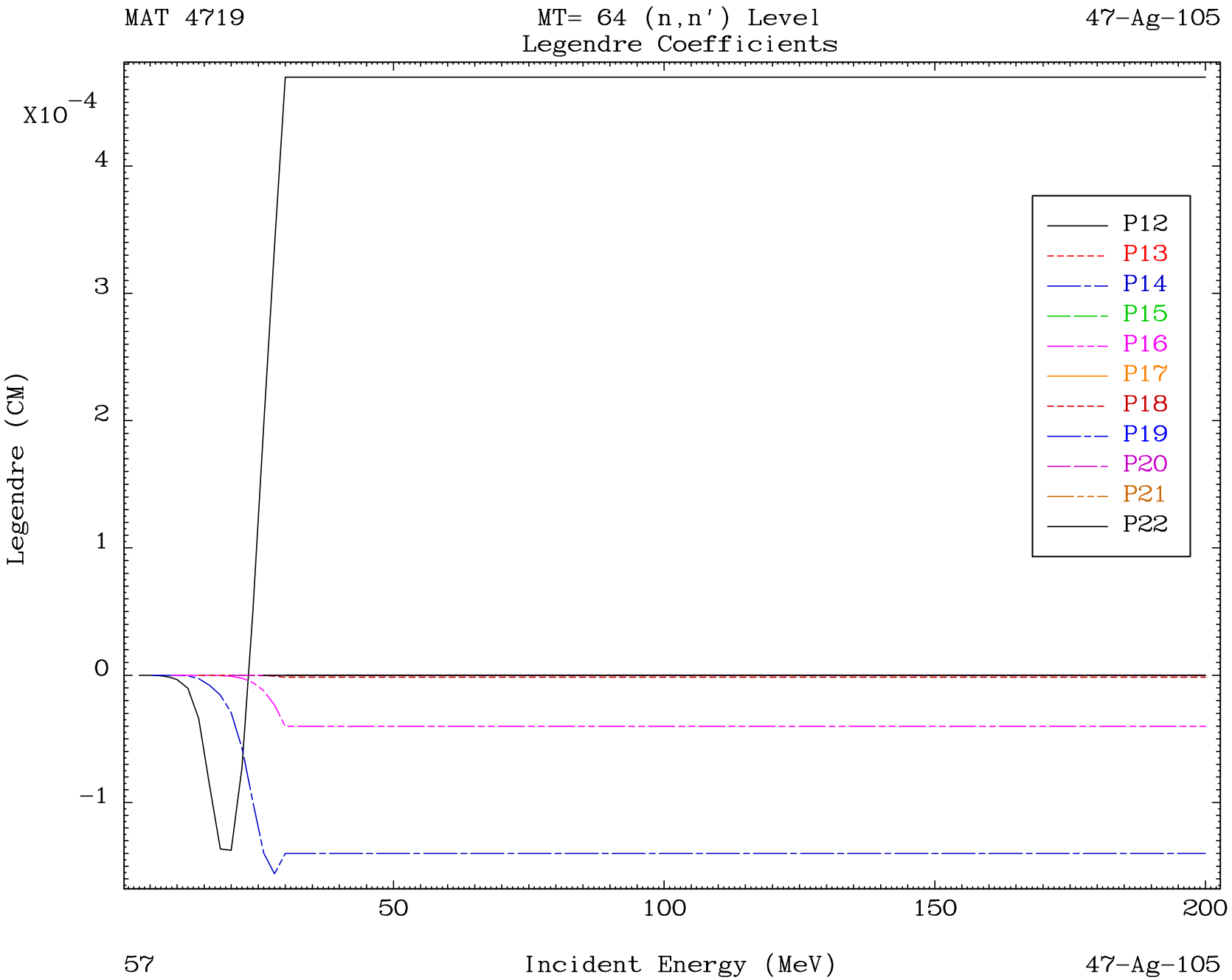

MAT 4719
MT= 62 (n,n') Level
Legendre Coefficients
47-Ag-105
0.0
X10−6
−0.5
−1.0
−1.5
Legendre (CM)
50
100
150
200
52
Incident Energy (MeV)
47-Ag-105
P19
P20
P21
P22
P23
P24
P25
P26

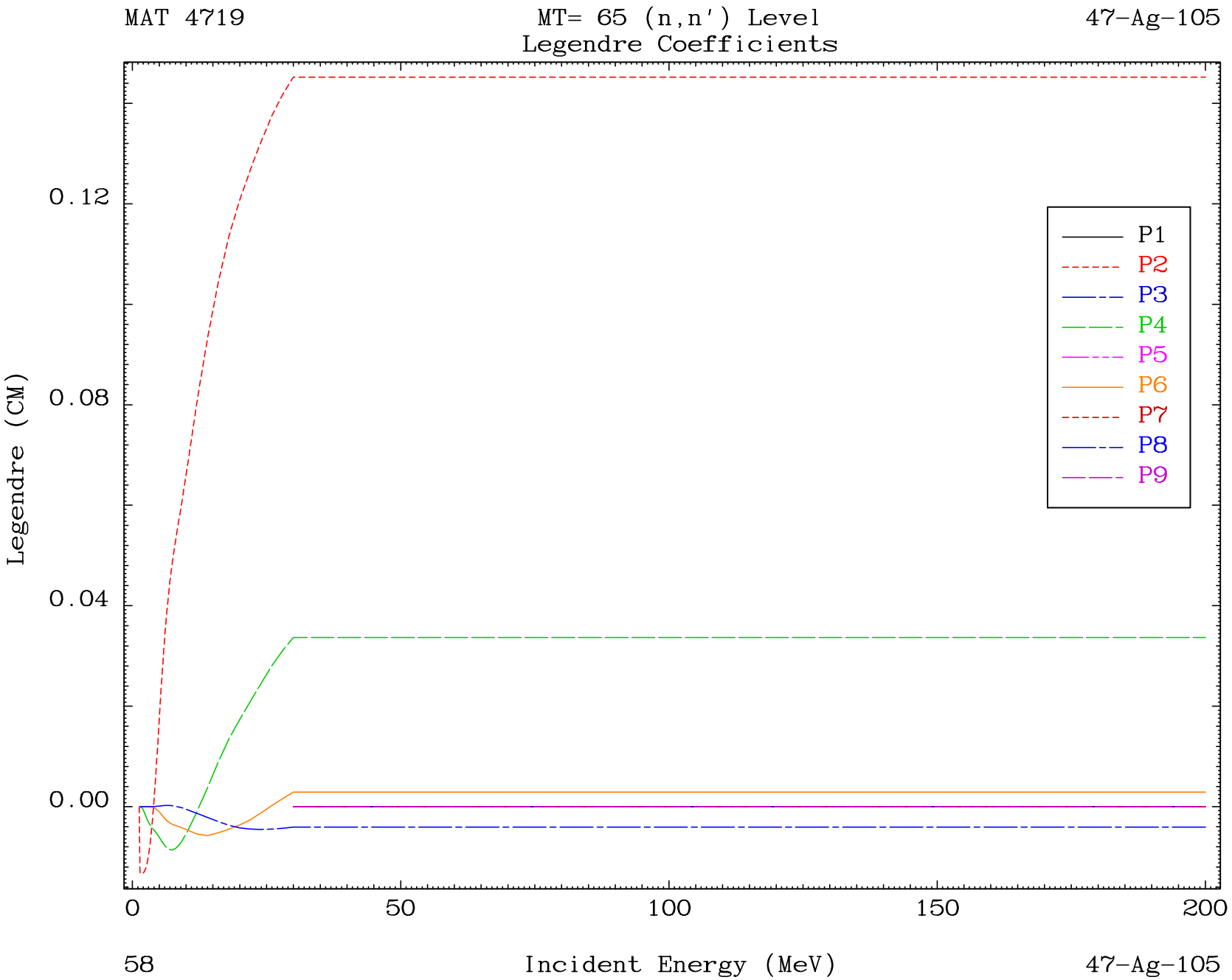

MAT 4719
MT= 63 (n,n') Level
Legendre Coefficients
47-Ag-105
0.06
0.04
0.02
0.00
-0.02
-0.04
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
0
50
100
150
200
53
Incident Energy (MeV)
47-Ag-105

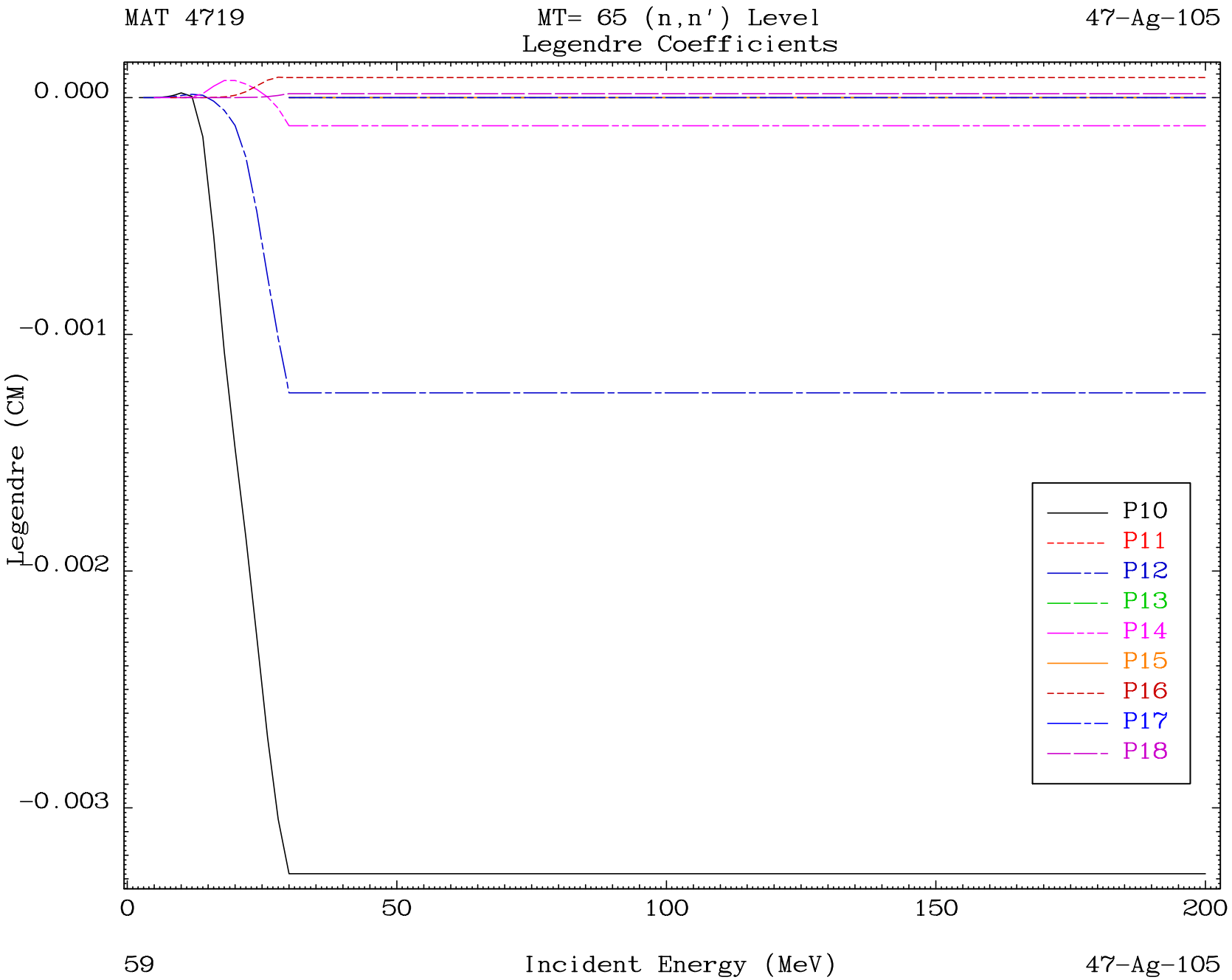

MAT 4719
MT= 63 (n,n') Level
Legendre Coefficients
47-Ag-105
X10^-3
1.2
0.8
0.4
0.0
Legendre (CM)
P9
P10
P11
P12
P13
P14
P15
P16
0
50
100
150
200
54
Incident Energy (MeV)
47-Ag-105

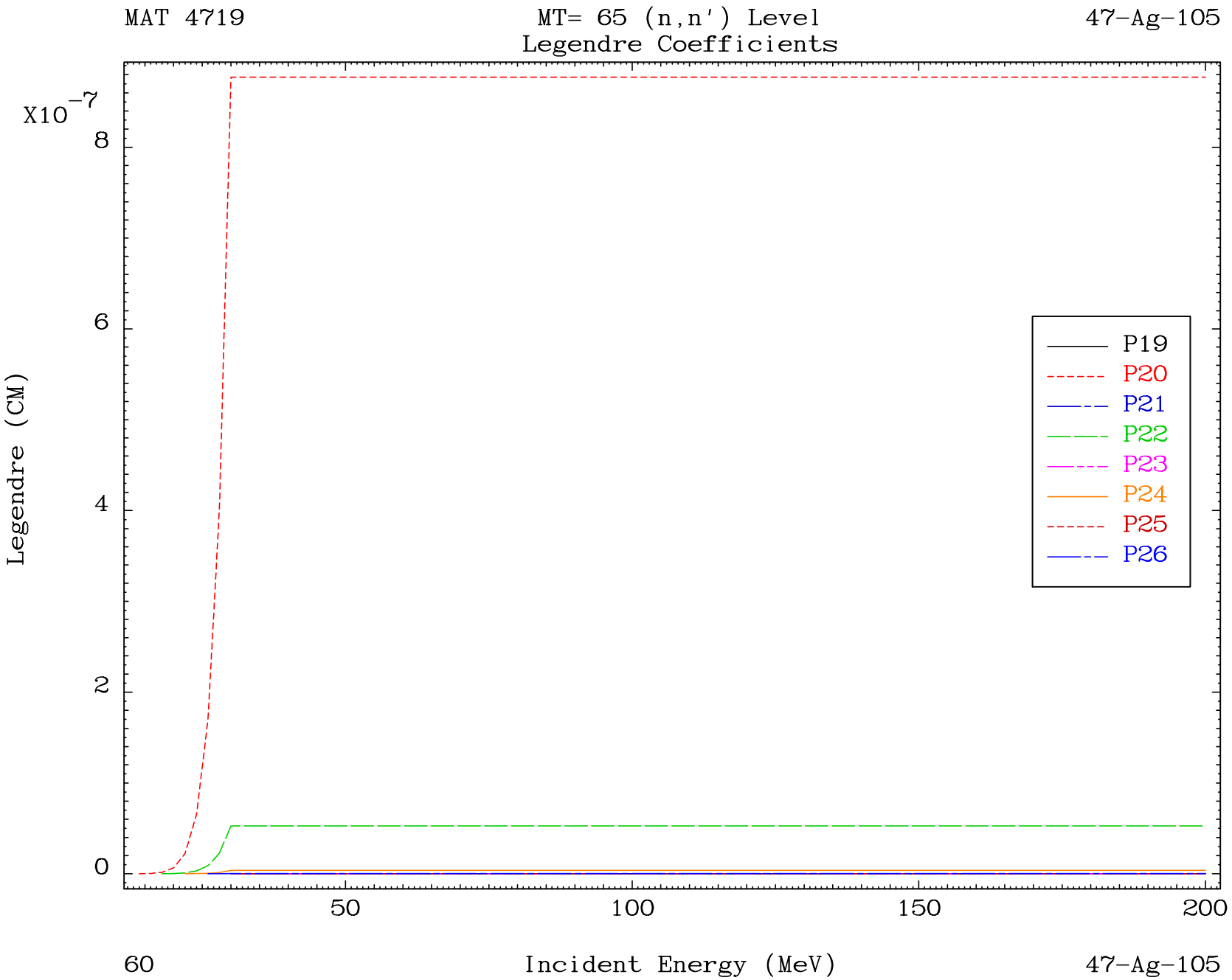

MAT 4719
MT= 63 (n,n') Level
Legendre Coefficients
47-Ag-105
0
X10^-6
-1
-2
-3
-4
-5
Legendre (CM)
P17
P18
P19
P20
P21
P22
P23
P24
50
100
150
200
55
Incident Energy (MeV)
47-Ag-105

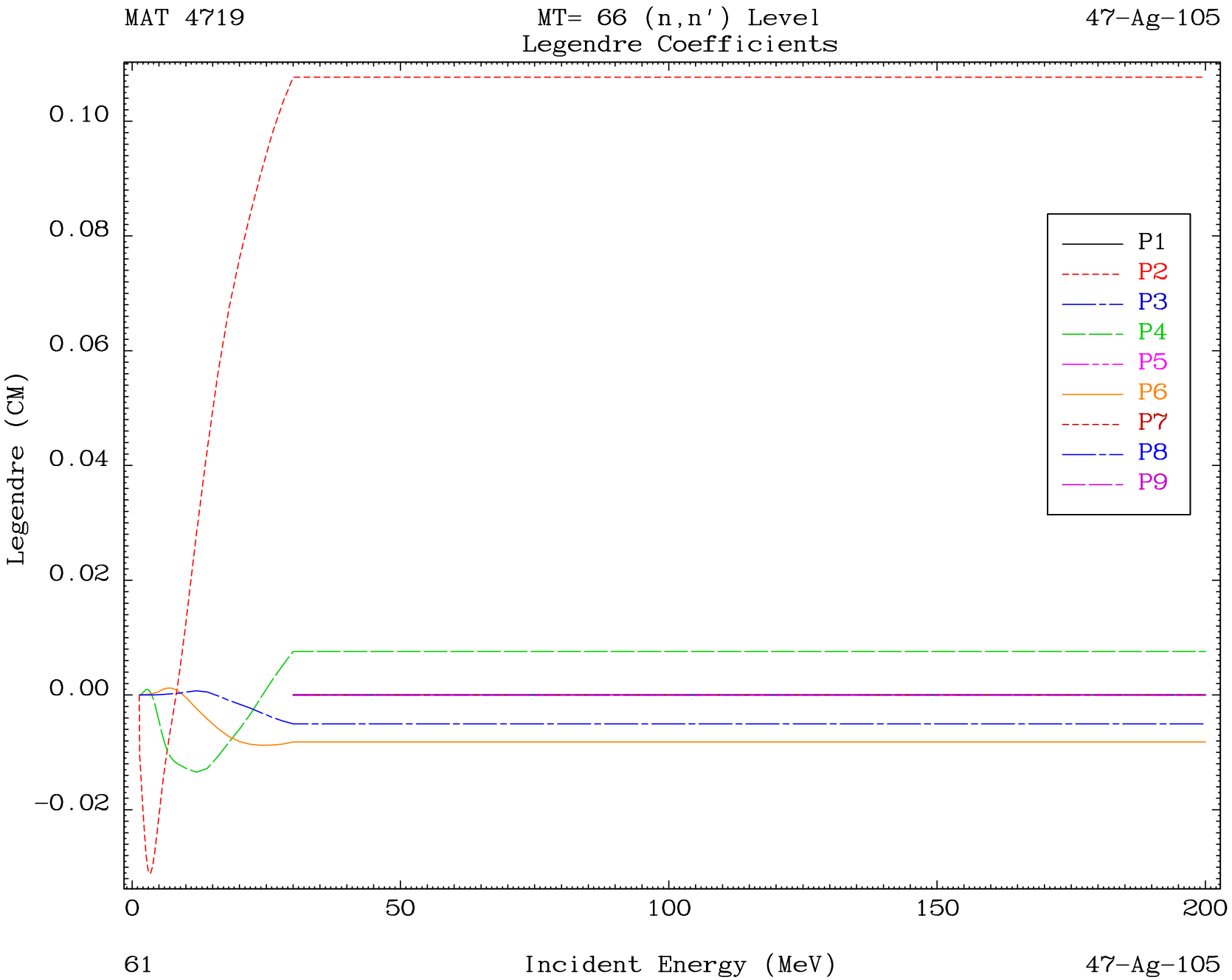

MAT 4719
MT= 64 (n,n') Level
Legendre Coefficients
47-Ag-105
0.06
0.04
0.02
0.00
-0.02
-0.04
Legendre (CM)
0
50
100
150
200
Incident Energy (MeV)
56
47-Ag-105
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10
P11

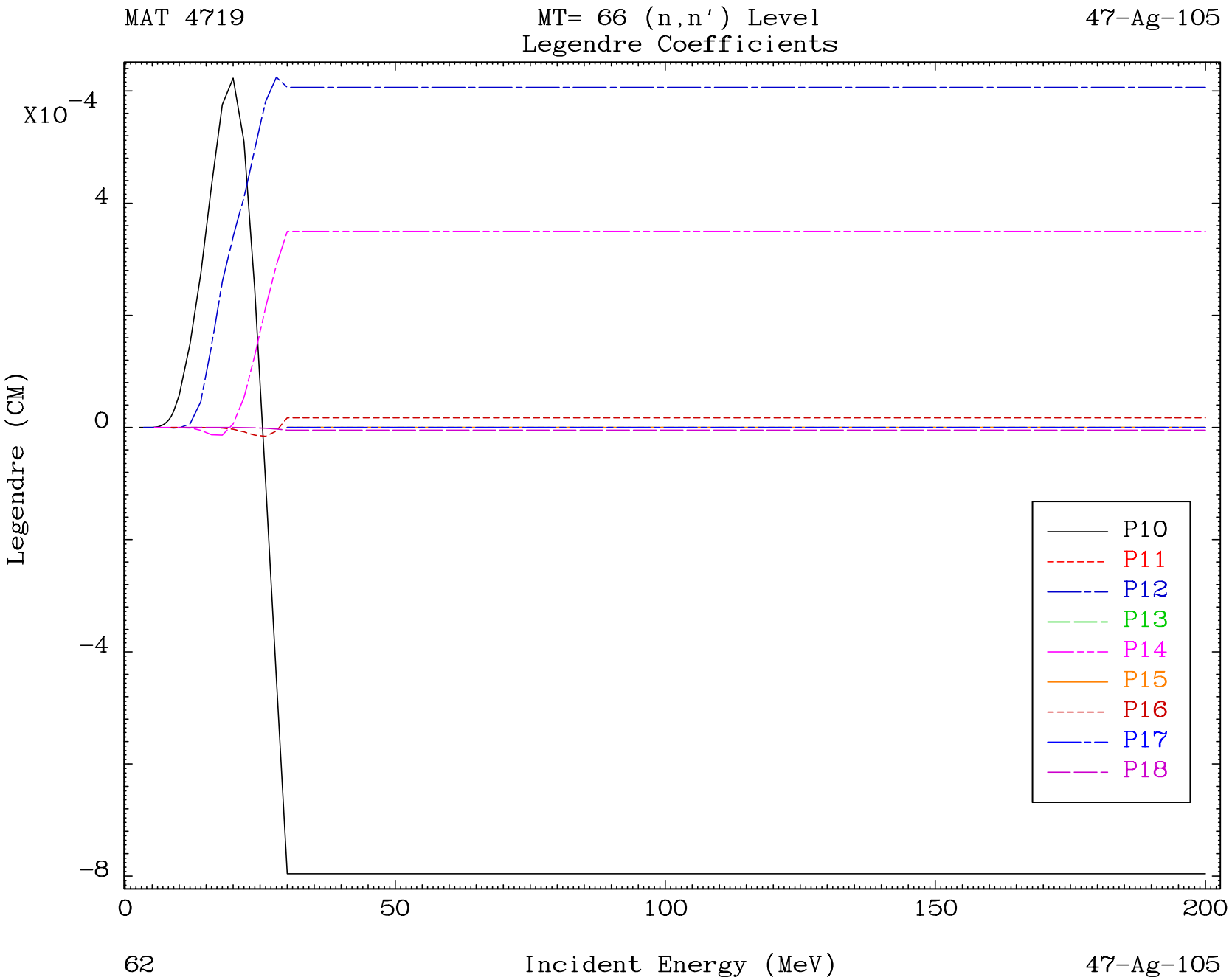

MAT 4719
MT= 64 (n,n') Level
Legendre Coefficients
47-Ag-105
X10^-4
4
3
2
1
0
-1
Legendre (CM)
P12
P13
P14
P15
P16
P17
P18
P19
P20
P21
P22
50
100
150
200
57
Incident Energy (MeV)
47-Ag-105

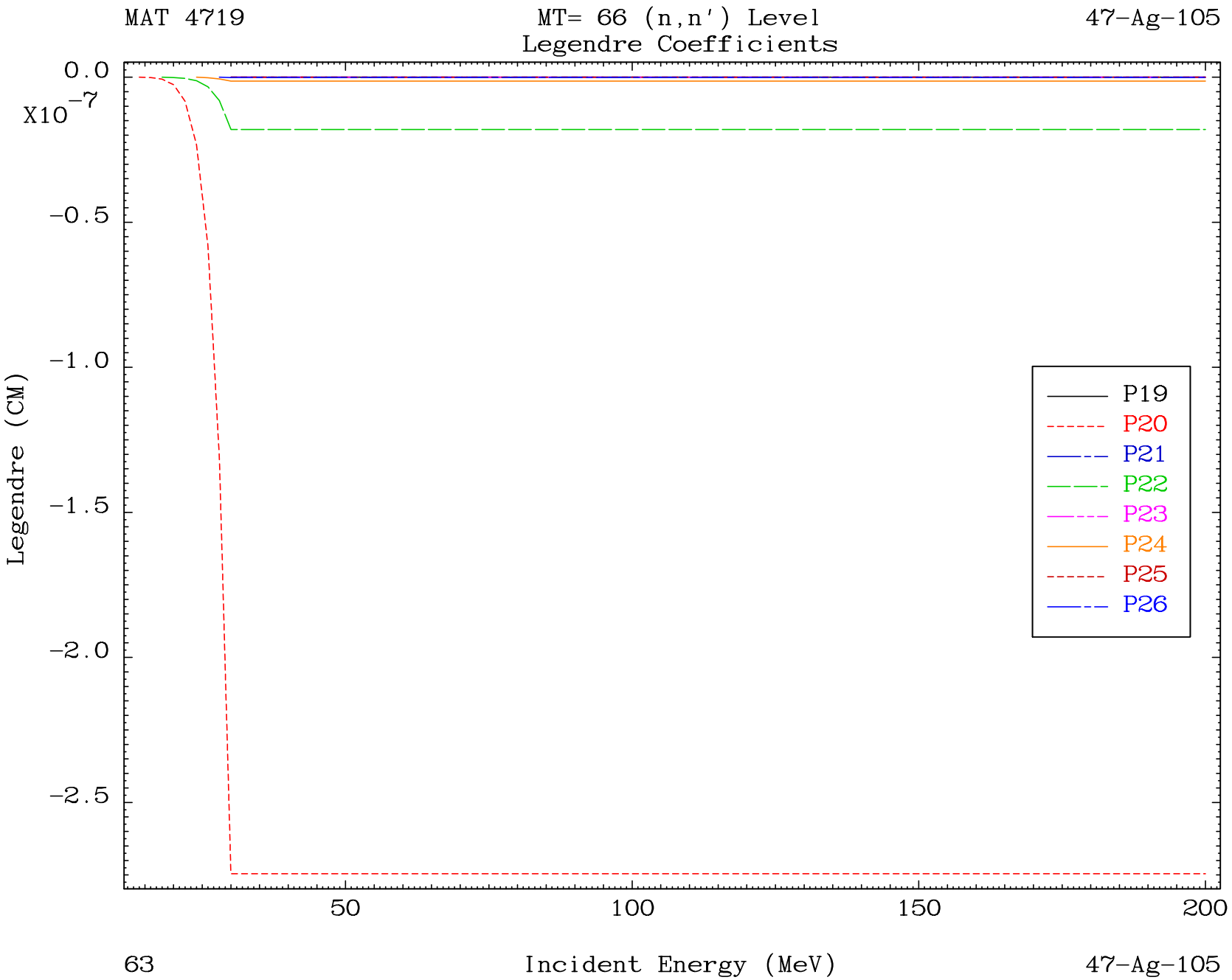

MAT 4719
MT= 65 (n,n') Level
Legendre Coefficients
47-Ag-105
0.12
0.08
0.04
0.00
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
0
50
100
150
200
58
Incident Energy (MeV)
47-Ag-105

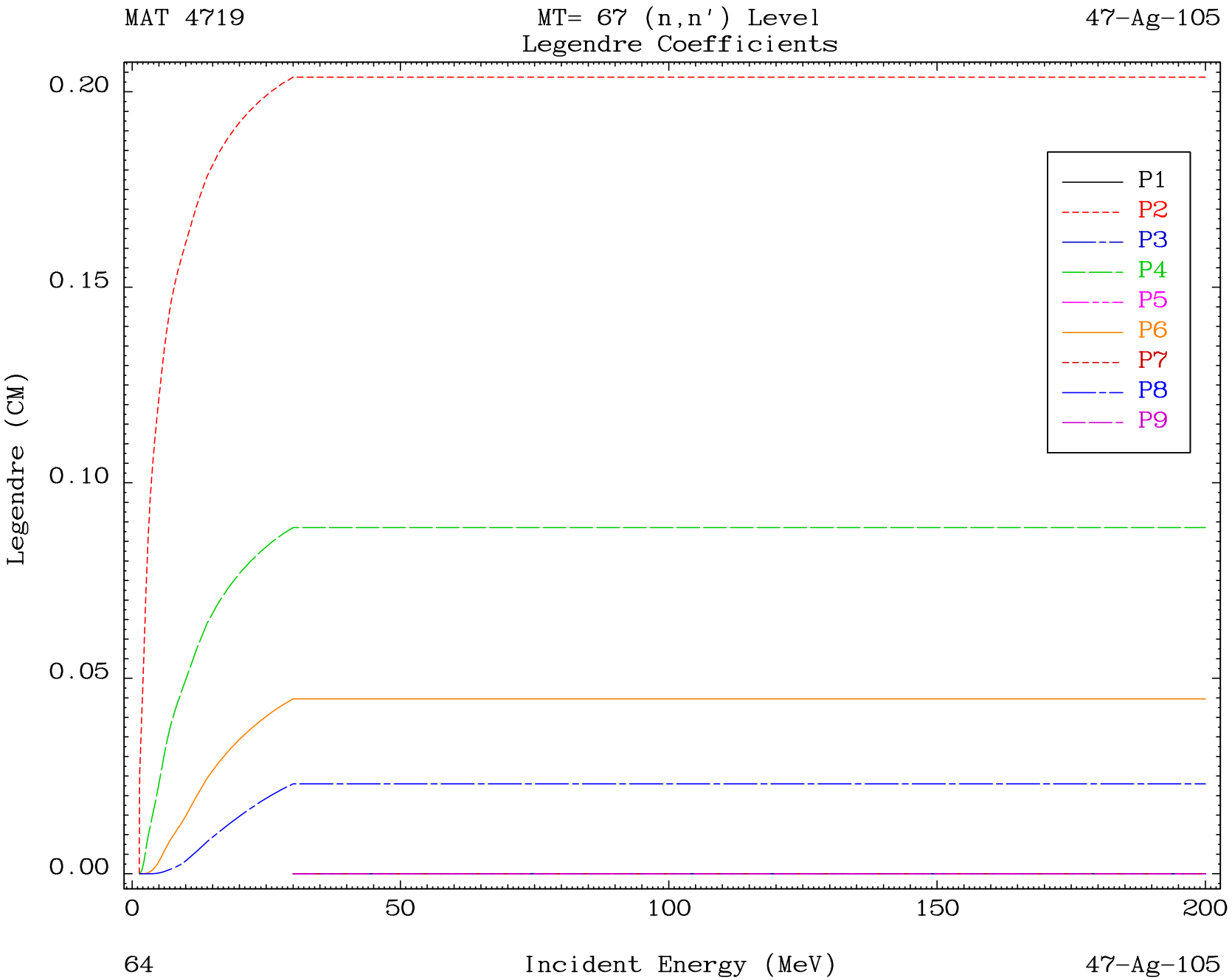

MAT 4719
MT= 65 (n,n') Level
Legendre Coefficients
47-Ag-105
0.000
-0.001
-0.002
-0.003
Legendre (CM)
0
50
100
150
200
59
Incident Energy (MeV)
47-Ag-105
P10
P11
P12
P13
P14
P15
P16
P17
P18

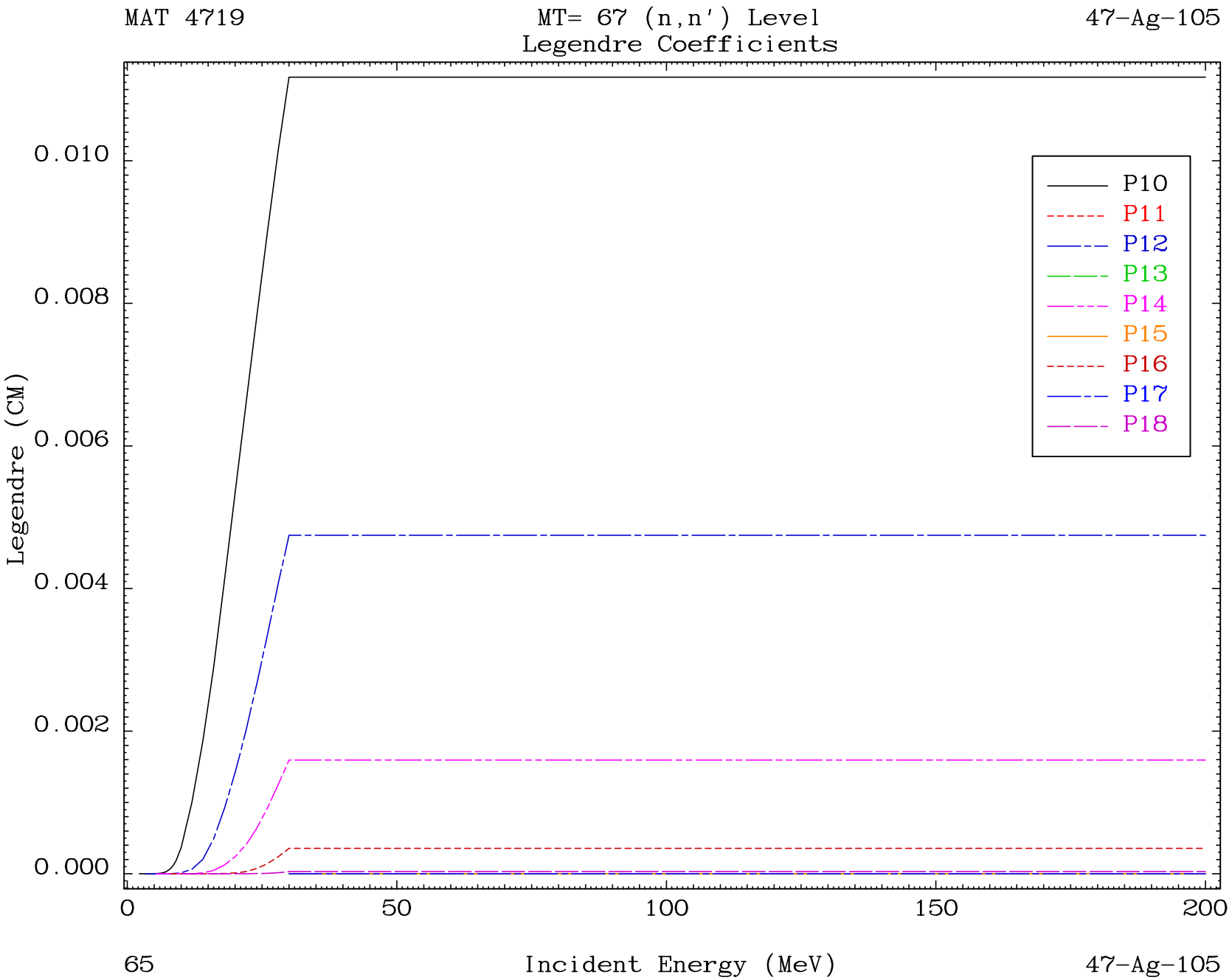

MAT 4719
MT= 65 (n,n') Level
Legendre Coefficients
47-Ag-105
X10-7
8
6
4
2
0
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
50
100
150
200
60
Incident Energy (MeV)
47-Ag-105

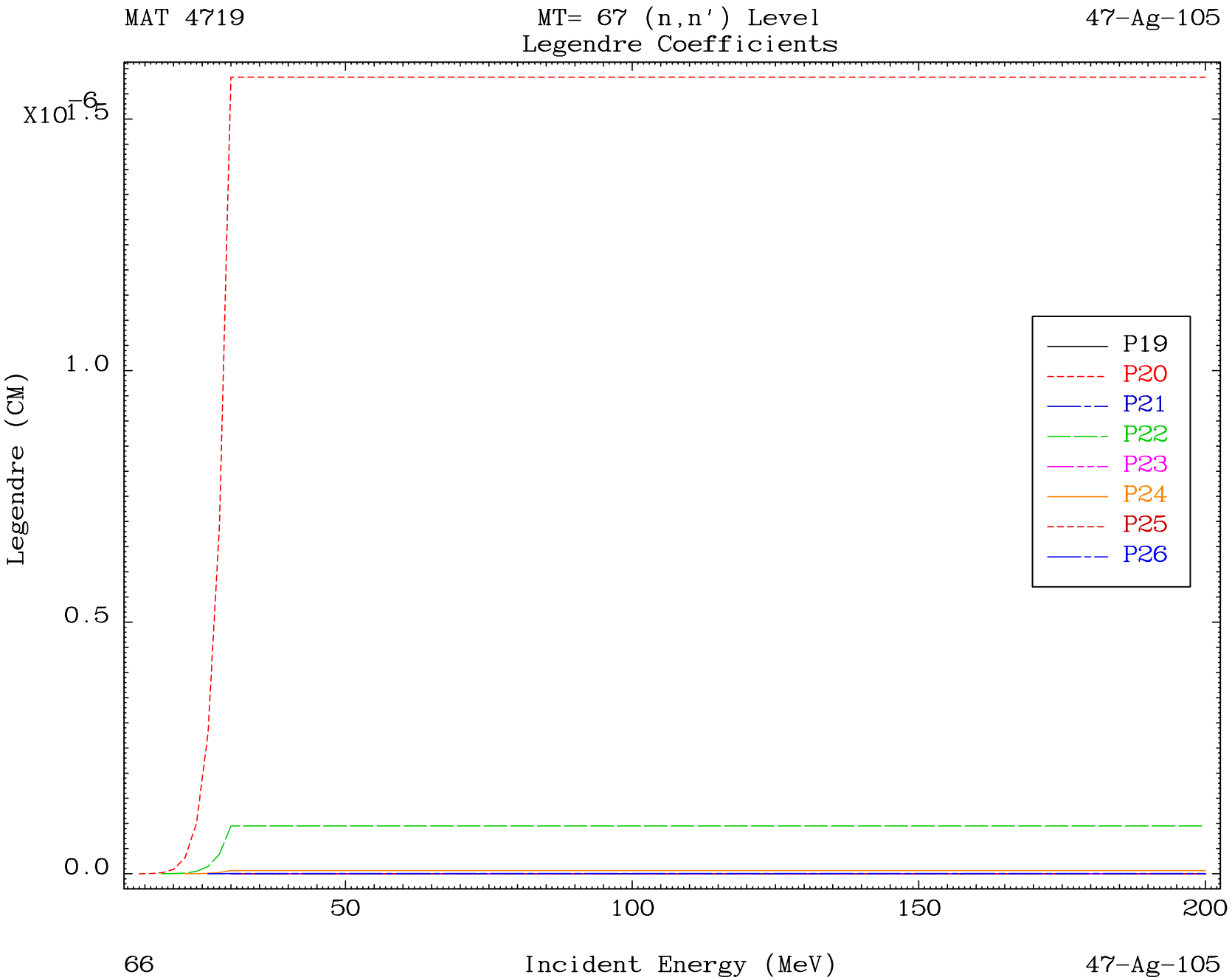

MAT 4719
MT= 66 (n,n') Level
Legendre Coefficients
47-Ag-105
0.10
0.08
0.06
0.04
0.02
0.00
-0.02
Legendre (CM)
0
50
100
150
200
Incident Energy (MeV)
61
47-Ag-105
P1
P2
P3
P4
P5
P6
P7
P8
P9

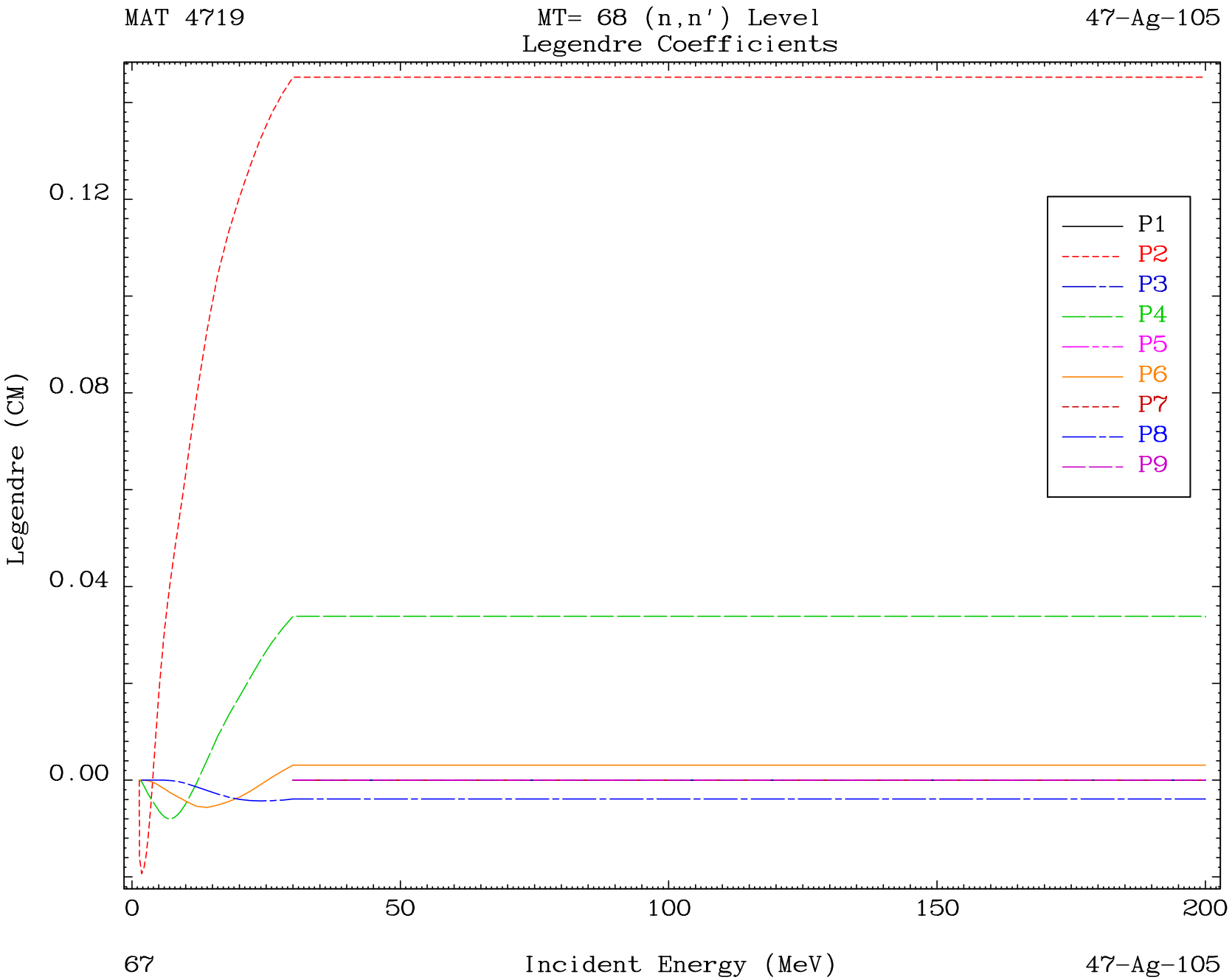

MAT 4719
MT= 66 (n,n') Level
Legendre Coefficients
47-Ag-105
X10^-4
4
0
-4
-8
Legendre (CM)
0
50
100
150
200
62
Incident Energy (MeV)
47-Ag-105
P10
P11
P12
P13
P14
P15
P16
P17
P18

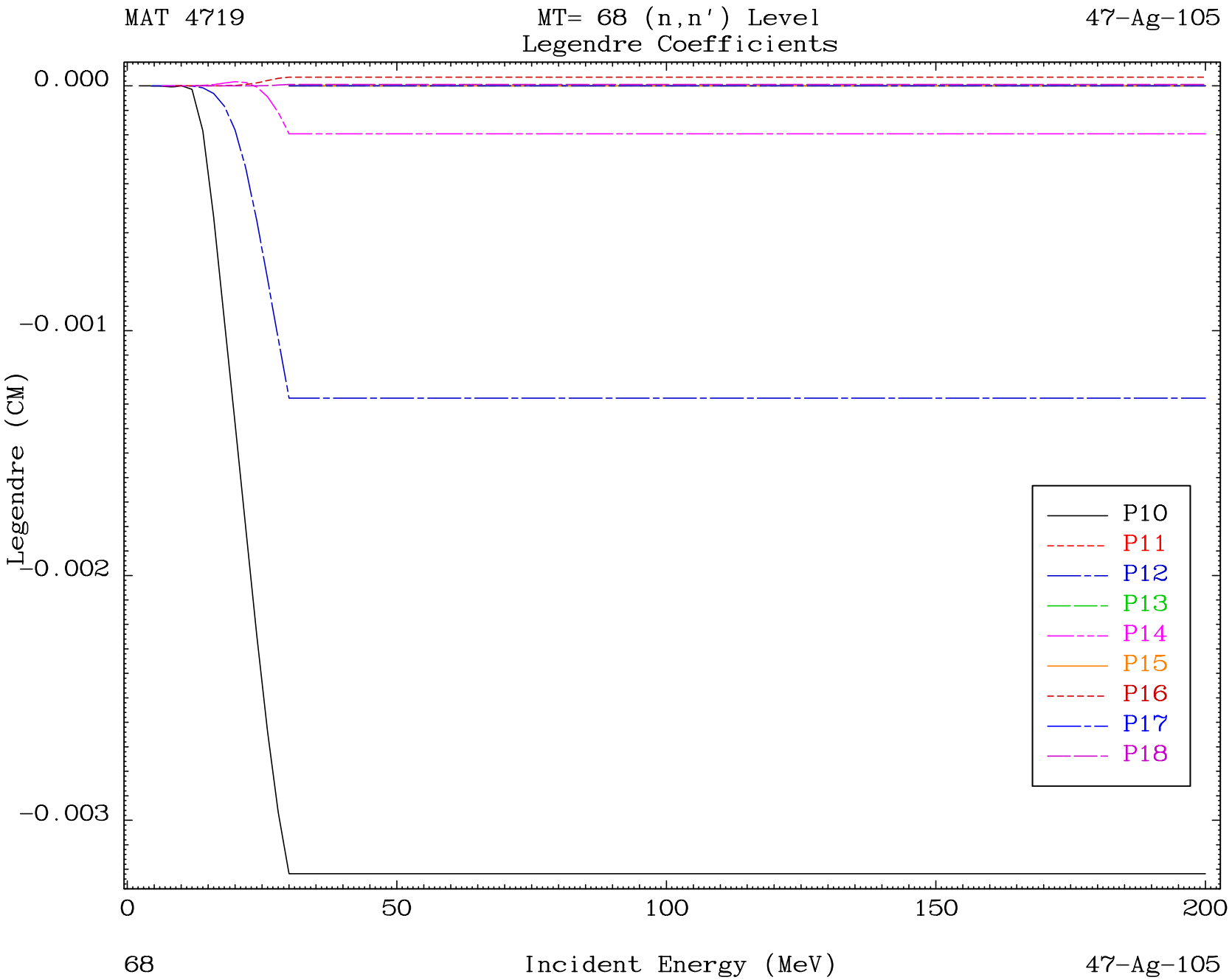

MAT 4719
MT= 66 (n,n') Level
Legendre Coefficients
47-Ag-105
0.0
X10^-7
-0.5
-1.0
-1.5
-2.0
-2.5
Legendre (CM)
50
100
150
200
63
Incident Energy (MeV)
47-Ag-105
P19
P20
P21
P22
P23
P24
P25
P26

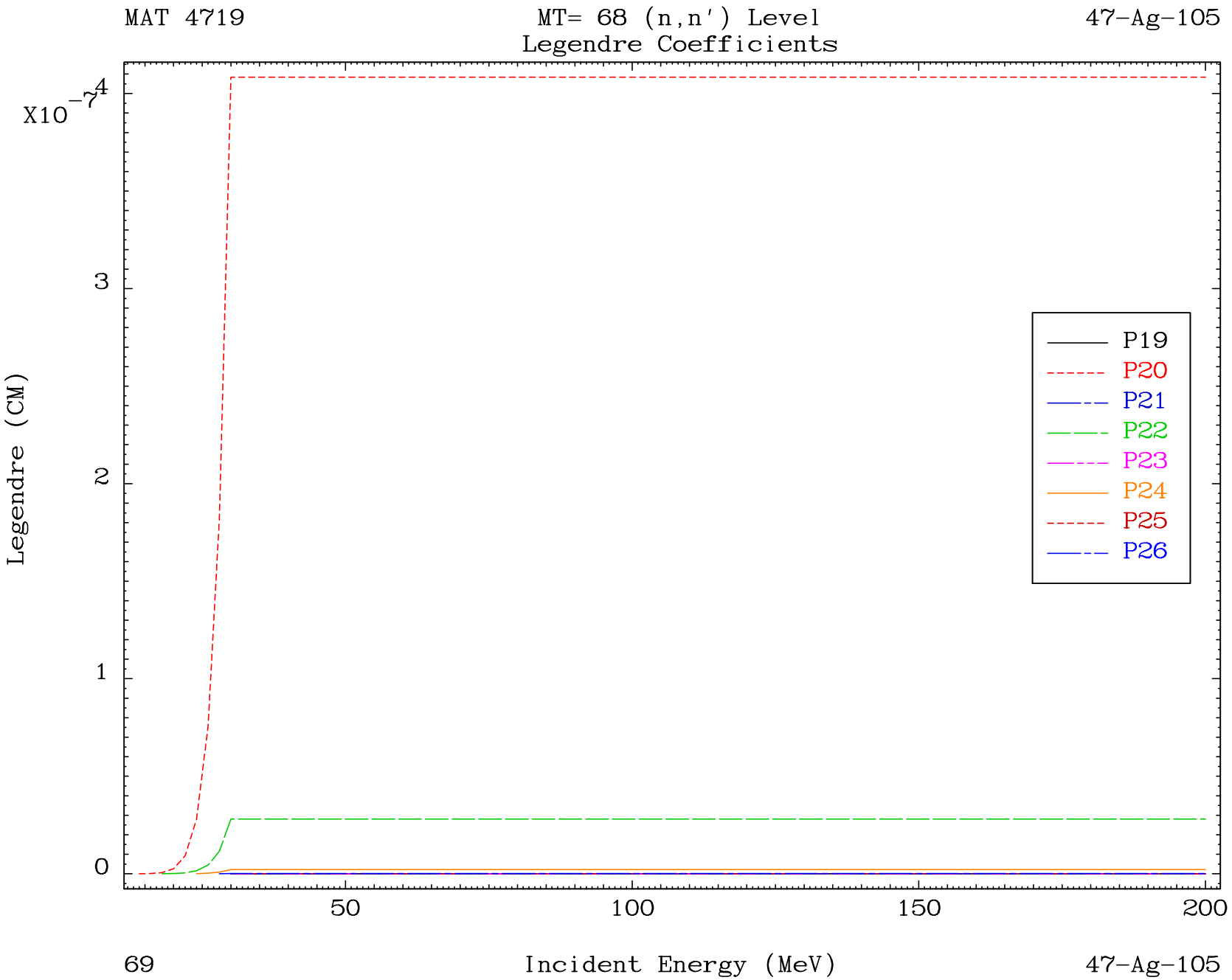

MAT 4719
MT= 67 (n,n') Level
Legendre Coefficients
47-Ag-105
0.20
0.15
0.10
0.05
0.00
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
0
50
100
150
200
64
Incident Energy (MeV)
47-Ag-105

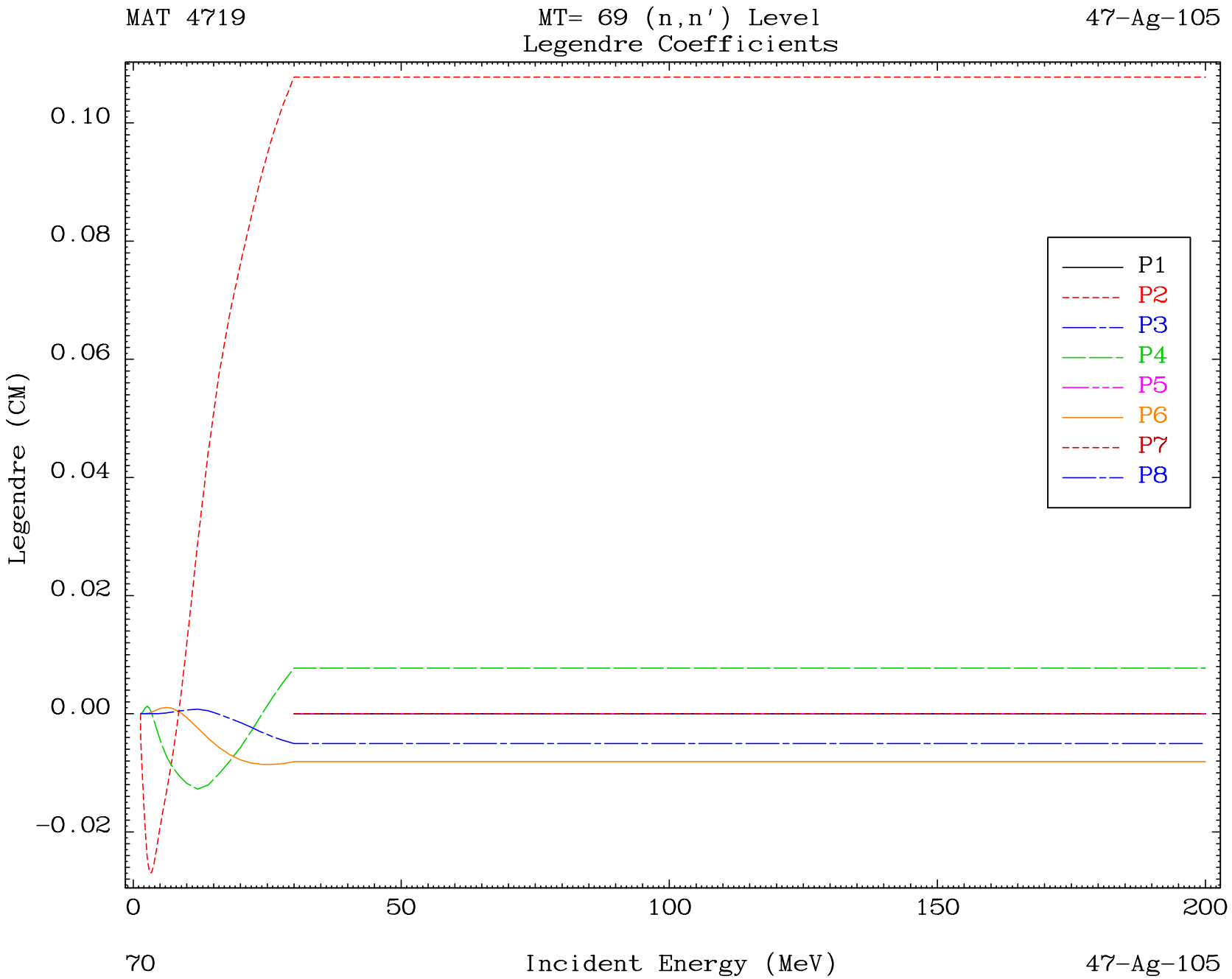

MAT 4719
MT= 67 (n,n') Level
Legendre Coefficients
47-Ag-105
0.010
0.008
0.006
0.004
0.002
0.000
Legendre (CM)
P10
P11
P12
P13
P14
P15
P16
P17
P18
0
50
100
150
200
65
Incident Energy (MeV)
47-Ag-105

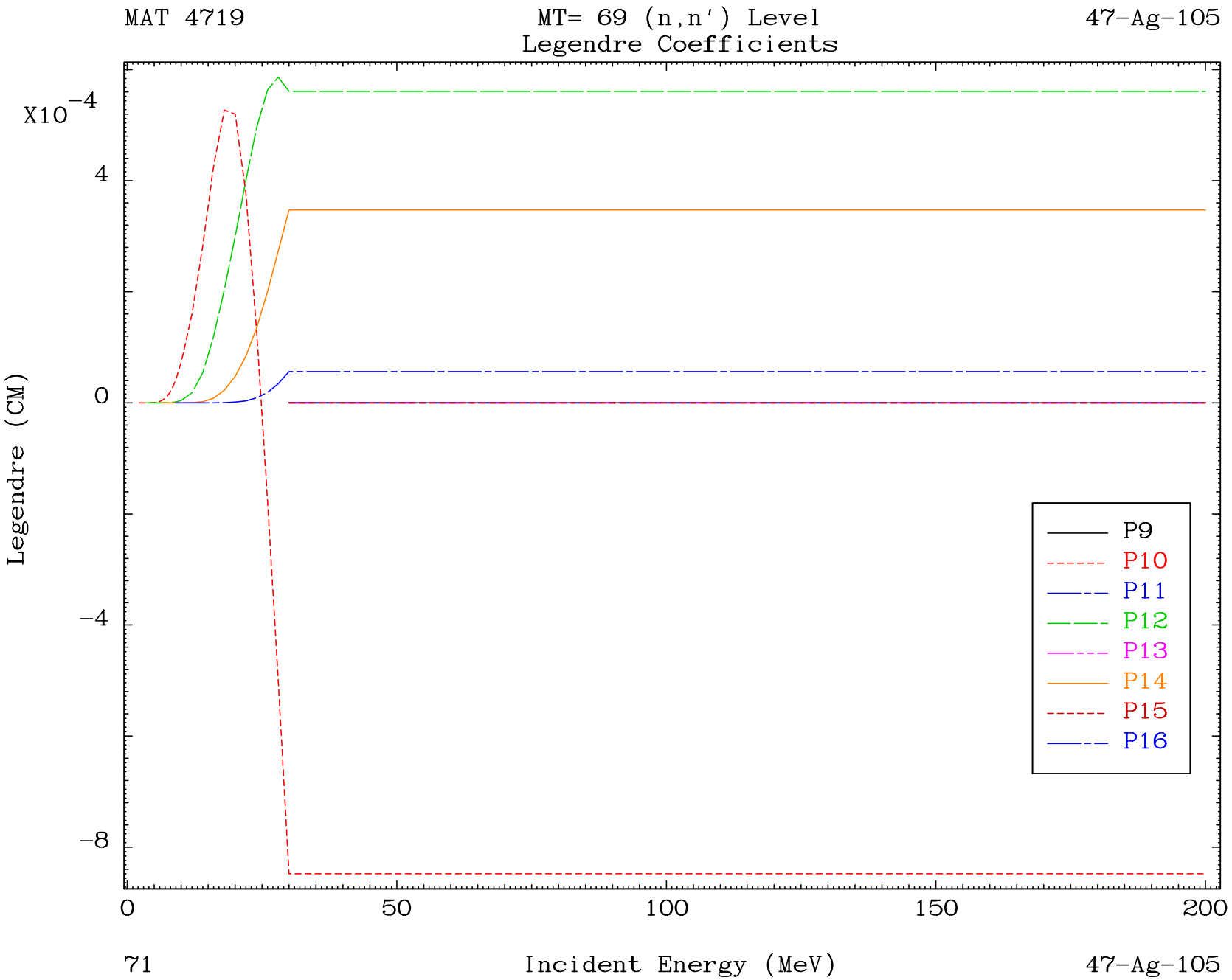

MAT 4719
MT= 67 (n,n') Level
Legendre Coefficients
47-Ag-105
X10-6
1.5
1.0
0.5
0.0
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
50
100
150
200
66
Incident Energy (MeV)
47-Ag-105

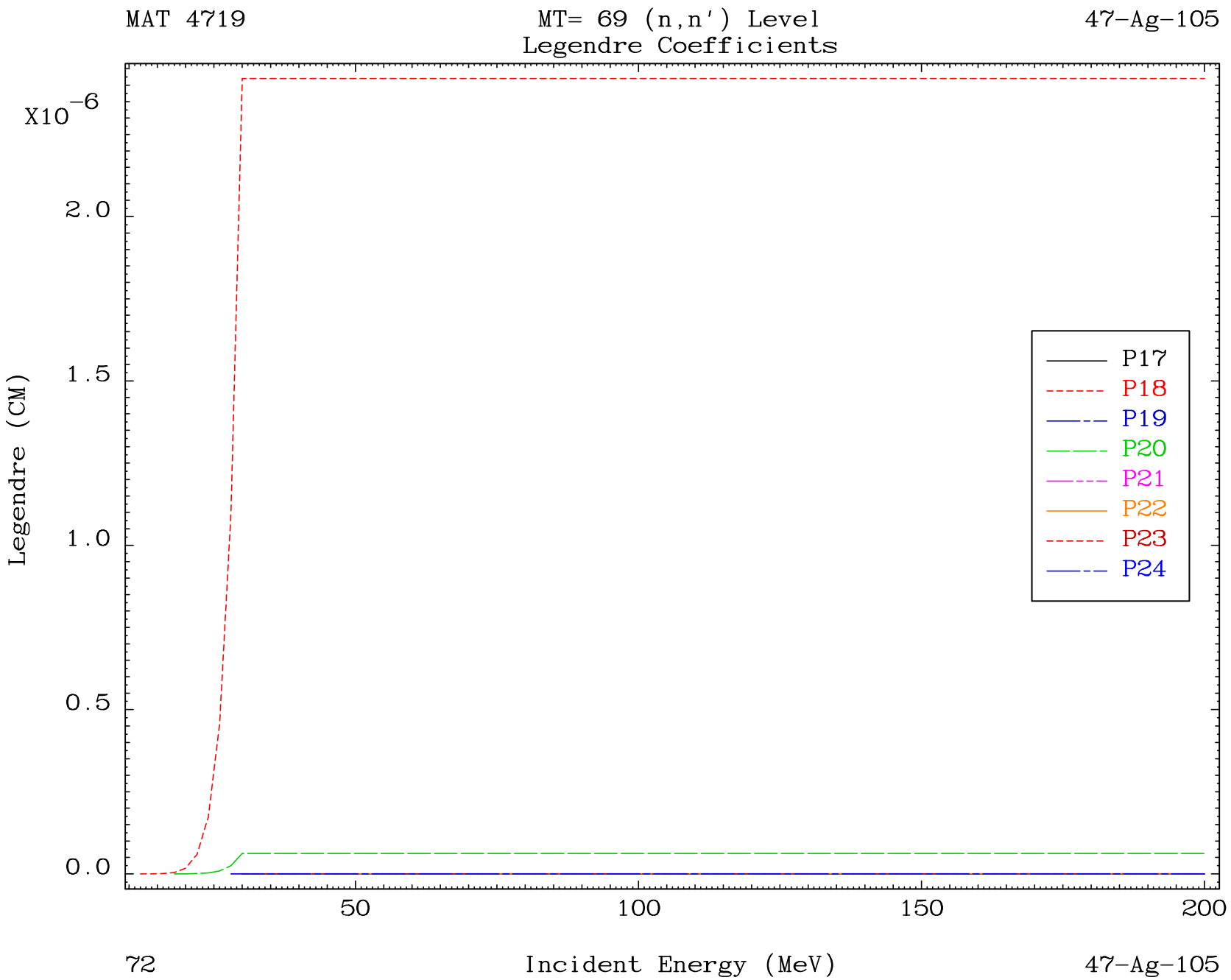

MAT 4719
MT= 68 (n,n') Level
Legendre Coefficients
47-Ag-105
0.12
0.08
0.04
0.00
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
0
50
100
150
200
67
Incident Energy (MeV)
47-Ag-105

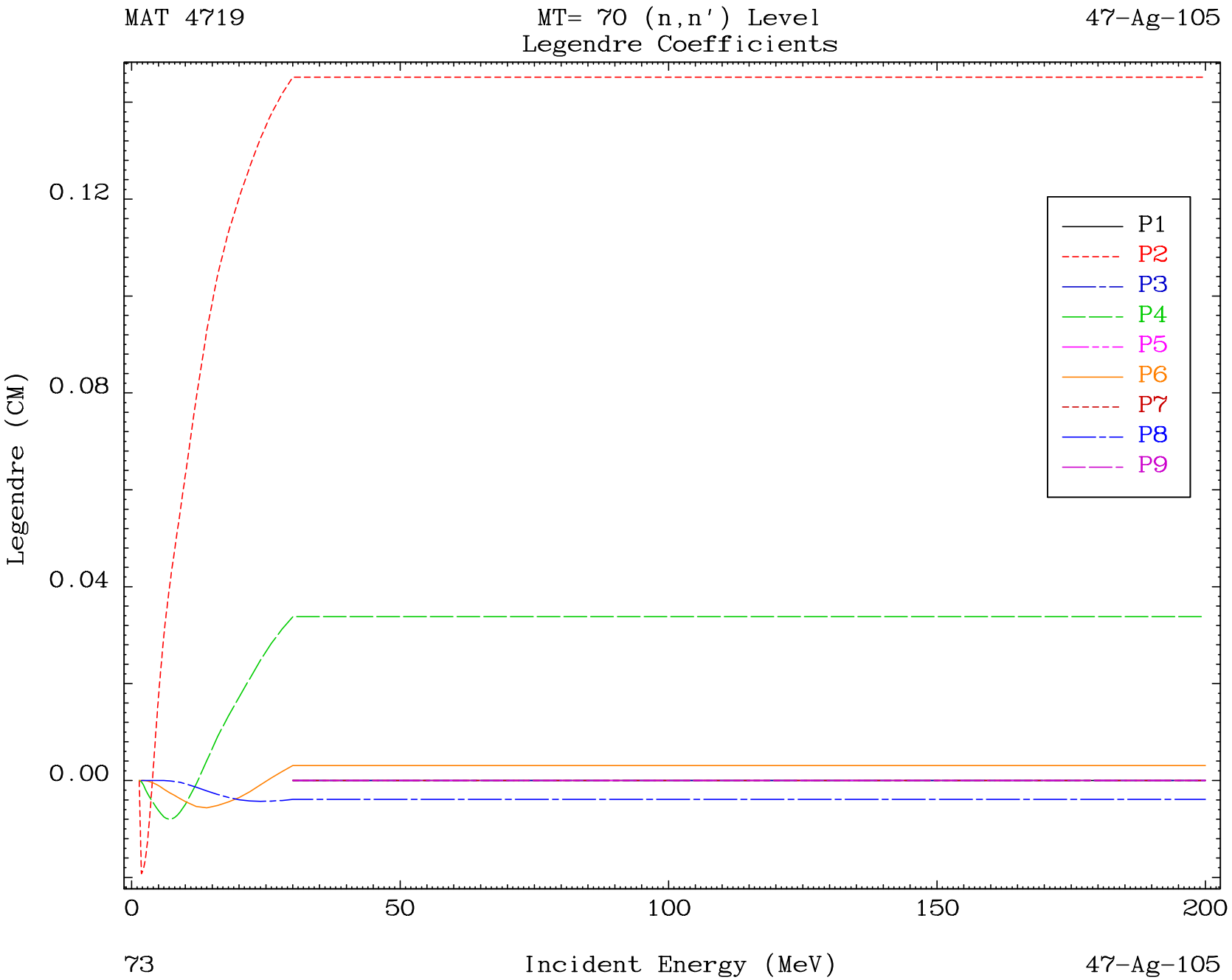

MAT 4719
MT= 68 (n,n') Level
Legendre Coefficients
47-Ag-105
0.000
-0.001
-0.002
-0.003
Legendre (CM)
0
50
100
150
200
68
Incident Energy (MeV)
47-Ag-105
P10
P11
P12
P13
P14
P15
P16
P17
P18

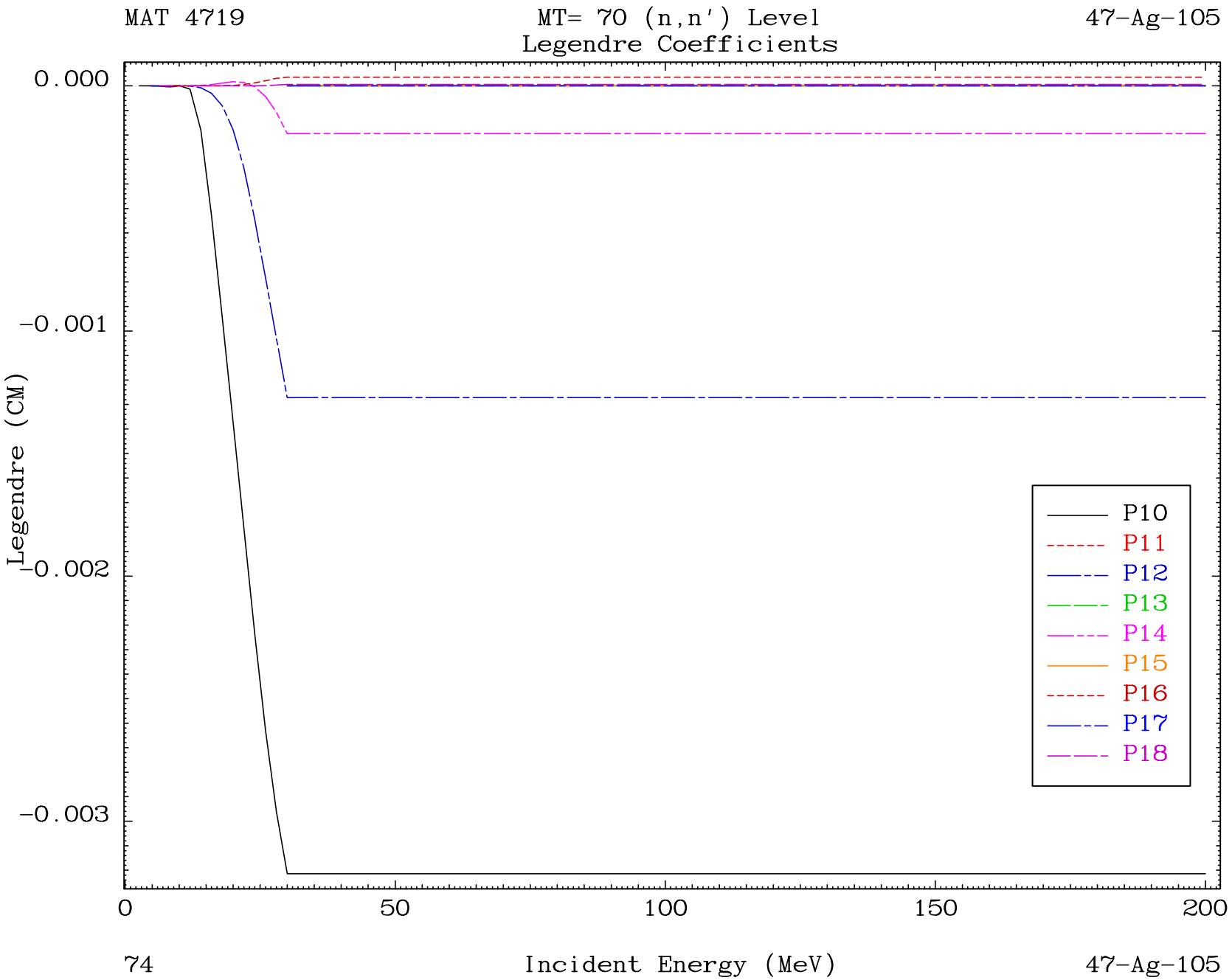

MAT 4719
MT= 68 (n,n') Level
Legendre Coefficients
47-Ag-105
X10-7
4
3
2
1
0
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
50
100
150
200
69
Incident Energy (MeV)
47-Ag-105

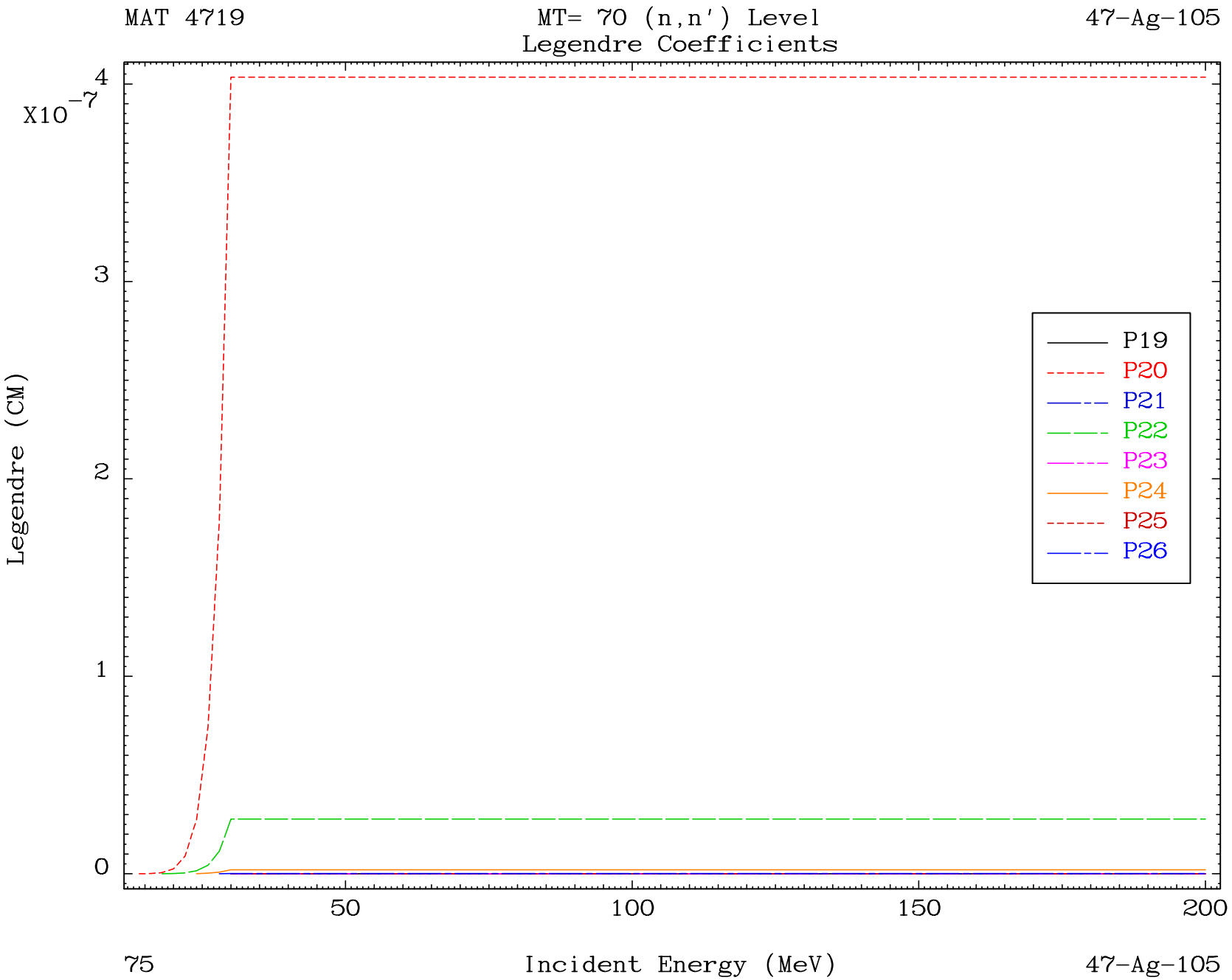

MAT 4719
MT= 69 (n,n') Level
Legendre Coefficients
47-Ag-105
0.10
0.08
0.06
0.04
0.02
0.00
-0.02
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
0
50
100
150
200
70
Incident Energy (MeV)
47-Ag-105

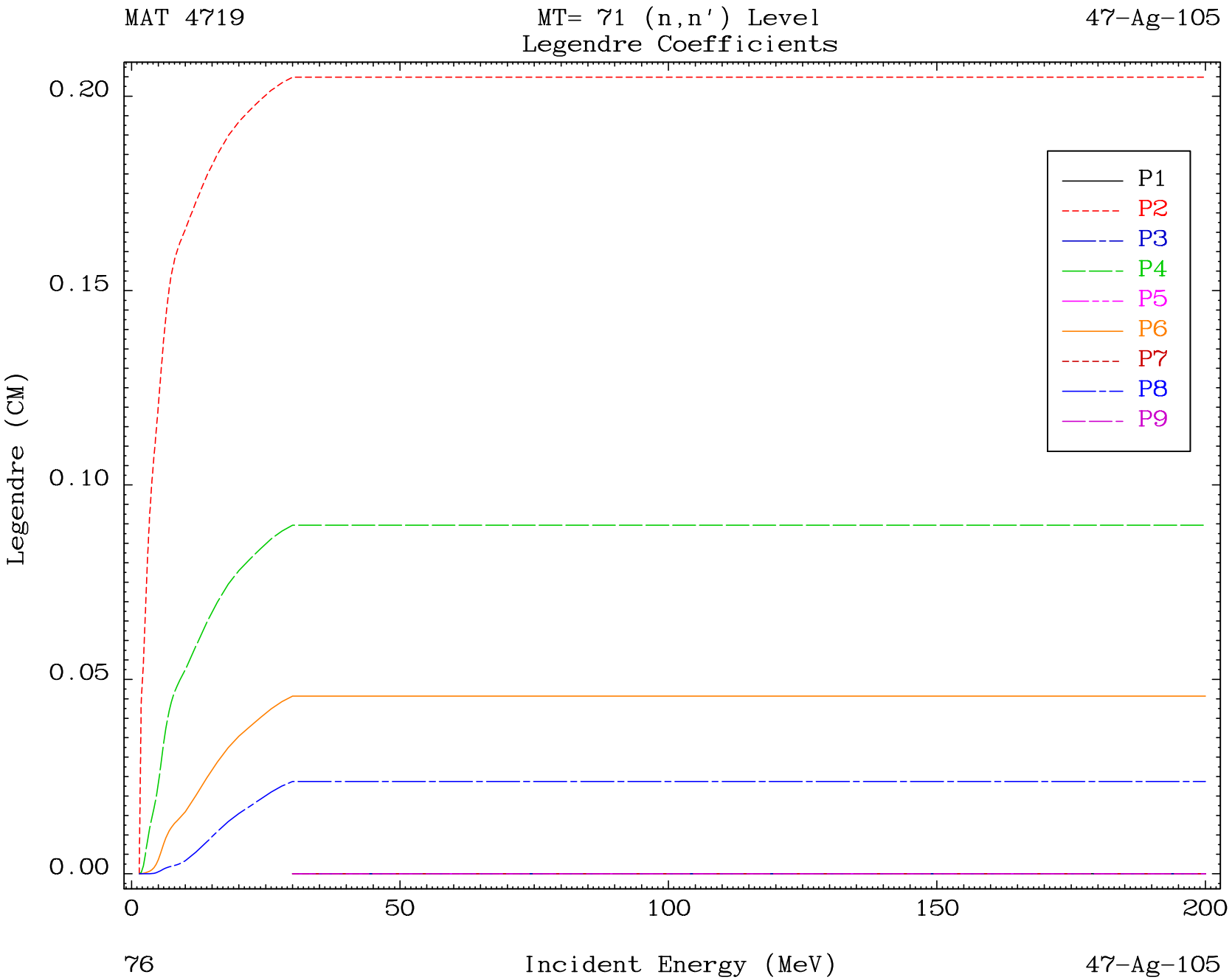

MAT 4719
MT= 69 (n,n') Level
Legendre Coefficients
47-Ag-105
X10^-4
4
0
-4
-8
Legendre (CM)
0
50
100
150
200
71
Incident Energy (MeV)
47-Ag-105
P9
P10
P11
P12
P13
P14
P15
P16

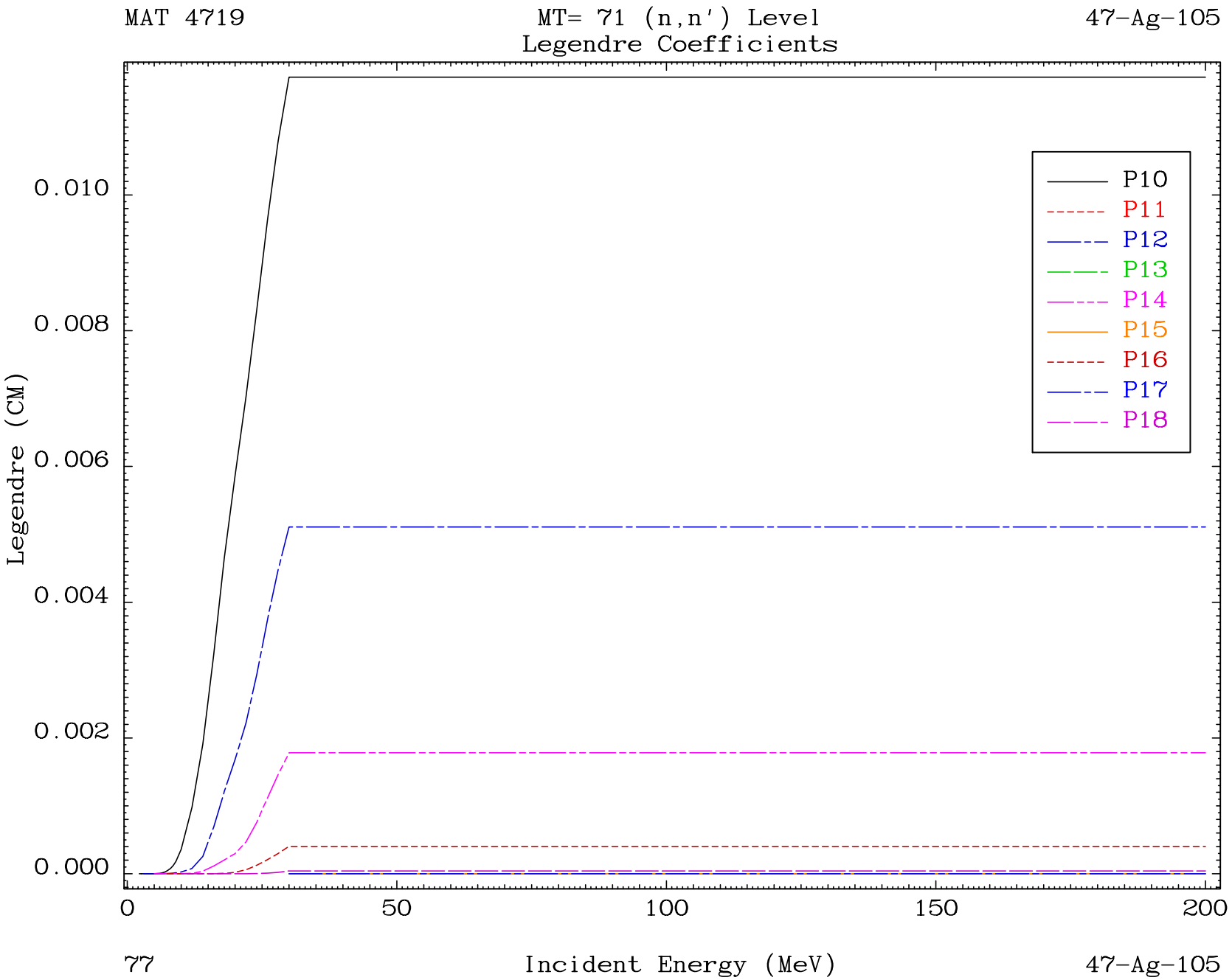

MAT 4719
MT= 69 (n,n') Level
Legendre Coefficients
47-Ag-105
X10^-6
2.0
1.5
1.0
0.5
0.0
Legendre (CM)
50
100
150
200
72
Incident Energy (MeV)
47-Ag-105
P17
P18
P19
P20
P21
P22
P23
P24

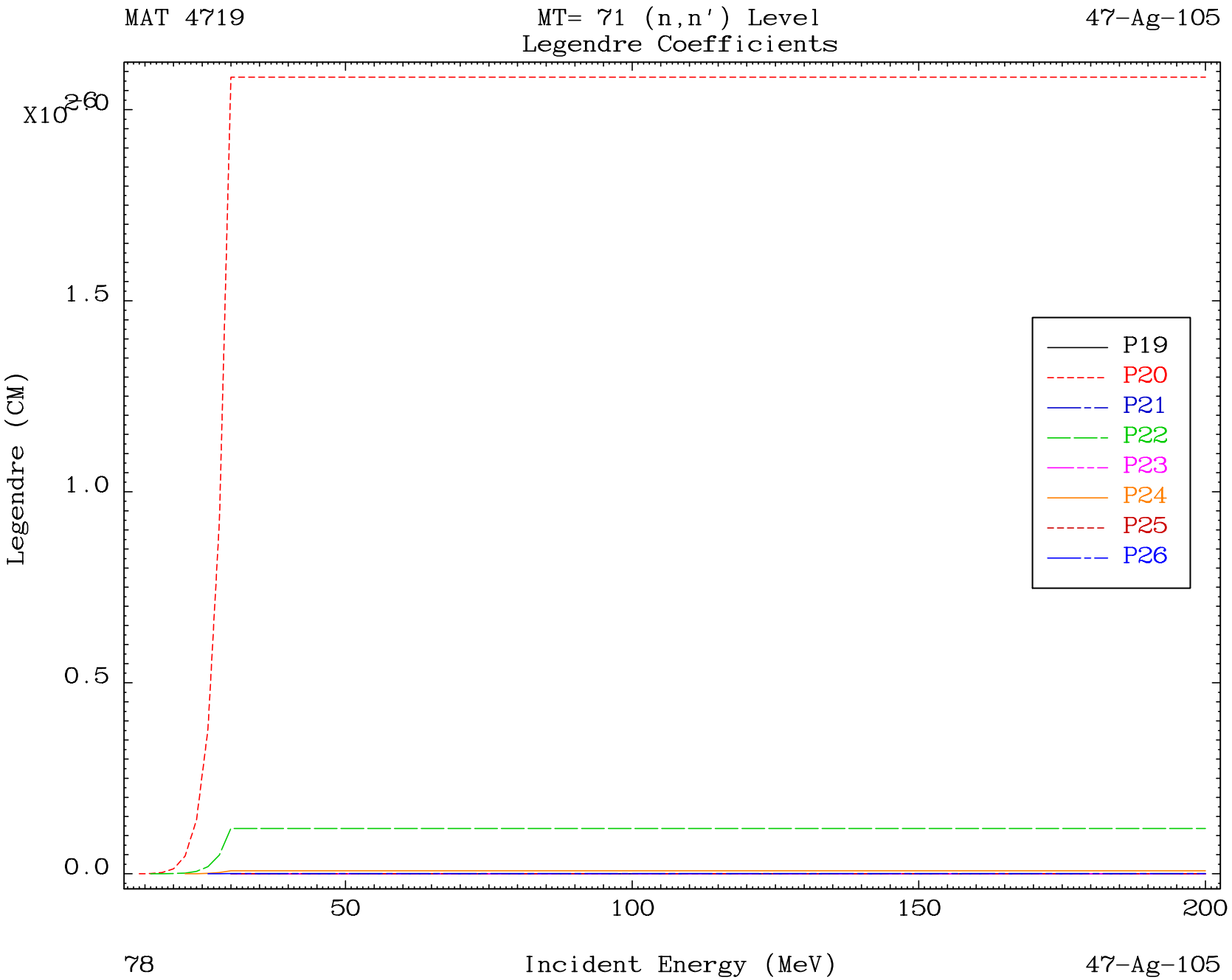

MAT 4719
MT= 70 (n,n') Level
Legendre Coefficients
47-Ag-105
0.12
0.08
0.04
0.00
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
0
50
100
150
200
73
Incident Energy (MeV)
47-Ag-105

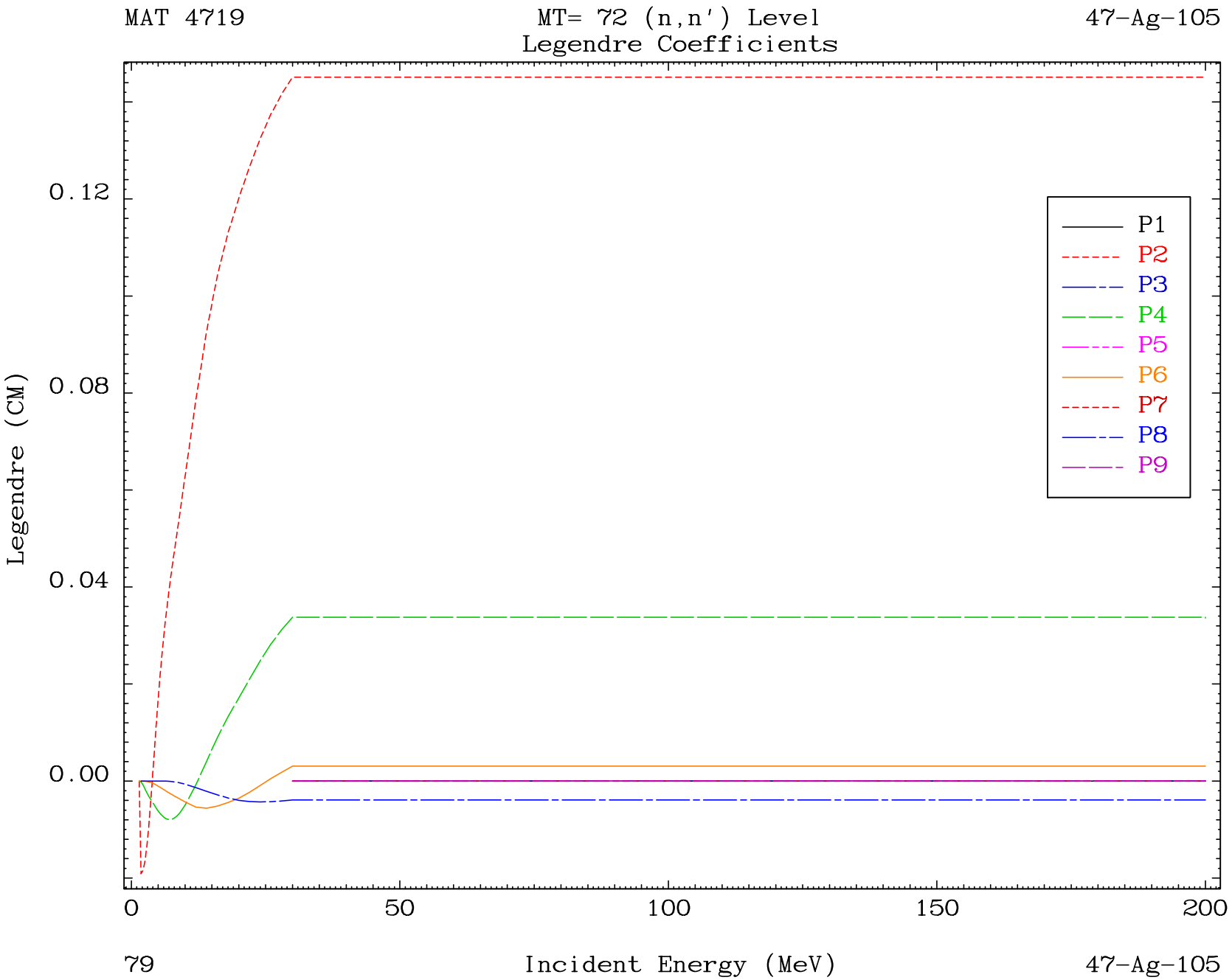

MAT 4719
MT= 70 (n,n') Level
Legendre Coefficients
47-Ag-105
0.000
-0.001
-0.002
-0.003
Legendre (CM)
0
50
100
150
200
74
Incident Energy (MeV)
47-Ag-105
P10
P11
P12
P13
P14
P15
P16
P17
P18

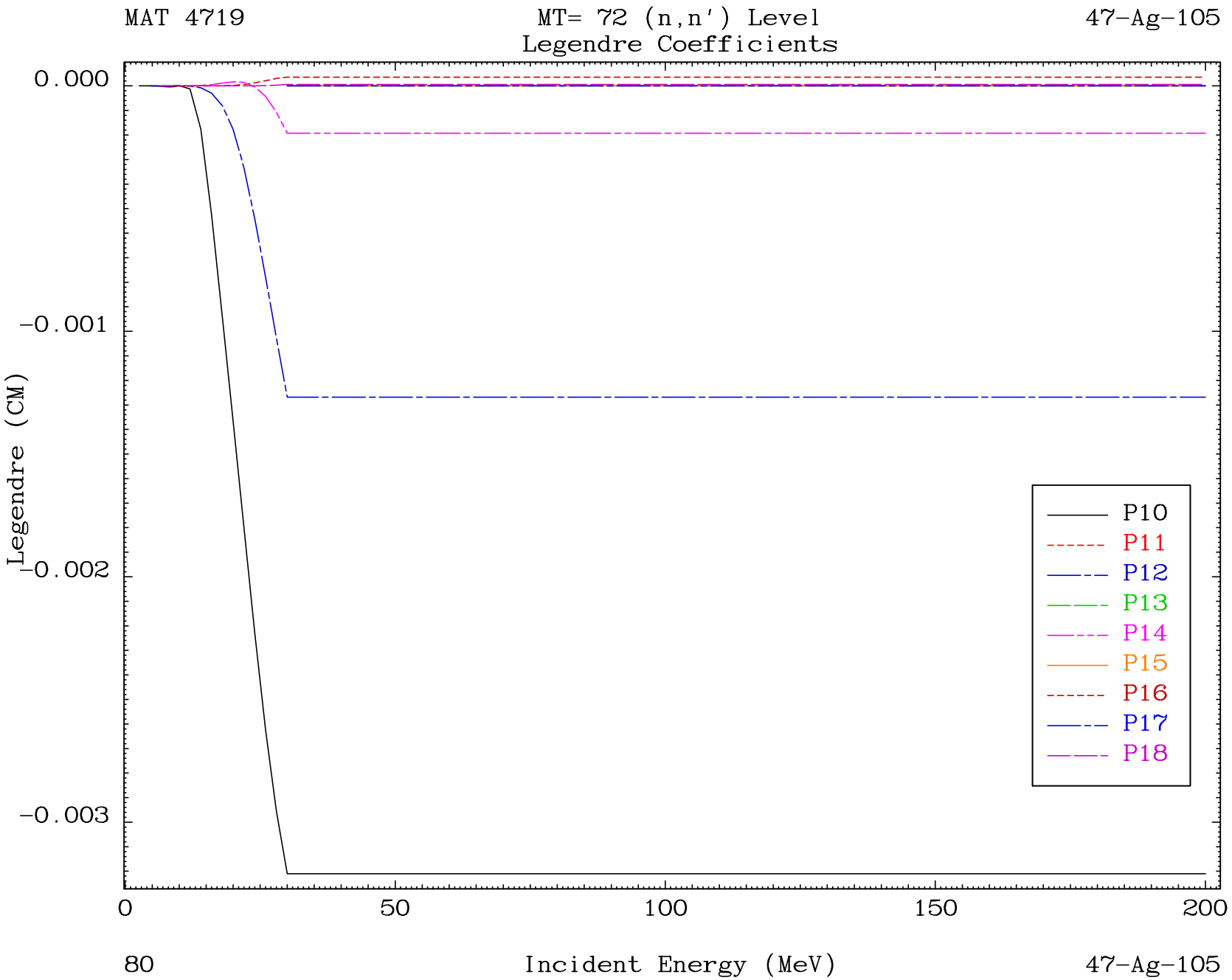

MAT 4719
MT= 70 (n,n') Level
Legendre Coefficients
47-Ag-105
X10^-7
4
3
2
1
0
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
50
100
150
200
75
Incident Energy (MeV)
47-Ag-105

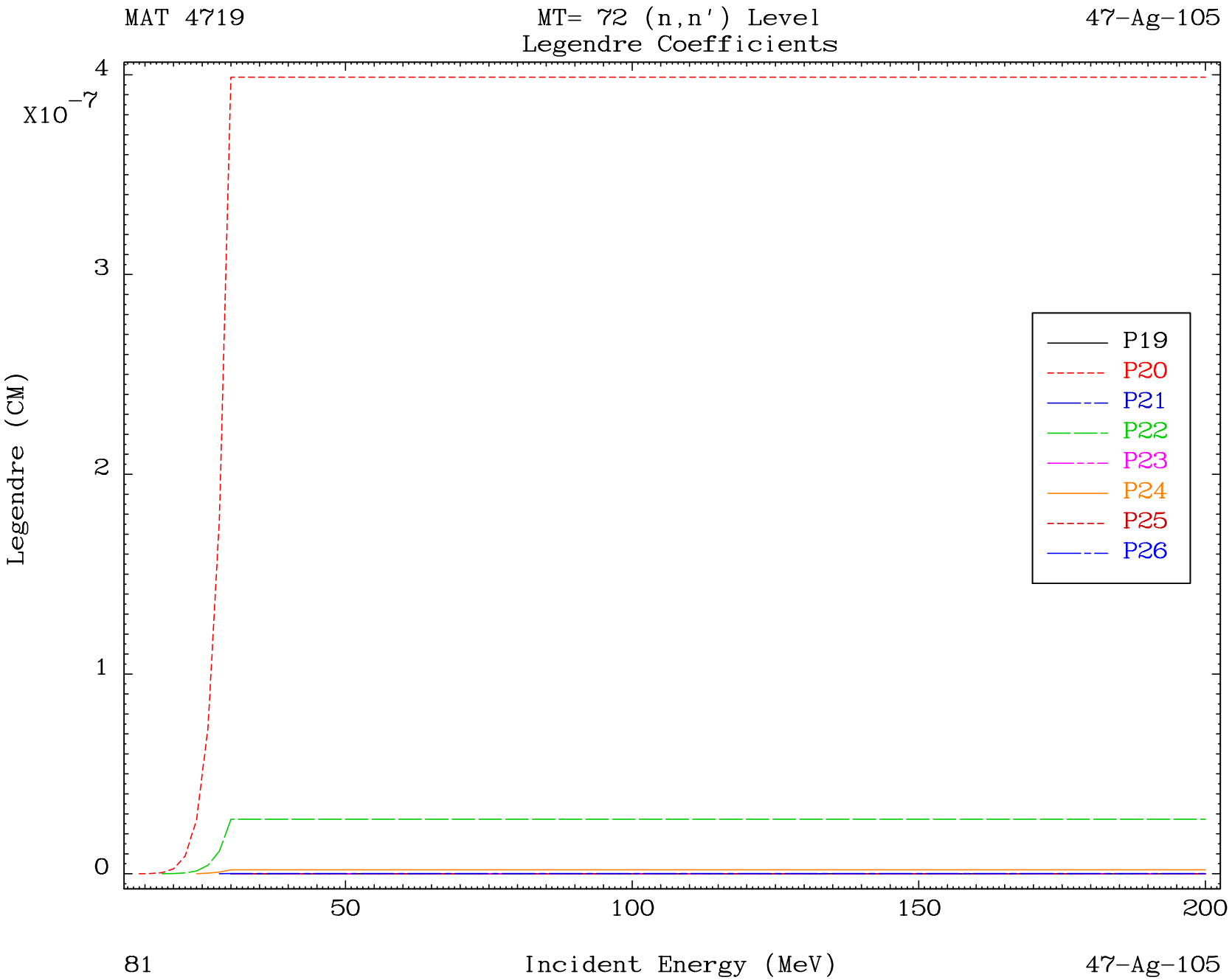

MAT 4719
MT= 71 (n,n') Level
Legendre Coefficients
47-Ag-105
0.20
0.15
0.10
0.05
0.00
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
0
50
100
150
200
76
Incident Energy (MeV)
47-Ag-105

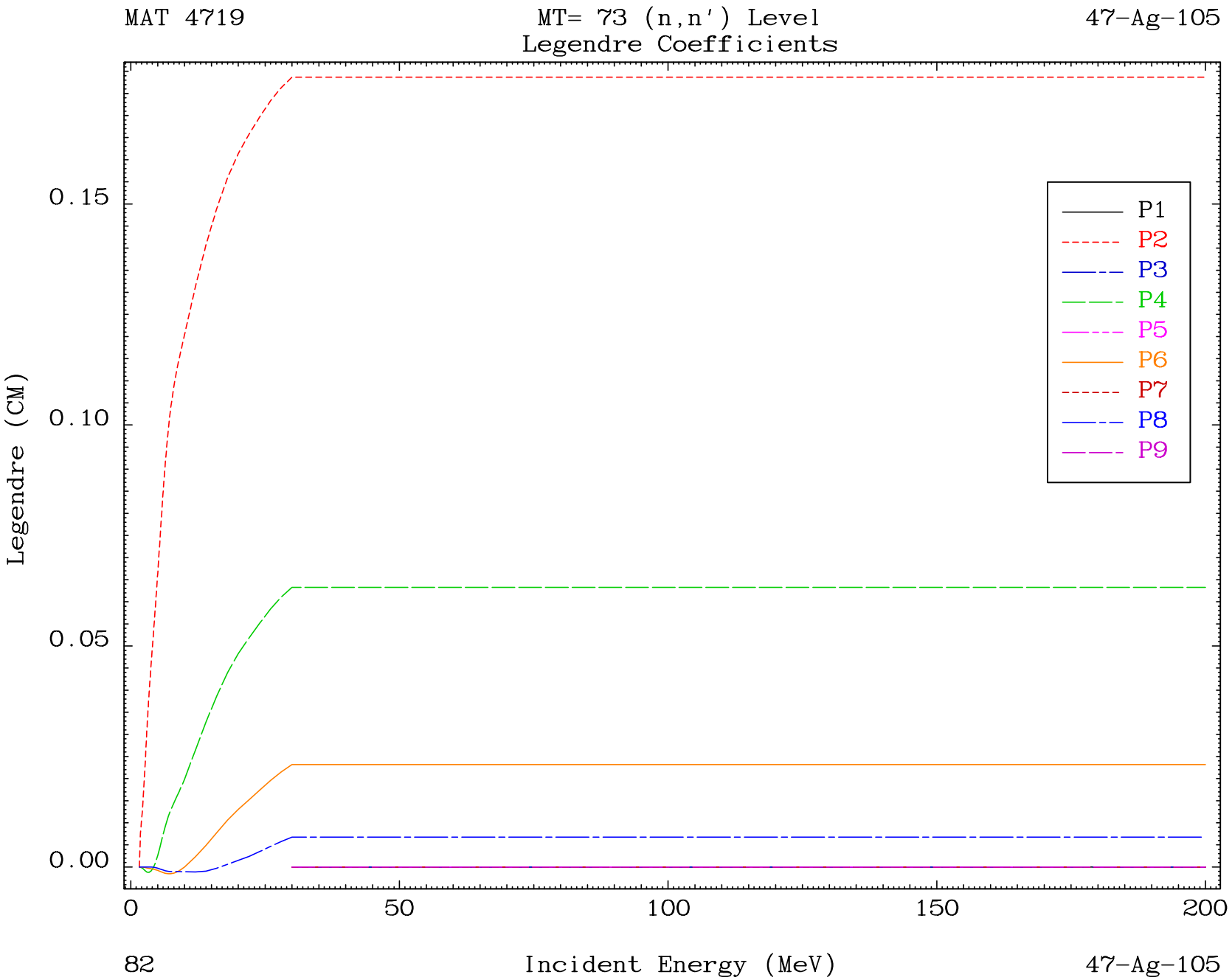

MAT 4719
MT= 71 (n,n') Level
Legendre Coefficients
47-Ag-105
0.010
0.008
0.006
0.004
0.002
0.000
Legendre (CM)
P10
P11
P12
P13
P14
P15
P16
P17
P18
0
50
100
150
200
77
Incident Energy (MeV)
47-Ag-105

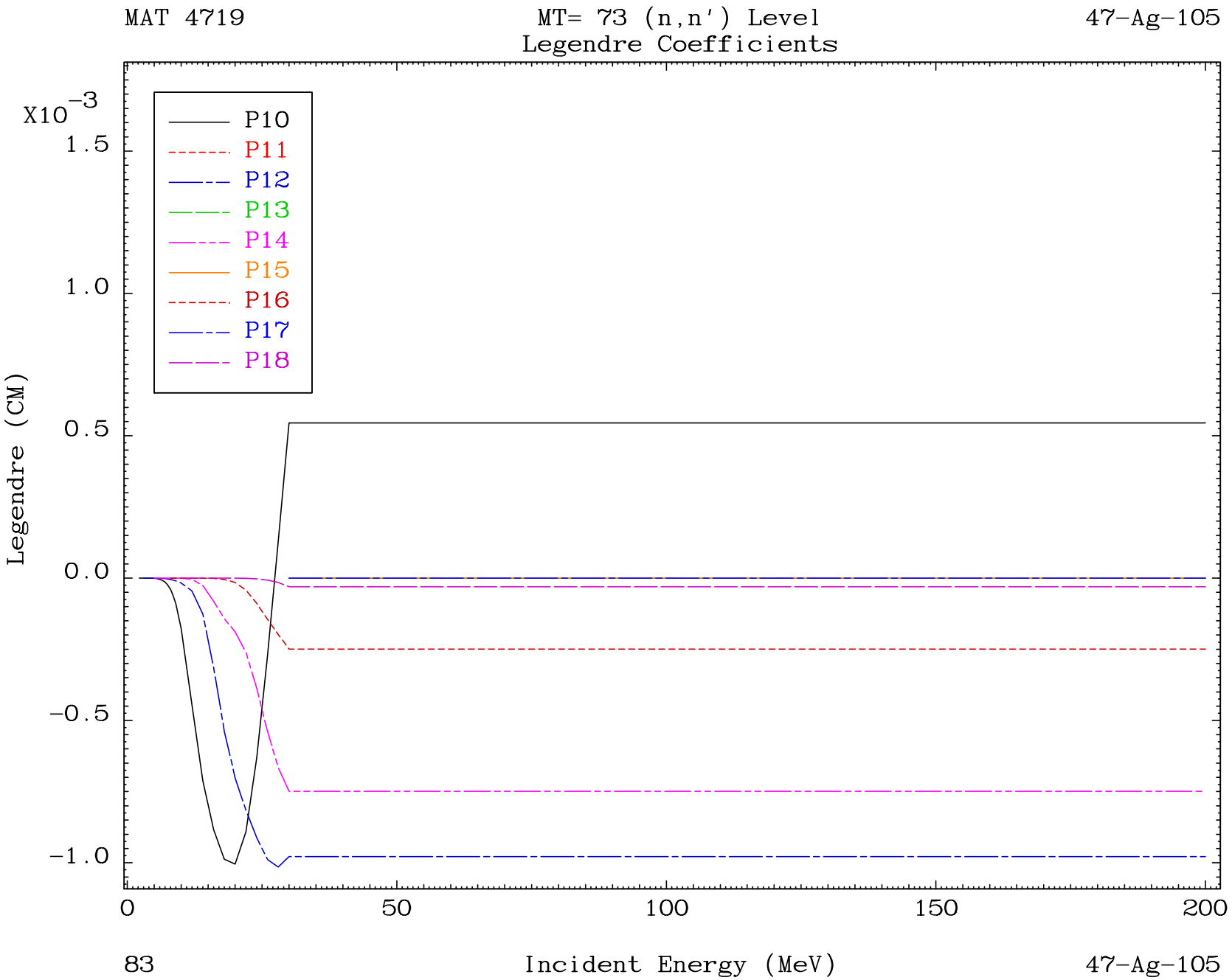

MAT 4719
MT= 71 (n,n') Level
Legendre Coefficients
47-Ag-105
X10-2
2.0
1.5
1.0
0.5
0.0
Legendre (CM)
50
100
150
200
78
Incident Energy (MeV)
47-Ag-105
P19
P20
P21
P22
P23
P24
P25
P26

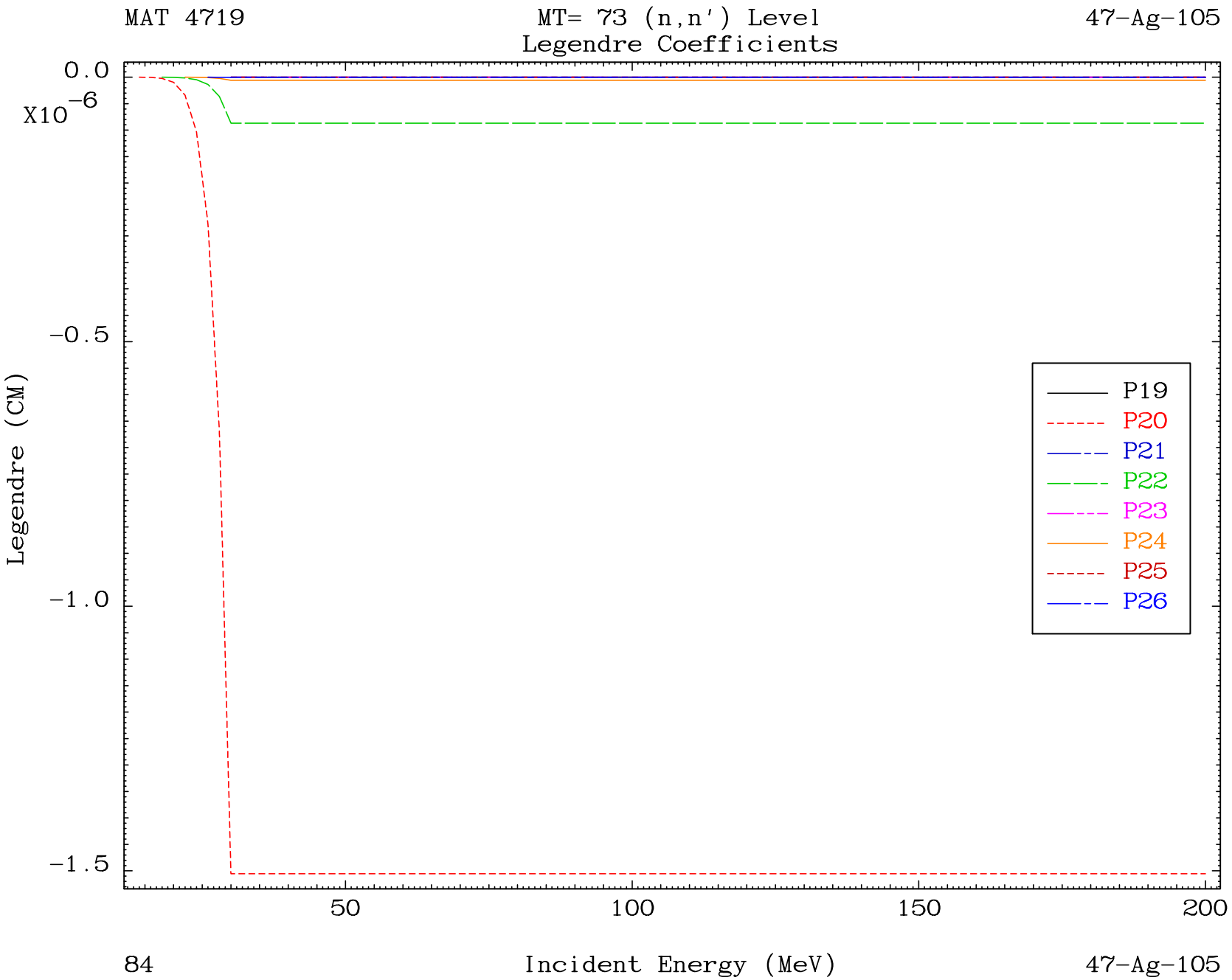

MAT 4719
MT= 72 (n,n') Level
Legendre Coefficients
47-Ag-105
0.12
0.08
0.04
0.00
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
0
50
100
150
200
79
Incident Energy (MeV)
47-Ag-105

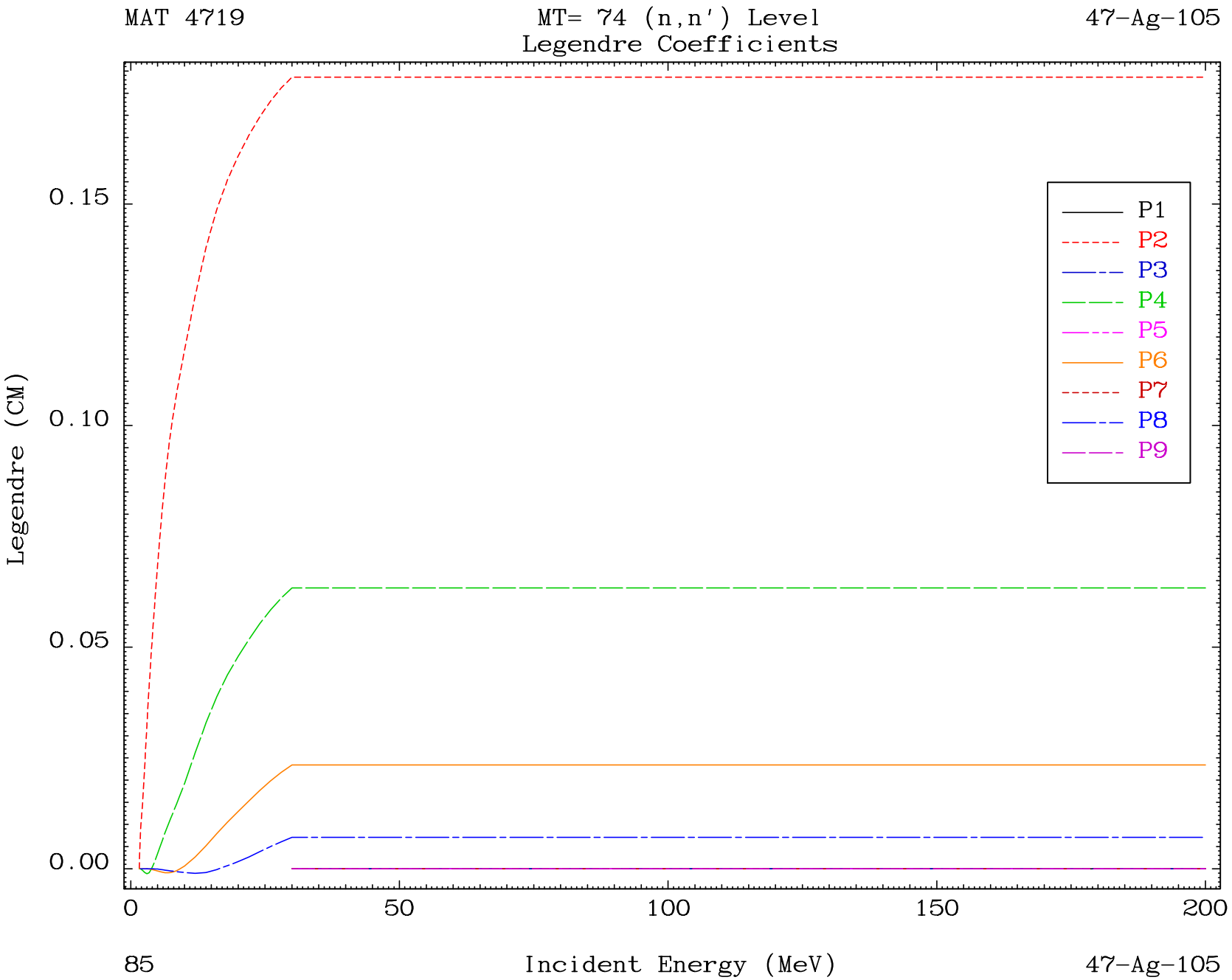

MAT 4719
MT= 72 (n,n') Level
Legendre Coefficients
47-Ag-105
0.000
-0.001
-0.002
-0.003
Legendre (CM)
0
50
100
150
200
80
Incident Energy (MeV)
47-Ag-105
P10
P11
P12
P13
P14
P15
P16
P17
P18

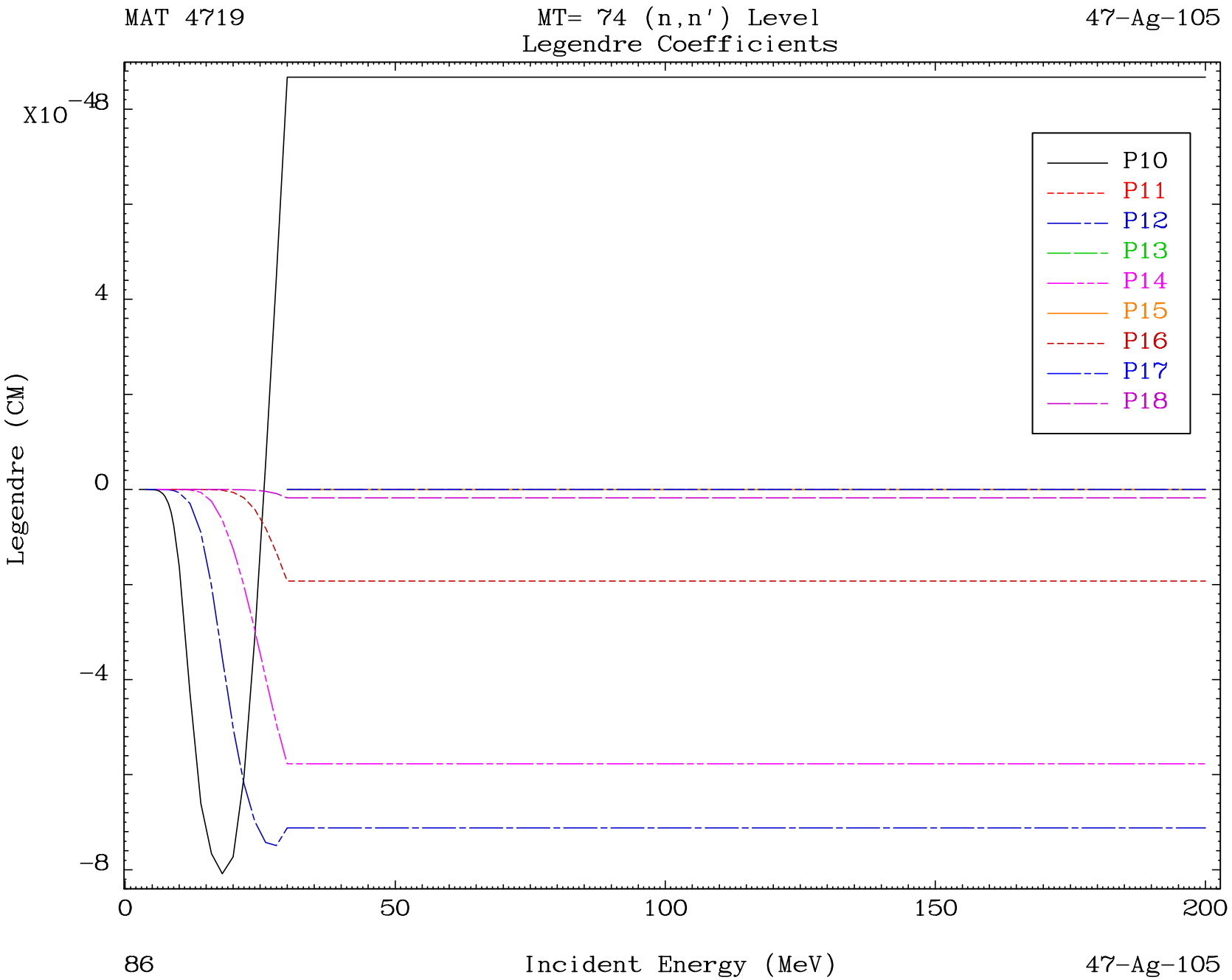

MAT 4719
MT= 72 (n,n') Level
Legendre Coefficients
47-Ag-105
X10^-7
4
3
2
1
0
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
50
100
150
200
81
Incident Energy (MeV)
47-Ag-105

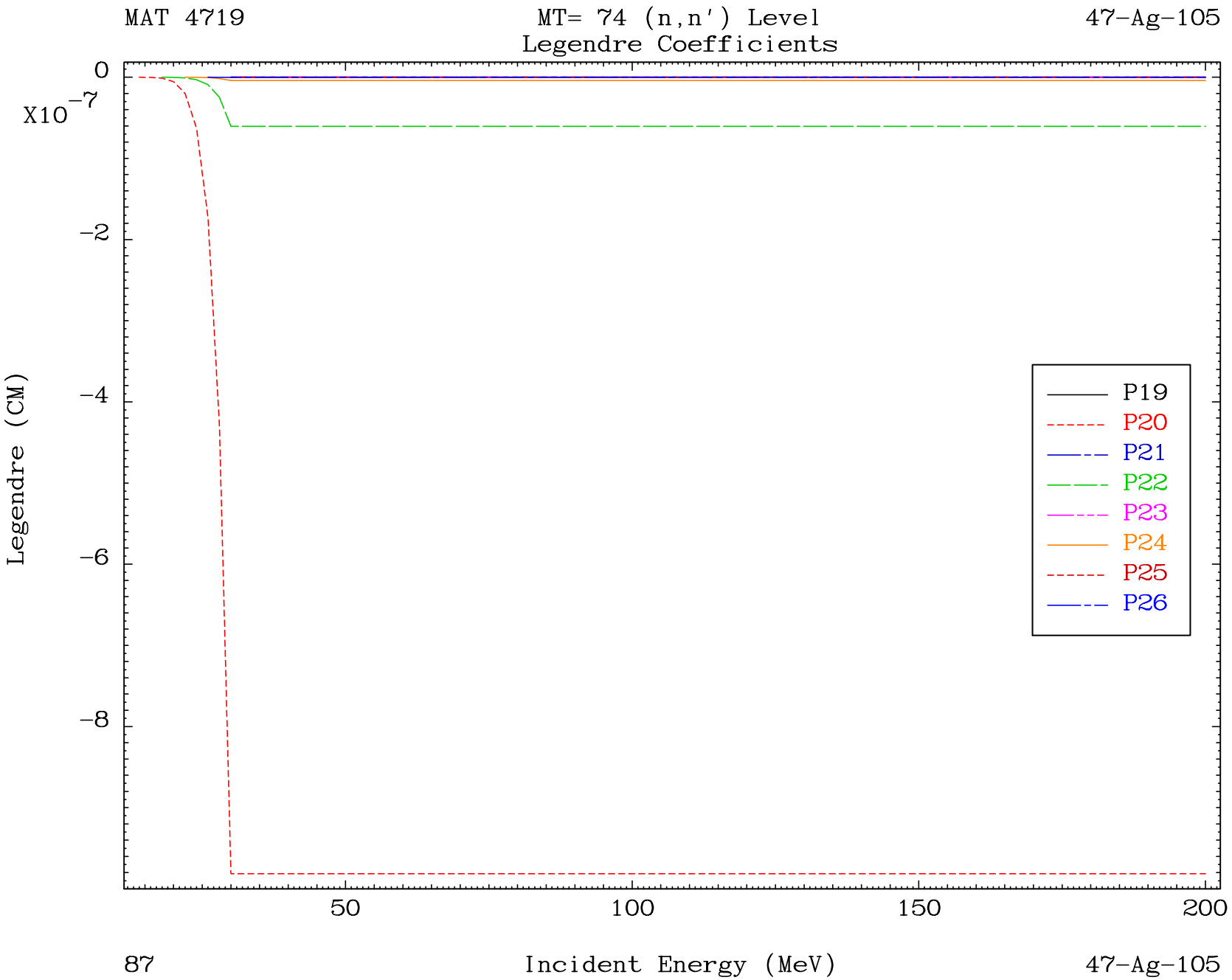

MAT 4719
MT= 73 (n,n') Level
Legendre Coefficients
47-Ag-105
Legendre (CM)
0.15
0.10
0.05
0.00
0
50
100
150
200
82
Incident Energy (MeV)
47-Ag-105
P1
P2
P3
P4
P5
P6
P7
P8
P9

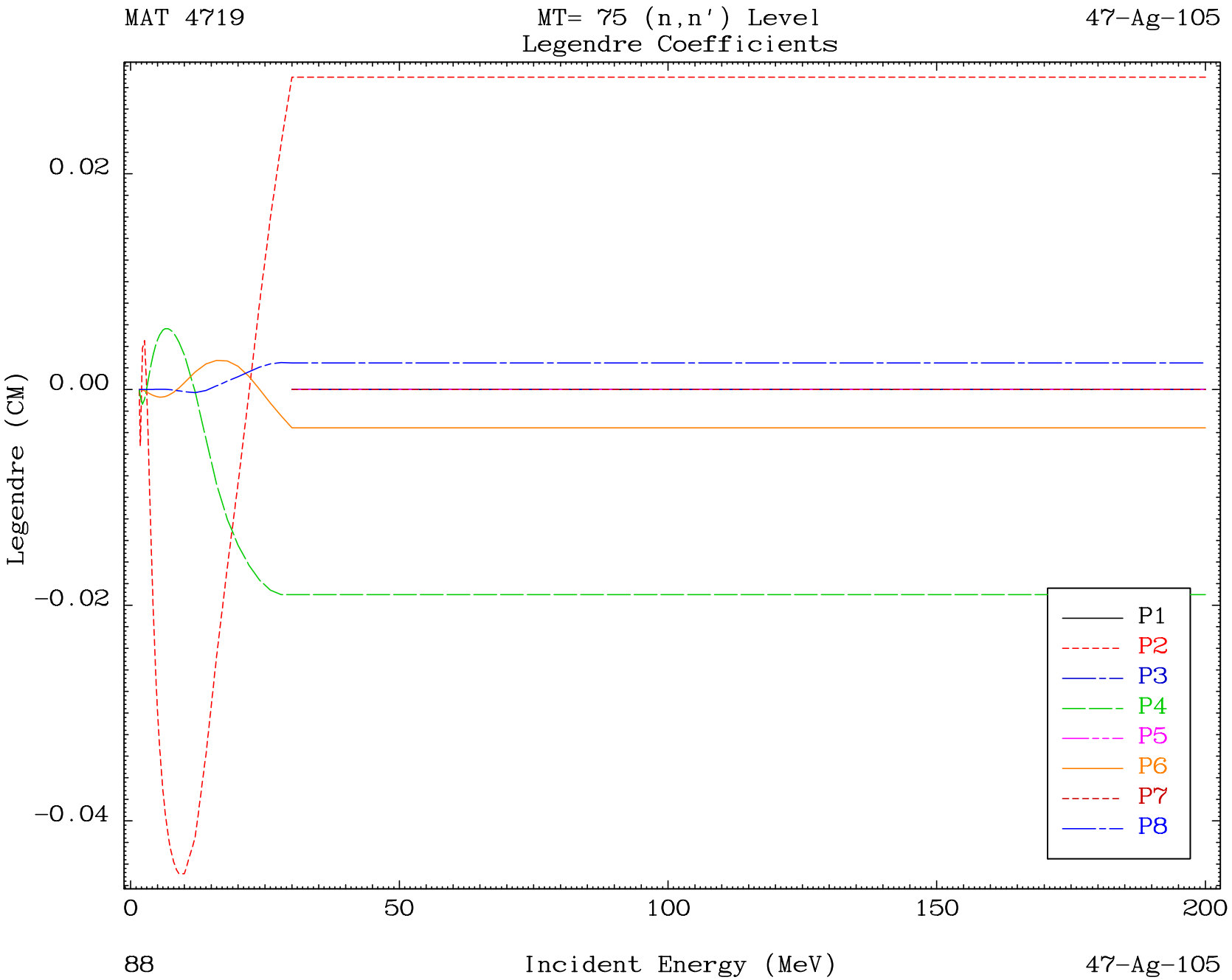

MAT 4719
MT= 73 (n,n') Level
Legendre Coefficients
47-Ag-105
X10^-3
1.5
1.0
0.5
0.0
-0.5
-1.0
Legendre (CM)
P10
P11
P12
P13
P14
P15
P16
P17
P18
0
50
100
150
200
83
Incident Energy (MeV)
47-Ag-105

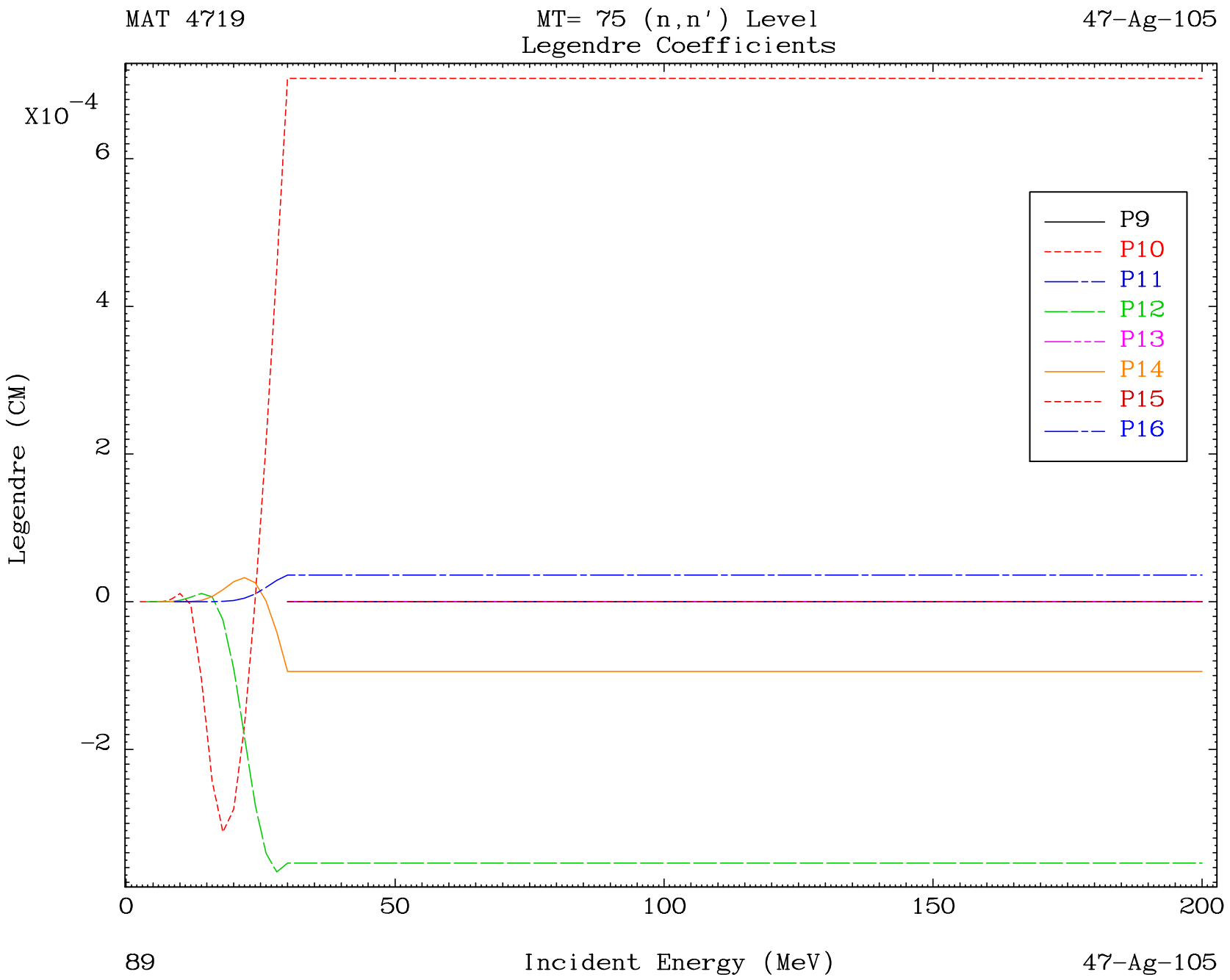

MAT 4719
MT= 73 (n,n') Level
Legendre Coefficients
47-Ag-105
0.0
X10^-6
-0.5
-1.0
-1.5
Legendre (CM)
50
100
150
200
84
Incident Energy (MeV)
47-Ag-105
P19
P20
P21
P22
P23
P24
P25
P26

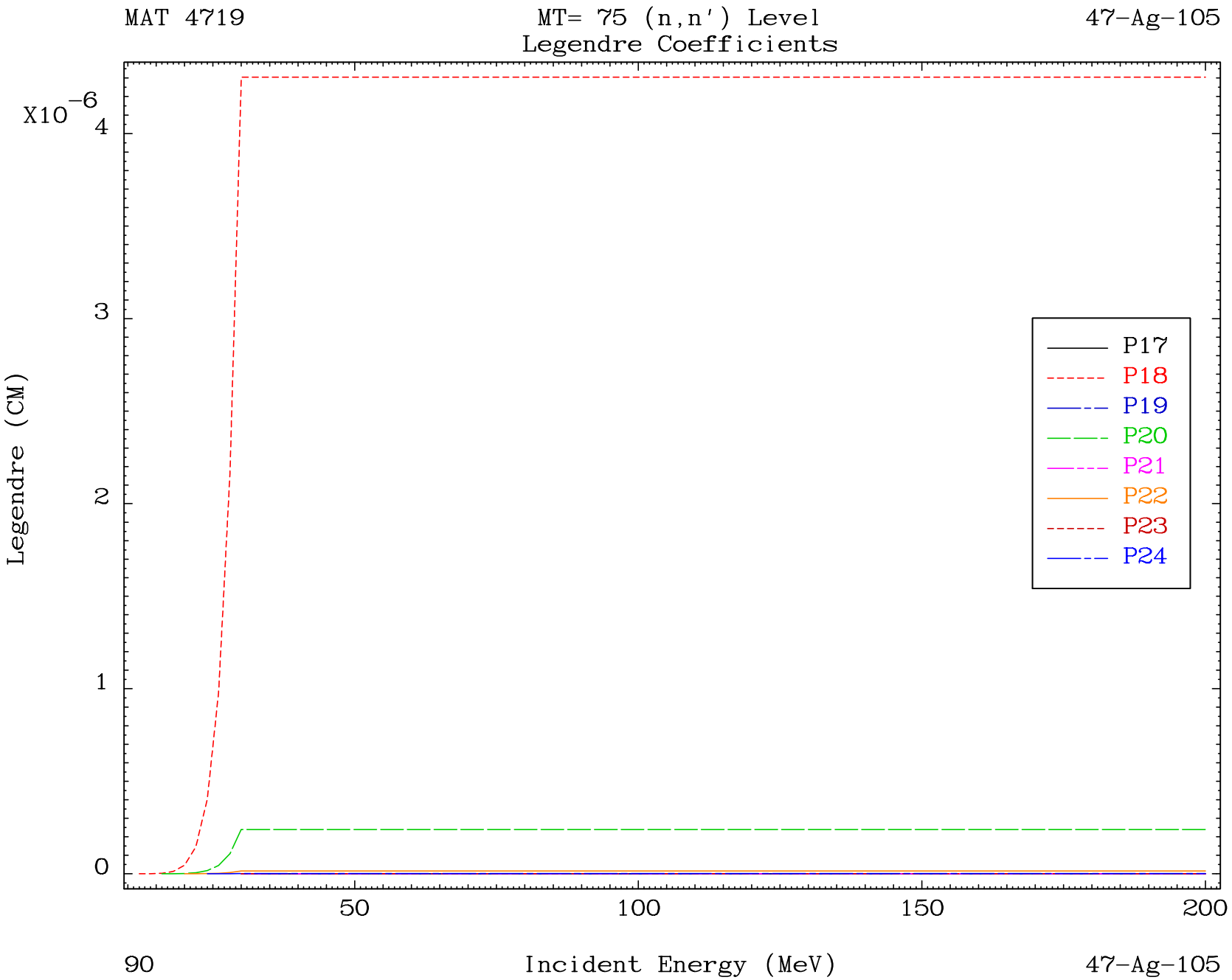

MAT 4719
MT= 74 (n,n') Level
Legendre Coefficients
47-Ag-105
Legendre (CM)
0.15
0.10
0.05
0.00
0
50
100
150
200
P1
P2
P3
P4
P5
P6
P7
P8
P9
85
Incident Energy (MeV)
47-Ag-105

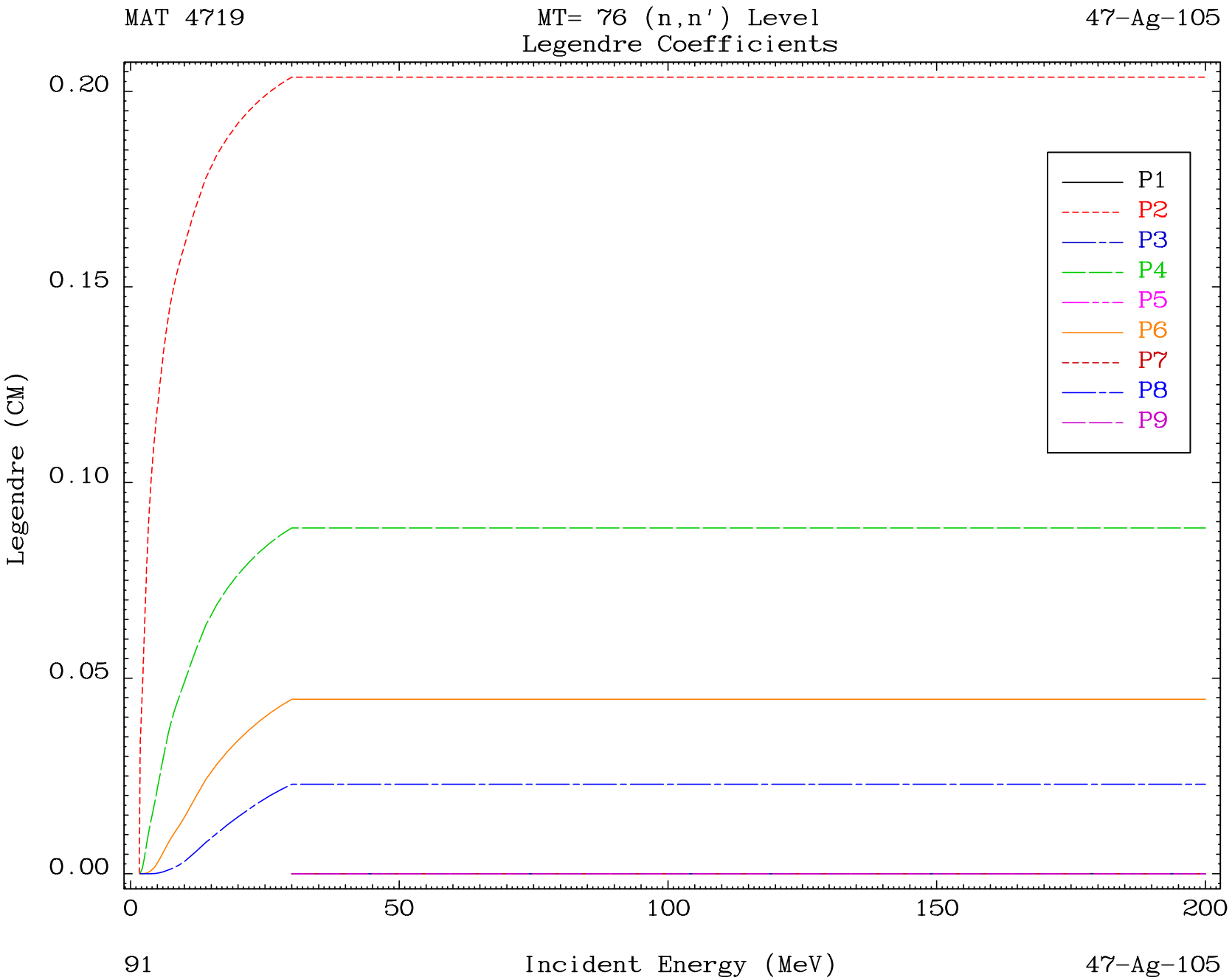

MAT 4719
MT= 74 (n,n') Level
Legendre Coefficients
47-Ag-105
X10^-48
4
0
-4
-8
Legendre (CM)
P10
P11
P12
P13
P14
P15
P16
P17
P18
0
50
100
150
200
86
Incident Energy (MeV)
47-Ag-105

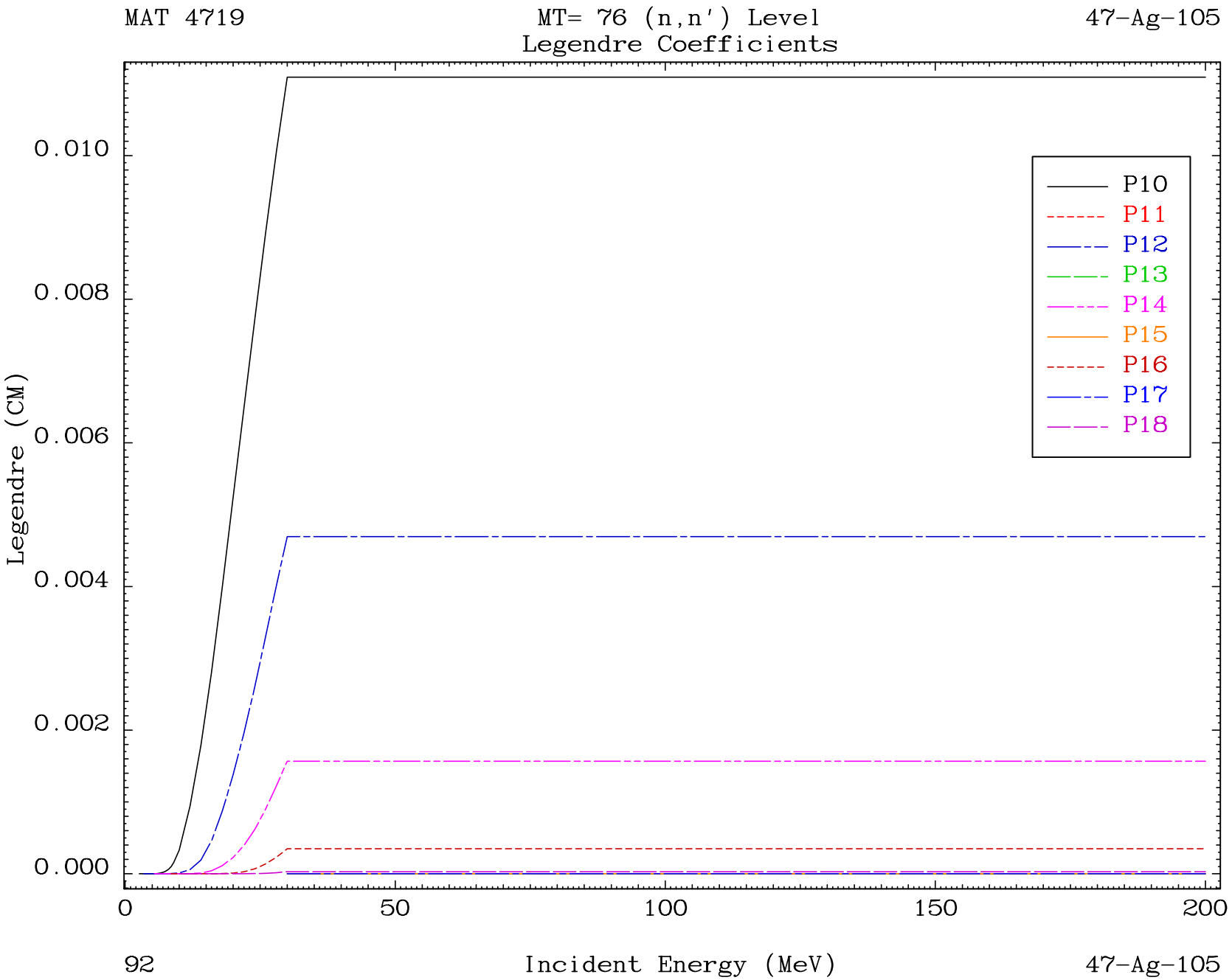

MAT 4719
MT= 74 (n,n') Level
Legendre Coefficients
47-Ag-105
0
X10-7
-2
-4
-6
-8
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
50
100
150
200
87
Incident Energy (MeV)
47-Ag-105

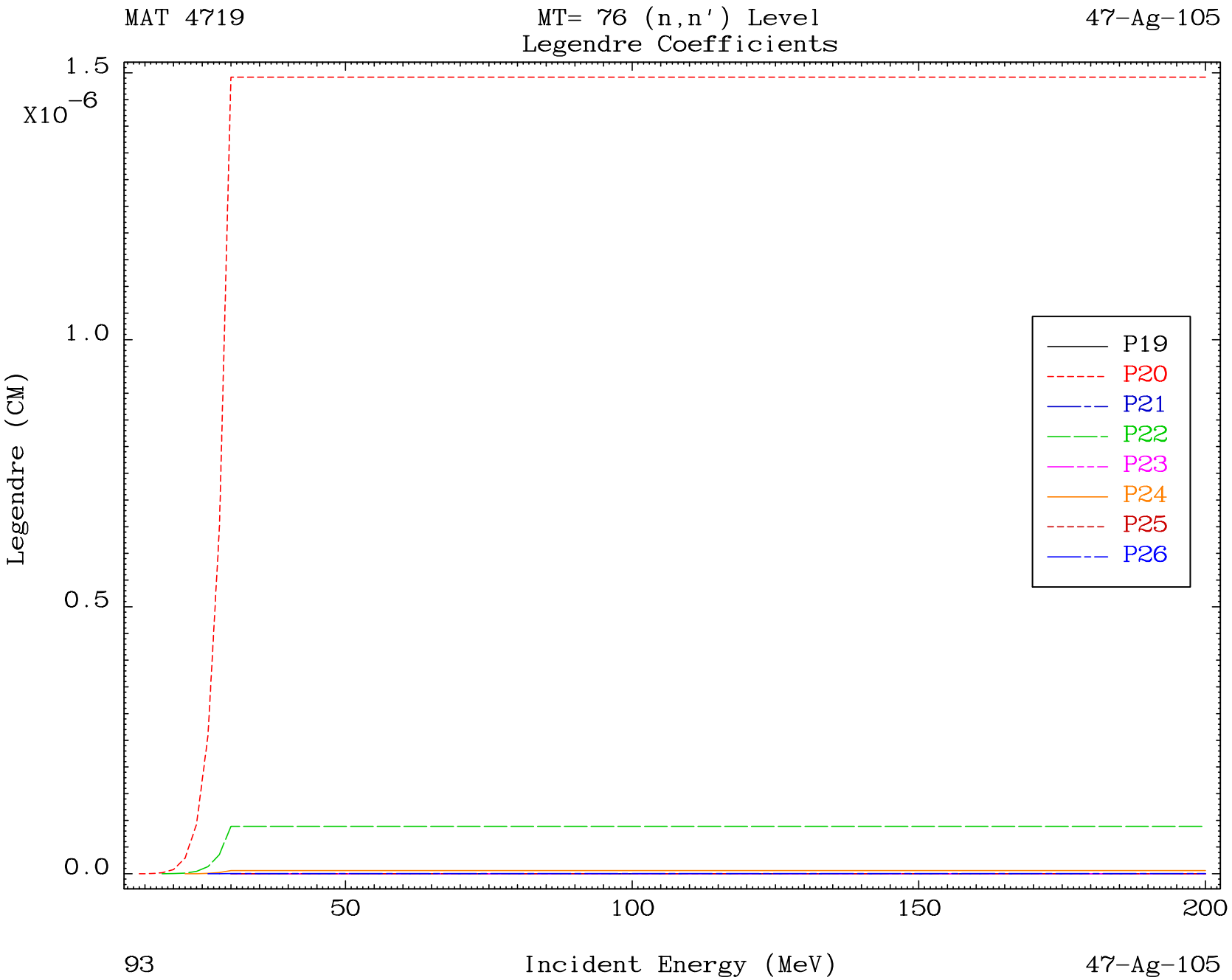

MAT 4719
MT= 75 (n,n') Level
Legendre Coefficients
47-Ag-105
0.02
0.00
-0.02
-0.04
Legendre (CM)
0
50
100
150
200
88
Incident Energy (MeV)
47-Ag-105
P1
P2
P3
P4
P5
P6
P7
P8

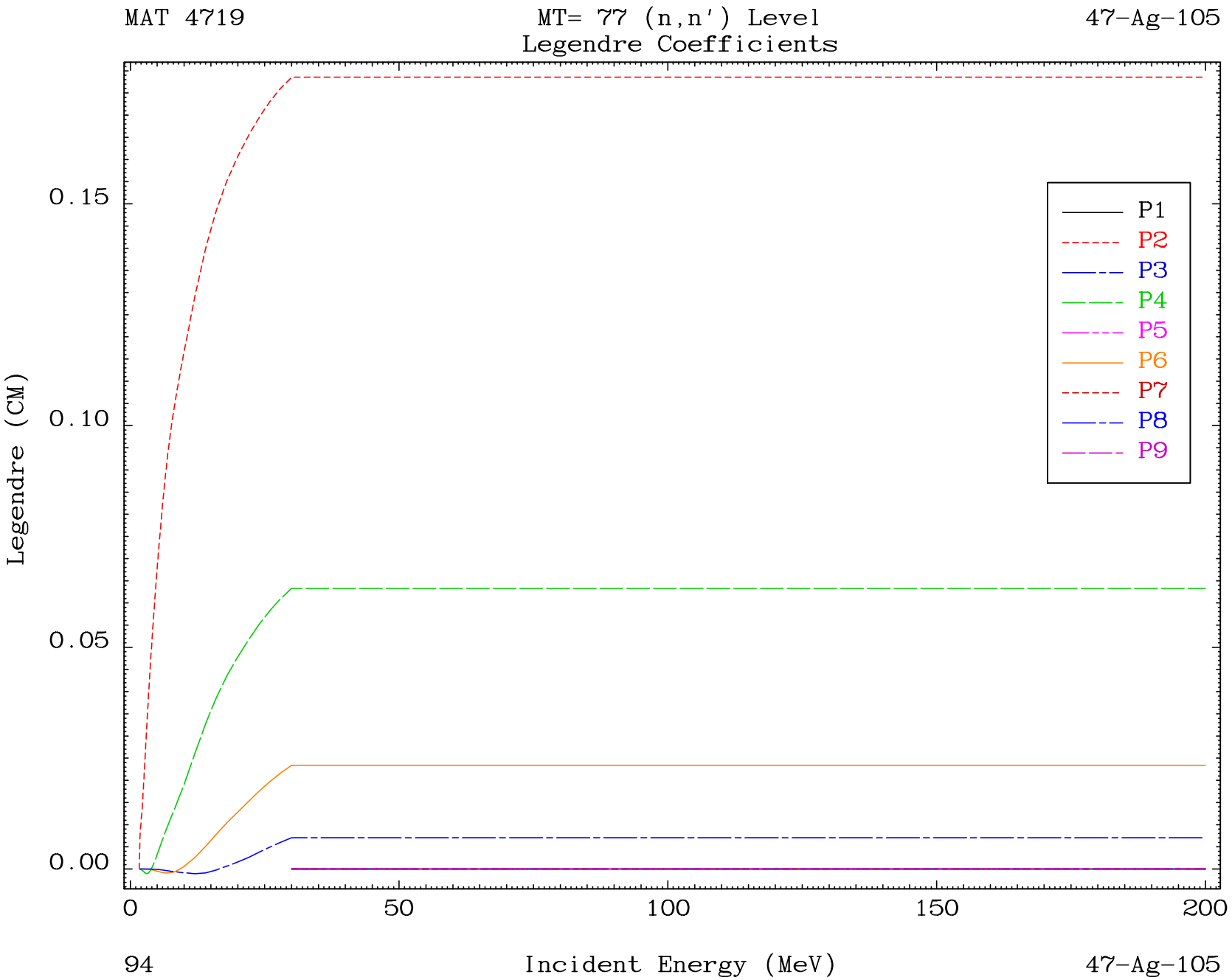

MAT 4719
MT= 75 (n,n') Level
Legendre Coefficients
47-Ag-105
X10^-4
6
4
2
0
-2
Legendre (CM)
P9
P10
P11
P12
P13
P14
P15
P16
0
50
100
150
200
89
Incident Energy (MeV)
47-Ag-105

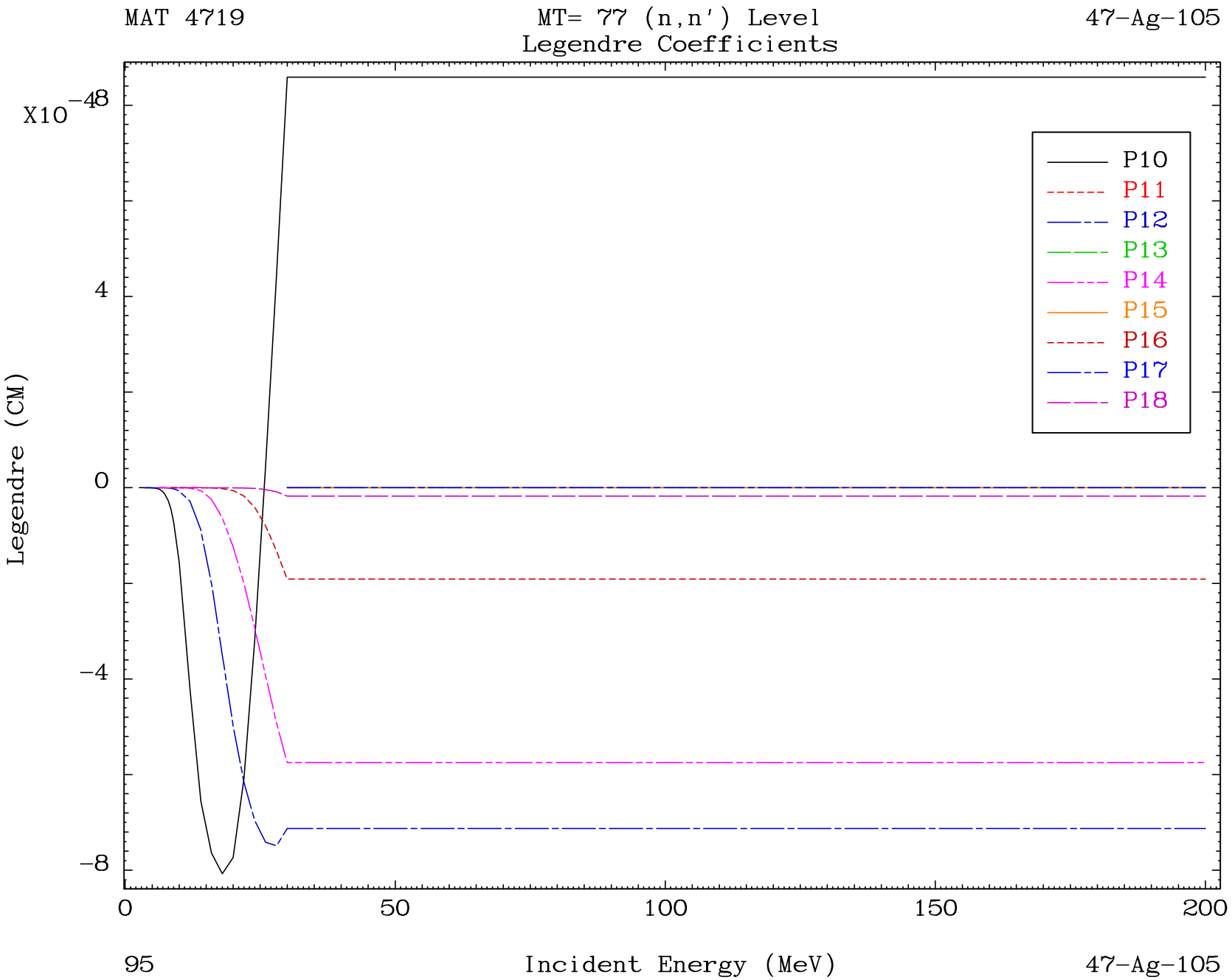

MAT 4719
MT= 75 (n,n') Level
Legendre Coefficients
47-Ag-105
X10 -6
4
3
2
1
0
Legendre (CM)
P17
P18
P19
P20
P21
P22
P23
P24
50
100
150
200
90
Incident Energy (MeV)
47-Ag-105

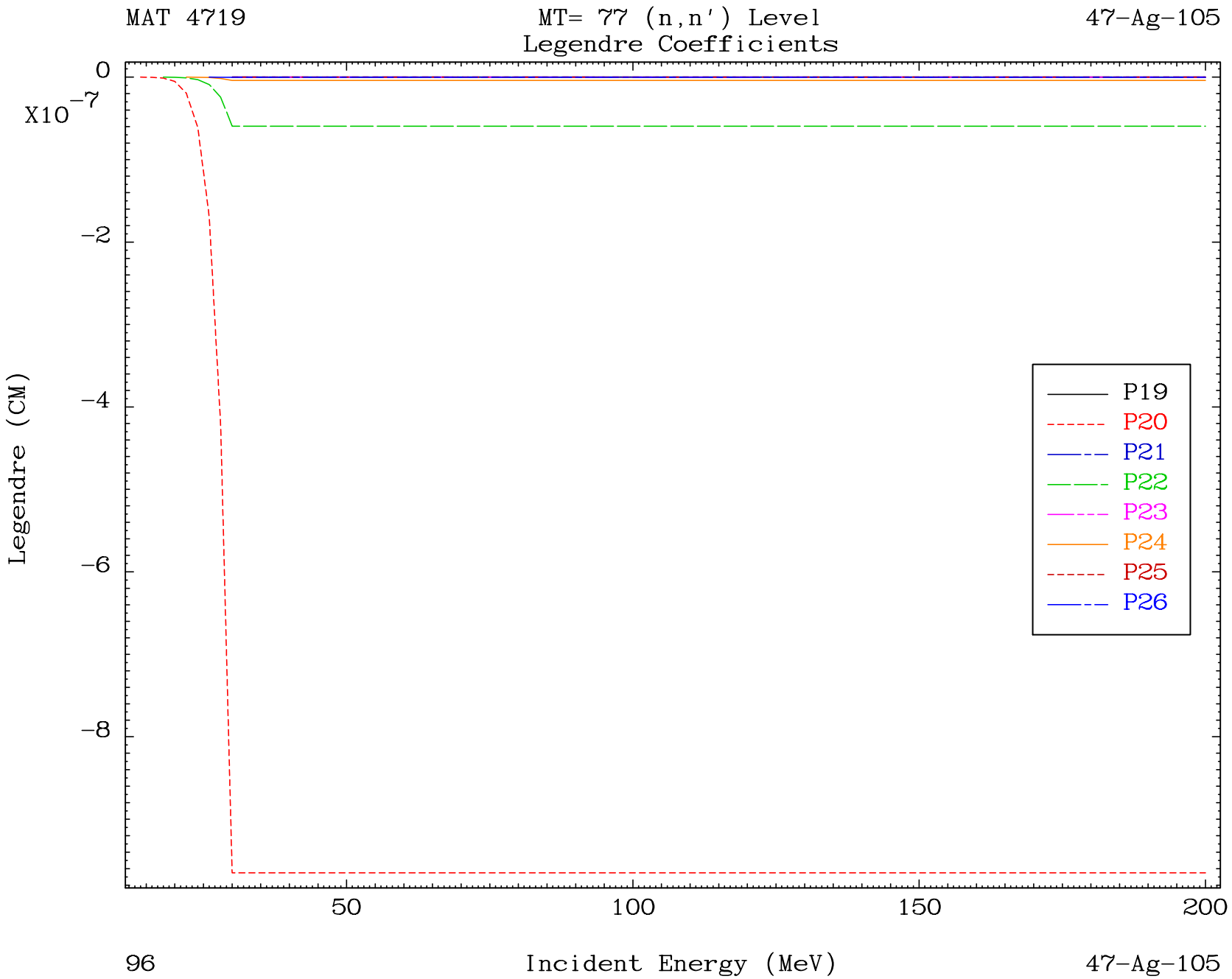

MAT 4719
MT= 76 (n,n') Level
Legendre Coefficients
47-Ag-105
0.20
0.15
0.10
0.05
0.00
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
0
50
100
150
200
91
Incident Energy (MeV)
47-Ag-105

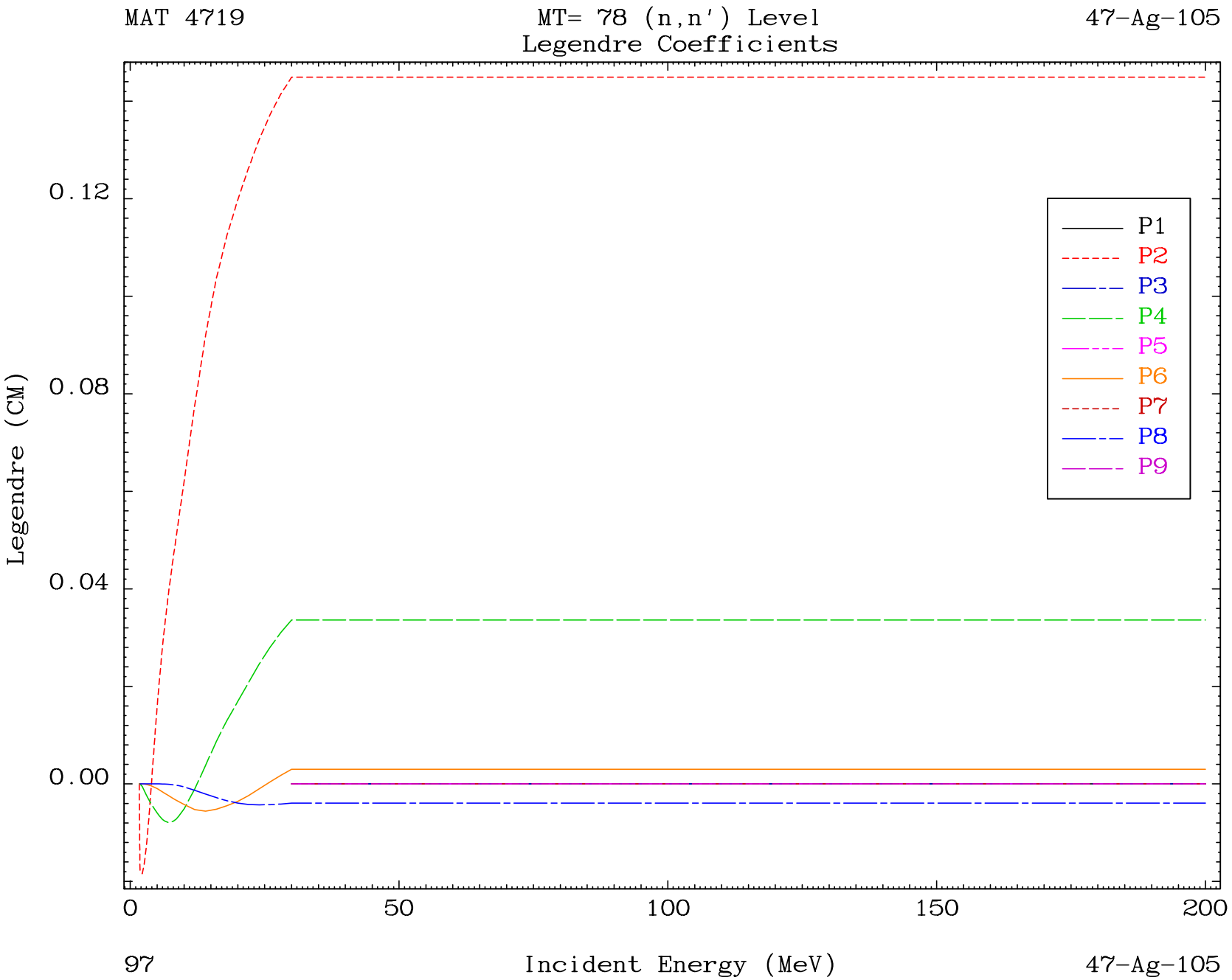

MAT 4719
MT= 76 (n,n') Level
Legendre Coefficients
47-Ag-105
0.010
0.008
0.006
0.004
0.002
0.000
Legendre (CM)
P10
P11
P12
P13
P14
P15
P16
P17
P18
0
50
100
150
200
92
Incident Energy (MeV)
47-Ag-105

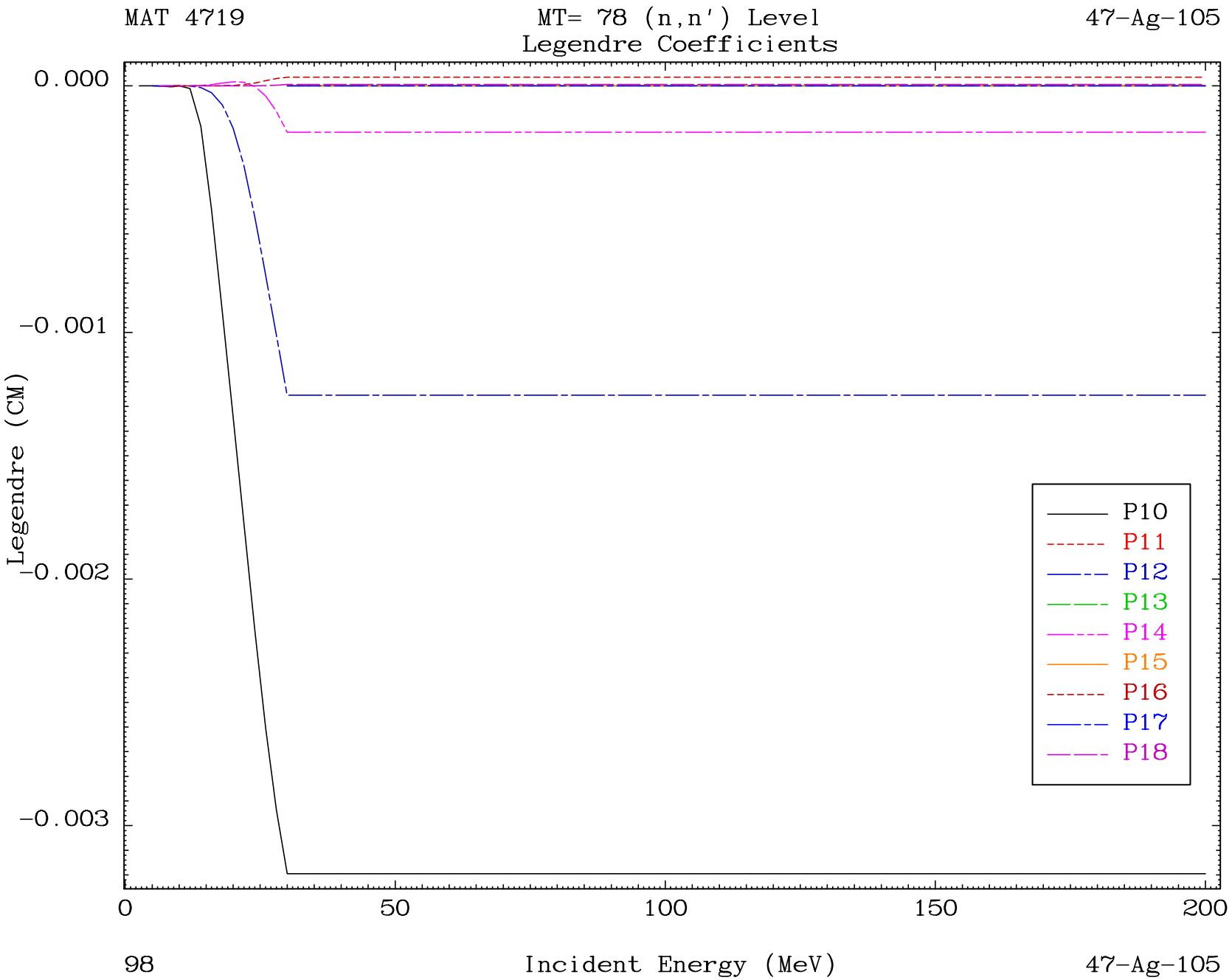

MAT 4719
MT= 76 (n,n') Level
Legendre Coefficients
47-Ag-105
1.5
X10 −6
1.0
0.5
0.0
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
50
100
150
200
93
Incident Energy (MeV)
47-Ag-105

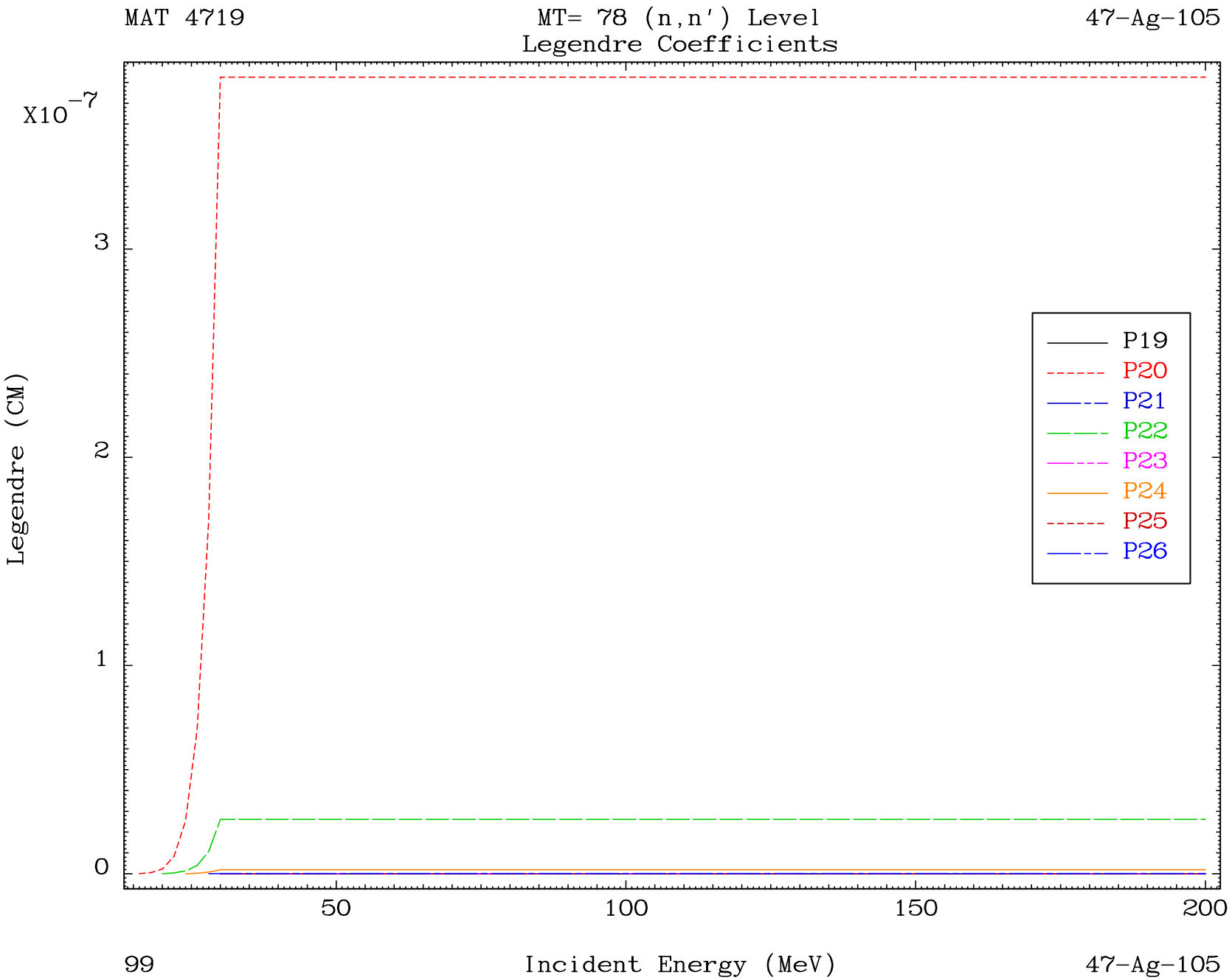

MAT 4719
MT= 77 (n,n') Level
Legendre Coefficients
47-Ag-105
Legendre (CM)
0.15
0.10
0.05
0.00
0
50
100
150
200
Incident Energy (MeV)
94
47-Ag-105
P1
P2
P3
P4
P5
P6
P7
P8
P9

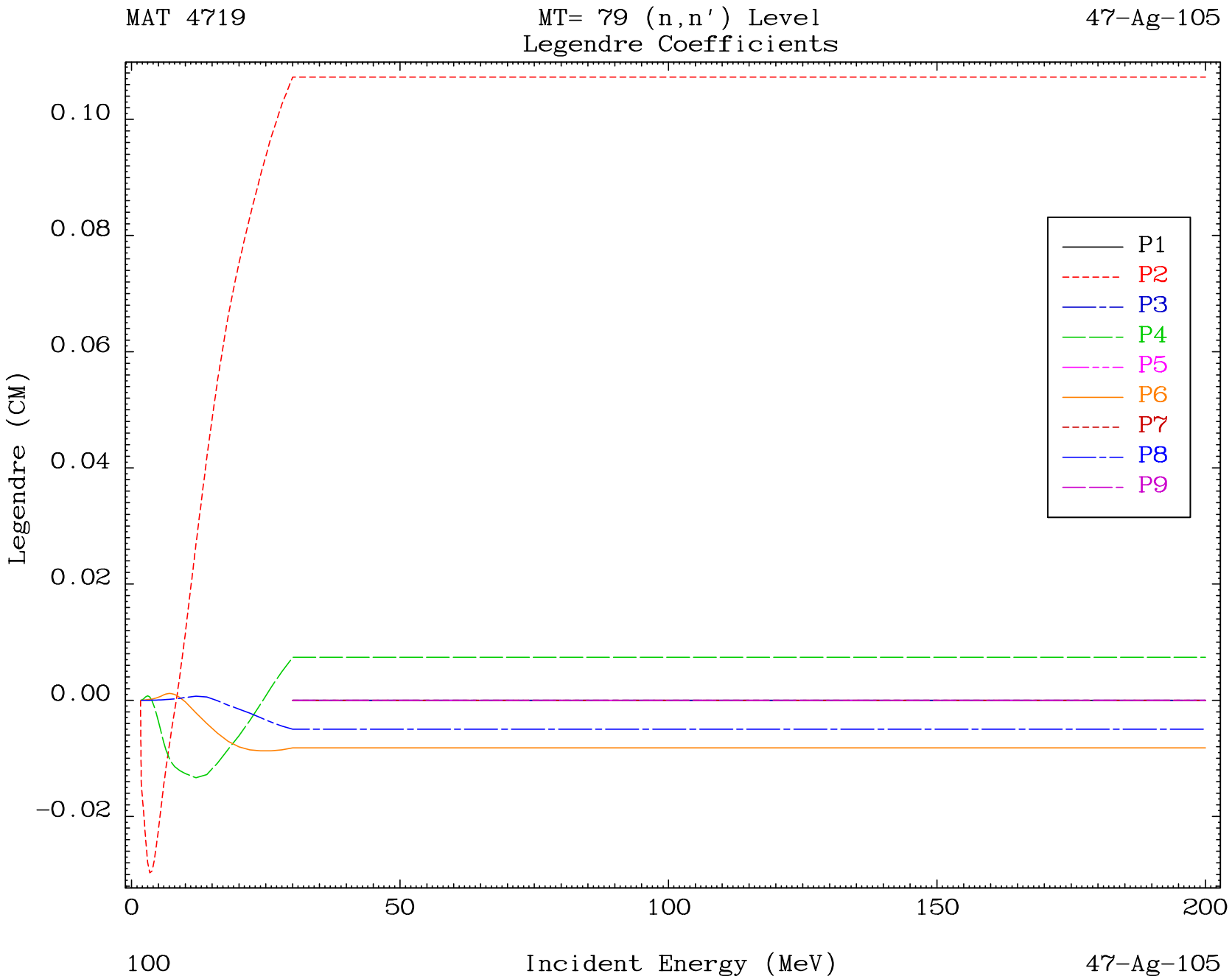

MAT 4719
MT= 77 (n,n') Level
Legendre Coefficients
47-Ag-105
X10^-48
4
0
-4
-8
Legendre (CM)
P10
P11
P12
P13
P14
P15
P16
P17
P18
0
50
100
150
200
95
Incident Energy (MeV)
47-Ag-105

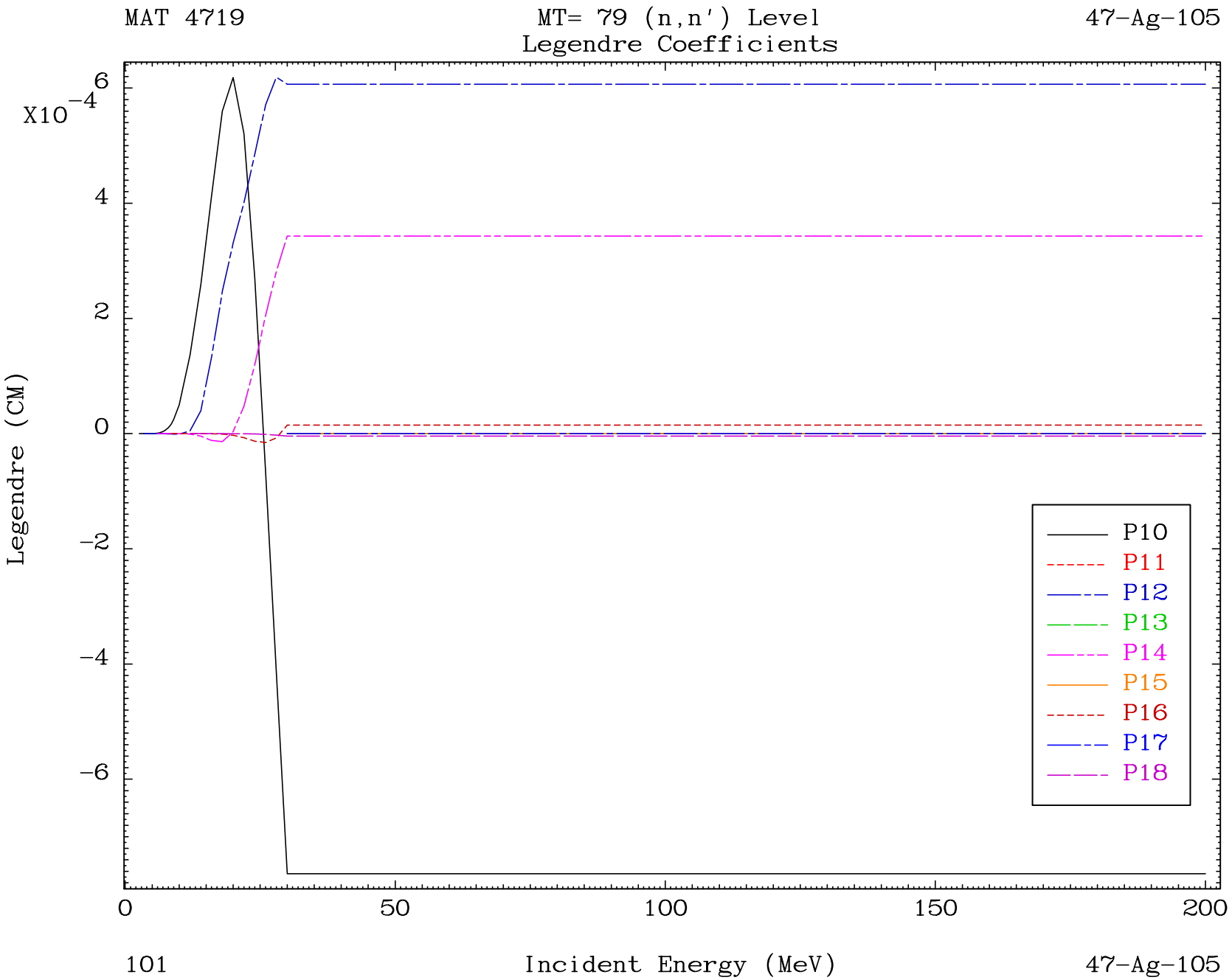

MAT 4719
MT= 77 (n,n') Level
Legendre Coefficients
47-Ag-105
0
X10-7
-2
-4
-6
-8
Legendre (CM)
50
100
150
200
96
Incident Energy (MeV)
47-Ag-105
P19
P20
P21
P22
P23
P24
P25
P26

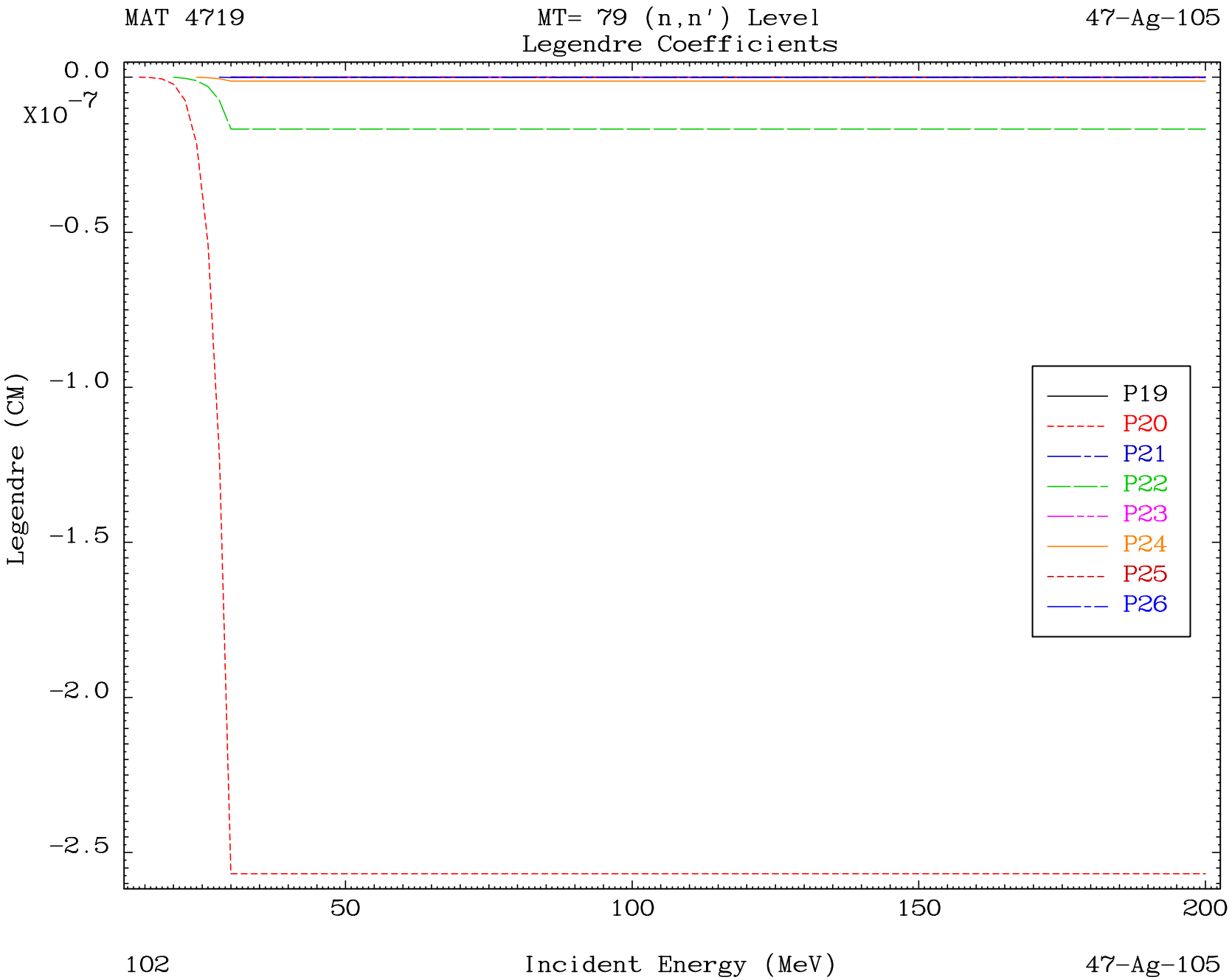

MAT 4719
MT= 78 (n,n') Level
Legendre Coefficients
47-Ag-105
0.12
0.08
0.04
0.00
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
0
50
100
150
200
97
Incident Energy (MeV)
47-Ag-105

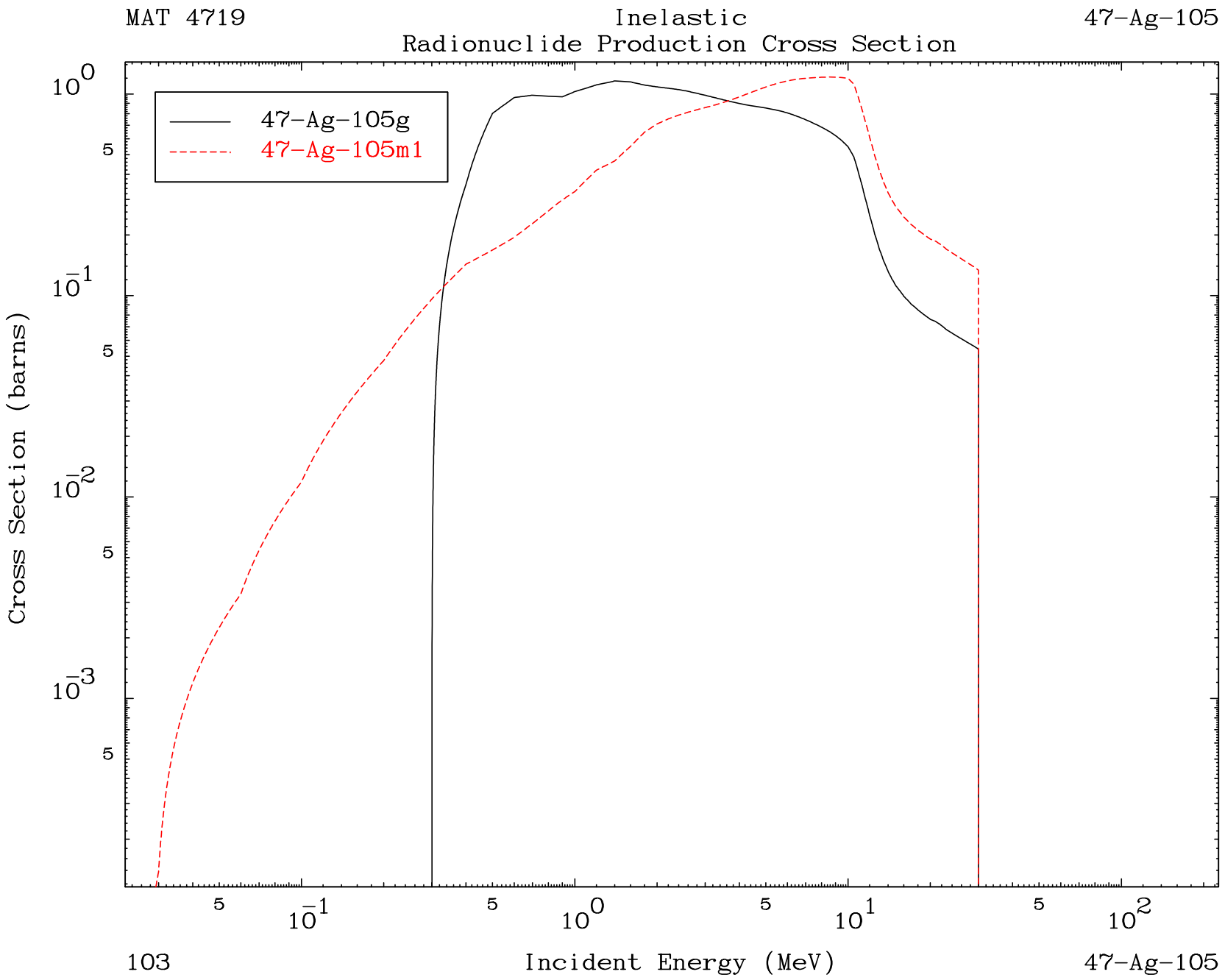

MAT 4719
MT= 78 (n,n') Level
Legendre Coefficients
47-Ag-105
0.000
-0.001
-0.002
-0.003
Legendre (CM)
0
50
100
150
200
98
Incident Energy (MeV)
47-Ag-105
P10
P11
P12
P13
P14
P15
P16
P17
P18

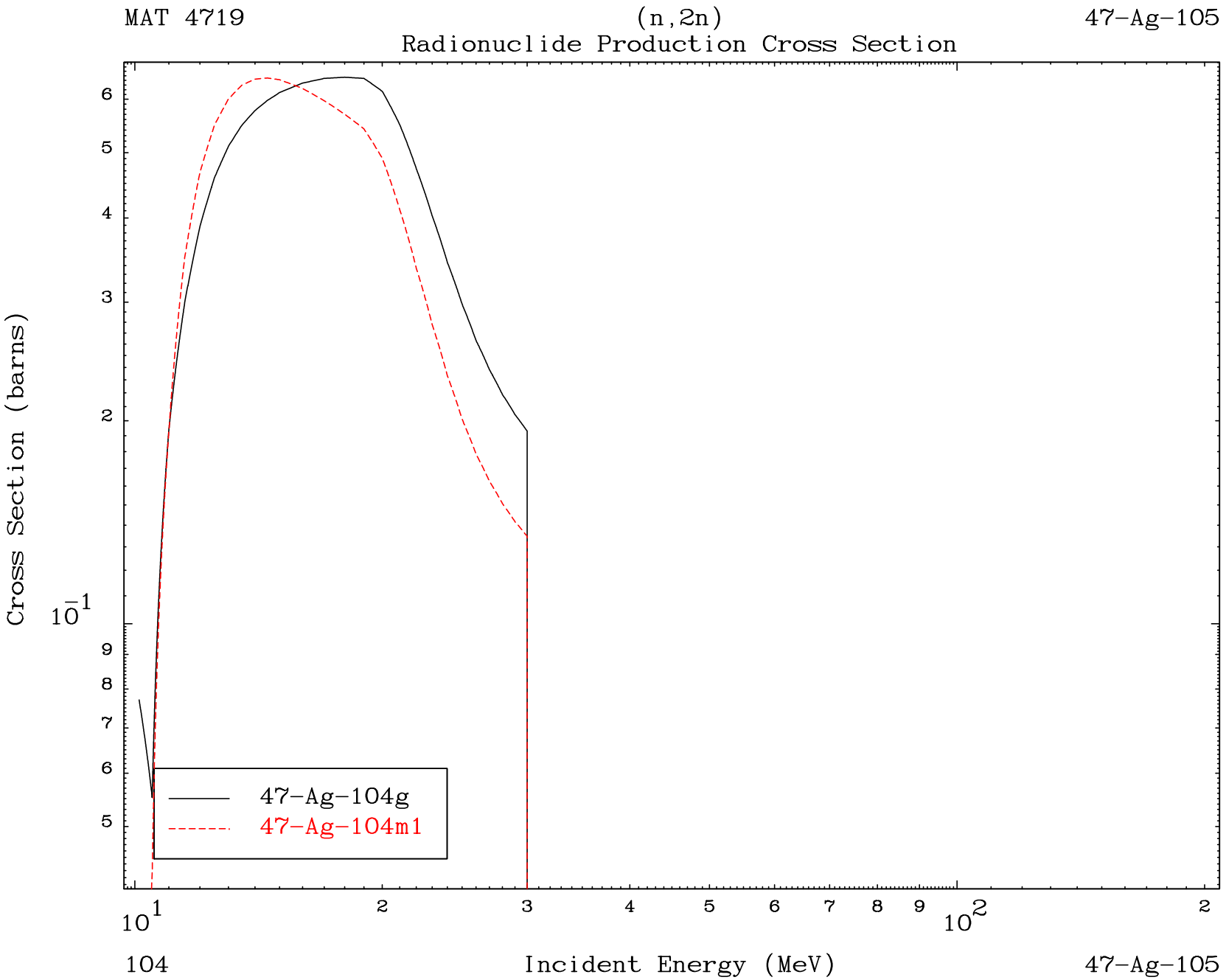

MAT 4719
MT= 78 (n,n') Level
Legendre Coefficients
47-Ag-105
X10-7
3
2
1
0
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
50
100
150
200
99
Incident Energy (MeV)
47-Ag-105

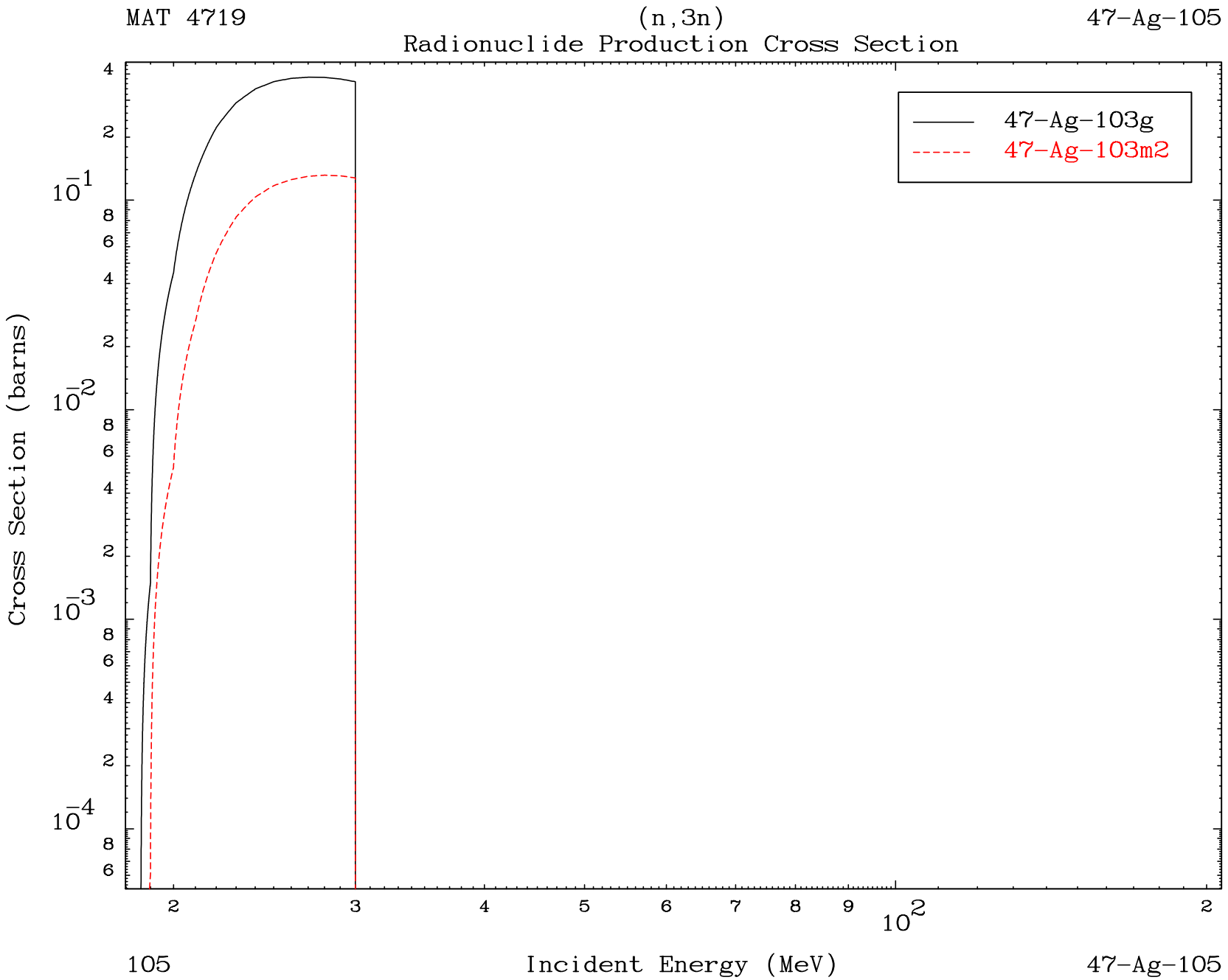

MAT 4719
MT= 79 (n,n') Level
Legendre Coefficients
47-Ag-105
0.10
0.08
0.06
0.04
0.02
0.00
-0.02
Legendre (CM)
0
50
100
150
200
100
Incident Energy (MeV)
47-Ag-105
P1
P2
P3
P4
P5
P6
P7
P8
P9

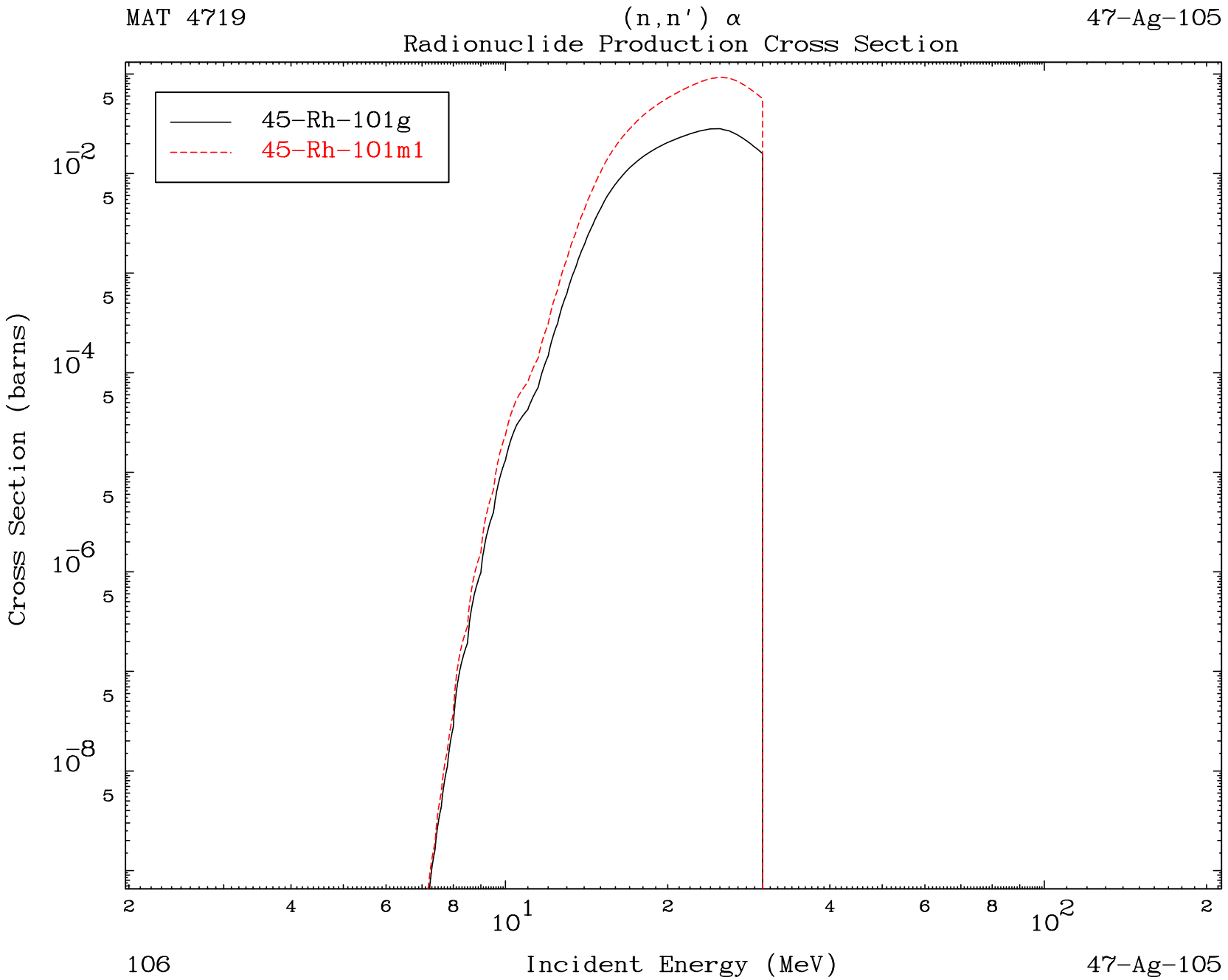

MAT 4719
MT= 79 (n,n') Level
Legendre Coefficients
47-Ag-105
X10^-4
6
4
2
0
-2
-4
-6
Legendre (CM)
0
50
100
150
200
101
Incident Energy (MeV)
47-Ag-105
P10
P11
P12
P13
P14
P15
P16
P17
P18

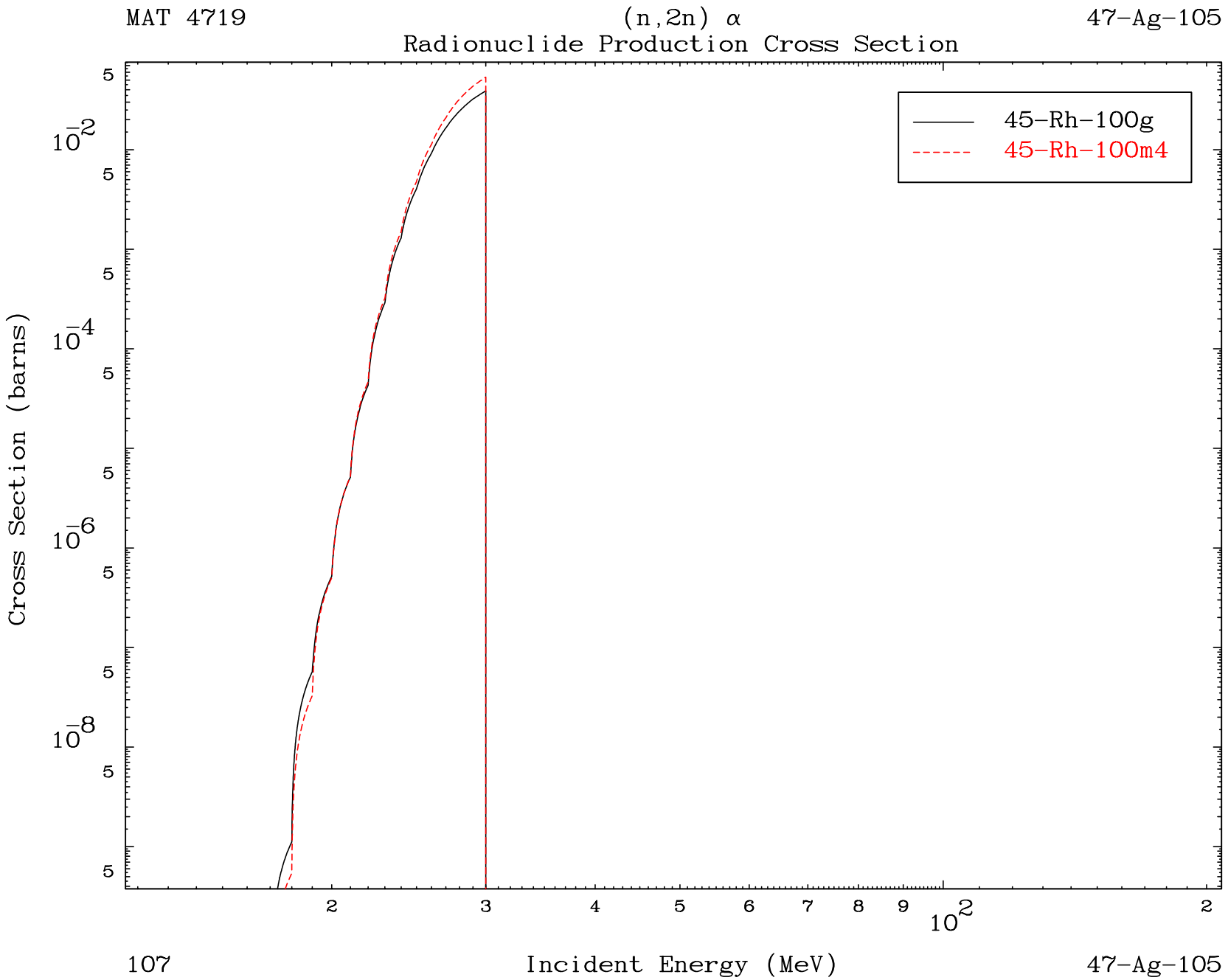

MAT 4719
MT= 79 (n,n') Level
Legendre Coefficients
47-Ag-105
0.0
X10-7
-0.5
-1.0
-1.5
-2.0
-2.5
Legendre (CM)
50
100
150
200
102
Incident Energy (MeV)
47-Ag-105
P19
P20
P21
P22
P23
P24
P25
P26

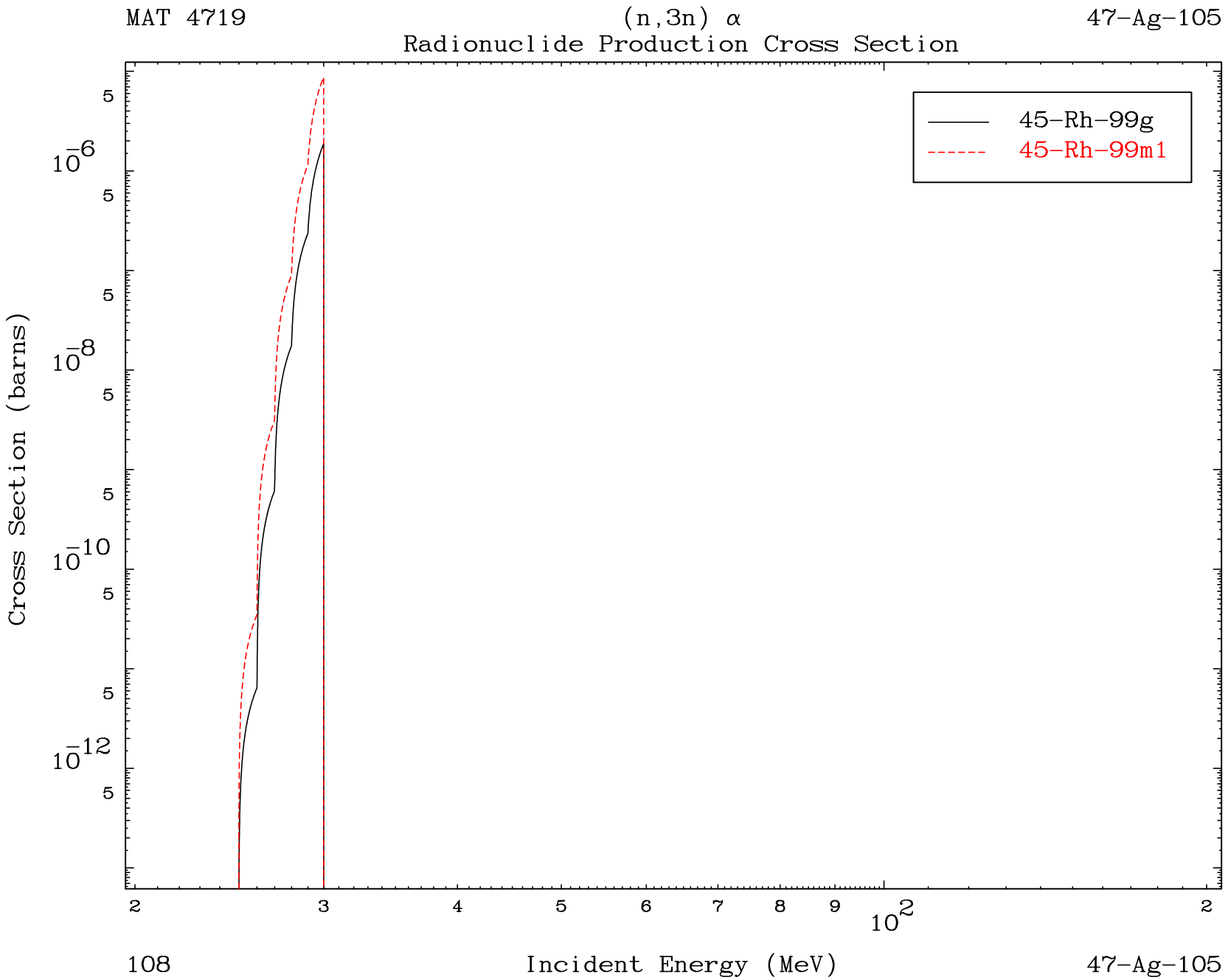

MAT 4719
Inelastic
47-Ag-105
Radionuclide Production Cross Section
47-Ag-105g
47-Ag-105m1
Cross Section (barns)
Incident Energy (MeV)
103
47-Ag-105

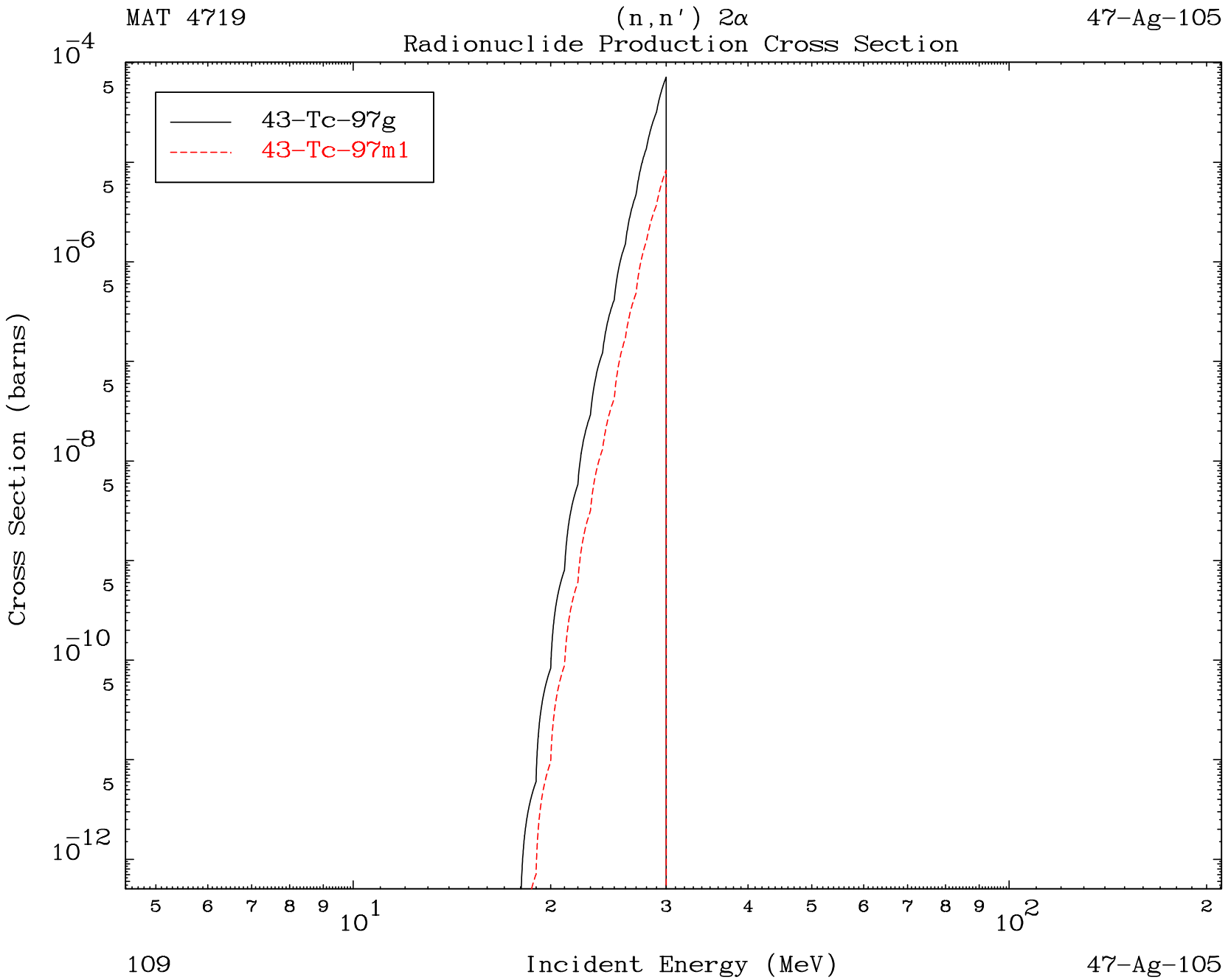

MAT 4719
(n,2n)
47-Ag-105
Radionuclide Production Cross Section
Cross Section (barns)
10^1
6
5
4
3
2
9
8
7
6
5
47-Ag-104g
47-Ag-104m1
10^1
2
3
4
5
6
7
8
9
10^2
2
104
Incident Energy (MeV)
47-Ag-105

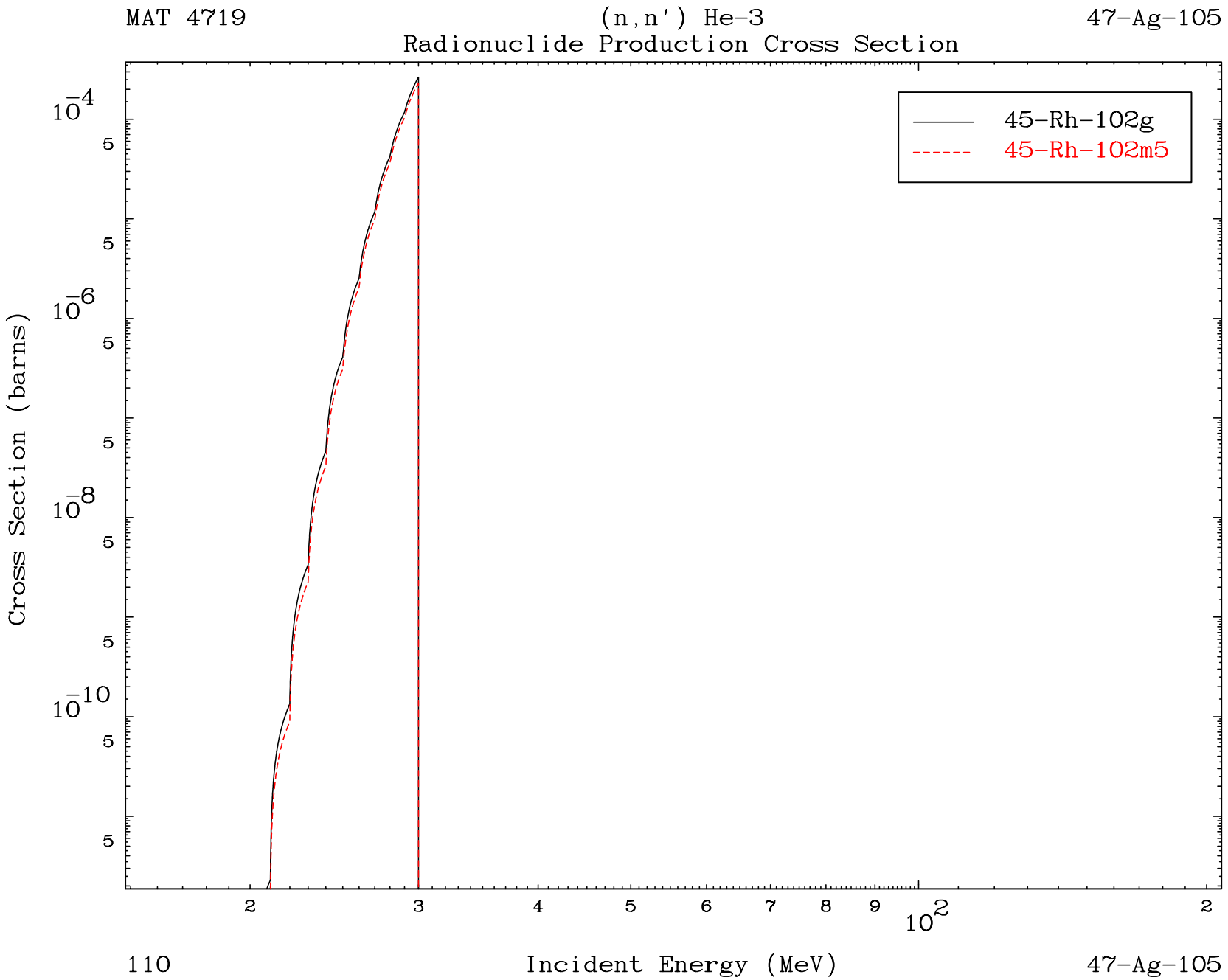

MAT 4719
(n,3n)
47-Ag-105
Radionuclide Production Cross Section
47-Ag-103g
47-Ag-103m2
Cross Section (barns)
Incident Energy (MeV)
105
47-Ag-105

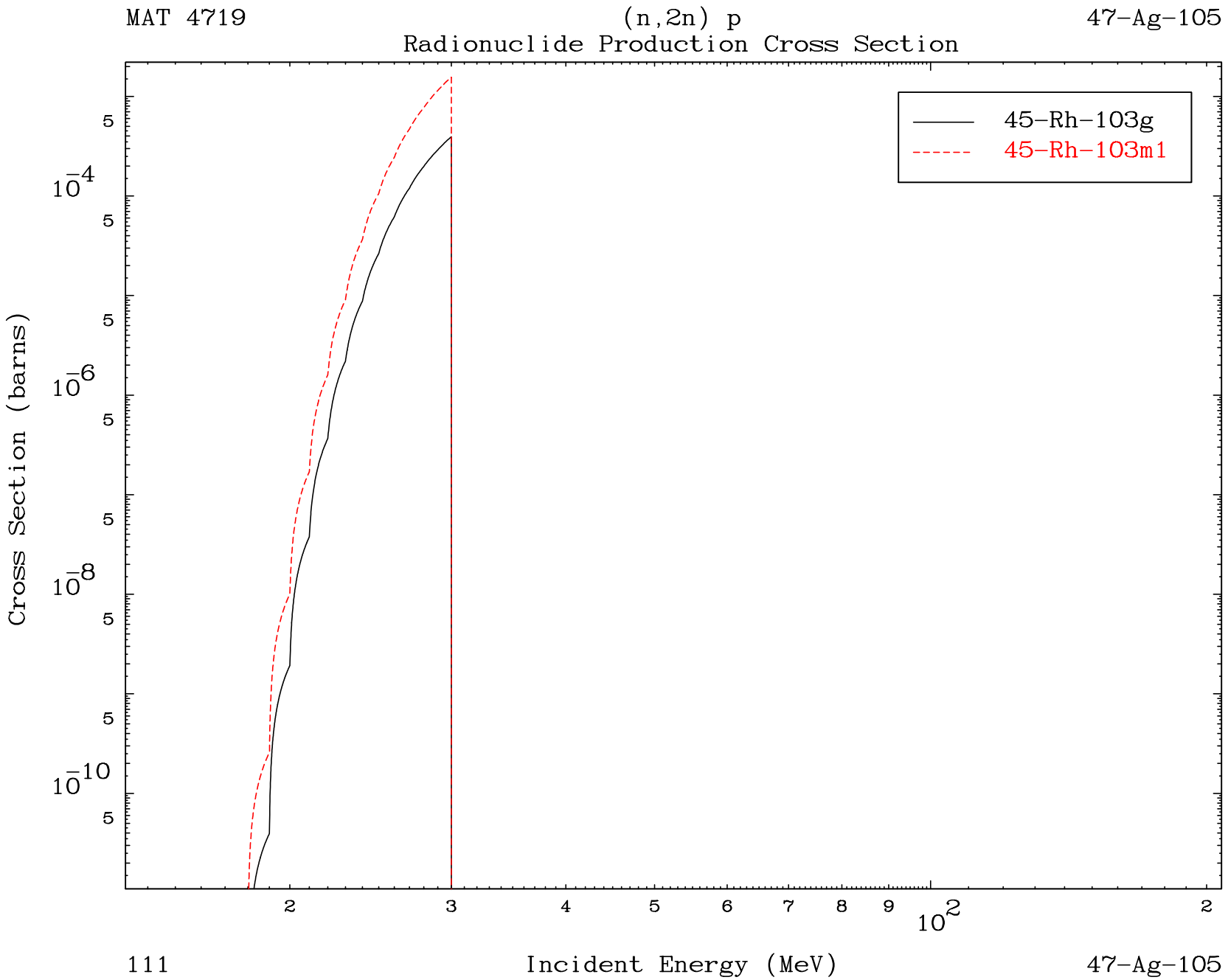

MAT 4719
(n,n') α
47-Ag-105
Radionuclide Production Cross Section
45-Rh-101g
45-Rh-101m1
Cross Section (barns)
Incident Energy (MeV)
106
47-Ag-105

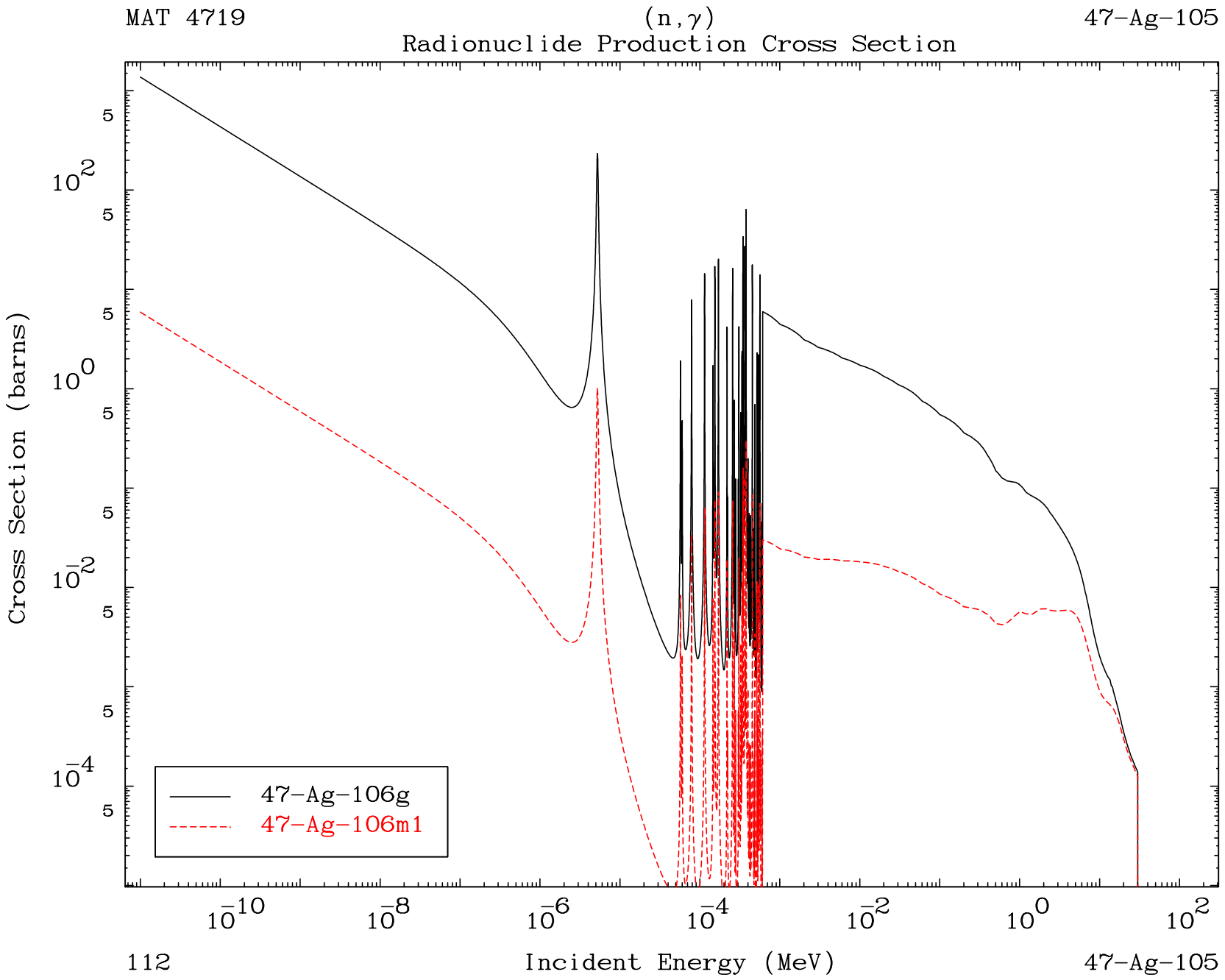

MAT 4719
(n,2n) α
47-Ag-105
Radionuclide Production Cross Section
45-Rh-100g
45-Rh-100m4
Cross Section (barns)
10-2
10-4
10-6
10-8
2
3
4
5
6
7
8
9
10 2
2
107
Incident Energy (MeV)
47-Ag-105

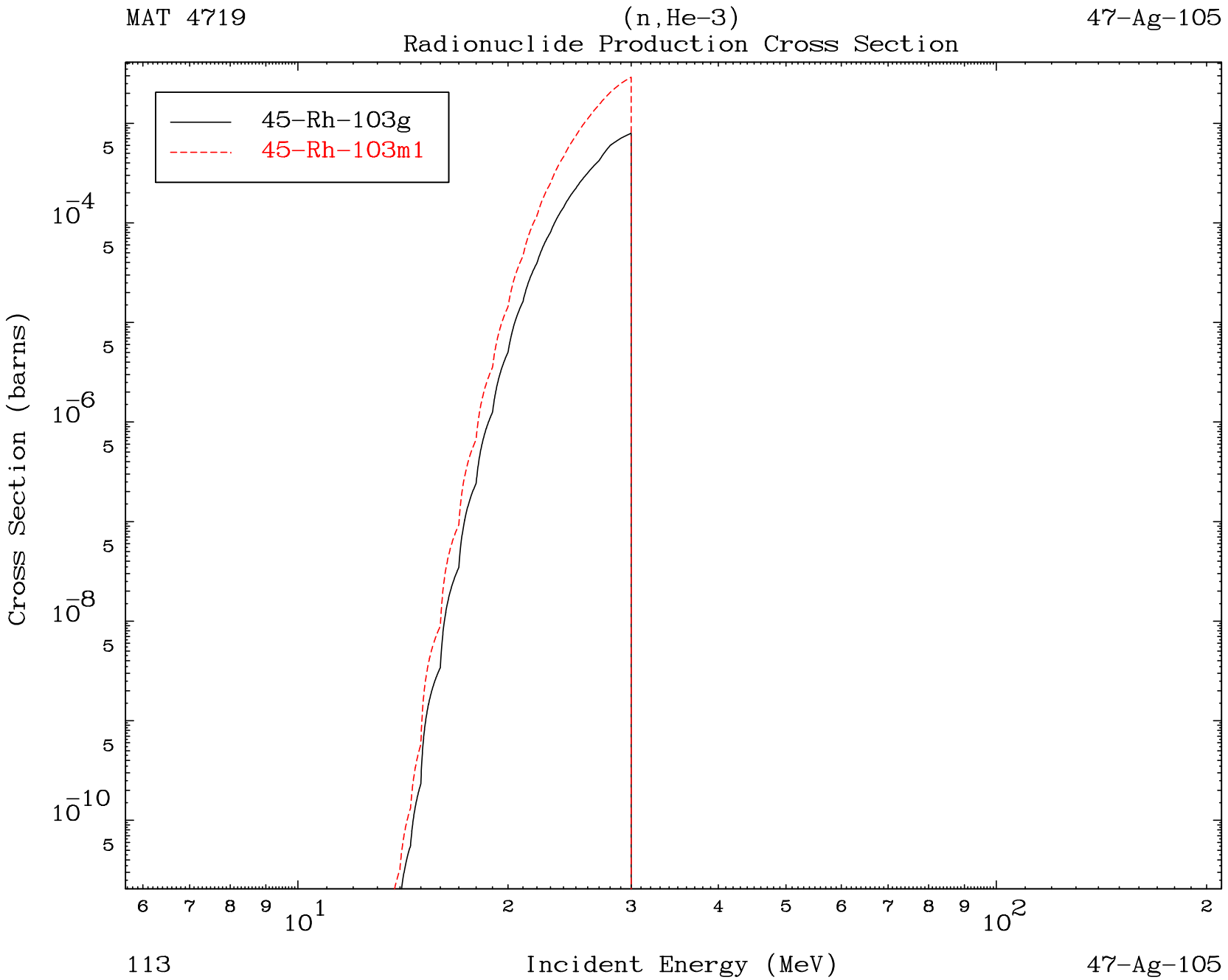

MAT 4719
(n,3n) α
47-Ag-105
Radionuclide Production Cross Section
45-Rh-99g
45-Rh-99m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
108
Incident Energy (MeV)
47-Ag-105

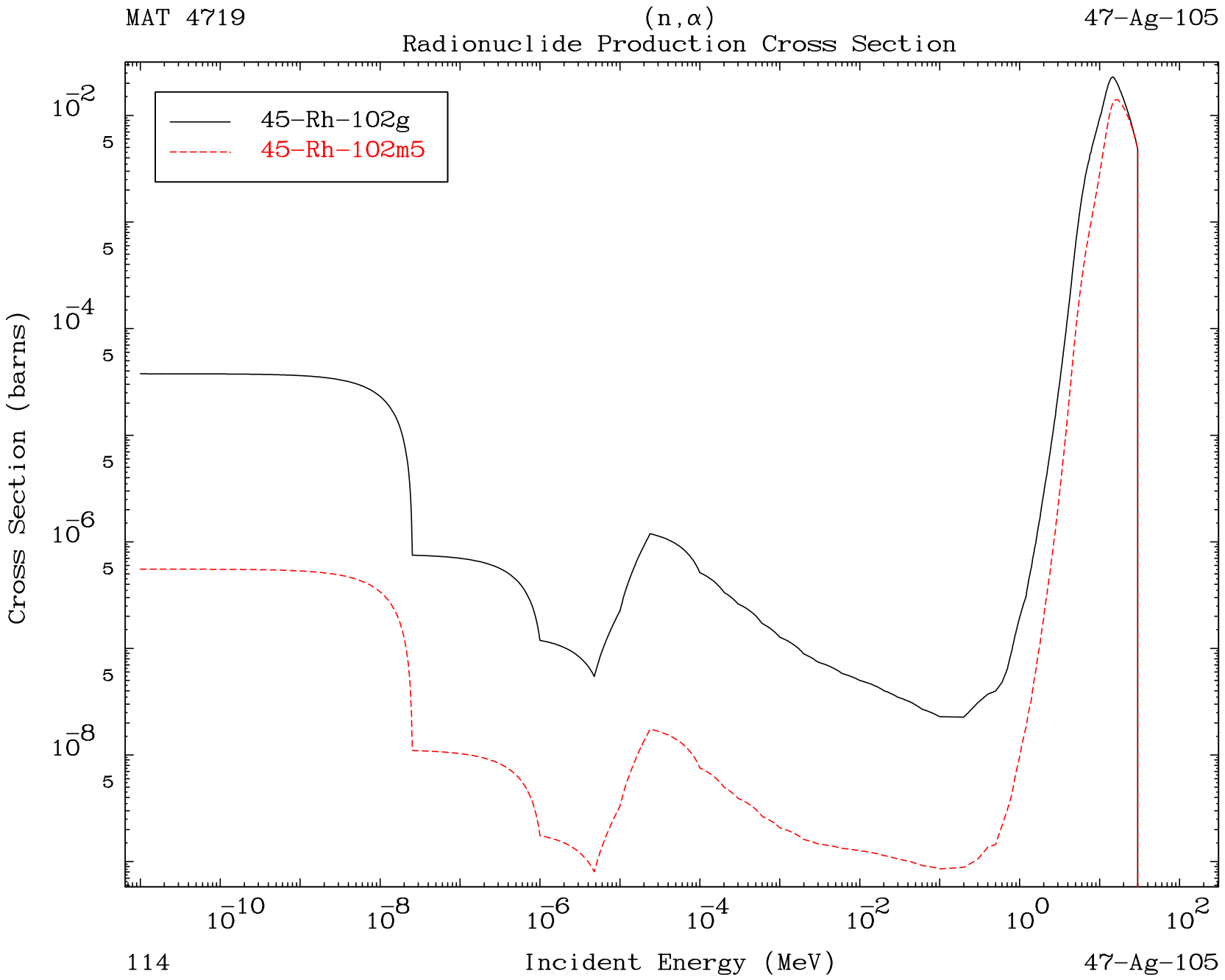

MAT 4719
(n,n') 2α
47-Ag-105
Radionuclide Production Cross Section
43-Tc-97g
43-Tc-97m1
Cross Section (barns)
Incident Energy (MeV)
109
47-Ag-105

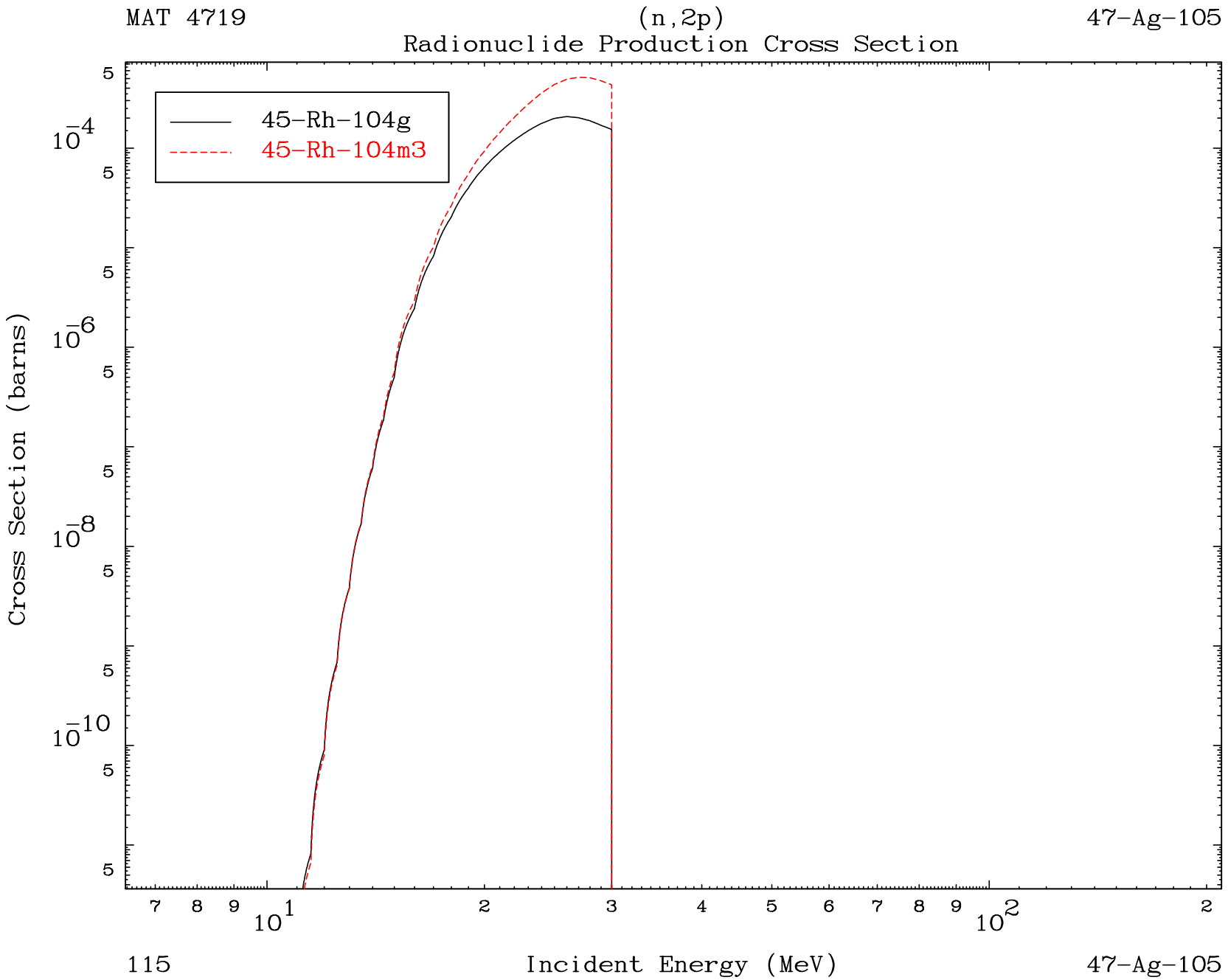

MAT 4719
(n,n') He-3
47-Ag-105
Radionuclide Production Cross Section
45-Rh-102g
45-Rh-102m5
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^2
110
47-Ag-105

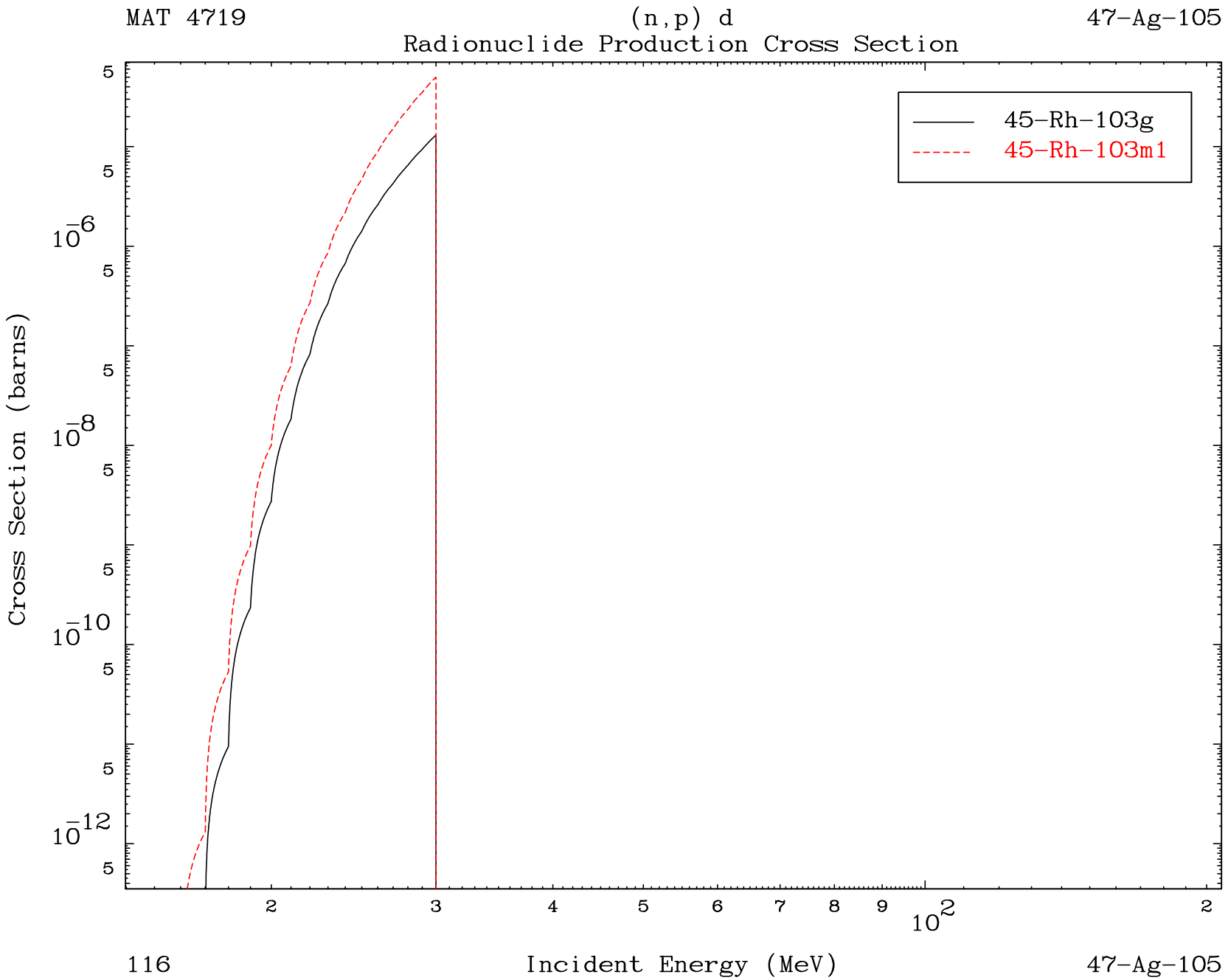

MAT 4719
(n,2n) p
47-Ag-105
Radionuclide Production Cross Section
45-Rh-103g
45-Rh-103m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
102
2
111
Incident Energy (MeV)
47-Ag-105

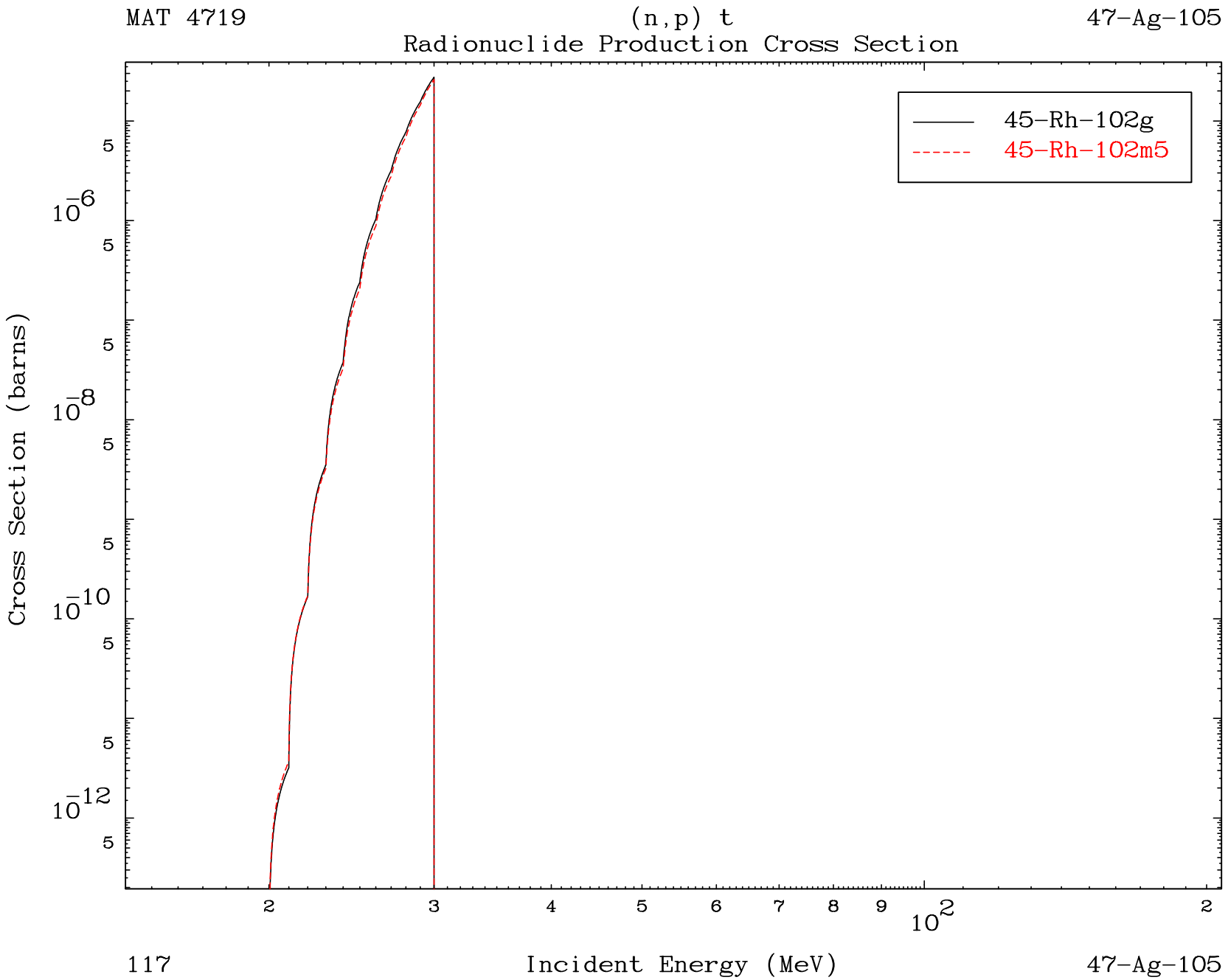

MAT 4719
(n,γ)
47-Ag-105
Radionuclide Production Cross Section
Cross Section (barns)
10^2
10^0
10^-2
10^-4
47-Ag-106g
47-Ag-106m1
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
112
Incident Energy (MeV)
47-Ag-105


MAT 4719
(n,He-3)
47-Ag-105
Radionuclide Production Cross Section
45-Rh-103g
45-Rh-103m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
113
47-Ag-105


MAT 4719
(n,α)
47-Ag-105
Radionuclide Production Cross Section
45-Rh-102g
45-Rh-102m5
Cross Section (barns)
Incident Energy (MeV)
114
47-Ag-105


MAT 4719
(n,2p)
47-Ag-105
Radionuclide Production Cross Section
45-Rh-104g
45-Rh-104m3
Cross Section (barns)
Incident Energy (MeV)
115
47-Ag-105


MAT 4719
(n,p) d
47-Ag-105
Radionuclide Production Cross Section
45-Rh-103g
45-Rh-103m1
Cross Section (barns)
Incident Energy (MeV)
116
47-Ag-105


MAT 4719
(n,p) t
47-Ag-105
Radionuclide Production Cross Section
45-Rh-102g
45-Rh-102m5
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
117
Incident Energy (MeV)
47-Ag-105