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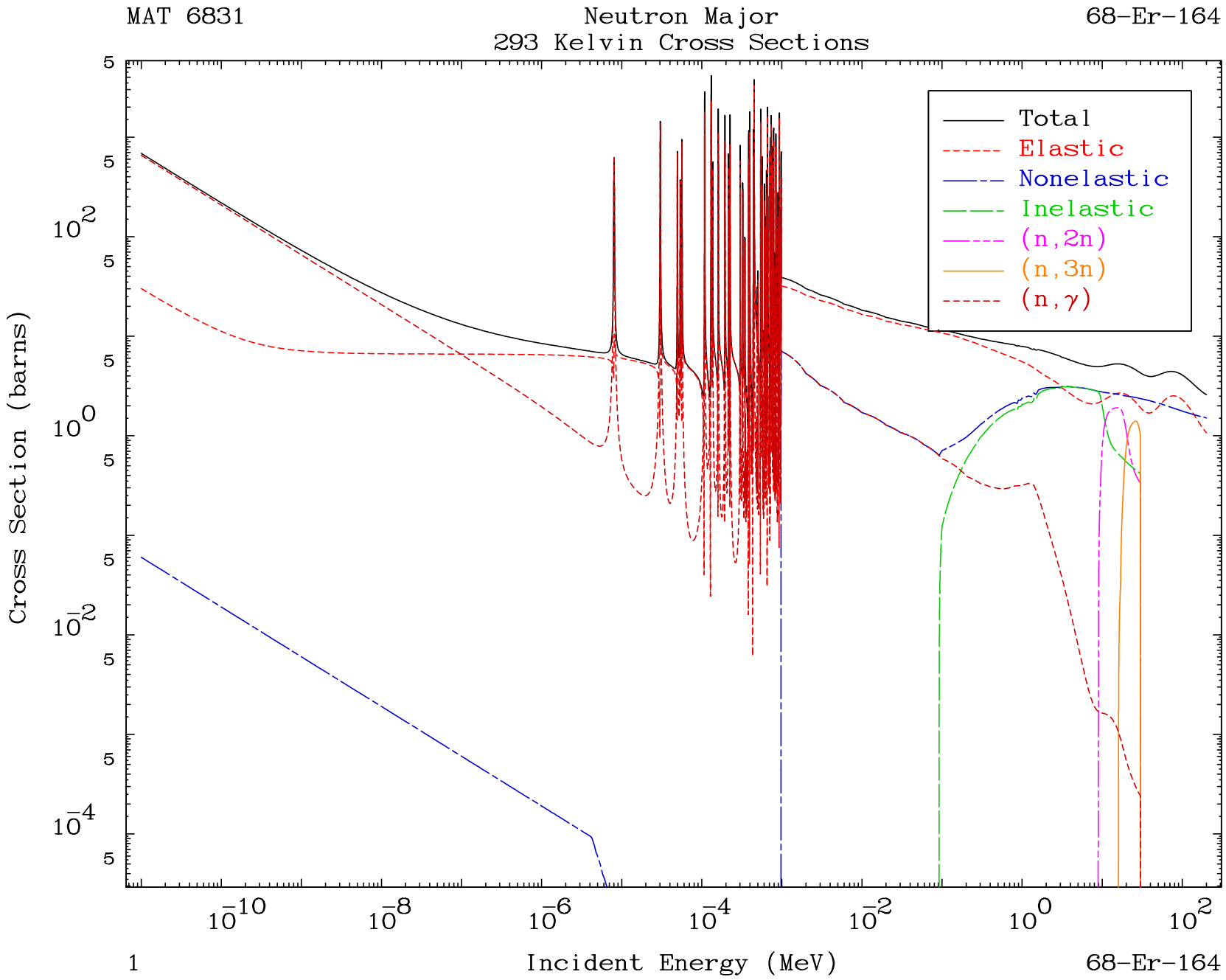
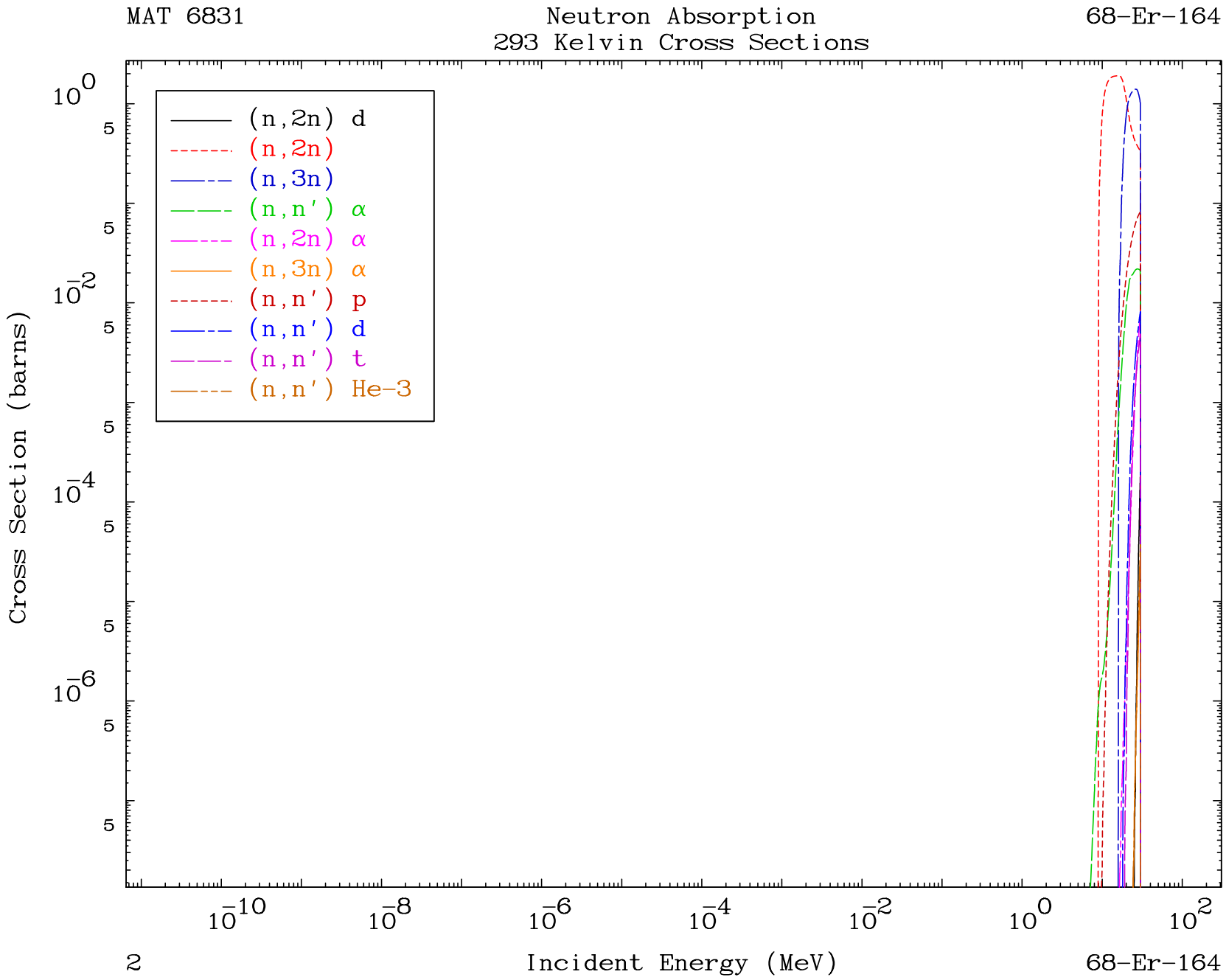
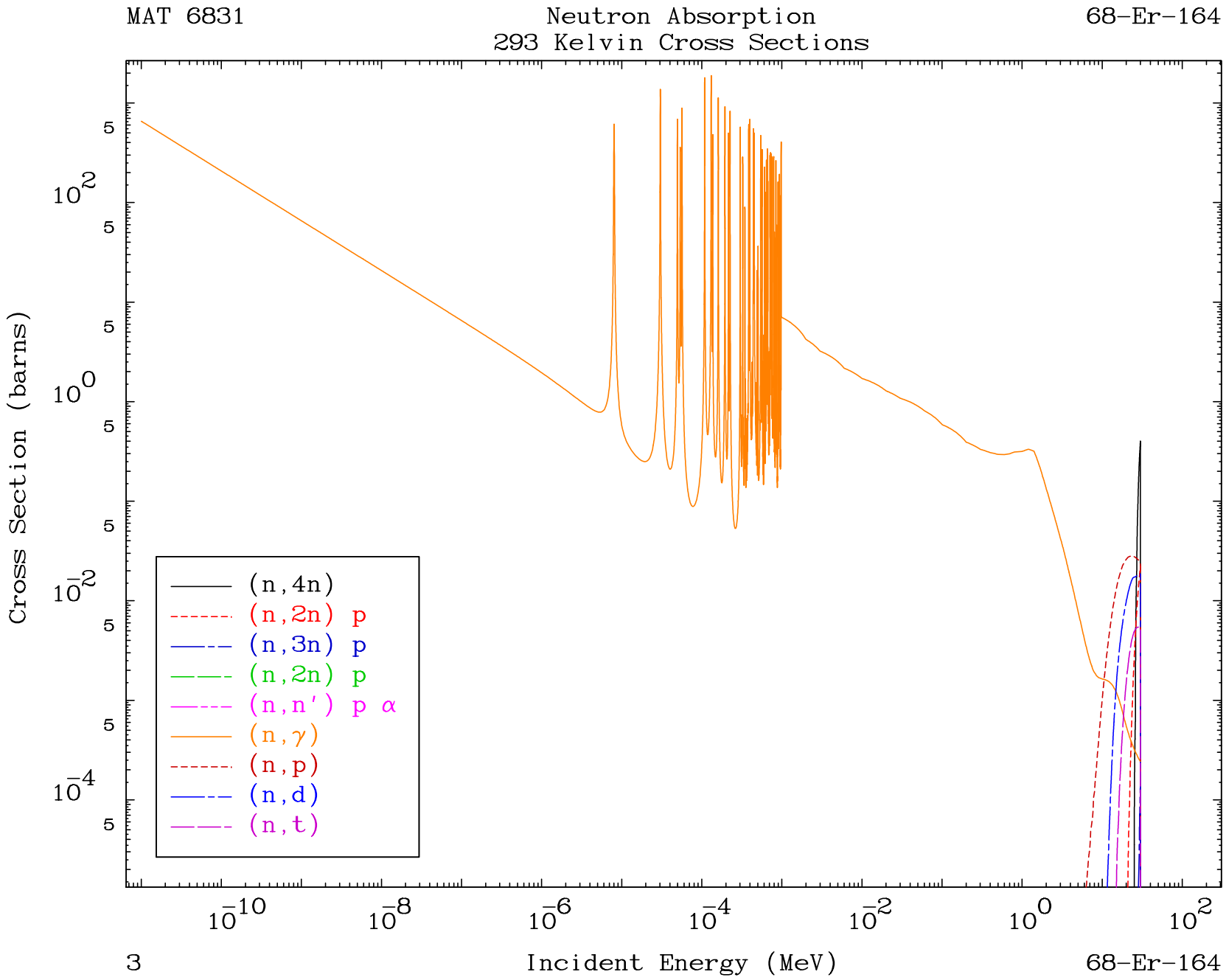
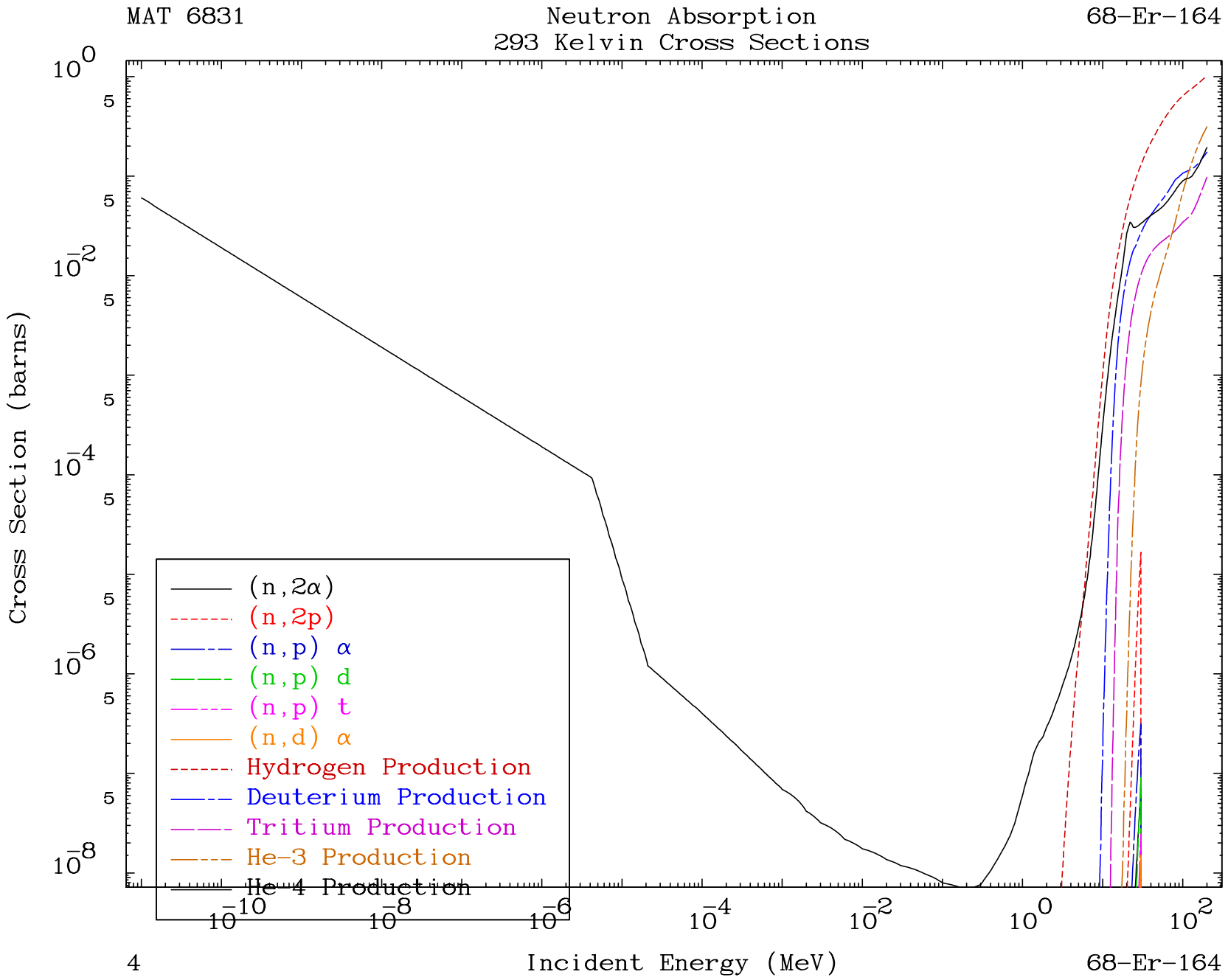
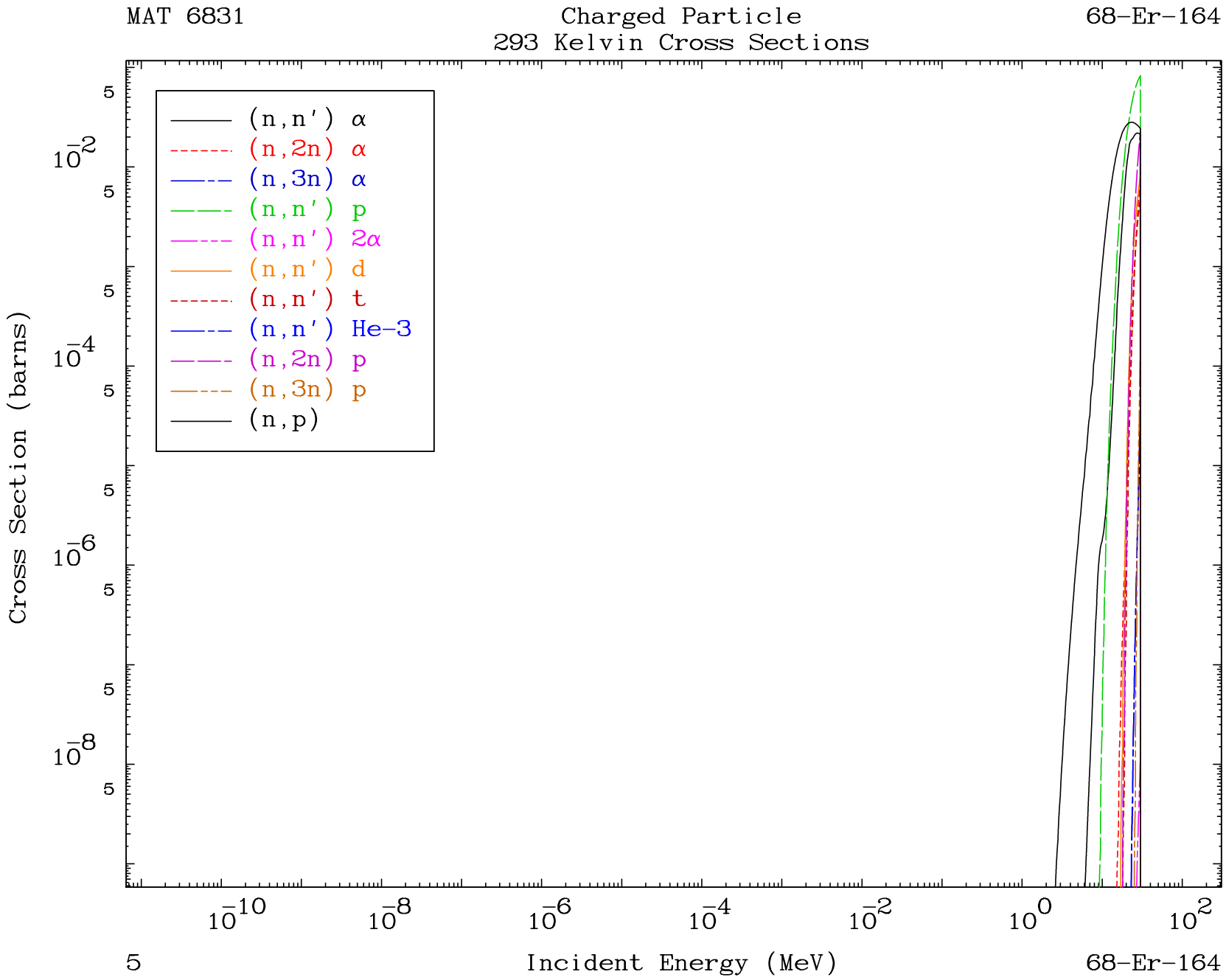
Press Mouse Button to Start

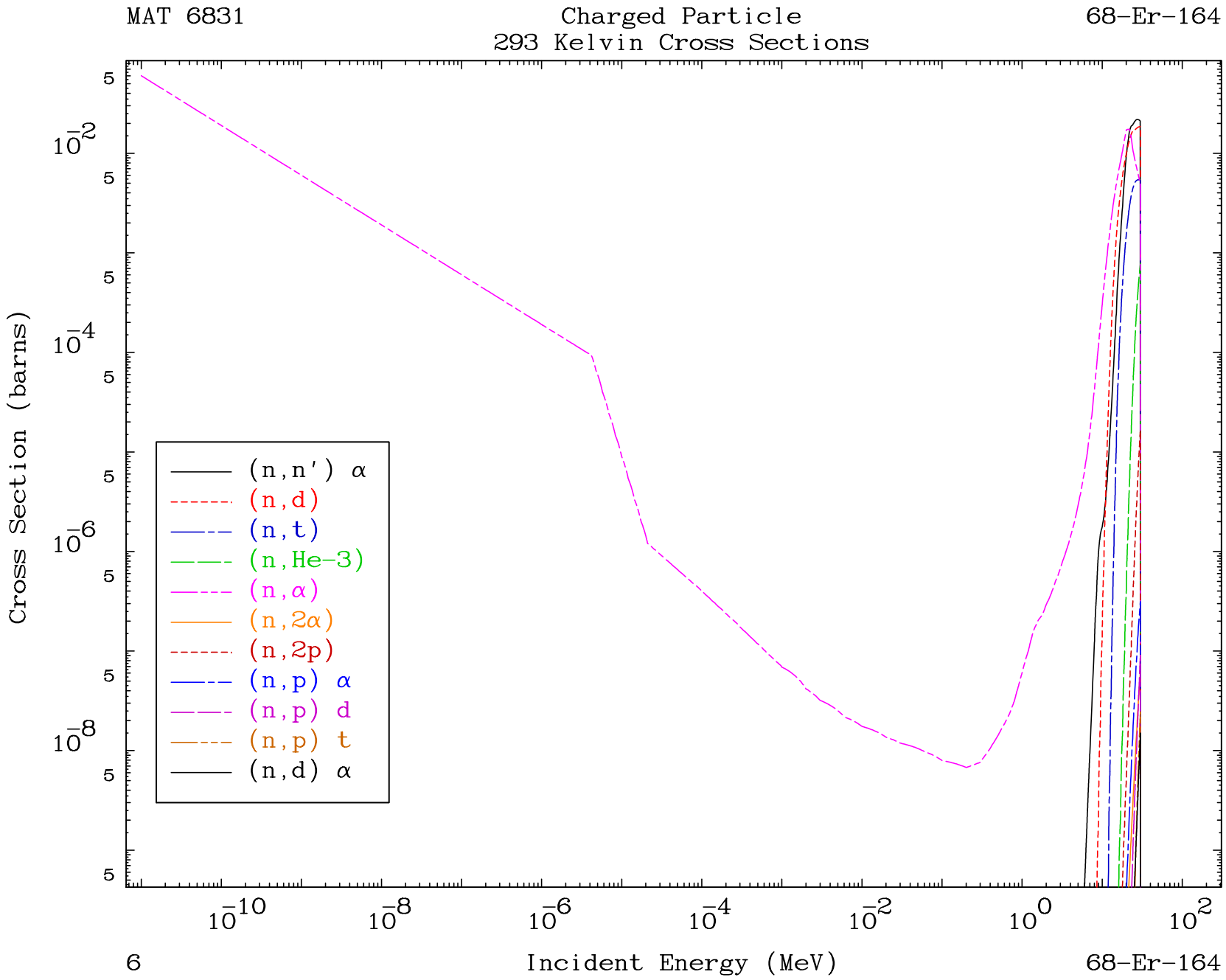

MAT 6831
Neutron Major
293 Kelvin Cross Sections
68-Er-164
Total
Elastic
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
1
68-Er-164

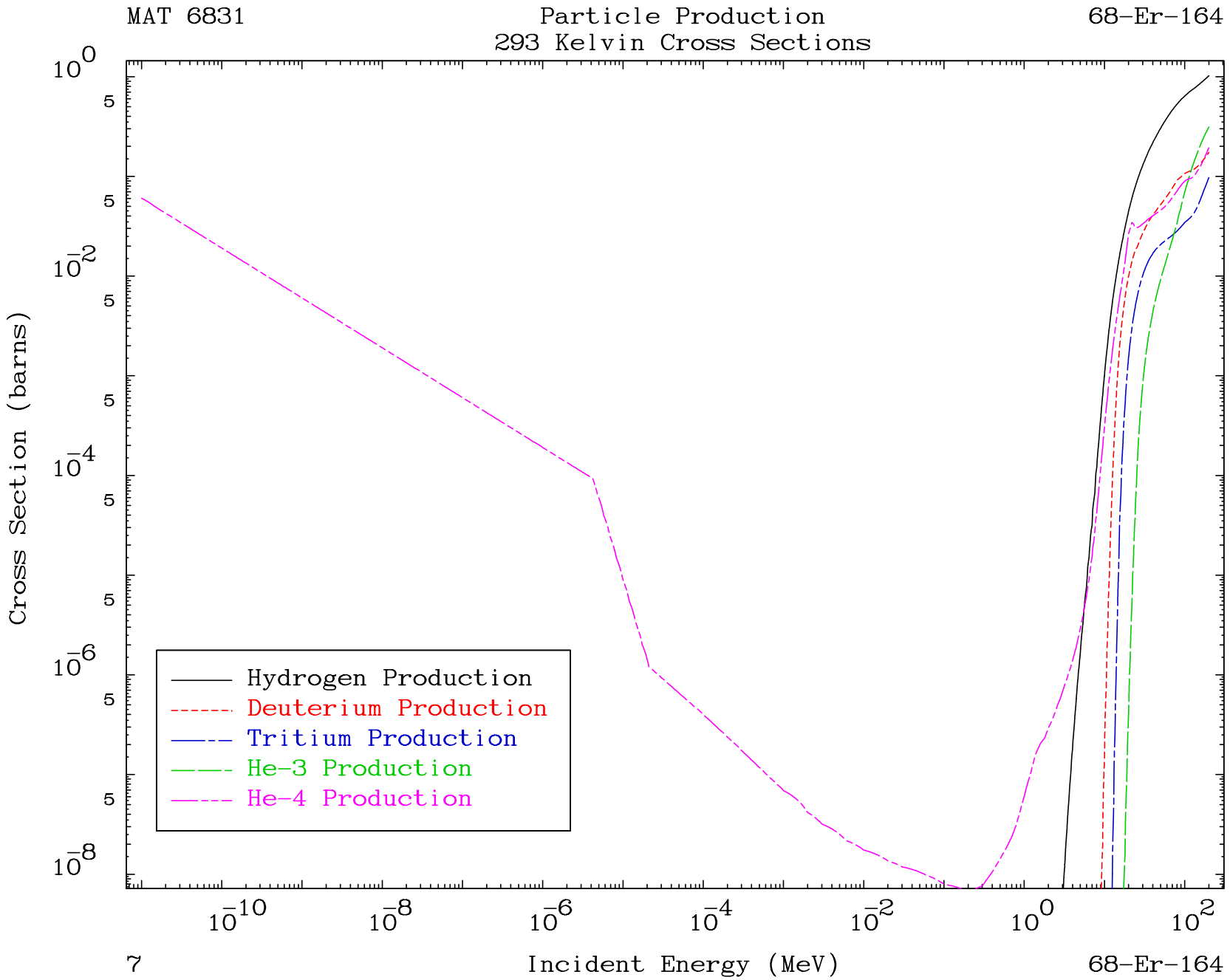

MAT 6831
Neutron Absorption
293 Kelvin Cross Sections
68-Er-164
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
(n,n') He-3
Cross Section (barns)
Incident Energy (MeV)
2
68-Er-164

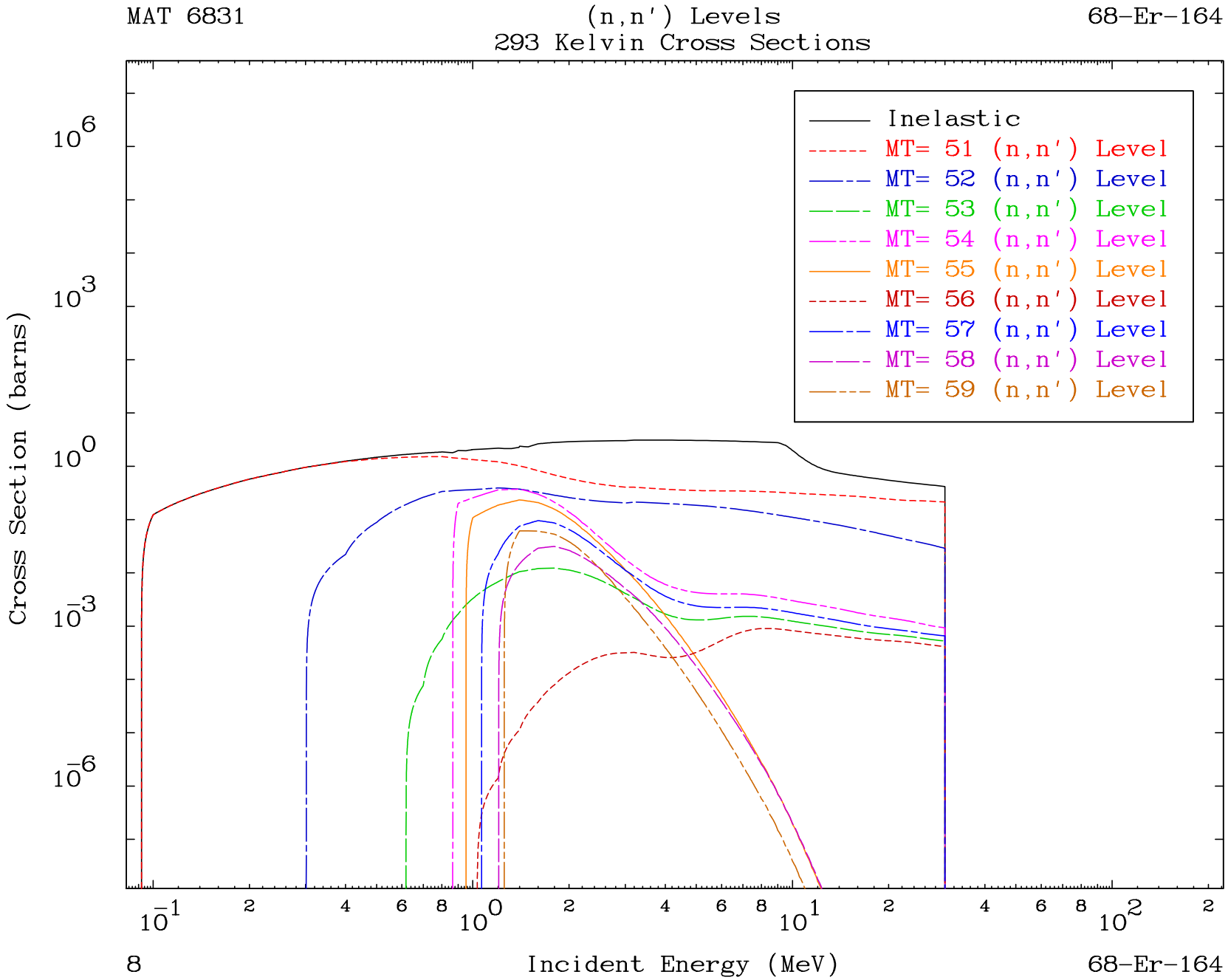

MAT 6831
Neutron Absorption
293 Kelvin Cross Sections
68-Er-164
Cross Section (barns)
Incident Energy (MeV)
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
3
68-Er-164

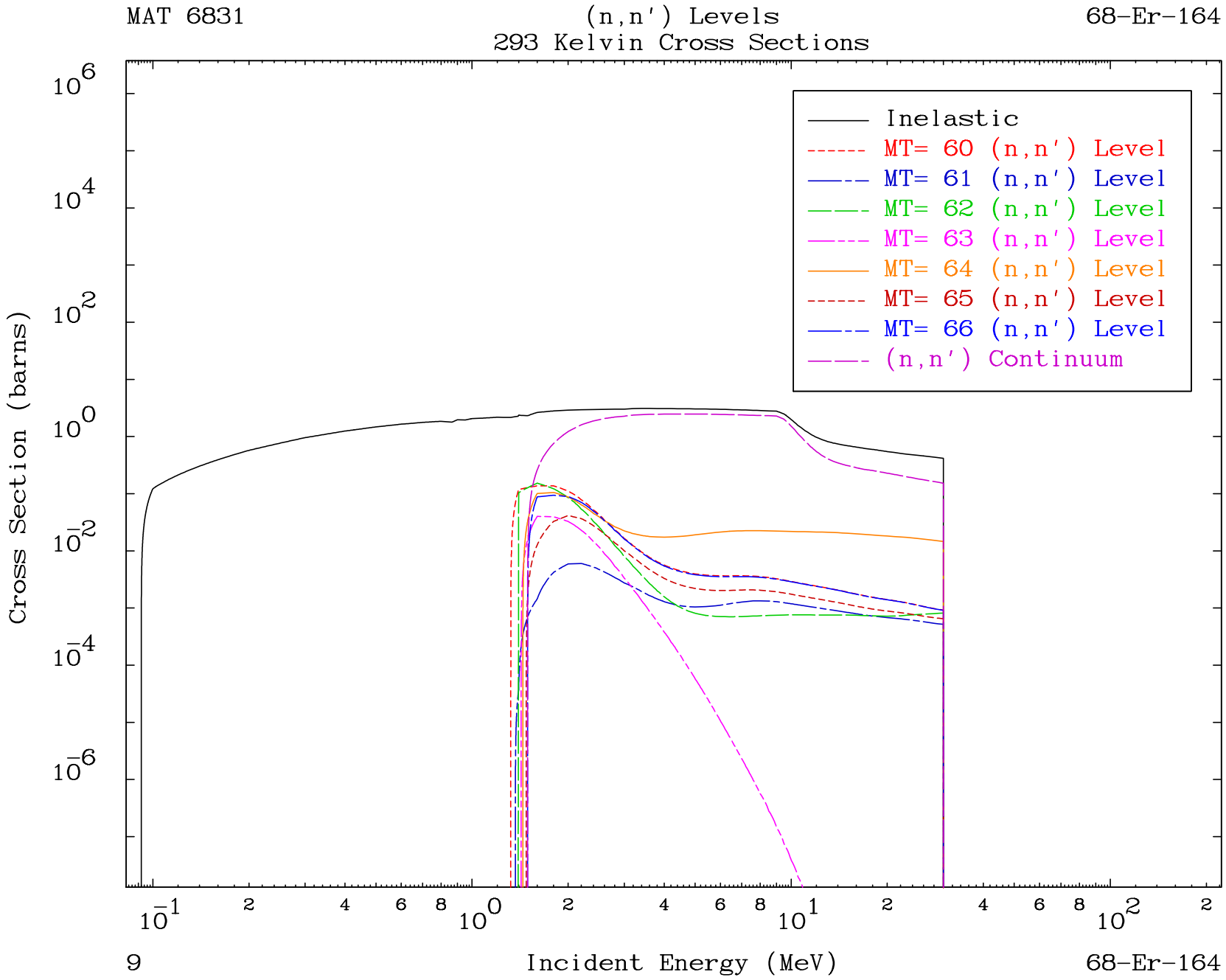

MAT 6831
Neutron Absorption
293 Kelvin Cross Sections
68-Er-164
Cross Section (barns)
Incident Energy (MeV)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Hydrogen Production
Deuterium Production
Tritium Production
He-3 Production
He-4 Production
4
68-Er-164

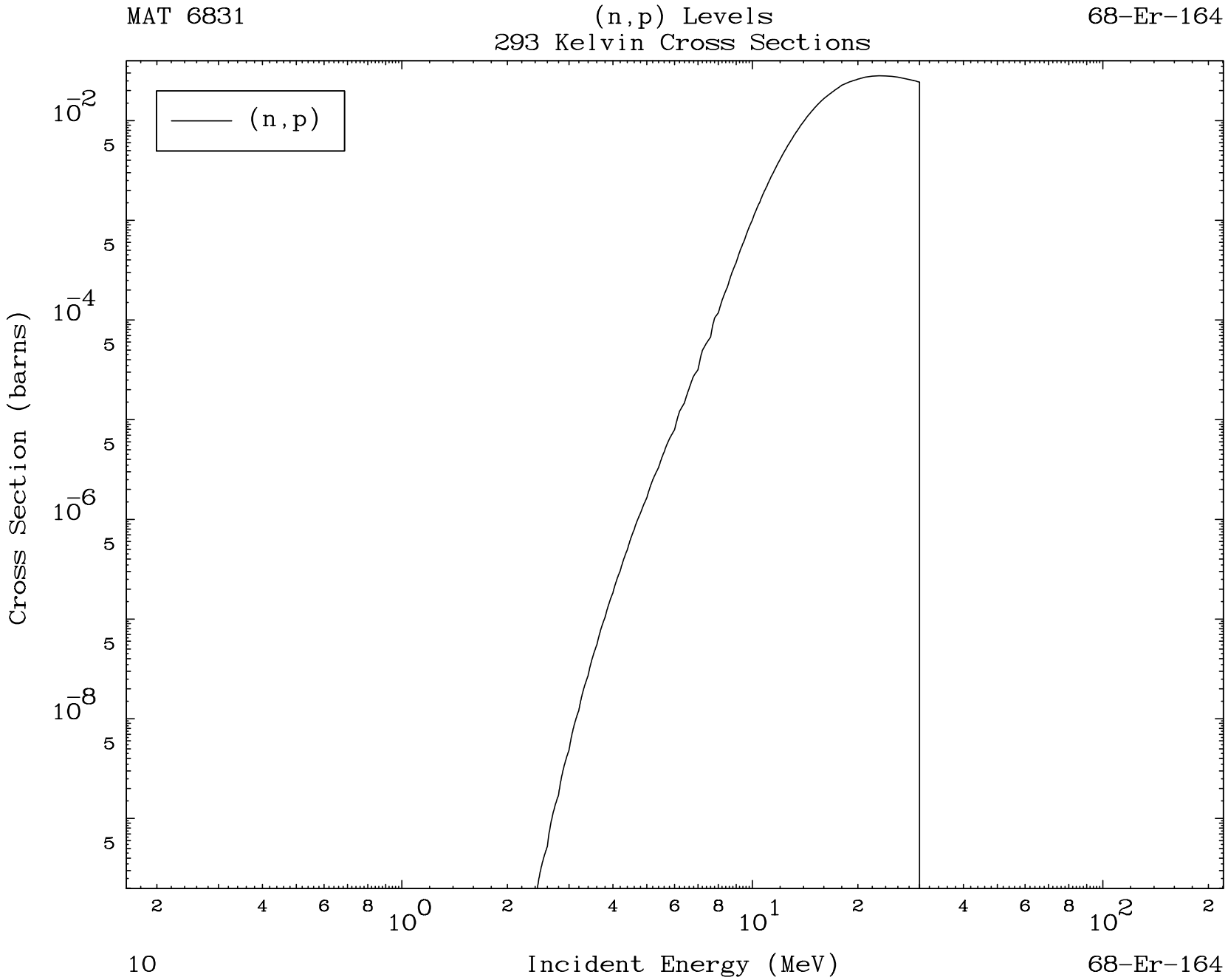

MAT 6831
Charged Particle
293 Kelvin Cross Sections
68-Er-164
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
Cross Section (barns)
Incident Energy (MeV)
68-Er-164

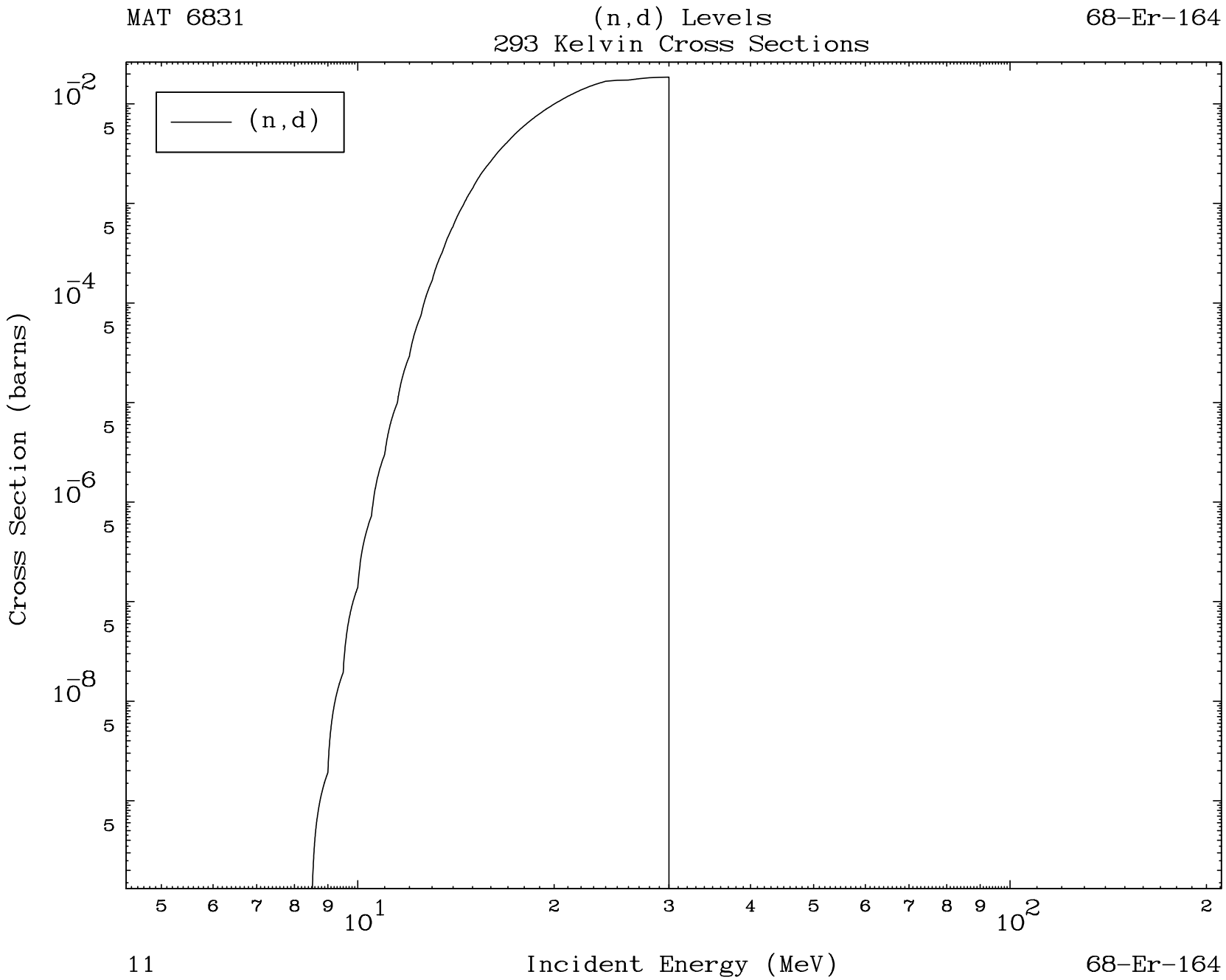

MAT 6831
Charged Particle
293 Kelvin Cross Sections
68-Er-164
Cross Section (barns)
Incident Energy (MeV)
(n,n') α
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
6
68-Er-164


MAT 6831
Particle Production
293 Kelvin Cross Sections
68-Er-164
Cross Section (barns)
Incident Energy (MeV)
Hydrogen Production
Deuterium Production
Tritium Production
He-3 Production
He-4 Production
7
68-Er-164

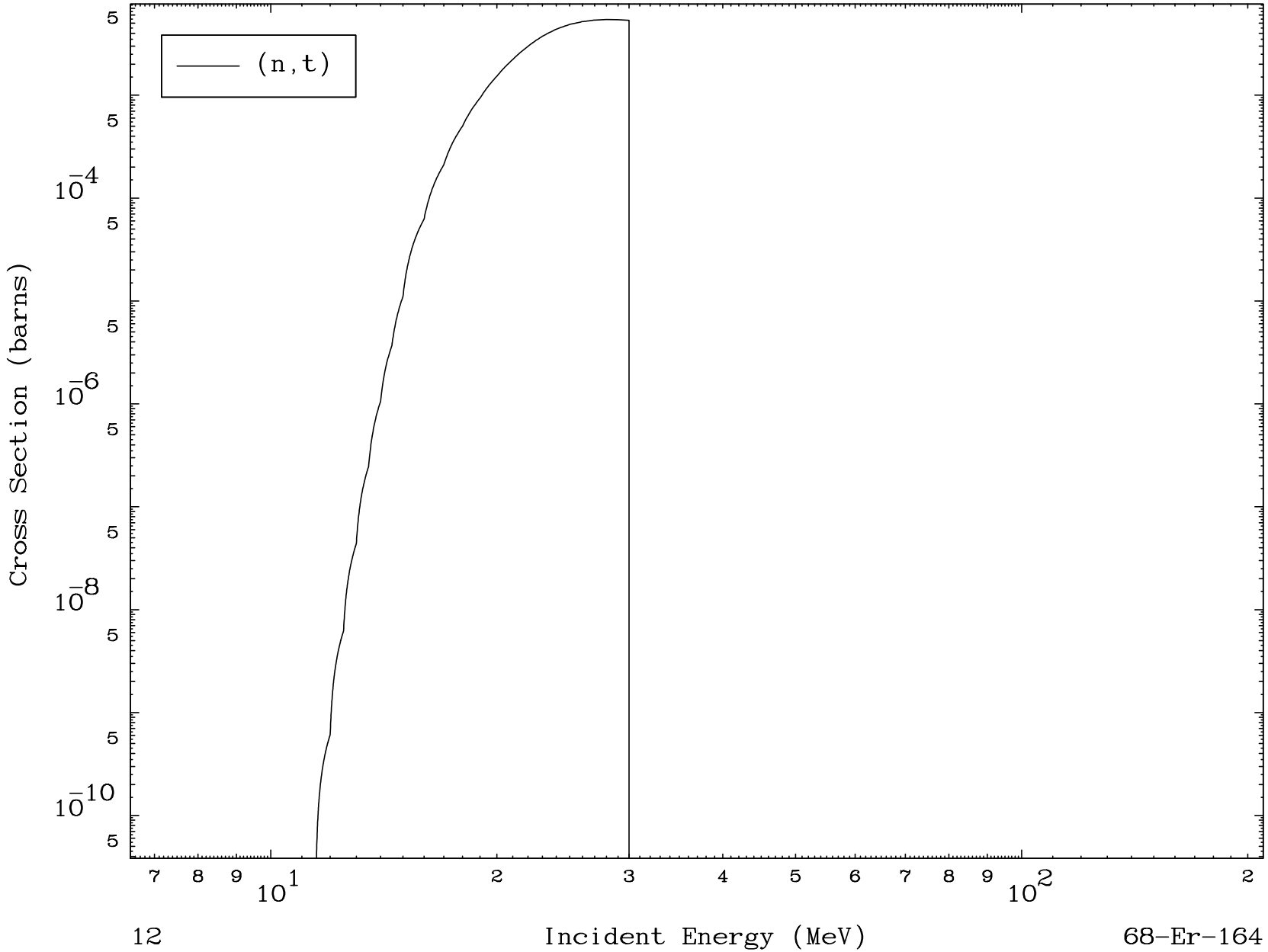

MAT 6831
(n,n') Levels
293 Kelvin Cross Sections
68-Er-164
Inelastic
MT= 51 (n,n') Level
MT= 52 (n,n') Level
MT= 53 (n,n') Level
MT= 54 (n,n') Level
MT= 55 (n,n') Level
MT= 56 (n,n') Level
MT= 57 (n,n') Level
MT= 58 (n,n') Level
MT= 59 (n,n') Level
Cross Section (barns)
Incident Energy (MeV)
8
68-Er-164

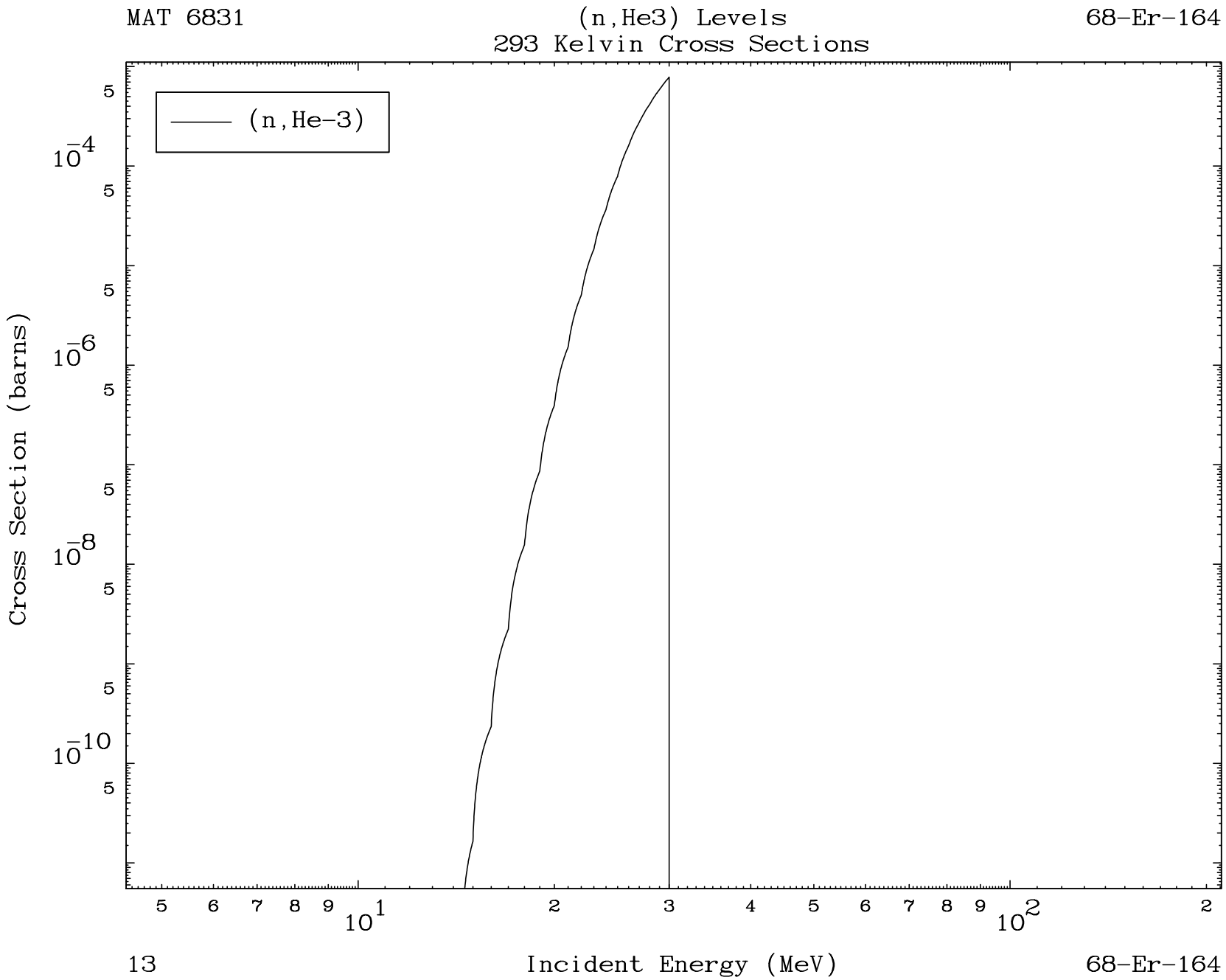

MAT 6831
(n,n') Levels
293 Kelvin Cross Sections
68-Er-164
Inelastic
MT= 60 (n,n') Level
MT= 61 (n,n') Level
MT= 62 (n,n') Level
MT= 63 (n,n') Level
MT= 64 (n,n') Level
MT= 65 (n,n') Level
MT= 66 (n,n') Level
(n,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
9
68-Er-164

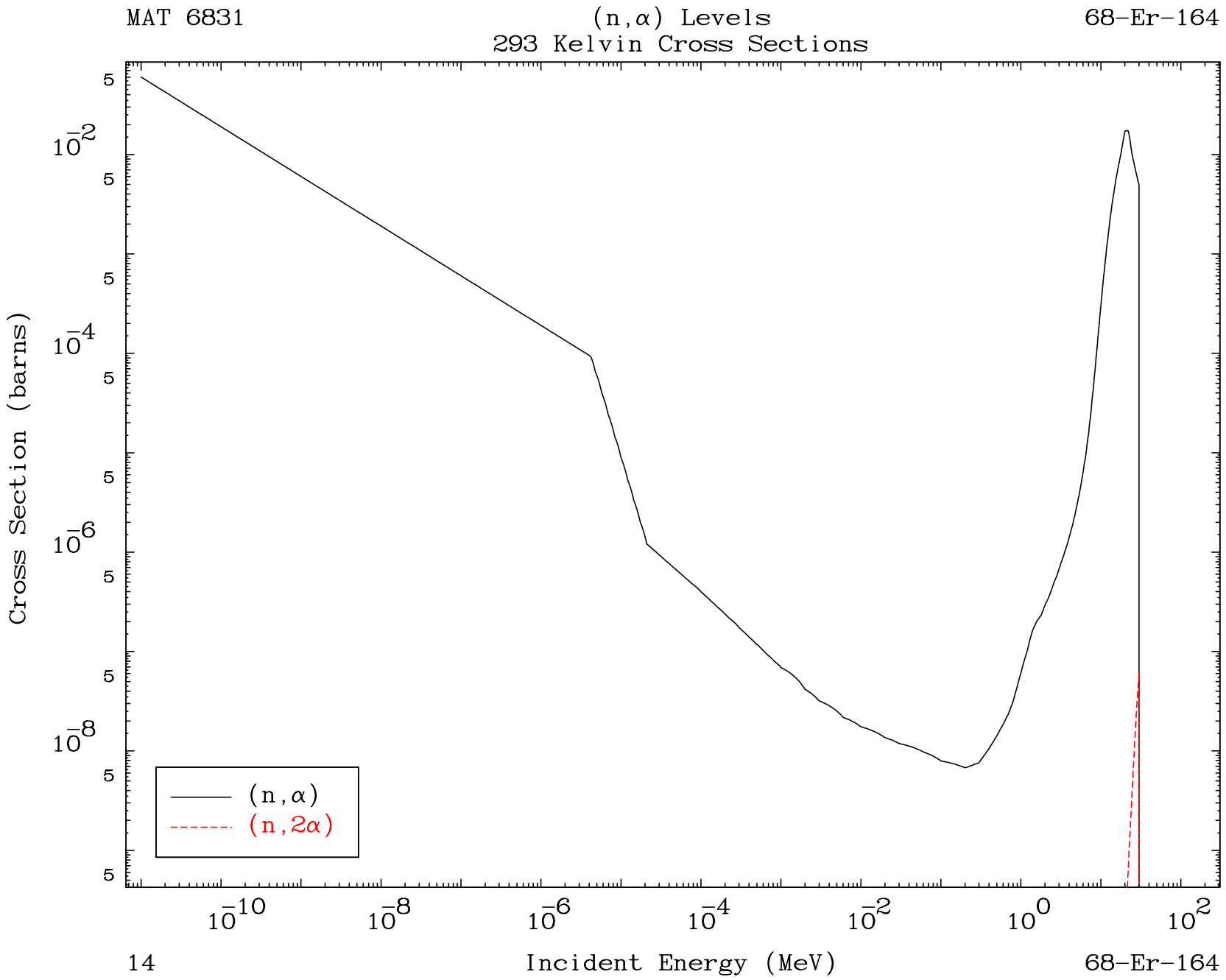

MAT 6831
(n,p) Levels
68-Er-164
293 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
68-Er-164

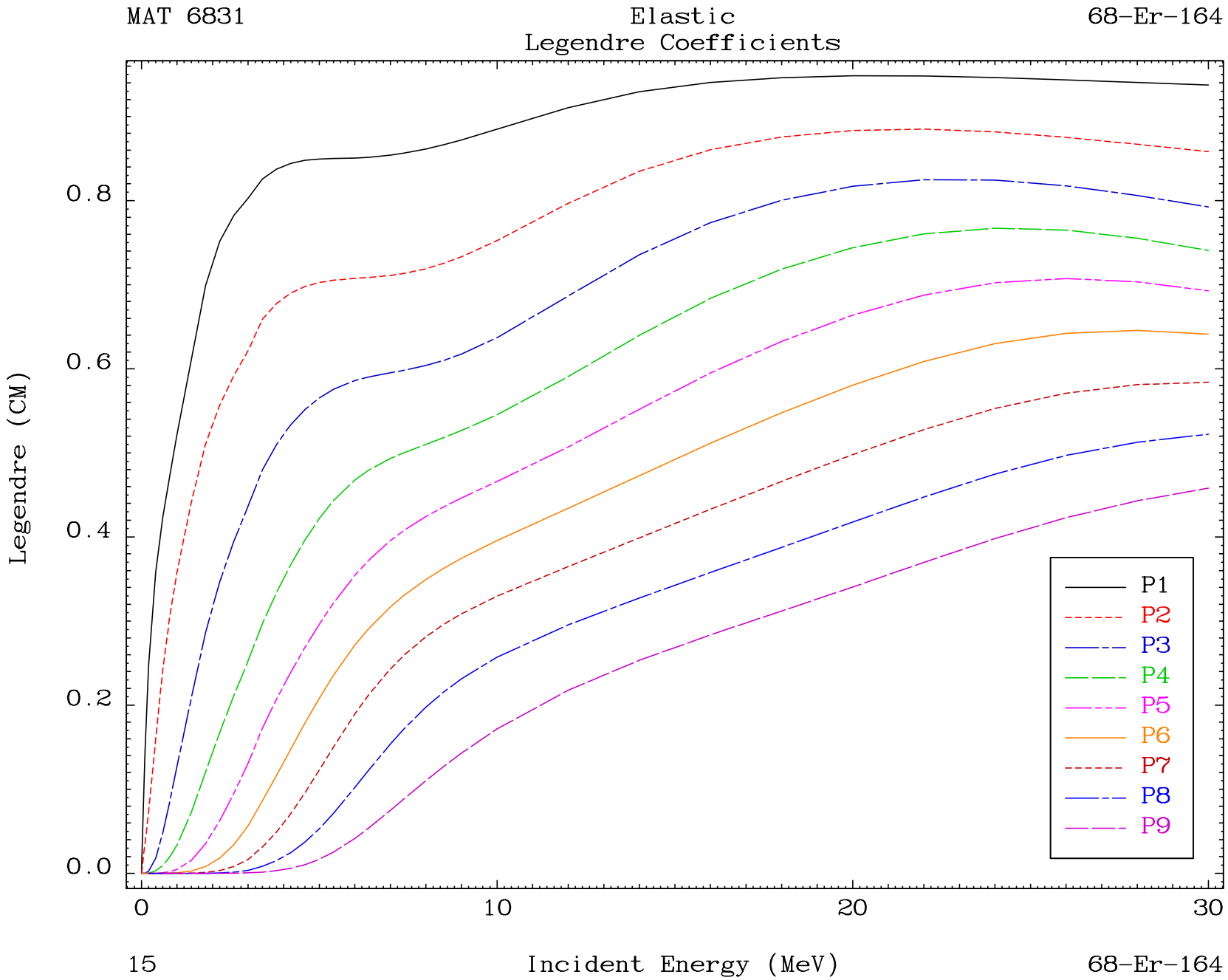

MAT 6831
(n,d) Levels
68-Er-164
293 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
10 1
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
11
68-Er-164

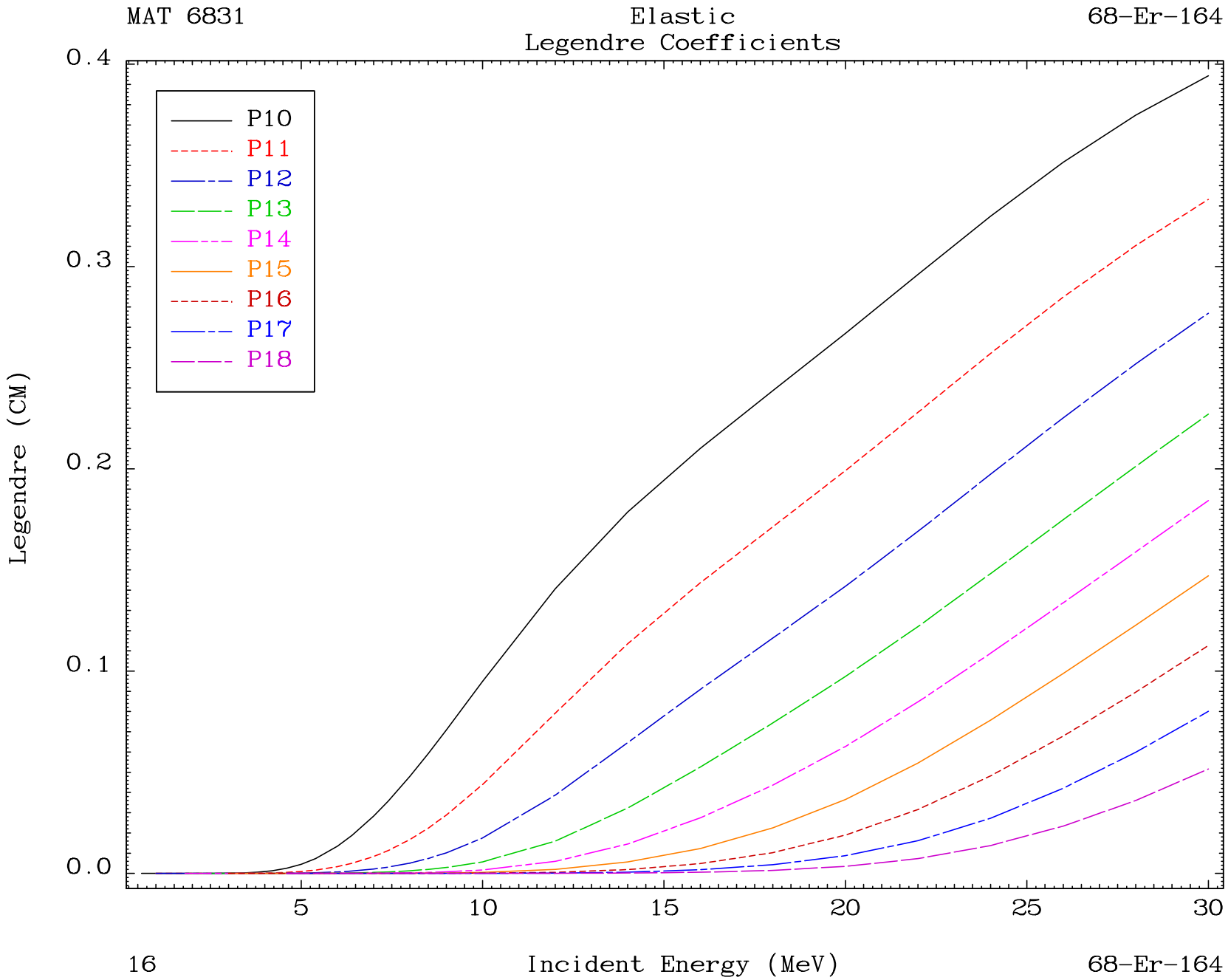
293 Kelvin Cross Sections

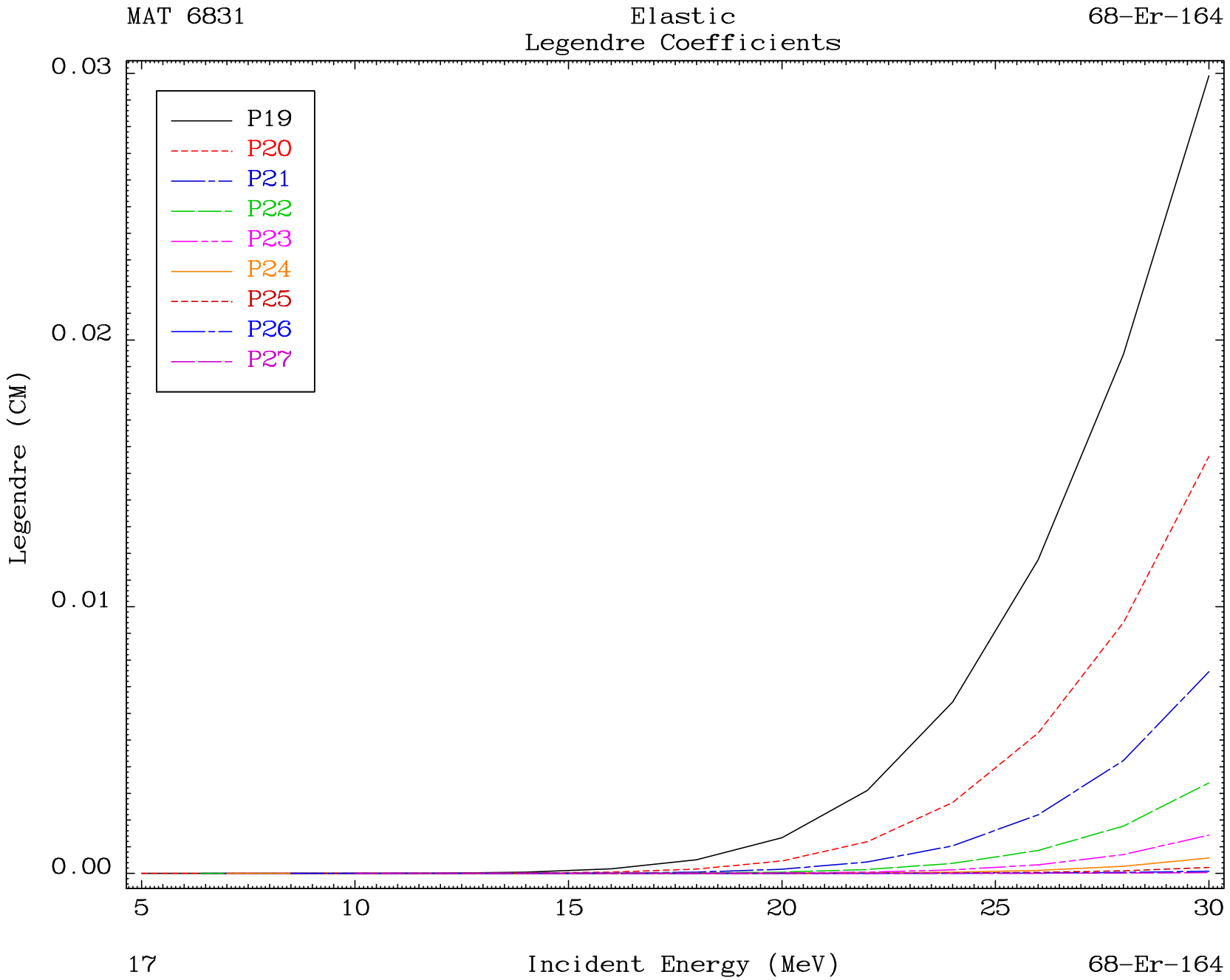


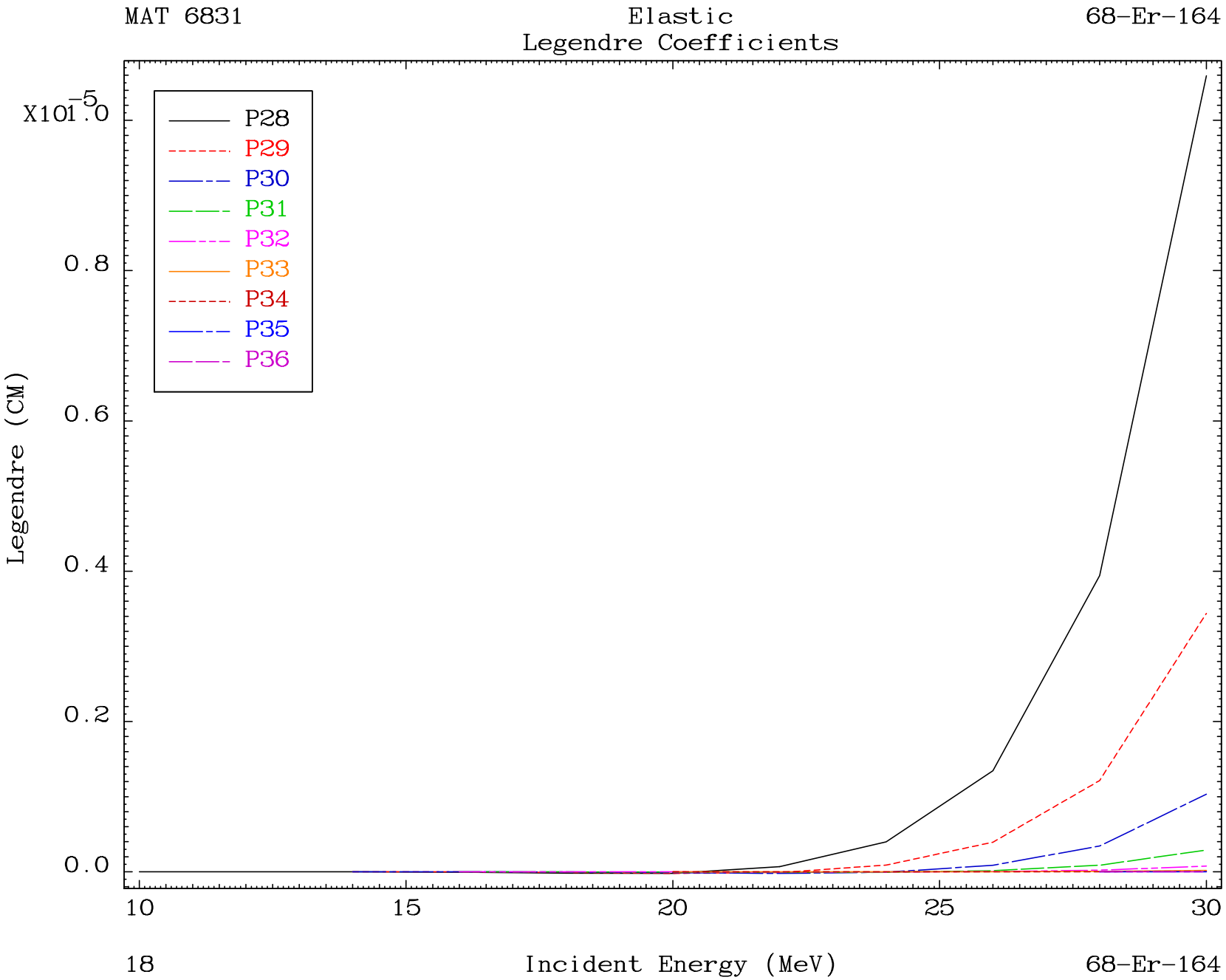

MAT 6831
(n,He3) Levels
68-Er-164
293 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
13
68-Er-164

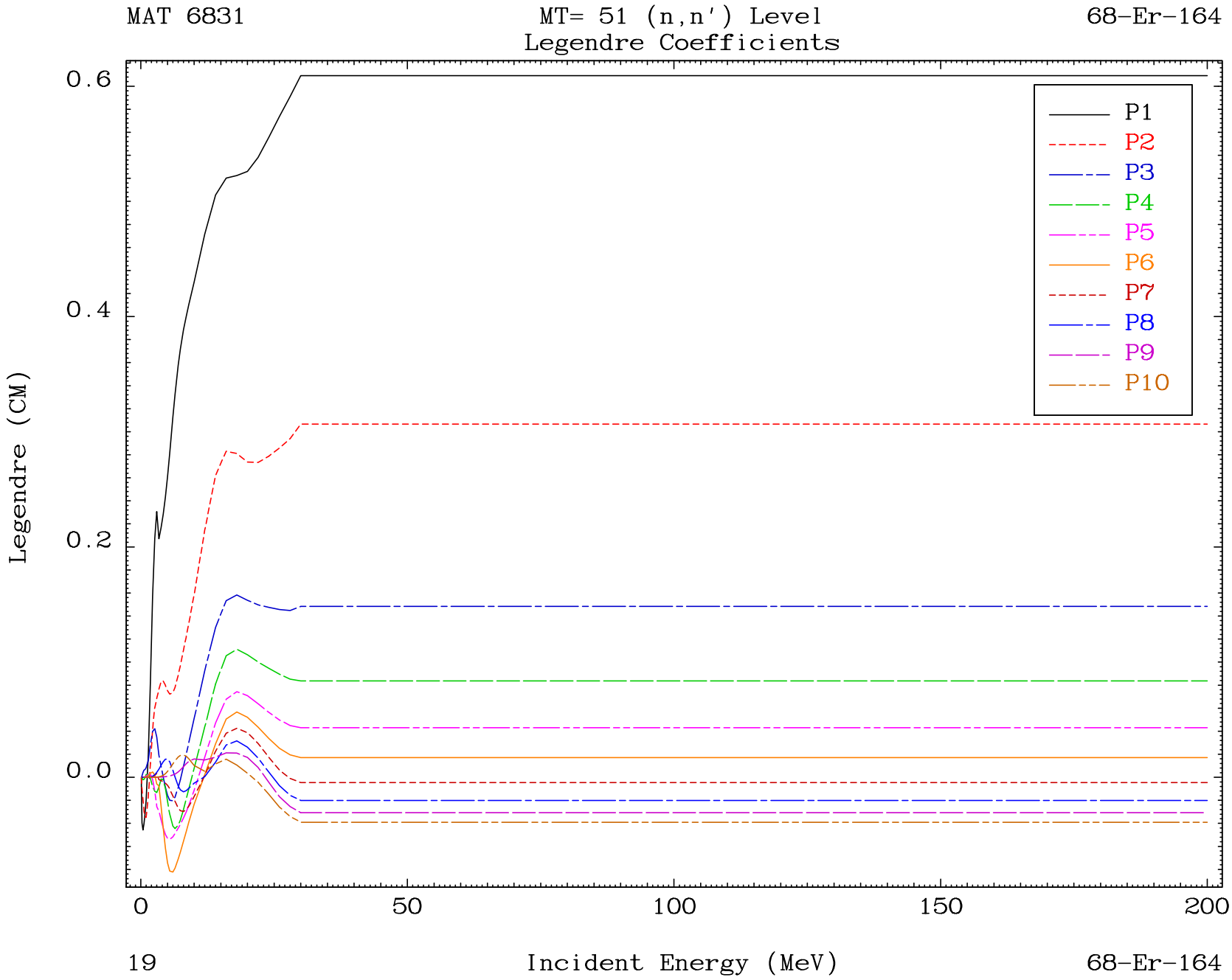

MAT 6831
(n,α) Levels
68-Er-164
293 Kelvin Cross Sections
Cross Section (barns)
Incident Energy (MeV)
(n,α)
(n,2α)
14
68-Er-164

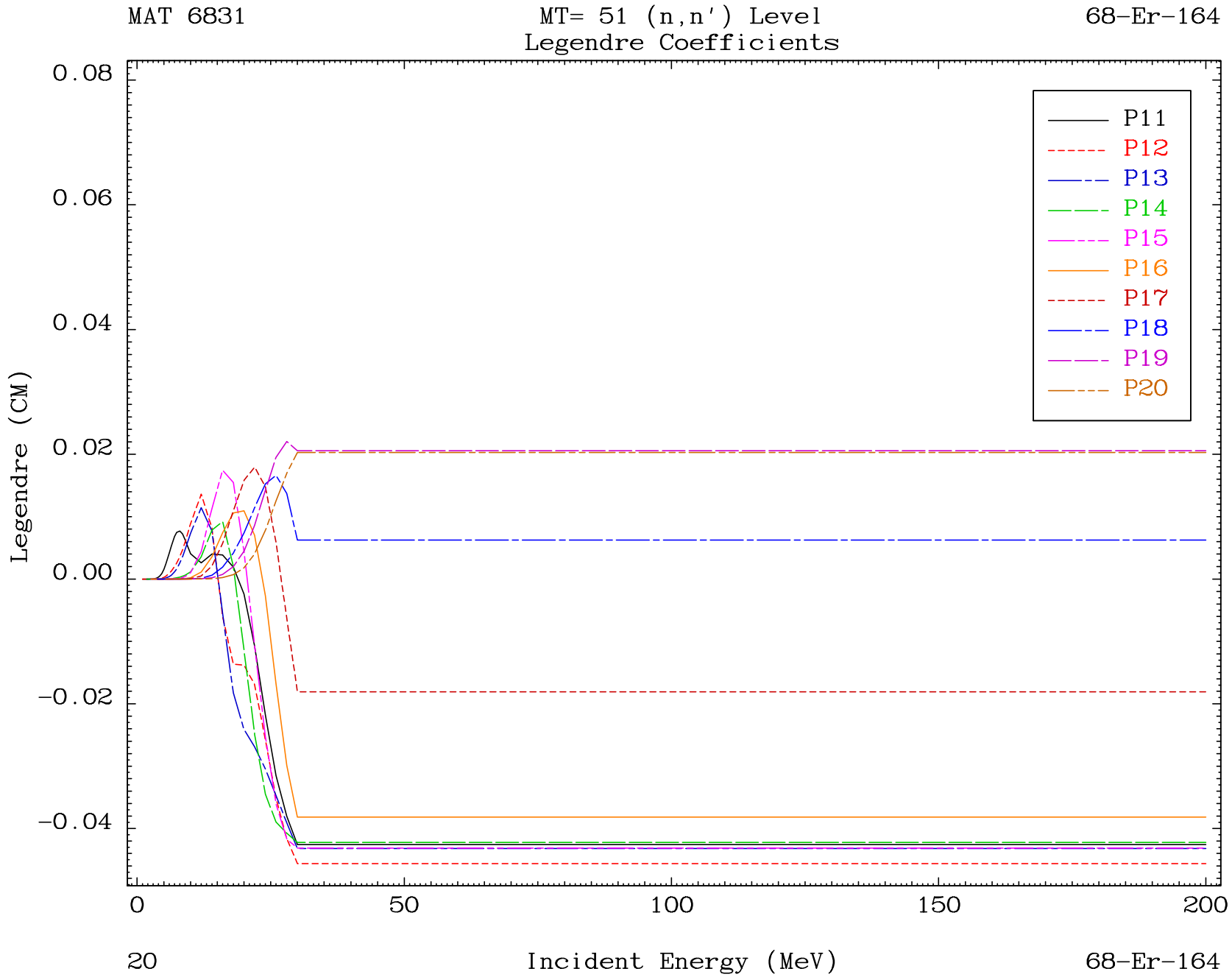

MAT 6831
Elastic
Legendre Coefficients
68-Er-164
Legendre (CM)
0.0
0.2
0.4
0.6
0.8
0
10
20
30
15
Incident Energy (MeV)
68-Er-164
P1
P2
P3
P4
P5
P6
P7
P8
P9

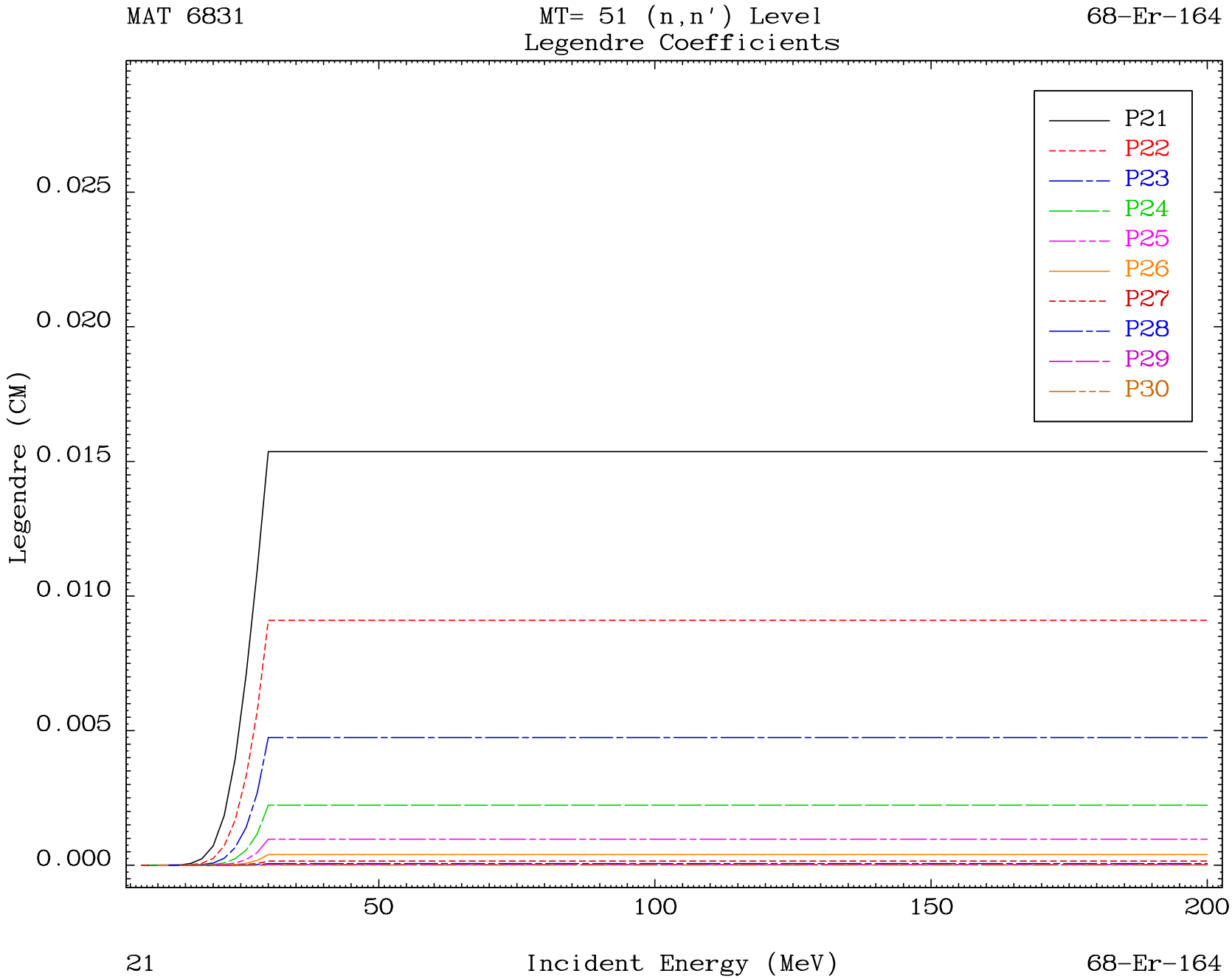

MAT 6831
Elastic
Legendre Coefficients
68-Er-164
P10
P11
P12
P13
P14
P15
P16
P17
P18
Legendre (CM)
0.4
0.3
0.2
0.1
0.0
5
10
15
20
25
30
16
Incident Energy (MeV)
68-Er-164

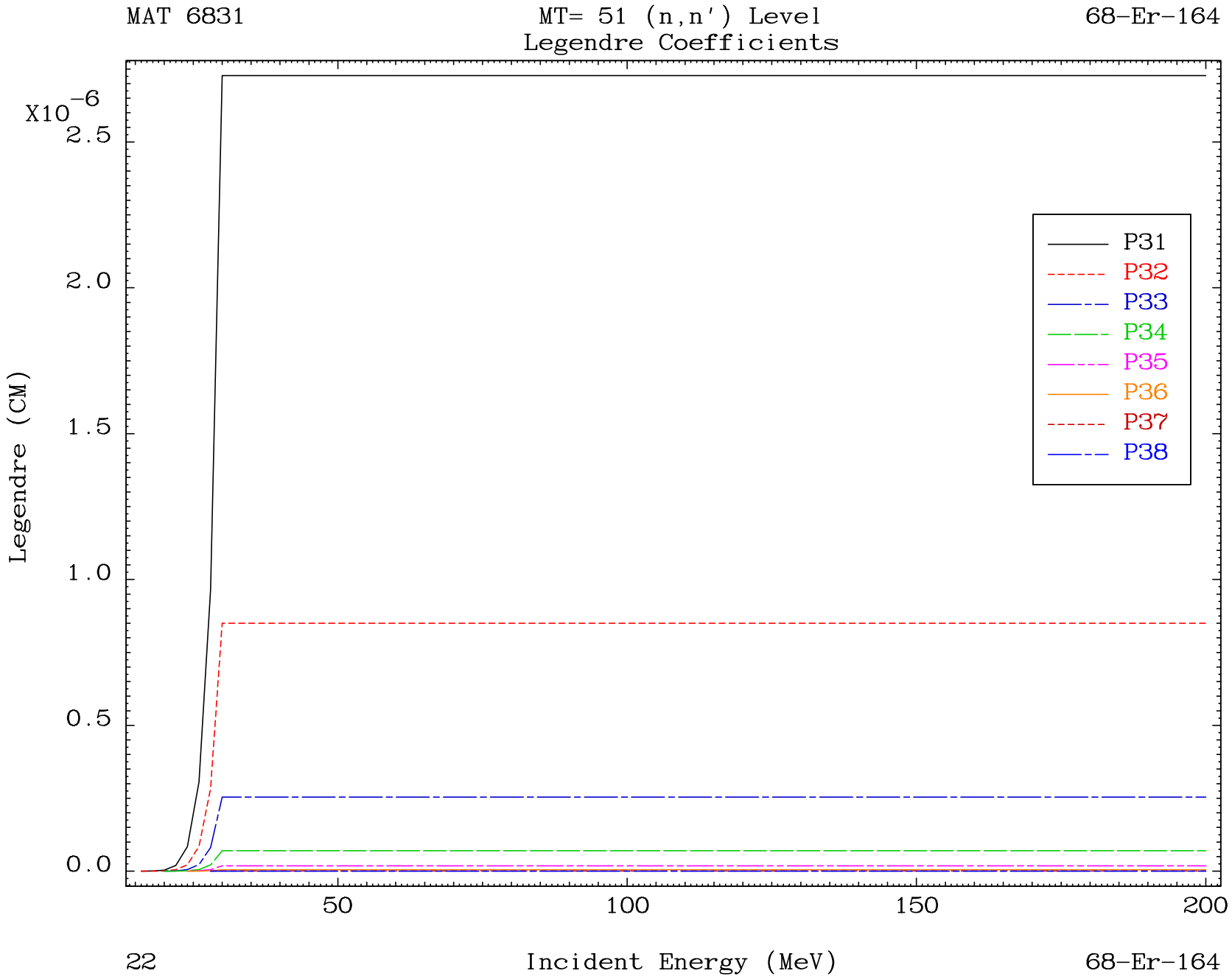

MAT 6831
Elastic
Legendre Coefficients
68-Er-164
0.03
0.02
0.01
0.00
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
P27
5
10
15
20
25
30
17
Incident Energy (MeV)
68-Er-164

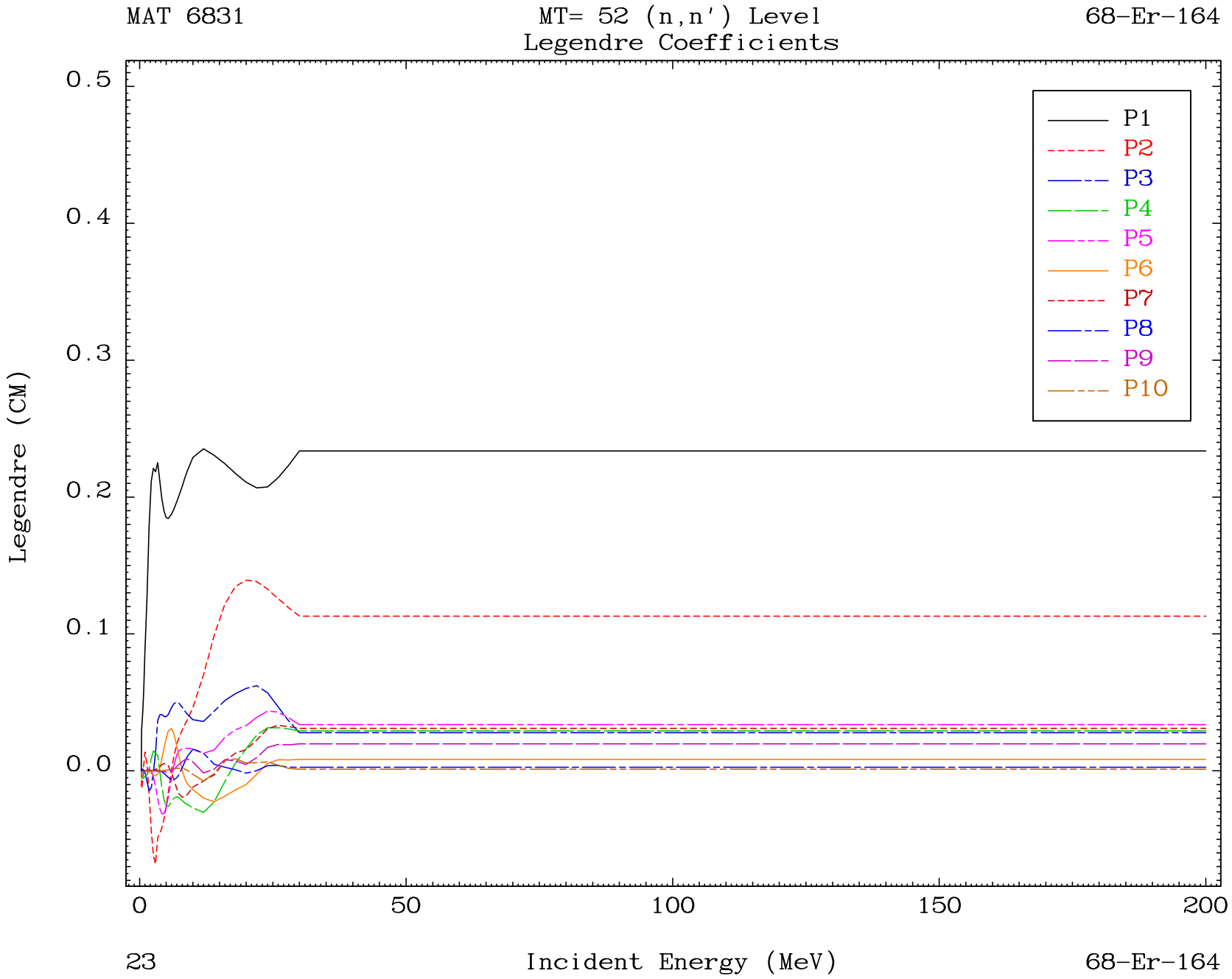

MAT 6831
Elastic
Legendre Coefficients
68-Er-164
X10^-5
1.0
0.8
0.6
0.4
0.2
0.0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
P35
P36
10
15
20
25
30
18
Incident Energy (MeV)
68-Er-164

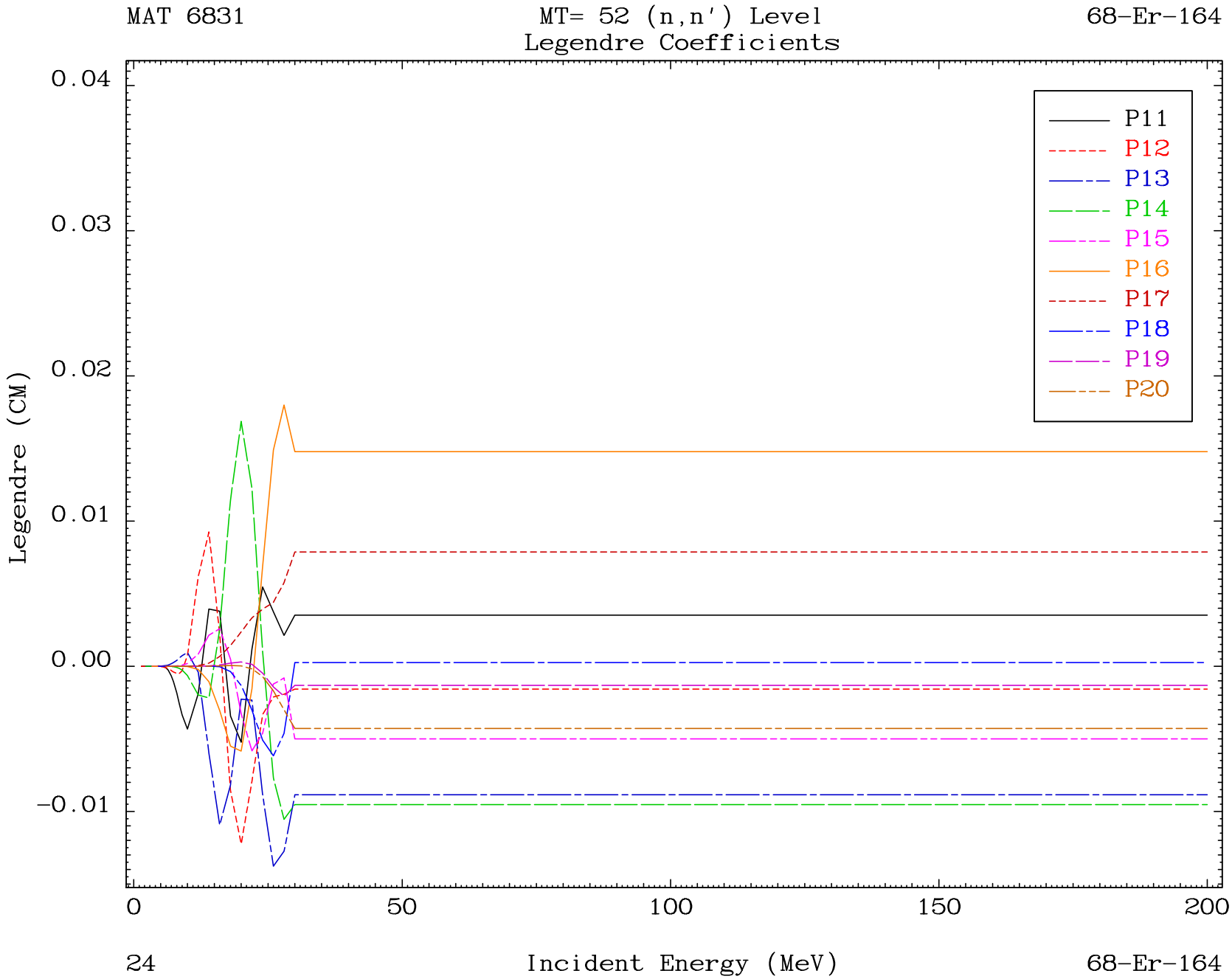

MAT 6831
MT= 51 (n,n') Level
Legendre Coefficients
68-Er-164
0.6
0.4
0.2
0.0
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10
0
50
100
150
200
19
Incident Energy (MeV)
68-Er-164

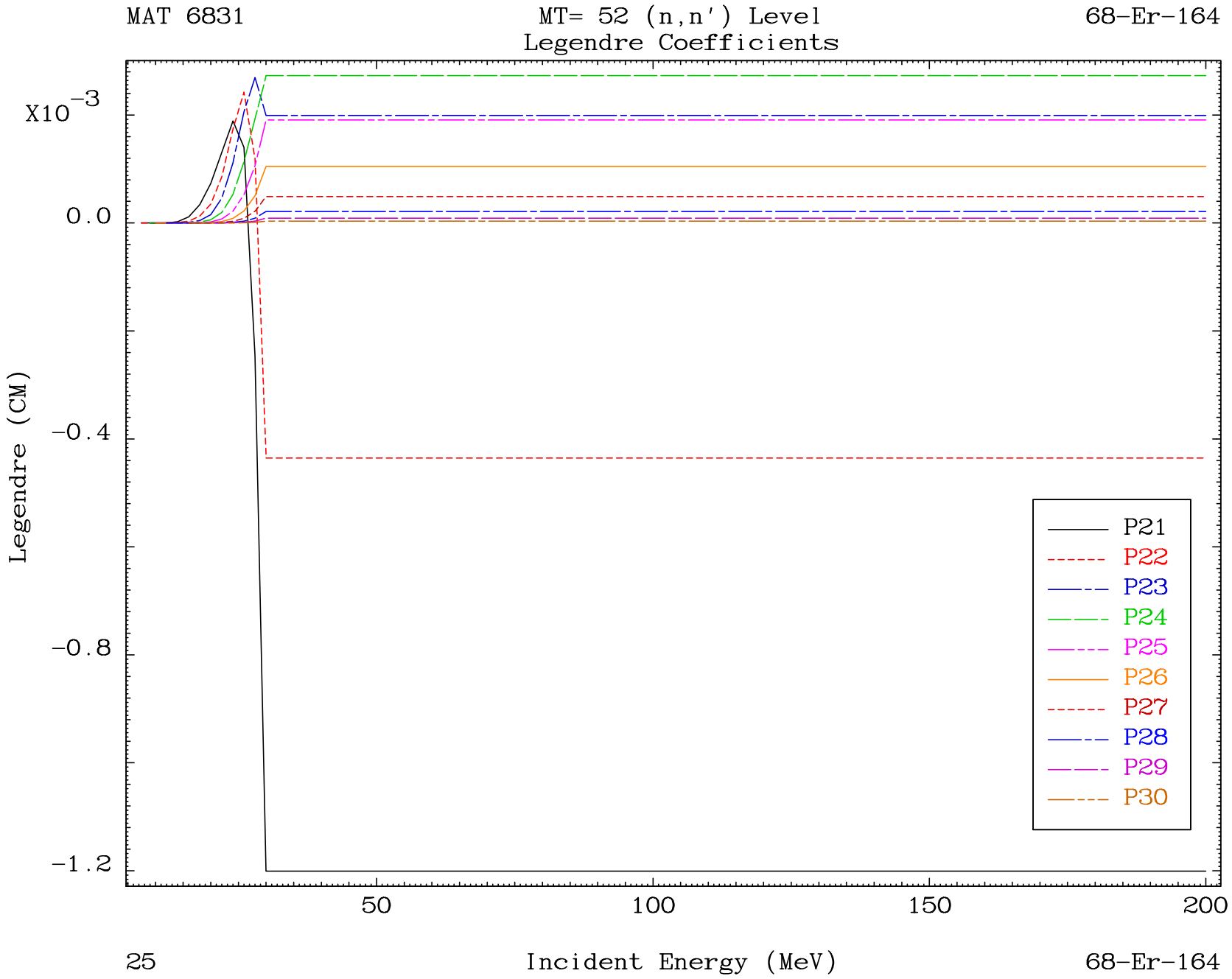

MAT 6831
MT= 51 (n,n') Level
Legendre Coefficients
68-Er-164
0.08
0.06
0.04
0.02
0.00
-0.02
-0.04
Legendre (CM)
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20
0
50
100
150
200
20
Incident Energy (MeV)
68-Er-164

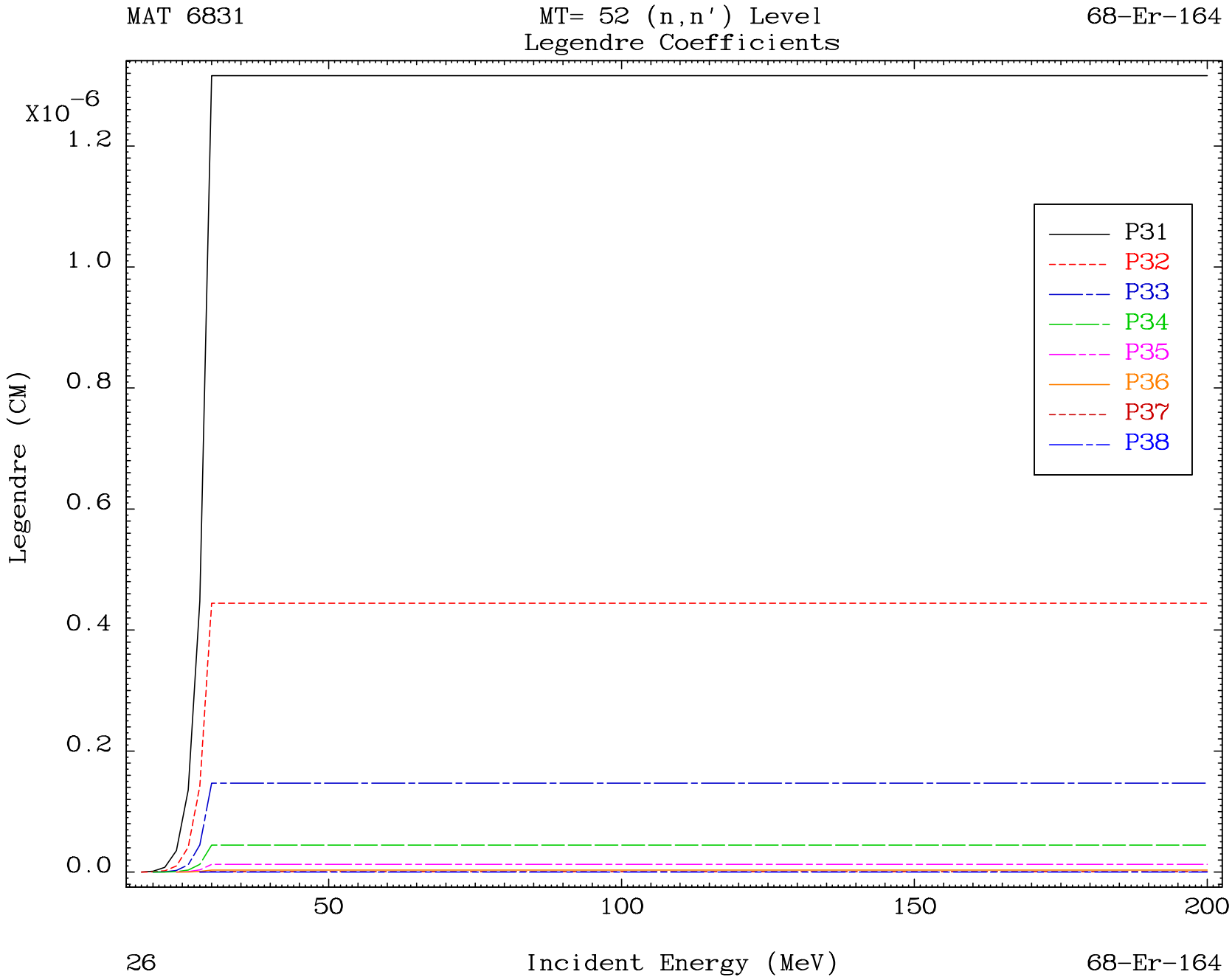

MAT 6831
MT= 51 (n,n') Level
Legendre Coefficients
68-Er-164
P21
P22
P23
P24
P25
P26
P27
P28
P29
P30
0.025
0.020
0.015
0.010
0.005
0.000
Legendre (CM)
50
100
150
200
21
Incident Energy (MeV)
68-Er-164

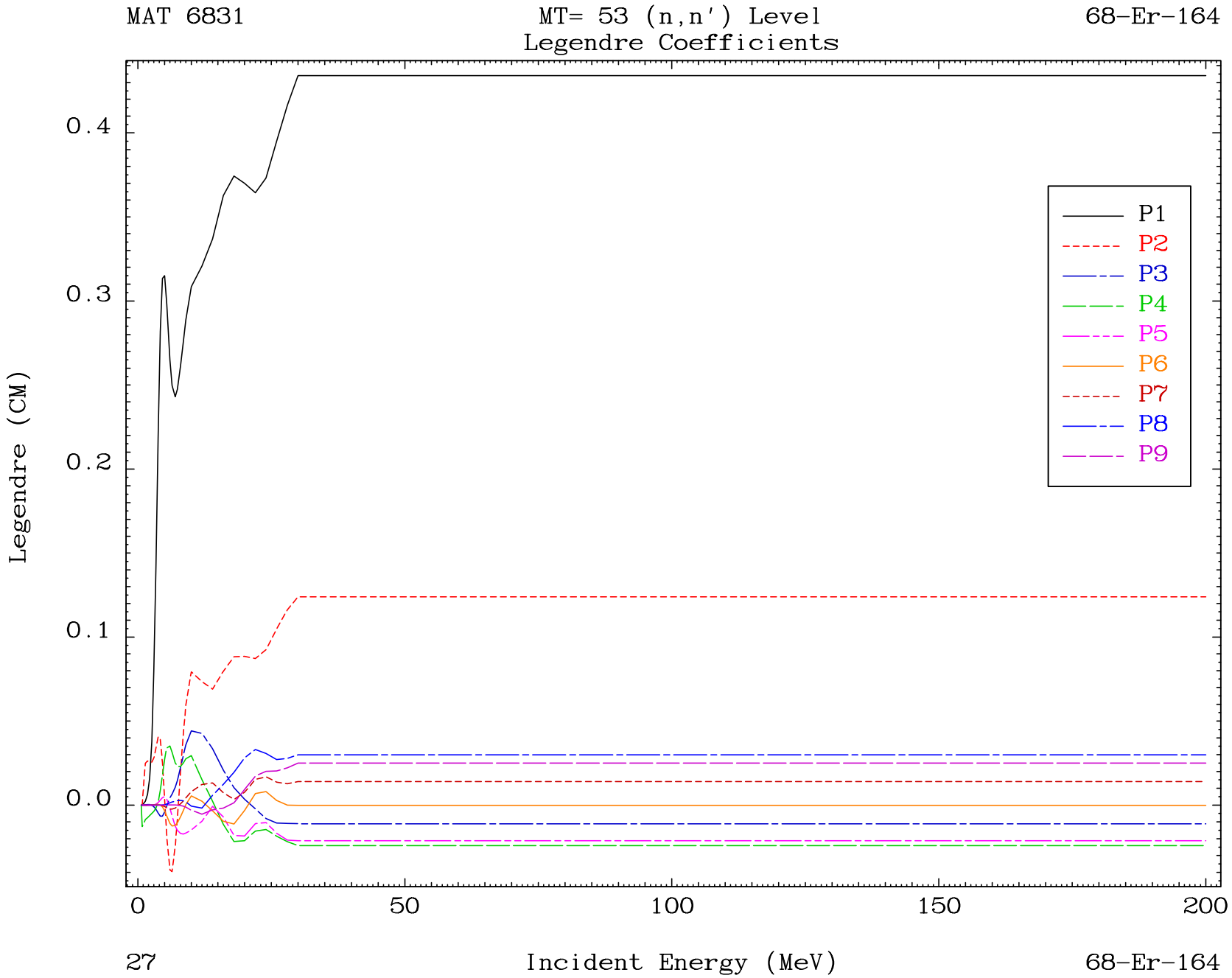

MAT 6831
MT= 51 (n,n') Level
Legendre Coefficients
68-Er-164
X10^-6
2.5
2.0
1.5
1.0
0.5
0.0
Legendre (CM)
50
100
150
200
22
Incident Energy (MeV)
68-Er-164
P31
P32
P33
P34
P35
P36
P37
P38

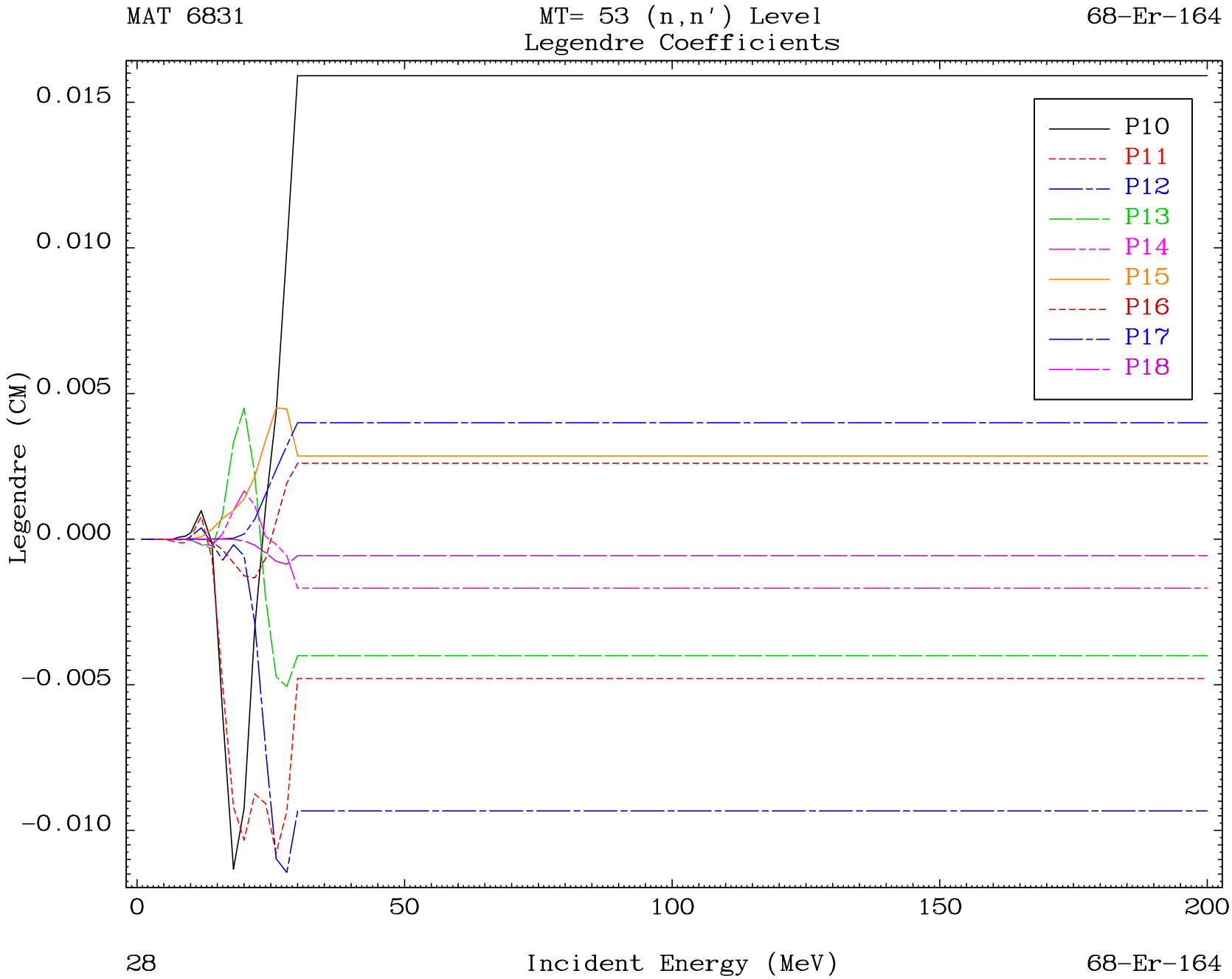

MAT 6831
MT= 52 (n,n') Level
Legendre Coefficients
68-Er-164
0.5
0.4
0.3
0.2
0.1
0.0
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10
0
50
100
150
200
23
Incident Energy (MeV)
68-Er-164

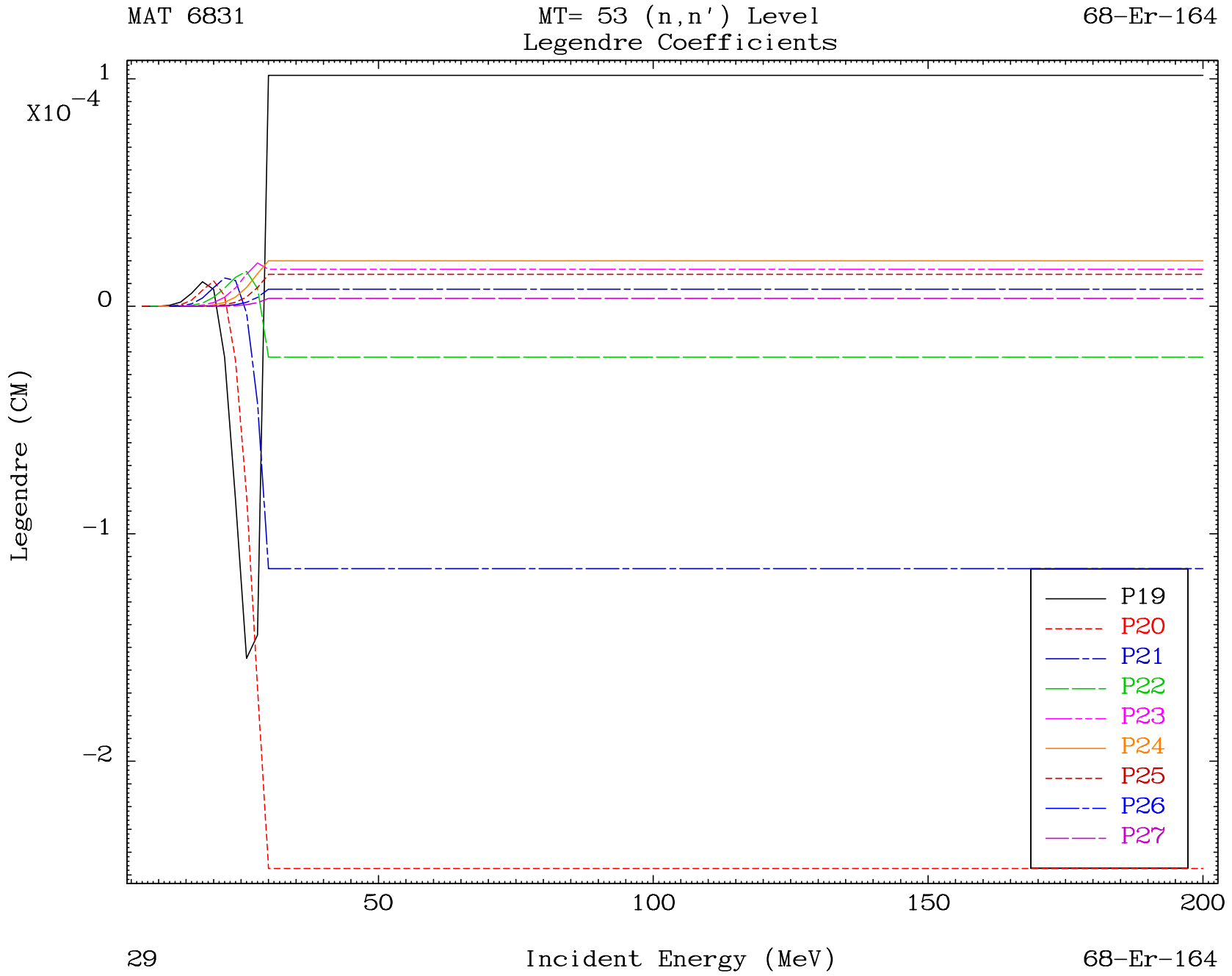

MAT 6831
MT= 52 (n,n') Level
Legendre Coefficients
68-Er-164
0.04
0.03
0.02
0.01
0.00
-0.01
Legendre (CM)
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20
0
50
100
150
200
24
Incident Energy (MeV)
68-Er-164

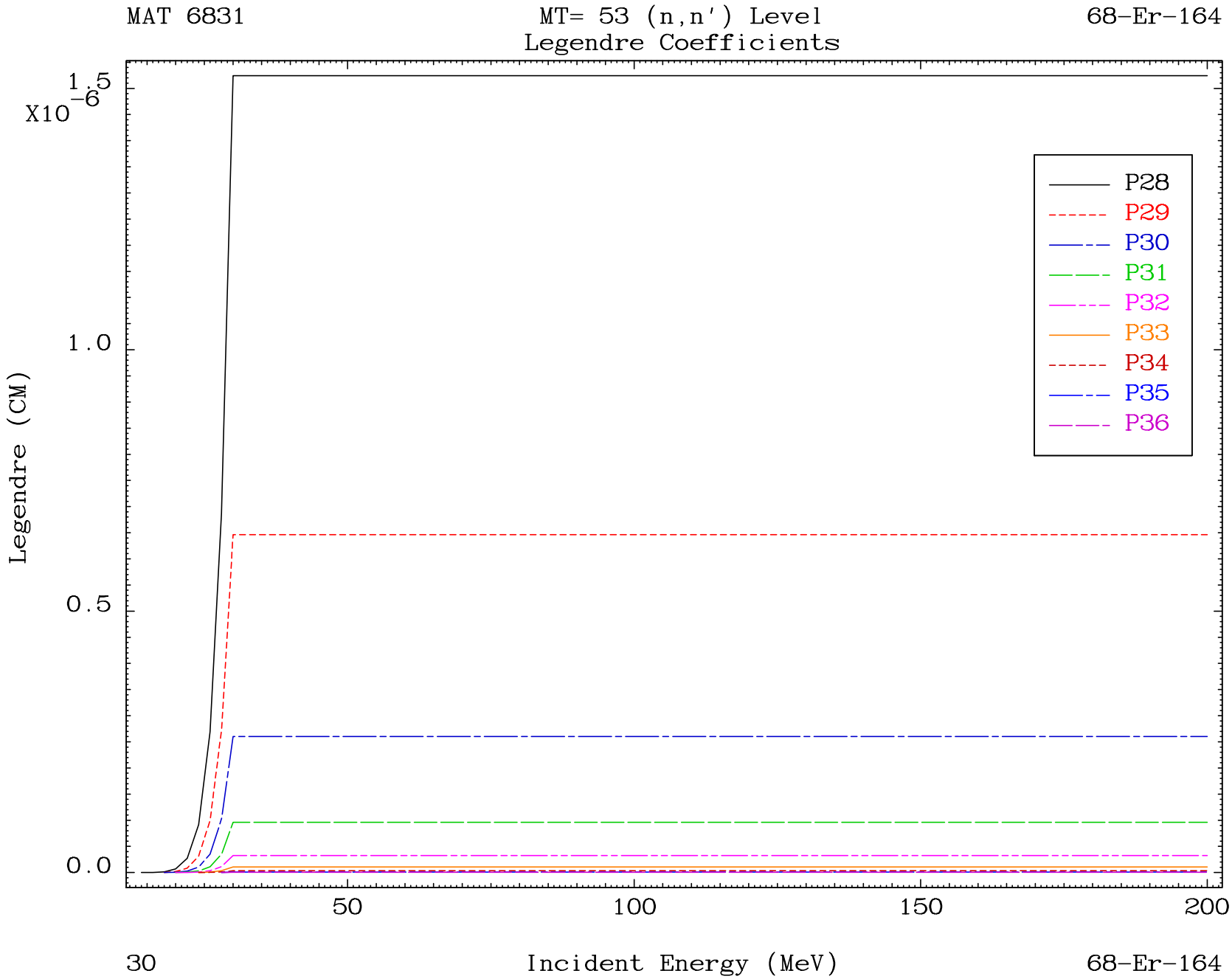

MAT 6831
MT= 52 (n,n') Level
Legendre Coefficients
68-Er-164
X10−3
0.0
−0.4
−0.8
−1.2
Legendre (CM)
50
100
150
200
25
Incident Energy (MeV)
68-Er-164
P21
P22
P23
P24
P25
P26
P27
P28
P29
P30

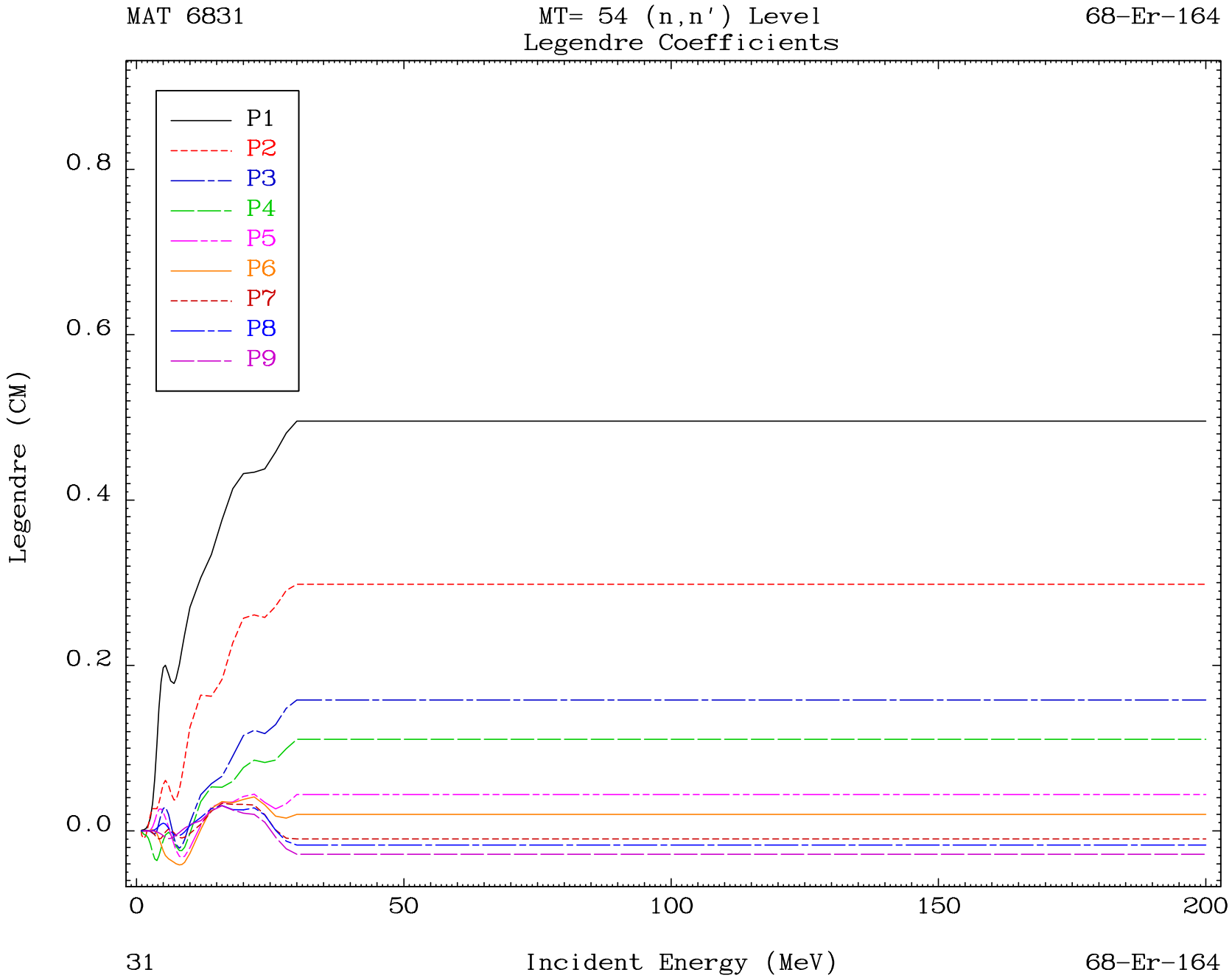

MAT 6831
MT= 52 (n,n') Level
Legendre Coefficients
68-Er-164
X10^-6
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Legendre (CM)
P31
P32
P33
P34
P35
P36
P37
P38
50
100
150
200
26
Incident Energy (MeV)
68-Er-164

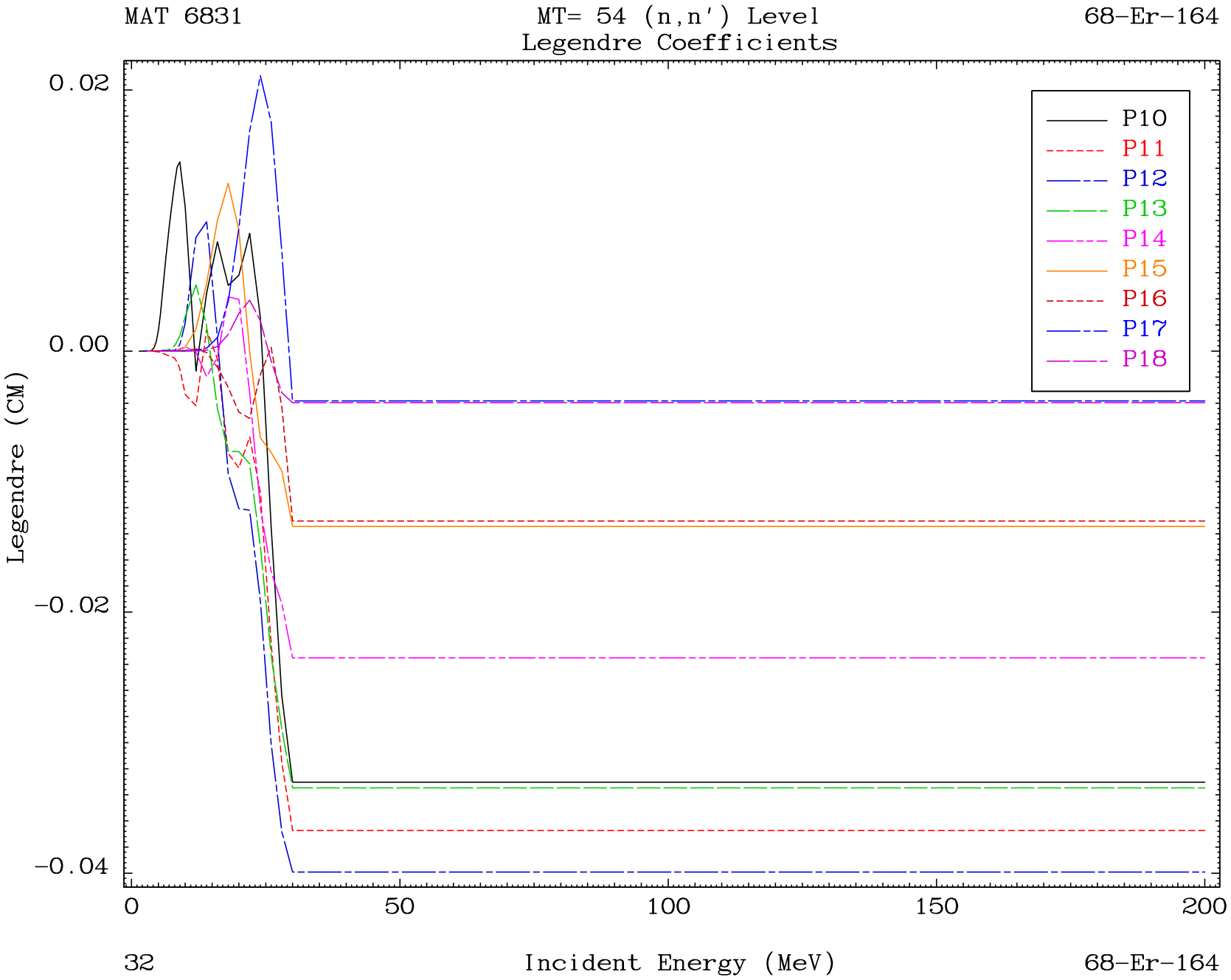

MAT 6831
MT= 53 (n,n') Level
Legendre Coefficients
68-Er-164
Legendre (CM)
0.4
0.3
0.2
0.1
0.0
0
50
100
150
200
P1
P2
P3
P4
P5
P6
P7
P8
P9
27
Incident Energy (MeV)
68-Er-164

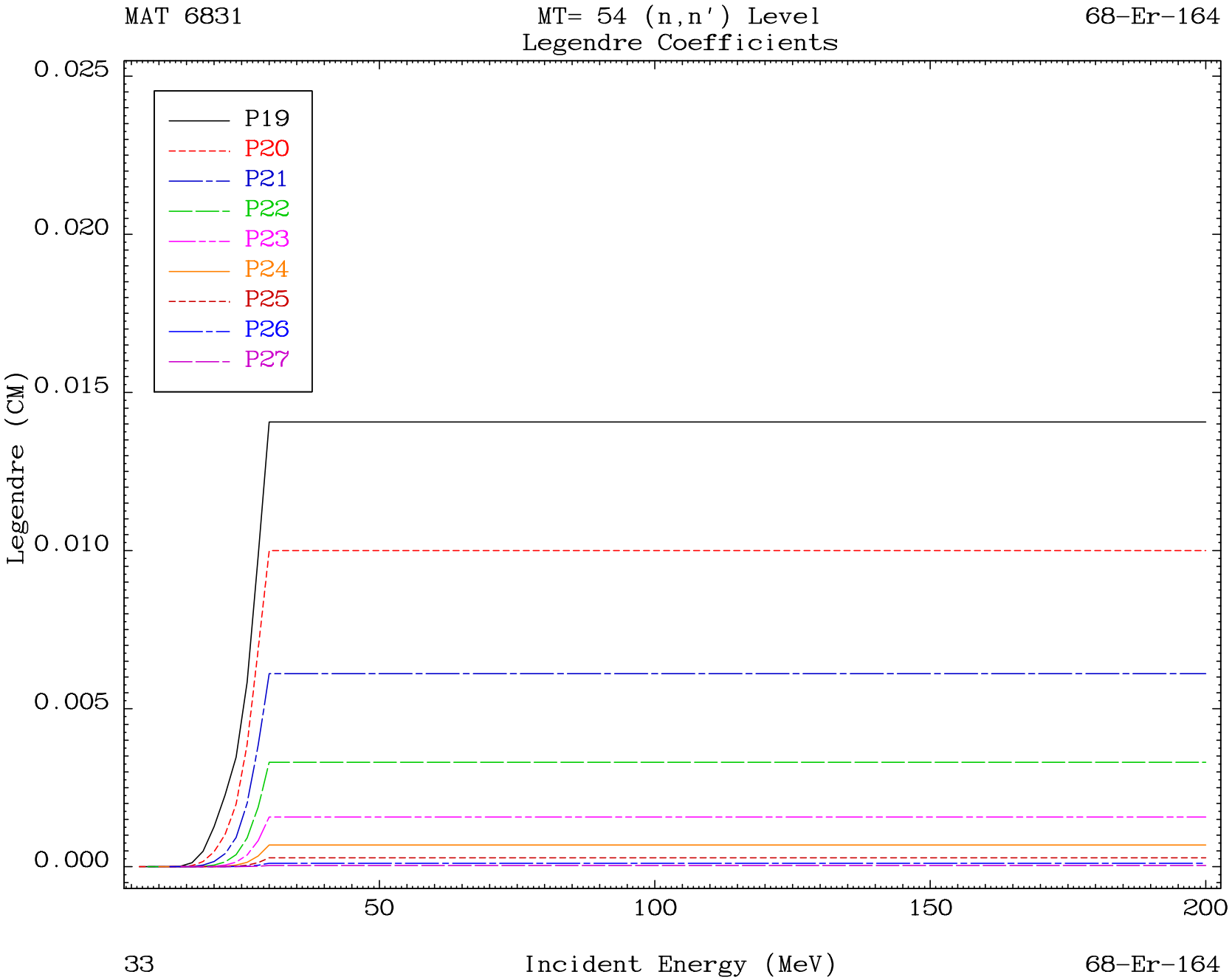

MAT 6831
MT= 53 (n,n') Level
Legendre Coefficients
68-Er-164
0.015
0.010
0.005
0.000
-0.005
-0.010
Legendre (CM)
P10
P11
P12
P13
P14
P15
P16
P17
P18
0
50
100
150
200
28
Incident Energy (MeV)
68-Er-164

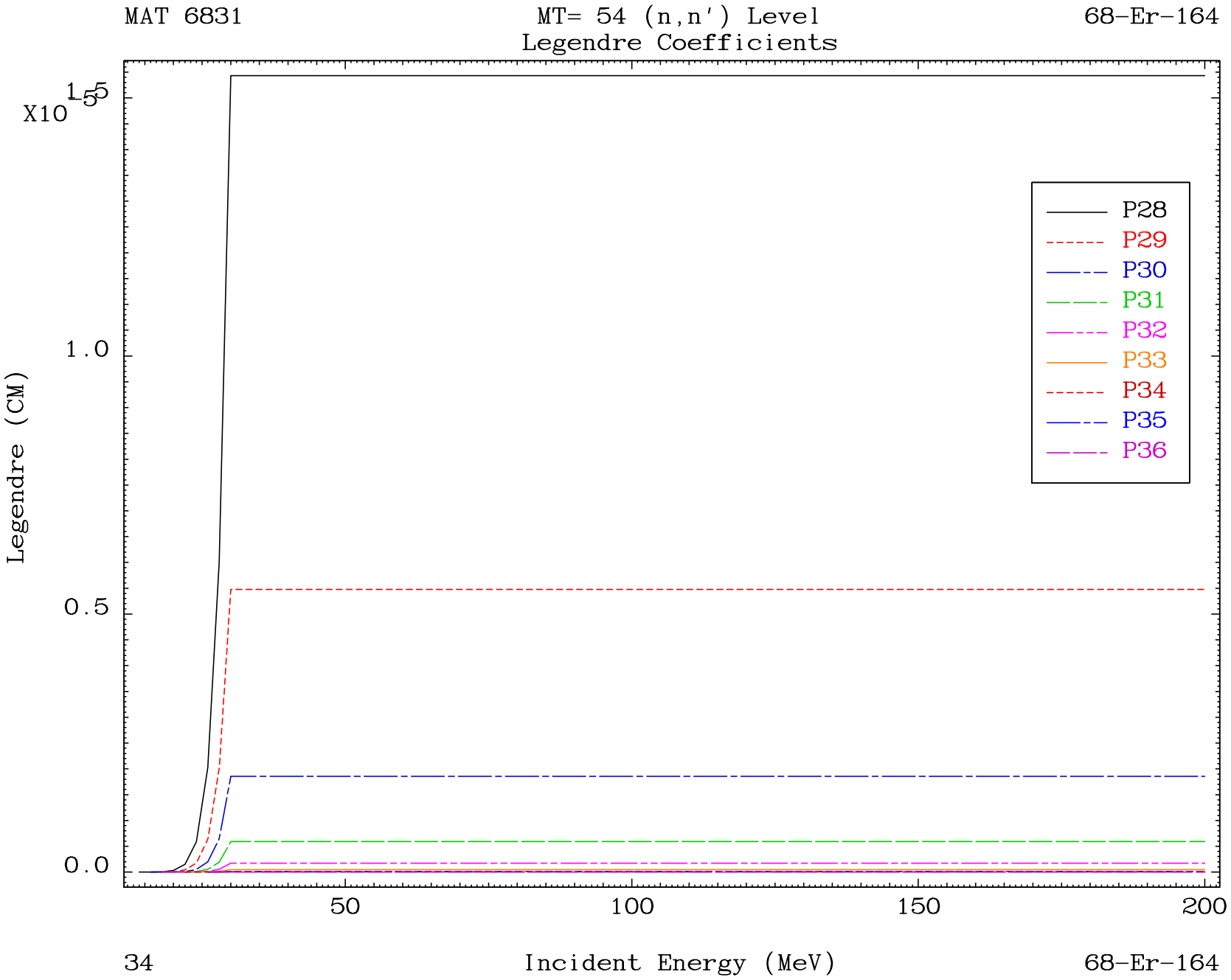

MAT 6831
MT= 53 (n,n') Level
Legendre Coefficients
68-Er-164
X10^-4
1
0
-1
-2
Legendre (CM)
50
100
150
200
29
Incident Energy (MeV)
68-Er-164
P19
P20
P21
P22
P23
P24
P25
P26
P27

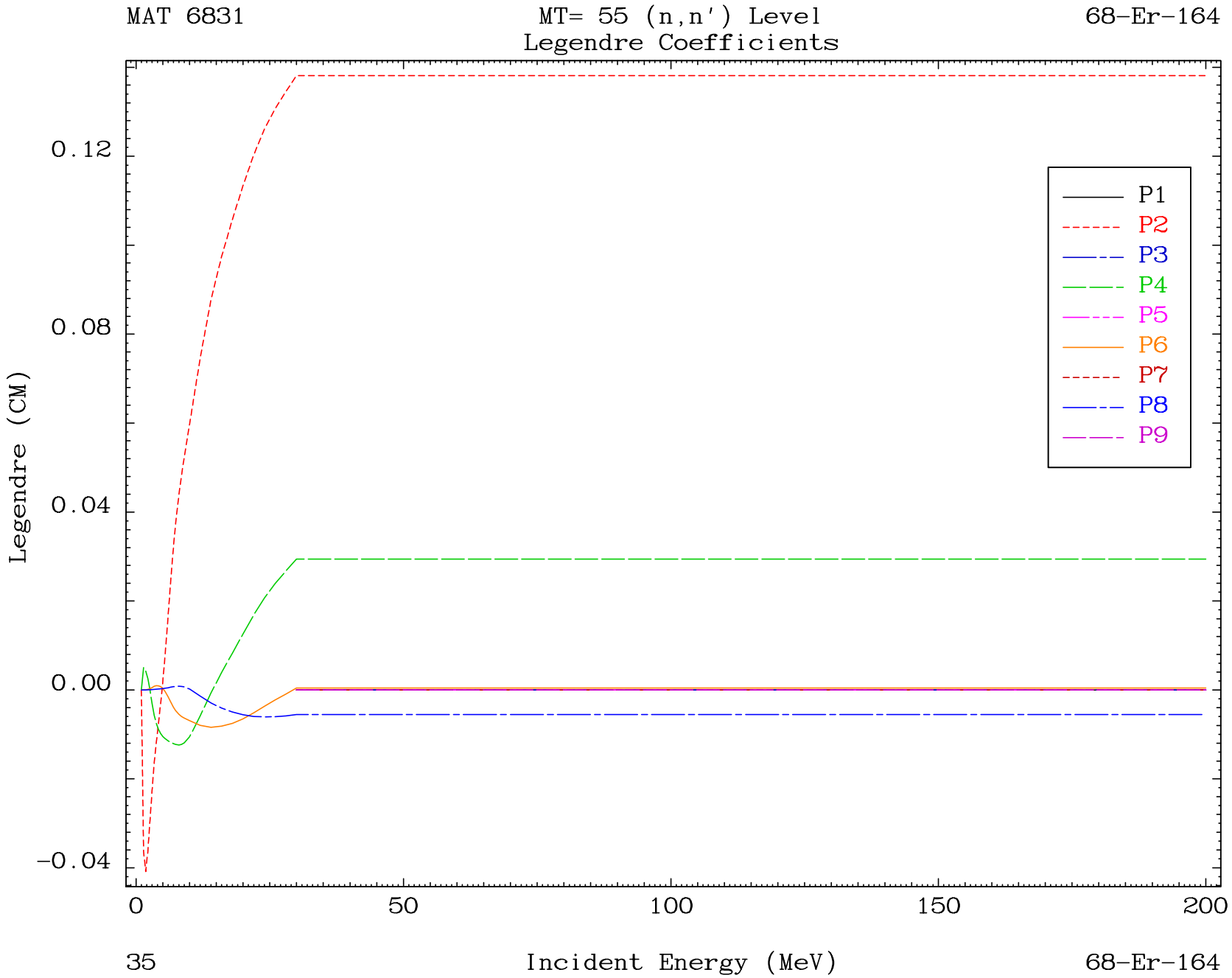

MAT 6831
MT= 53 (n,n') Level
Legendre Coefficients
68-Er-164
X10 -6
1.5
1.0
0.5
0.0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
P35
P36
30
50
100
150
200
Incident Energy (MeV)
68-Er-164

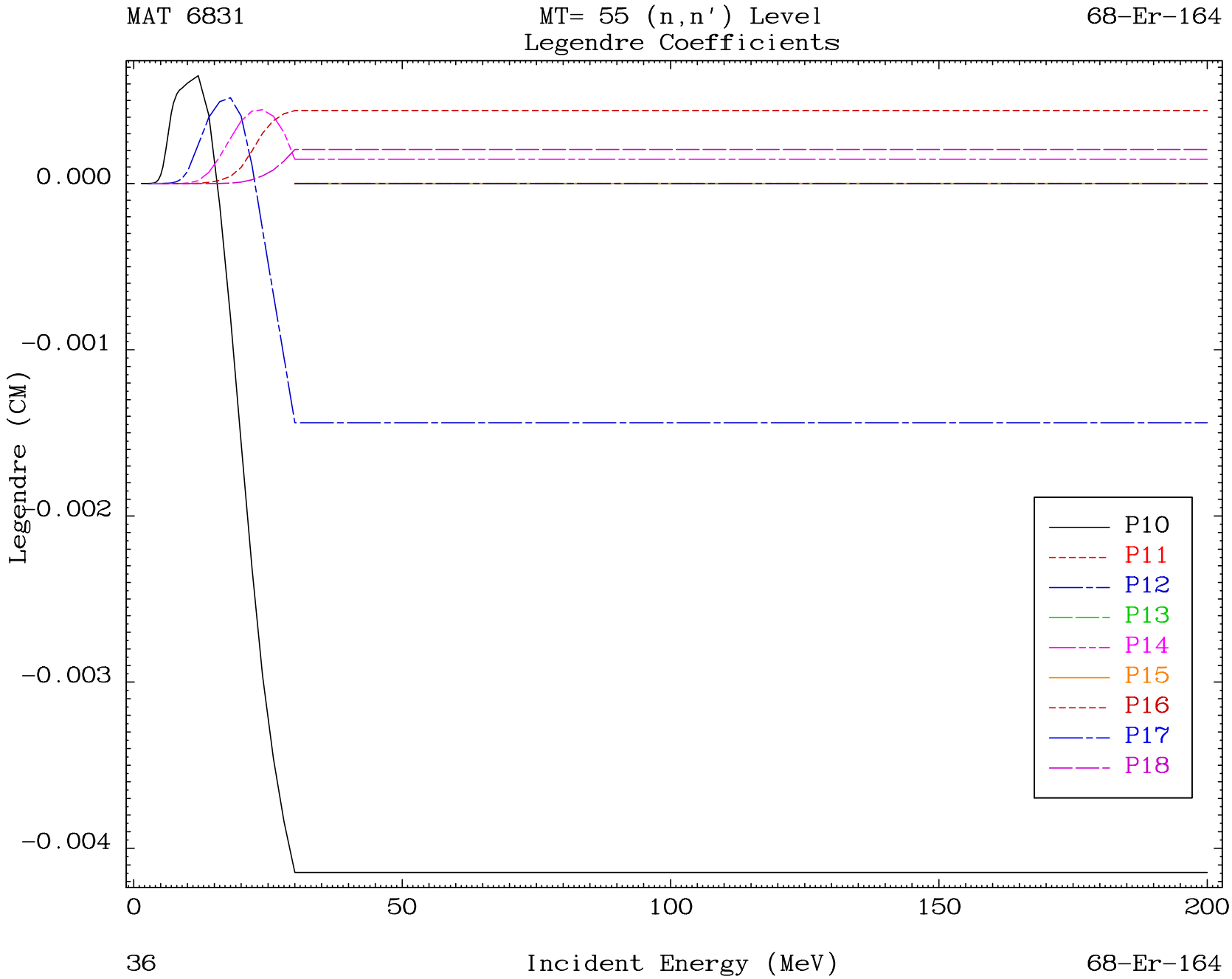

MAT 6831
MT= 54 (n,n') Level
Legendre Coefficients
68-Er-164
P1
P2
P3
P4
P5
P6
P7
P8
P9
Legendre (CM)
0.0
0.2
0.4
0.6
0.8
0
50
100
150
200
31
Incident Energy (MeV)
68-Er-164

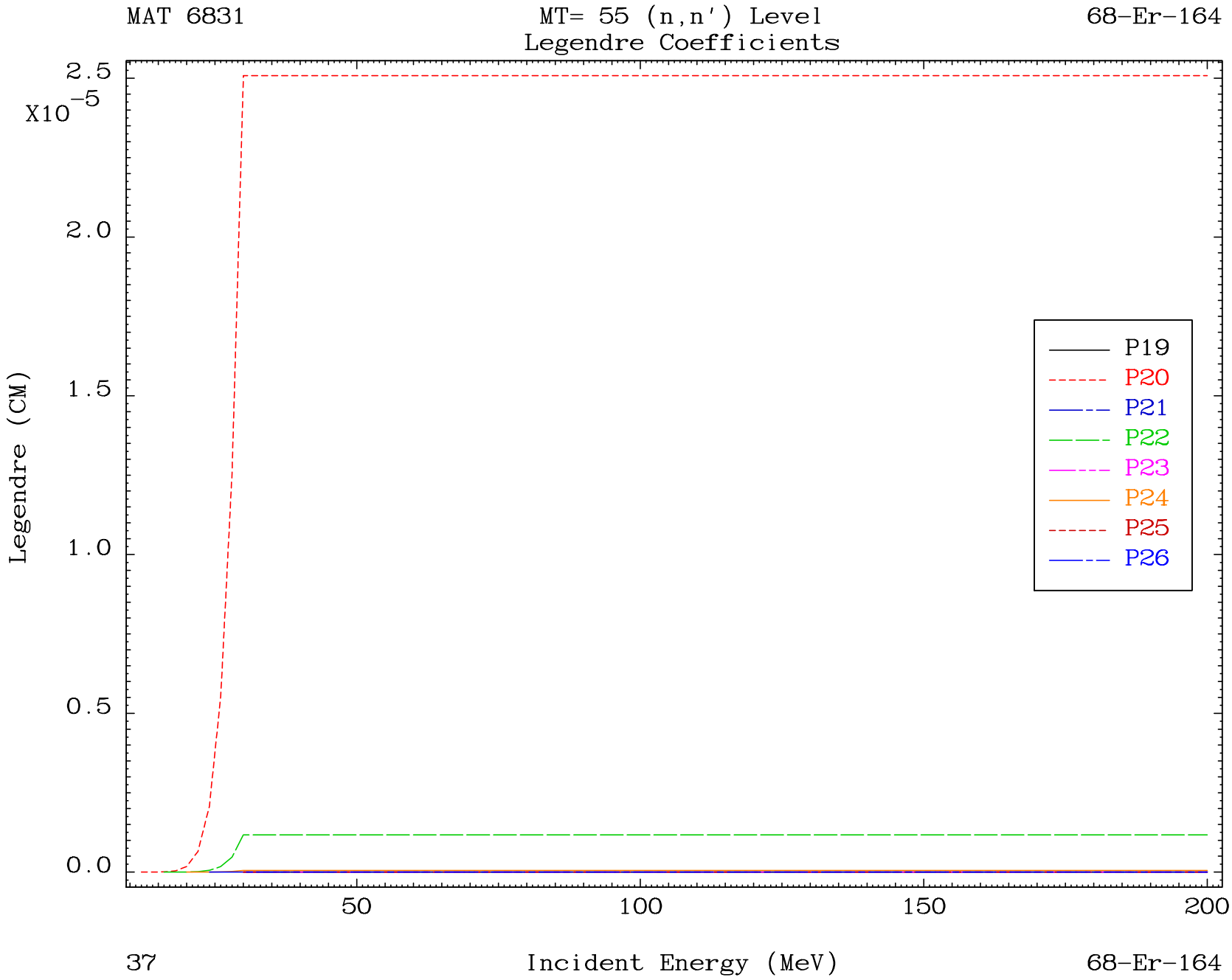

MAT 6831
MT= 54 (n,n') Level
Legendre Coefficients
68-Er-164
0.02
0.00
-0.02
-0.04
Legendre (CM)
P10
P11
P12
P13
P14
P15
P16
P17
P18
0
50
100
150
200
32
Incident Energy (MeV)
68-Er-164

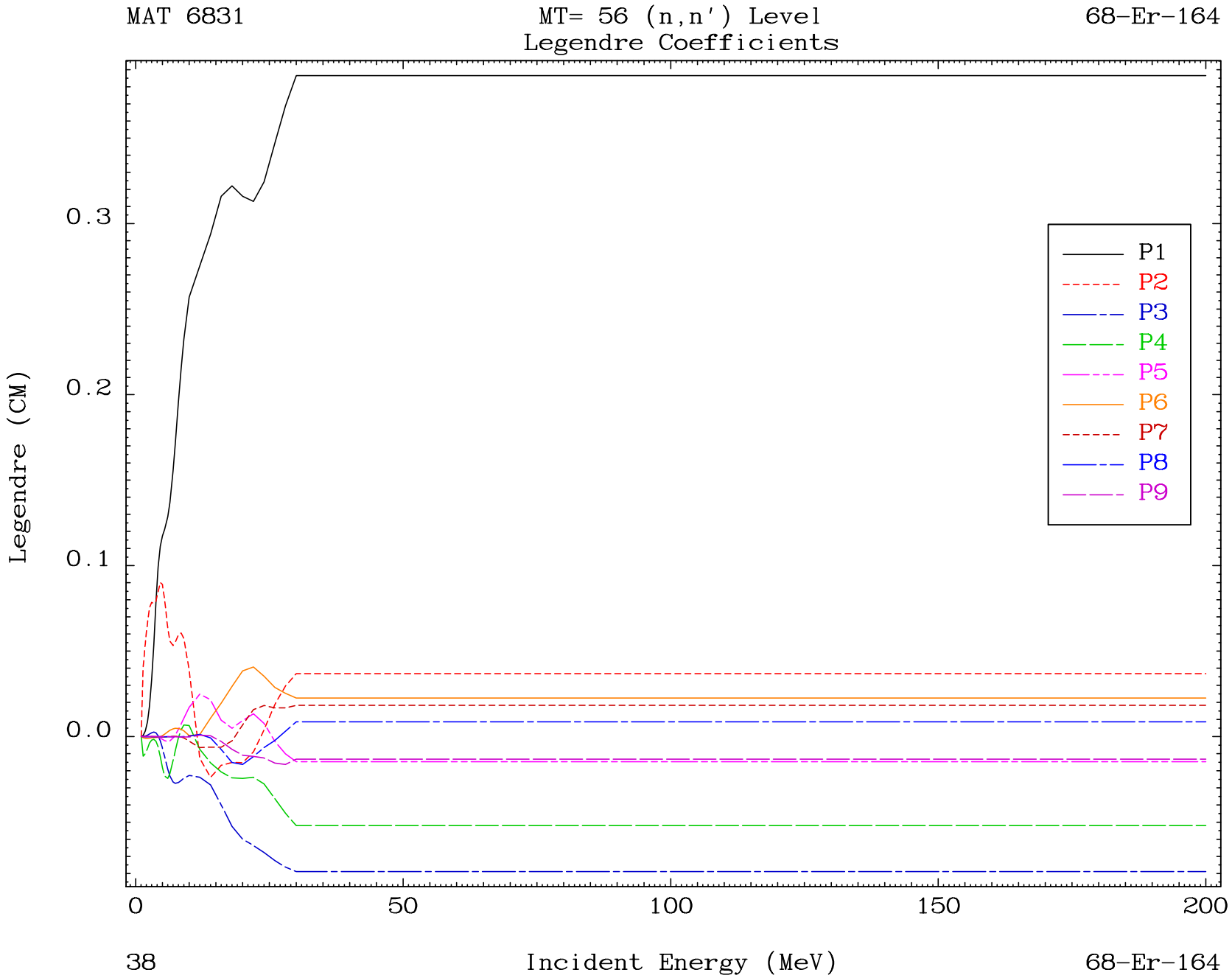

MAT 6831
MT= 54 (n,n') Level
Legendre Coefficients
68-Er-164
P19
P20
P21
P22
P23
P24
P25
P26
P27
0.025
0.020
0.015
0.010
0.005
0.000
Legendre (CM)
50
100
150
200
33
Incident Energy (MeV)
68-Er-164

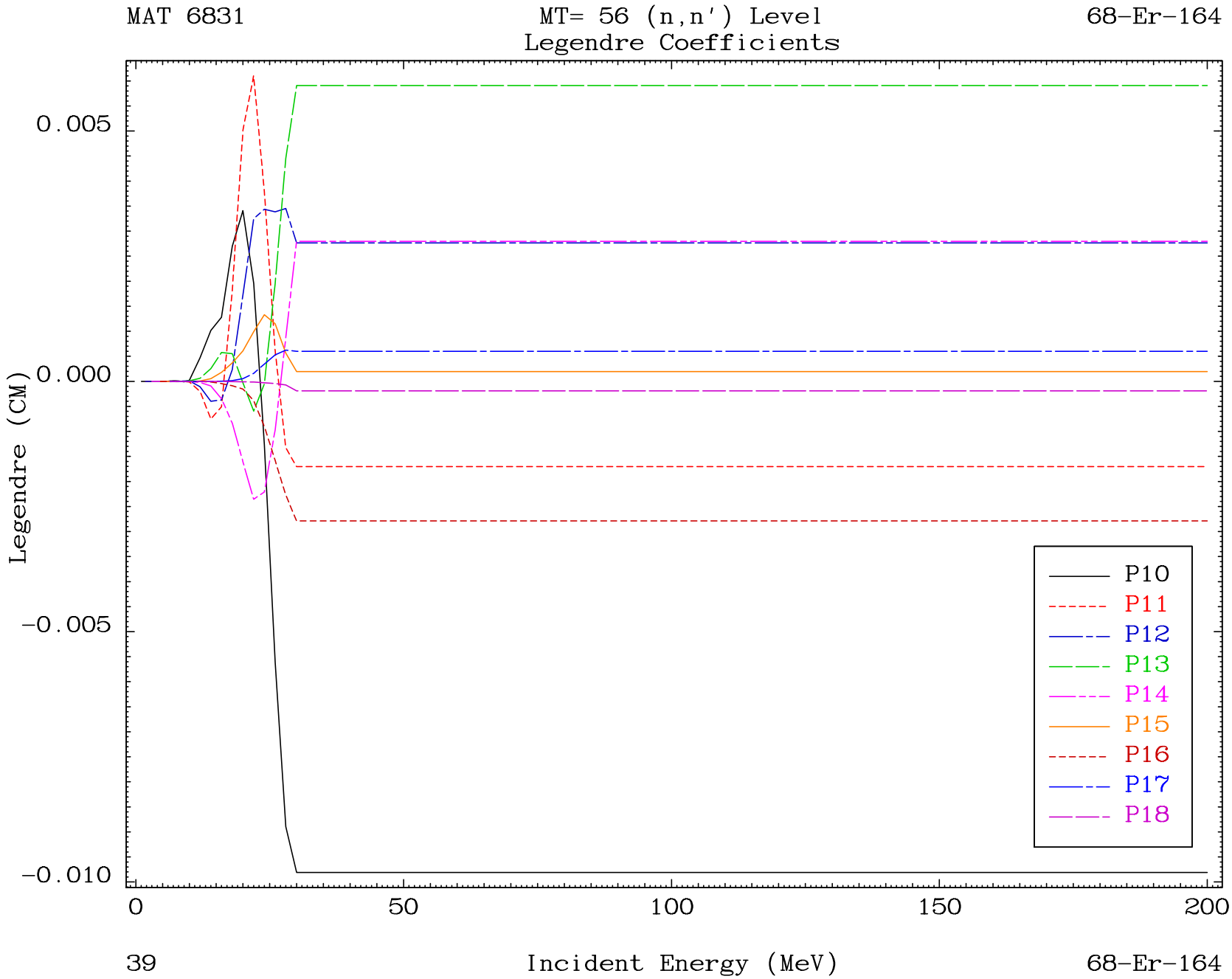

MAT 6831
MT= 54 (n,n') Level
Legendre Coefficients
68-Er-164
X10^-5
1.5
1.0
0.5
0.0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
P35
P36
50
100
150
200
34
Incident Energy (MeV)
68-Er-164

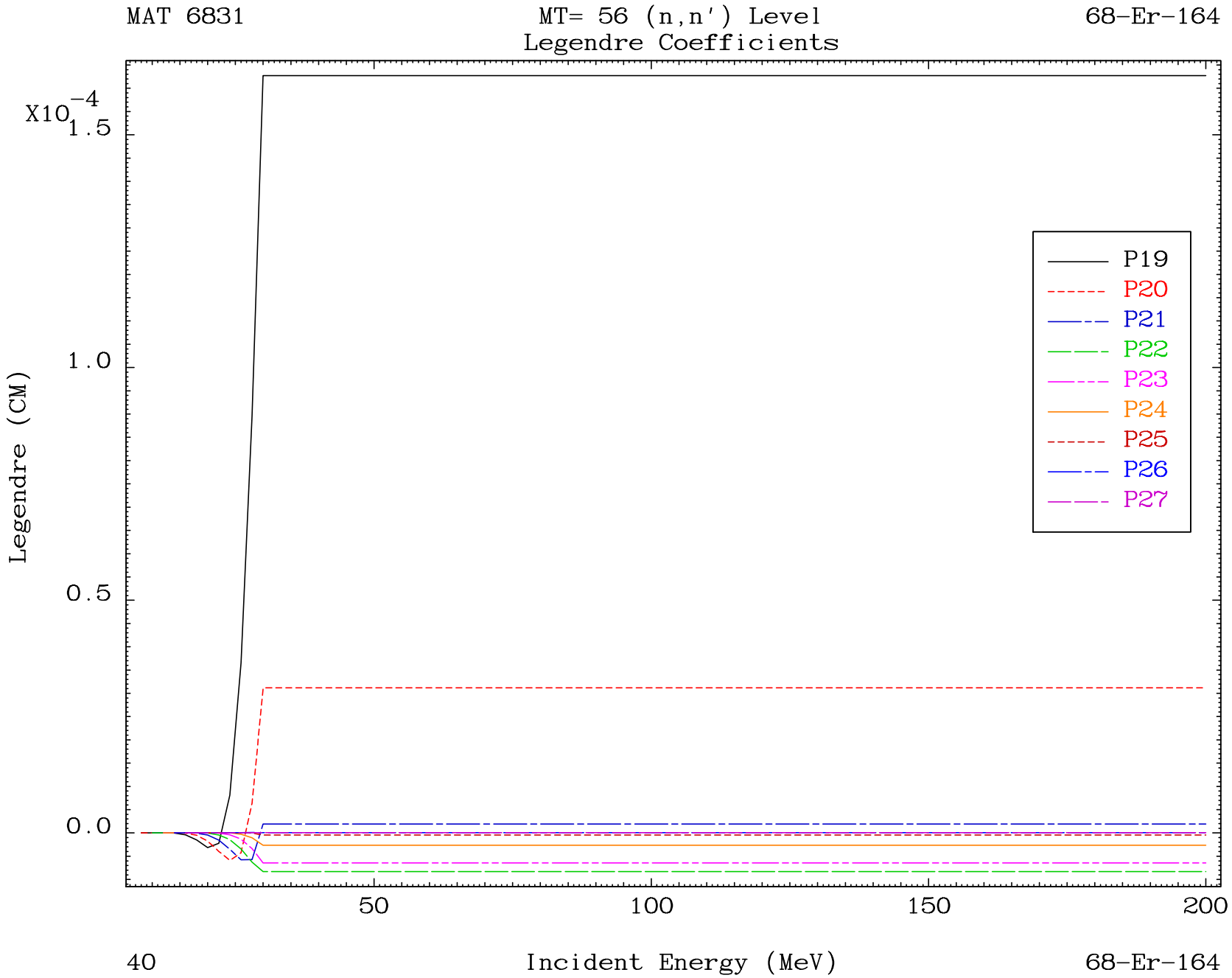

MAT 6831
MT= 55 (n,n') Level
Legendre Coefficients
68-Er-164
0.12
0.08
0.04
0.00
-0.04
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
0
50
100
150
200
35
Incident Energy (MeV)
68-Er-164

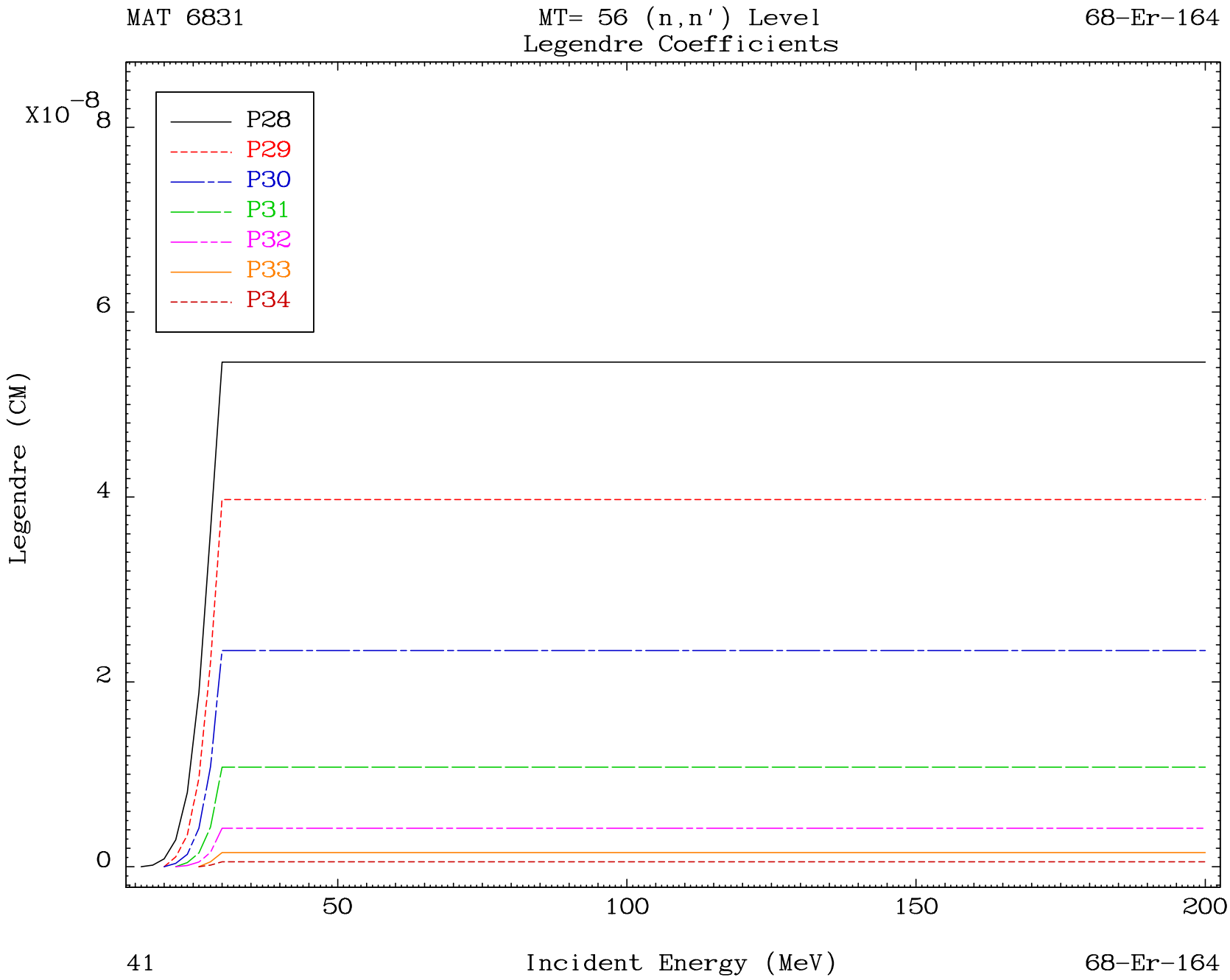

MAT 6831
MT= 55 (n,n') Level
Legendre Coefficients
68-Er-164
0.000
-0.001
-0.002
-0.003
-0.004
Legendre (CM)
0
50
100
150
200
Incident Energy (MeV)
36
68-Er-164
P10
P11
P12
P13
P14
P15
P16
P17
P18

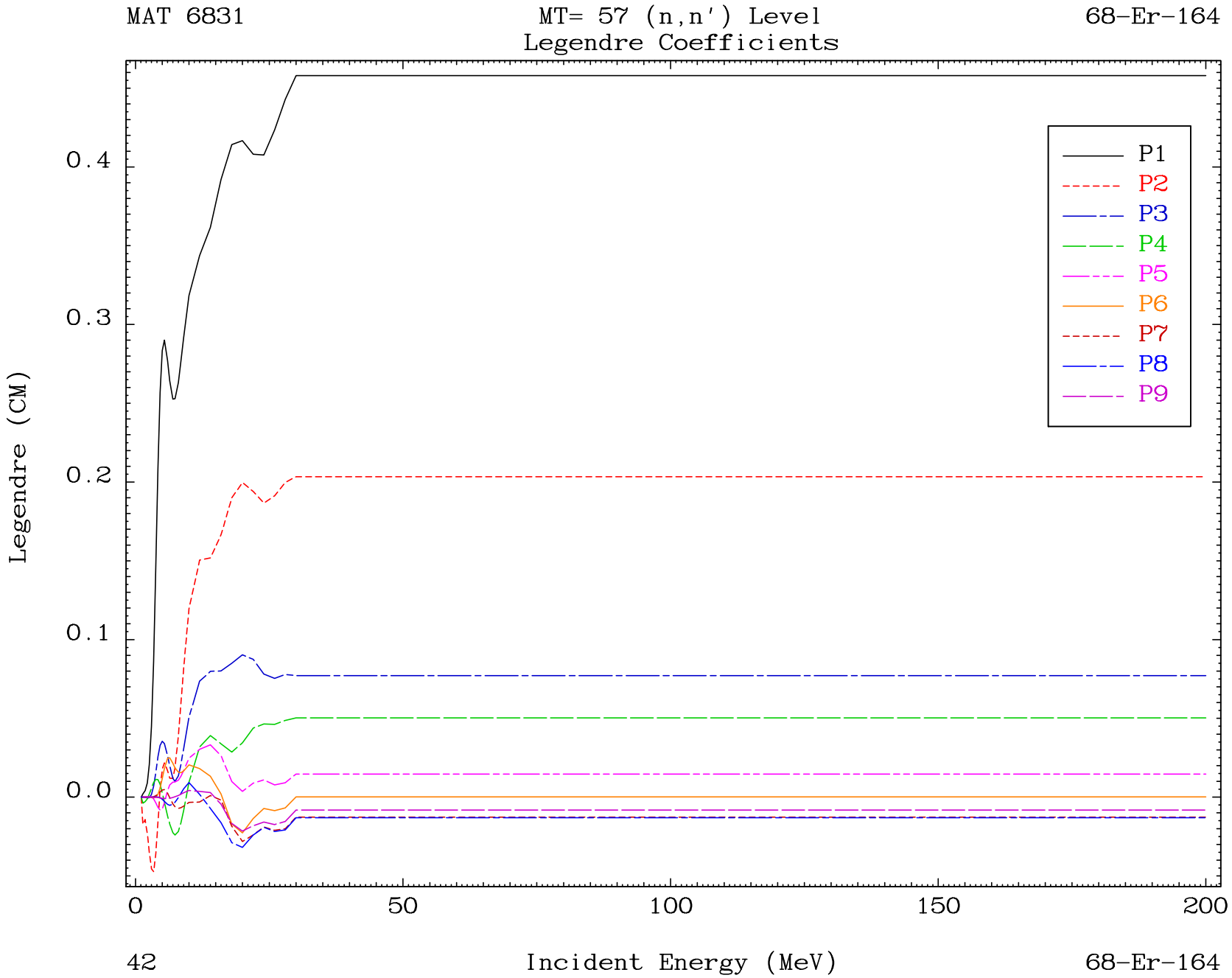

MAT 6831
MT= 55 (n,n') Level
Legendre Coefficients
68-Er-164
X10 -5
2.5
2.0
1.5
1.0
0.5
0.0
Legendre (CM)
50
100
150
200
37
Incident Energy (MeV)
68-Er-164
P19
P20
P21
P22
P23
P24
P25
P26

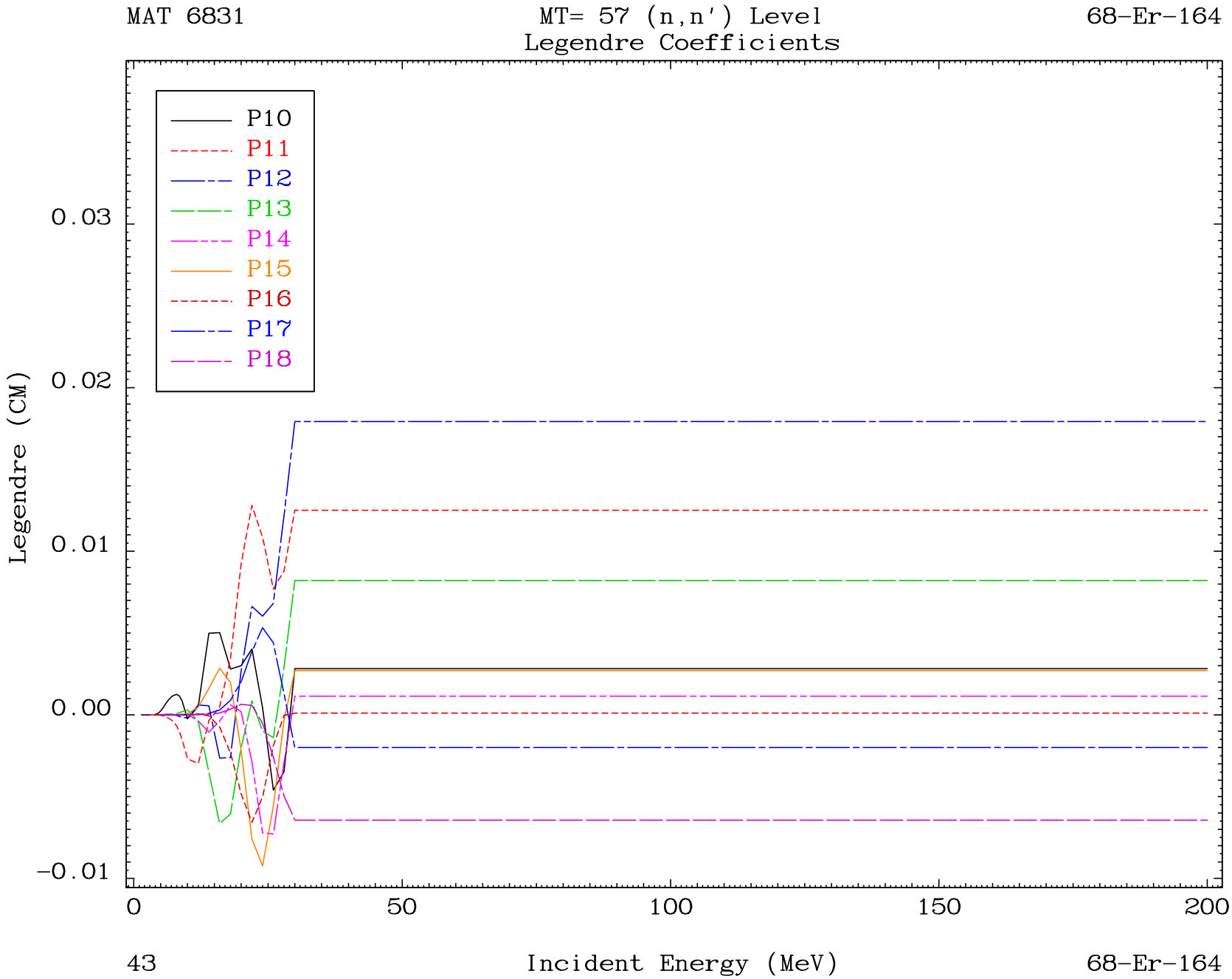

MAT 6831
MT= 56 (n,n') Level
Legendre Coefficients
68-Er-164
Legendre (CM)
0.3
0.2
0.1
0.0
0
50
100
150
200
P1
P2
P3
P4
P5
P6
P7
P8
P9
38
Incident Energy (MeV)
68-Er-164

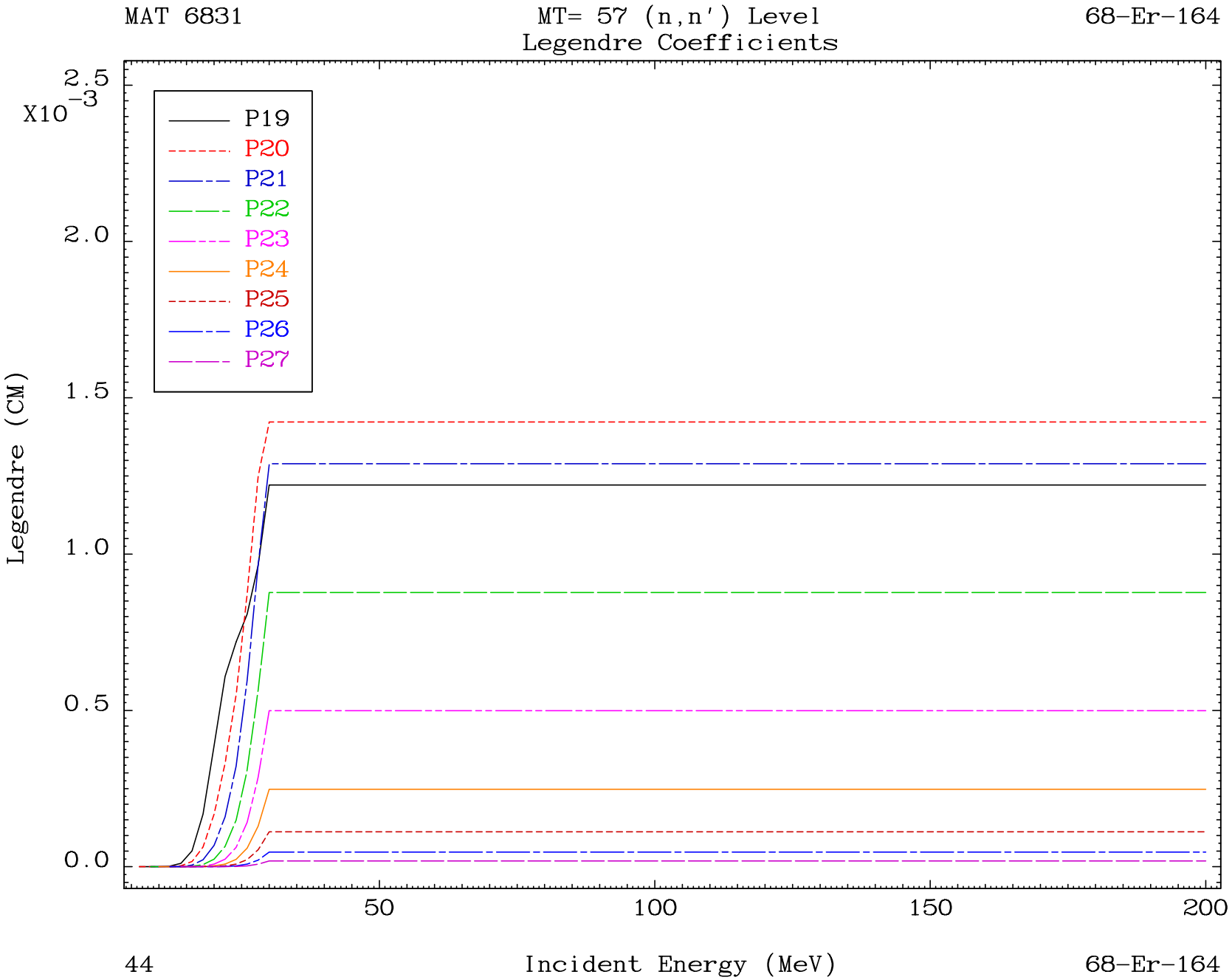

MAT 6831
MT= 56 (n,n') Level
Legendre Coefficients
68-Er-164
0.005
0.000
-0.005
-0.010
Legendre (CM)
0
50
100
150
200
39
Incident Energy (MeV)
68-Er-164
P10
P11
P12
P13
P14
P15
P16
P17
P18

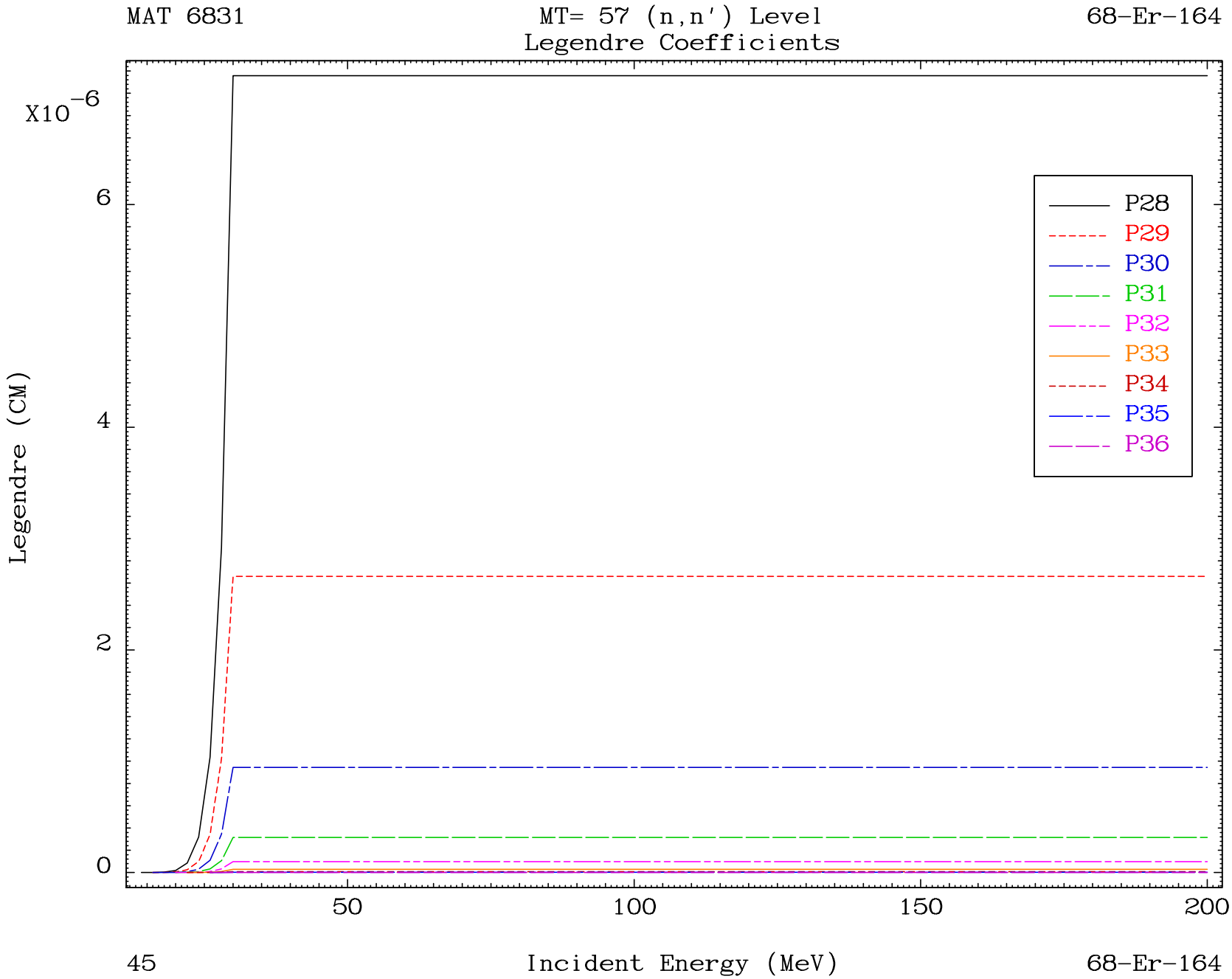

MAT 6831
MT= 56 (n,n') Level
Legendre Coefficients
68-Er-164
X10^-4
1.5
1.0
0.5
0.0
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
P27
40
50
100
150
200
Incident Energy (MeV)
68-Er-164

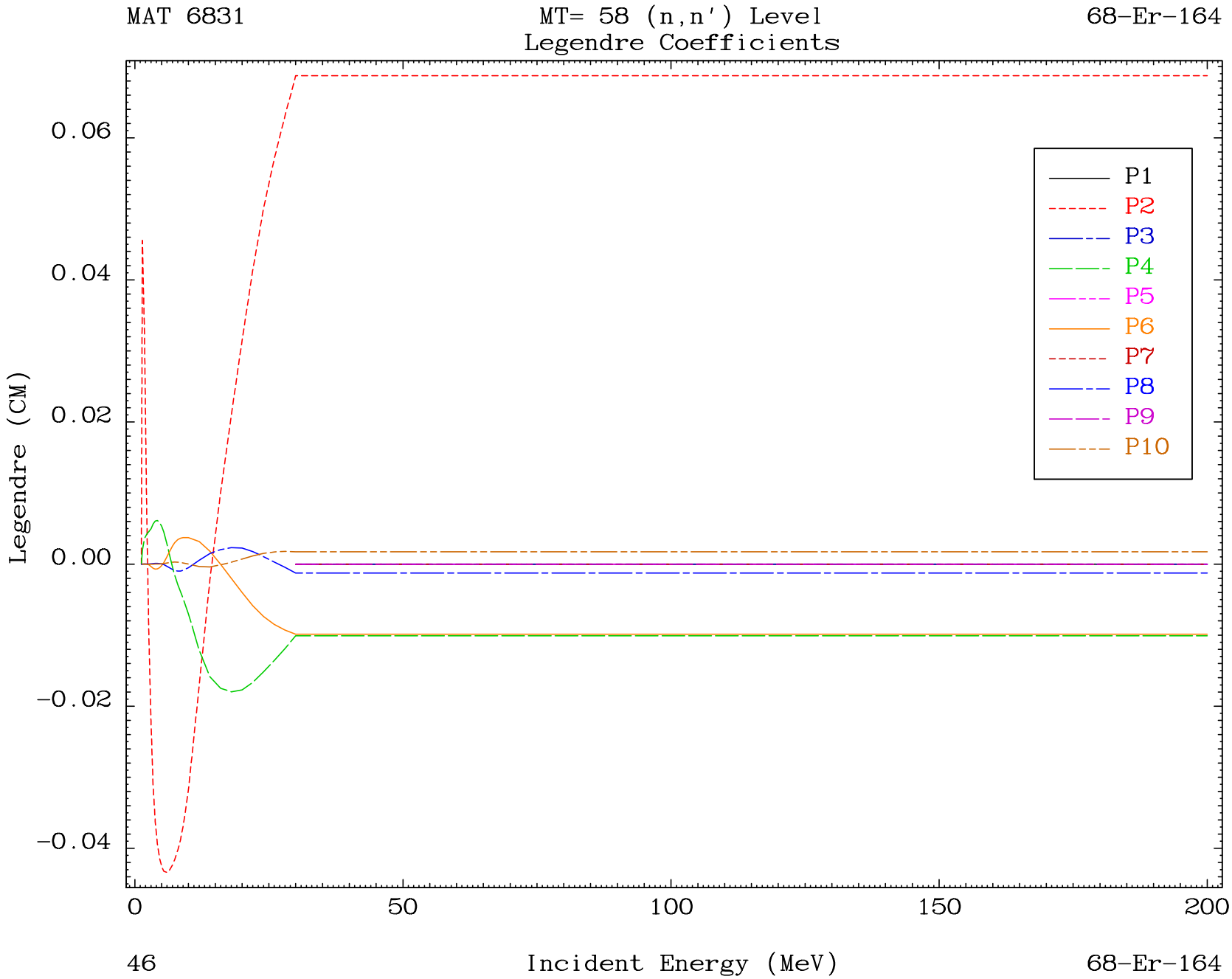

MAT 6831
MT= 56 (n,n') Level
Legendre Coefficients
68-Er-164
X10 -8
8
6
4
2
0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
50
100
150
200
41
Incident Energy (MeV)
68-Er-164

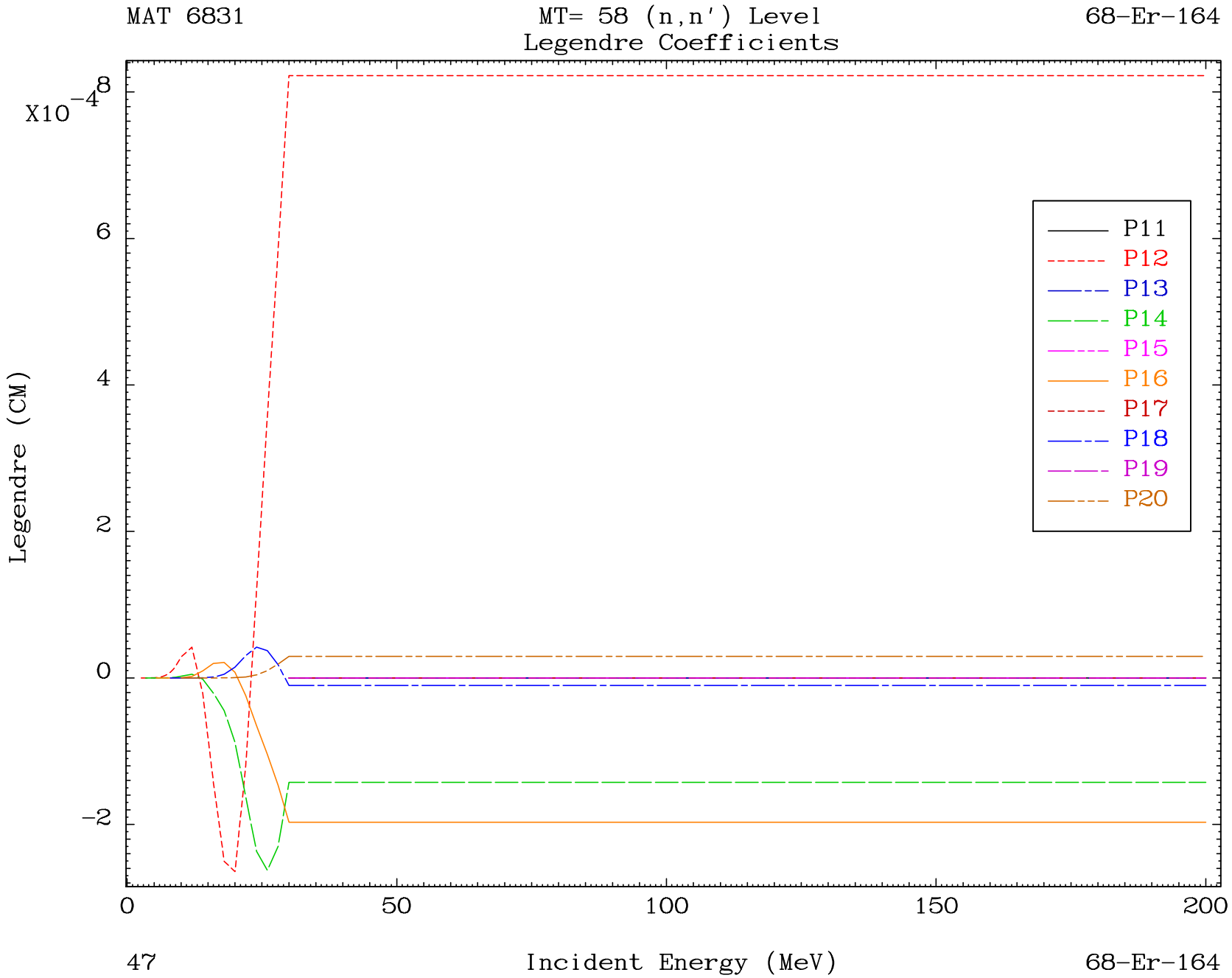

MAT 6831
MT= 57 (n,n') Level
Legendre Coefficients
68-Er-164
Legendre (CM)
0.4
0.3
0.2
0.1
0.0
P1
P2
P3
P4
P5
P6
P7
P8
P9
0
50
100
150
200
42
Incident Energy (MeV)
68-Er-164

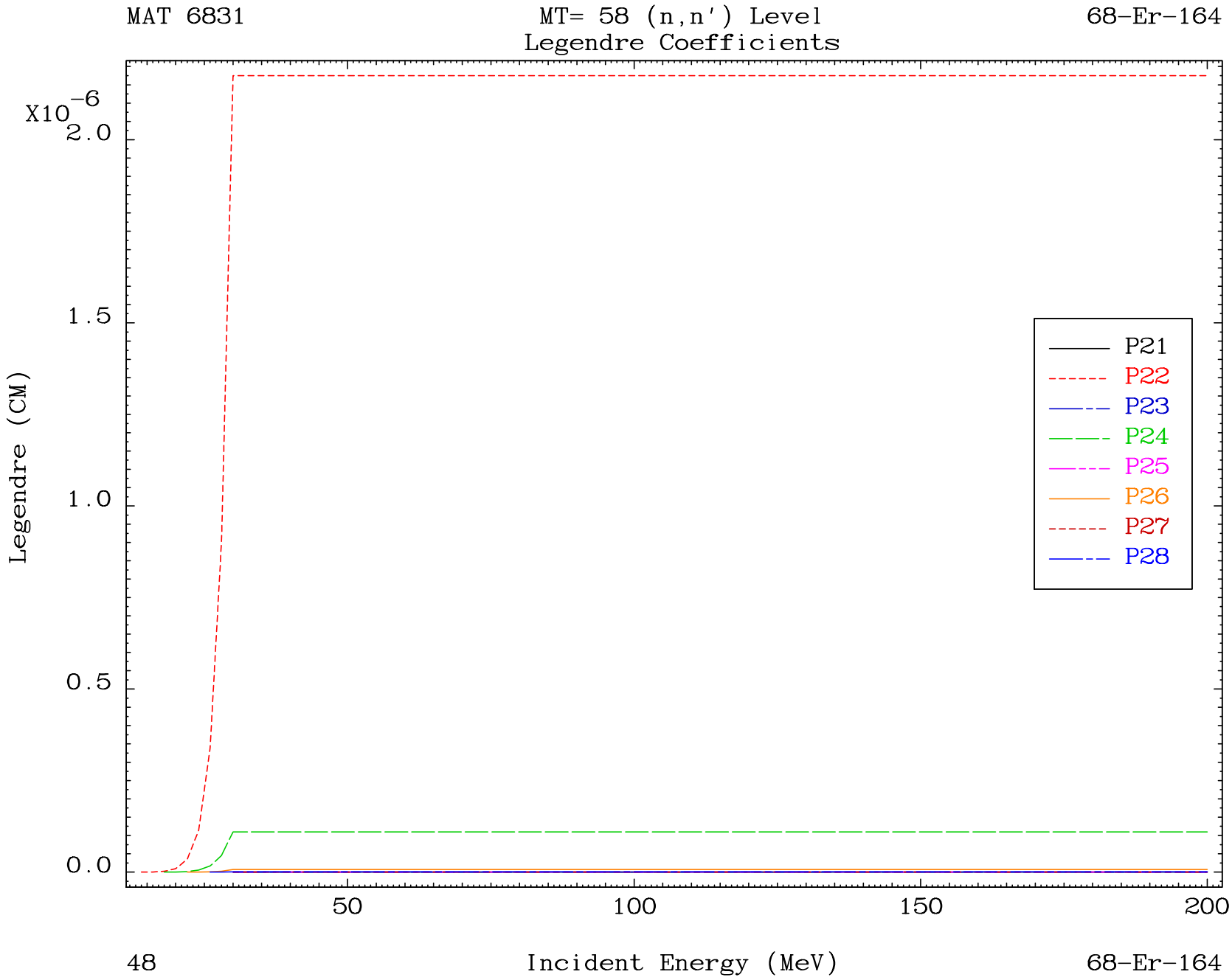

MAT 6831
MT= 57 (n,n') Level
Legendre Coefficients
68-Er-164
P10
P11
P12
P13
P14
P15
P16
P17
P18
0.03
0.02
0.01
0.00
-0.01
Legendre (CM)
0
50
100
150
200
43
Incident Energy (MeV)
68-Er-164

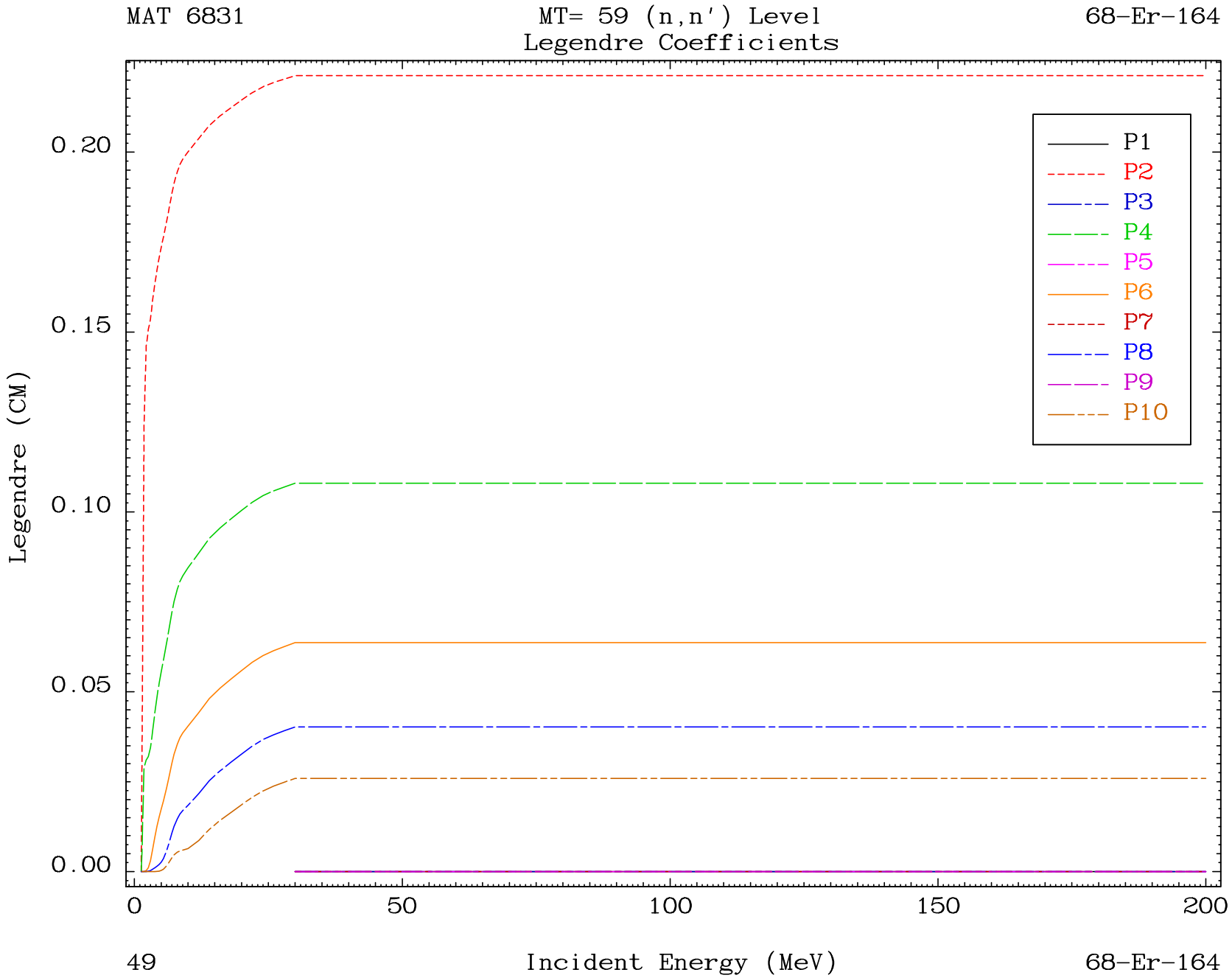

MAT 6831
MT= 57 (n,n') Level
Legendre Coefficients
68-Er-164
X10 -3
2.5
2.0
1.5
1.0
0.5
0.0
P19
P20
P21
P22
P23
P24
P25
P26
P27
Legendre (CM)
50
100
150
200
44
Incident Energy (MeV)
68-Er-164

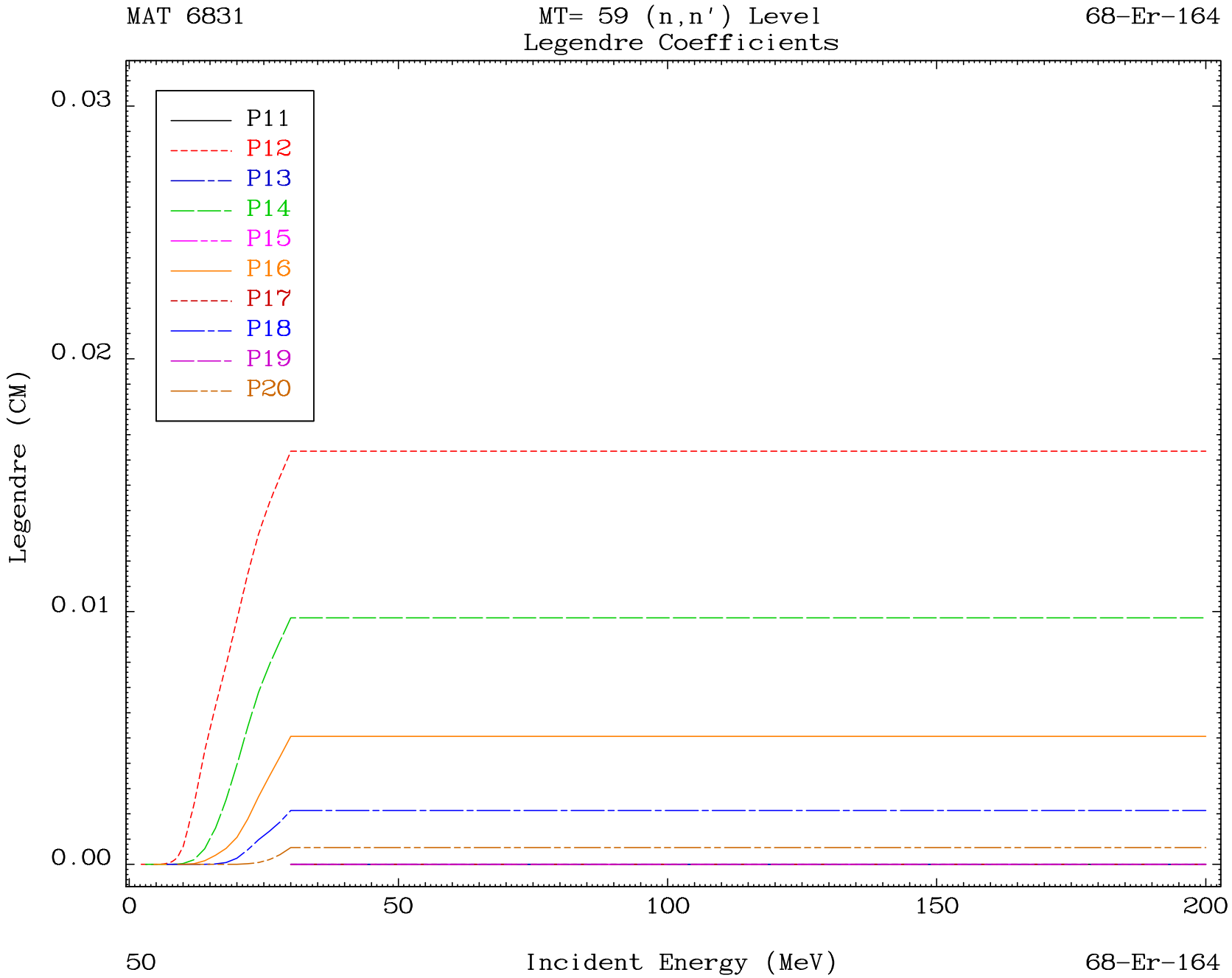

MAT 6831
MT= 57 (n,n') Level
Legendre Coefficients
68-Er-164
X10^-6
6
4
2
0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
P35
P36
50
100
150
200
45
Incident Energy (MeV)
68-Er-164

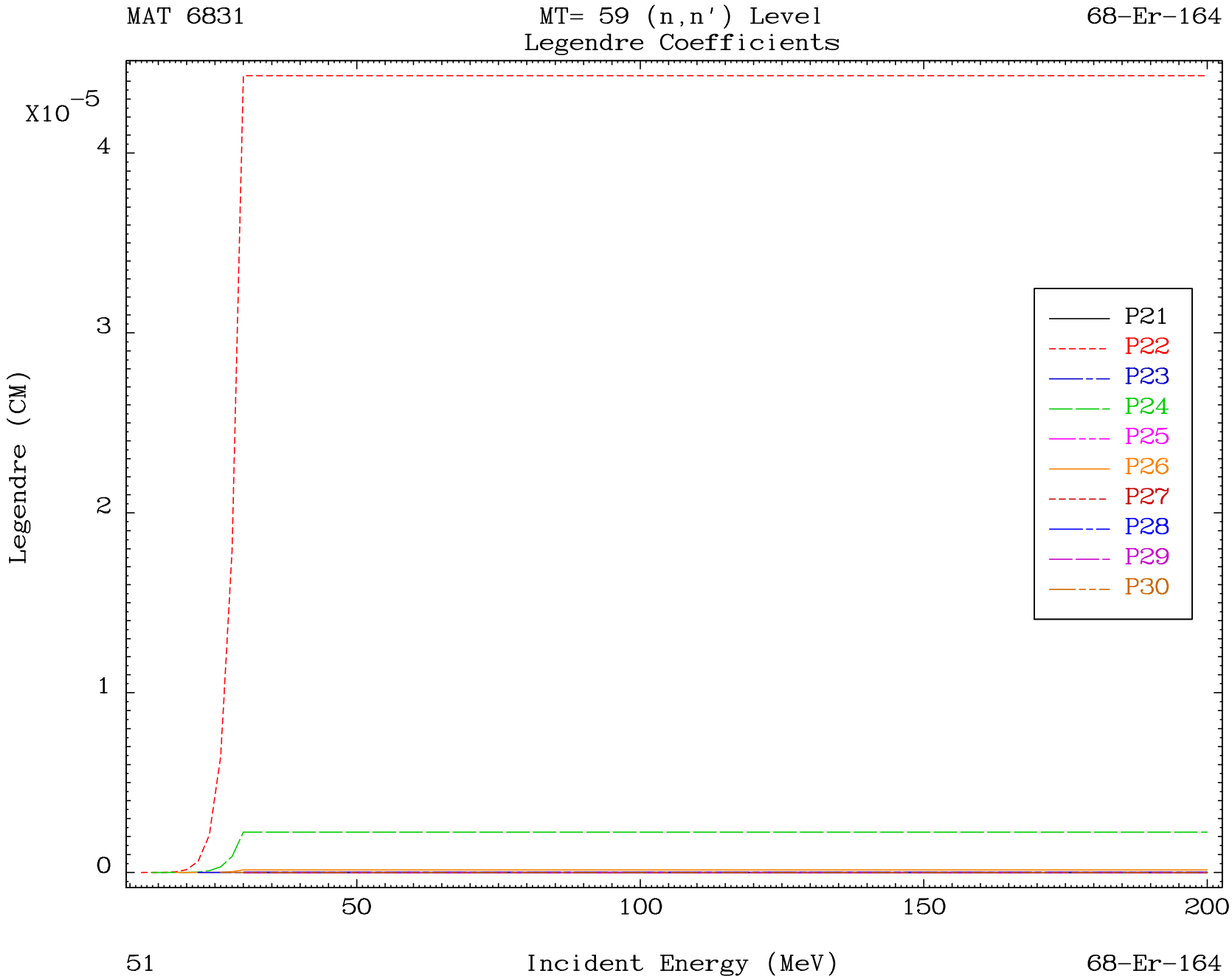

MAT 6831
MT= 58 (n,n') Level
Legendre Coefficients
68-Er-164
0.06
0.04
0.02
0.00
-0.02
-0.04
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10
0
50
100
150
200
46
Incident Energy (MeV)
68-Er-164

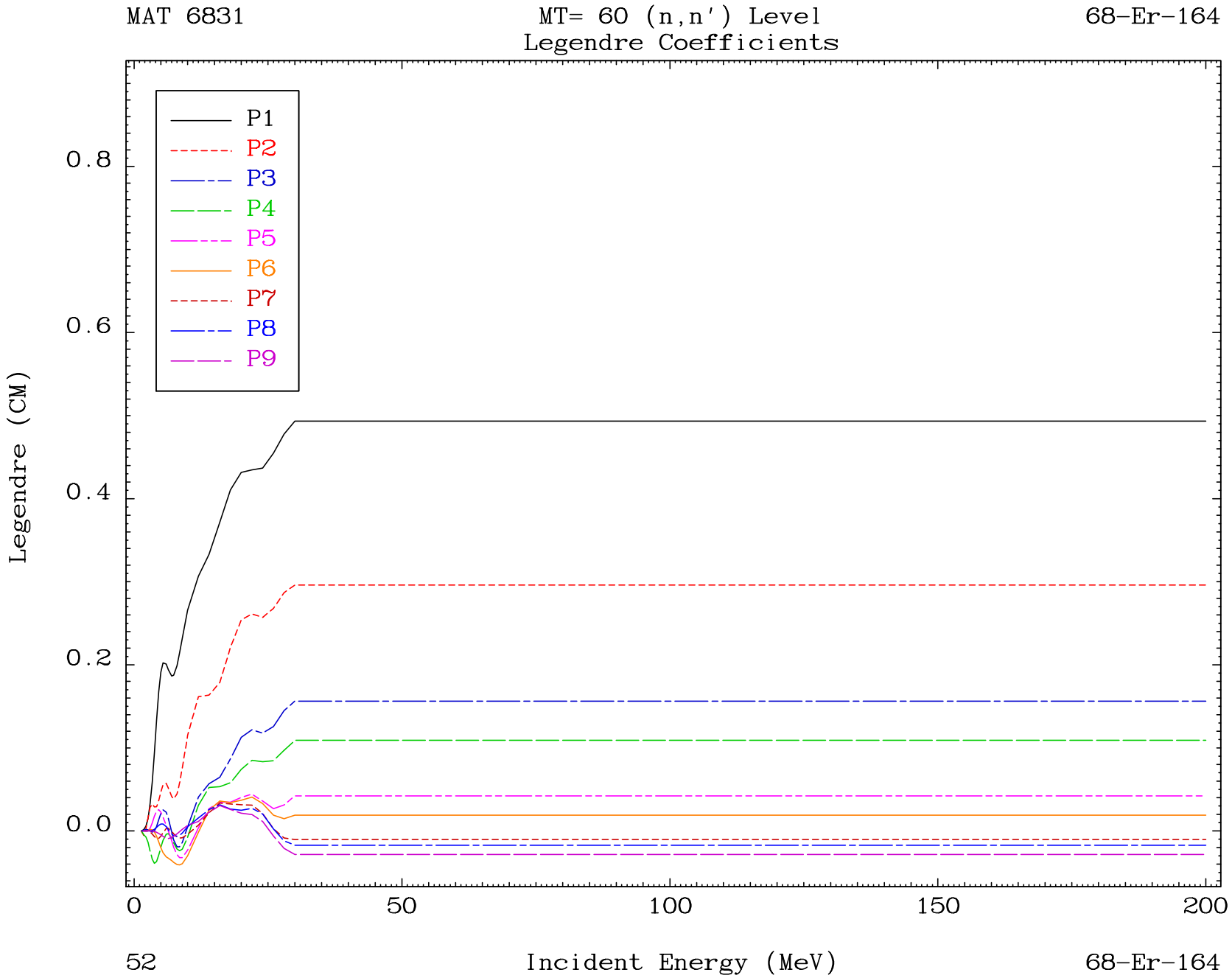

MAT 6831
MT= 58 (n,n') Level
Legendre Coefficients
68-Er-164
X10 -4
8
6
4
2
0
-2
Legendre (CM)
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20
0
50
100
150
200
47
Incident Energy (MeV)
68-Er-164

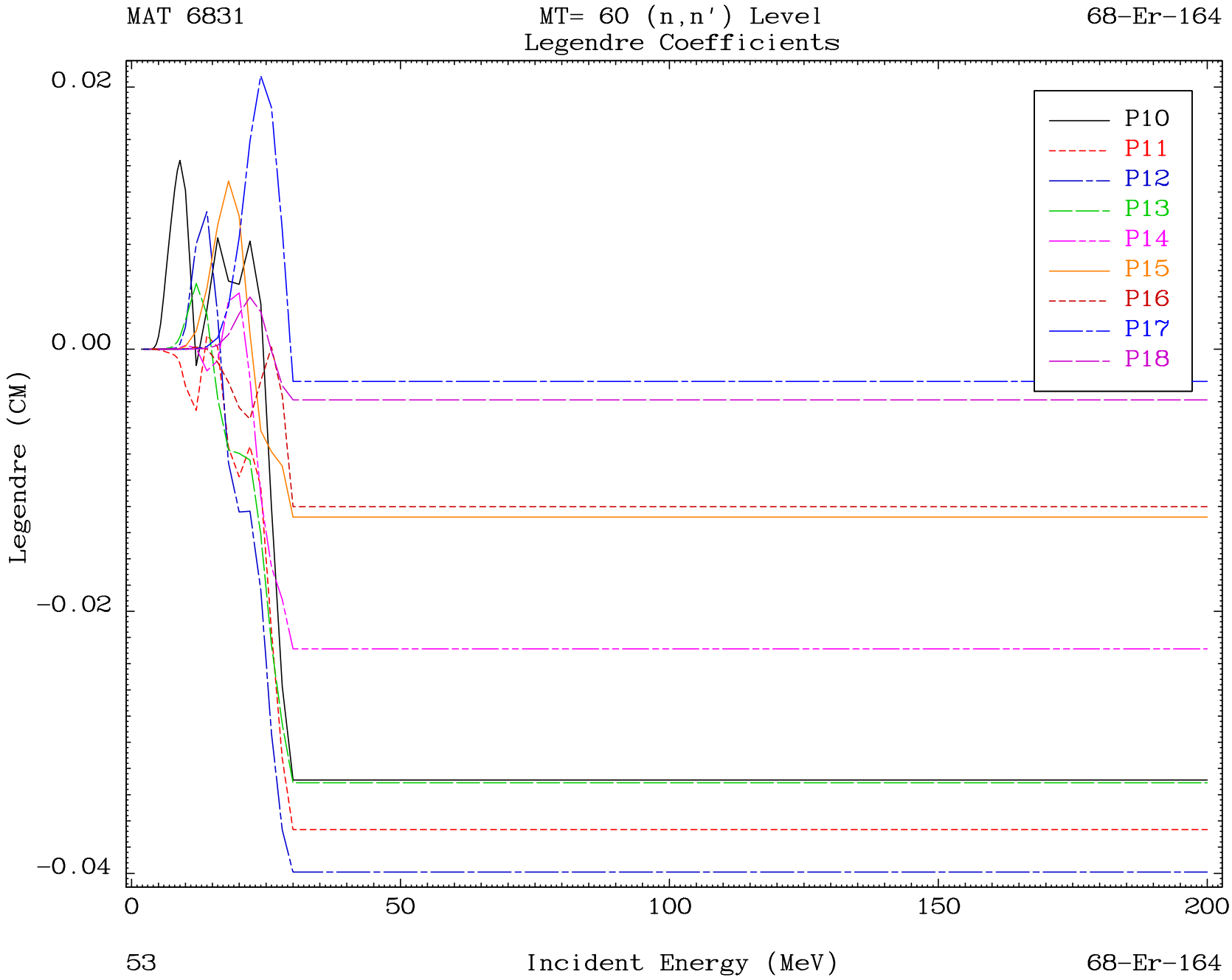

MAT 6831
MT= 58 (n,n') Level
Legendre Coefficients
68-Er-164
X10^-6
2.0
1.5
1.0
0.5
0.0
Legendre (CM)
P21
P22
P23
P24
P25
P26
P27
P28
50
100
150
200
48
Incident Energy (MeV)
68-Er-164

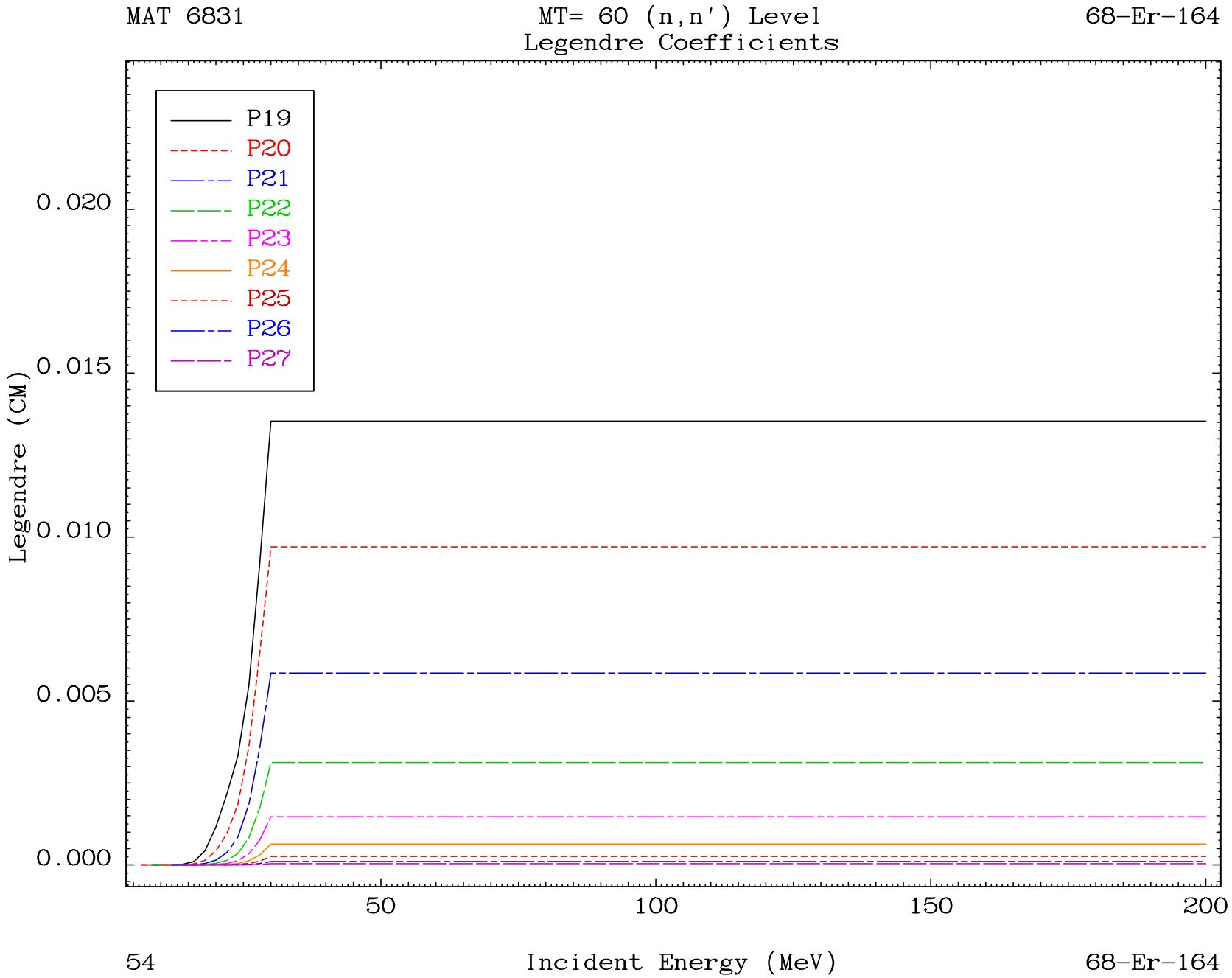

MAT 6831
MT= 59 (n,n') Level
Legendre Coefficients
68-Er-164
Legendre (CM)
0.20
0.15
0.10
0.05
0.00
0
50
100
150
200
Incident Energy (MeV)
49
68-Er-164
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10

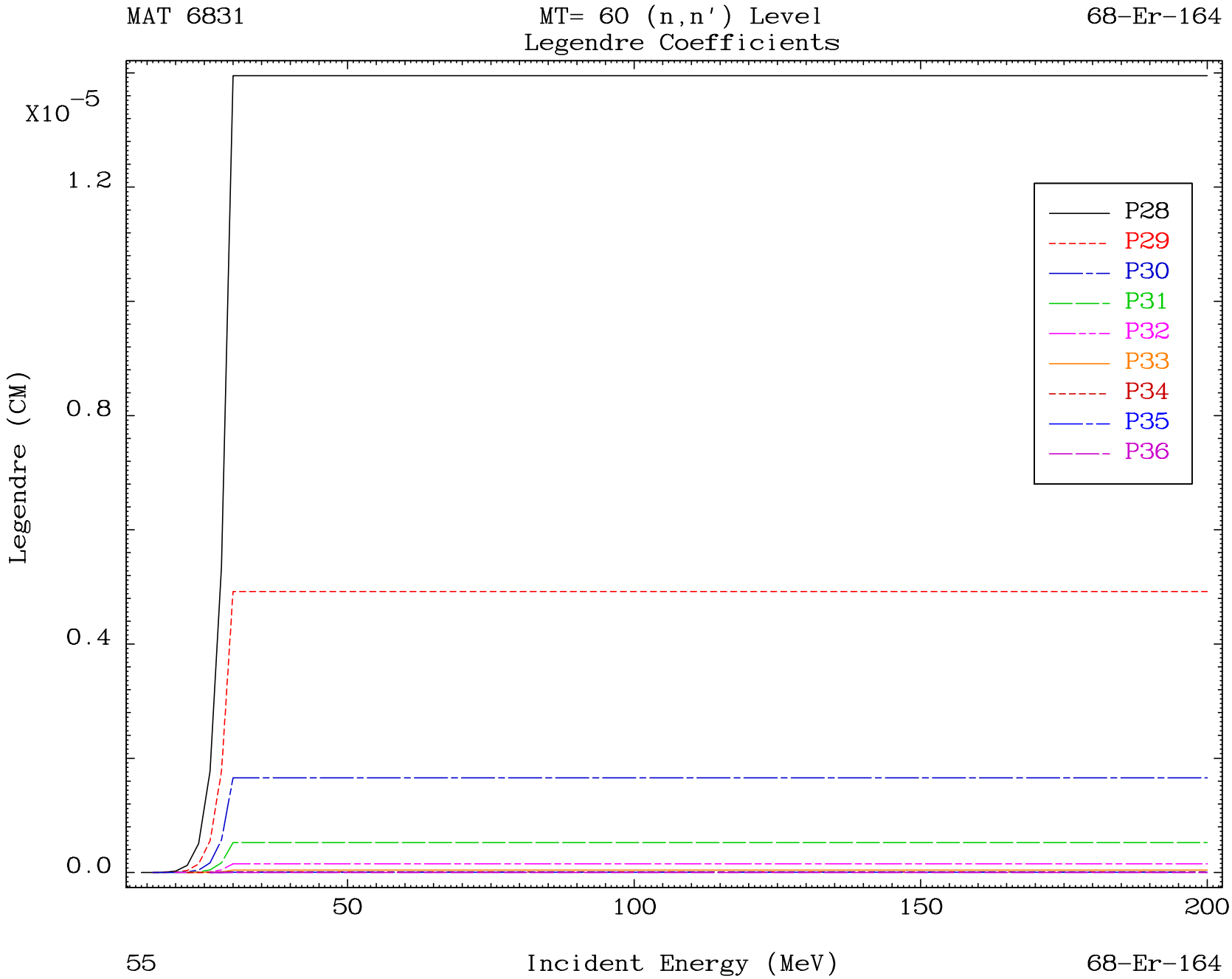

MAT 6831
MT= 59 (n,n') Level
Legendre Coefficients
68-Er-164
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20
0.03
0.02
0.01
0.00
Legendre (CM)
0
50
100
150
200
50
Incident Energy (MeV)
68-Er-164

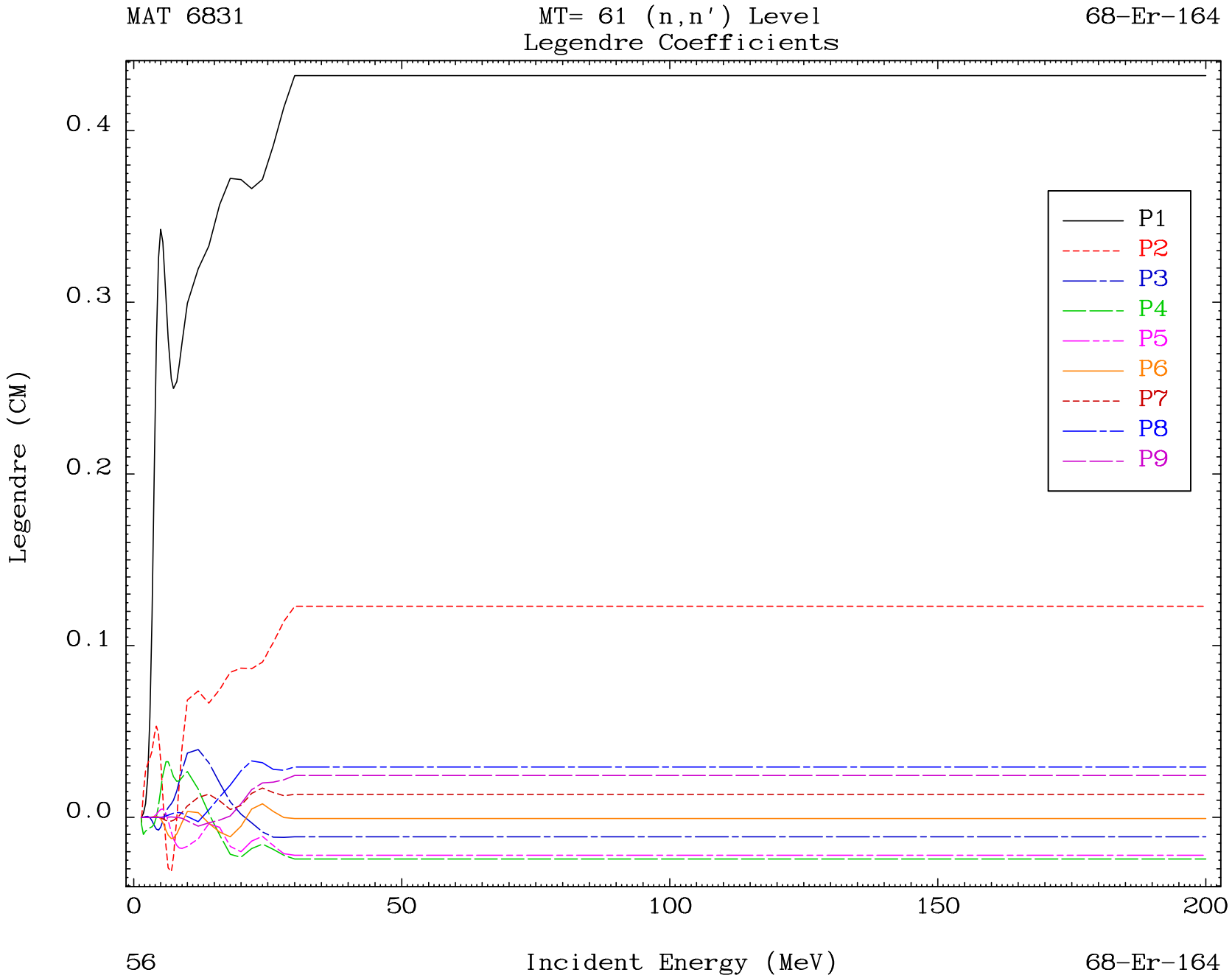

MAT 6831
MT= 59 (n,n') Level
Legendre Coefficients
68-Er-164
X10^-5
4
3
2
1
0
Legendre (CM)
P21
P22
P23
P24
P25
P26
P27
P28
P29
P30
50
100
150
200
51
Incident Energy (MeV)
68-Er-164

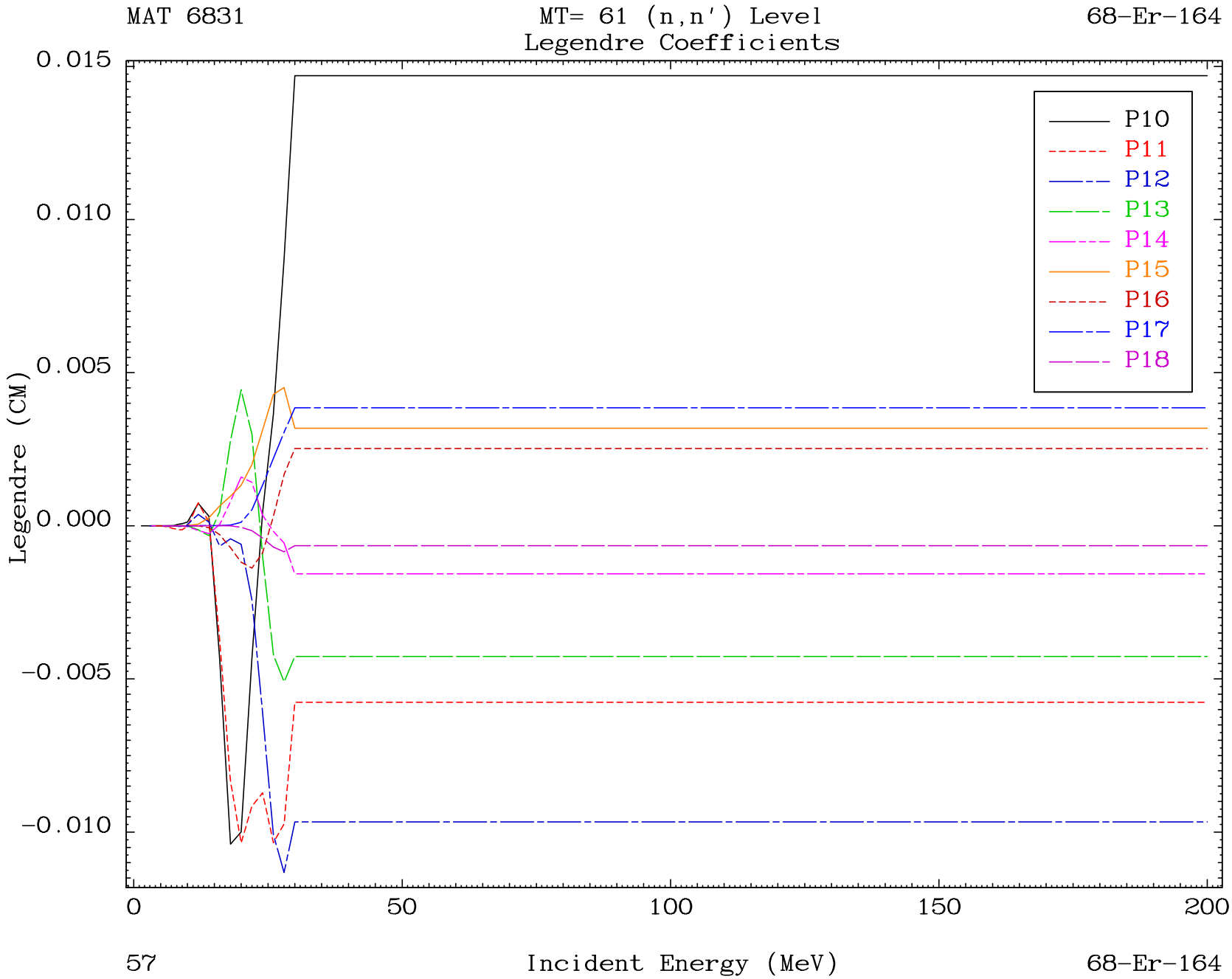

MAT 6831
MT= 60 (n,n') Level
Legendre Coefficients
68-Er-164
P1
P2
P3
P4
P5
P6
P7
P8
P9
Legendre (CM)
0.8
0.6
0.4
0.2
0.0
0
50
100
150
200
52
Incident Energy (MeV)
68-Er-164

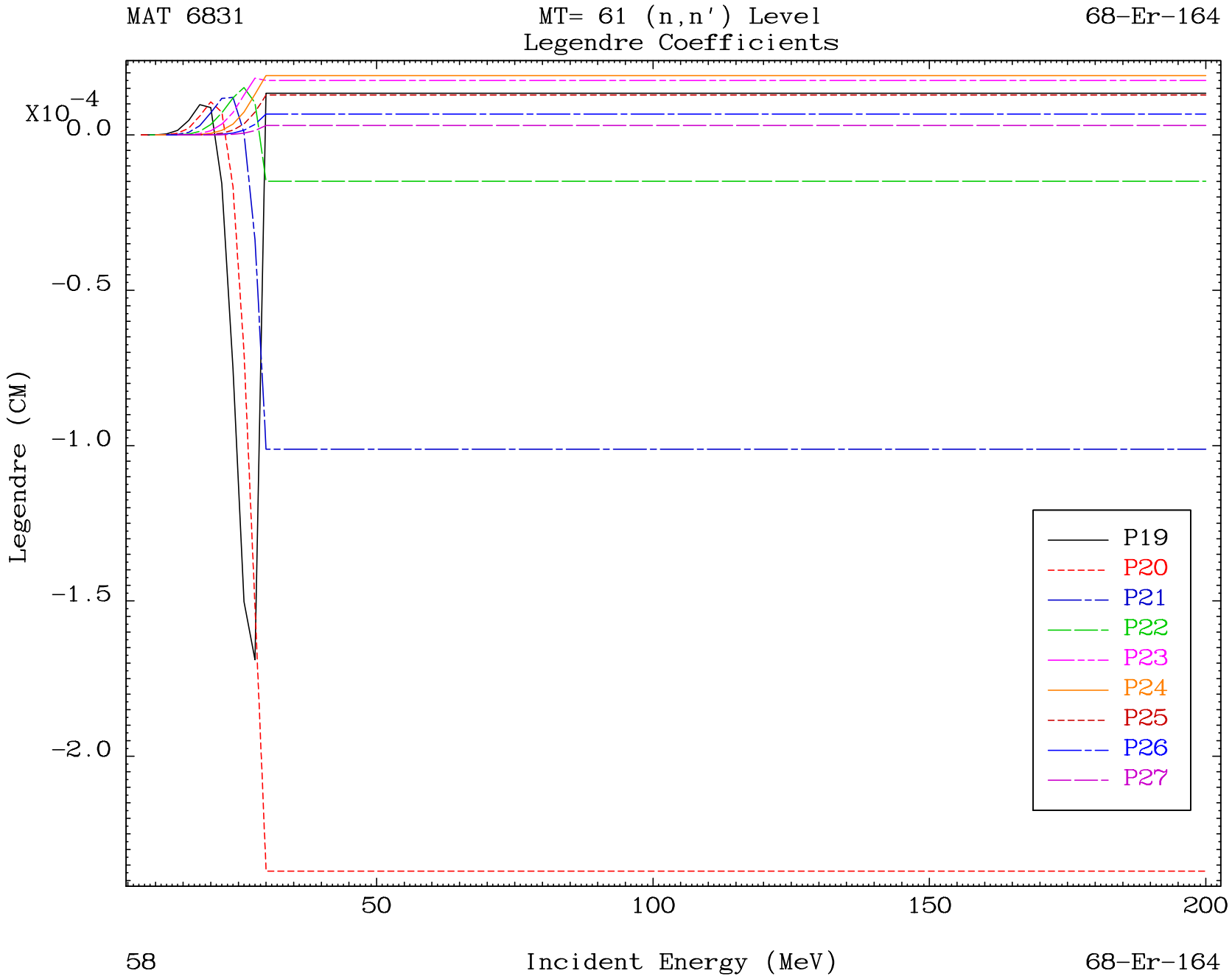

MAT 6831
MT= 60 (n,n') Level
Legendre Coefficients
68-Er-164
0.02
0.00
-0.02
-0.04
Legendre (CM)
P10
P11
P12
P13
P14
P15
P16
P17
P18
0
50
100
150
200
53
Incident Energy (MeV)
68-Er-164

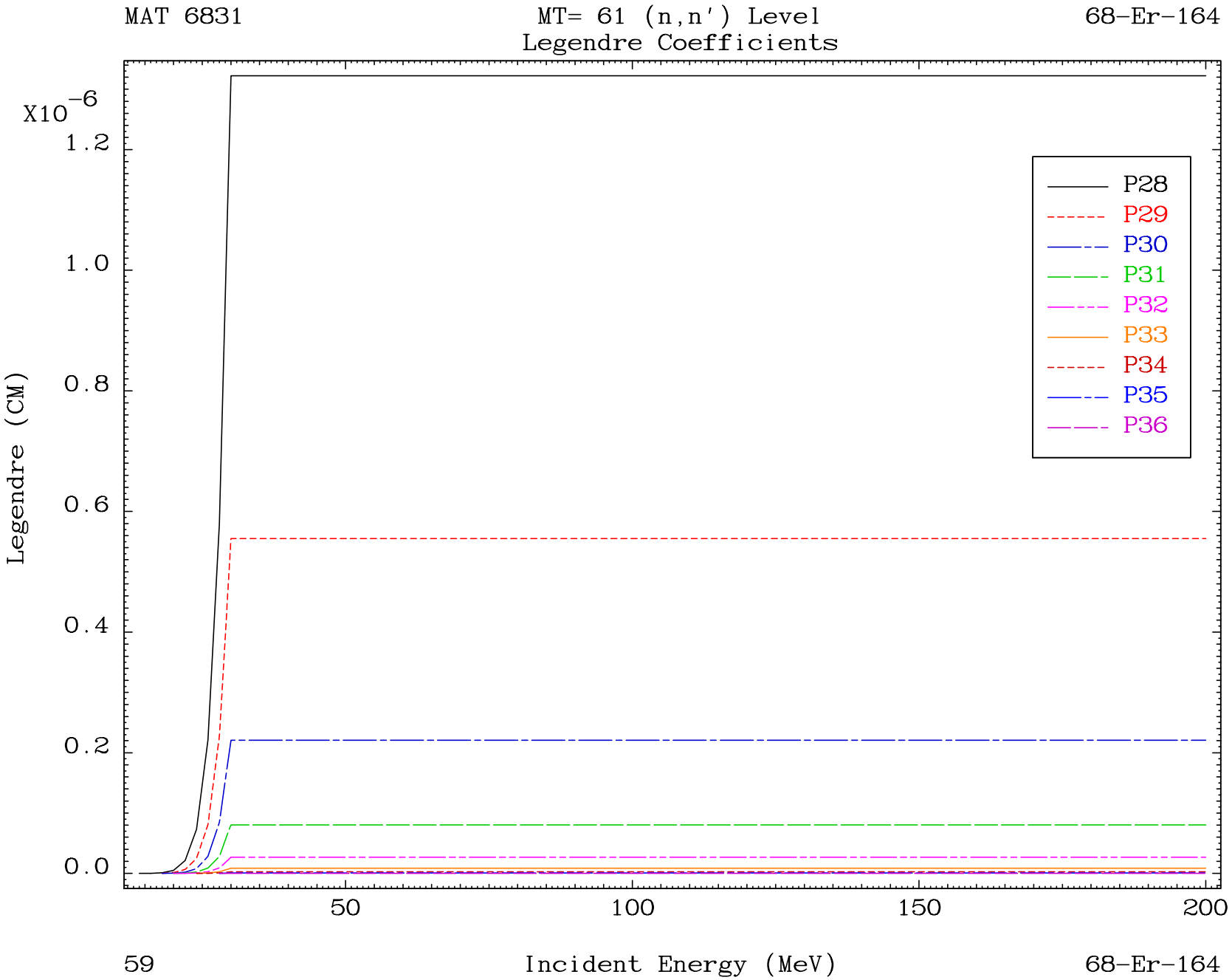

MAT 6831
MT= 60 (n,n') Level
Legendre Coefficients
68-Er-164
P19
P20
P21
P22
P23
P24
P25
P26
P27
0.020
0.015
0.010
0.005
0.000
Legendre (CM)
50
100
150
200
54
Incident Energy (MeV)
68-Er-164

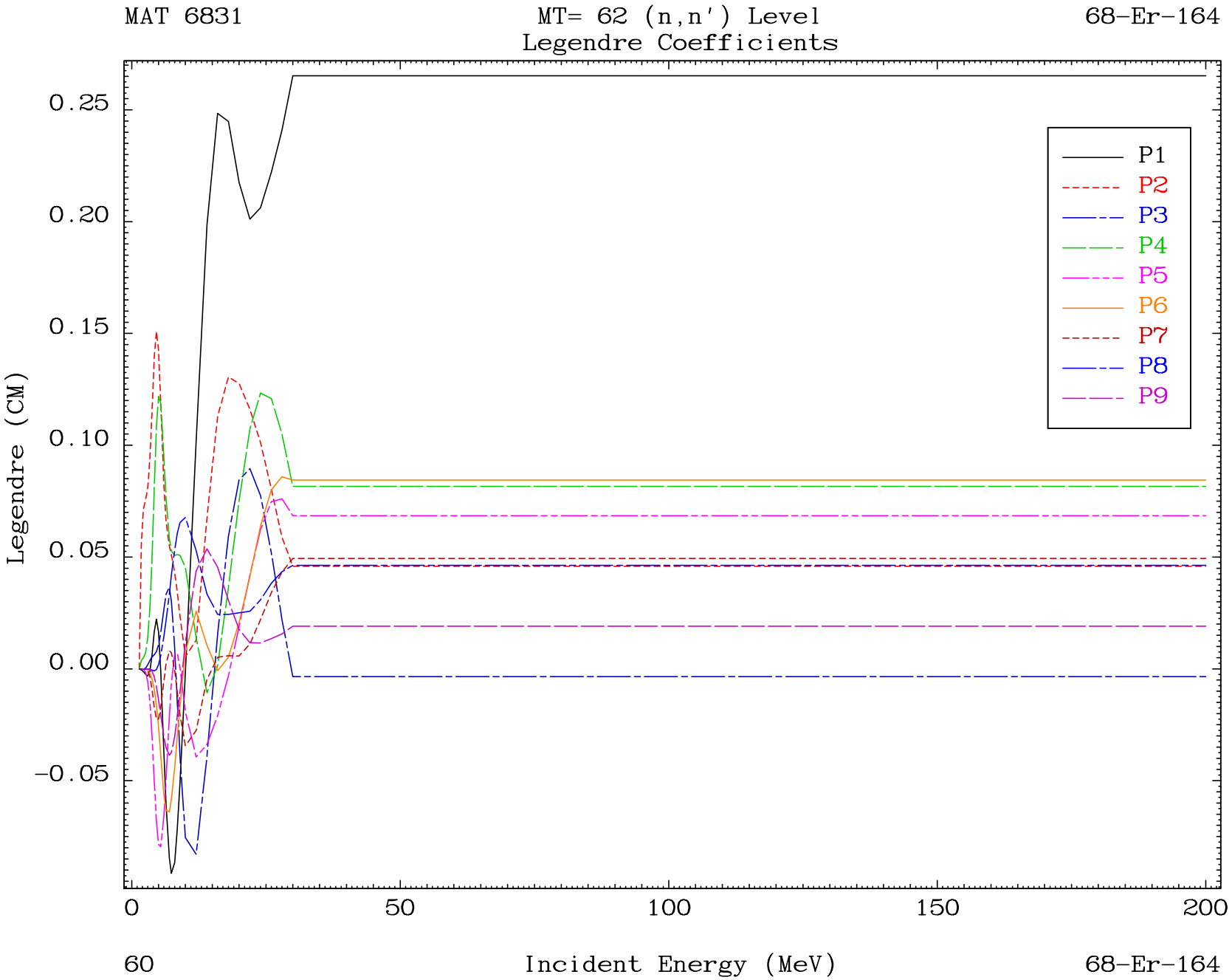

MAT 6831
MT= 60 (n,n') Level
Legendre Coefficients
68-Er-164
X10^-5
1.2
0.8
0.4
0.0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
P35
P36
50
100
150
200
55
Incident Energy (MeV)
68-Er-164

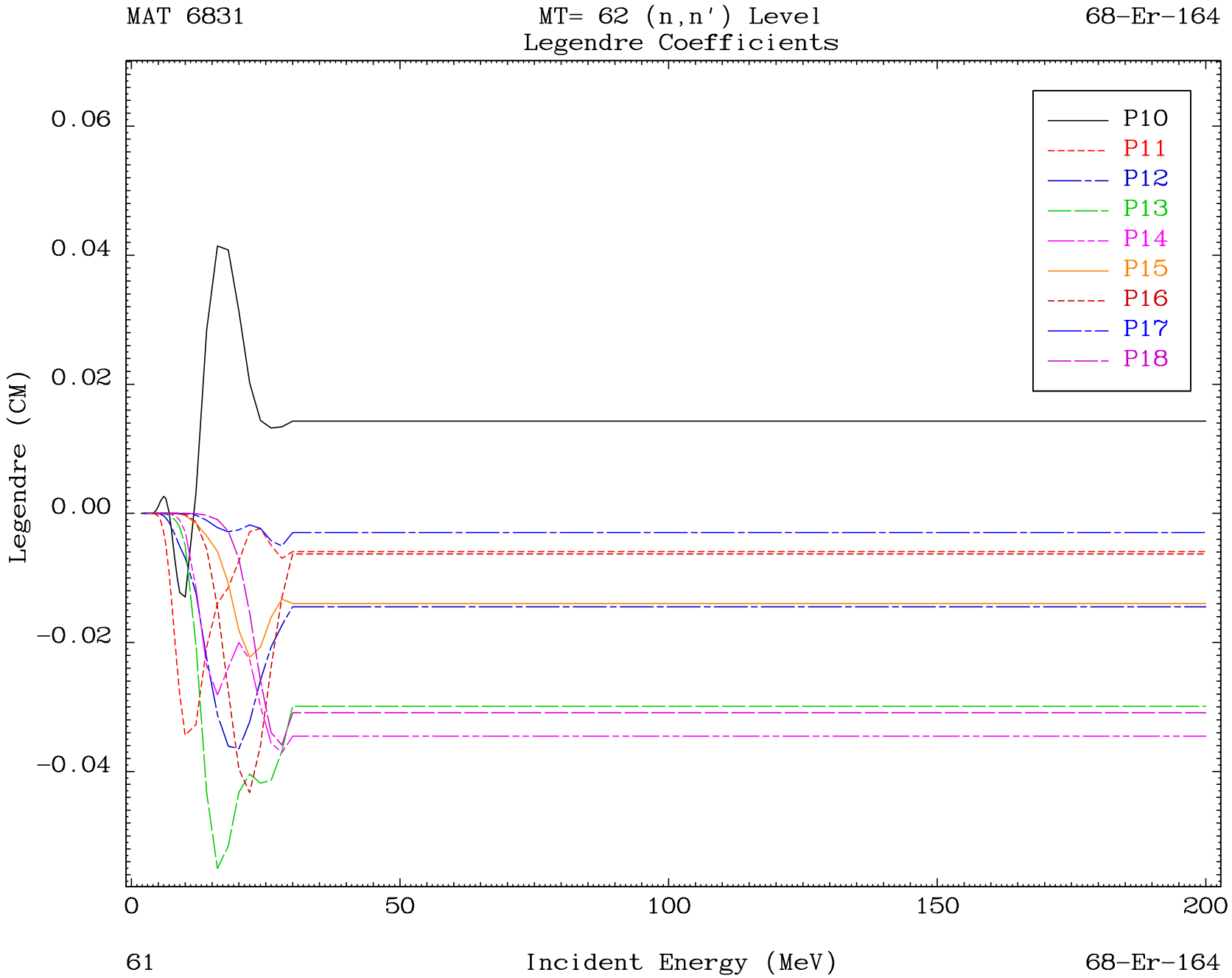

MAT 6831
MT= 61 (n,n') Level
Legendre Coefficients
68-Er-164
Legendre (CM)
0.4
0.3
0.2
0.1
0.0
P1
P2
P3
P4
P5
P6
P7
P8
P9
0
50
100
150
200
56
Incident Energy (MeV)
68-Er-164

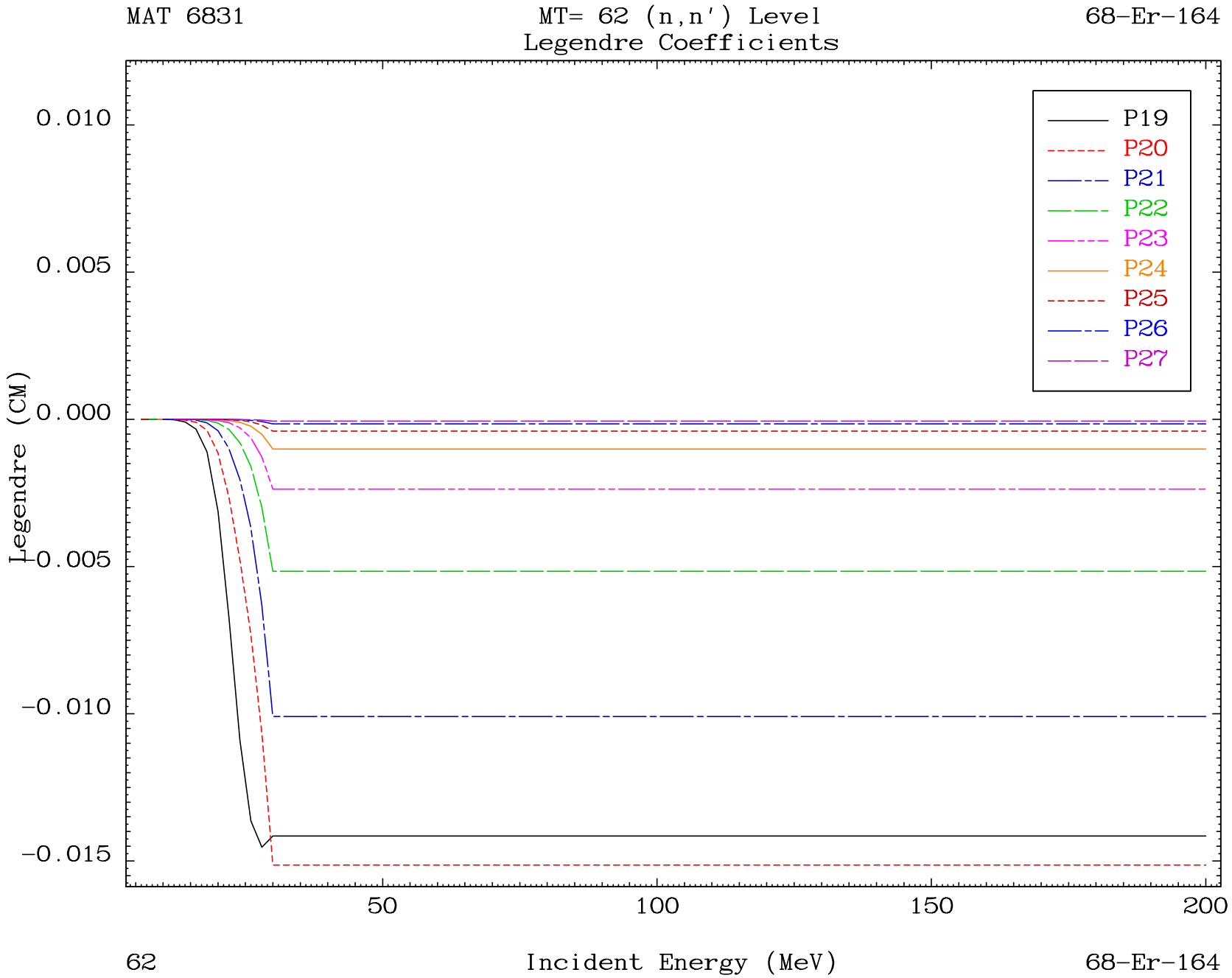

MAT 6831
MT= 61 (n,n') Level
Legendre Coefficients
68-Er-164
0.015
0.010
0.005
0.000
-0.005
-0.010
Legendre (CM)
P10
P11
P12
P13
P14
P15
P16
P17
P18
0
50
100
150
200
57
Incident Energy (MeV)
68-Er-164

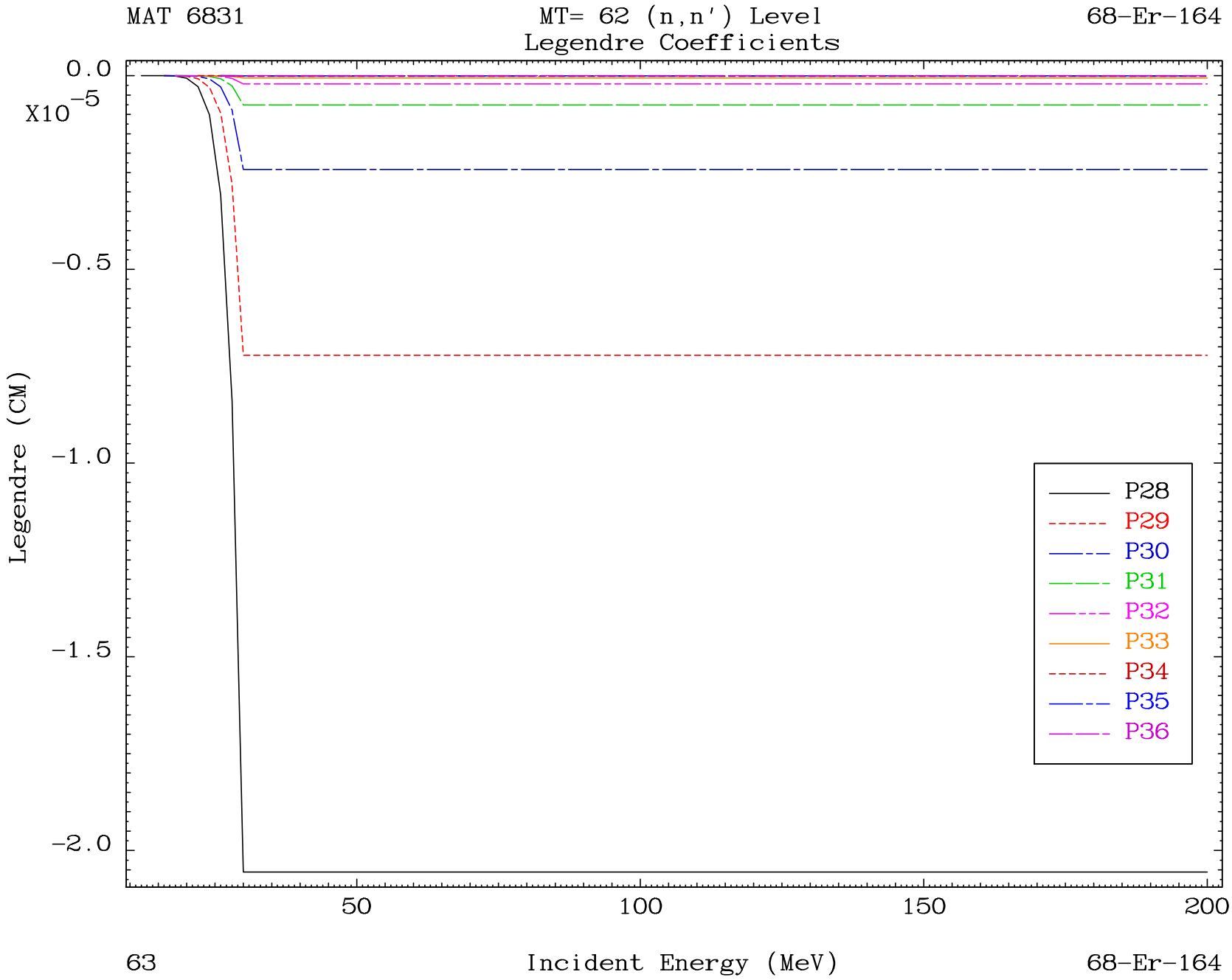

MAT 6831
MT= 61 (n,n') Level
Legendre Coefficients
68-Er-164
X10^-4
0.0
-0.5
-1.0
-1.5
-2.0
Legendre (CM)
50
100
150
200
58
Incident Energy (MeV)
68-Er-164
P19
P20
P21
P22
P23
P24
P25
P26
P27

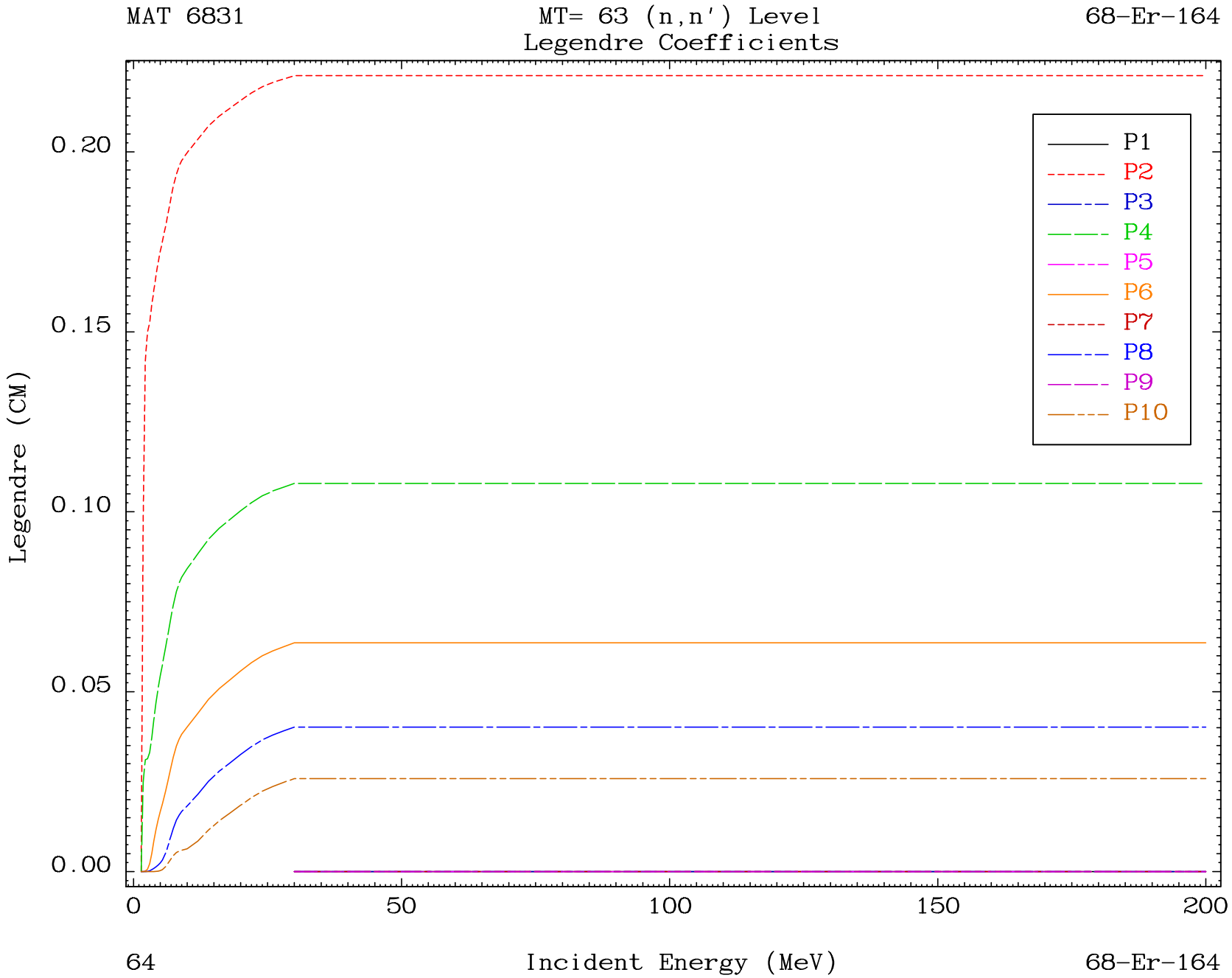

MAT 6831
MT= 61 (n,n') Level
Legendre Coefficients
68-Er-164
X10^-6
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
P35
P36
50
100
150
200
59
Incident Energy (MeV)
68-Er-164

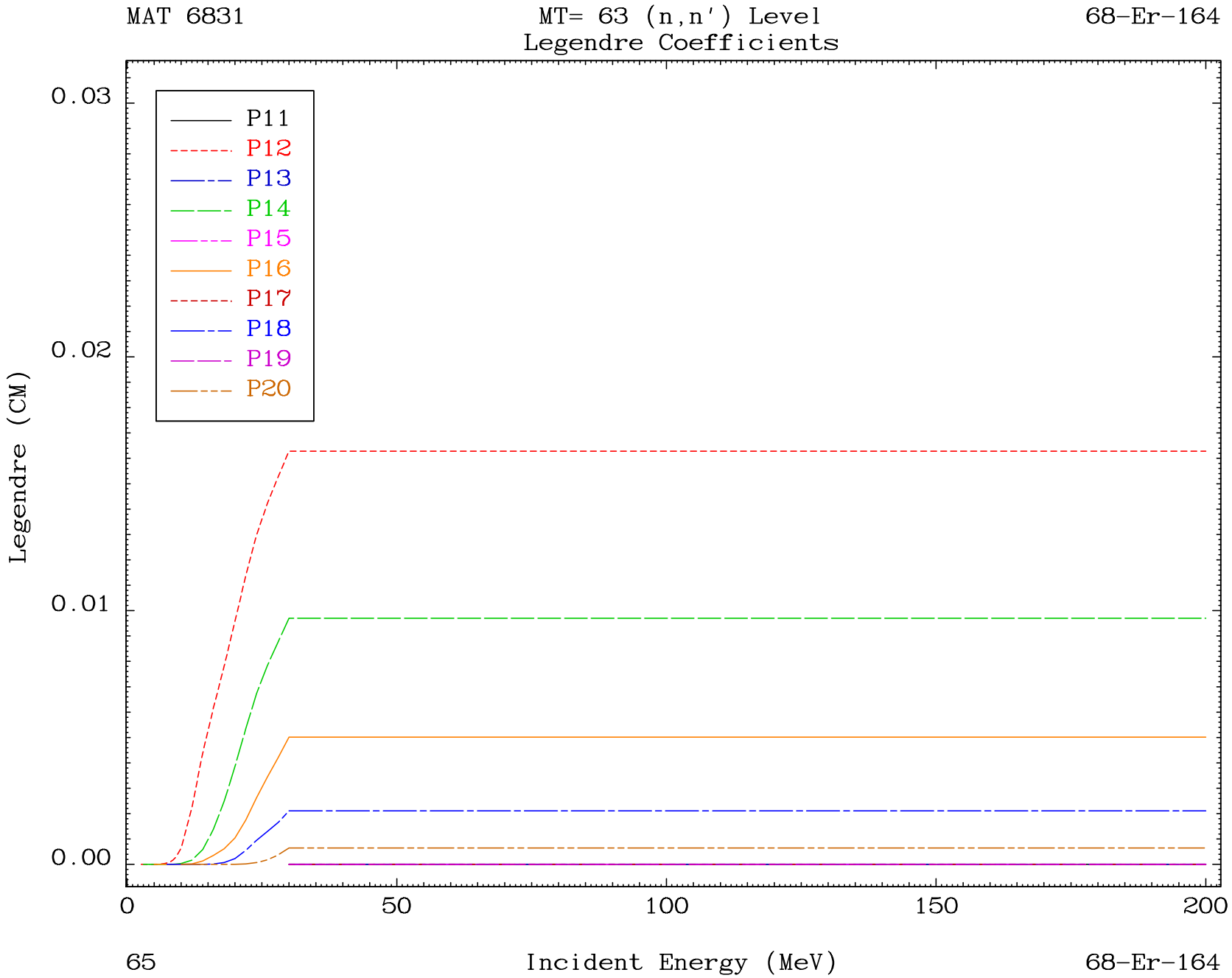

MAT 6831
MT= 62 (n,n') Level
Legendre Coefficients
68-Er-164
0.25
0.20
0.15
0.10
0.05
0.00
-0.05
Legendre (CM)
P1
P2
P3
P4
P5
P6
P7
P8
P9
0
50
100
150
200
60
Incident Energy (MeV)
68-Er-164

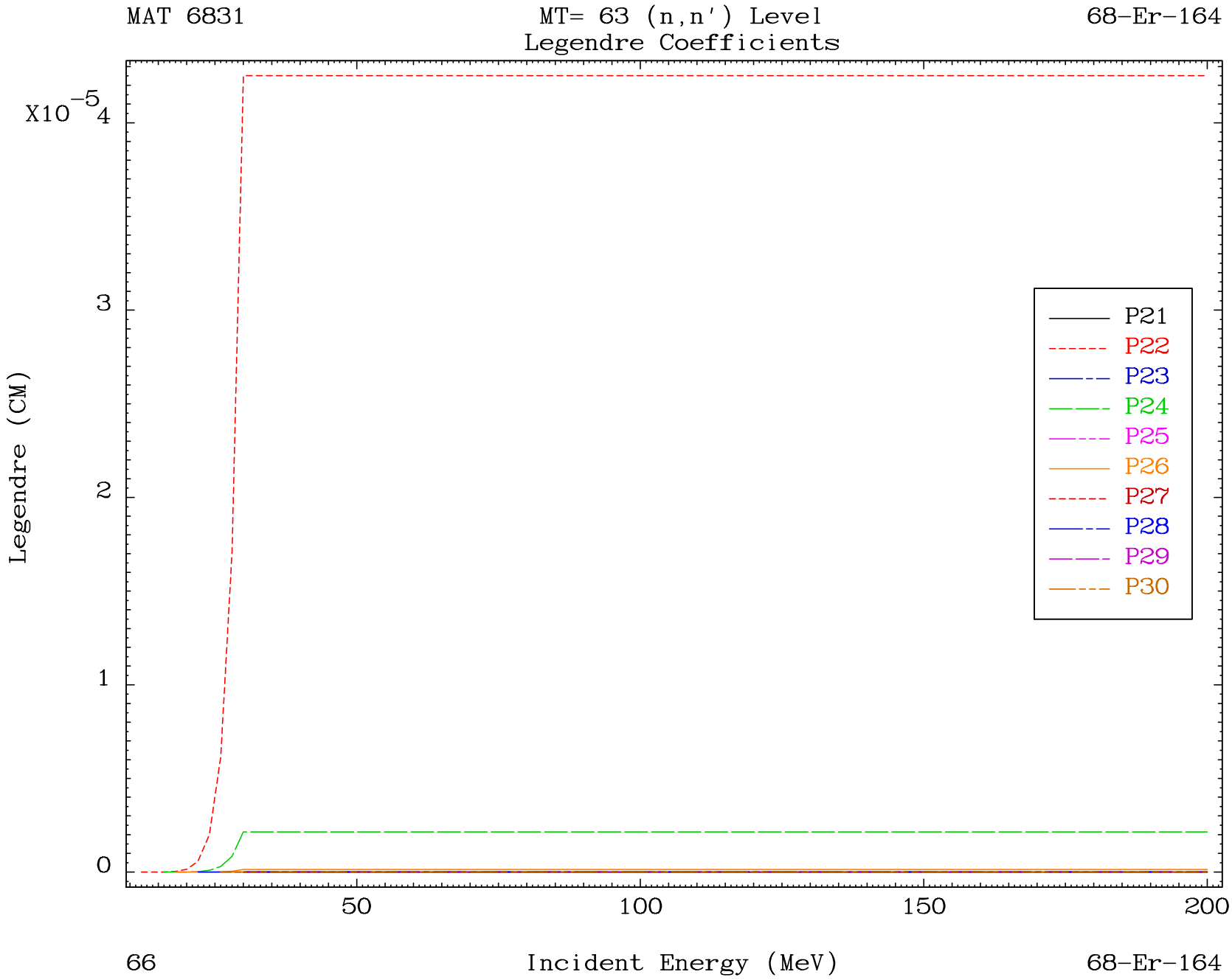

MAT 6831
MT= 62 (n,n') Level
Legendre Coefficients
68-Er-164
P10
P11
P12
P13
P14
P15
P16
P17
P18
0.06
0.04
0.02
0.00
-0.02
-0.04
Legendre (CM)
0
50
100
150
200
61
Incident Energy (MeV)
68-Er-164

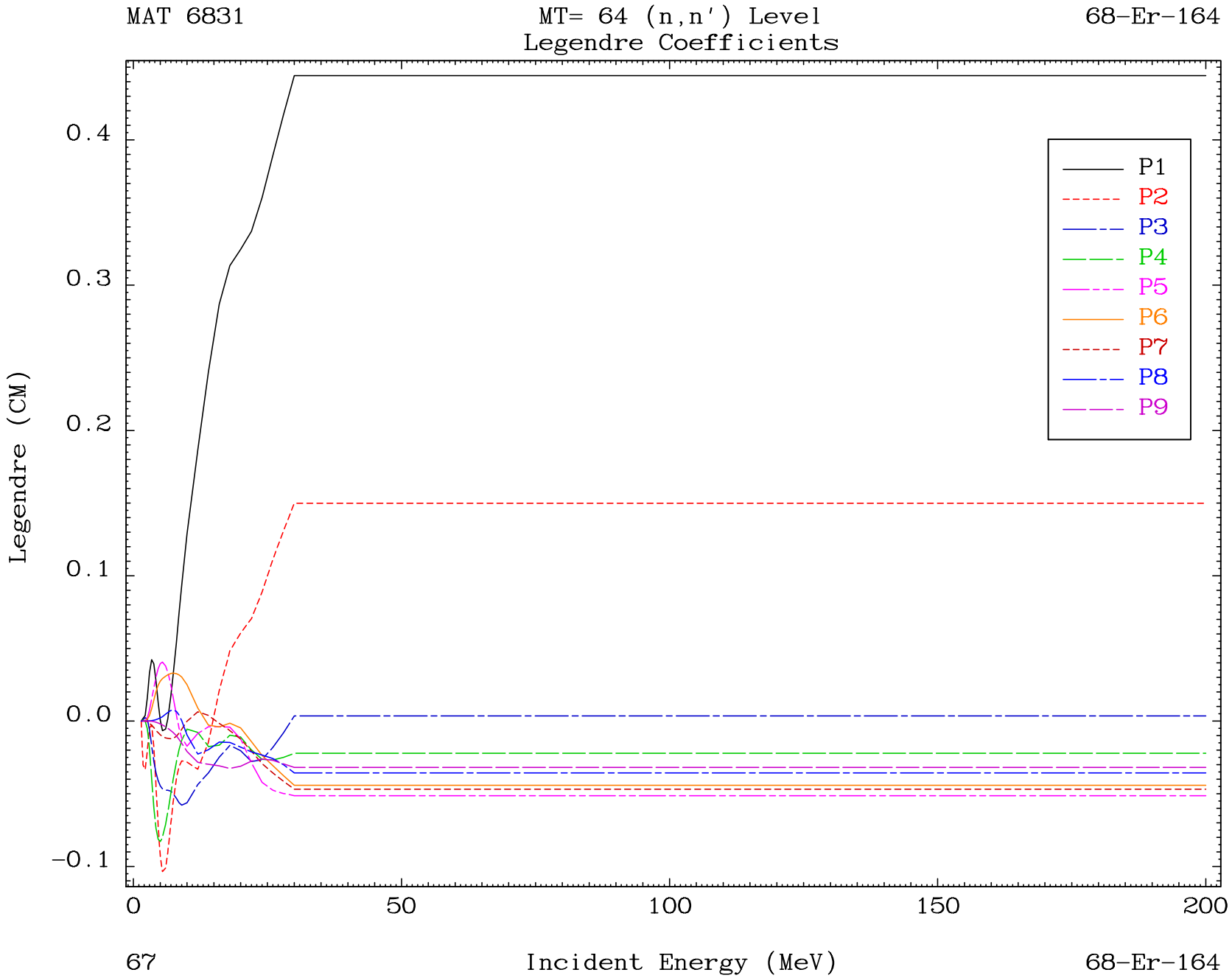

MAT 6831
MT= 62 (n,n') Level
Legendre Coefficients
68-Er-164
0.010
0.005
0.000
-0.005
-0.010
-0.015
Legendre (CM)
50
100
150
200
62
Incident Energy (MeV)
68-Er-164
P19
P20
P21
P22
P23
P24
P25
P26
P27

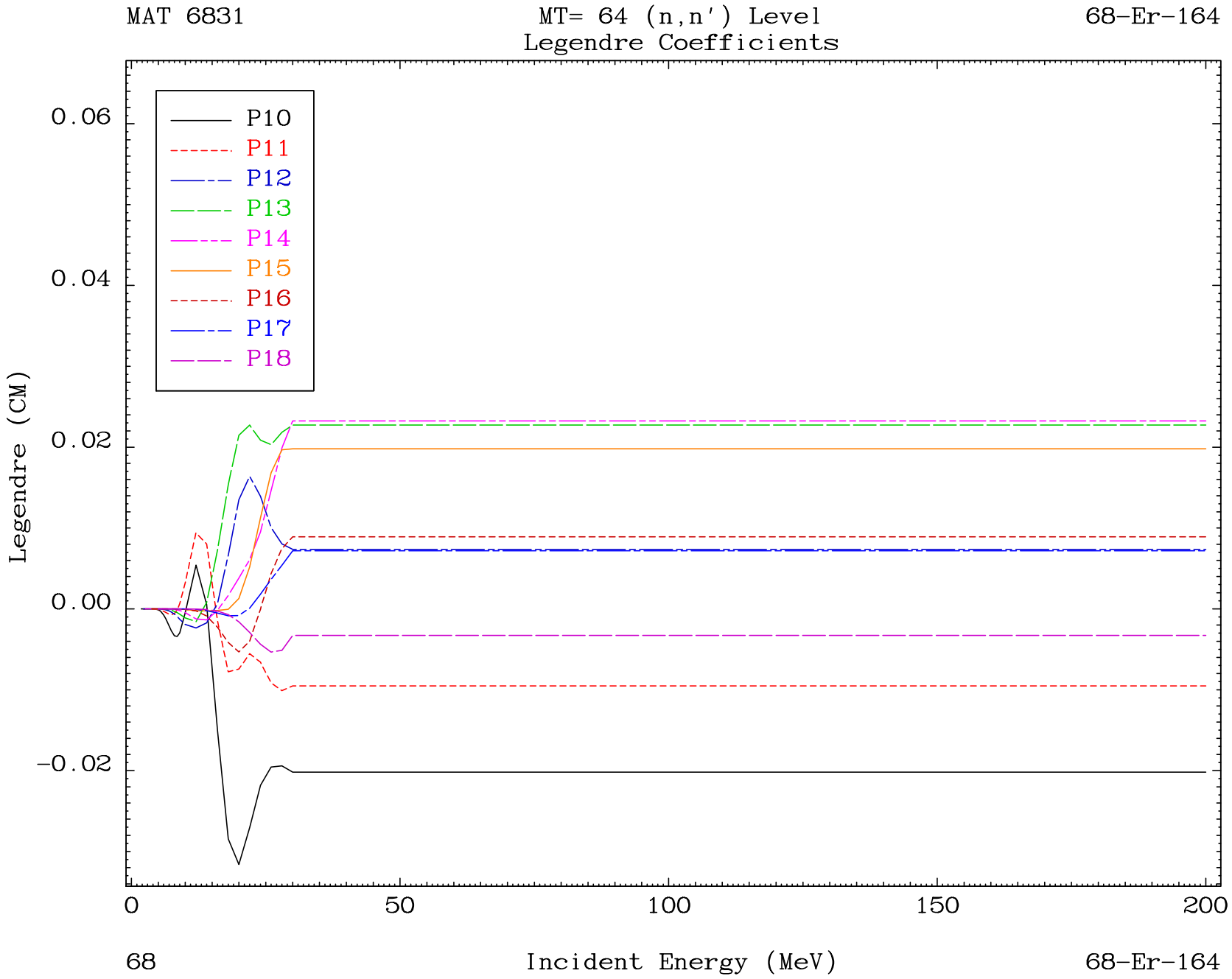

MAT 6831
MT= 62 (n,n') Level
Legendre Coefficients
68-Er-164
0.0
X10^-5
-0.5
-1.0
-1.5
-2.0
Legendre (CM)
50
100
150
200
63
Incident Energy (MeV)
68-Er-164
P28
P29
P30
P31
P32
P33
P34
P35
P36

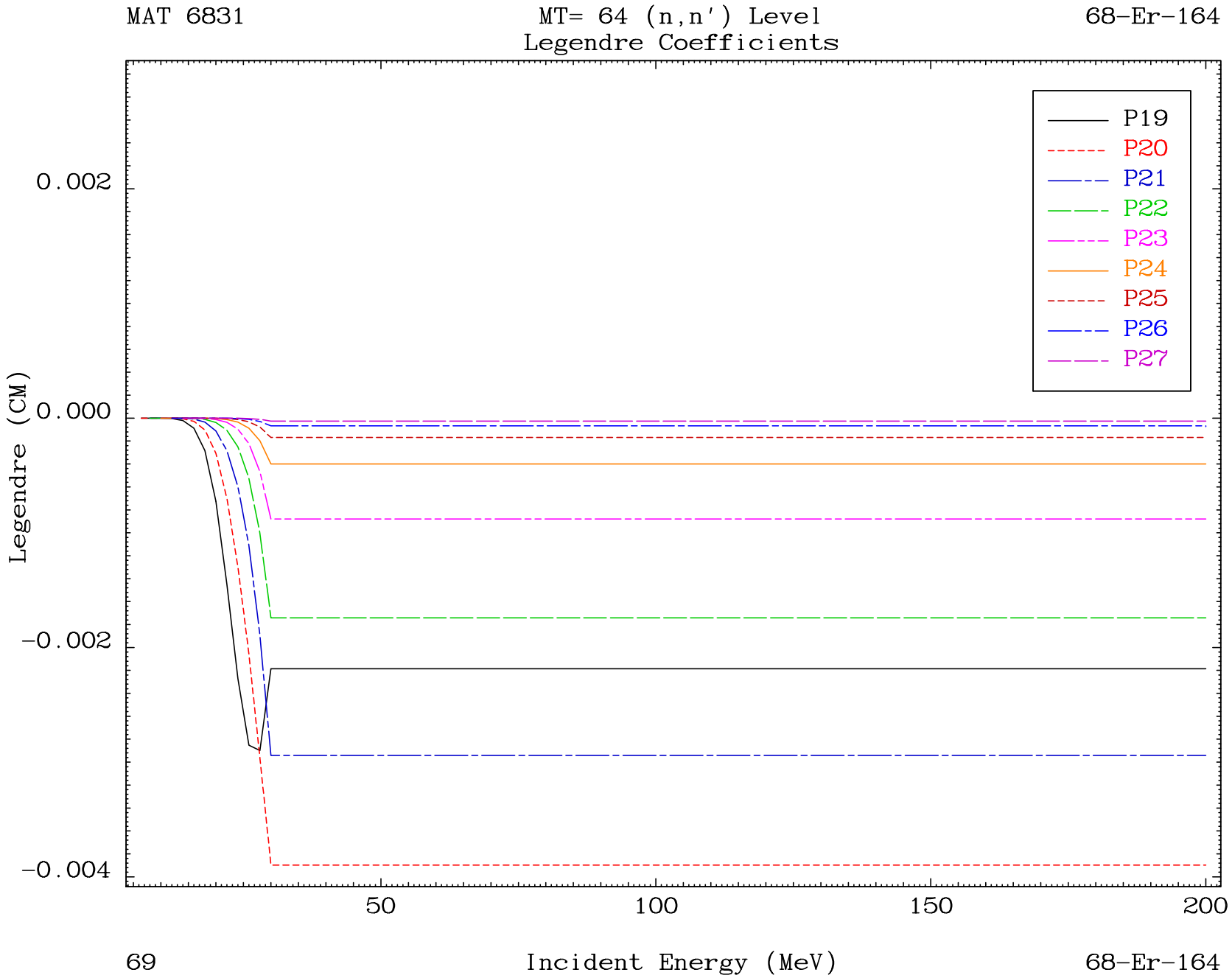

MAT 6831
MT= 63 (n,n') Level
Legendre Coefficients
68-Er-164
Legendre (CM)
0.20
0.15
0.10
0.05
0.00
0
50
100
150
200
Incident Energy (MeV)
64
68-Er-164
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10

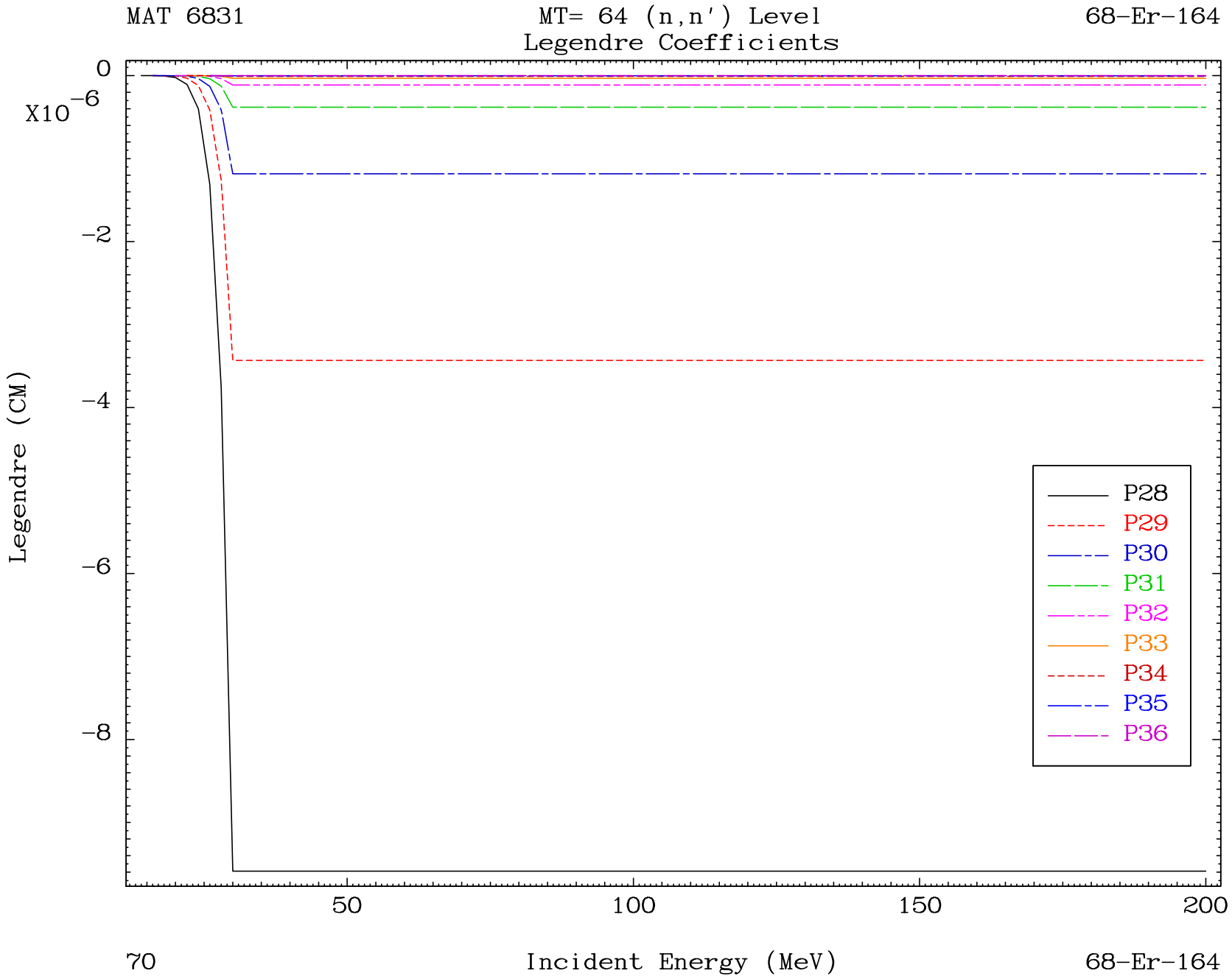

MAT 6831
MT= 63 (n,n') Level
Legendre Coefficients
68-Er-164
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20
0.03
0.02
0.01
0.00
Legendre (CM)
0
50
100
150
200
65
Incident Energy (MeV)
68-Er-164

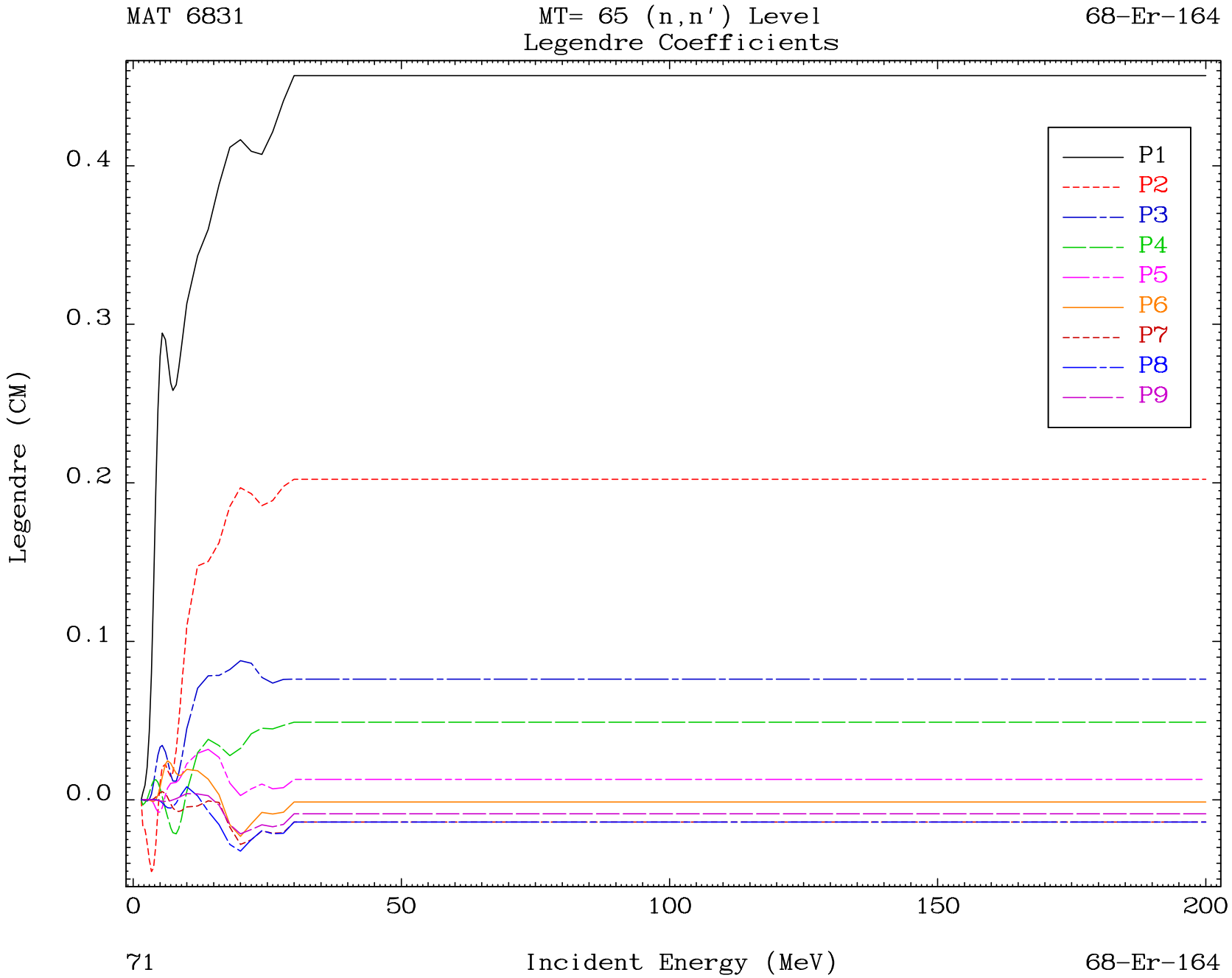

MAT 6831
MT= 63 (n,n') Level
Legendre Coefficients
68-Er-164
X10 -5
4
3
2
1
0
Legendre (CM)
P21
P22
P23
P24
P25
P26
P27
P28
P29
P30
50
100
150
200
66
Incident Energy (MeV)
68-Er-164

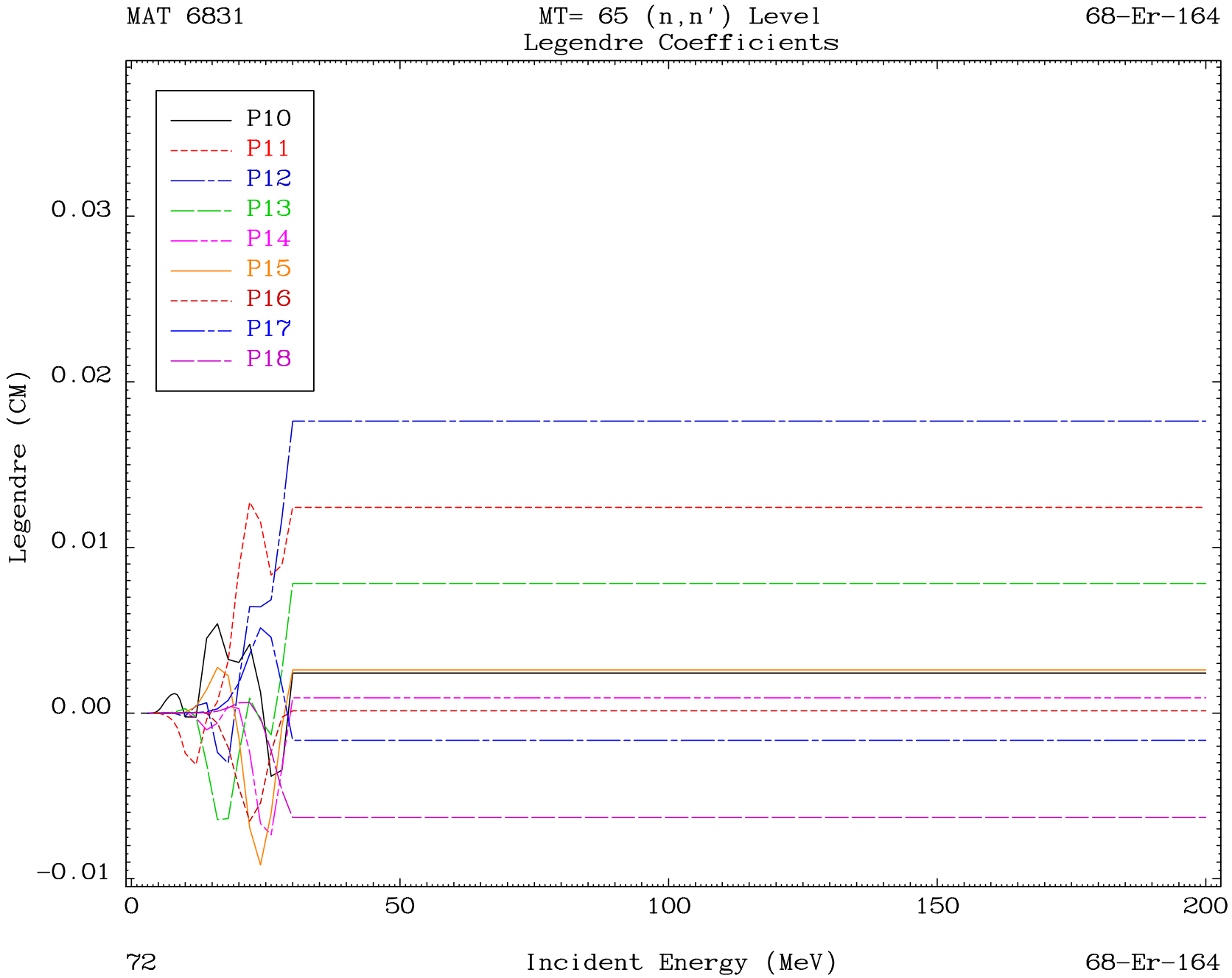

MAT 6831
MT= 64 (n,n') Level
Legendre Coefficients
68-Er-164
Legendre (CM)
0.4
0.3
0.2
0.1
0.0
-0.1
0
50
100
150
200
67
Incident Energy (MeV)
68-Er-164
P1
P2
P3
P4
P5
P6
P7
P8
P9

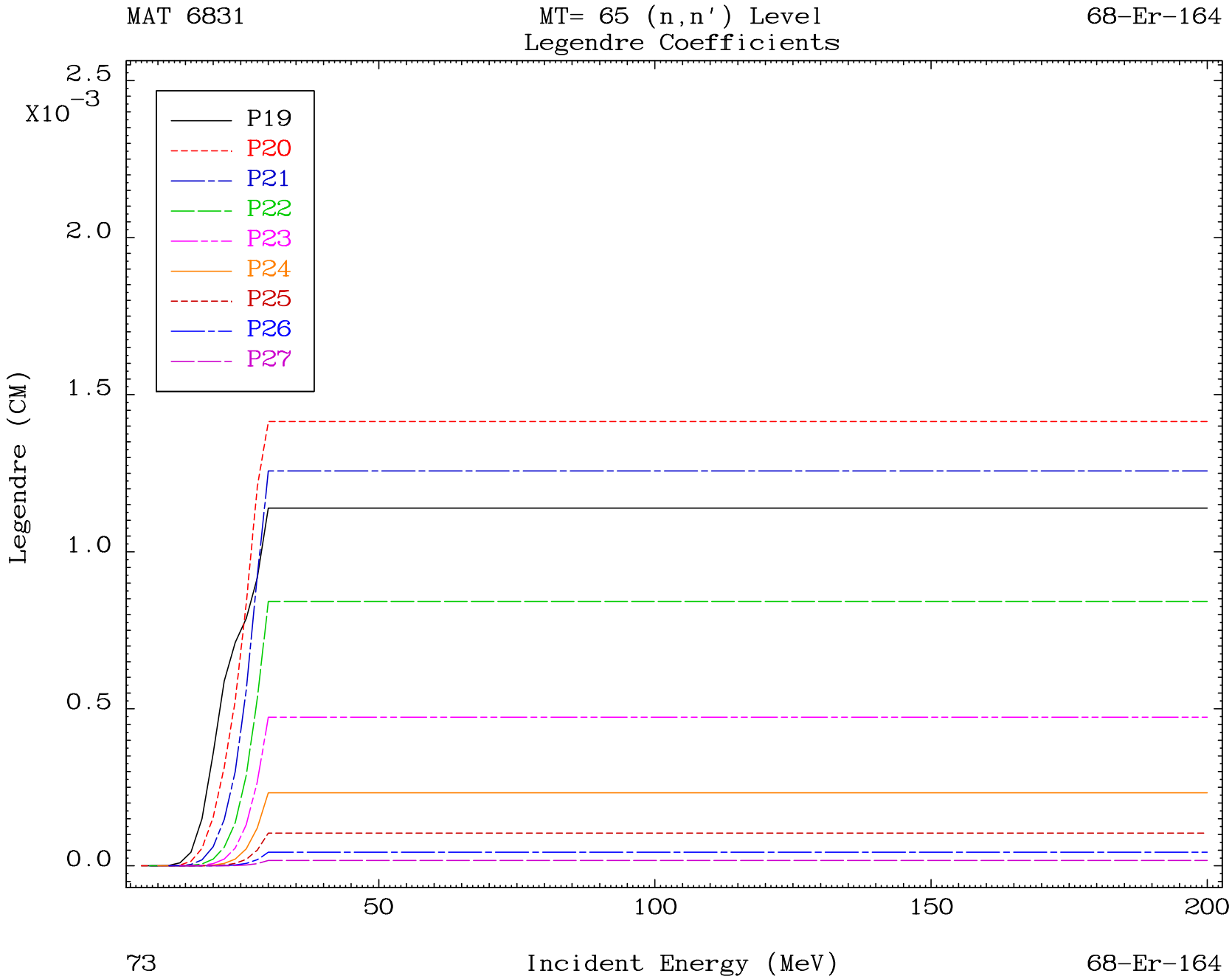

MAT 6831
MT= 64 (n,n') Level
Legendre Coefficients
68-Er-164
P10
P11
P12
P13
P14
P15
P16
P17
P18
0.06
0.04
0.02
0.00
-0.02
Legendre (CM)
0
50
100
150
200
68
Incident Energy (MeV)
68-Er-164

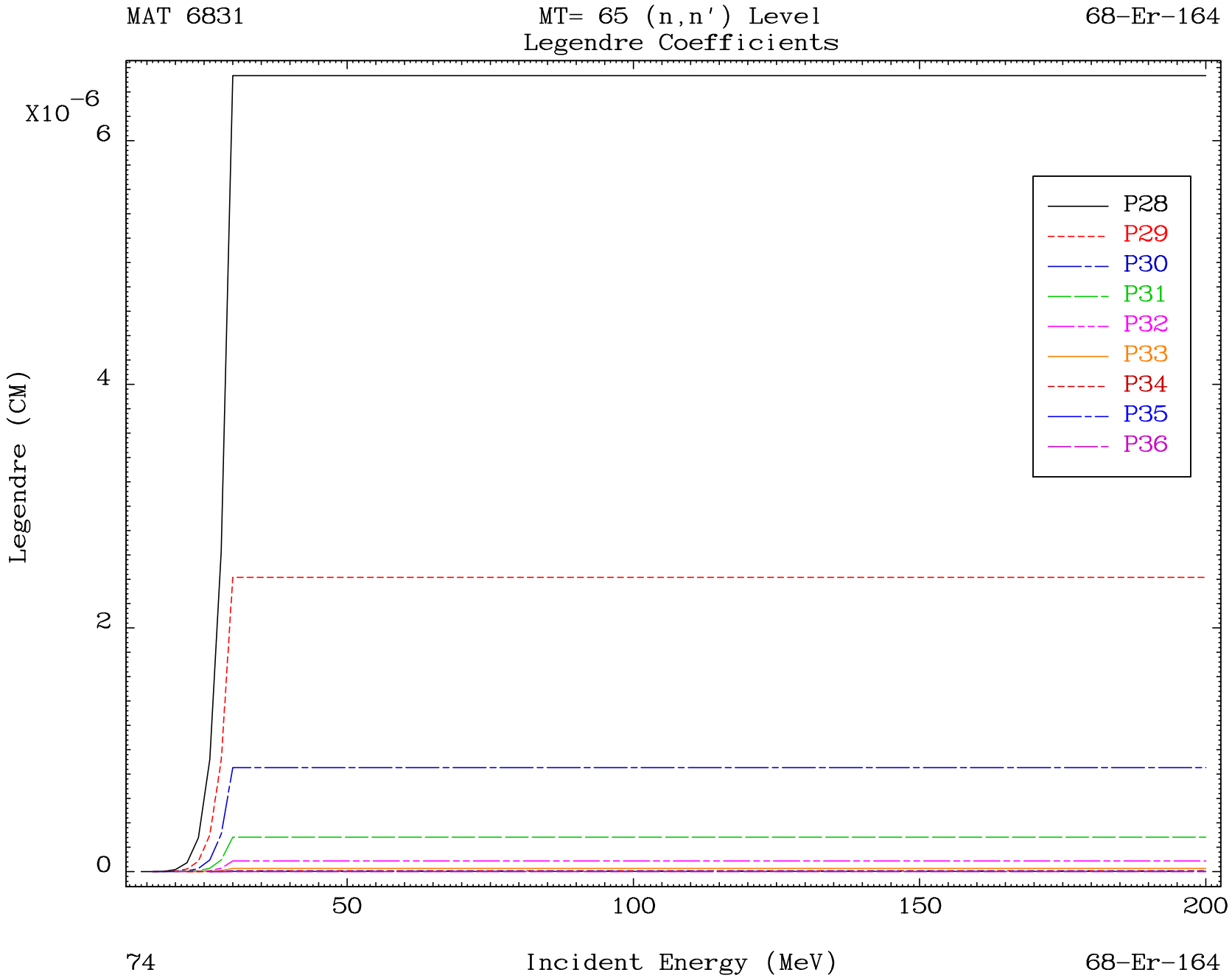

MAT 6831
MT= 64 (n,n') Level
Legendre Coefficients
68-Er-164
P19
P20
P21
P22
P23
P24
P25
P26
P27
0.002
0.000
-0.002
-0.004
Legendre (CM)
50
100
150
200
69
Incident Energy (MeV)
68-Er-164

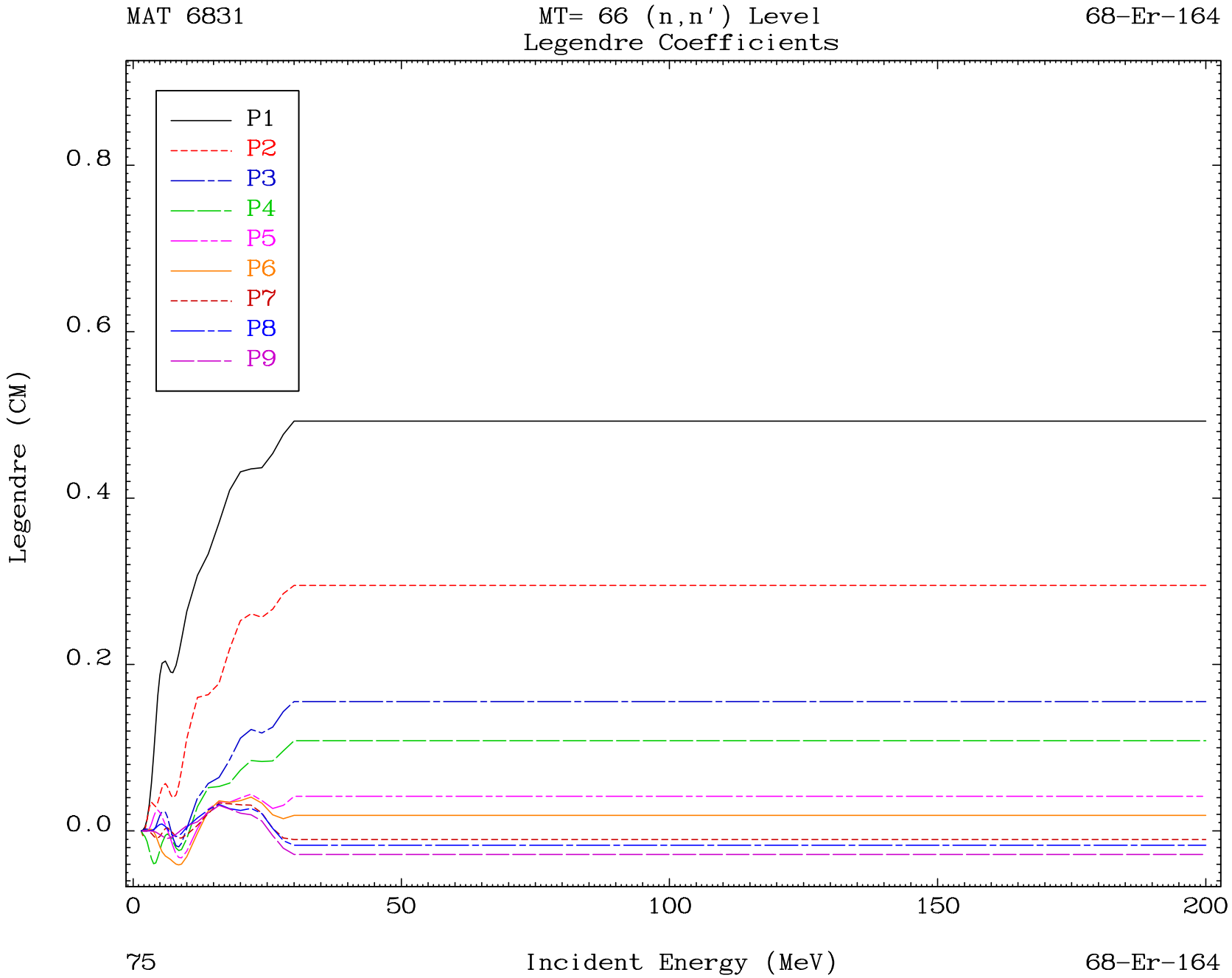

MAT 6831
MT= 64 (n,n') Level
Legendre Coefficients
68-Er-164
0
X10 −6
−2
−4
−6
−8
Legendre (CM)
50
100
150
200
70
Incident Energy (MeV)
68-Er-164
P28
P29
P30
P31
P32
P33
P34
P35
P36

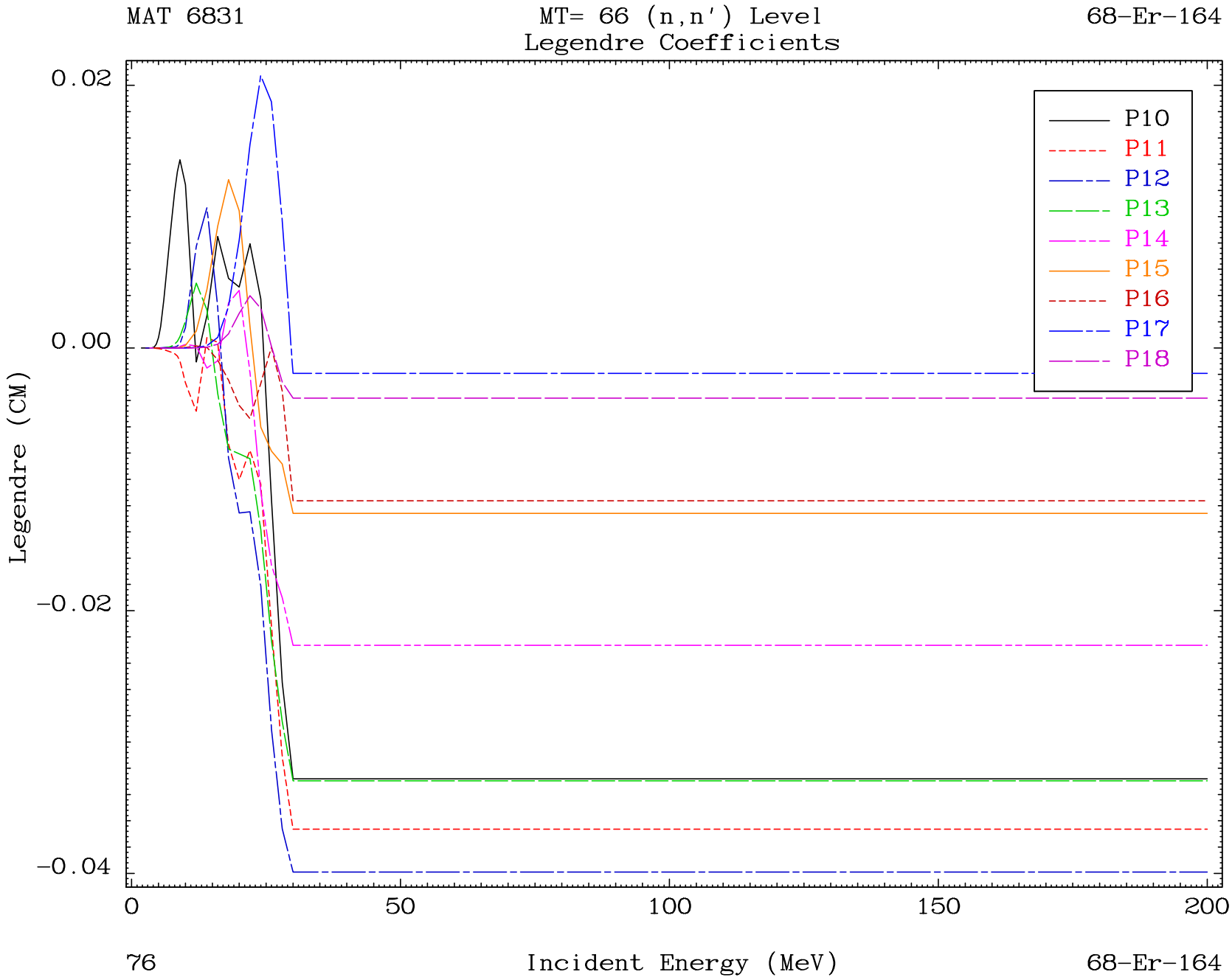

MAT 6831
MT= 65 (n,n') Level
Legendre Coefficients
68-Er-164
Legendre (CM)
0.4
0.3
0.2
0.1
0.0
0
50
100
150
200
P1
P2
P3
P4
P5
P6
P7
P8
P9
71
Incident Energy (MeV)
68-Er-164

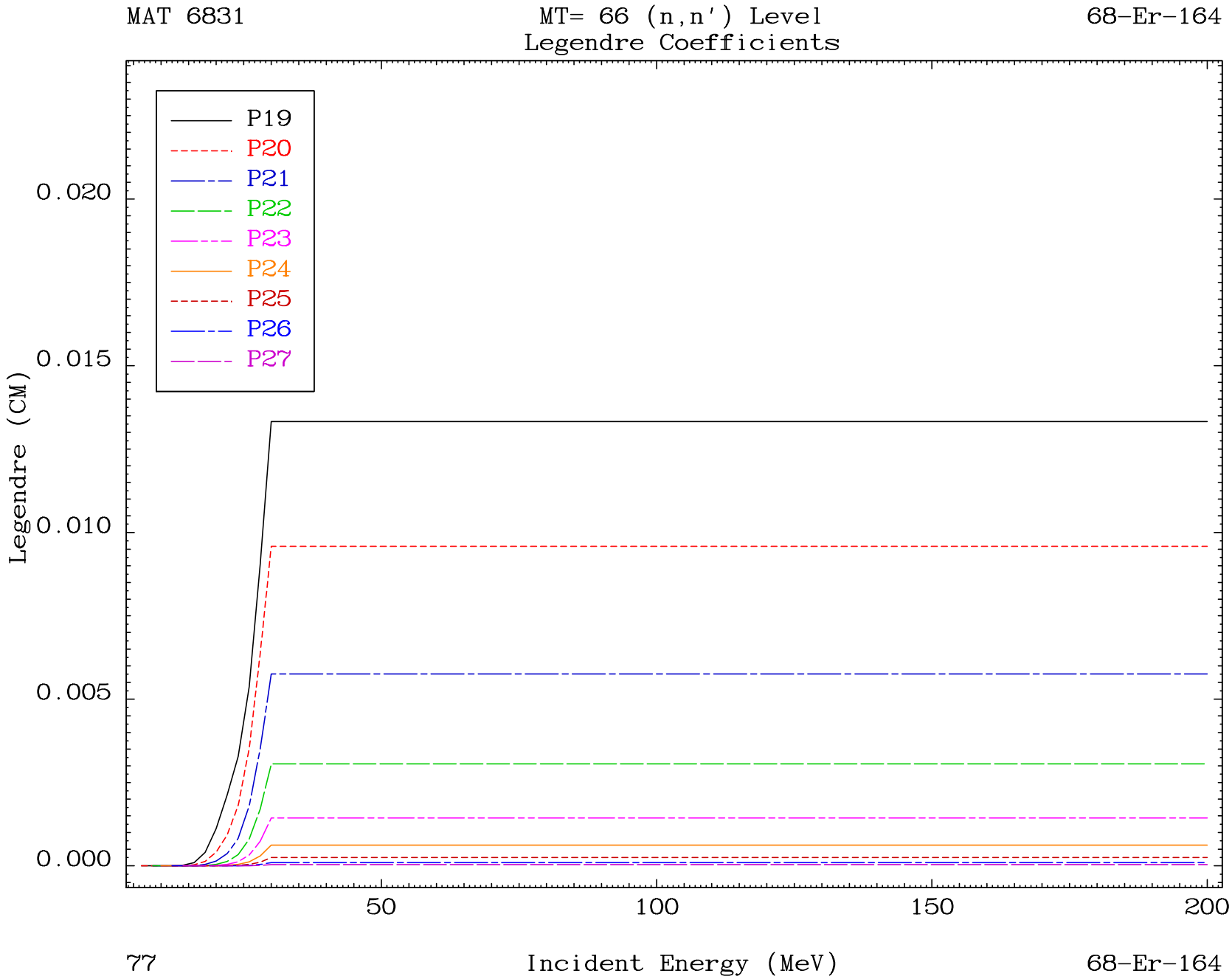

MAT 6831
MT= 65 (n,n') Level
Legendre Coefficients
68-Er-164
P10
P11
P12
P13
P14
P15
P16
P17
P18
0.03
0.02
0.01
0.00
-0.01
Legendre (CM)
0
50
100
150
200
72
Incident Energy (MeV)
68-Er-164

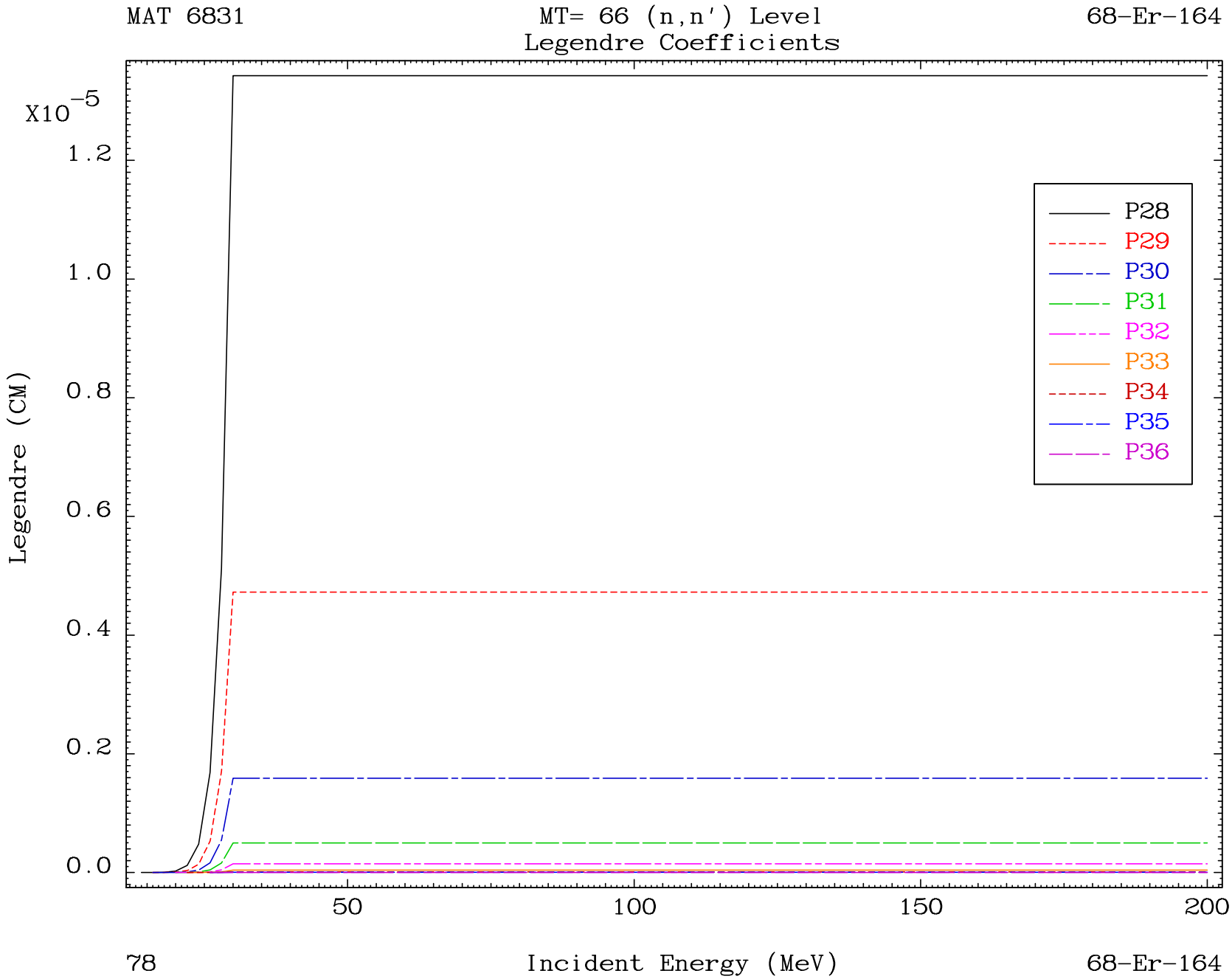

MAT 6831
MT= 65 (n,n') Level
Legendre Coefficients
68-Er-164
X10 -3
2.5
2.0
1.5
1.0
0.5
0.0
P19
P20
P21
P22
P23
P24
P25
P26
P27
Legendre (CM)
50
100
150
200
73
Incident Energy (MeV)
68-Er-164

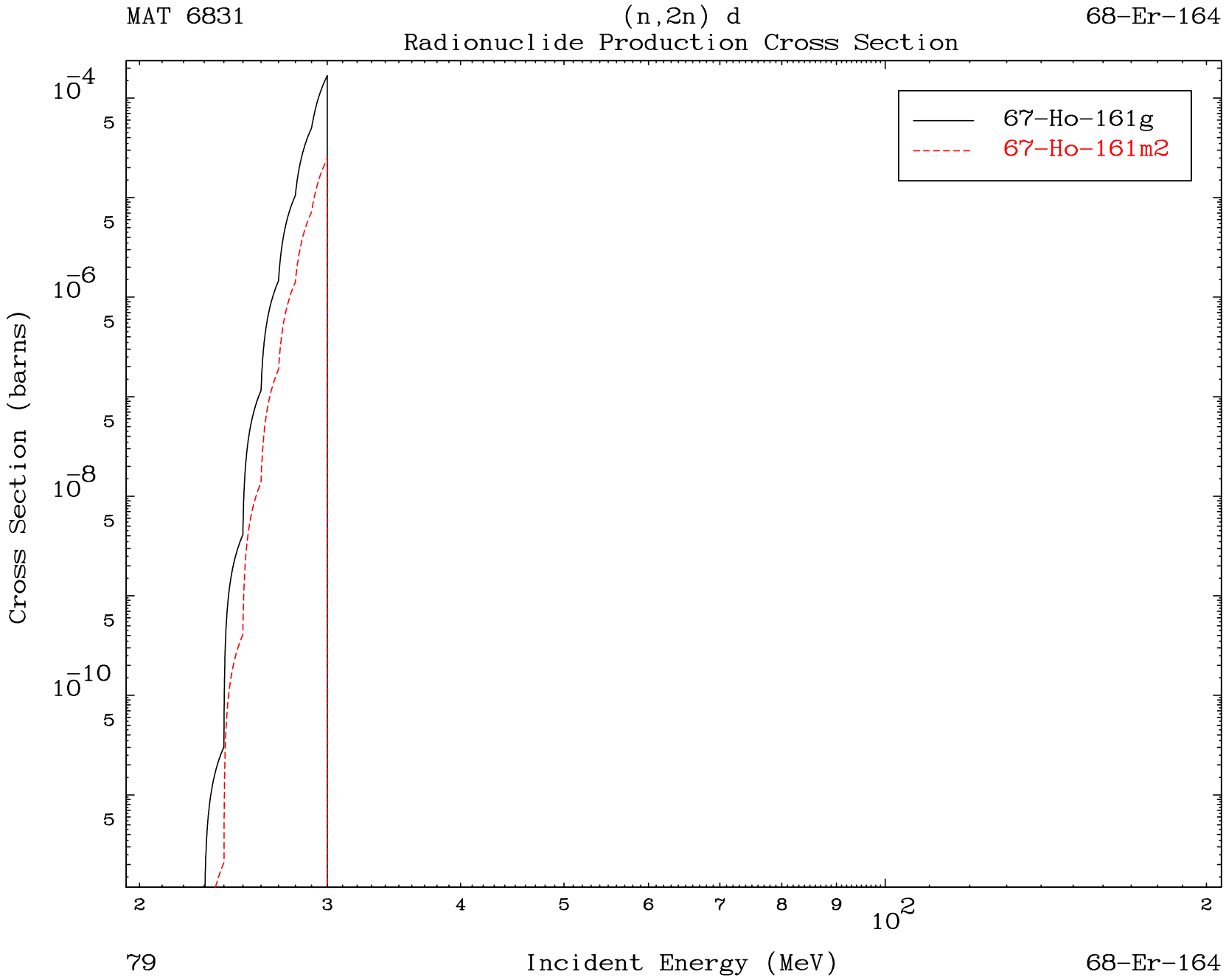

MAT 6831
MT= 65 (n,n') Level
Legendre Coefficients
68-Er-164
X10^-6
6
4
2
0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
P35
P36
50
100
150
200
74
Incident Energy (MeV)
68-Er-164

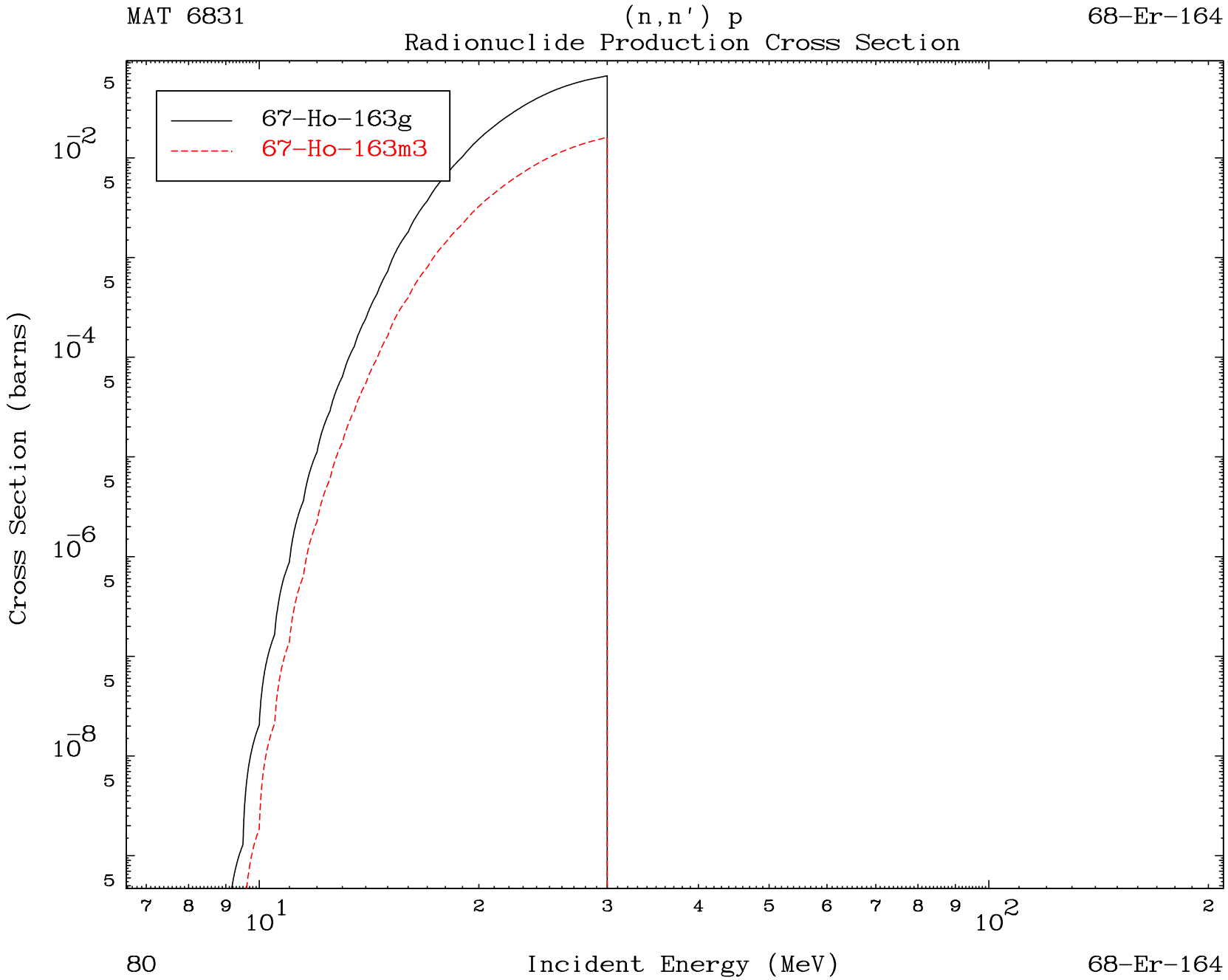

MAT 6831
MT= 66 (n,n') Level
Legendre Coefficients
68-Er-164
P1
P2
P3
P4
P5
P6
P7
P8
P9
Legendre (CM)
0.0
0.2
0.4
0.6
0.8
0
50
100
150
200
75
Incident Energy (MeV)
68-Er-164

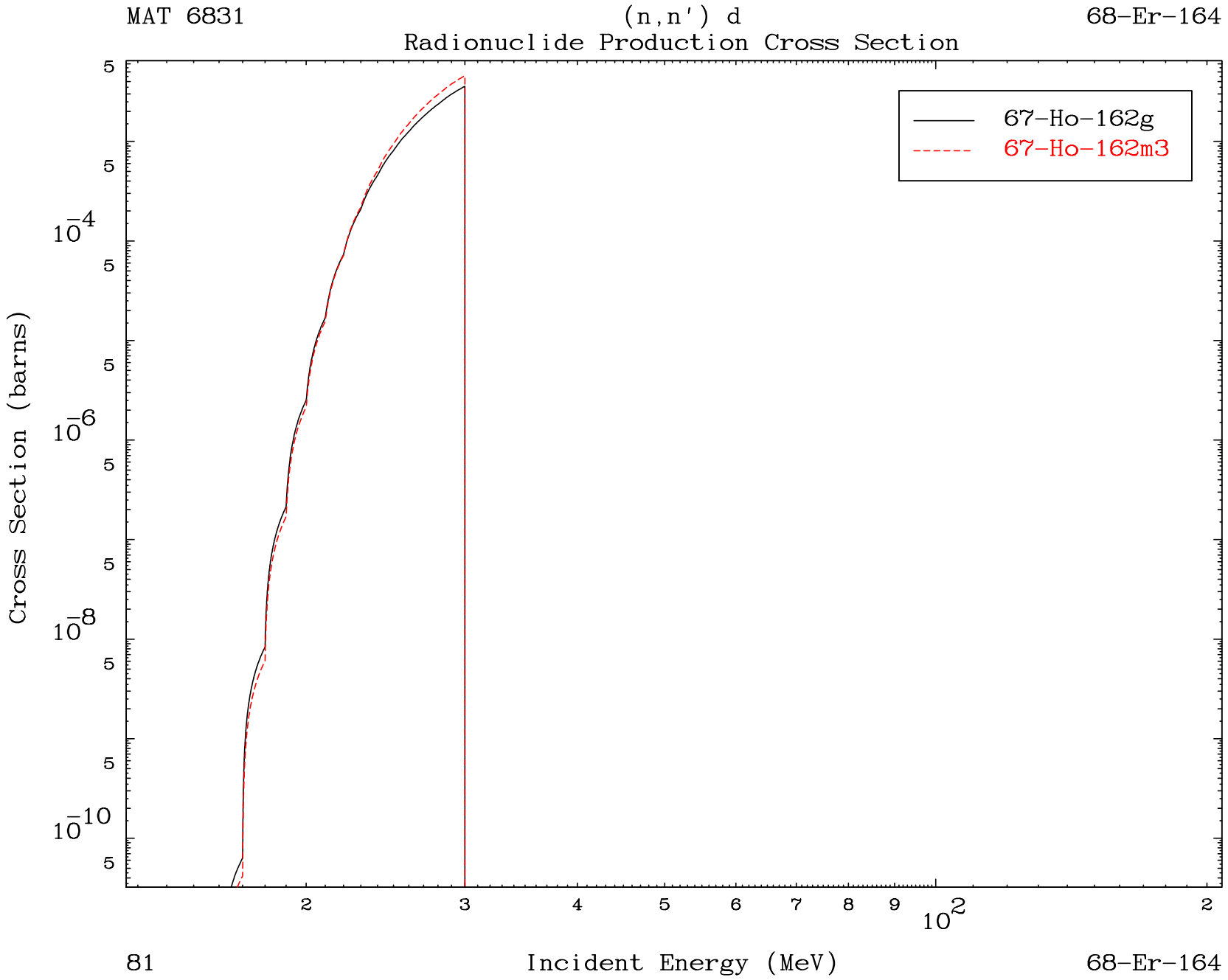

MAT 6831
MT= 66 (n,n') Level
Legendre Coefficients
68-Er-164
0.02
0.00
-0.02
-0.04
Legendre (CM)
P10
P11
P12
P13
P14
P15
P16
P17
P18
0
50
100
150
200
76
Incident Energy (MeV)
68-Er-164

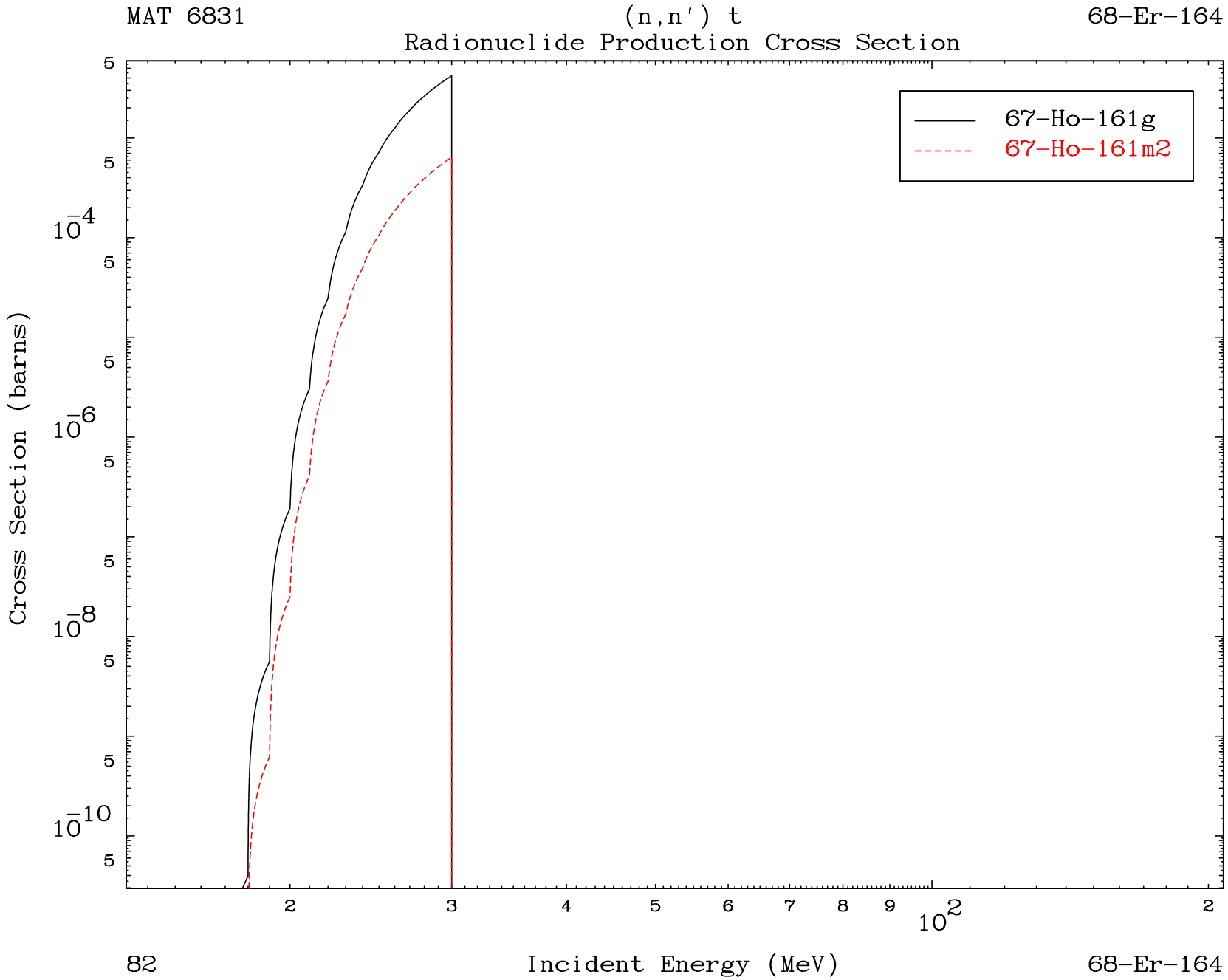

MAT 6831
MT= 66 (n,n') Level
Legendre Coefficients
68-Er-164
P19
P20
P21
P22
P23
P24
P25
P26
P27
0.020
0.015
0.010
0.005
0.000
Legendre (CM)
50
100
150
200
77
Incident Energy (MeV)
68-Er-164

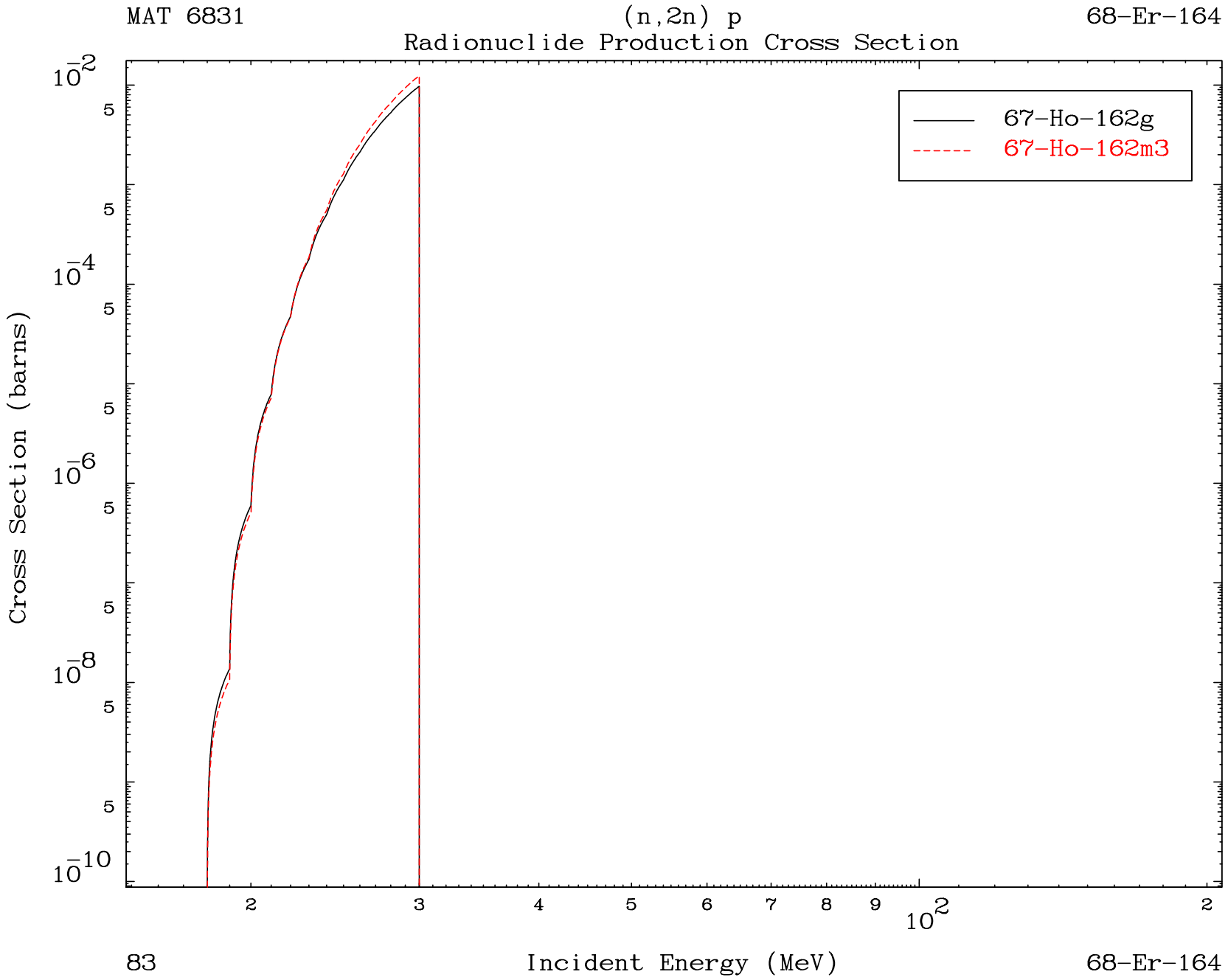

MAT 6831
MT= 66 (n,n') Level
Legendre Coefficients
68-Er-164
X10^-5
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Legendre (CM)
P28
P29
P30
P31
P32
P33
P34
P35
P36
50
100
150
200
78
Incident Energy (MeV)
68-Er-164

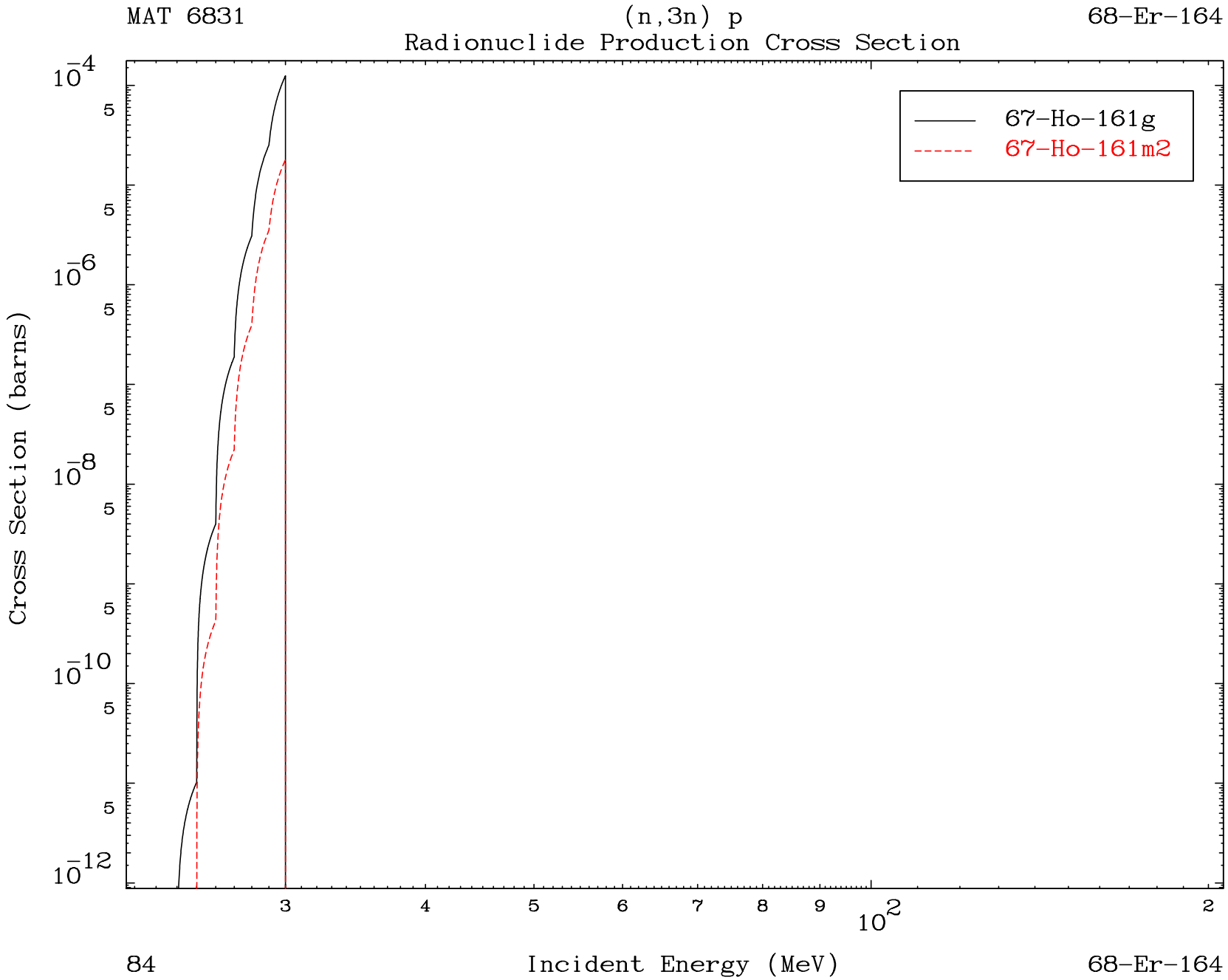

MAT 6831
(n,2n) d
68-Er-164
Radionuclide Production Cross Section
67-Ho-161g
67-Ho-161m2
Cross Section (barns)
Incident Energy (MeV)
79
68-Er-164

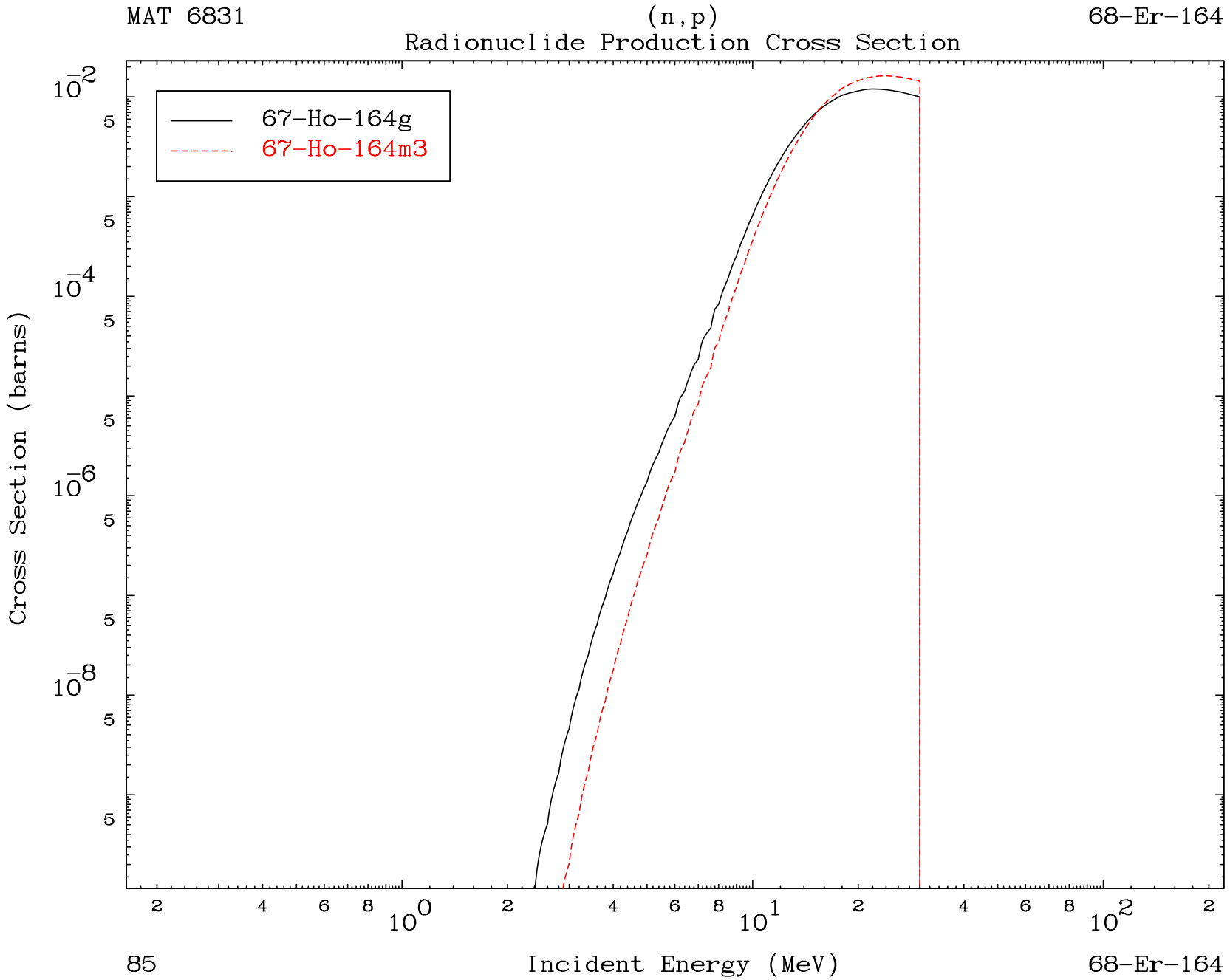

MAT 6831
(n,n') p
68-Er-164
Radionuclide Production Cross Section
67-Ho-163g
67-Ho-163m3
Cross Section (barns)
10-2
10-4
10-6
10-8
5
7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
80
Incident Energy (MeV)
68-Er-164

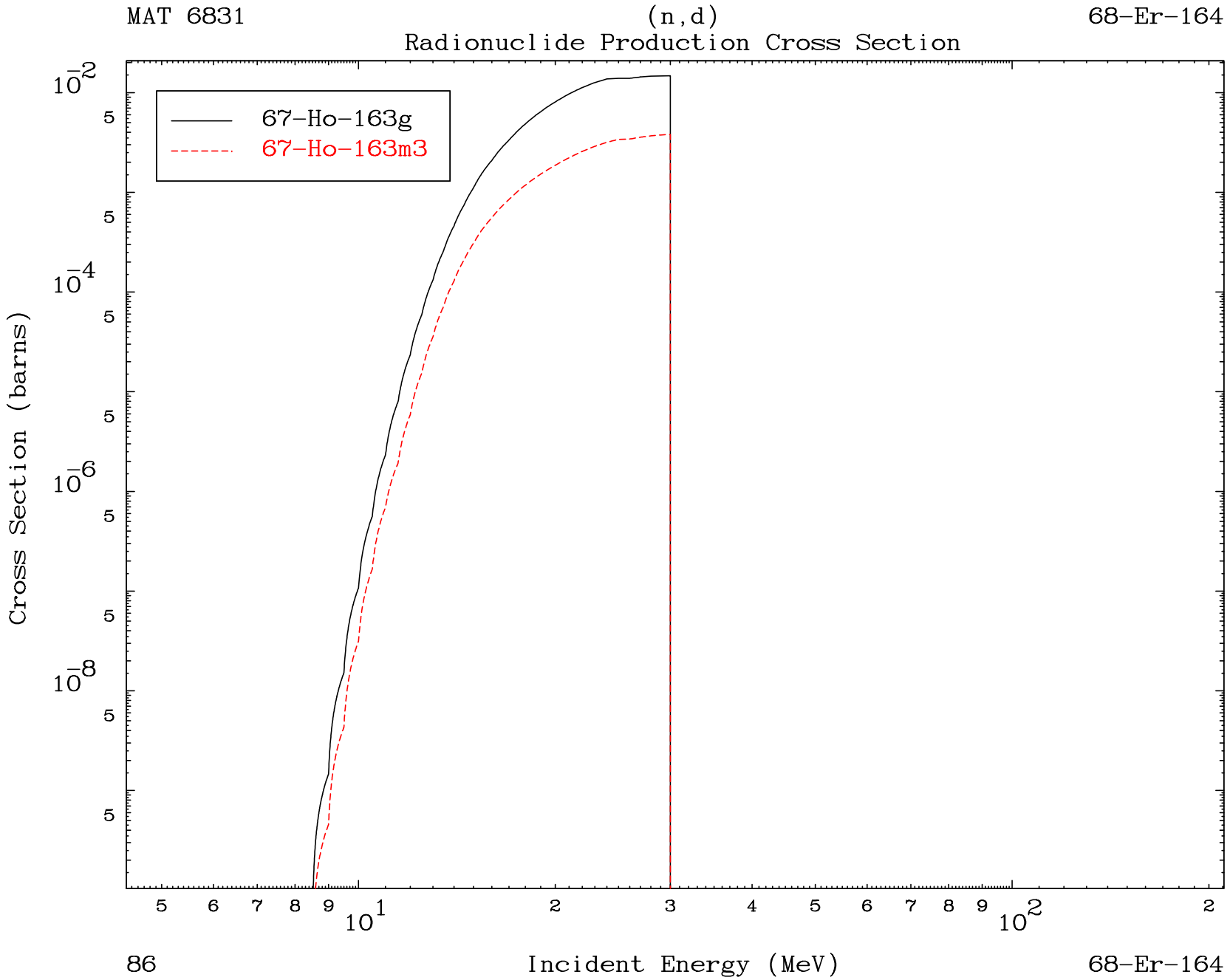

MAT 6831
(n,n') d
68-Er-164
Radionuclide Production Cross Section
67-Ho-162g
67-Ho-162m3
Cross Section (barns)
10-4
10-6
10-8
10-10
2
3
4
5
6
7
8
9
10 2
2
81
Incident Energy (MeV)
68-Er-164

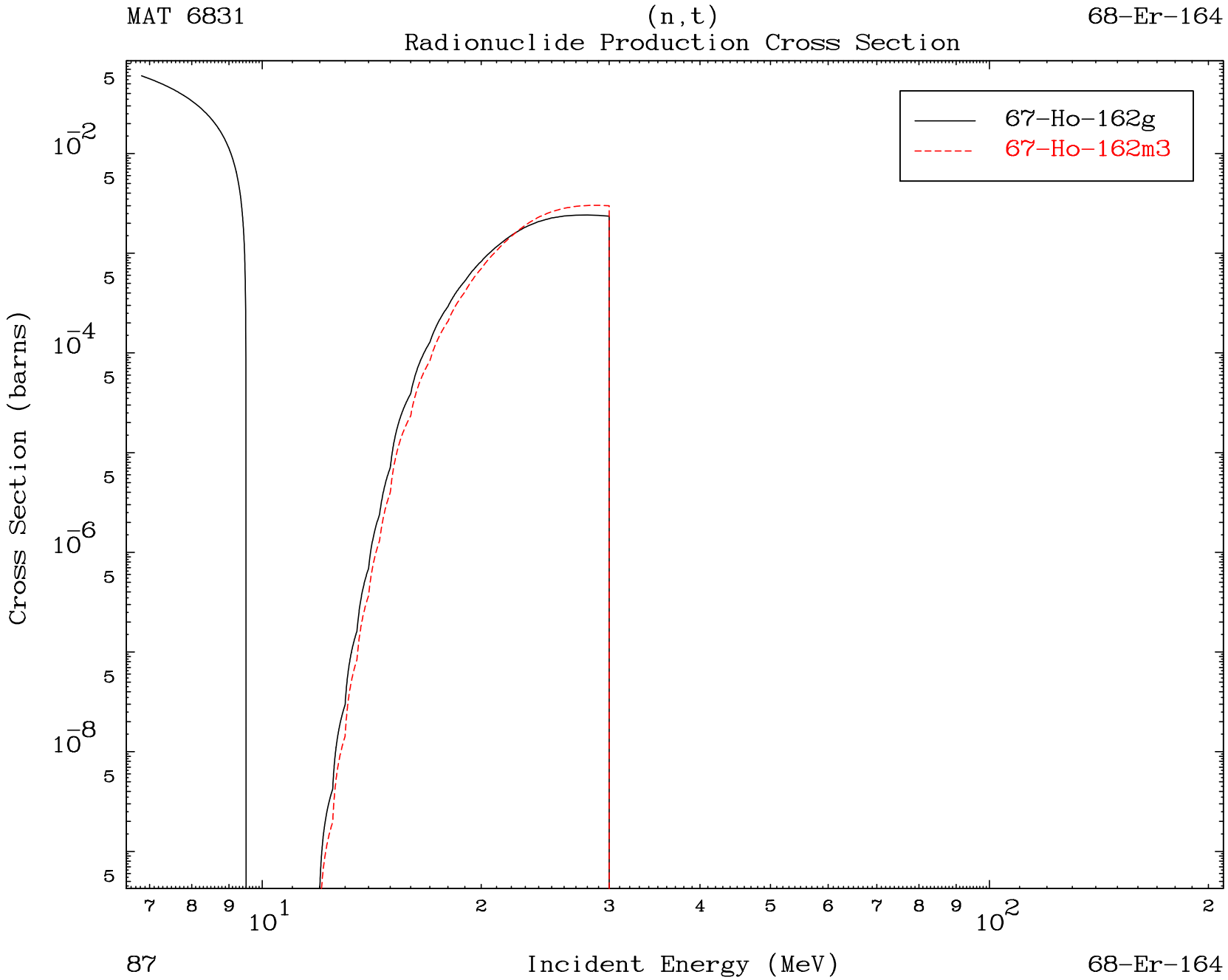

MAT 6831
(n,n') t
68-Er-164
Radionuclide Production Cross Section
67-Ho-161g
67-Ho-161m2
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
2
3
4
5
6
7
8
9
10^2
2
82
Incident Energy (MeV)
68-Er-164


MAT 6831
(n,2n) p
68-Er-164
Radionuclide Production Cross Section
67-Ho-162g
67-Ho-162m3
Cross Section (barns)
Incident Energy (MeV)
83
68-Er-164


MAT 6831
(n,3n) p
68-Er-164
Radionuclide Production Cross Section
67-Ho-161g
67-Ho-161m2
Cross Section (barns)
Incident Energy (MeV)
84
68-Er-164


MAT 6831
(n,p)
68-Er-164
Radionuclide Production Cross Section
67-Ho-164g
67-Ho-164m3
Cross Section (barns)
Incident Energy (MeV)
85
68-Er-164


MAT 6831
(n,d)
68-Er-164
Radionuclide Production Cross Section
67-Ho-163g
67-Ho-163m3
Cross Section (barns)
Incident Energy (MeV)
86
68-Er-164


MAT 6831
(n,t)
68-Er-164
Radionuclide Production Cross Section
67-Ho-162g
67-Ho-162m3
Cross Section (barns)
Incident Energy (MeV)
87
68-Er-164