

Program EVALPLOT
(Version 2021-1)

by

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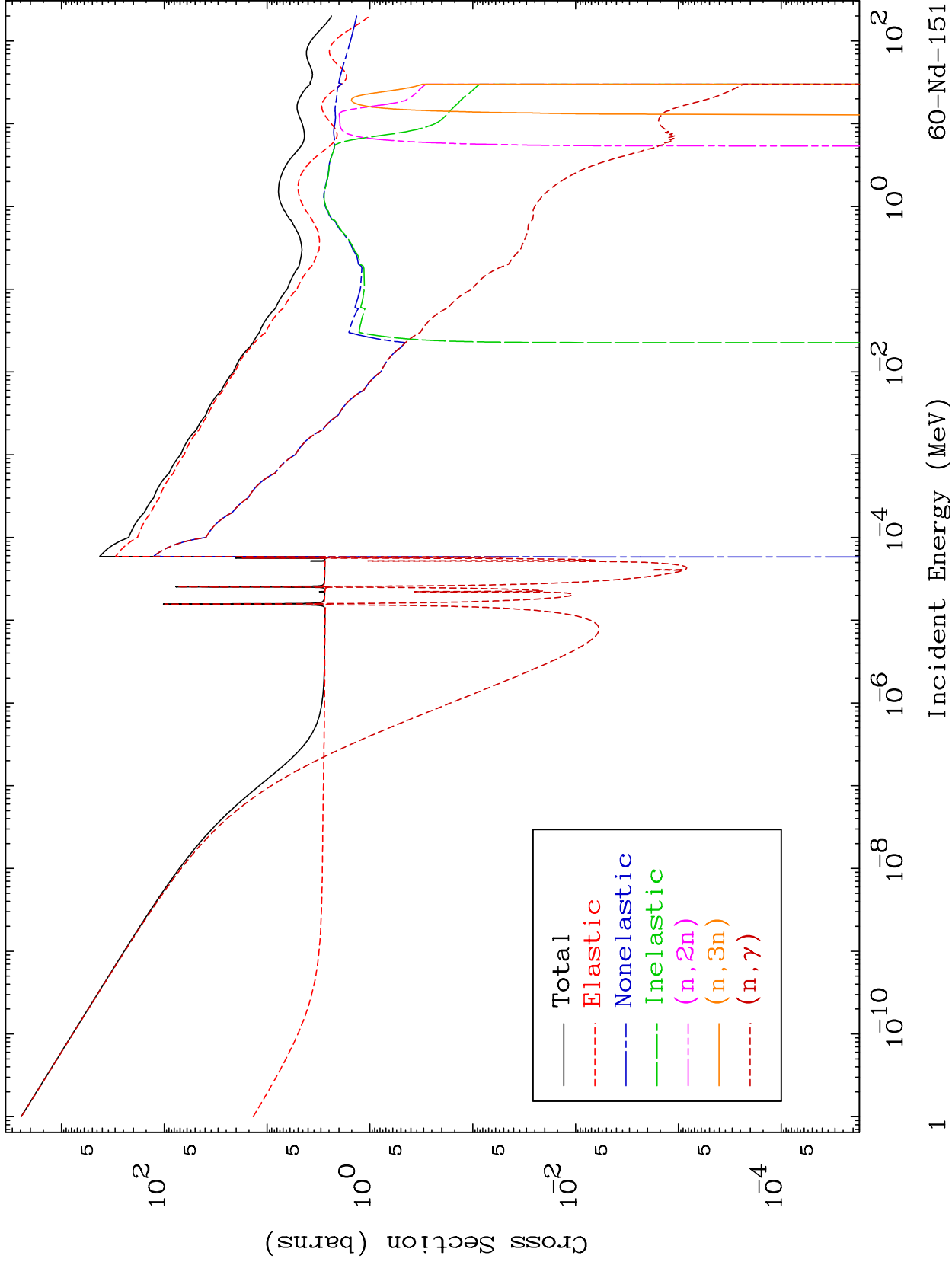
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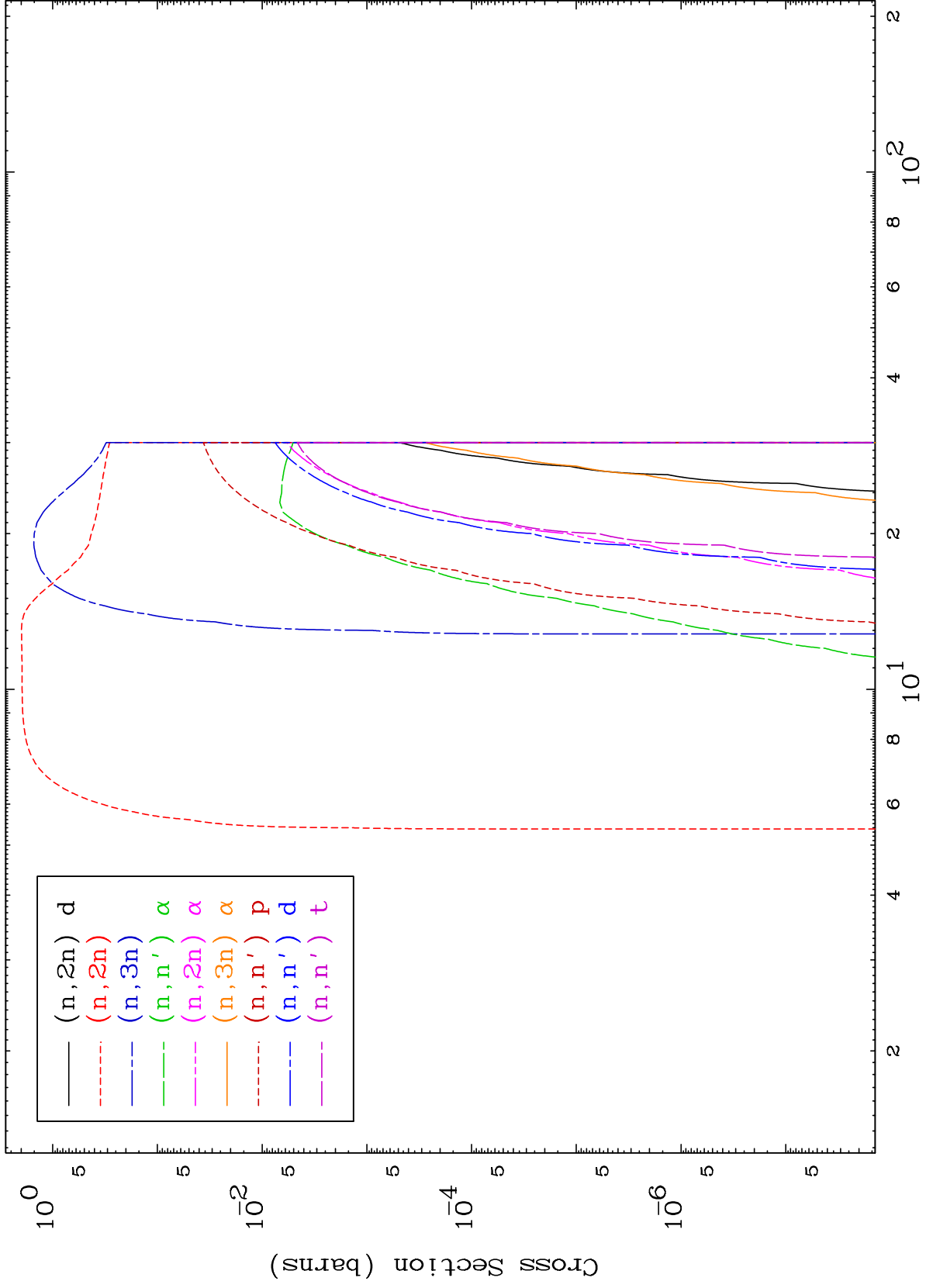
Press Mouse Button to Start

MAT 6052

Neutron Major
293 Kelvin Cross Sections

60-Nd-151

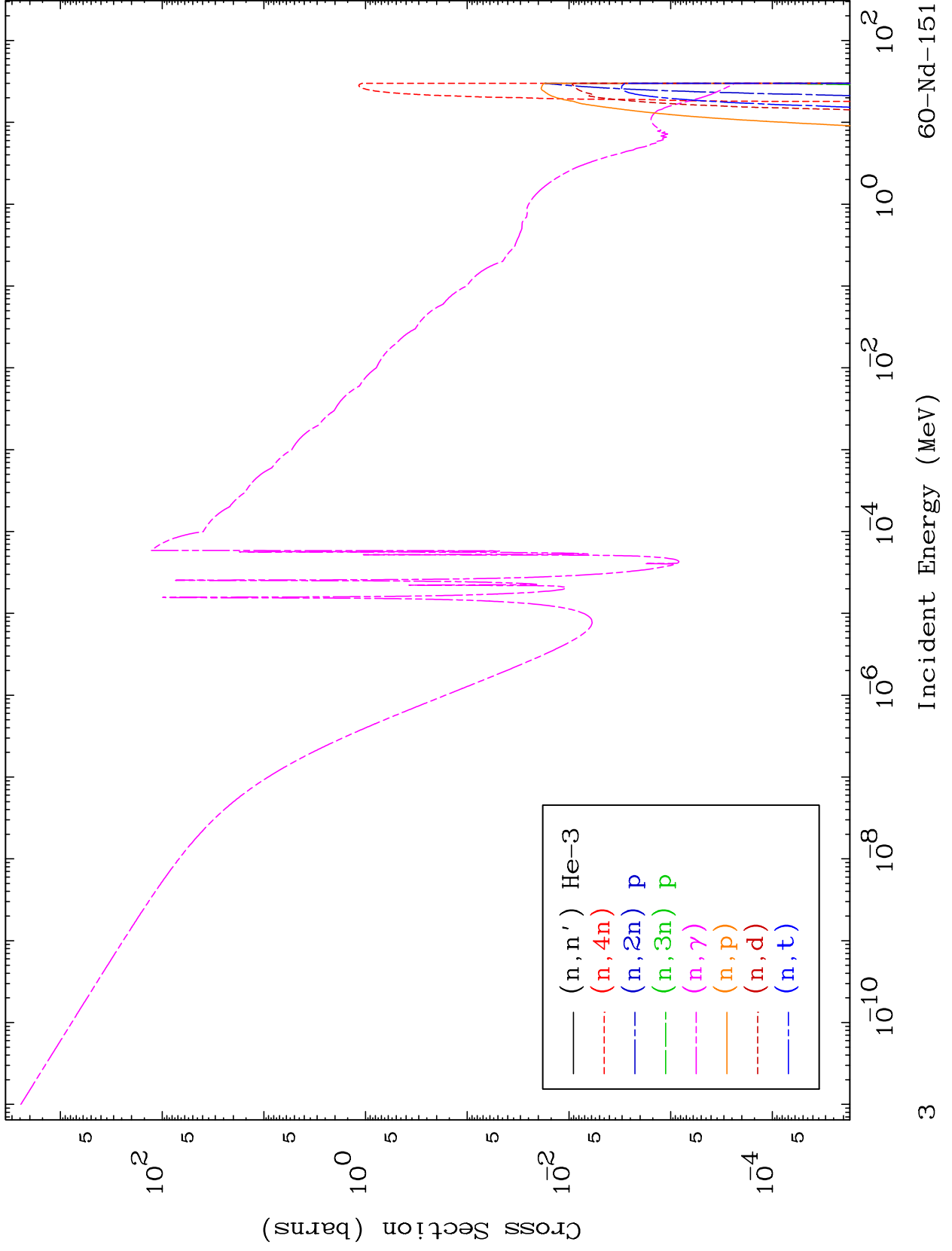




MAT 6052

Neutron Absorption
293 Kelvin Cross Sections

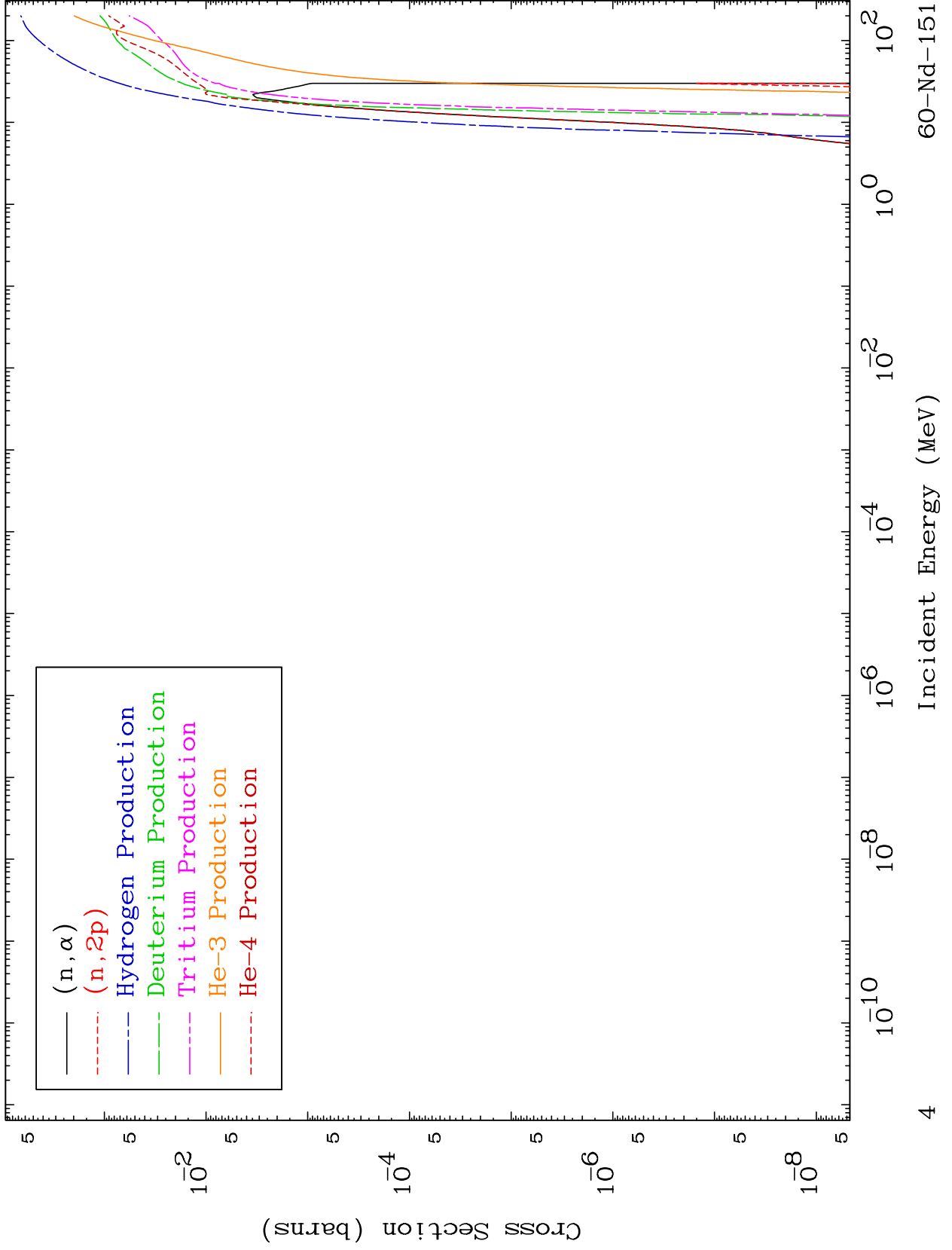
60-Nd-151



MAT 6052

Neutron Absorption
293 Kelvin Cross Sections

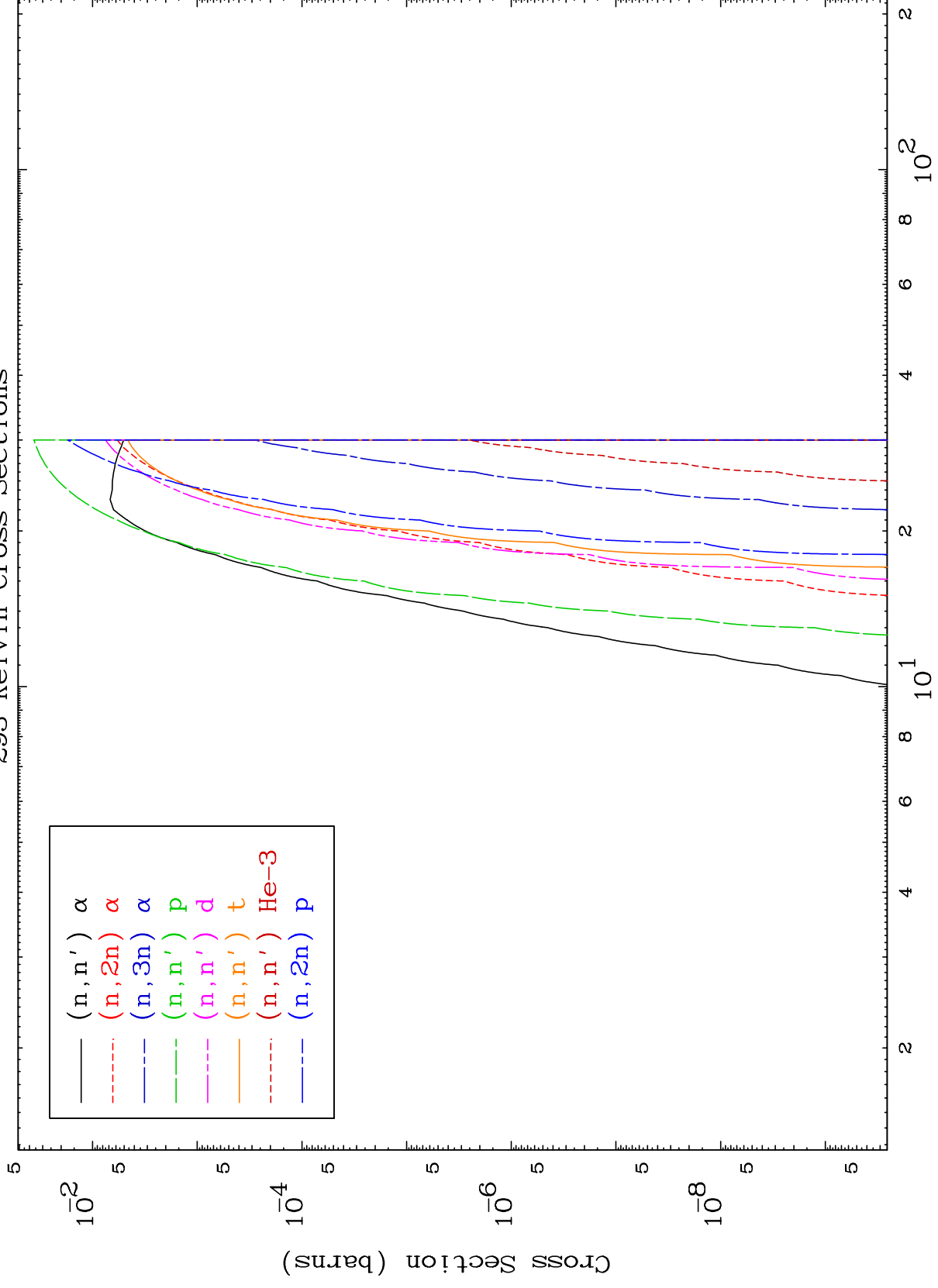
60-Nd-151



MAT 6052

Charged Particle
293 Kelvin Cross Sections

60-Nd-151



5

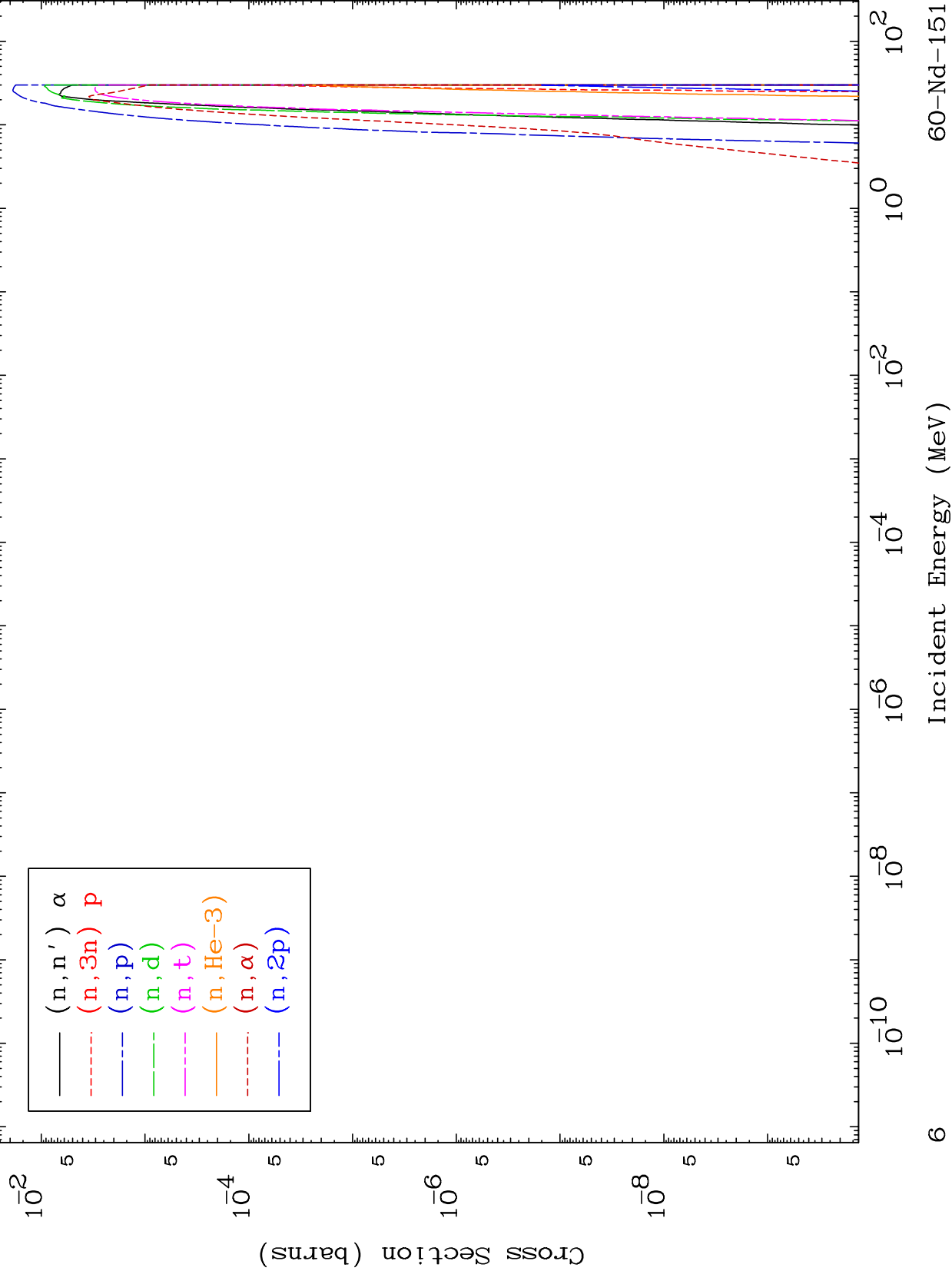
Incident Energy (MeV)

60-Nd-151

MAT 6052

Charged Particle
293 Kelvin Cross Sections

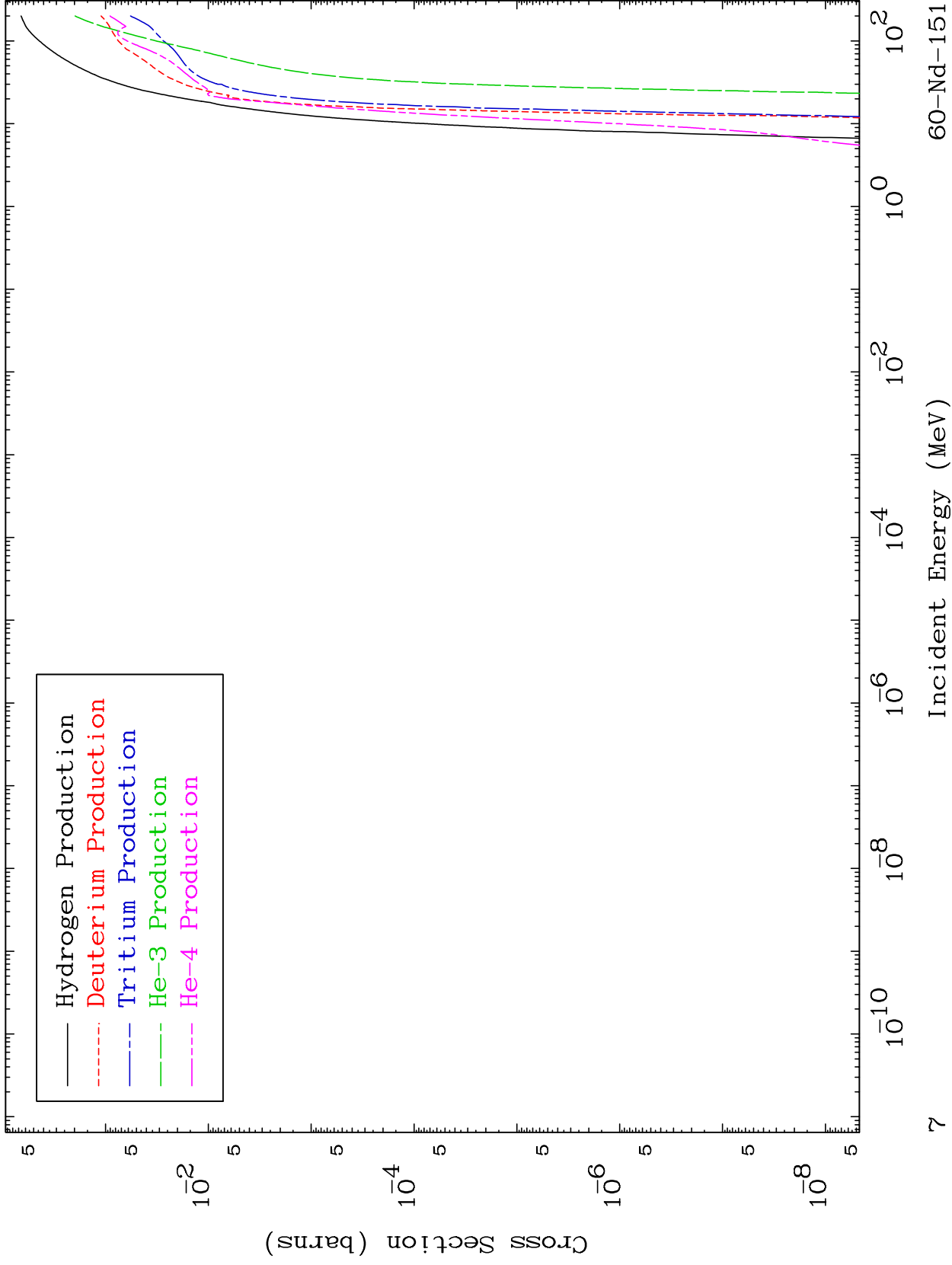
60-Nd-151



MAT 6052

Particle Production
293 Kelvin Cross Sections

60-Nd-151

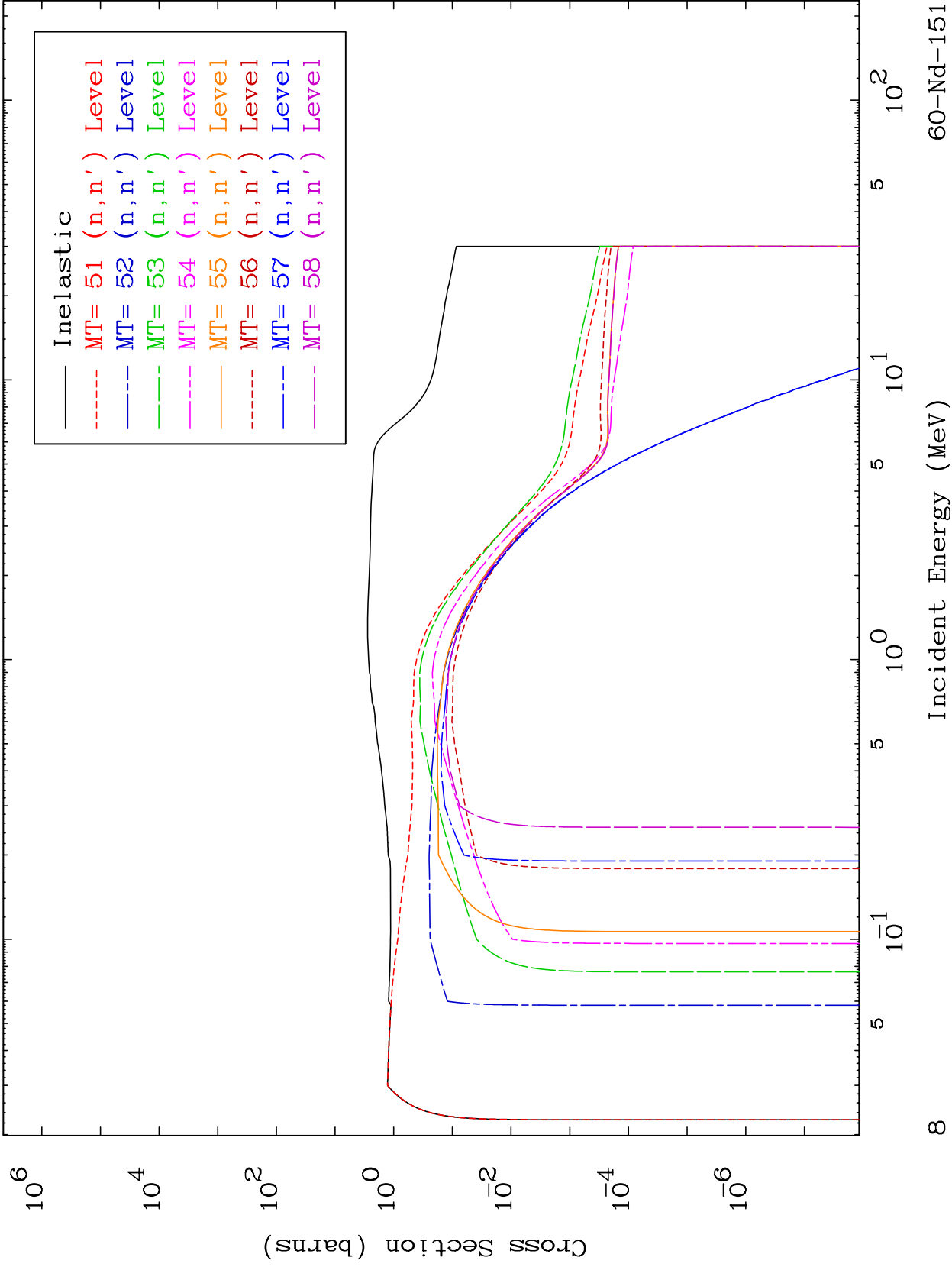


MAT 6052

(n,n') Levels

60-Nd-151

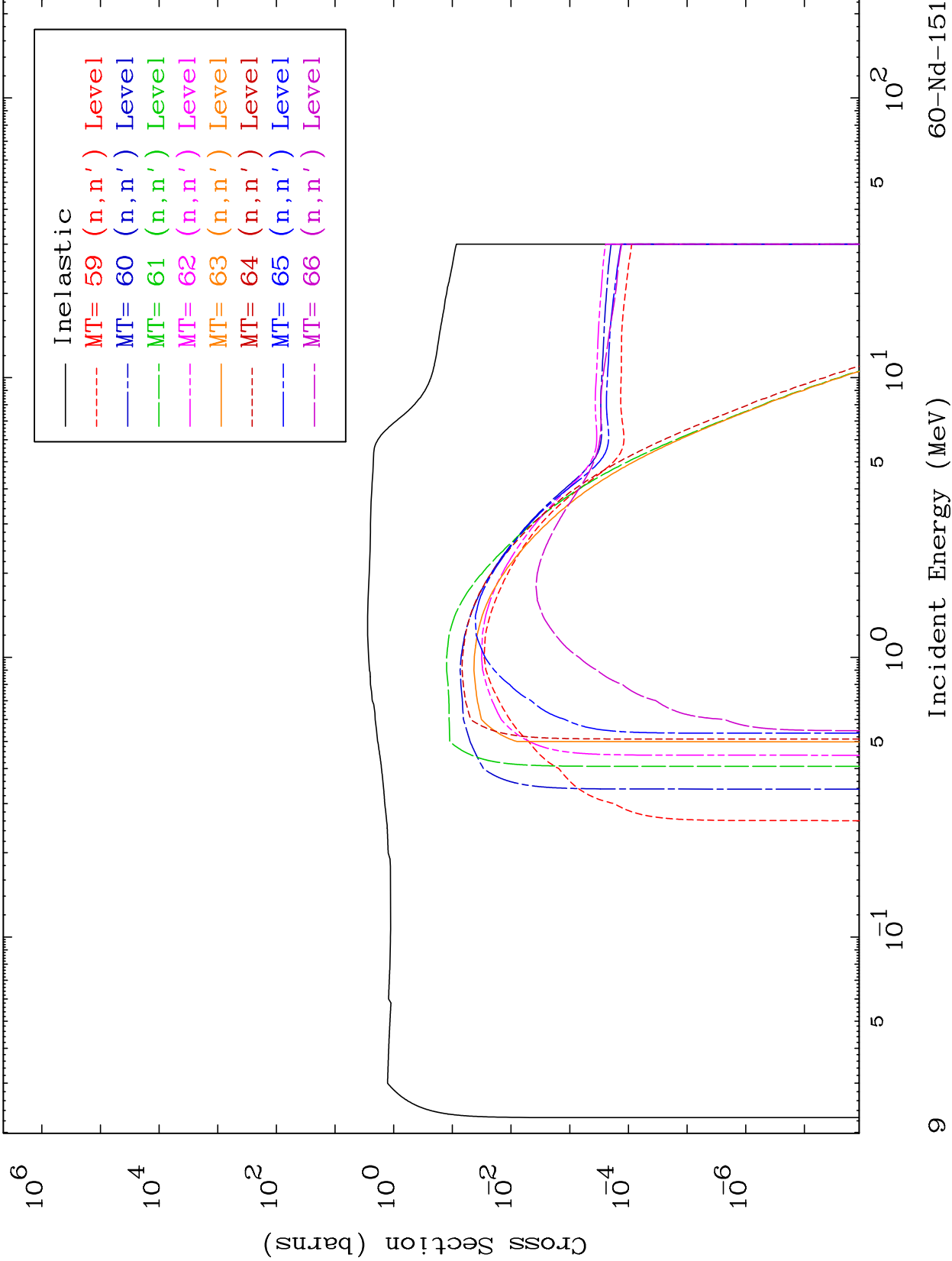
293 Kelvin Cross Sections



MAT 6052

(n,n') Levels
293 Kelvin Cross Sections

60-Nd-151

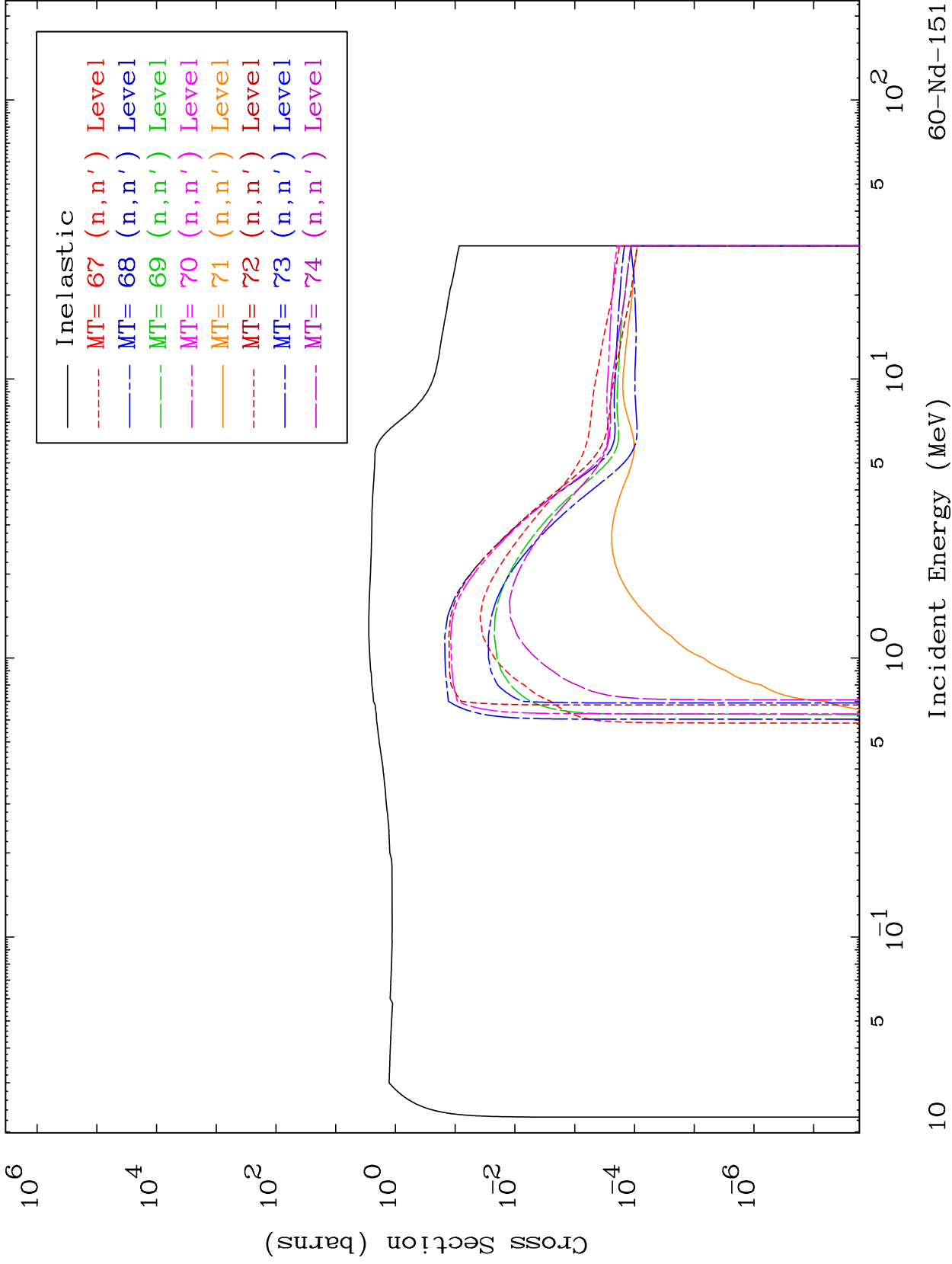


MAT 6052

(n,n') Levels

293 Kelvin Cross Sections

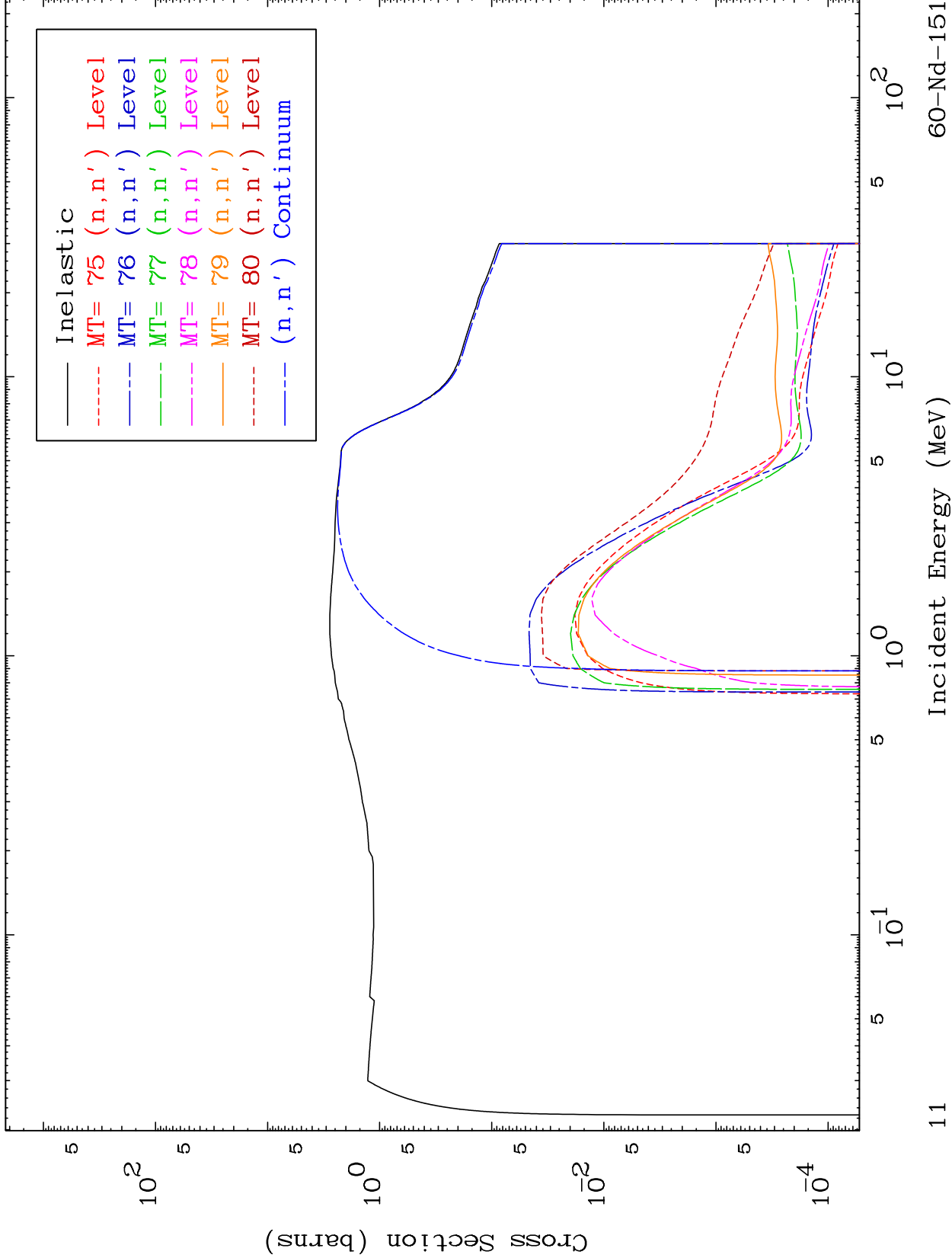
60-Nd-151



60-Nd-151

Incident Energy (MeV)

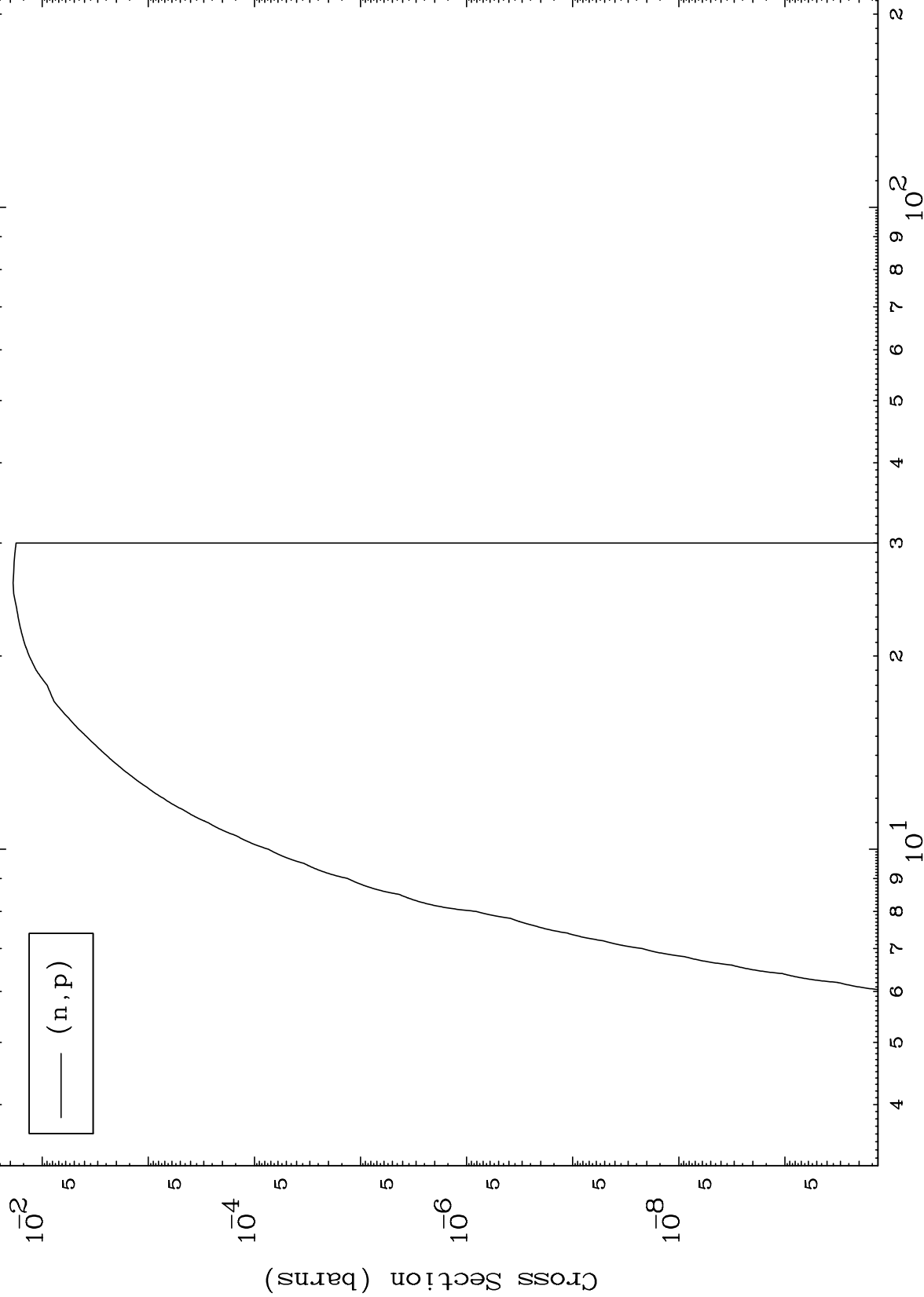
10



MAT 6052

(n,p) Levels
293 Kelvin Cross Sections

60-Nd-151



(n,p)

12

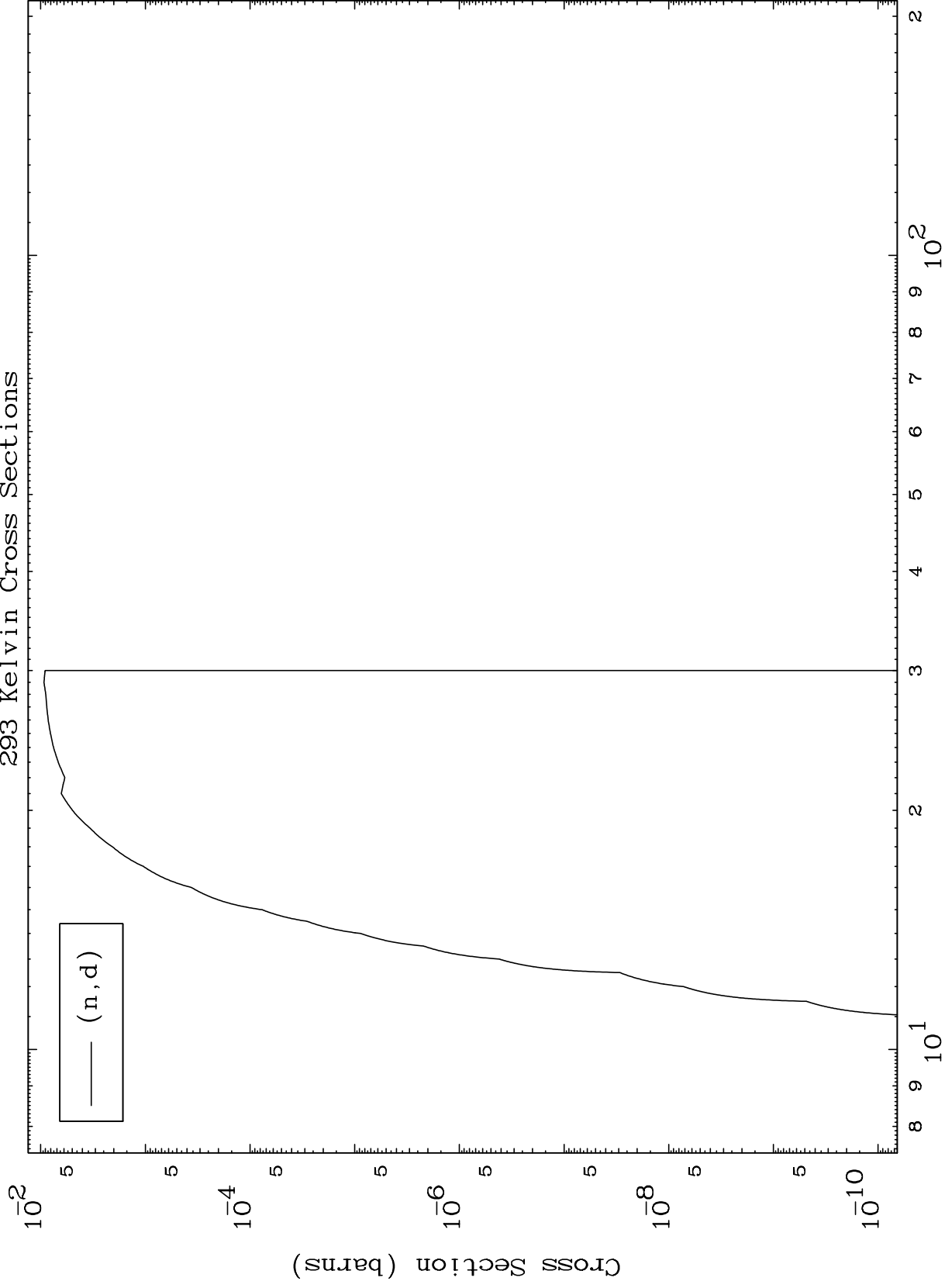
Incident Energy (MeV)

60-Nd-151

MAT 6052

(n,d) Levels
293 Kelvin Cross Sections

60-Nd-151



13

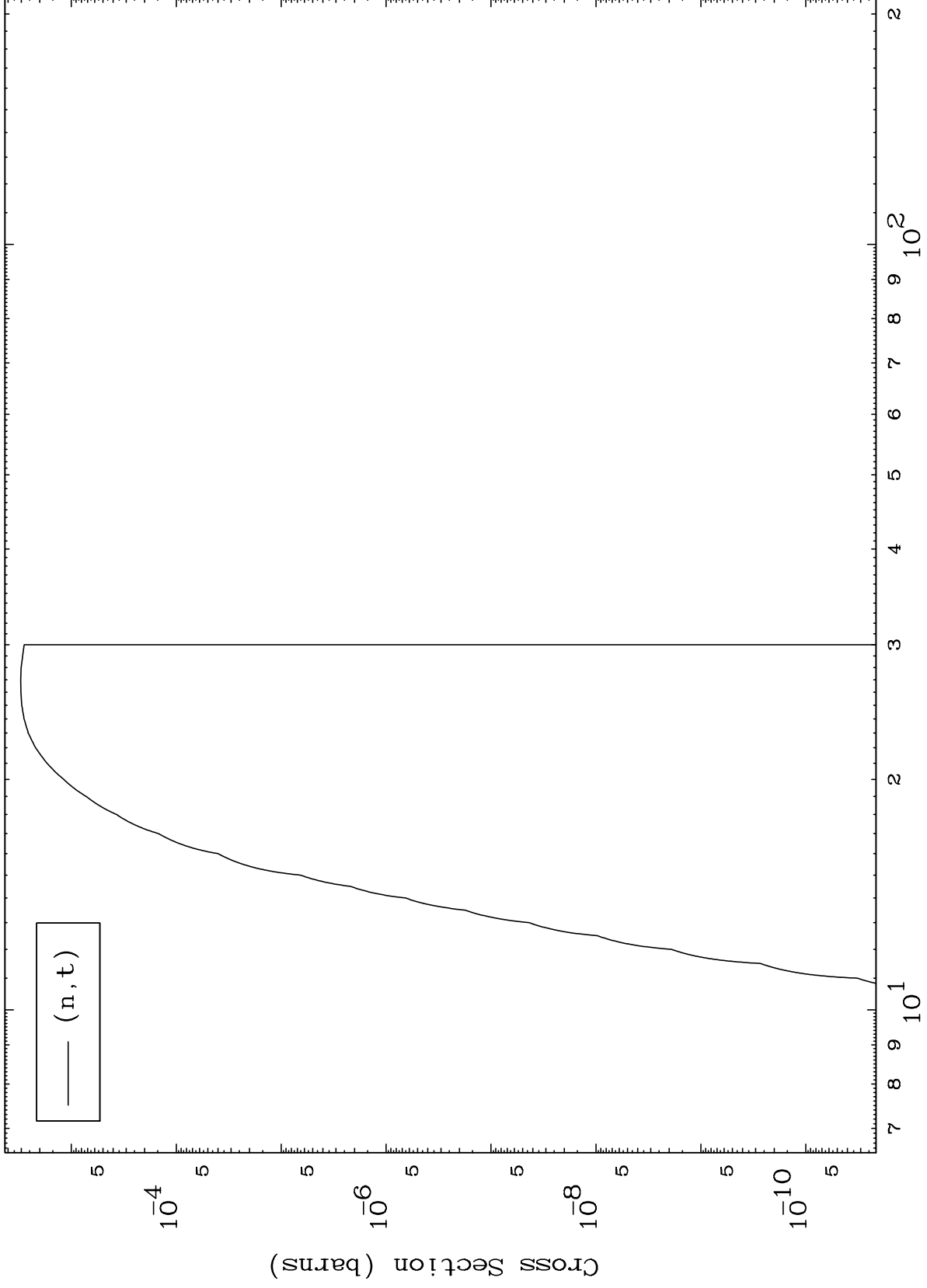
Incident Energy (MeV)

60-Nd-151

MAT 6052

(n,t) Levels
293 Kelvin Cross Sections

60-Nd-151



14

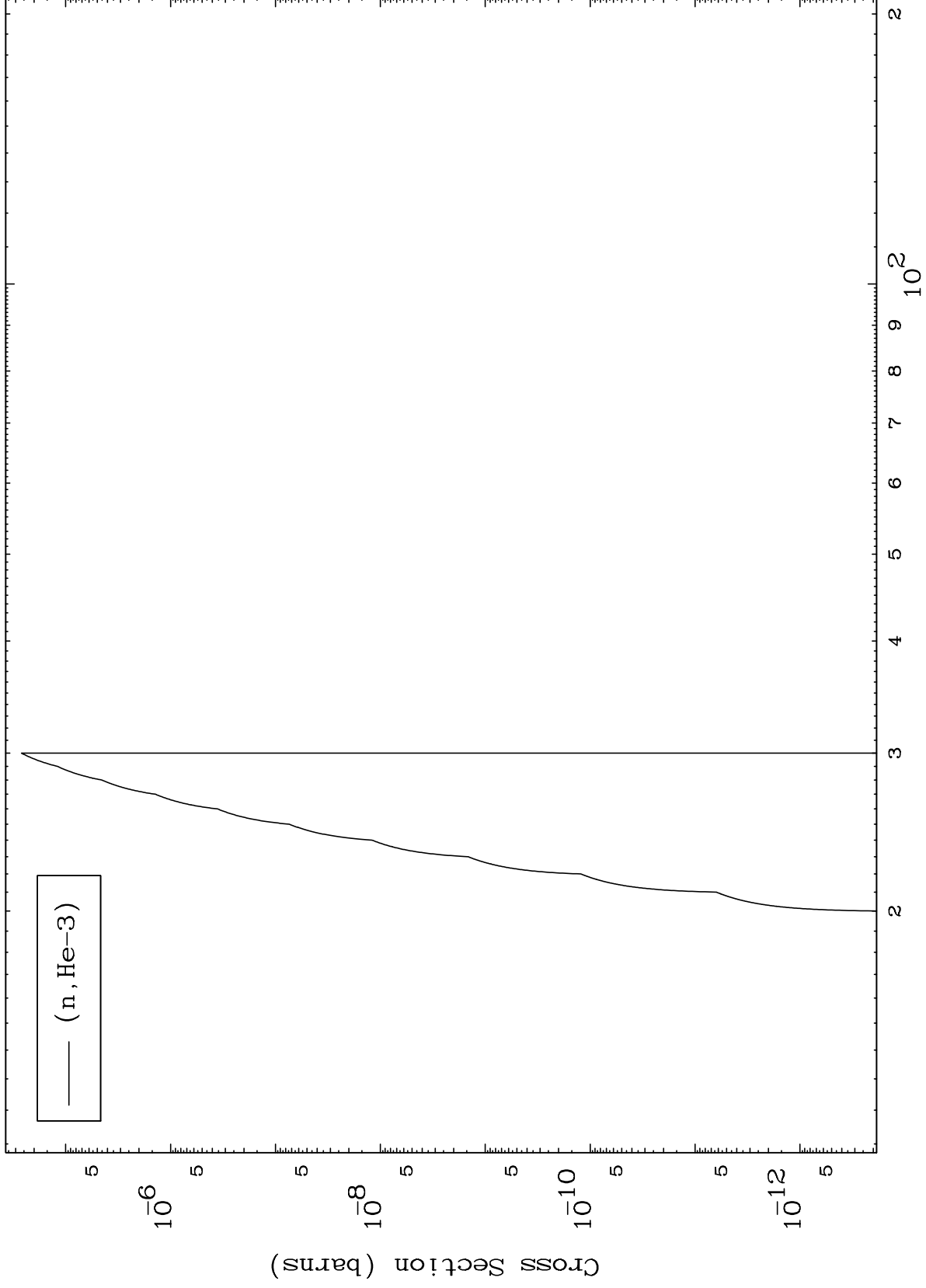
Incident Energy (MeV)

60-Nd-151

MAT 6052

(n,He3) Levels
293 Kelvin Cross Sections

60-Nd-151



15

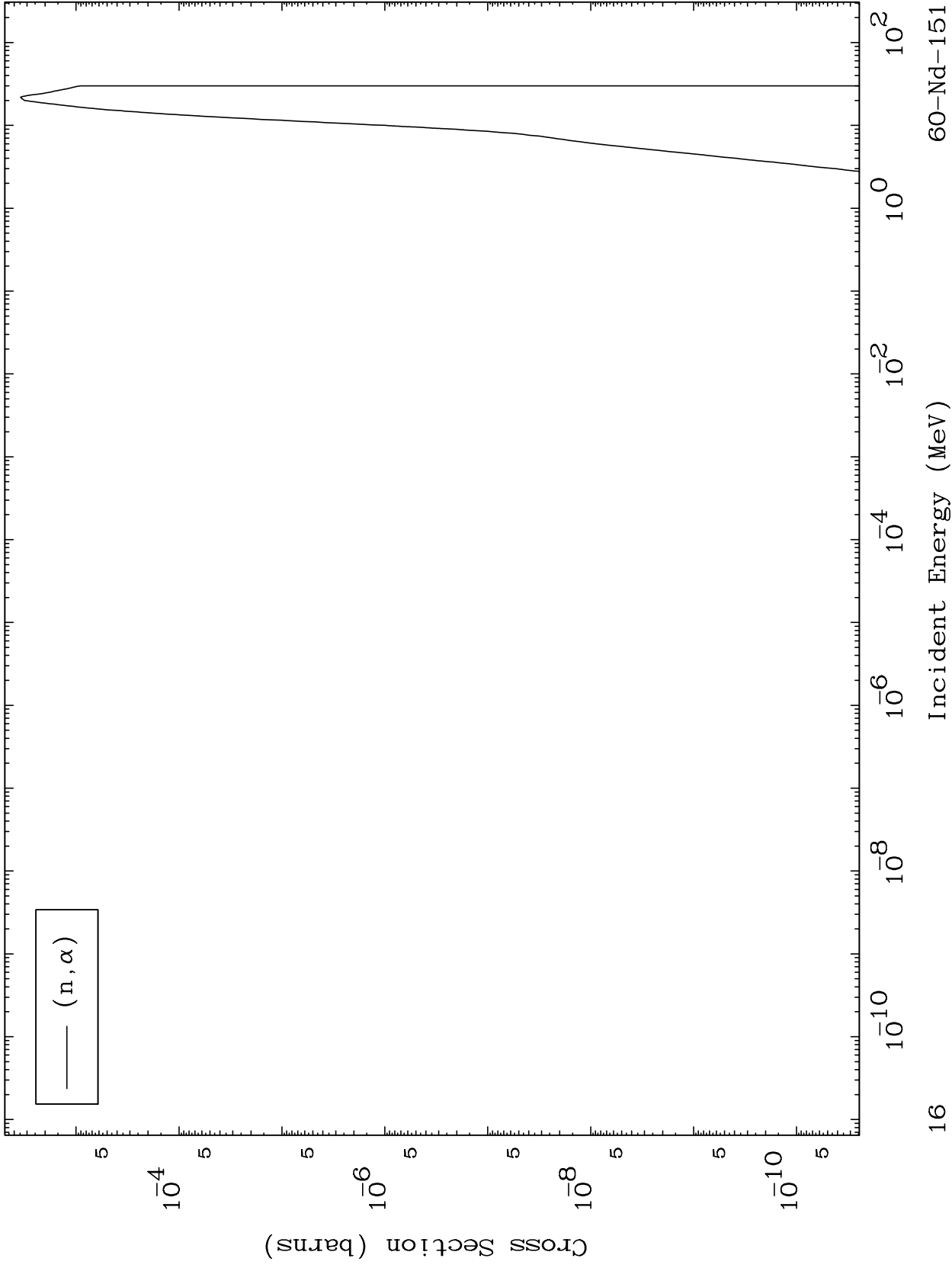
Incident Energy (MeV)

60-Nd-151

MAT 6052

(n, α) Levels
293 Kelvin Cross Sections

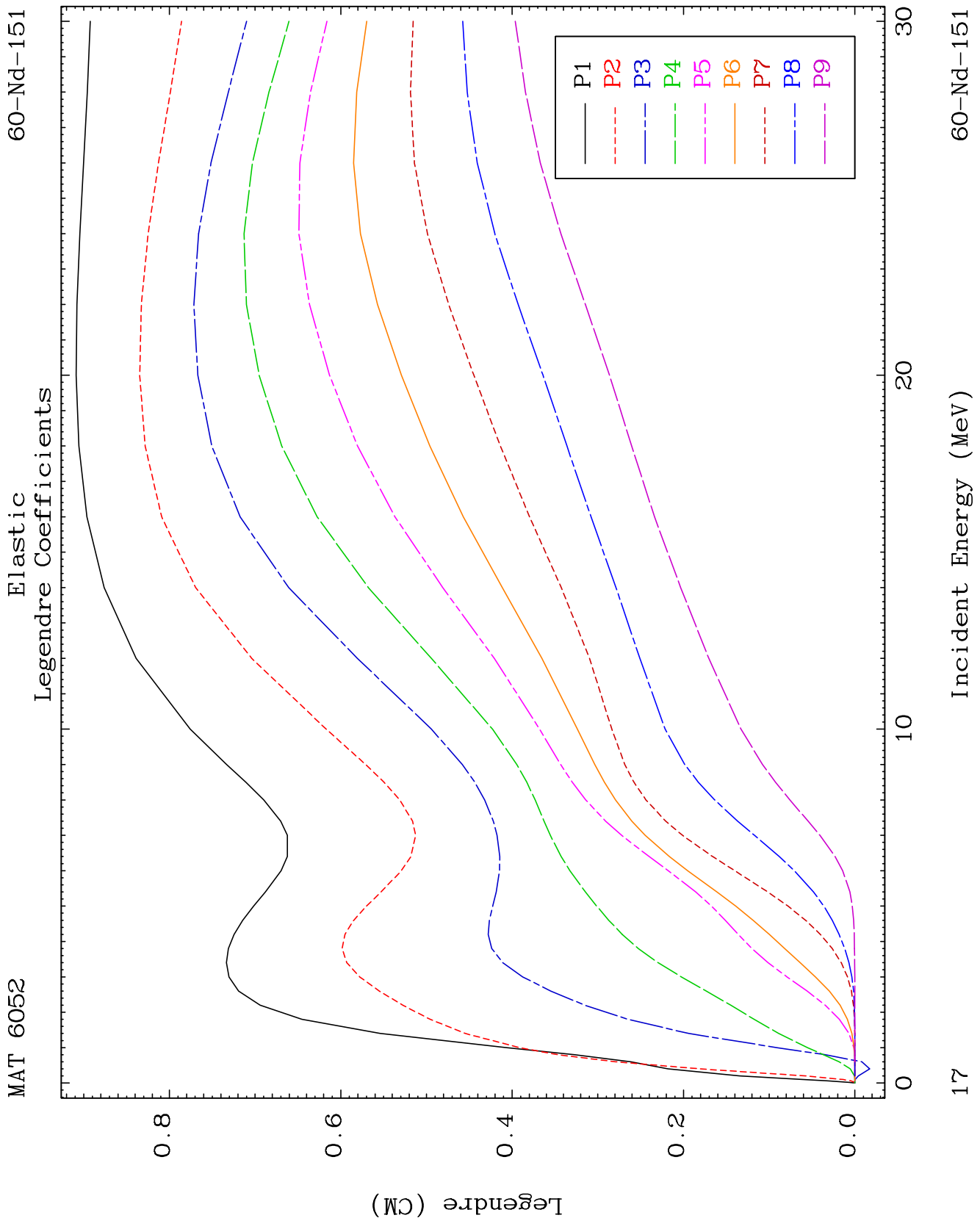
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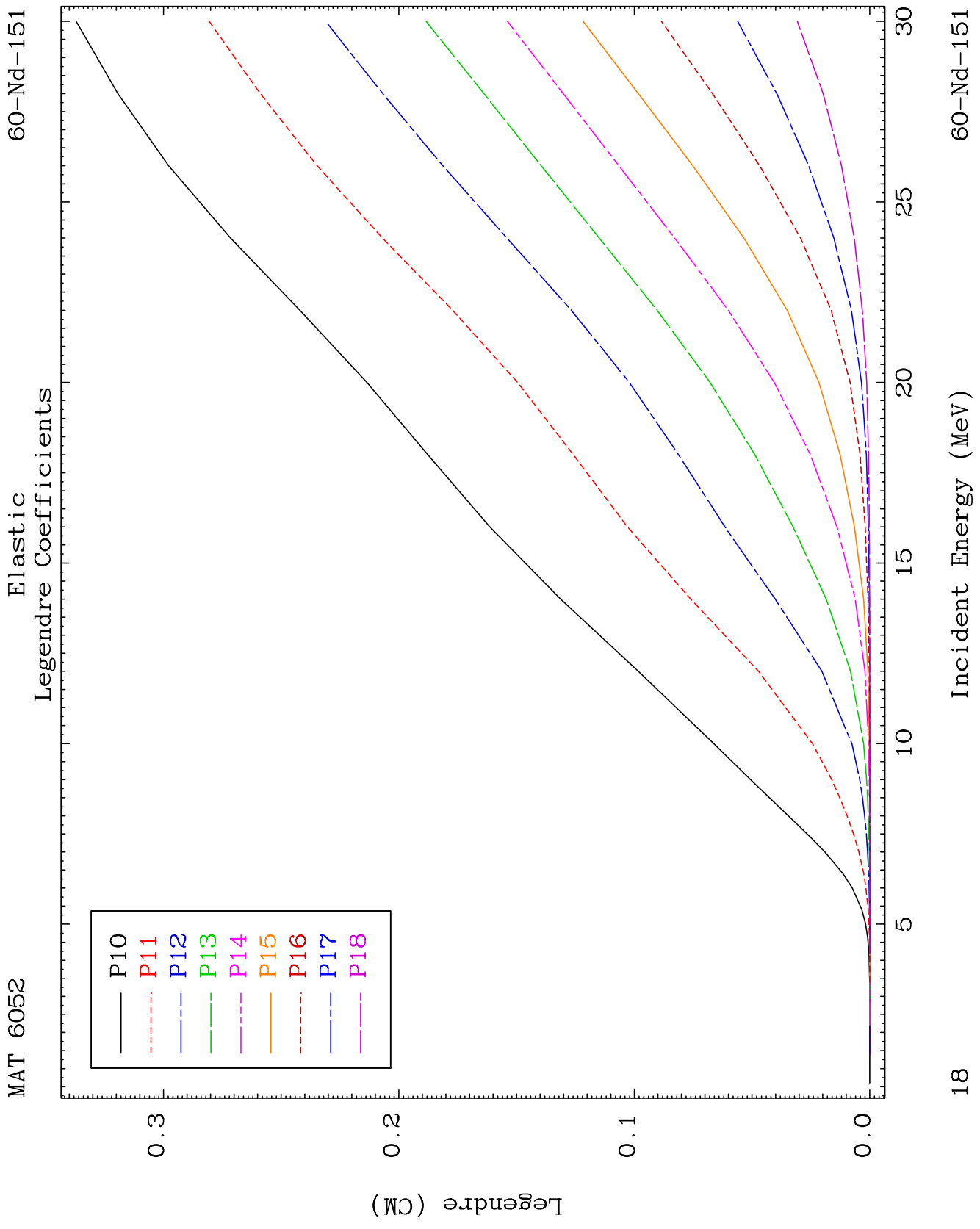


16

Incident Energy (MeV)

60-Nd-151

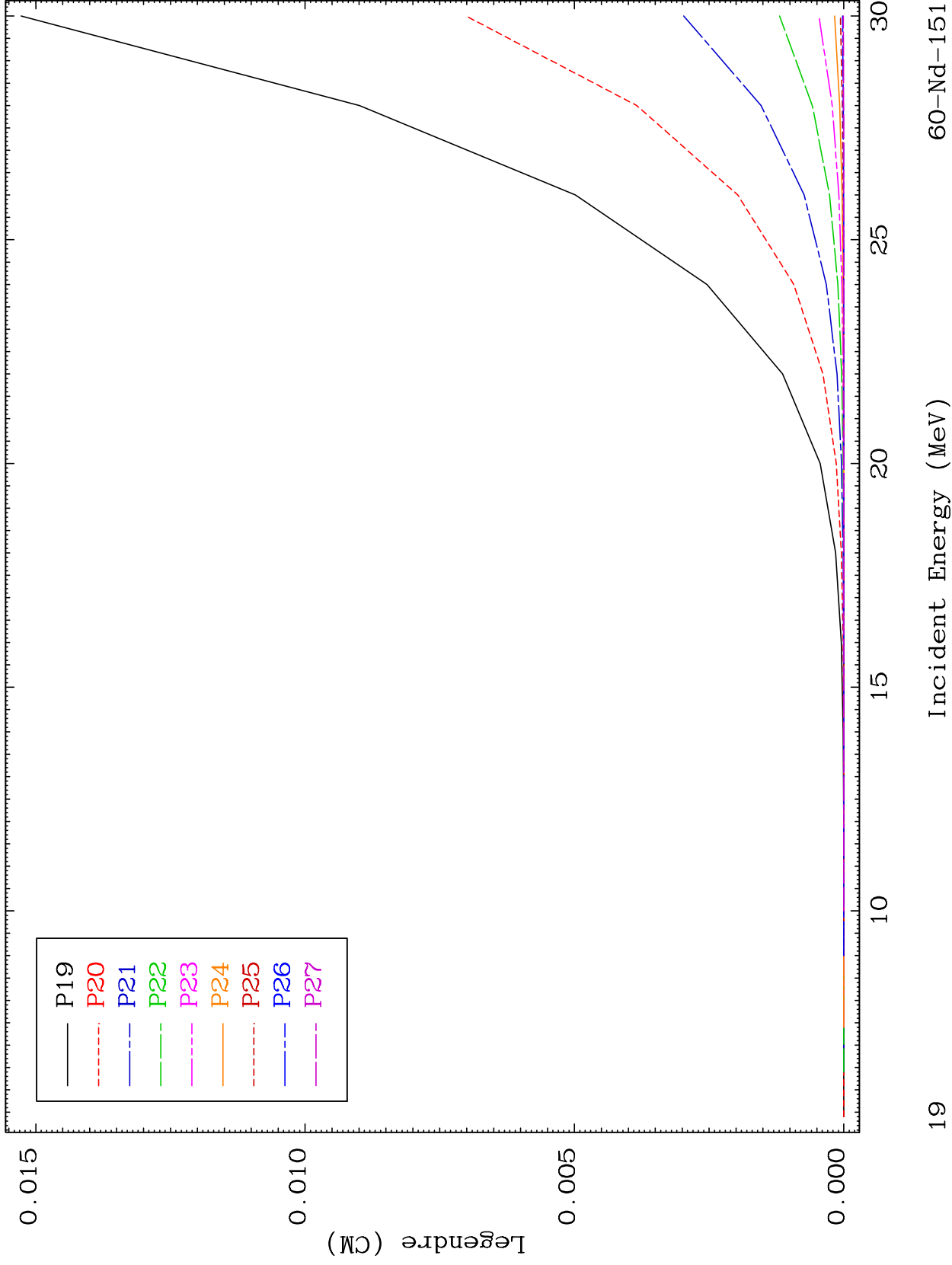




MAT 6052

Elastic
Legendre Coefficients

60-Nd-151



19

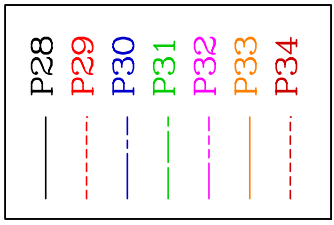
Incident Energy (MeV)

60-Nd-151

MAT 6052

Elastic Legendre Coefficients

60-Nd-151



$\times 10^{-6}$

2.0

1.5

1.0

0.5

0.0

Legendre (CM)

15

20

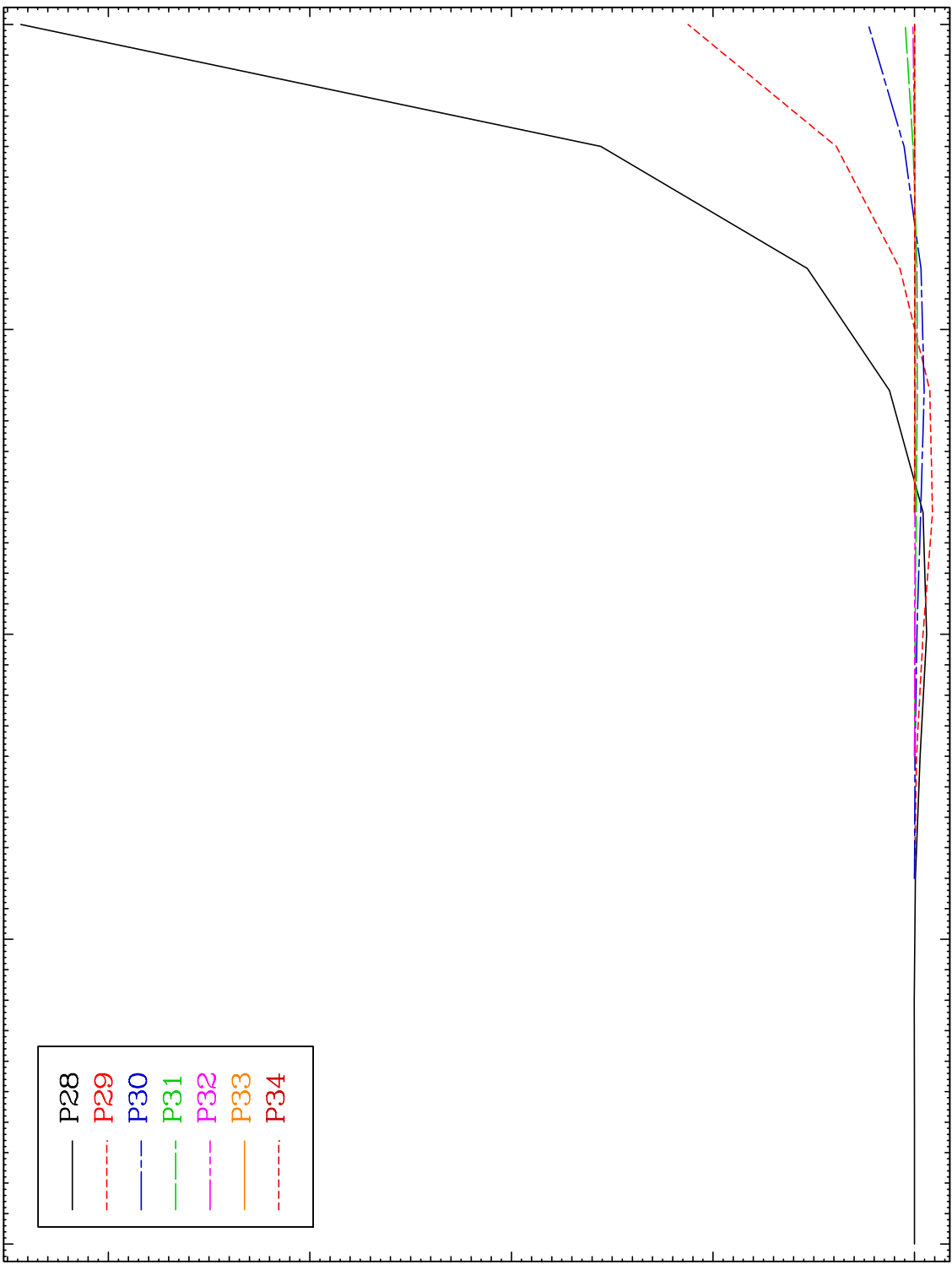
25

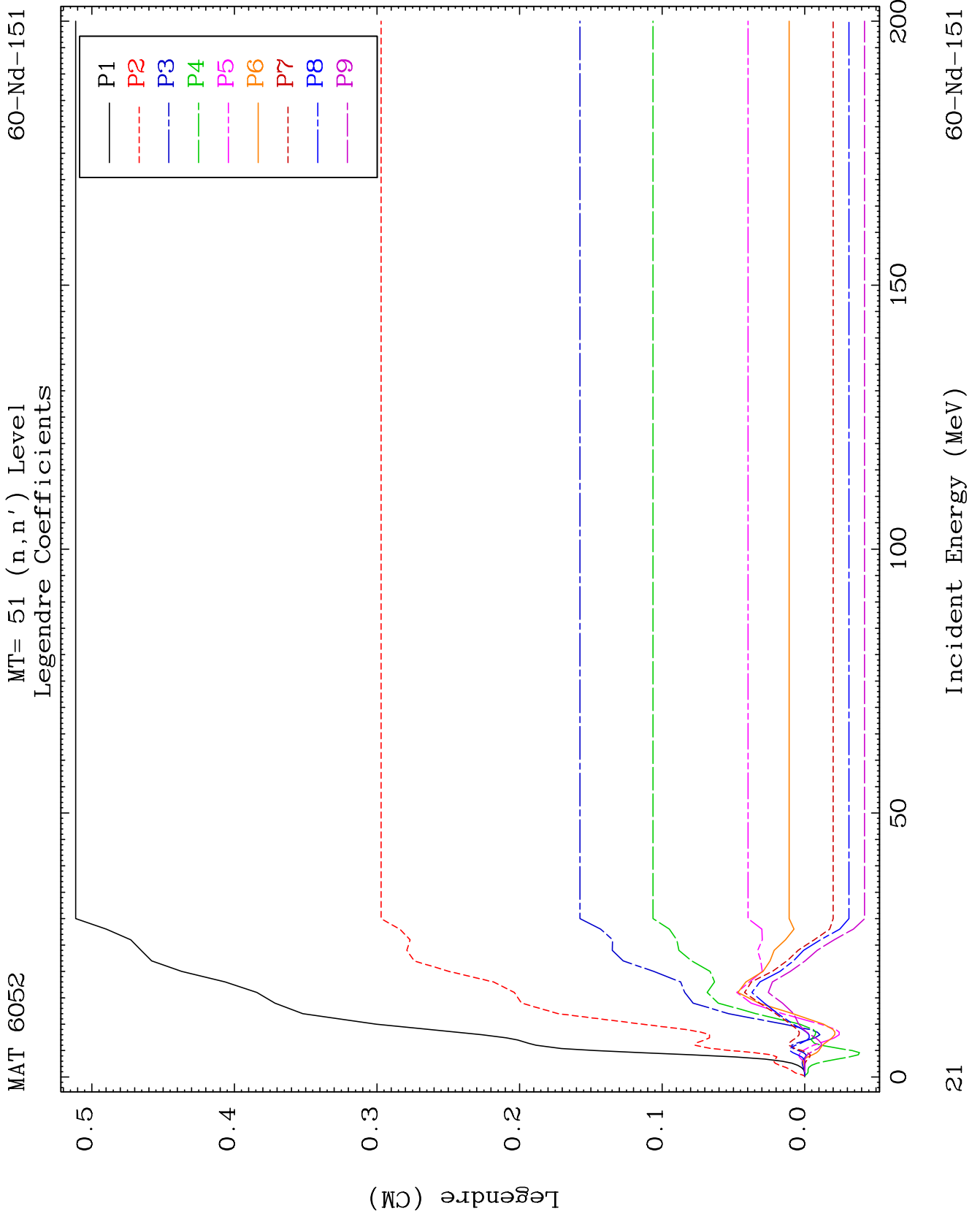
30

20

Incident Energy (MeV)

60-Nd-151

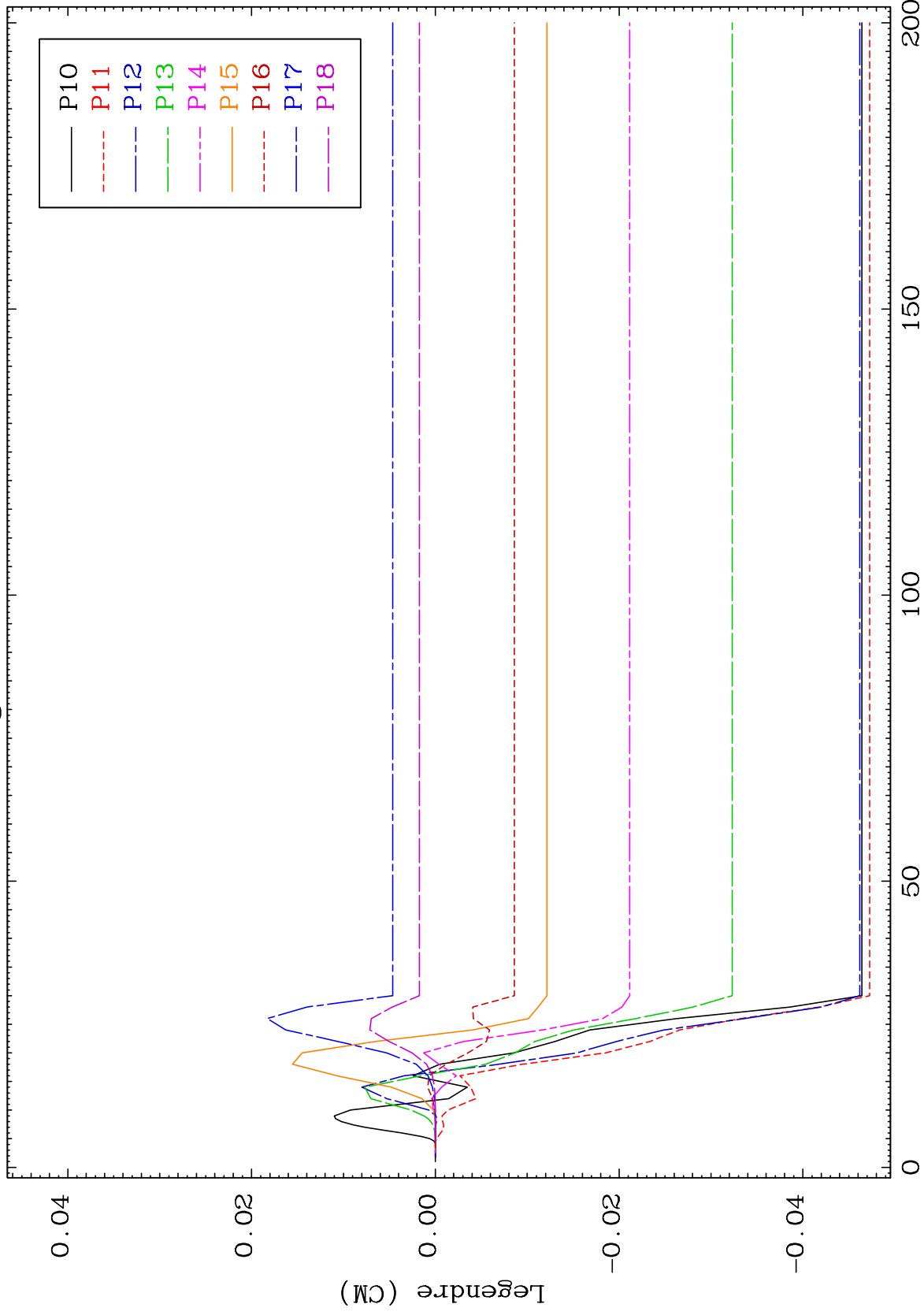




MAT 6052

MT= 51 (n,n') Level
Legendre Coefficients

60-Nd-151



22

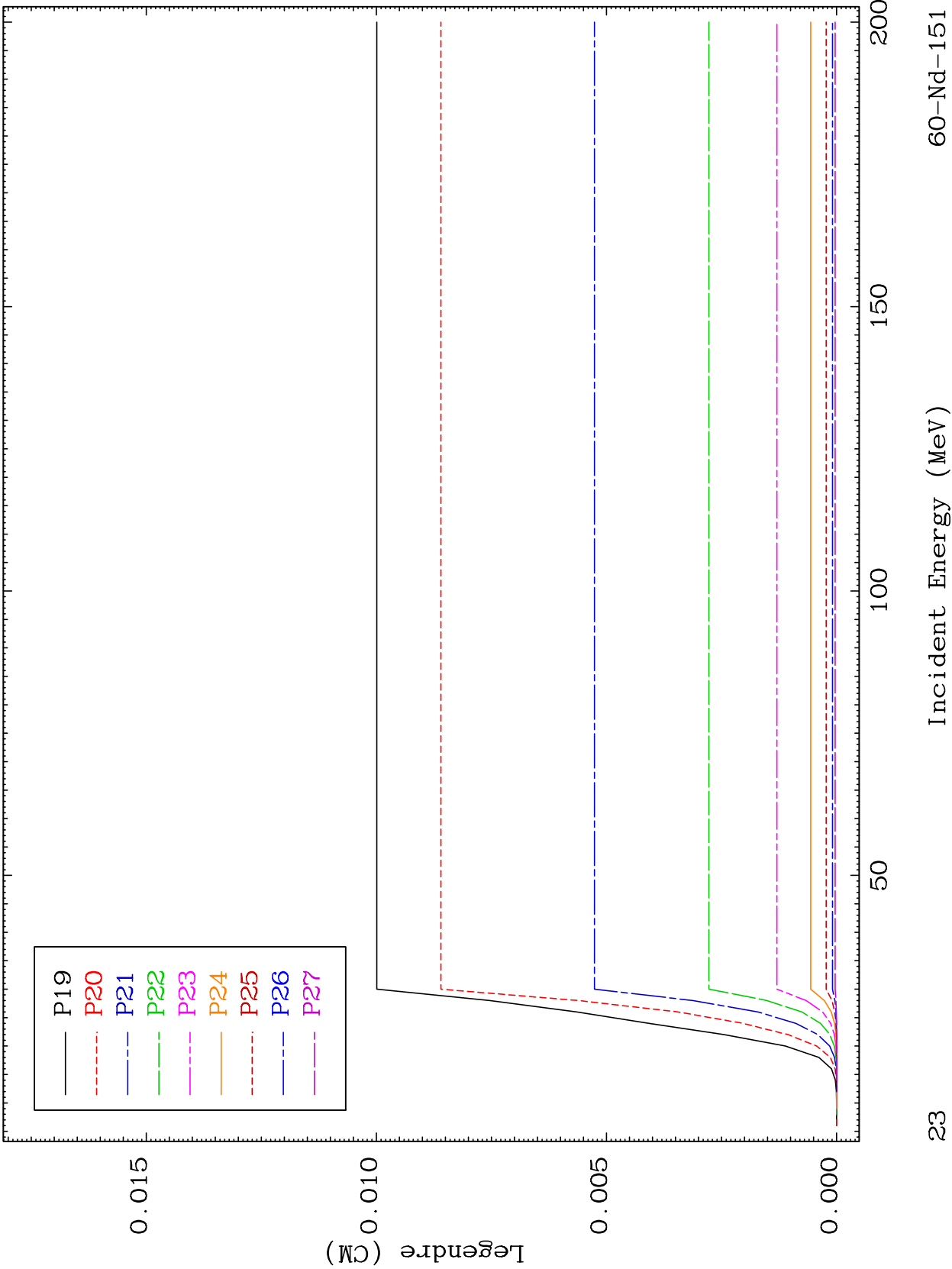
Incident Energy (MeV)

60-Nd-151

MAT 6052

MT= 51 (n,n') Level
Legendre Coefficients

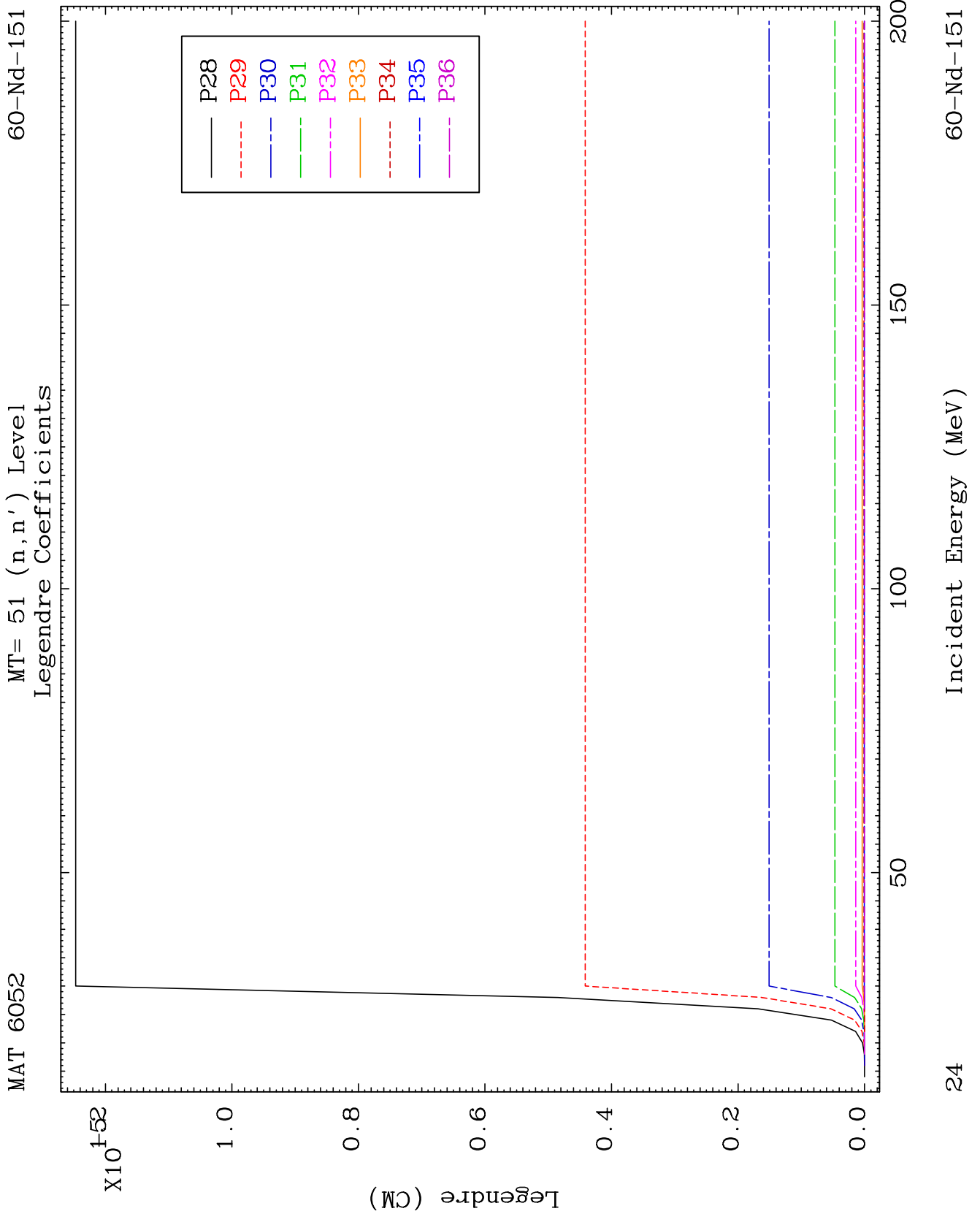
60-Nd-151



23

Incident Energy (MeV)

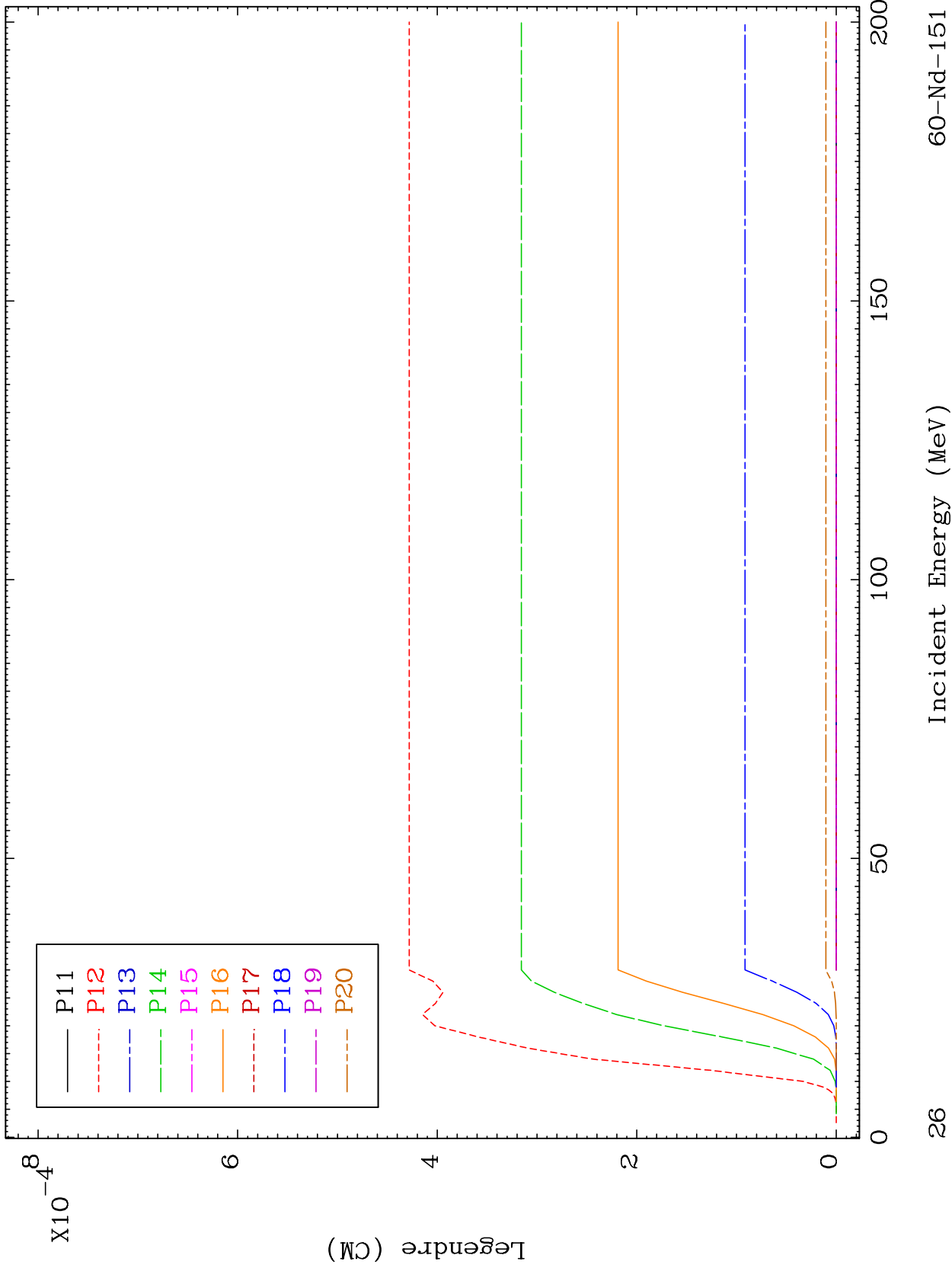
60-Nd-151

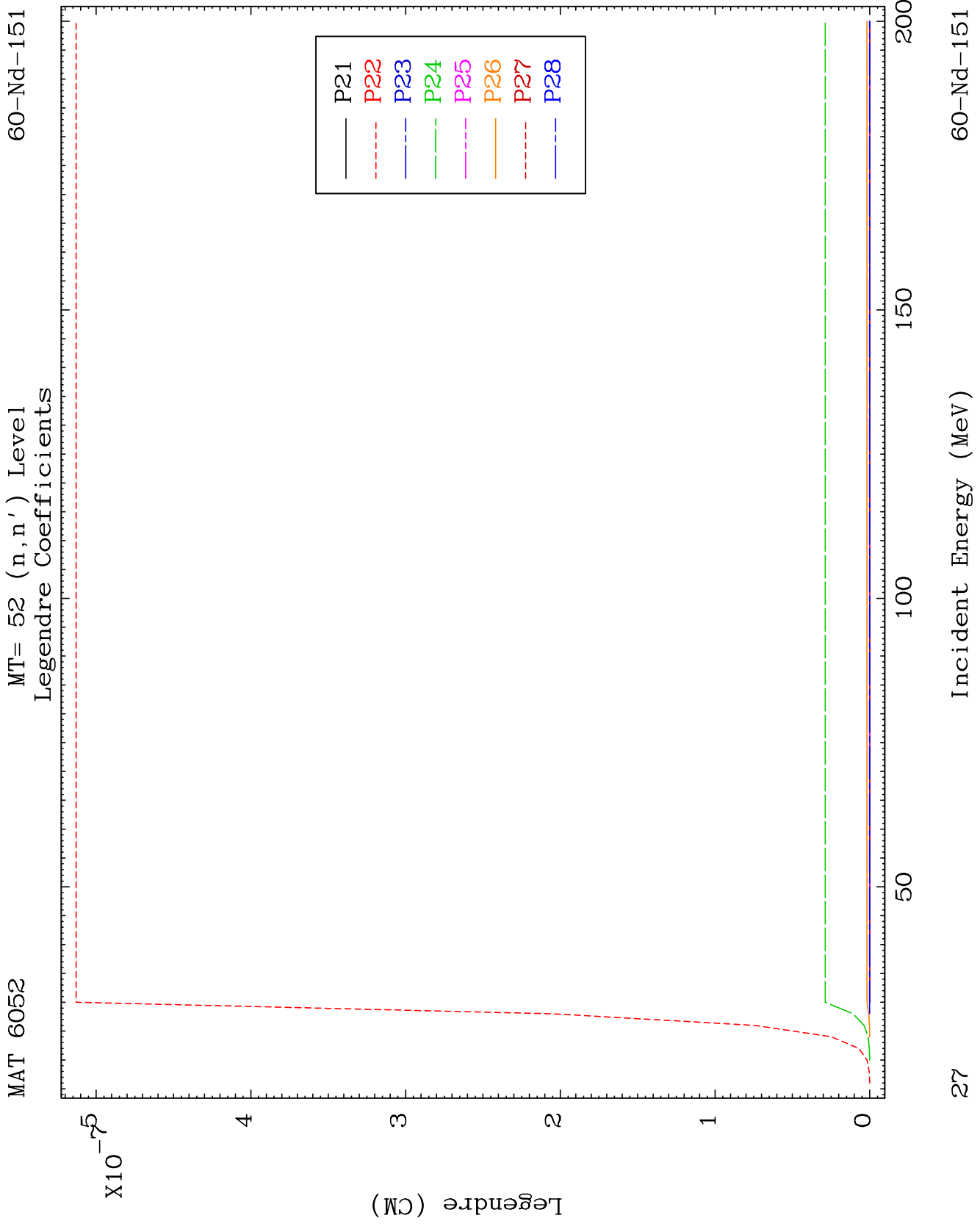


MAT 6052

MT= 52 (n,n') Level
Legendre Coefficients

60-Nd-151

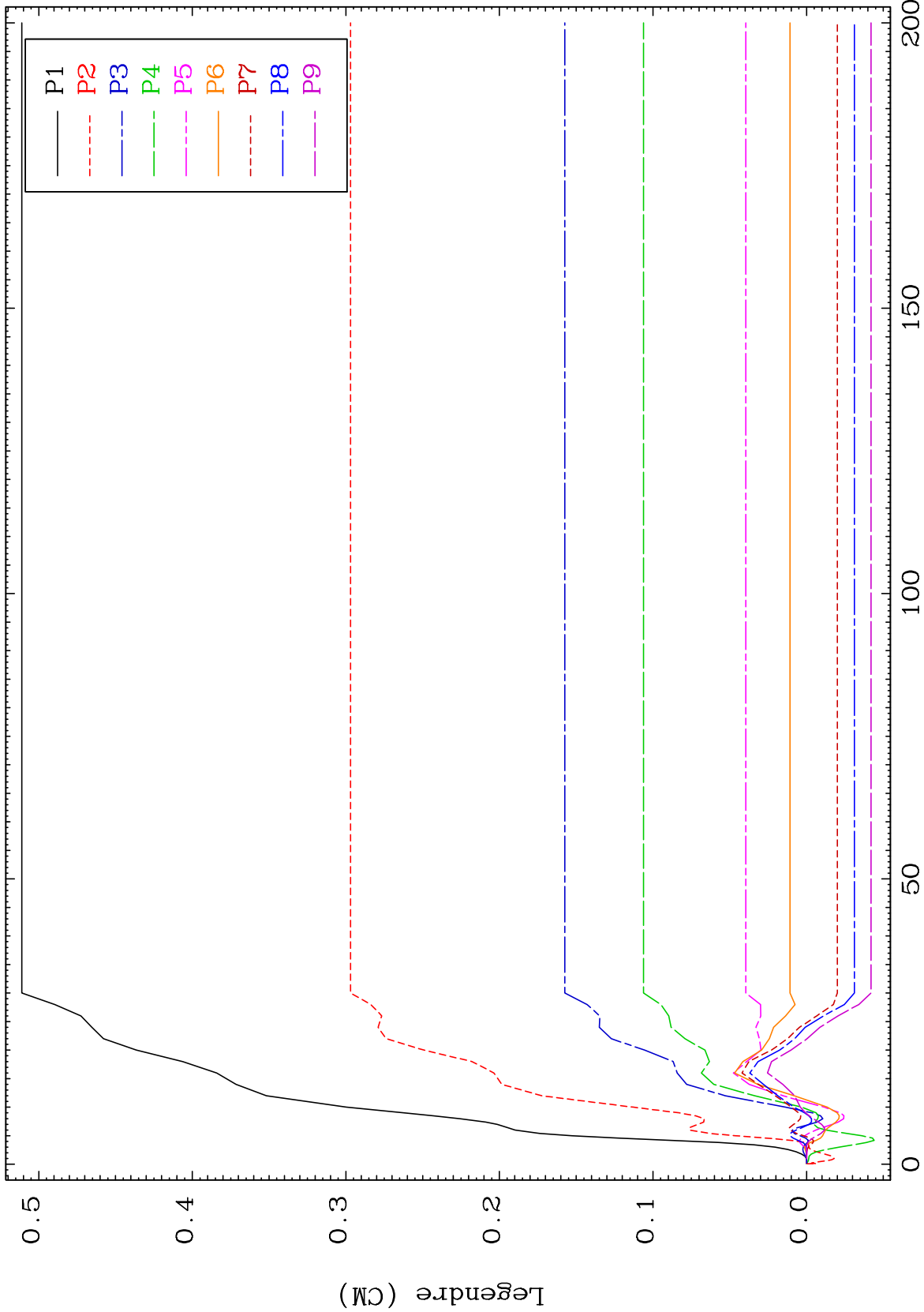




MAT 6052

MT= 53 (n,n') Level
Legendre Coefficients

60-Nd-151



28

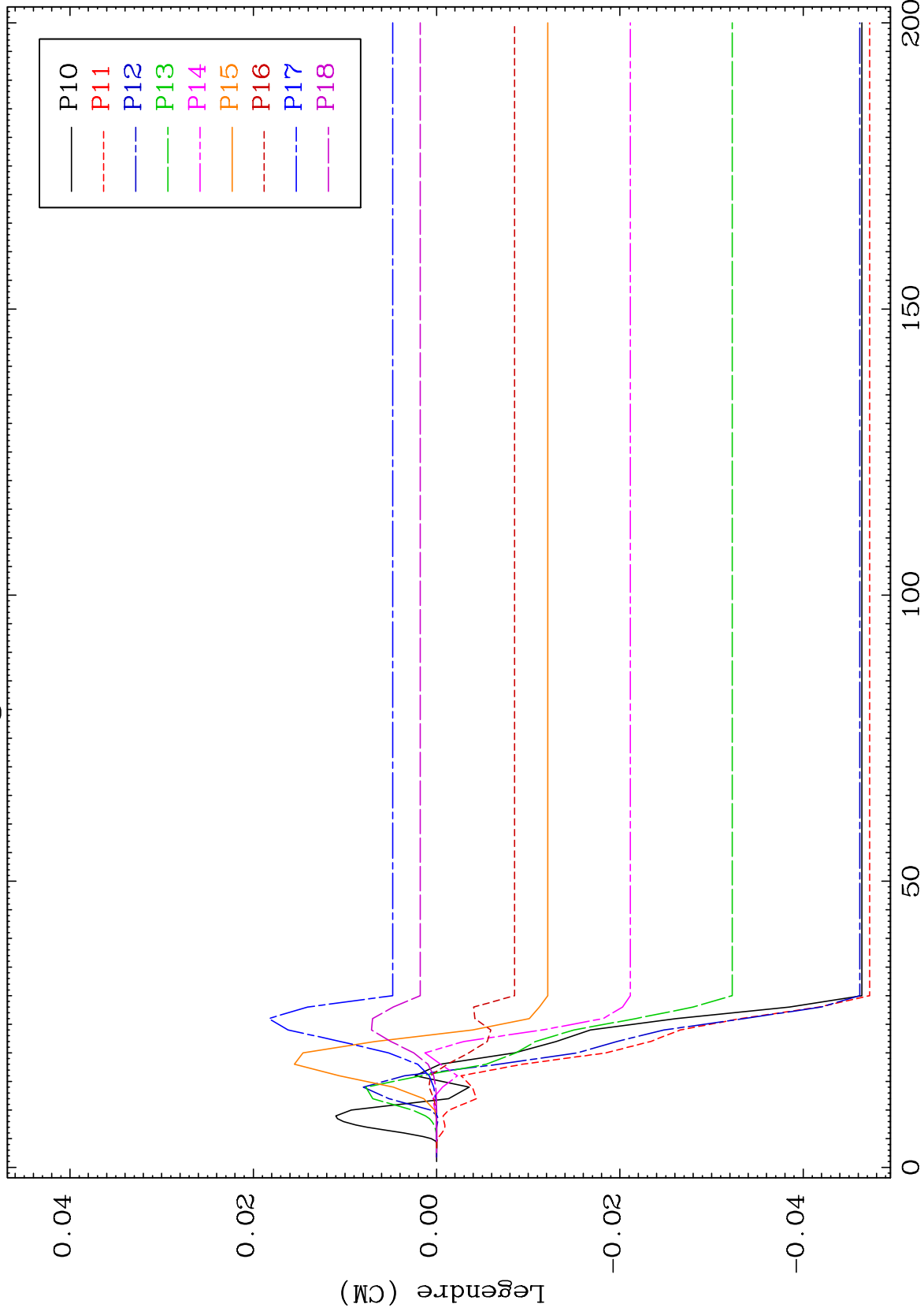
Incident Energy (MeV)

60-Nd-151

MAT 6052

MT= 53 (n,n') Level
Legendre Coefficients

60-Nd-151



29

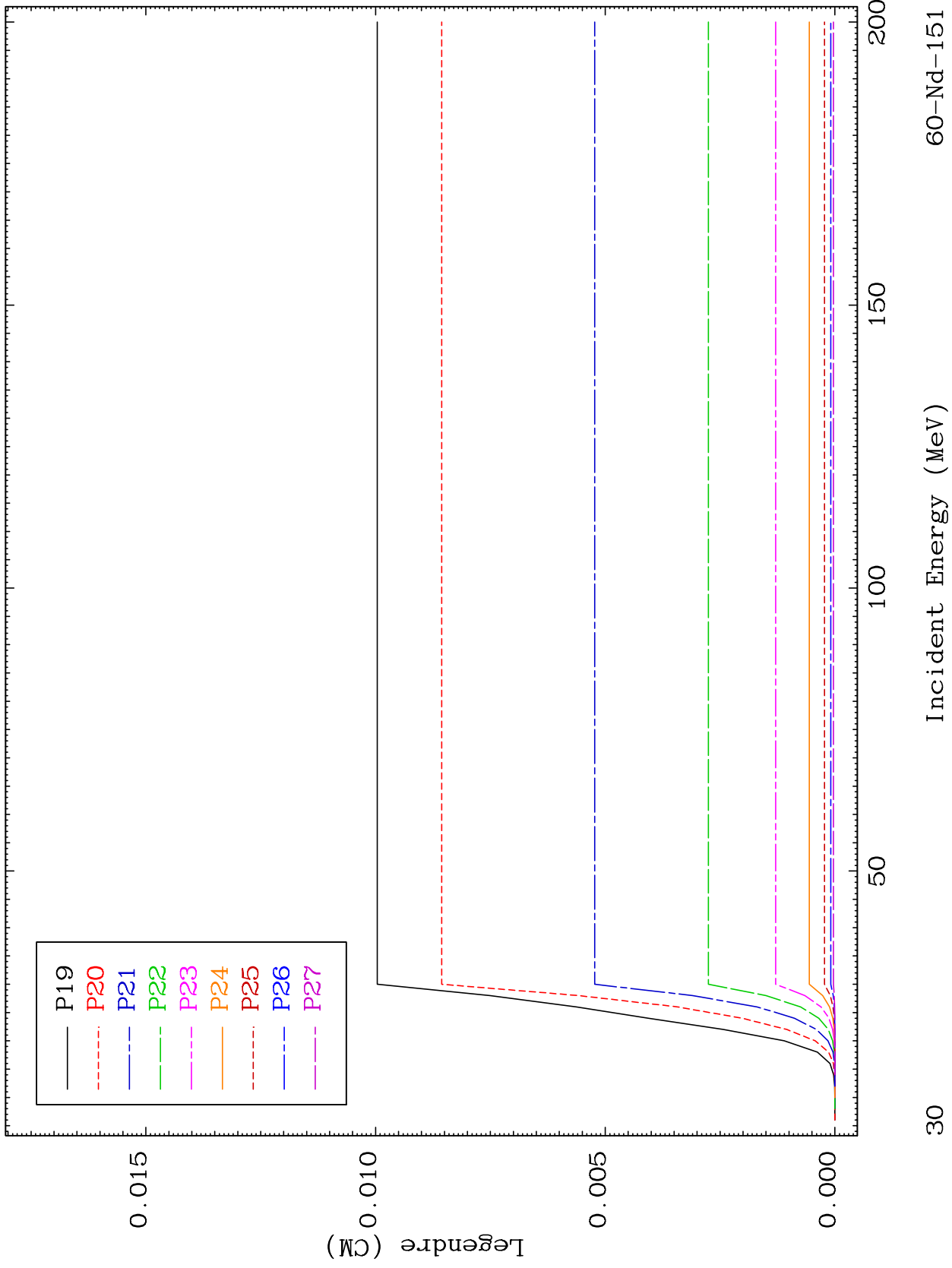
Incident Energy (MeV)

60-Nd-151

MAT 6052

MT= 53 (n,n') Level
Legendre Coefficients

60-Nd-151



60-Nd-151

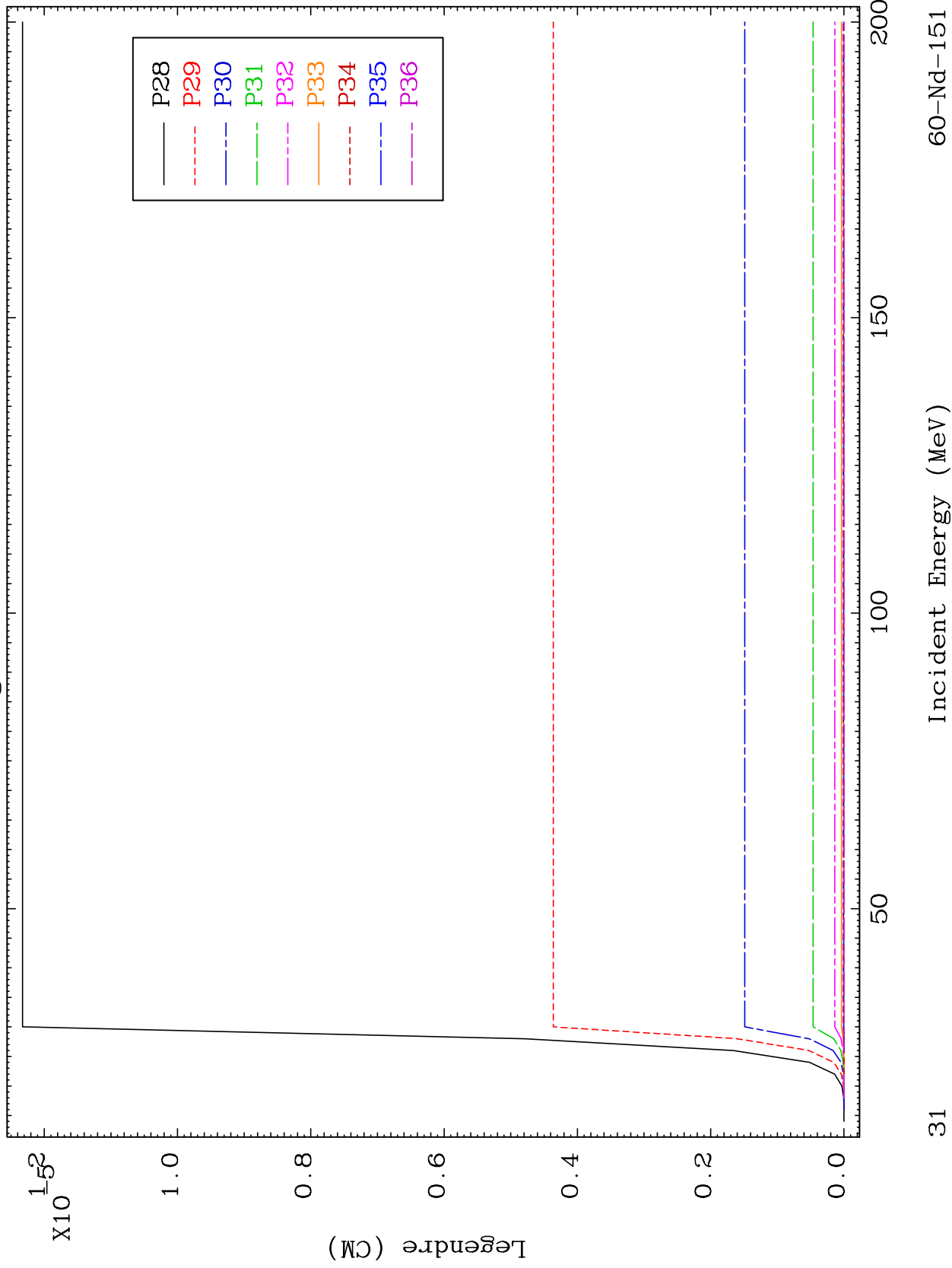
Incident Energy (MeV)

30

MAT 6052

MT= 53 (n,n') Level
Legendre Coefficients

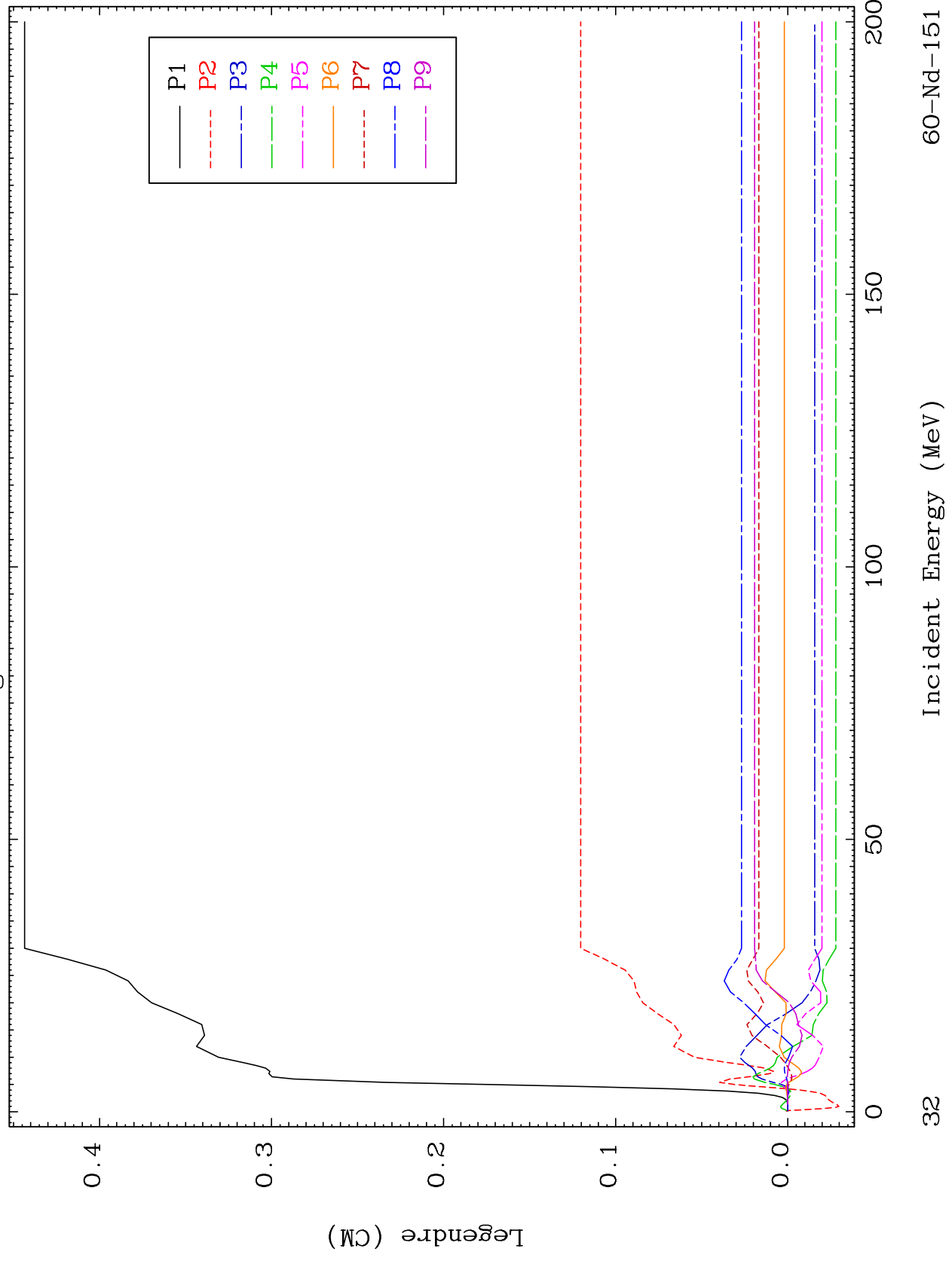
60-Nd-151



MAT 6052

MT= 54 (n,n') Level
Legendre Coefficients

60-Nd-151



60-Nd-151

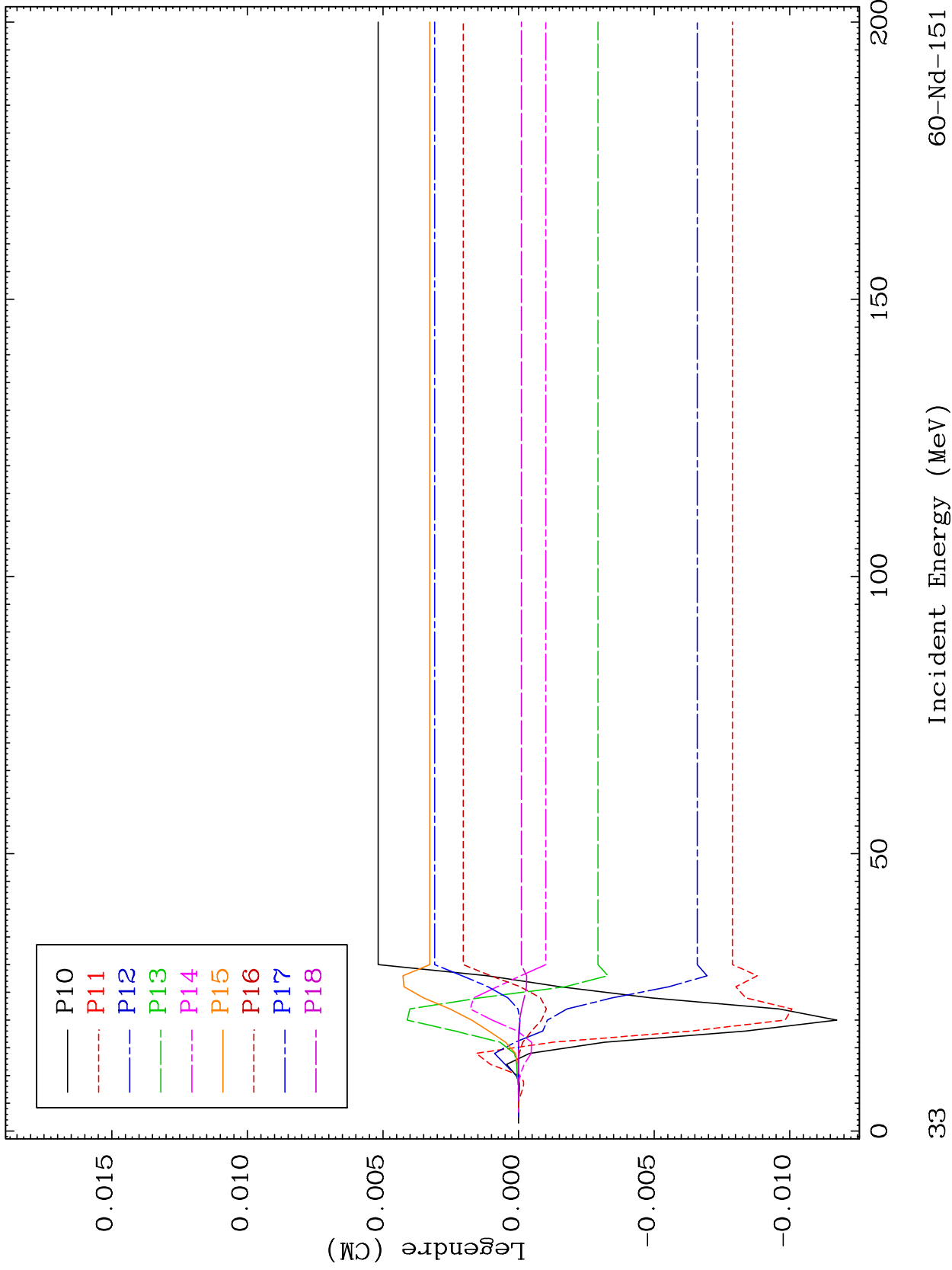
Incident Energy (MeV)

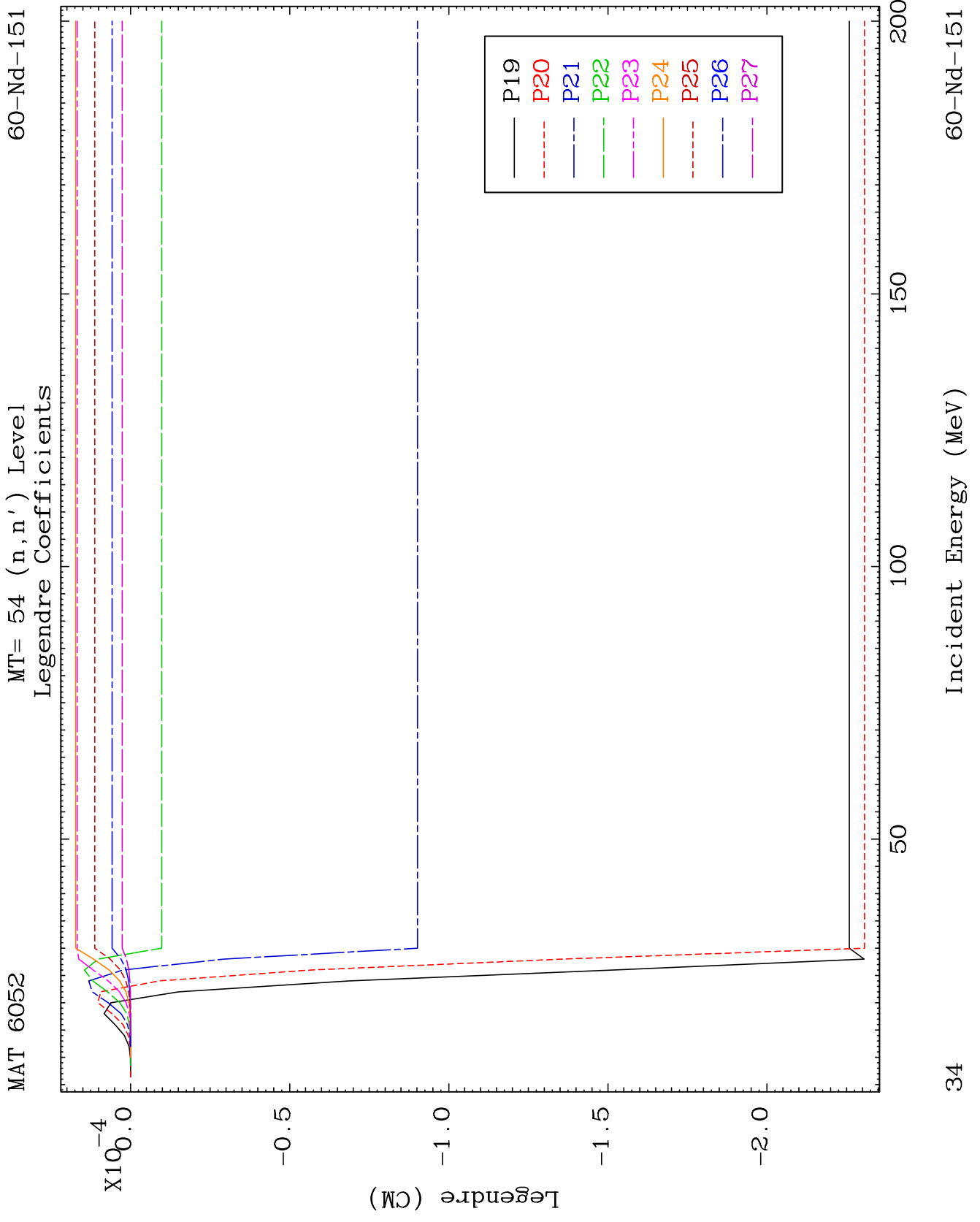
32

MAT 6052

MT= 54 (n,n') Level
Legendre Coefficients

60-Nd-151

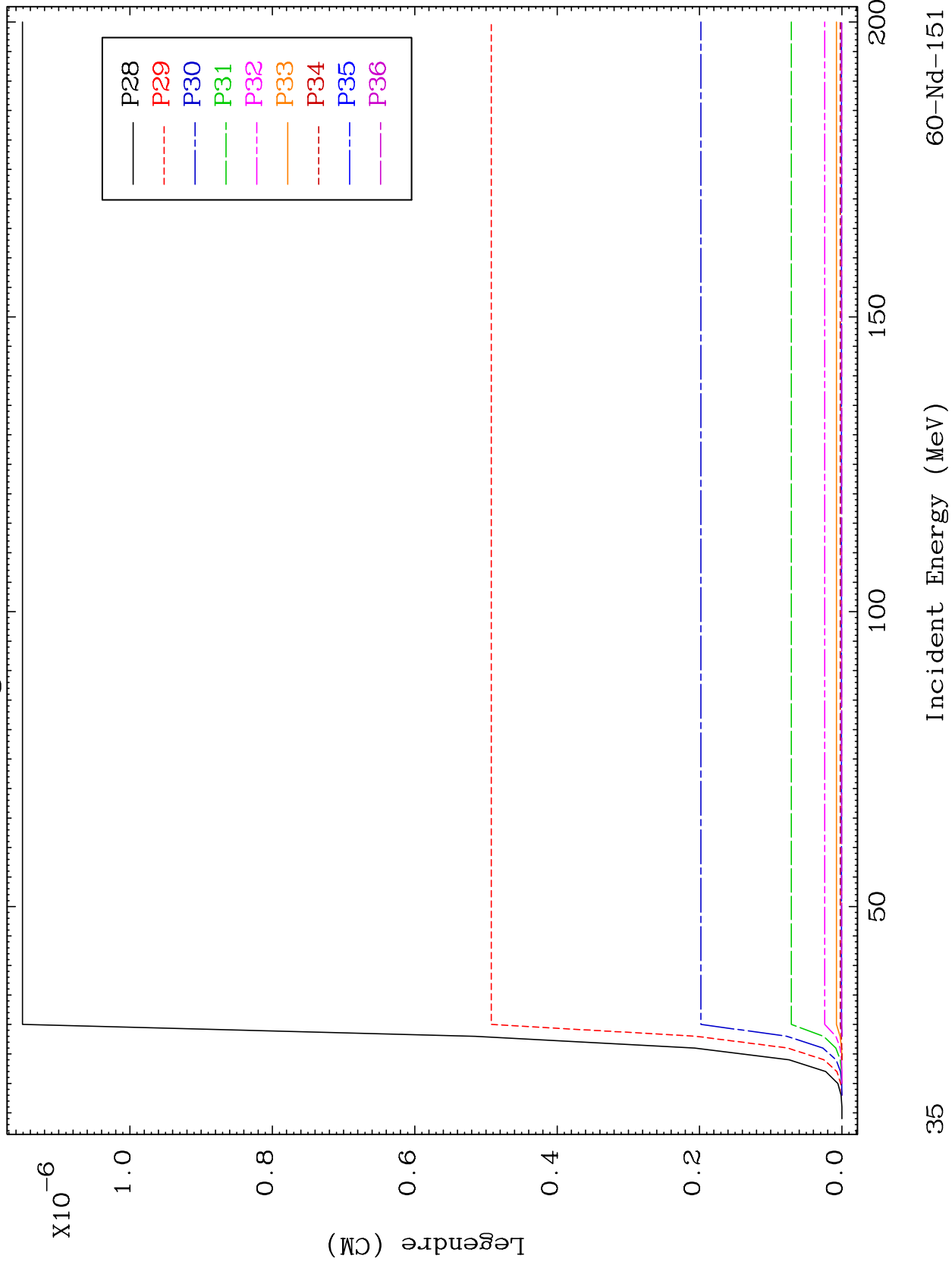


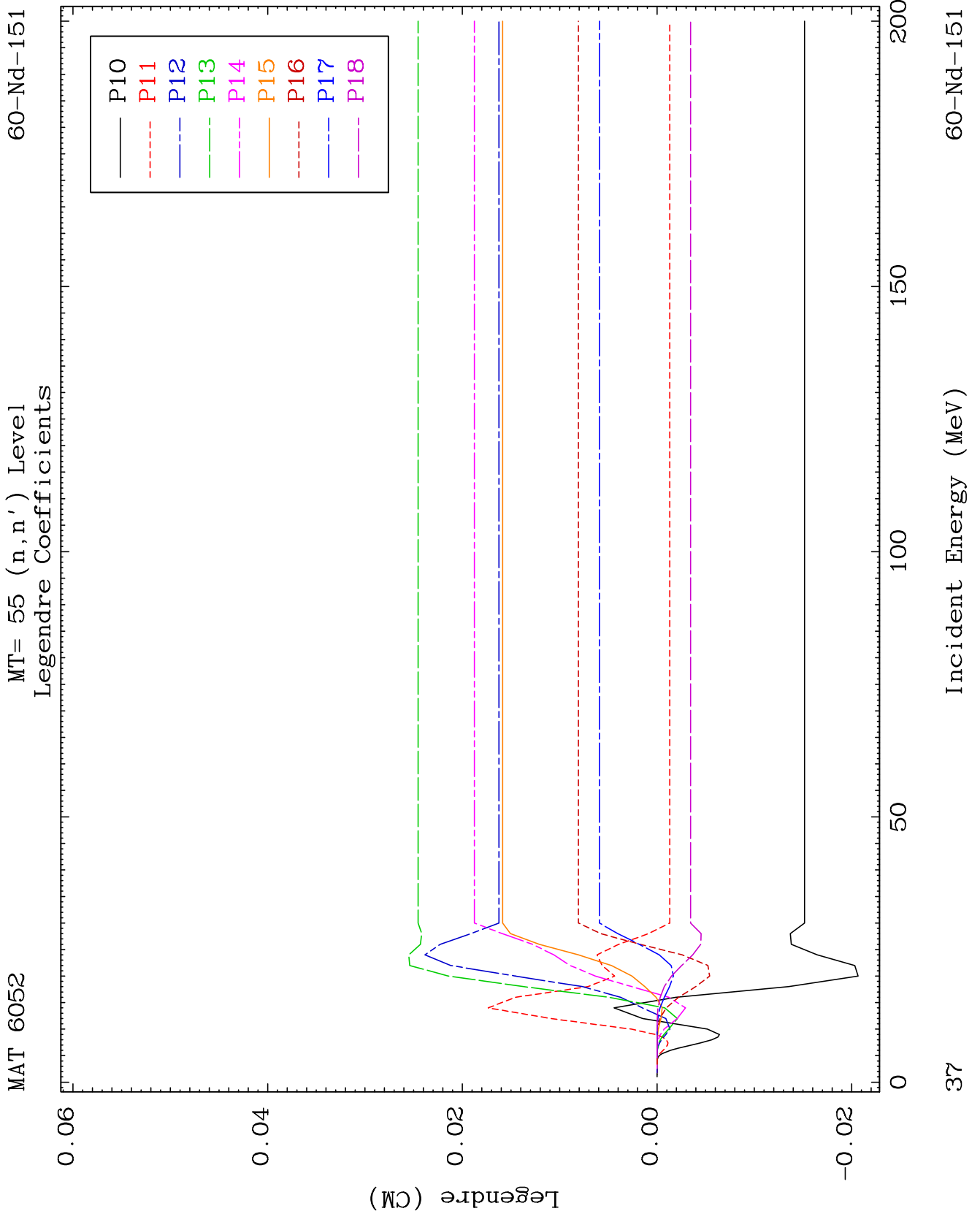


MAT 6052

MT= 54 (n,n') Level
Legendre Coefficients

60-Nd-151

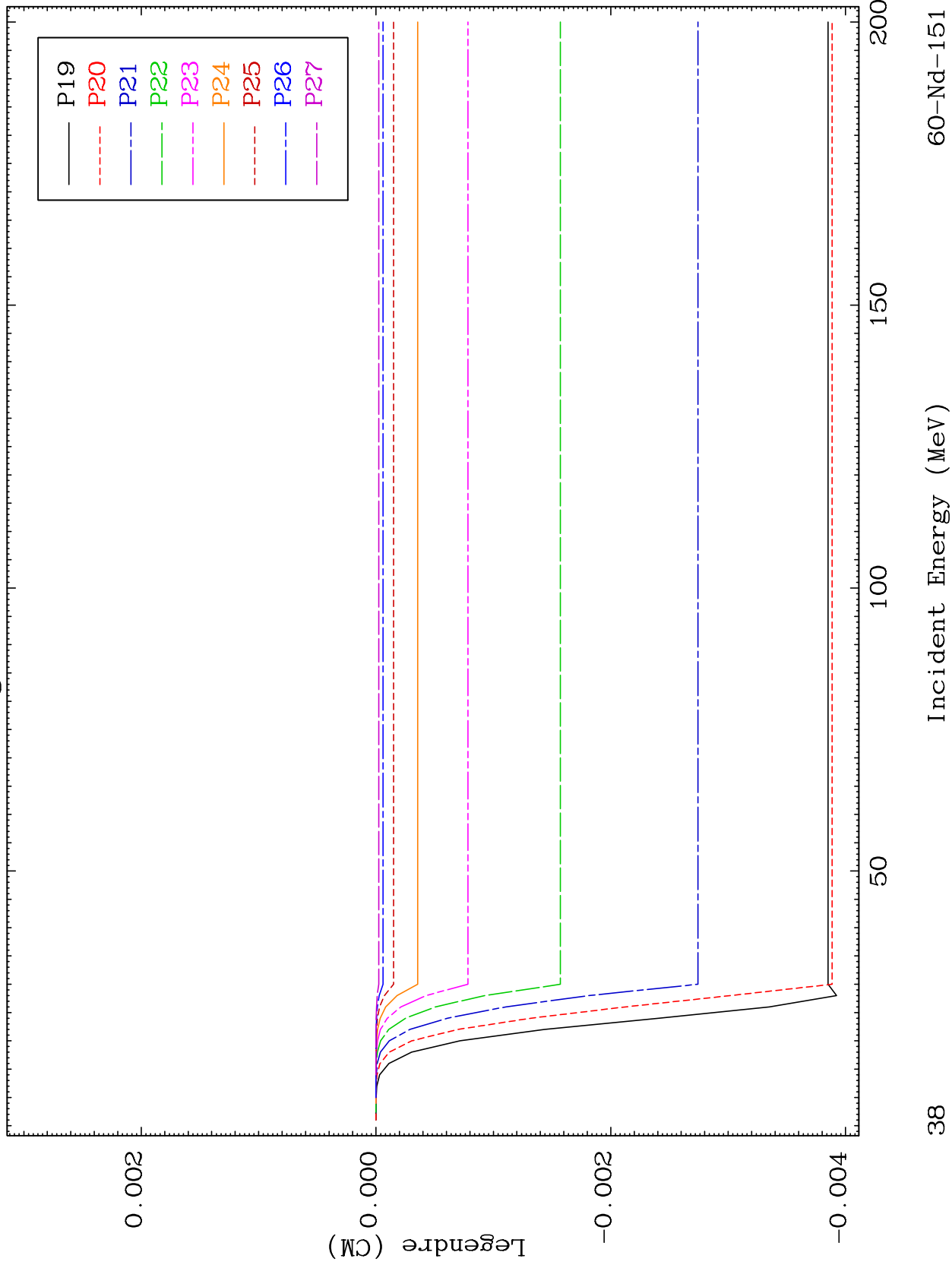




MAT 6052

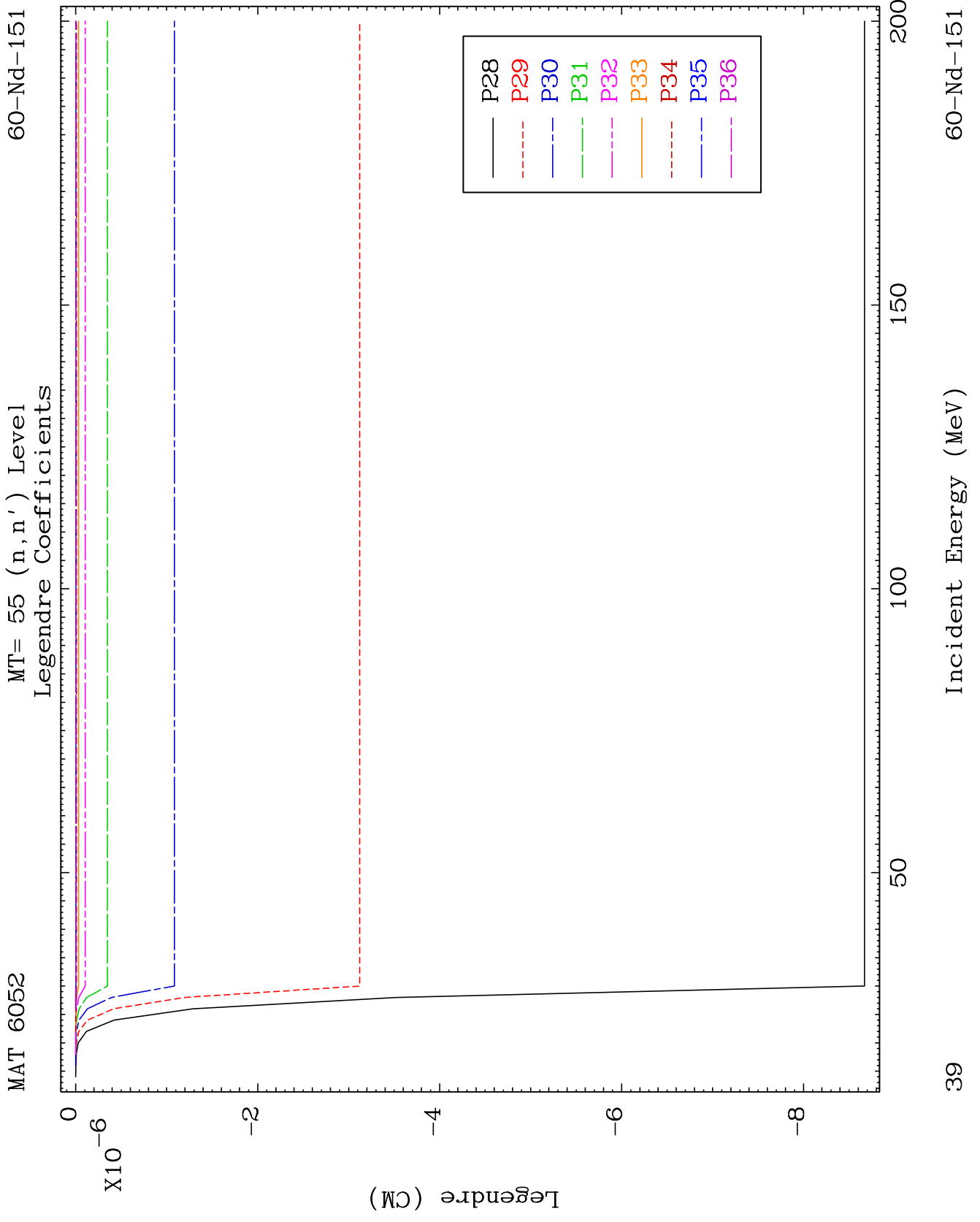
MT= 55 (n,n') Level
Legendre Coefficients

60-Nd-151



38

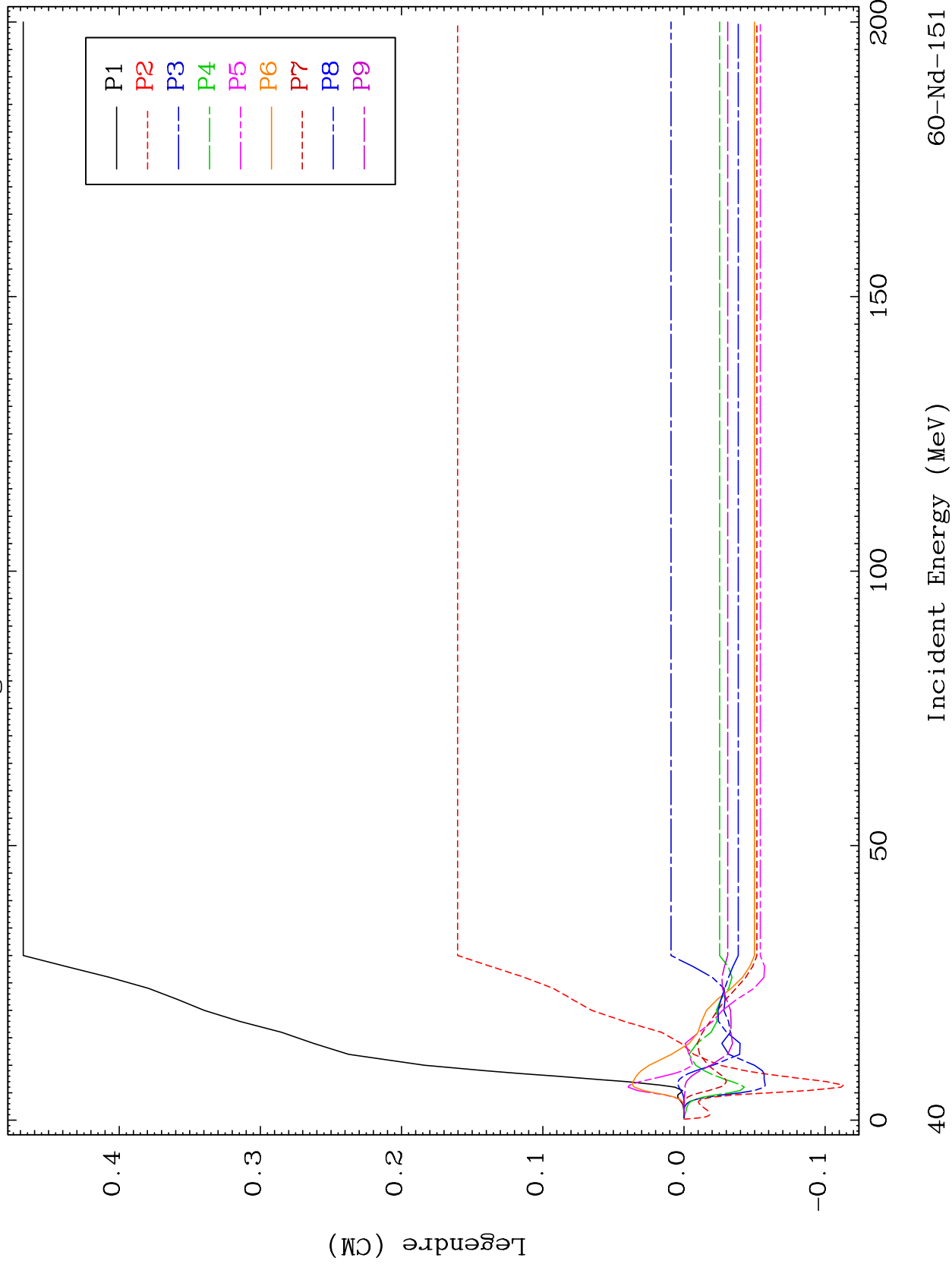
60-Nd-151

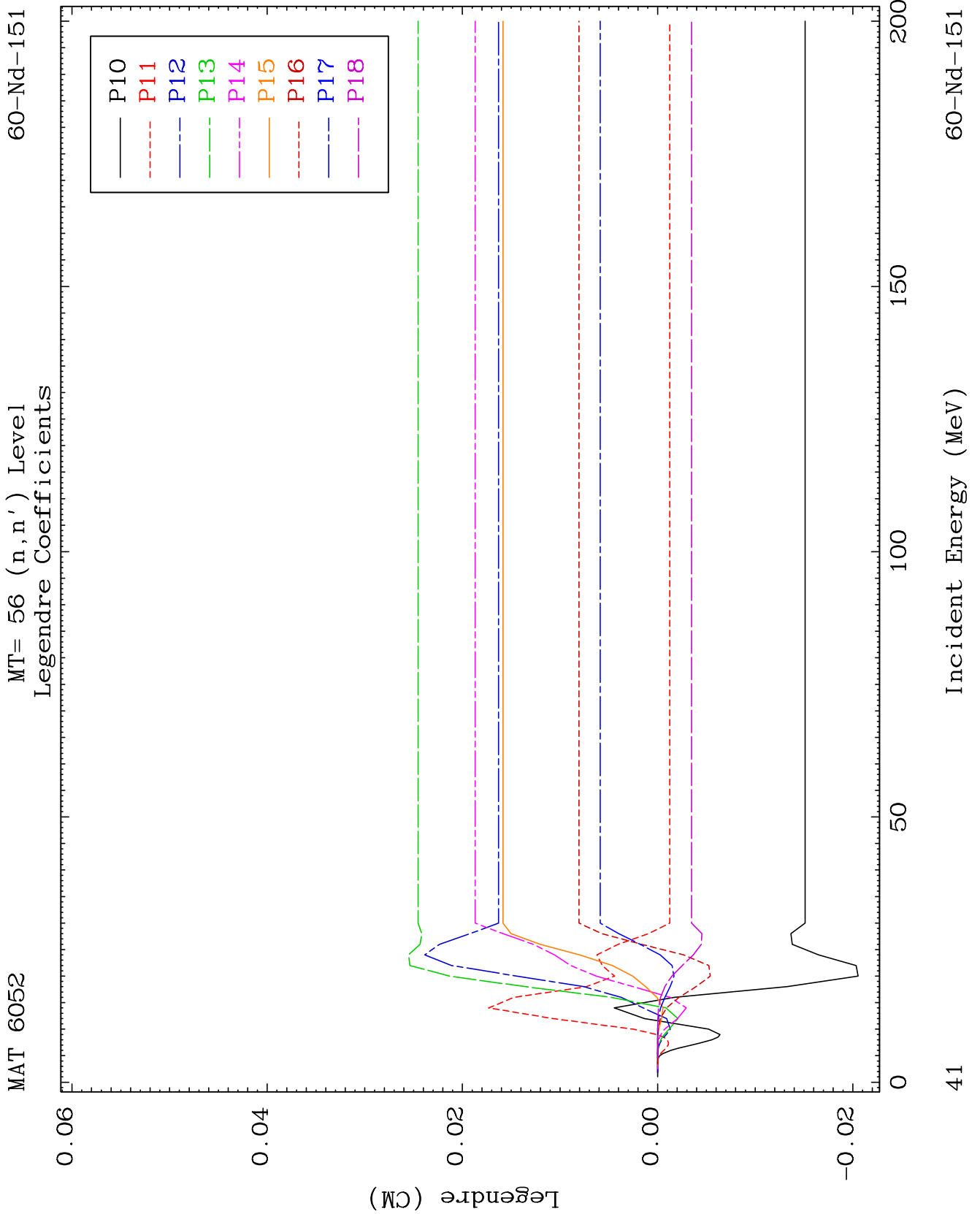


MAT 6052

MT= 56 (n,n') Level
Legendre Coefficients

60-Nd-151

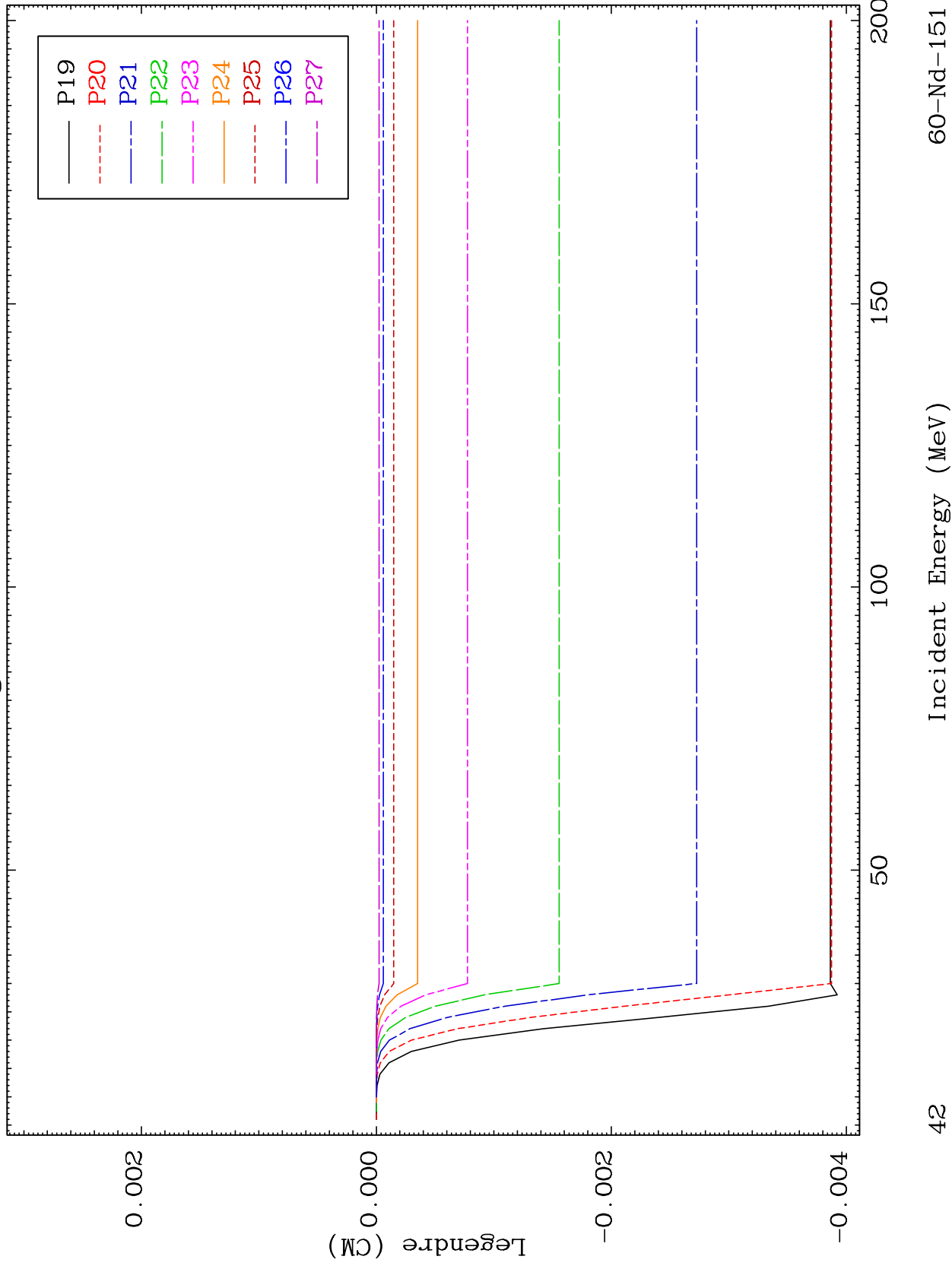




MAT 6052

MT= 56 (n,n') Level
Legendre Coefficients

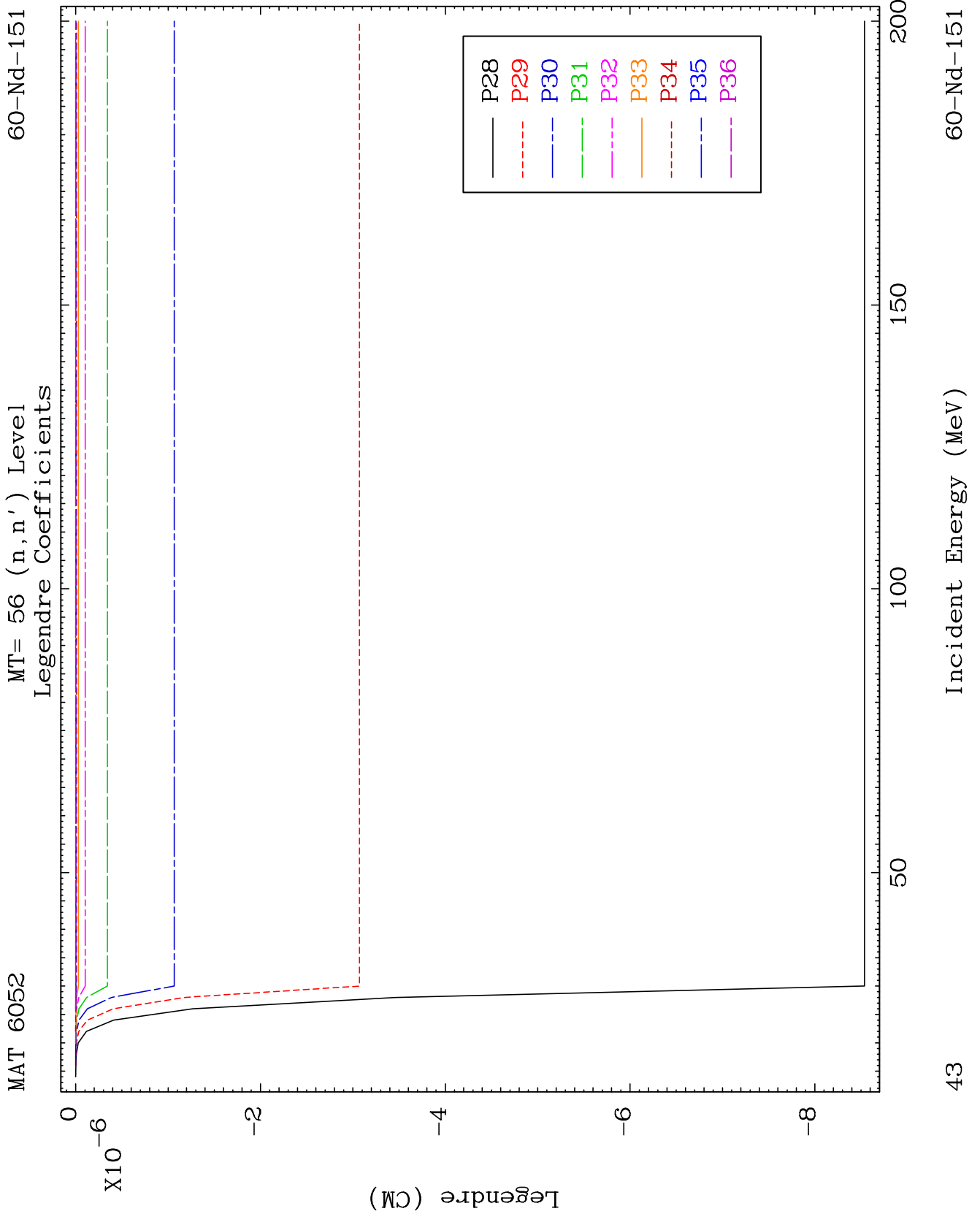
60-Nd-151



42

Incident Energy (MeV)

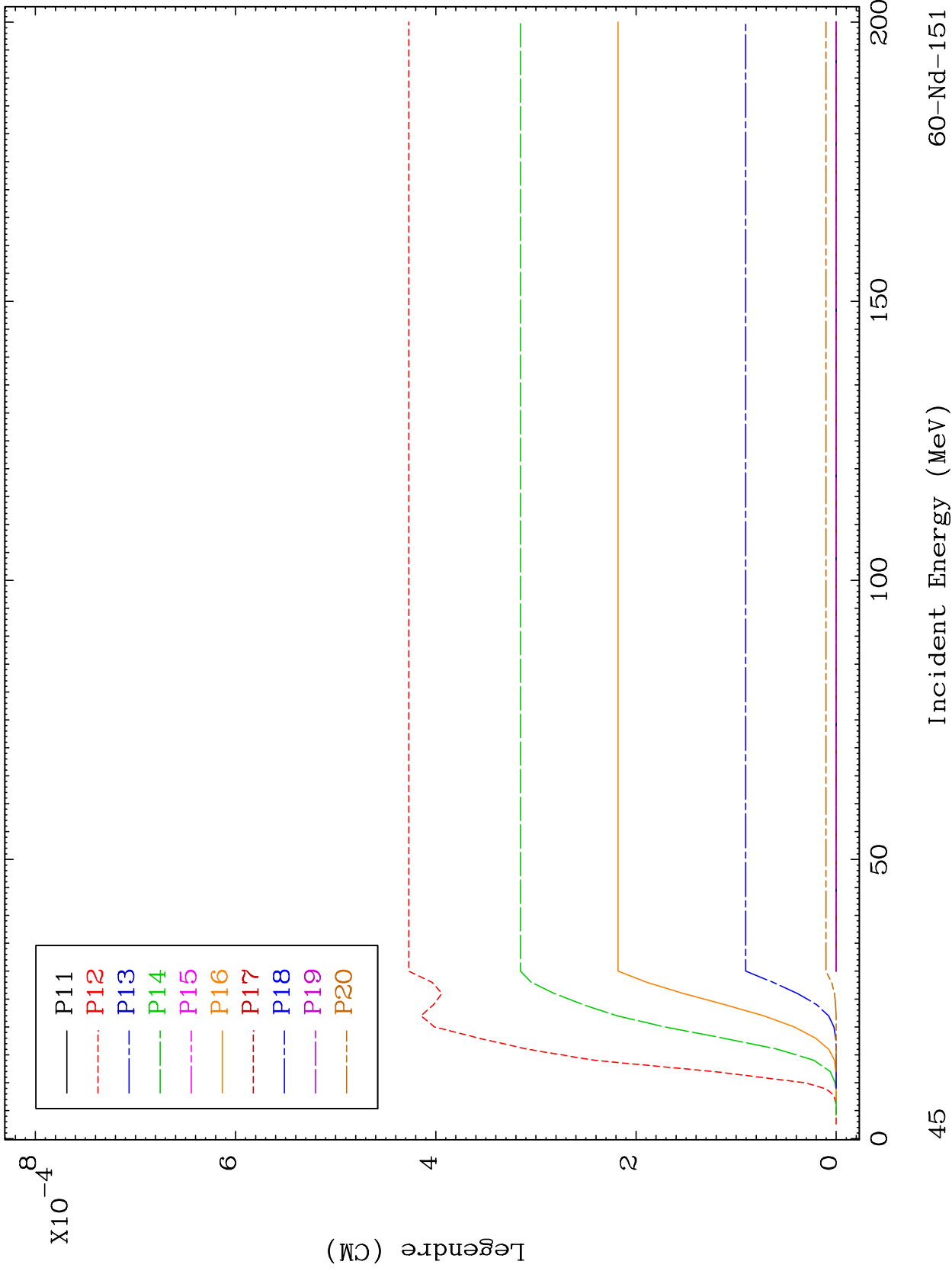
60-Nd-151

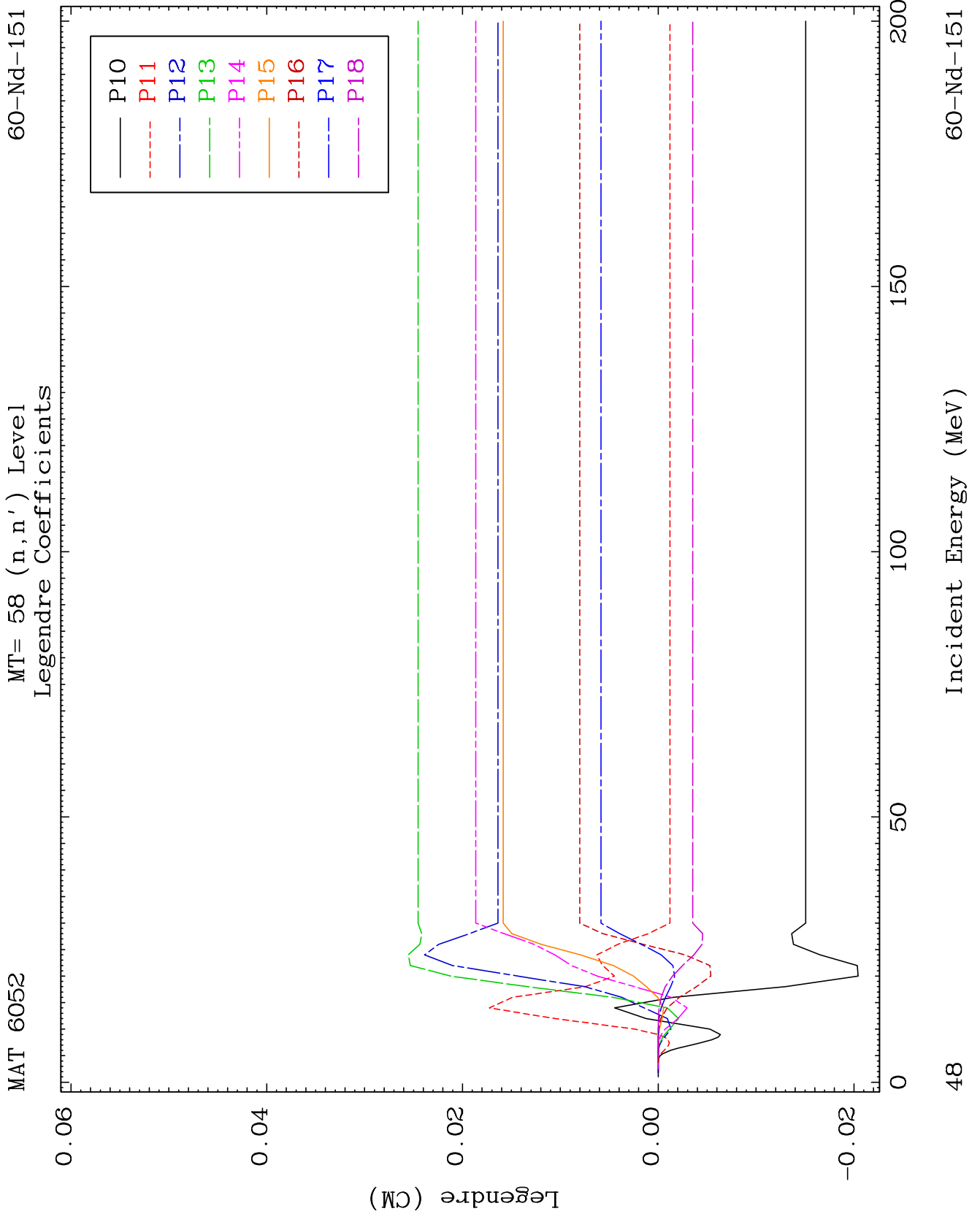


MAT 6052

MT= 57 (n,n') Level
Legendre Coefficients

60-Nd-151

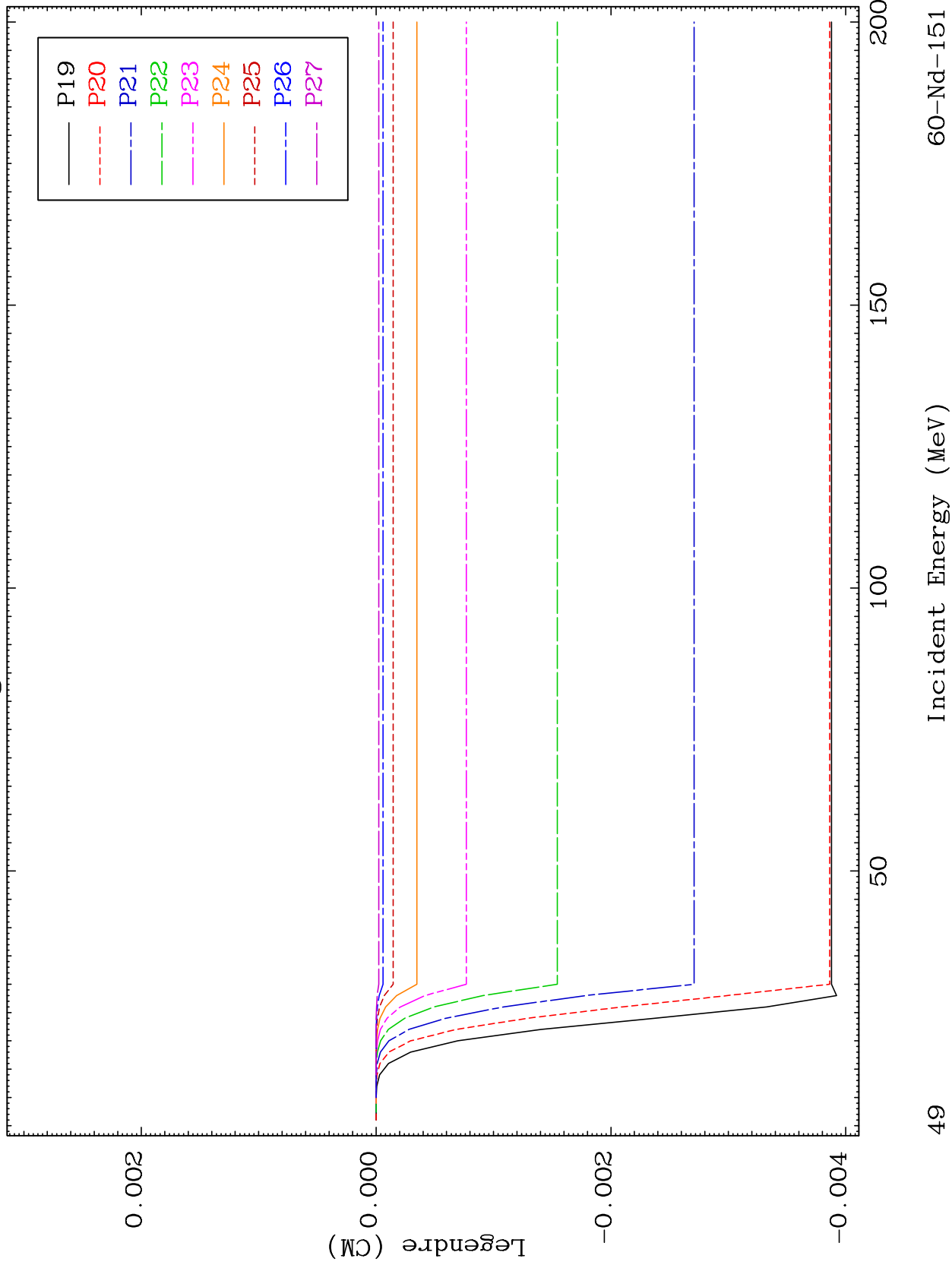


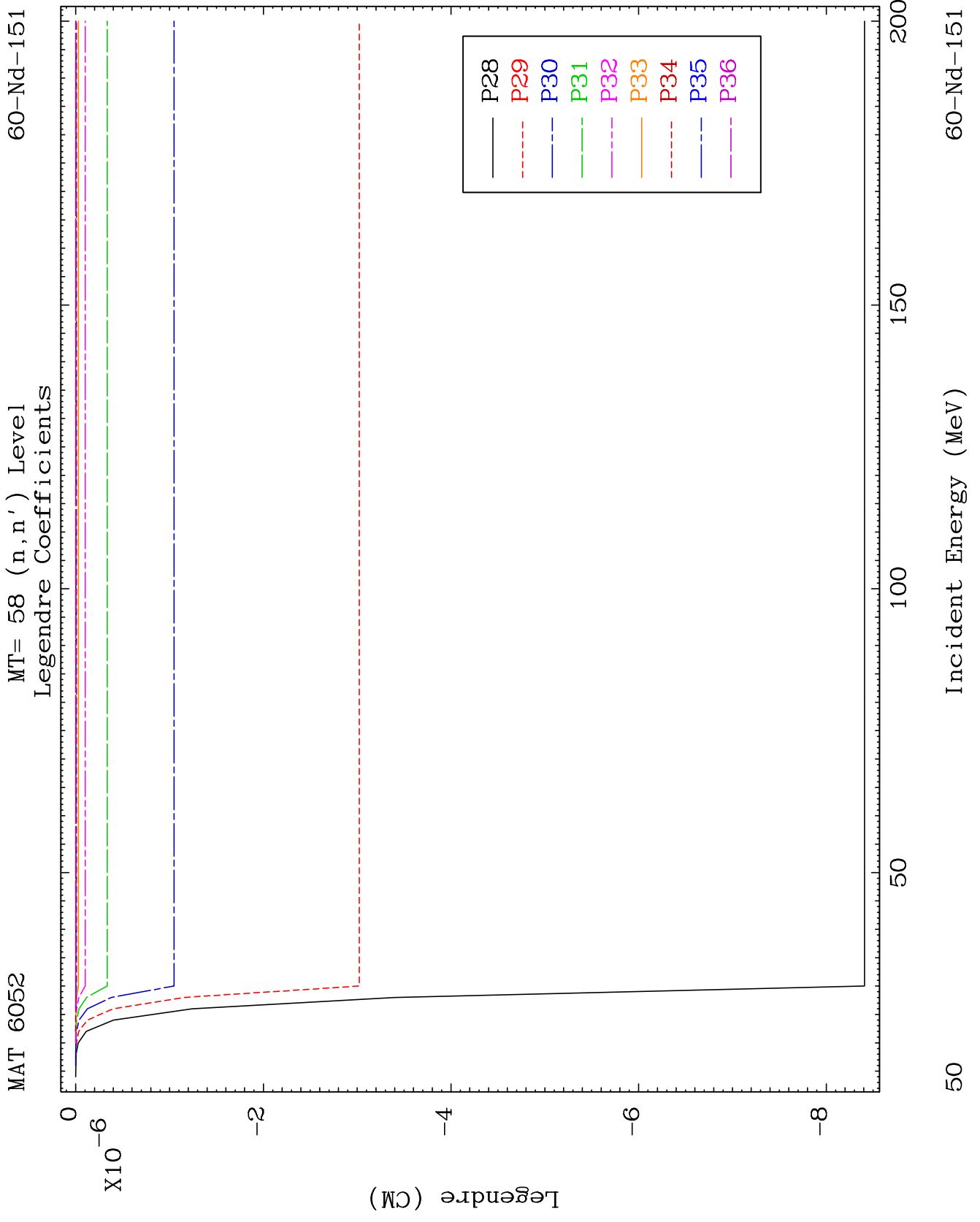


MAT 6052

MT= 58 (n,n') Level
Legendre Coefficients

60-Nd-151

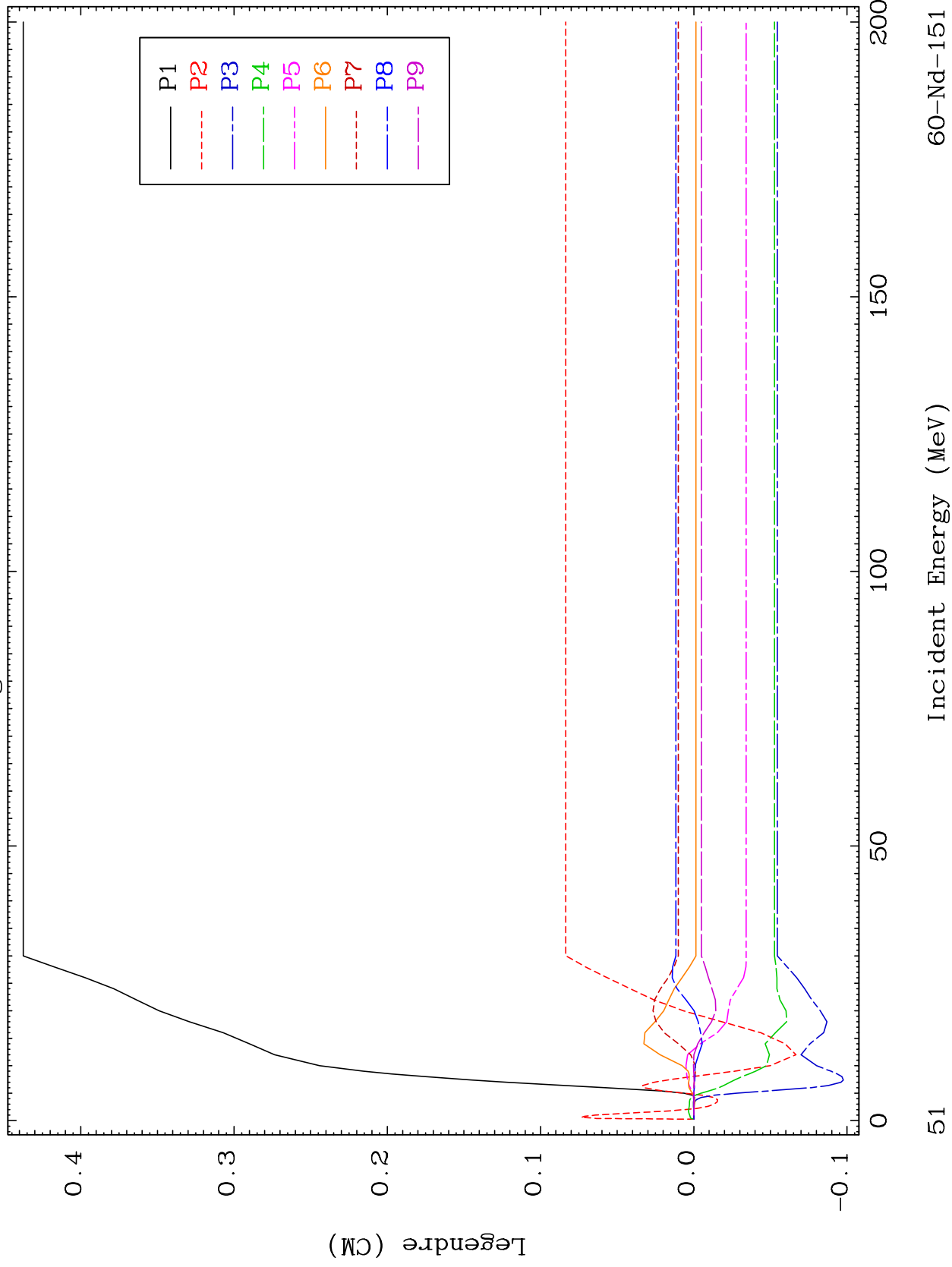




MAT 6052

MT= 59 (n,n') Level
Legendre Coefficients

60-Nd-151



60-Nd-151

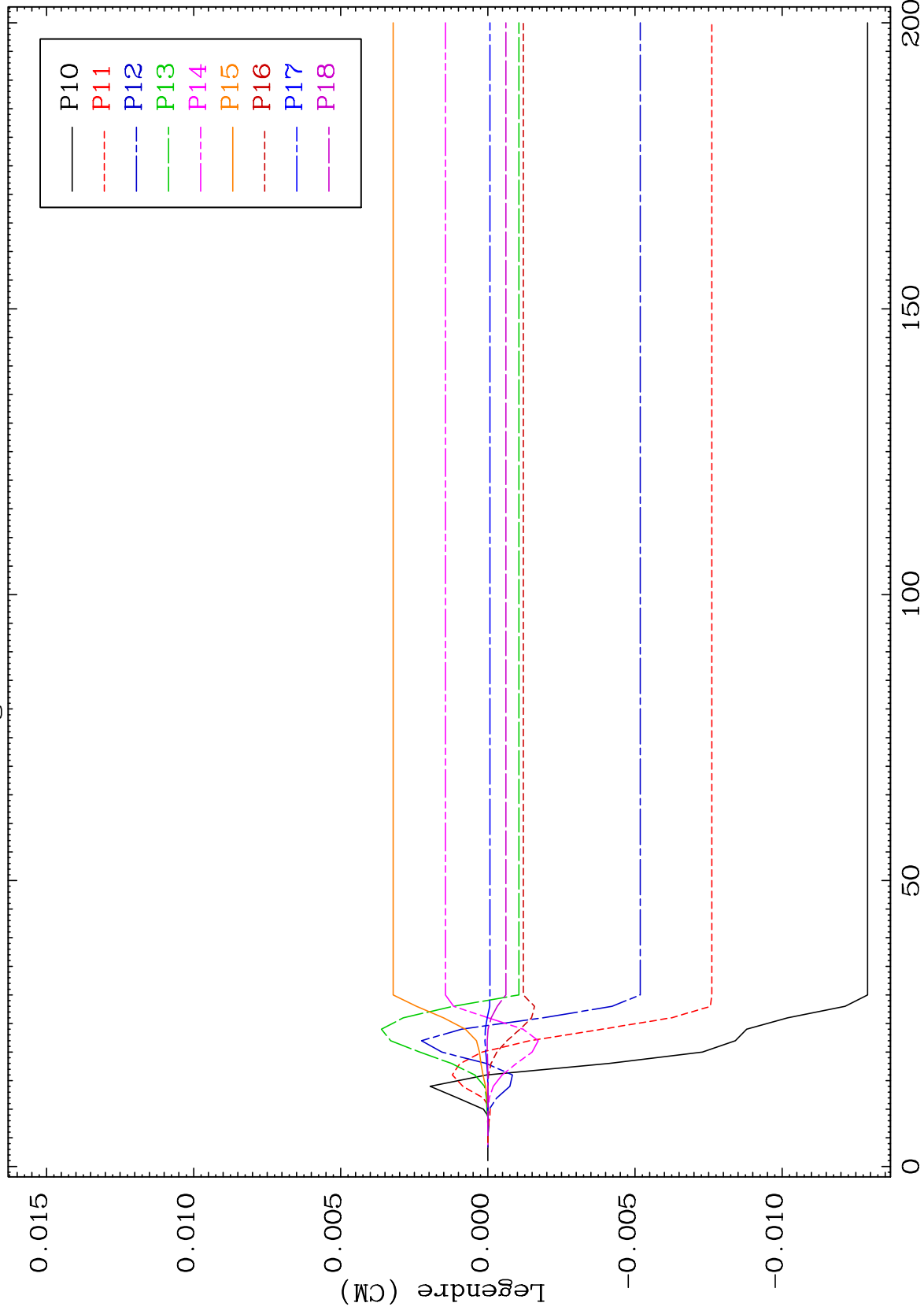
Incident Energy (MeV)

51

MAT 6052

MT= 59 (n,n') Level
Legendre Coefficients

60-Nd-151



52

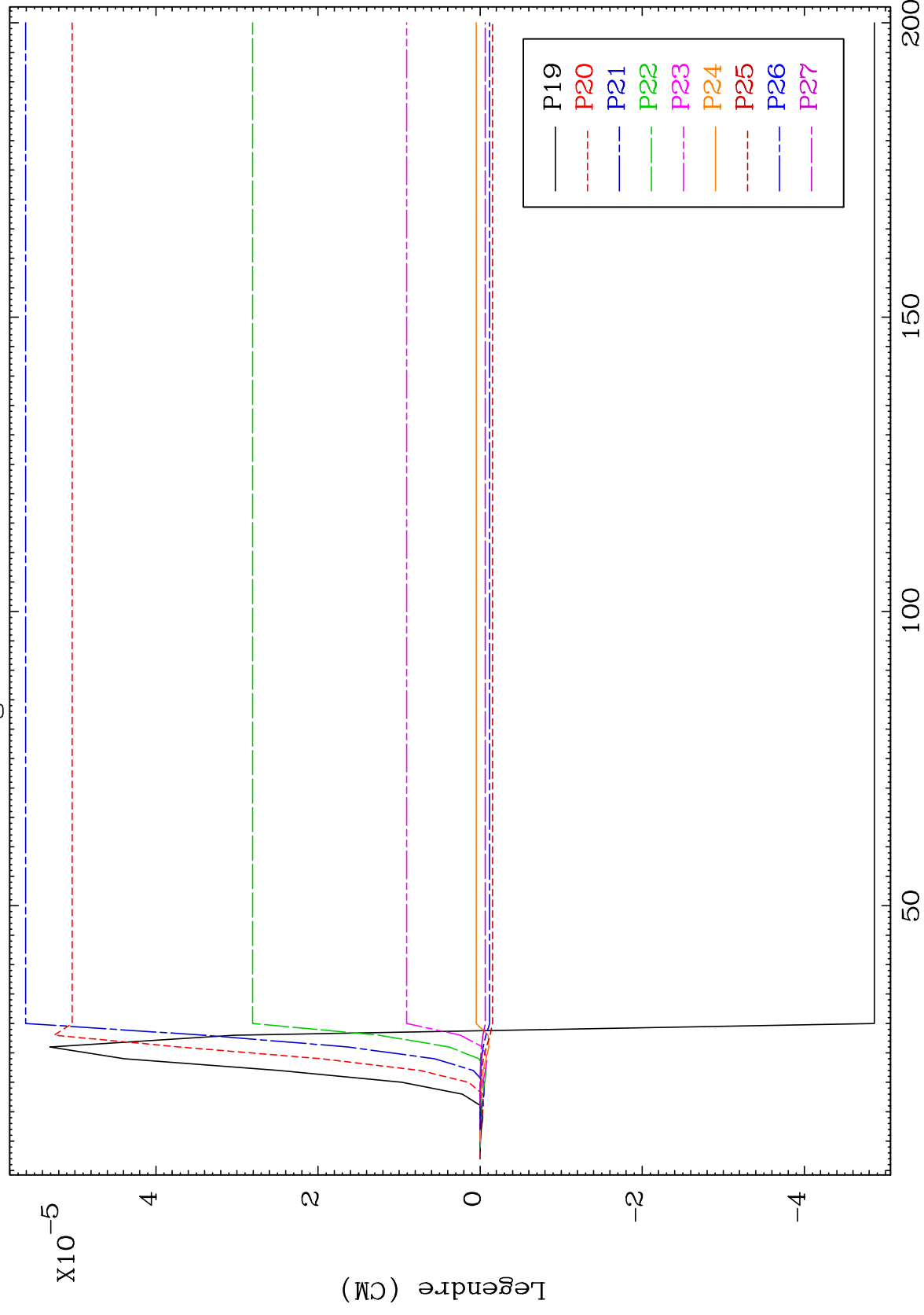
Incident Energy (MeV)

60-Nd-151

MAT 6052

MT= 59 (n,n') Level
Legendre Coefficients

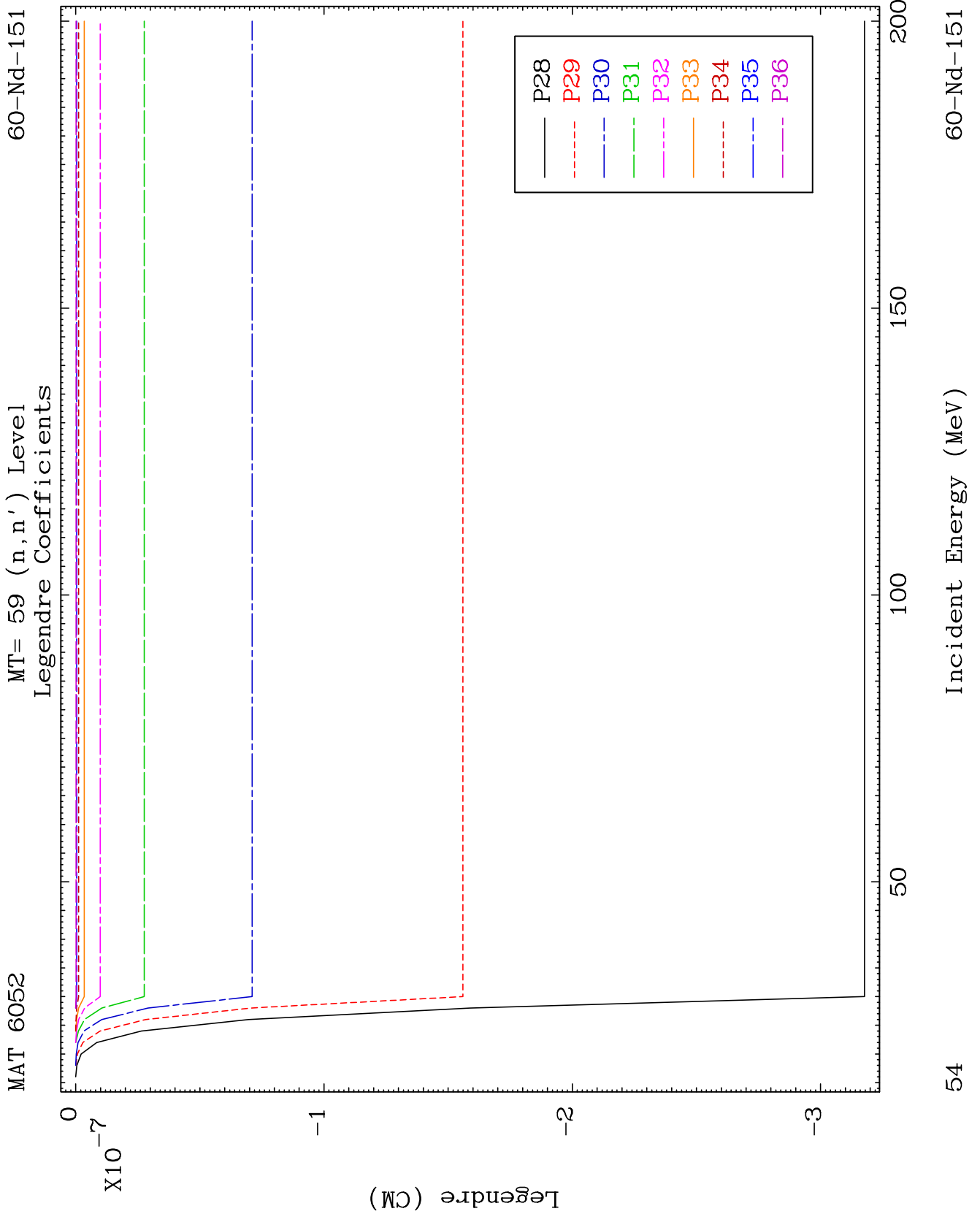
60-Nd-151

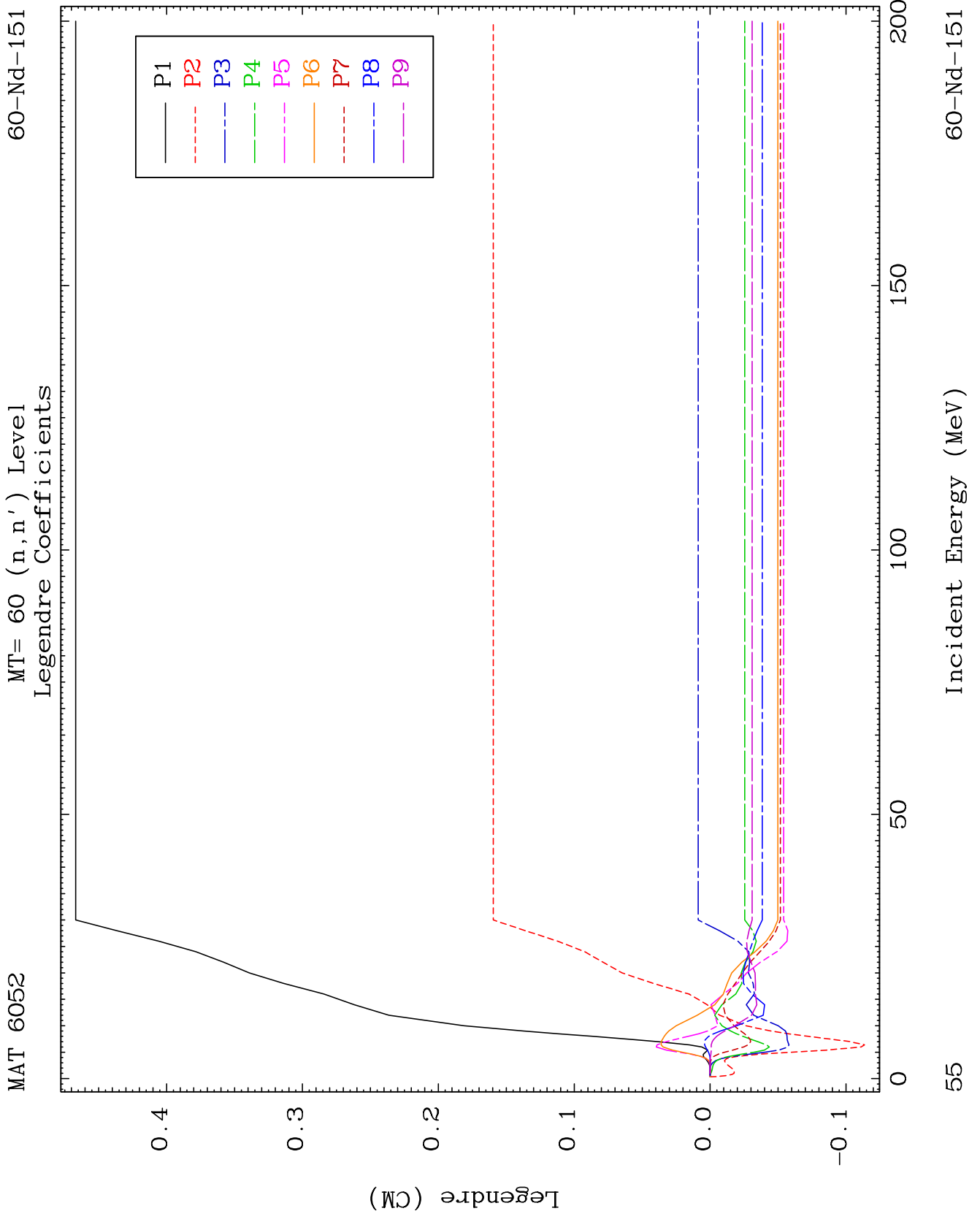


53

Incident Energy (MeV)

60-Nd-151

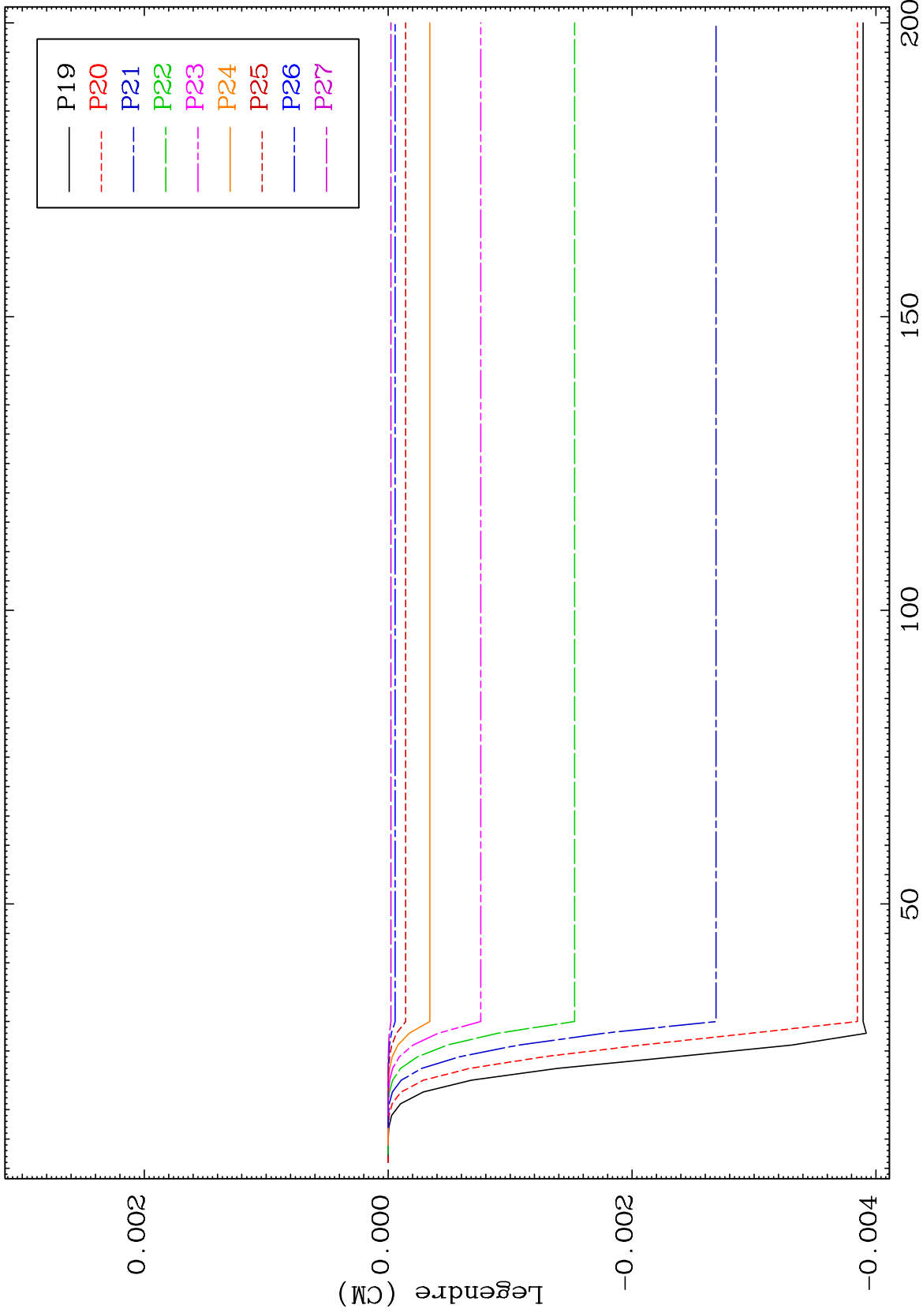




MAT 6052

MT= 60 (n,n') Level
Legendre Coefficients

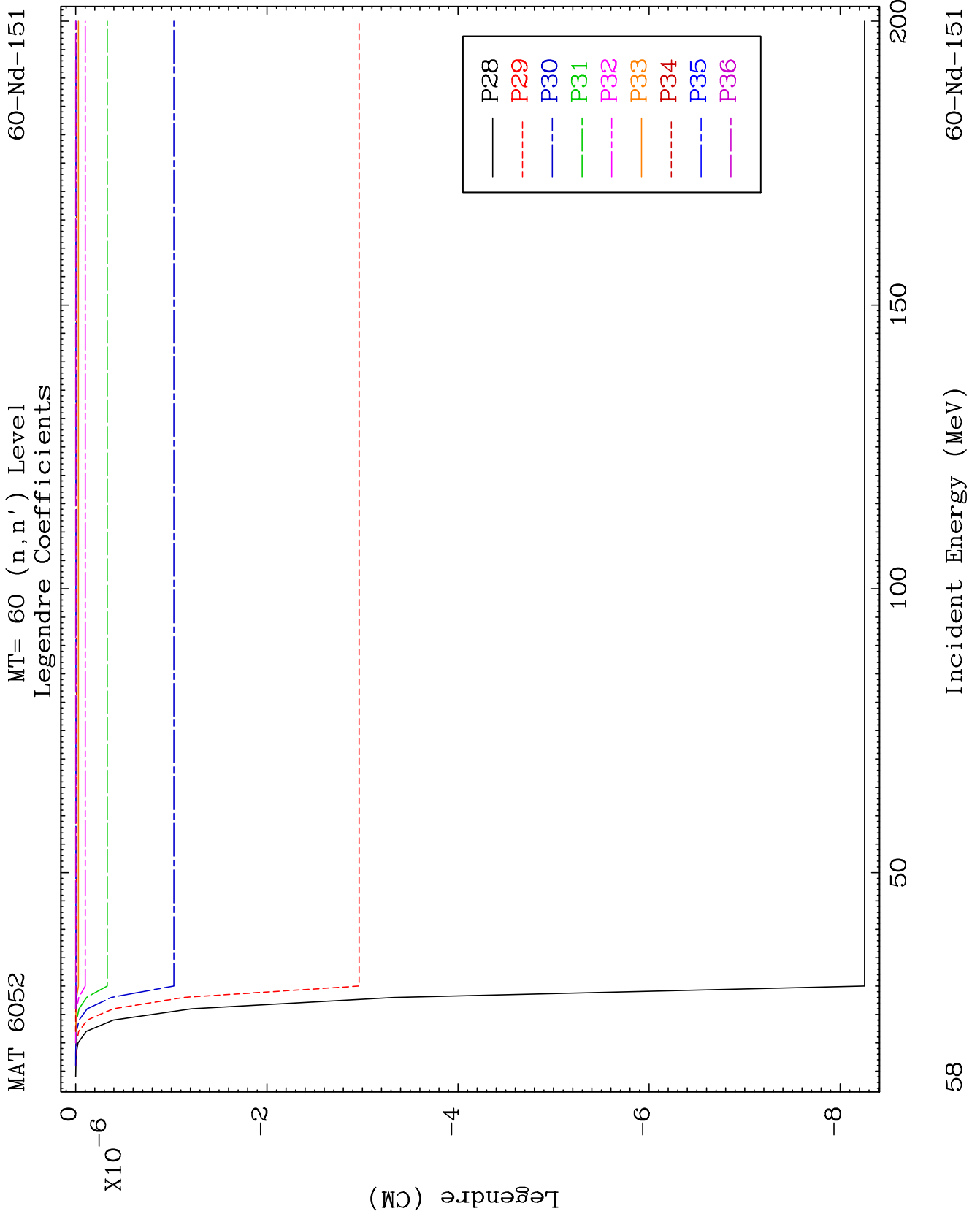
60-Nd-151

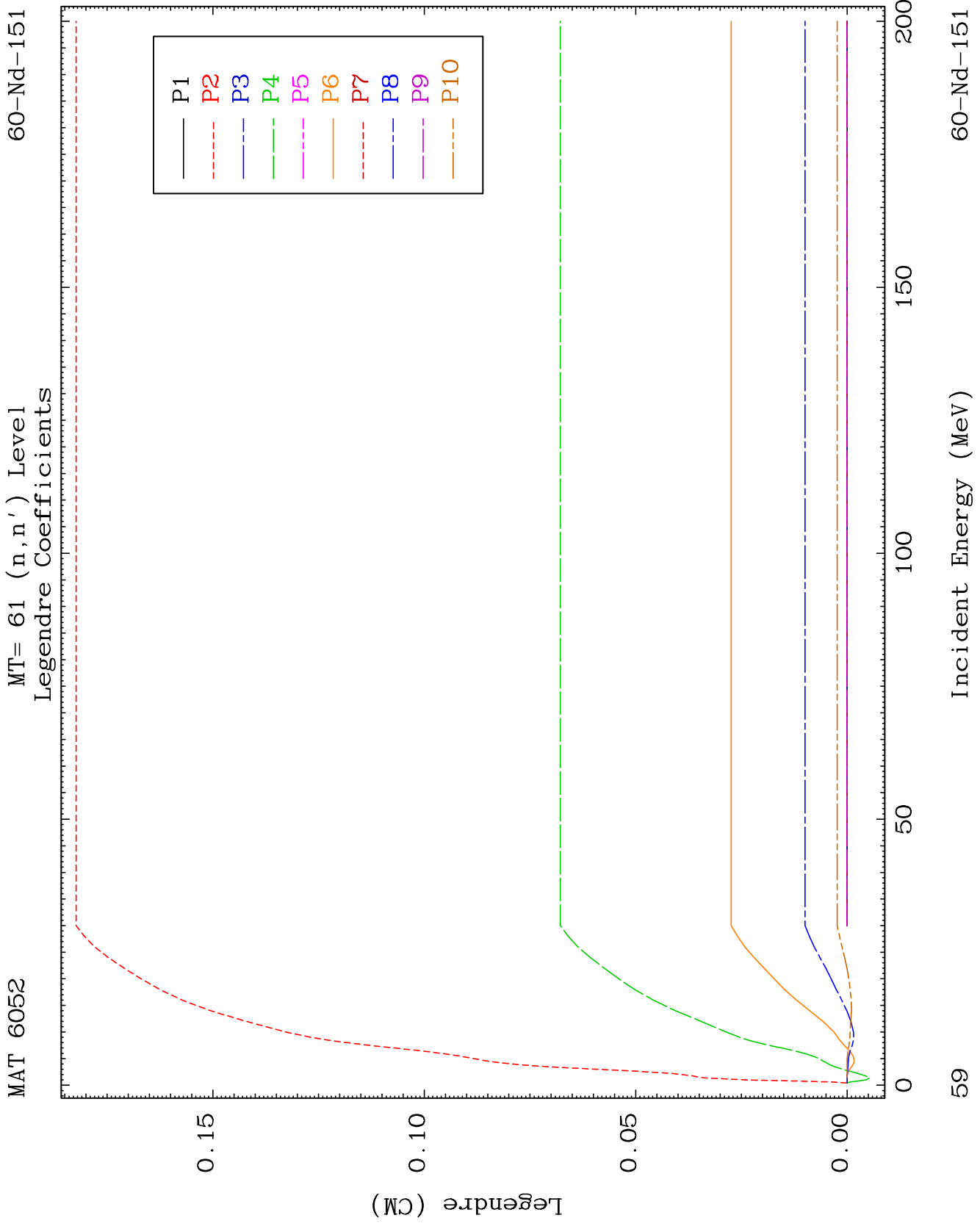


57

Incident Energy (MeV)

60-Nd-151

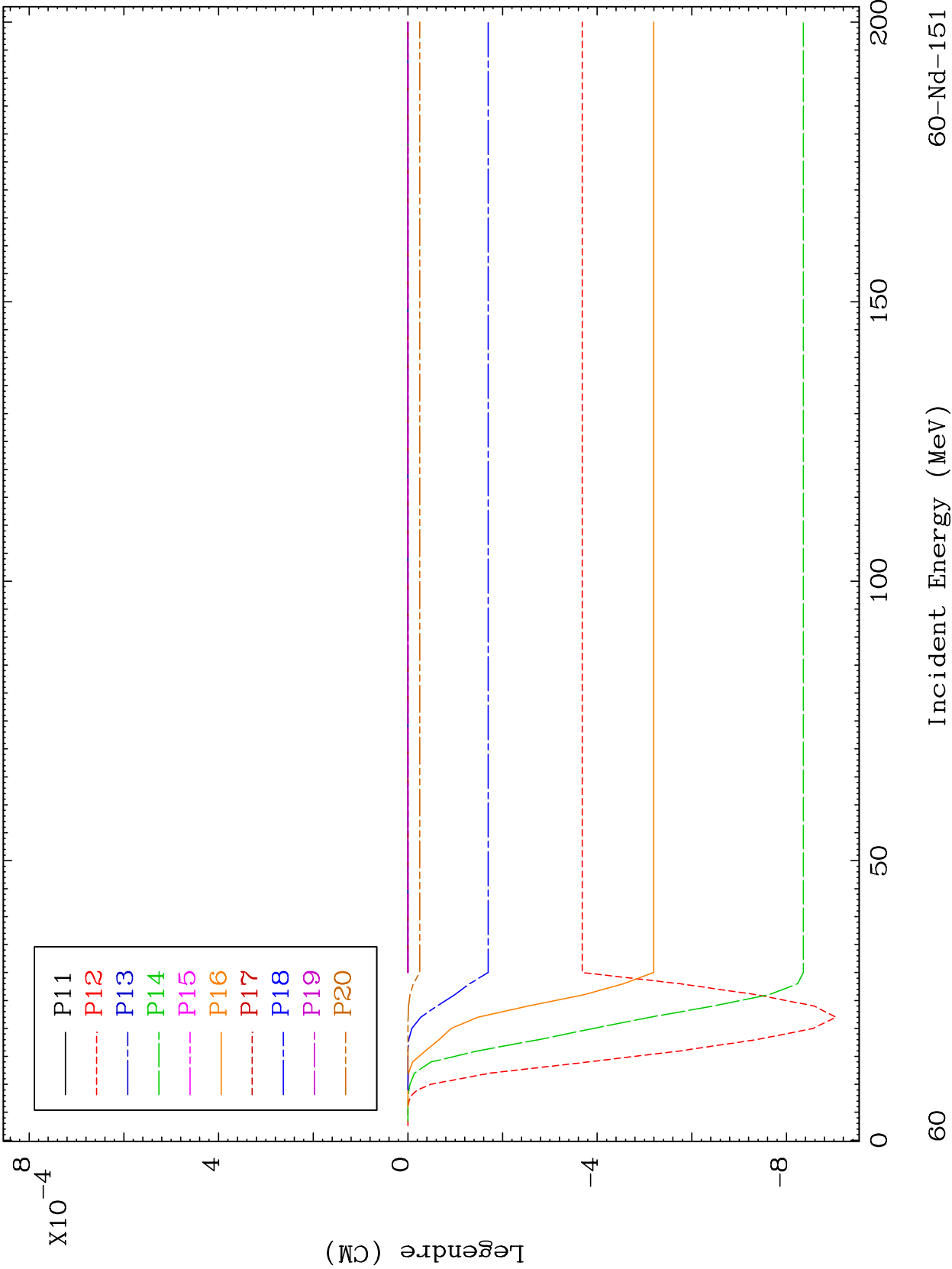


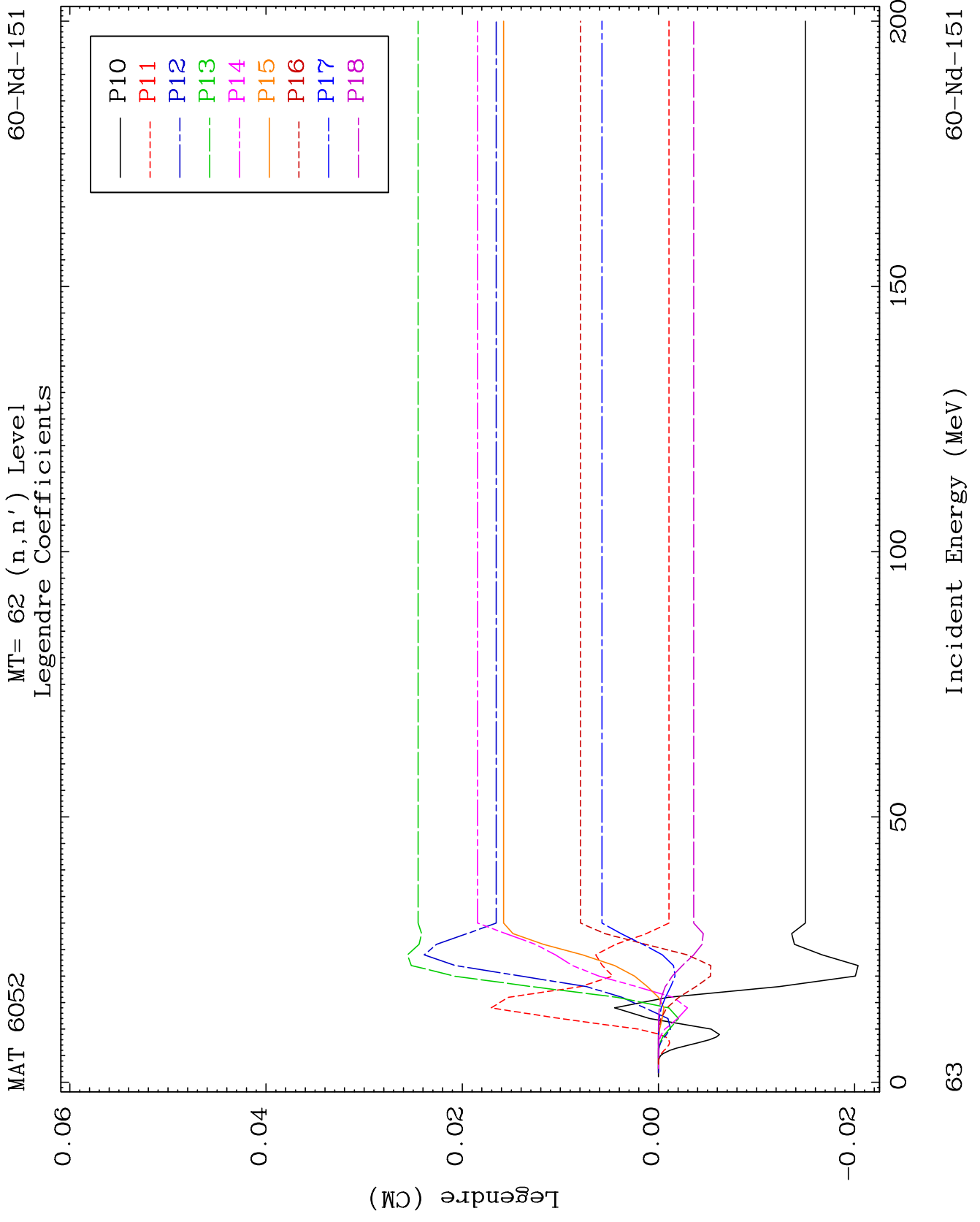


MAT 6052

MT= 61 (n,n') Level
Legendre Coefficients

60-Nd-151

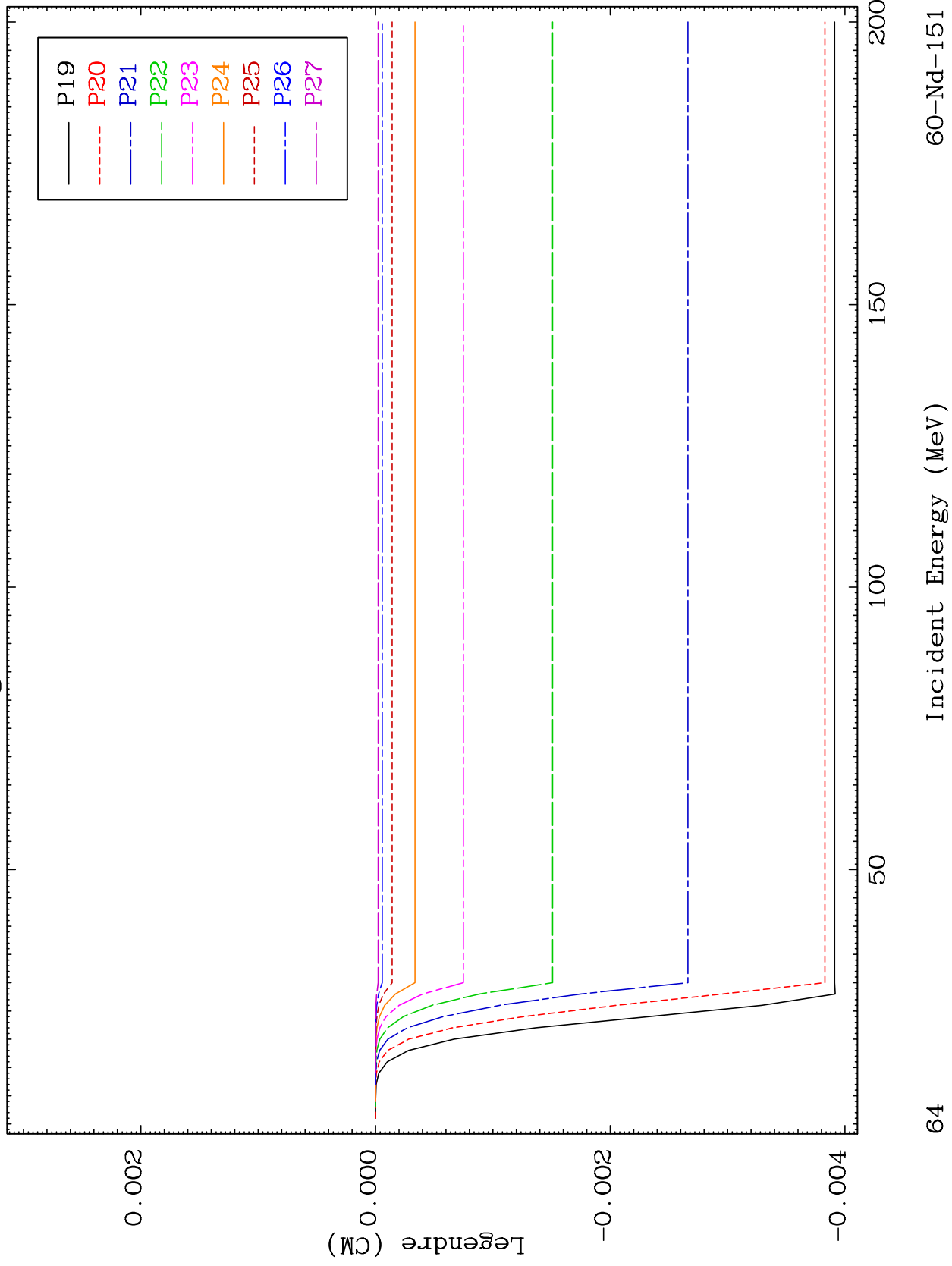




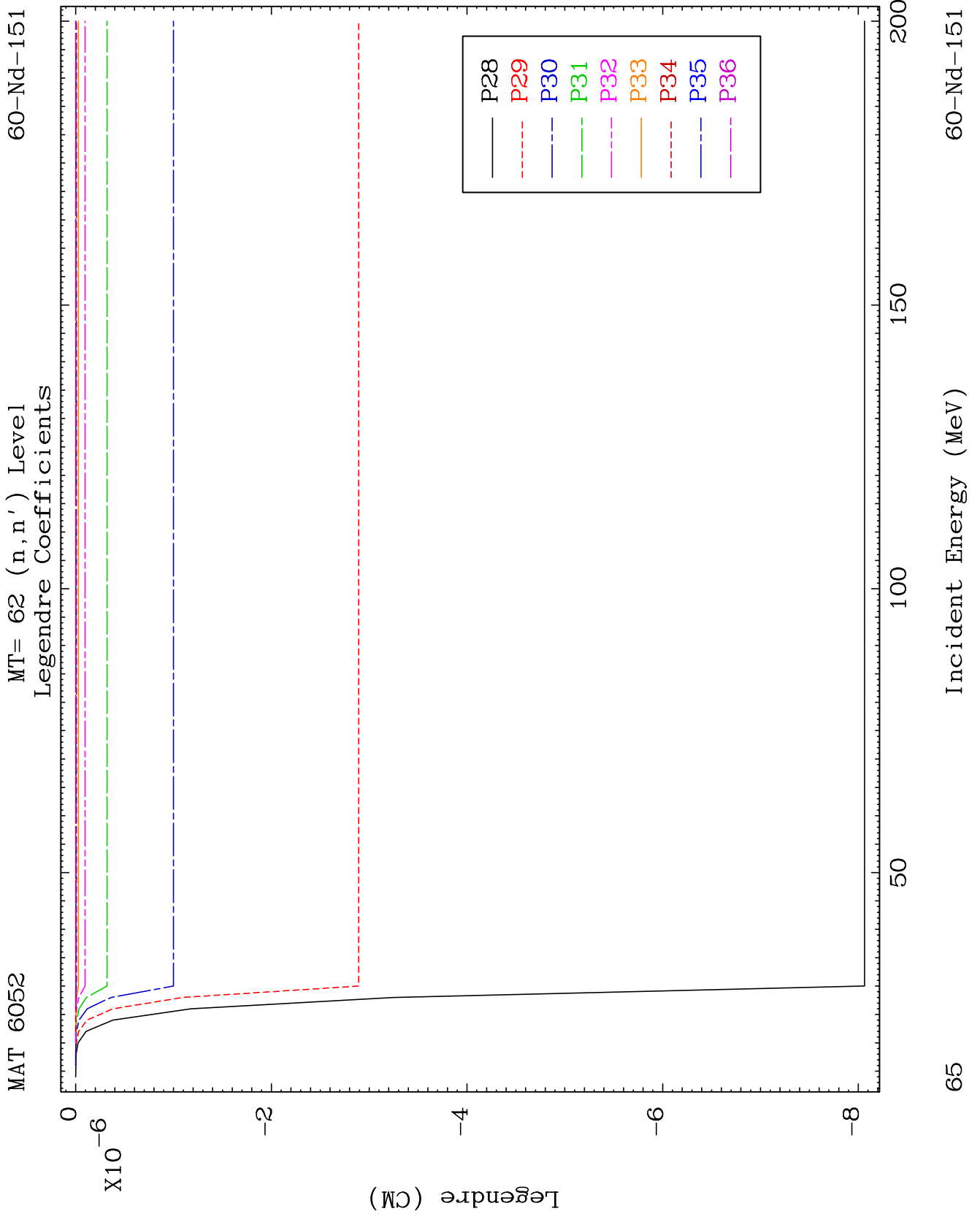
MAT 6052

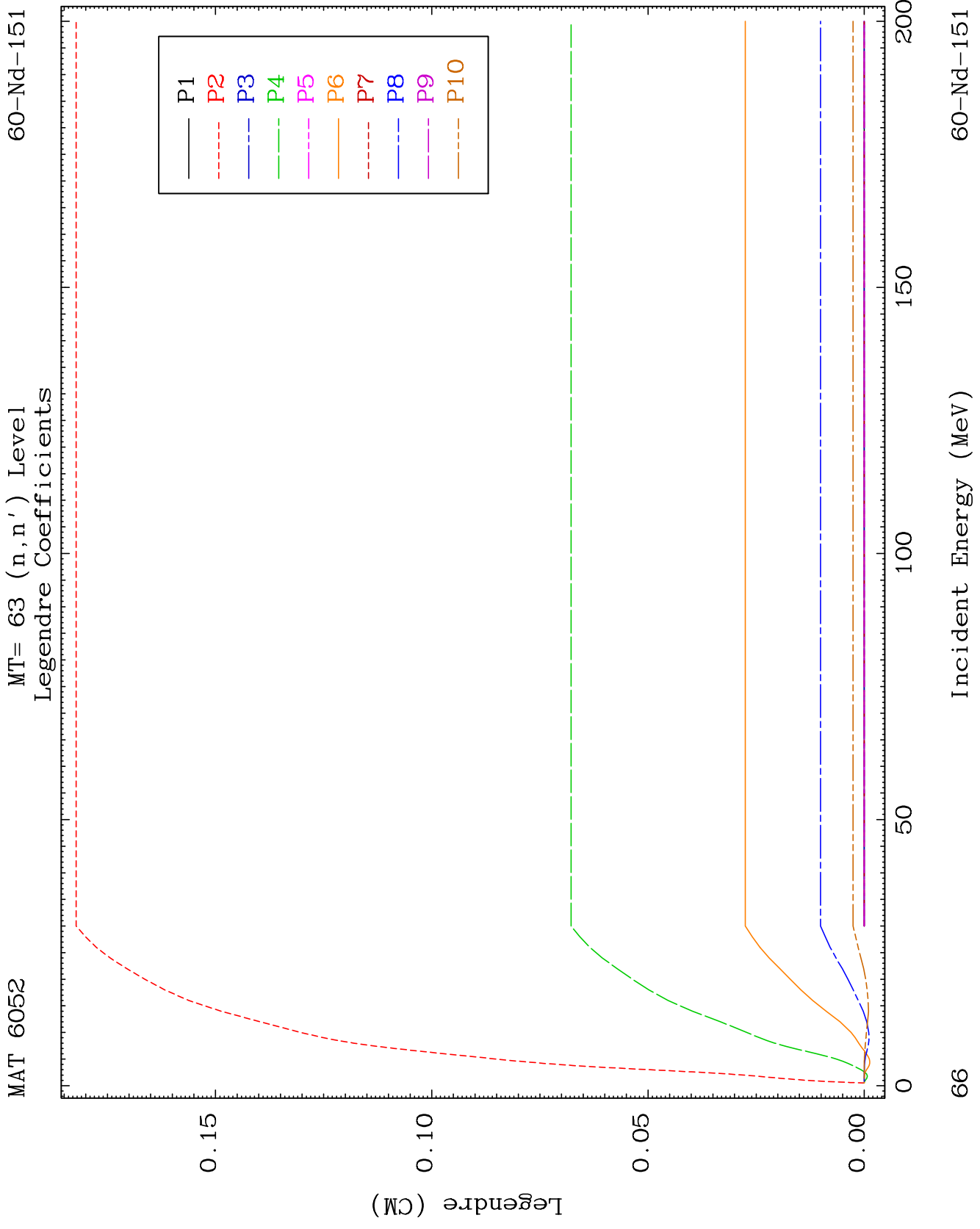
MT= 62 (n,n') Level
Legendre Coefficients

60-Nd-151



64

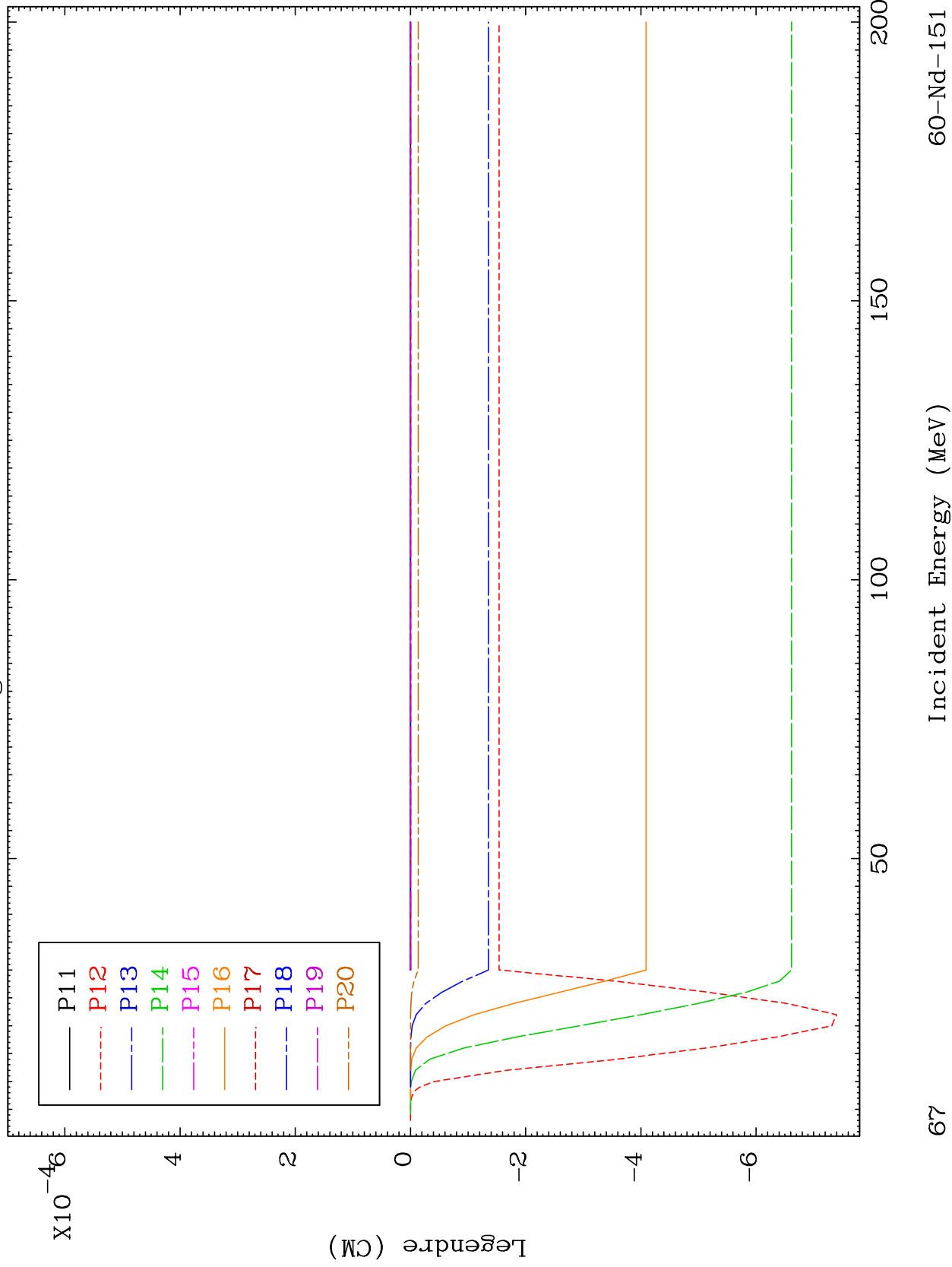




MAT 6052

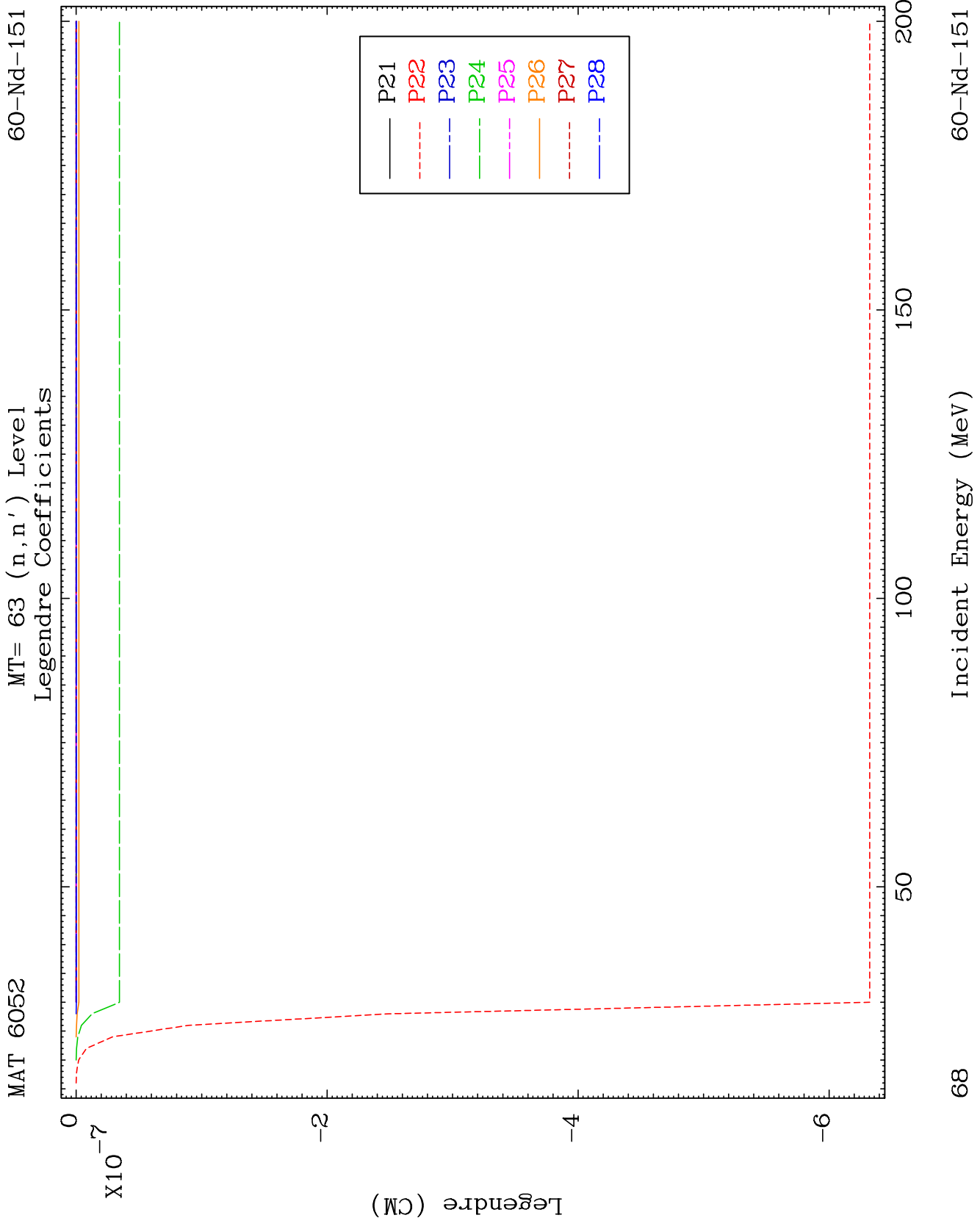
MT= 63 (n,n') Level
Legendre Coefficients

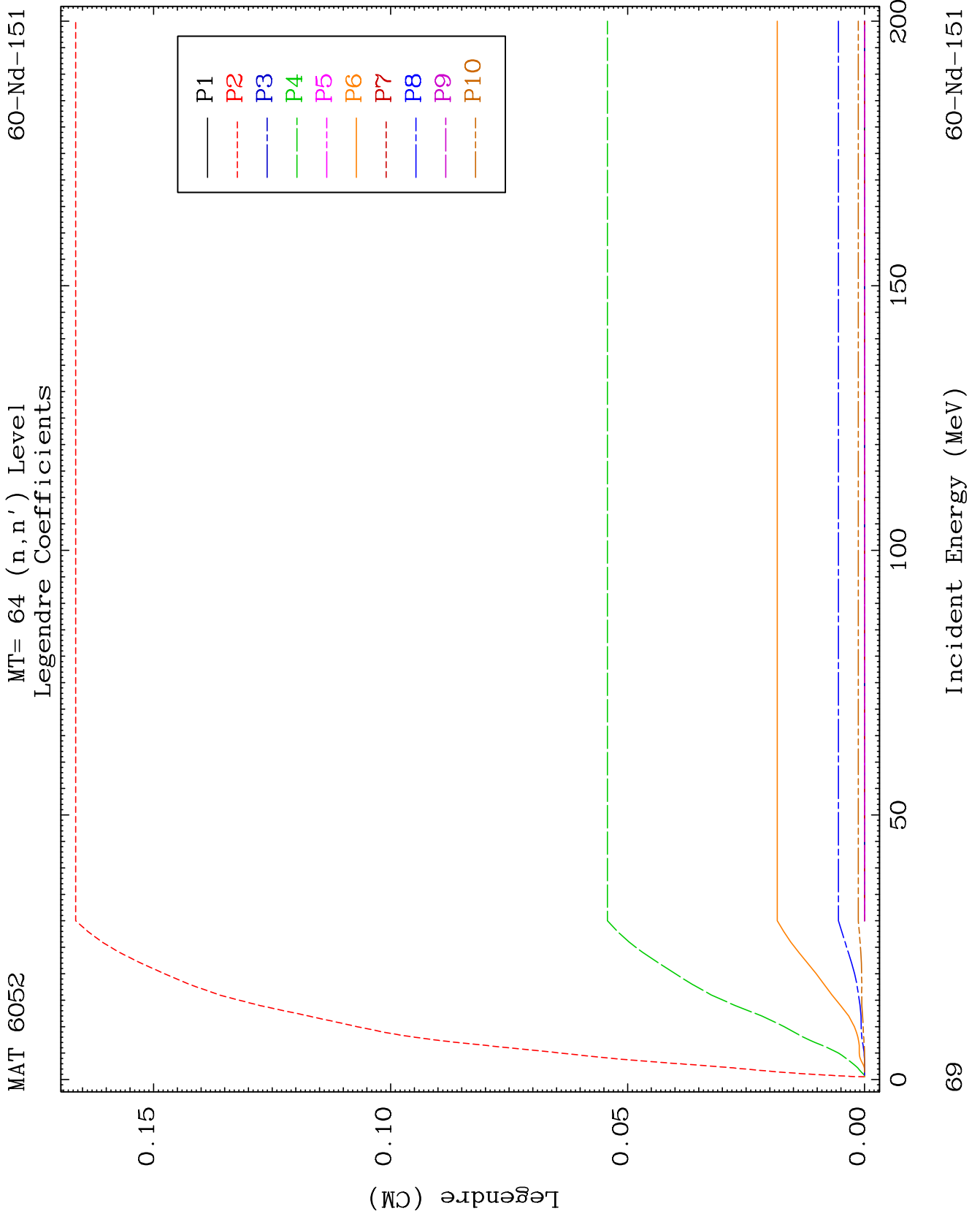
60-Nd-151



67

60-Nd-151

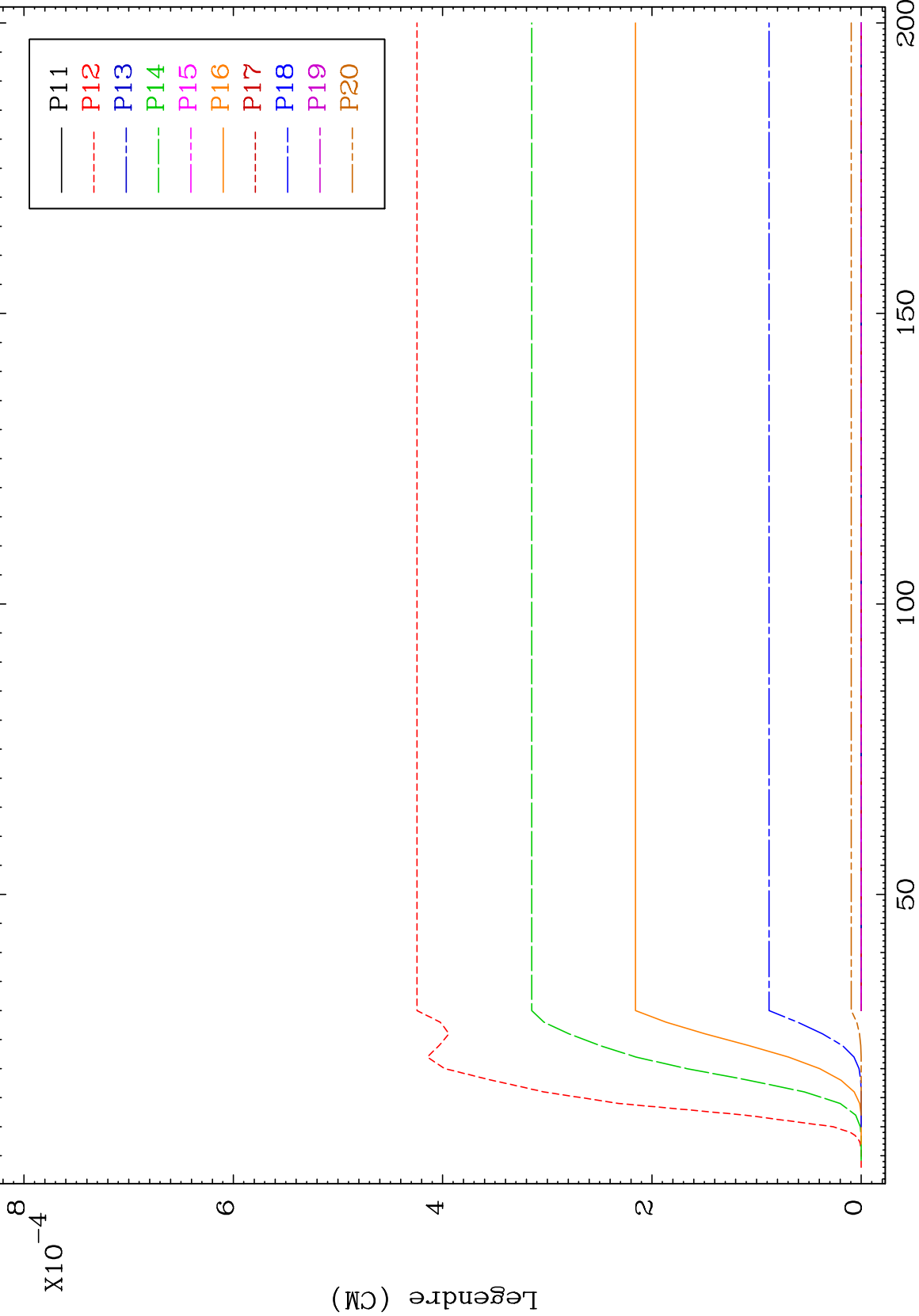




MAT 6052

MT= 64 (n,n') Level
Legendre Coefficients

60-Nd-151



70

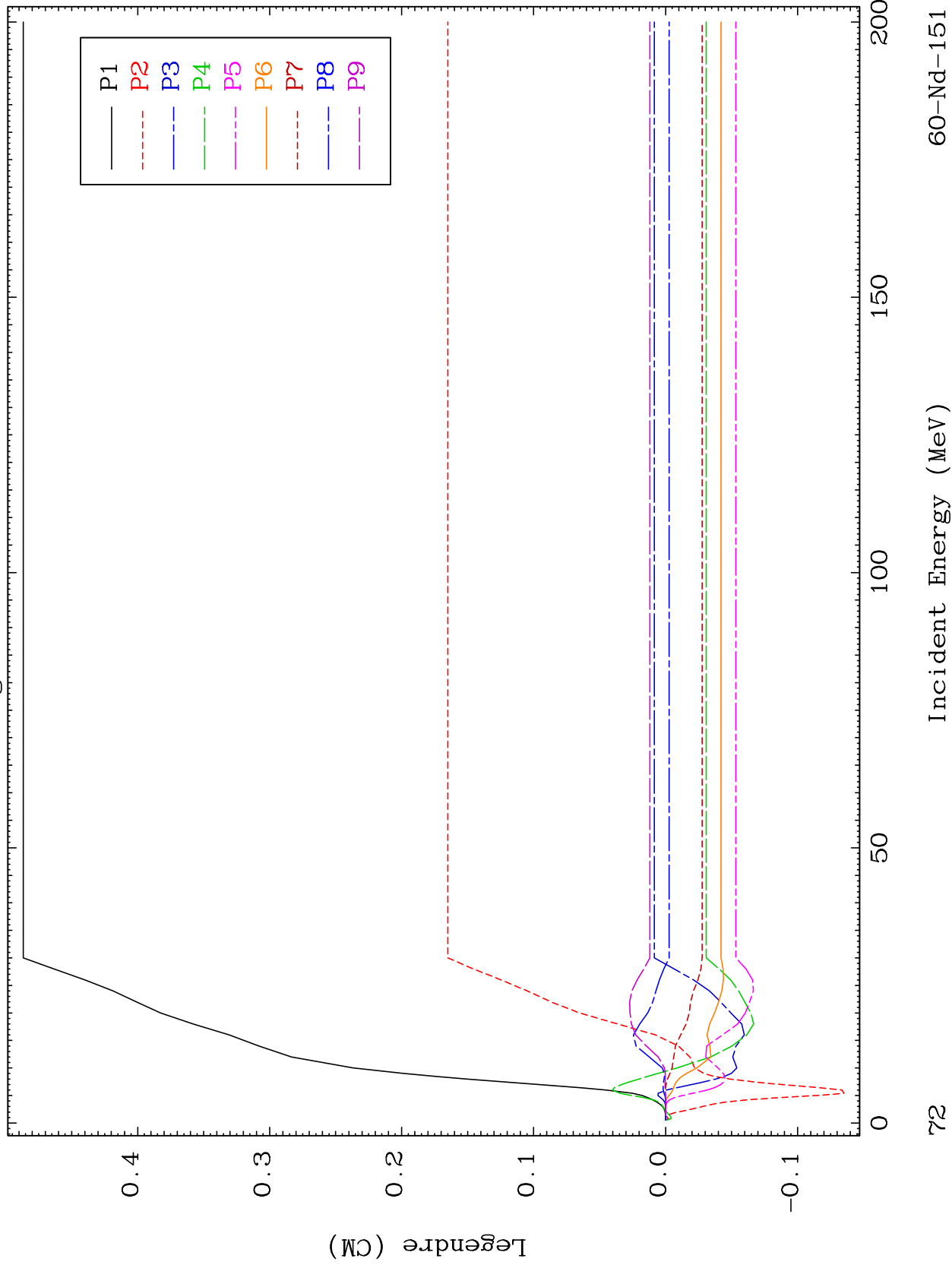
Incident Energy (MeV)

60-Nd-151

MAT 6052

MT= 65 (n,n') Level
Legendre Coefficients

60-Nd-151



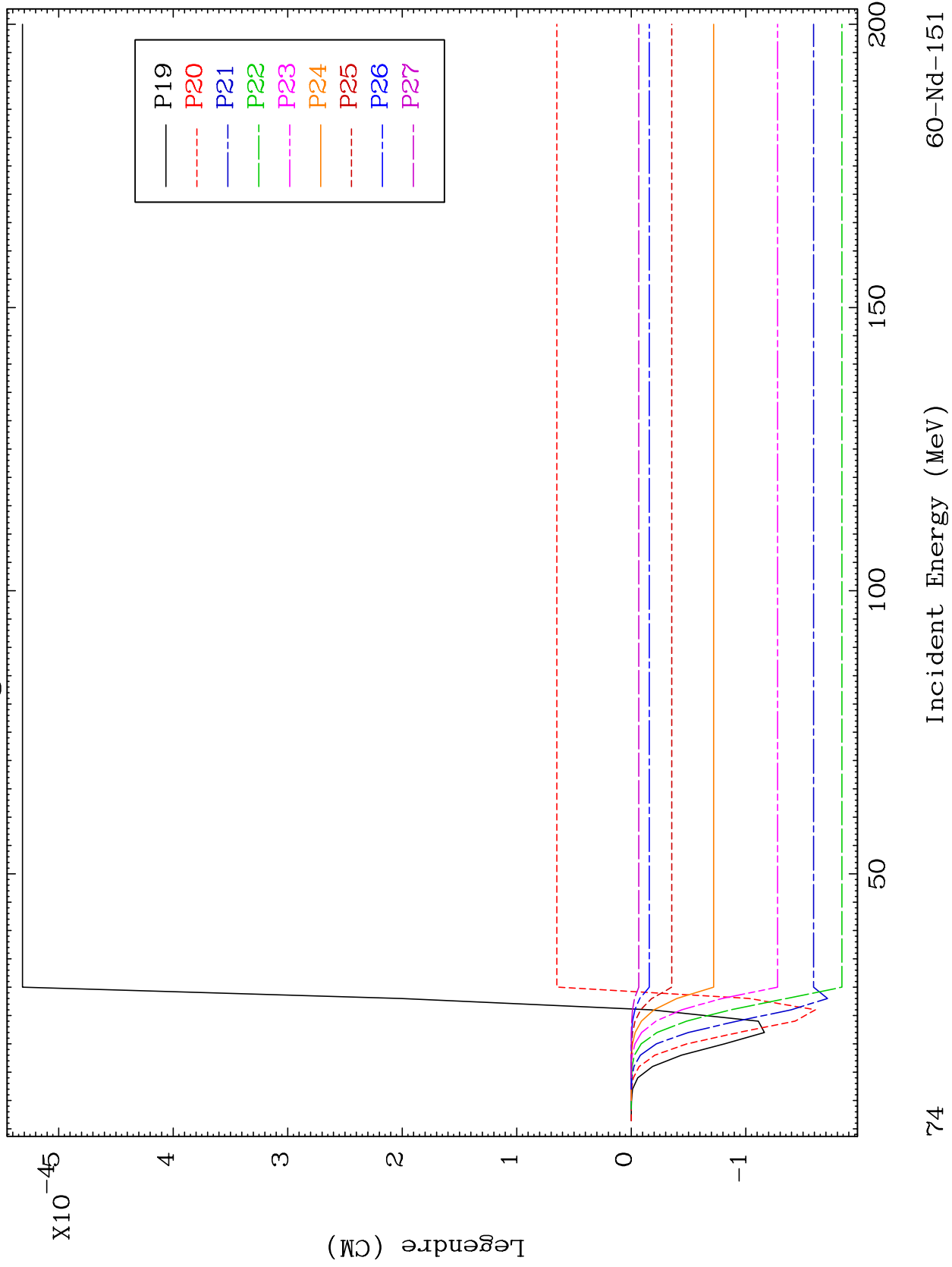
72

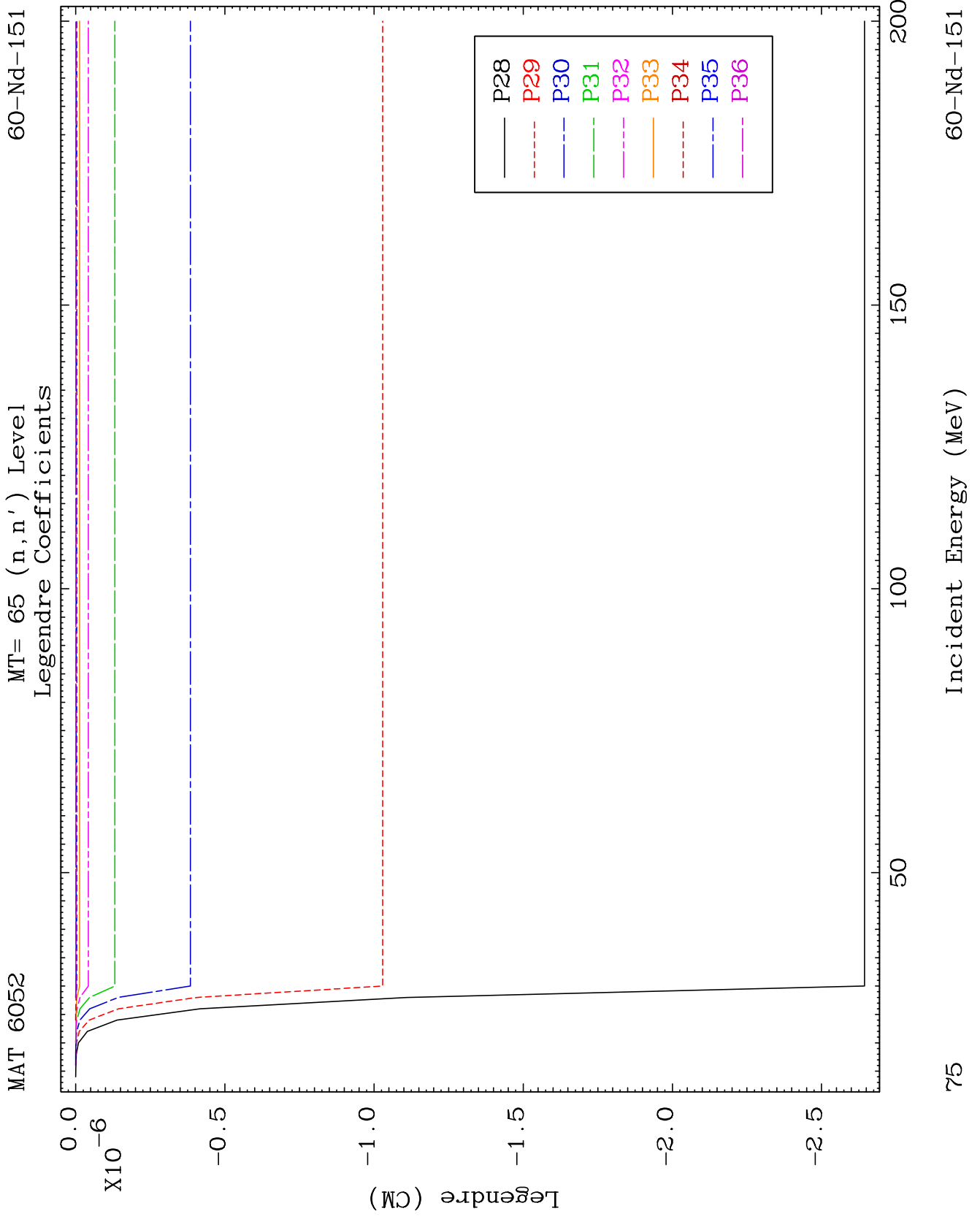
60-Nd-151

MAT 6052

MT= 65 (n,n') Level
Legendre Coefficients

60-Nd-151

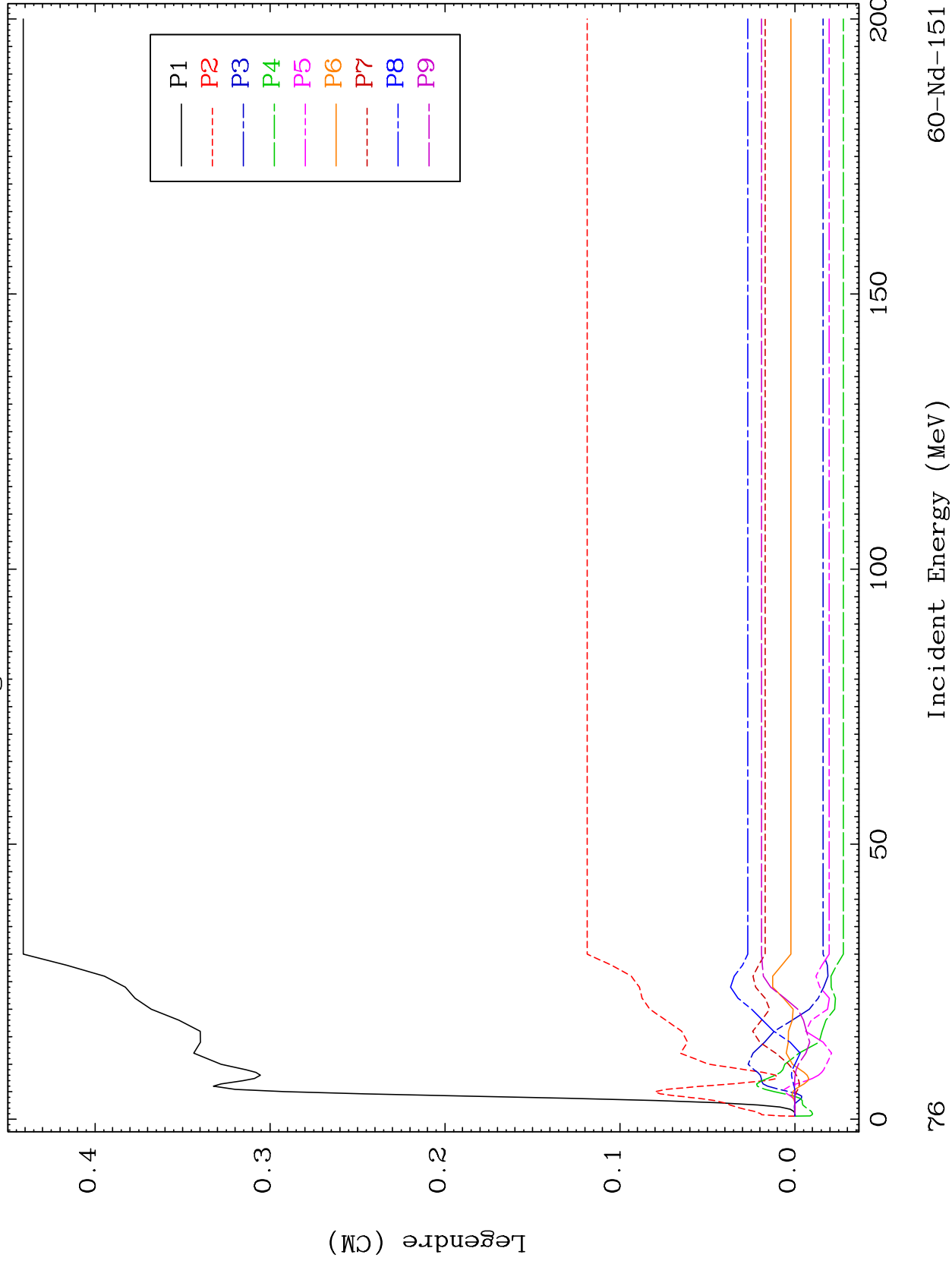




MAT 6052

MT= 66 (n,n') Level
Legendre Coefficients

60-Nd-151



76

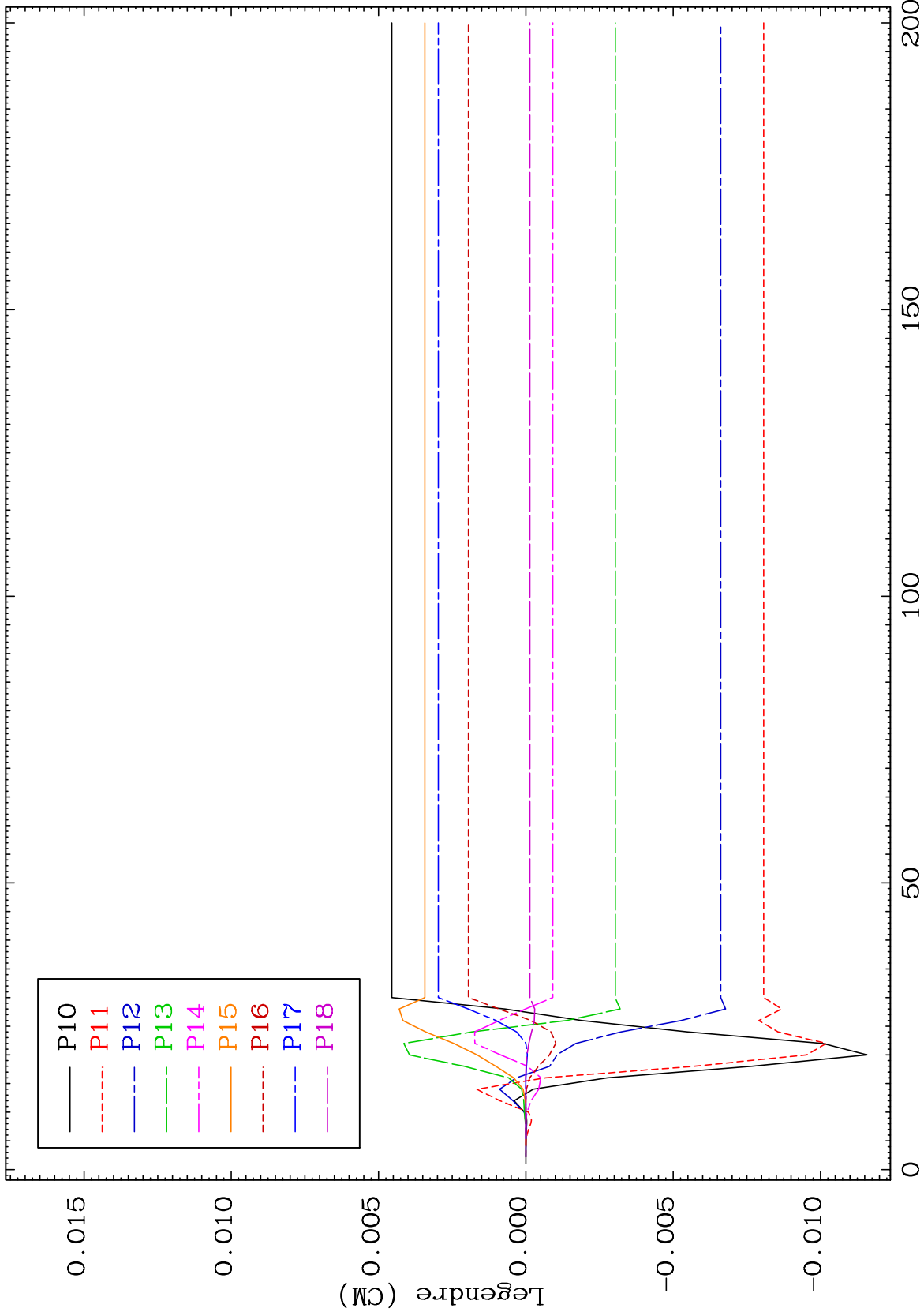
Incident Energy (MeV)

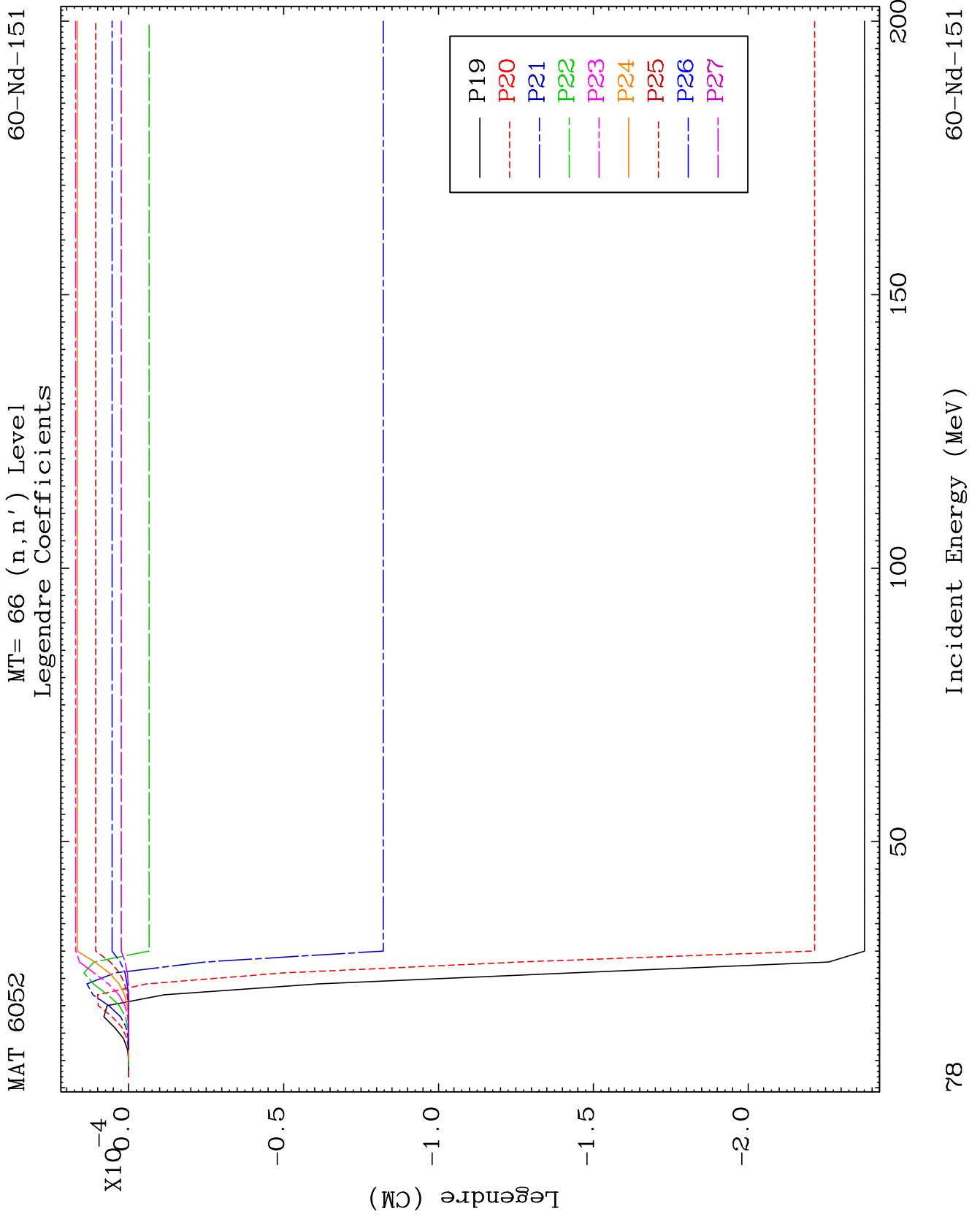
60-Nd-151

MAT 6052

MT= 66 (n,n') Level
Legendre Coefficients

60-Nd-151

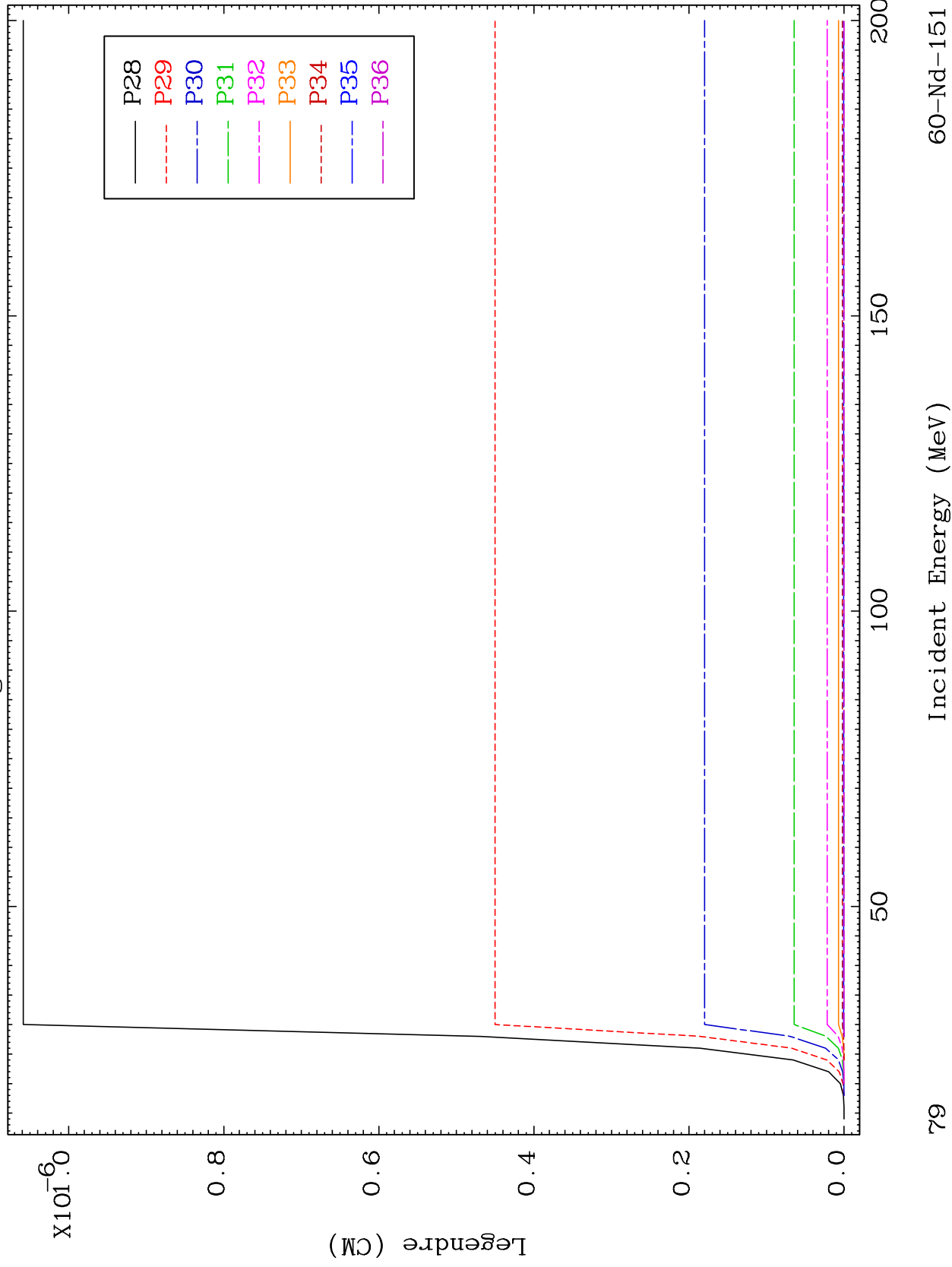




MAT 6052

MT= 66 (n,n') Level
Legendre Coefficients

60-Nd-151



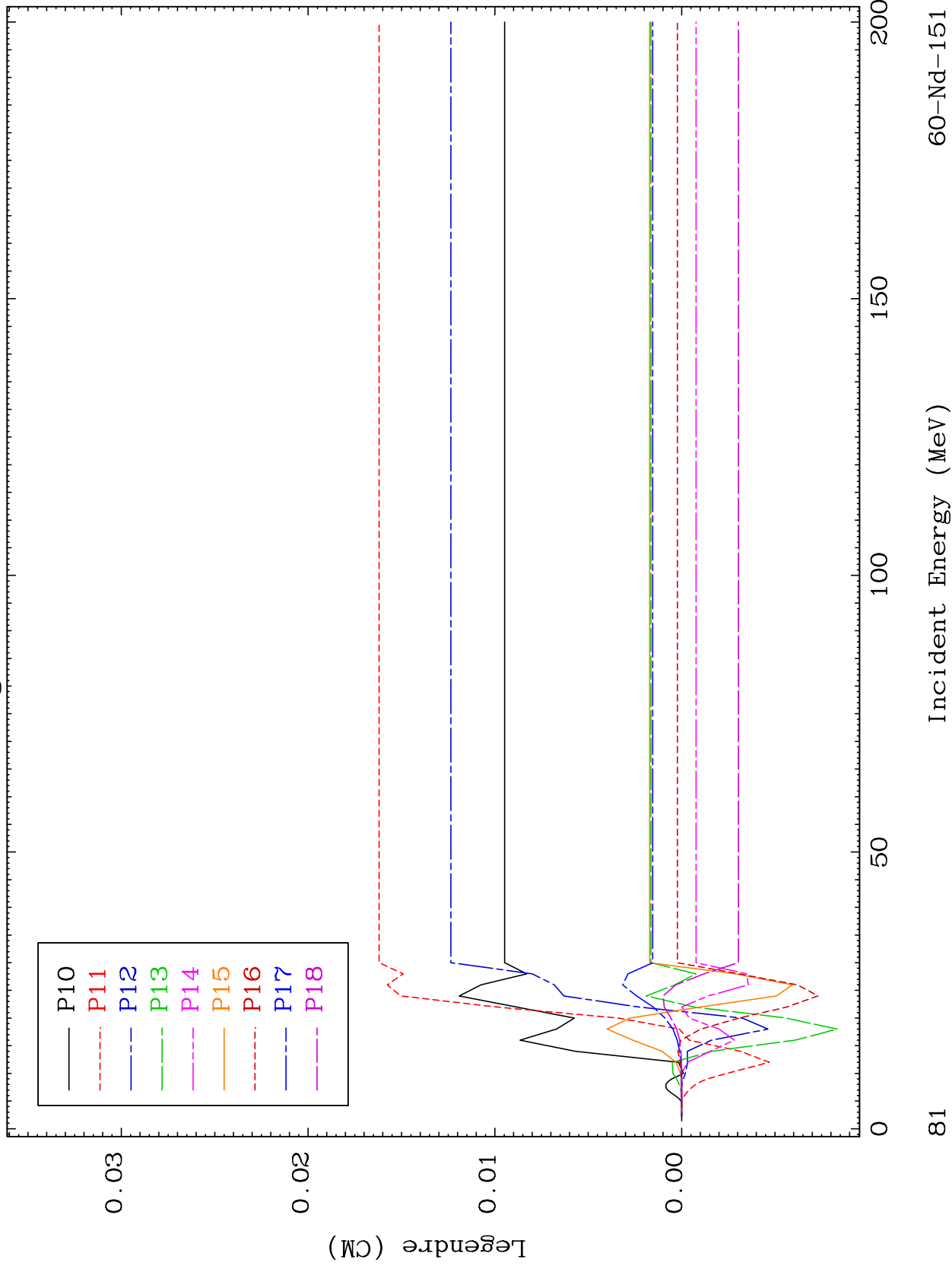
79

60-Nd-151

MAT 6052

MT= 67 (n,n') Level
Legendre Coefficients

60-Nd-151



81

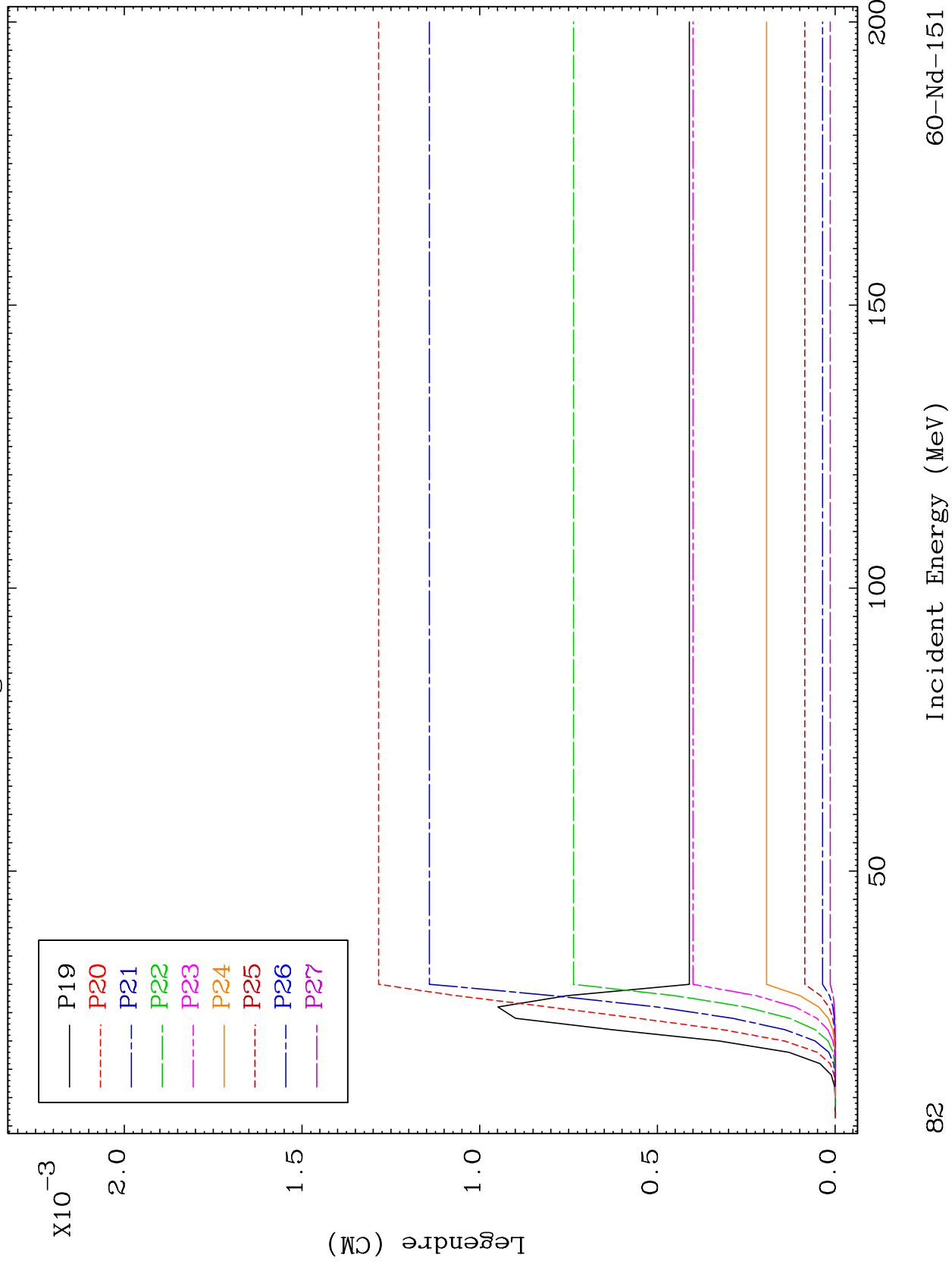
Incident Energy (MeV)

60-Nd-151

MAT 6052

MT= 67 (n,n') Level
Legendre Coefficients

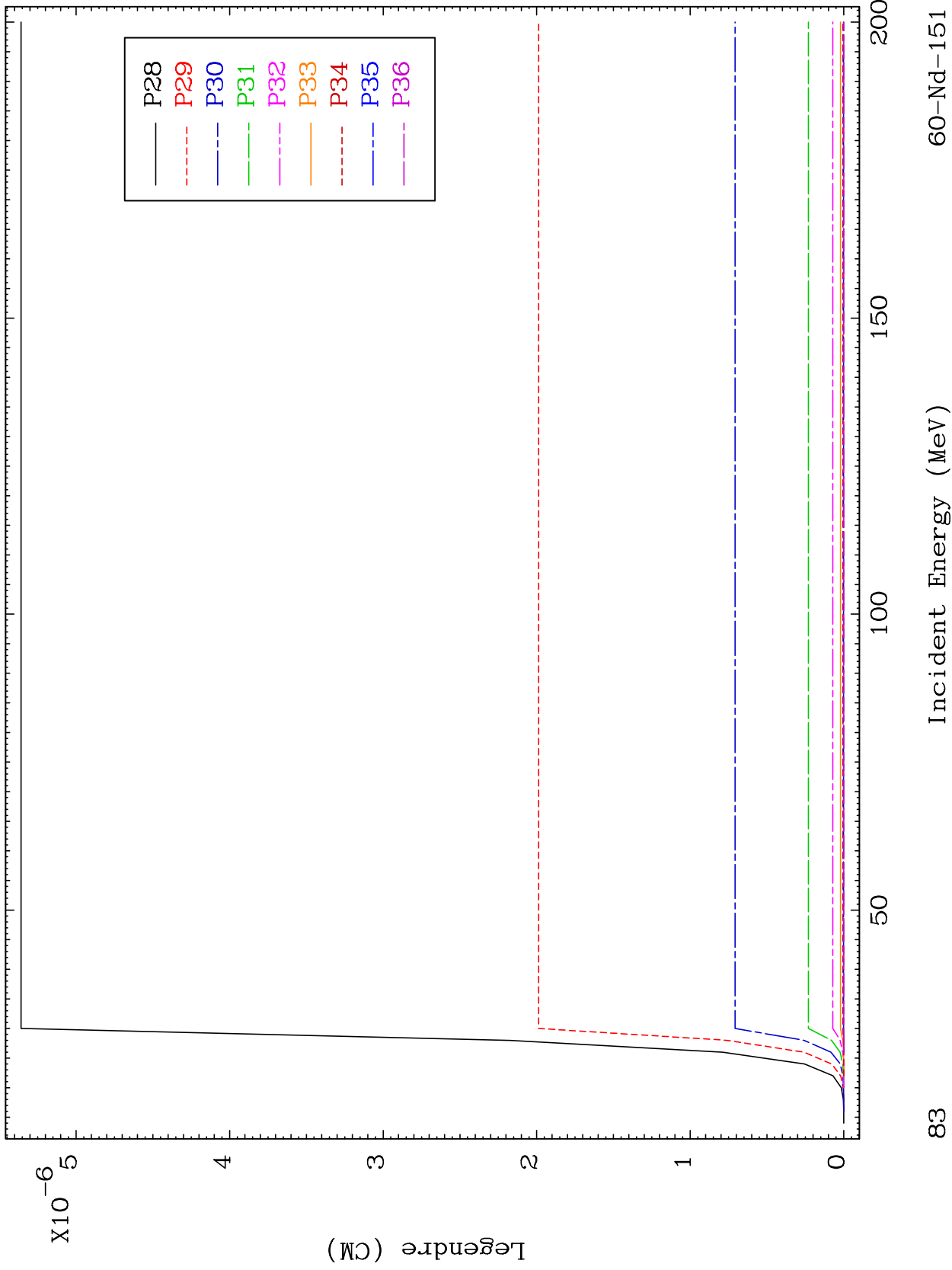
60-Nd-151

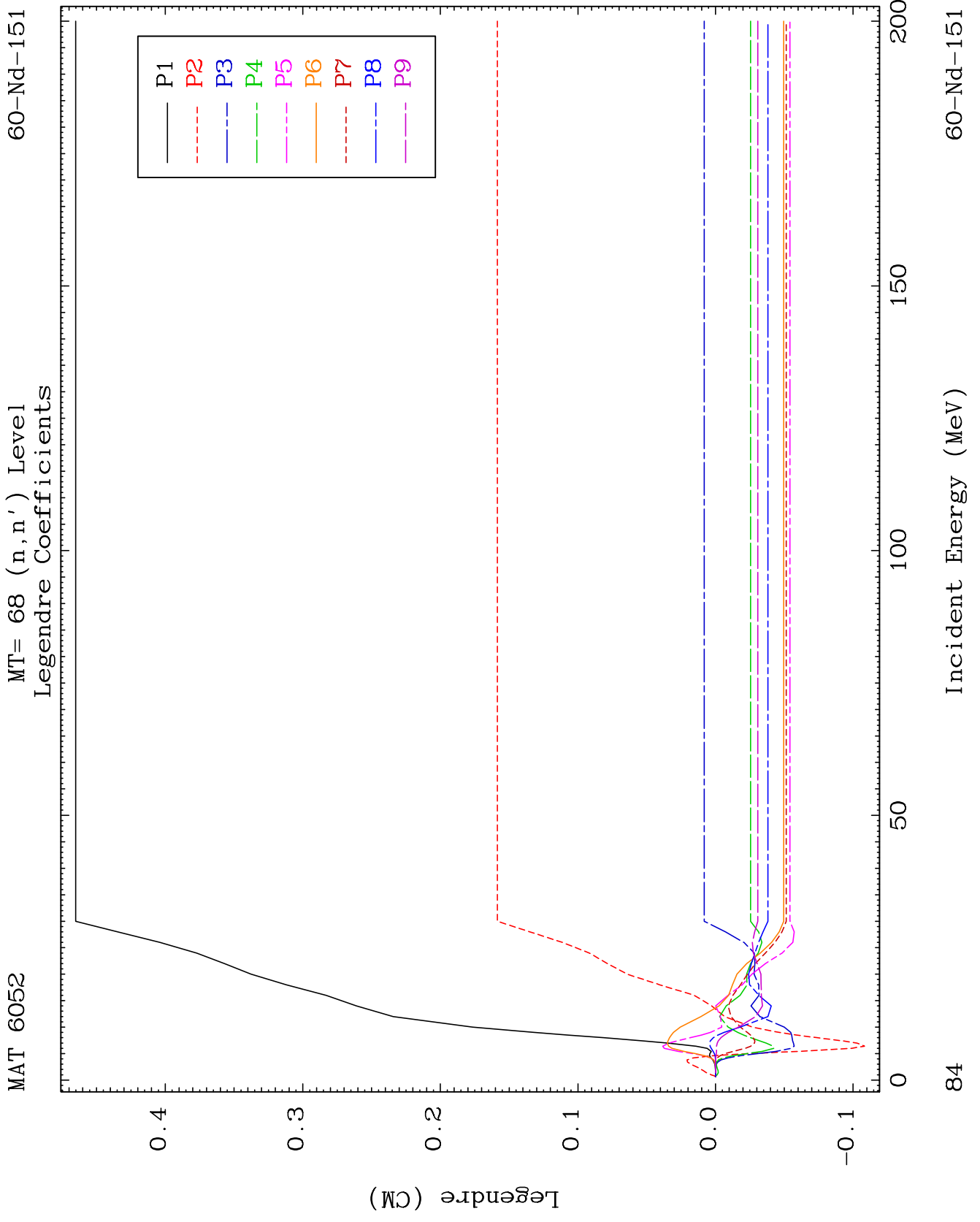


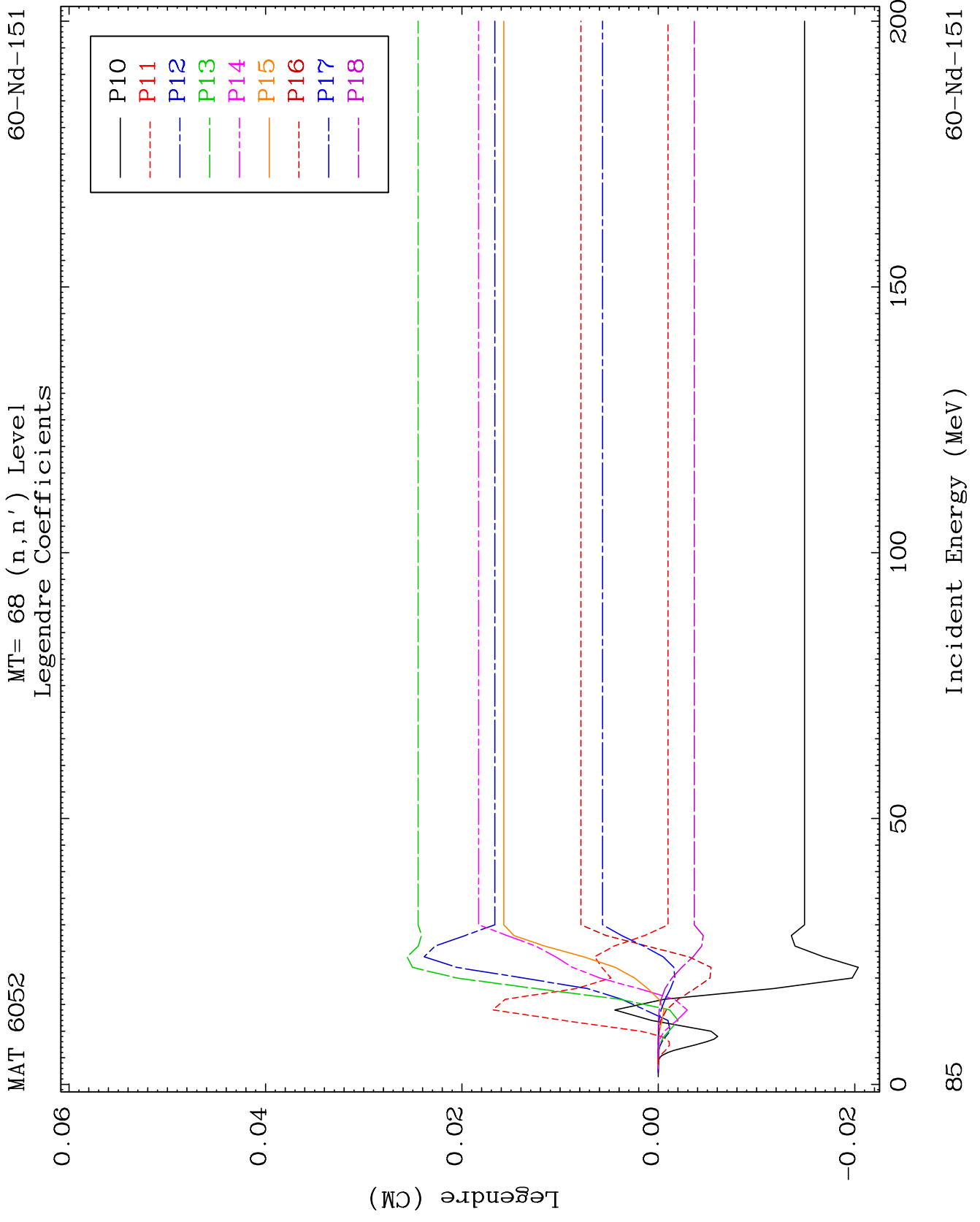
MAT 6052

MT= 67 (n,n') Level
Legendre Coefficients

60-Nd-151



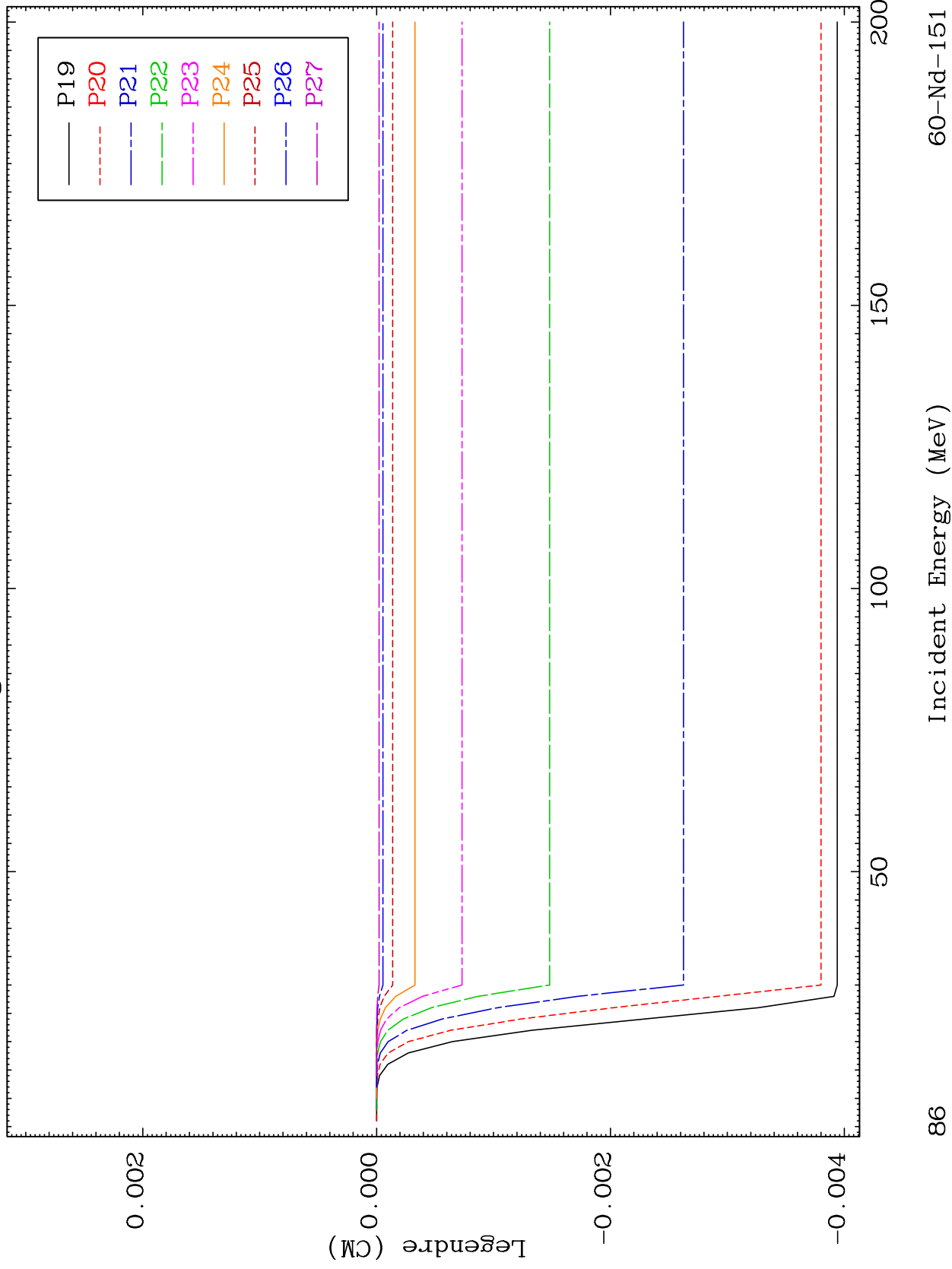




MAT 6052

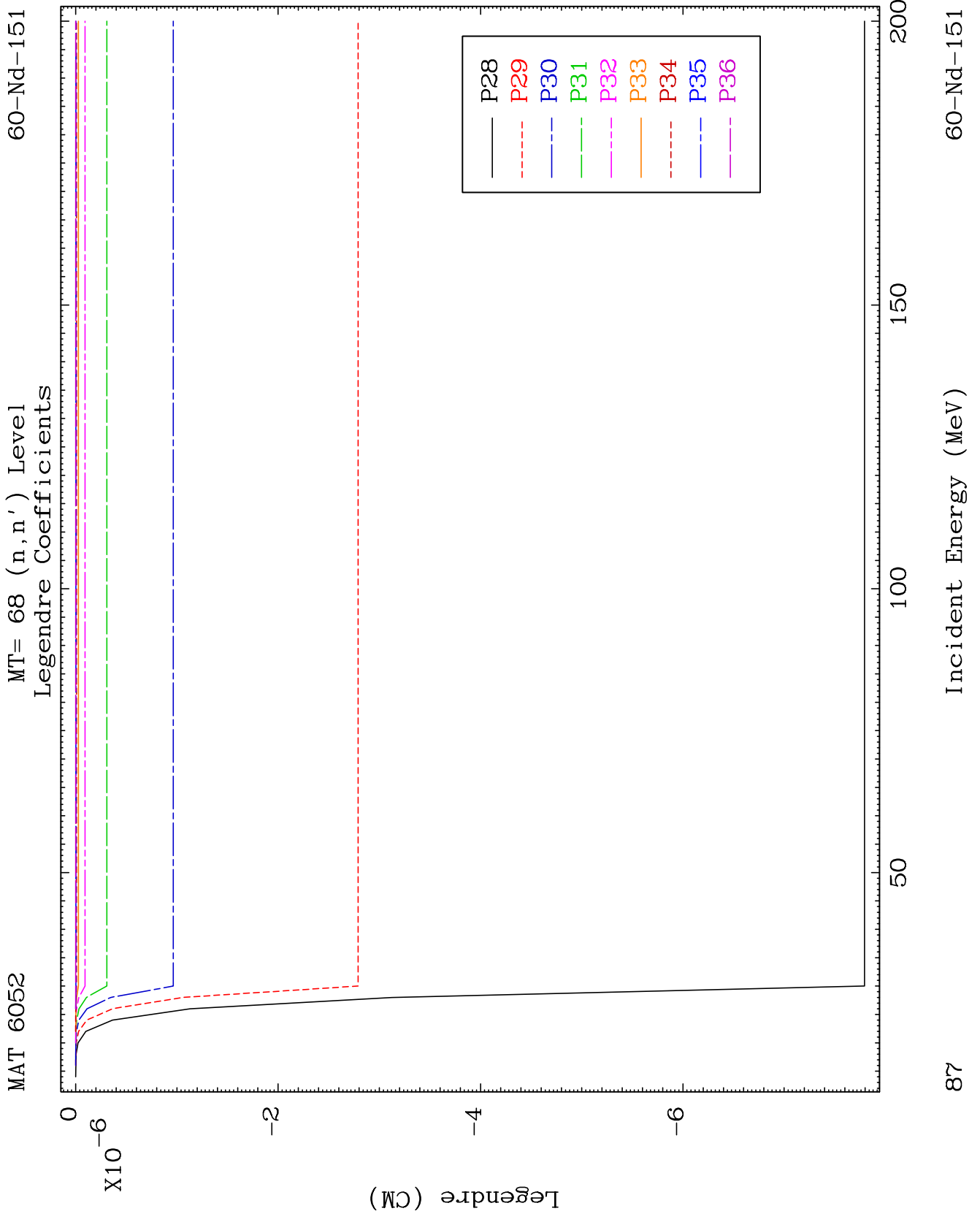
MT= 68 (n,n') Level
Legendre Coefficients

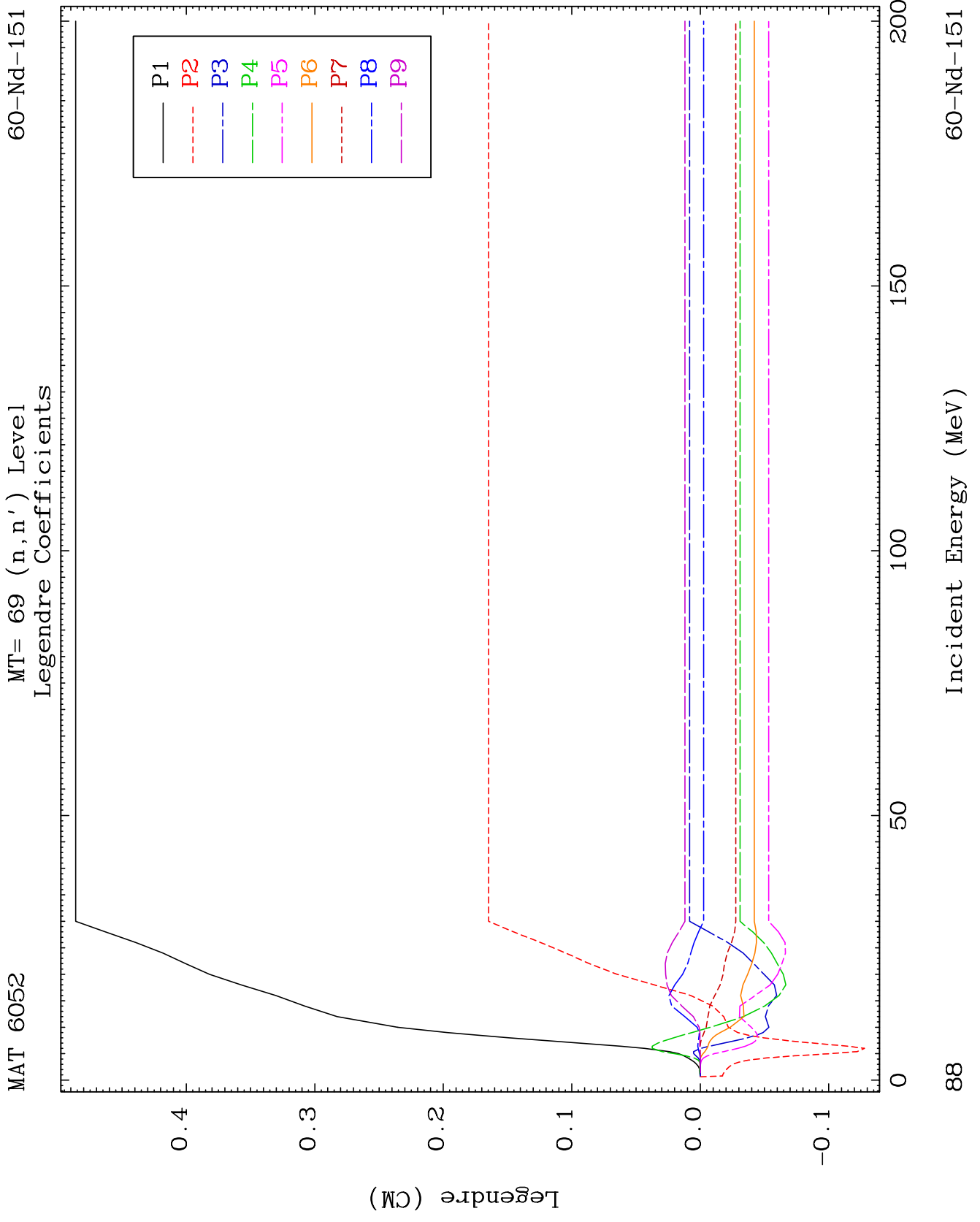
60-Nd-151



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60-Nd-151

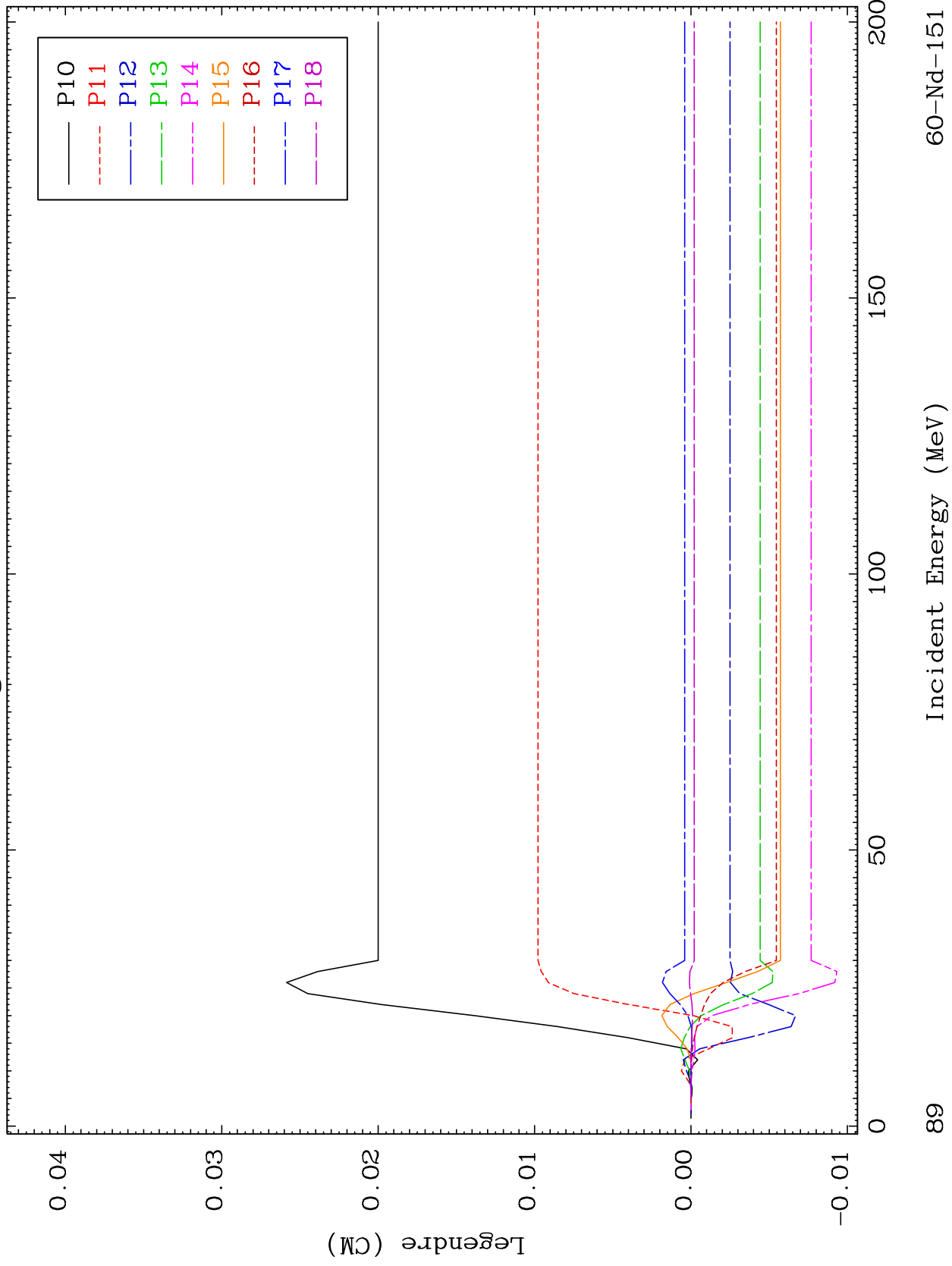




MAT 6052

MT= 69 (n,n') Level
Legendre Coefficients

60-Nd-151



60-Nd-151

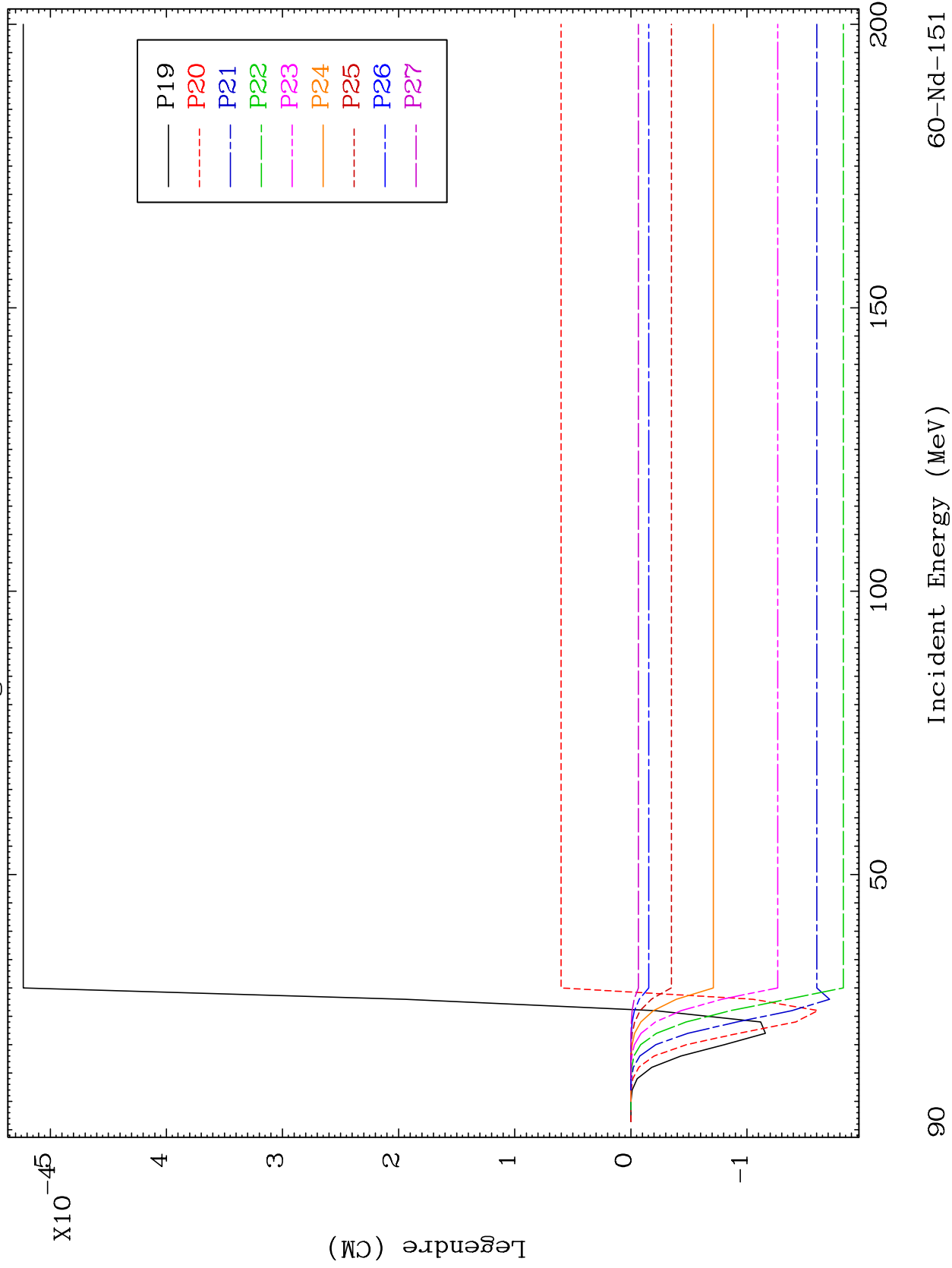
Incident Energy (MeV)

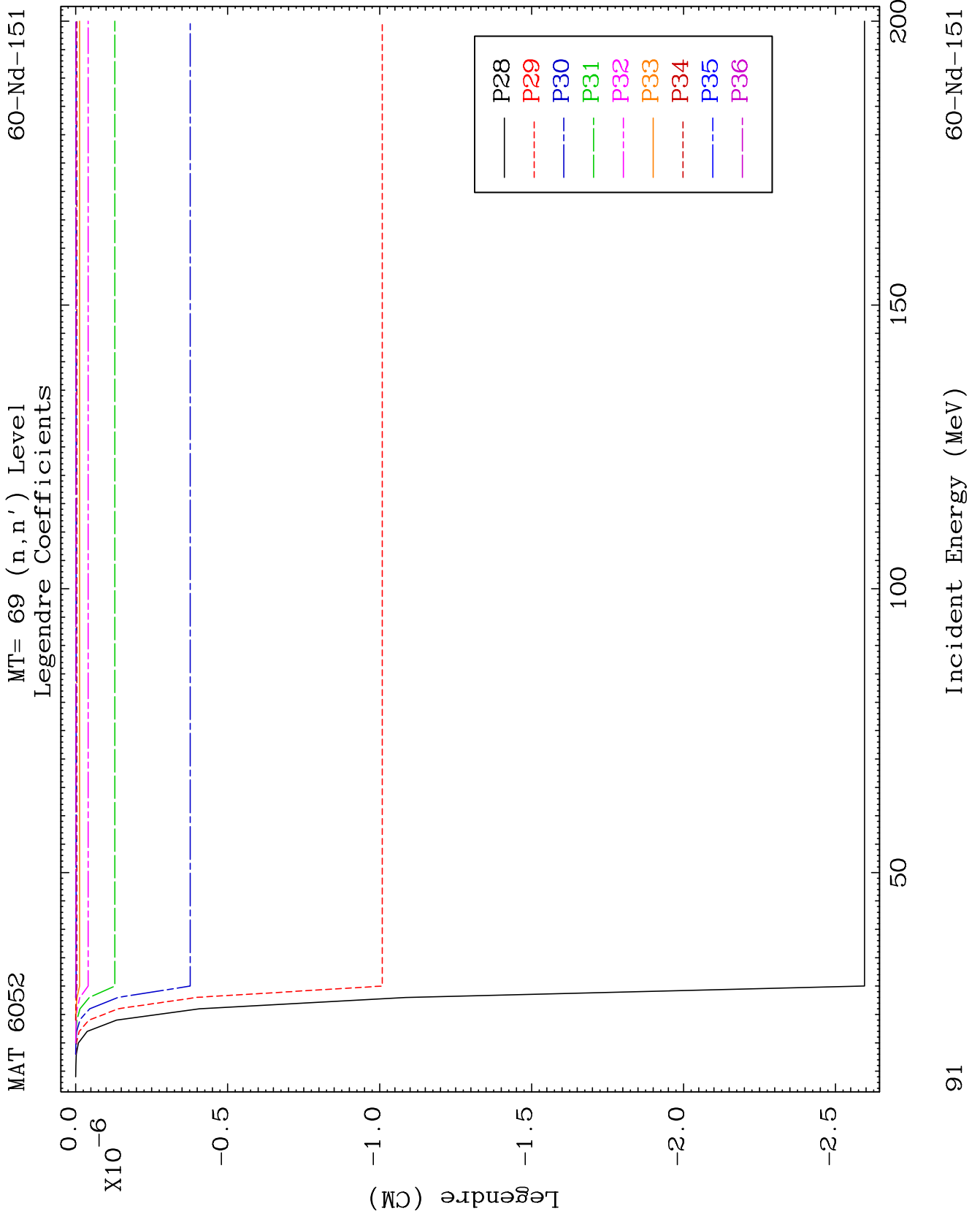
89

MAT 6052

MT= 69 (n,n') Level
Legendre Coefficients

60-Nd-151

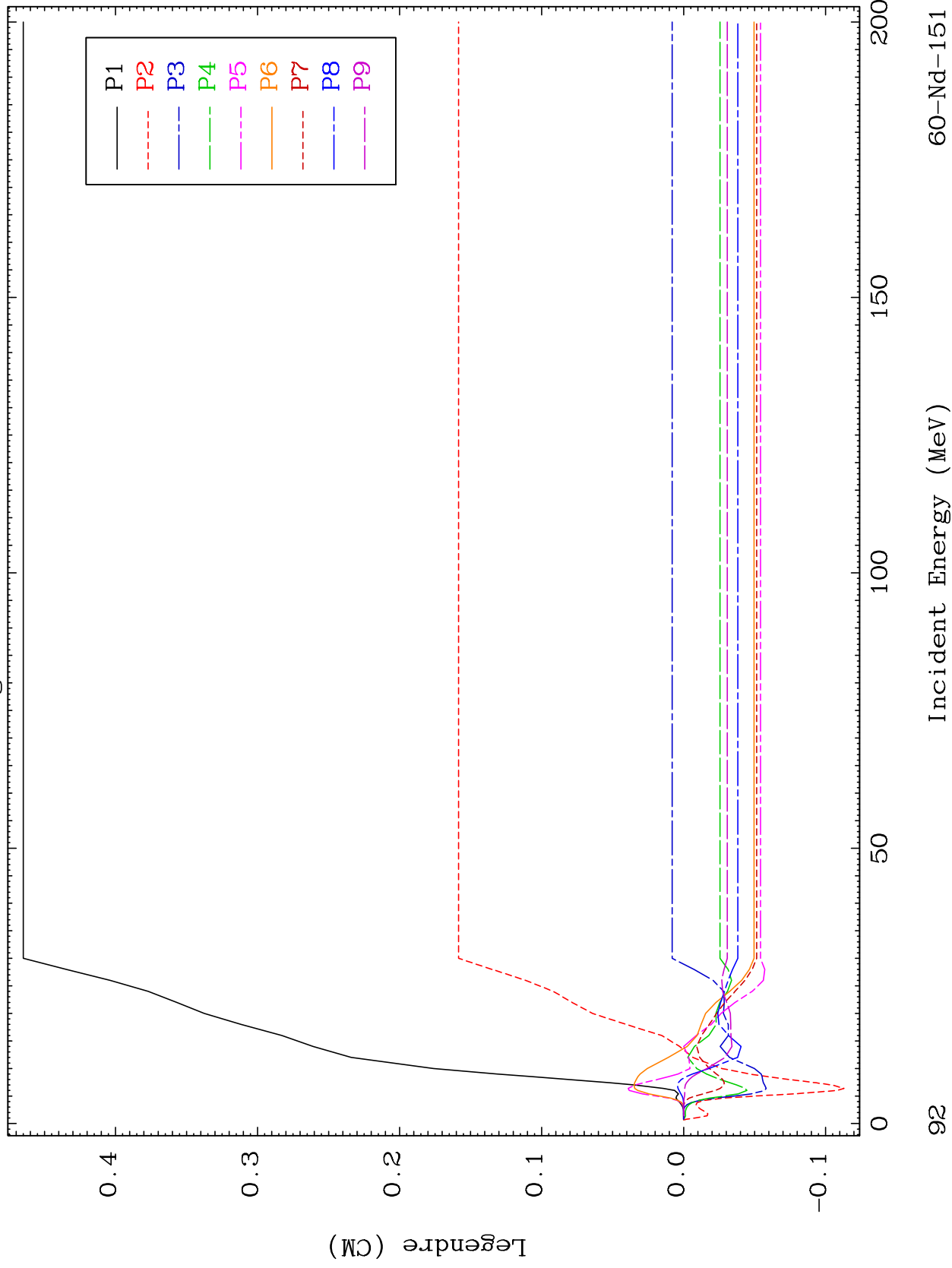




MAT 6052

MT= 70 (n,n') Level
Legendre Coefficients

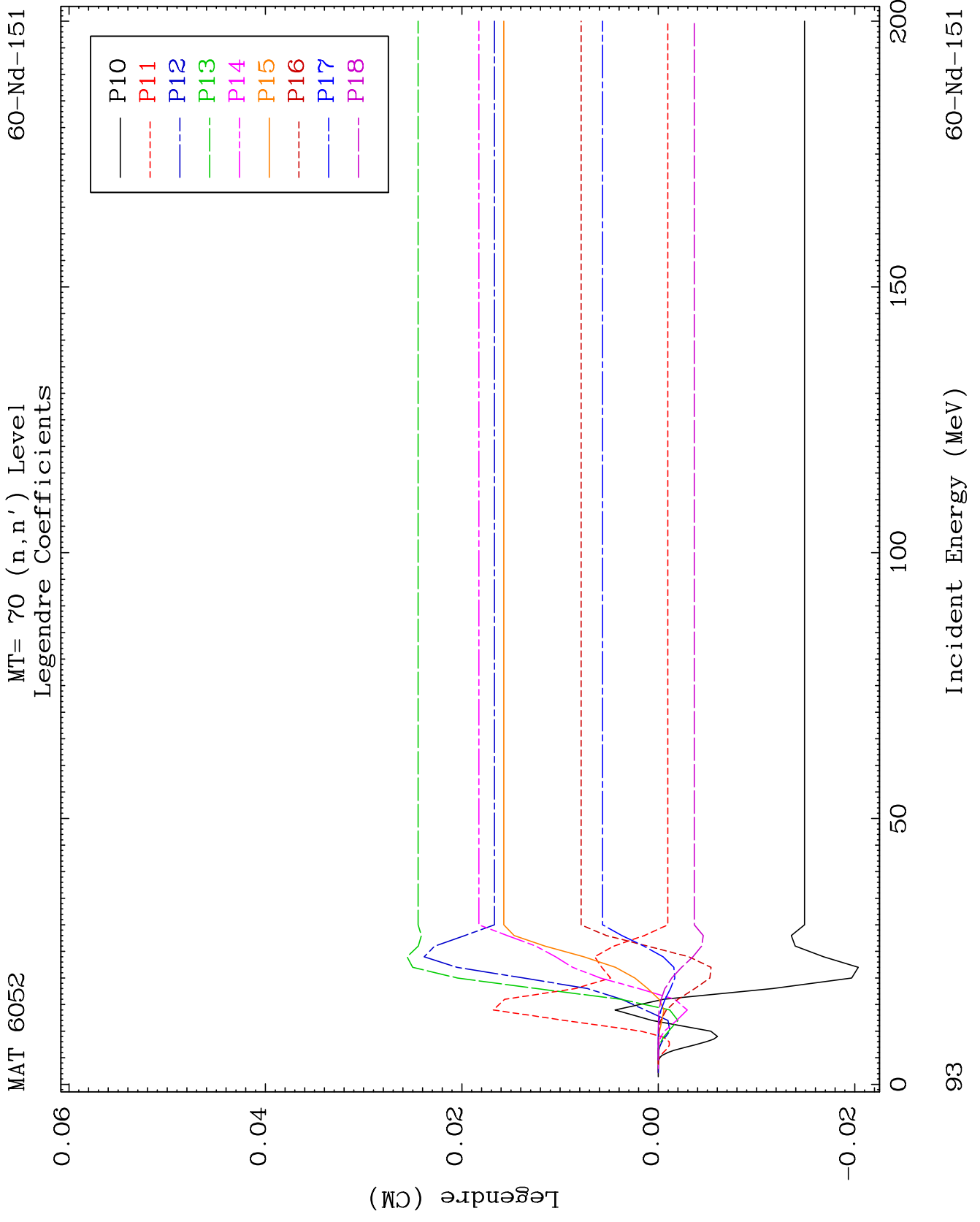
60-Nd-151



60-Nd-151

Incident Energy (MeV)

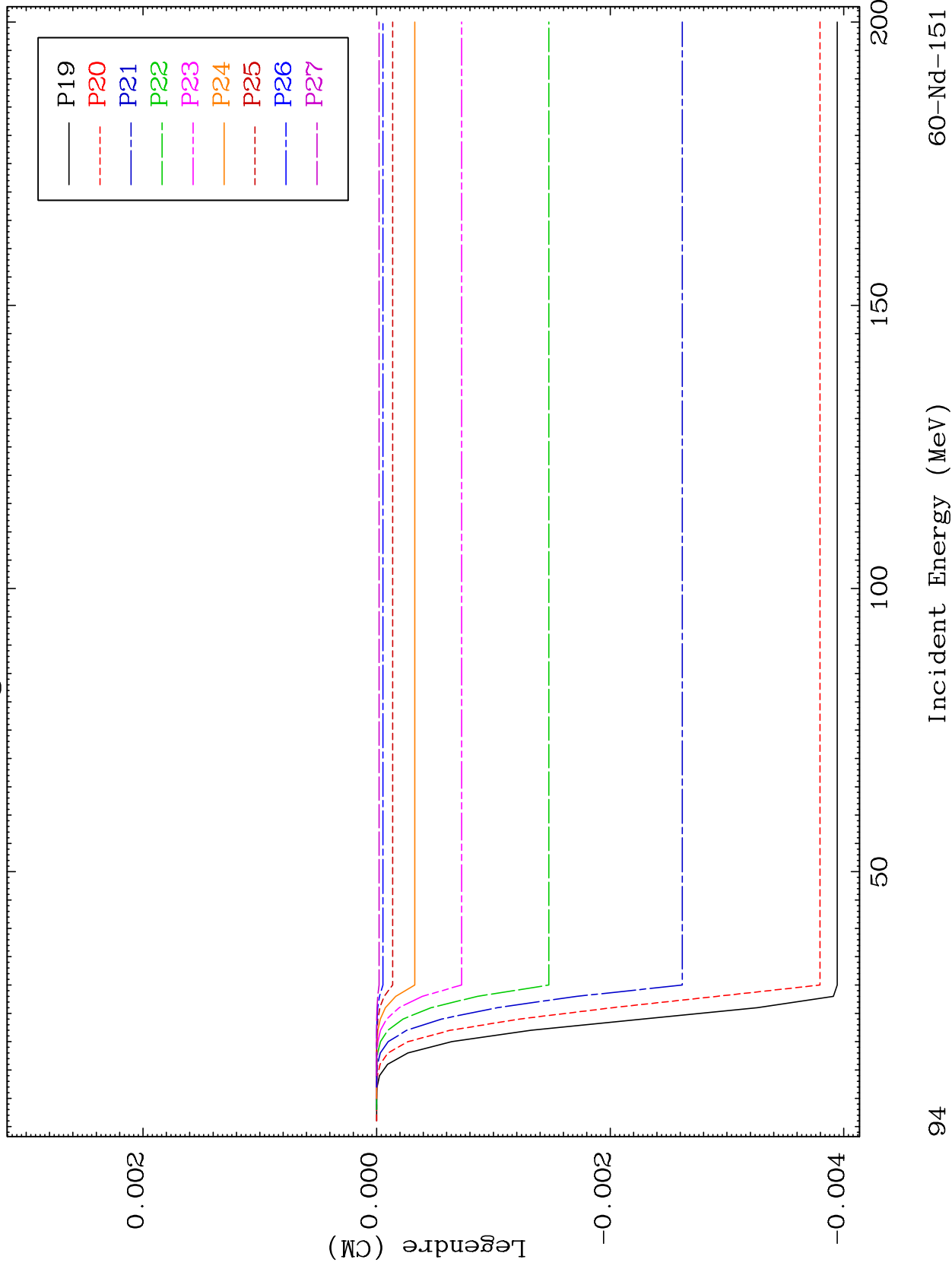
92



MAT 6052

MT= 70 (n,n') Level
Legendre Coefficients

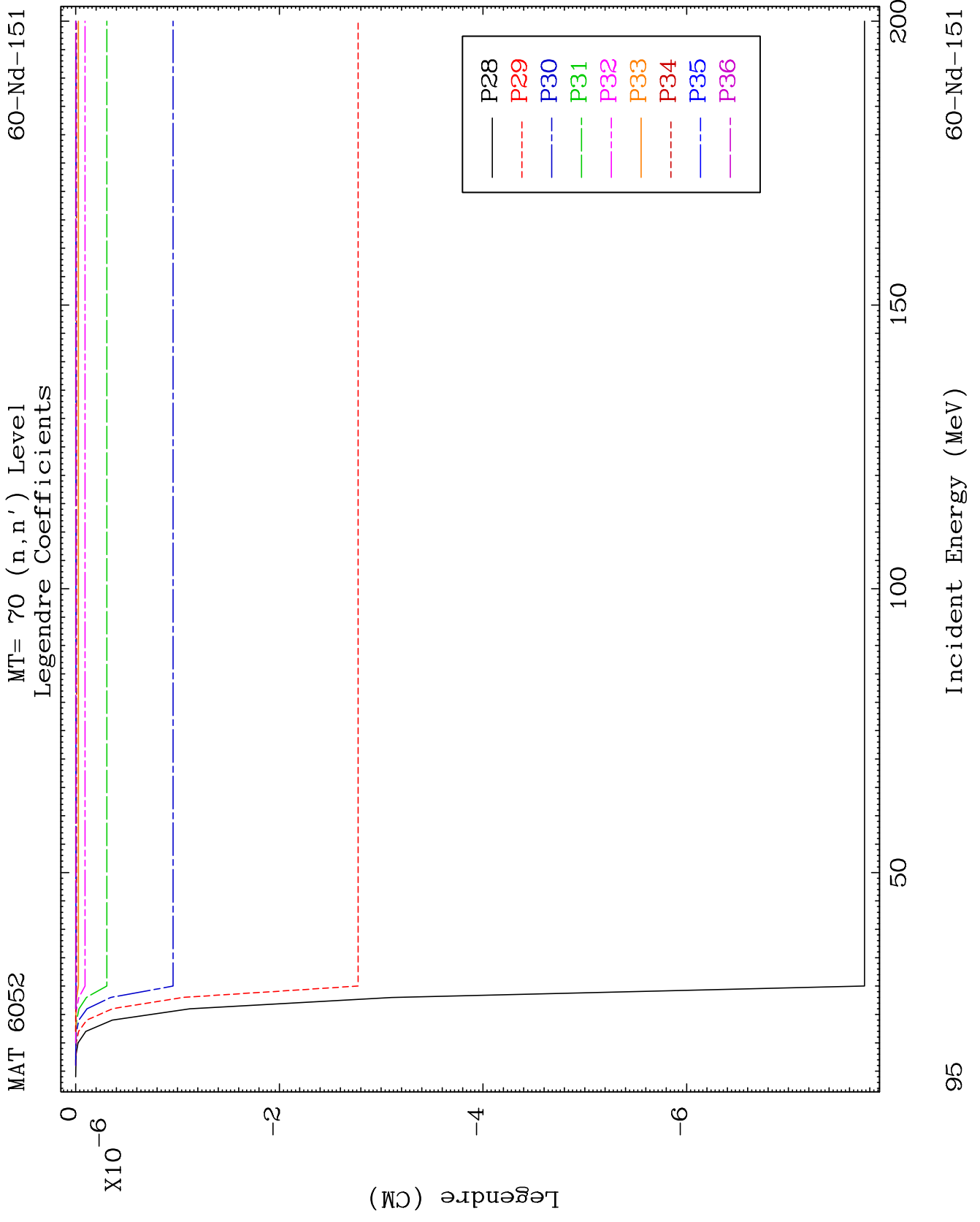
60-Nd-151



94

Incident Energy (MeV)

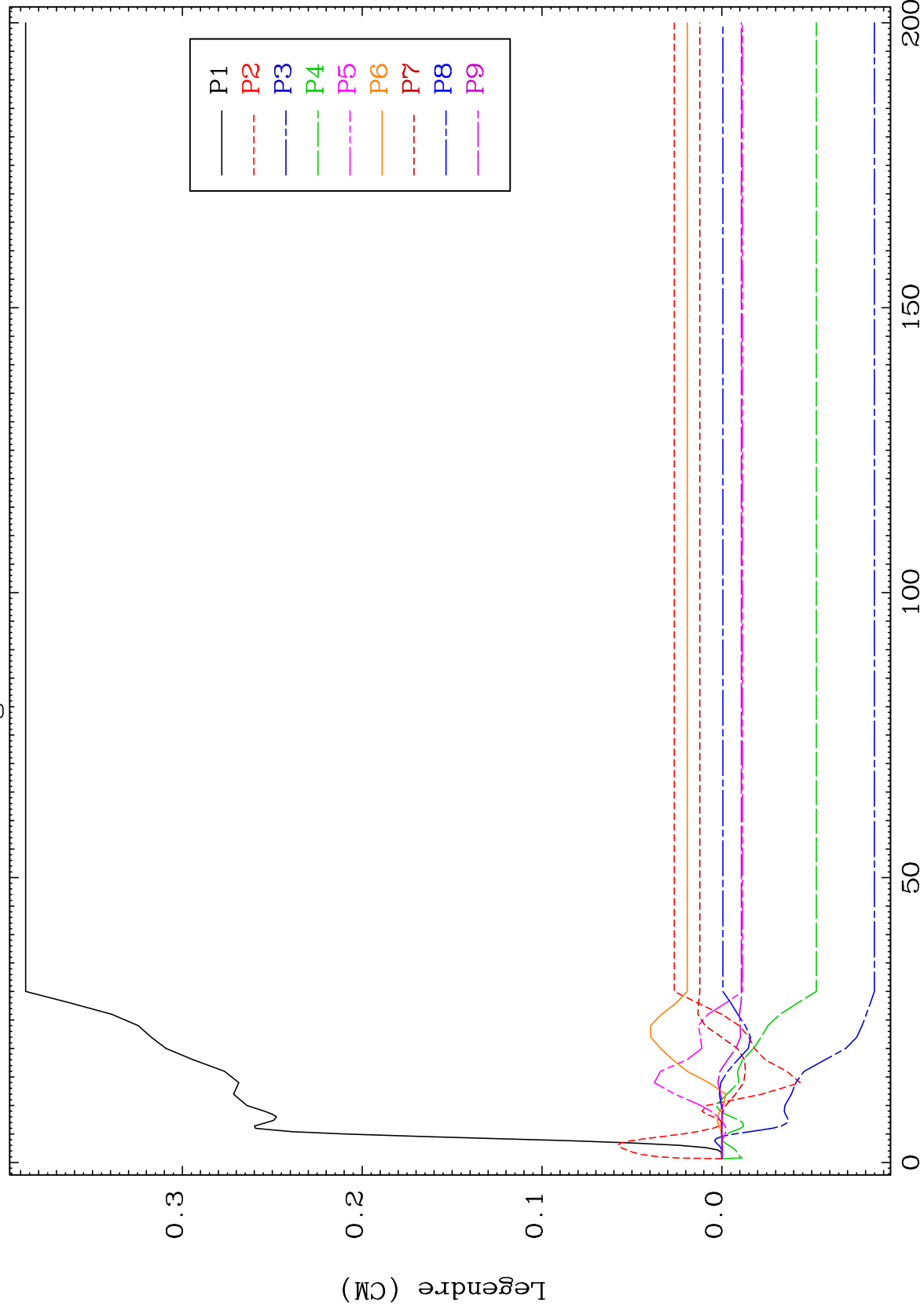
60-Nd-151



MAT 6052

MT= 71 (n,n') Level
Legendre Coefficients

60-Nd-151



96

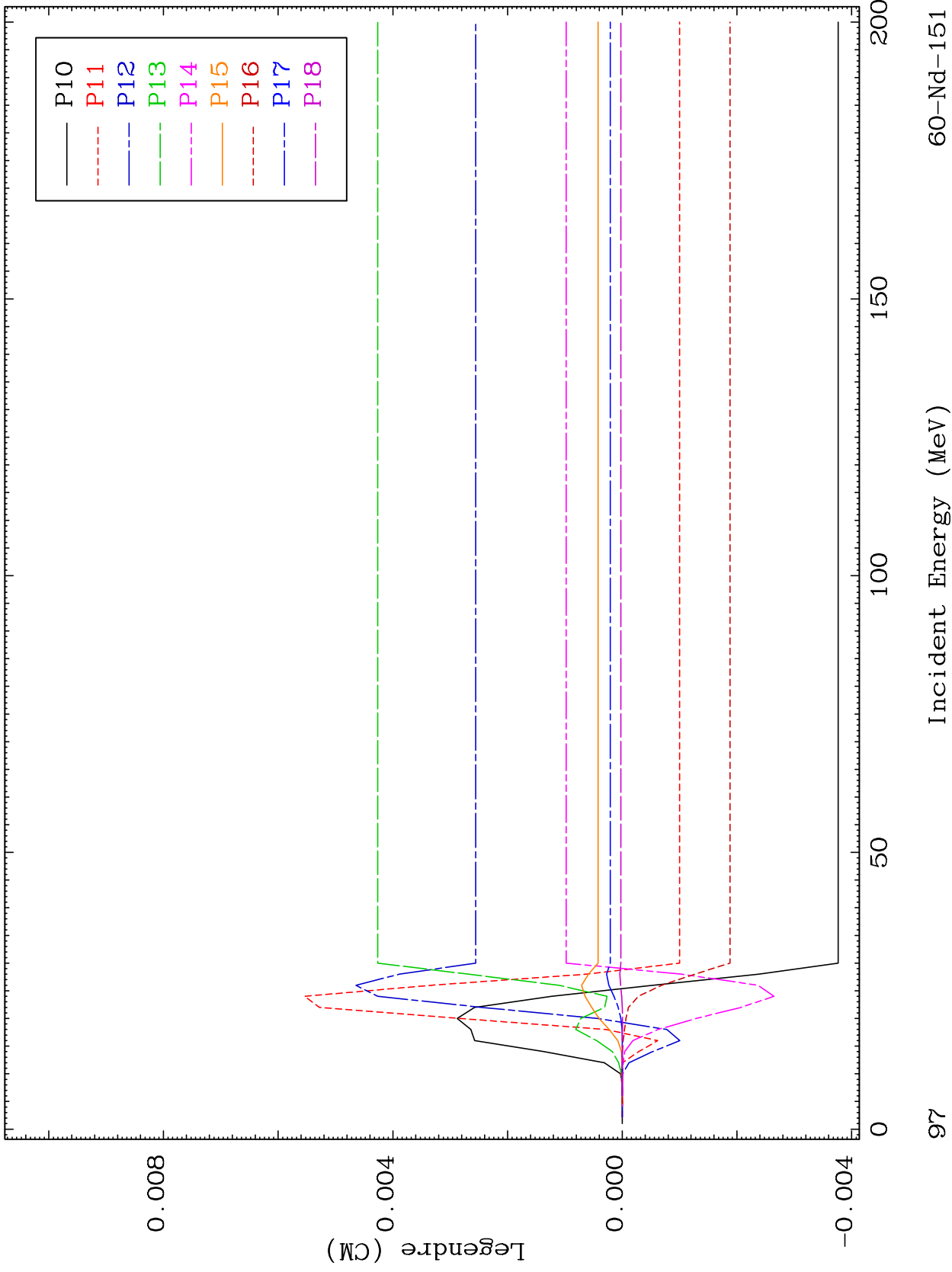
Incident Energy (MeV)

60-Nd-151

MAT 6052

MT= 71 (n,n') Level
Legendre Coefficients

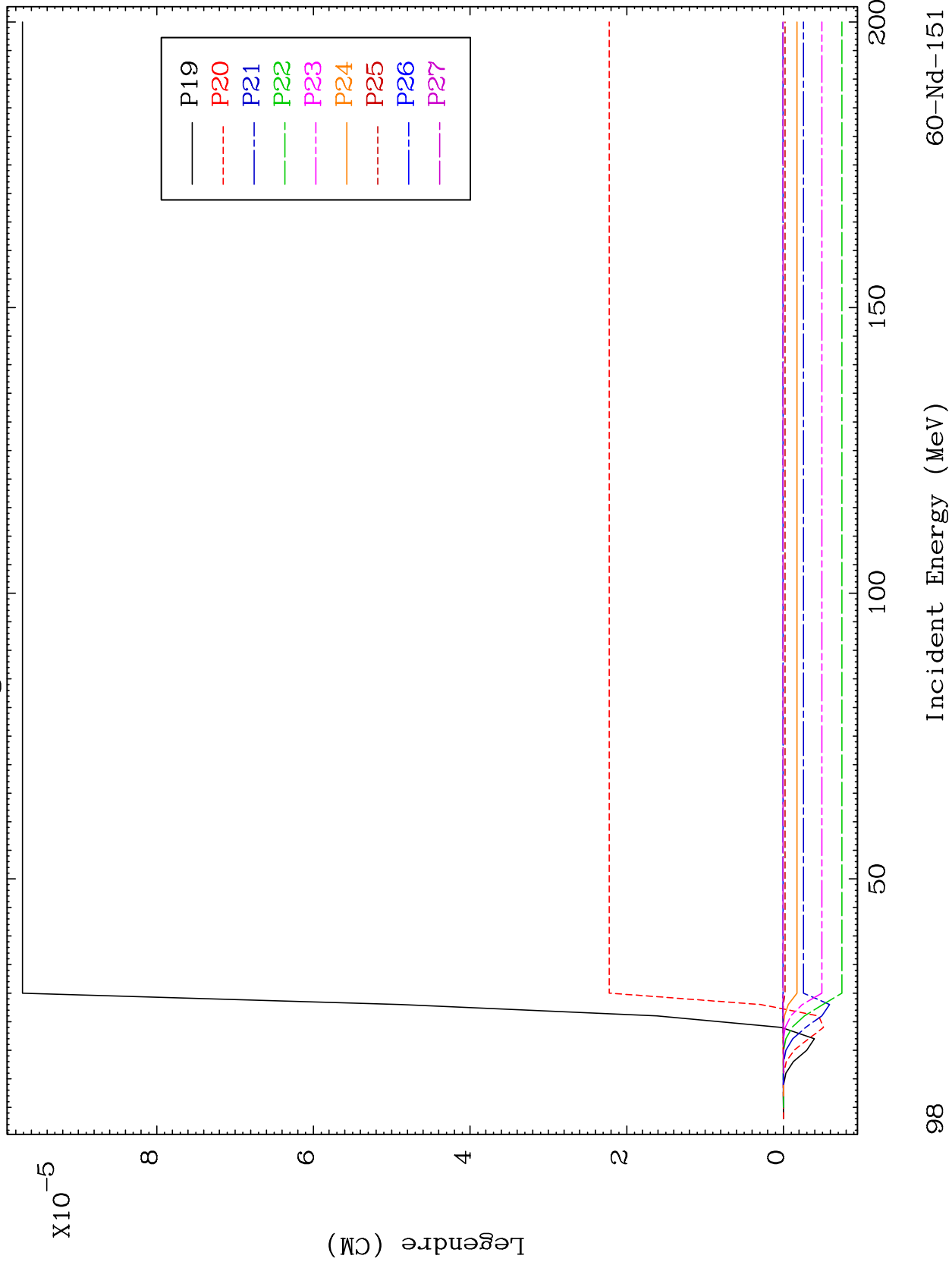
60-Nd-151

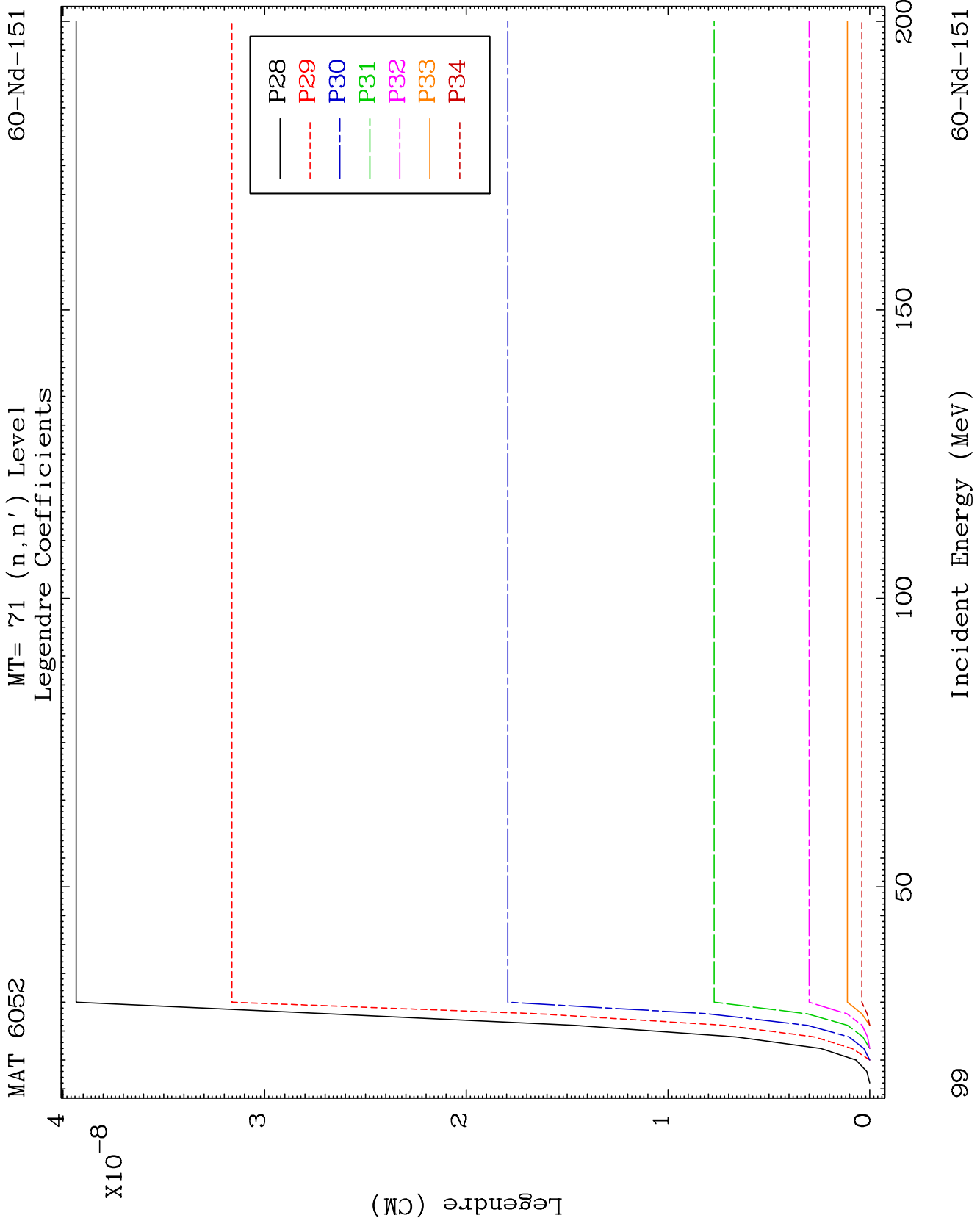


MAT 6052

MT= 71 (n,n') Level
Legendre Coefficients

60-Nd-151

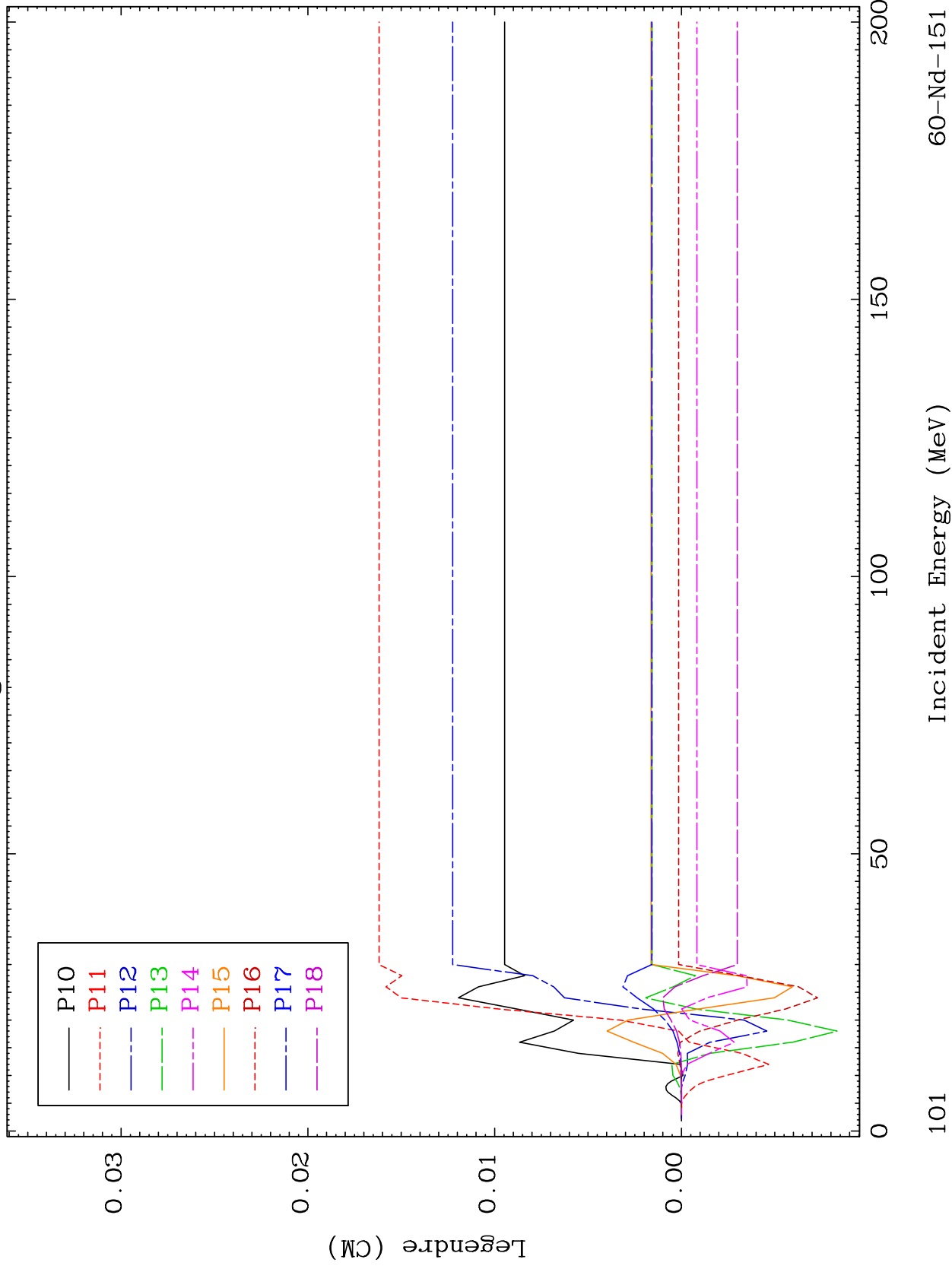




MAT 6052

MT= 72 (n,n') Level
Legendre Coefficients

60-Nd-151



101

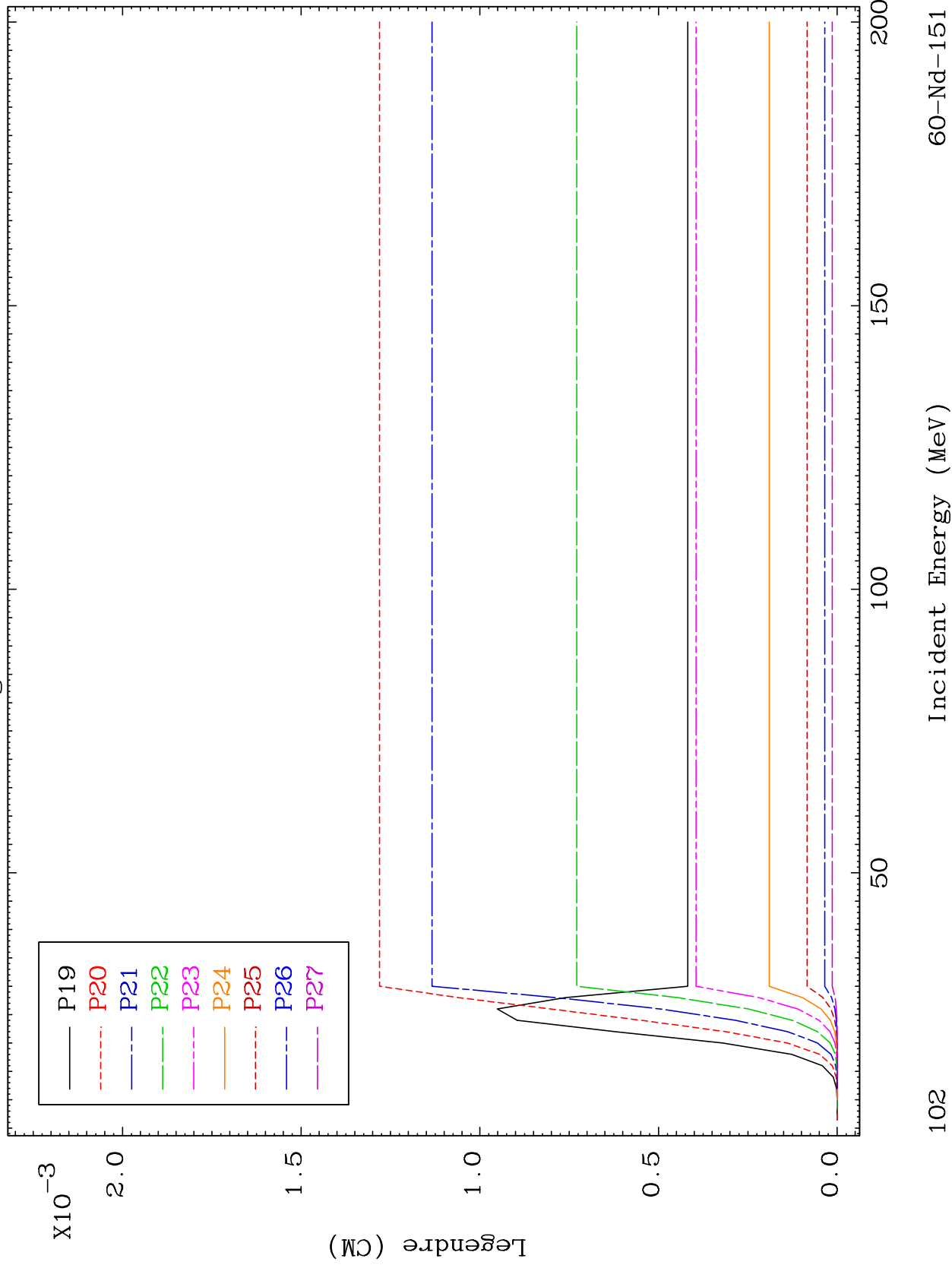
Incident Energy (MeV)

60-Nd-151

MAT 6052

MT= 72 (n,n') Level
Legendre Coefficients

60-Nd-151



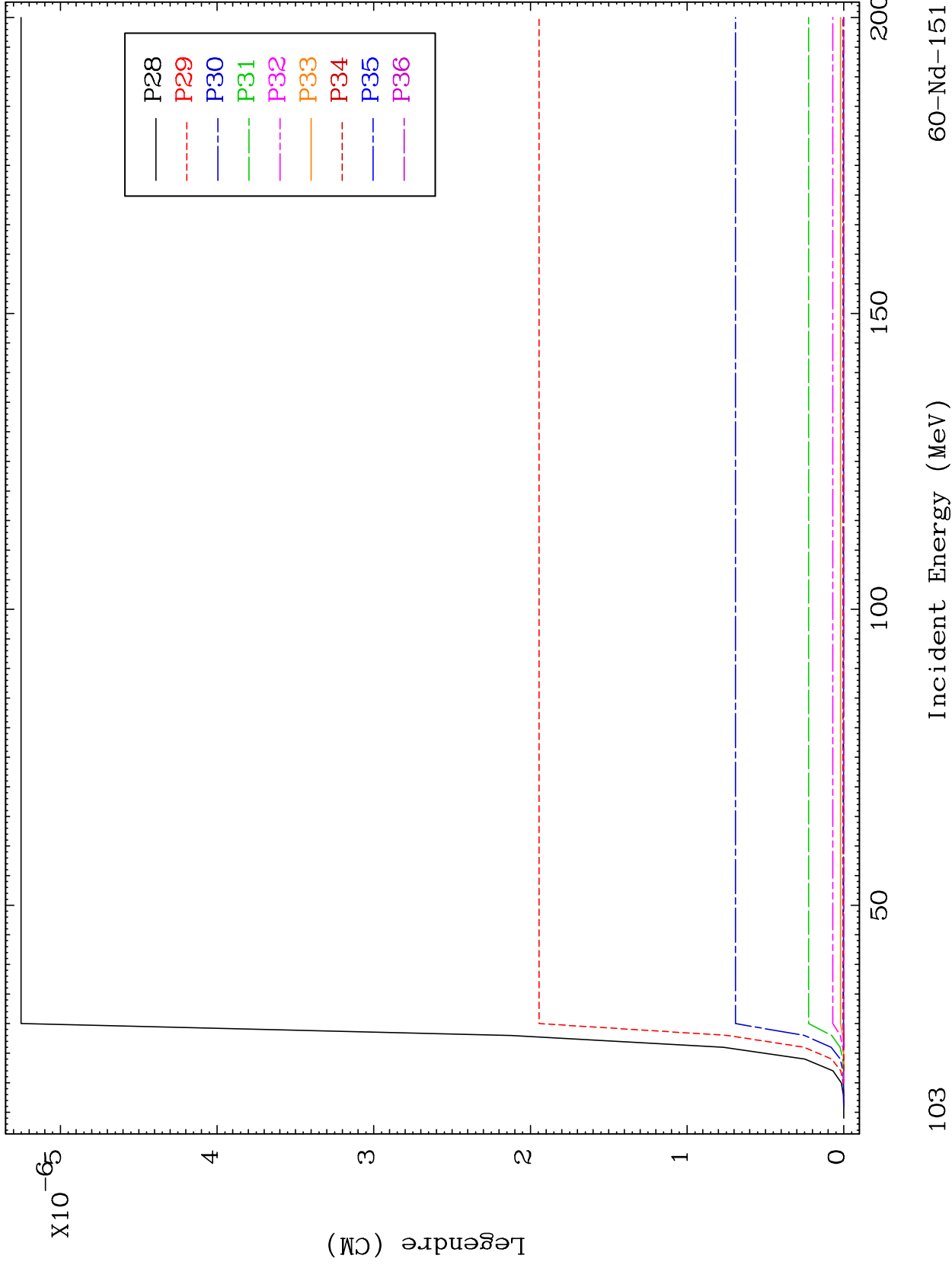
102

60-Nd-151

MAT 6052

MT= 72 (n,n') Level
Legendre Coefficients

60-Nd-151

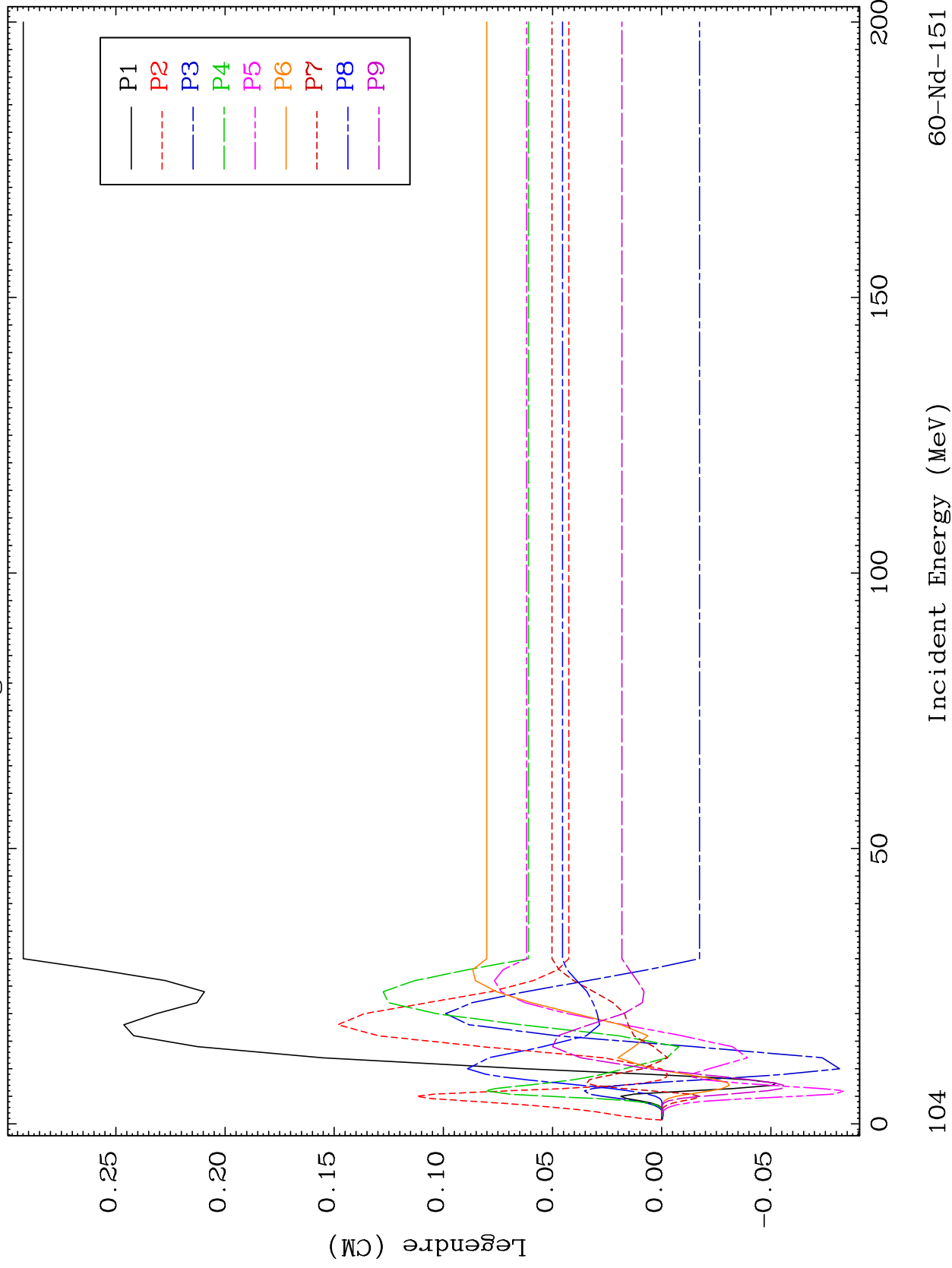


103

MAT 6052

MT= 73 (n,n') Level
Legendre Coefficients

60-Nd-151



60-Nd-151

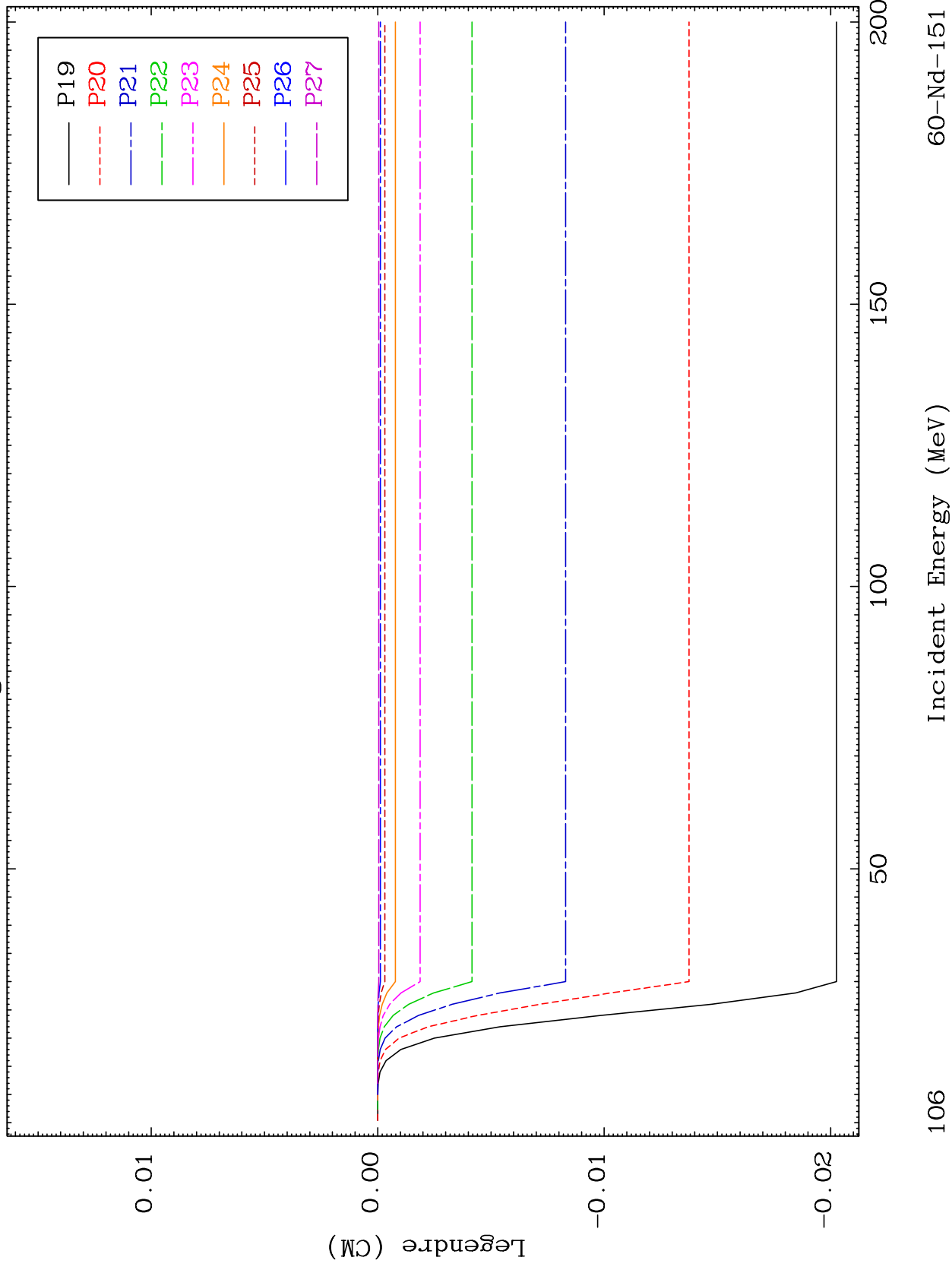
Incident Energy (MeV)

104

MAT 6052

MT= 73 (n,n') Level
Legendre Coefficients

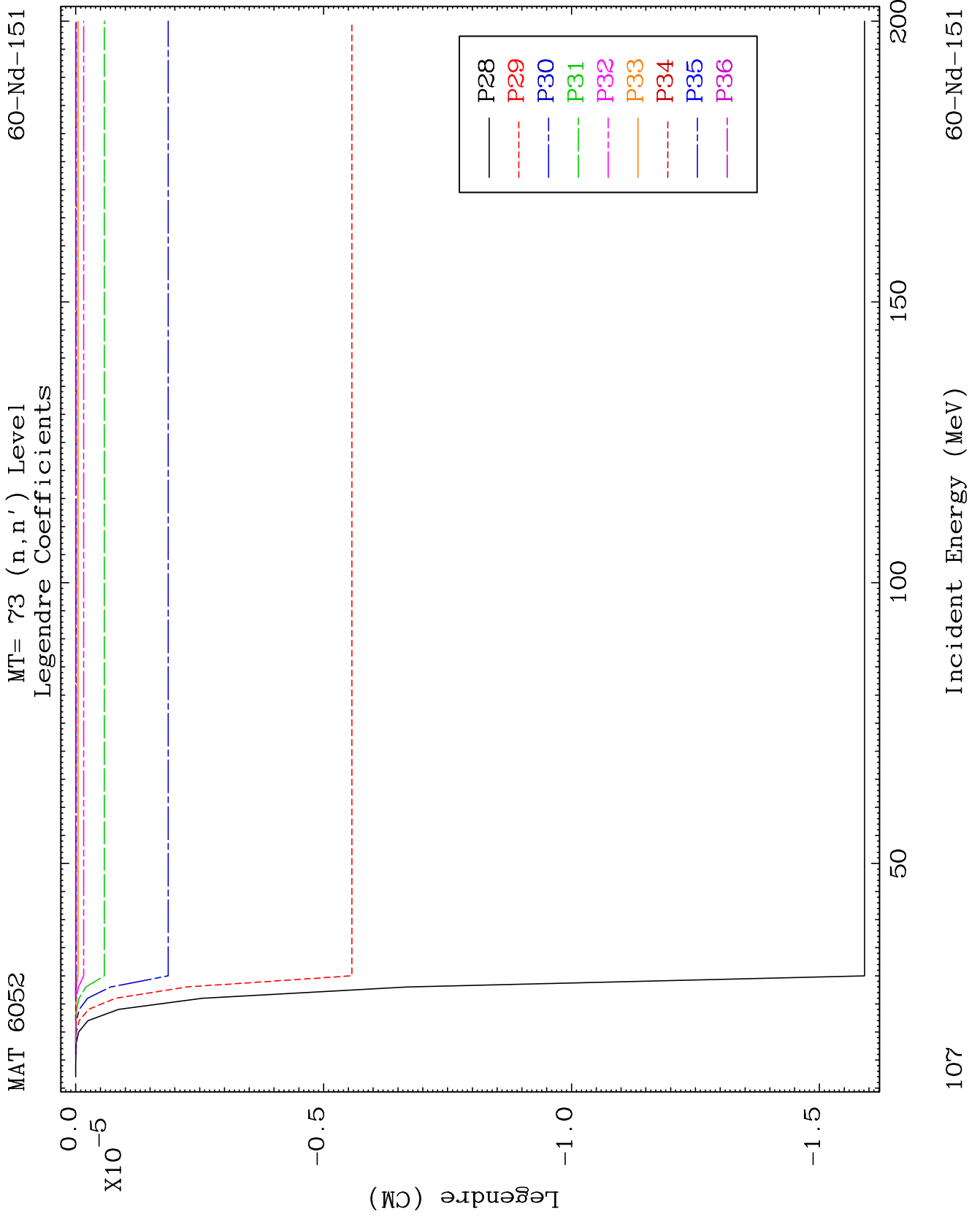
60-Nd-151



60-Nd-151

Incident Energy (MeV)

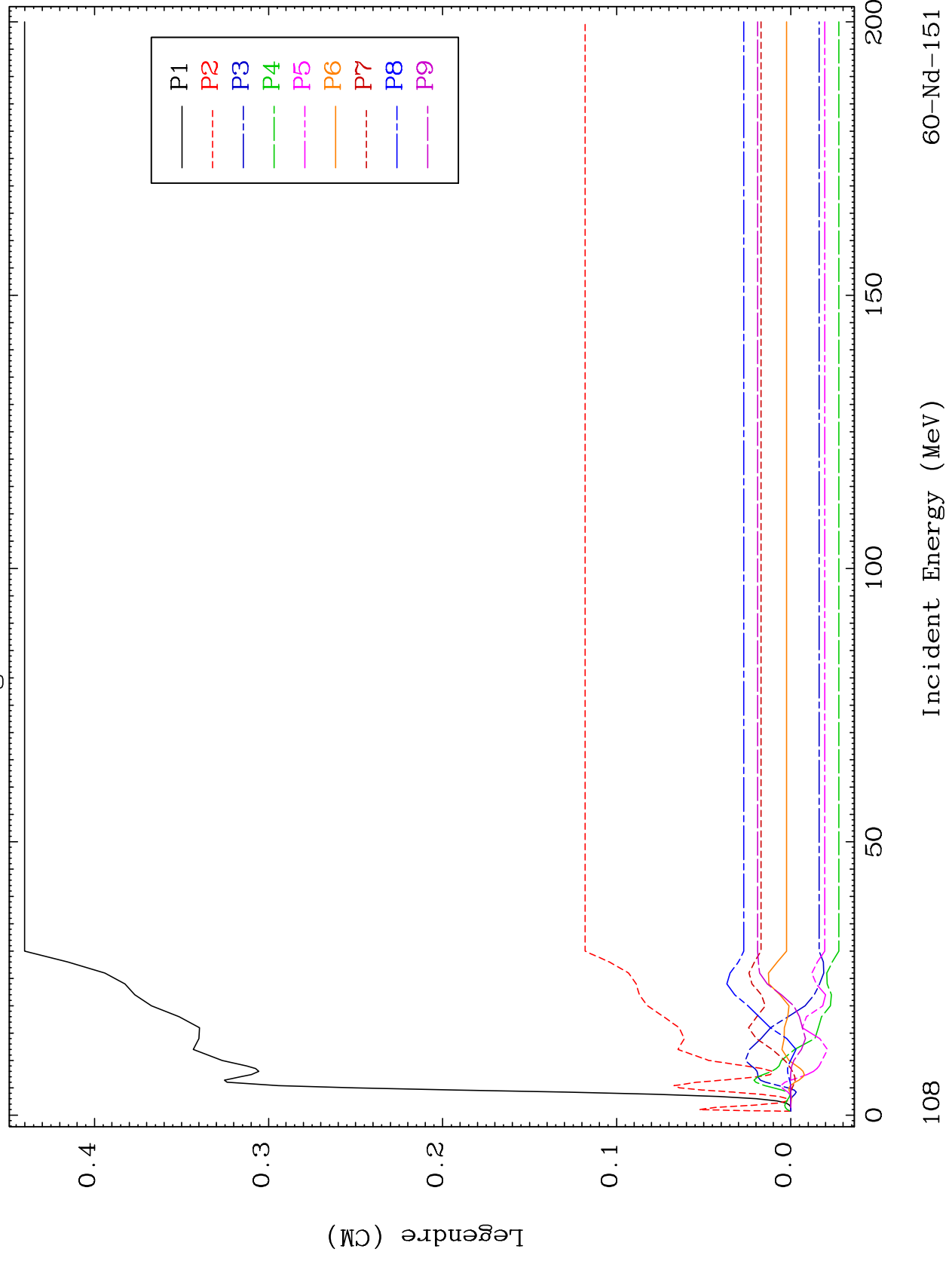
106



MAT 6052

MT= 74 (n,n') Level
Legendre Coefficients

60-Nd-151



60-Nd-151

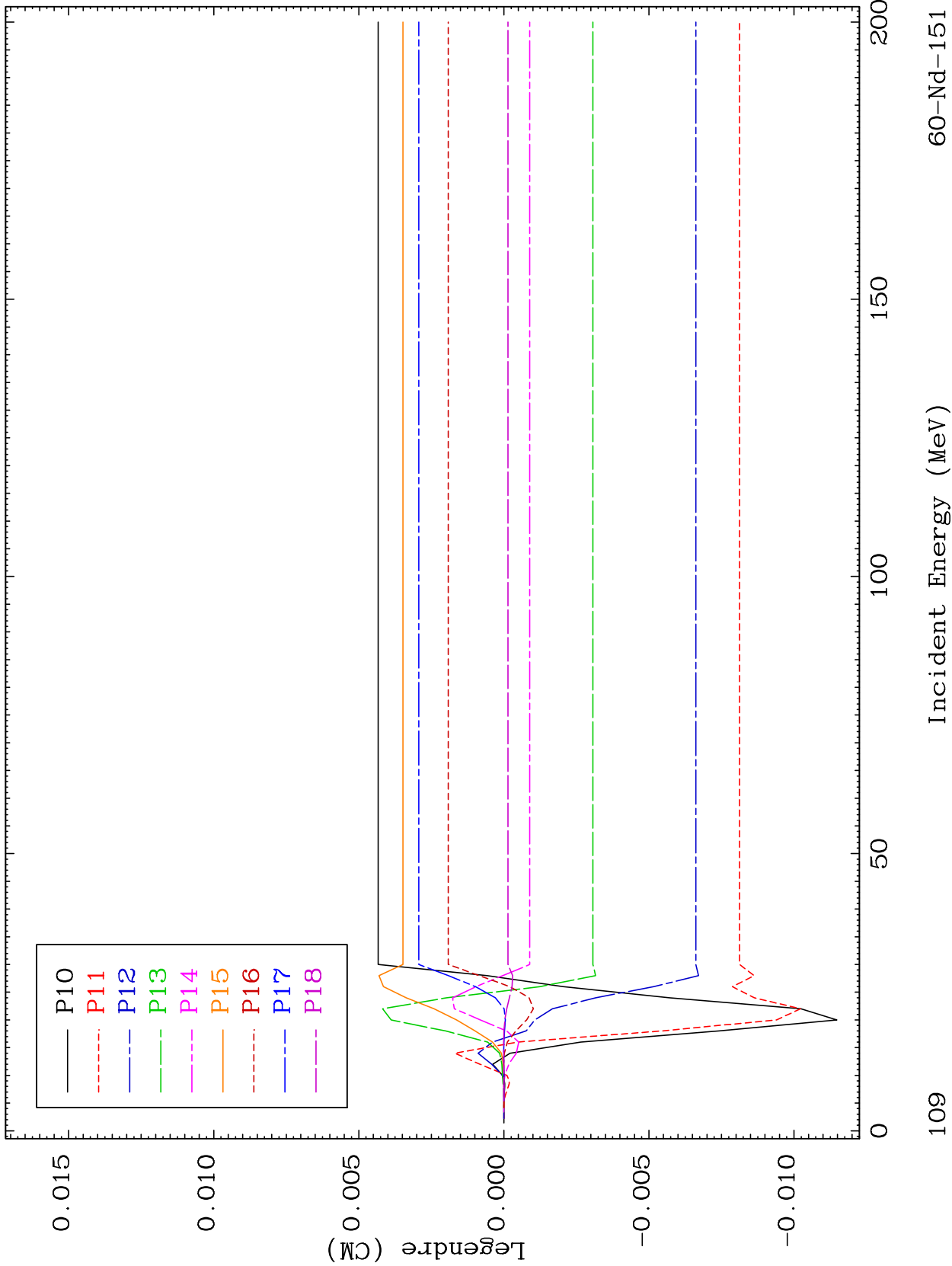
Incident Energy (MeV)

108

MAT 6052

MT= 74 (n,n') Level
Legendre Coefficients

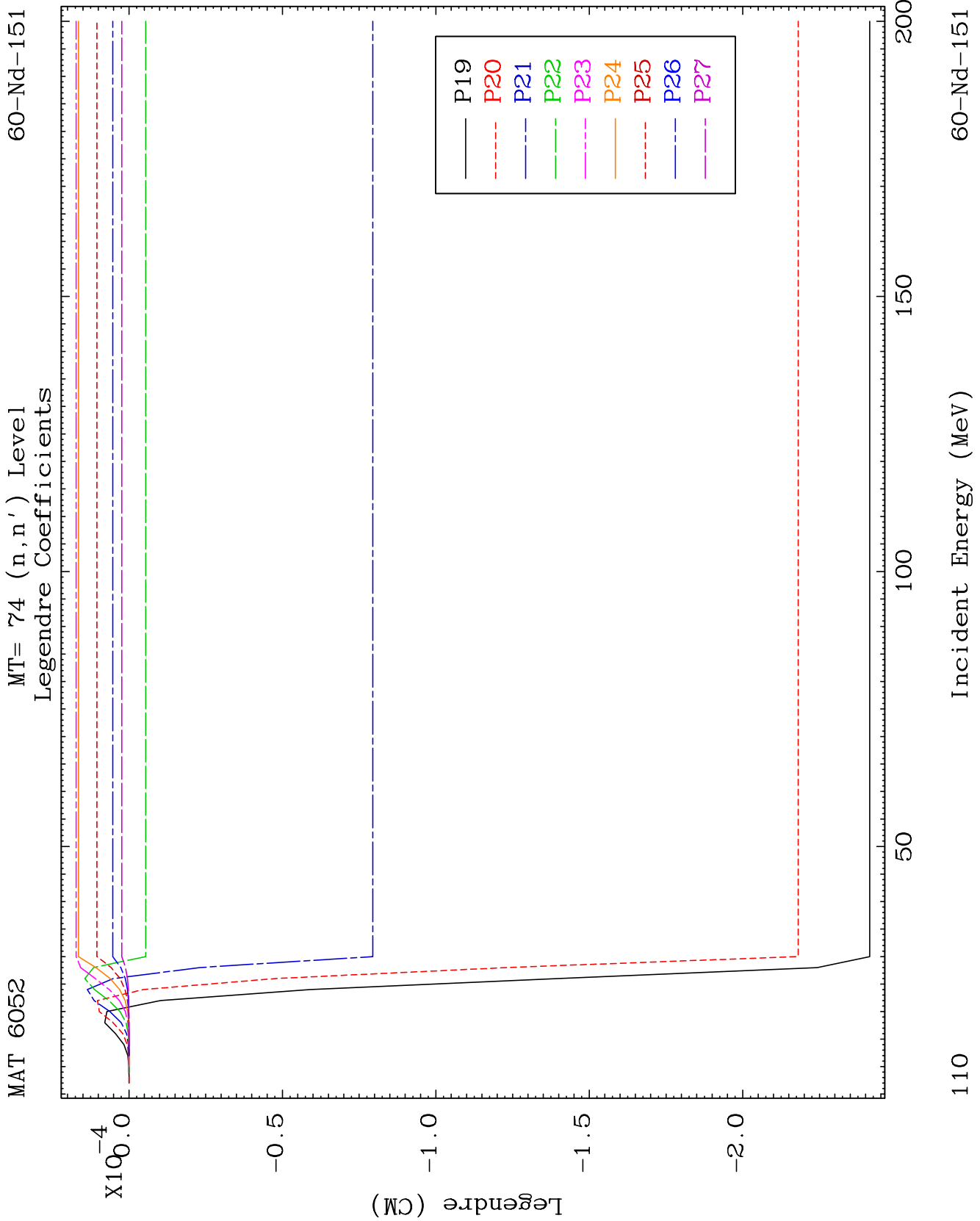
60-Nd-151



109

Incident Energy (MeV)

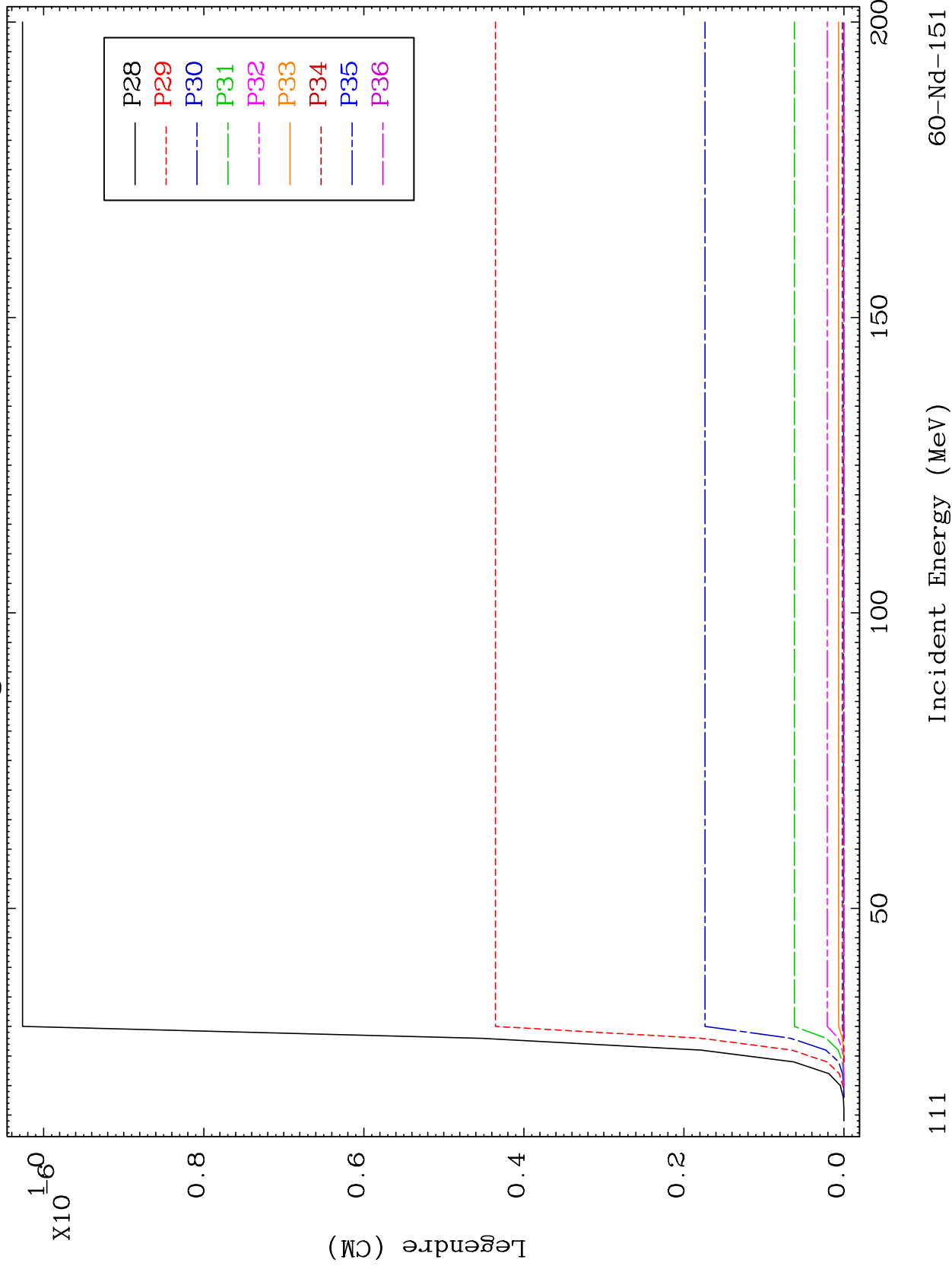
60-Nd-151



MAT 6052

MT= 74 (n,n') Level
Legendre Coefficients

60-Nd-151

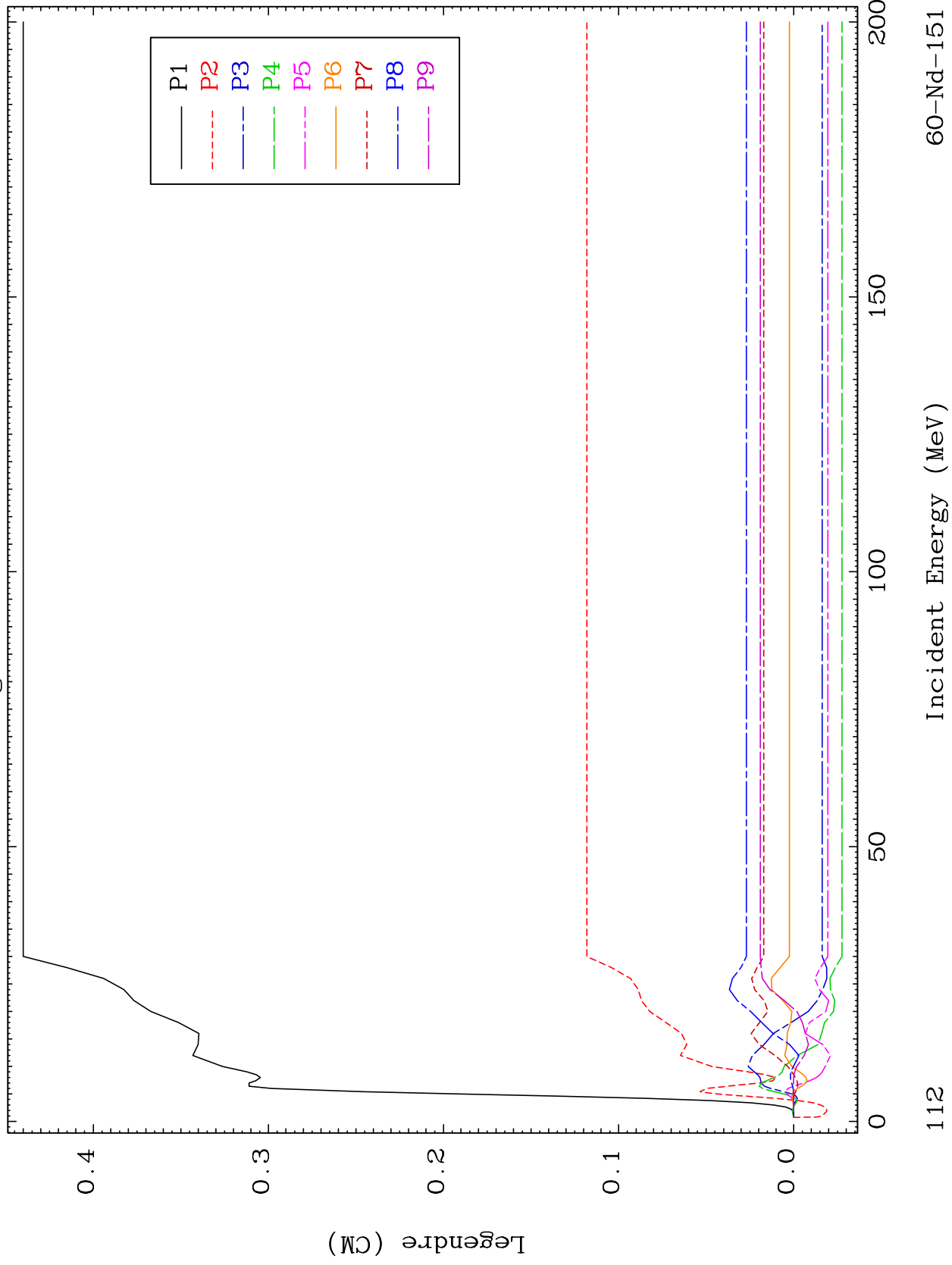


111

MAT 6052

MT= 75 (n,n') Level
Legendre Coefficients

60-Nd-151



60-Nd-151

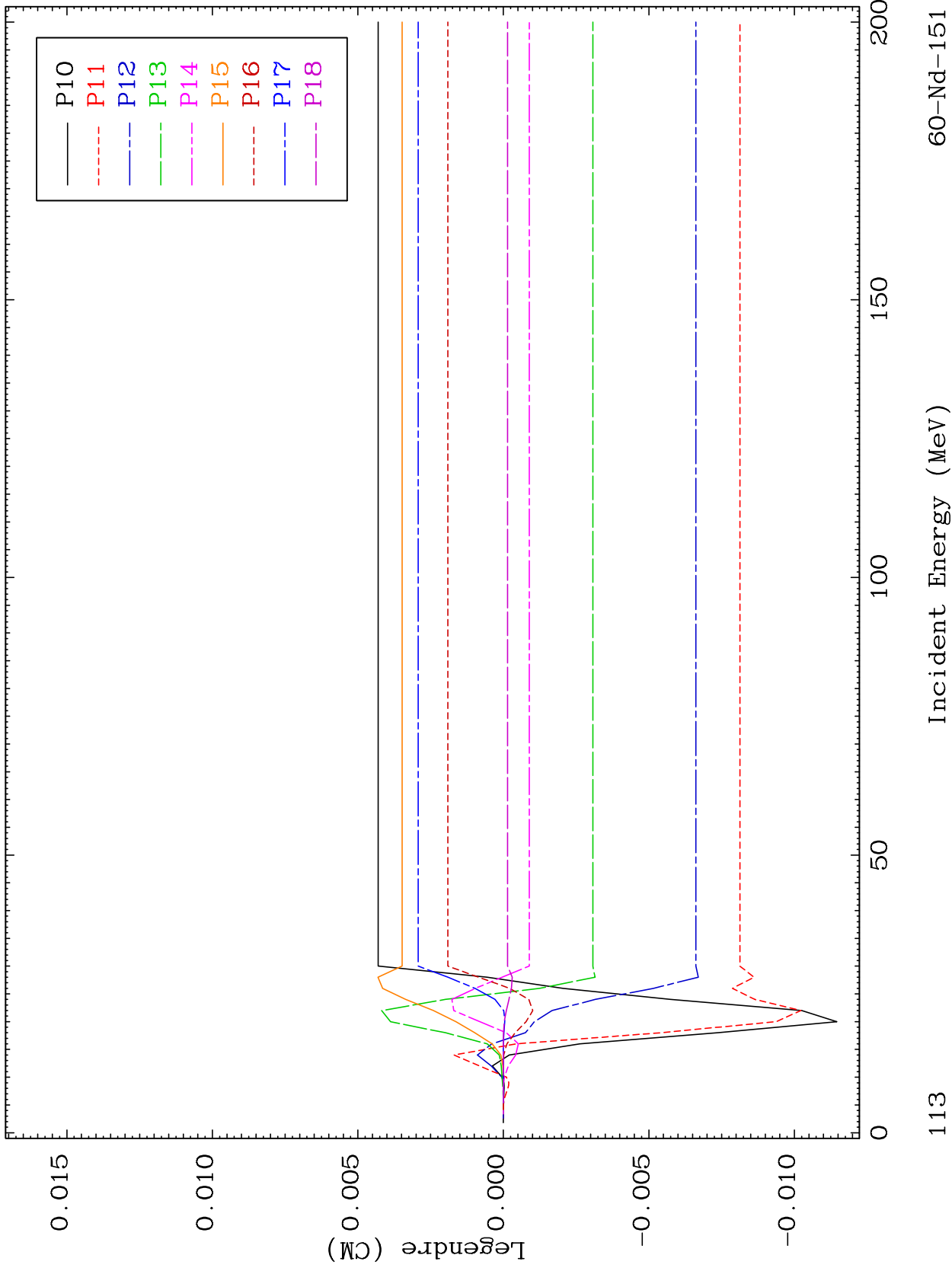
Incident Energy (MeV)

112

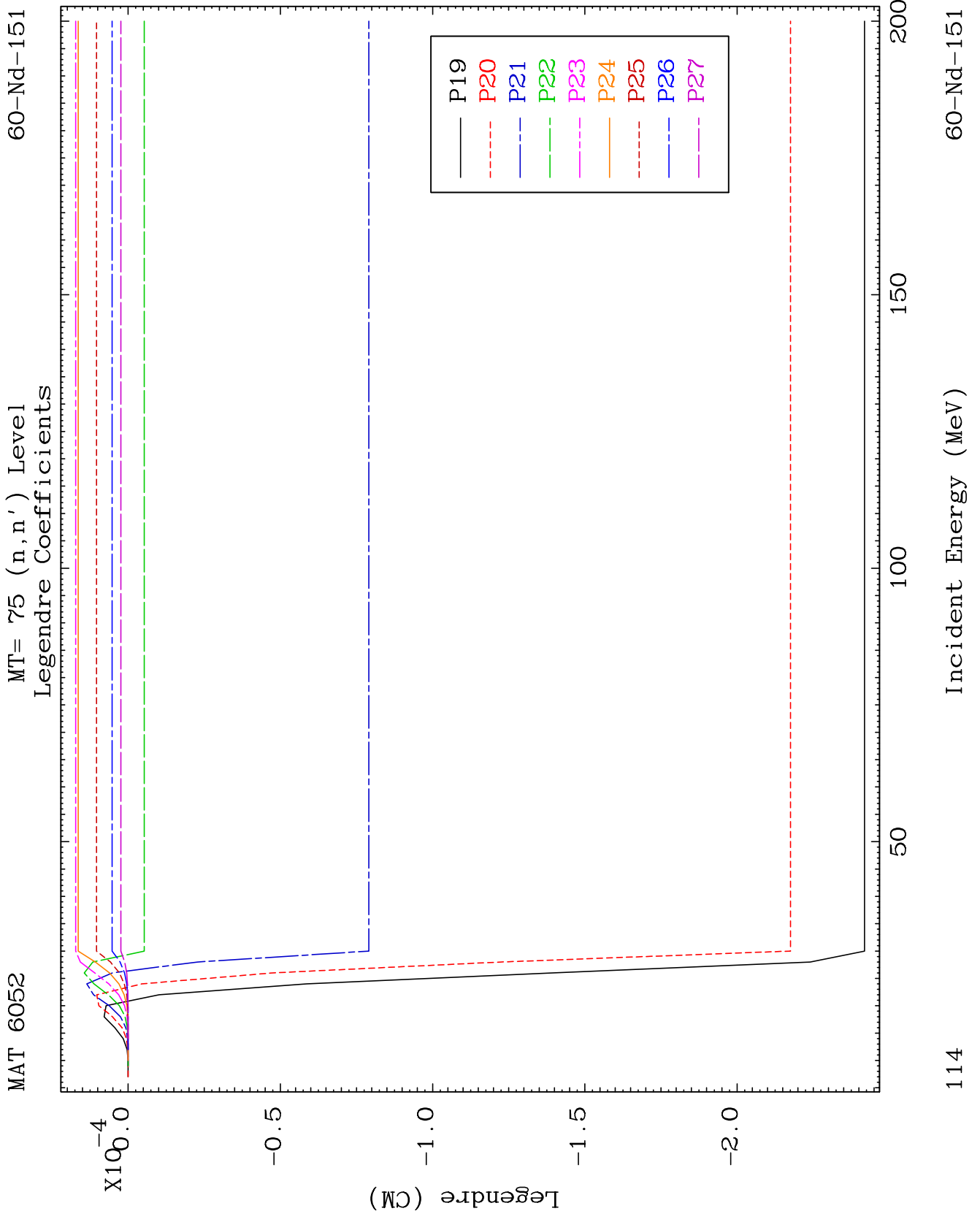
MAT 6052

MT= 75 (n,n') Level
Legendre Coefficients

60-Nd-151



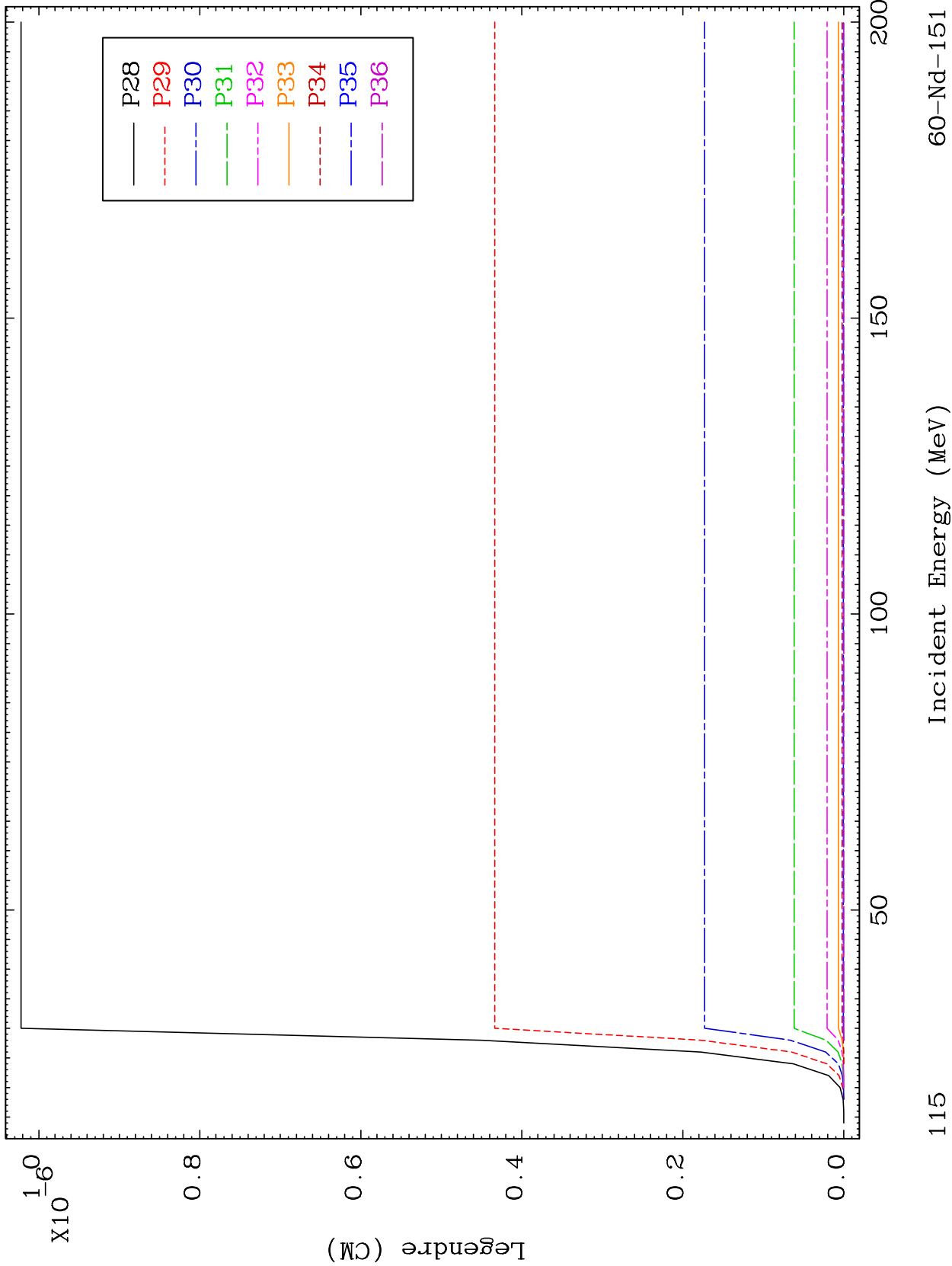
113



MAT 6052

MT= 75 (n,n') Level
Legendre Coefficients

60-Nd-151



115

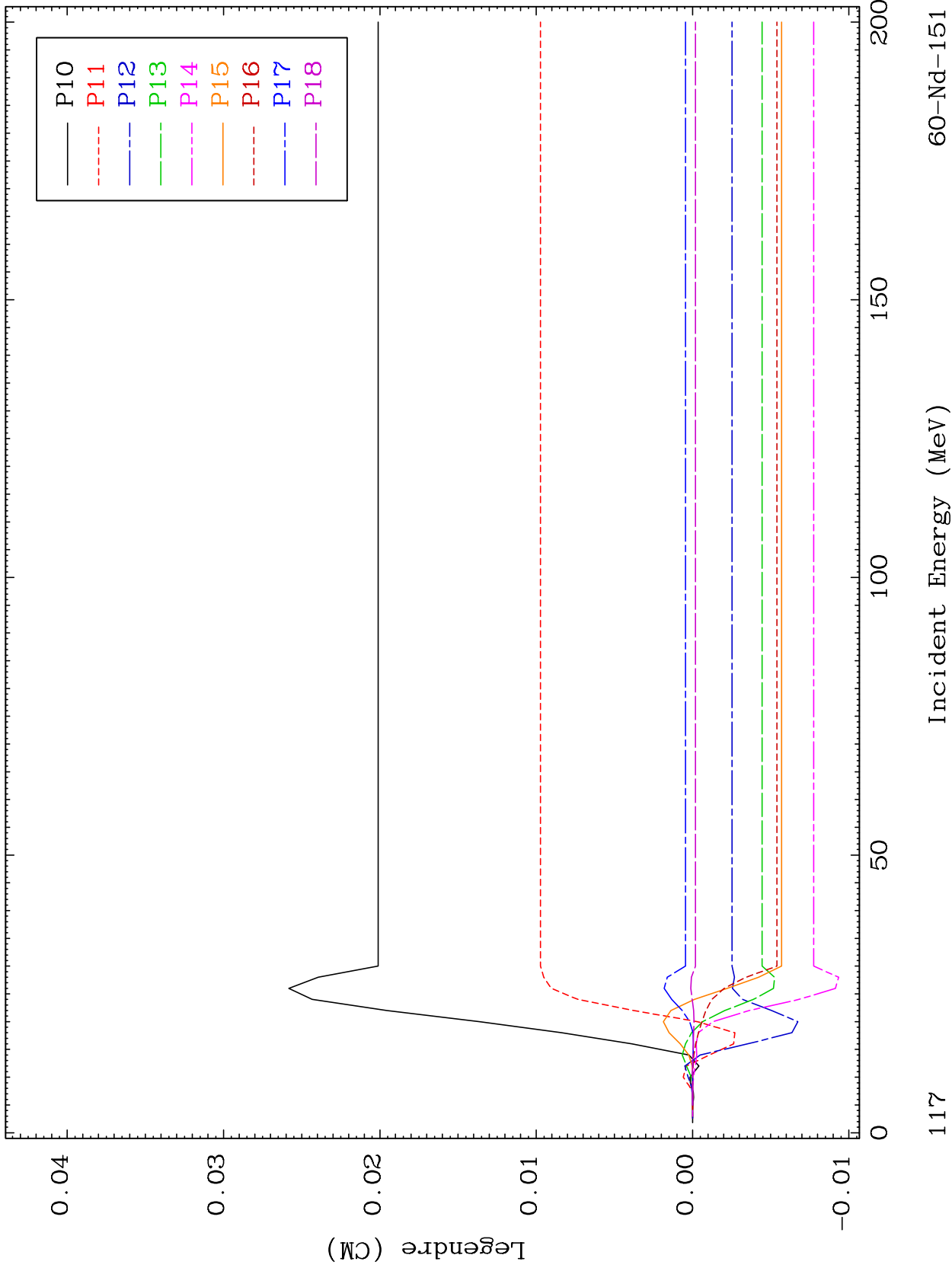
Incident Energy (MeV)

60-Nd-151

MAT 6052

MT= 76 (n,n') Level
Legendre Coefficients

60-Nd-151



117

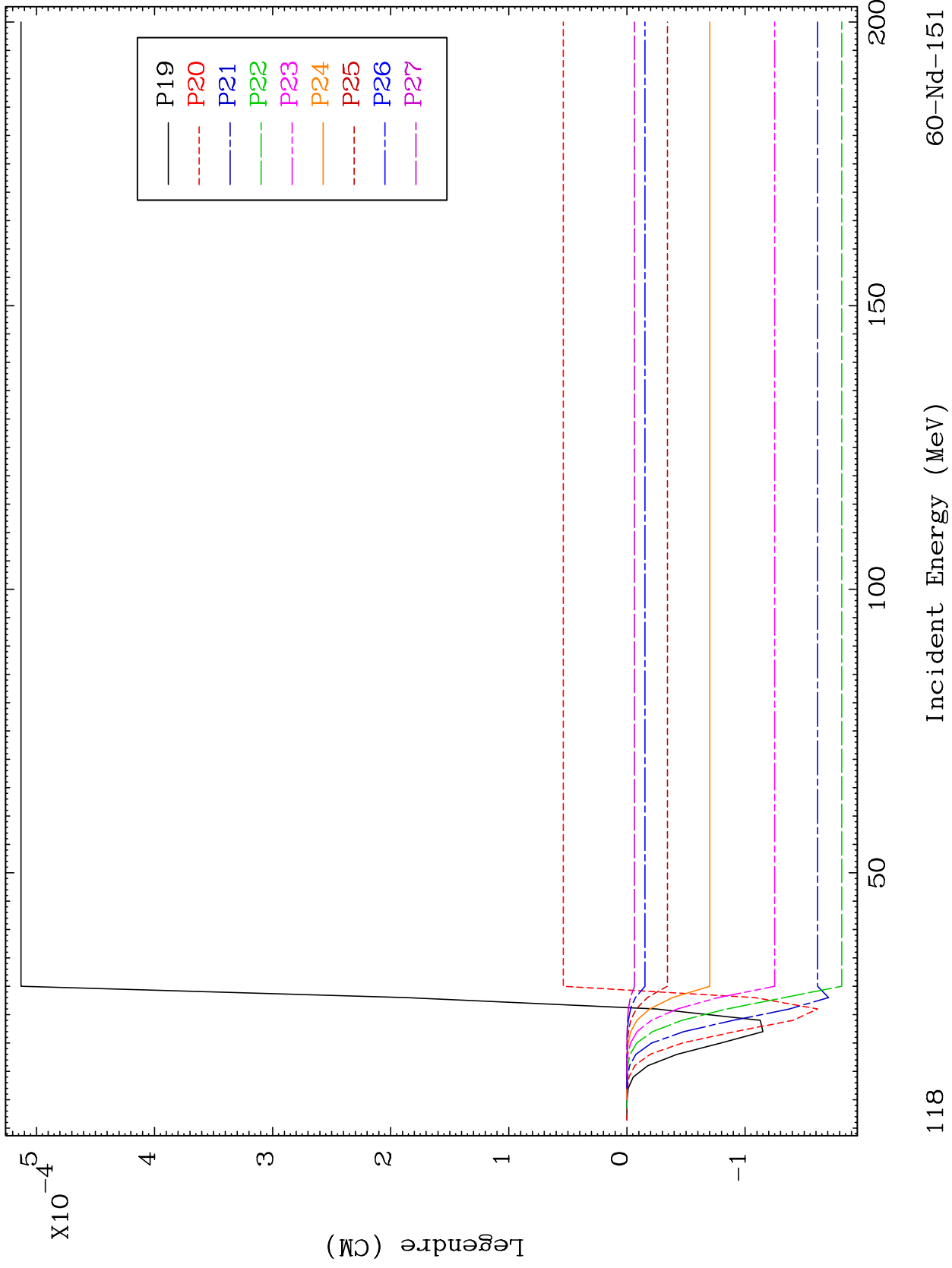
Incident Energy (MeV)

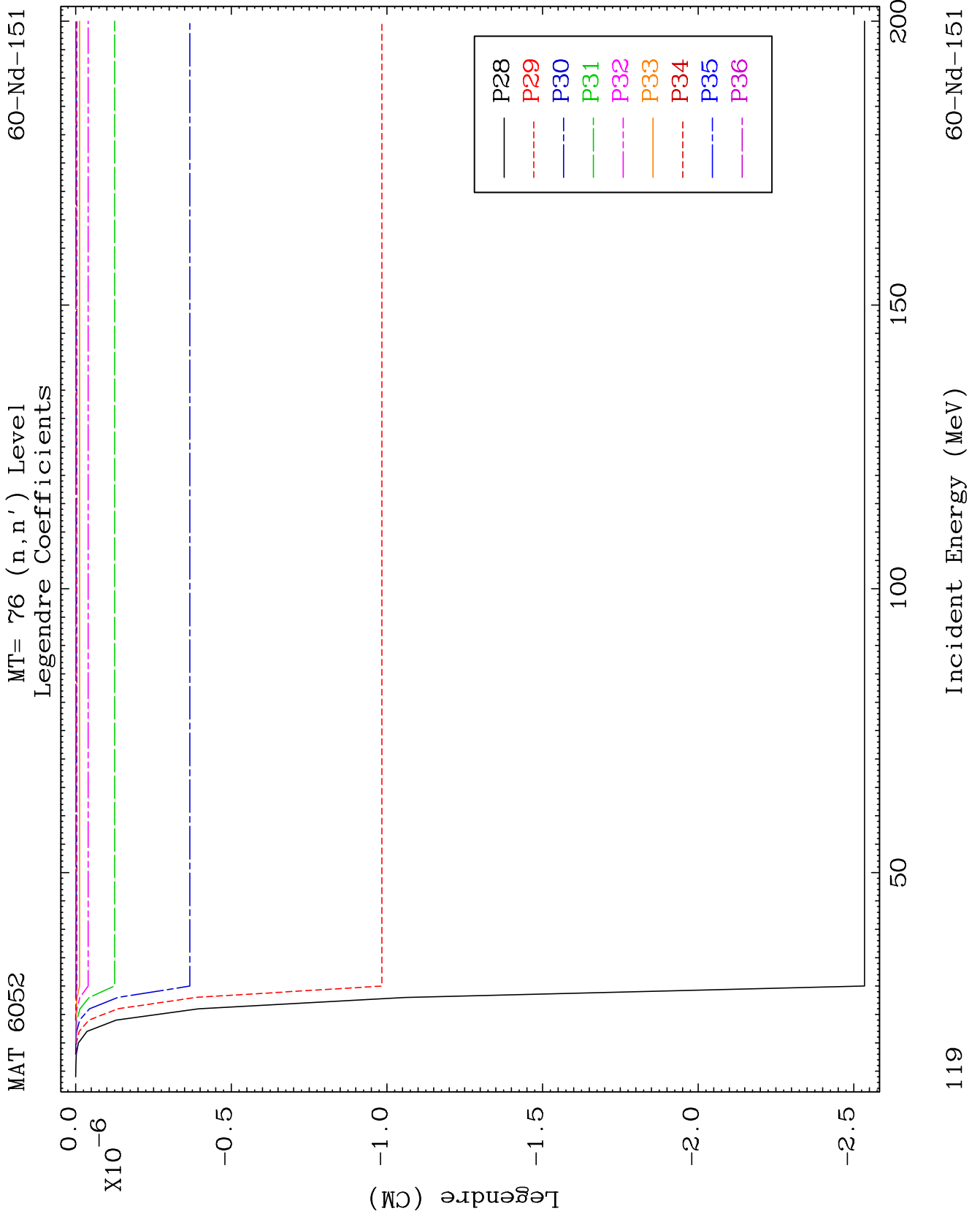
60-Nd-151

MAT 6052

MT= 76 (n,n') Level
Legendre Coefficients

60-Nd-151

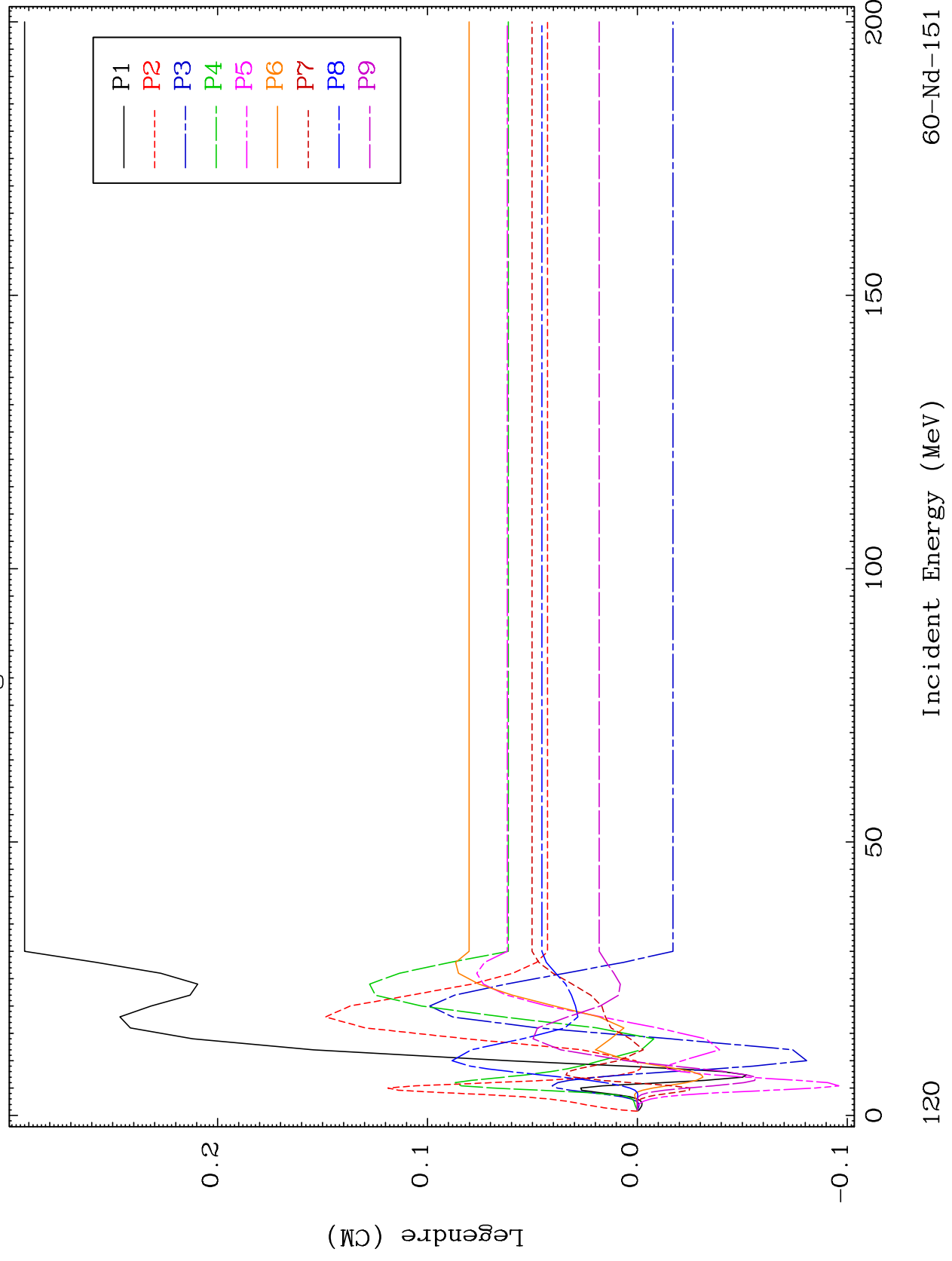




MAT 6052

MT= 77 (n,n') Level
Legendre Coefficients

60-Nd-151



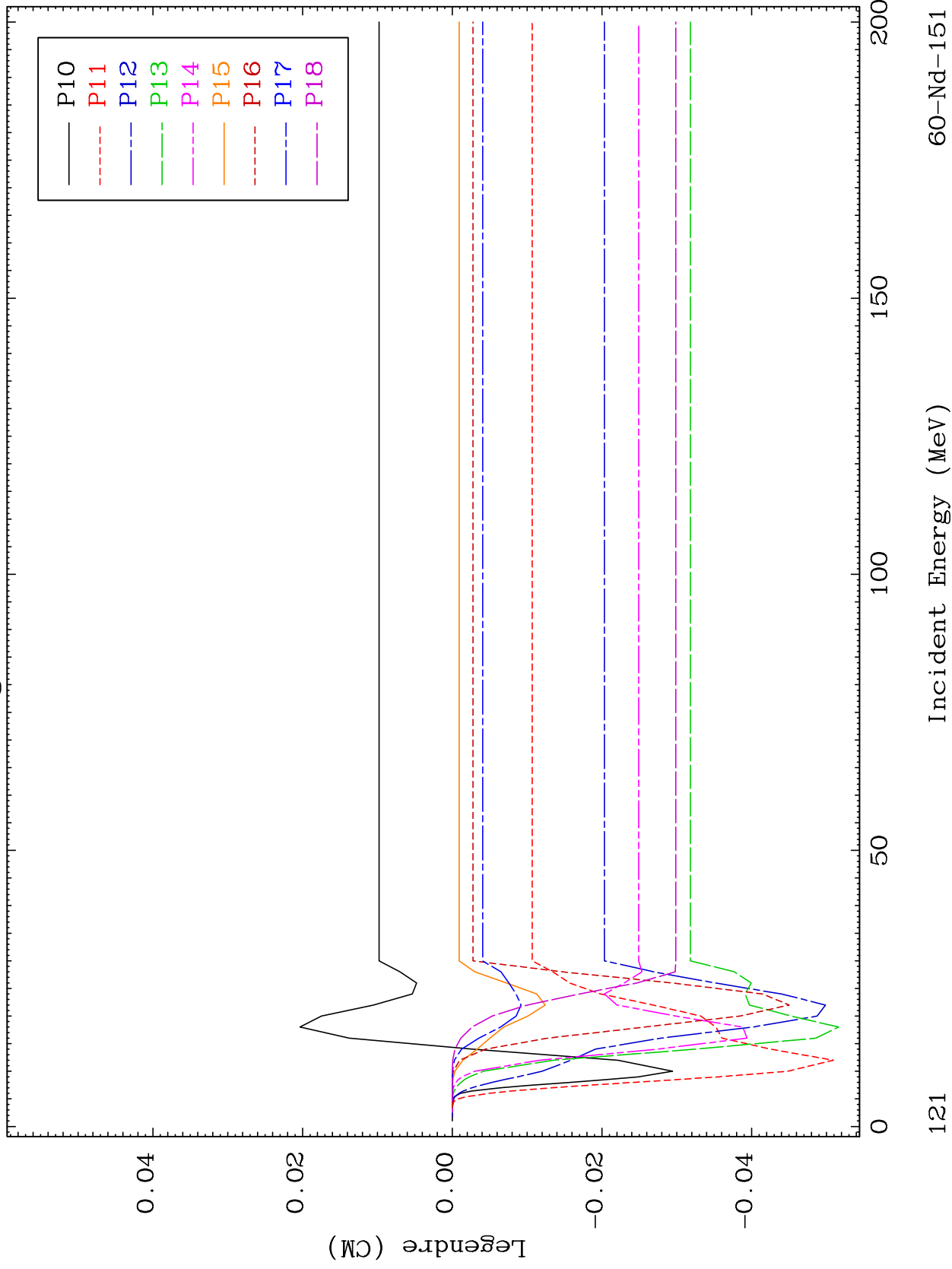
60-Nd-151

Incident Energy (MeV)

MAT 6052

MT= 77 (n,n') Level
Legendre Coefficients

60-Nd-151



60-Nd-151

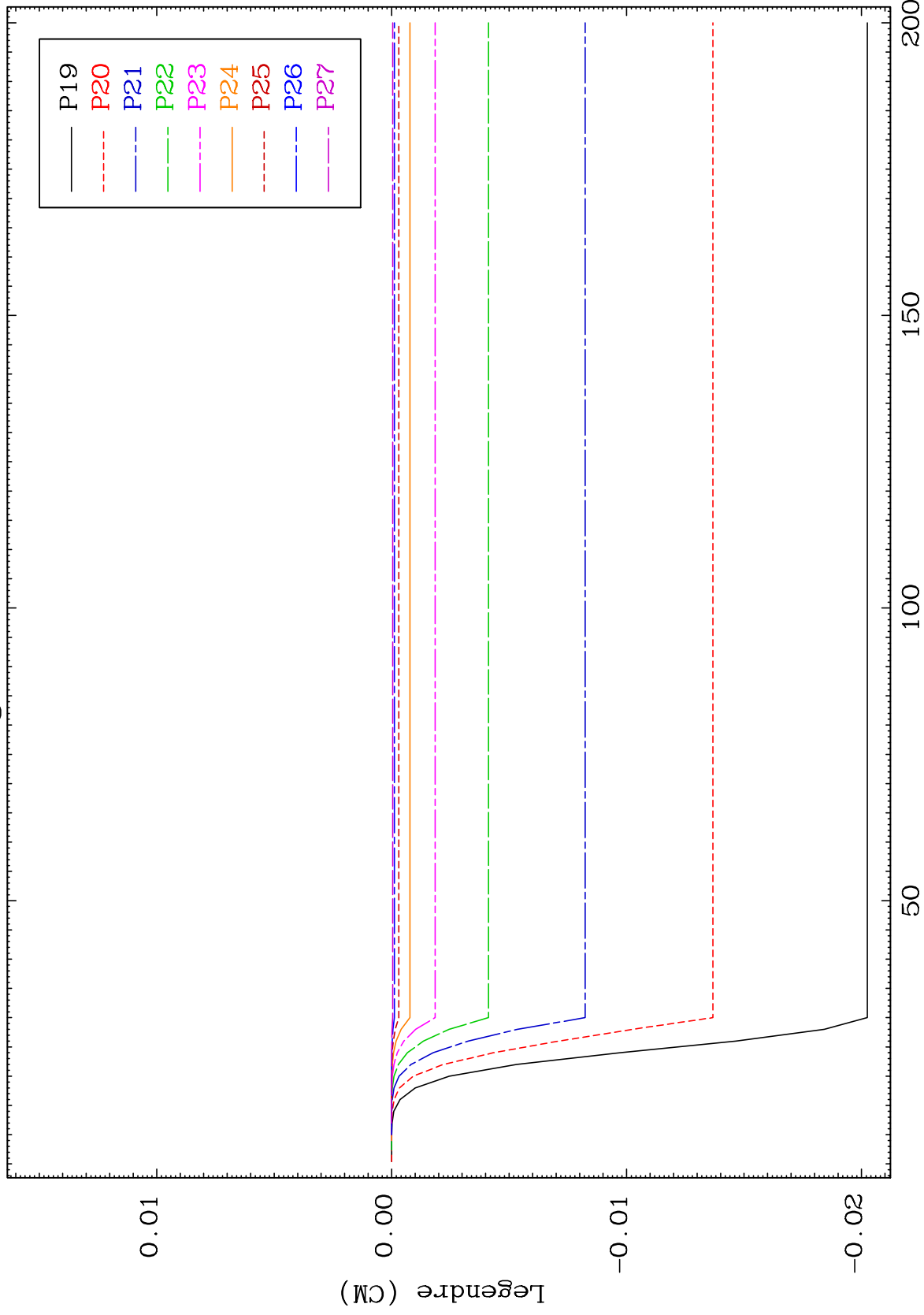
Incident Energy (MeV)

121

MAT 6052

MT= 77 (n,n') Level
Legendre Coefficients

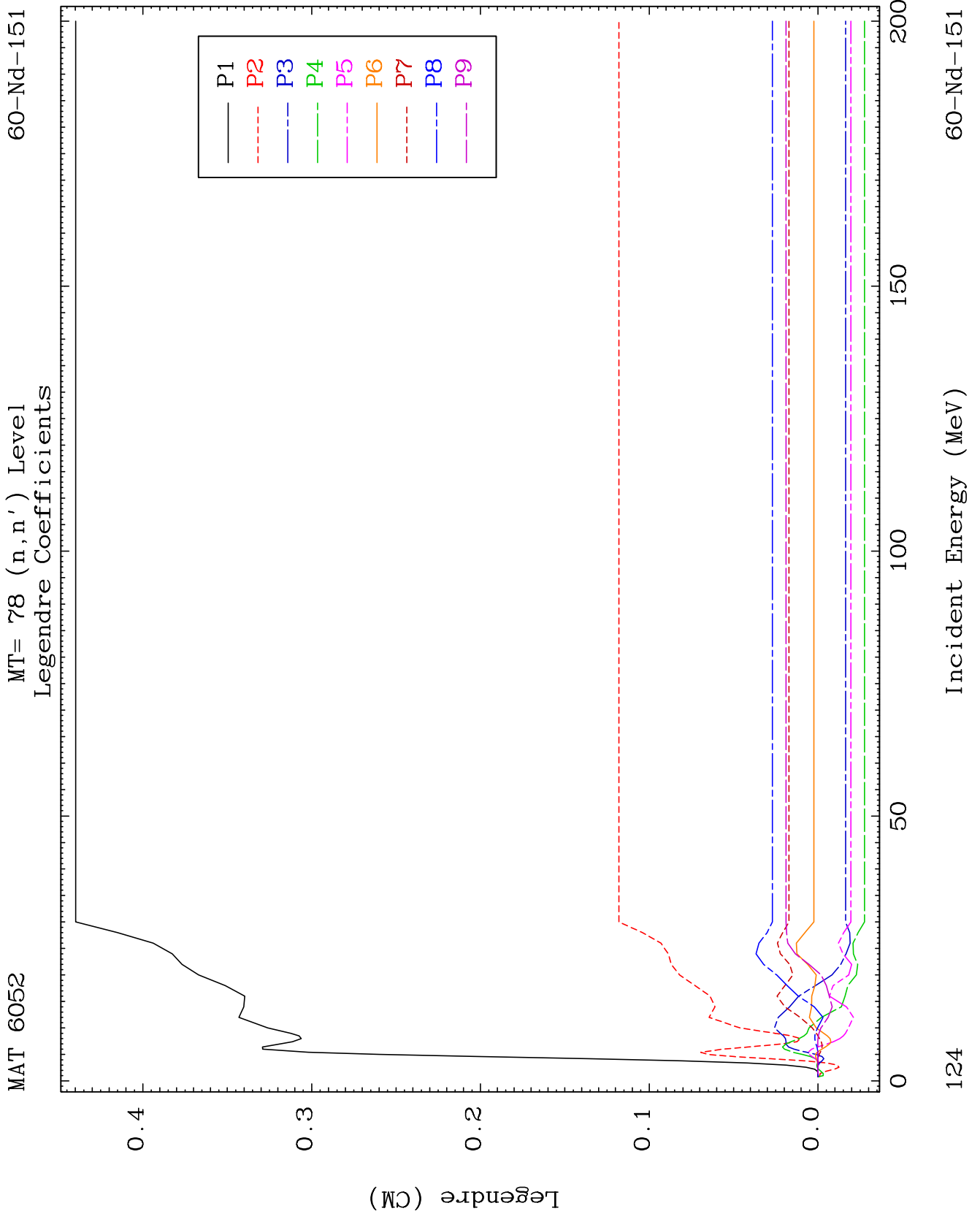
60-Nd-151

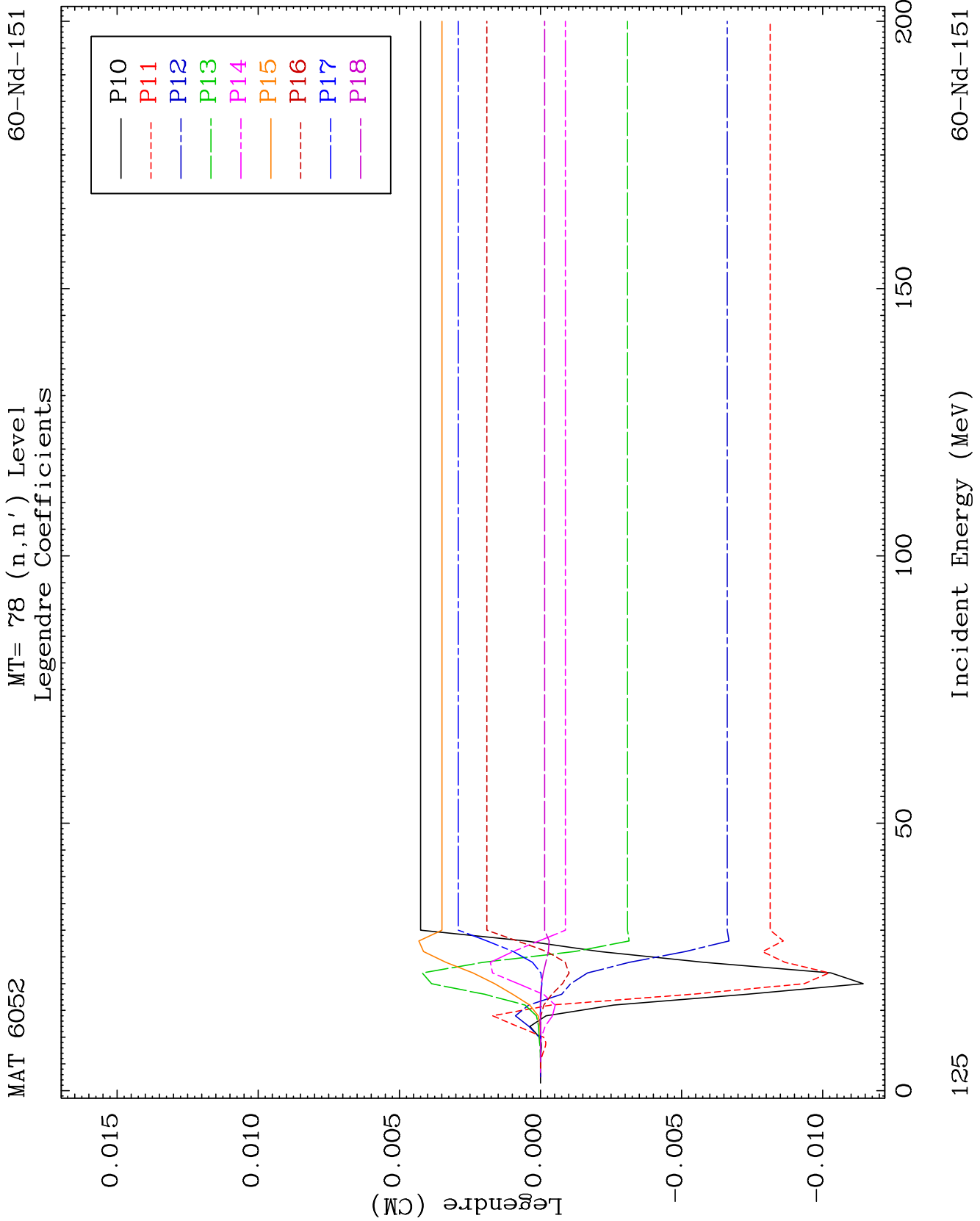


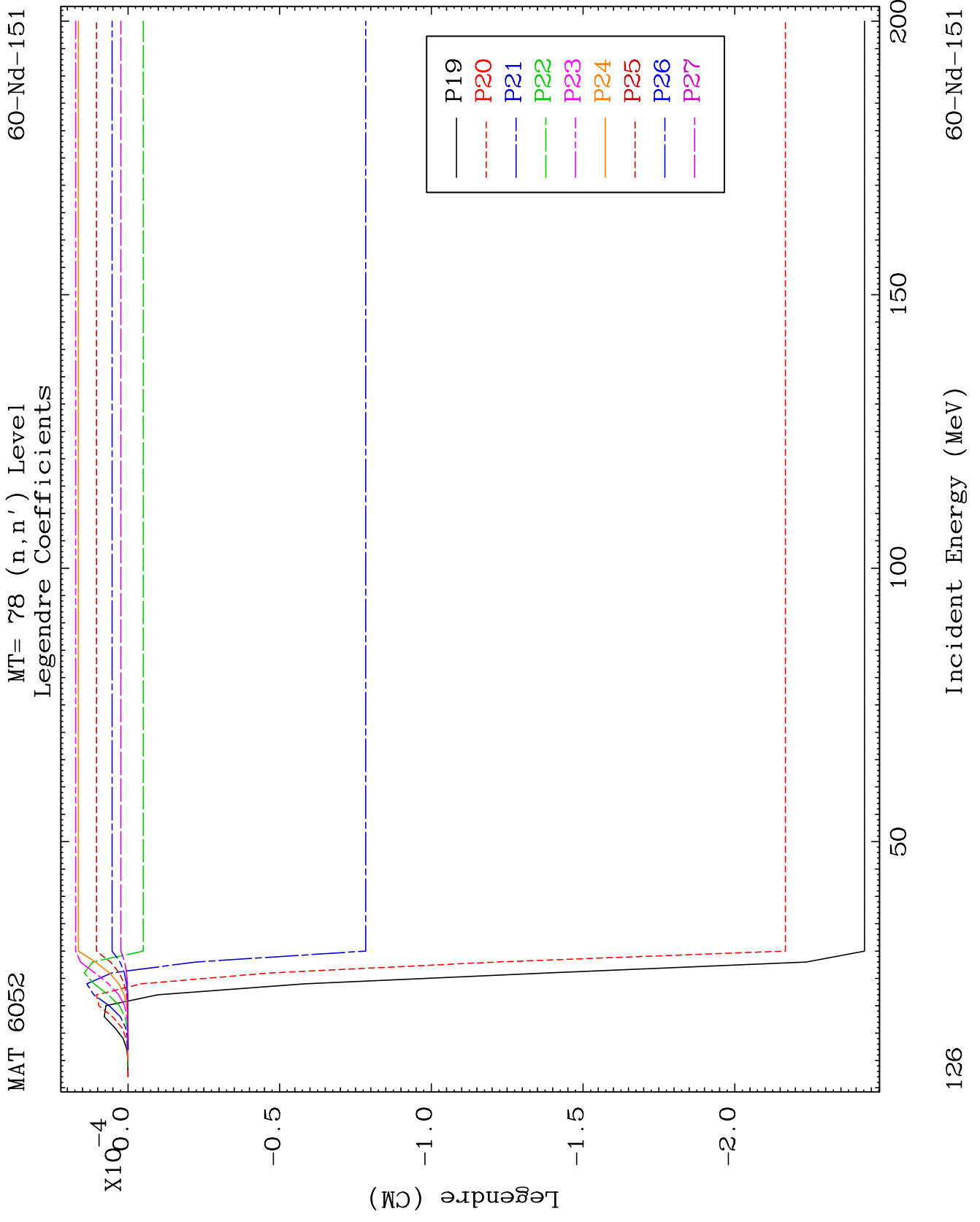
122

Incident Energy (MeV)

60-Nd-151



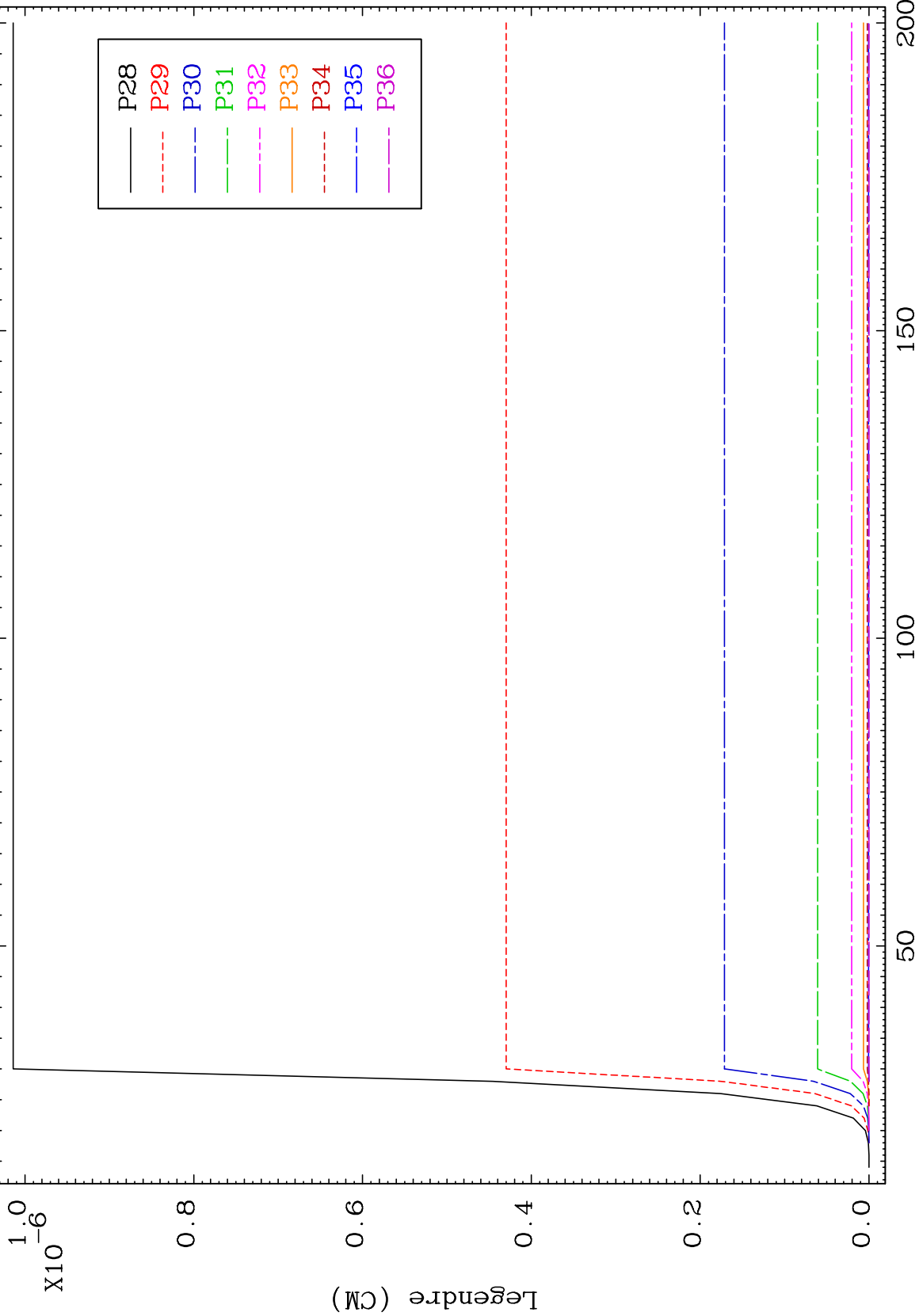




MAT 6052

MT= 78 (n,n') Level
Legendre Coefficients

60-Nd-151



127

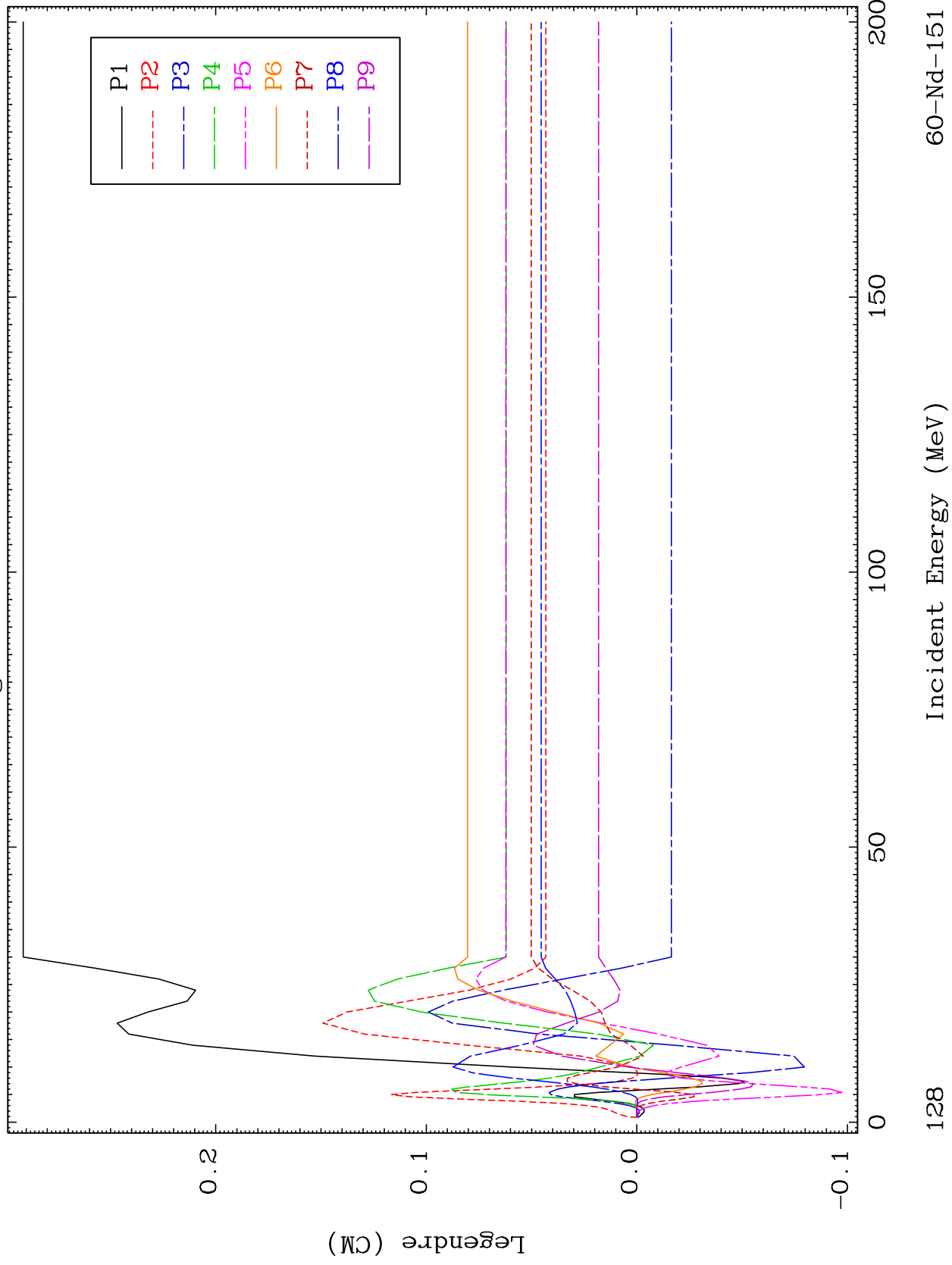
Incident Energy (MeV)

60-Nd-151

MAT 6052

MT= 79 (n,n') Level
Legendre Coefficients

60-Nd-151



60-Nd-151

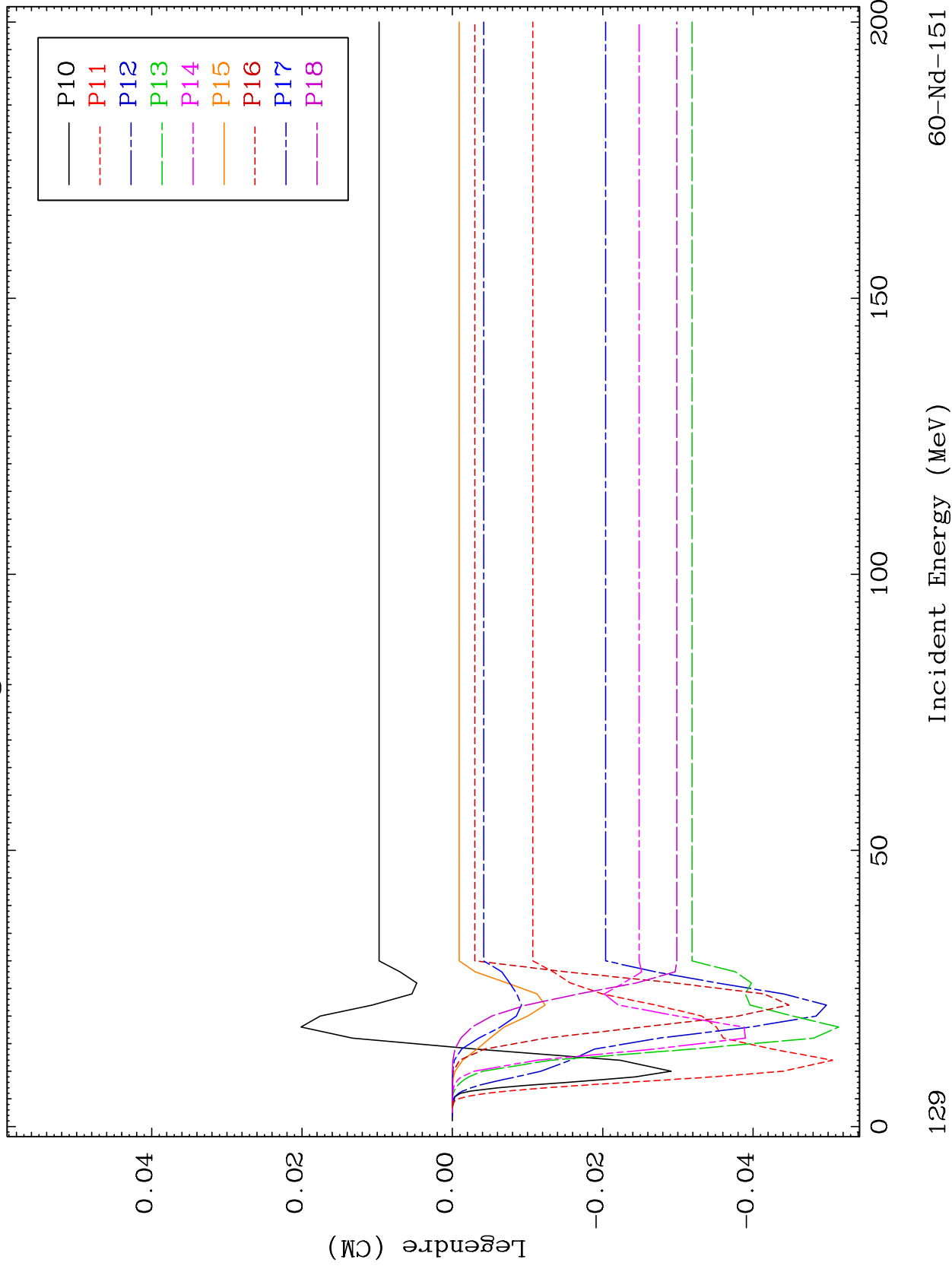
Incident Energy (MeV)

128

MAT 6052

MT= 79 (n,n') Level
Legendre Coefficients

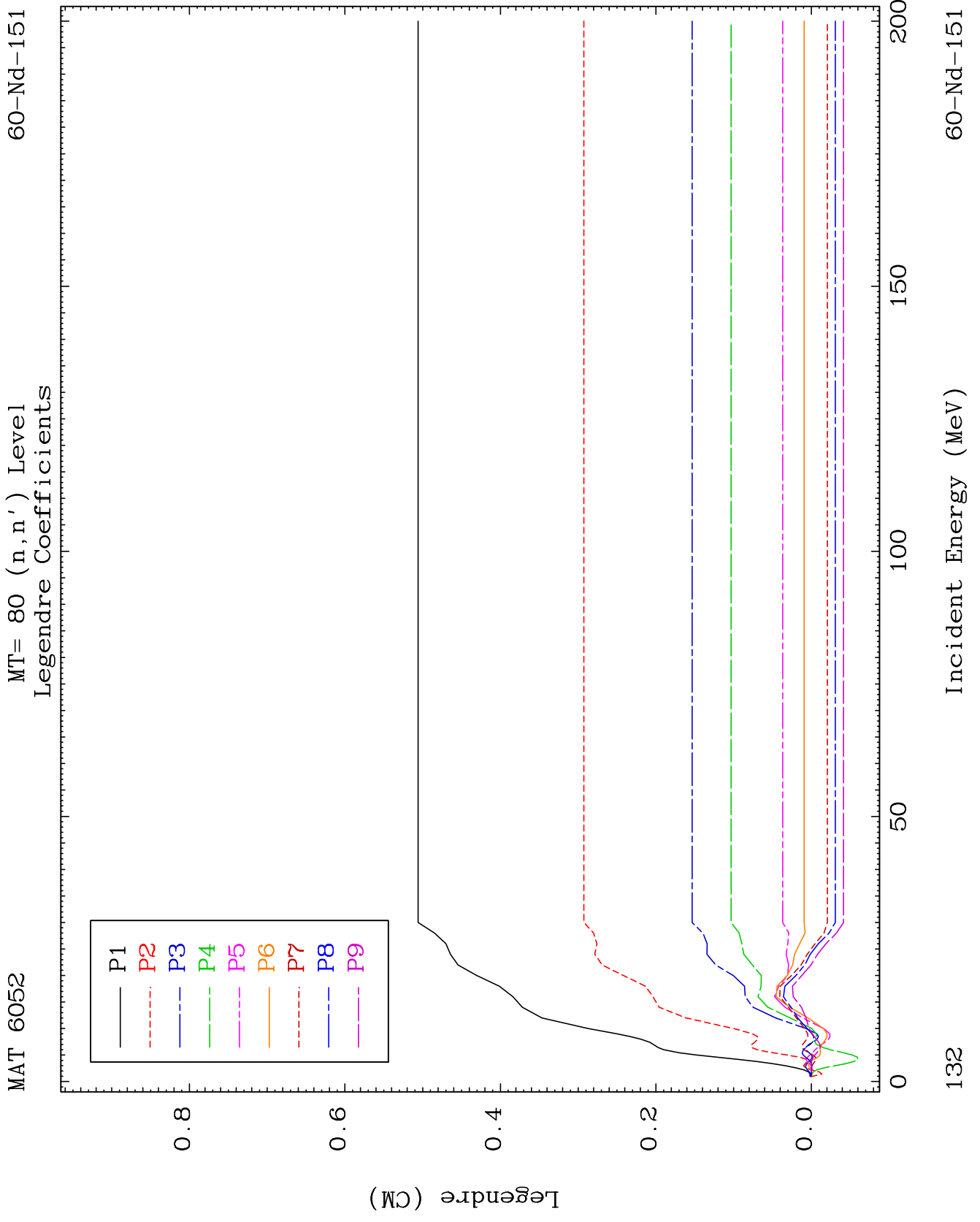
60-Nd-151

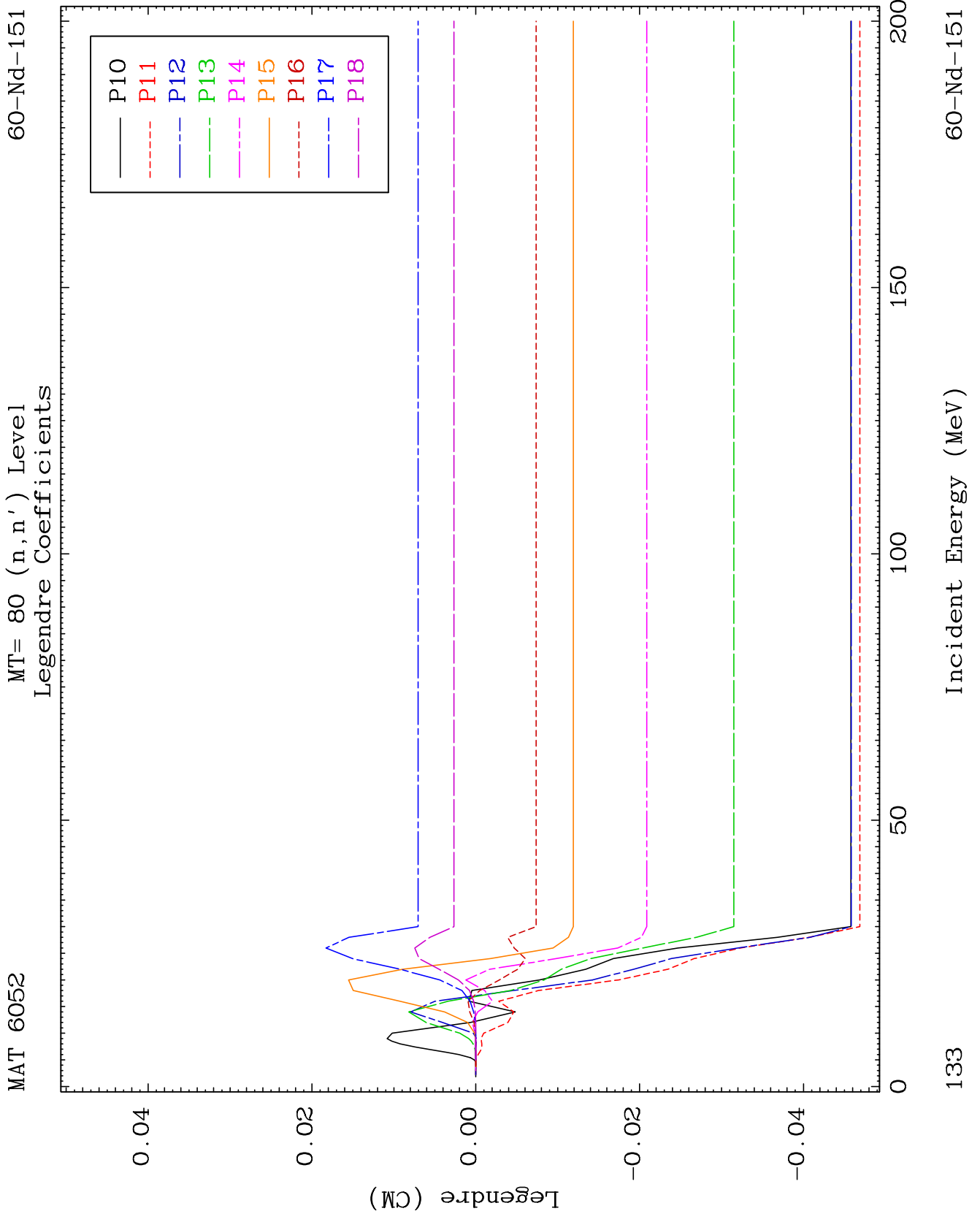


129

Incident Energy (MeV)

60-Nd-151

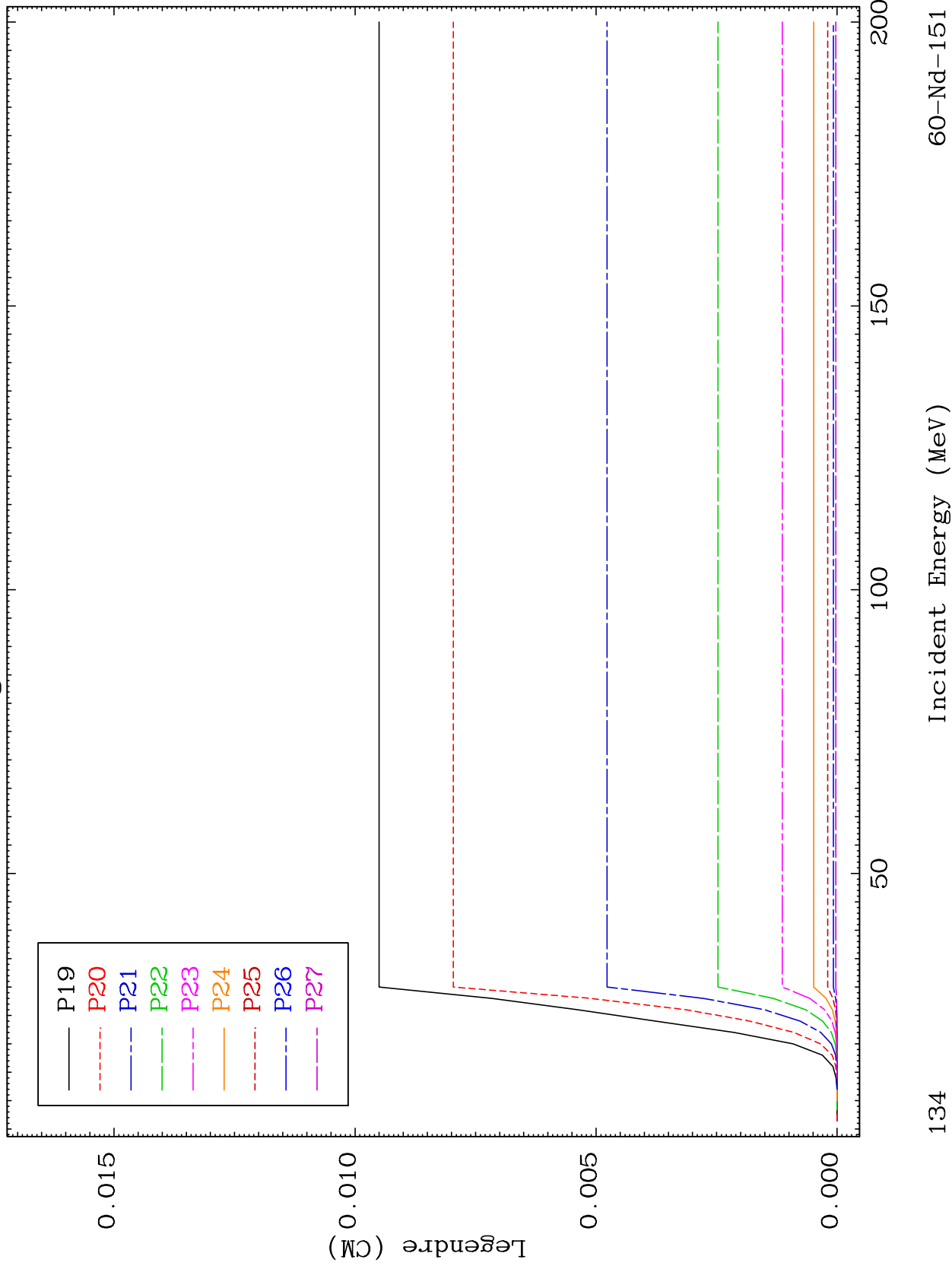




MAT 6052

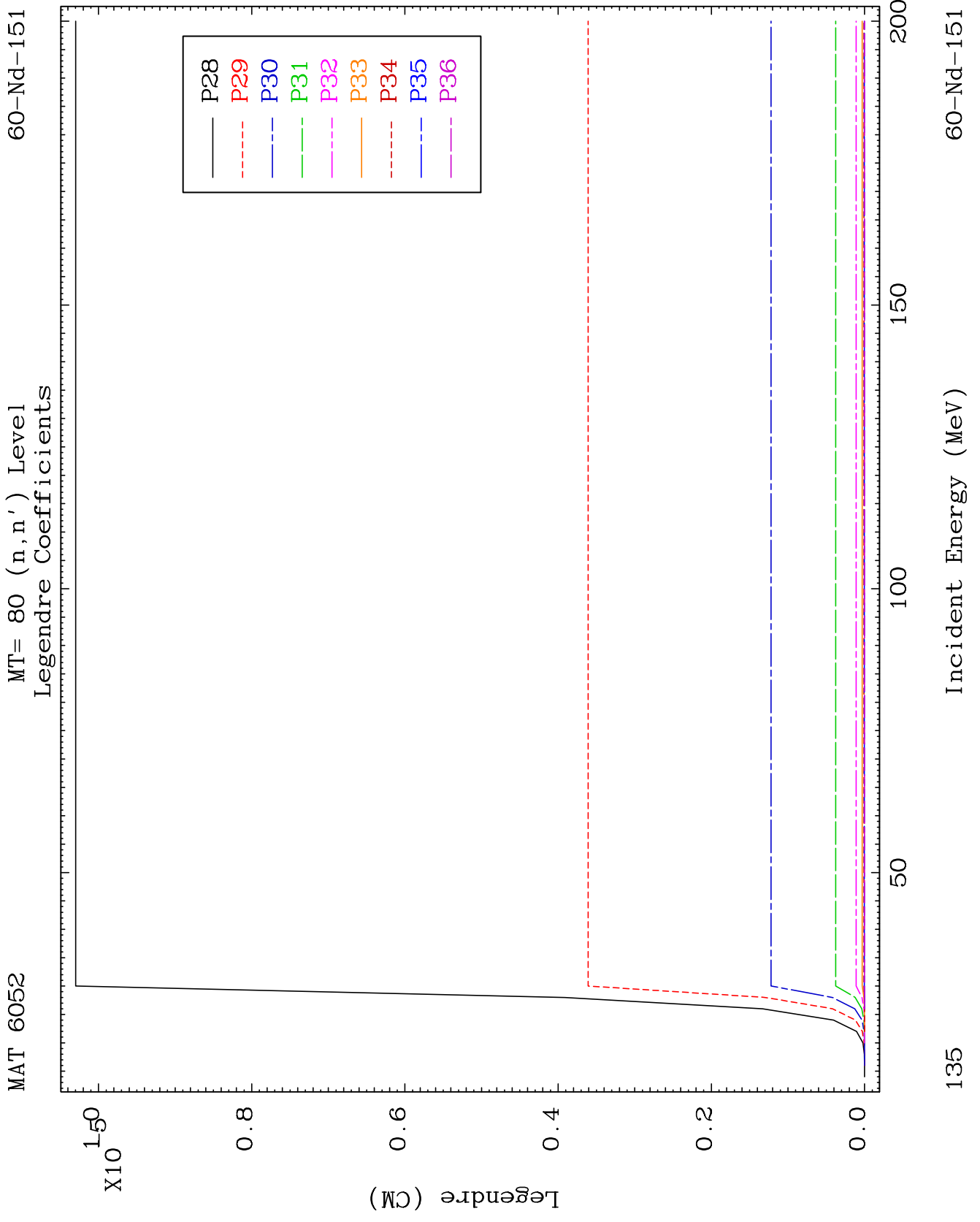
MT= 80 (n,n') Level
Legendre Coefficients

60-Nd-151



134

60-Nd-151

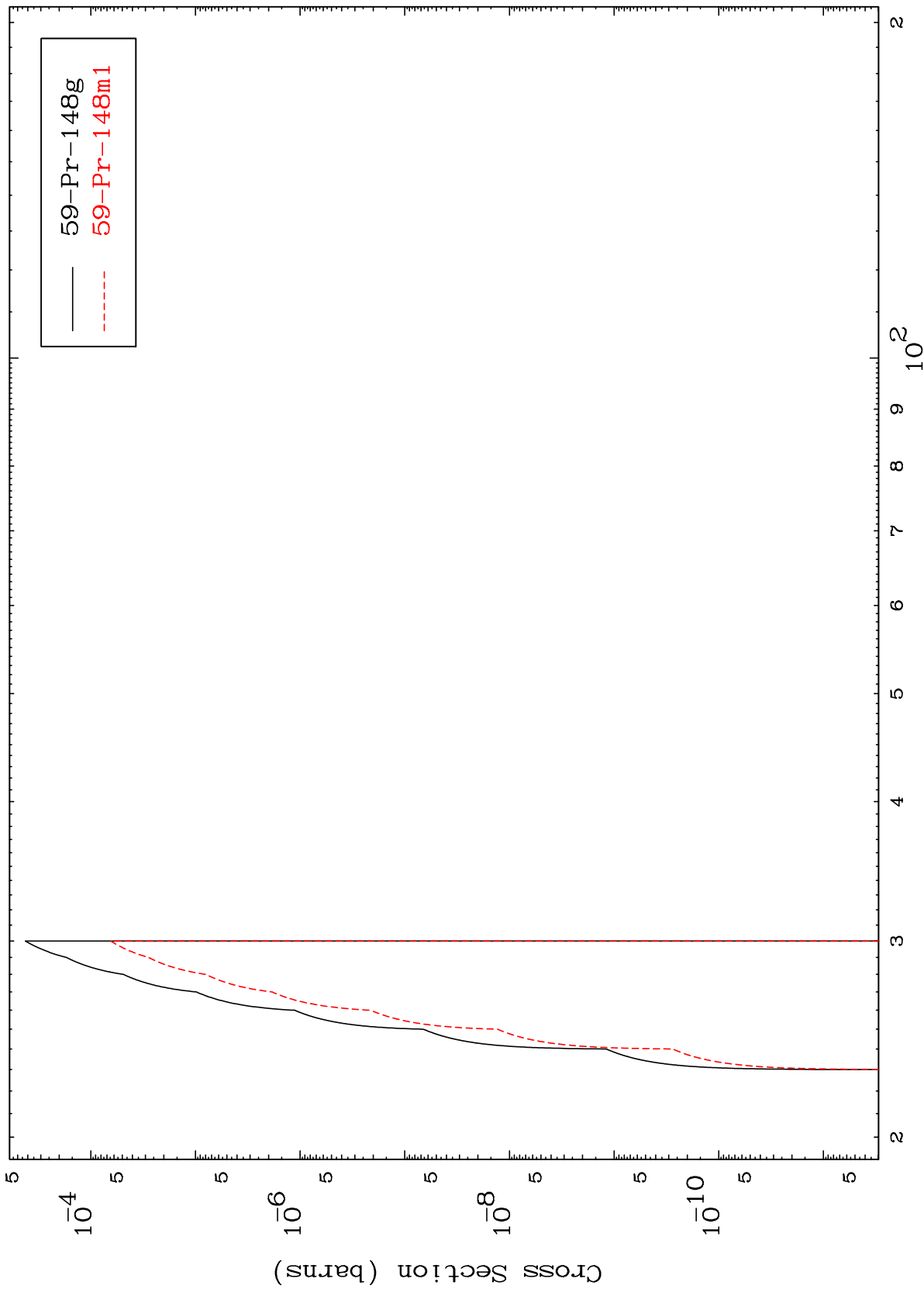


MAT 6052

(n,2n) d

60-Nd-151

Radionuclide Production Cross Section



136

Incident Energy (MeV)

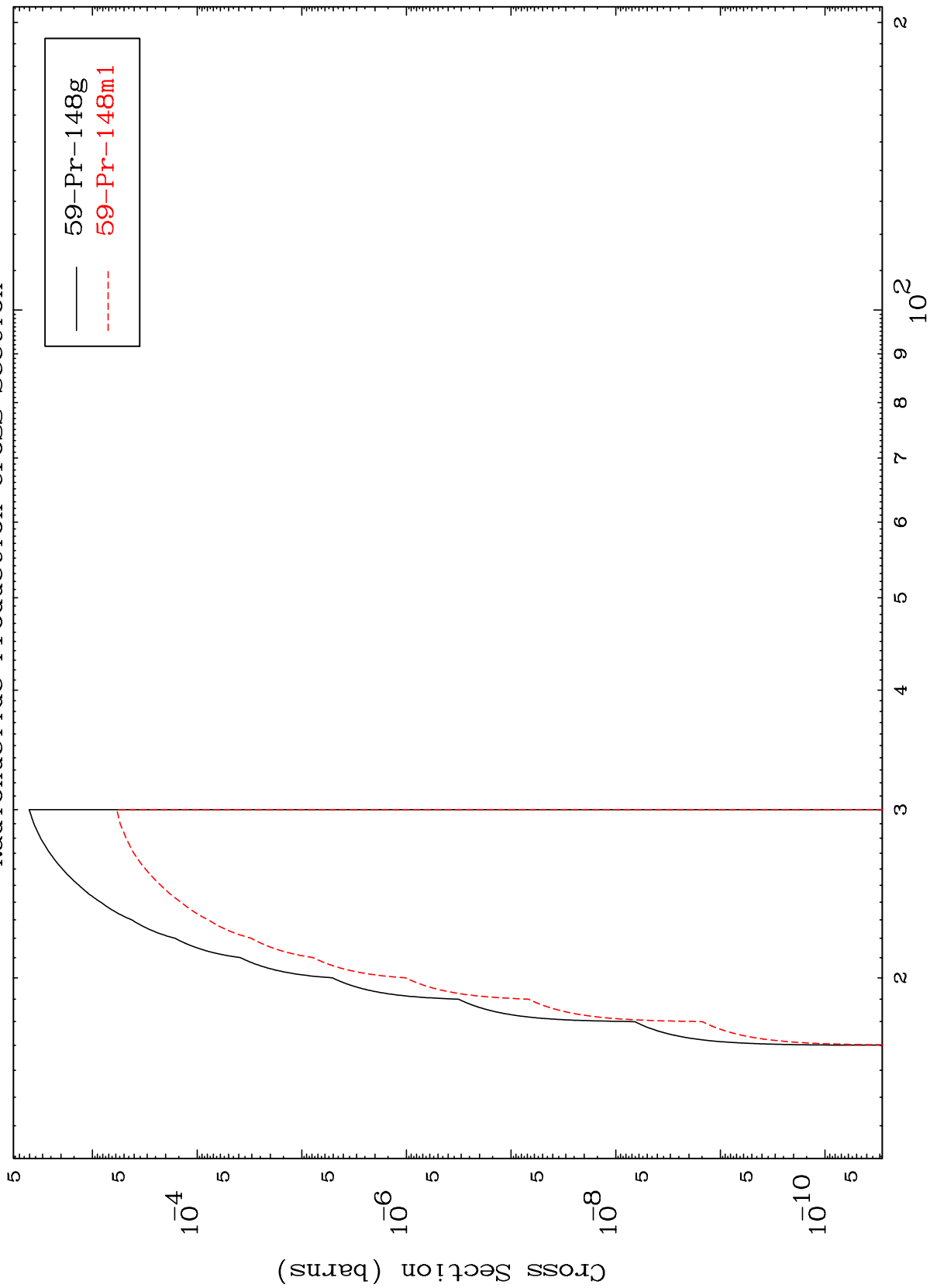
60-Nd-151

MAT 6052

(n,n') t

60-Nd-151

Radionuclide Production Cross Section



137

Incident Energy (MeV)

60-Nd-151

