

Program EVALPLOT
(Version 2021-1)

by

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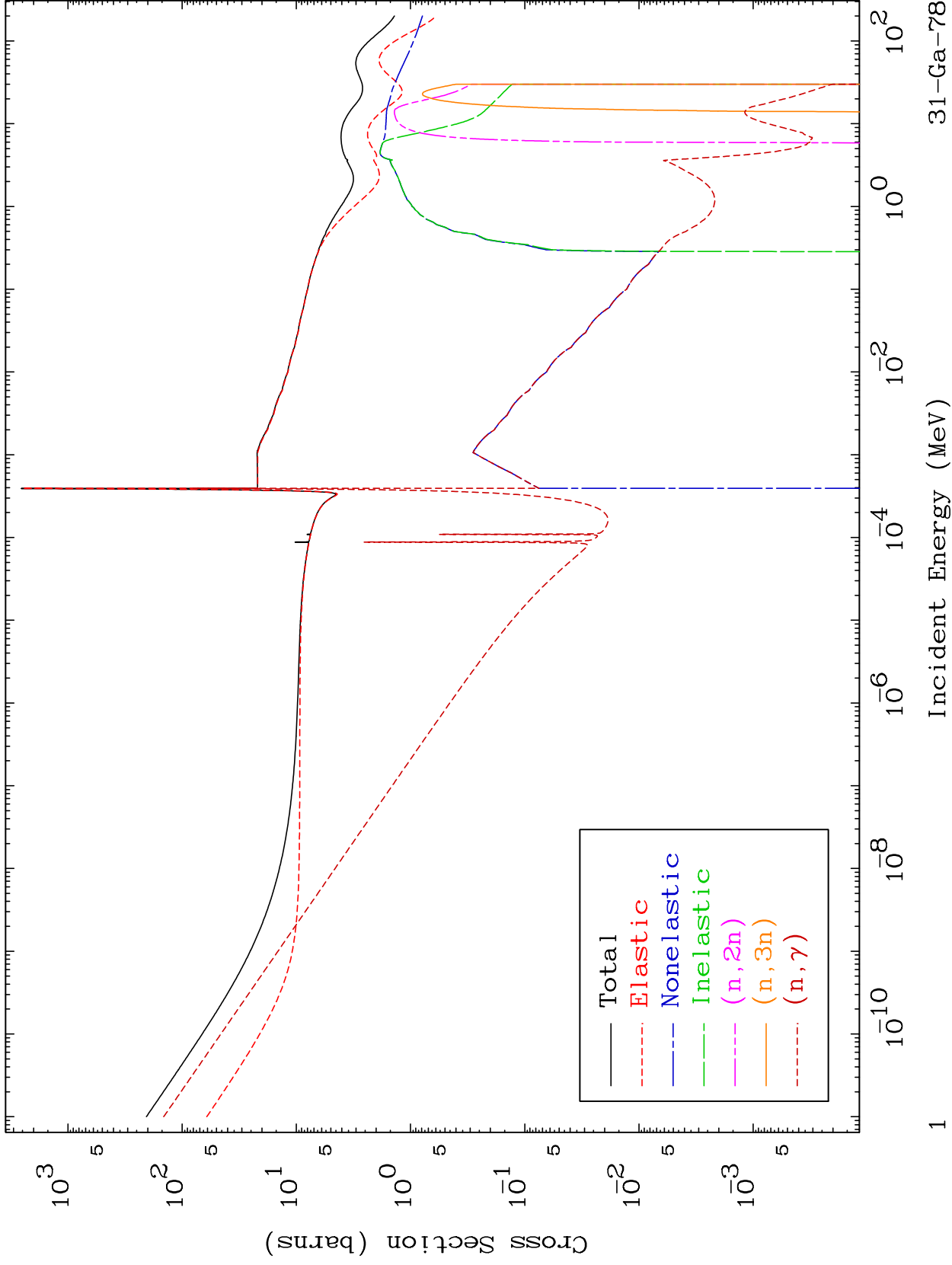
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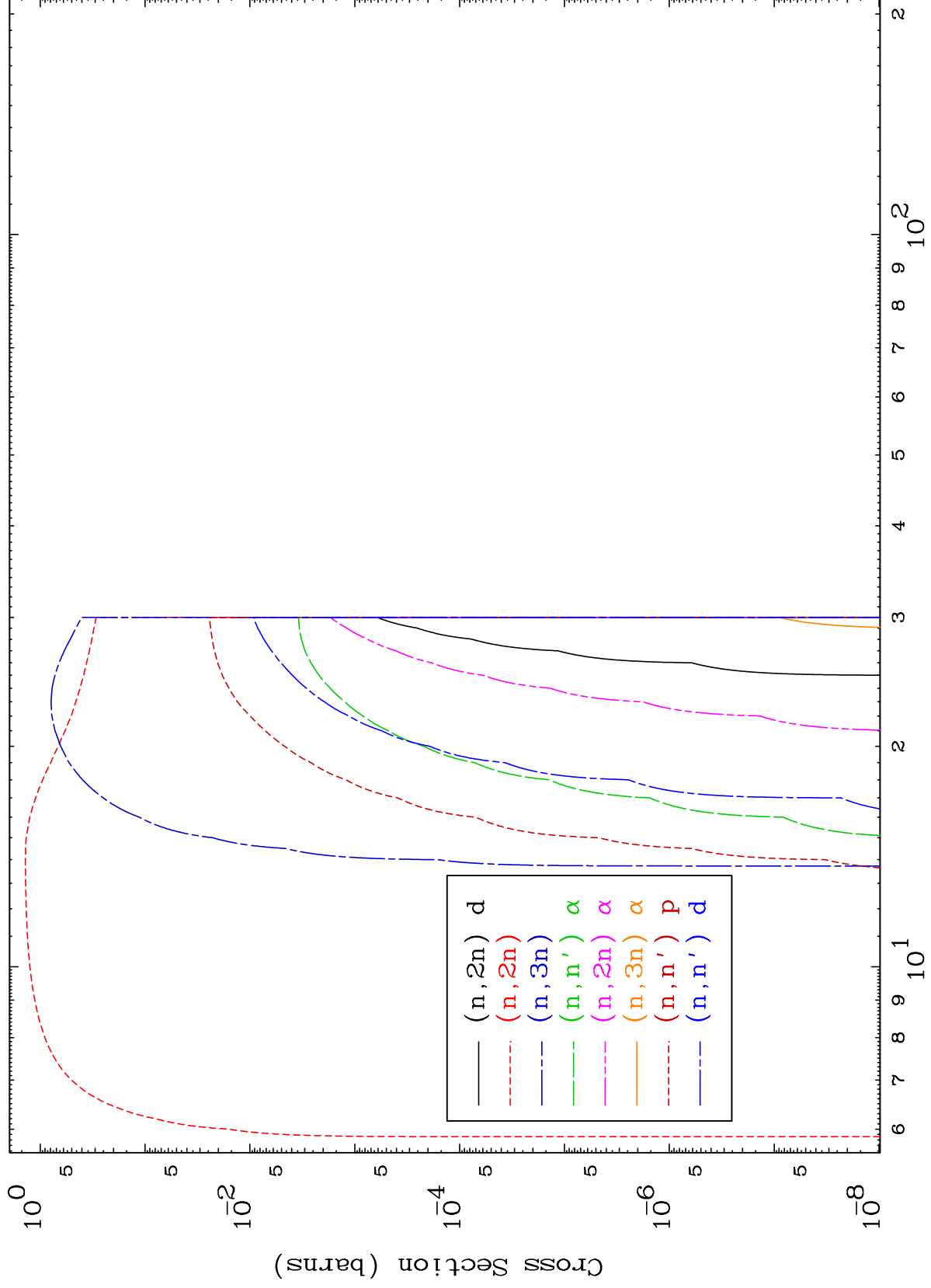
Press Mouse Button to Start

MAT 3152

Neutron Major
293 Kelvin Cross Sections

31-Ga-78

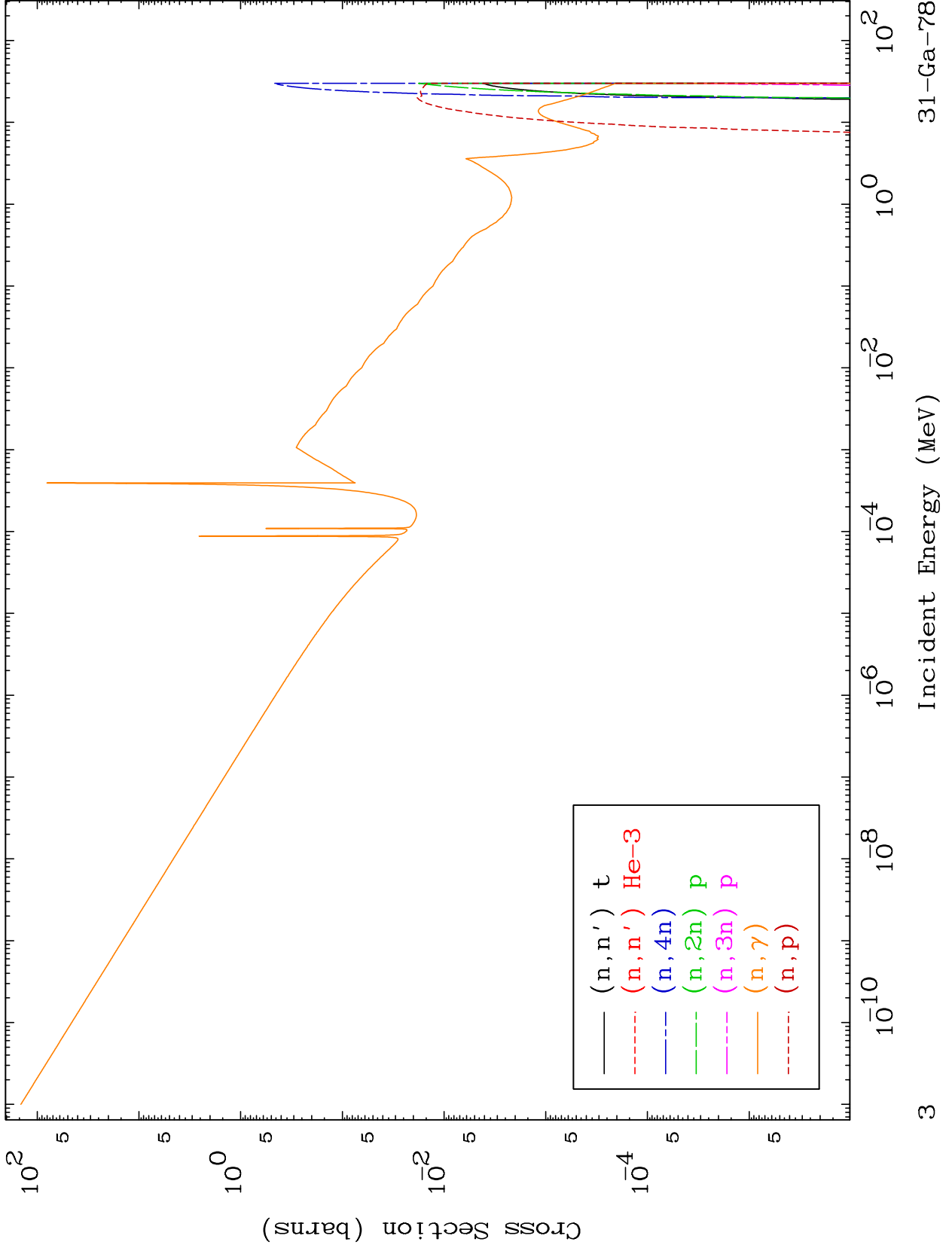




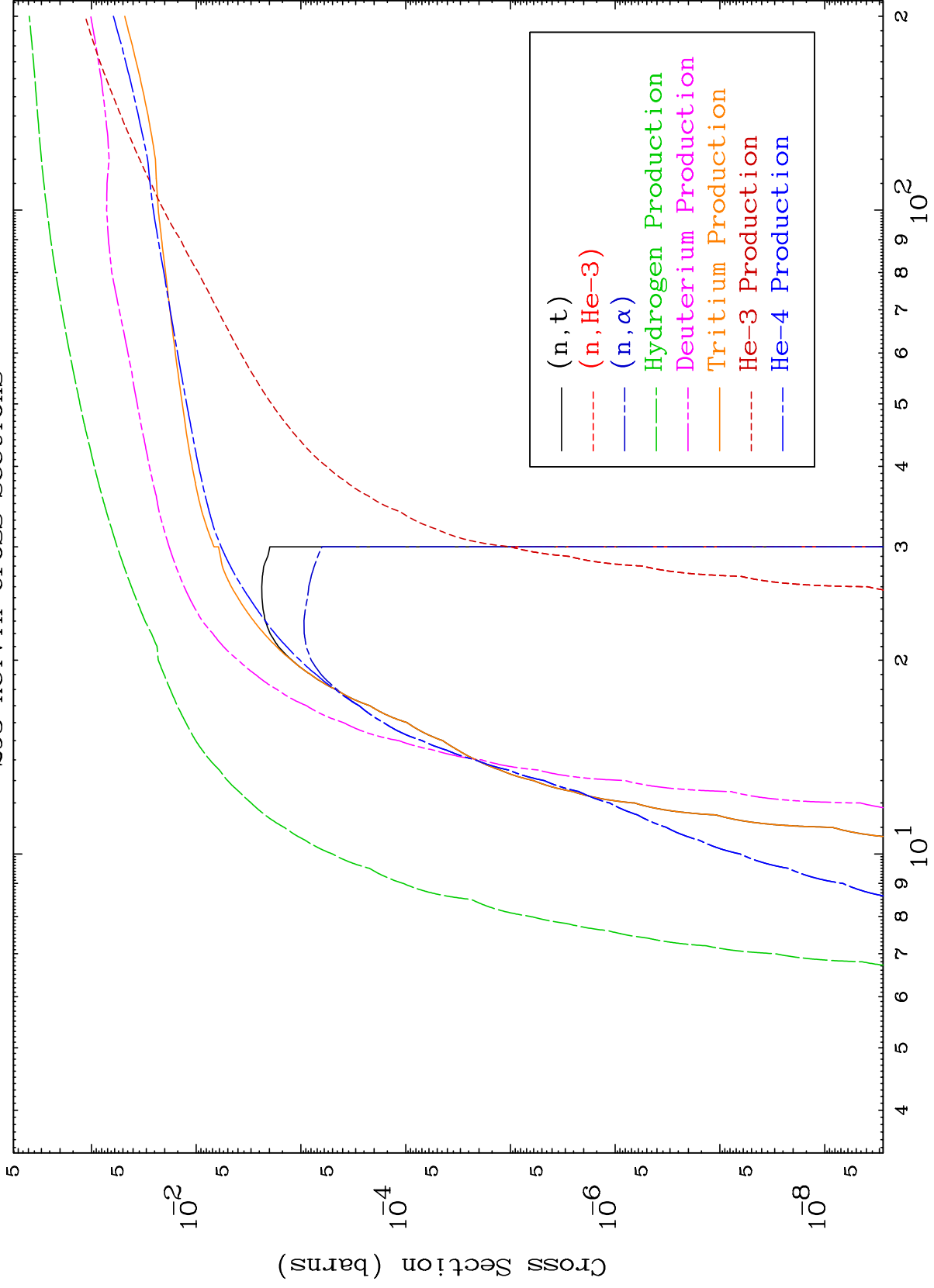
MAT 3152

Neutron Absorption
293 Kelvin Cross Sections

31-Ga-78



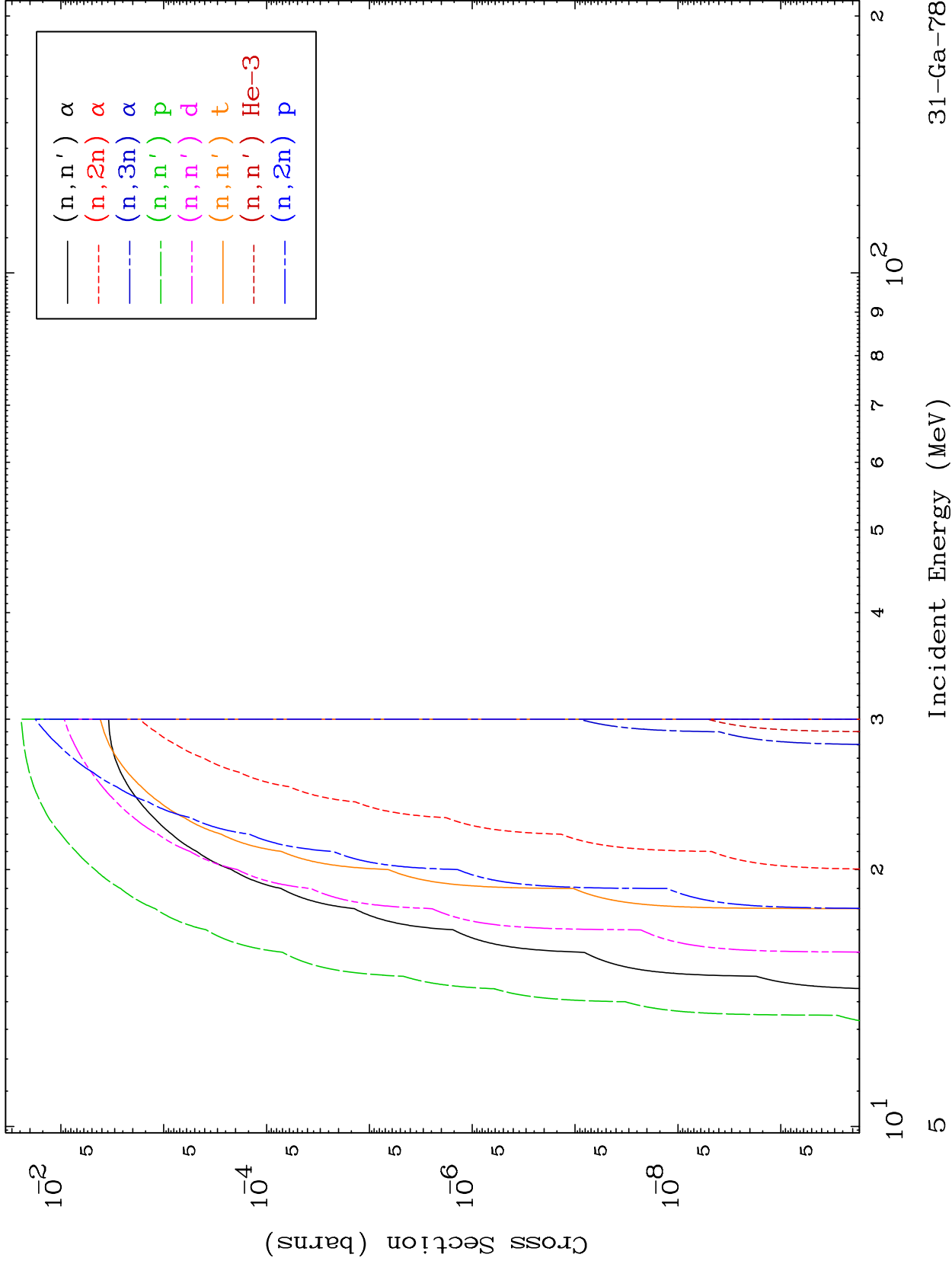
Neutron Absorption
293 Kelvin Cross Sections



MAT 3152

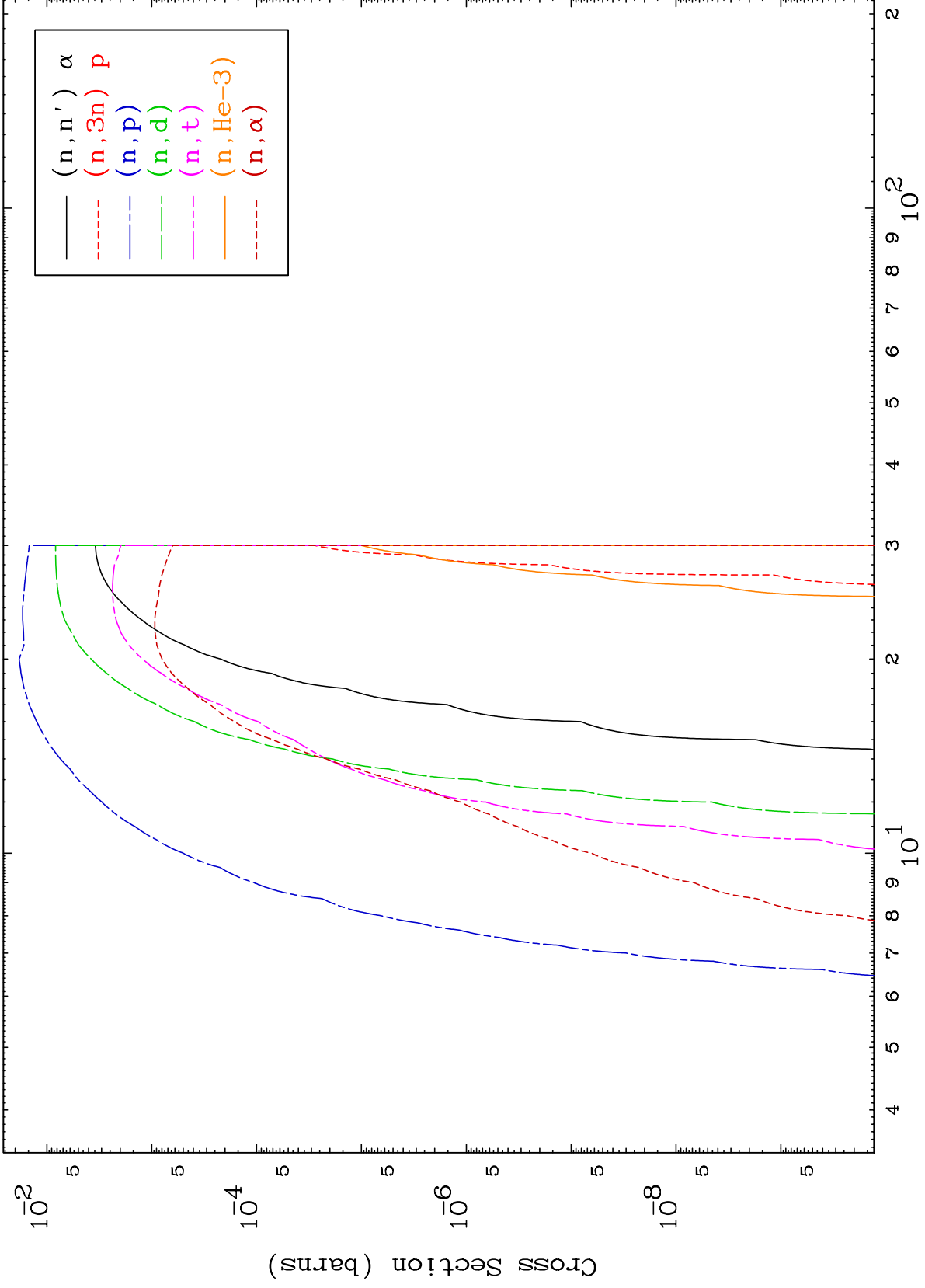
Charged Particle
293 Kelvin Cross Sections

31-Ga-78



31-Ga-78

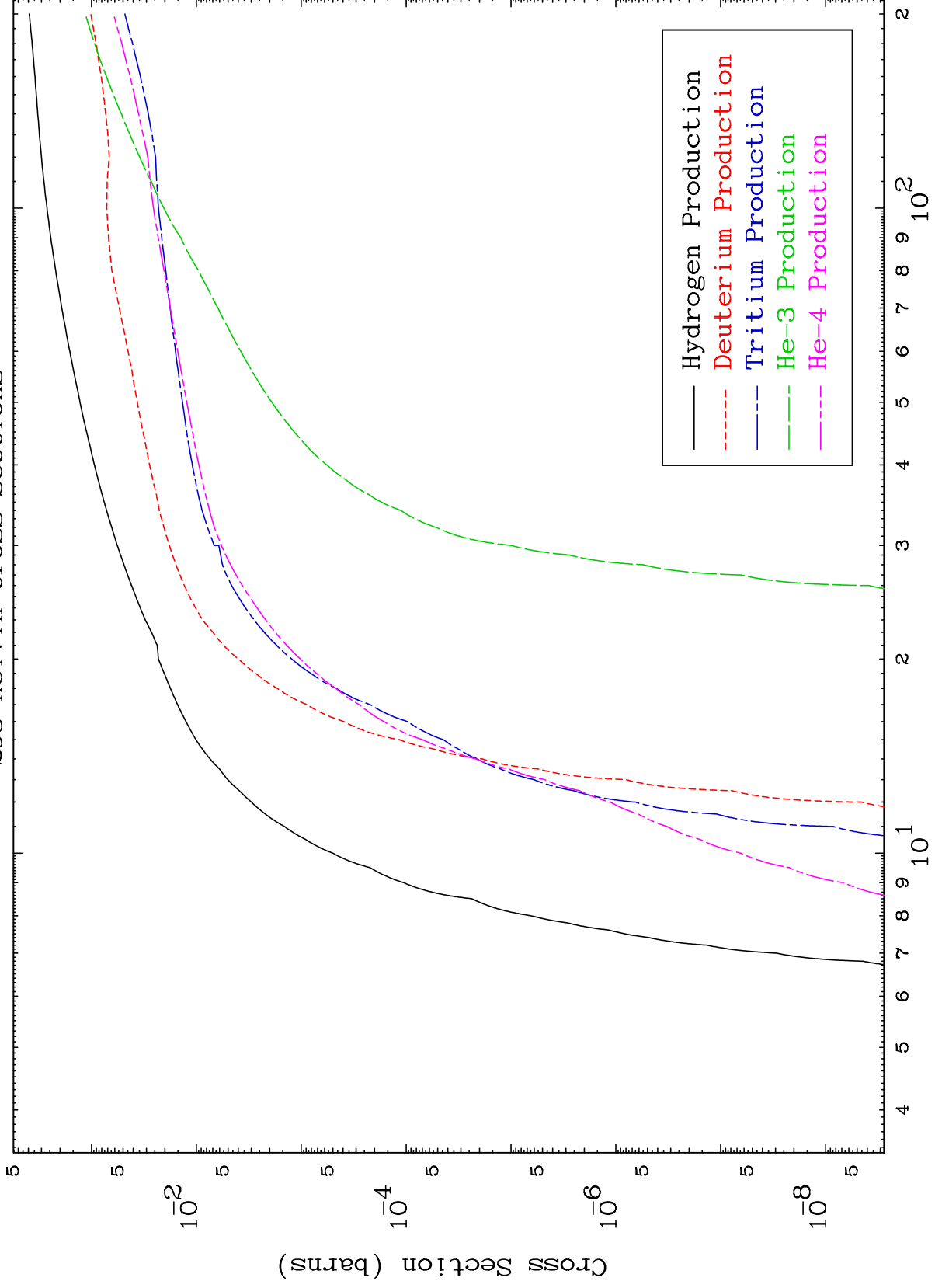
Incident Energy (MeV)



MAT 3152

Particle Production
293 Kelvin Cross Sections

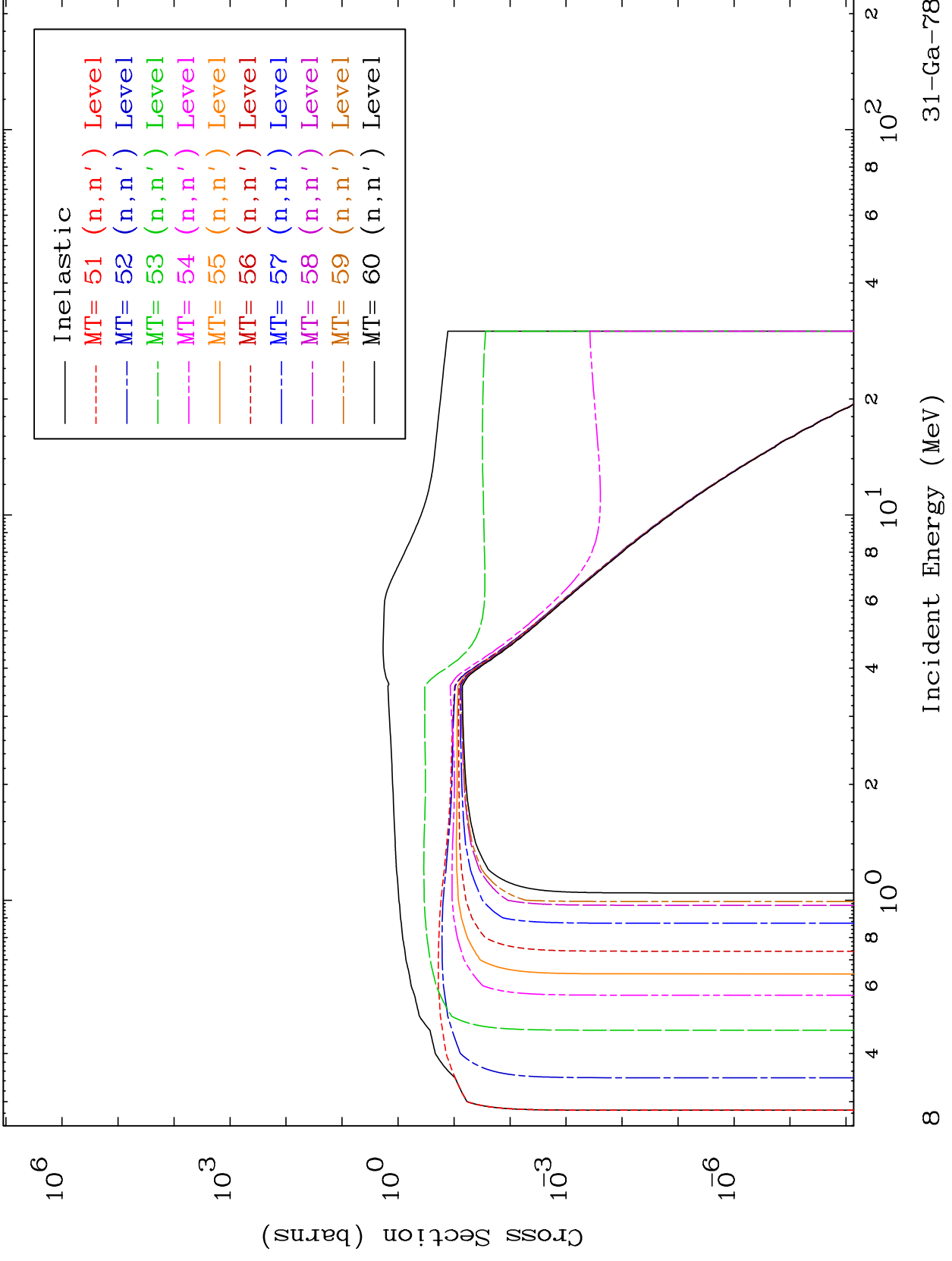
31-Ga-78



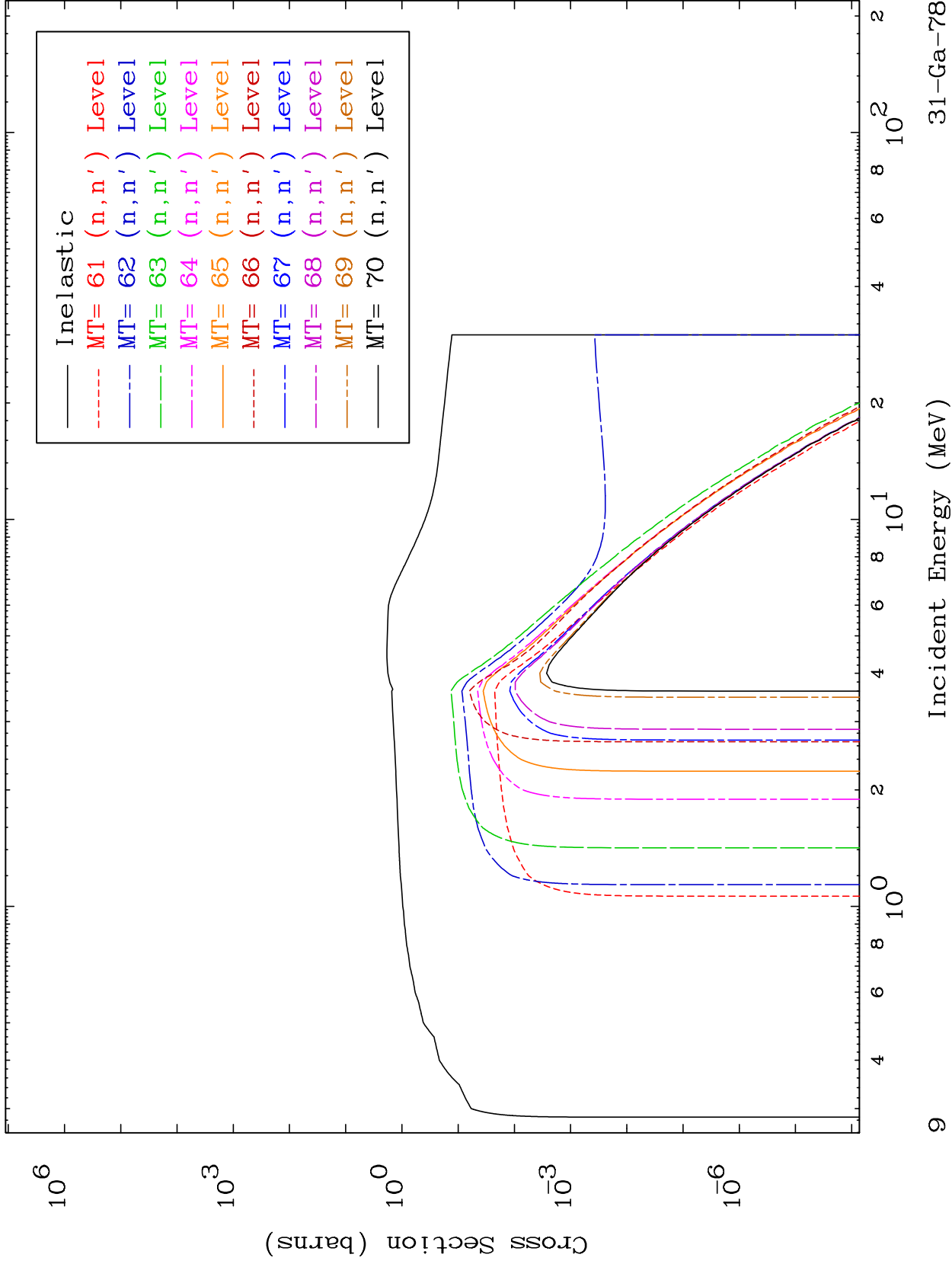
7

Incident Energy (MeV)

31-Ga-78



293 Kelvin Cross Sections

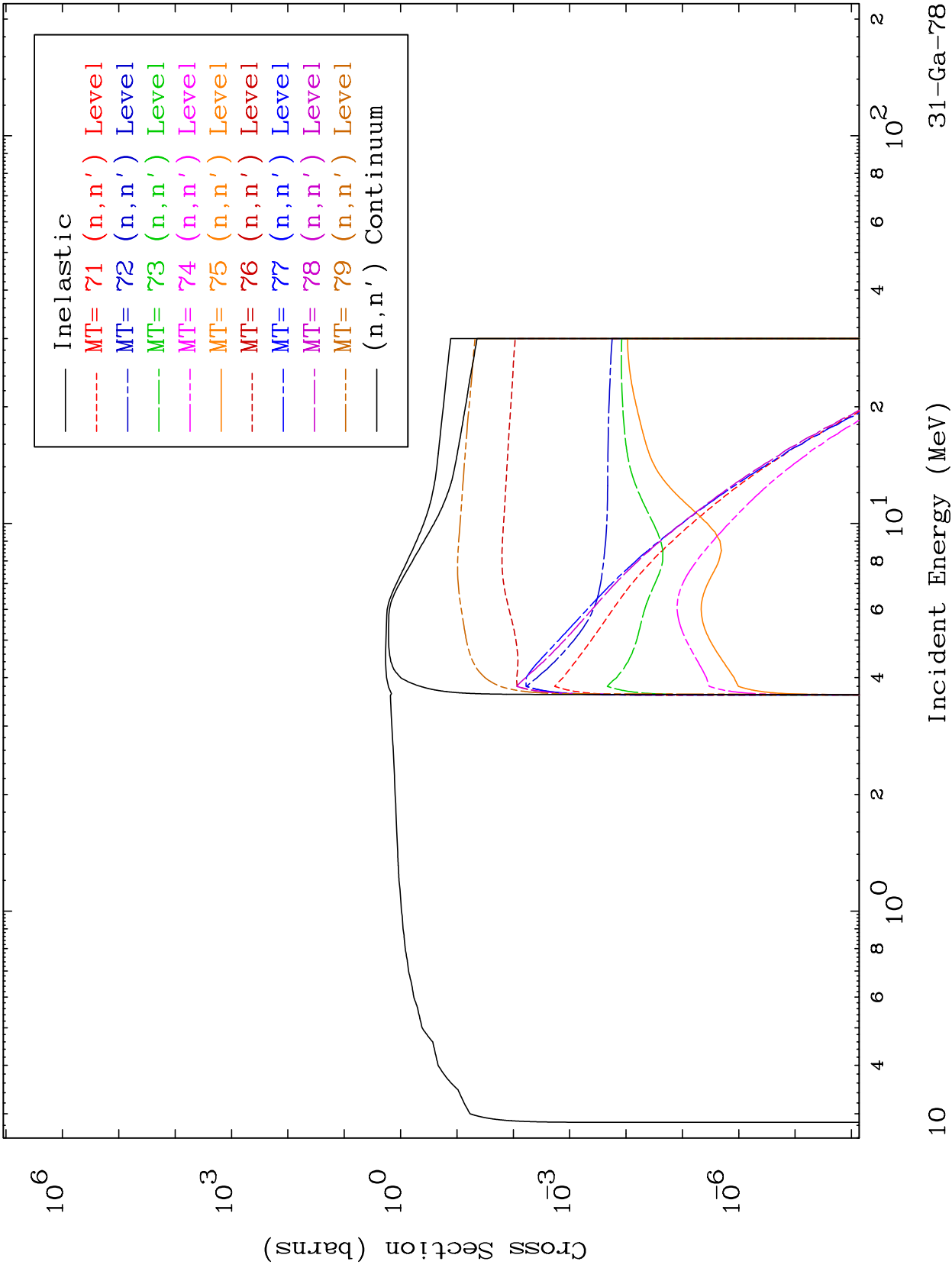


MAT 3152

(n,n') Levels

293 Kelvin Cross Sections

31-Ga-78



10

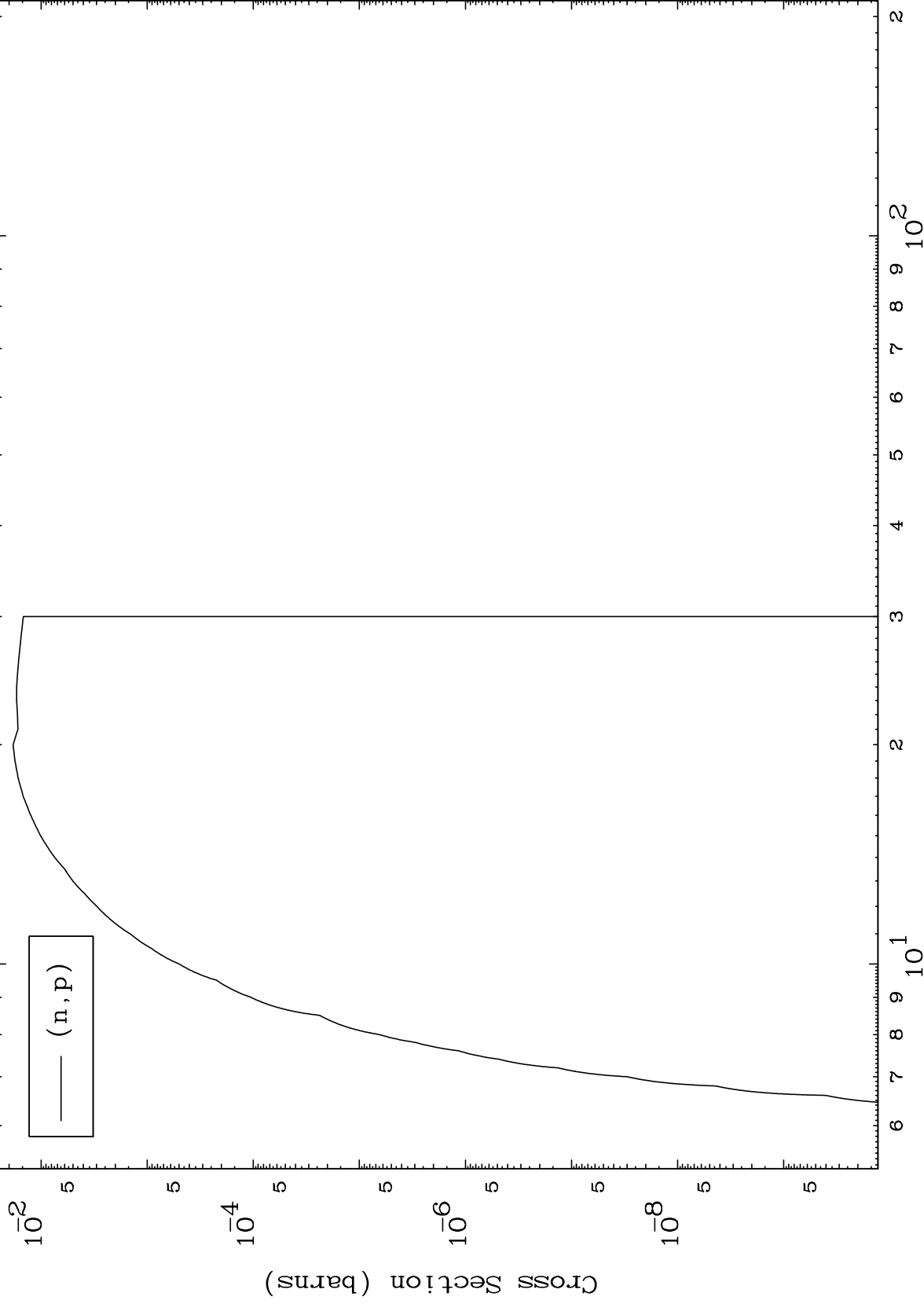
Incident Energy (MeV)

31-Ga-78

MAT 3152

(n,p) Levels
293 Kelvin Cross Sections

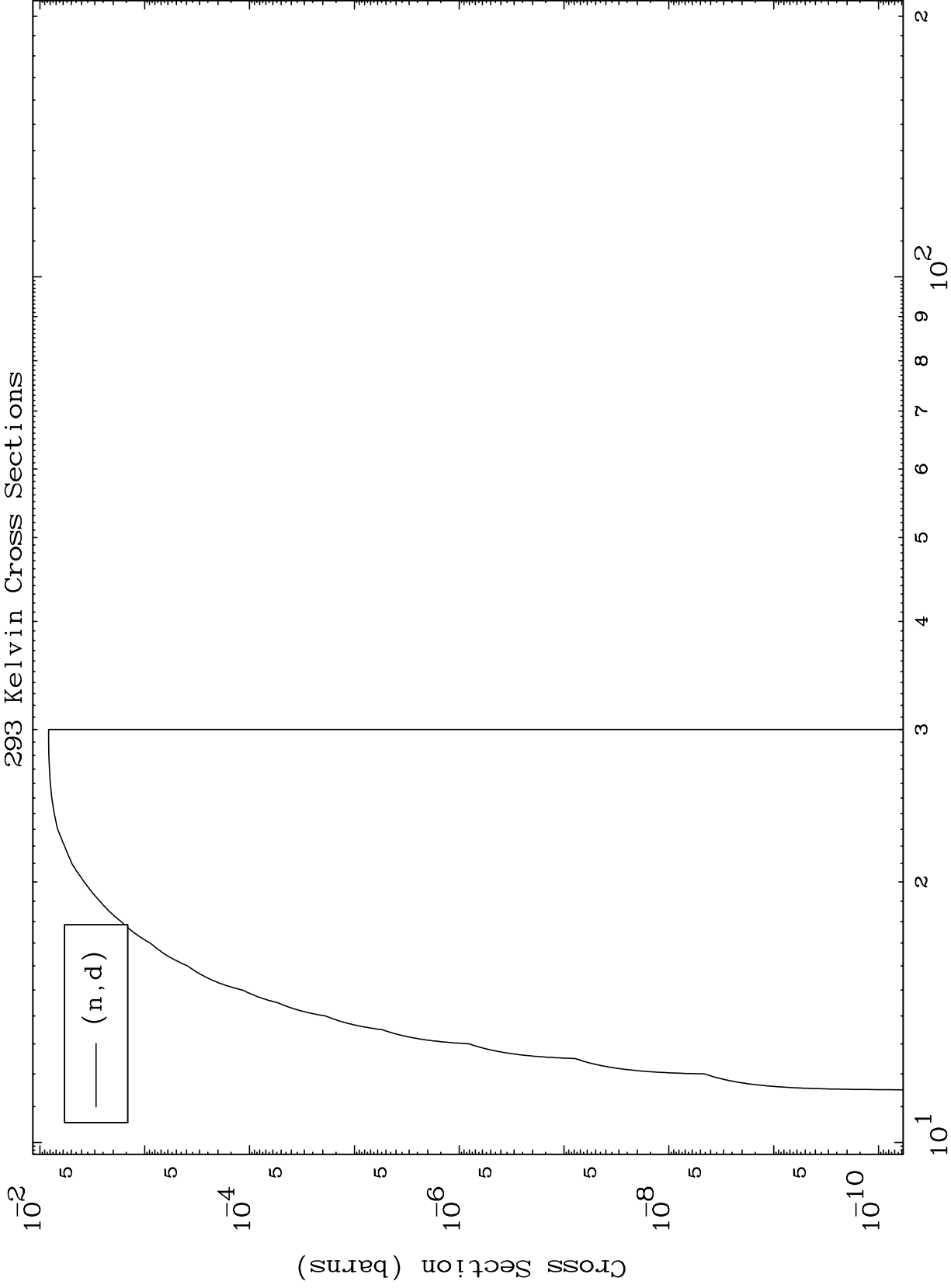
31-Ga-78



MAT 3152

(n,d) Levels
293 Kelvin Cross Sections

31-Ga-78



31-Ga-78

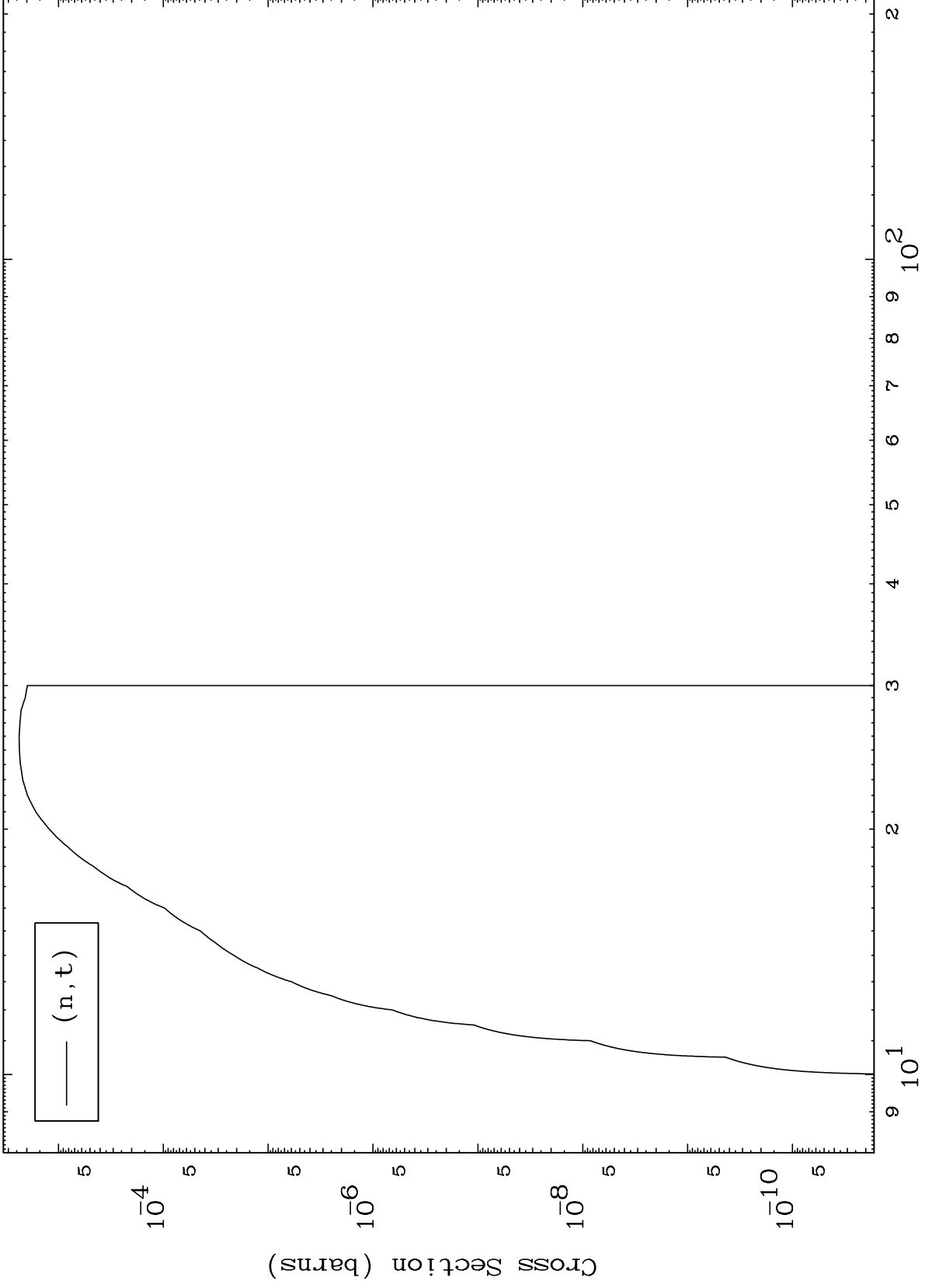
Incident Energy (MeV)

12

MAT 3152

(n,t) Levels
293 Kelvin Cross Sections

31-Ga-78



13

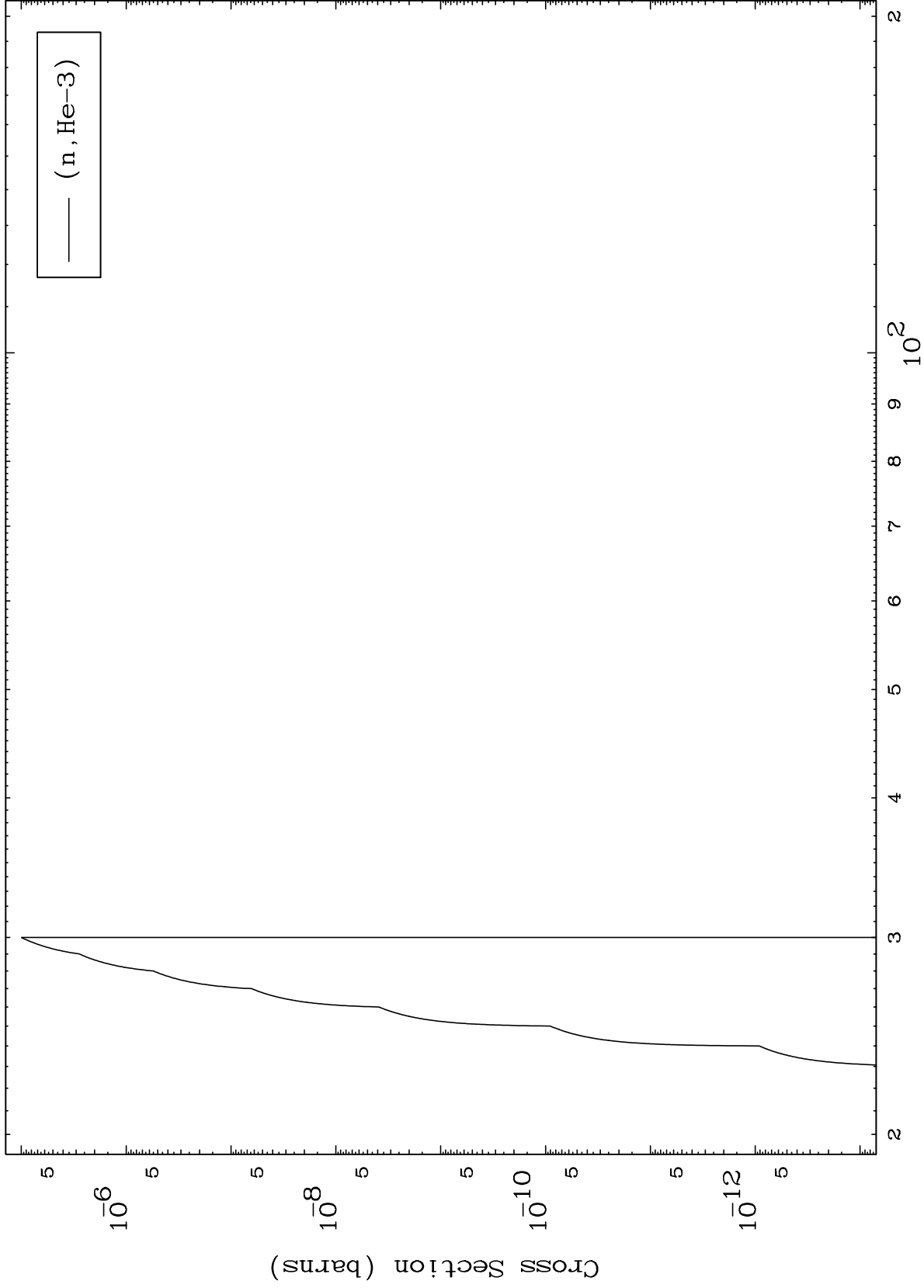
Incident Energy (MeV)

31-Ga-78

MAT 3152

(n,He3) Levels
293 Kelvin Cross Sections

31-Ga-78



14

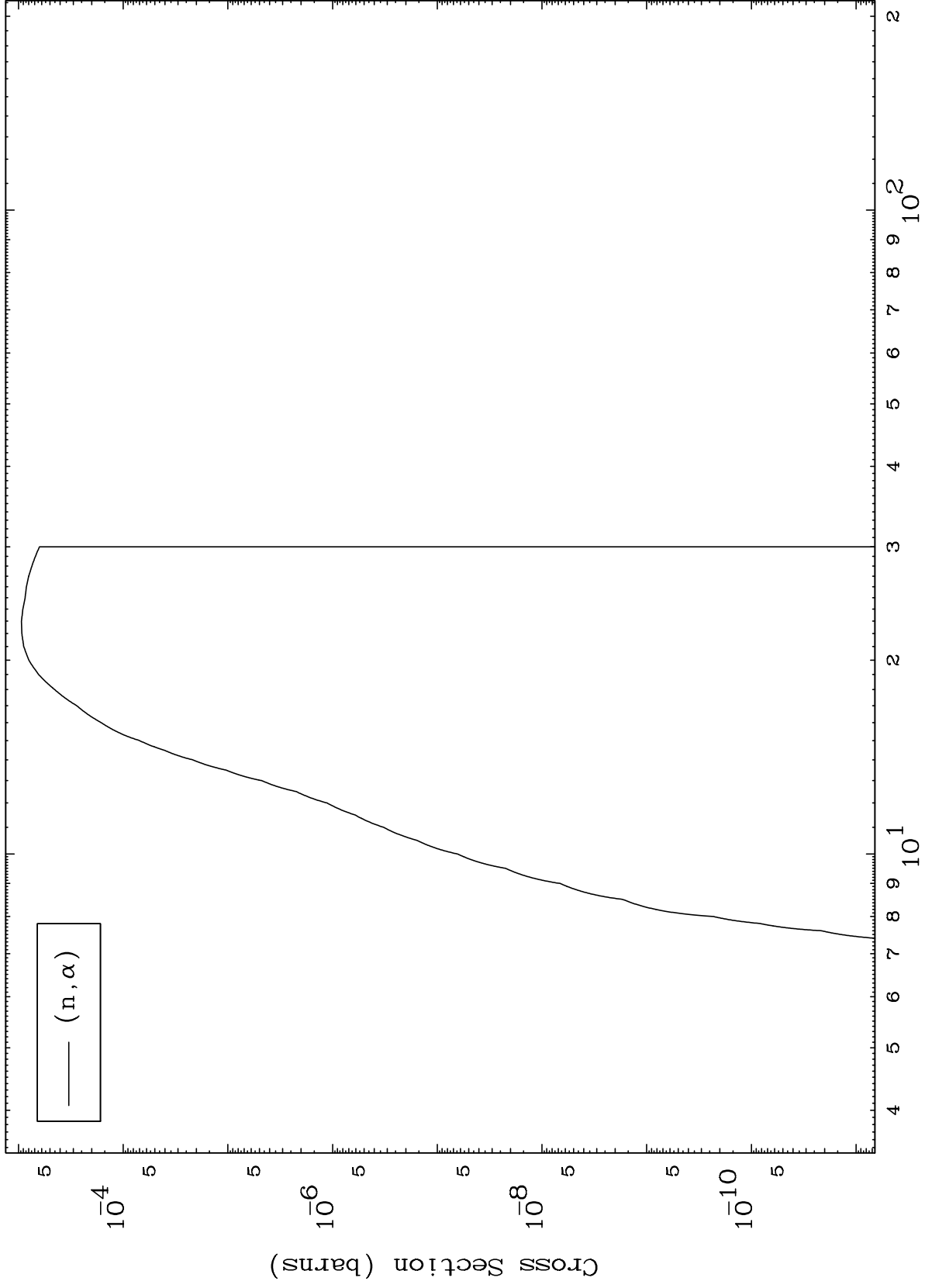
Incident Energy (MeV)

31-Ga-78

MAT 3152

(n, α) Levels
293 Kelvin Cross Sections

31-Ga-78



15

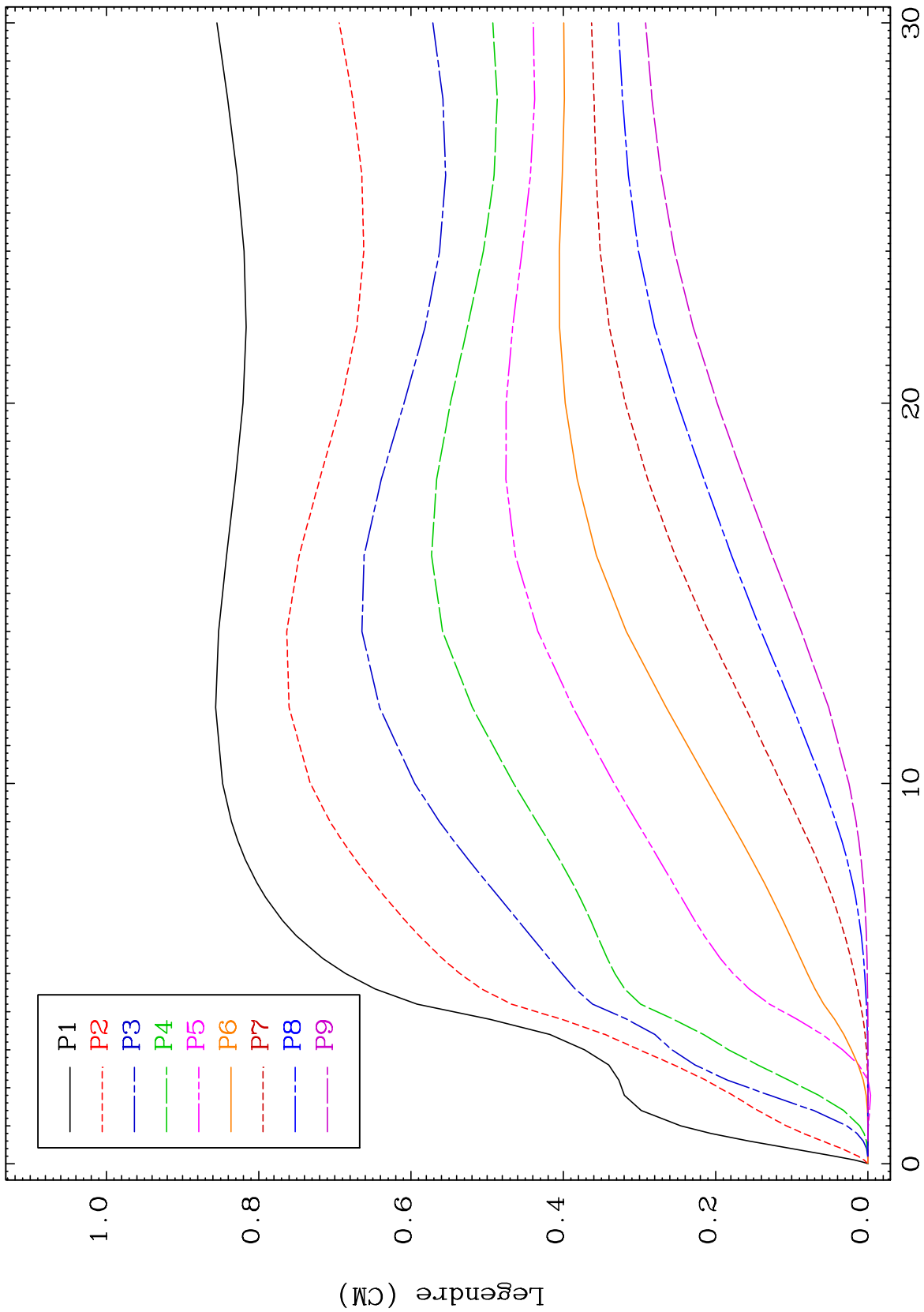
Incident Energy (MeV)

31-Ga-78

MAT 3152

Elastic Legendre Coefficients

³¹Ga-78



16

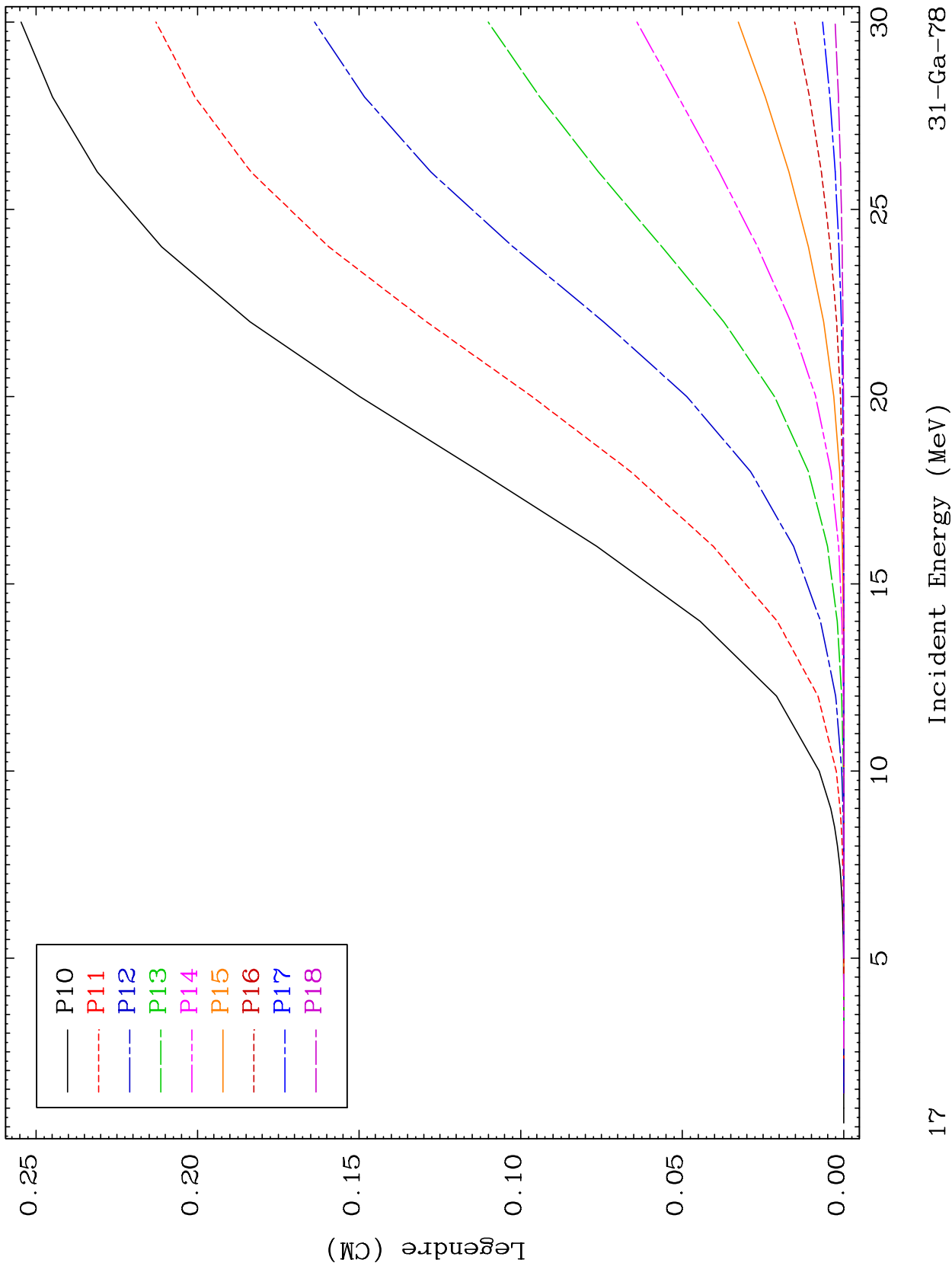
Incident Energy (MeV)

³¹Ga-78

MAT 3152

Elastic Legendre Coefficients

³¹Ga-78



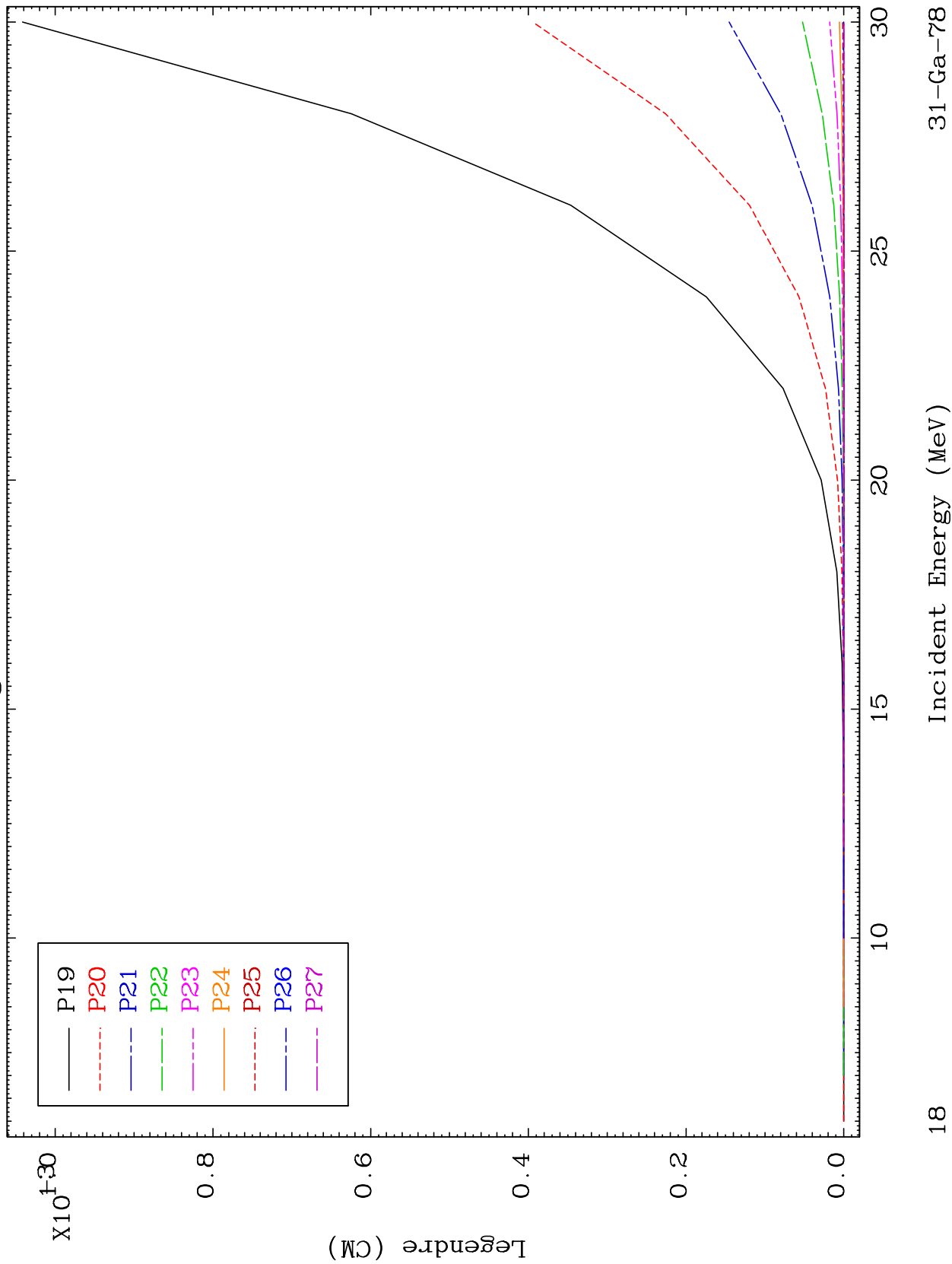
17

³¹Ga-78

MAT 3152

Elastic Legendre Coefficients

31-Ga-78



18

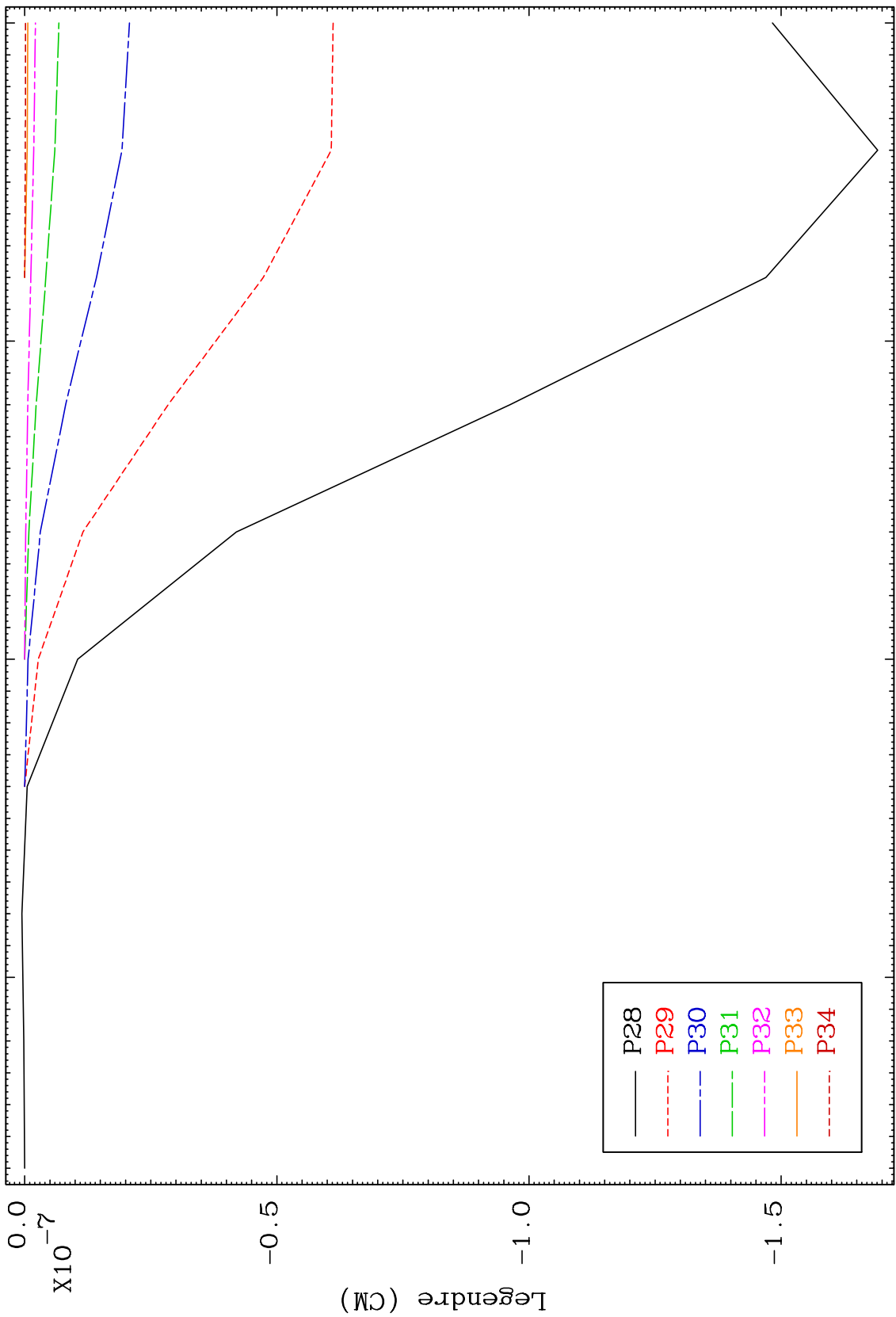
Incident Energy (MeV)

31-Ga-78

MAT 3152

31-Ga-78

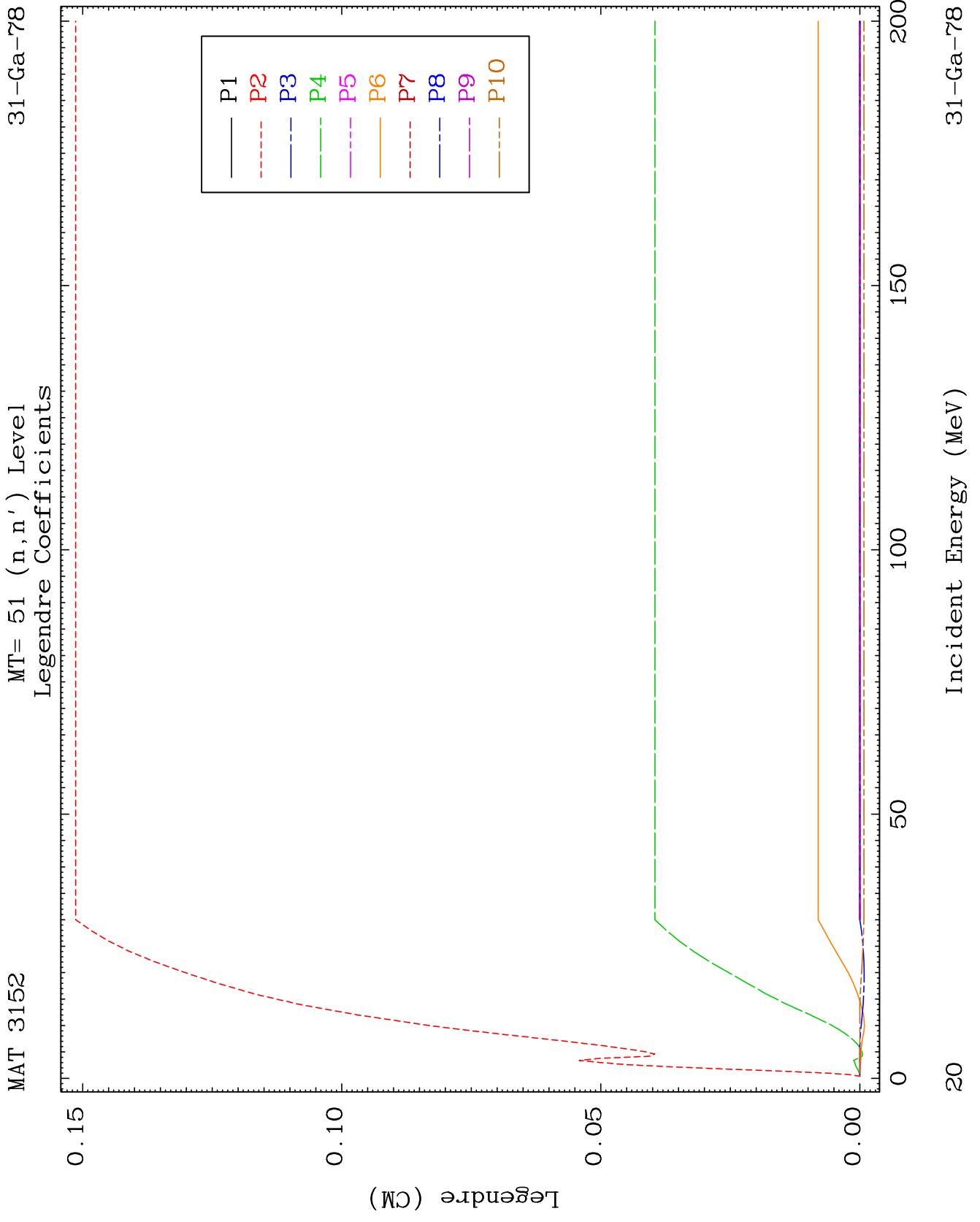
Elastic Legendre Coefficients

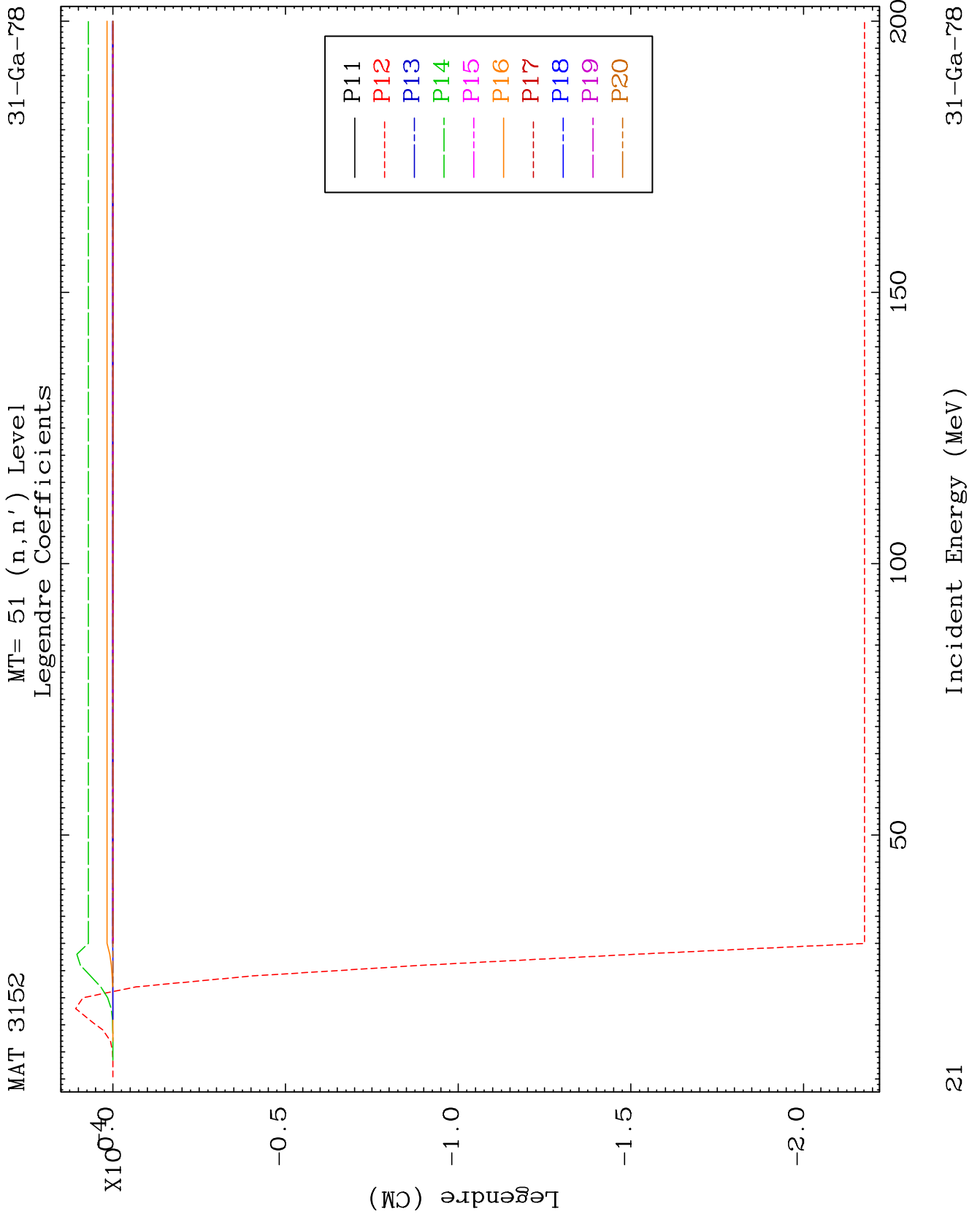


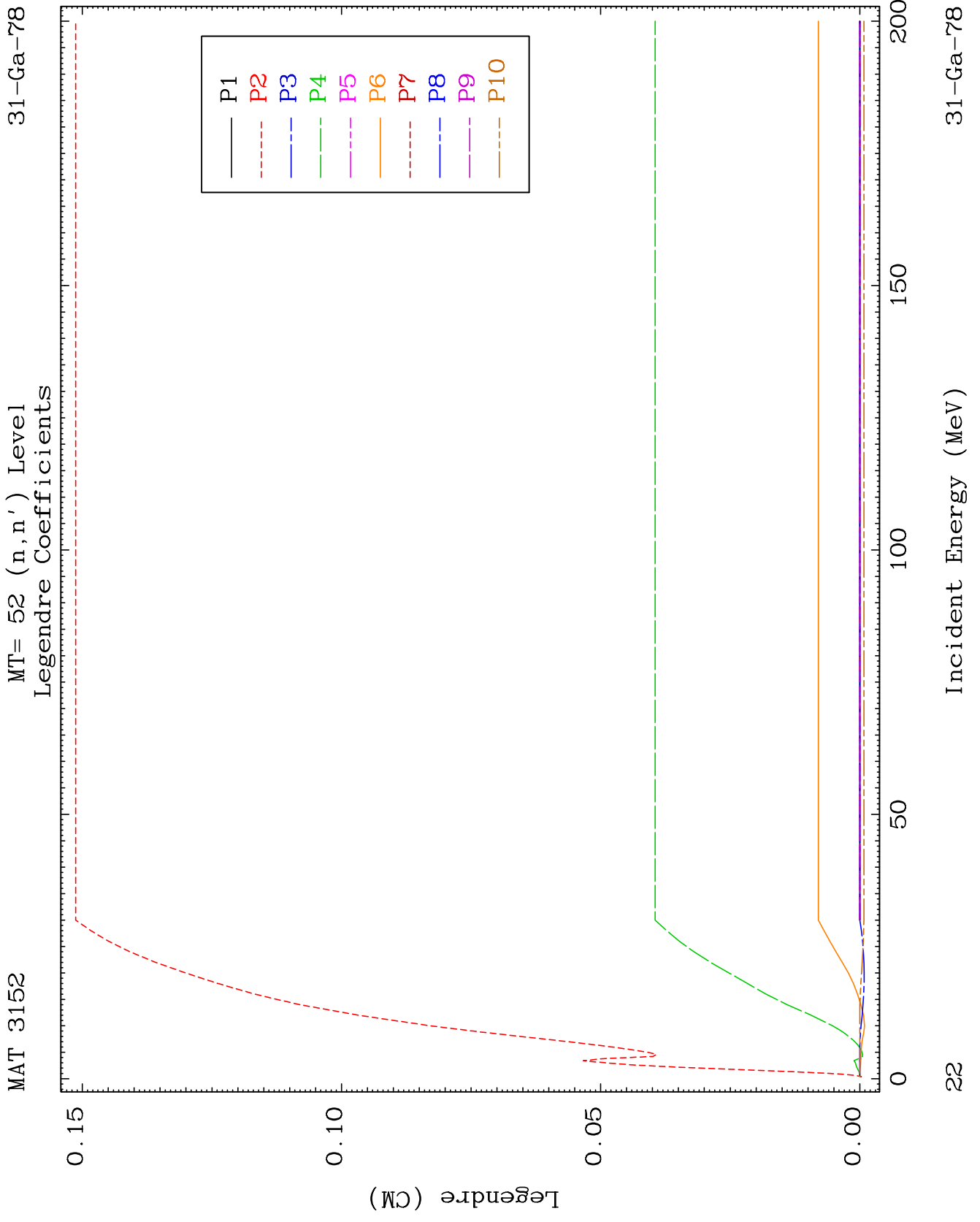
19

Incident Energy (MeV)

31-Ga-78



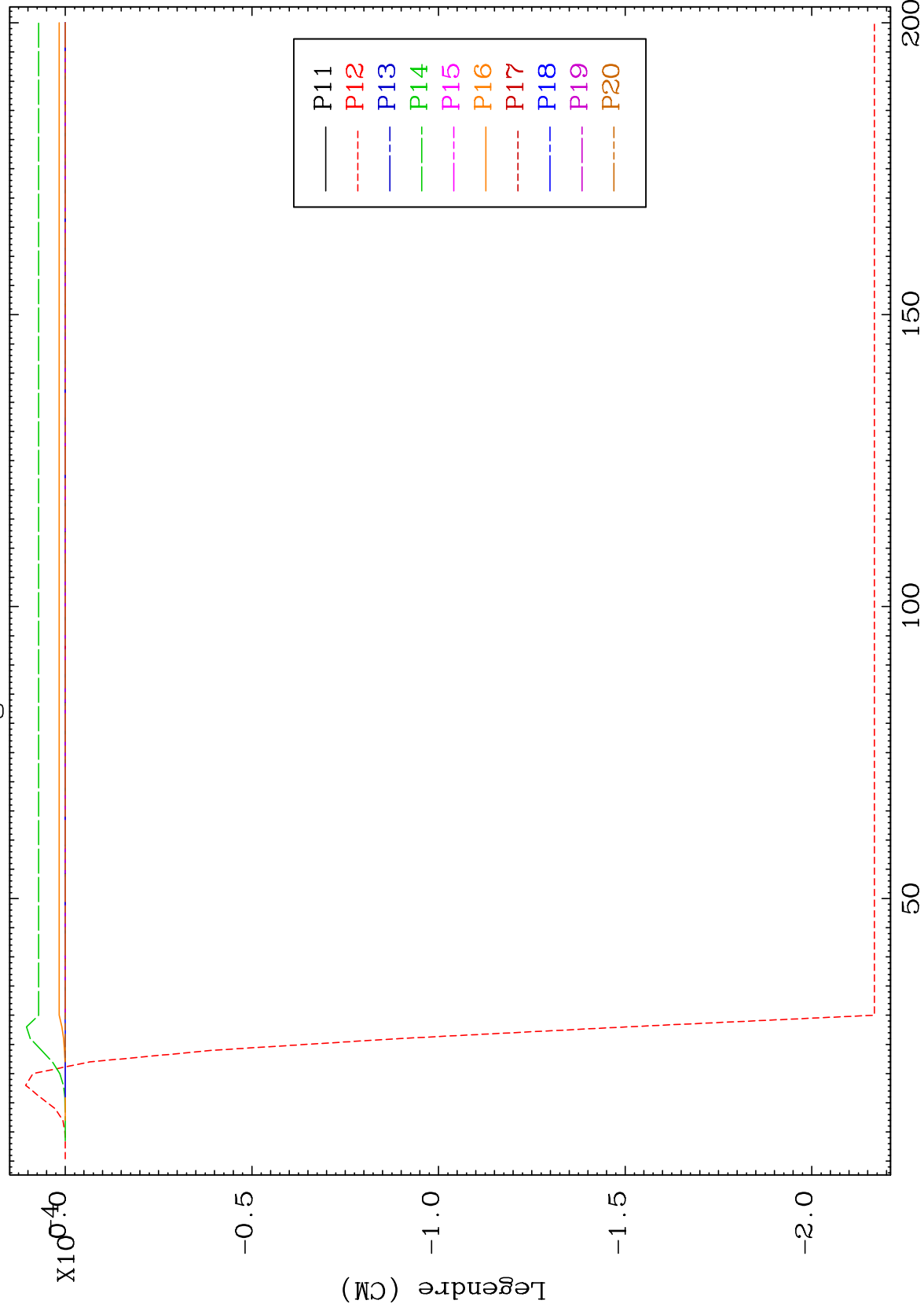




MAT 3152

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

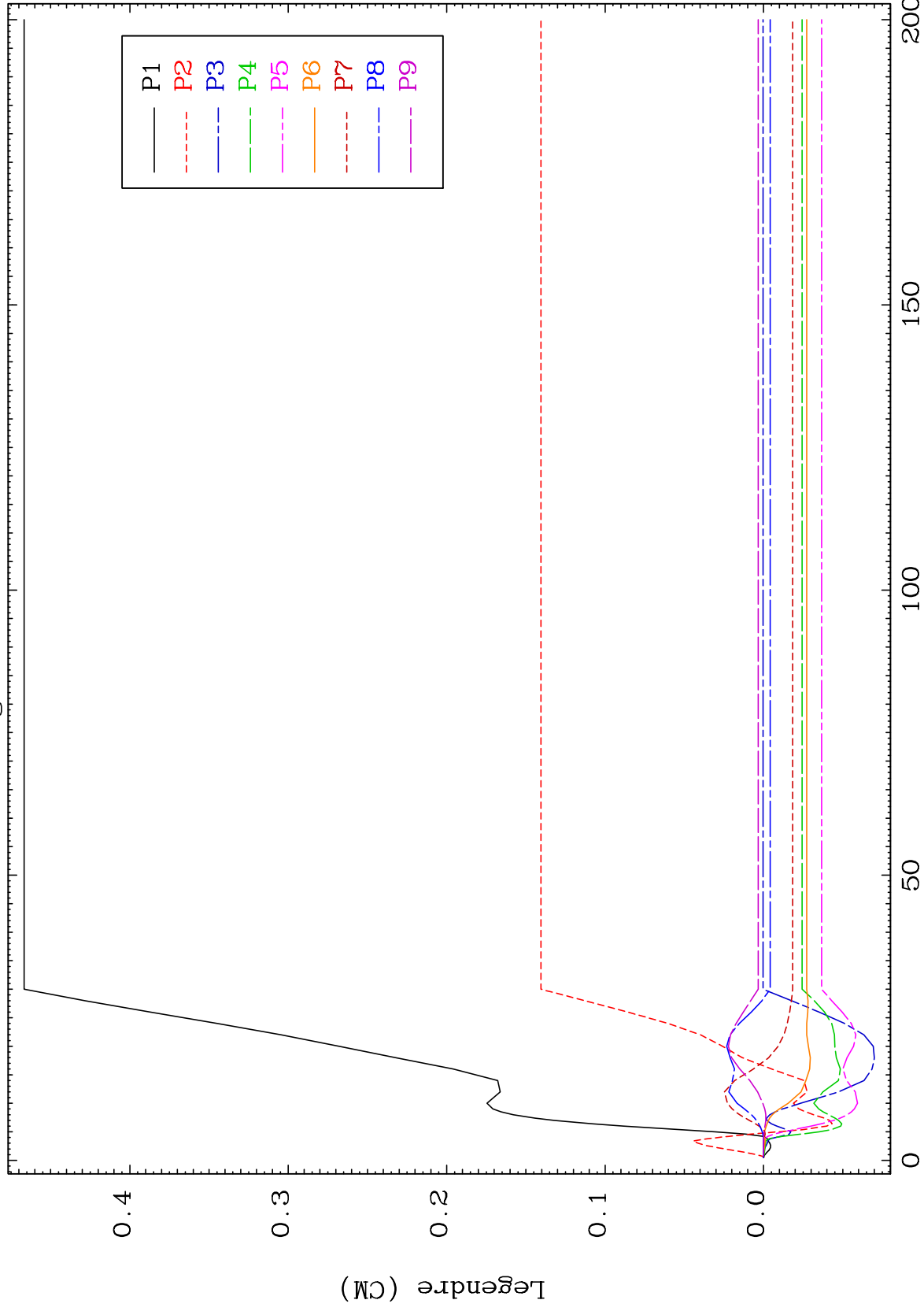
31-Ga-78



MAT 3152

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

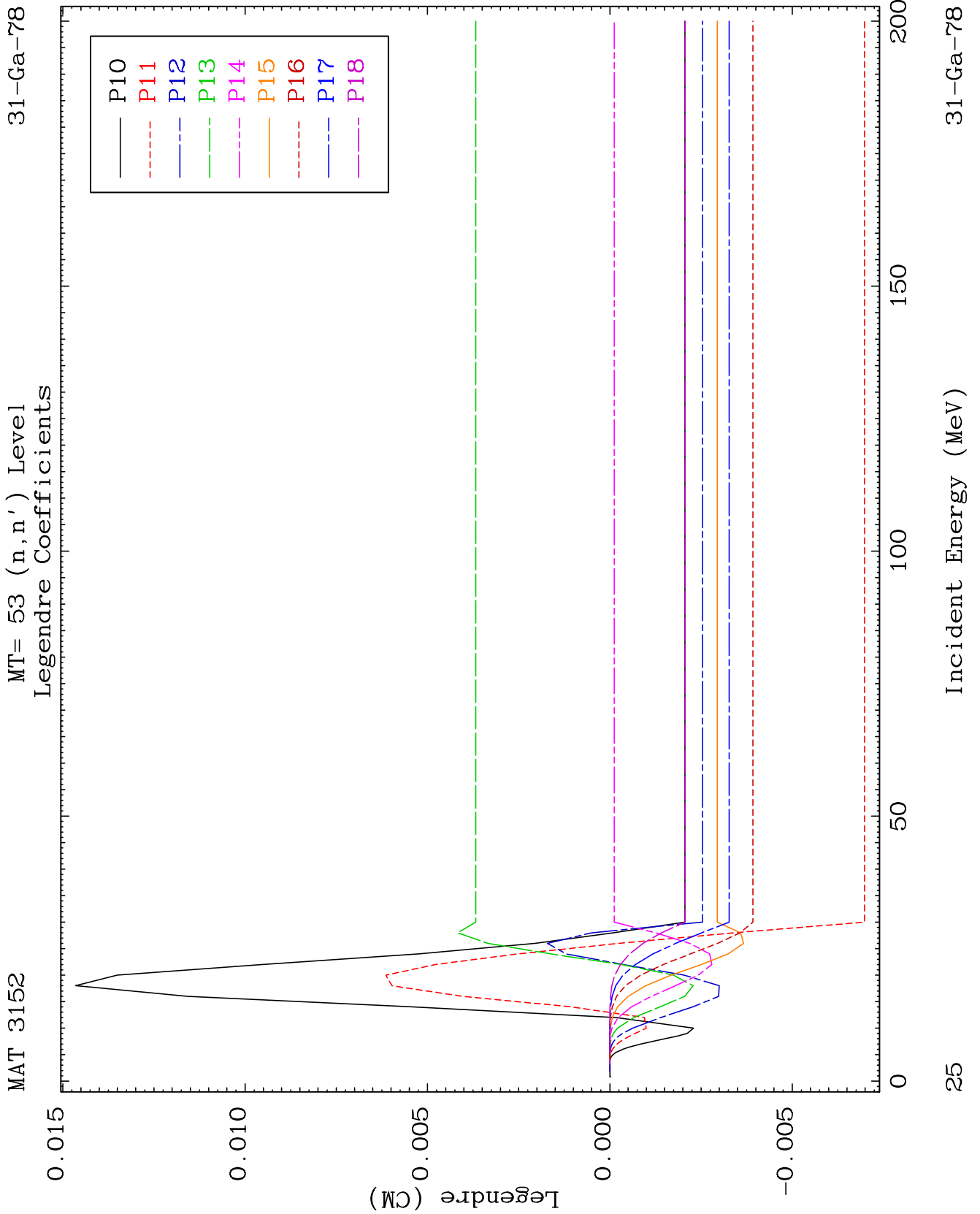
31-Ga-78

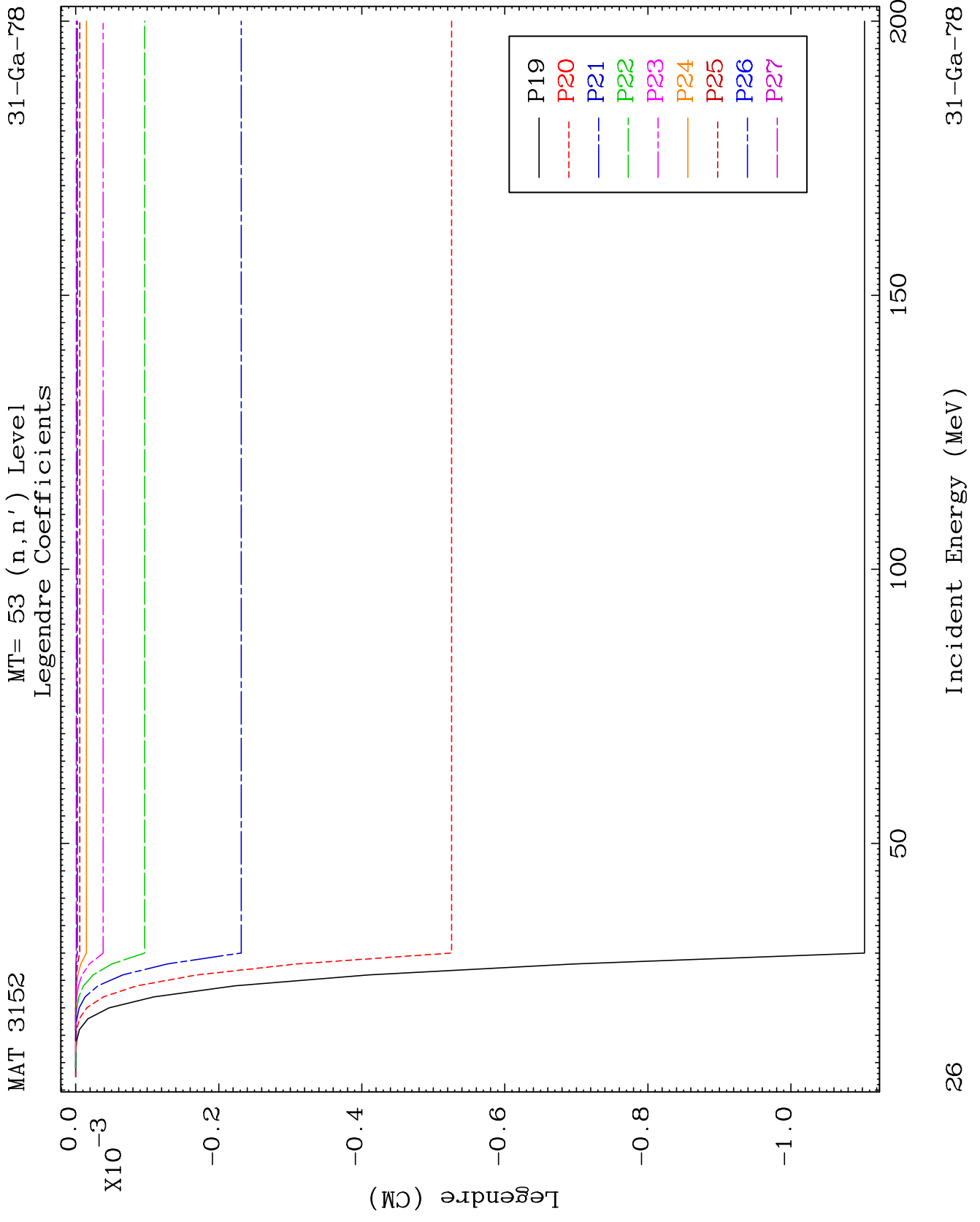


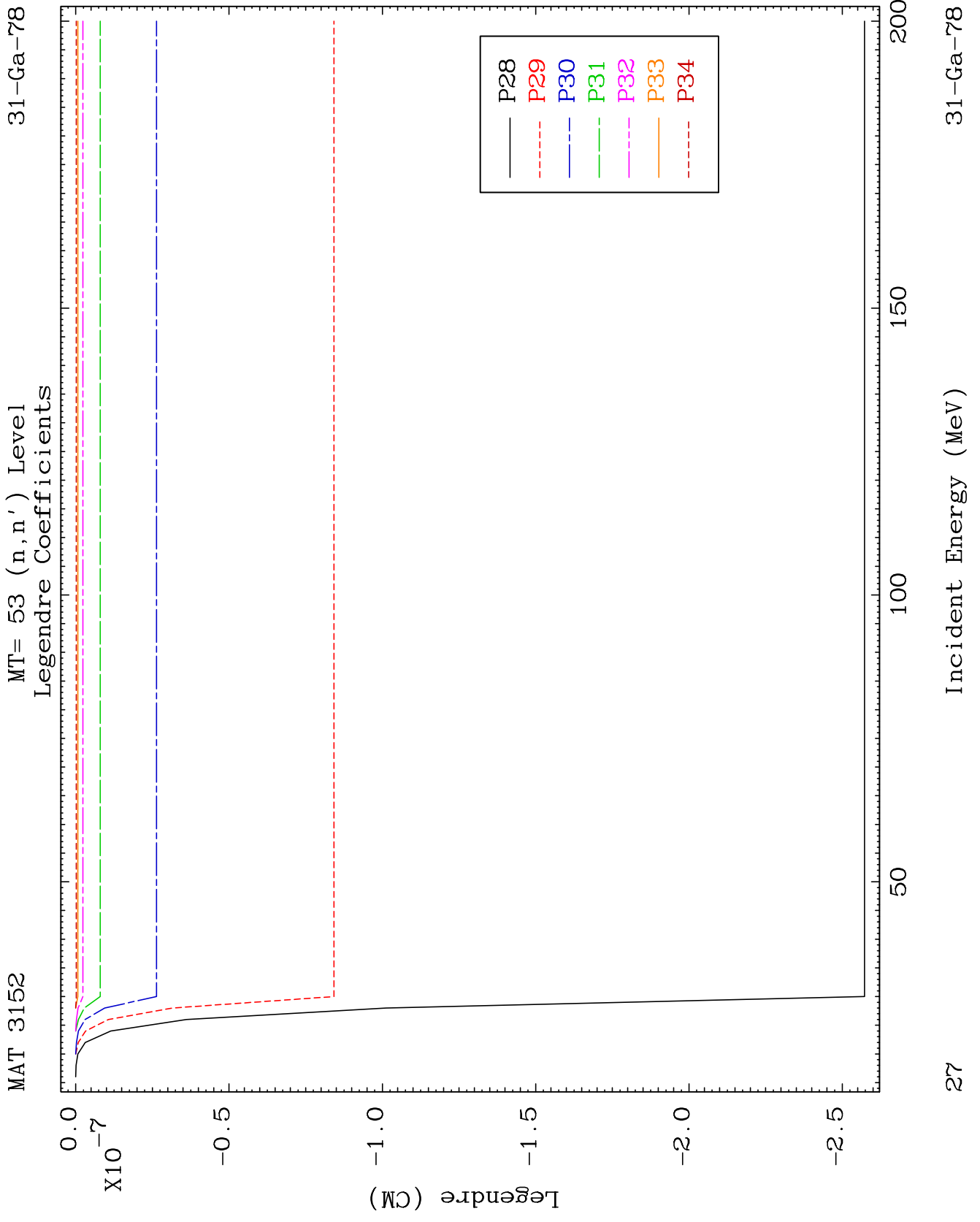
24

Incident Energy (MeV)

31-Ga-78



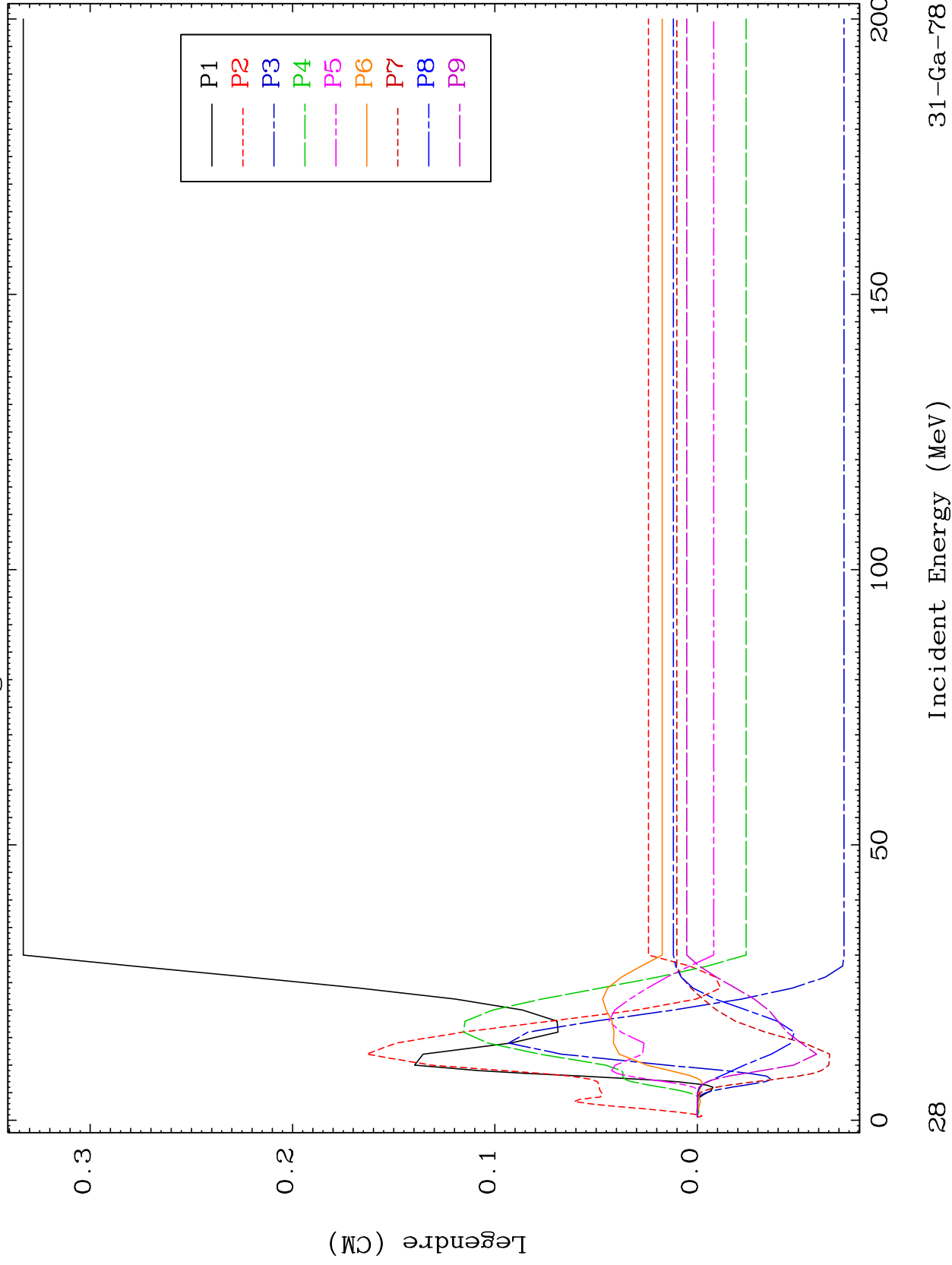




MAT 3152

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

31-Ga-78



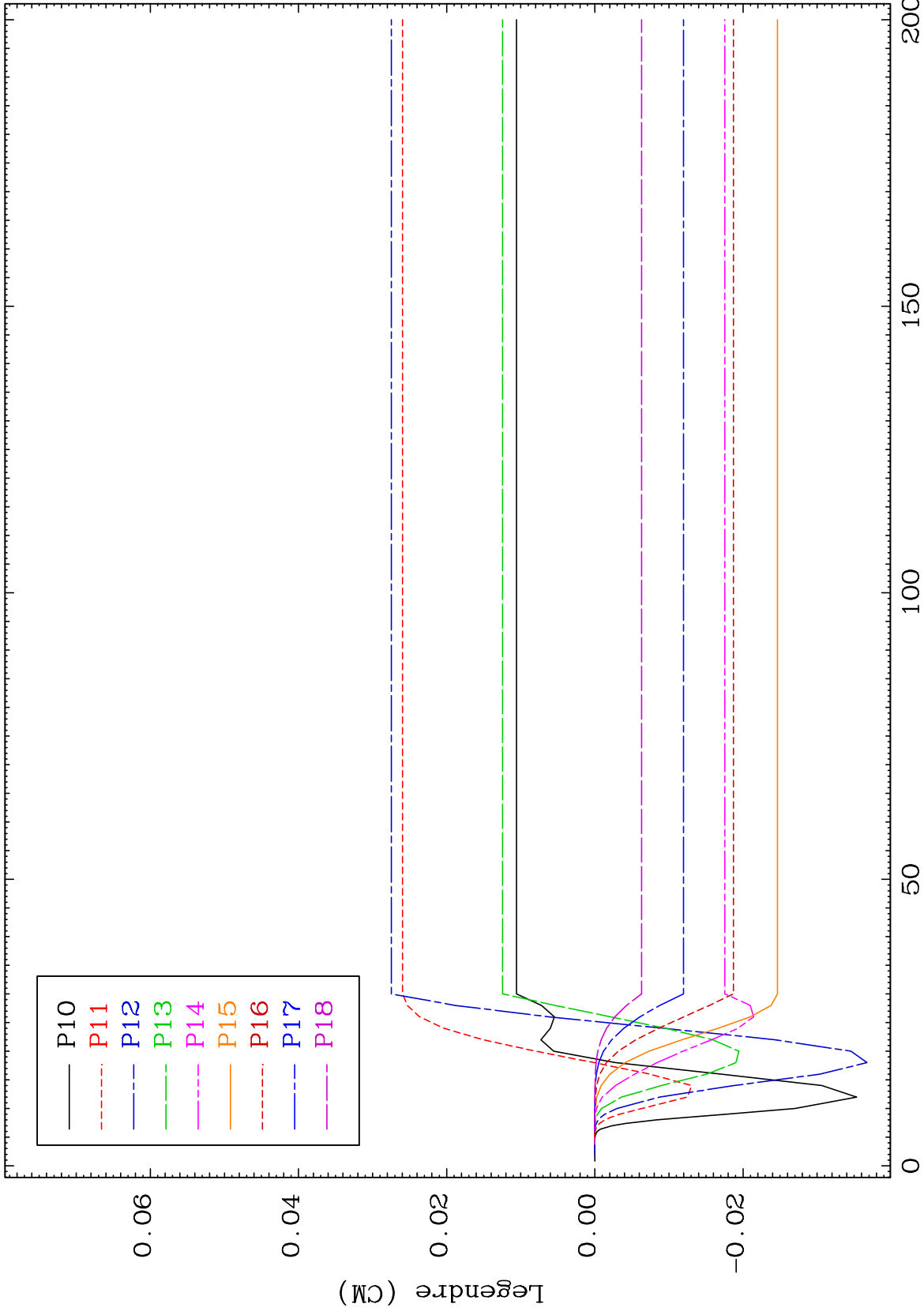
28

31-Ga-78

MAT 3152

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

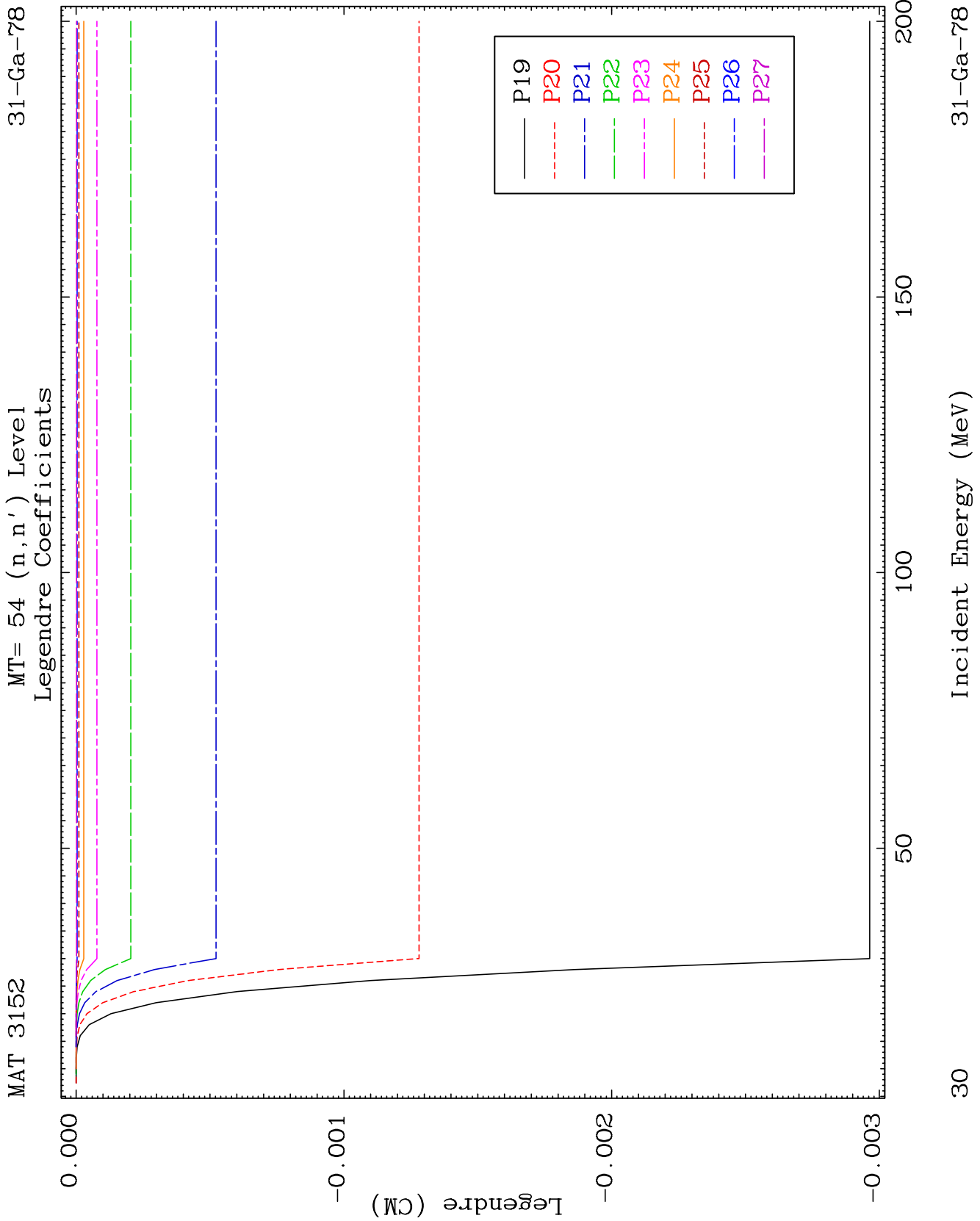
31-Ga-78

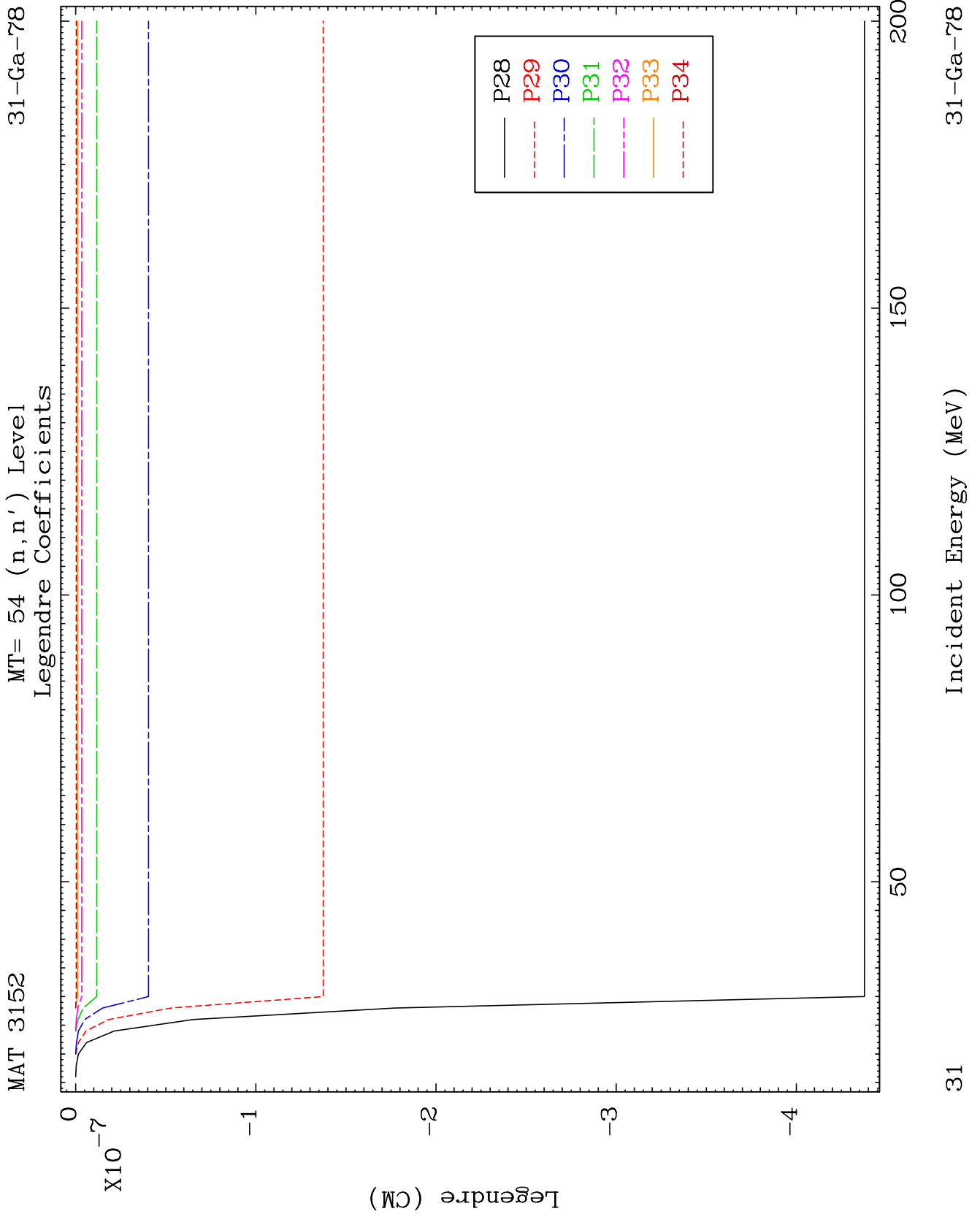


29

Incident Energy (MeV)

31-Ga-78

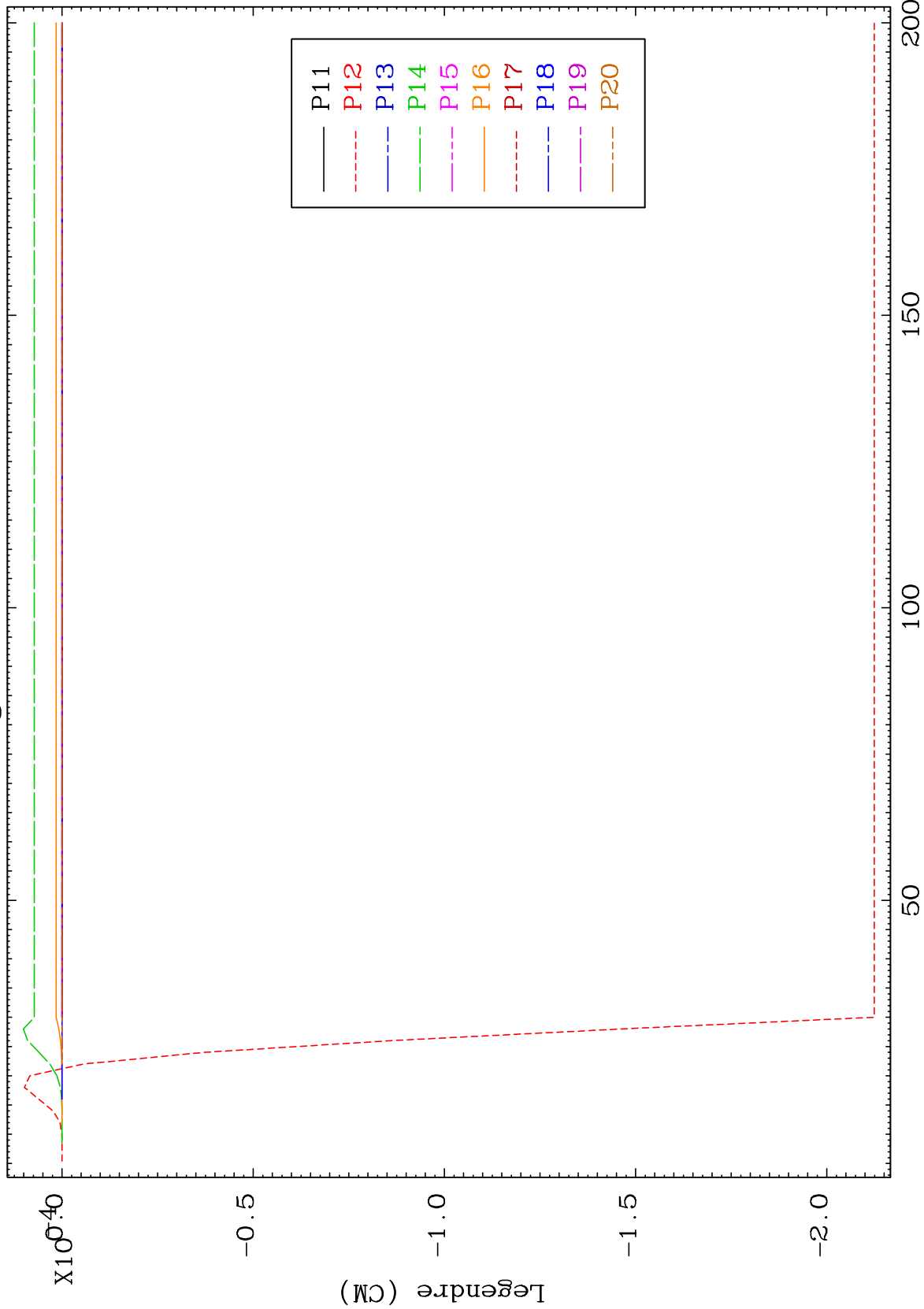




MAT 3152

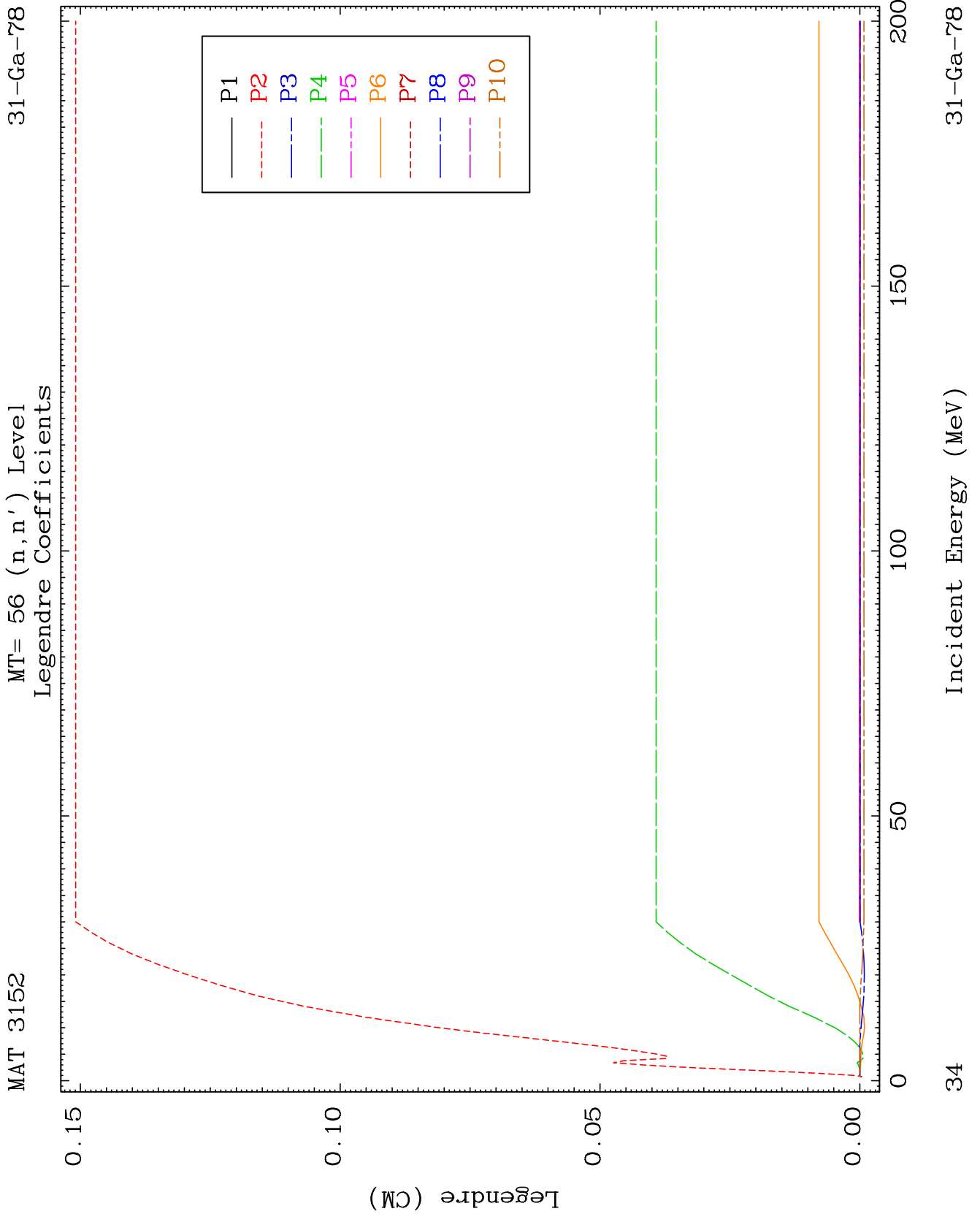
MT= 55 (n,n') Level
Legendre Coefficients

31-Ga-78



33

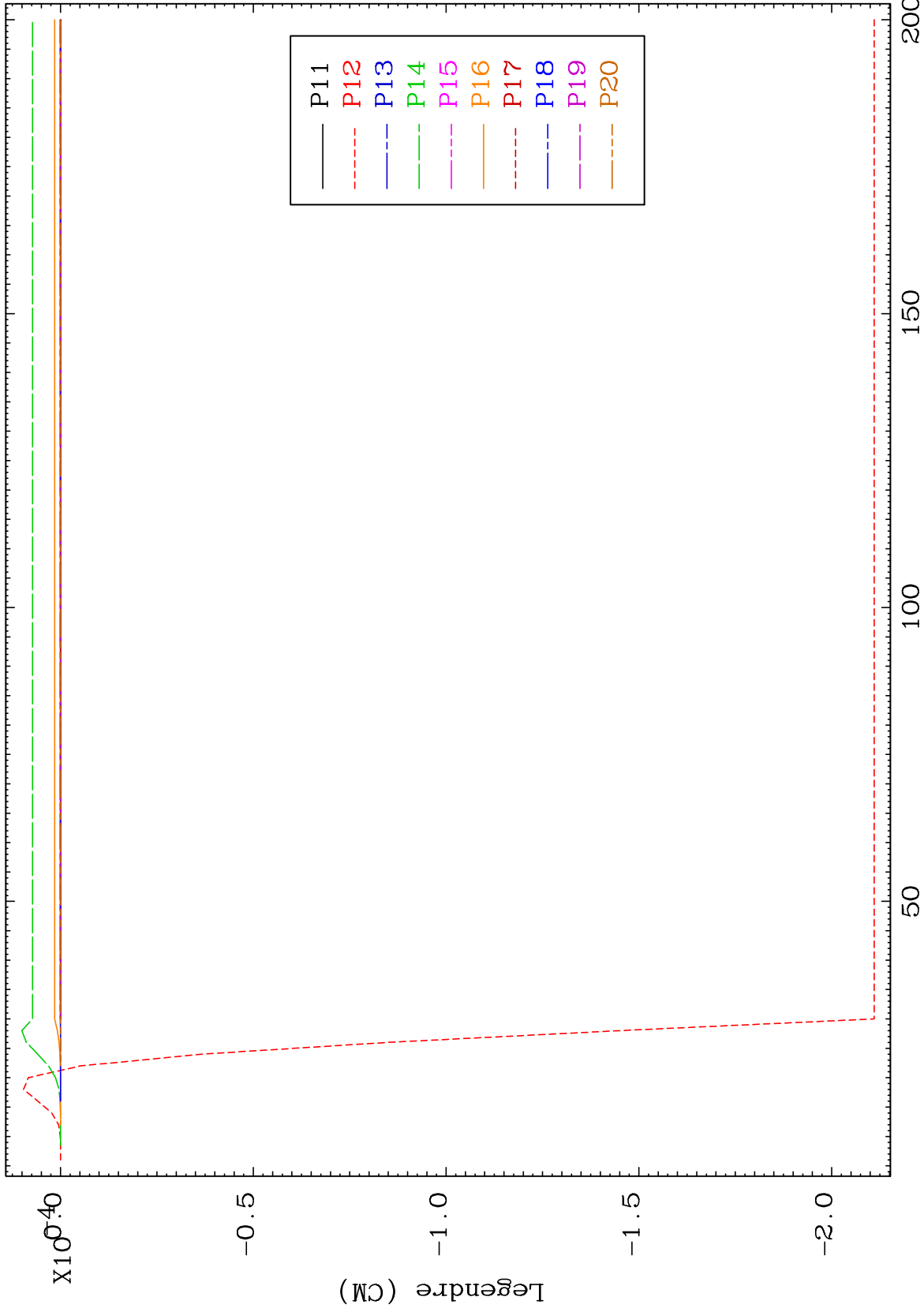
31-Ga-78



MAT 3152

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

31-Ga-78



35

Incident Energy (MeV)

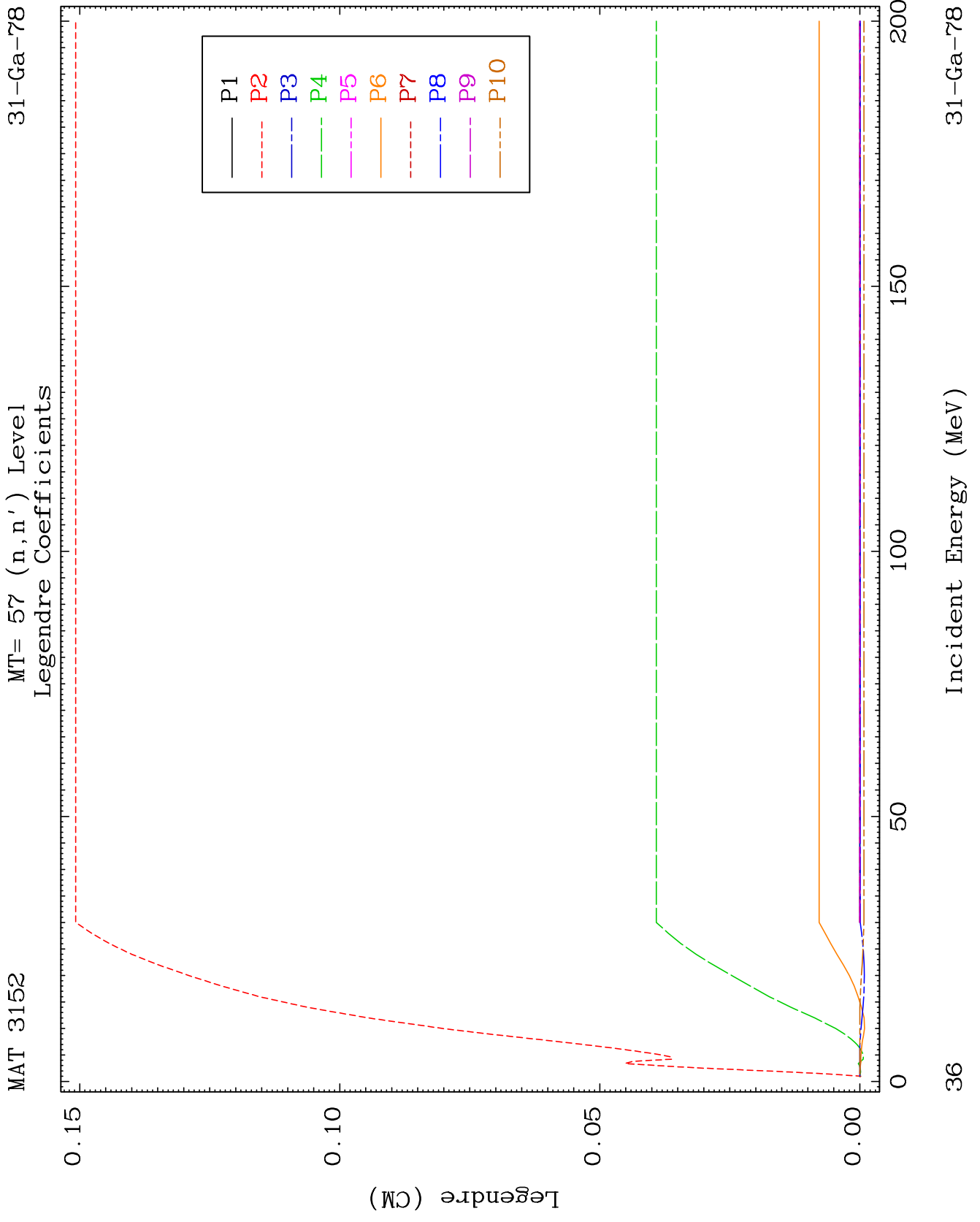
31-Ga-78

200

150

100

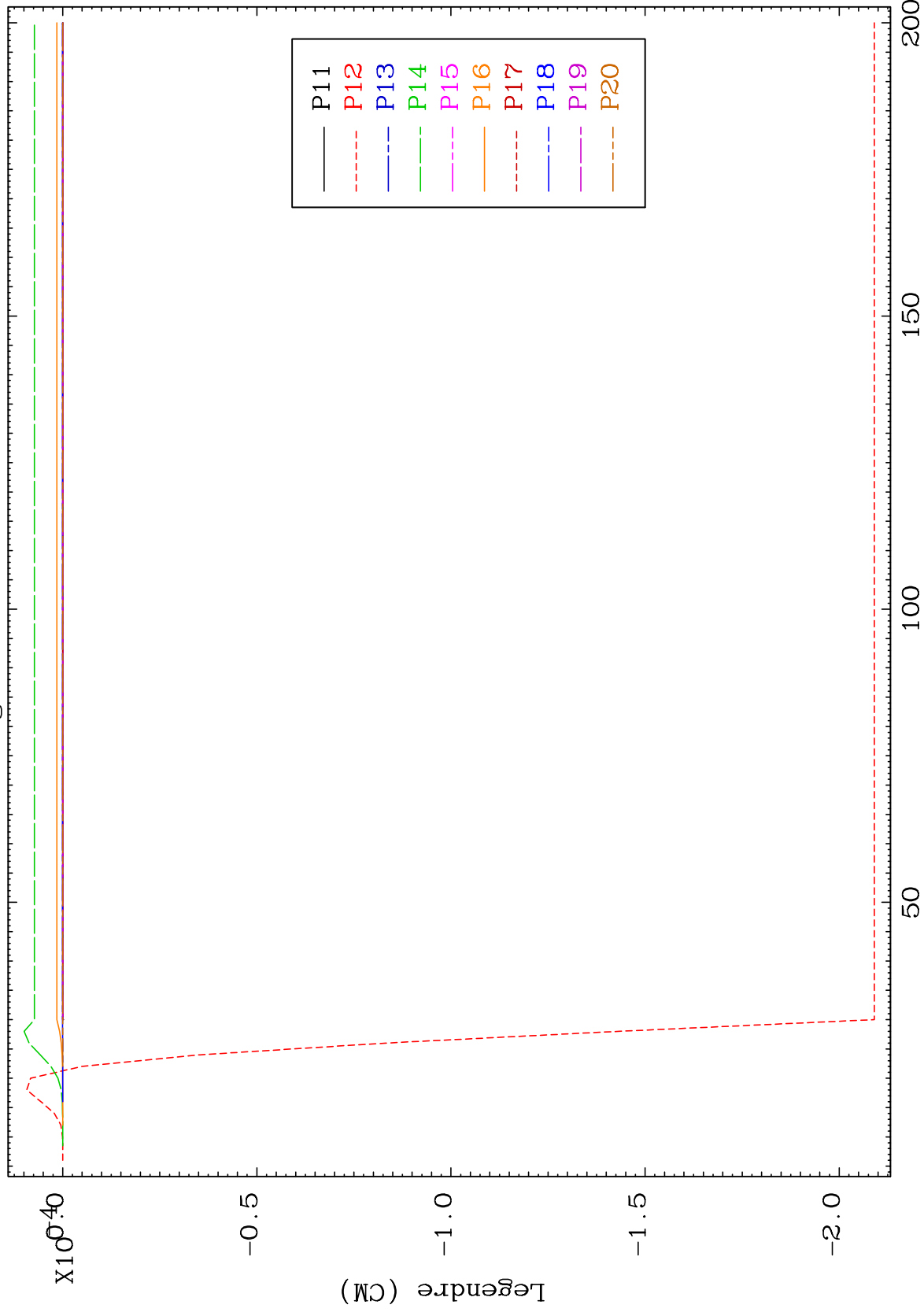
50



MAT 3152

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

31-Ga-78



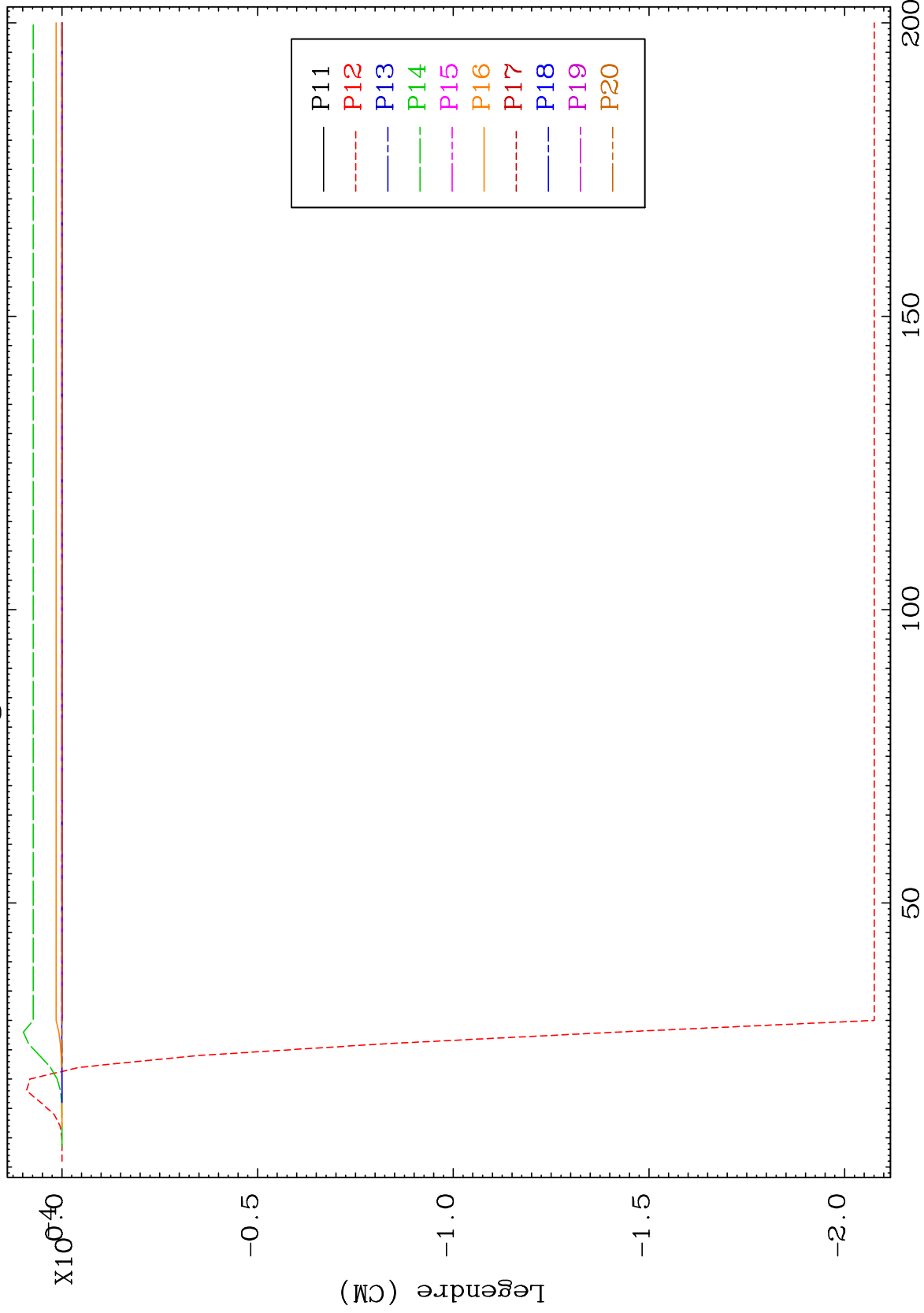
37

31-Ga-78

MAT 3152

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

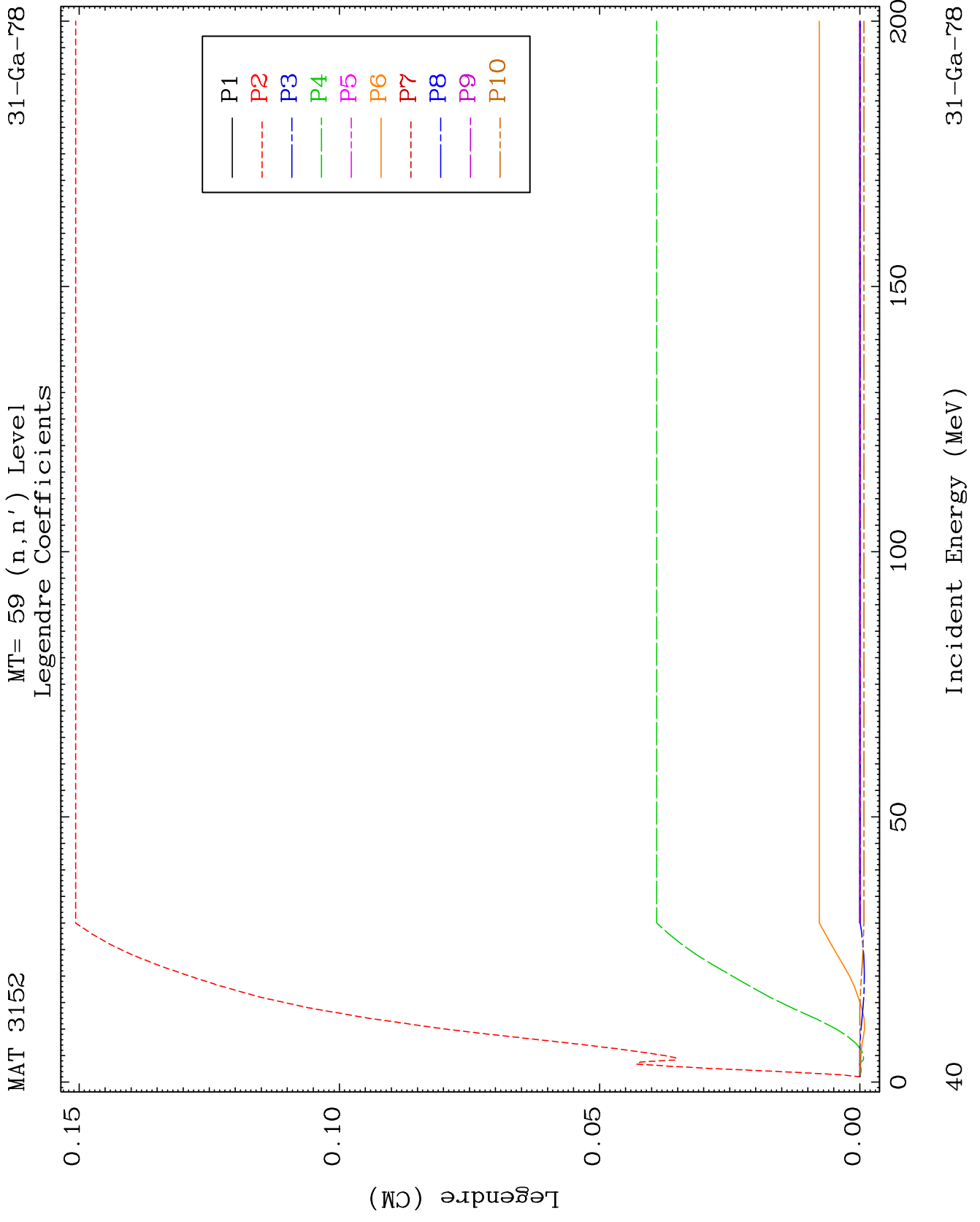
31-Ga-78



39

Incident Energy (MeV)

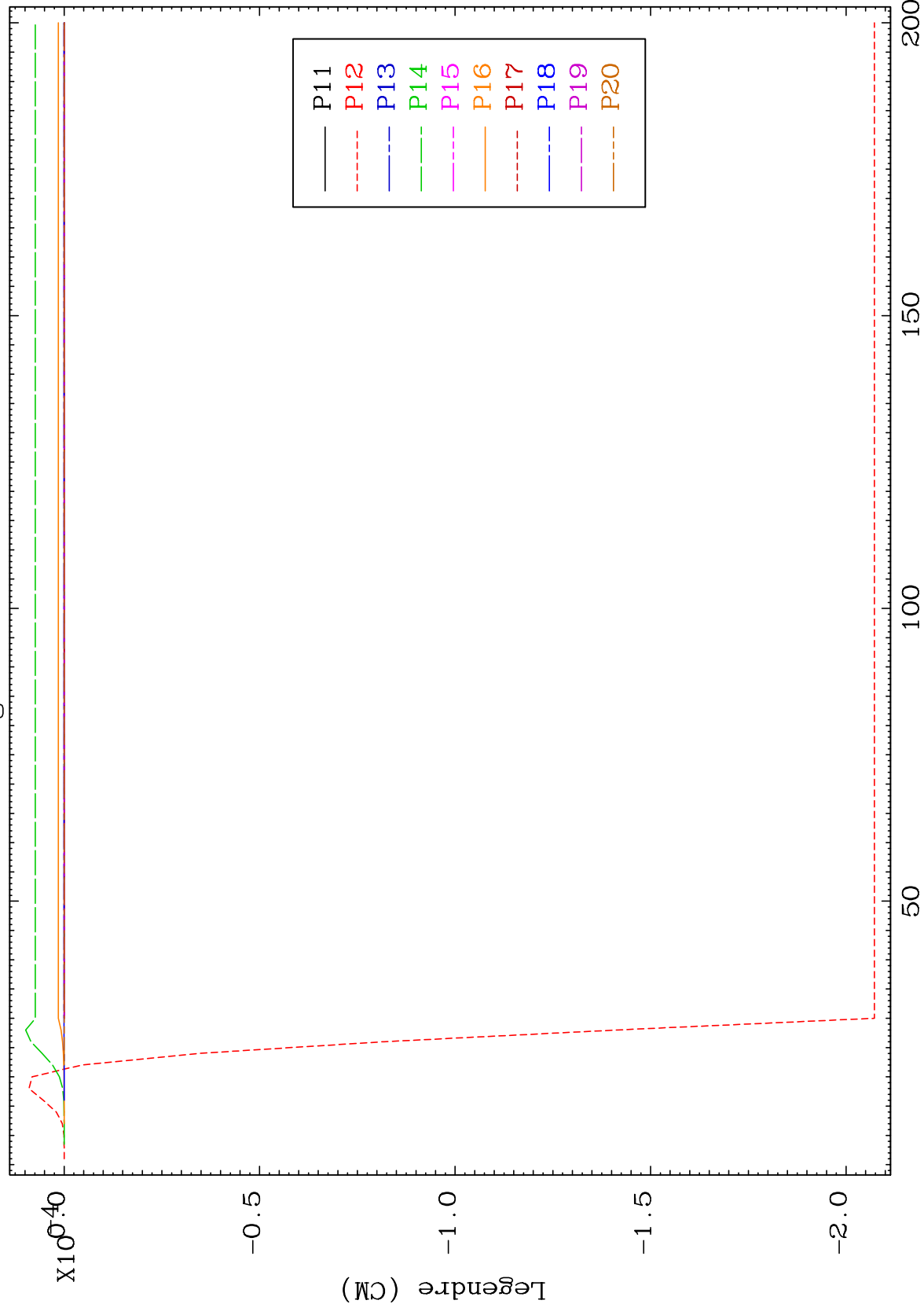
31-Ga-78

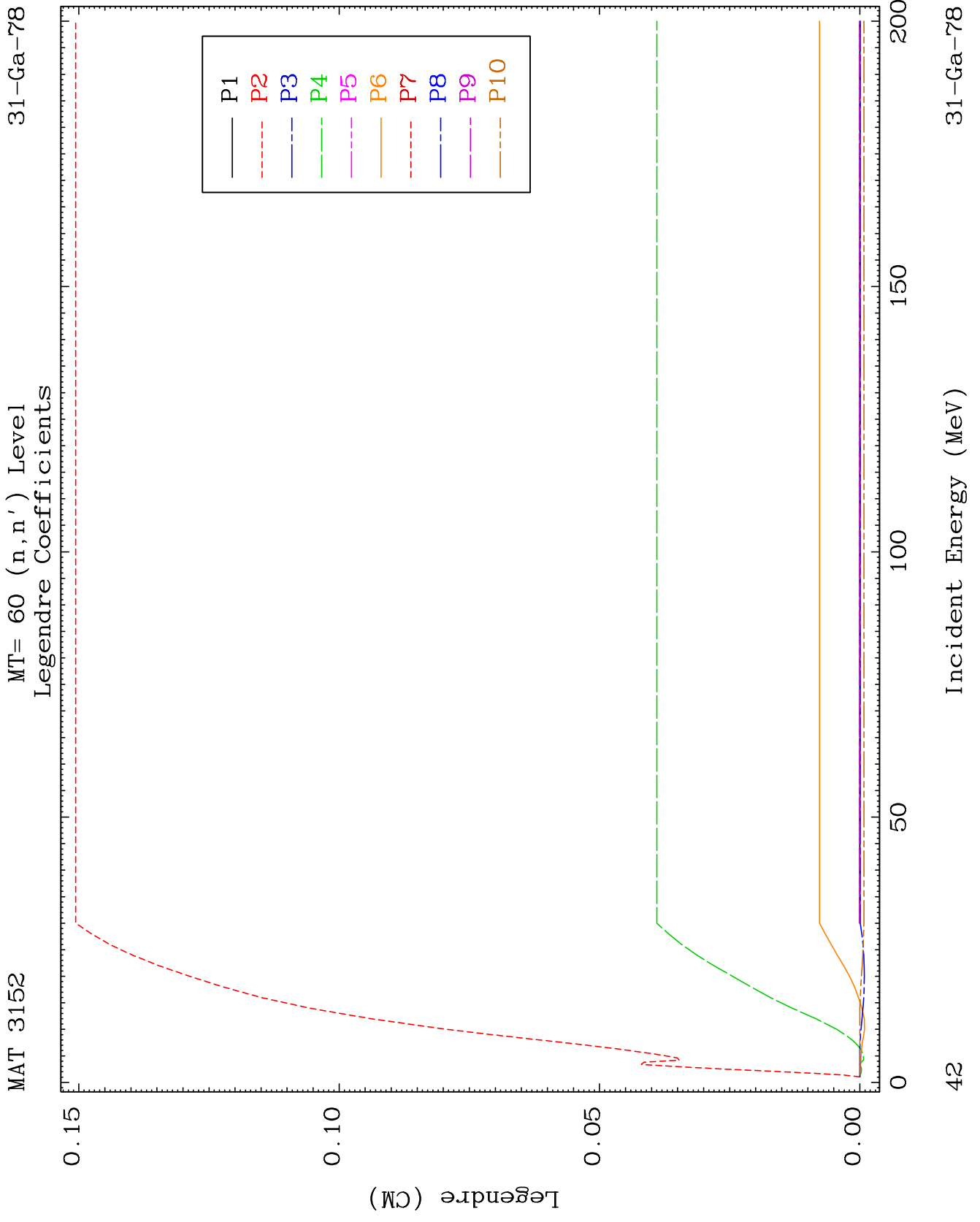


MAT 3152

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

31-Ga-78

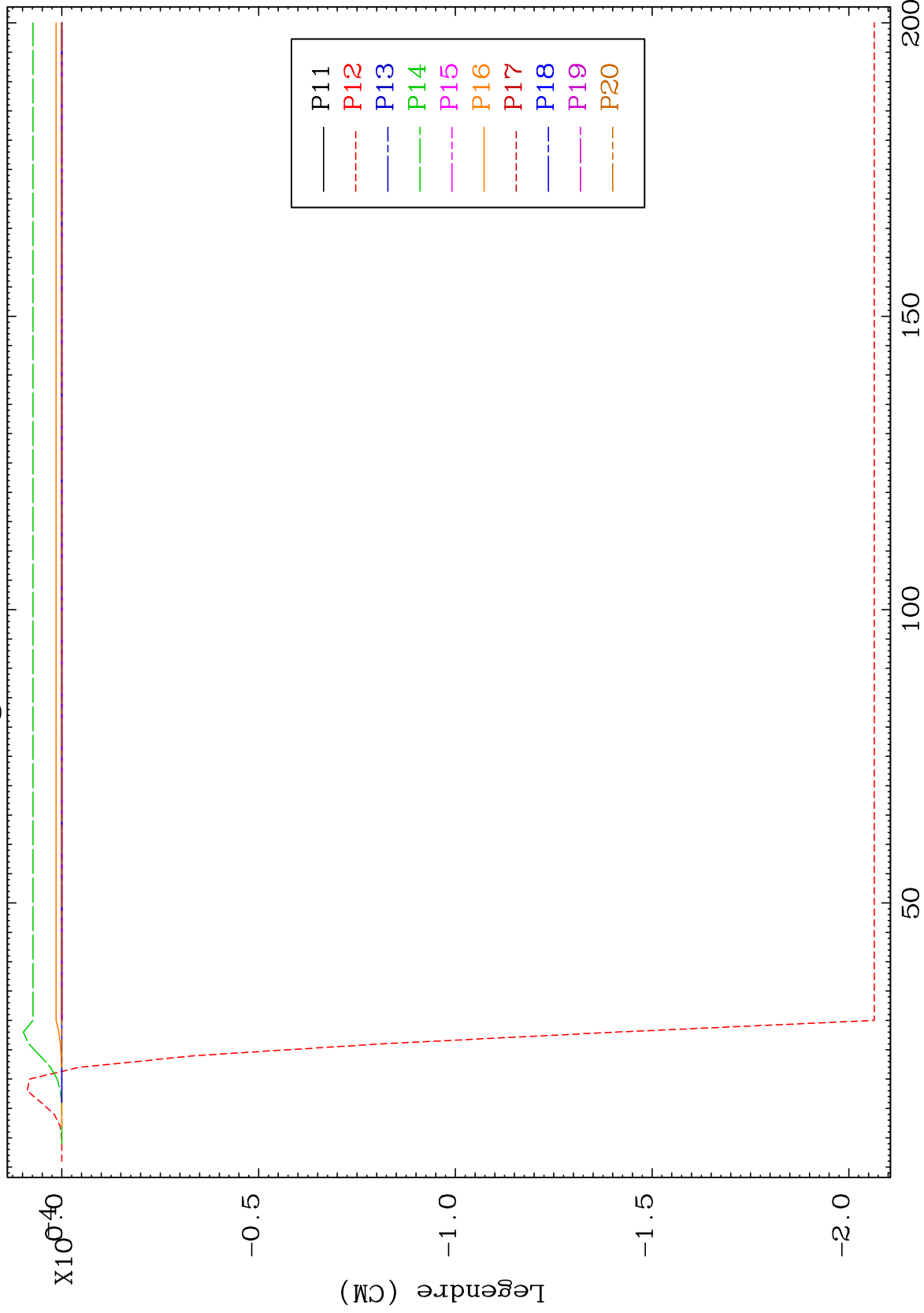




MAT 3152

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

31-Ga-78



43

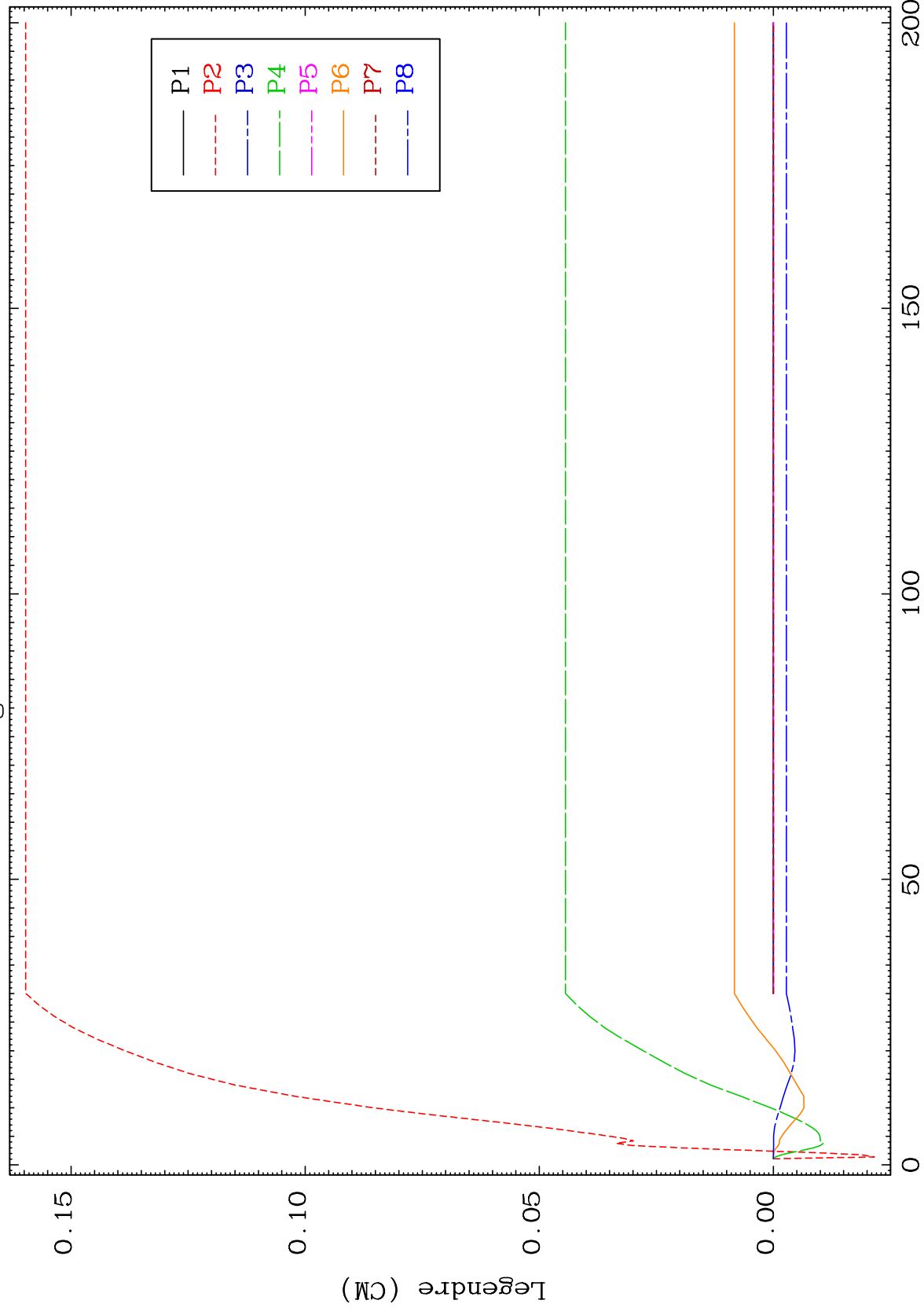
Incident Energy (MeV)

31-Ga-78

MAT 3152

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

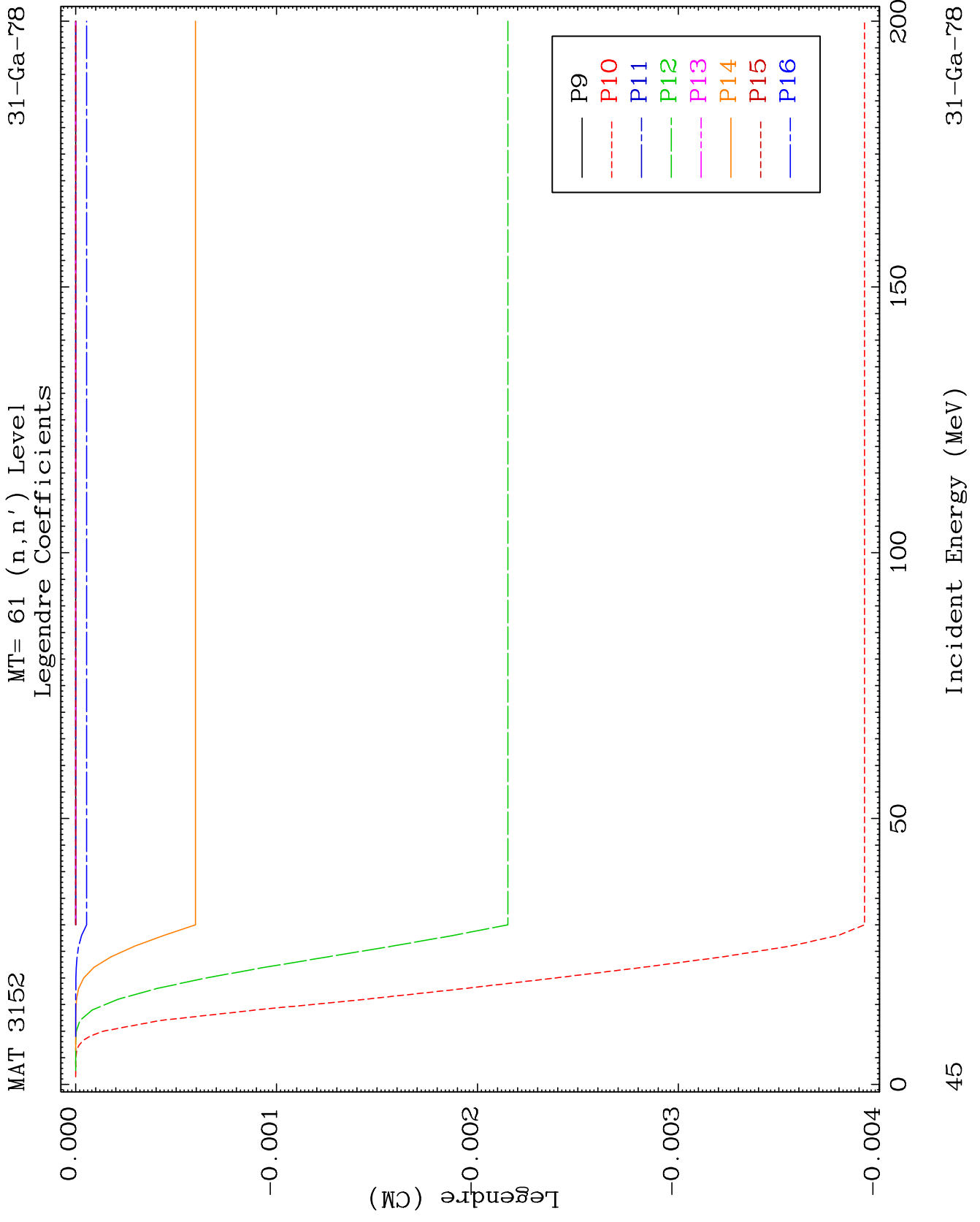
31-Ga-78

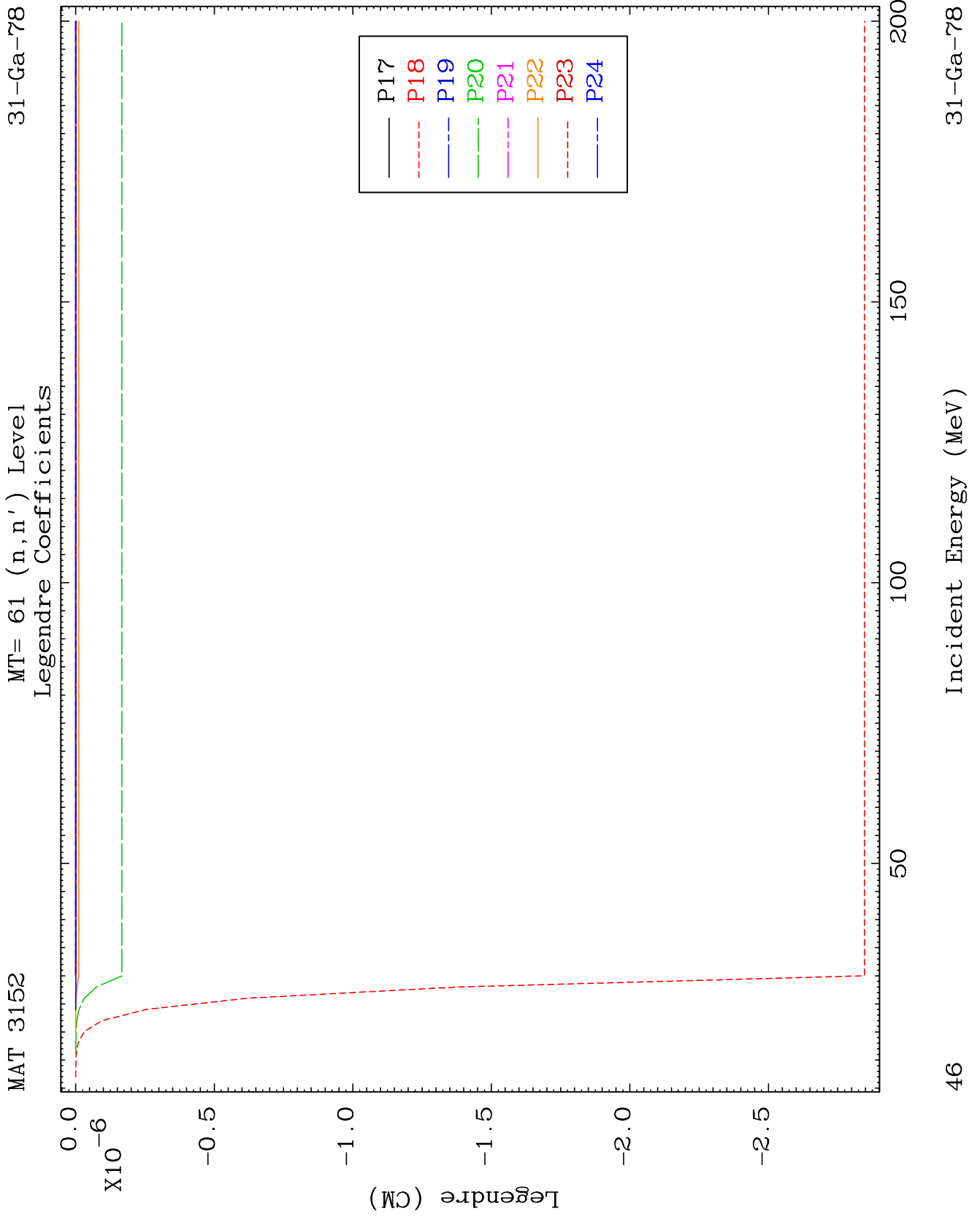


44

Incident Energy (MeV)

31-Ga-78

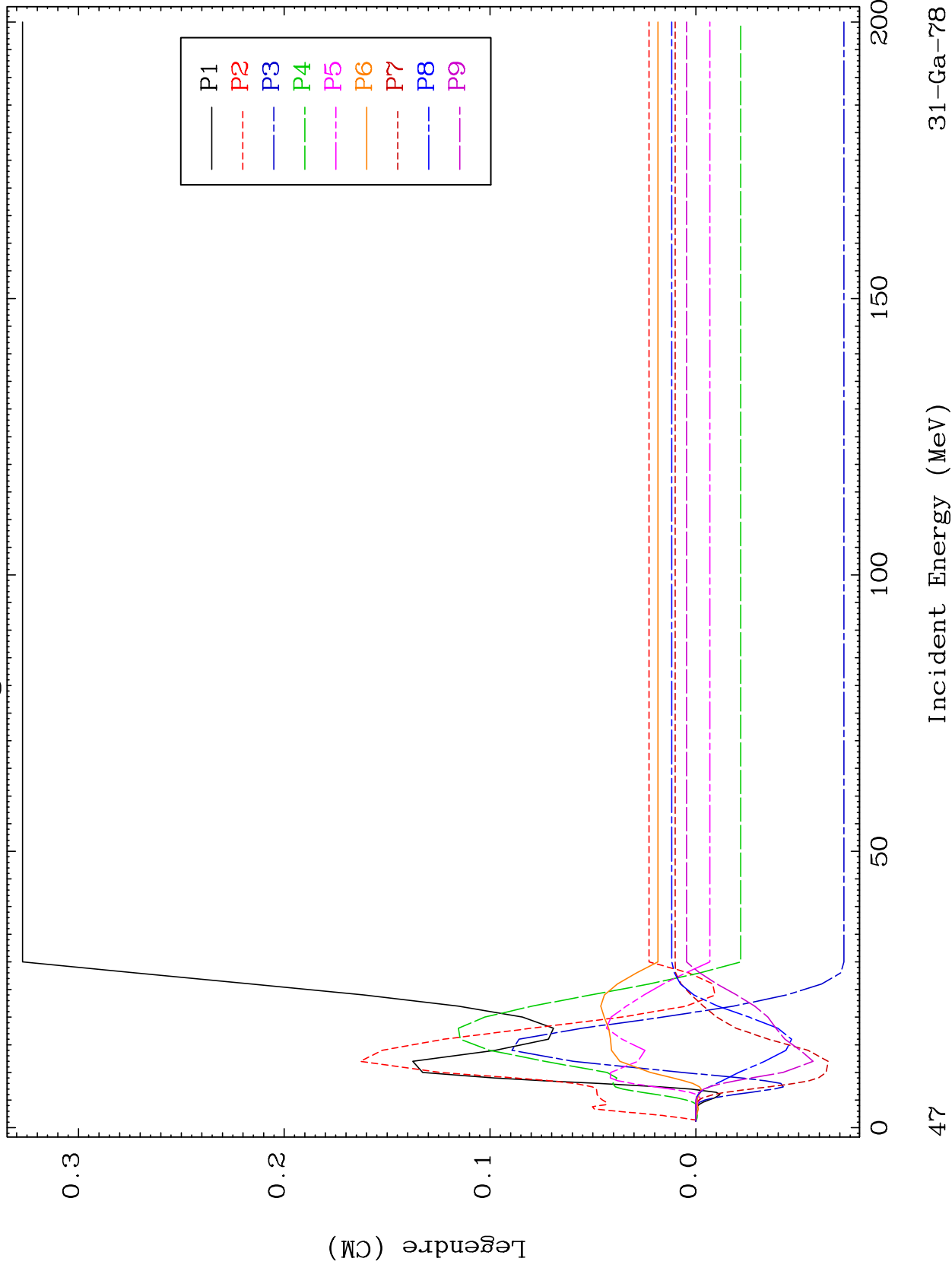




MAT 3152

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

31-Ga-78



31-Ga-78

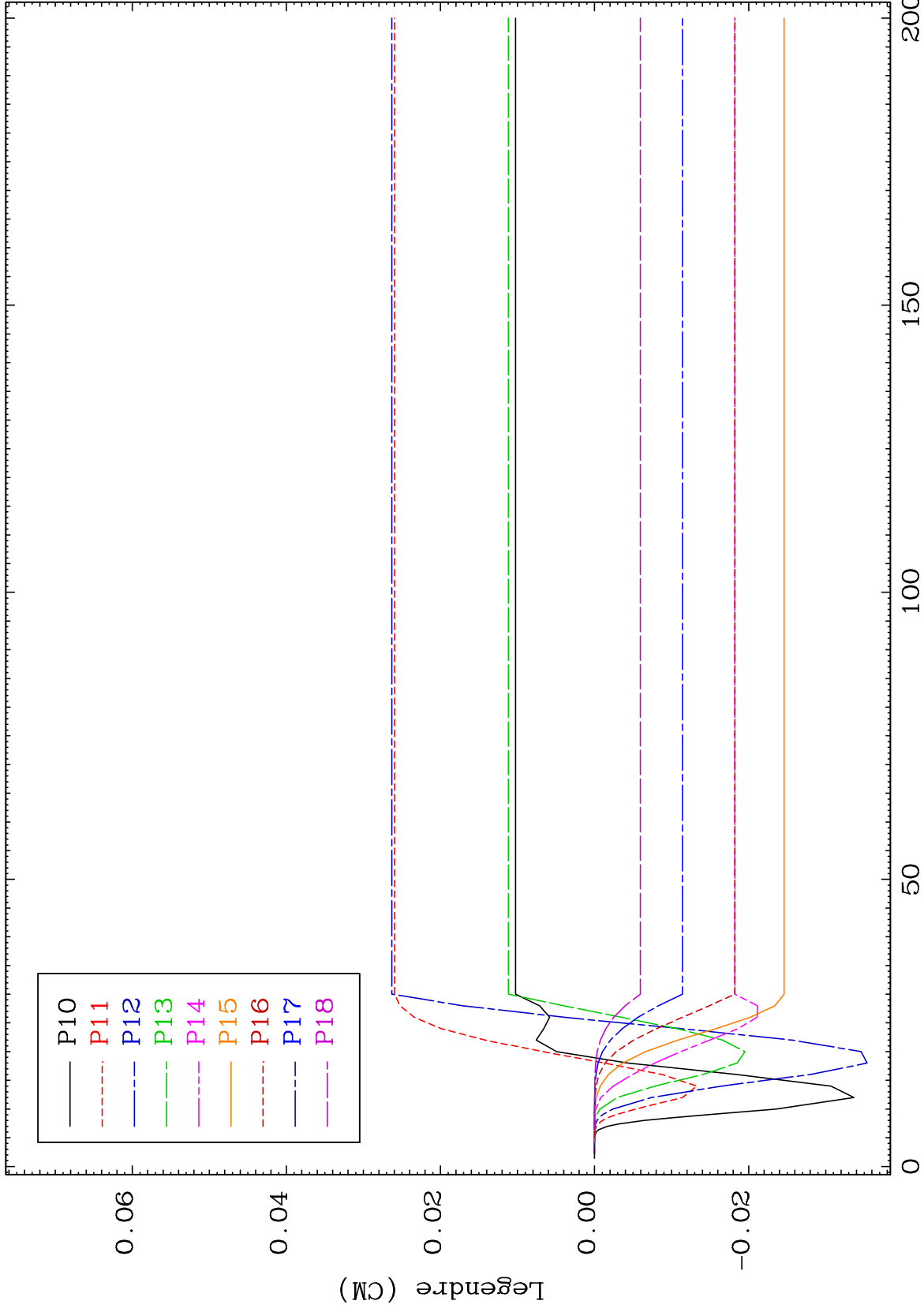
Incident Energy (MeV)

47

MAT 3152

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

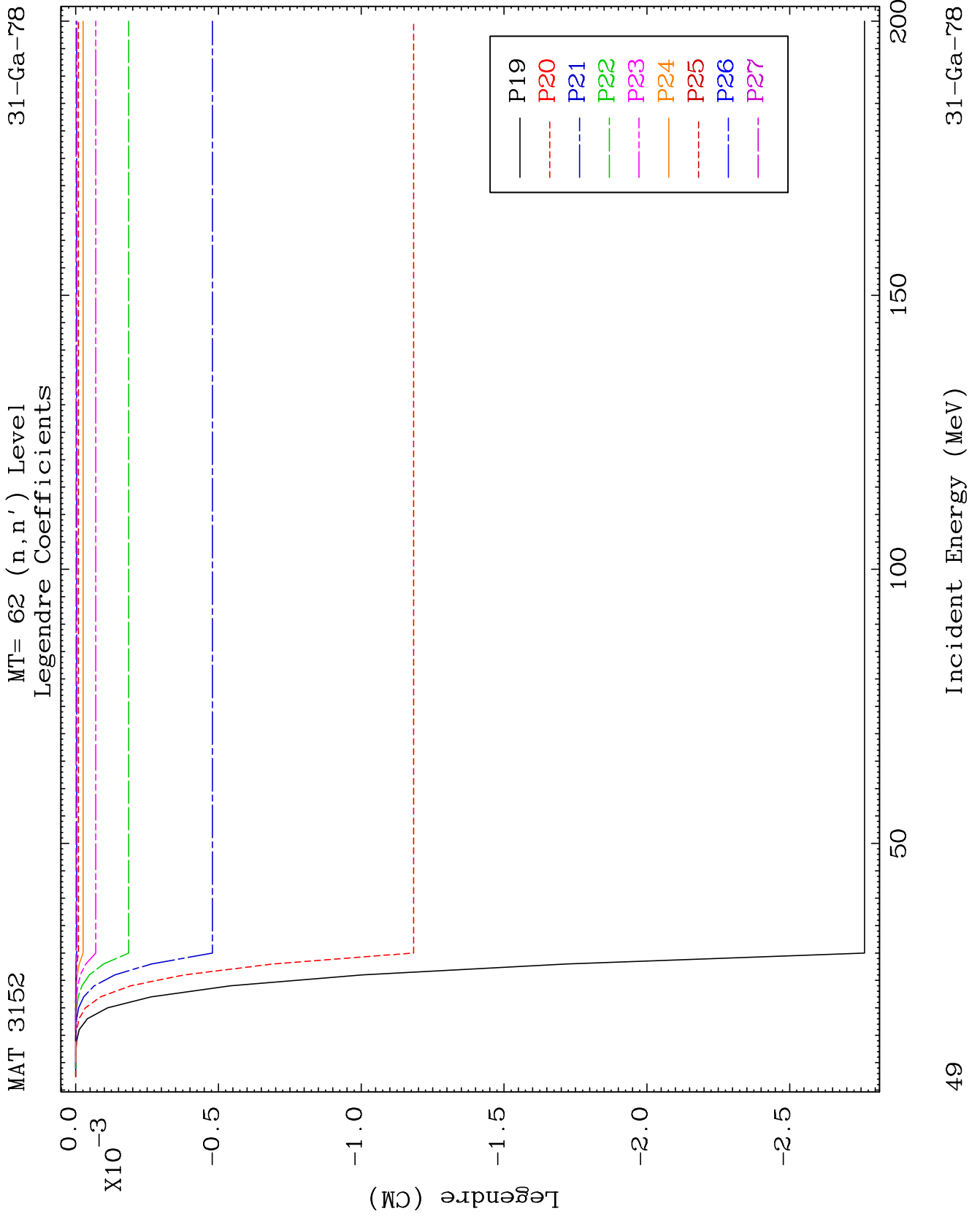
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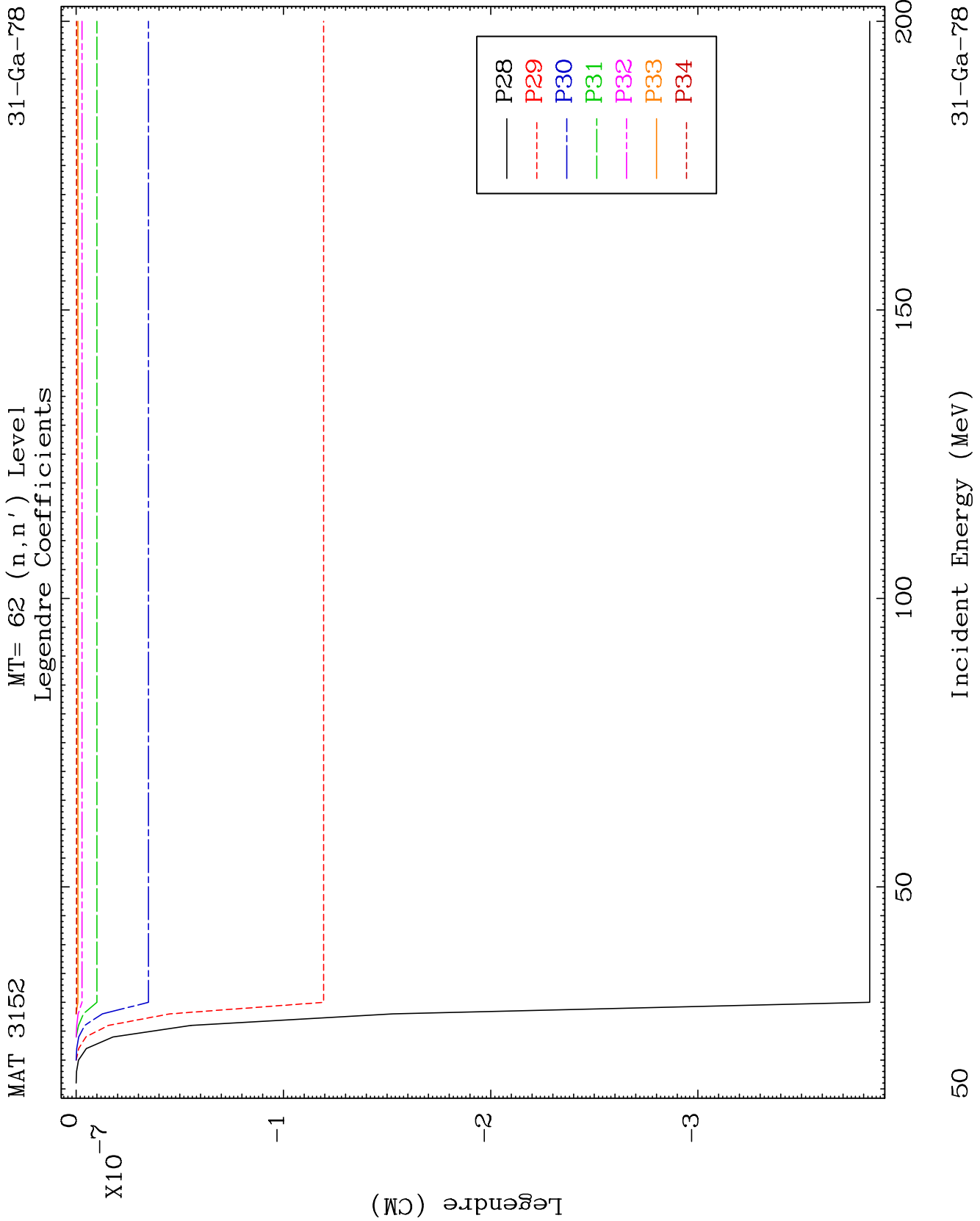


48

Incident Energy (MeV)

31-Ga-78

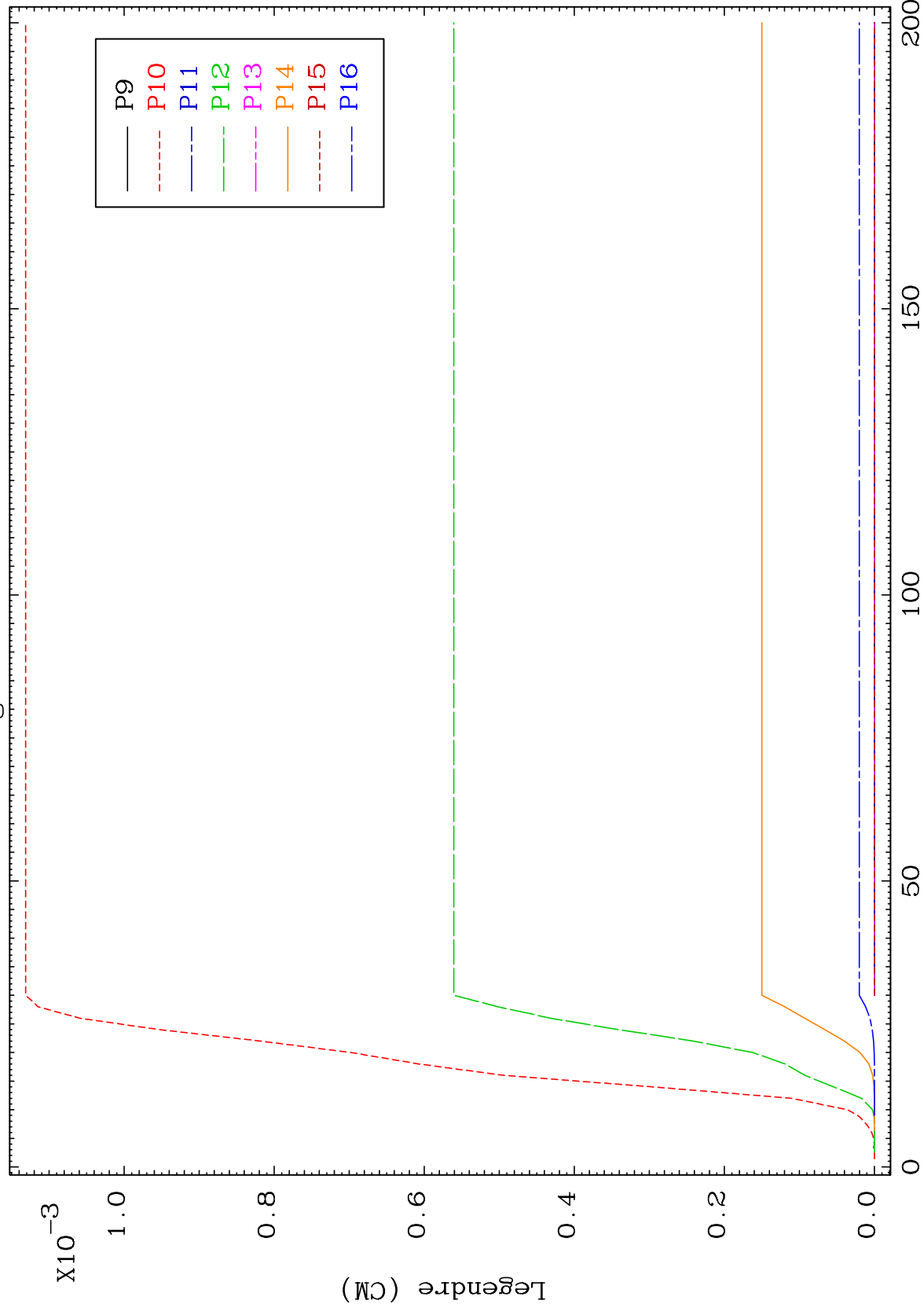




MAT 3152

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

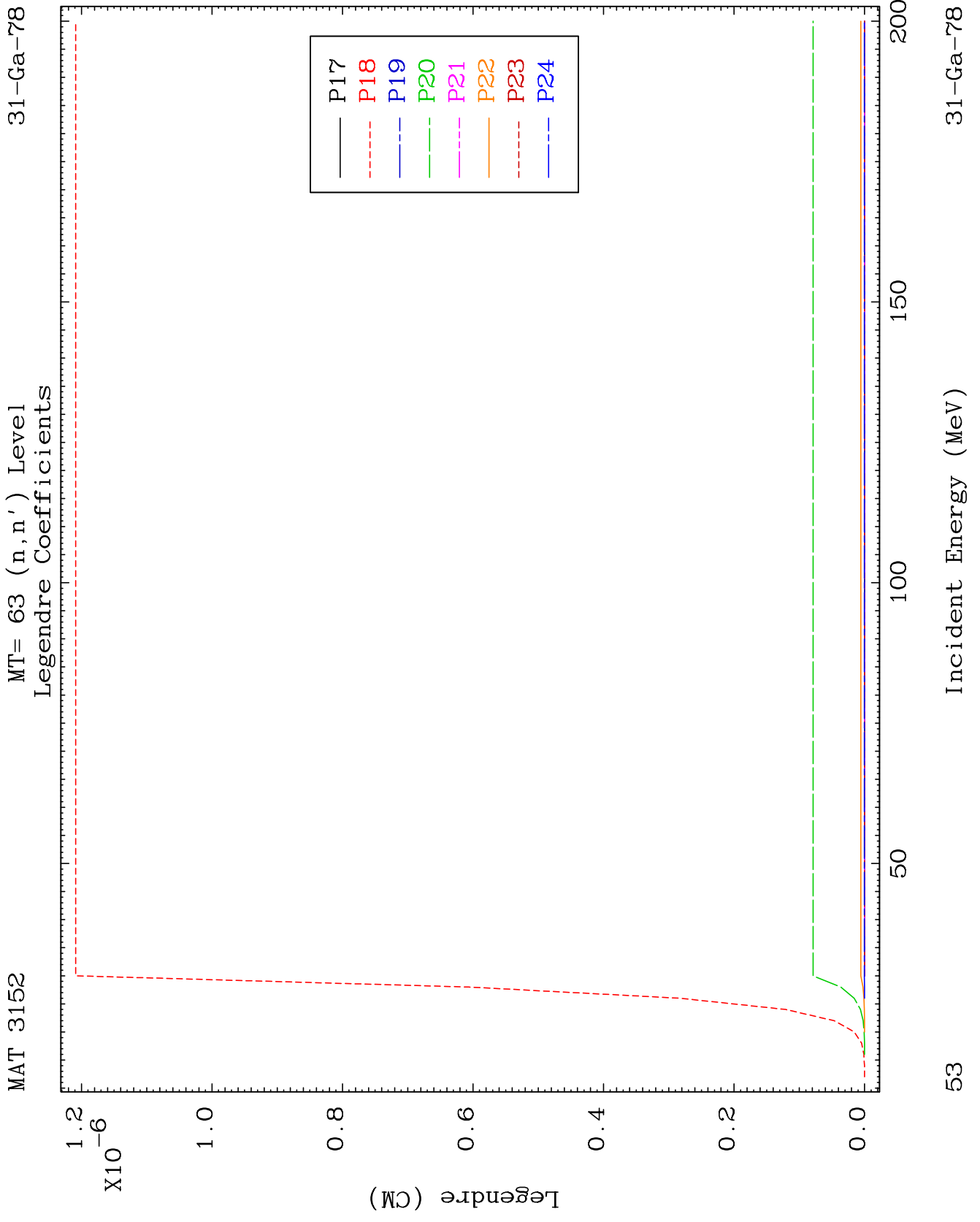
³¹Ga-78

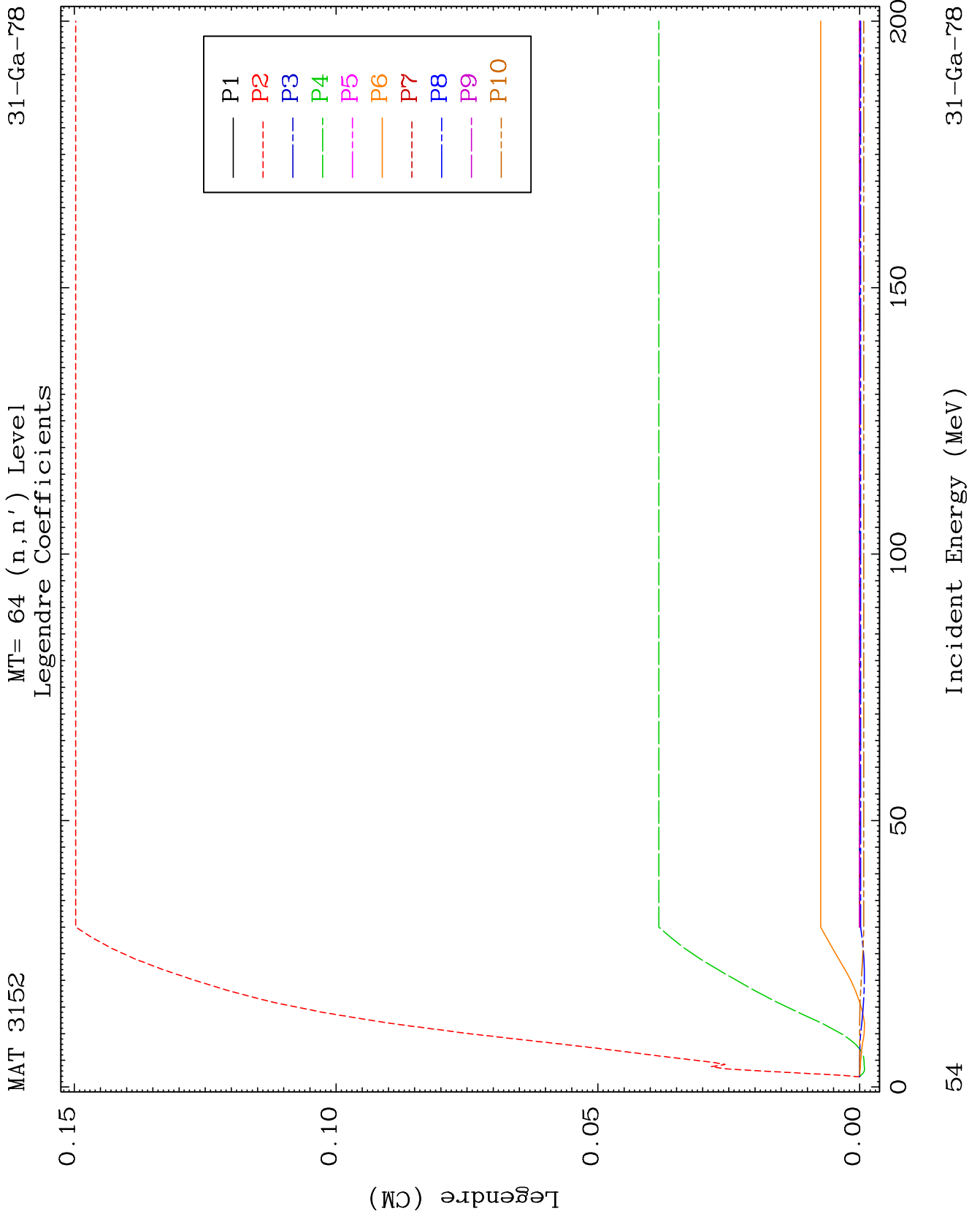


52

Incident Energy (MeV)

³¹Ga-78

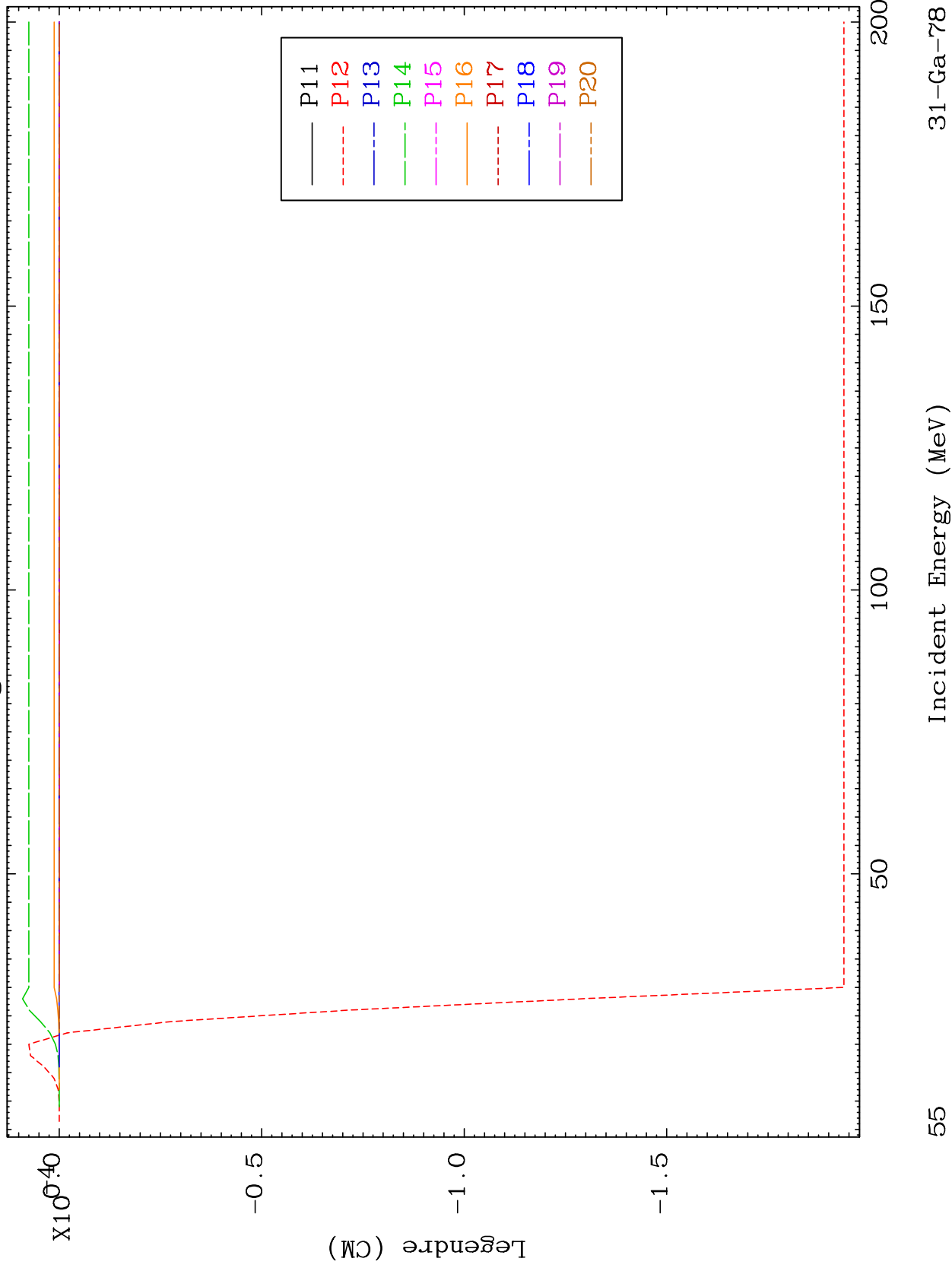




MAT 3152

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

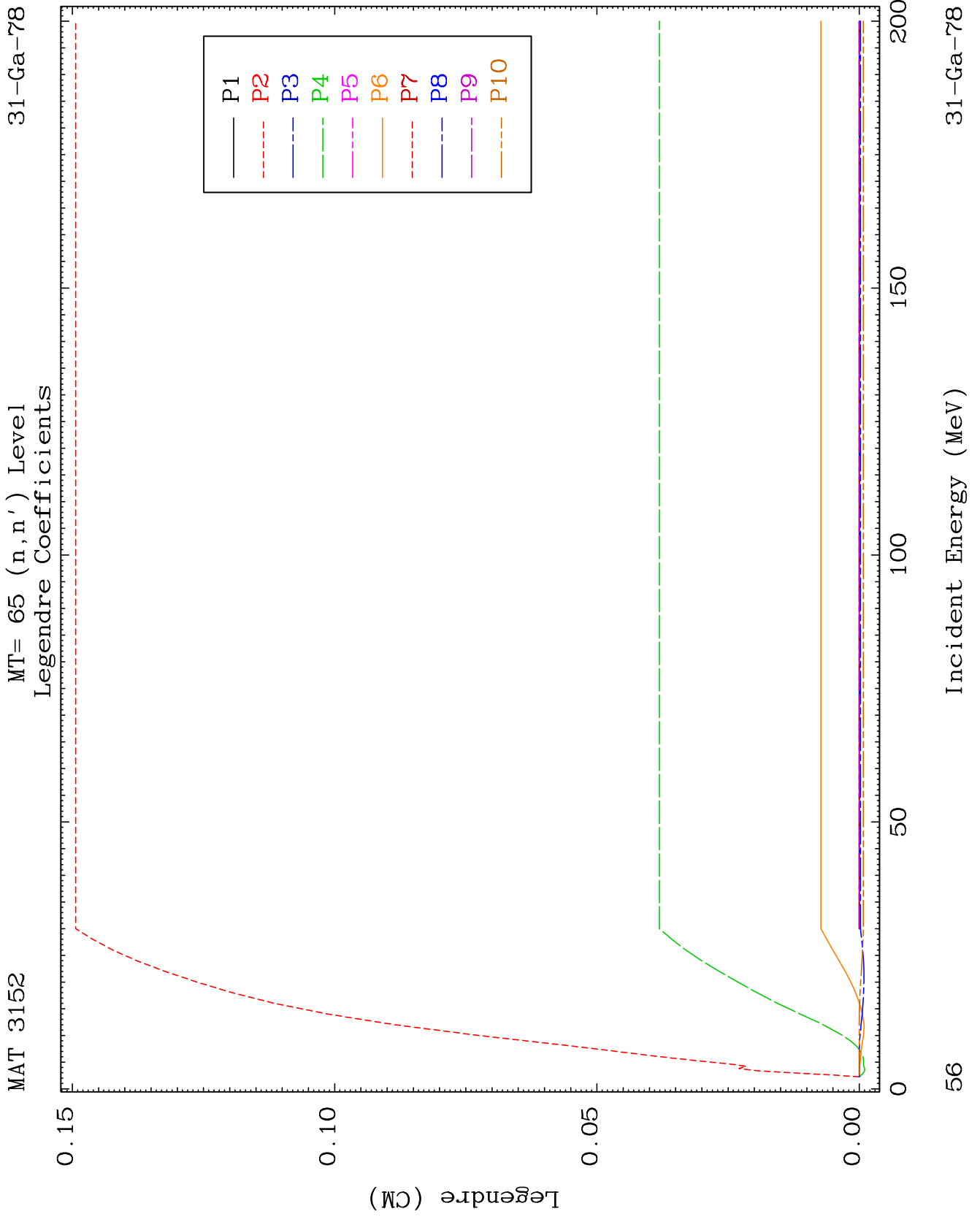
31-Ga-78



55

Incident Energy (MeV)

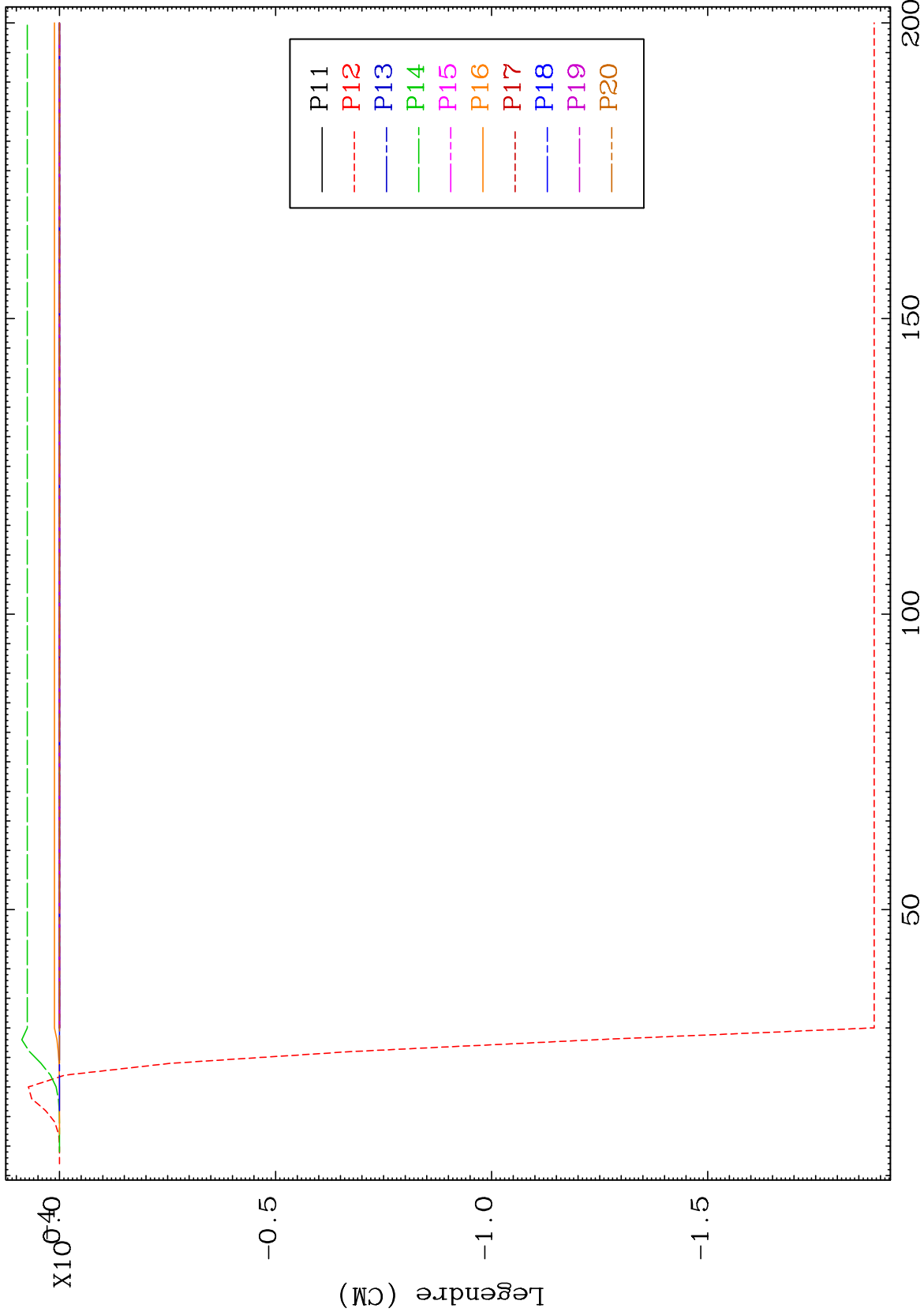
31-Ga-78



MAT 3152

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

31-Ga-78



57

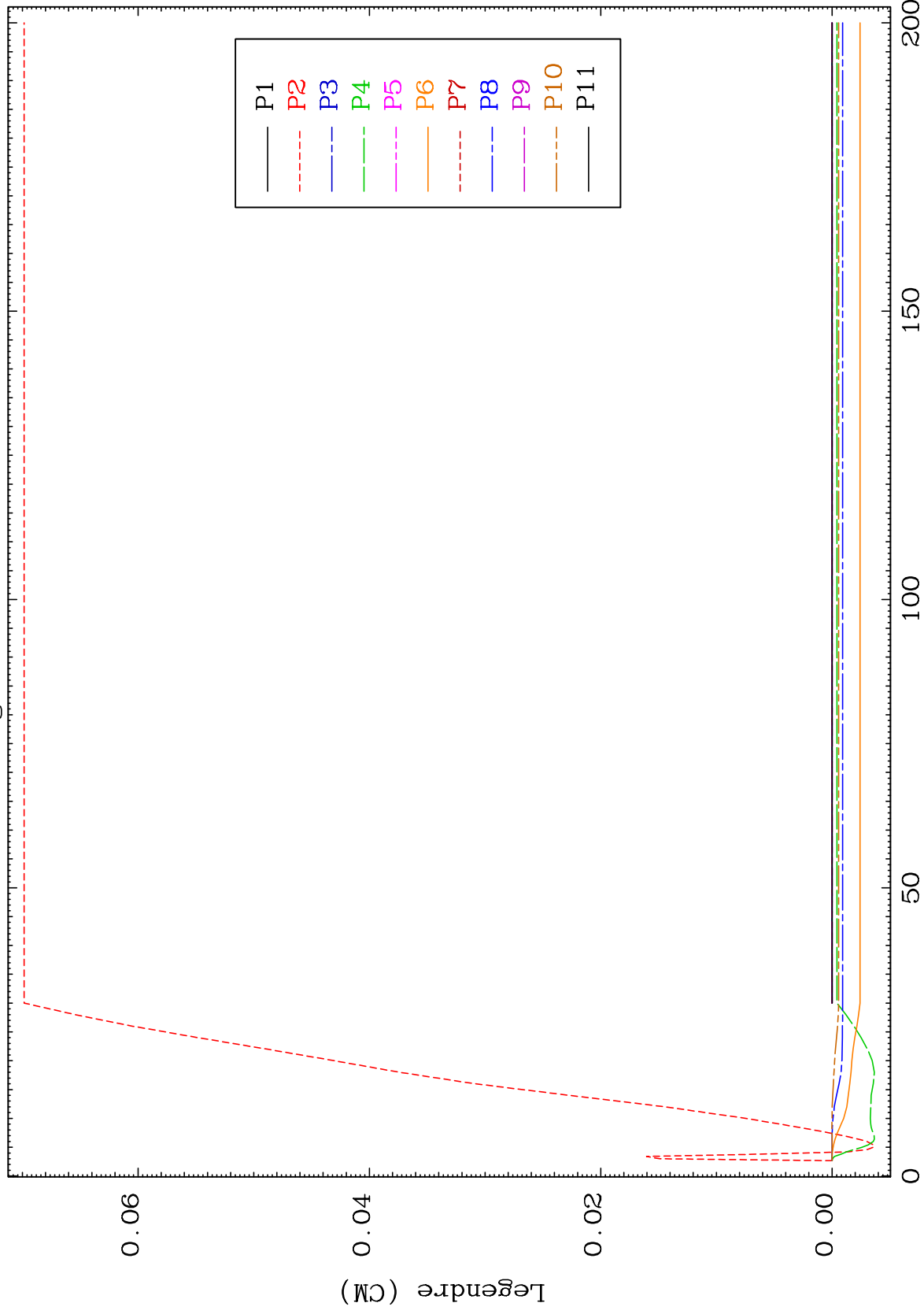
Incident Energy (MeV)

31-Ga-78

MAT 3152

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

31-Ga-78



58

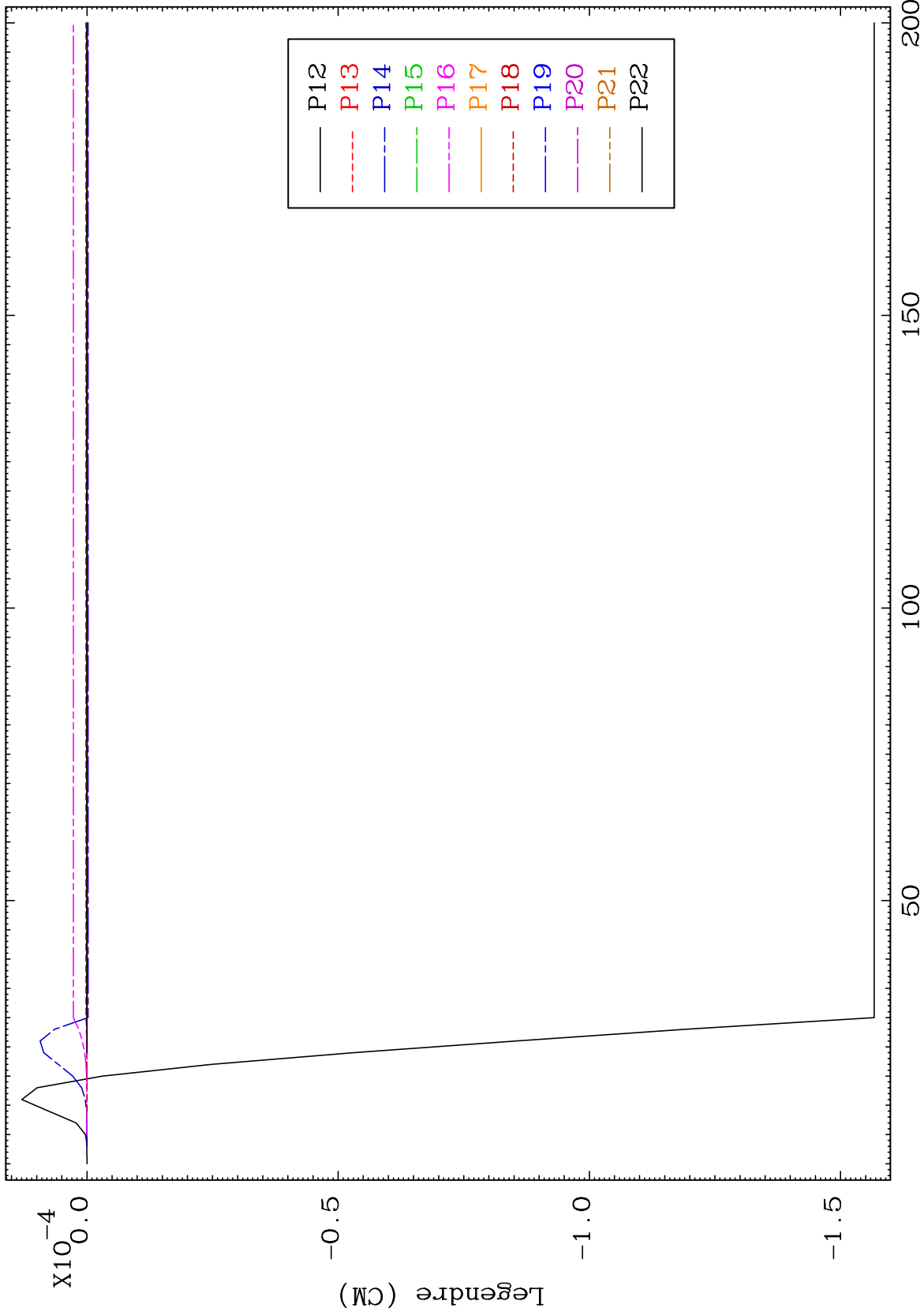
Incident Energy (MeV)

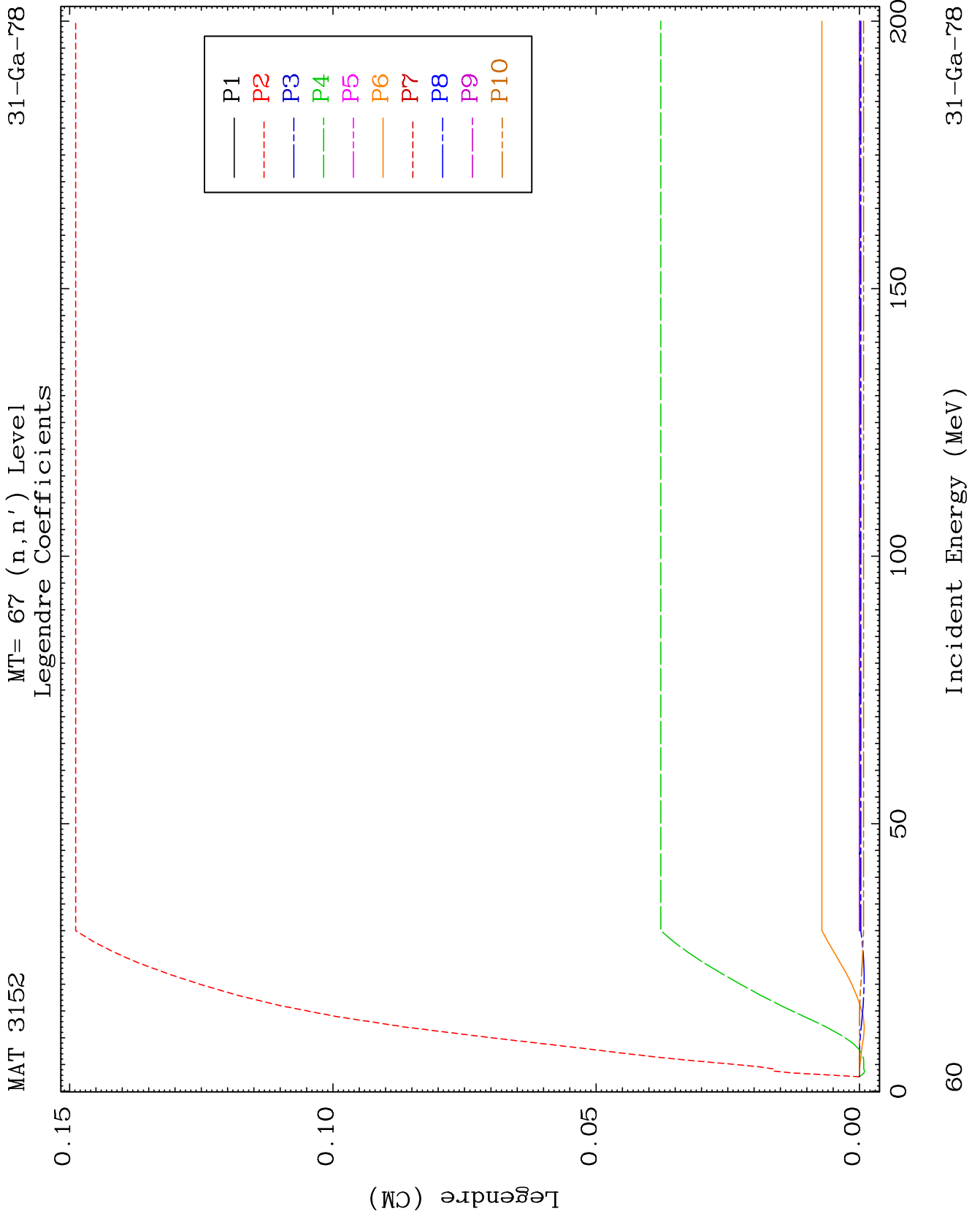
31-Ga-78

MAT 3152

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

31-Ga-78

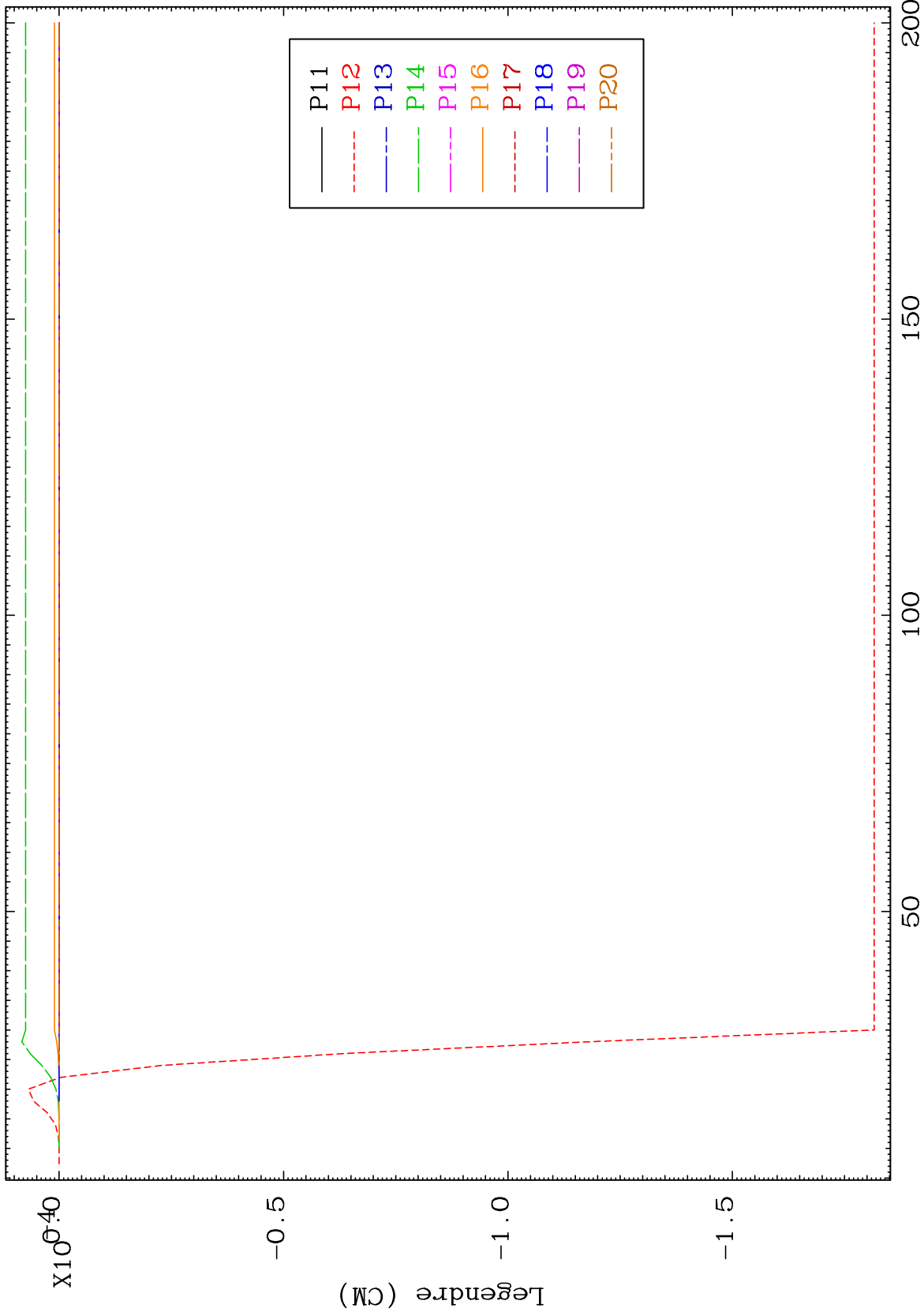




MAT 3152

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

31-Ga-78



61

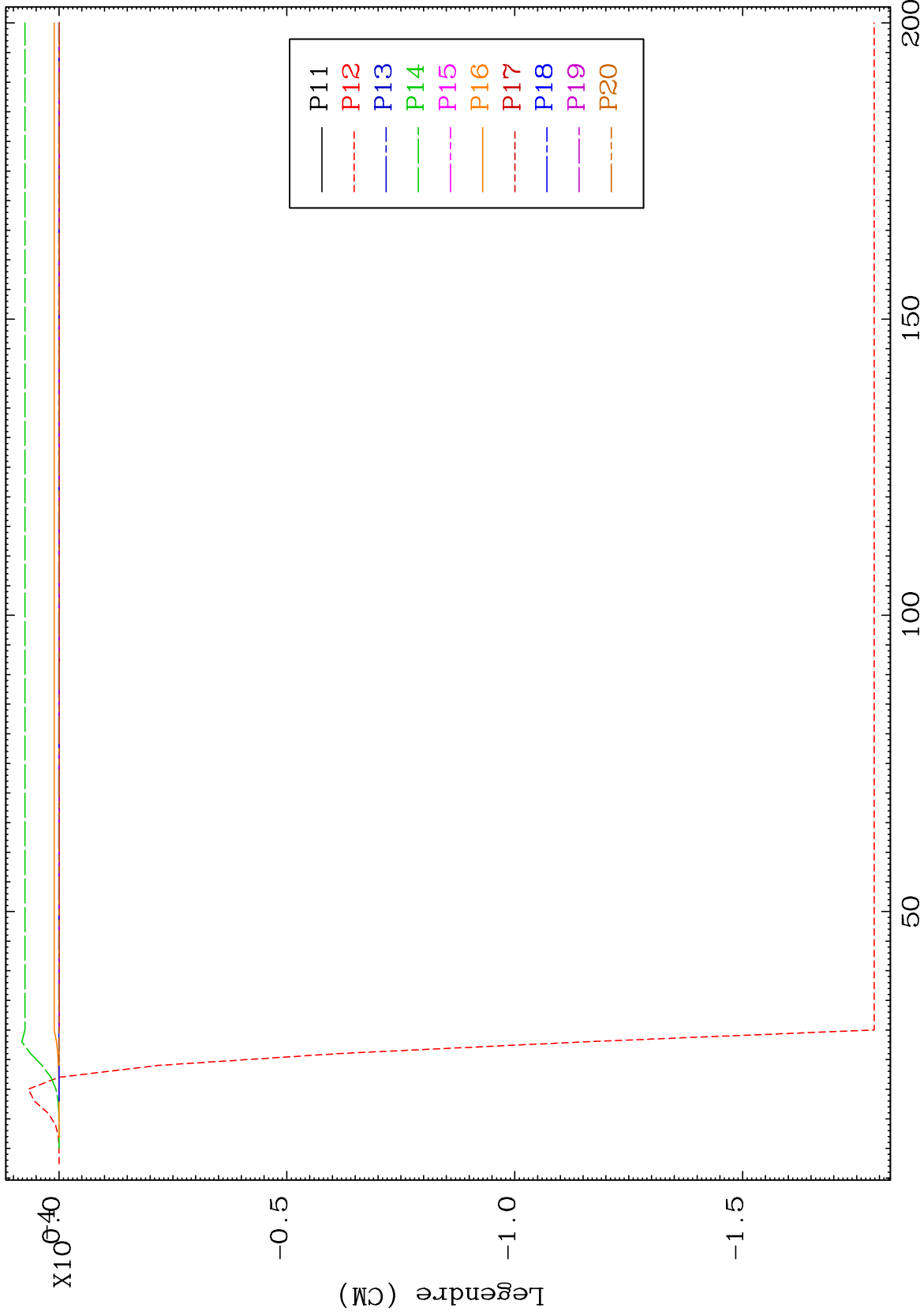
Incident Energy (MeV)

31-Ga-78

MAT 3152

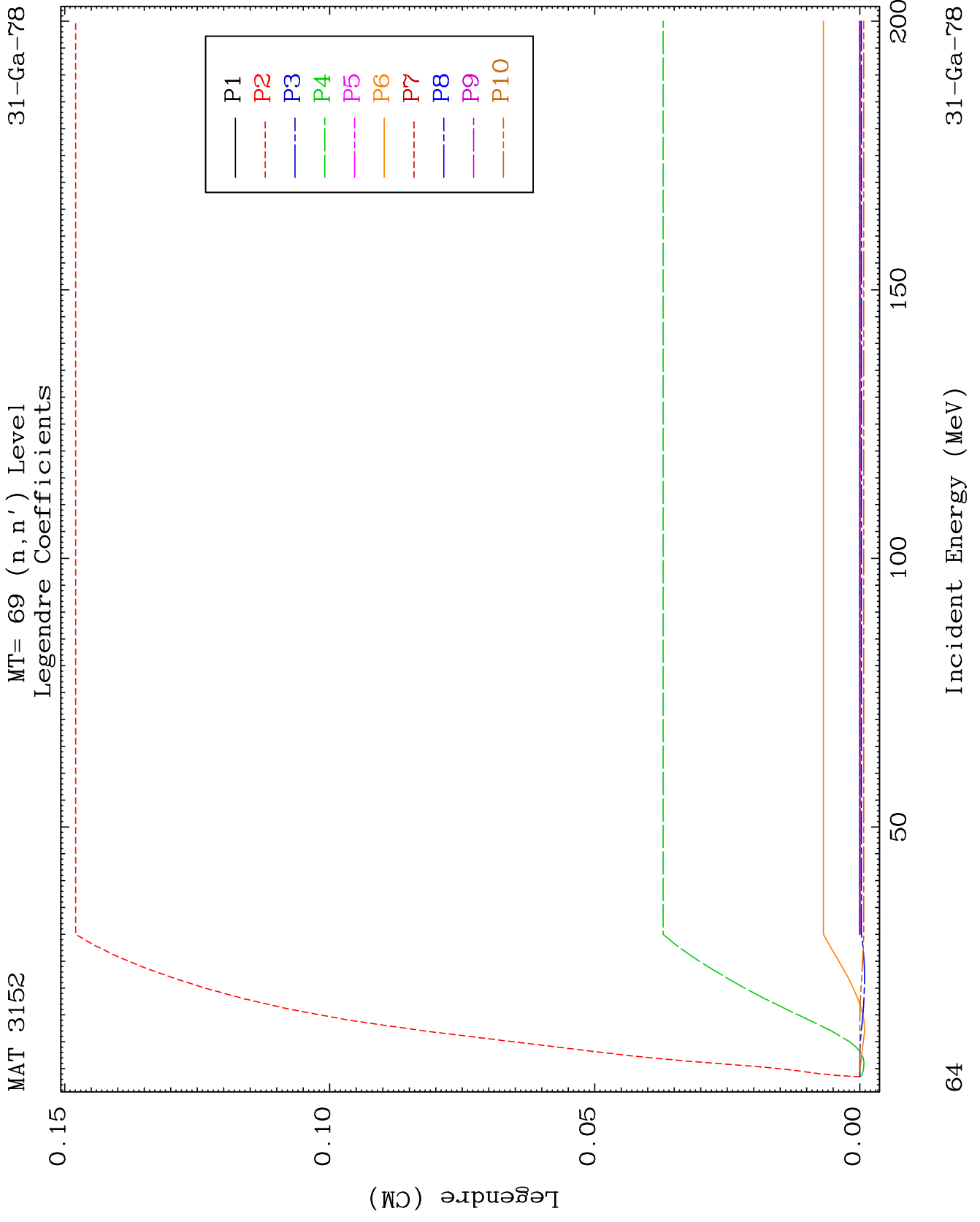
MT= 68 (n,n') Level
Legendre Coefficients

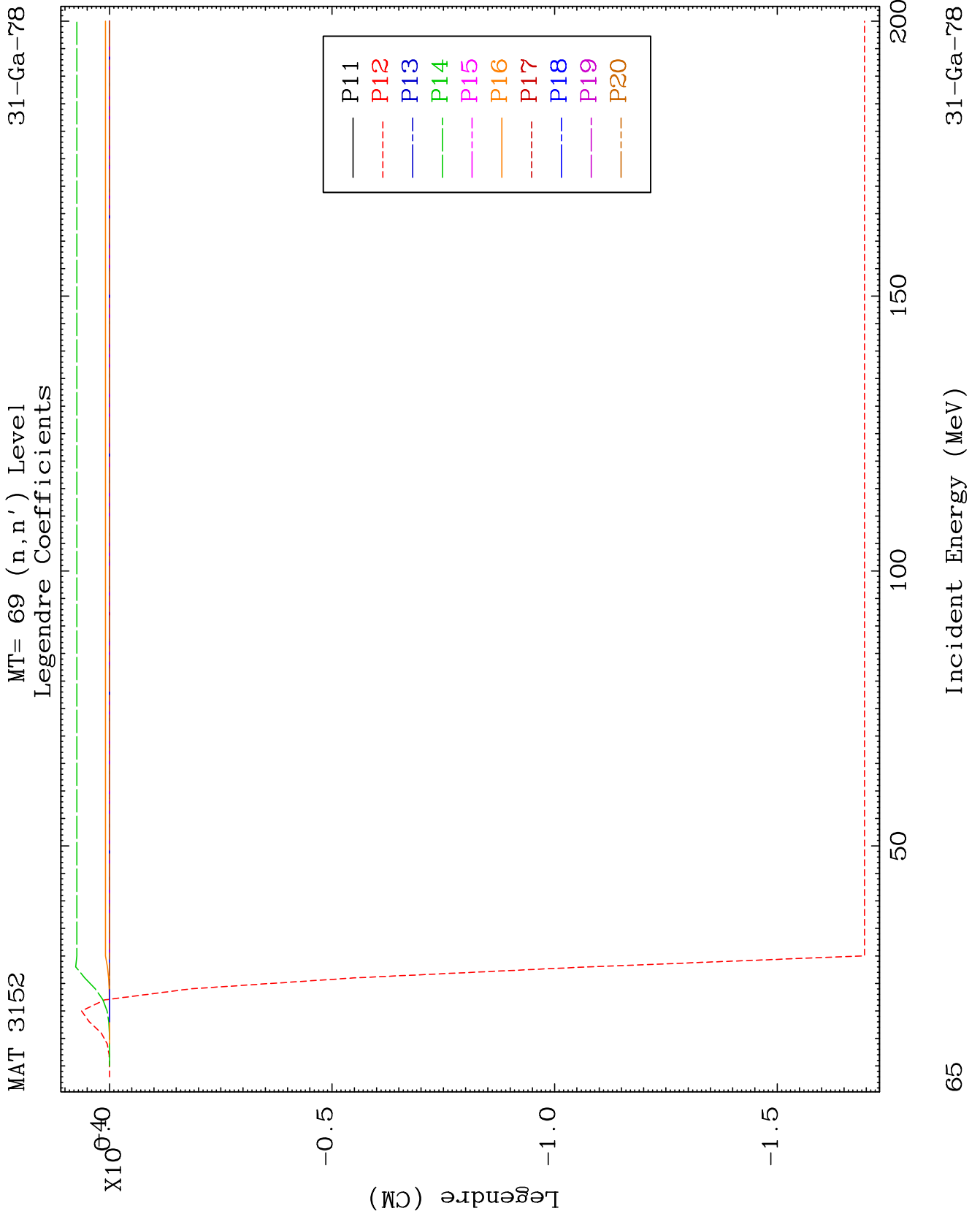
31-Ga-78

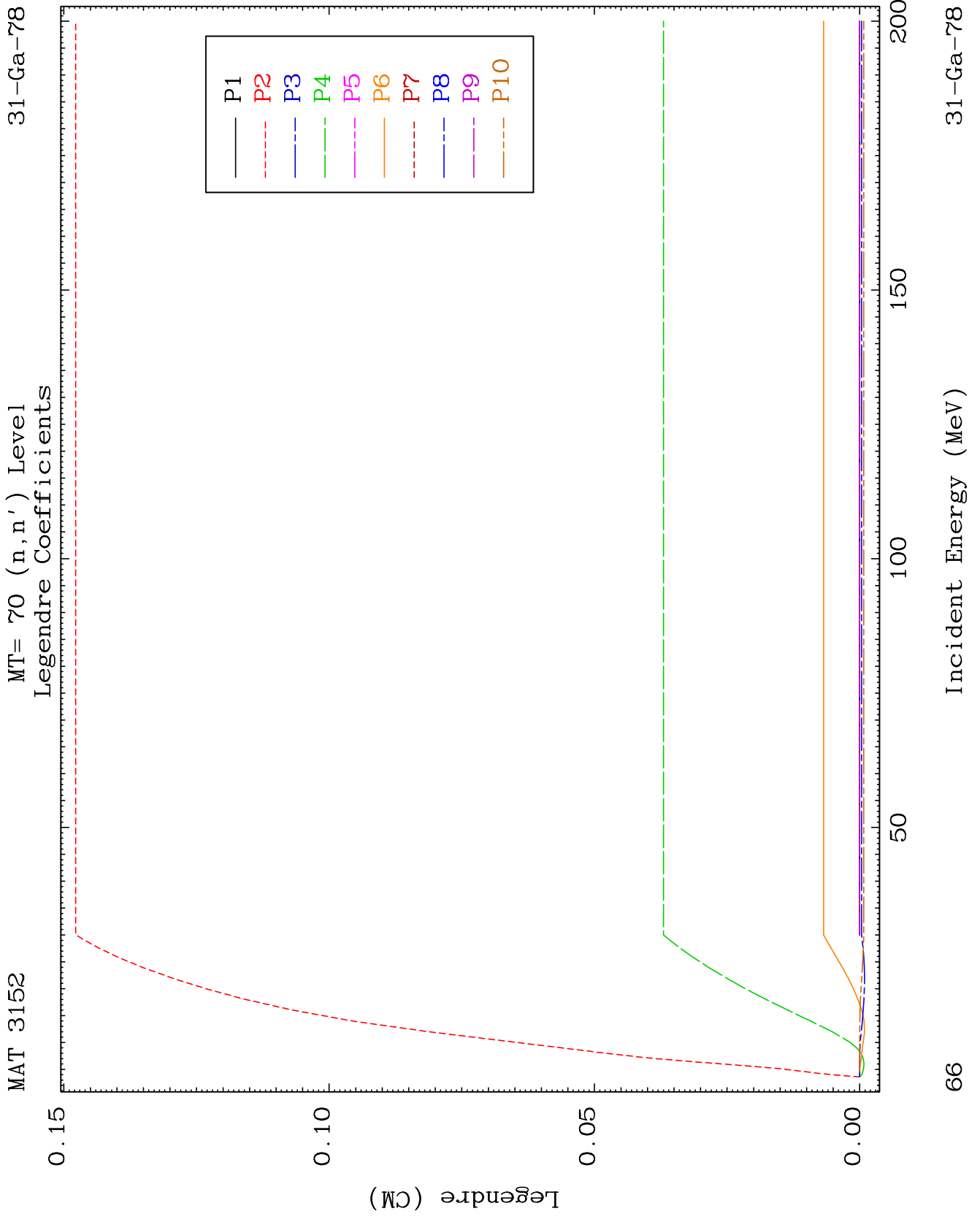


63

31-Ga-78



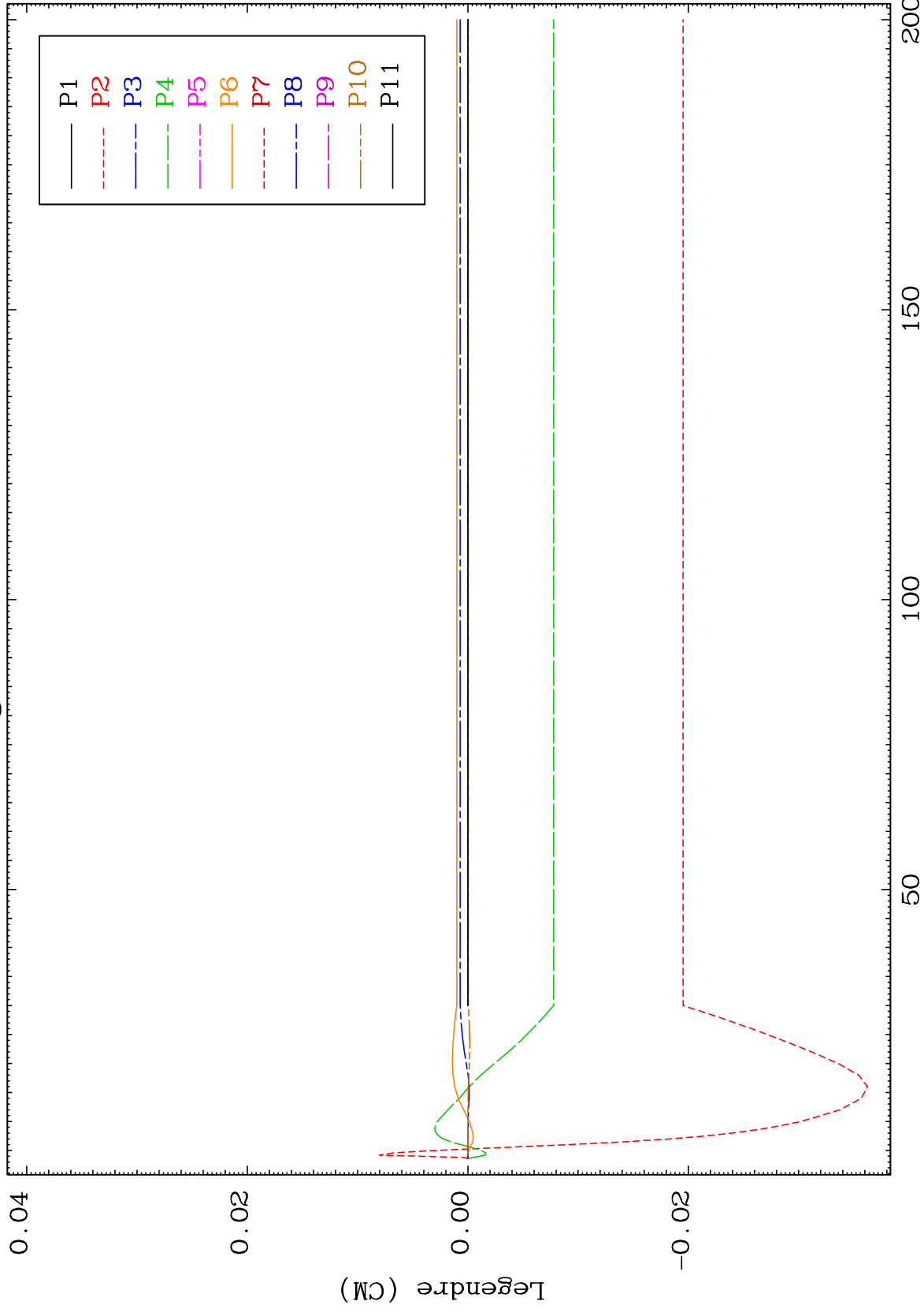




MAT 3152

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

31-Ga-78



31-Ga-78

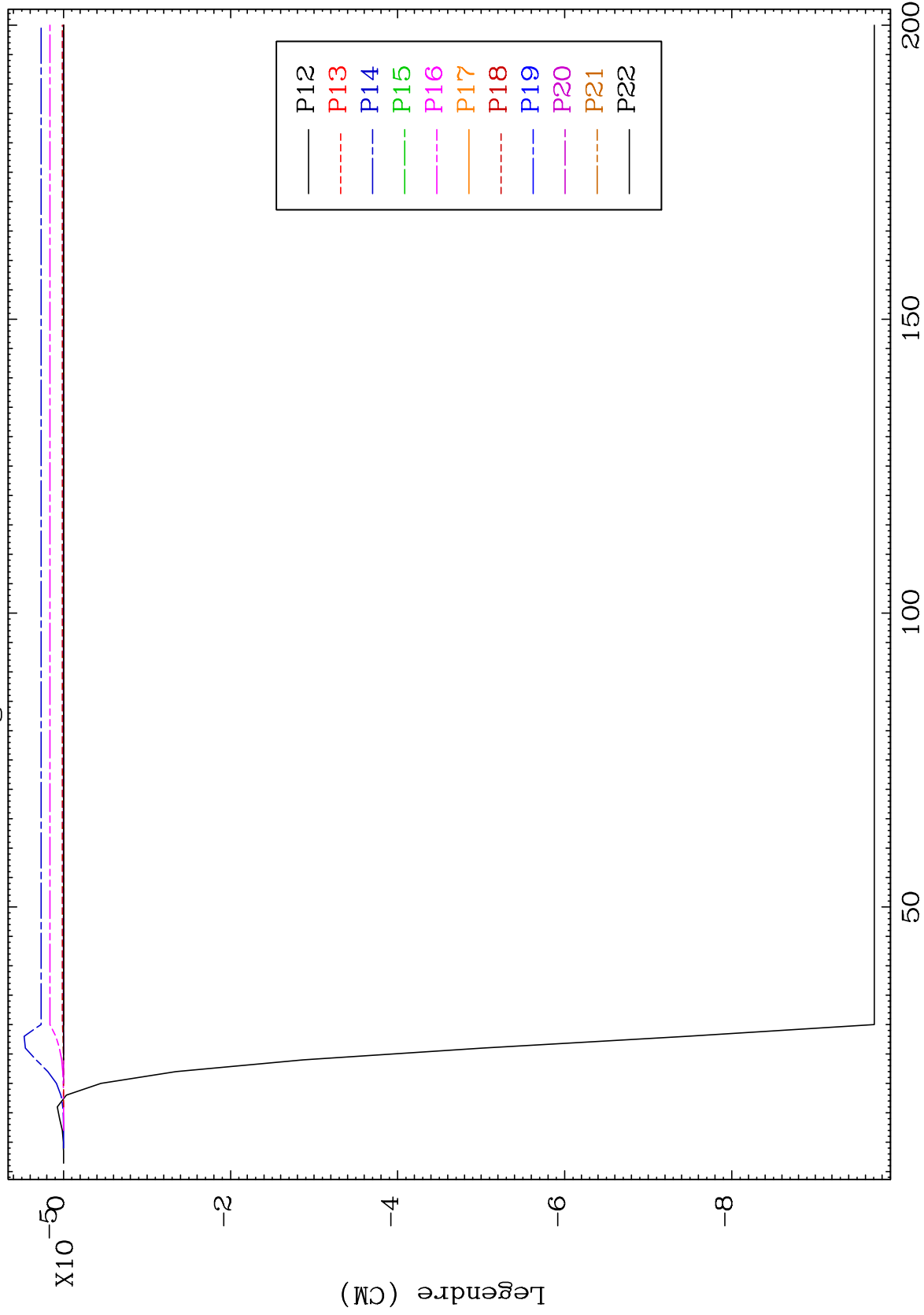
Incident Energy (MeV)

68

MAT 3152

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

31-Ga-78



69

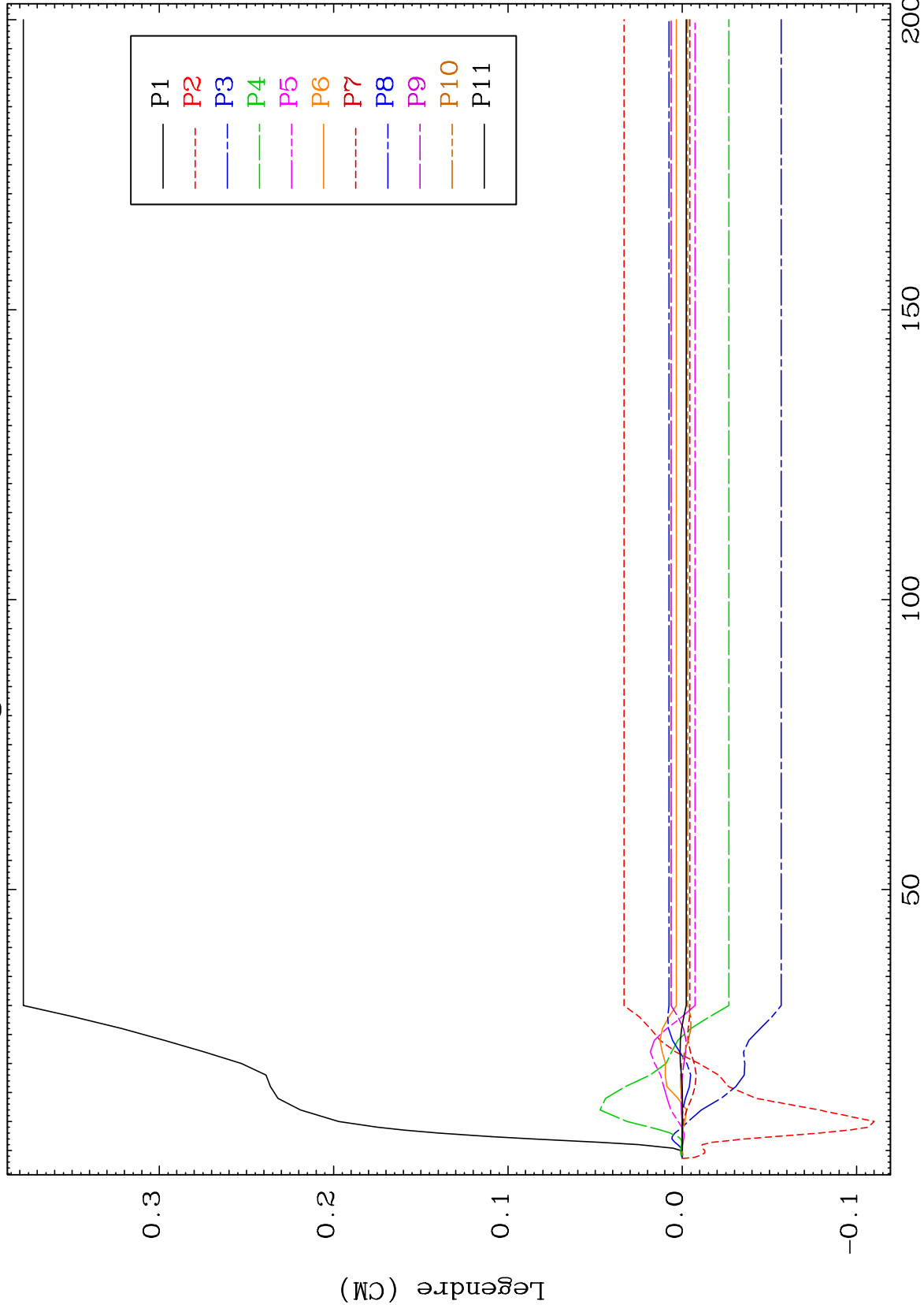
Incident Energy (MeV)

31-Ga-78

MAT 3152

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

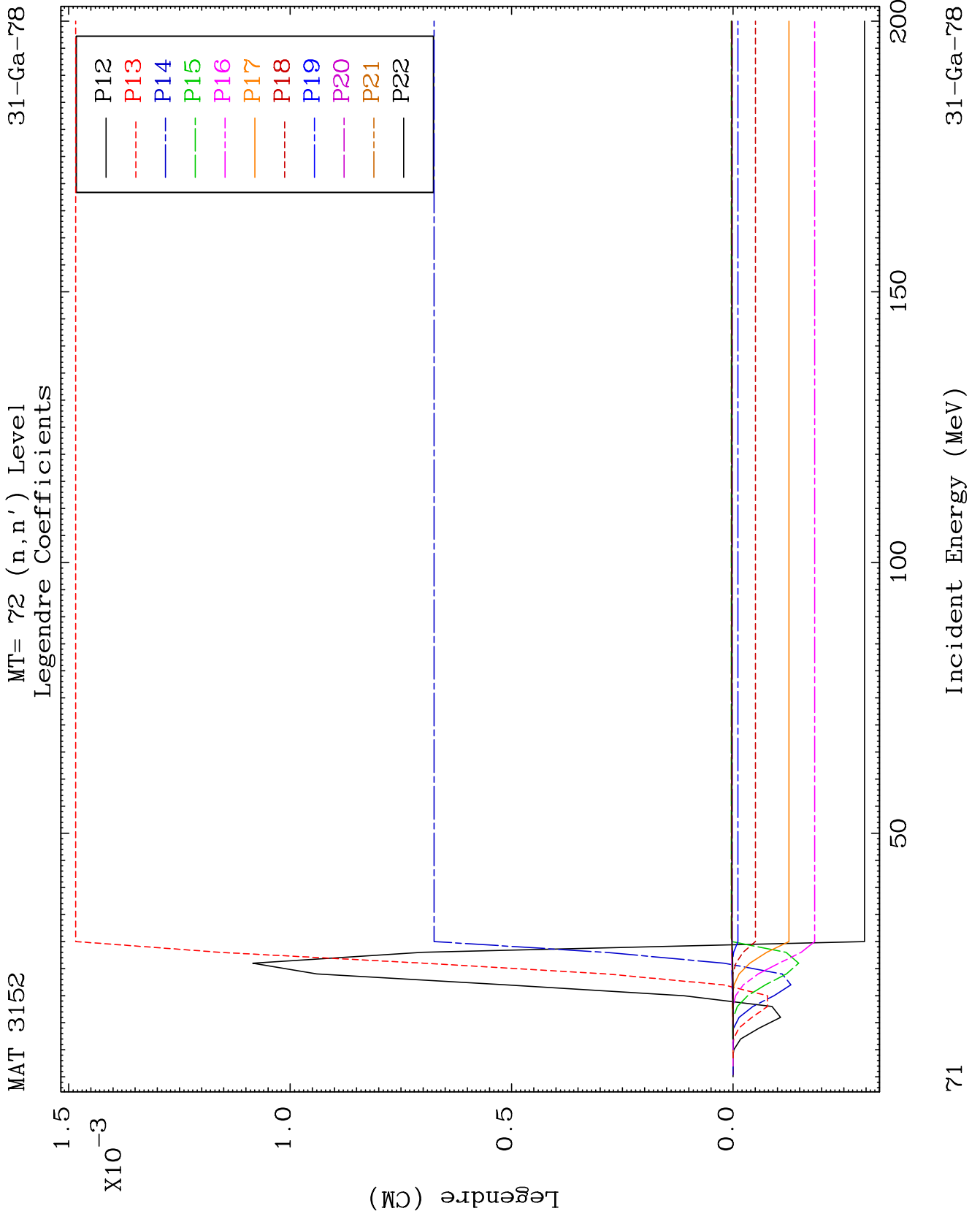
31-Ga-78



70

Incident Energy (MeV)

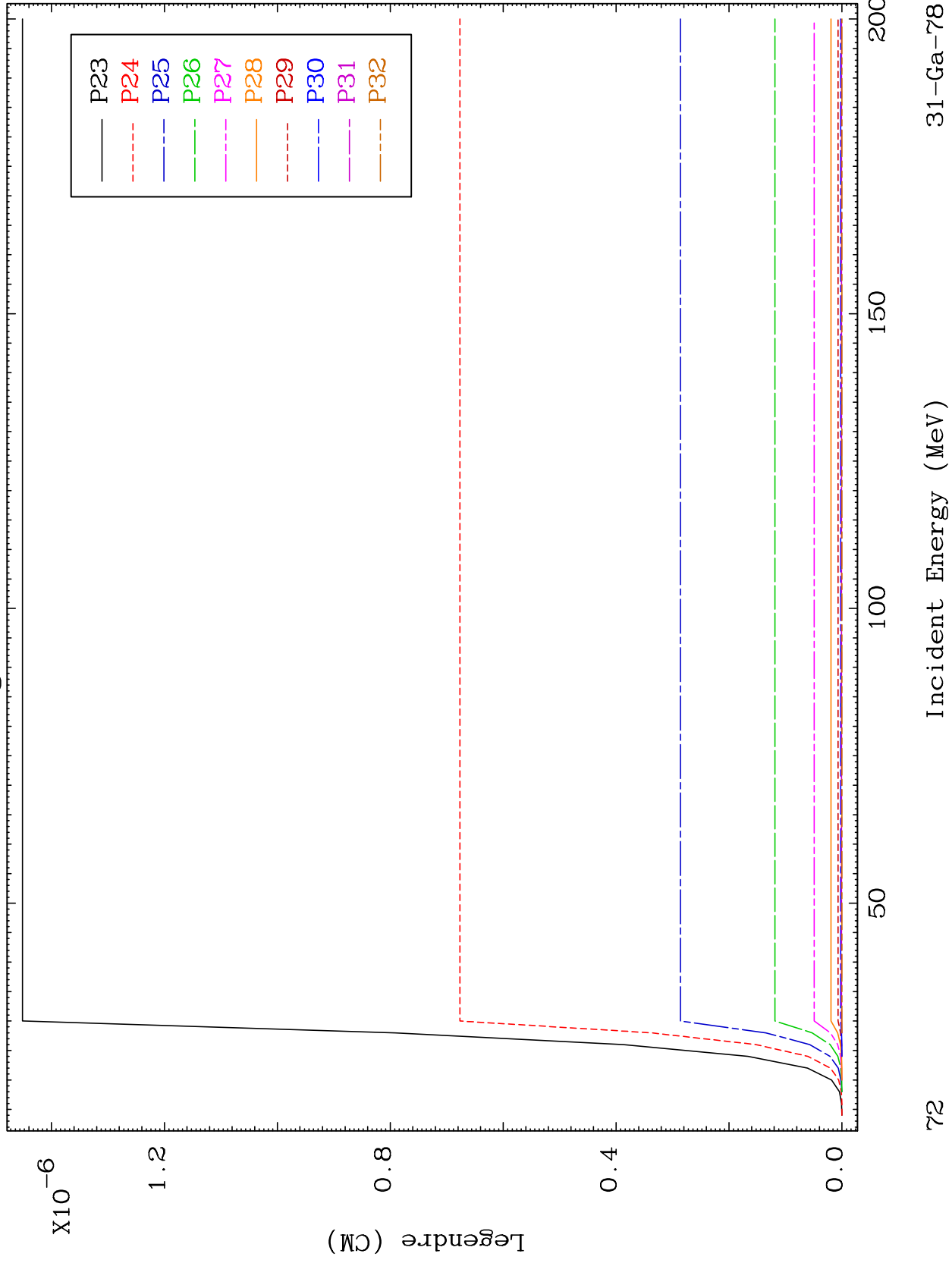
31-Ga-78



MAT 3152

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

31-Ga-78



72

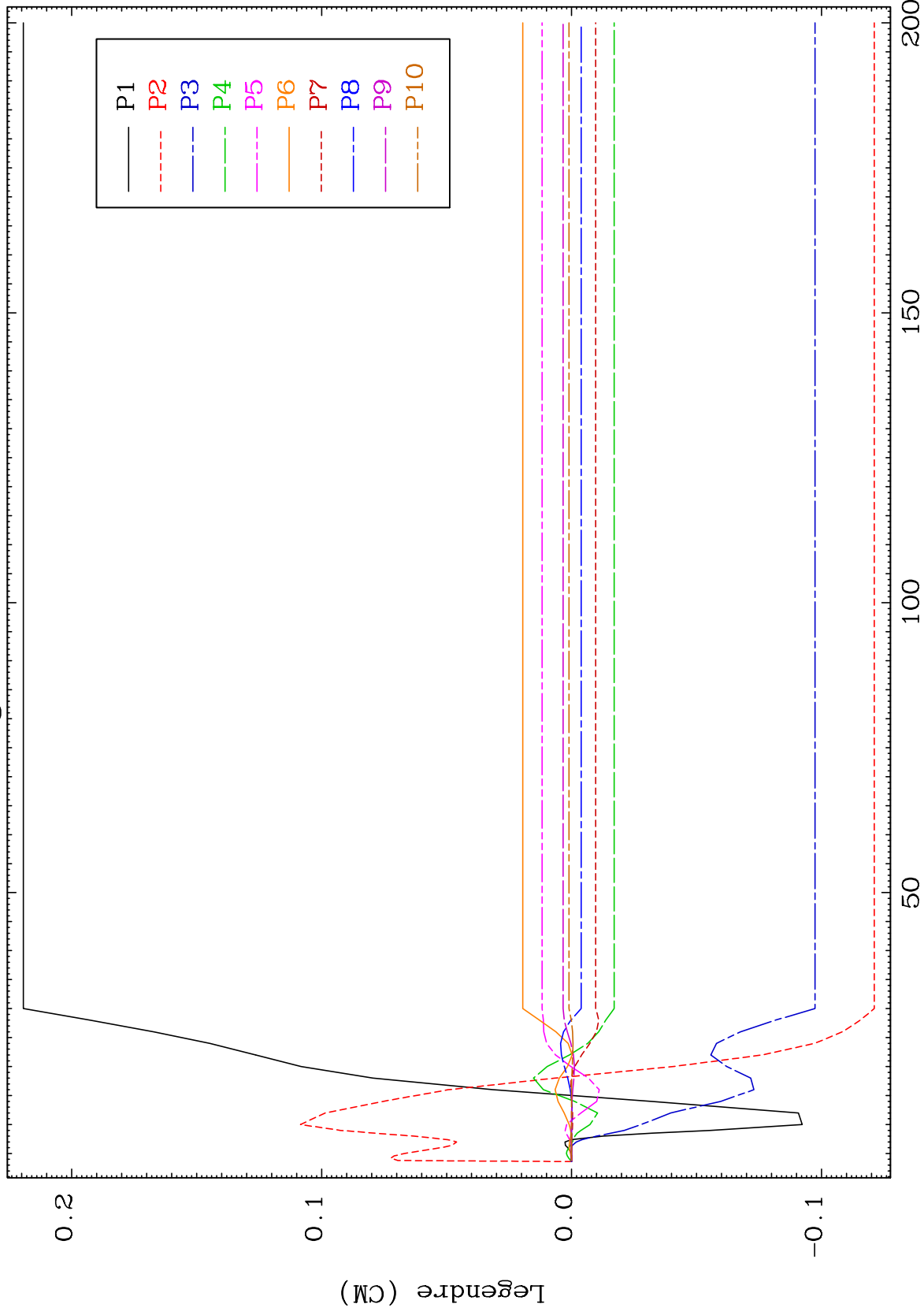
Incident Energy (MeV)

31-Ga-78

MAT 3152

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

31-Ga-78



73

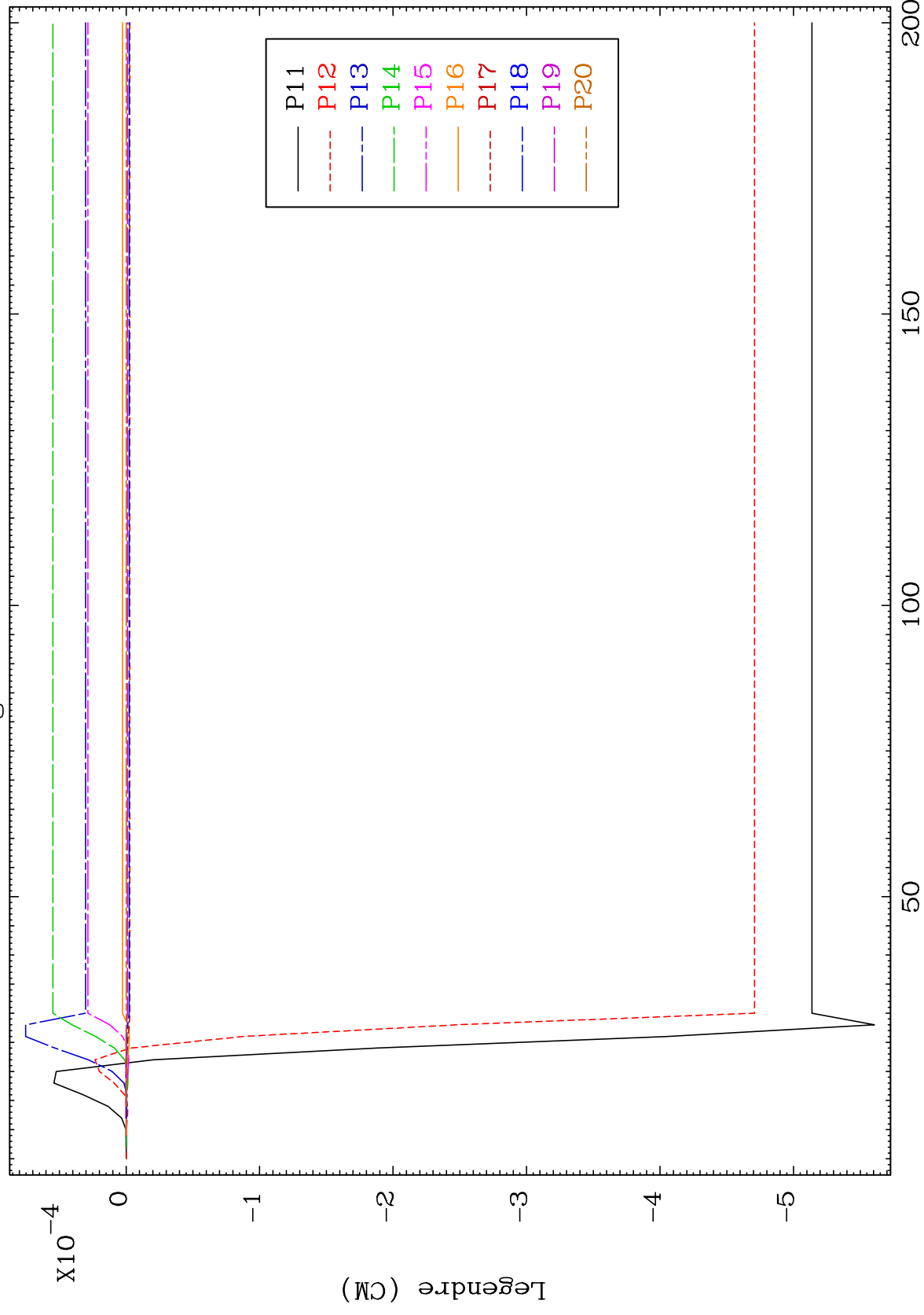
Incident Energy (MeV)

31-Ga-78

MAT 3152

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

31-Ga-78



74

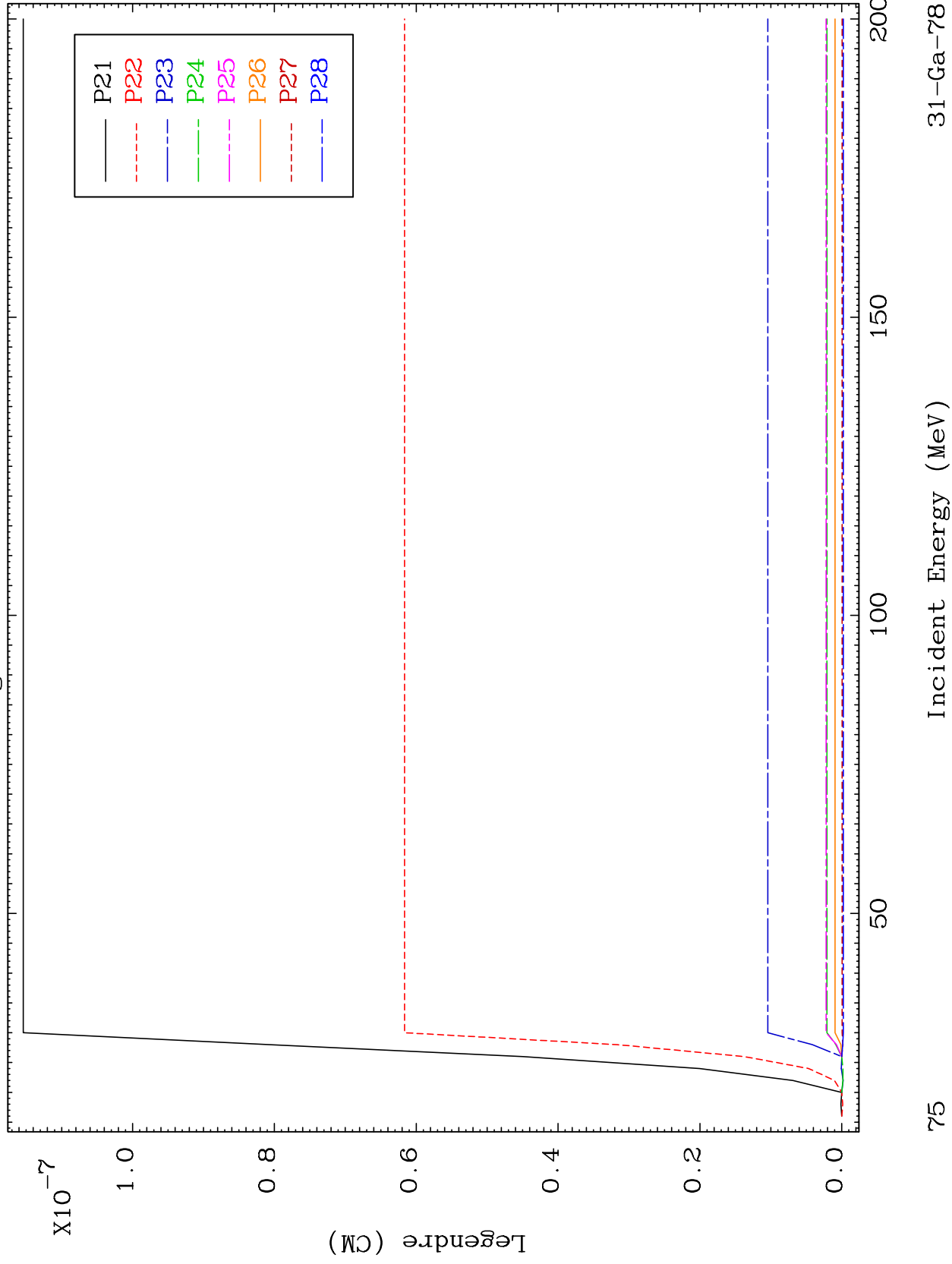
Incident Energy (MeV)

31-Ga-78

MAT 3152

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

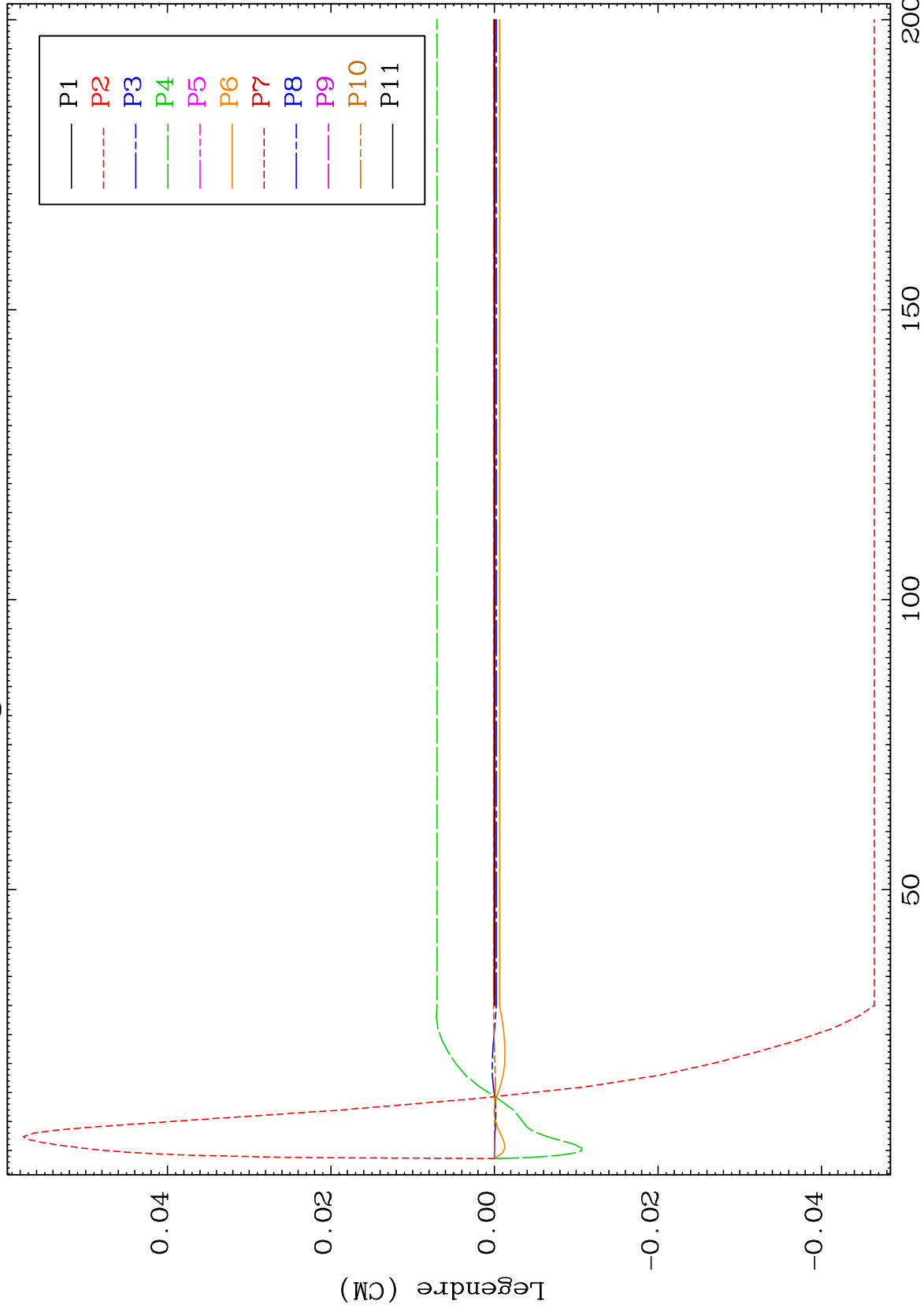
31-Ga-78



MAT 3152

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

31-Ga-78



76

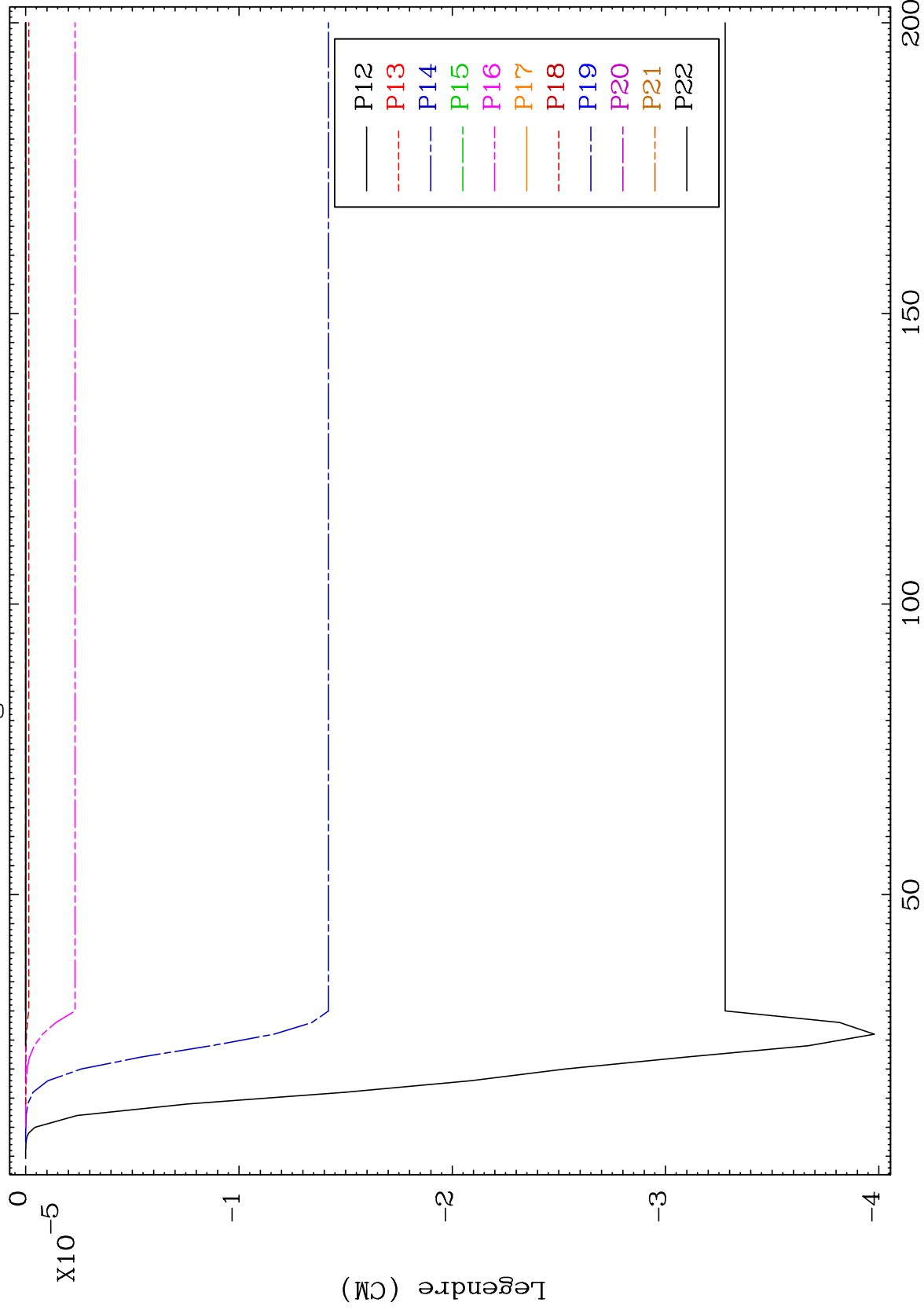
Incident Energy (MeV)

31-Ga-78

MAT 3152

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

31-Ga-78



77

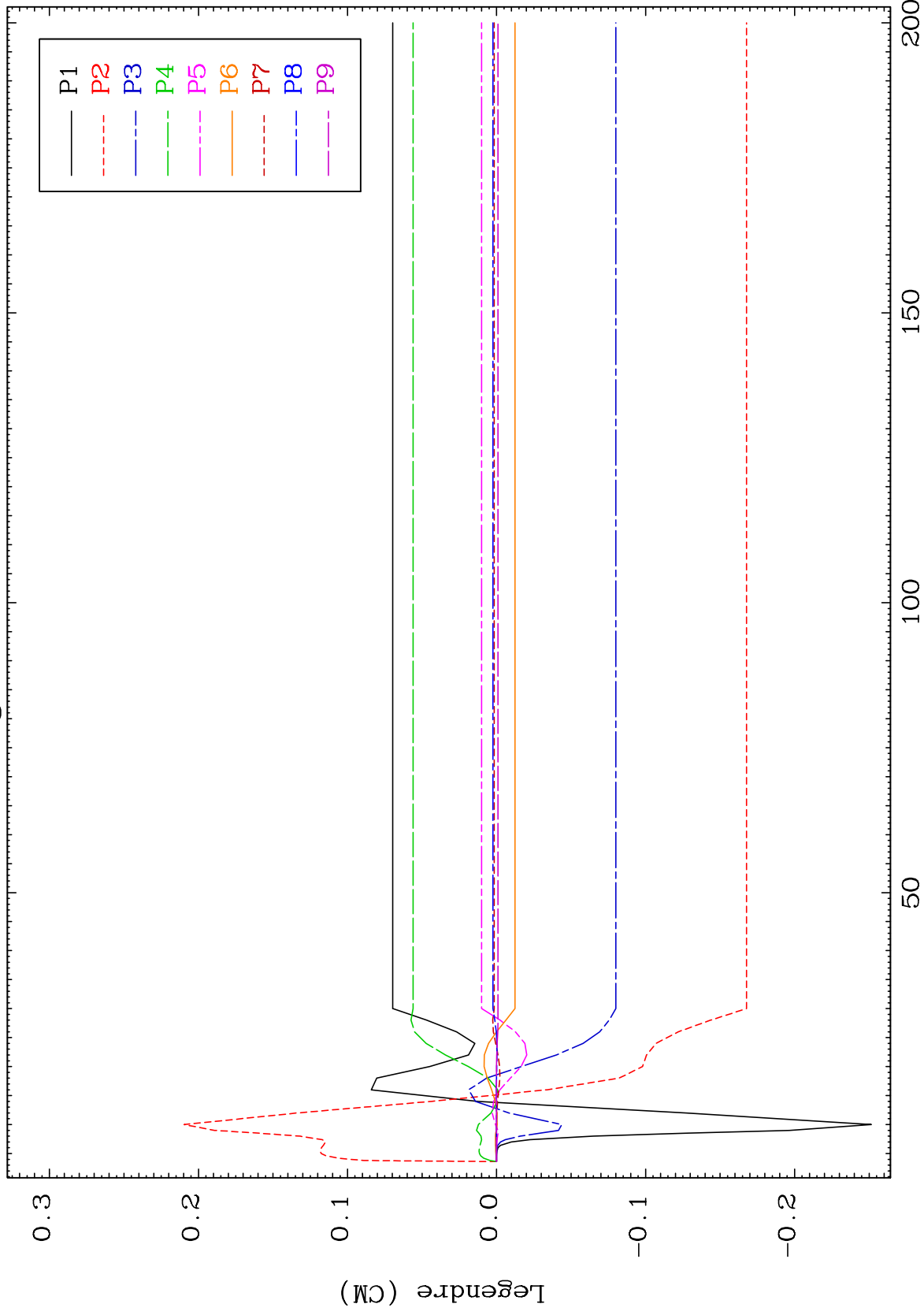
Incident Energy (MeV)

31-Ga-78

MAT 3152

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

31-Ga-78



78

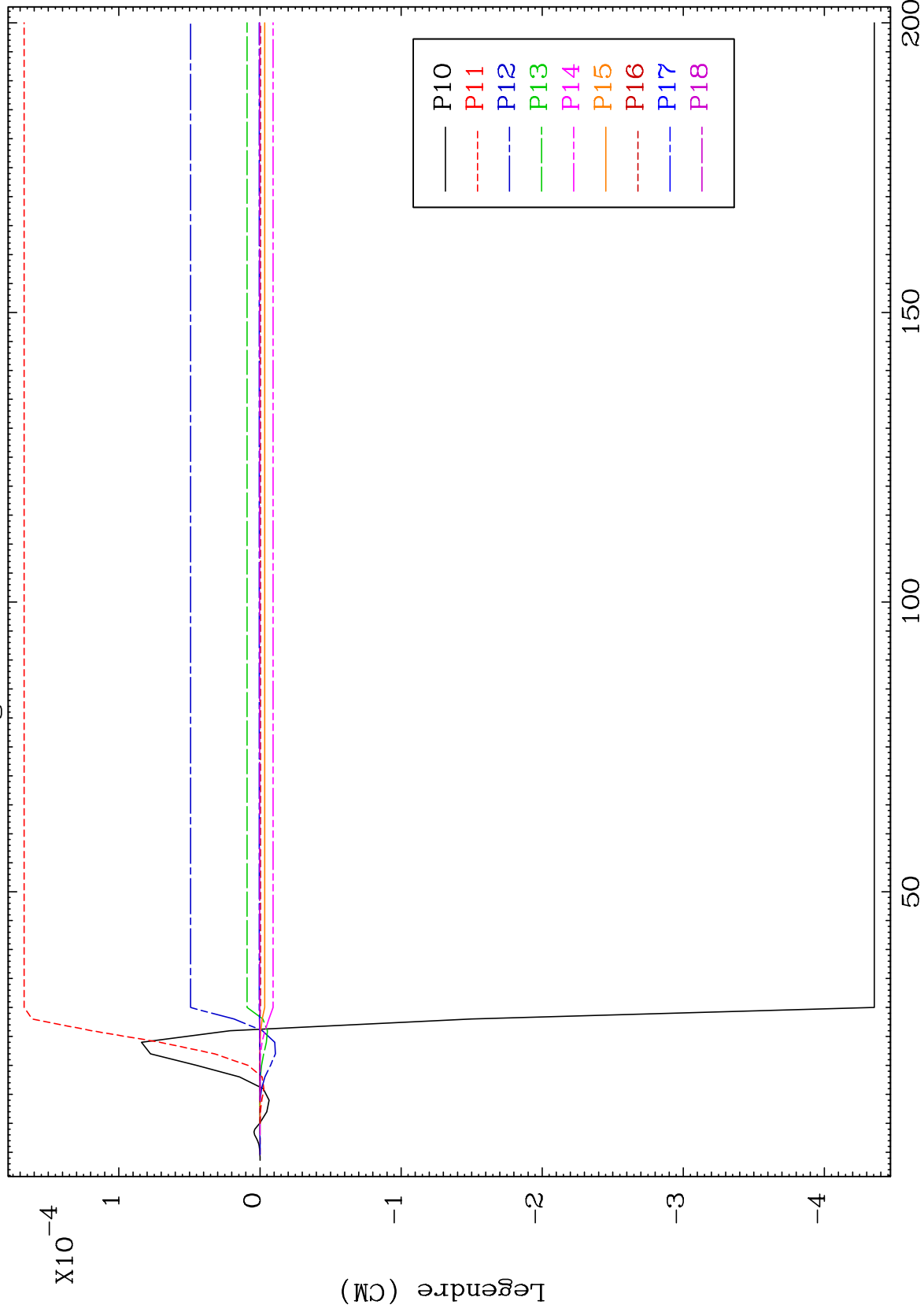
Incident Energy (MeV)

31-Ga-78

MAT 3152

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

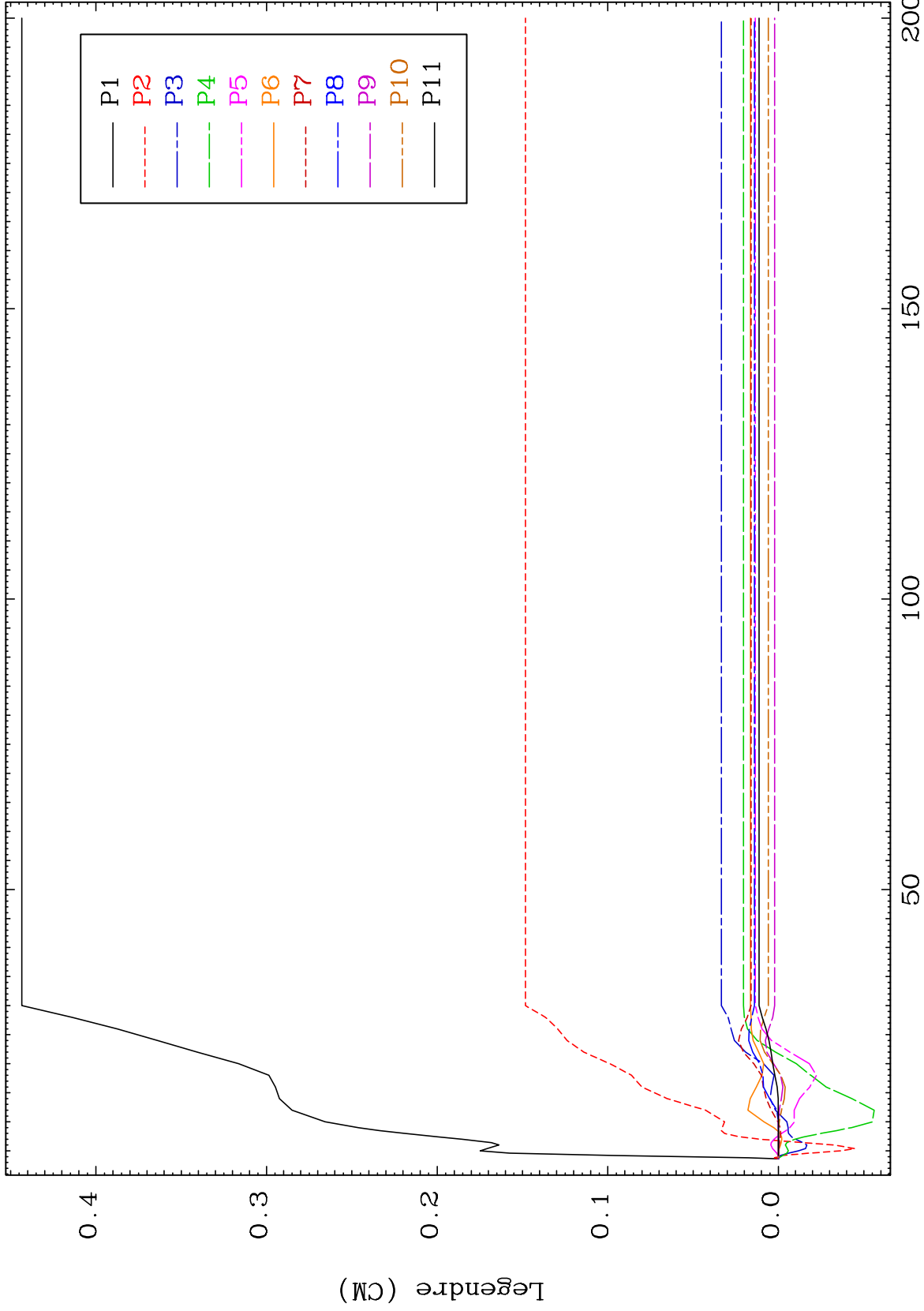
31-Ga-78



79

Incident Energy (MeV)

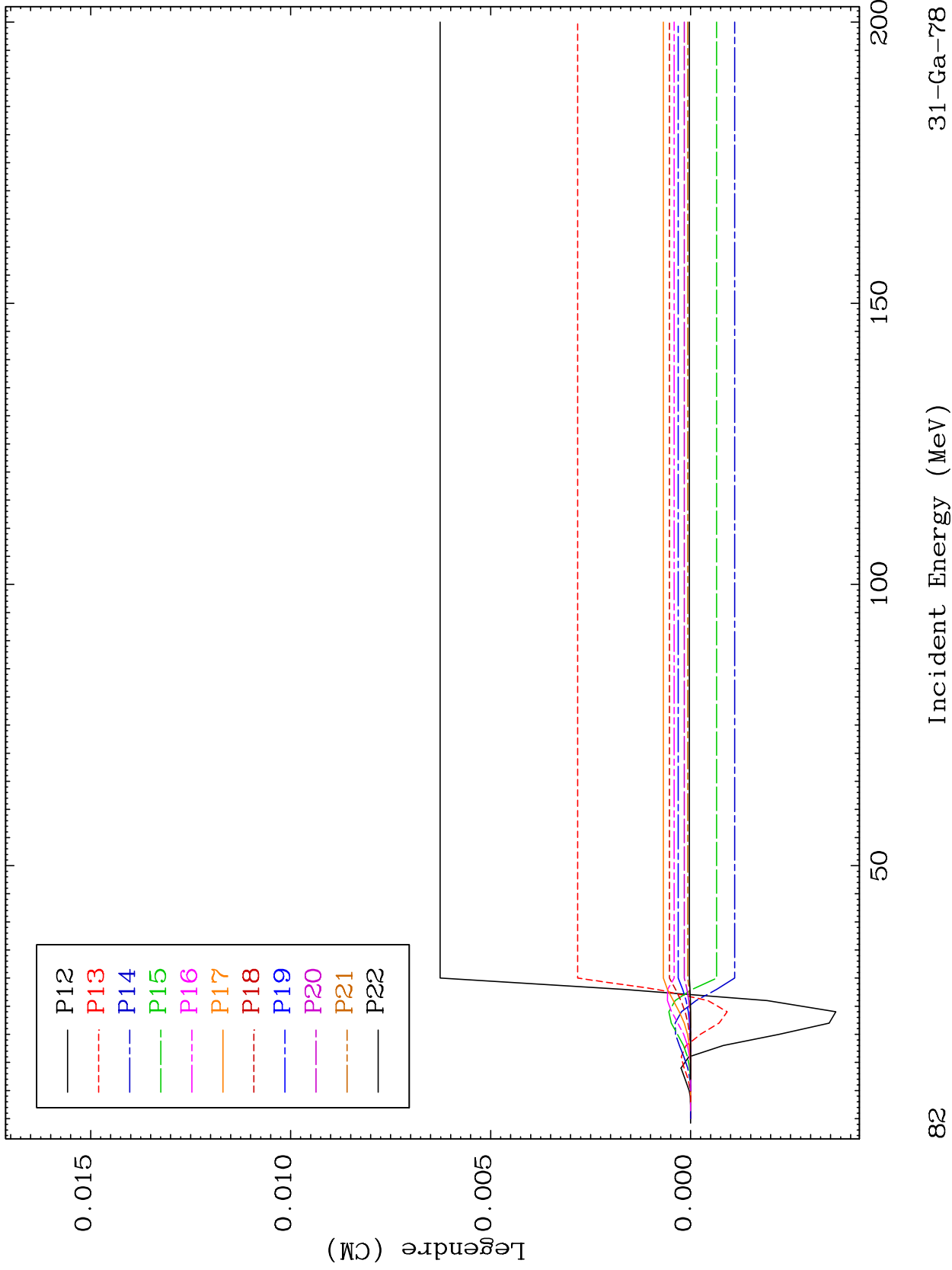
31-Ga-78



MAT 3152

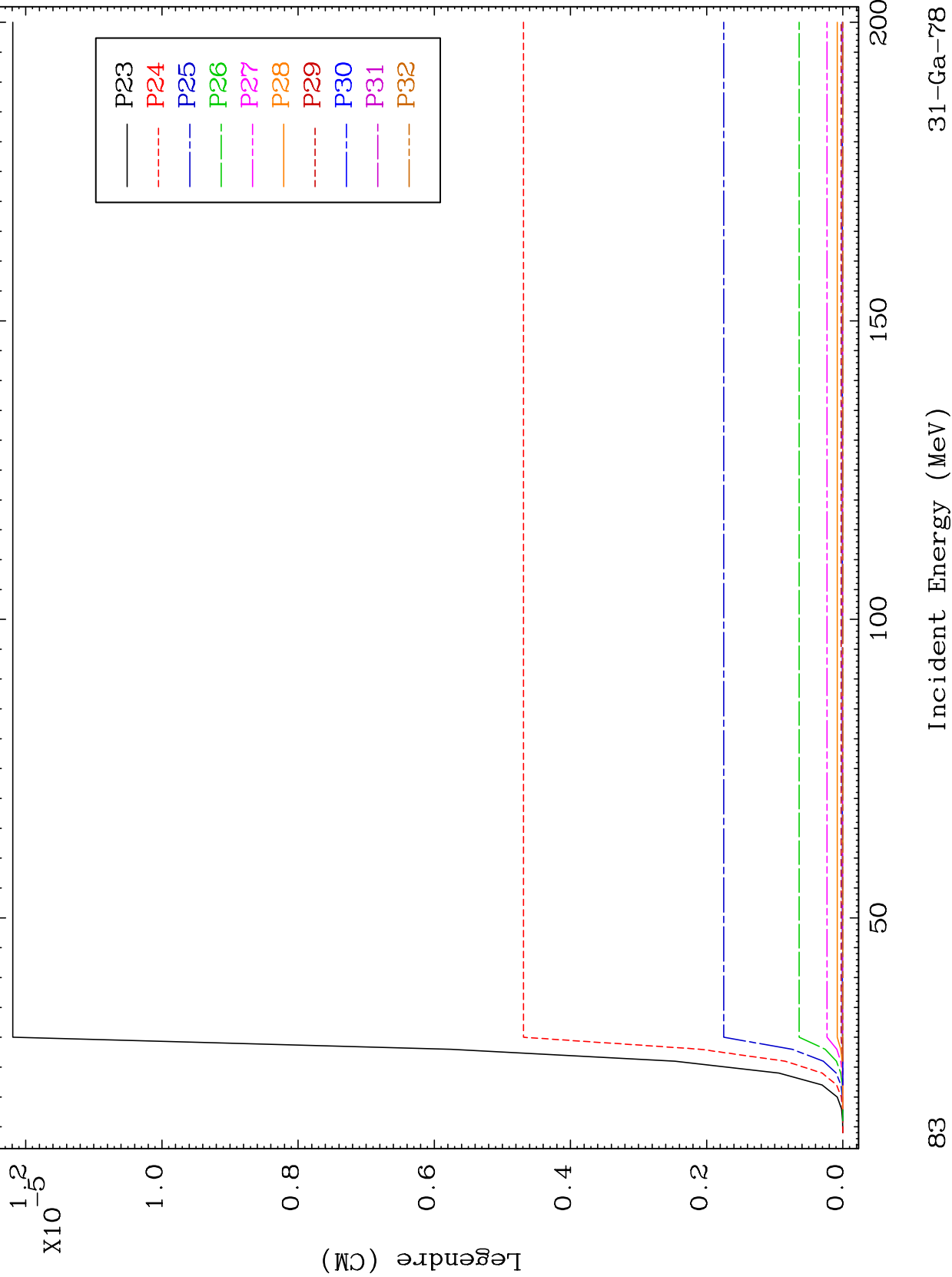
MT= 76 (n,n') Level
Legendre Coefficients

31-Ga-78



82

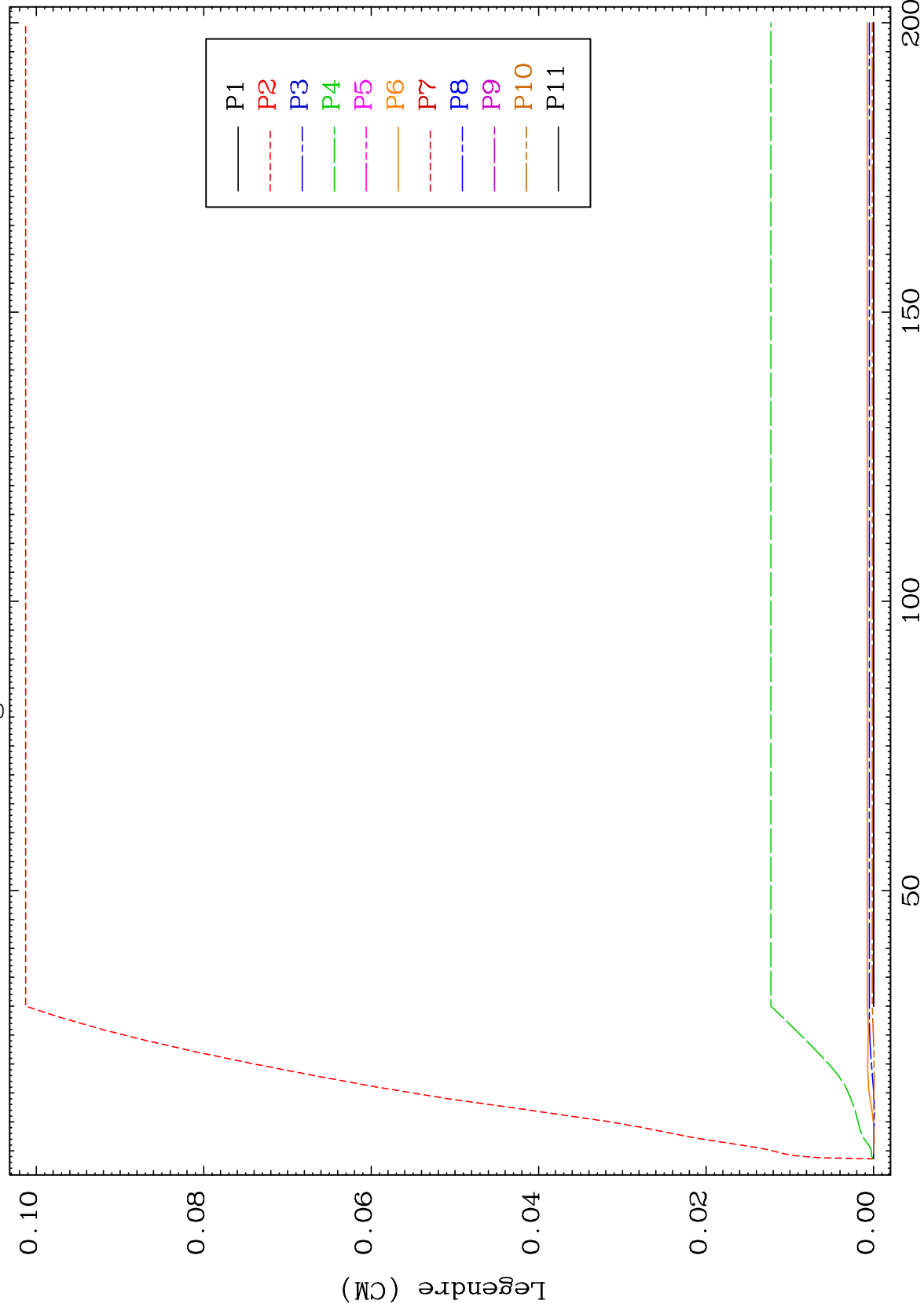
31-Ga-78



MAT 3152

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

31-Ga-78



84

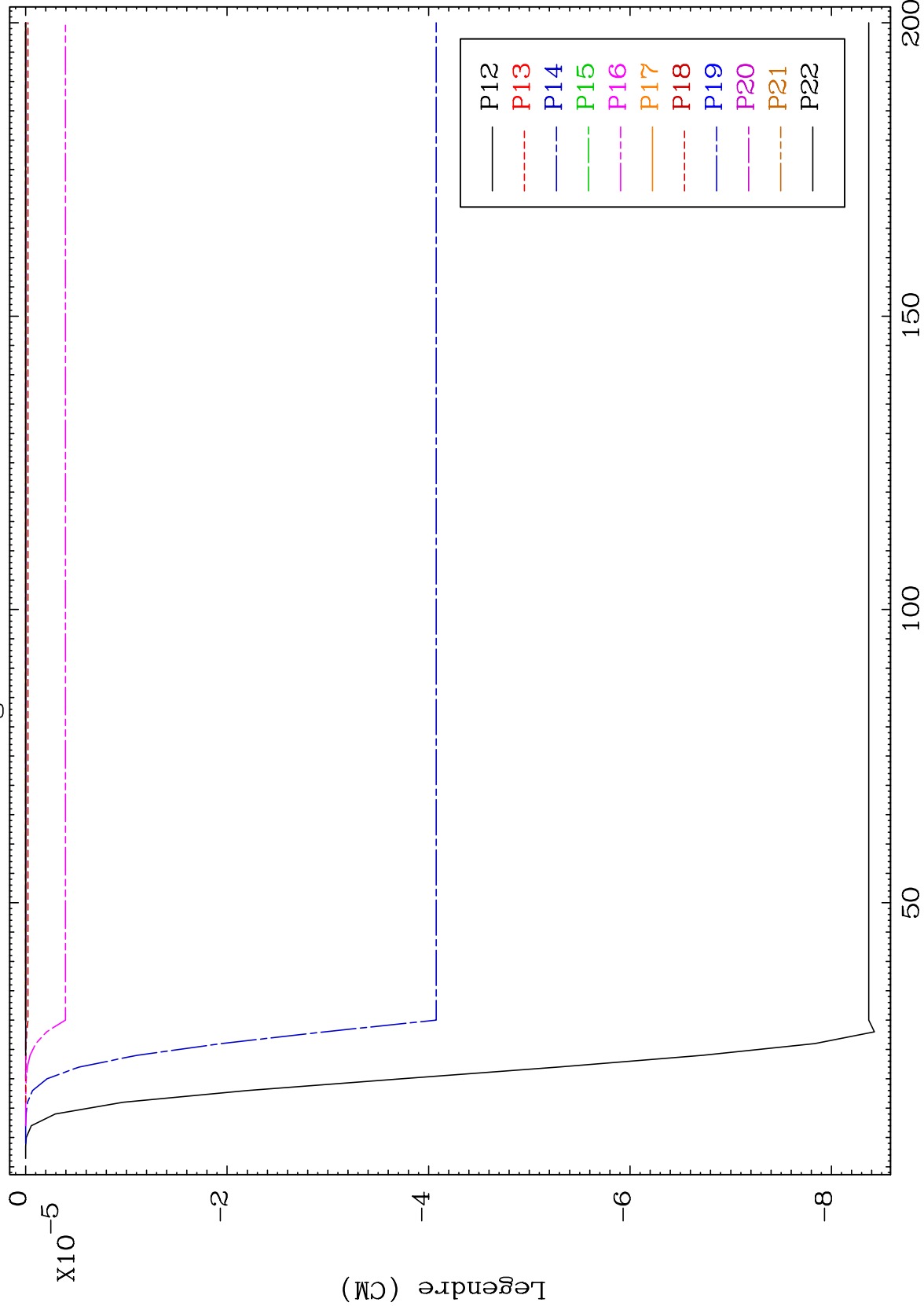
Incident Energy (MeV)

31-Ga-78

MAT 3152

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

31-Ga-78



85

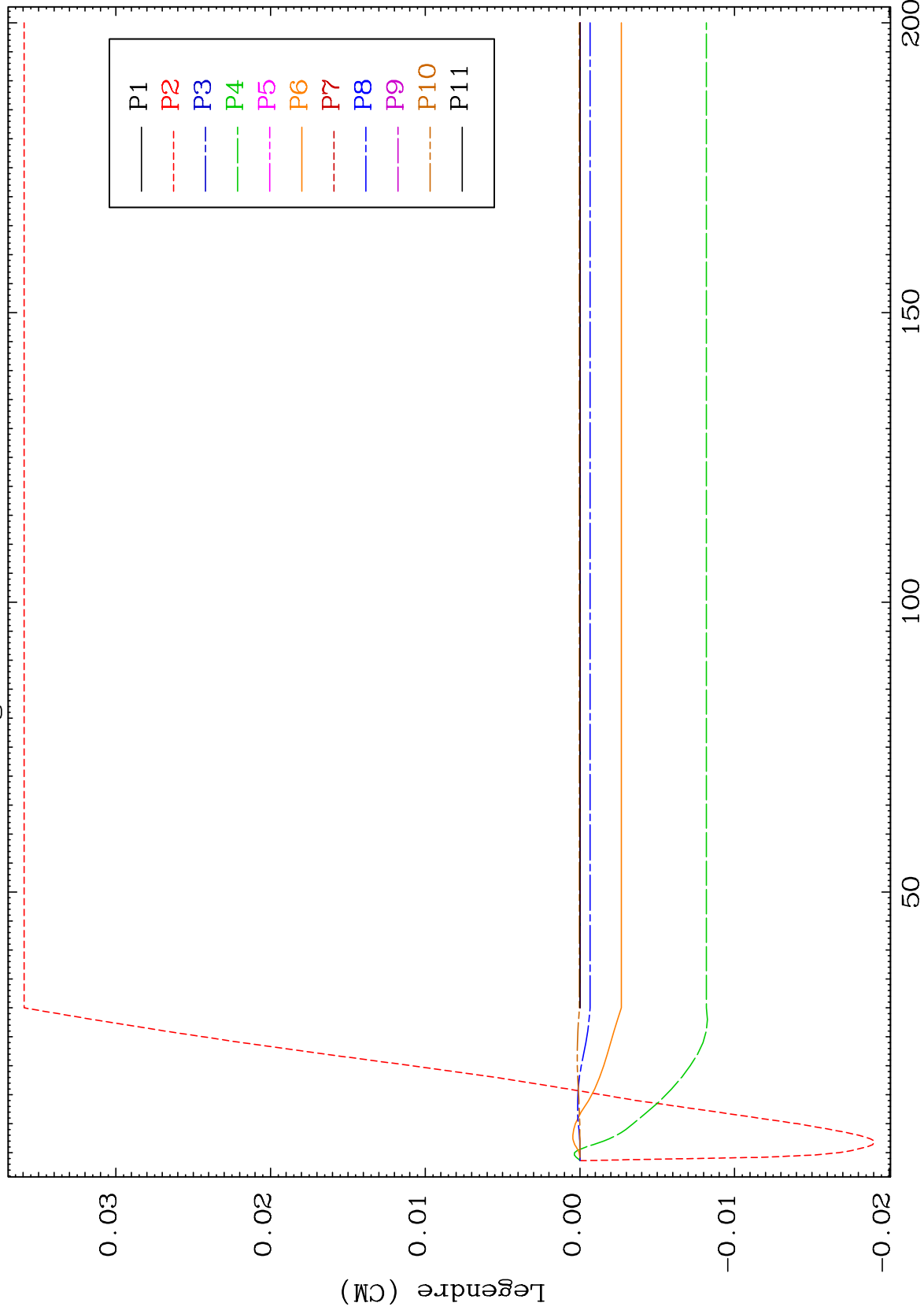
Incident Energy (MeV)

31-Ga-78

MAT 3152

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

31-Ga-78



31-Ga-78

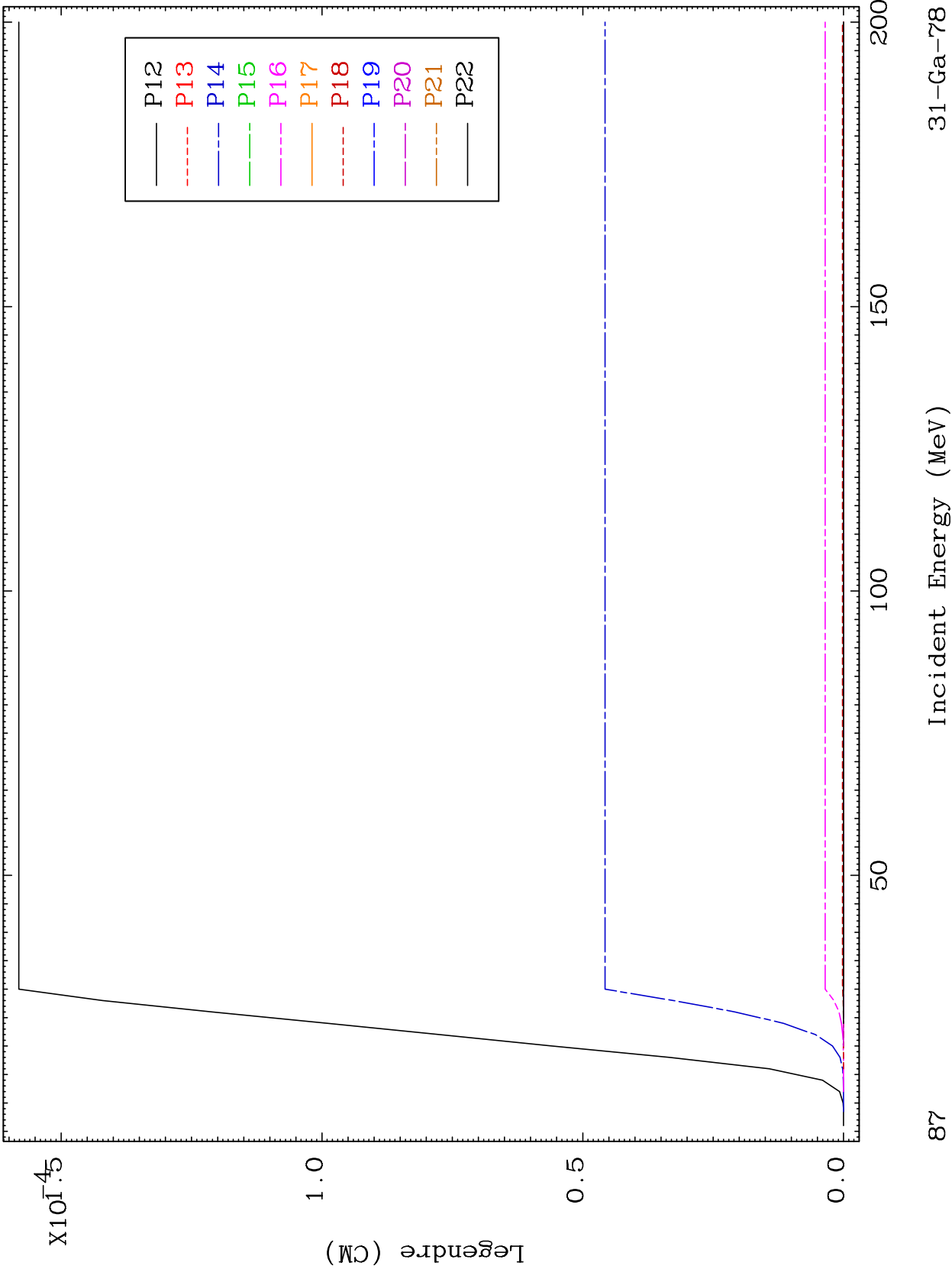
Incident Energy (MeV)

86

MAT 3152

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

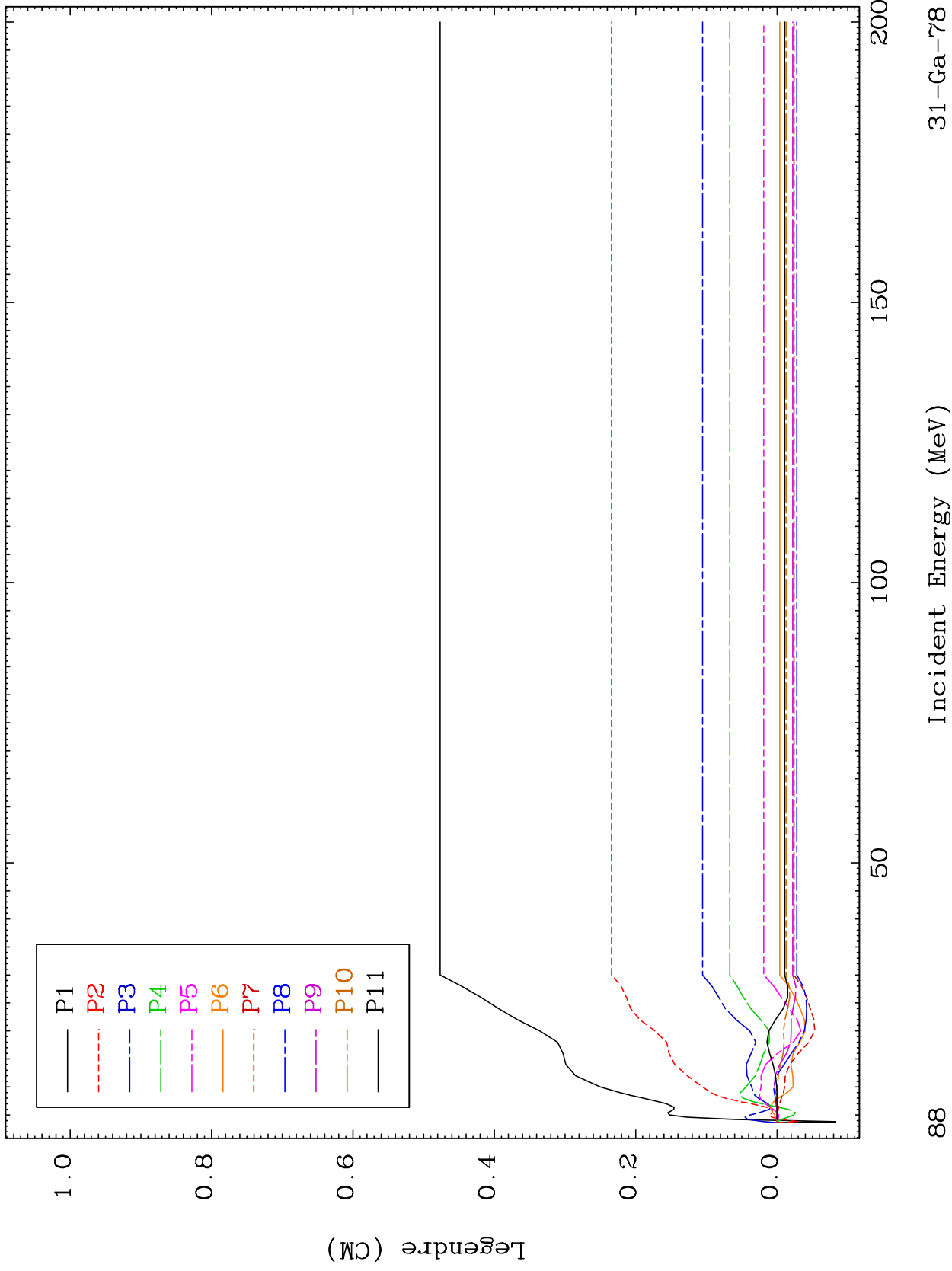
31-Ga-78



87

Incident Energy (MeV)

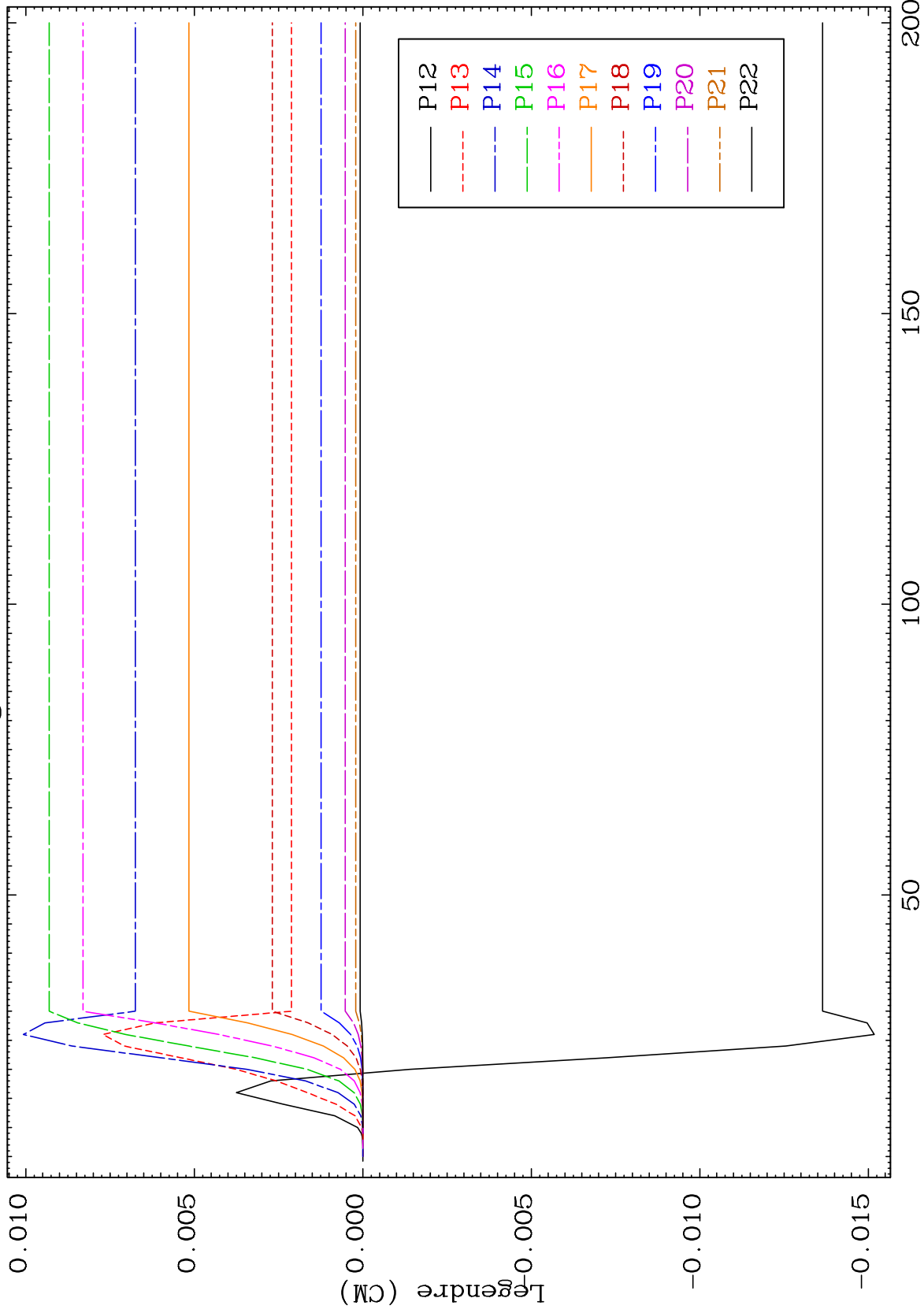
31-Ga-78



MAT 3152

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

31-Ga-78



89

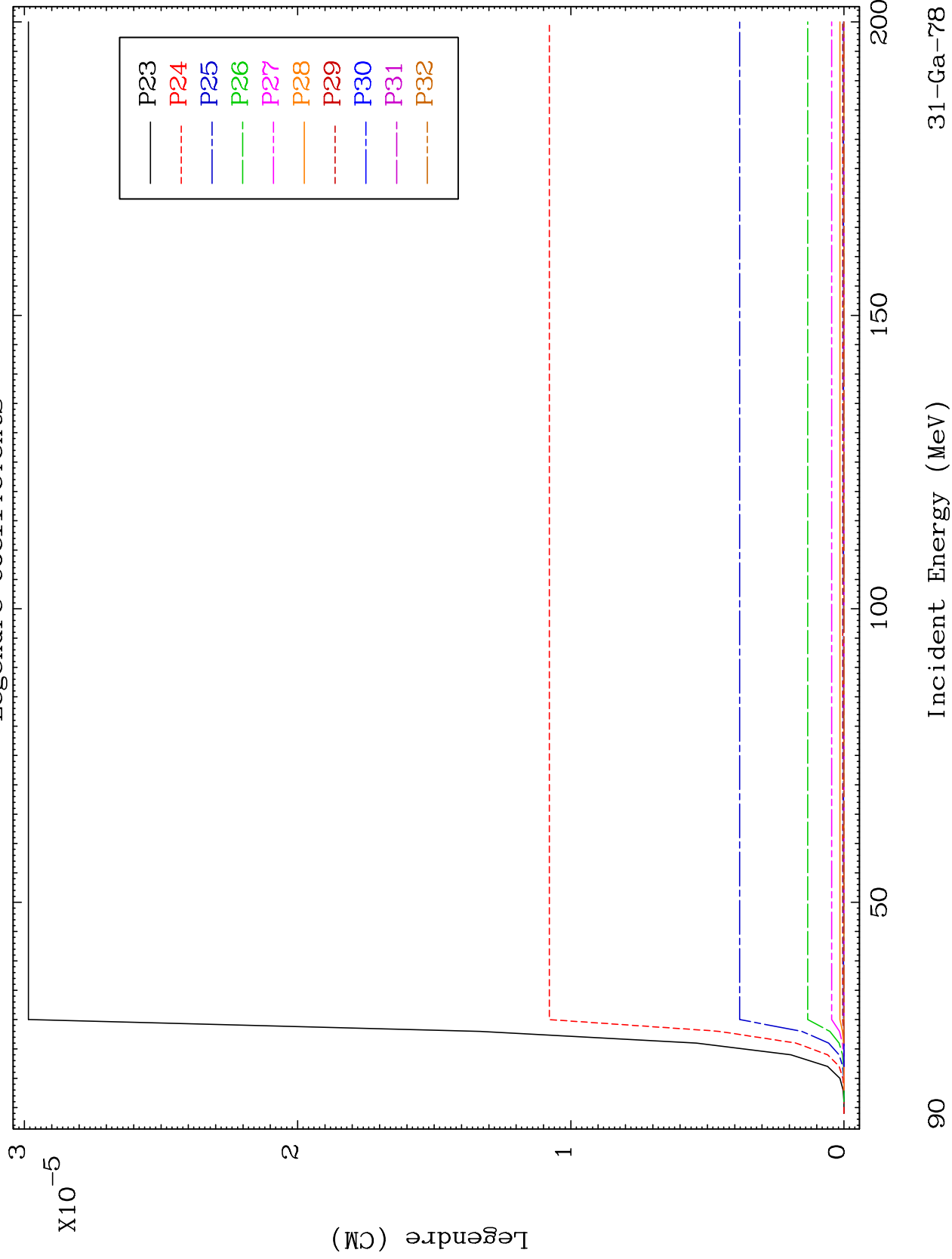
Incident Energy (MeV)

31-Ga-78

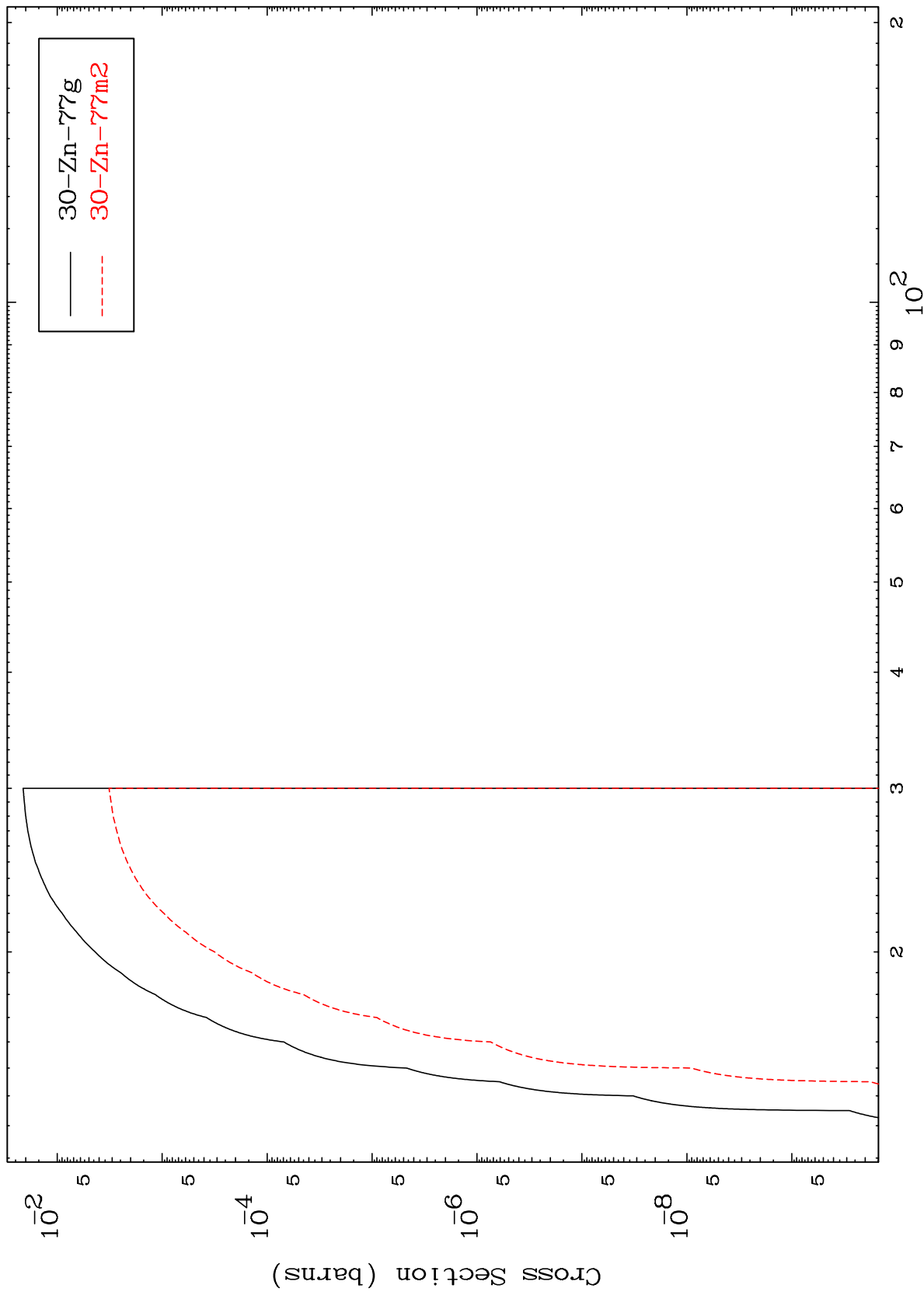
MAT 3152

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

31-Ga-78



Radionuclide Production Cross Section



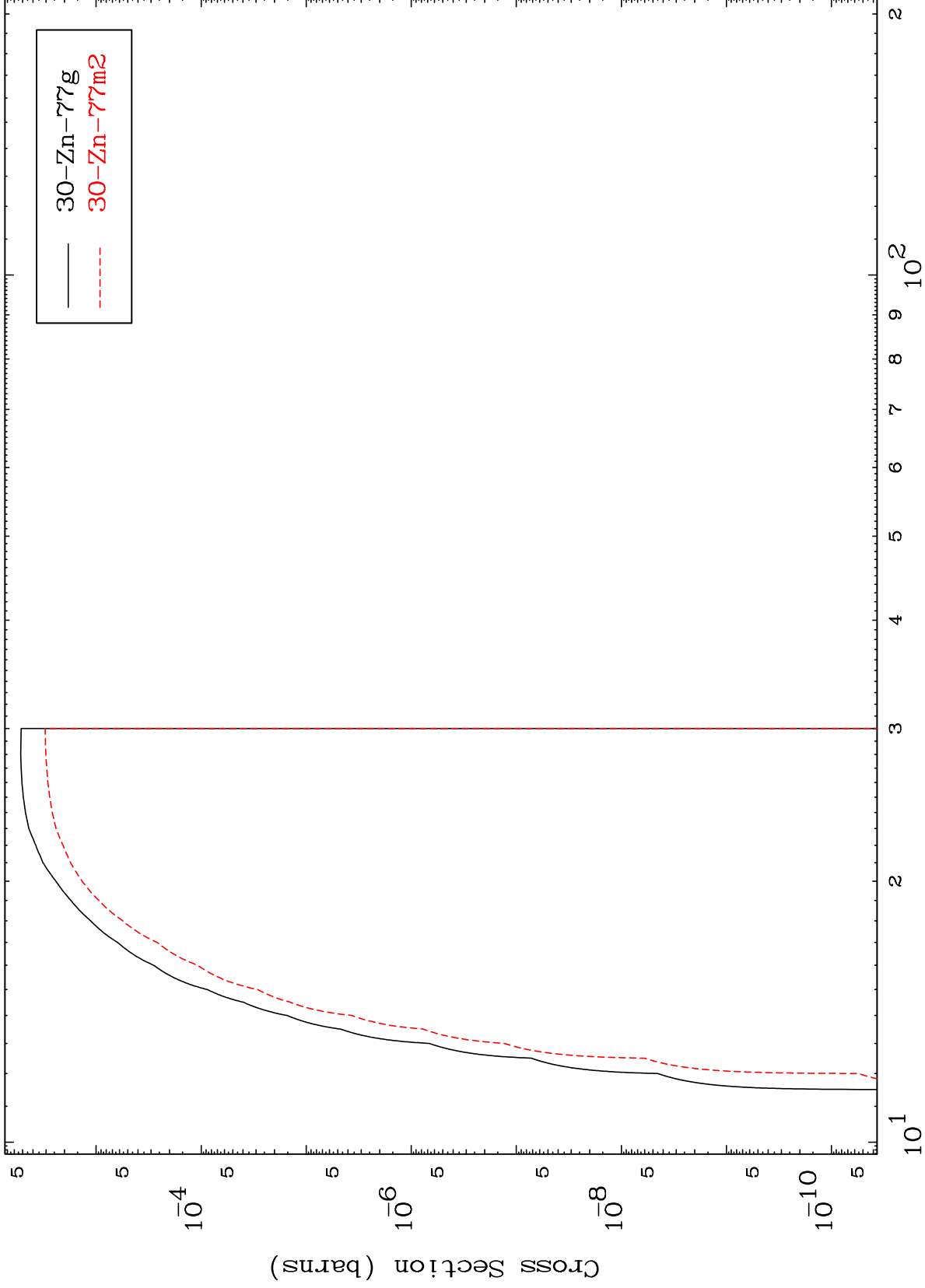
— $^{30}\text{Zn-}77\text{g}$
- - - $^{30}\text{Zn-}77\text{m}2$

MAT 3152

(n,d)

31-Ga-78

Radionuclide Production Cross Section



92

Incident Energy (MeV)

31-Ga-78