

Program EVALPLOT
(Version 2021-1)

by

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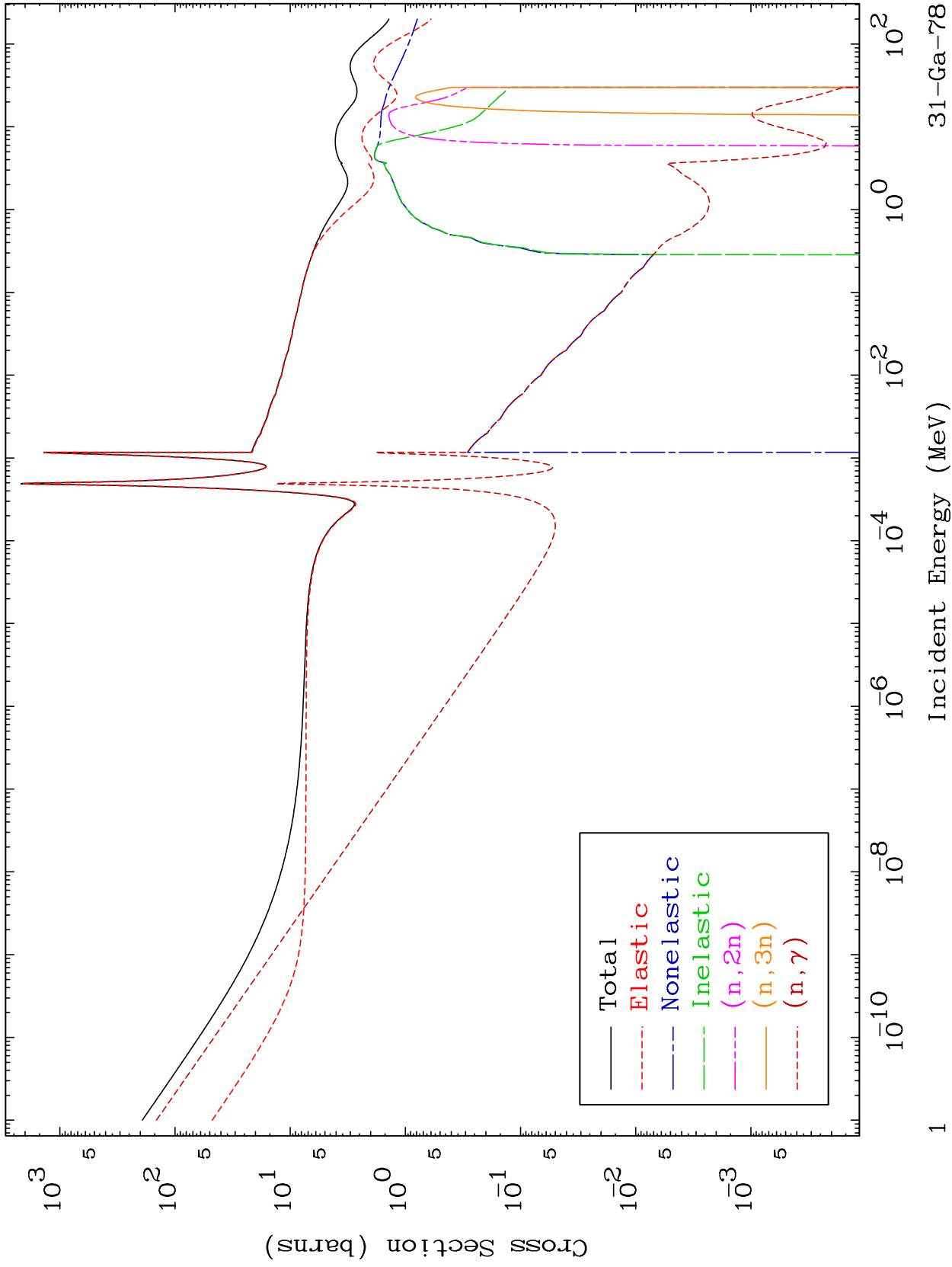
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Press Mouse Button to Start

MAT 3152

Neutron Major
293 Kelvin Cross Sections

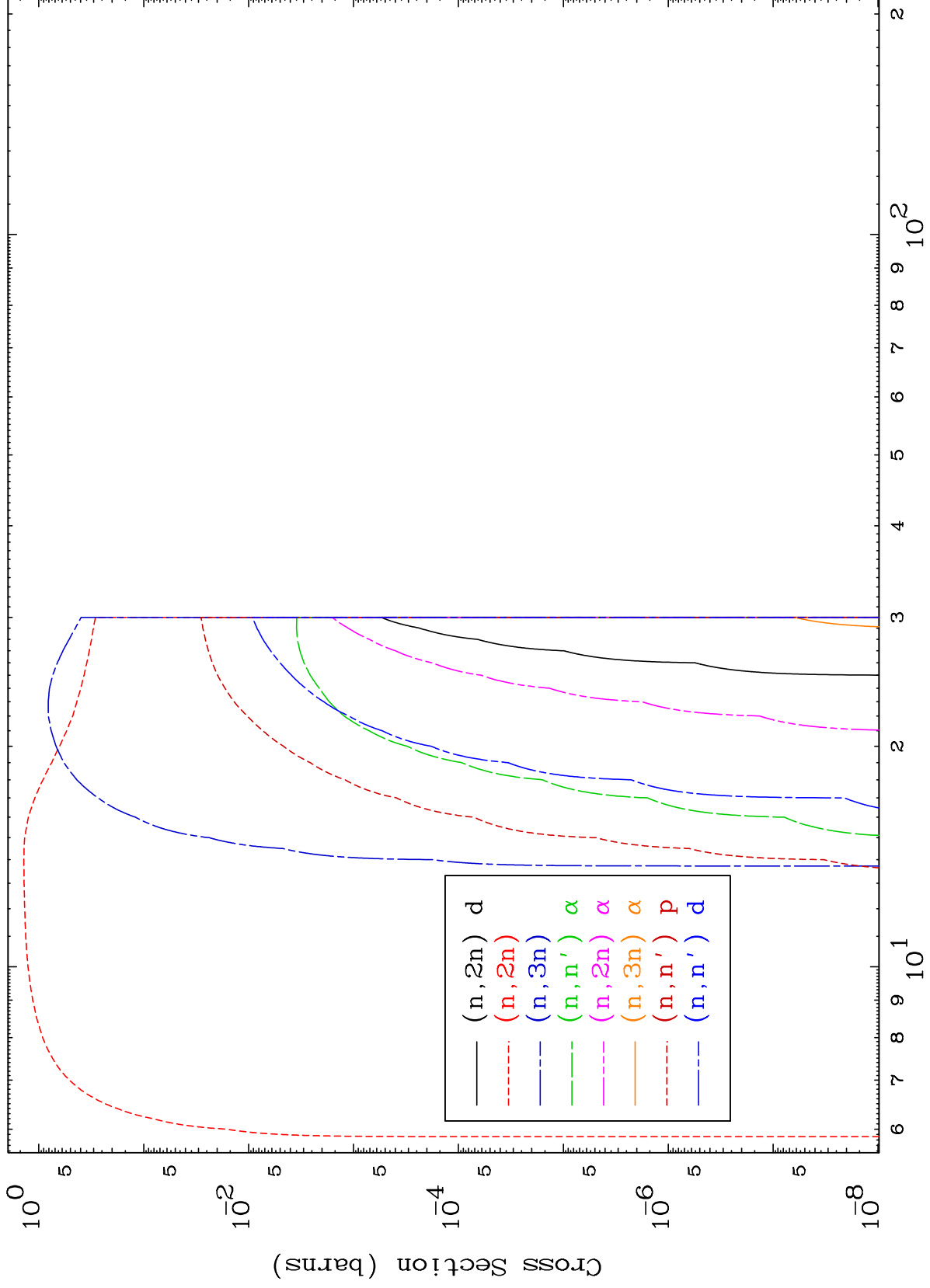
31-Ga-78



MAT 3152

Neutron Absorption
293 Kelvin Cross Sections

31-Ga-78



2

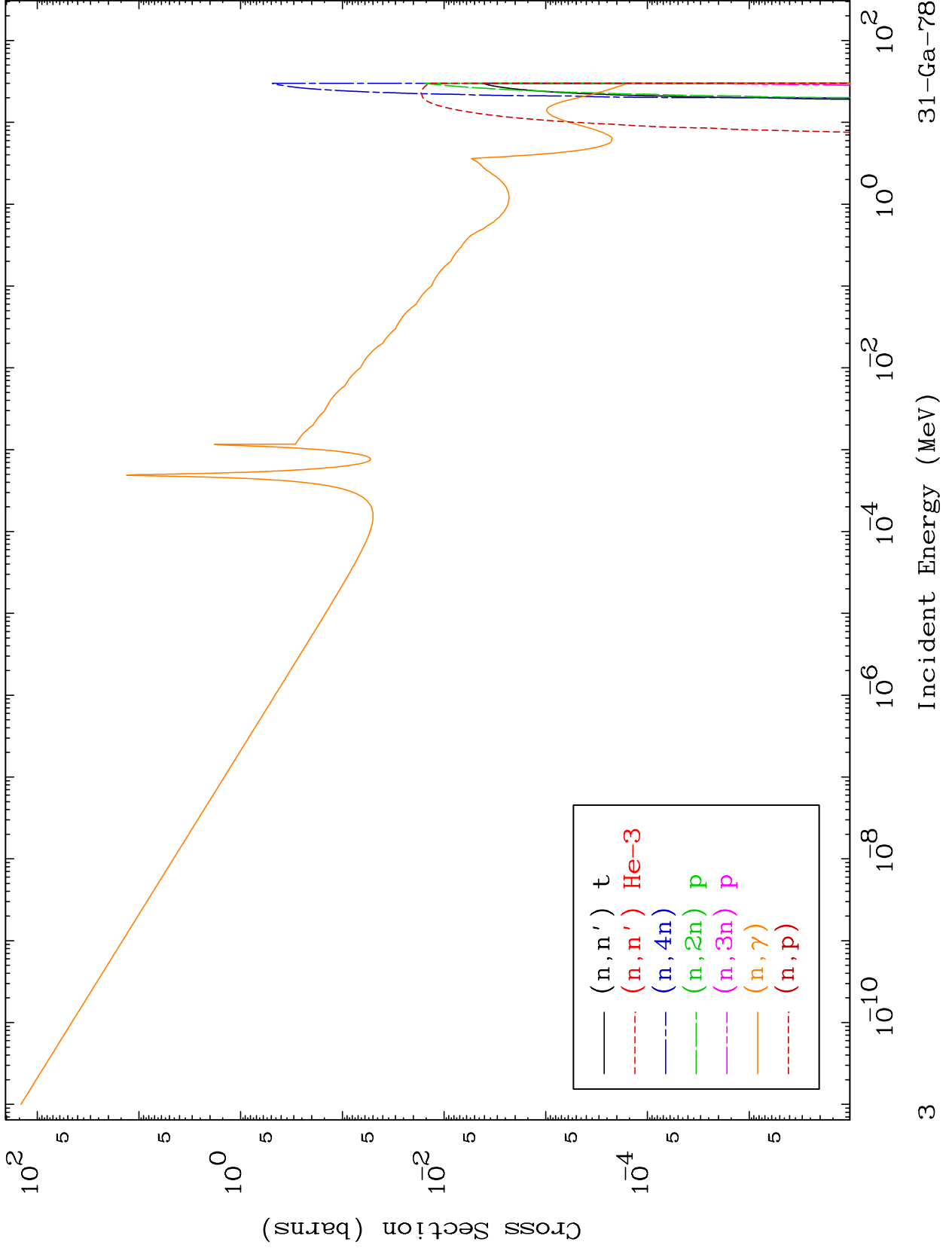
Incident Energy (MeV)

31-Ga-78

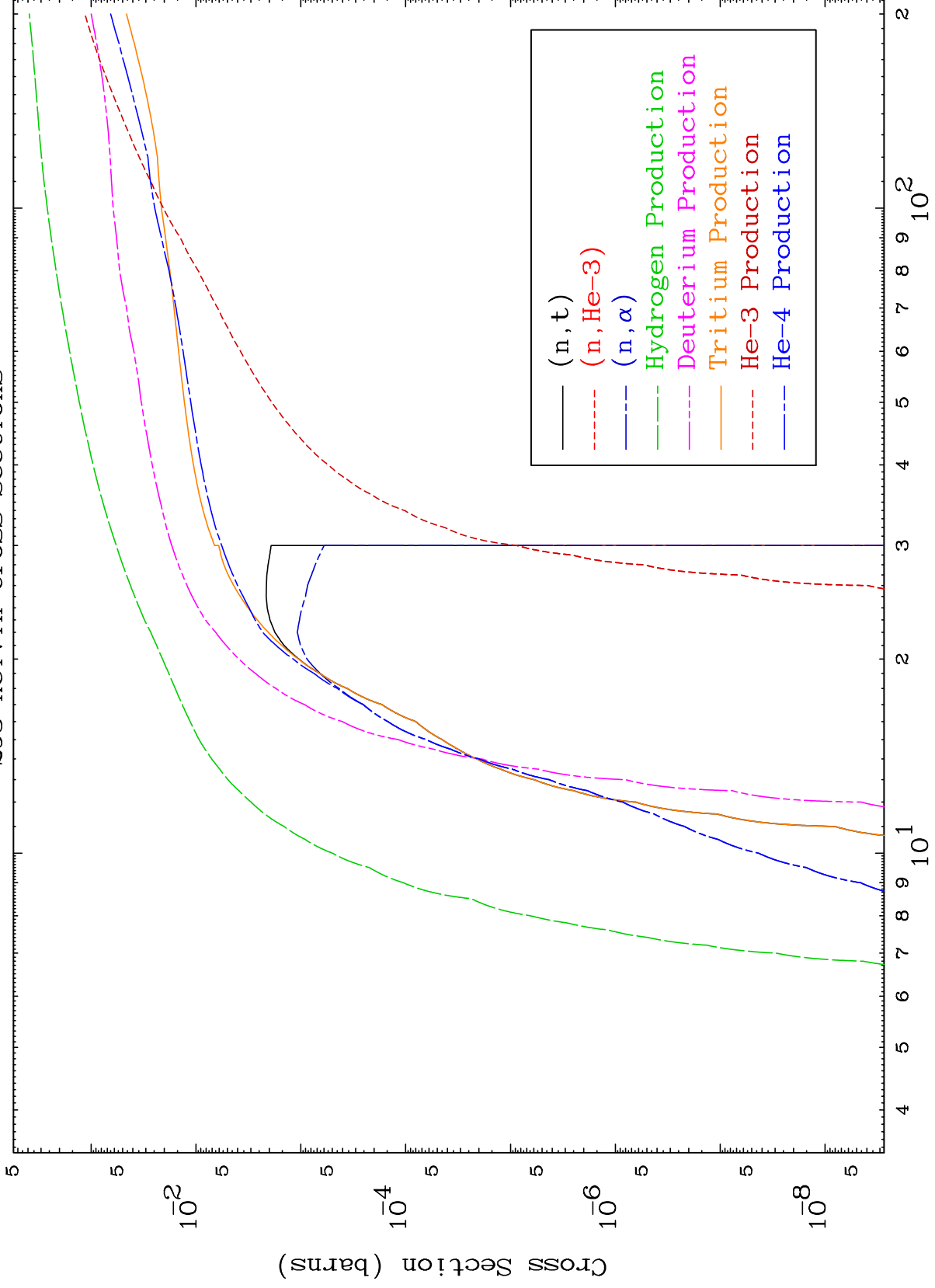
MAT 3152

Neutron Absorption
293 Kelvin Cross Sections

31-Ga-78



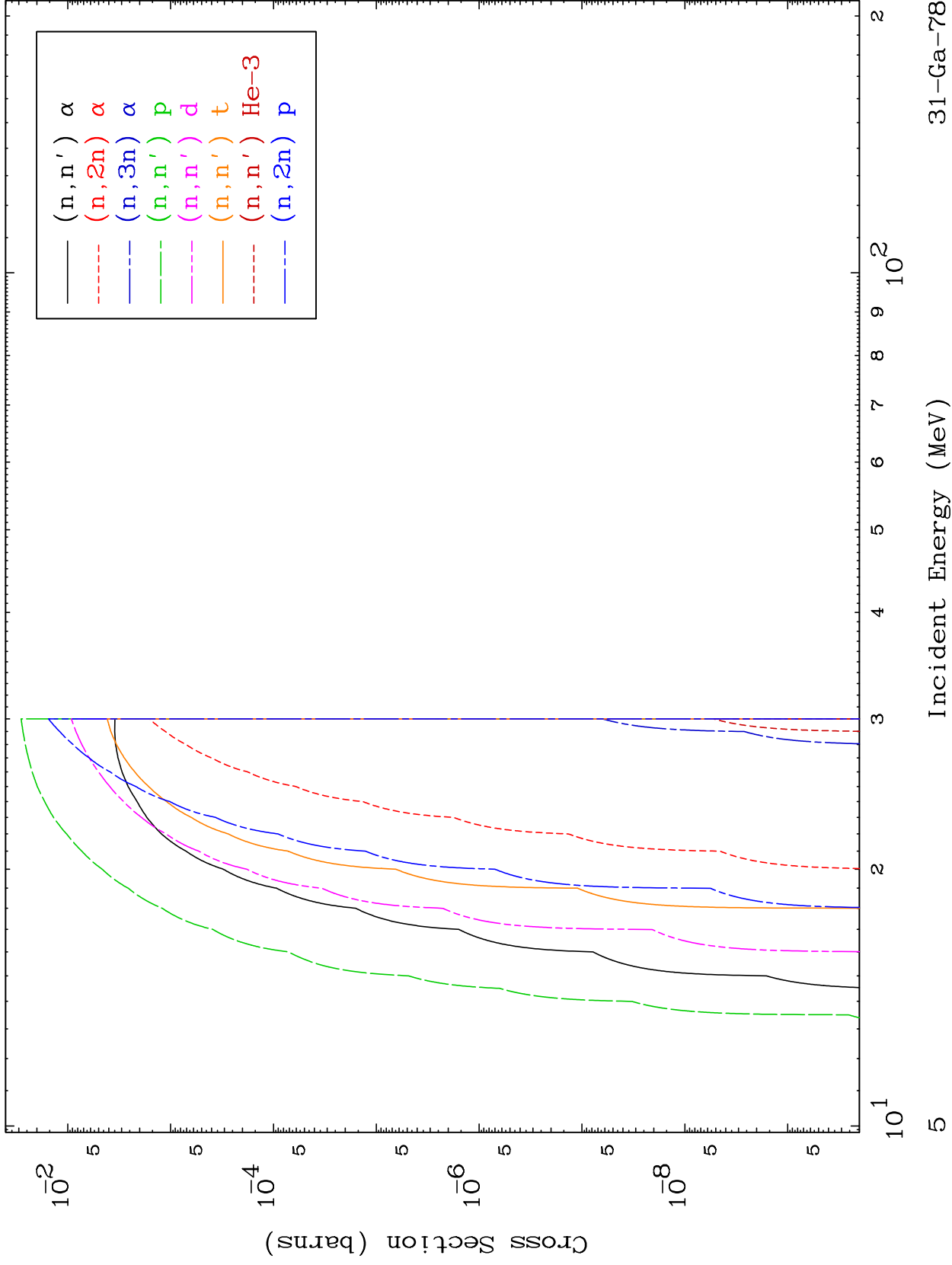
Neutron Absorption
293 Kelvin Cross Sections



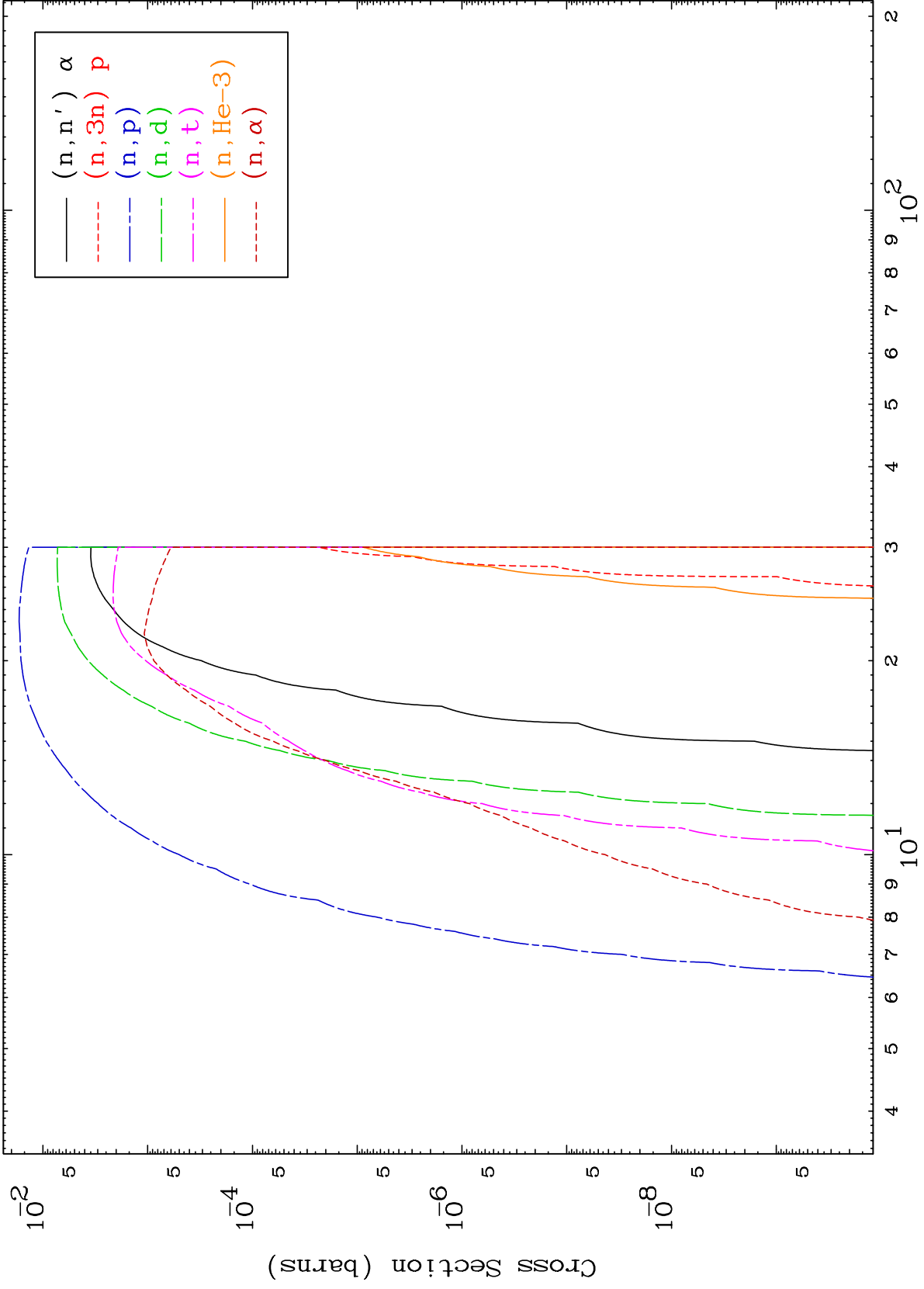
MAT 3152

Charged Particle
293 Kelvin Cross Sections

31-Ga-78



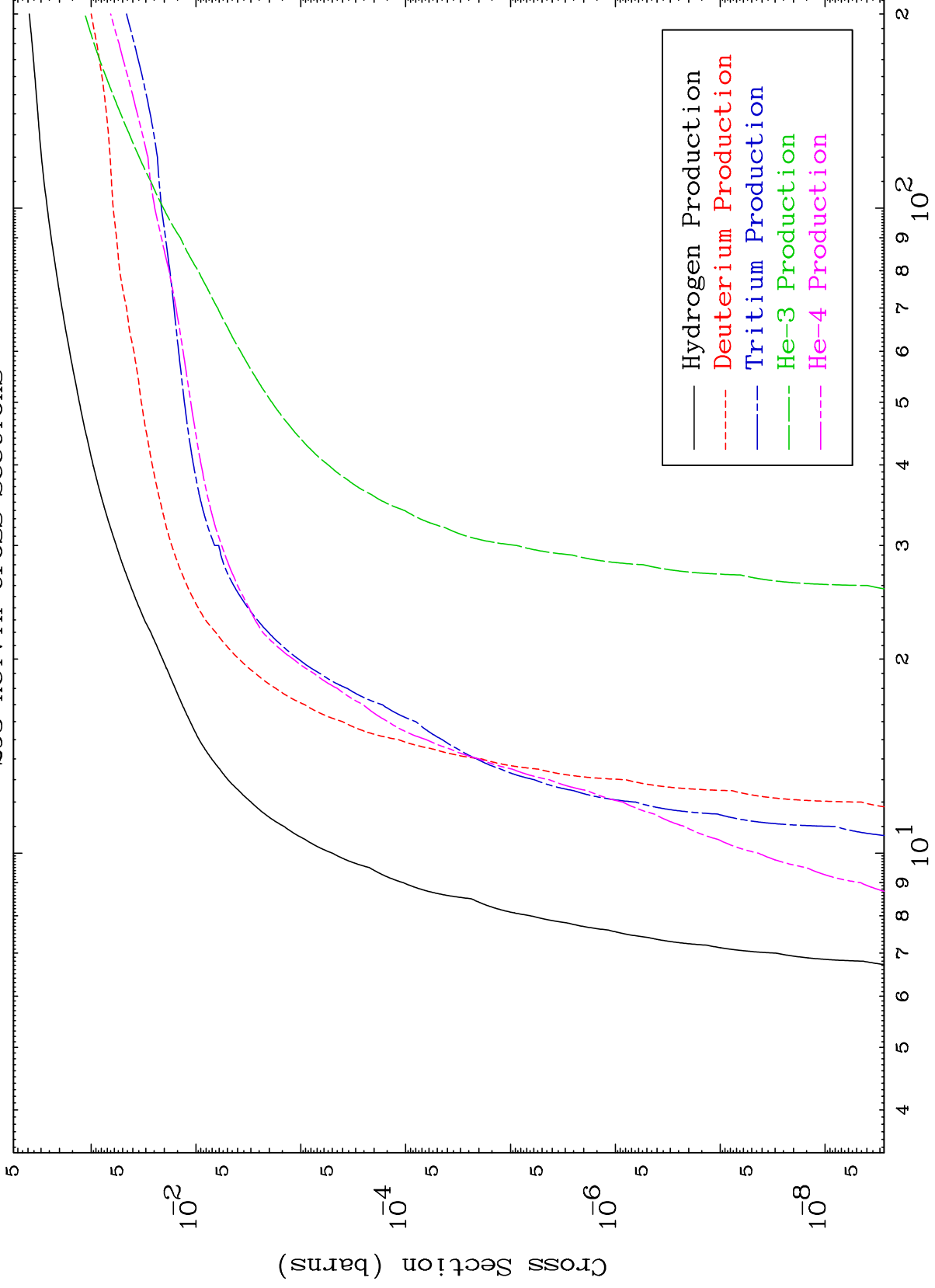
31-Ga-78



MAT 3152

Particle Production
293 Kelvin Cross Sections

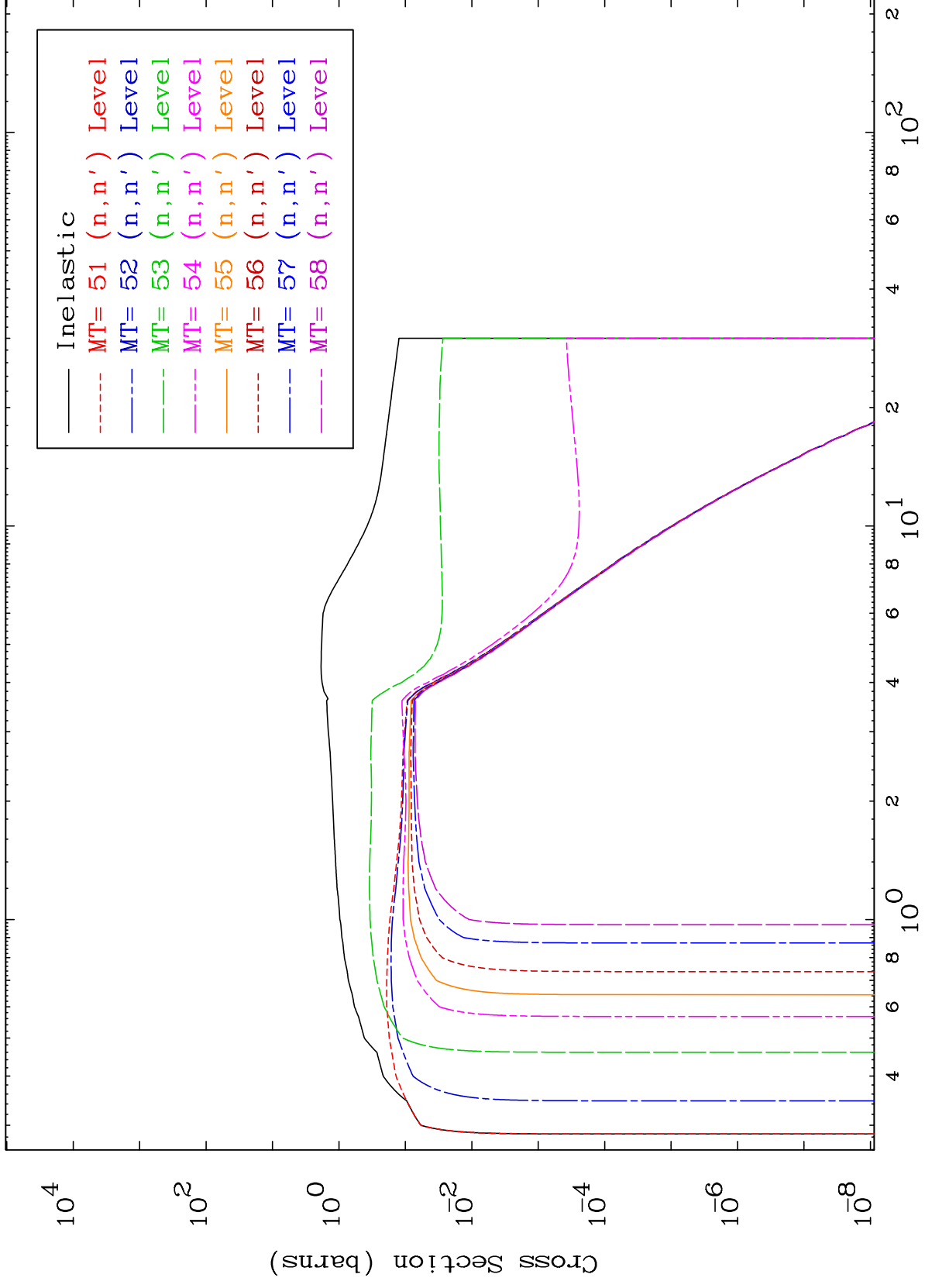
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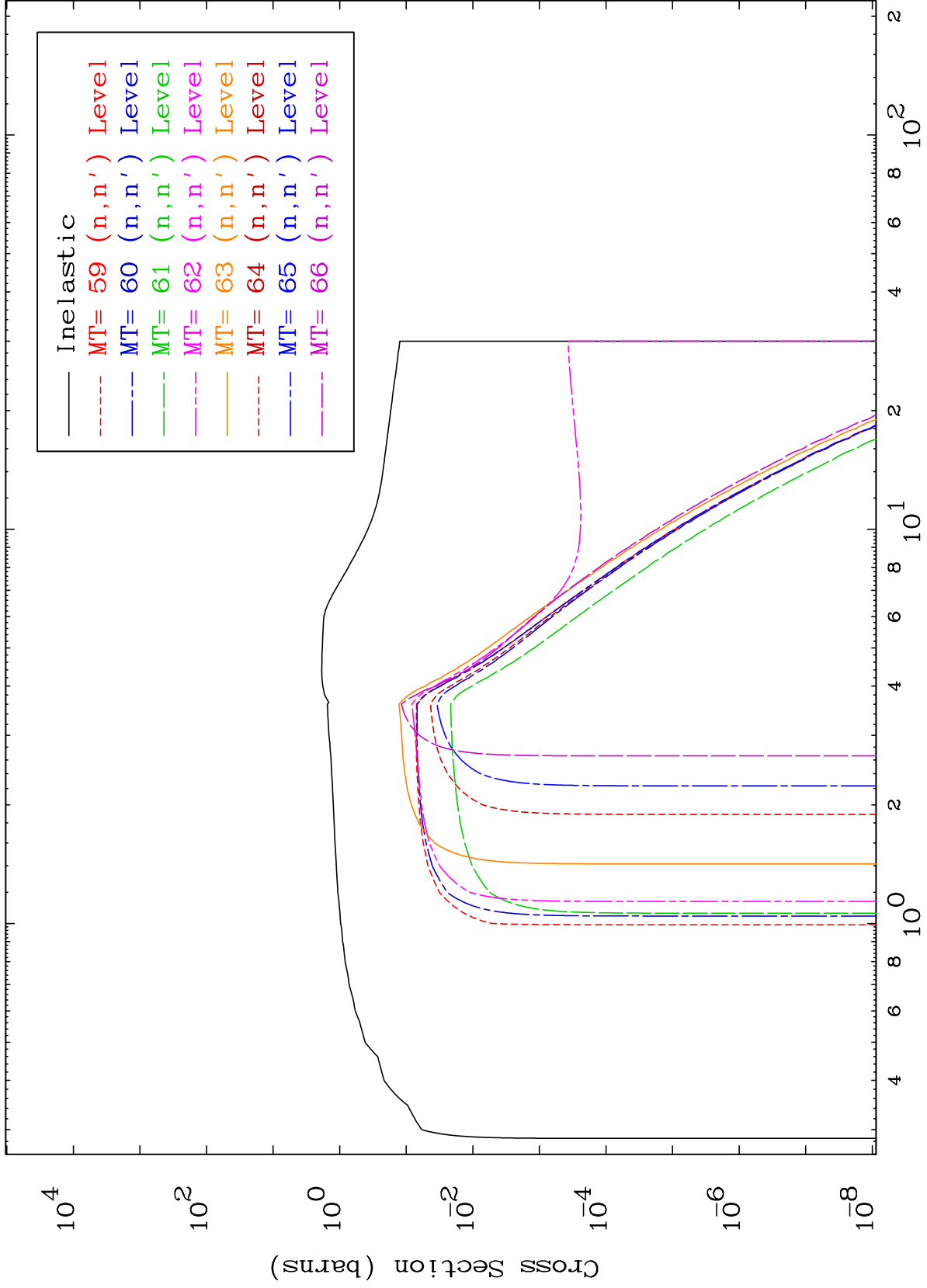
7

Incident Energy (MeV)

31-Ga-78



293 Kelvin Cross Sections

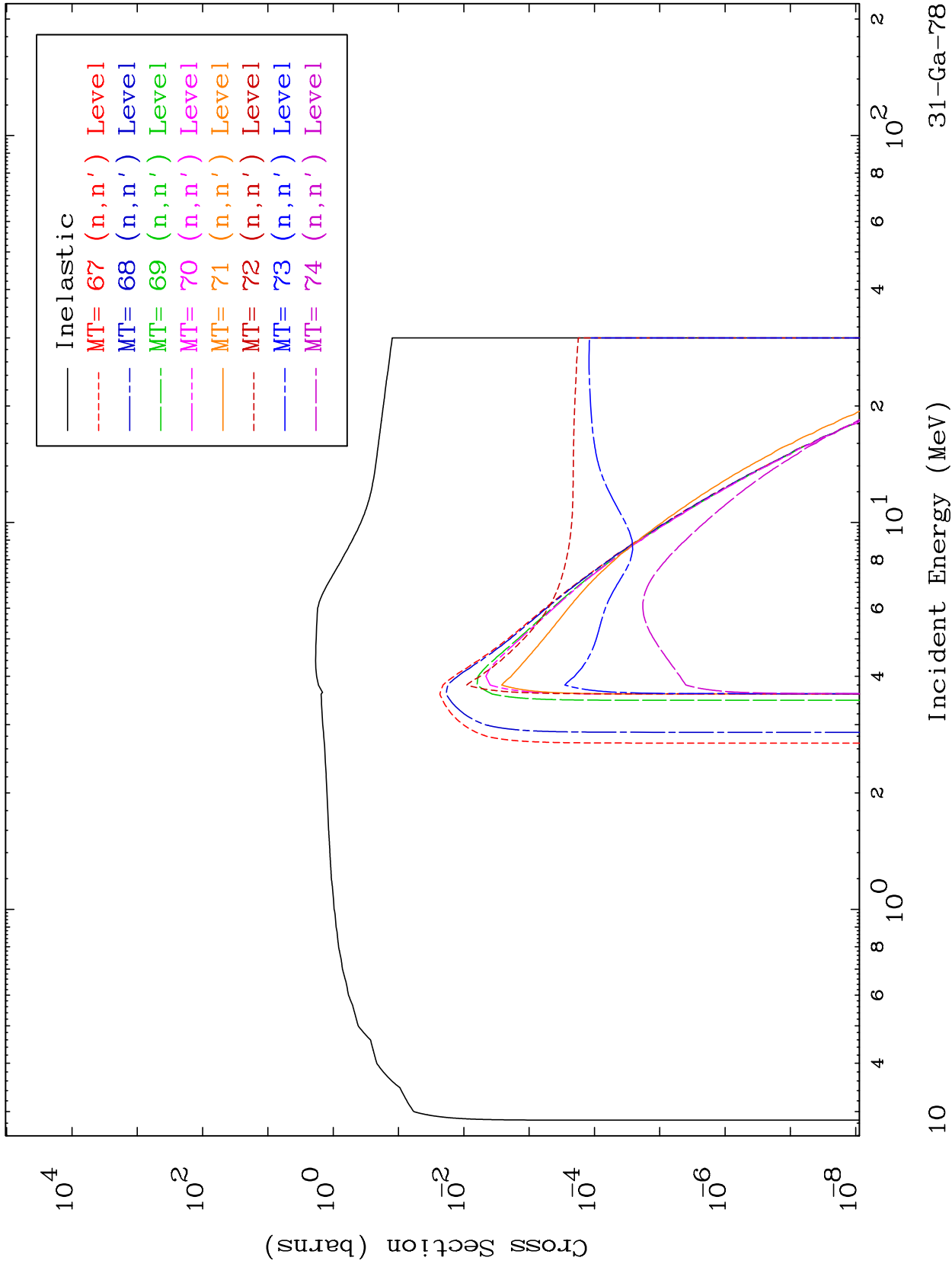


MAT 3152

(n,n') Levels

31-Ga-78

293 Kelvin Cross Sections



10

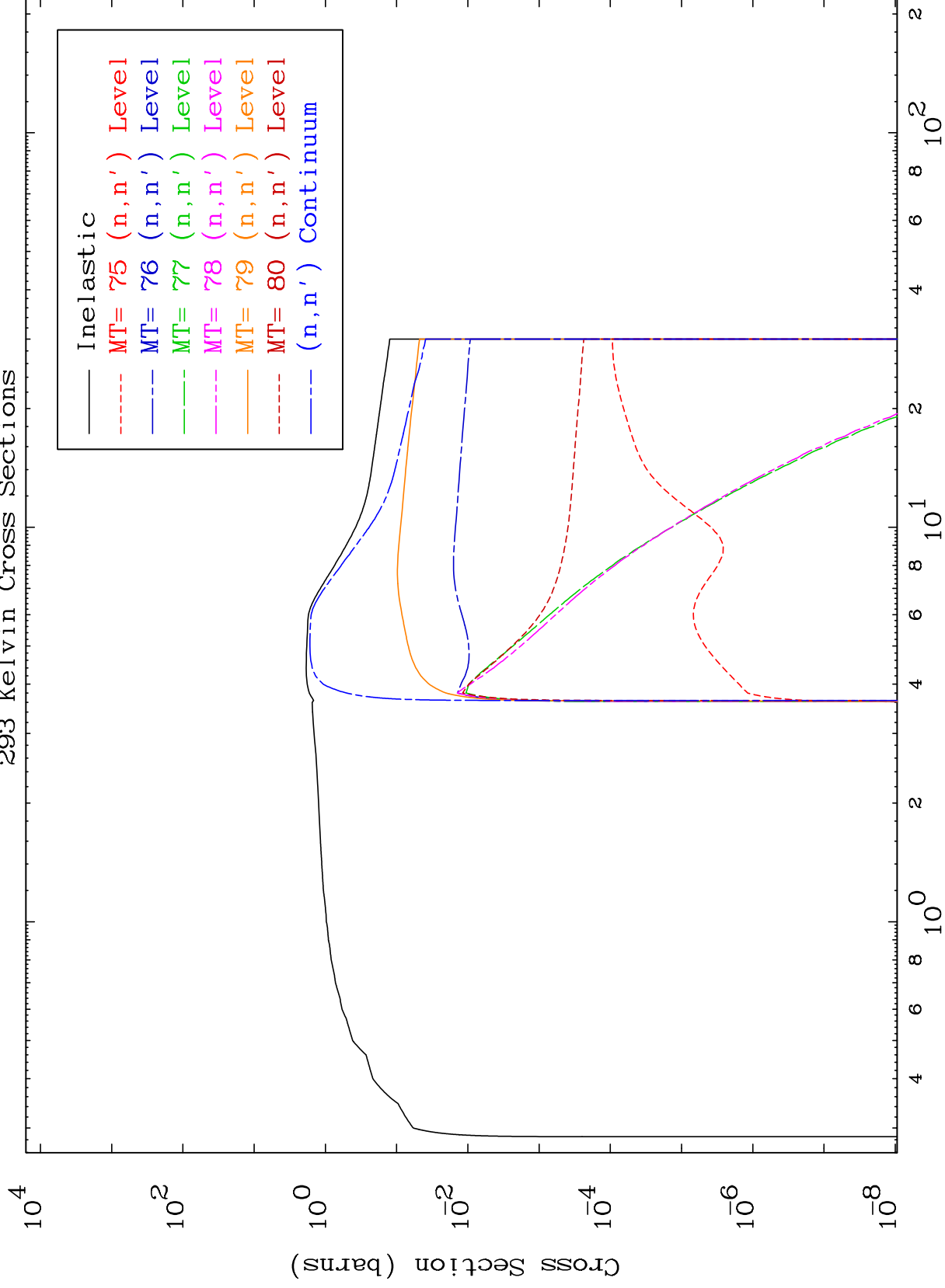
Incident Energy (MeV)

31-Ga-78

MAT 3152

(n,n') Levels
293 Kelvin Cross Sections

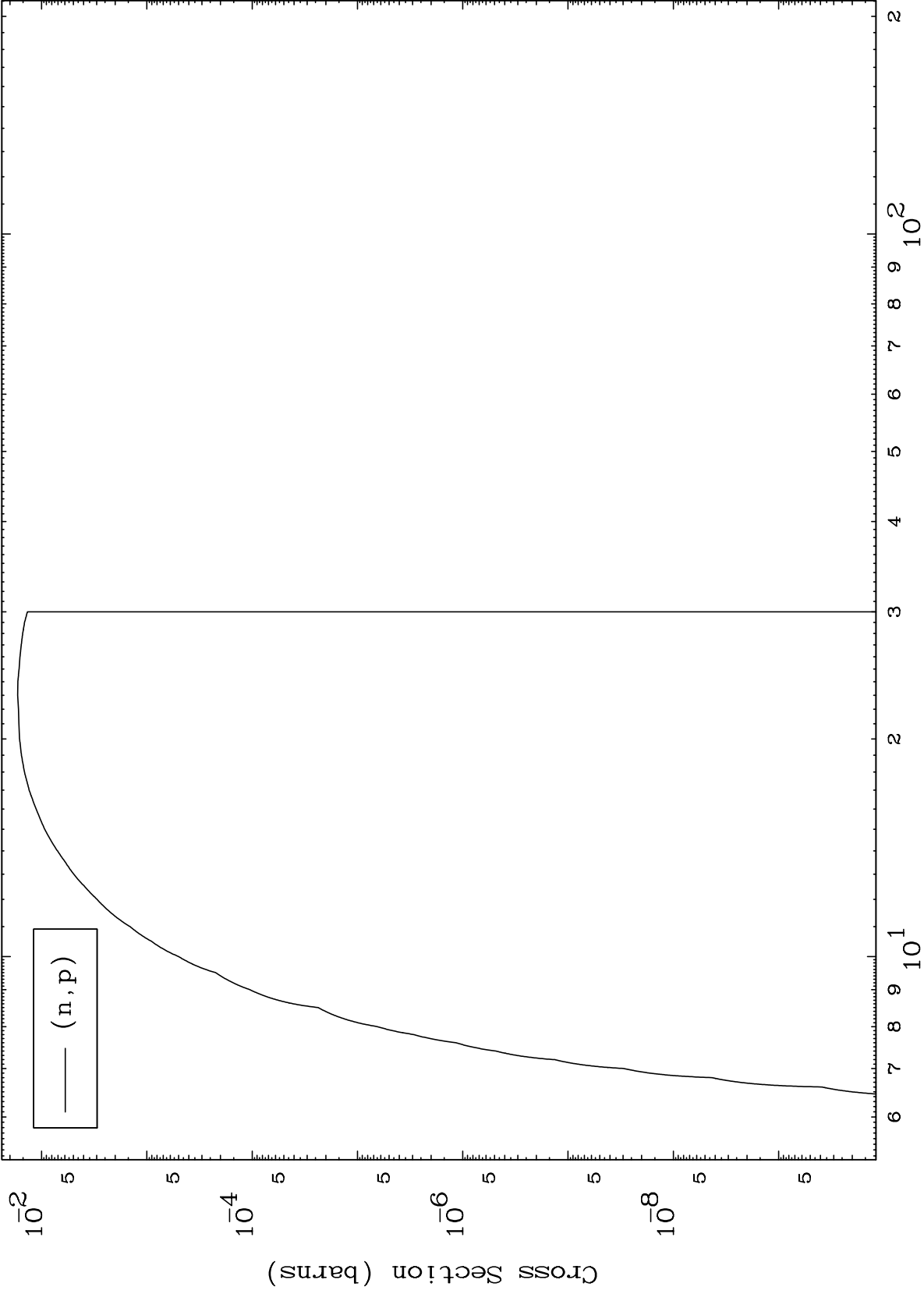
31-Ga-78



MAT 3152

(n,p) Levels
293 Kelvin Cross Sections

31-Ga-78



12

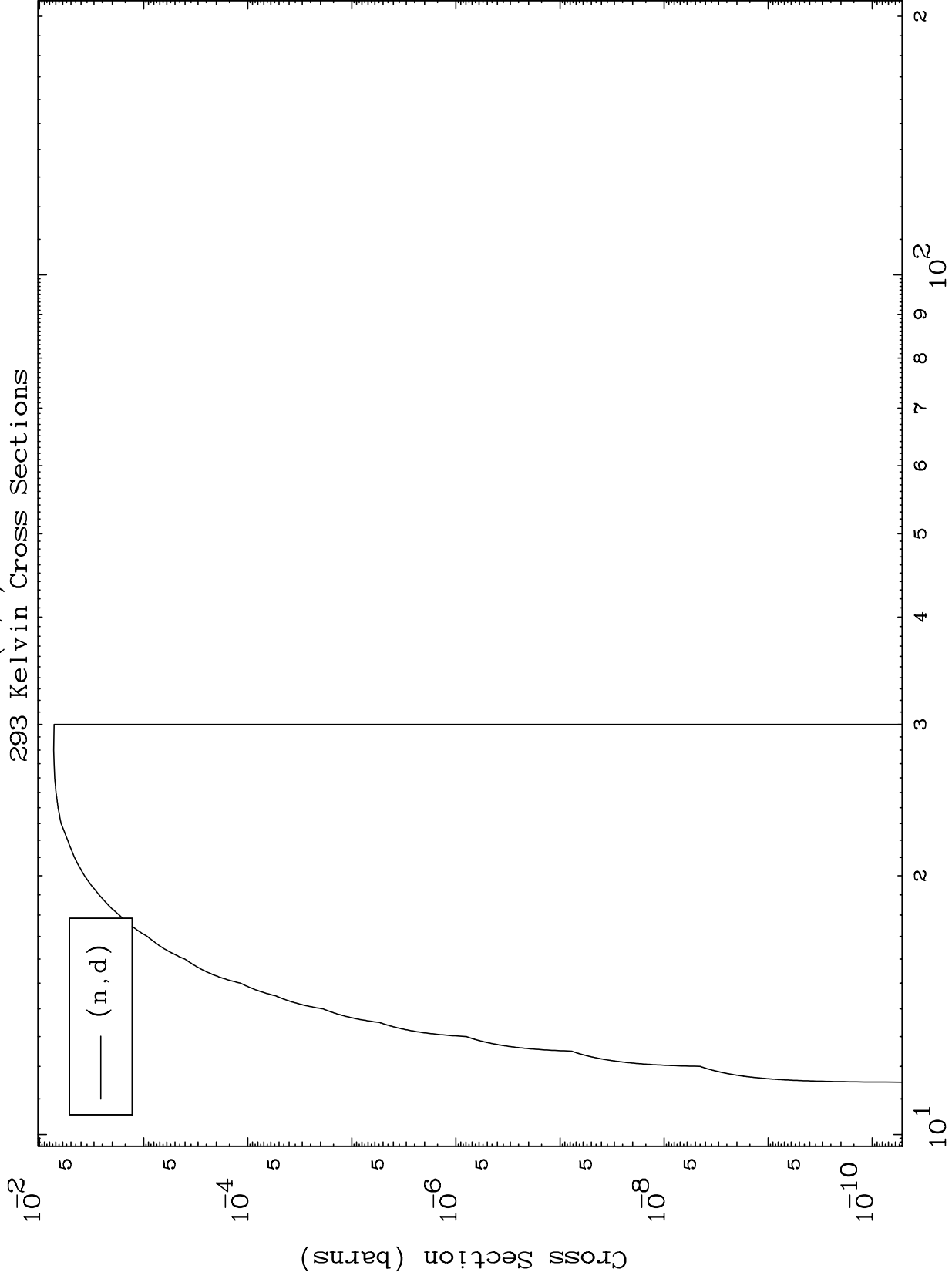
Incident Energy (MeV)

31-Ga-78

MAT 3152

(n,d) Levels
293 Kelvin Cross Sections

31-Ga-78



13

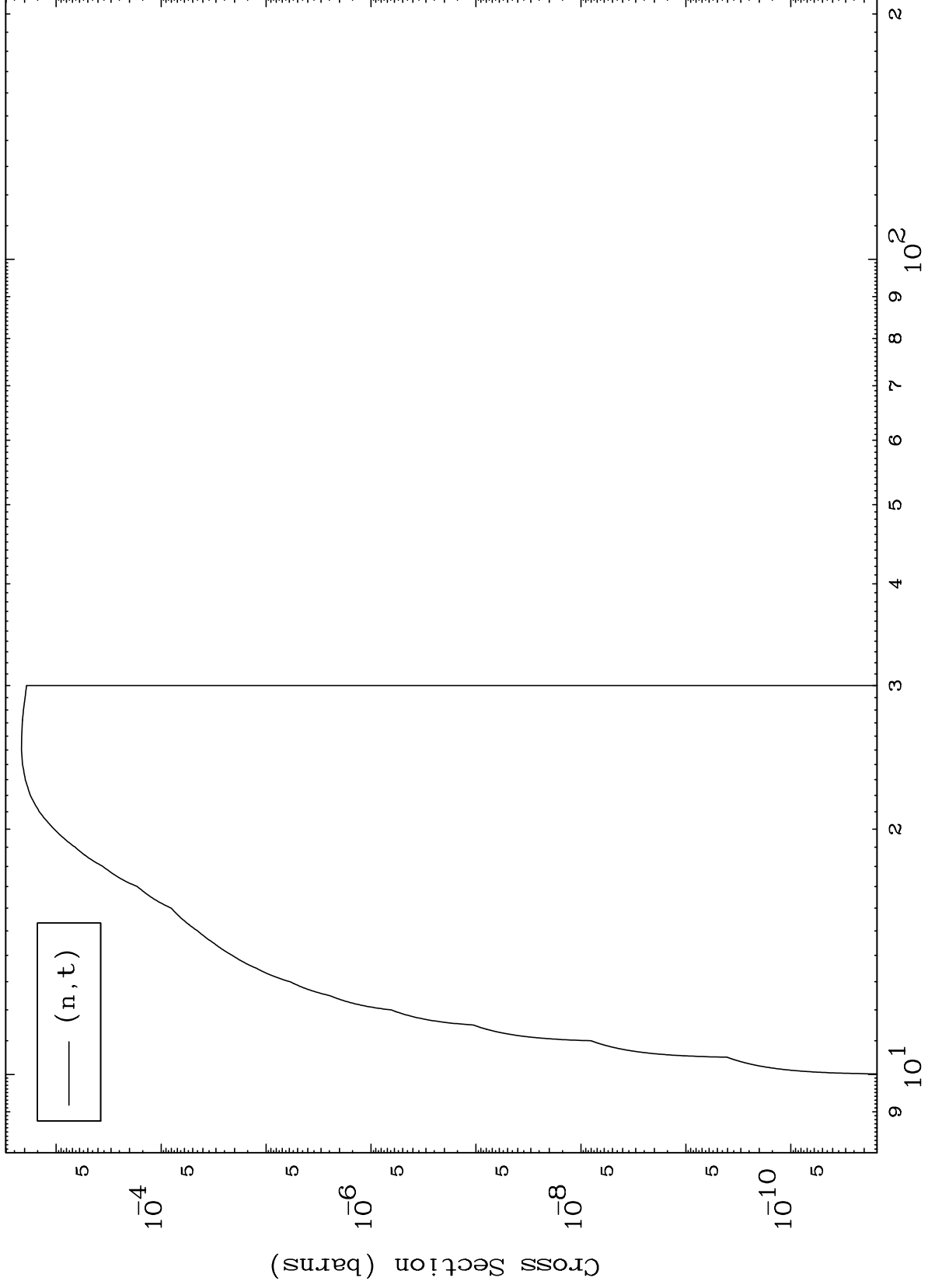
Incident Energy (MeV)

31-Ga-78

MAT 3152

(n,t) Levels
293 Kelvin Cross Sections

31-Ga-78



14

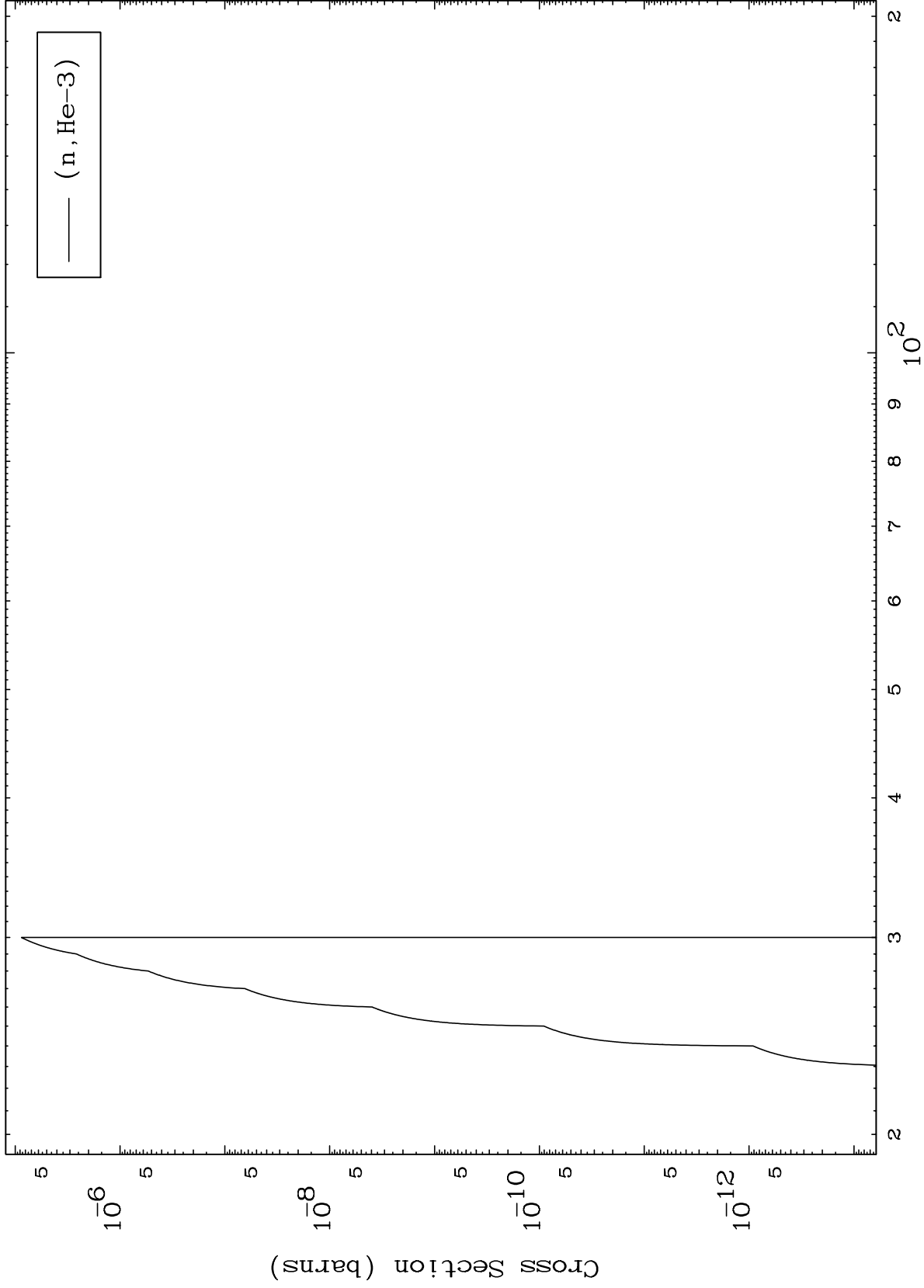
Incident Energy (MeV)

31-Ga-78

MAT 3152

(n,He3) Levels
293 Kelvin Cross Sections

31-Ga-78



15

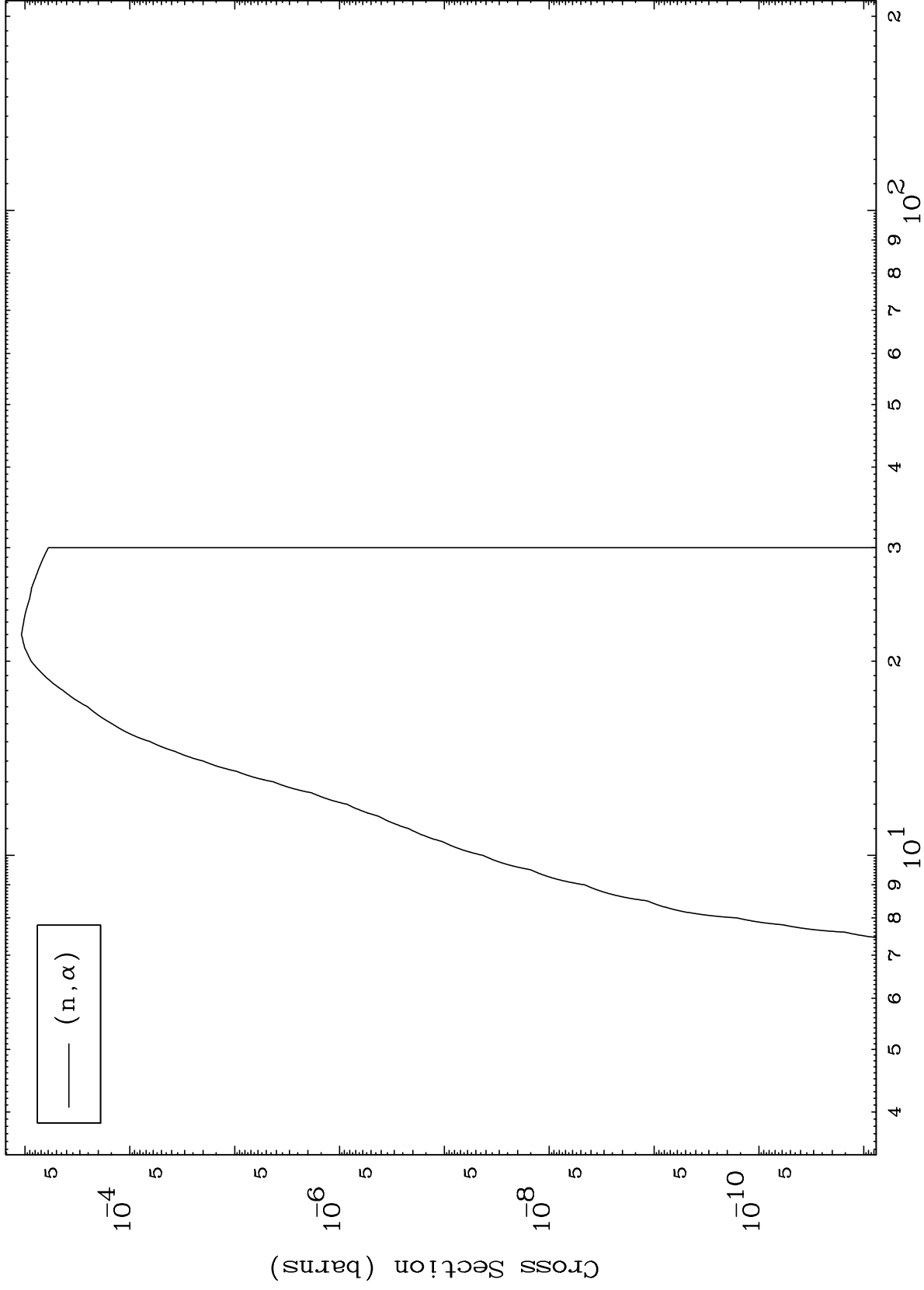
Incident Energy (MeV)

31-Ga-78

MAT 3152

(n, α) Levels
293 Kelvin Cross Sections

31-Ga-78



16

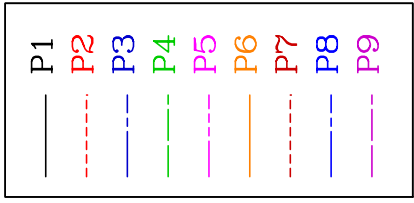
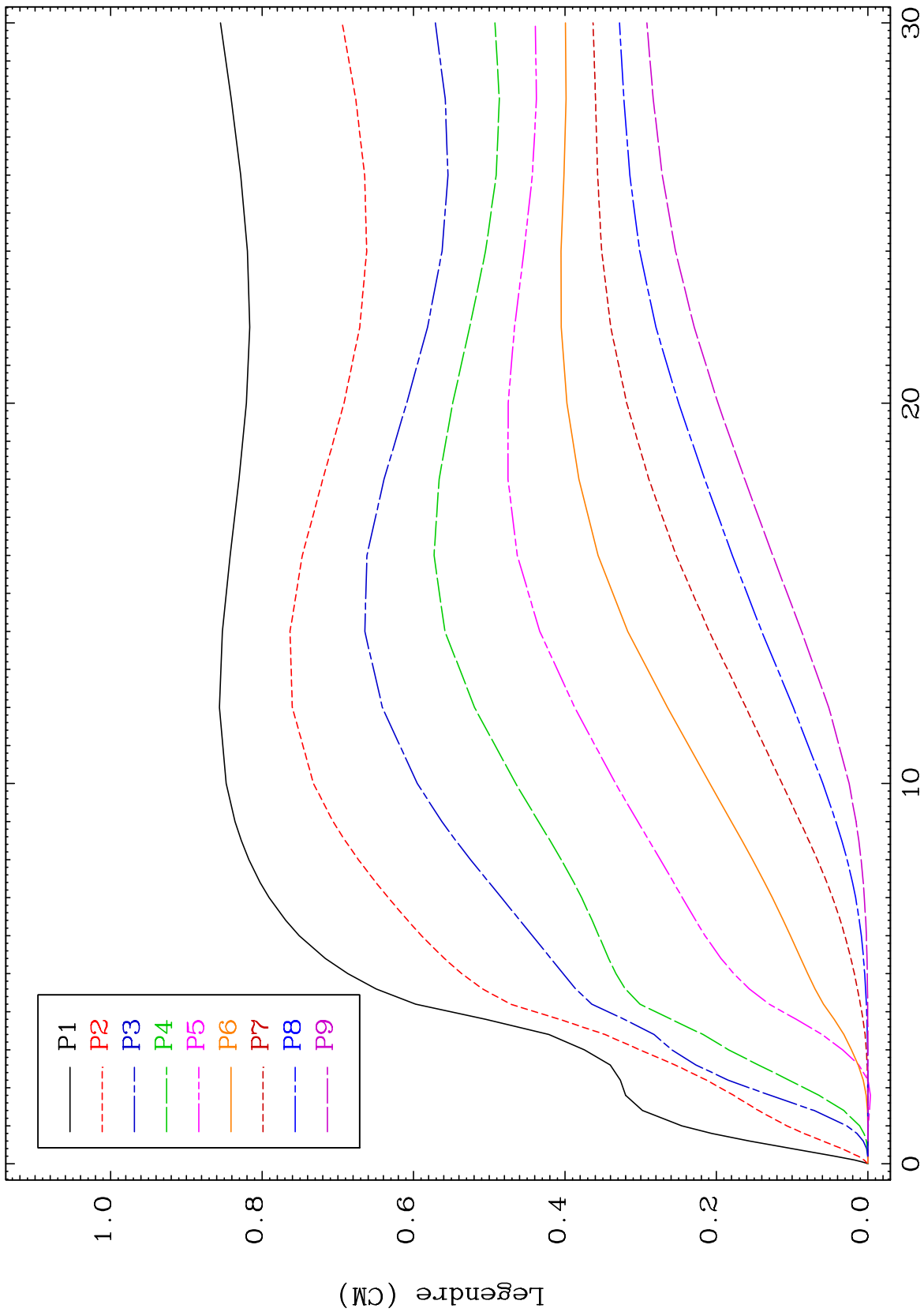
Incident Energy (MeV)

31-Ga-78

MAT 3152

Elastic Legendre Coefficients

31-Ga-78



17

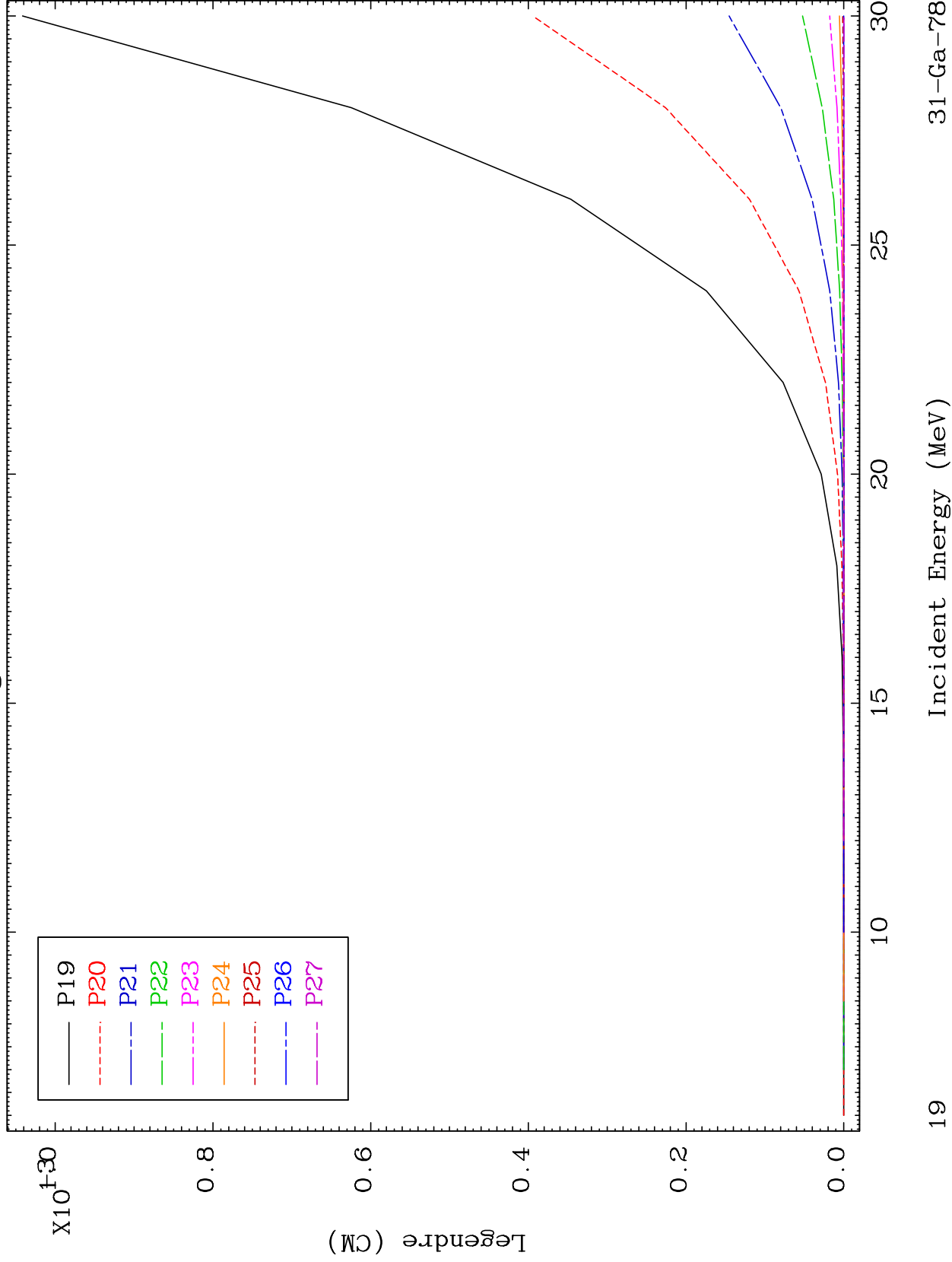
Incident Energy (MeV)

31-Ga-78

MAT 3152

Elastic Legendre Coefficients

³¹Ga-78



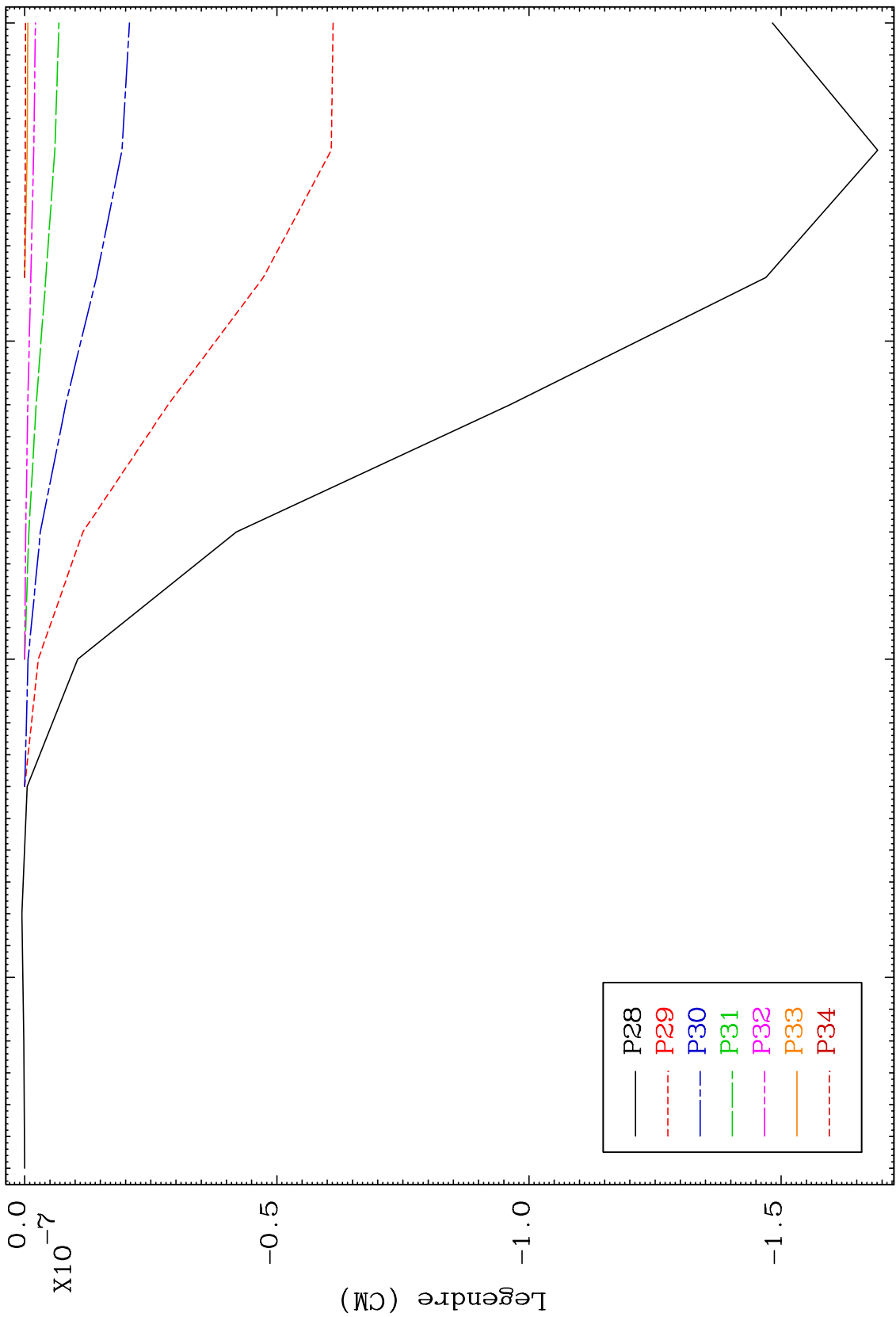
19

³¹Ga-78

MAT 3152

31-Ga-78

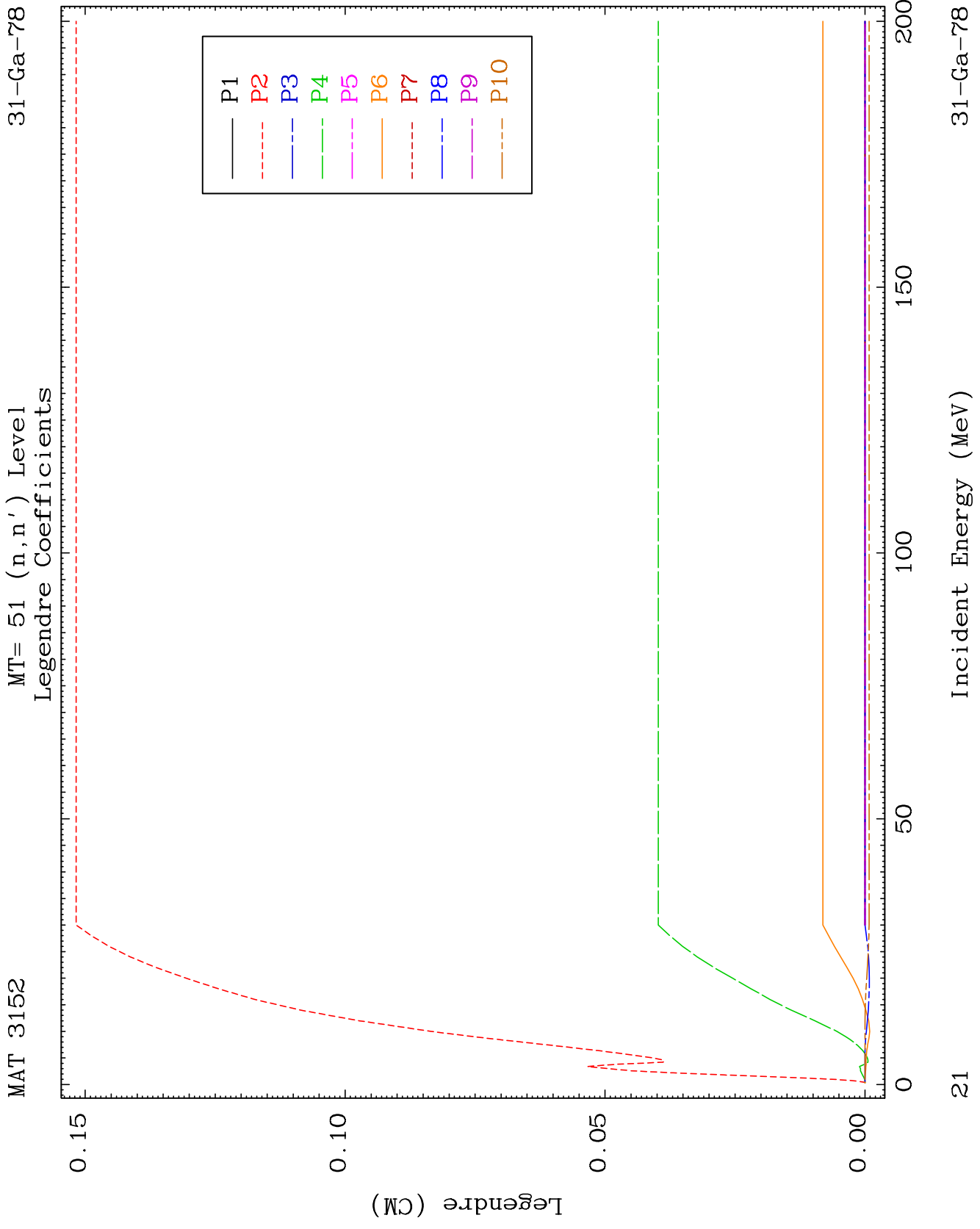
Elastic Legendre Coefficients



20

Incident Energy (MeV)

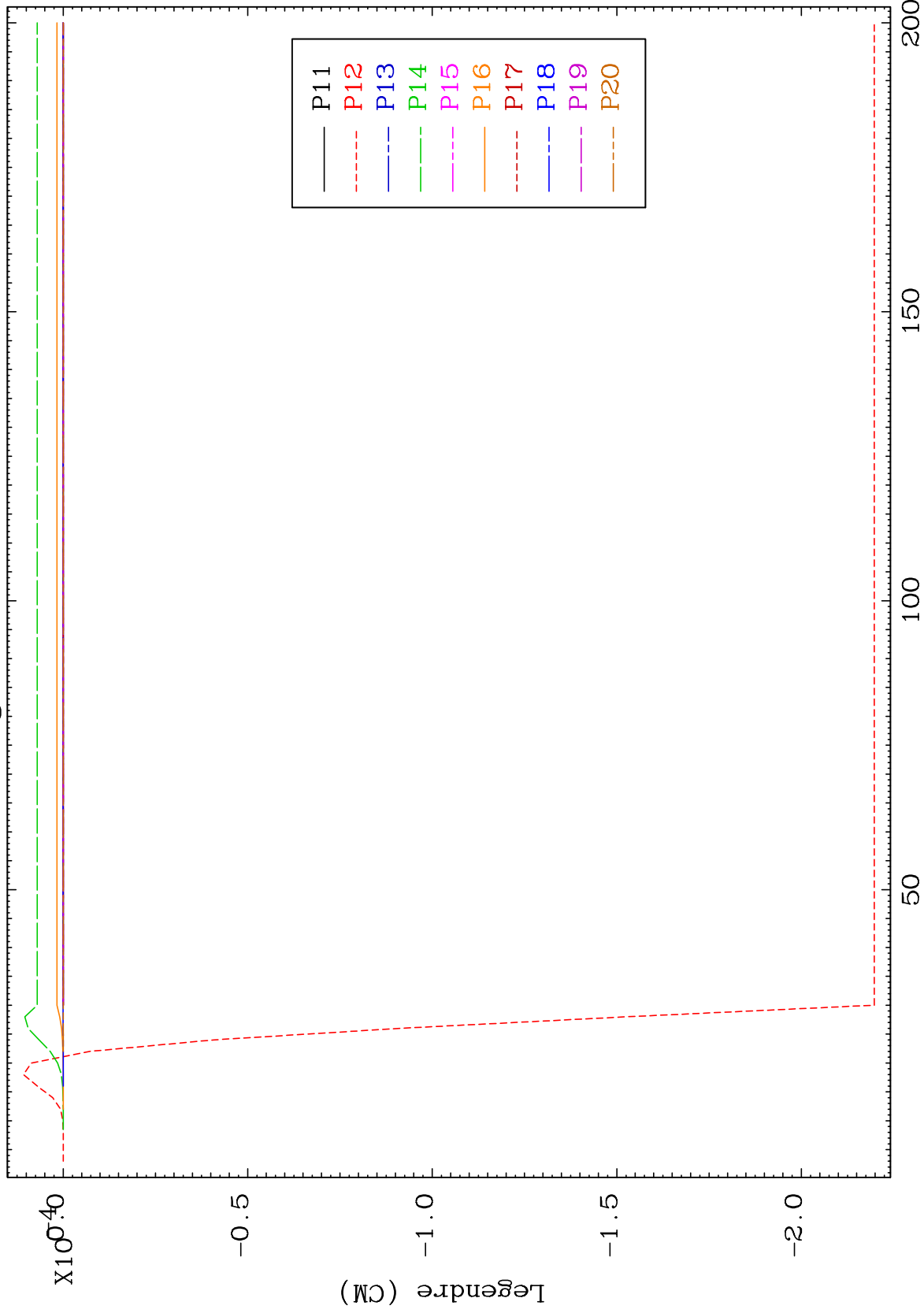
31-Ga-78

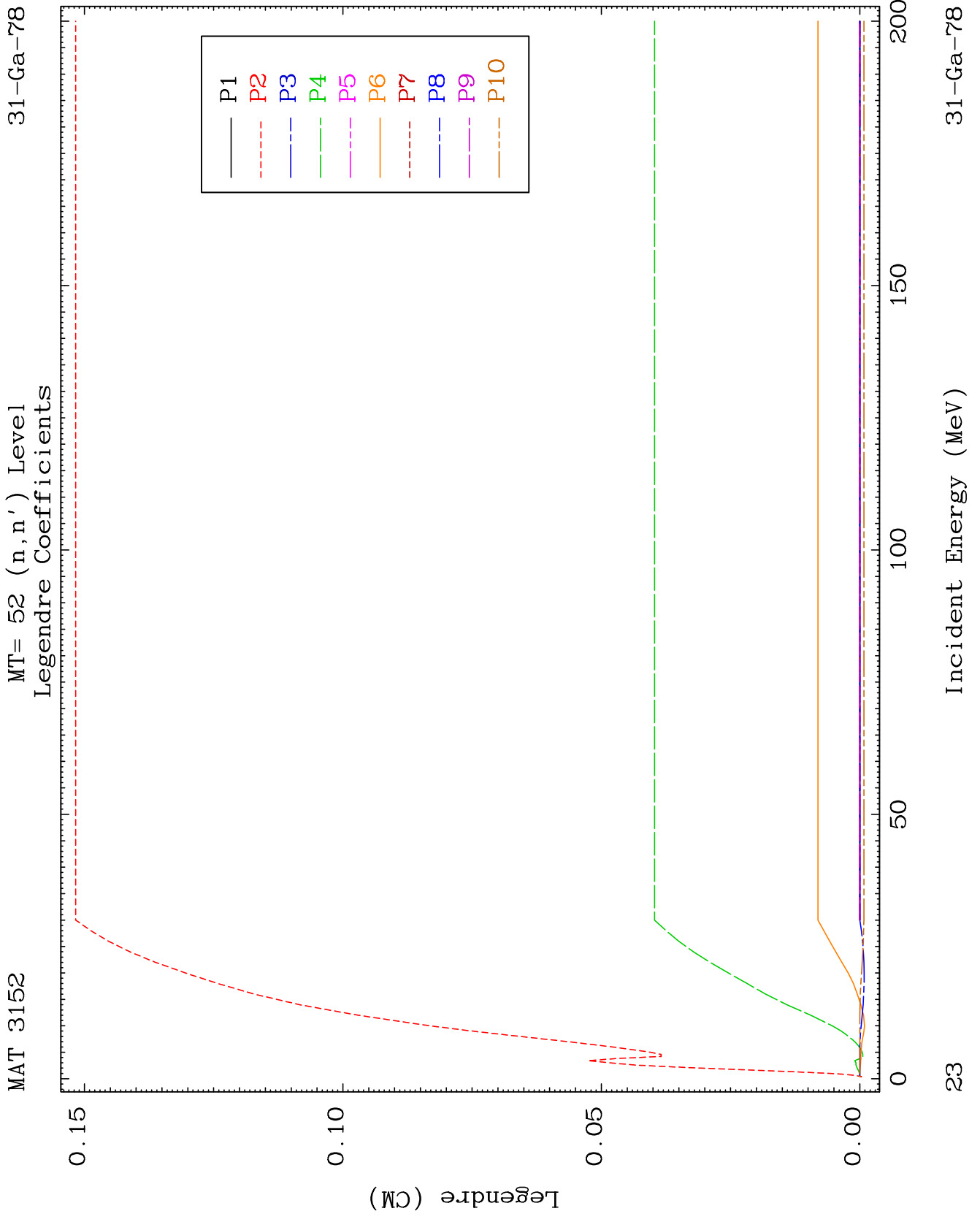


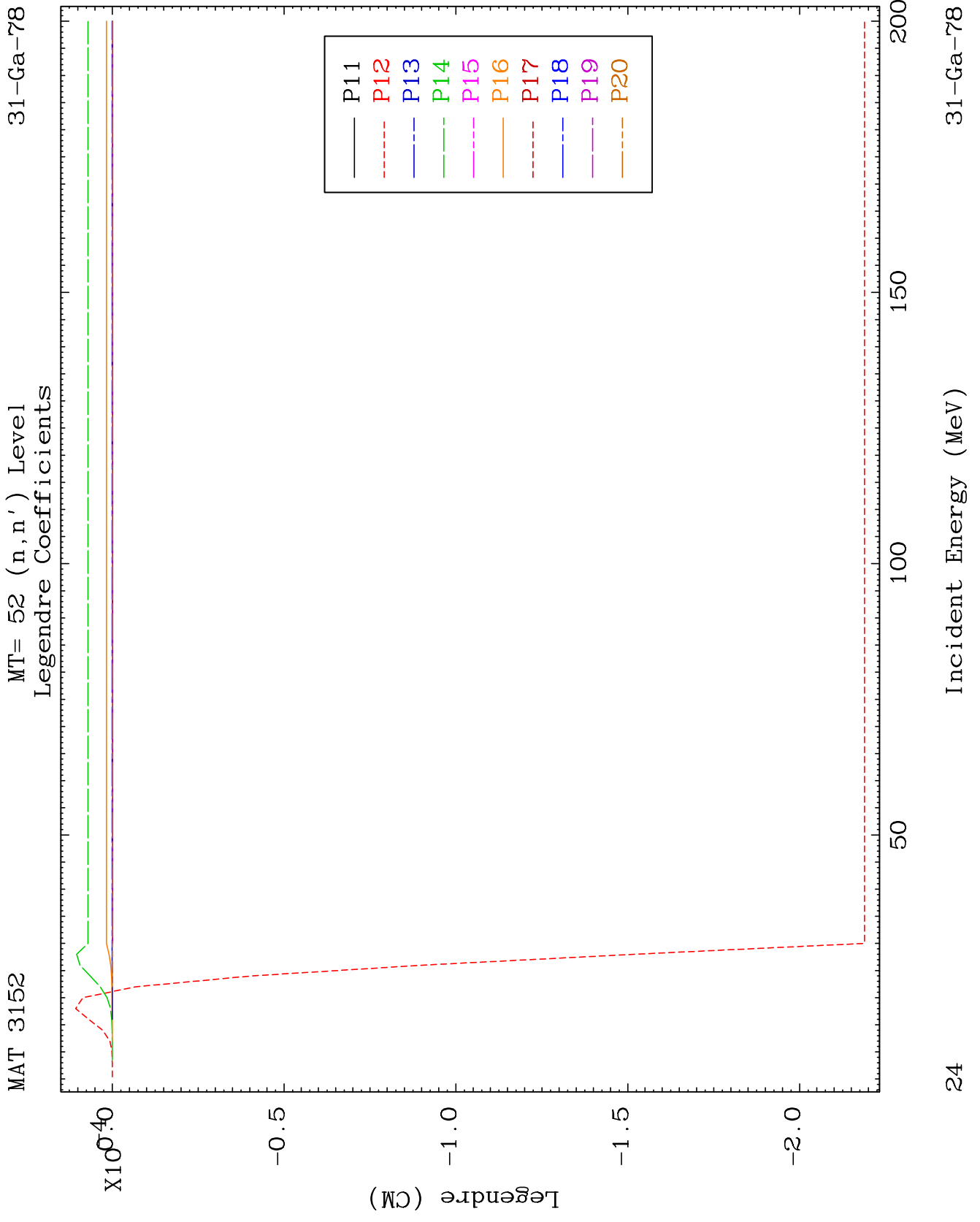
MAT 3152

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

31-Ga-78



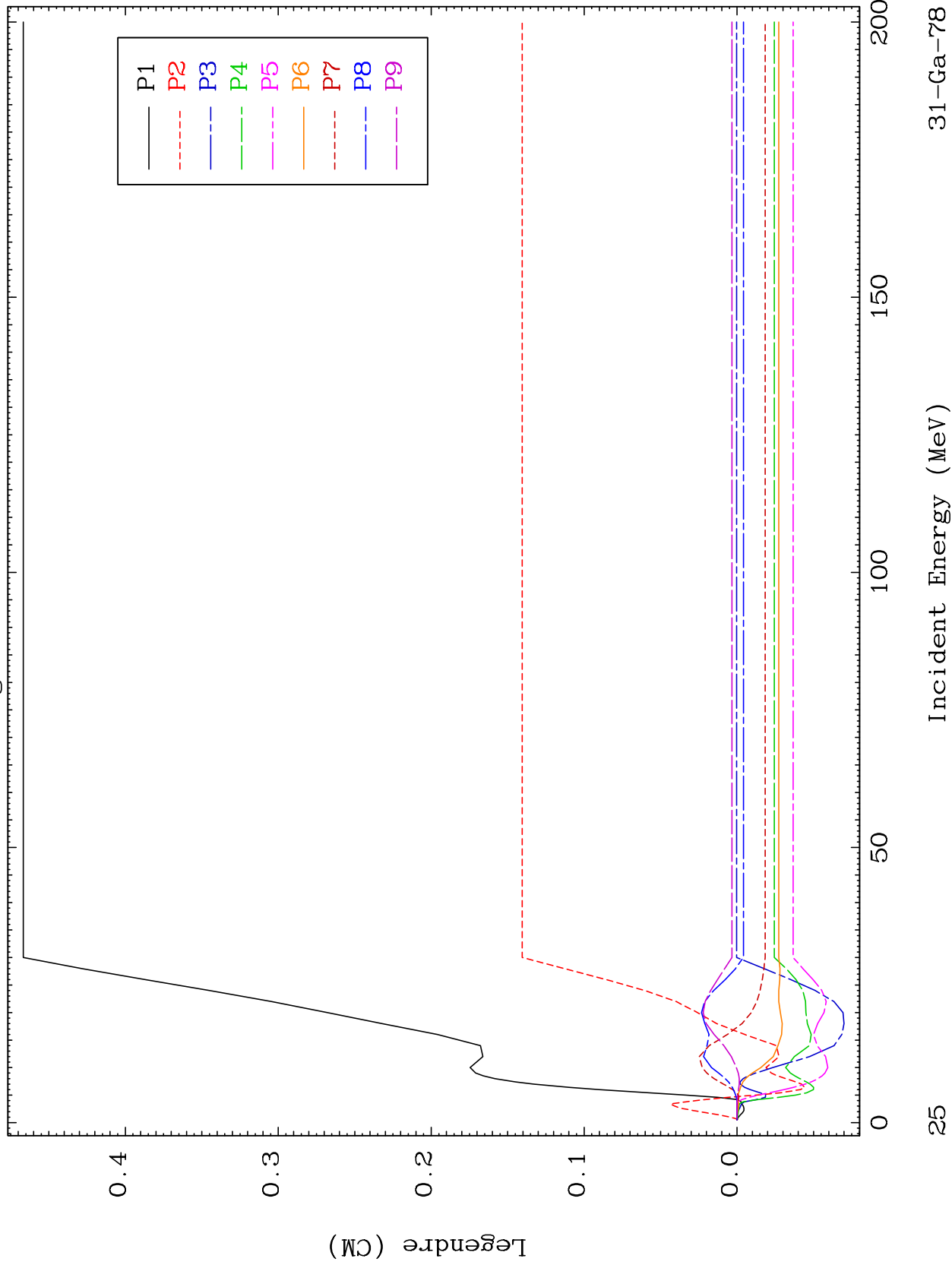




MAT 3152

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

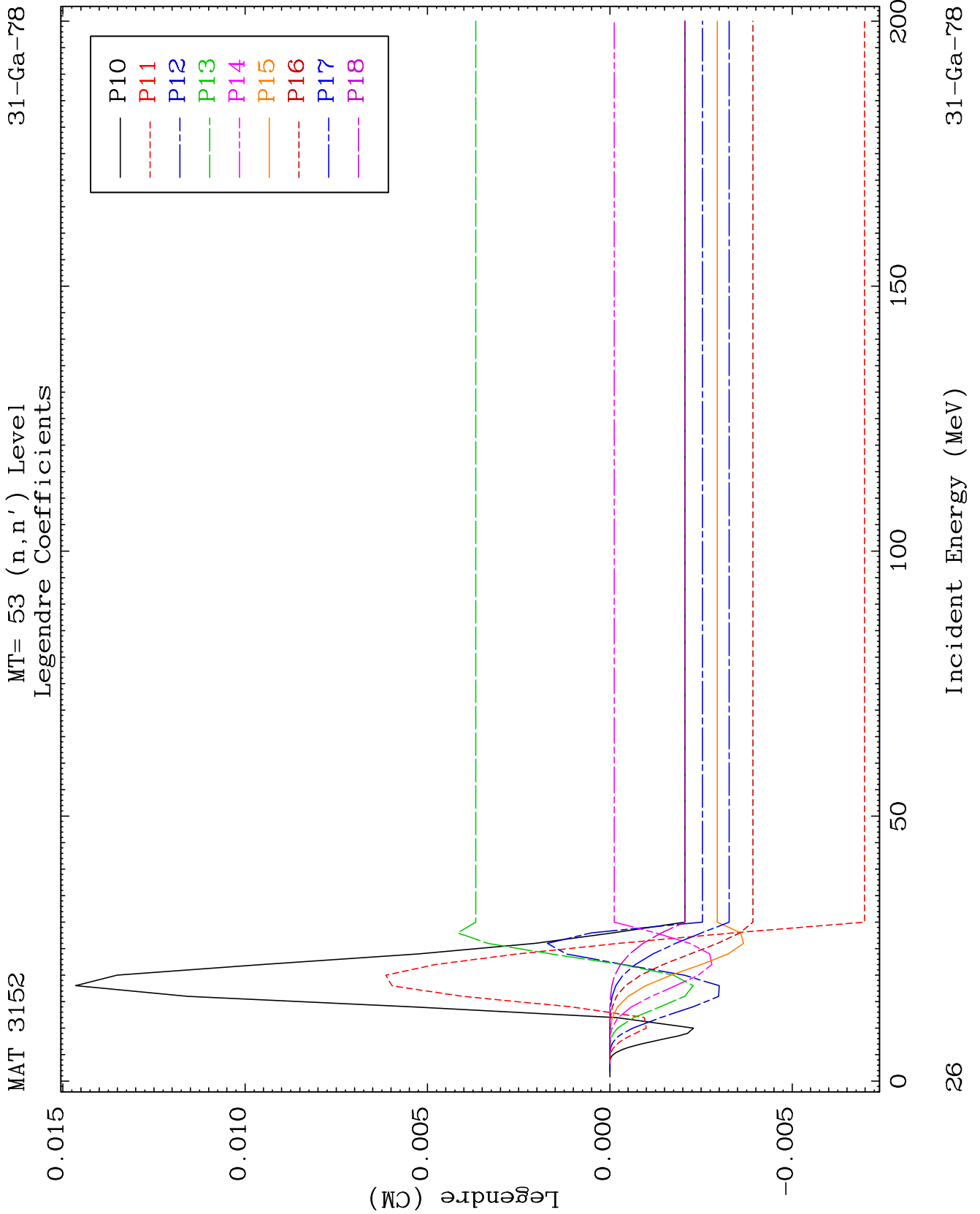
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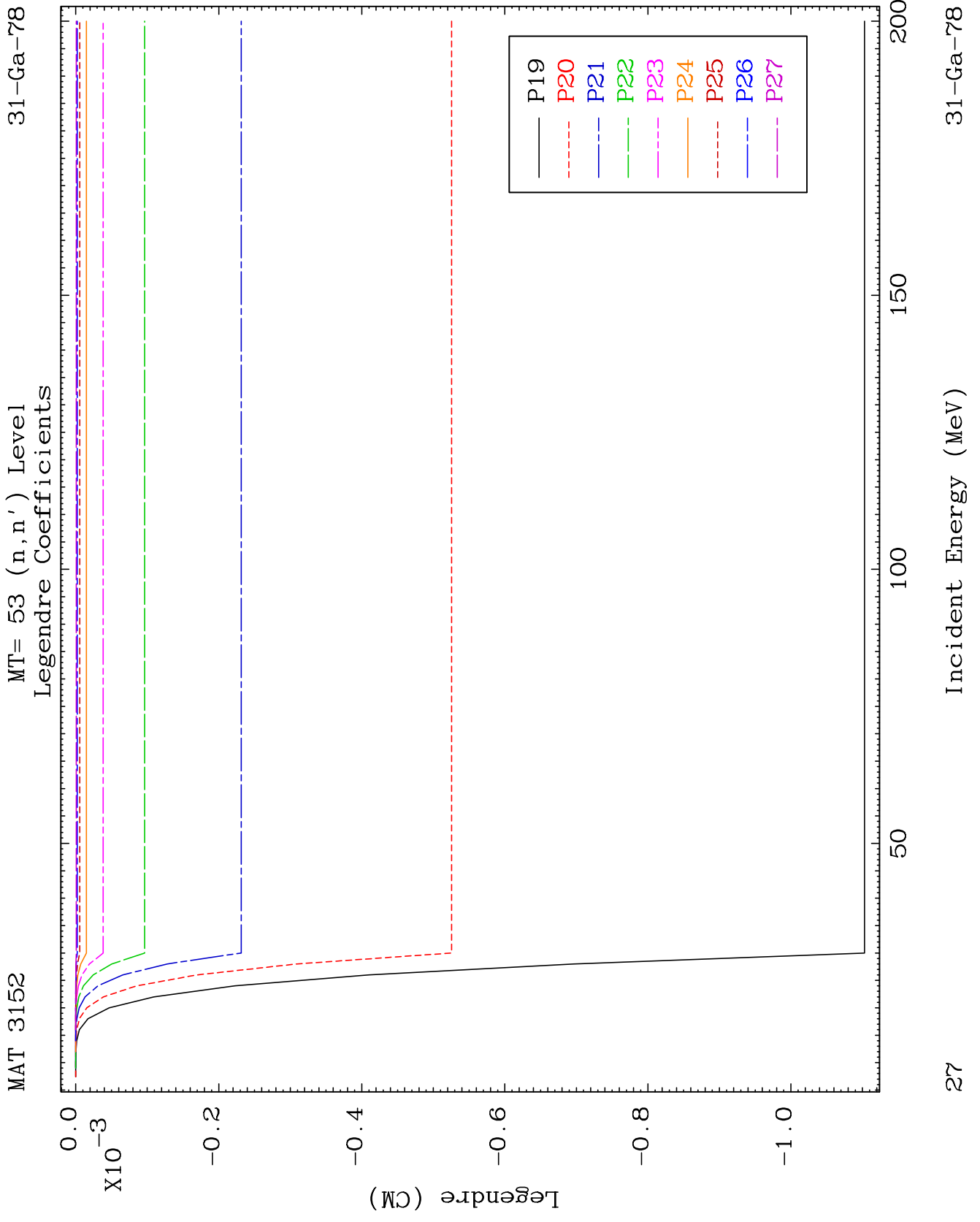


31-Ga-78

Incident Energy (MeV)

25

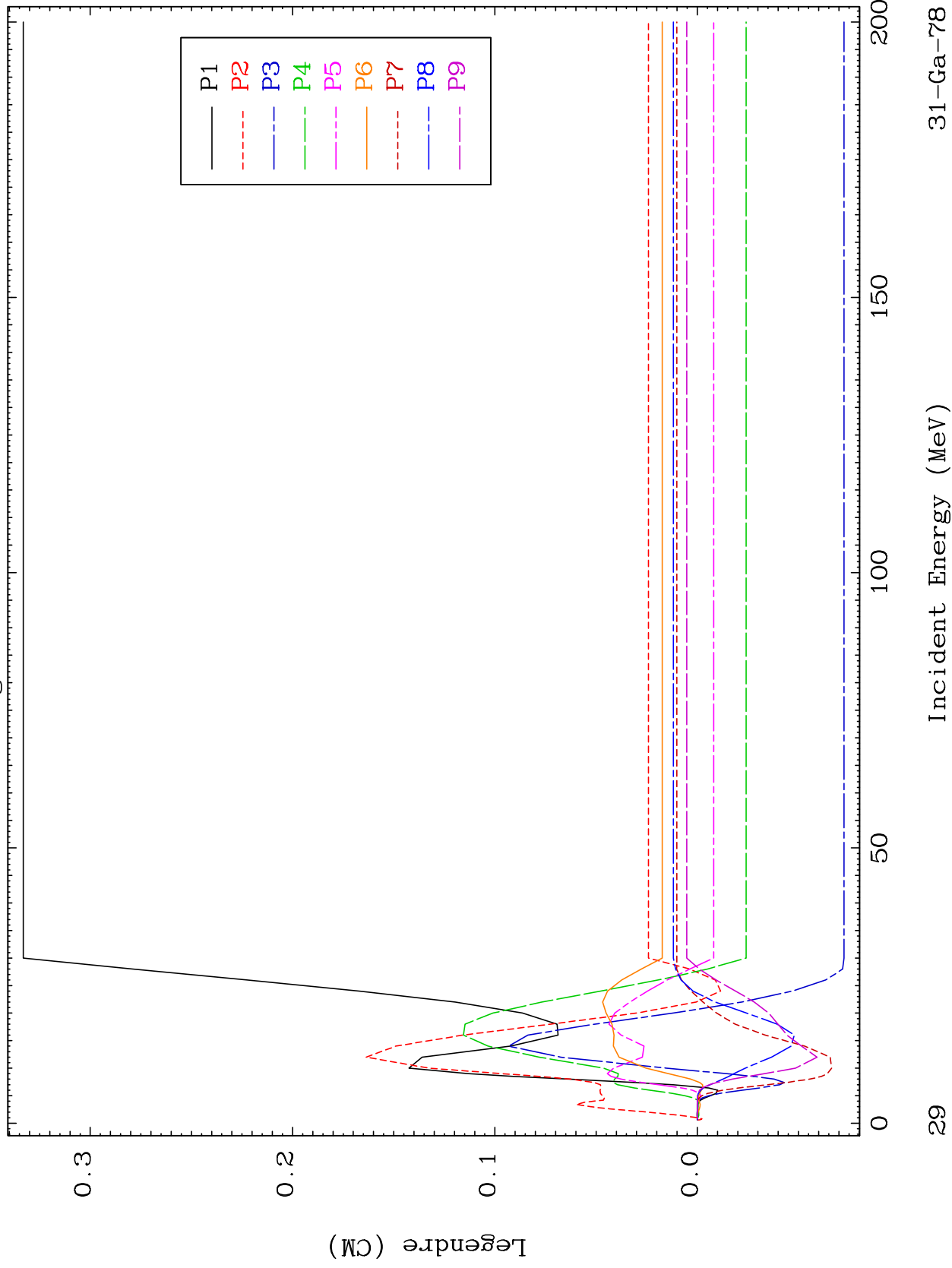




MAT 3152

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

31-Ga-78



31-Ga-78

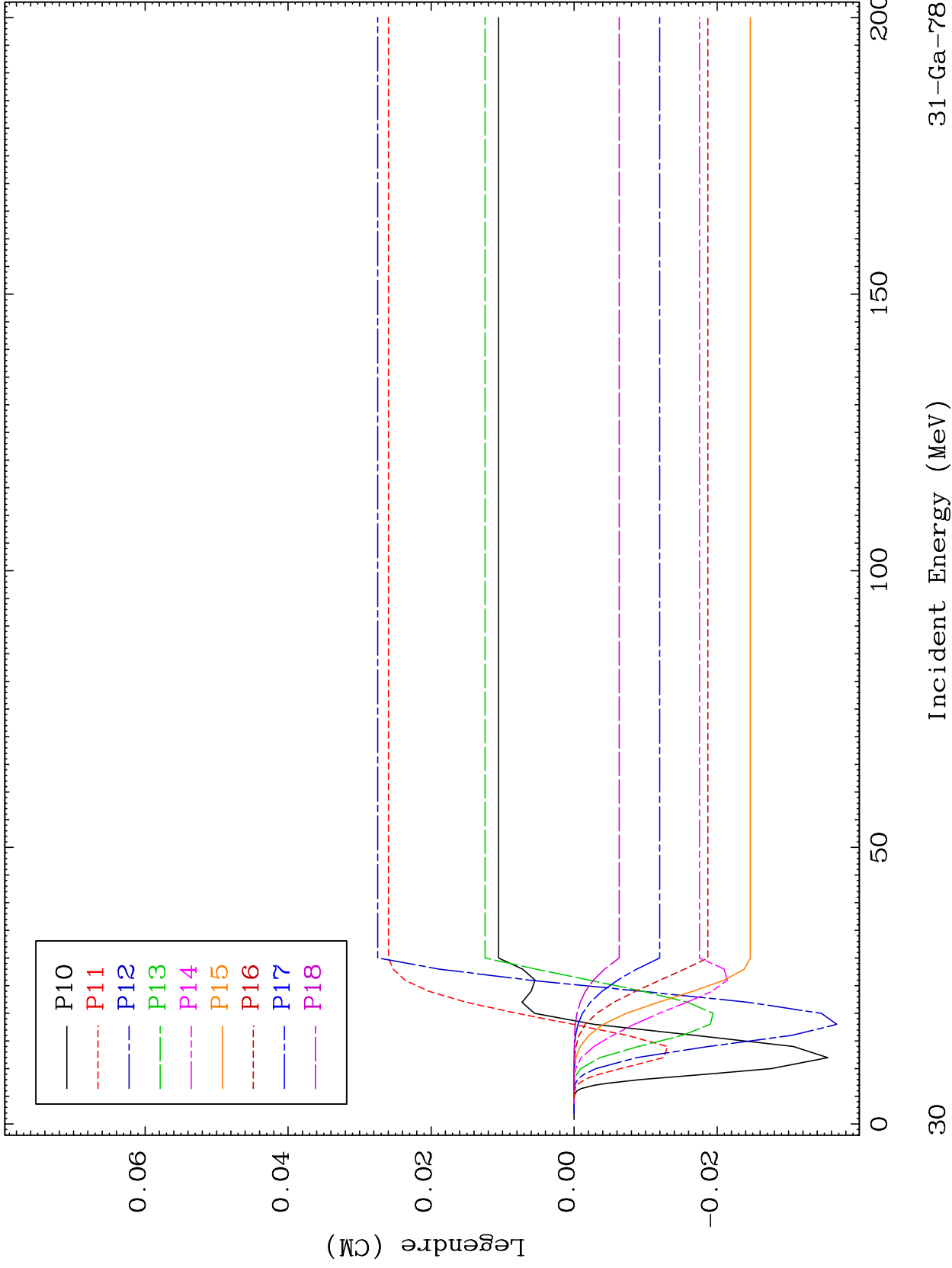
Incident Energy (MeV)

29

MAT 3152

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

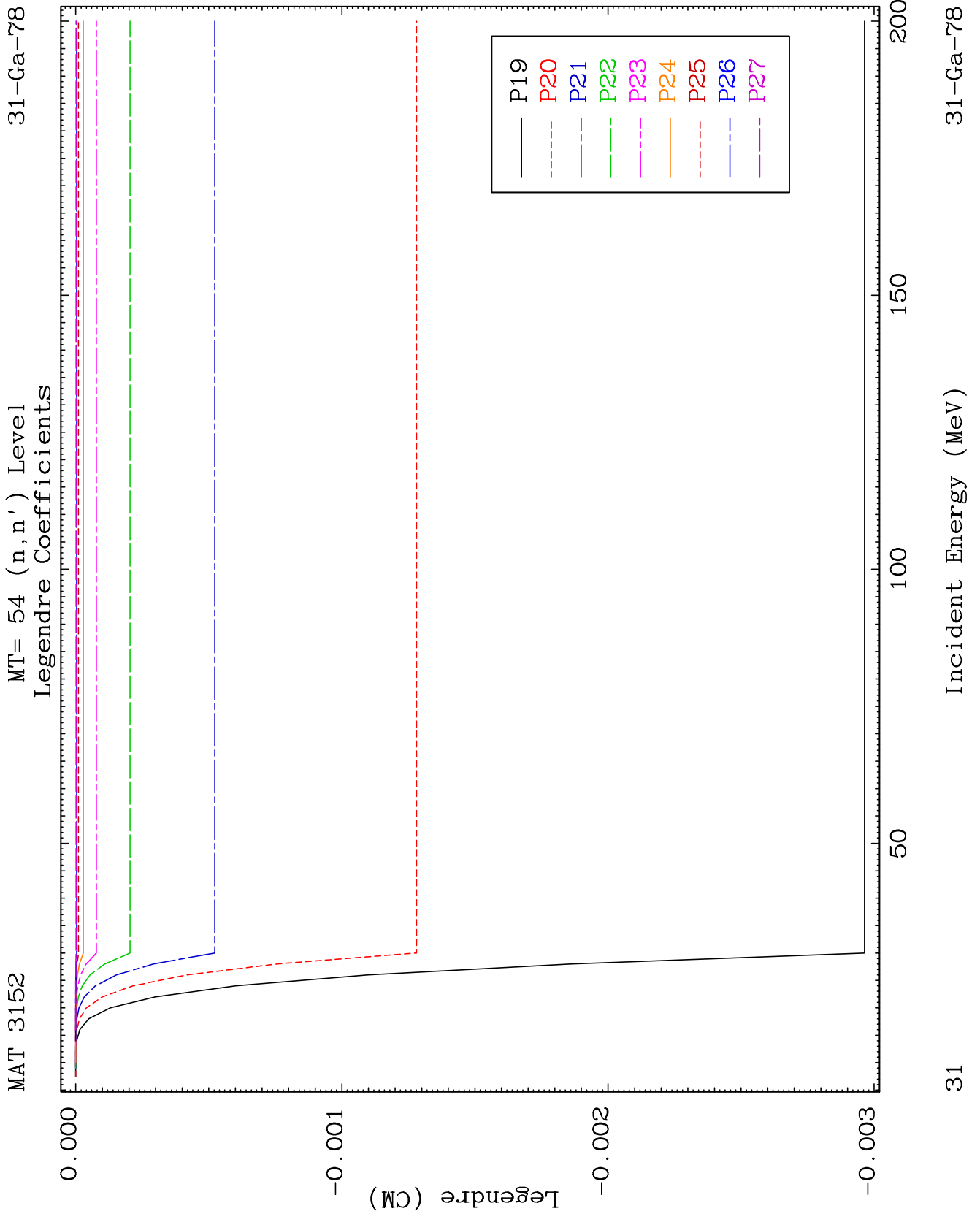
31-Ga-78

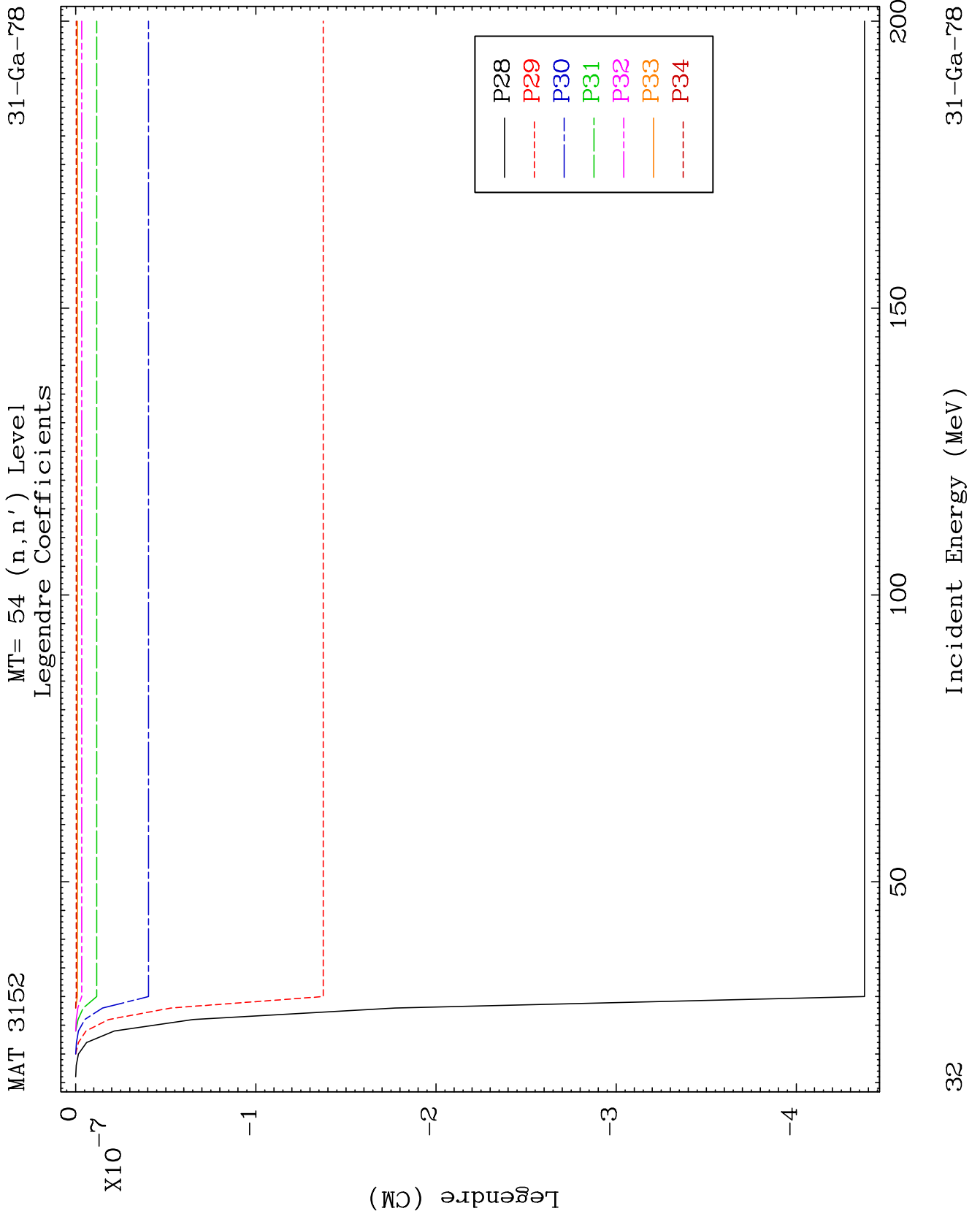


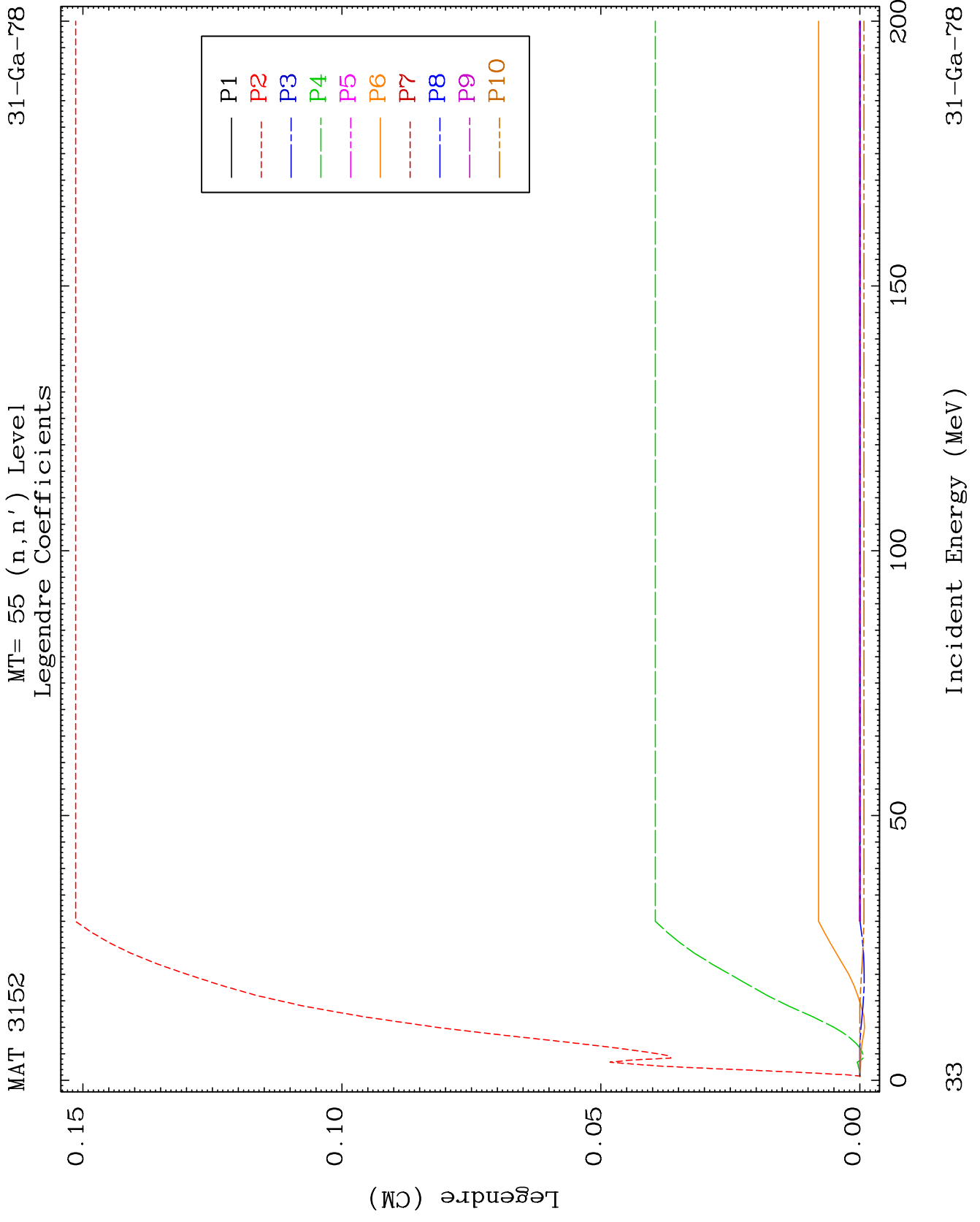
31-Ga-78

Incident Energy (MeV)

30



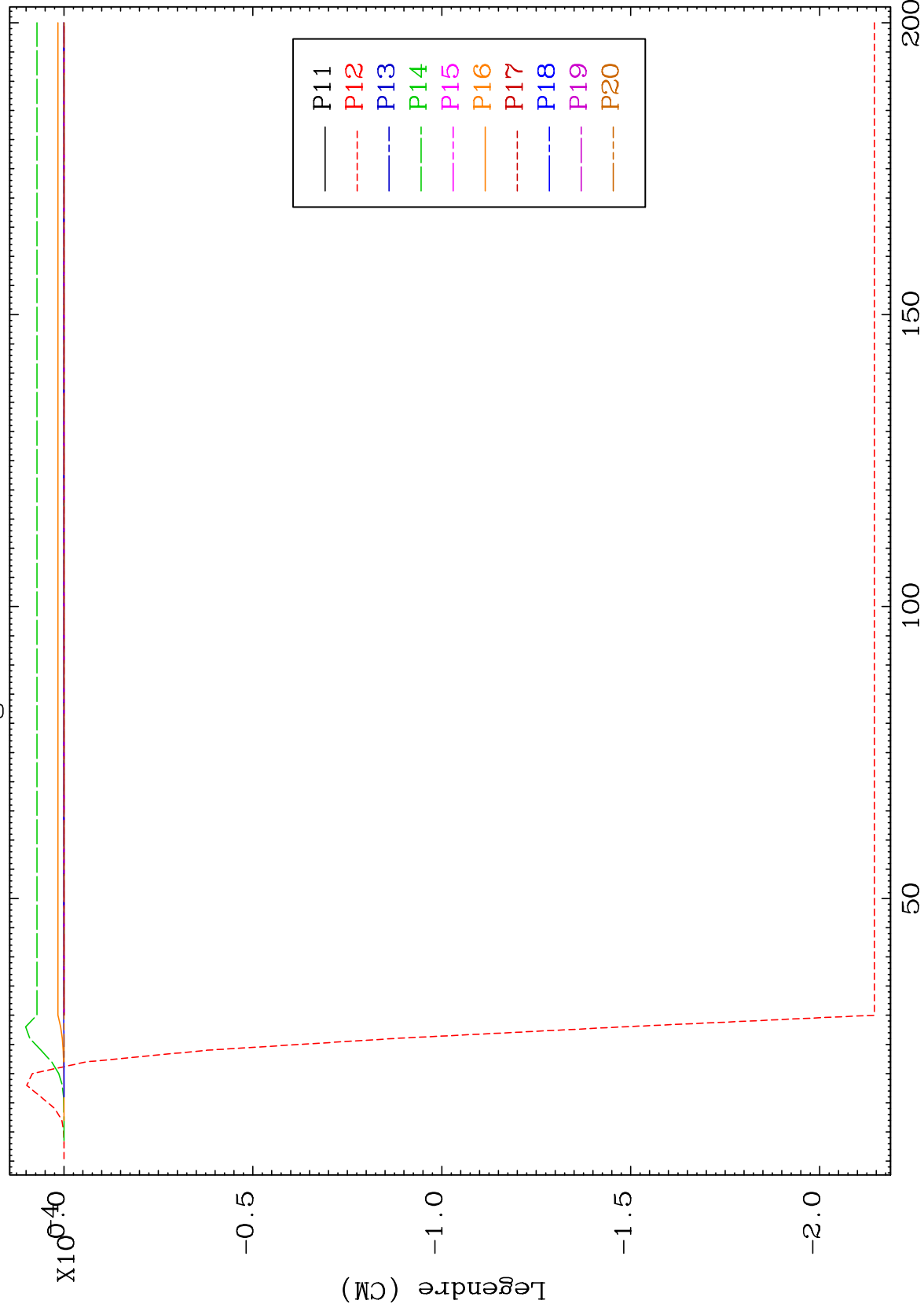




MAT 3152

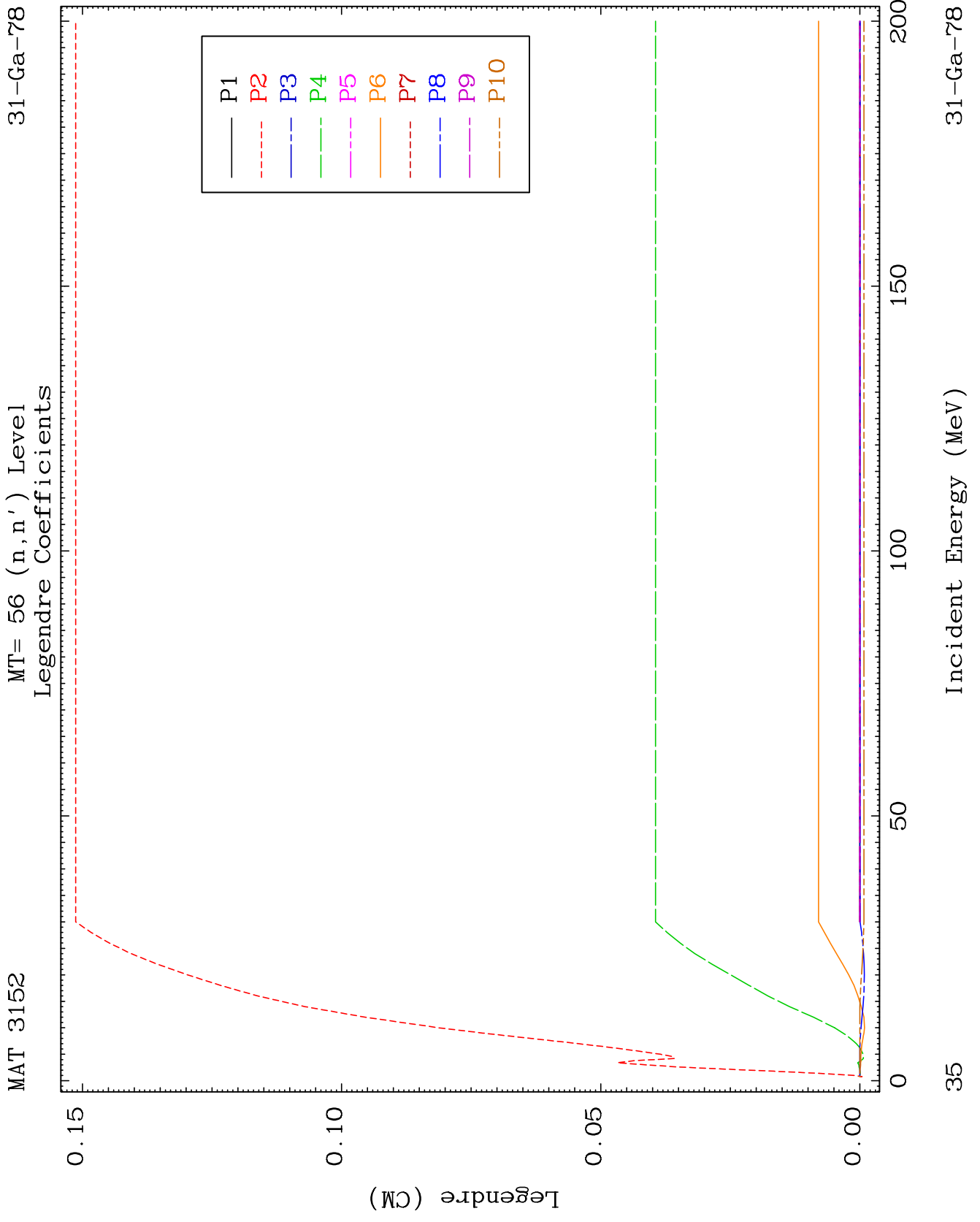
MT= 55 (n,n') Level
Legendre Coefficients

31-Ga-78



34

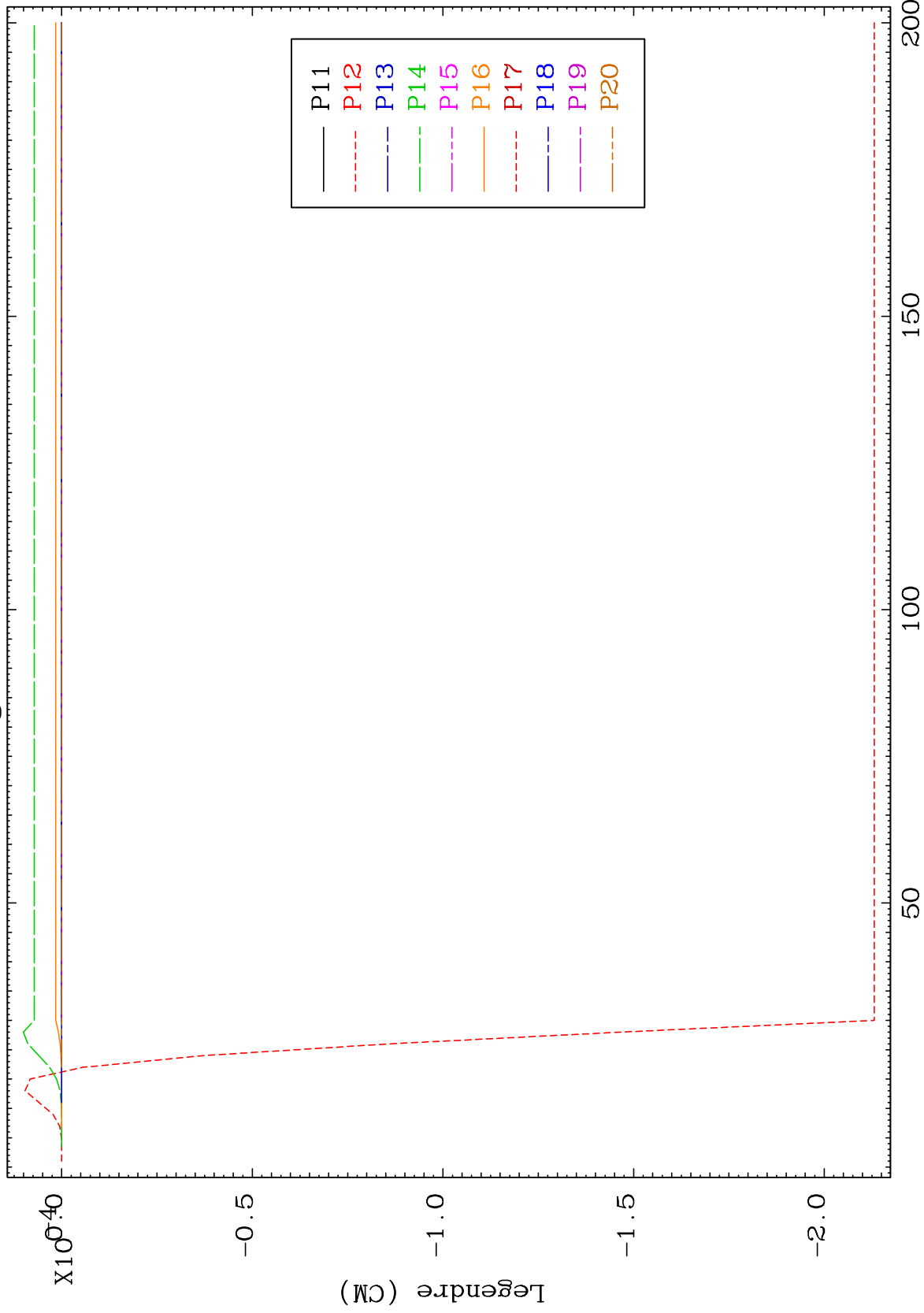
31-Ga-78



MAT 3152

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

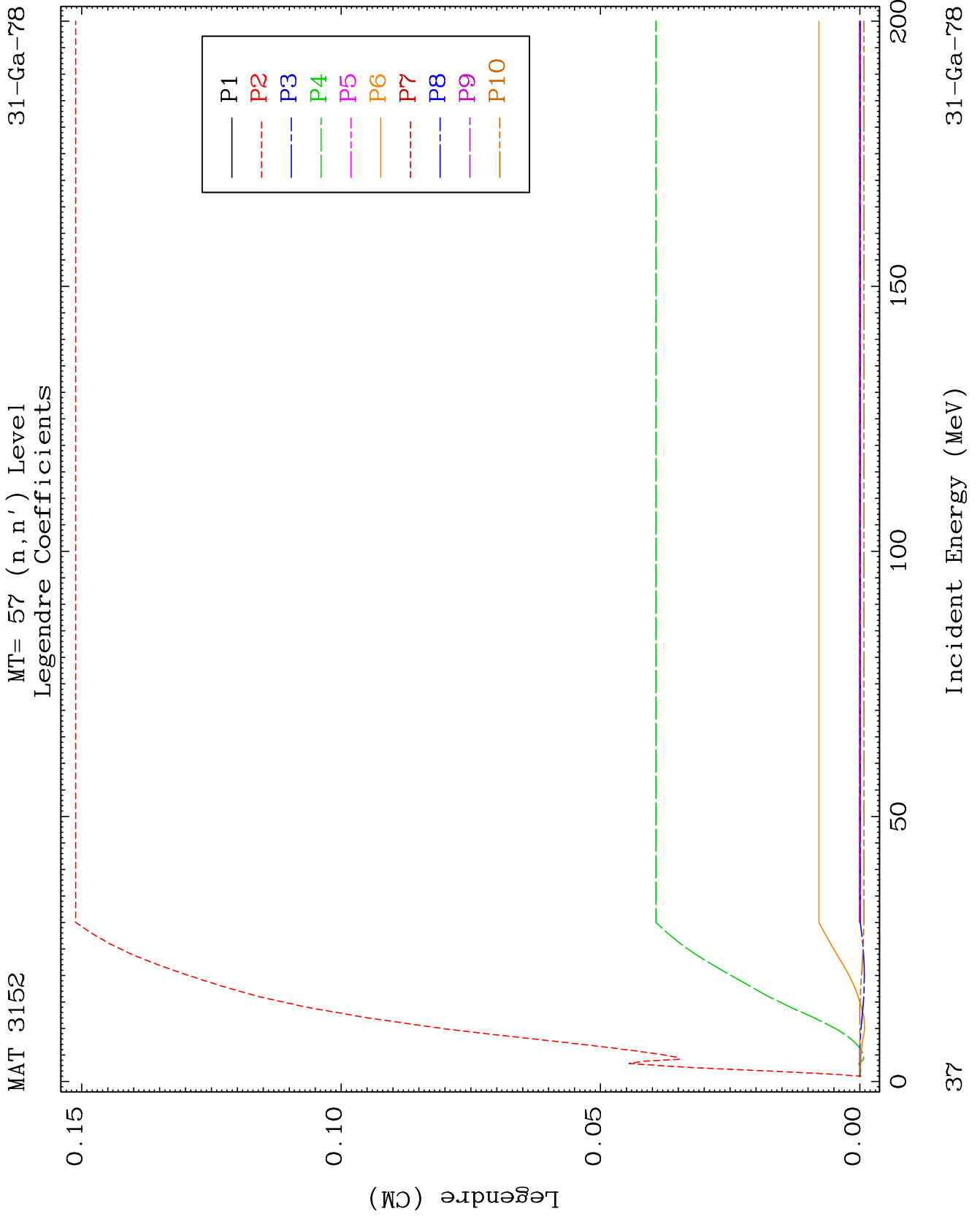
31-Ga-78



36

Incident Energy (MeV)

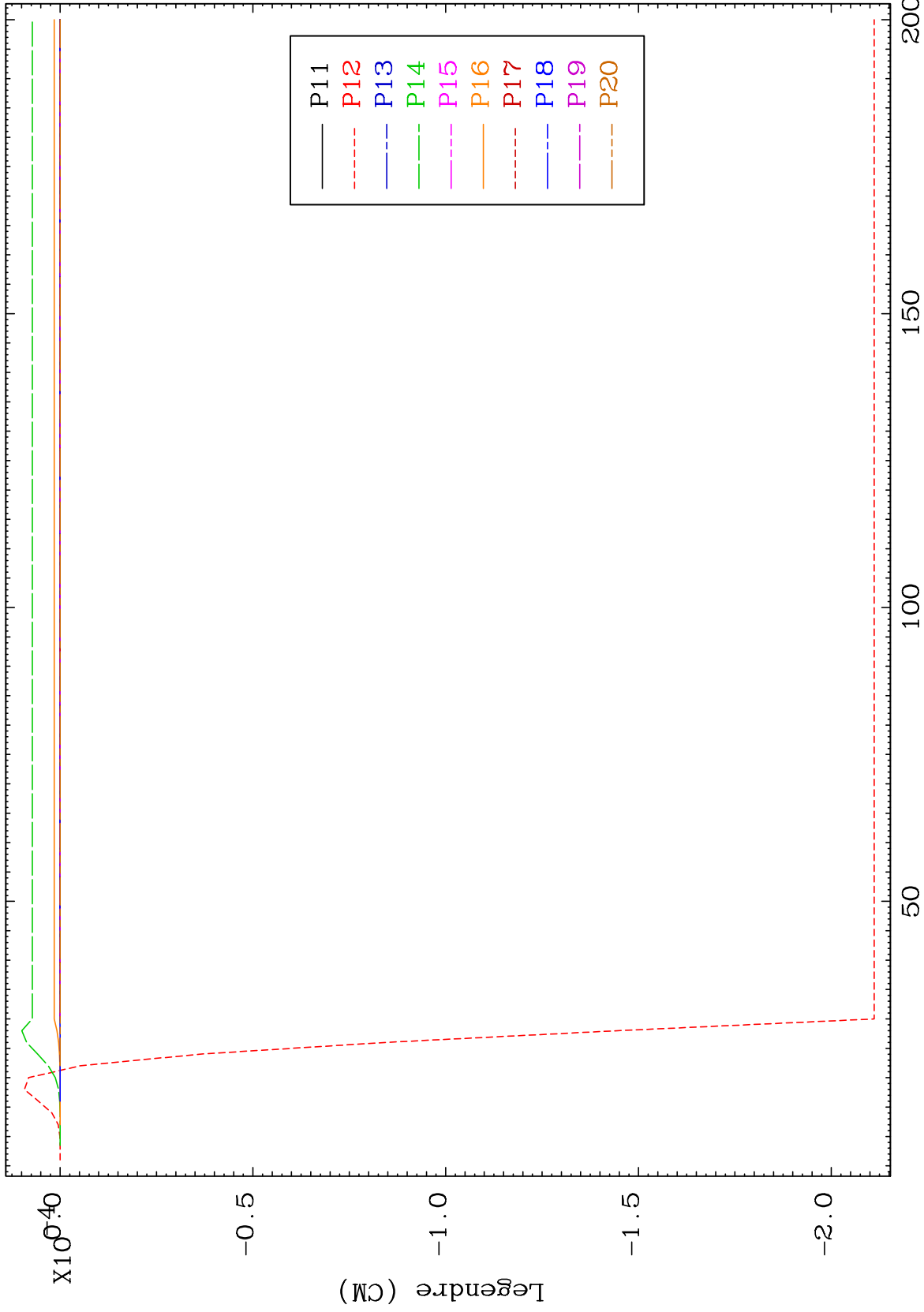
31-Ga-78



MAT 3152

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

31-Ga-78



38

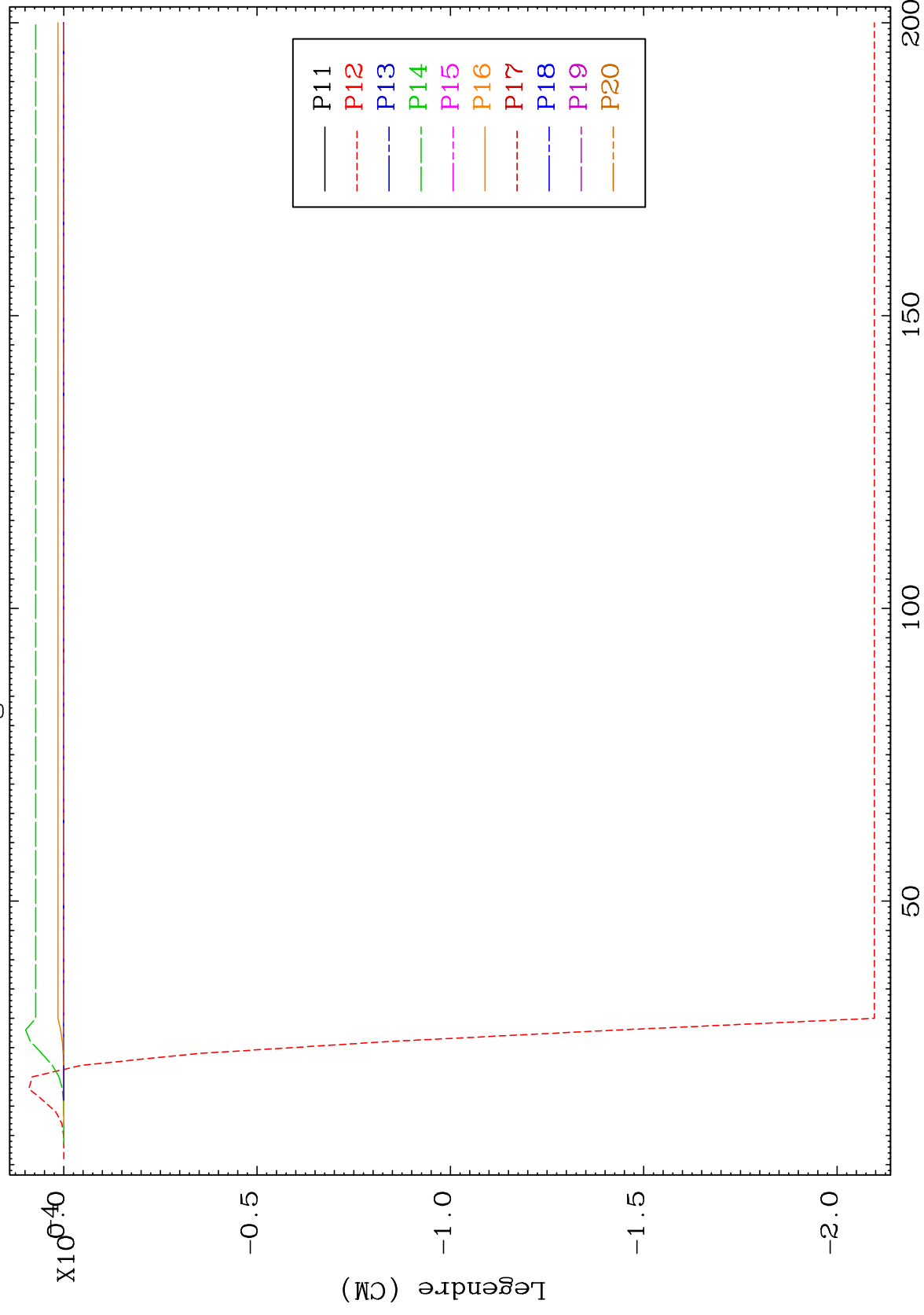
Incident Energy (MeV)

31-Ga-78

MAT 3152

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

31-Ga-78



40

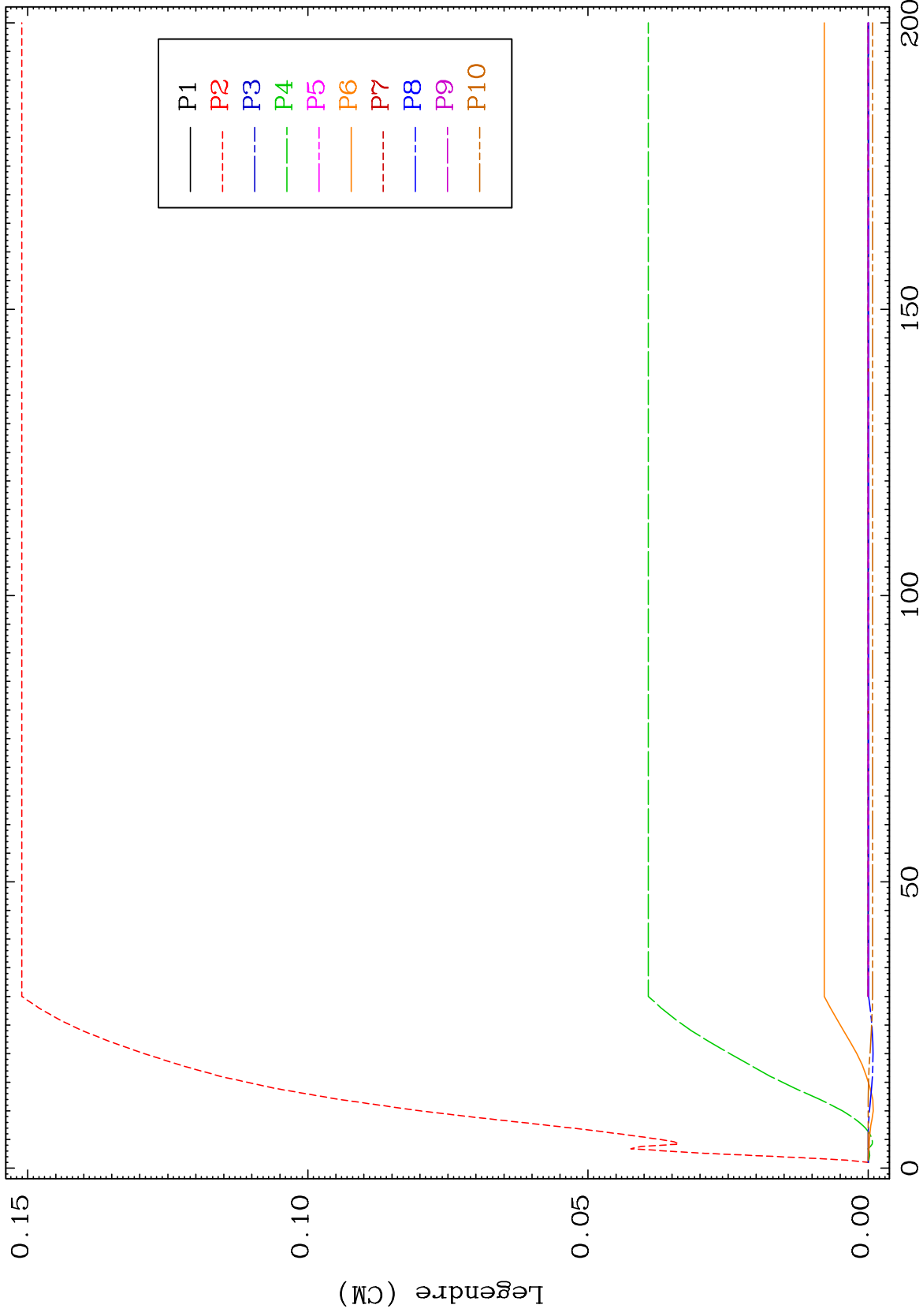
Incident Energy (MeV)

31-Ga-78

MAT 3152

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

31-Ga-78



41

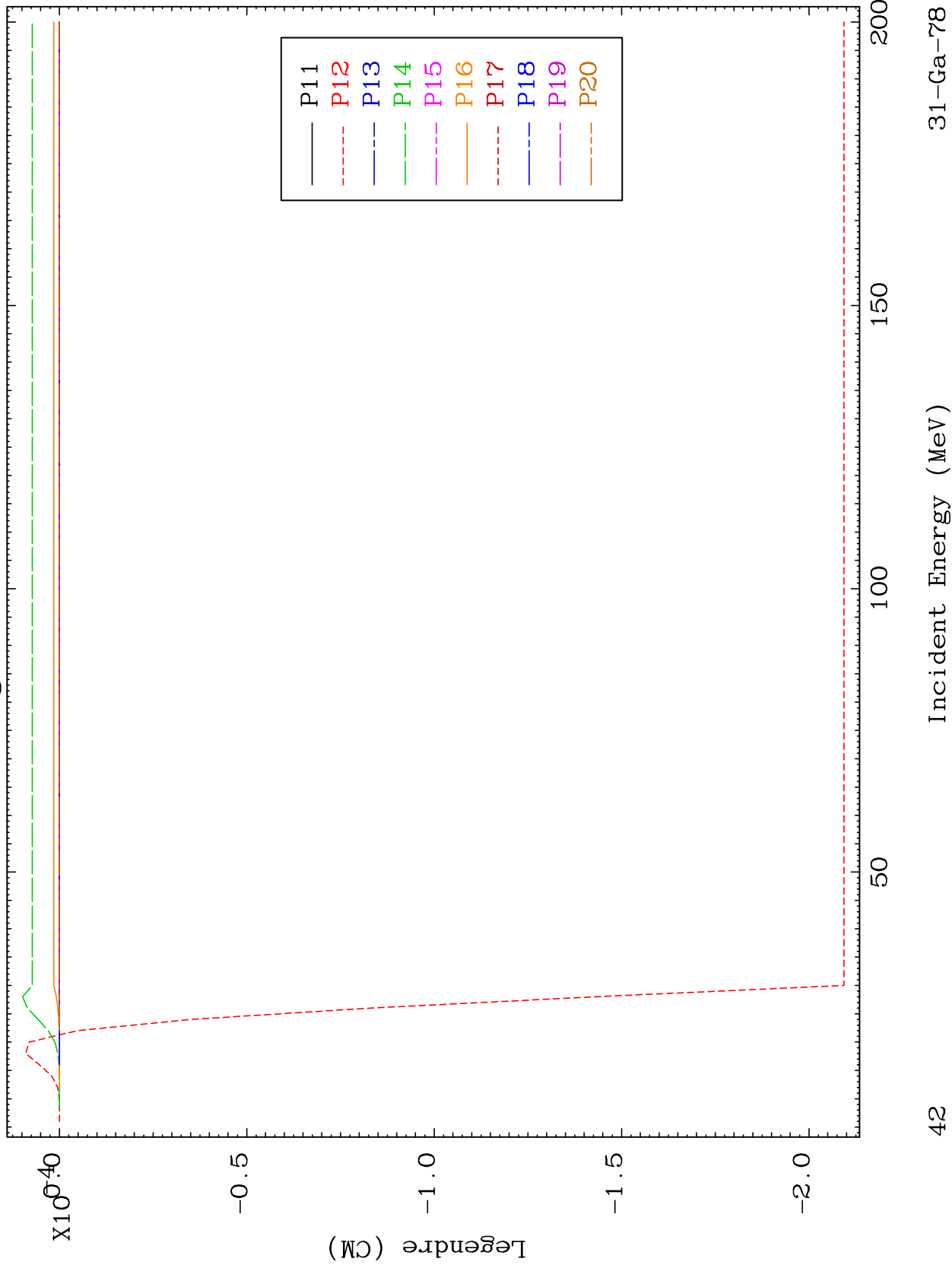
Incident Energy (MeV)

31-Ga-78

MAT 3152

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

31-Ga-78

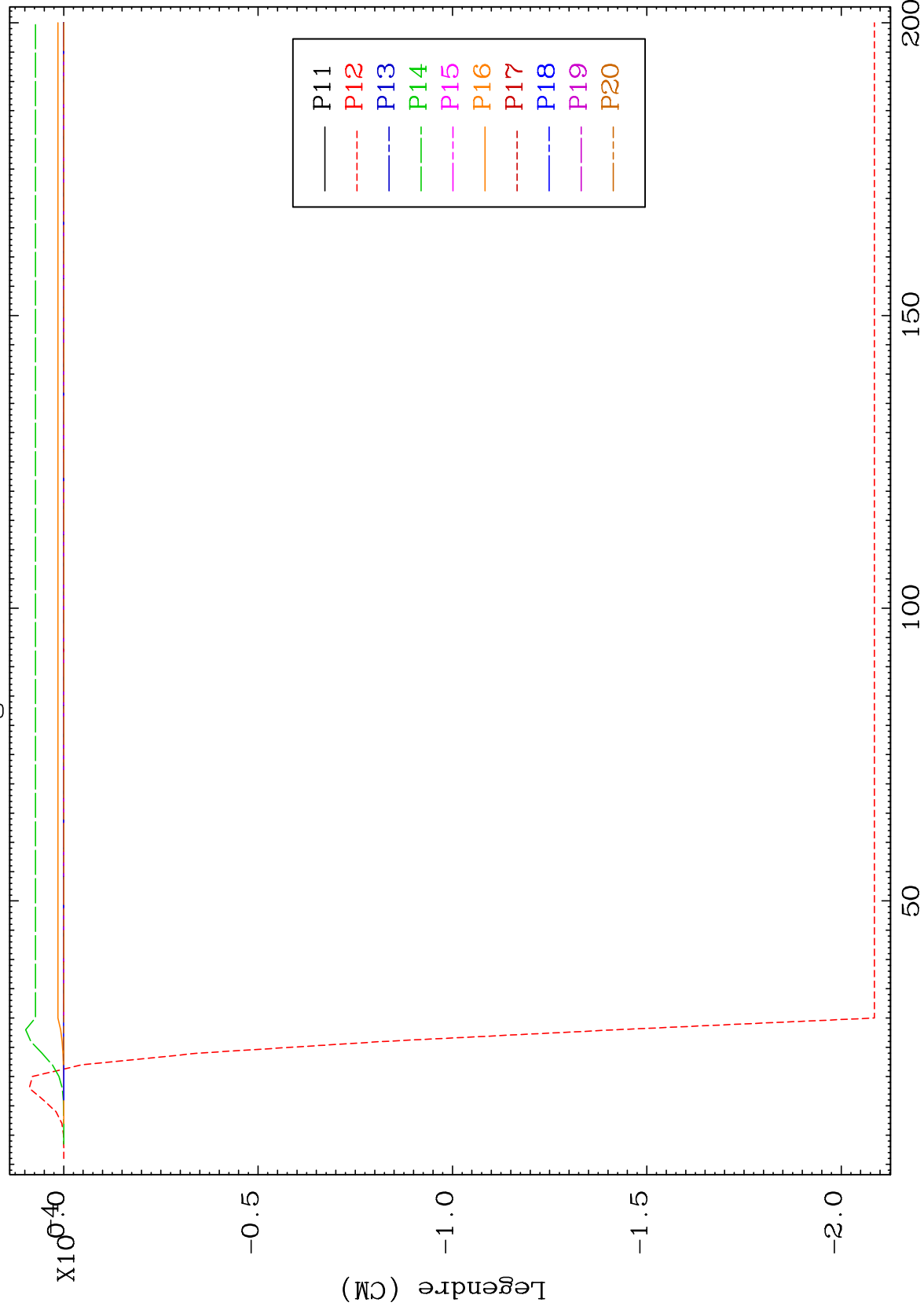


42

MAT 3152

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

31-Ga-78



44

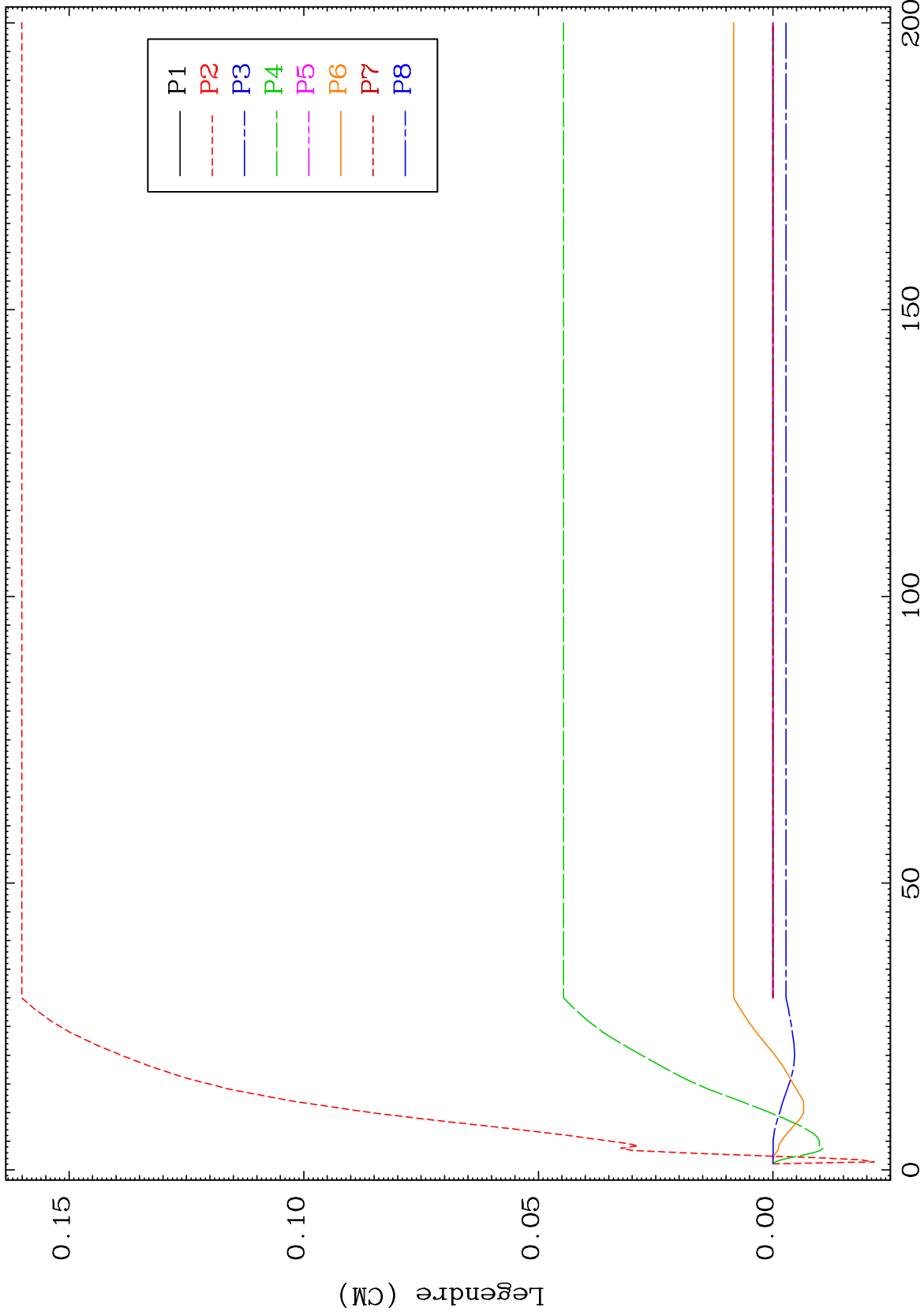
Incident Energy (MeV)

31-Ga-78

MAT 3152

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

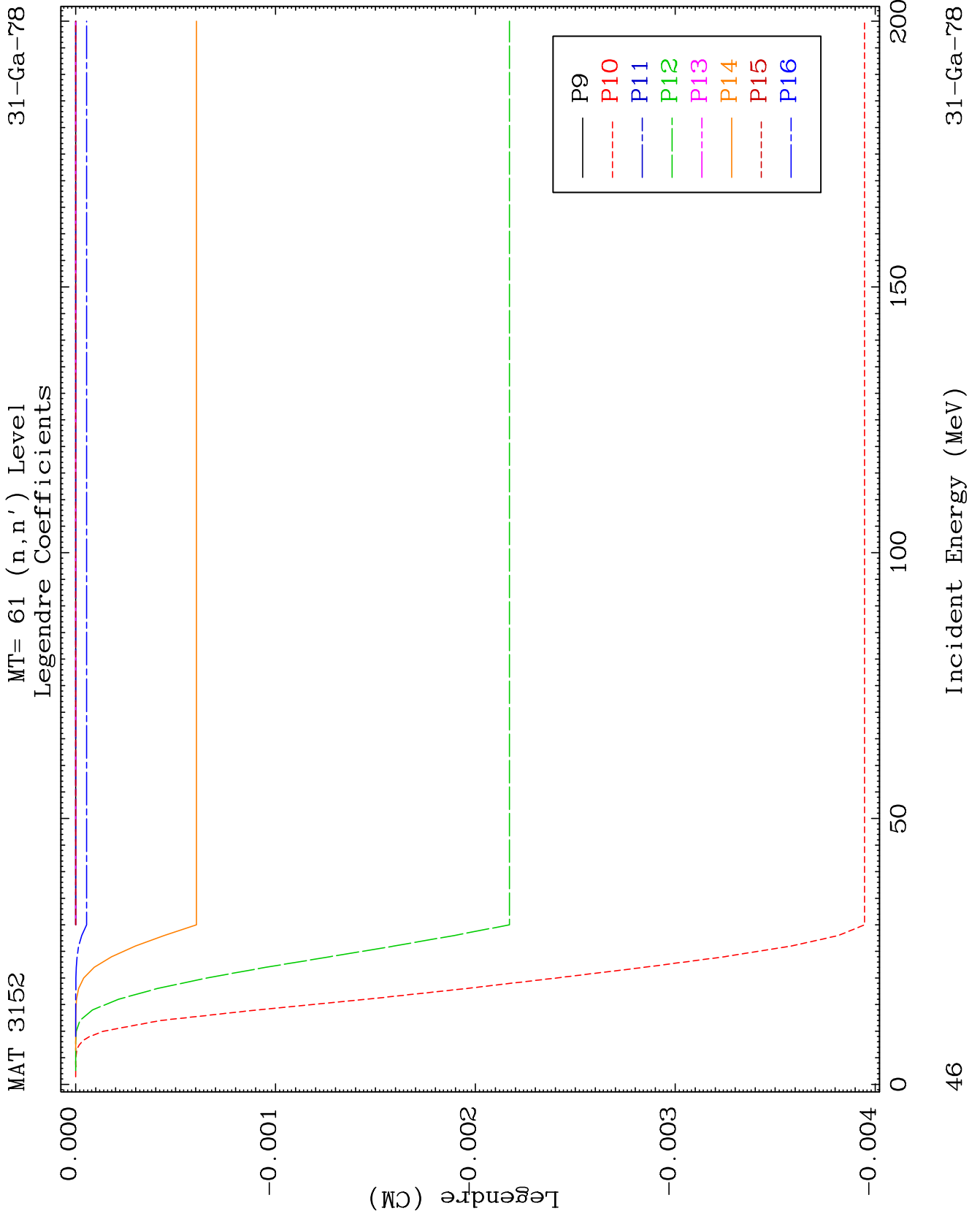
31-Ga-78

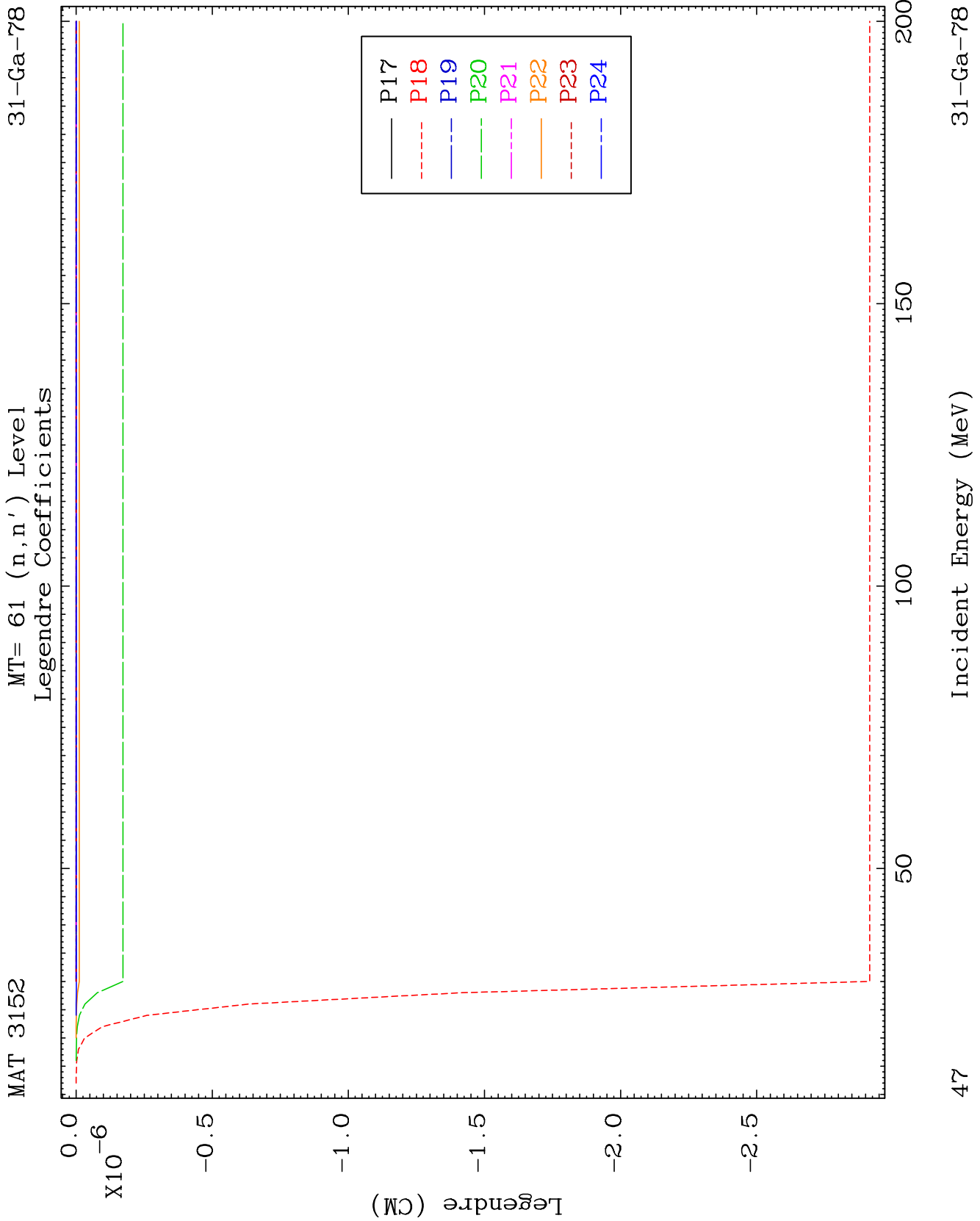


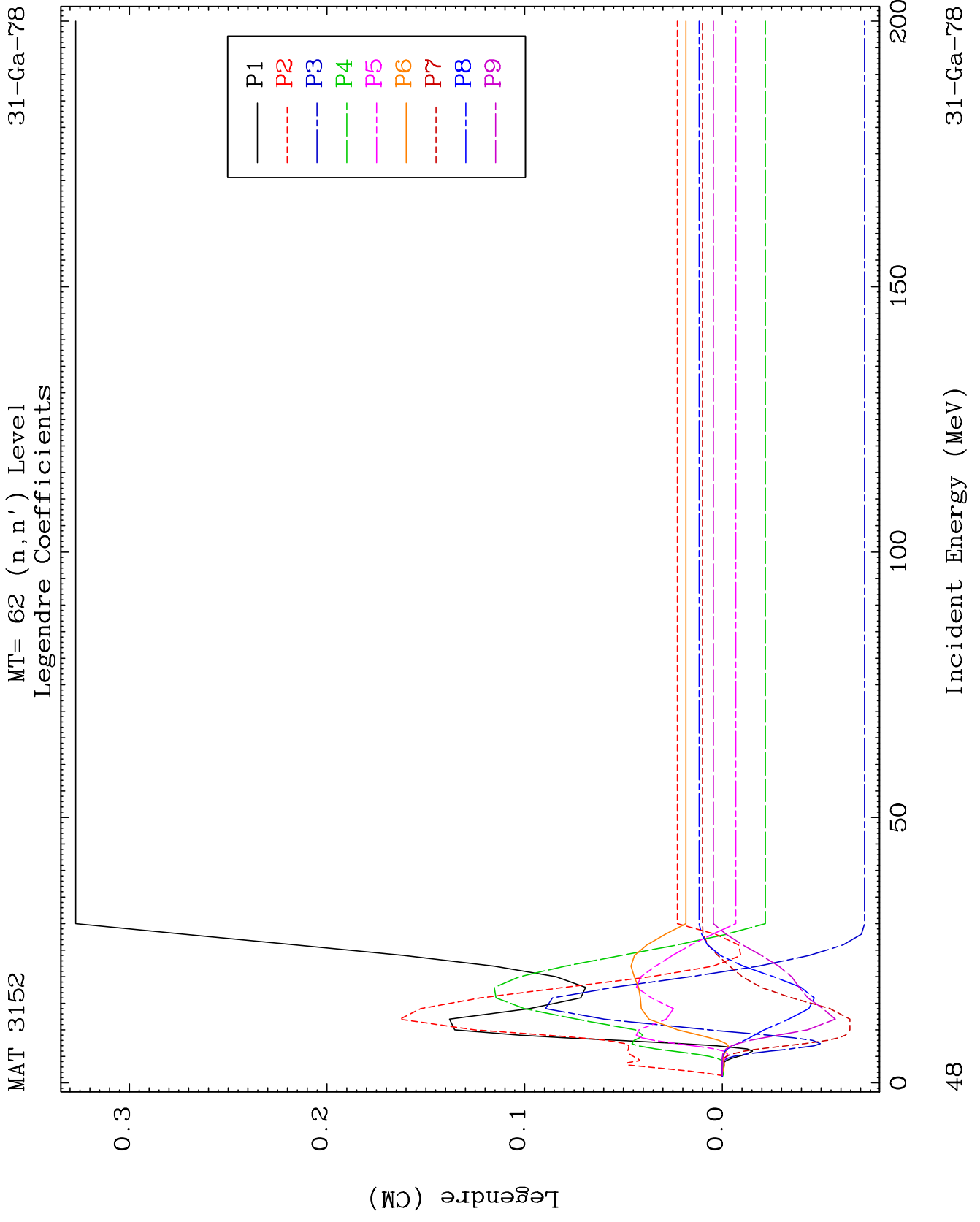
31-Ga-78

Incident Energy (MeV)

45



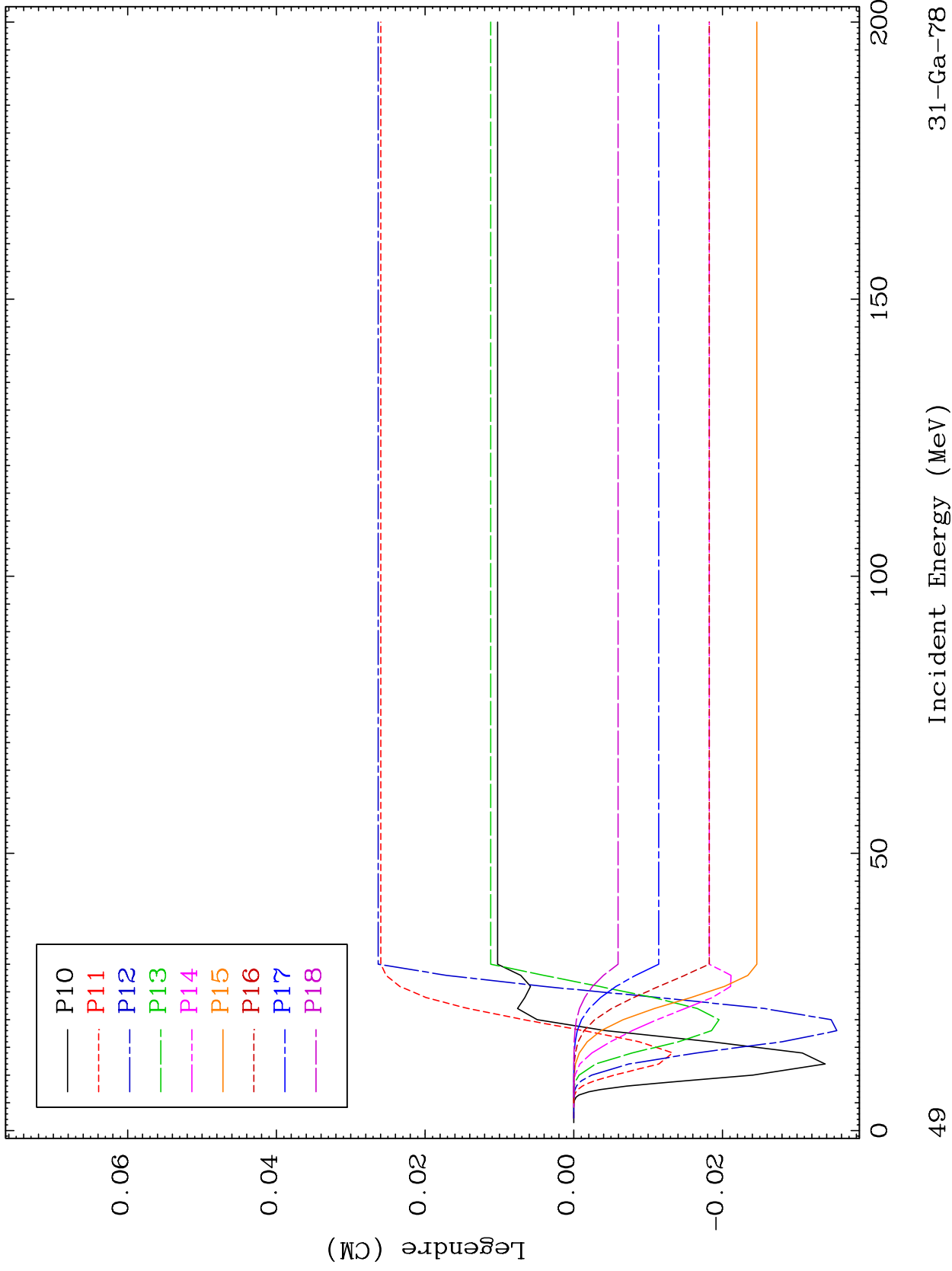




MAT 3152

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

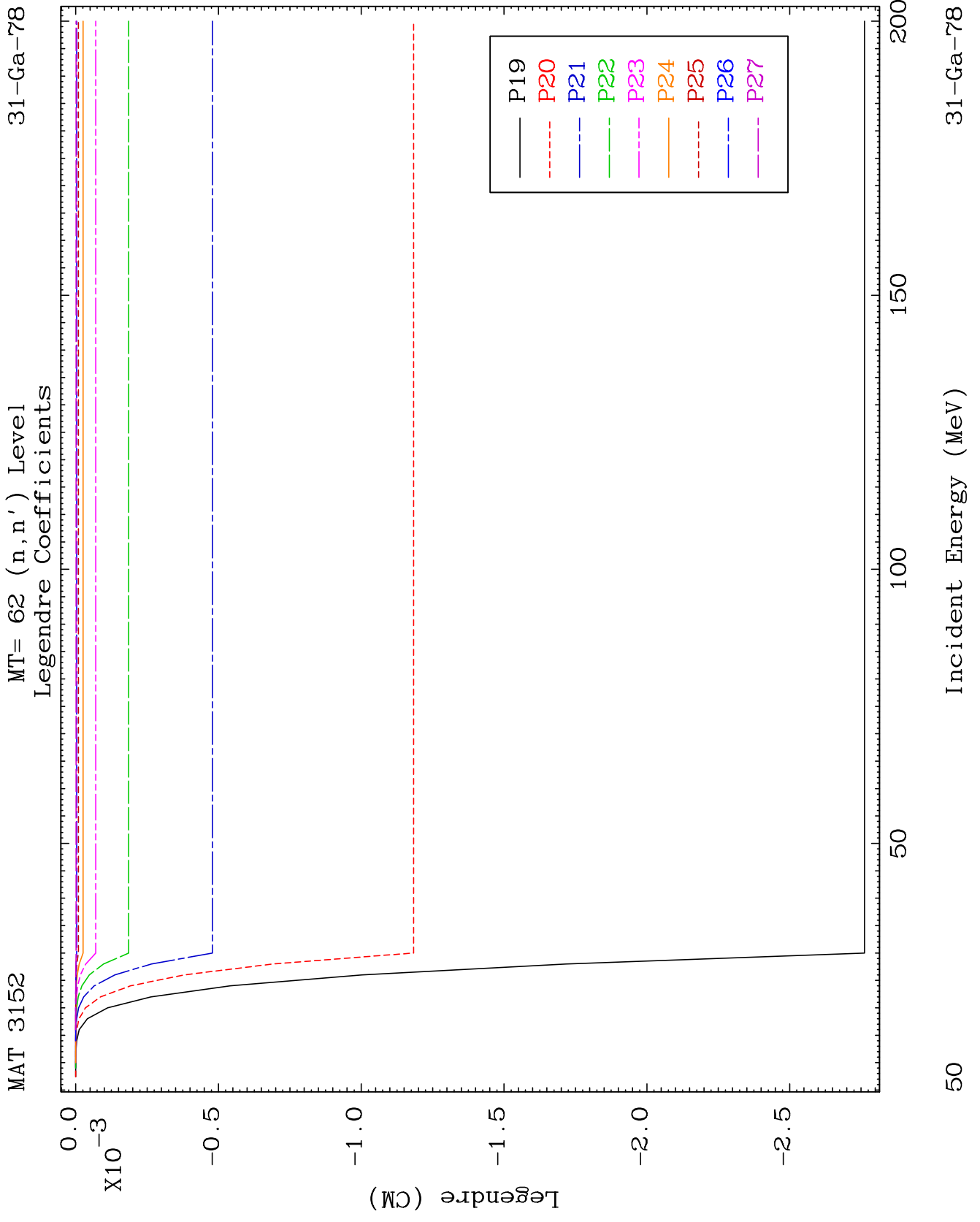
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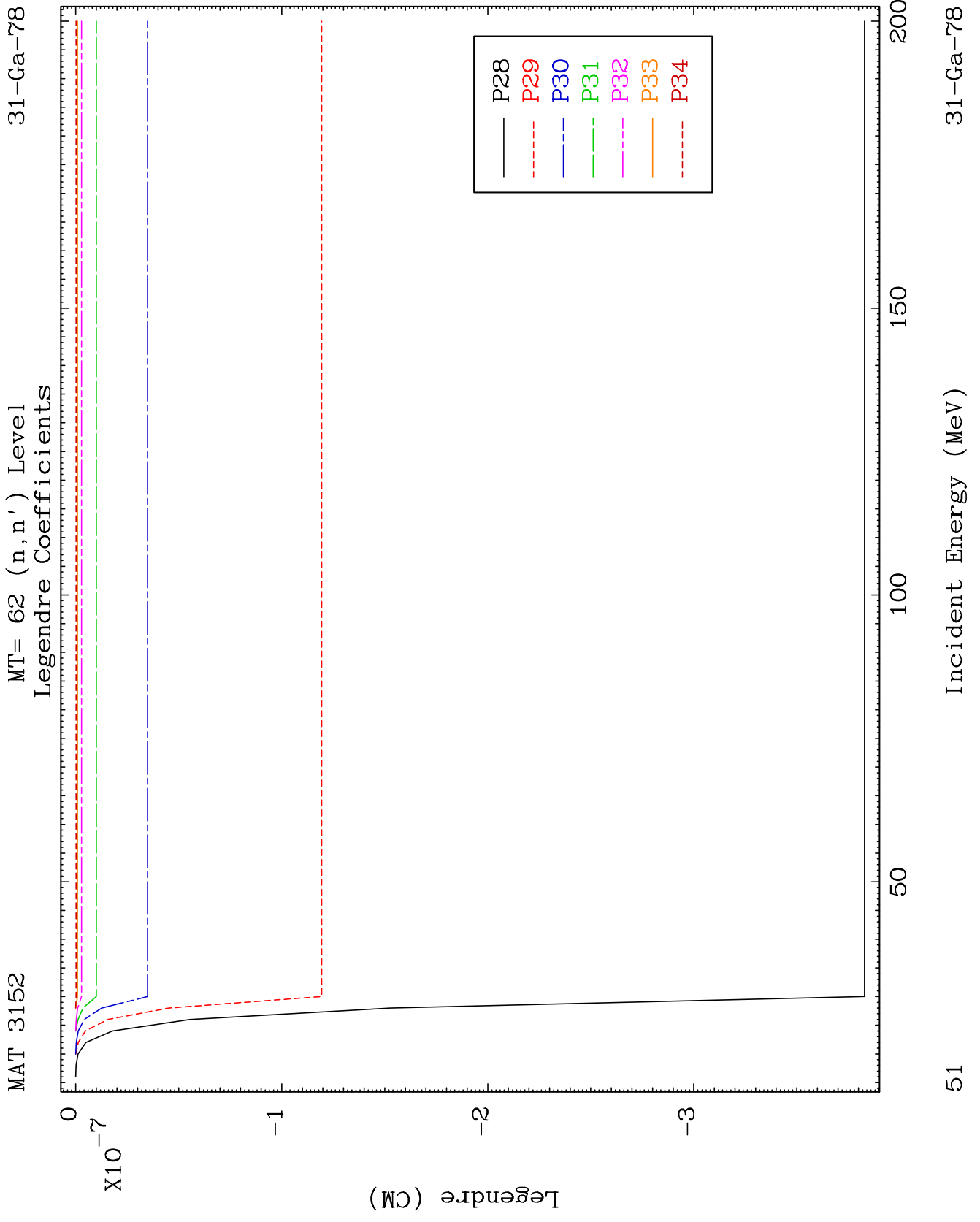


49

Incident Energy (MeV)

31-Ga-78

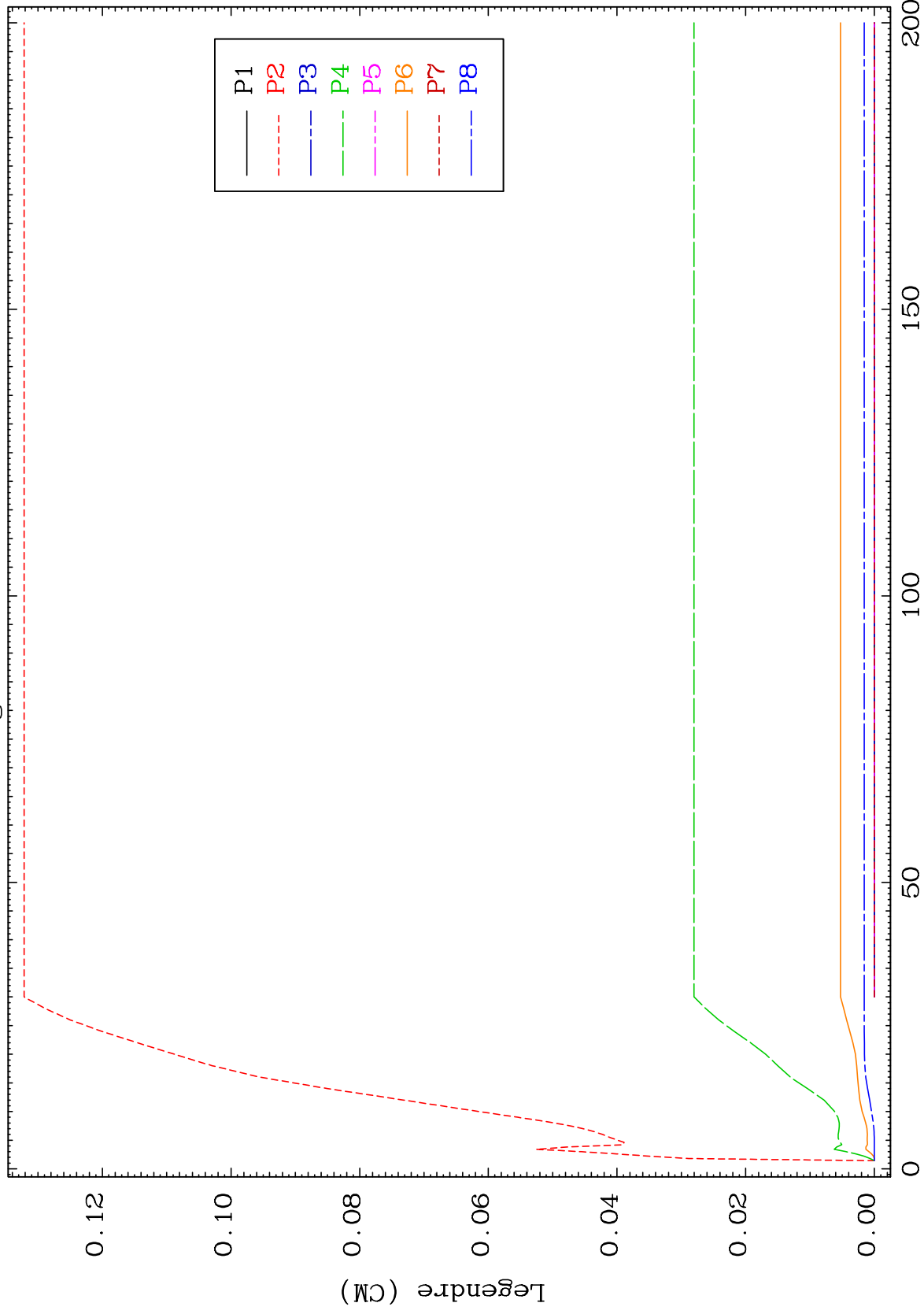




MAT 3152

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

31-Ga-78



52

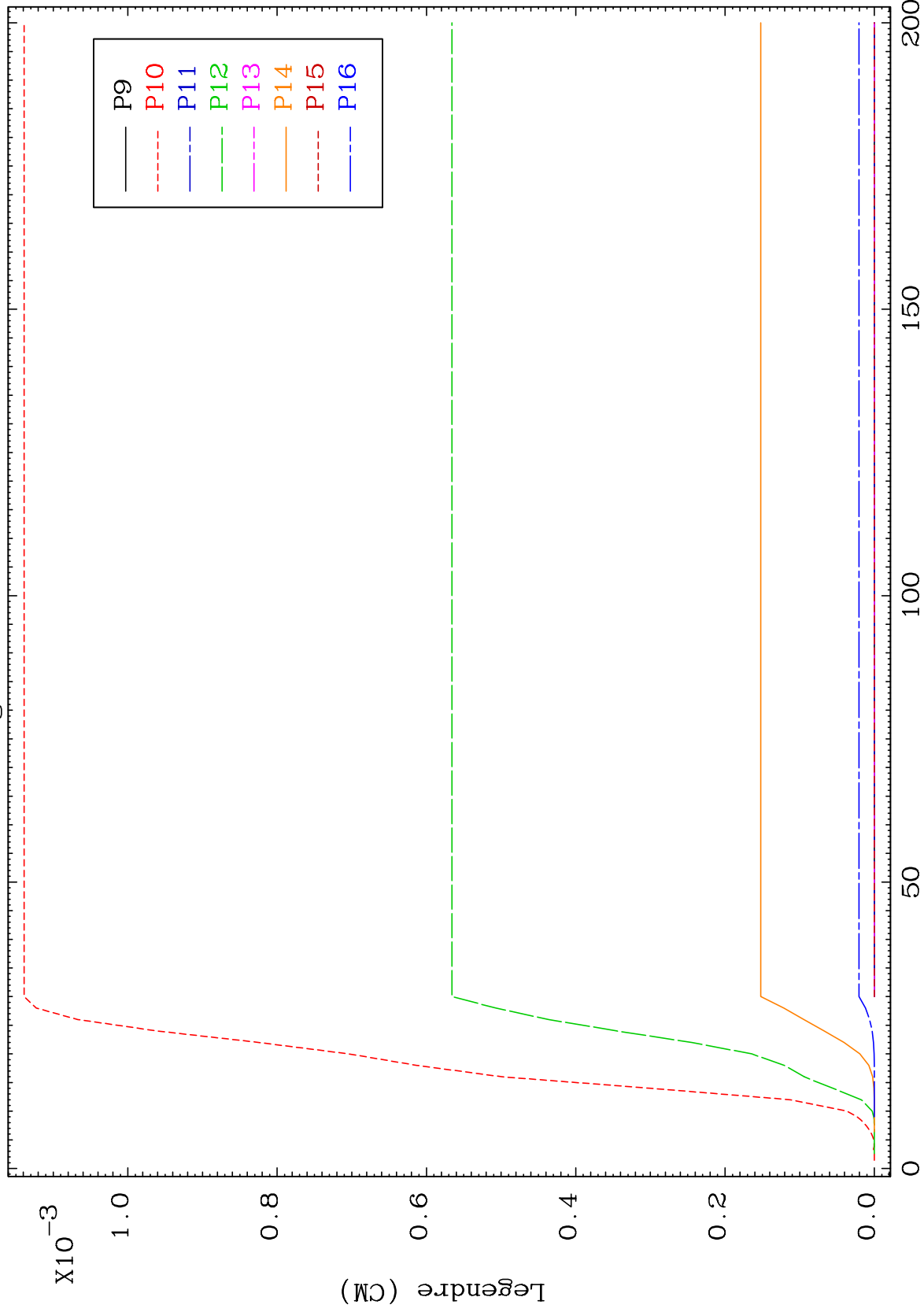
Incident Energy (MeV)

31-Ga-78

MAT 3152

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

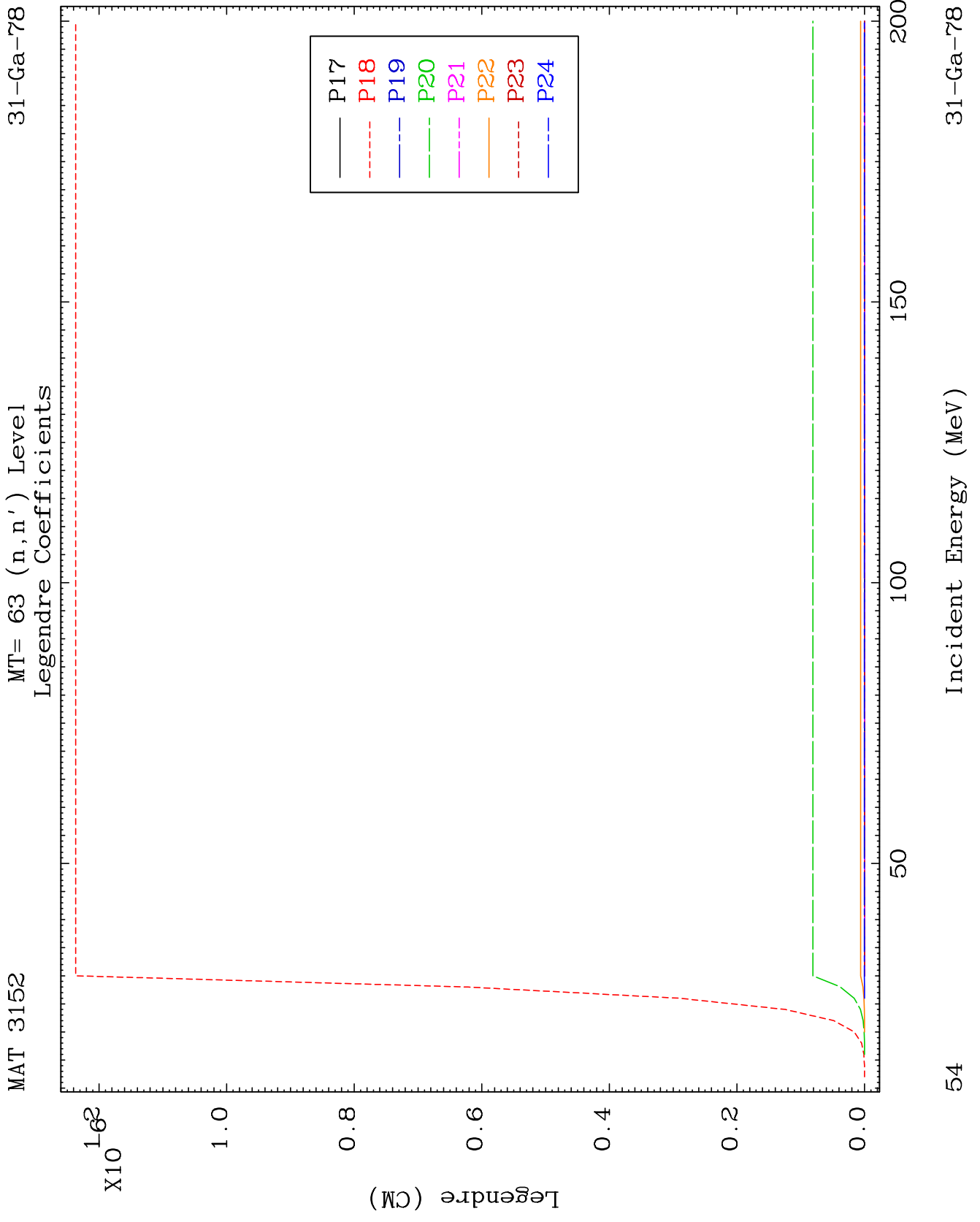
³¹Ga-78

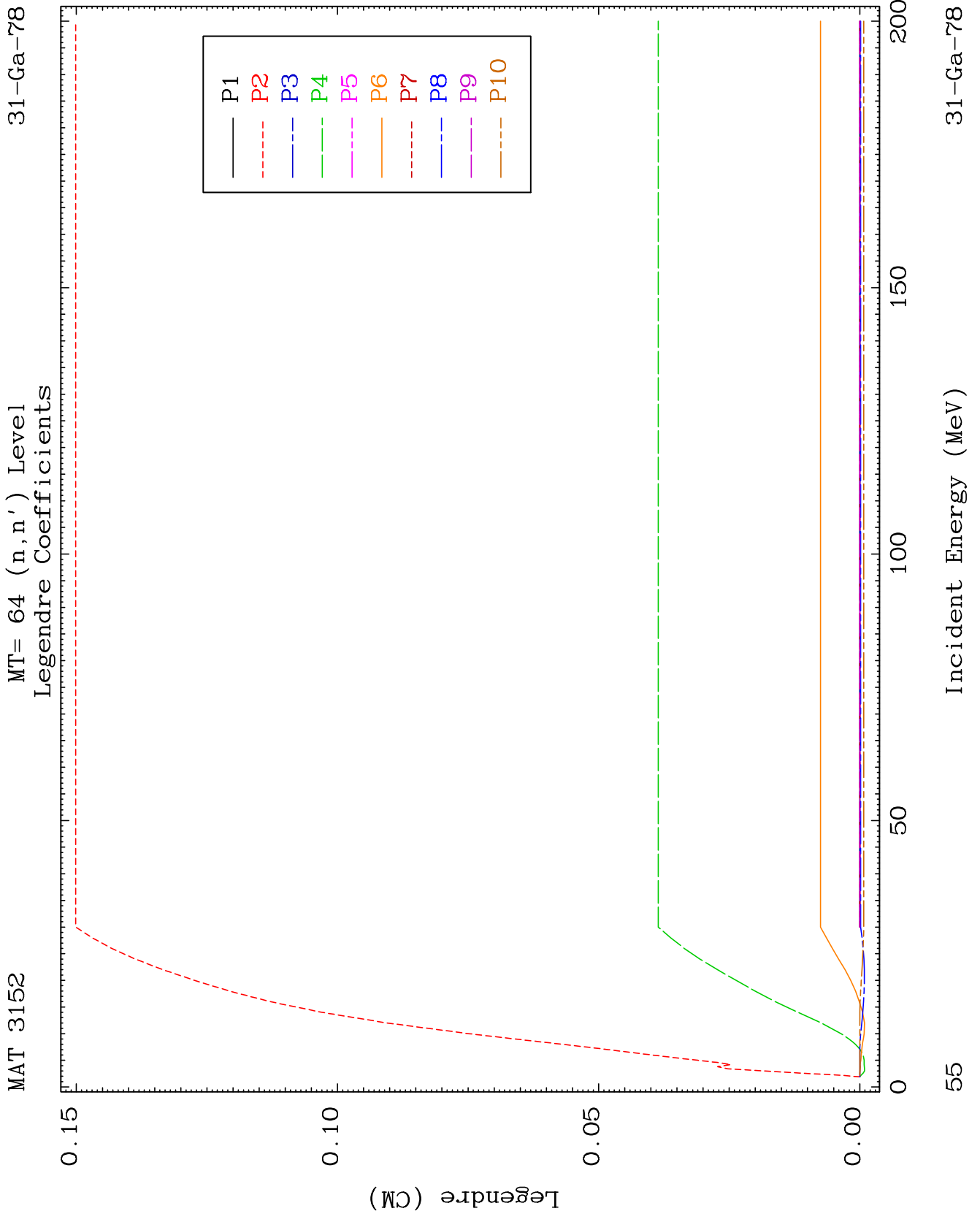


53

Incident Energy (MeV)

³¹Ga-78

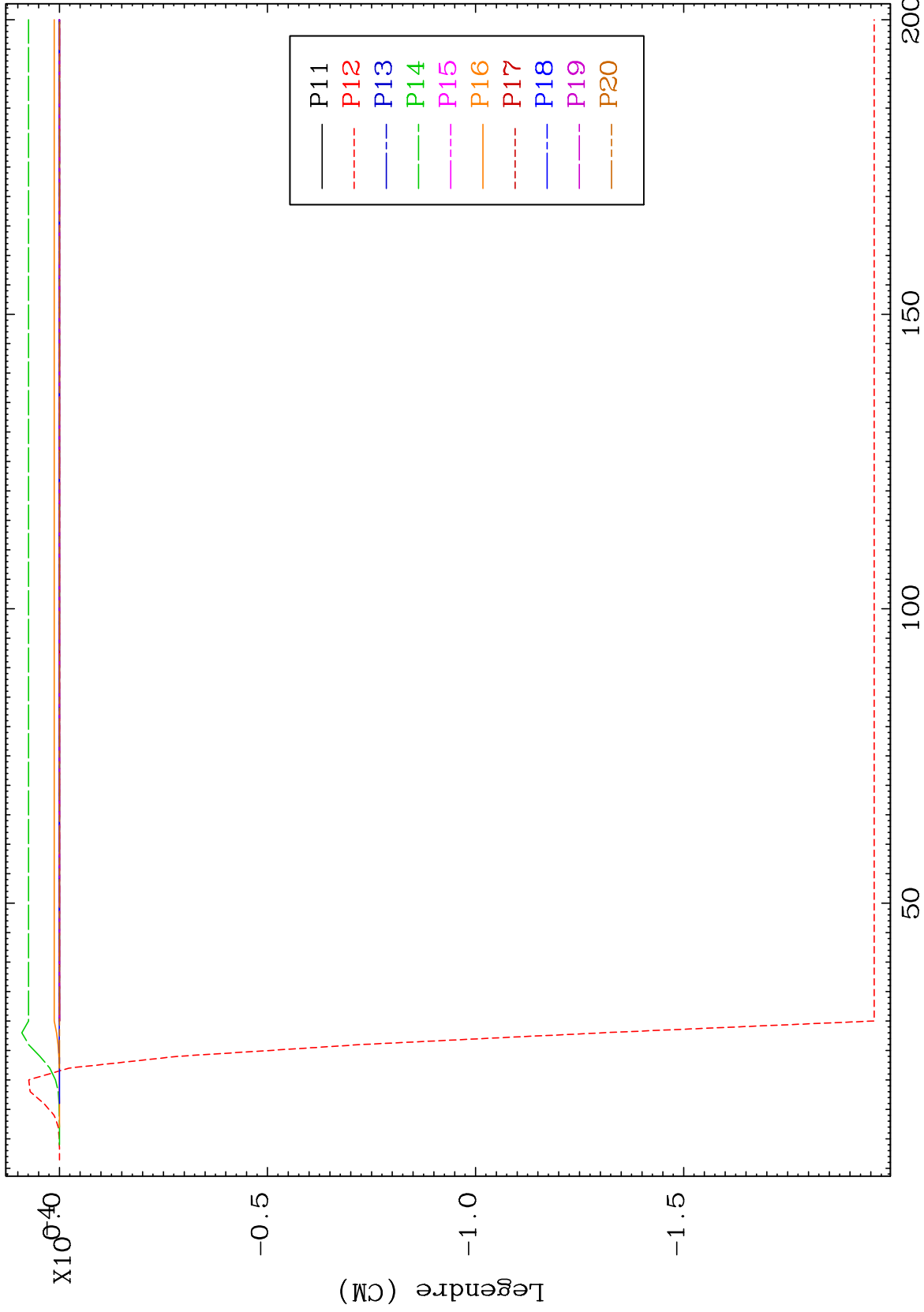




MAT 3152

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

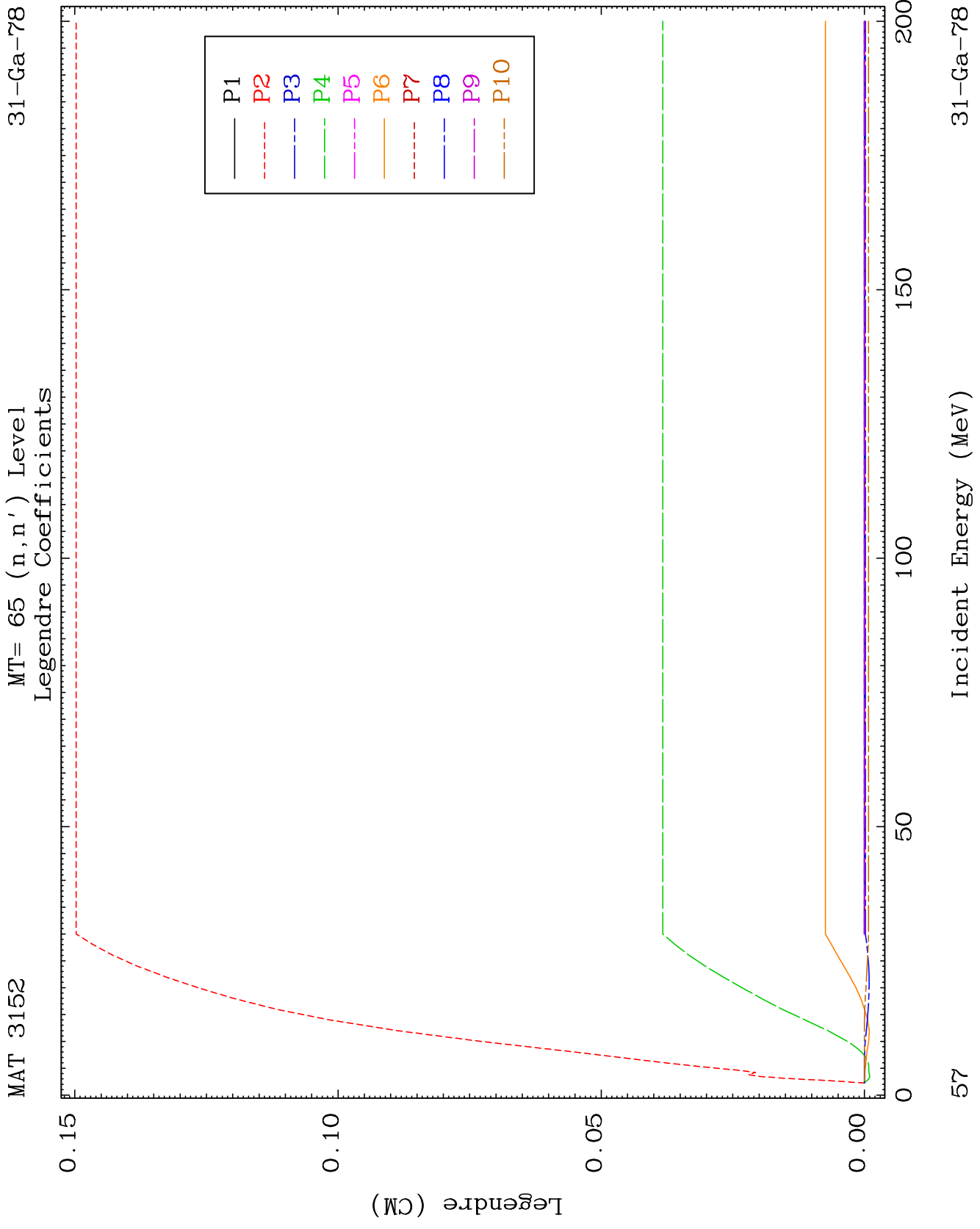
31-Ga-78



56

Incident Energy (MeV)

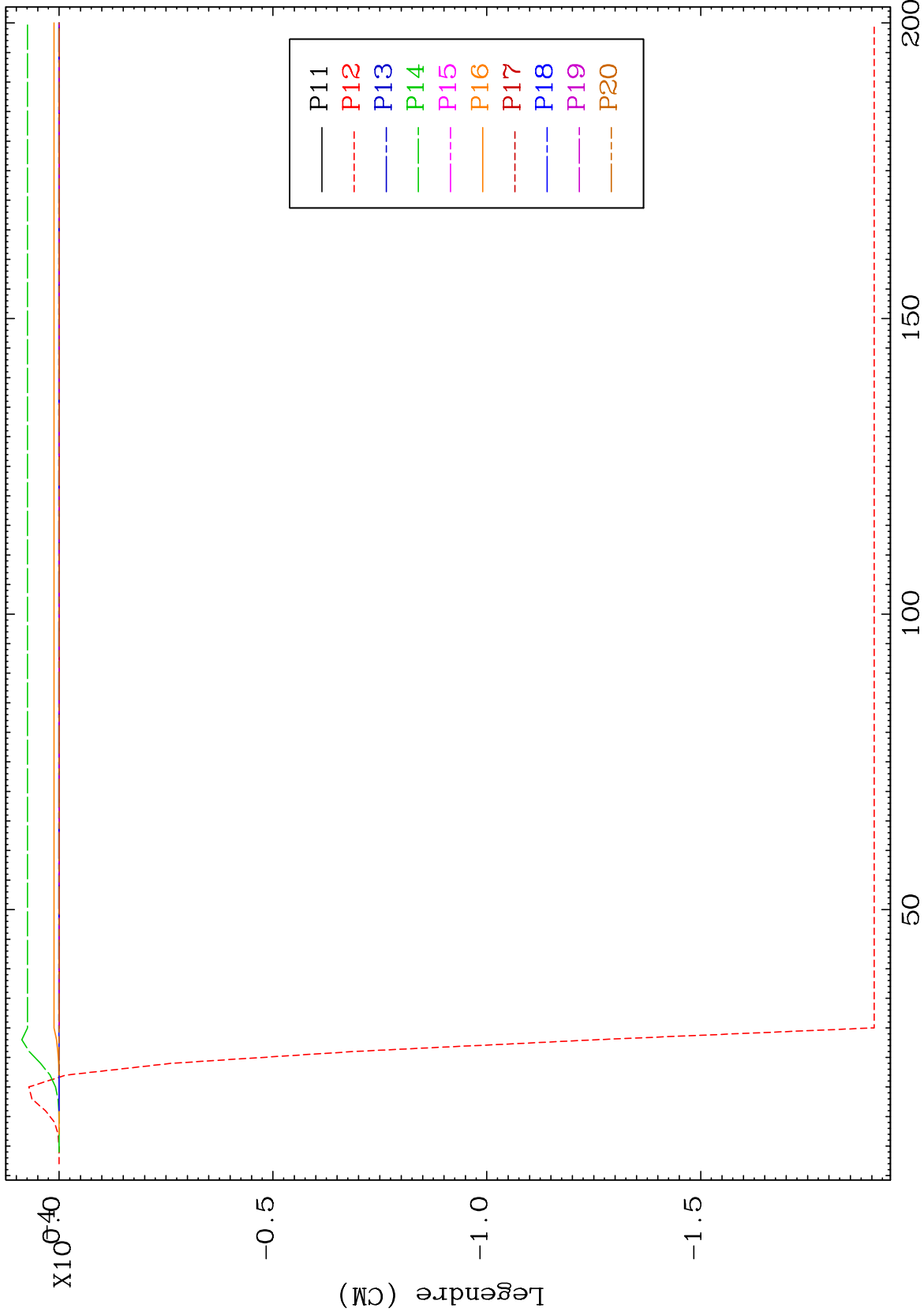
31-Ga-78



MAT 3152

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

31-Ga-78



58

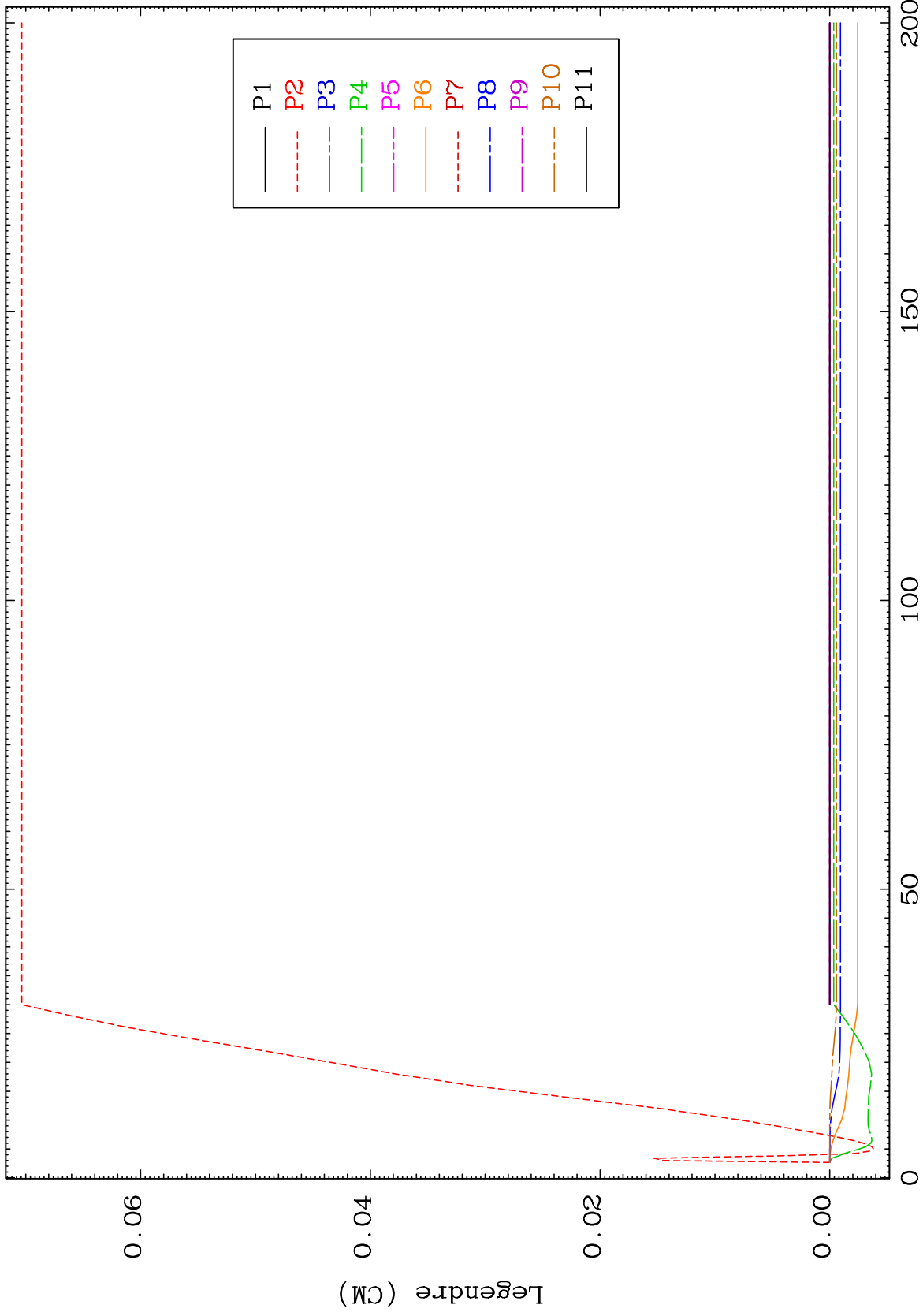
Incident Energy (MeV)

31-Ga-78

MAT 3152

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

31-Ga-78



59

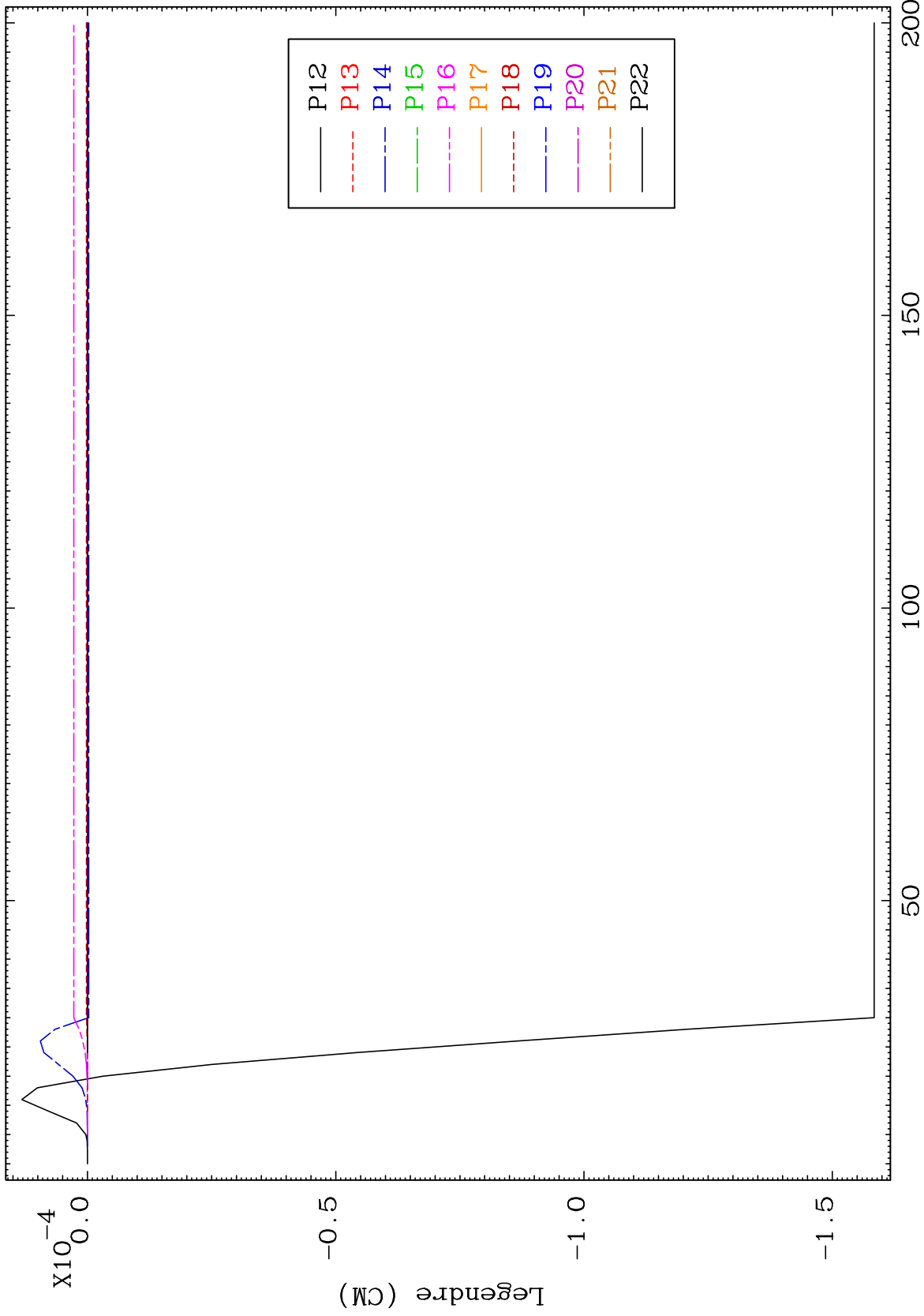
Incident Energy (MeV)

31-Ga-78

MAT 3152

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

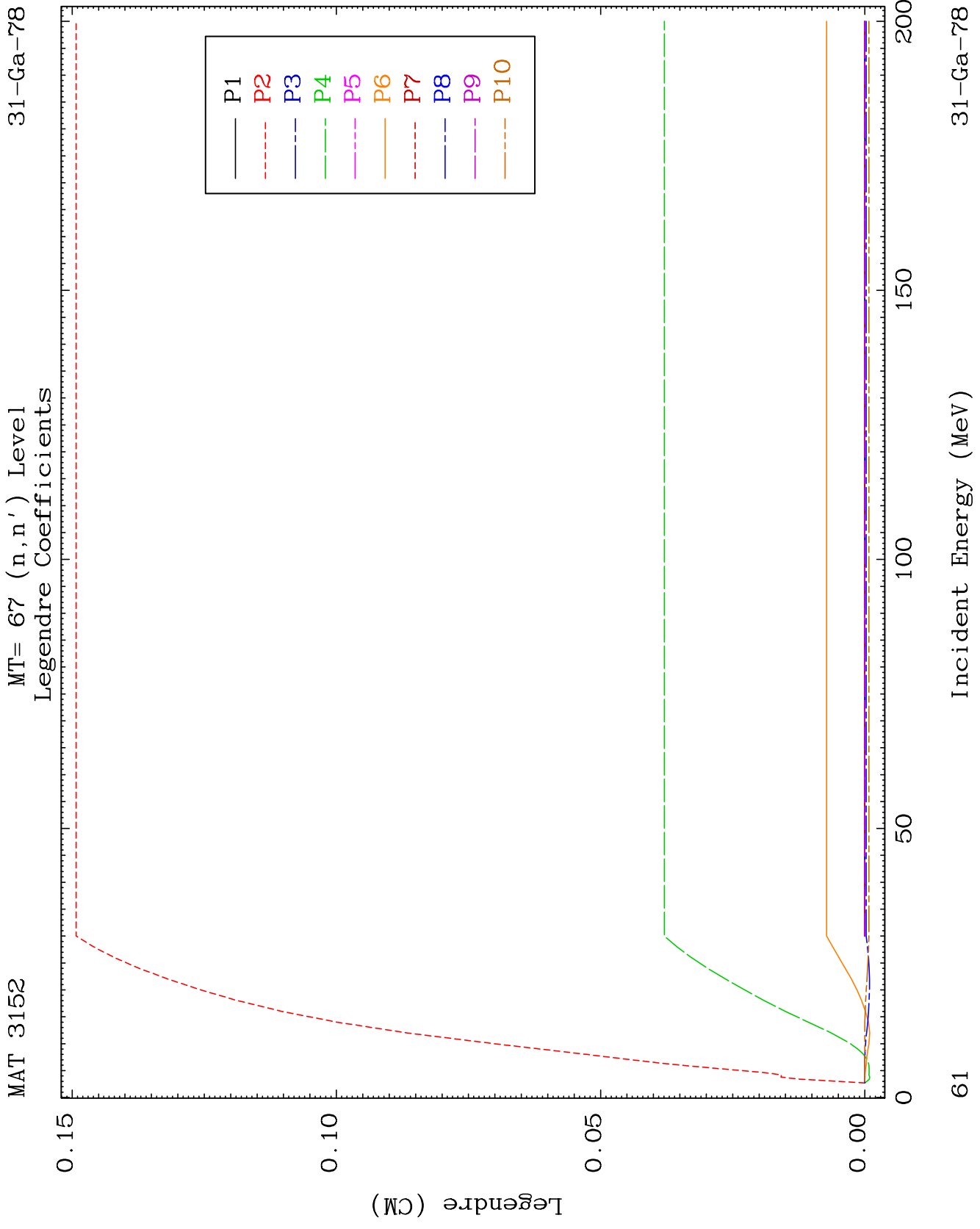
31-Ga-78



60

Incident Energy (MeV)

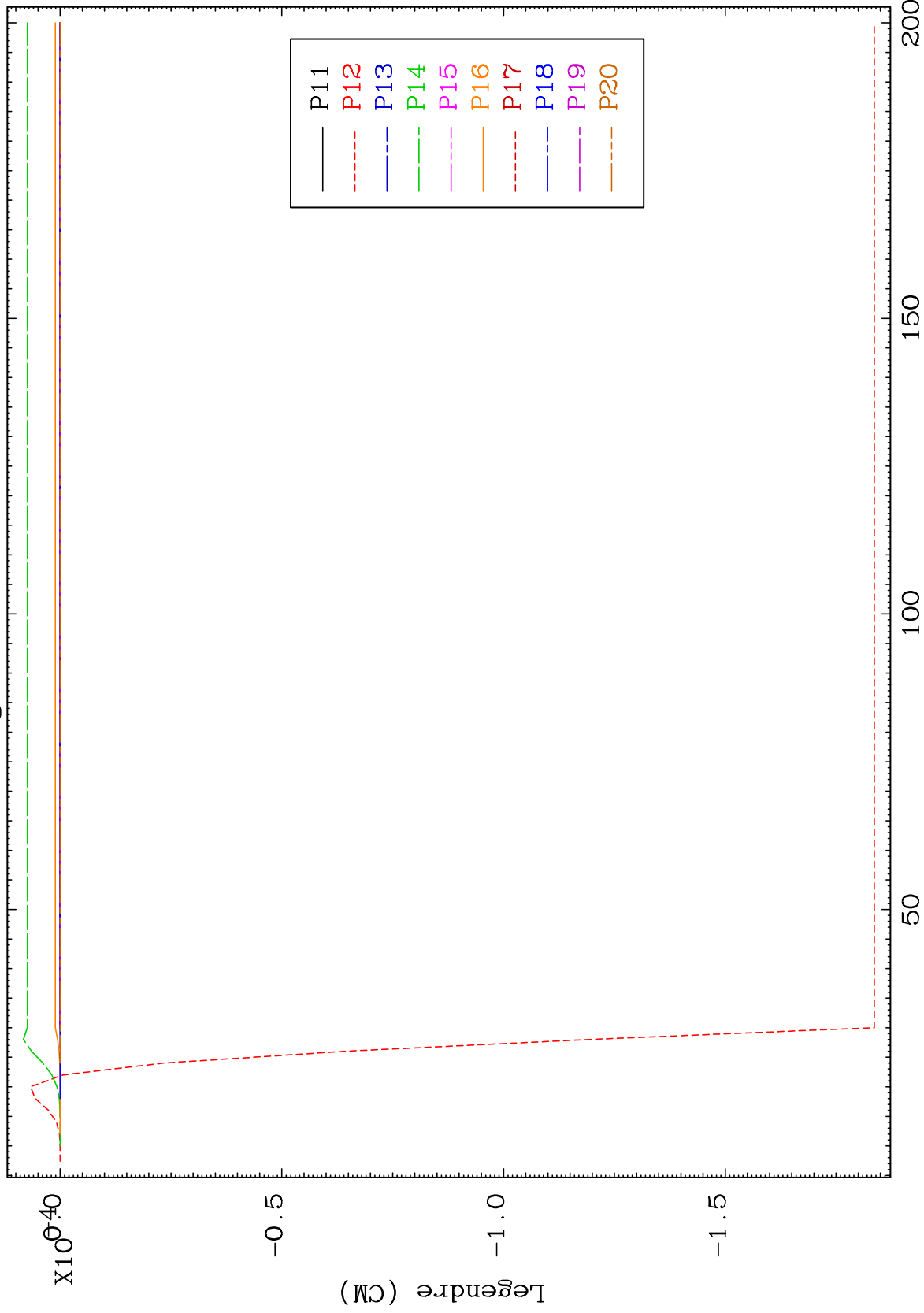
31-Ga-78



MAT 3152

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

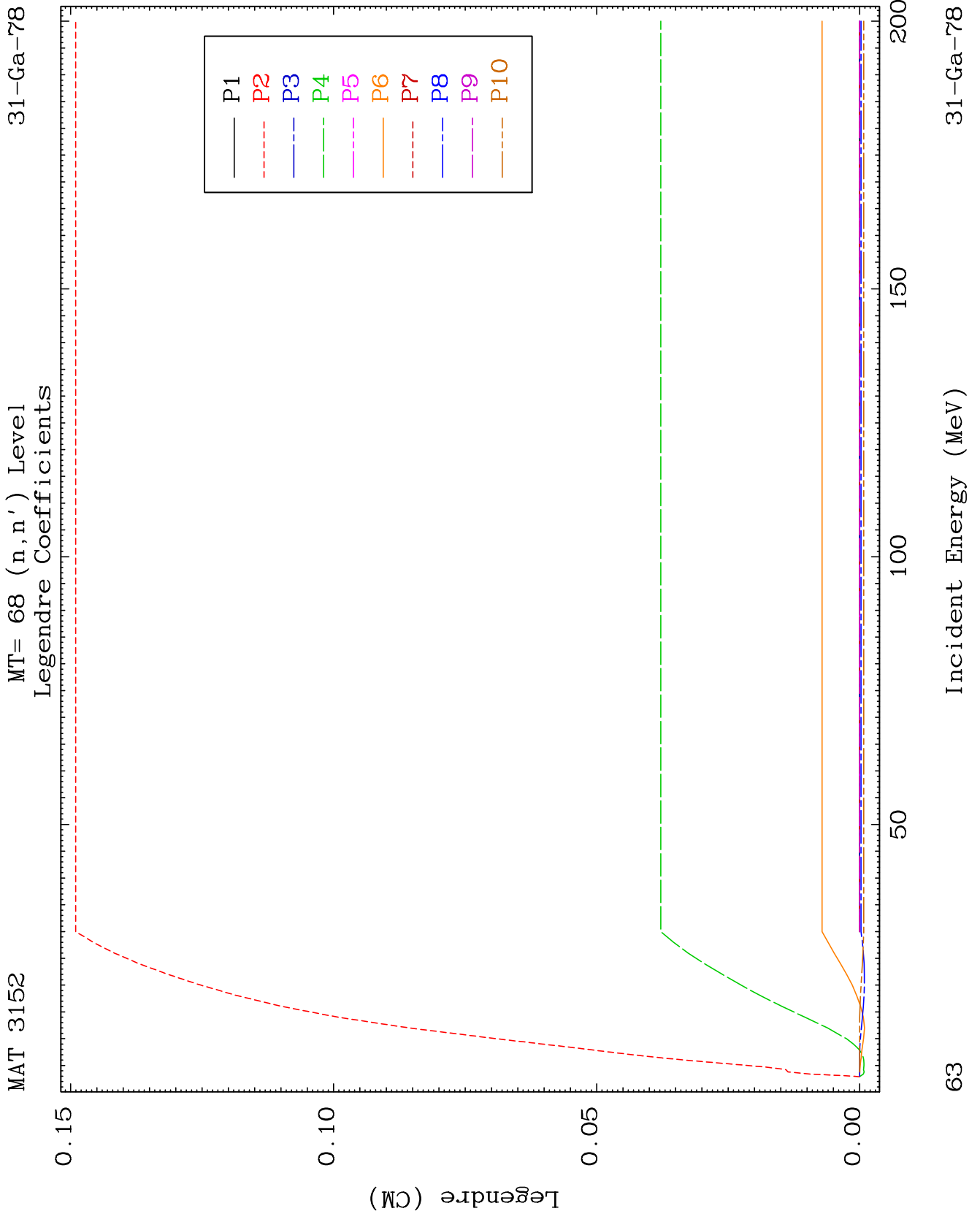
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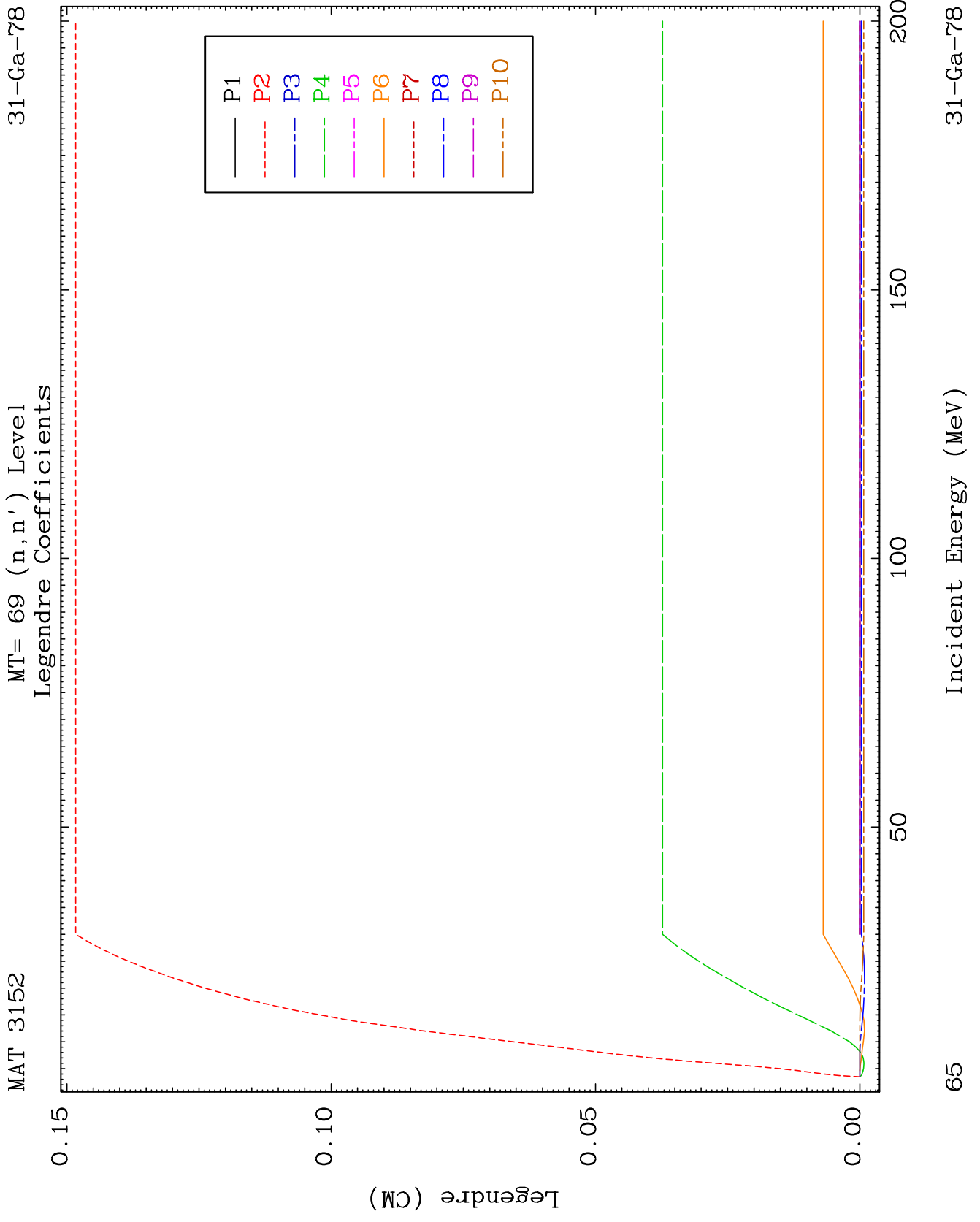


62

Incident Energy (MeV)

31-Ga-78

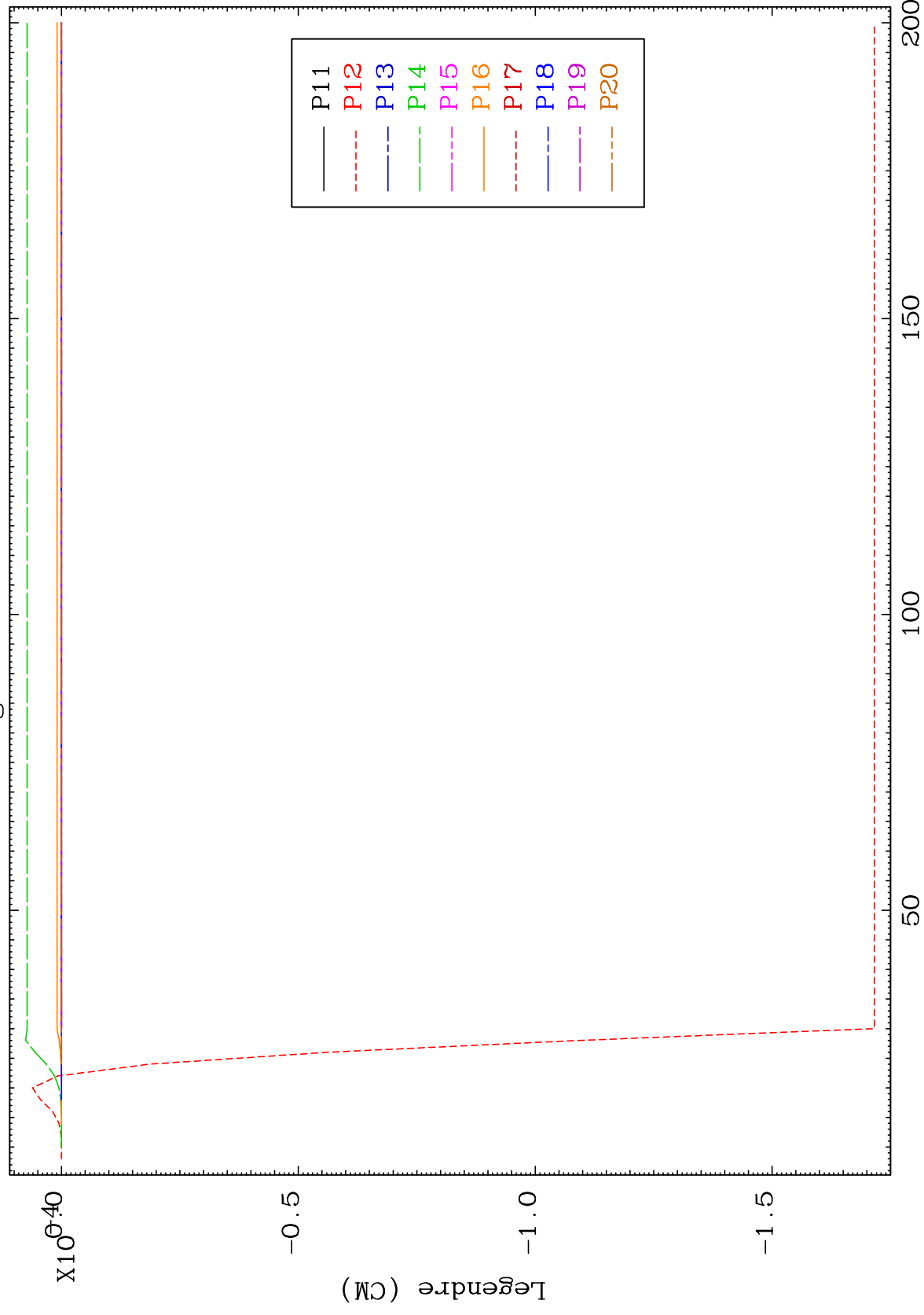




MAT 3152

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

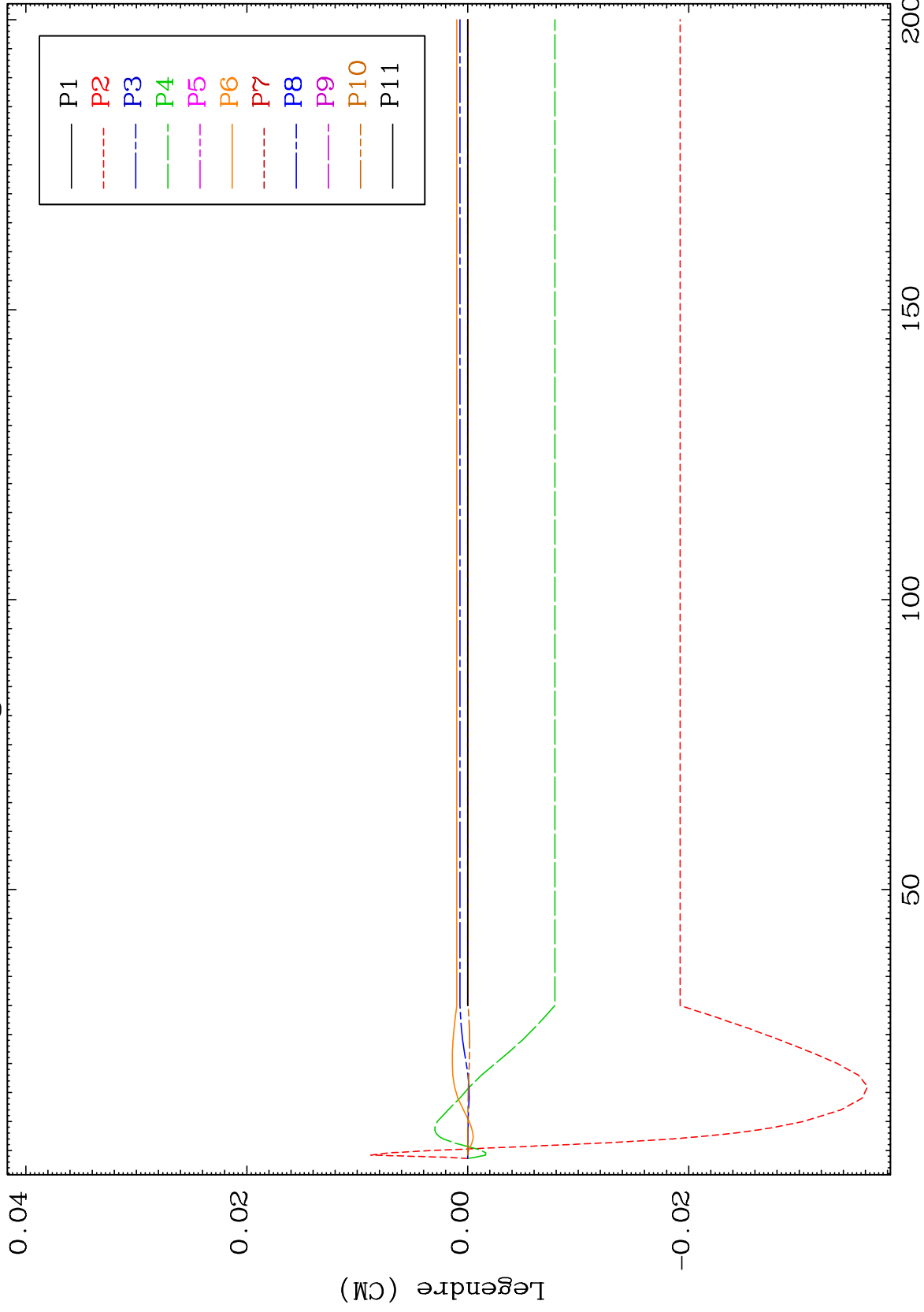
31-Ga-78



MAT 3152

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

31-Ga-78



69

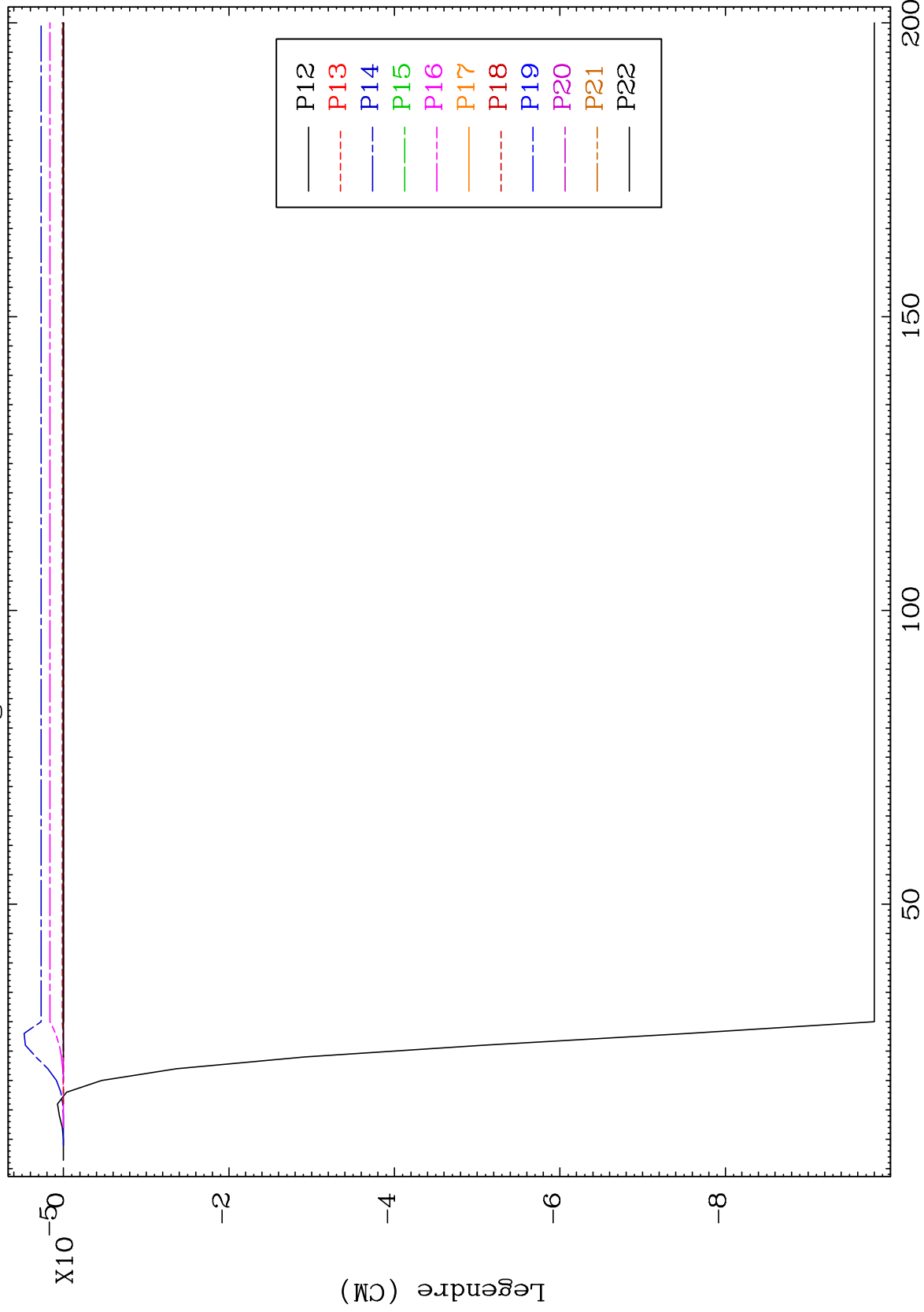
Incident Energy (MeV)

31-Ga-78

MAT 3152

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

31-Ga-78



70

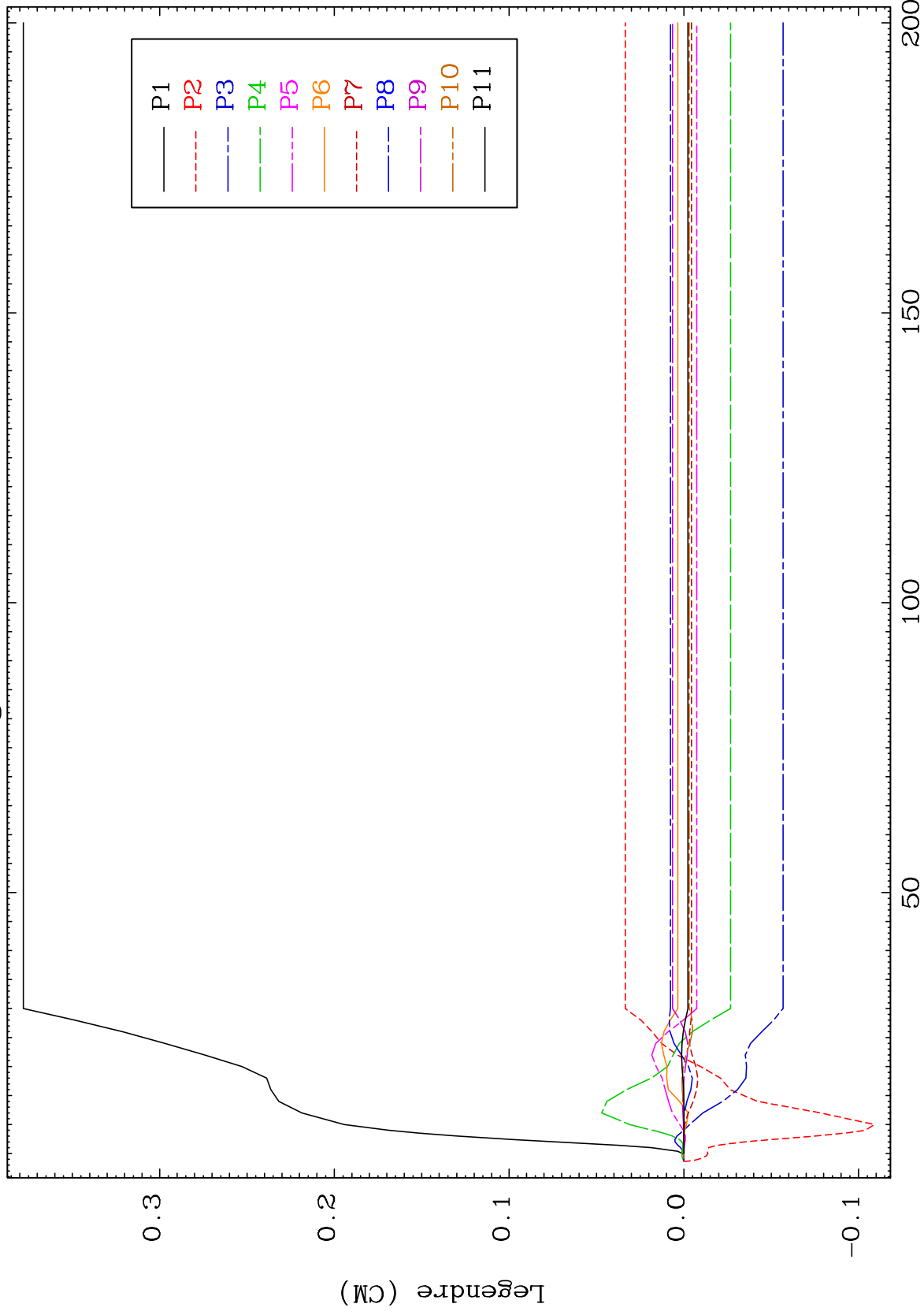
Incident Energy (MeV)

31-Ga-78

MAT 3152

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

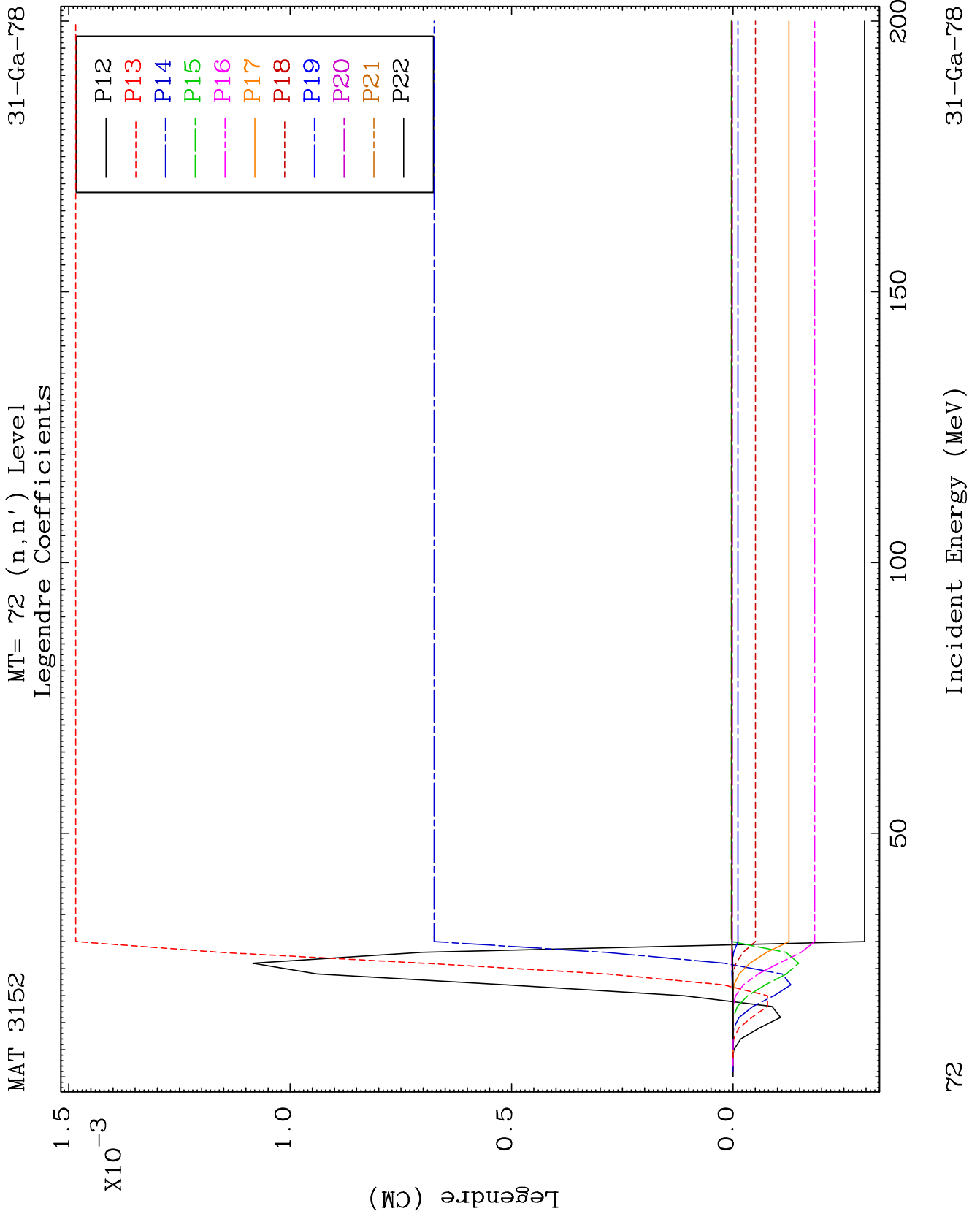
31-Ga-78



71

Incident Energy (MeV)

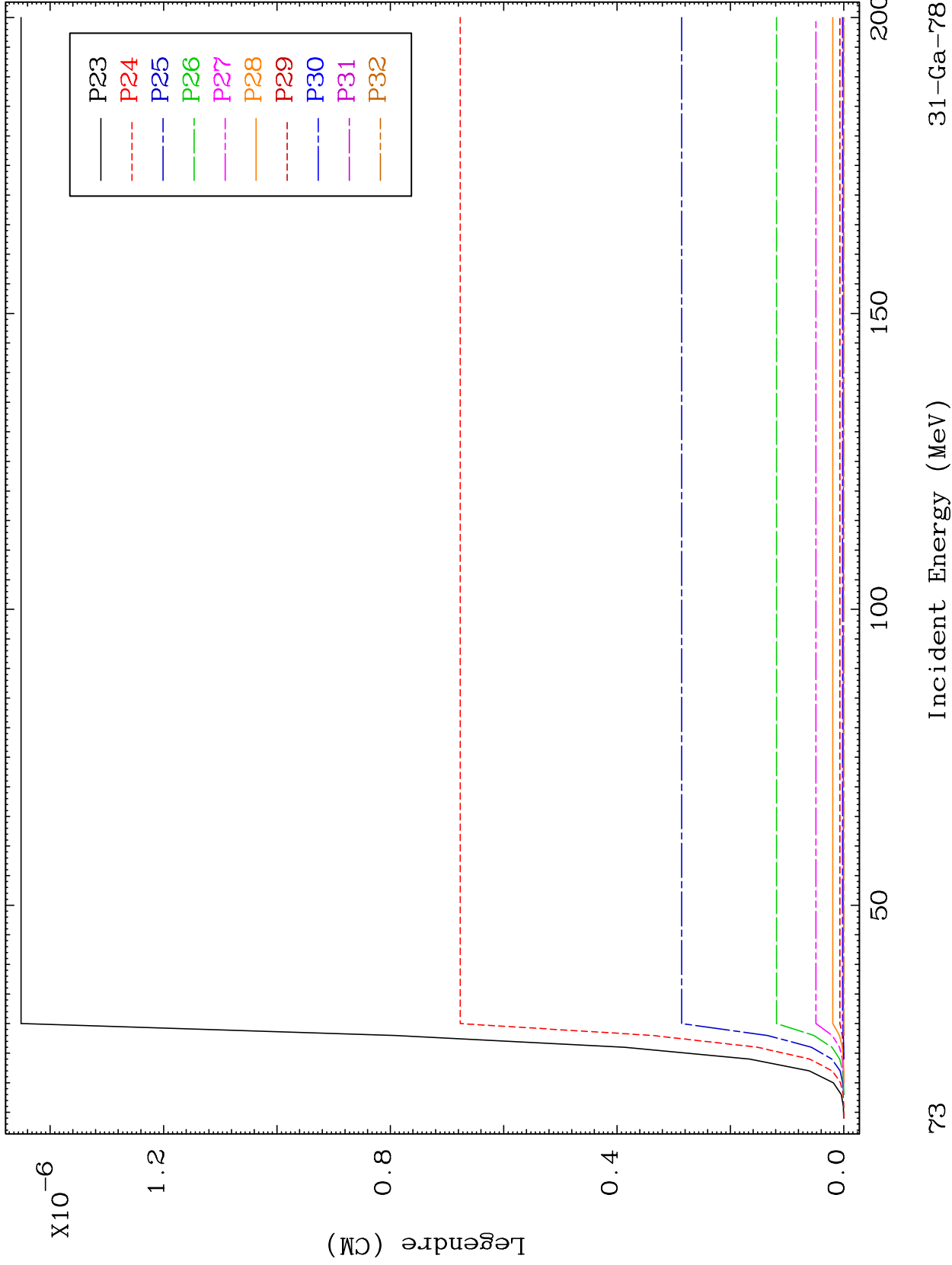
31-Ga-78



MAT 3152

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

31-Ga-78



73

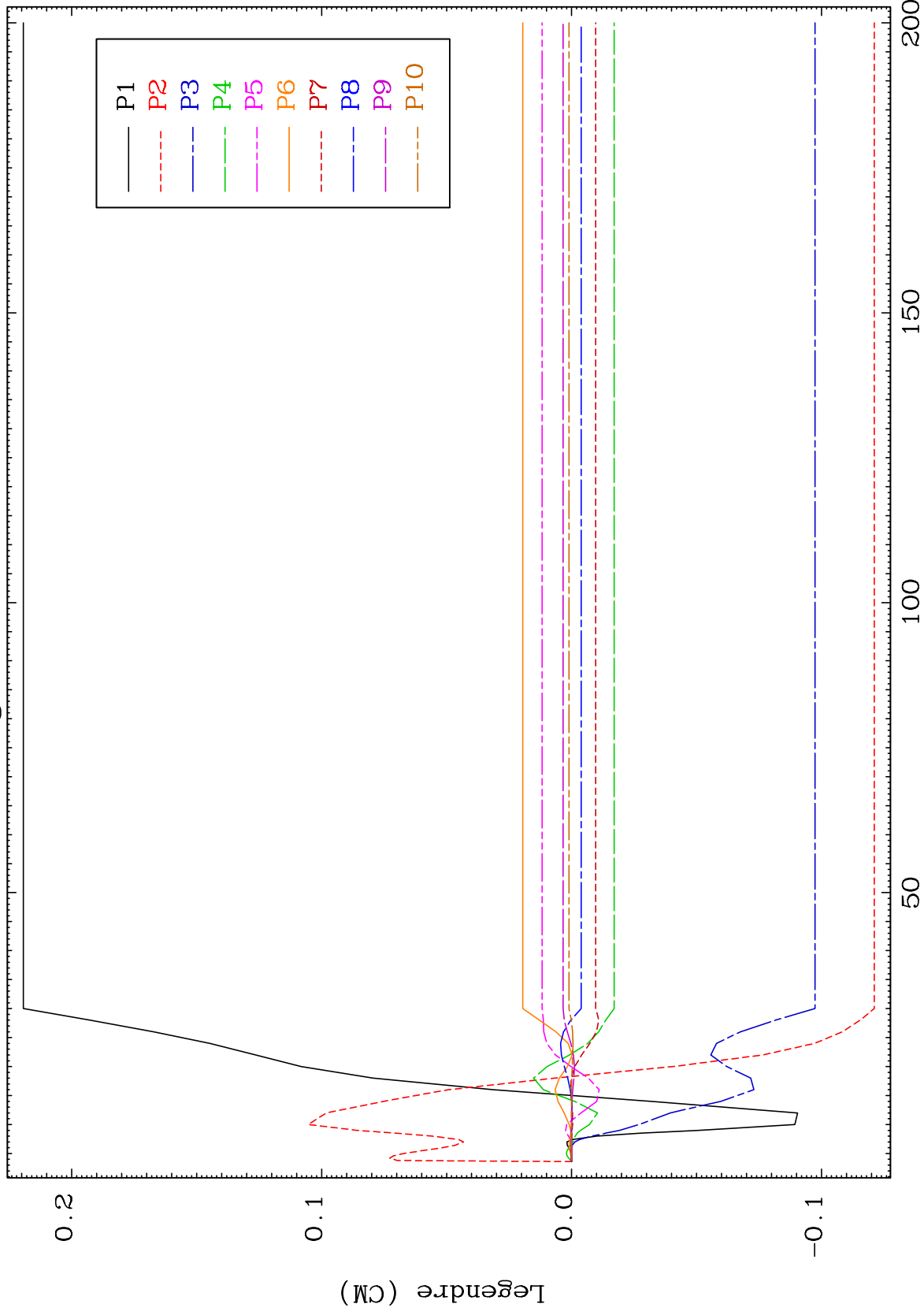
Incident Energy (MeV)

31-Ga-78

MAT 3152

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

31-Ga-78



74

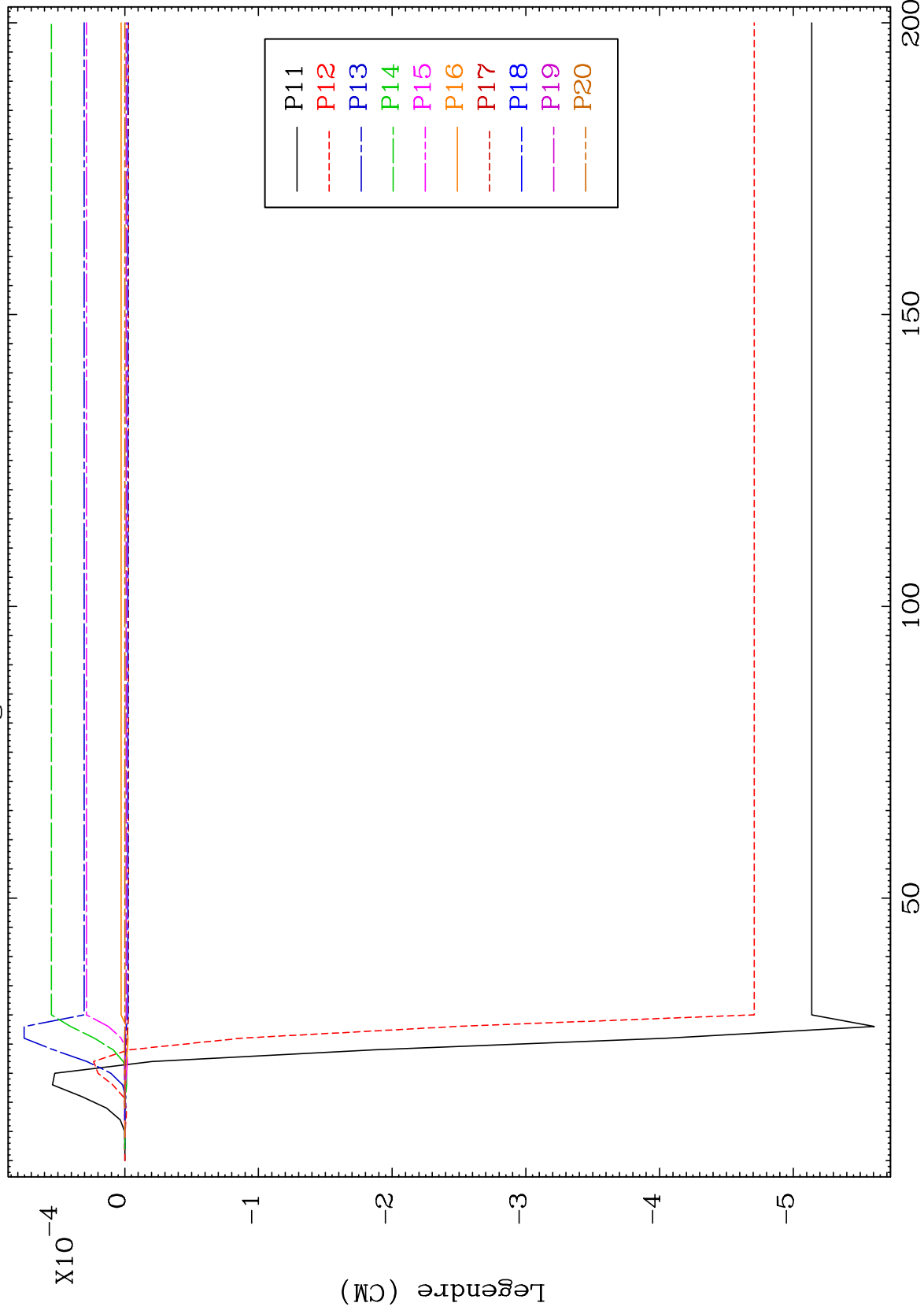
Incident Energy (MeV)

31-Ga-78

MAT 3152

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

31-Ga-78



75

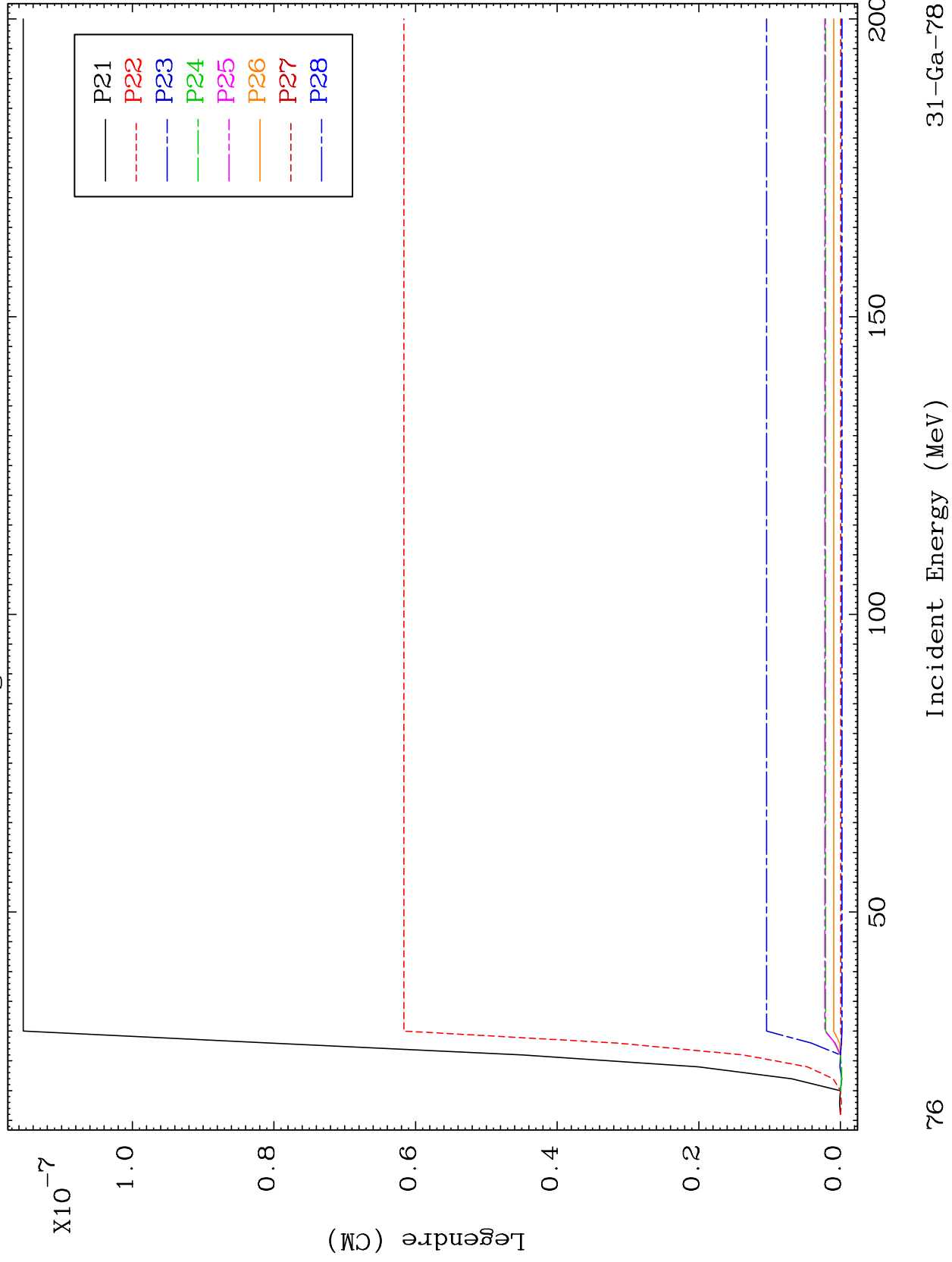
Incident Energy (MeV)

31-Ga-78

MAT 3152

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

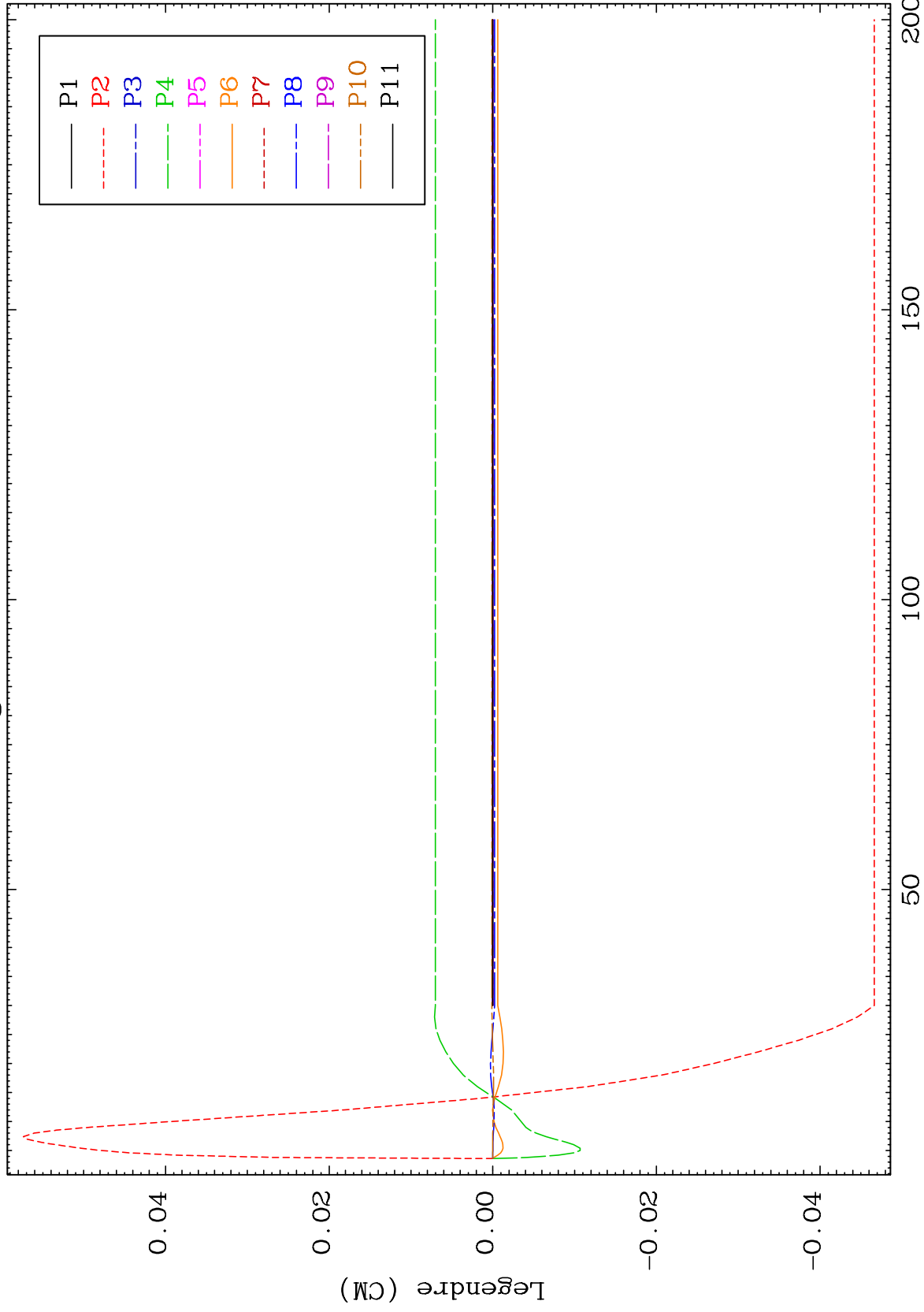
31-Ga-78



MAT 3152

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

31-Ga-78



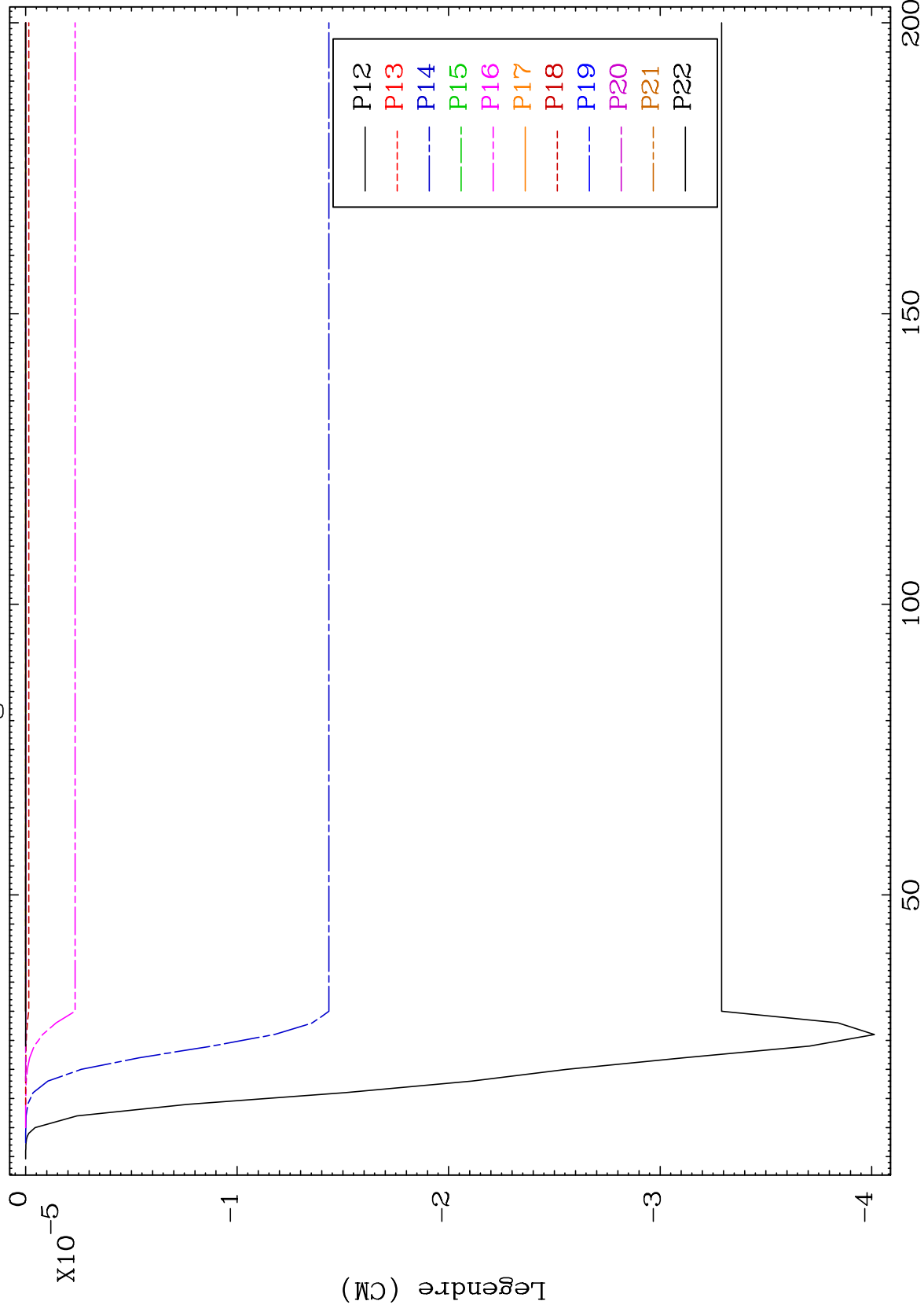
77

31-Ga-78

MAT 3152

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

31-Ga-78



78

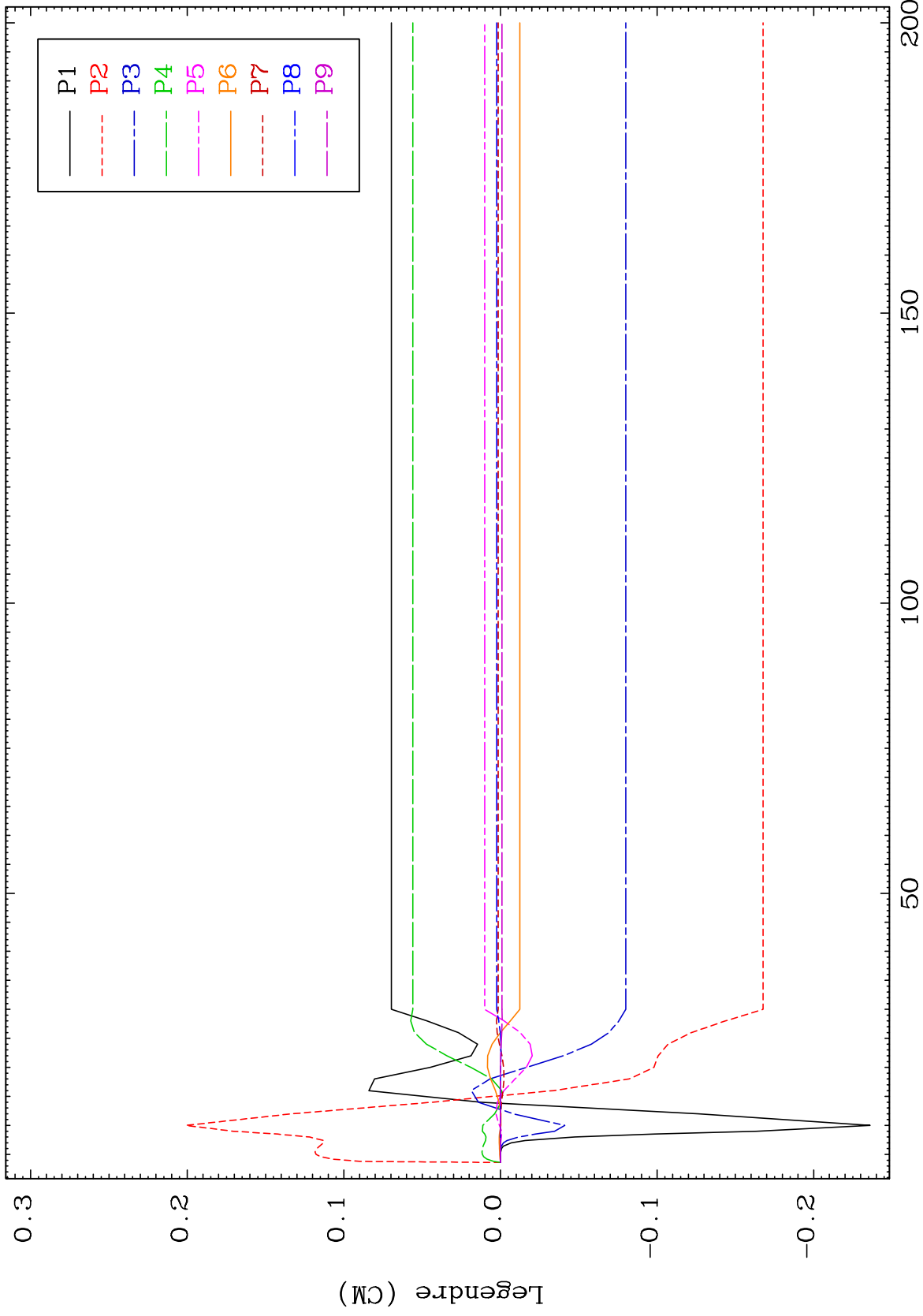
Incident Energy (MeV)

31-Ga-78

MAT 3152

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

31-Ga-78



79

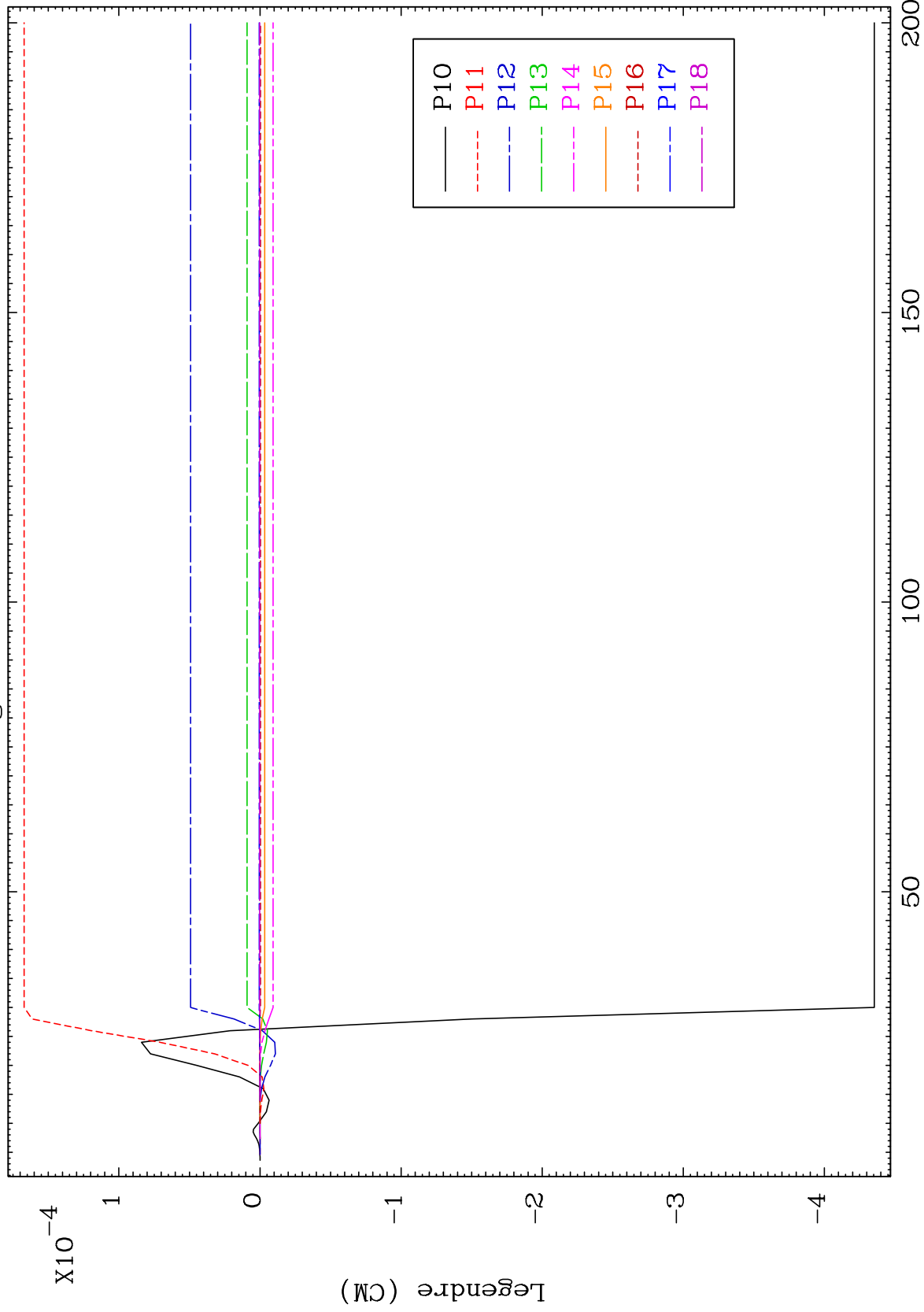
Incident Energy (MeV)

31-Ga-78

MAT 3152

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

31-Ga-78



80

Incident Energy (MeV)

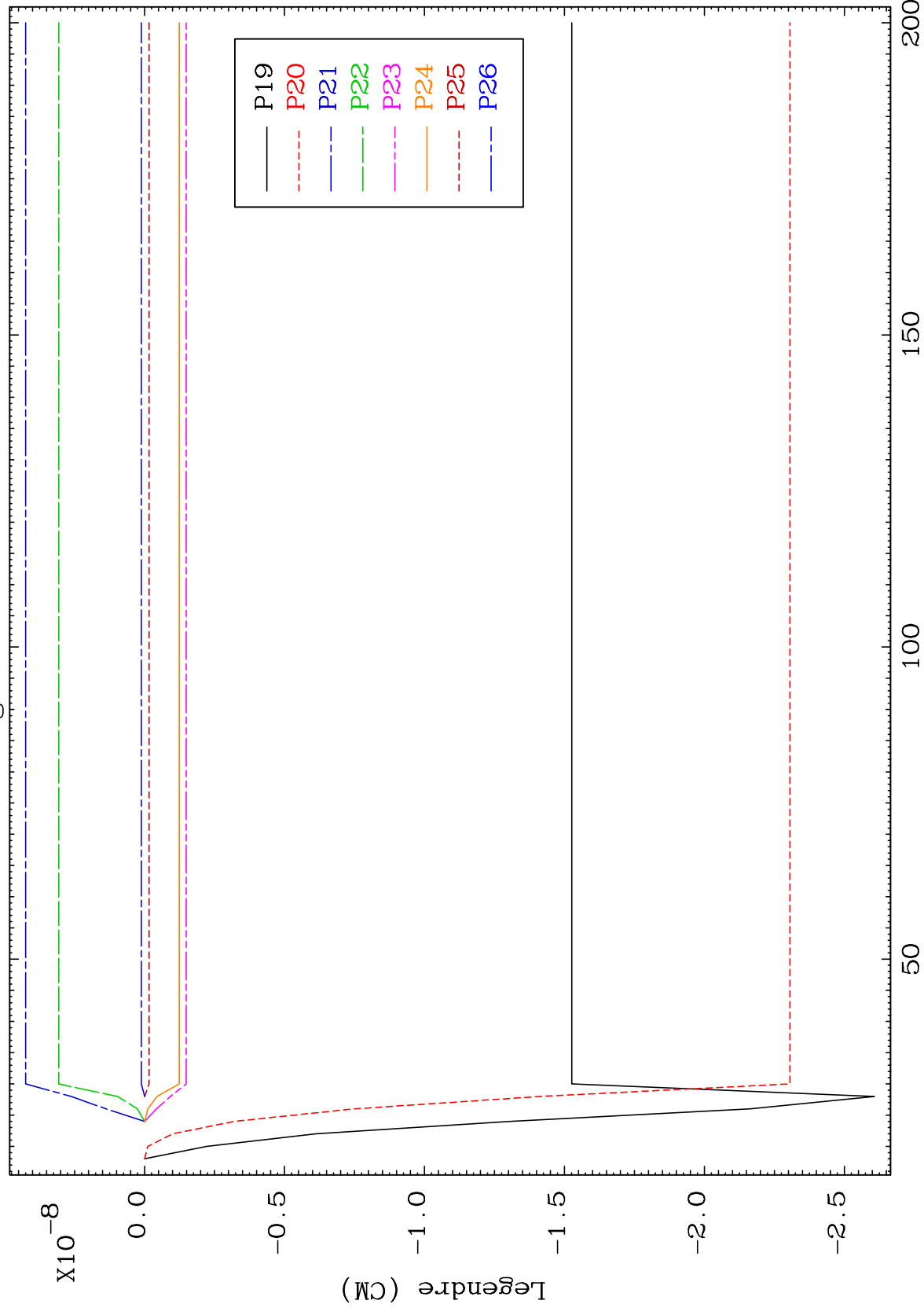
50

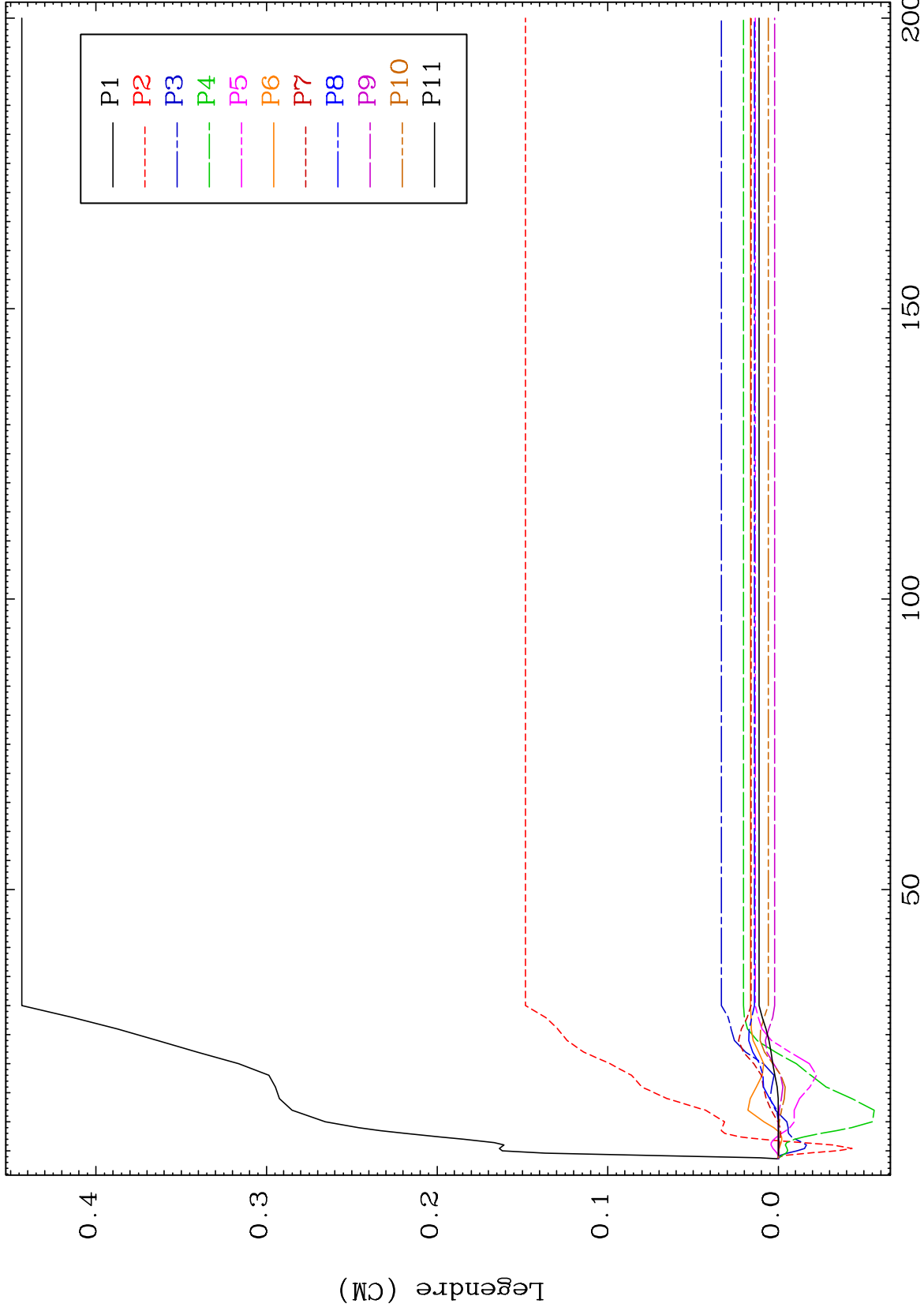
100

150

200

31-Ga-78

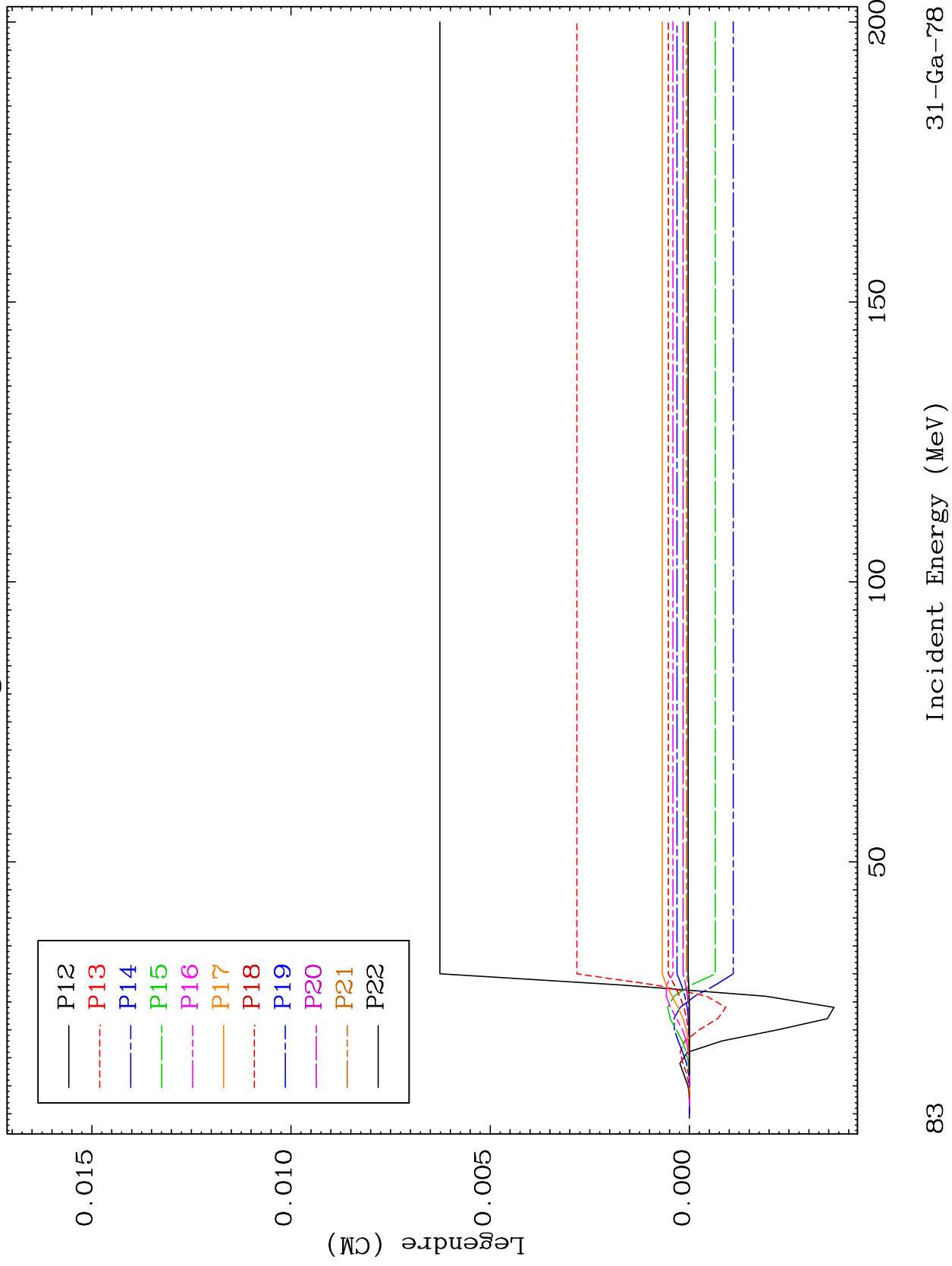




MAT 3152

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

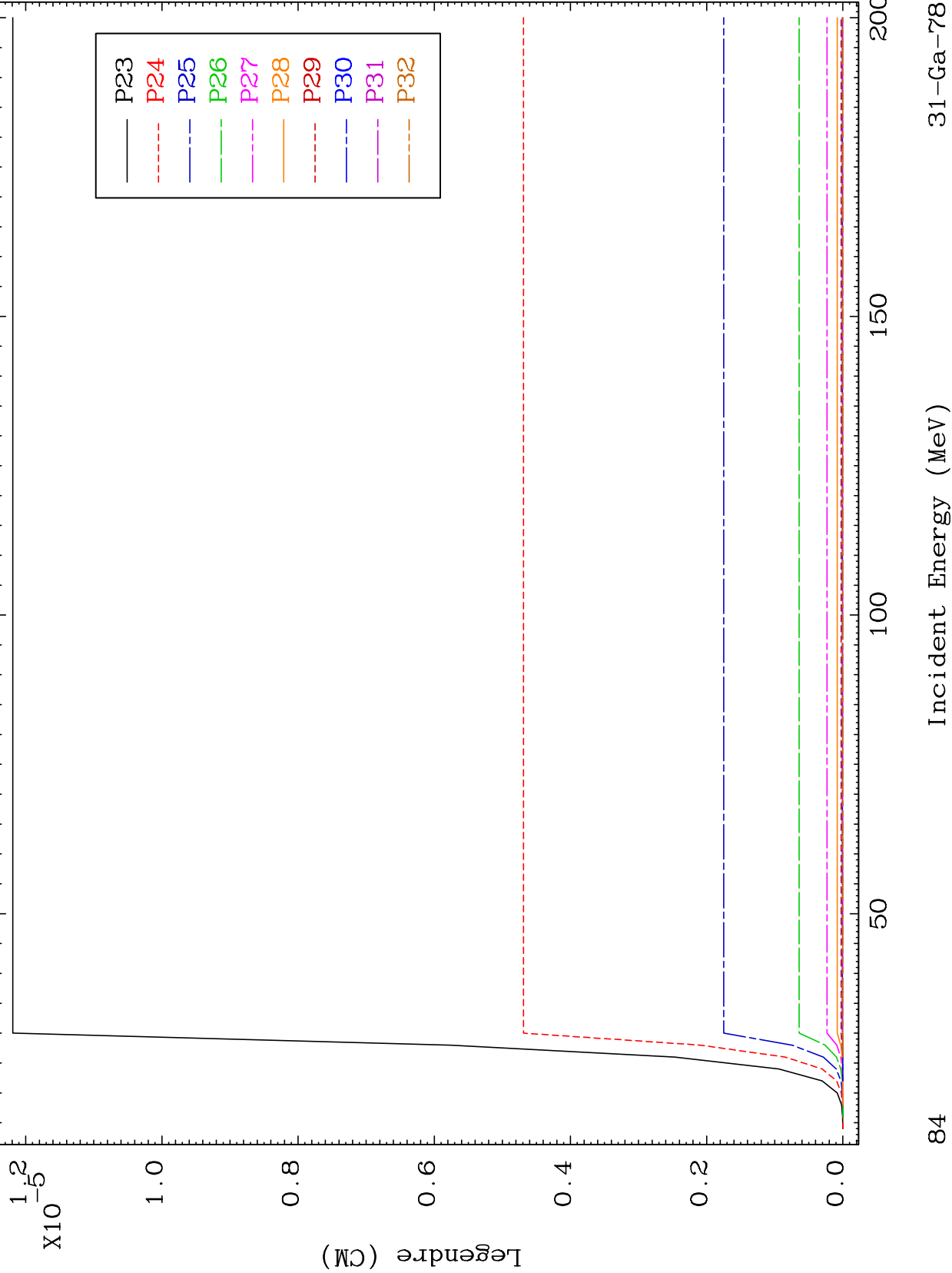
31-Ga-78



MAT 3152

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

31-Ga-78



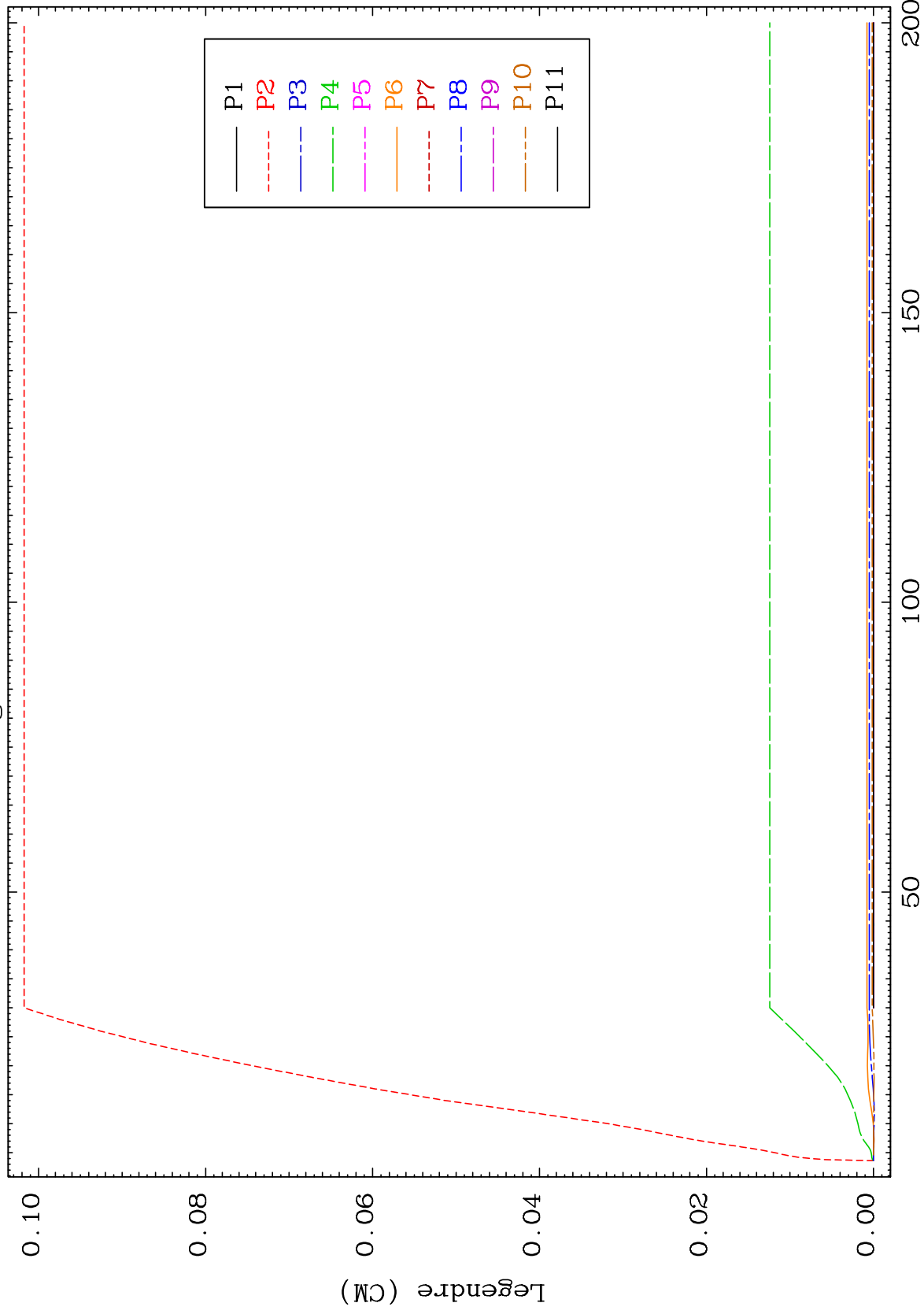
84

31-Ga-78

MAT 3152

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

31-Ga-78



85

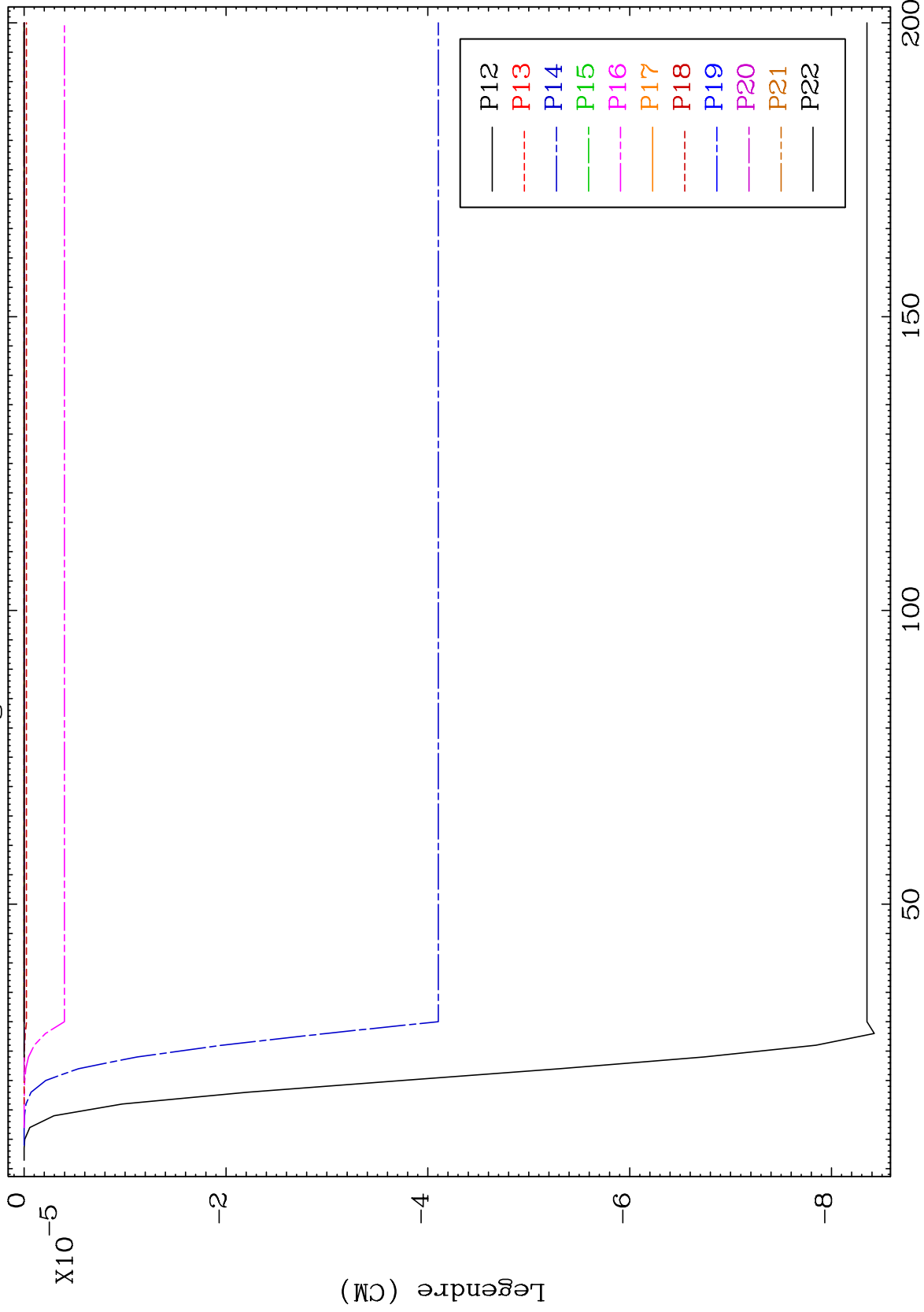
Incident Energy (MeV)

31-Ga-78

MAT 3152

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

31-Ga-78



86

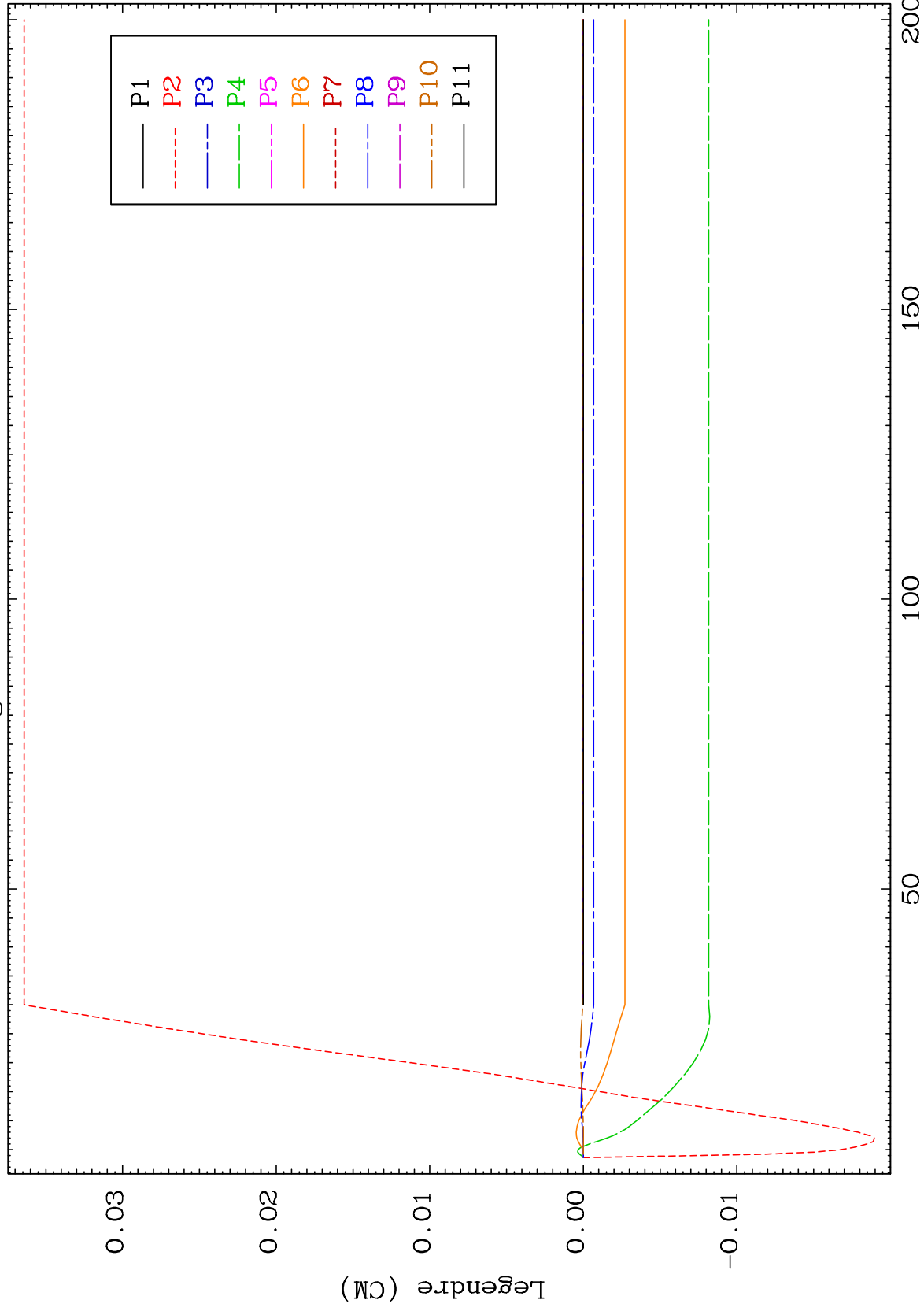
Incident Energy (MeV)

31-Ga-78

MAT 3152

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

31-Ga-78



87

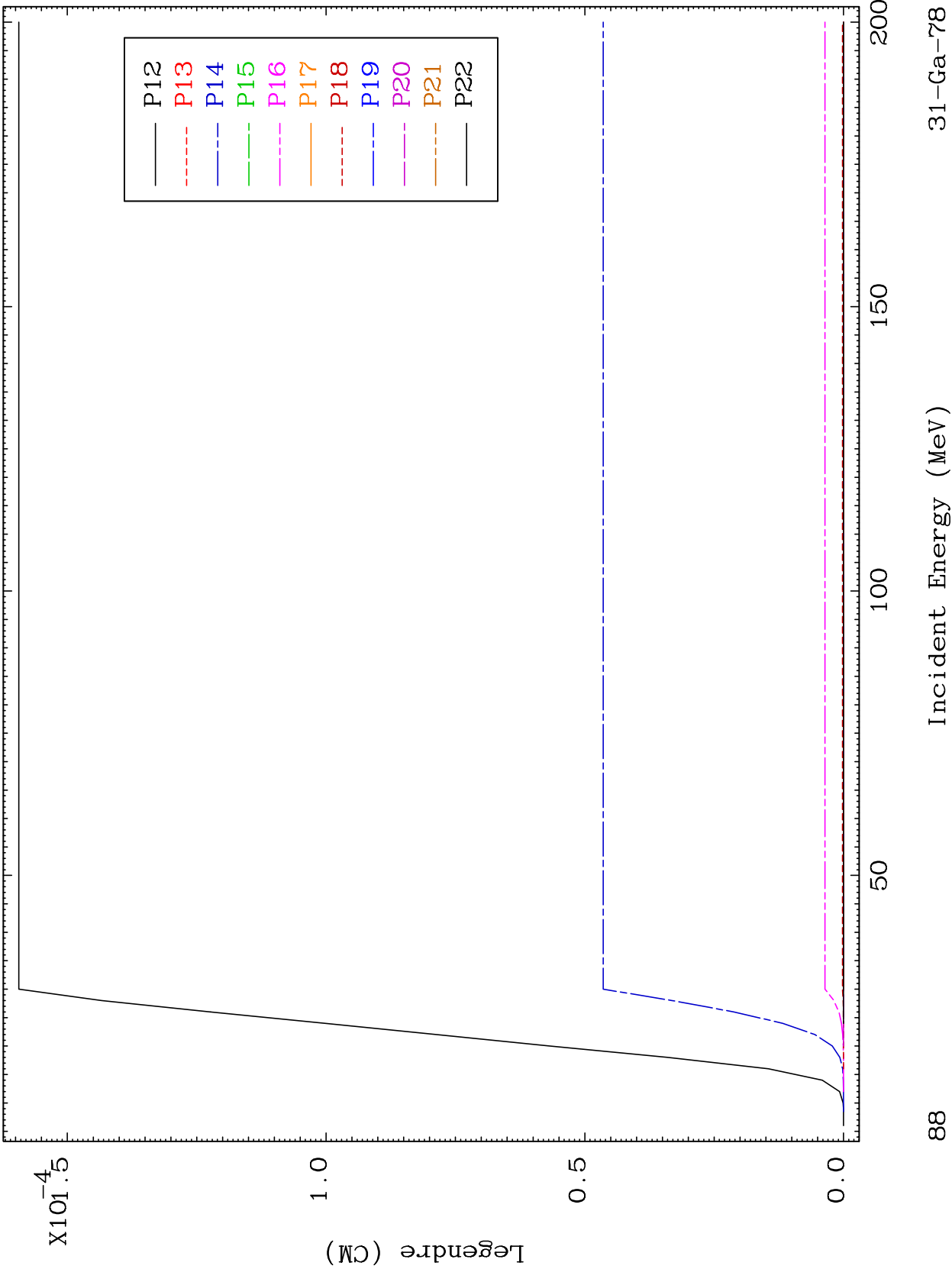
Incident Energy (MeV)

31-Ga-78

MAT 3152

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

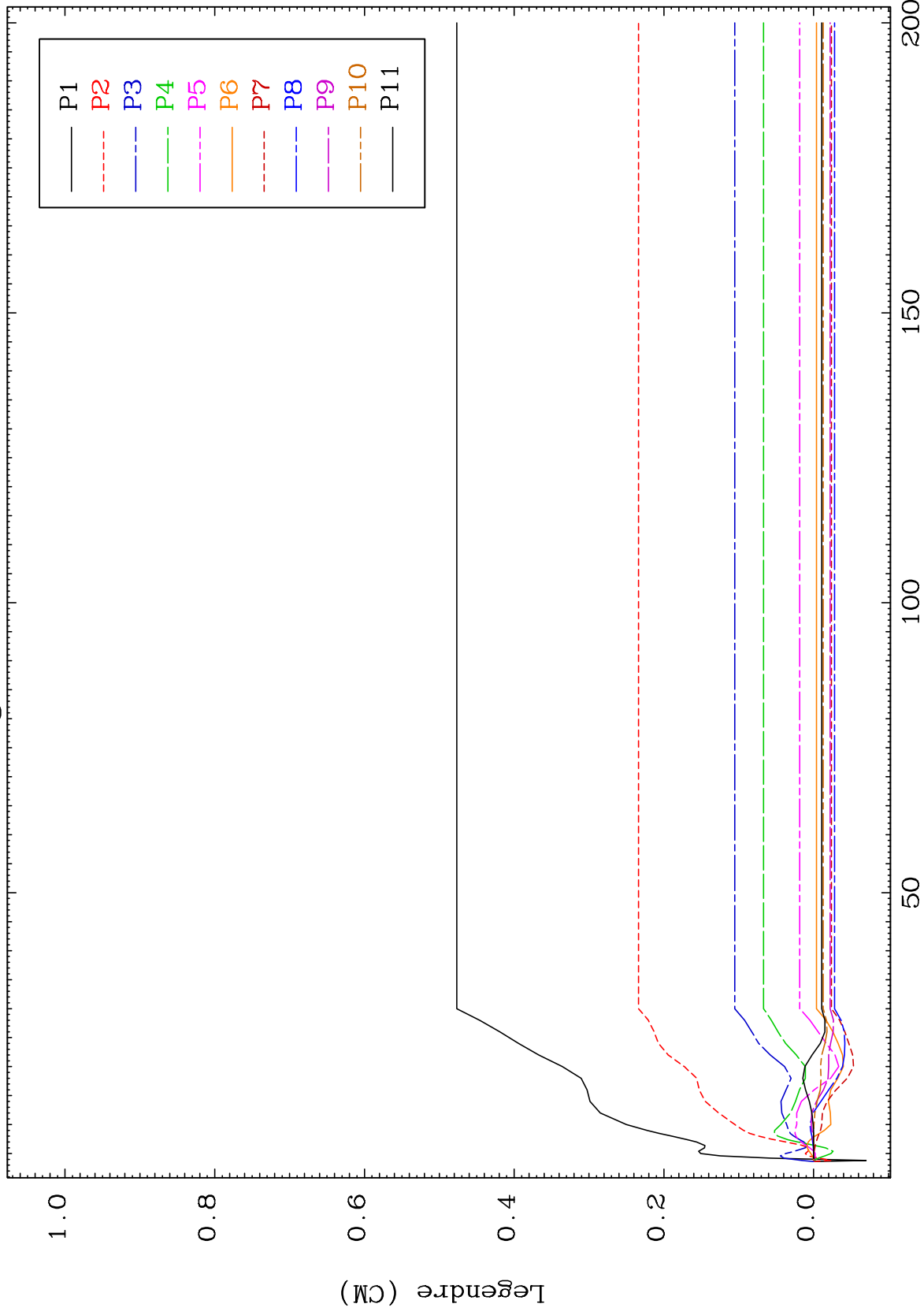
31-Ga-78



88

Incident Energy (MeV)

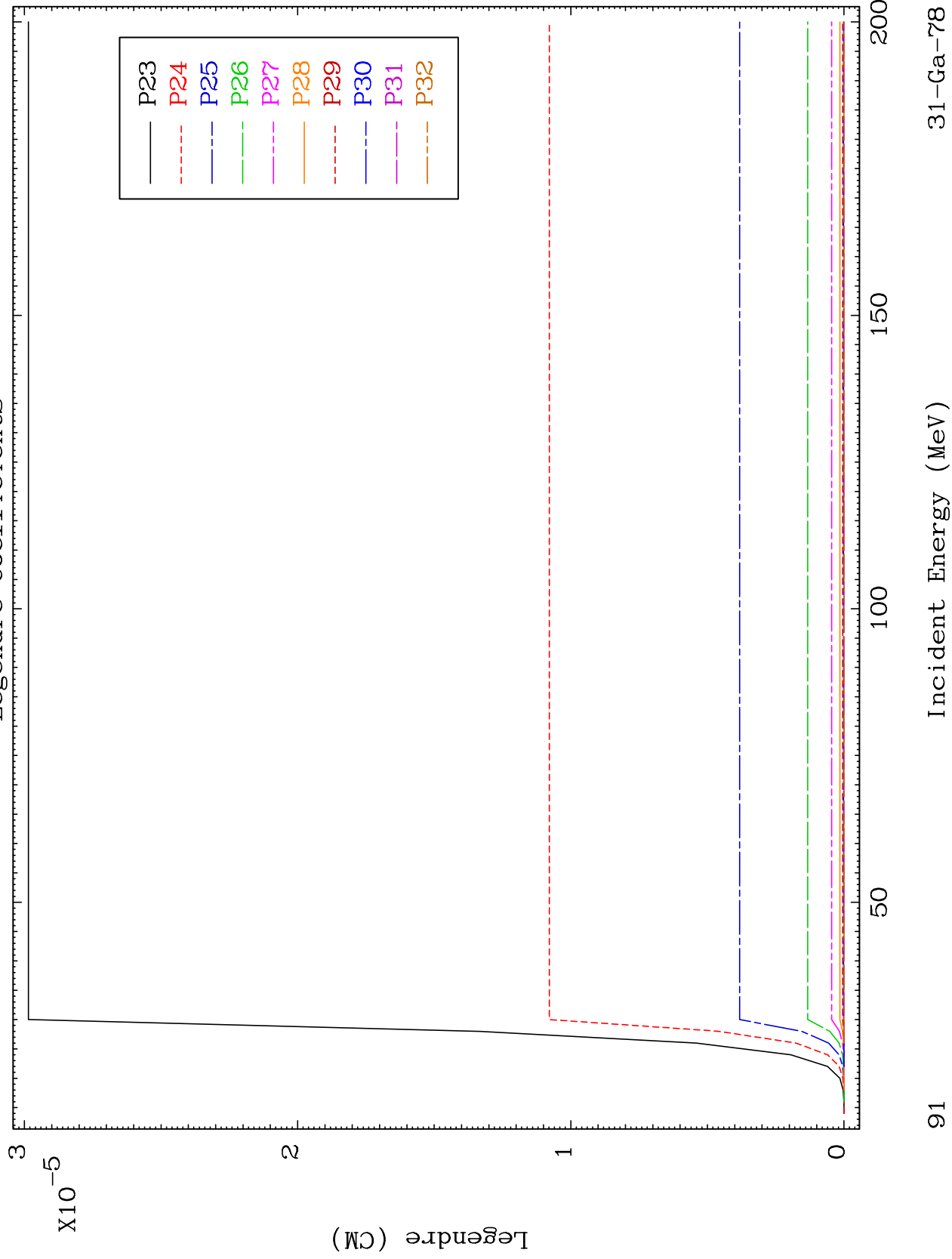
31-Ga-78



MAT 3152

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

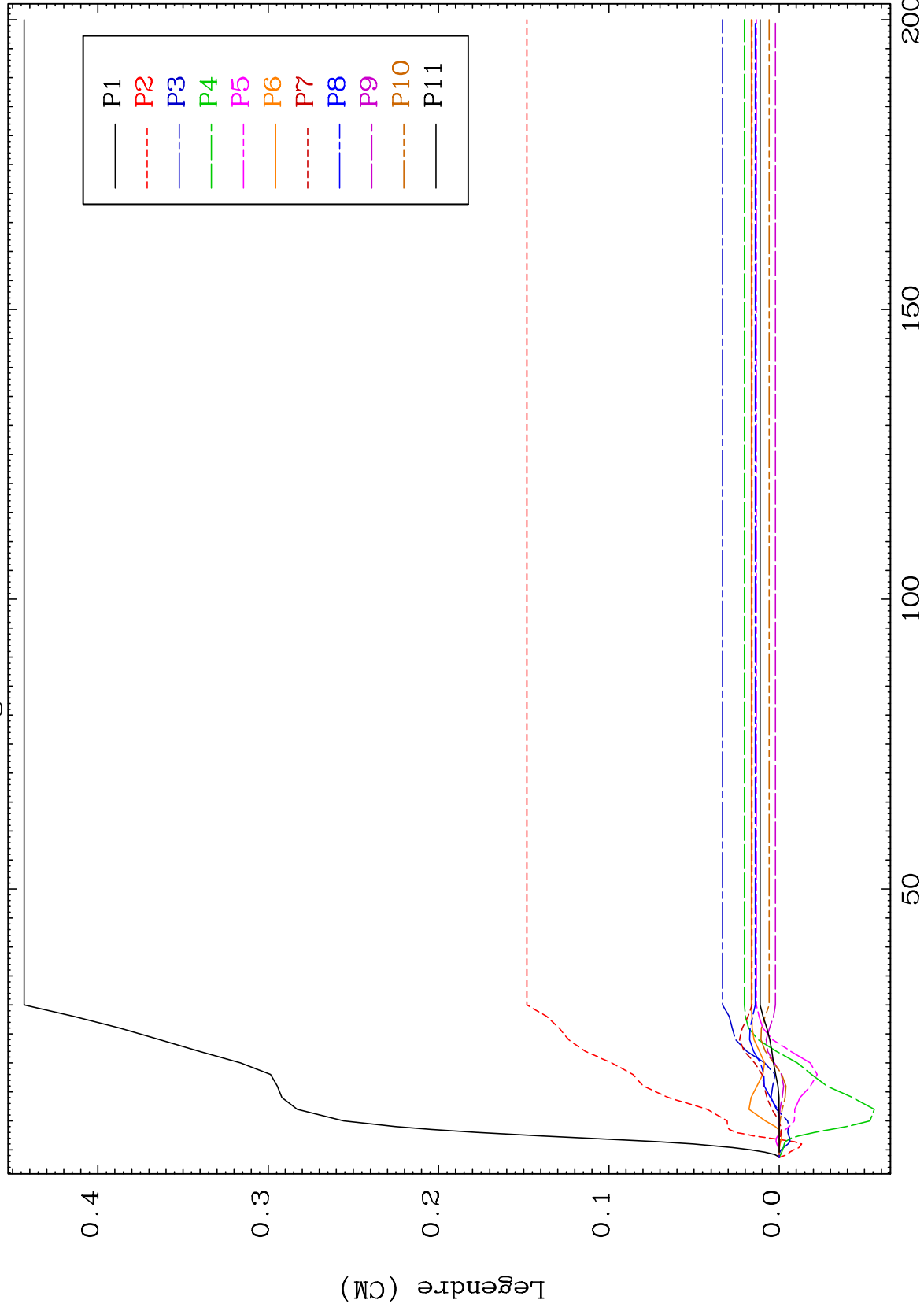
31-Ga-78



MAT 3152

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

31-Ga-78



92

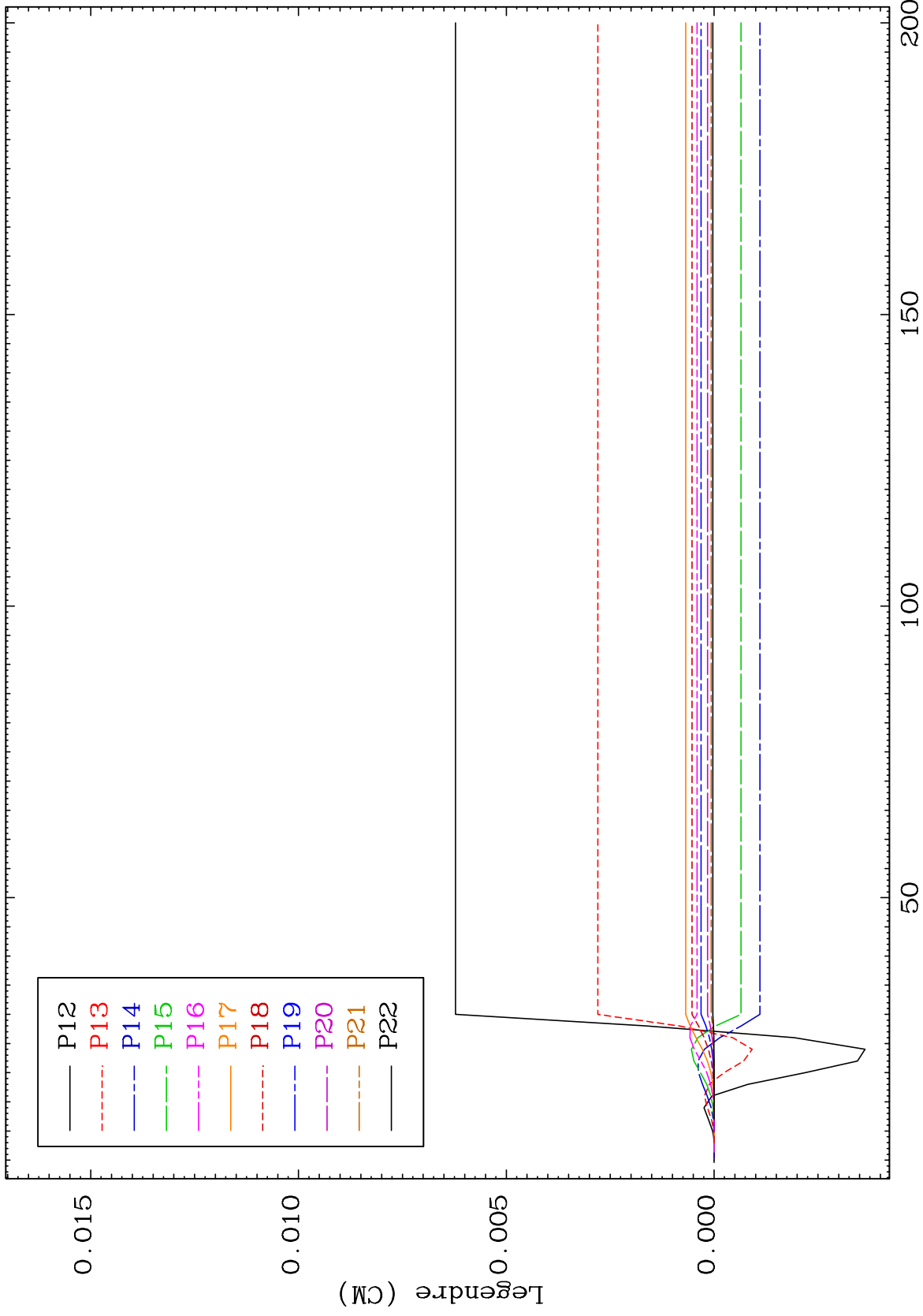
Incident Energy (MeV)

31-Ga-78

MAT 3152

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

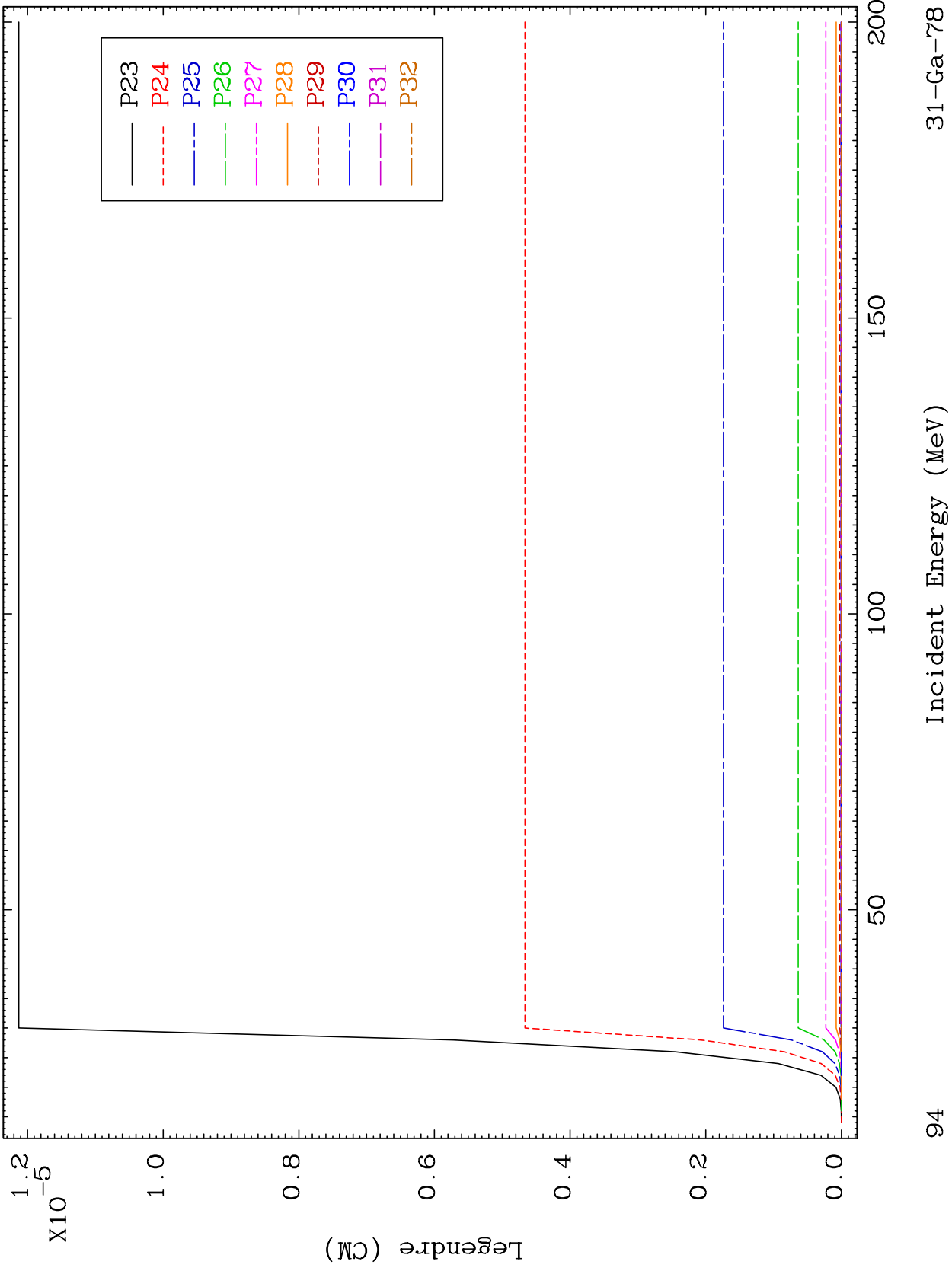
31-Ga-78



MAT 3152

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

31-Ga-78

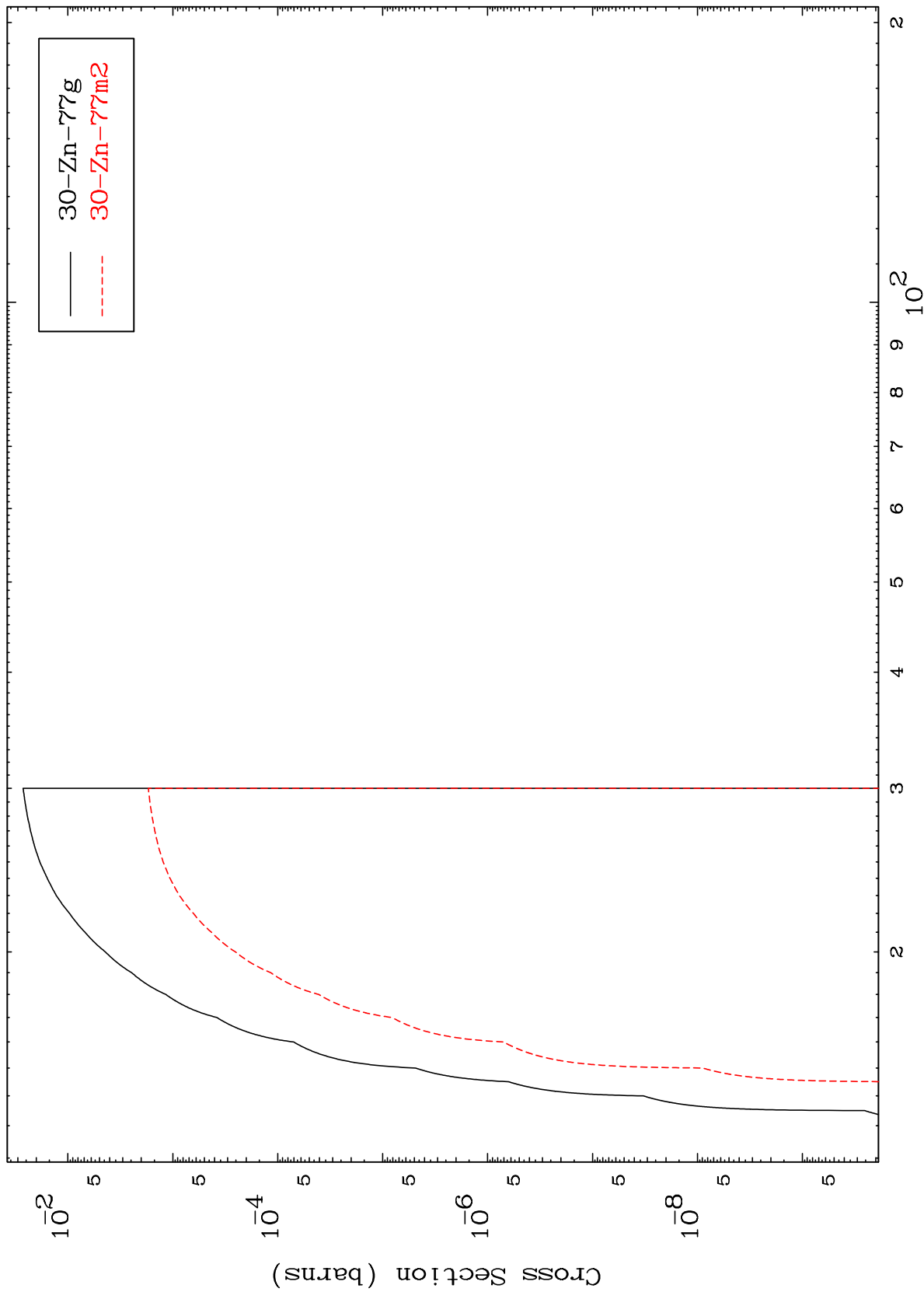


94

Incident Energy (MeV)

31-Ga-78

Radionuclide Production Cross Section

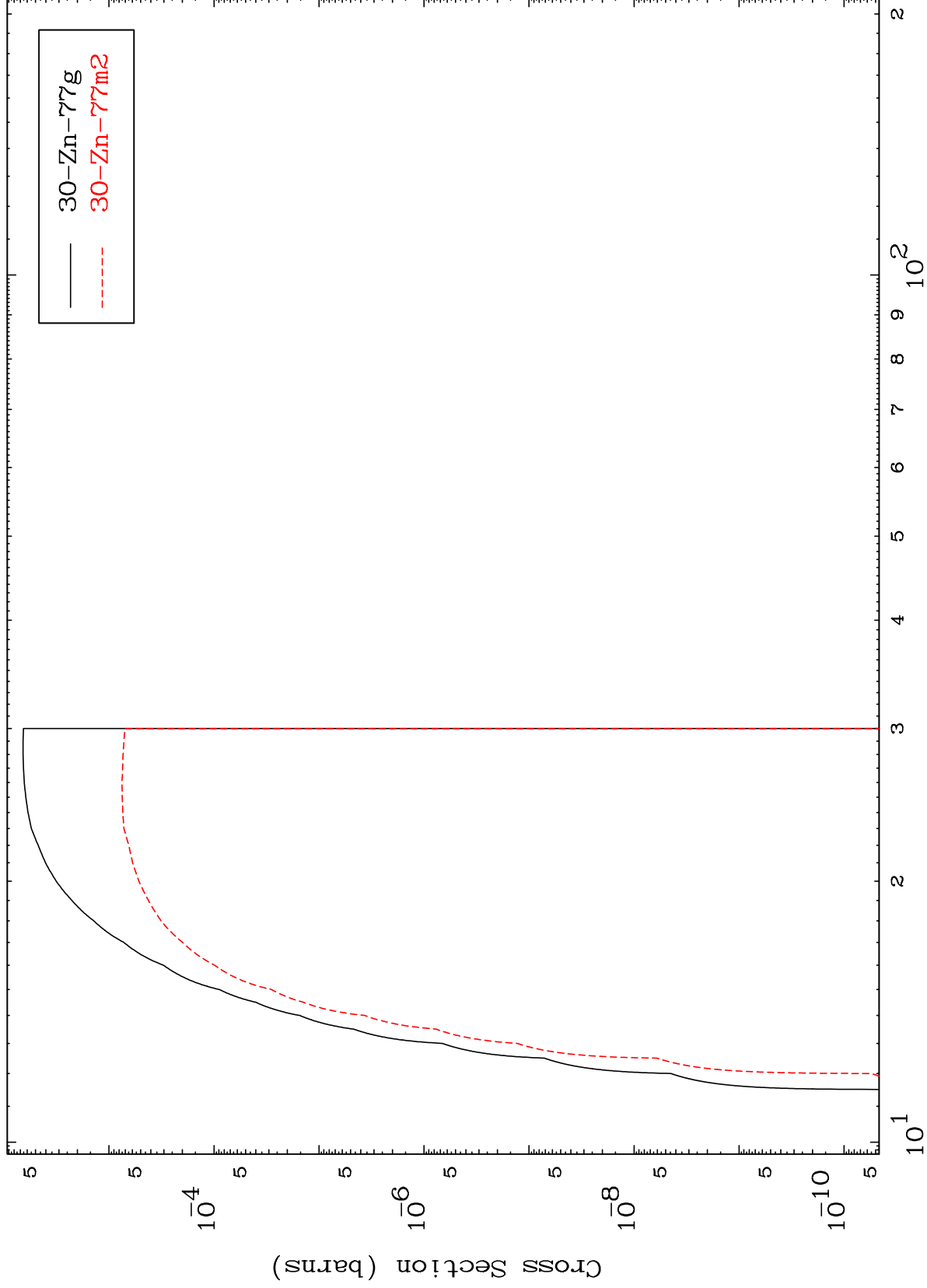


MAT 3152

(n,d)

31-Ga-78

Radionuclide Production Cross Section



96

Incident Energy (MeV)

31-Ga-78