

Program EVALPLOT
(Version 2021-1)

by

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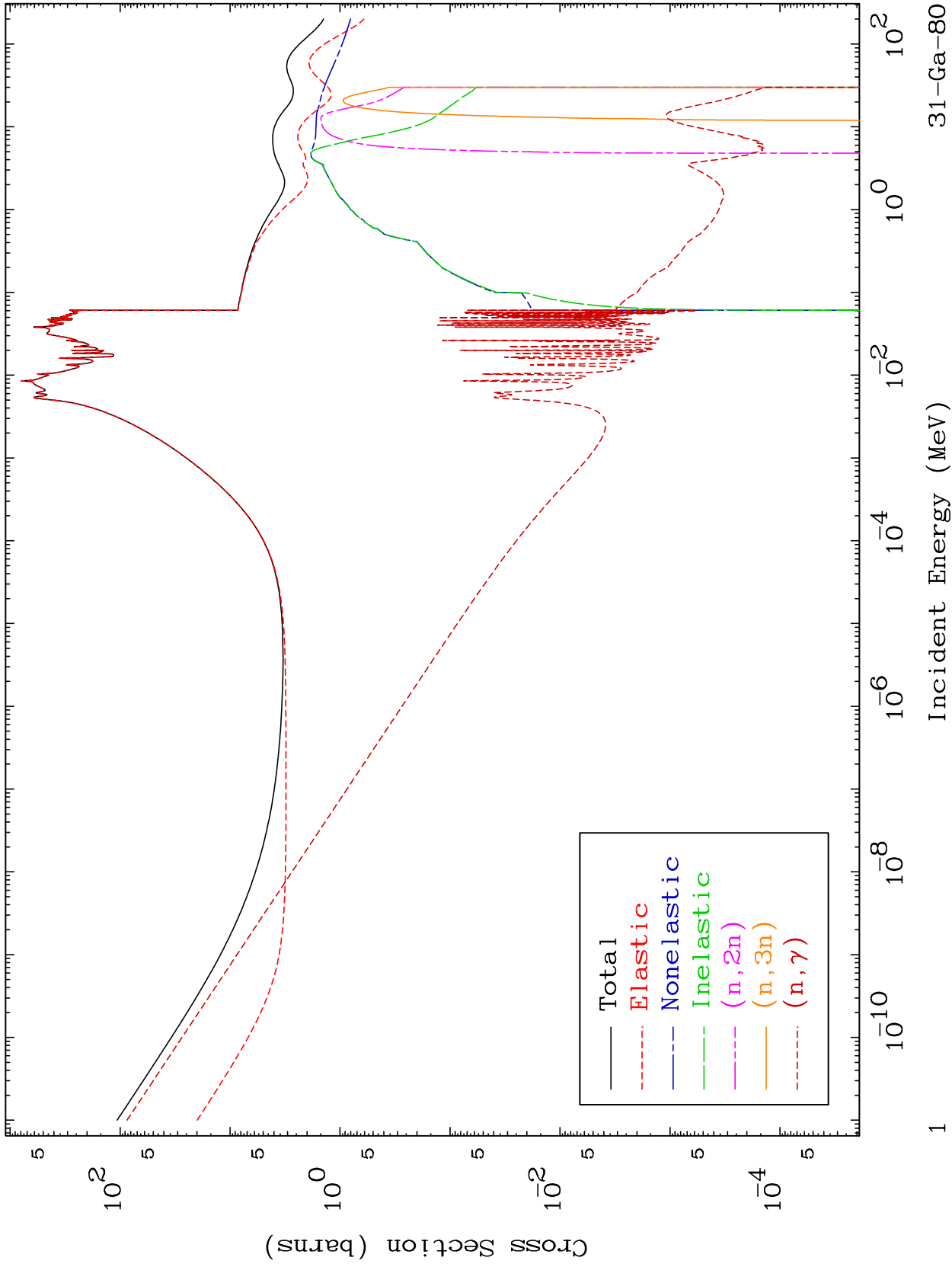
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Press Mouse Button to Start

MAT 3158

Neutron Major
293 Kelvin Cross Sections

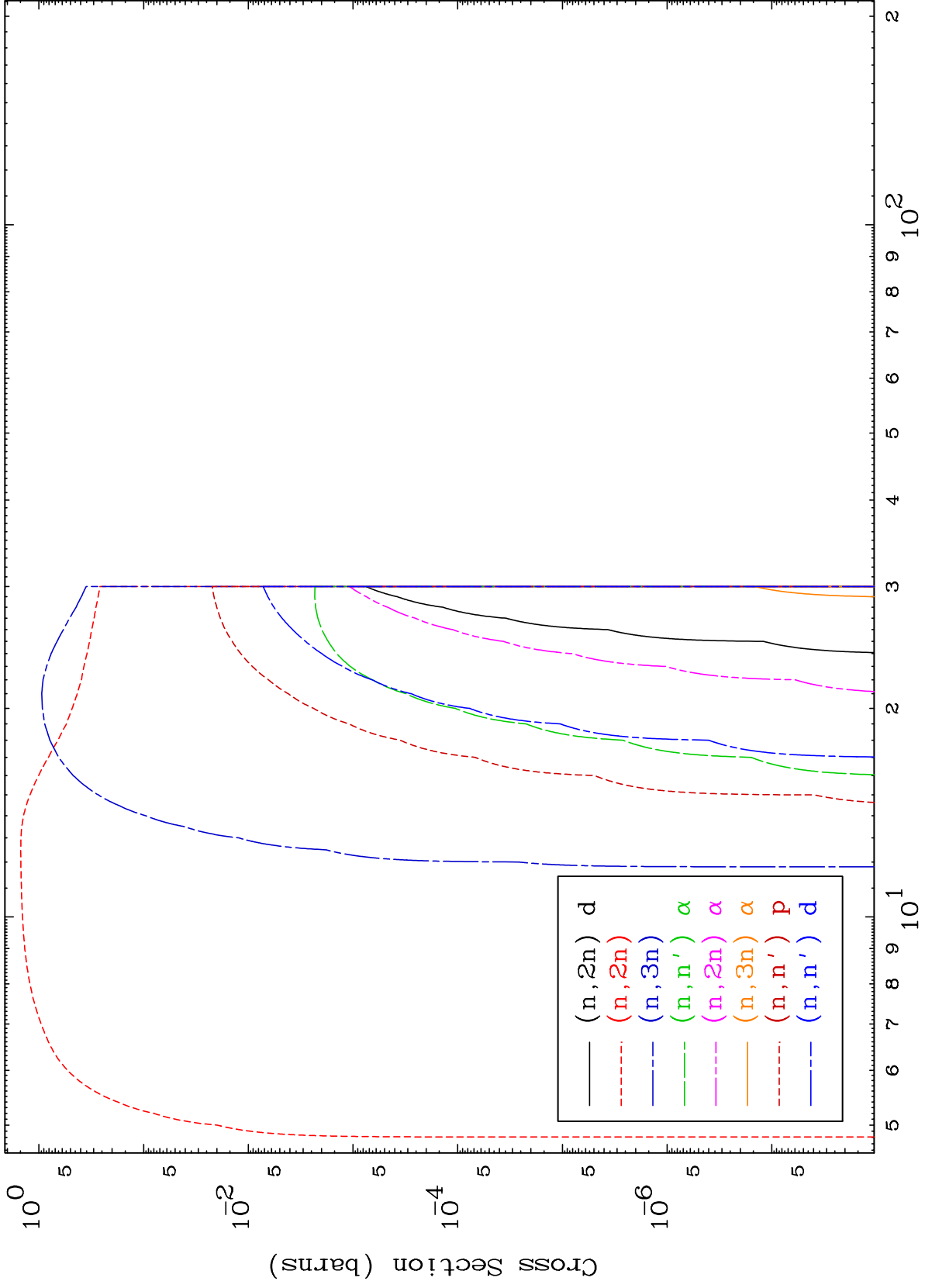
31-Ga-80



MAT 3158

Neutron Absorption
293 Kelvin Cross Sections

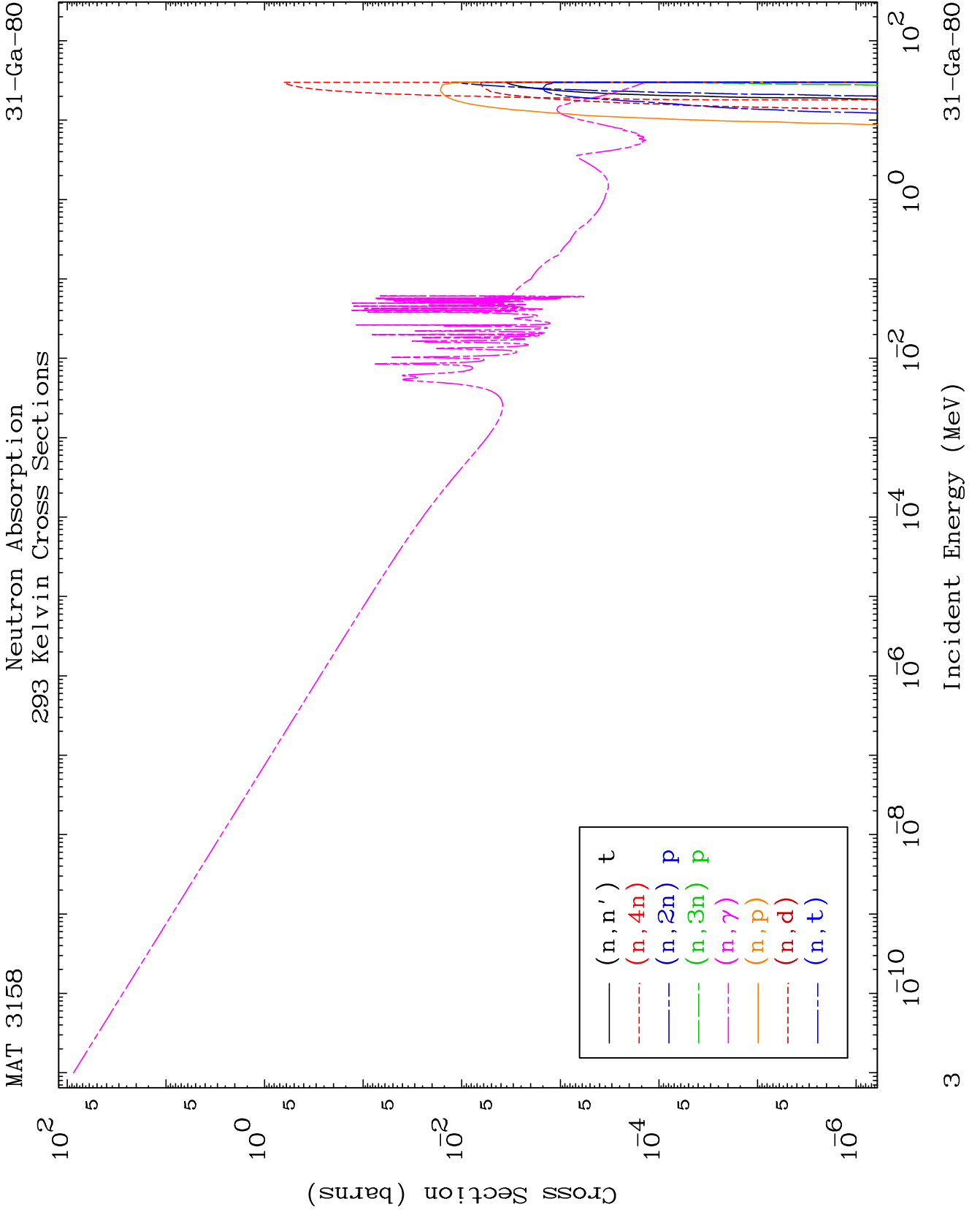
31-Ga-80



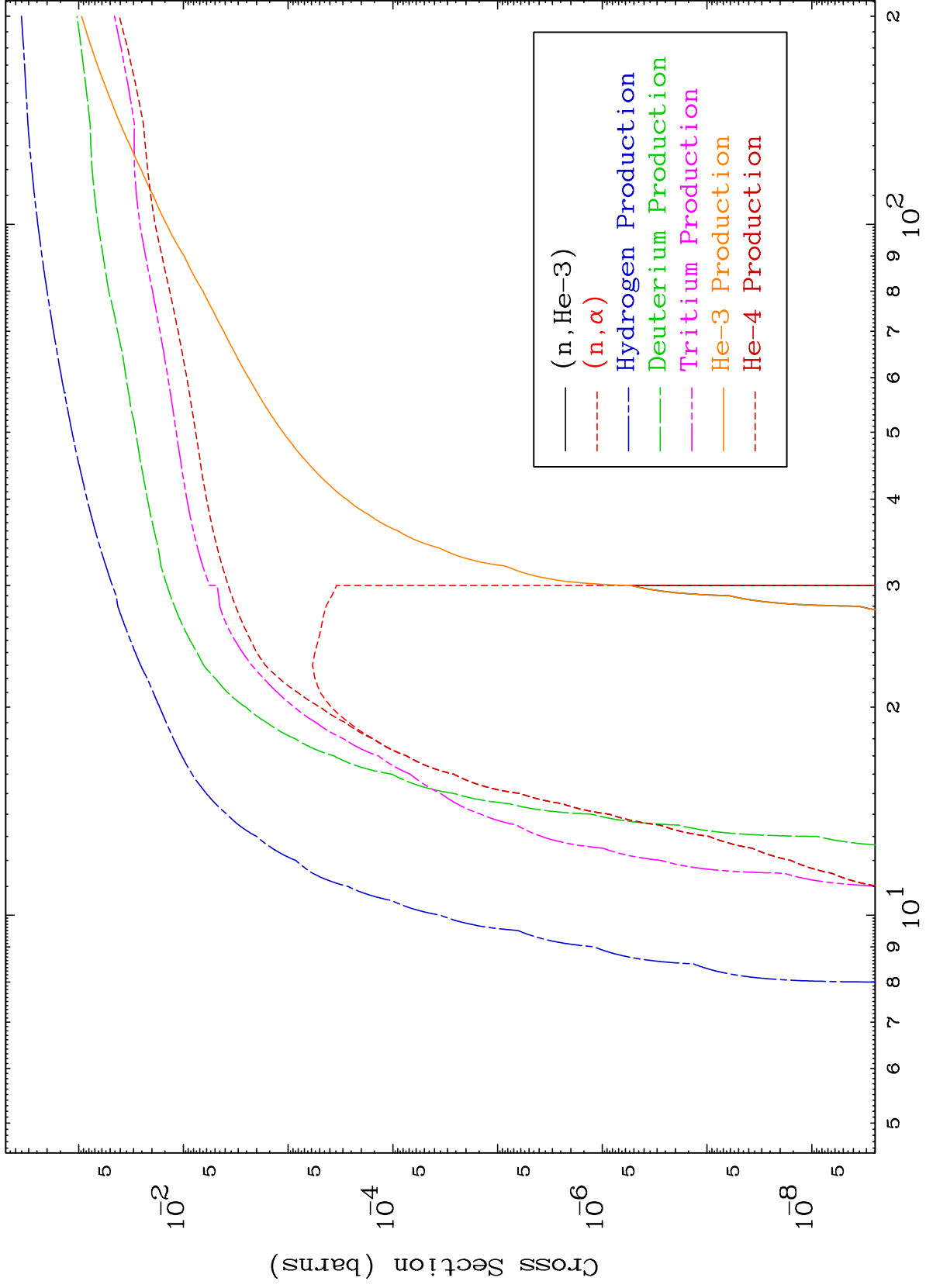
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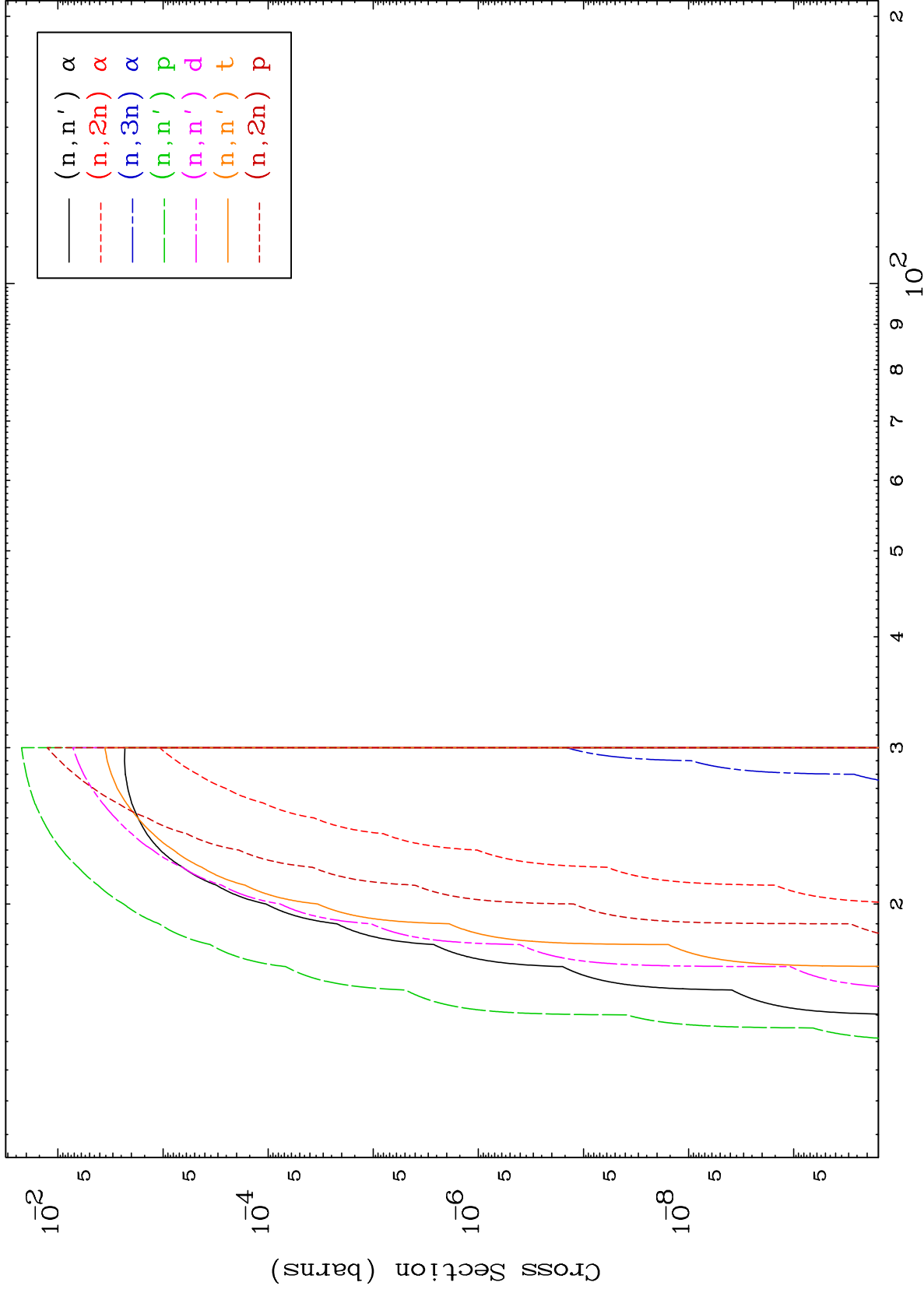
Incident Energy (MeV)

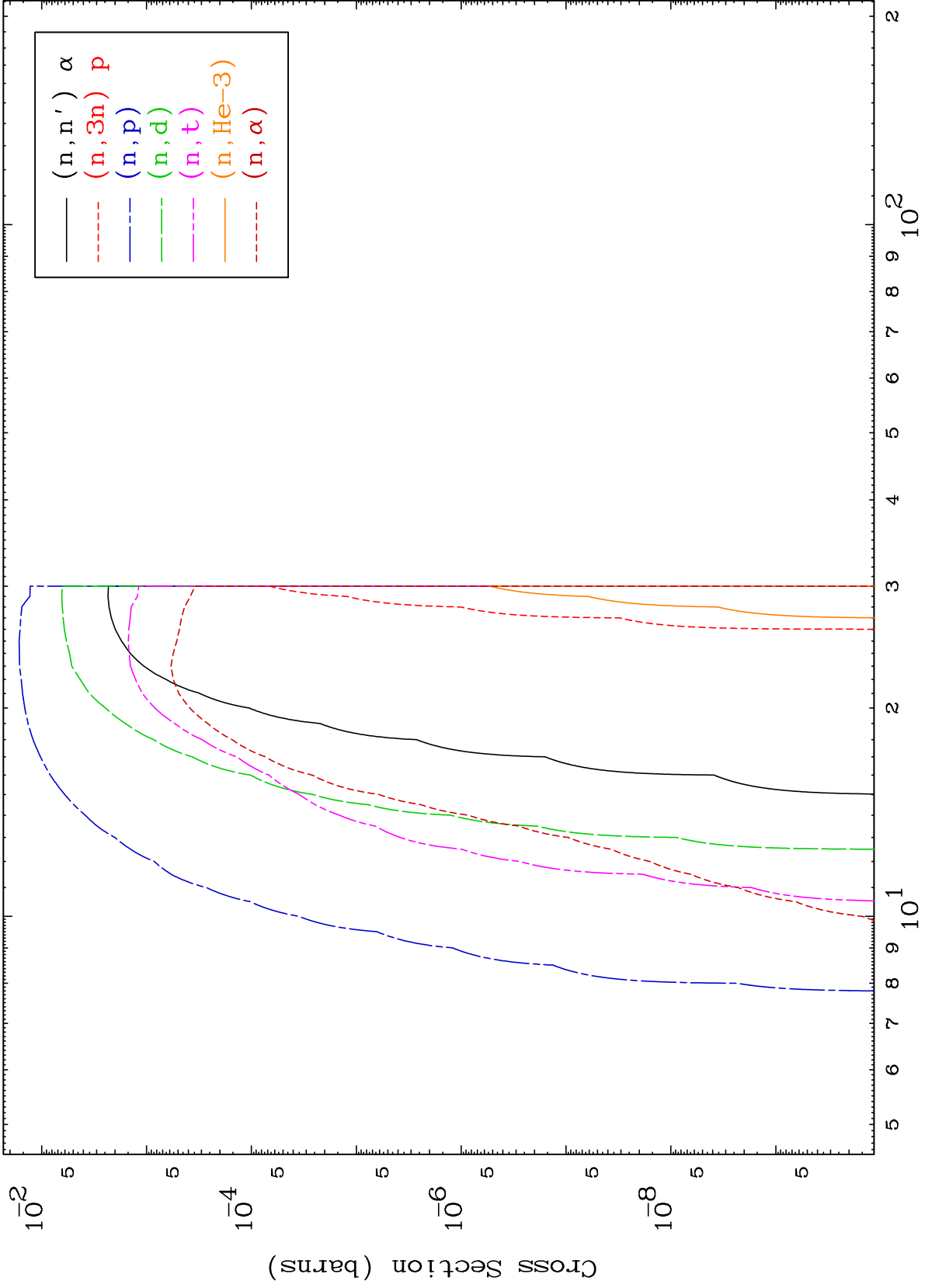
31-Ga-80

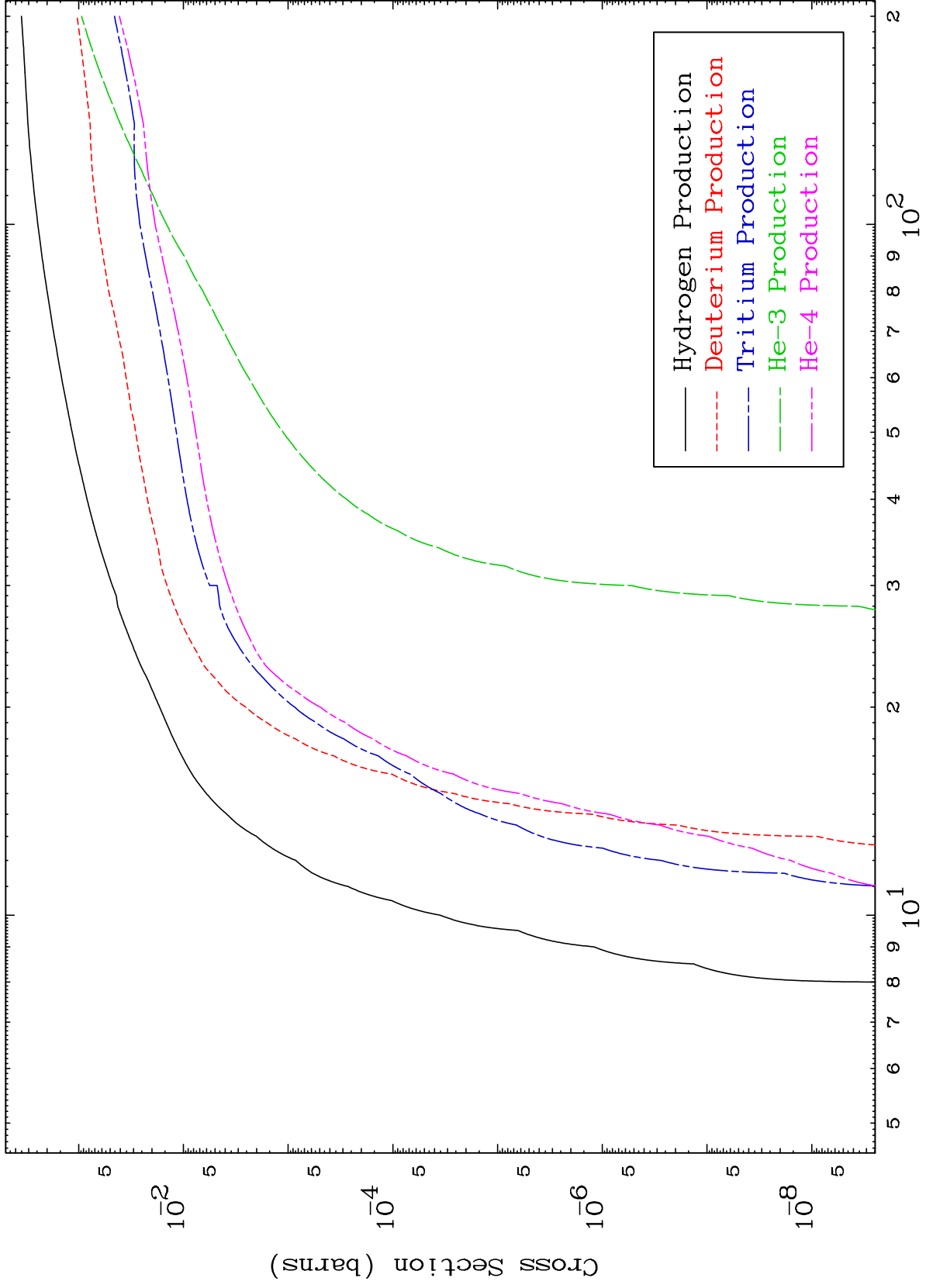


Neutron Absorption
293 Kelvin Cross Sections







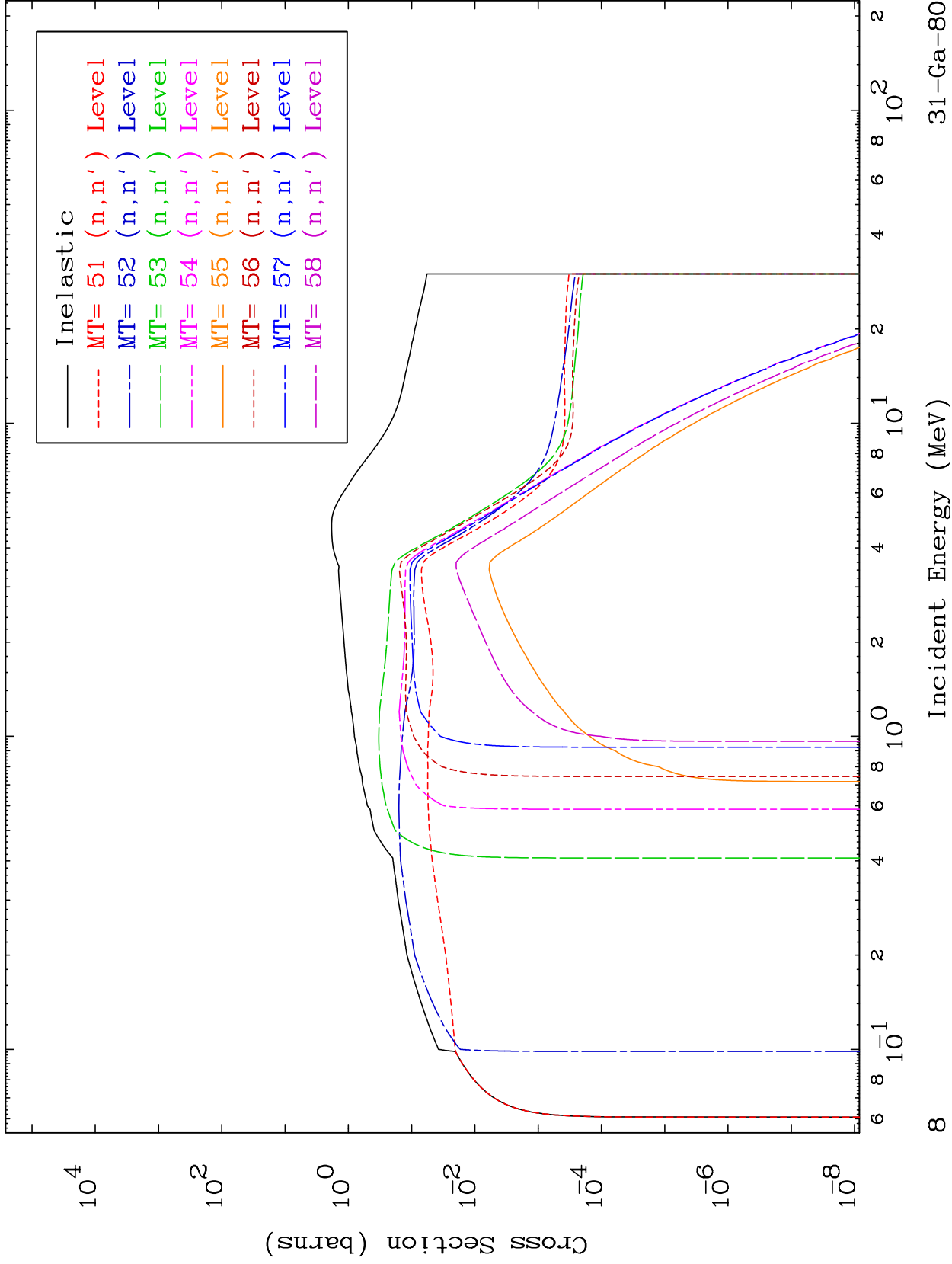


MAT 3158

(n,n') Levels

31-Ga-80

293 Kelvin Cross Sections



8

Incident Energy (MeV)

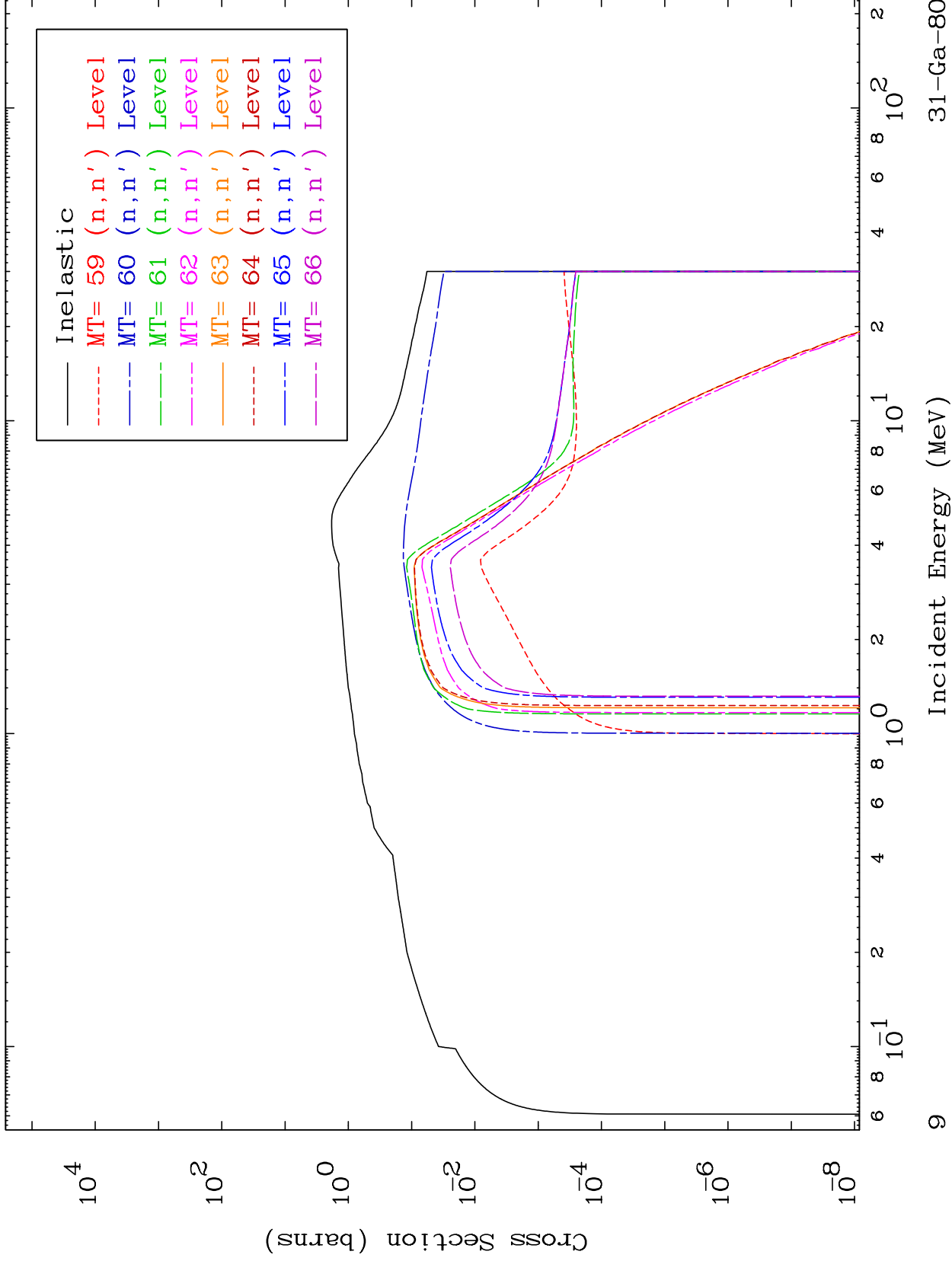
31-Ga-80

MAT 3158

(n,n') Levels

293 Kelvin Cross Sections

31-Ga-80

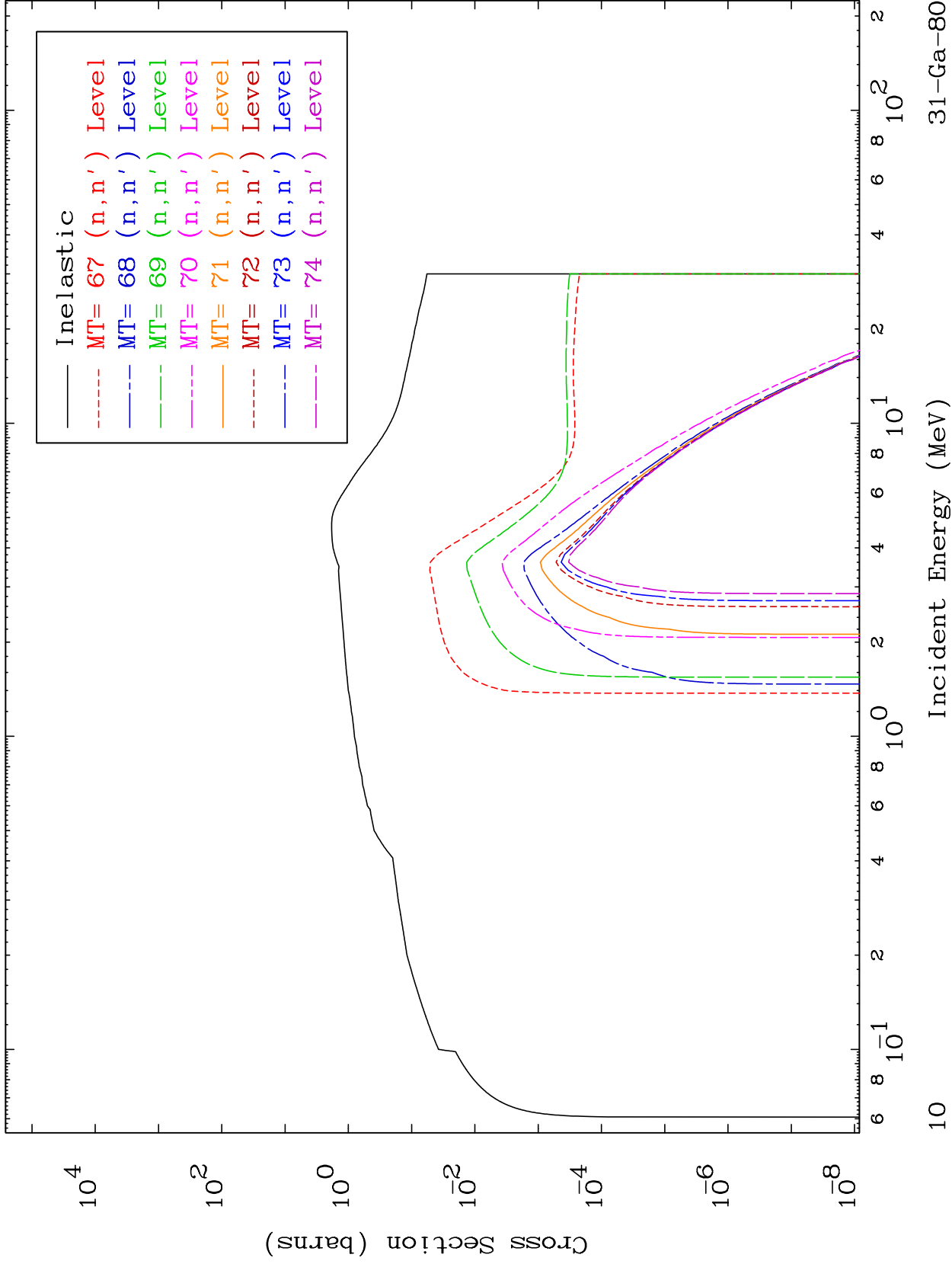


MAT 3158

(n,n') Levels

31-Ga-80

293 Kelvin Cross Sections



10

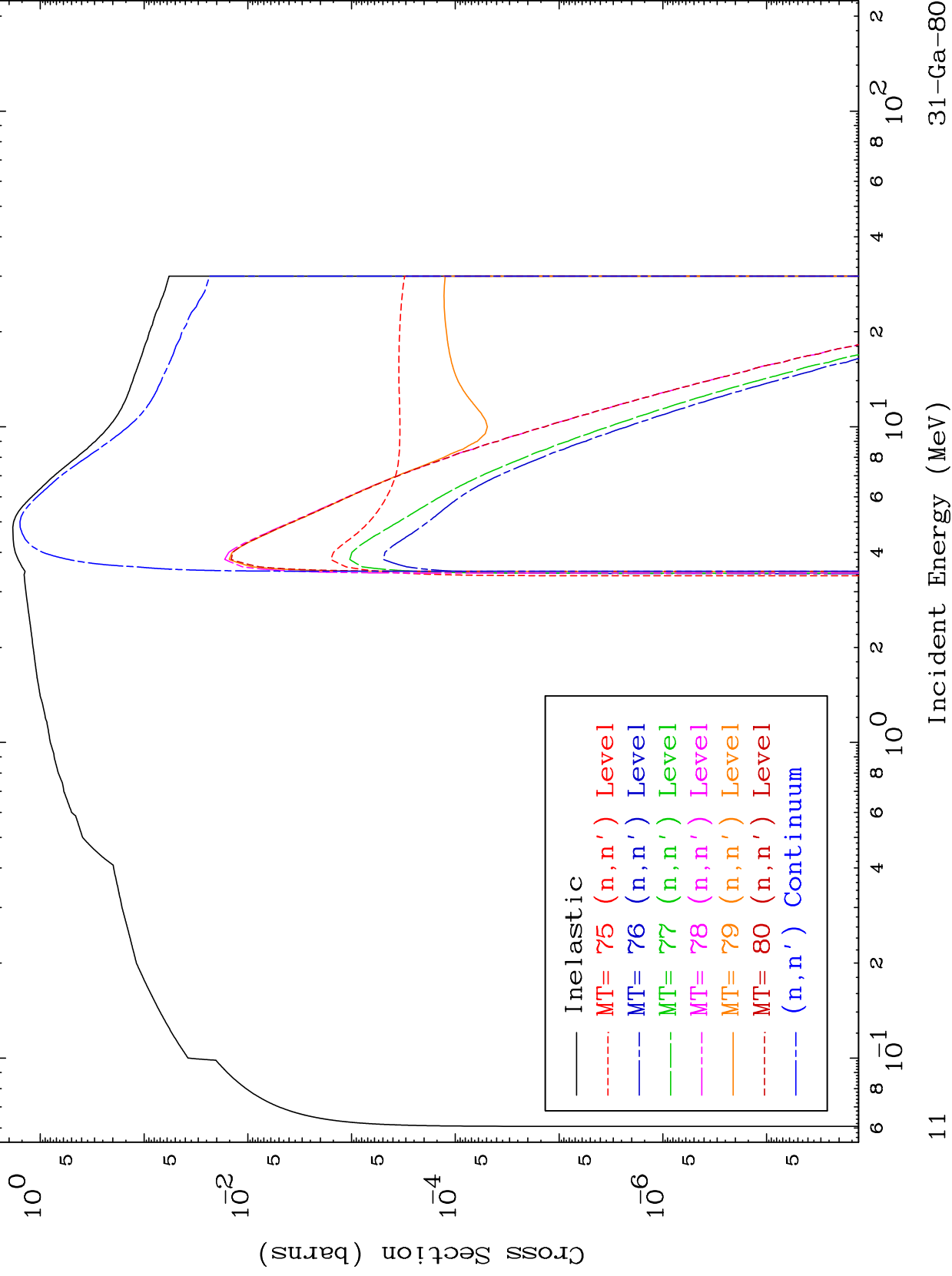
Incident Energy (MeV)

31-Ga-80

MAT 3158

293 Kelvin Cross Sections
(n,n') Levels

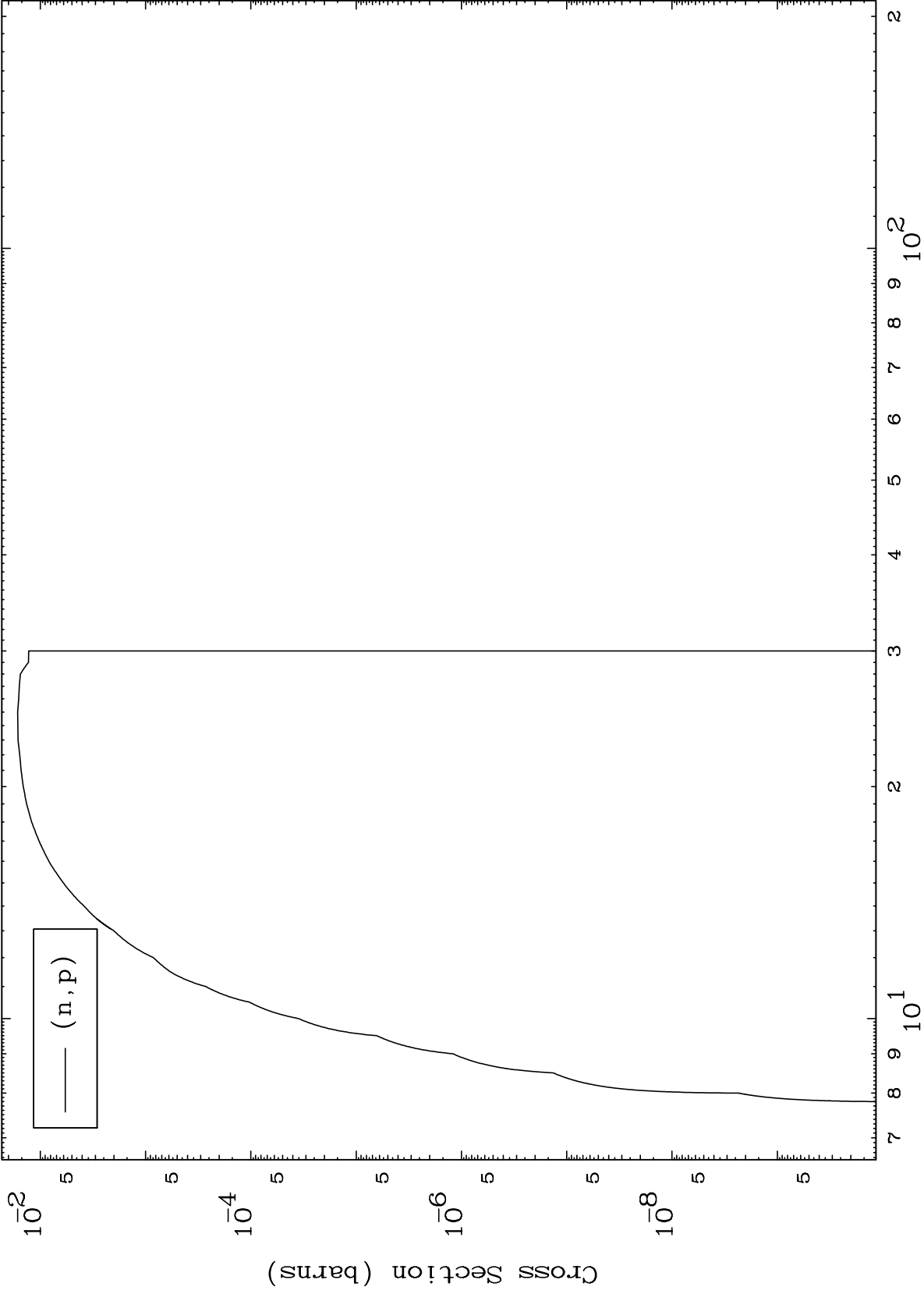
31-Ga-80



MAT 3158

(n,p) Levels
293 Kelvin Cross Sections

31-Ga-80



12

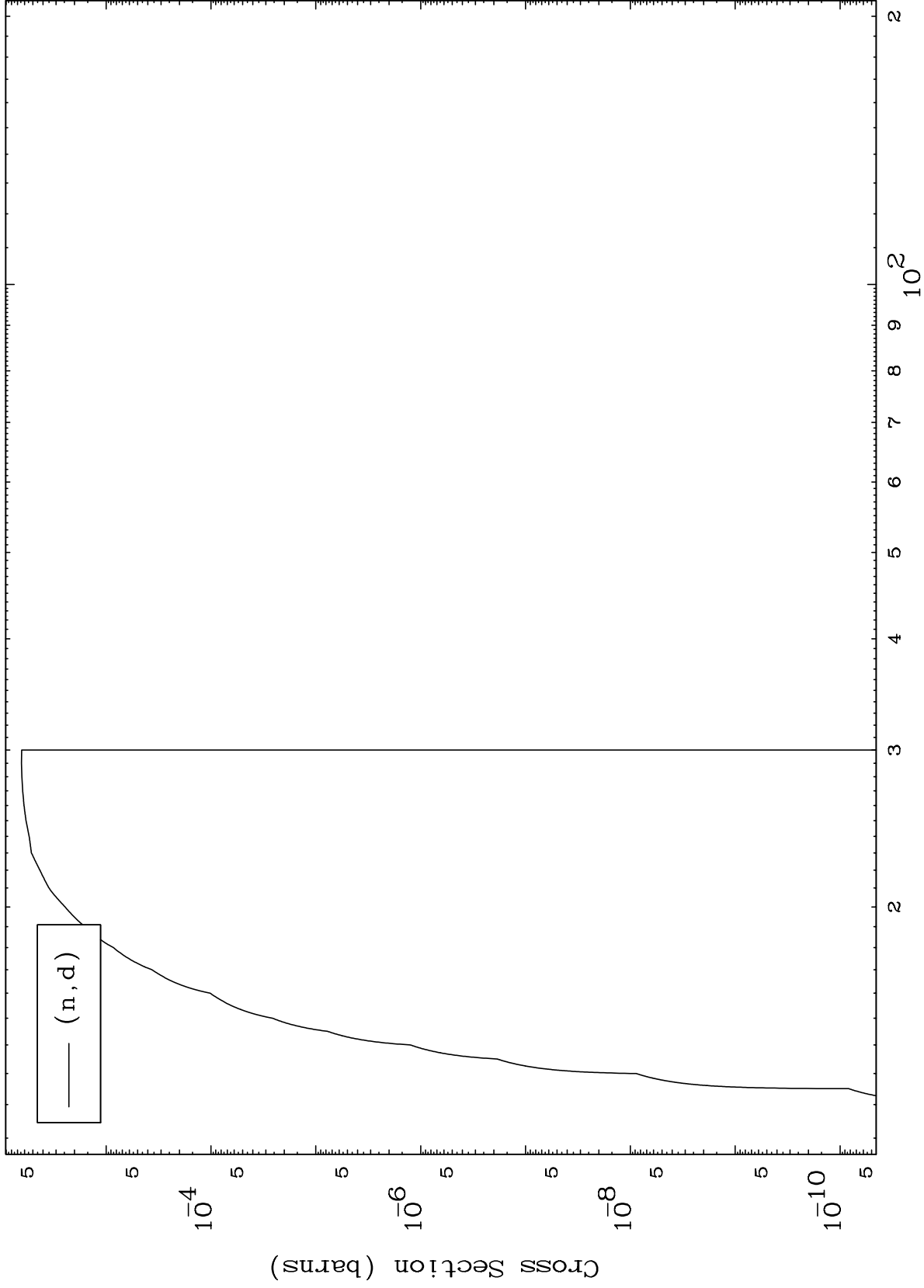
Incident Energy (MeV)

31-Ga-80

MAT 3158

(n,d) Levels
293 Kelvin Cross Sections

31-Ga-80



13

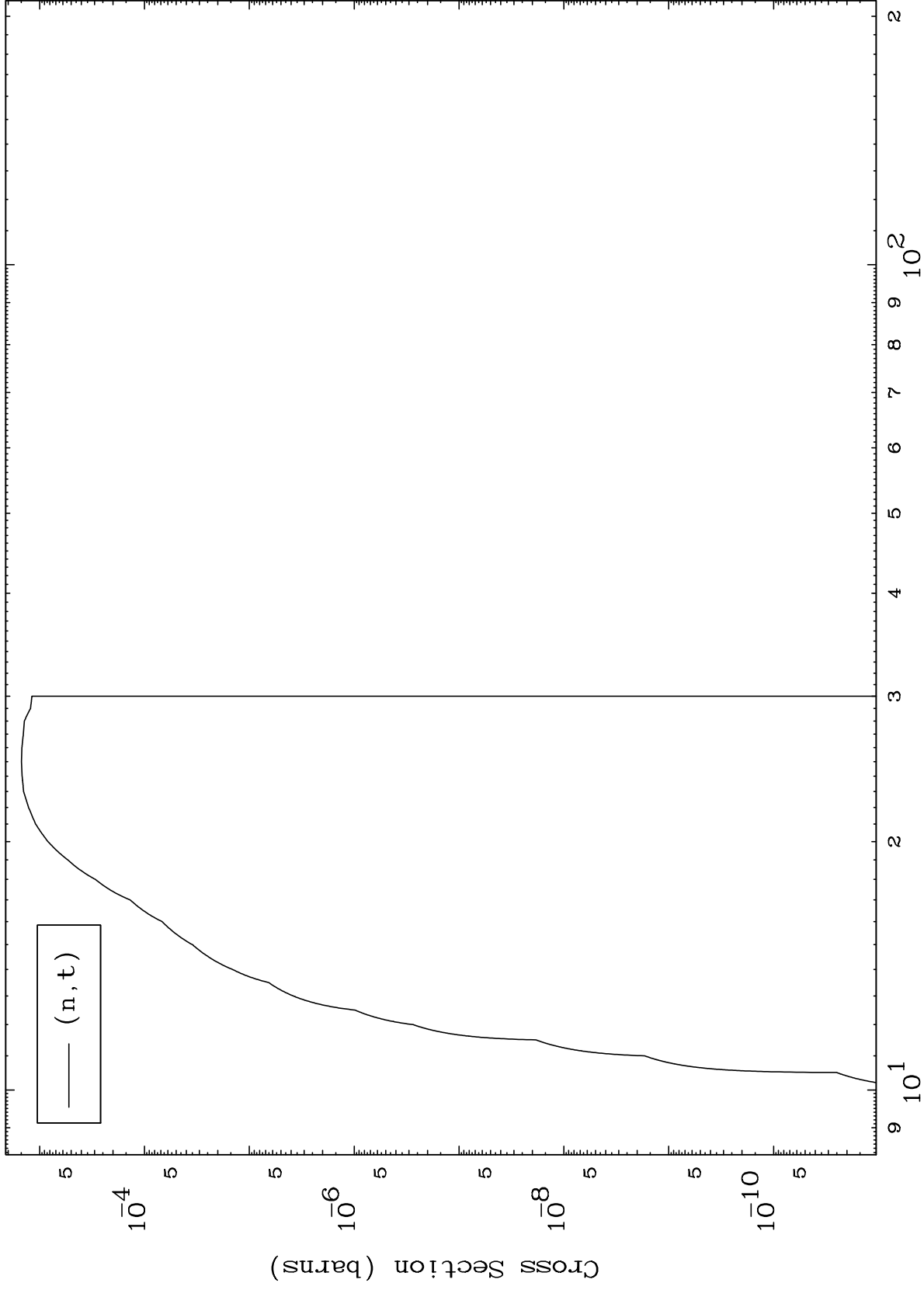
Incident Energy (MeV)

31-Ga-80

MAT 3158

(n,t) Levels
293 Kelvin Cross Sections

31-Ga-80



31-Ga-80

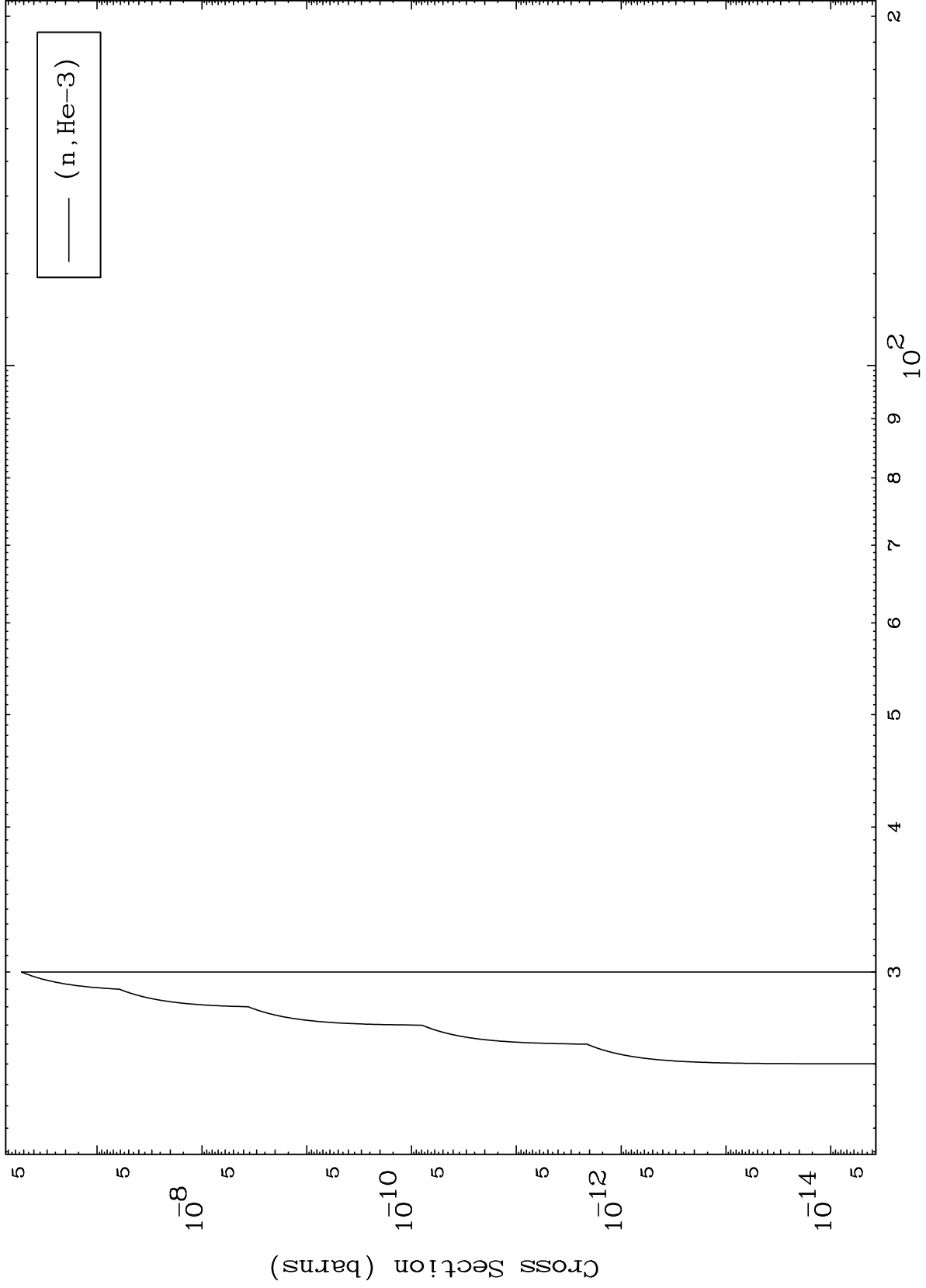
Incident Energy (MeV)

14

MAT 3158

(n,He3) Levels
293 Kelvin Cross Sections

31-Ga-80



15

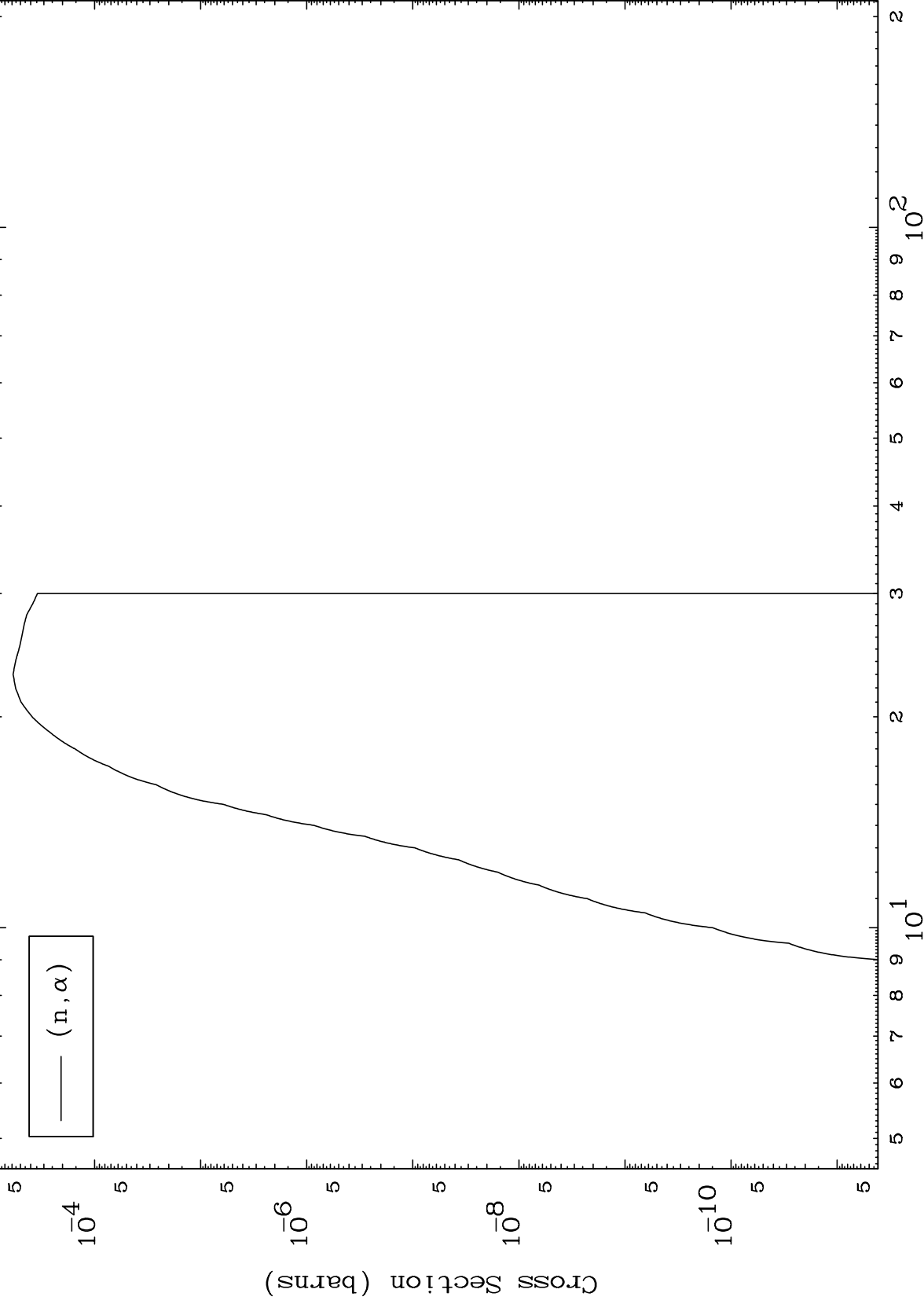
Incident Energy (MeV)

31-Ga-80

MAT 3158

(n, α) Levels
293 Kelvin Cross Sections

31-Ga-80



16

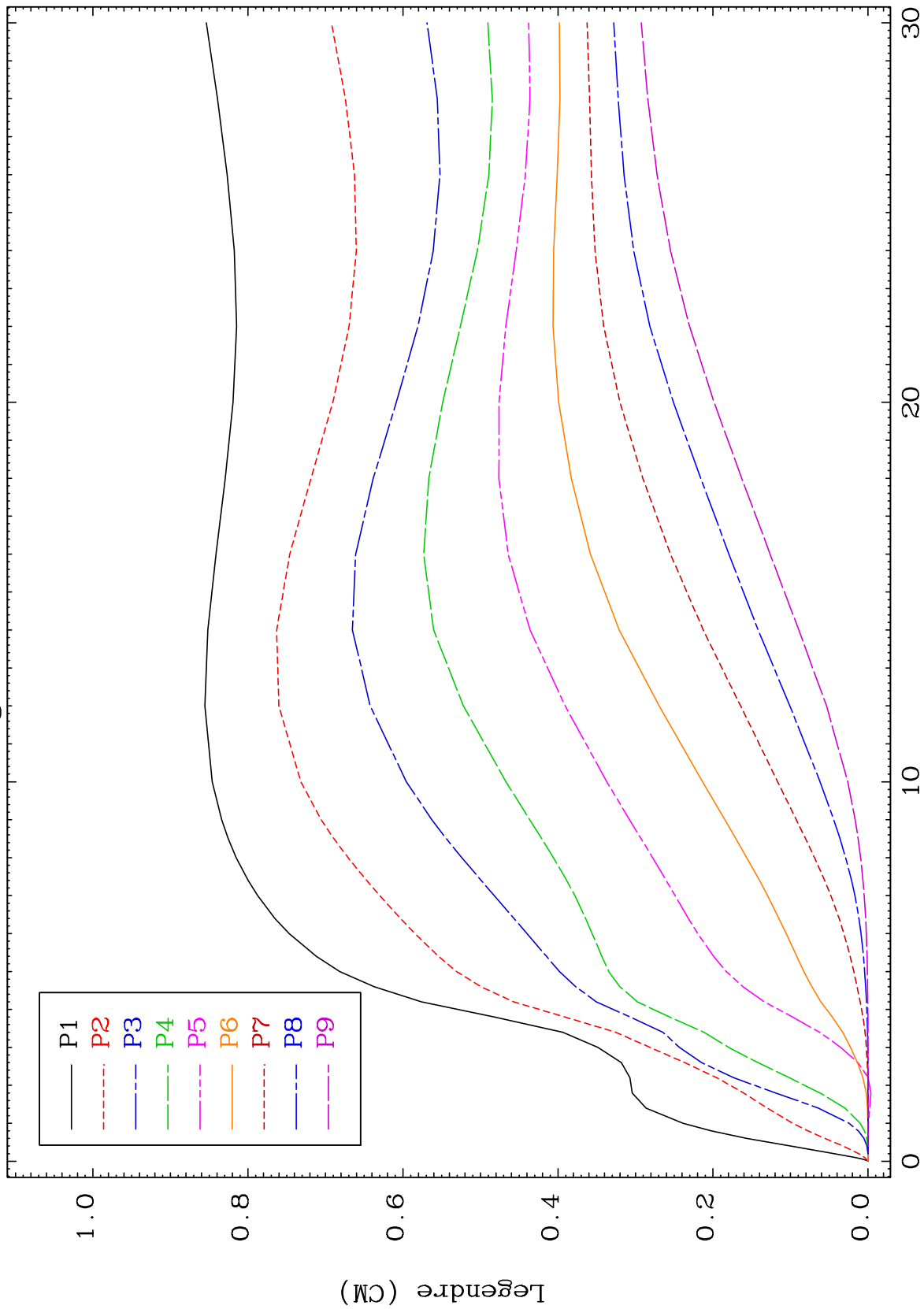
Incident Energy (MeV)

31-Ga-80

MAT 3158

Elastic Legendre Coefficients

31-Ga-80



17

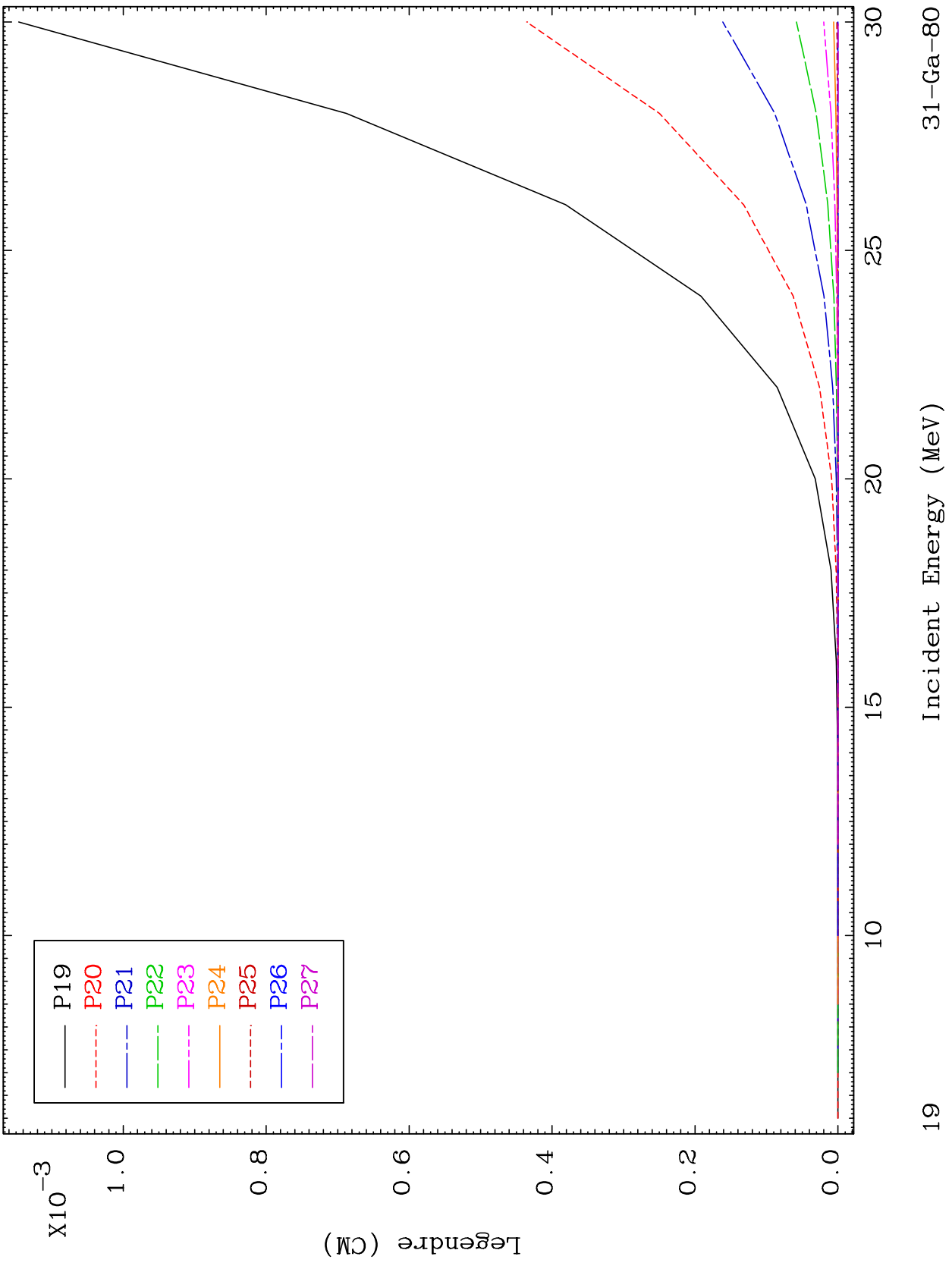
Incident Energy (MeV)

31-Ga-80

MAT 3158

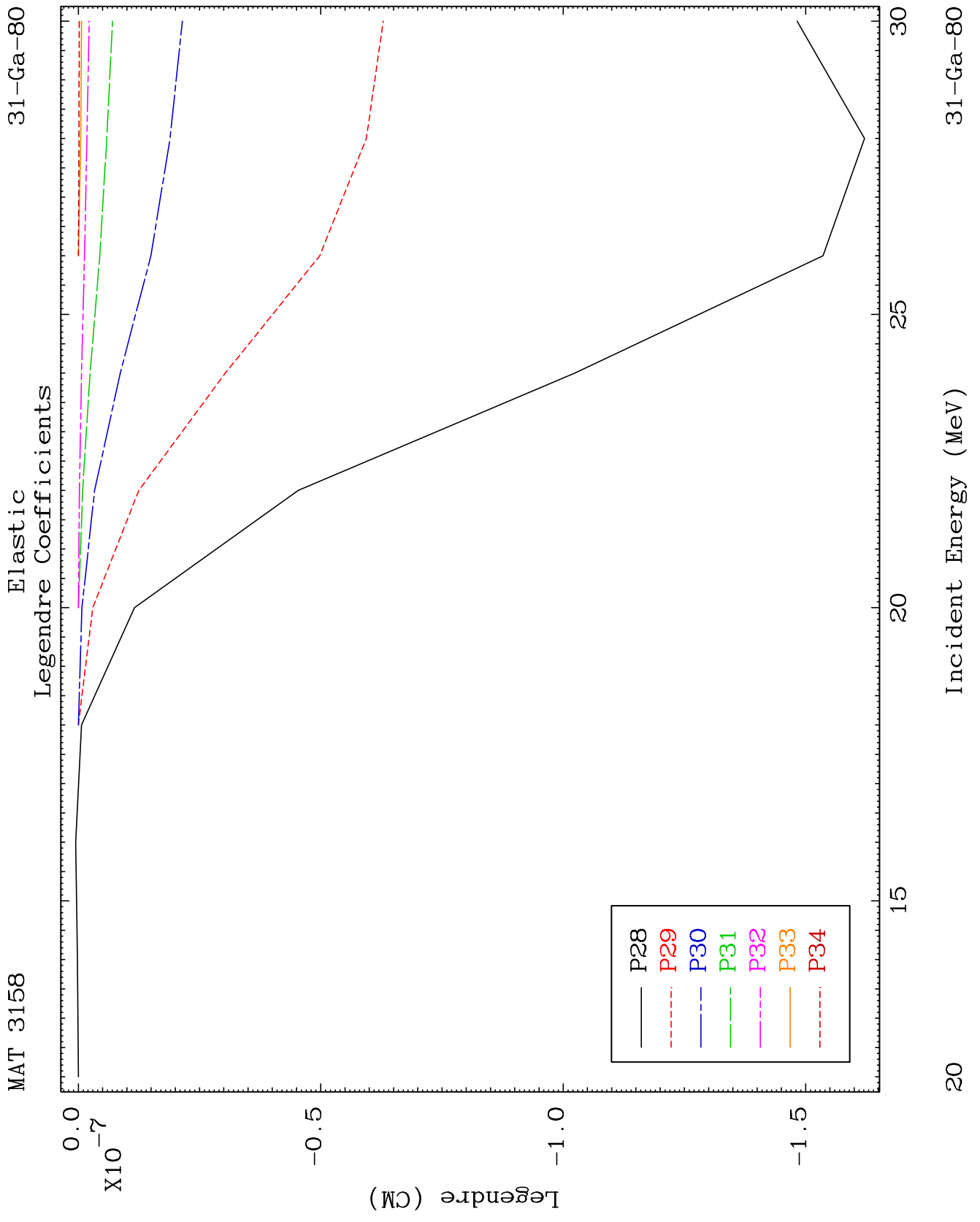
Elastic Legendre Coefficients

³¹Ga-80



19

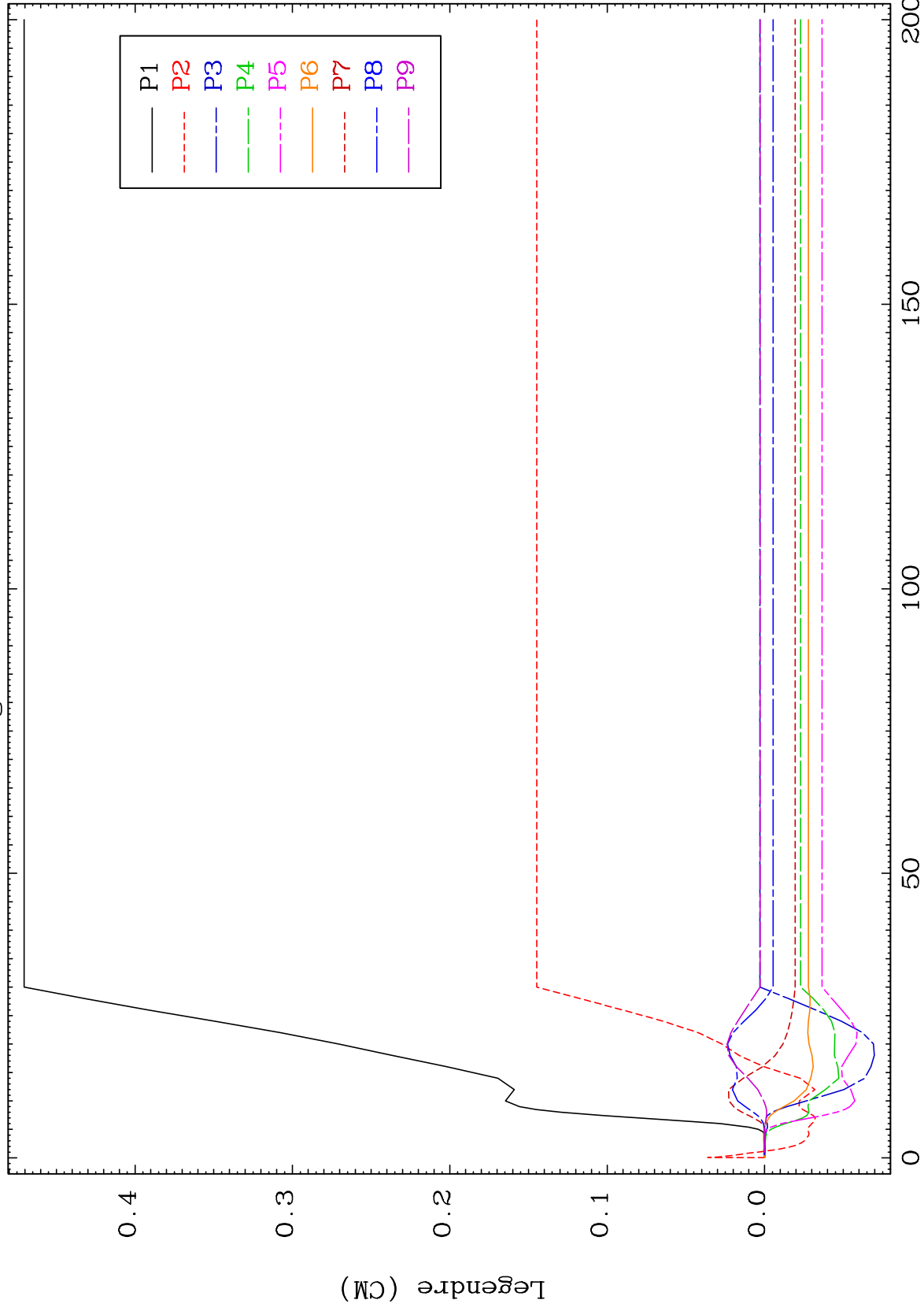
³¹Ga-80



MAT 3158

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

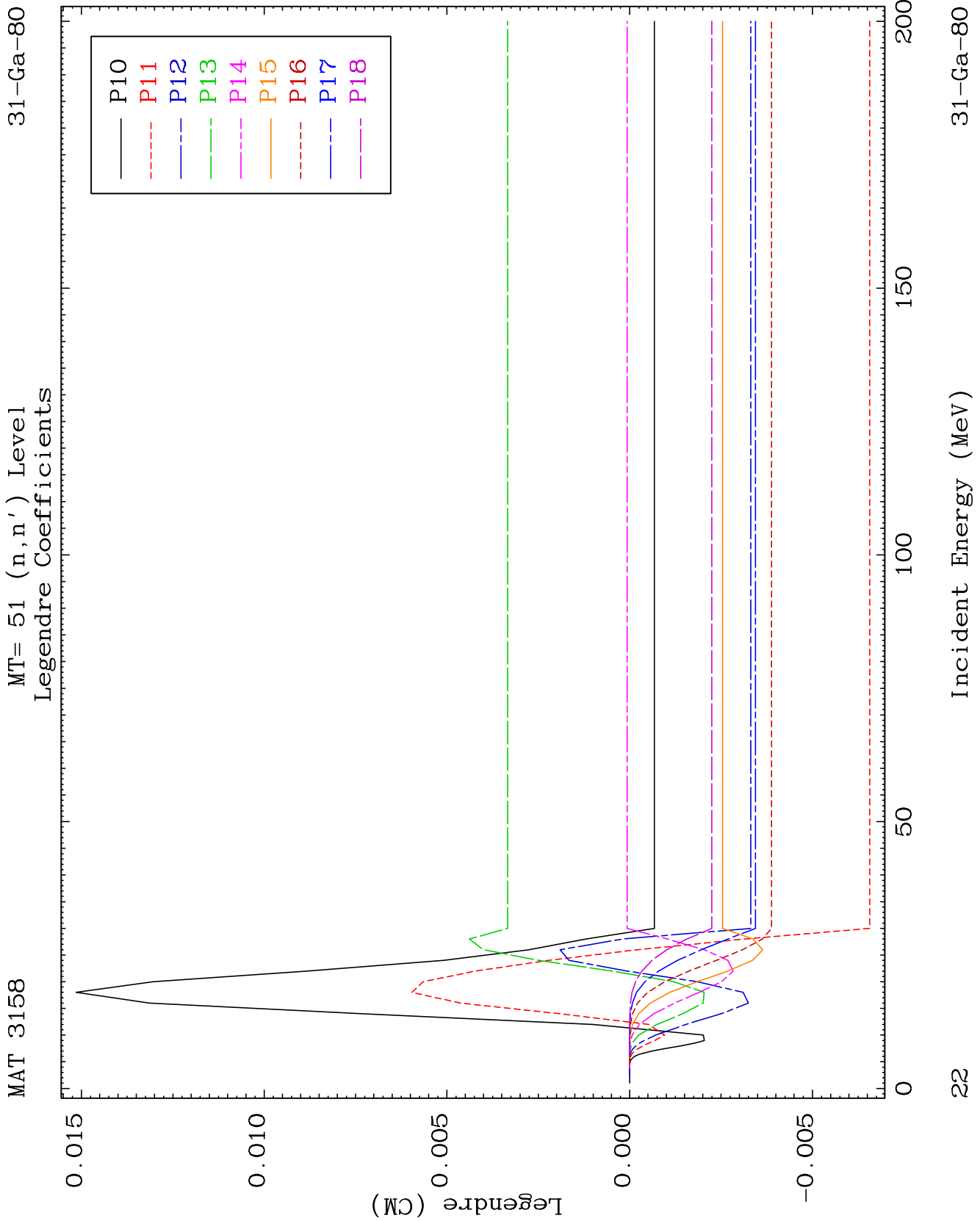
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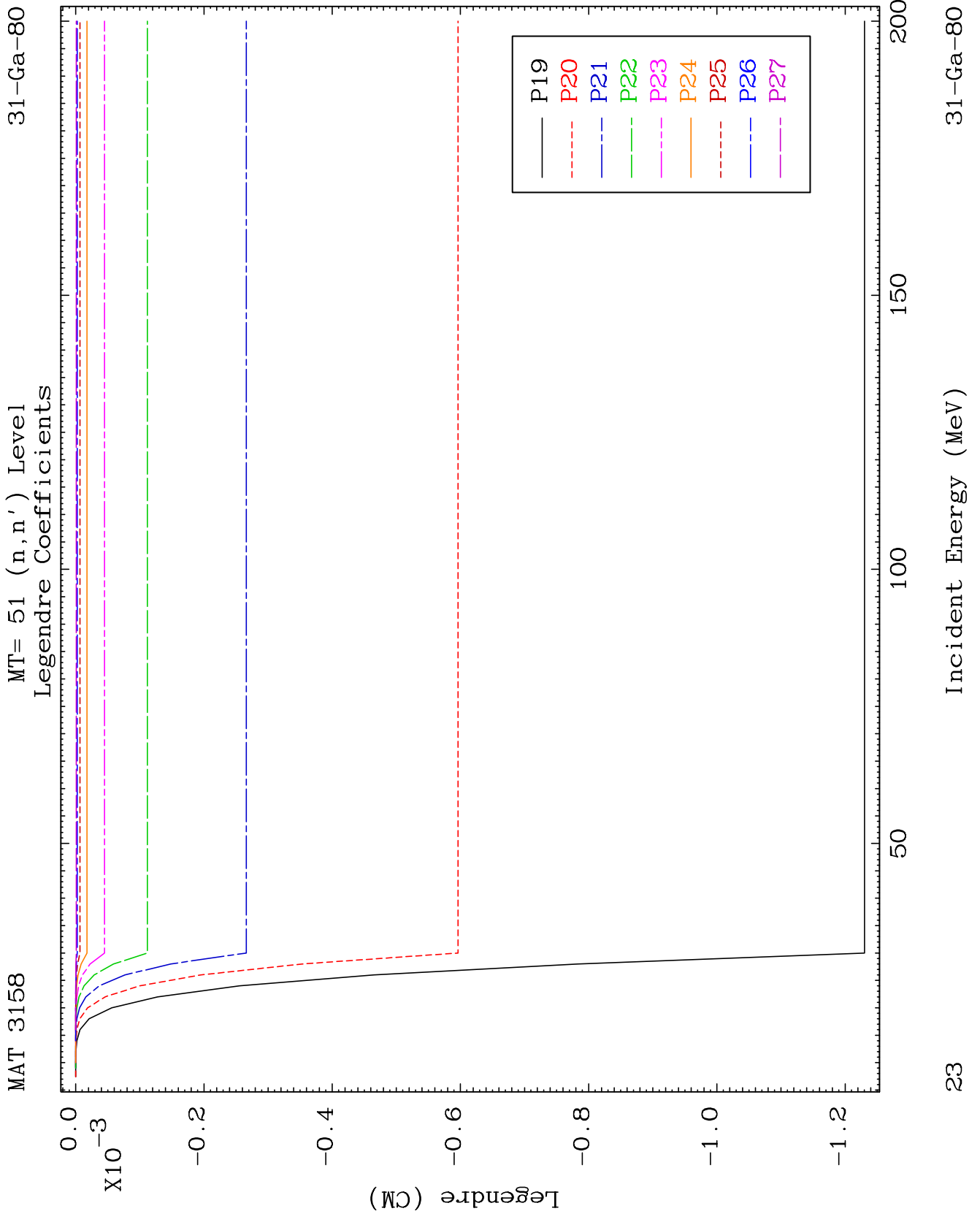


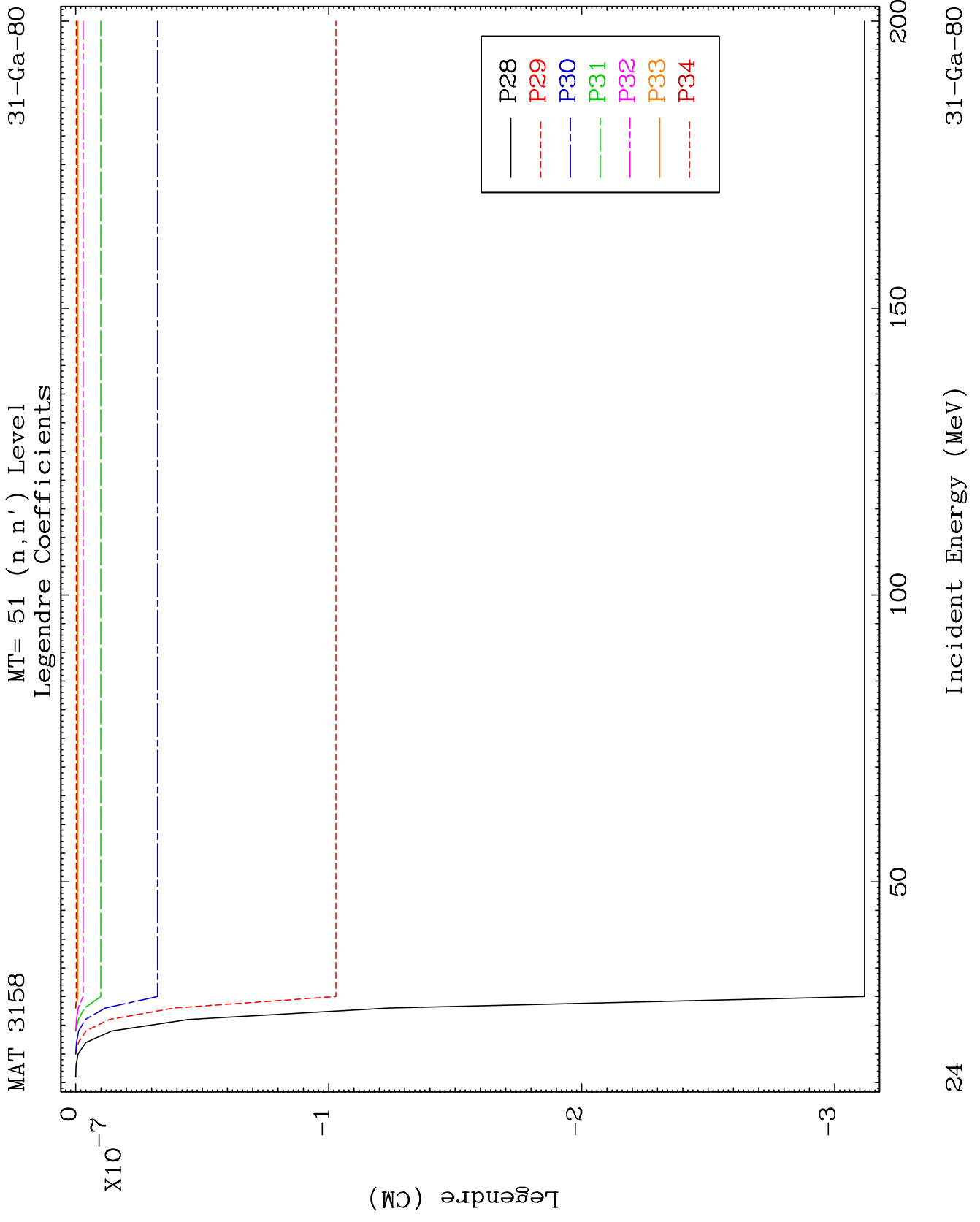
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Incident Energy (MeV)

31-Ga-80



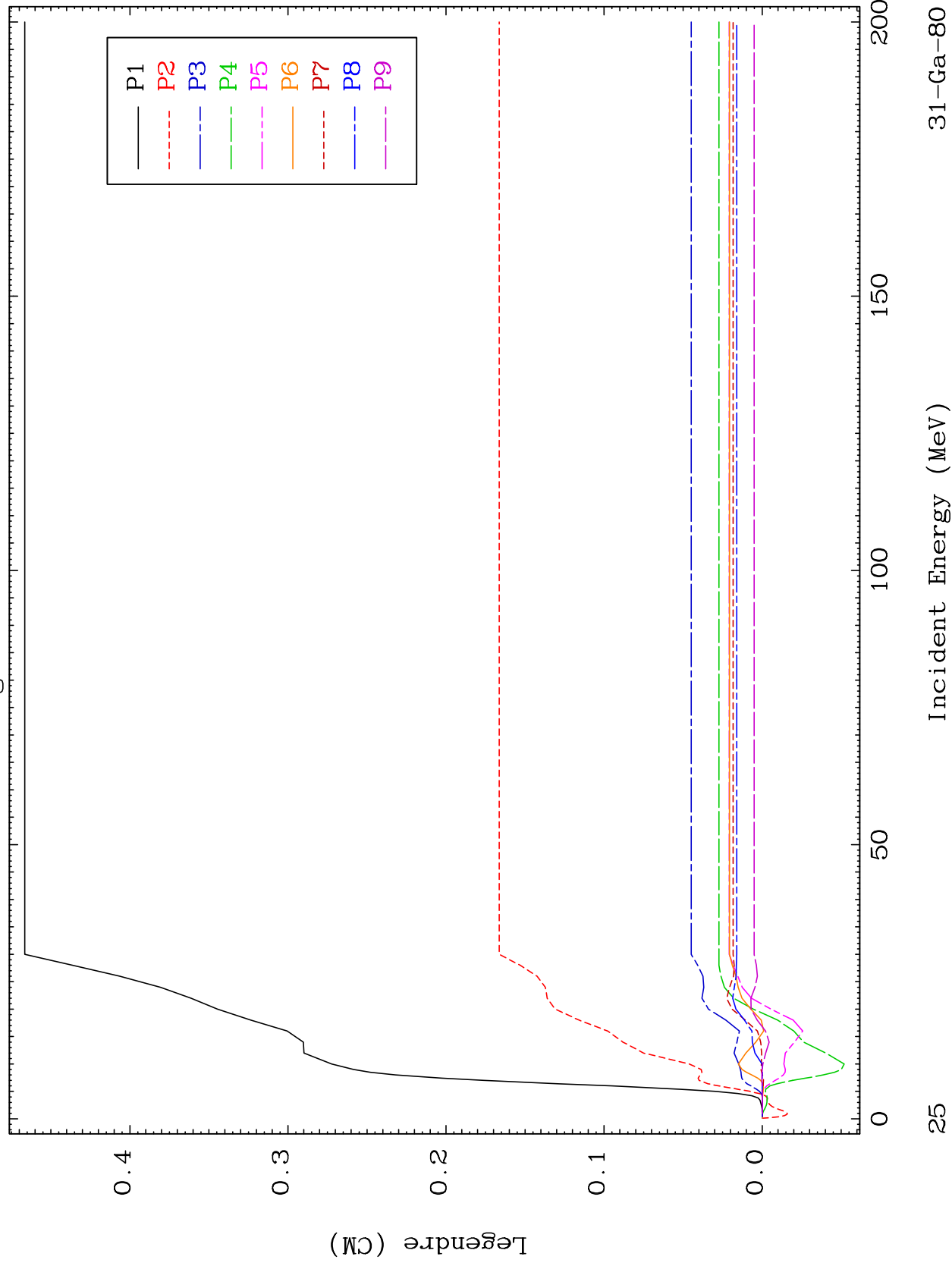




MAT 3158

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

31-Ga-80



31-Ga-80

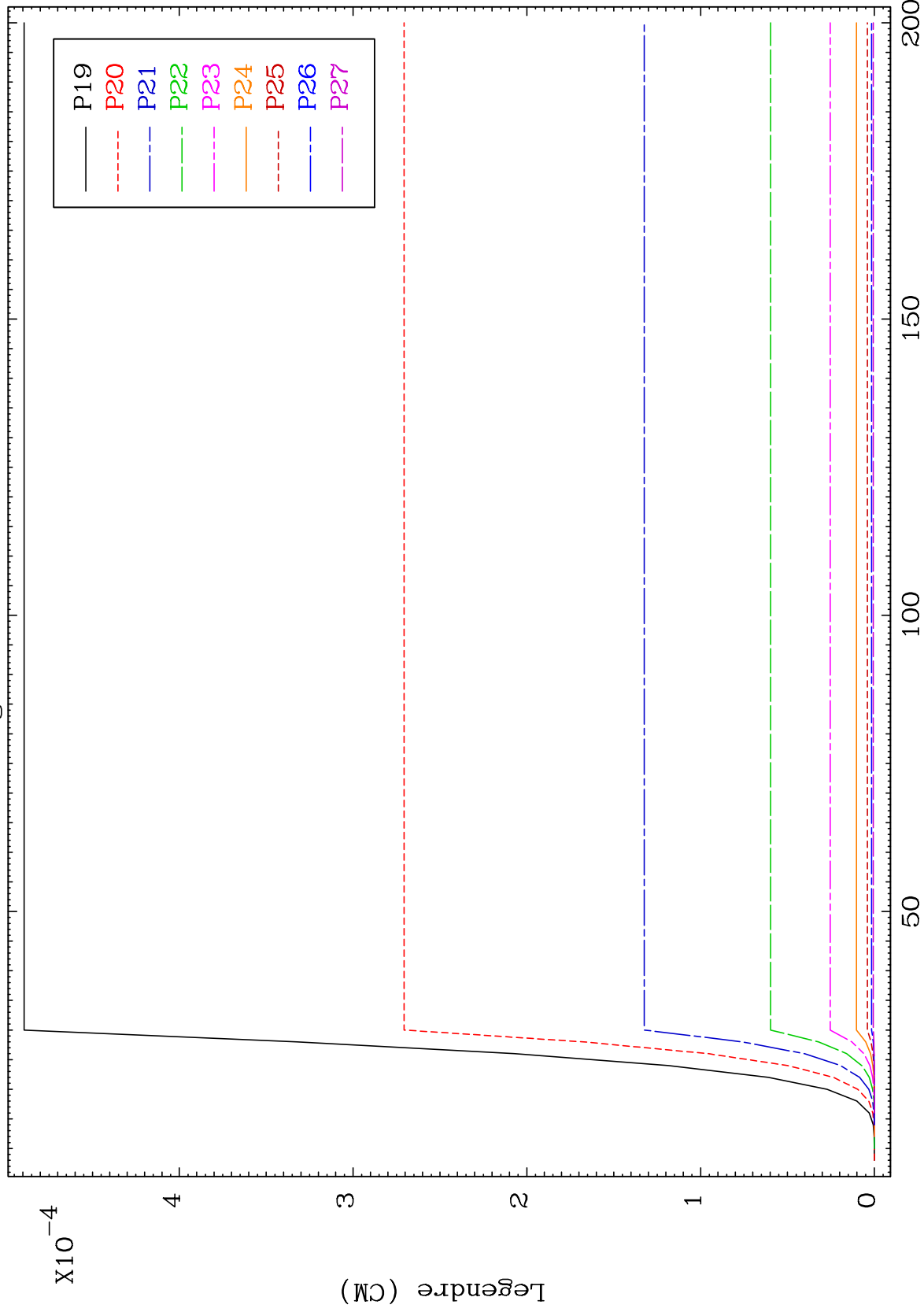
Incident Energy (MeV)

25

MAT 3158

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

31-Ga-80



27

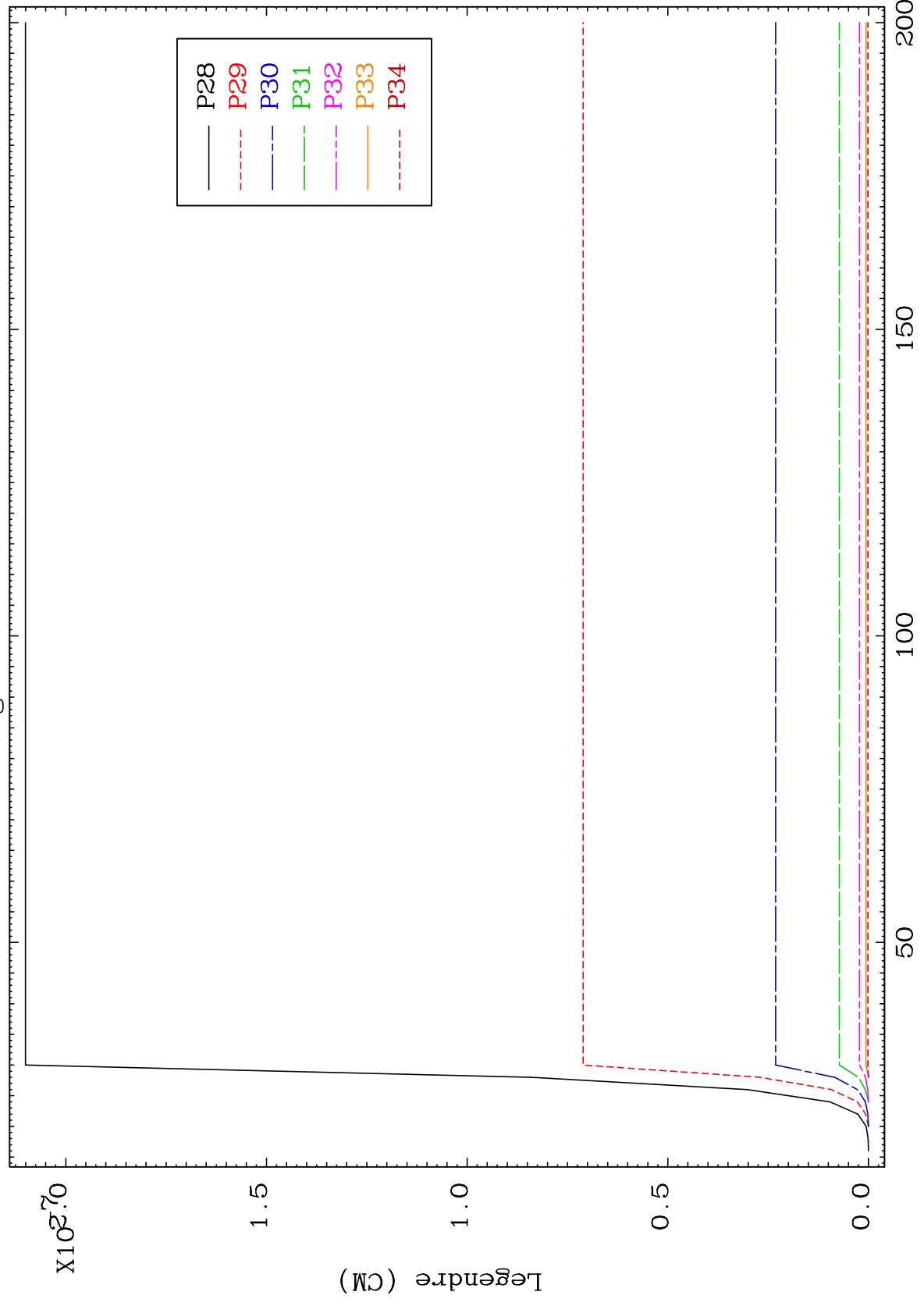
Incident Energy (MeV)

31-Ga-80

MAT 3158

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

31-Ga-80



28

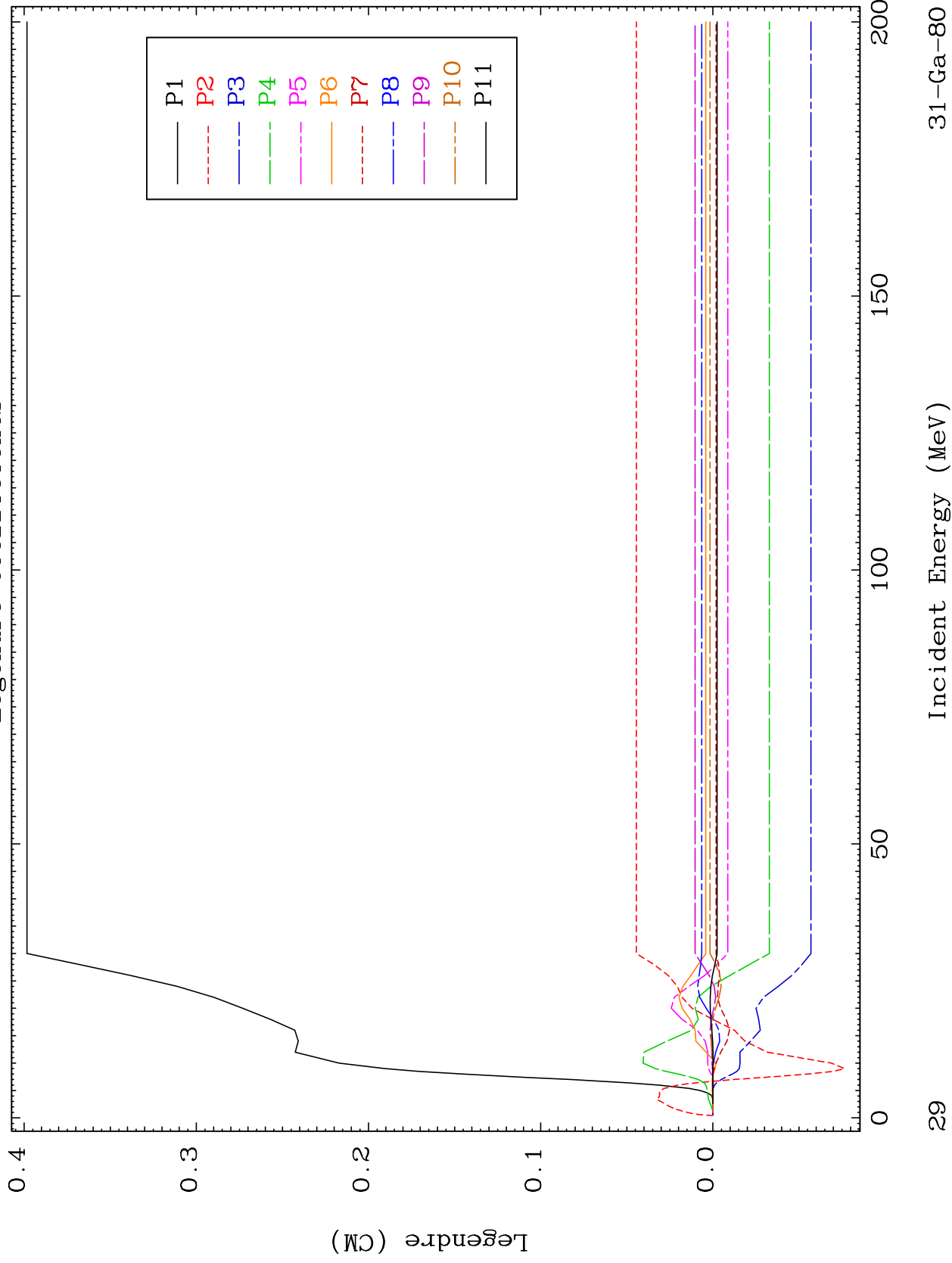
Incident Energy (MeV)

31-Ga-80

MAT 3158

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

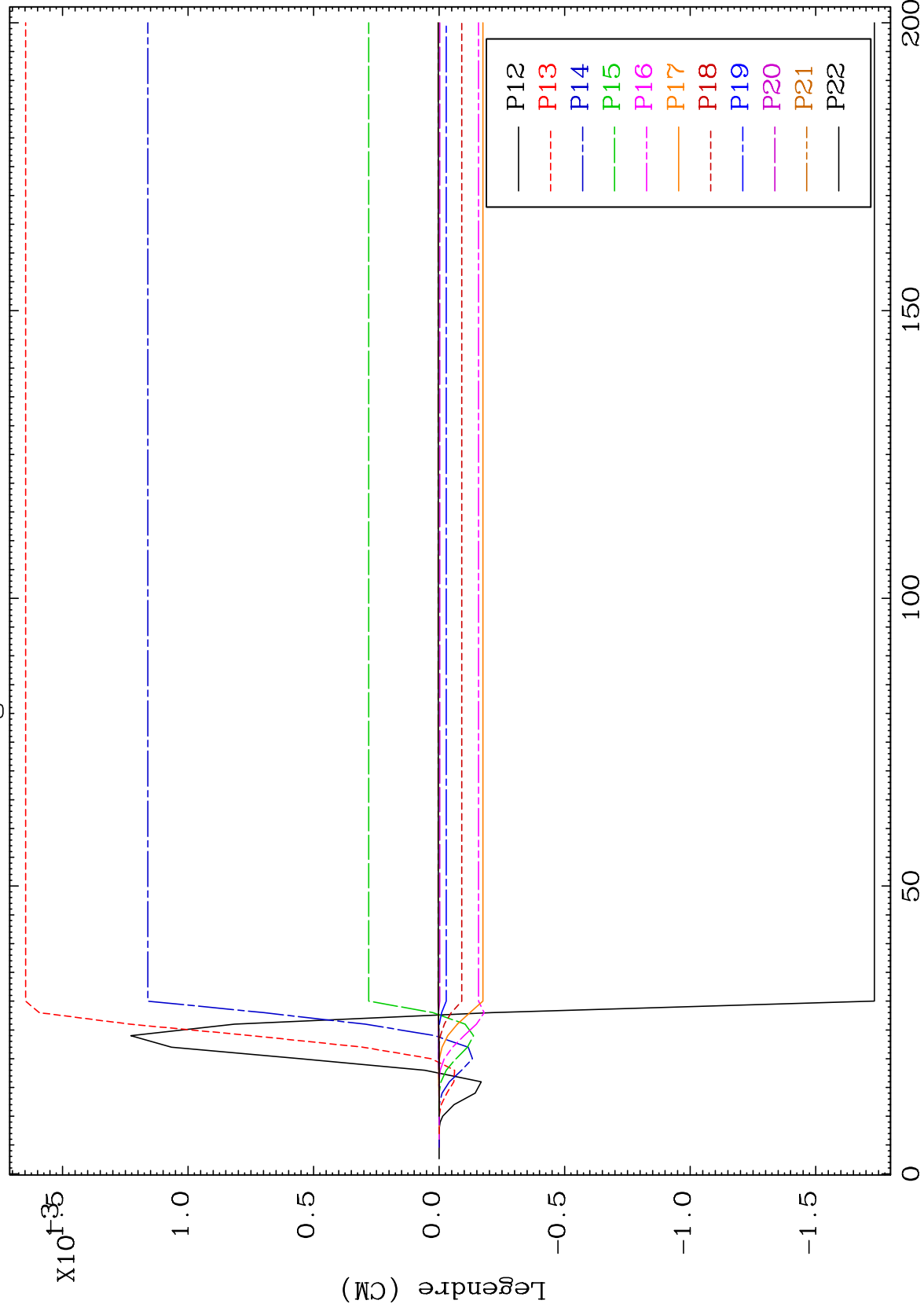
31-Ga-80



MAT 3158

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

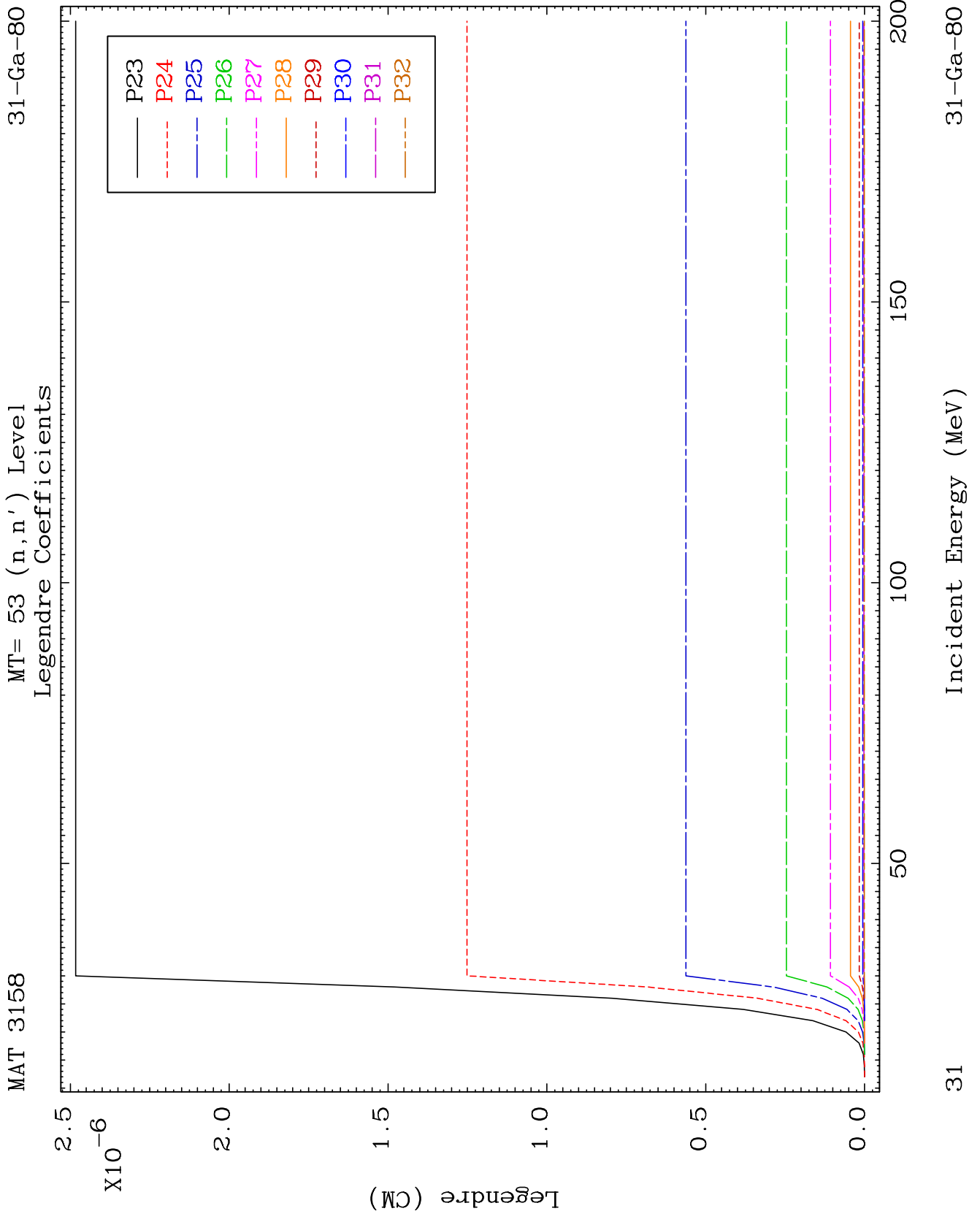
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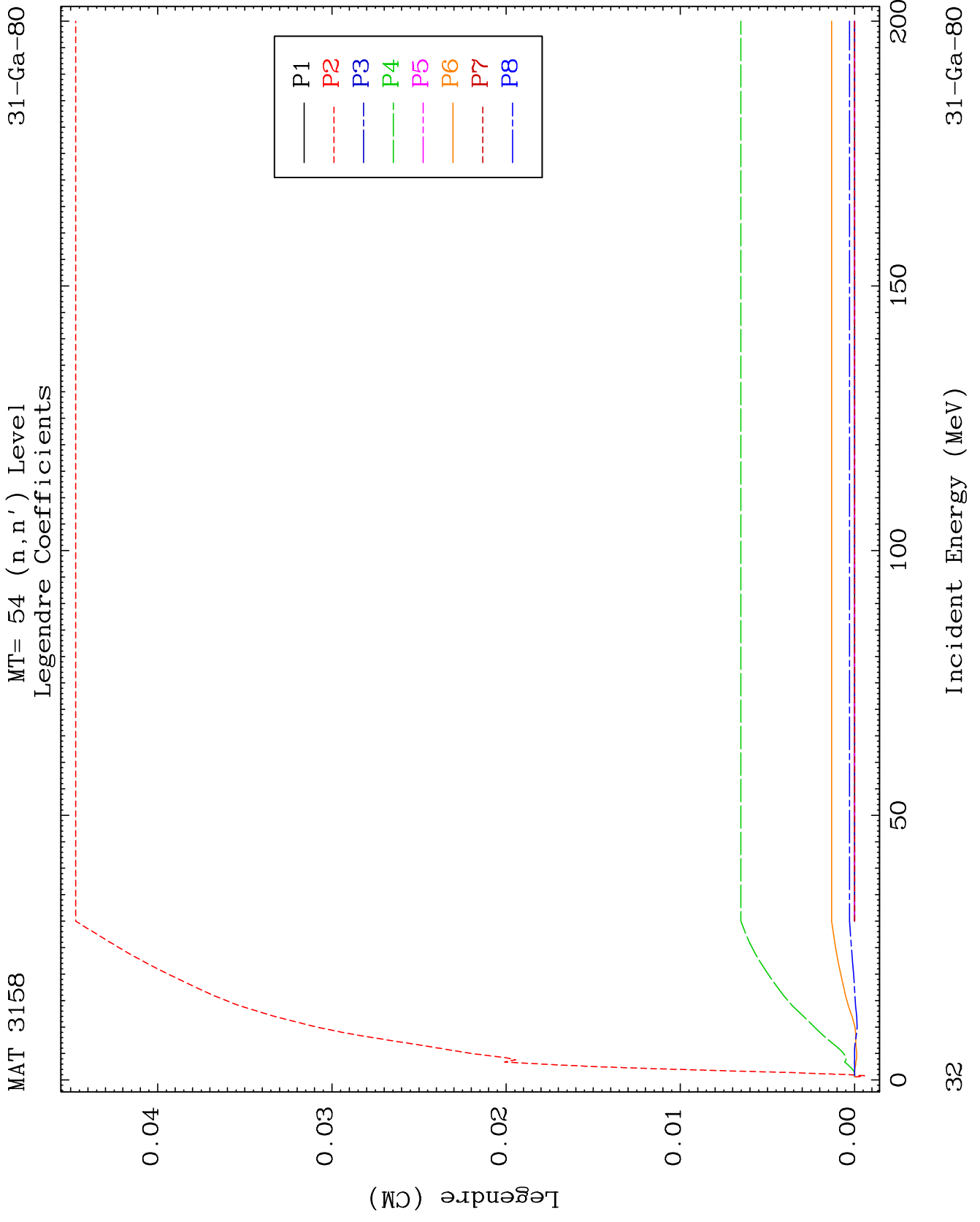


30

Incident Energy (MeV)

31-Ga-80

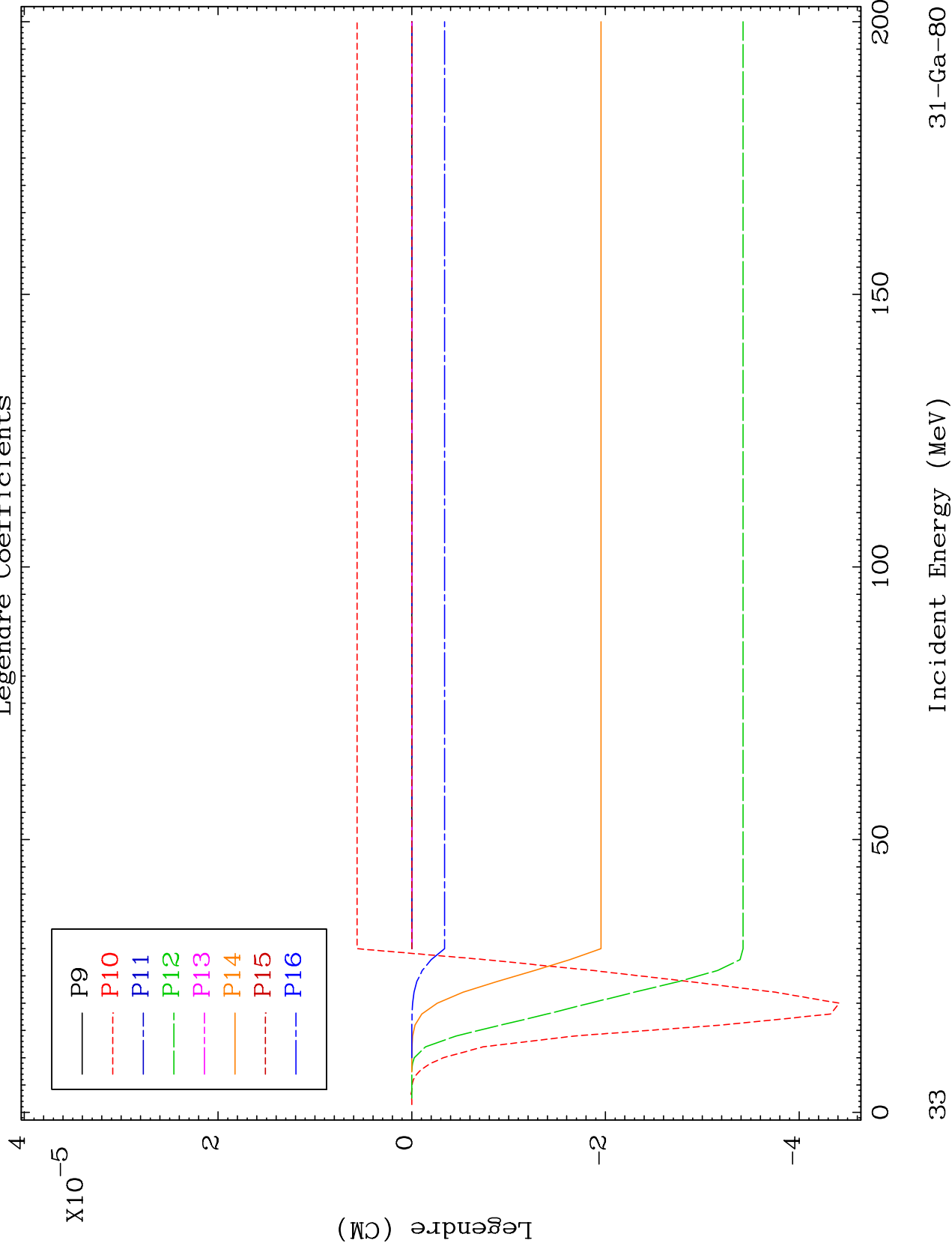


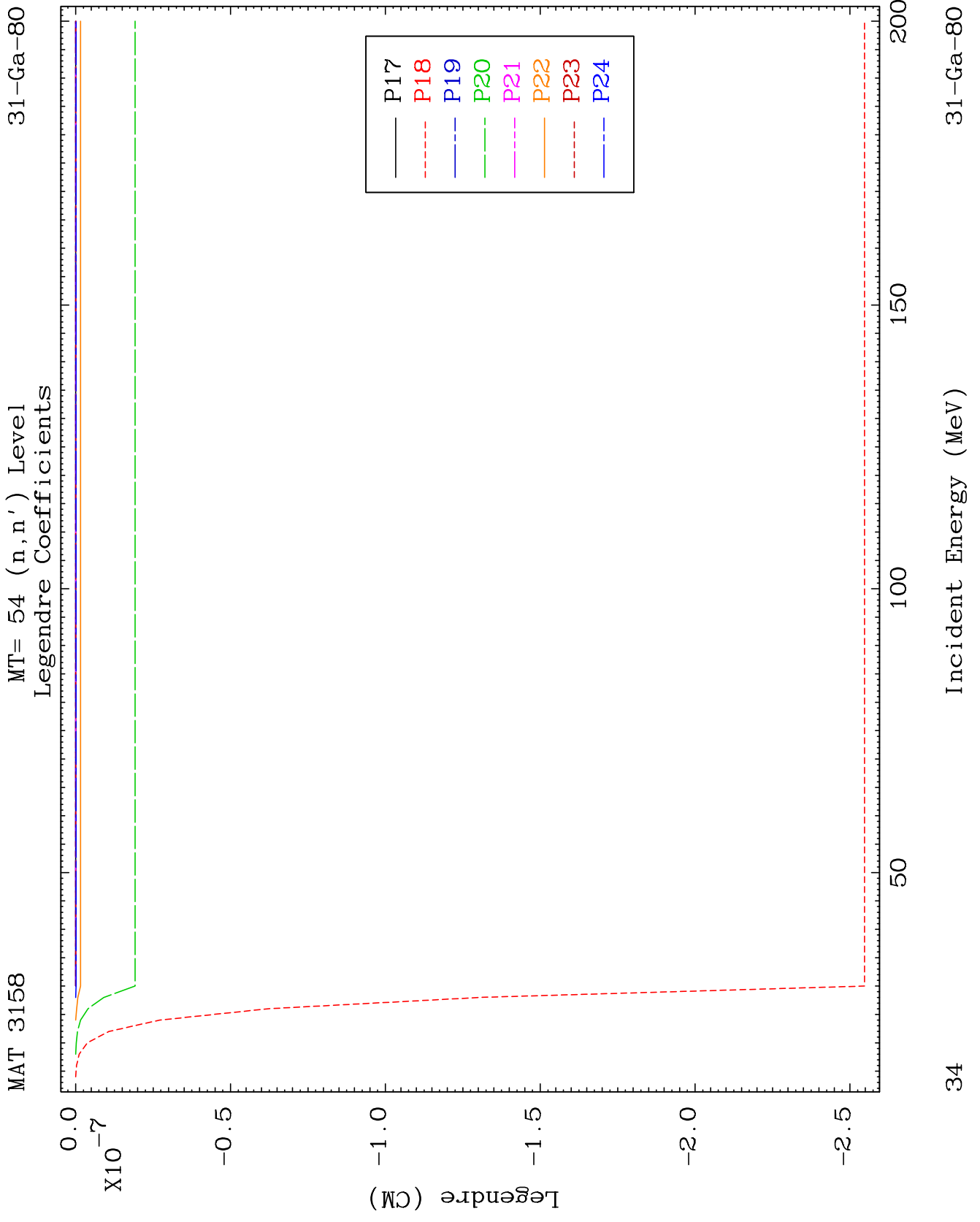


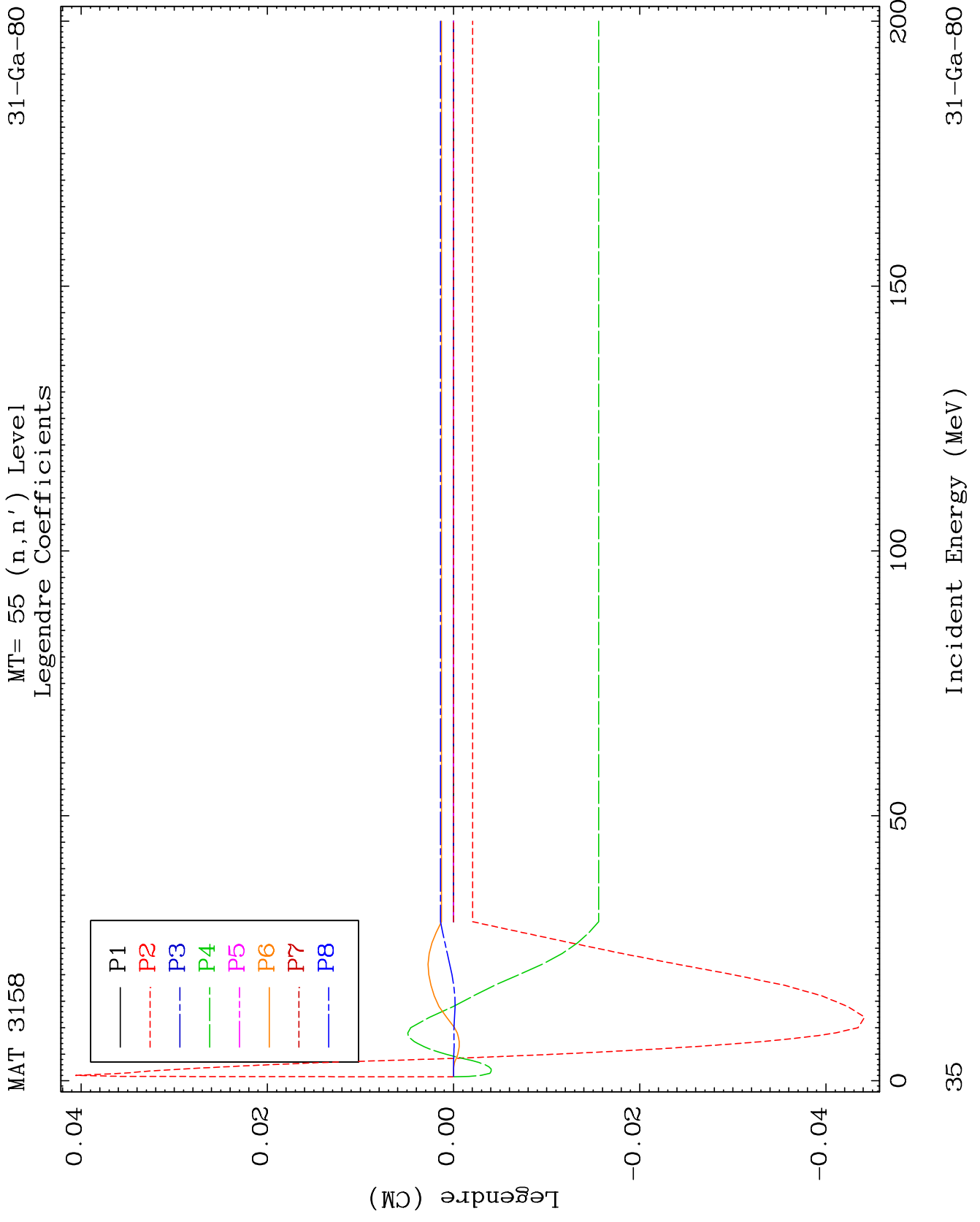
MAT 3158

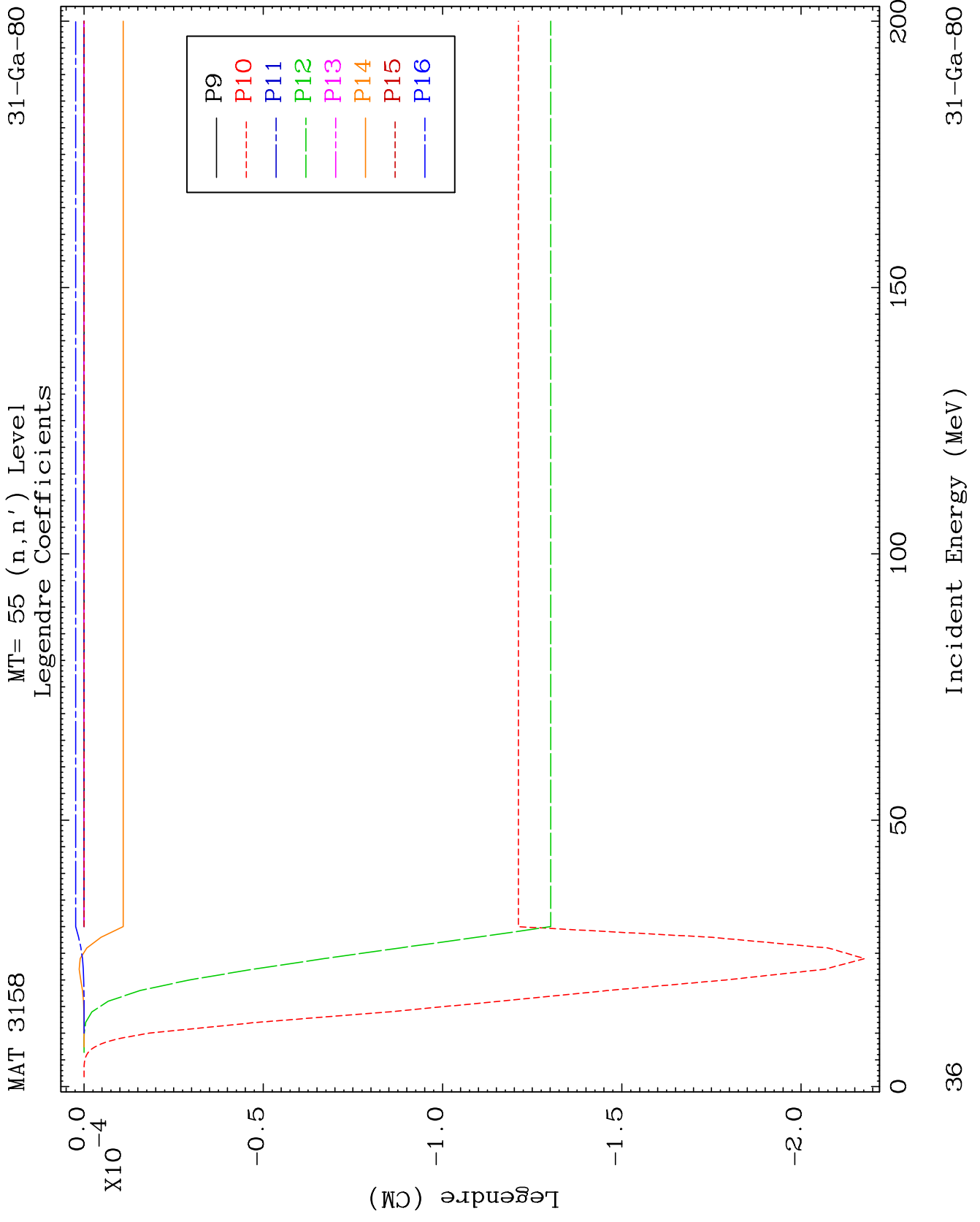
MT= 54 (n,n') Level
Legendre Coefficients

31-Ga-80





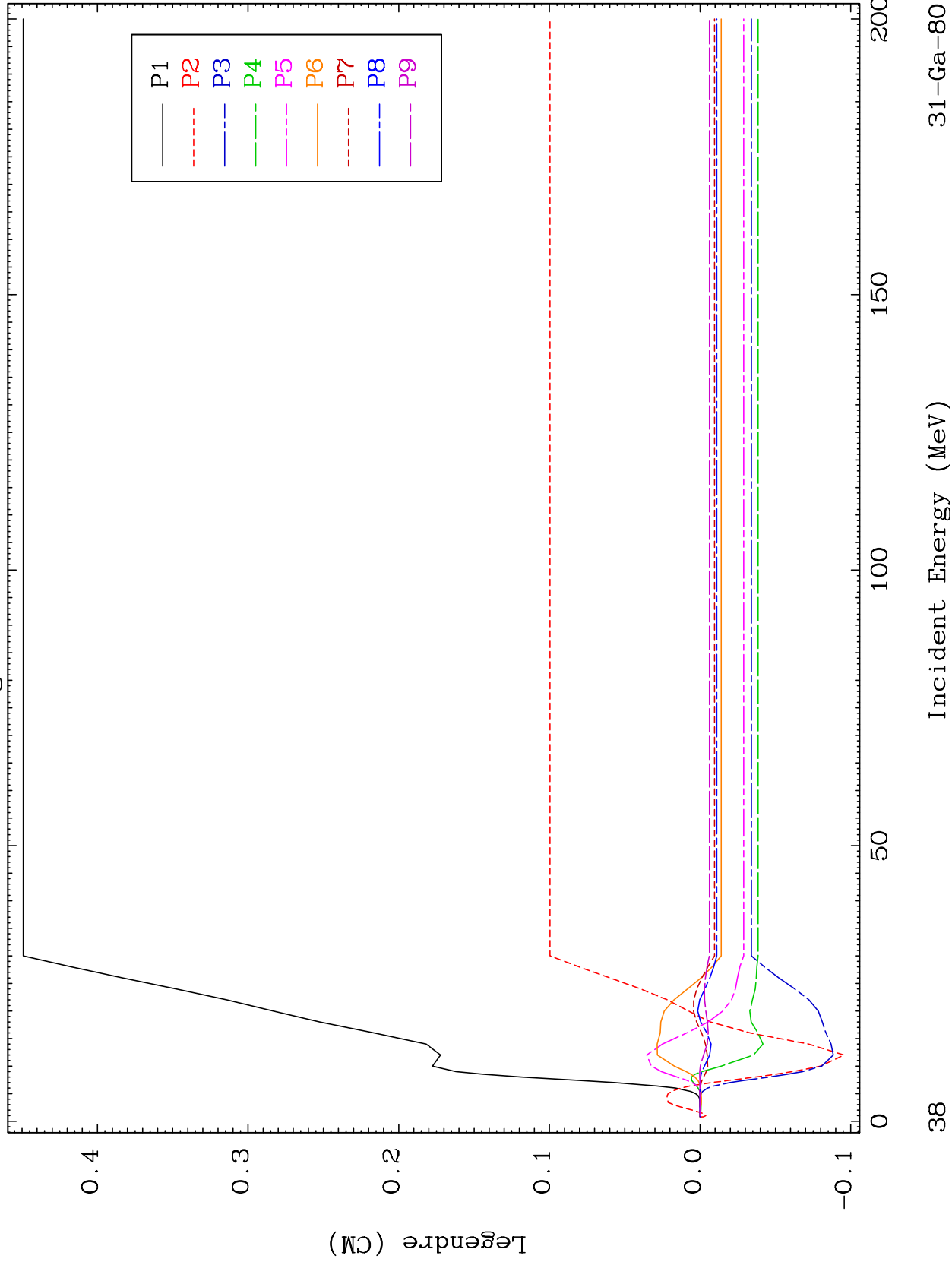




MAT 3158

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

31-Ga-80



31-Ga-80

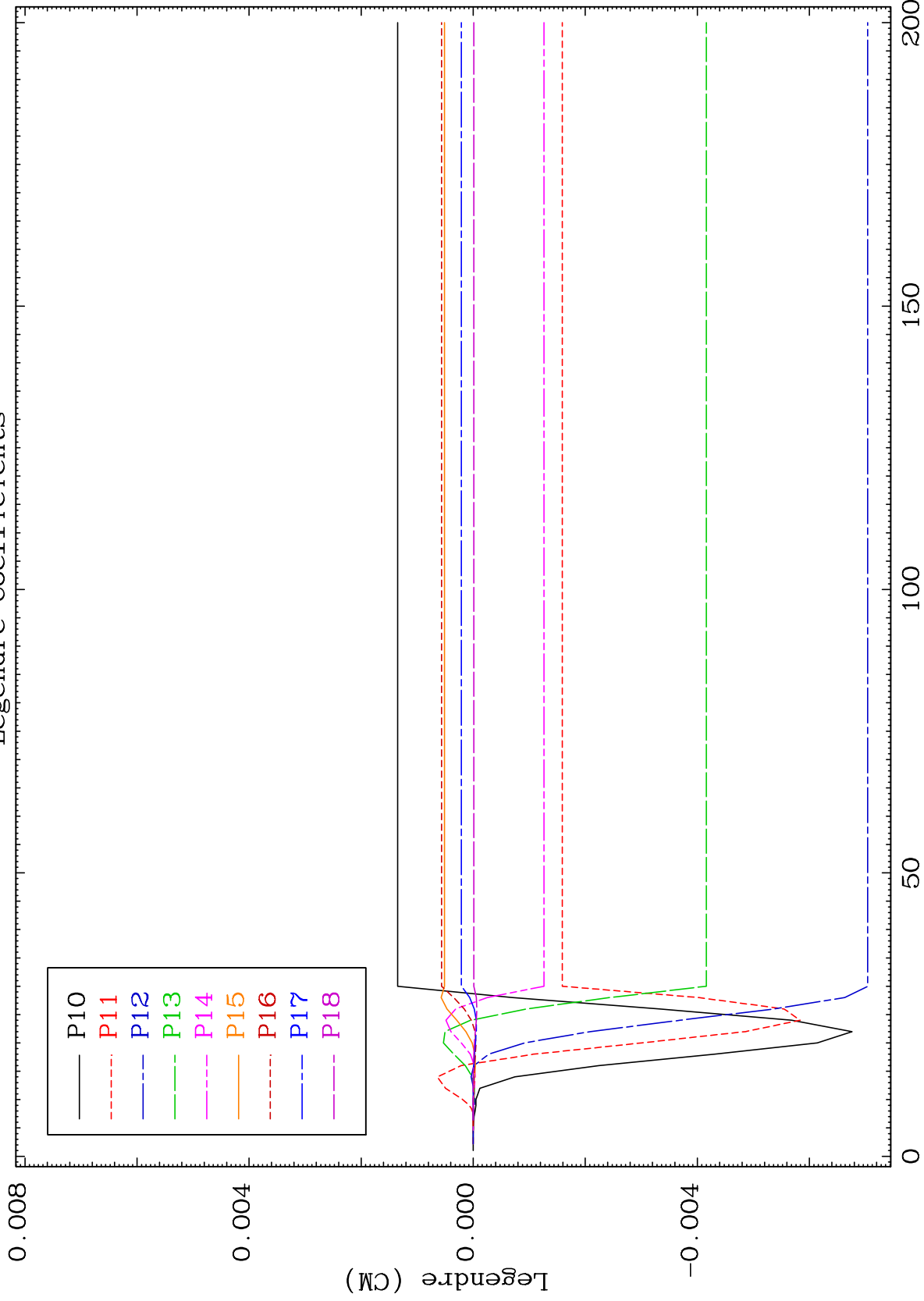
Incident Energy (MeV)

38

MAT 3158

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

31-Ga-80



39

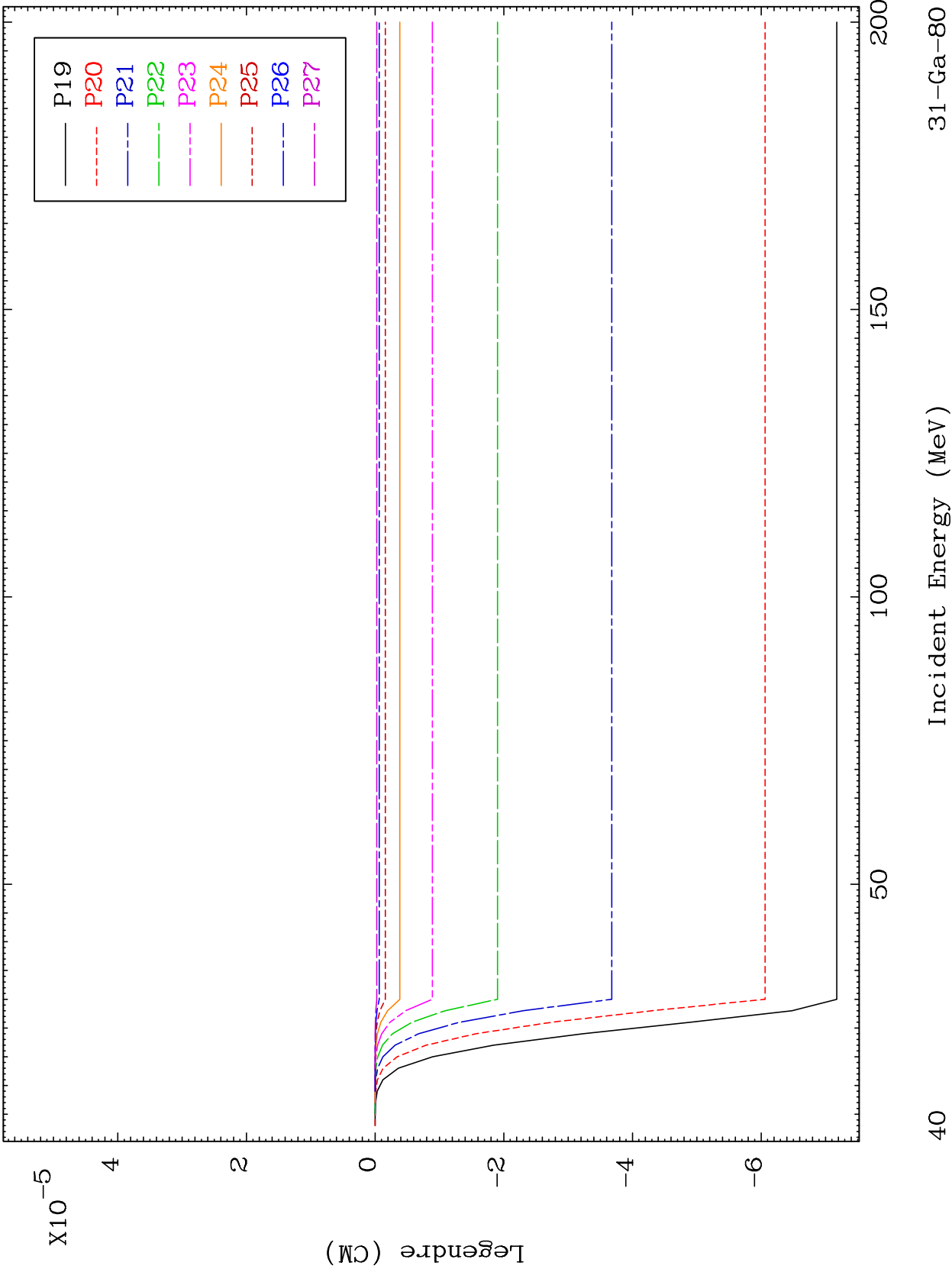
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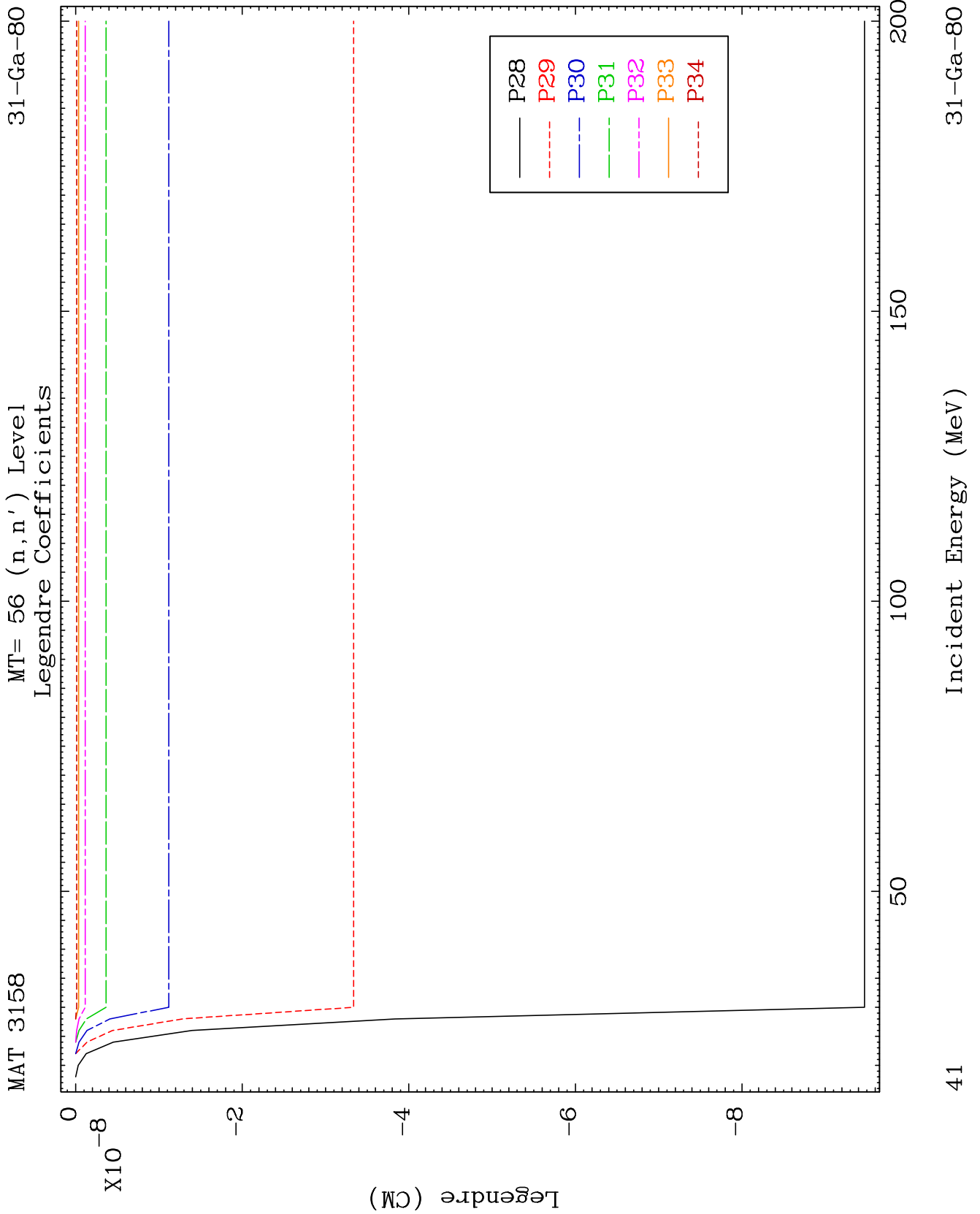
31-Ga-80

MAT 3158

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

31-Ga-80

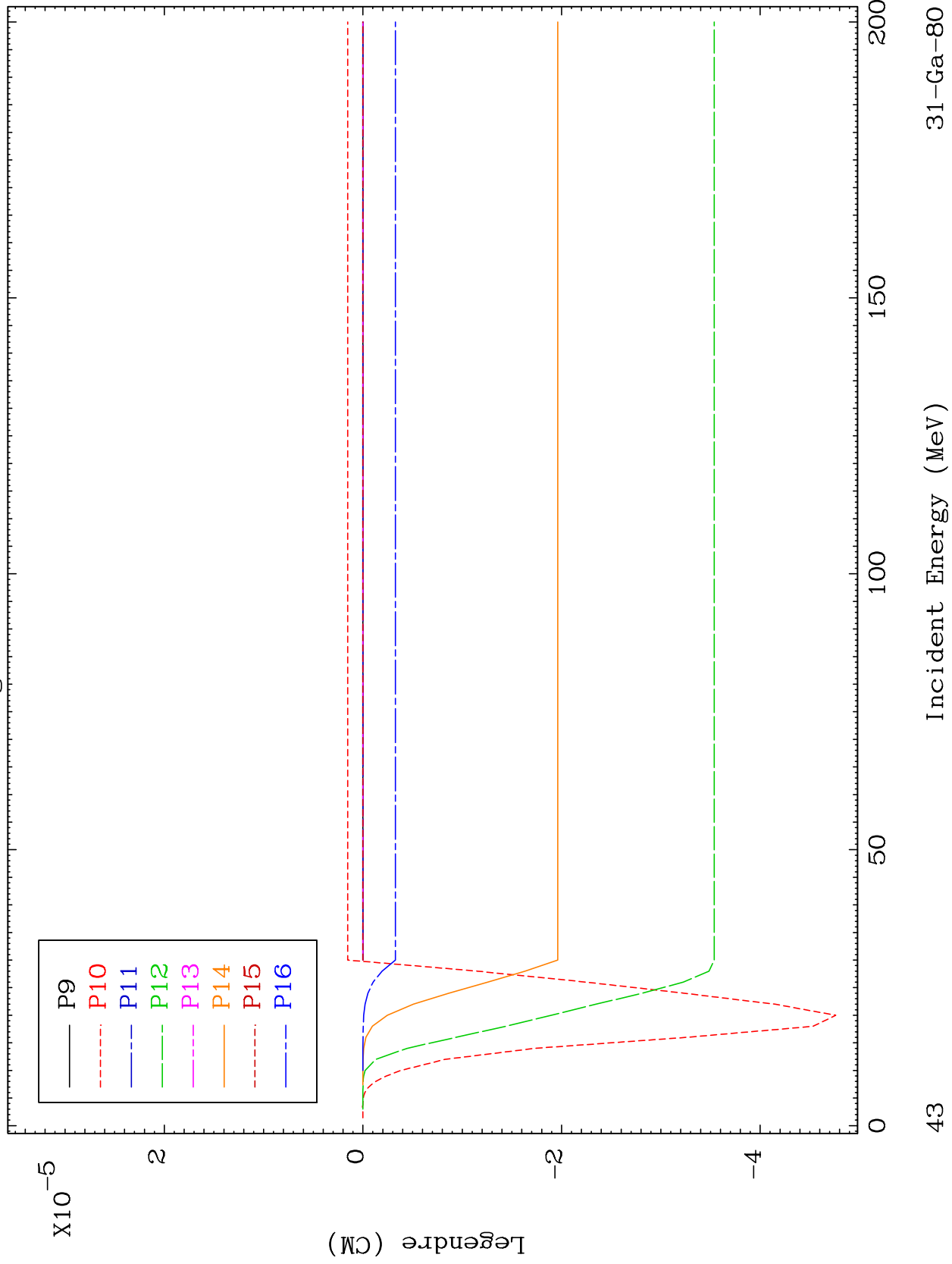




MAT 3158

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

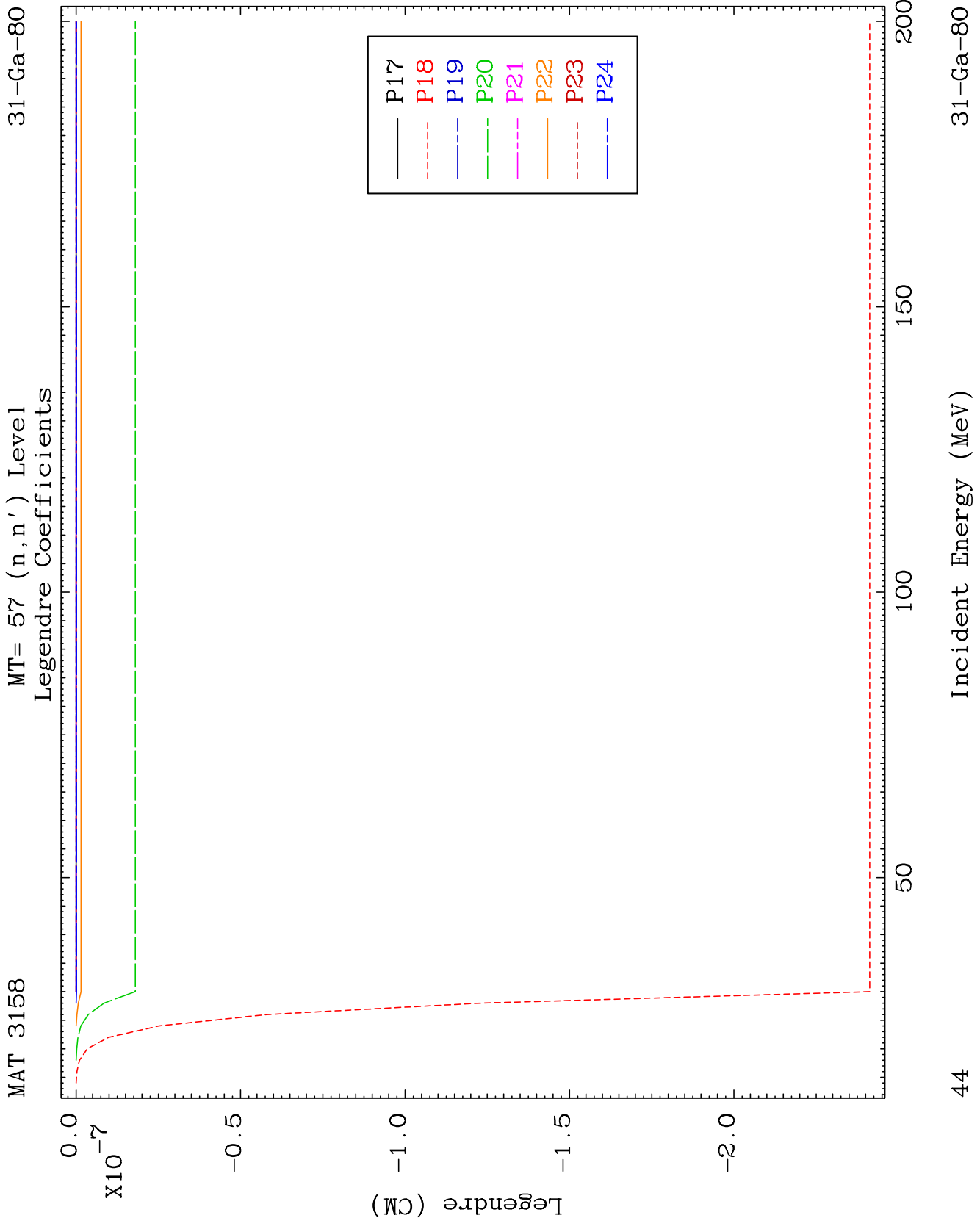
31-Ga-80

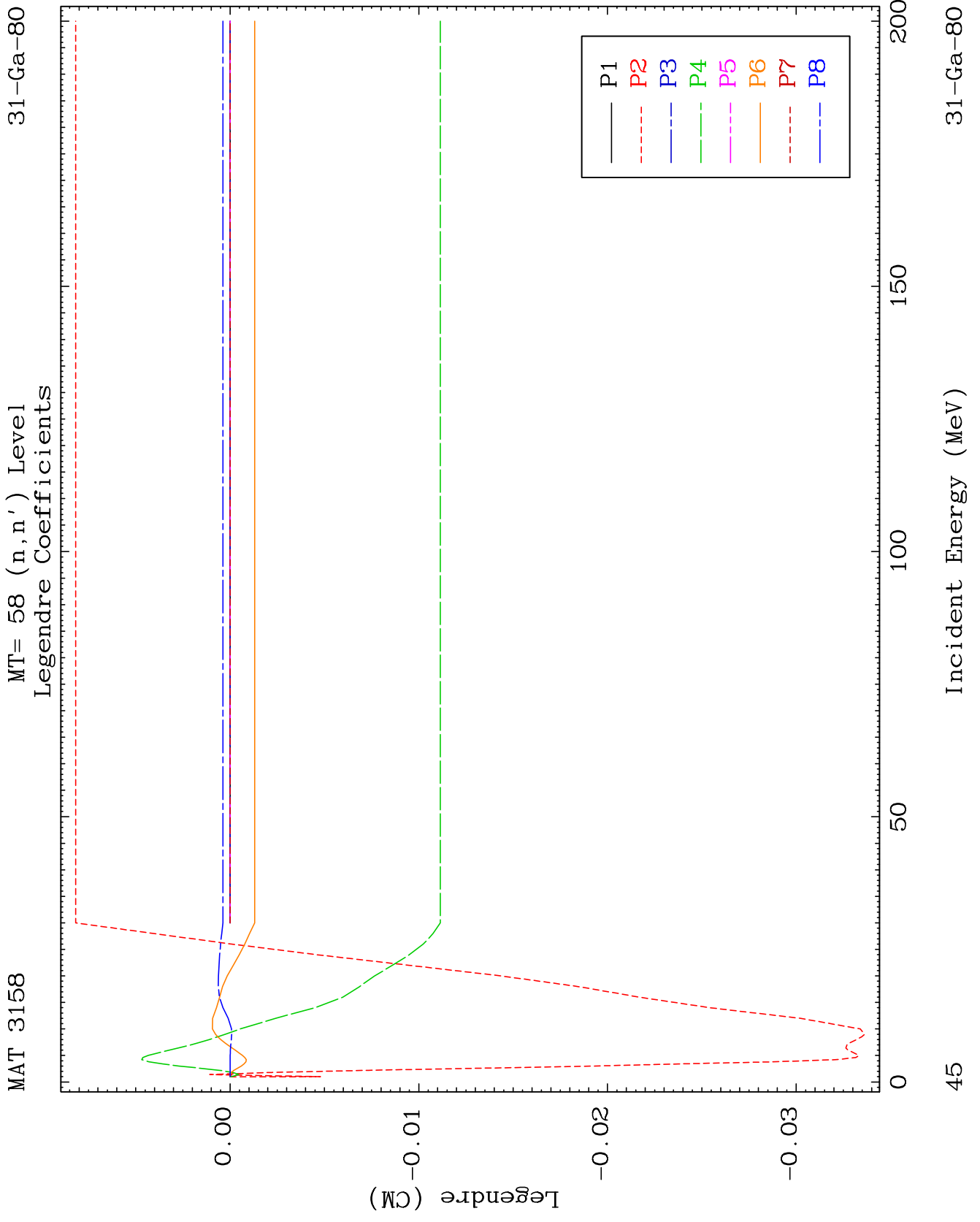


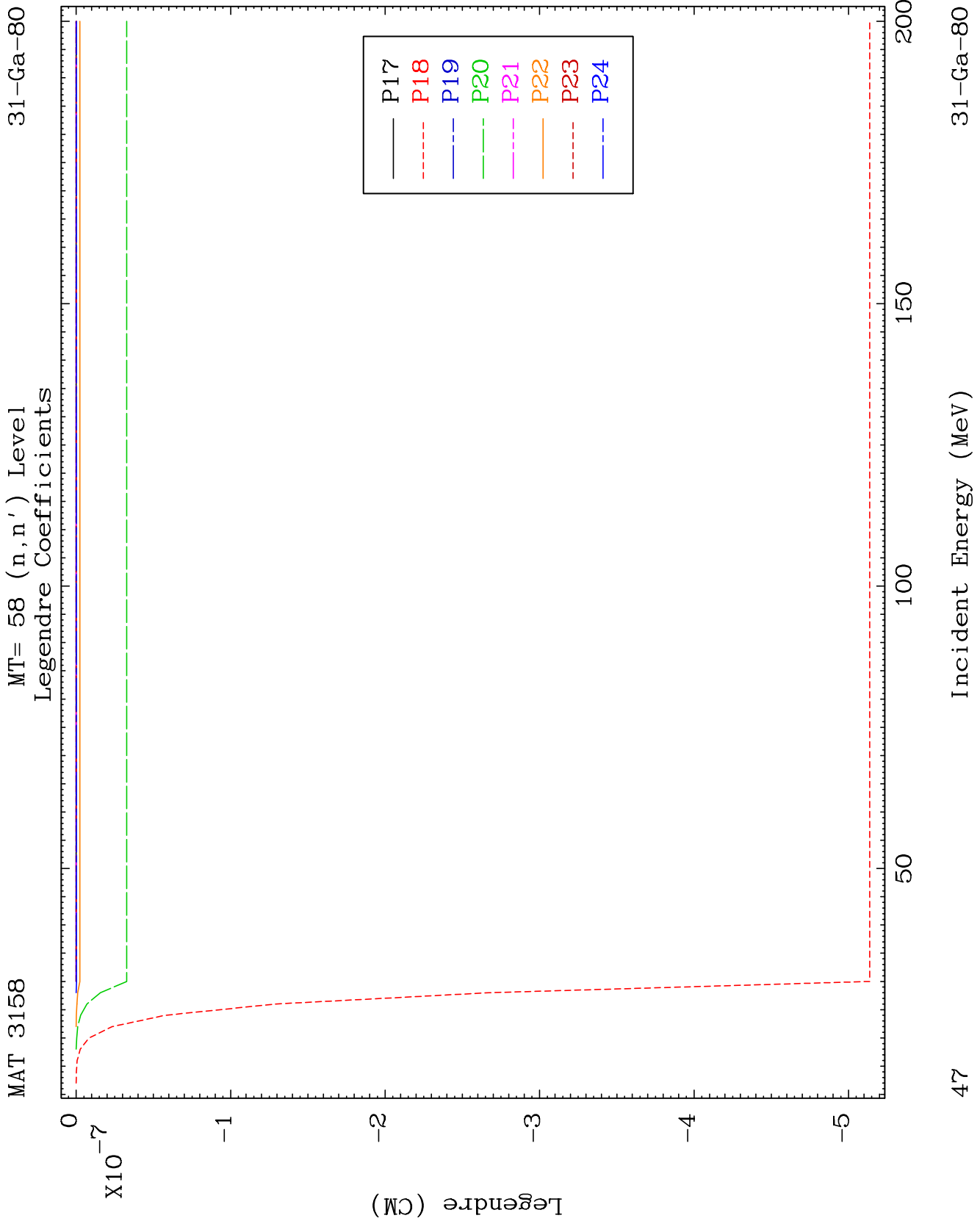
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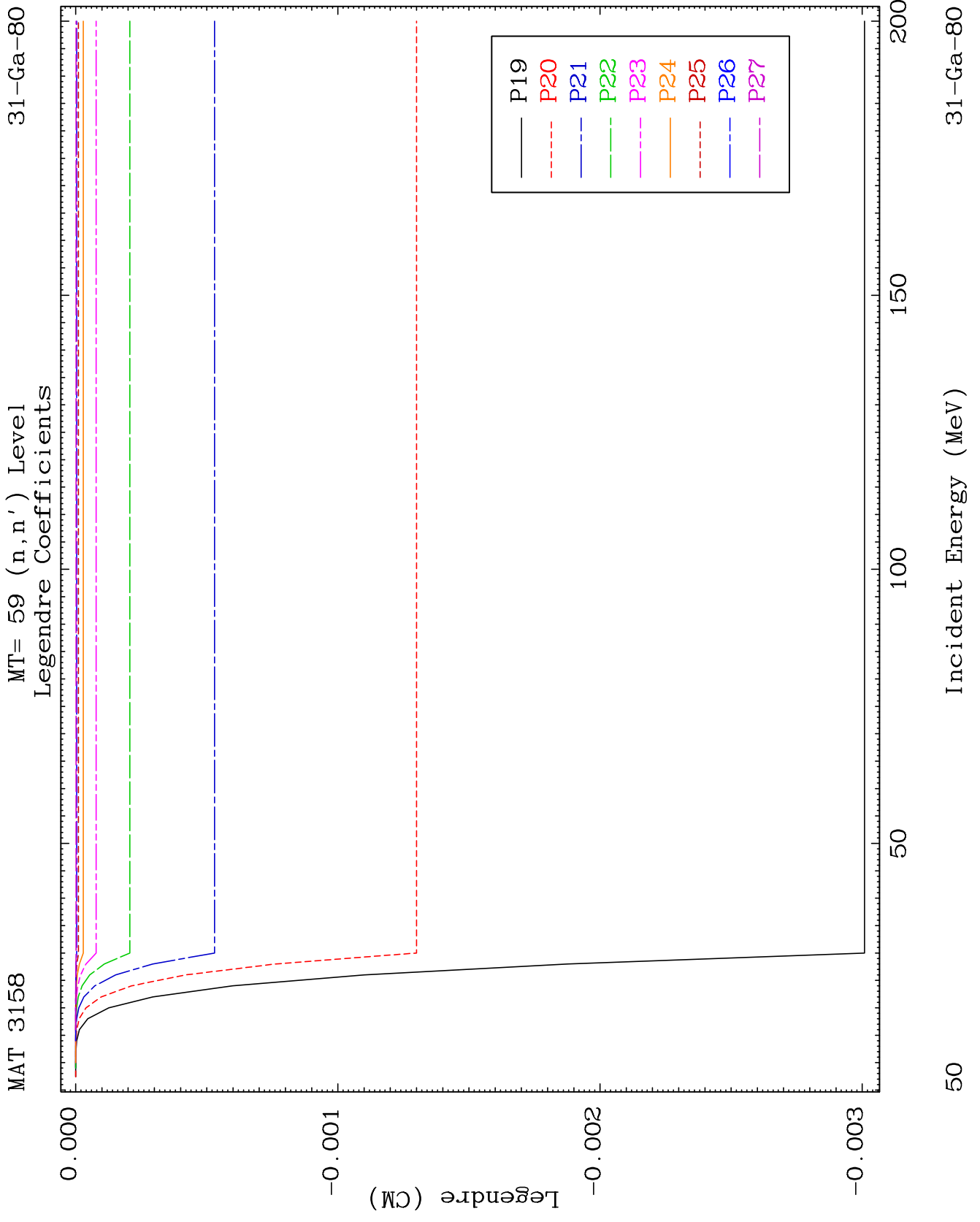
Incident Energy (MeV)

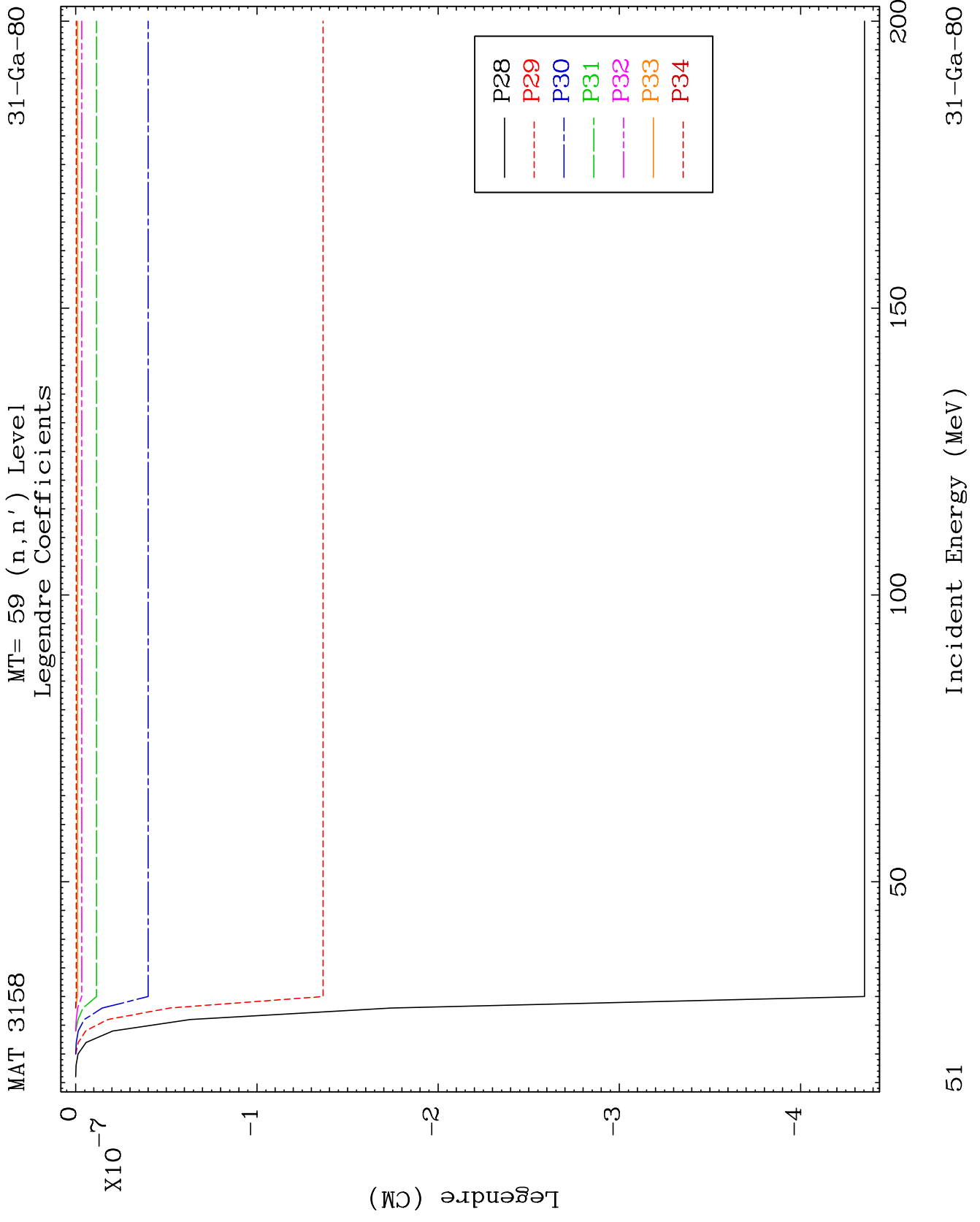
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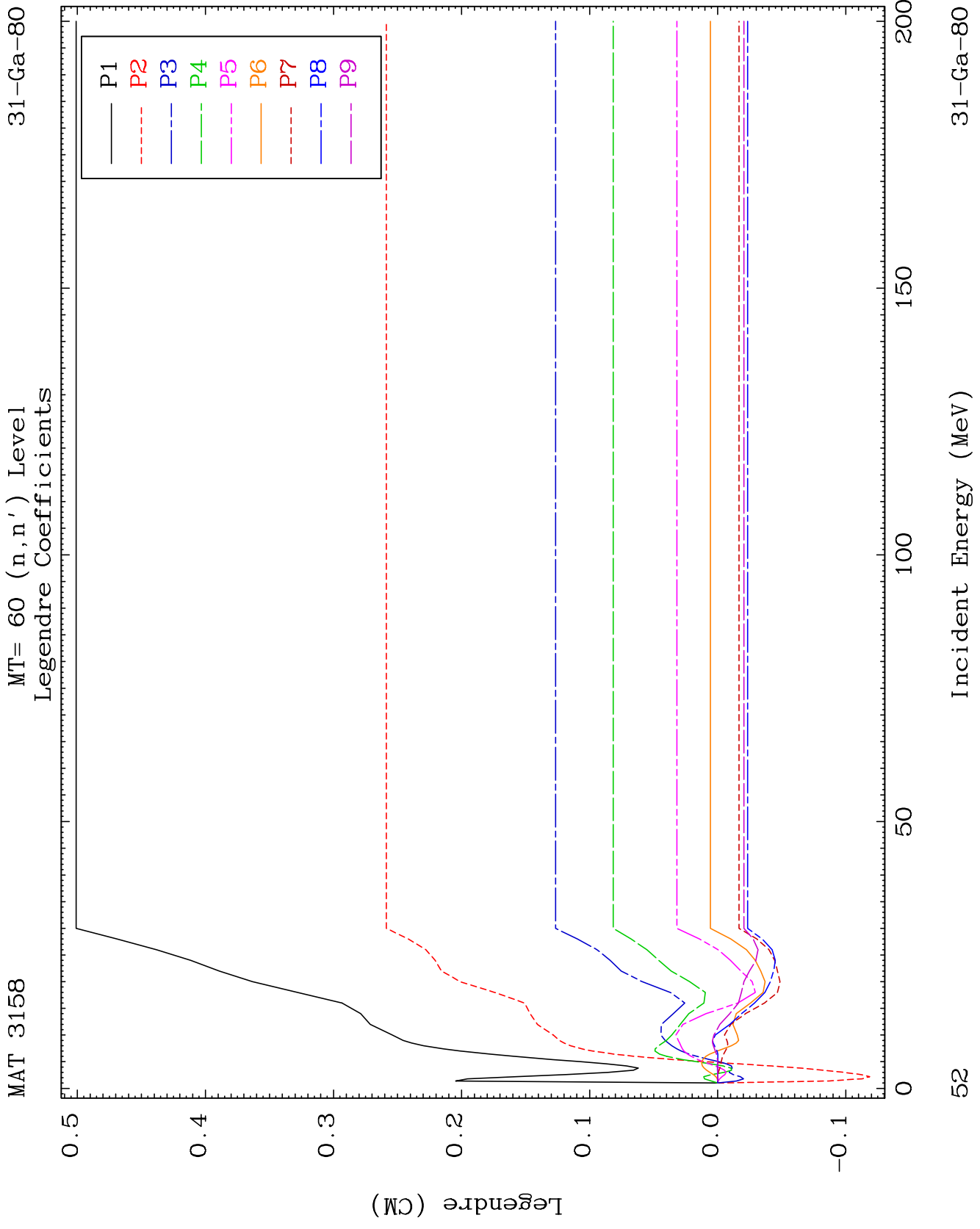








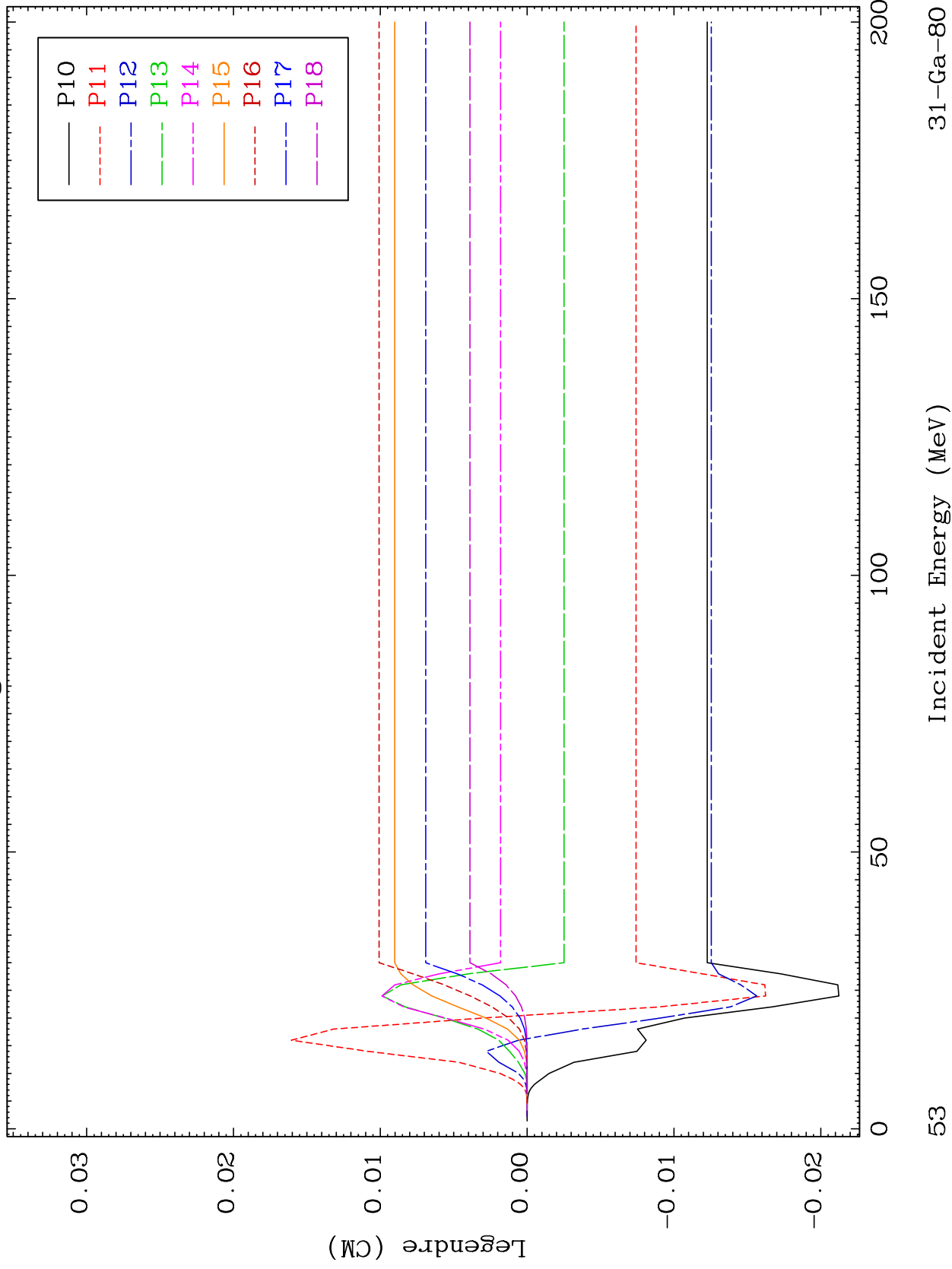




MAT 3158

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

31-Ga-80



31-Ga-80

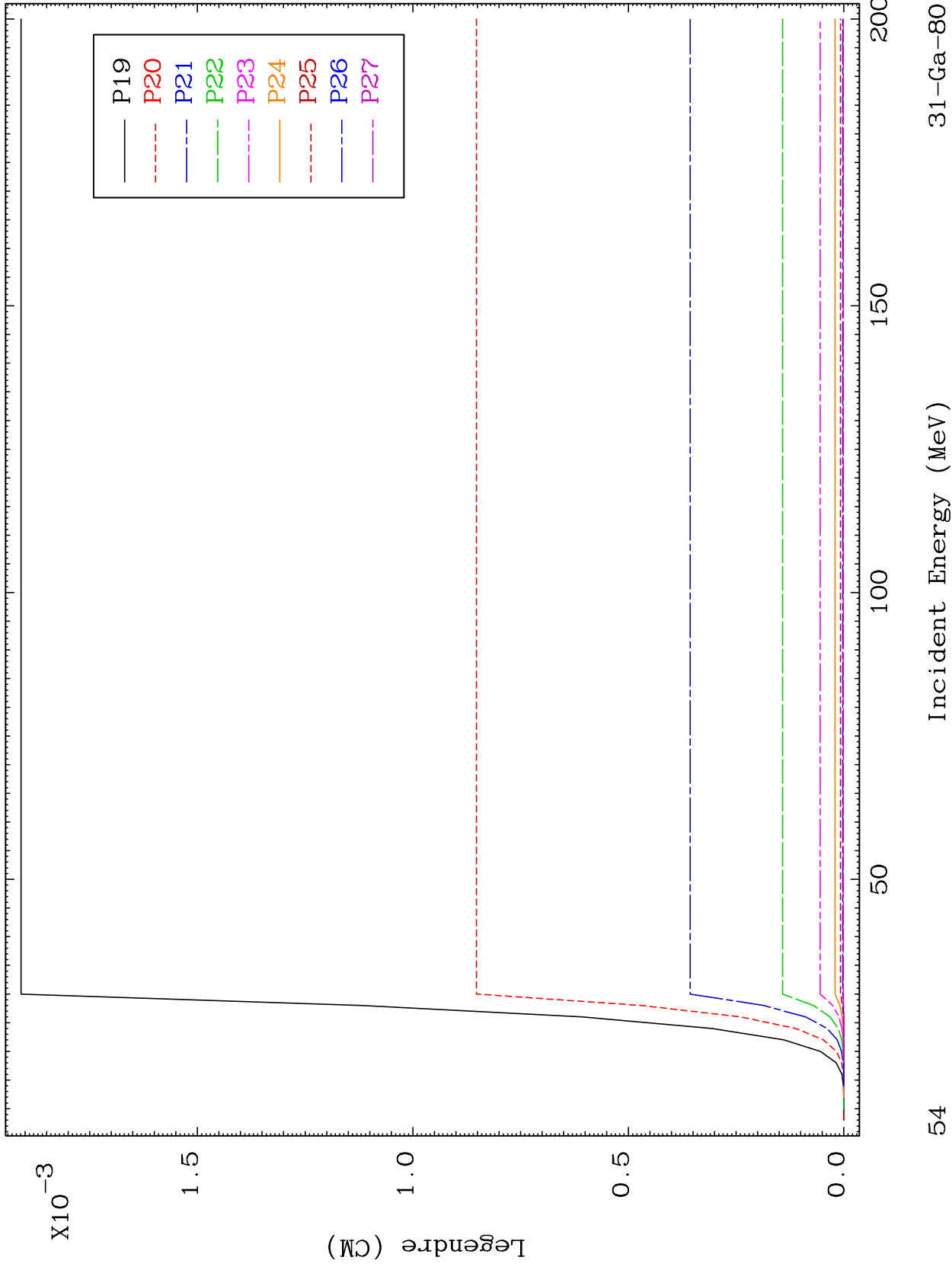
Incident Energy (MeV)

53

MAT 3158

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

31-Ga-80



54

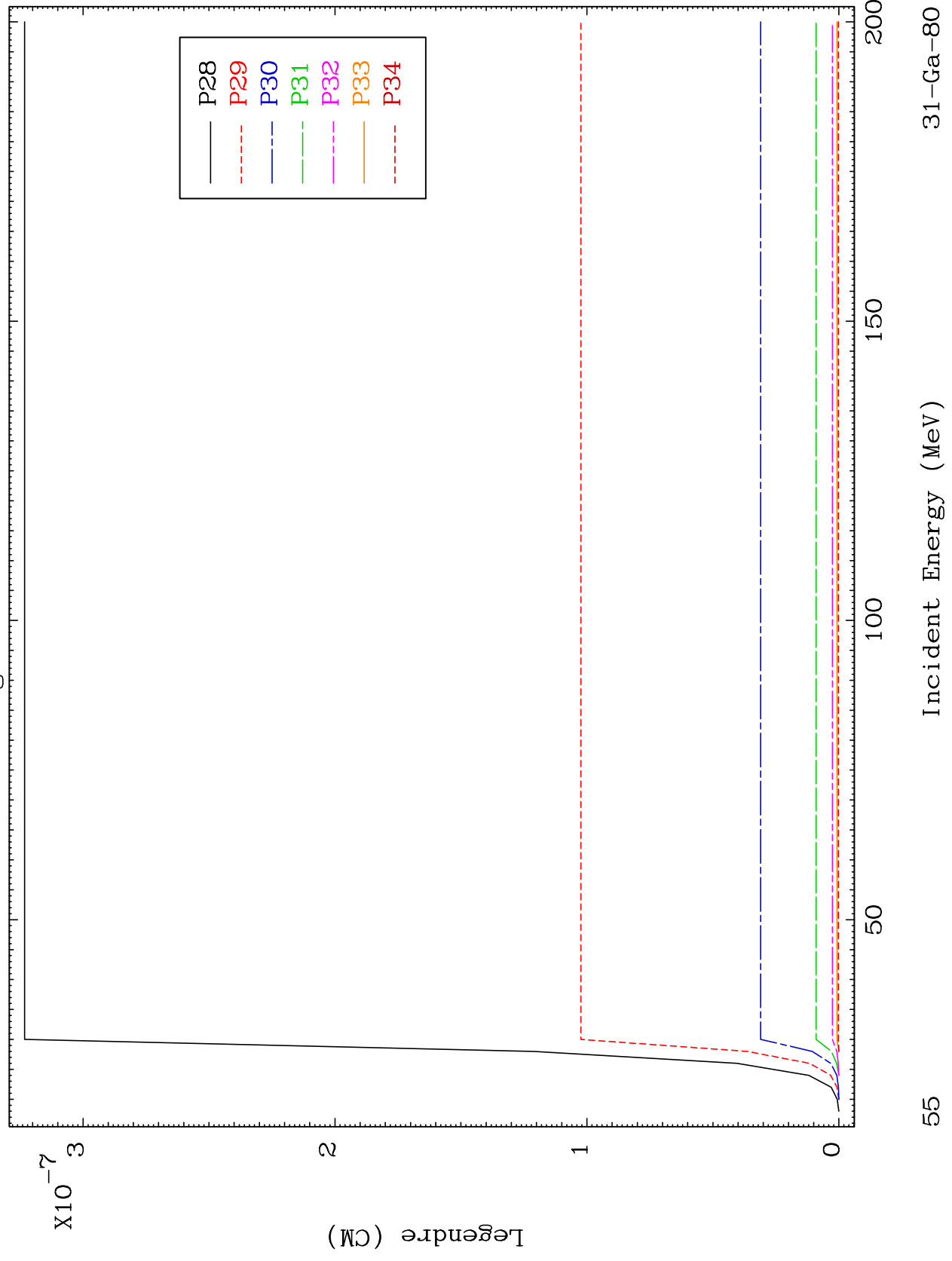
Incident Energy (MeV)

31-Ga-80

MAT 3158

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

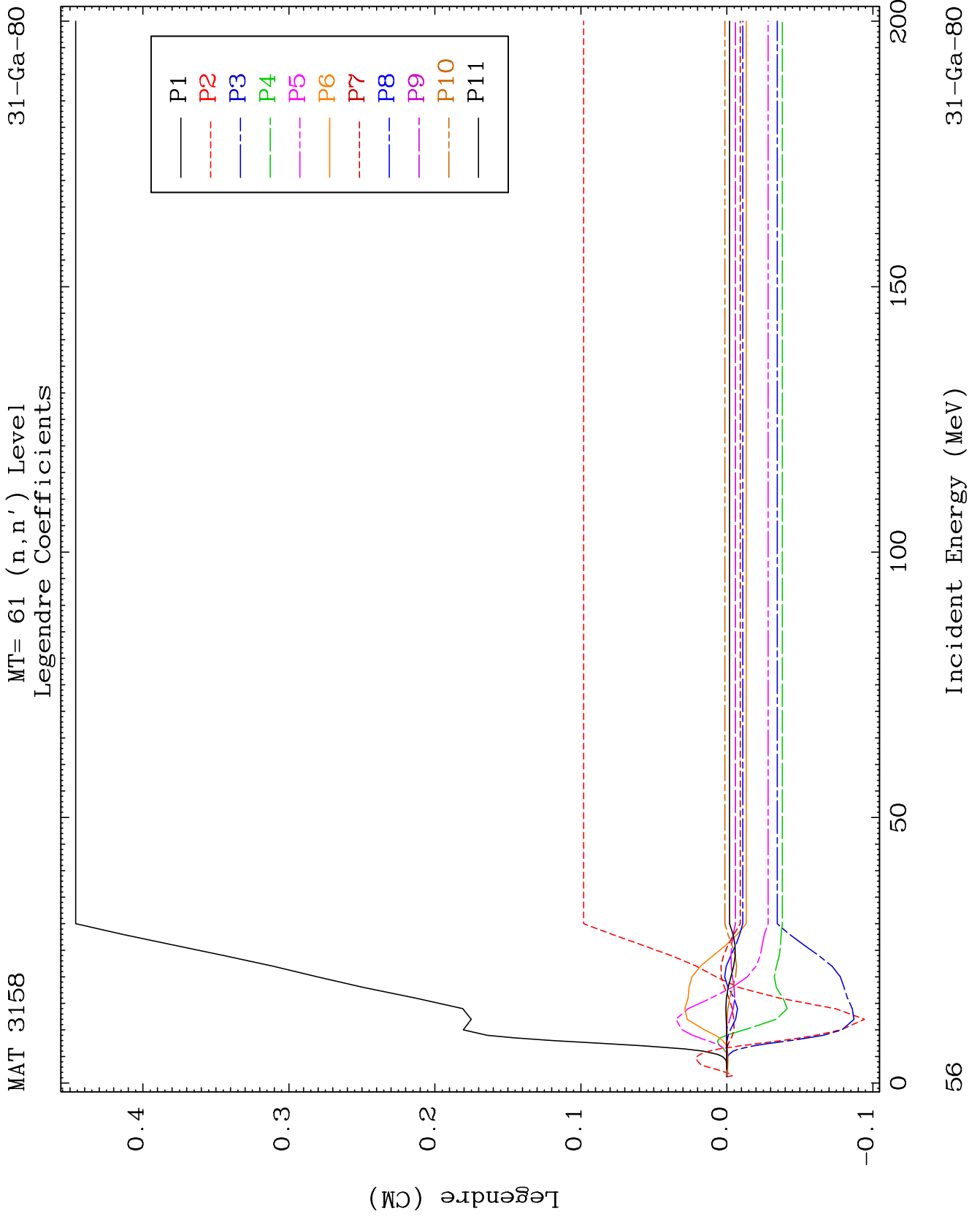
31-Ga-80



55

Incident Energy (MeV)

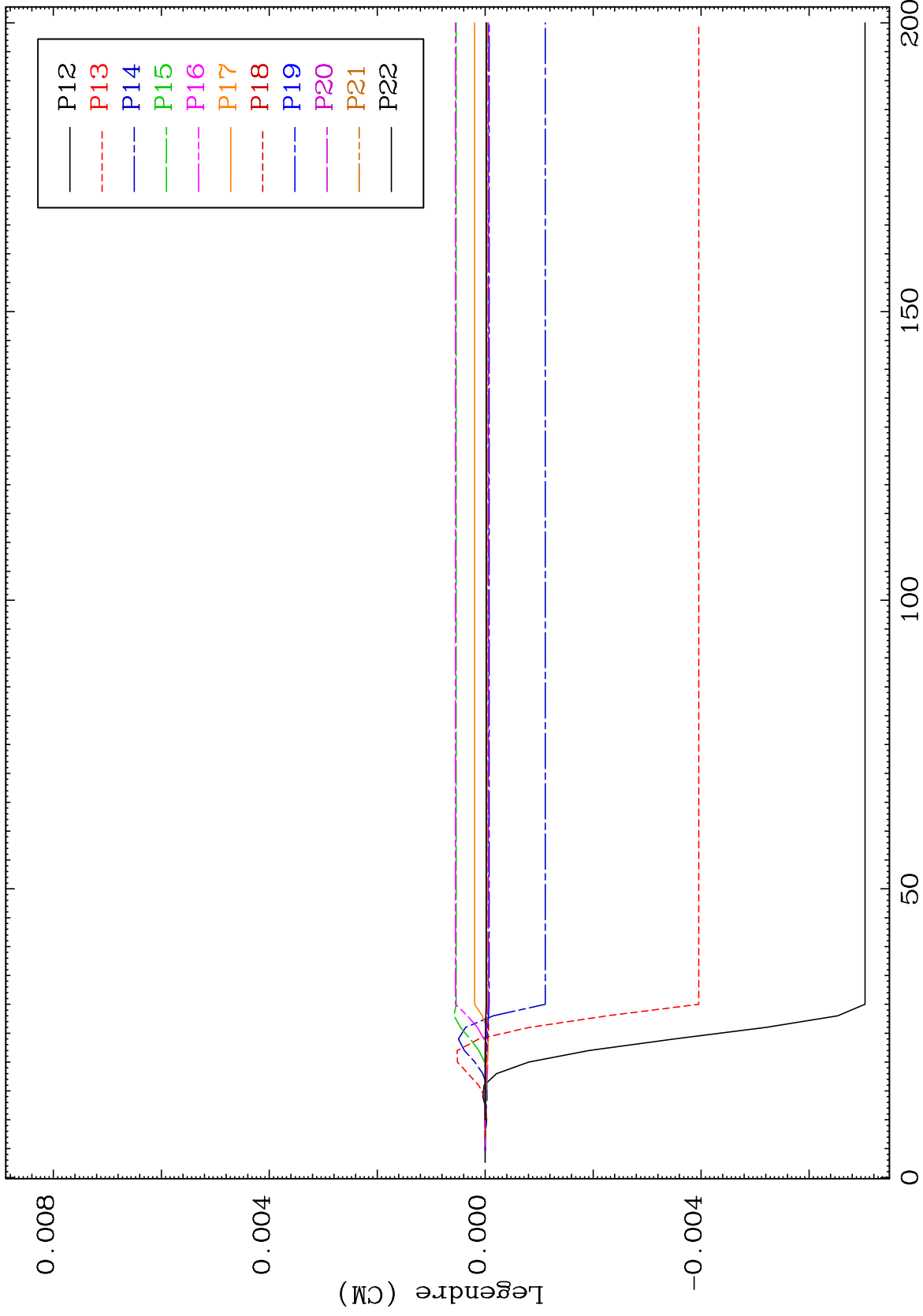
31-Ga-80



MAT 3158

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

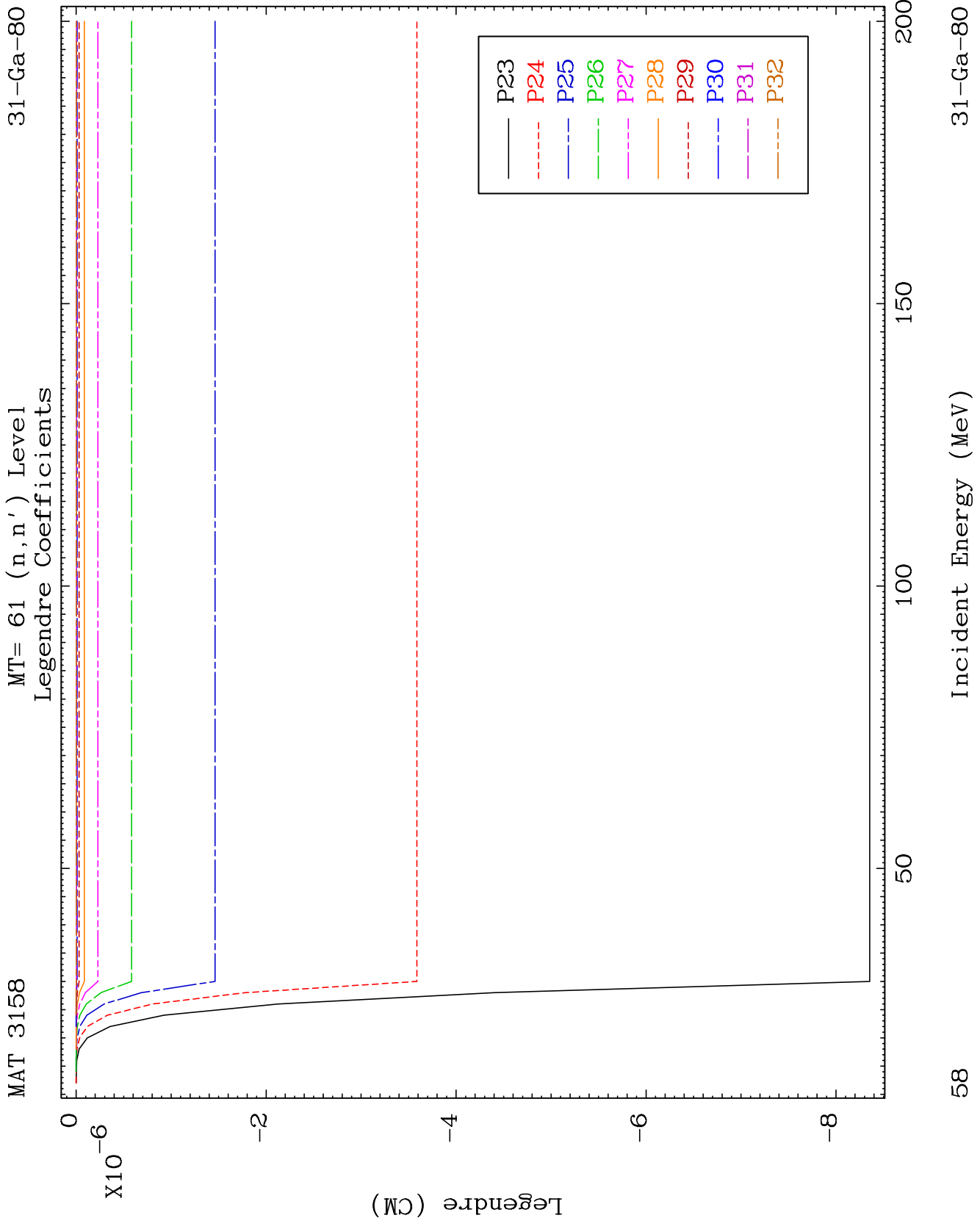
31-Ga-80



57

Incident Energy (MeV)

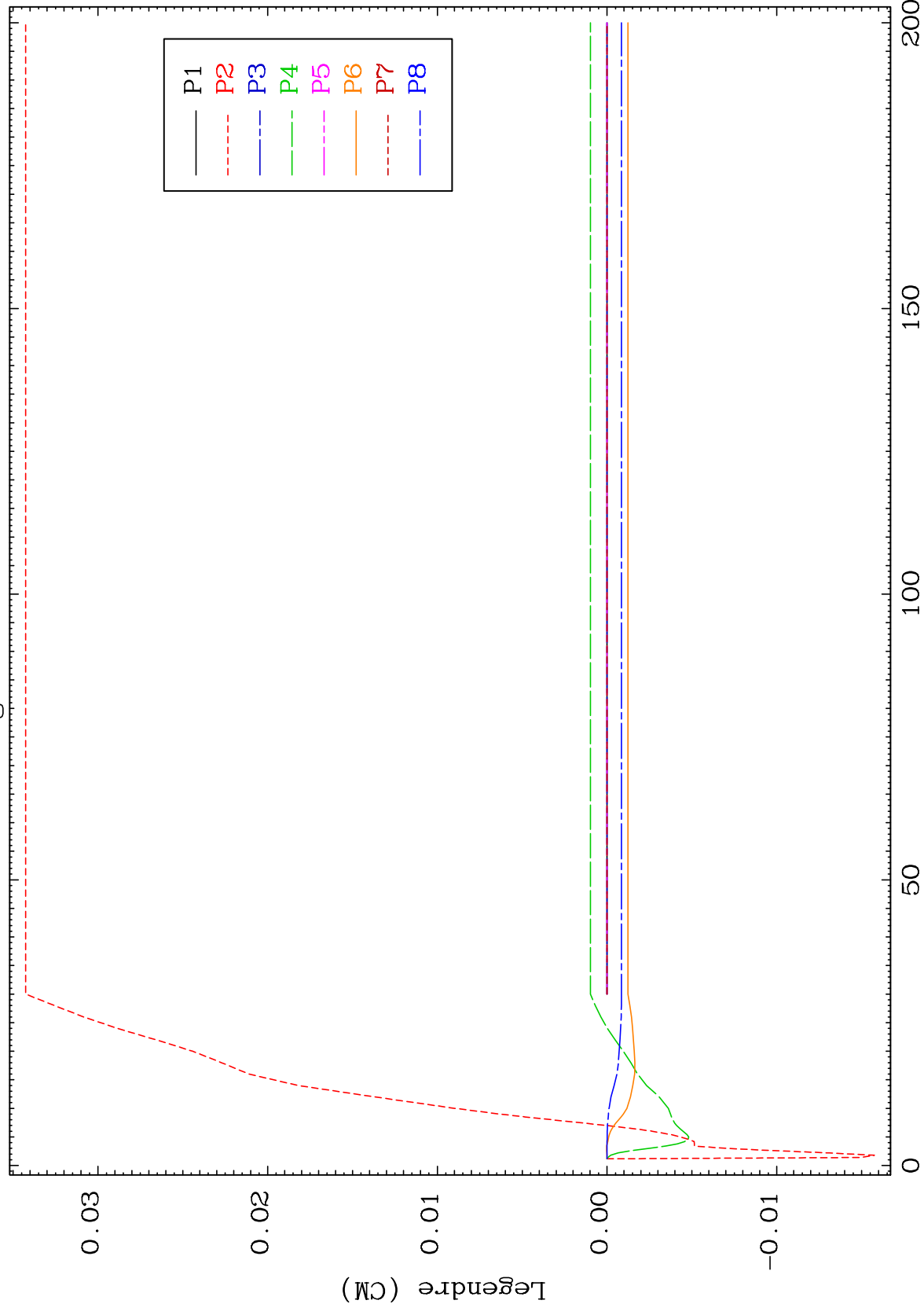
31-Ga-80



MAT 3158

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

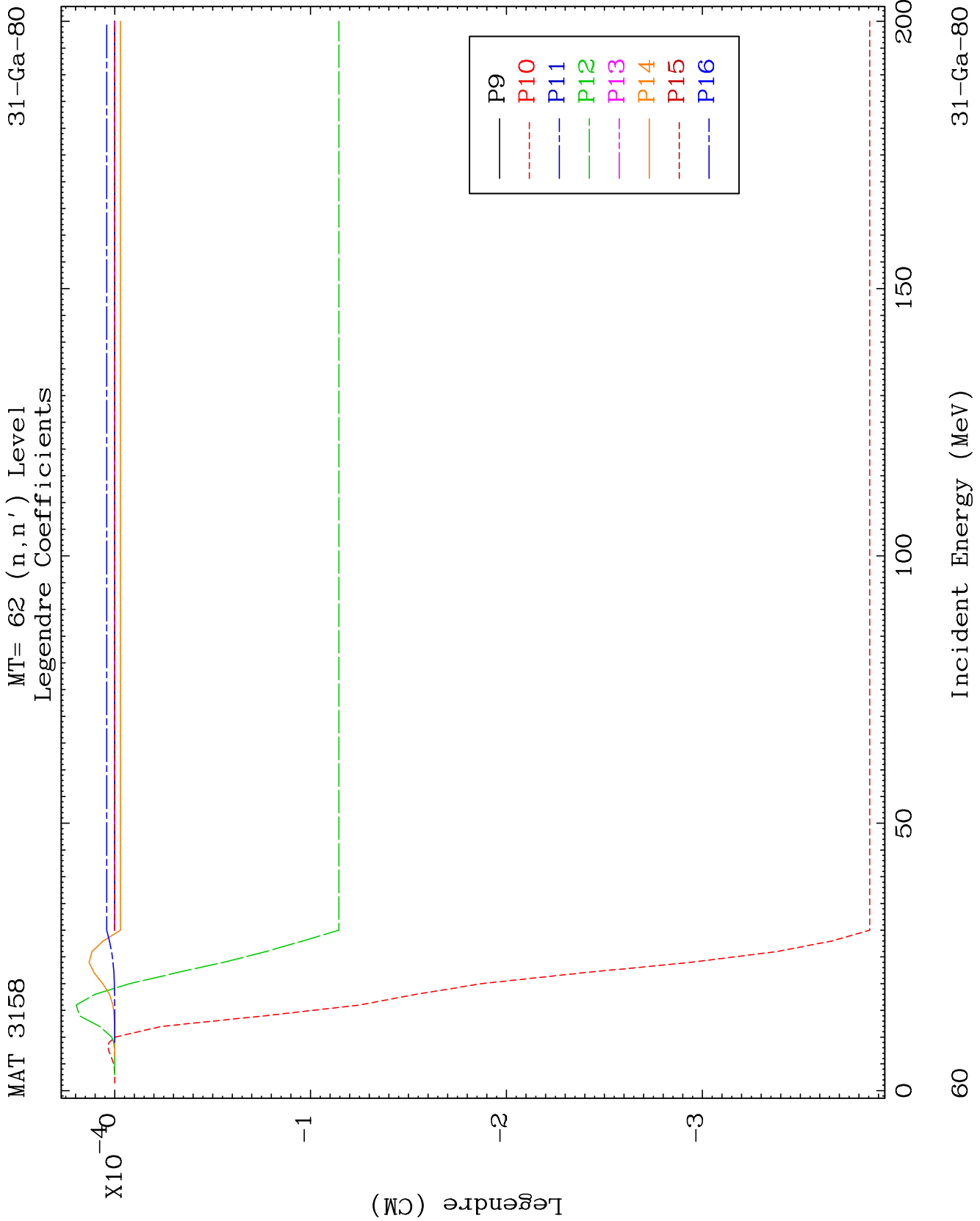
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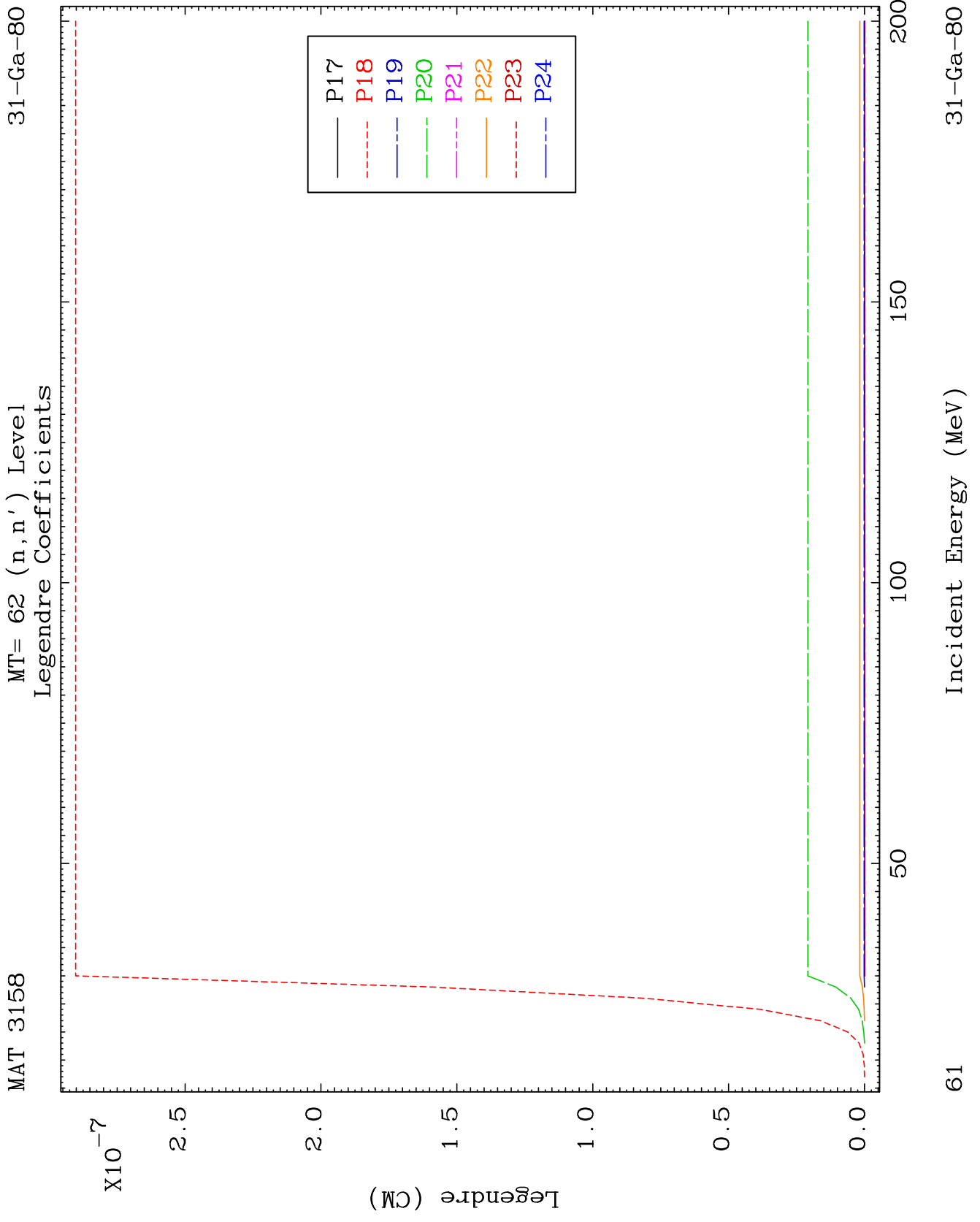


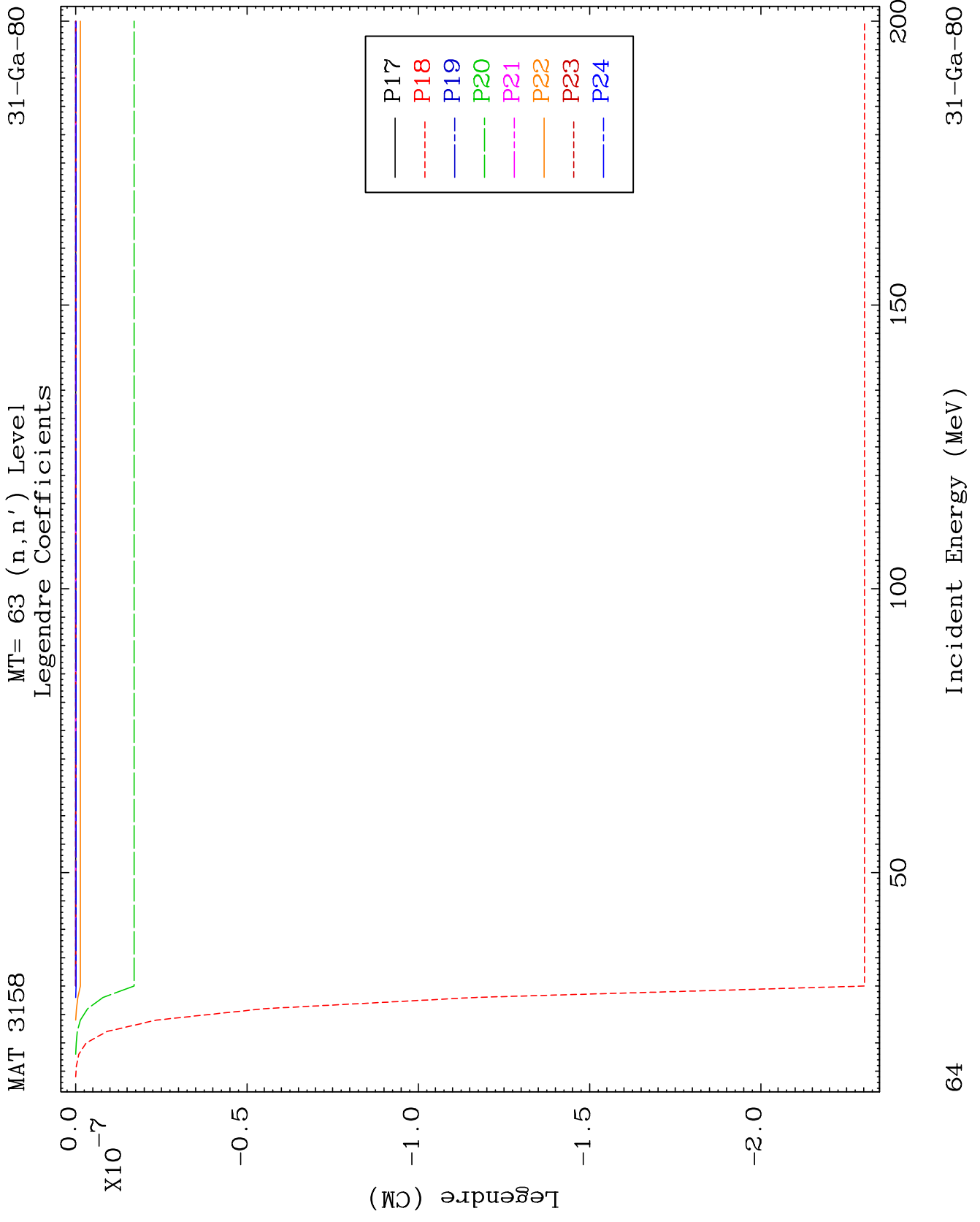
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Incident Energy (MeV)

31-Ga-80



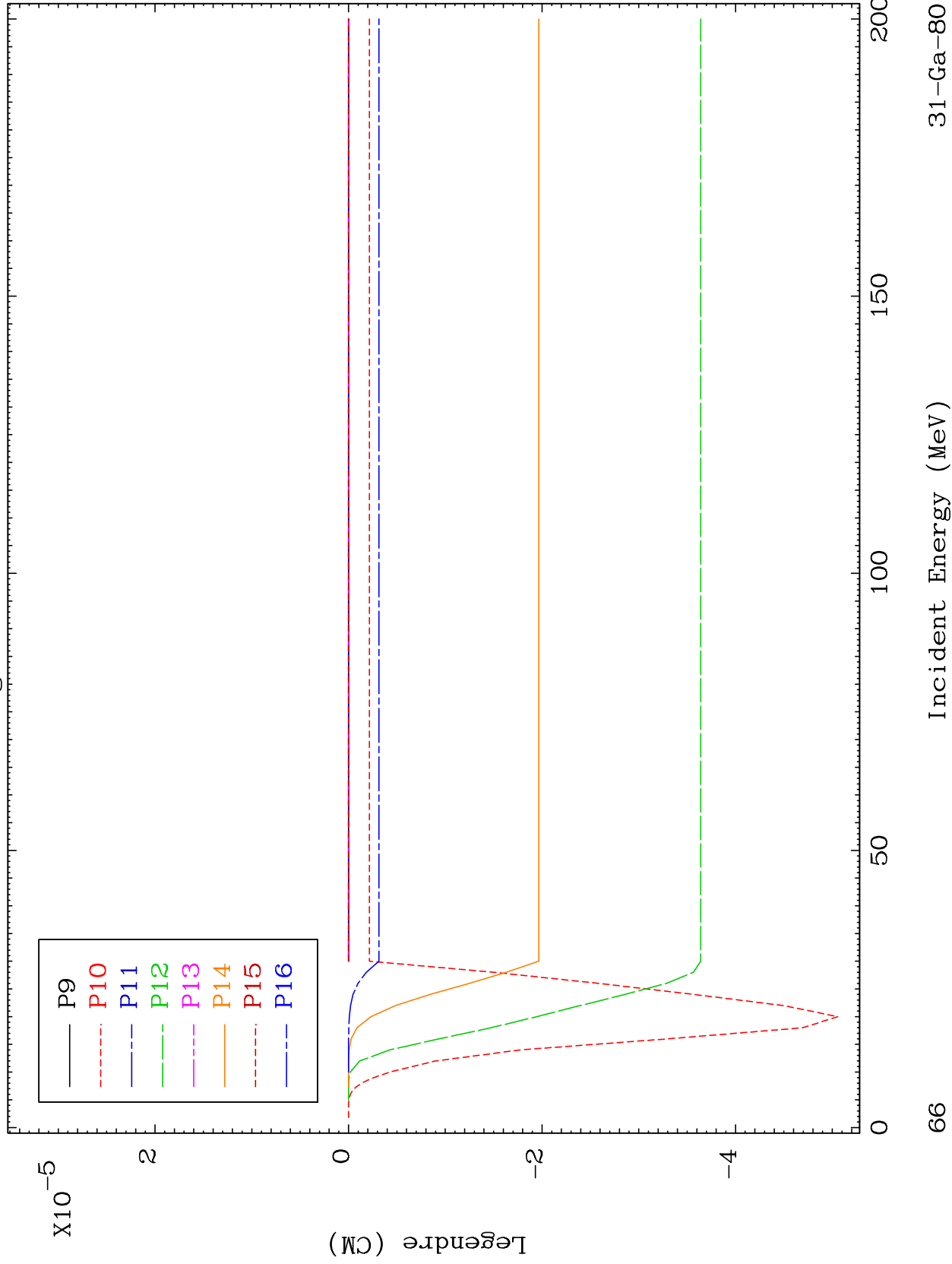


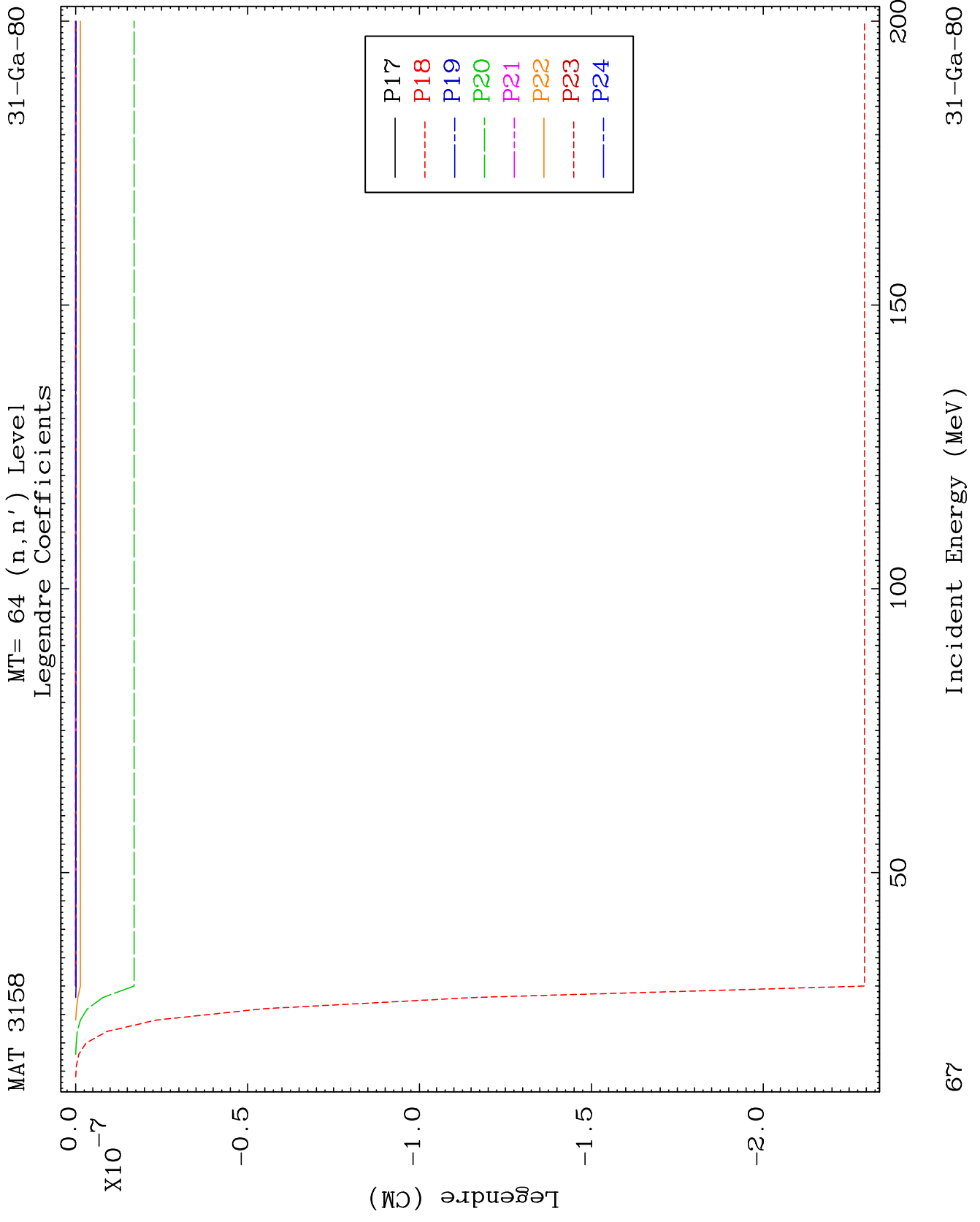


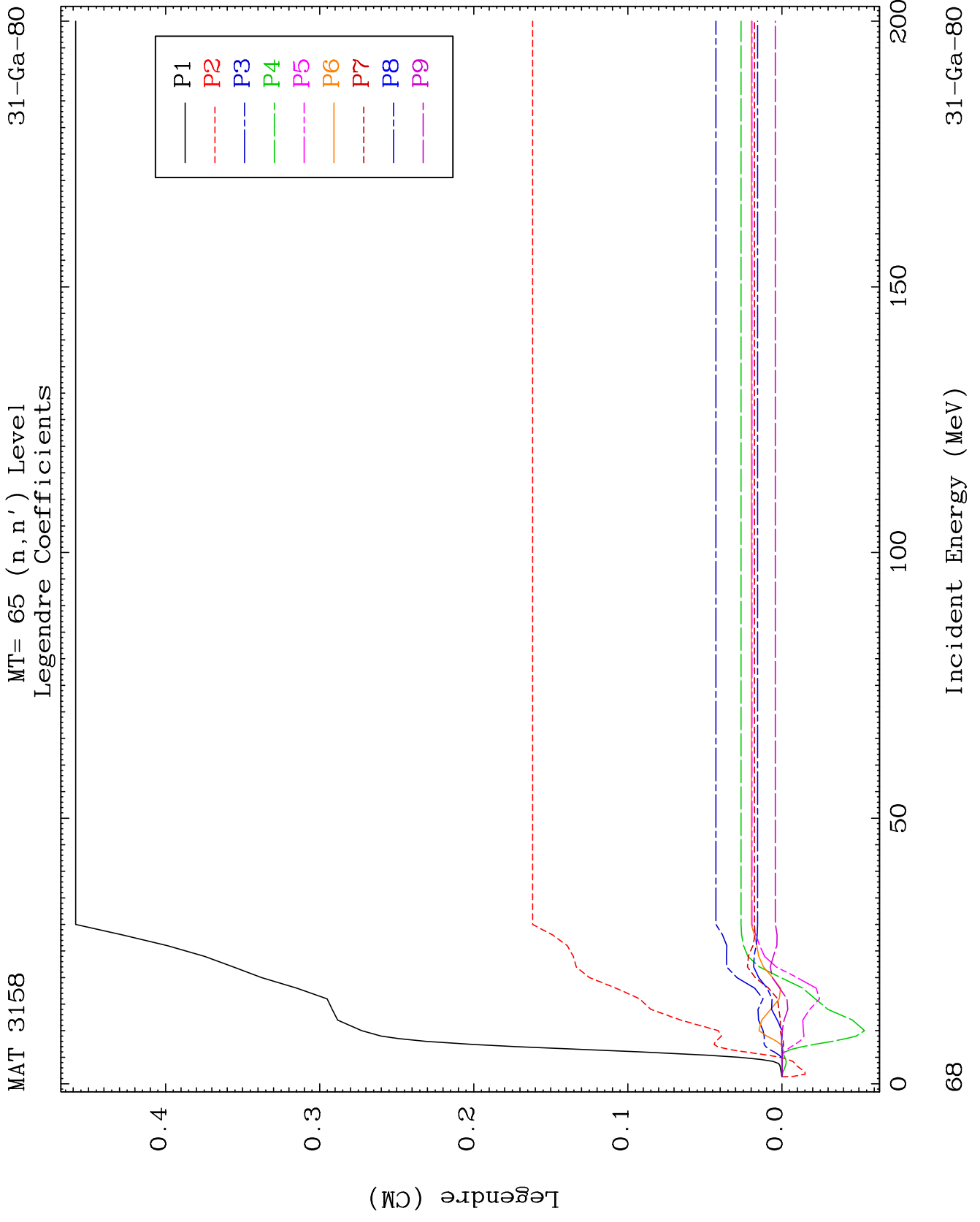
MAT 3158

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

31-Ga-80



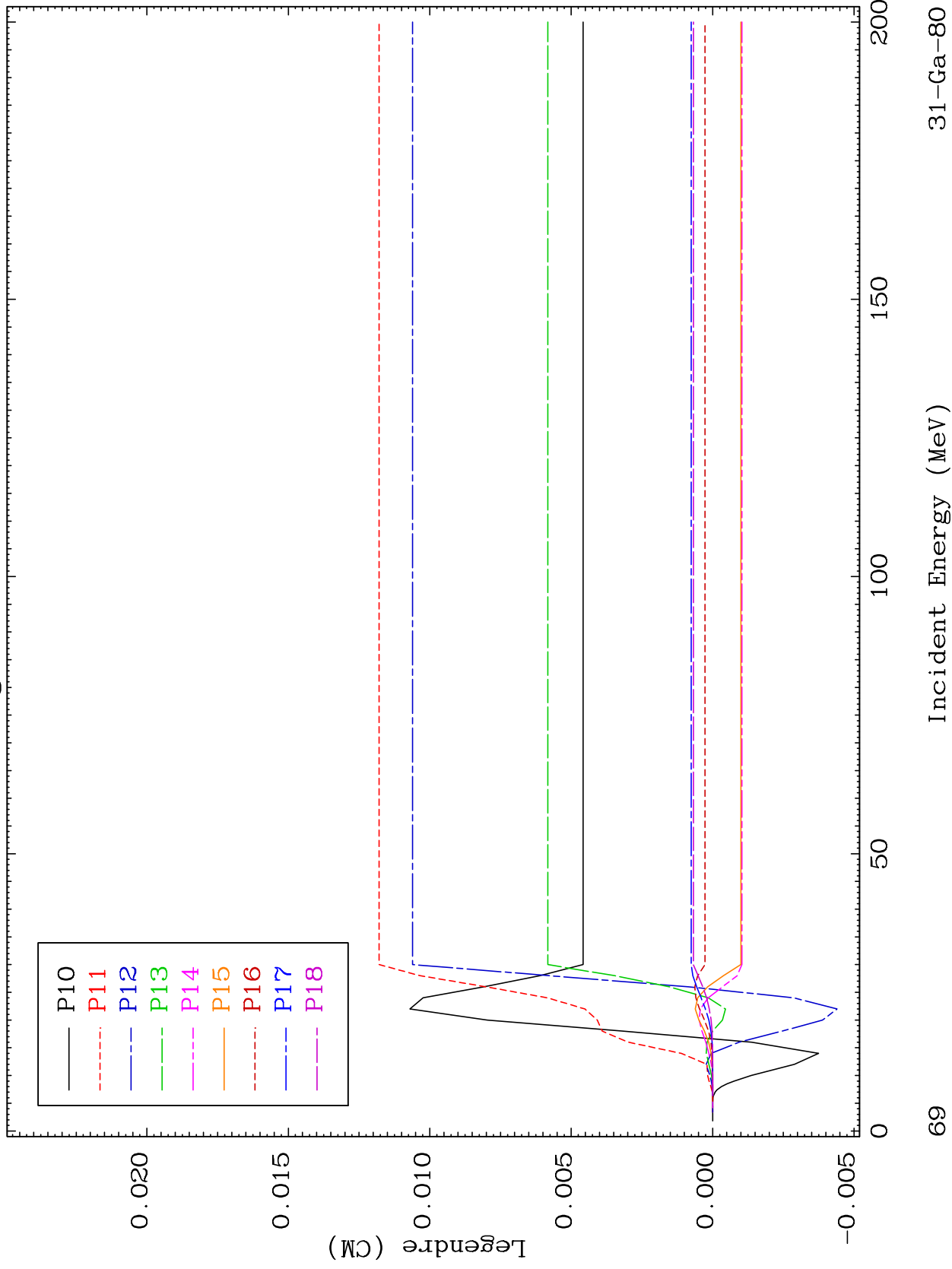




MAT 3158

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

31-Ga-80



69

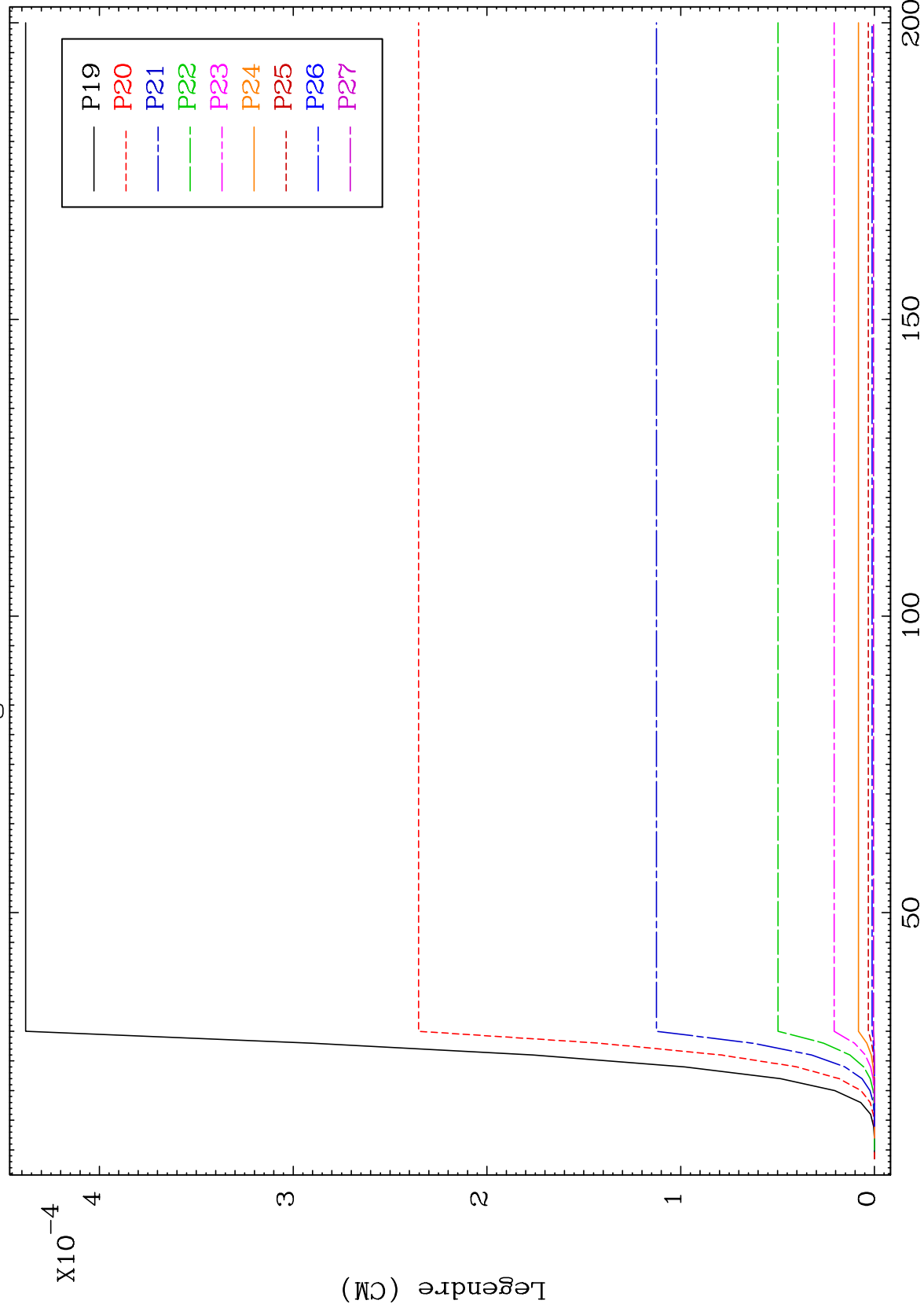
Incident Energy (MeV)

31-Ga-80

MAT 3158

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

31-Ga-80



70

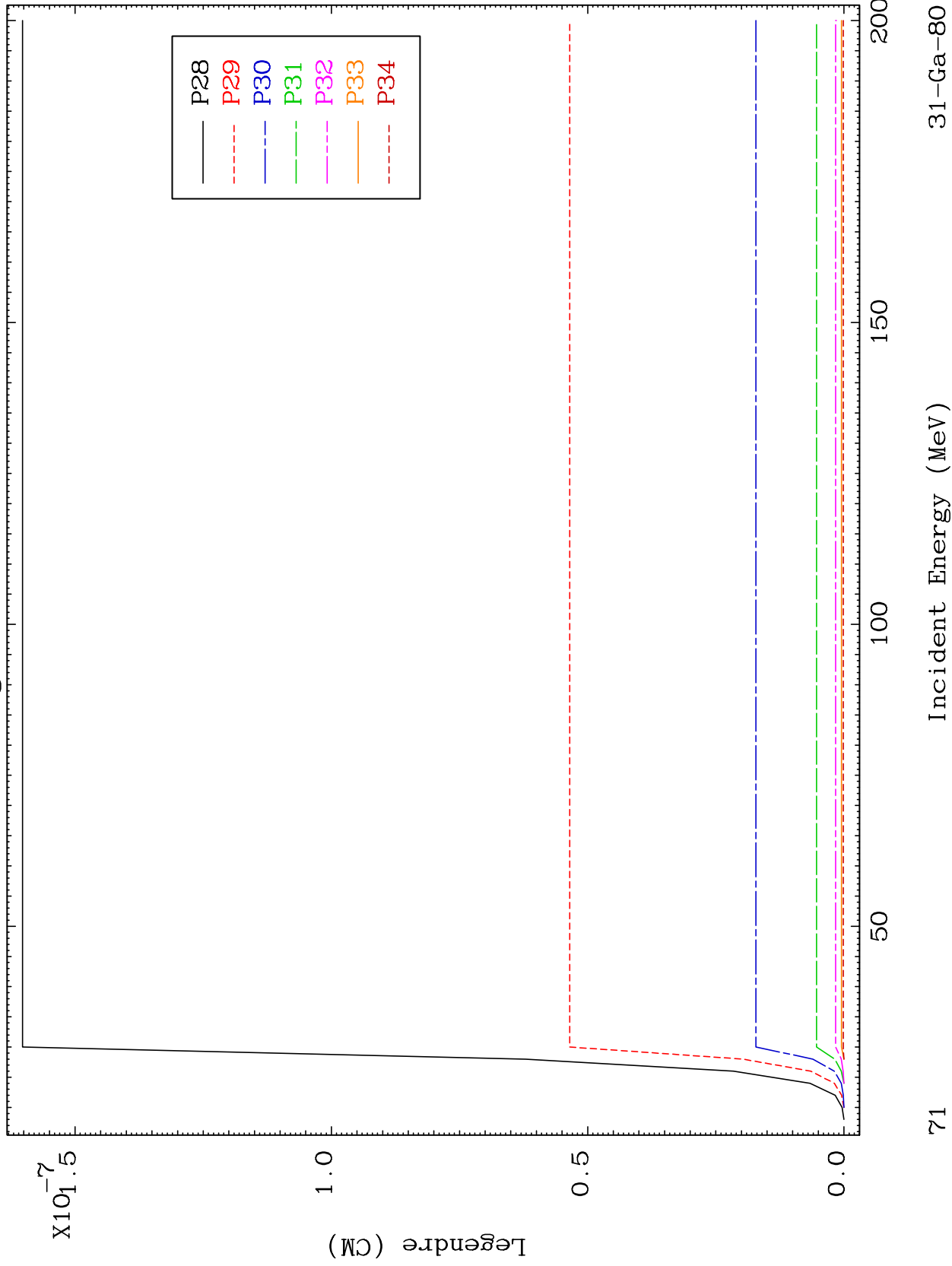
Incident Energy (MeV)

31-Ga-80

MAT 3158

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

31-Ga-80



71

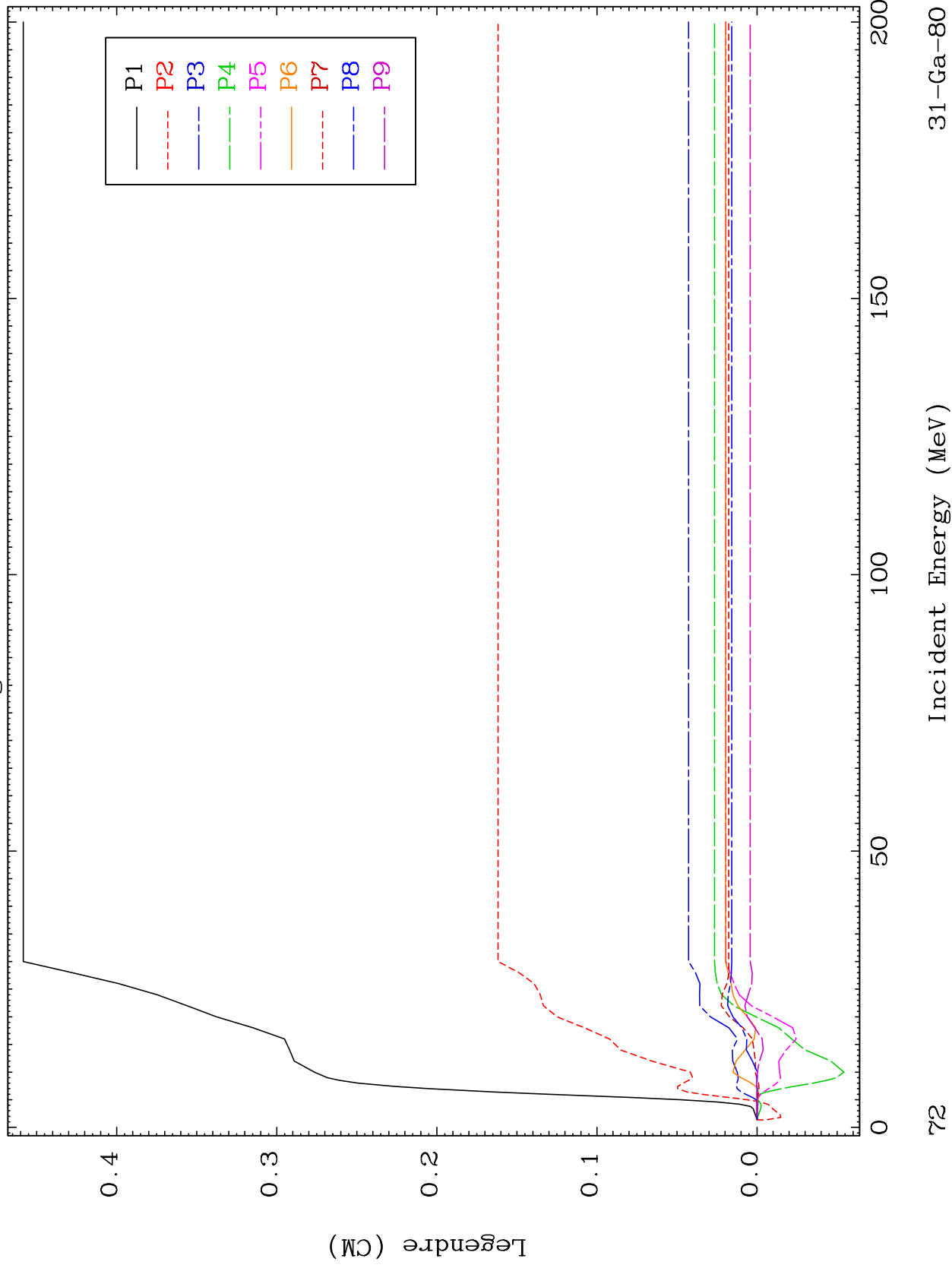
Incident Energy (MeV)

31-Ga-80

MAT 3158

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

31-Ga-80



31-Ga-80

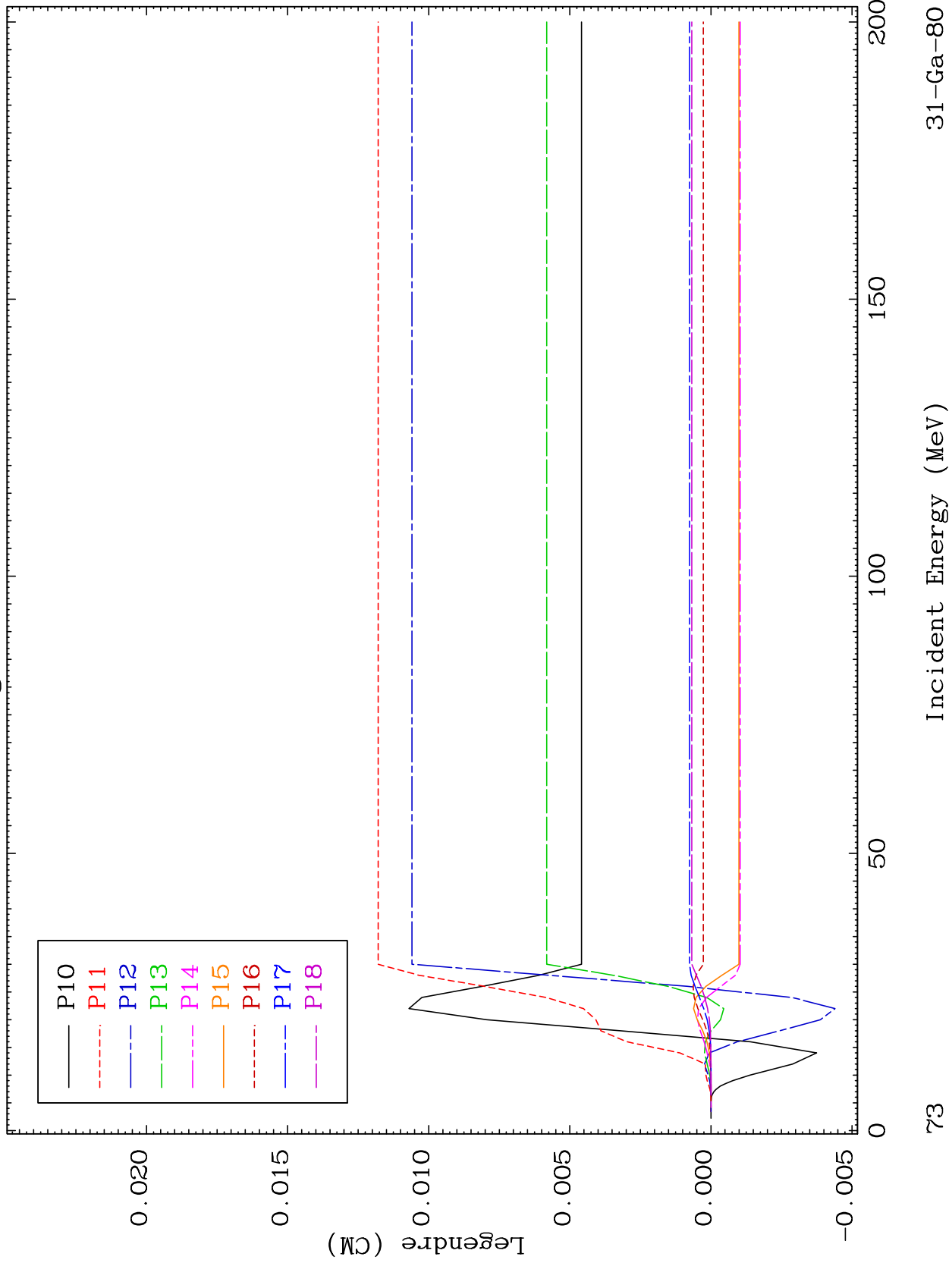
Incident Energy (MeV)

72

MAT 3158

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

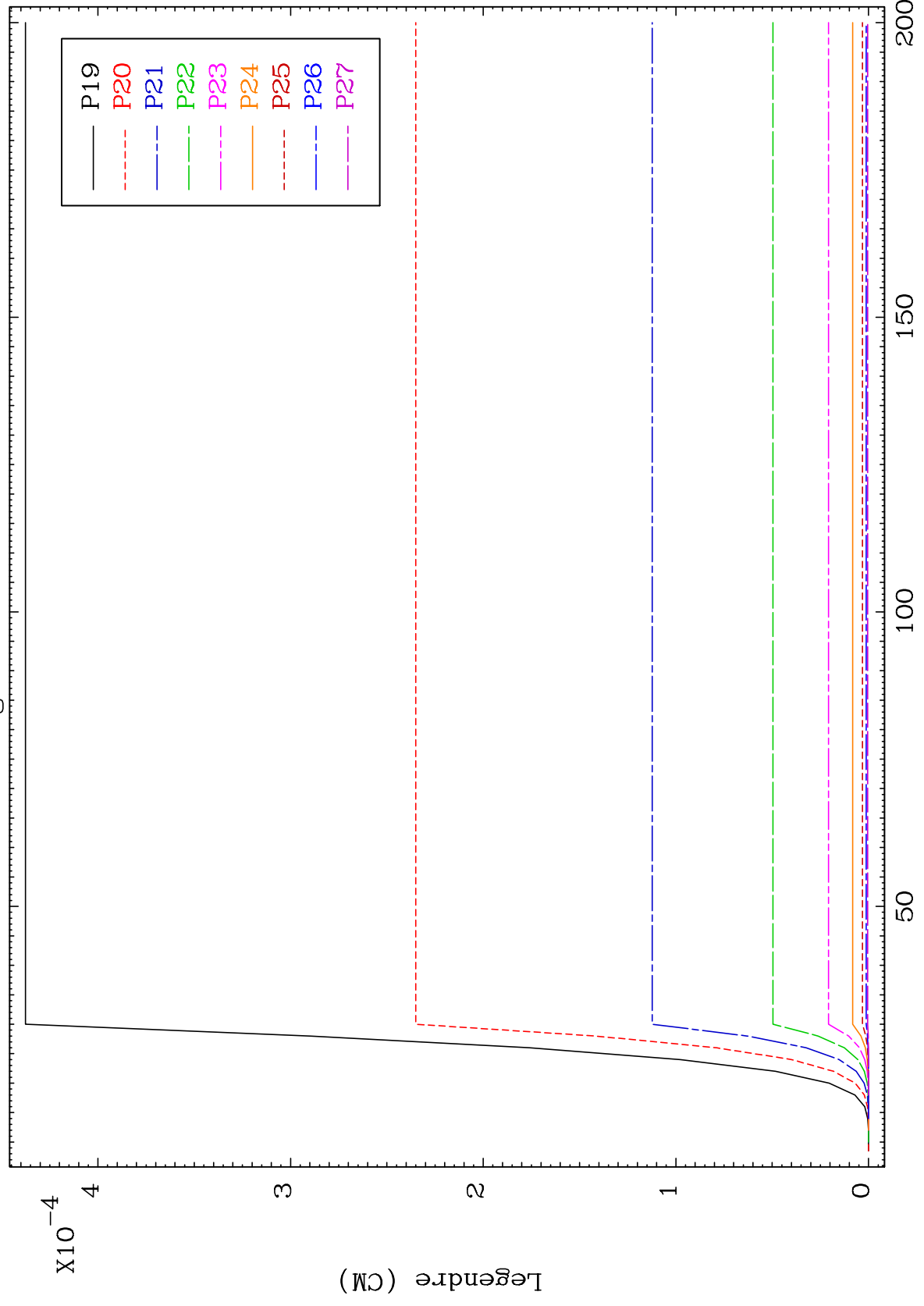
31-Ga-80



MAT 3158

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

31-Ga-80



74

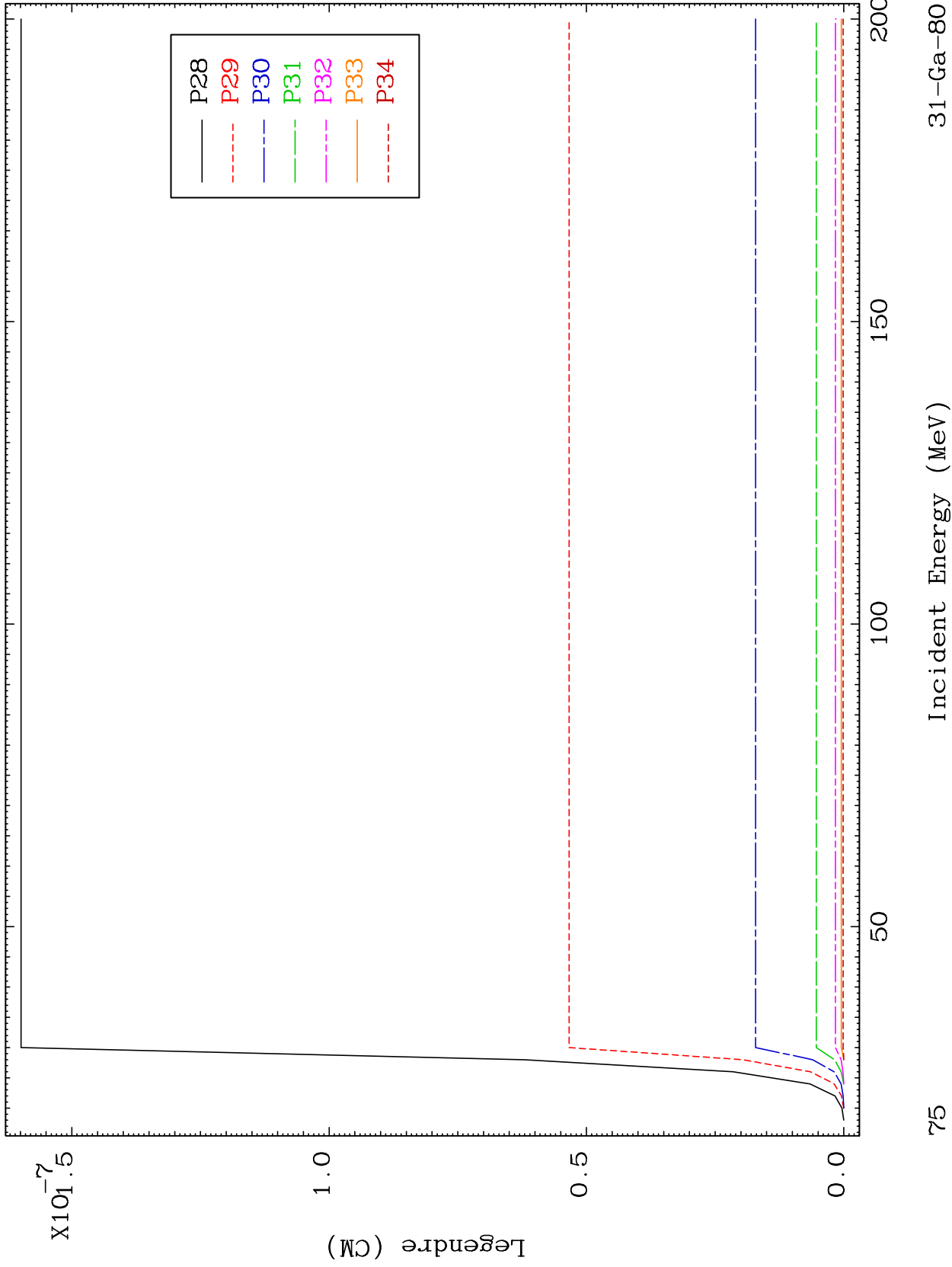
Incident Energy (MeV)

31-Ga-80

MAT 3158

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

31-Ga-80



75

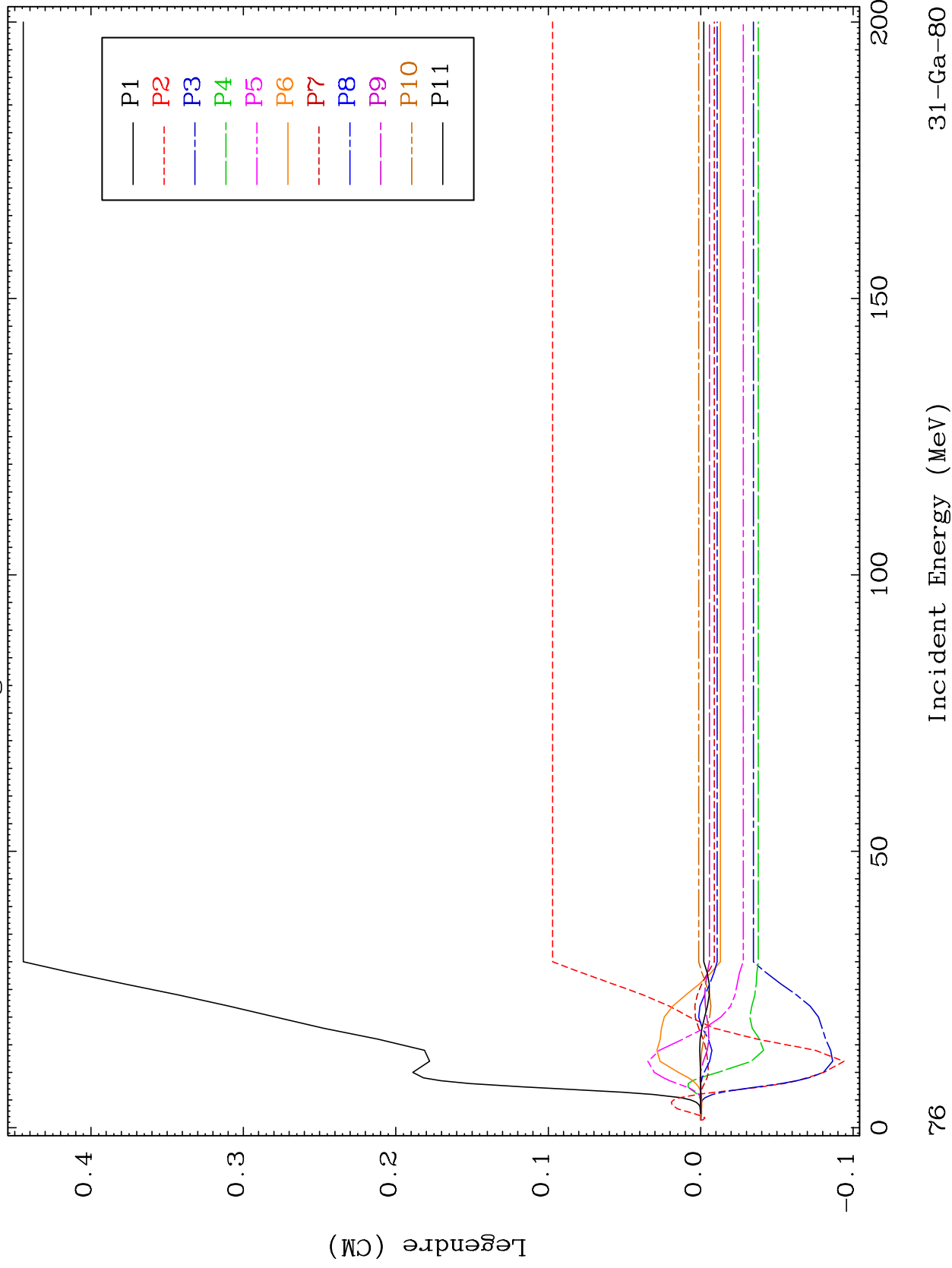
Incident Energy (MeV)

31-Ga-80

MAT 3158

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

31-Ga-80



76

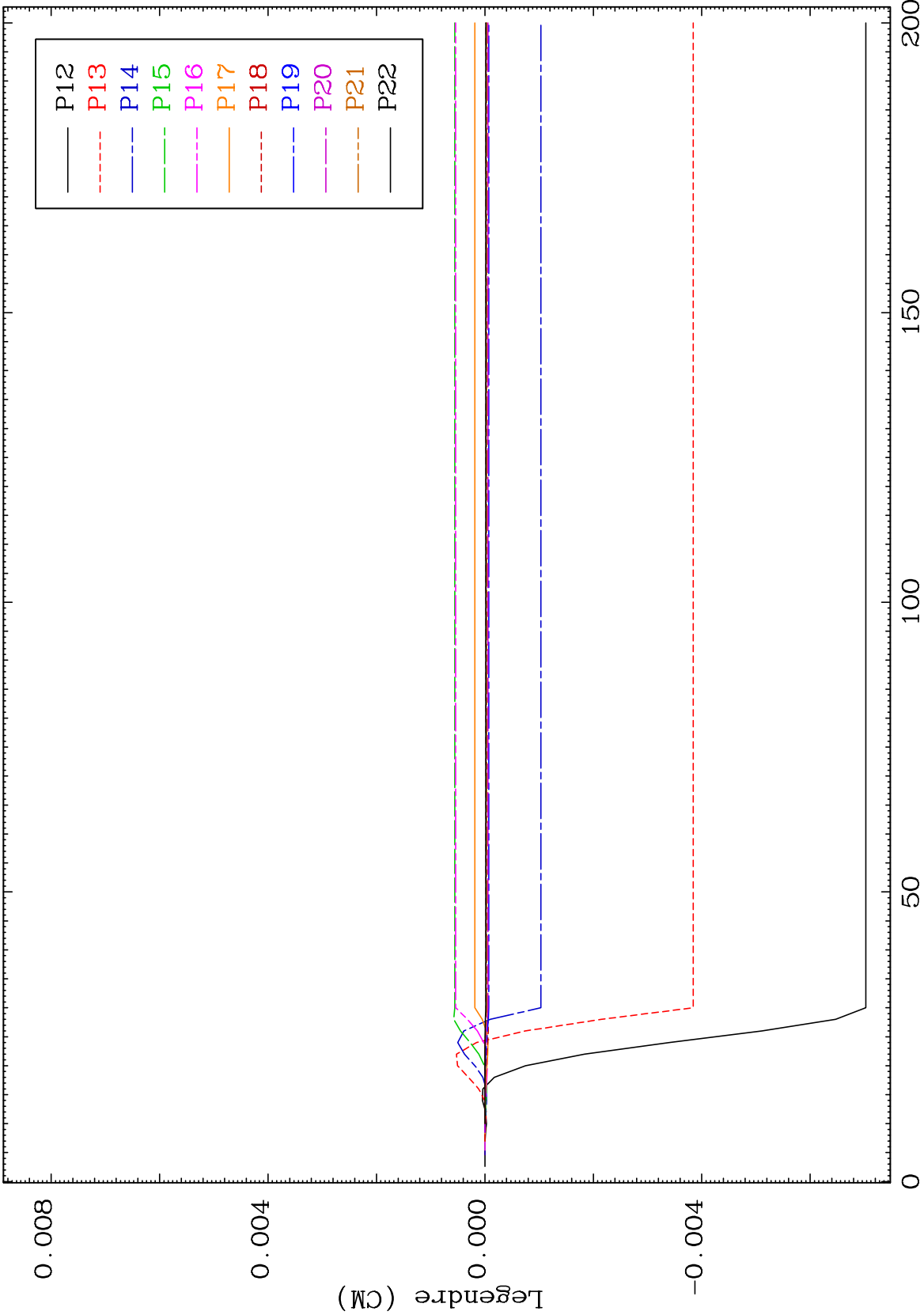
Incident Energy (MeV)

31-Ga-80

MAT 3158

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

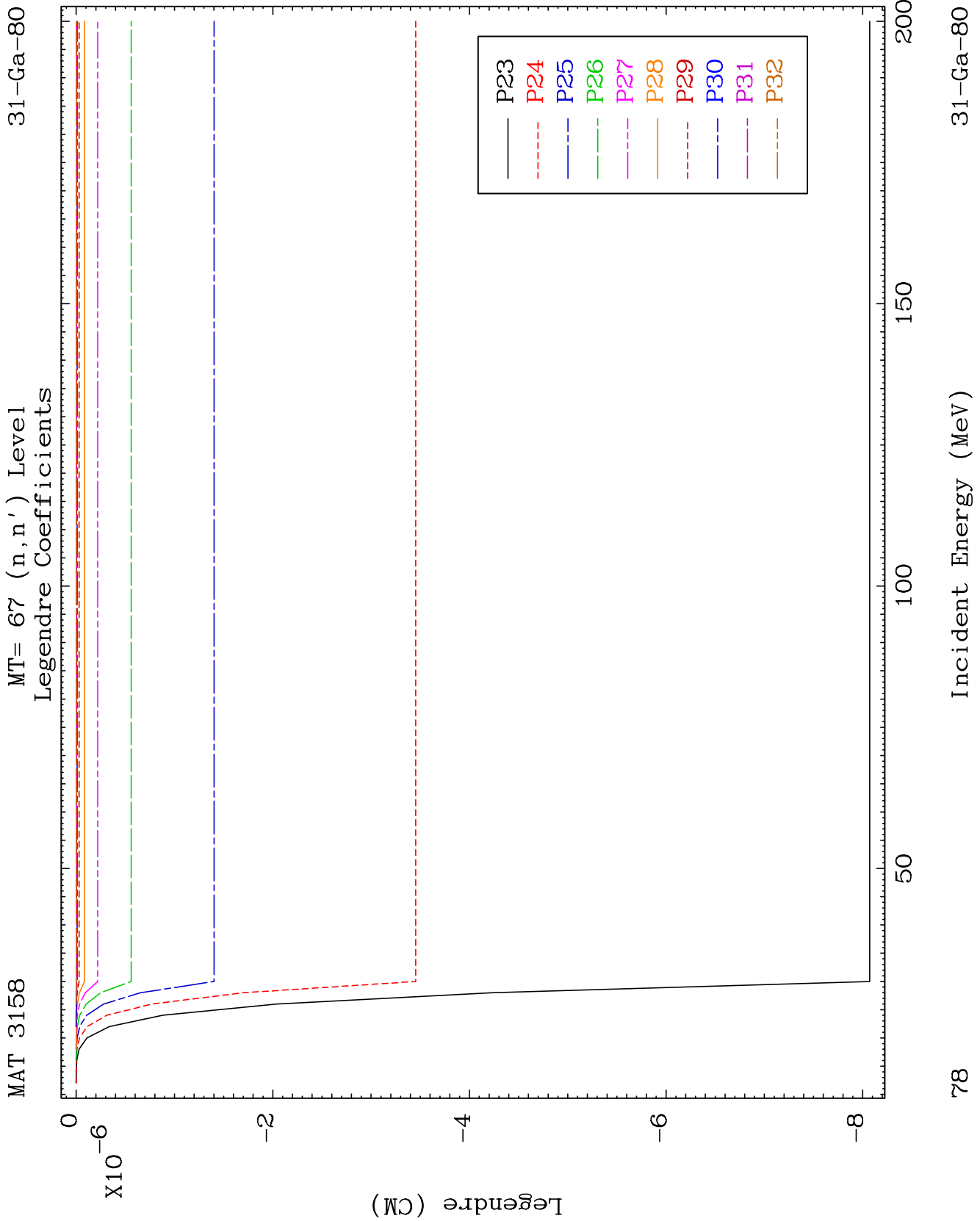
31-Ga-80

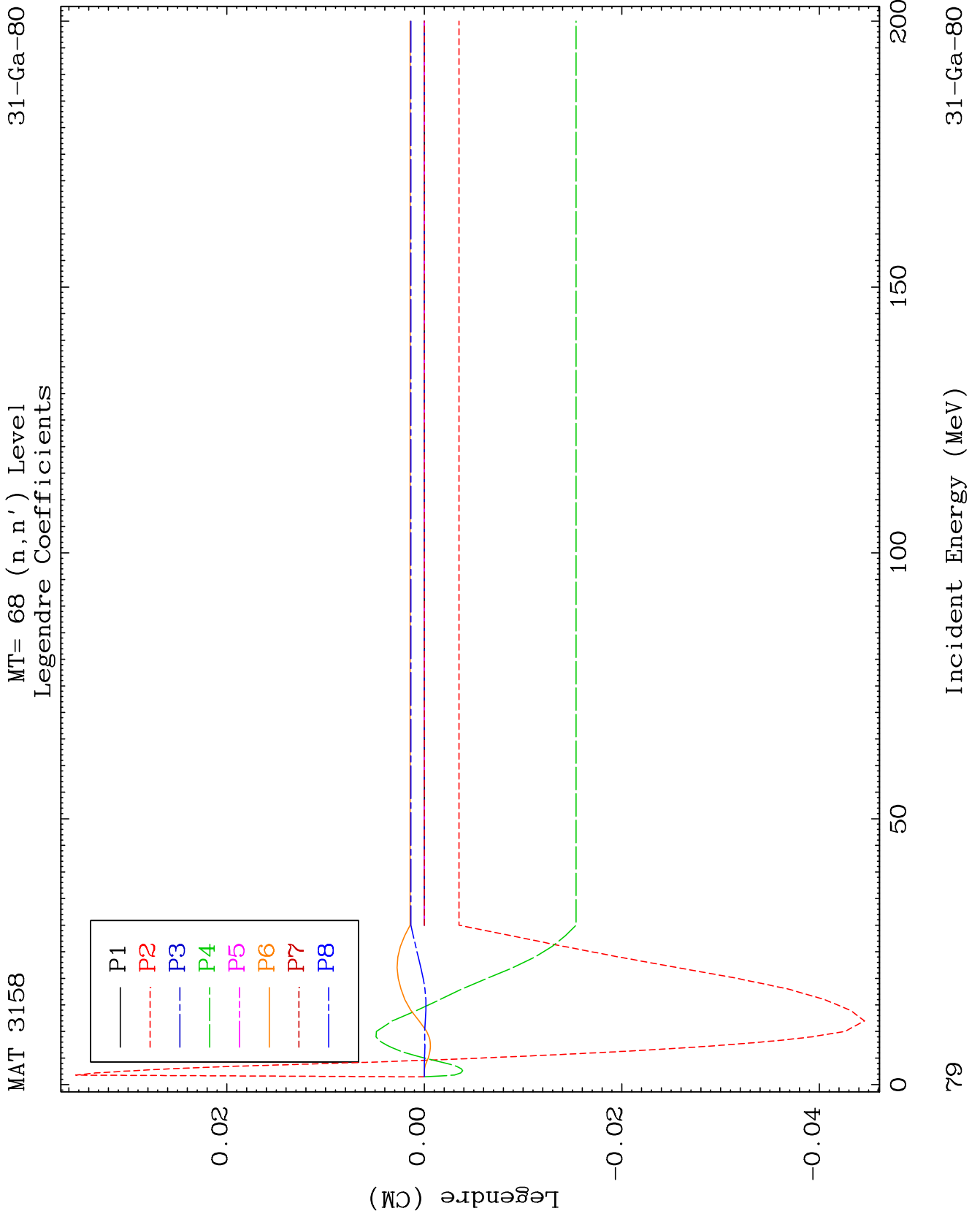


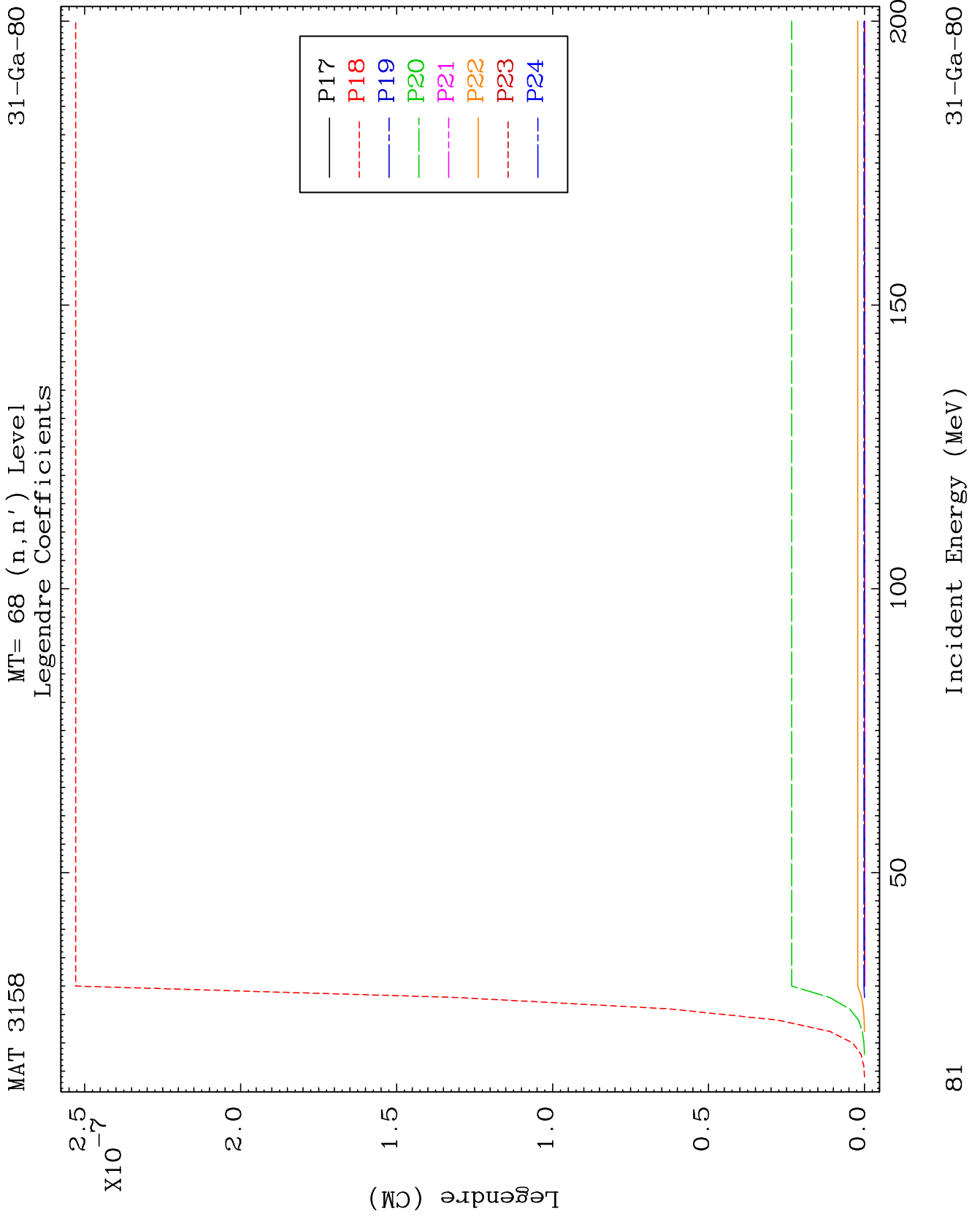
77

Incident Energy (MeV)

31-Ga-80



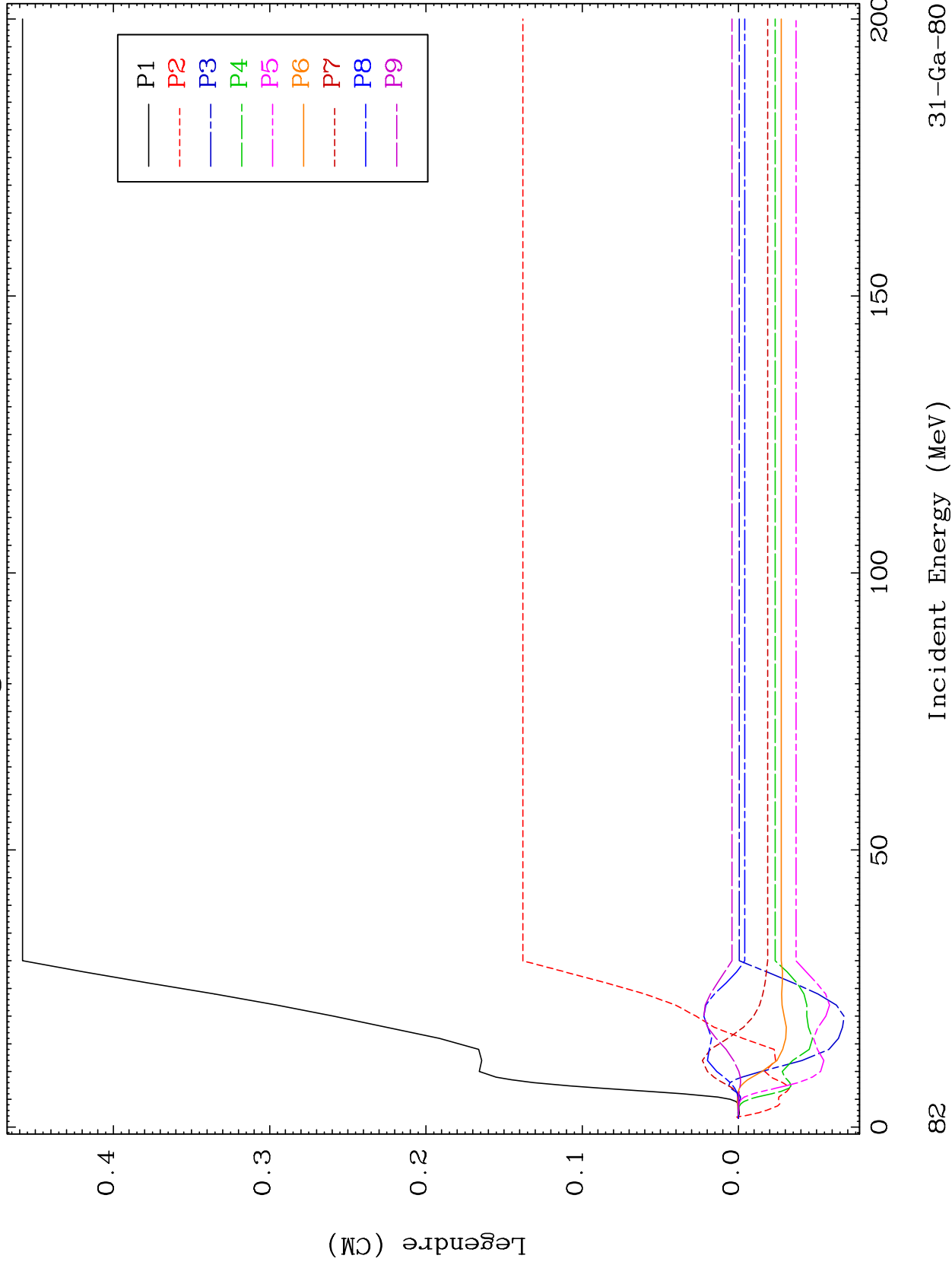




MAT 3158

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

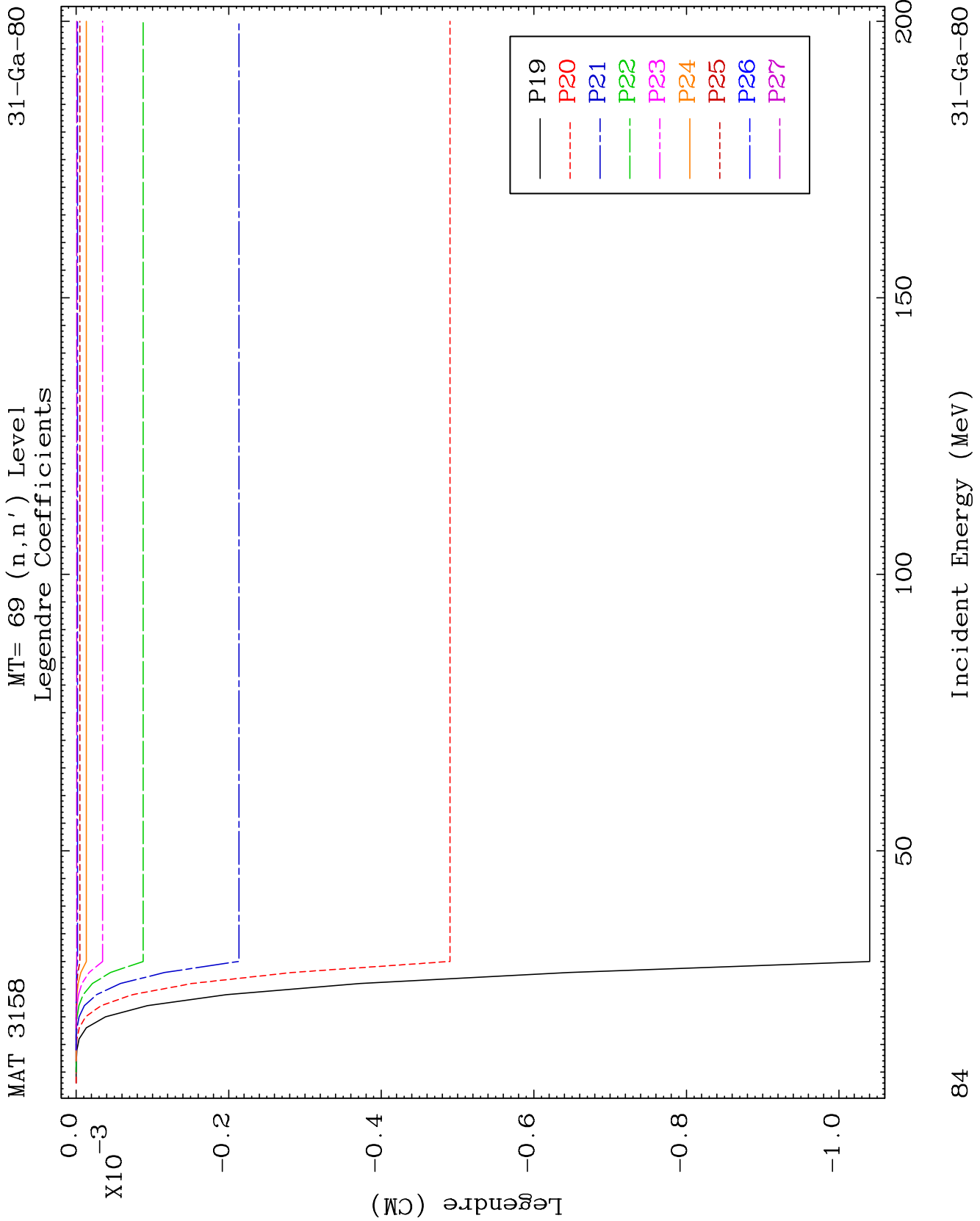
31-Ga-80

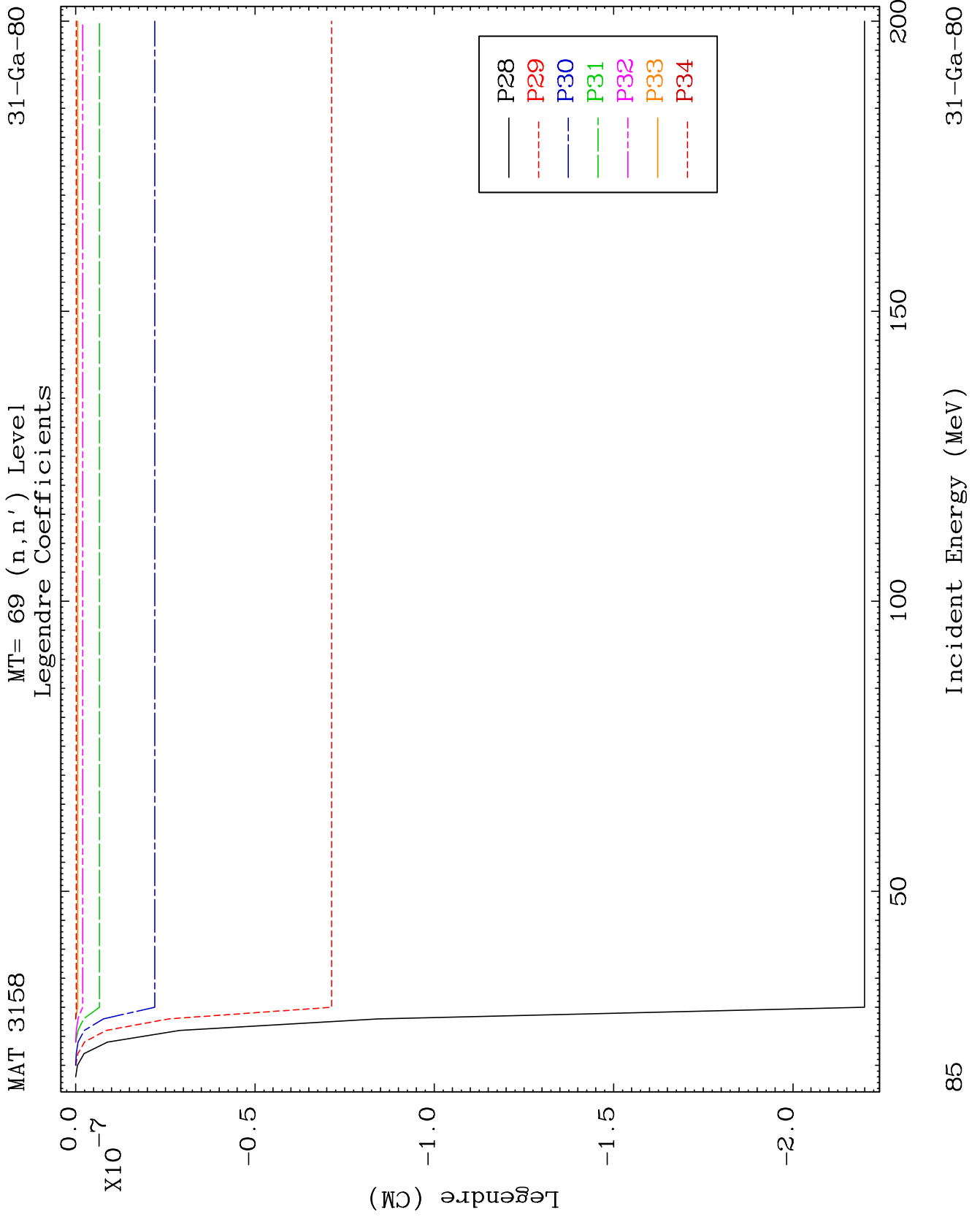


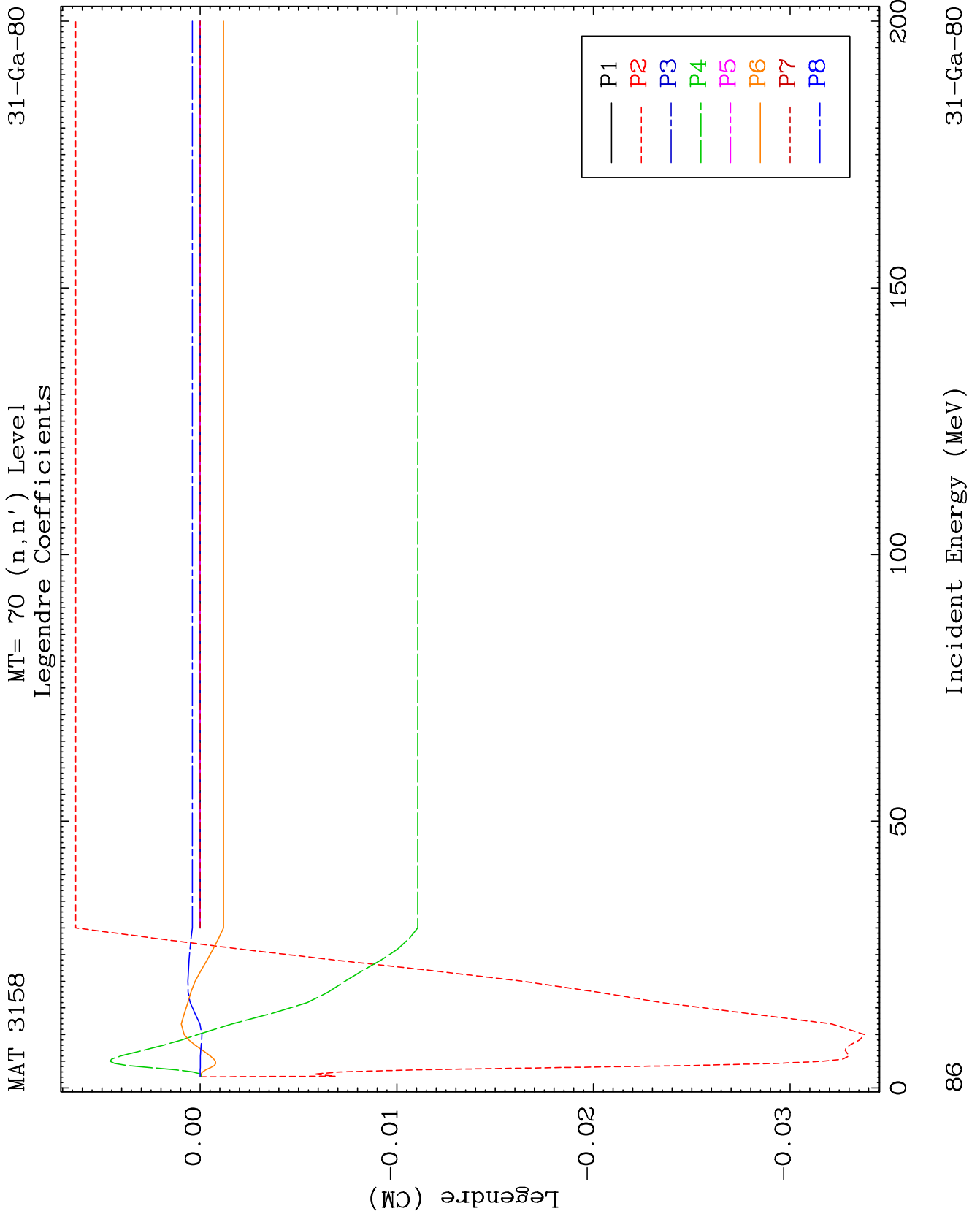
82

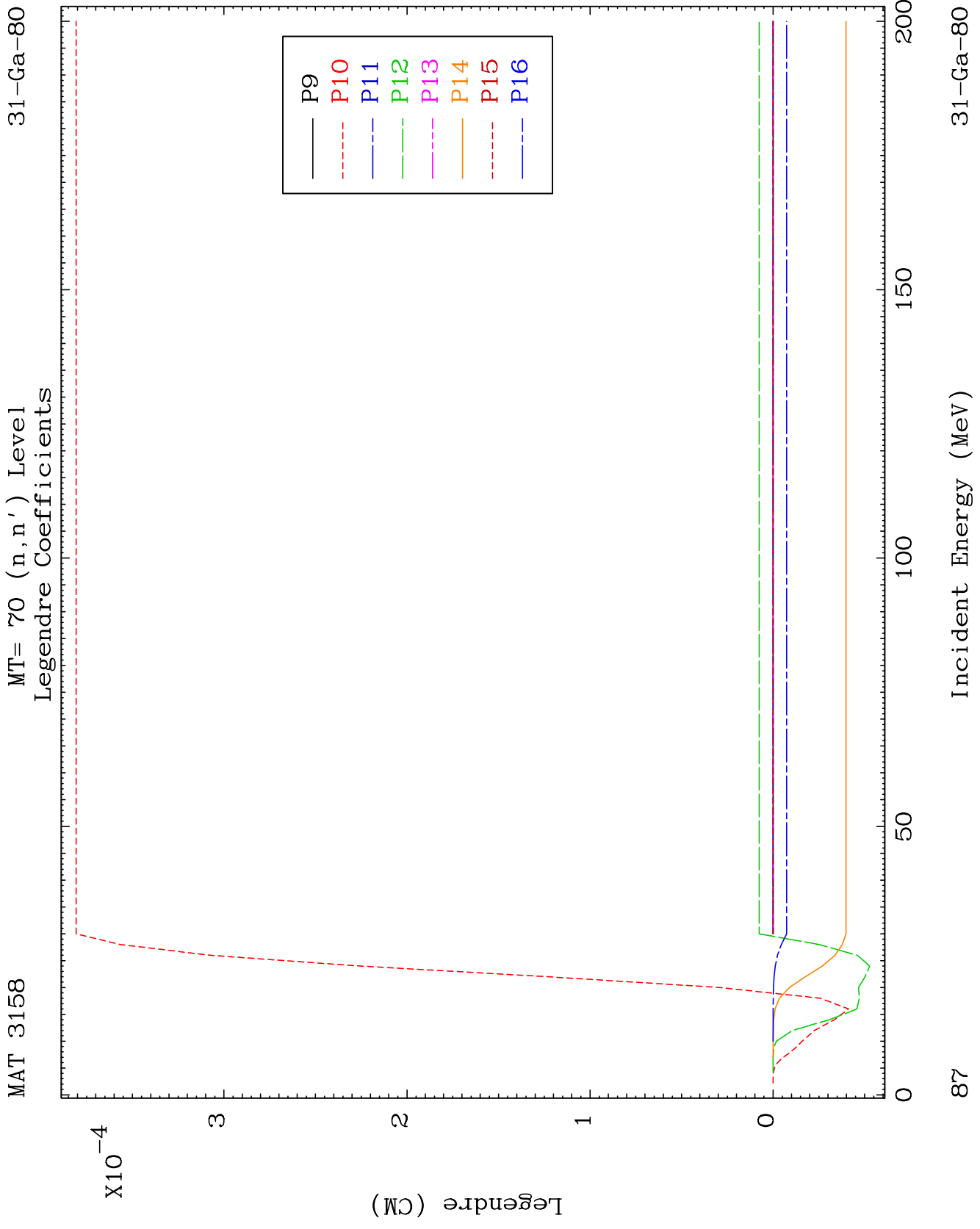
Incident Energy (MeV)

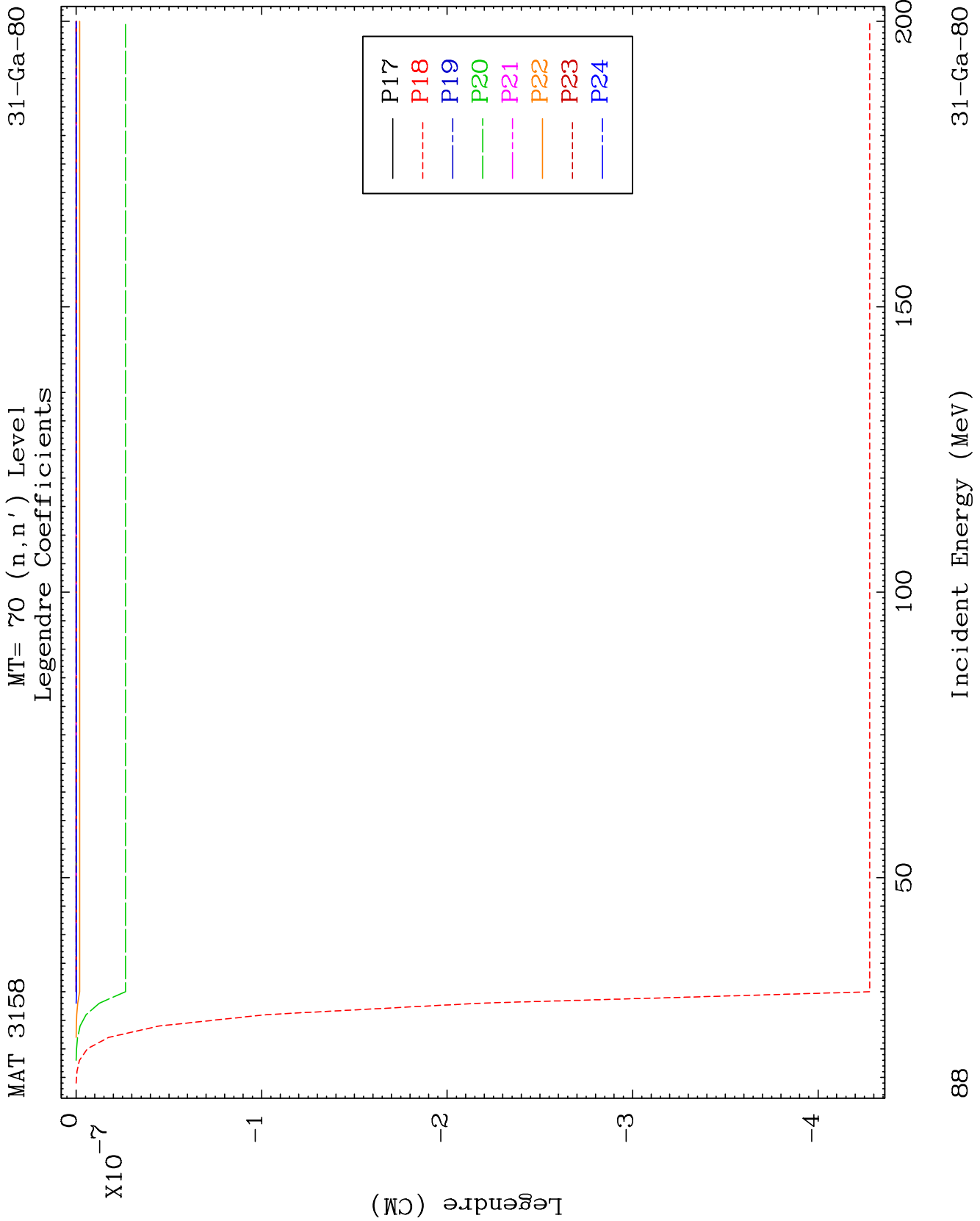
31-Ga-80







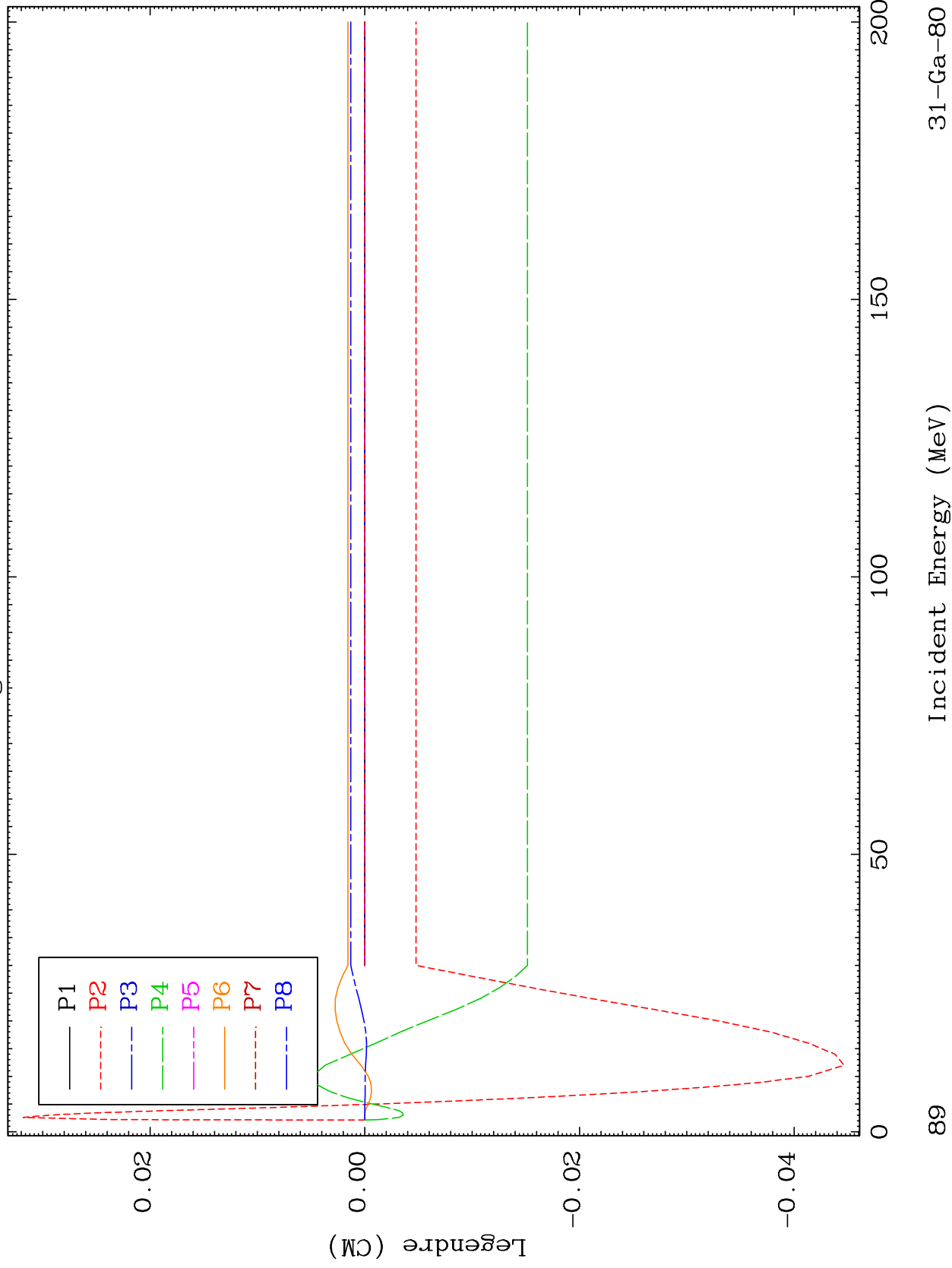


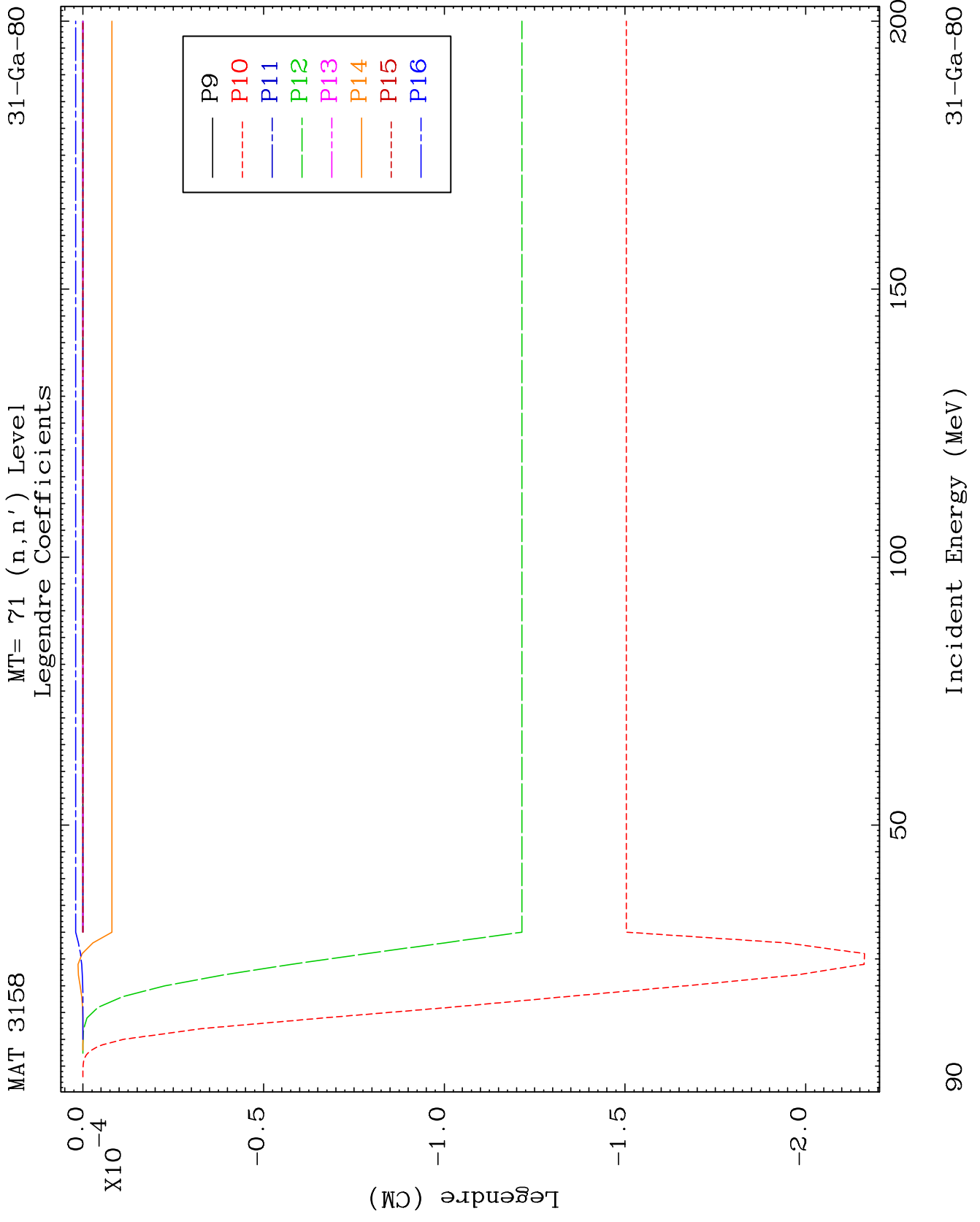


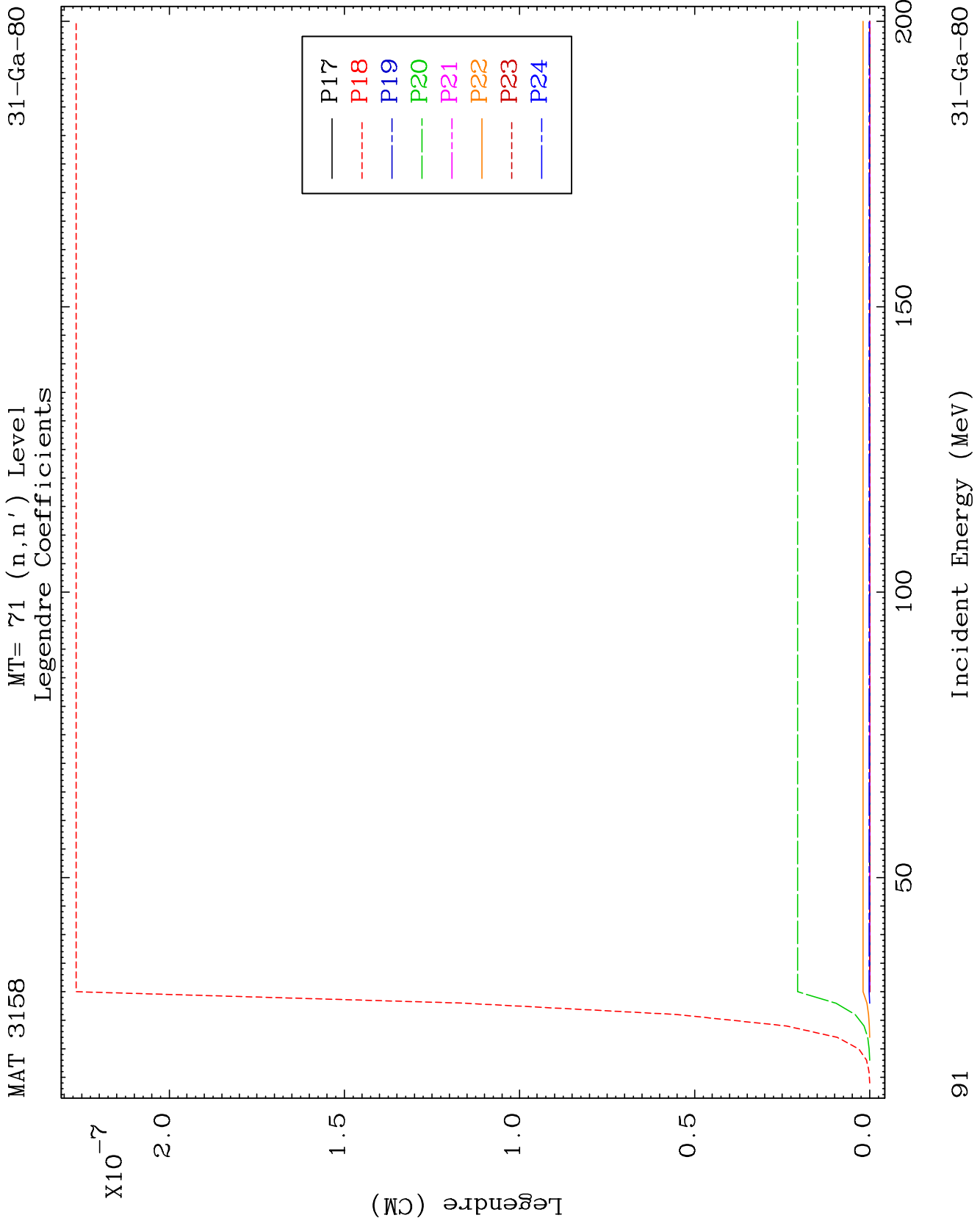
MAT 3158

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

31-Ga-80



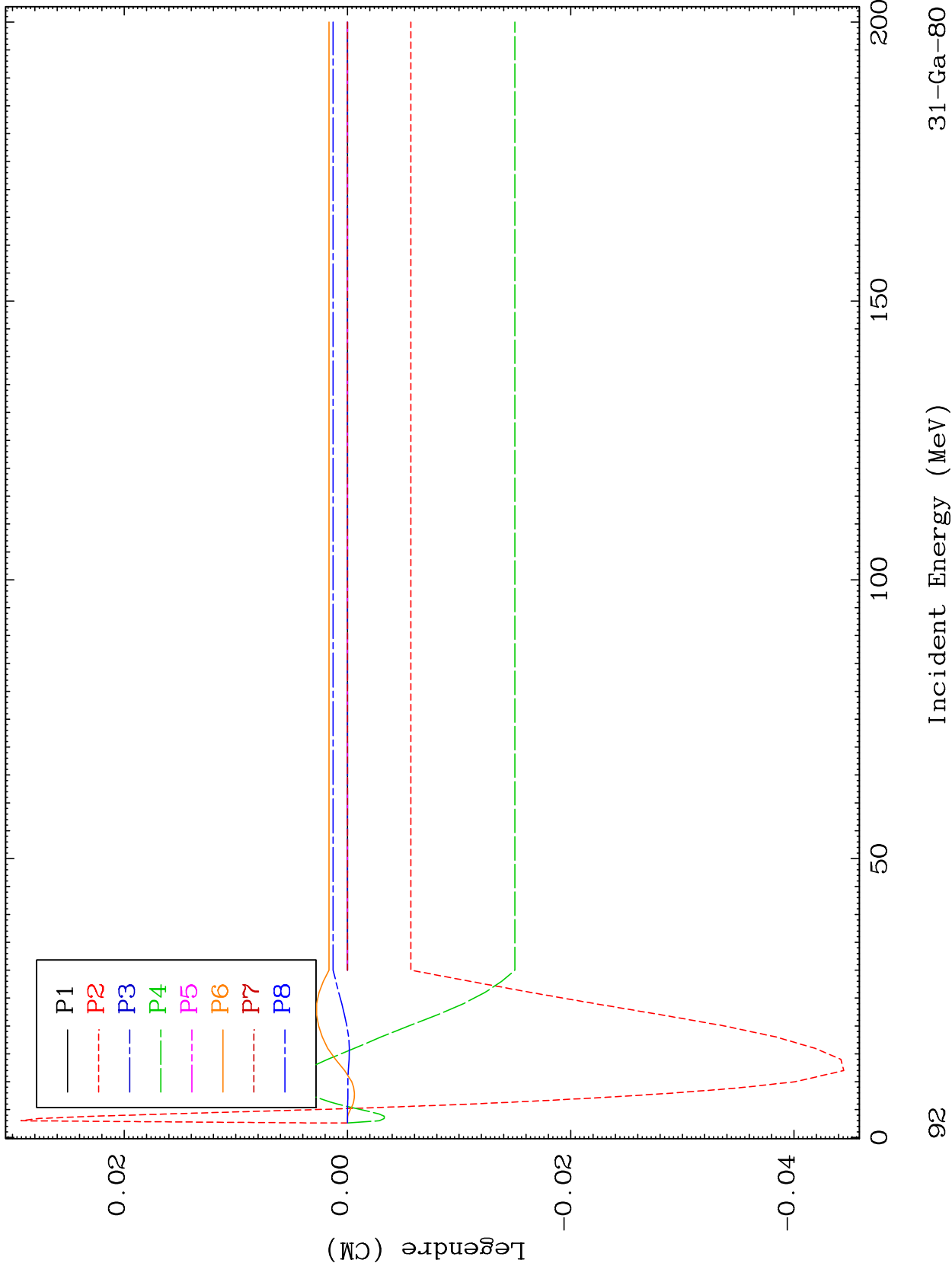




MAT 3158

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

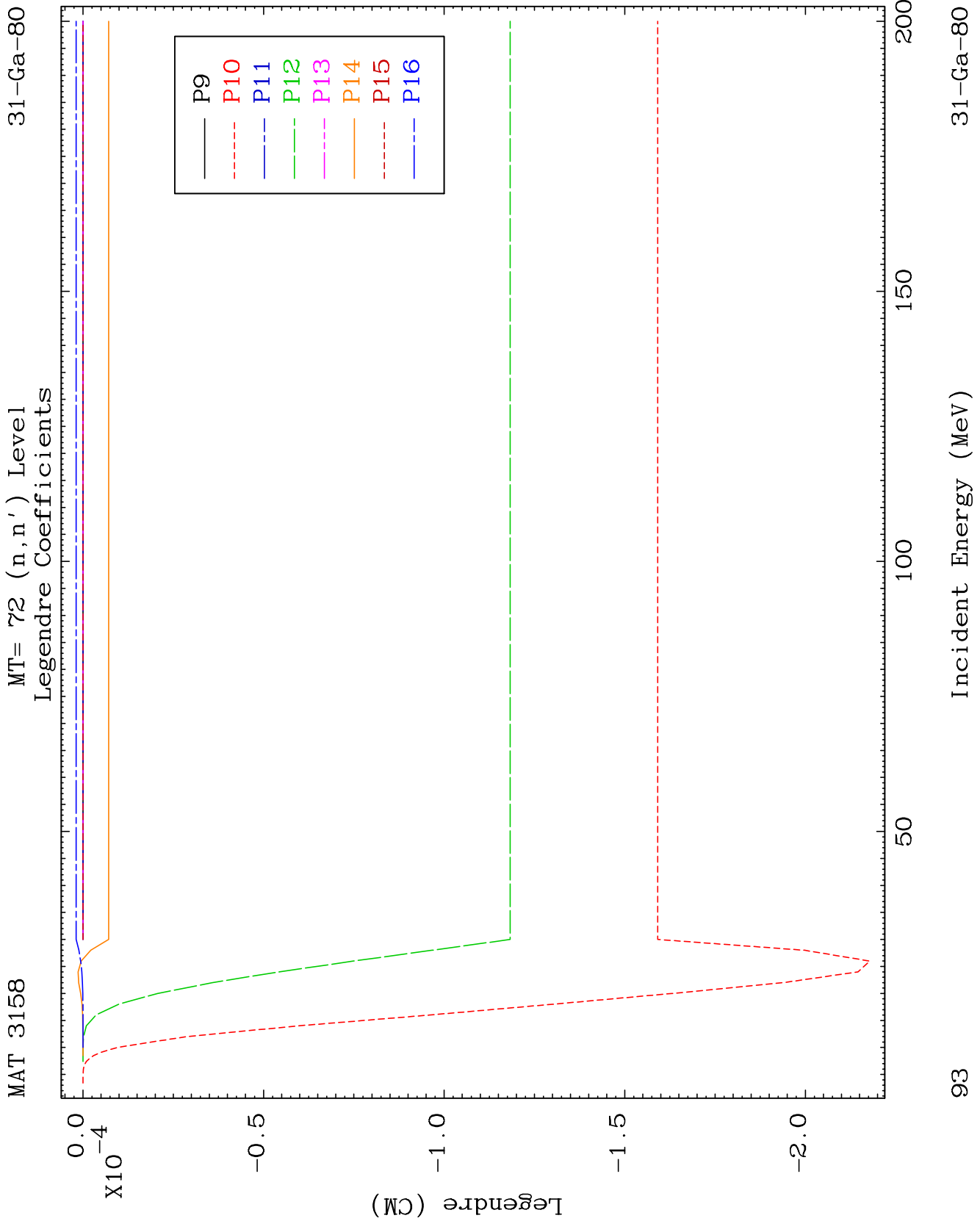
31-Ga-80



31-Ga-80

Incident Energy (MeV)

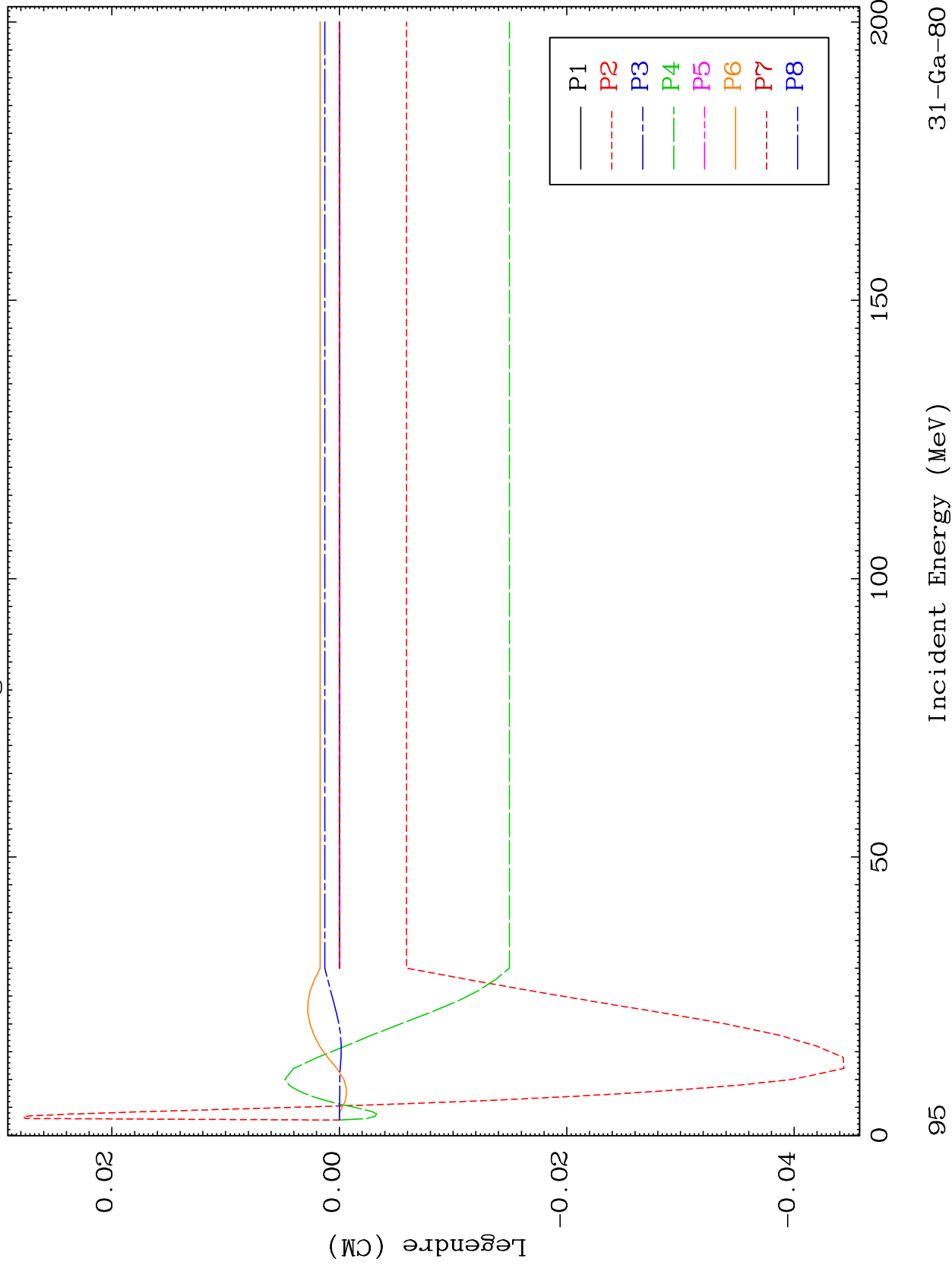
92



MAT 3158

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

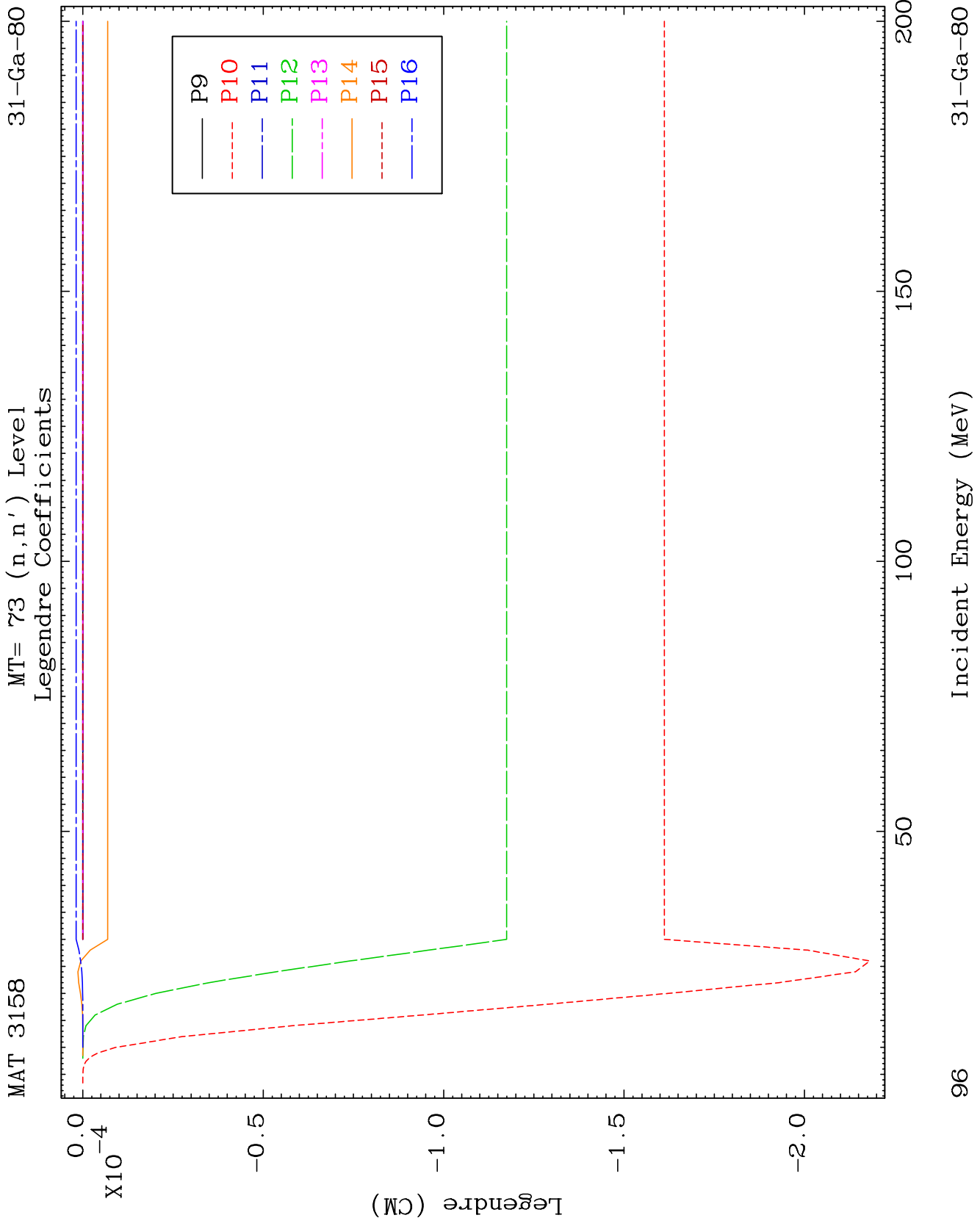
31-Ga-80

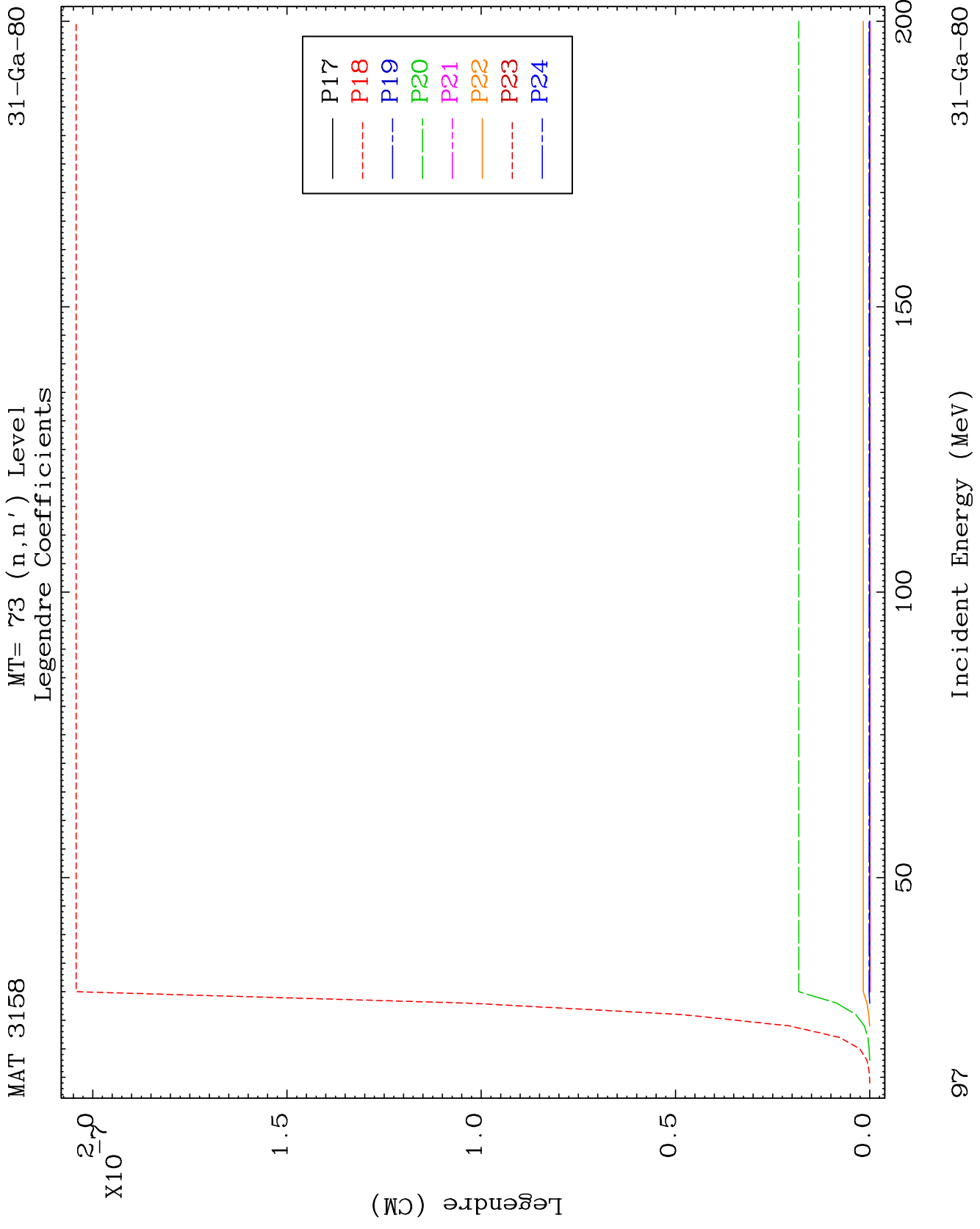


31-Ga-80

Incident Energy (MeV)

95

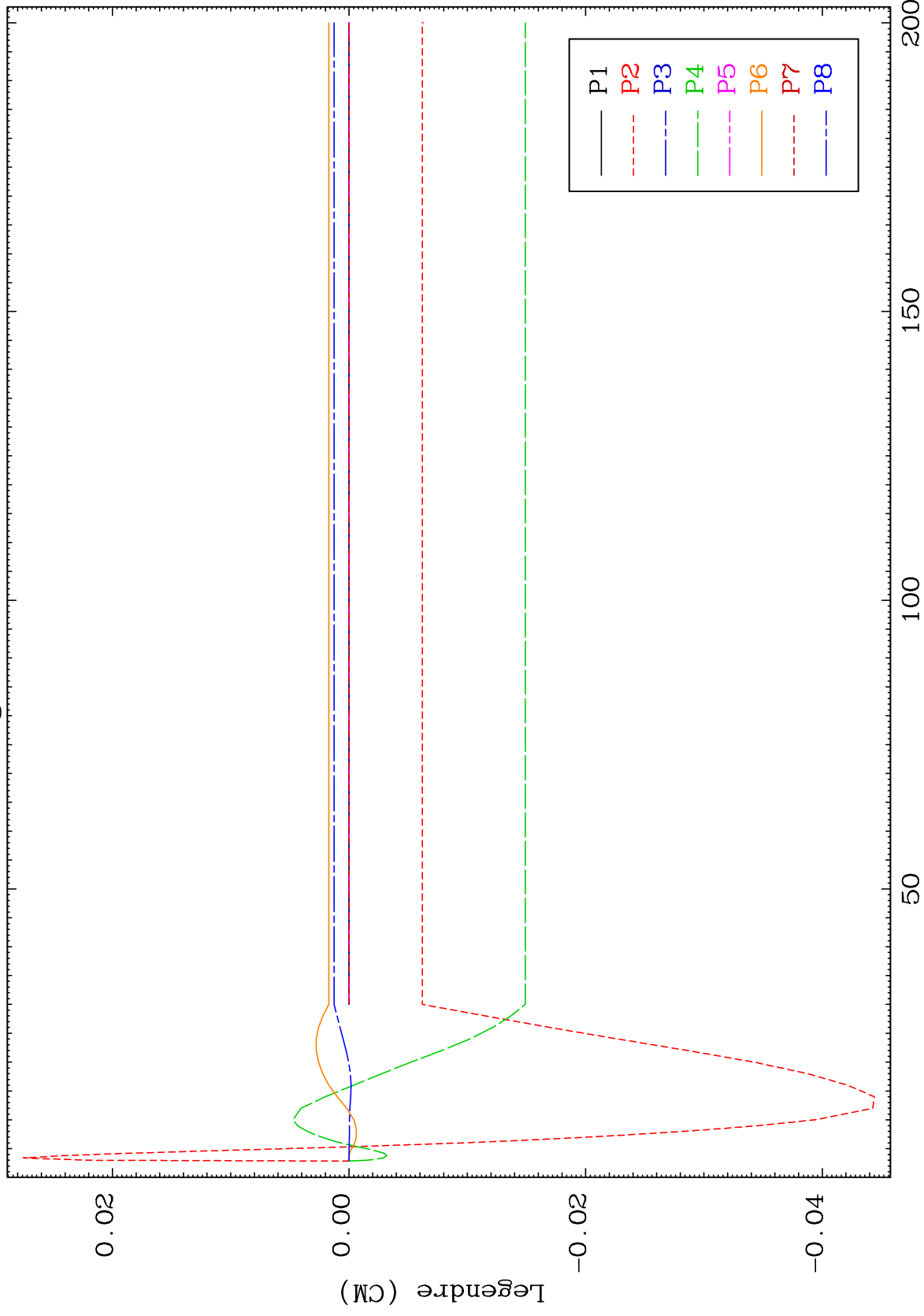




MAT 3158

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

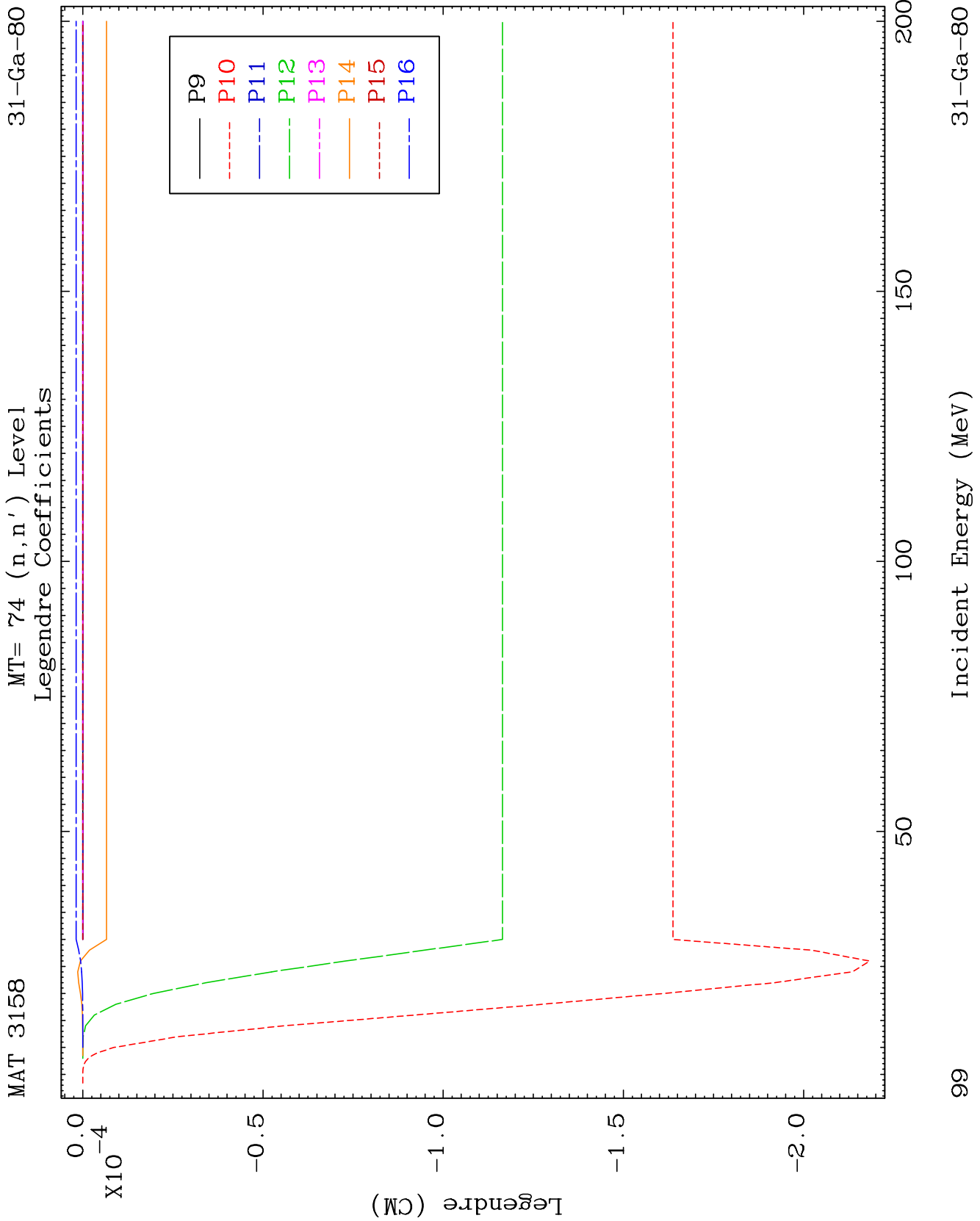
31-Ga-80

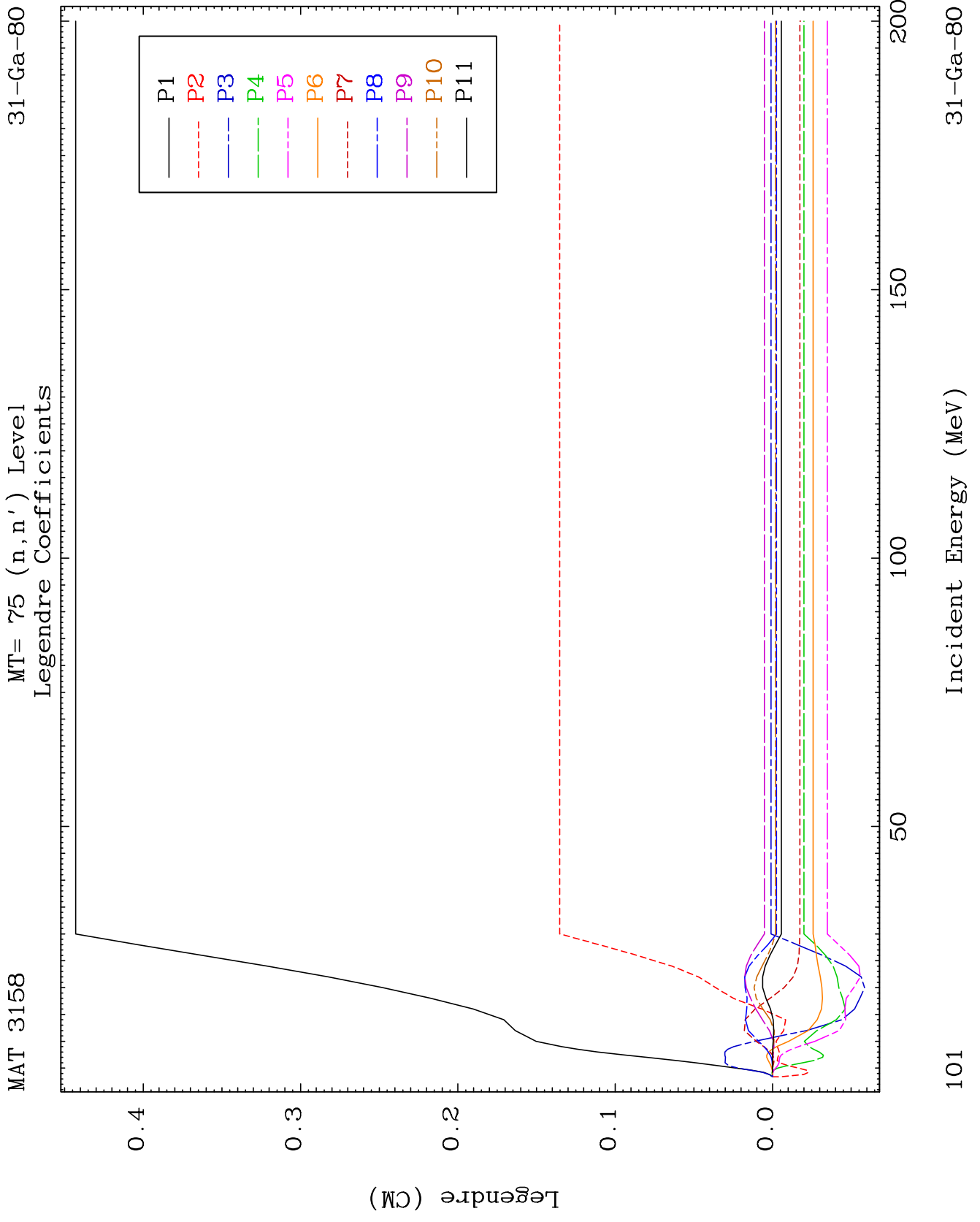


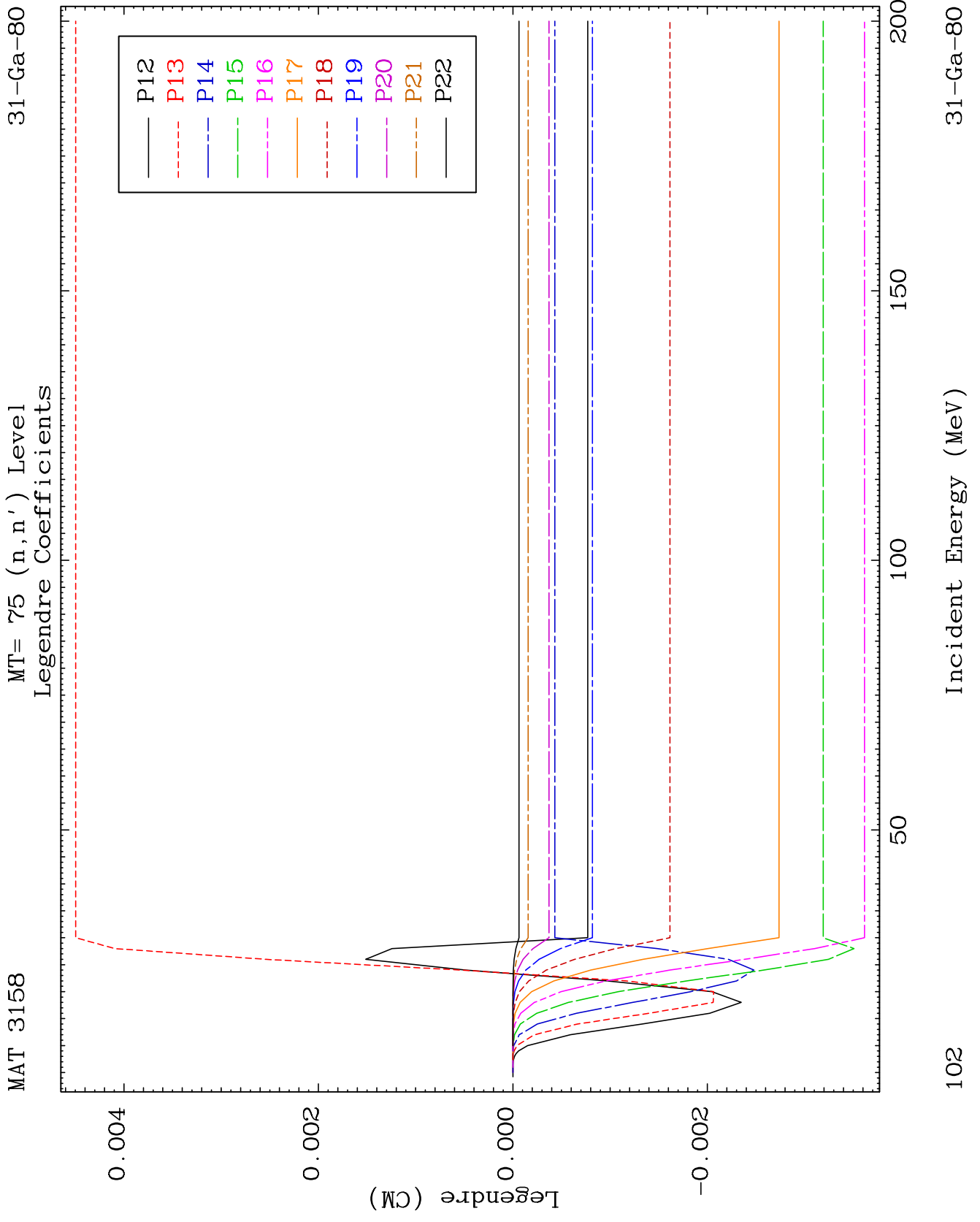
98

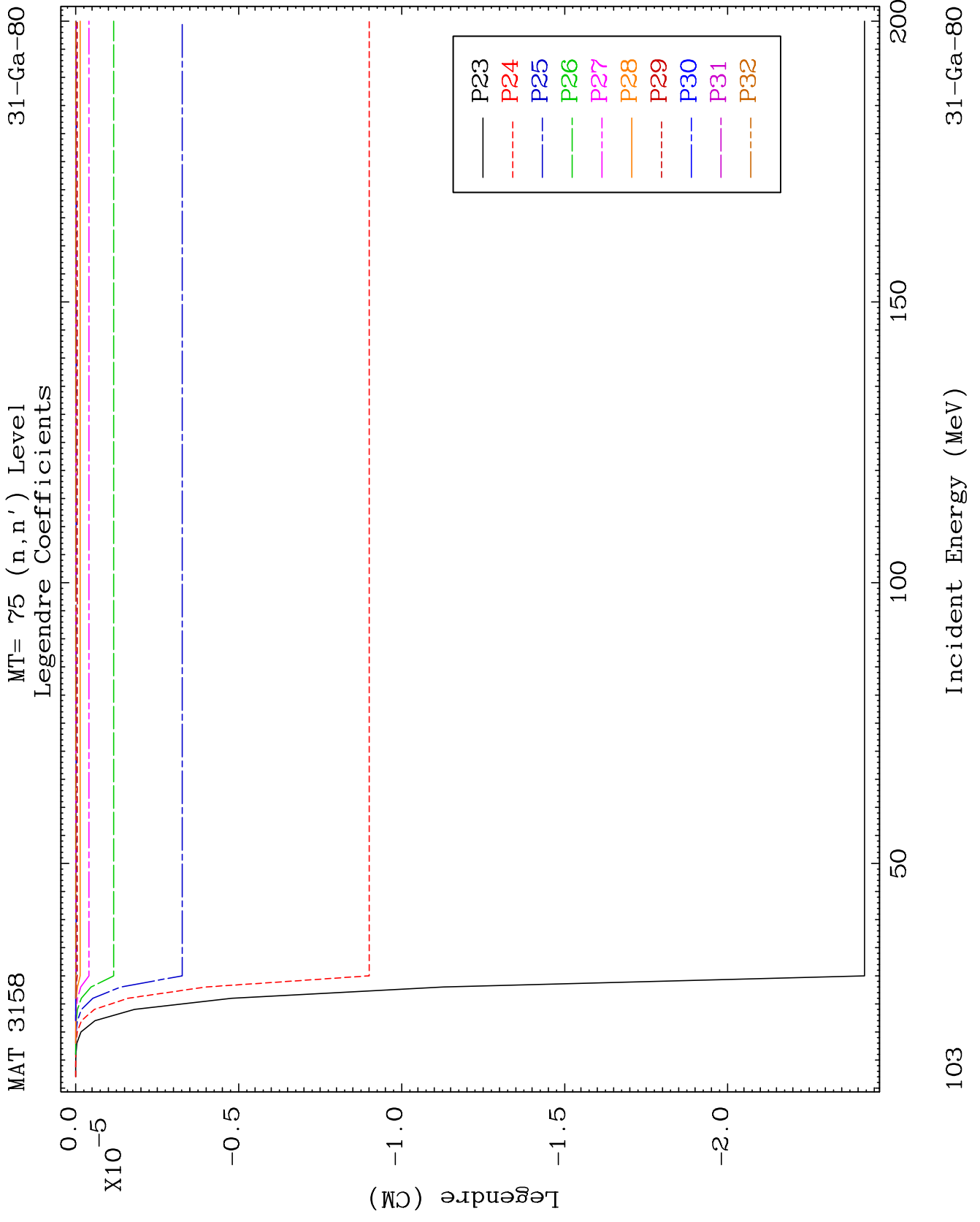
Incident Energy (MeV)

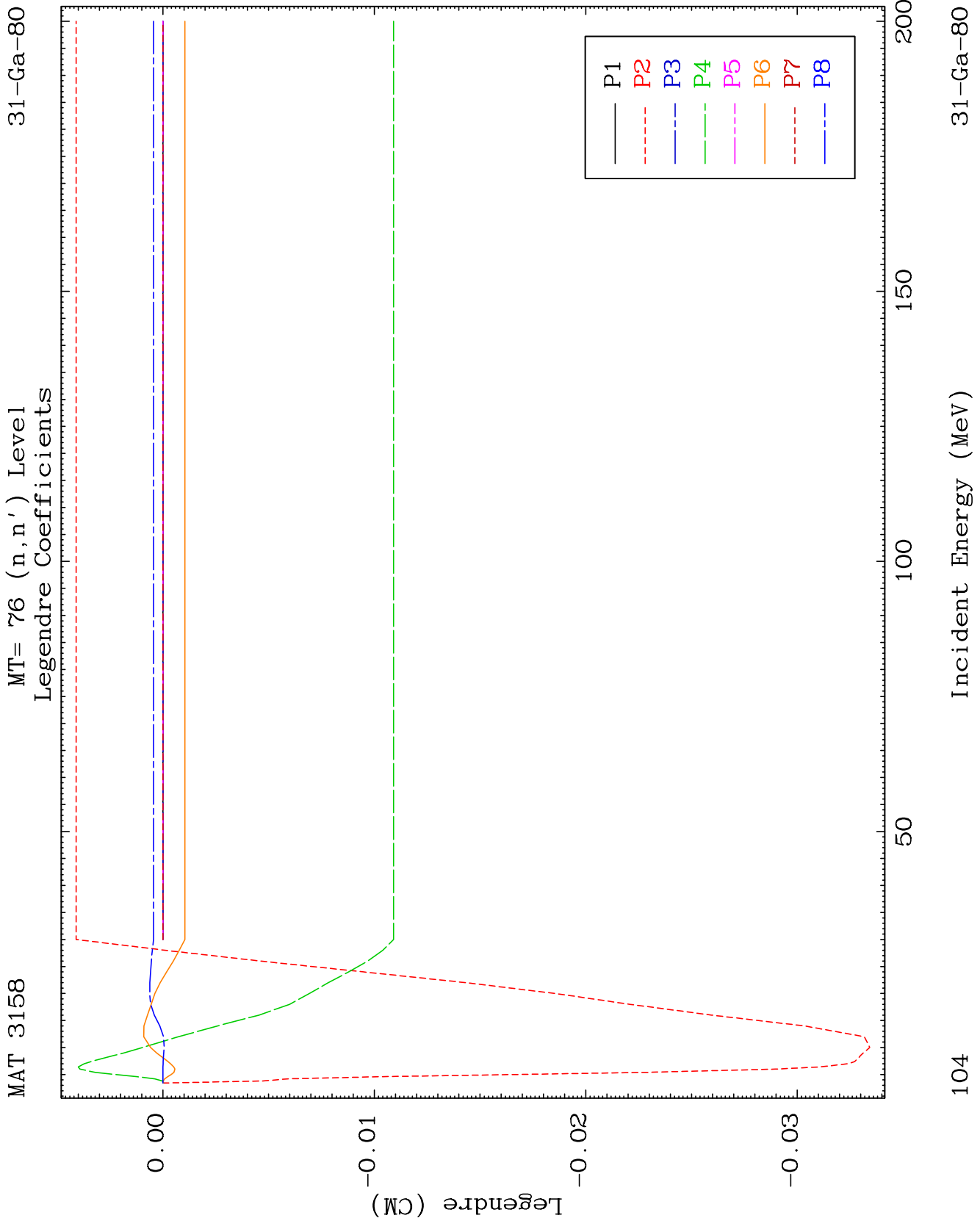
31-Ga-80

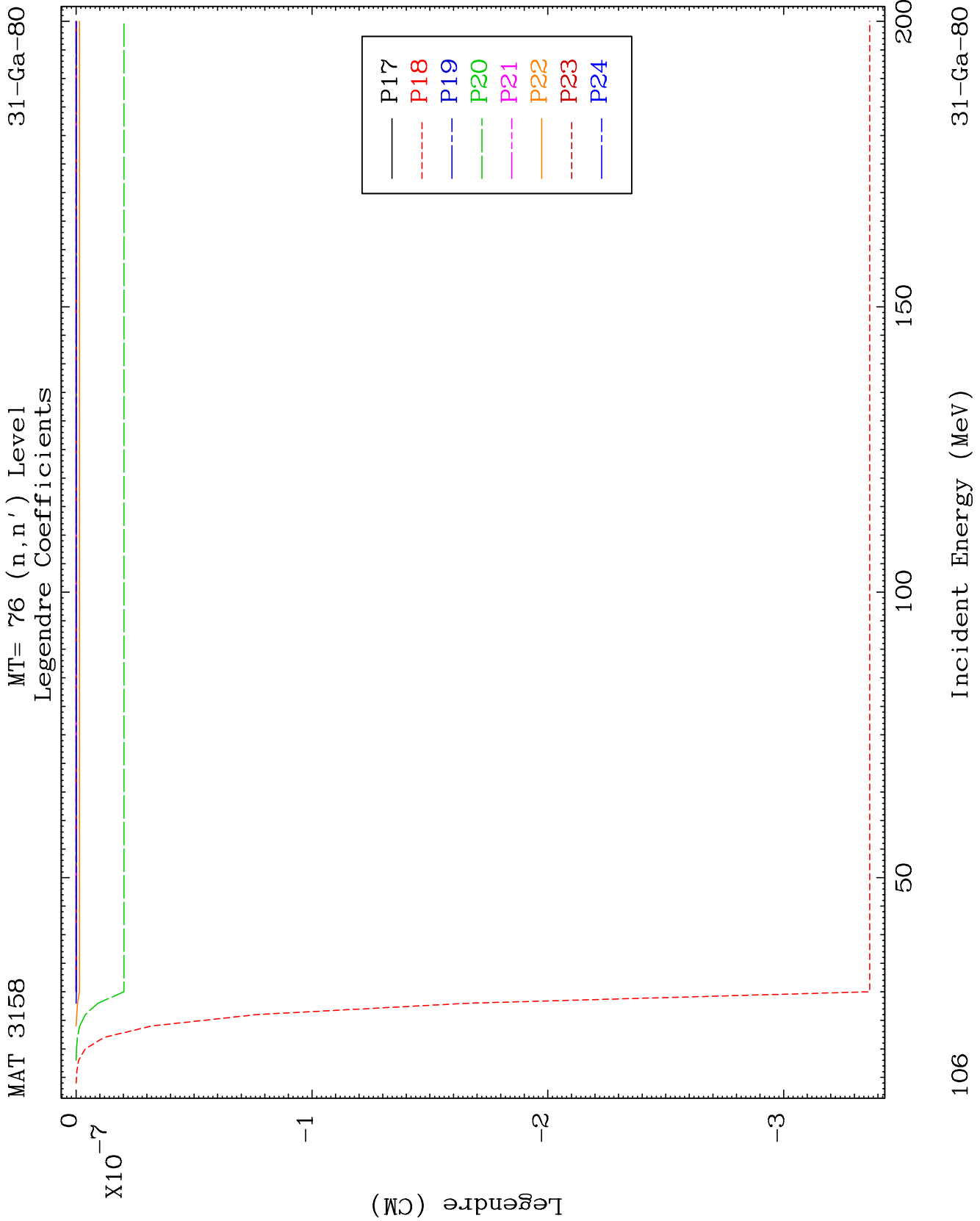








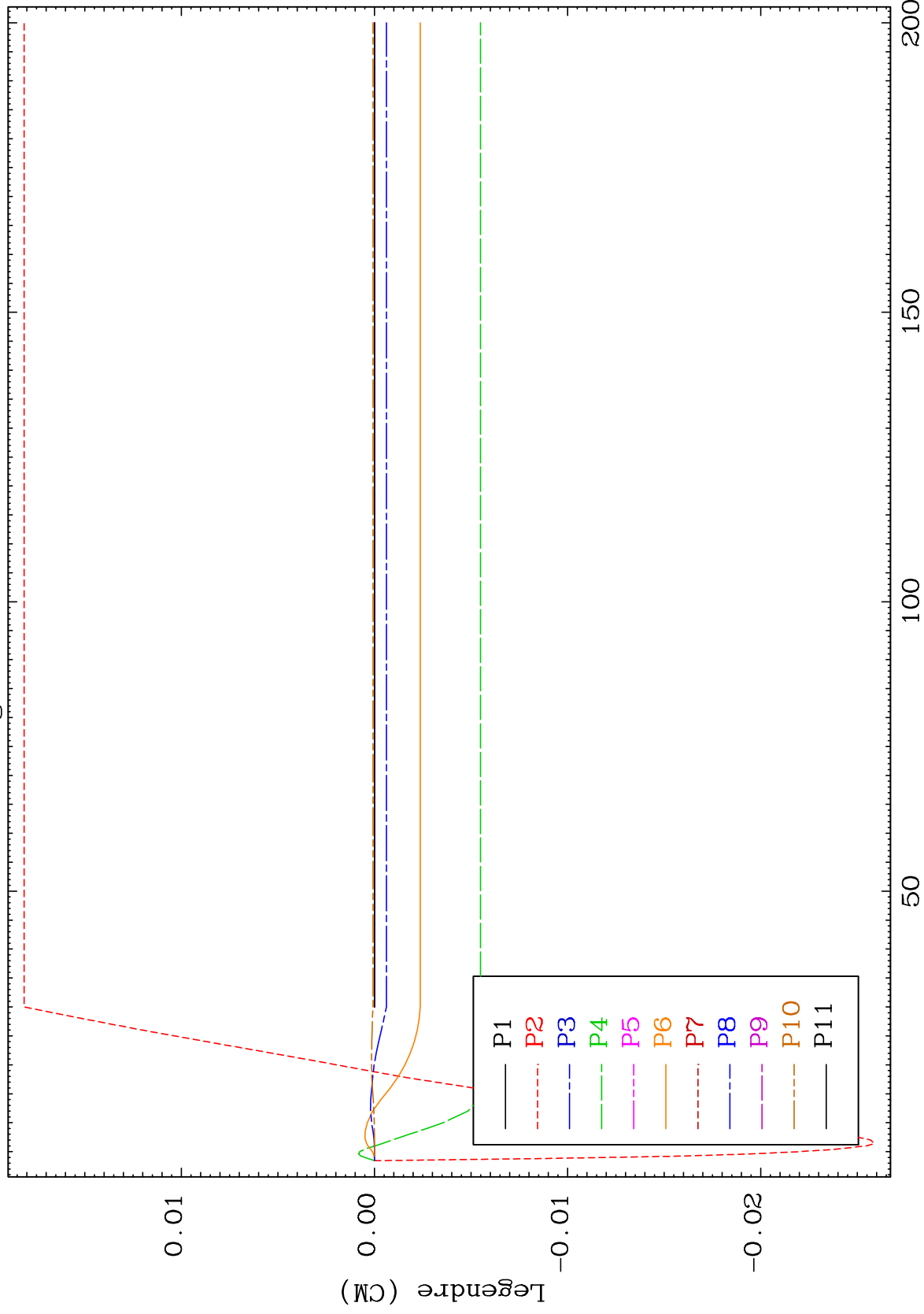




MAT 3158

31-Ga-80

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



107

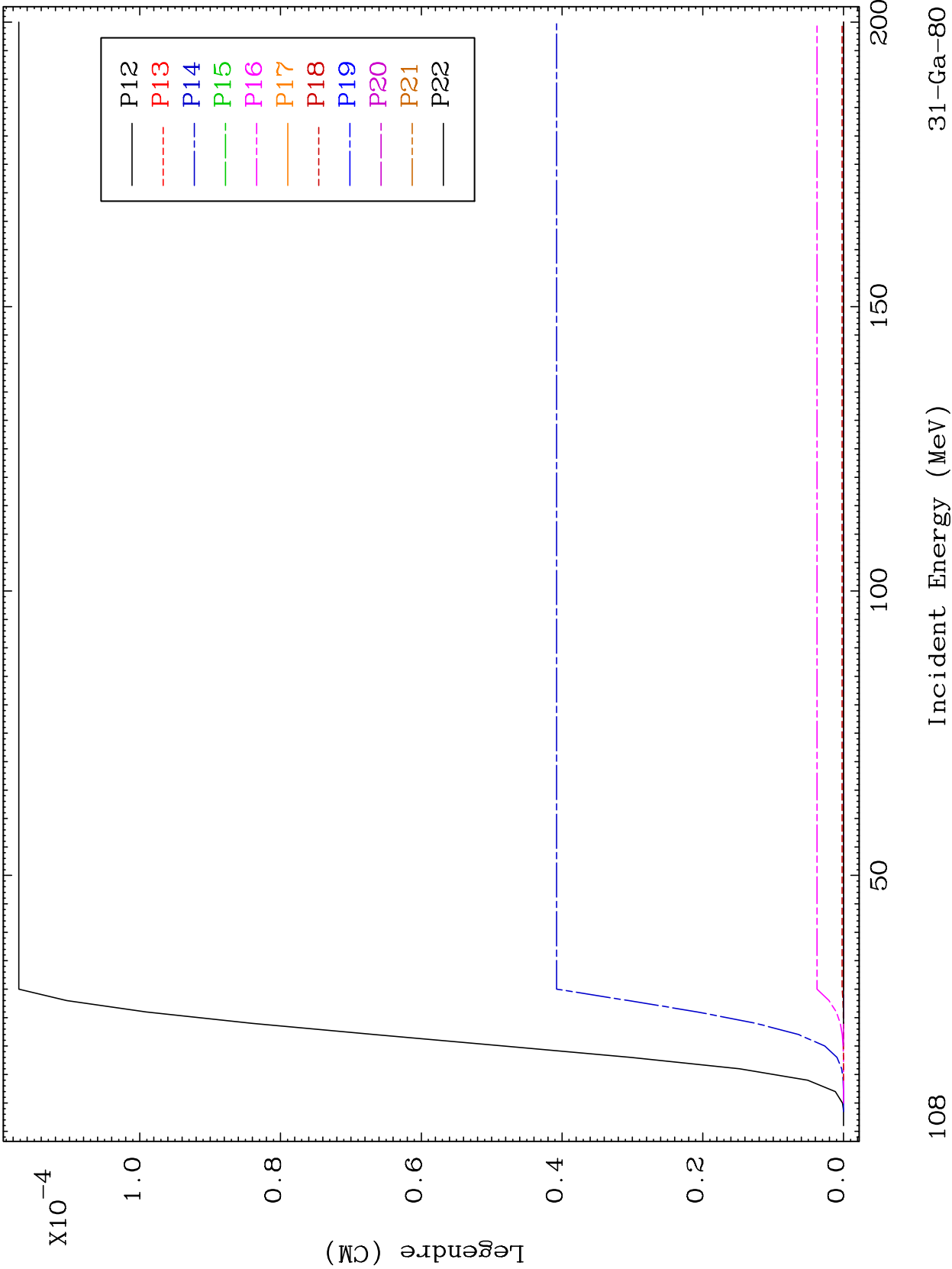
31-Ga-80

Incident Energy (MeV)

MAT 3158

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

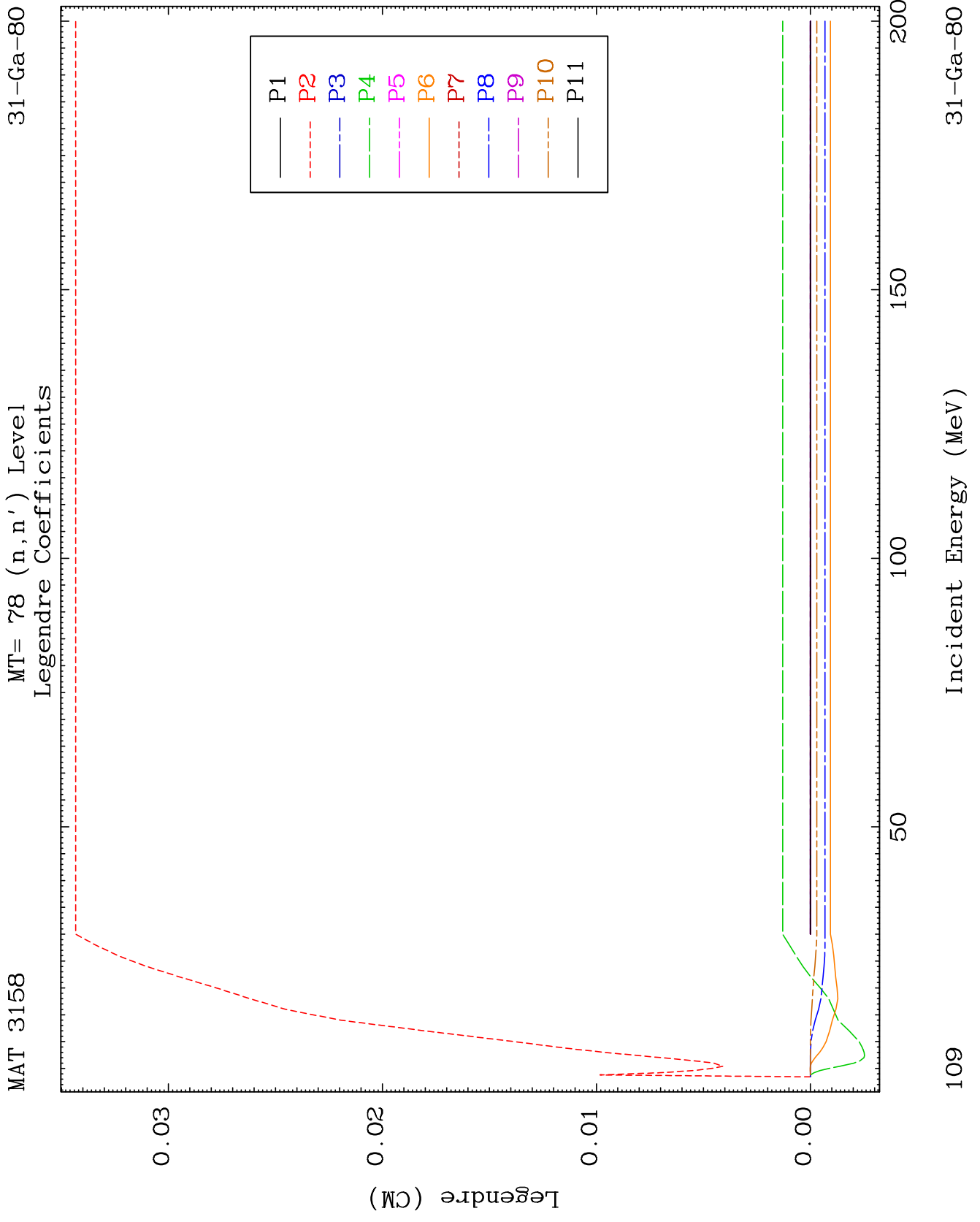
31-Ga-80



108

Incident Energy (MeV)

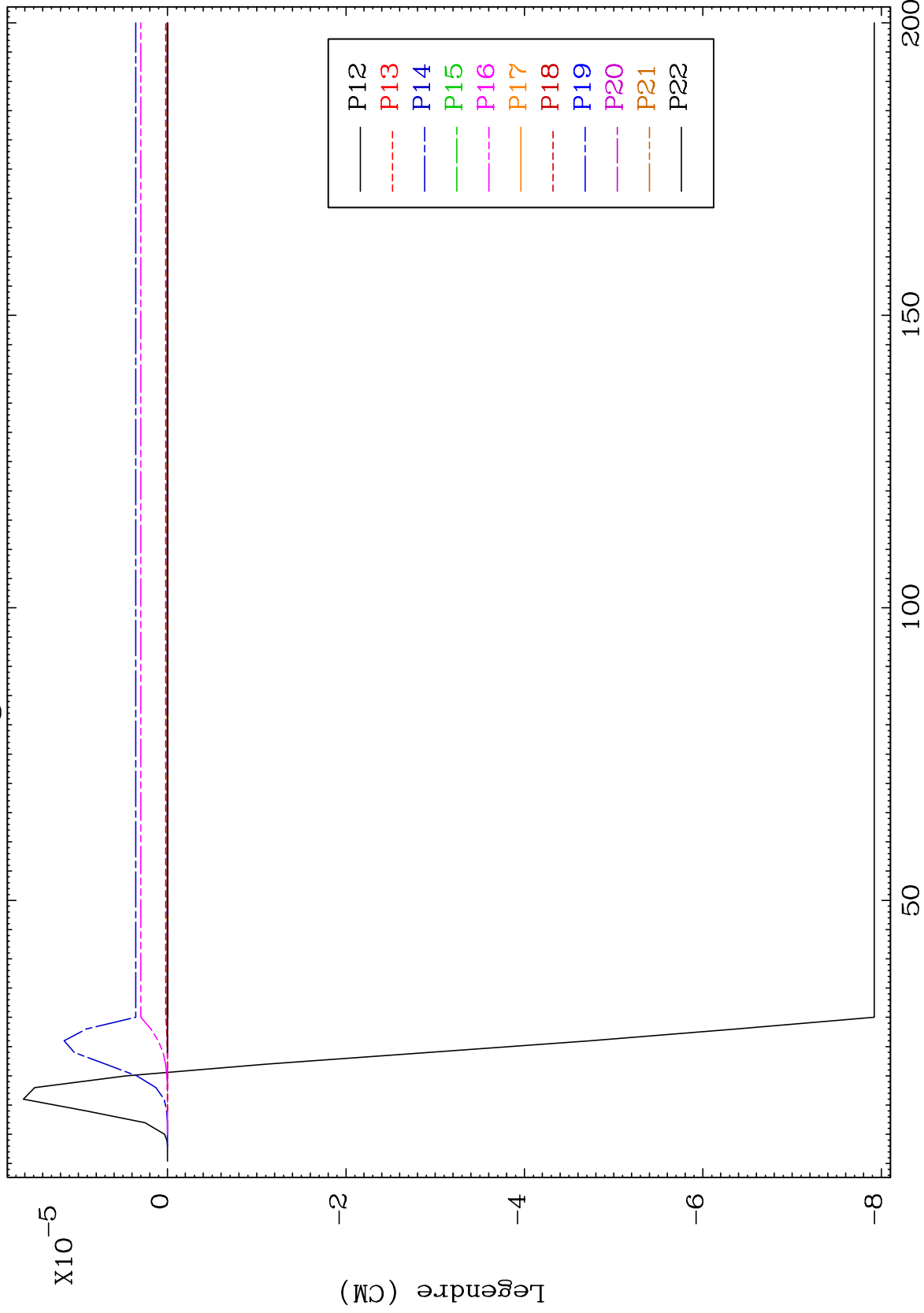
31-Ga-80



MAT 3158

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

31-Ga-80



110

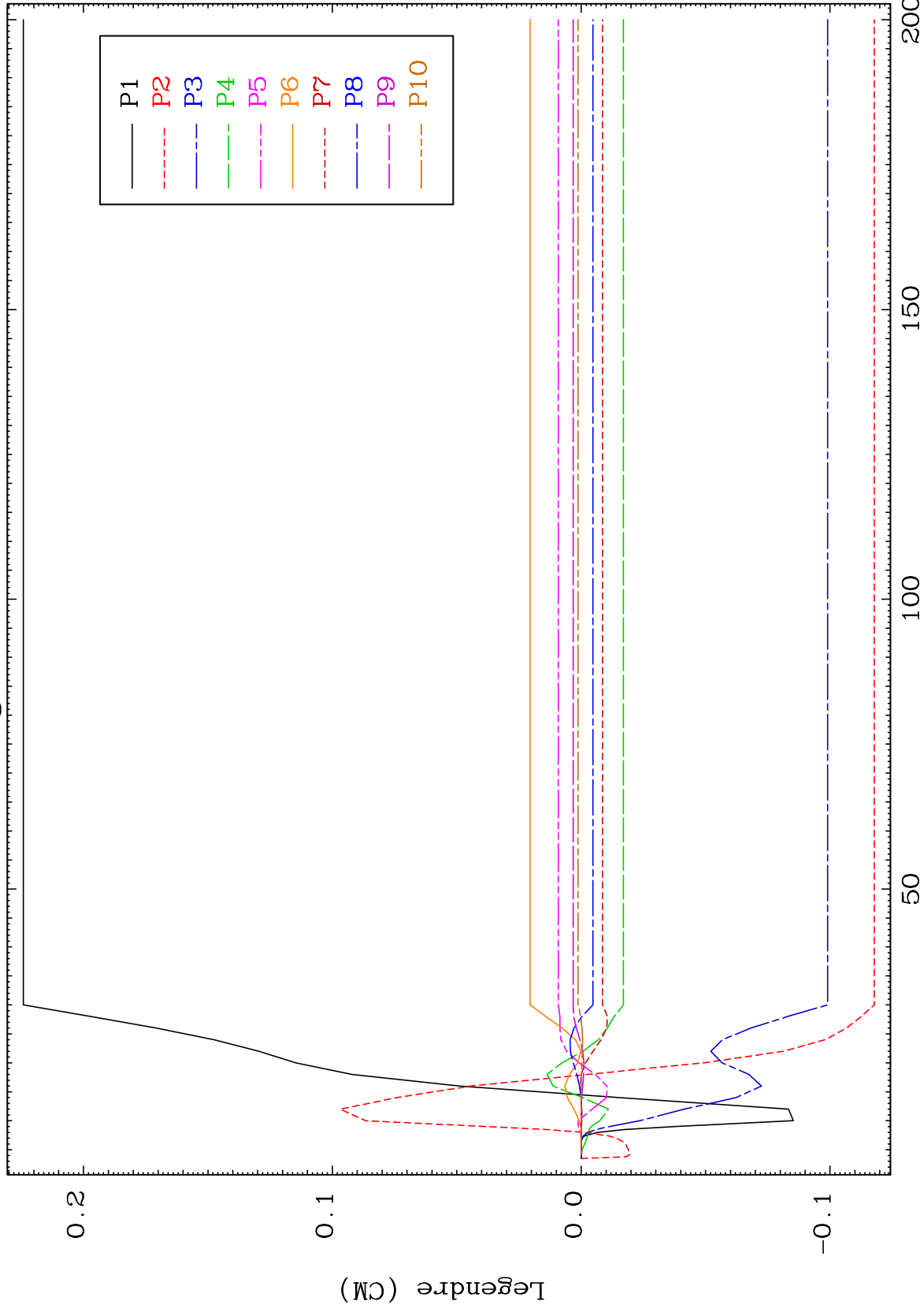
Incident Energy (MeV)

31-Ga-80

MAT 3158

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

31-Ga-80



111

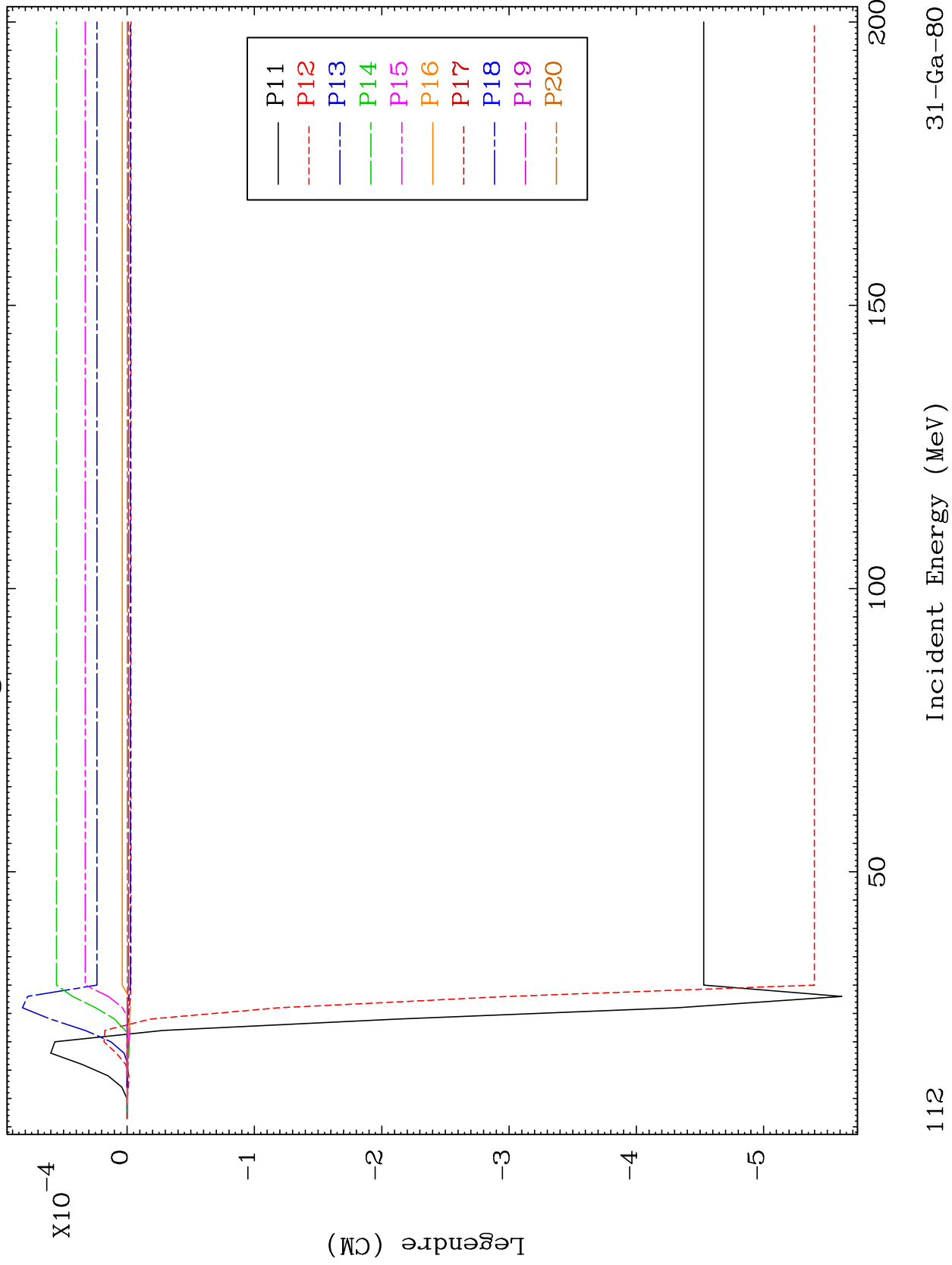
Incident Energy (MeV)

31-Ga-80

MAT 3158

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

31-Ga-80



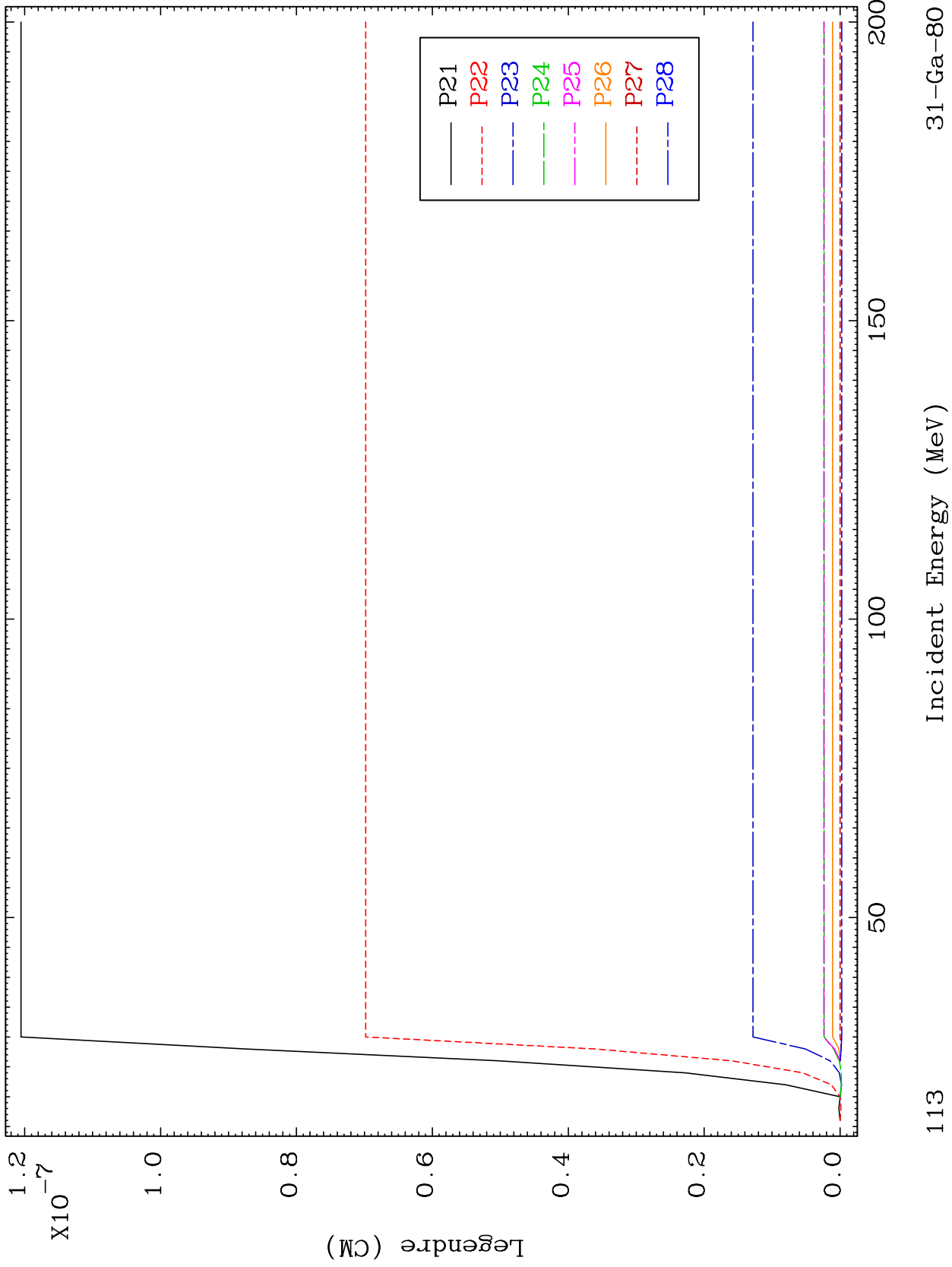
112

31-Ga-80

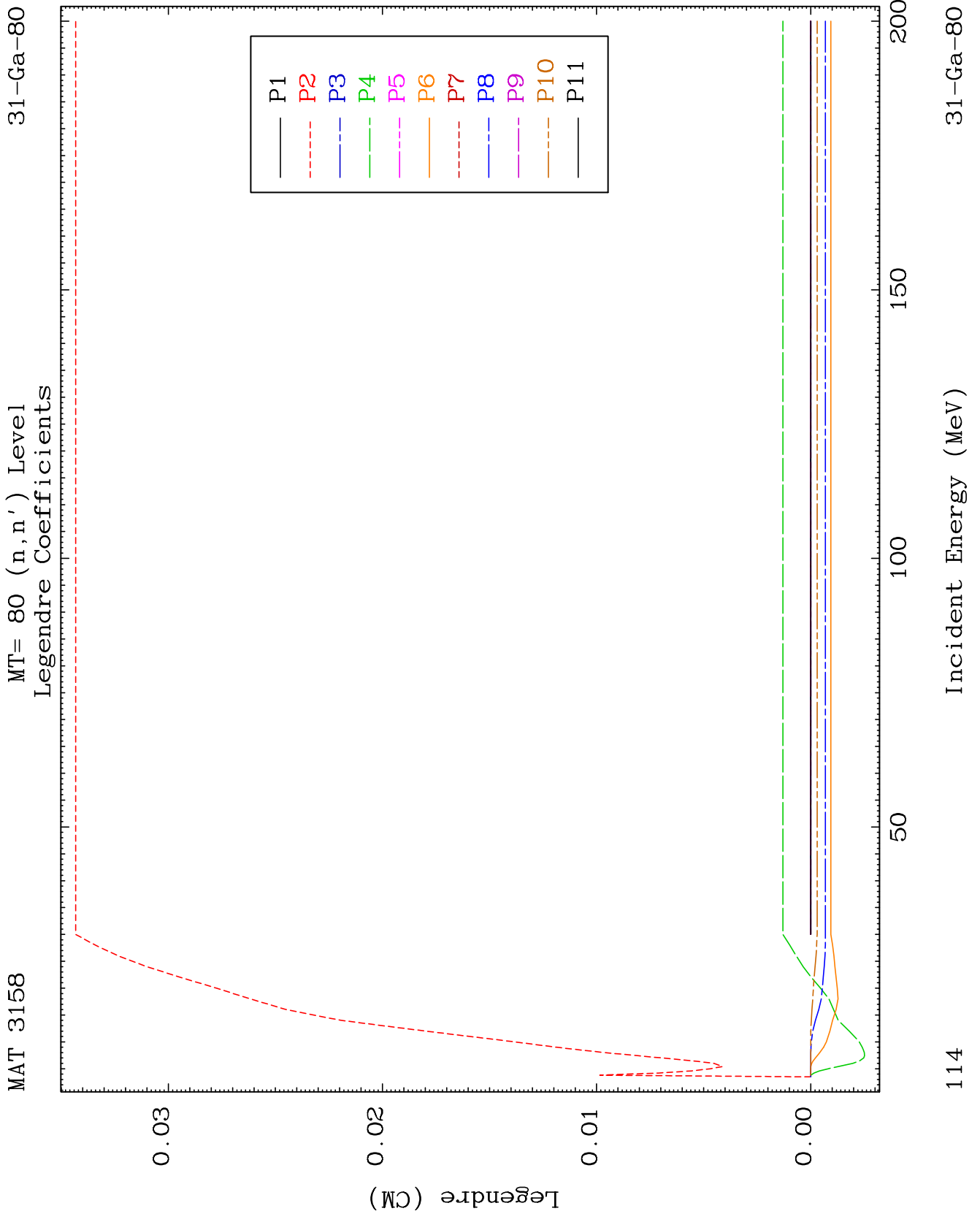
MAT 3158

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

31-Ga-80



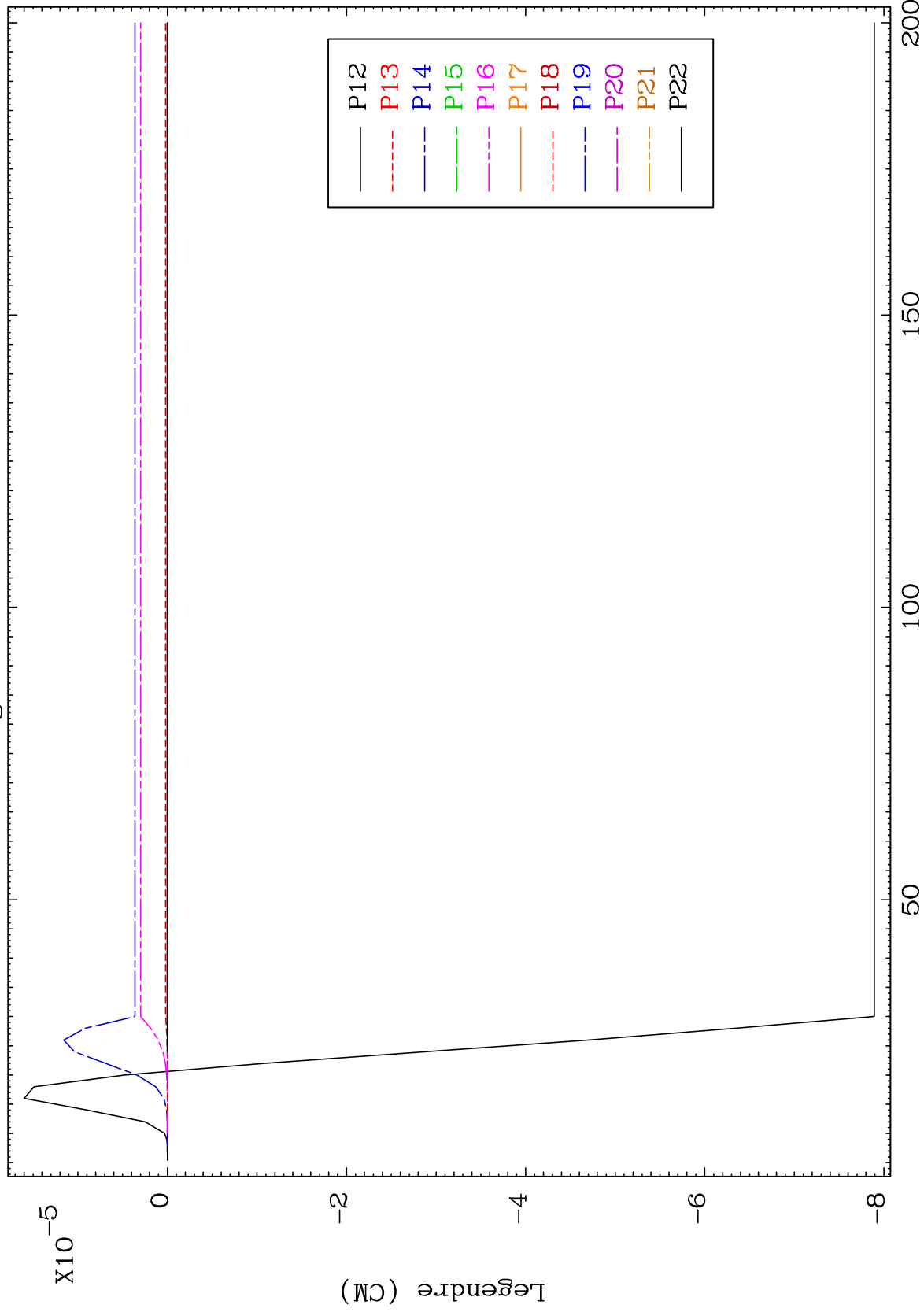
113



MAT 3158

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

31-Ga-80



115

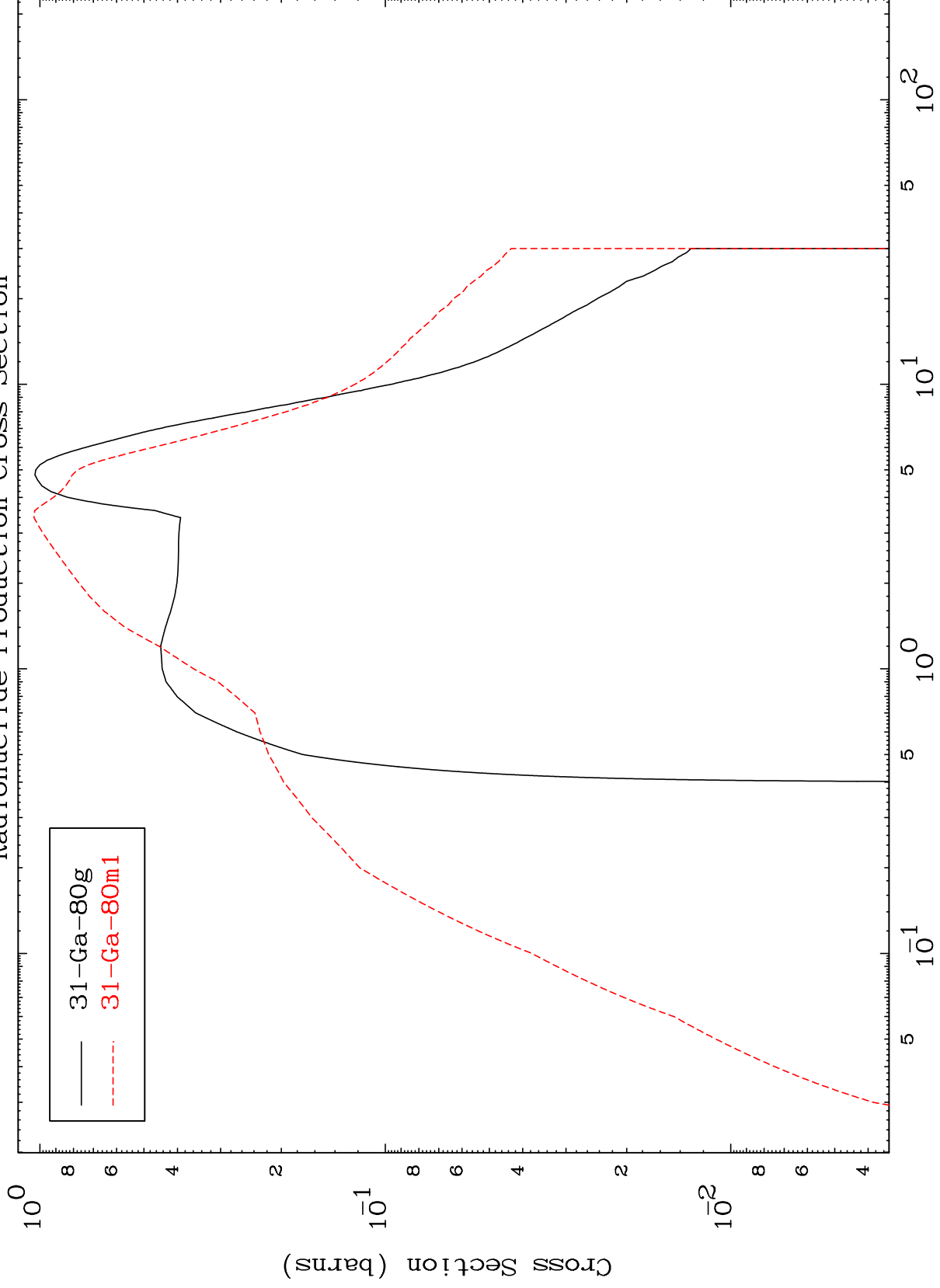
Incident Energy (MeV)

31-Ga-80

MAT 3158

31-Ga-80

Inelastic
Radionuclide Production Cross Section



31-Ga-80g
31-Ga-80m1

116

Incident Energy (MeV)

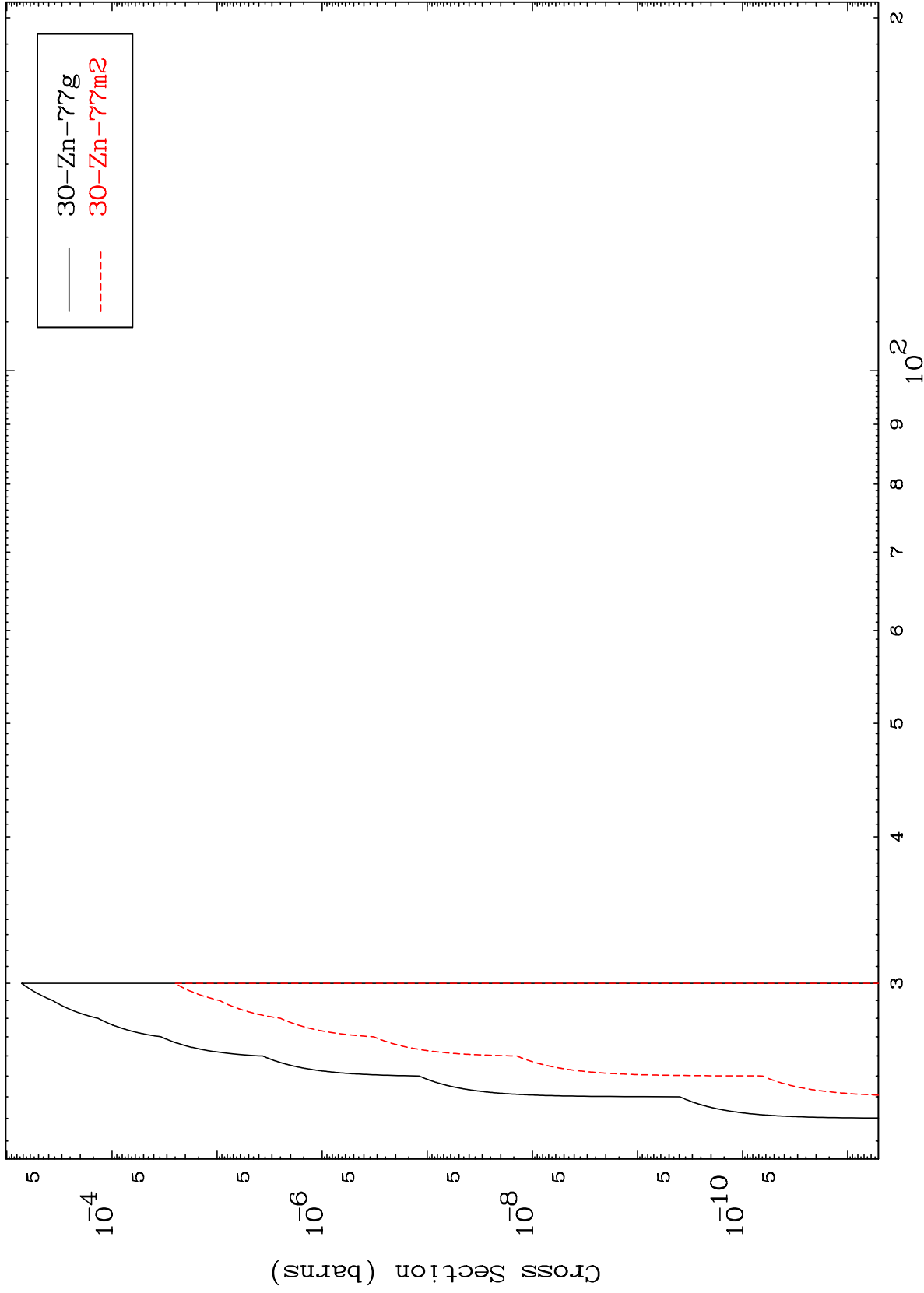
31-Ga-80

MAT 3158

(n,2n) d

31-Ga-80

Radionuclide Production Cross Section



117

Incident Energy (MeV)

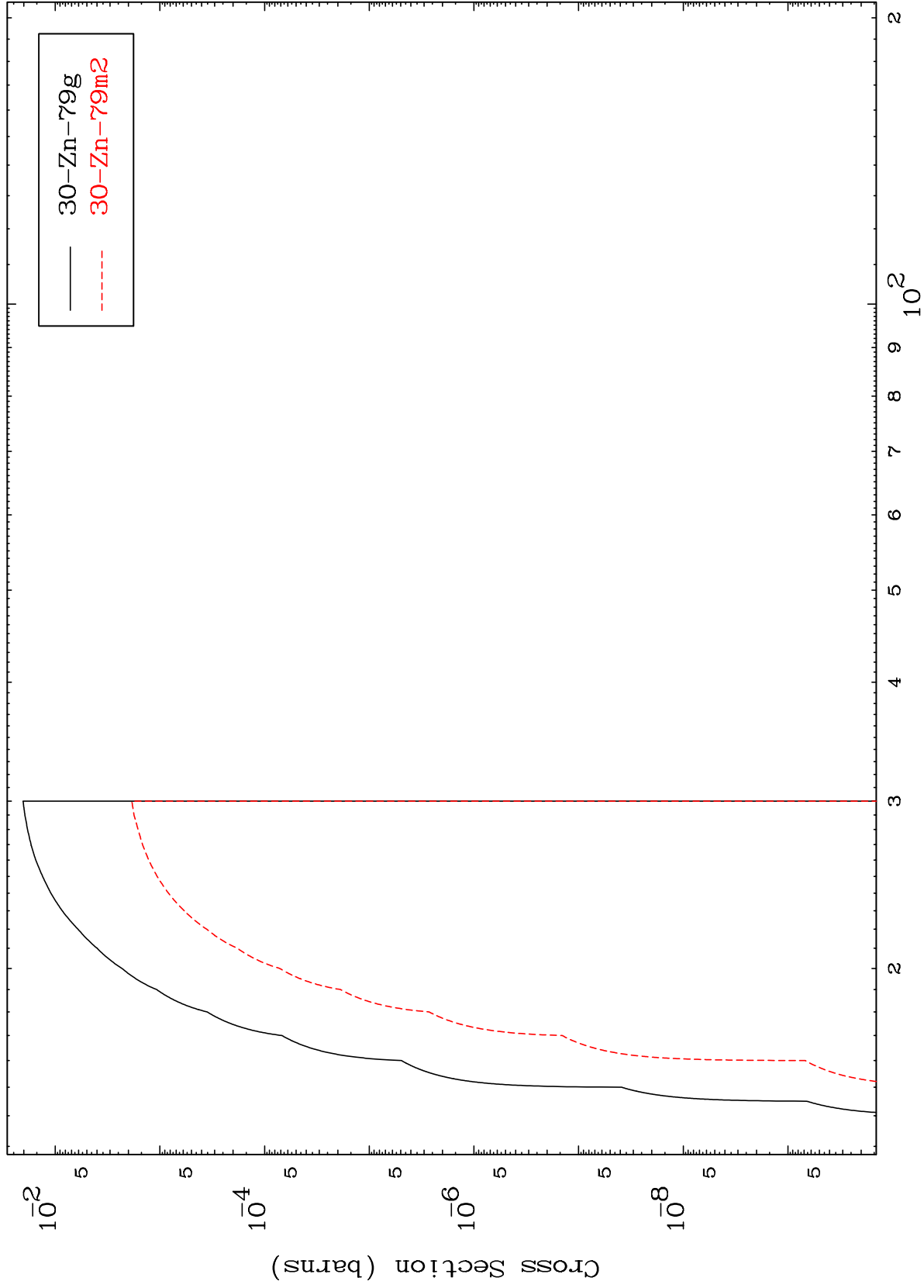
31-Ga-80

MAT 3158

(n, n') p

31-Ga-80

Radionuclide Production Cross Section

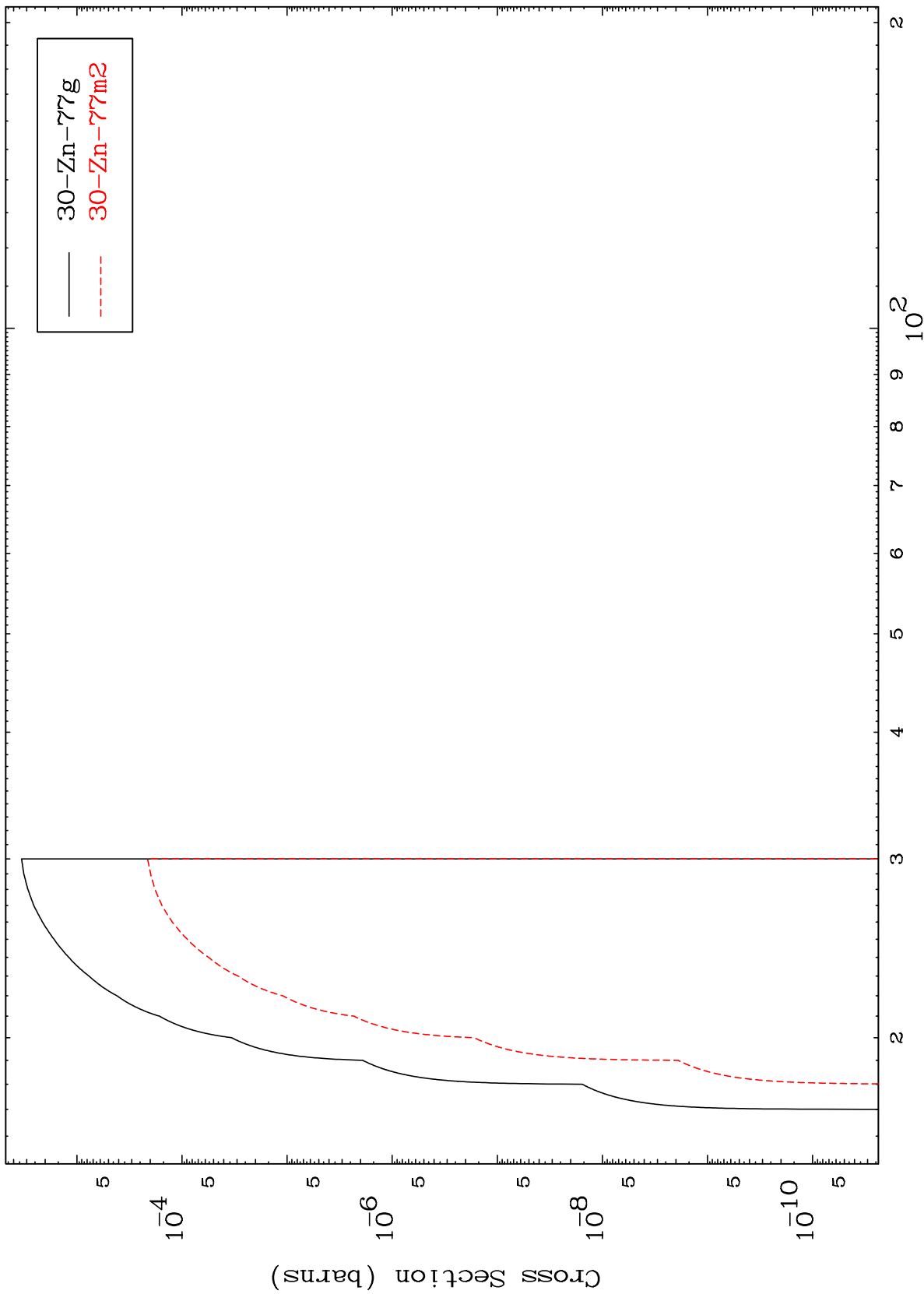


118

Incident Energy (MeV)

31-Ga-80

Radionuclide Production Cross Section

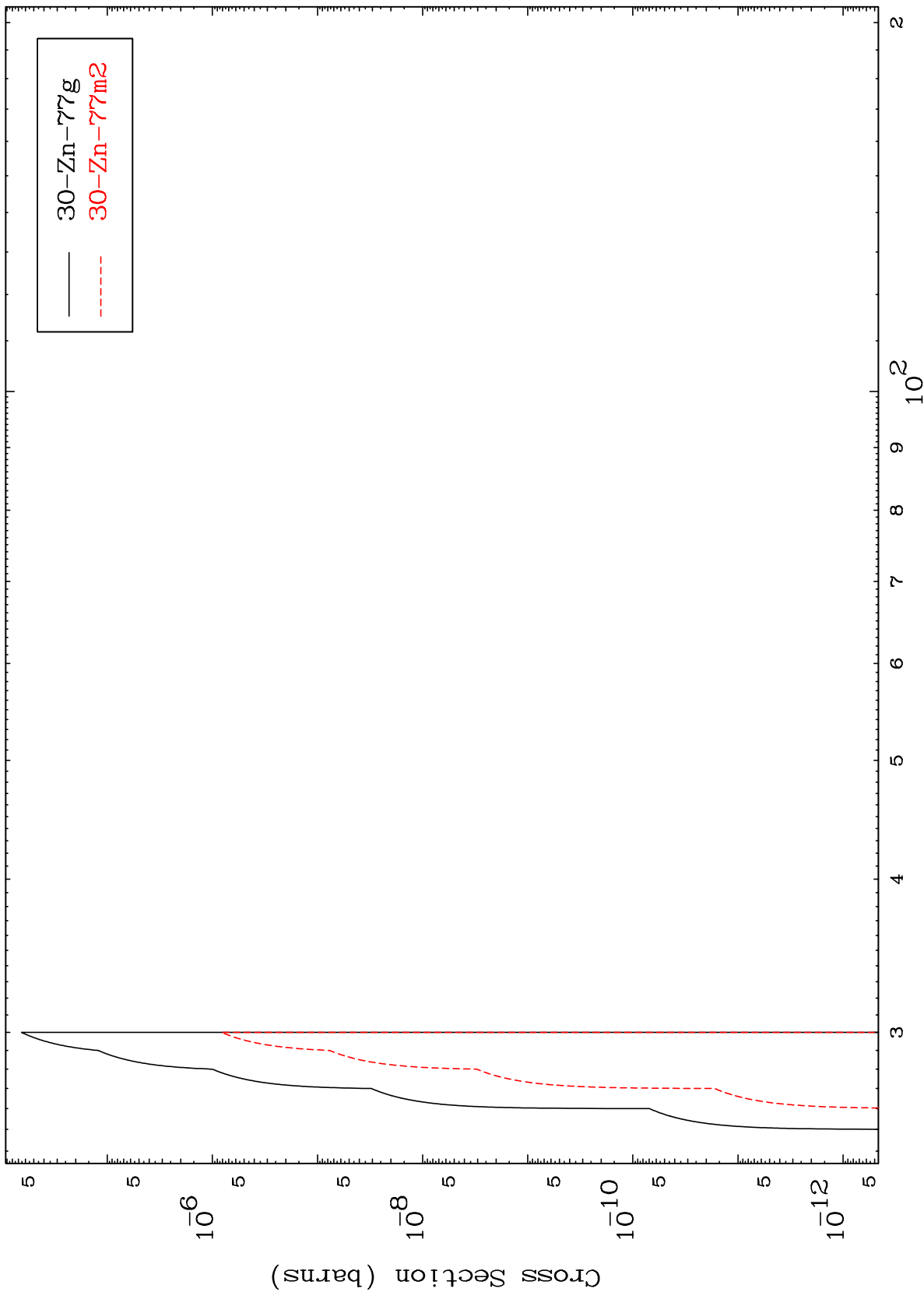


MAT 3158

(n,3n) p

31-Ga-80

Radionuclide Production Cross Section



120

Incident Energy (MeV)

31-Ga-80

Radionuclide Production Cross Section

