

Program EVALPLOT
(Version 2021-1)

by

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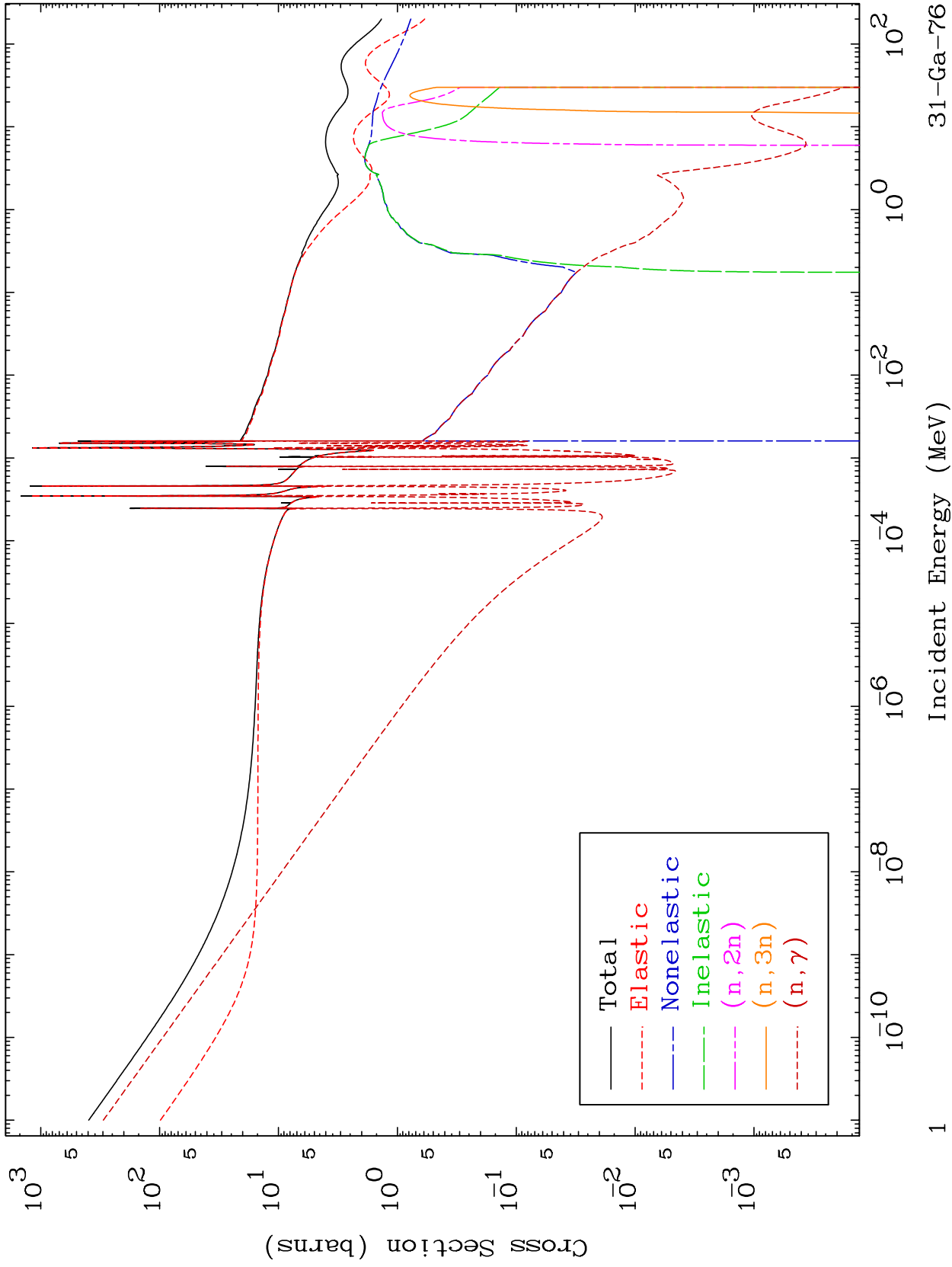
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Press Mouse Button to Start

MAT 3146

Neutron Major
293 Kelvin Cross Sections

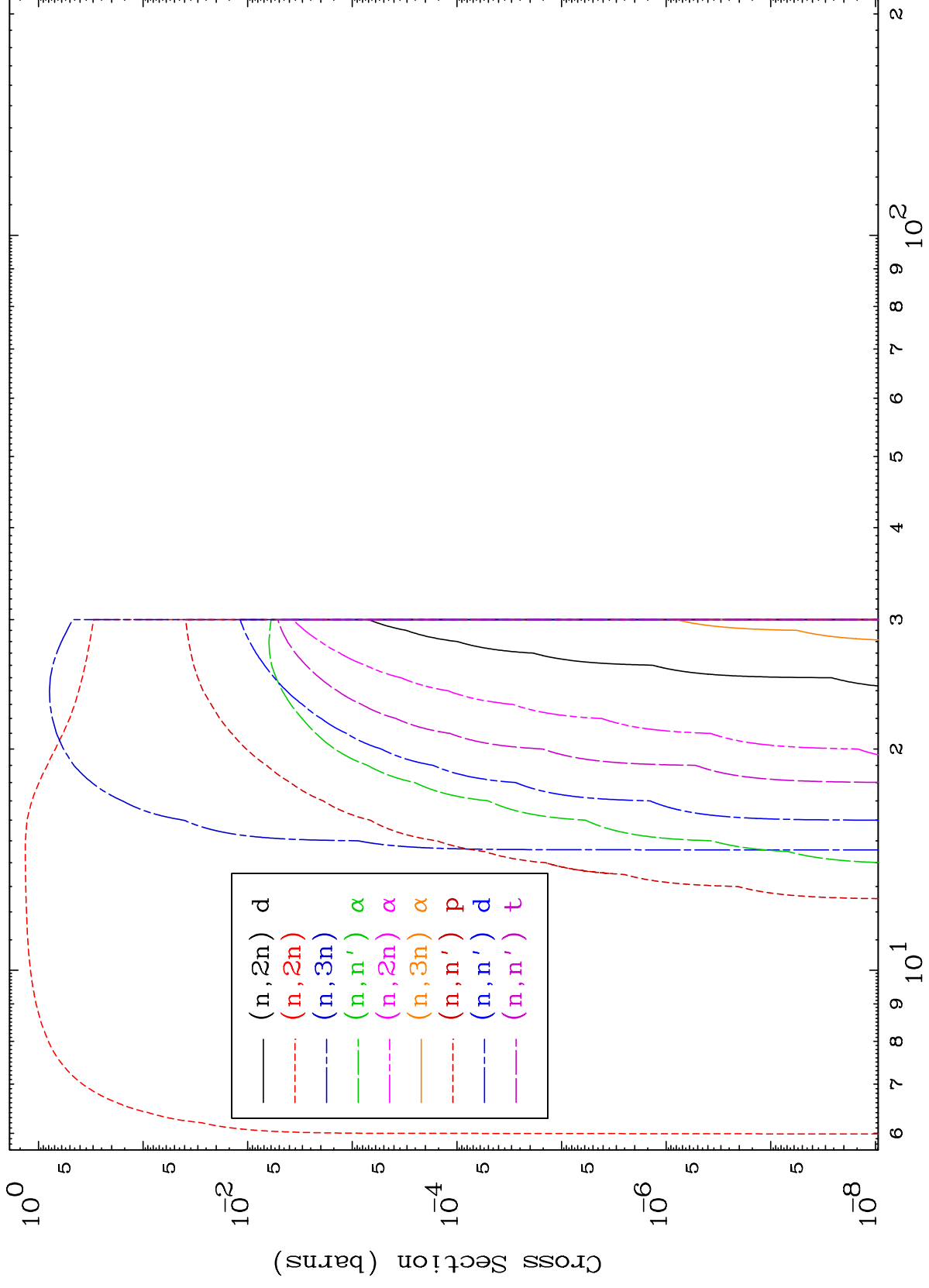
31-Ga-76



MAT 3146

Neutron Absorption
293 Kelvin Cross Sections

31-Ga-76



Incident Energy (MeV)

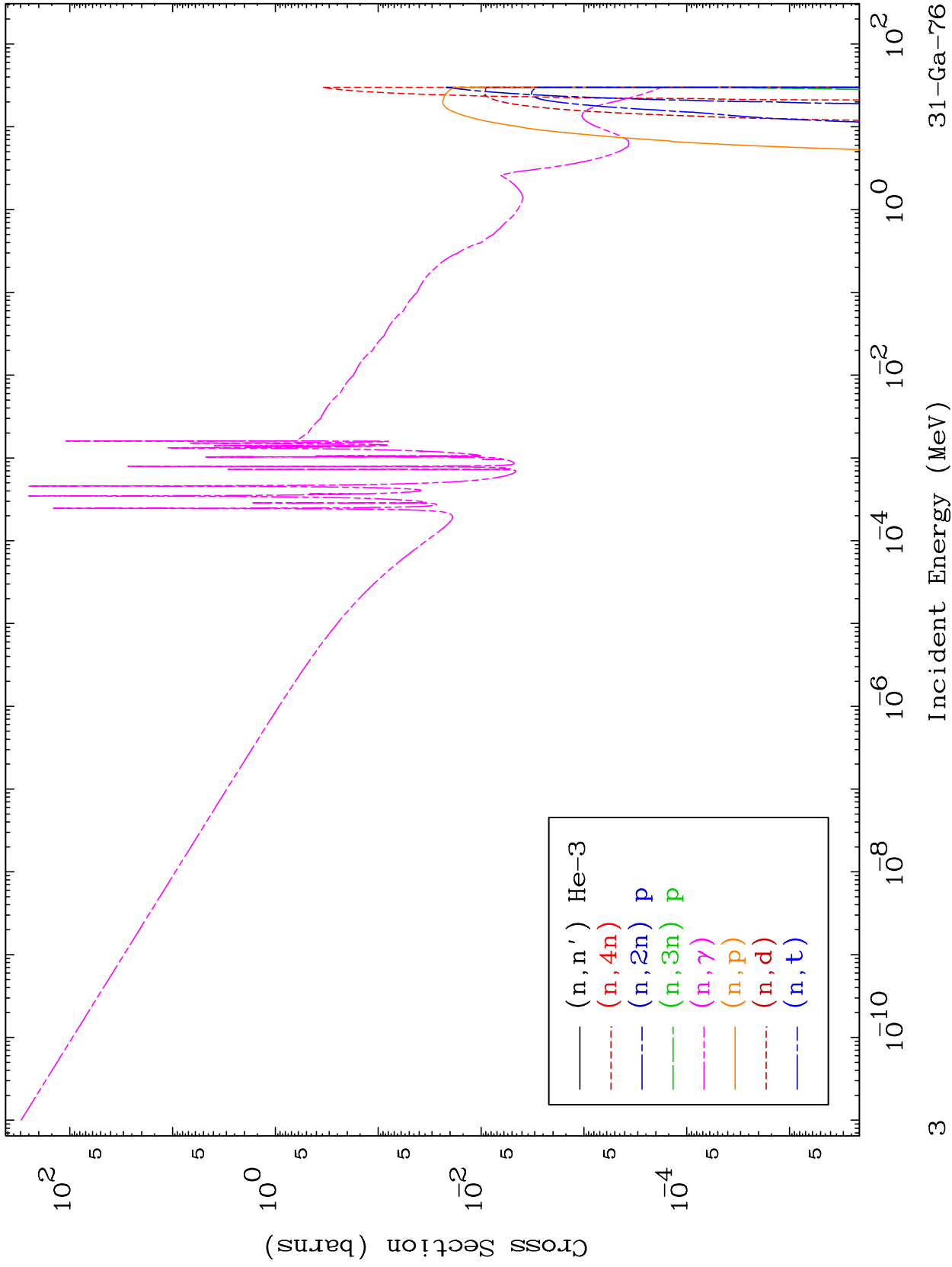
31-Ga-76

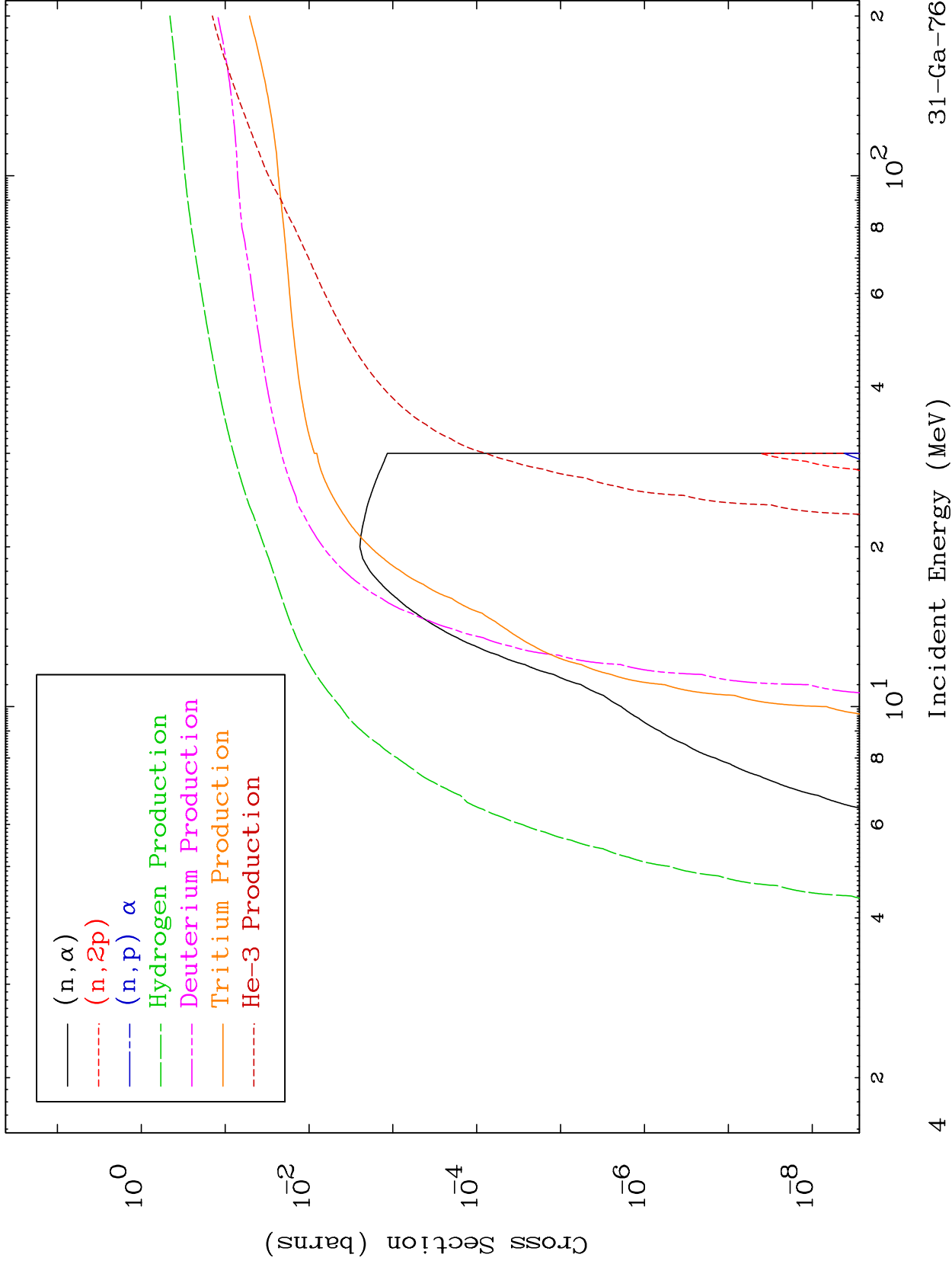
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MAT 3146

Neutron Absorption
293 Kelvin Cross Sections

31-Ga-76

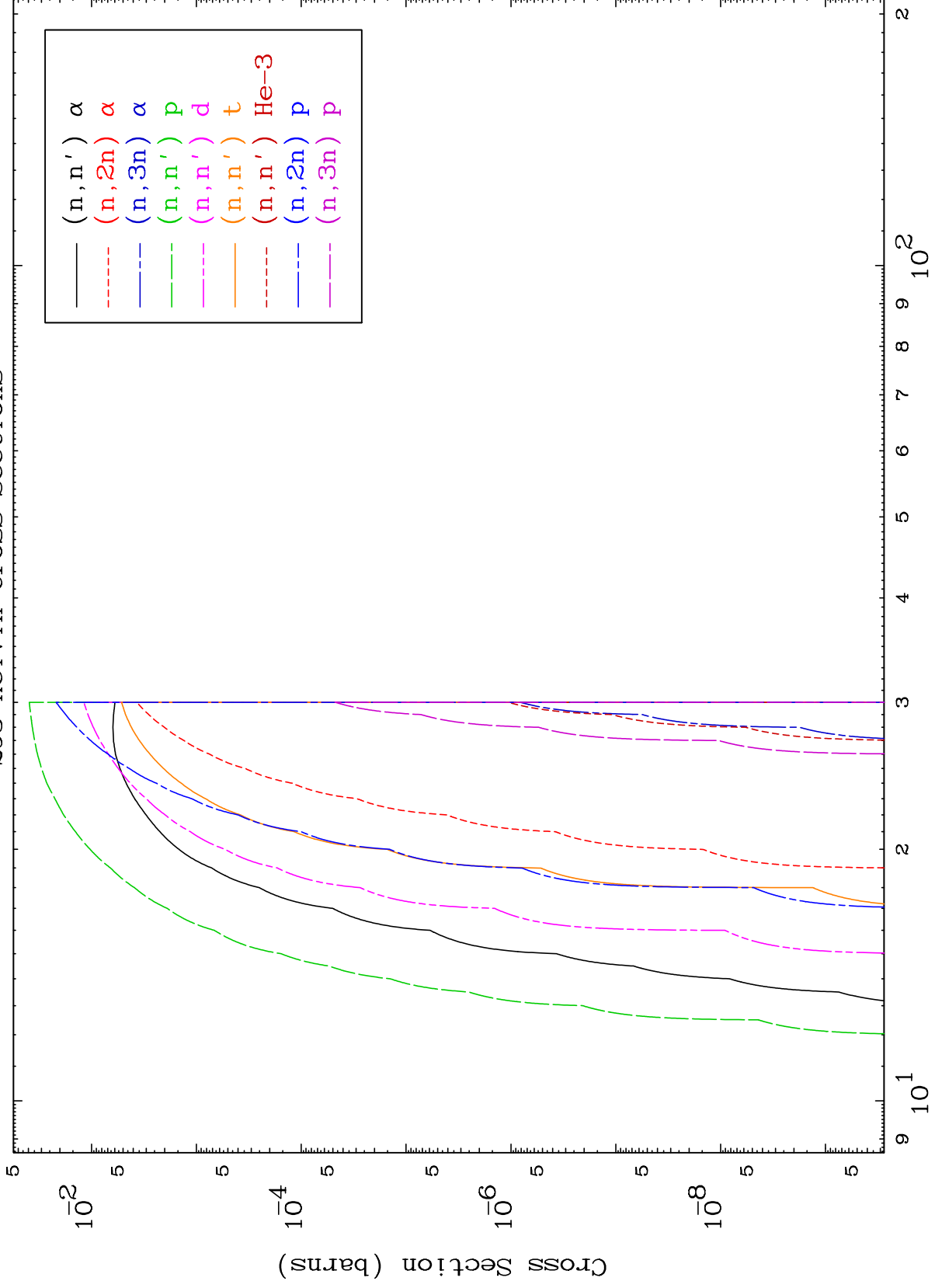




MAT 3146

Charged Particle
293 Kelvin Cross Sections

31-Ga-76



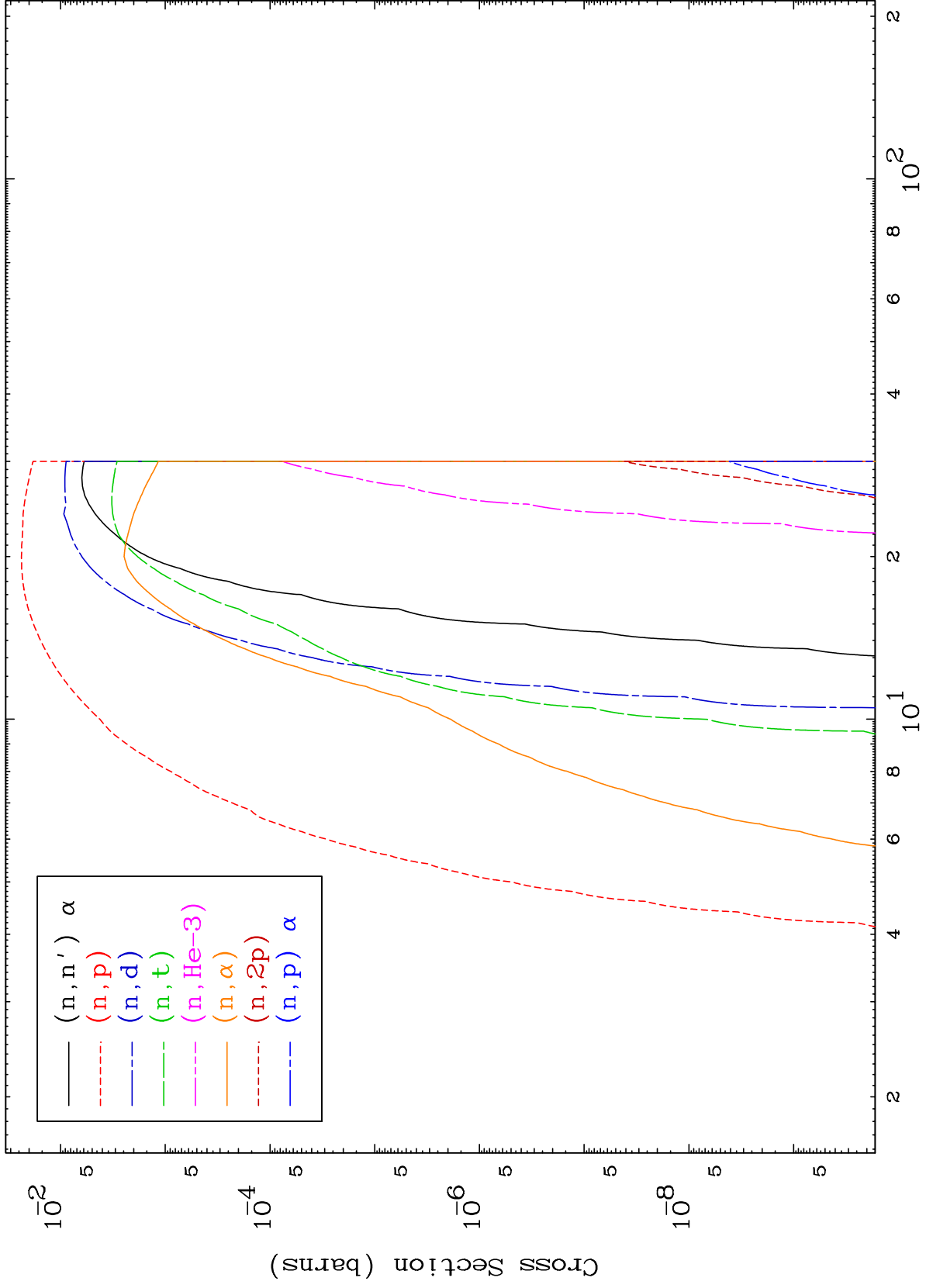
Incident Energy (MeV)

31-Ga-76

MAT 3146

Charged Particle
293 Kelvin Cross Sections

31-Ga-76



6

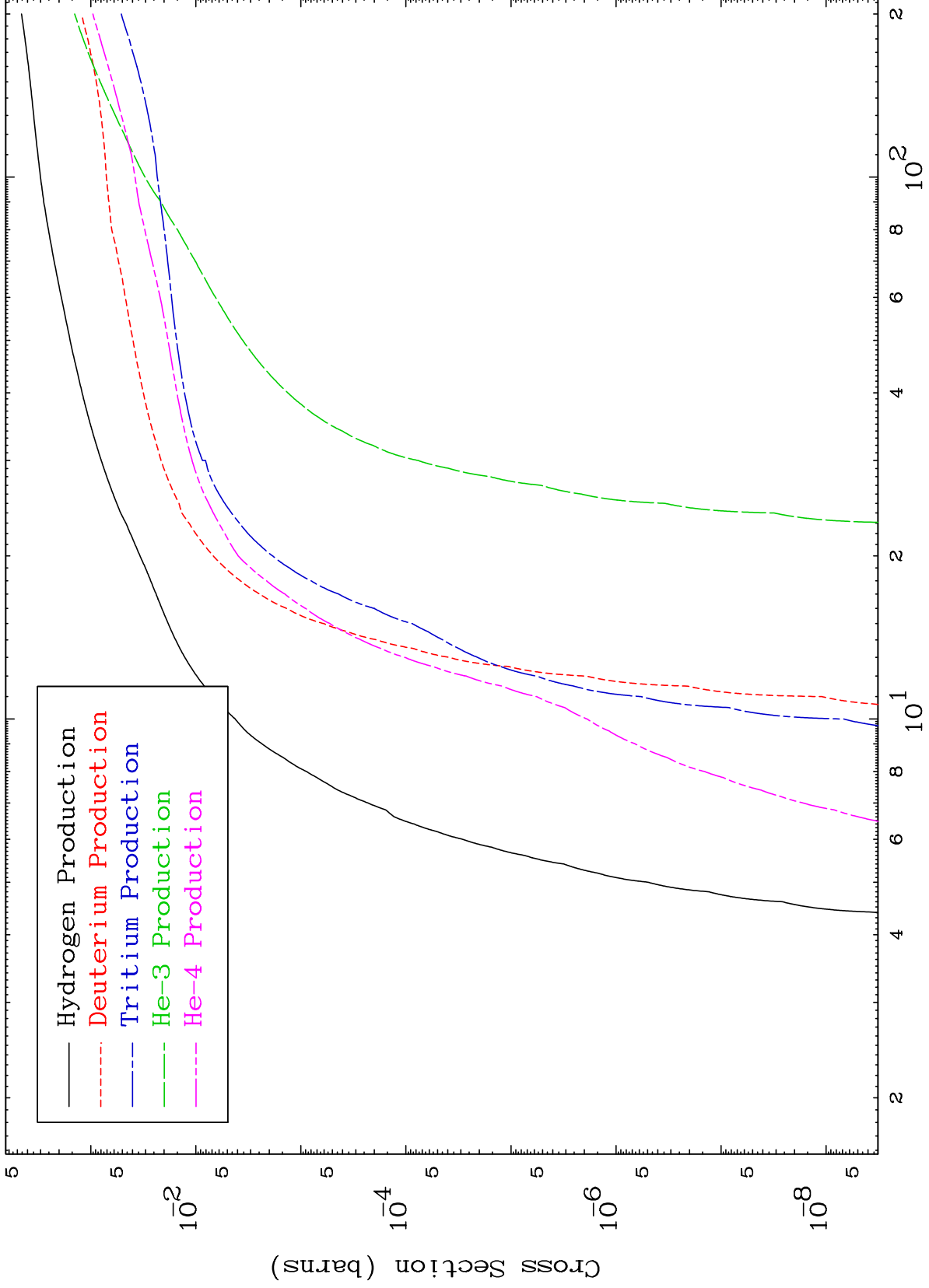
Incident Energy (MeV)

31-Ga-76

MAT 3146

Particle Production
293 Kelvin Cross Sections

31-Ga-76



7

Incident Energy (MeV)

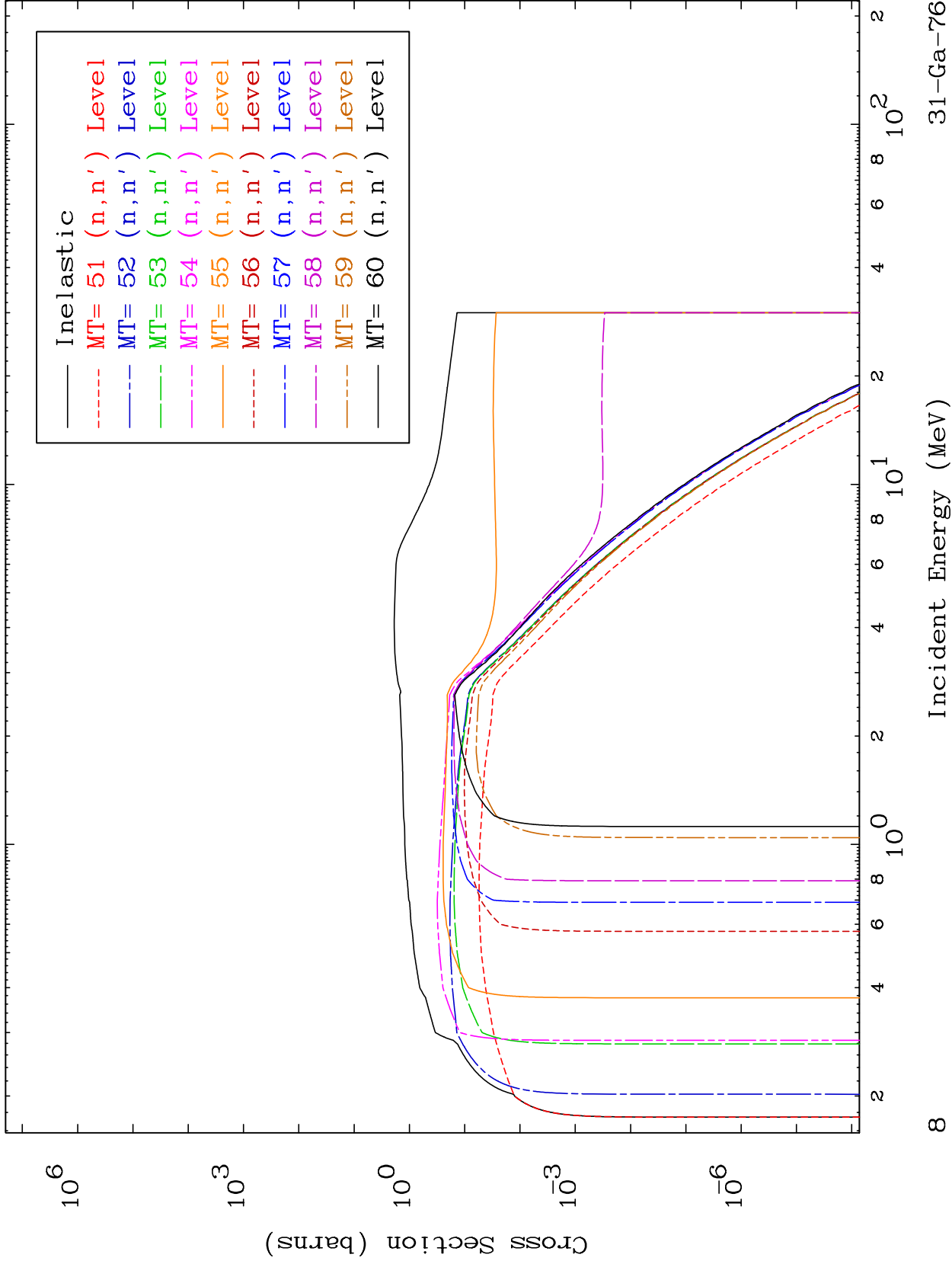
31-Ga-76

MAT 3146

(n,n') Levels

31-Ga-76

293 Kelvin Cross Sections



8

Incident Energy (MeV)

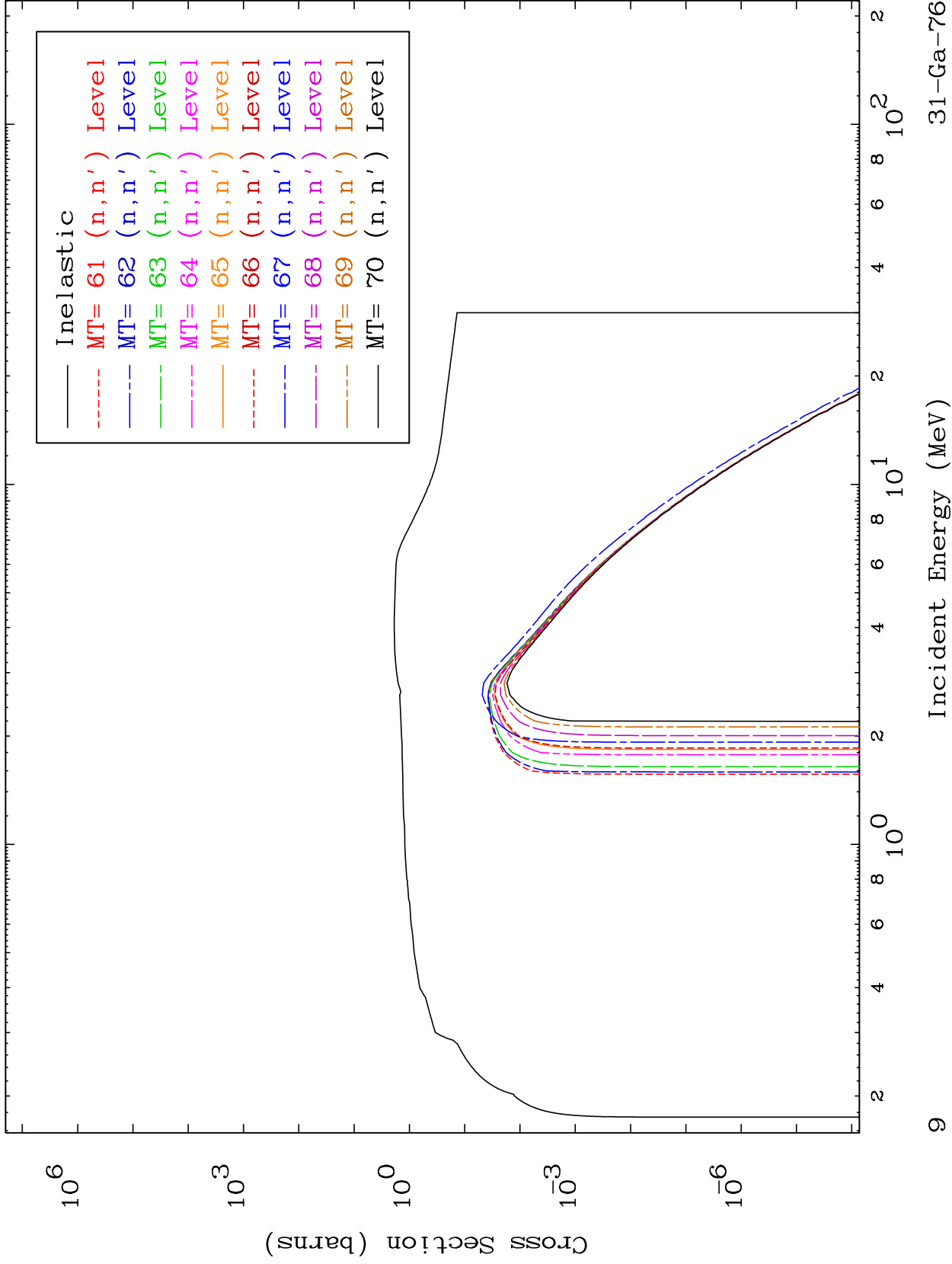
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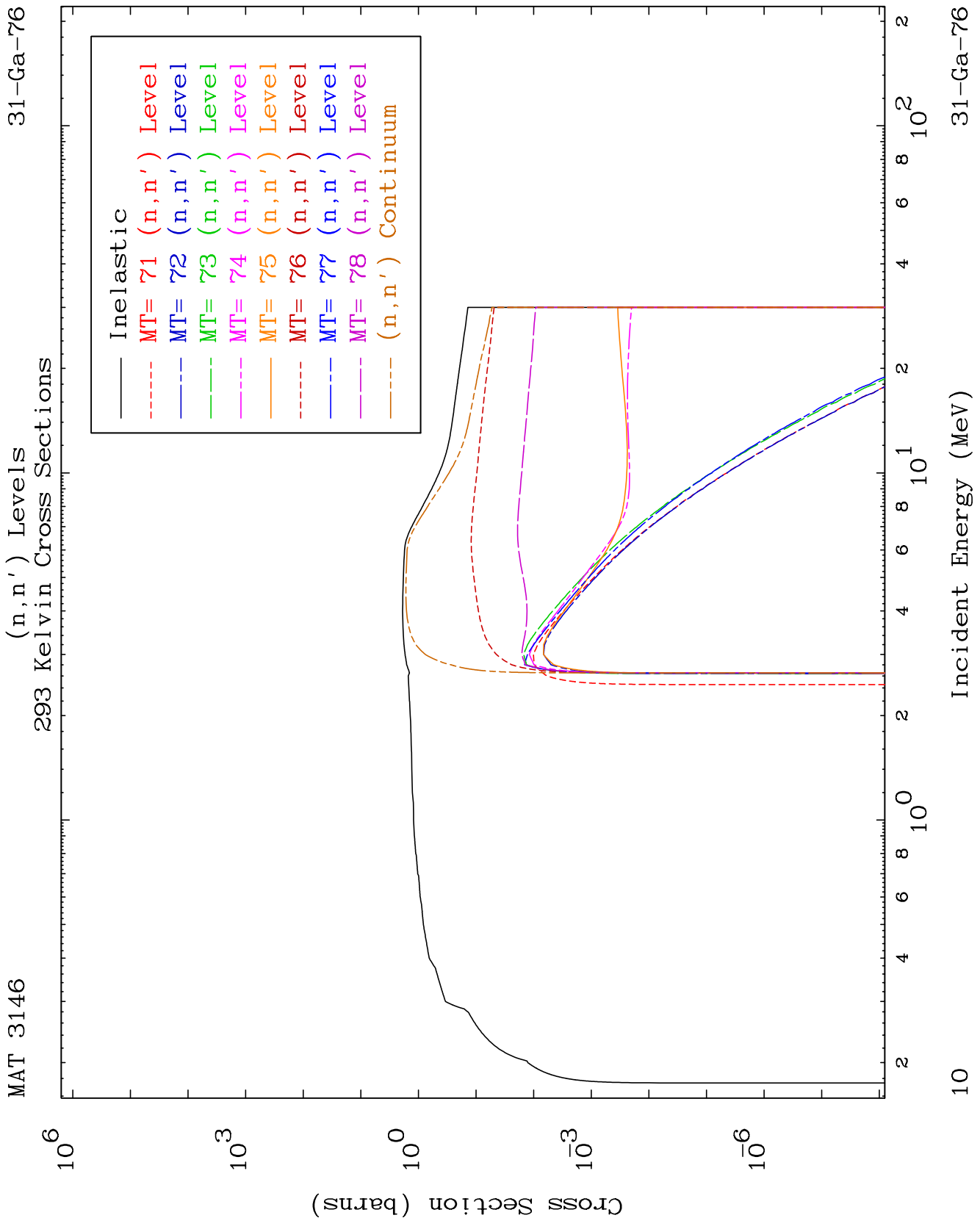
MAT 3146

(n,n') Levels

31-Ga-76

293 Kelvin Cross Sections

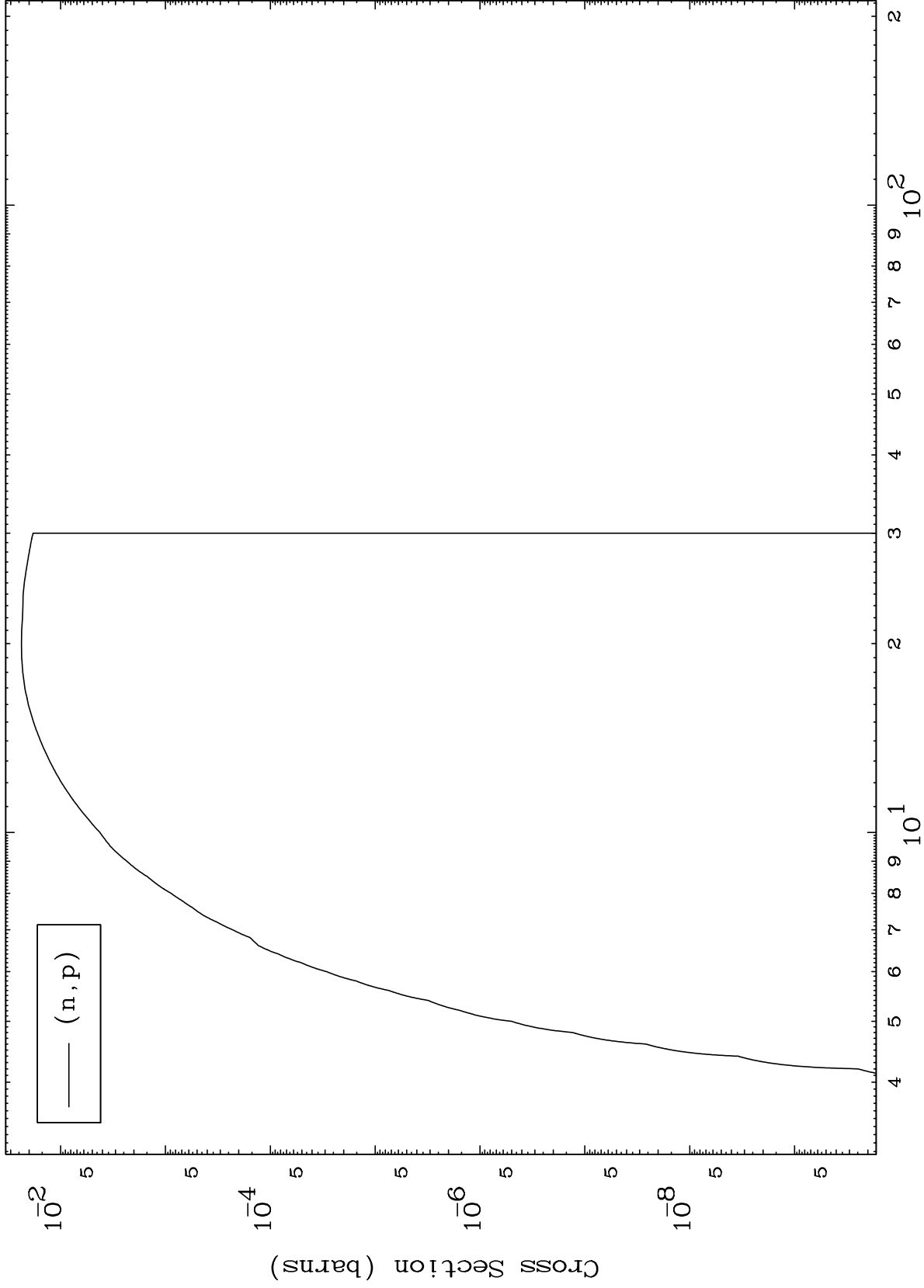




MAT 3146

(n,p) Levels
293 Kelvin Cross Sections

31-Ga-76



11

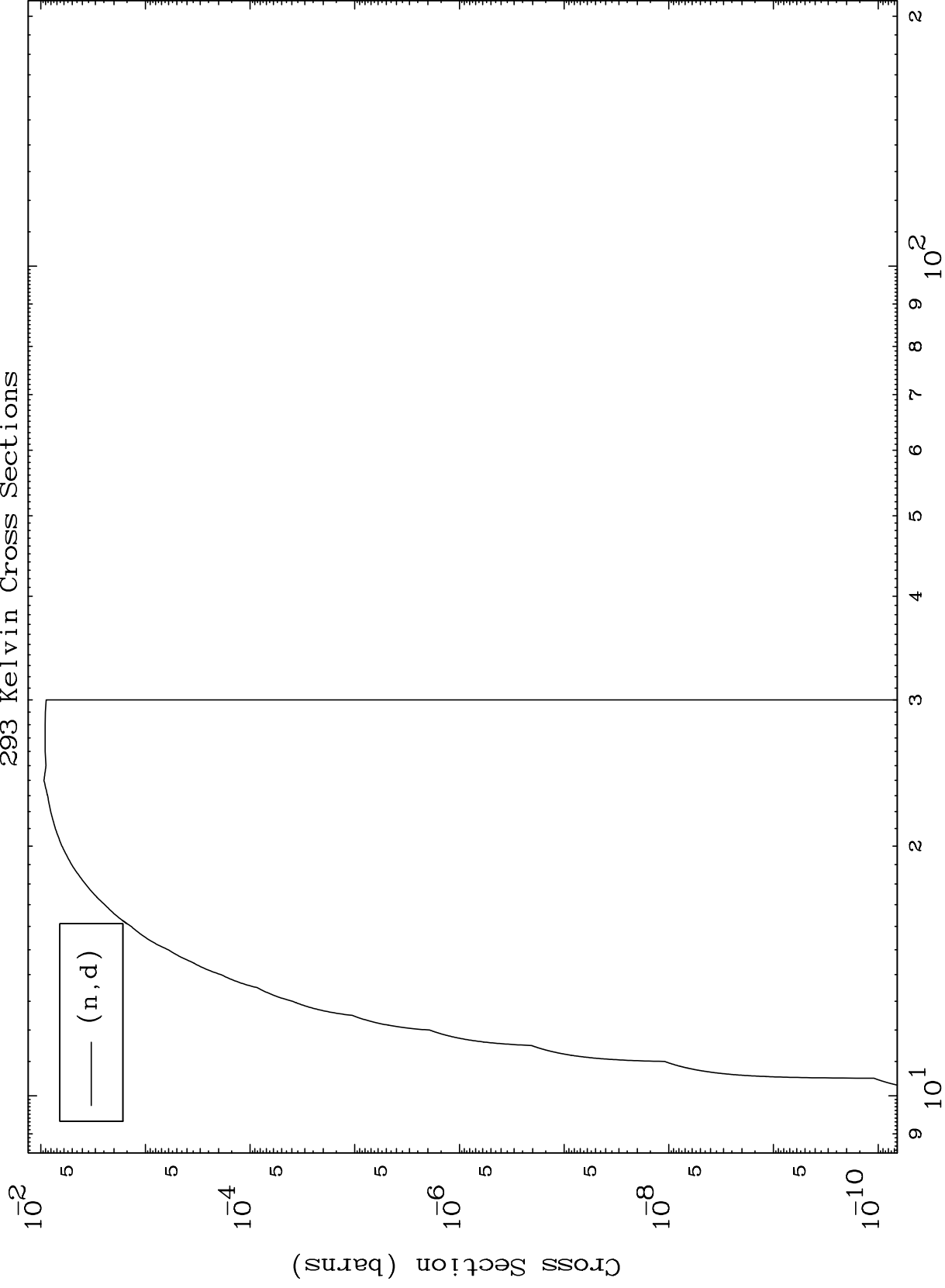
Incident Energy (MeV)

31-Ga-76

MAT 3146

(n,d) Levels
293 Kelvin Cross Sections

31-Ga-76



12

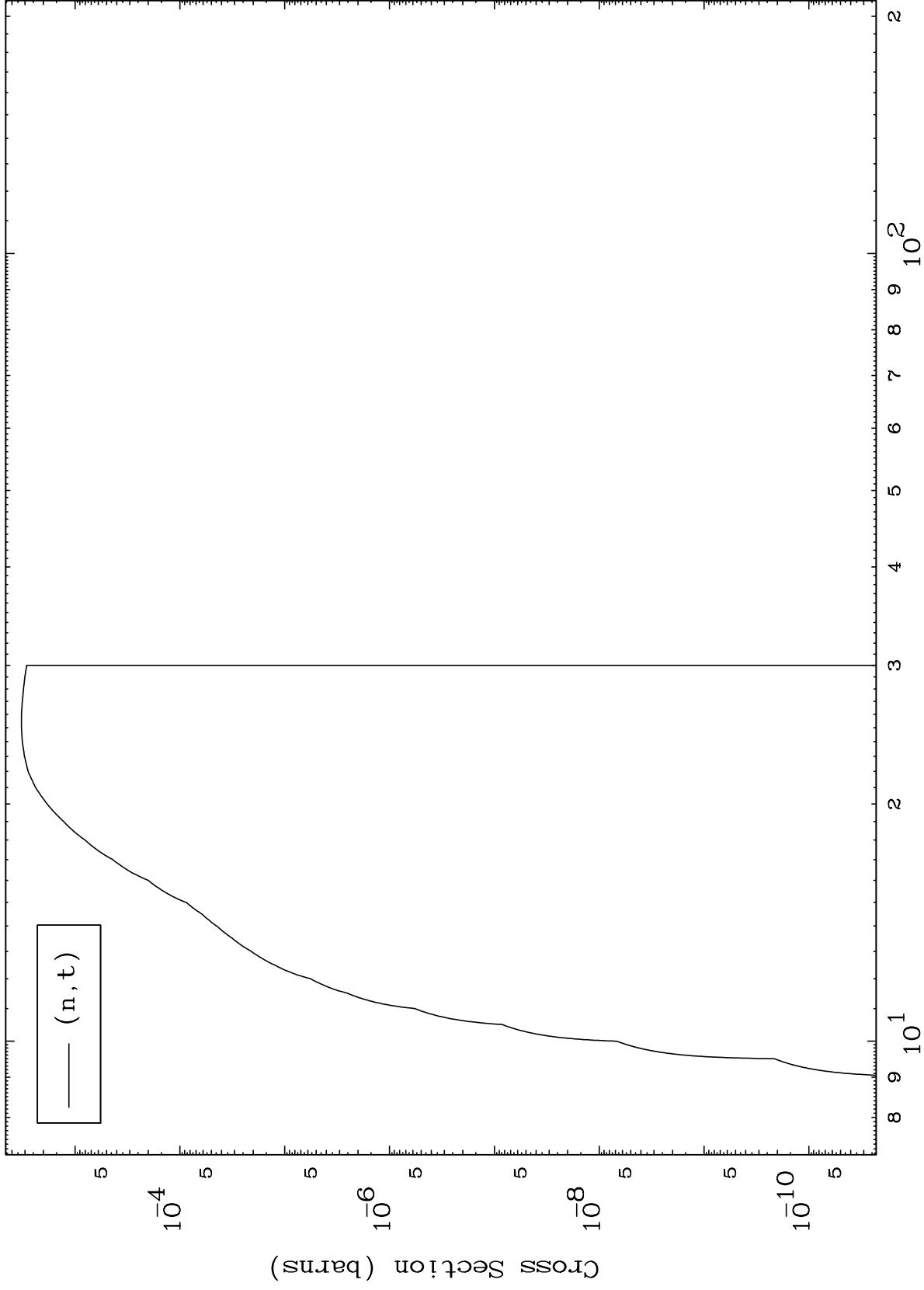
Incident Energy (MeV)

31-Ga-76

MAT 3146

(n,t) Levels
293 Kelvin Cross Sections

31-Ga-76



13

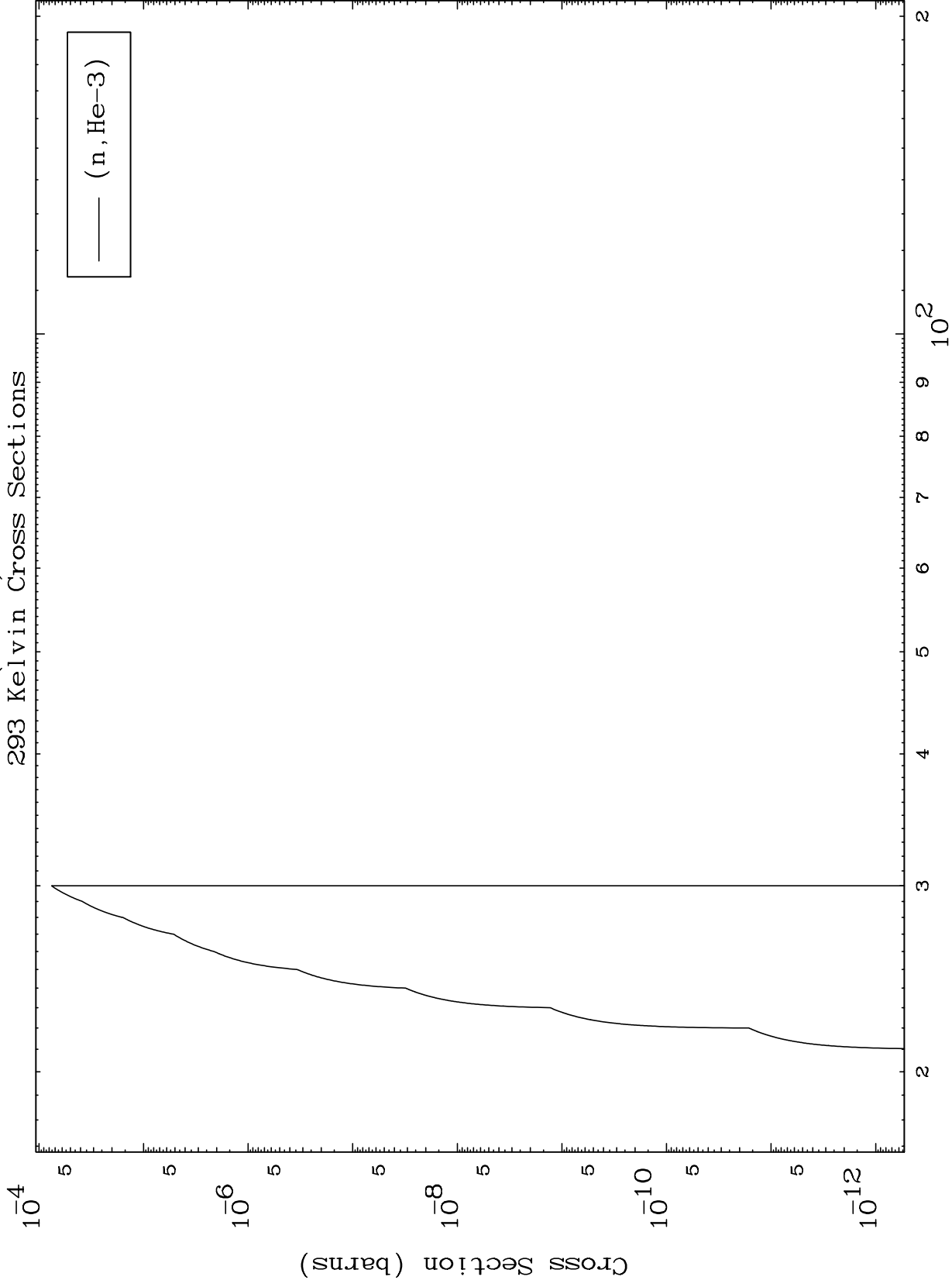
Incident Energy (MeV)

31-Ga-76

MAT 3146

(n,He3) Levels
293 Kelvin Cross Sections

31-Ga-76



14

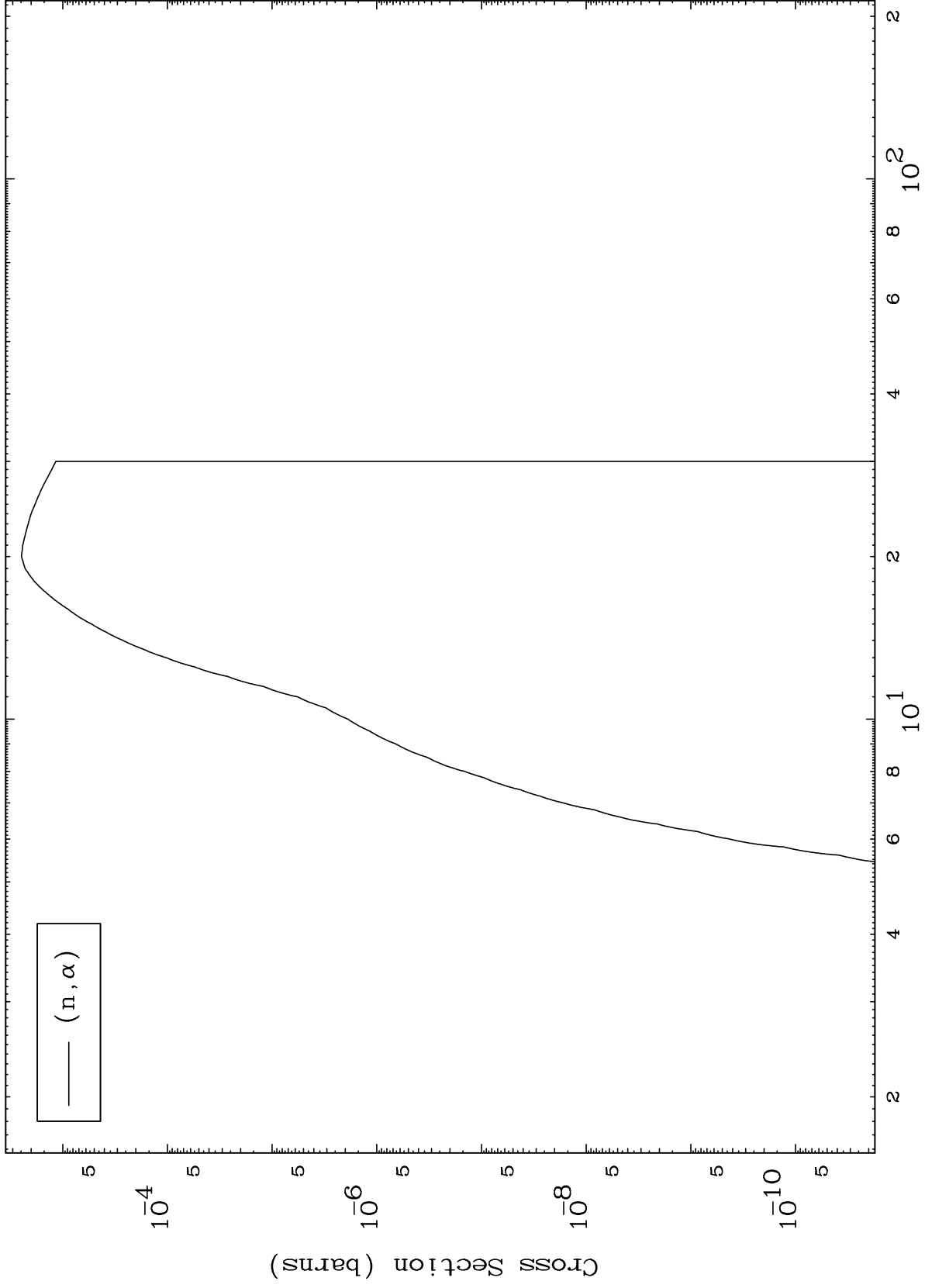
Incident Energy (MeV)

31-Ga-76

MAT 3146

(n, α) Levels
293 Kelvin Cross Sections

31-Ga-76



(n, α)

15

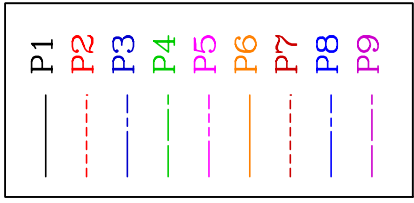
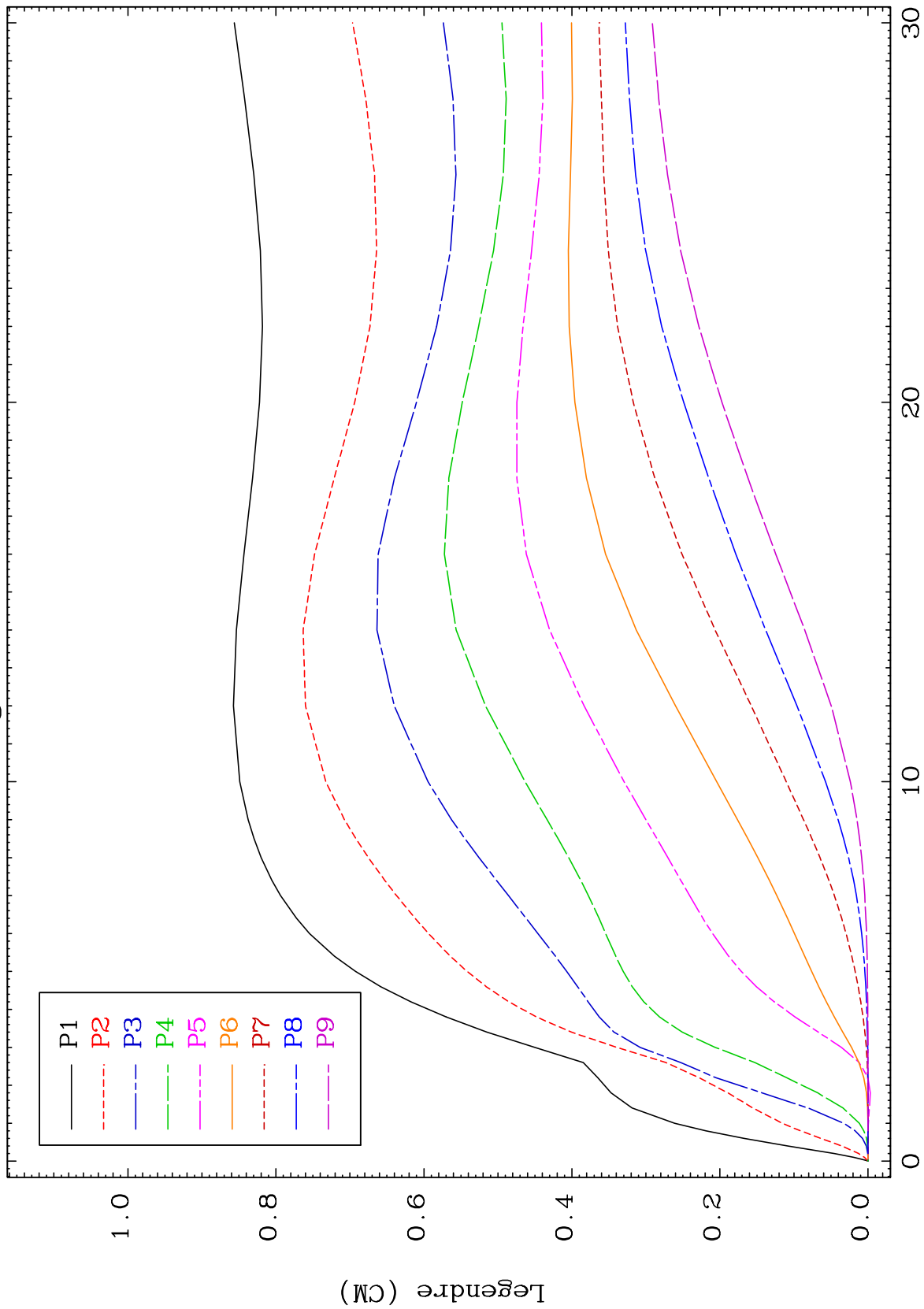
Incident Energy (MeV)

31-Ga-76

MAT 3146

Elastic Legendre Coefficients

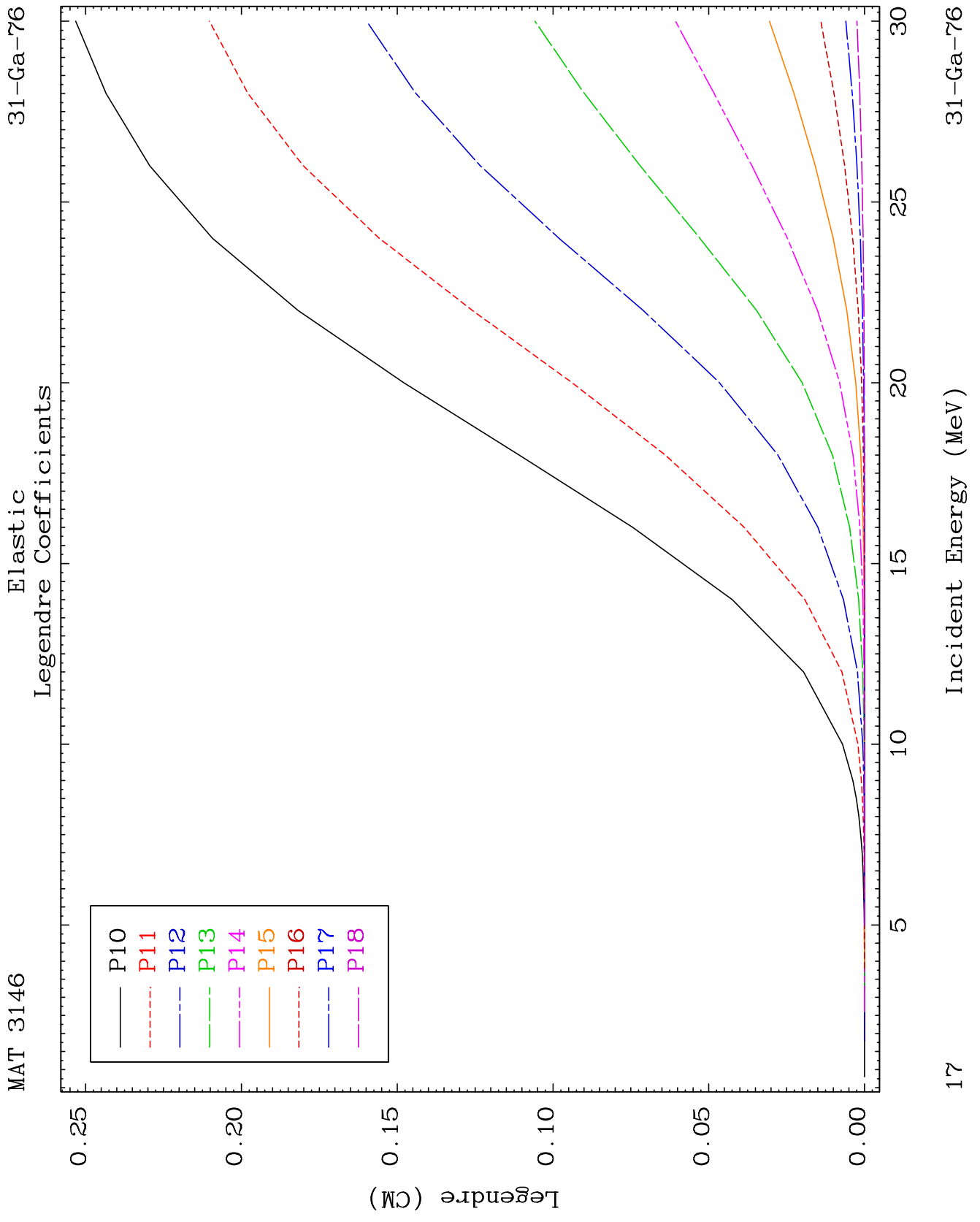
³¹Ga-76



16

Incident Energy (MeV)

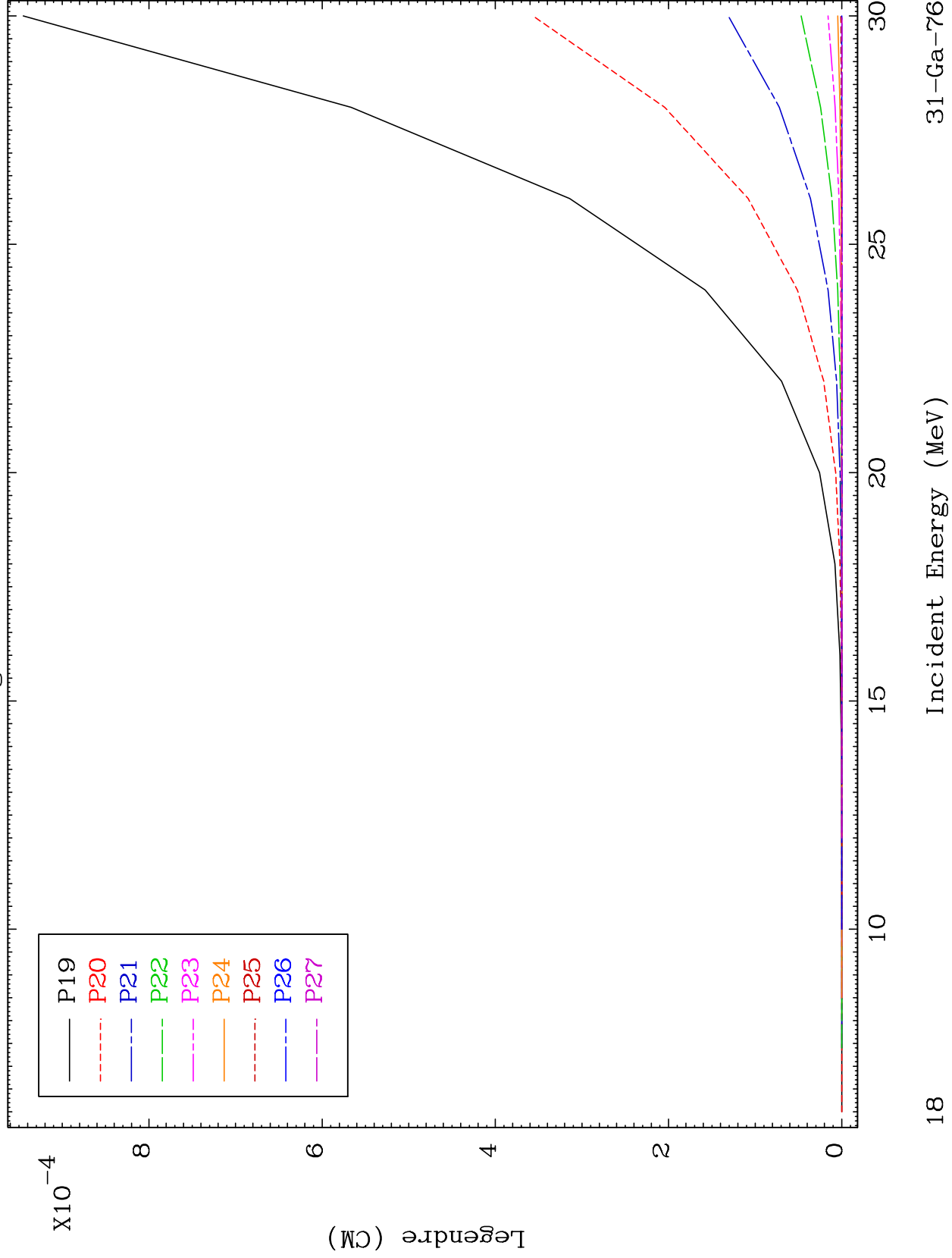
³¹Ga-76



MAT 3146

Elastic Legendre Coefficients

31-Ga-76



18

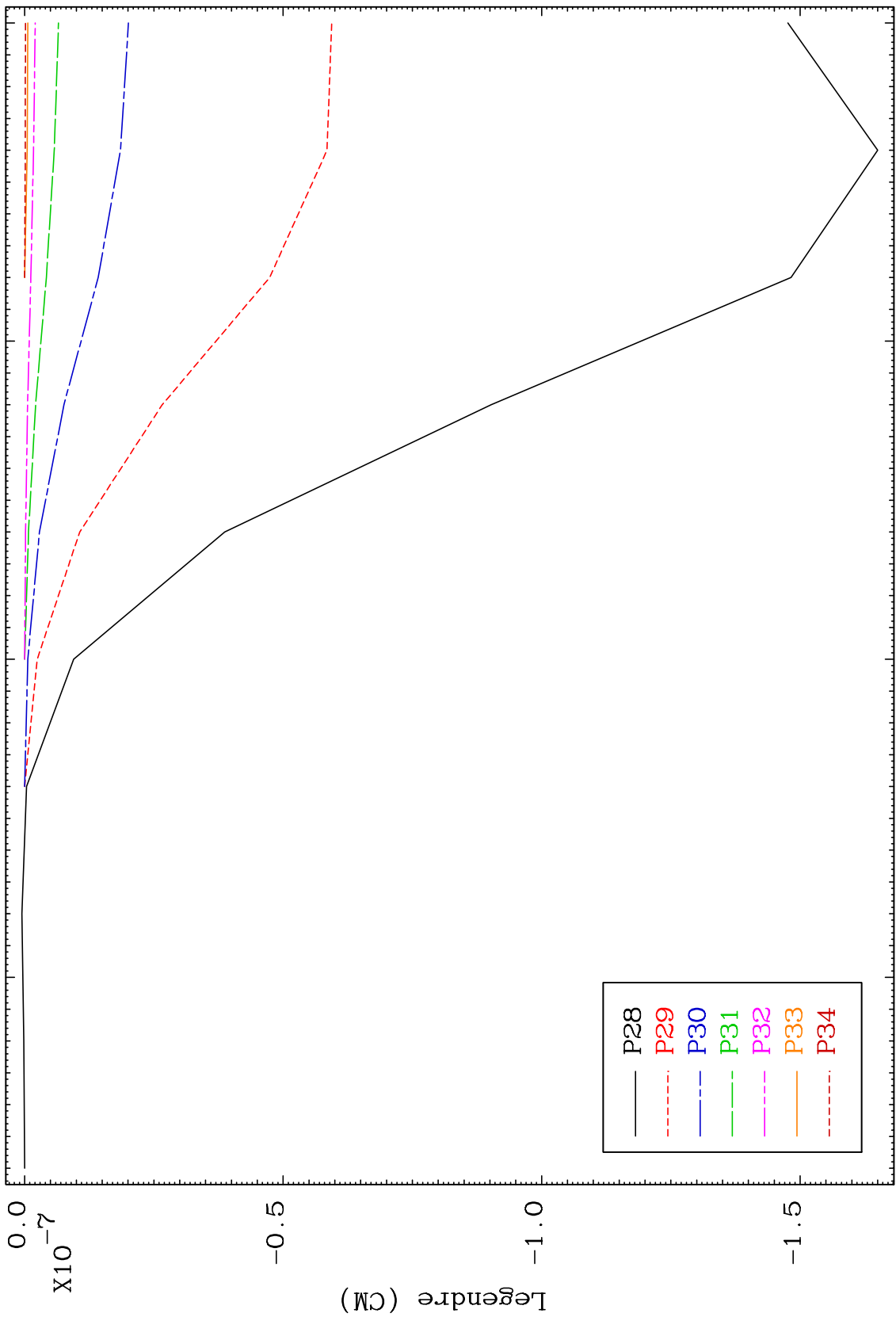
Incident Energy (MeV)

31-Ga-76

MAT 3146

31-Ga-76

Elastic Legendre Coefficients

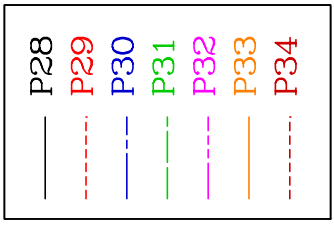


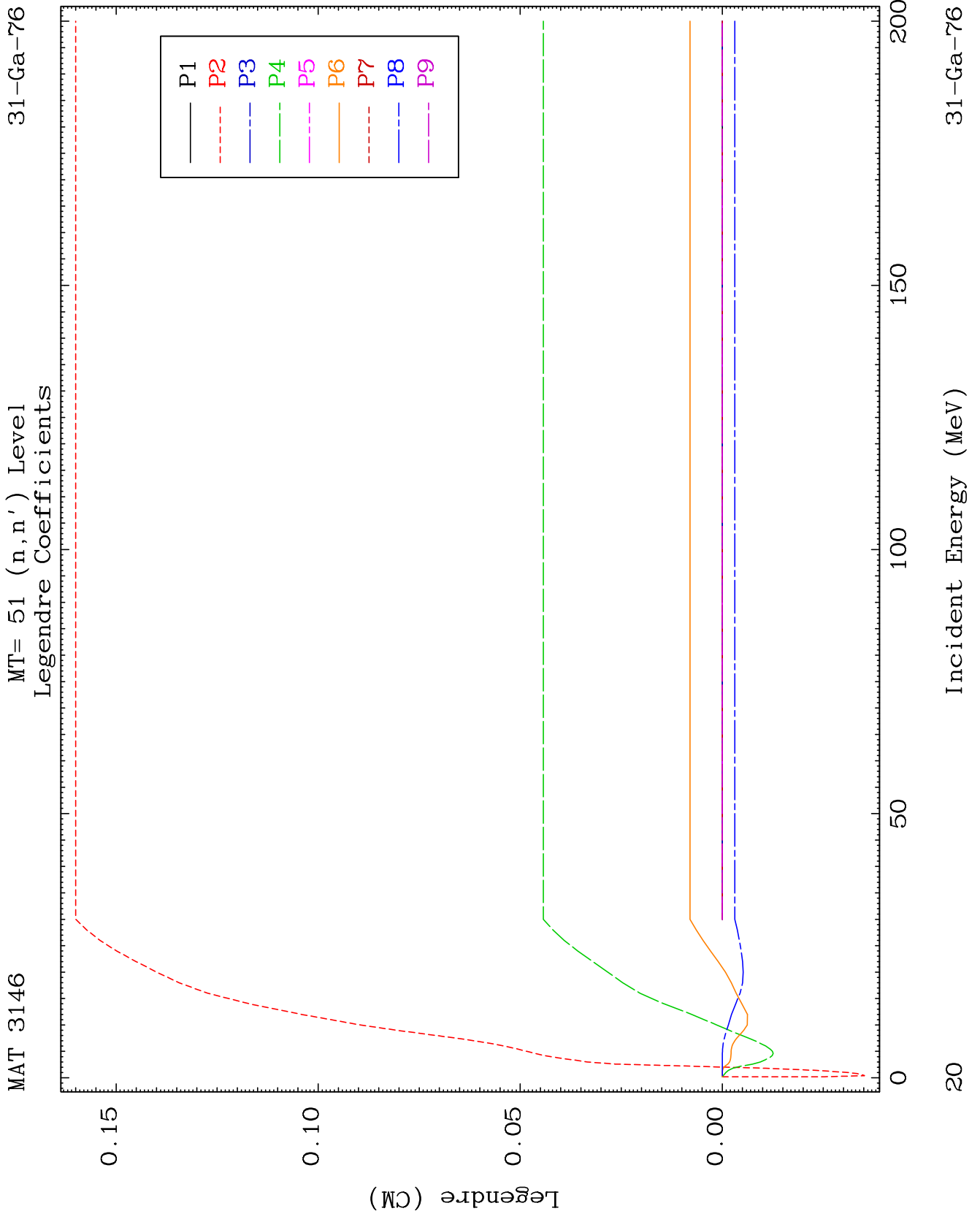
Legendre (CM)
X10⁻⁷

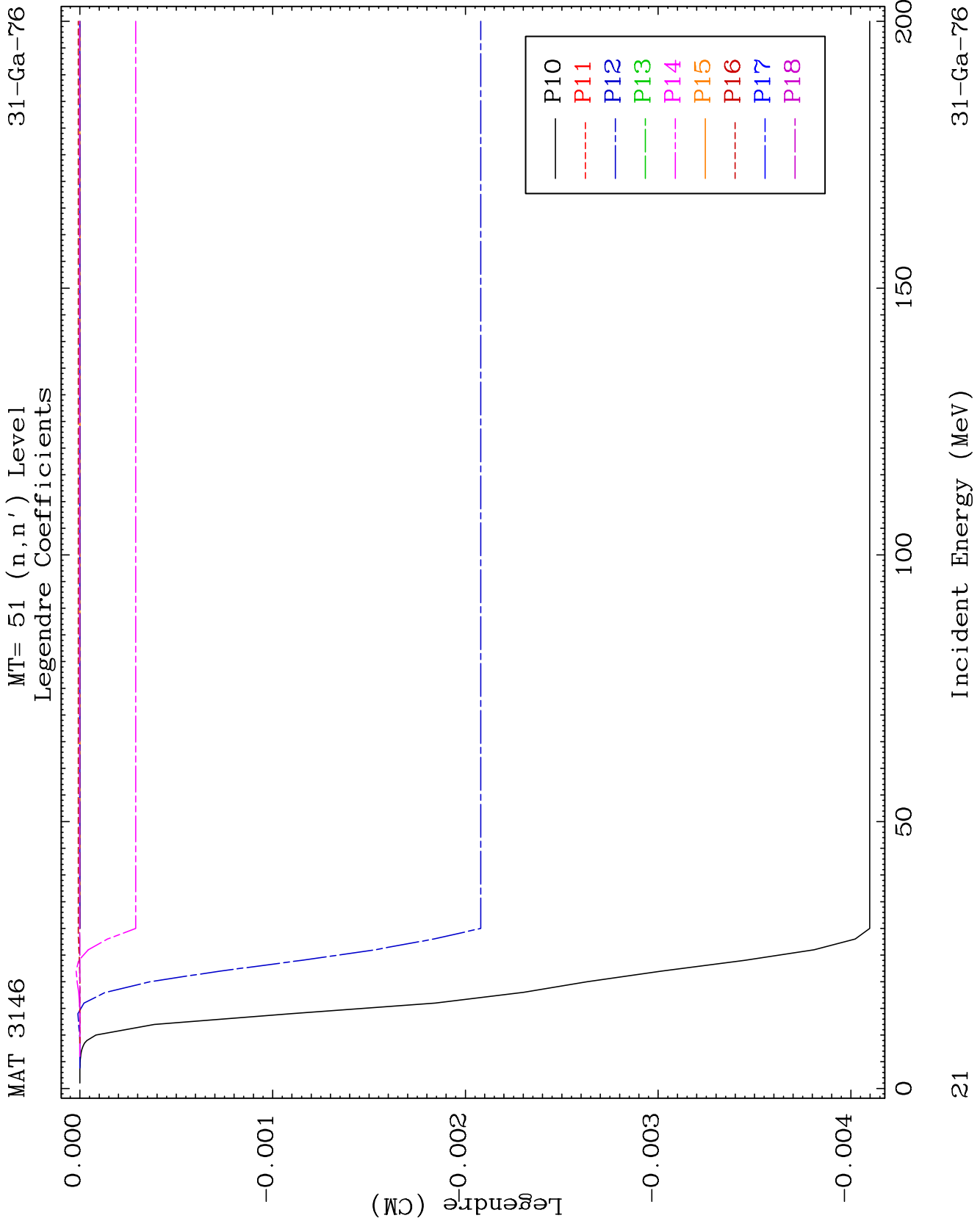
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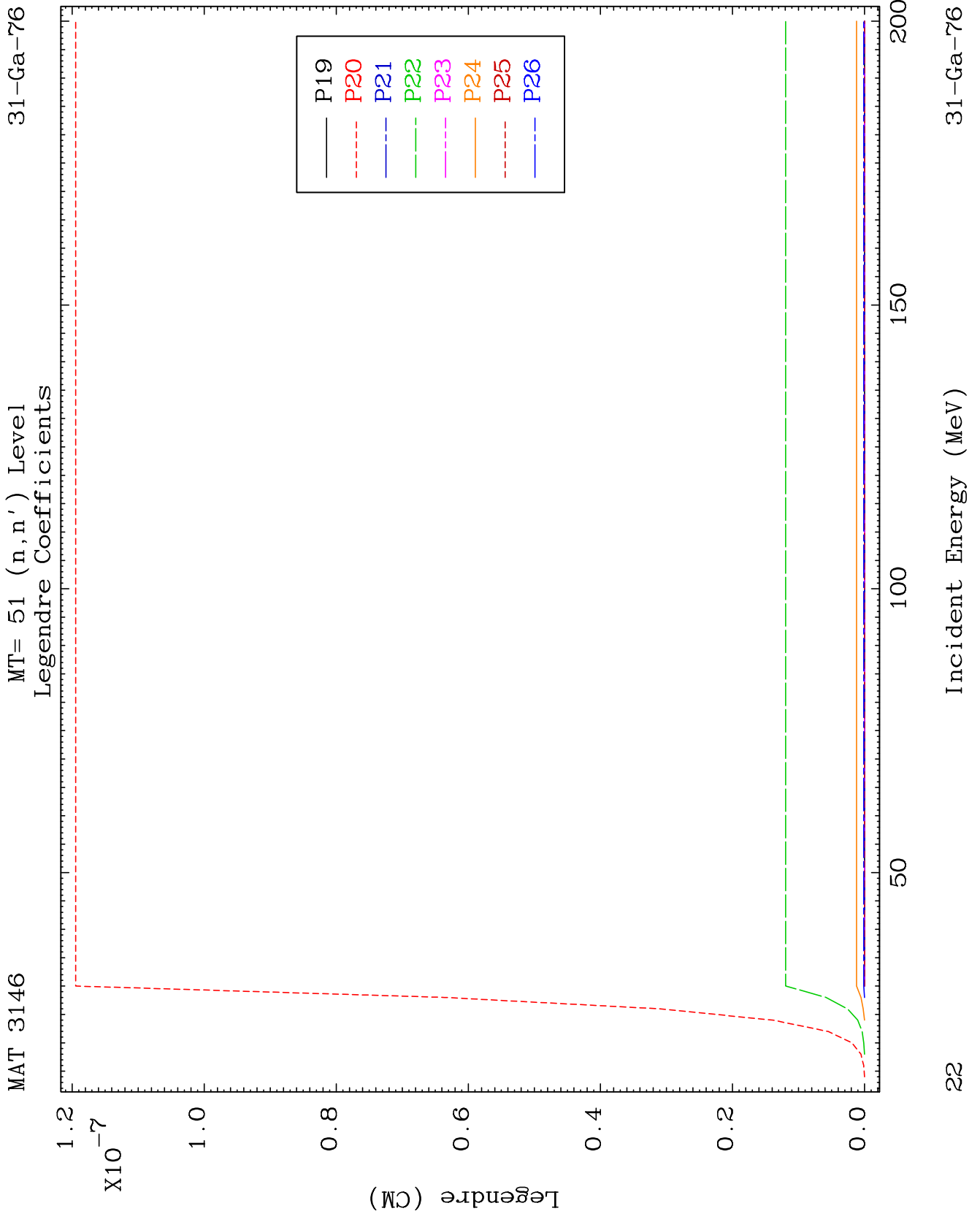
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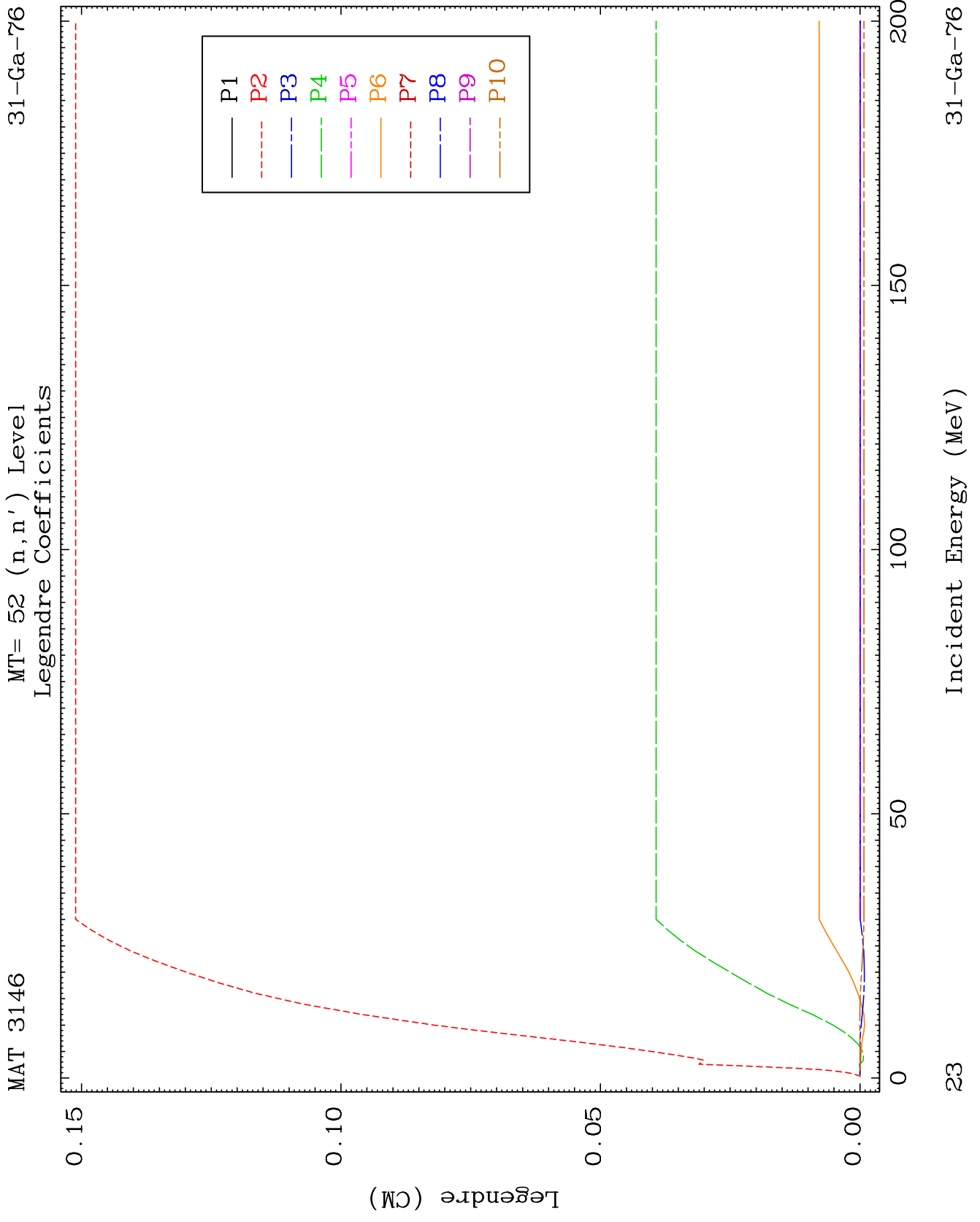
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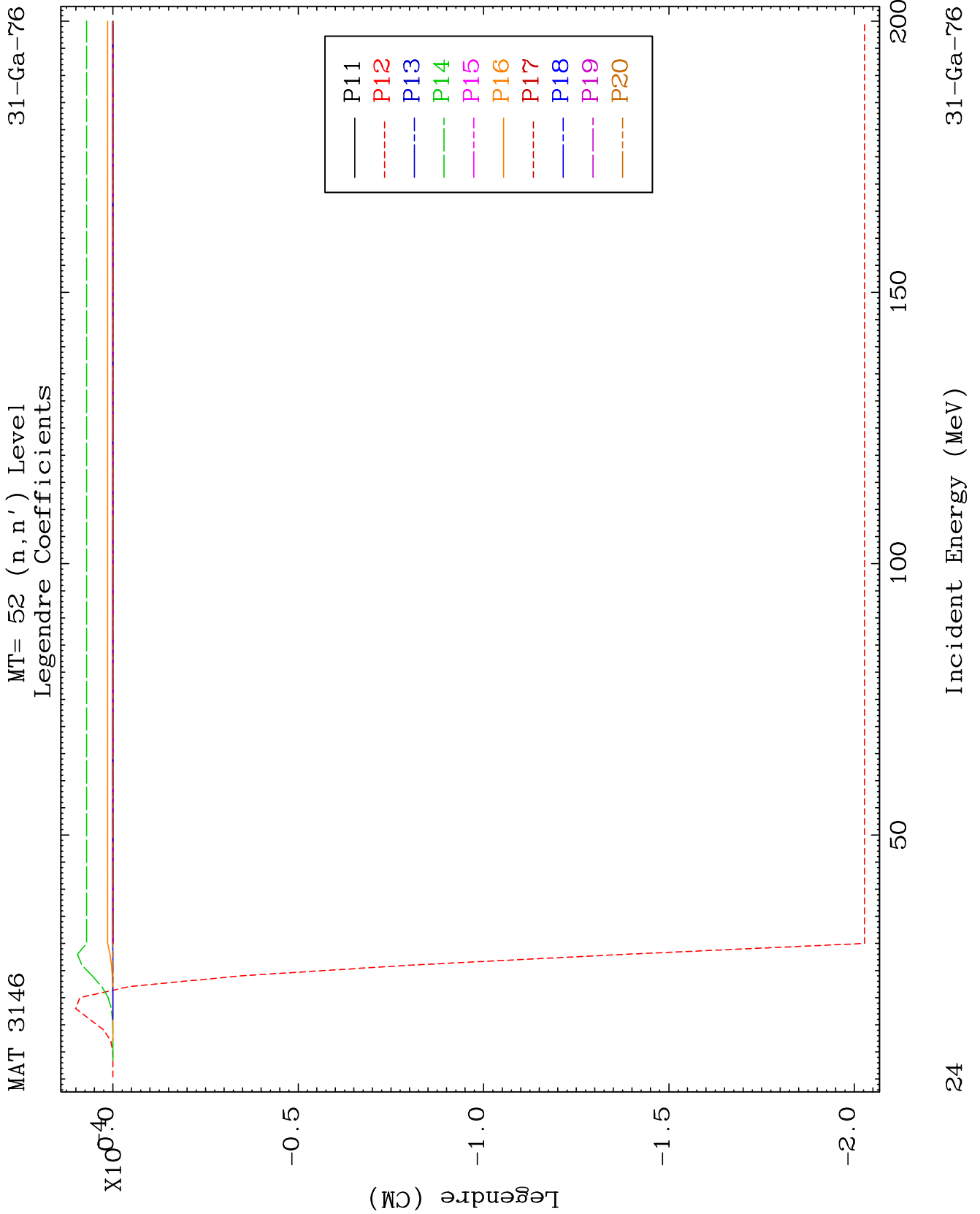








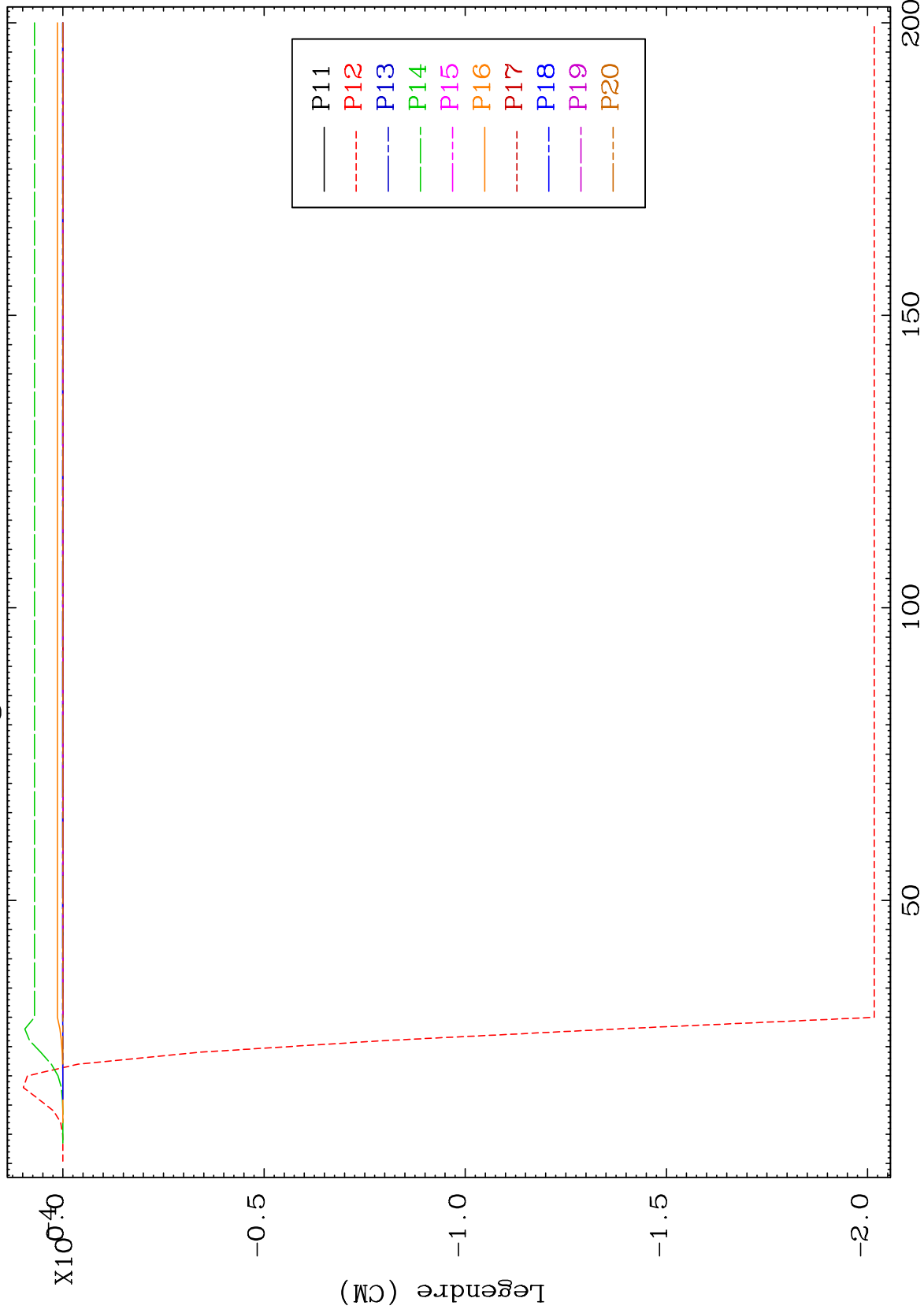




MAT 3146

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

31-Ga-76



26

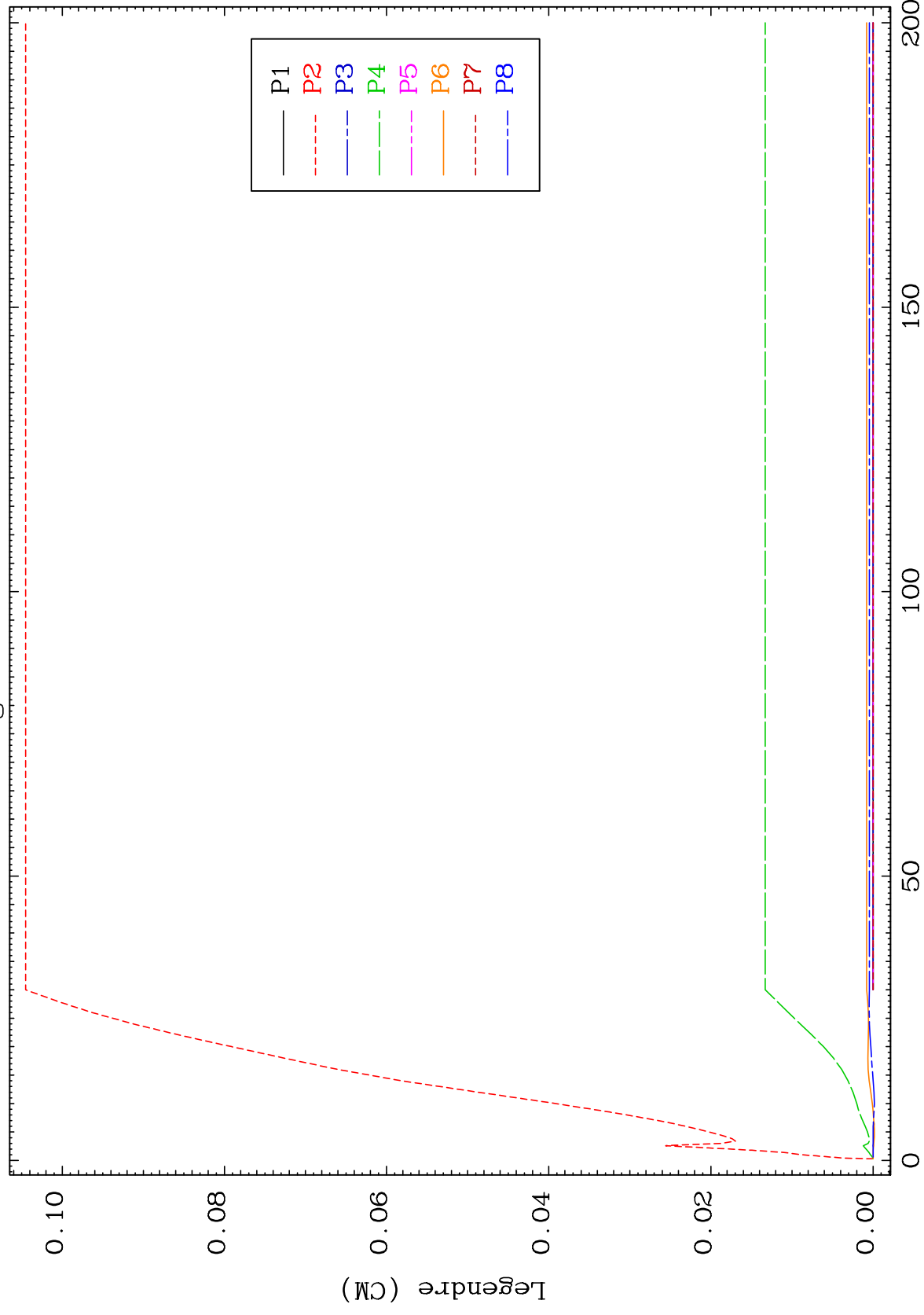
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

31-Ga-76



27

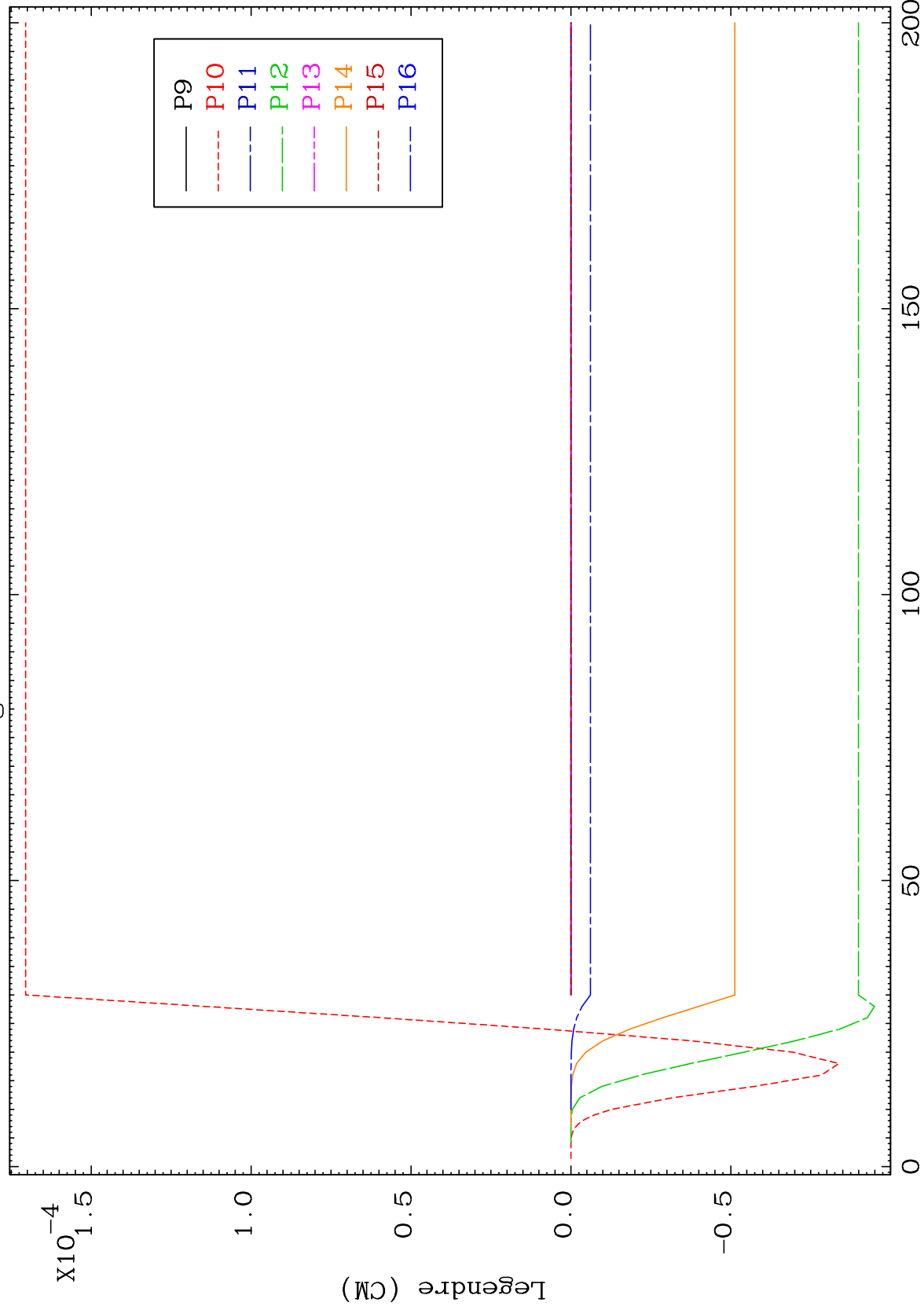
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

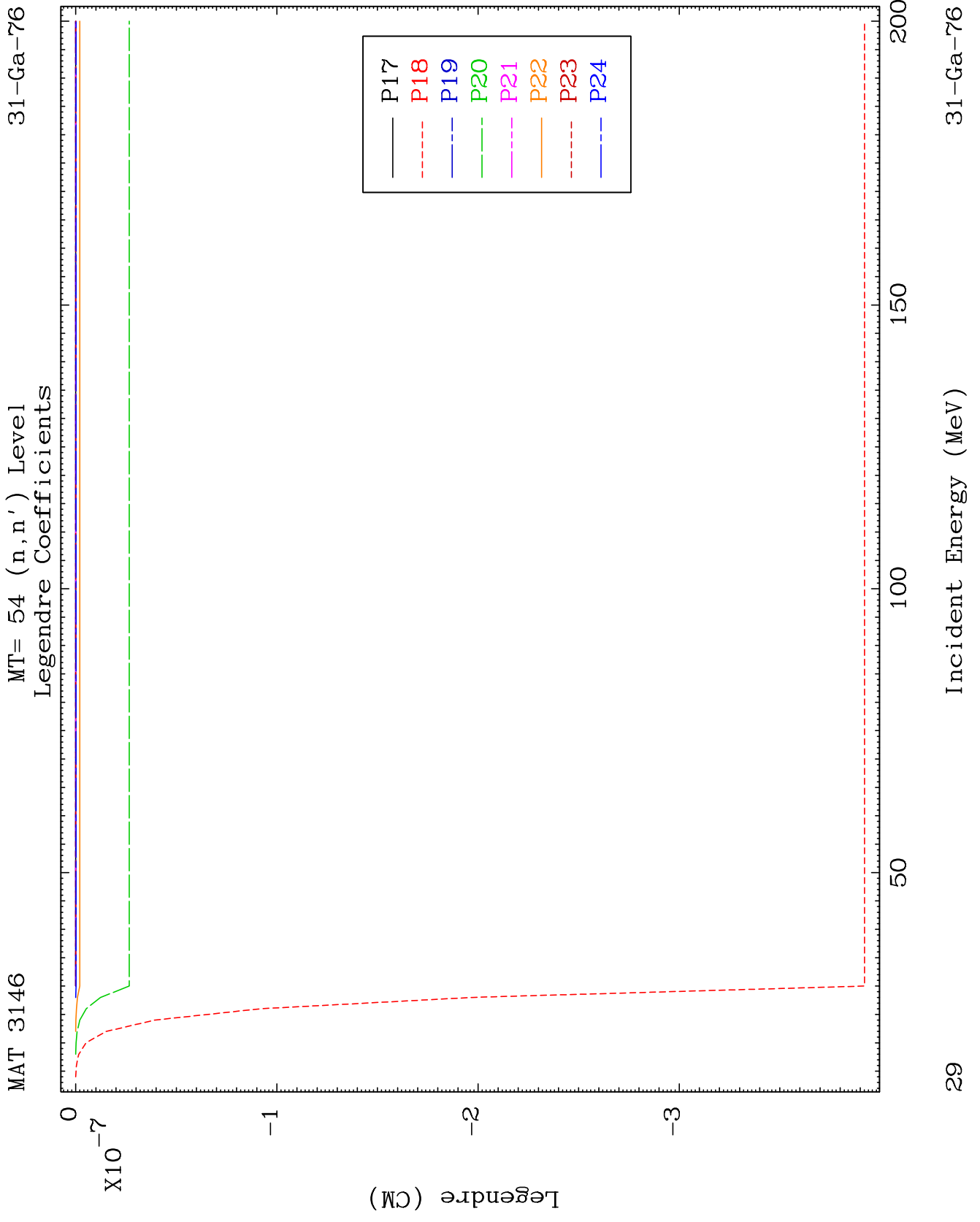
31-Ga-76



28

Incident Energy (MeV)

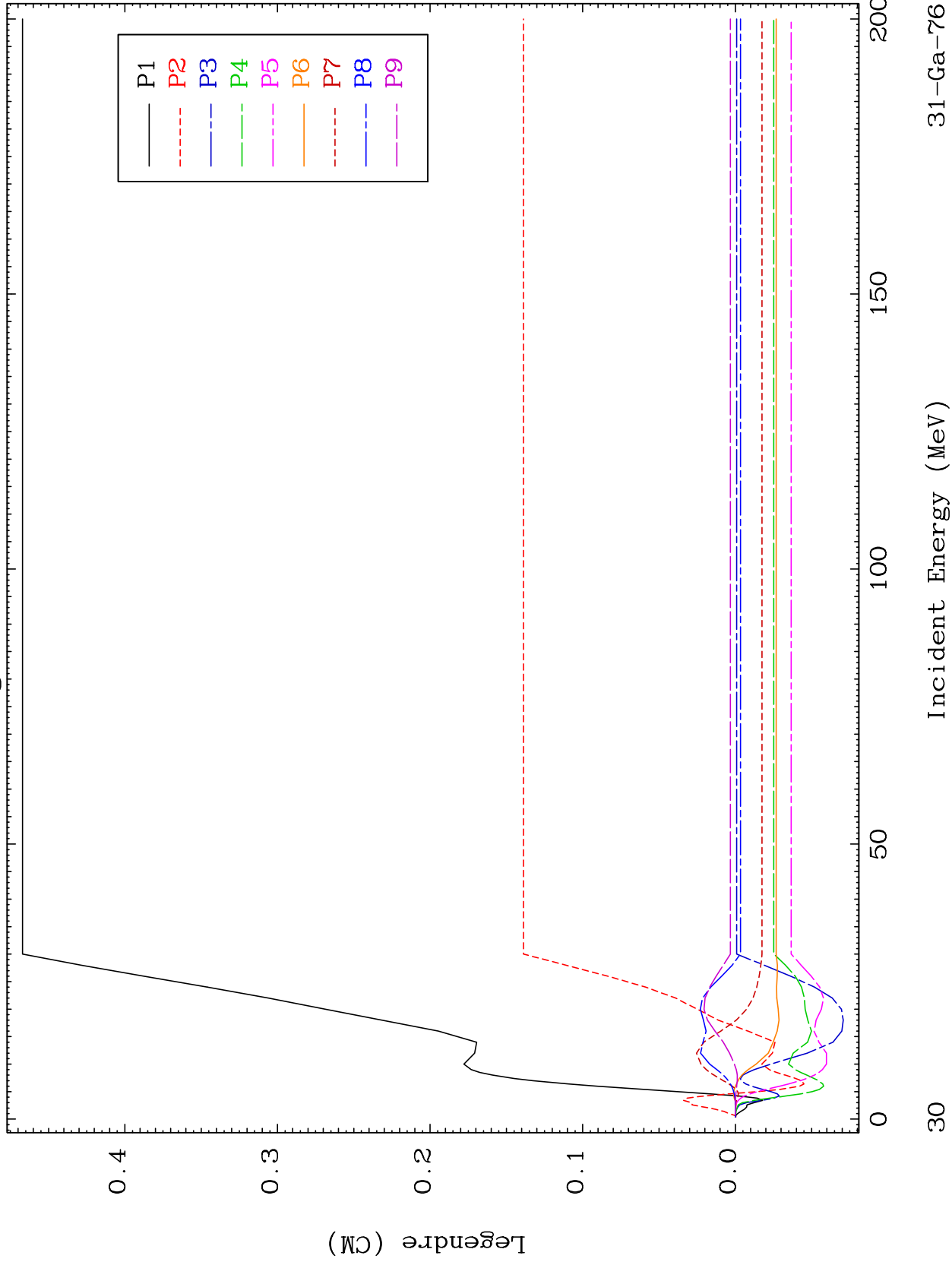
31-Ga-76



MAT 3146

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

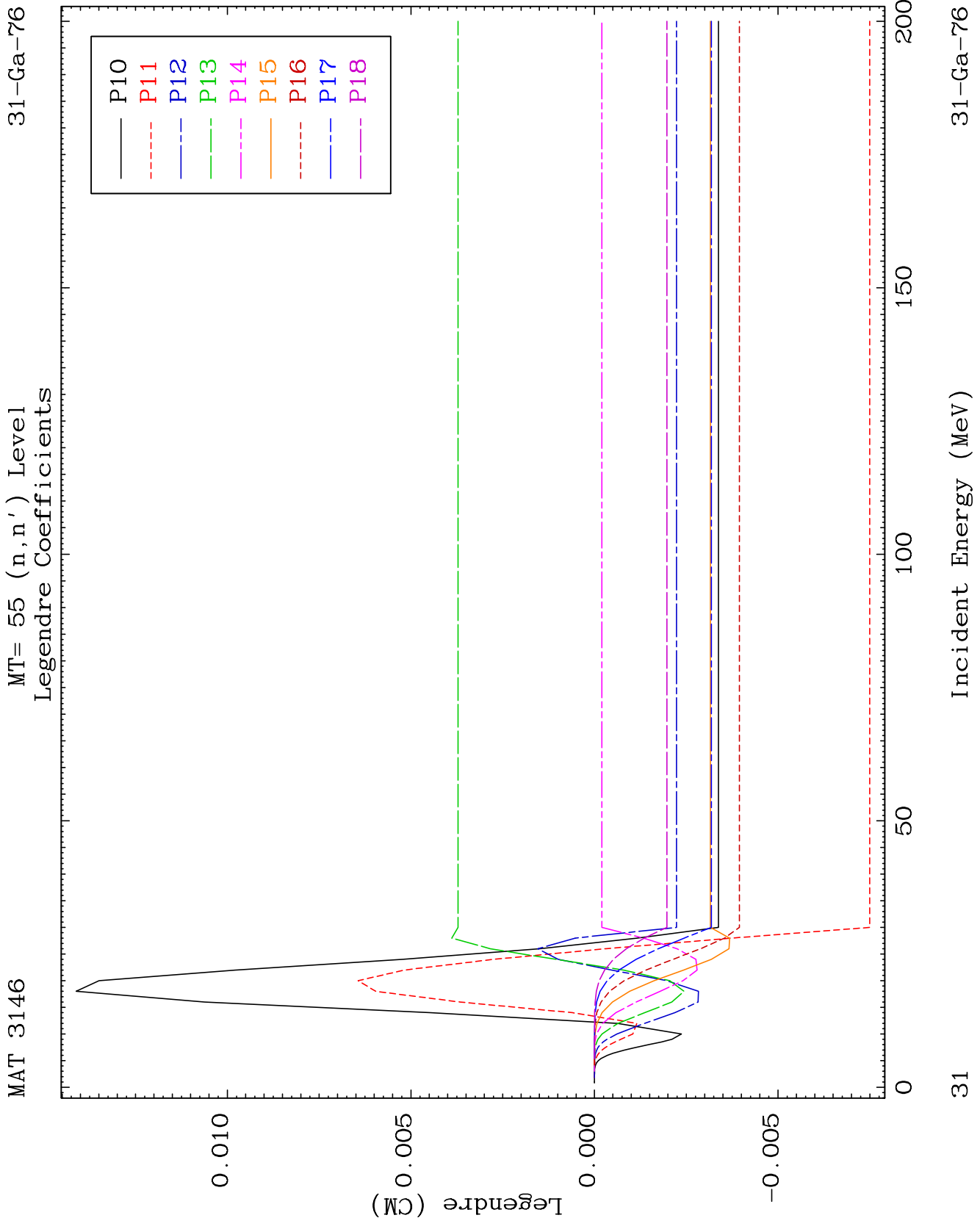
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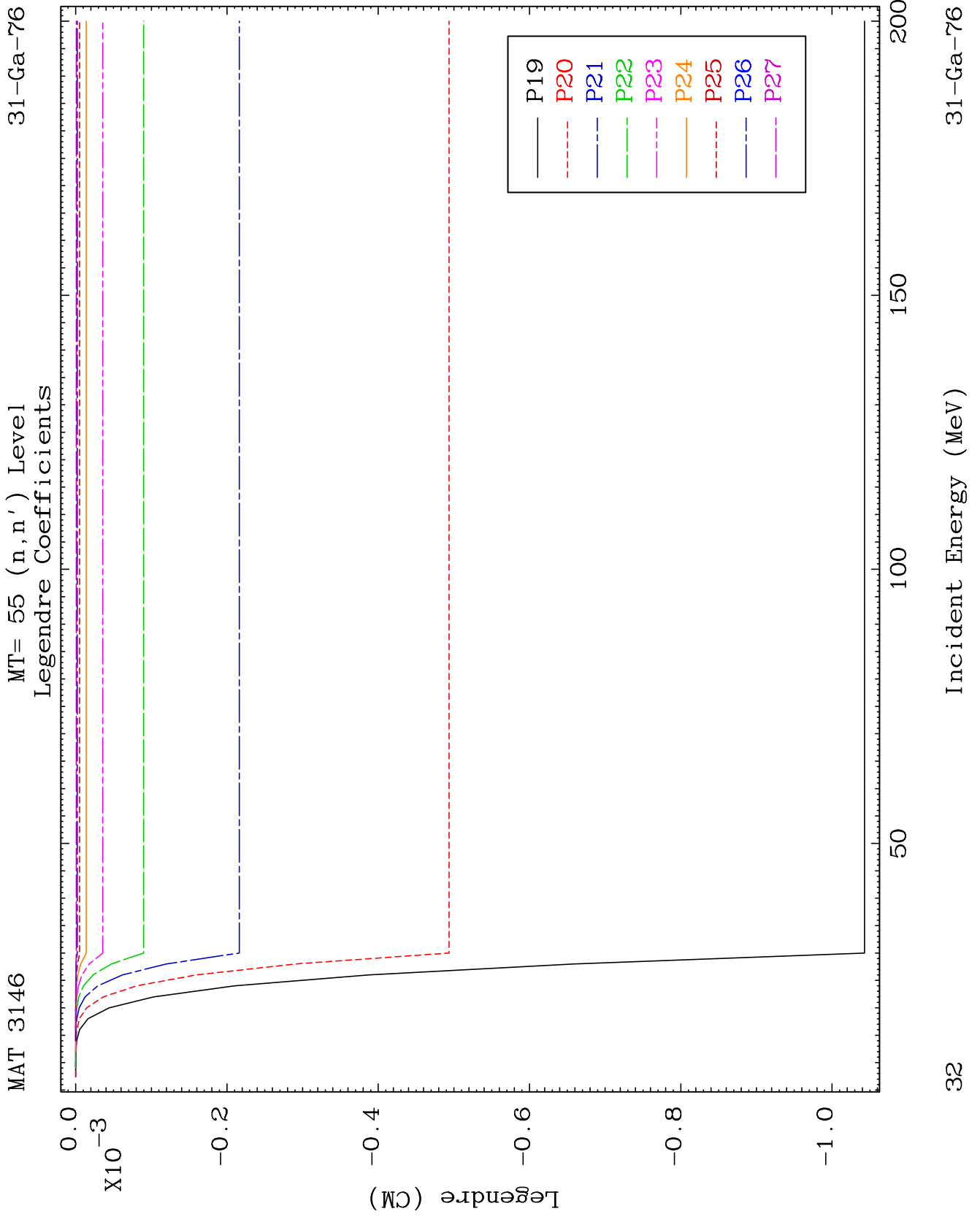


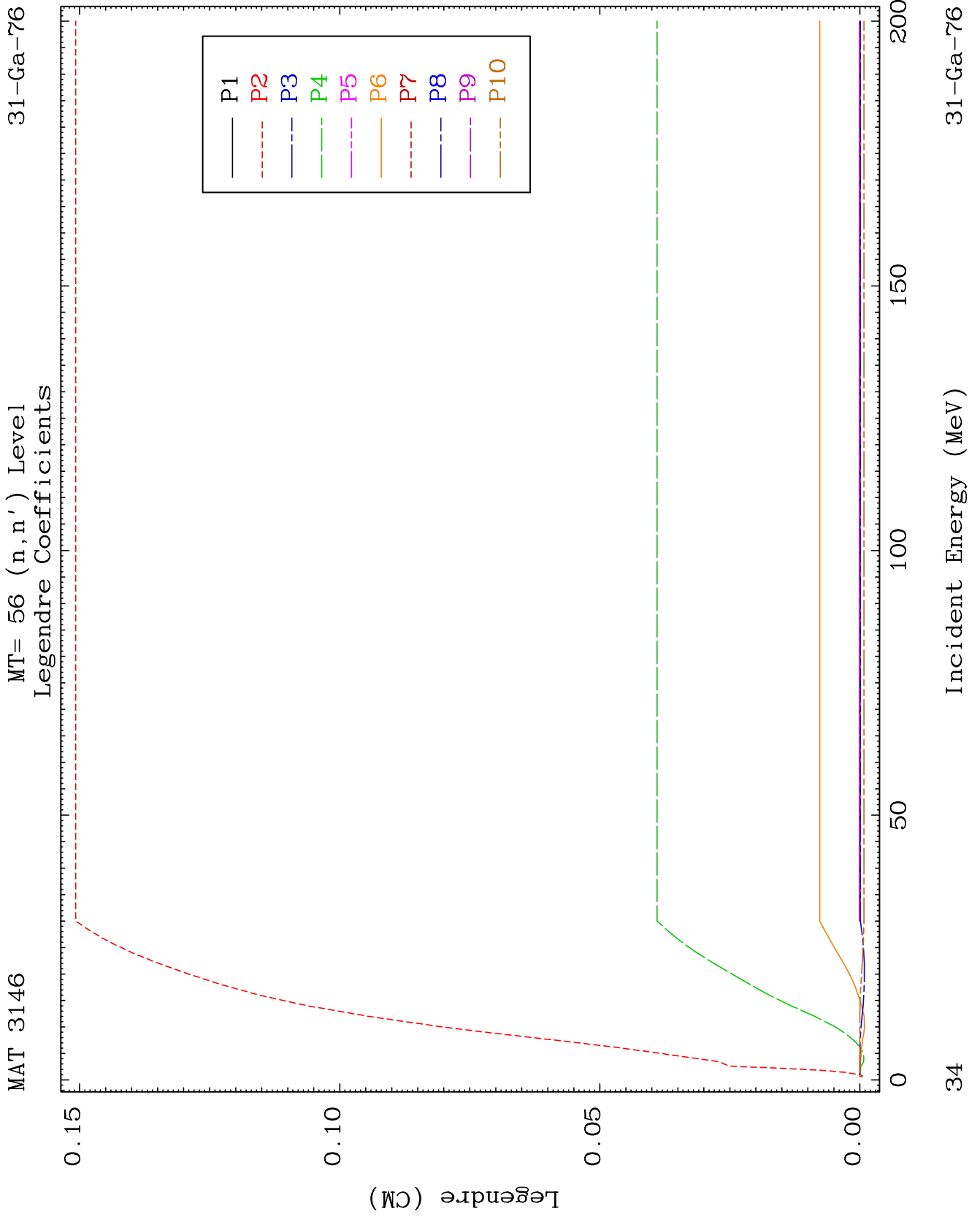
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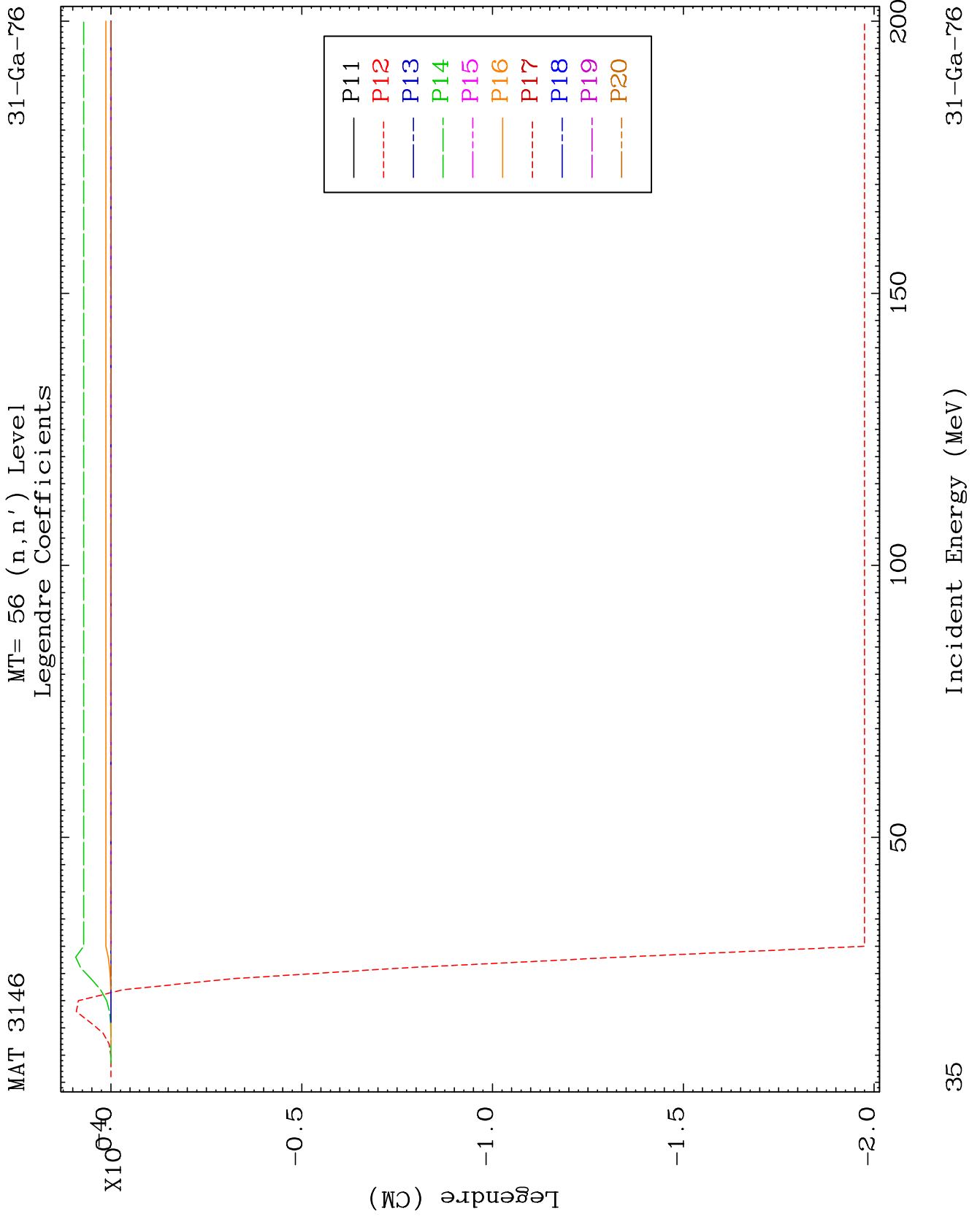
Incident Energy (MeV)

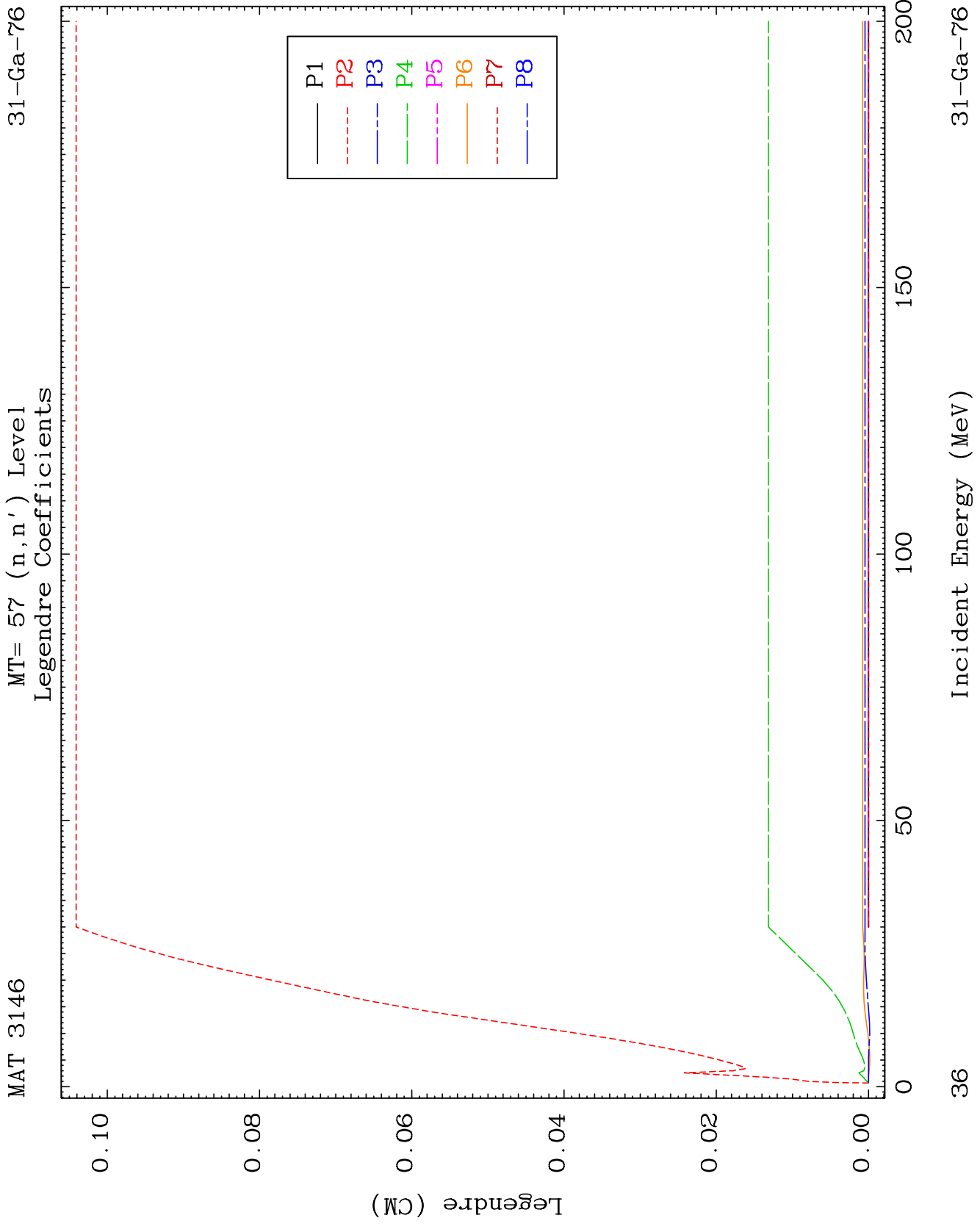
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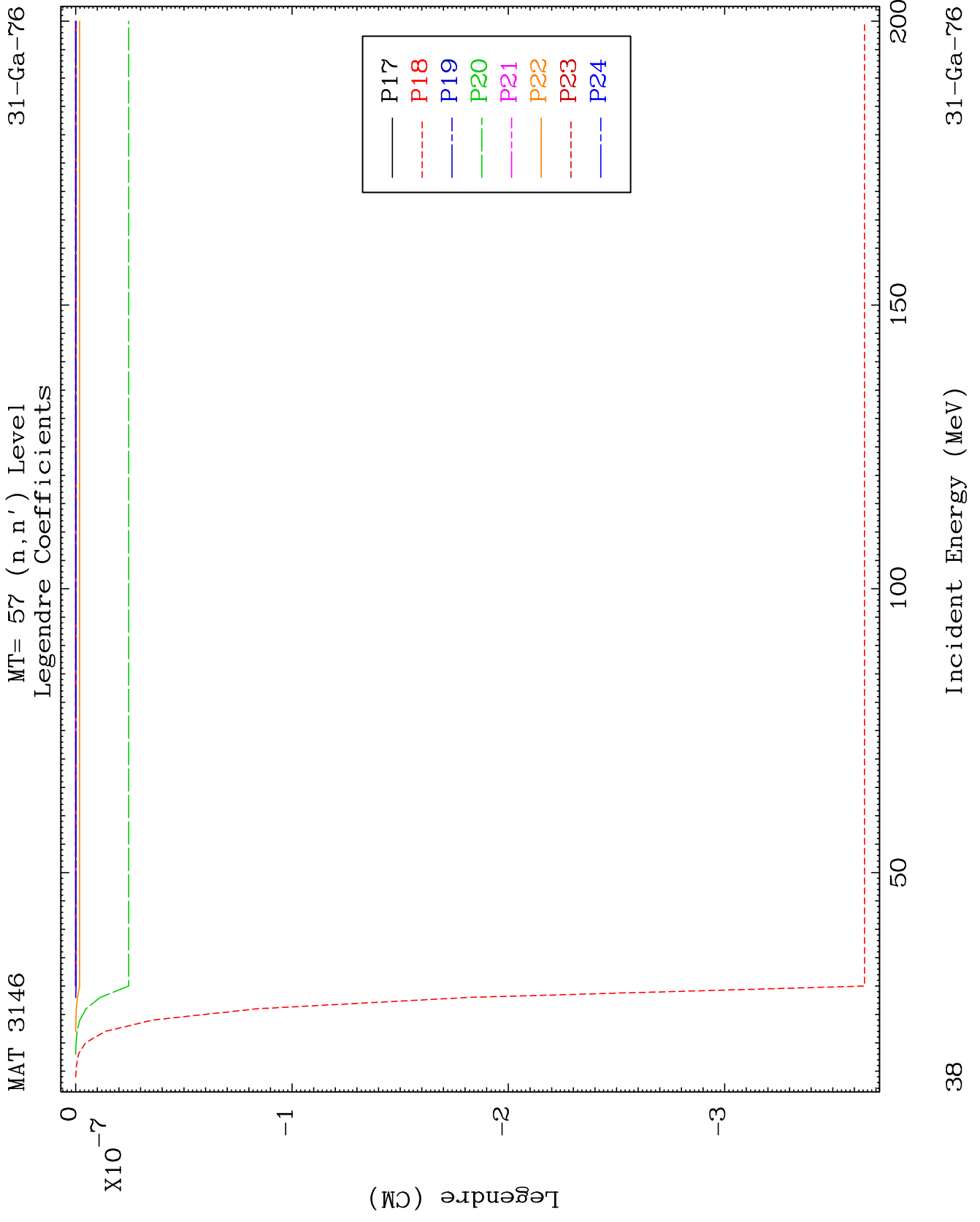








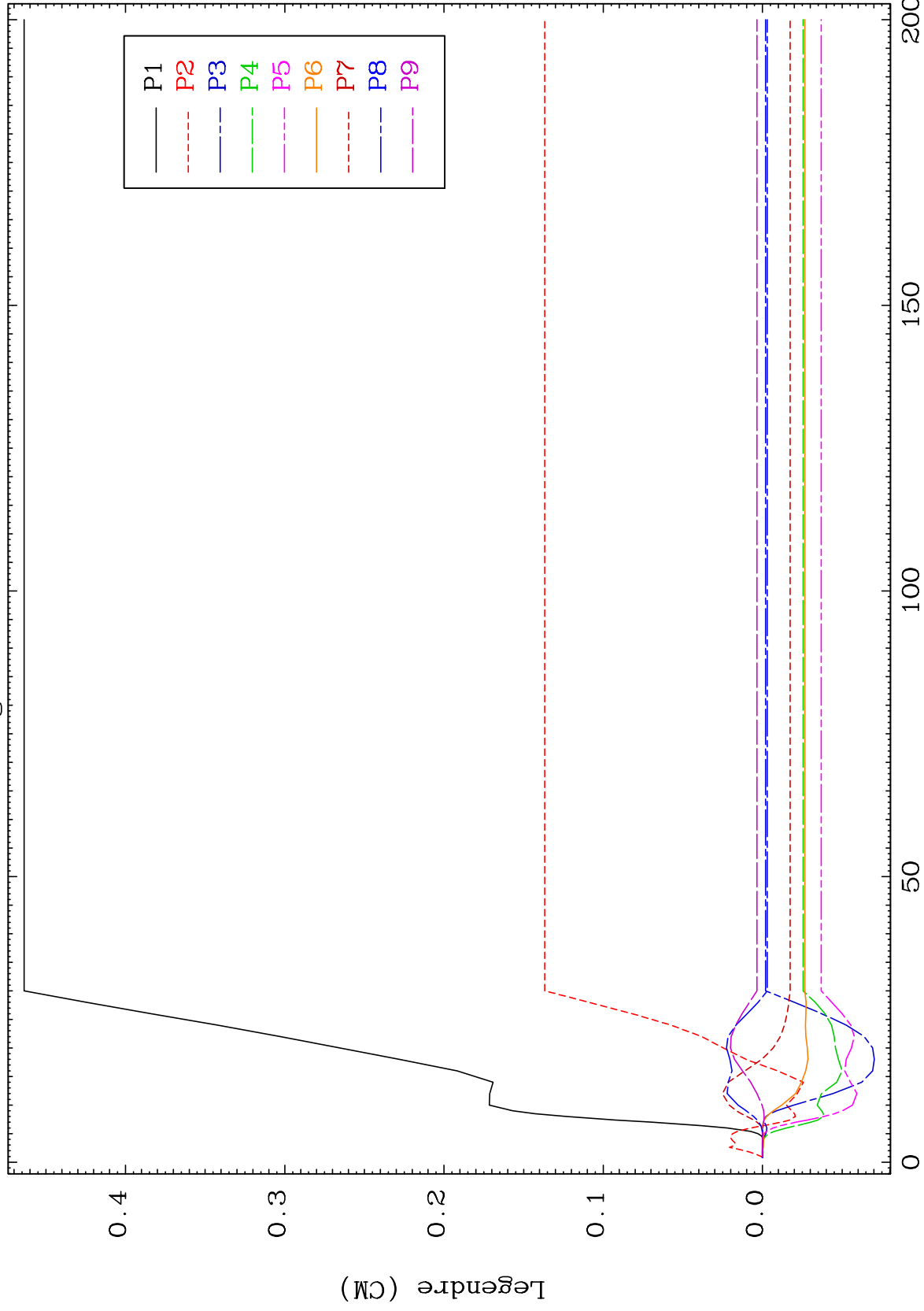




MAT 3146

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

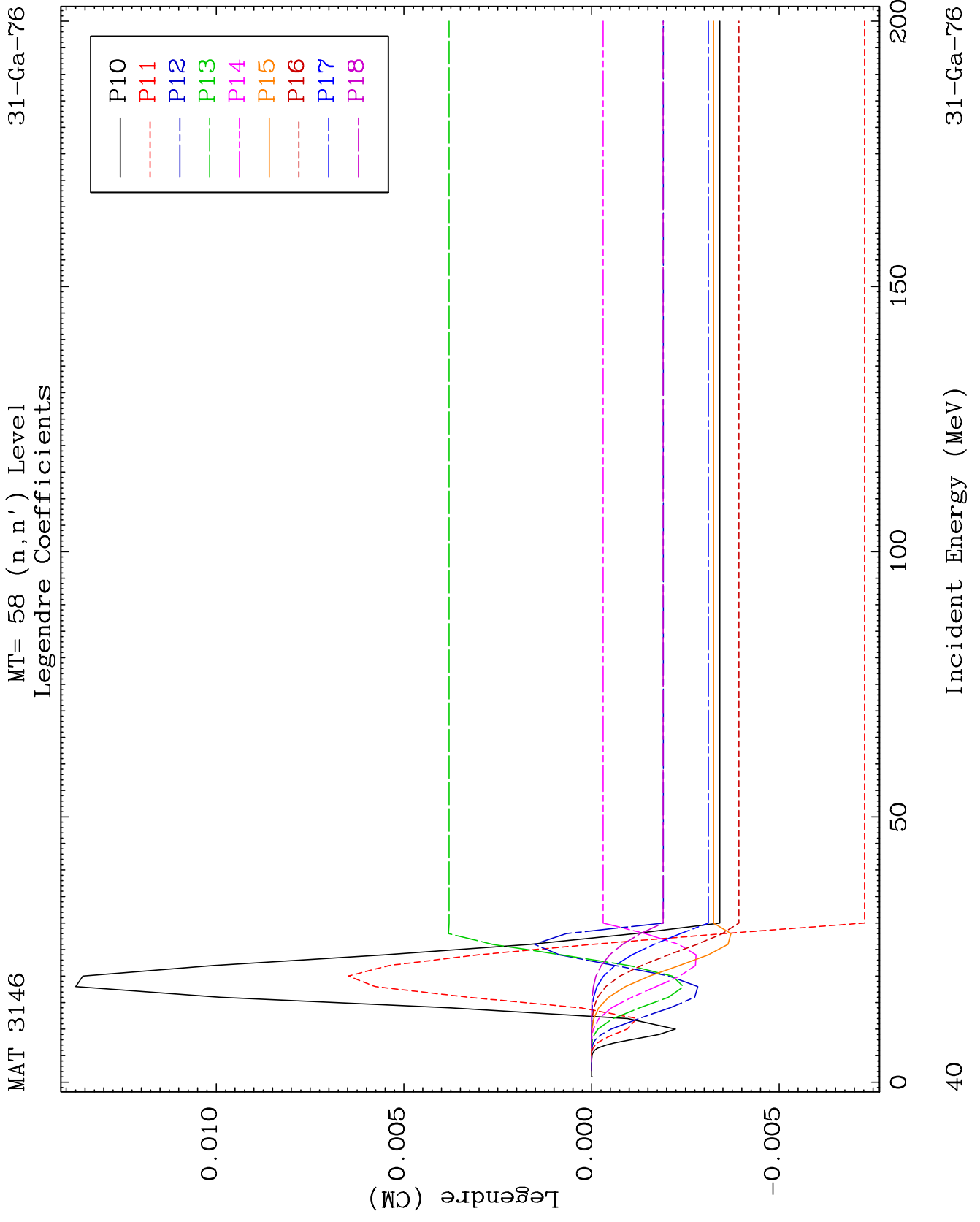
31-Ga-76



39

Incident Energy (MeV)

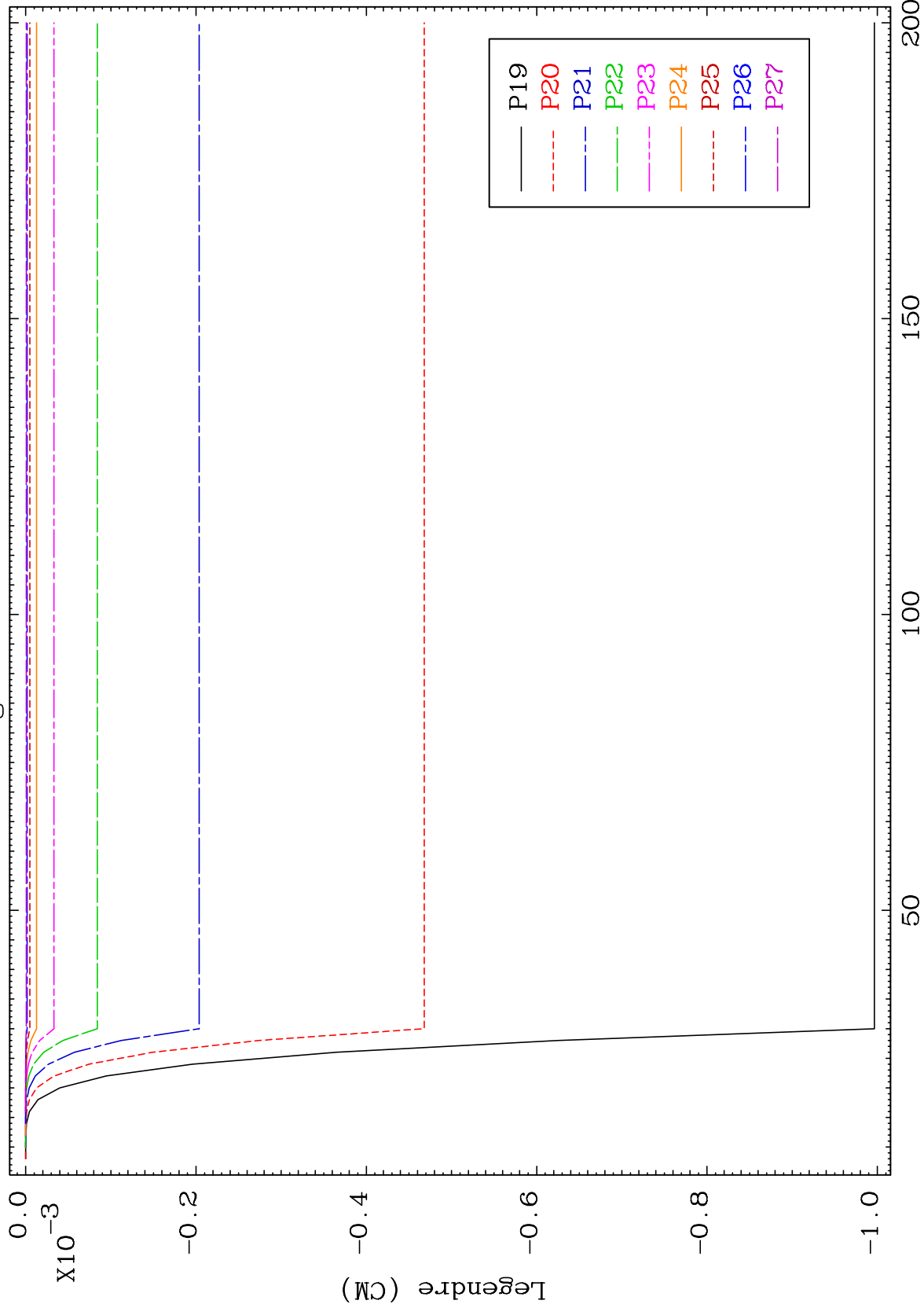
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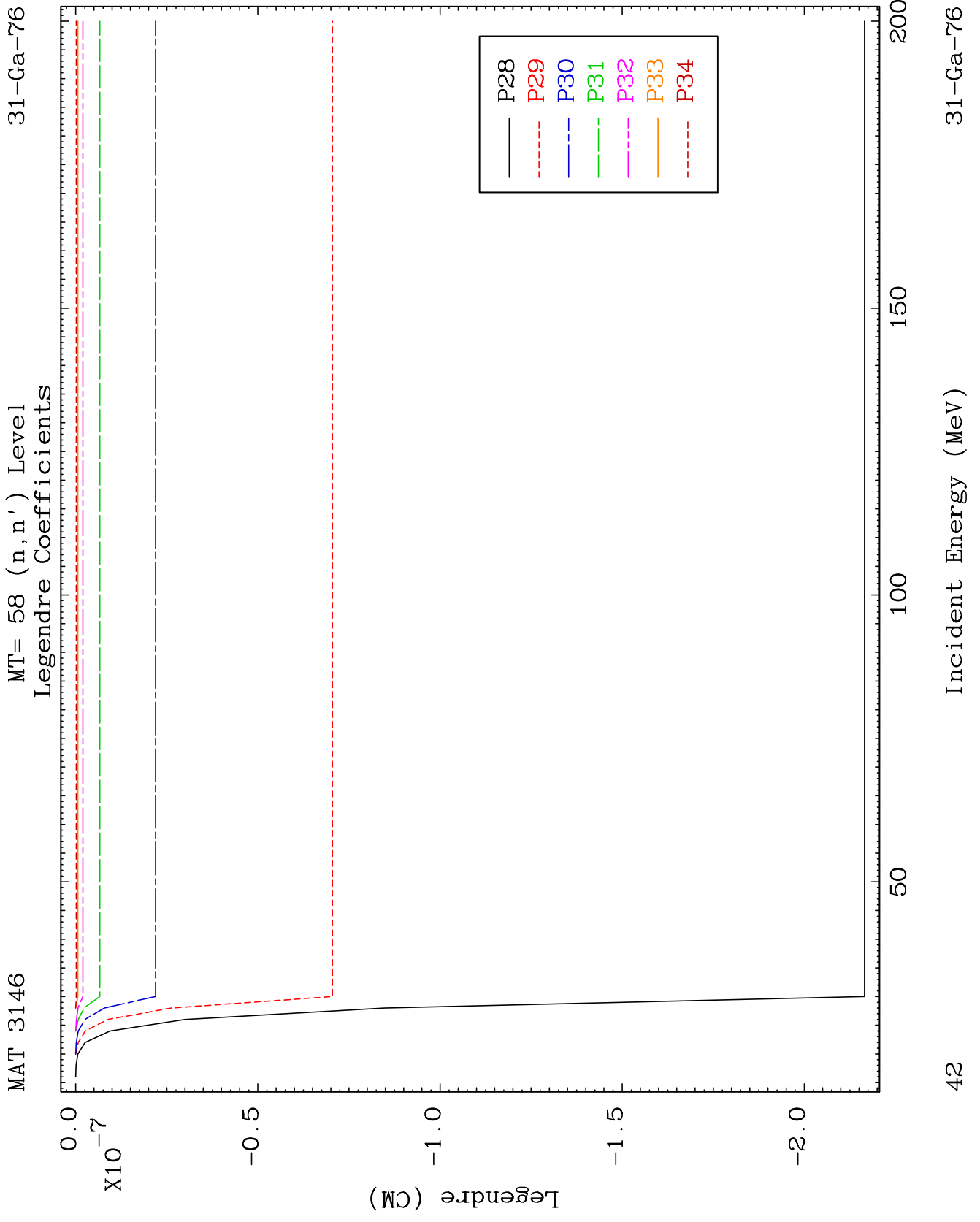


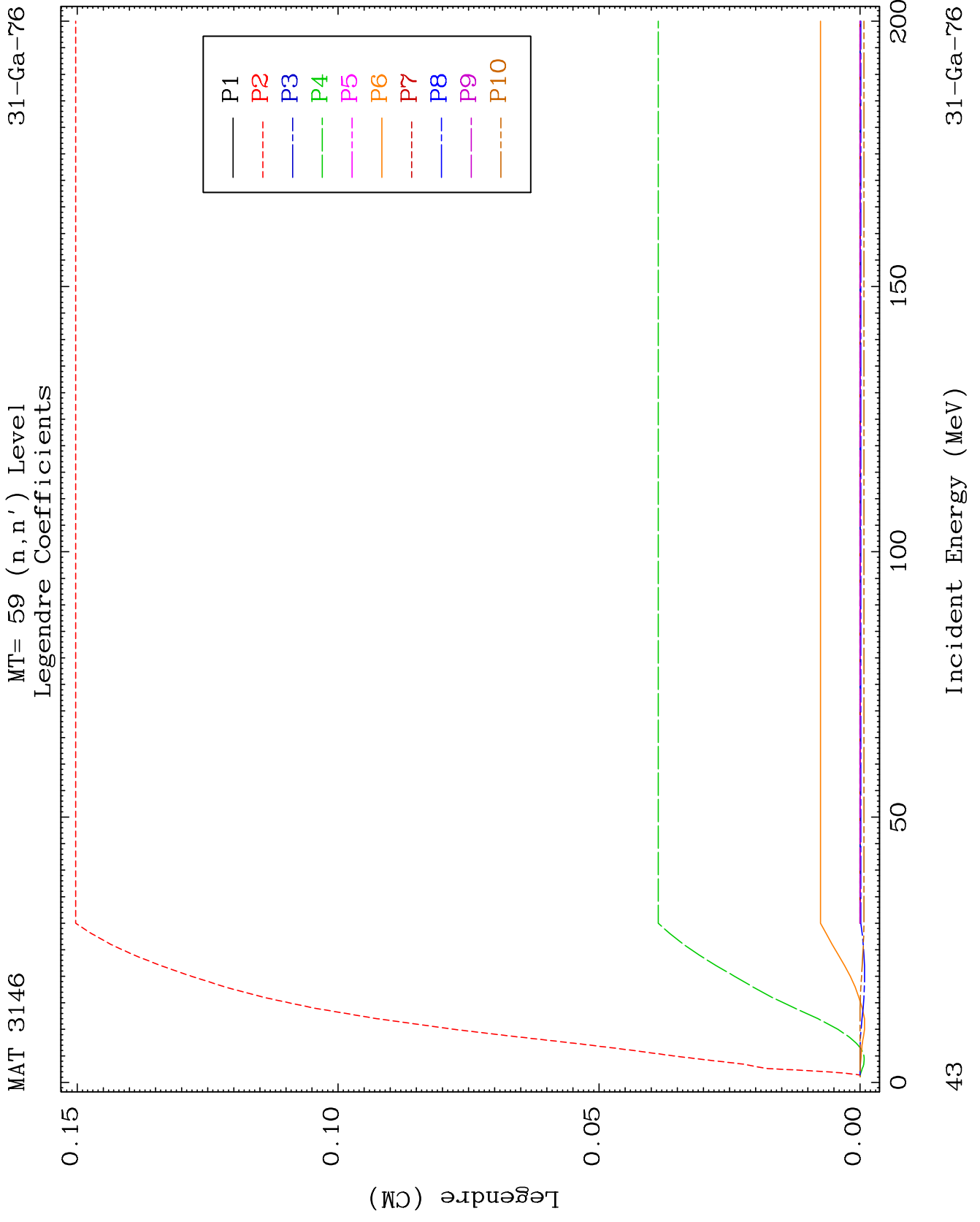
MAT 3146

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

31-Ga-76



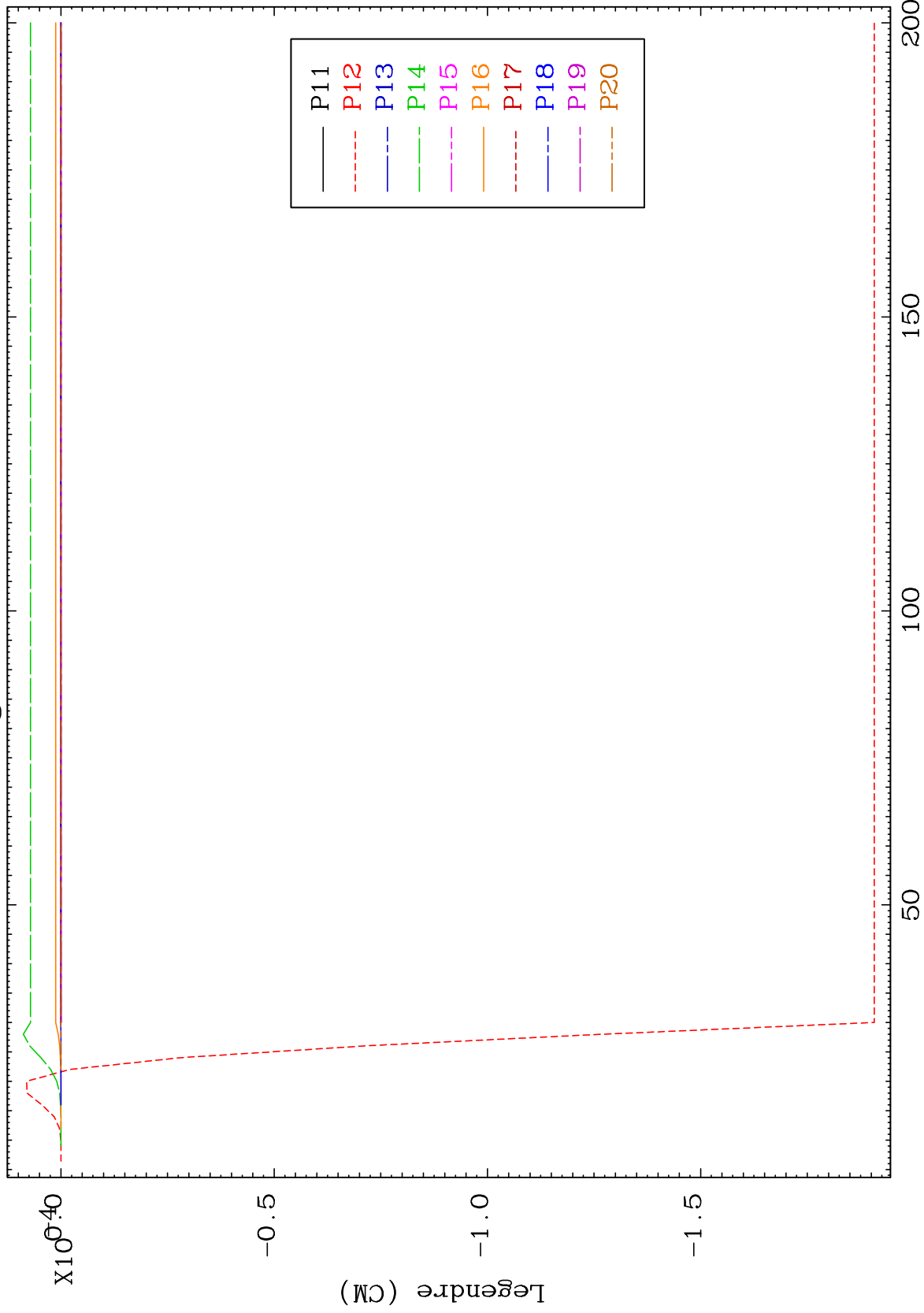




MAT 3146

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

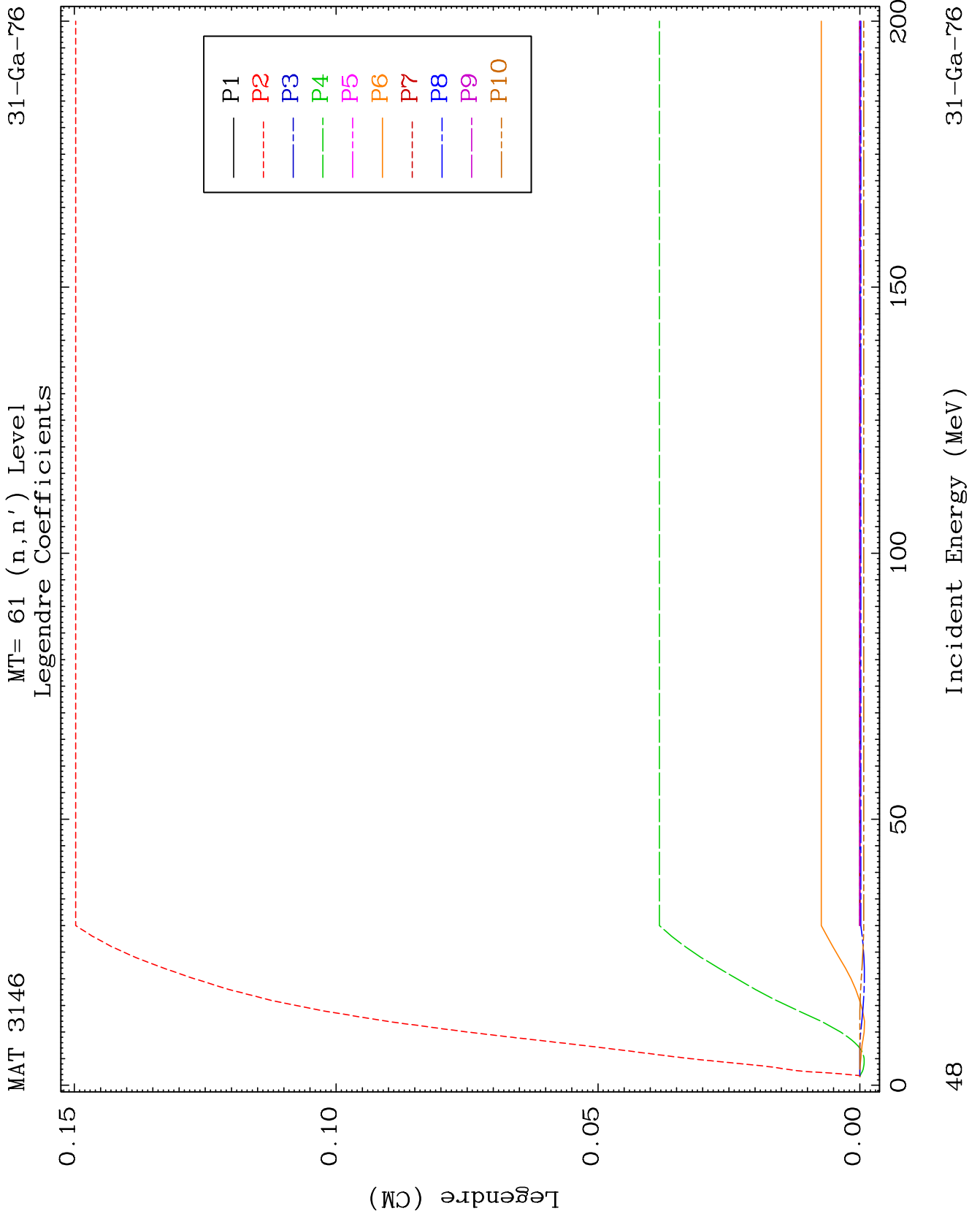
31-Ga-76



44

Incident Energy (MeV)

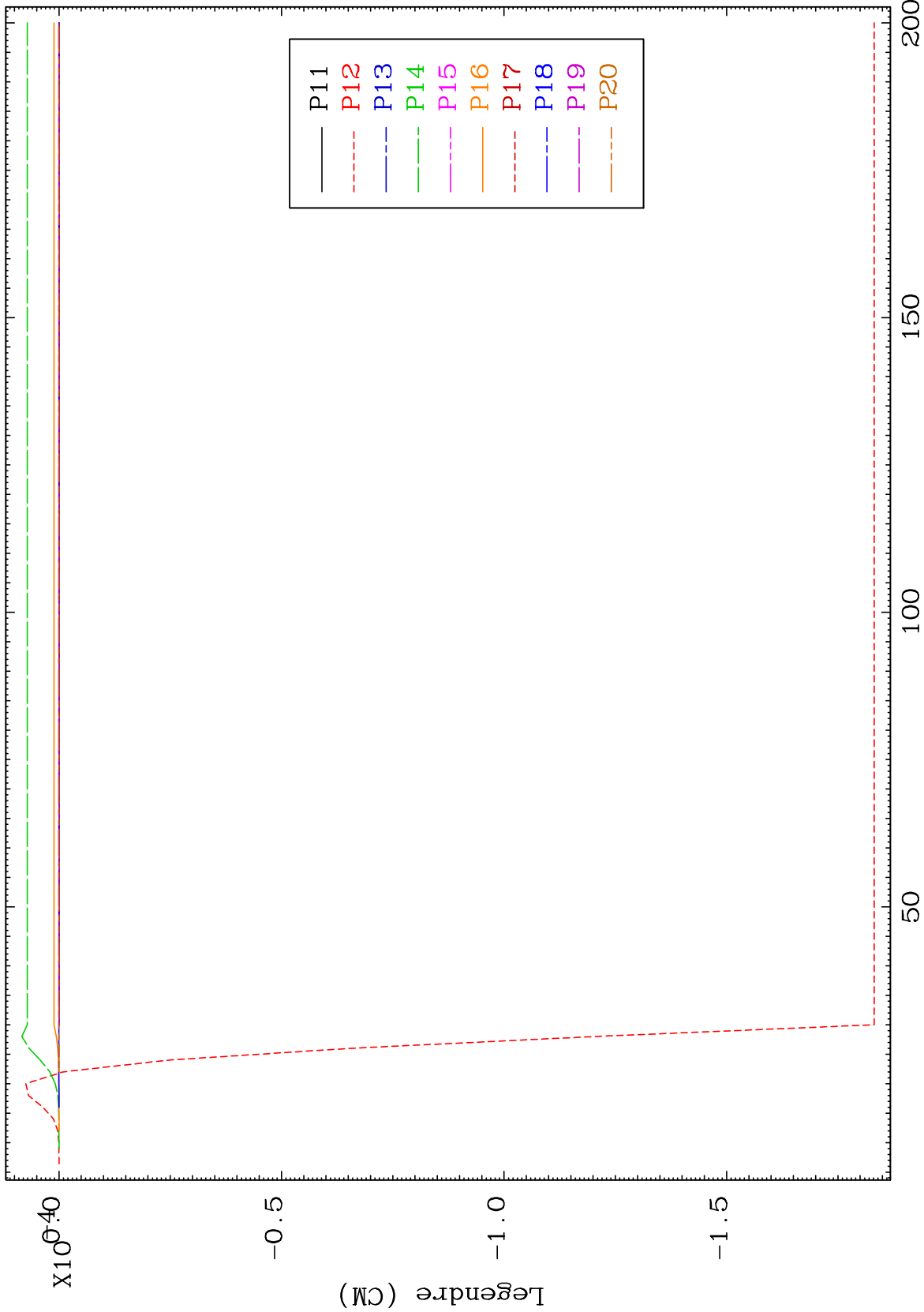
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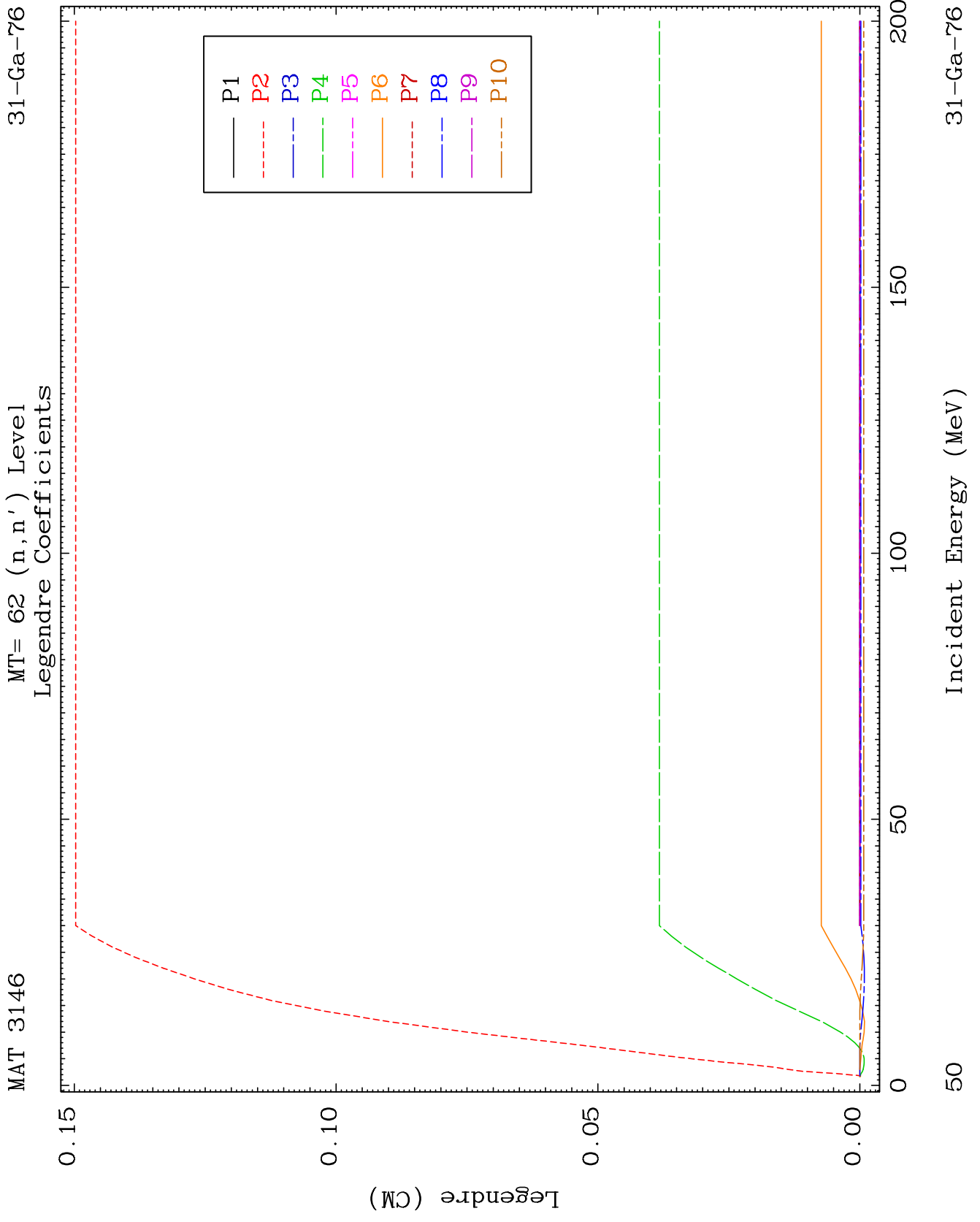


MAT 3146

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

31-Ga-76

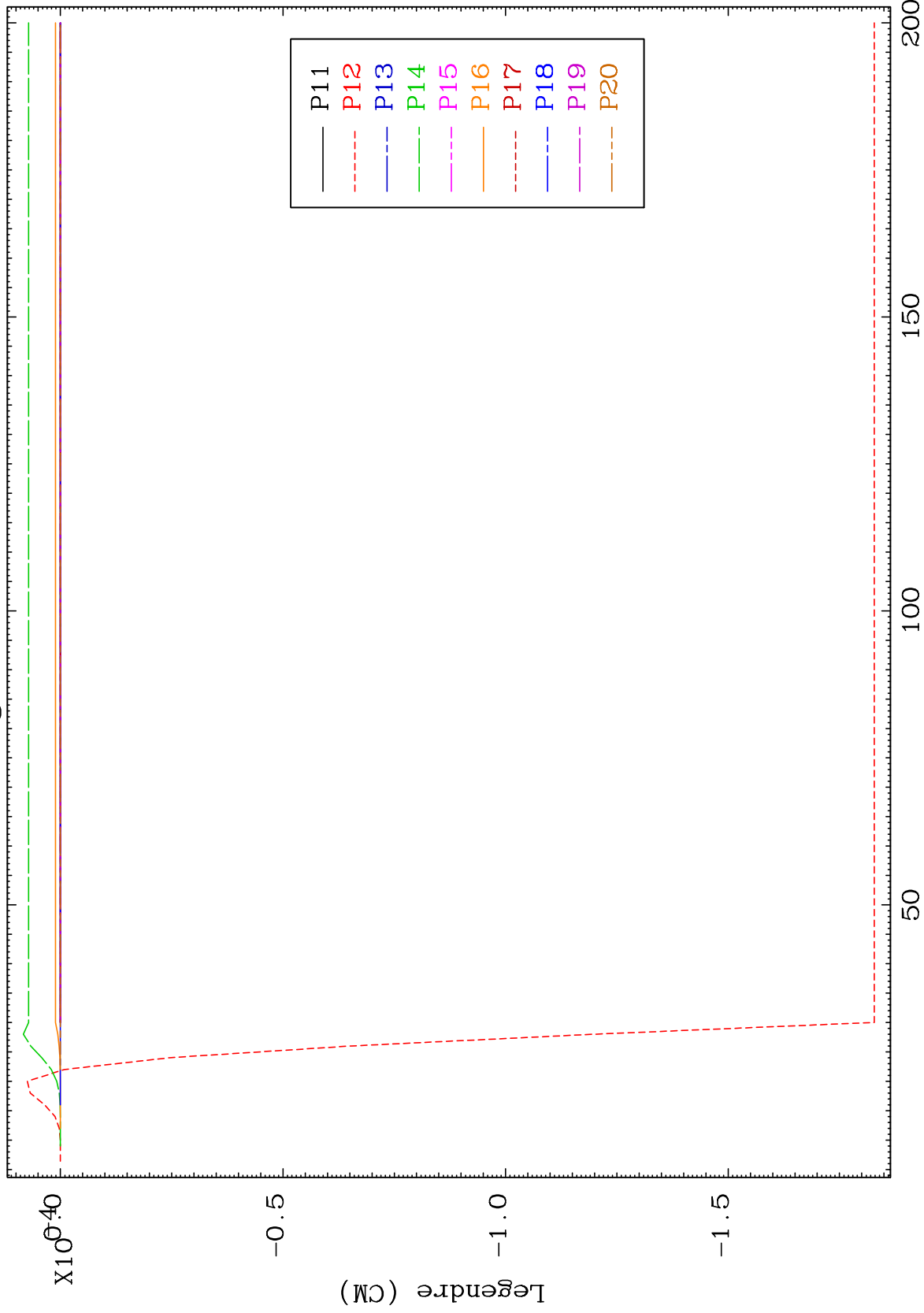




MAT 3146

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

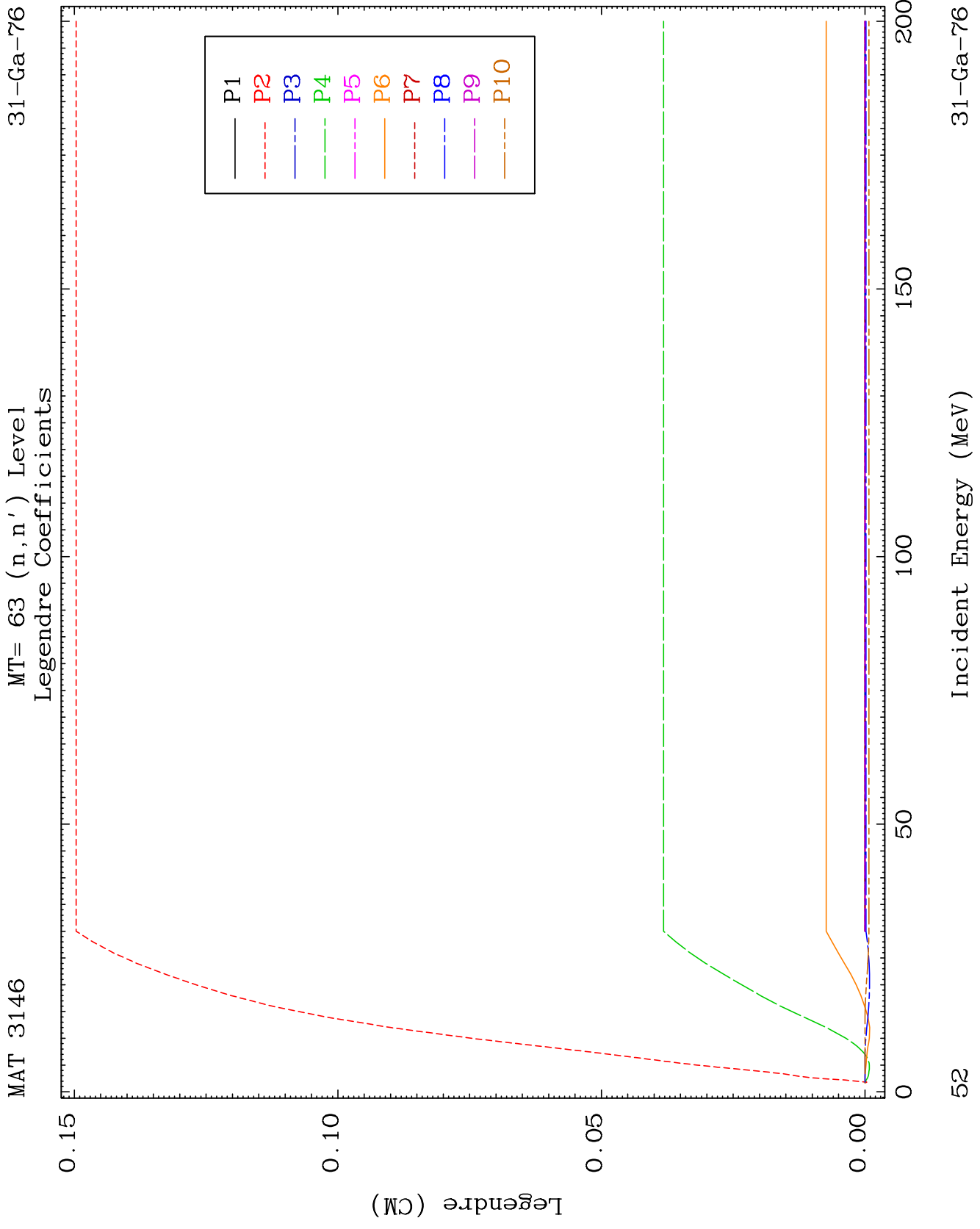
31-Ga-76



51

Incident Energy (MeV)

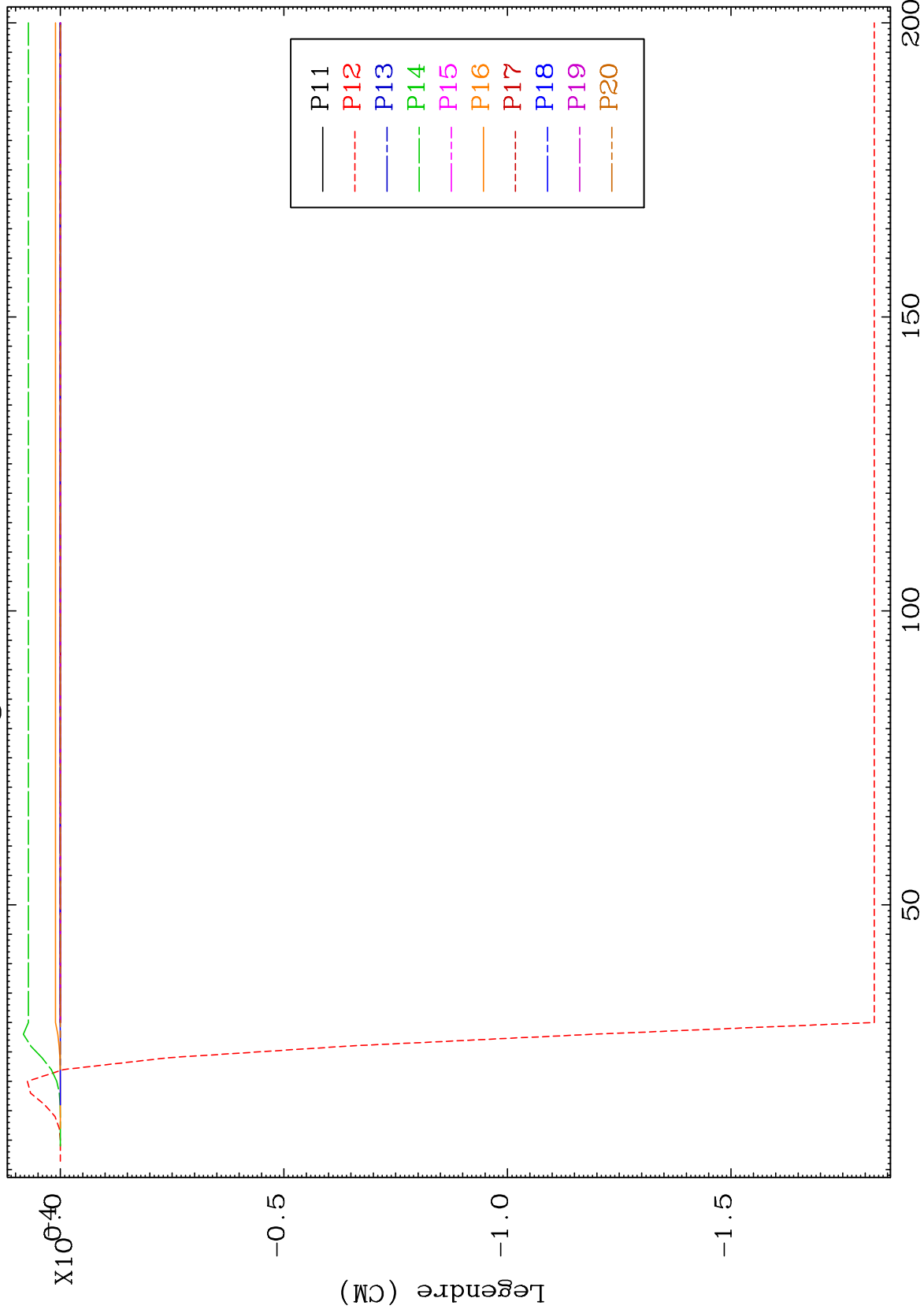
31-Ga-76



MAT 3146

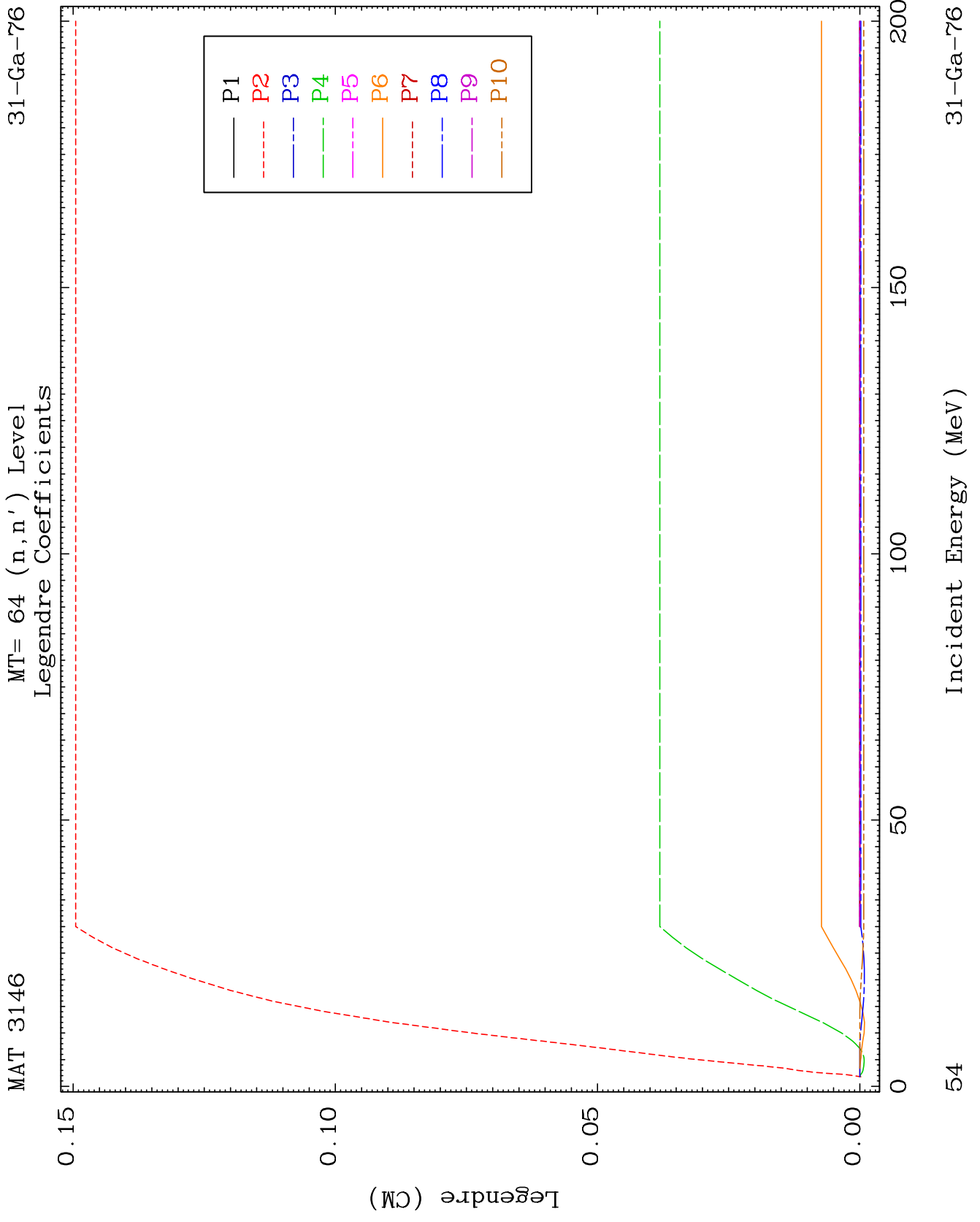
MT= 63 (n,n') Level
Legendre Coefficients

31-Ga-76



53

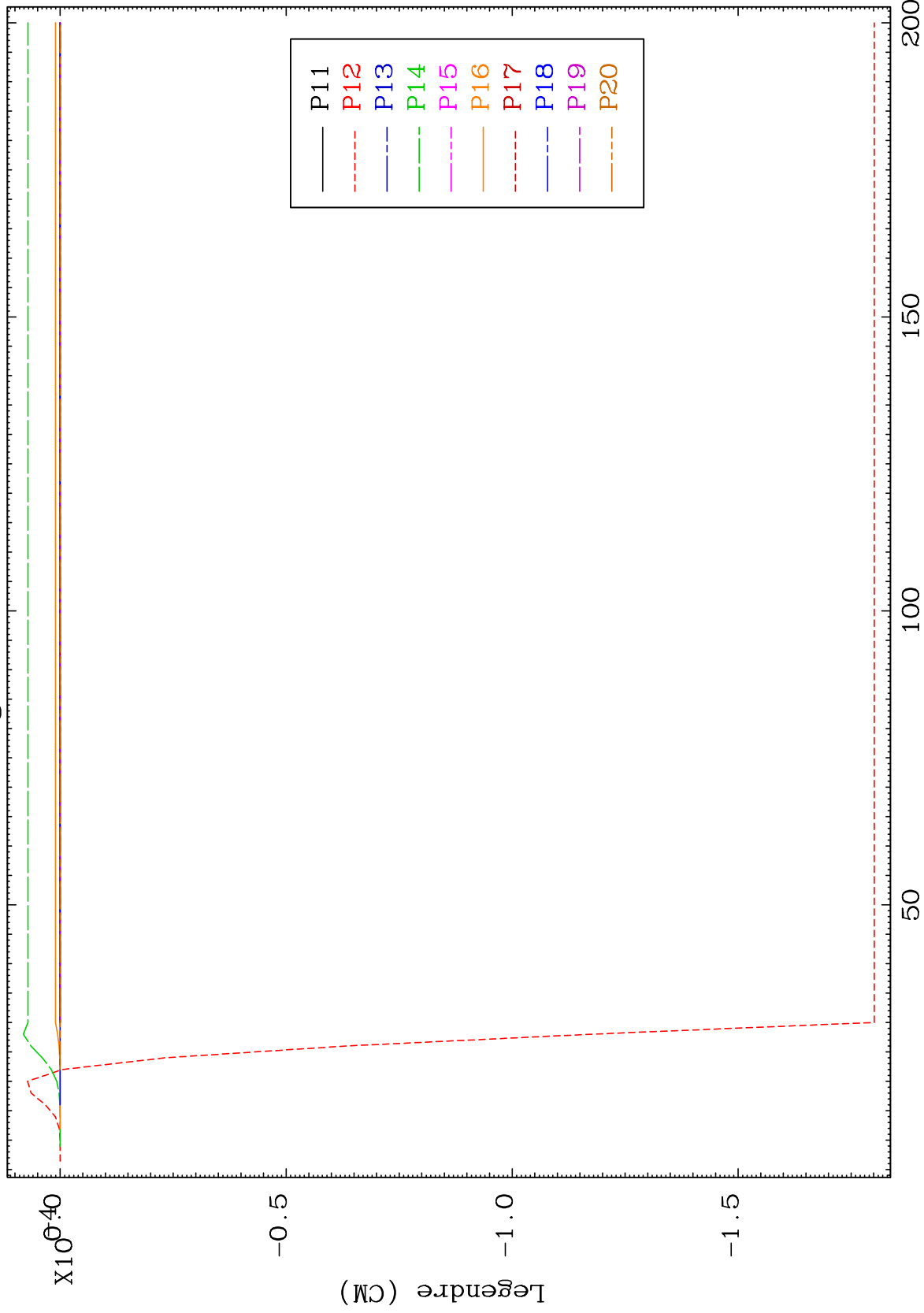
31-Ga-76



MAT 3146

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

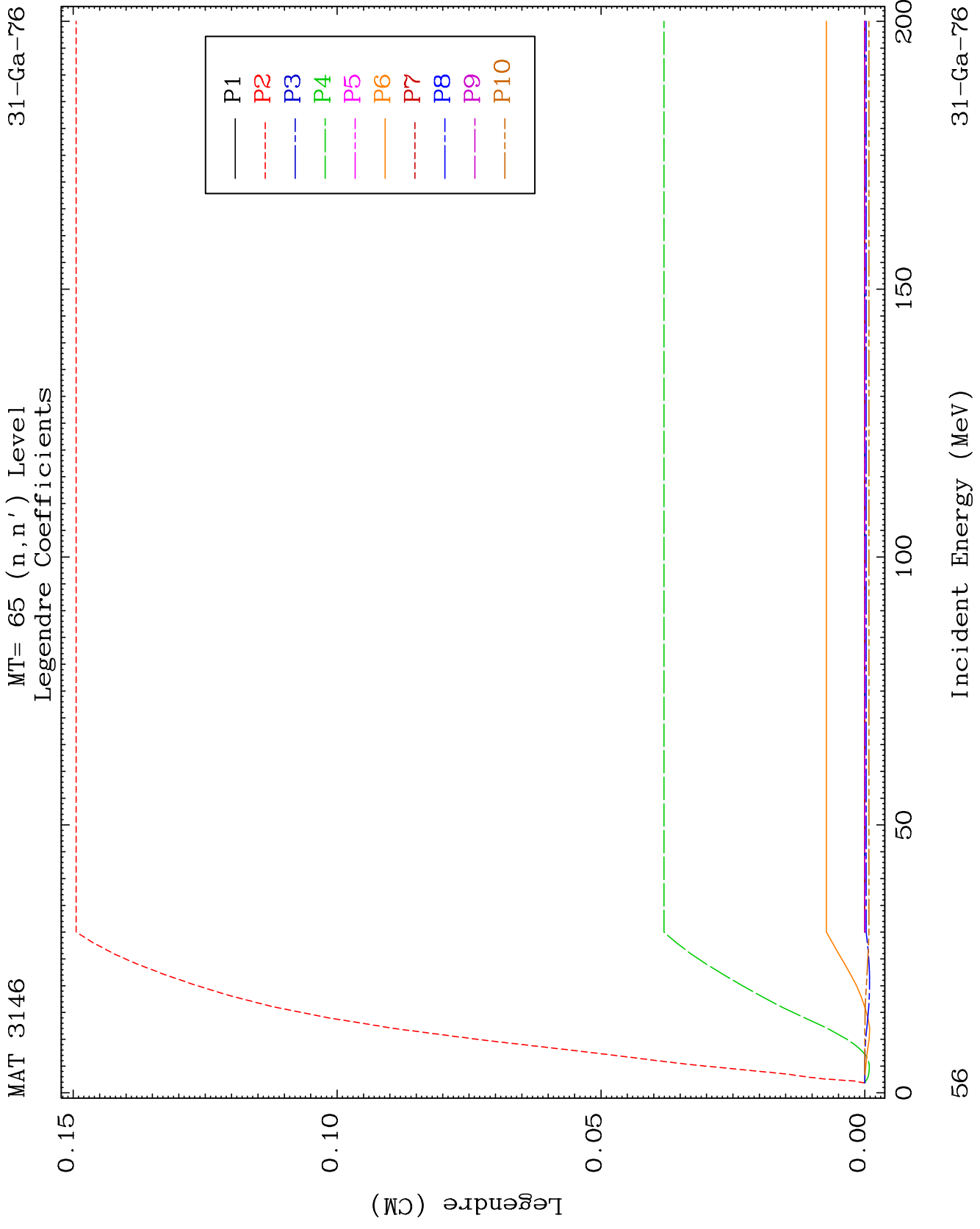
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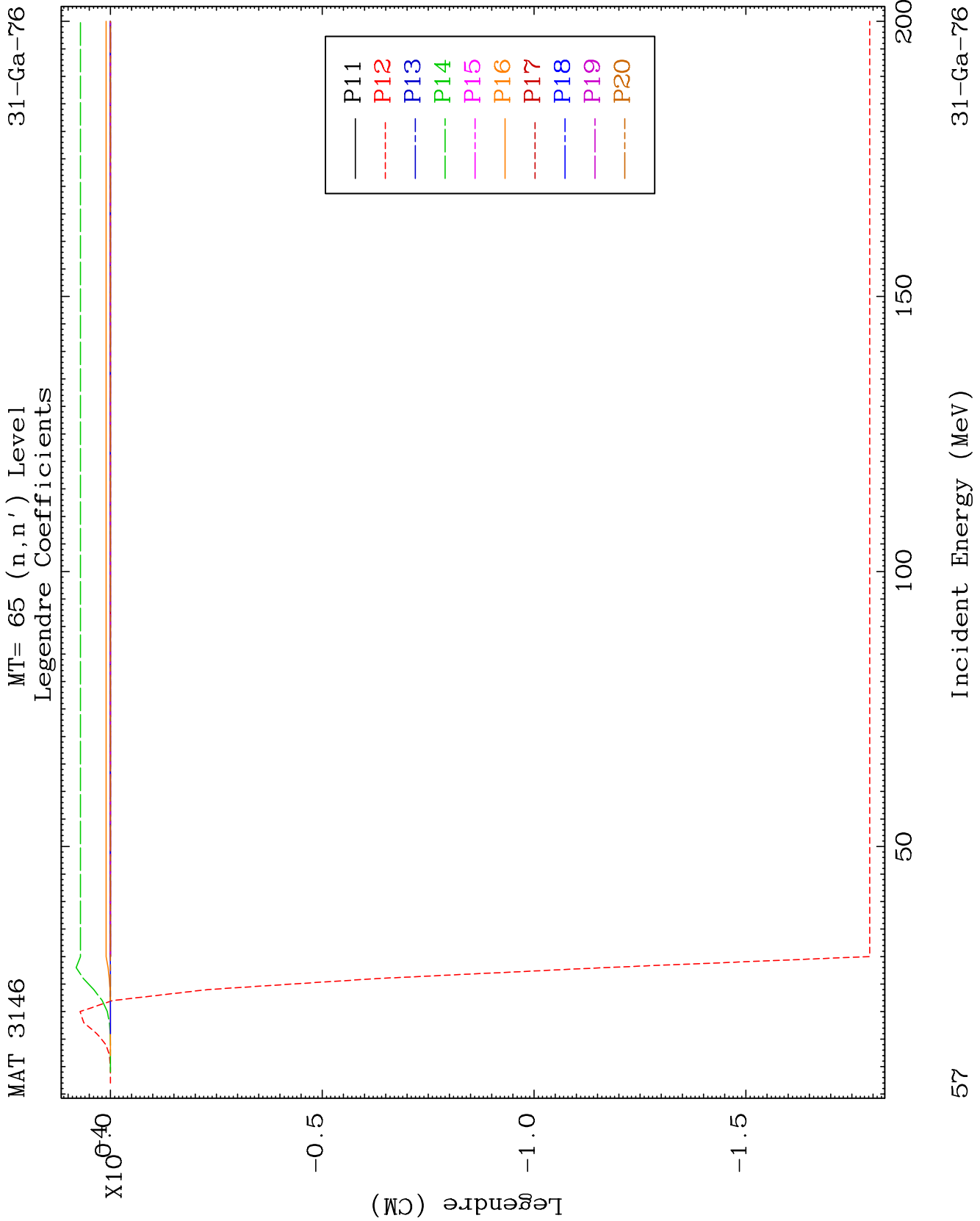


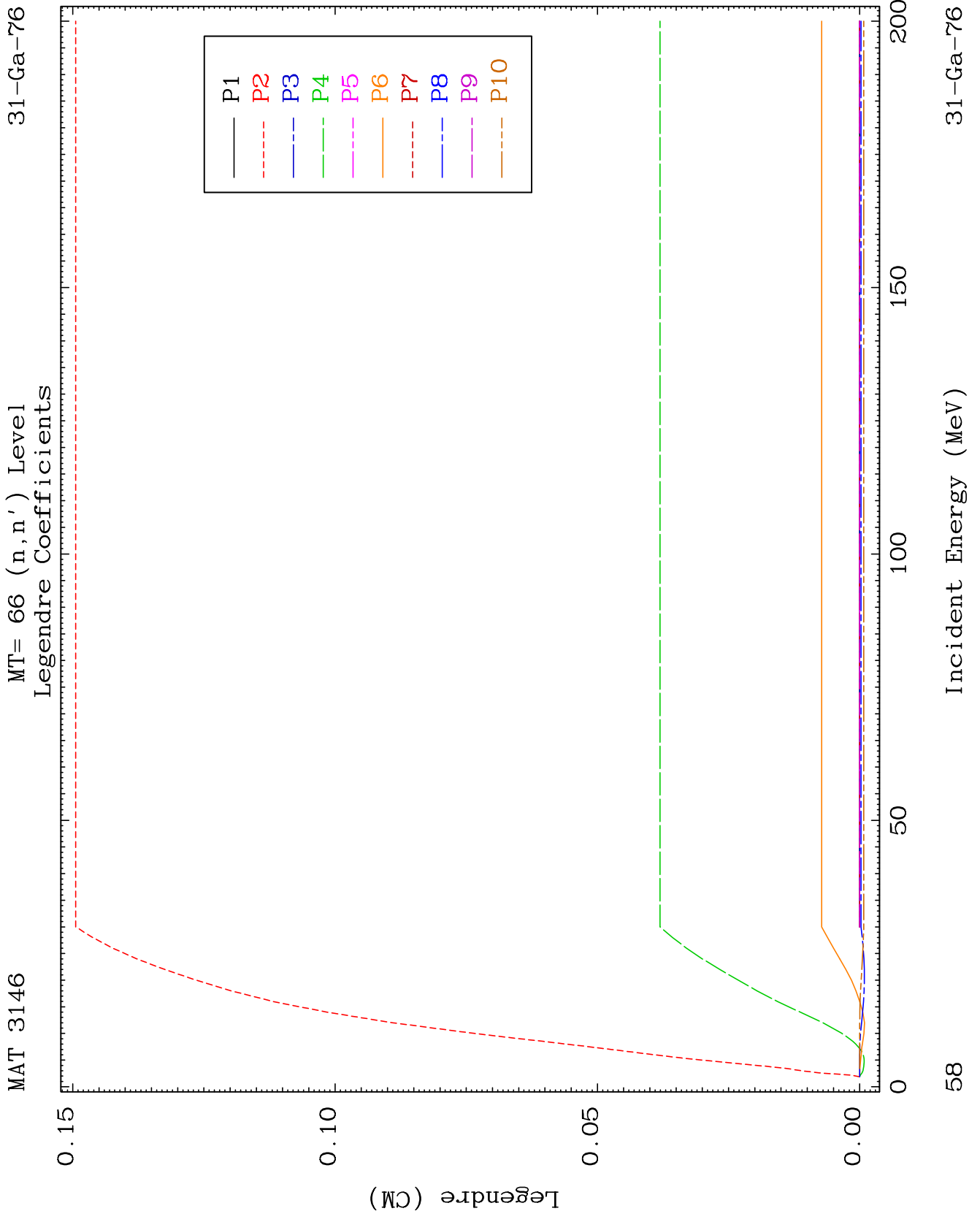
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Incident Energy (MeV)

31-Ga-76



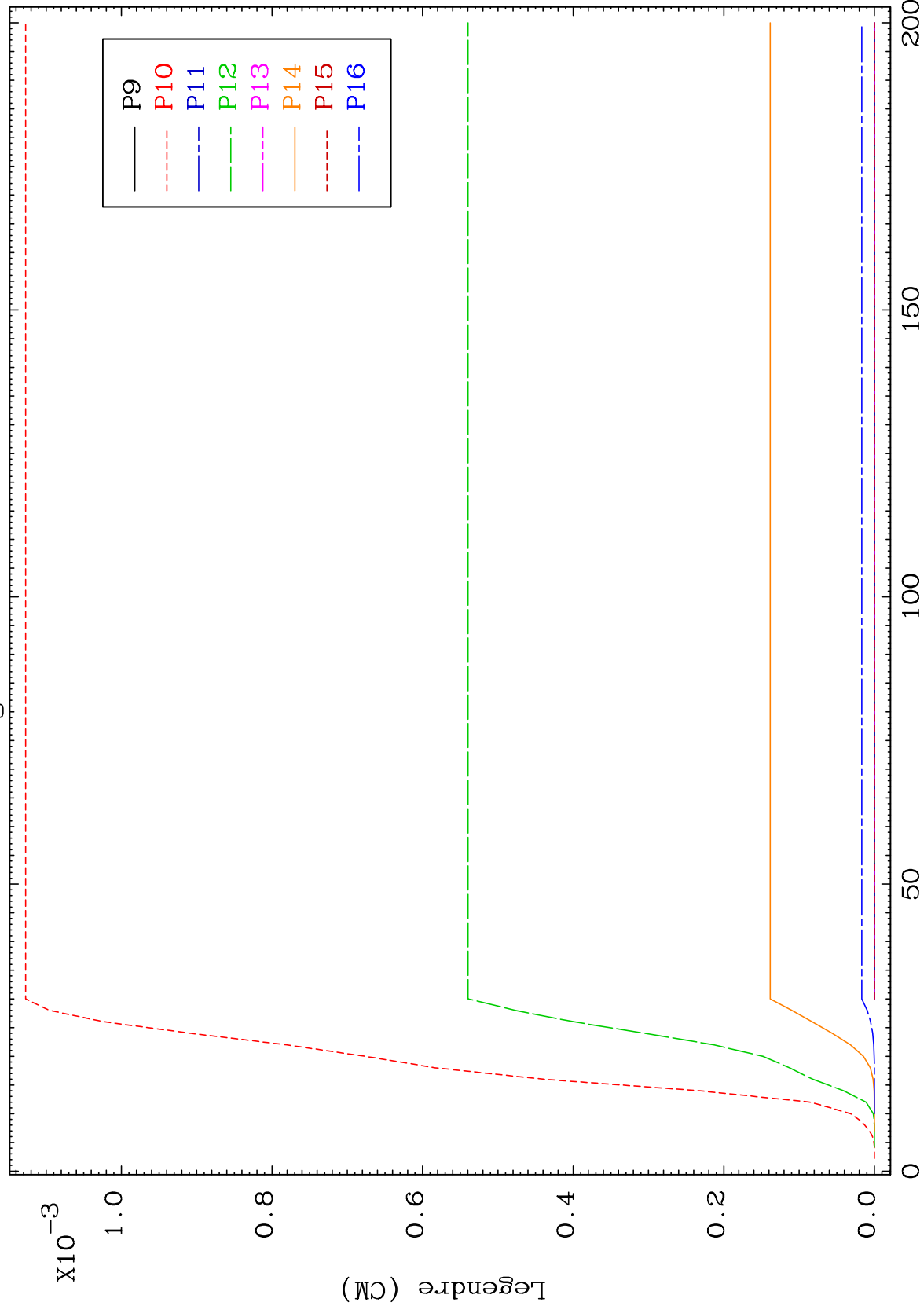




MAT 3146

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

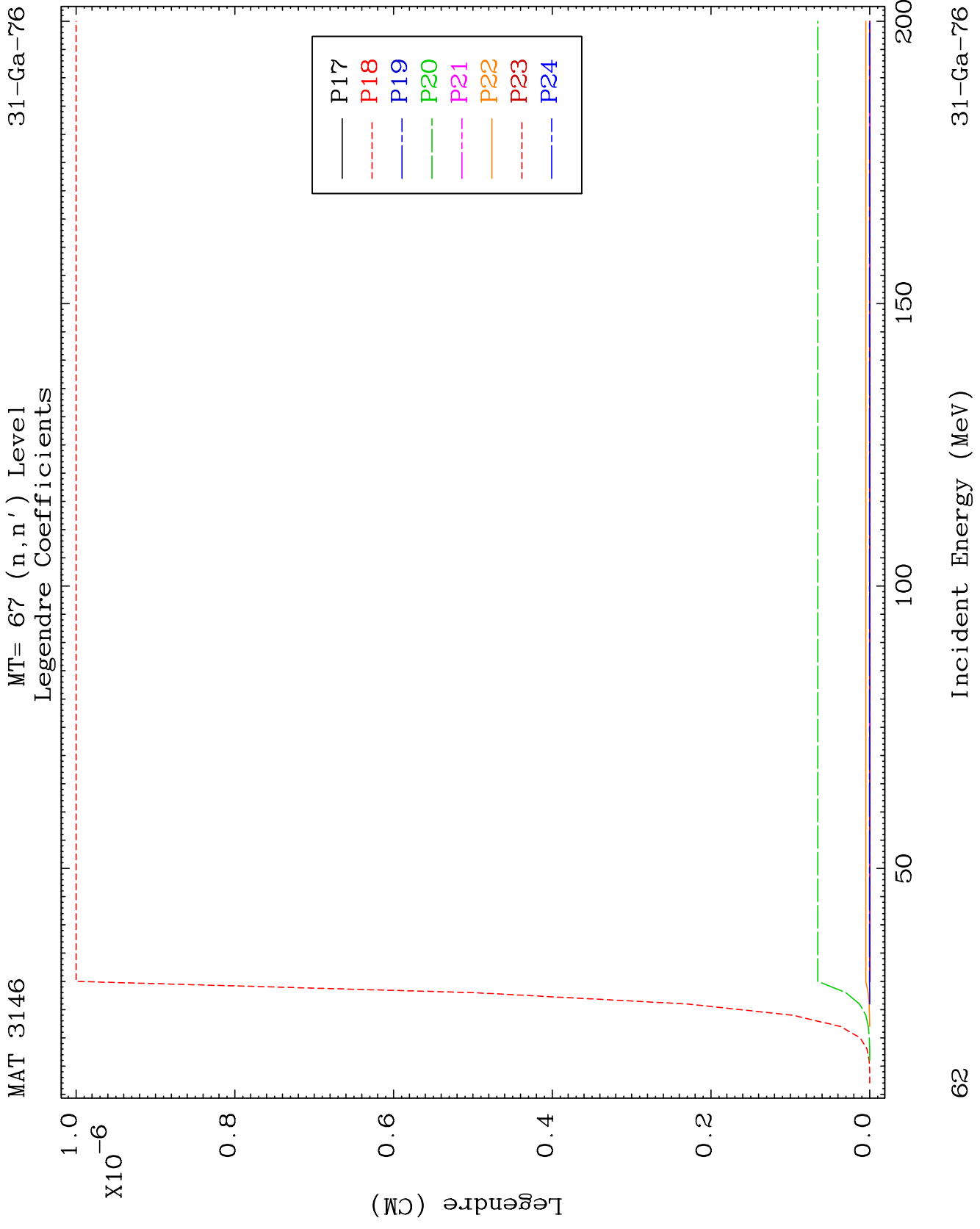
31-Ga-76

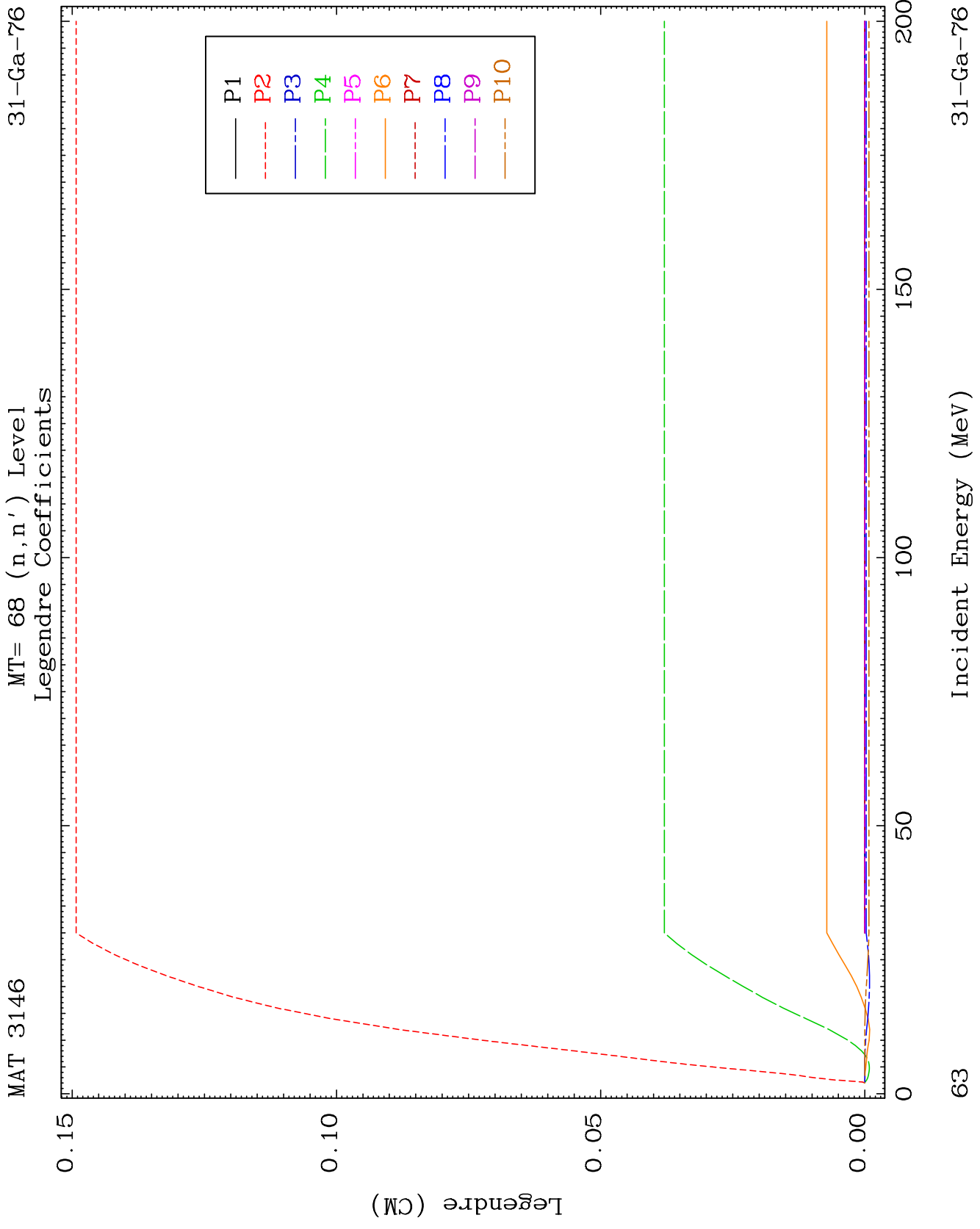


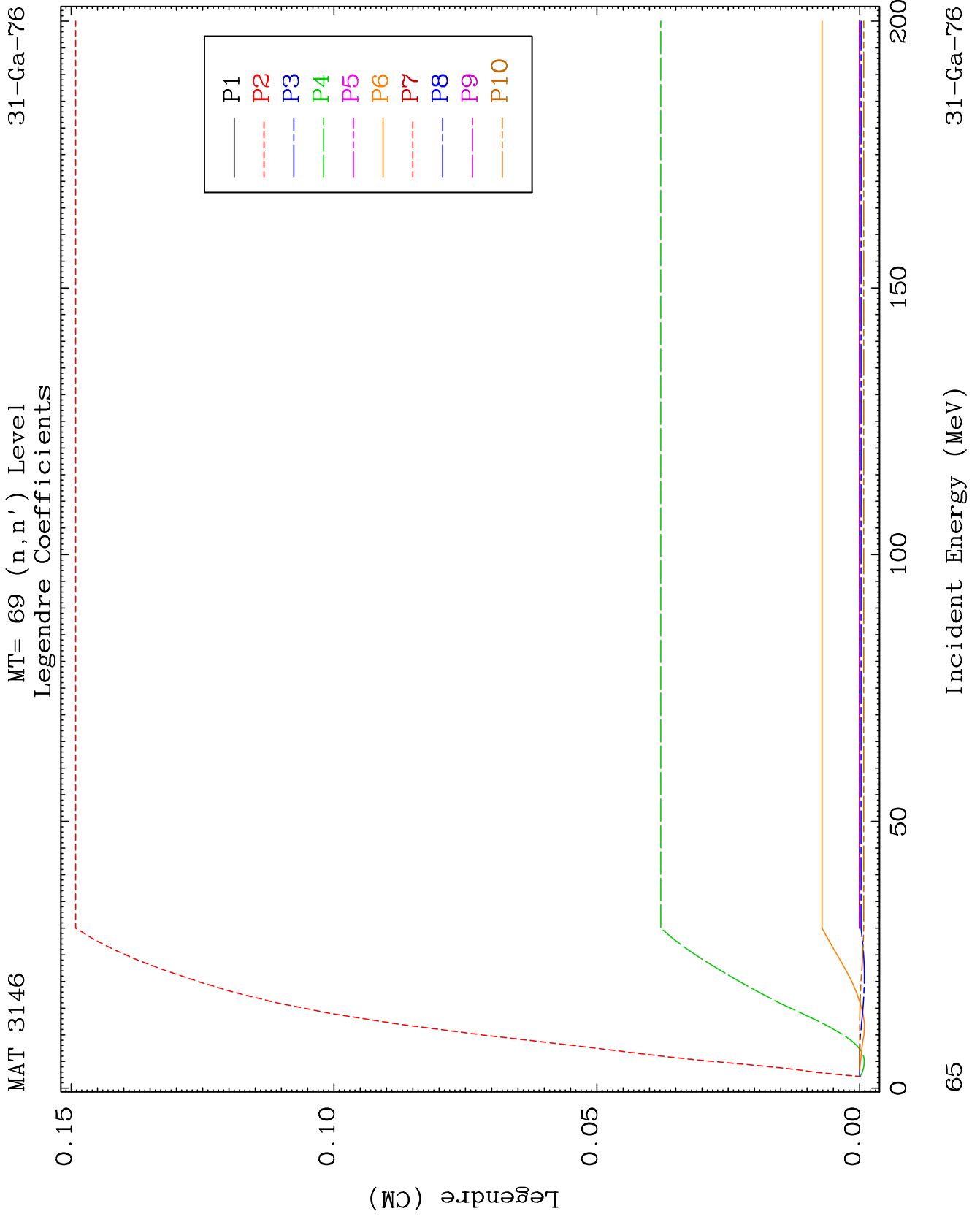
61

Incident Energy (MeV)

31-Ga-76



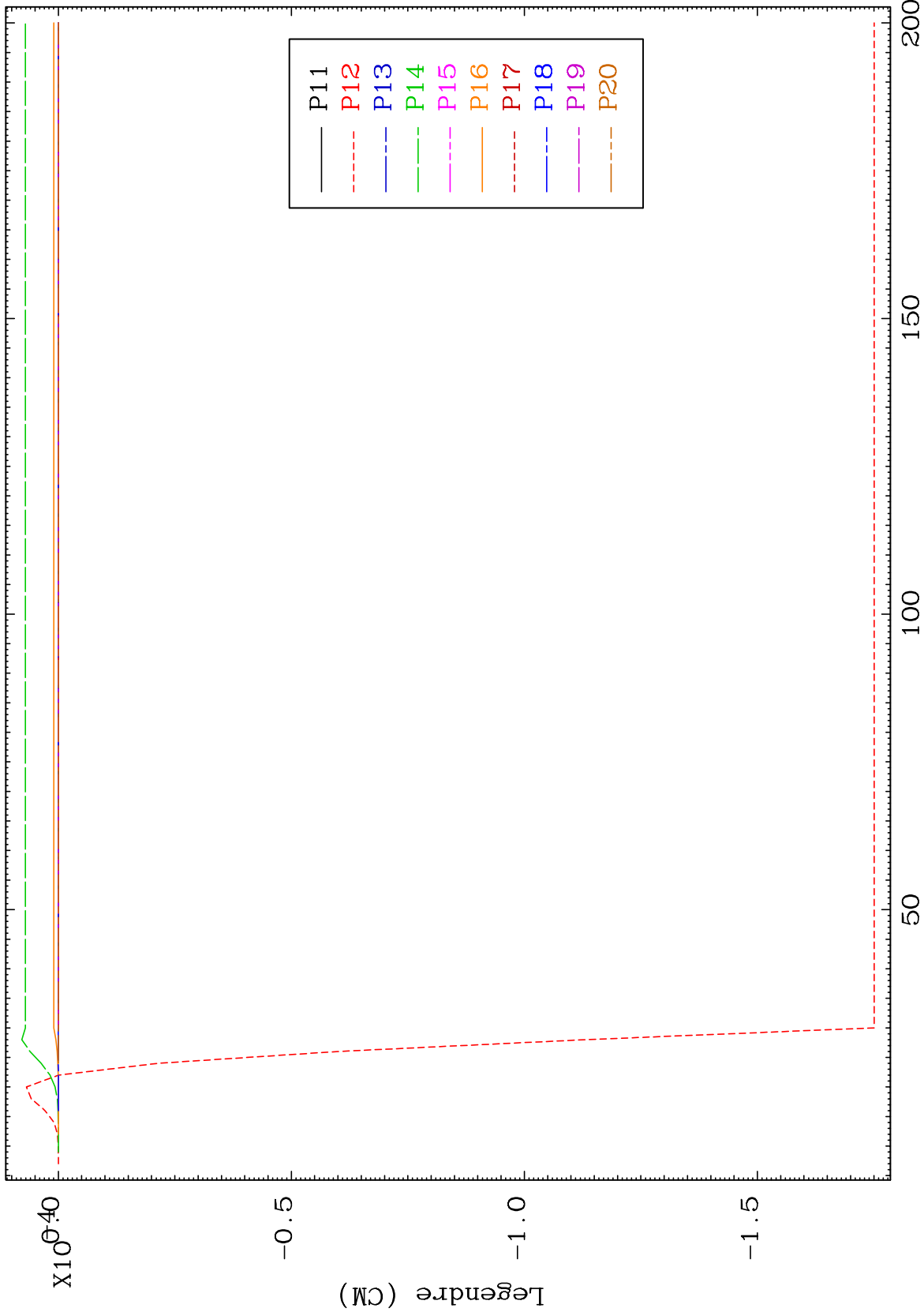




MAT 3146

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

31-Ga-76



66

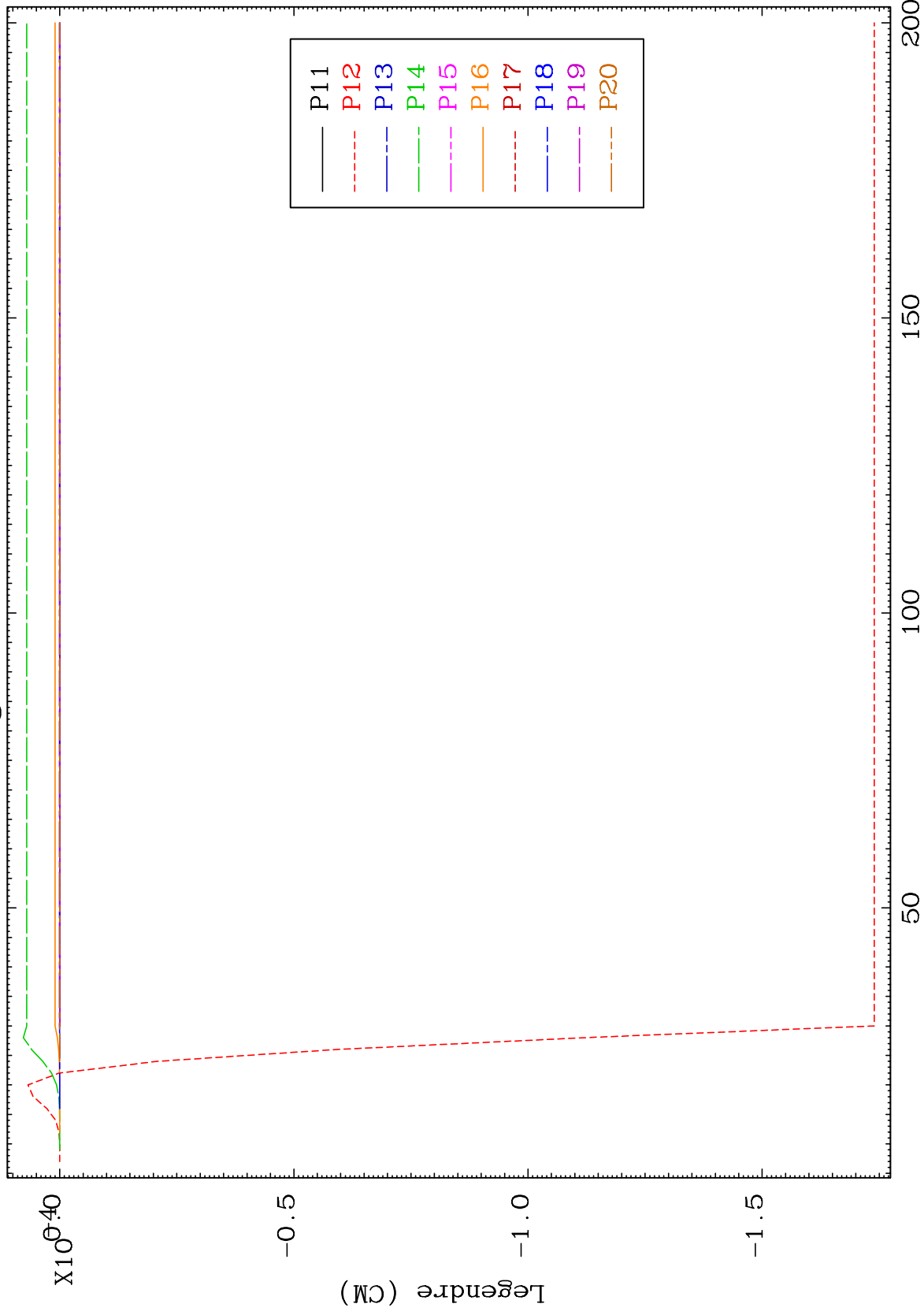
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

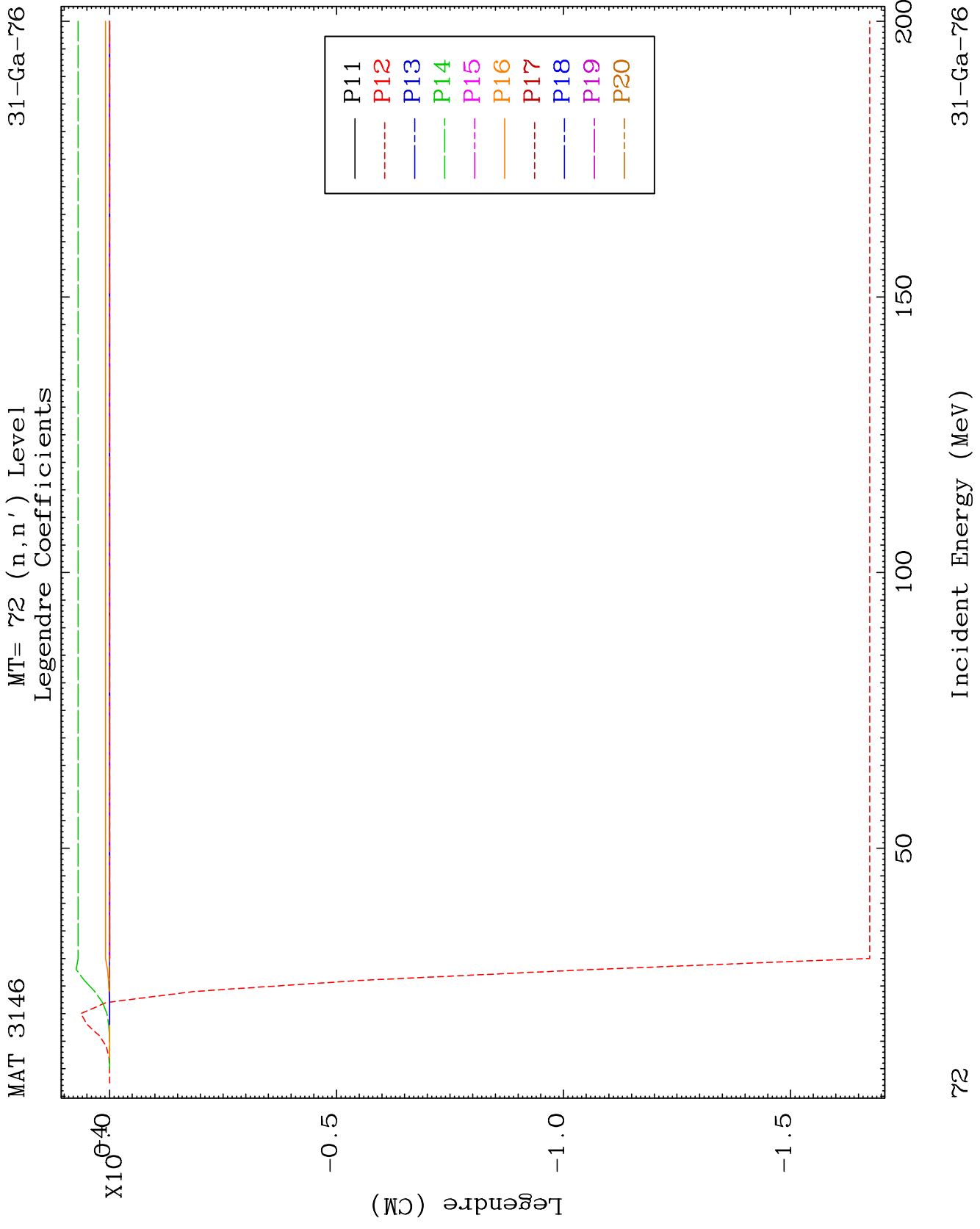
31-Ga-76



68

Incident Energy (MeV)

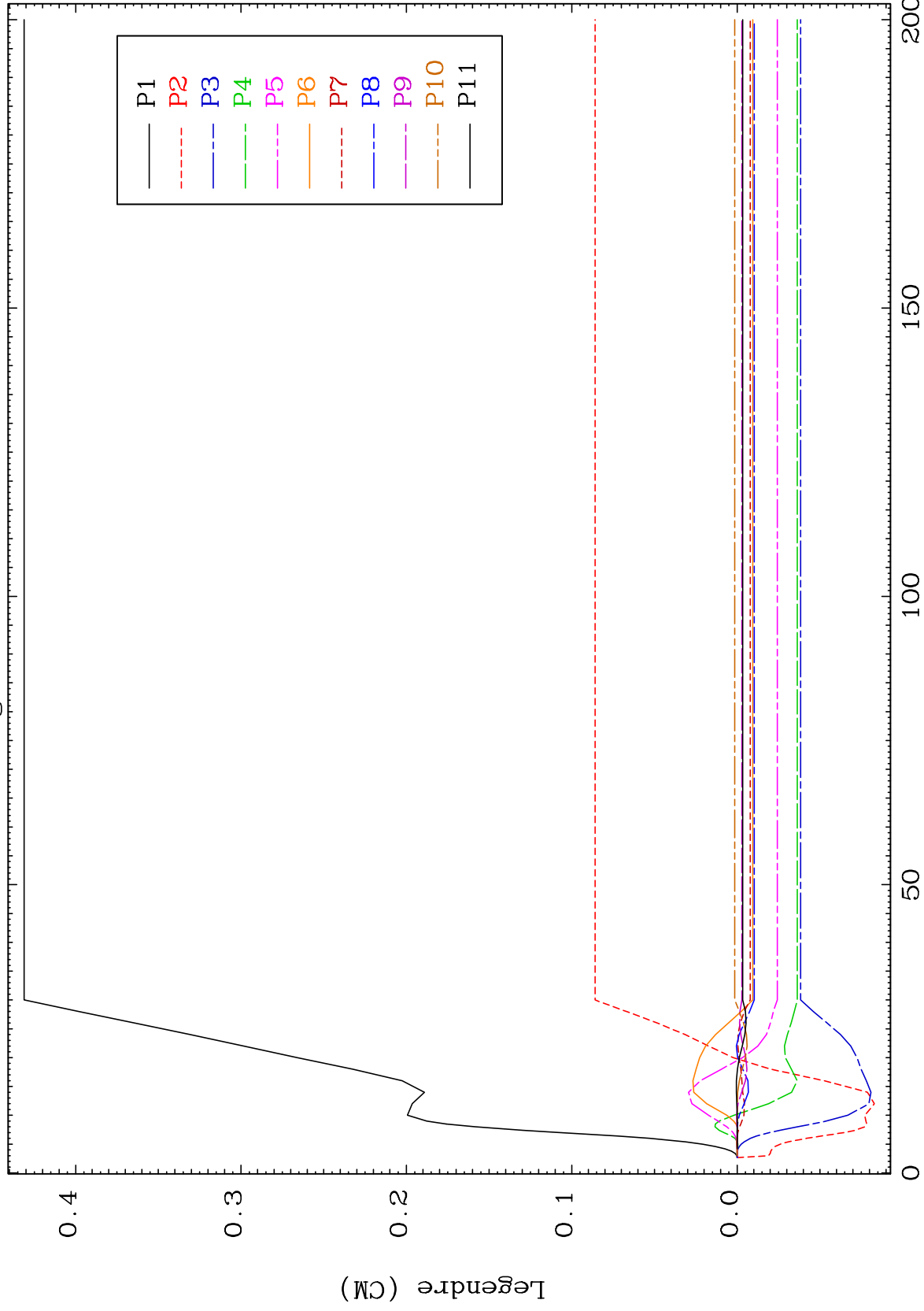
31-Ga-76



MAT 3146

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

³¹Ga-76



75

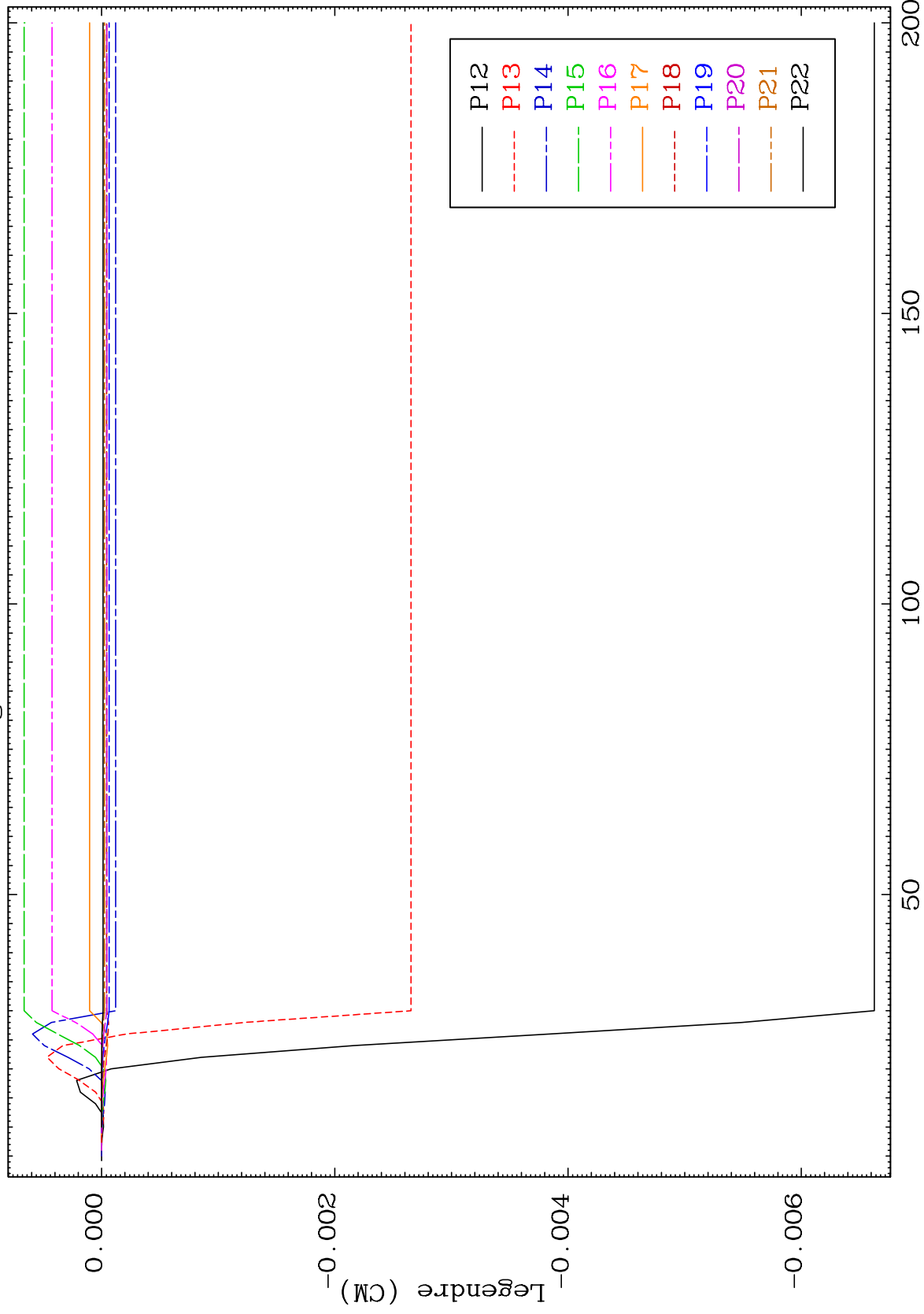
Incident Energy (MeV)

³¹Ga-76

MAT 3146

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

31-Ga-76



76

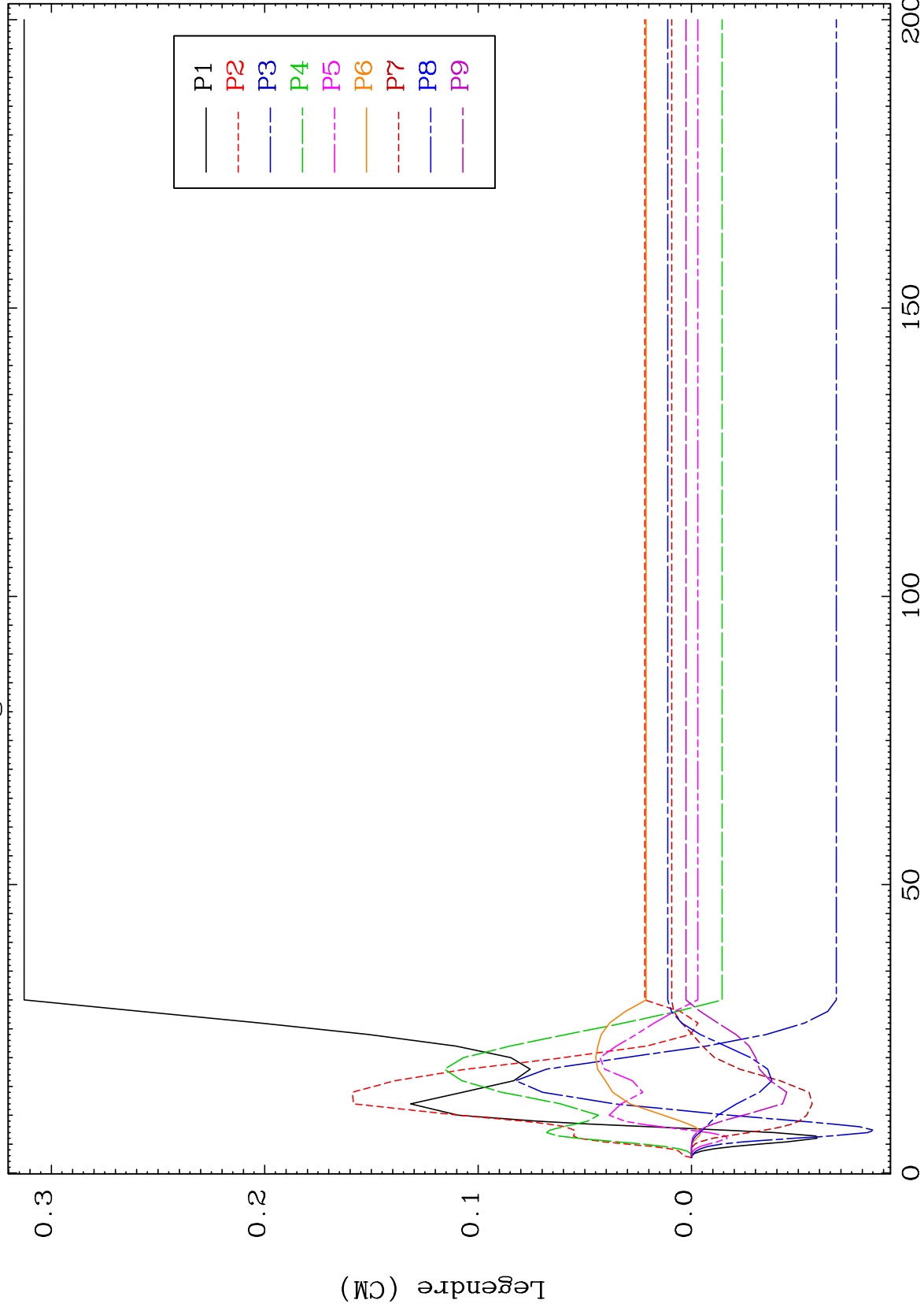
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

31-Ga-76



78

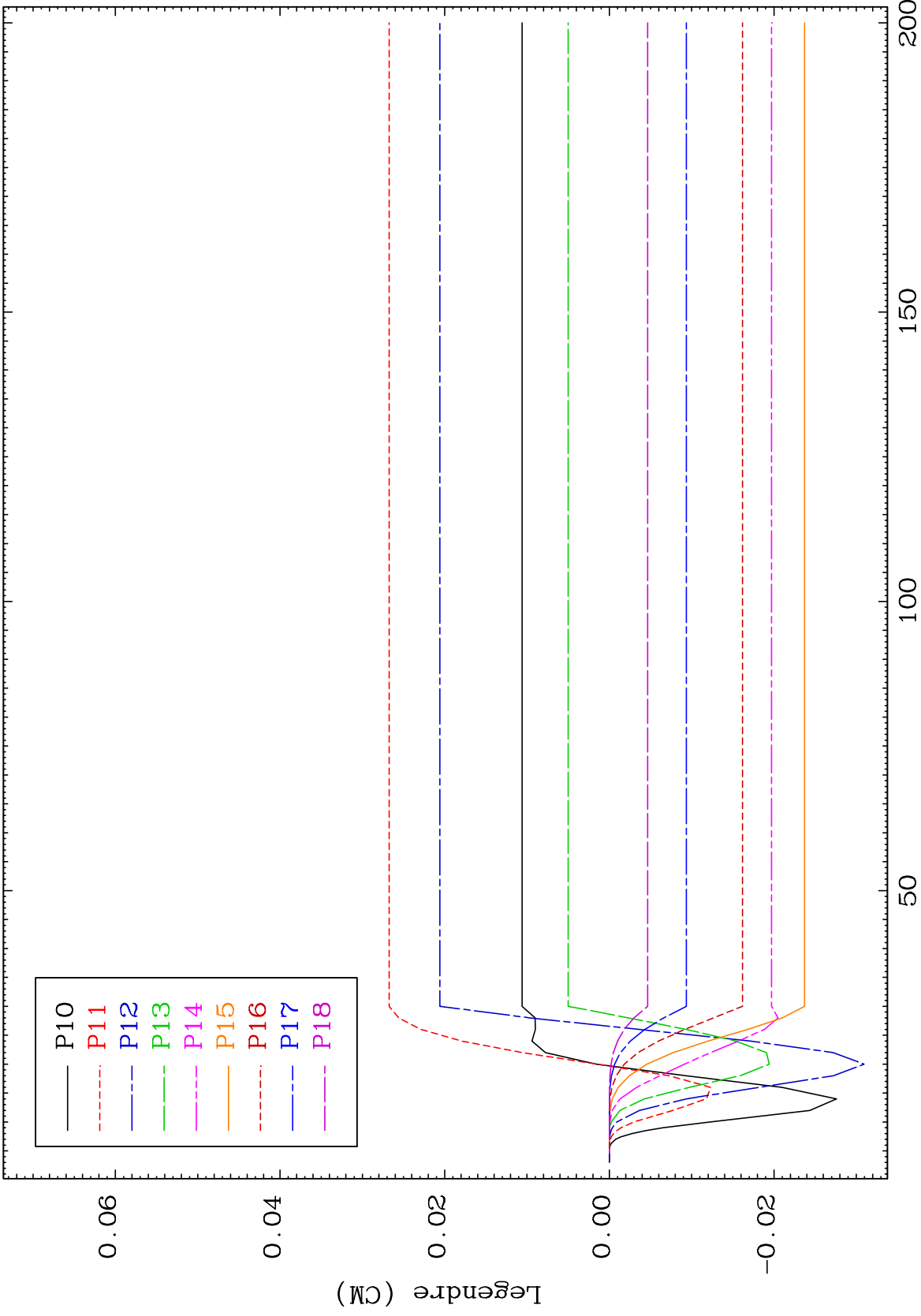
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

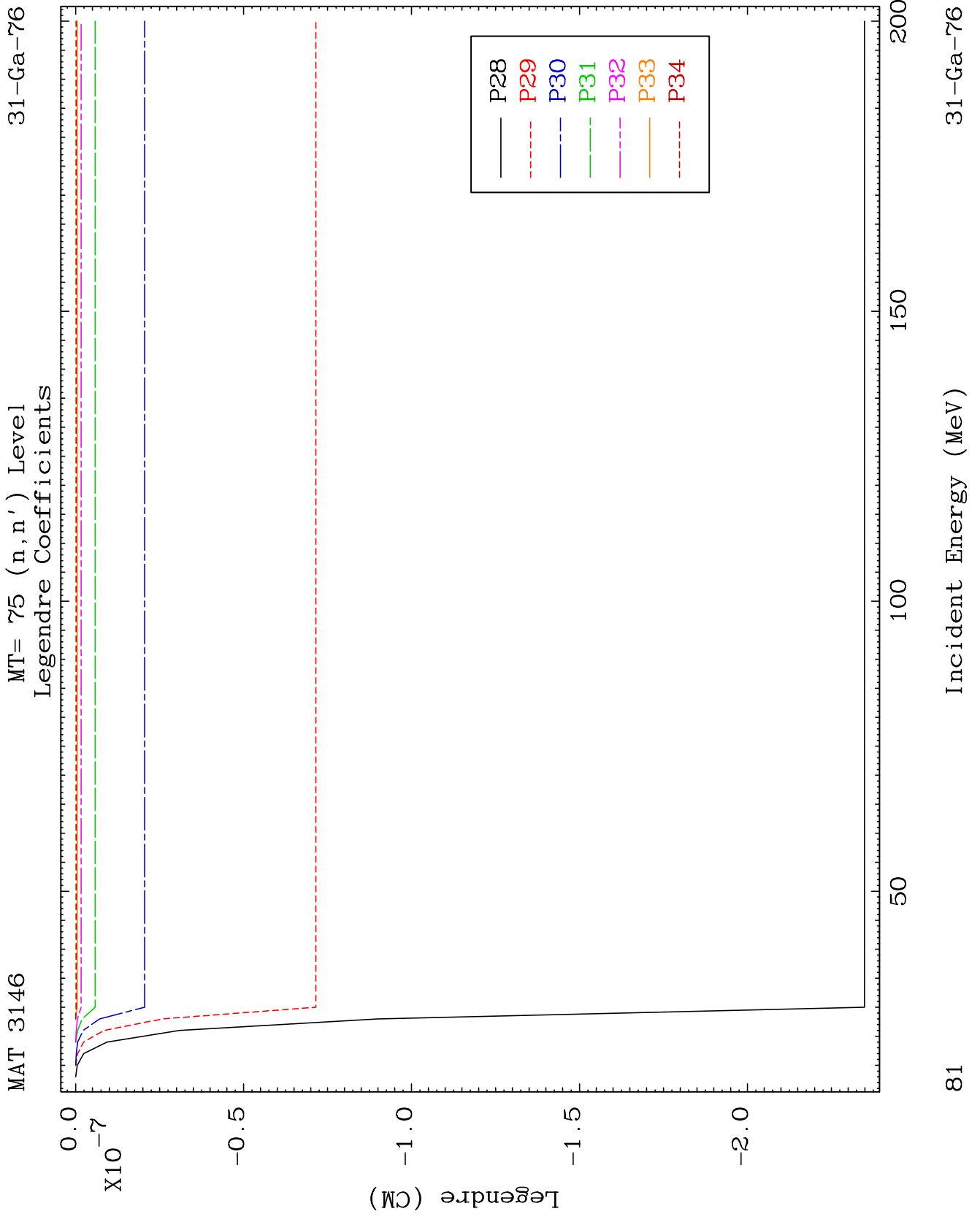
31-Ga-76



79

Incident Energy (MeV)

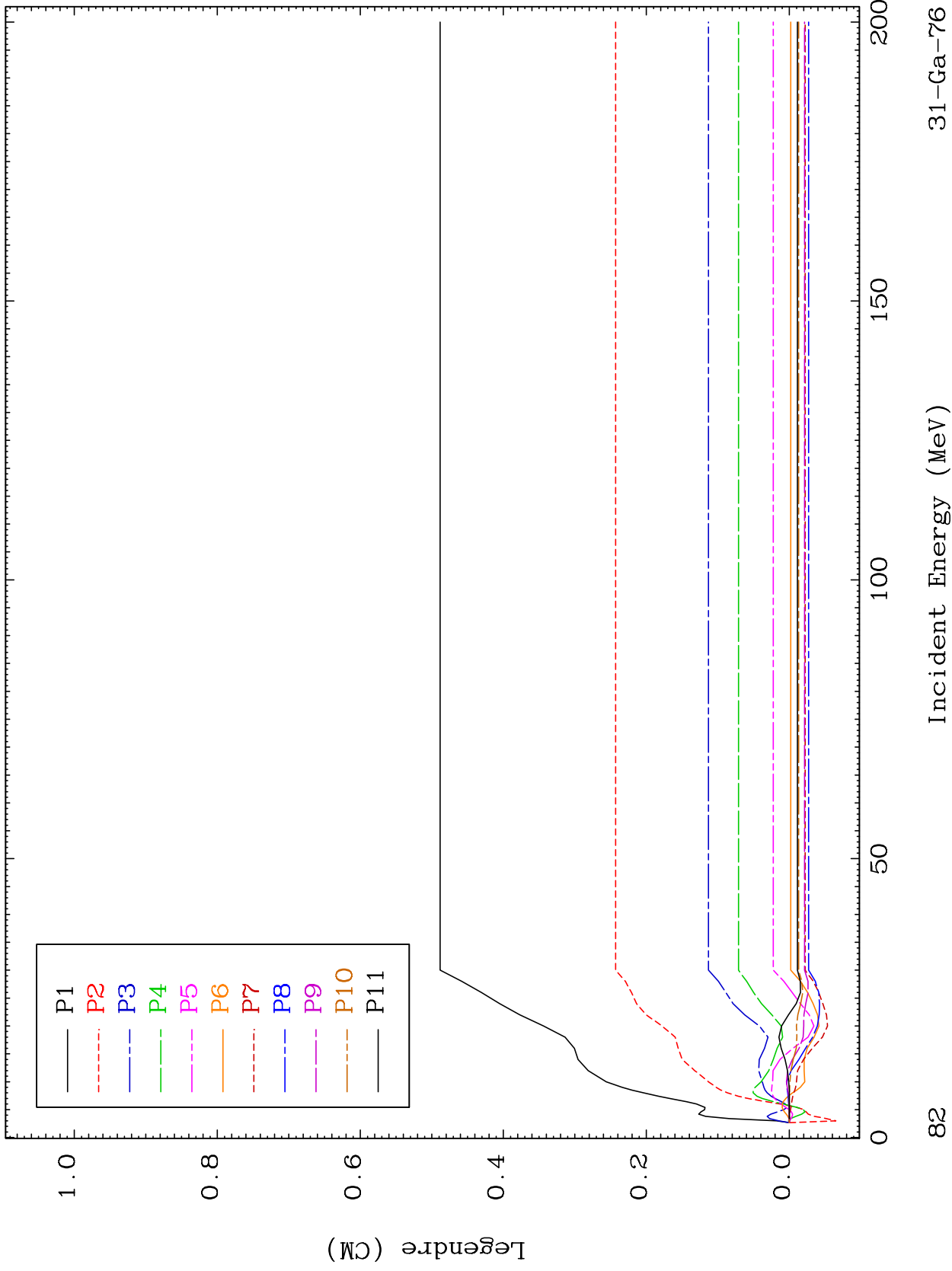
31-Ga-76



MAT 3146

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

31-Ga-76

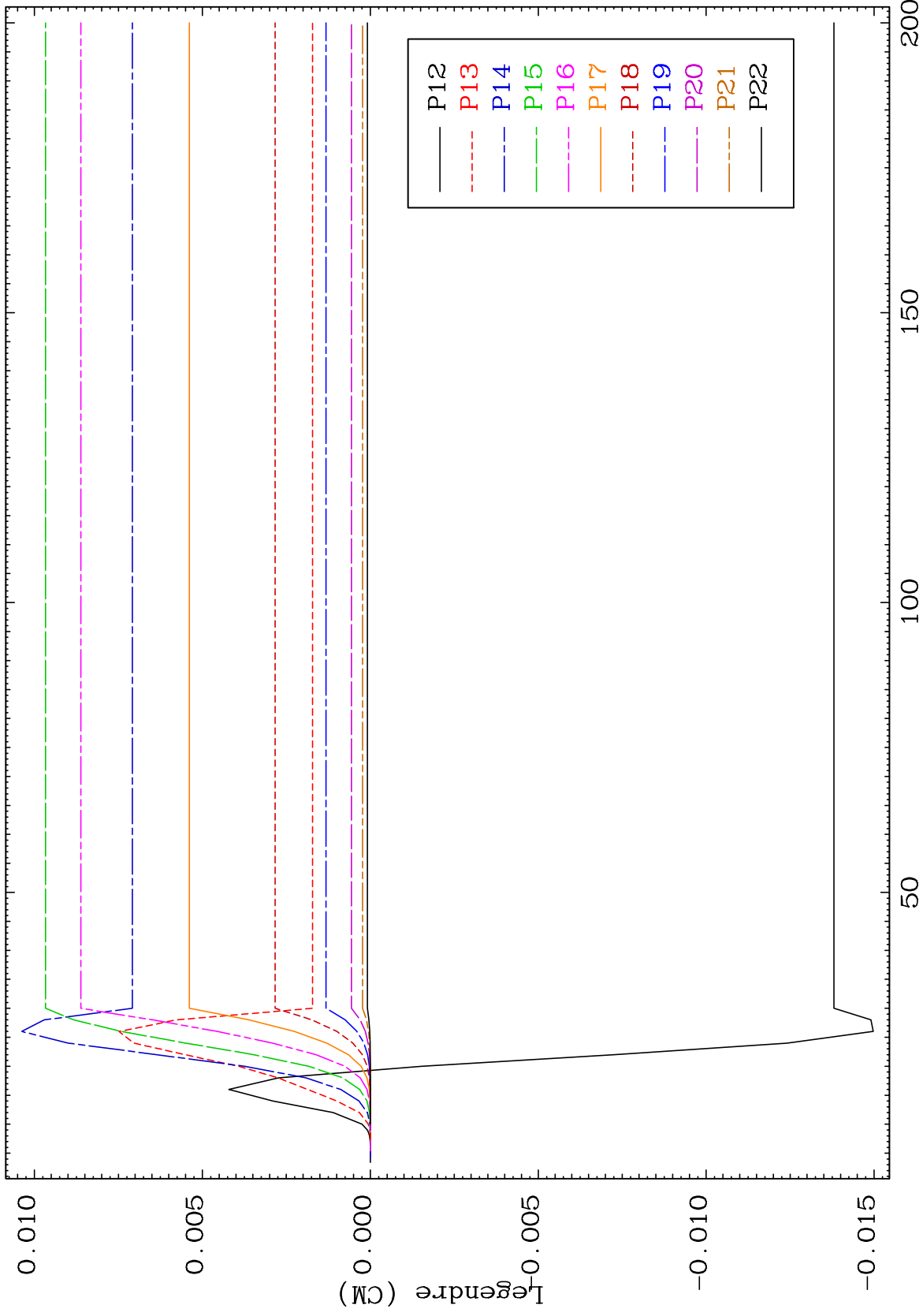


82

MAT 3146

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

31-Ga-76



83

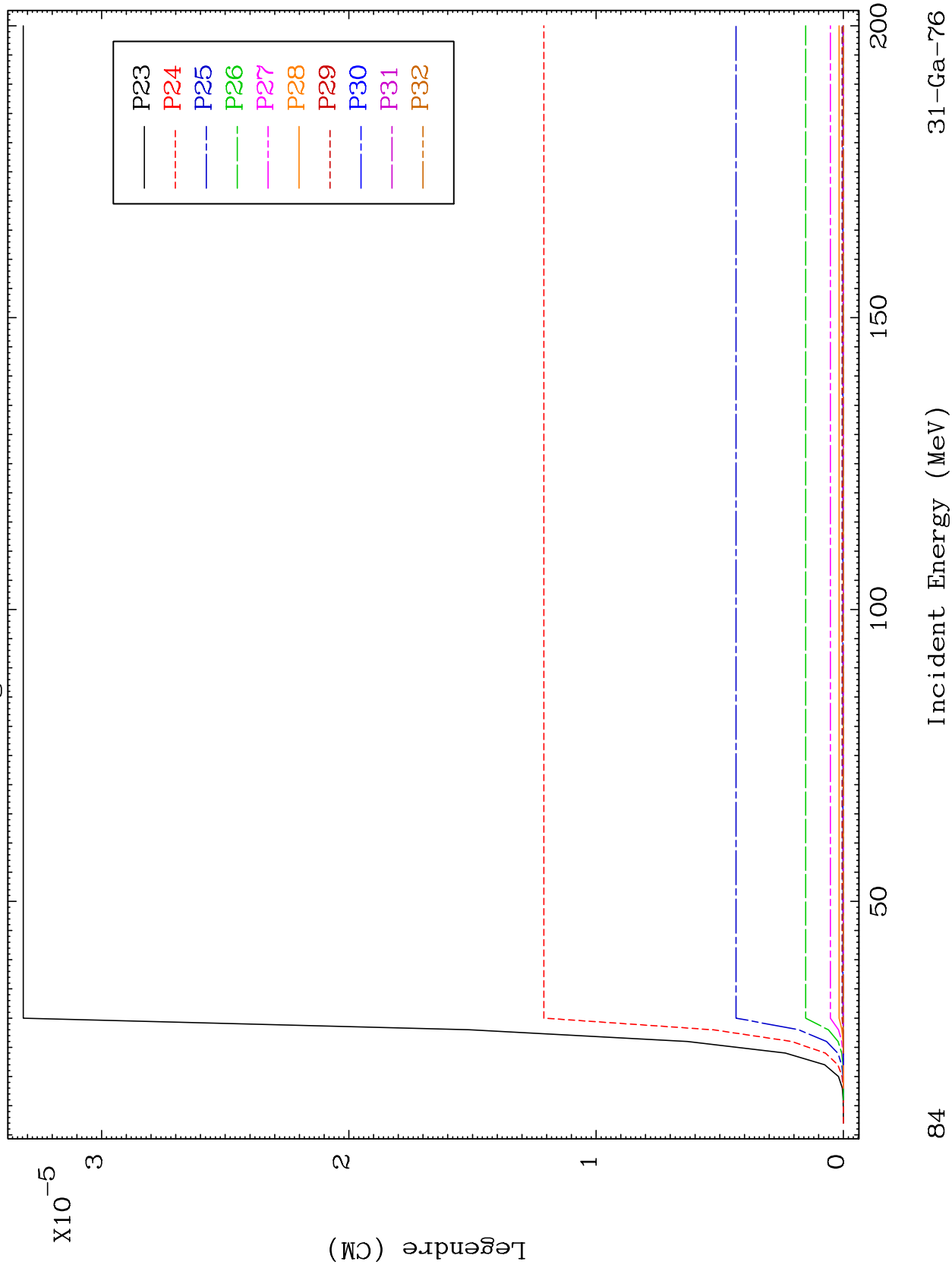
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

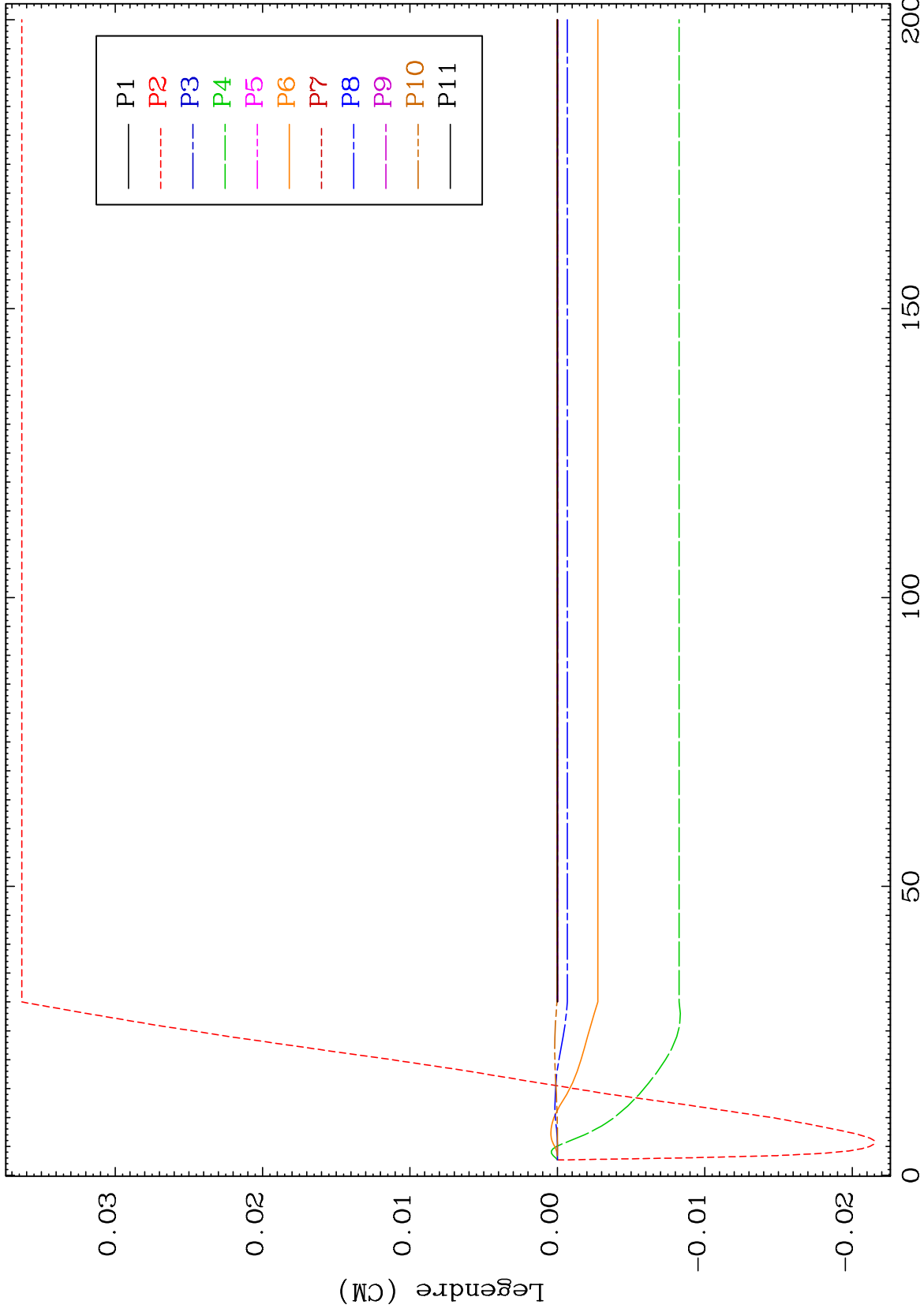
31-Ga-76



MAT 3146

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

31-Ga-76



31-Ga-76

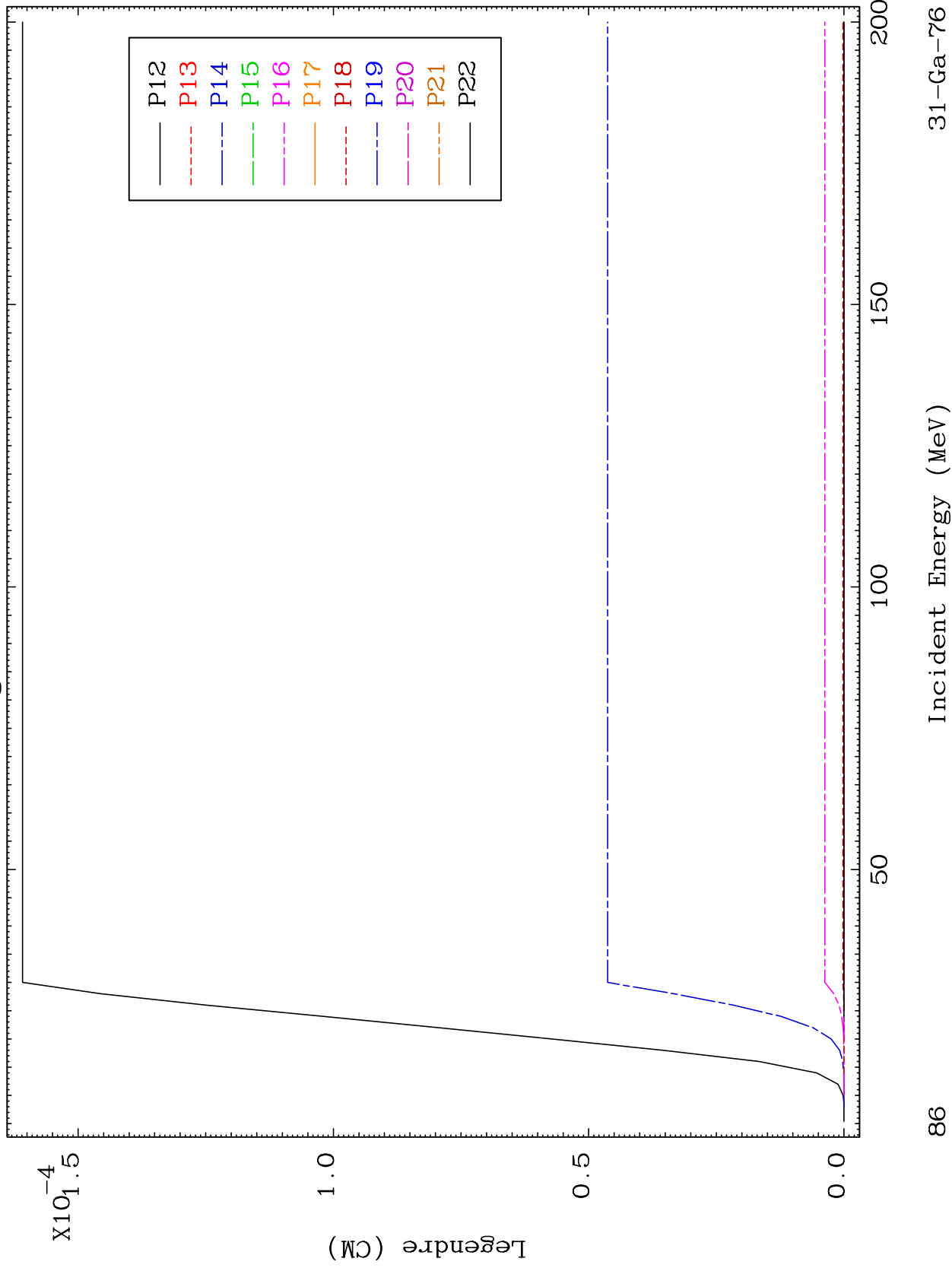
Incident Energy (MeV)

85

MAT 3146

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

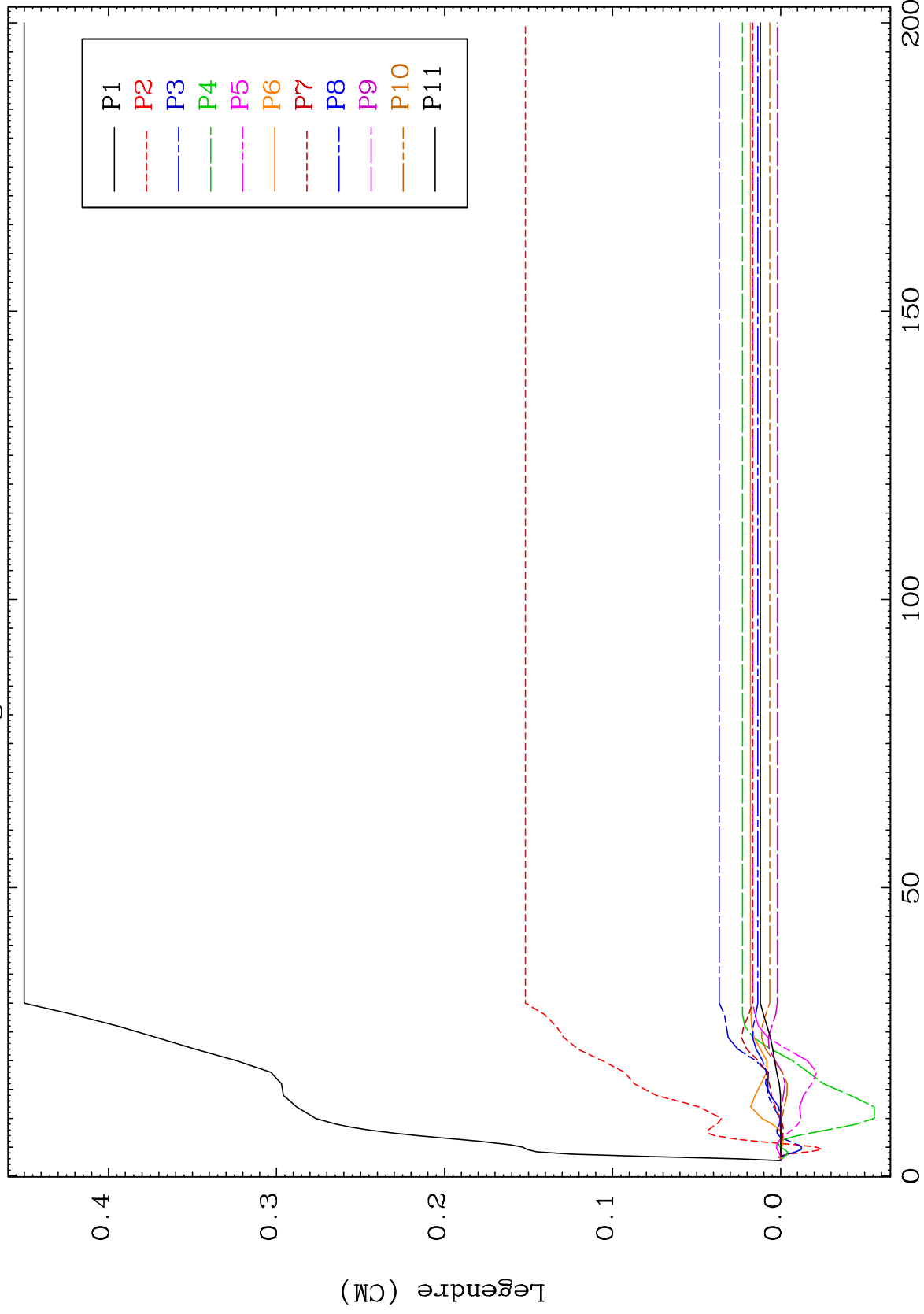
31-Ga-76



MAT 3146

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

31-Ga-76



87

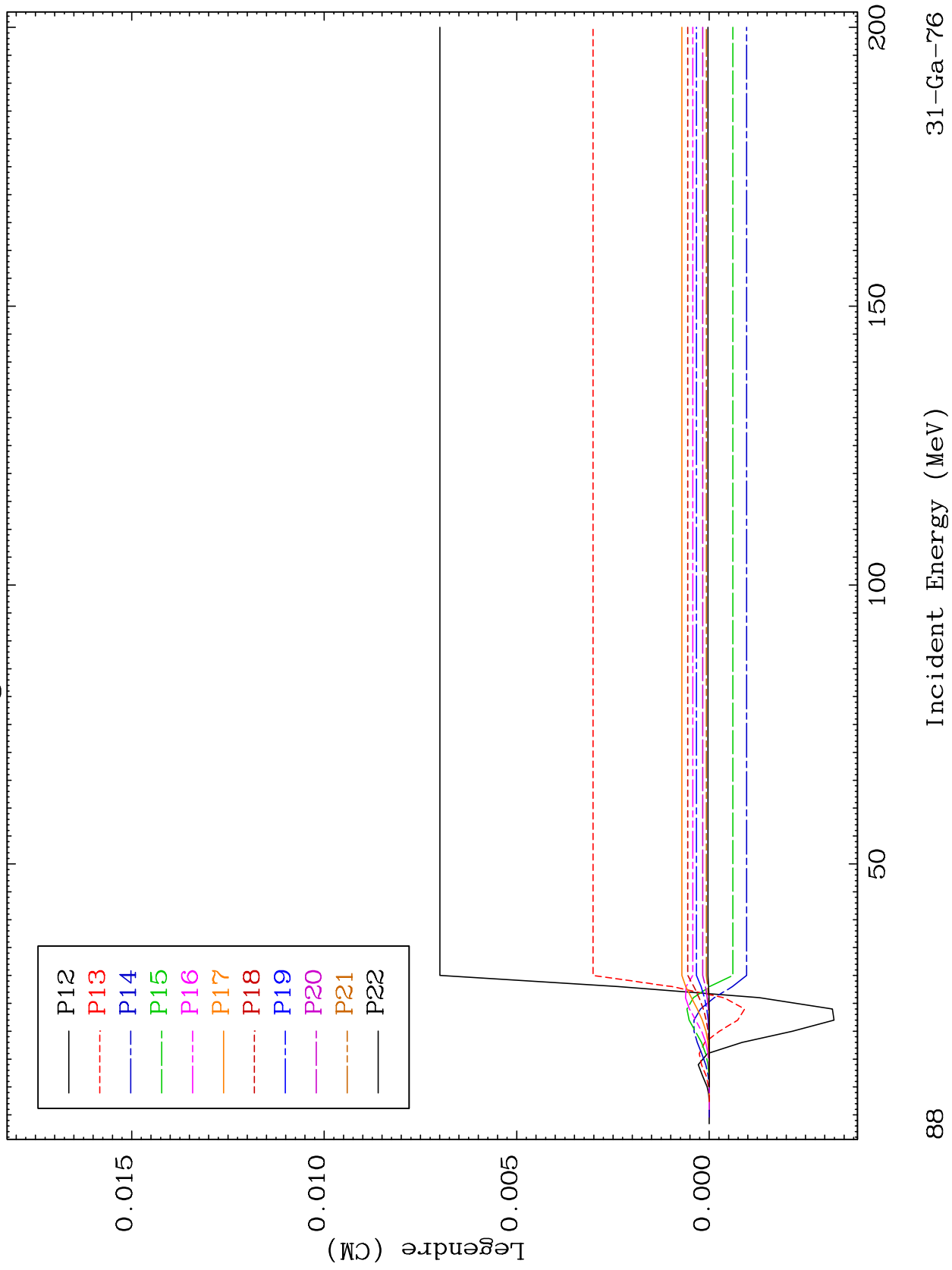
31-Ga-76

31-Ga-76

MAT 3146

31-Ga-76

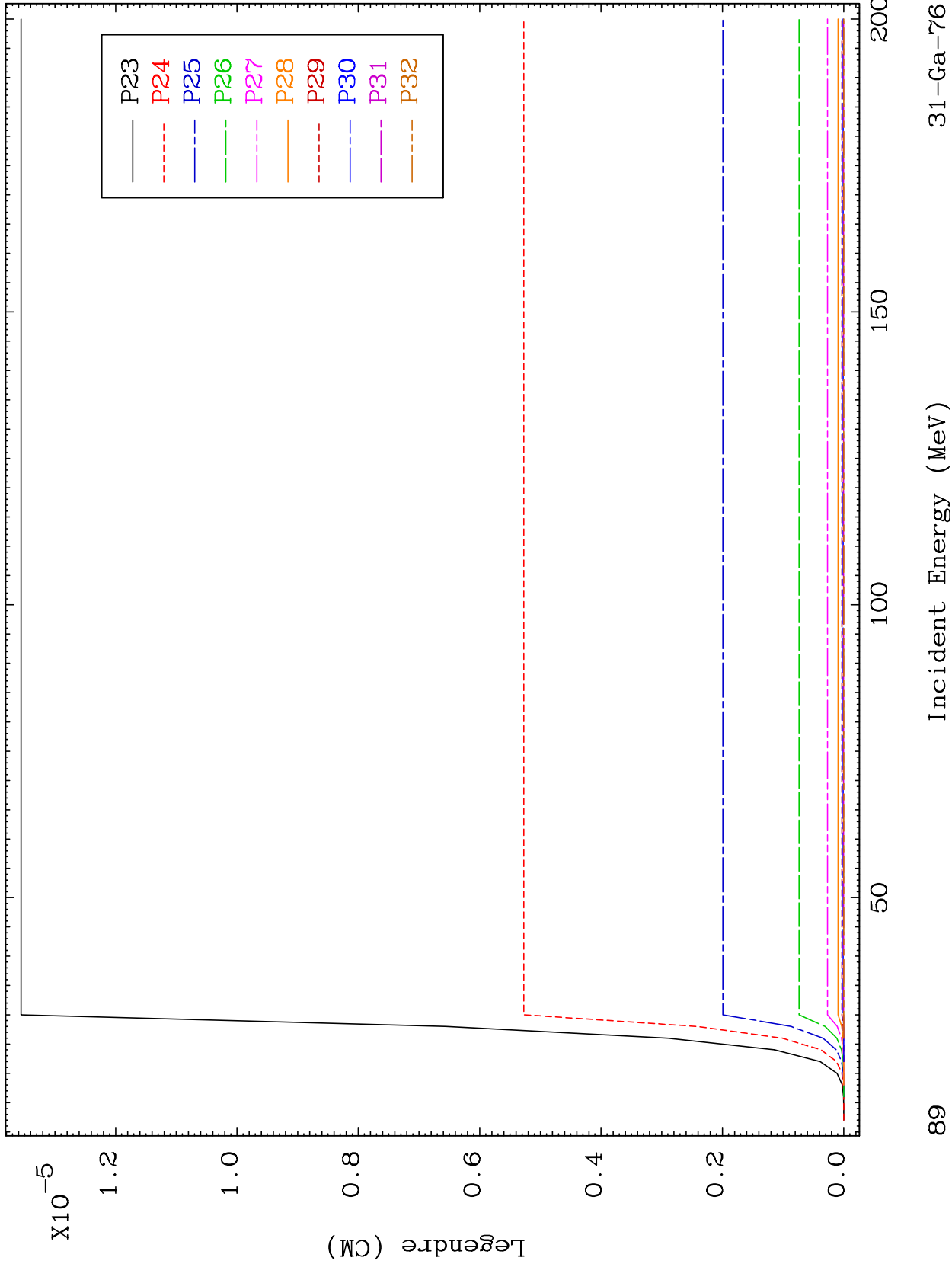
MT= 78 (n,n') Level
Legendre Coefficients



MAT 3146

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

31-Ga-76



89

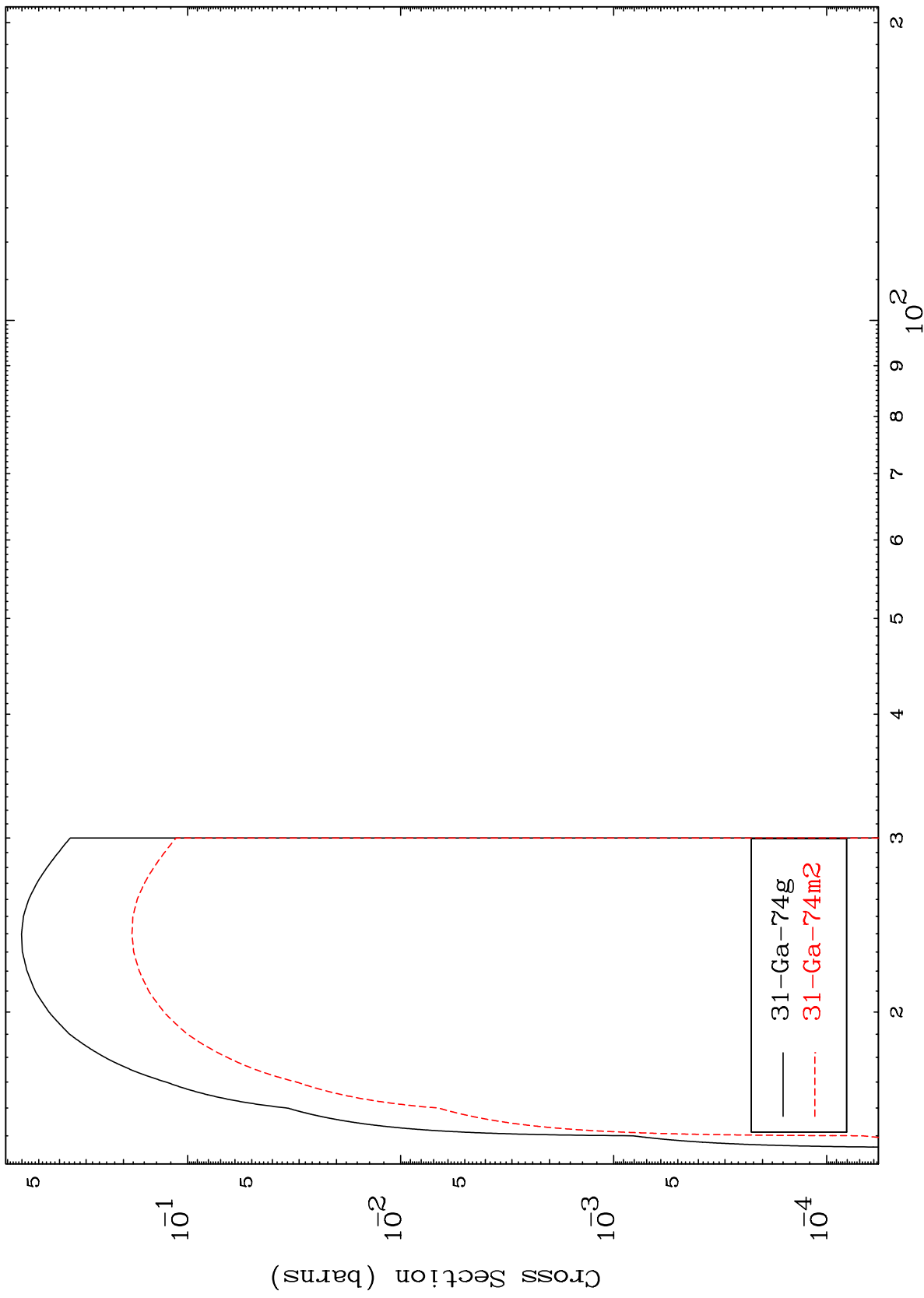
Incident Energy (MeV)

31-Ga-76

MAT 3146

31-Ga-76

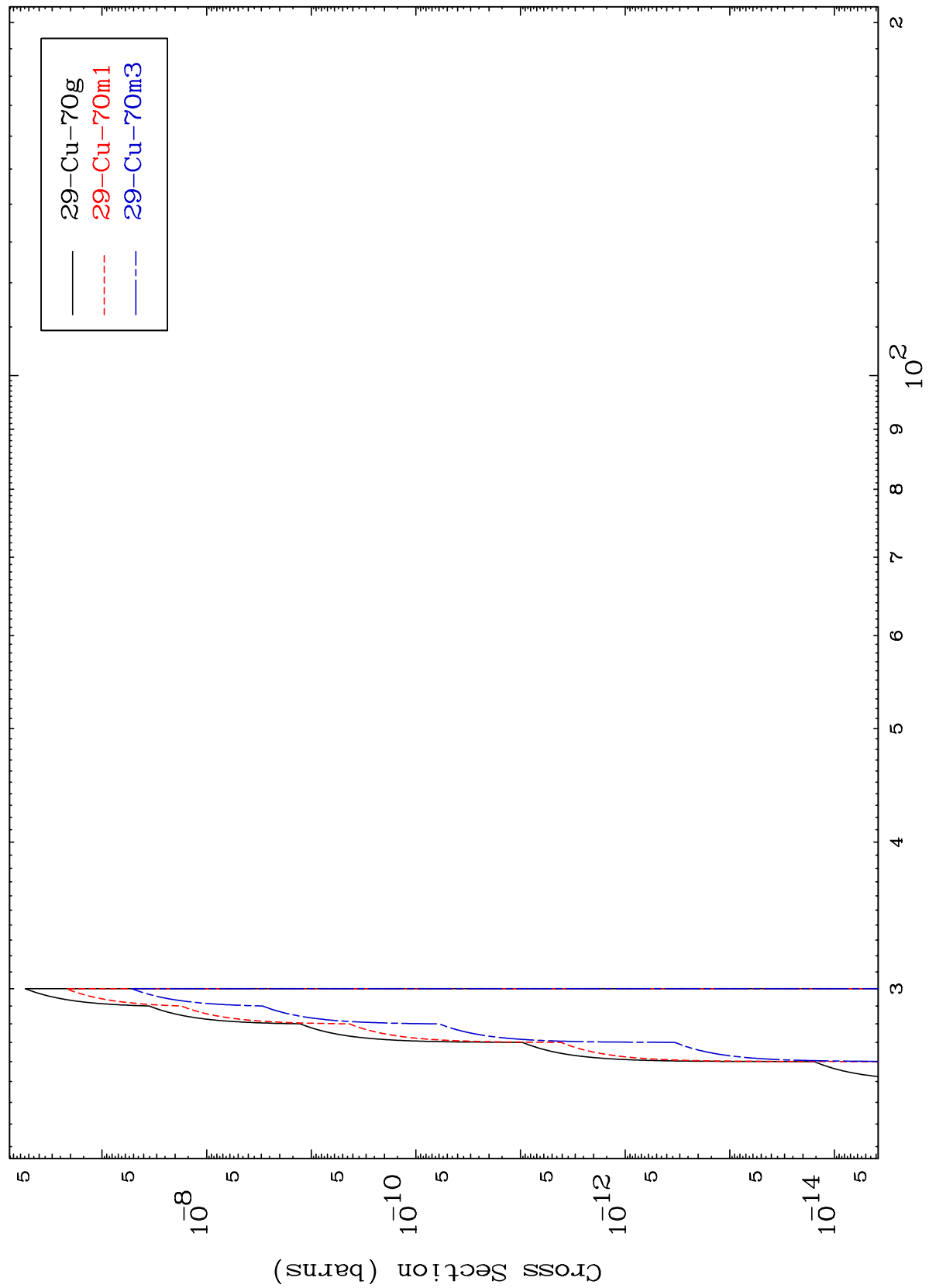
(n,3n)
Radionuclide Production Cross Section



90

31-Ga-76

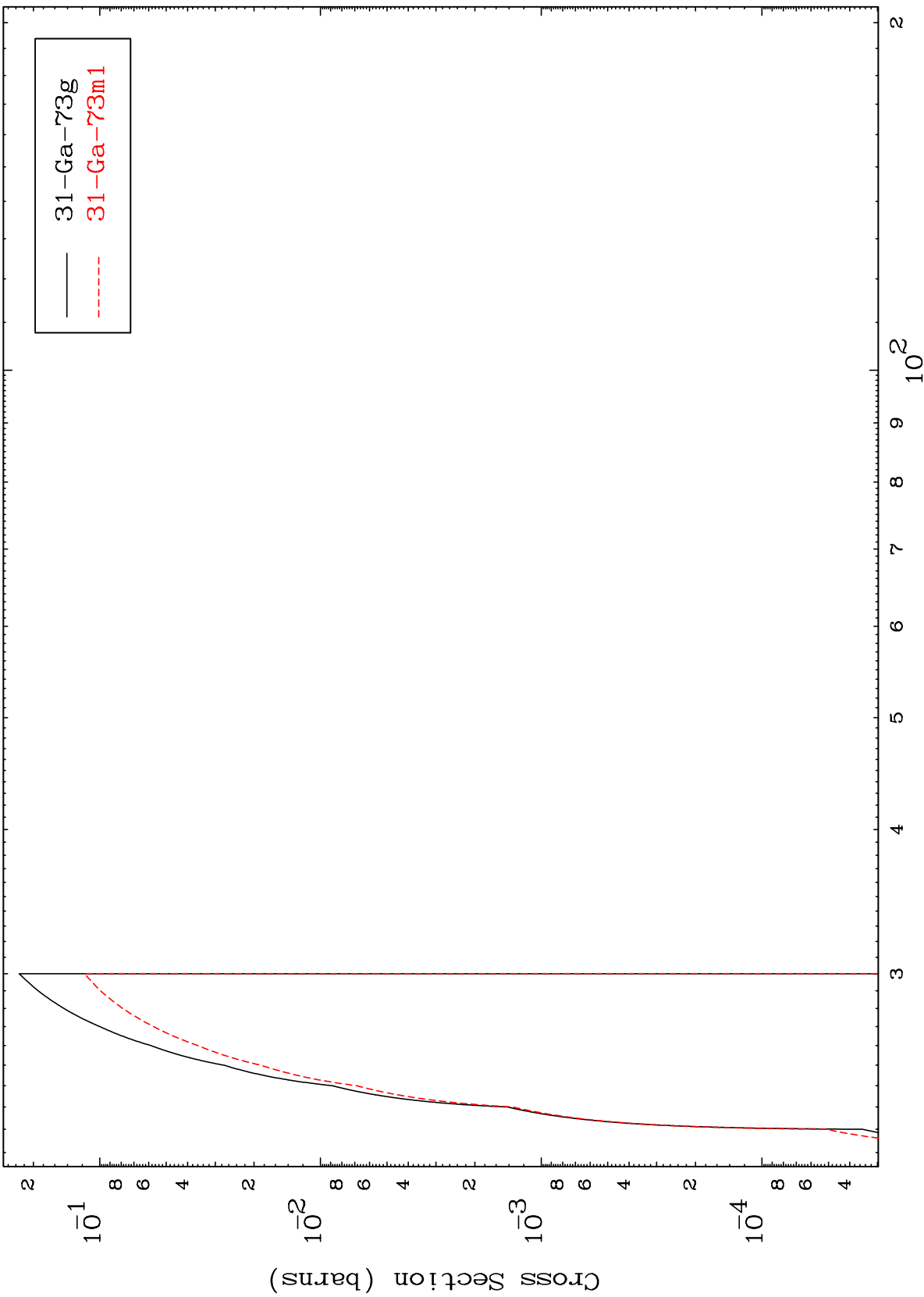
Radionuclide Production Cross Section



MAT 3146

³¹Ga-76

(n,4n)
Radionuclide Production Cross Section



92

³¹Ga-76

Incident Energy (MeV)