

Program EVALPLOT
(Version 2021-1)

by

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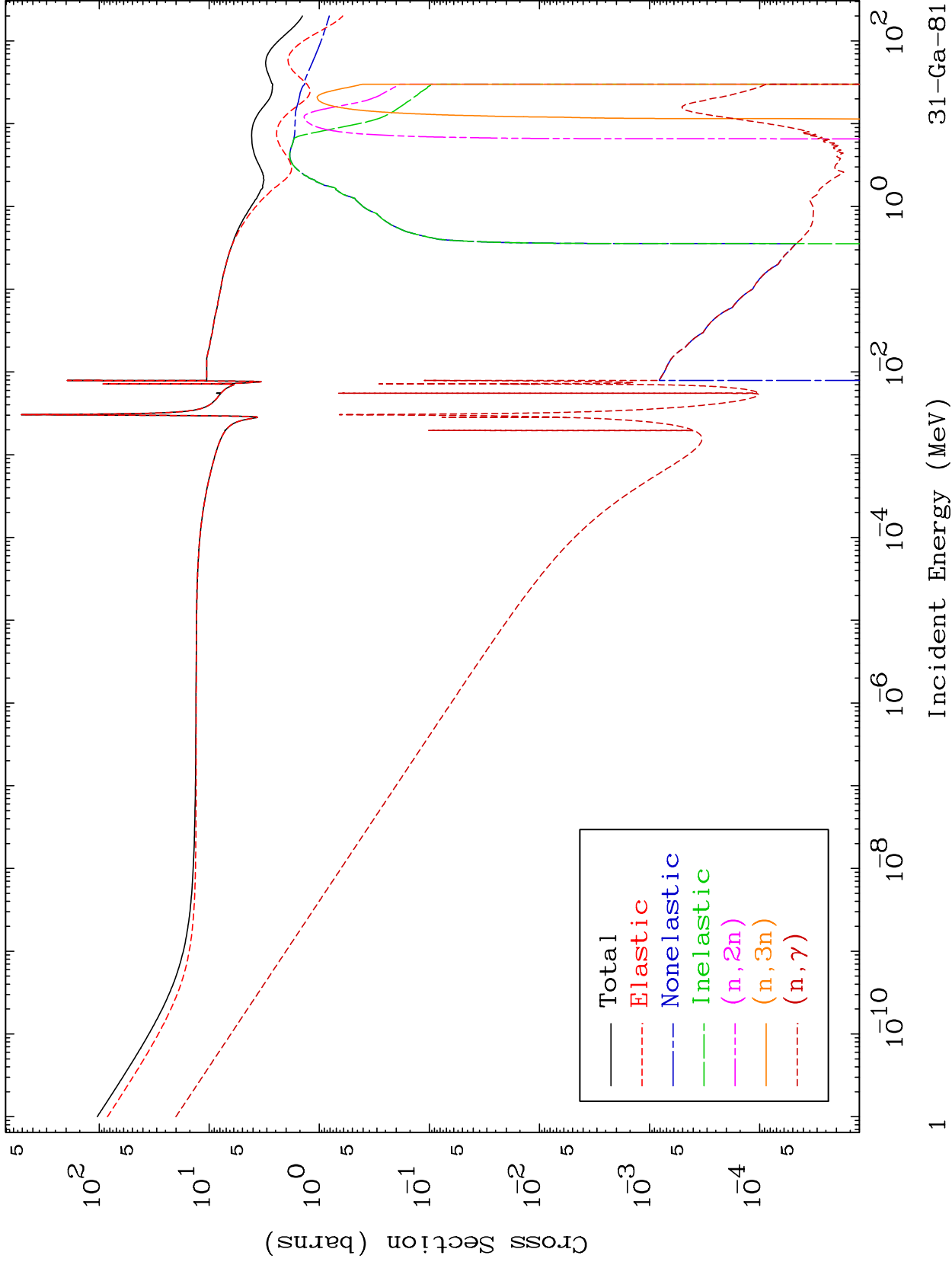
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Press Mouse Button to Start

MAT 3161

Neutron Major
293 Kelvin Cross Sections

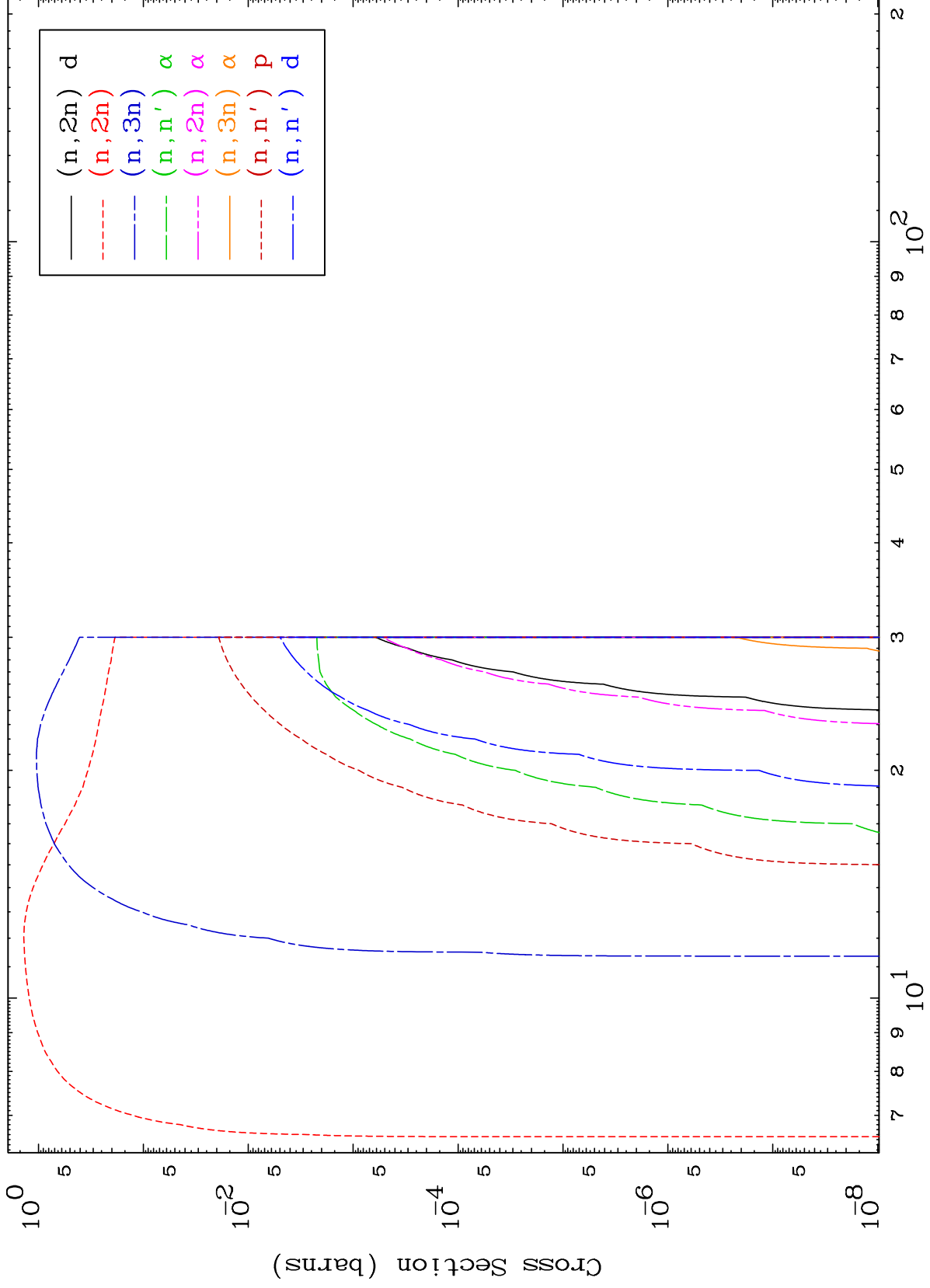
31-Ga-81



MAT 3161

Neutron Absorption
293 Kelvin Cross Sections

31-Ga-81



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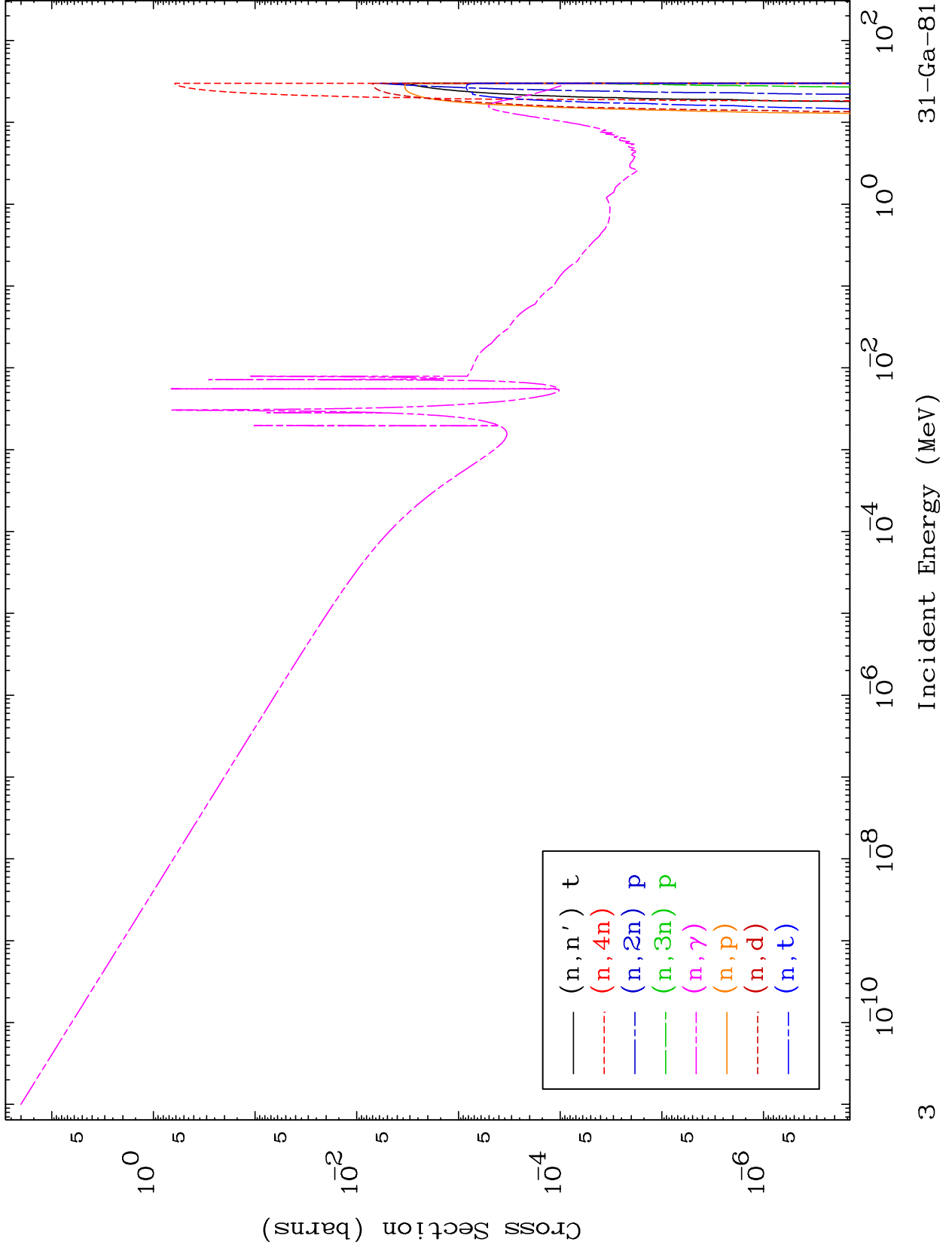
Incident Energy (MeV)

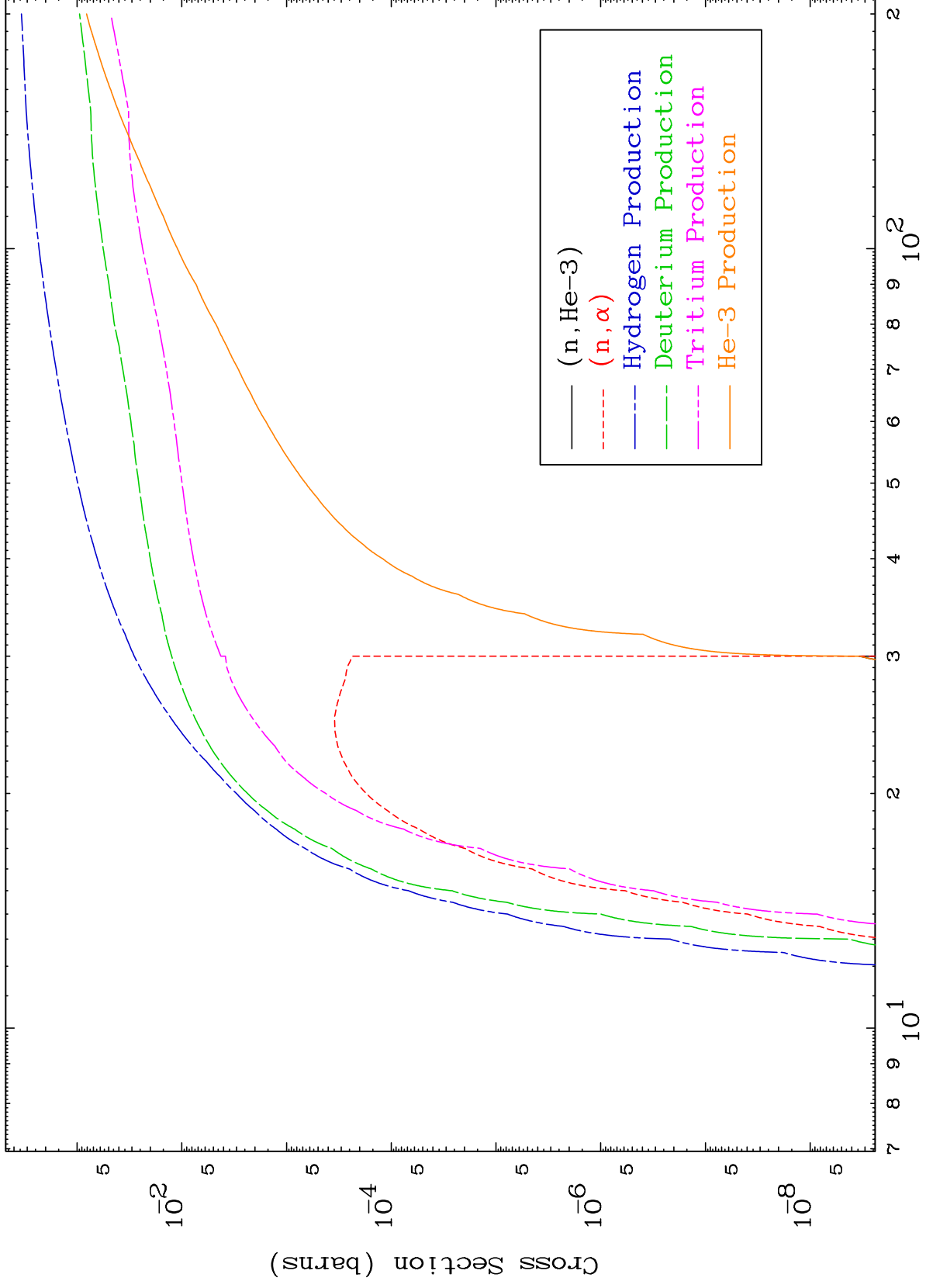
31-Ga-81

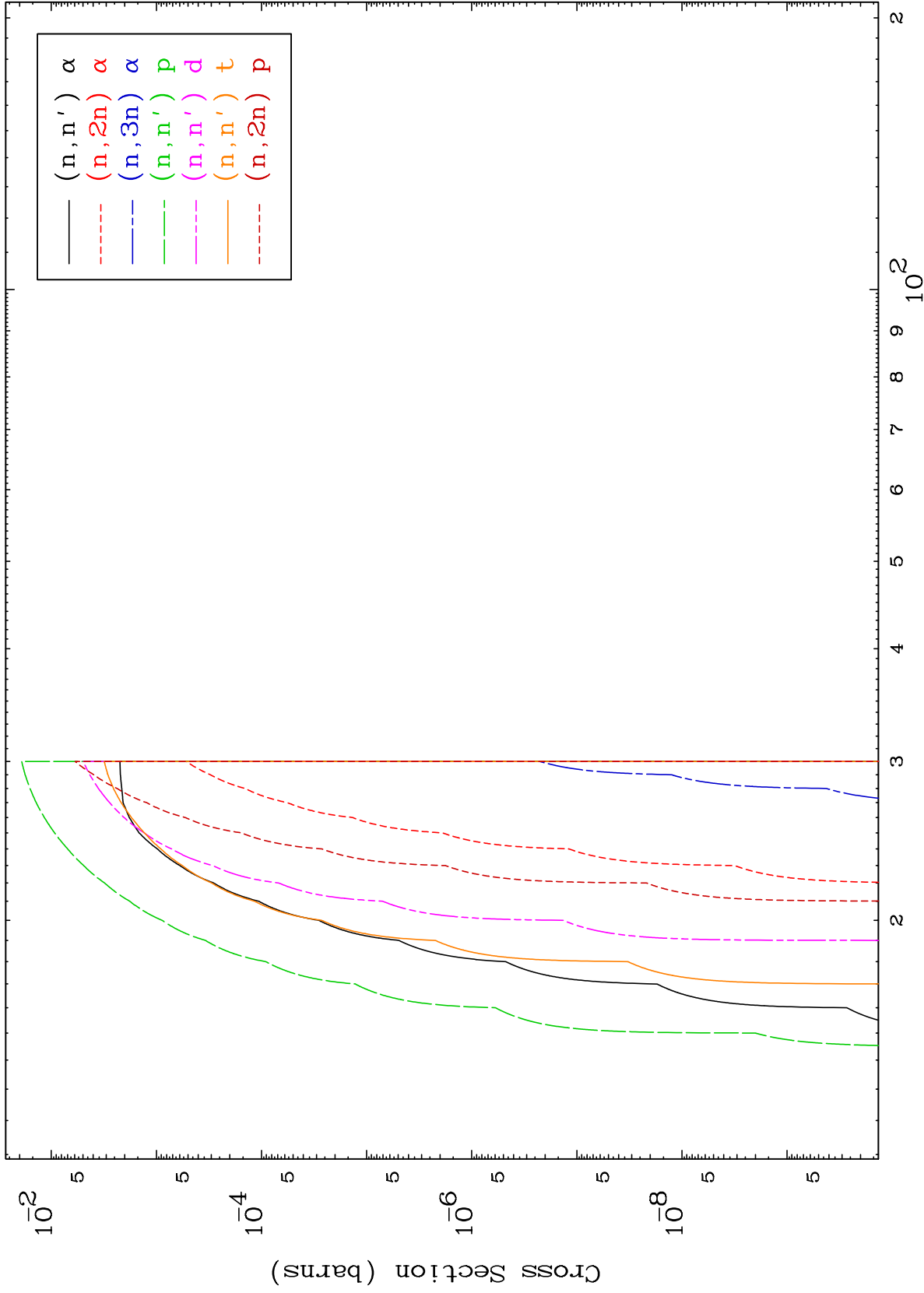
MAT 3161

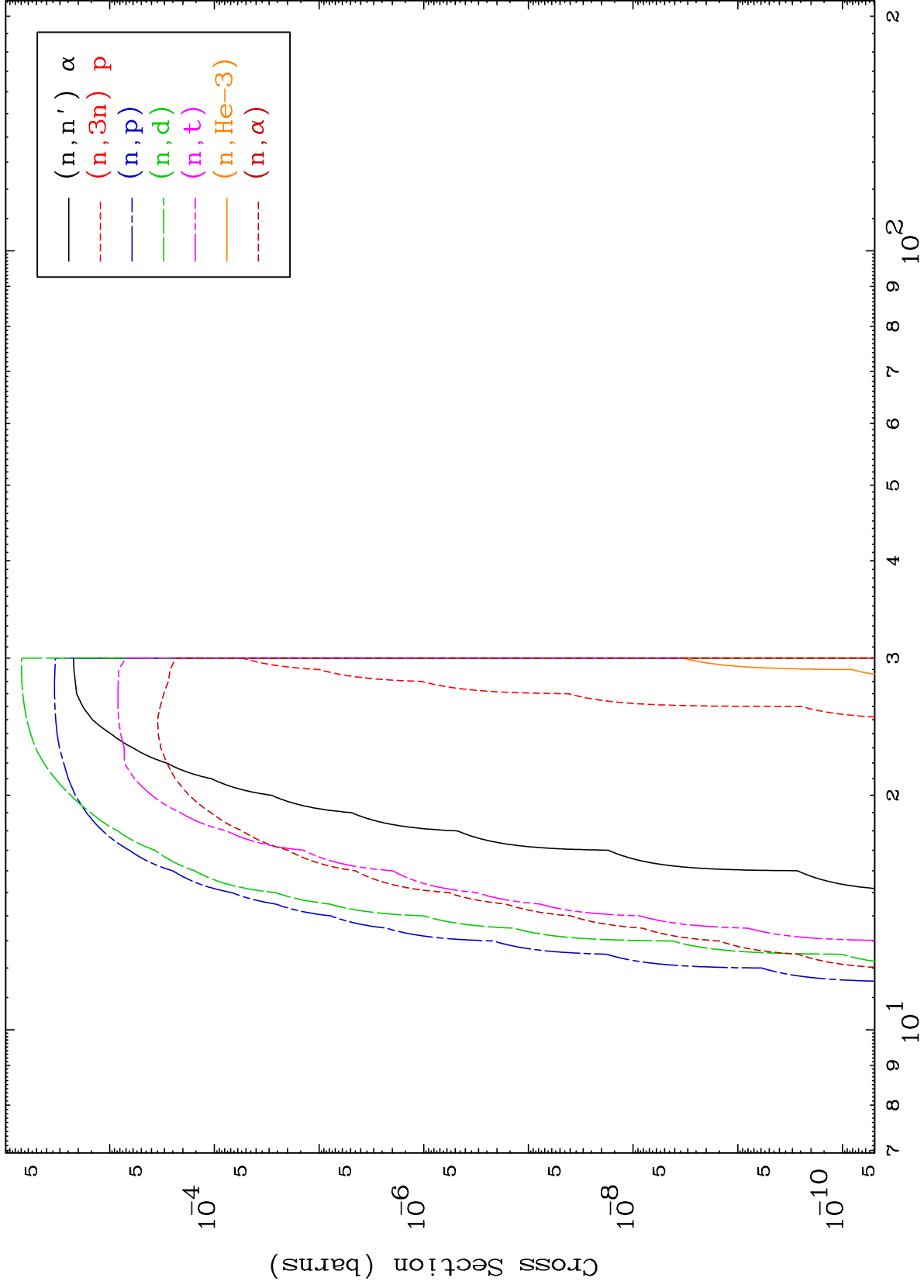
Neutron Absorption
293 Kelvin Cross Sections

31-Ga-81





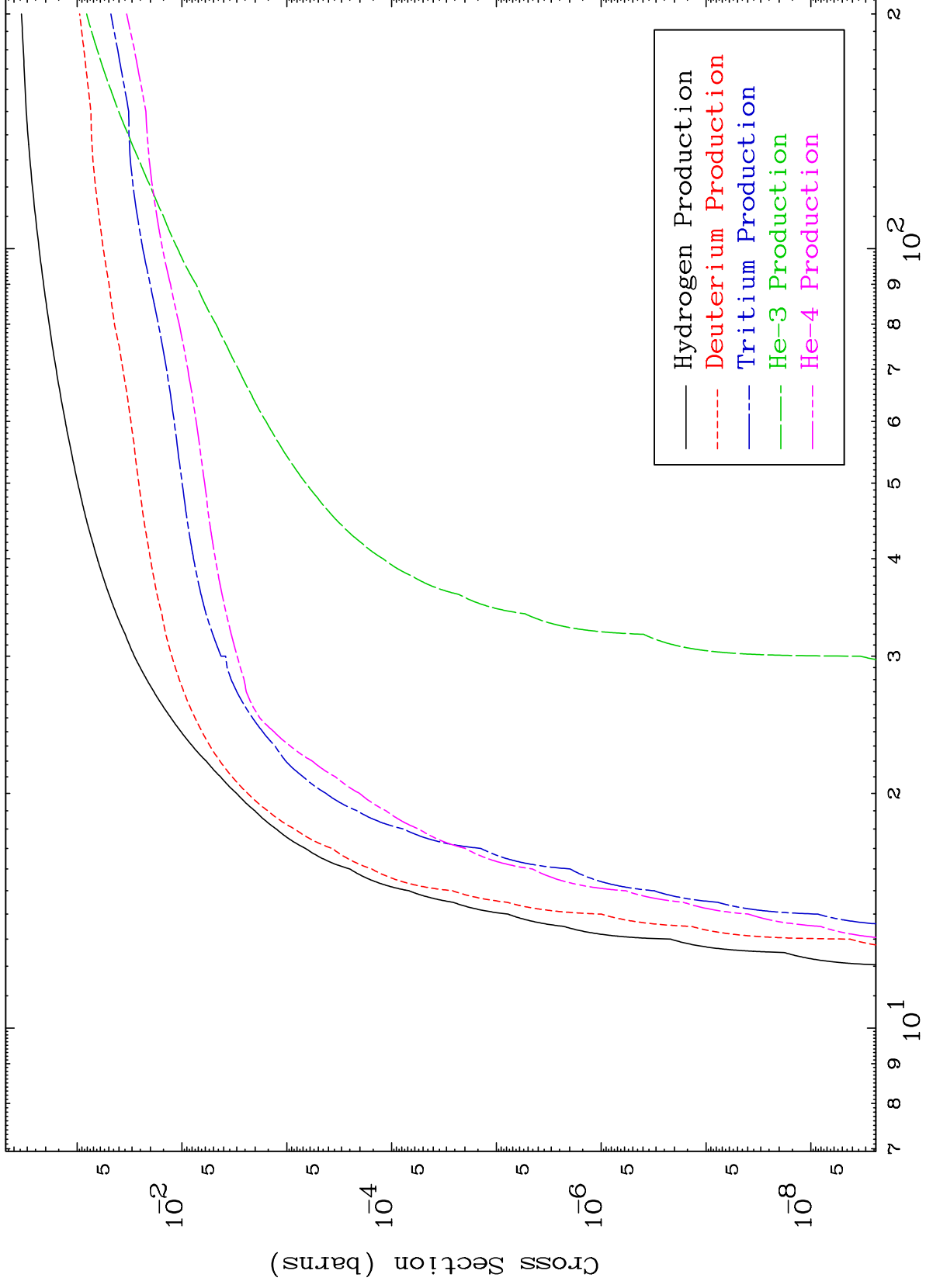




MAT 3161

Particle Production
293 Kelvin Cross Sections

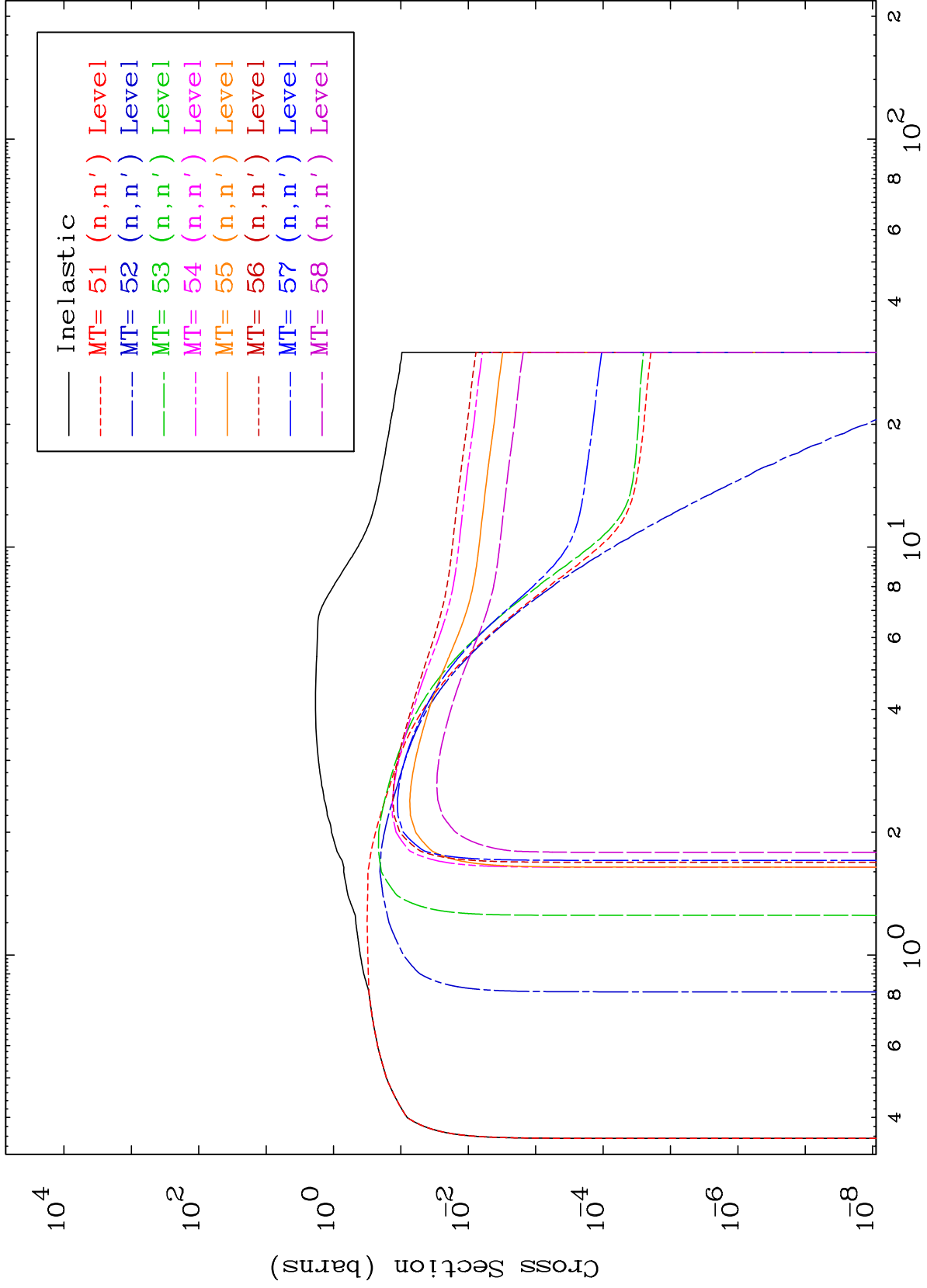
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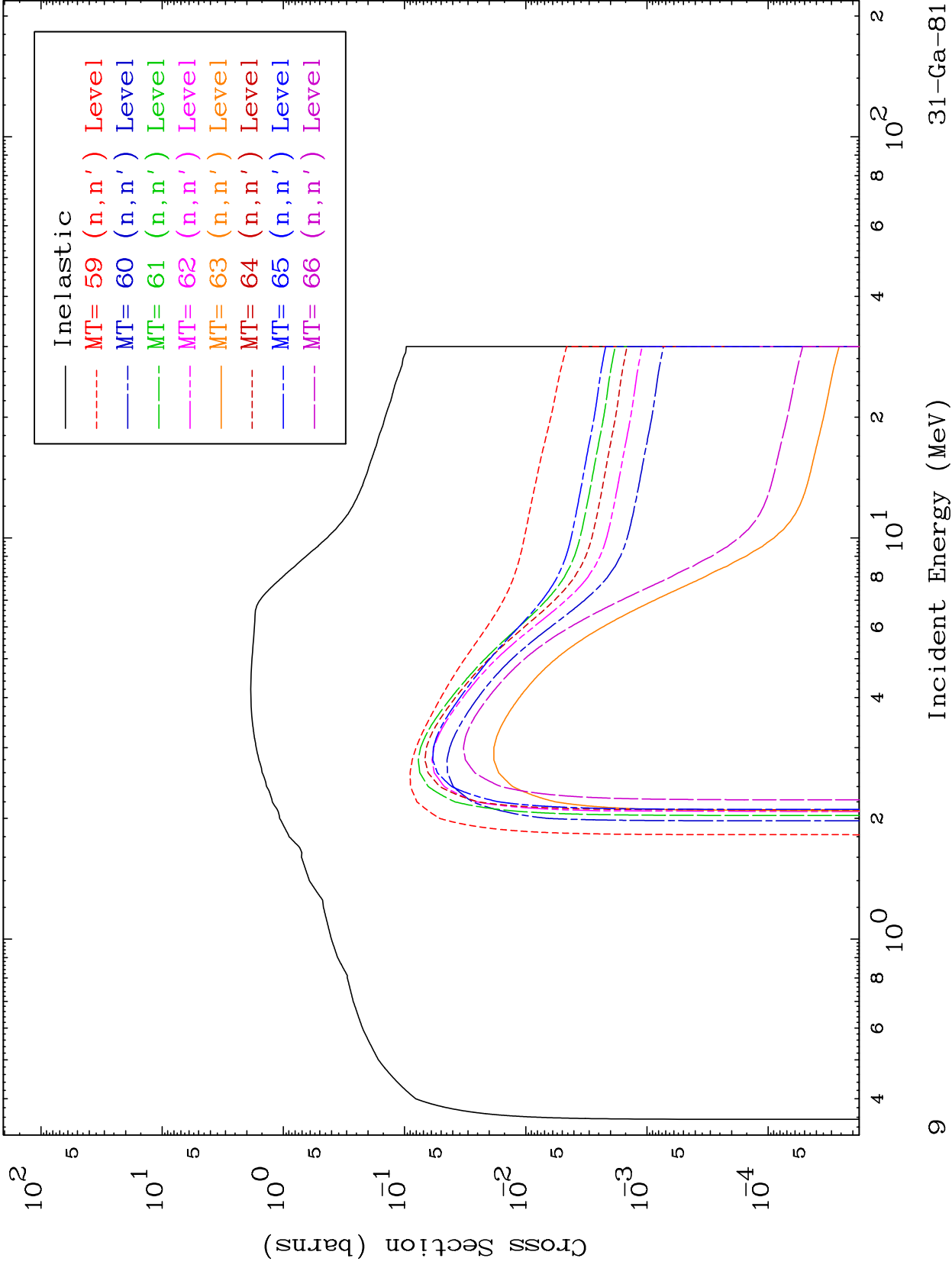


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Incident Energy (MeV)

31-Ga-81



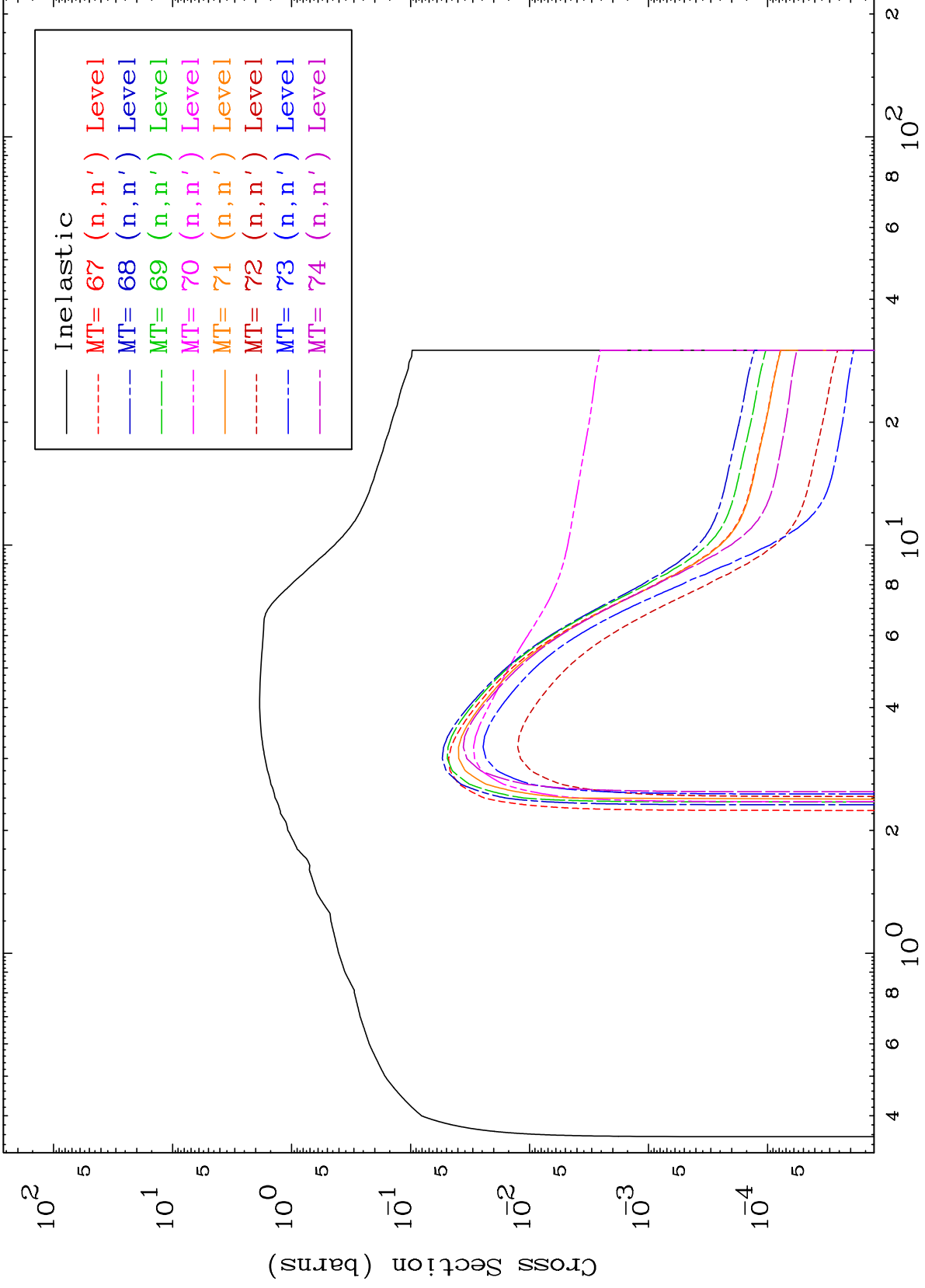


MAT 3161

(n,n') Levels

31-Ga-81

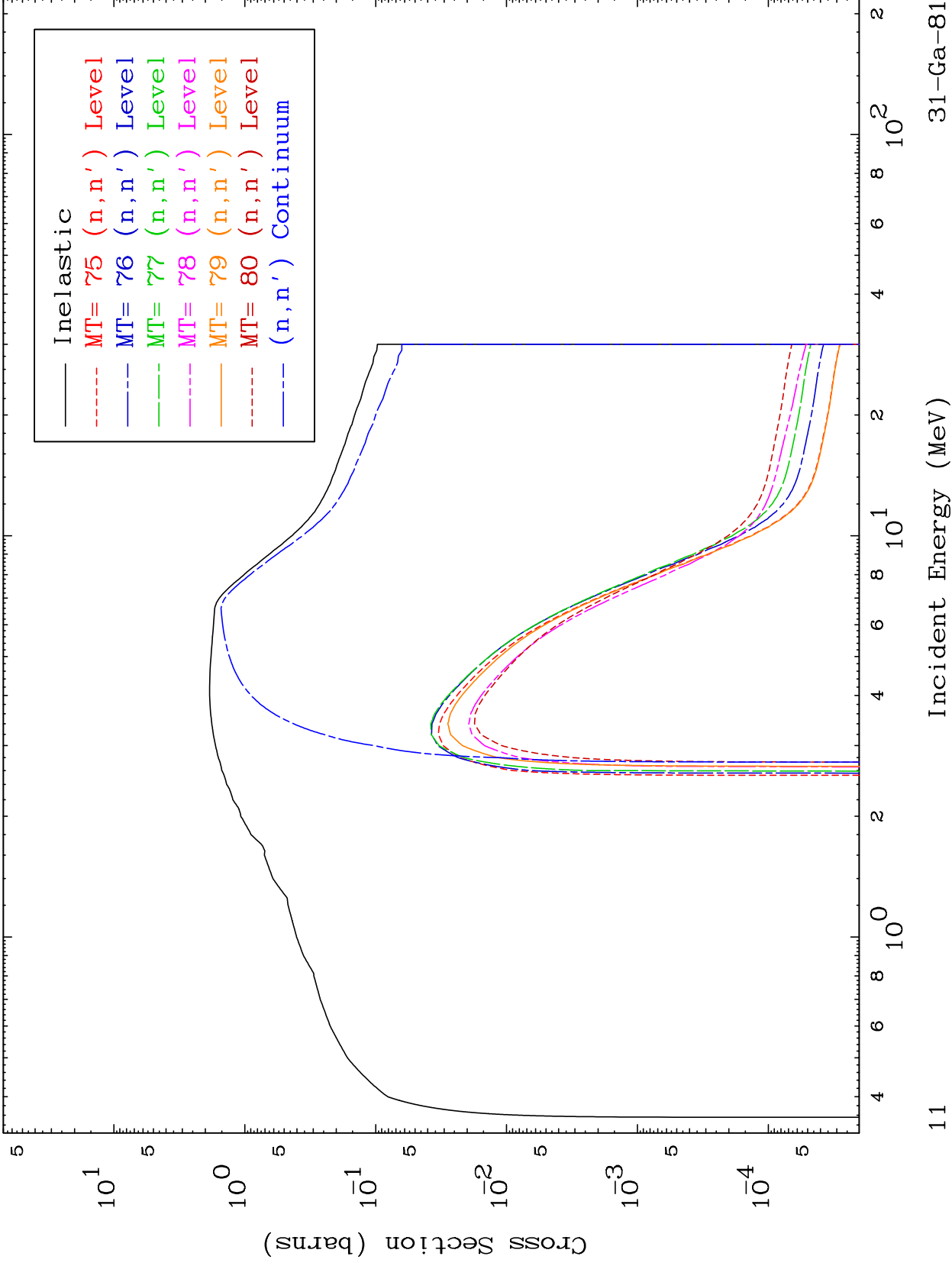
293 Kelvin Cross Sections



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Incident Energy (MeV)

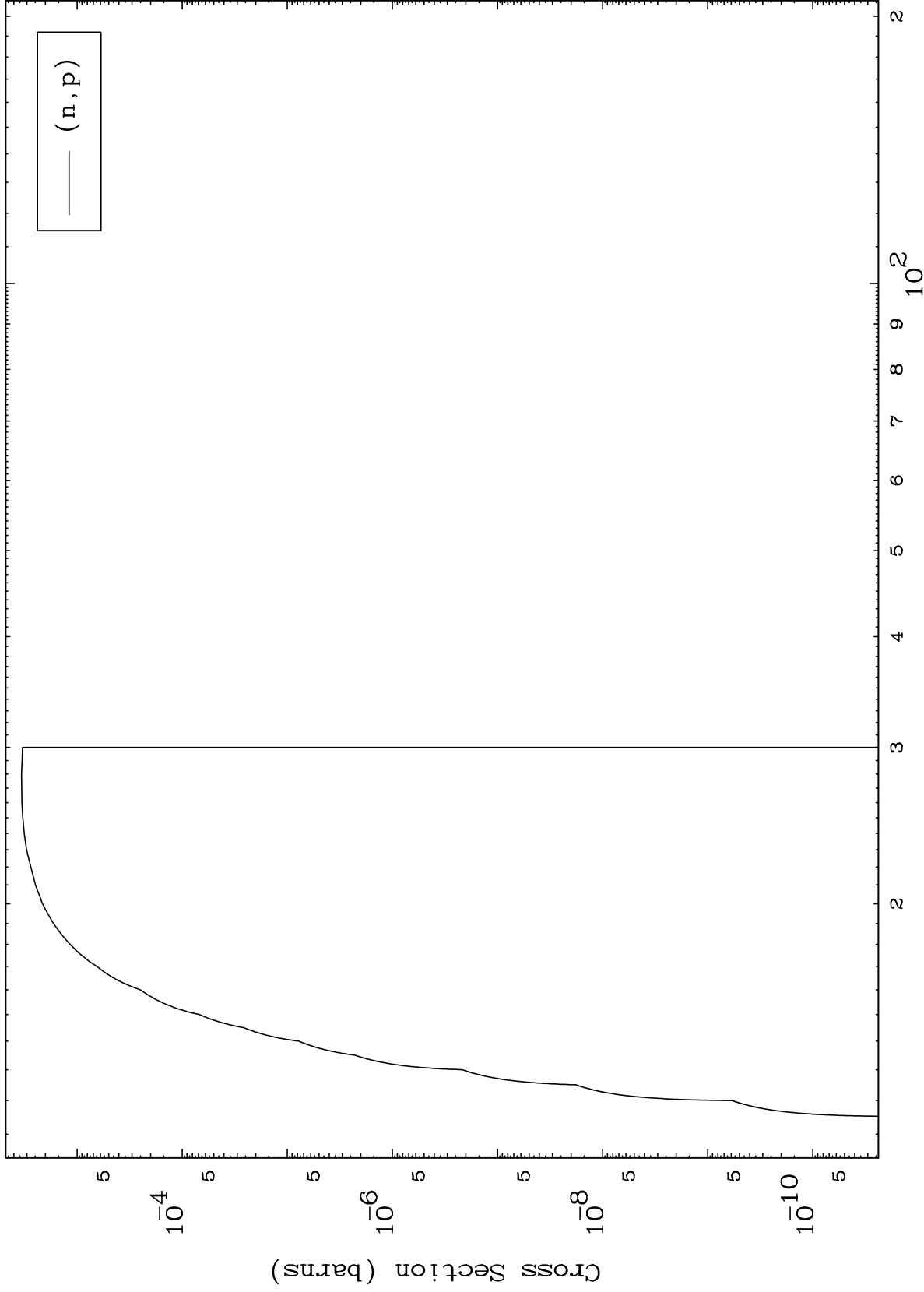
31-Ga-81



MAT 3161

(n,p) Levels
293 Kelvin Cross Sections

31-Ga-81



12

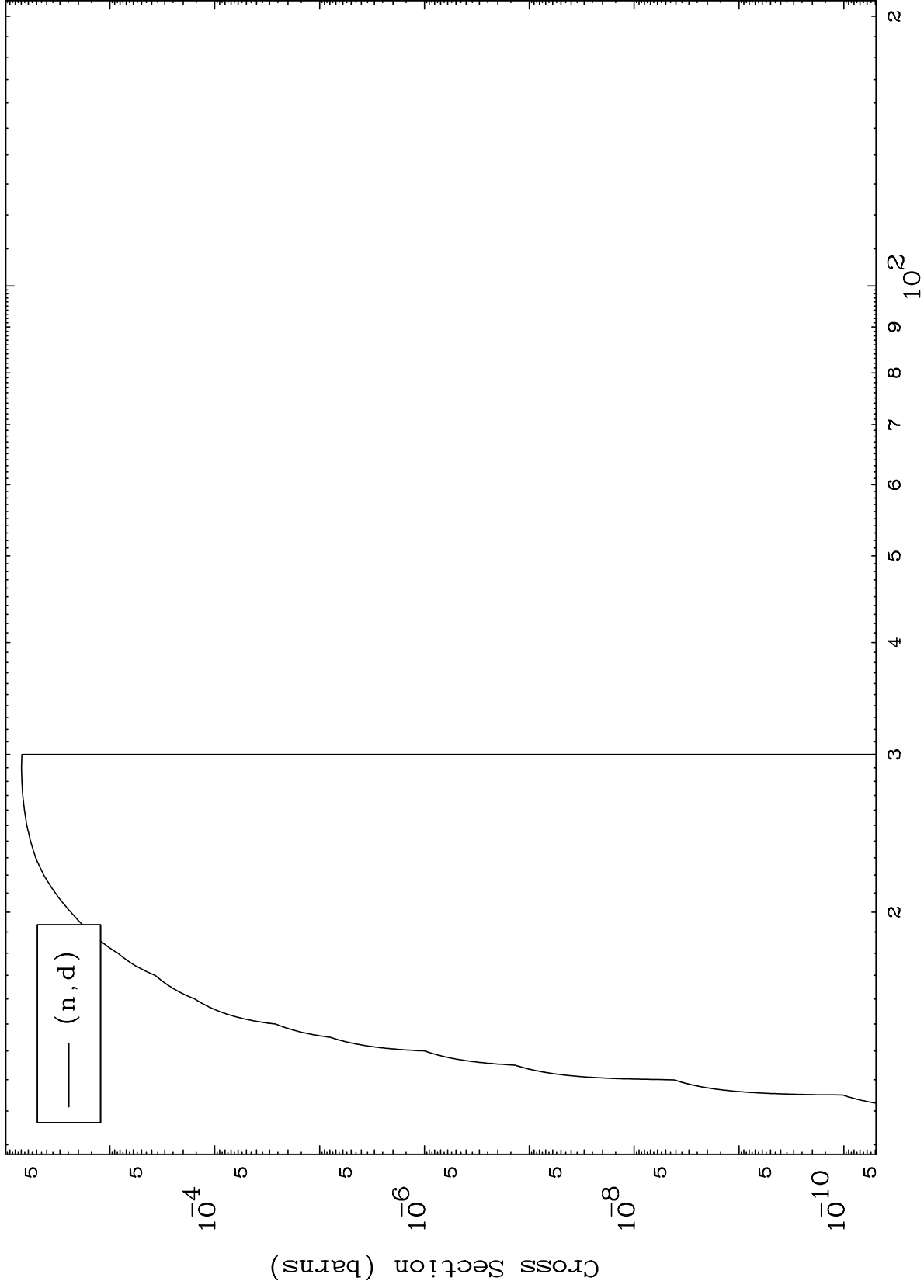
Incident Energy (MeV)

31-Ga-81

MAT 3161

(n,d) Levels
293 Kelvin Cross Sections

31-Ga-81



13

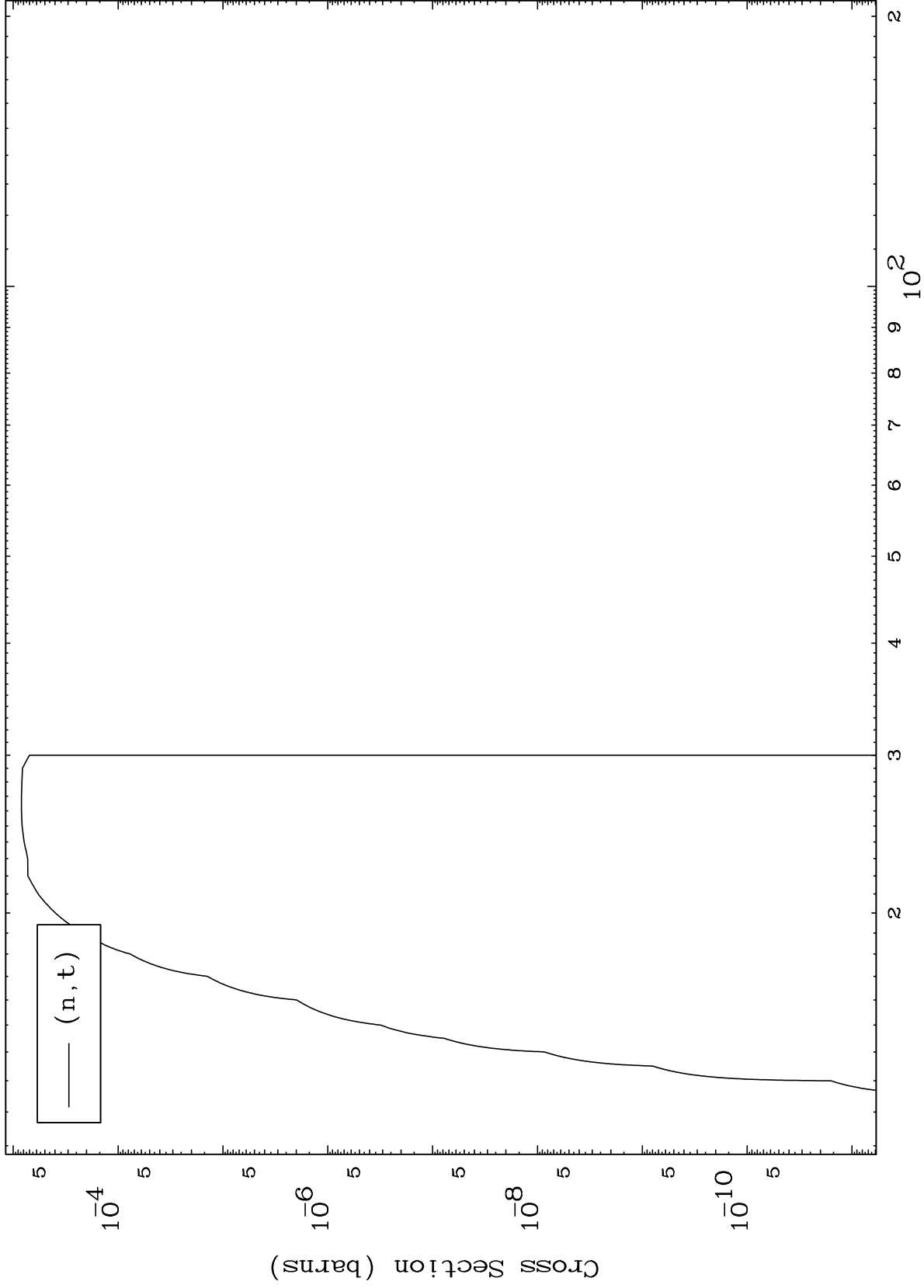
Incident Energy (MeV)

31-Ga-81

MAT 3161

(n,t) Levels
293 Kelvin Cross Sections

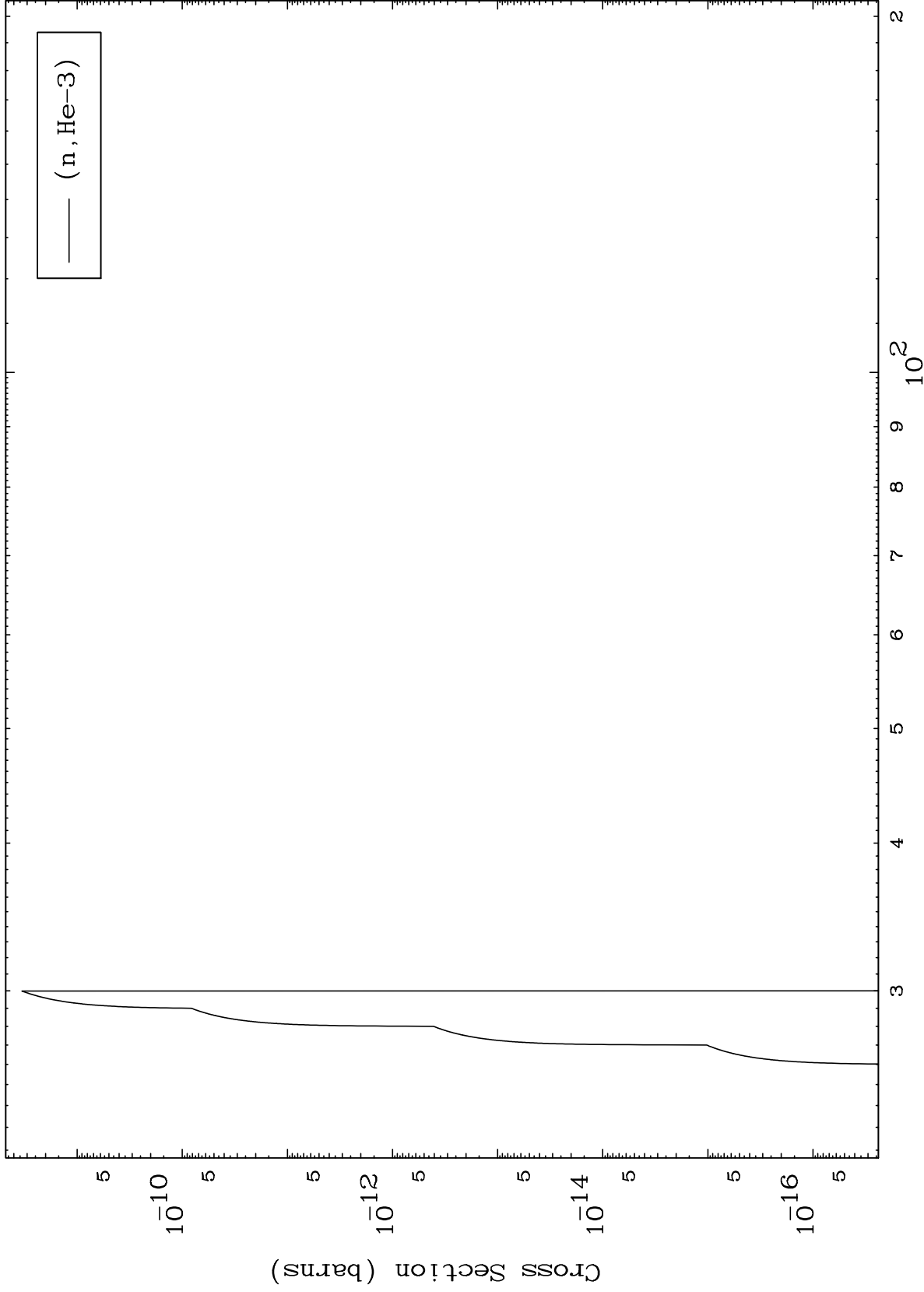
31-Ga-81



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Incident Energy (MeV)

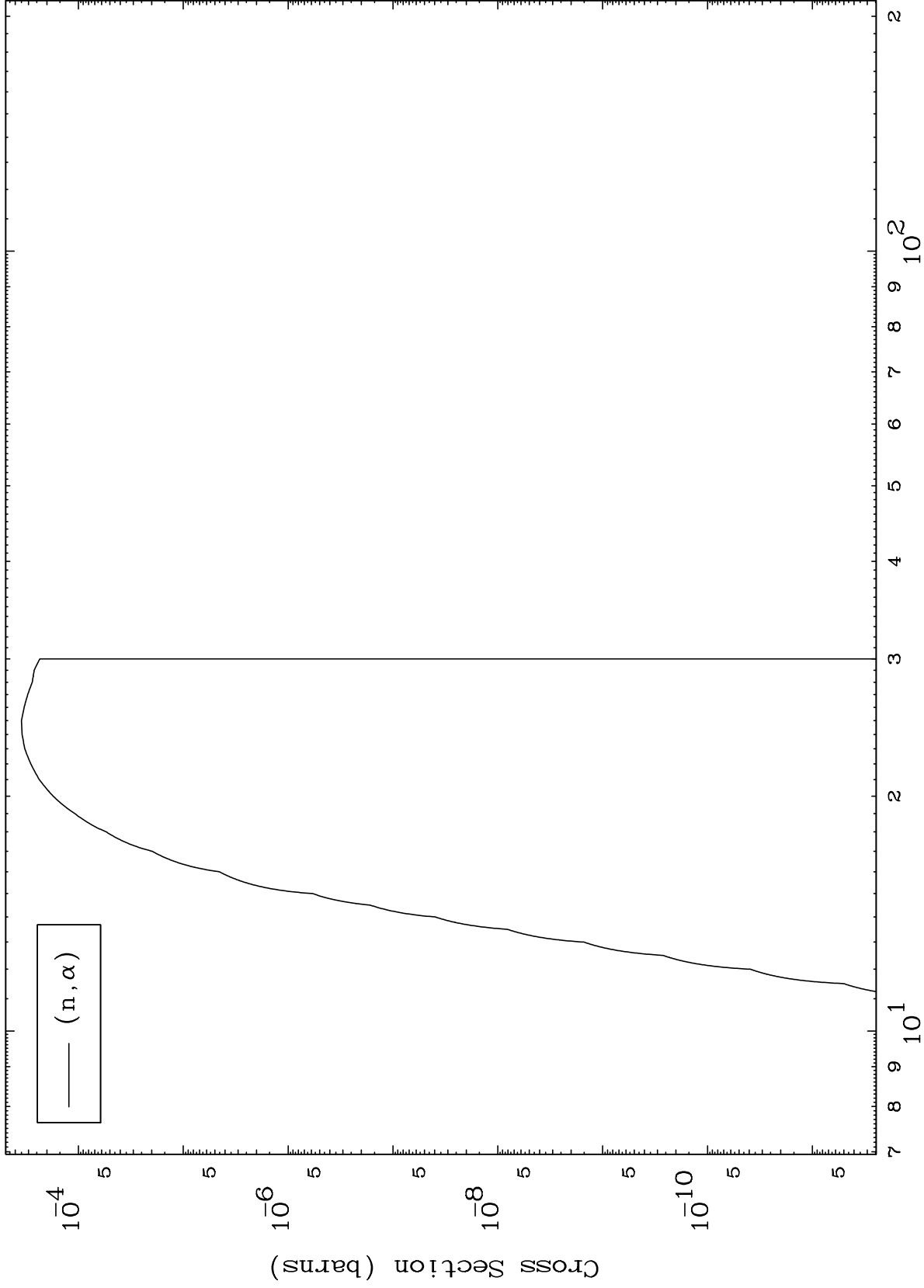
31-Ga-81



MAT 3161

(n, α) Levels
293 Kelvin Cross Sections

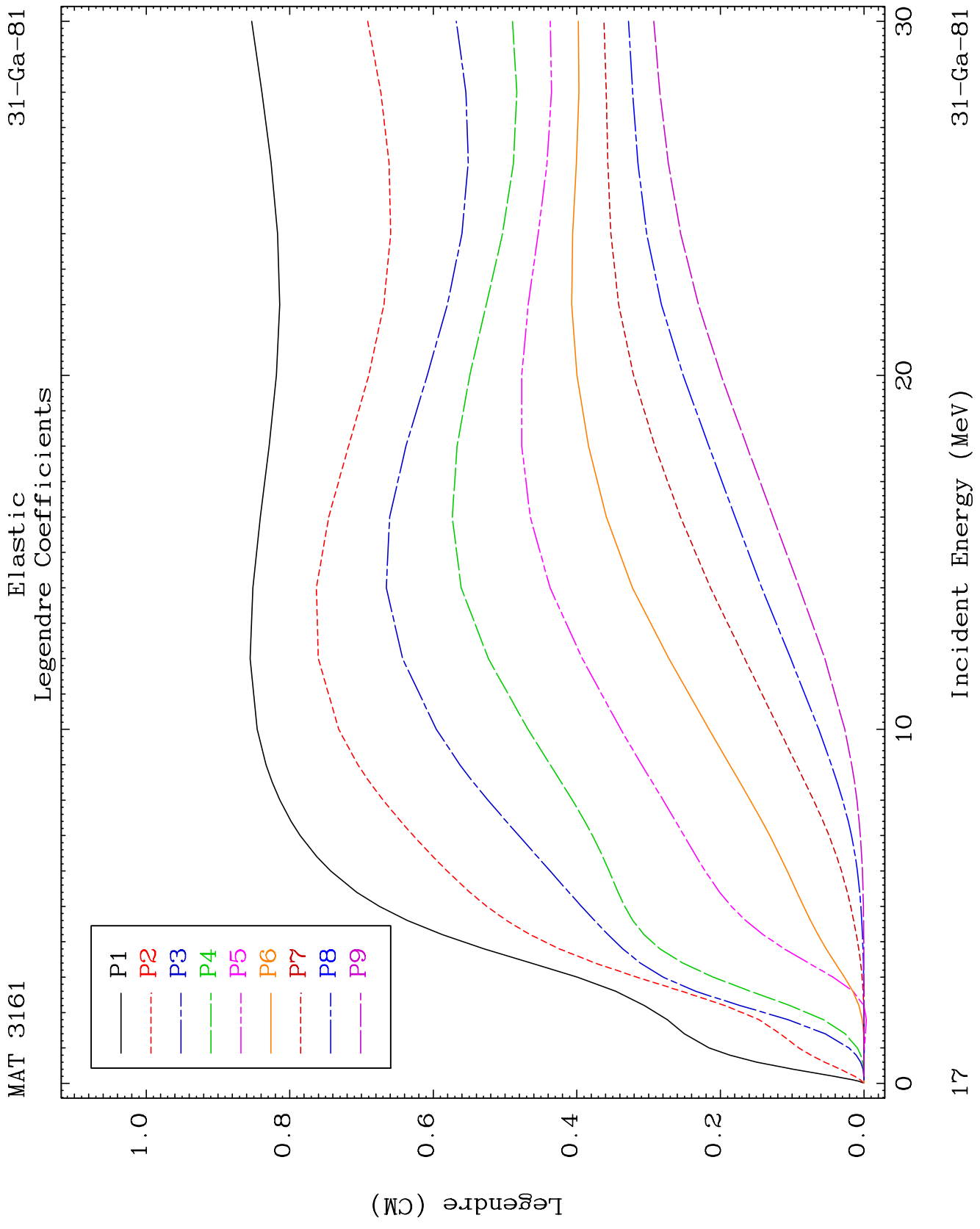
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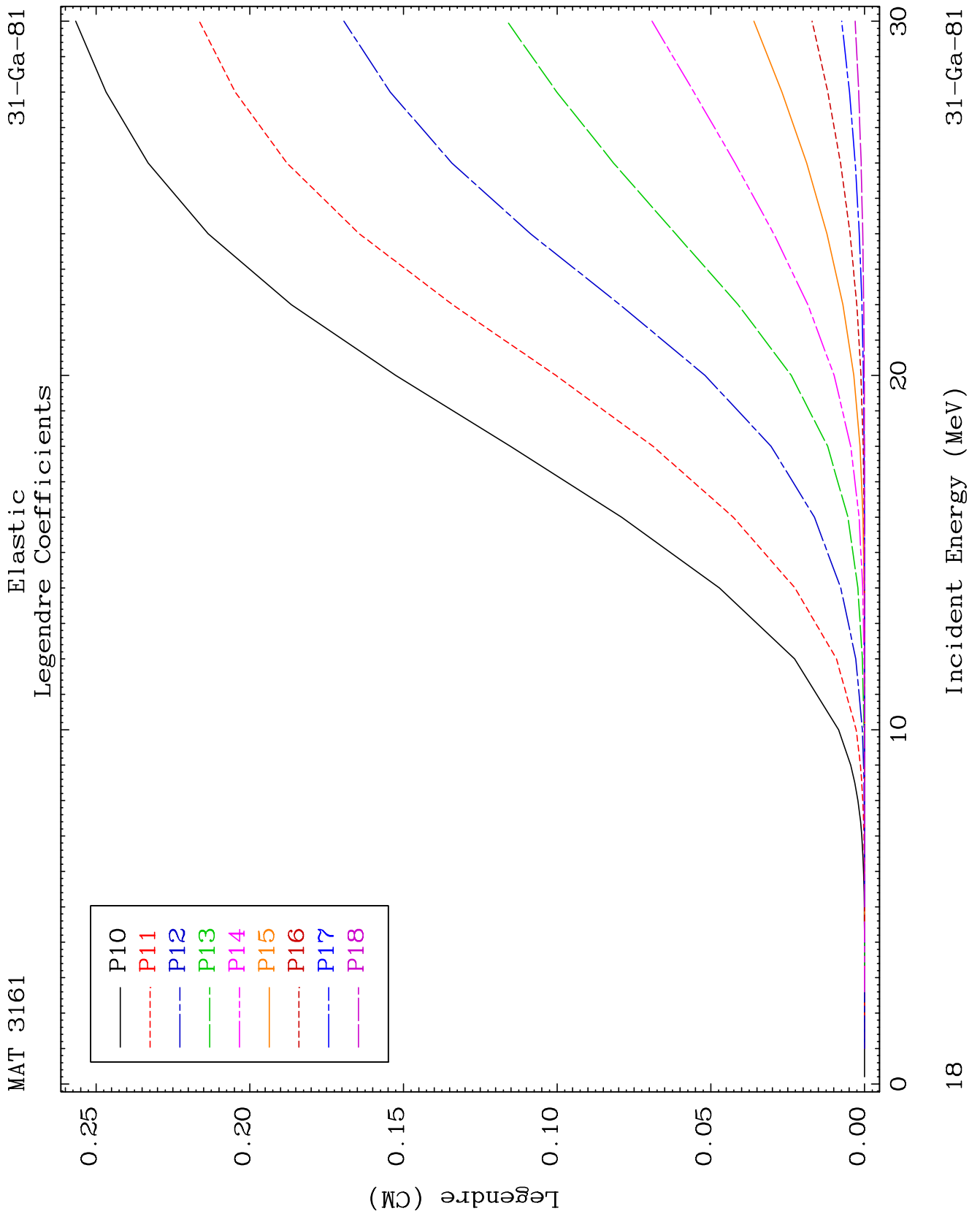


16

Incident Energy (MeV)

31-Ga-81





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Elastic Legendre Coefficients

$^{31}\text{Ga-81}$

18

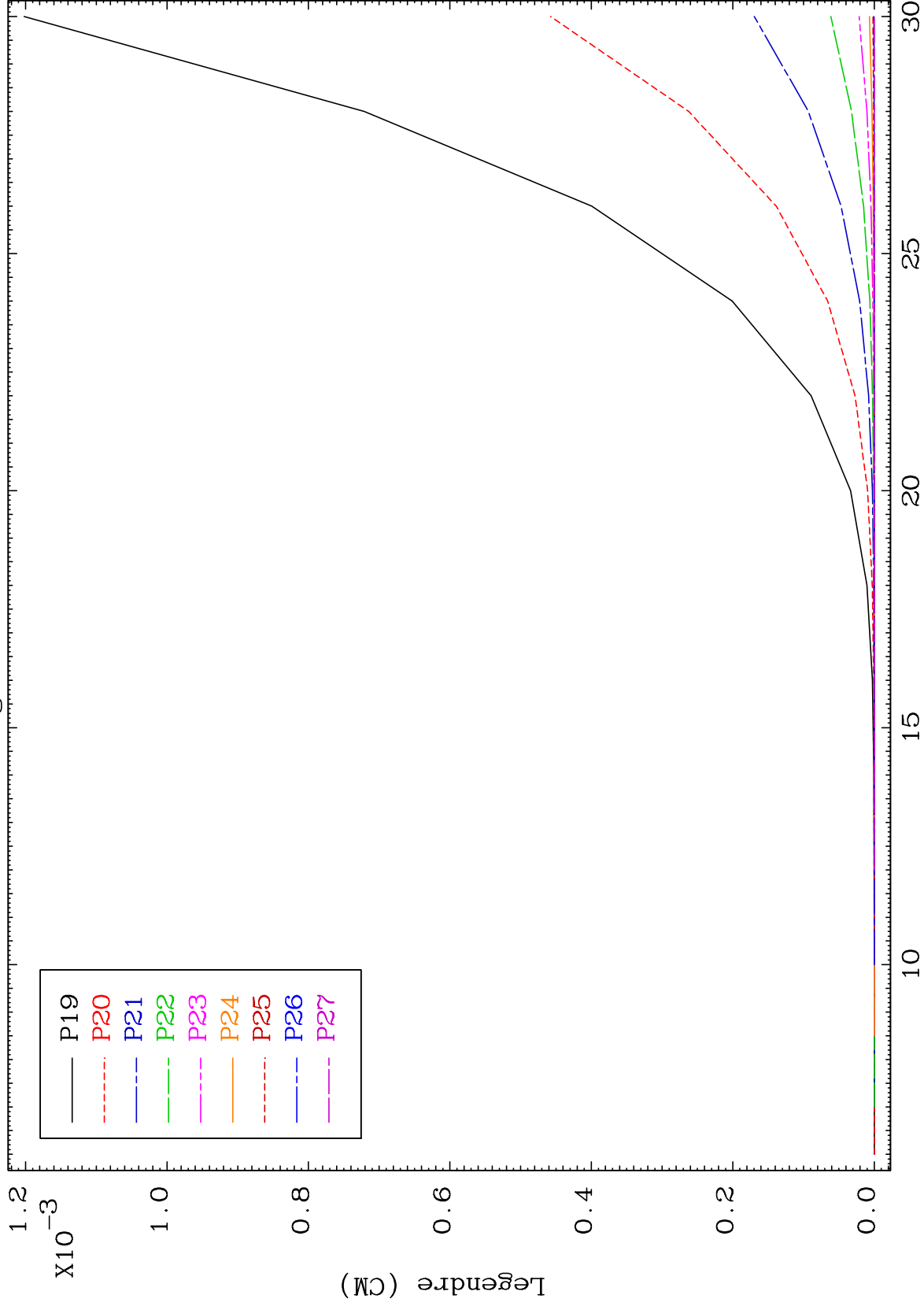
Incident Energy (MeV)

$^{31}\text{Ga-81}$

MAT 3161

Elastic
Legendre Coefficients

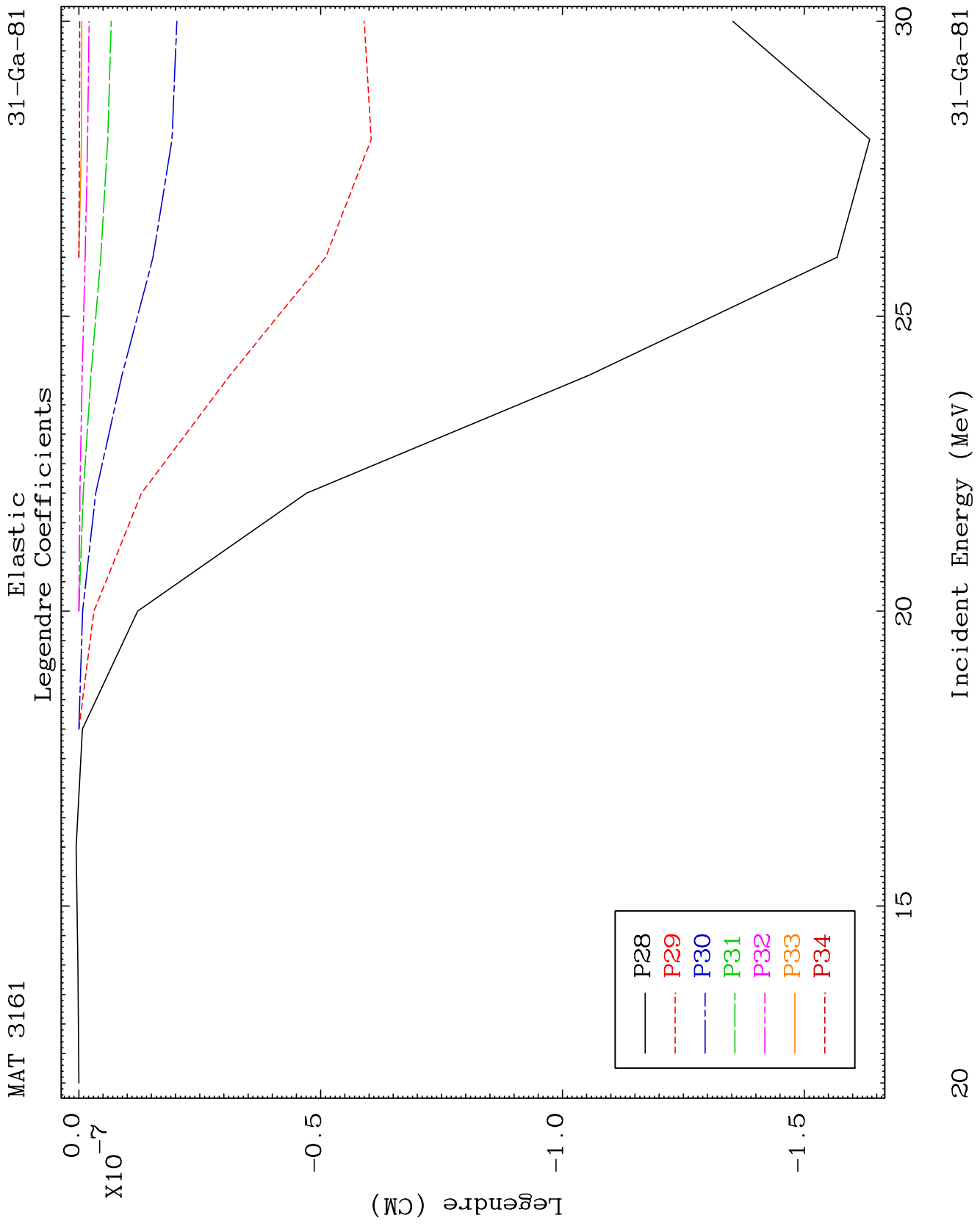
31-Ga-81



19

Incident Energy (MeV)

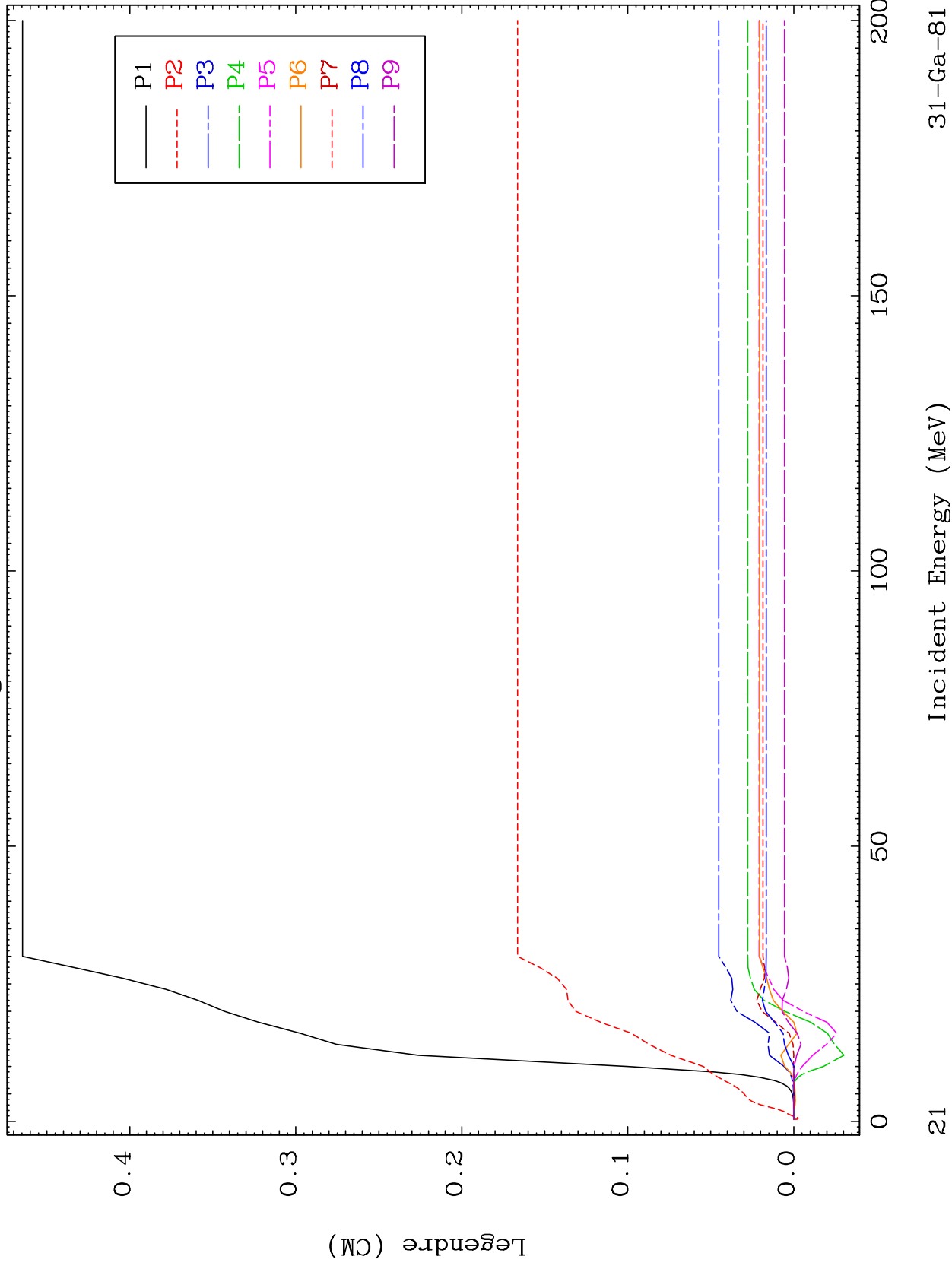
31-Ga-81



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31-Ga-81

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



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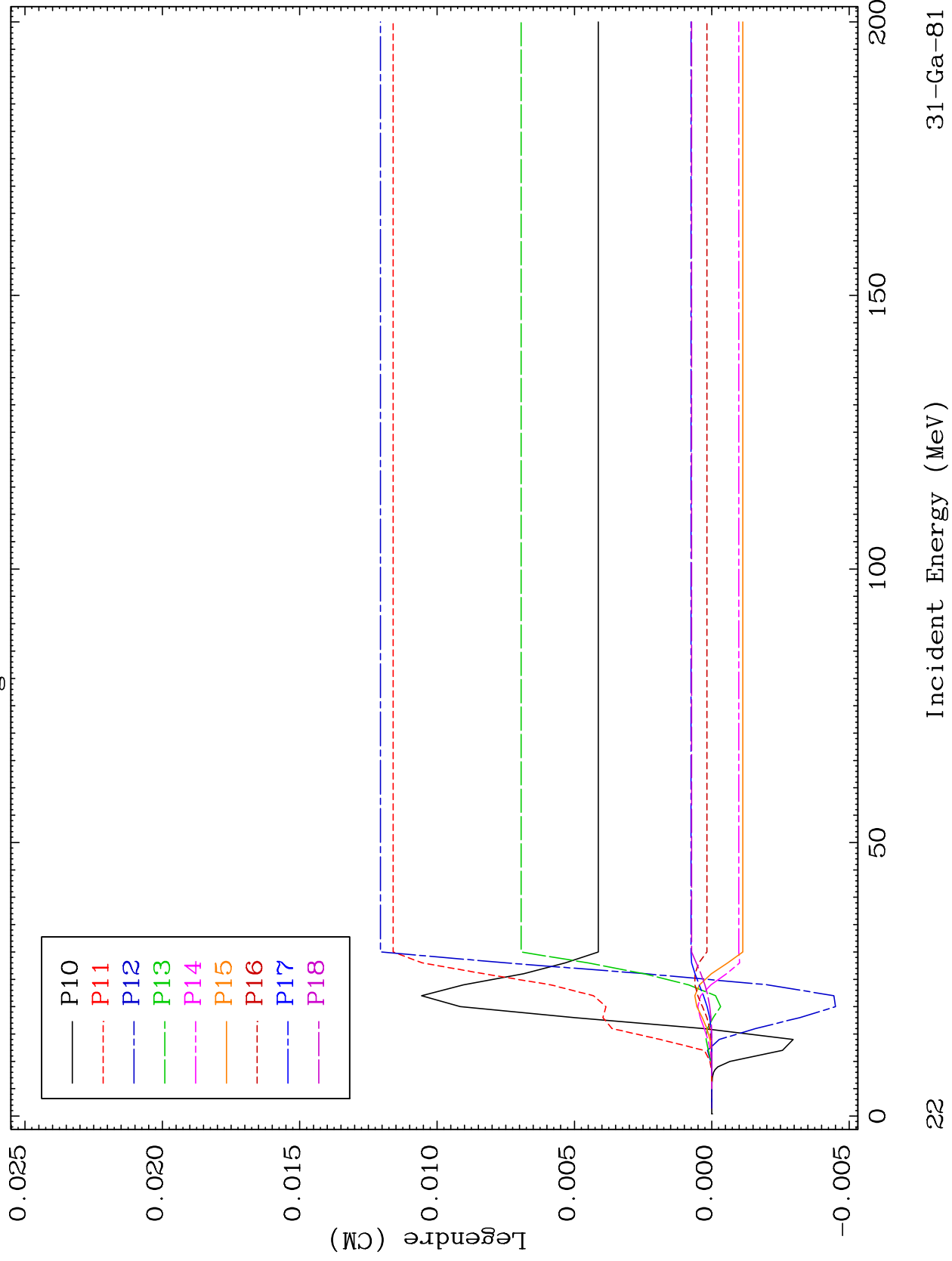
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

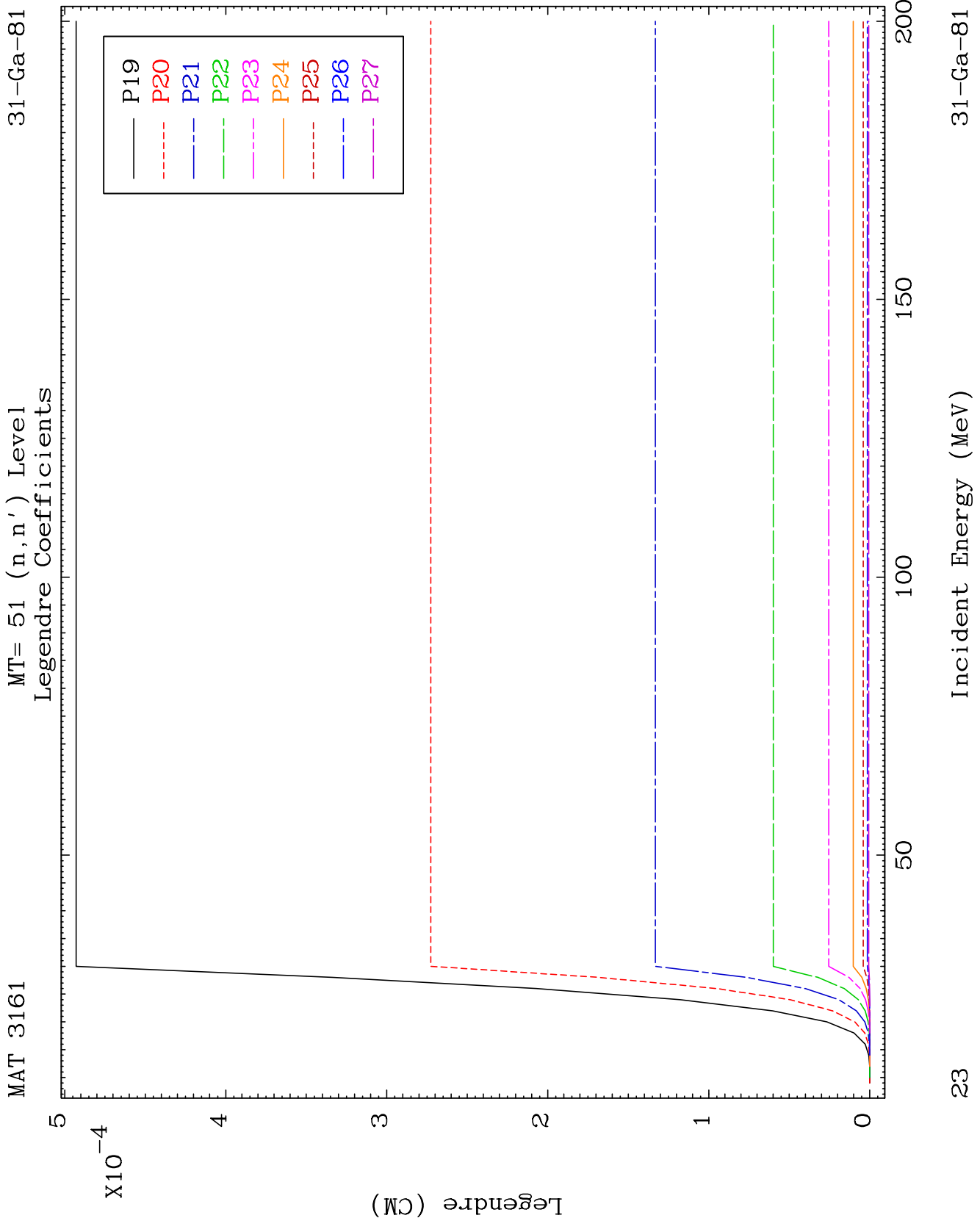
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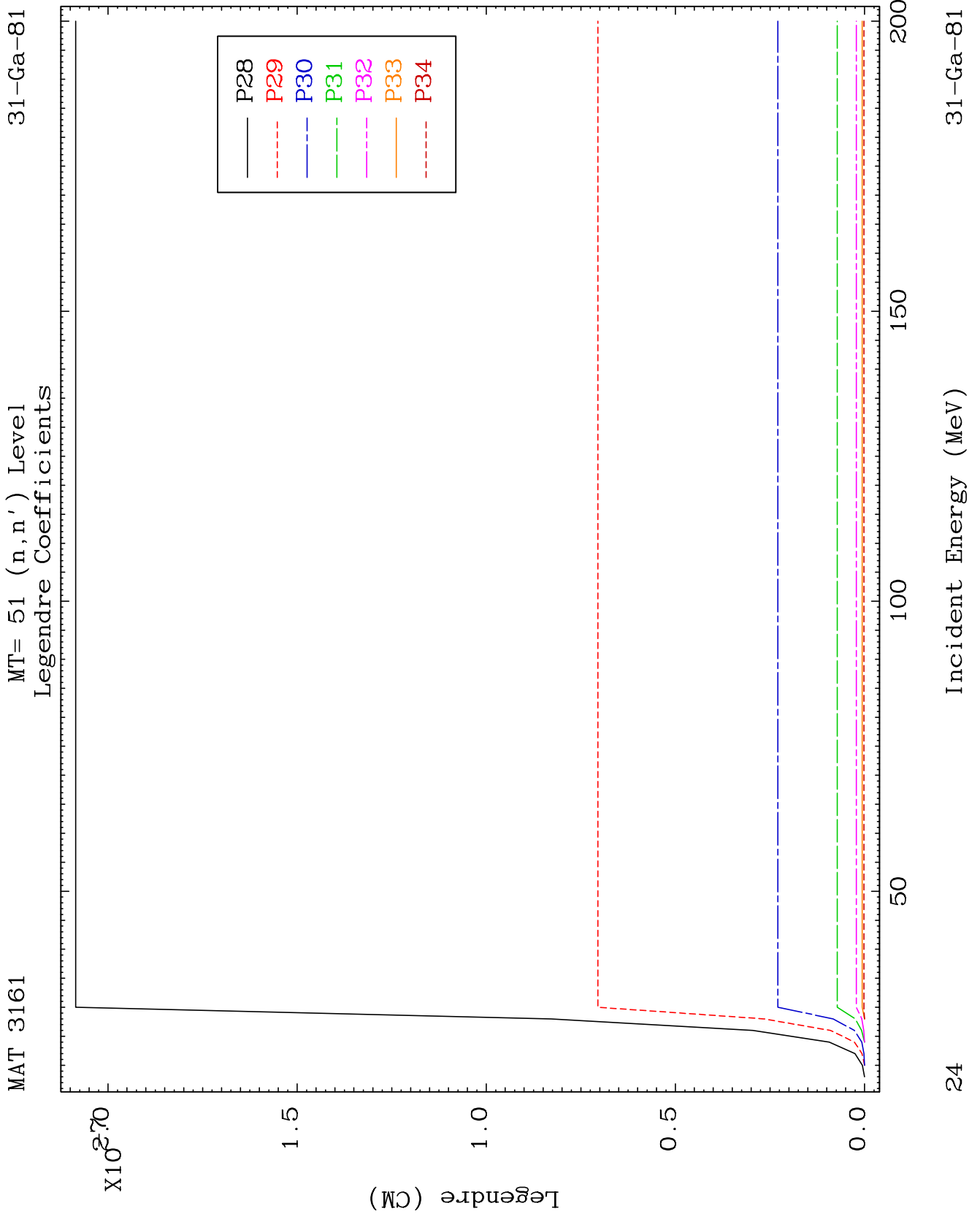


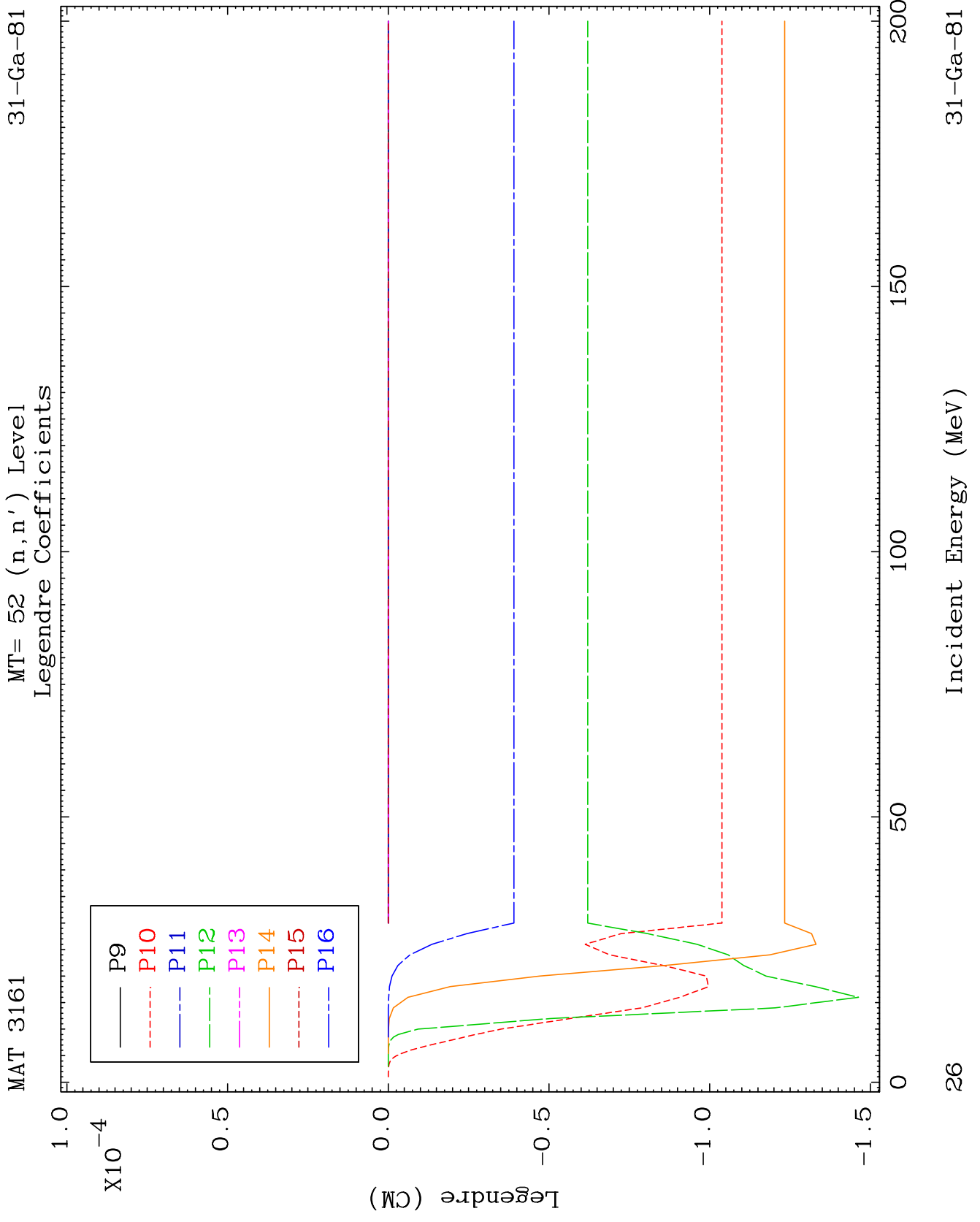
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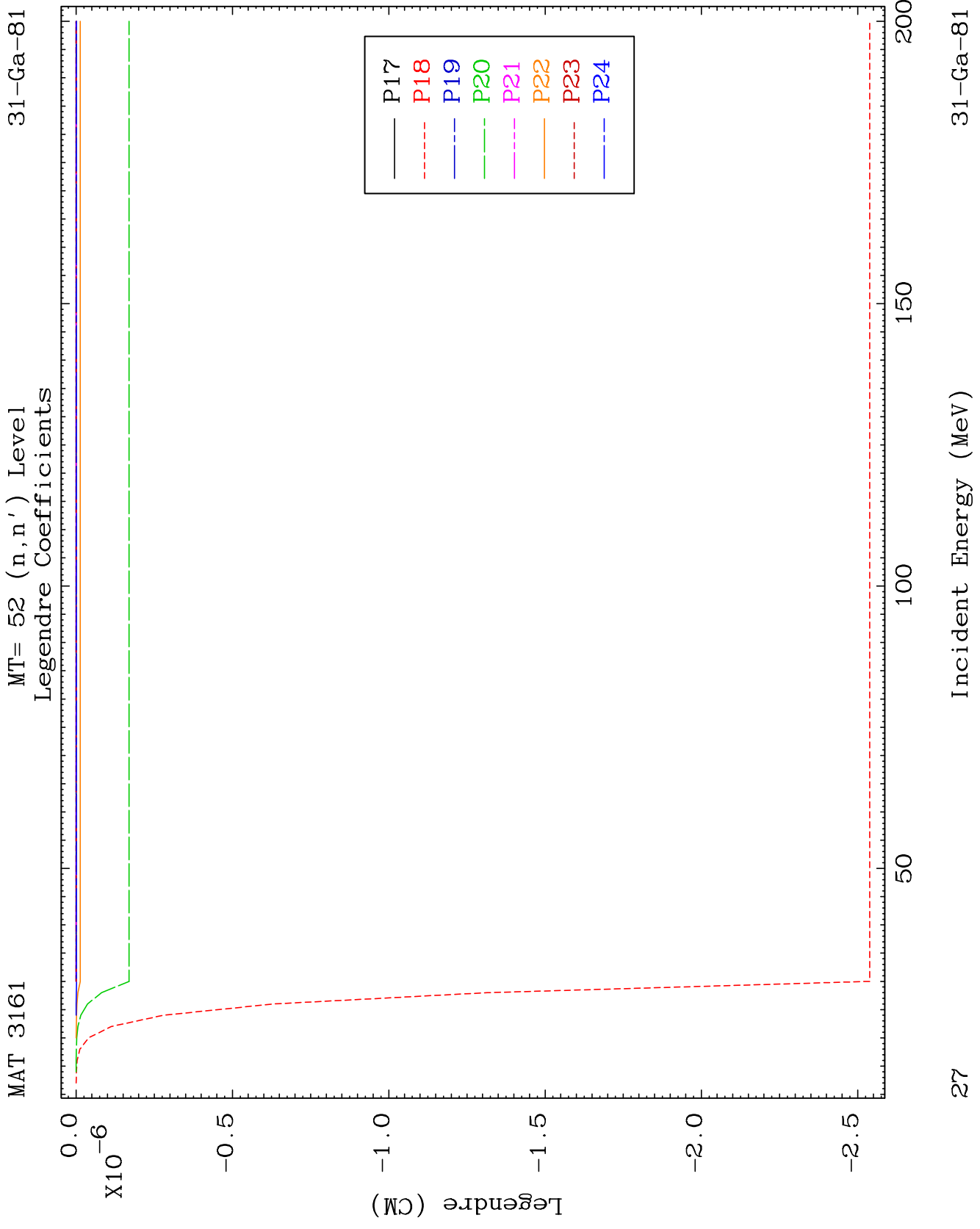
Incident Energy (MeV)

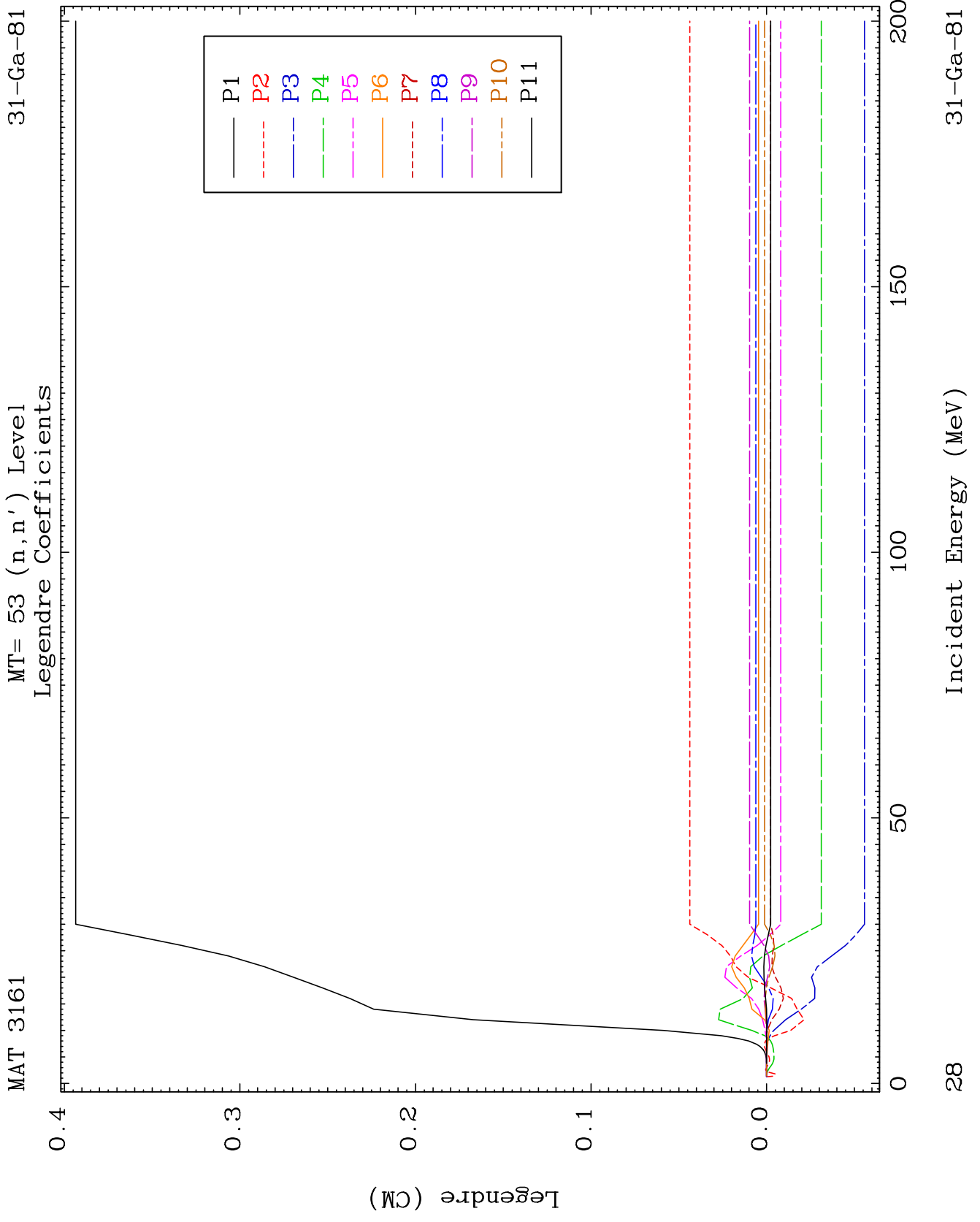
31-Ga-81

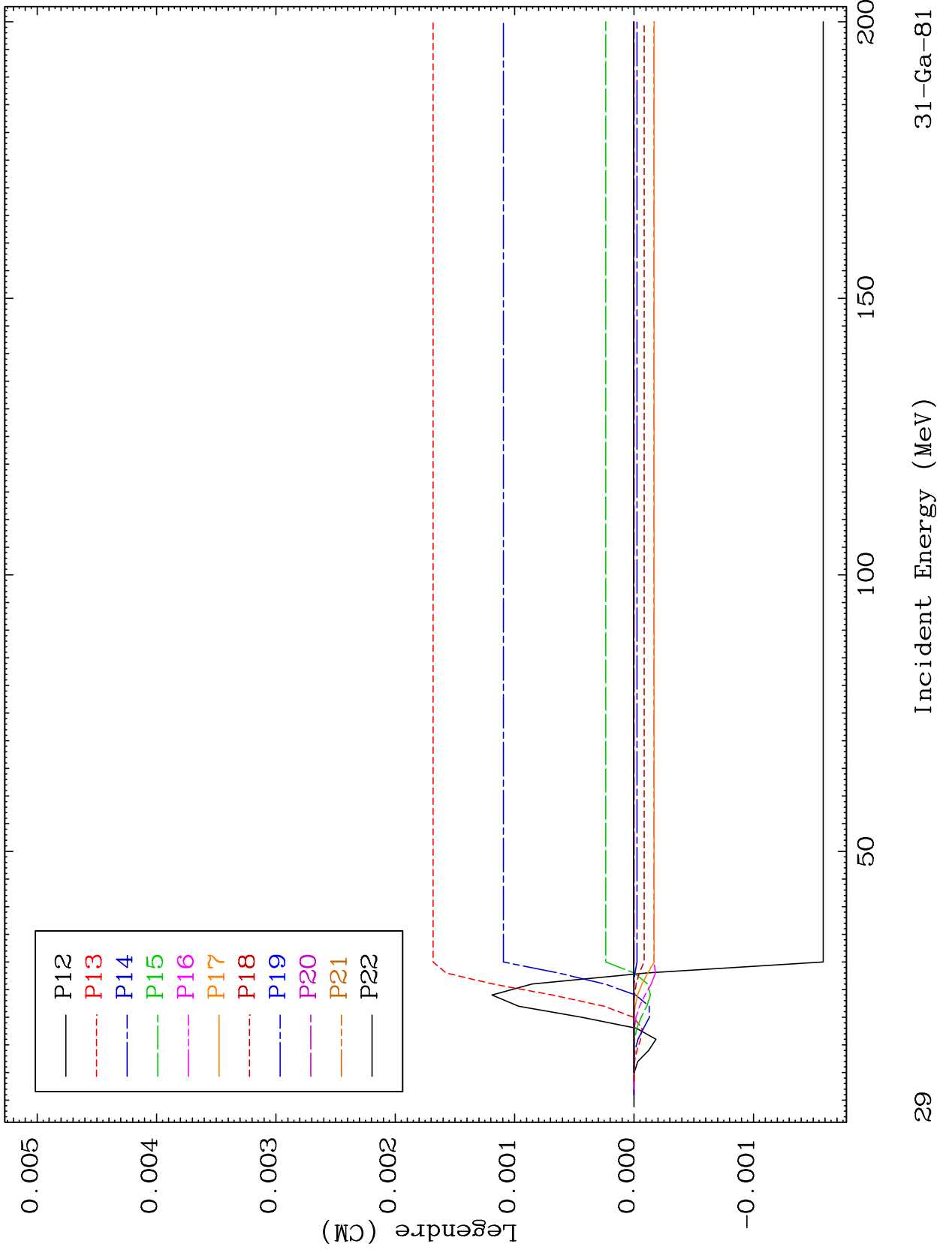








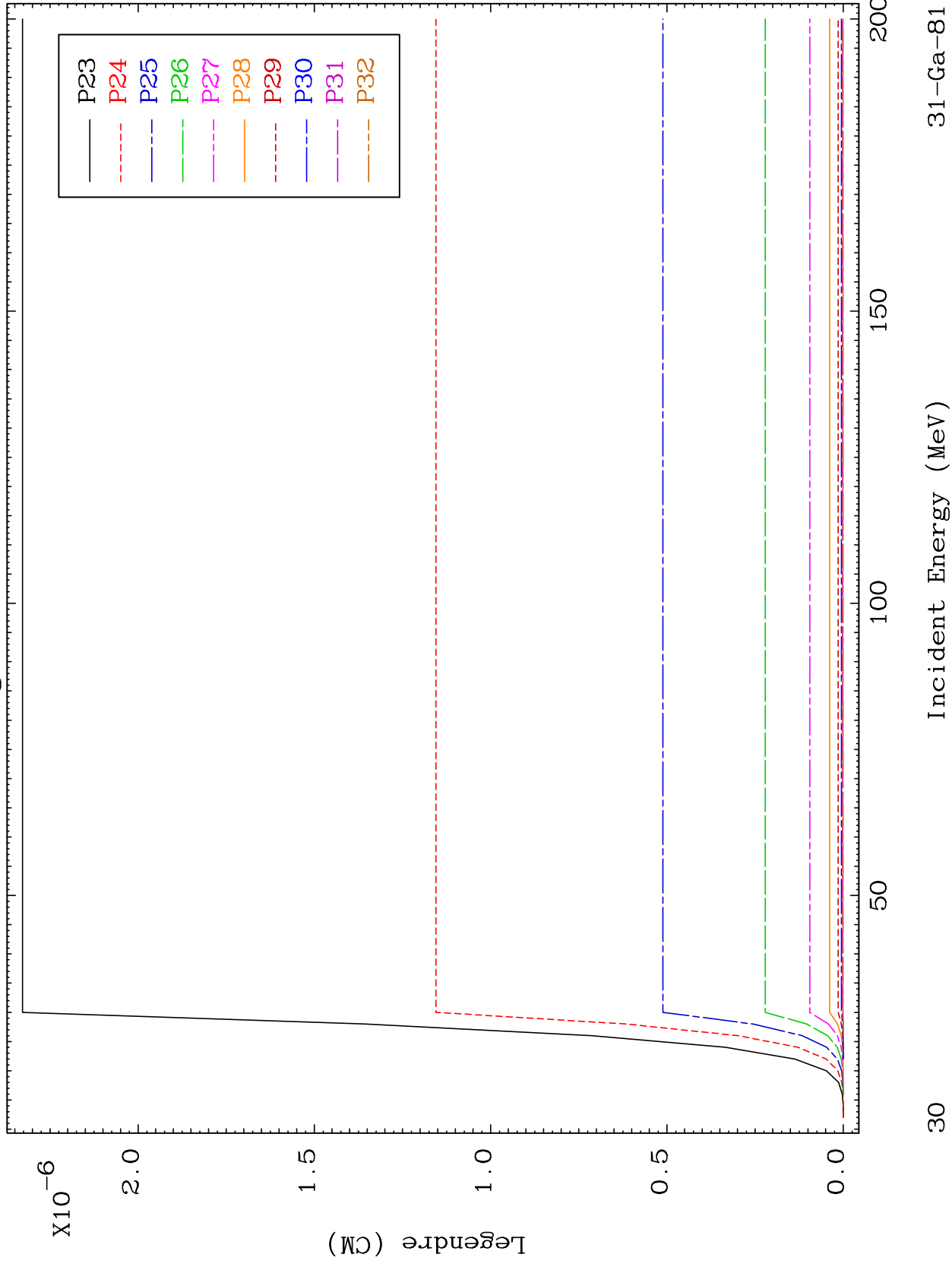




MAT 3161

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

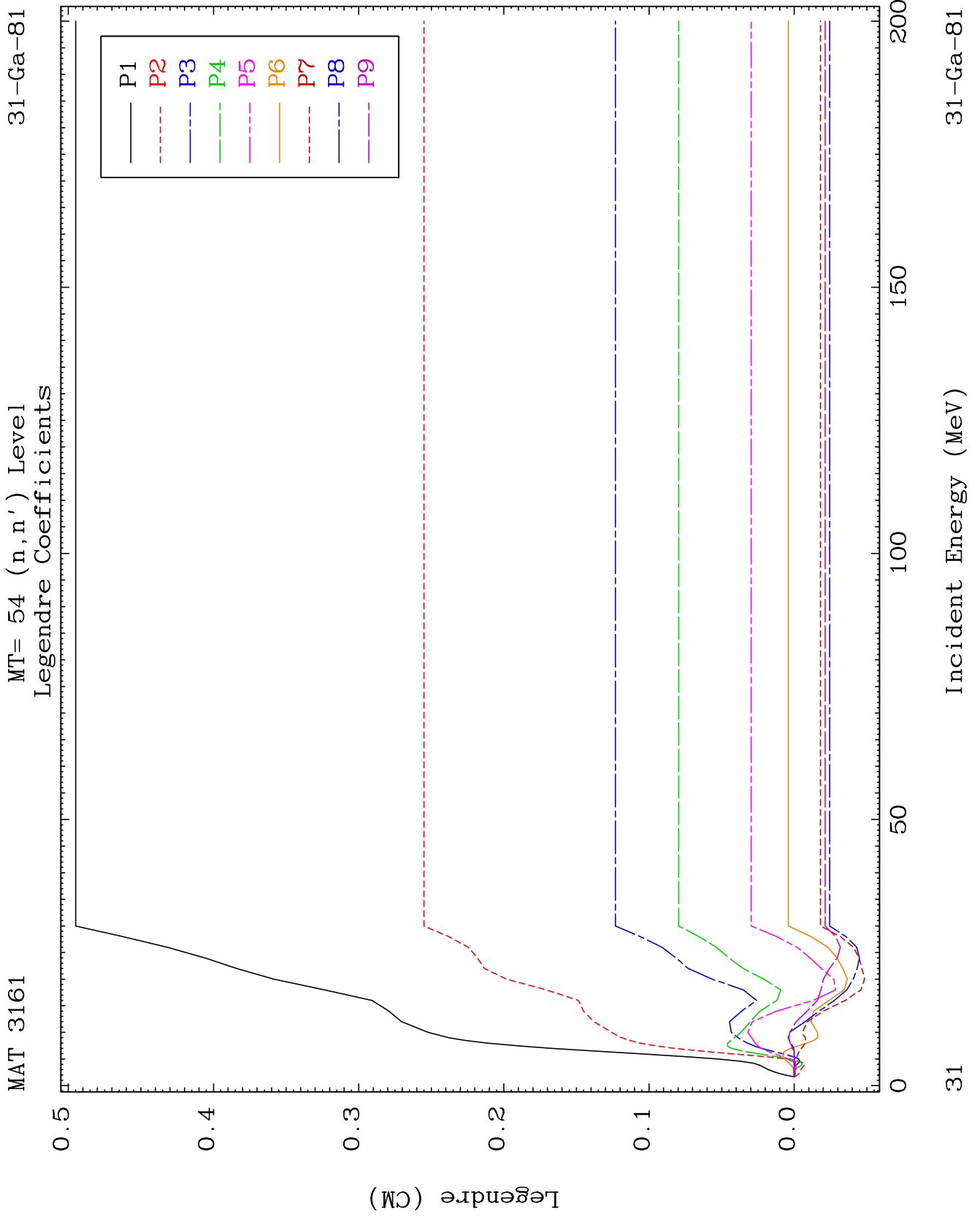
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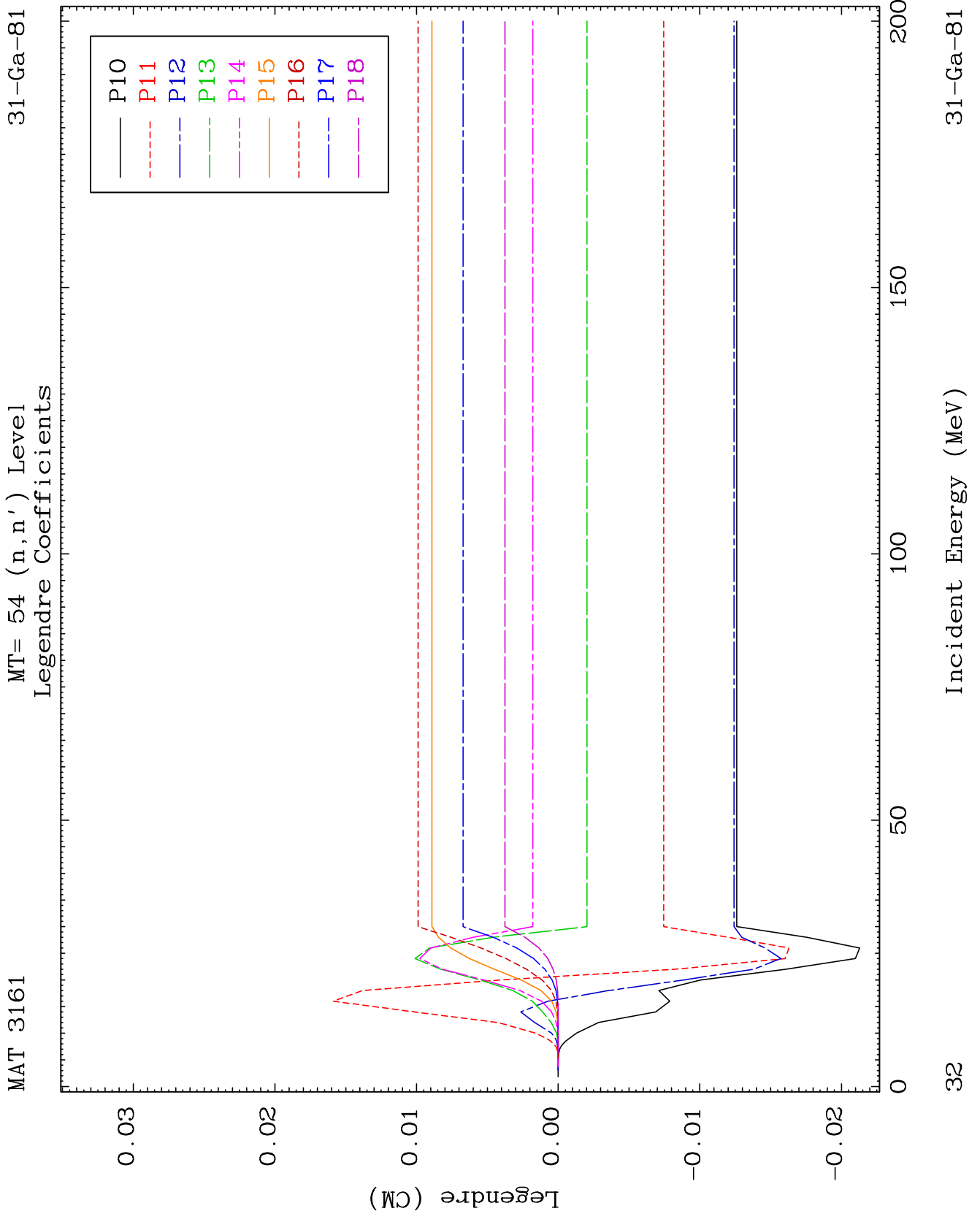


31-Ga-81

Incident Energy (MeV)

30

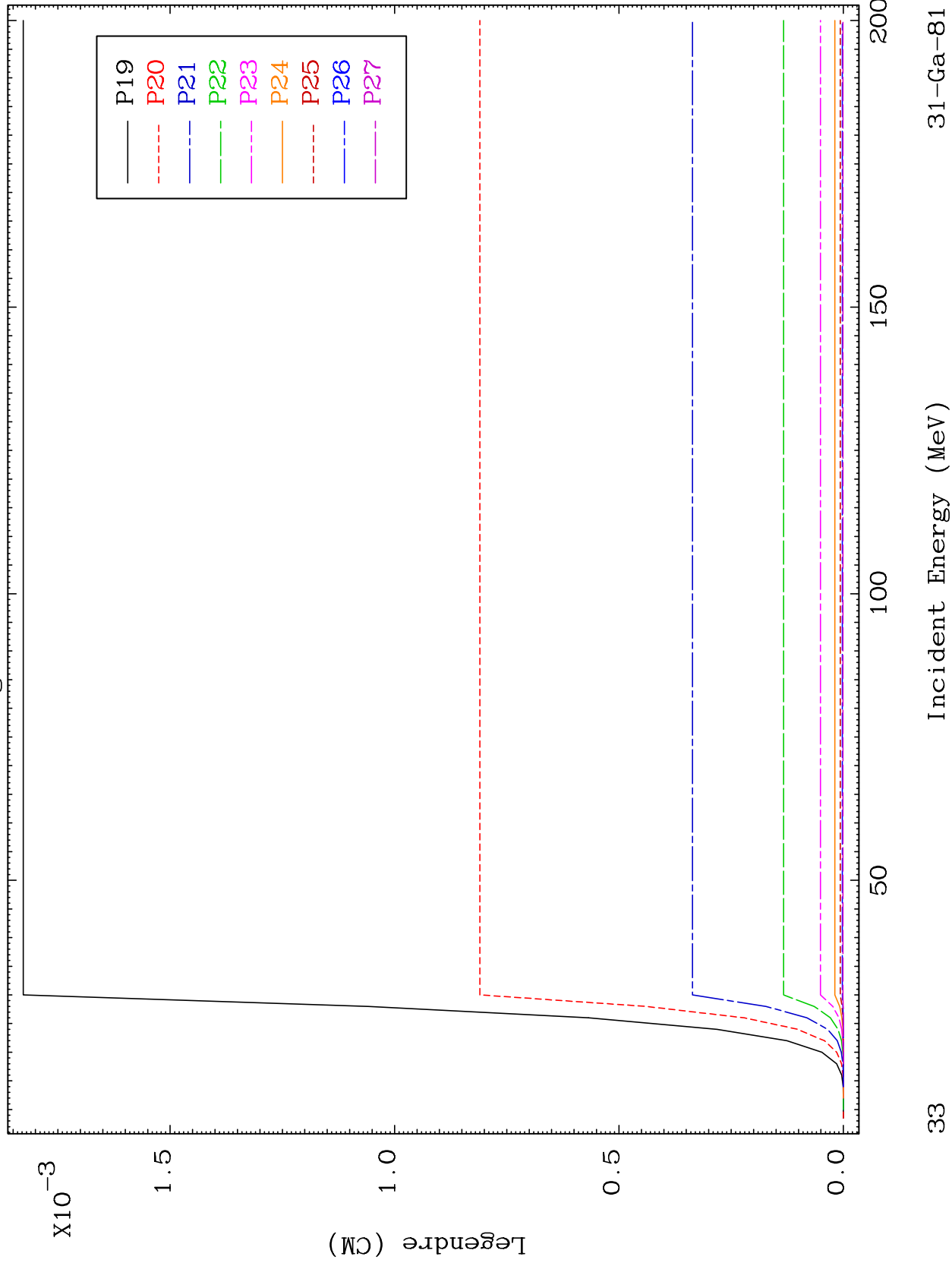




MAT 3161

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

31-Ga-81



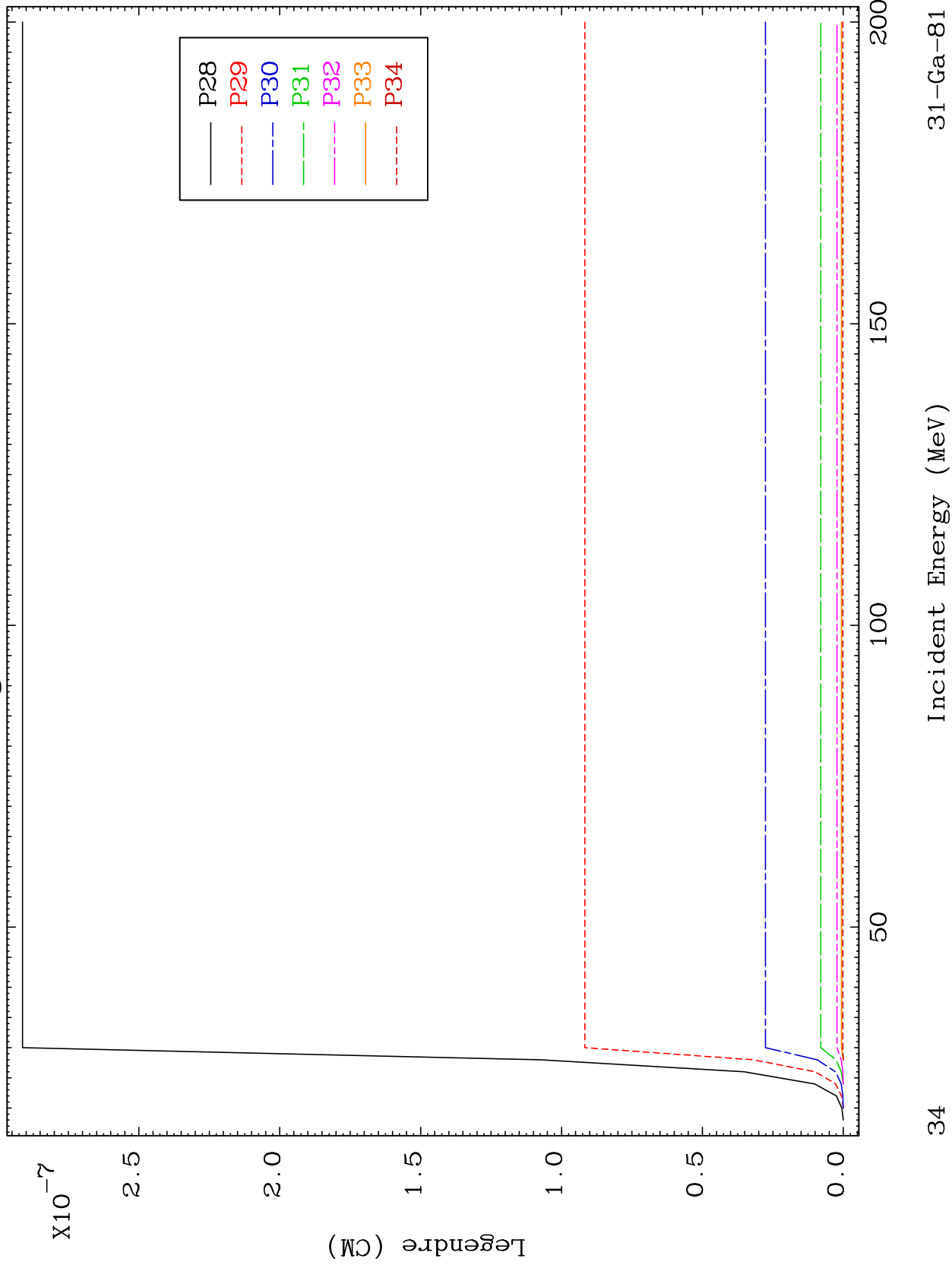
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31-Ga-81

MAT 3161

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

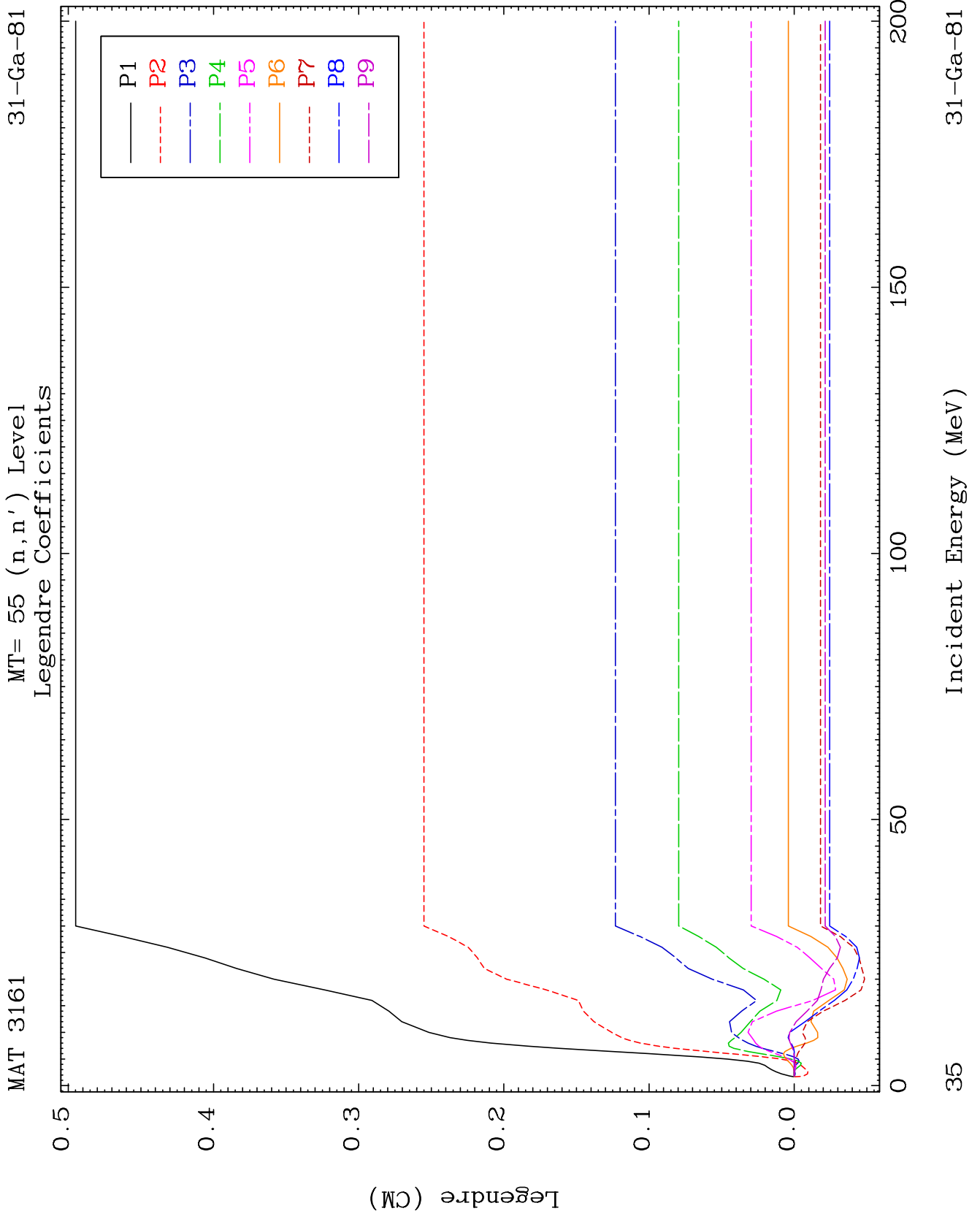
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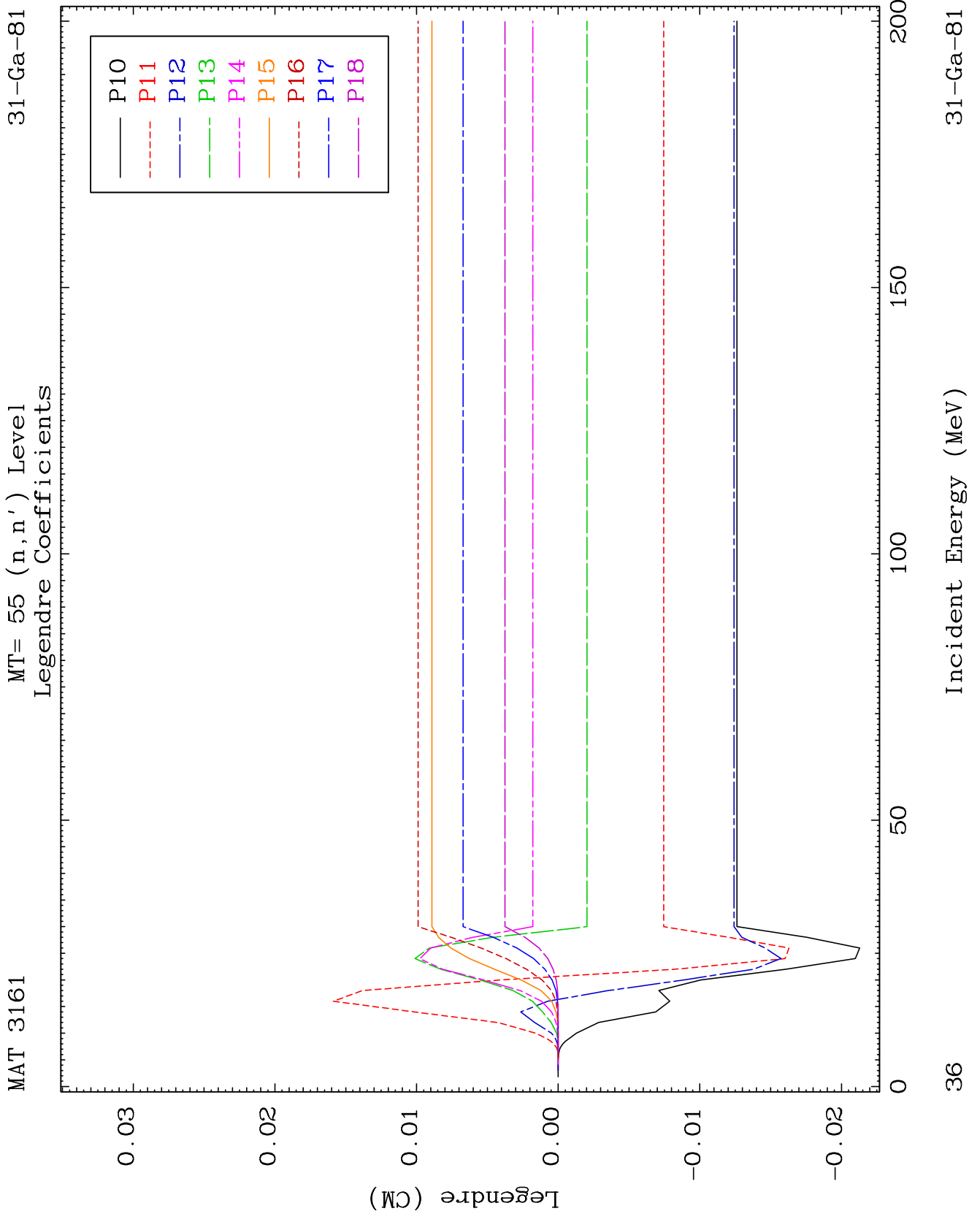


34

Incident Energy (MeV)

31-Ga-81

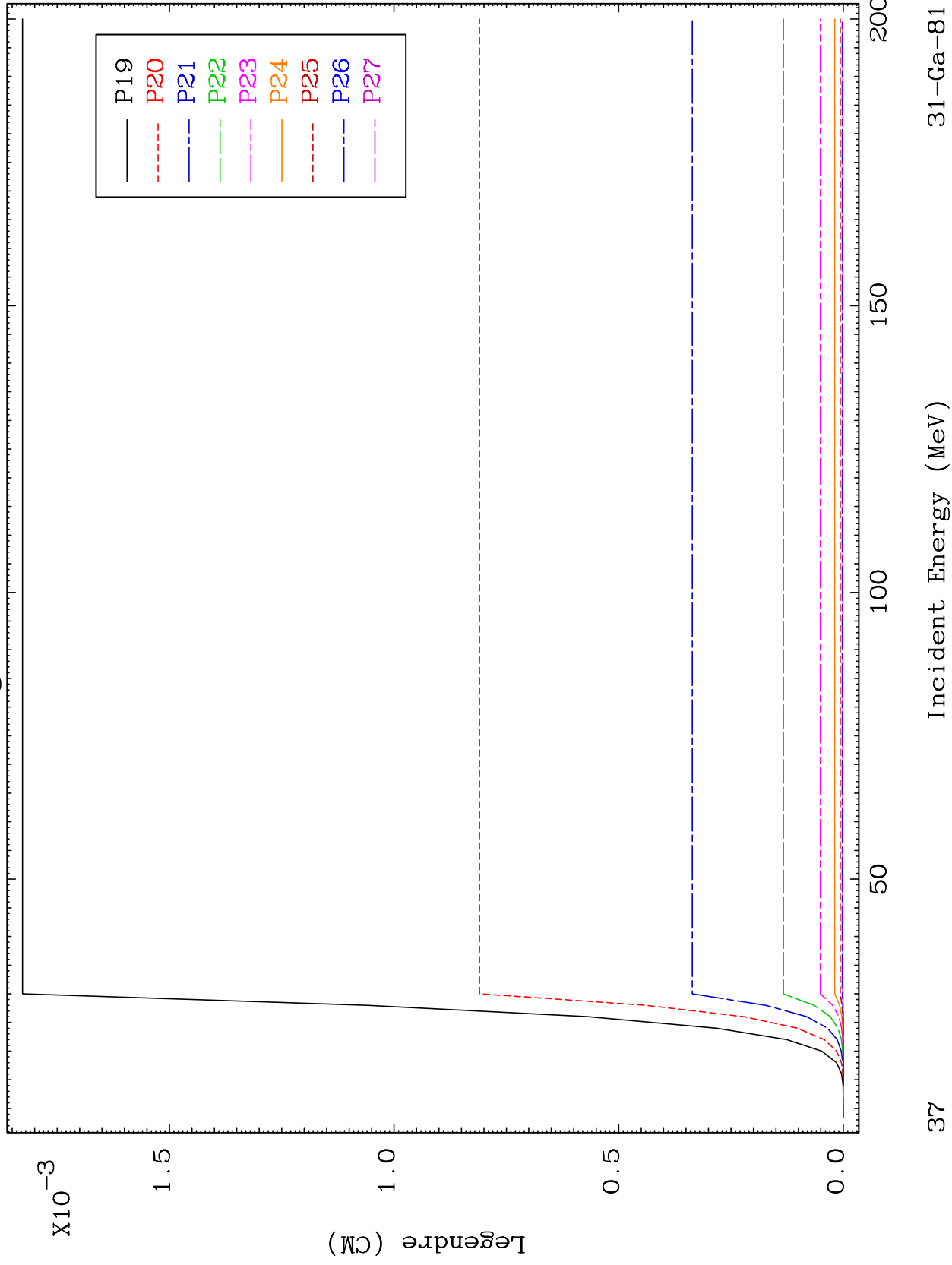




MAT 3161

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

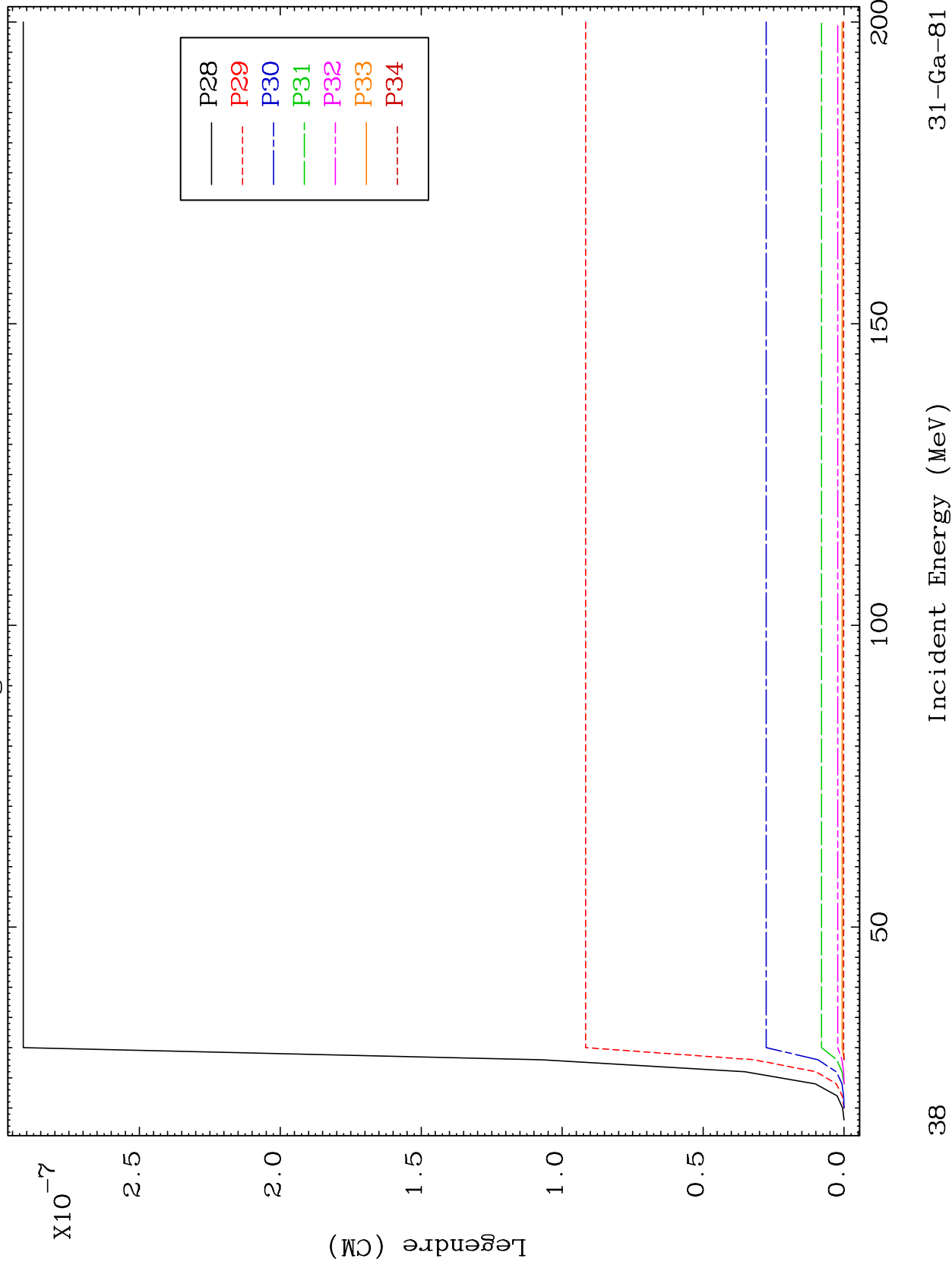
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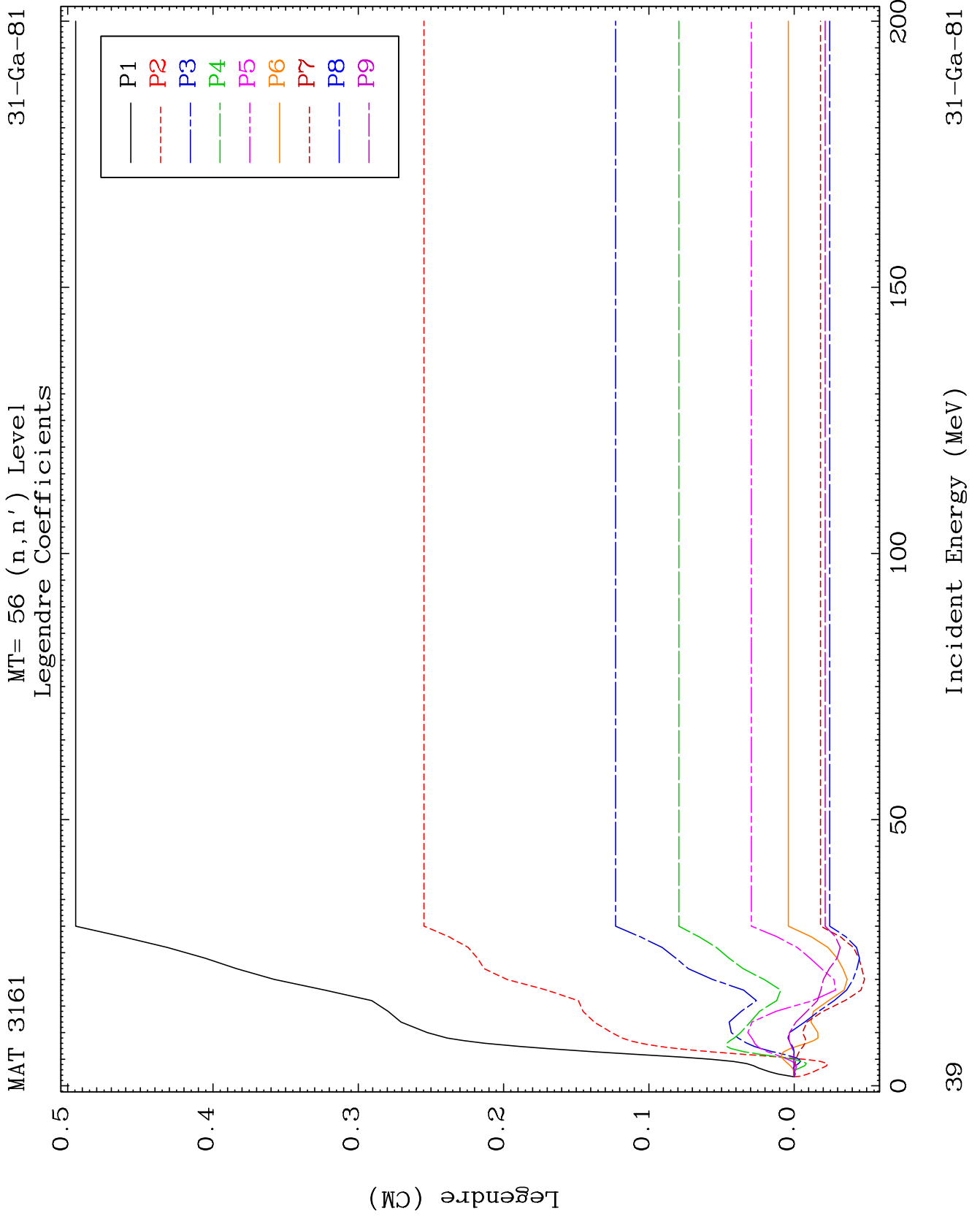


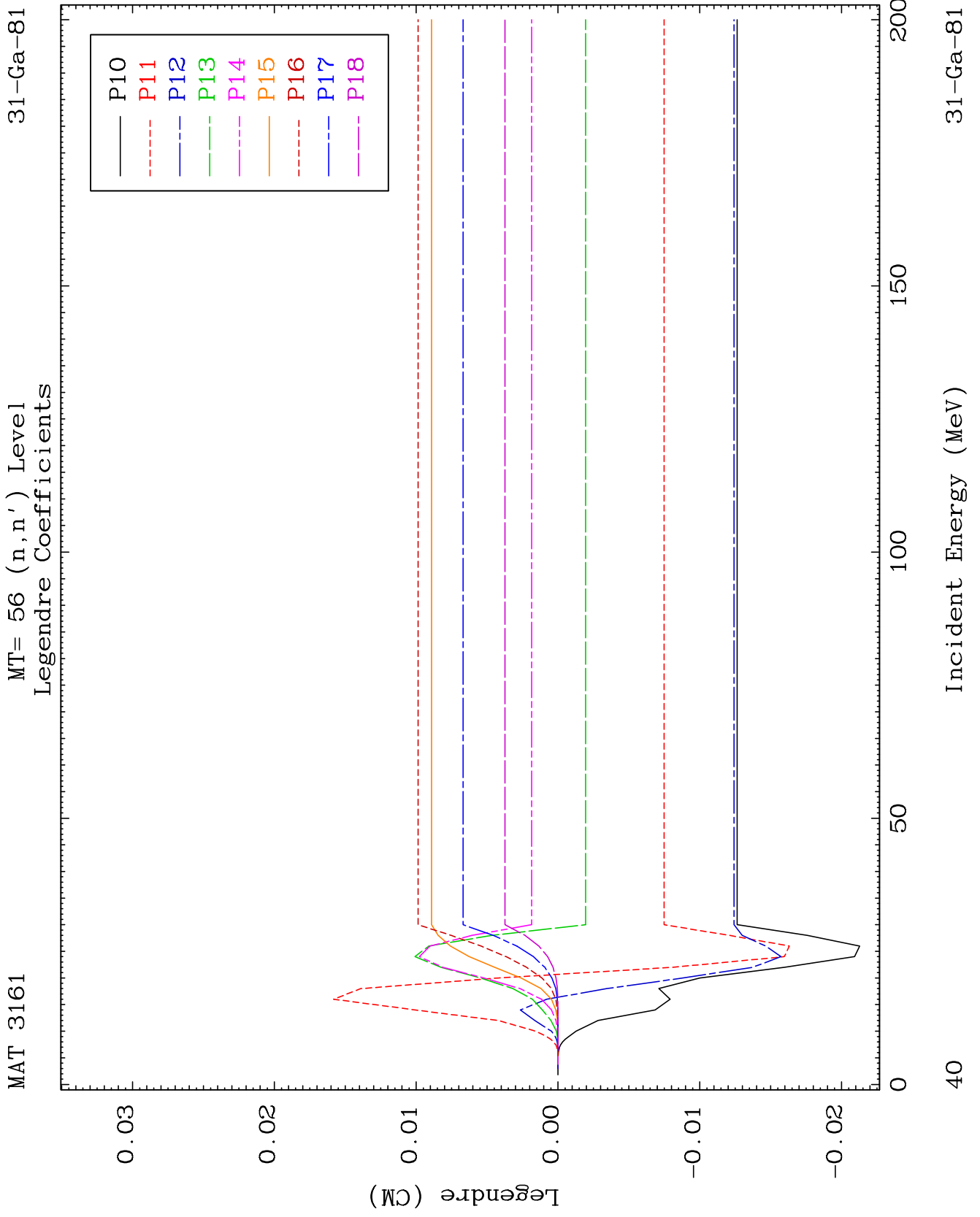
MAT 3161

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

31-Ga-81



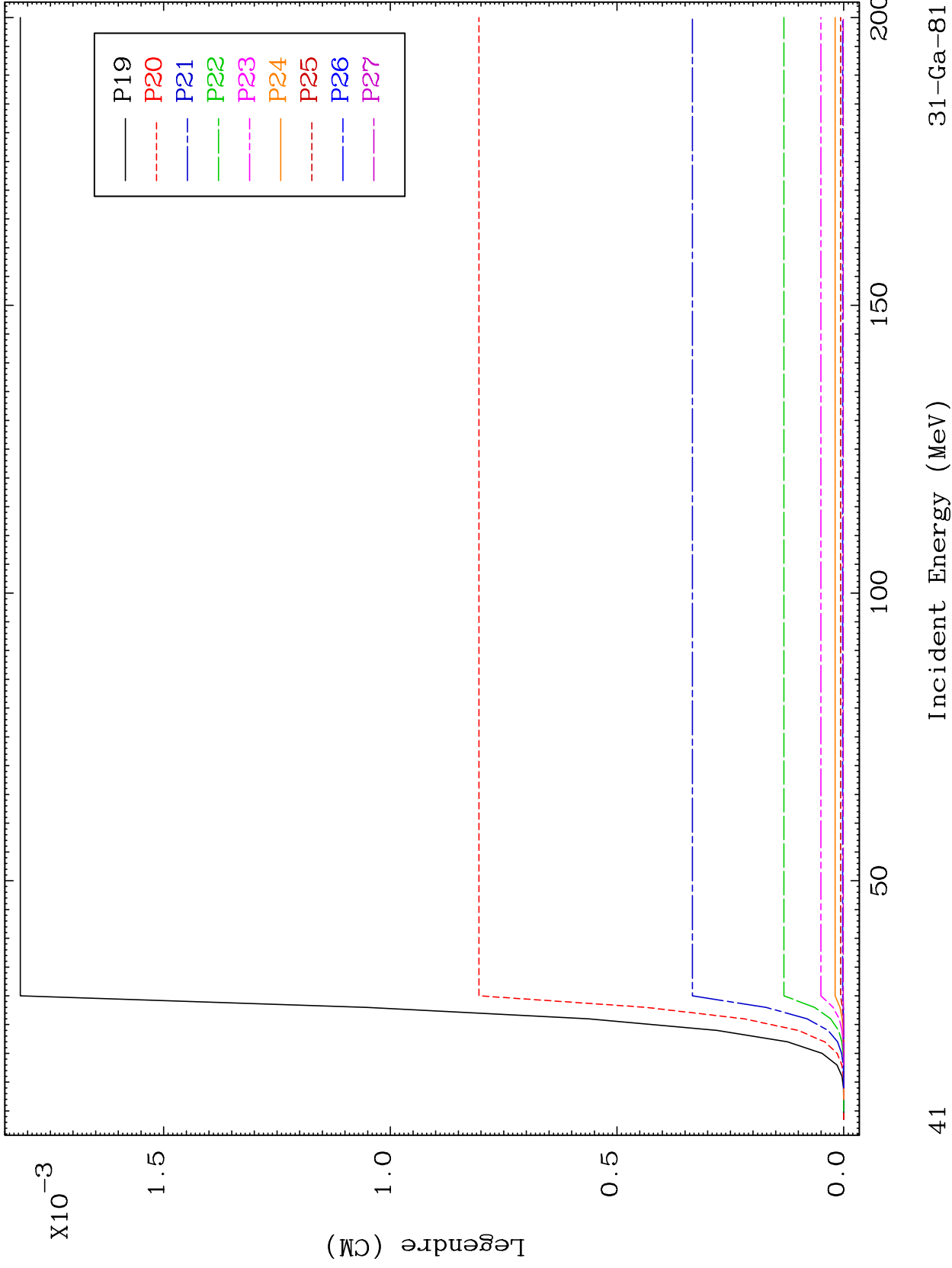




MAT 3161

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Legendre Coefficients

31-Ga-81



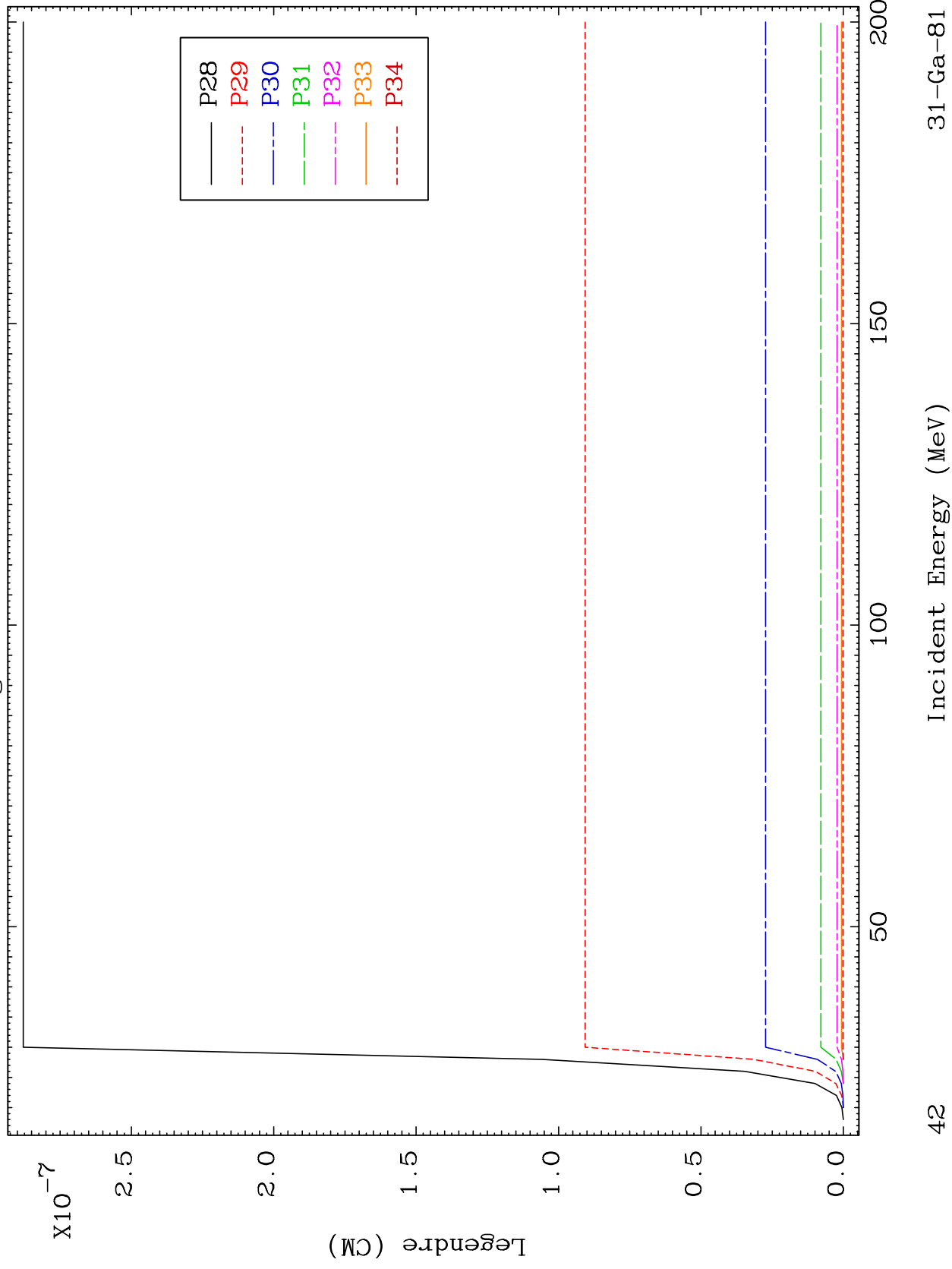
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31-Ga-81

MAT 3161

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

31-Ga-81



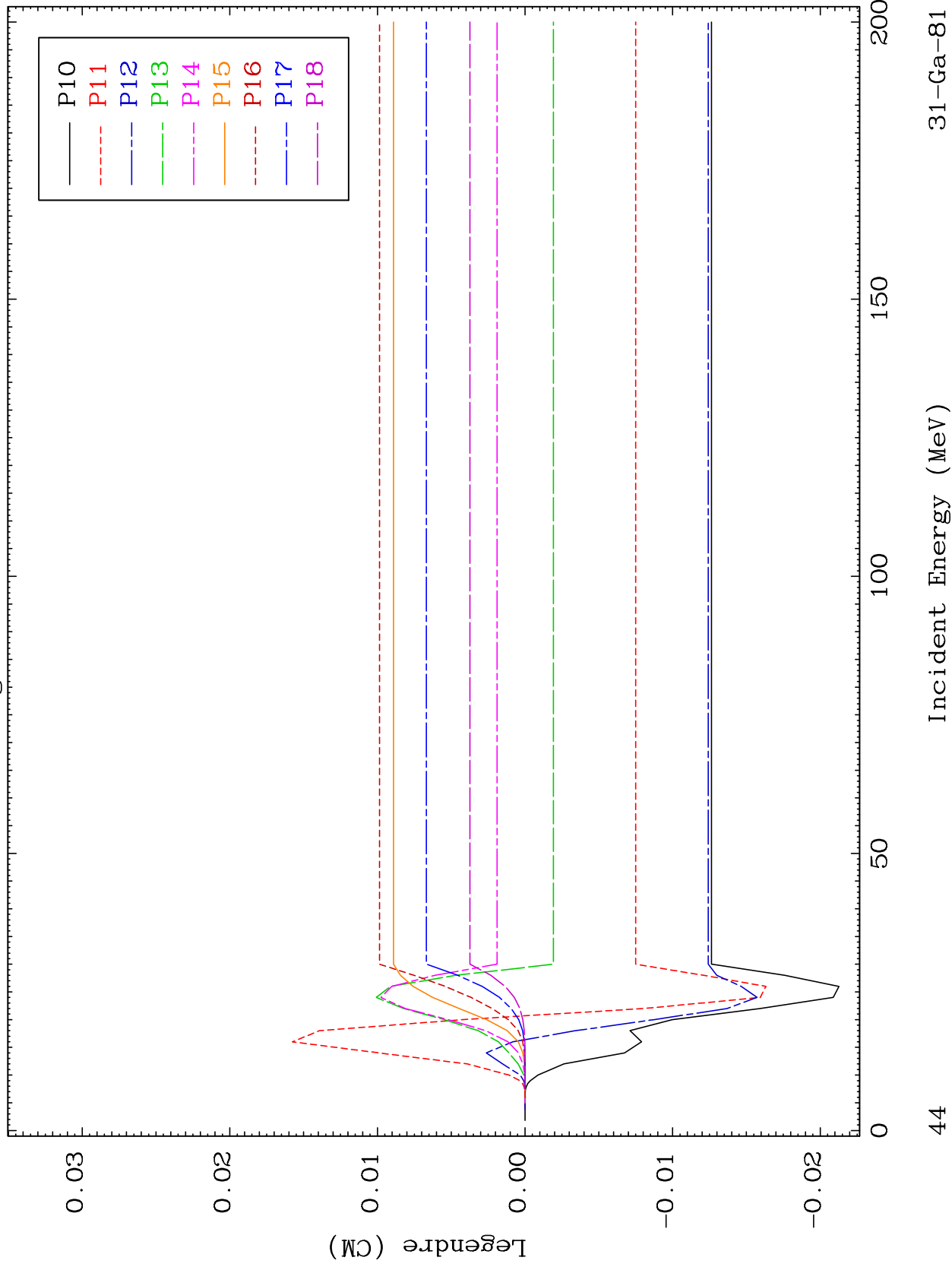
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31-Ga-81

MAT 3161

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

31-Ga-81



44

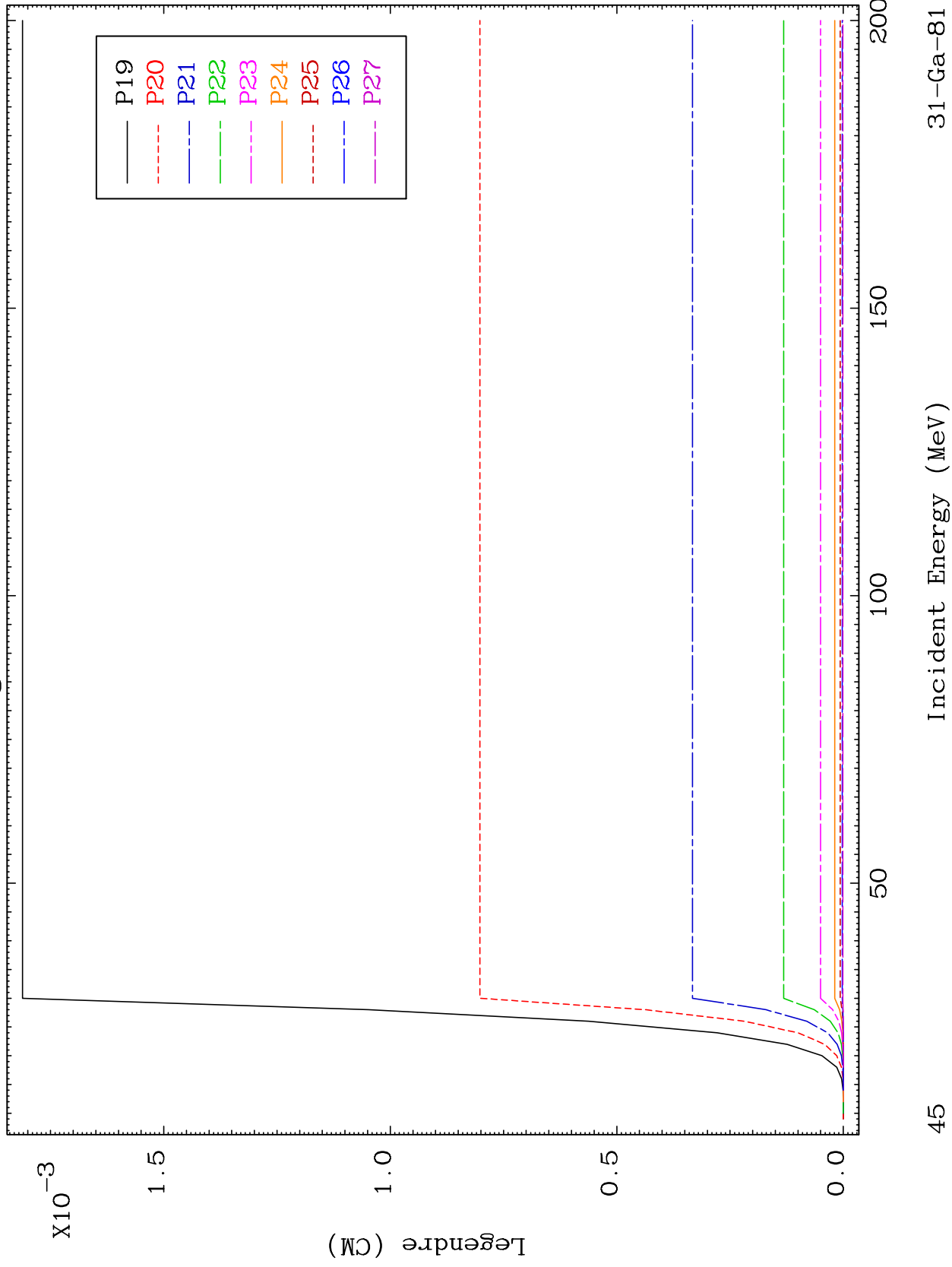
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

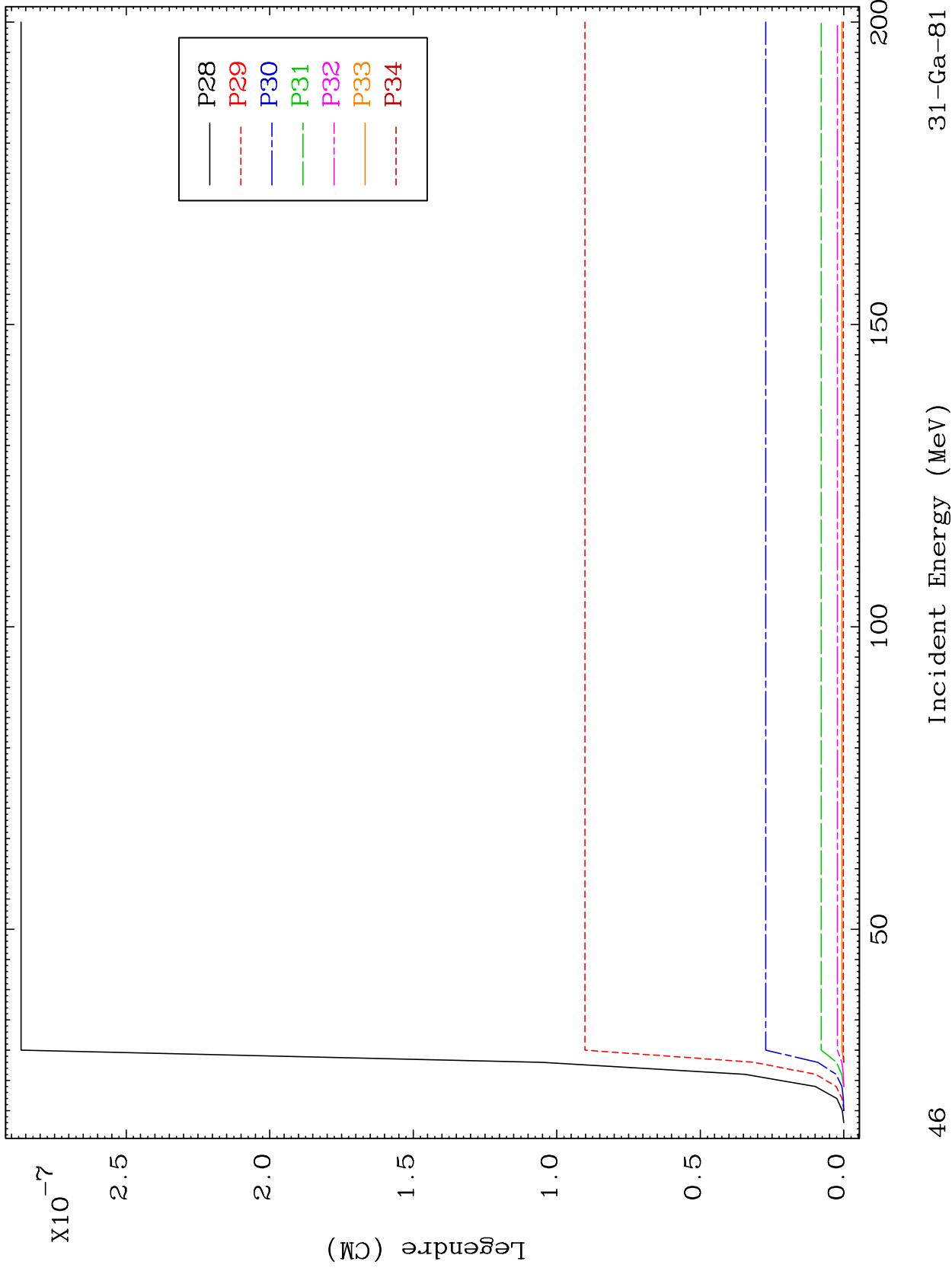
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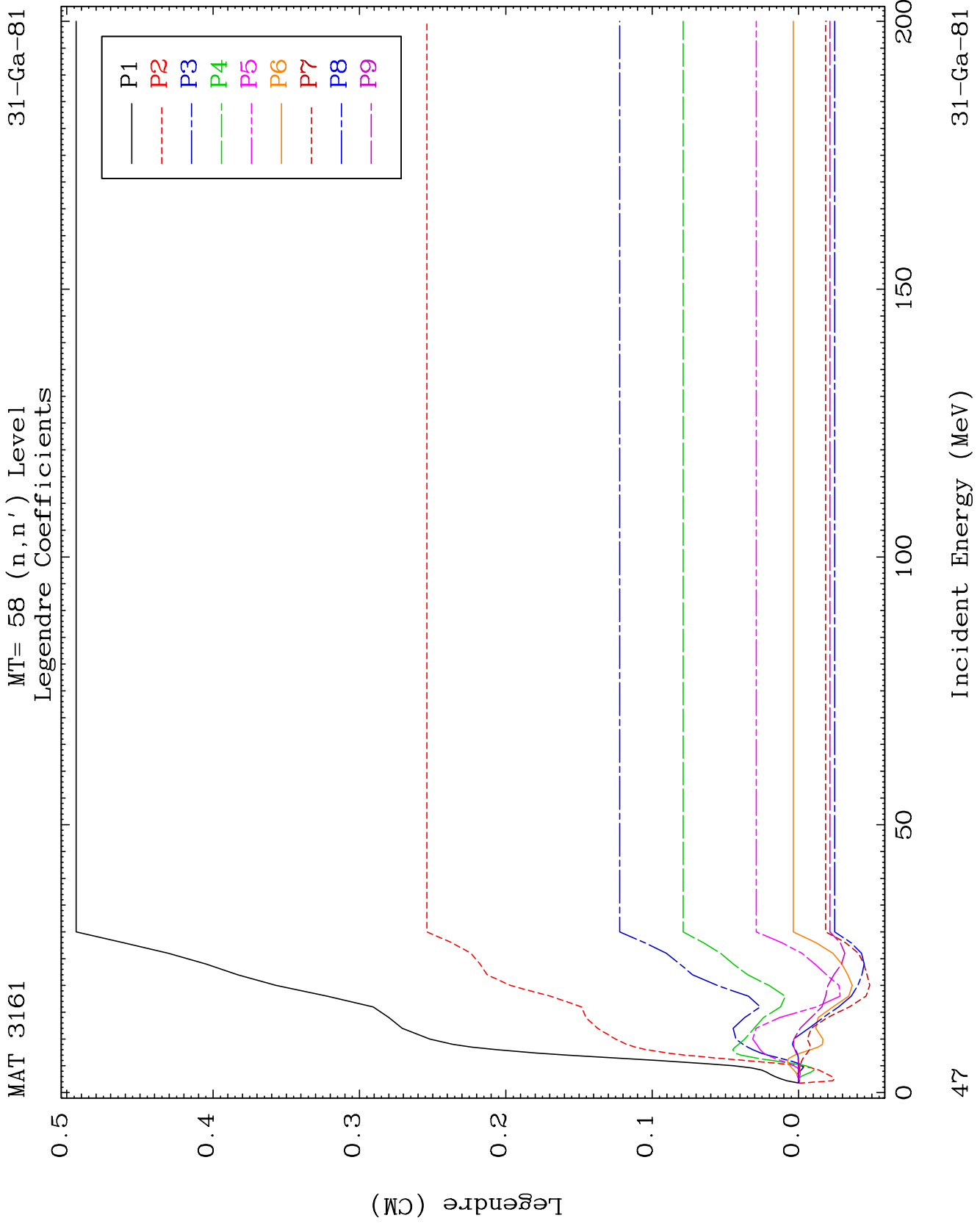


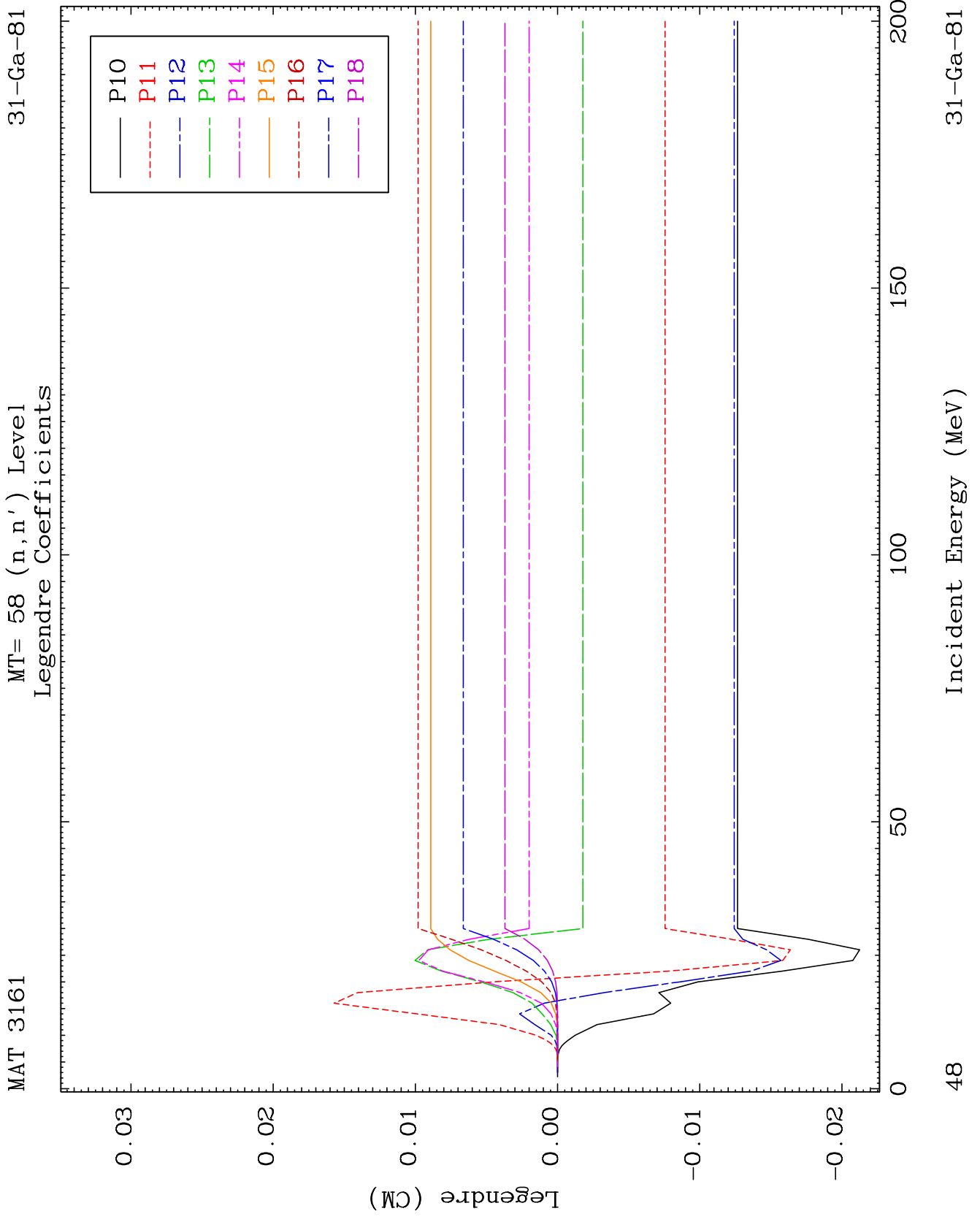
MAT 3161

31-Ga-81

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



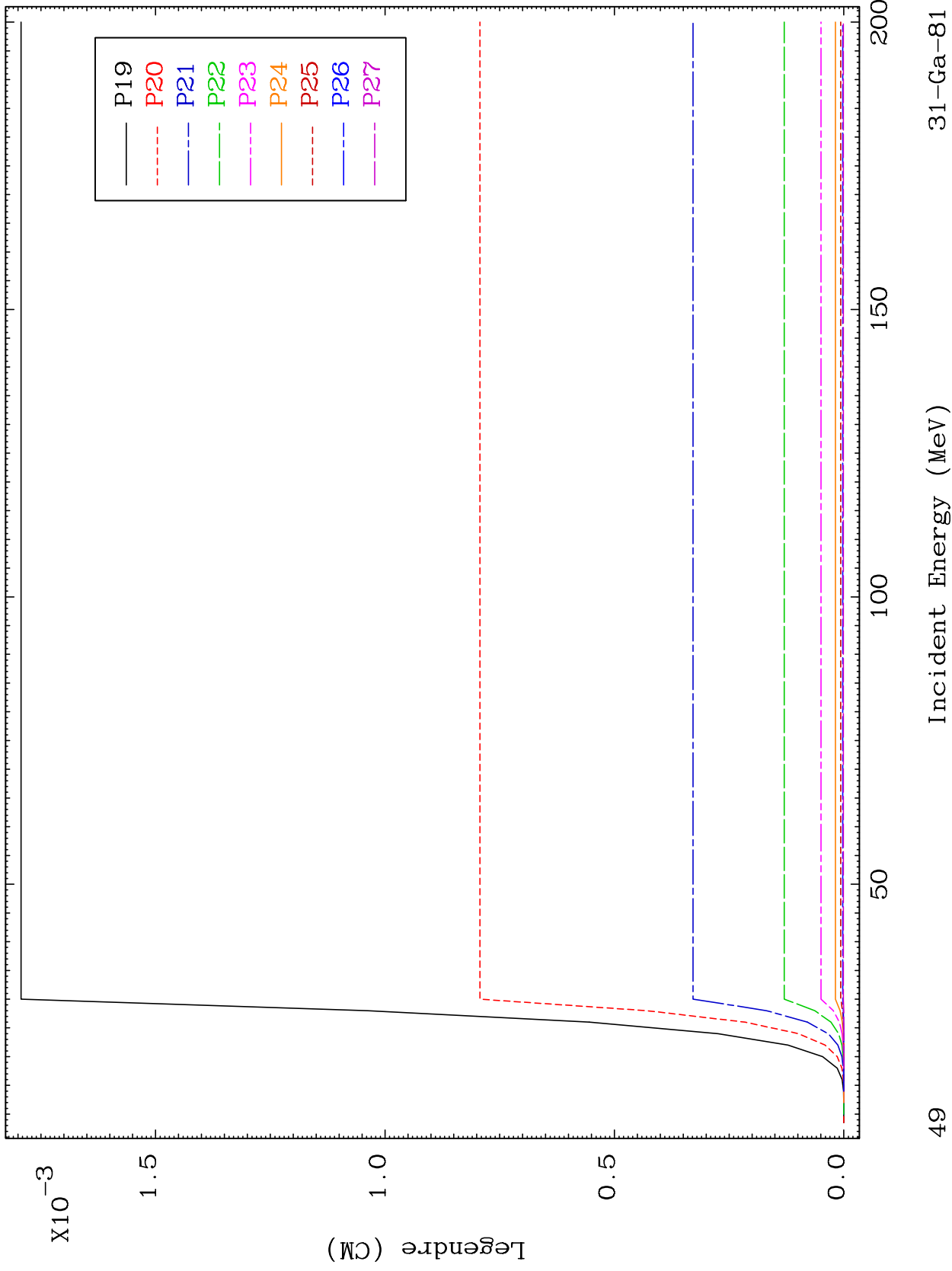


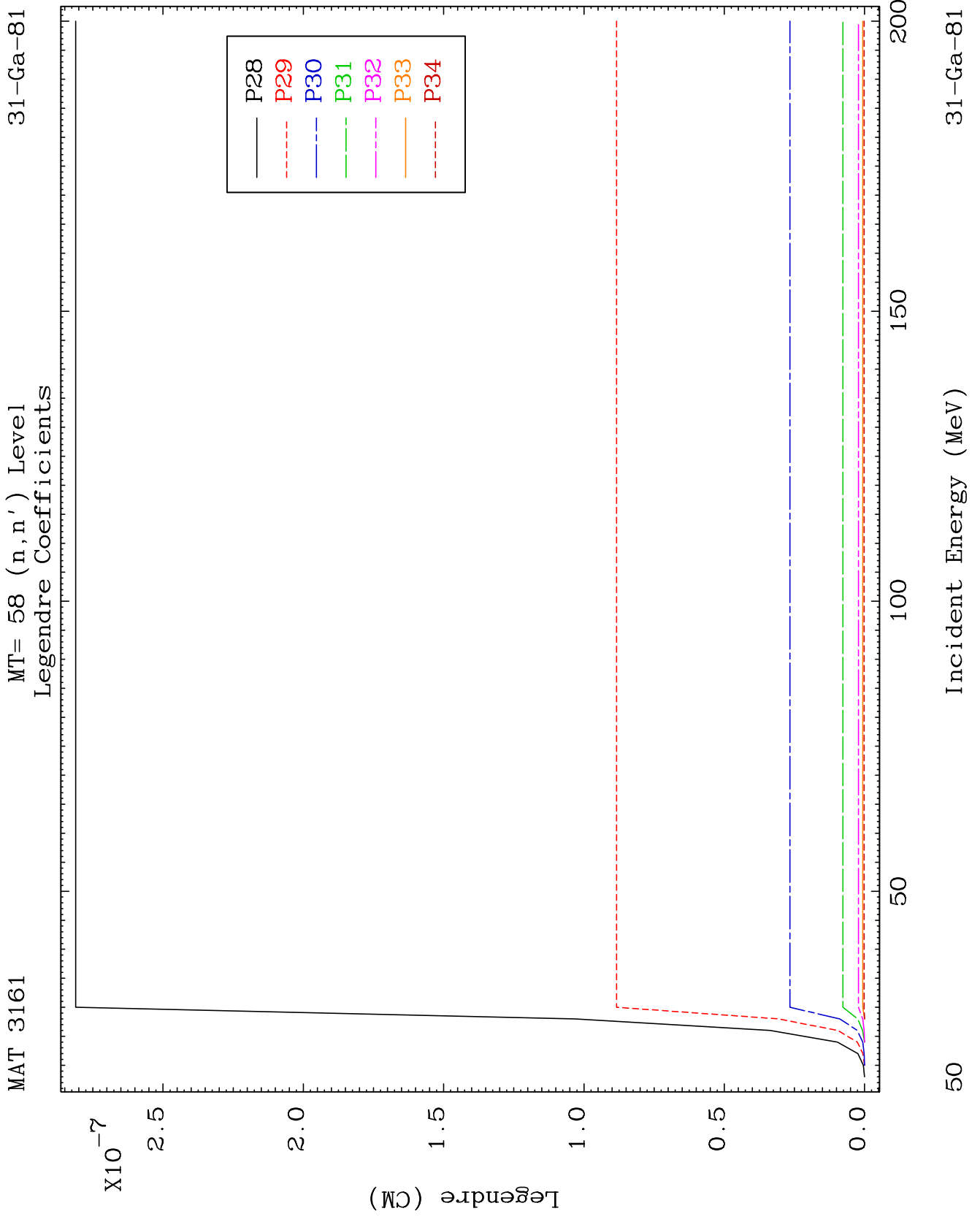


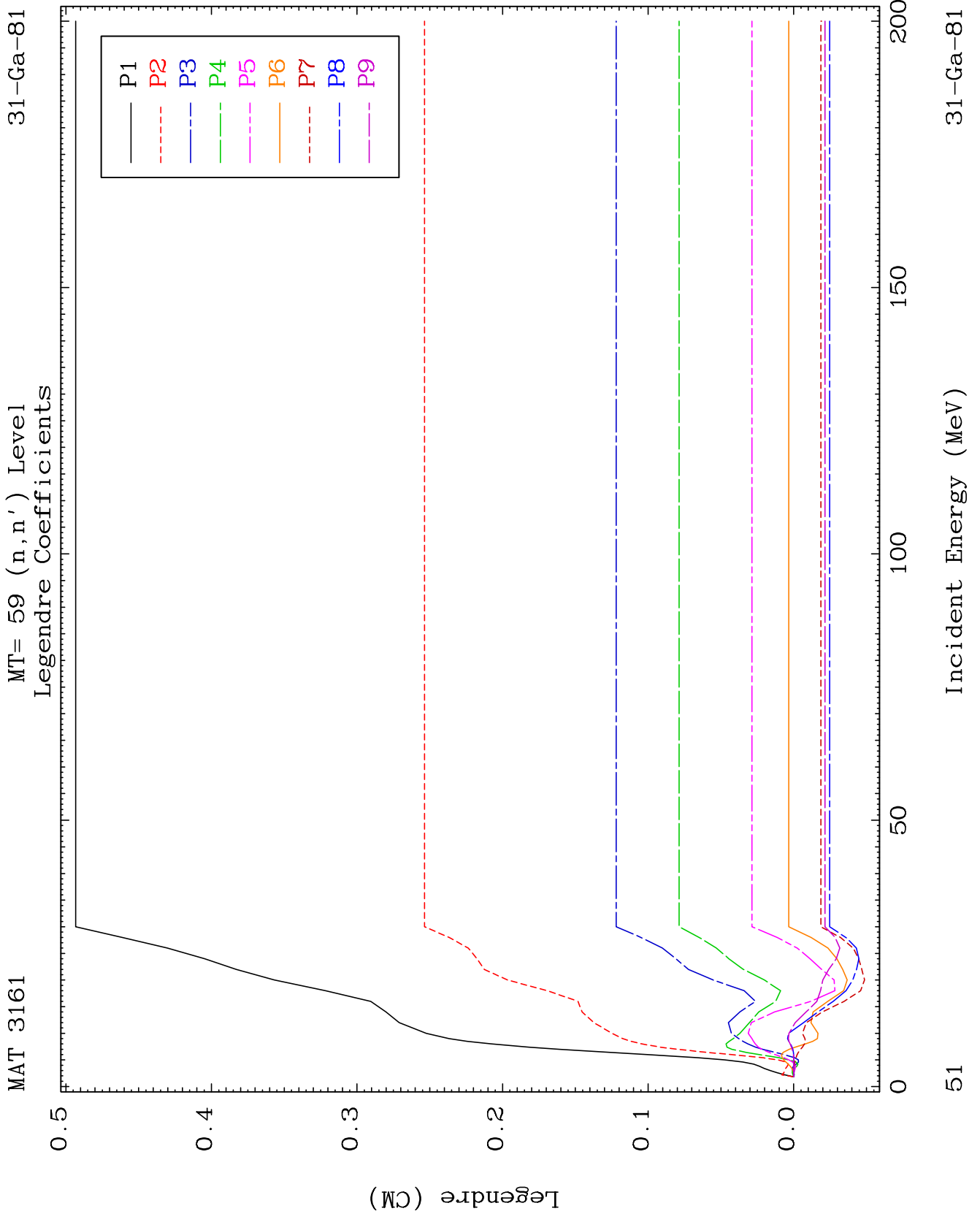
MAT 3161

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

31-Ga-81



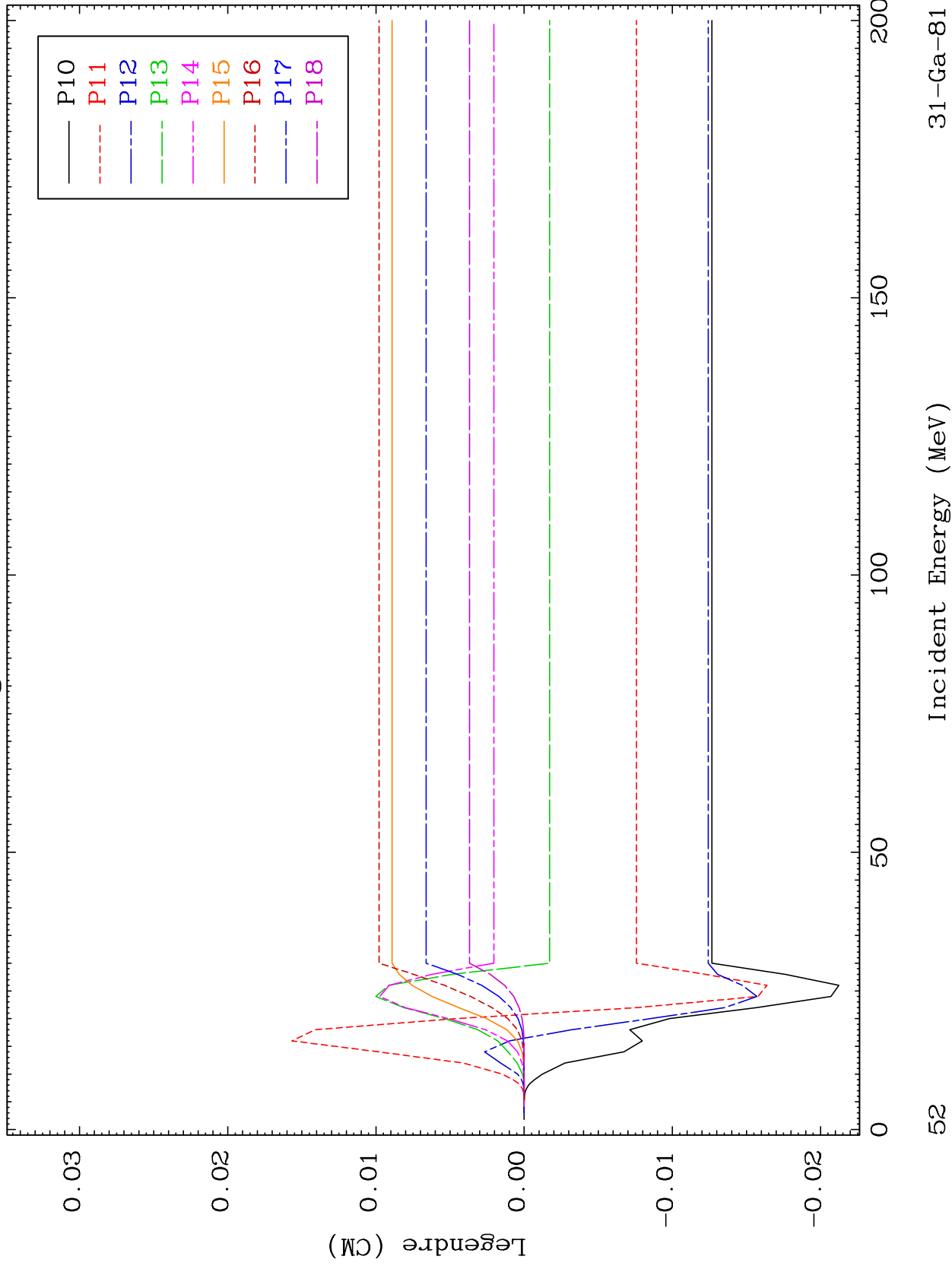




MAT 3161

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

31-Ga-81



31-Ga-81

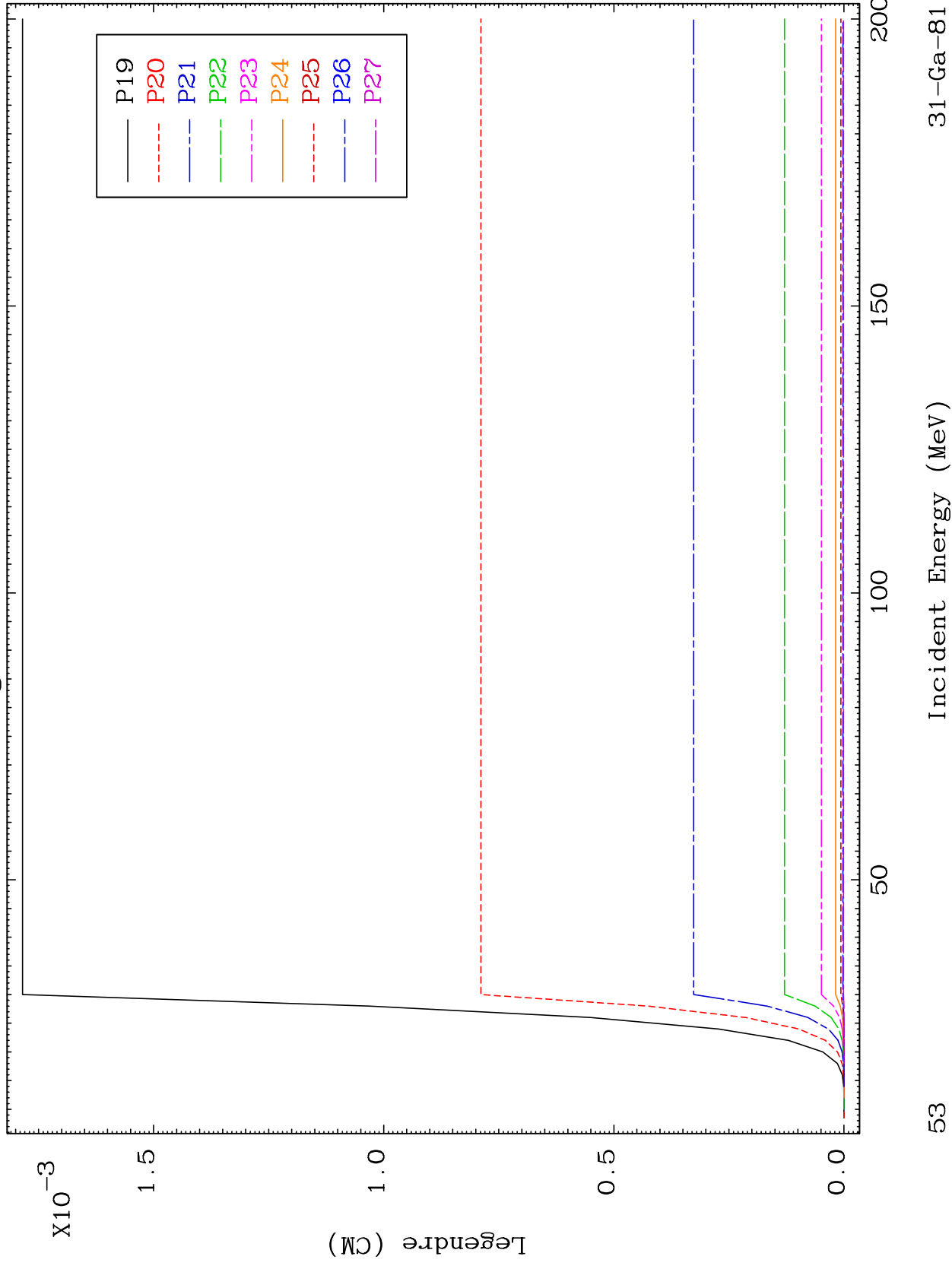
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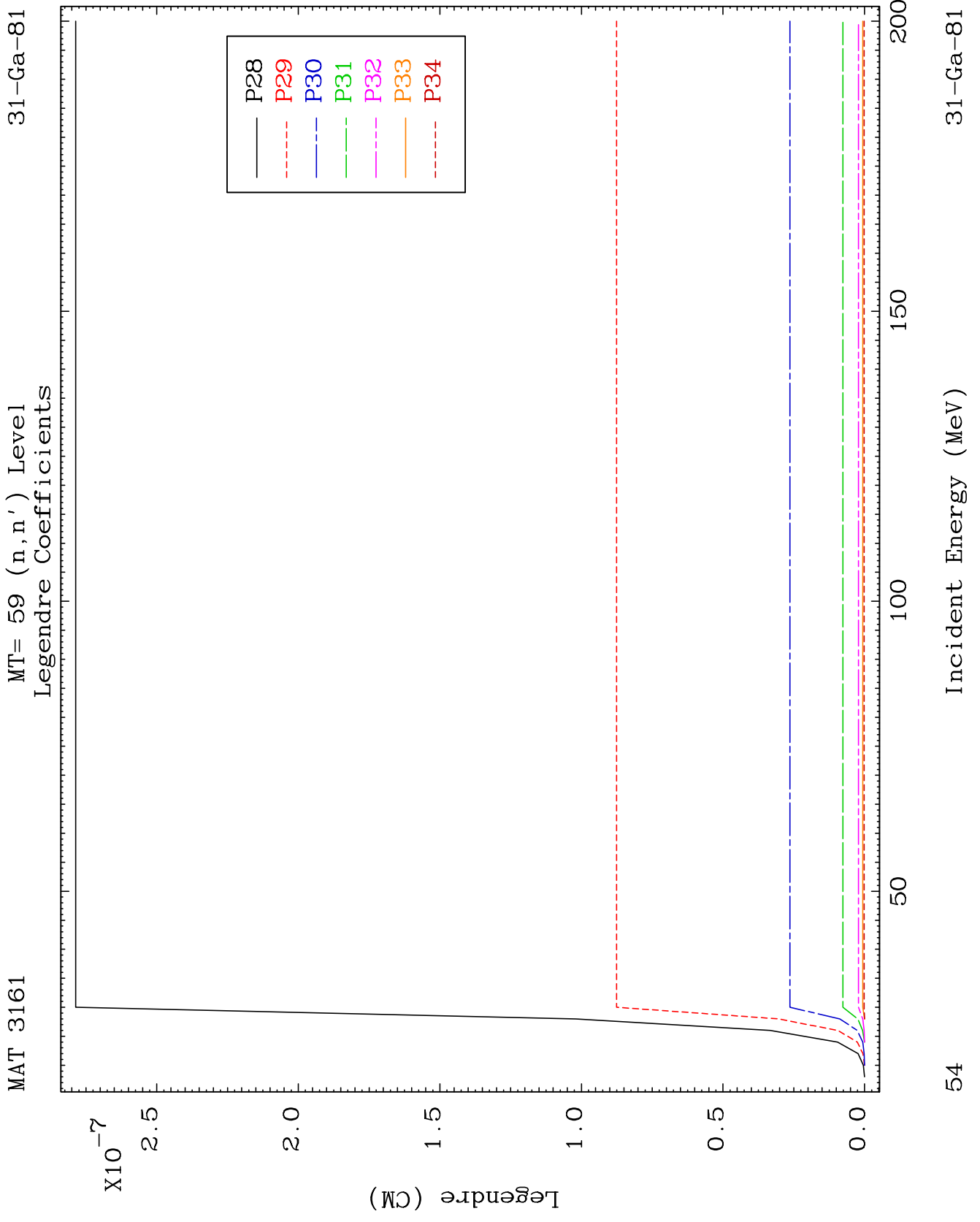
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MAT 3161

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

31-Ga-81

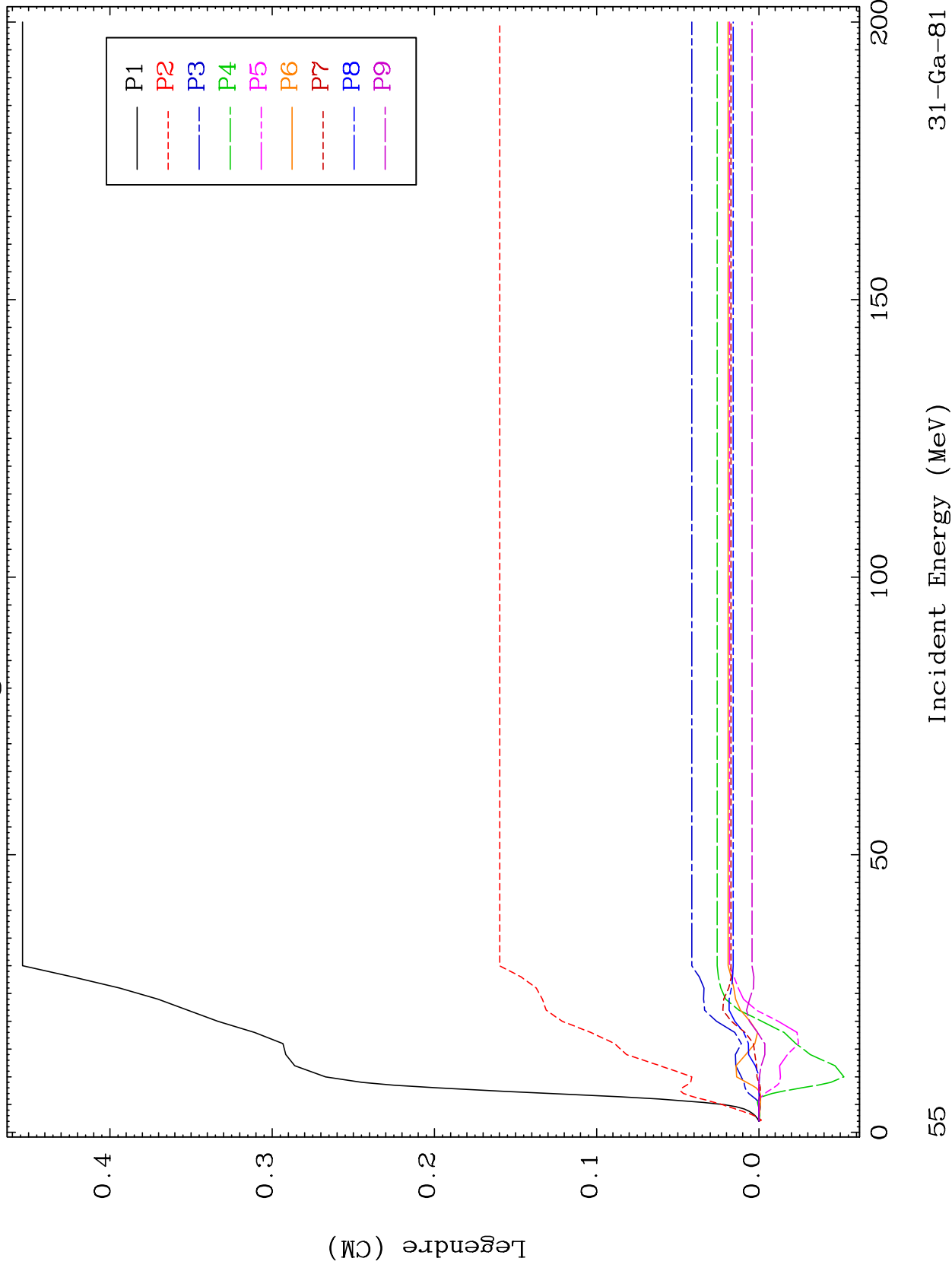




MAT 3161

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

31-Ga-81



31-Ga-81

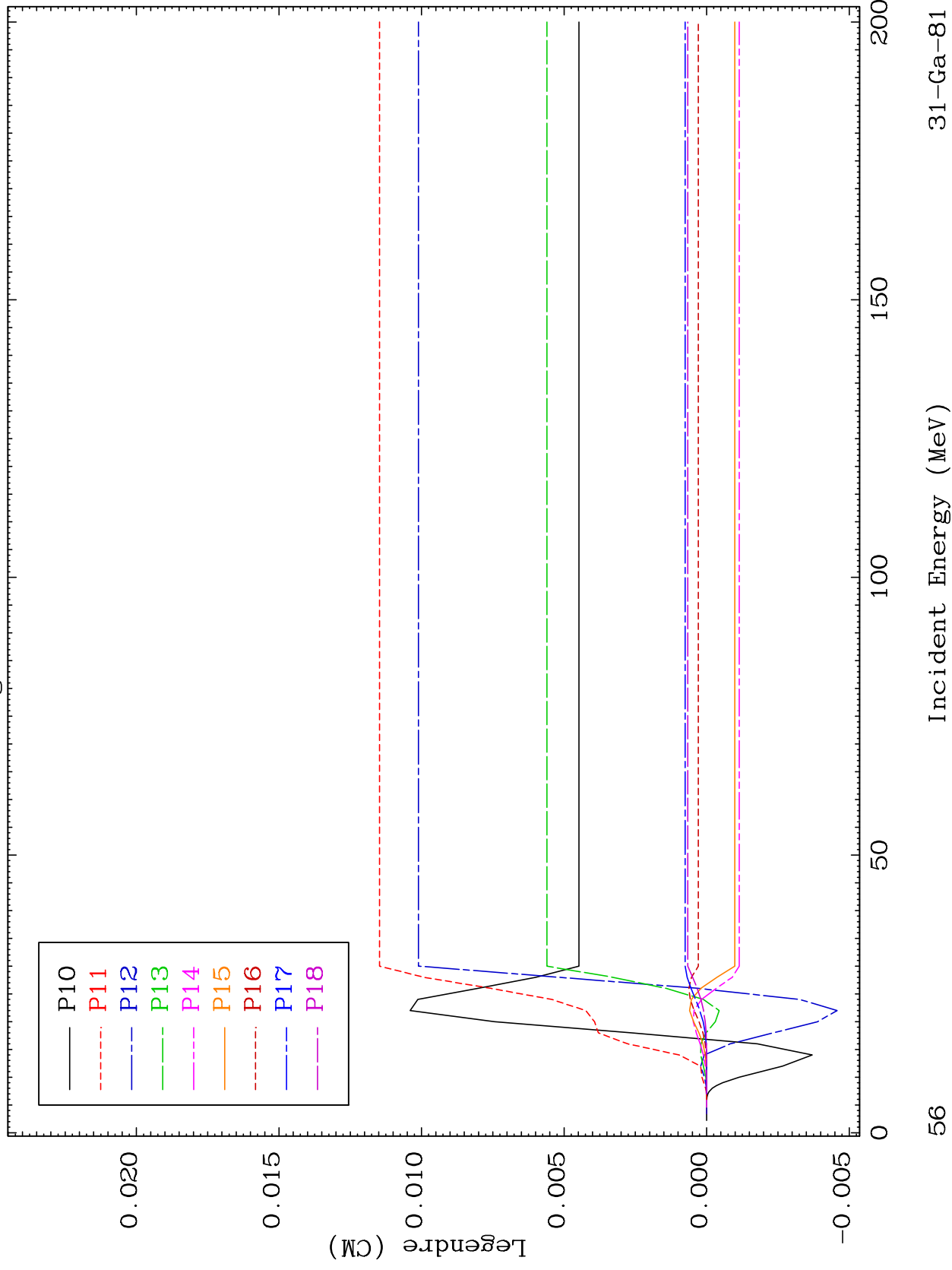
Incident Energy (MeV)

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MAT 3161

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

31-Ga-81



31-Ga-81

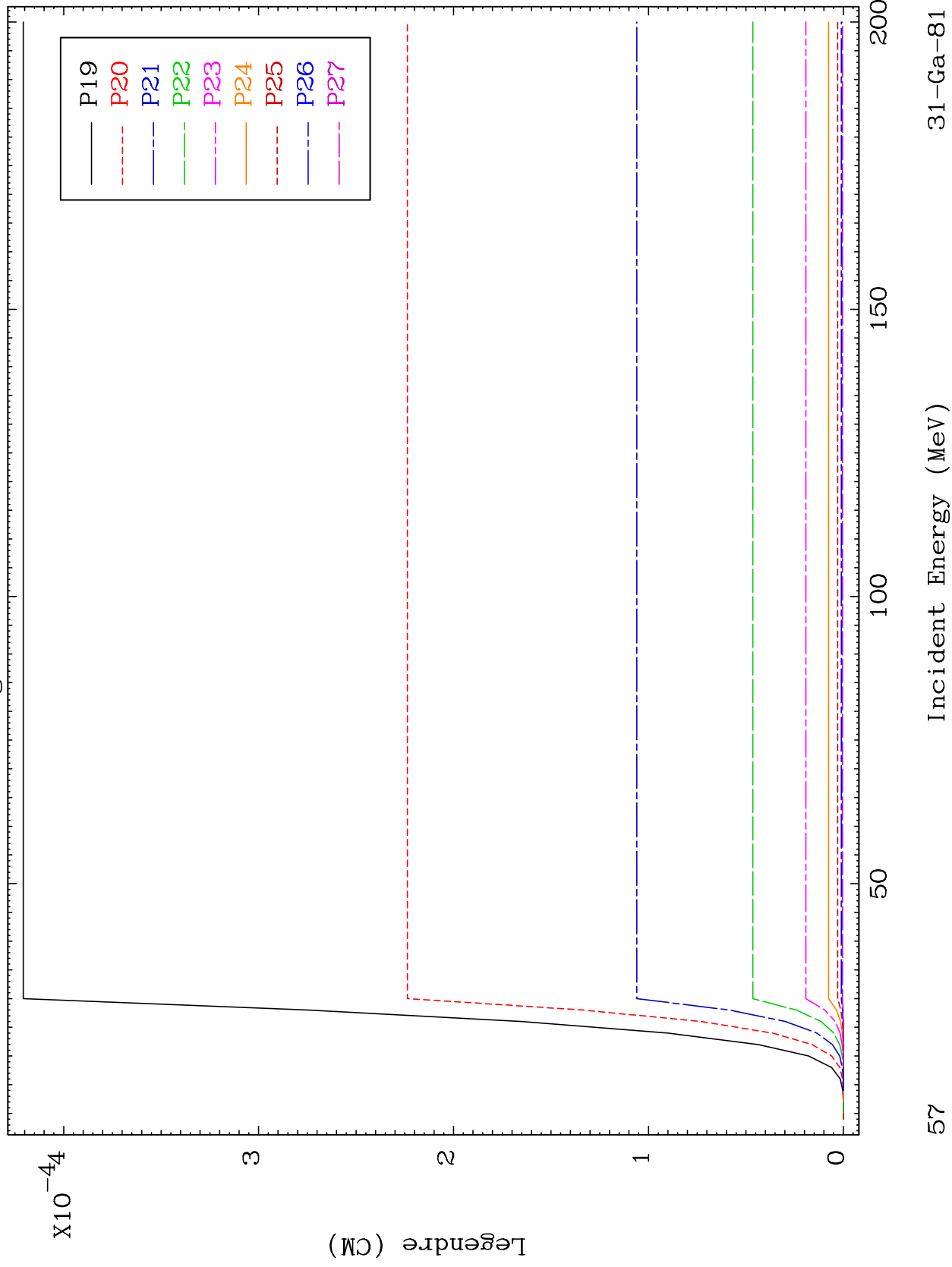
Incident Energy (MeV)

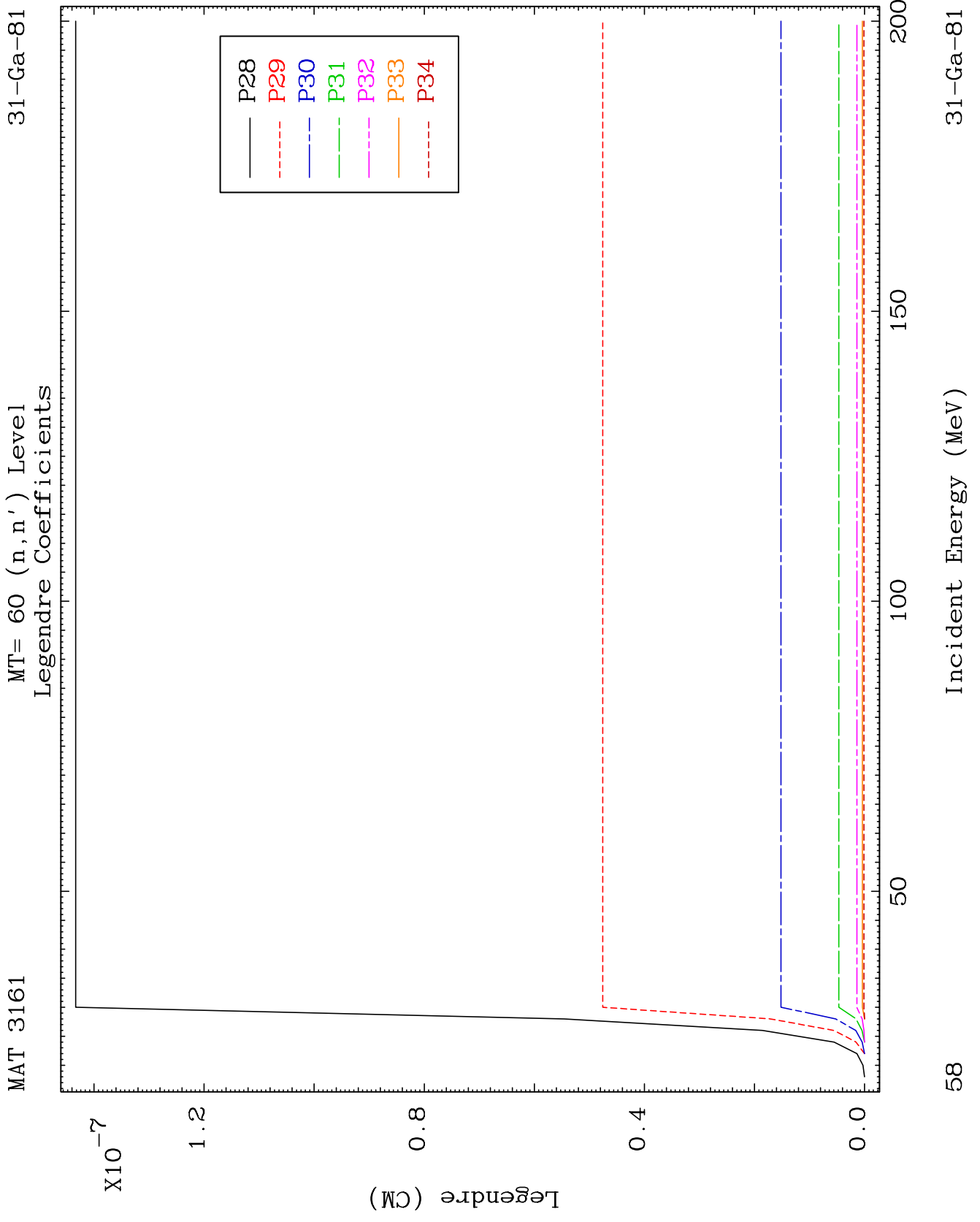
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MAT 3161

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

31-Ga-81

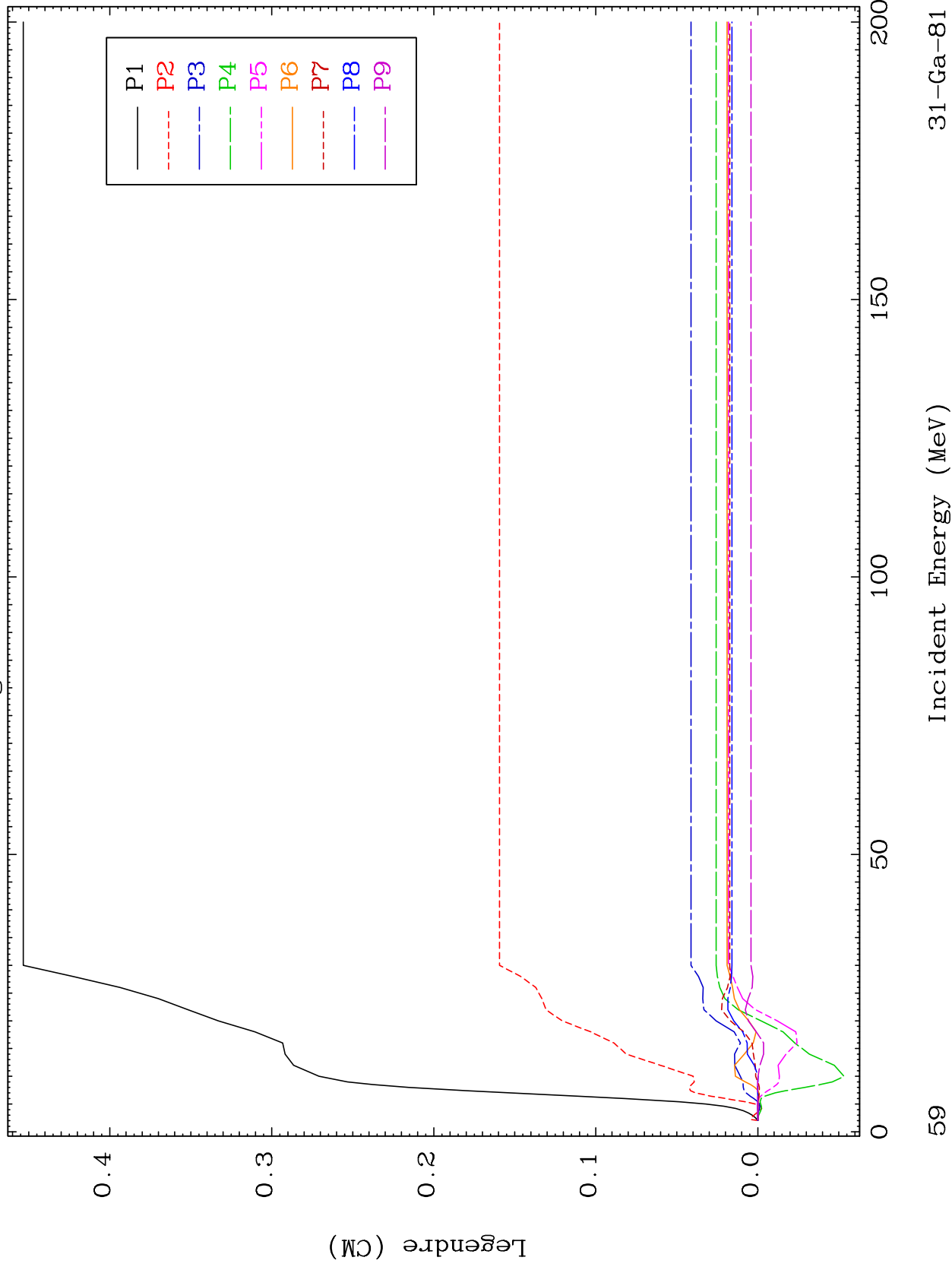




MAT 3161

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

31-Ga-81



31-Ga-81

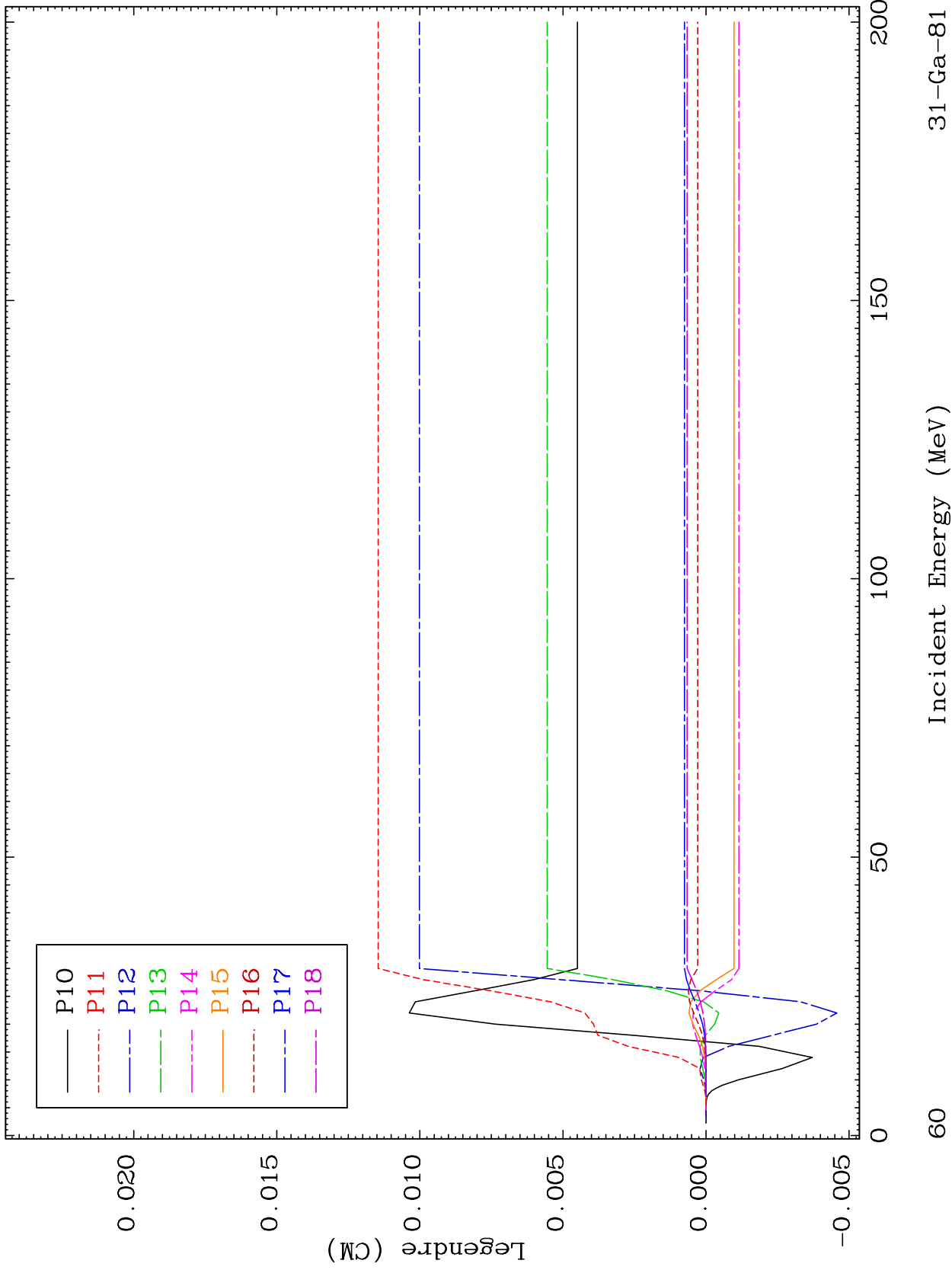
Incident Energy (MeV)

59

MAT 3161

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

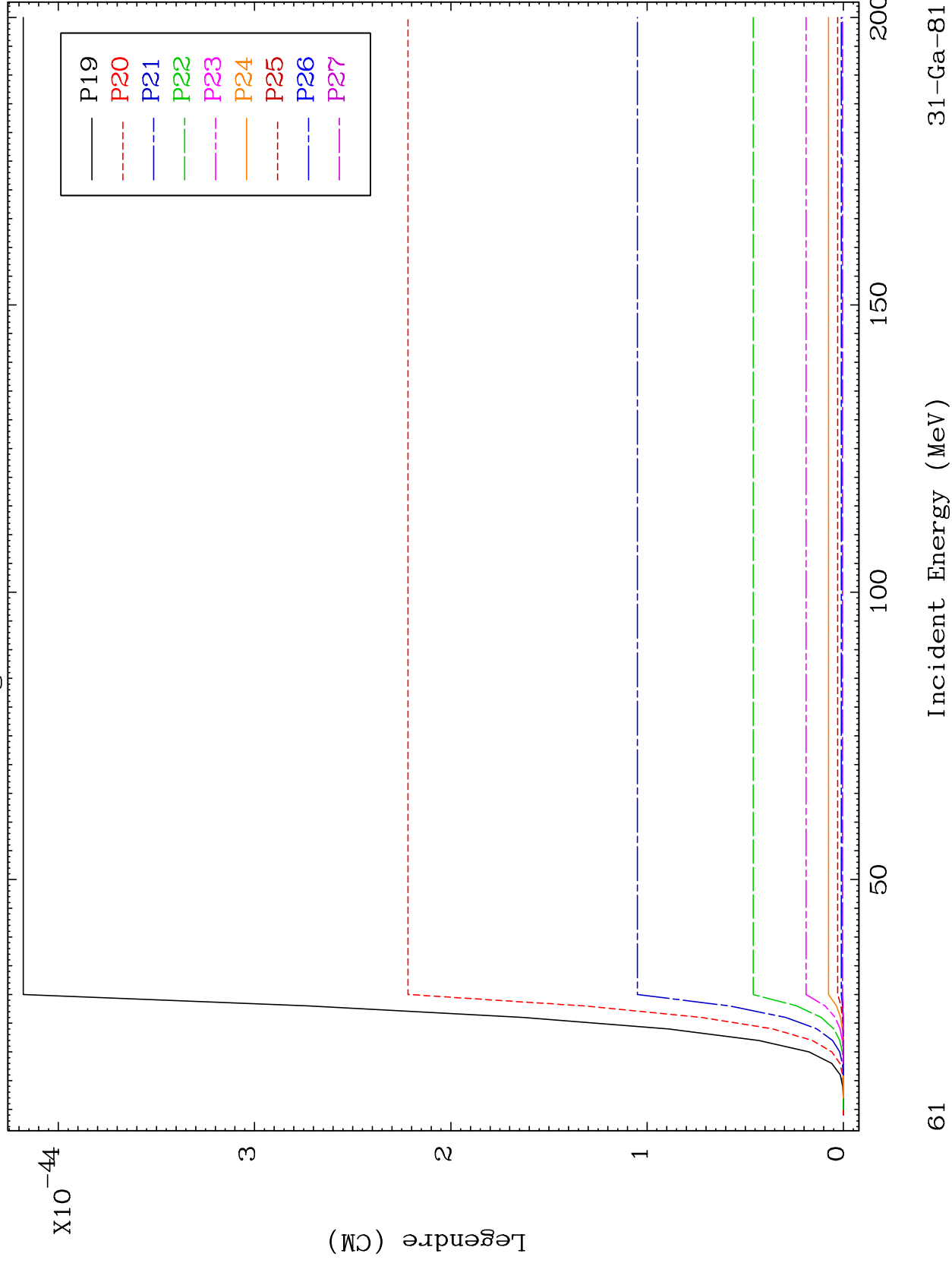
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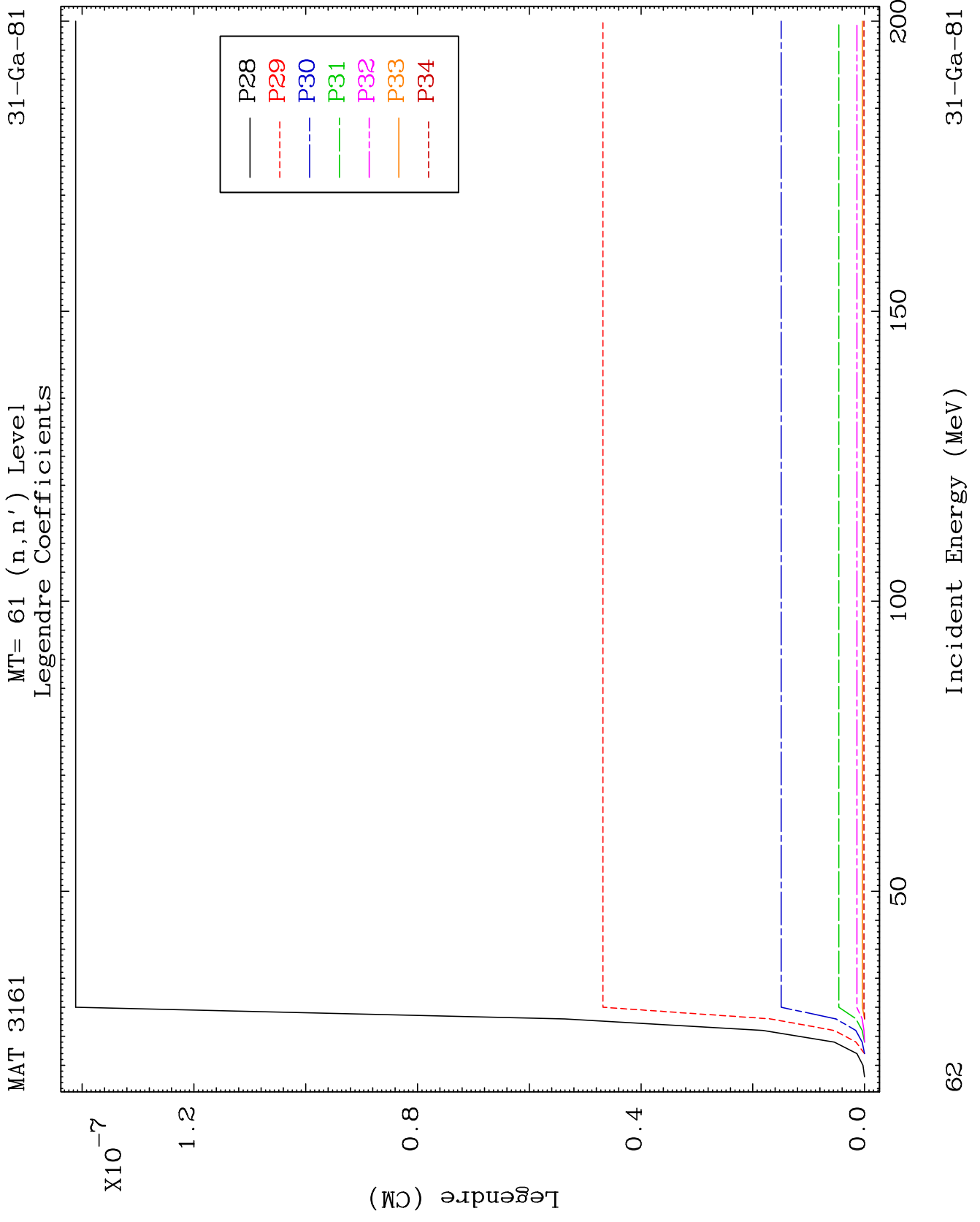


MAT 3161

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

31-Ga-81

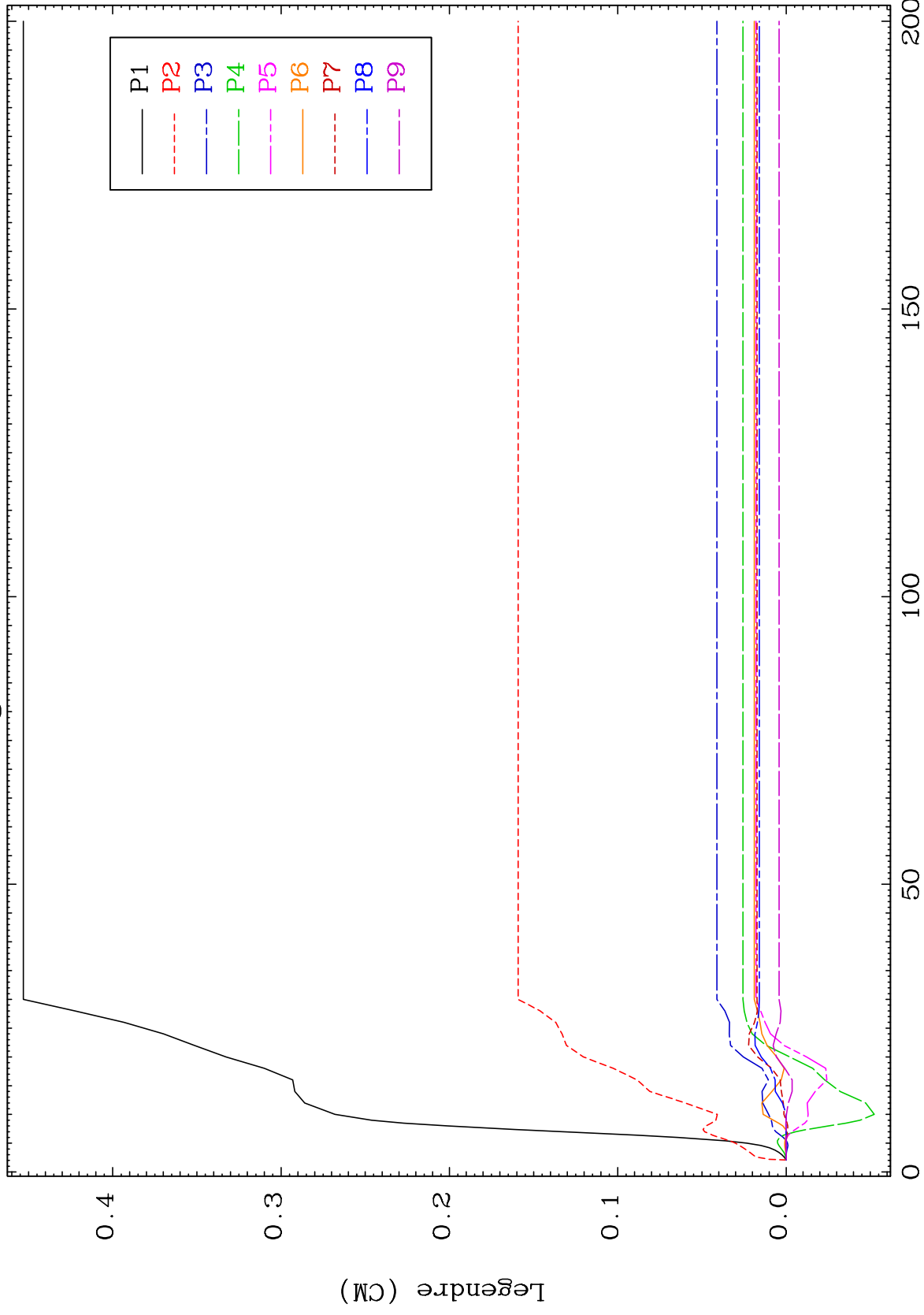




MAT 3161

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

31-Ga-81



63

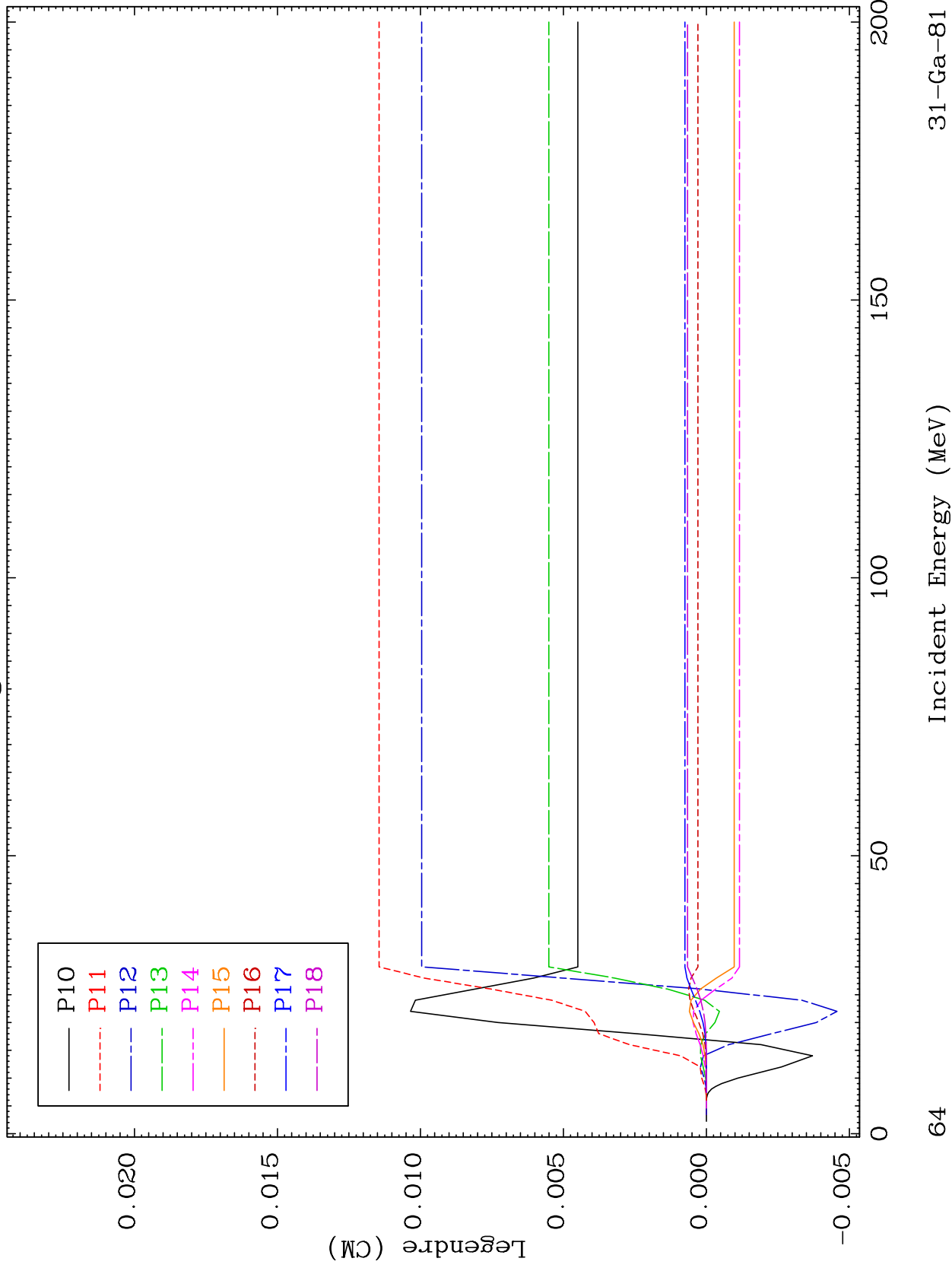
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

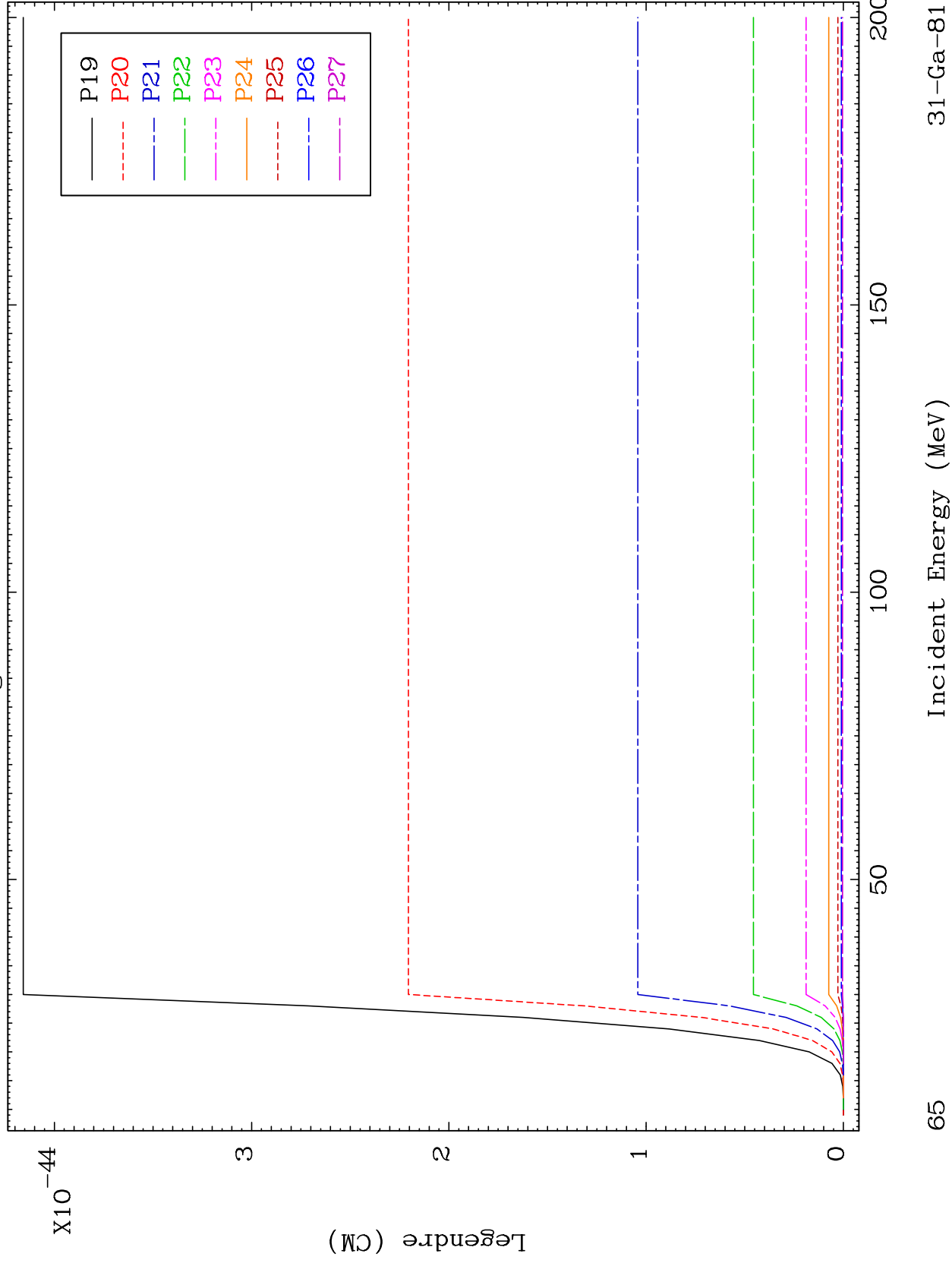
31-Ga-81



MAT 3161

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

31-Ga-81



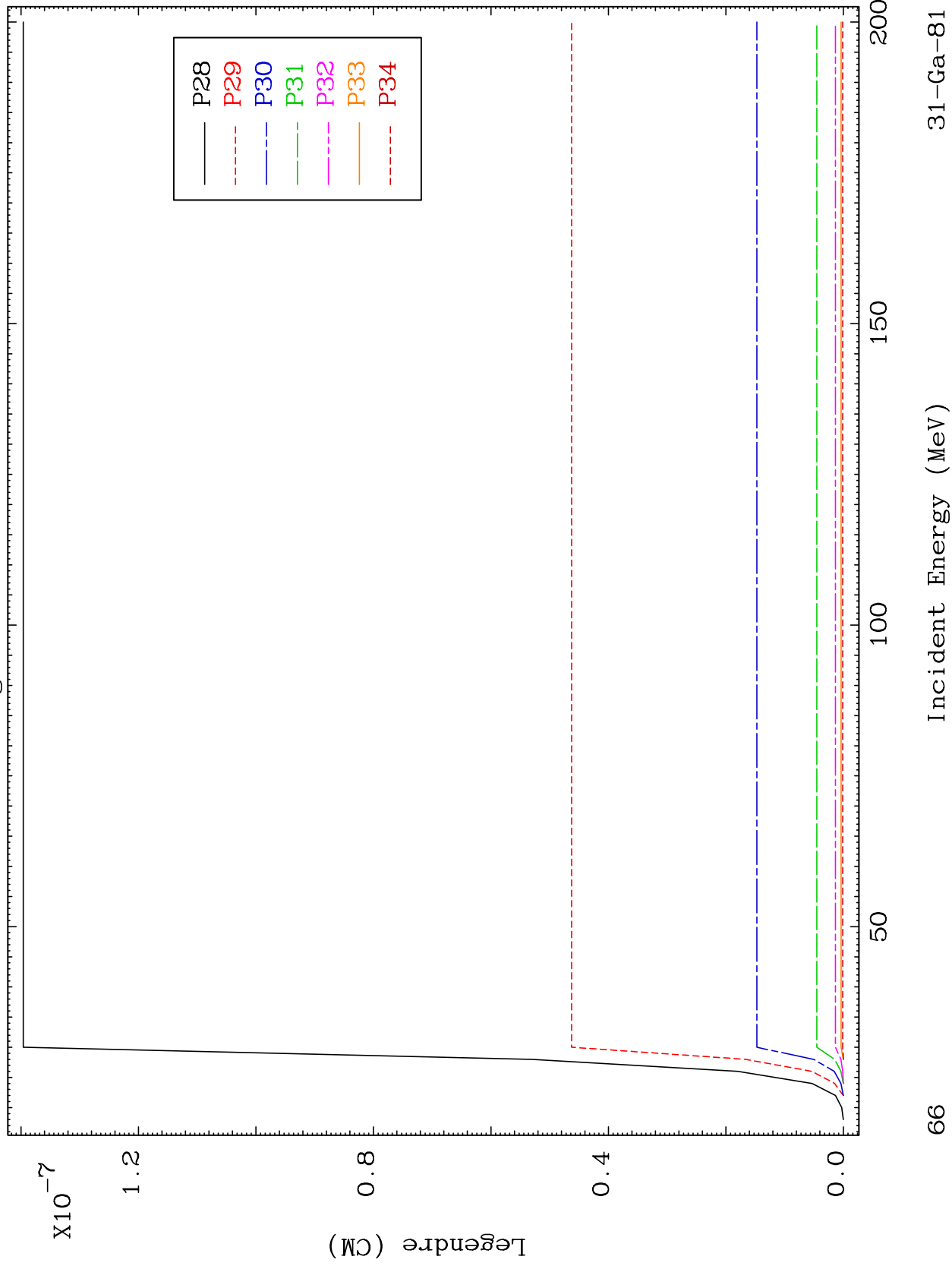
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31-Ga-81

MAT 3161

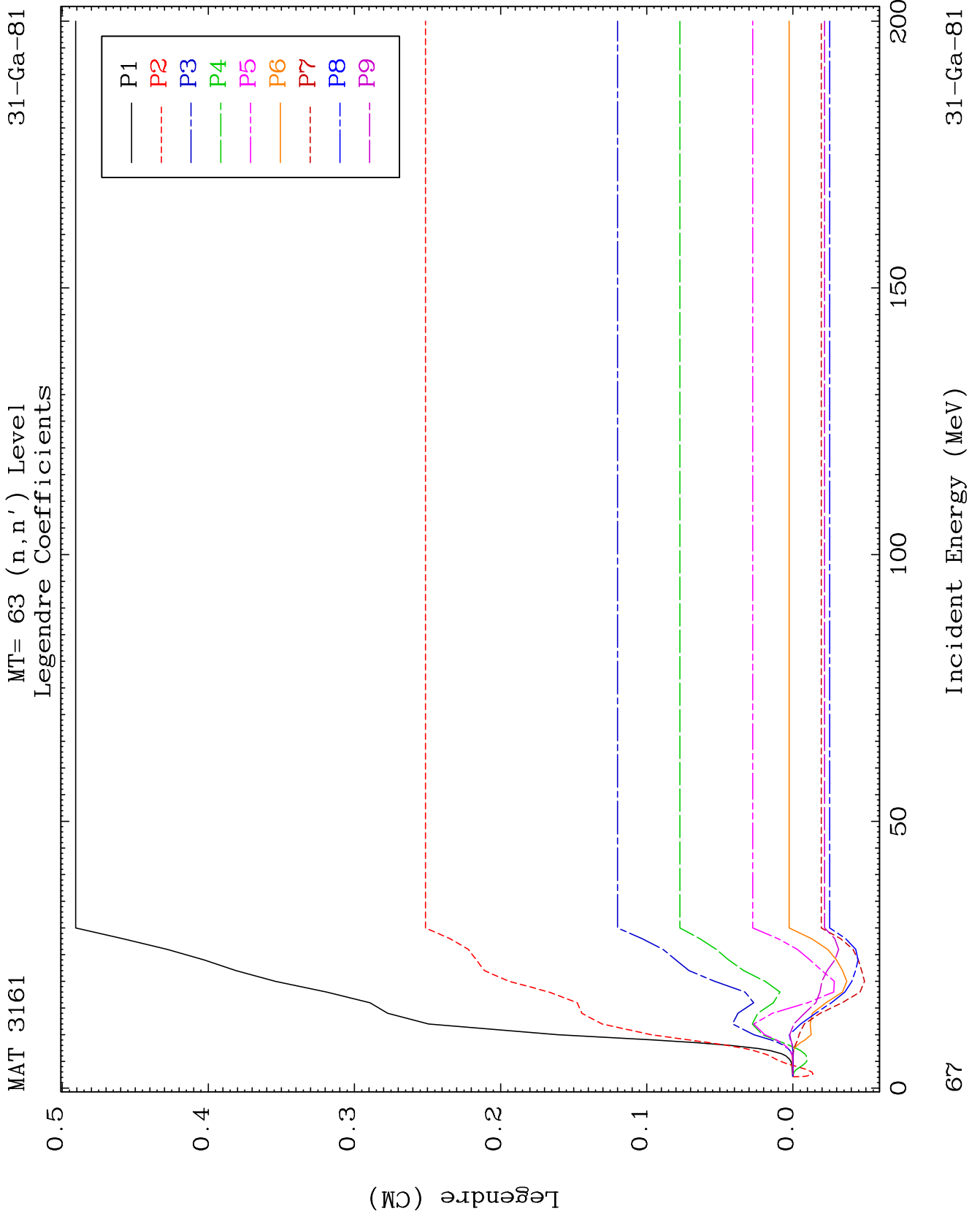
MT= 62 (n,n') Level
Legendre Coefficients

31-Ga-81



66

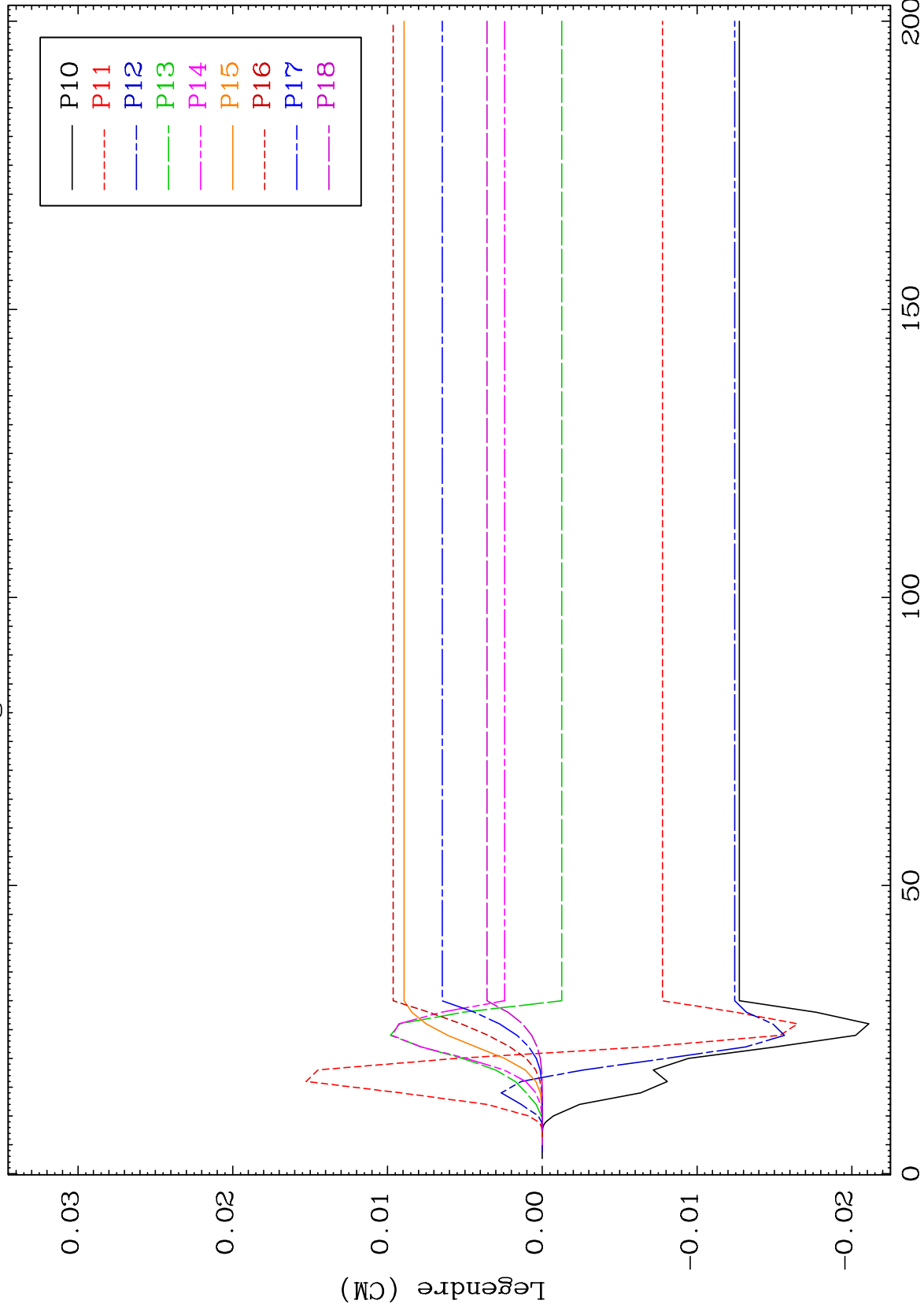
31-Ga-81



MAT 3161

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

31-Ga-81



68

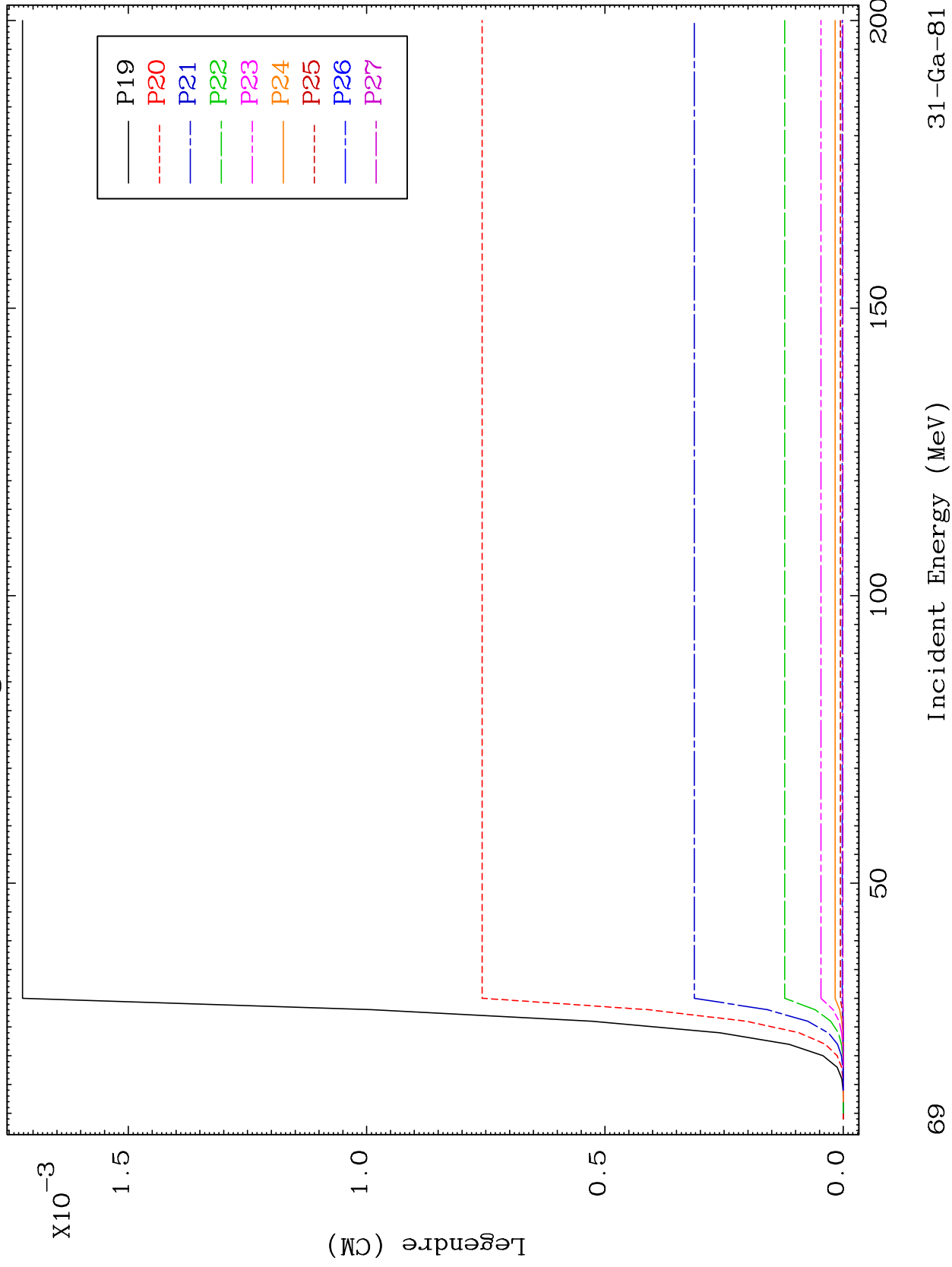
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

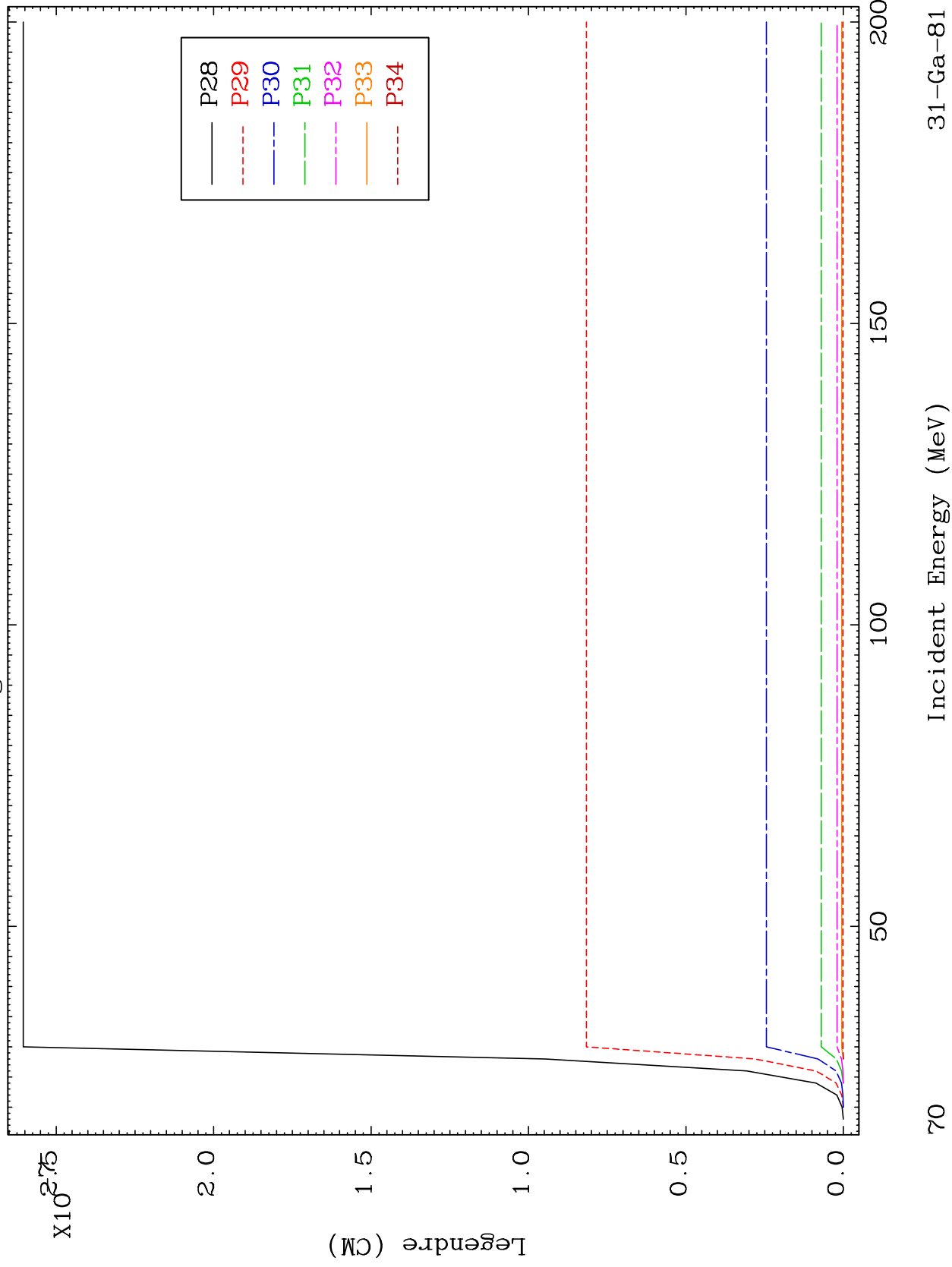
31-Ga-81



MAT 3161

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

31-Ga-81



31-Ga-81

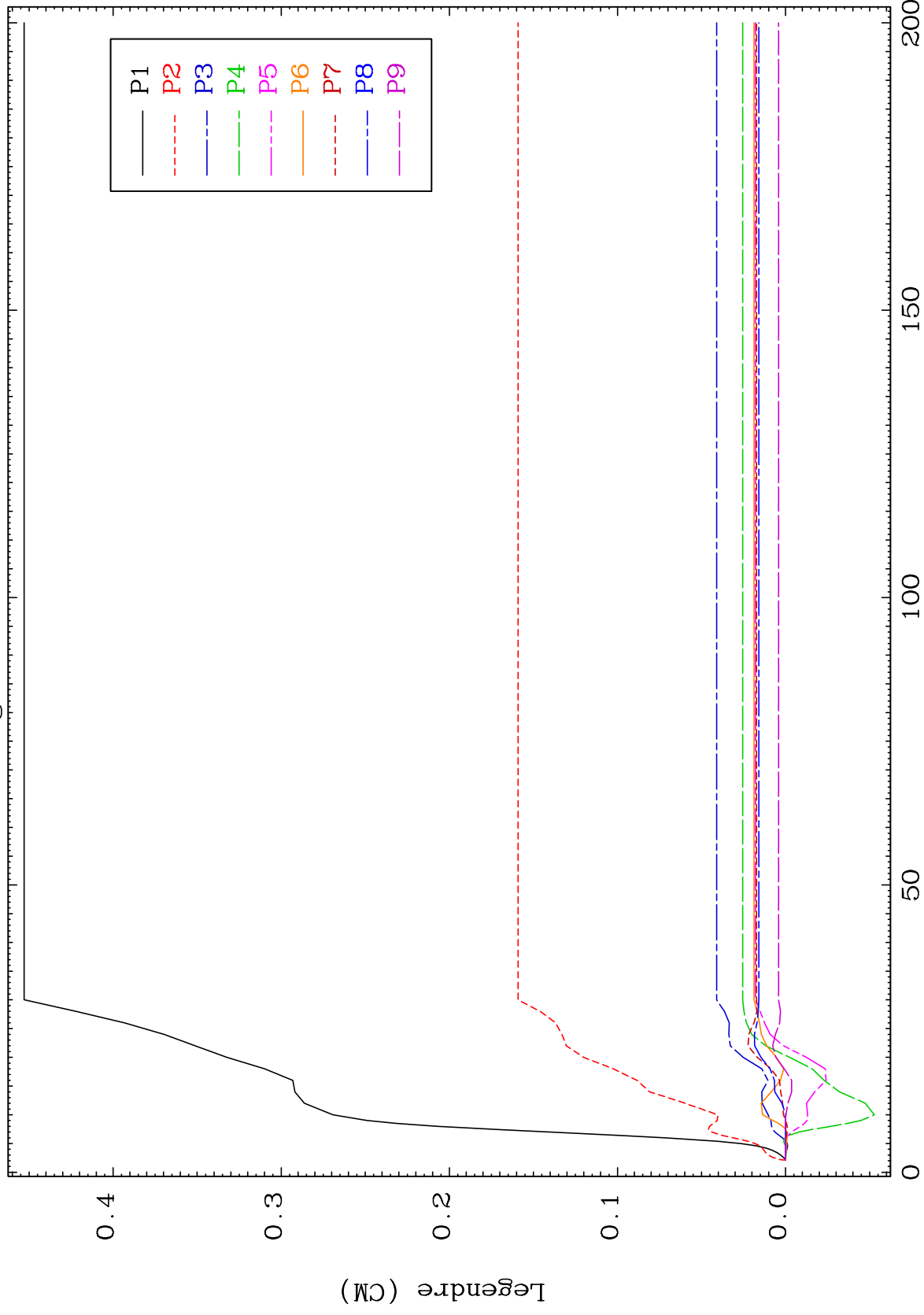
Incident Energy (MeV)

70

MAT 3161

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

31-Ga-81



71

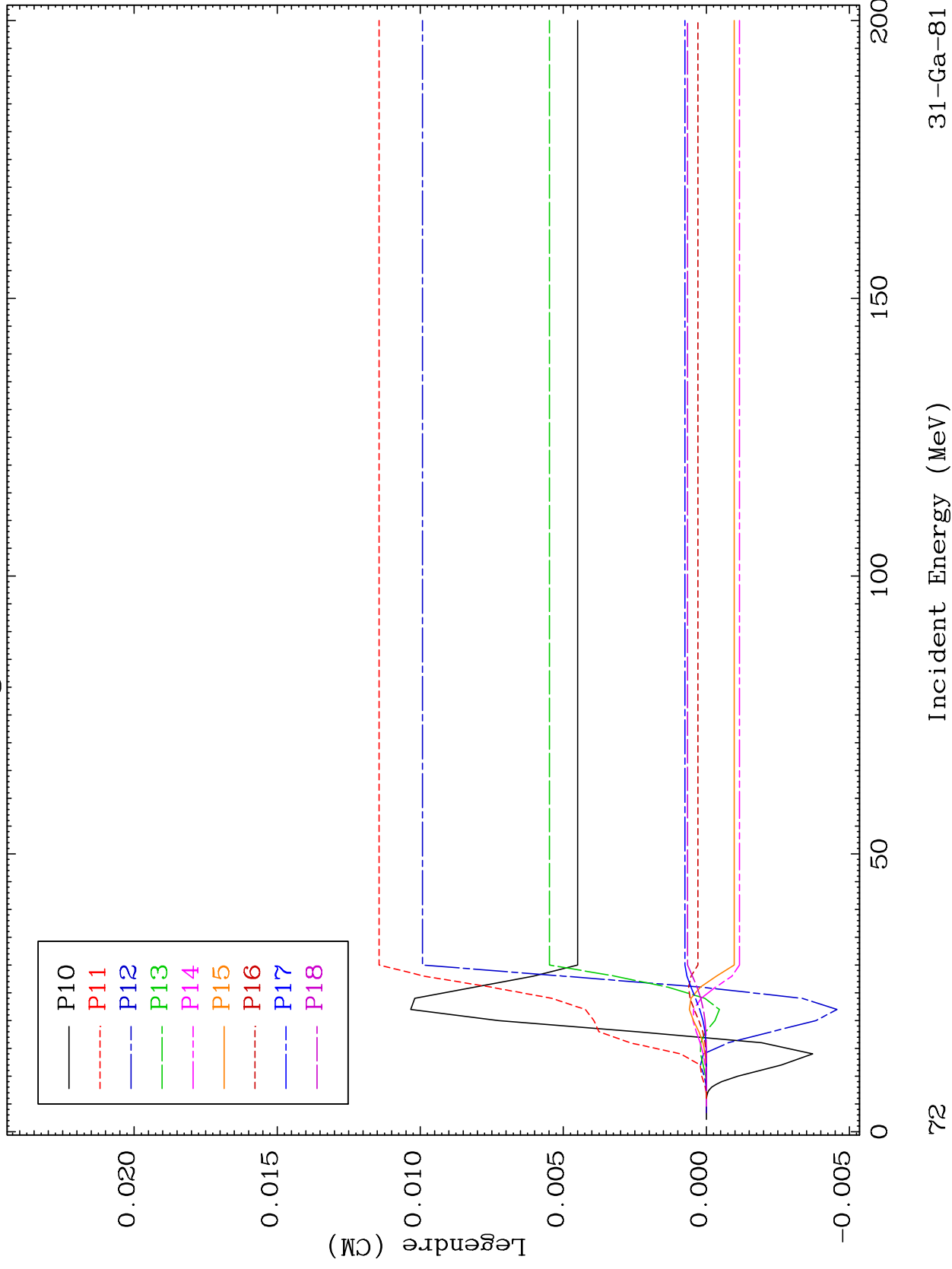
Incident Energy (MeV)

31-Ga-81

MAT 3161

31-Ga-81

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



31-Ga-81

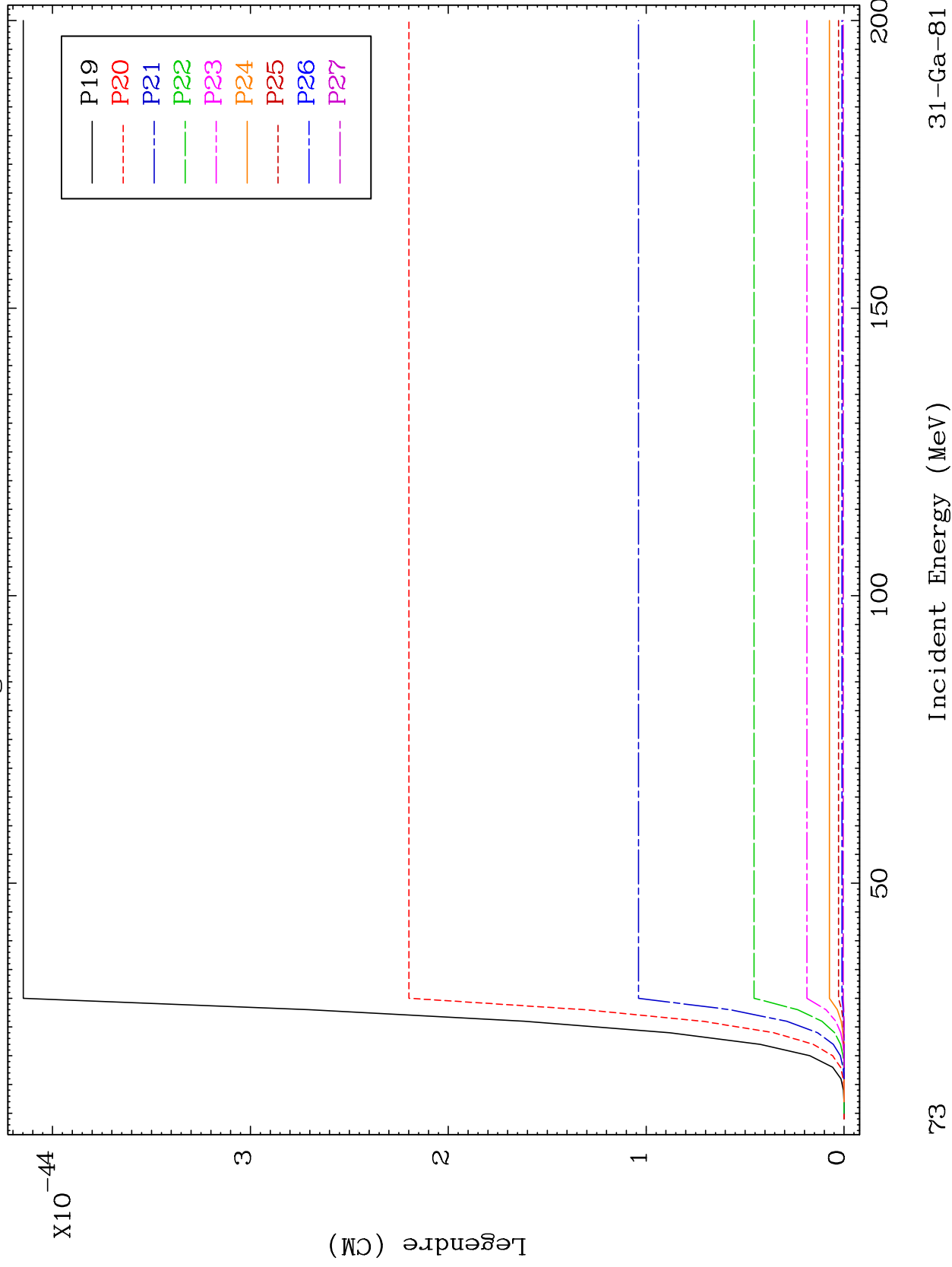
Incident Energy (MeV)

72

MAT 3161

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

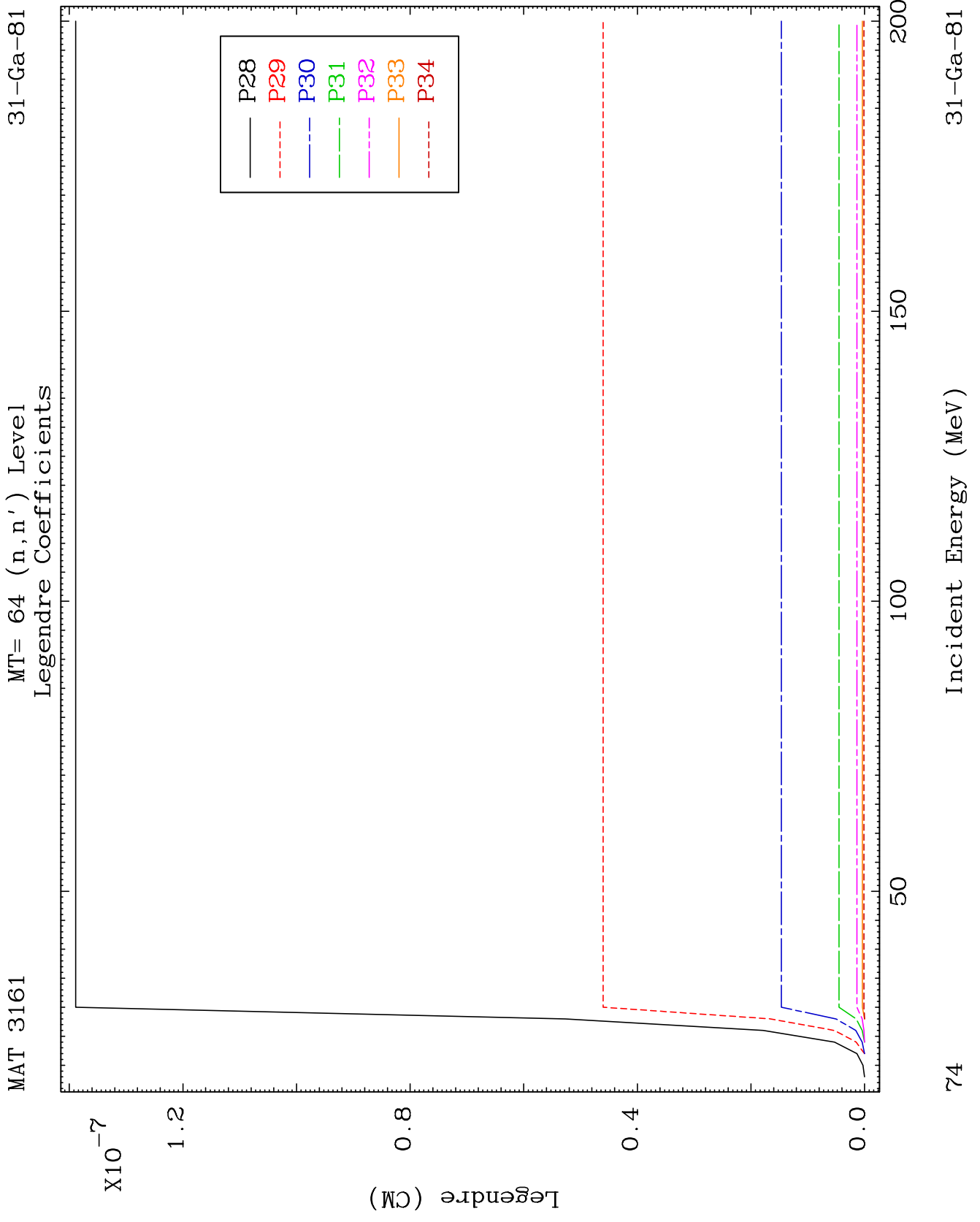
31-Ga-81



73

Incident Energy (MeV)

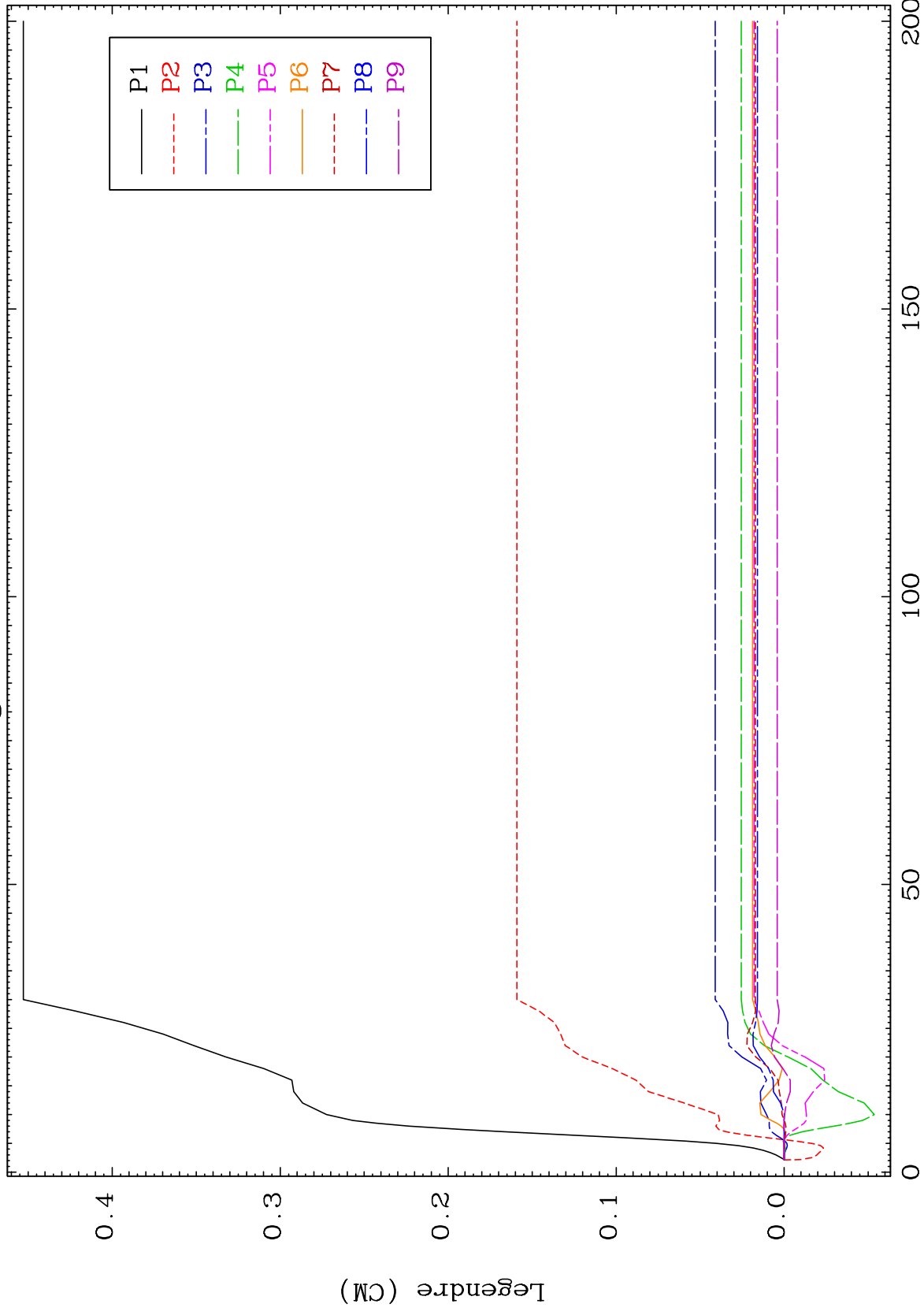
31-Ga-81



MAT 3161

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

31-Ga-81



31-Ga-81

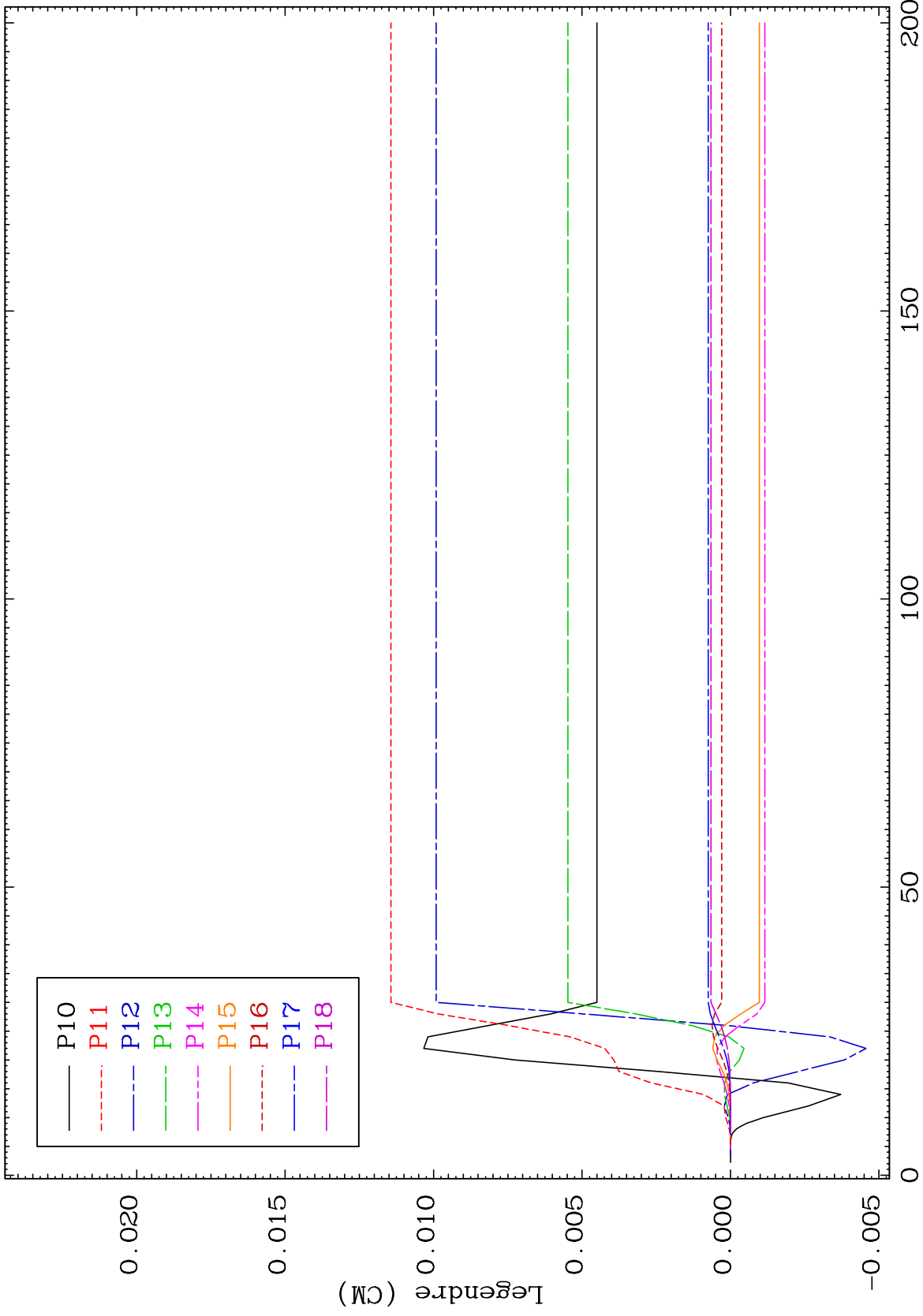
Incident Energy (MeV)

75

MAT 3161

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

31-Ga-81



76

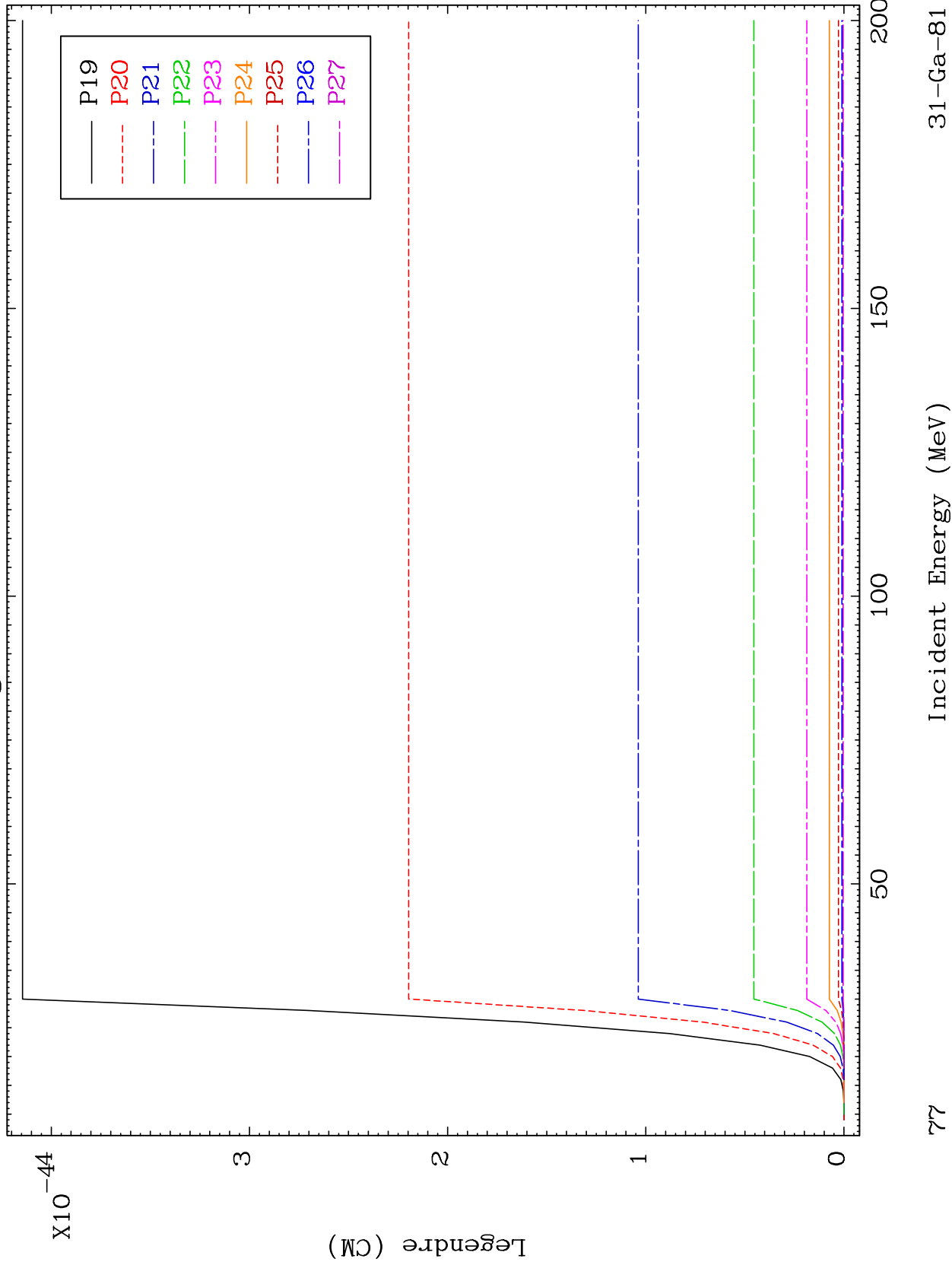
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

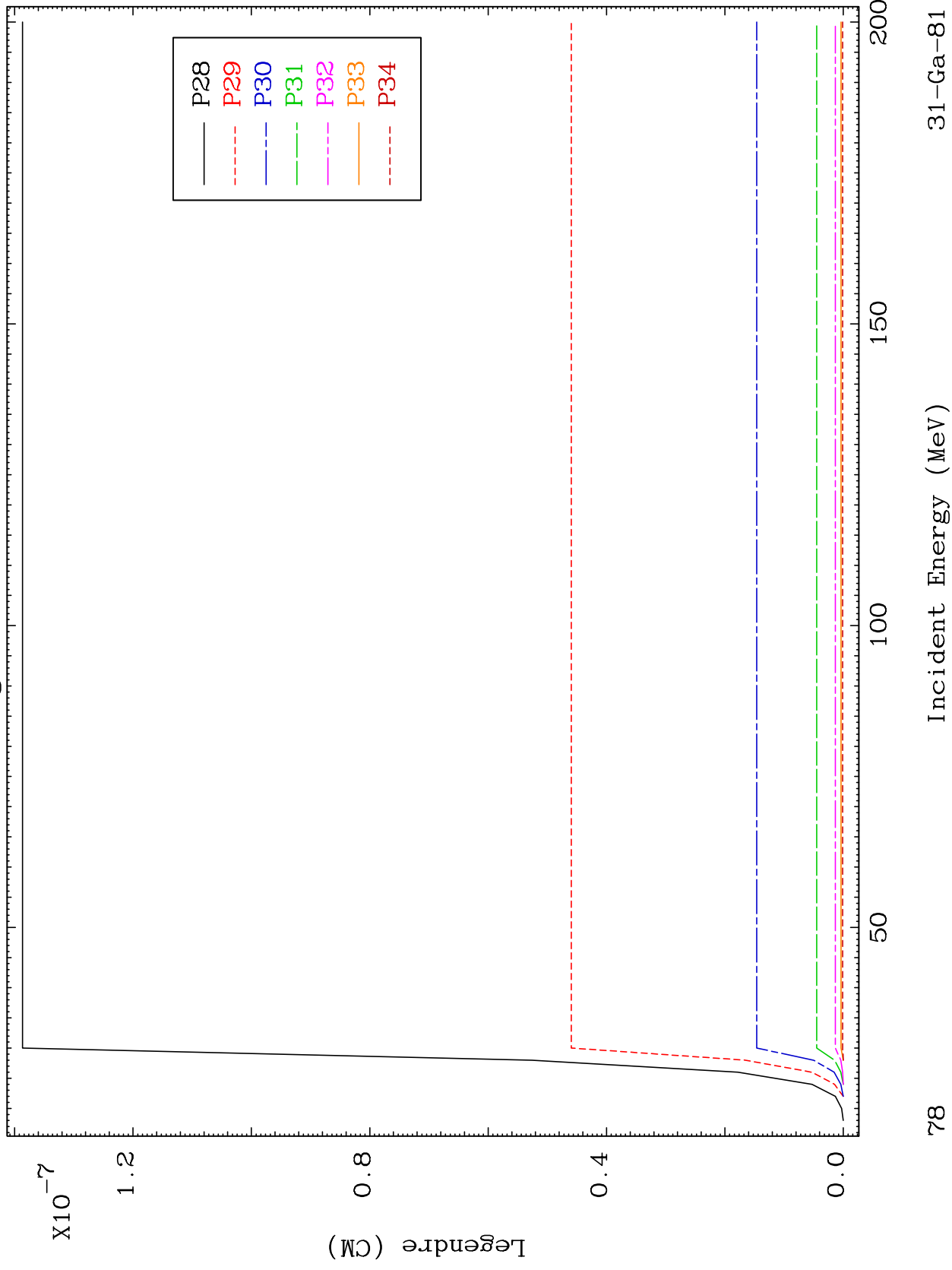
31-Ga-81

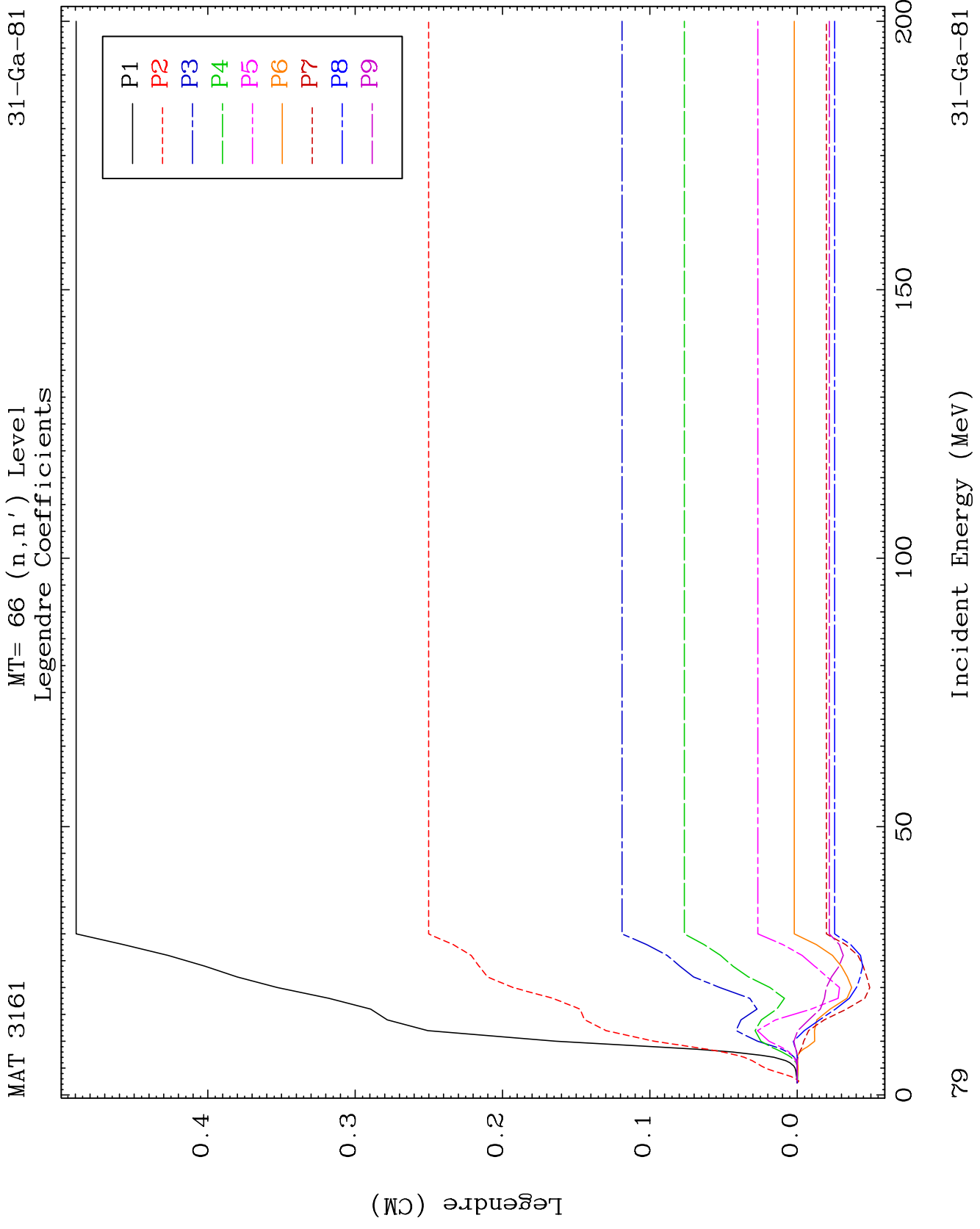


MAT 3161

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

31-Ga-81

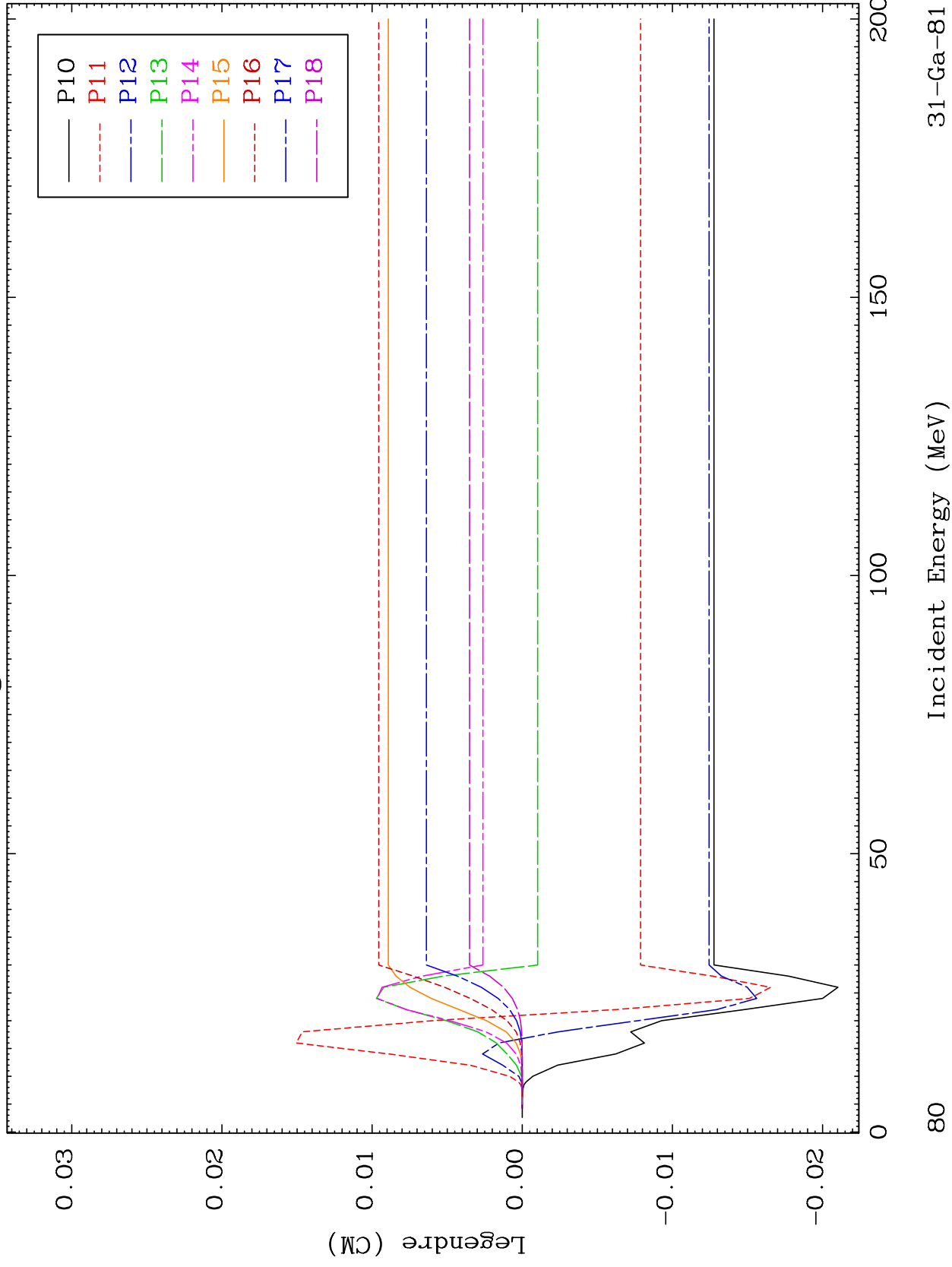




MAT 3161

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

31-Ga-81



31-Ga-81

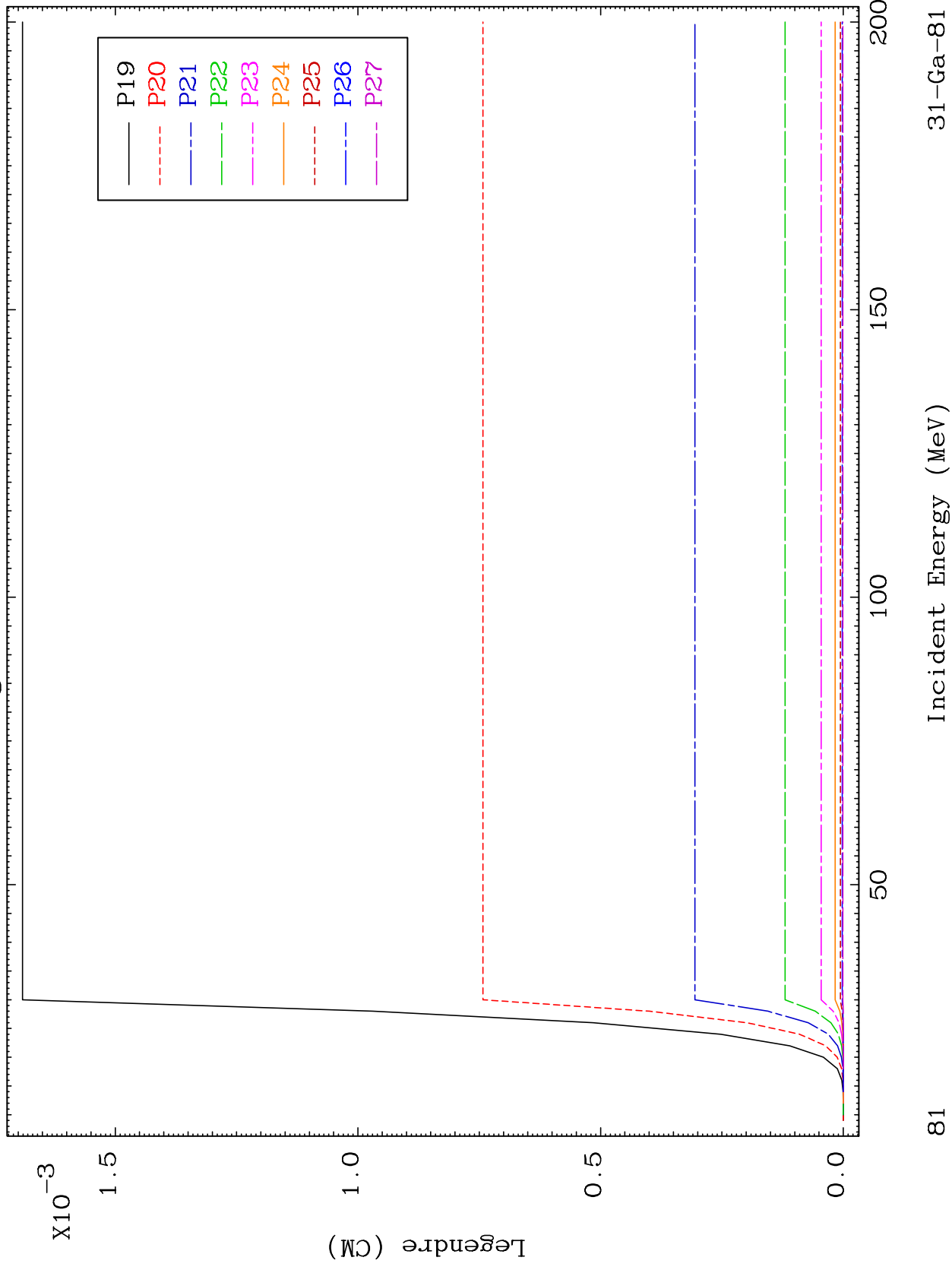
Incident Energy (MeV)

80

MAT 3161

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

31-Ga-81



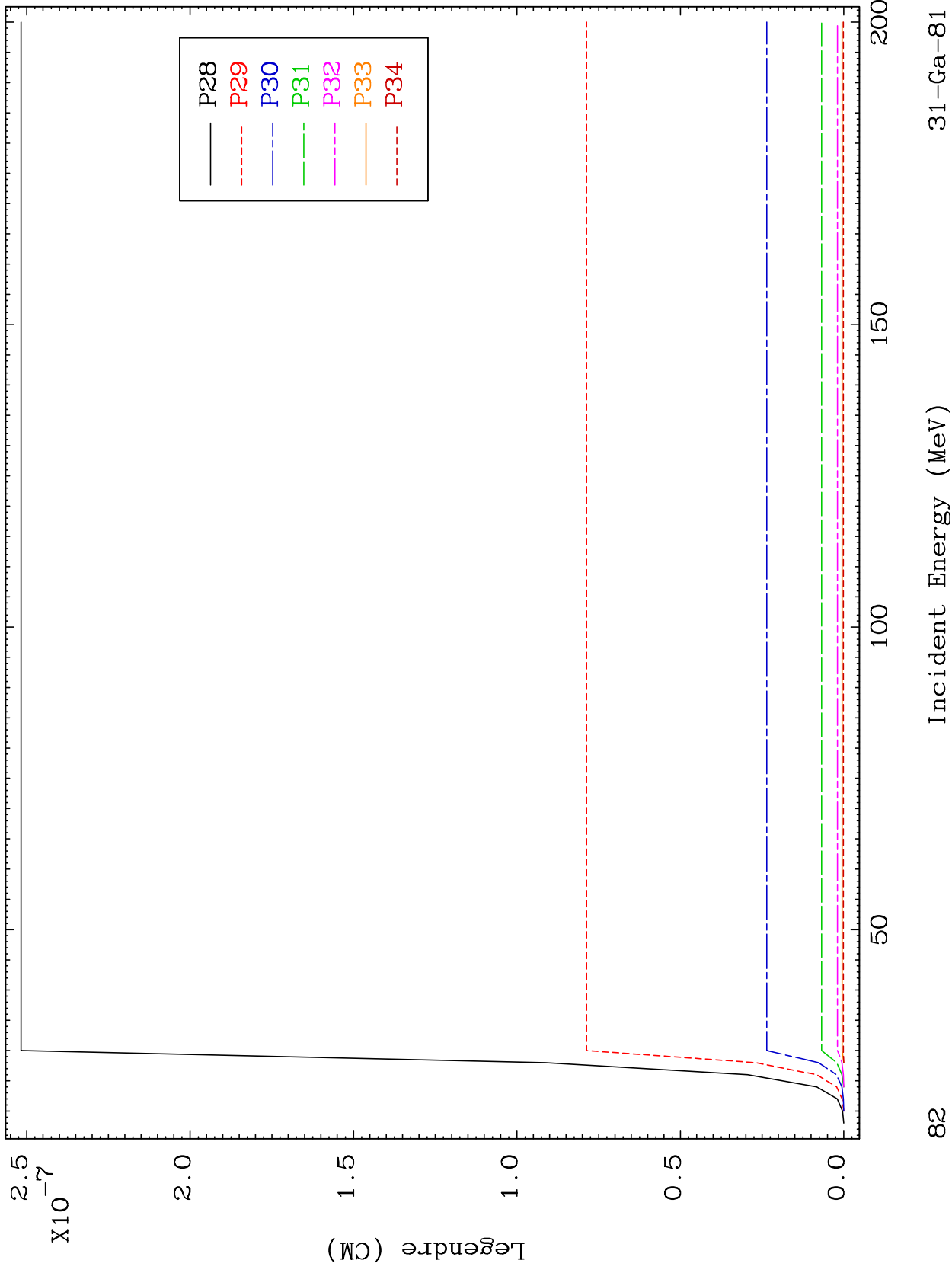
81

31-Ga-81

MAT 3161

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

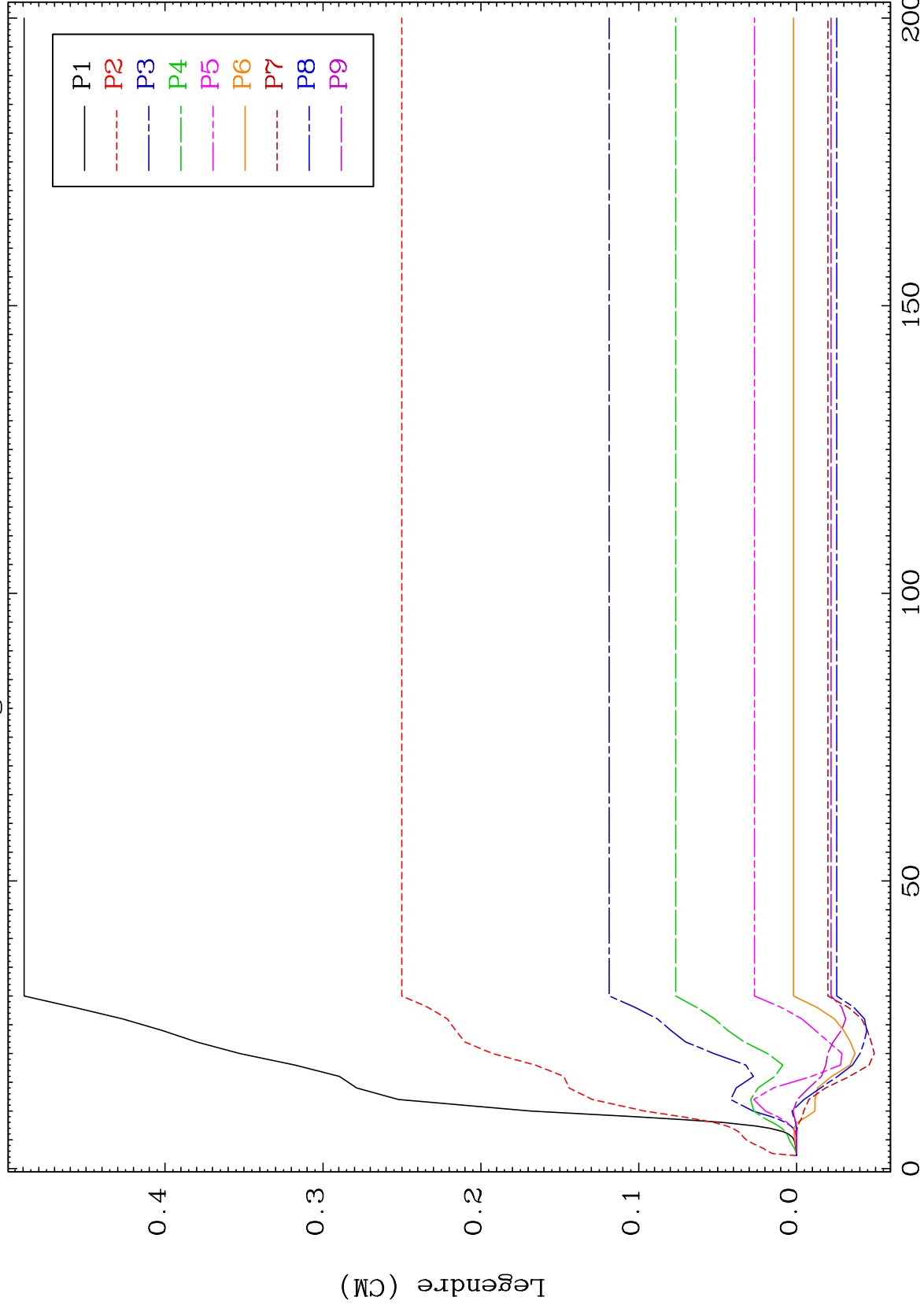
31-Ga-81



MAT 3161

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

31-Ga-81



83

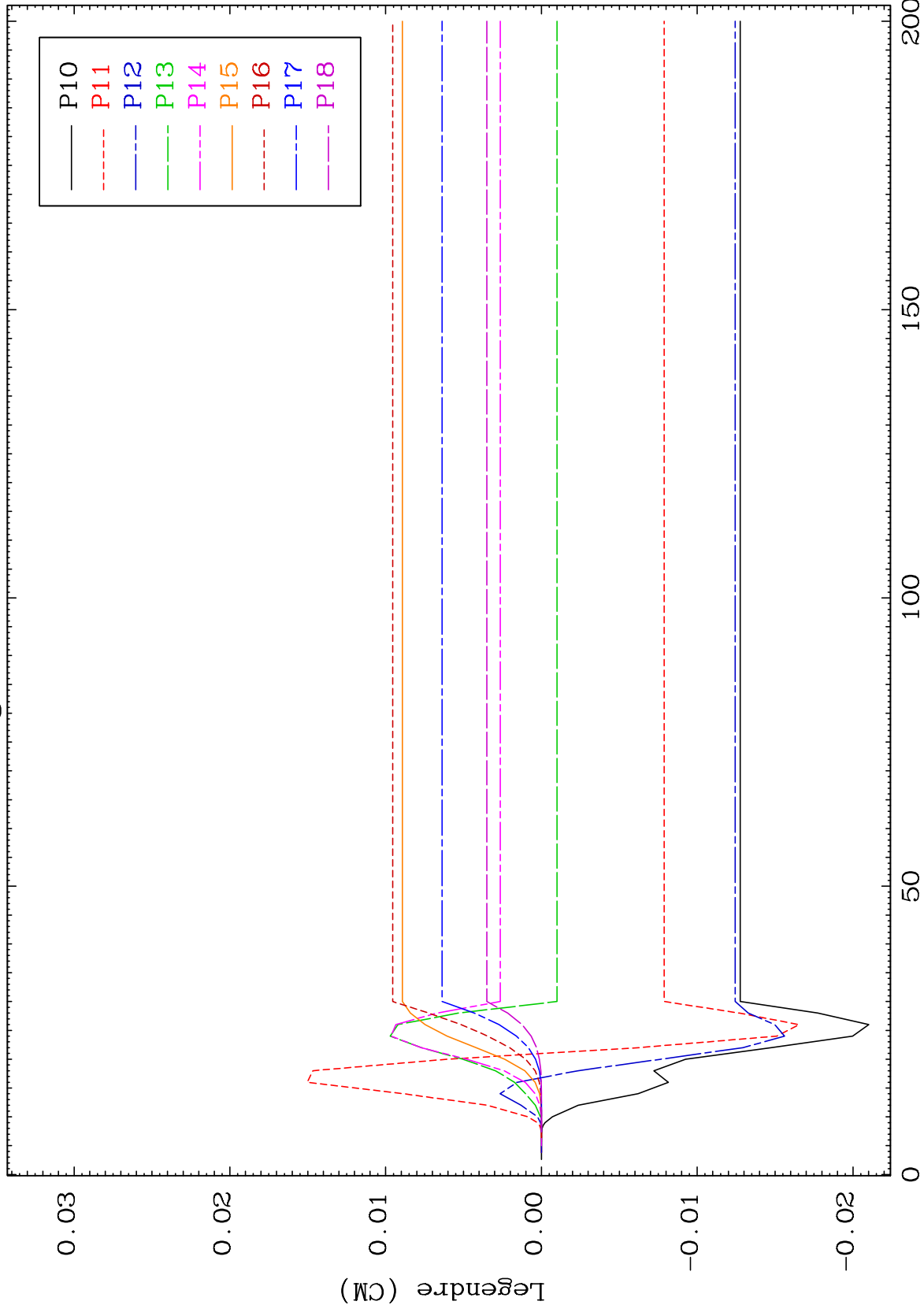
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

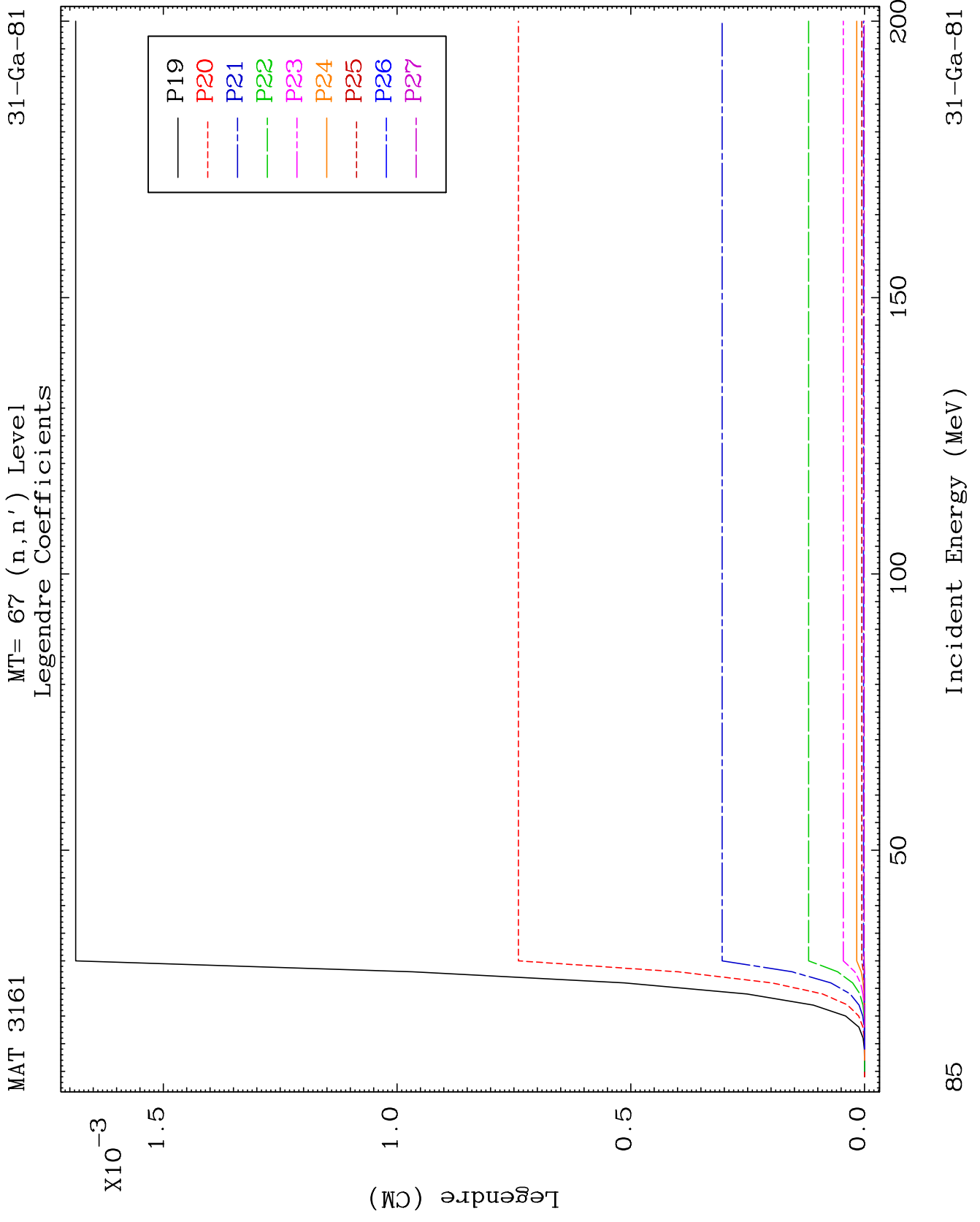
31-Ga-81



84

Incident Energy (MeV)

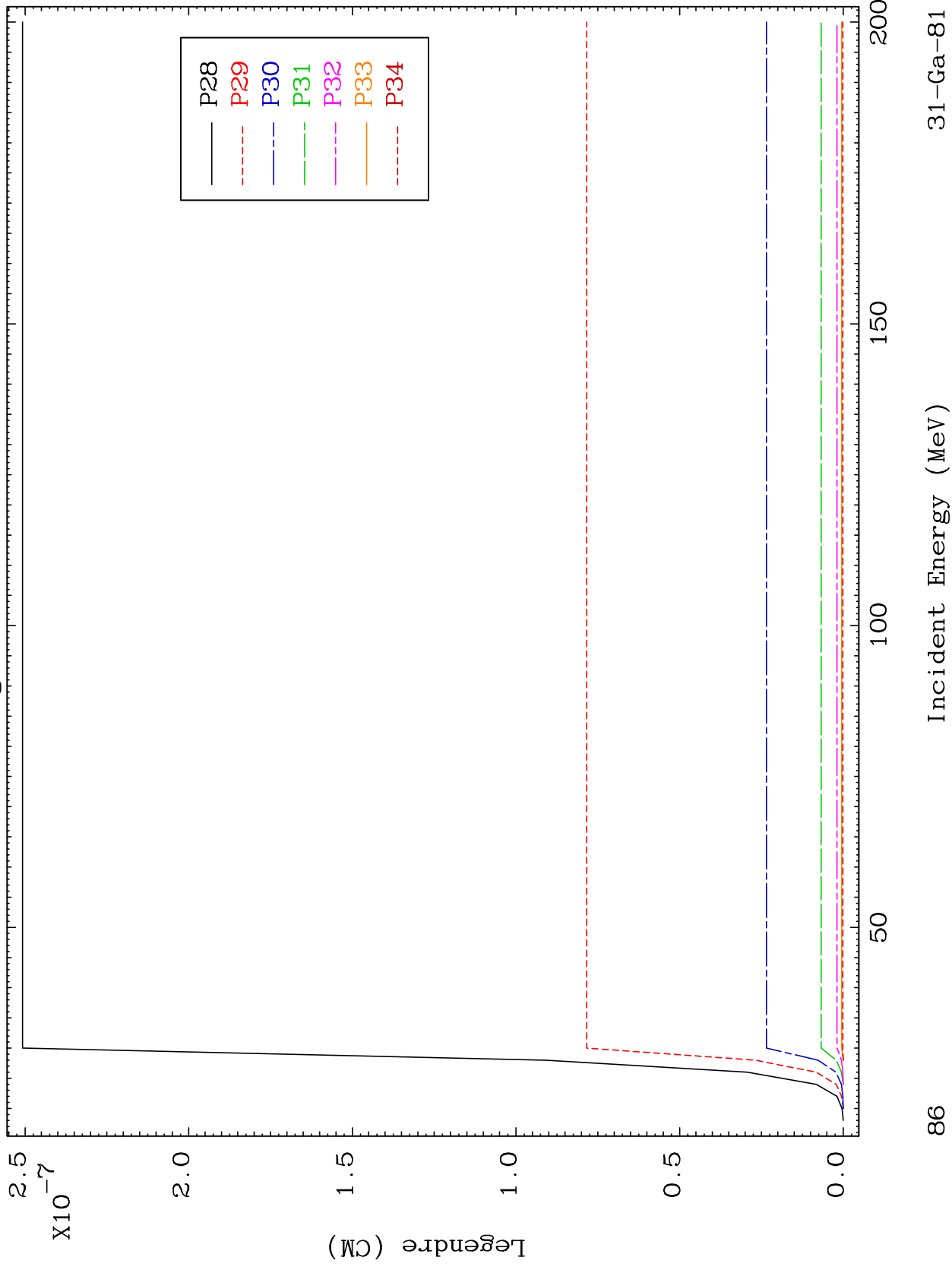
31-Ga-81

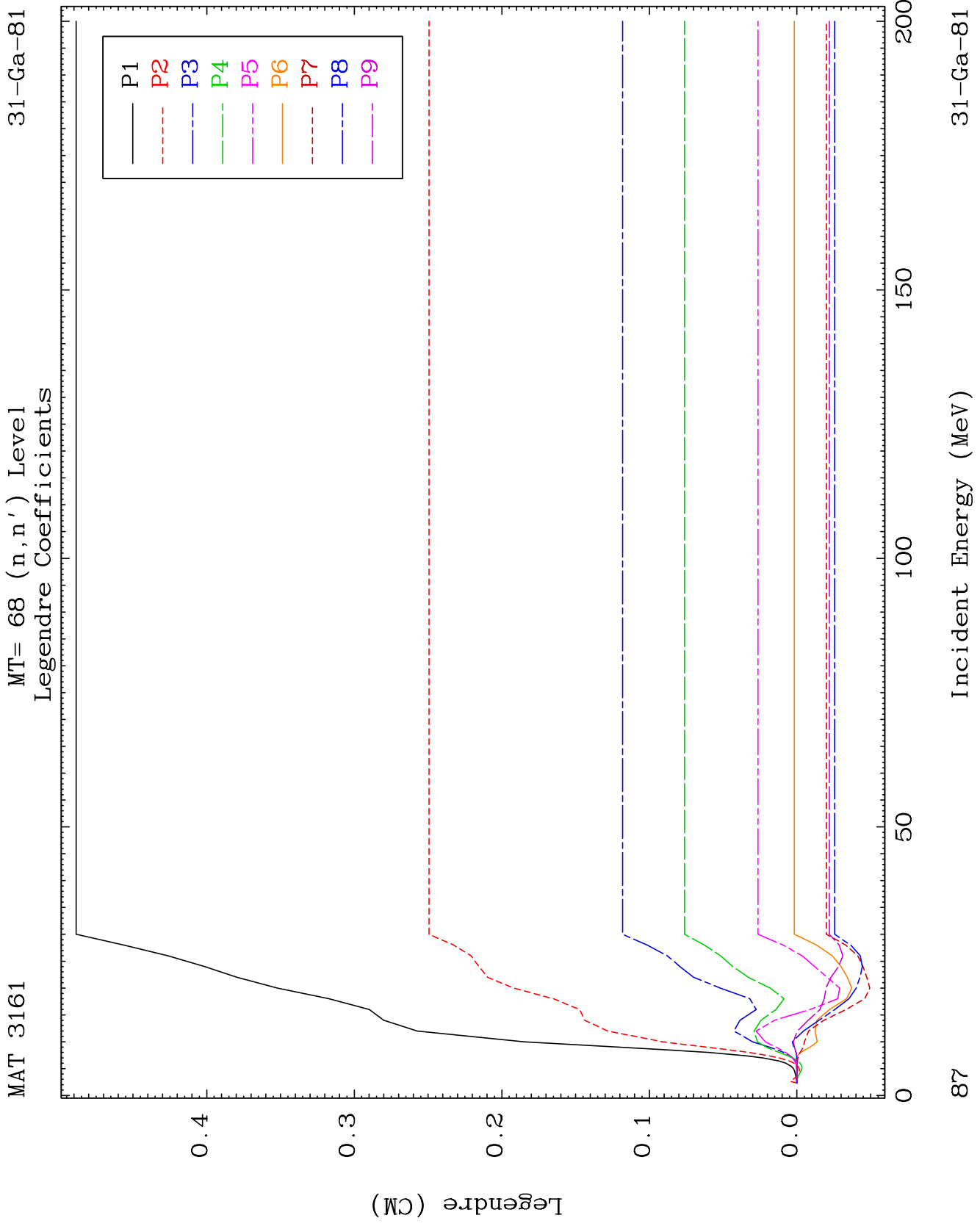


MAT 3161

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

31-Ga-81

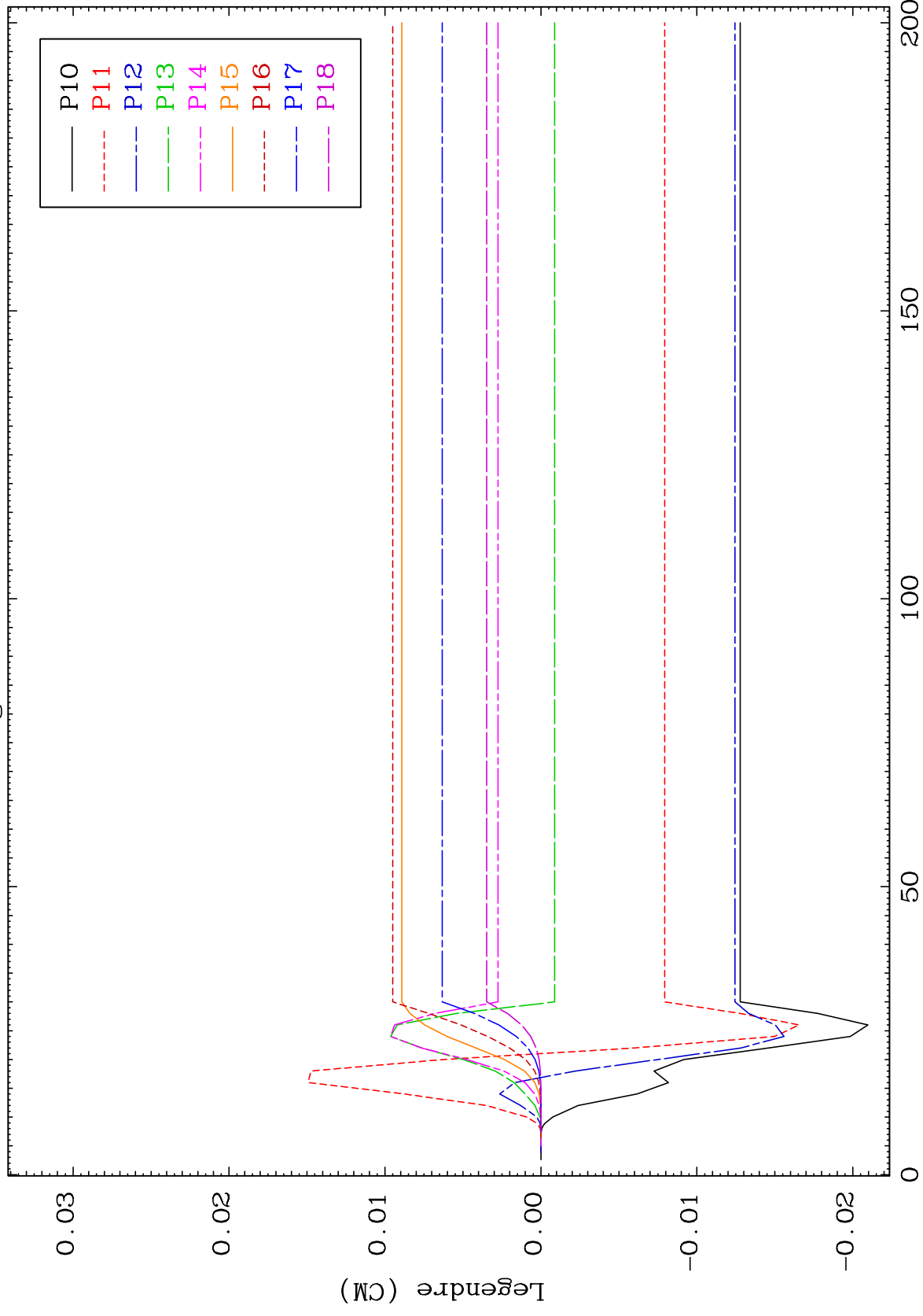




MAT 3161

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

31-Ga-81



88

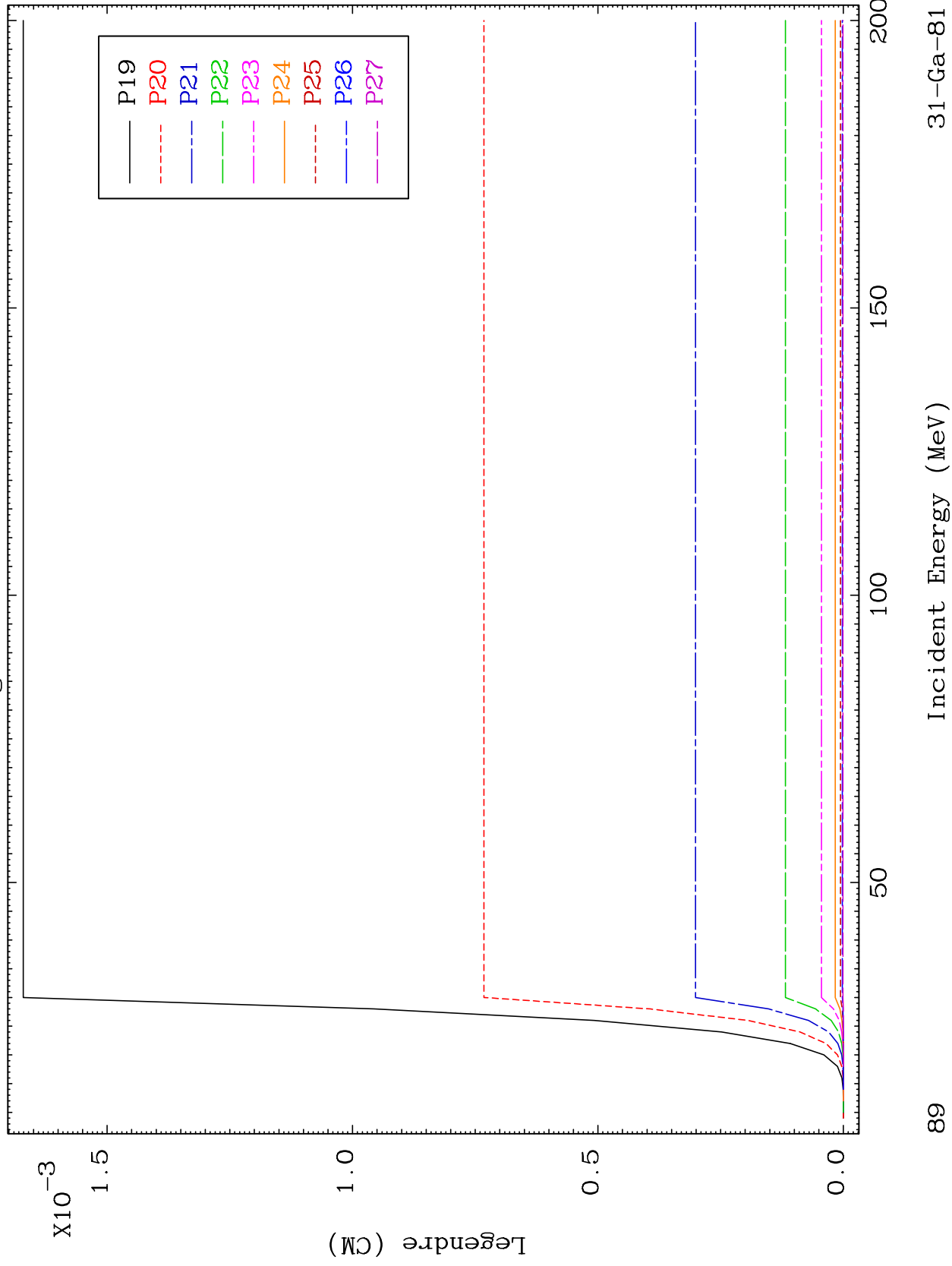
Incident Energy (MeV)

31-Ga-81

MAT 3161

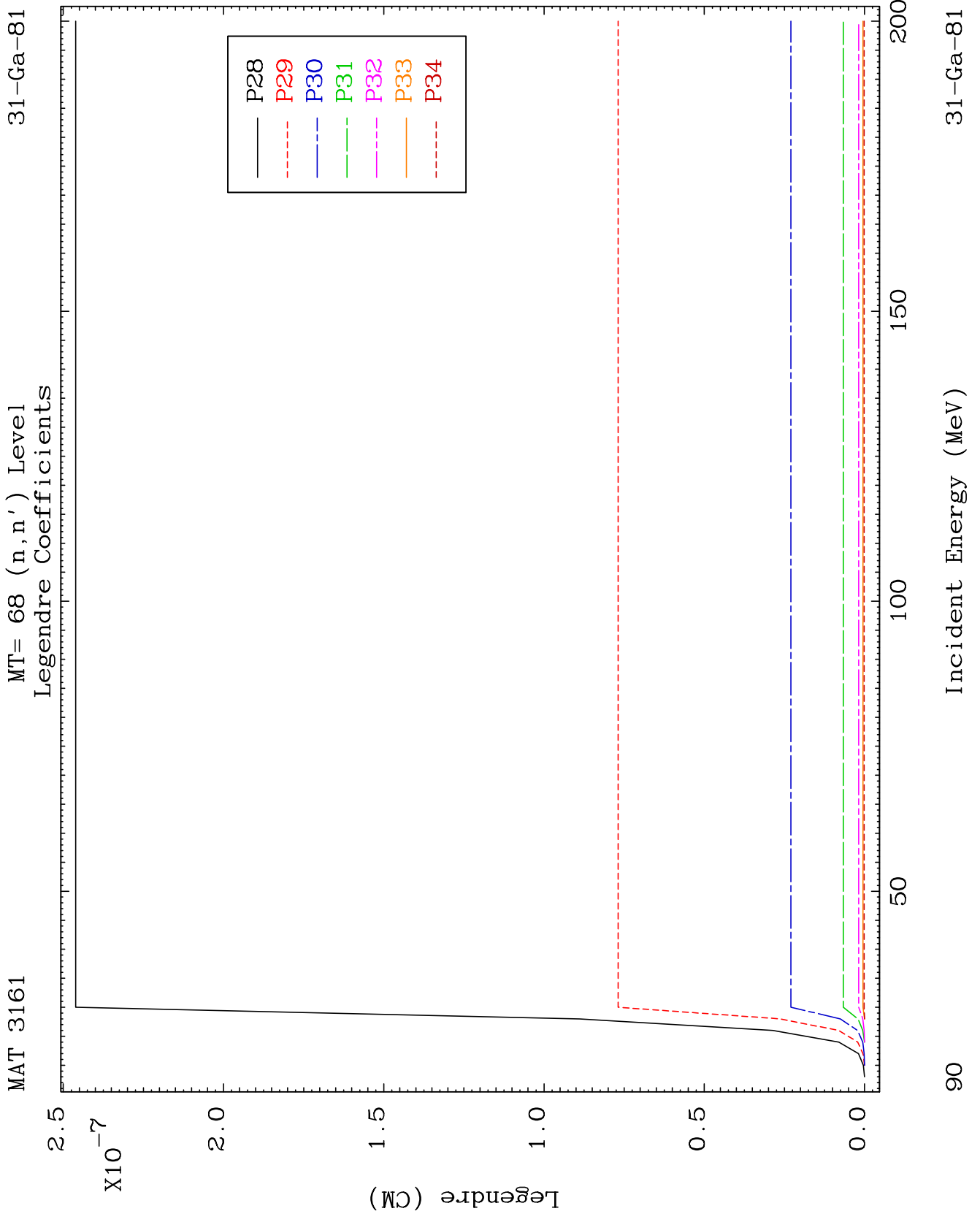
MT= 68 (n,n') Level
Legendre Coefficients

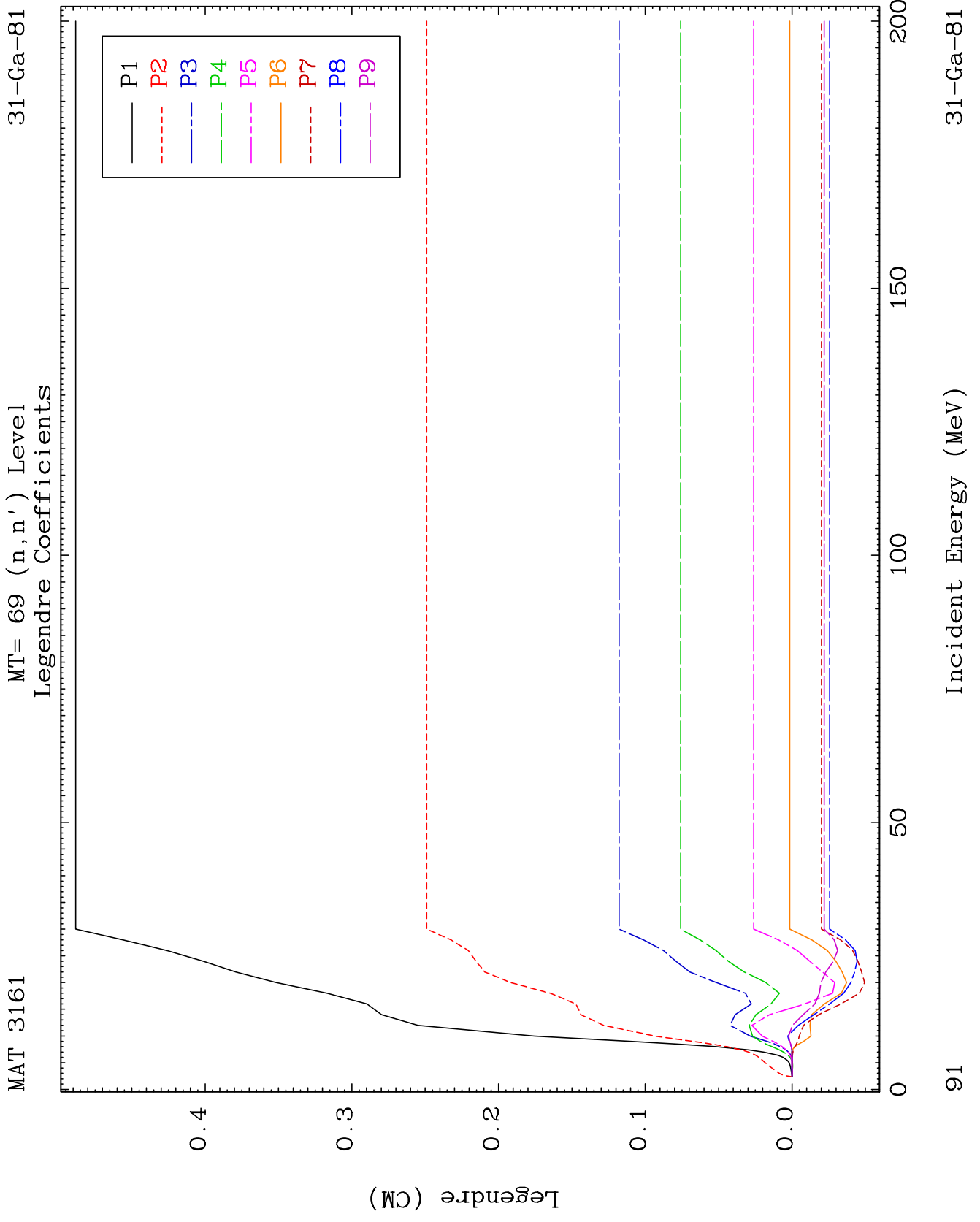
31-Ga-81



89

31-Ga-81

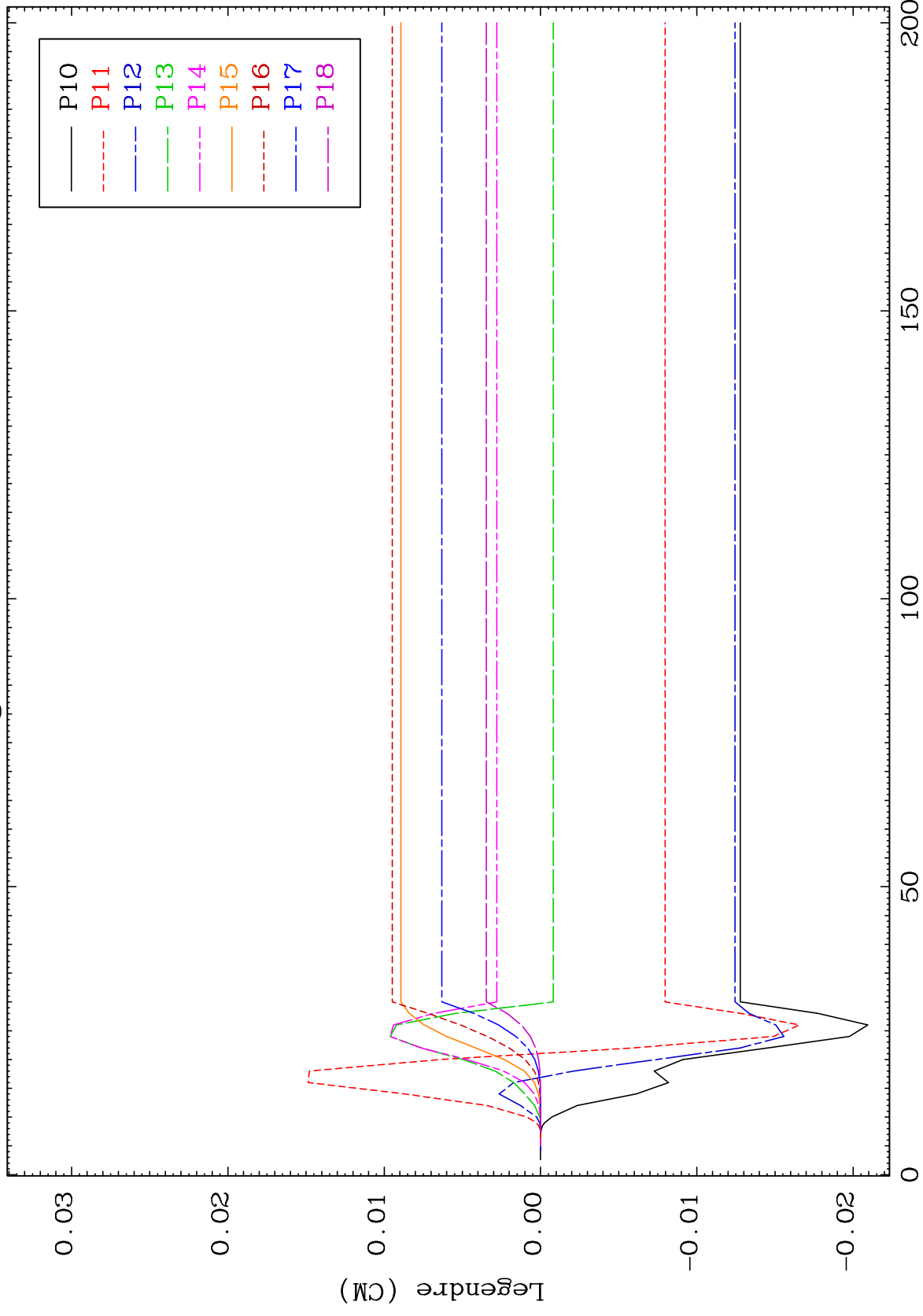




MAT 3161

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

31-Ga-81



92

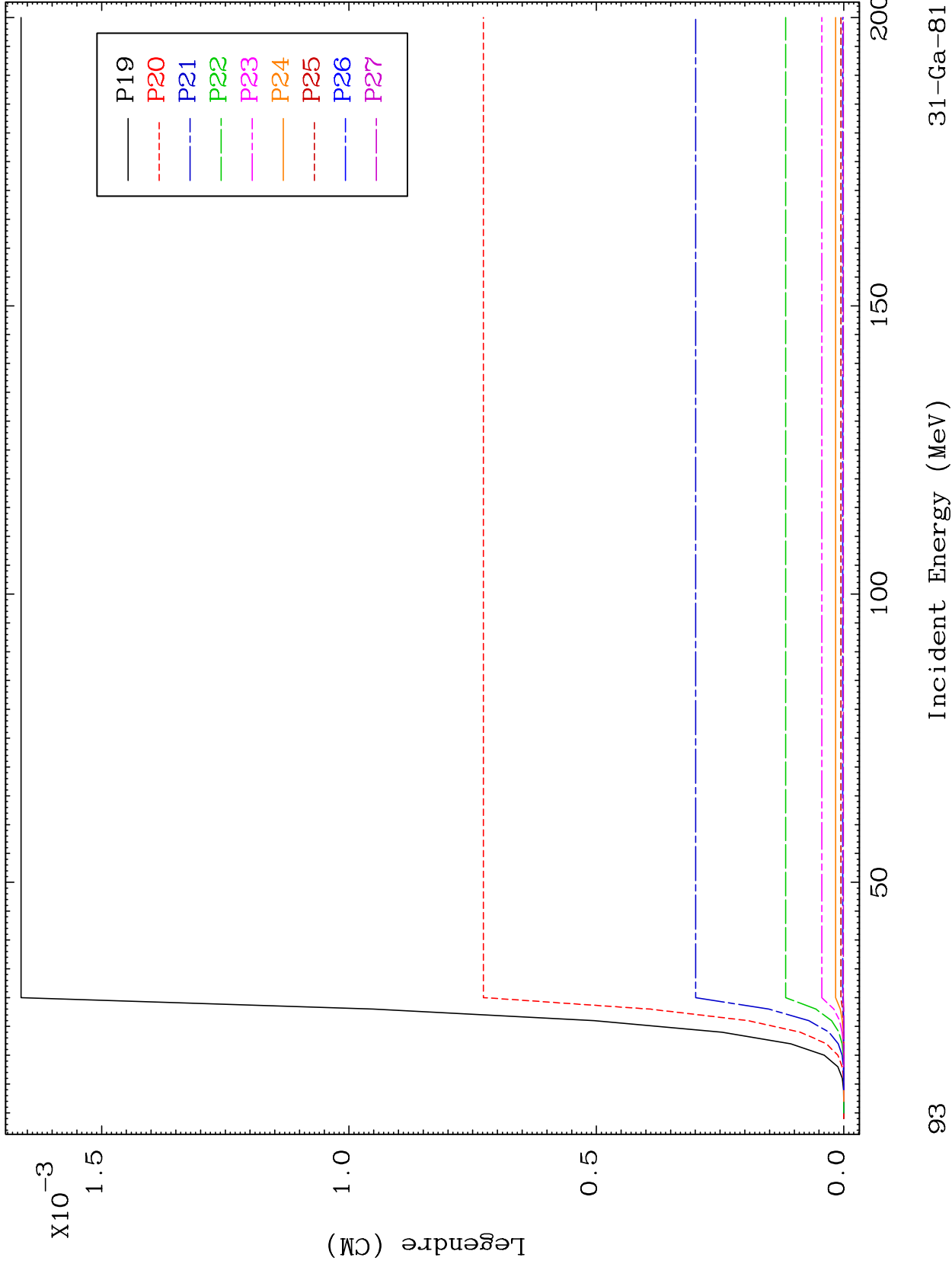
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

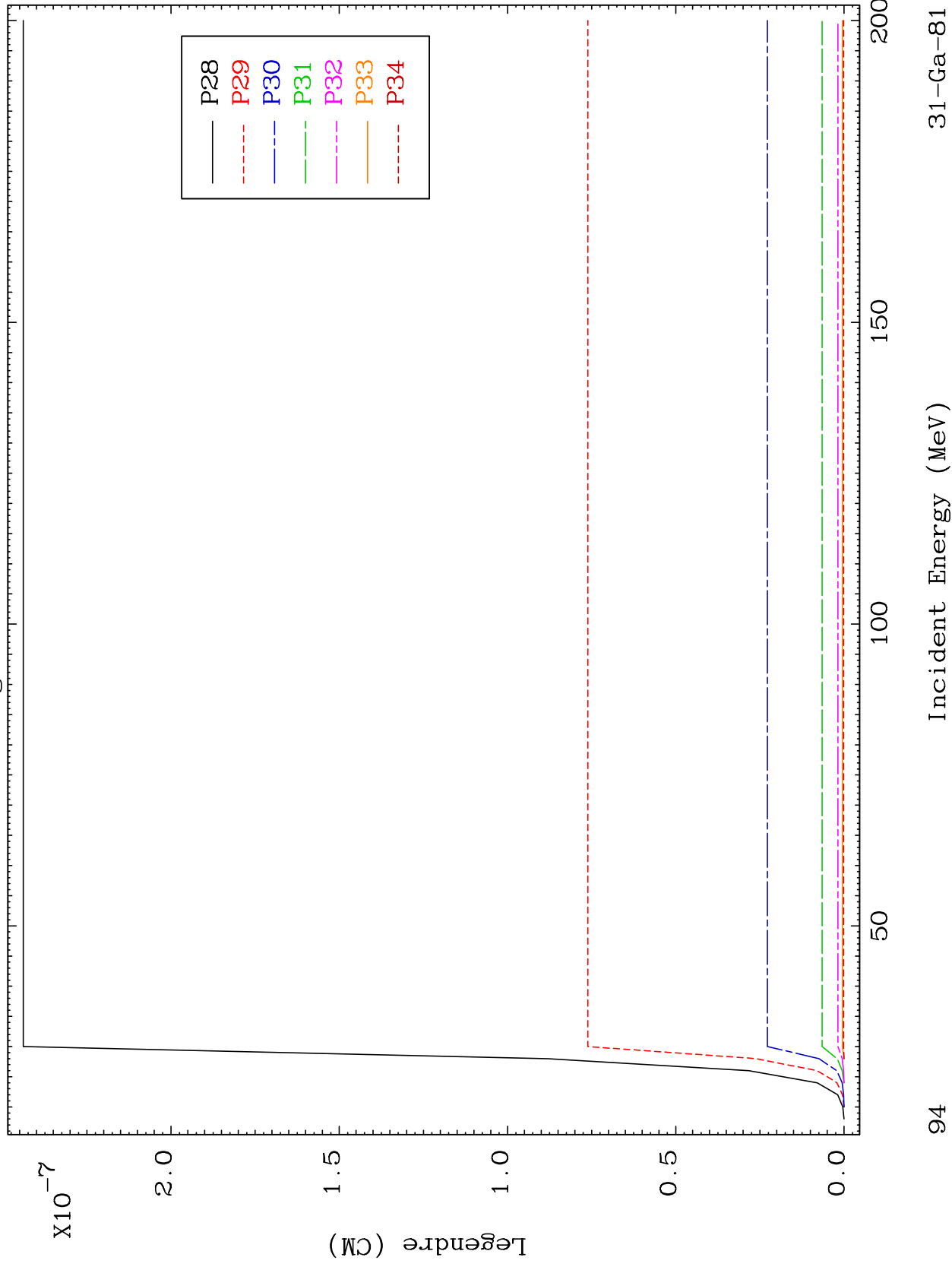
31-Ga-81



MAT 3161

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

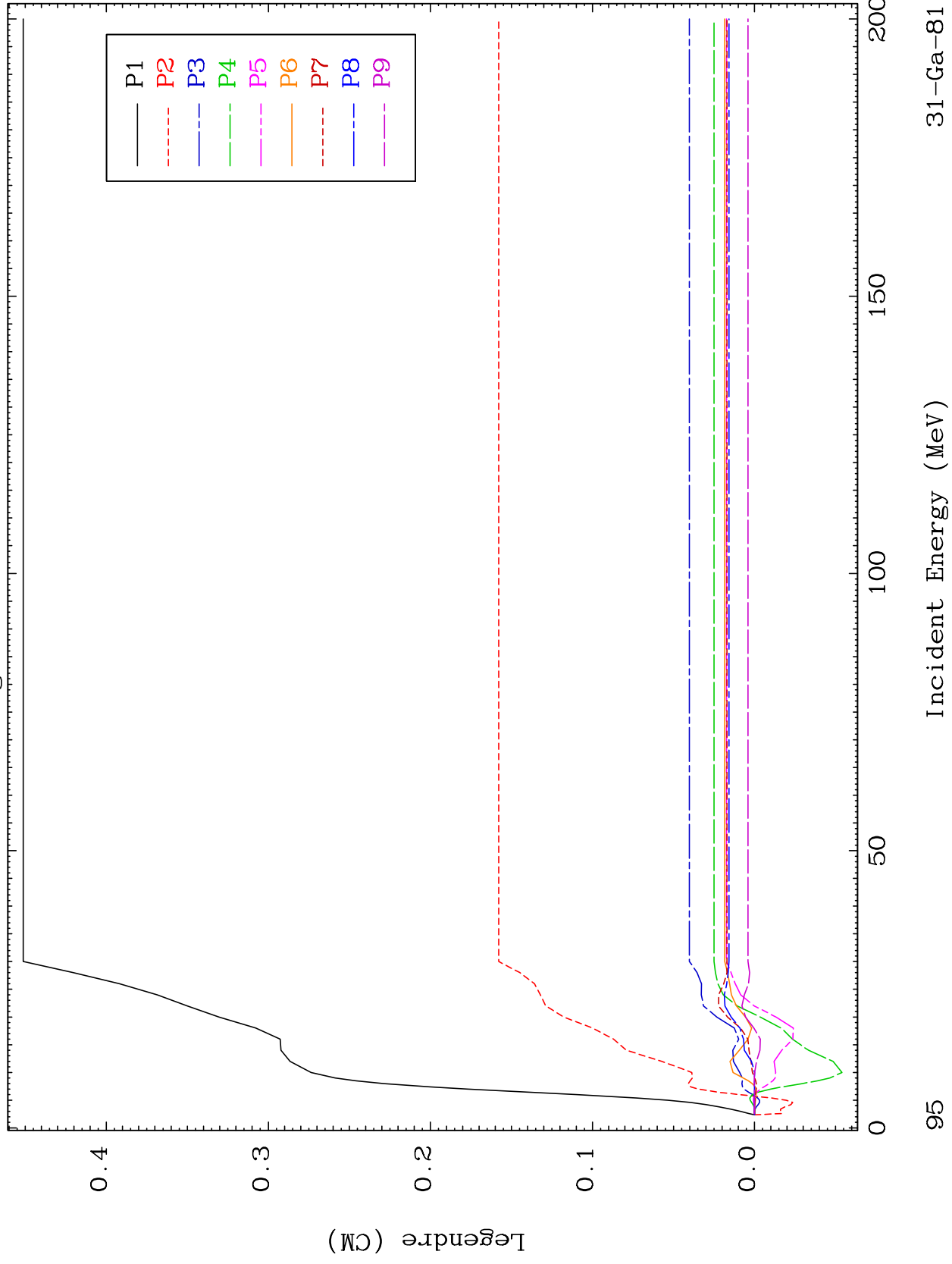
31-Ga-81



MAT 3161

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

31-Ga-81



31-Ga-81

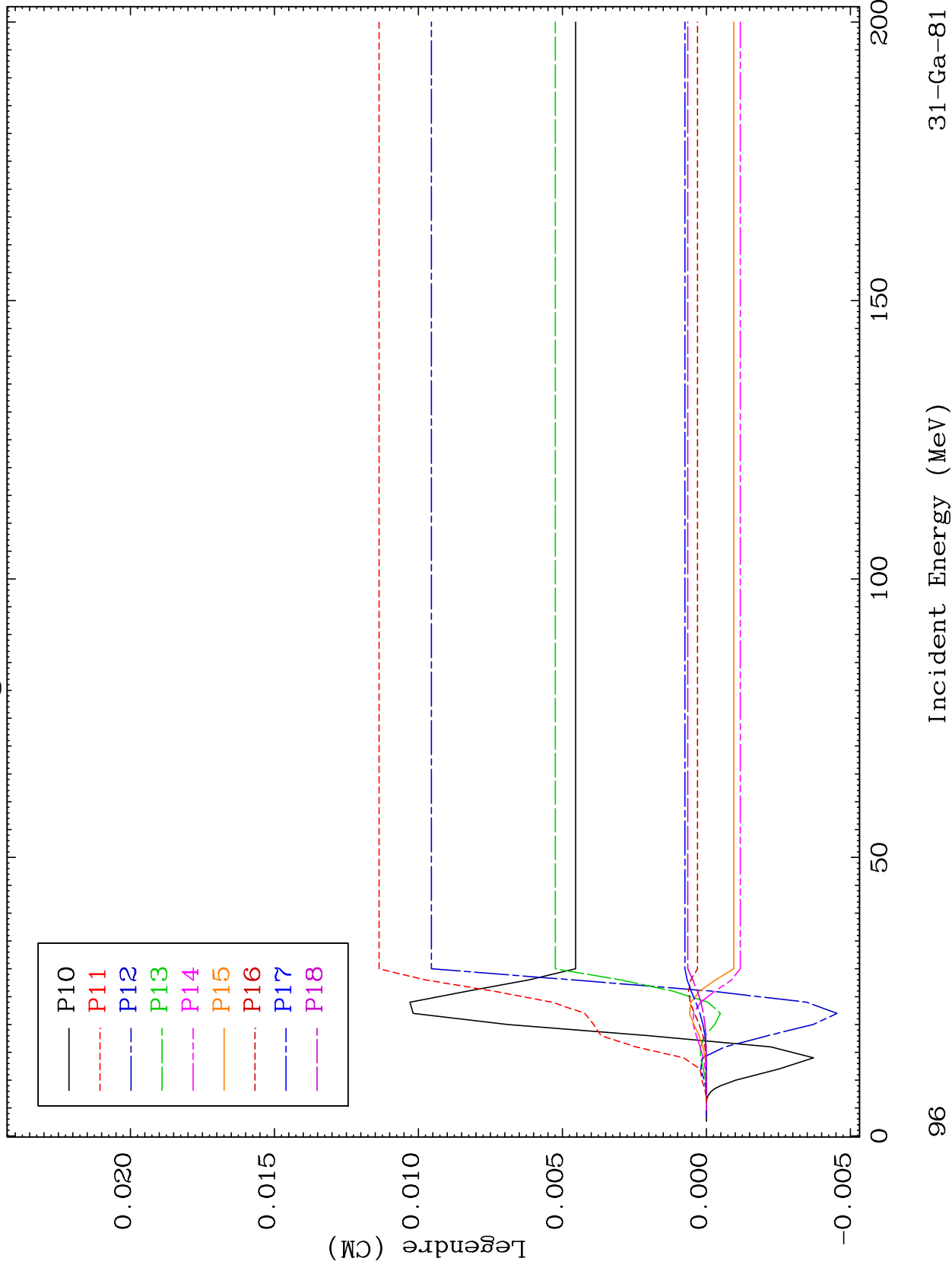
Incident Energy (MeV)

95

MAT 3161

31-Ga-81

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



96

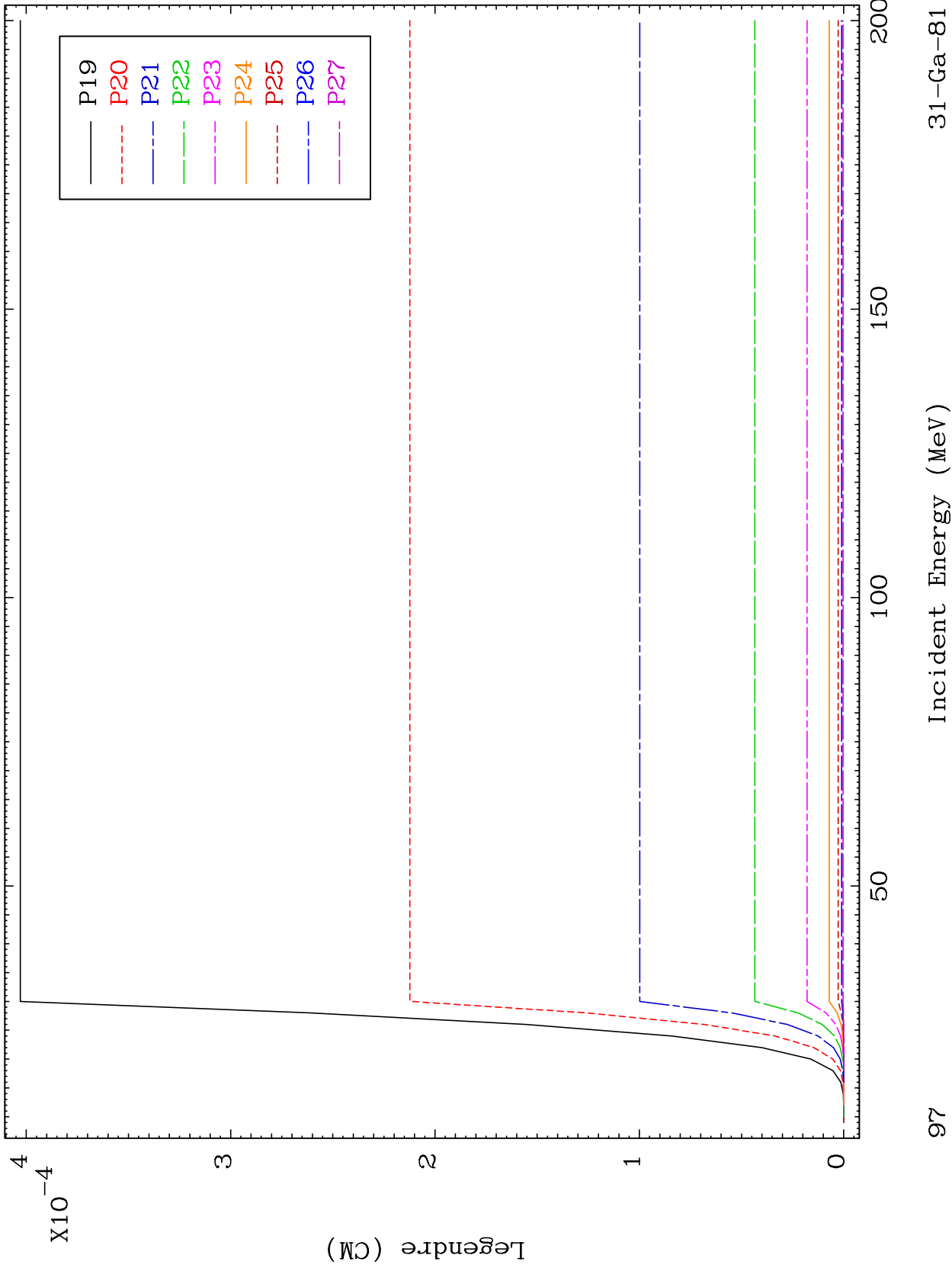
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

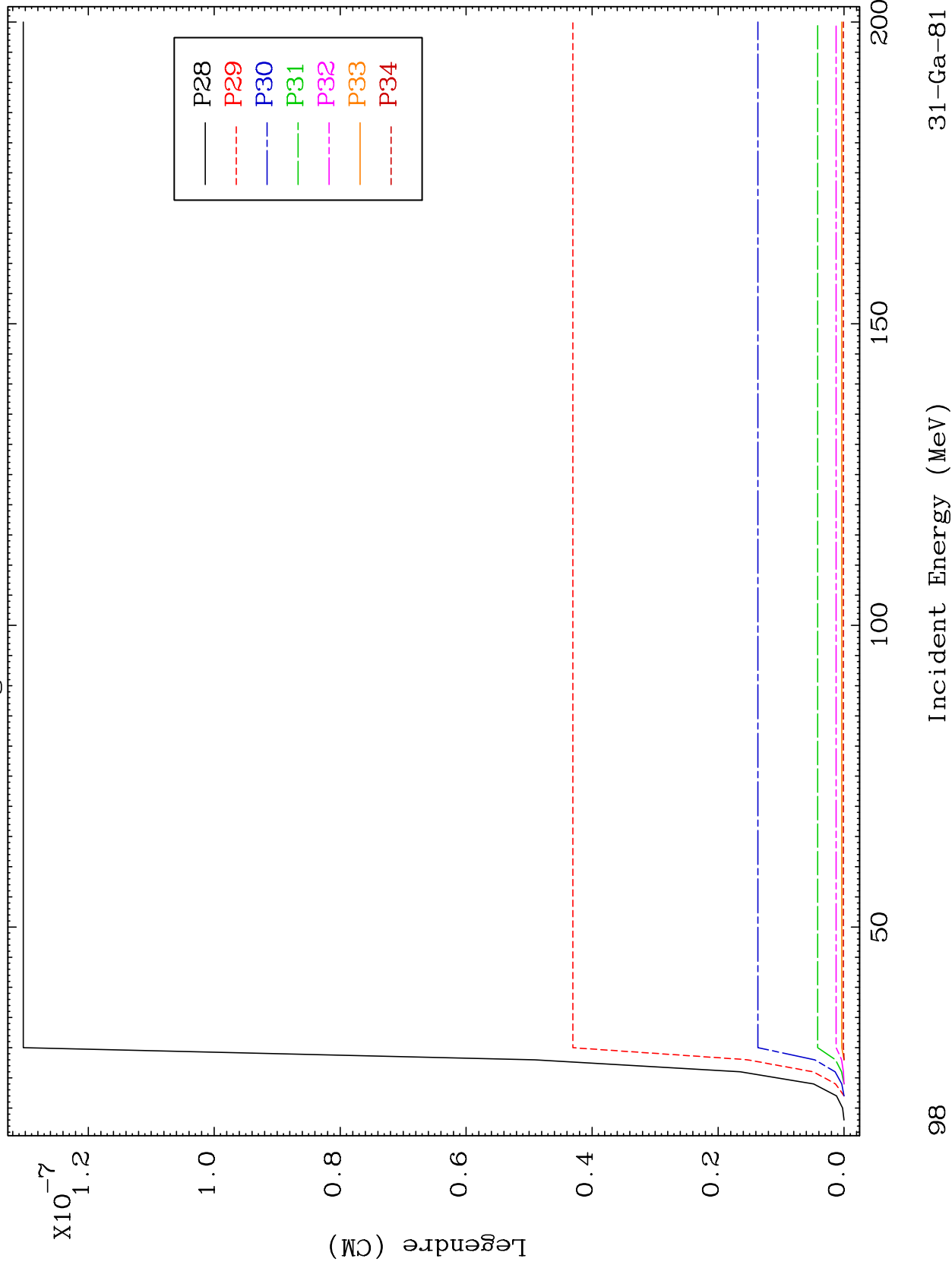
31-Ga-81



MAT 3161

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

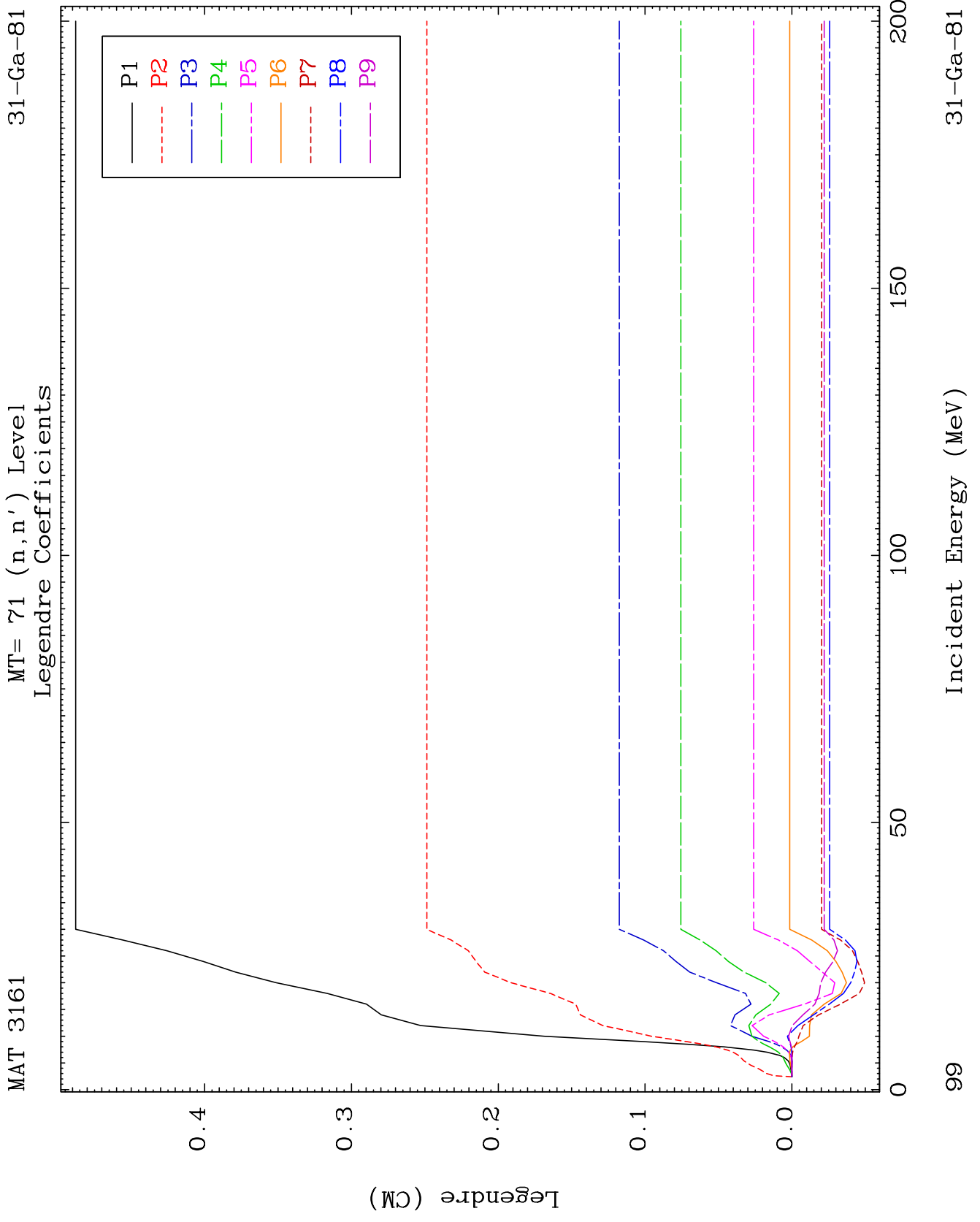
31-Ga-81



98

Incident Energy (MeV)

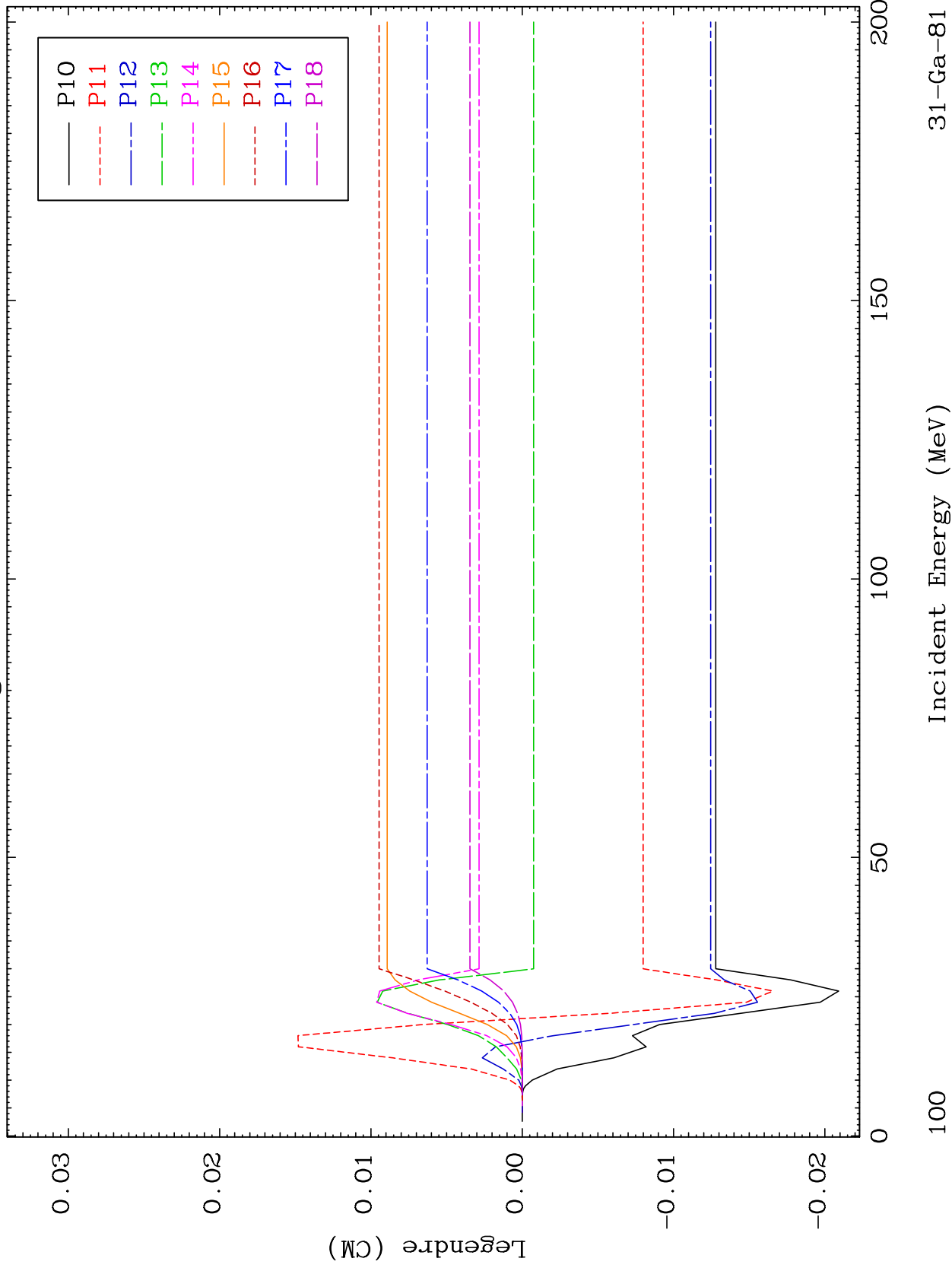
31-Ga-81



MAT 3161

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

31-Ga-81



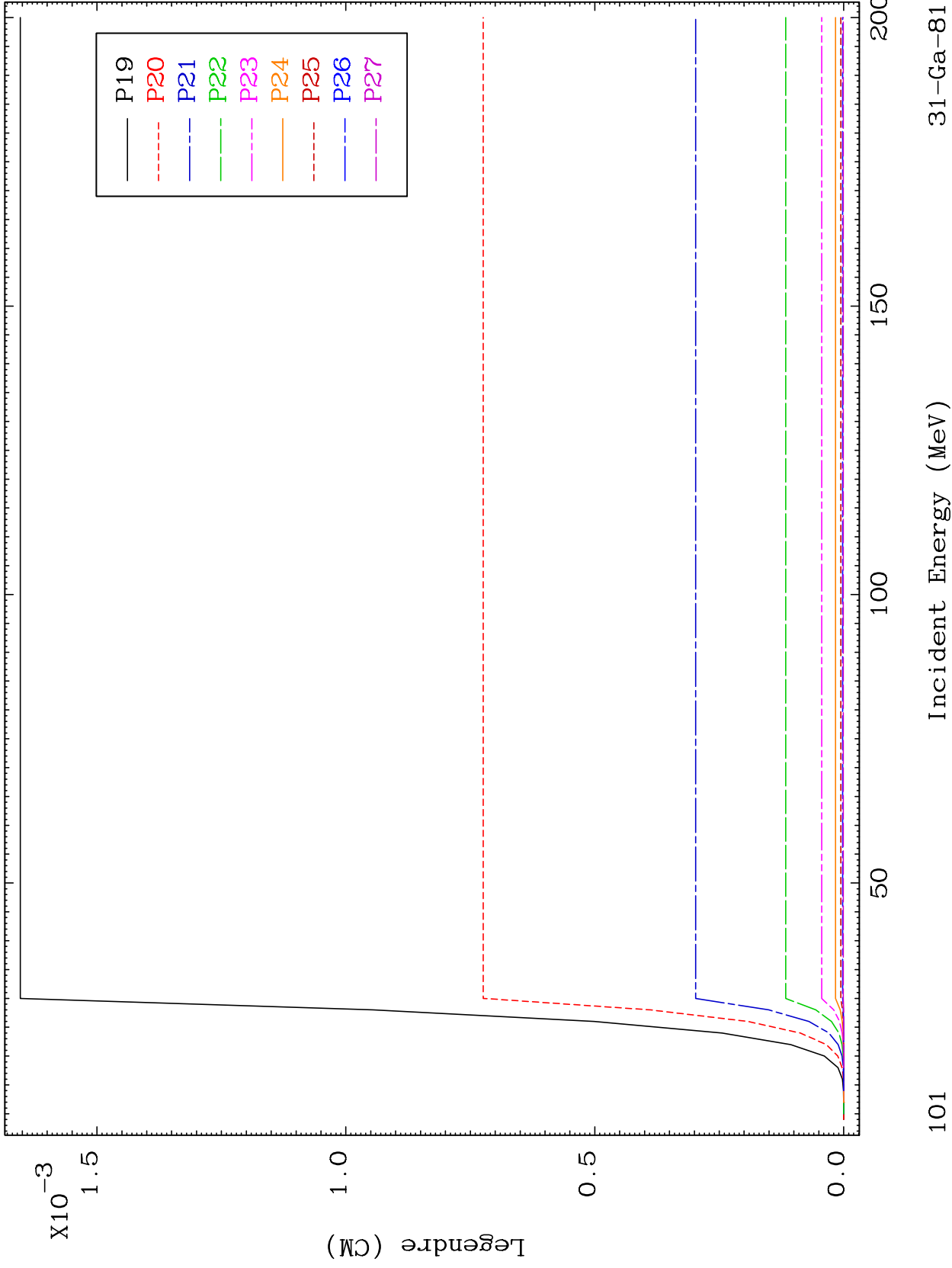
31-Ga-81

Incident Energy (MeV)

MAT 3161

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

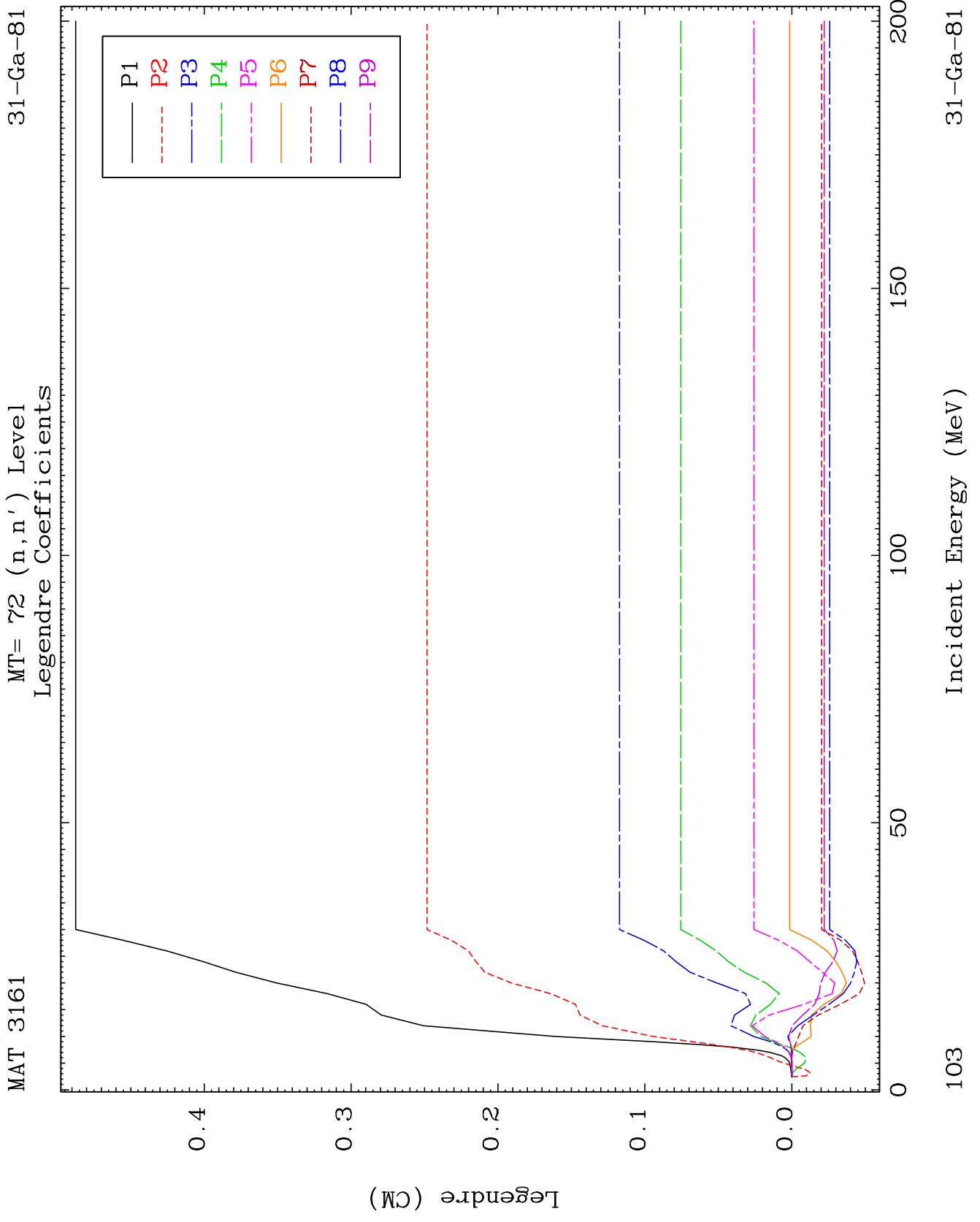
31-Ga-81

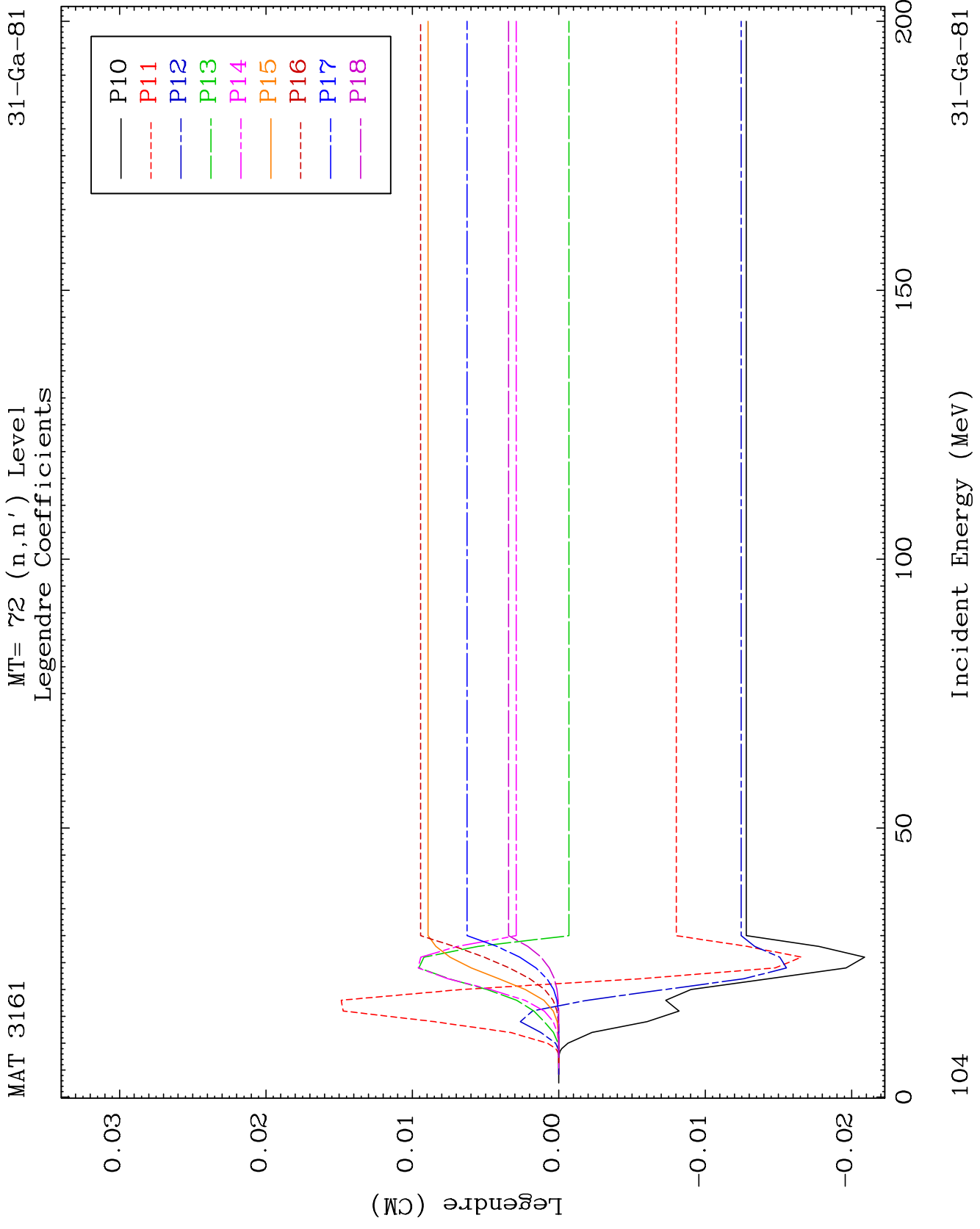


101

Incident Energy (MeV)

31-Ga-81

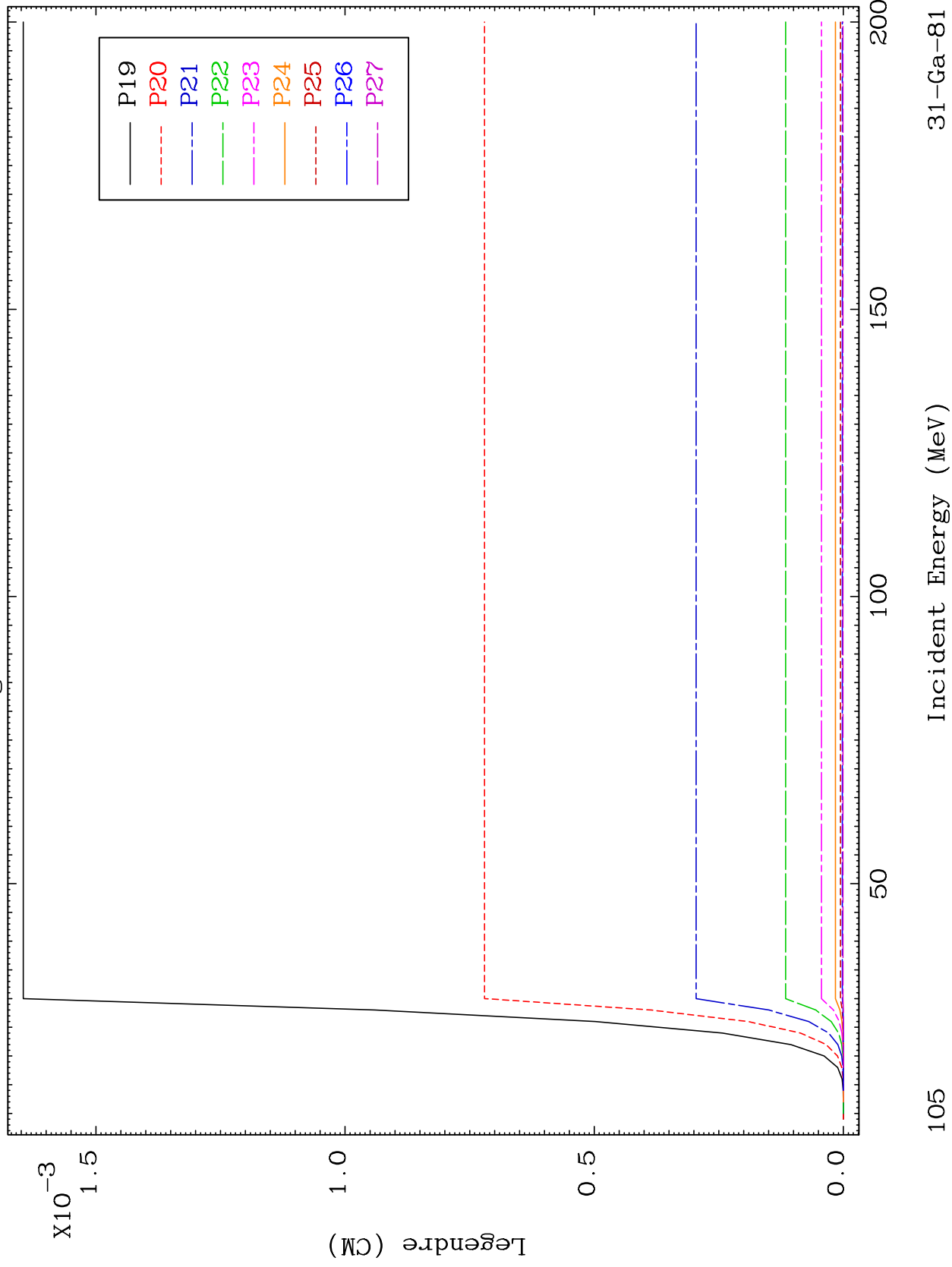




MAT 3161

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

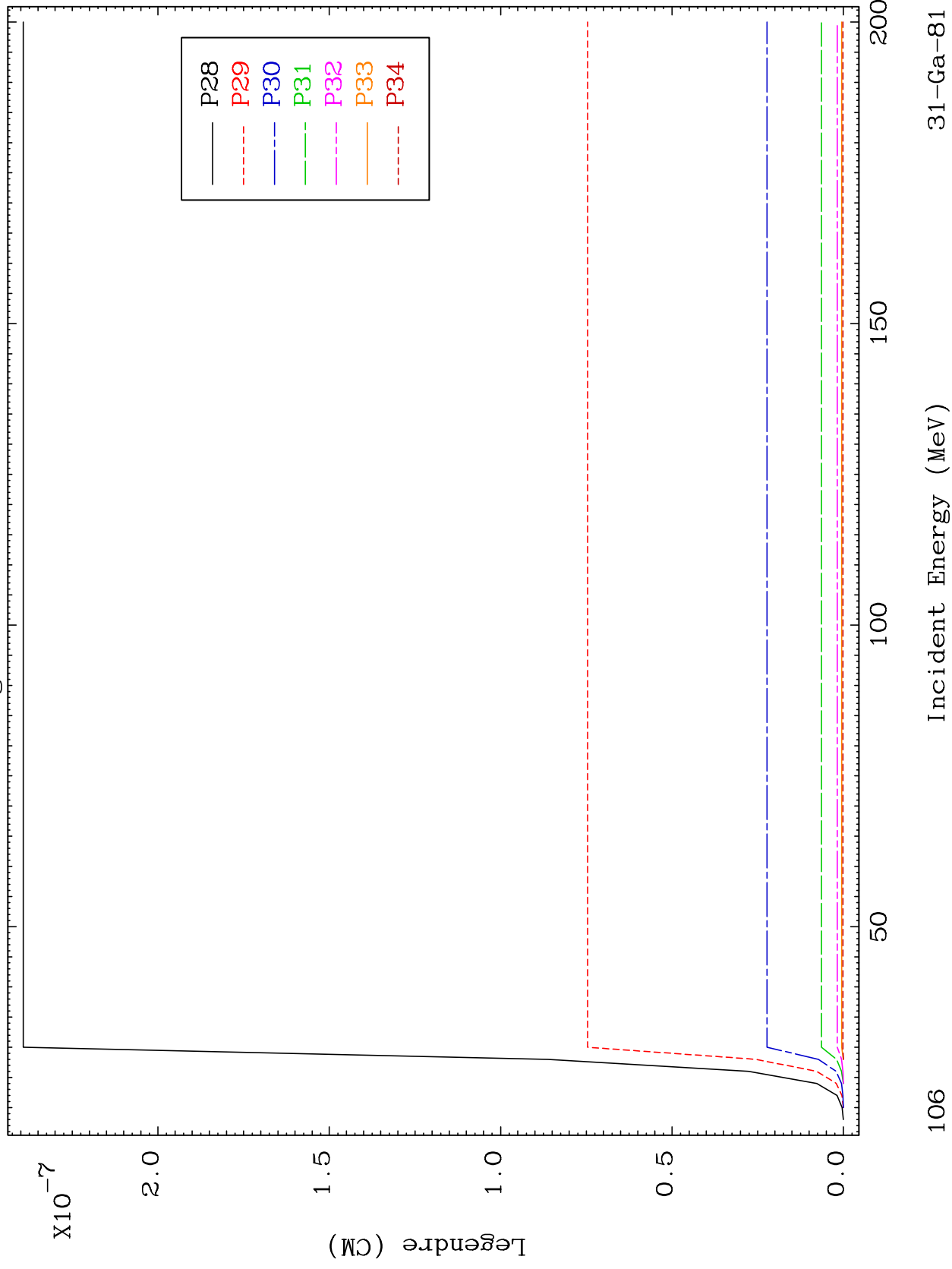
31-Ga-81



MAT 3161

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

31-Ga-81



106

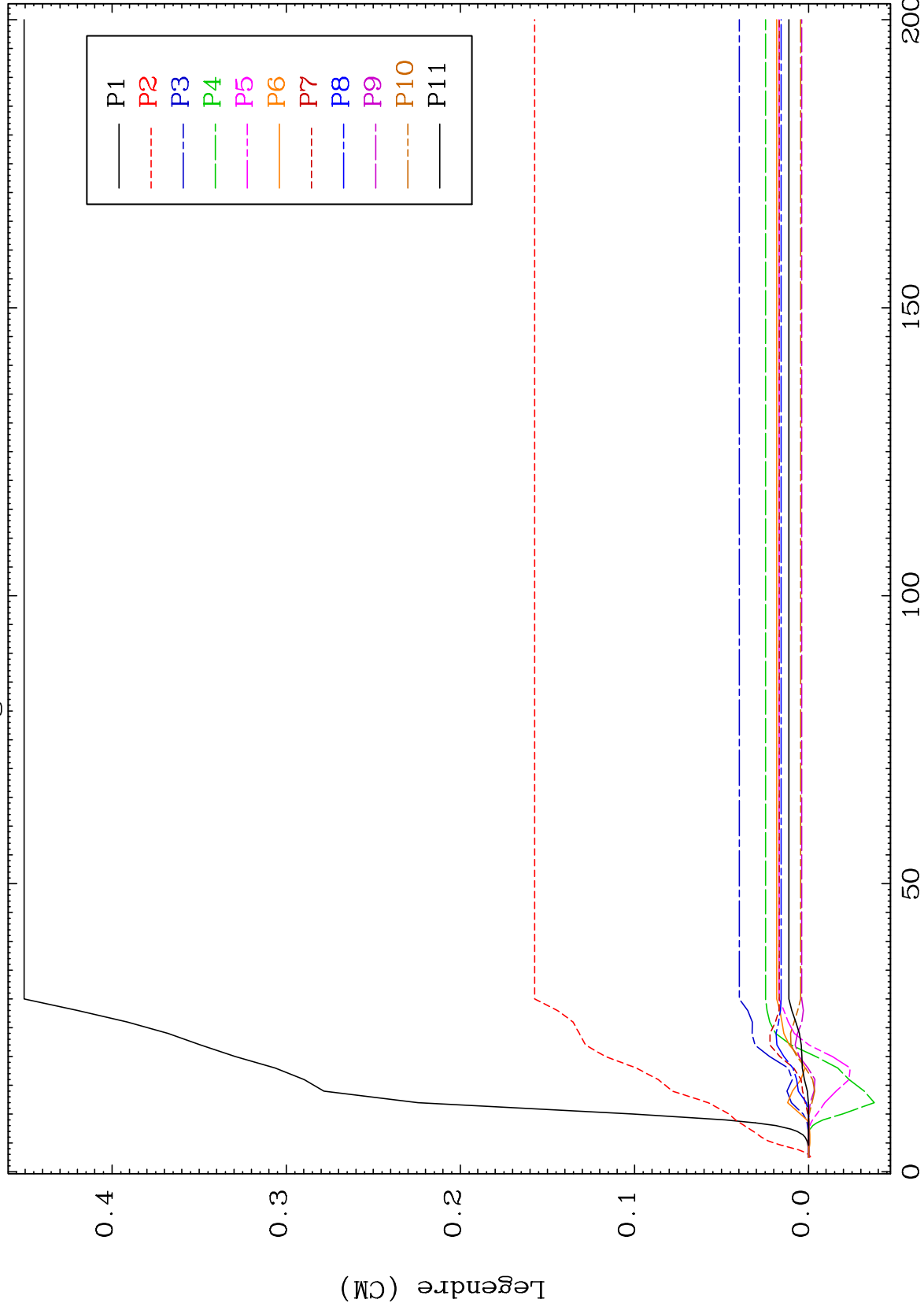
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

31-Ga-81



107

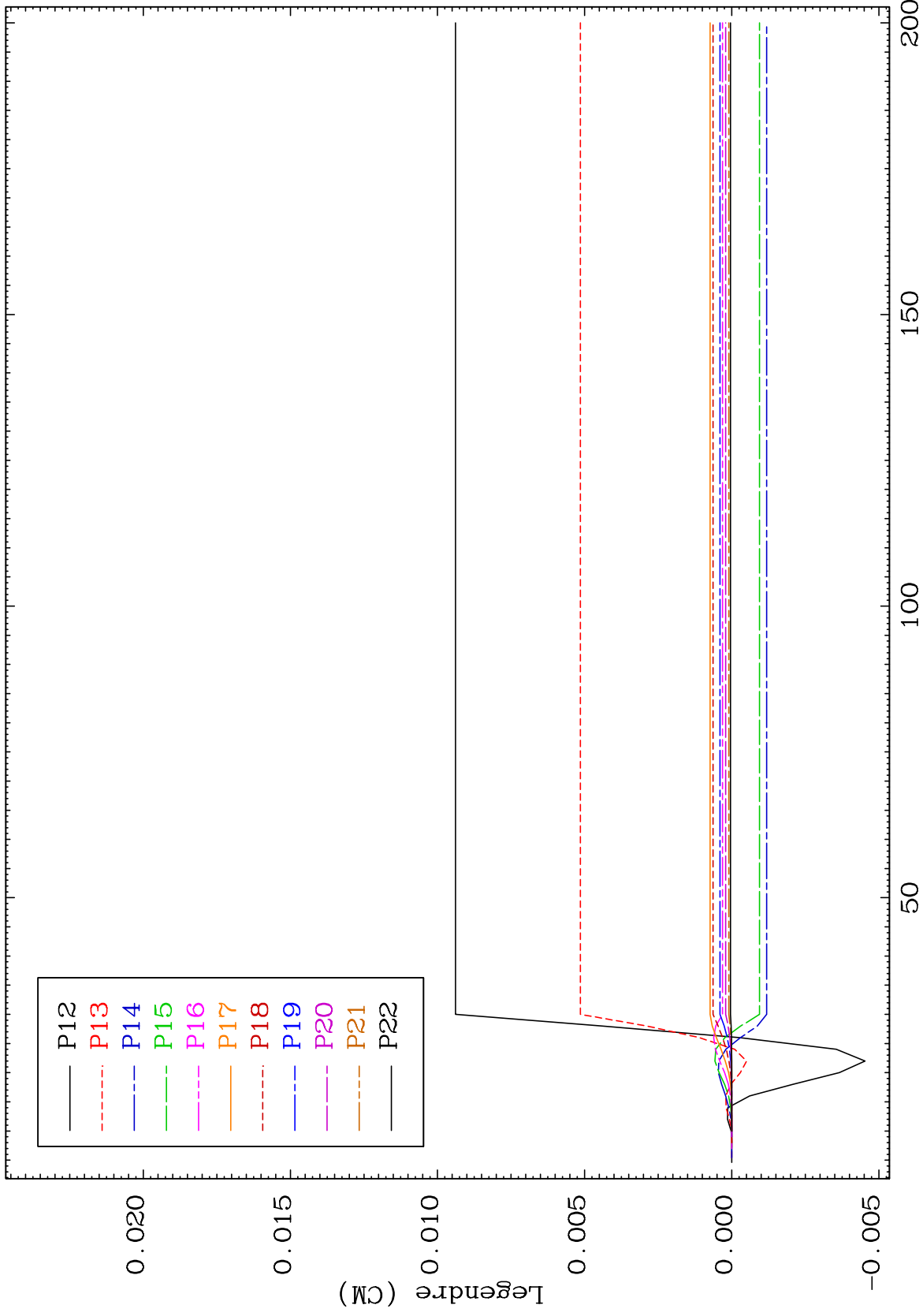
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

31-Ga-81



108

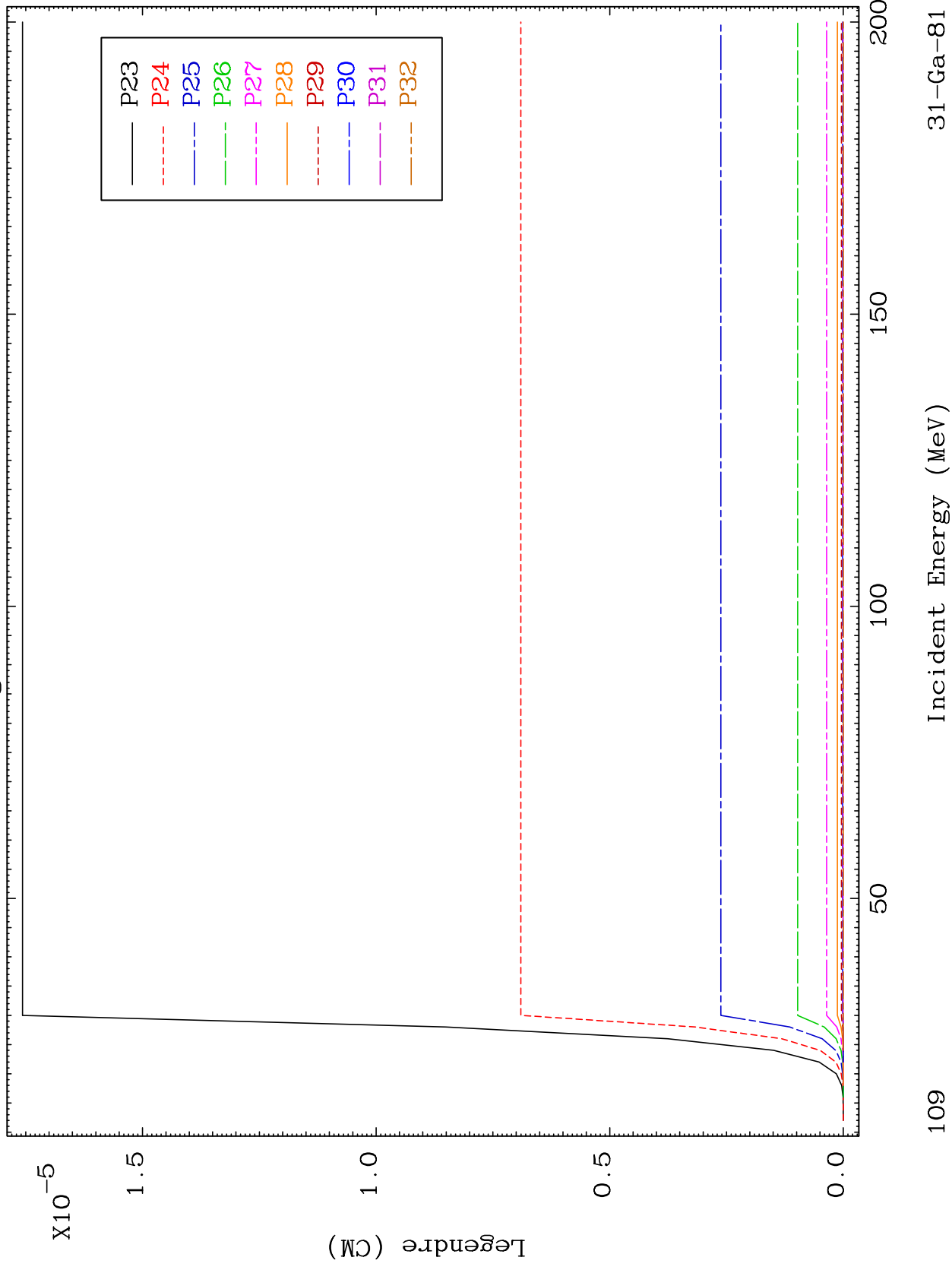
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

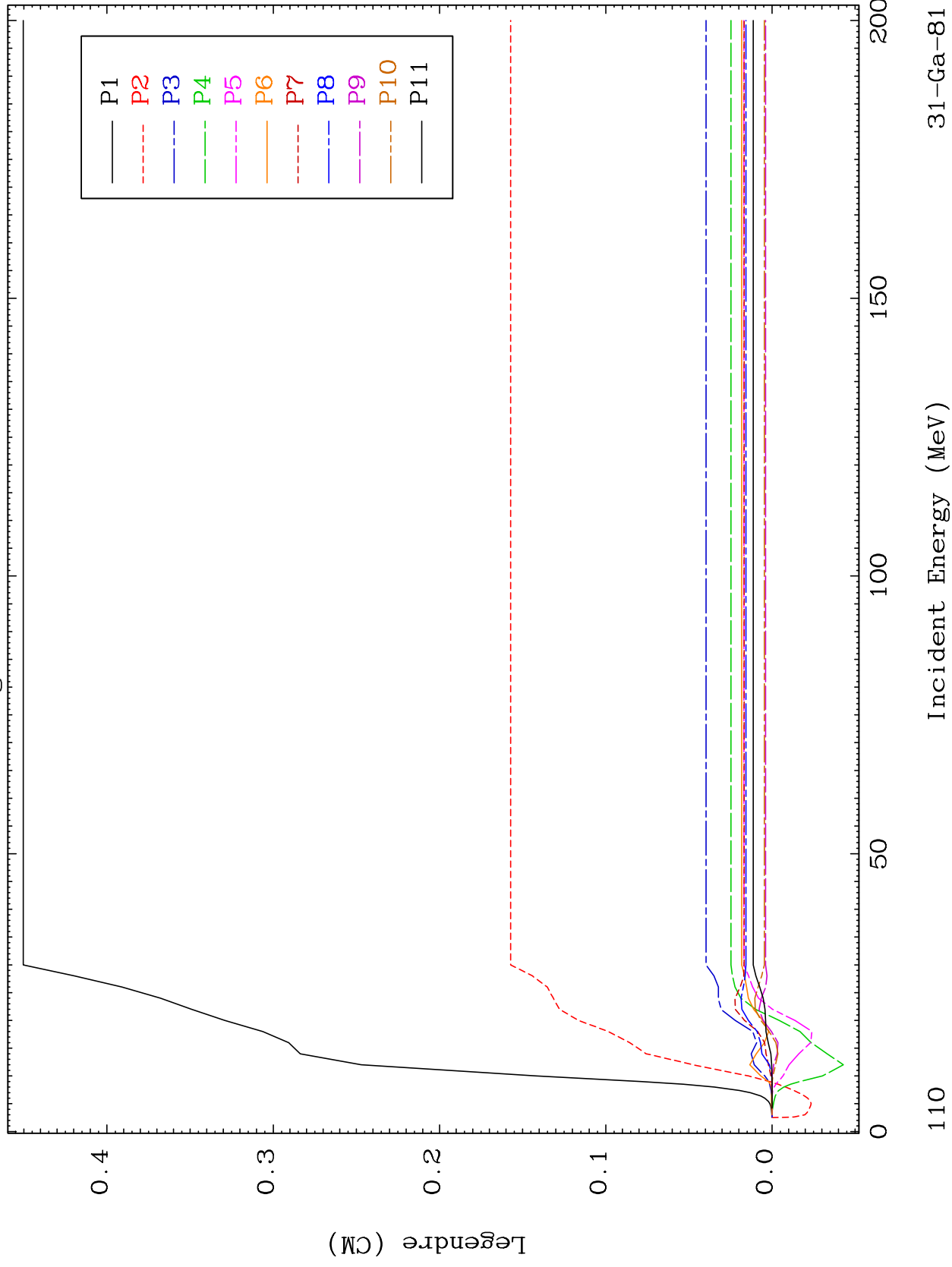
31-Ga-81



MAT 3161

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

31-Ga-81



31-Ga-81

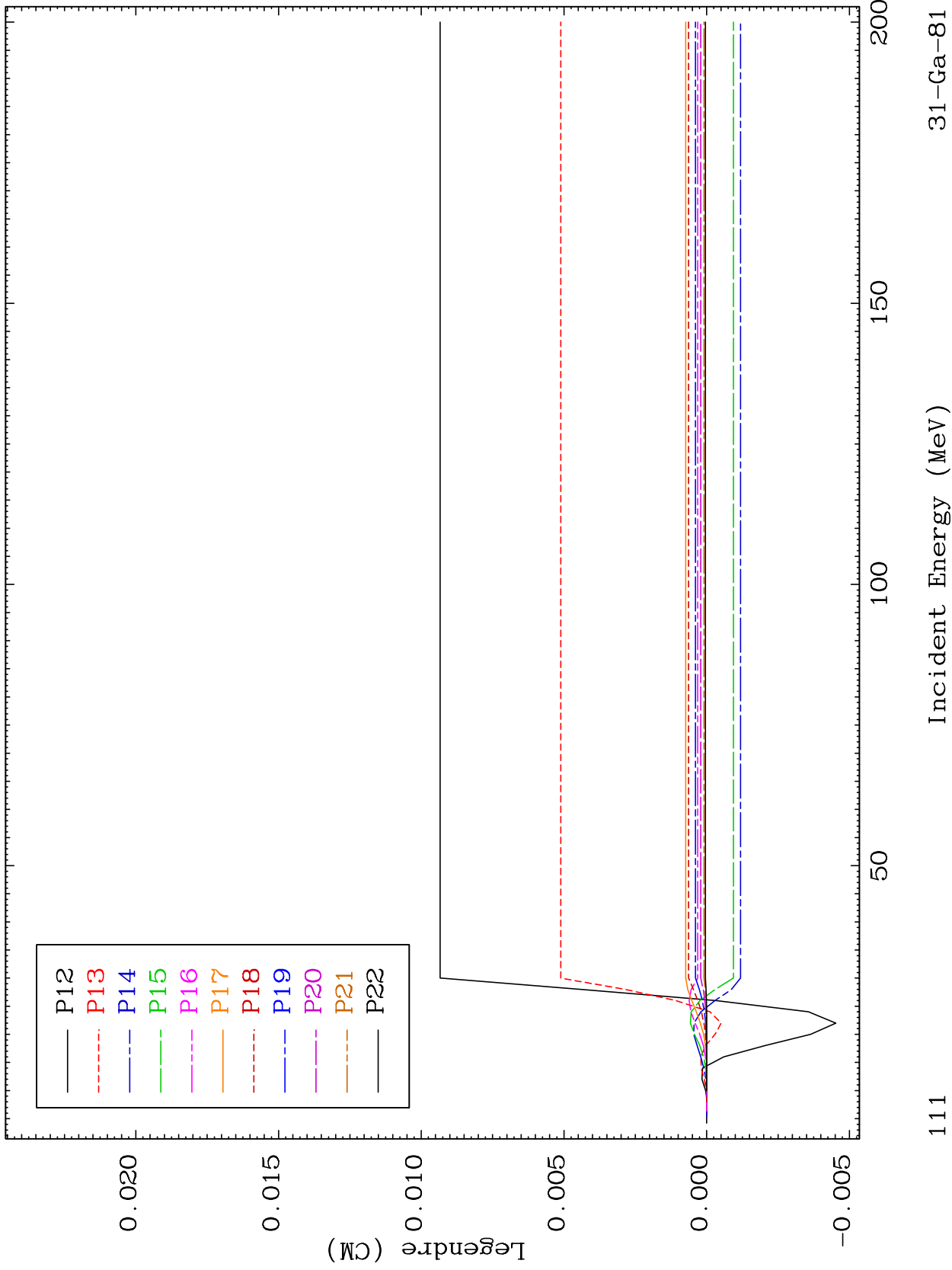
Incident Energy (MeV)

110

MAT 3161

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

31-Ga-81



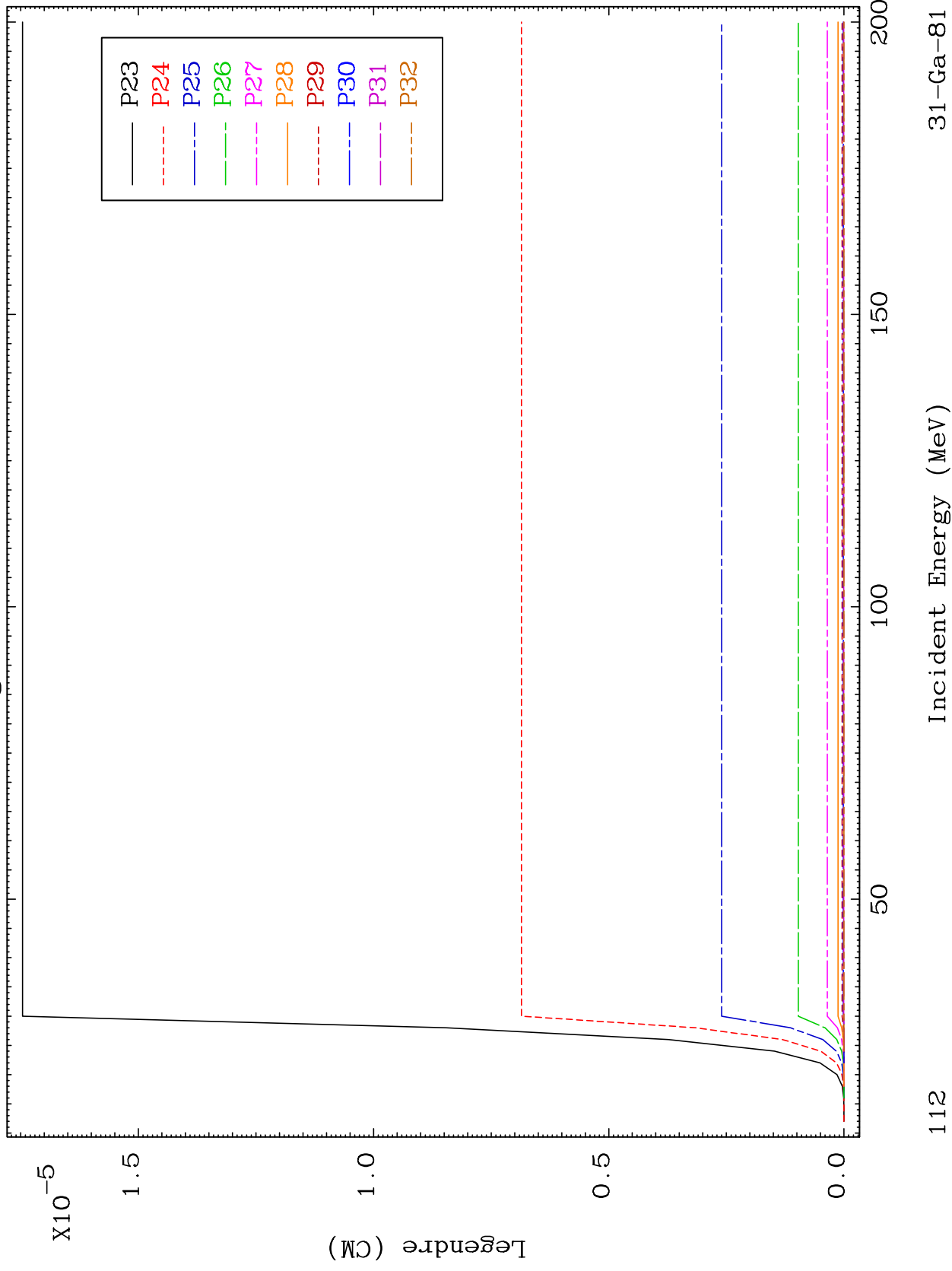
111

31-Ga-81

MAT 3161

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

31-Ga-81



112

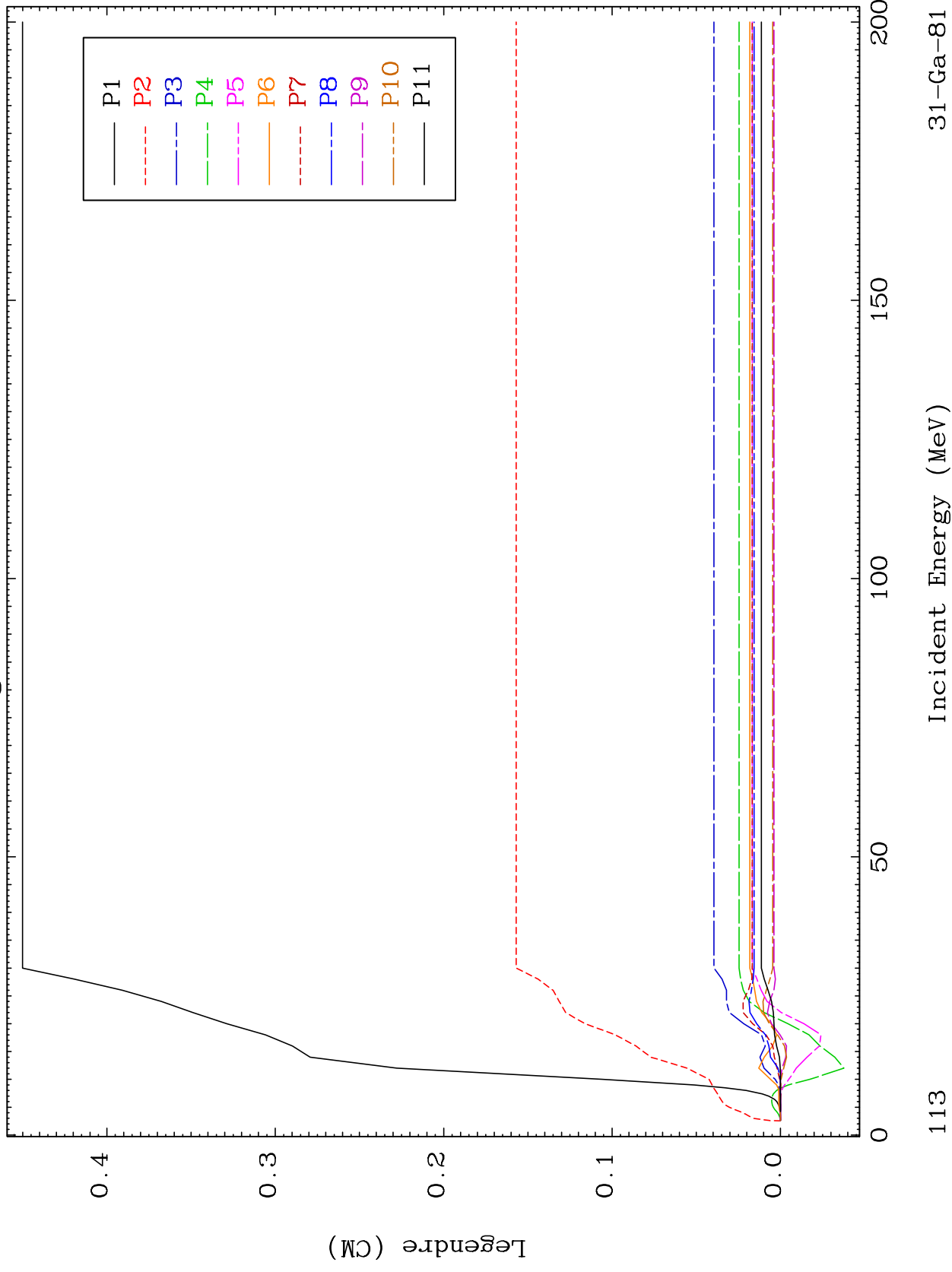
Incident Energy (MeV)

31-Ga-81

MAT 3161

31-Ga-81

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



31-Ga-81

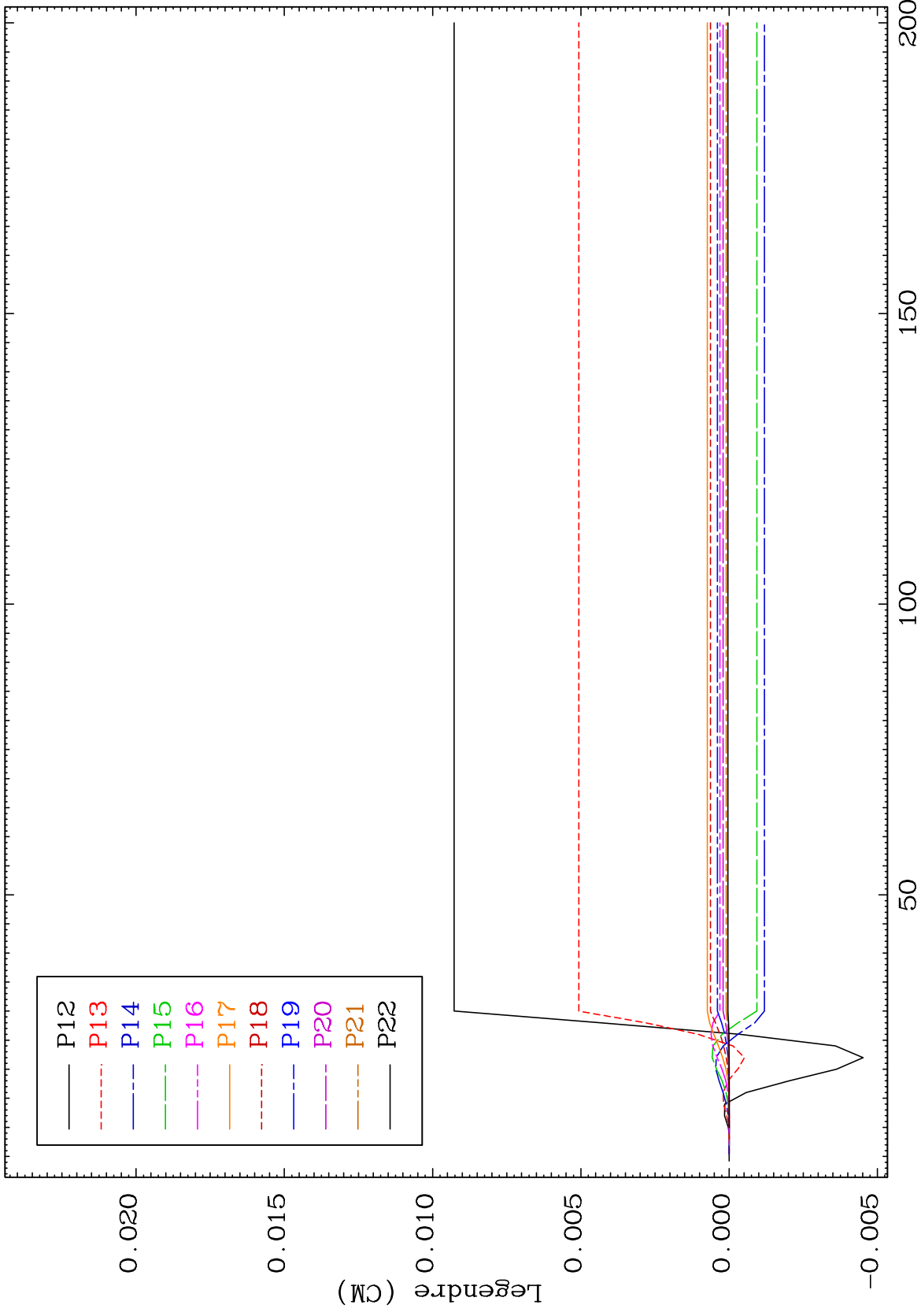
Incident Energy (MeV)

113

MAT 3161

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

31-Ga-81



114

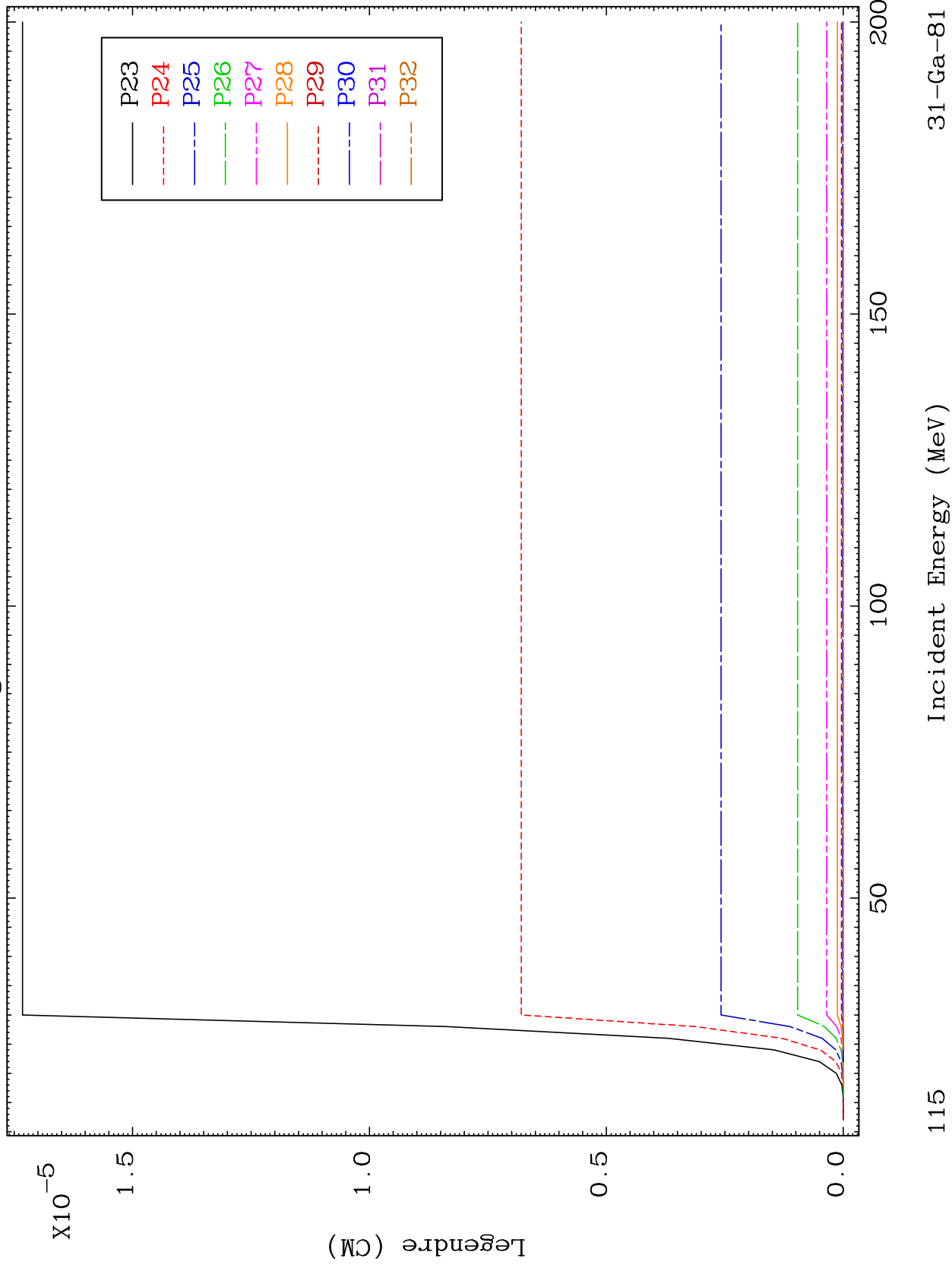
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

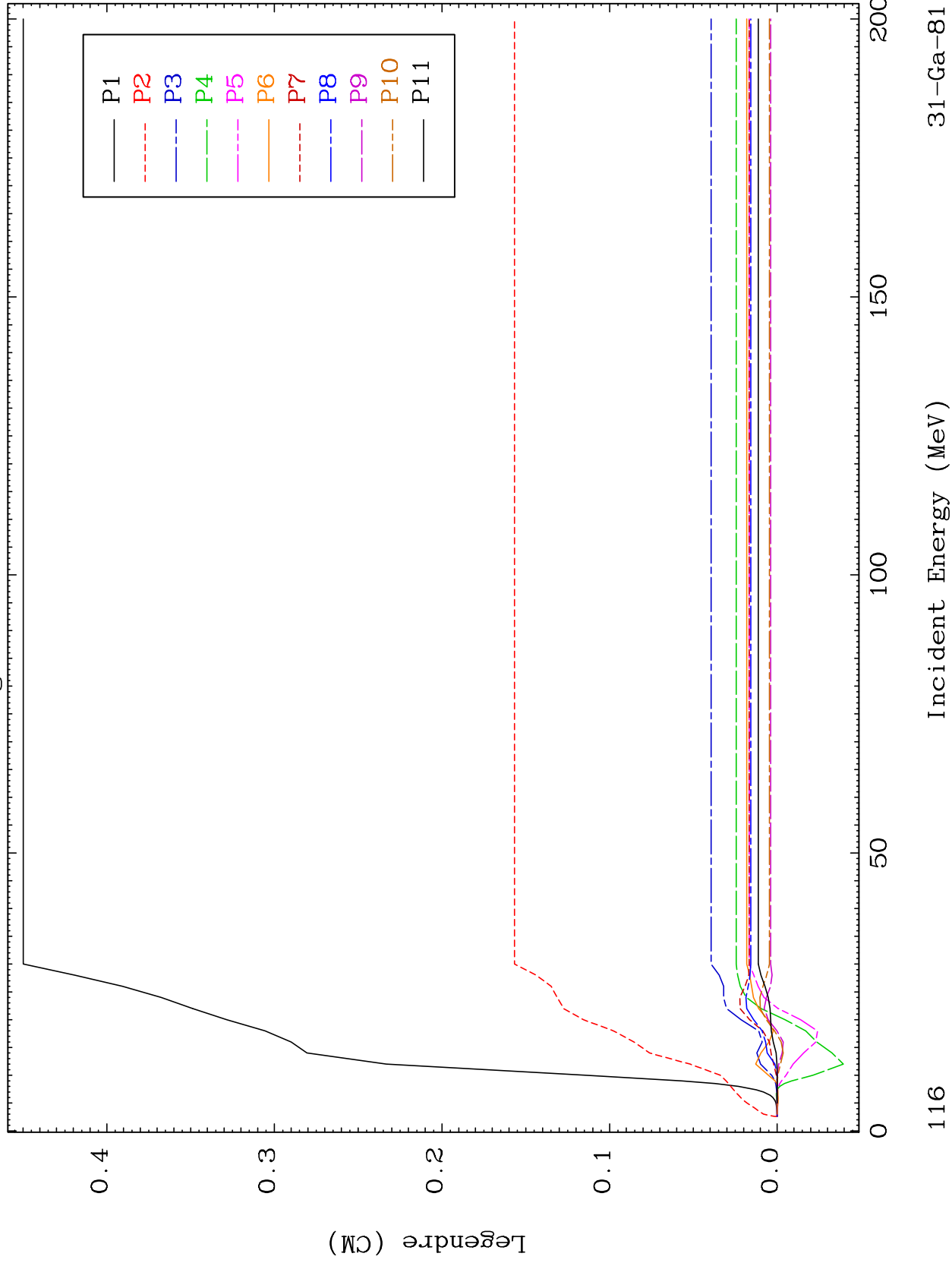
31-Ga-81



MAT 3161

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

31-Ga-81



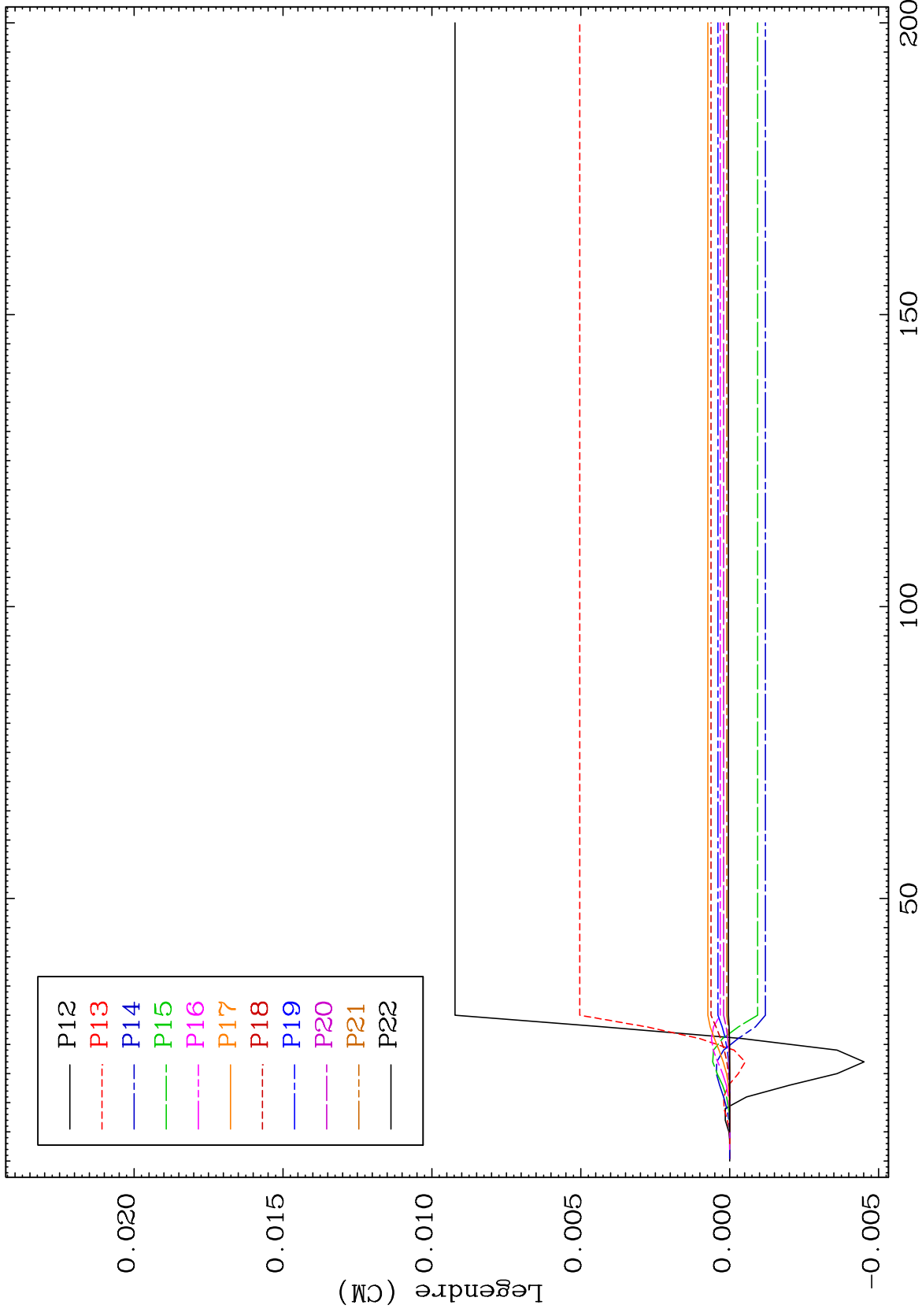
116

31-Ga-81

MAT 3161

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

31-Ga-81



117

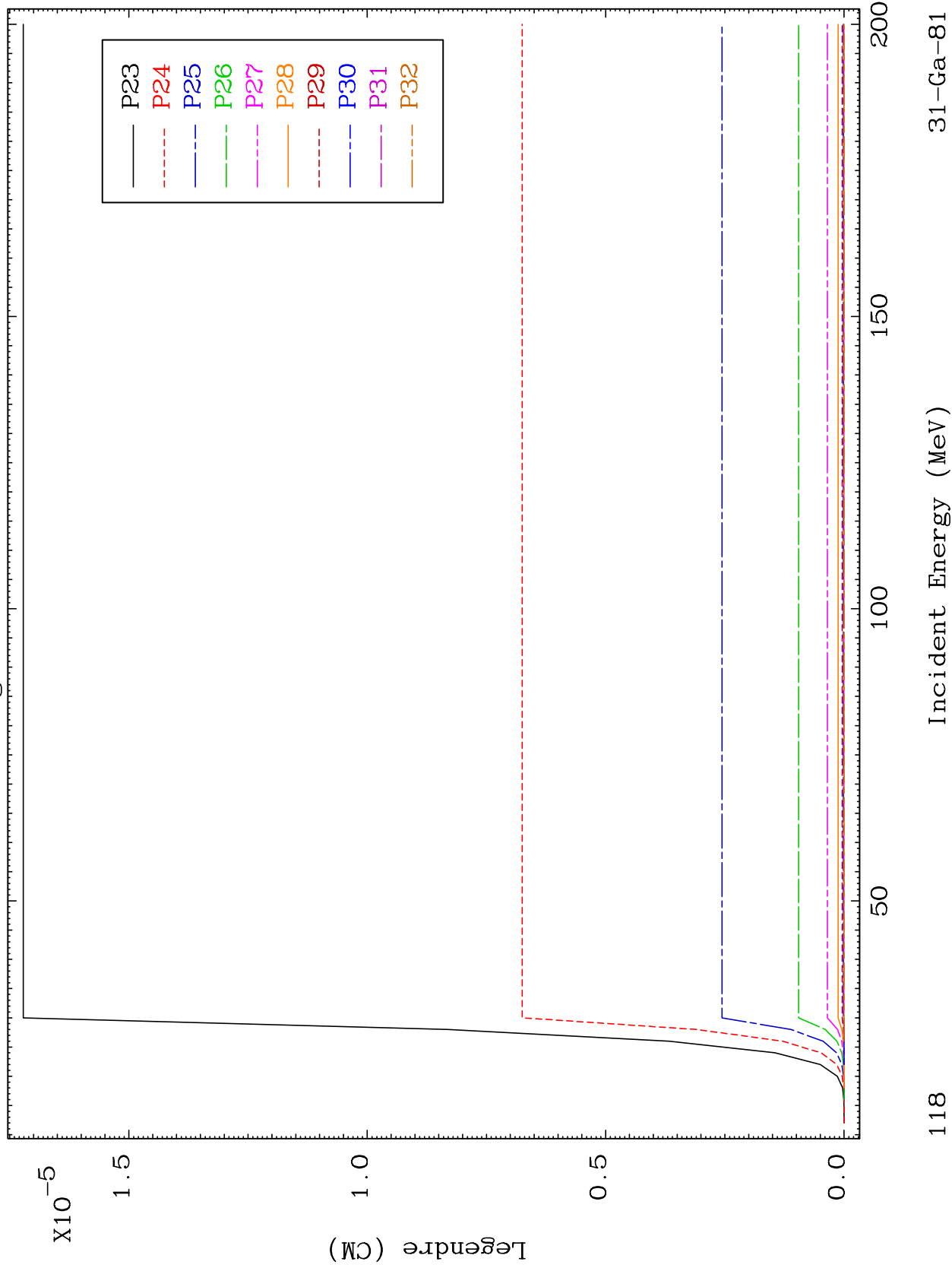
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

31-Ga-81



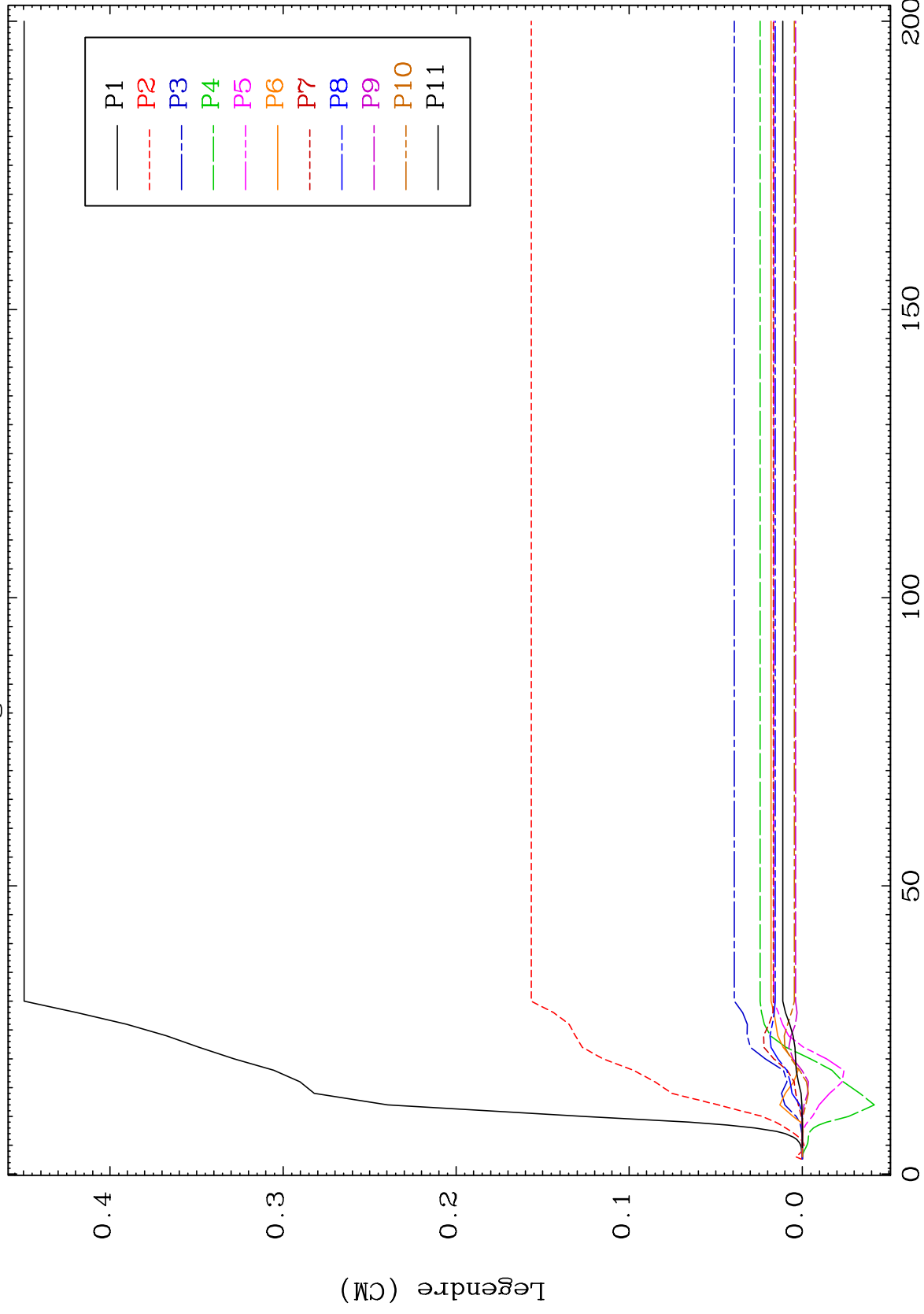
118

31-Ga-81

MAT 3161

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

31-Ga-81



119

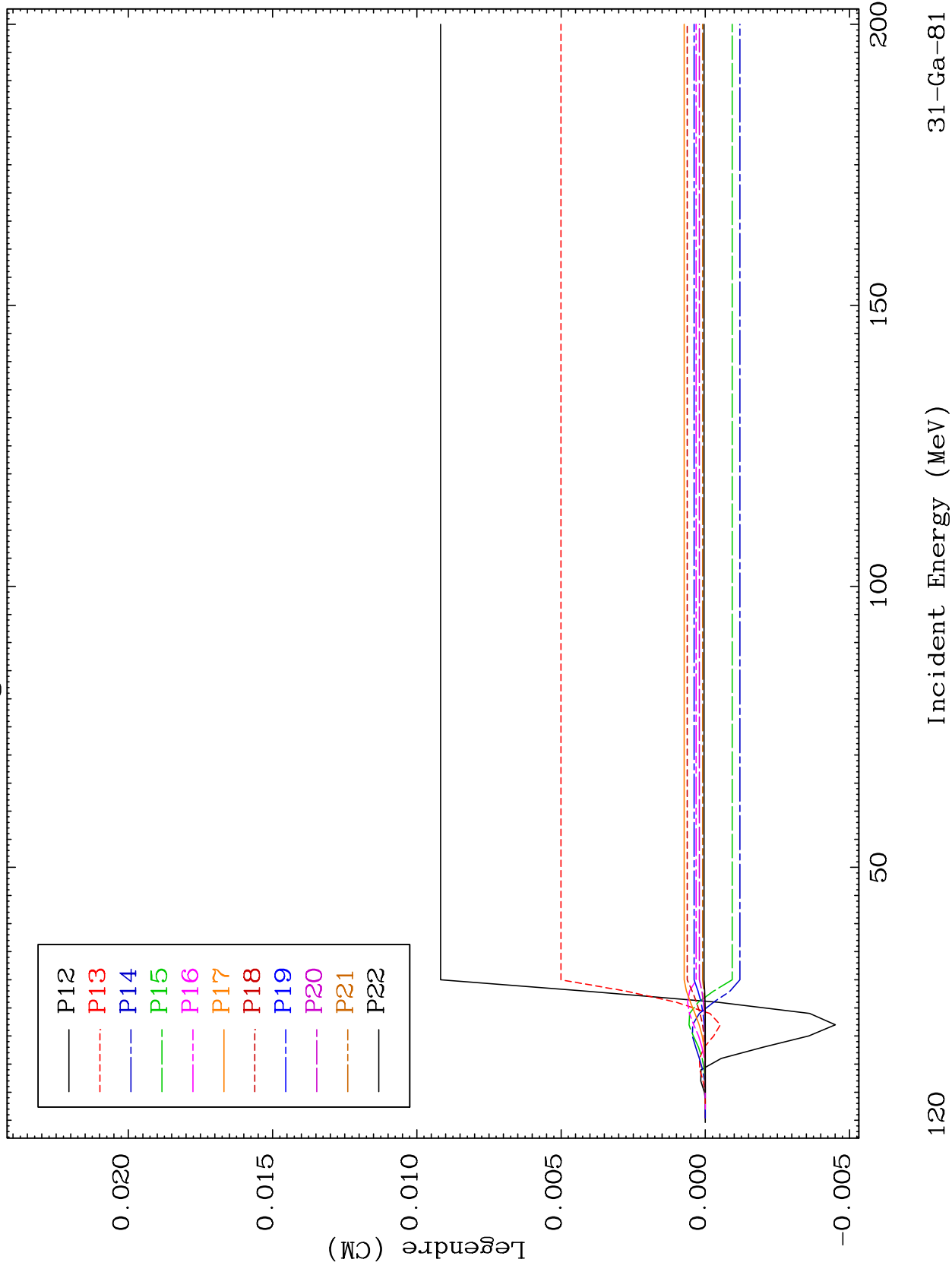
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

31-Ga-81



120

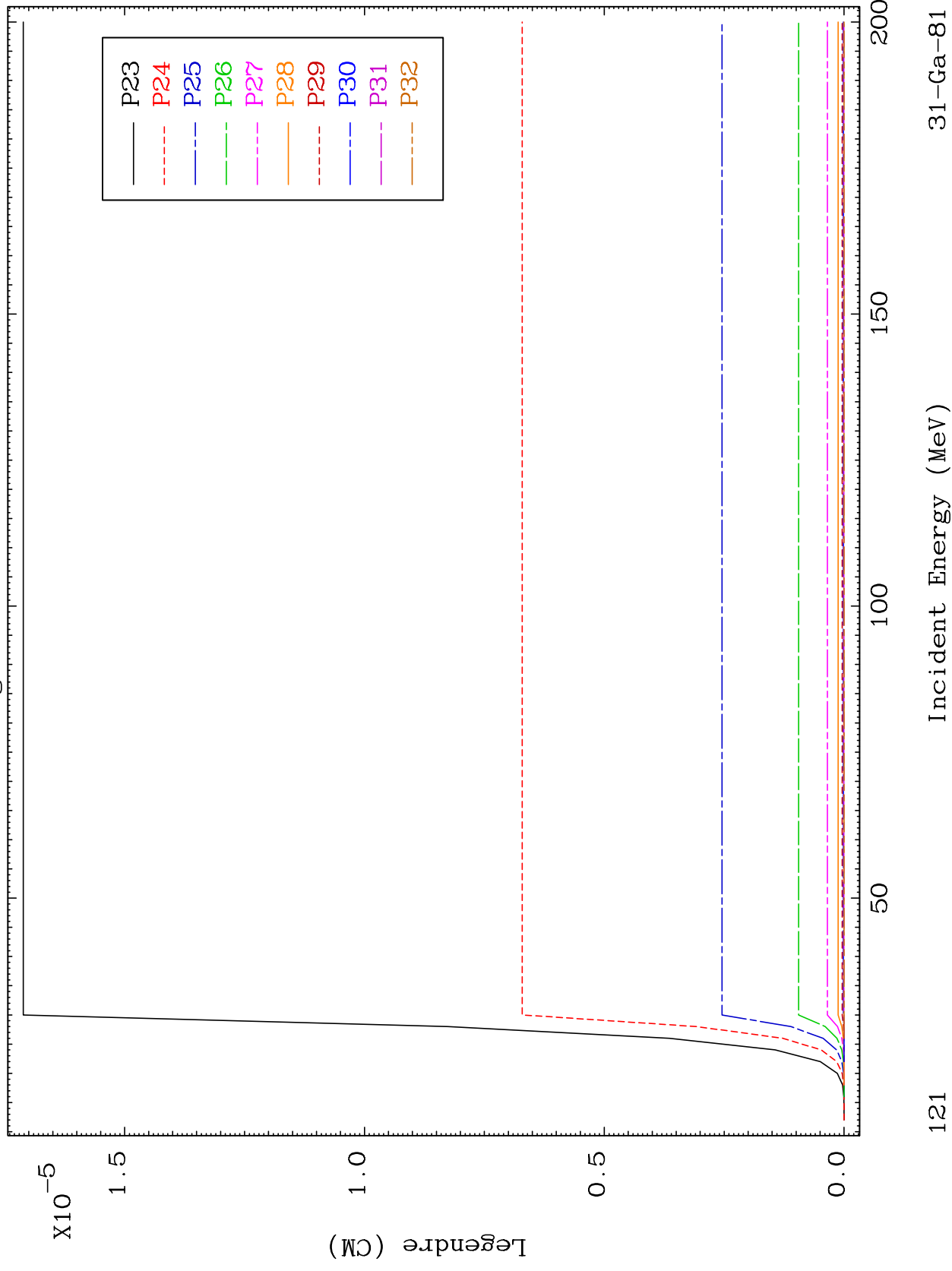
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

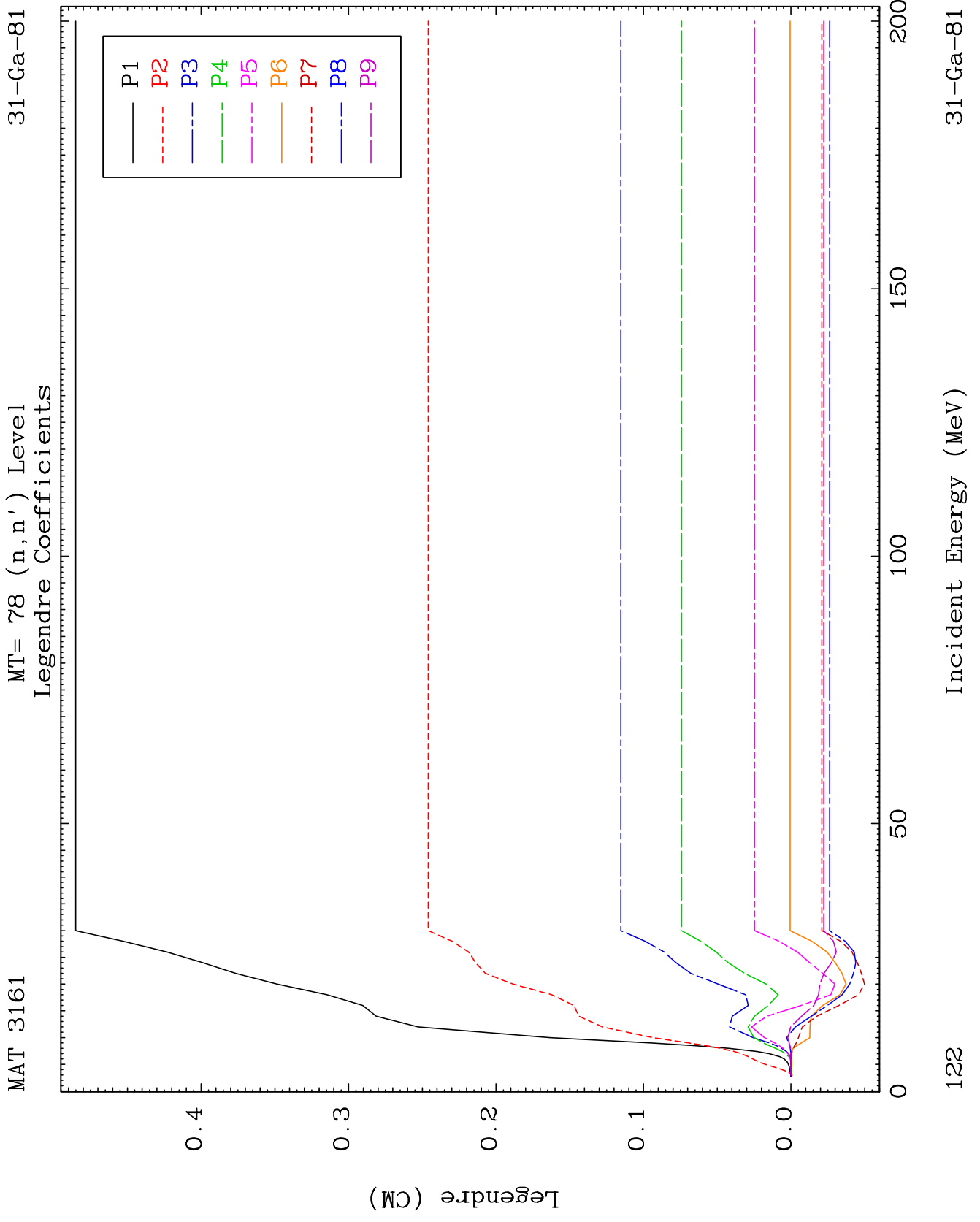
31-Ga-81



121

Incident Energy (MeV)

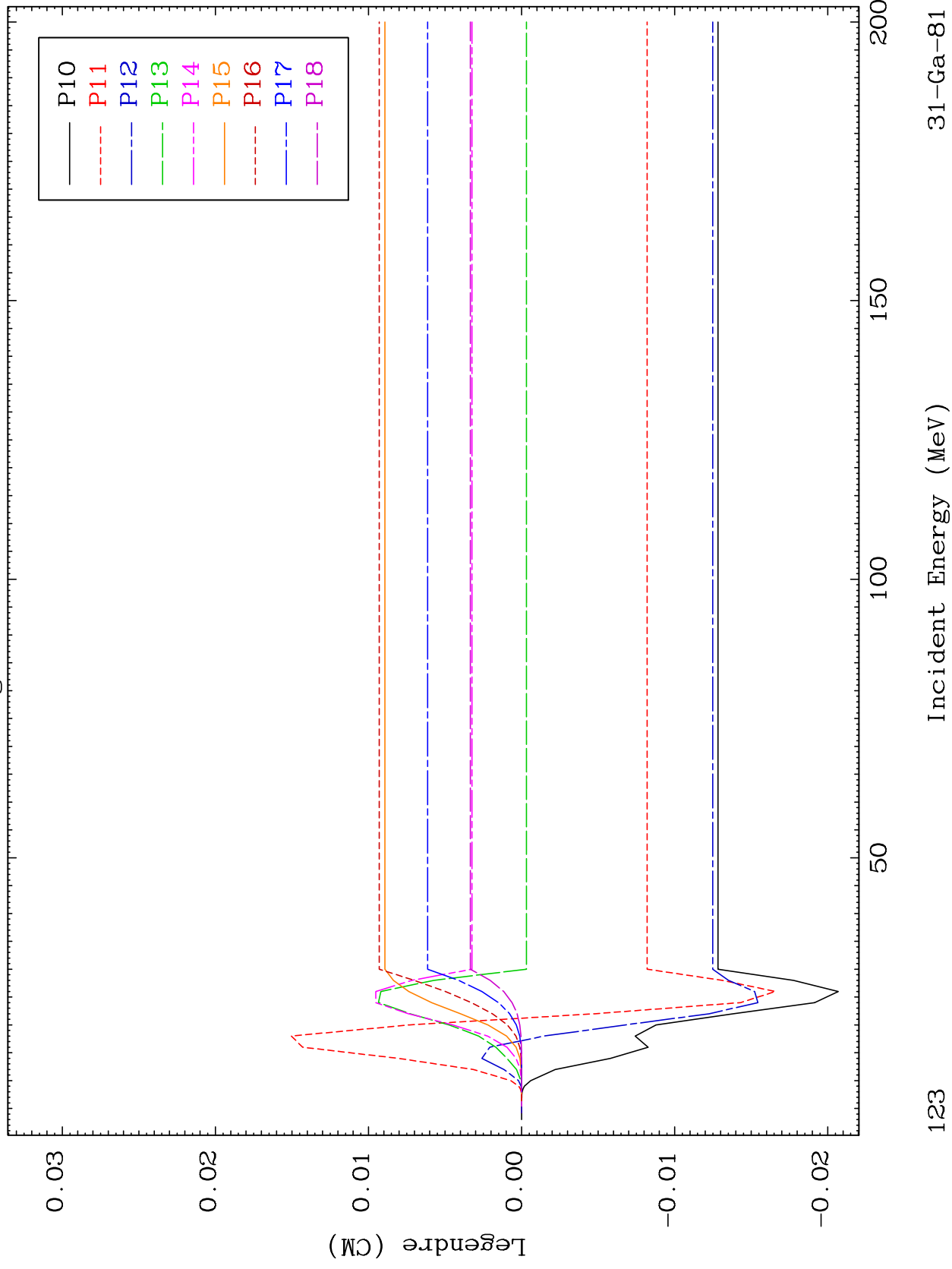
31-Ga-81



MAT 3161

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

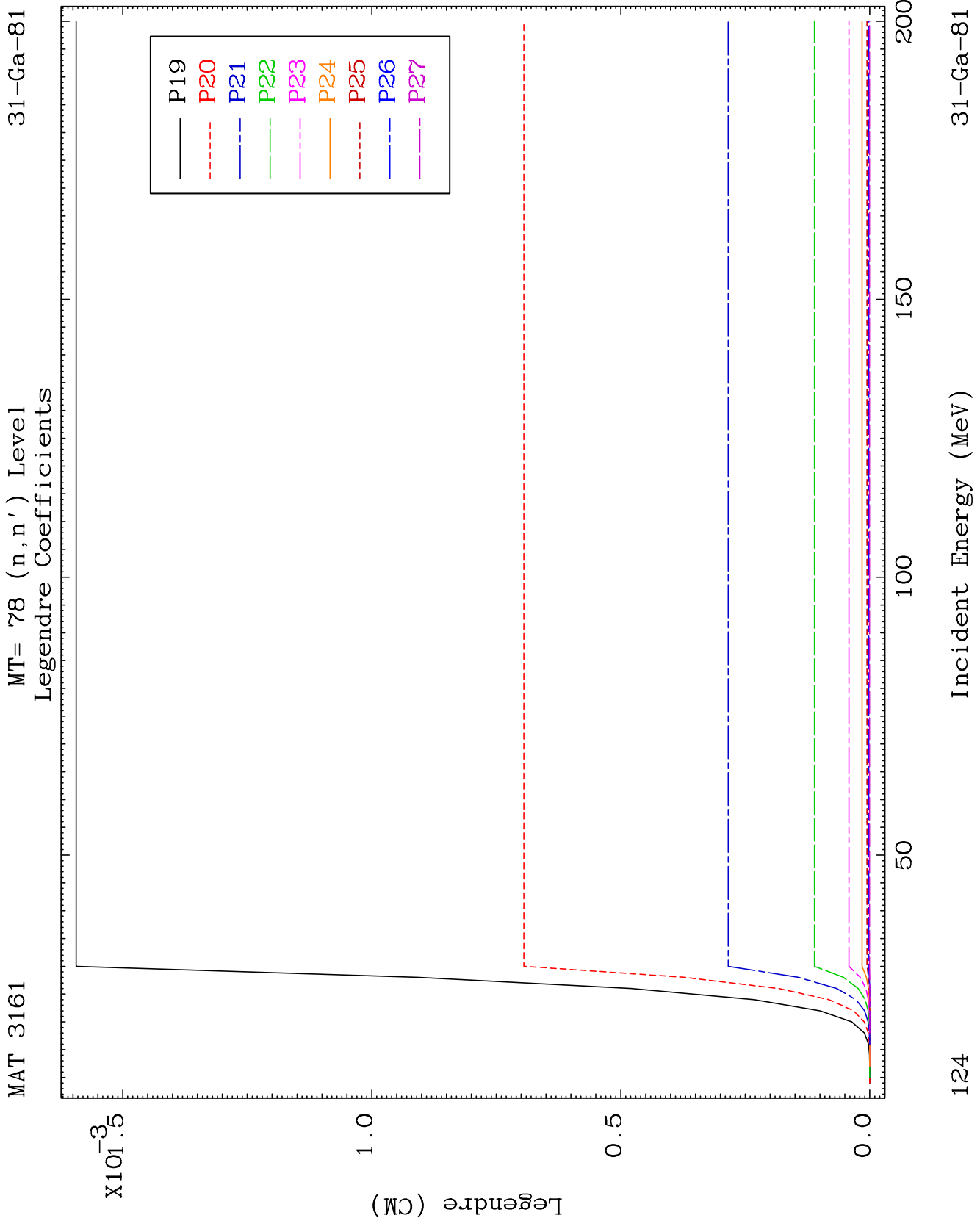
31-Ga-81



123

Incident Energy (MeV)

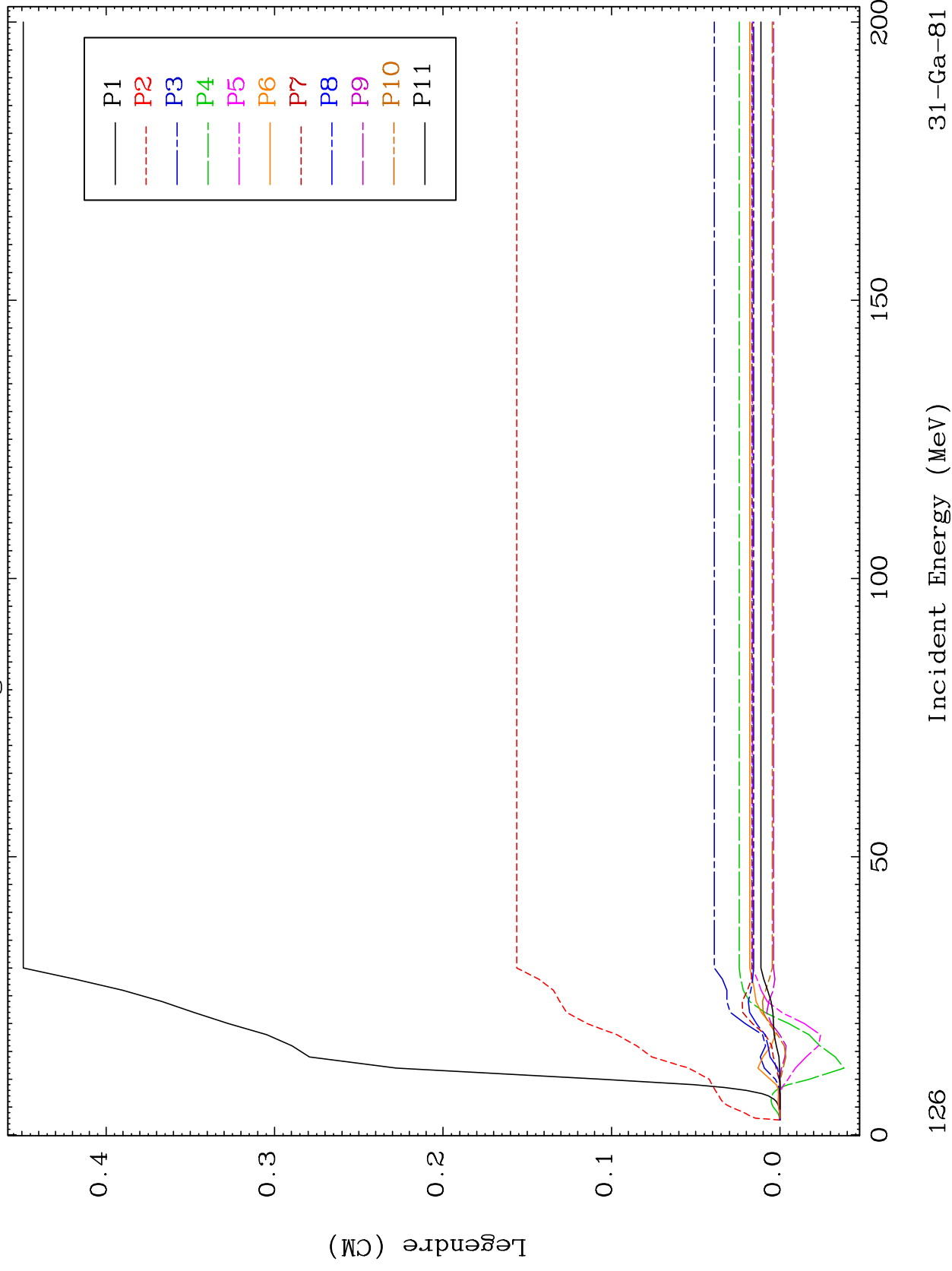
31-Ga-81



MAT 3161

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

31-Ga-81



126

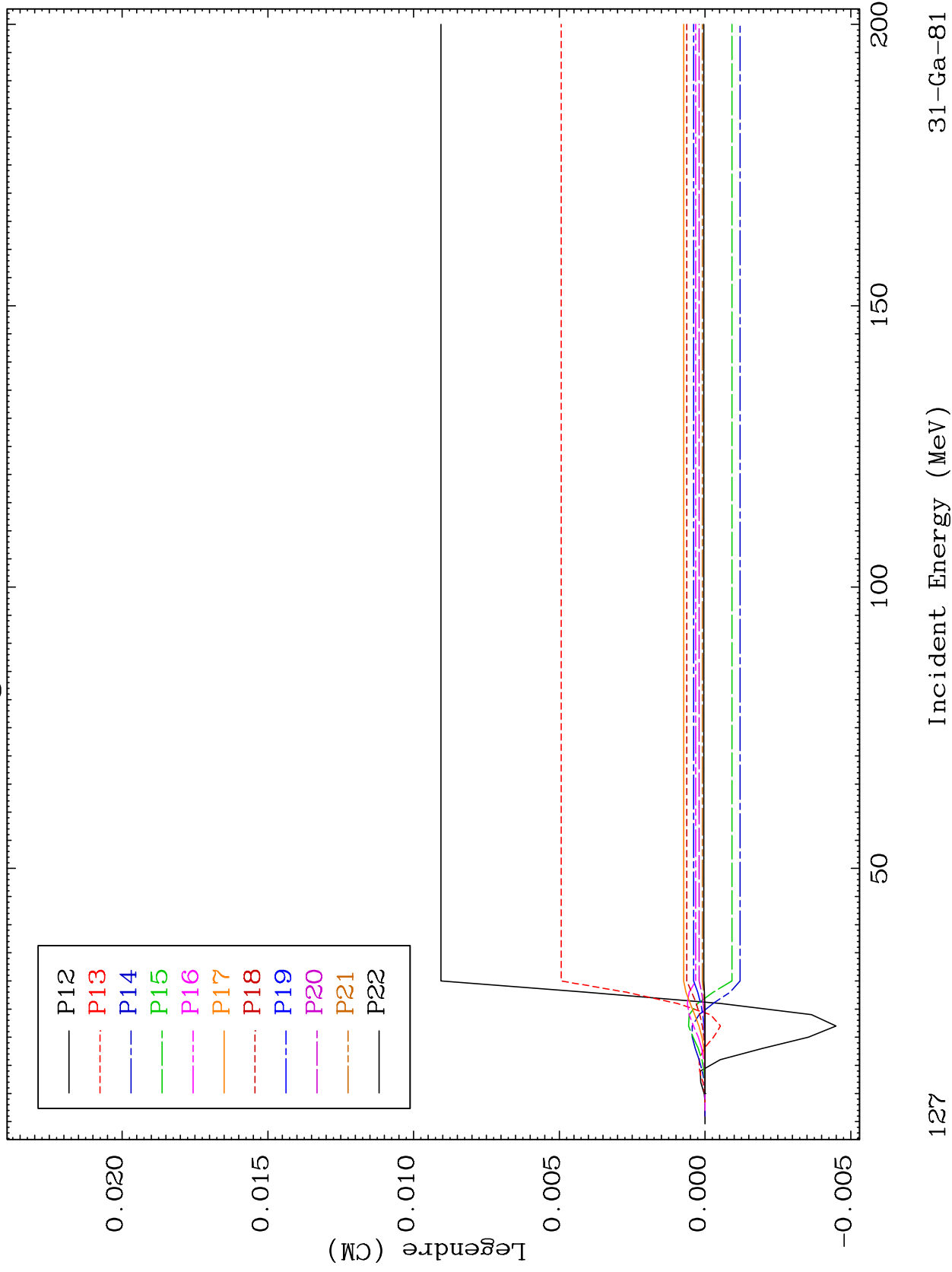
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

31-Ga-81



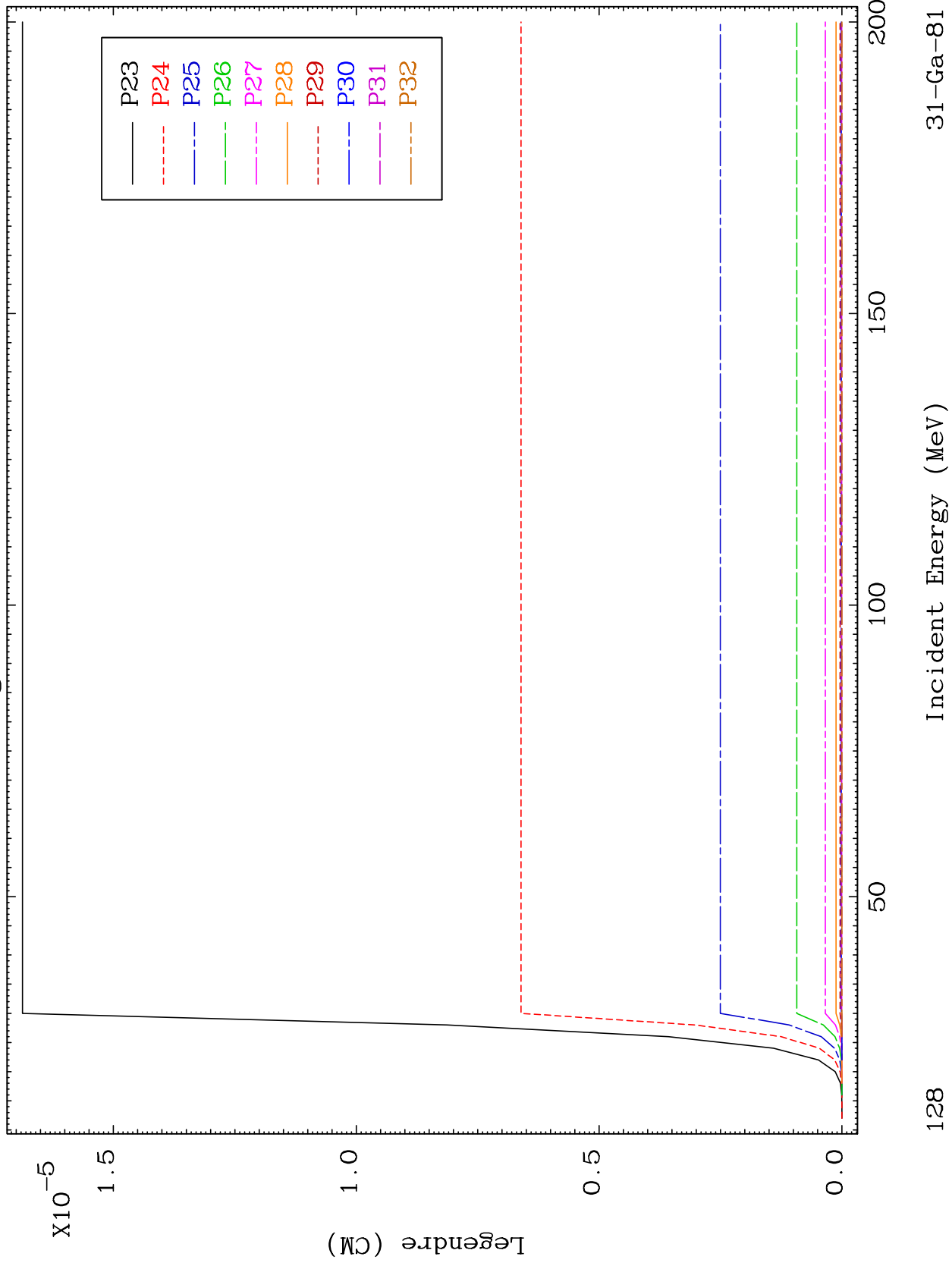
127

31-Ga-81

MAT 3161

31-Ga-81

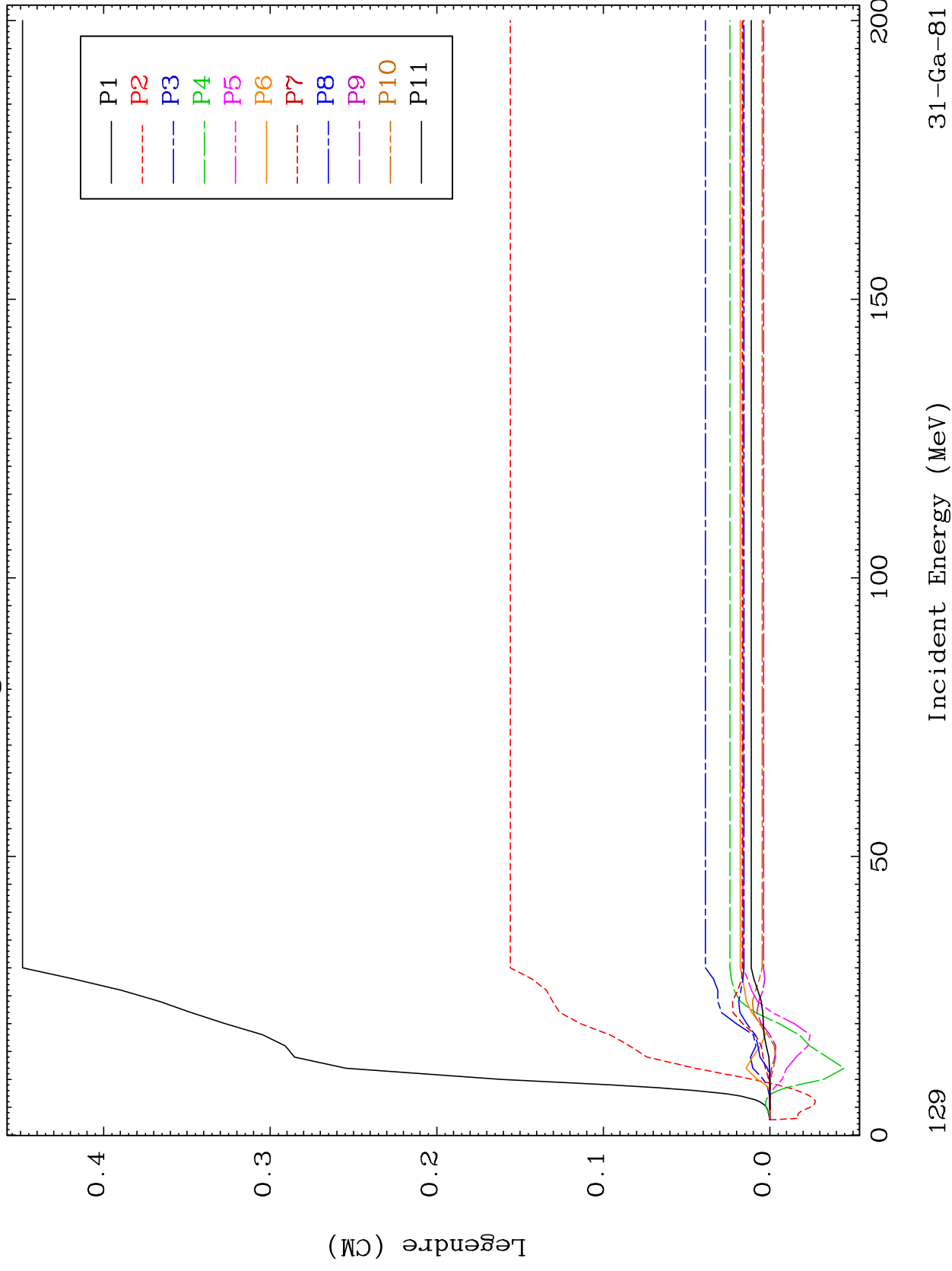
MT= 79 (n,n') Level
Legendre Coefficients



MAT 3161

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

31-Ga-81

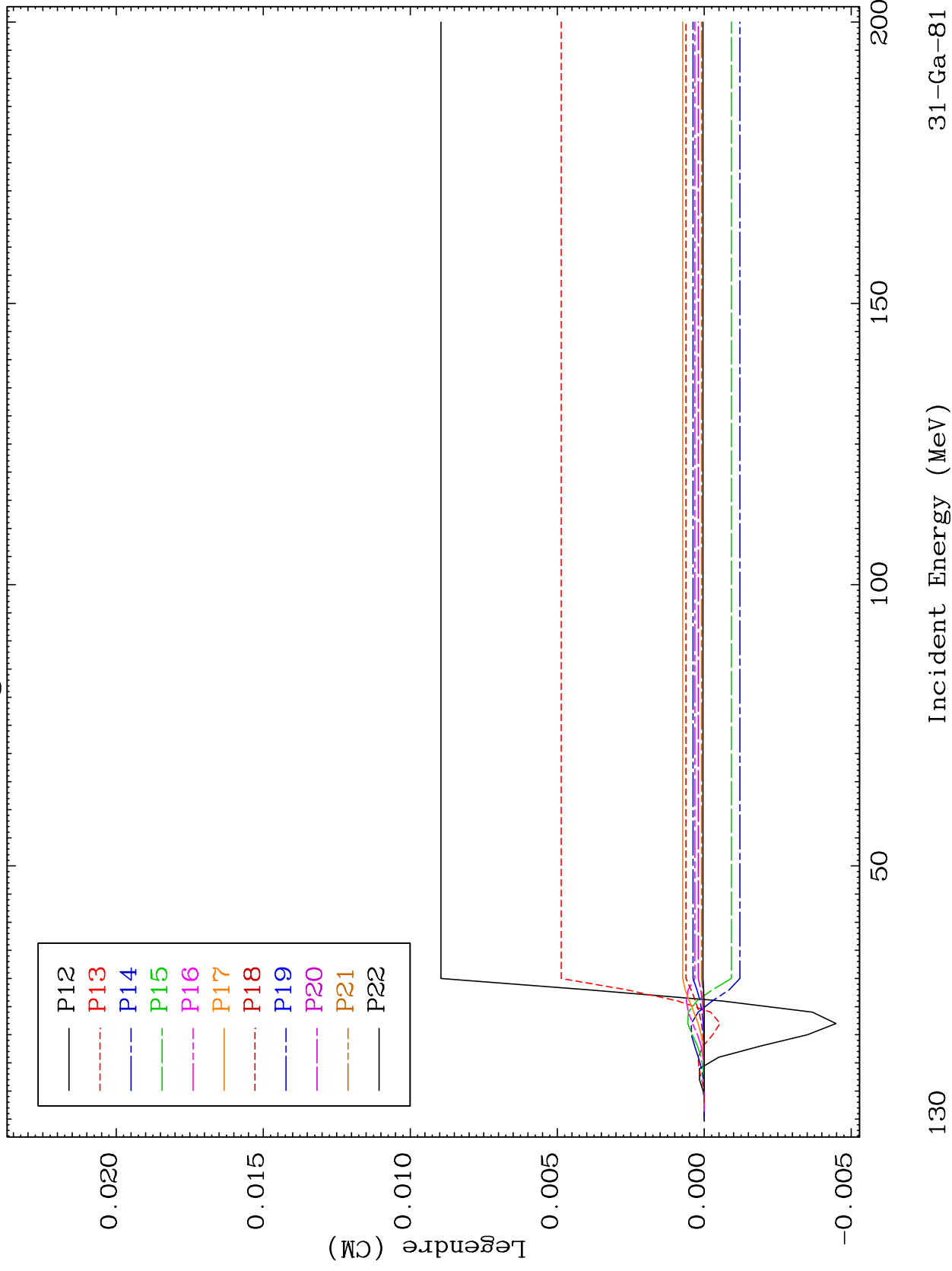


129

MAT 3161

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

31-Ga-81



130

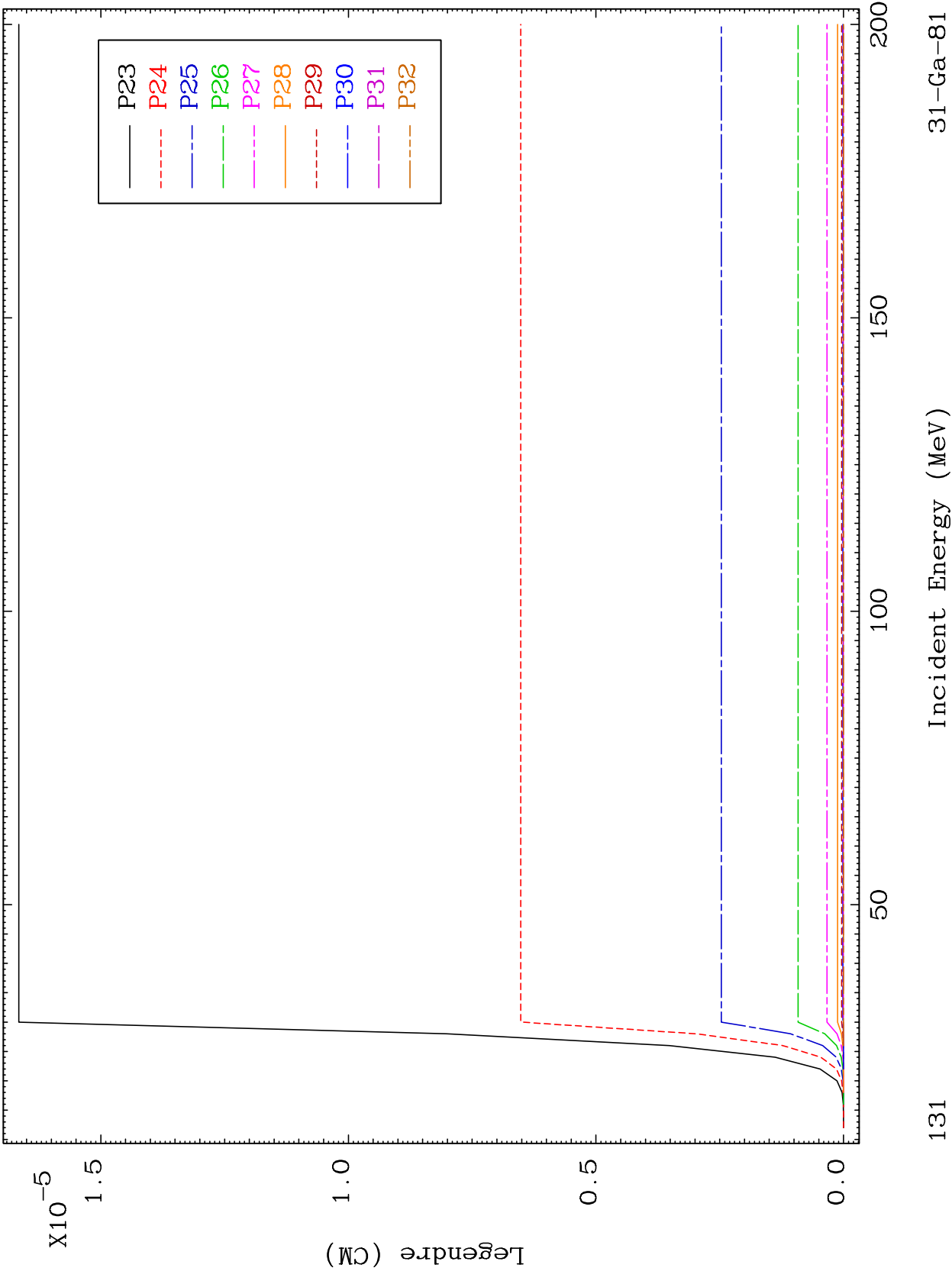
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

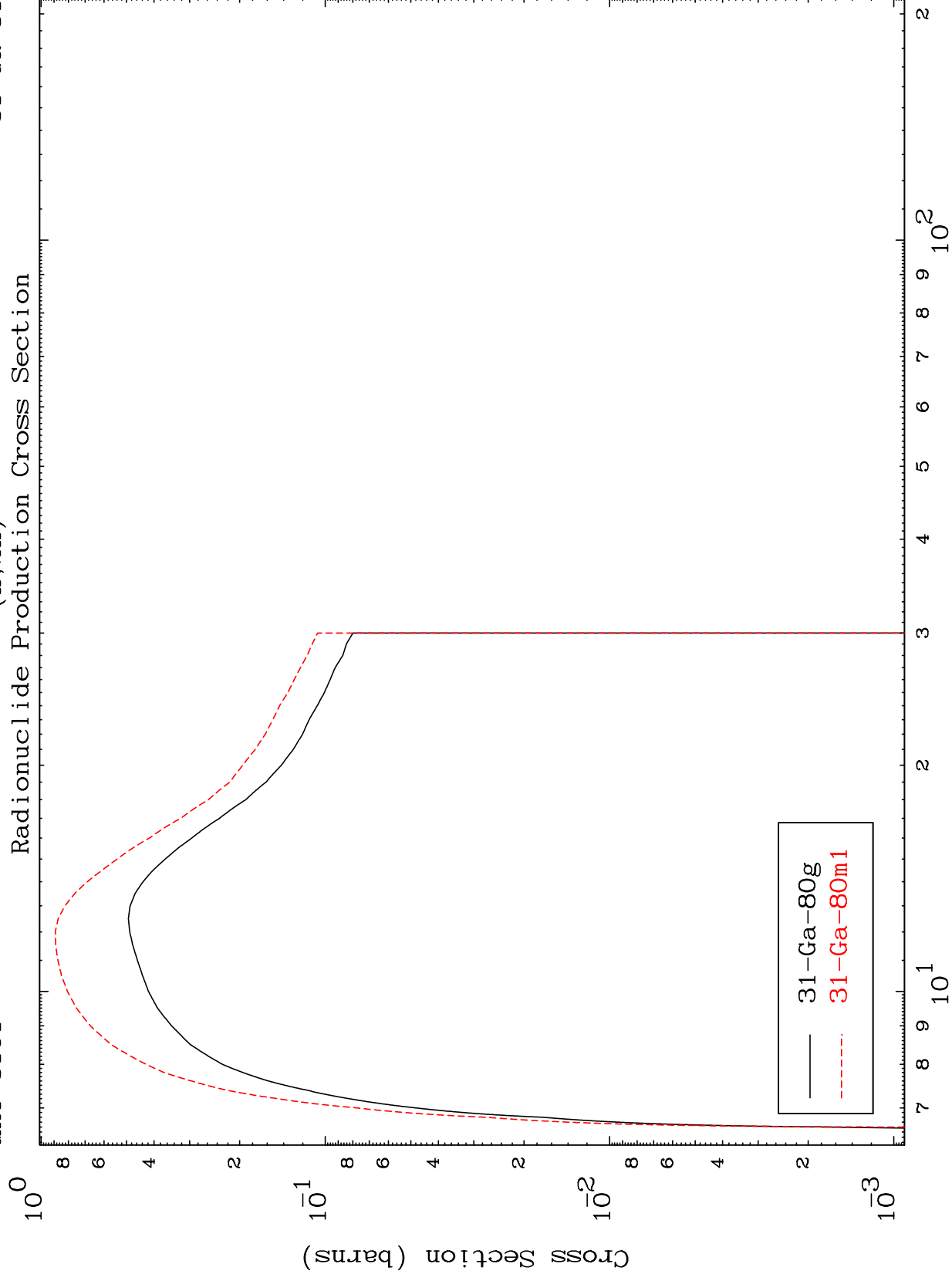
31-Ga-81



MAT 3161

³¹Ga-81

(n,2n)
Radionuclide Production Cross Section

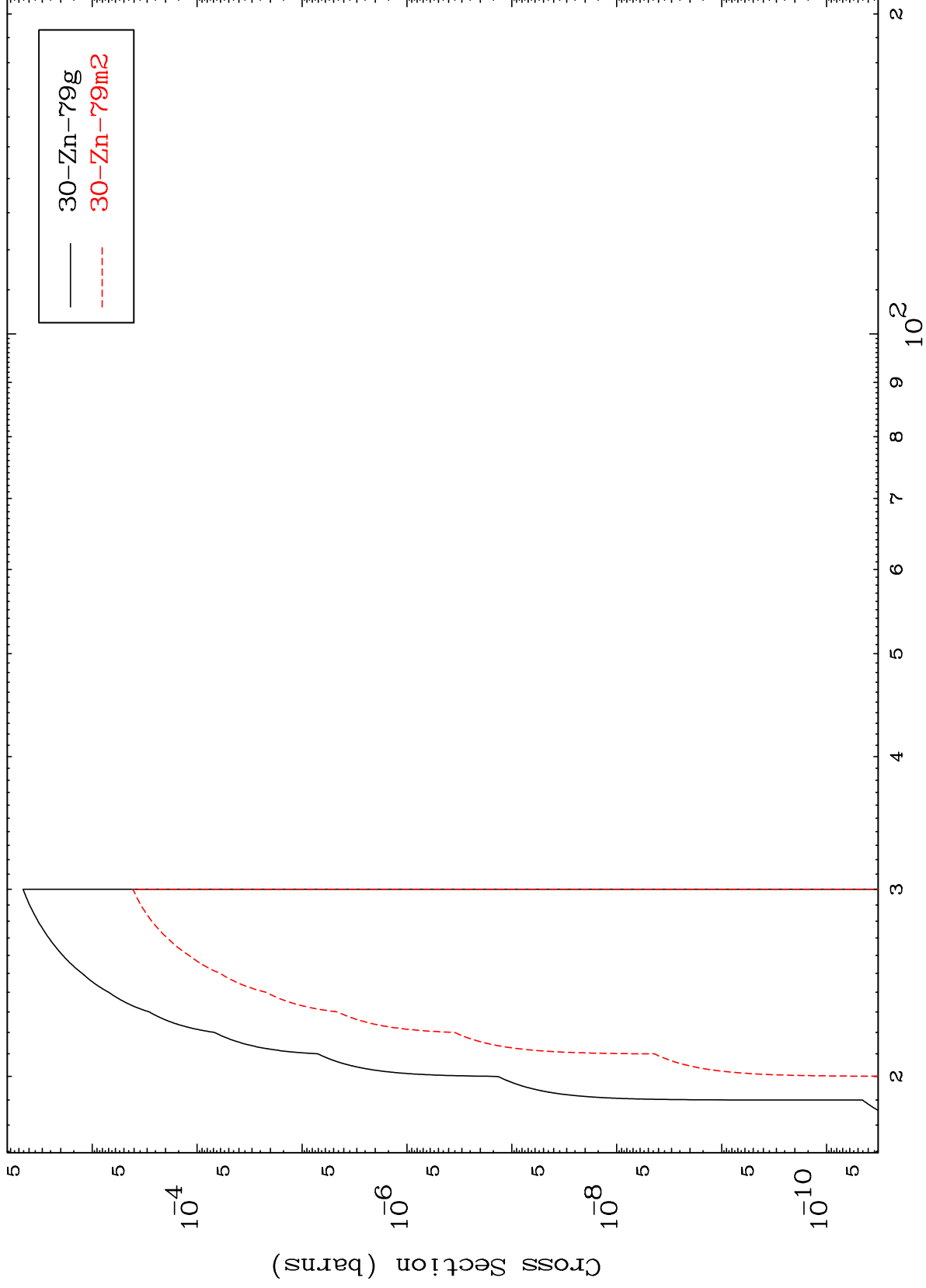


³¹Ga-81

Incident Energy (MeV)

132

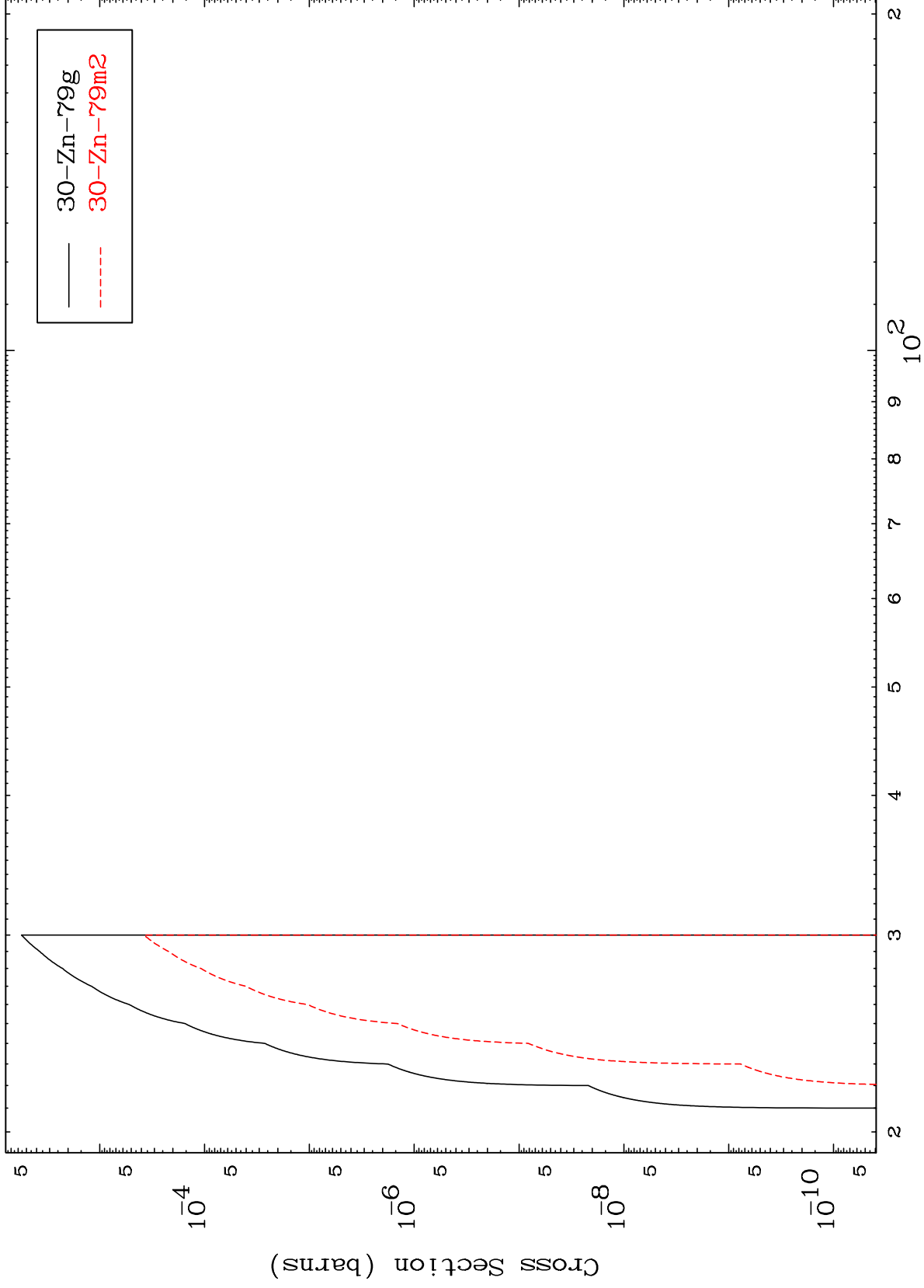
Radionuclide Production Cross Section



MAT 3161

31-Ga-81

(n,2n) p
Radionuclide Production Cross Section



31-Ga-81

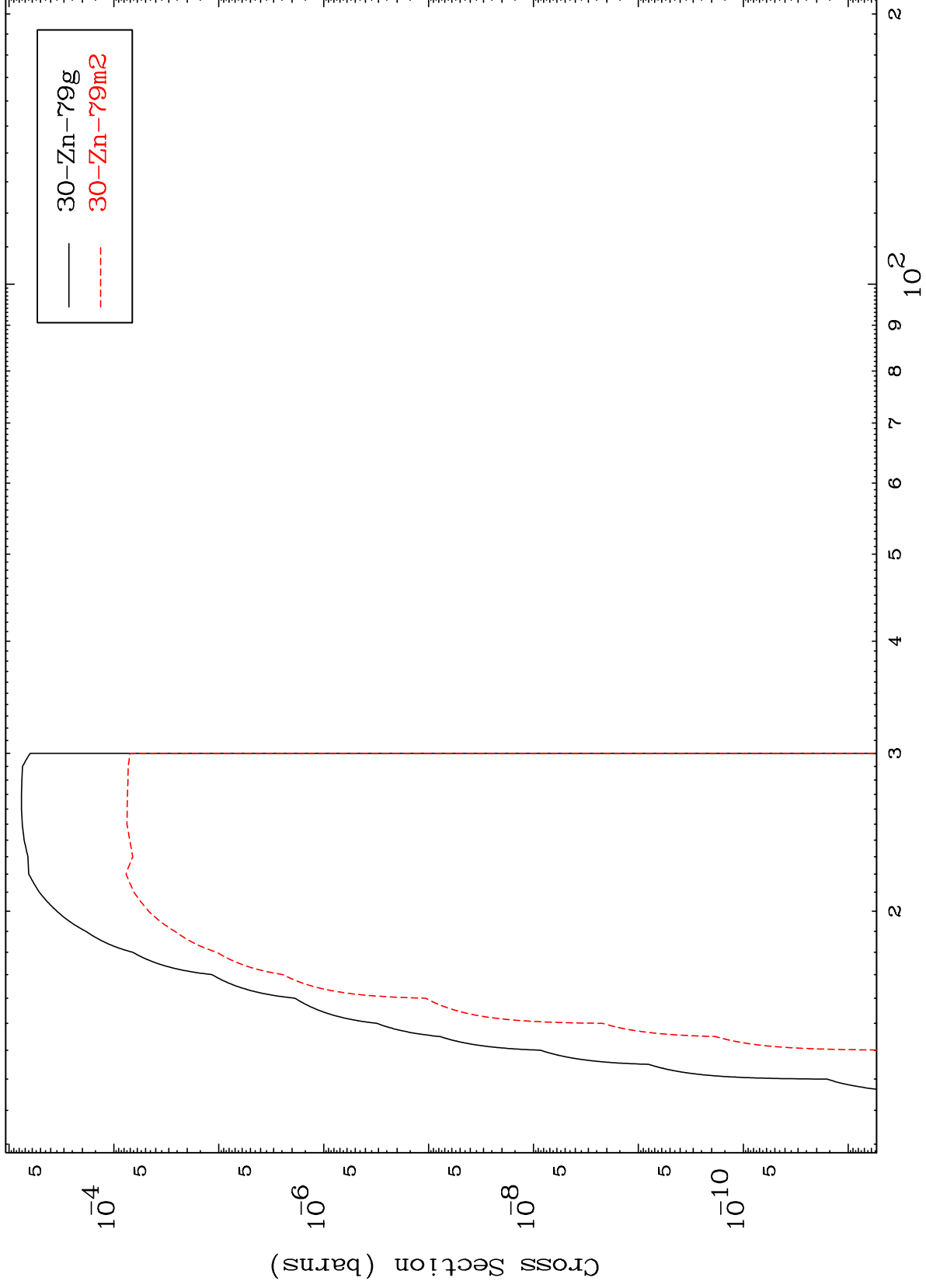
Incident Energy (MeV)

134

MAT 3161

31-Ga-81

(n,t)
Radionuclide Production Cross Section



135

Incident Energy (MeV)

31-Ga-81