

Program EVALPLOT
(Version 2021-1)

by

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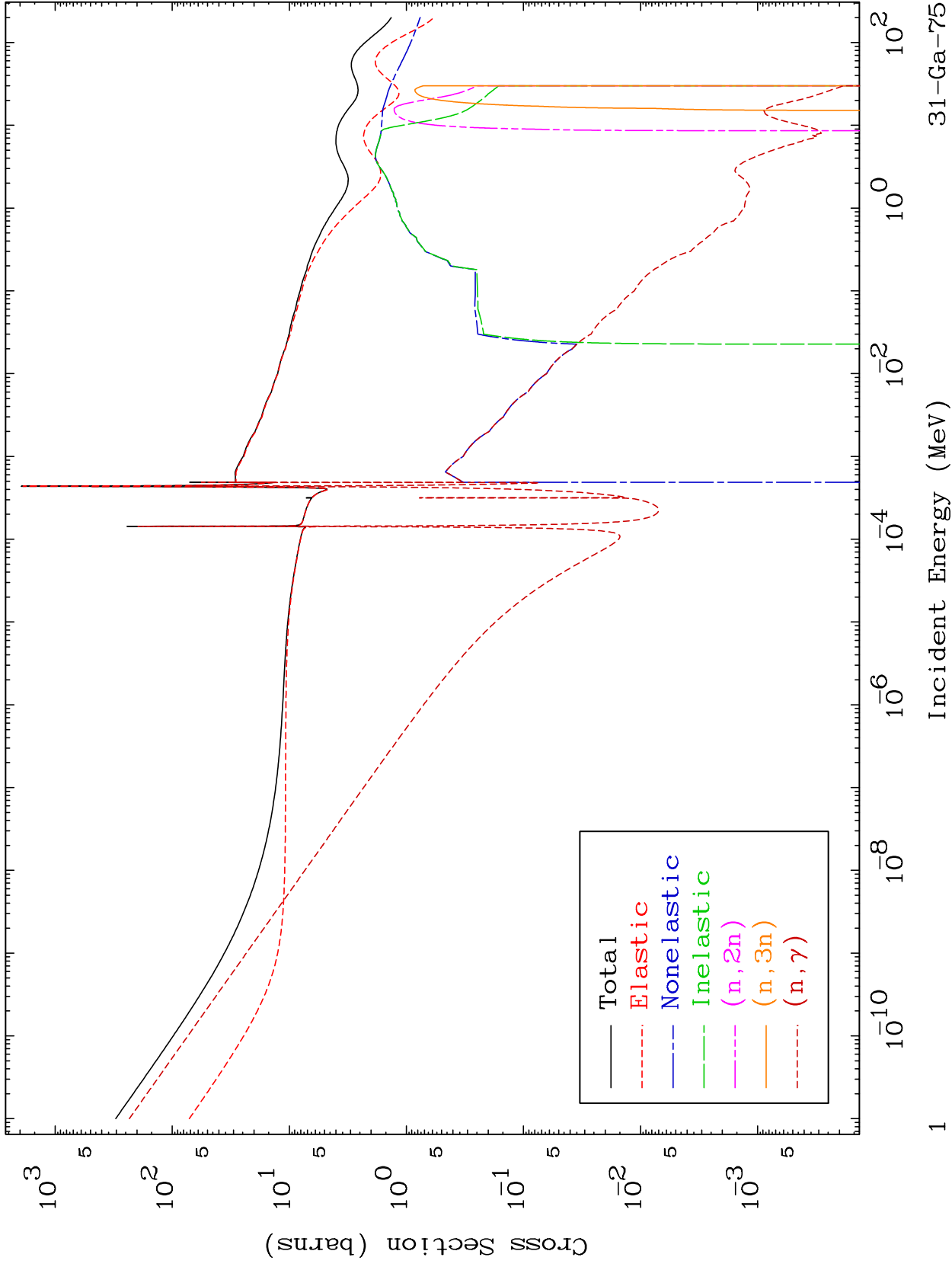
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3143

Neutron Major
293 Kelvin Cross Sections

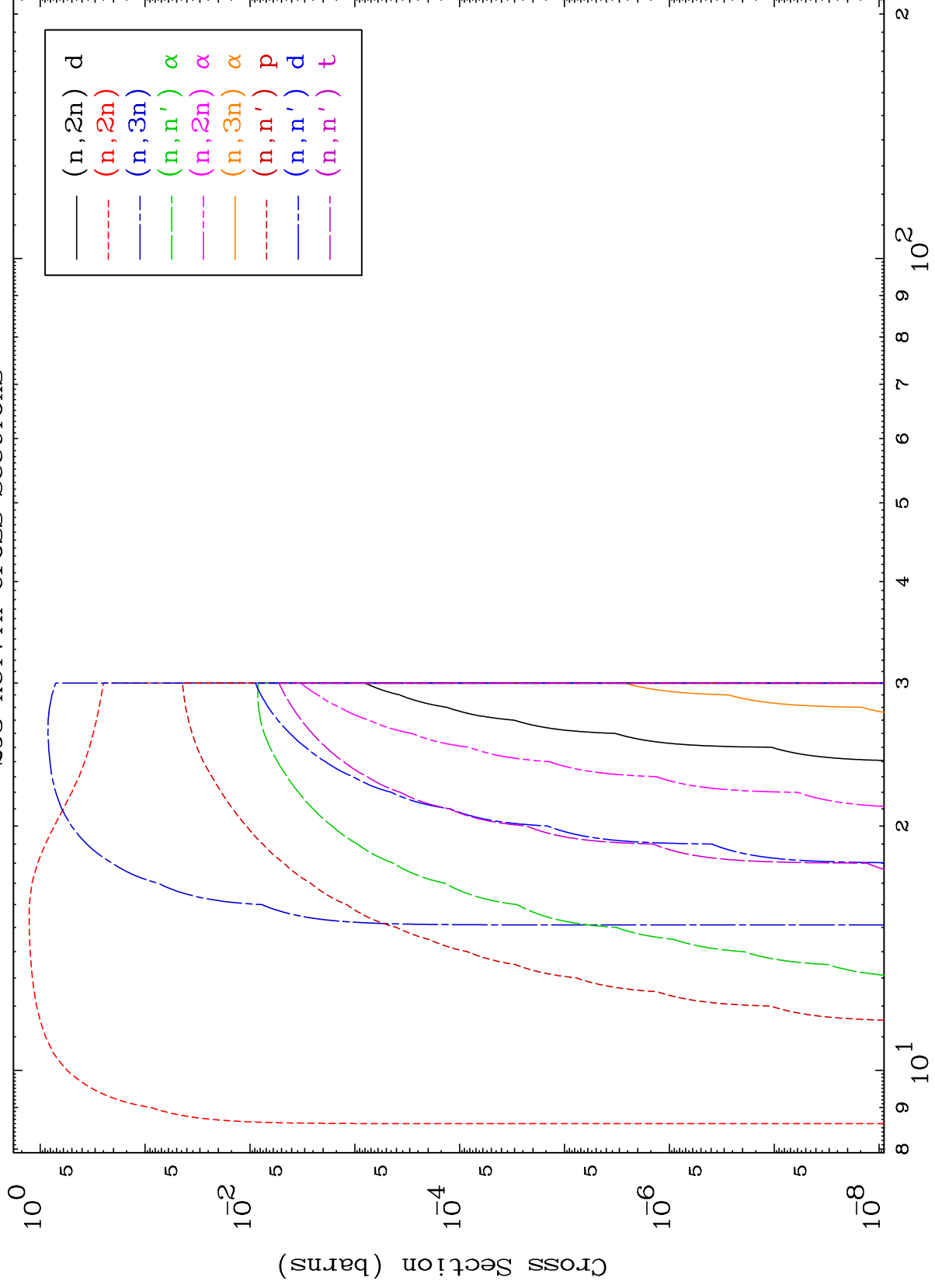
31-Ga-75



MAT 3143

Neutron Absorption
293 Kelvin Cross Sections

31-Ga-75



Incident Energy (MeV)

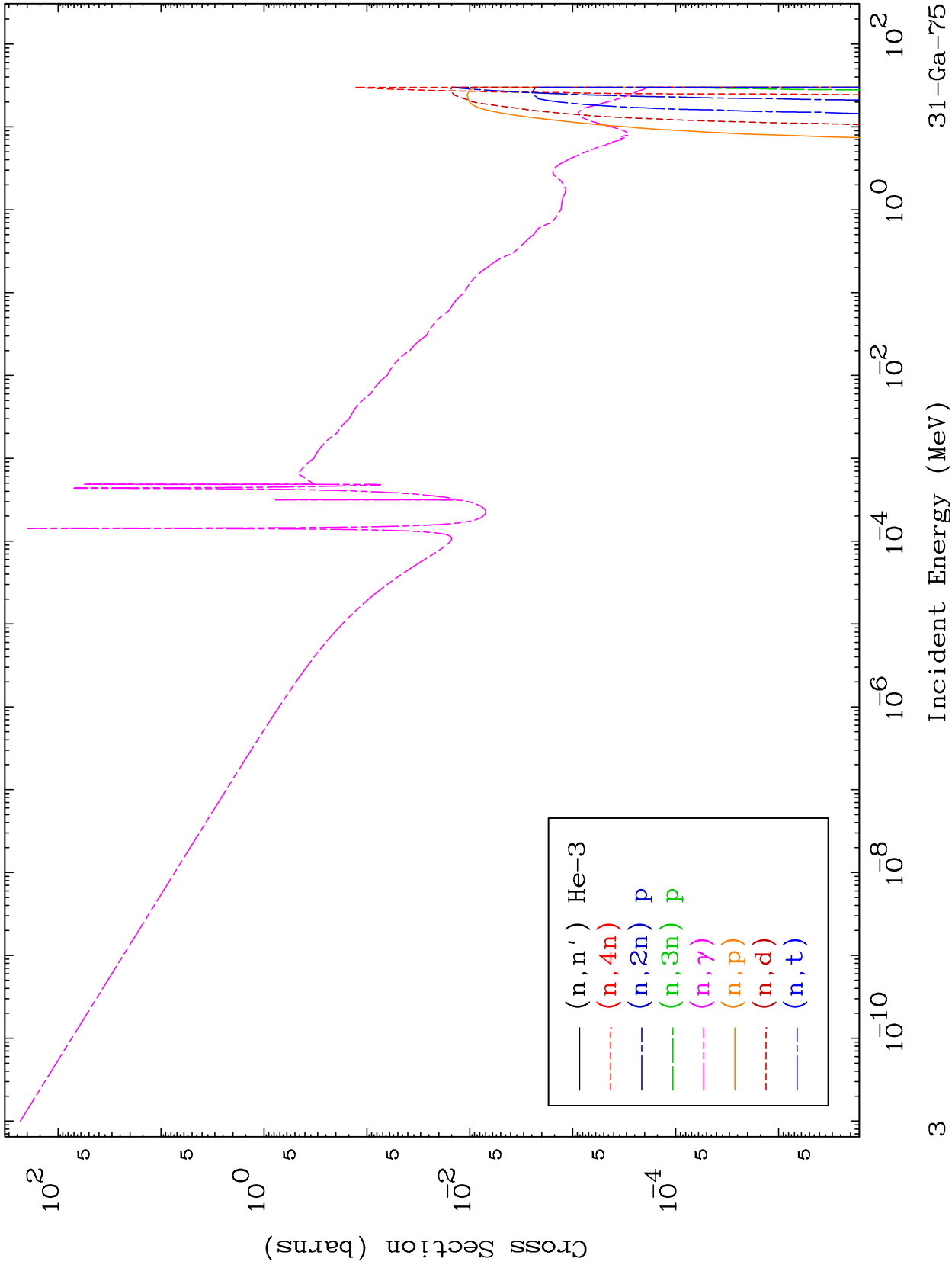
31-Ga-75

2

MAT 3143

Neutron Absorption
293 Kelvin Cross Sections

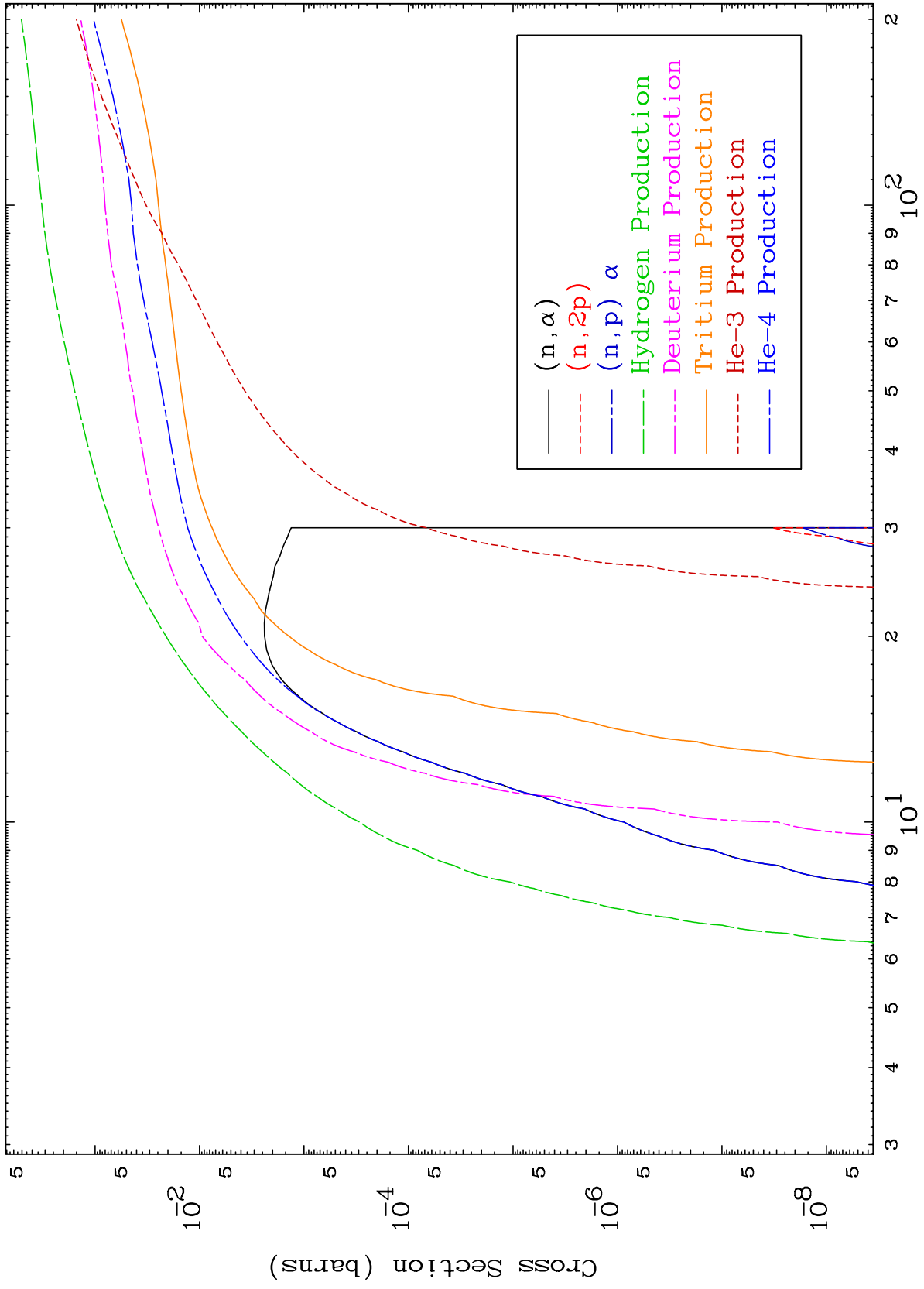
31-Ga-75



MAT 3143

Neutron Absorption
293 Kelvin Cross Sections

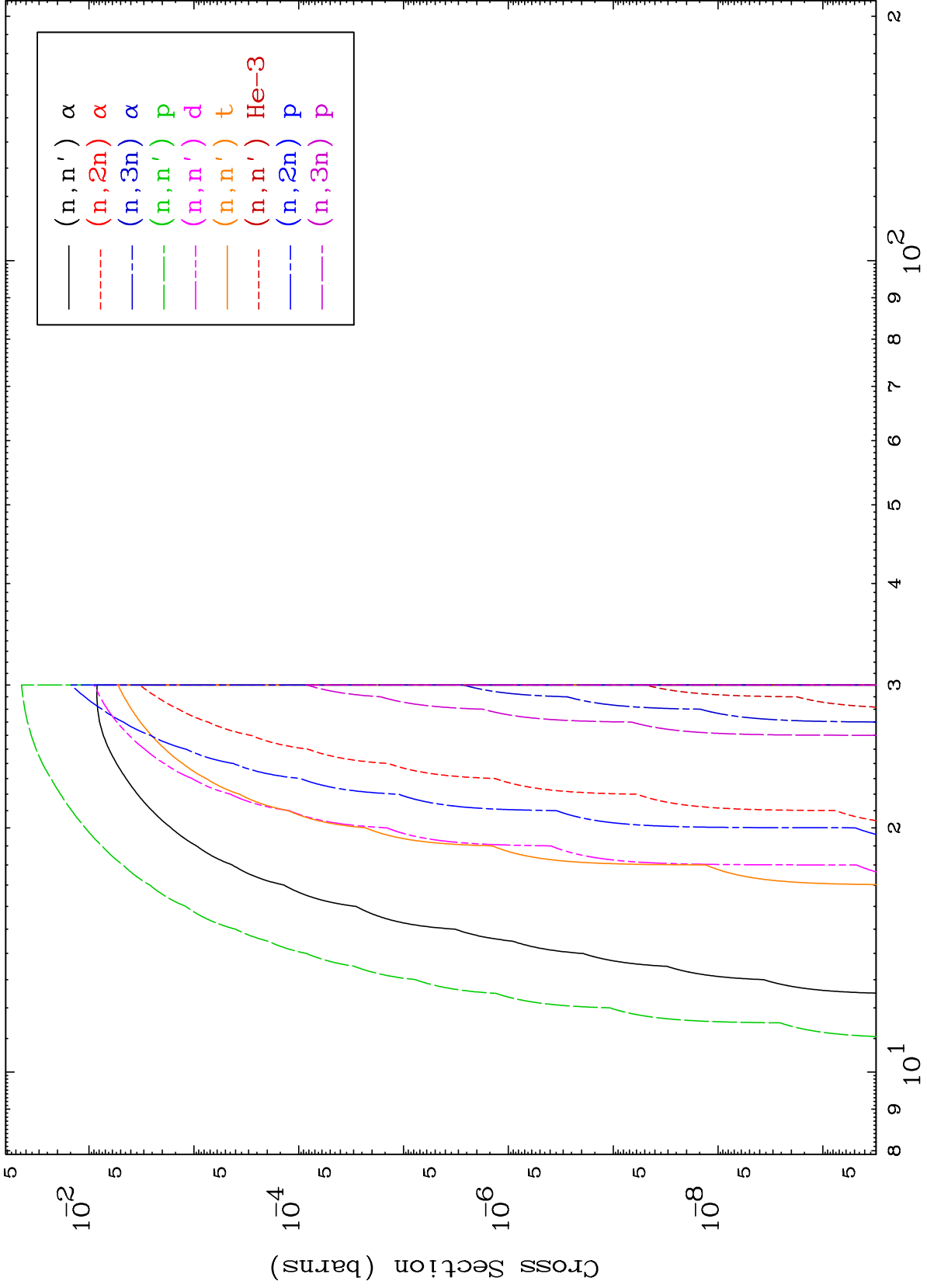
31-Ga-75



MAT 3143

Charged Particle
293 Kelvin Cross Sections

31-Ga-75



Incident Energy (MeV)

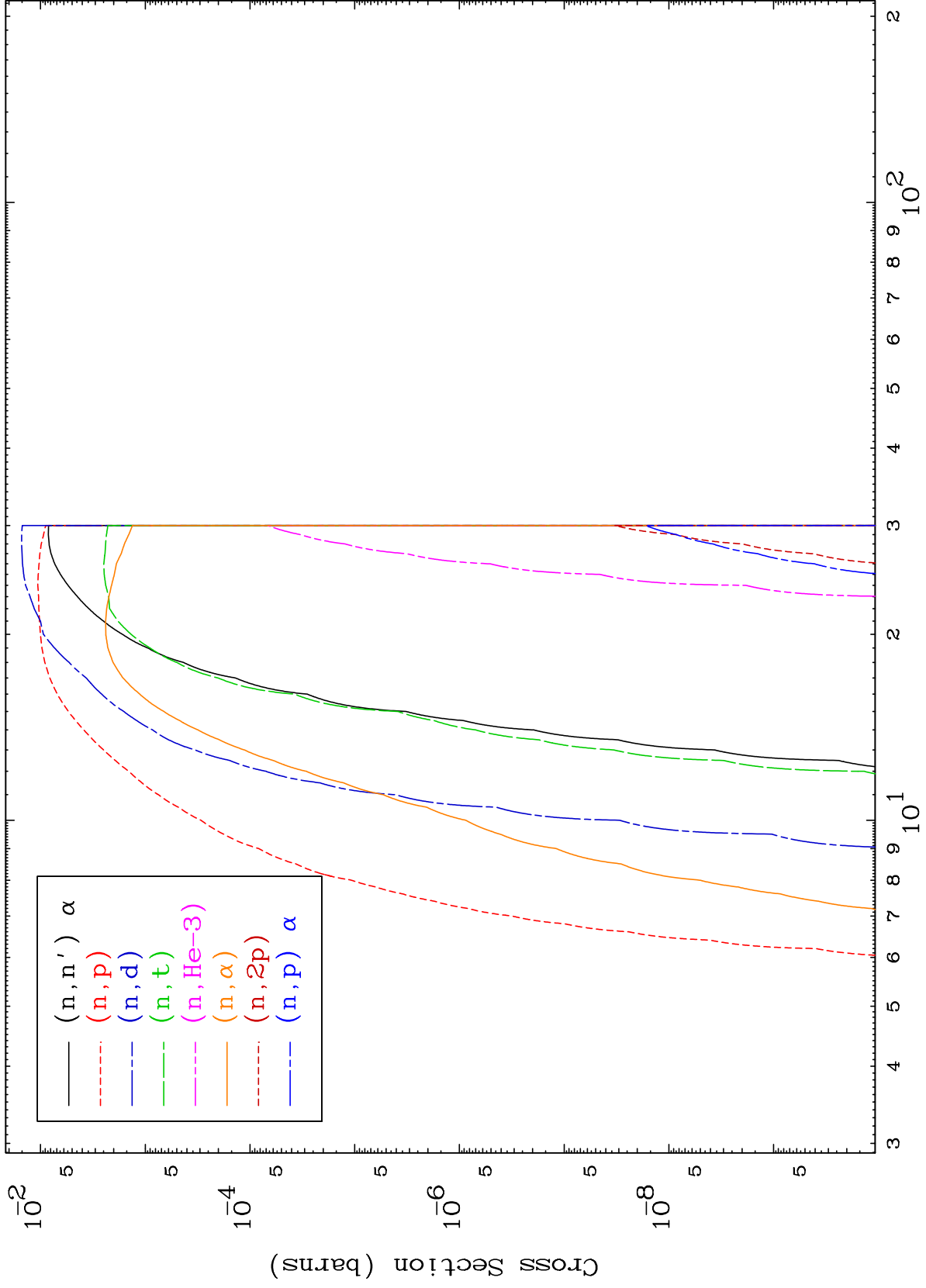
31-Ga-75

5

MAT 3143

Charged Particle
293 Kelvin Cross Sections

31-Ga-75



6

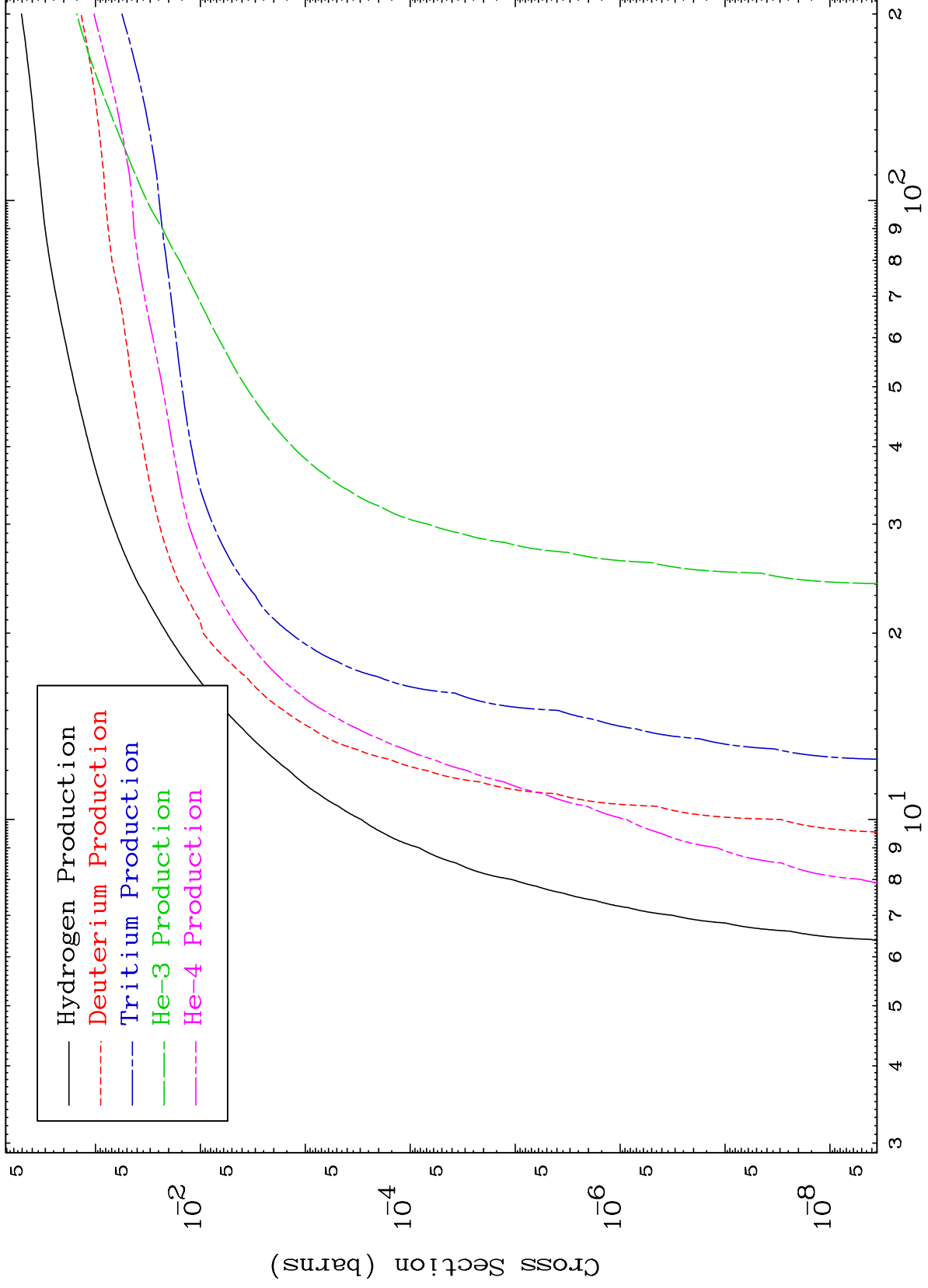
Incident Energy (MeV)

31-Ga-75

MAT 3143

Particle Production
293 Kelvin Cross Sections

31-Ga-75



7

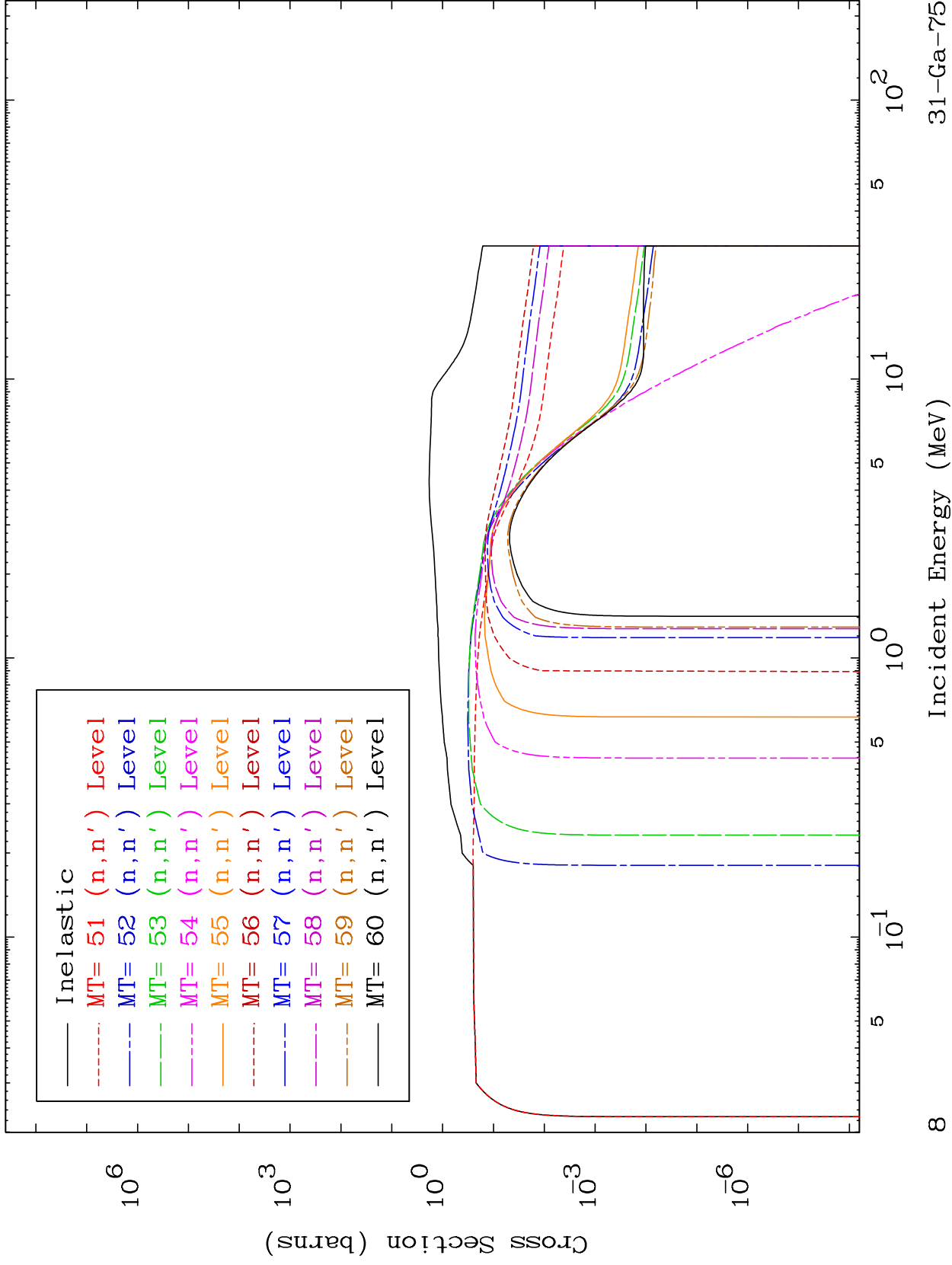
Incident Energy (MeV)

31-Ga-75

MAT 3143

(n,n') Levels
293 Kelvin Cross Sections

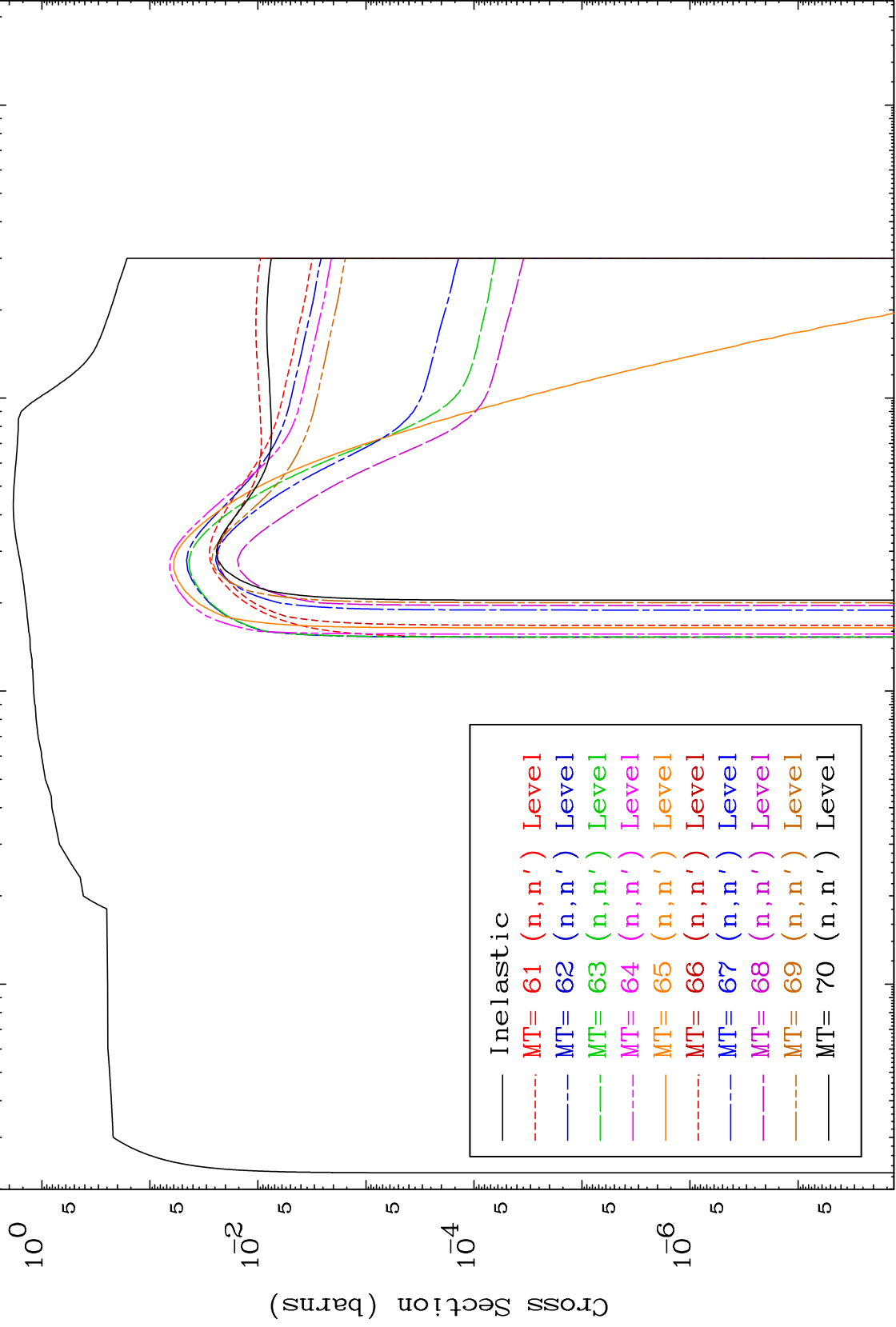
31-Ga-75



MAT 3143

293 Kelvin Cross Sections
(n,n') Levels

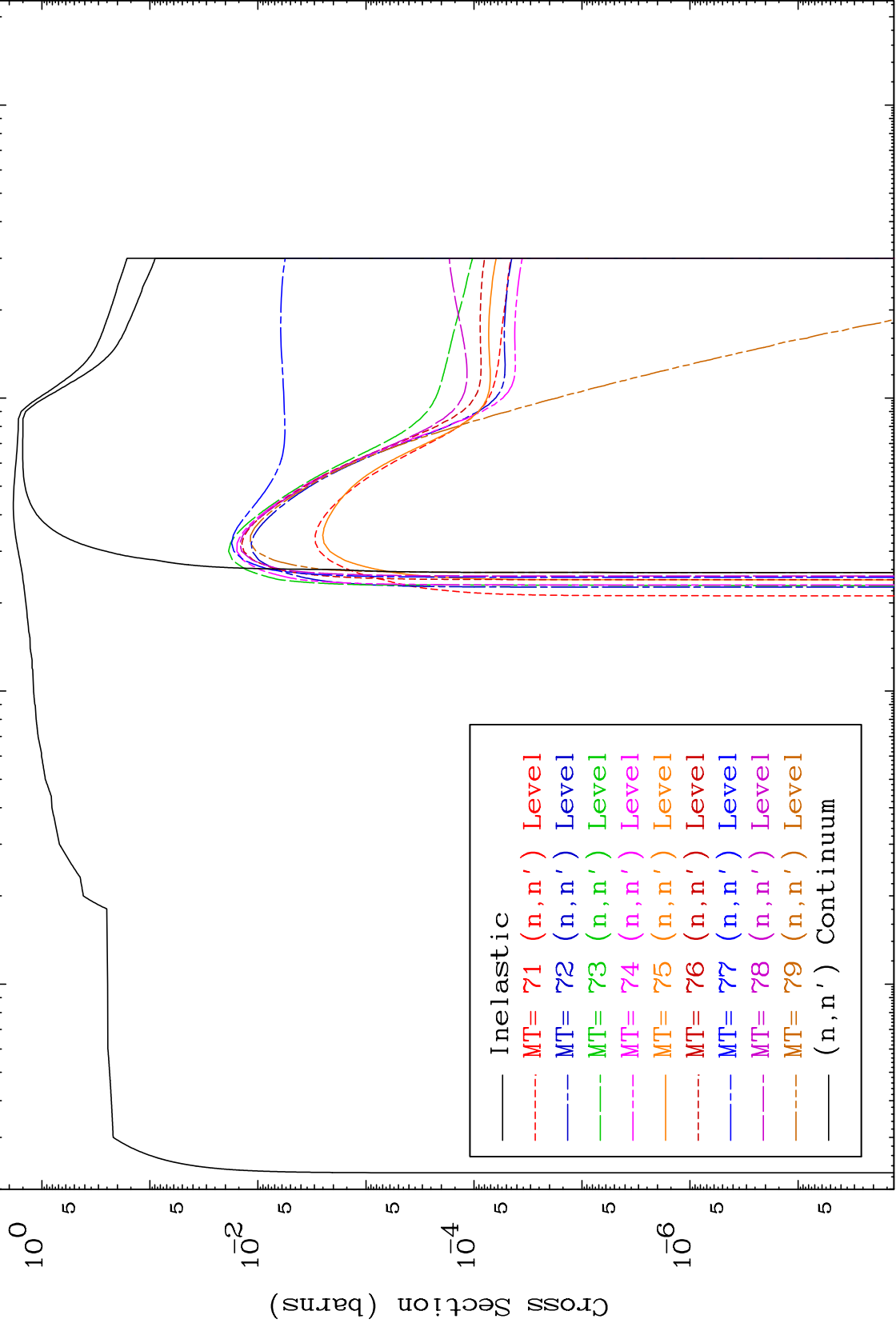
31-Ga-75



MAT 3143

293 Kelvin Cross Sections

31-Ga-75



10

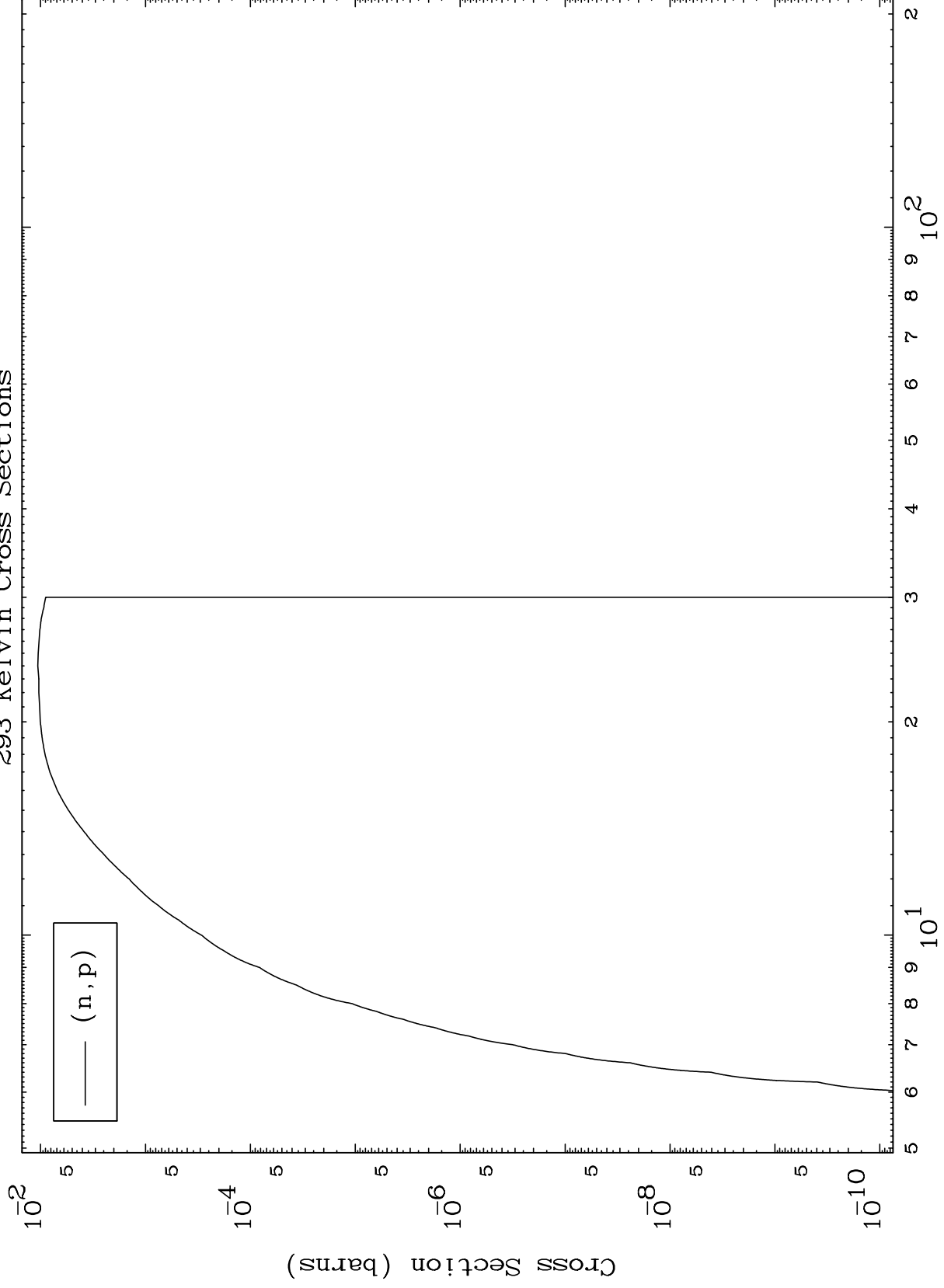
Incident Energy (MeV)

31-Ga-75

MAT 3143

(n,p) Levels
293 Kelvin Cross Sections

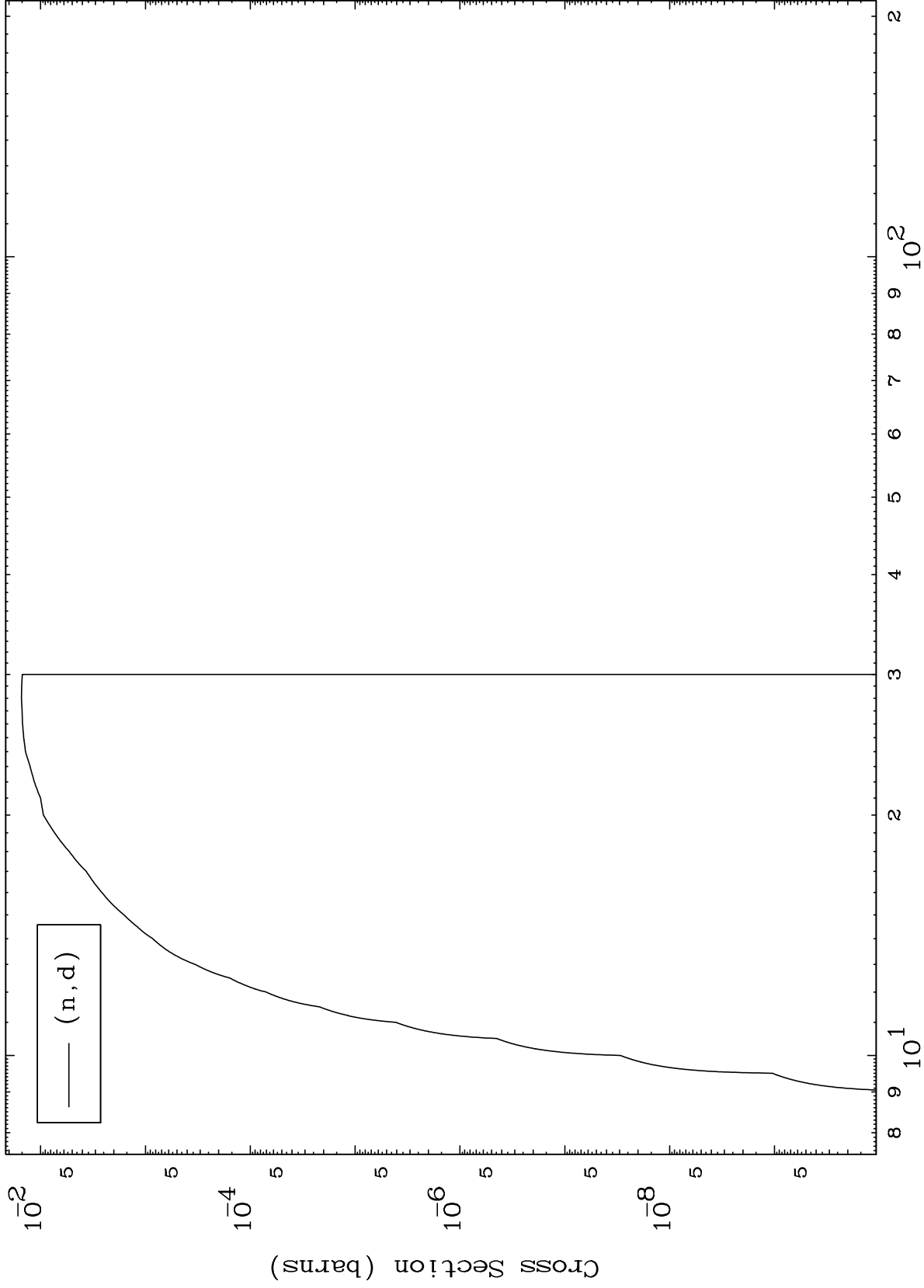
31-Ga-75



MAT 3143

(n,d) Levels
293 Kelvin Cross Sections

31-Ga-75



12

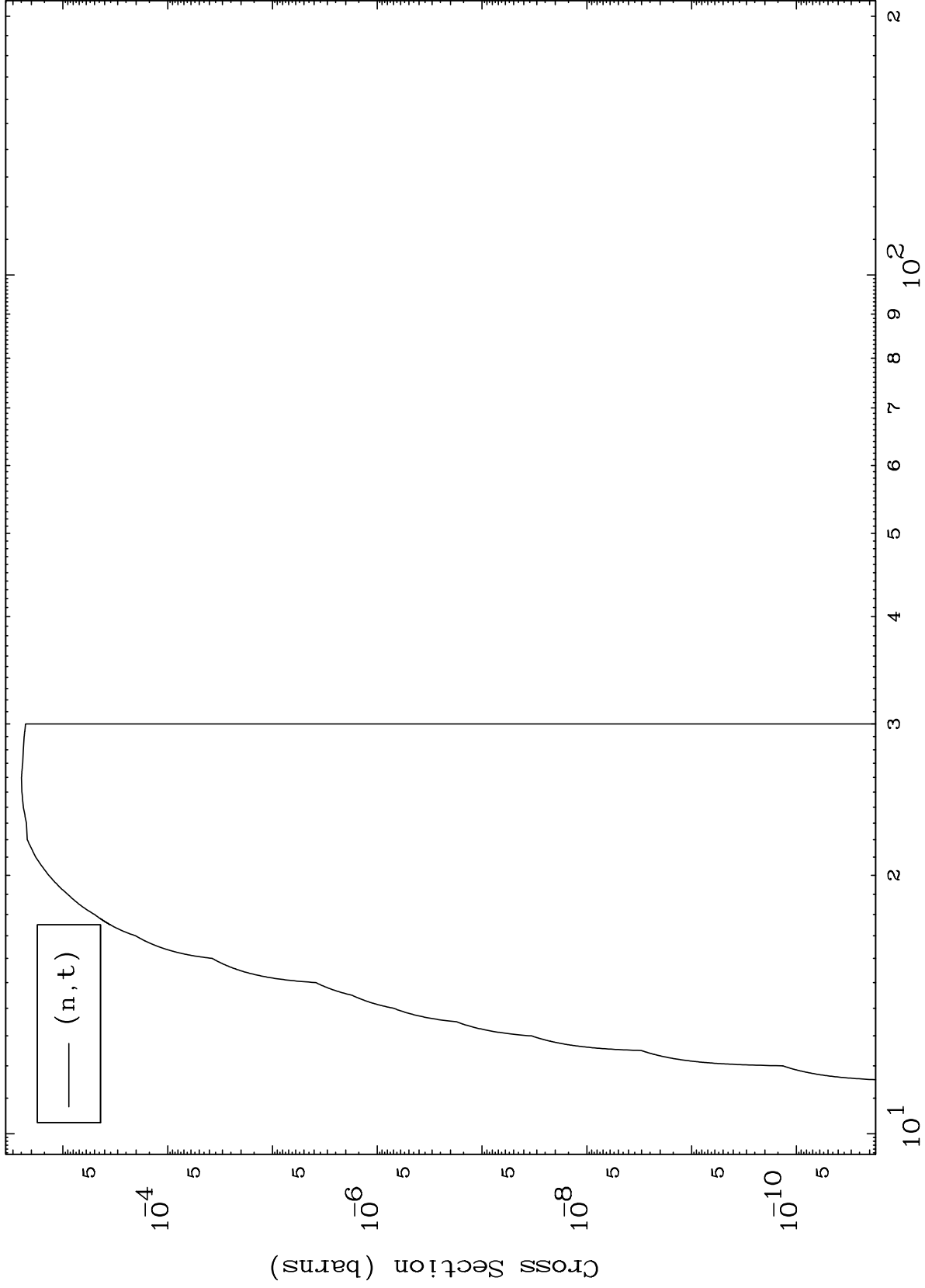
Incident Energy (MeV)

31-Ga-75

MAT 3143

(n,t) Levels
293 Kelvin Cross Sections

31-Ga-75



13

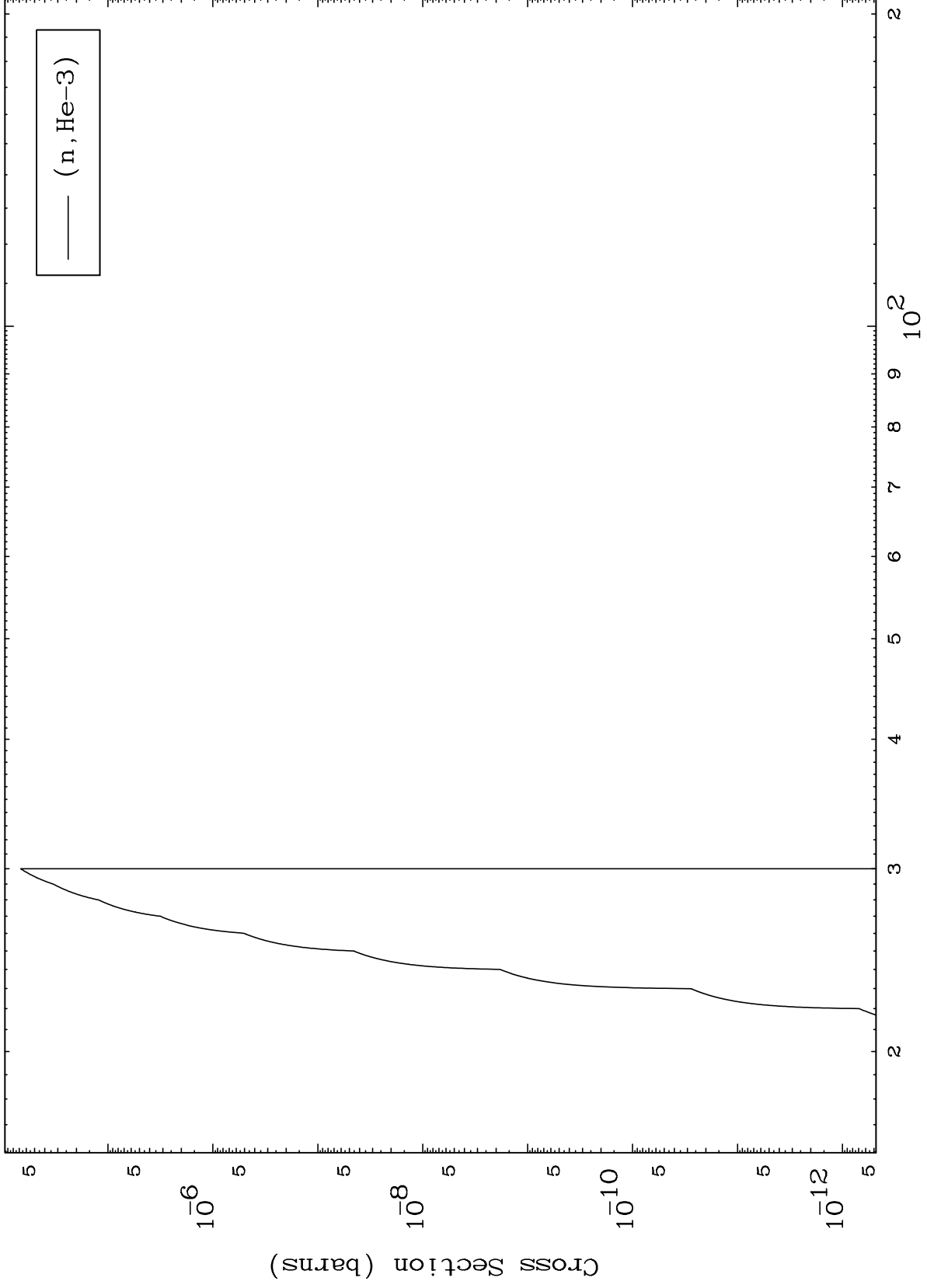
Incident Energy (MeV)

31-Ga-75

MAT 3143

(n,He3) Levels
293 Kelvin Cross Sections

31-Ga-75



14

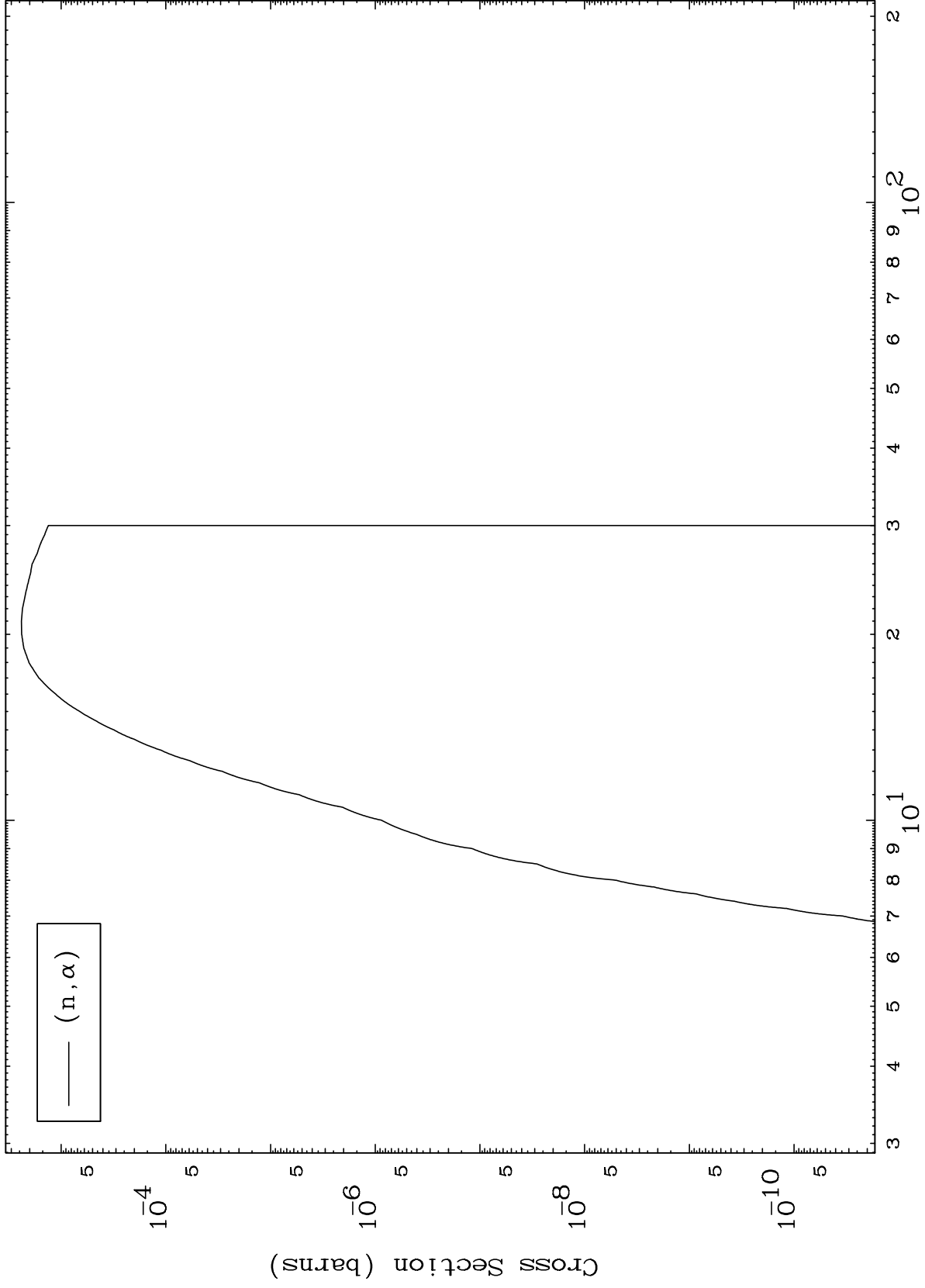
Incident Energy (MeV)

31-Ga-75

MAT 3143

(n, α) Levels
293 Kelvin Cross Sections

31-Ga-75



15

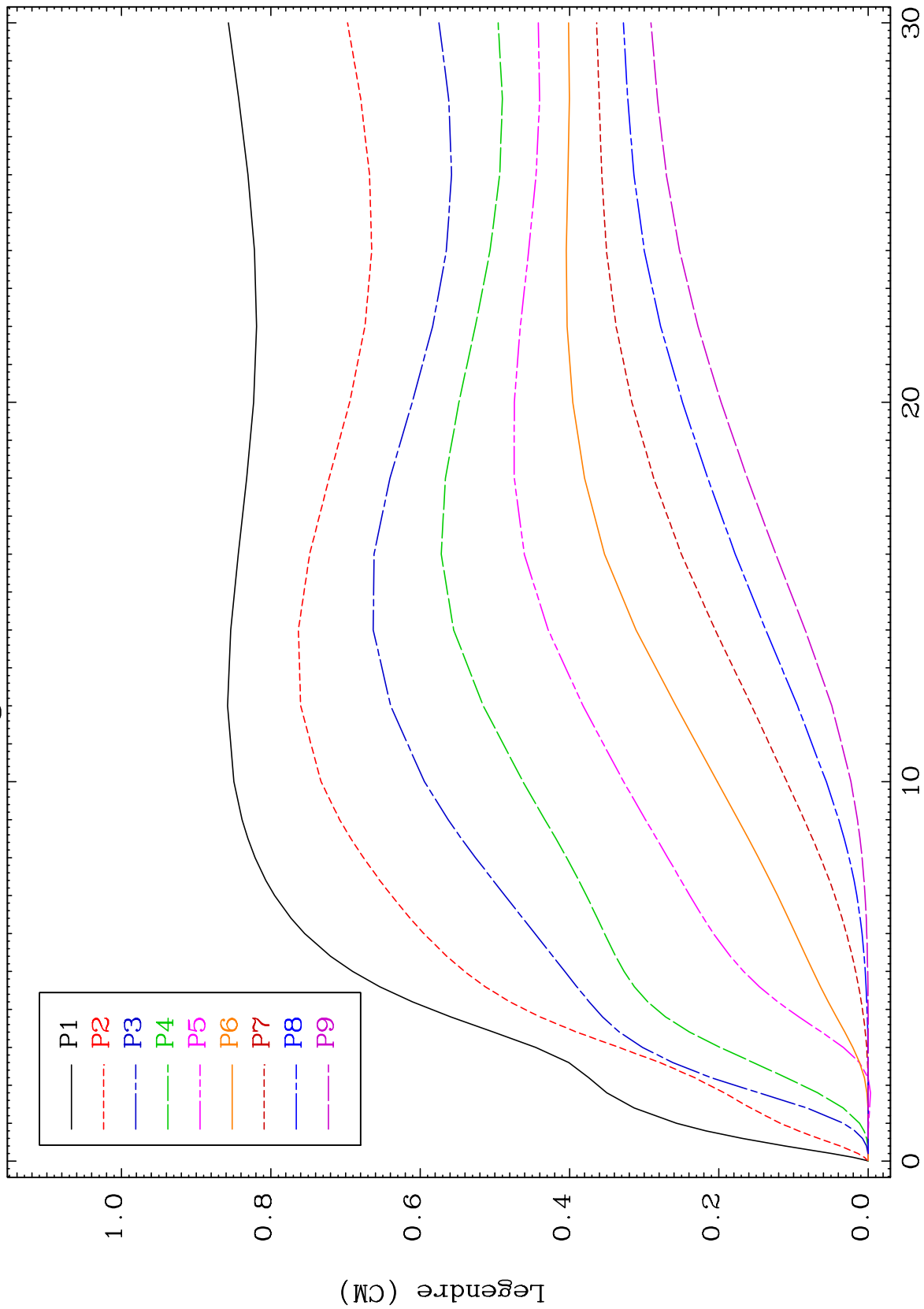
Incident Energy (MeV)

31-Ga-75

MAT 3143

Elastic Legendre Coefficients

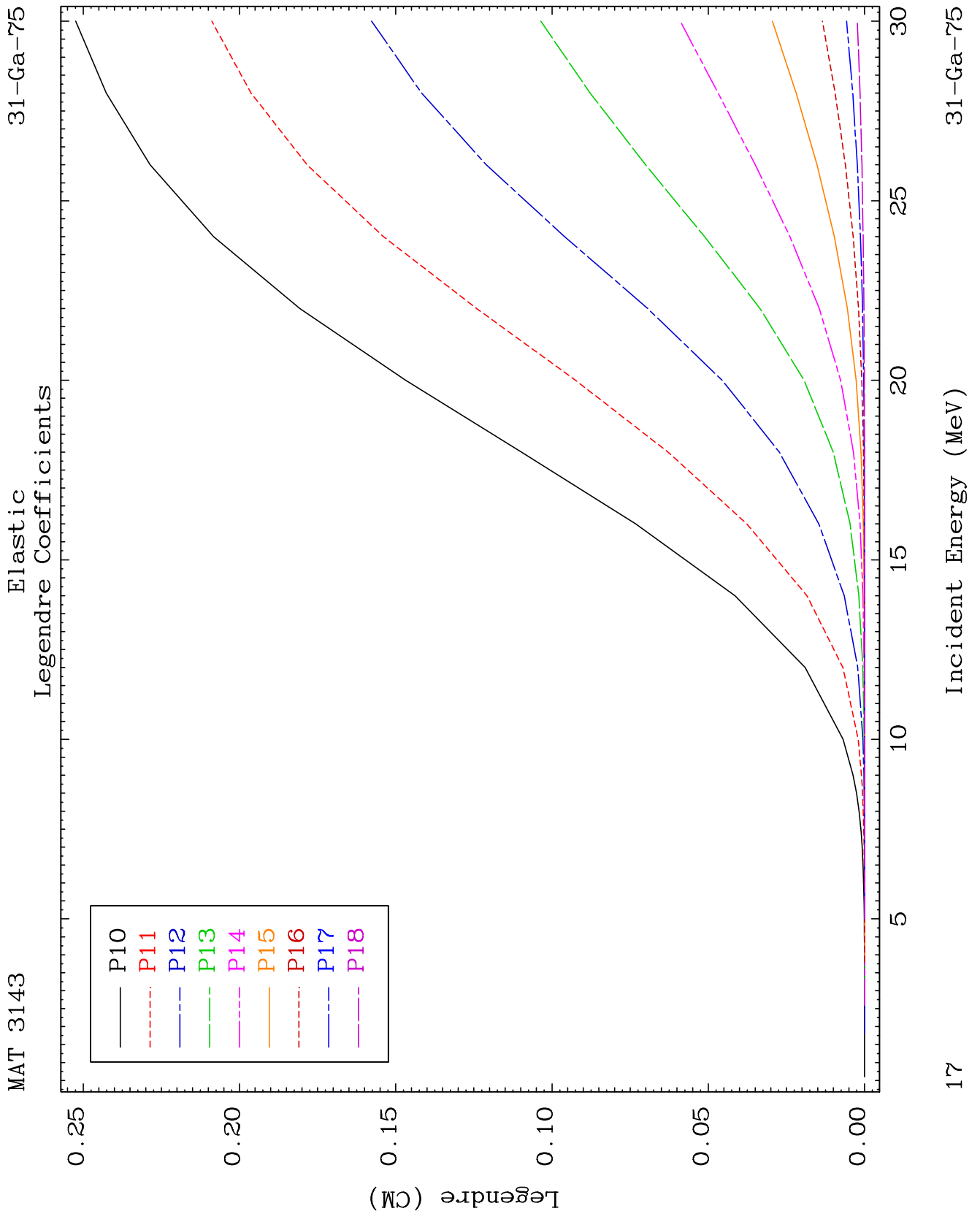
³¹Ga-75



16

Incident Energy (MeV)

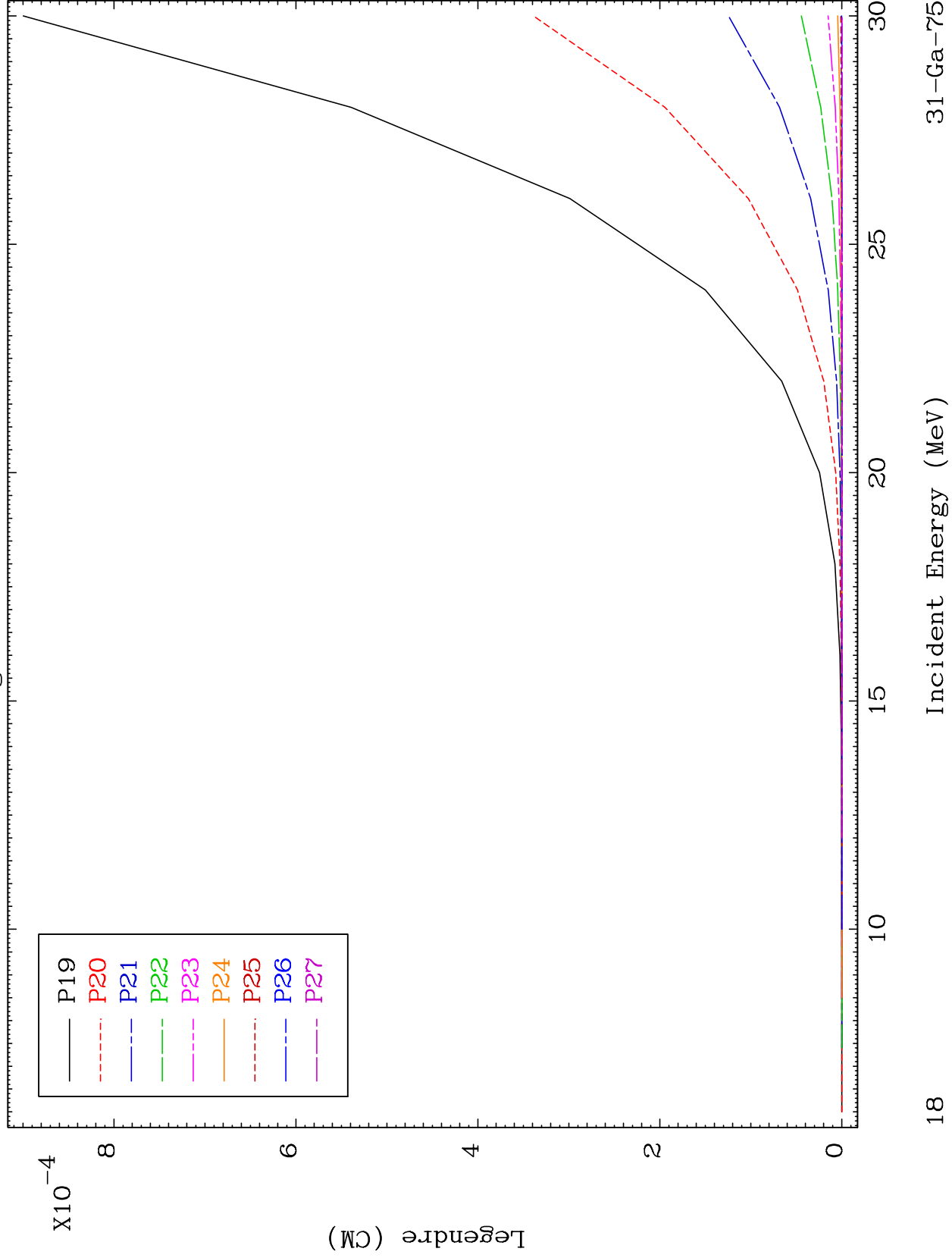
³¹Ga-75



MAT 3143

Elastic Legendre Coefficients

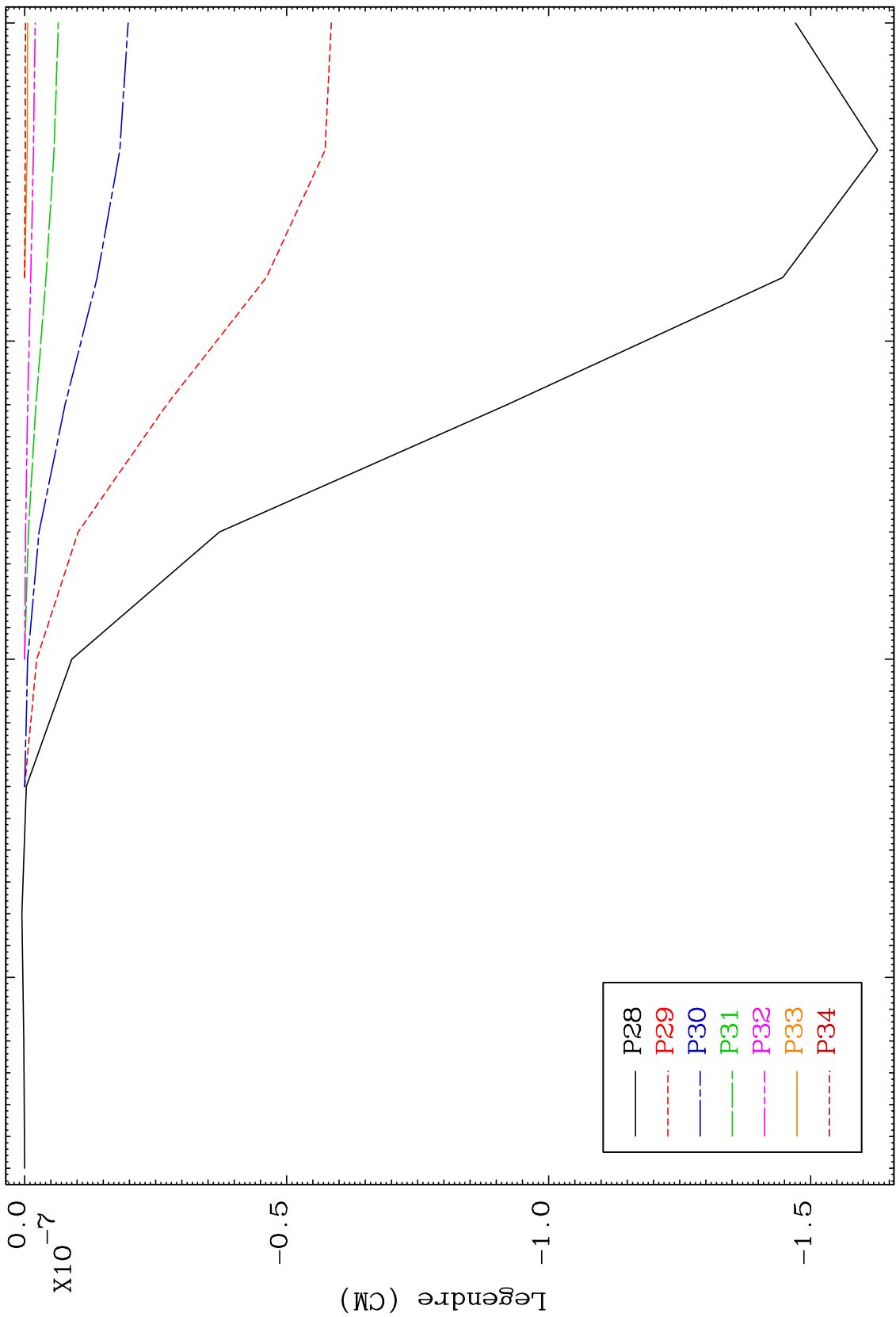
31-Ga-75



MAT 3143

31-Ga-75

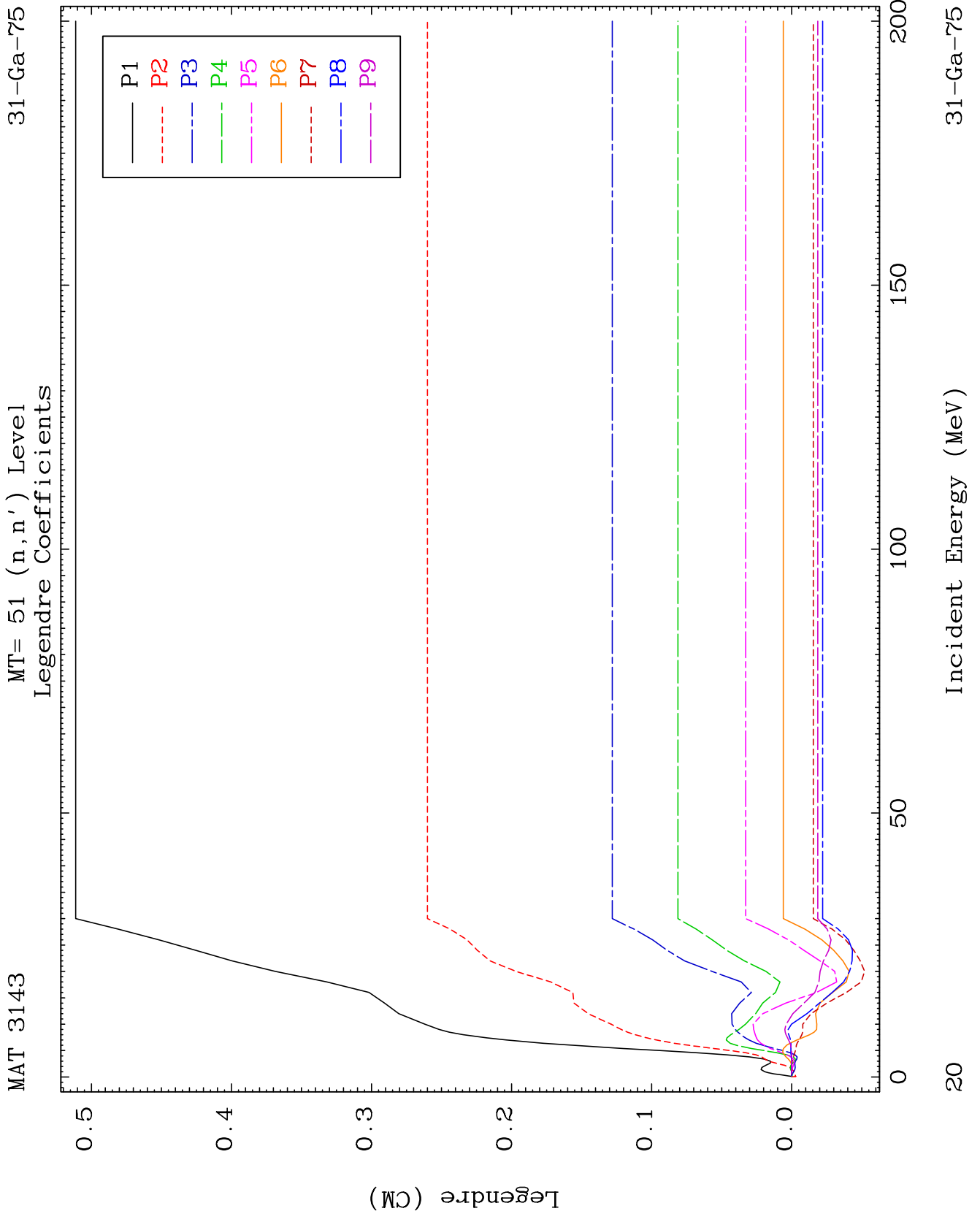
Elastic Legendre Coefficients



19

Incident Energy (MeV)

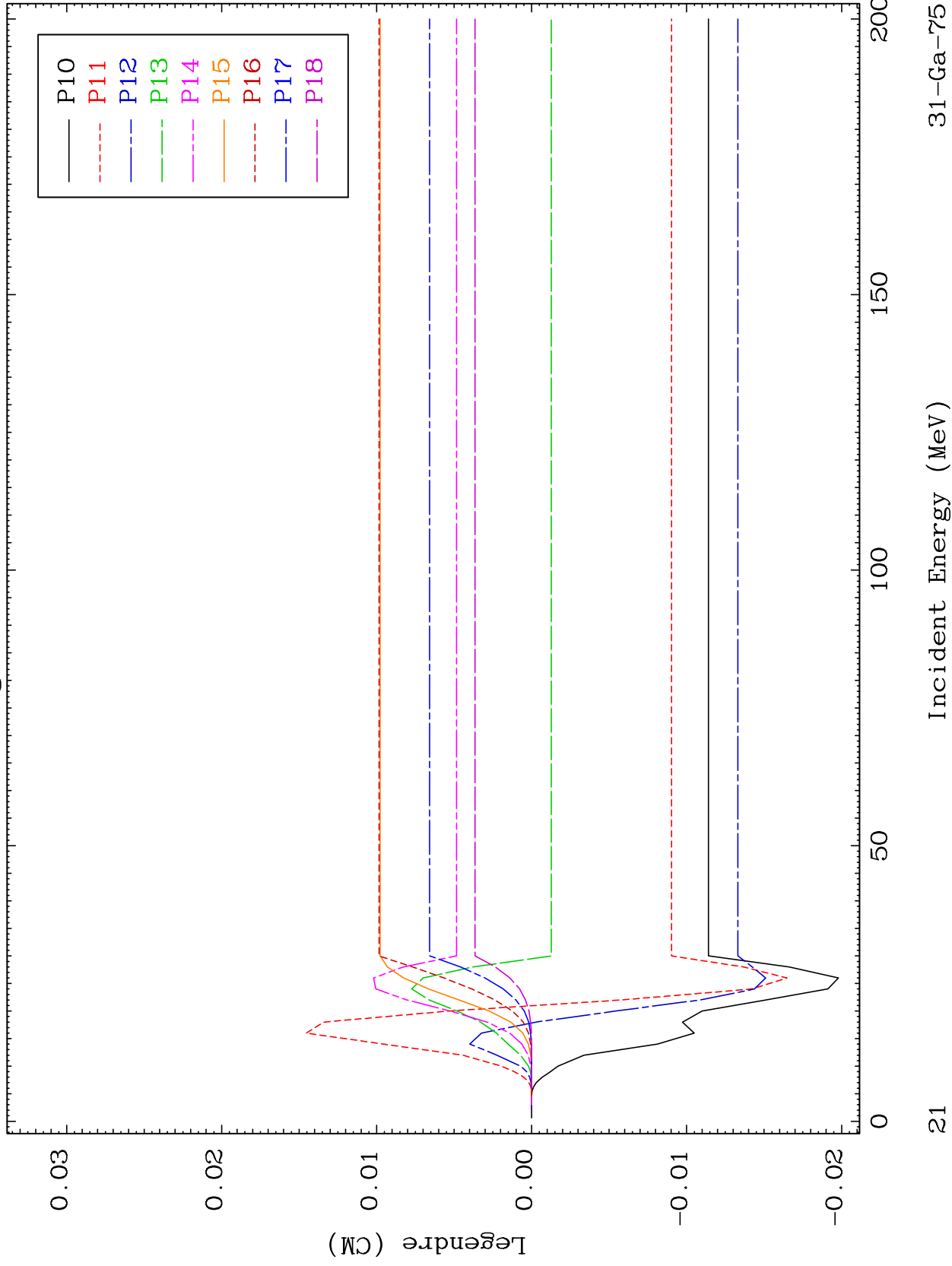
31-Ga-75



MAT 3143

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

31-Ga-75



21

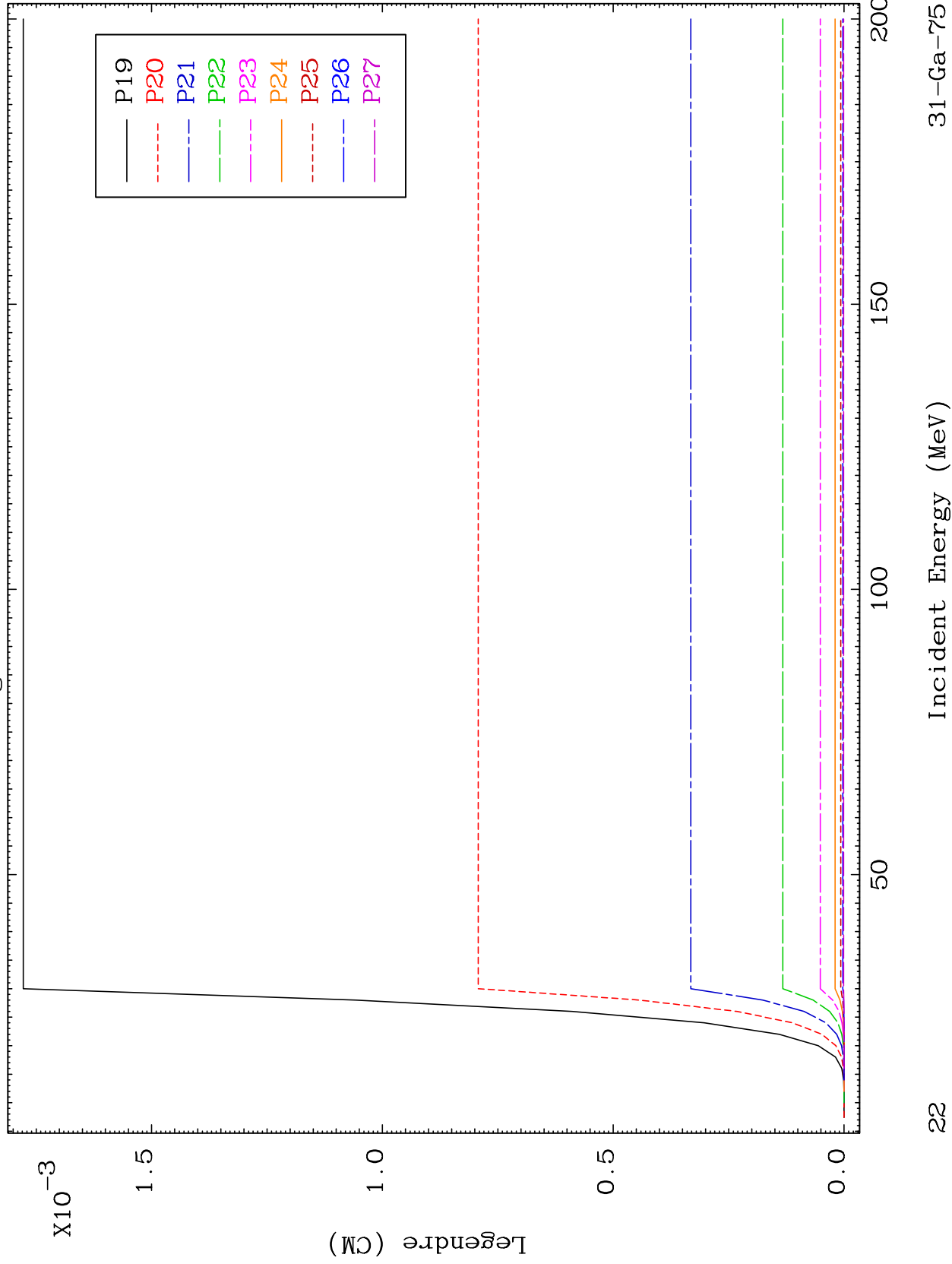
Incident Energy (MeV)

31-Ga-75

MAT 3143

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

³¹Ga-75



22

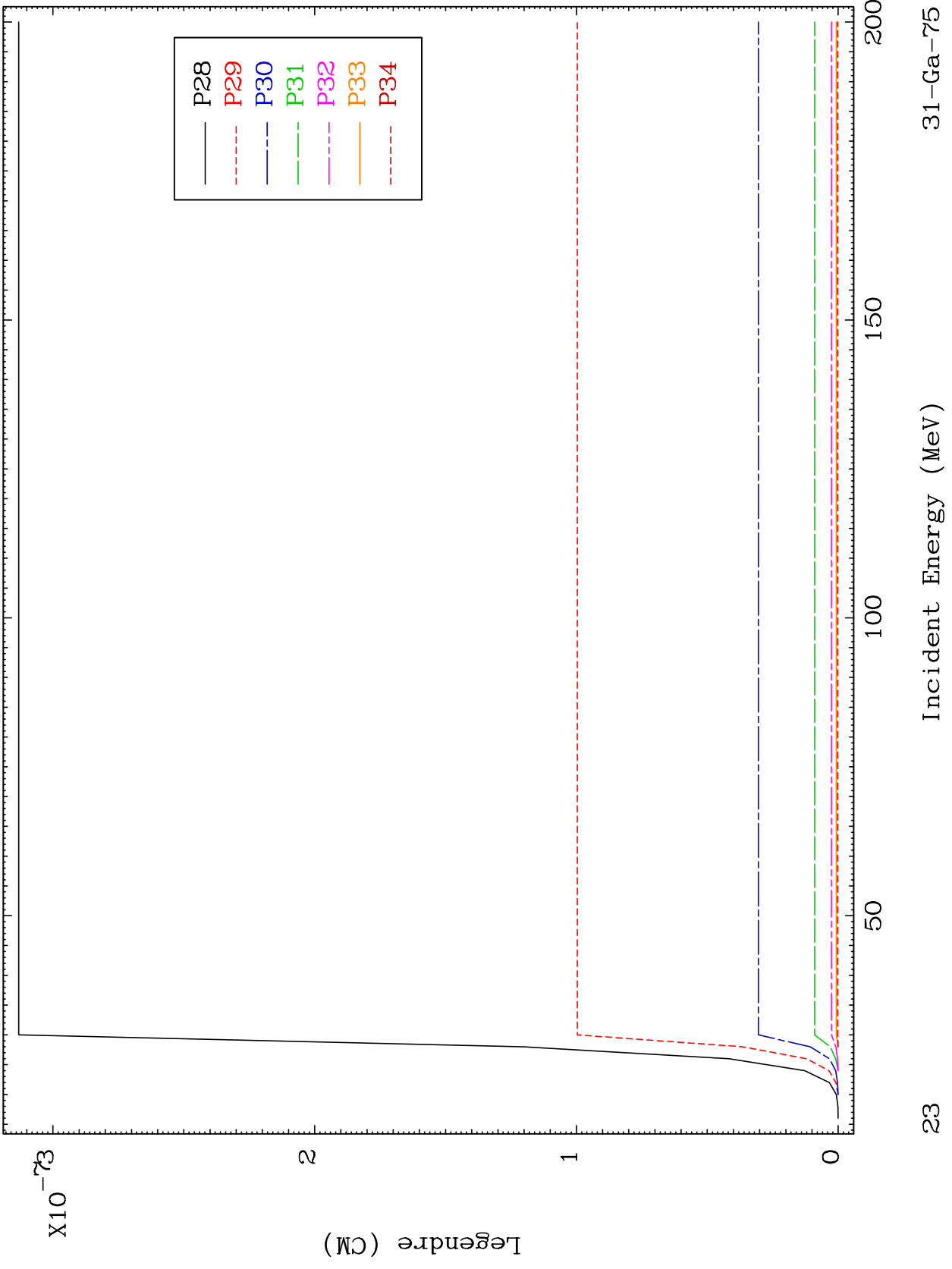
Incident Energy (MeV)

³¹Ga-75

MAT 3143

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

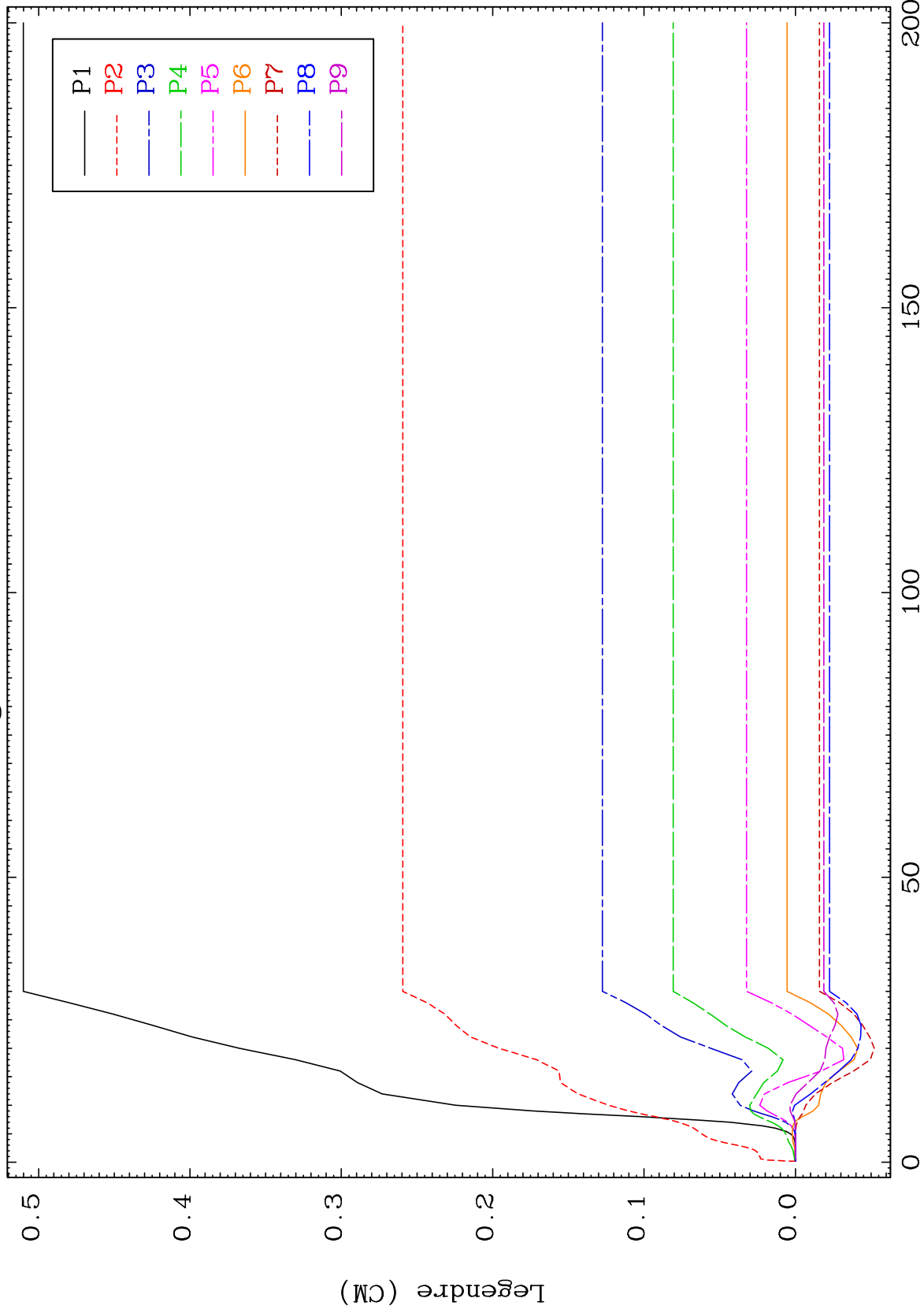
31-Ga-75



MAT 3143

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

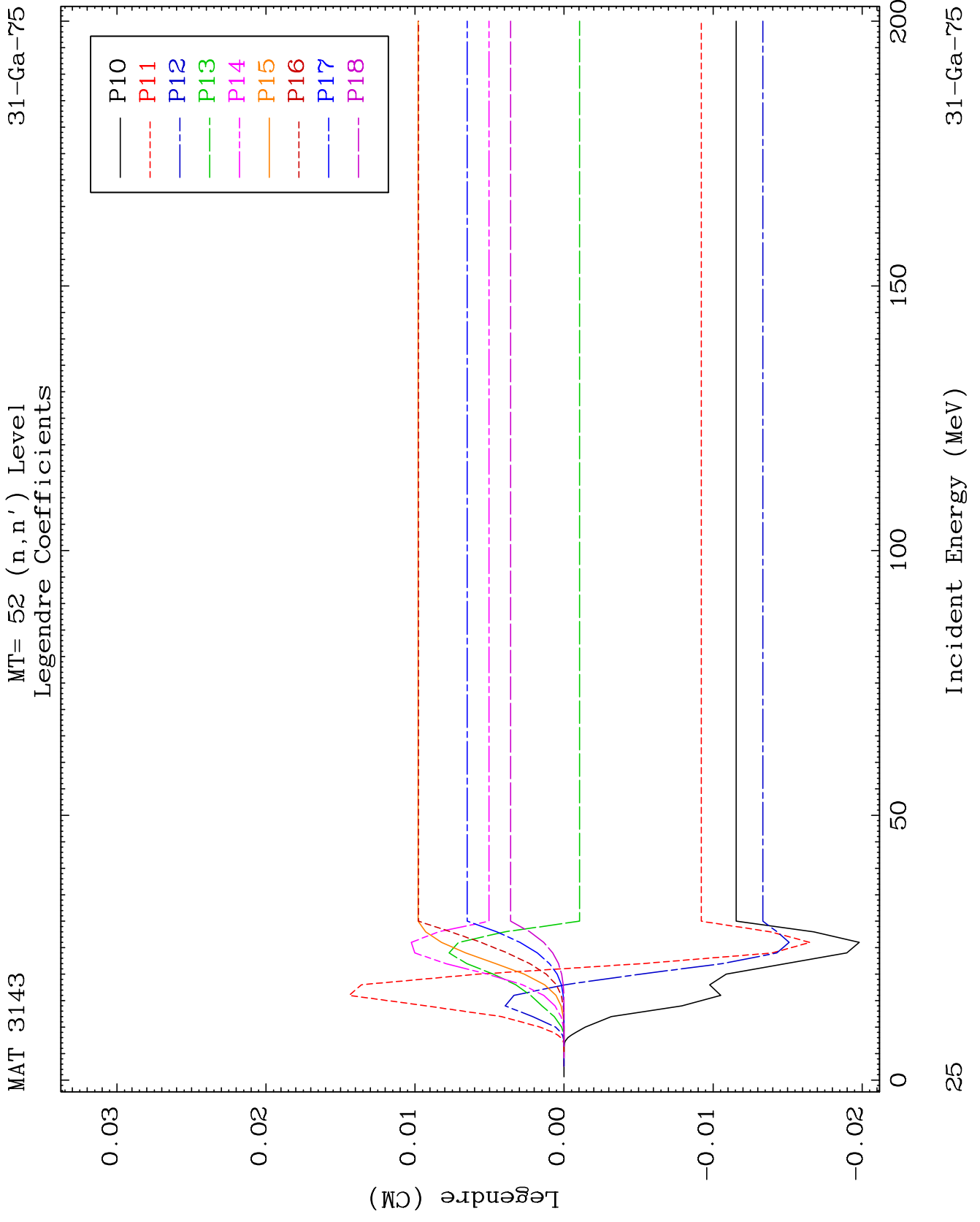
31-Ga-75



24

Incident Energy (MeV)

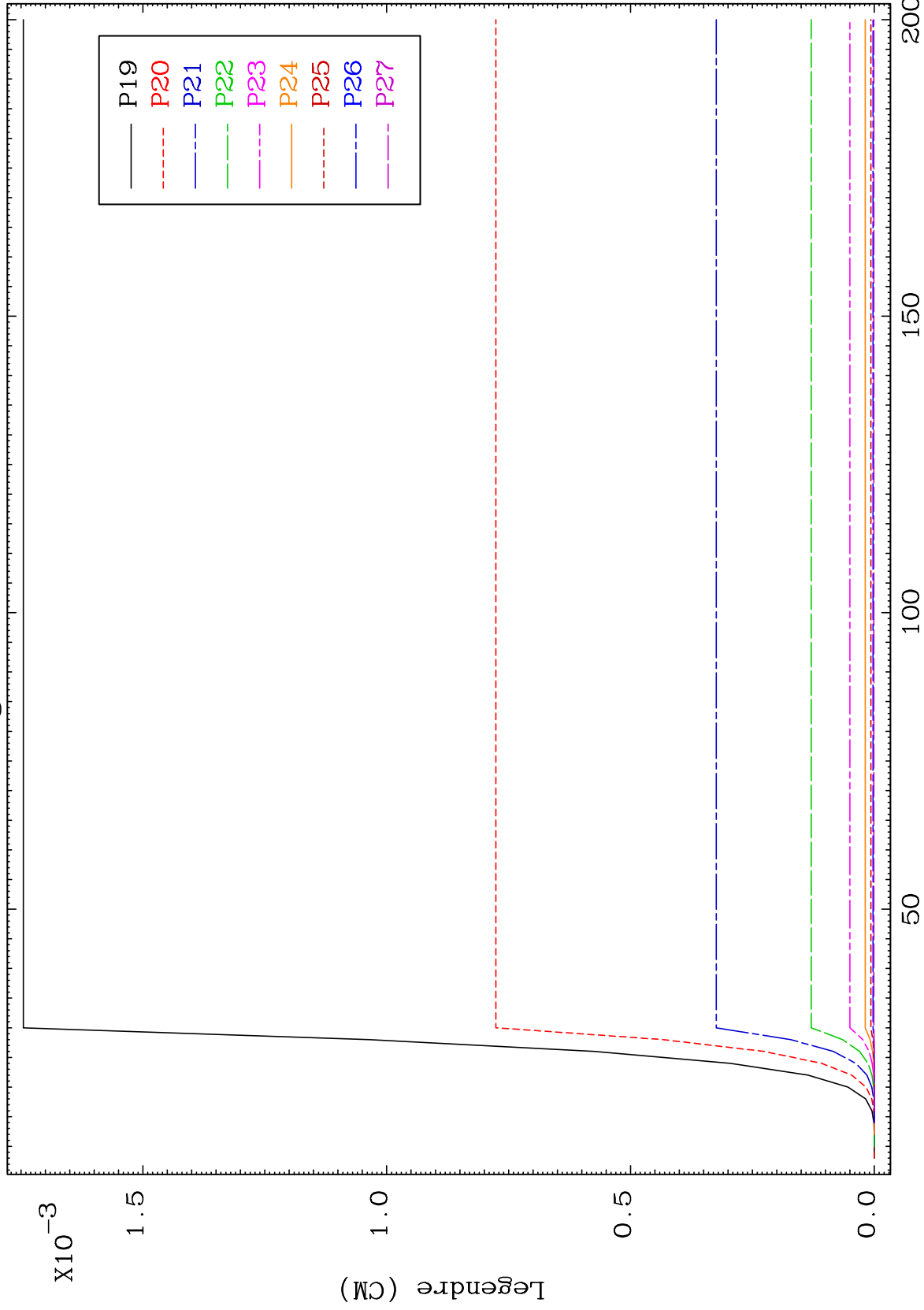
31-Ga-75



MAT 3143

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

31-Ga-75



26

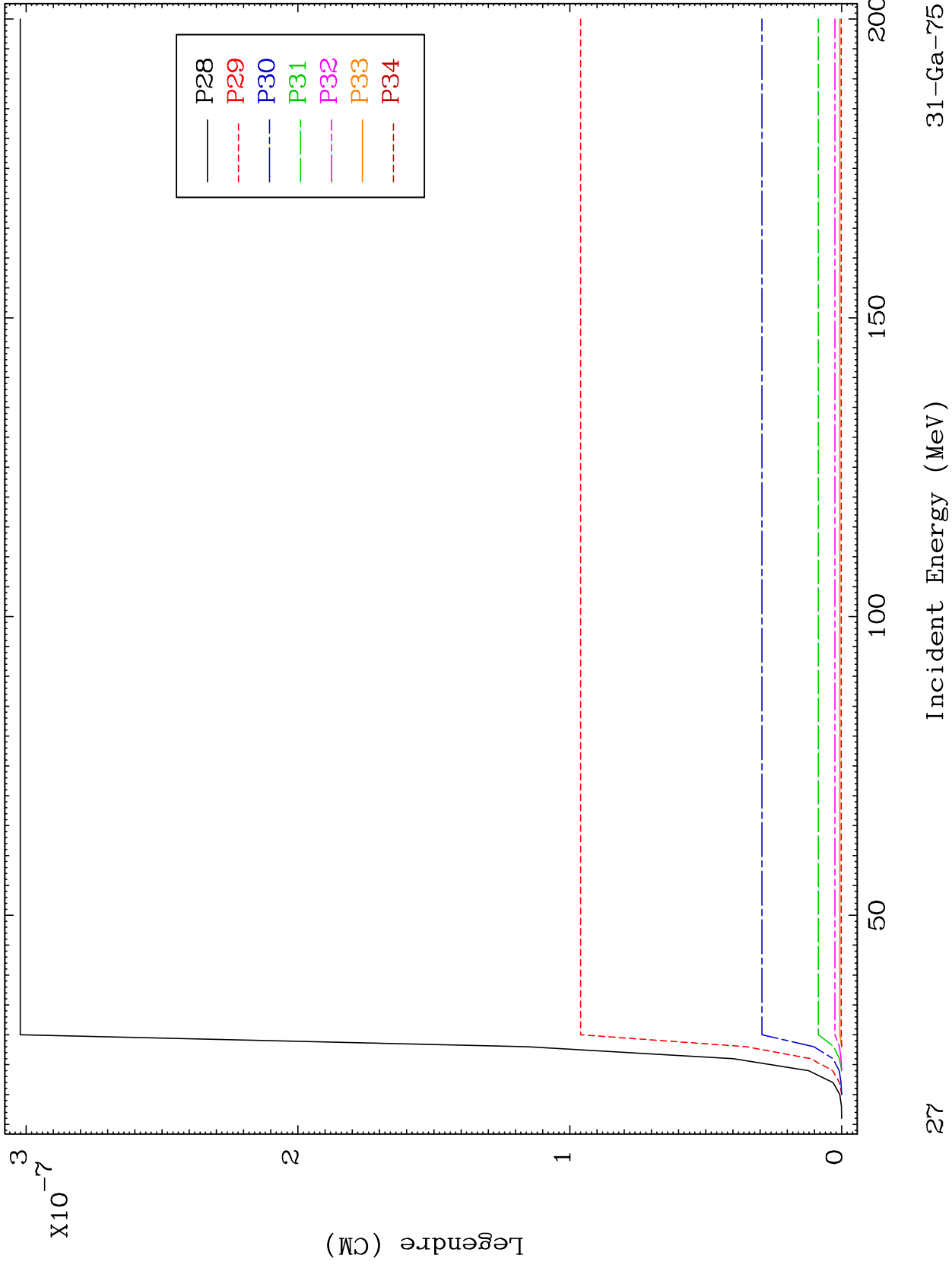
Incident Energy (MeV)

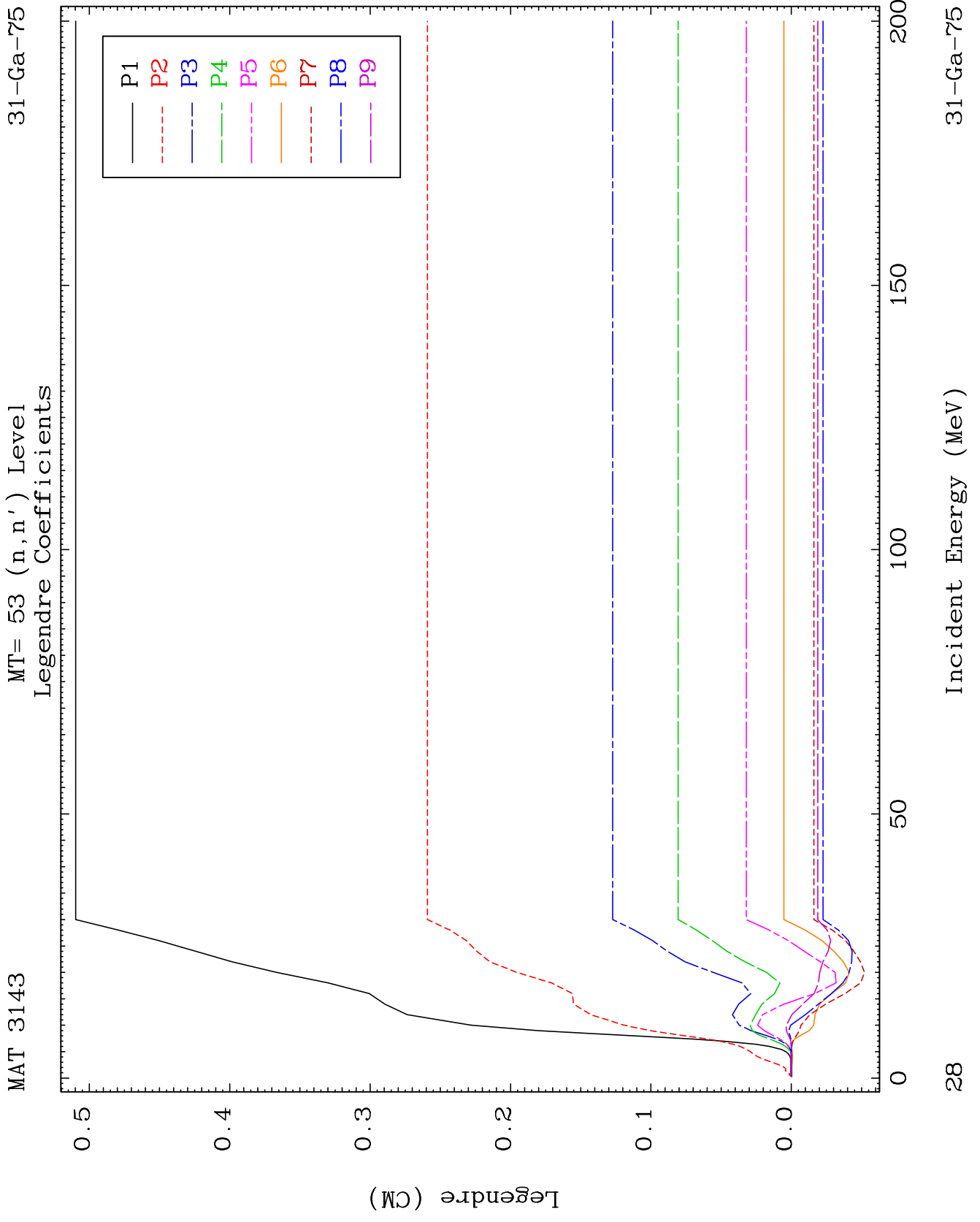
31-Ga-75

MAT 3143

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

31-Ga-75

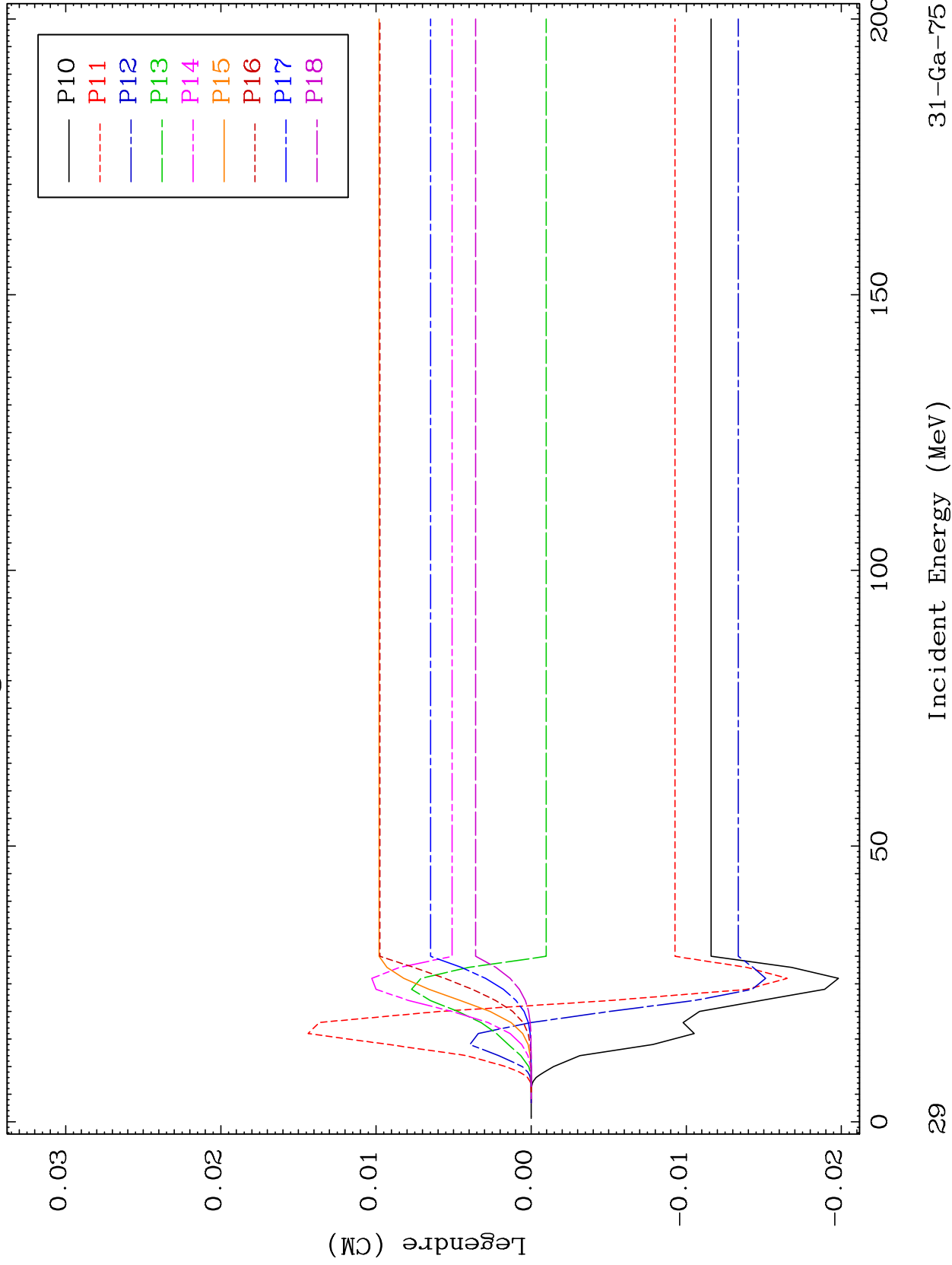




MAT 3143

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

31-Ga-75



29

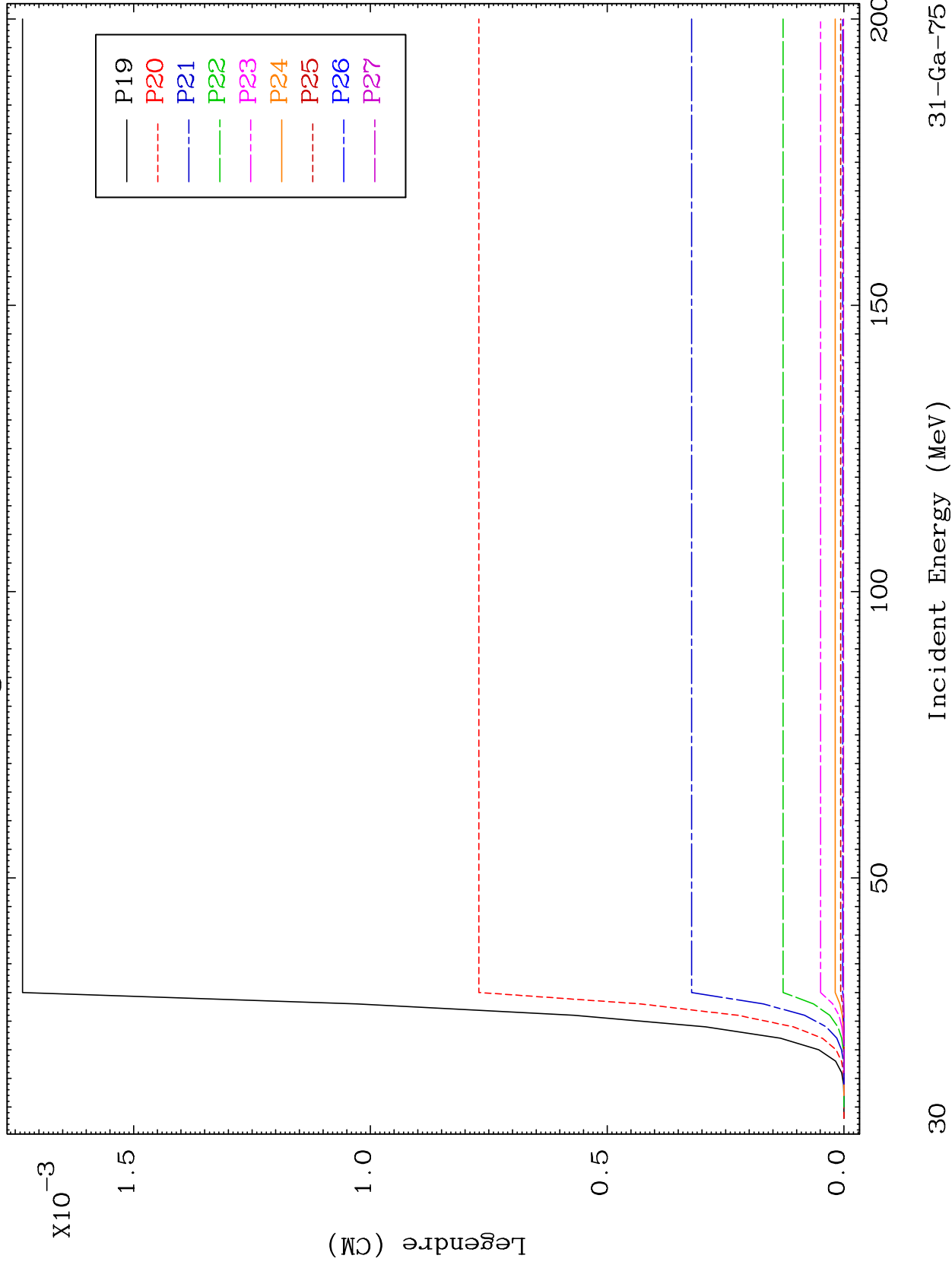
Incident Energy (MeV)

31-Ga-75

MAT 3143

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

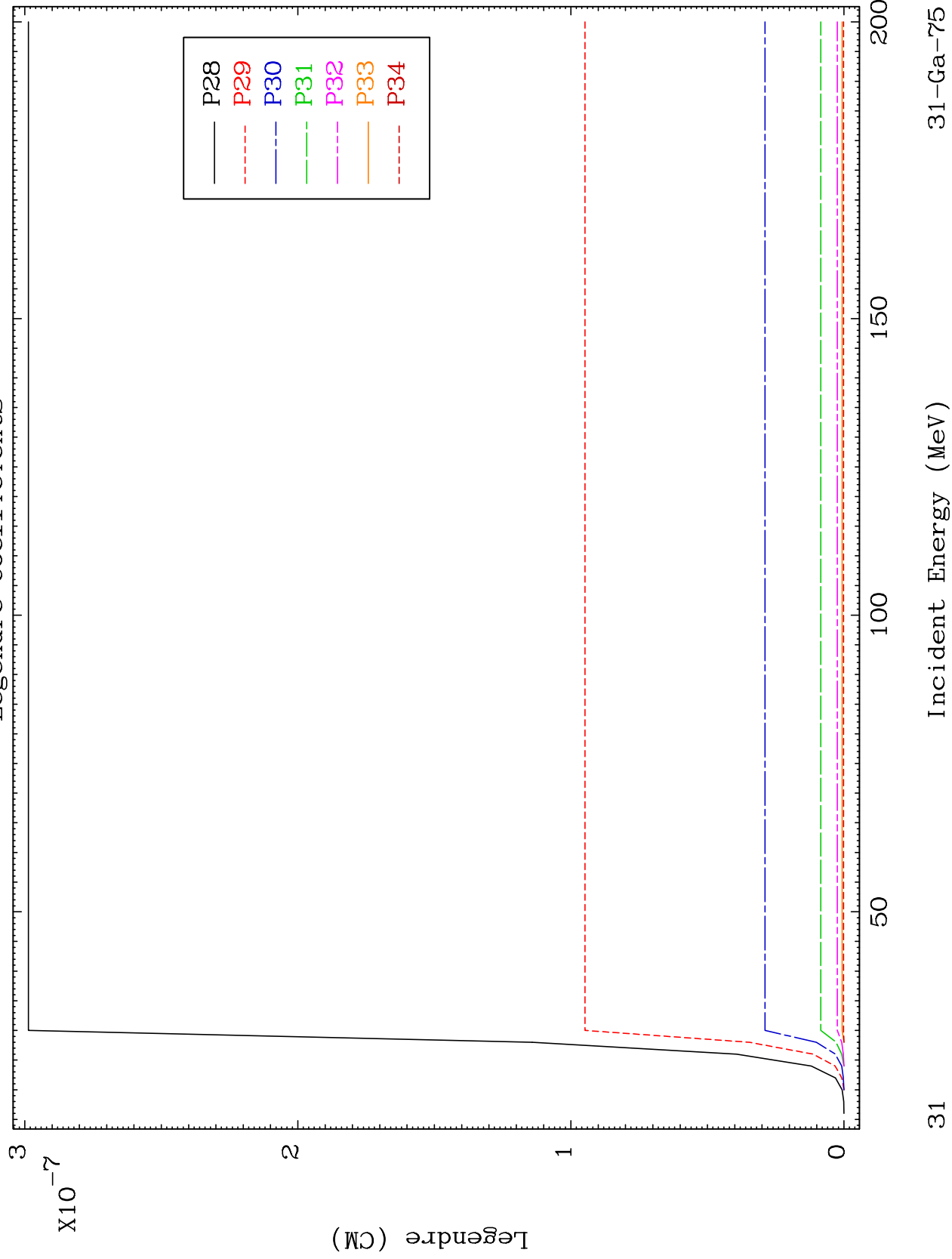
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MAT 3143

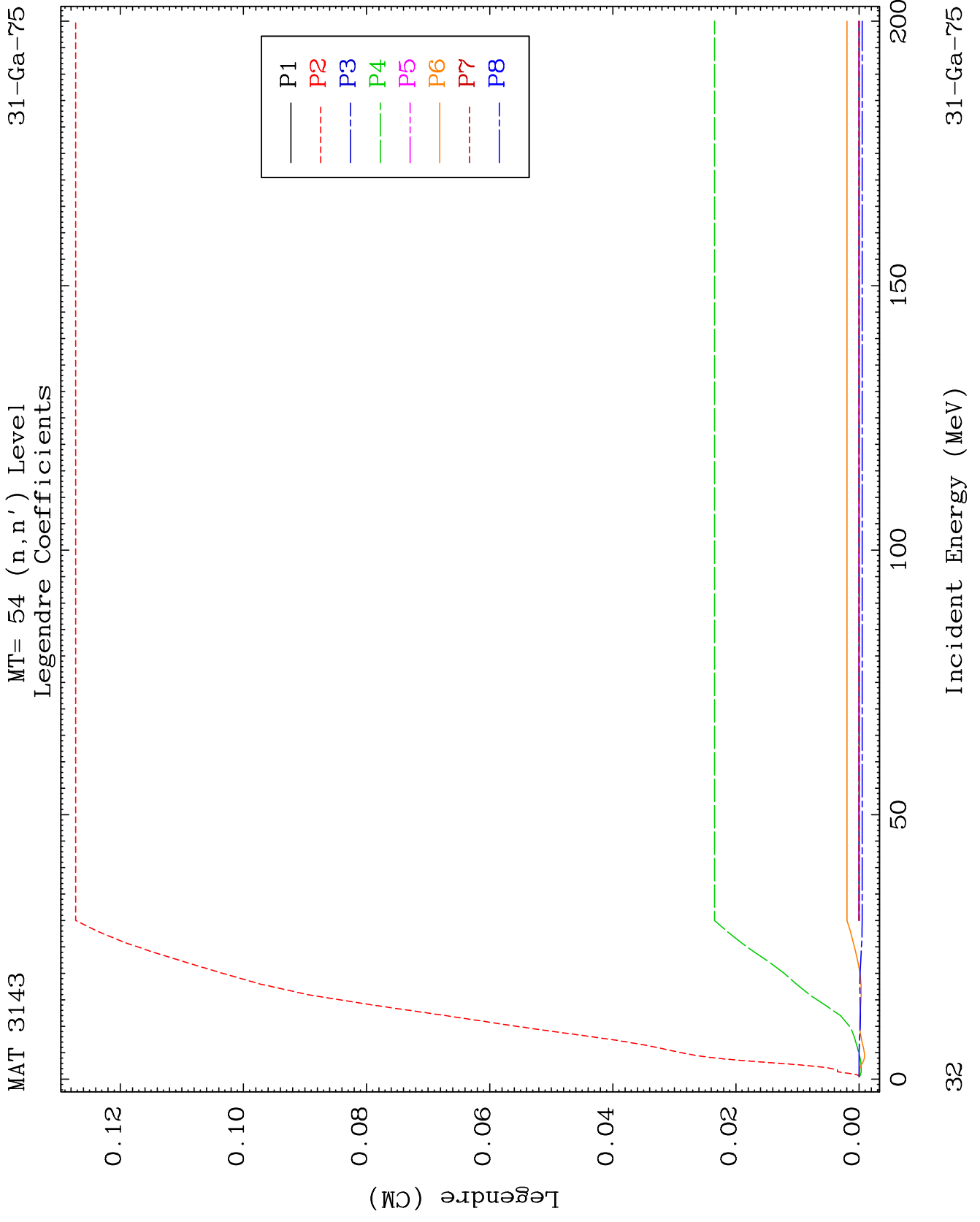
MT= 53 (n,n') Level
Legendre Coefficients

31-Ga-75



31

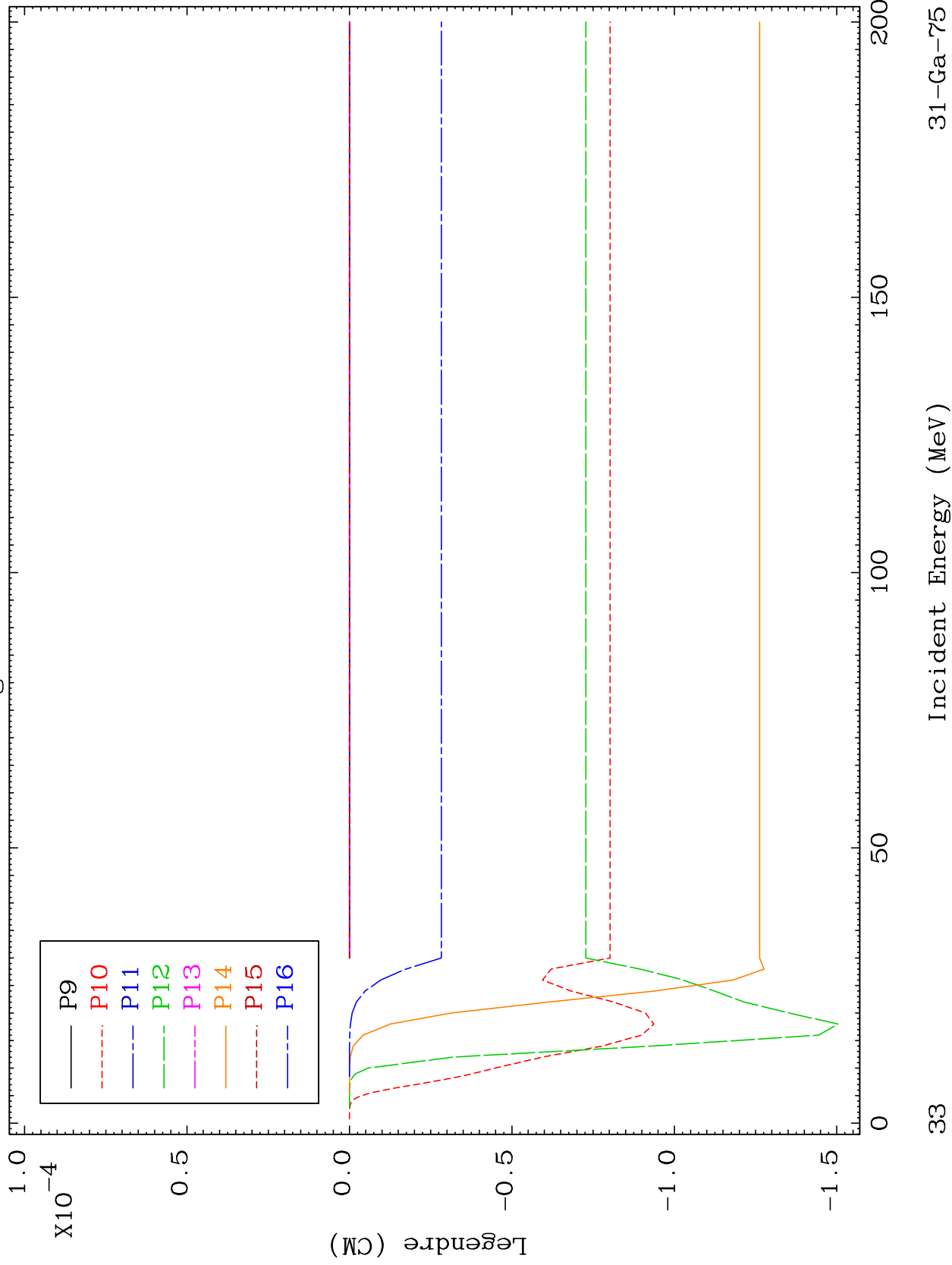
31-Ga-75



MAT 3143

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

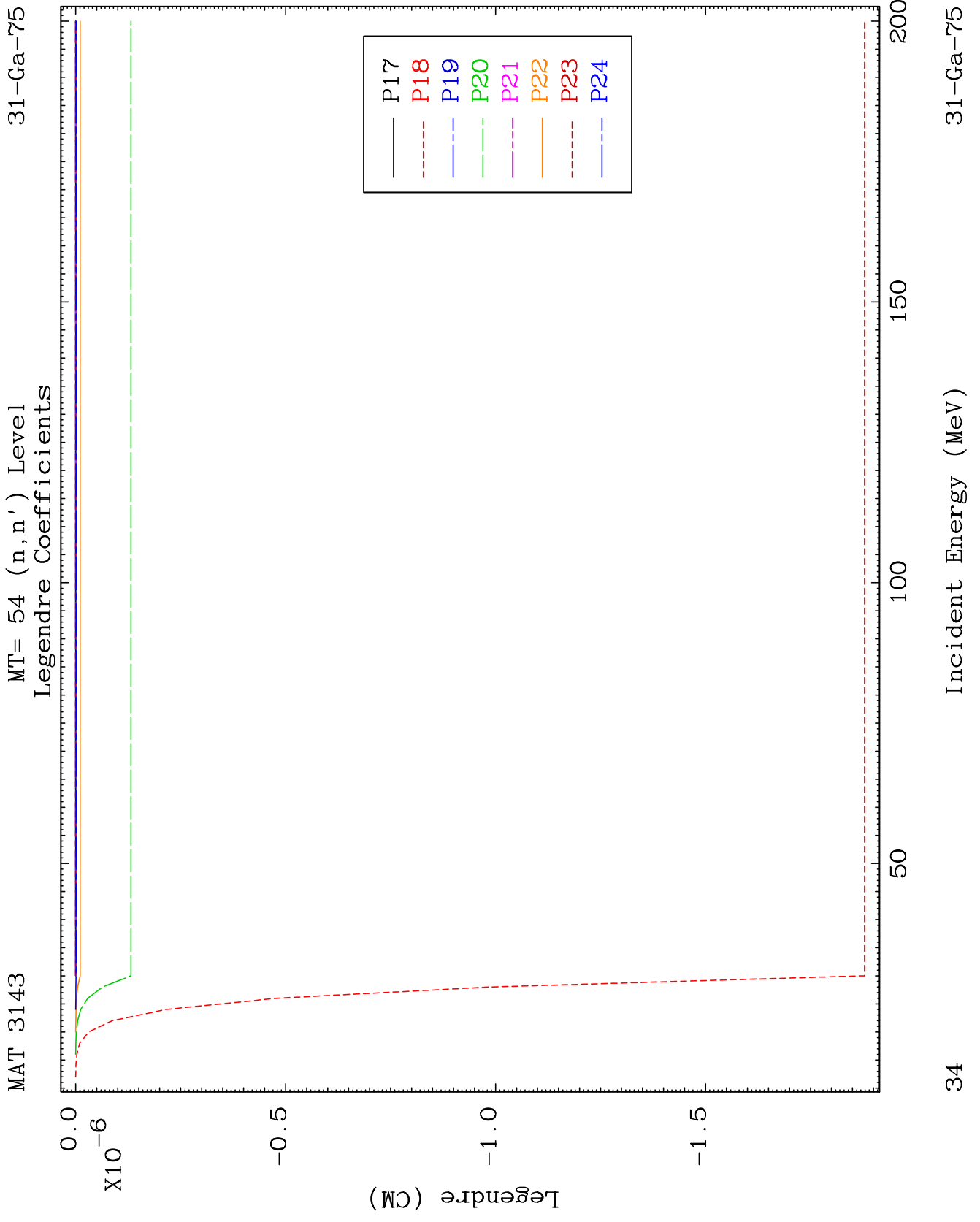
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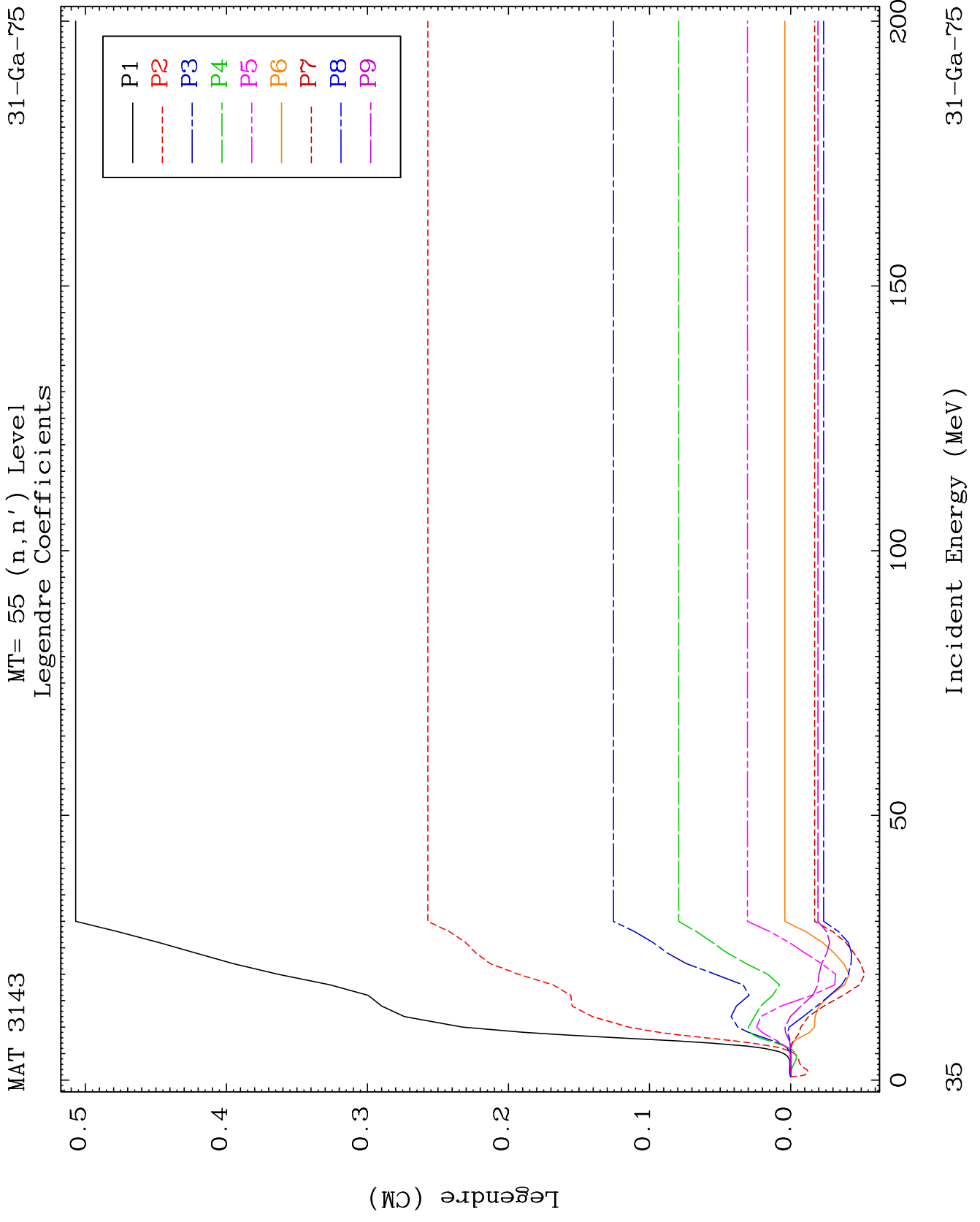


33

Incident Energy (MeV)

31-Ga-75

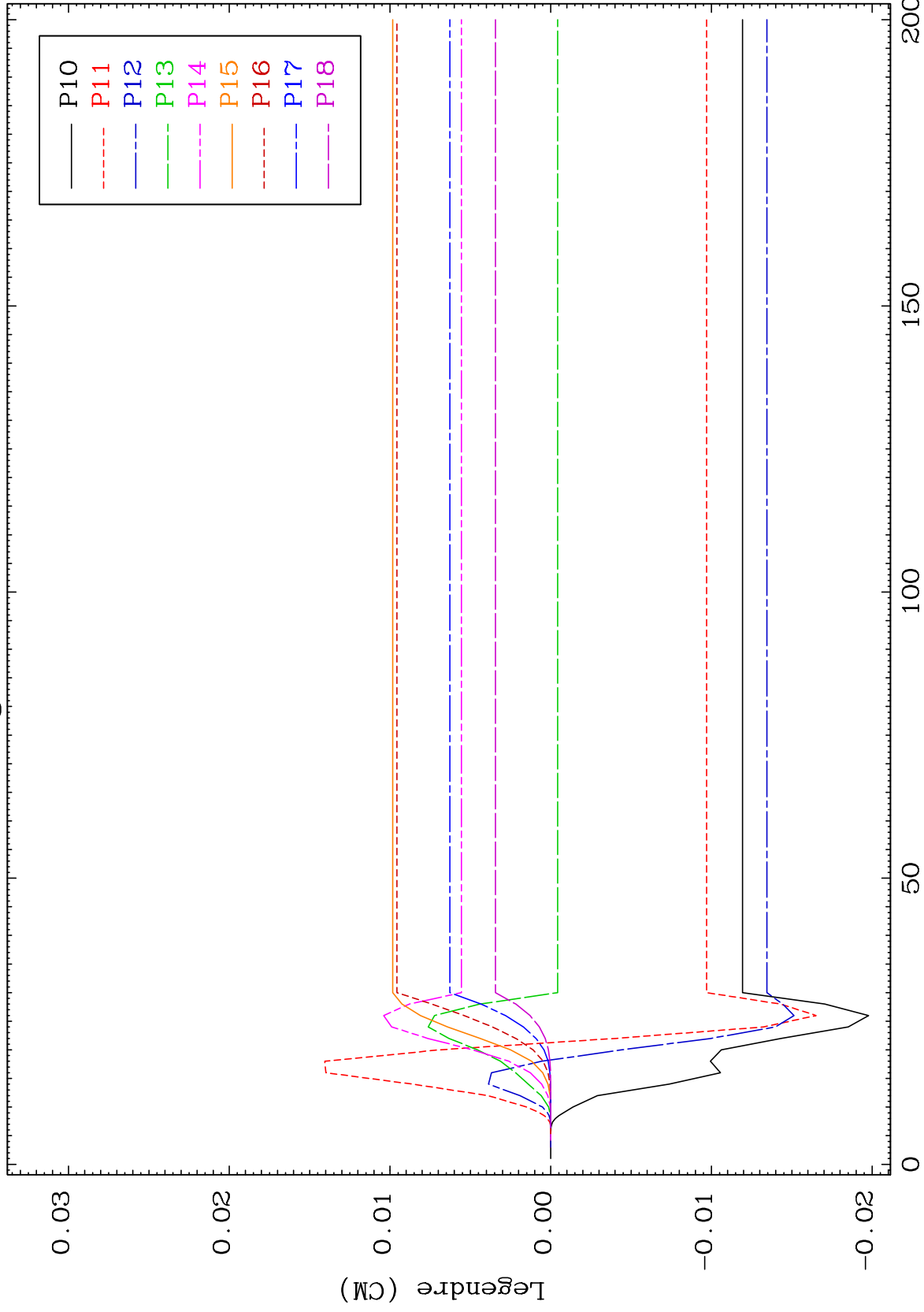




MAT 3143

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

31-Ga-75



36

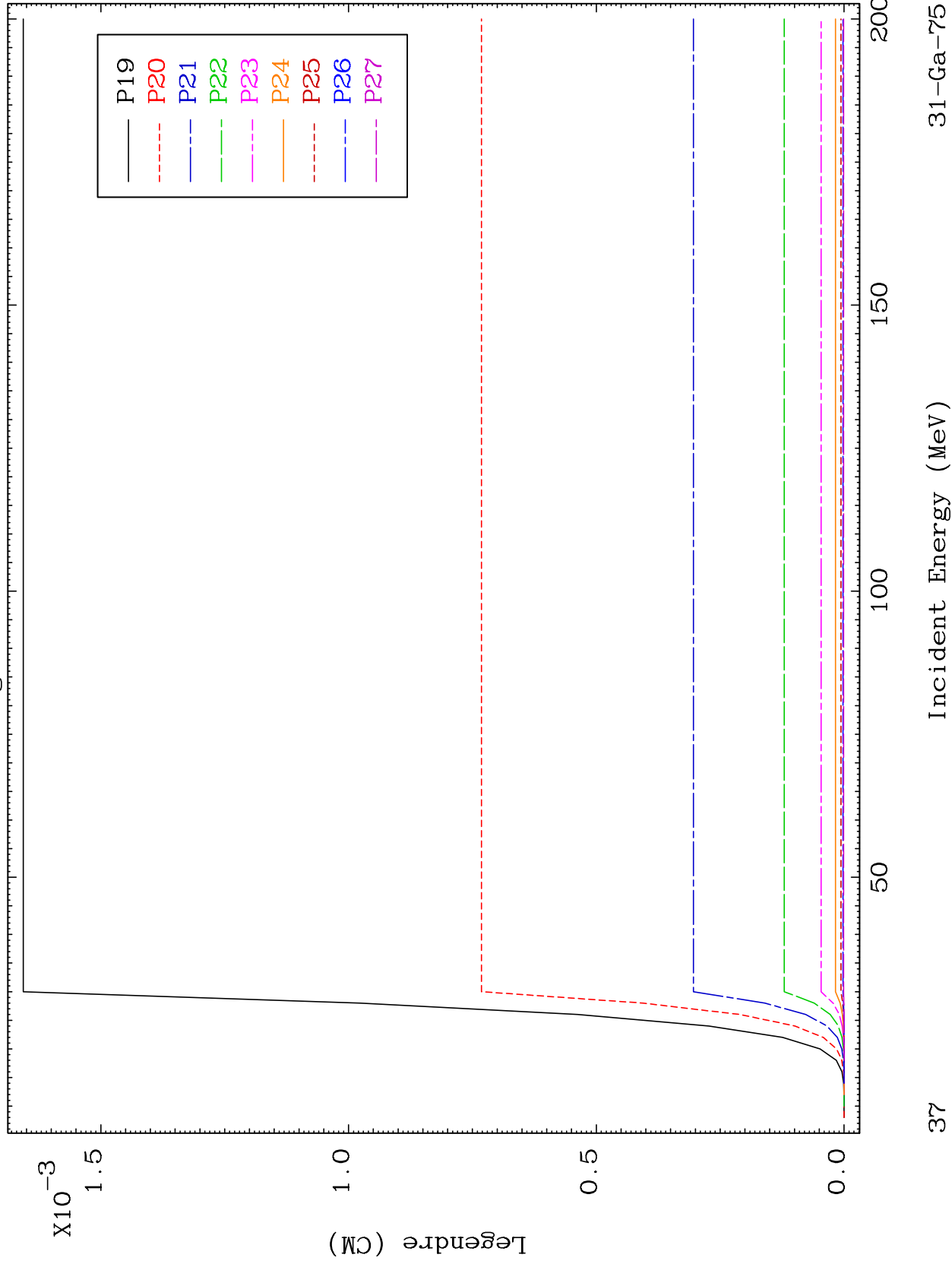
Incident Energy (MeV)

31-Ga-75

MAT 3143

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

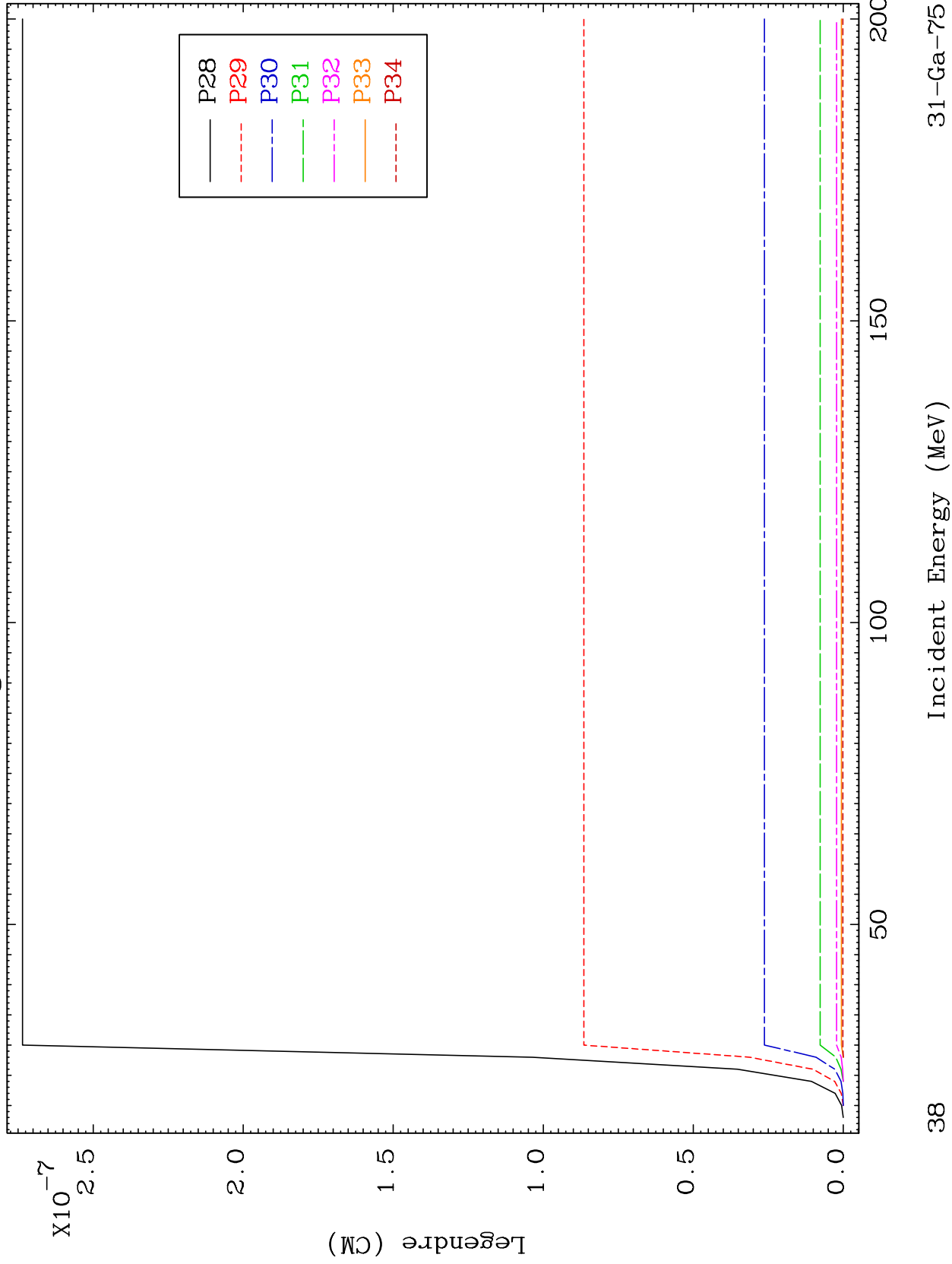
31-Ga-75



MAT 3143

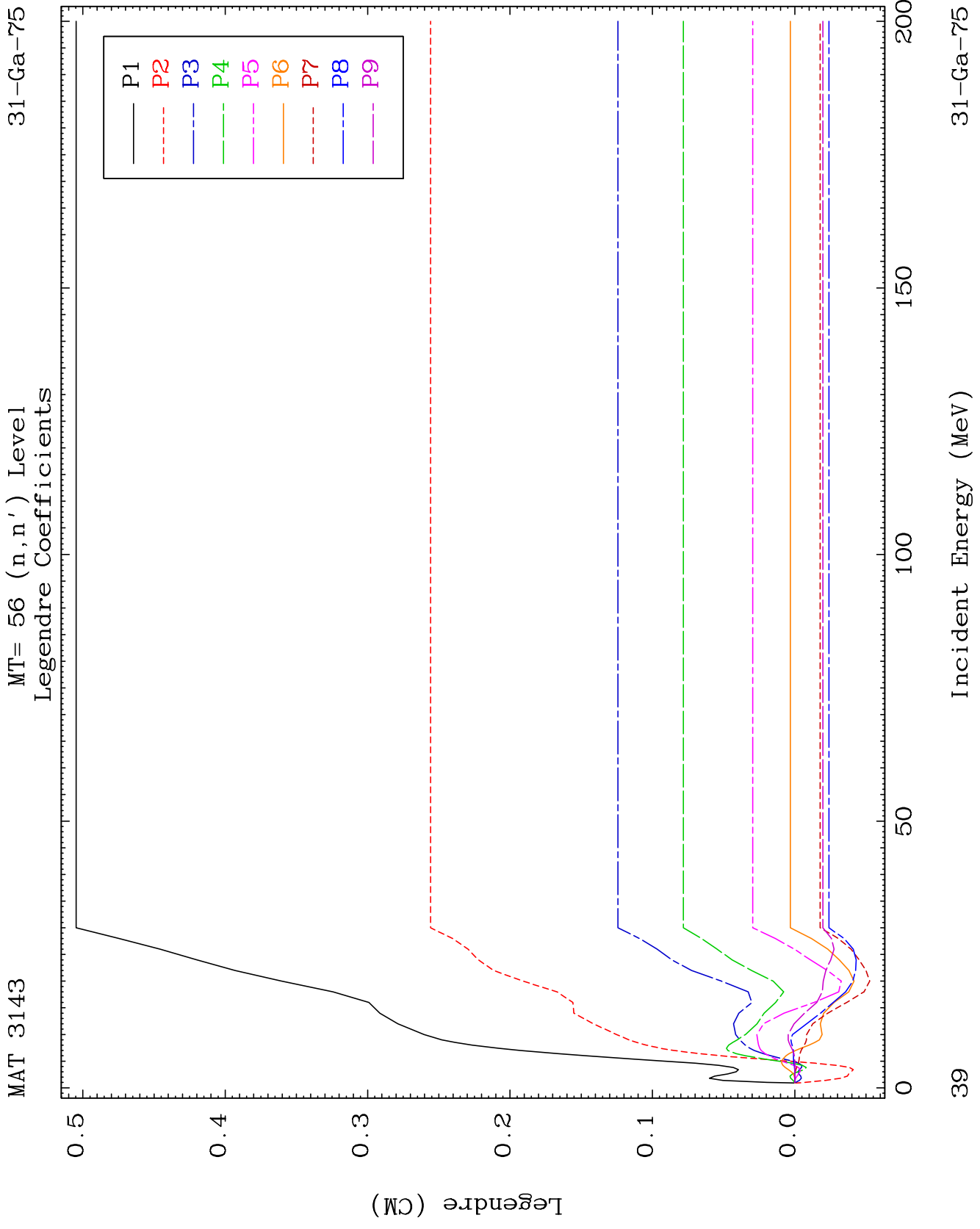
MT= 55 (n,n') Level
Legendre Coefficients

31-Ga-75



38

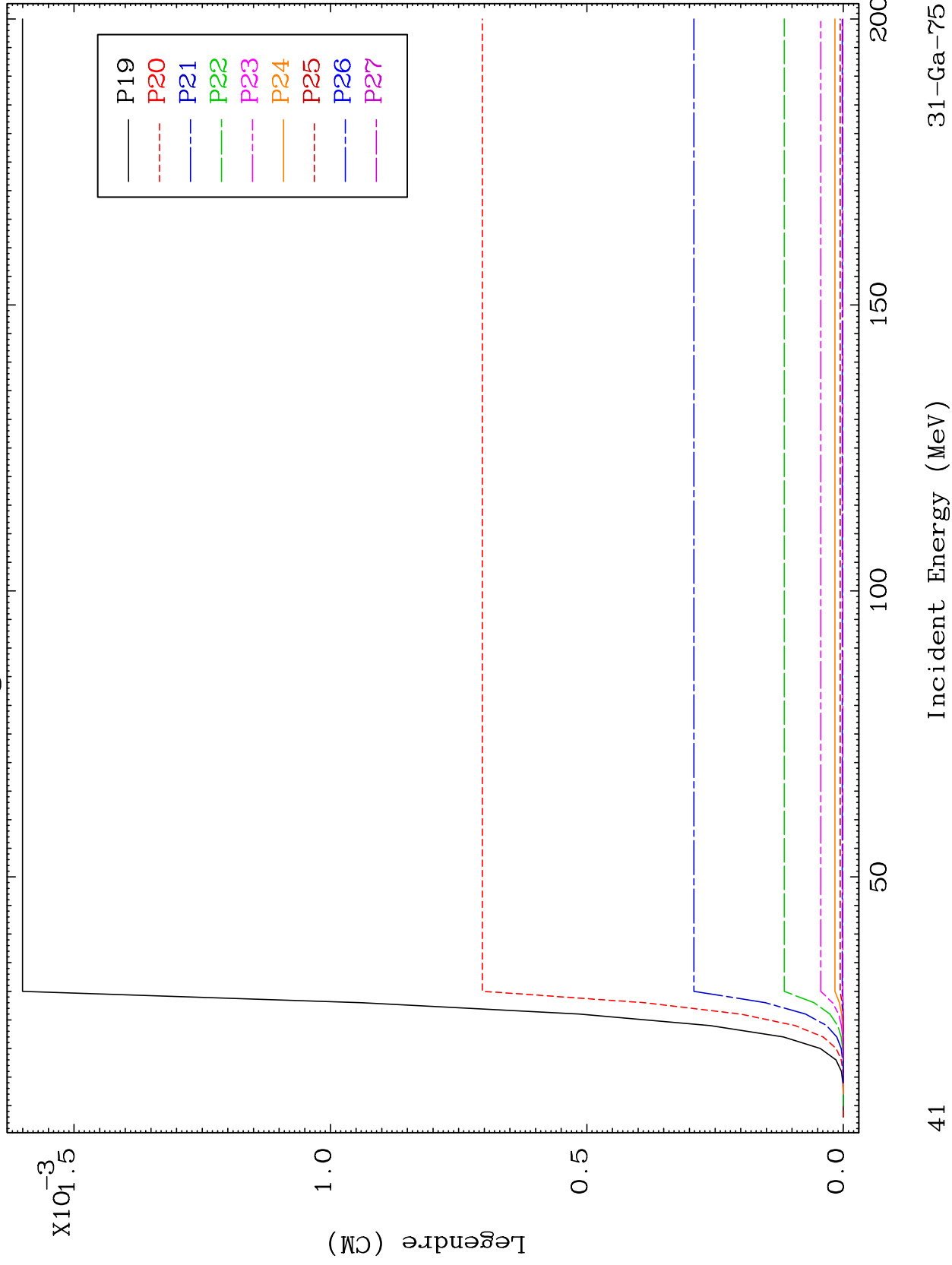
200



MAT 3143

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

31-Ga-75



41

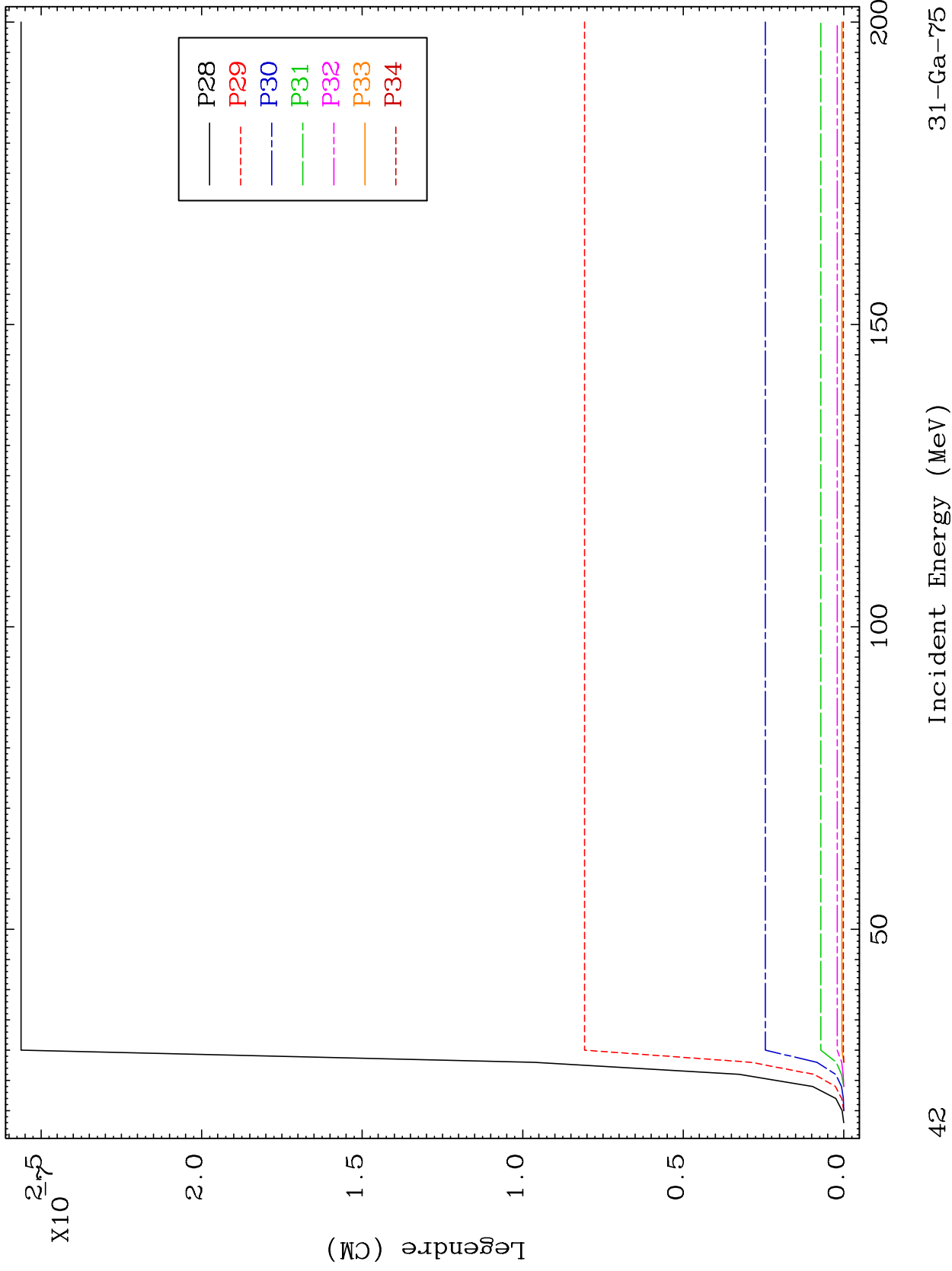
Incident Energy (MeV)

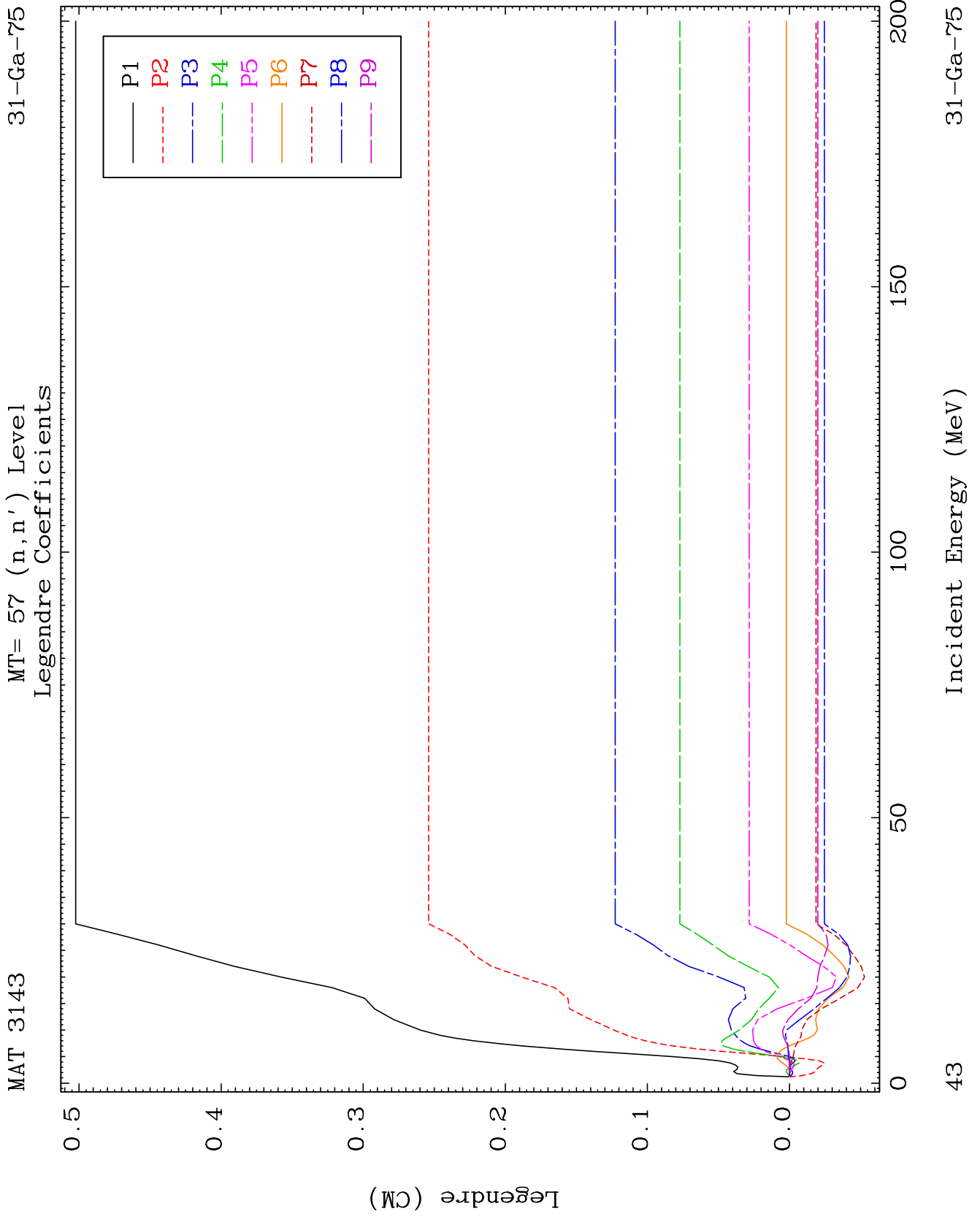
31-Ga-75

MAT 3143

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

31-Ga-75

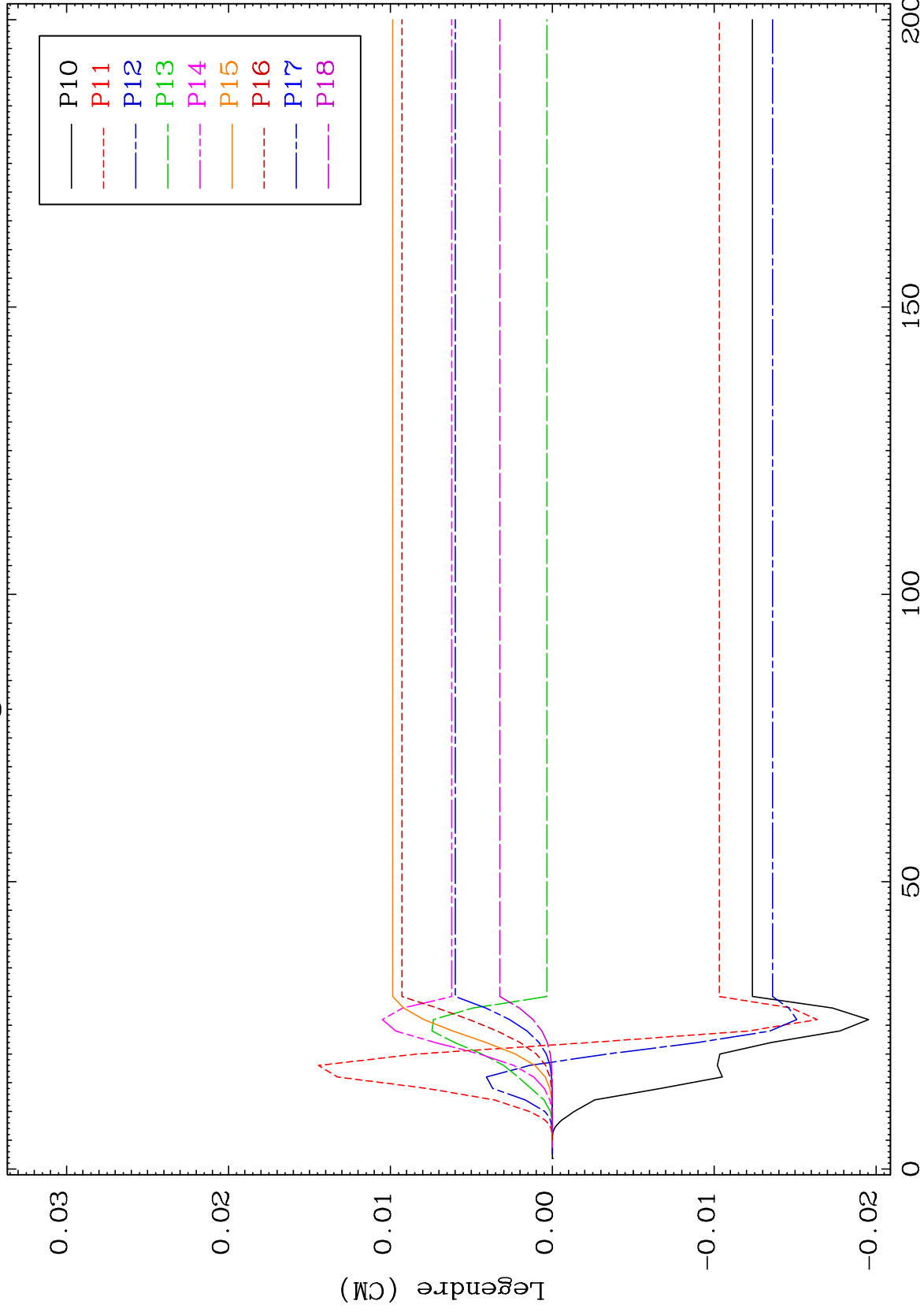




MAT 3143

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

31-Ga-75



44

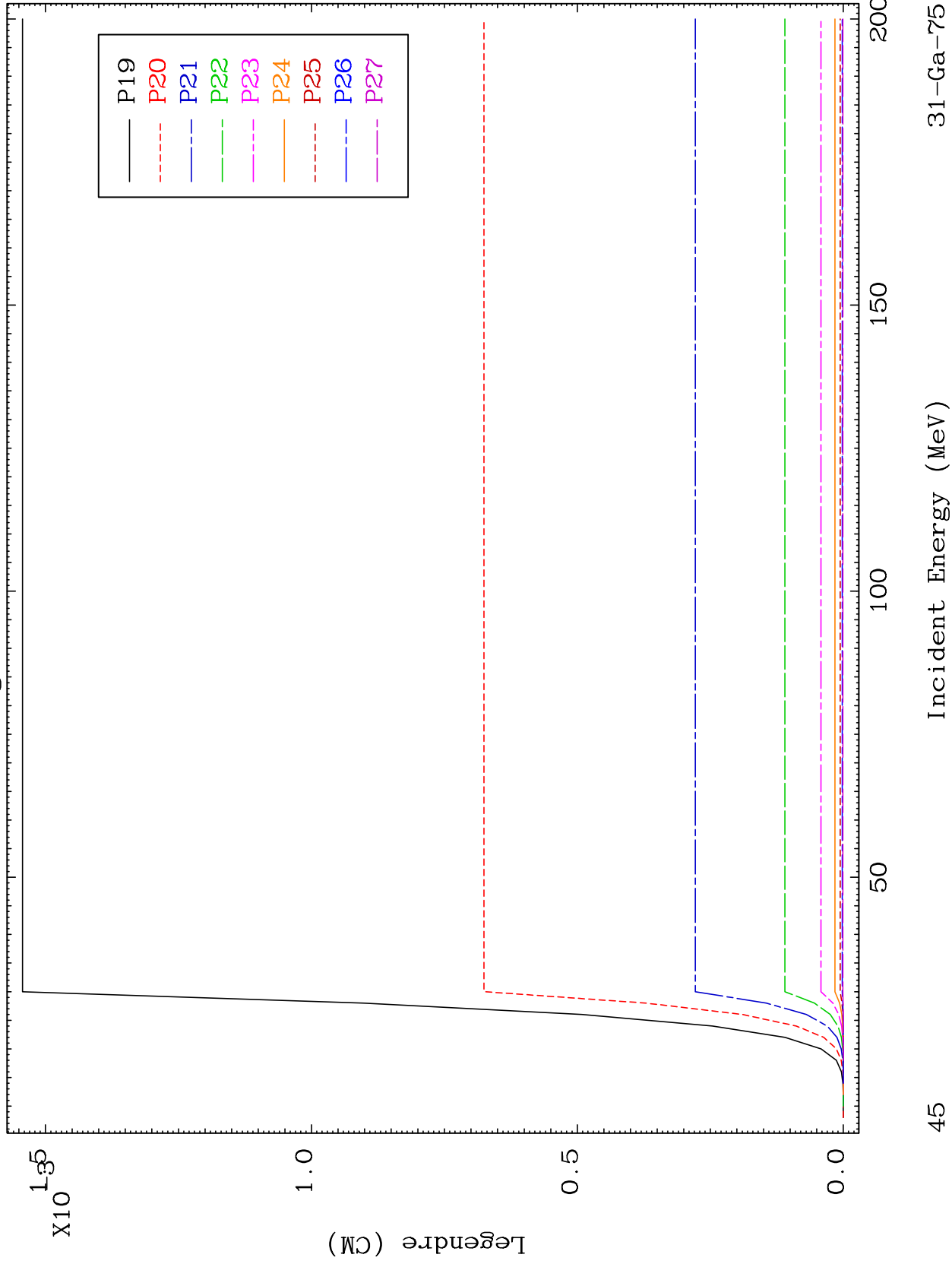
Incident Energy (MeV)

31-Ga-75

MAT 3143

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

³¹Ga-75



45

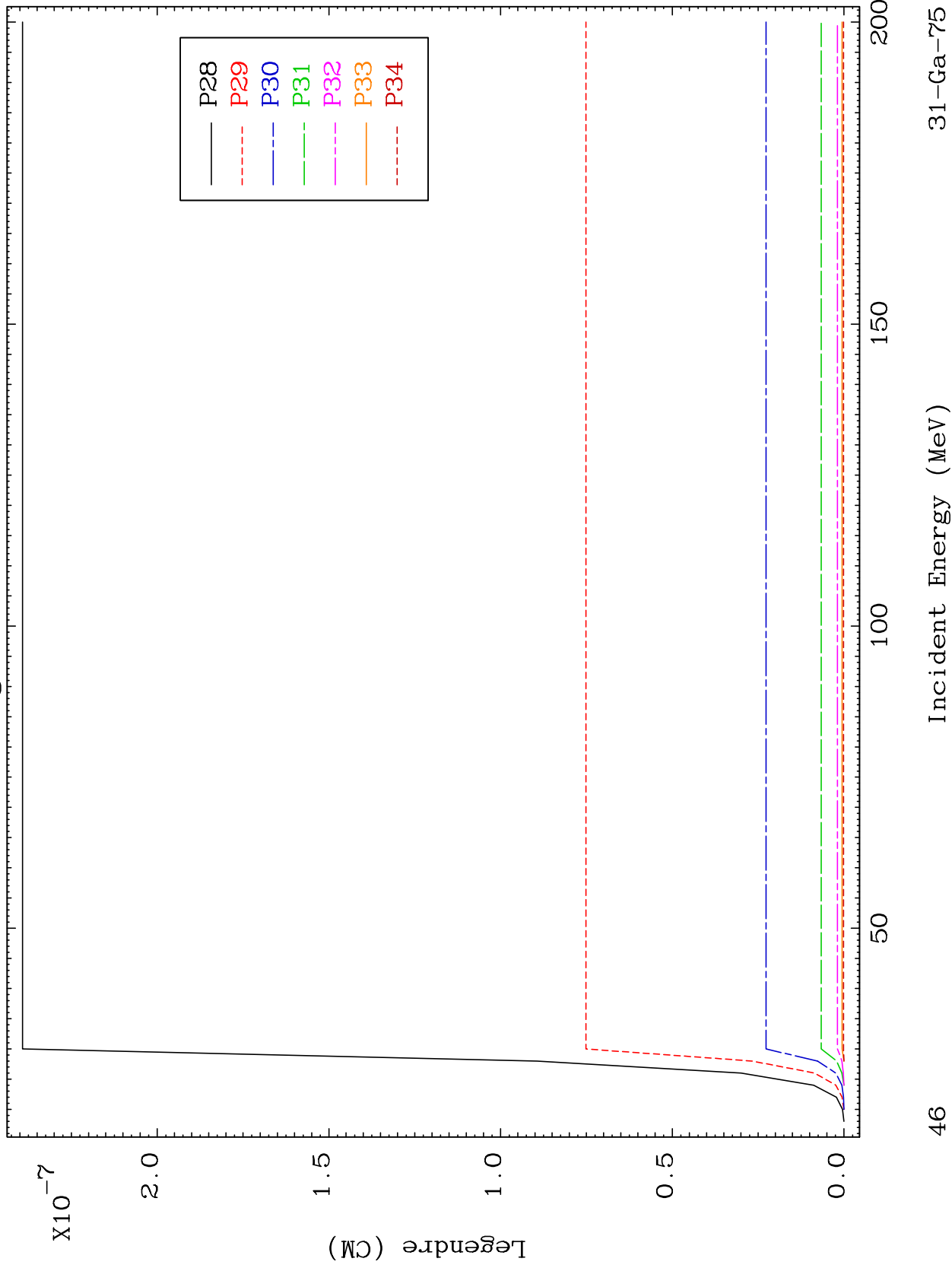
Incident Energy (MeV)

³¹Ga-75

MAT 3143

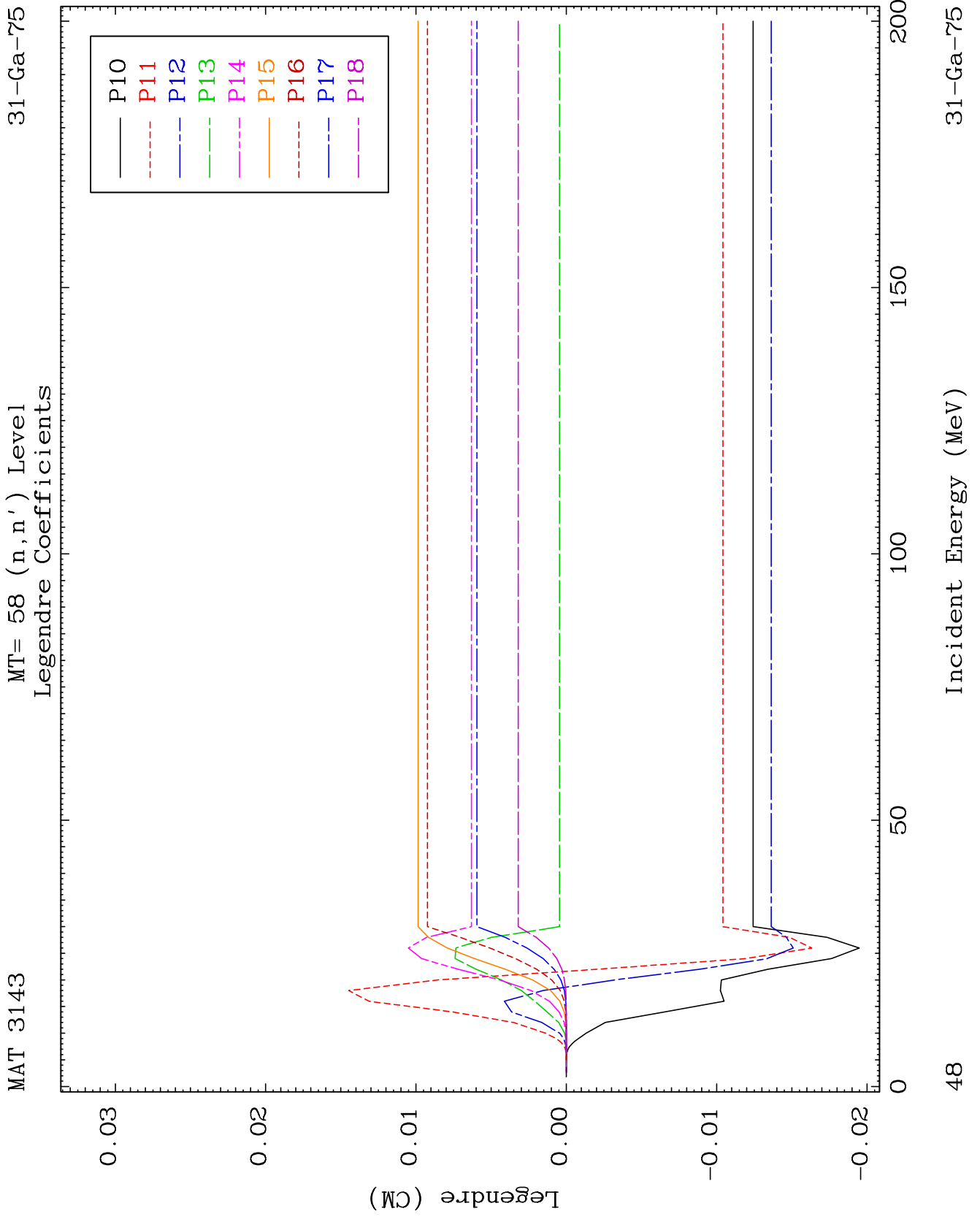
MT= 57 (n,n') Level
Legendre Coefficients

31-Ga-75



46

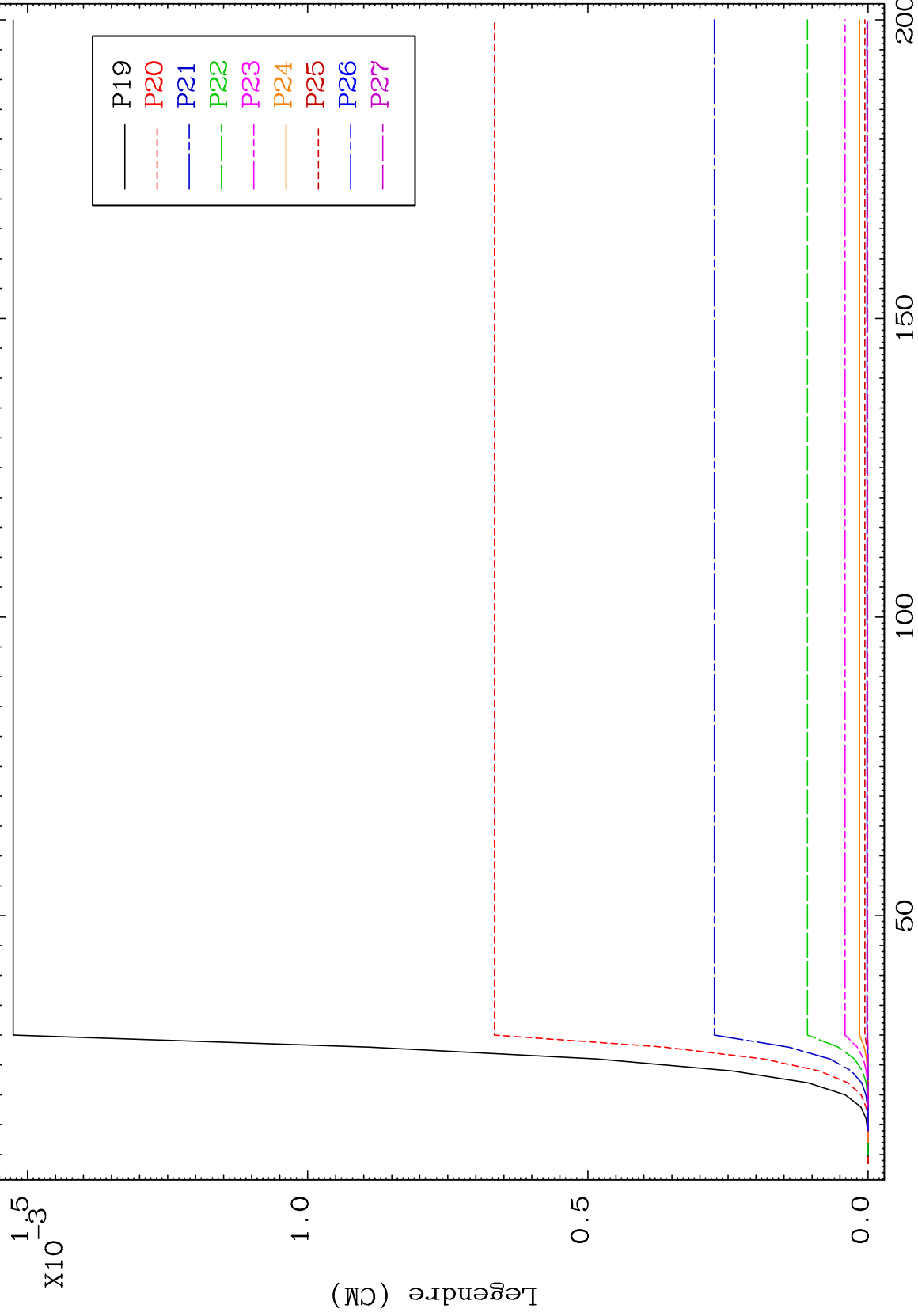
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MAT 3143

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

31-Ga-75



49

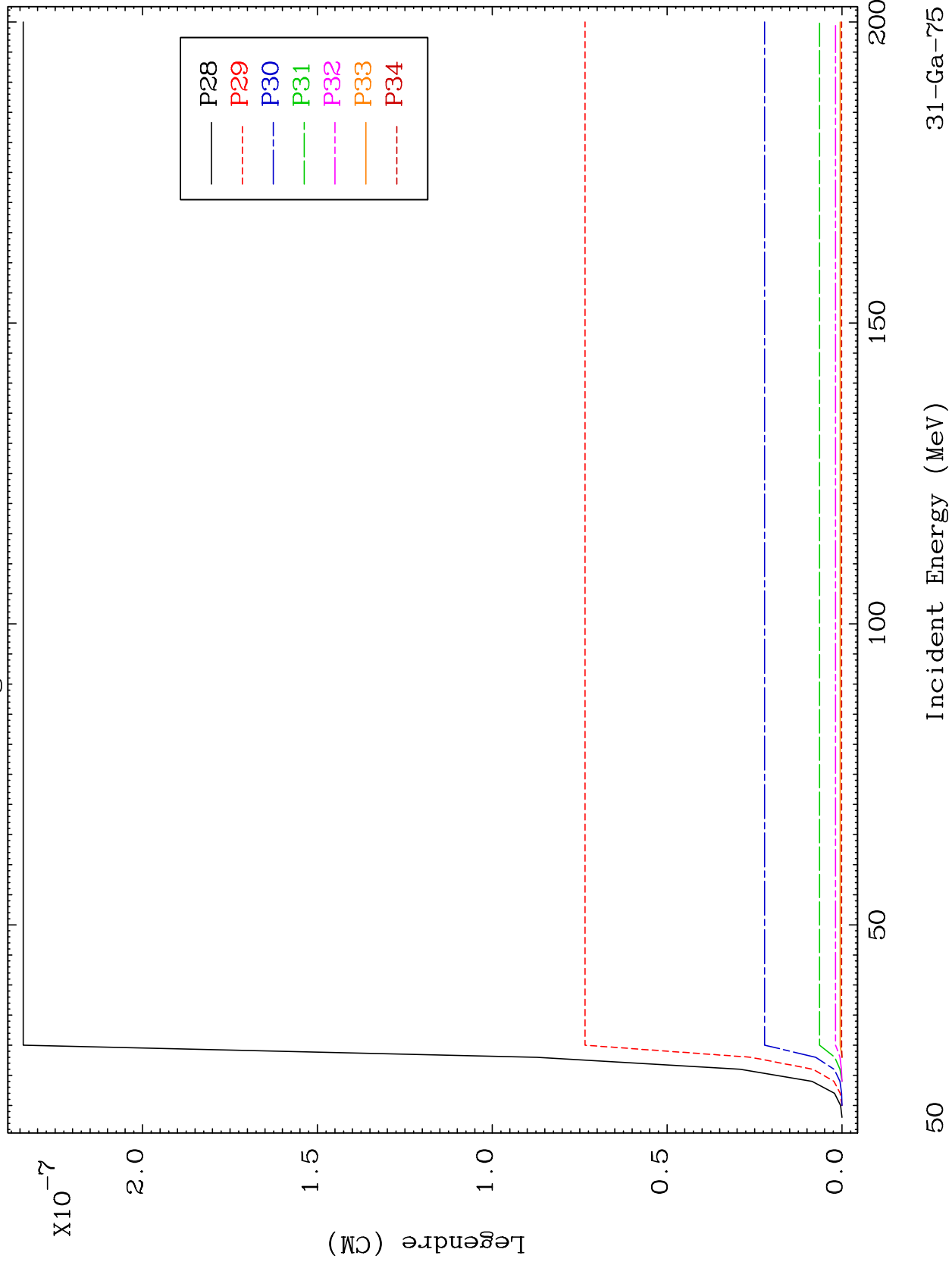
Incident Energy (MeV)

31-Ga-75

MAT 3143

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

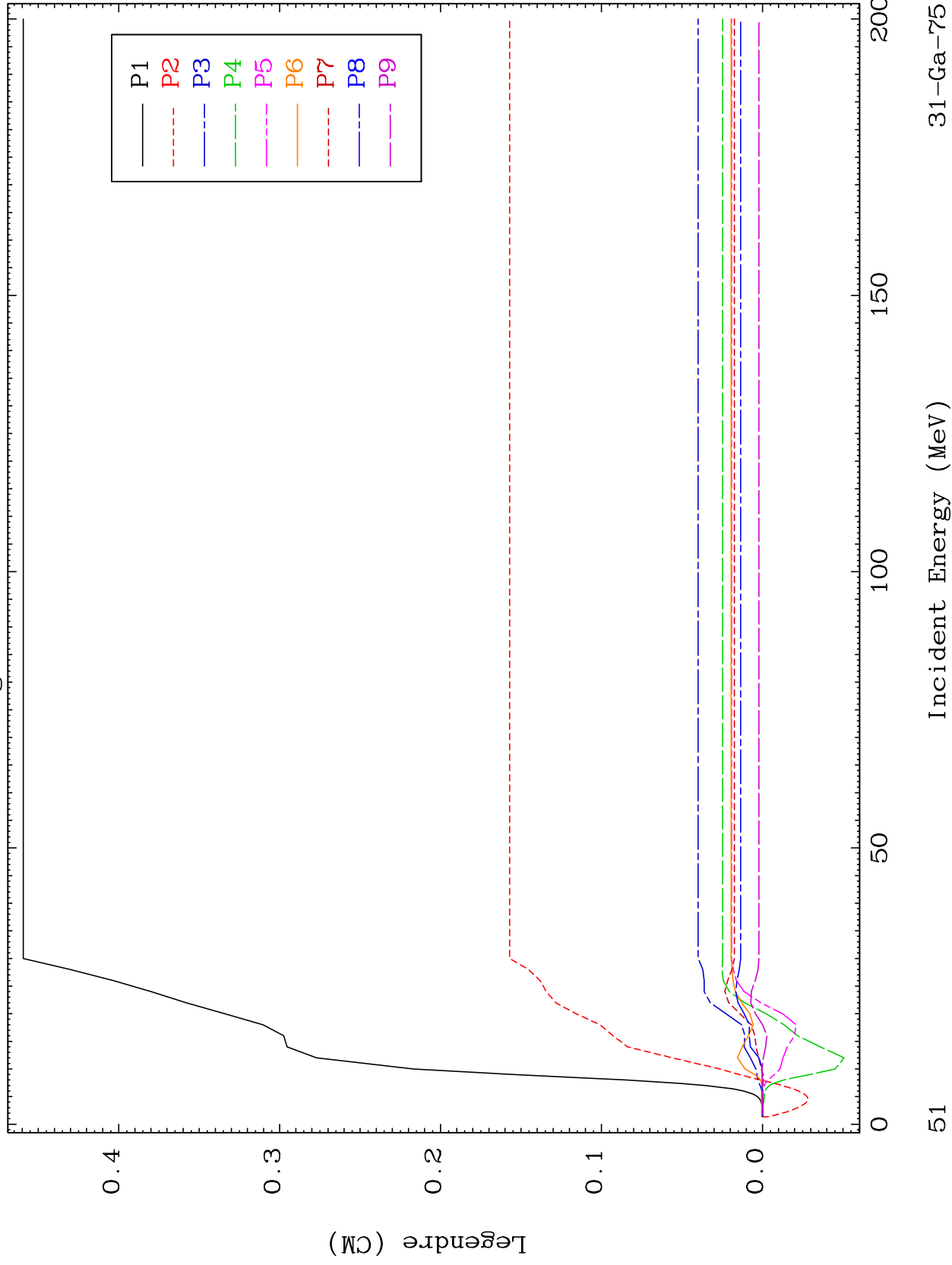
31-Ga-75



MAT 3143

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

31-Ga-75



31-Ga-75

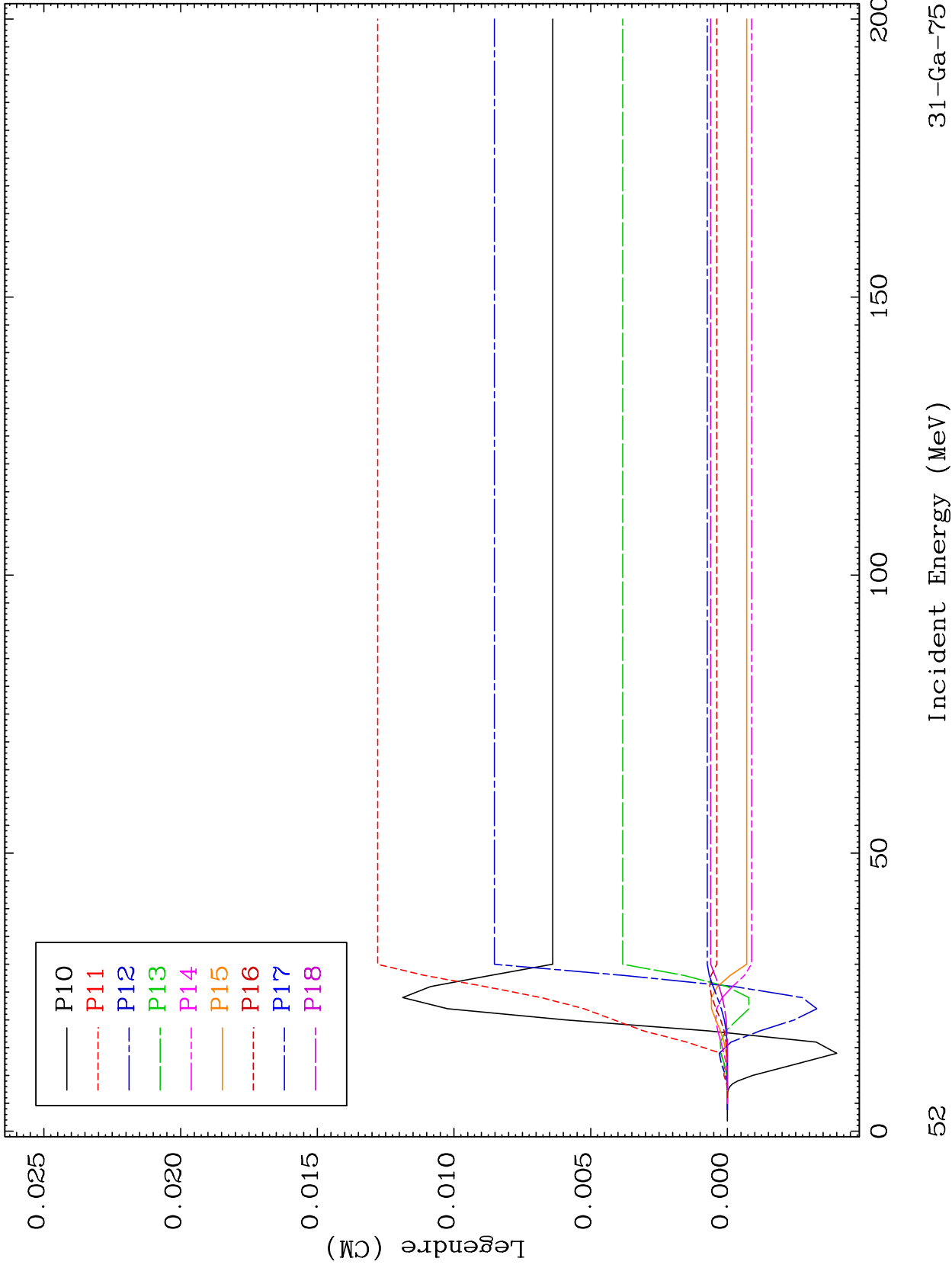
Incident Energy (MeV)

51

MAT 3143

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

31-Ga-75



52

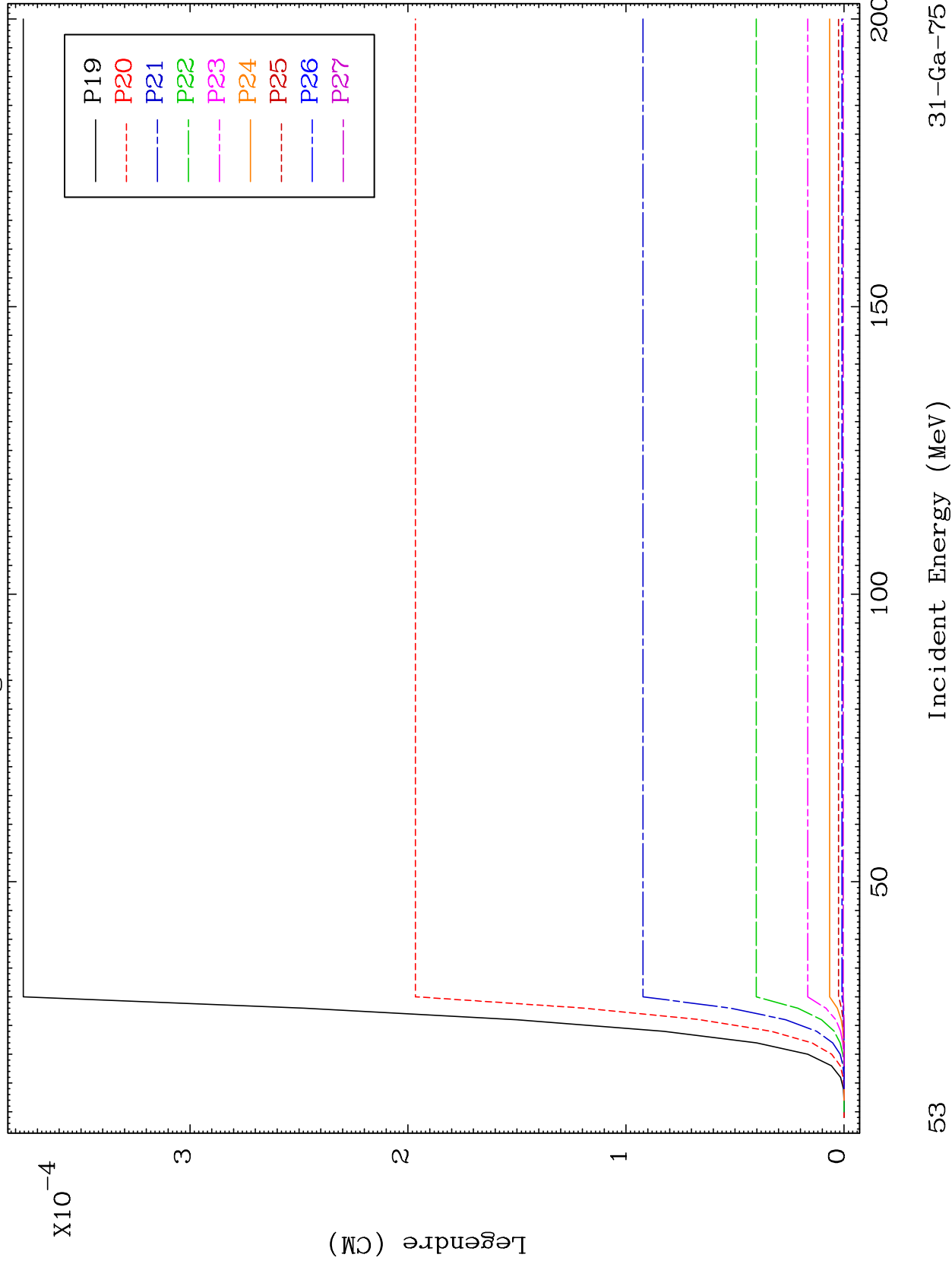
Incident Energy (MeV)

31-Ga-75

MAT 3143

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

³¹Ga-75



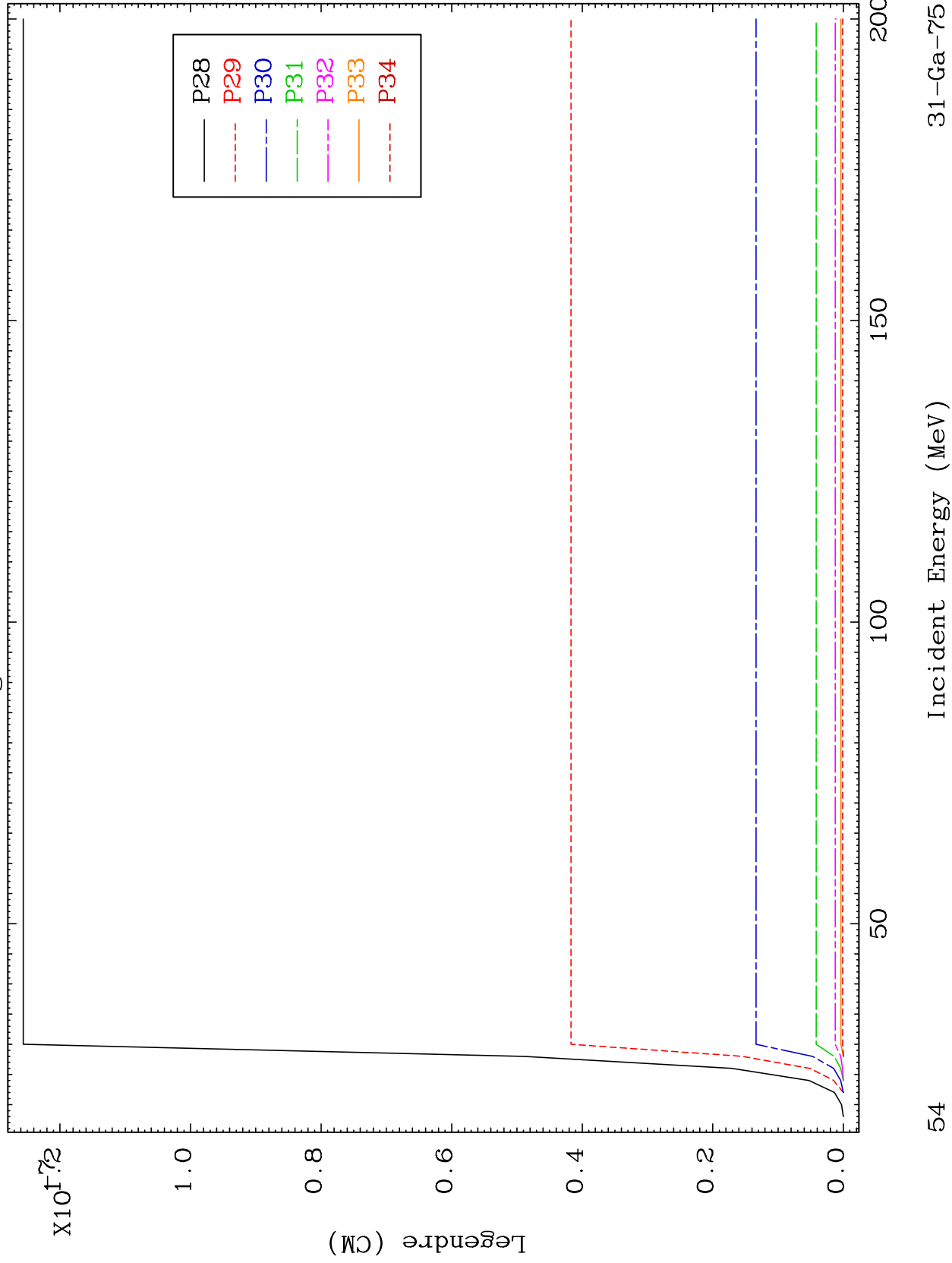
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³¹Ga-75

MAT 3143

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

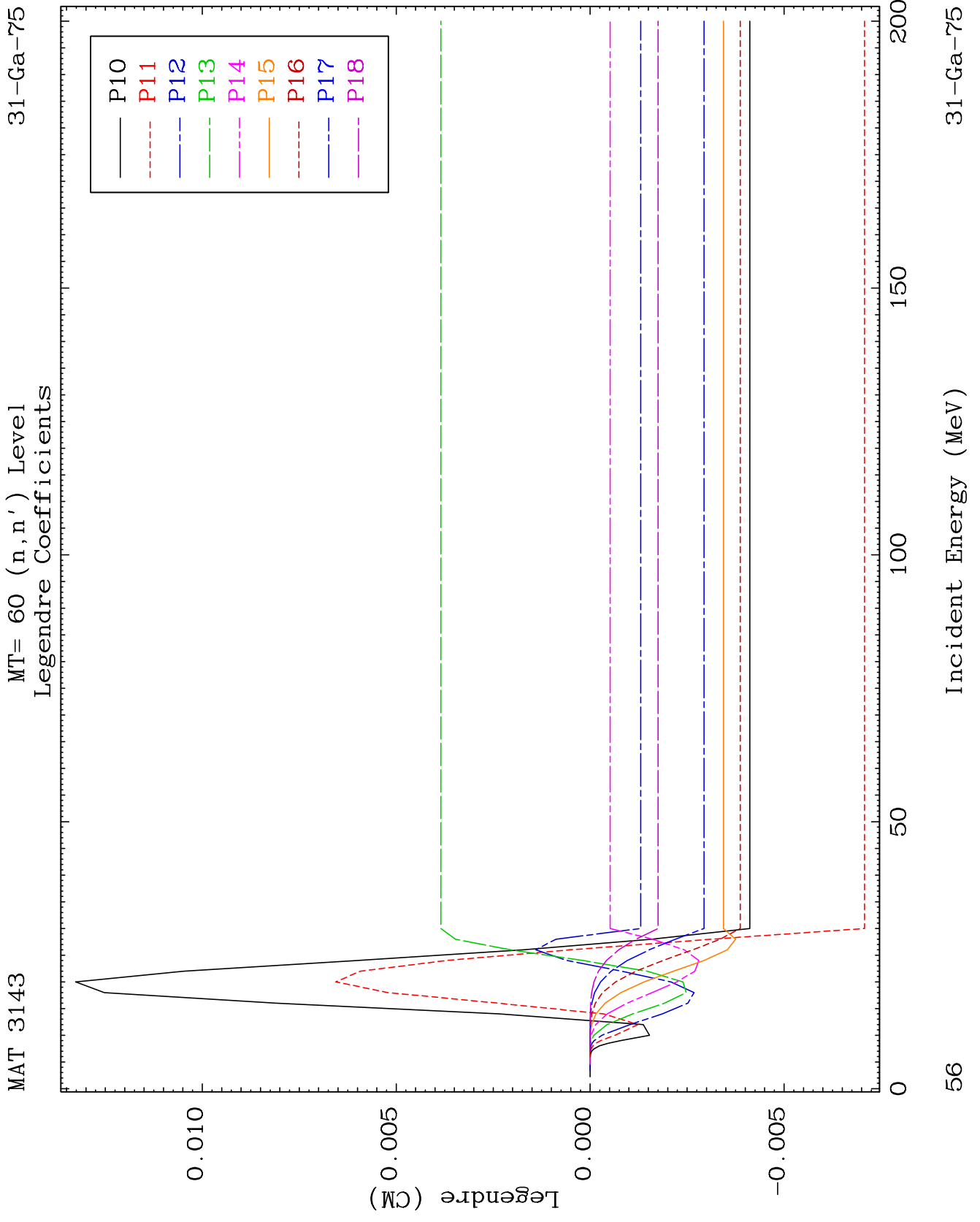
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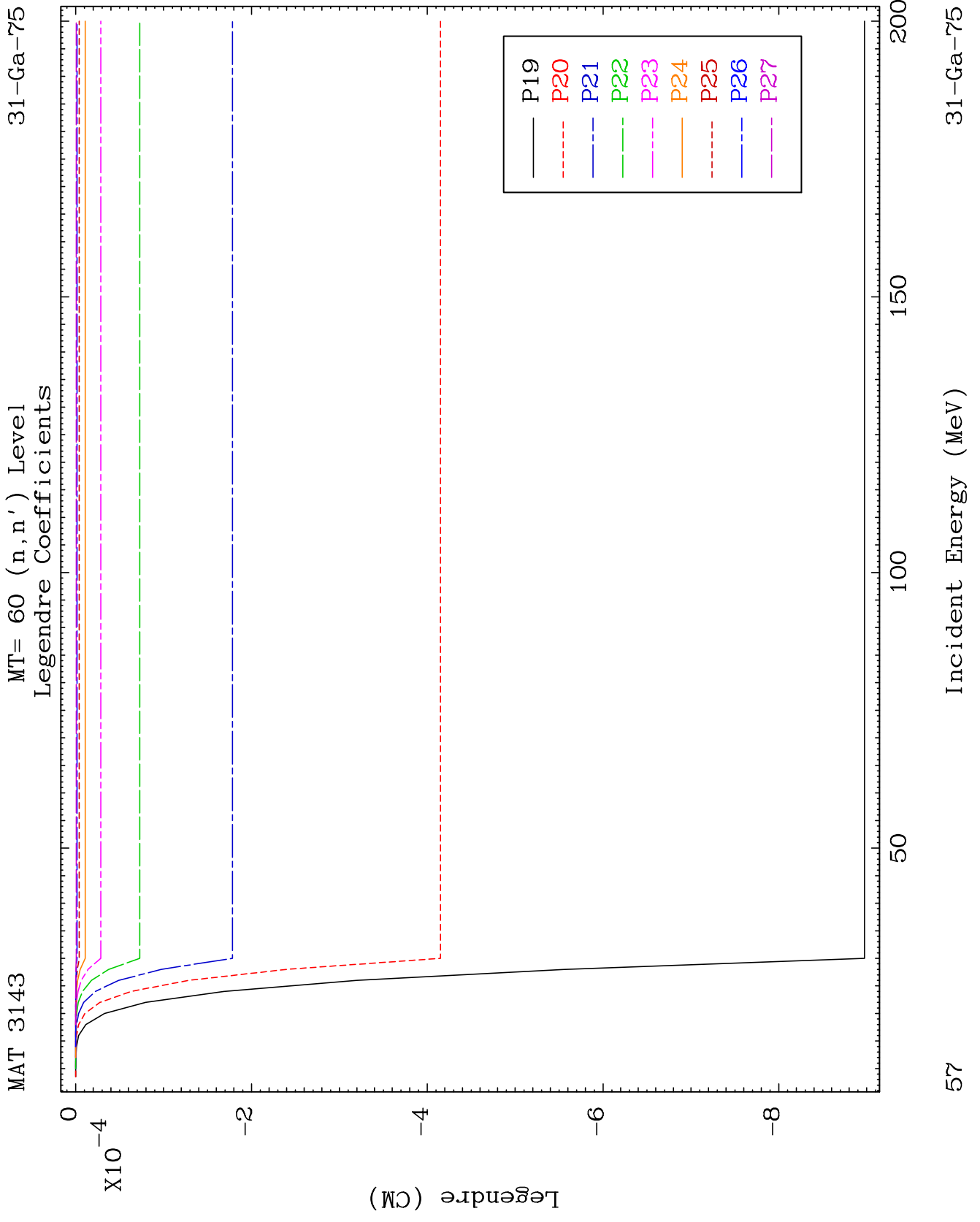


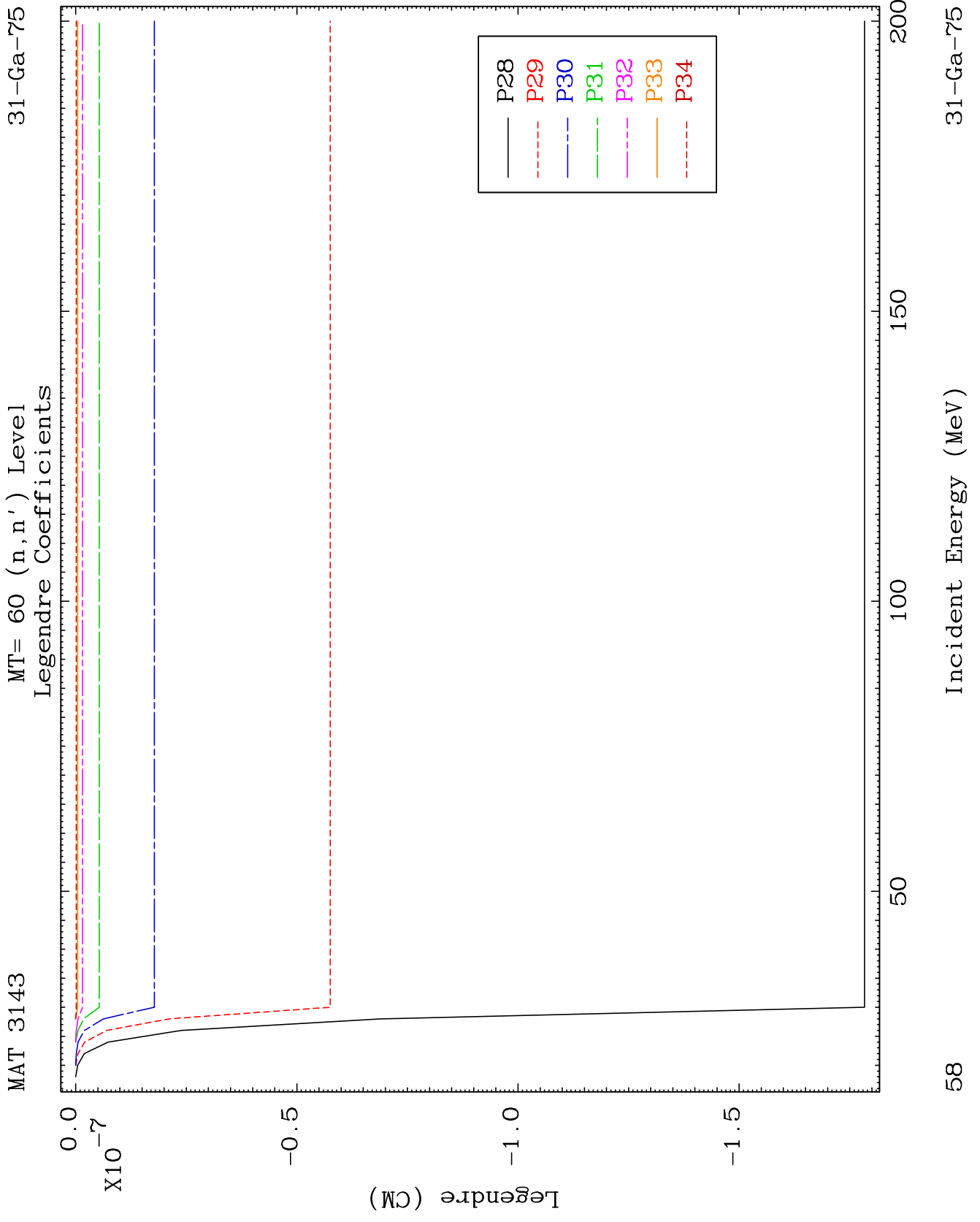
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Incident Energy (MeV)

31-Ga-75



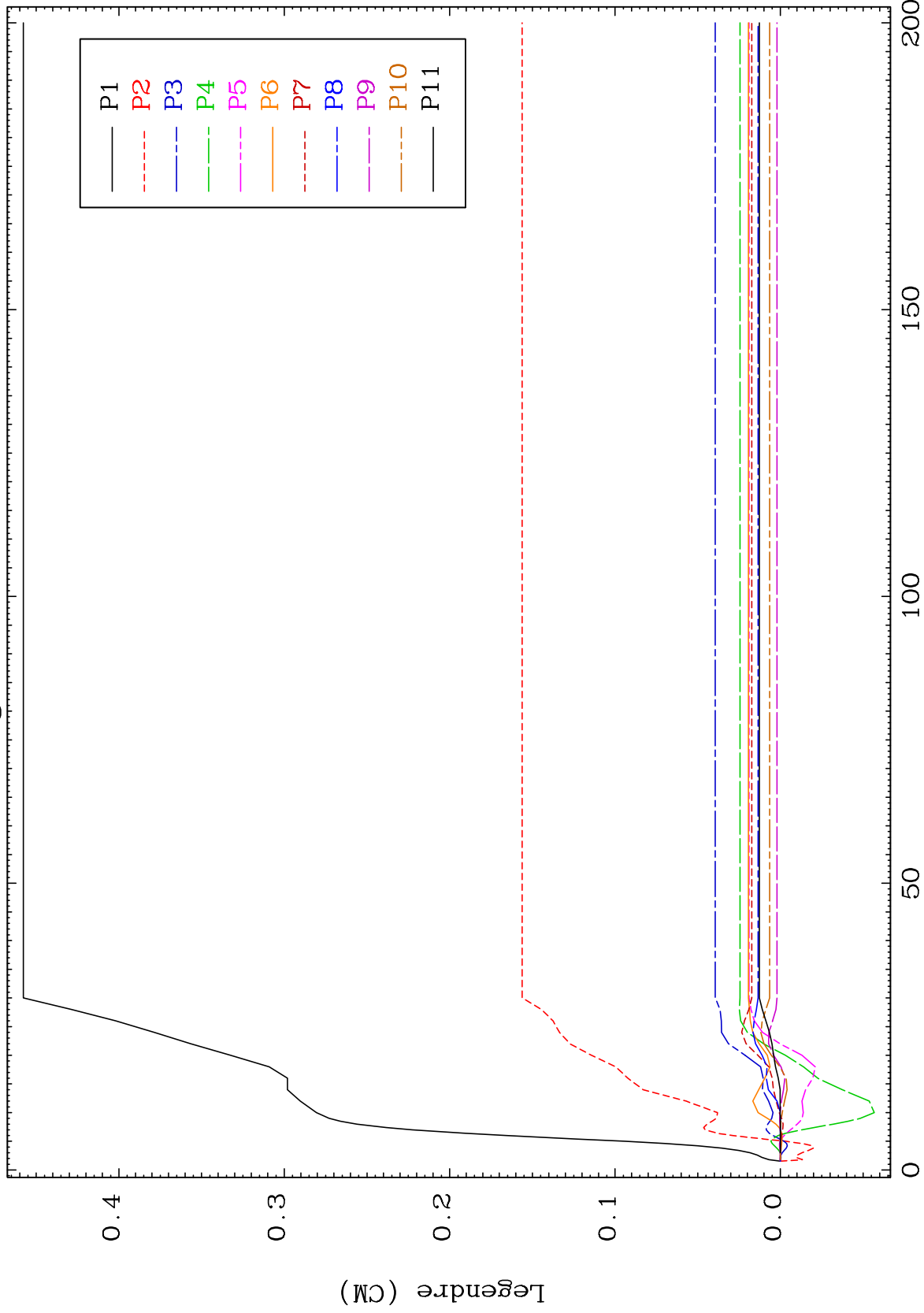




MAT 3143

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

31-Ga-75



31-Ga-75

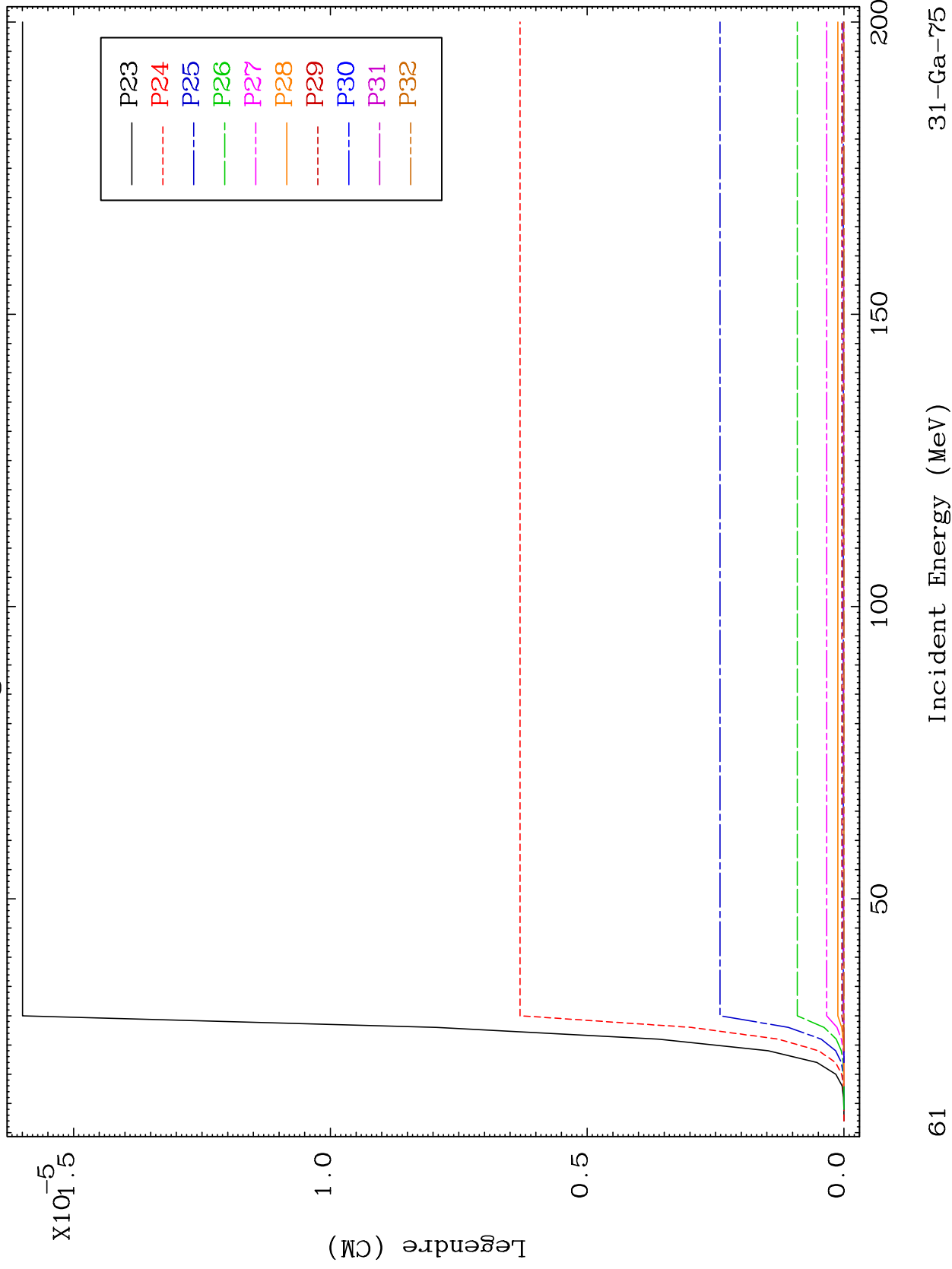
Incident Energy (MeV)

59

MAT 3143

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

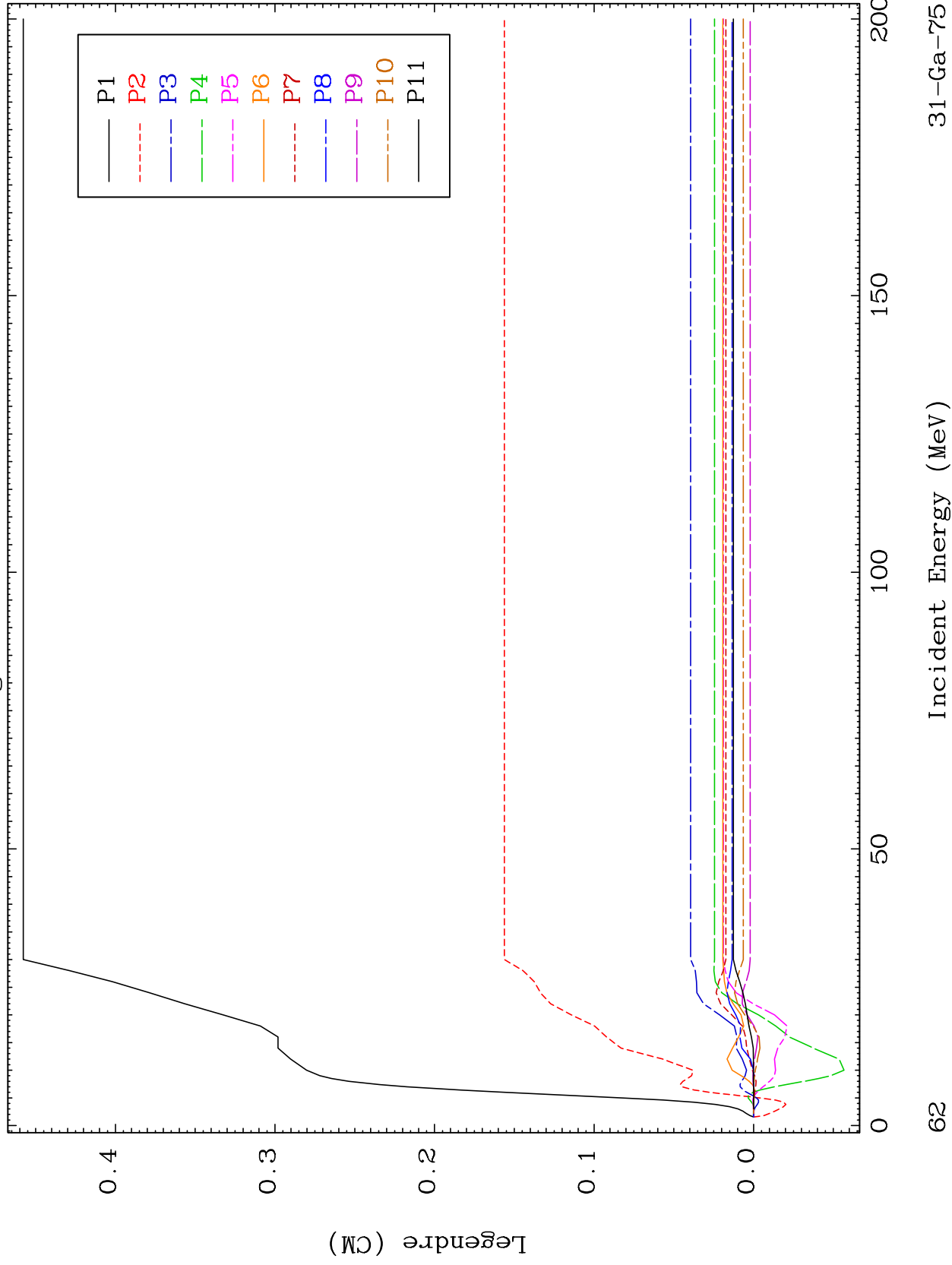
31-Ga-75



MAT 3143

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

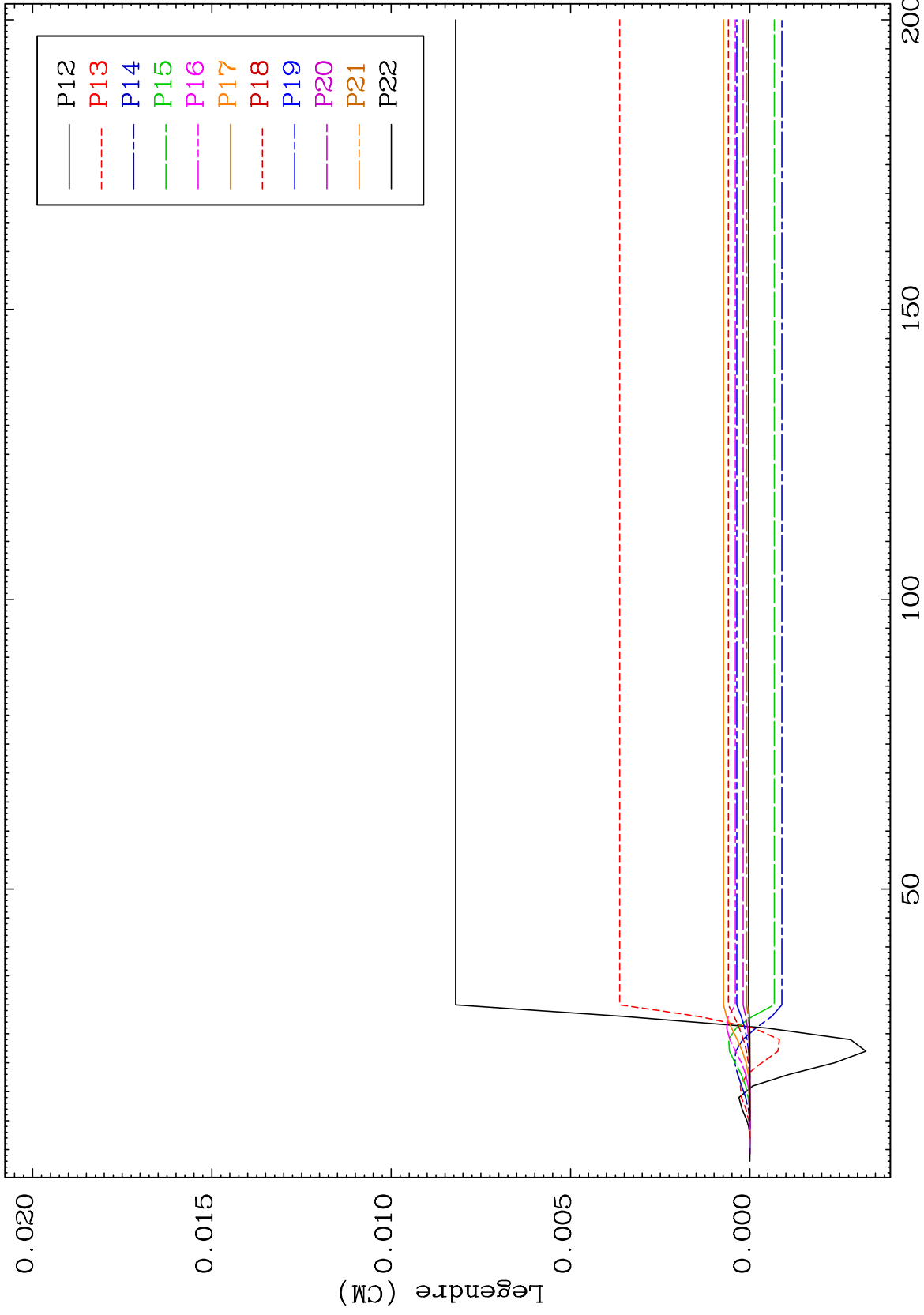
31-Ga-75



MAT 3143

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

31-Ga-75



63

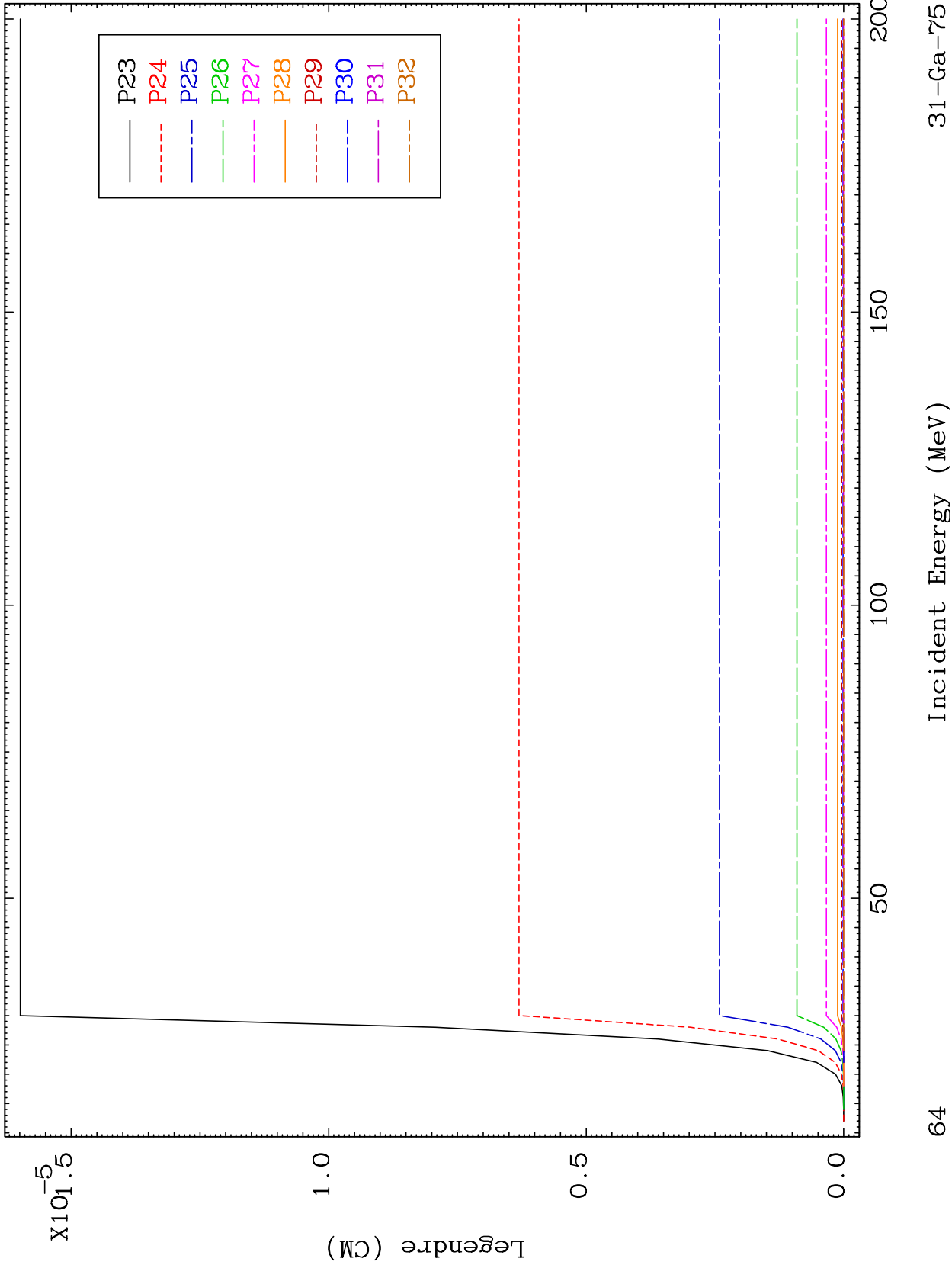
Incident Energy (MeV)

31-Ga-75

MAT 3143

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

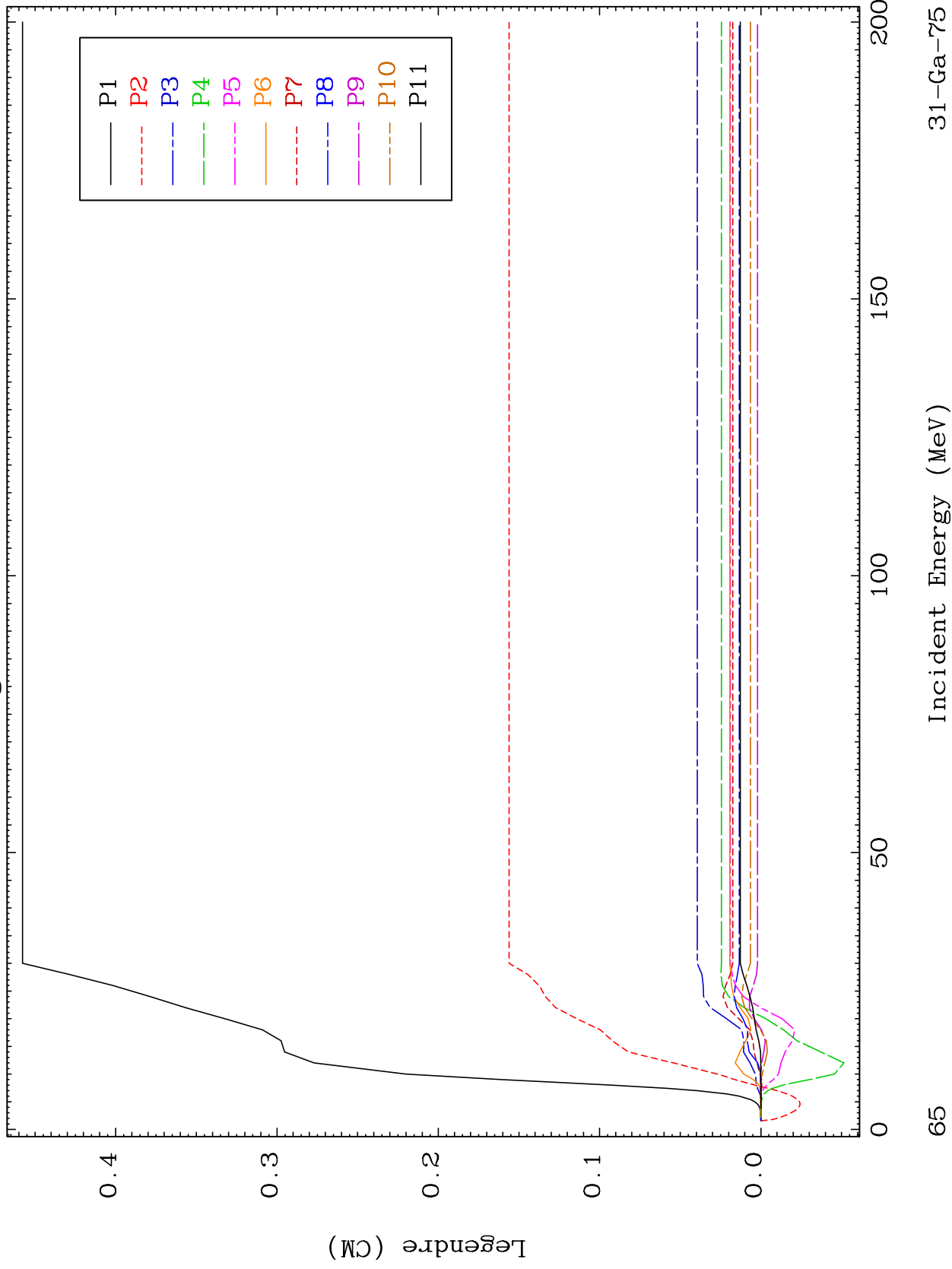
31-Ga-75



MAT 3143

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

31-Ga-75



31-Ga-75

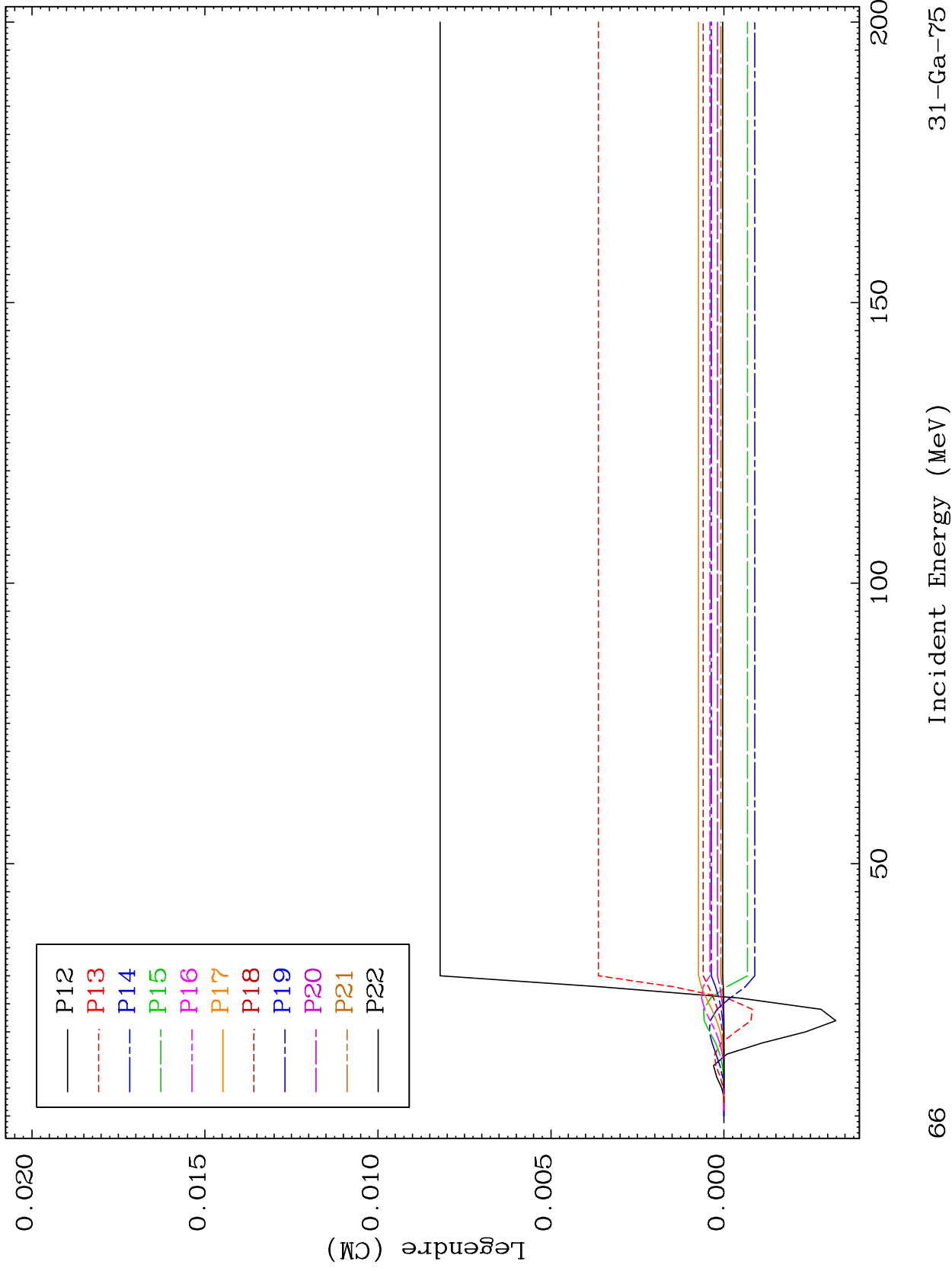
Incident Energy (MeV)

65

MAT 3143

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

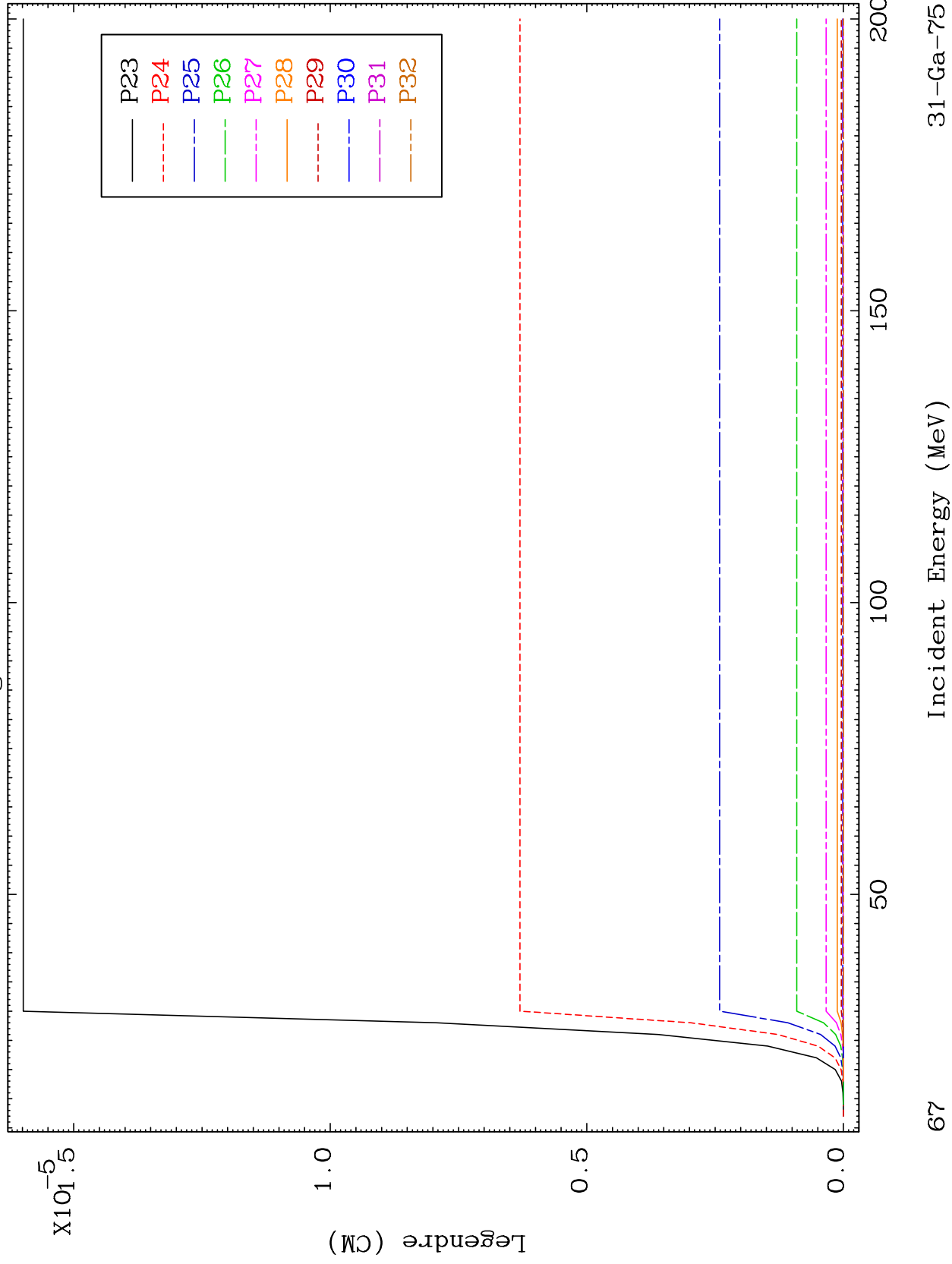
31-Ga-75



MAT 3143

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

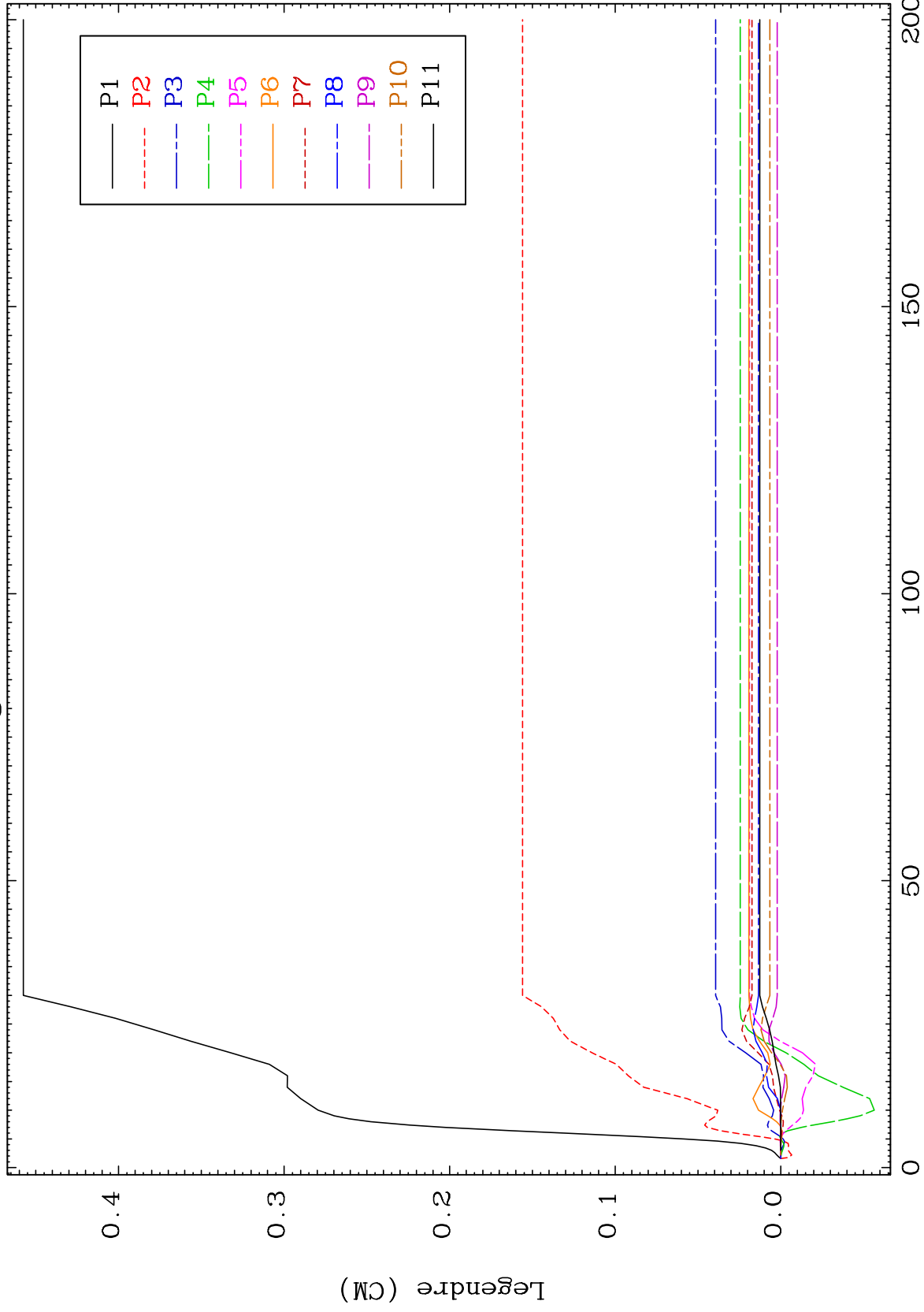
31-Ga-75



MAT 3143

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

31-Ga-75



68

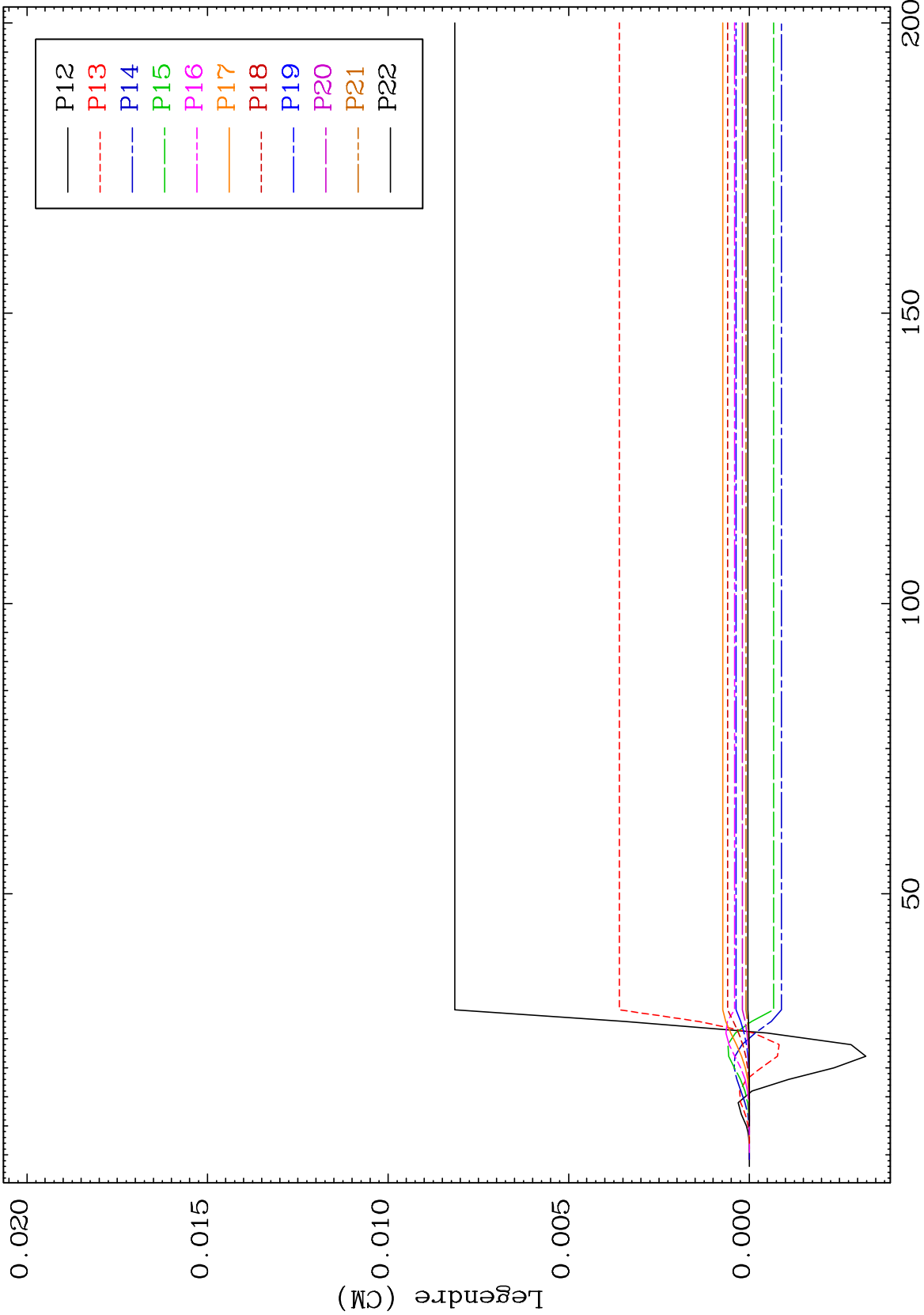
Incident Energy (MeV)

31-Ga-75

MAT 3143

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

³¹Ga-75



69

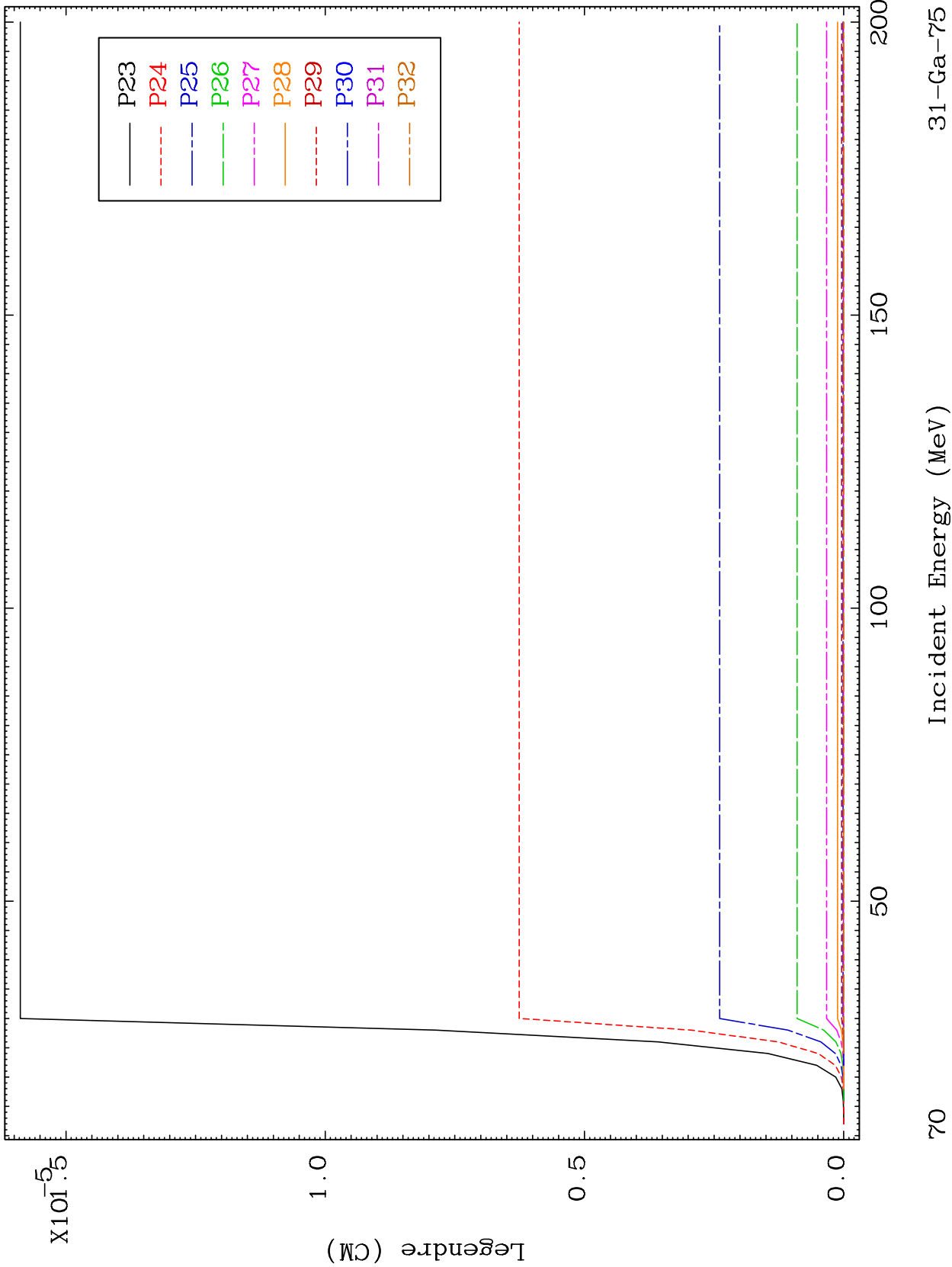
Incident Energy (MeV)

³¹Ga-75

MAT 3143

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

31-Ga-75



70

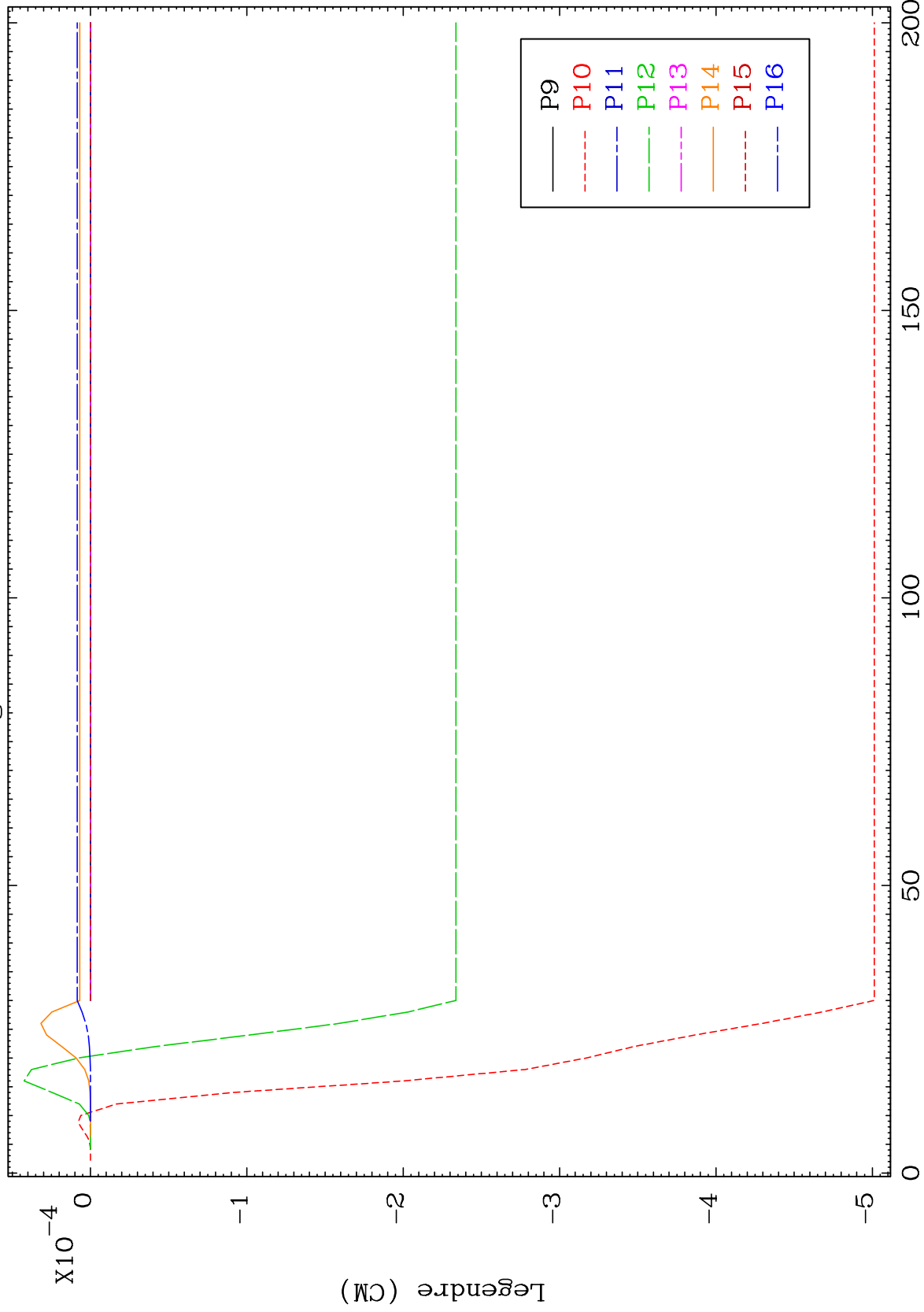
Incident Energy (MeV)

31-Ga-75

MAT 3143

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

31-Ga-75



72

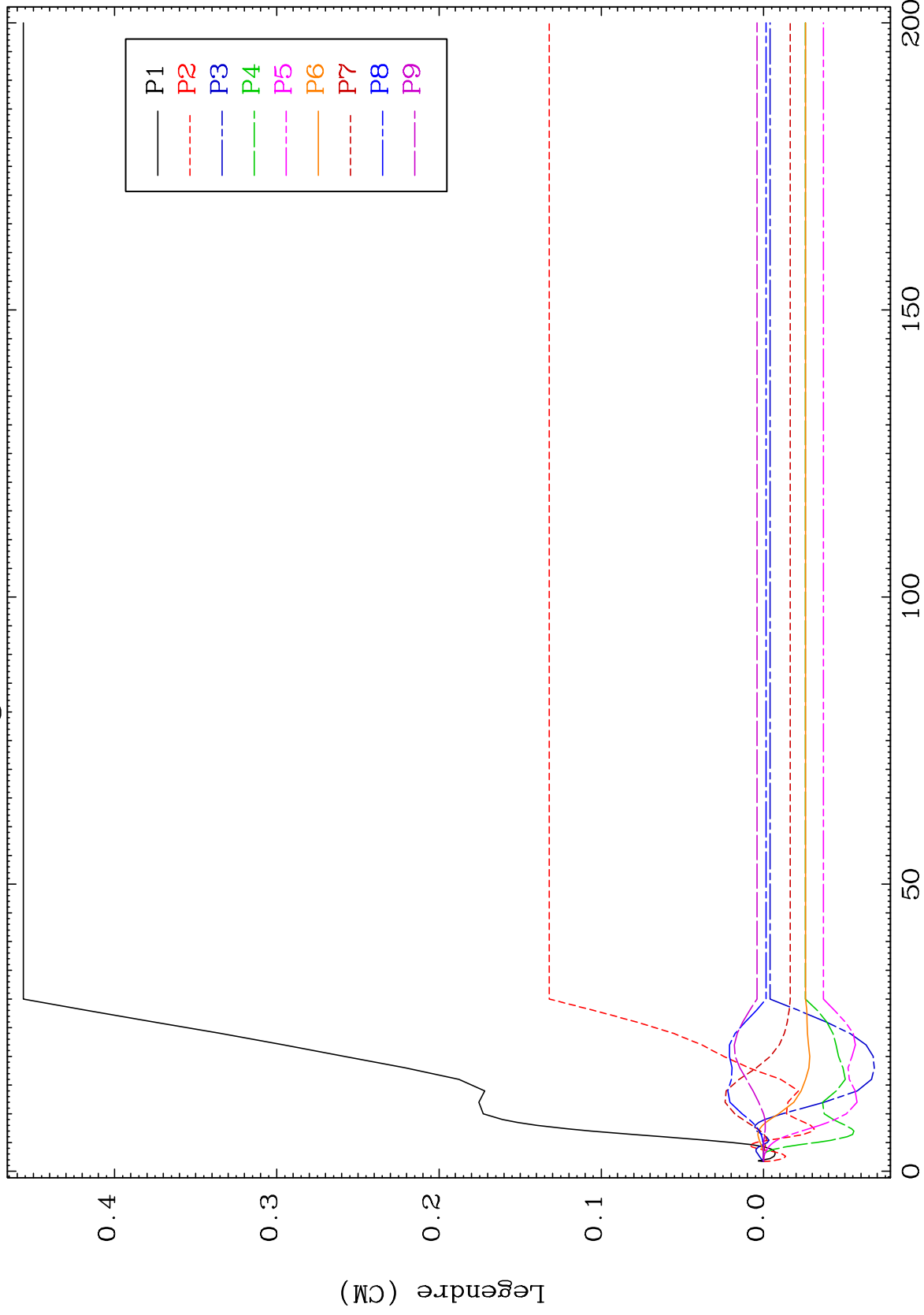
Incident Energy (MeV)

31-Ga-75

MAT 3143

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

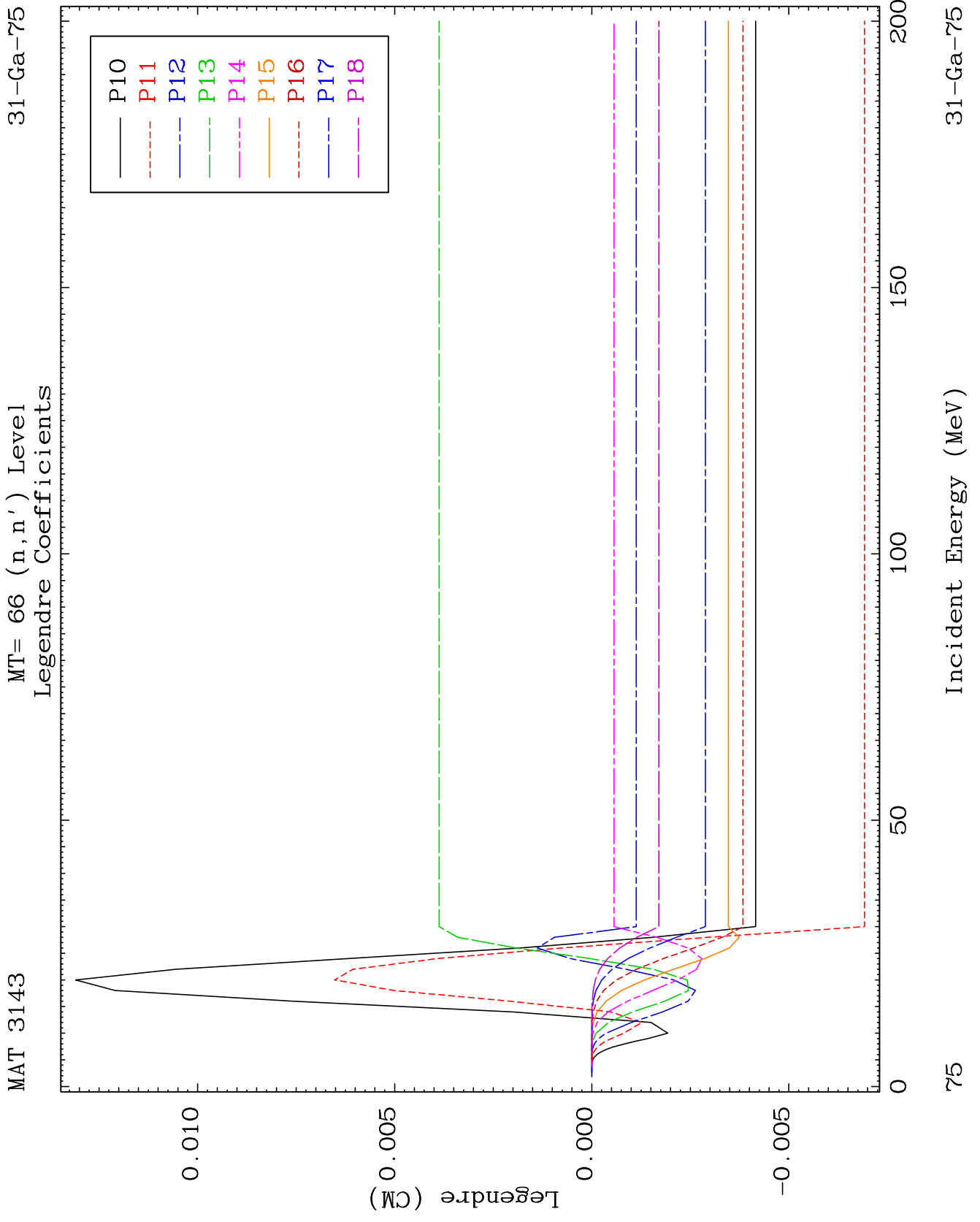
31-Ga-75

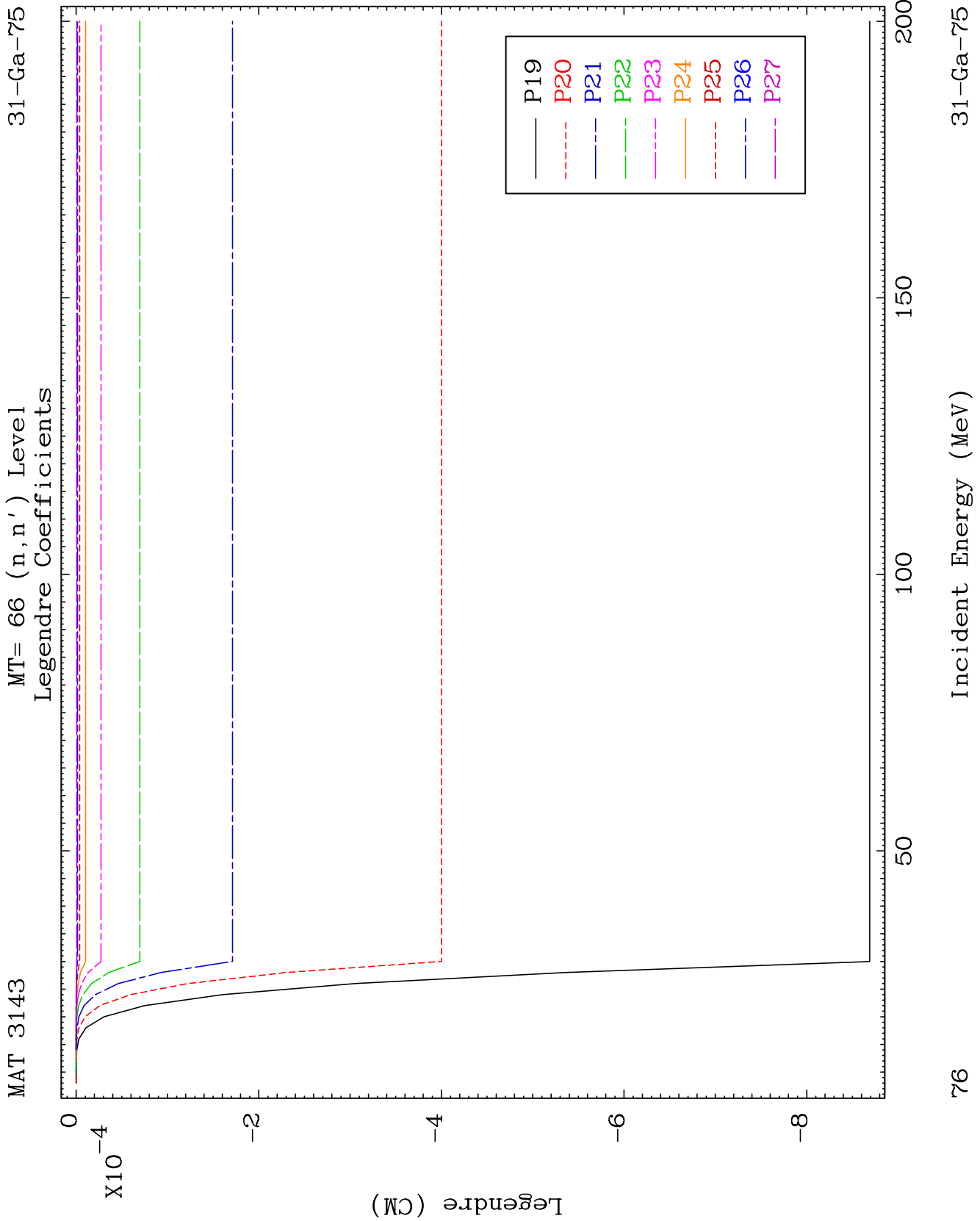


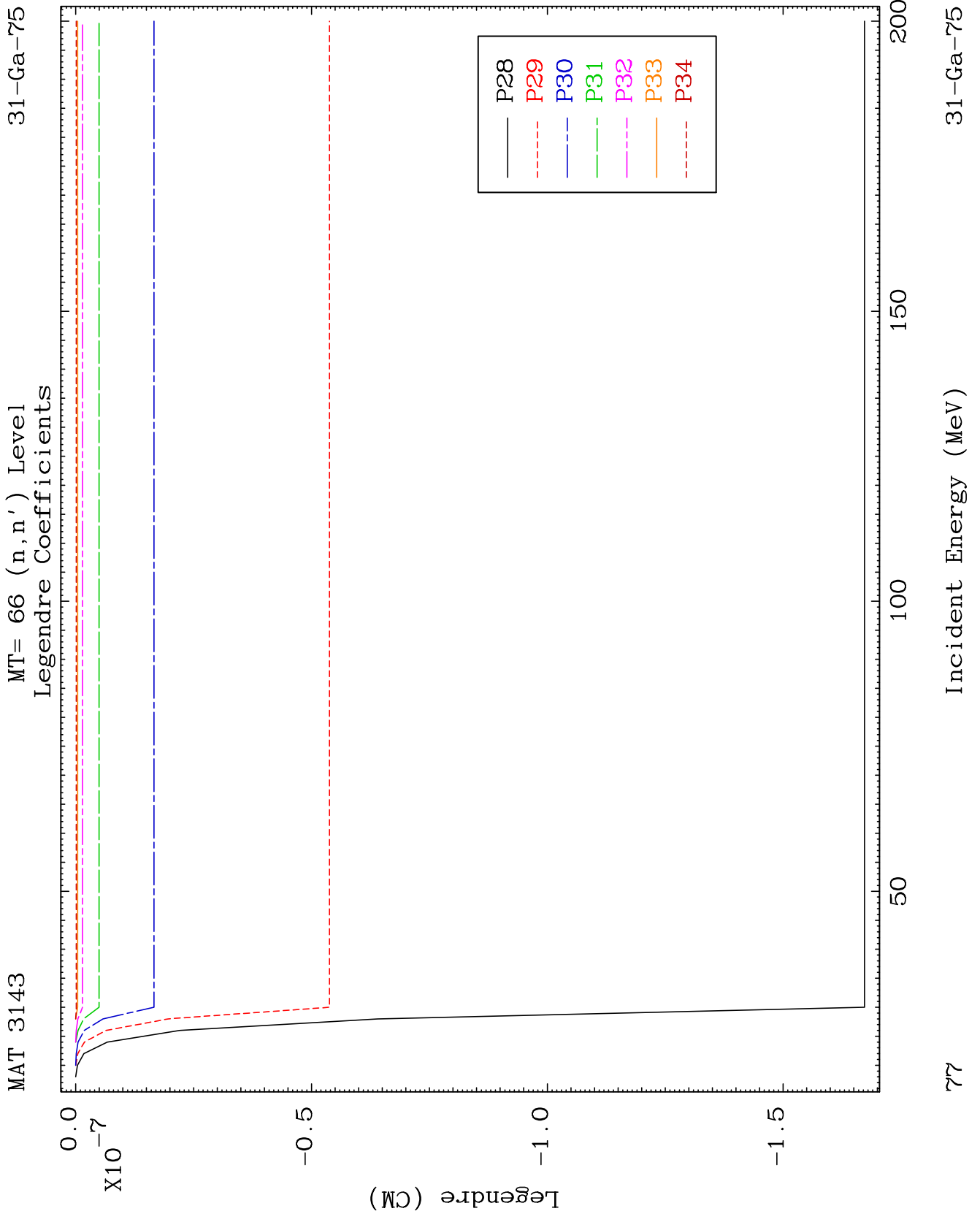
74

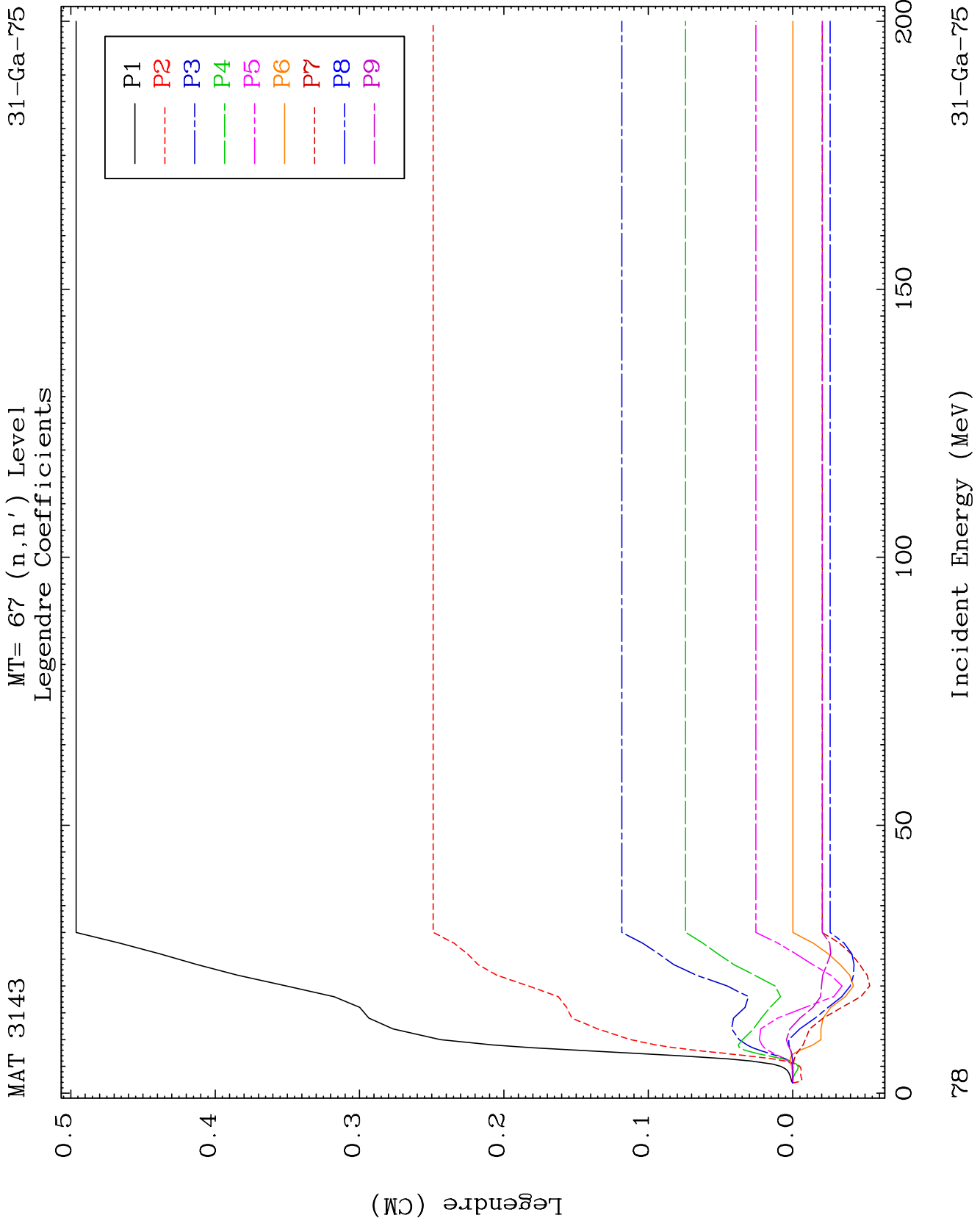
Incident Energy (MeV)

31-Ga-75





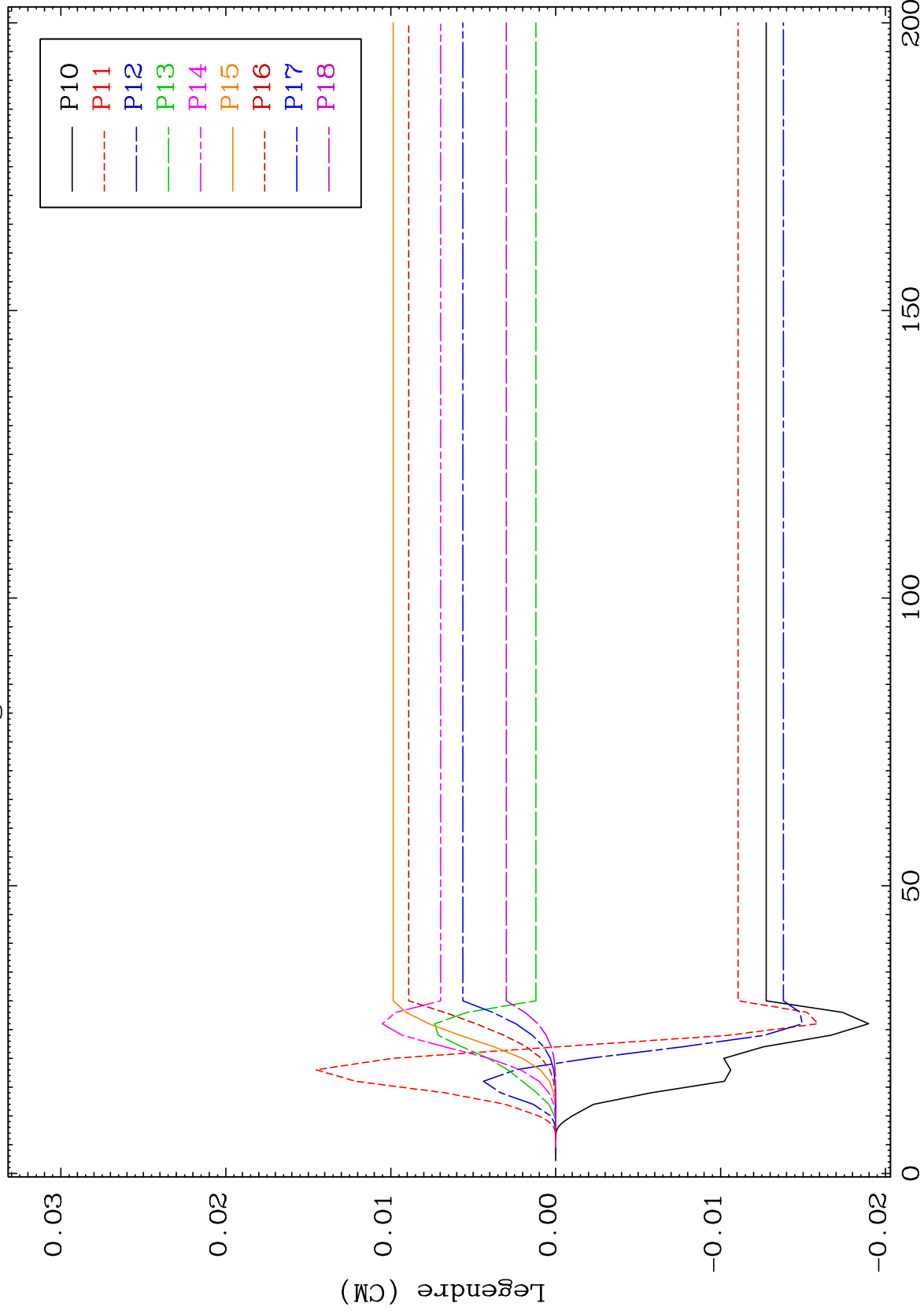




MAT 3143

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

³¹Ga-75



79

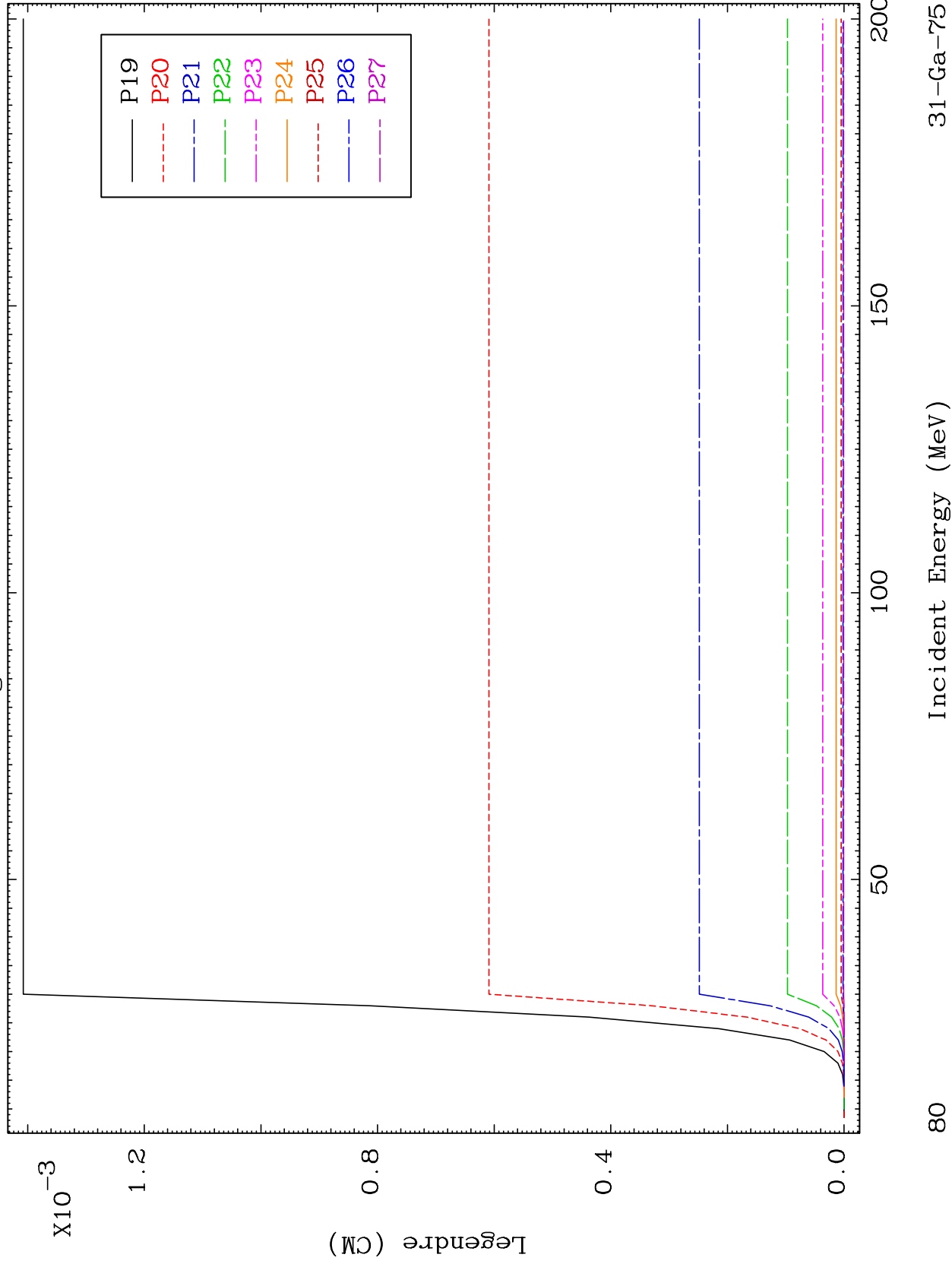
Incident Energy (MeV)

³¹Ga-75

MAT 3143

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

³¹Ga-75

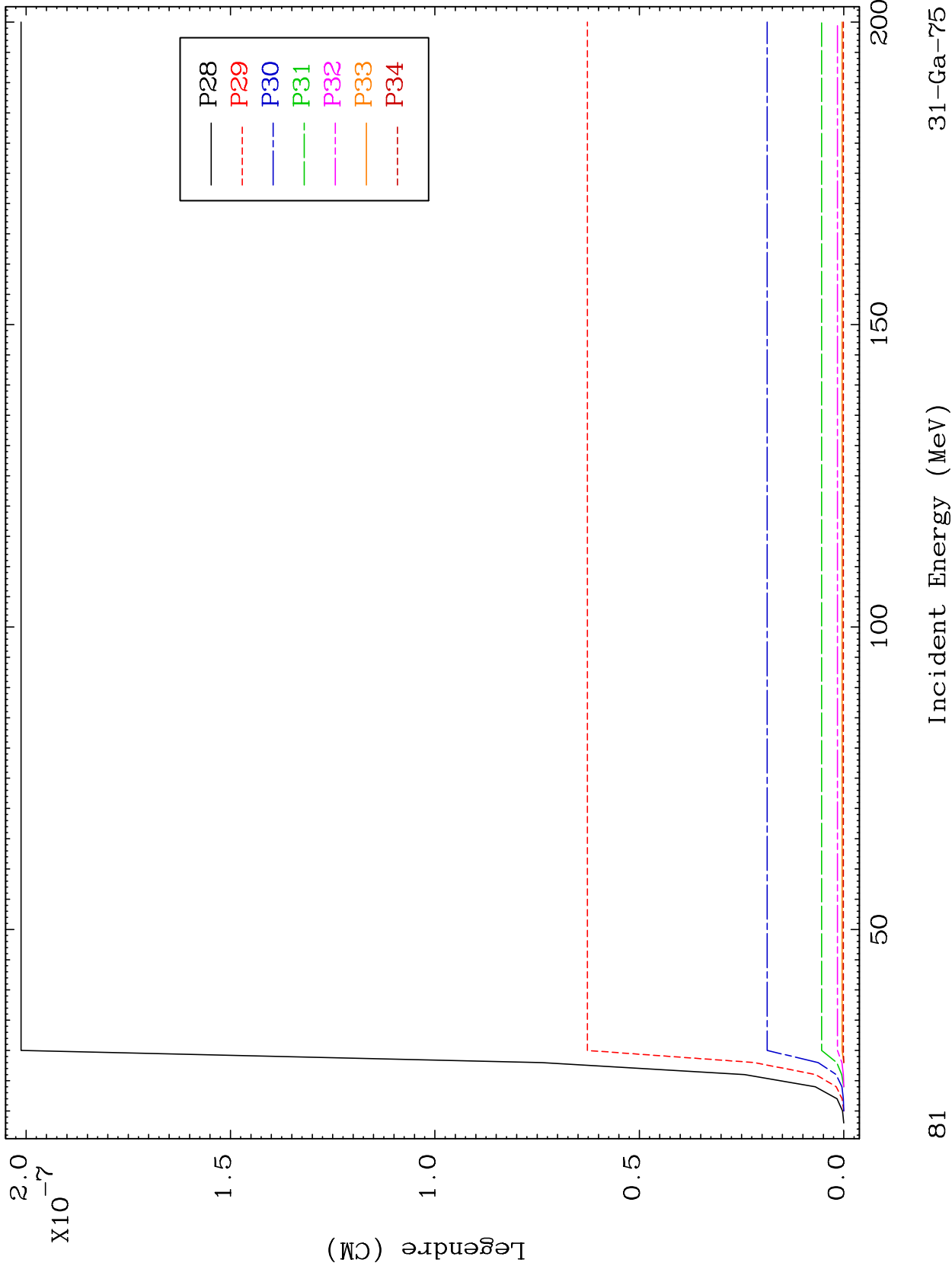


³¹Ga-75

MAT 3143

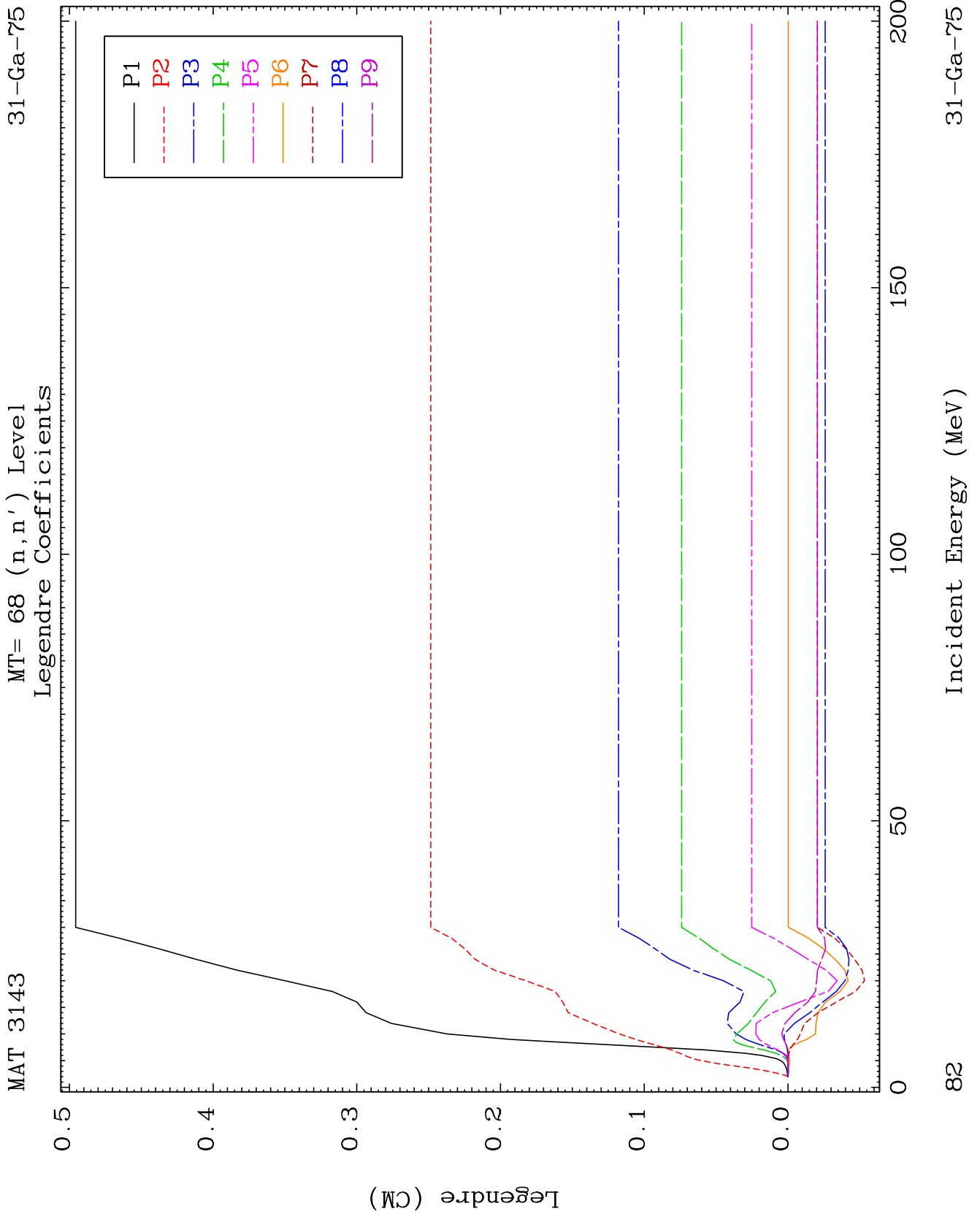
MT= 67 (n,n') Level
Legendre Coefficients

31-Ga-75



81

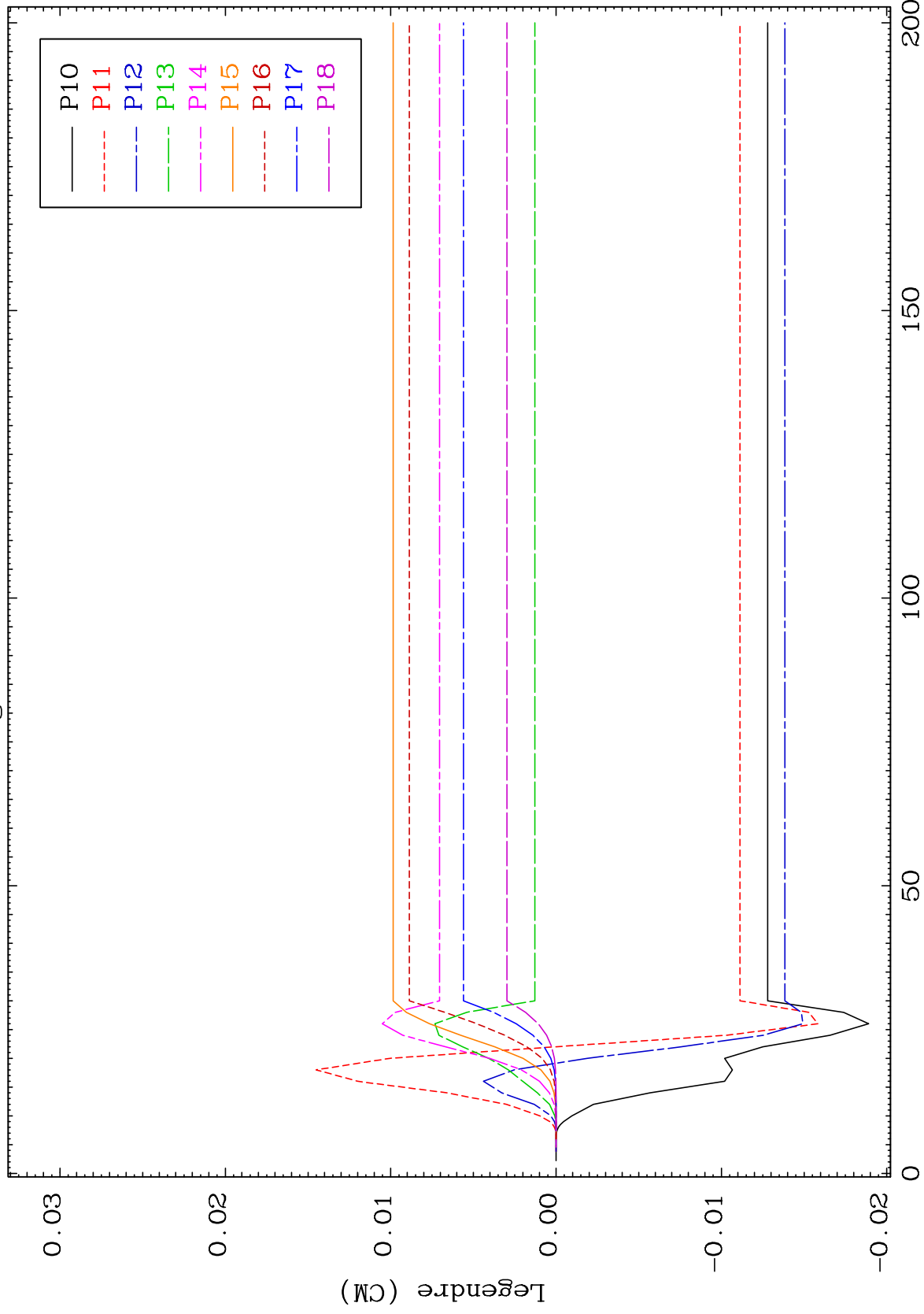
31-Ga-75



MAT 3143

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

³¹Ga-75



83

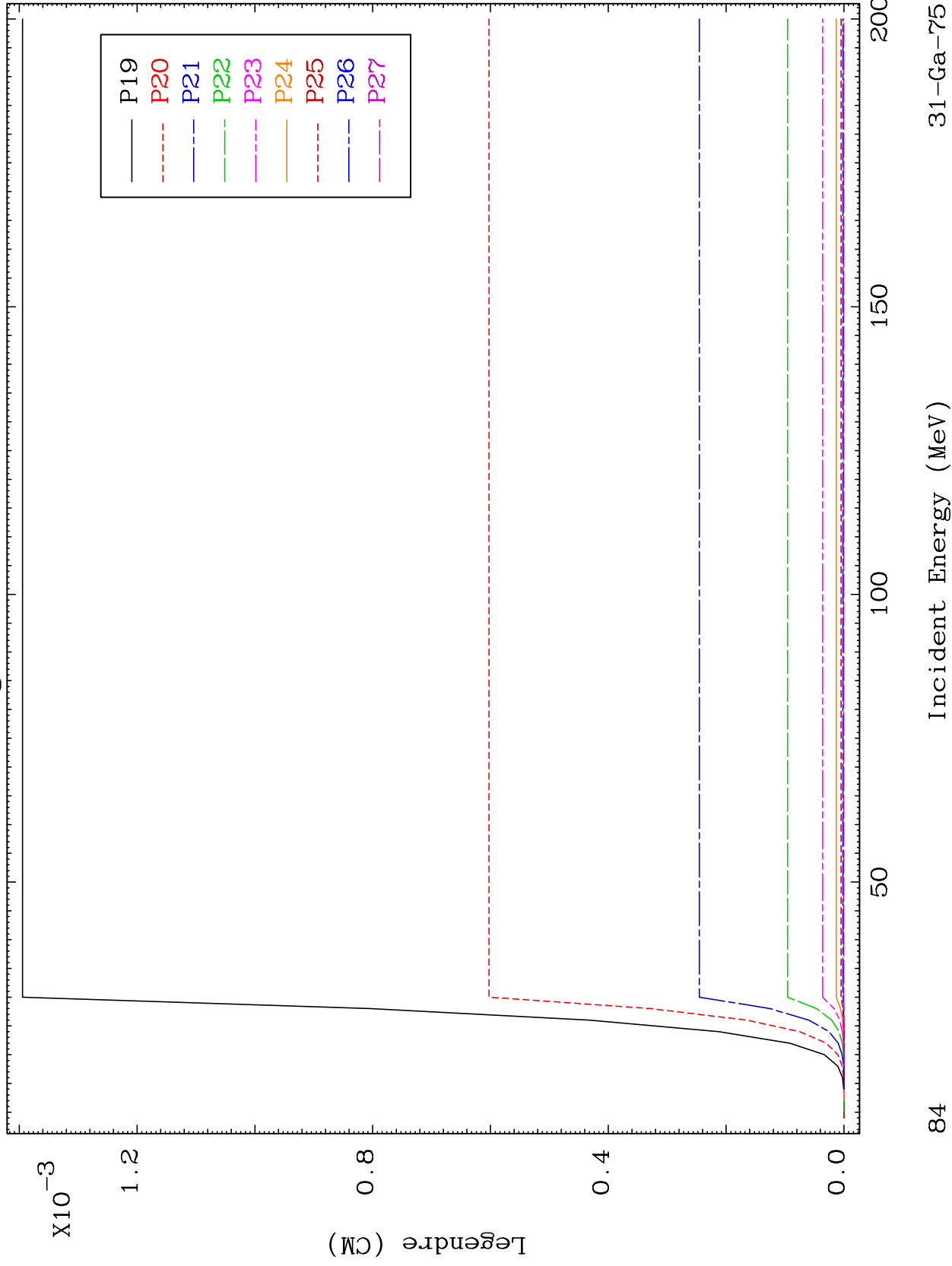
Incident Energy (MeV)

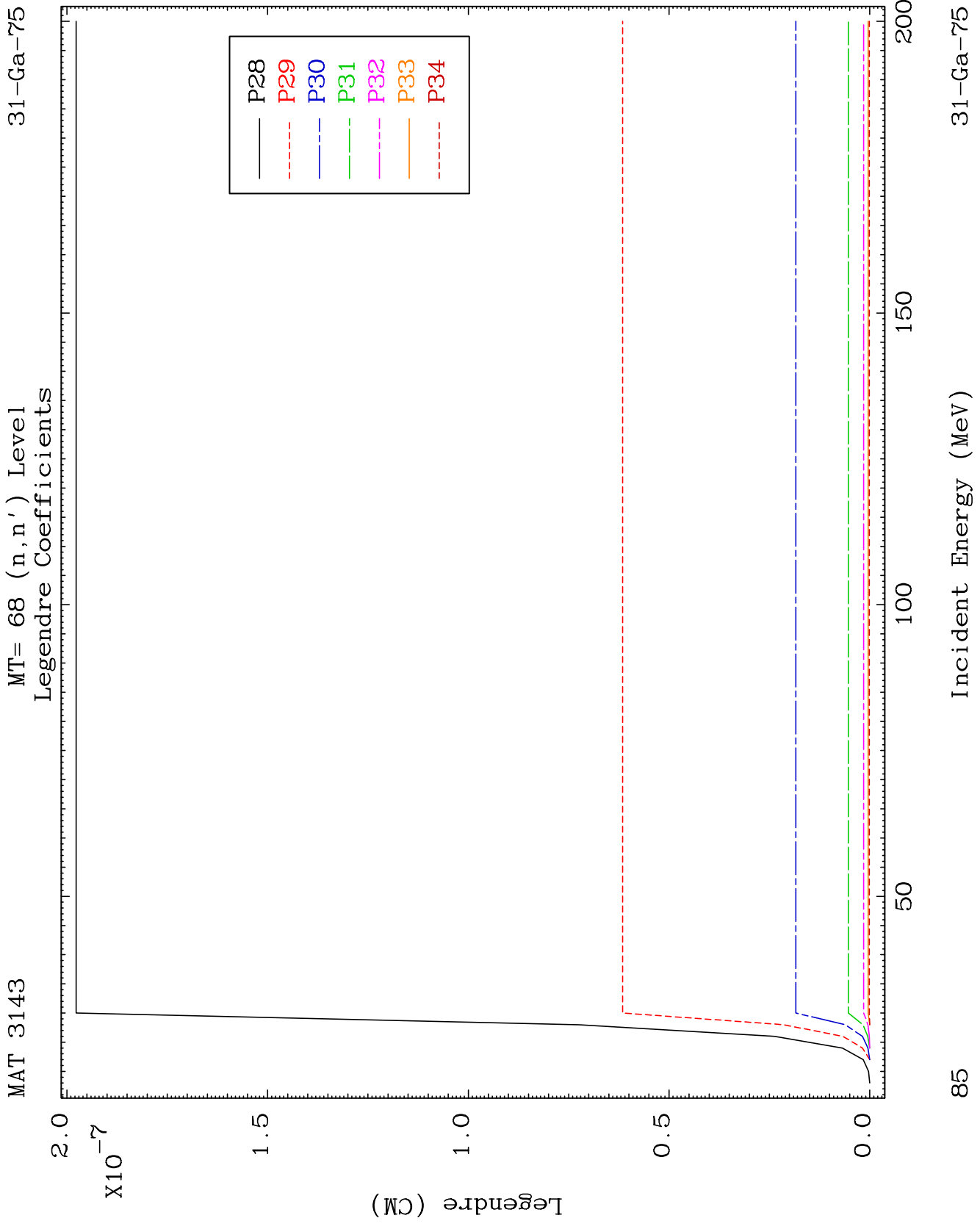
³¹Ga-75

MAT 3143

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

31-Ga-75

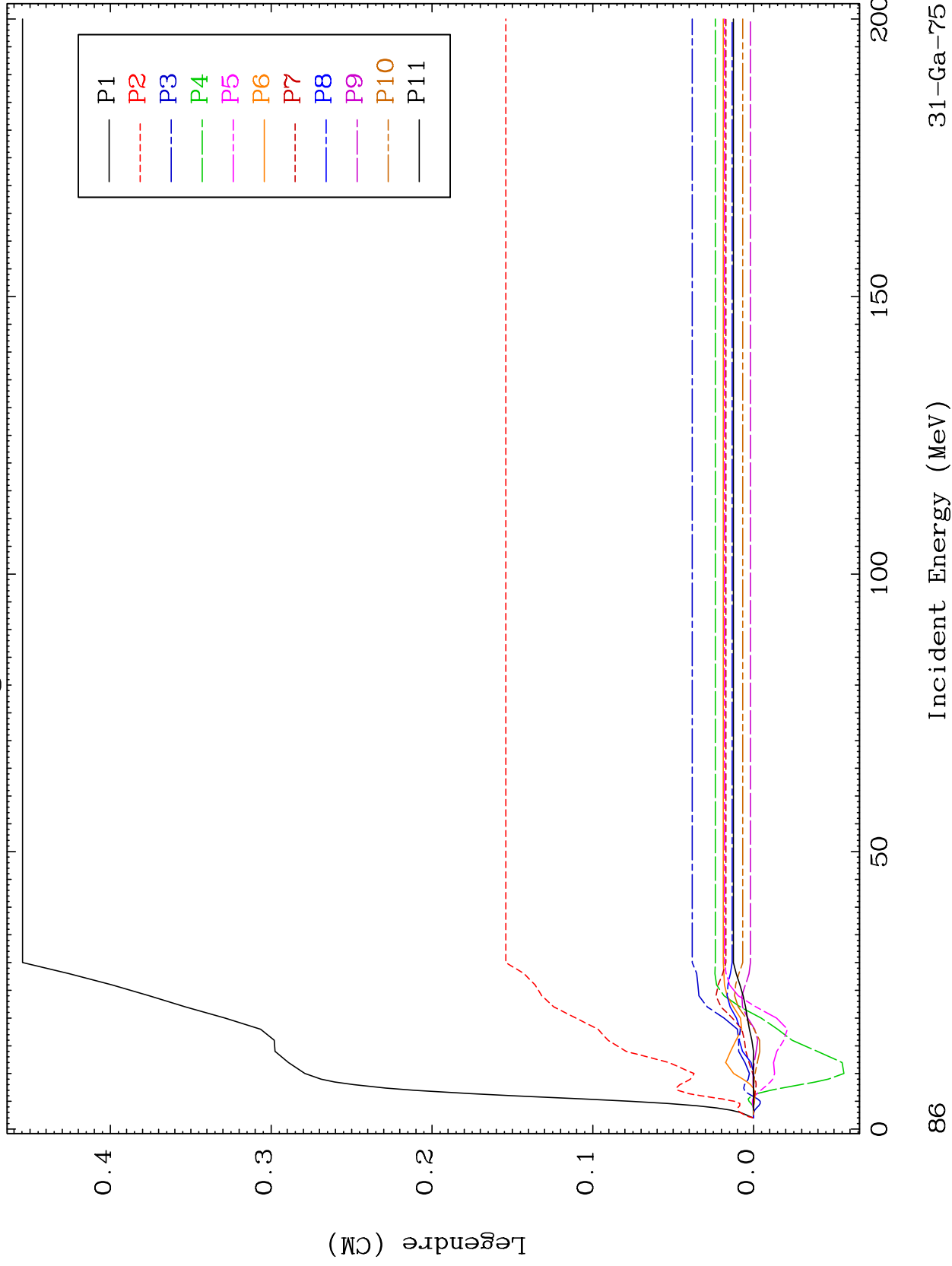




MAT 3143

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

31-Ga-75



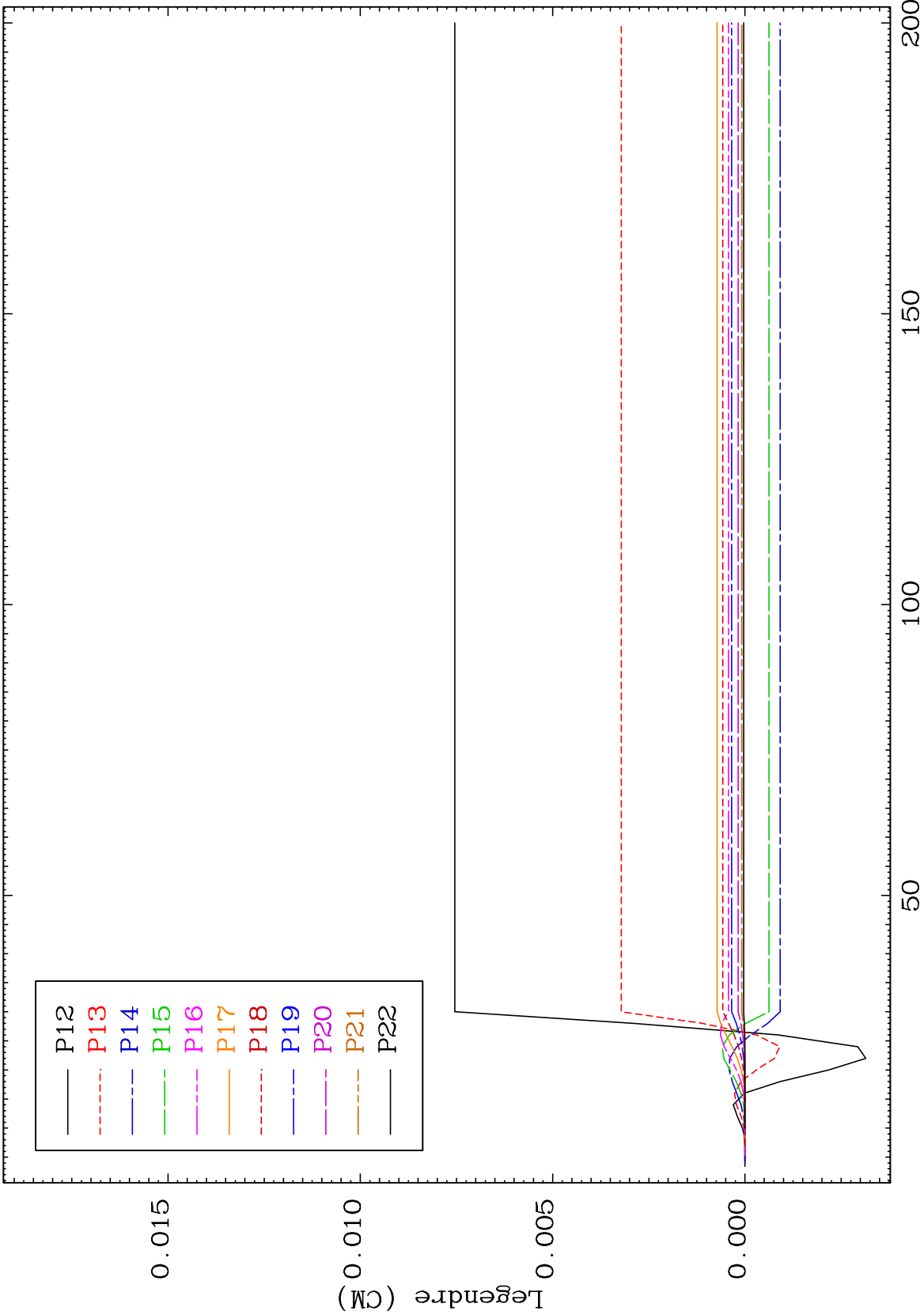
86

31-Ga-75

MAT 3143

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

31-Ga-75



87

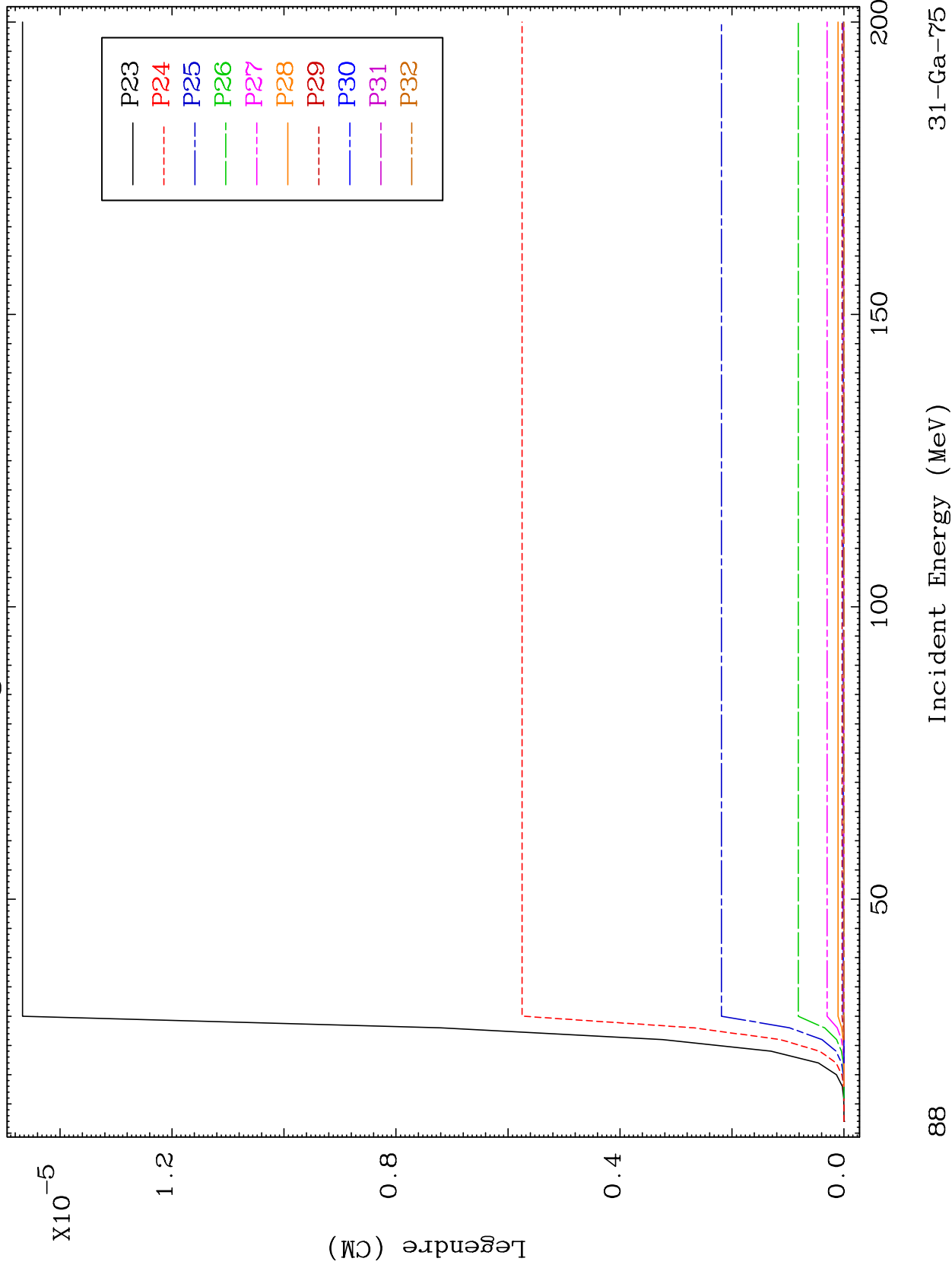
Incident Energy (MeV)

31-Ga-75

MAT 3143

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

31-Ga-75



88

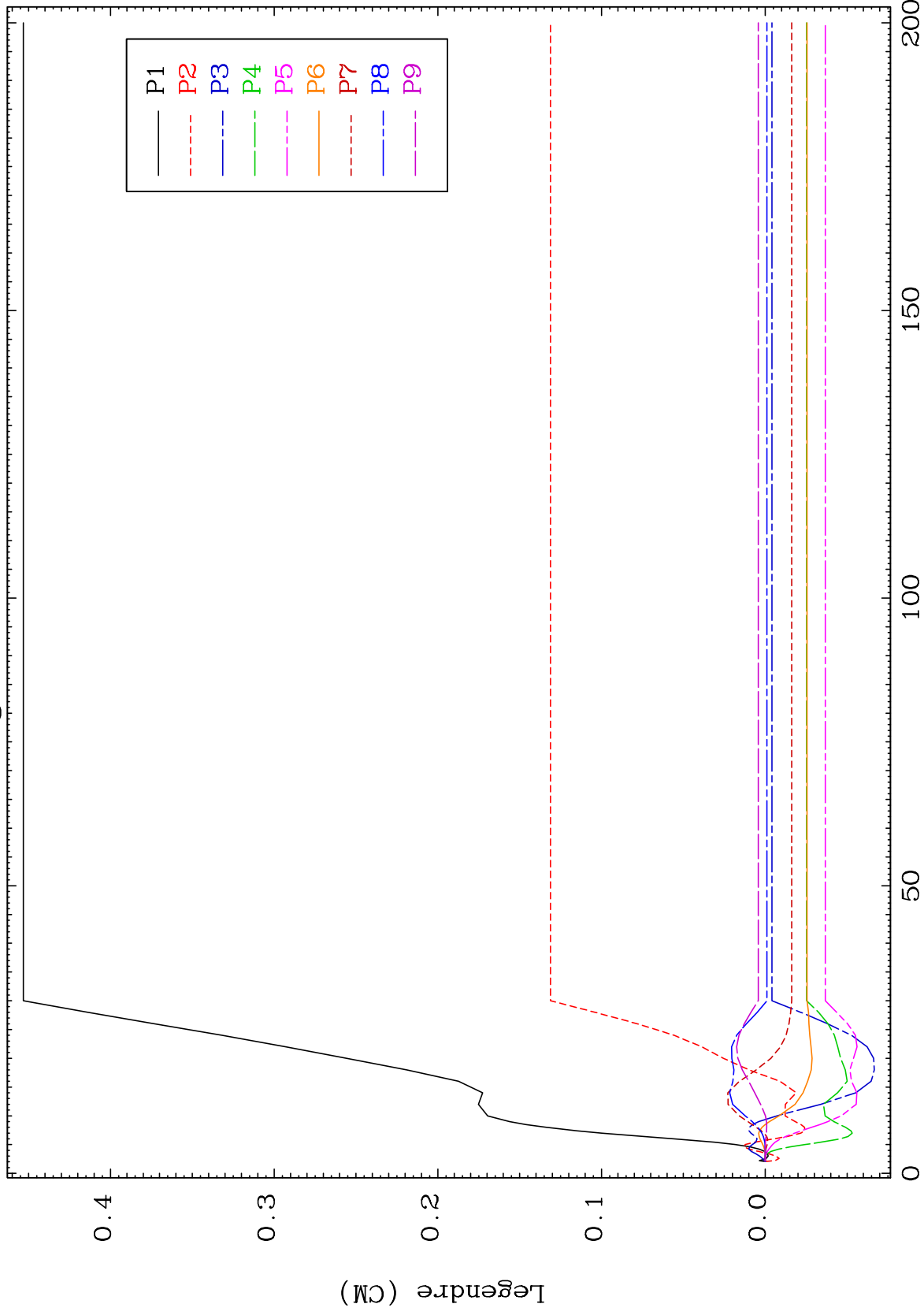
Incident Energy (MeV)

31-Ga-75

MAT 3143

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

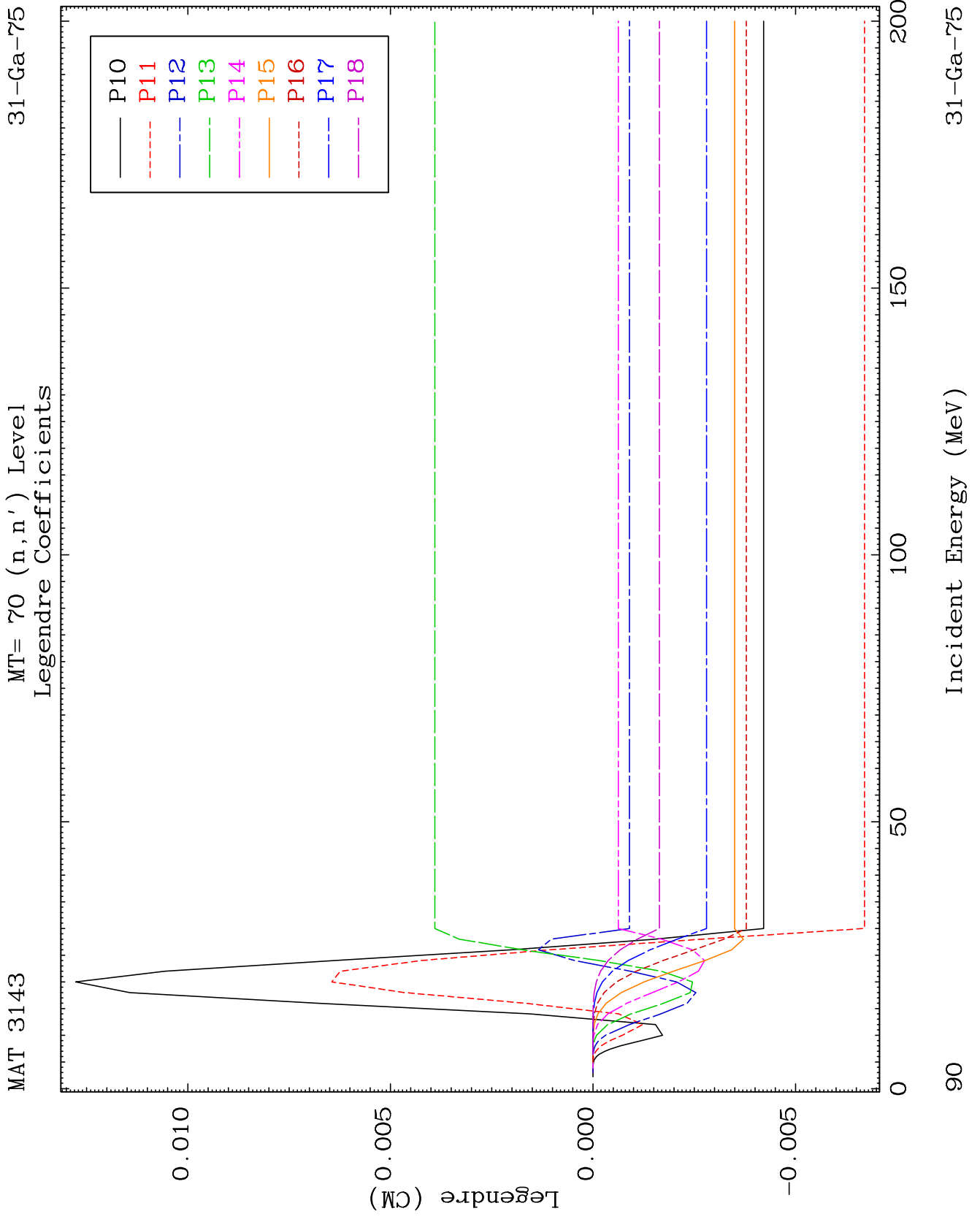
31-Ga-75

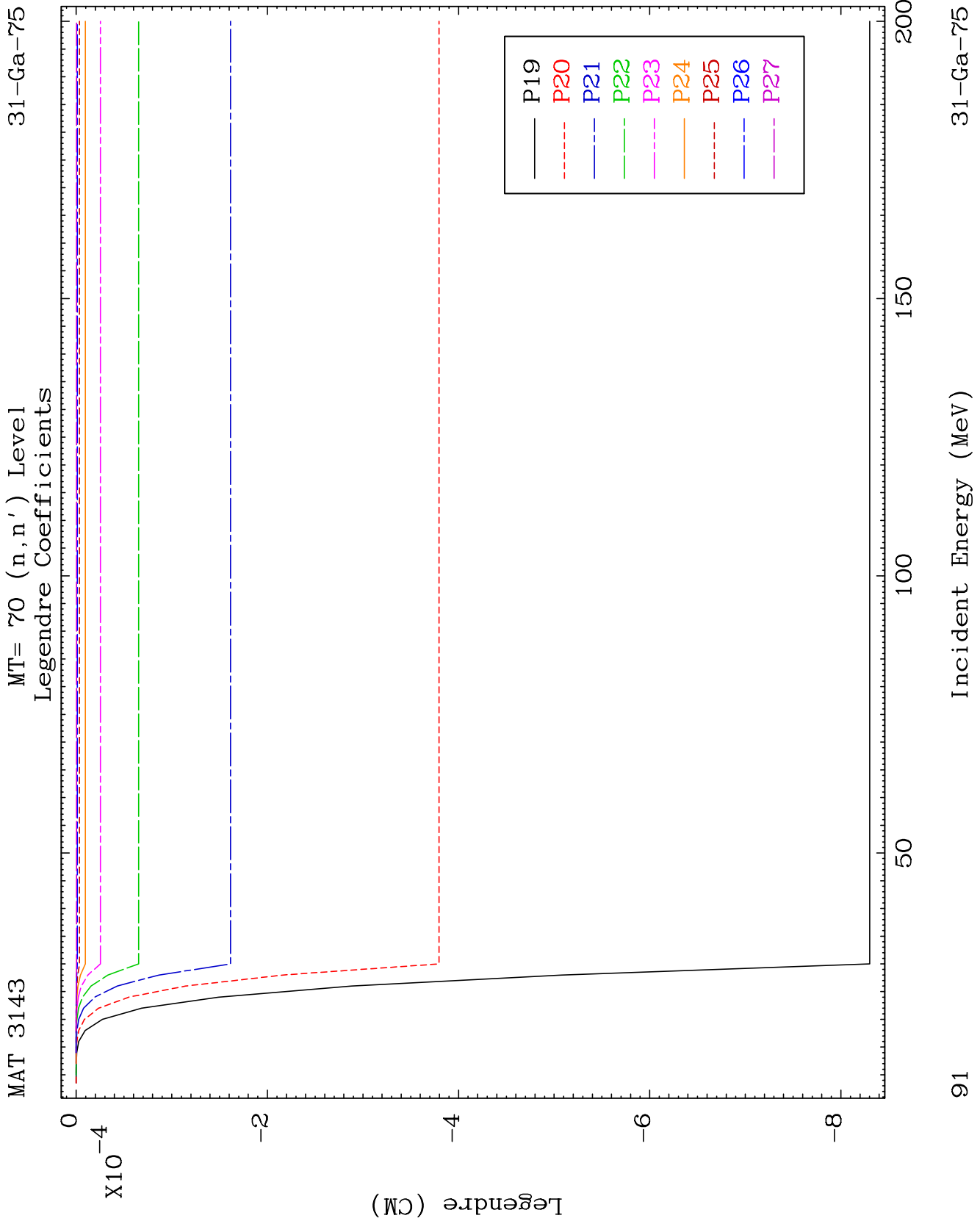


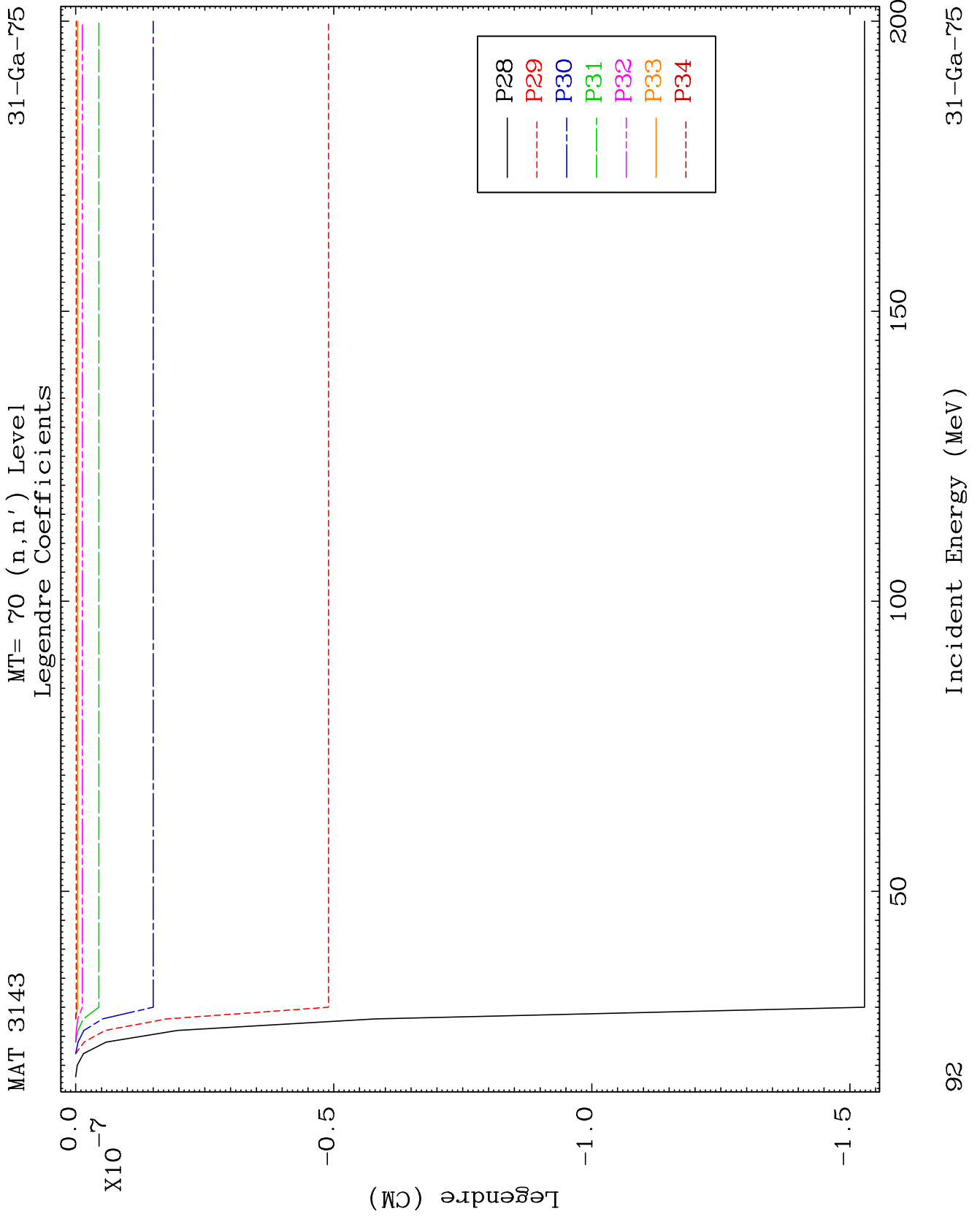
89

Incident Energy (MeV)

31-Ga-75



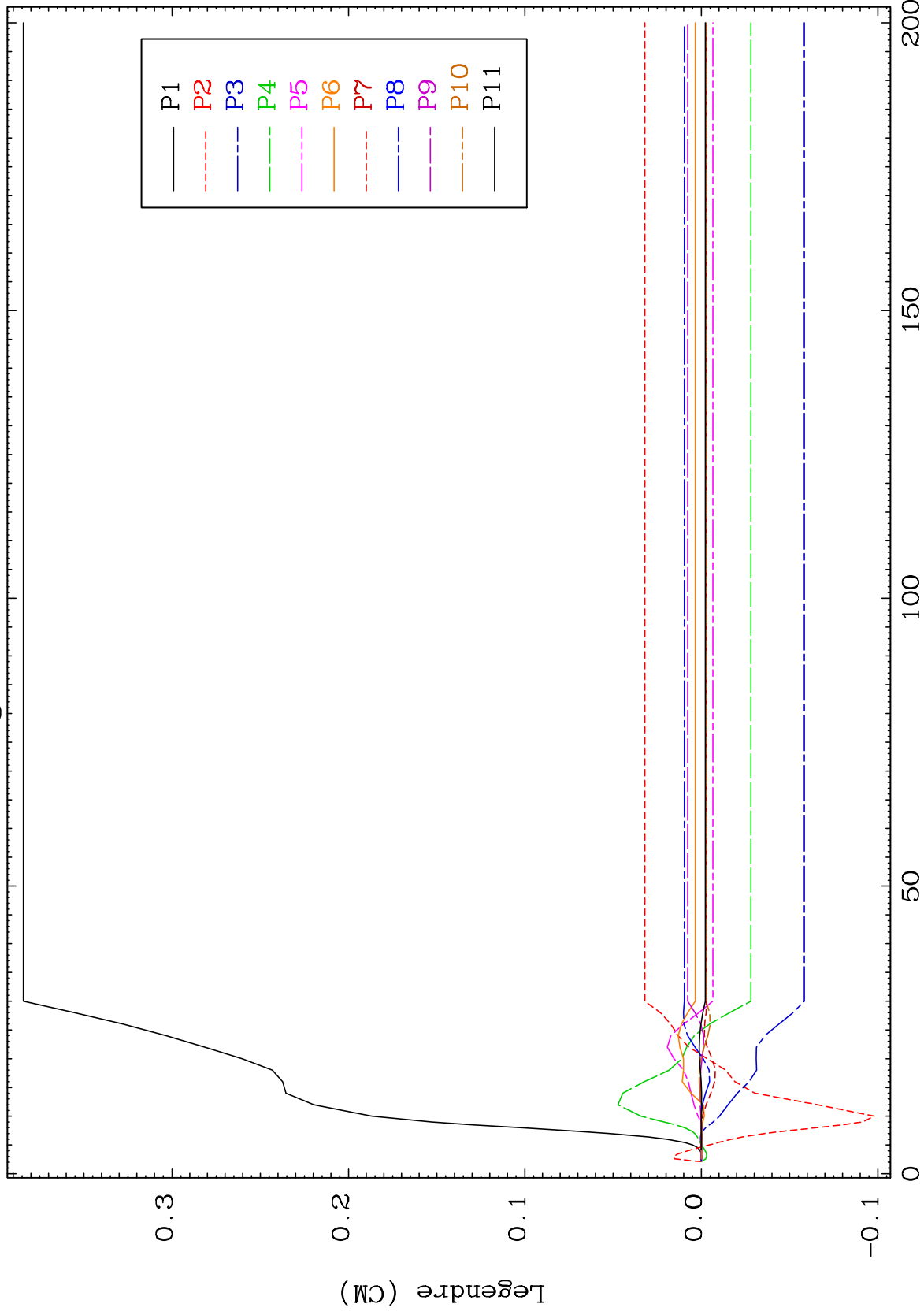




MAT 3143

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

31-Ga-75



93

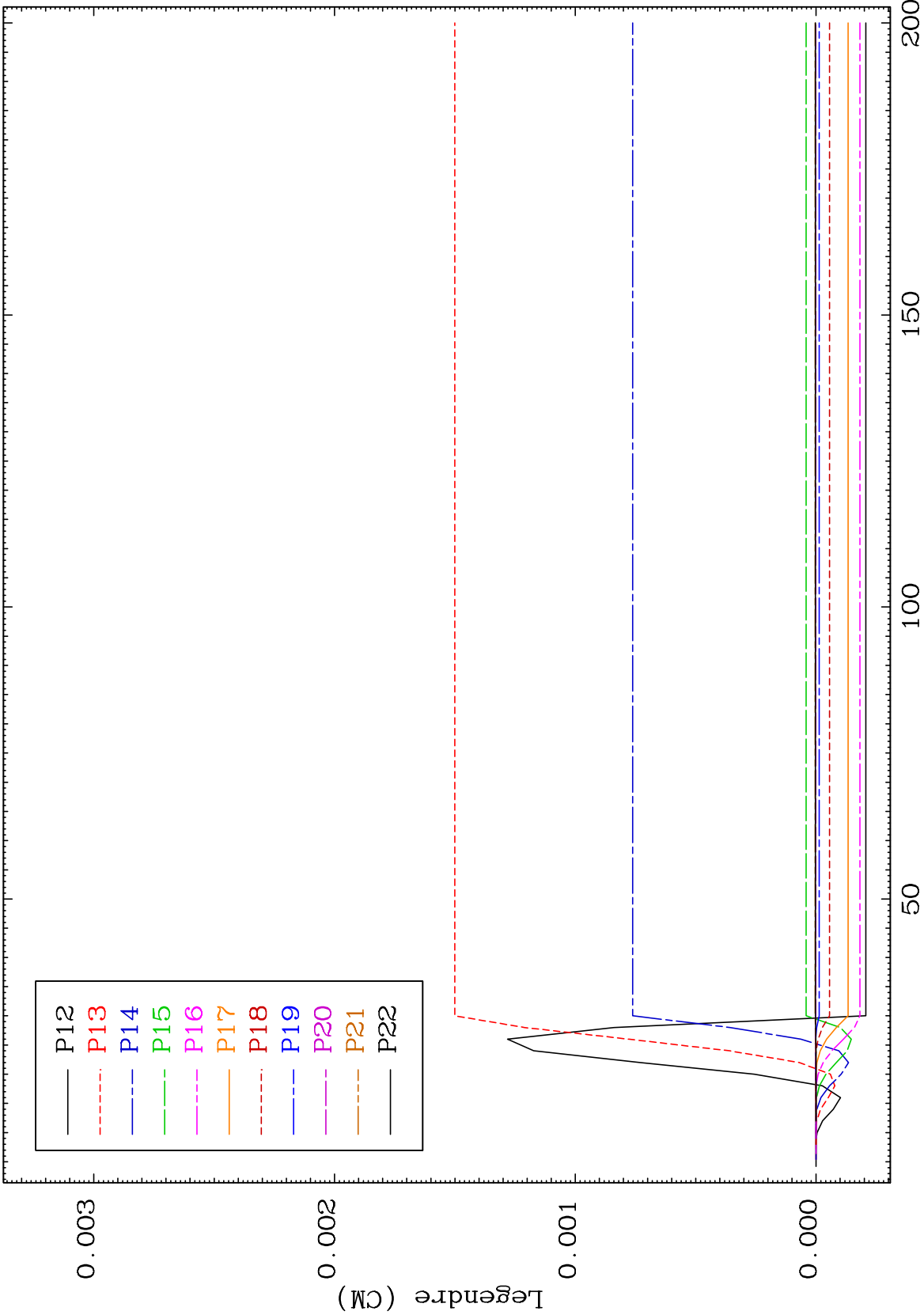
Incident Energy (MeV)

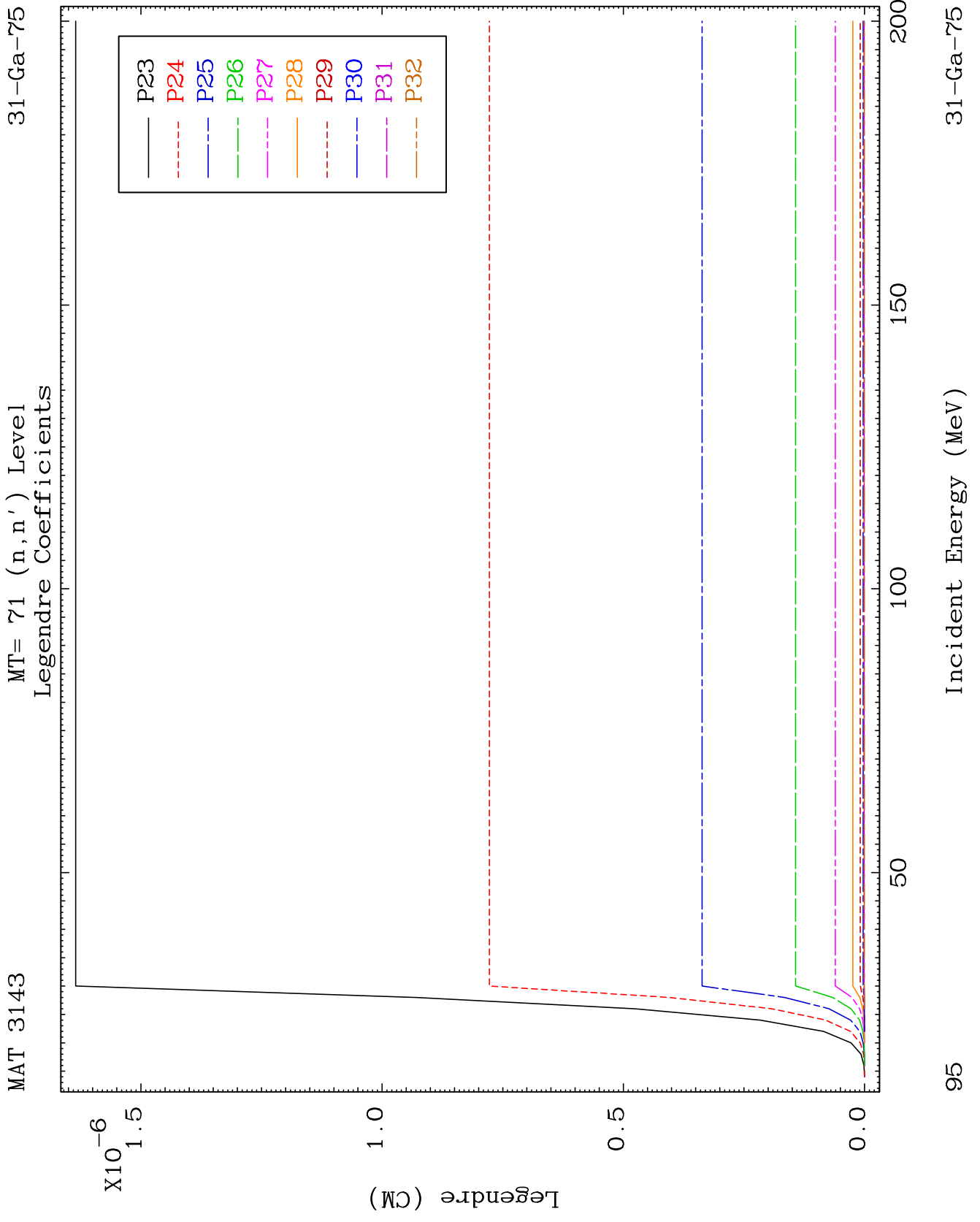
31-Ga-75

MAT 3143

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

31-Ga-75

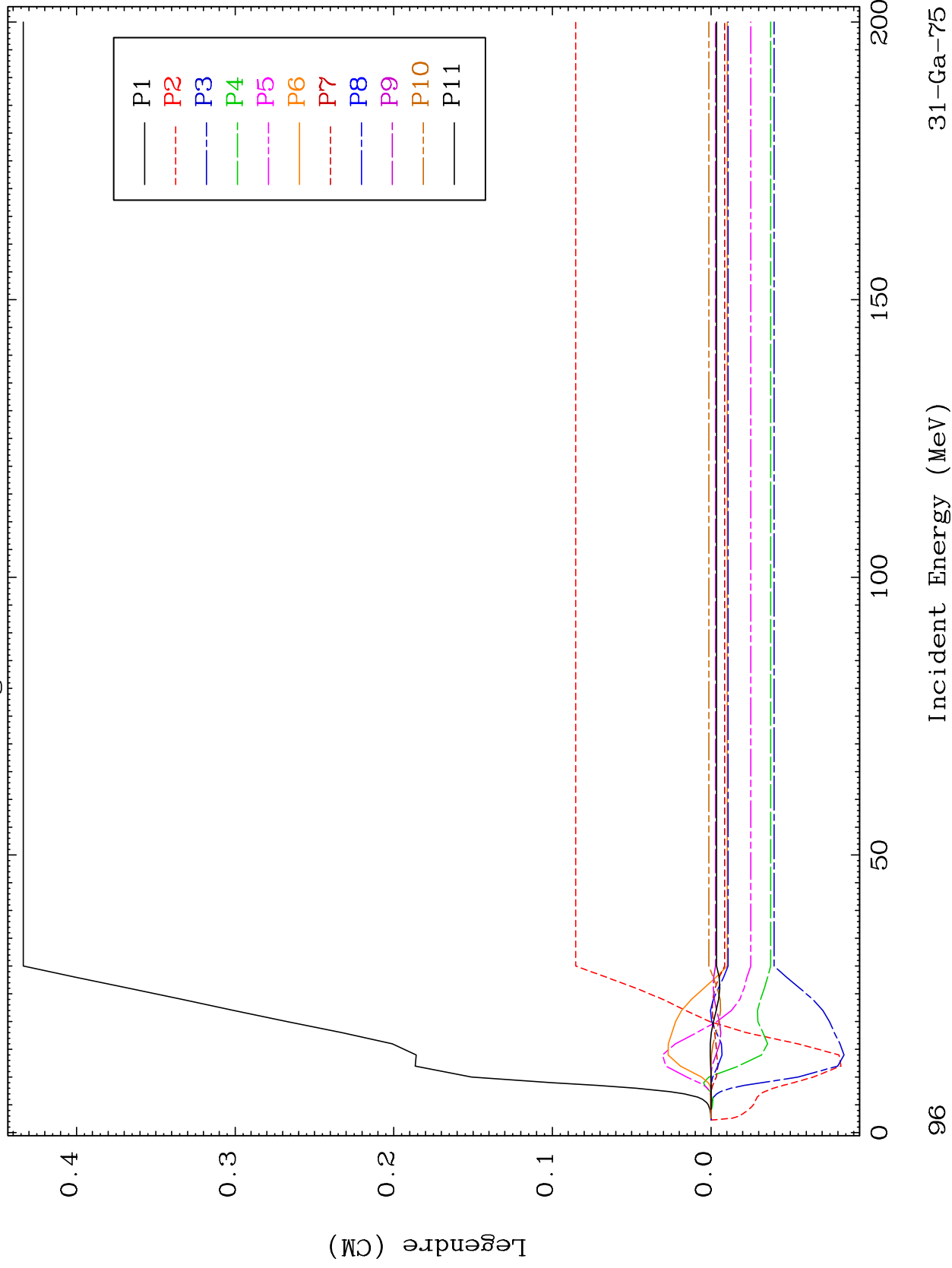




MAT 3143

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

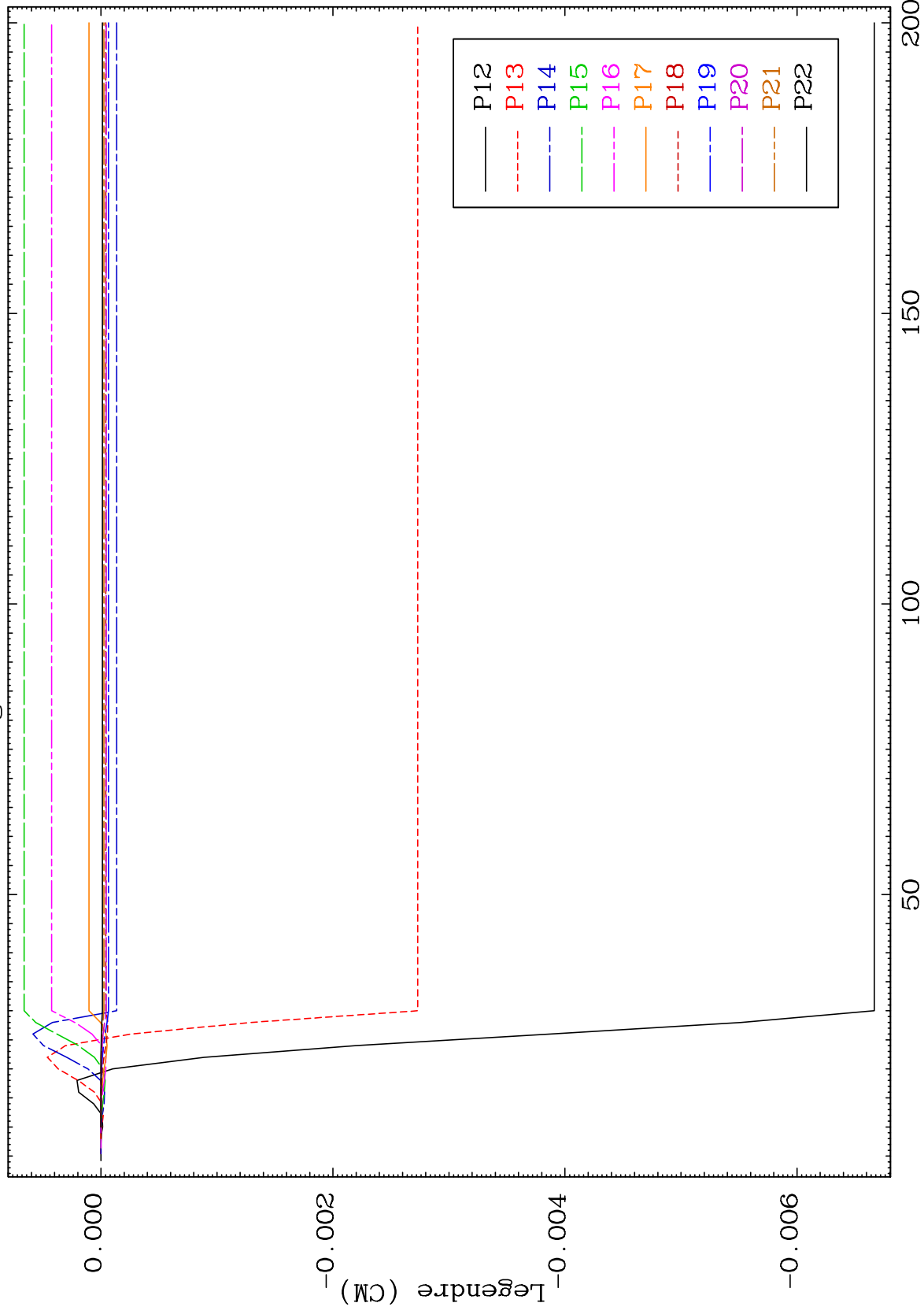
31-Ga-75



MAT 3143

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

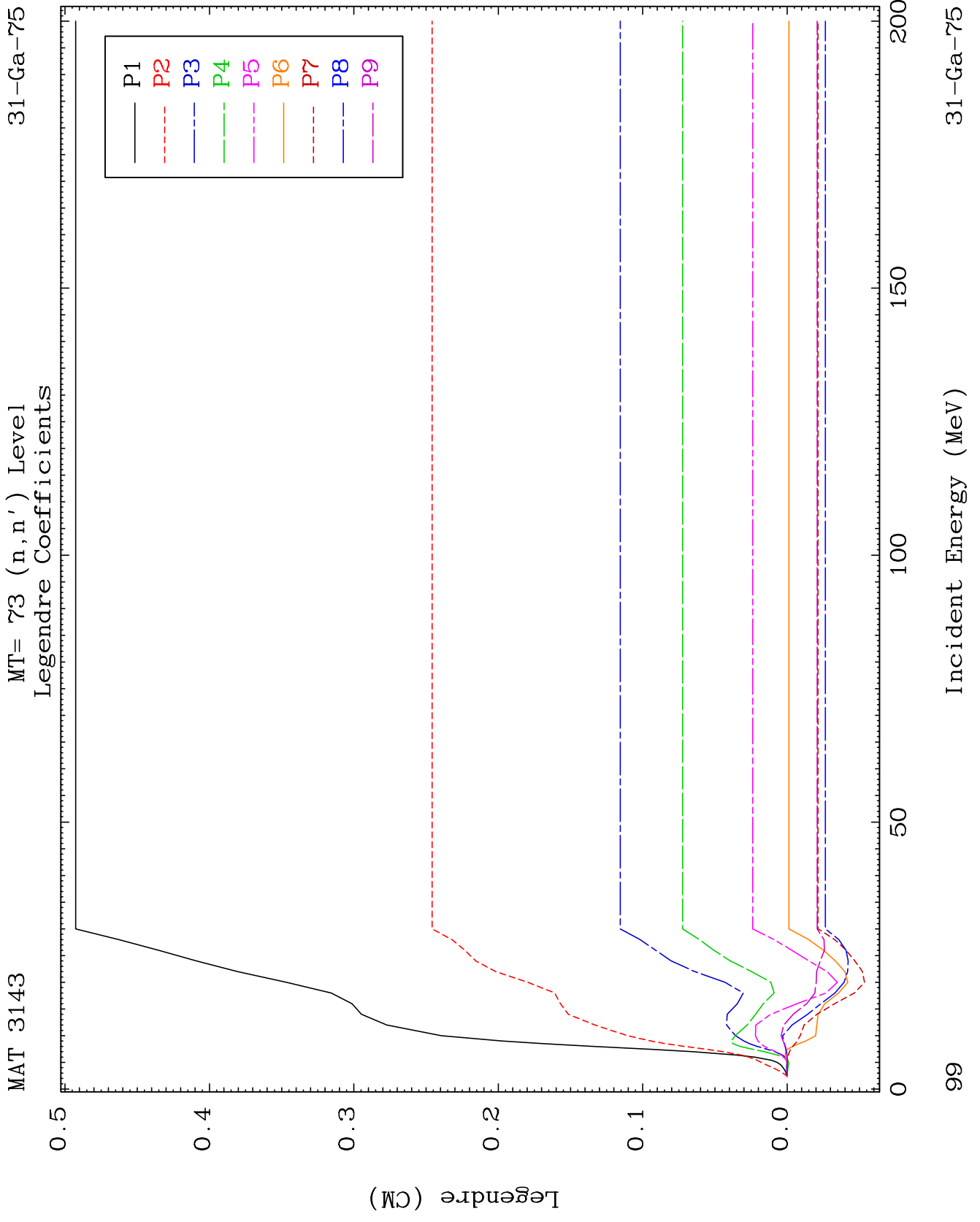
31-Ga-75



97

Incident Energy (MeV)

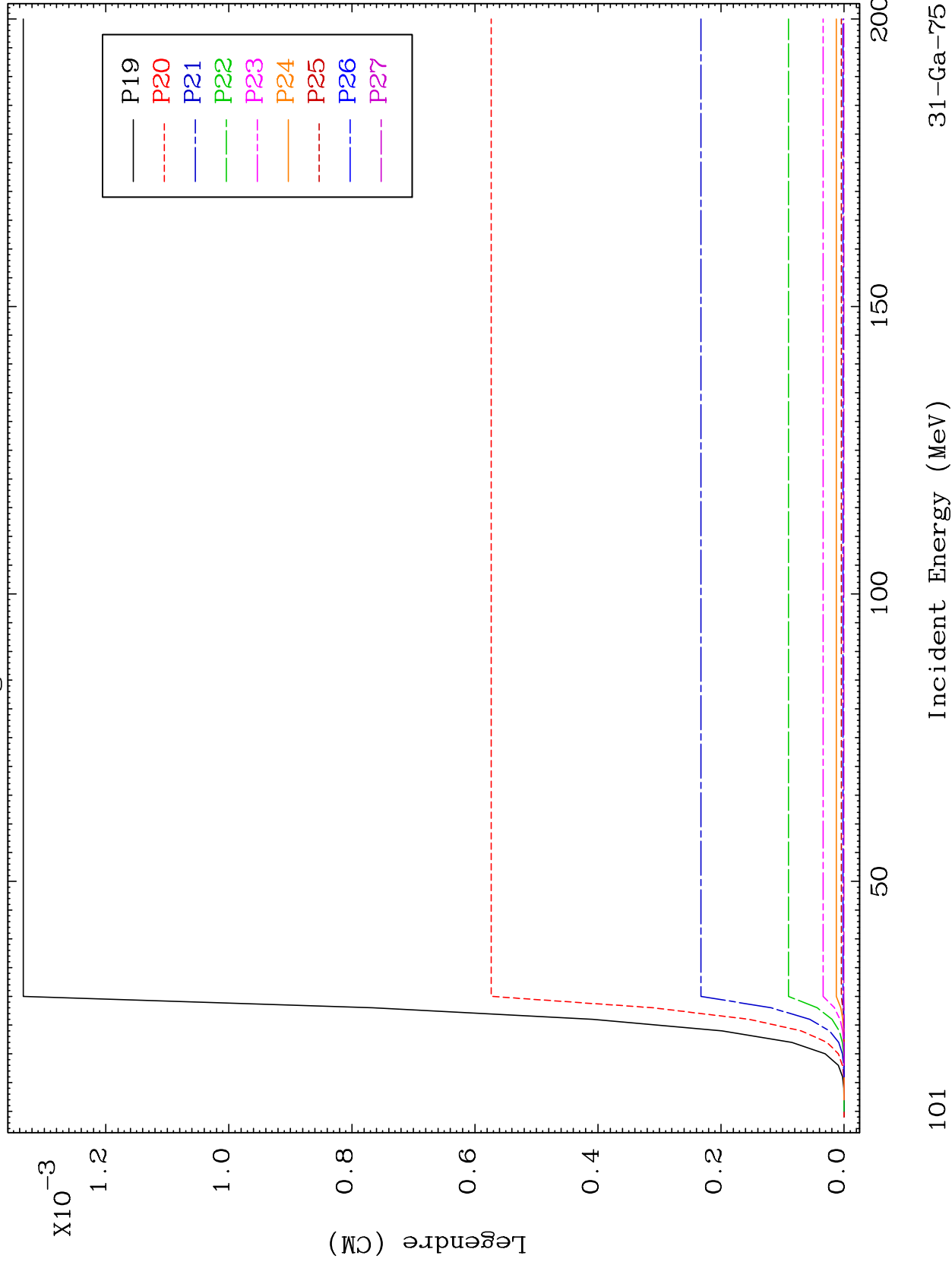
31-Ga-75



MAT 3143

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

31-Ga-75



101

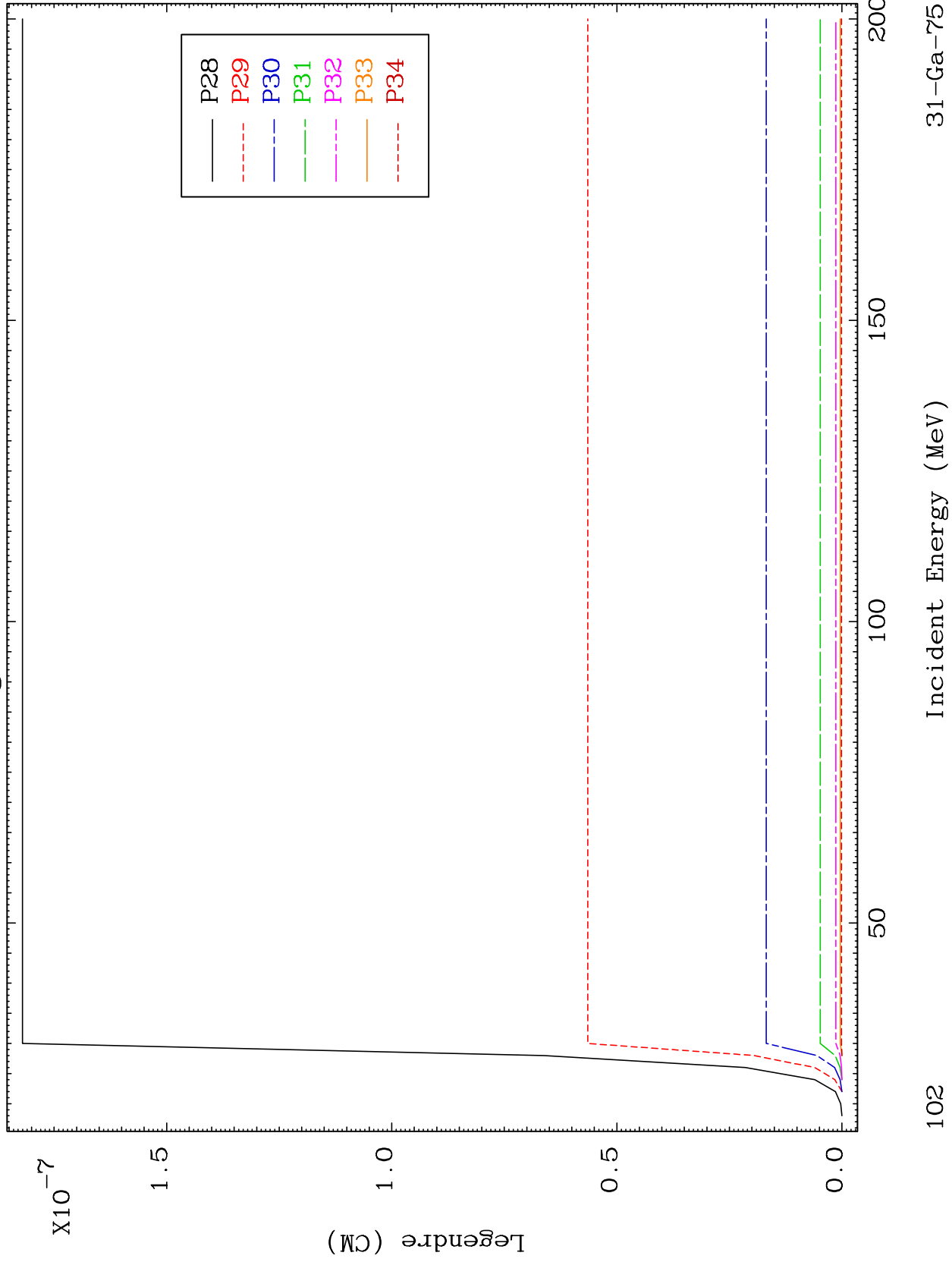
Incident Energy (MeV)

31-Ga-75

MAT 3143

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

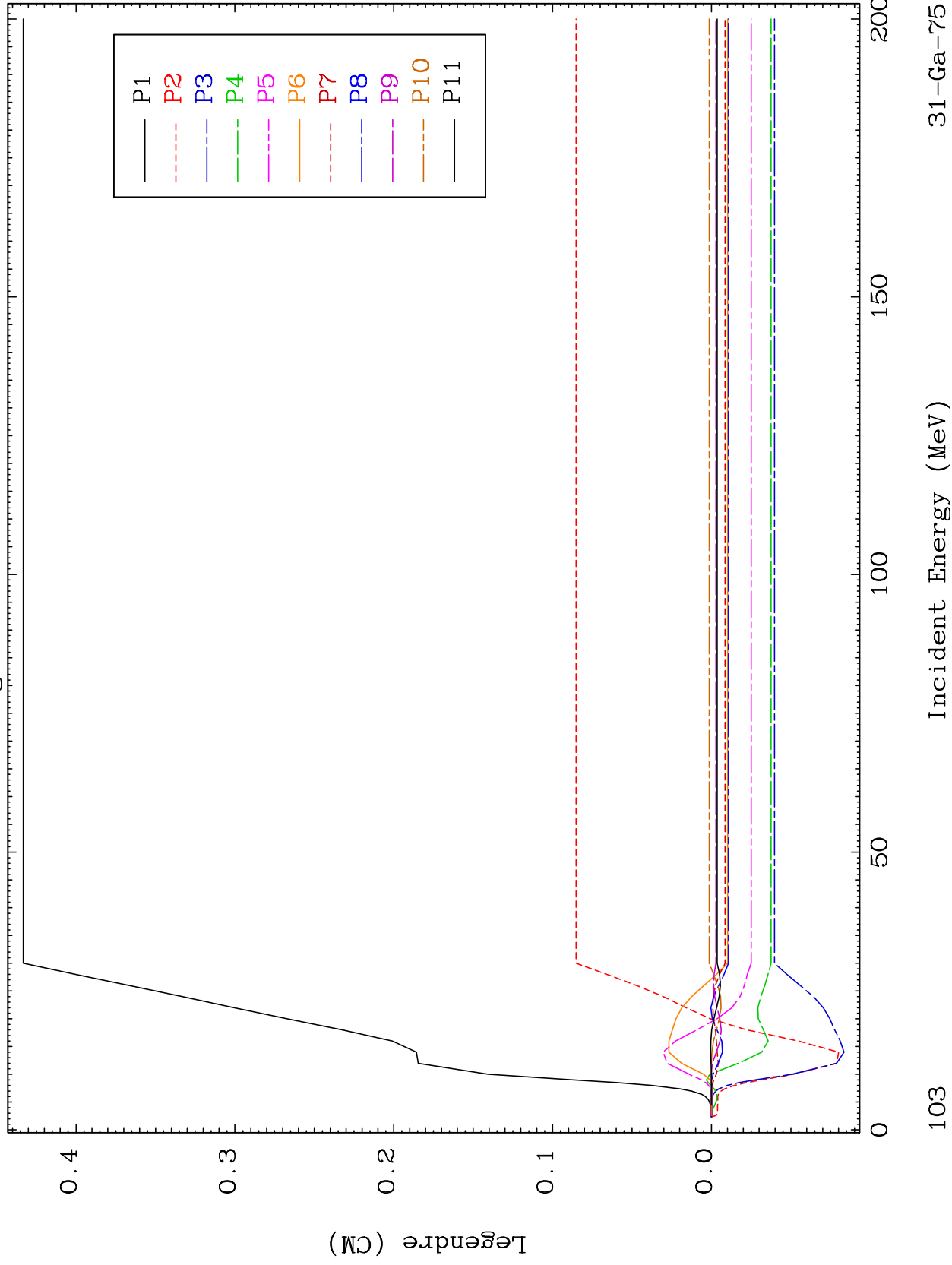
31-Ga-75



MAT 3143

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

31-Ga-75

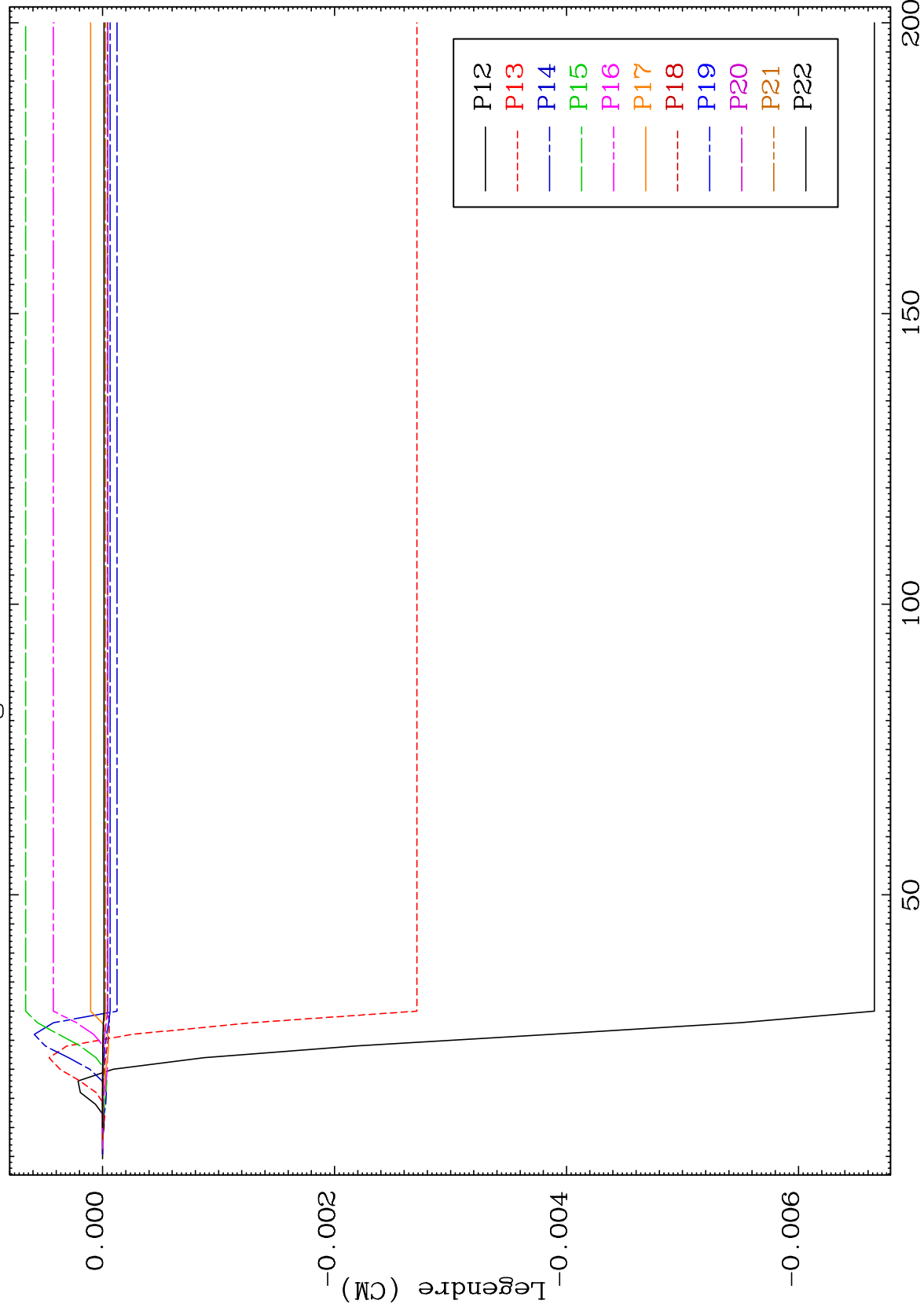


103

MAT 3143

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

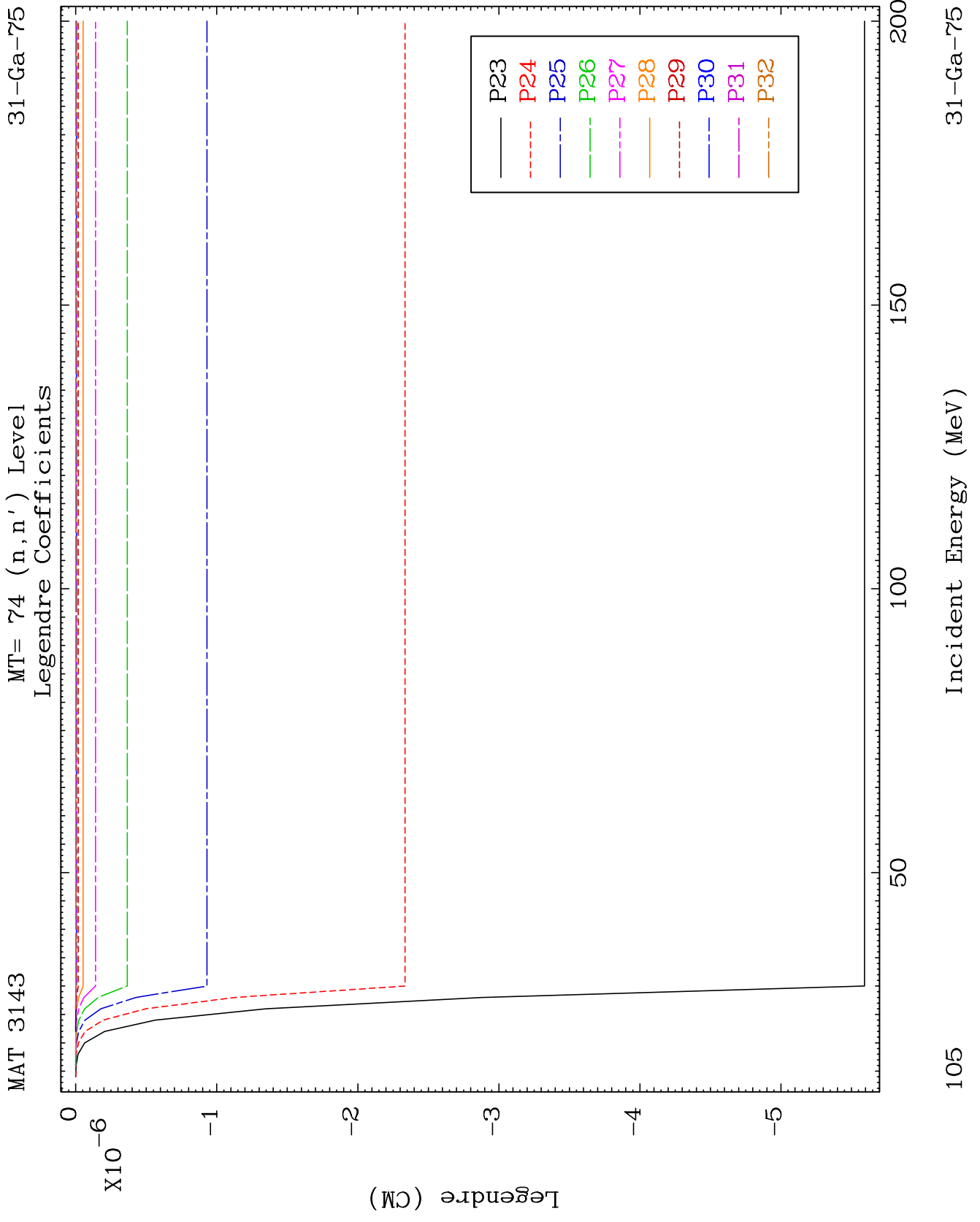
31-Ga-75



104

Incident Energy (MeV)

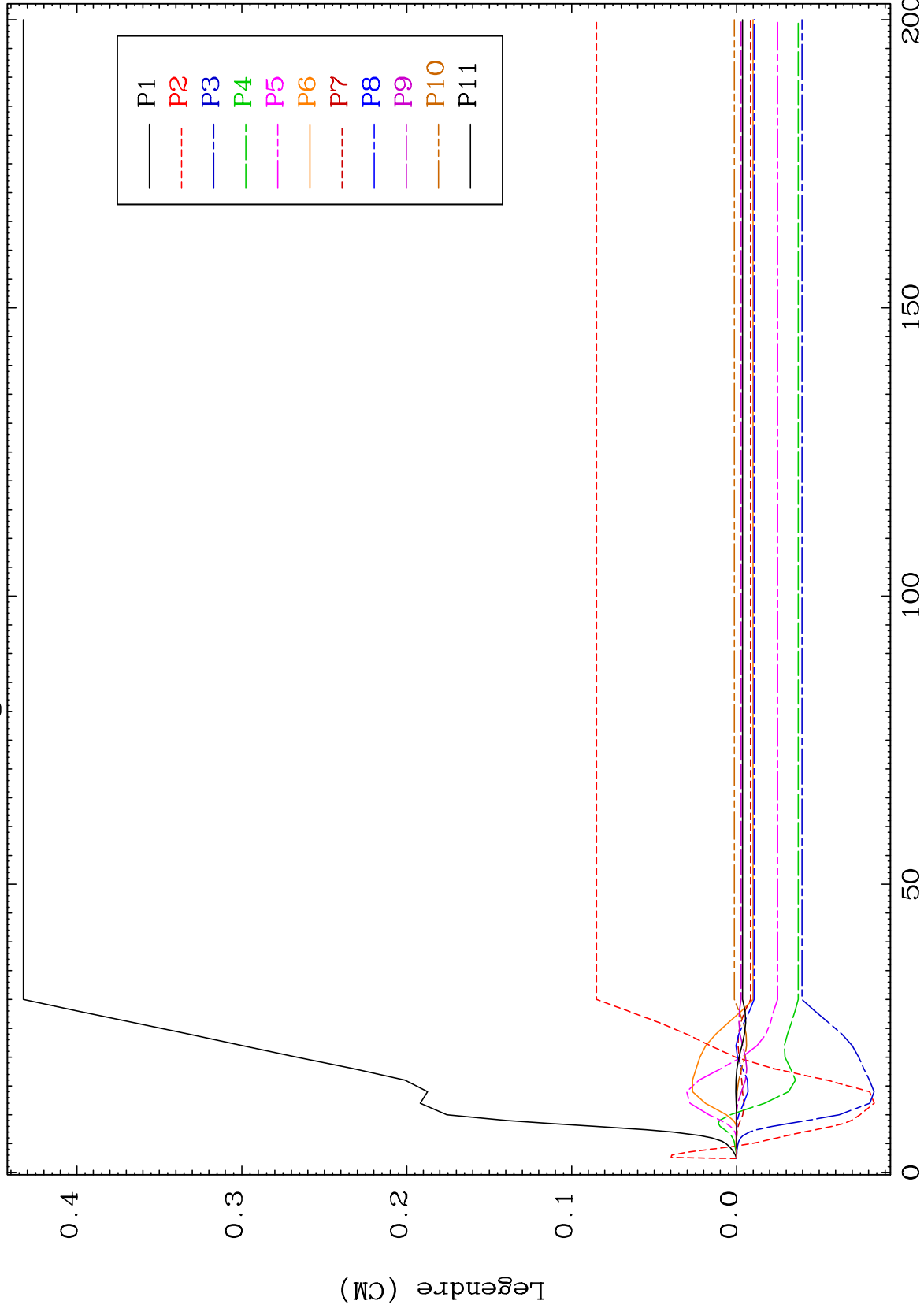
31-Ga-75



MAT 3143

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

31-Ga-75



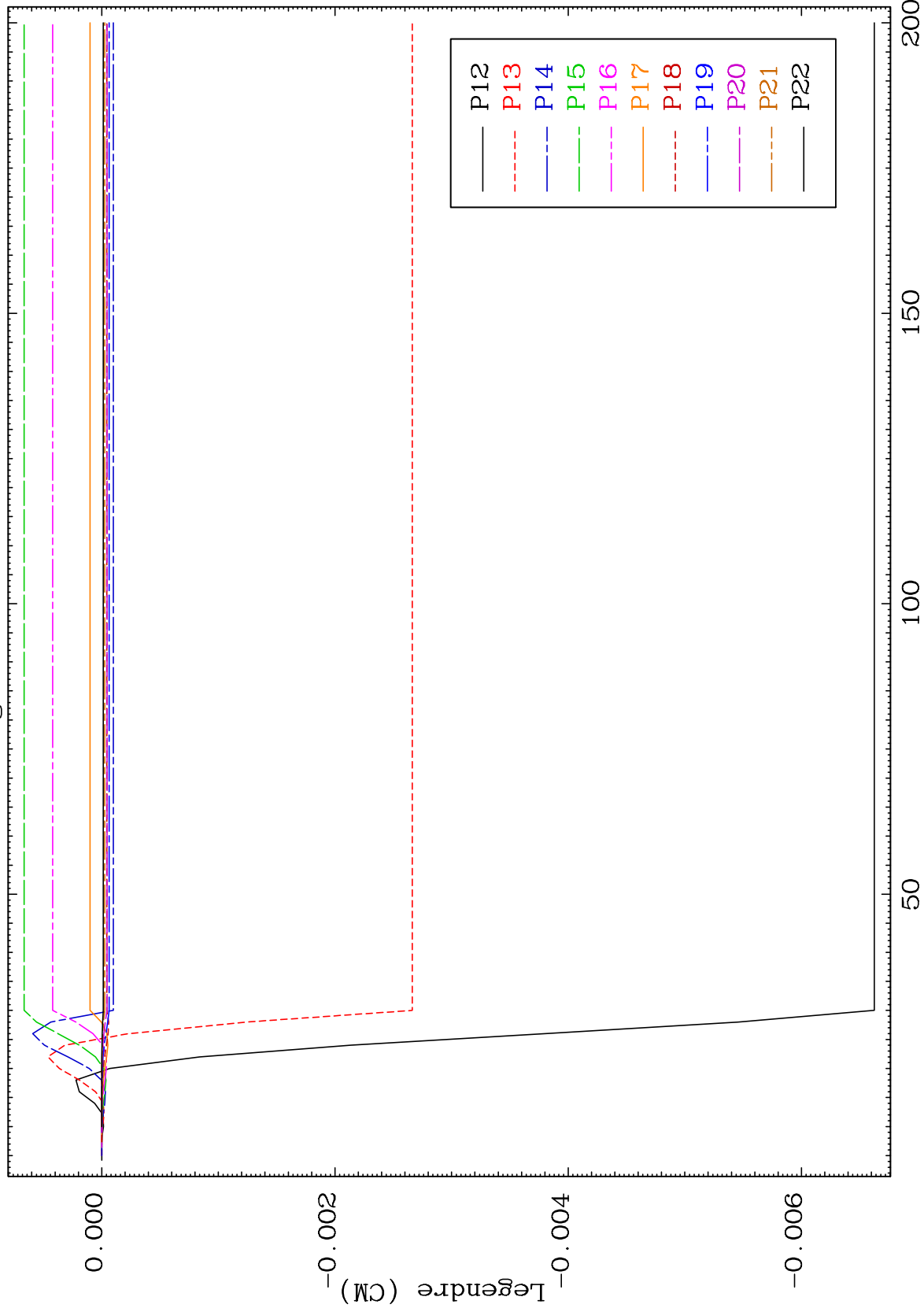
106

31-Ga-75

MAT 3143

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

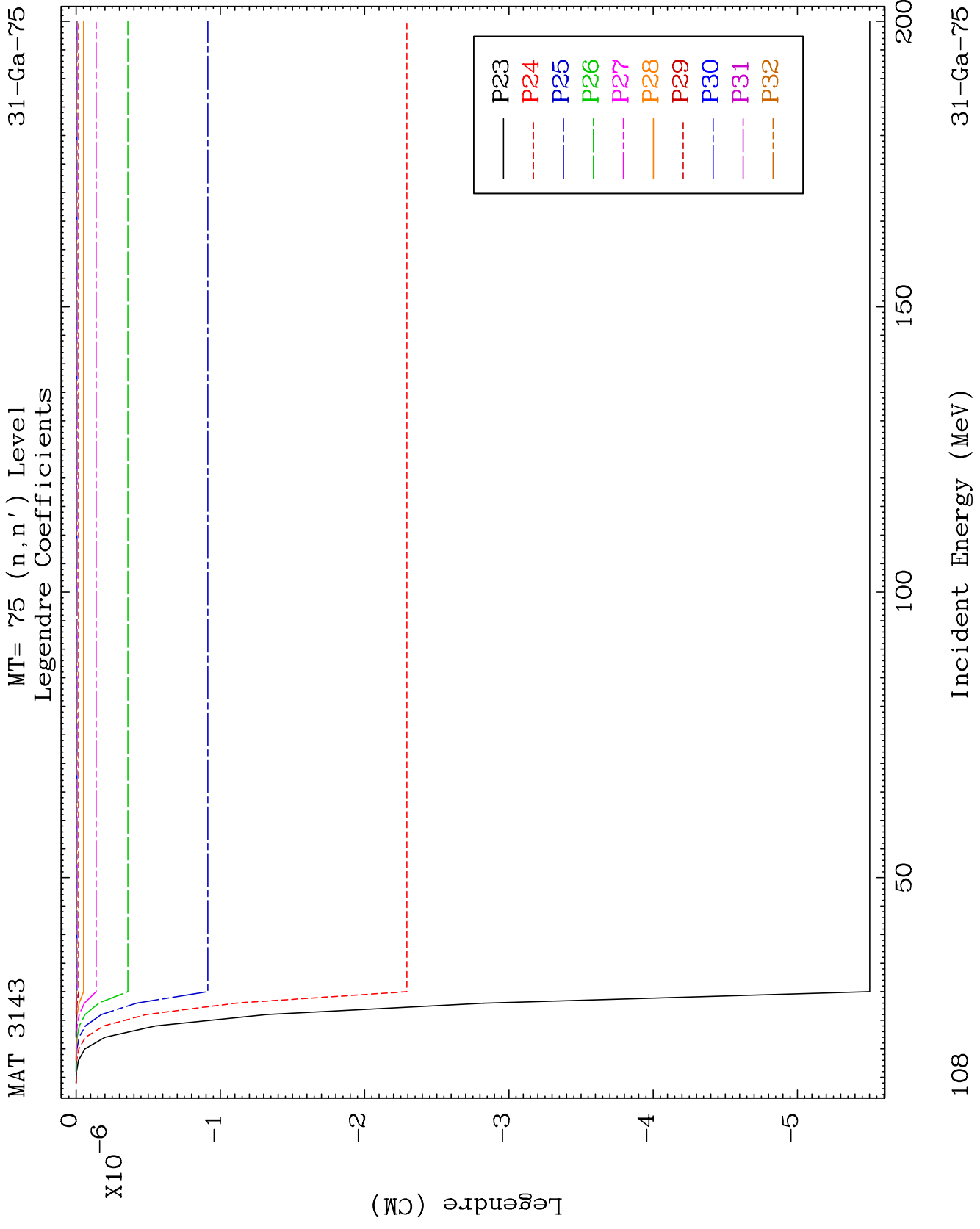
31-Ga-75



107

Incident Energy (MeV)

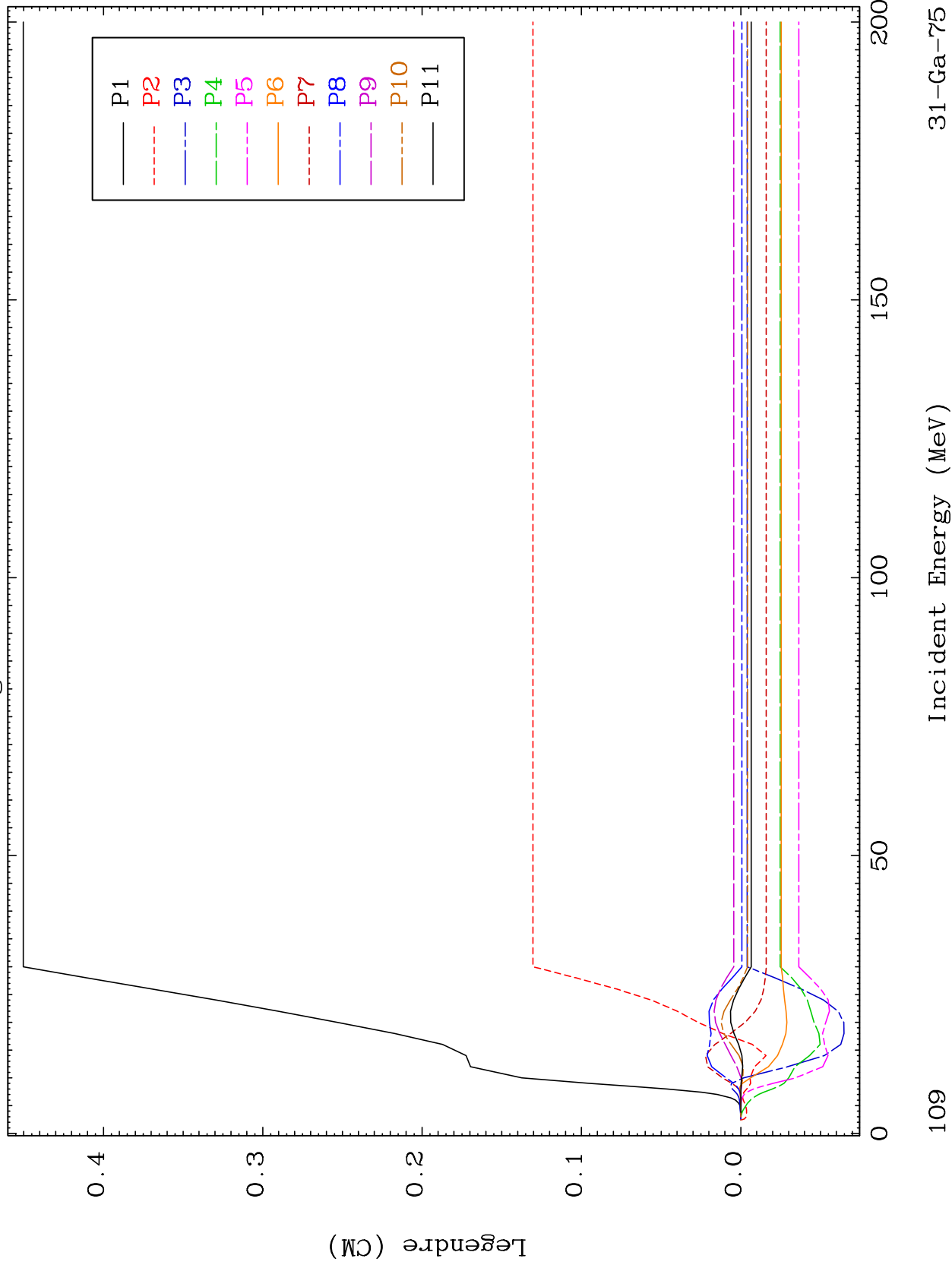
31-Ga-75



MAT 3143

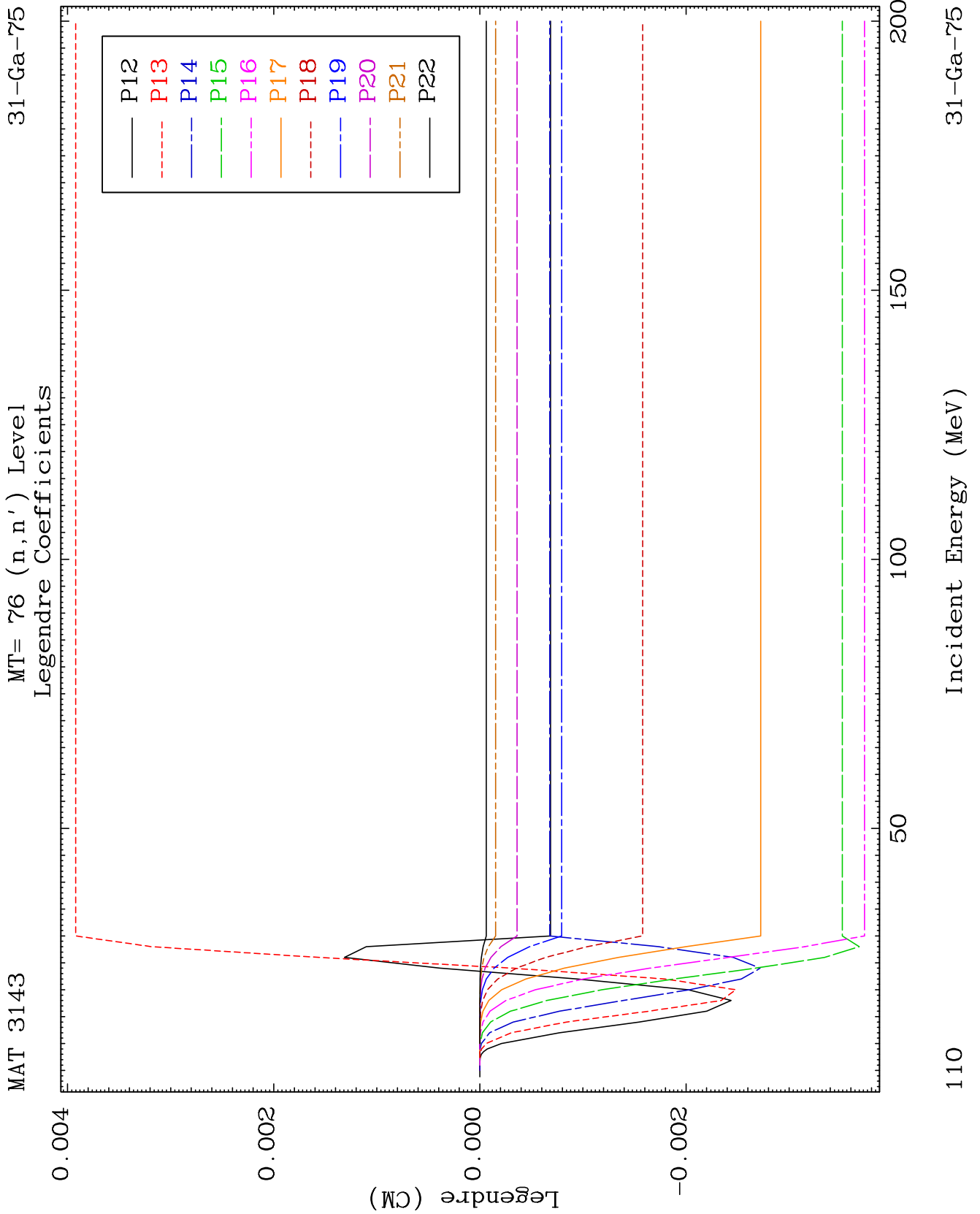
MT= 76 (n,n') Level
Legendre Coefficients

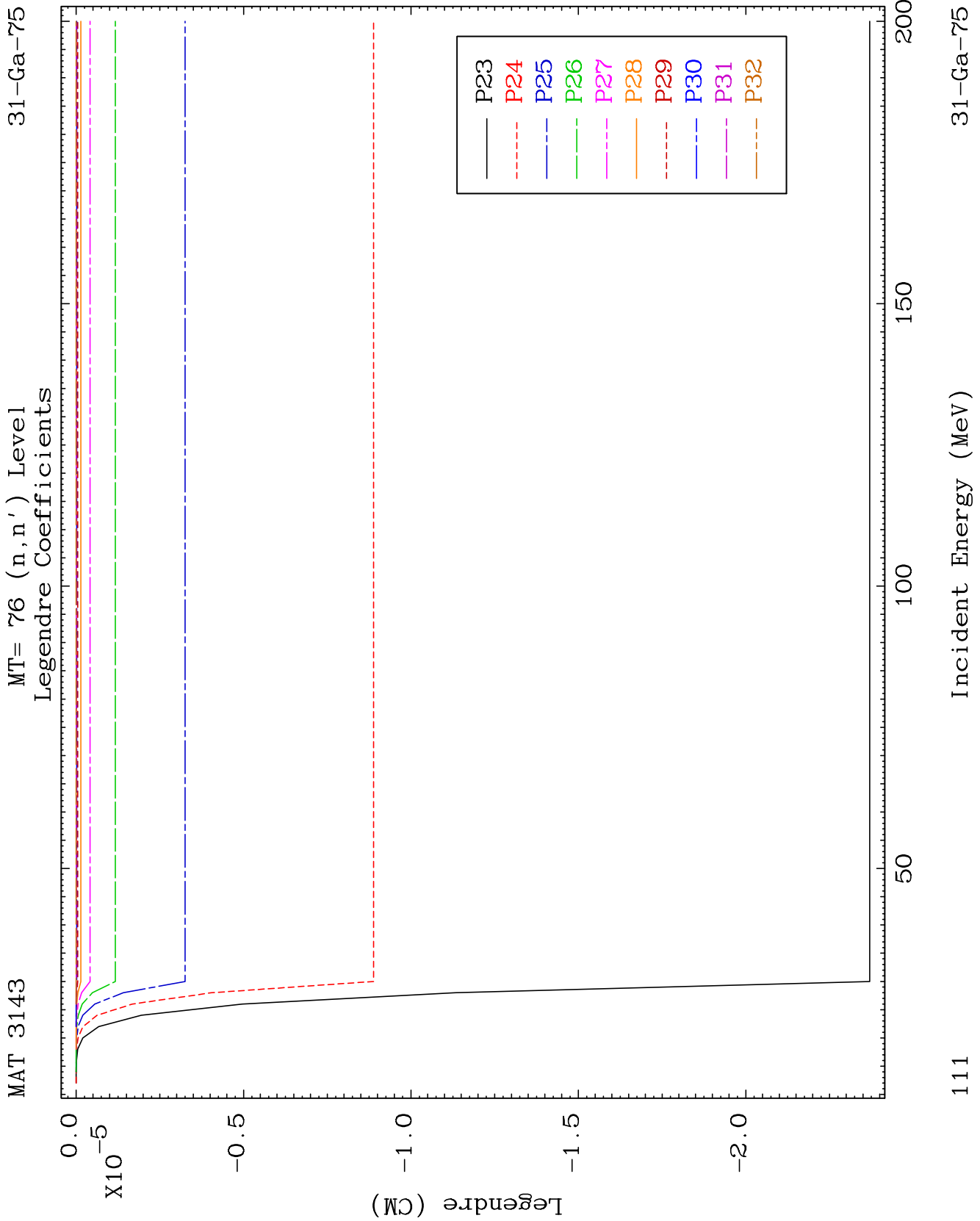
31-Ga-75



109

31-Ga-75

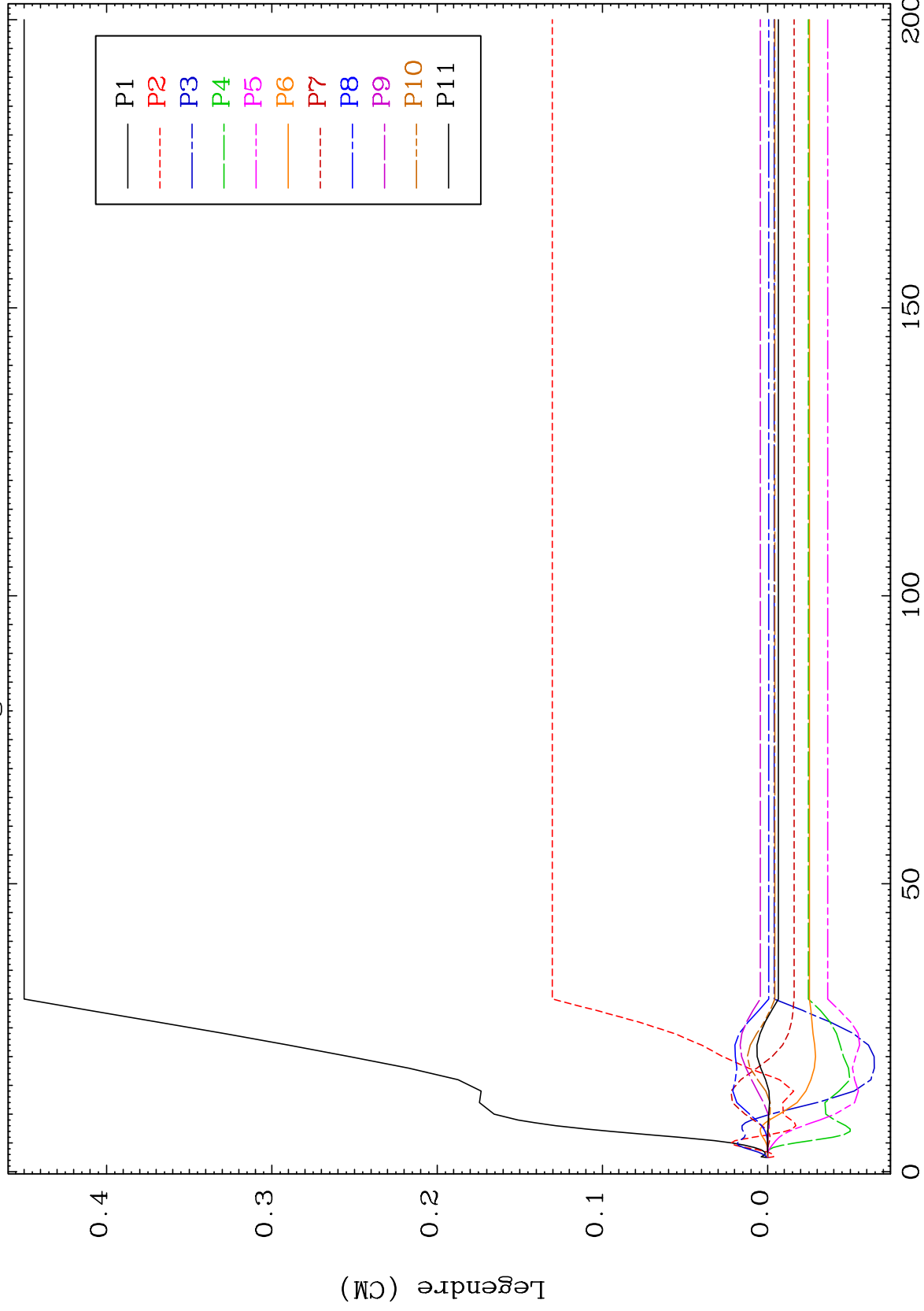




MAT 3143

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

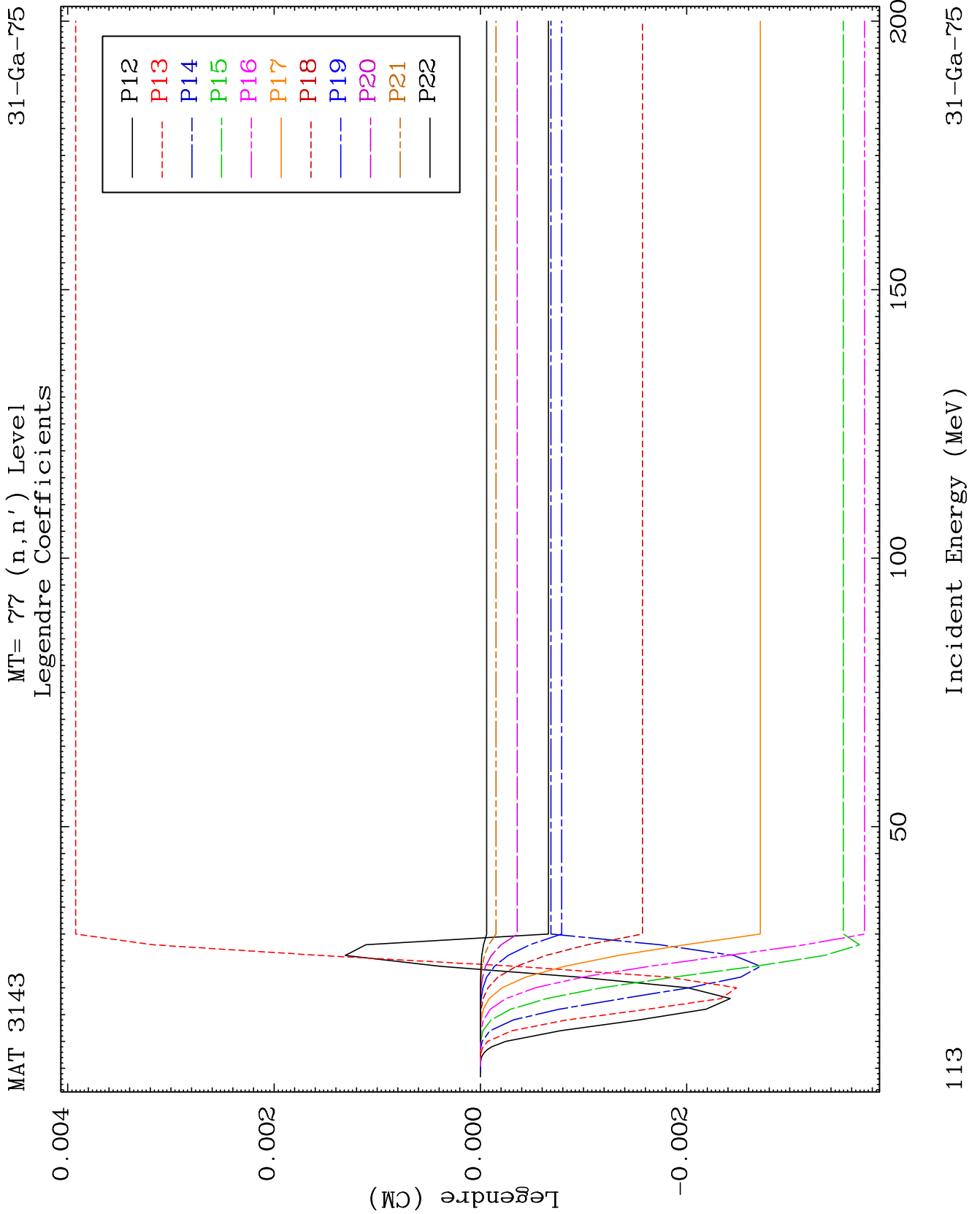
31-Ga-75

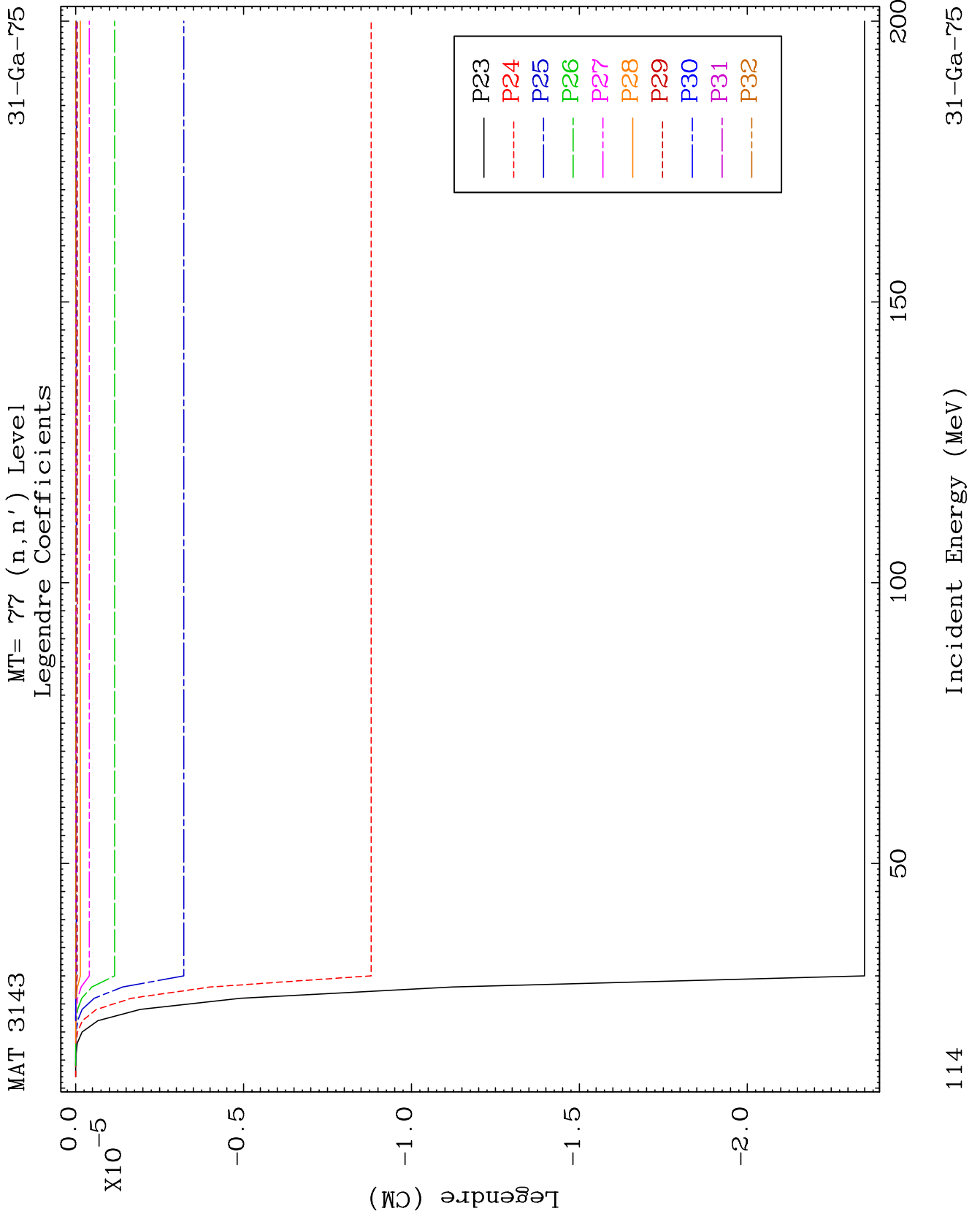


112

Incident Energy (MeV)

31-Ga-75

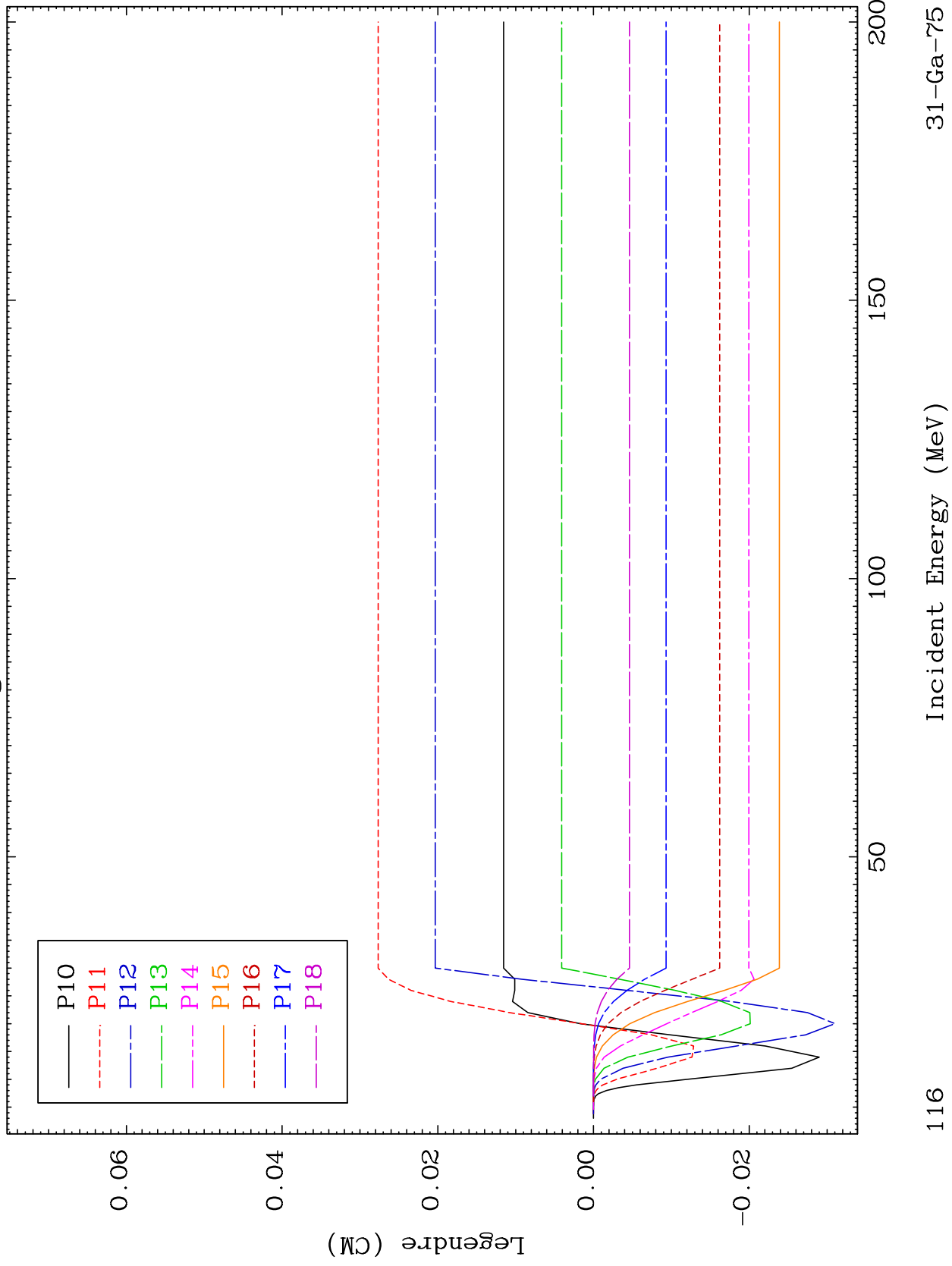




MAT 3143

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

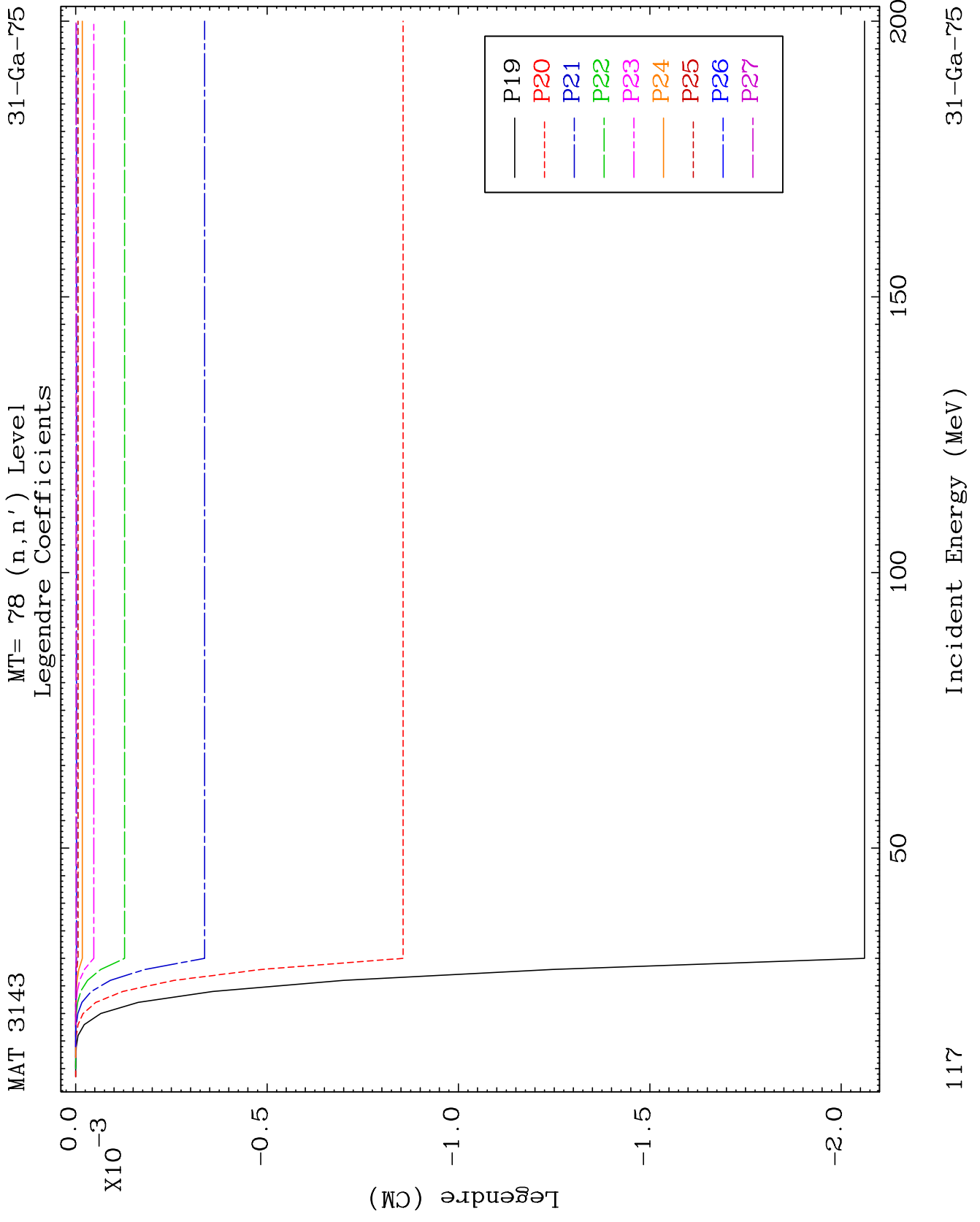
31-Ga-75

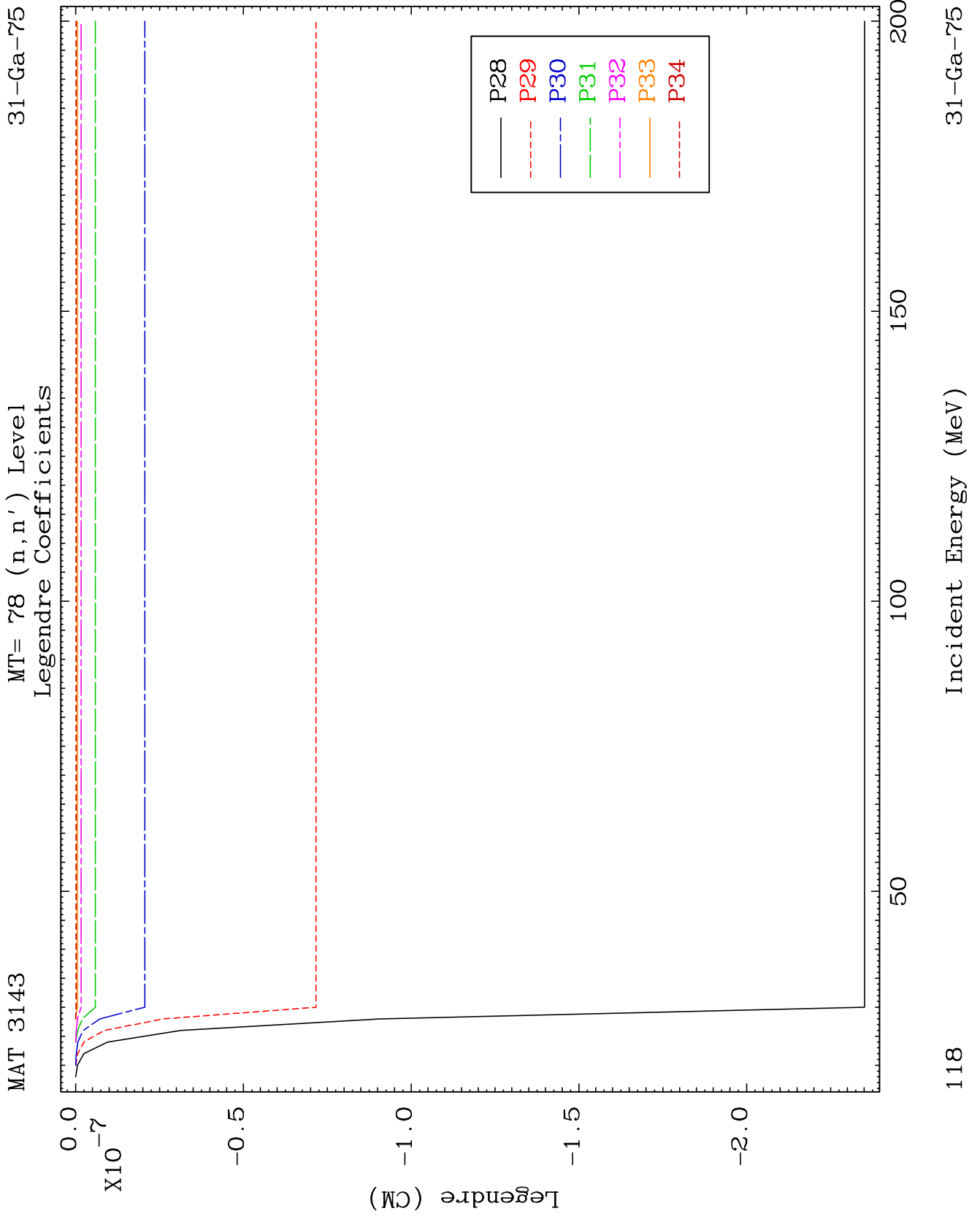


116

Incident Energy (MeV)

31-Ga-75



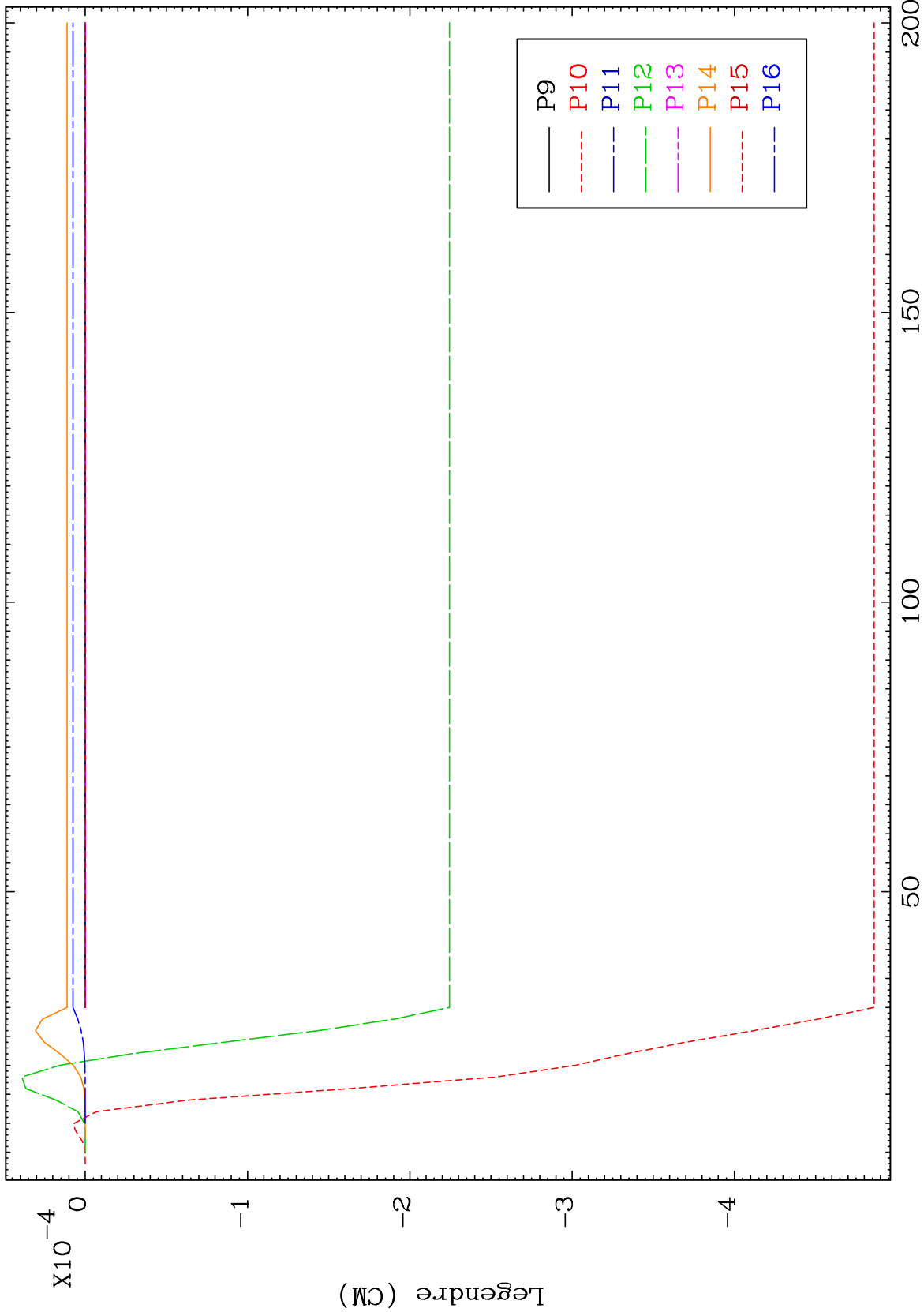


MAT 3143

MT= 79 (n,n') Level

31-Ga-75

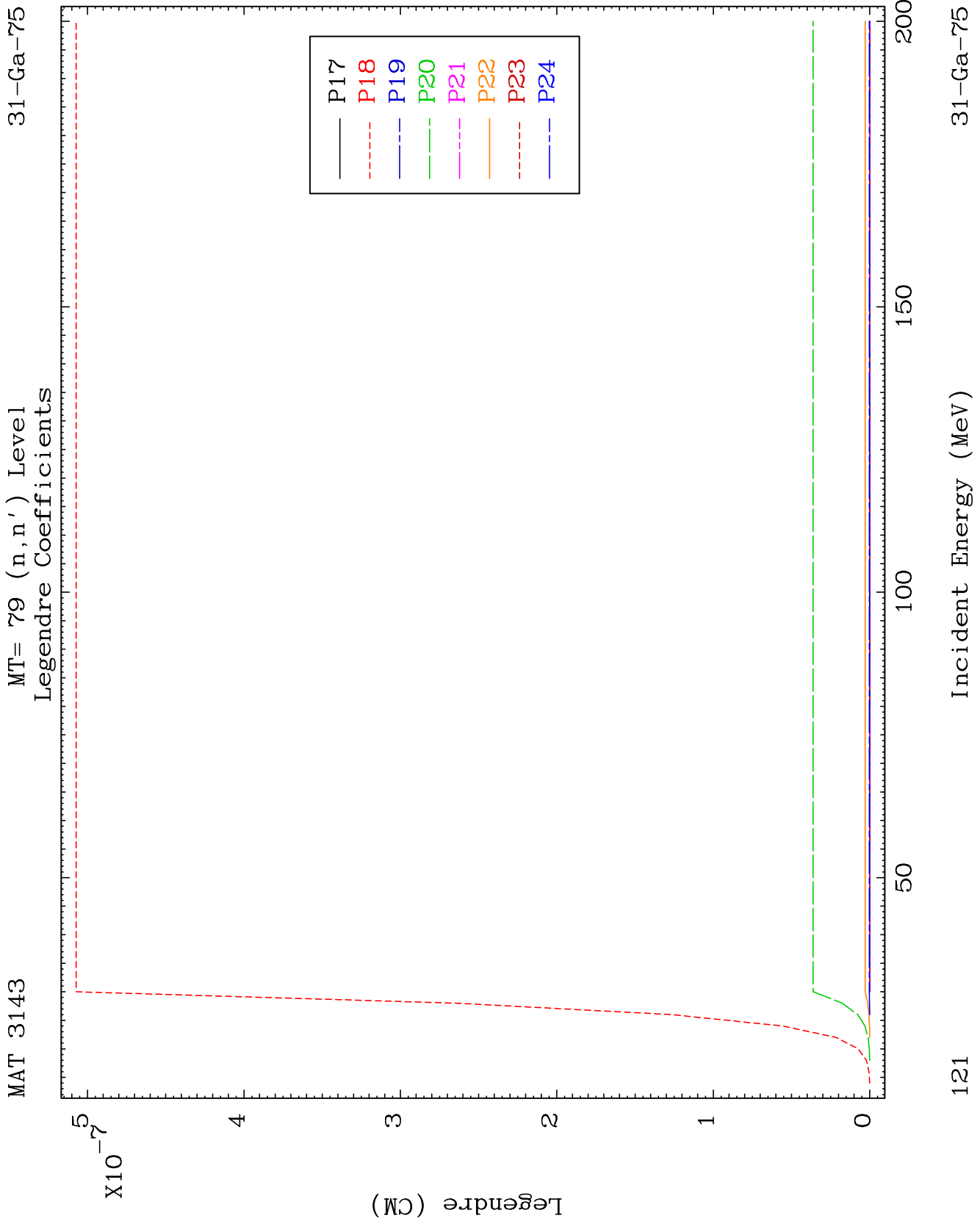
Legendre Coefficients



120

Incident Energy (MeV)

31-Ga-75

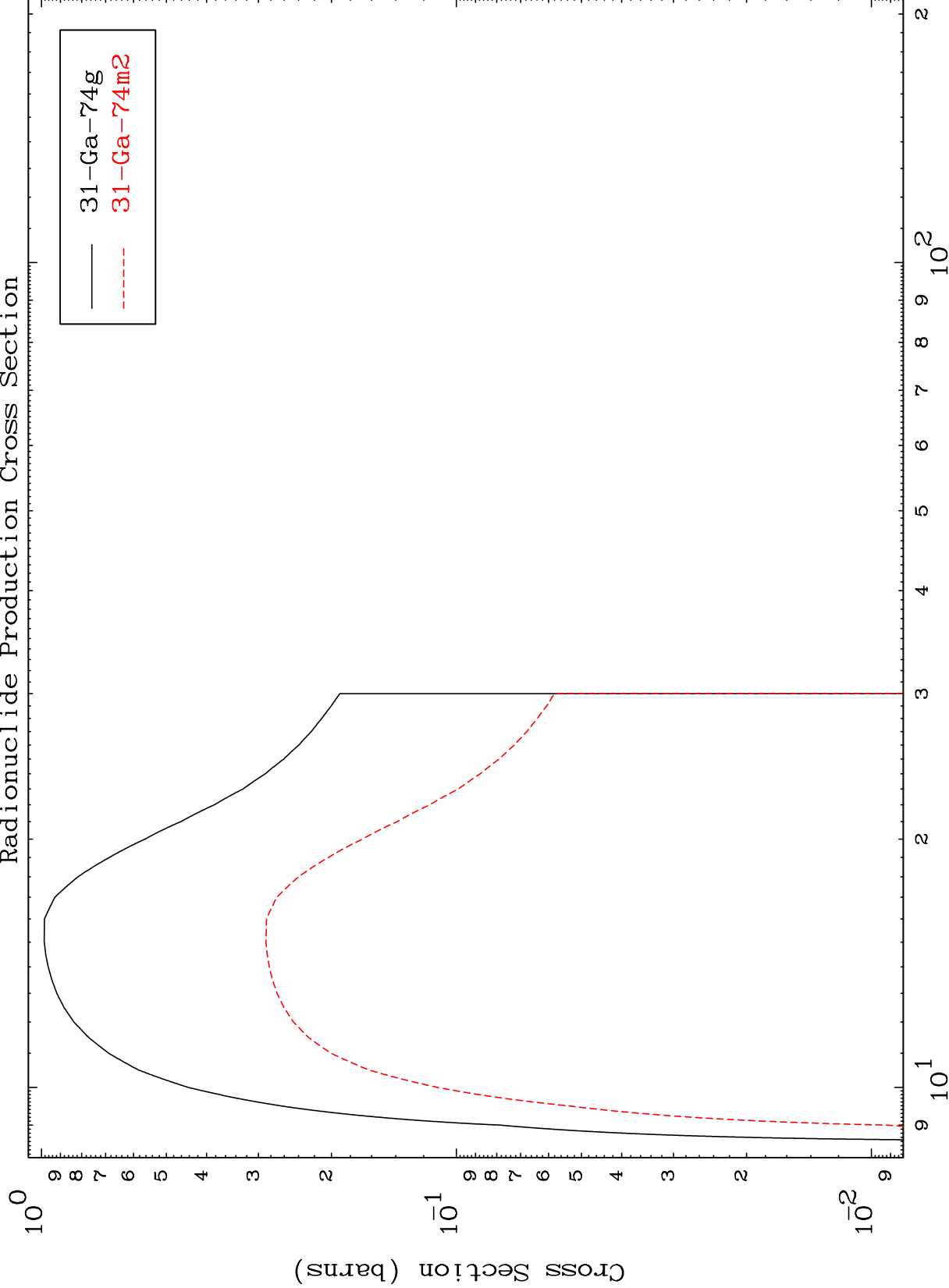


MAT 3143

(n,2n)

³¹Ga-75

Radionuclide Production Cross Section



31-Ga-74g
31-Ga-74m2

122

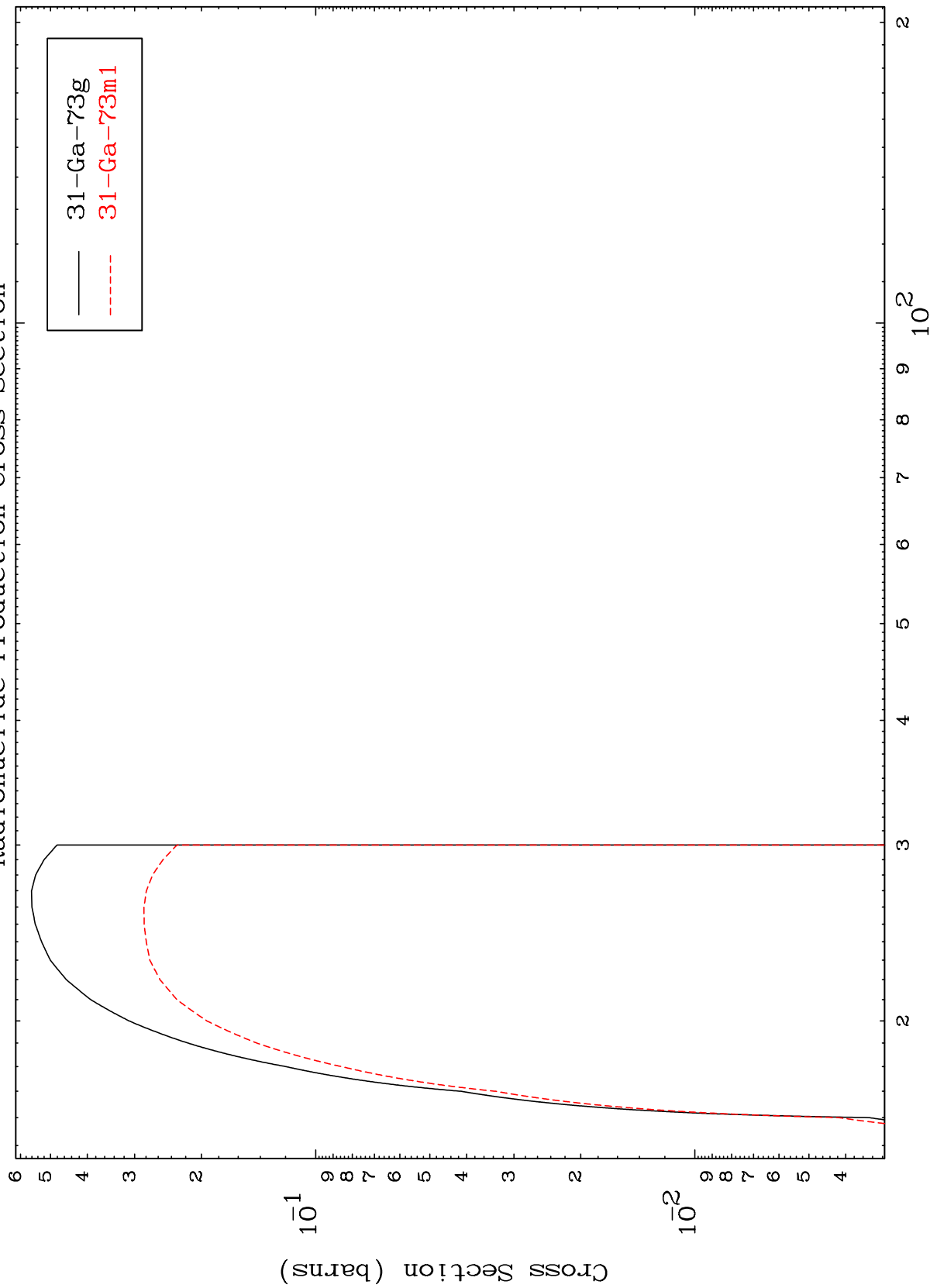
Incident Energy (MeV)

³¹Ga-75

MAT 3143

³¹Ga-75

(n,3n)
Radionuclide Production Cross Section



123

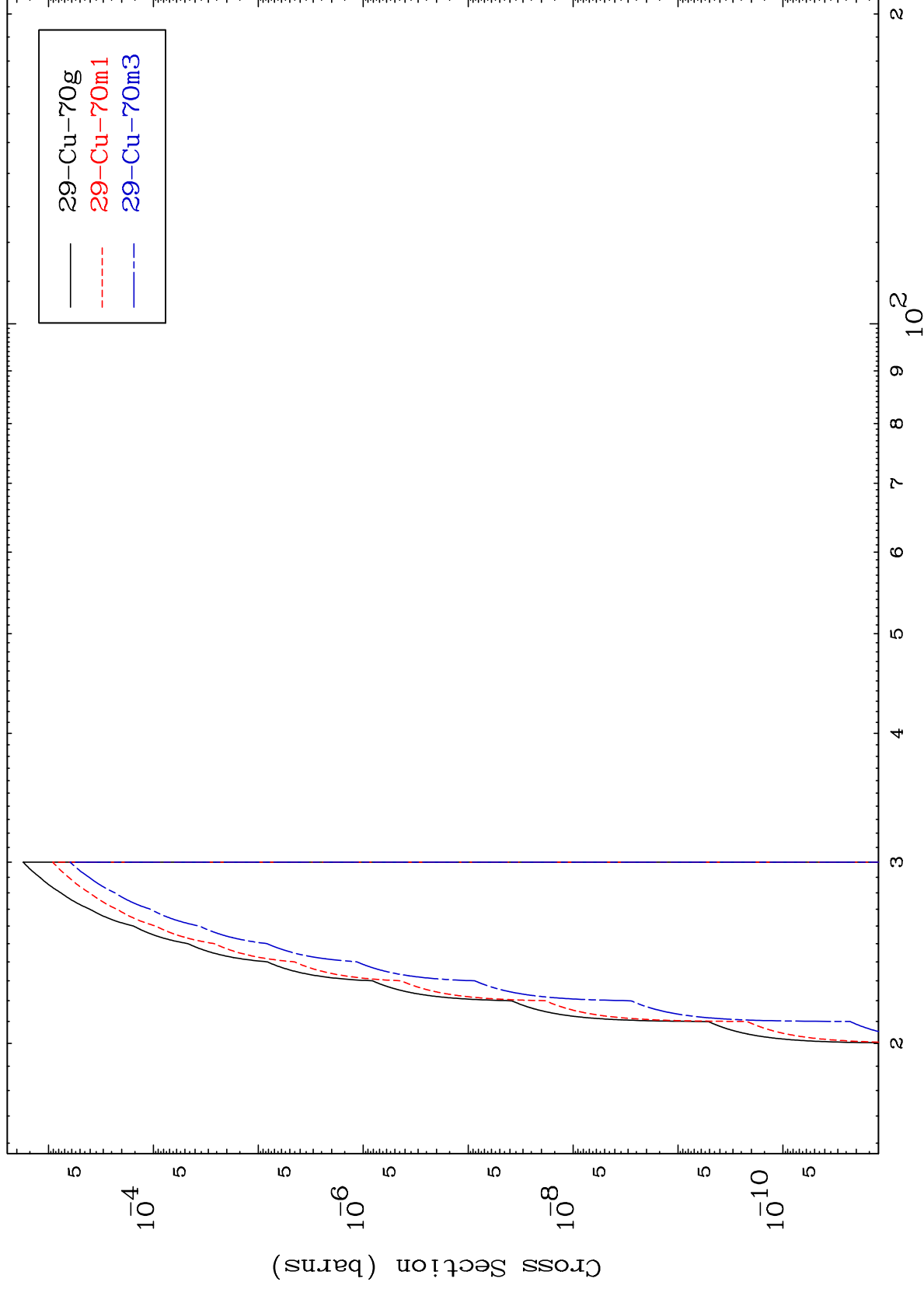
³¹Ga-75

MAT 3143

$(n,2n) \alpha$

31-Ga-75

Radionuclide Production Cross Section



124

Incident Energy (MeV)

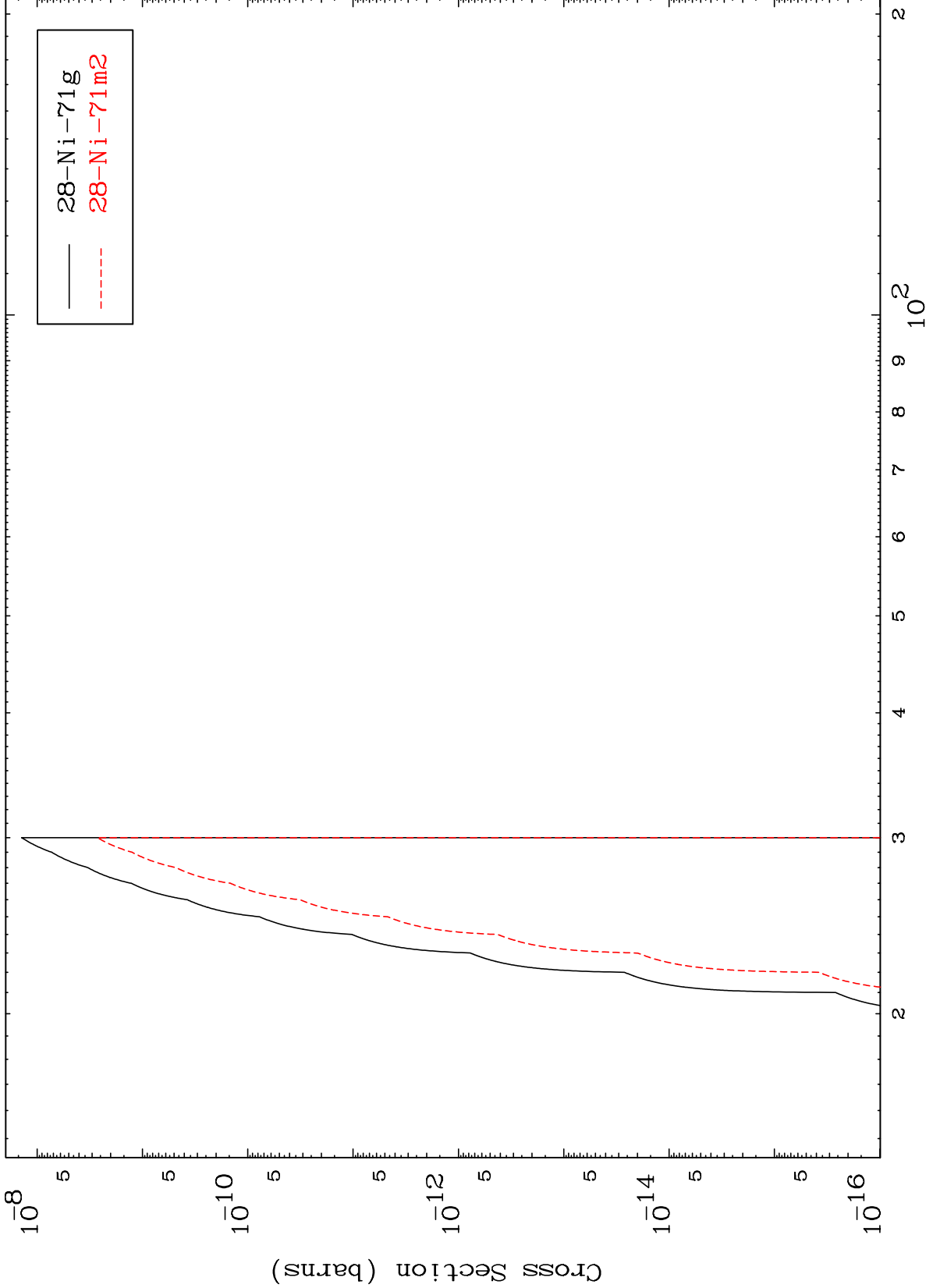
31-Ga-75

MAT 3143

(n,p) α

31-Ga-75

Radionuclide Production Cross Section



28-Ni-71g
28-Ni-71m2

125

Incident Energy (MeV)

31-Ga-75