

Program EVALPLOT
(Version 2017-1)

by

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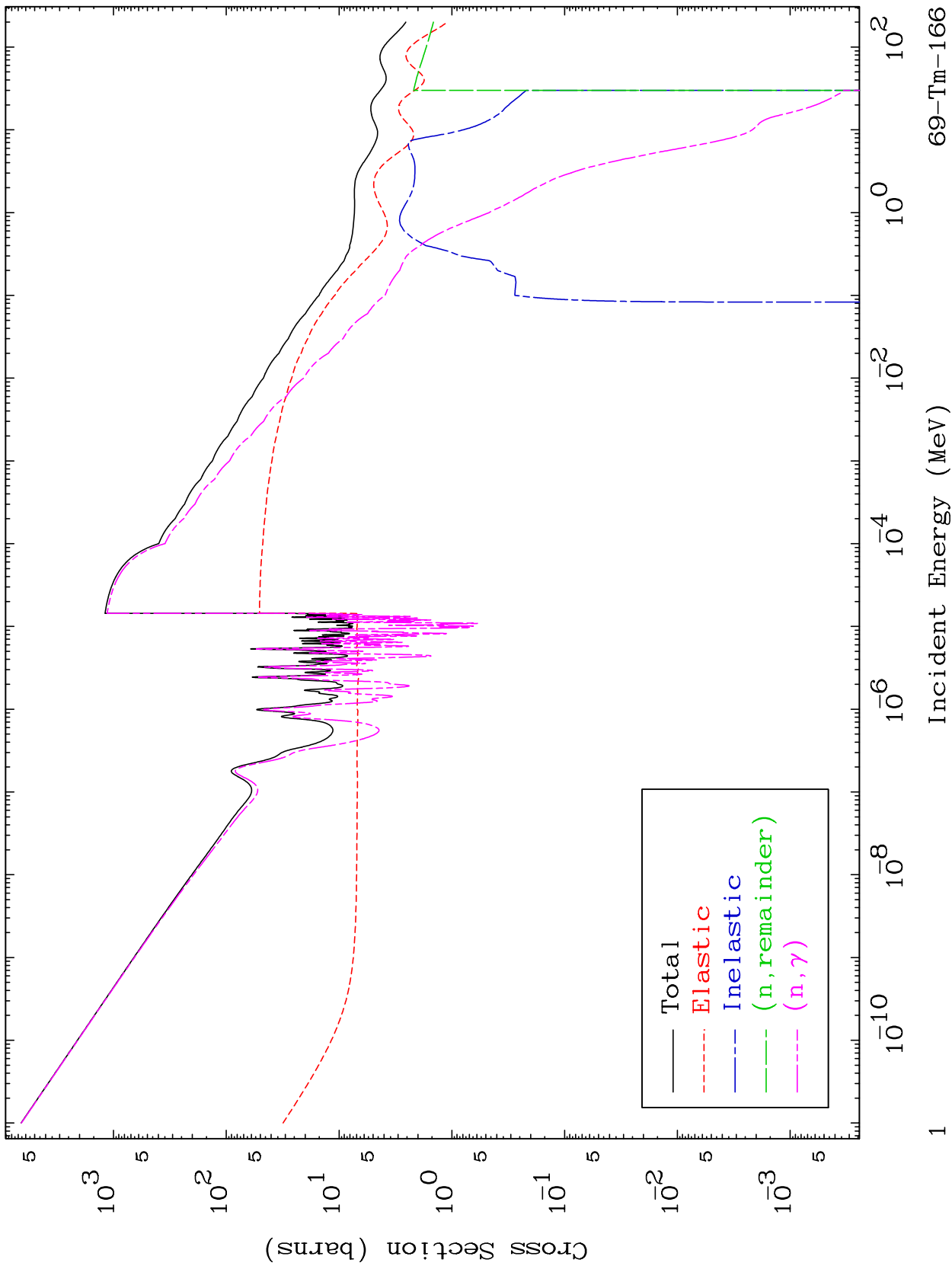
Press Mouse Button to Start

MAT 6916

Major

293 Kelvin Cross Sections

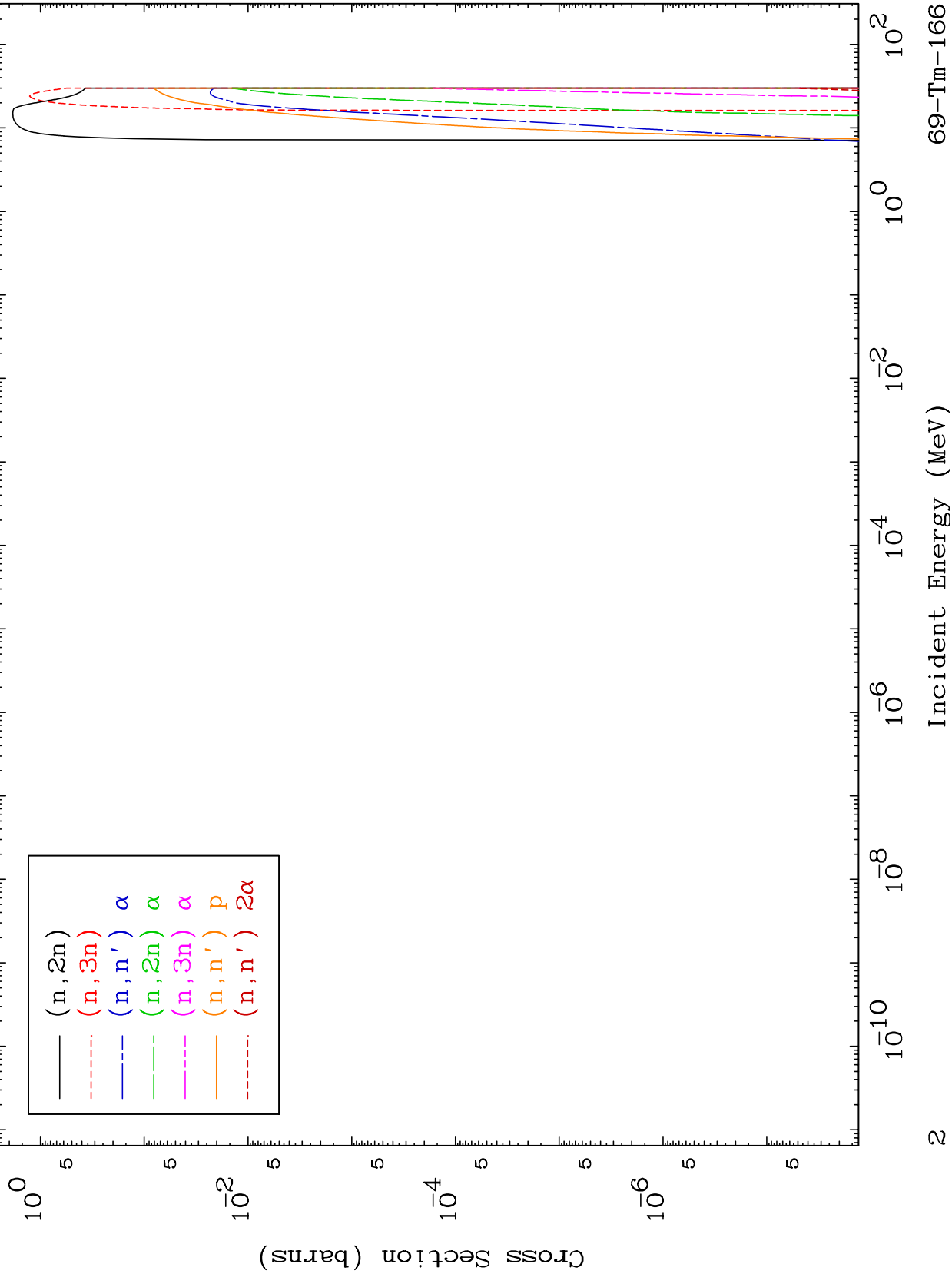
69-Tm-166



MAT 6916

Neutron Production
293 Kelvin Cross Sections

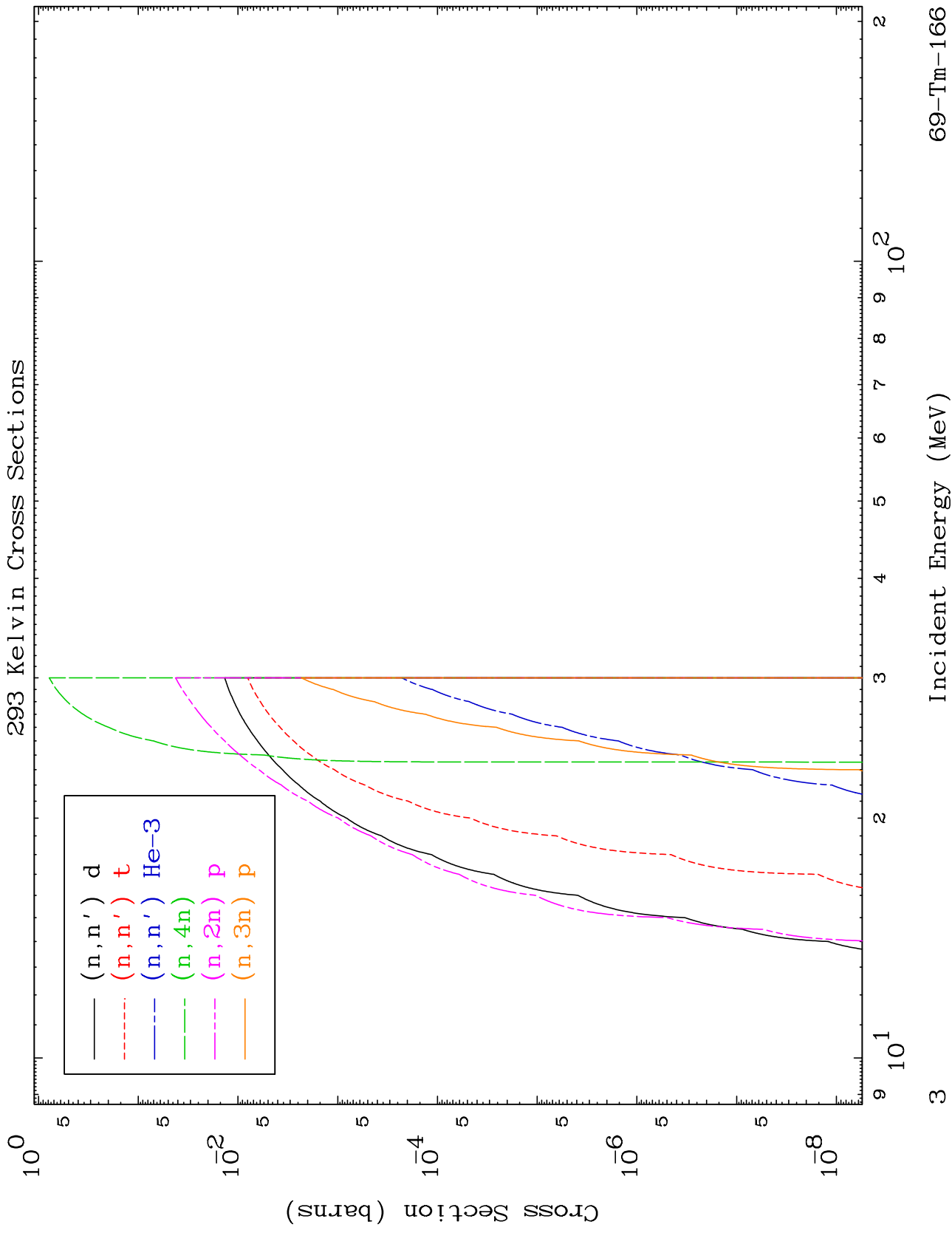
69-Tm-166



MAT 6916

Neutron Production
293 Kelvin Cross Sections

69-Tm-166



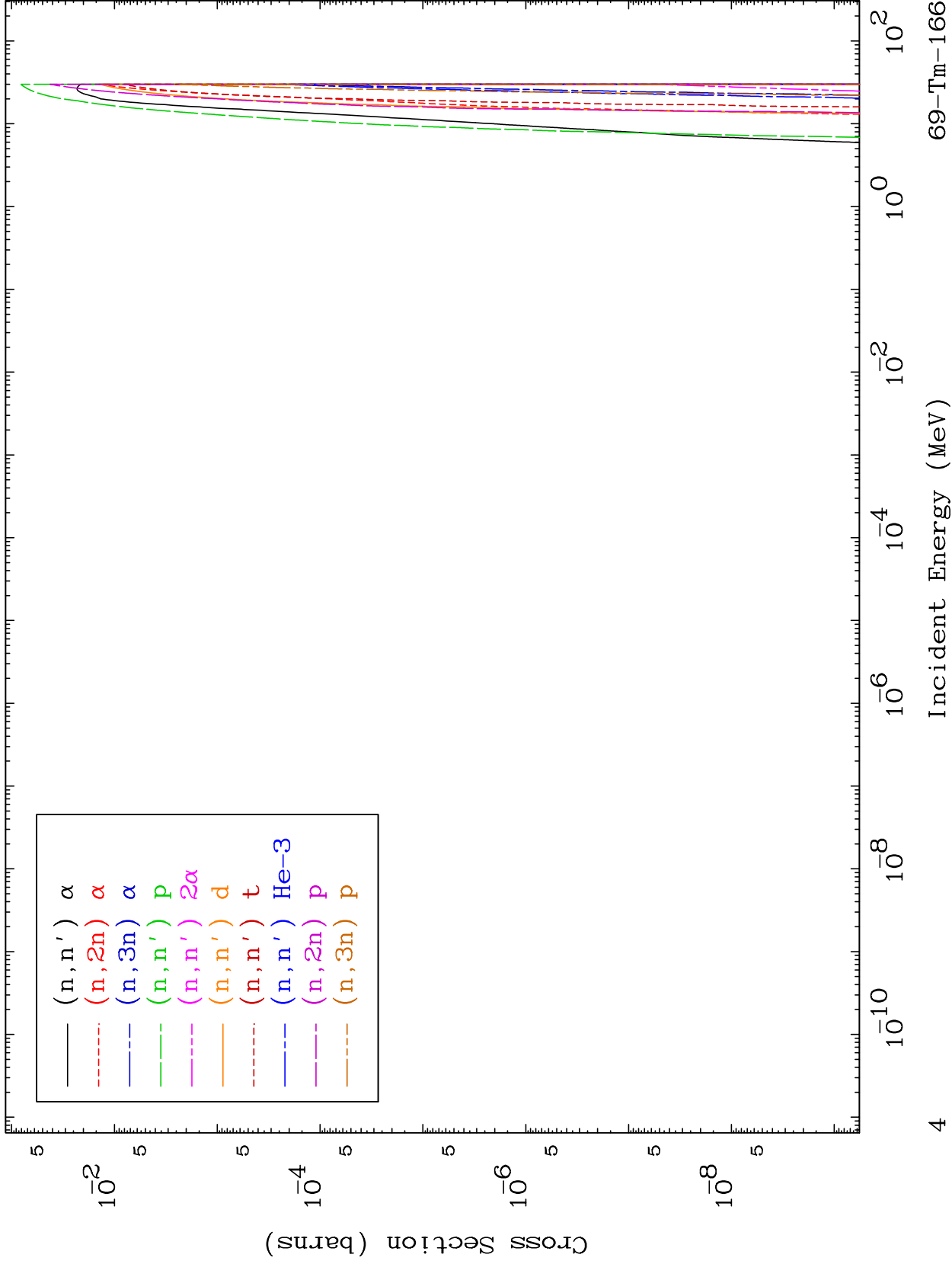
Incident Energy (MeV)

69-Tm-166

MAT 6916

Charged Particle
293 Kelvin Cross Sections

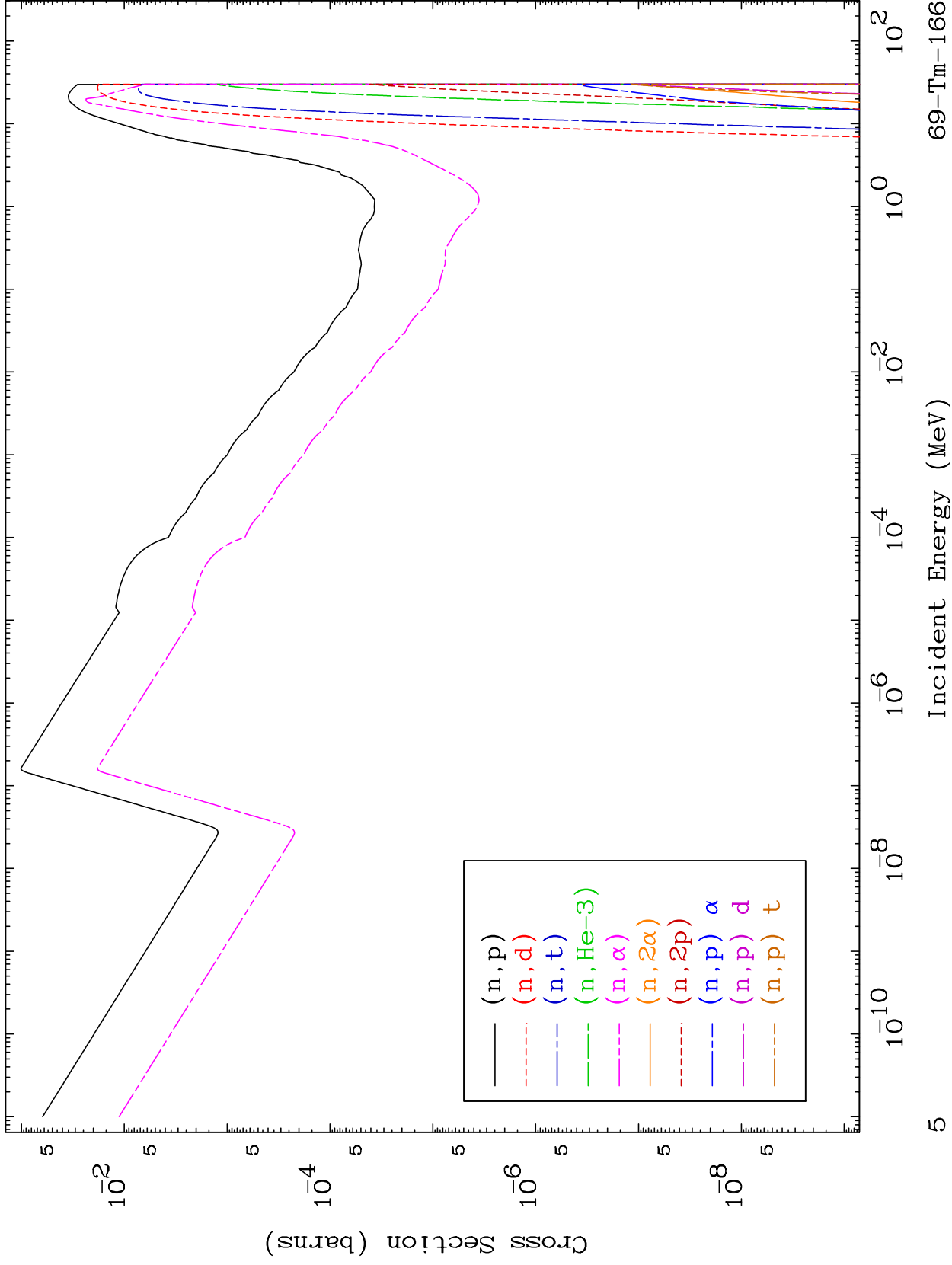
69-Tm-166

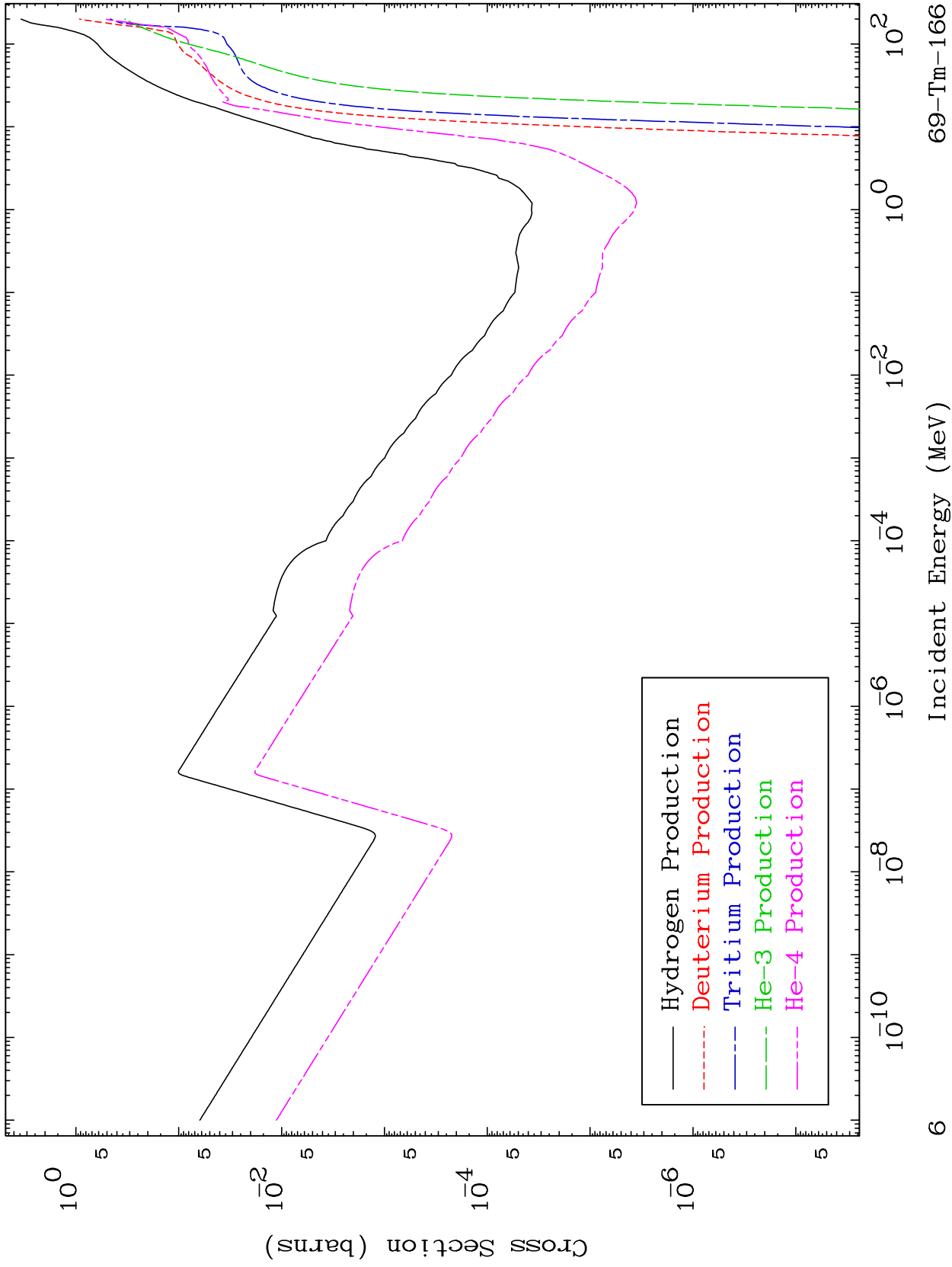


MAT 6916

Charged Particle
293 Kelvin Cross Sections

69-Tm-166



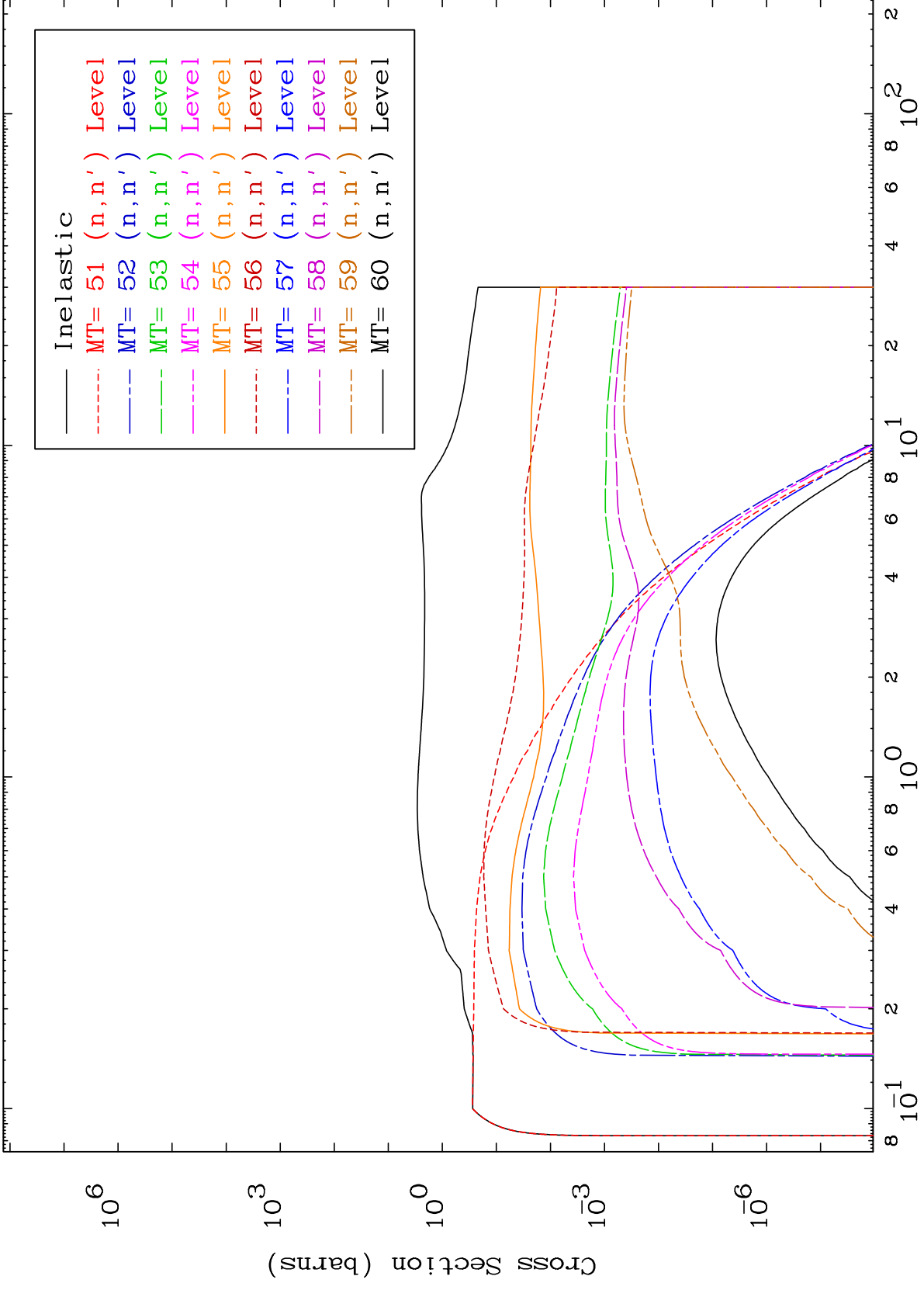


MAT 6916

(n,n') Level

69-Tm-166

293 Kelvin Cross Sections



Incident Energy (MeV)

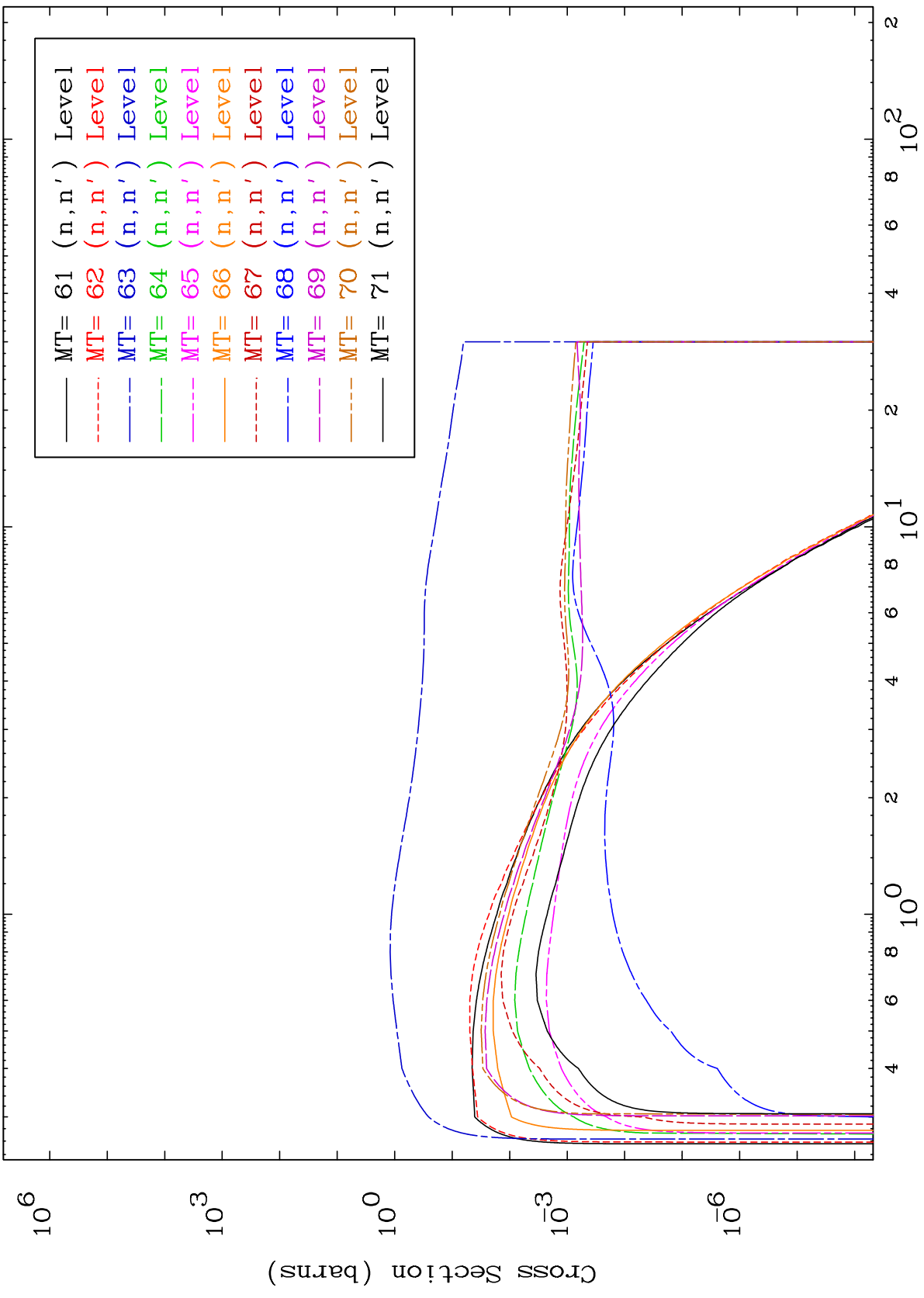
69-Tm-166

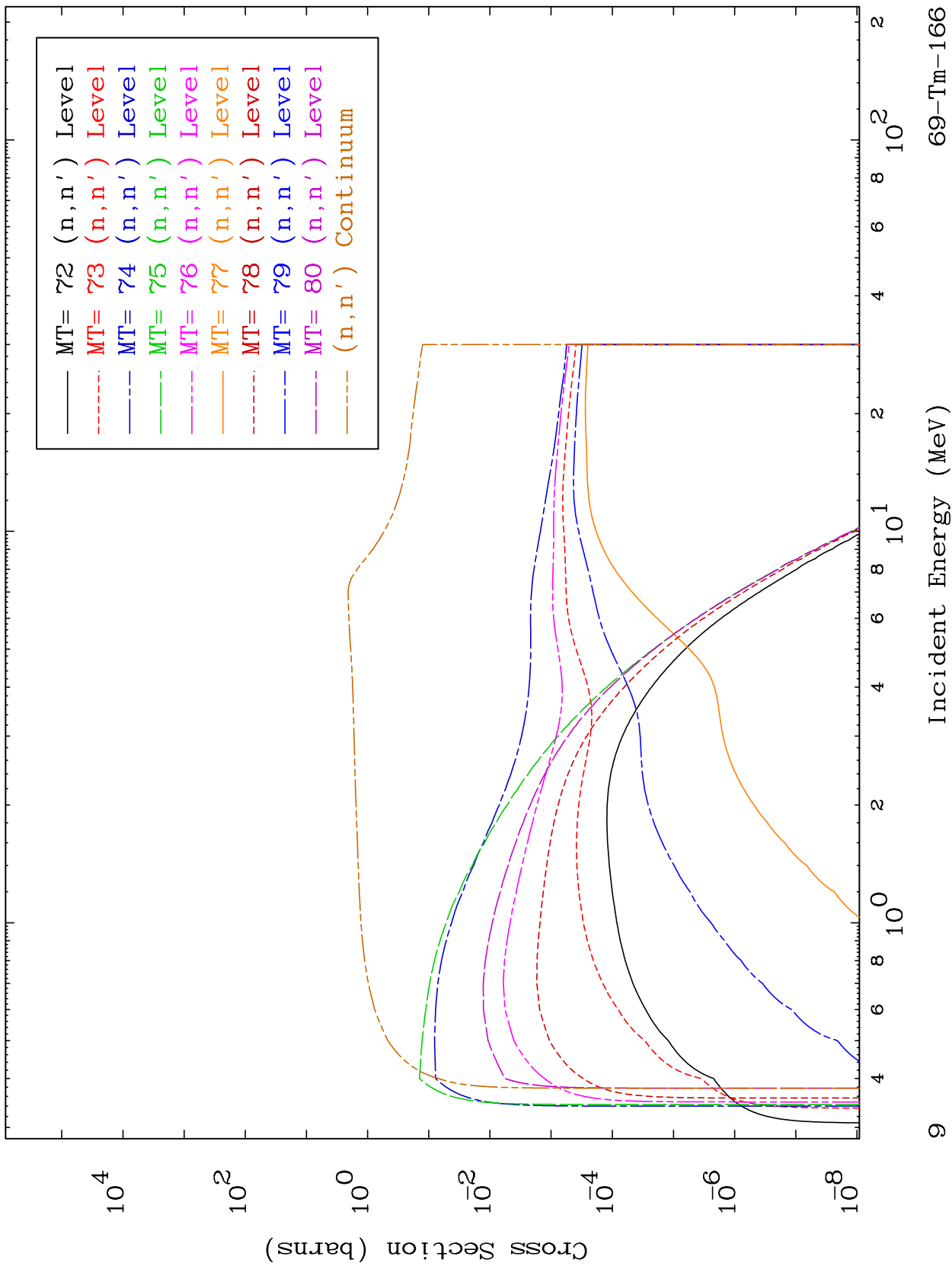
7

MAT 6916

(n,n') Level
293 Kelvin Cross Sections

69-Tm-166

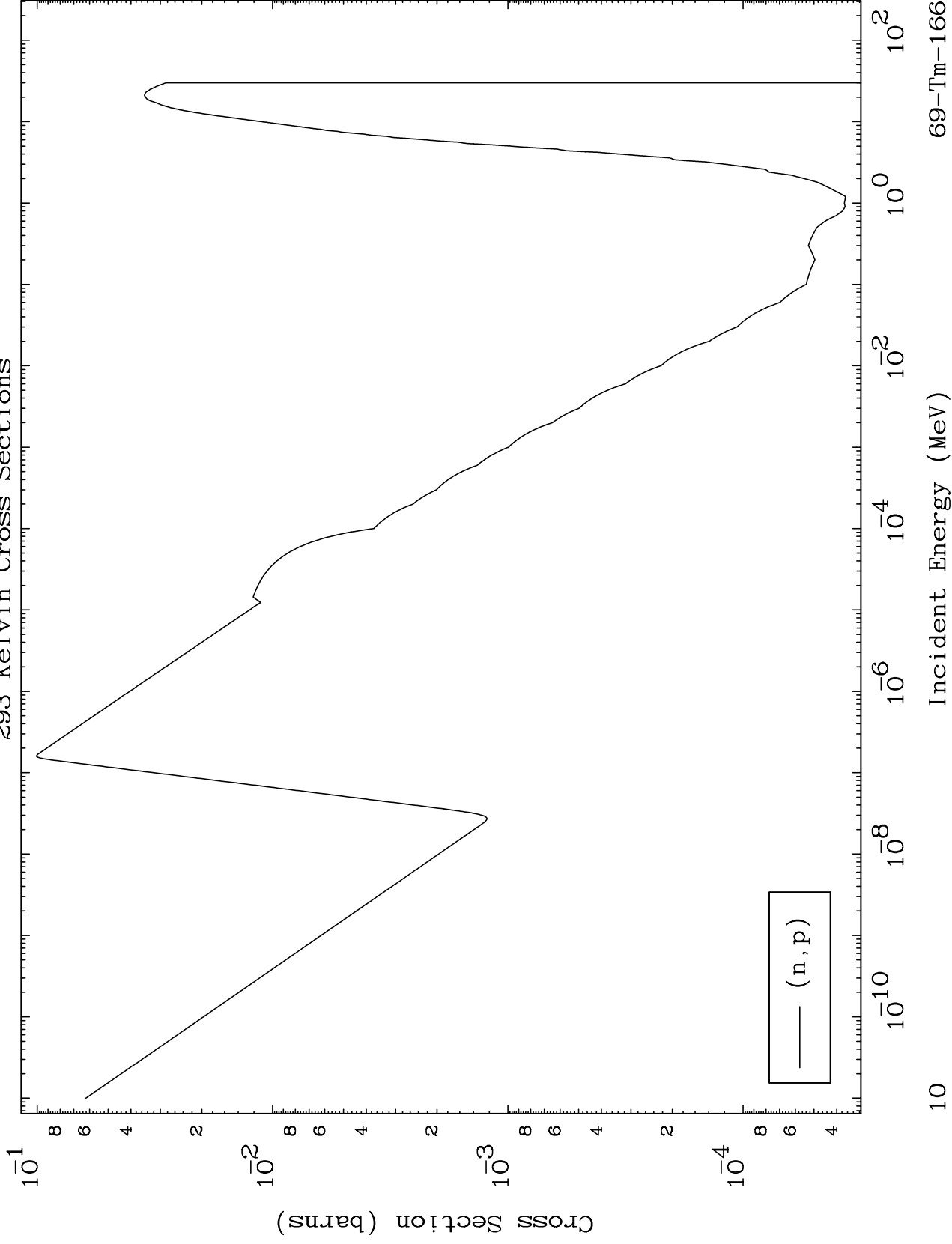




MAT 6916

(n,p) Levels
293 Kelvin Cross Sections

69-Tm-166



10

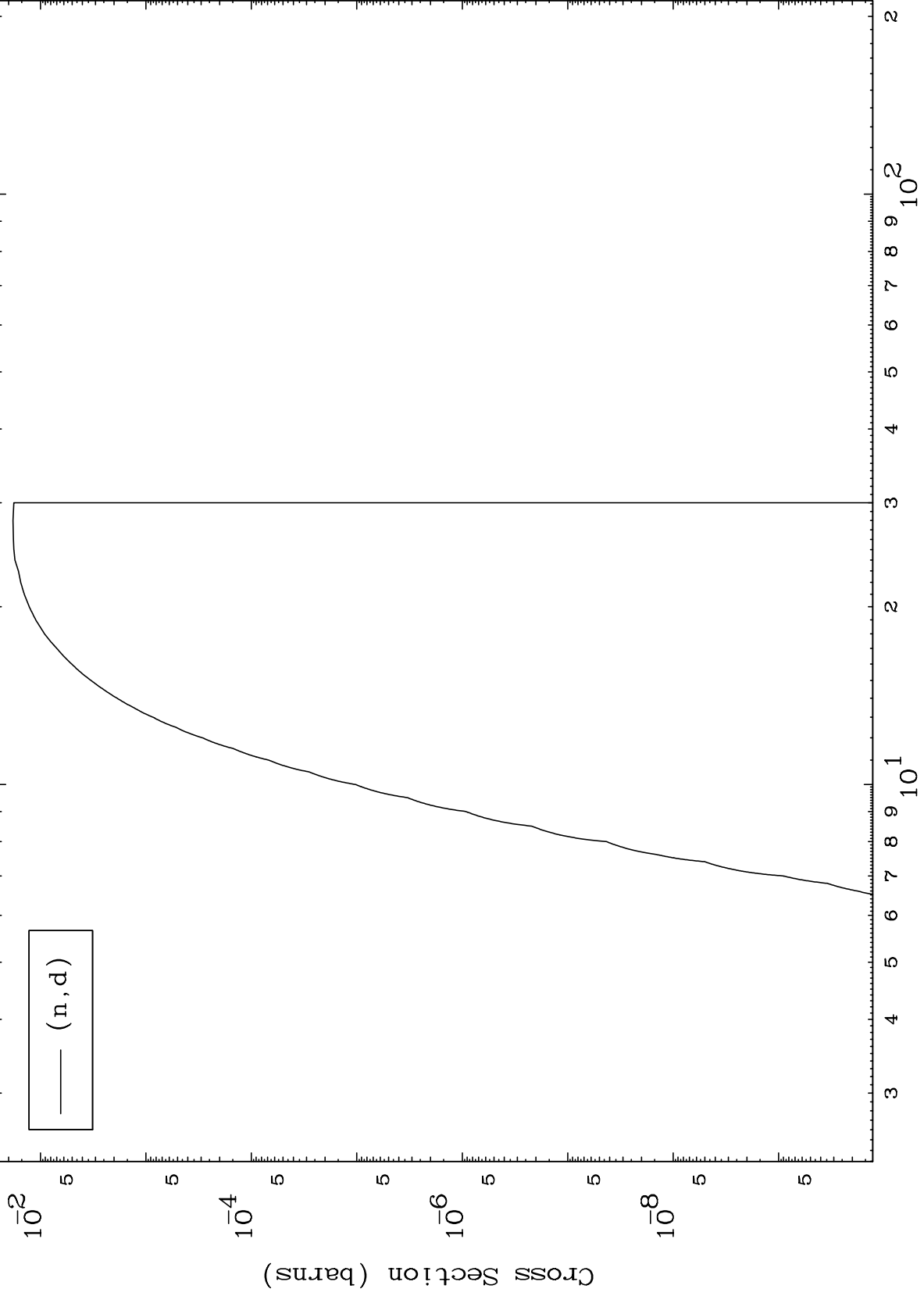
Incident Energy (MeV)

69-Tm-166

MAT 6916

(n,d) Levels
293 Kelvin Cross Sections

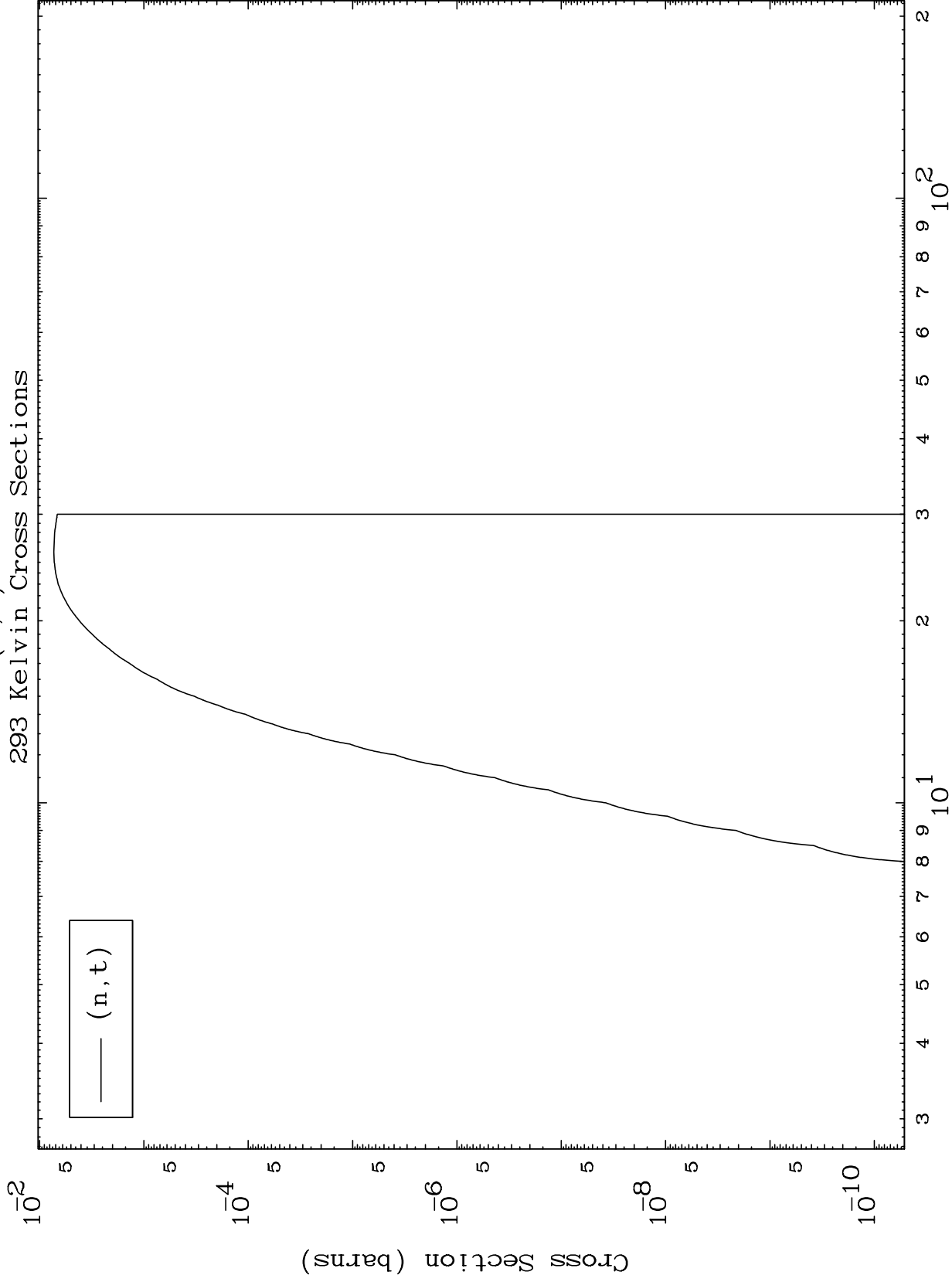
69-Tm-166



MAT 6916

(n,t) Levels
293 Kelvin Cross Sections

69-Tm-166



12

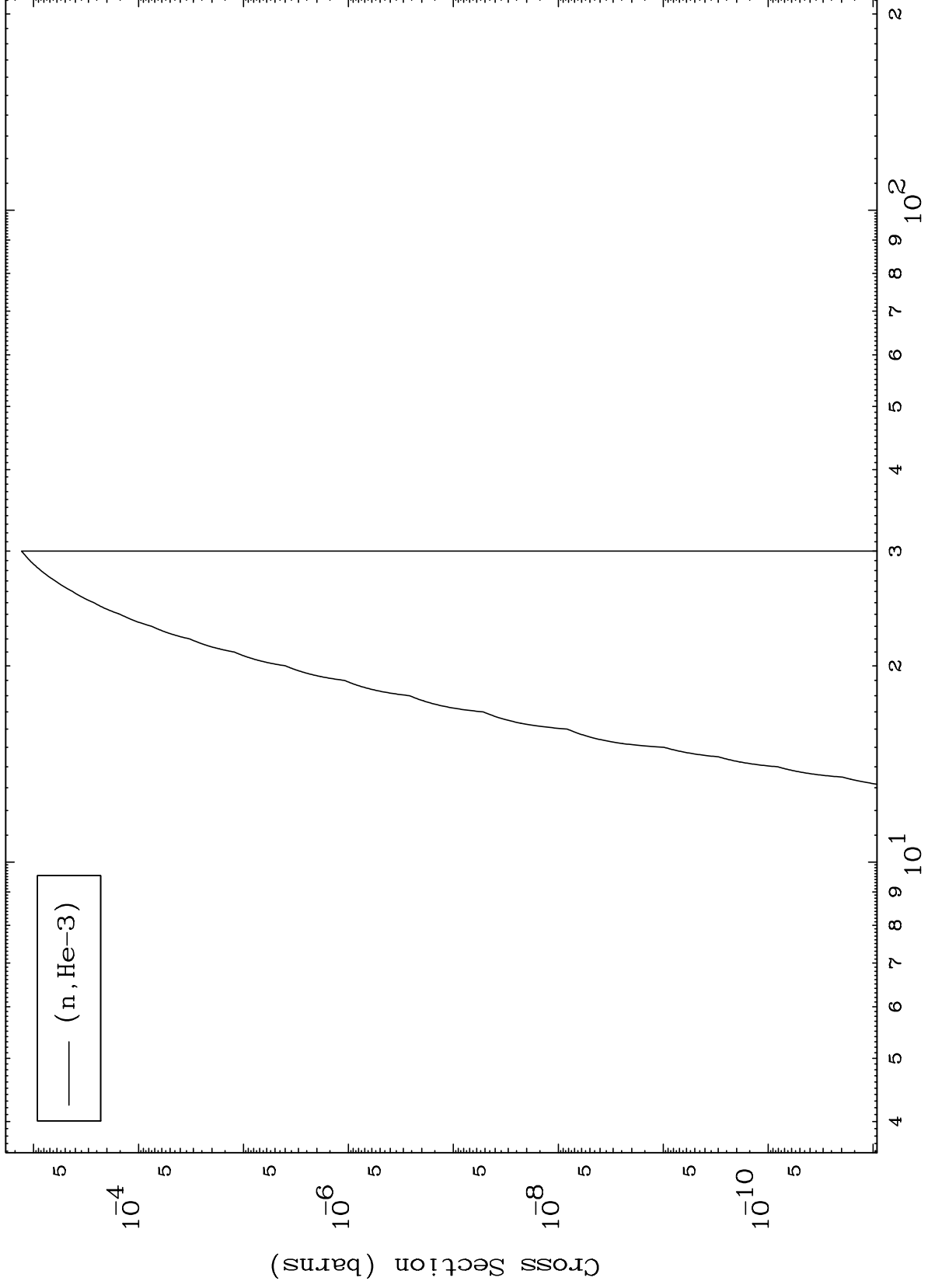
Incident Energy (MeV)

69-Tm-166

MAT 6916

(n,He3) Levels
293 Kelvin Cross Sections

69-Tm-166



13

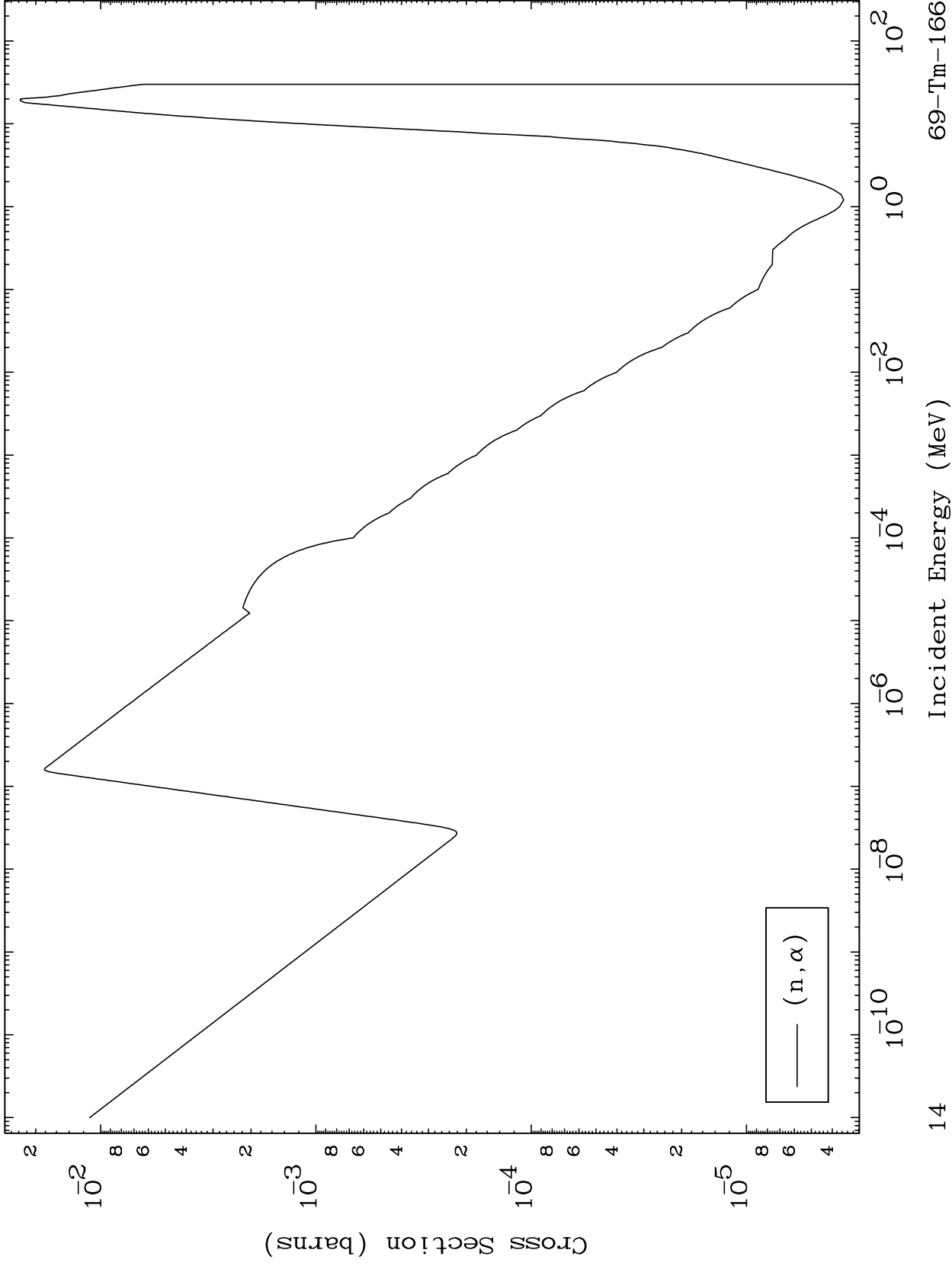
Incident Energy (MeV)

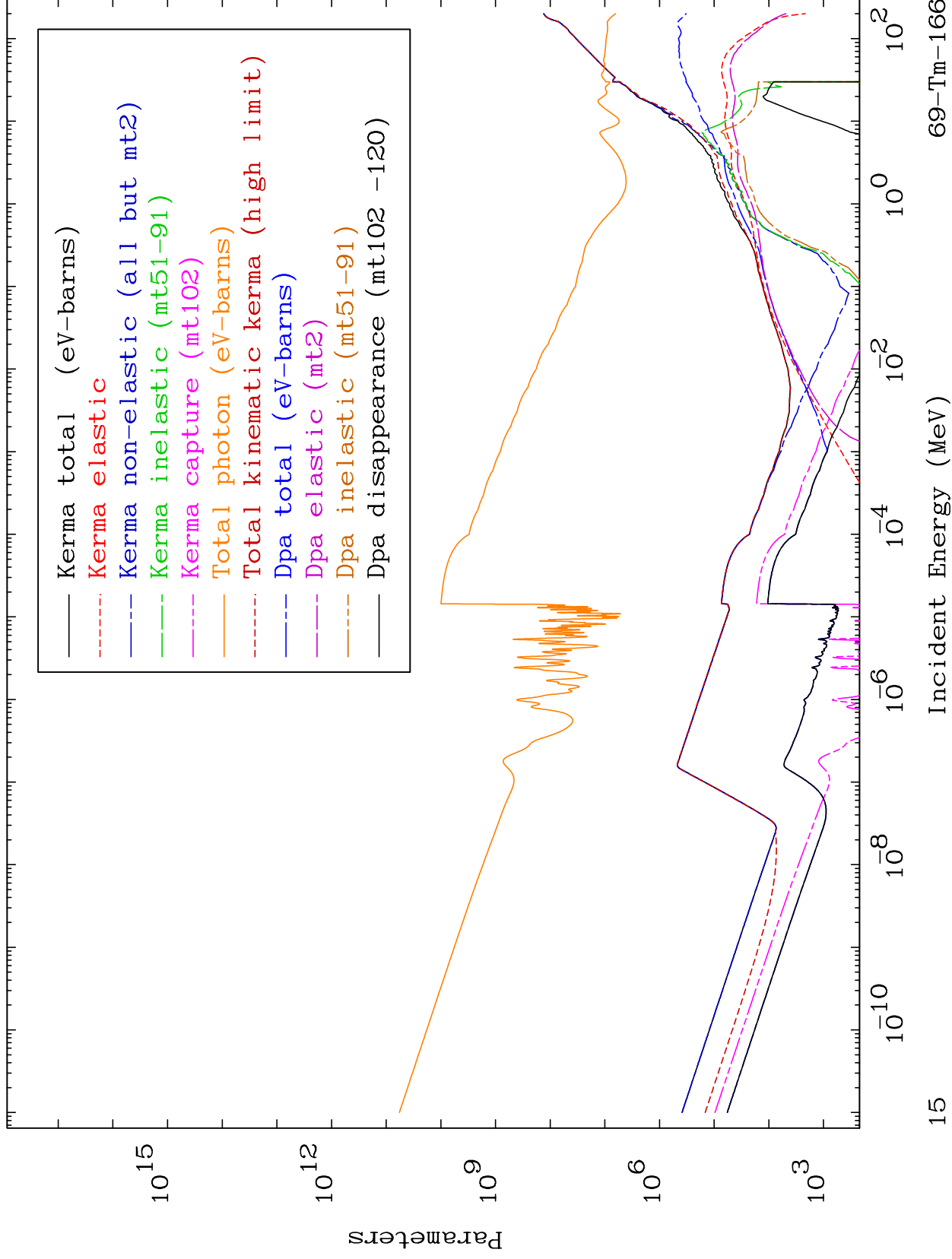
69-Tm-166

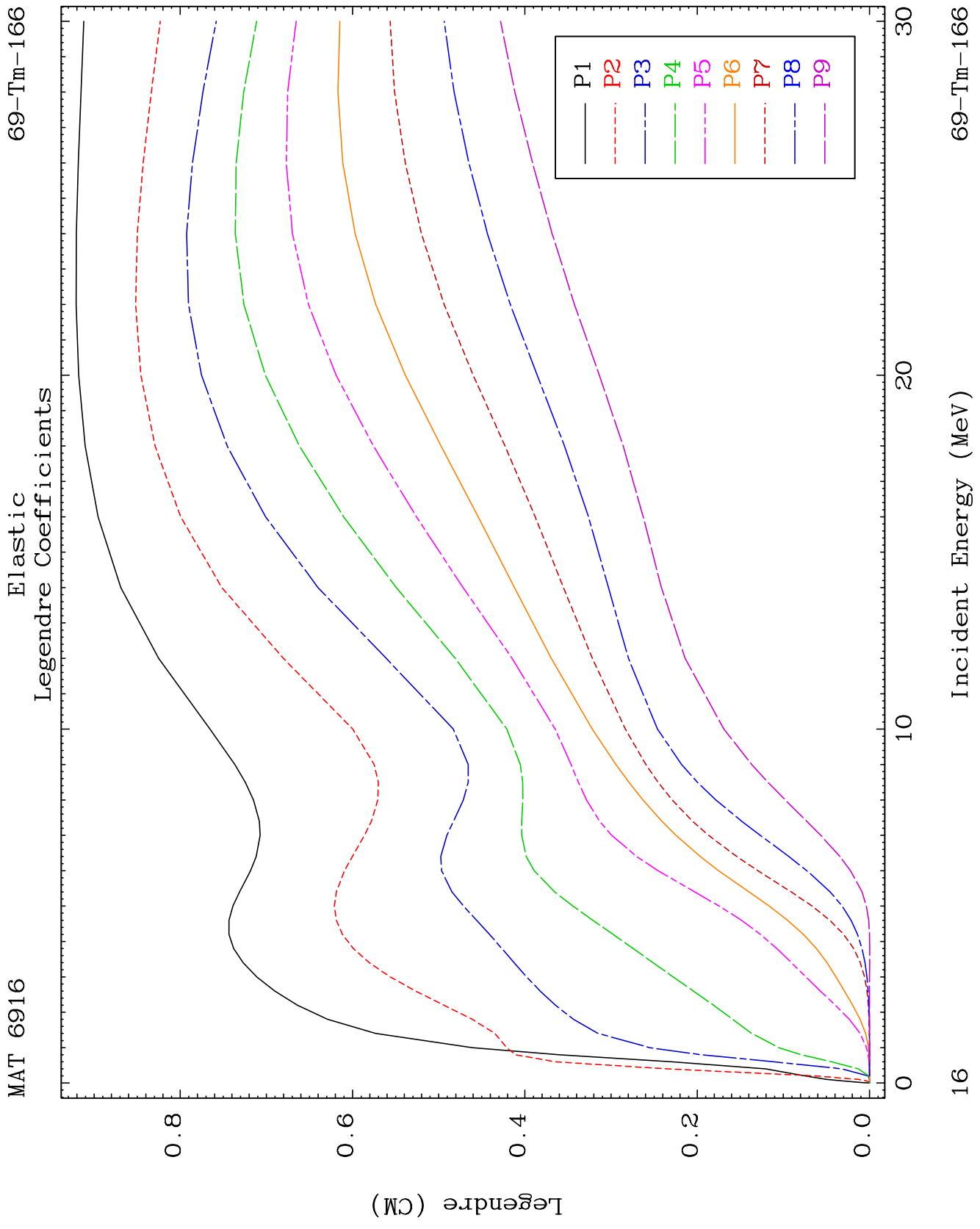
MAT 6916

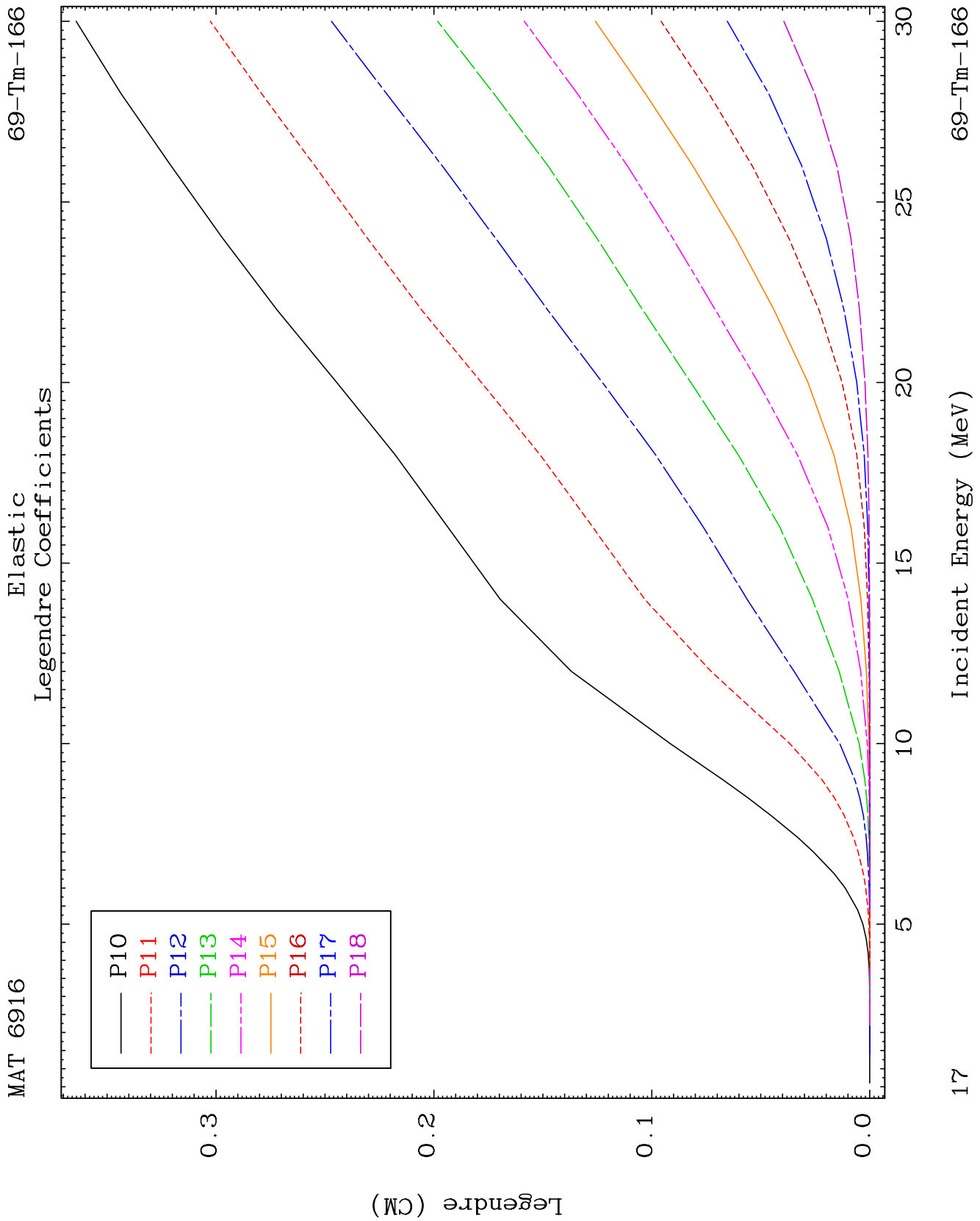
(n,α) Levels
293 Kelvin Cross Sections

69-Tm-166





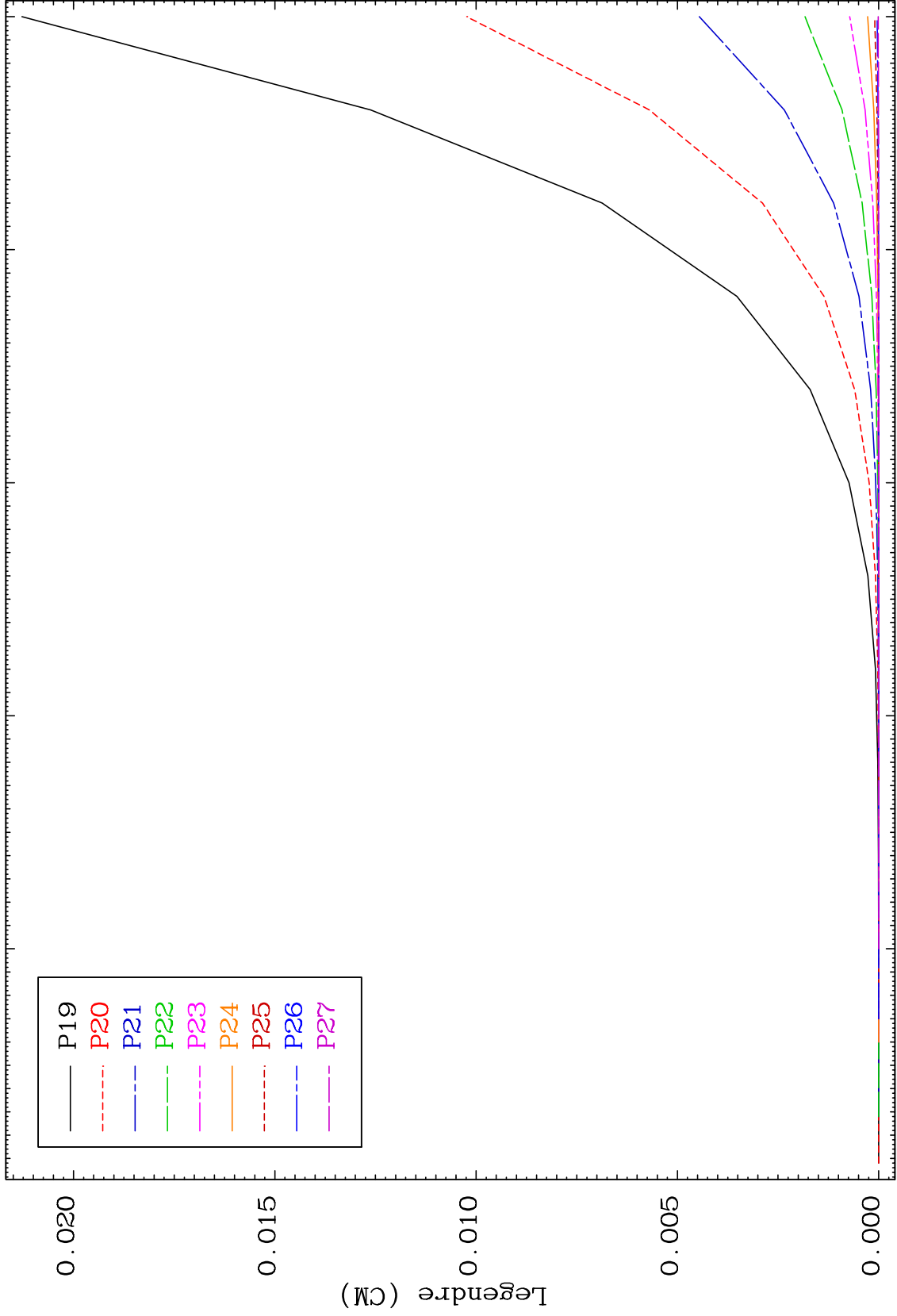




MAT 6916

Elastic Legendre Coefficients

69-Tm-166



18

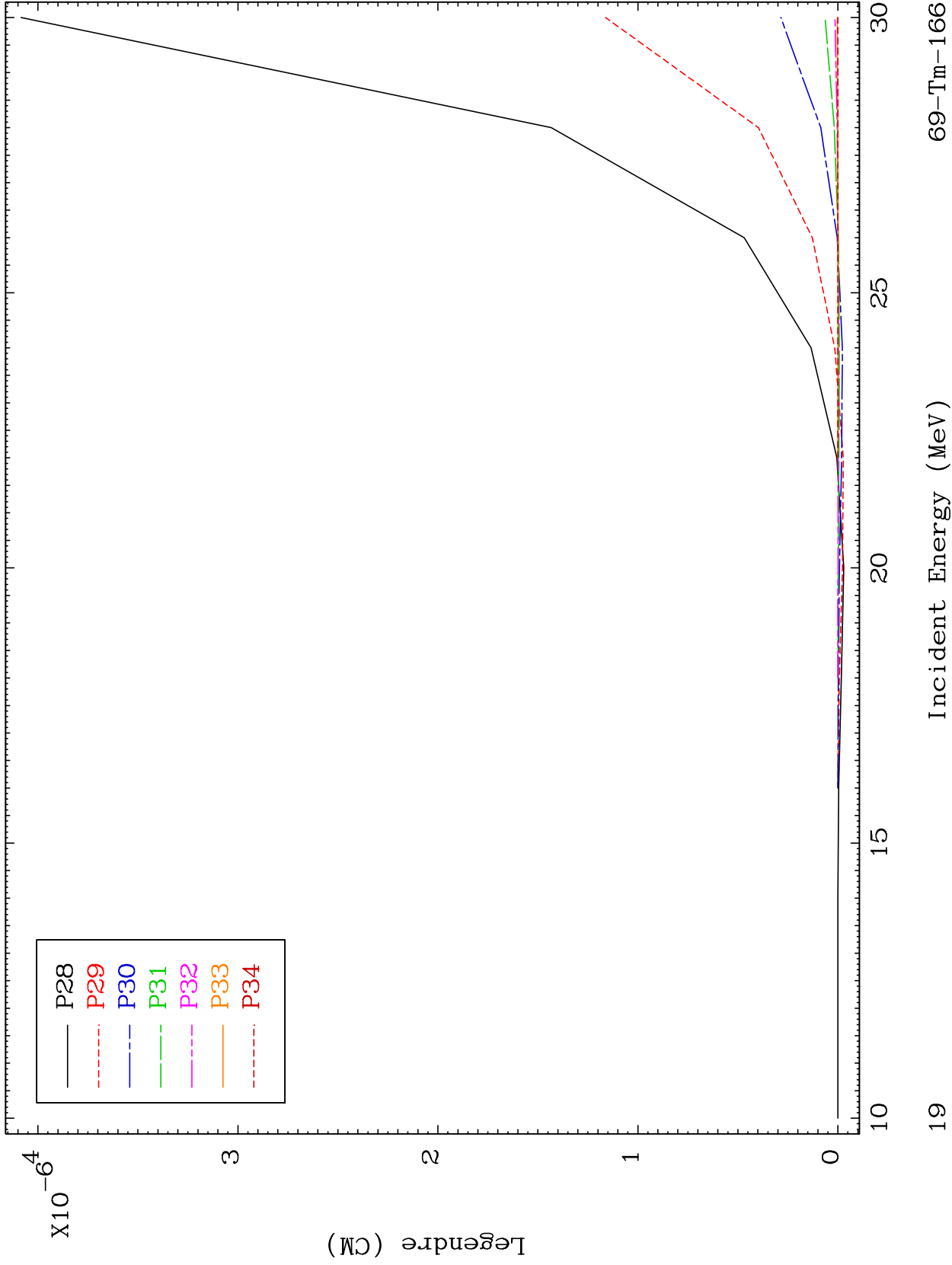
Incident Energy (MeV)

69-Tm-166

MAT 6916

Elastic
Legendre Coefficients

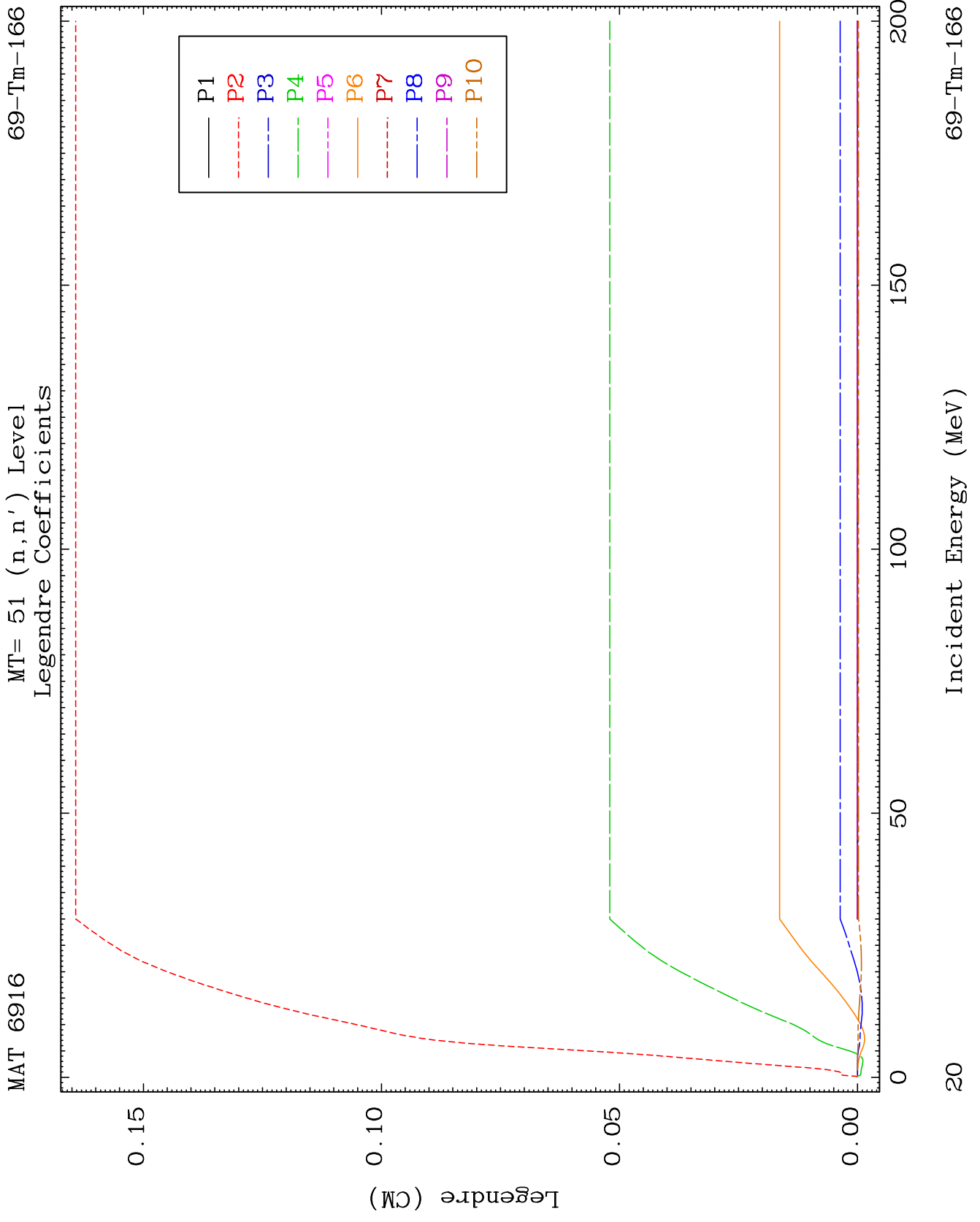
69-Tm-166

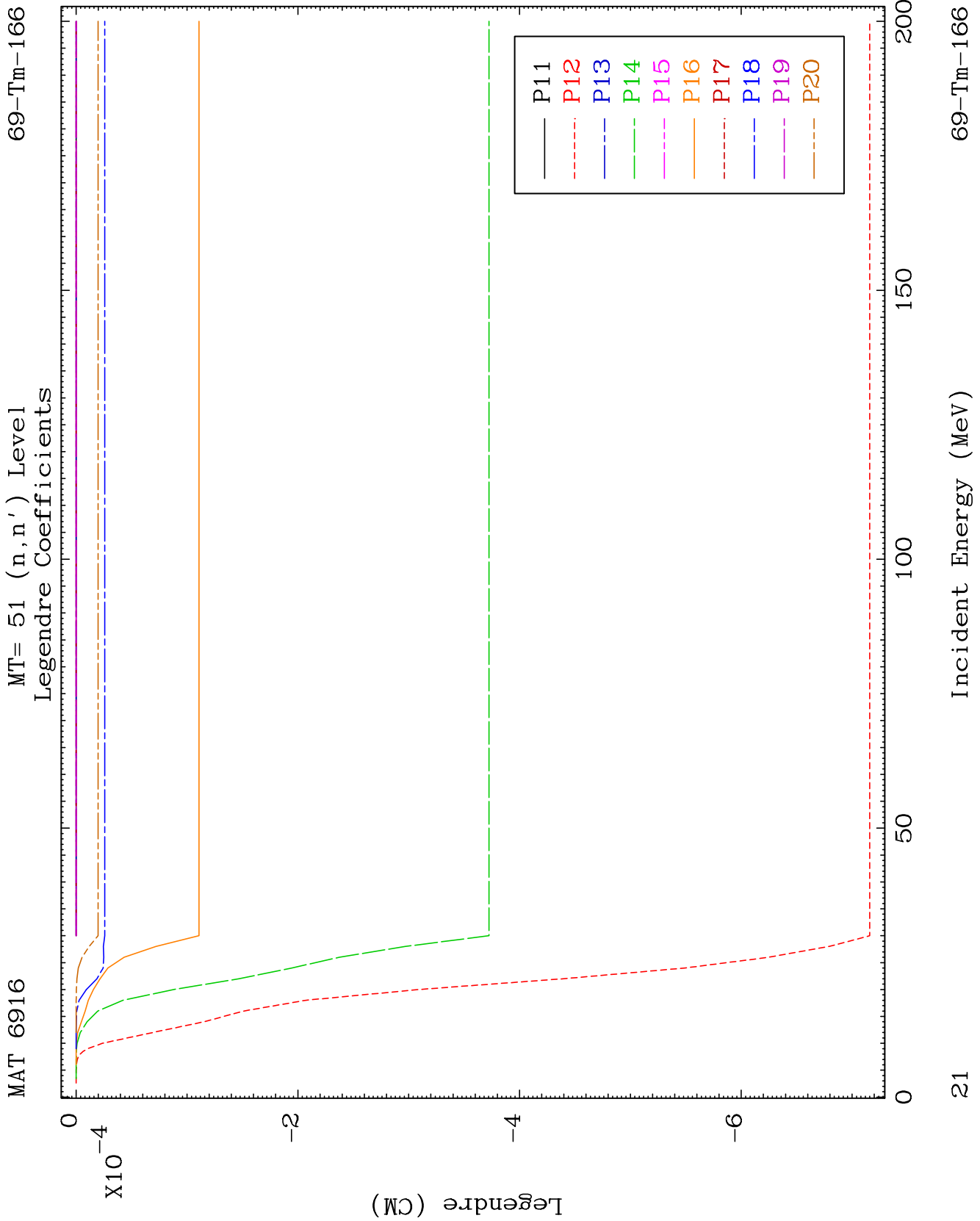


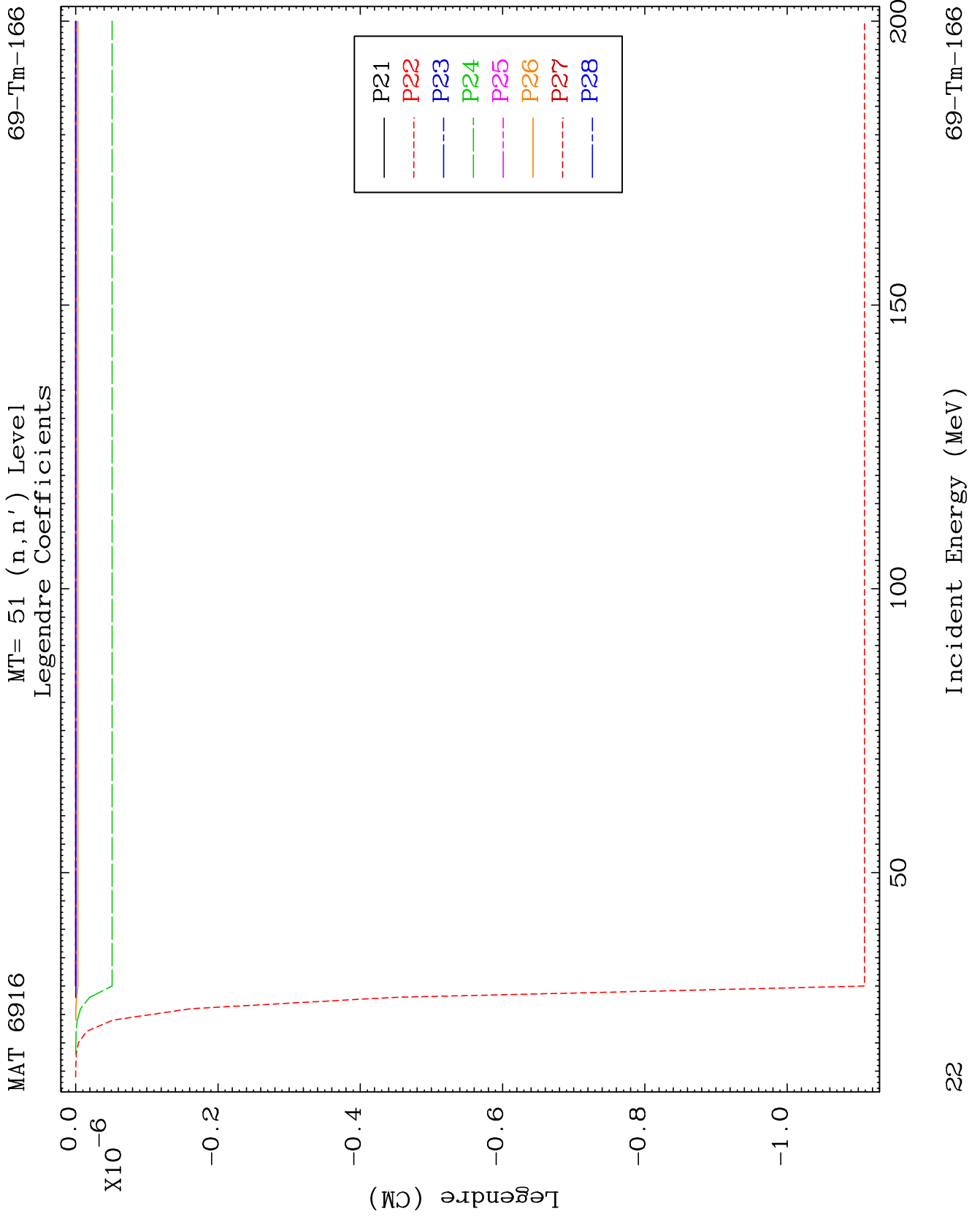
19

Incident Energy (MeV)

69-Tm-166



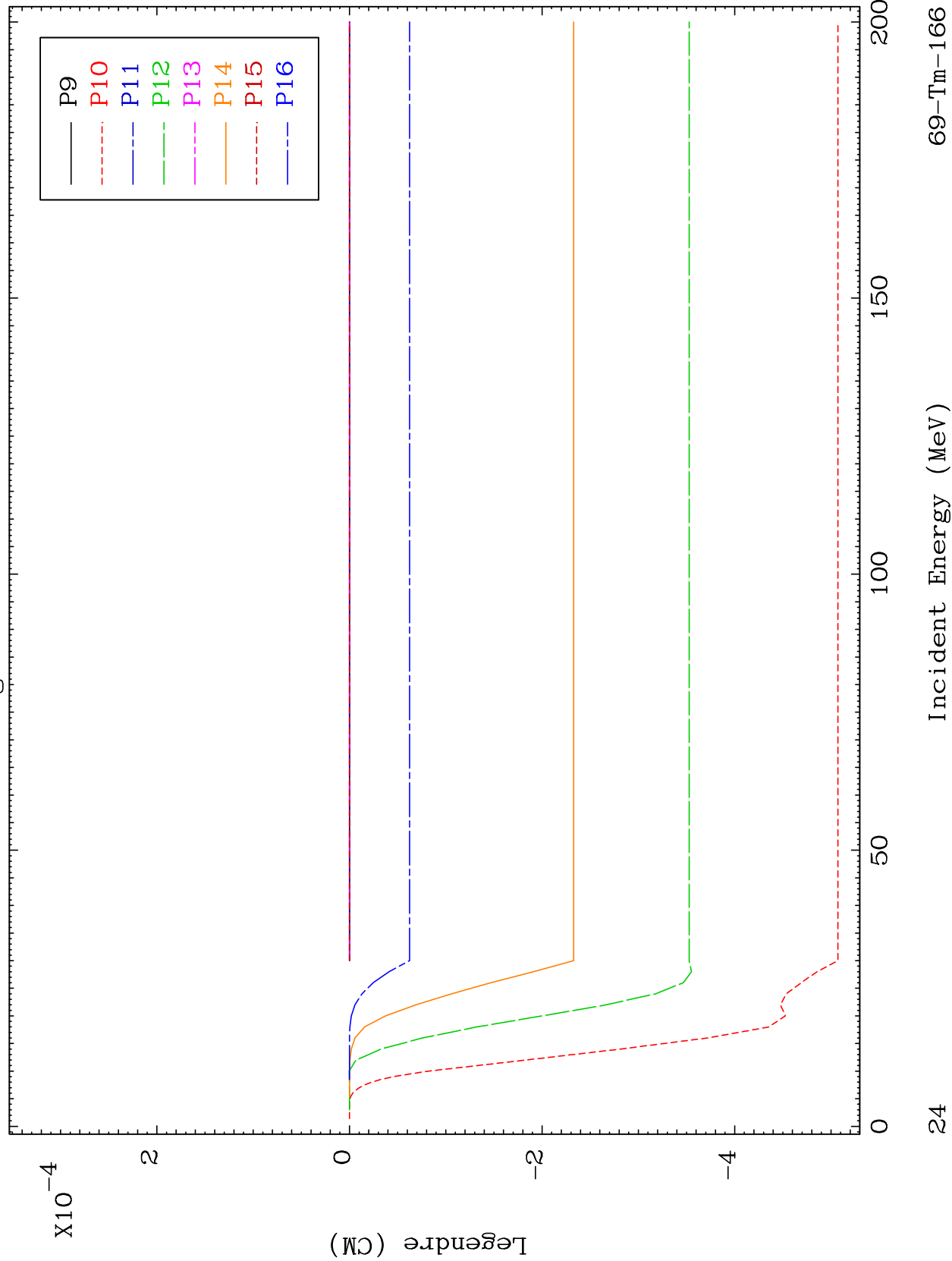




MAT 6916

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

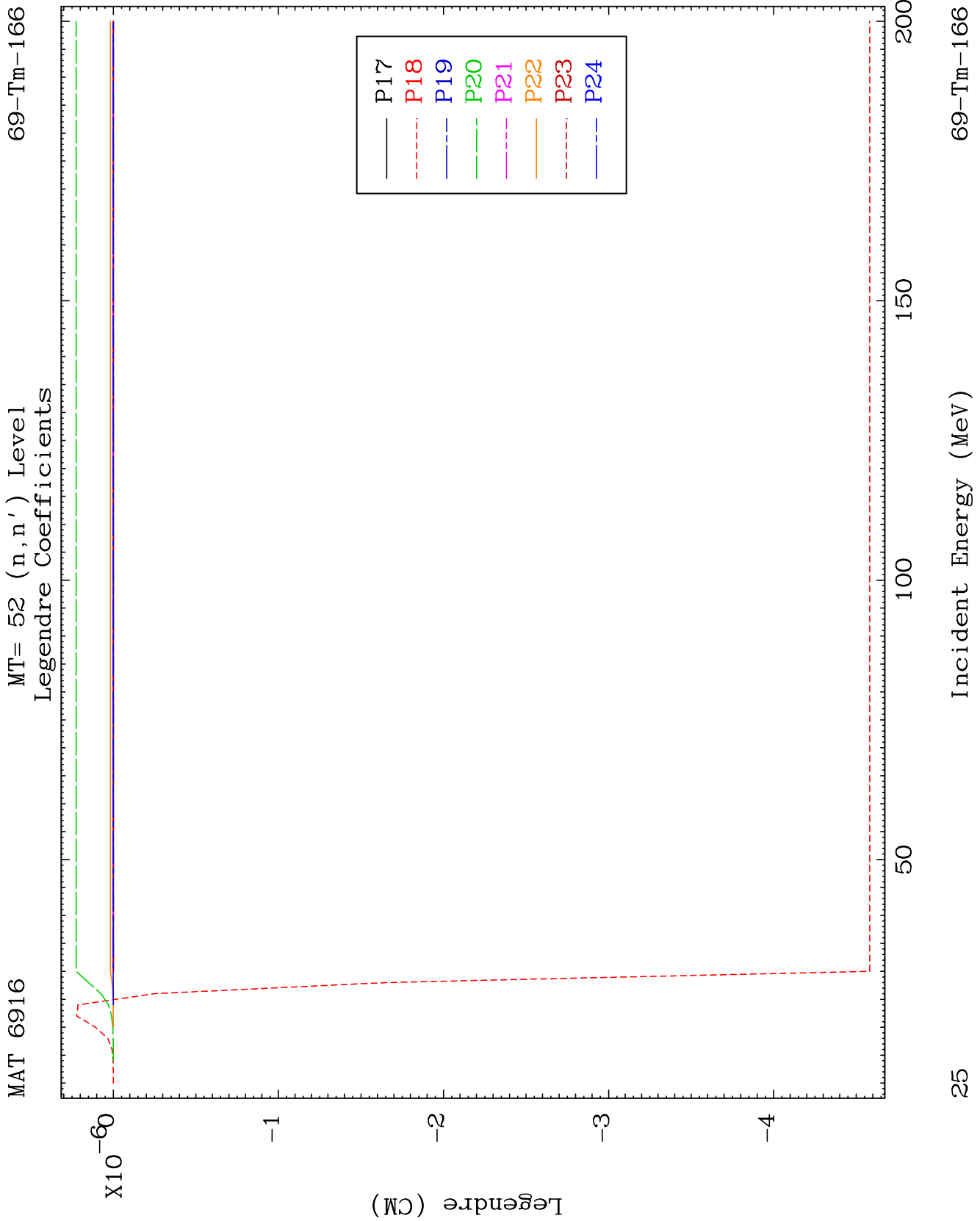
69-Tm-166



24

Incident Energy (MeV)

69-Tm-166

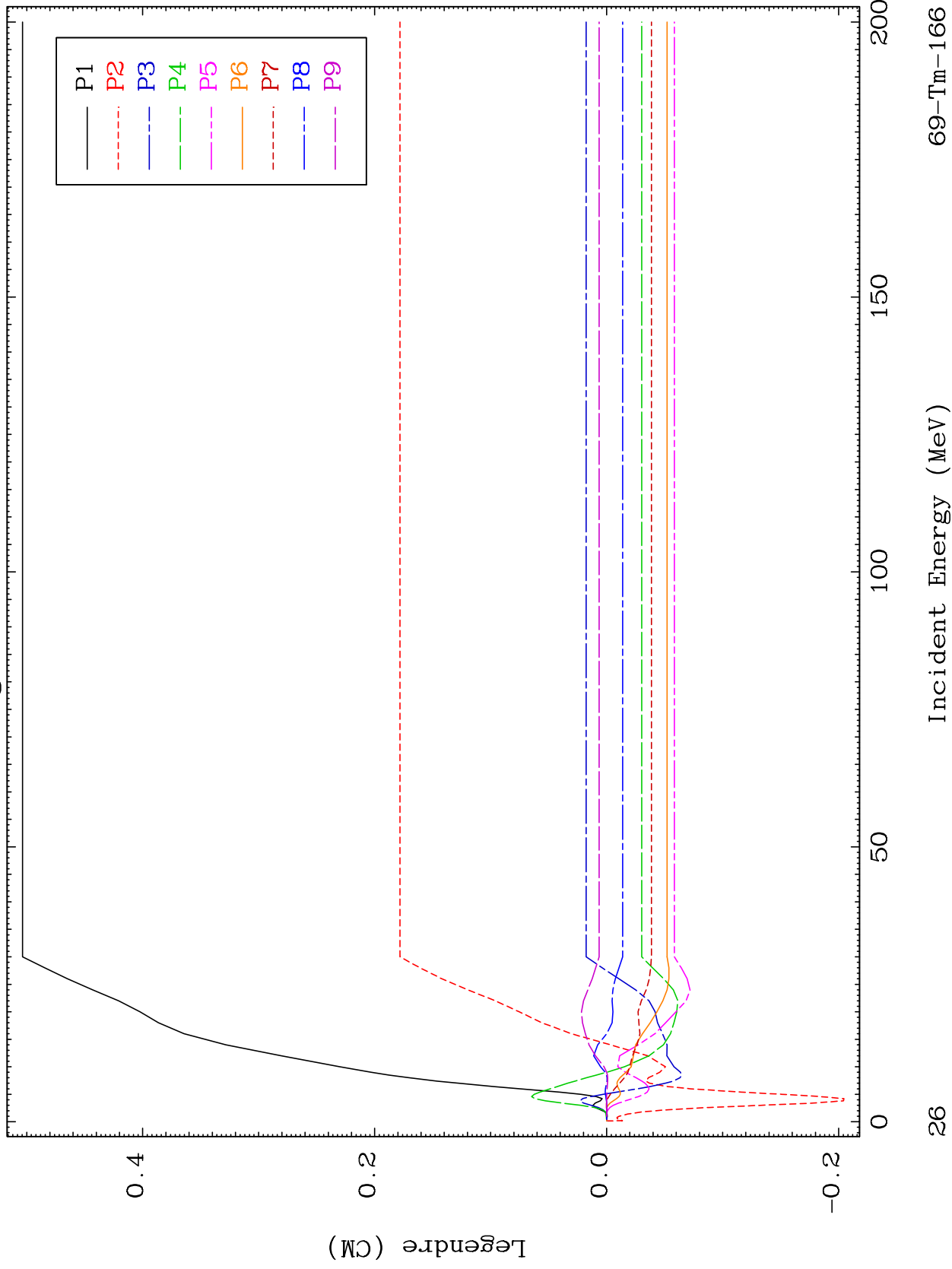


MAT 6916

MT= 53 (n,n') Level

69-Tm-166

Legendre Coefficients



69-Tm-166

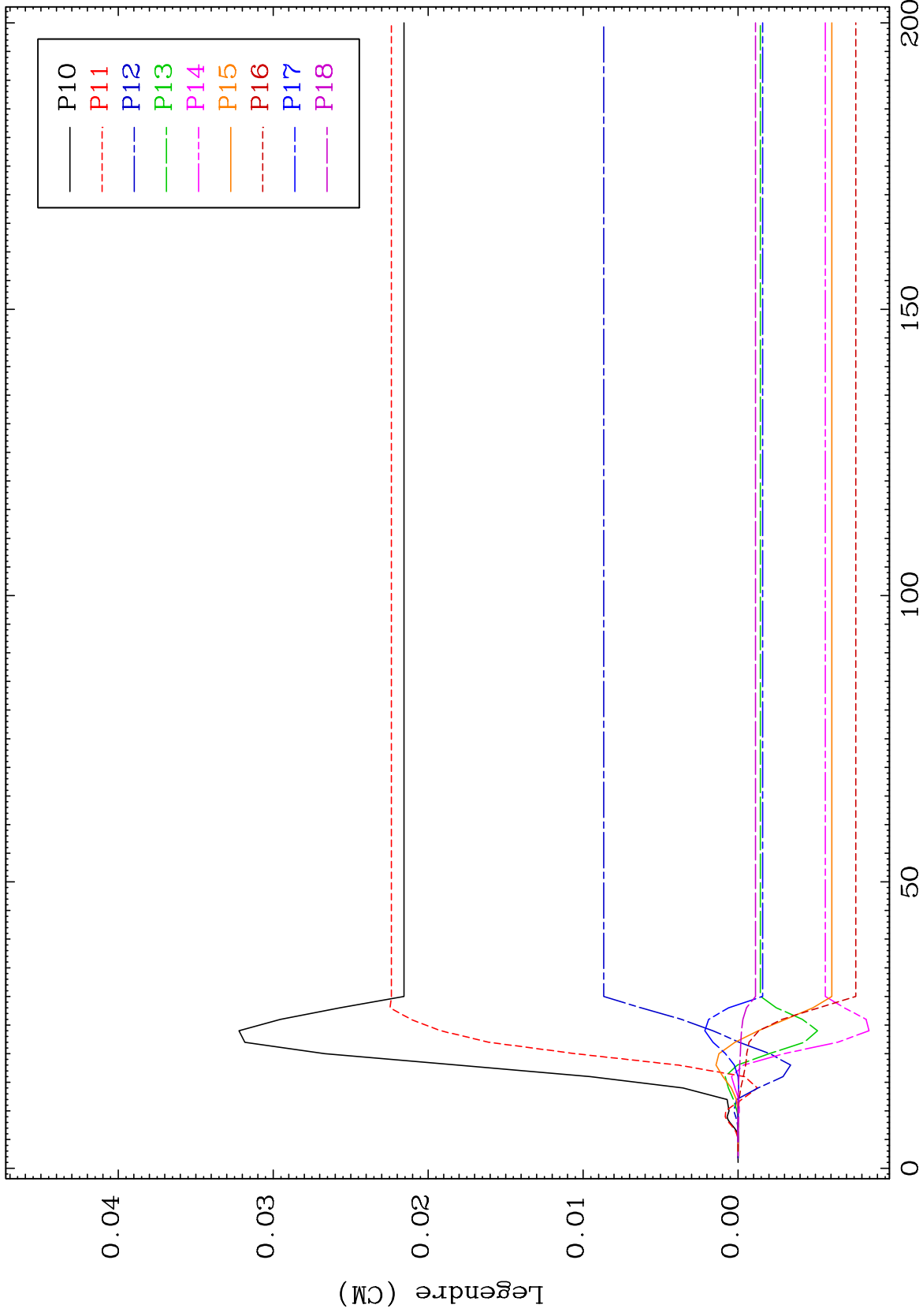
Incident Energy (MeV)

26

MAT 6916

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

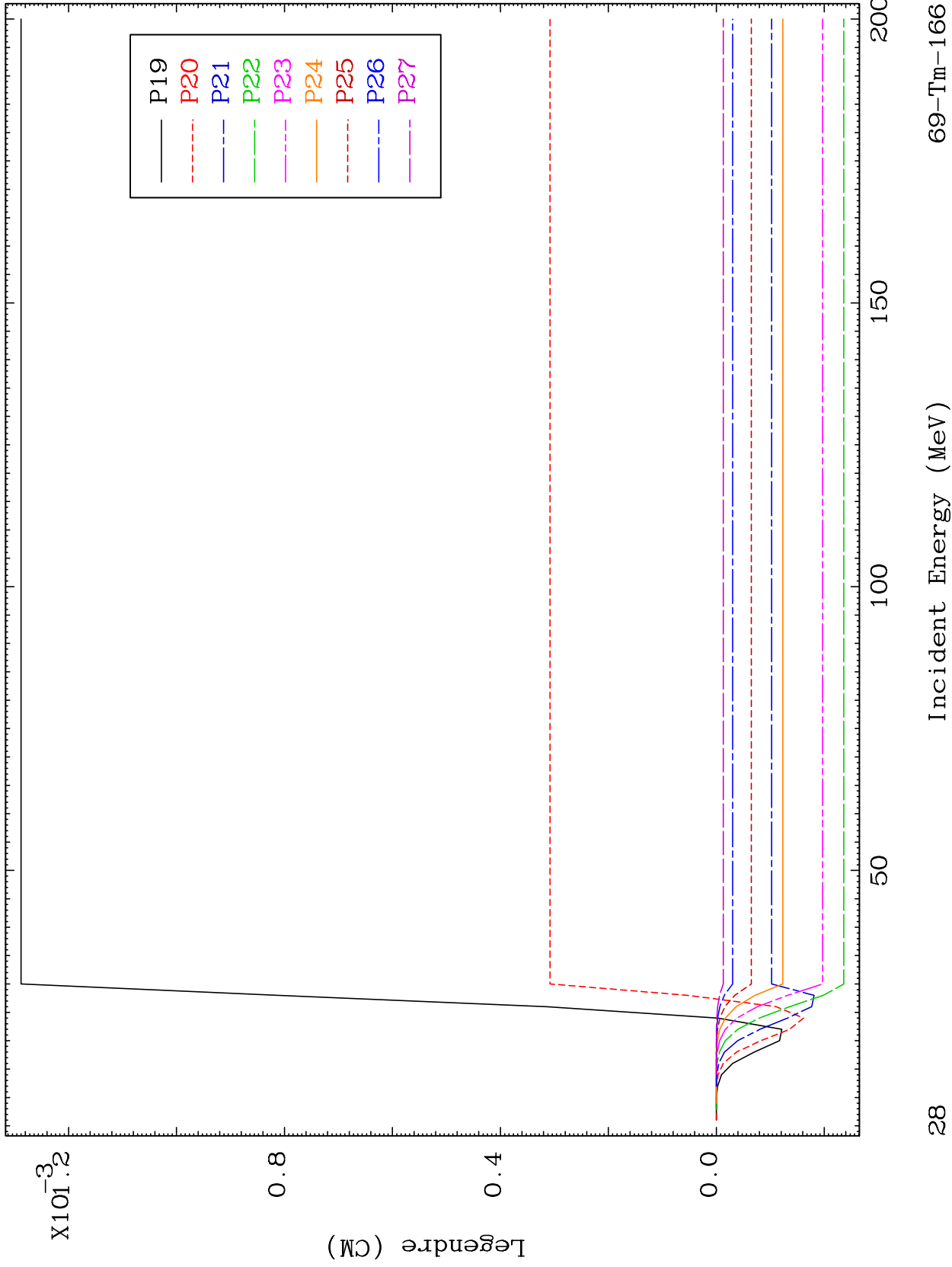
69-Tm-166

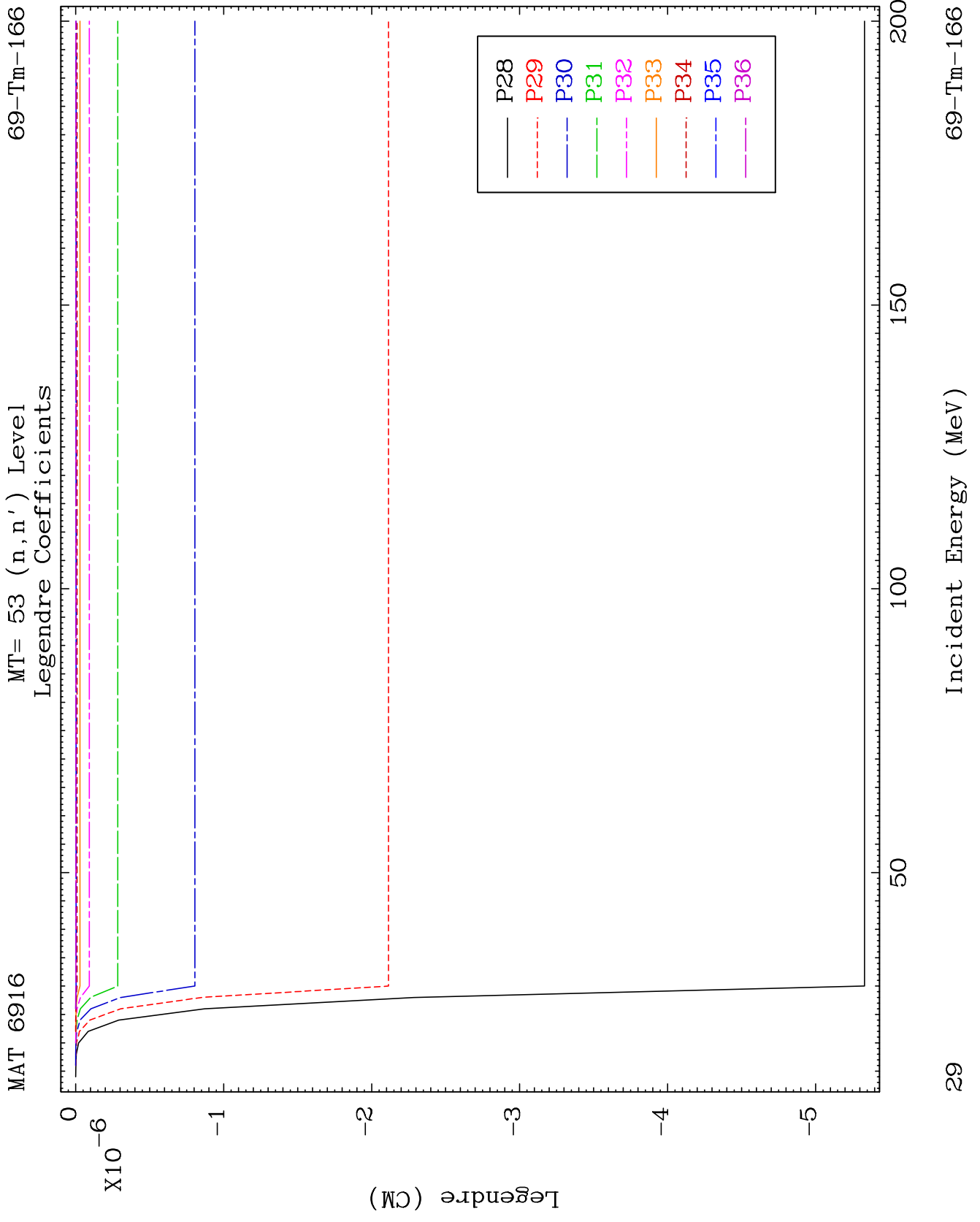


27

Incident Energy (MeV)

69-Tm-166

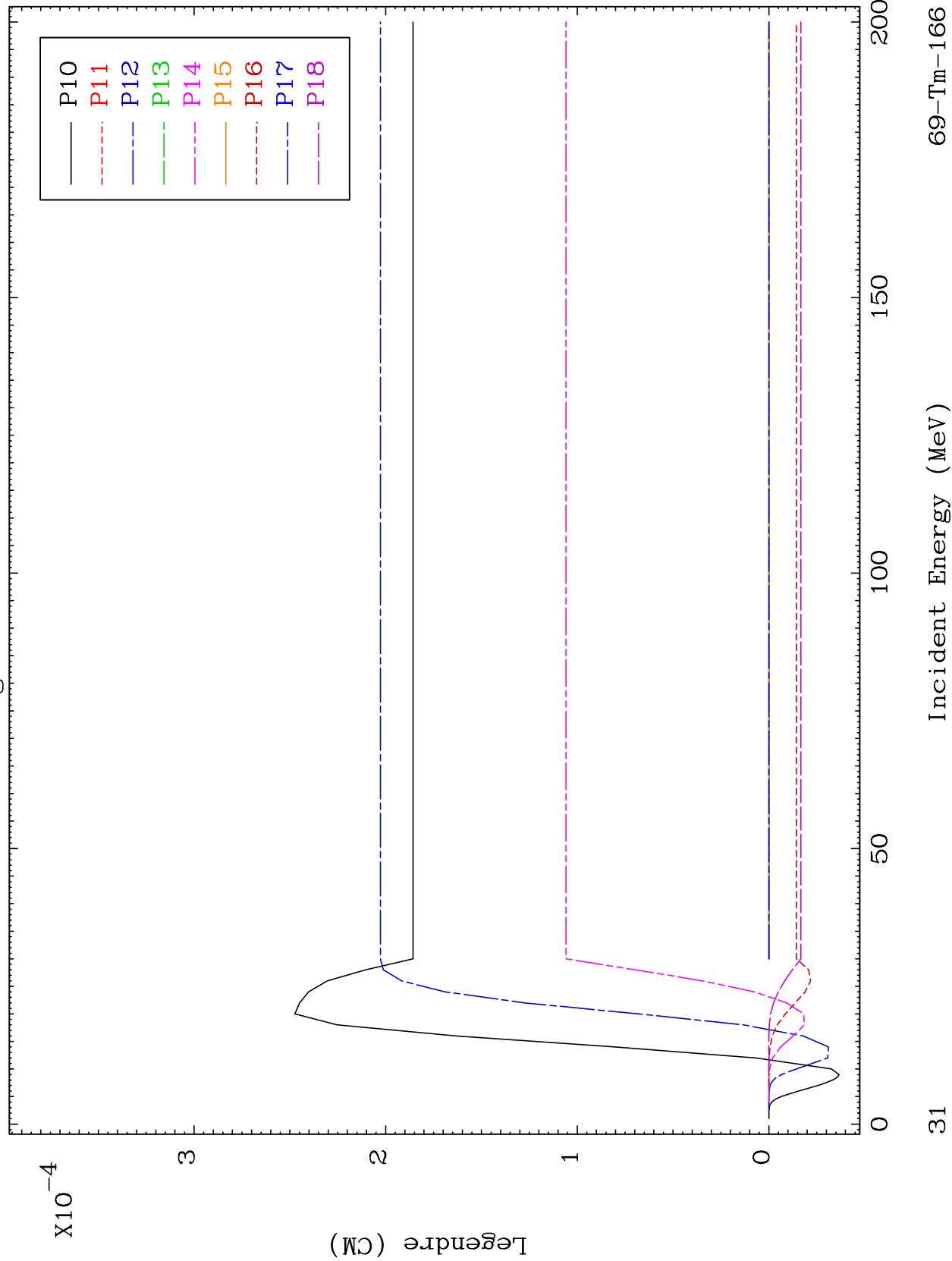




MAT 6916

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

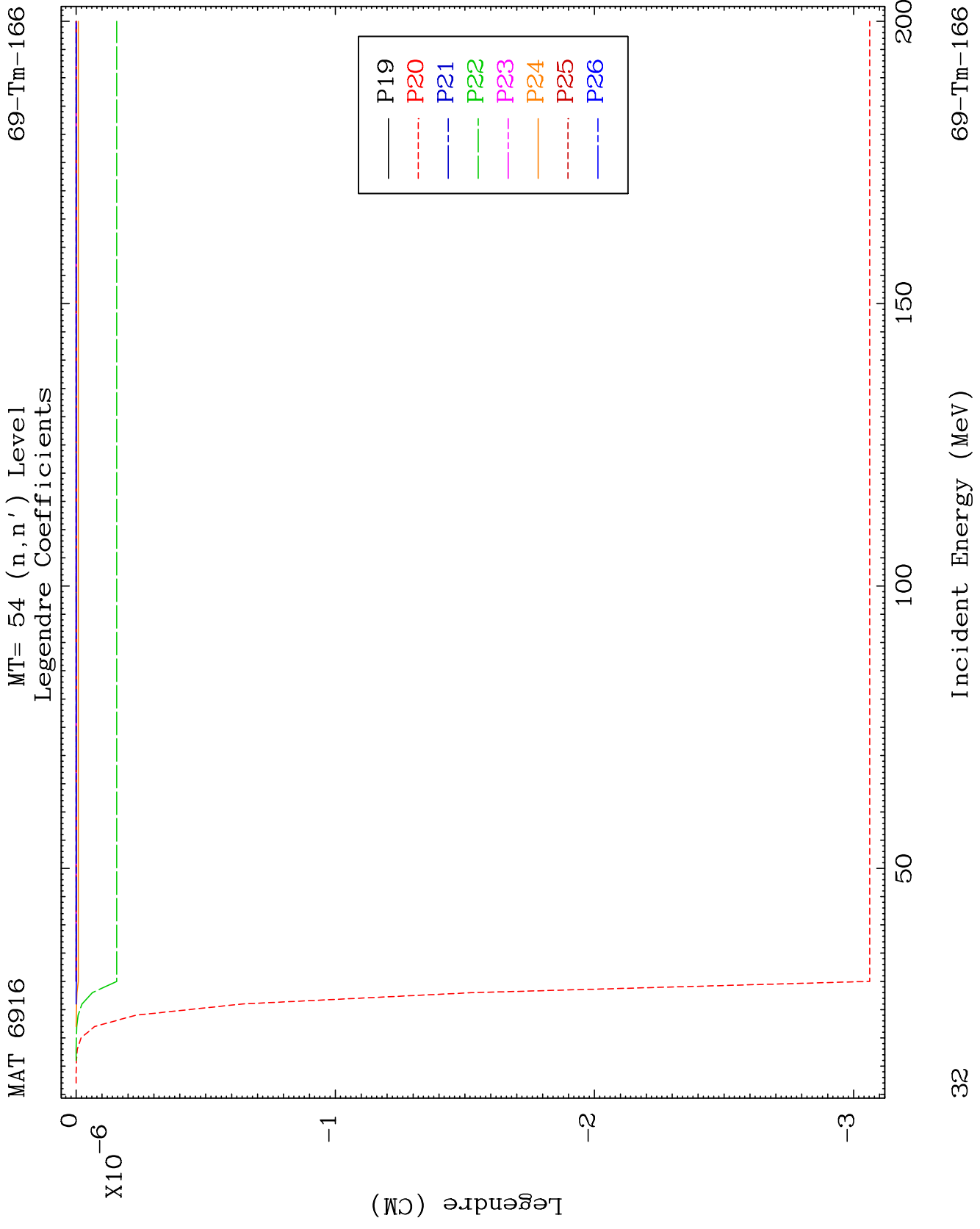
69-Tm-166



31

Incident Energy (MeV)

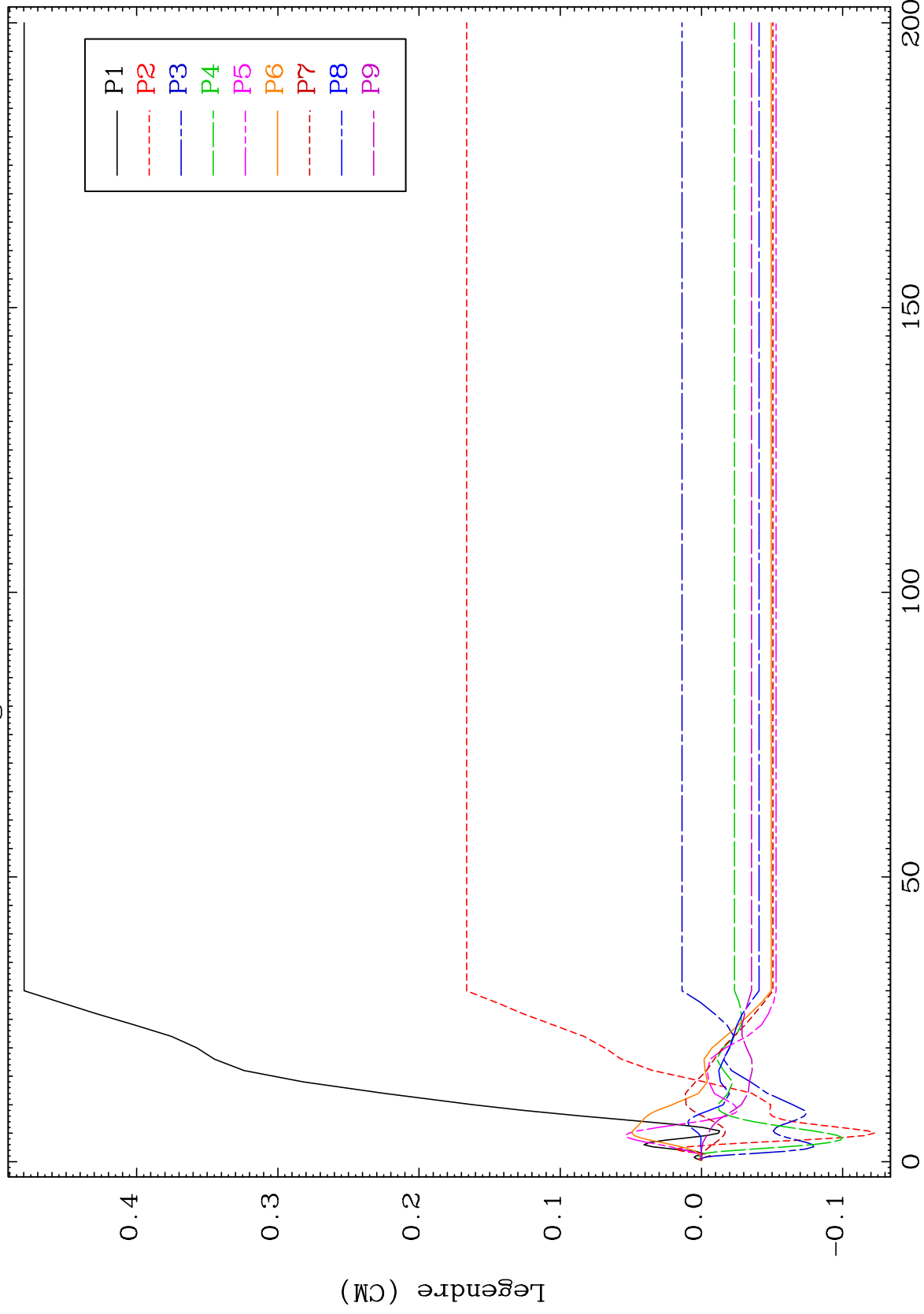
69-Tm-166



MAT 6916

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

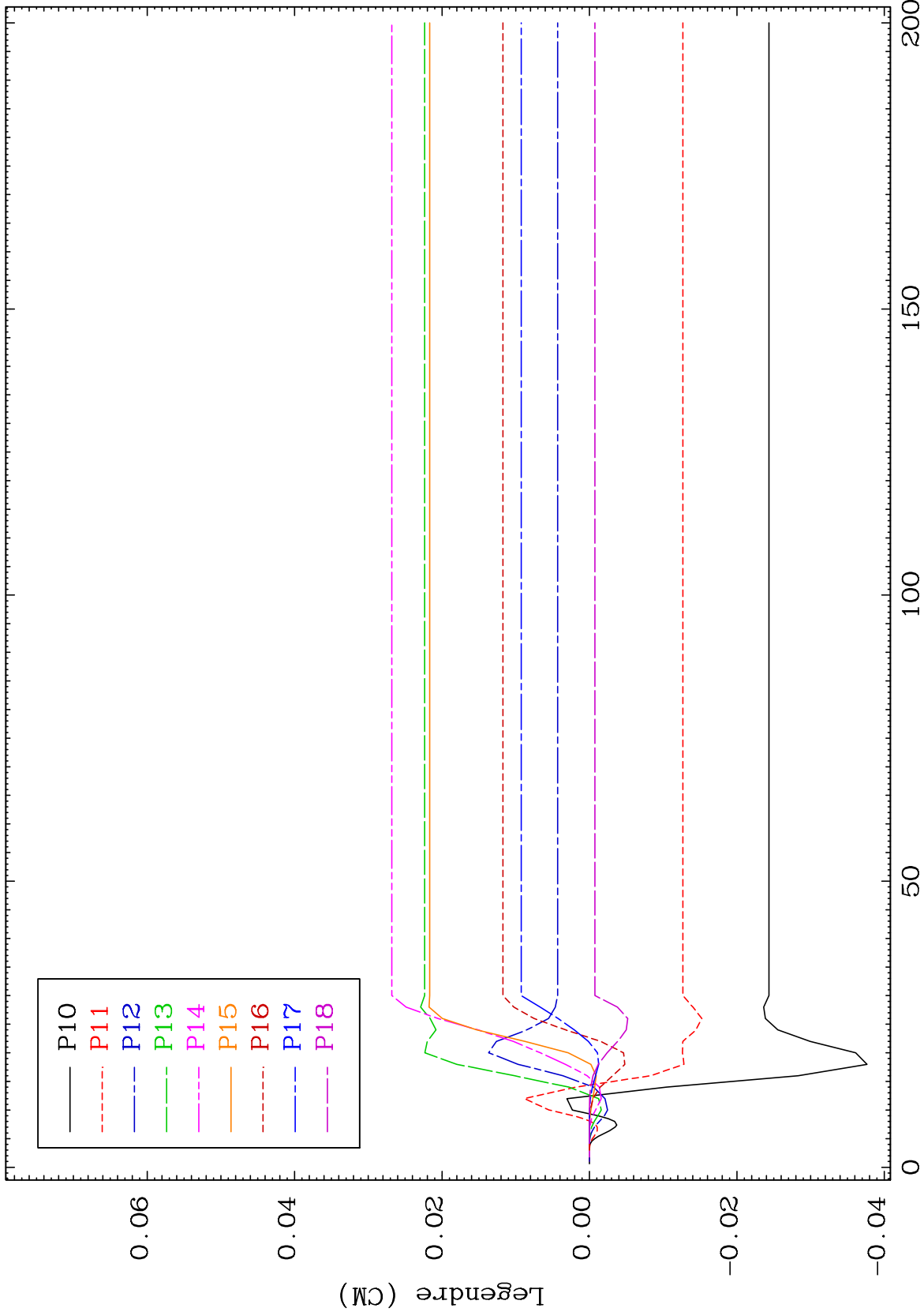
69-Tm-166



33

Incident Energy (MeV)

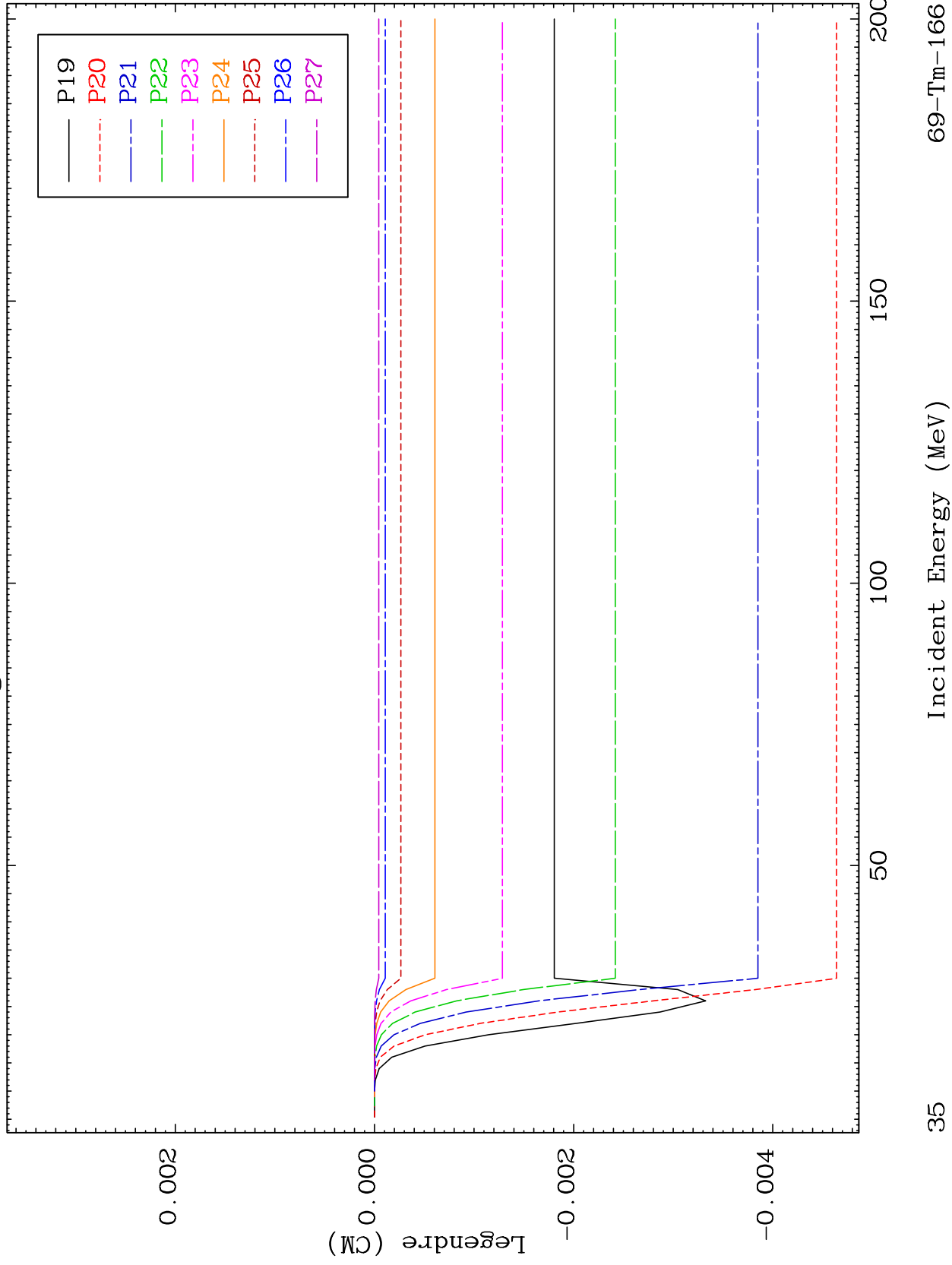
69-Tm-166



MAT 6916

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

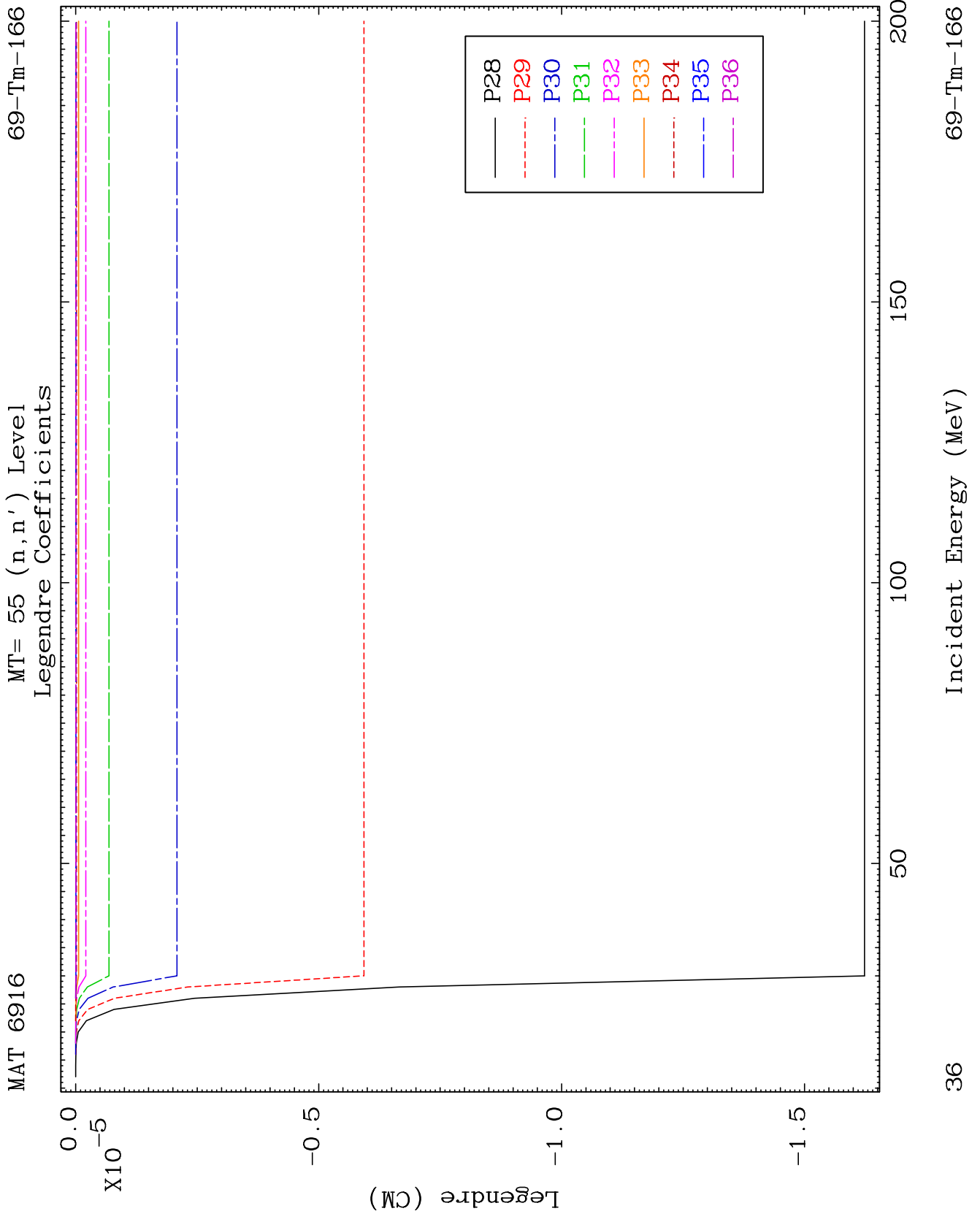
69-Tm-166

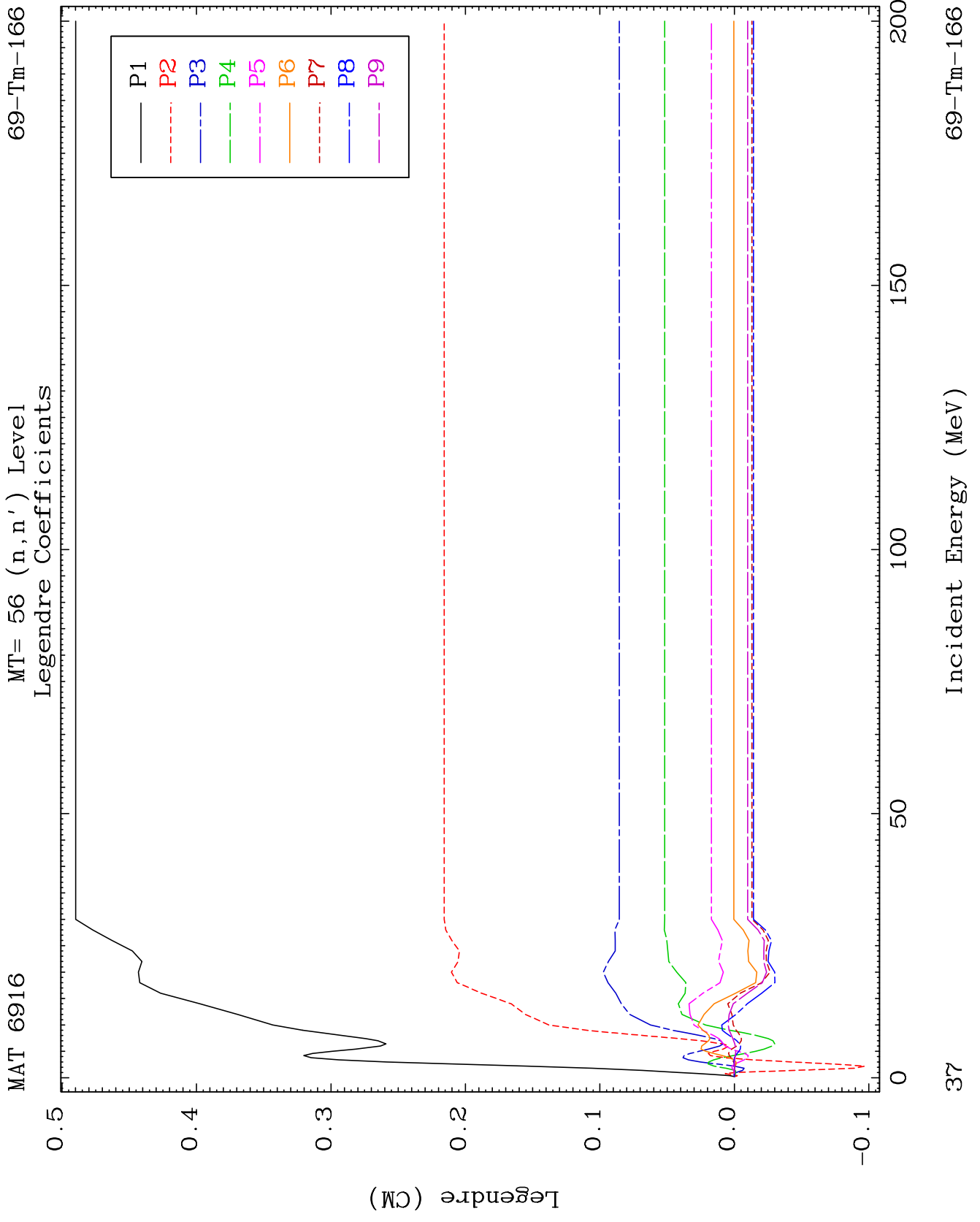


35

Incident Energy (MeV)

69-Tm-166

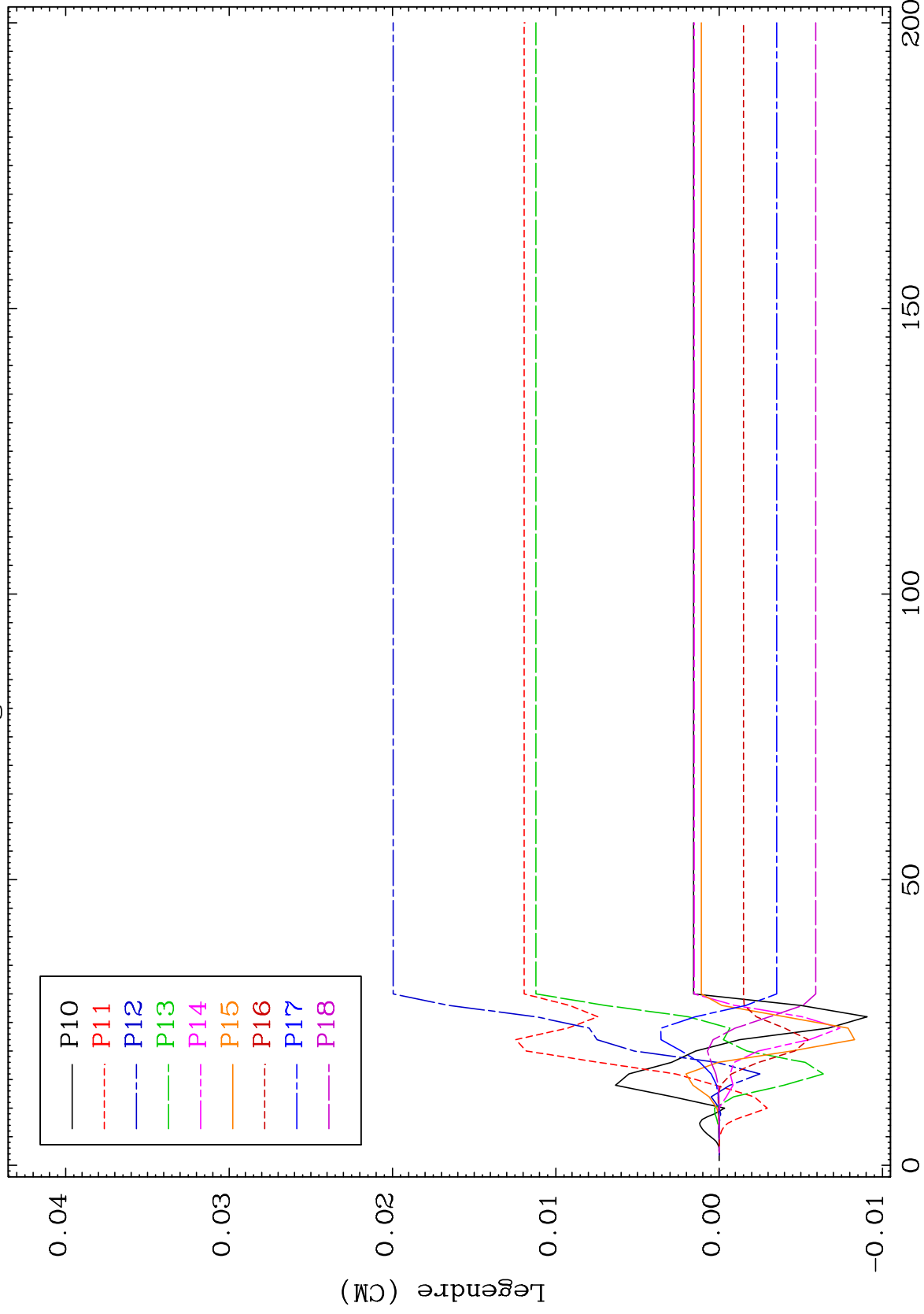




MAT 6916

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

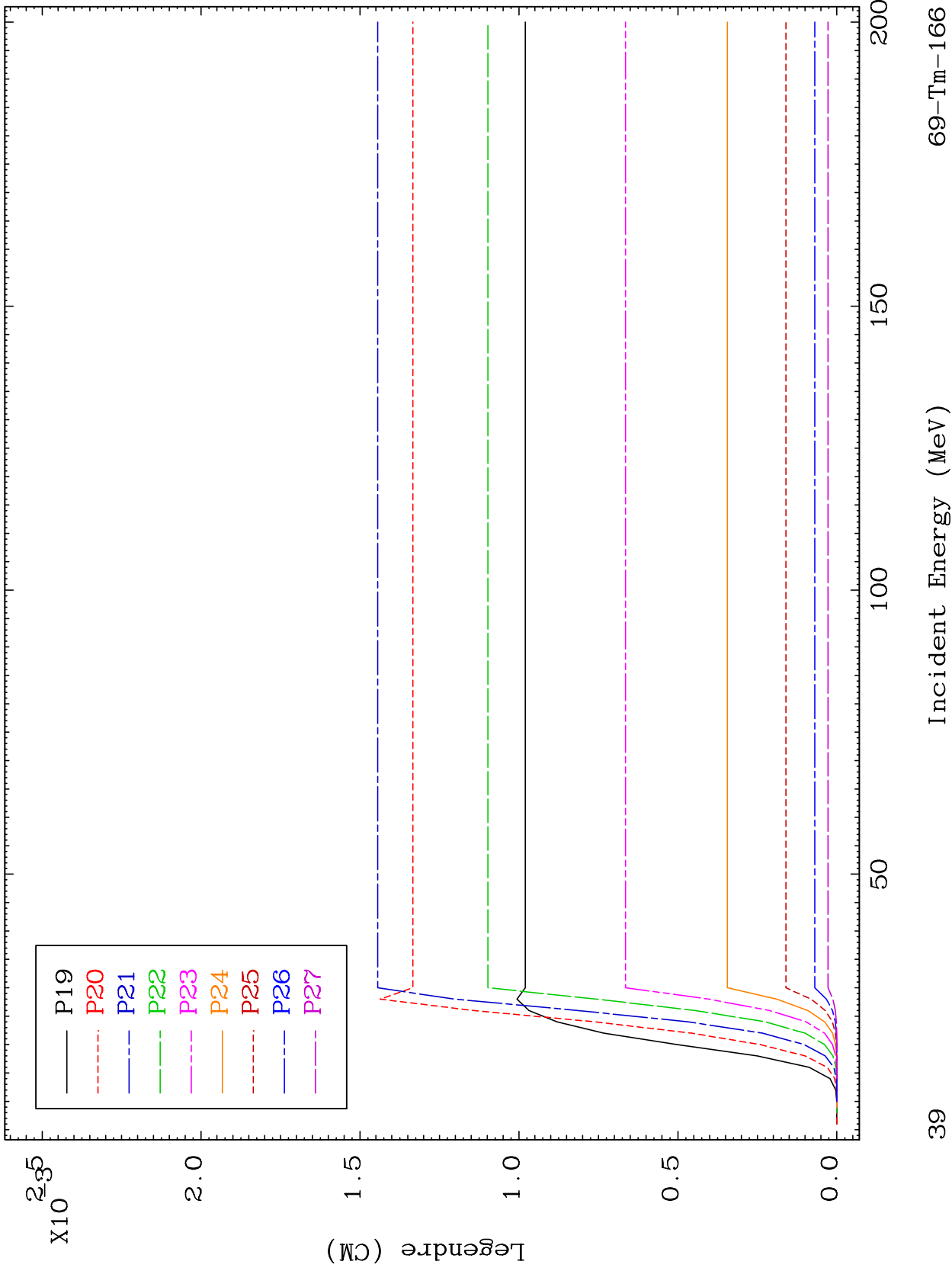
69-Tm-166



38

Incident Energy (MeV)

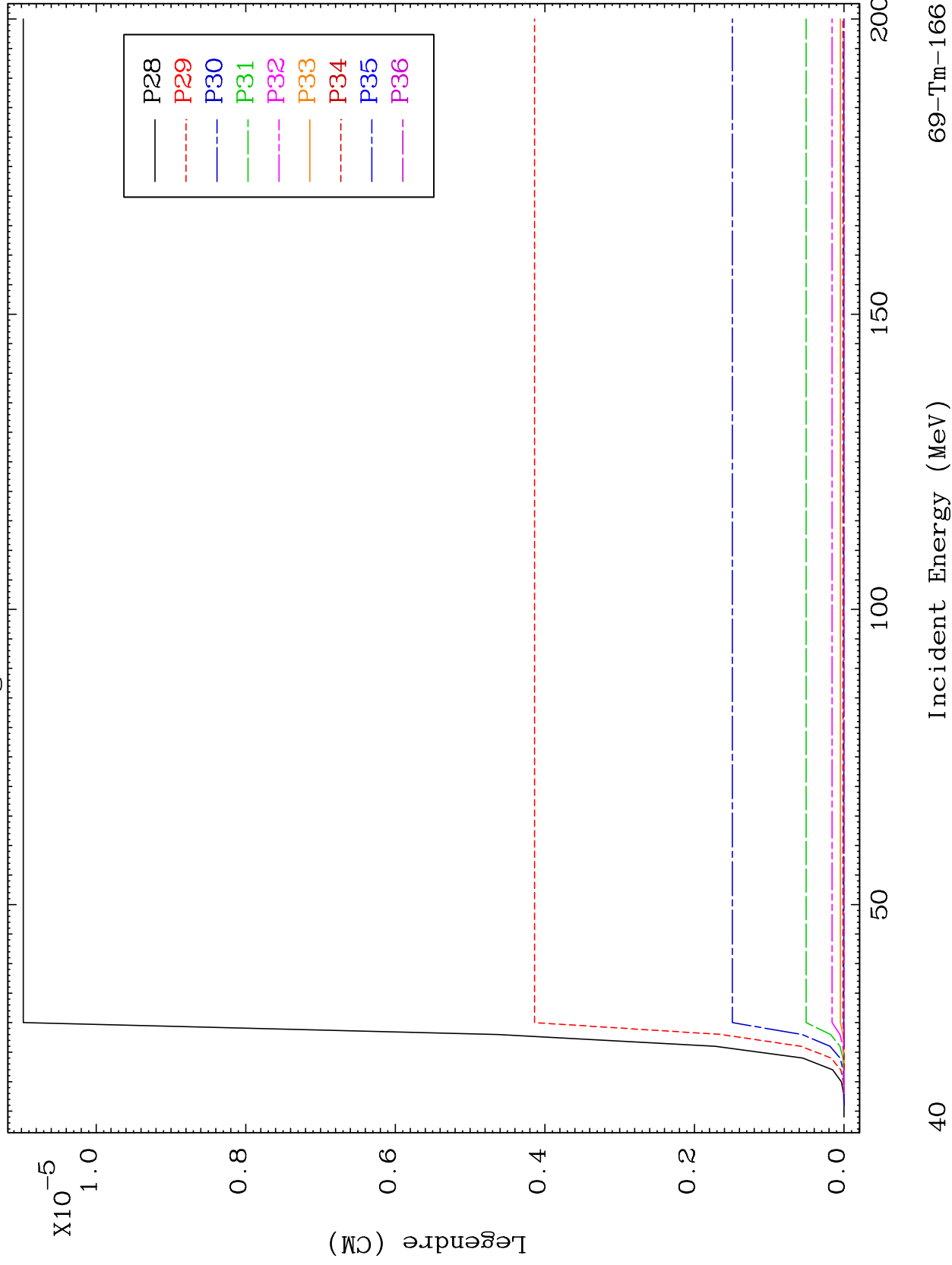
69-Tm-166



MAT 6916

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

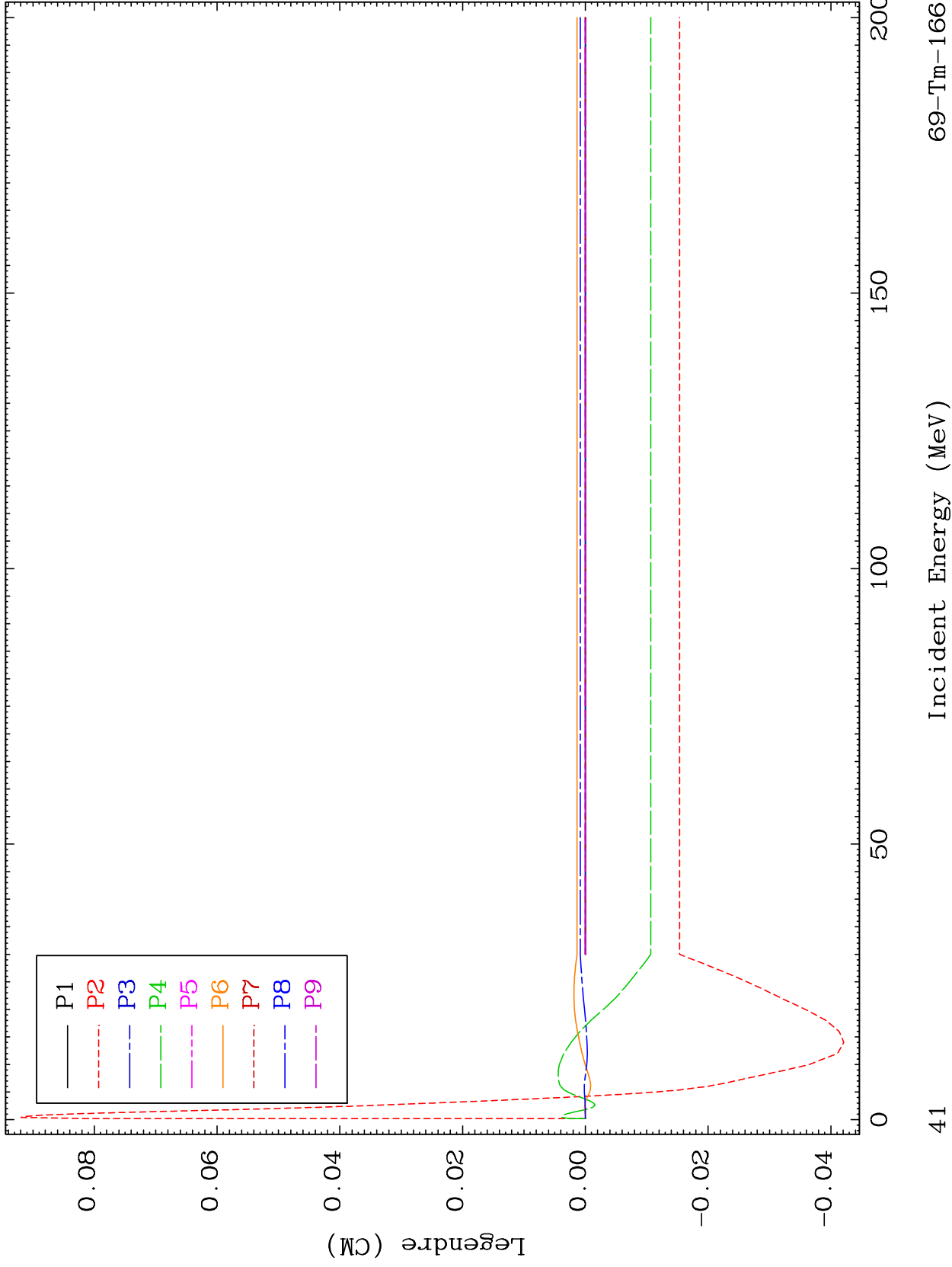
69-Tm-166



MAT 6916

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

69-Tm-166



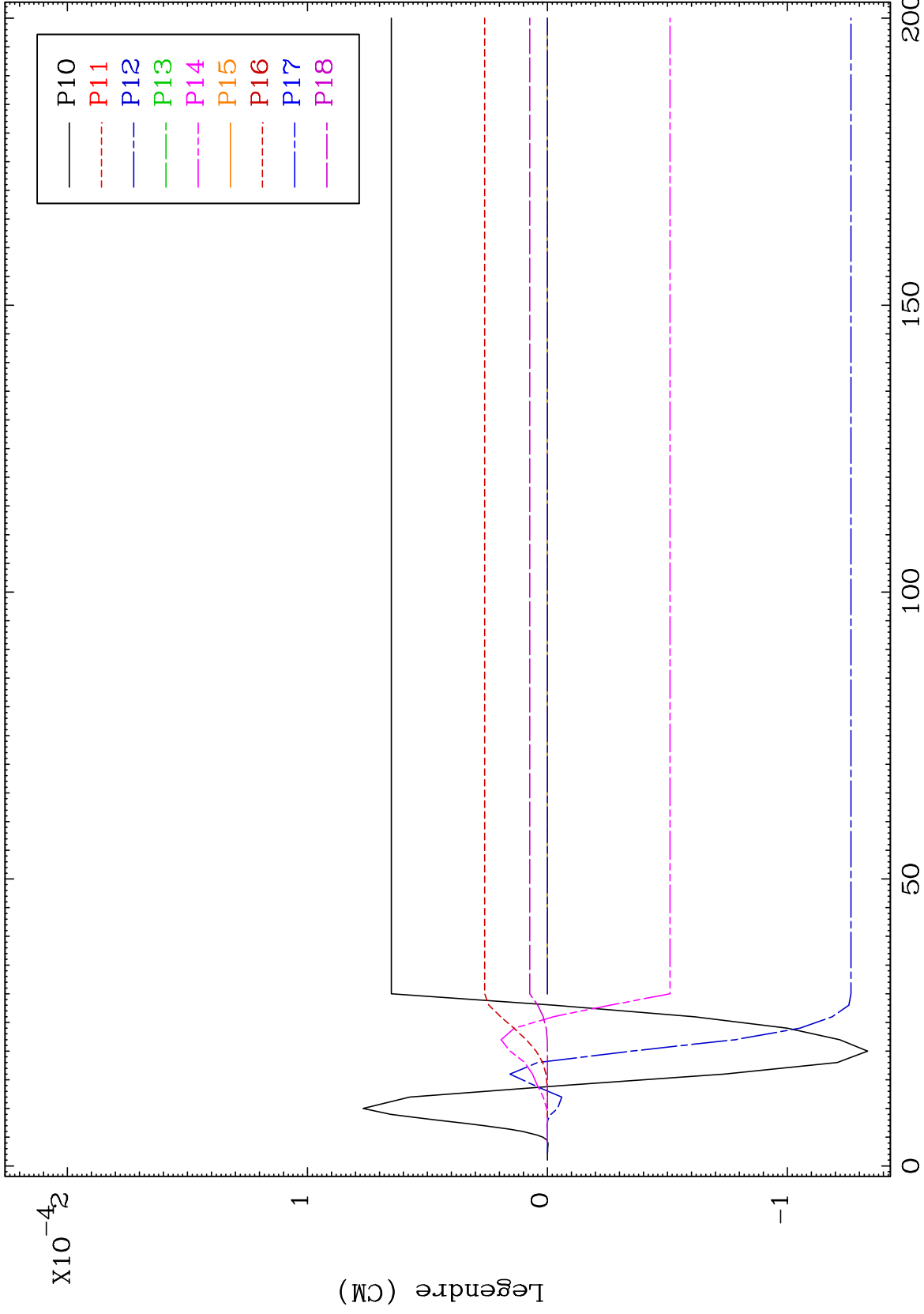
41

MAT 6916

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

69-Tm-166

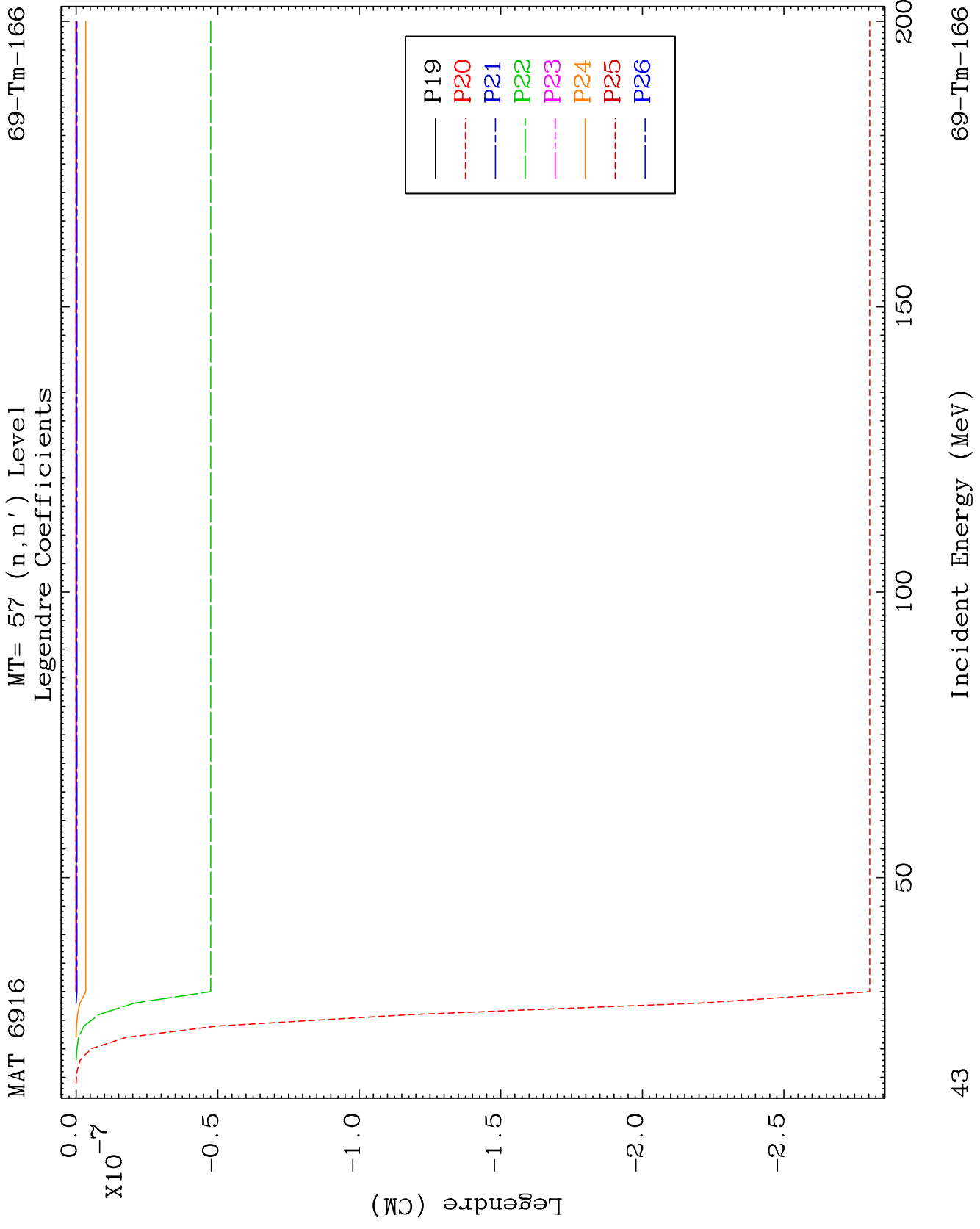
$\times 10^{-42}$



42

Incident Energy (MeV)

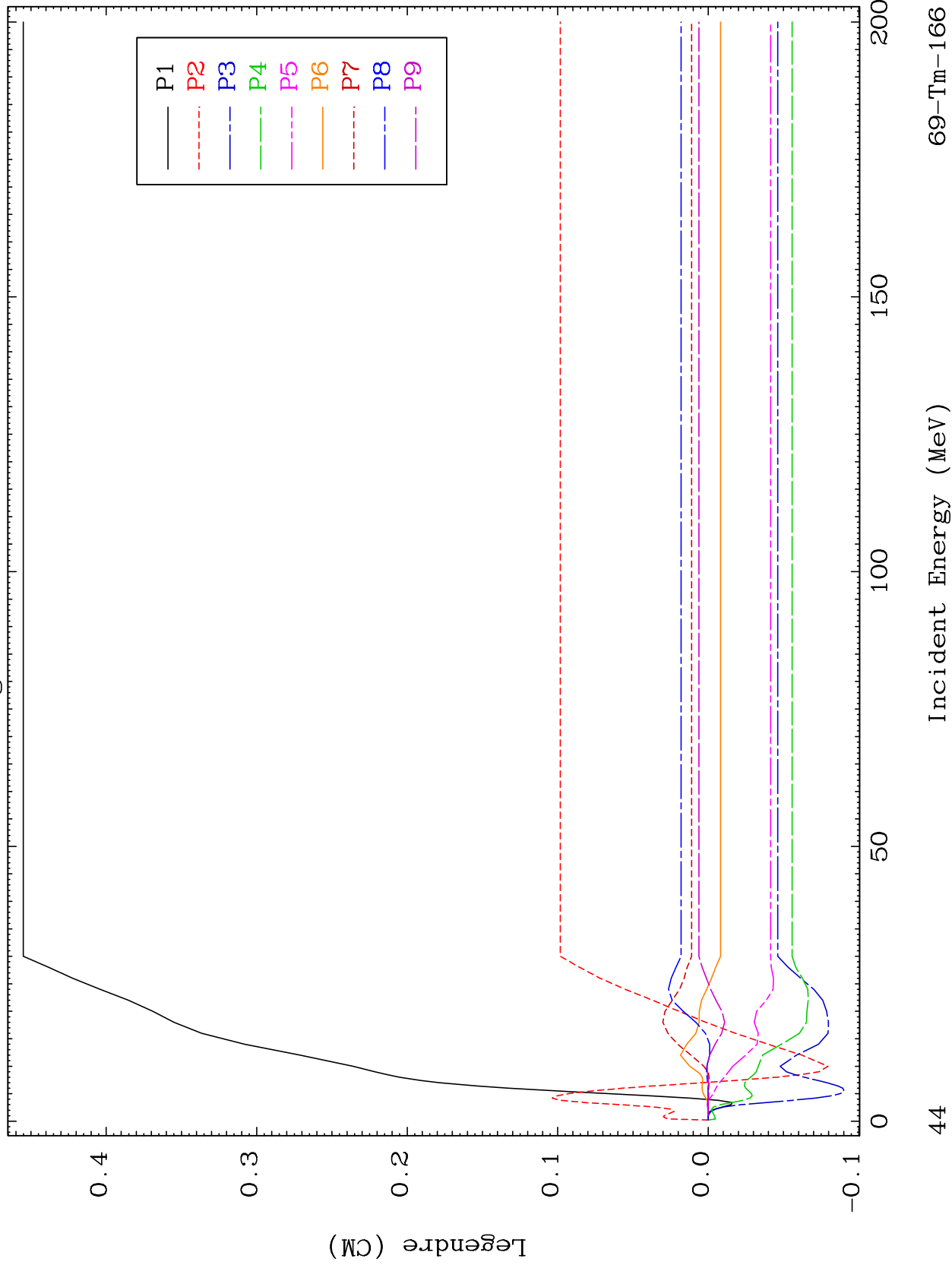
69-Tm-166



MAT 6916

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

69-Tm-166



69-Tm-166

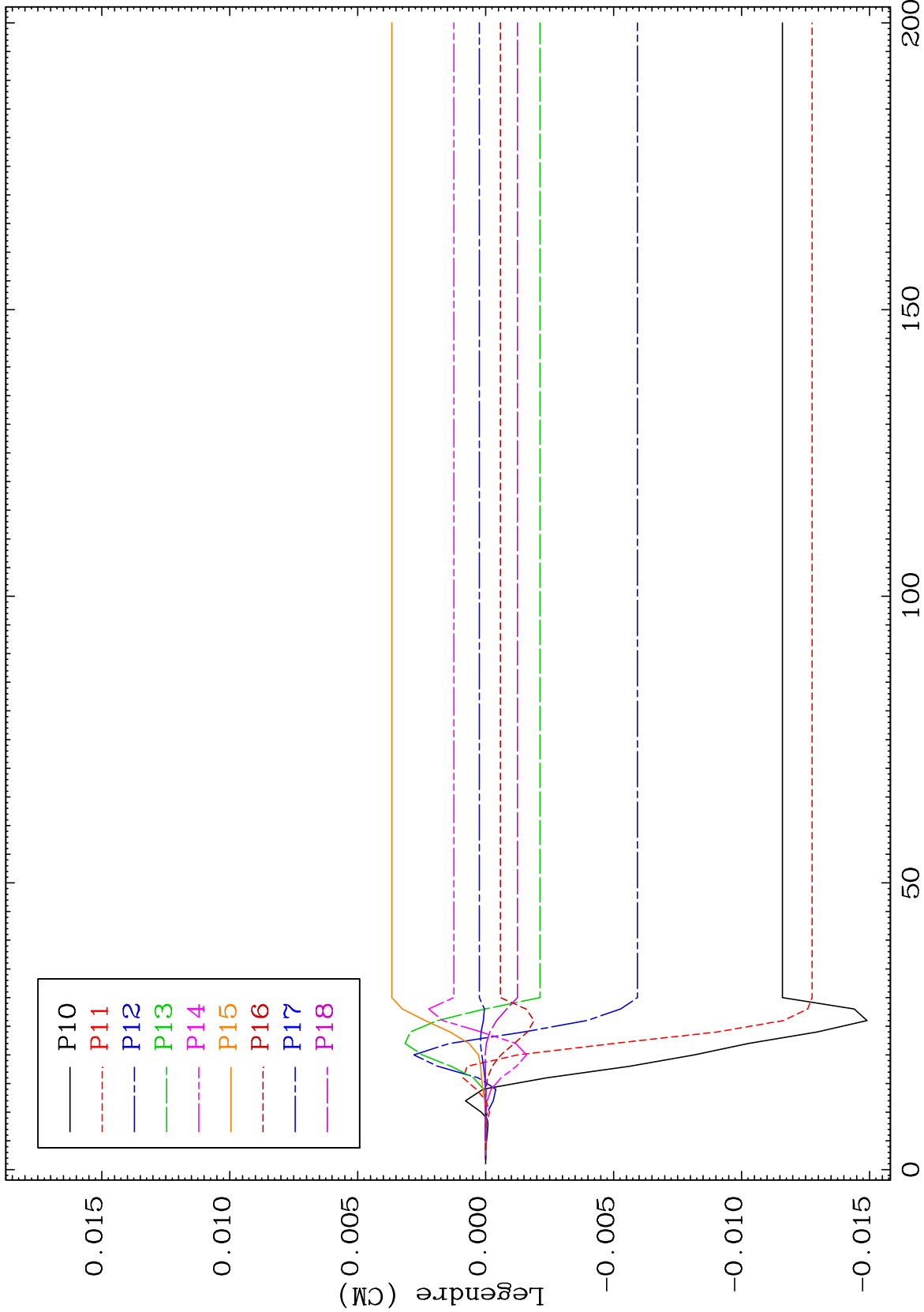
Incident Energy (MeV)

44

MAT 6916

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

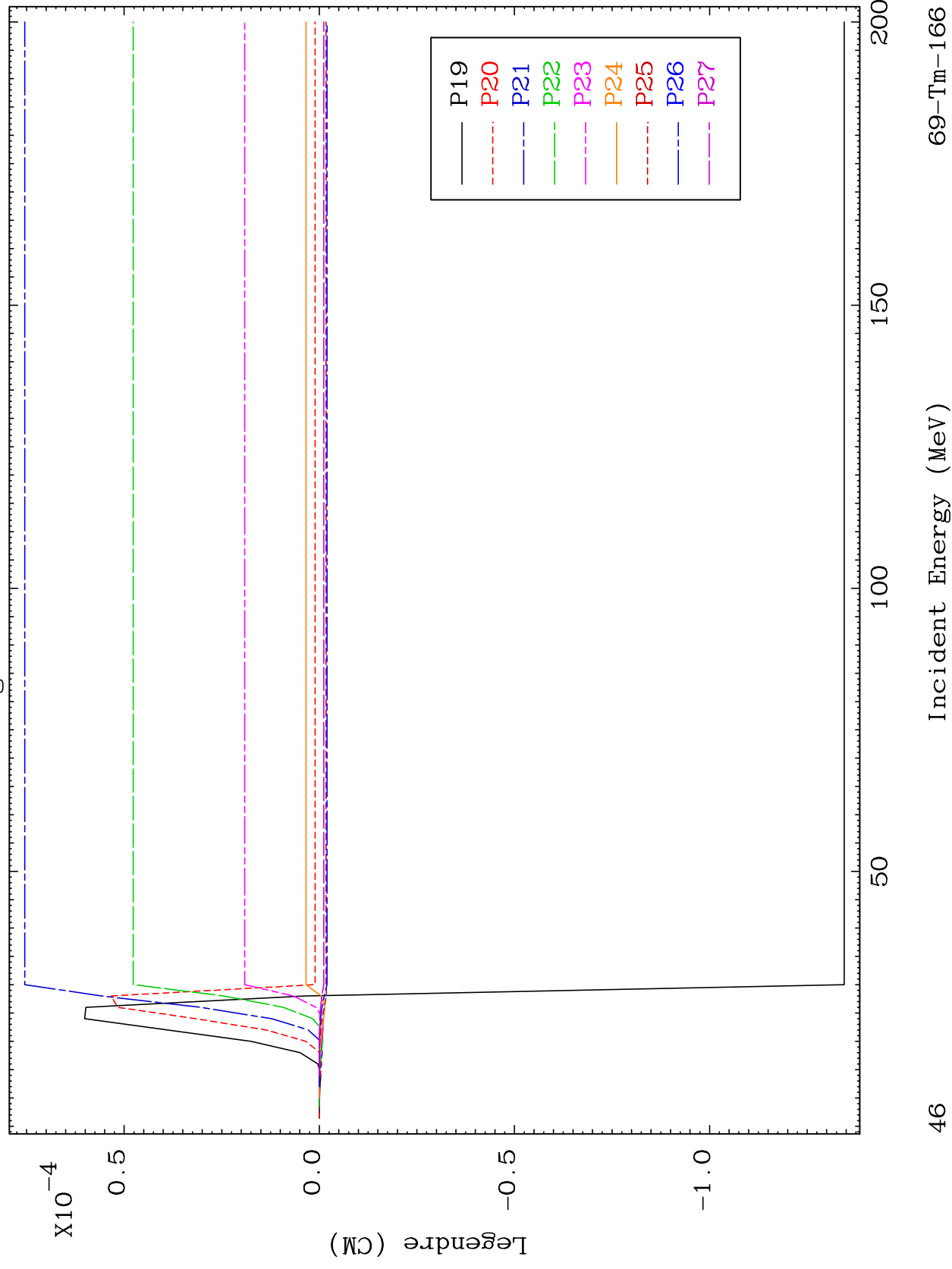
69-Tm-166

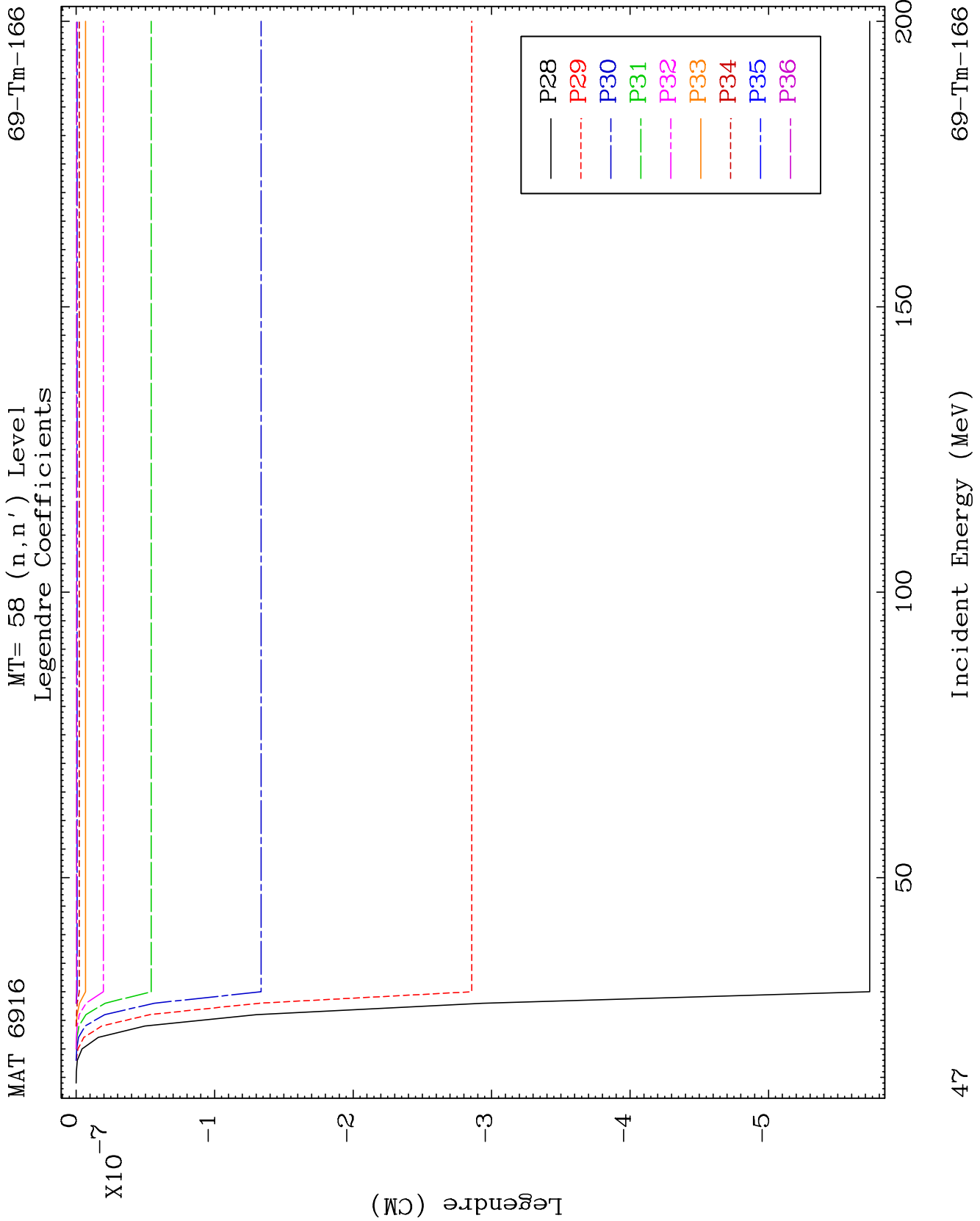


45

Incident Energy (MeV)

69-Tm-166

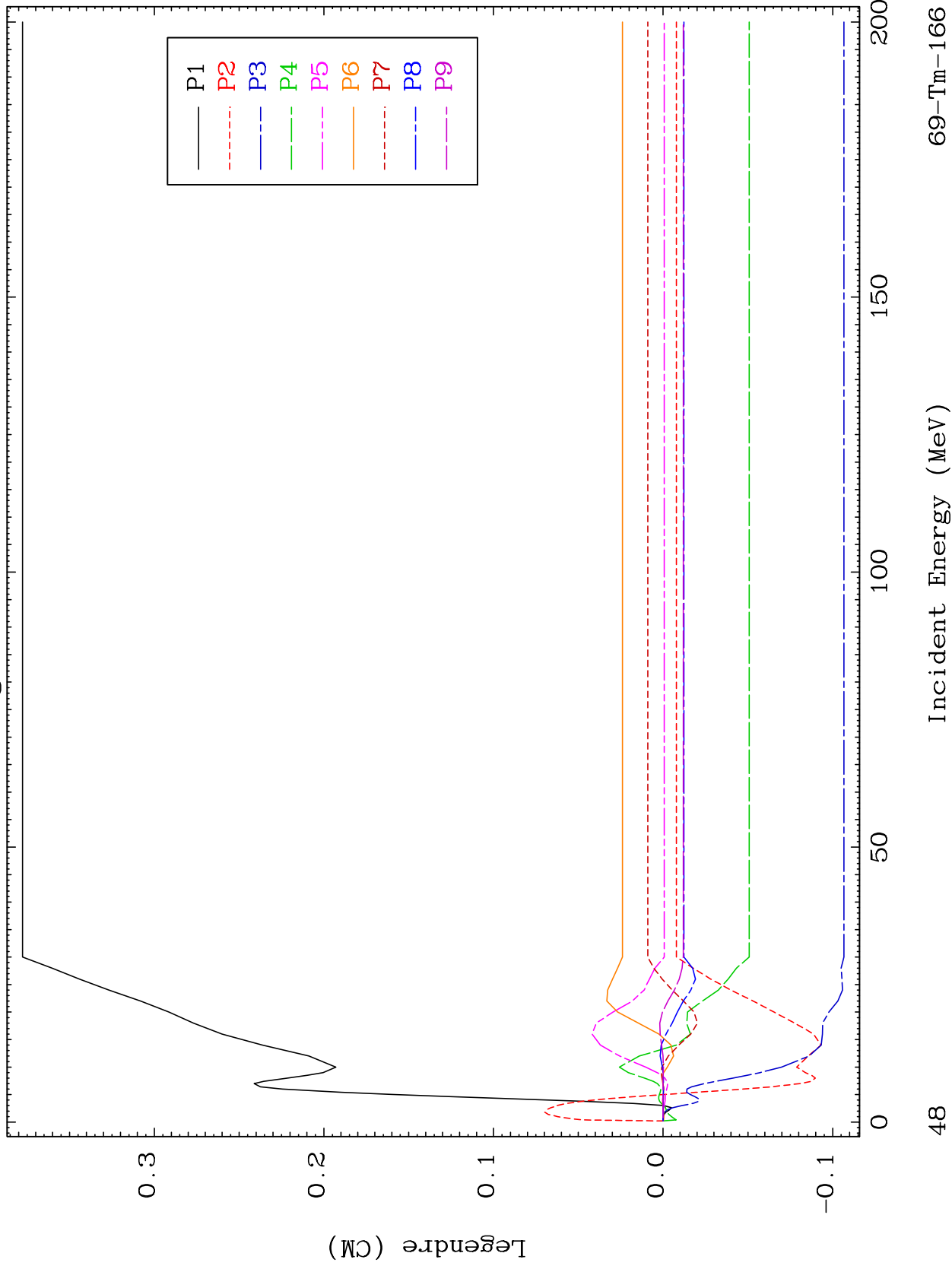




MAT 6916

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

69-Tm-166



69-Tm-166

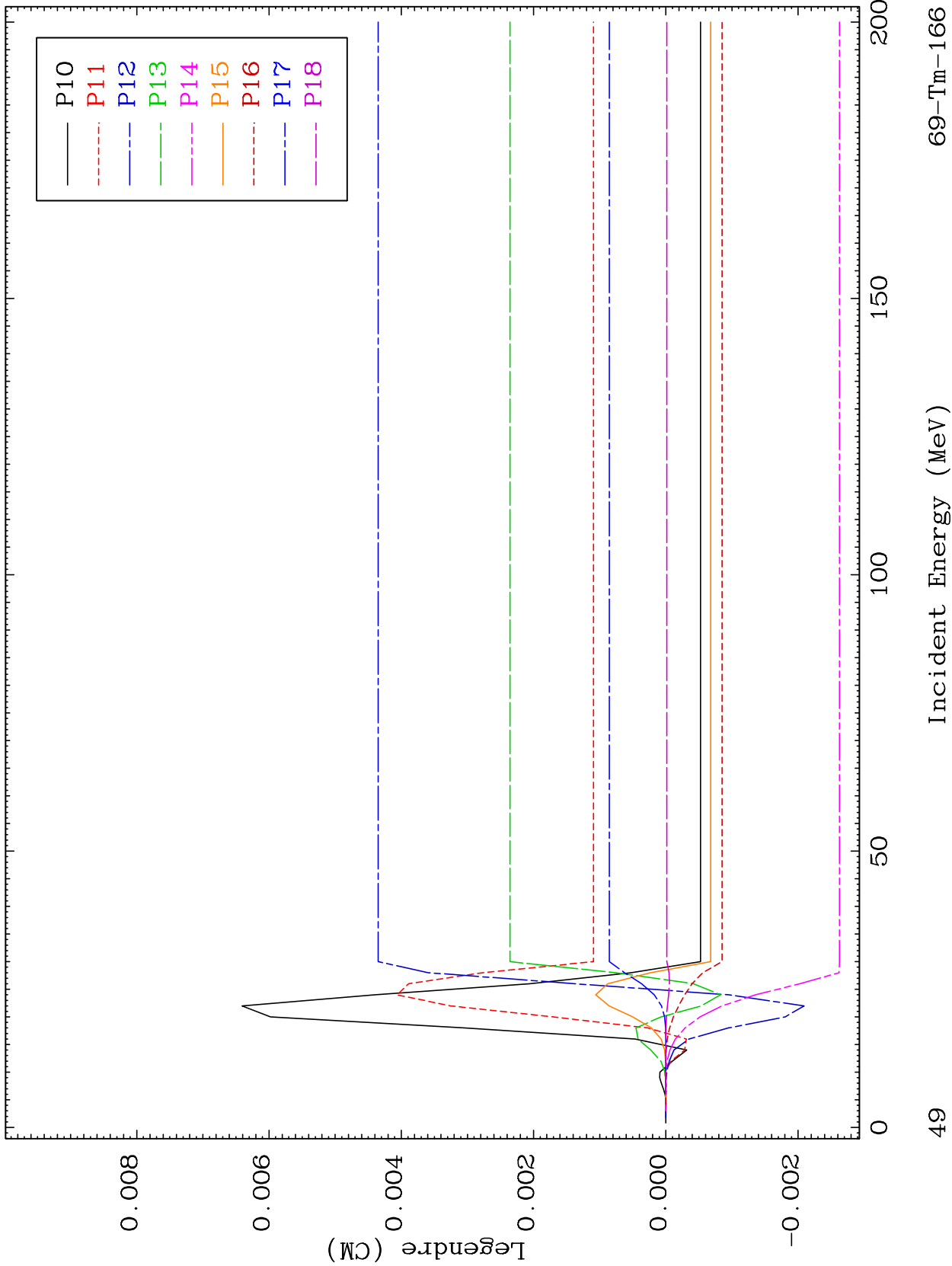
Incident Energy (MeV)

48

MAT 6916

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

69-Tm-166



69-Tm-166

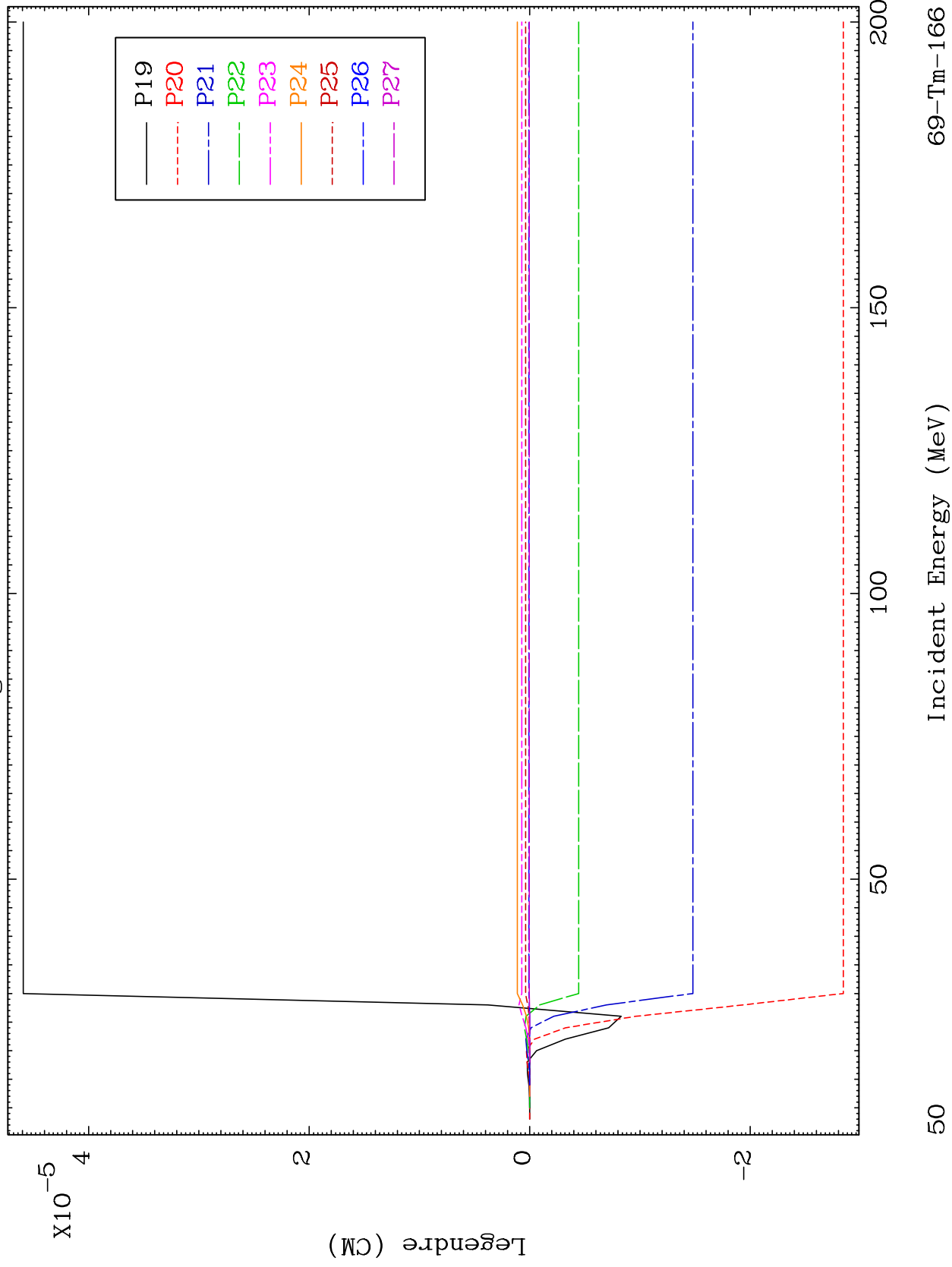
Incident Energy (MeV)

49

MAT 6916

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

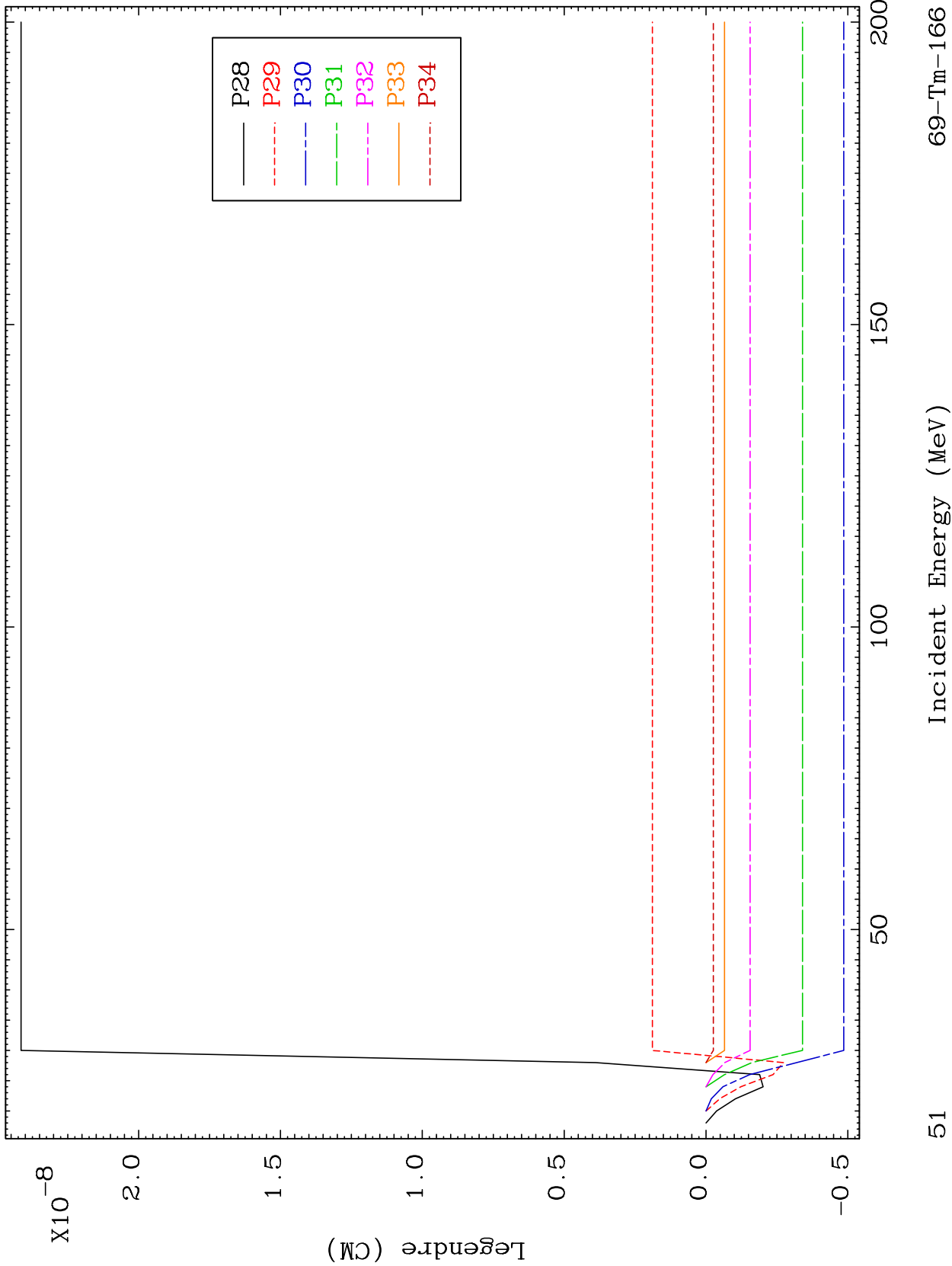
69-Tm-166



69-Tm-166

Incident Energy (MeV)

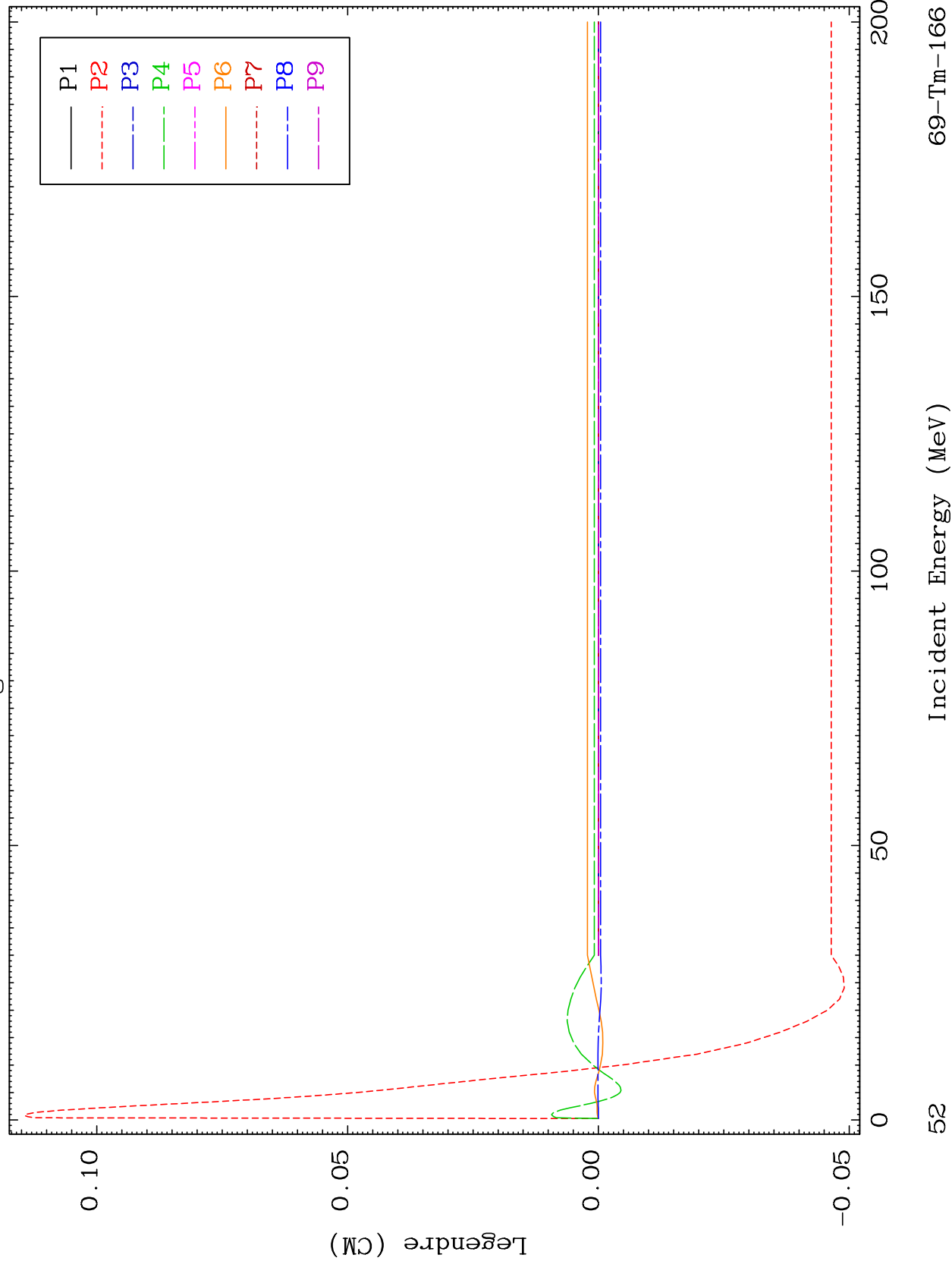
50



MAT 6916

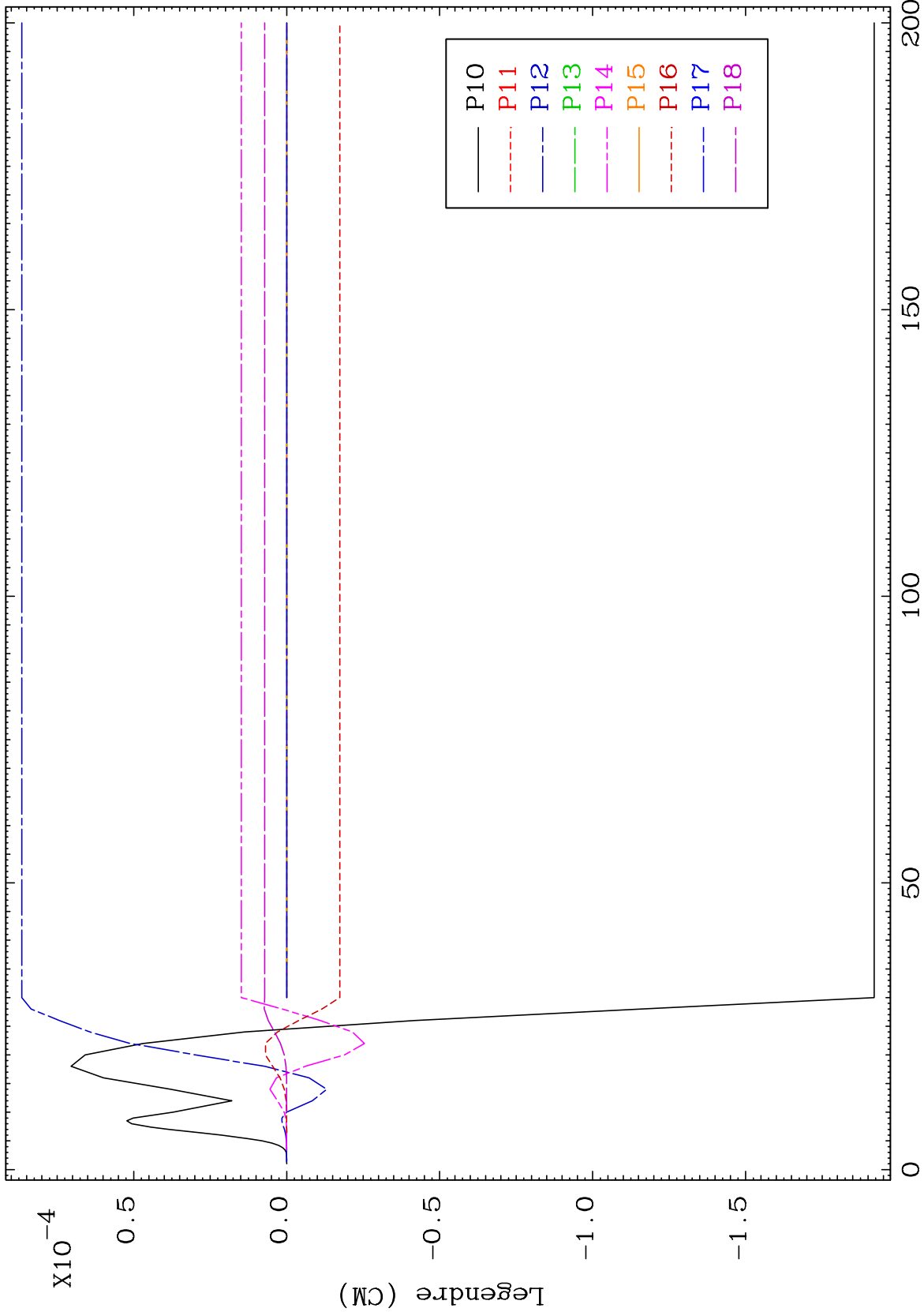
MT= 60 (n,n') Level
Legendre Coefficients

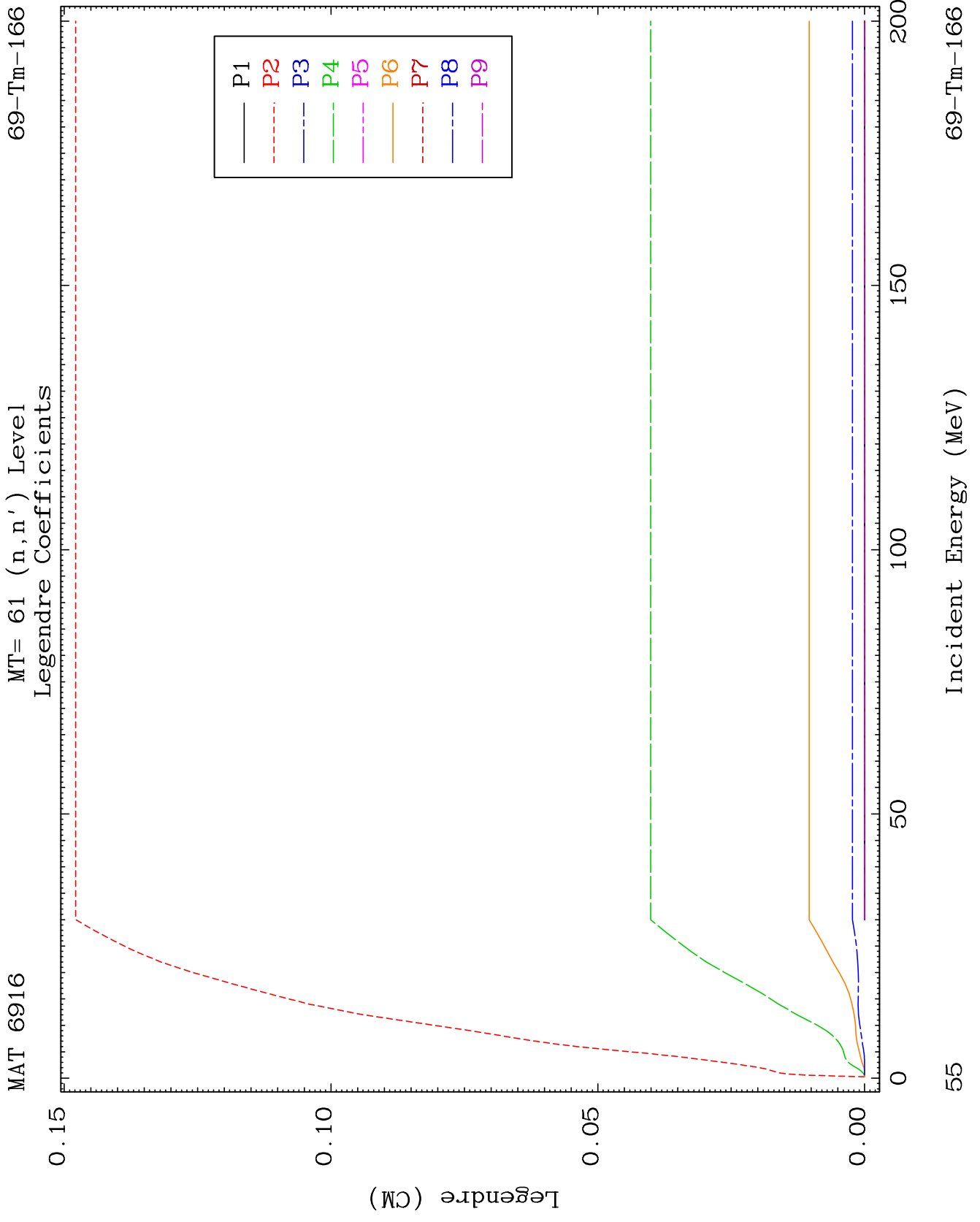
69-Tm-166



52

69-Tm-166





MAT 6916

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

69-Tm-166

$\times 10^{-3}$

1.2

1.0

Legendre (CM)

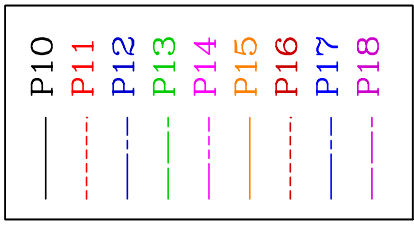
0.8

0.6

0.4

0.2

0.0



200

150

100

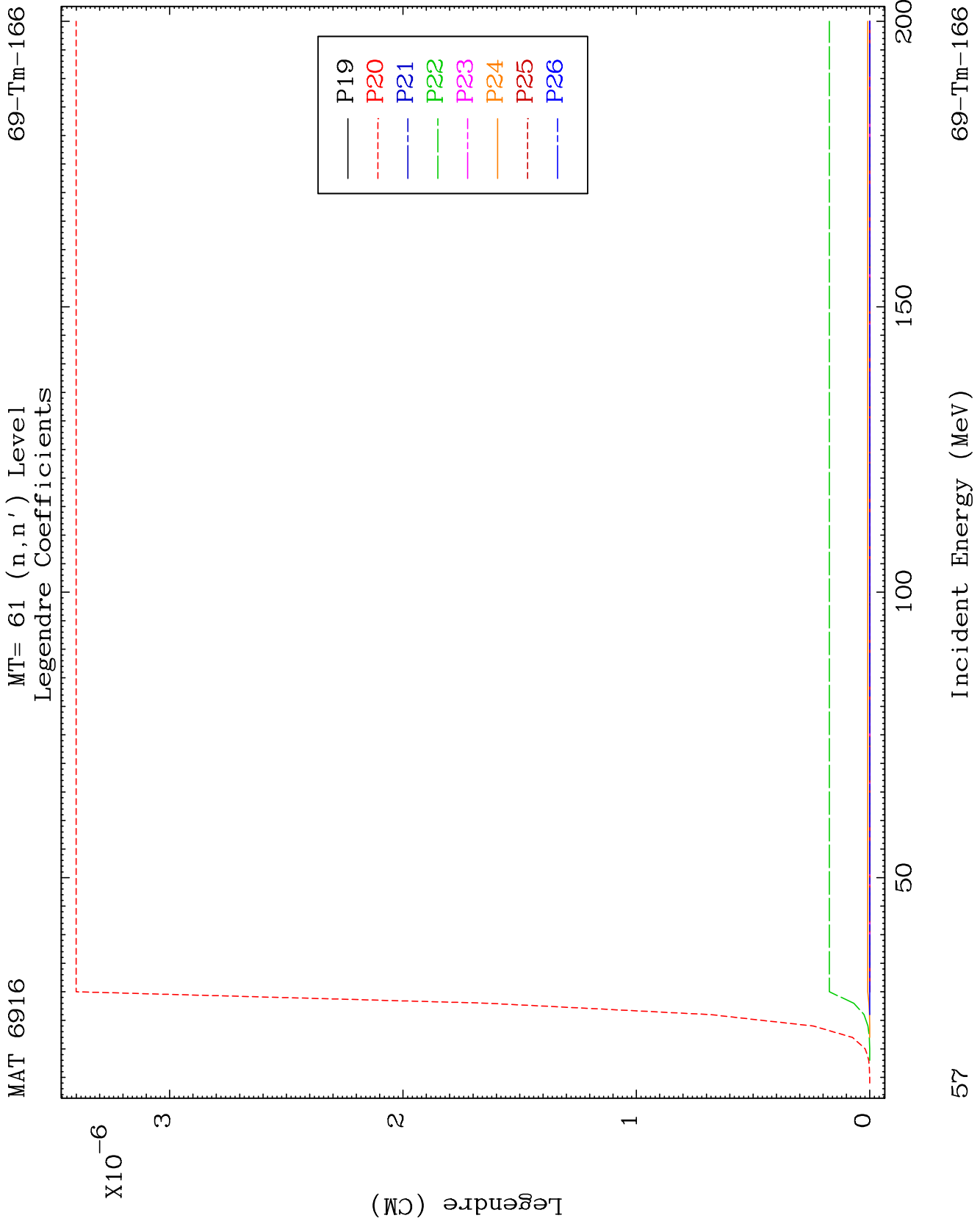
50

0

Incident Energy (MeV)

69-Tm-166

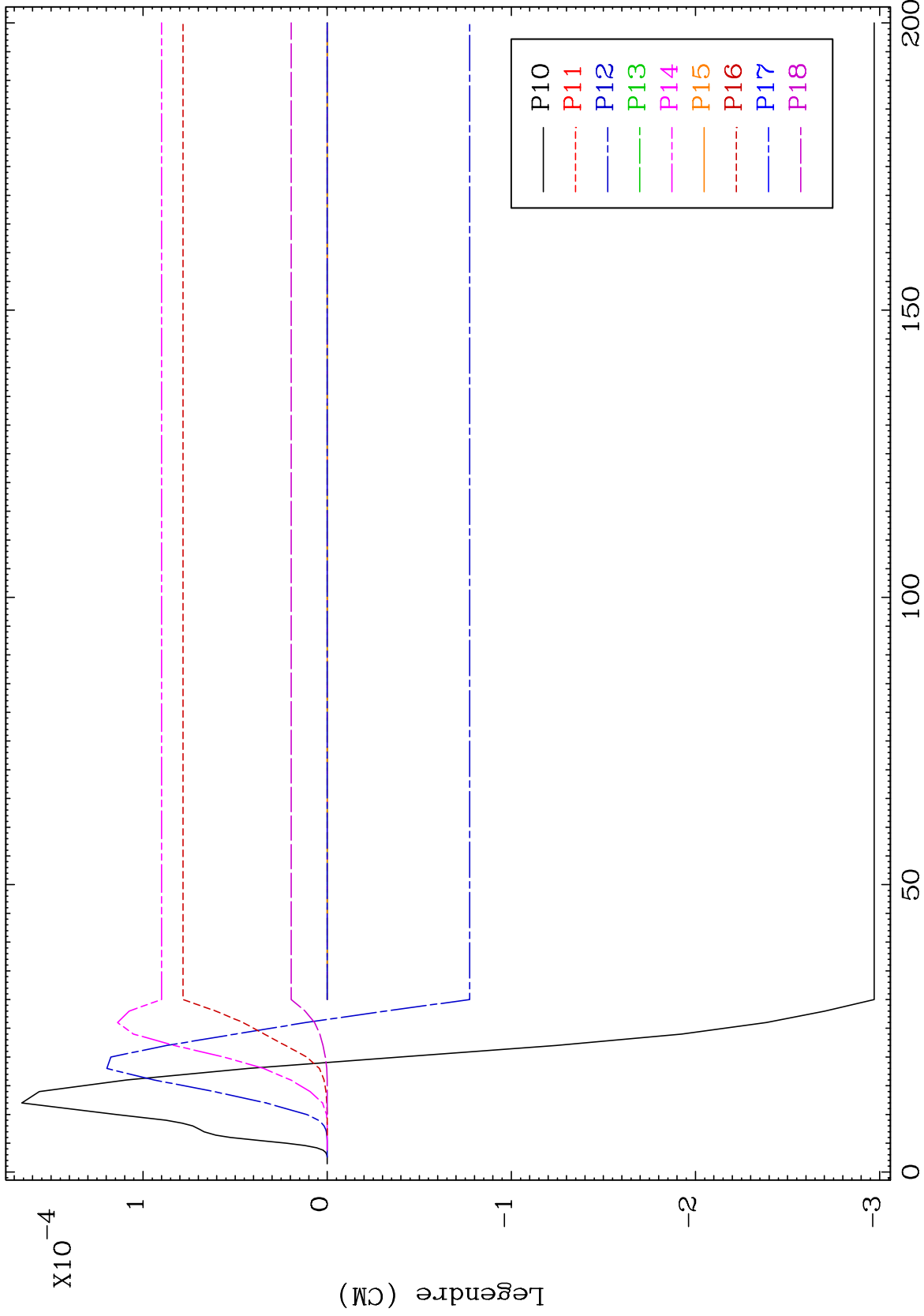
56



MAT 6916

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

69-Tm-166



59

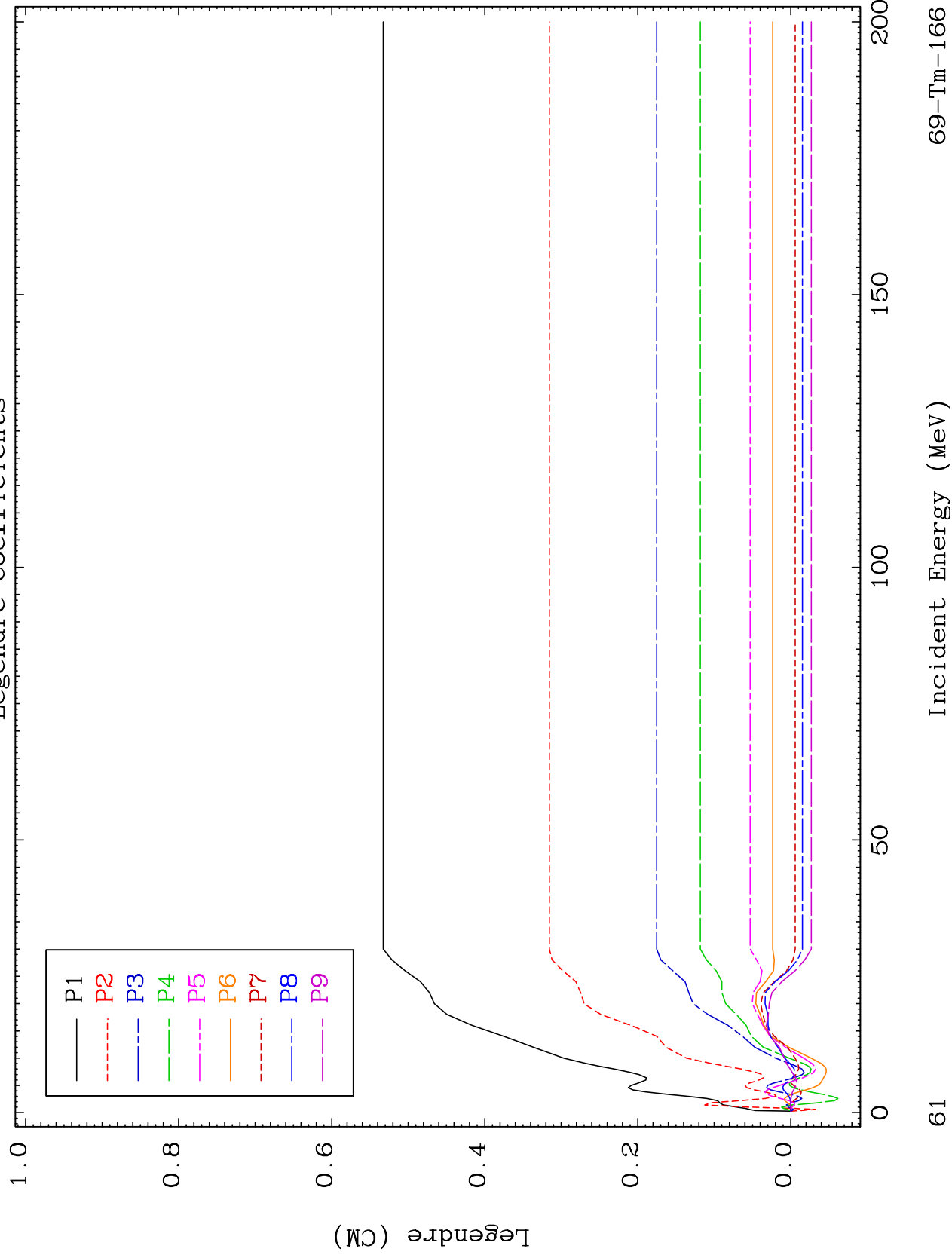
Incident Energy (MeV)

69-Tm-166

MAT 6916

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

69-Tm-166



69-Tm-166

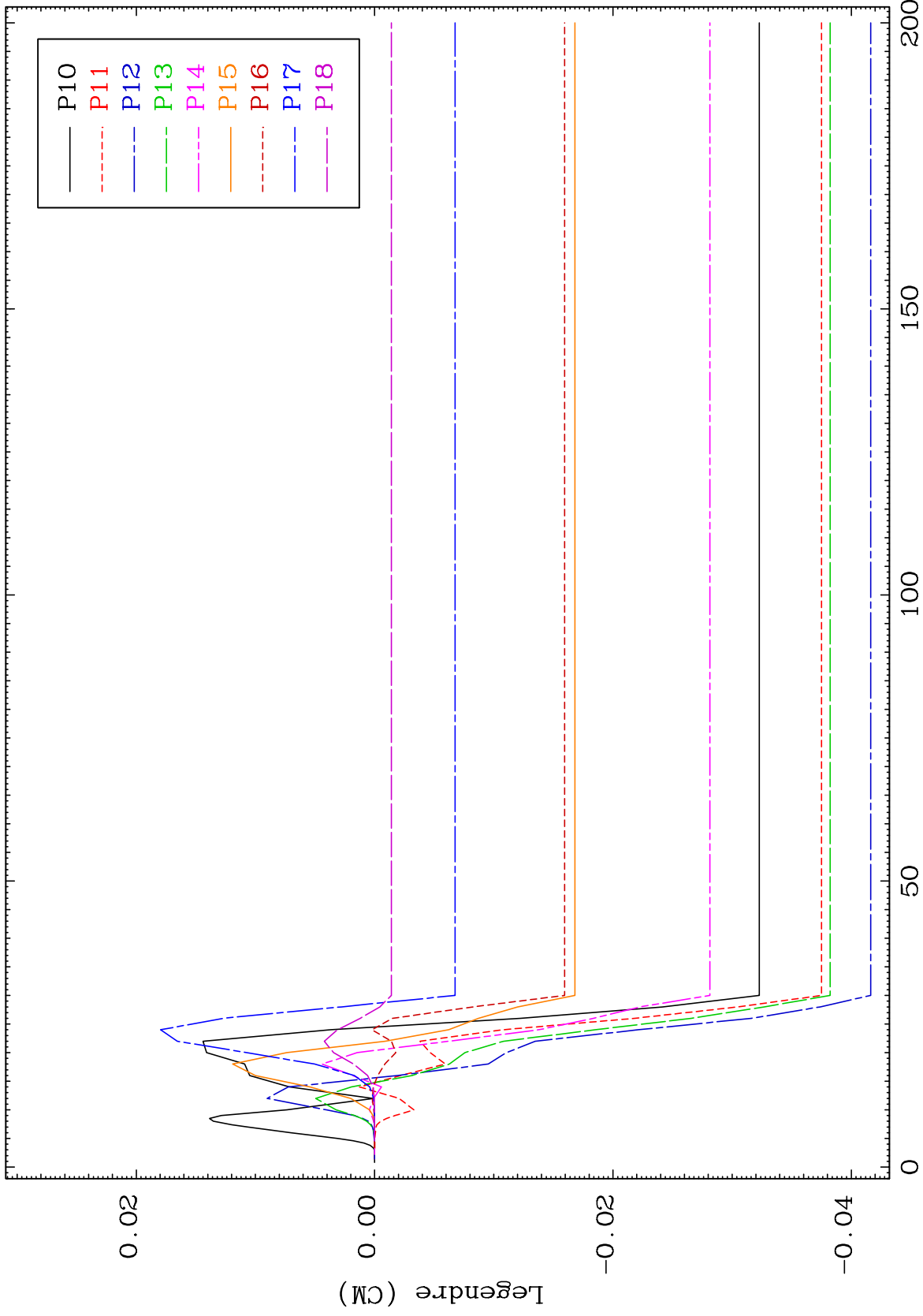
Incident Energy (MeV)

61

MAT 6916

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

69-Tm-166



62

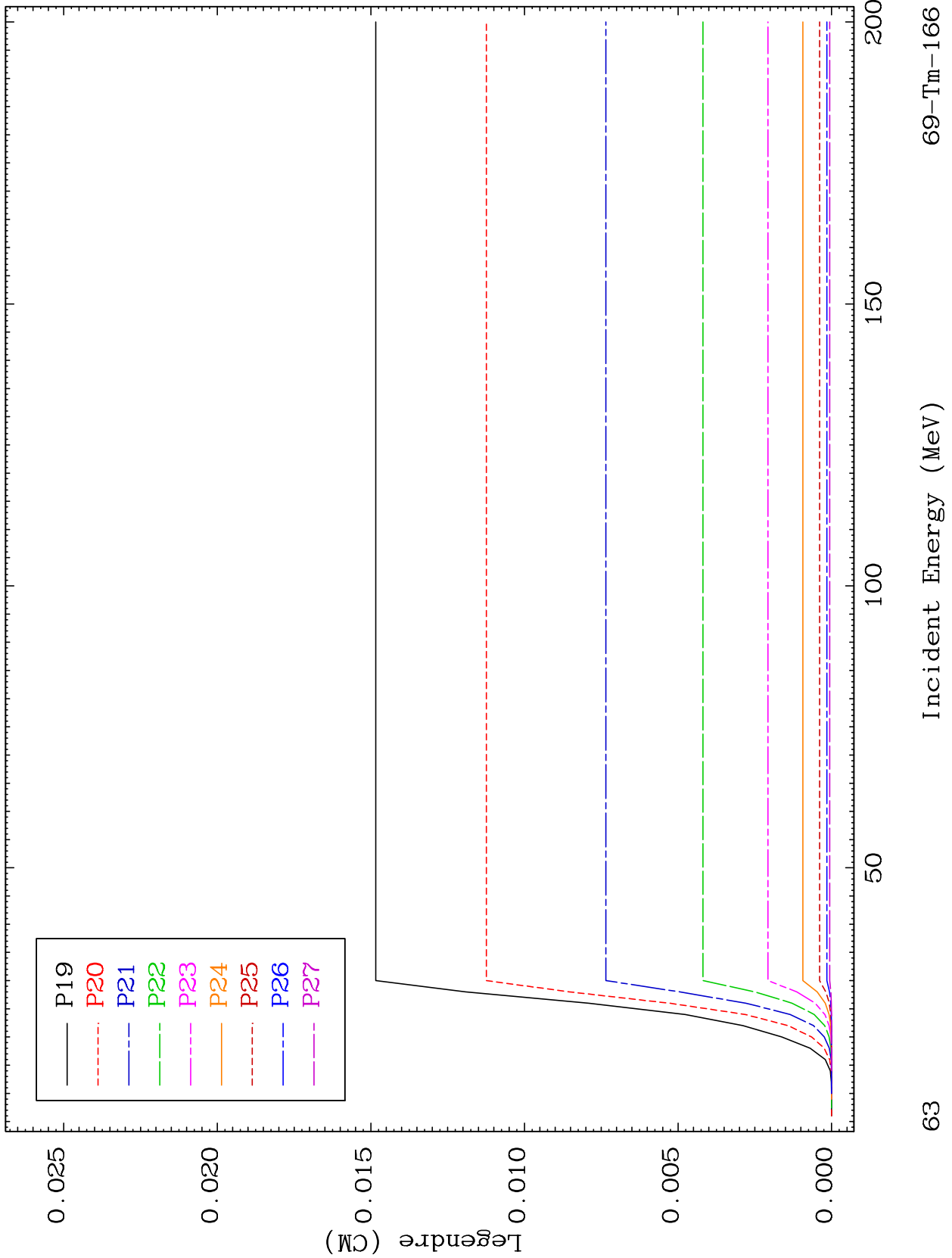
Incident Energy (MeV)

69-Tm-166

MAT 6916

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

69-Tm-166



63

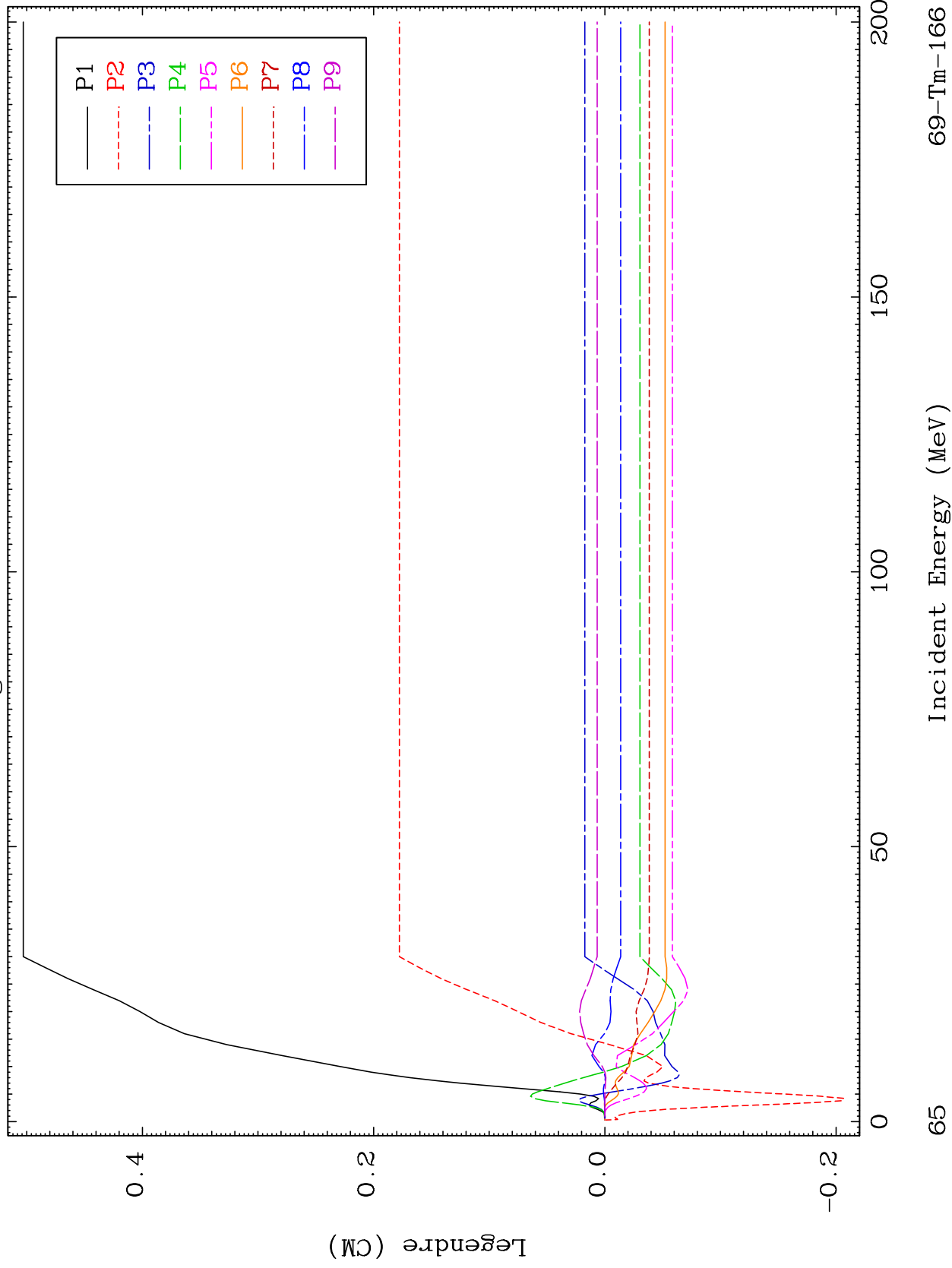
Incident Energy (MeV)

69-Tm-166

MAT 6916

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

69-Tm-166



69-Tm-166

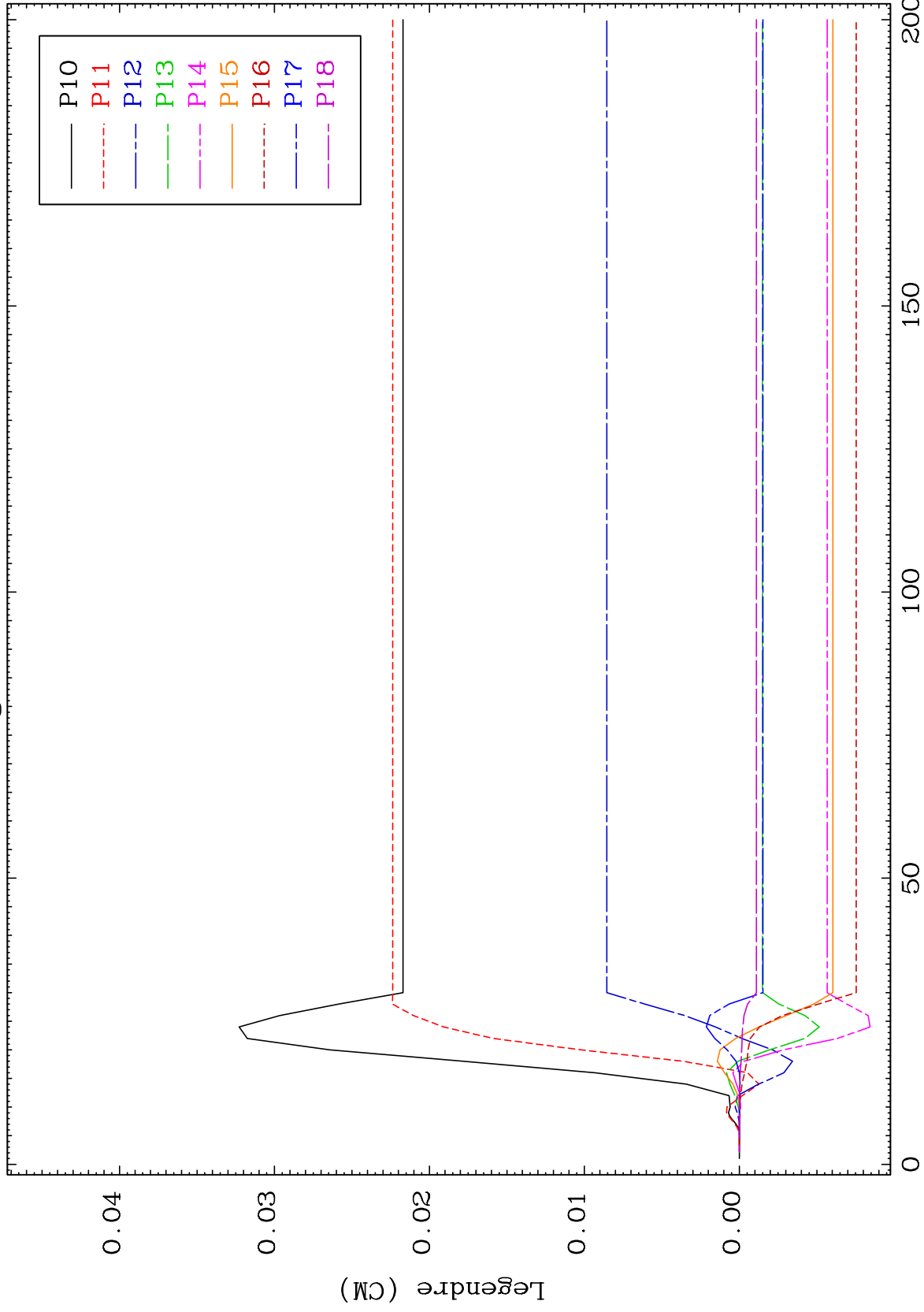
Incident Energy (MeV)

65

MAT 6916

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

69-Tm-166



66

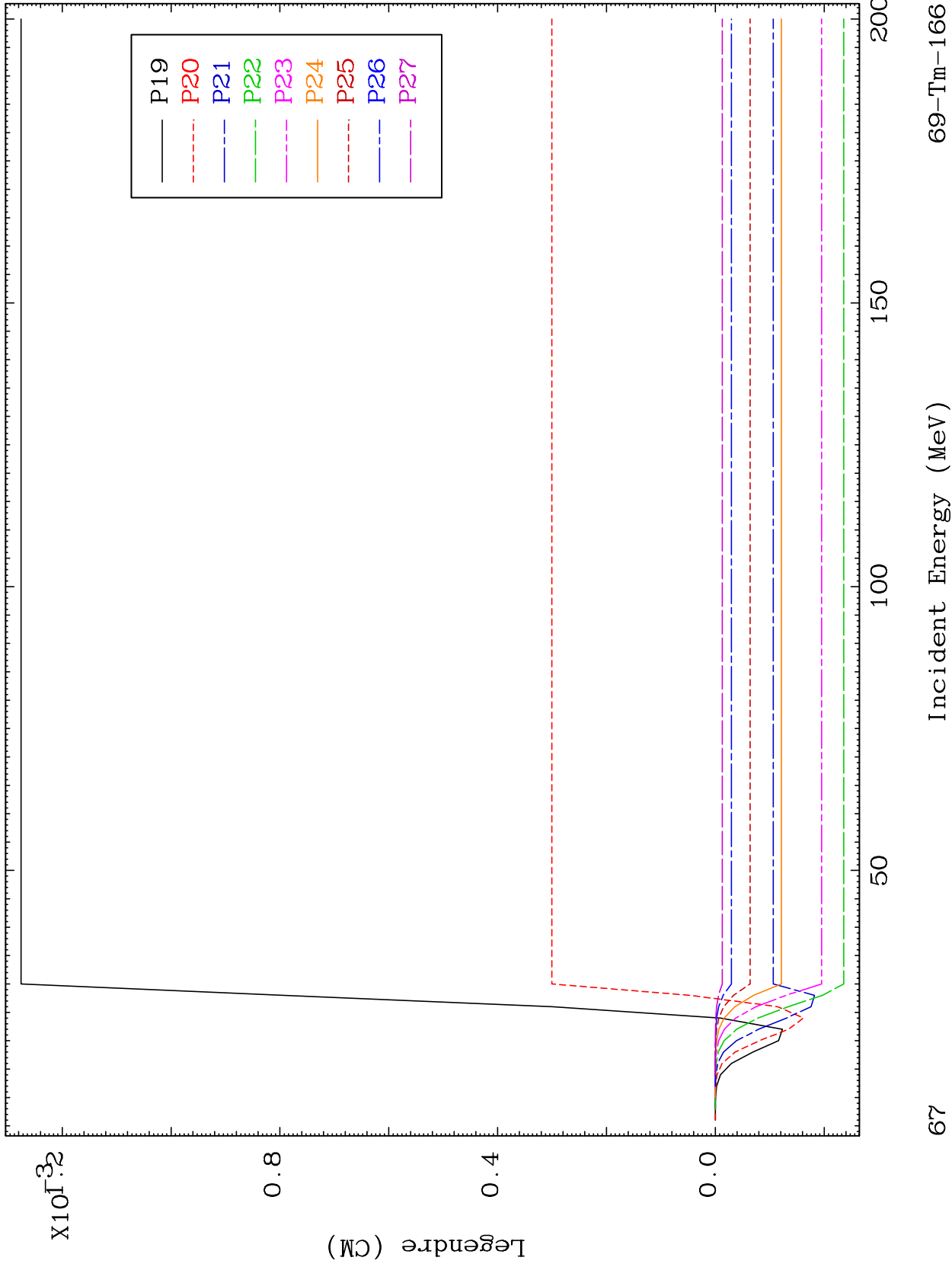
Incident Energy (MeV)

69-Tm-166

MAT 6916

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

69-Tm-166



67

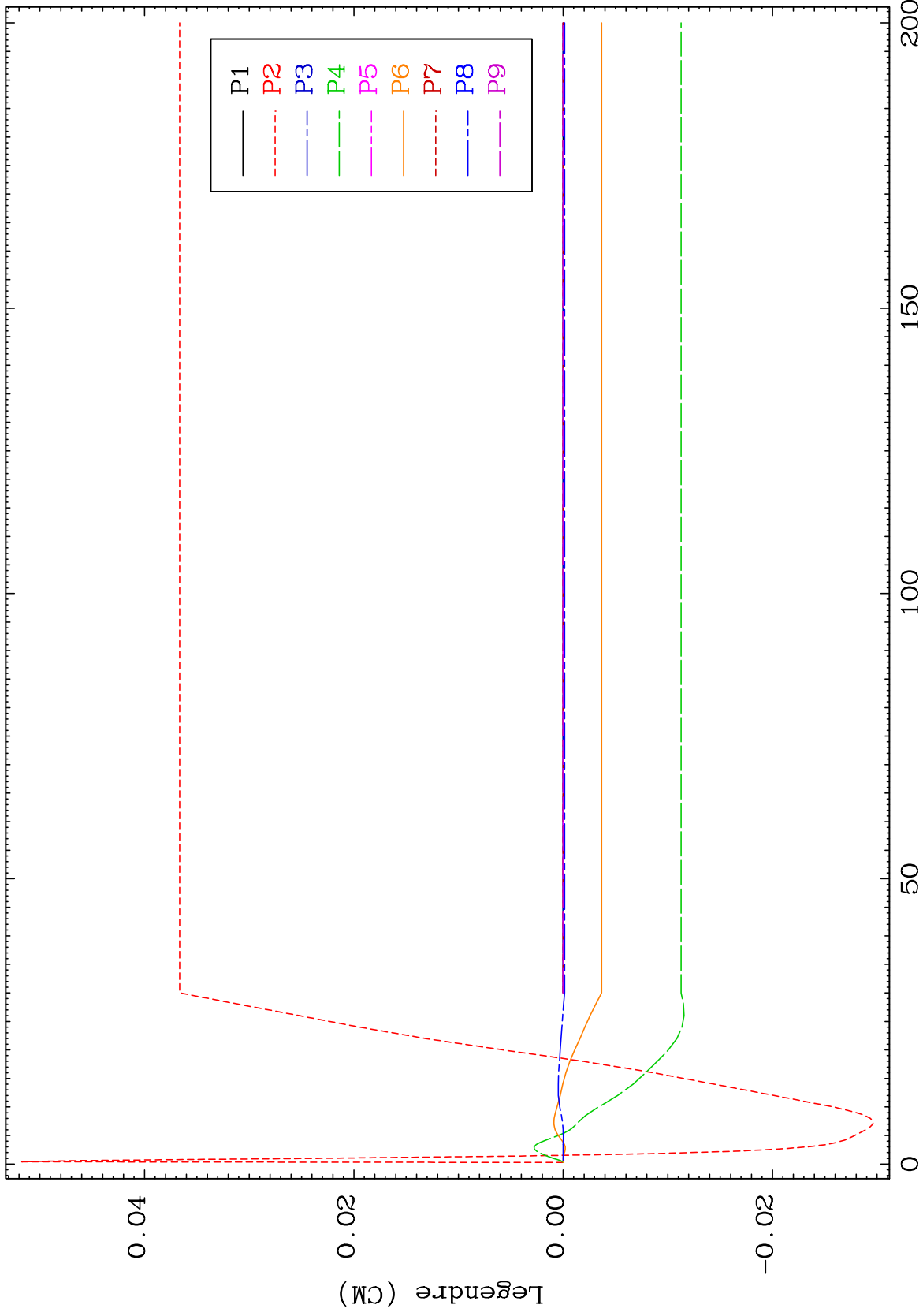
Incident Energy (MeV)

69-Tm-166

MAT 6916

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

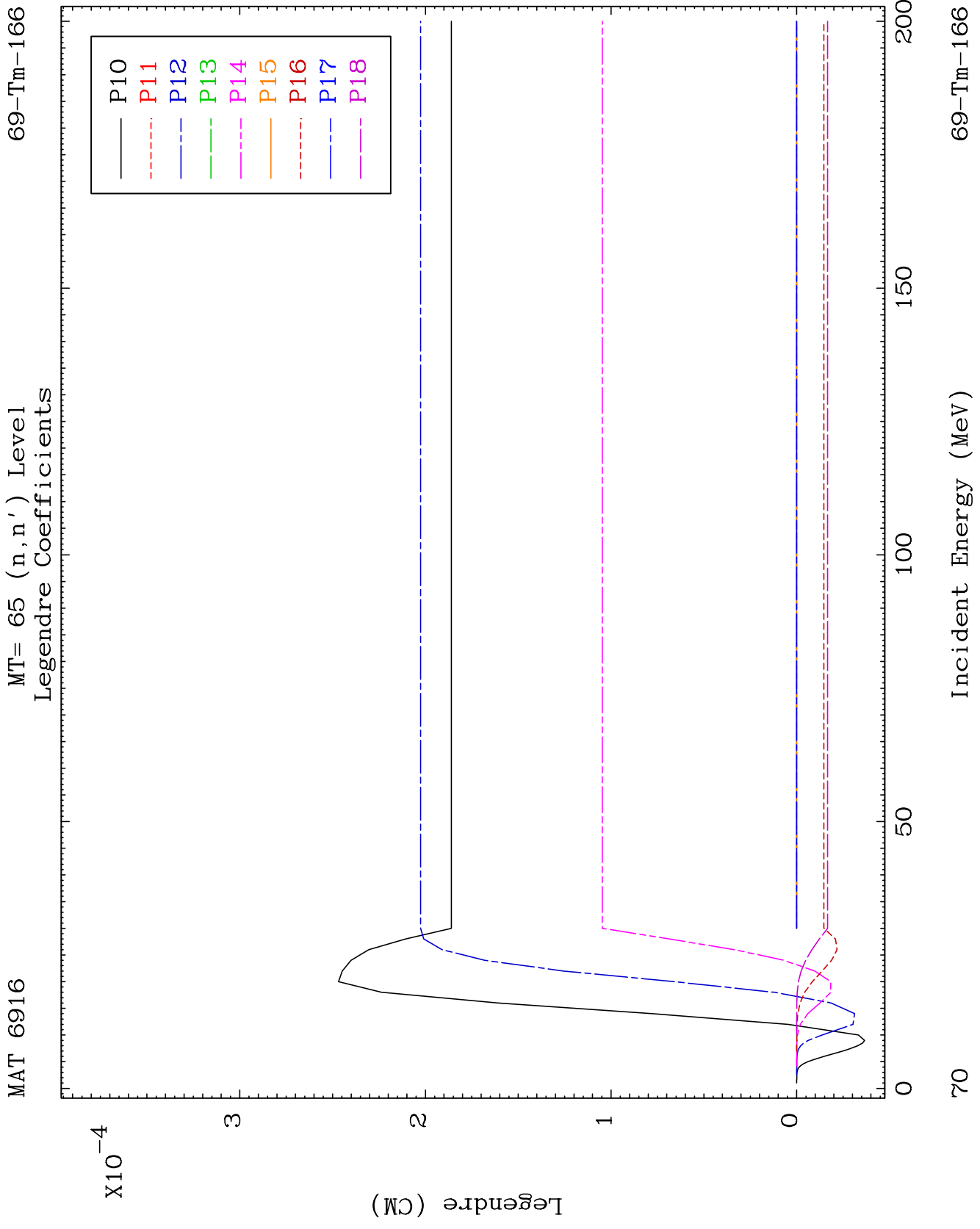
69-Tm-166

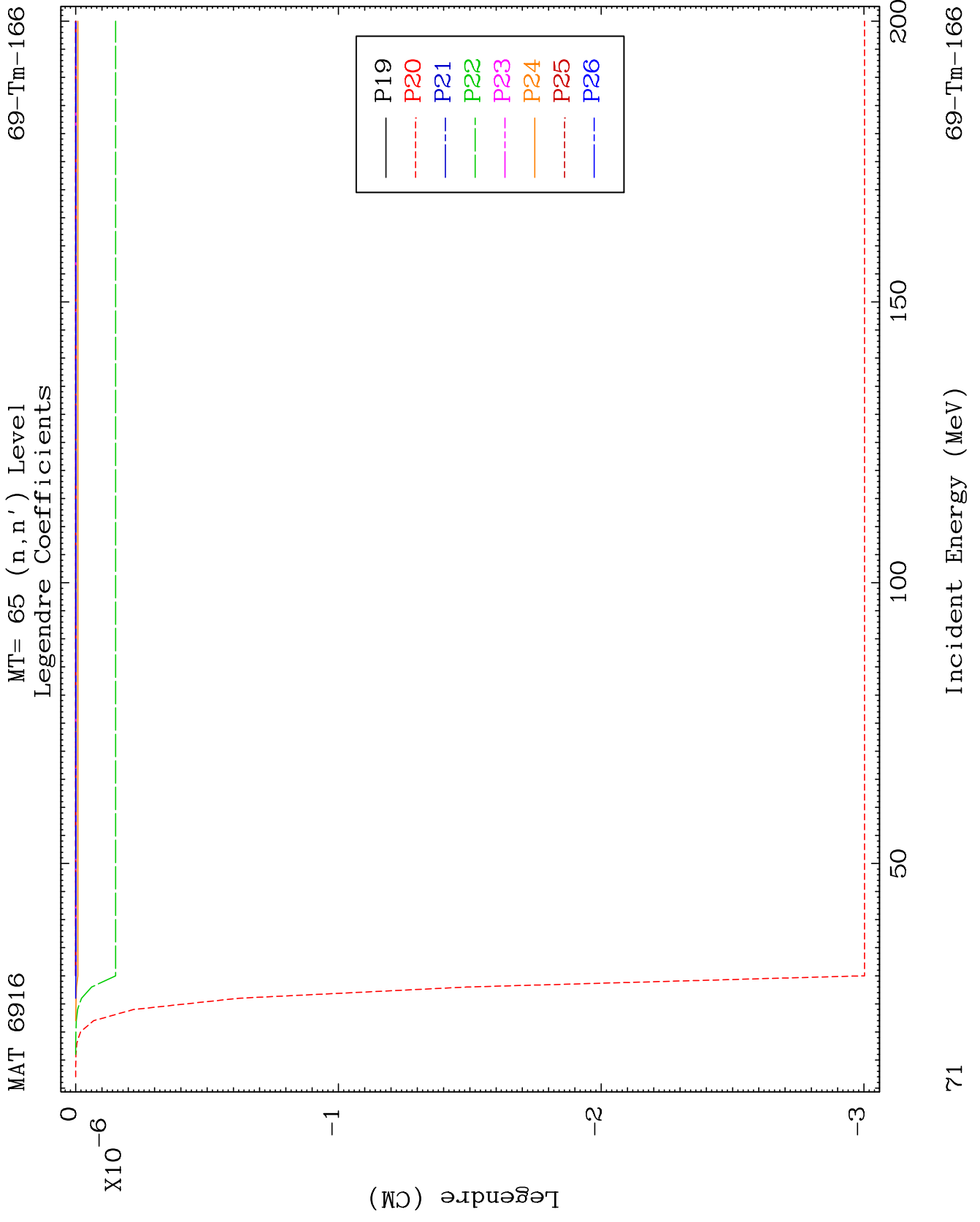


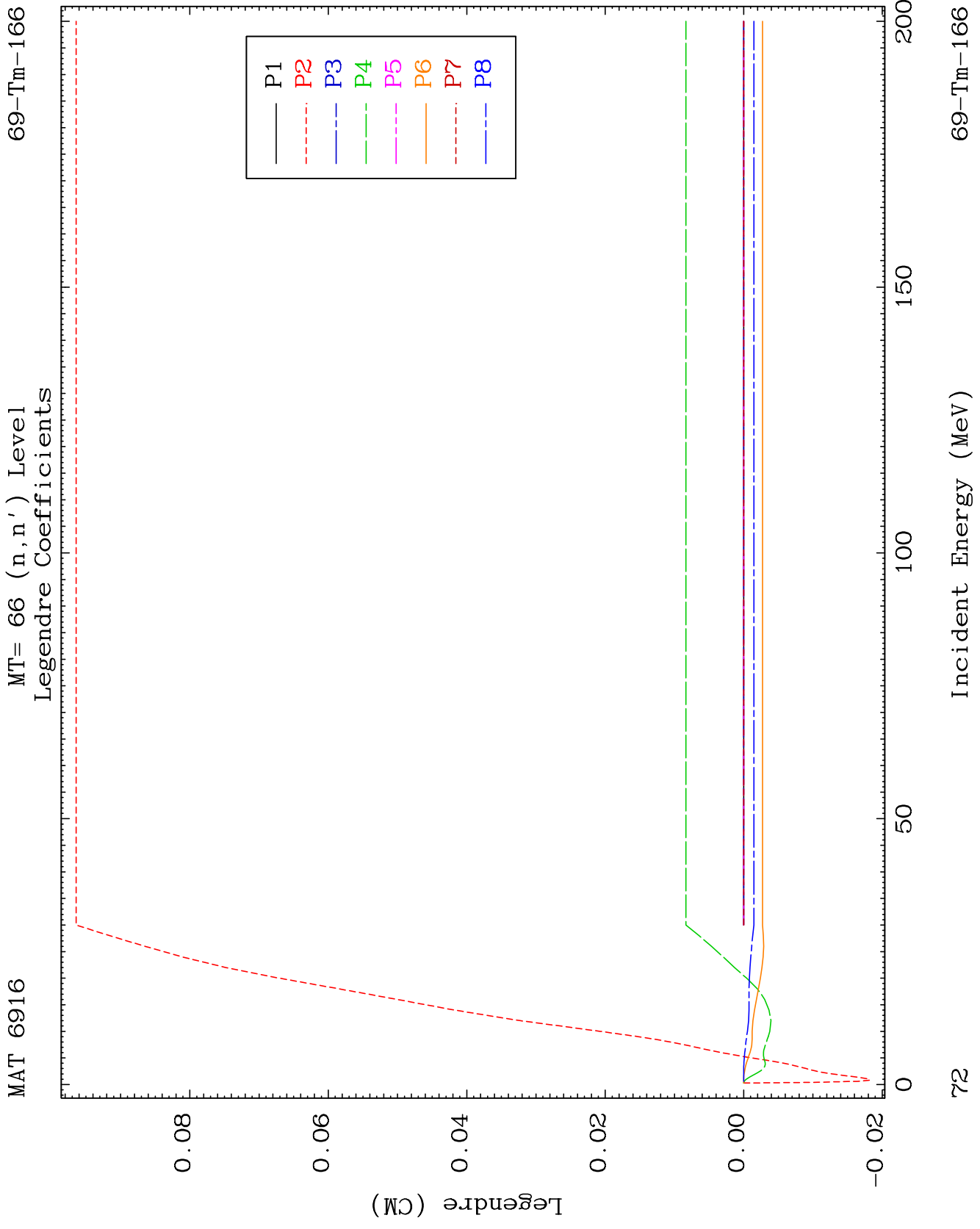
69

Incident Energy (MeV)

69-Tm-166



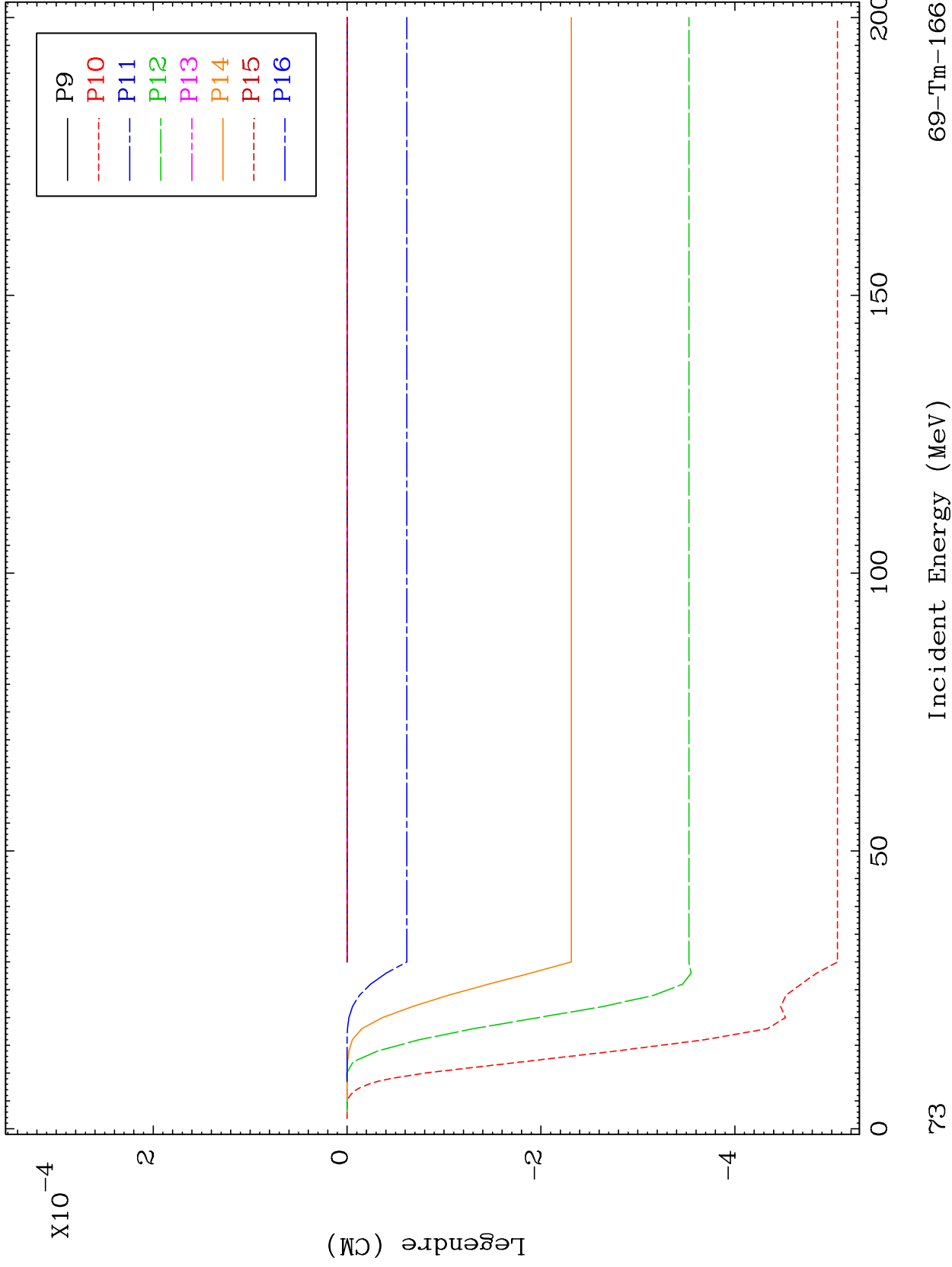




MAT 6916

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

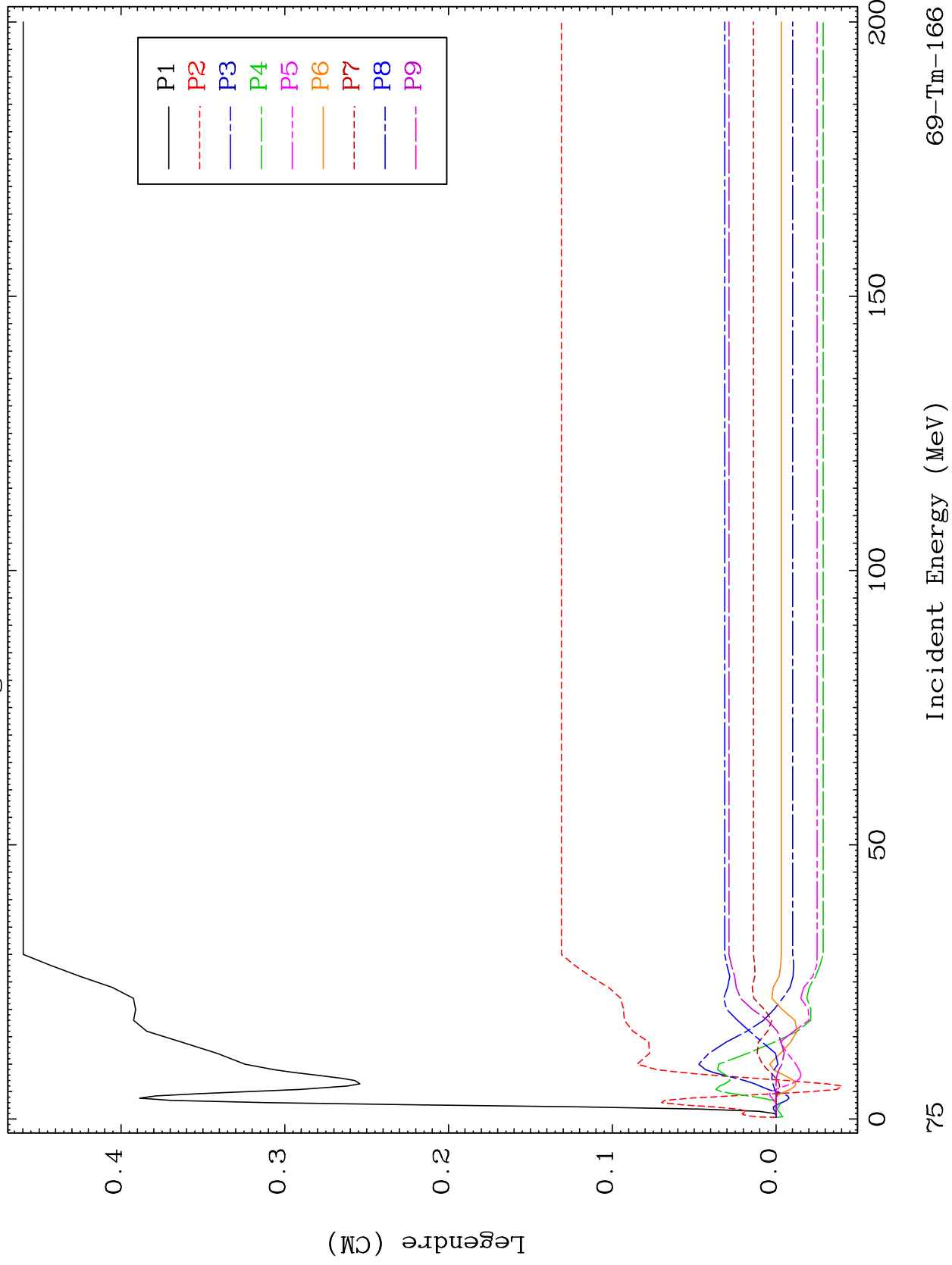
69-Tm-166



MAT 6916

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

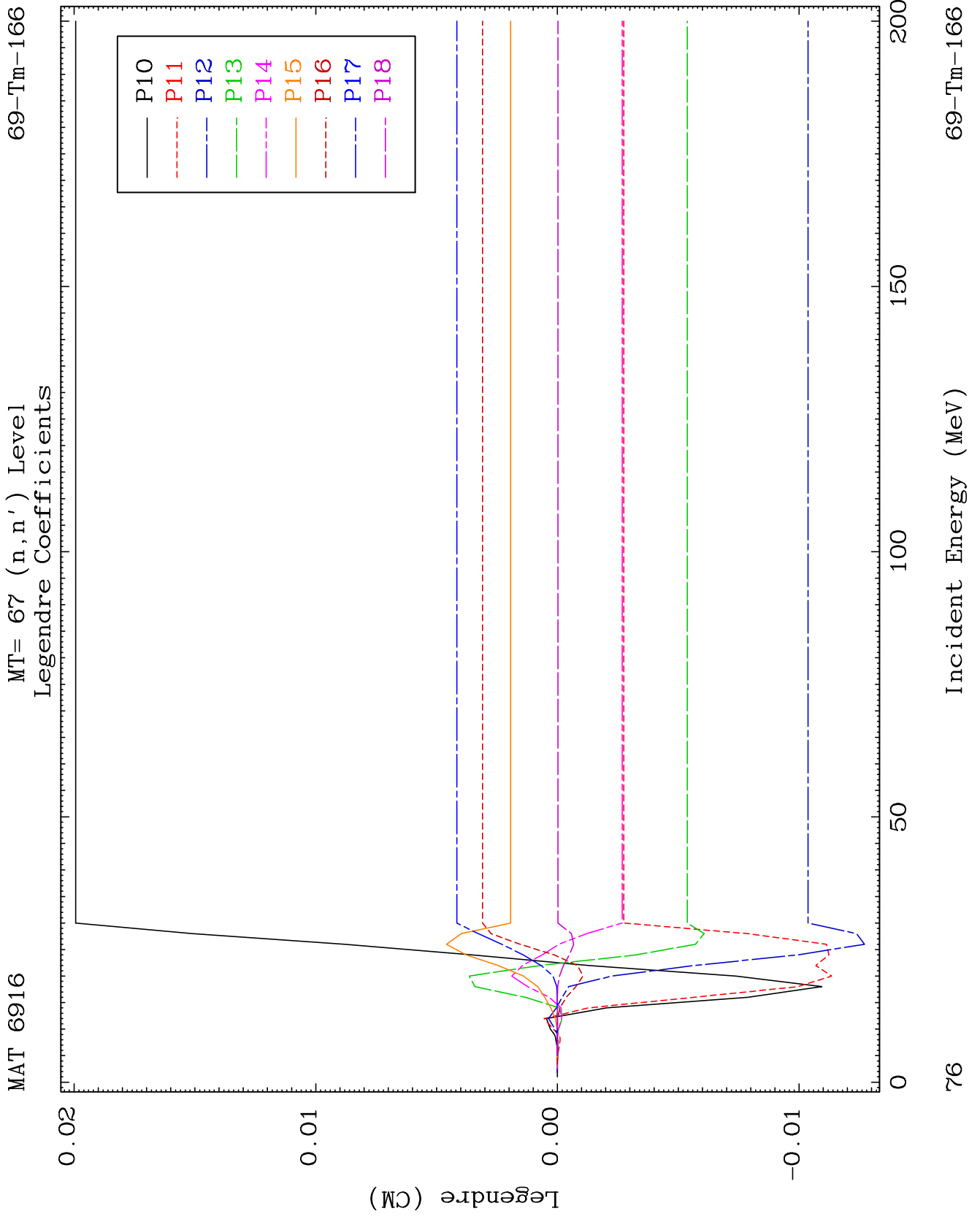
69-Tm-166

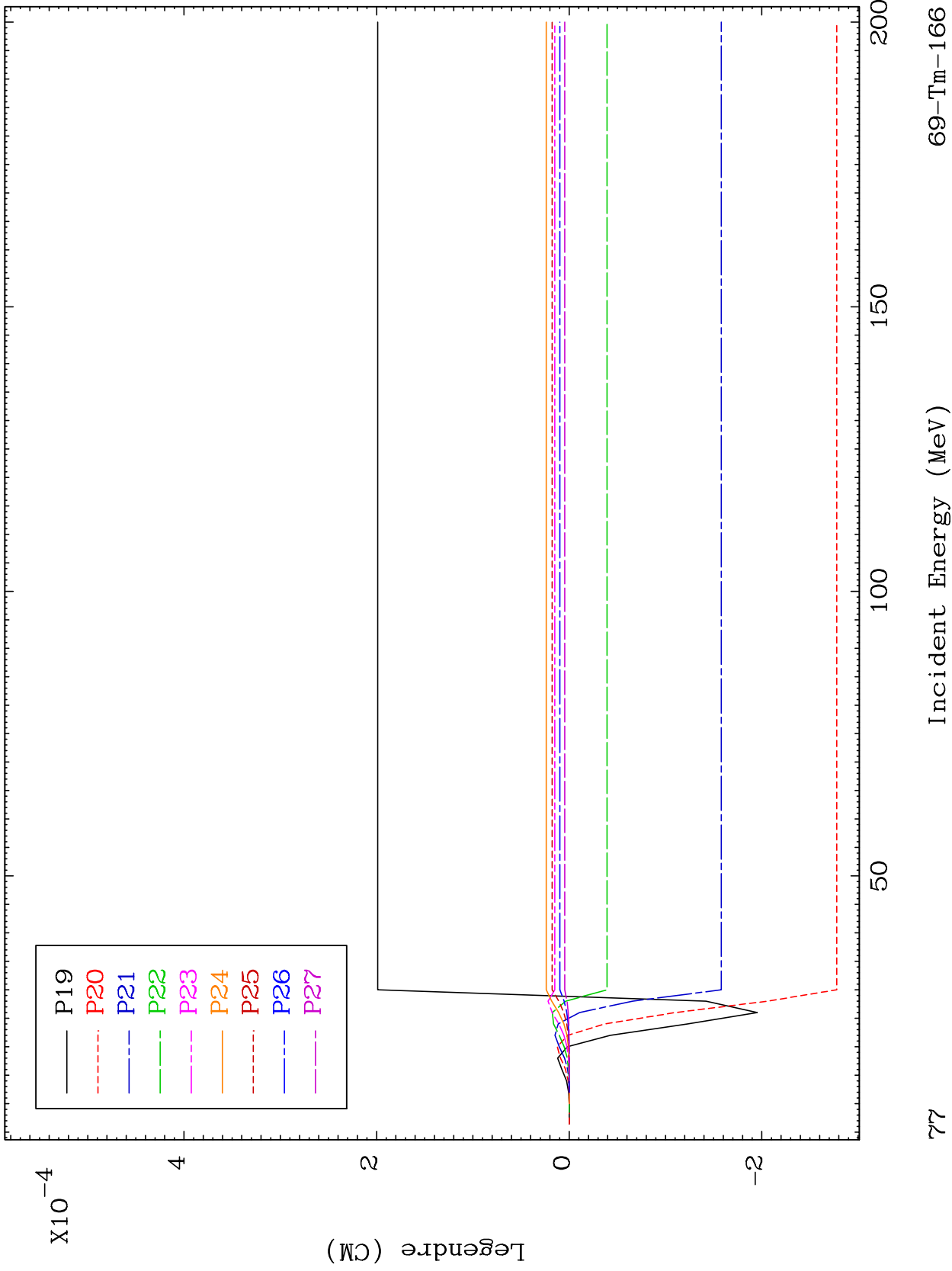


69-Tm-166

Incident Energy (MeV)

75

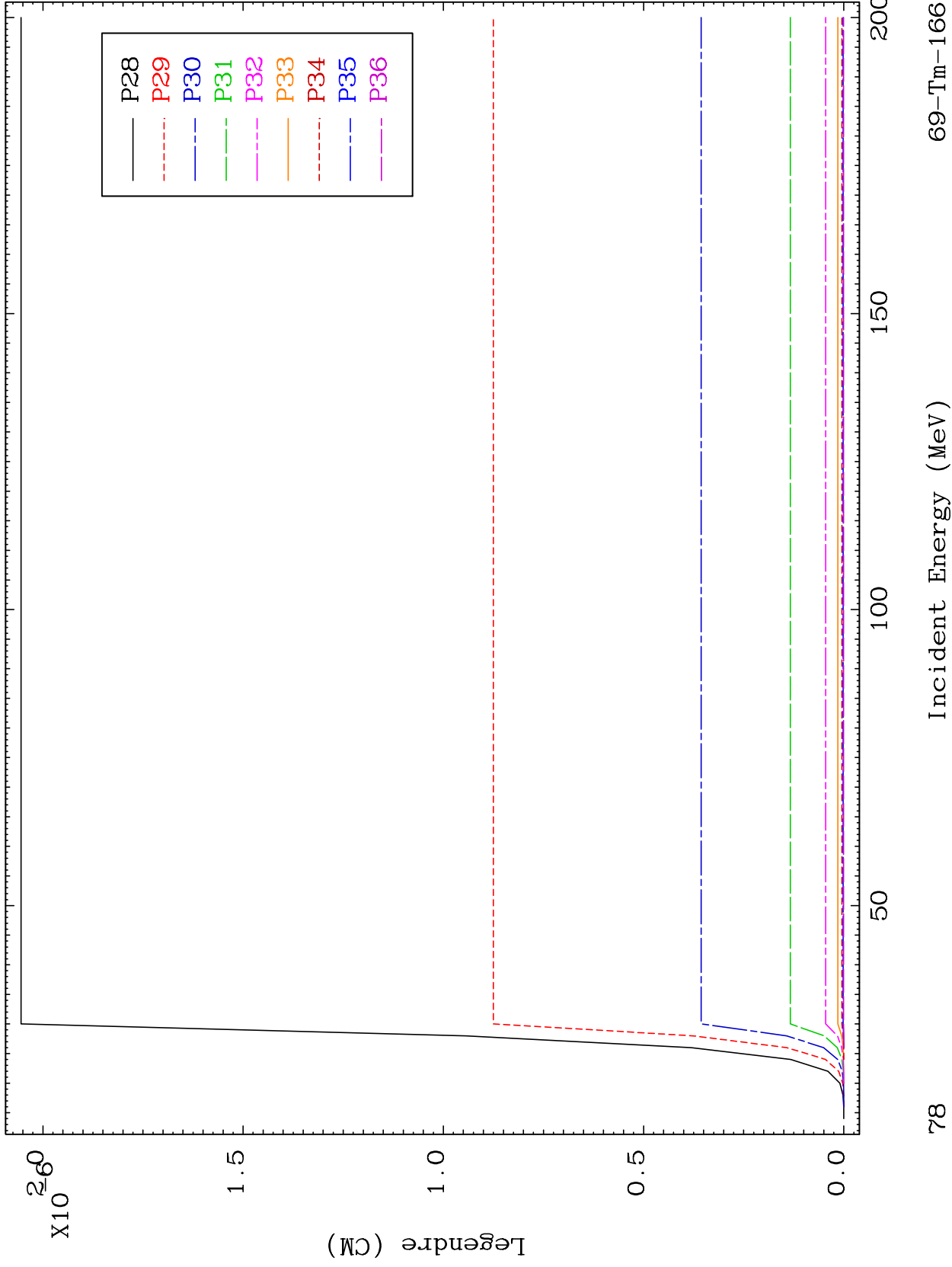




MAT 6916

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

69-Tm-166



78

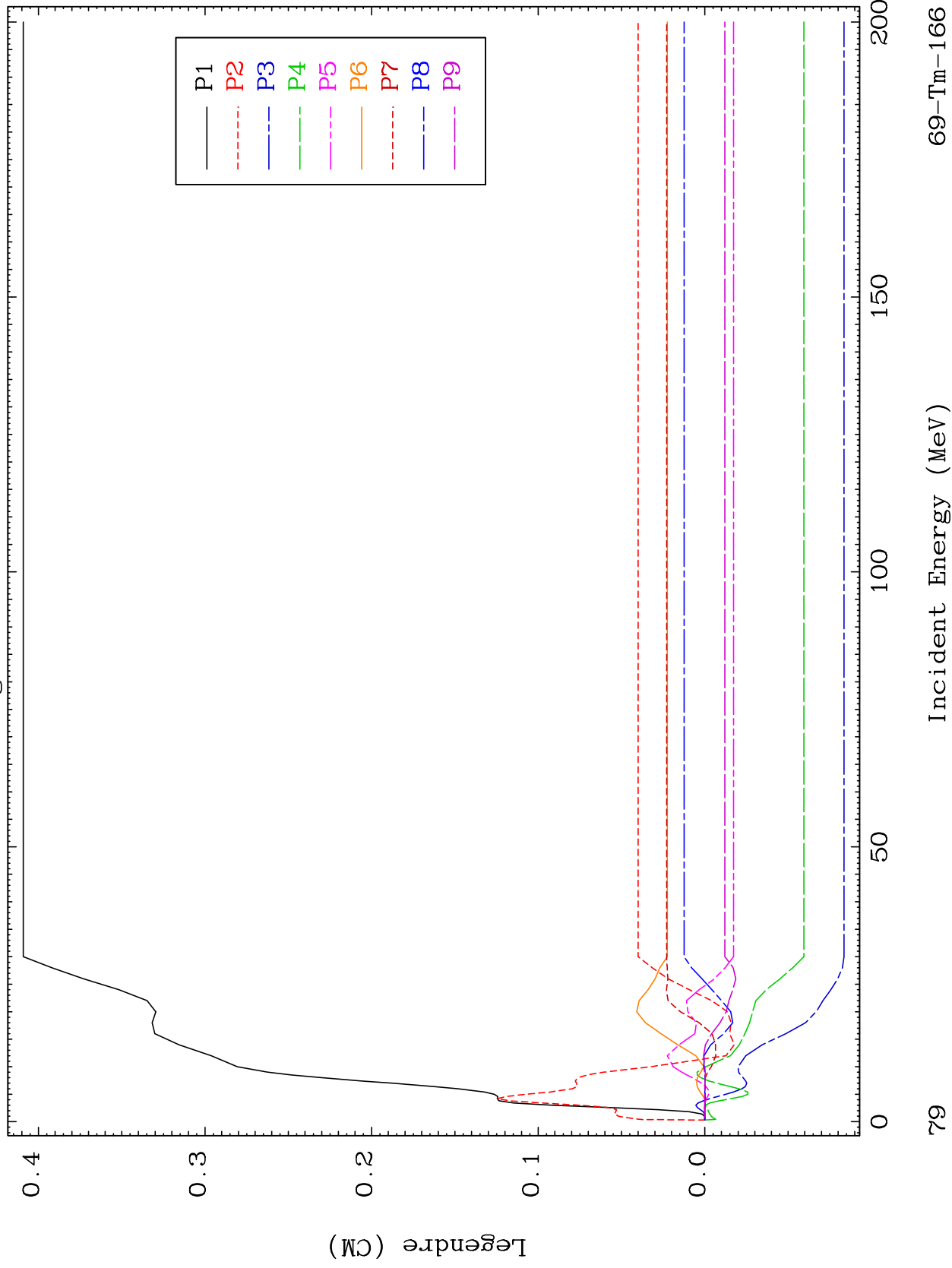
Incident Energy (MeV)

69-Tm-166

MAT 6916

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

69-Tm-166



69-Tm-166

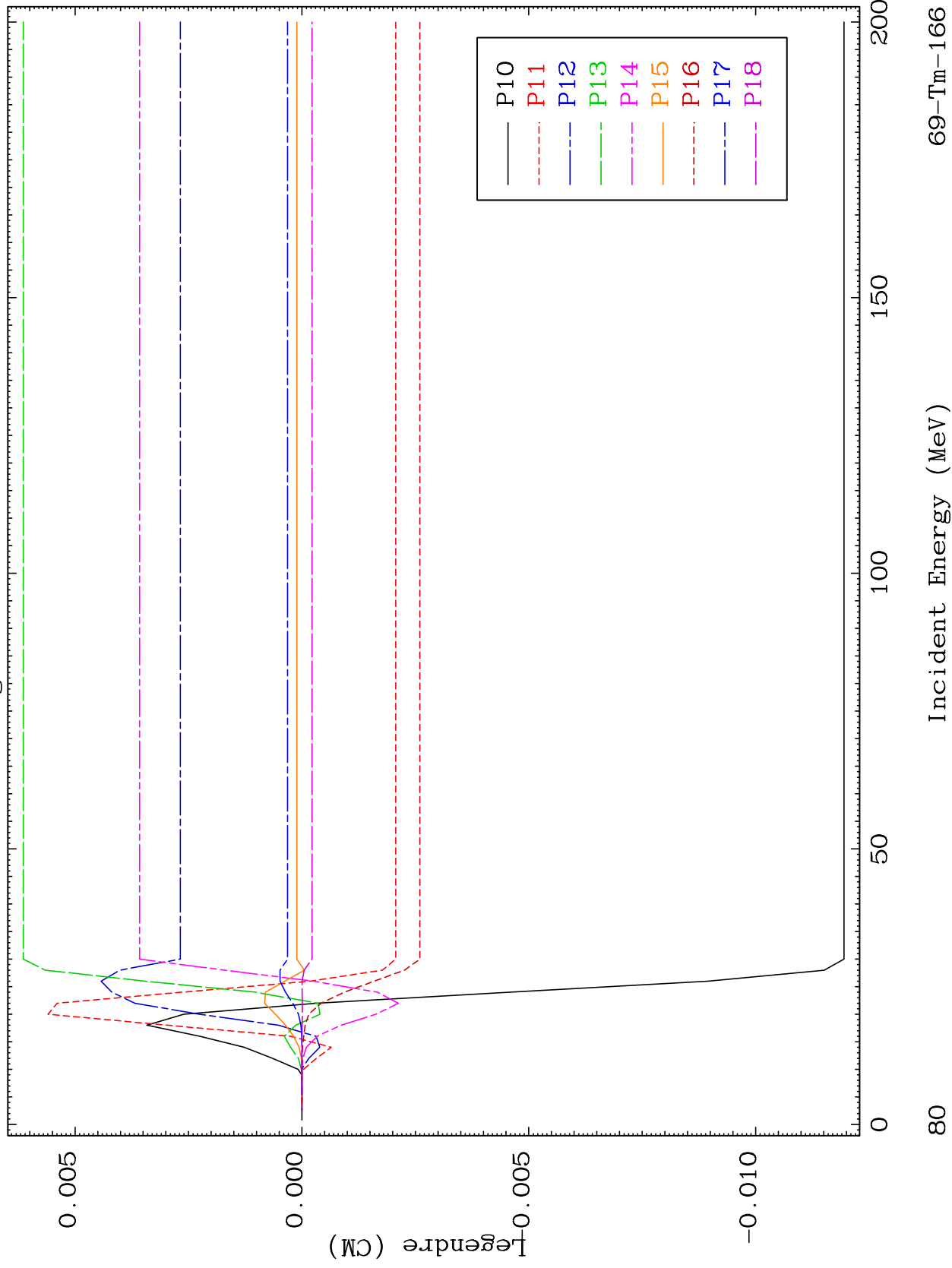
Incident Energy (MeV)

79

MAT 6916

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

69-Tm-166



69-Tm-166

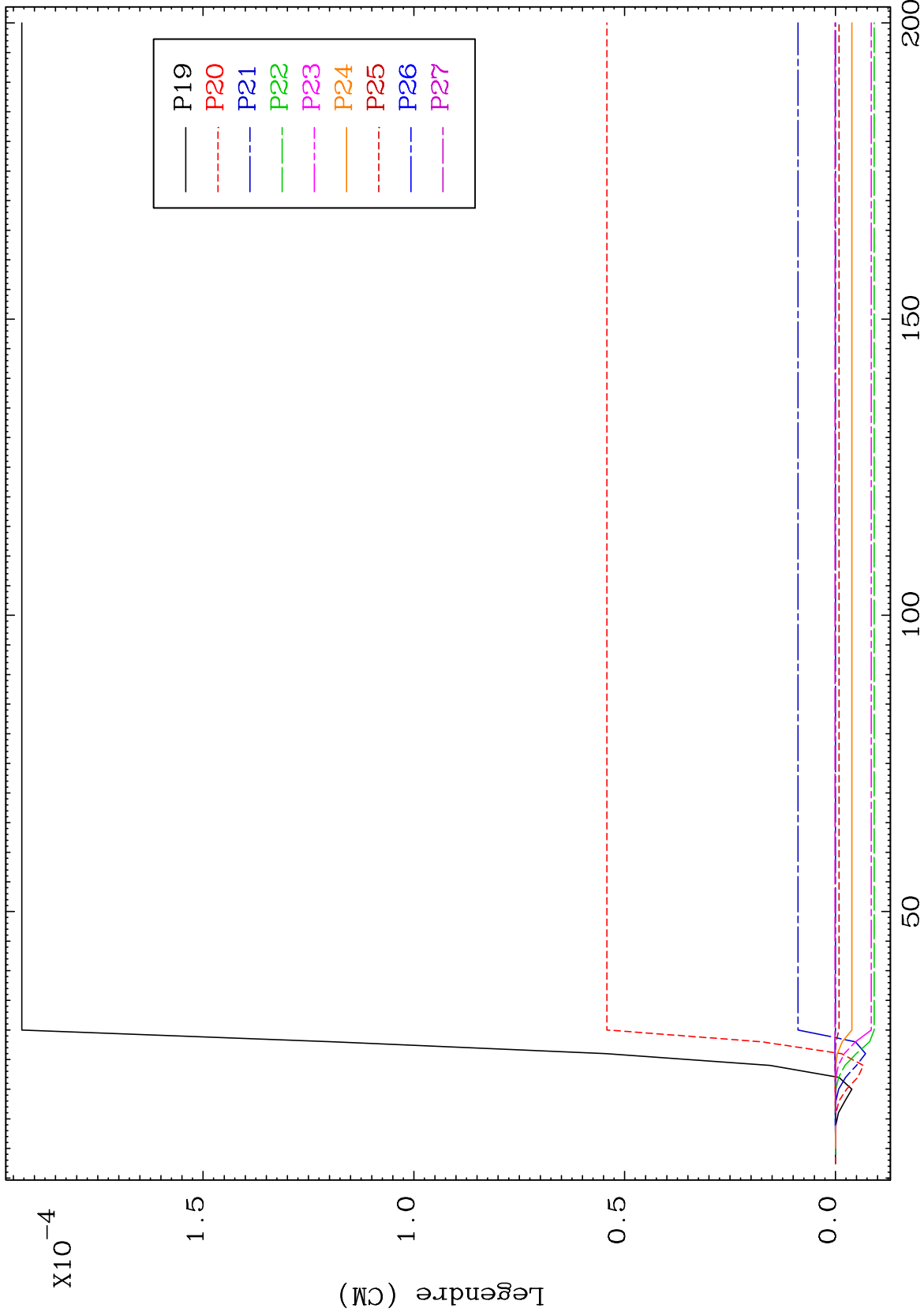
Incident Energy (MeV)

80

MAT 6916

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

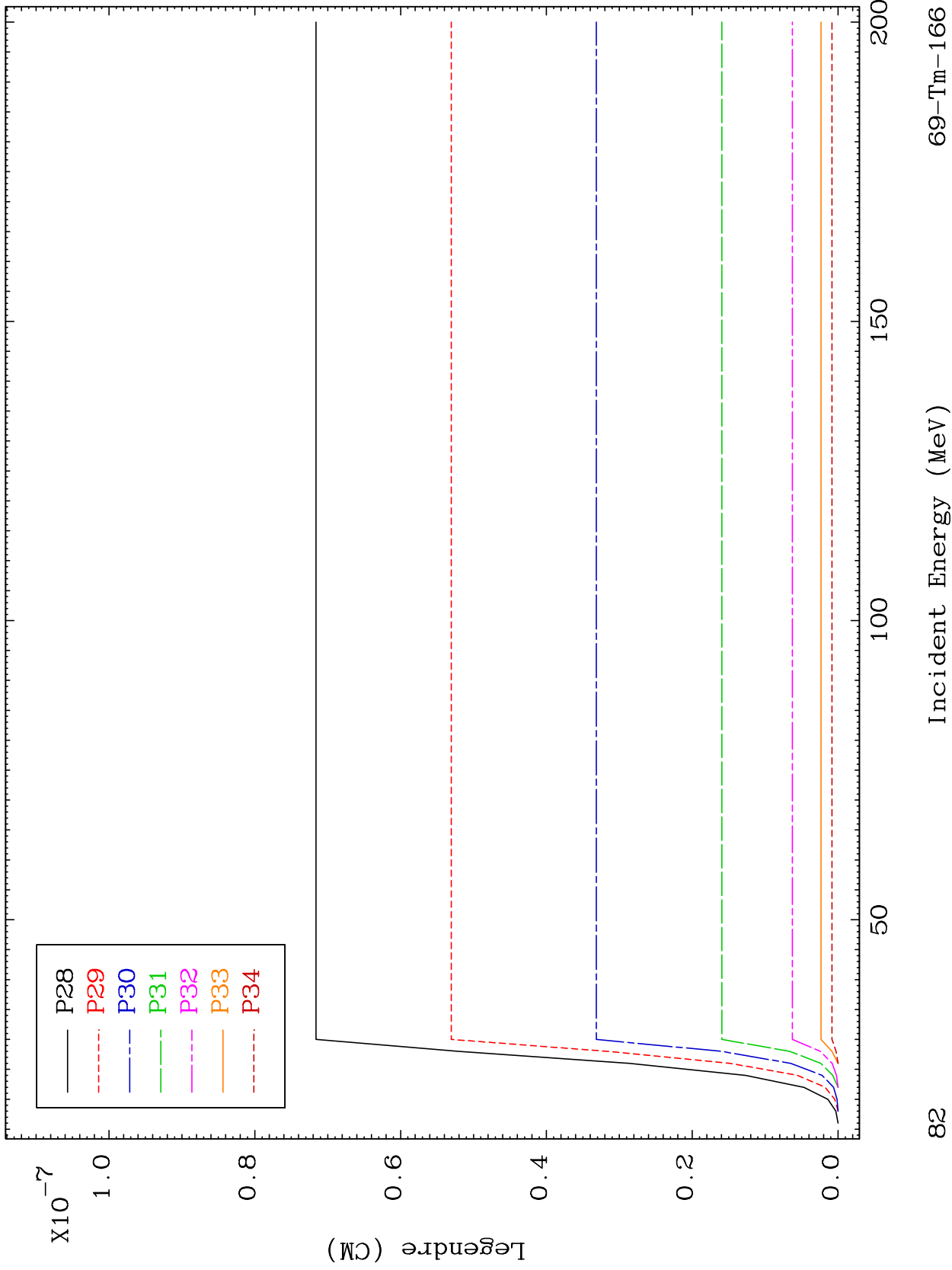
69-Tm-166



81

Incident Energy (MeV)

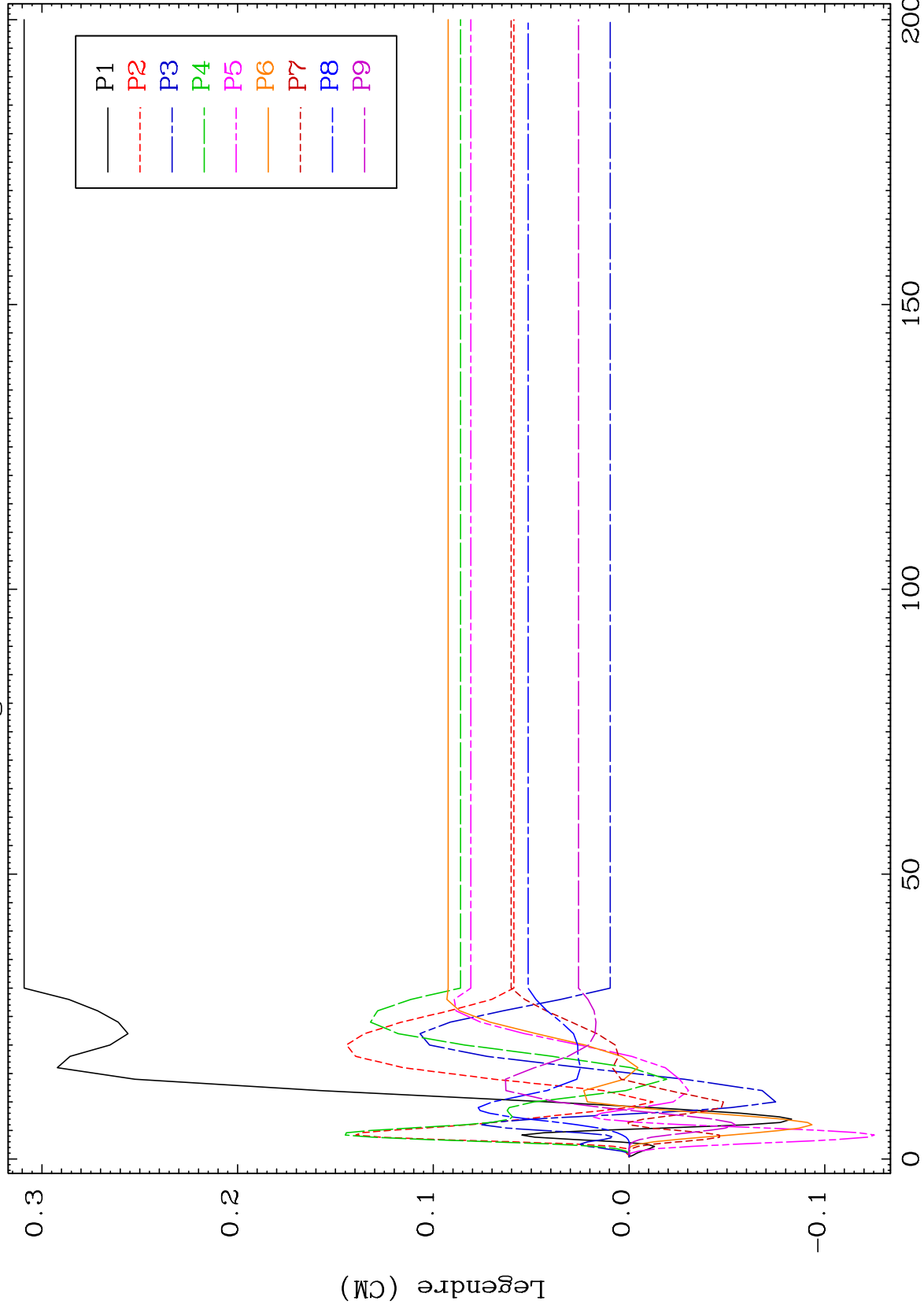
69-Tm-166



MAT 6916

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

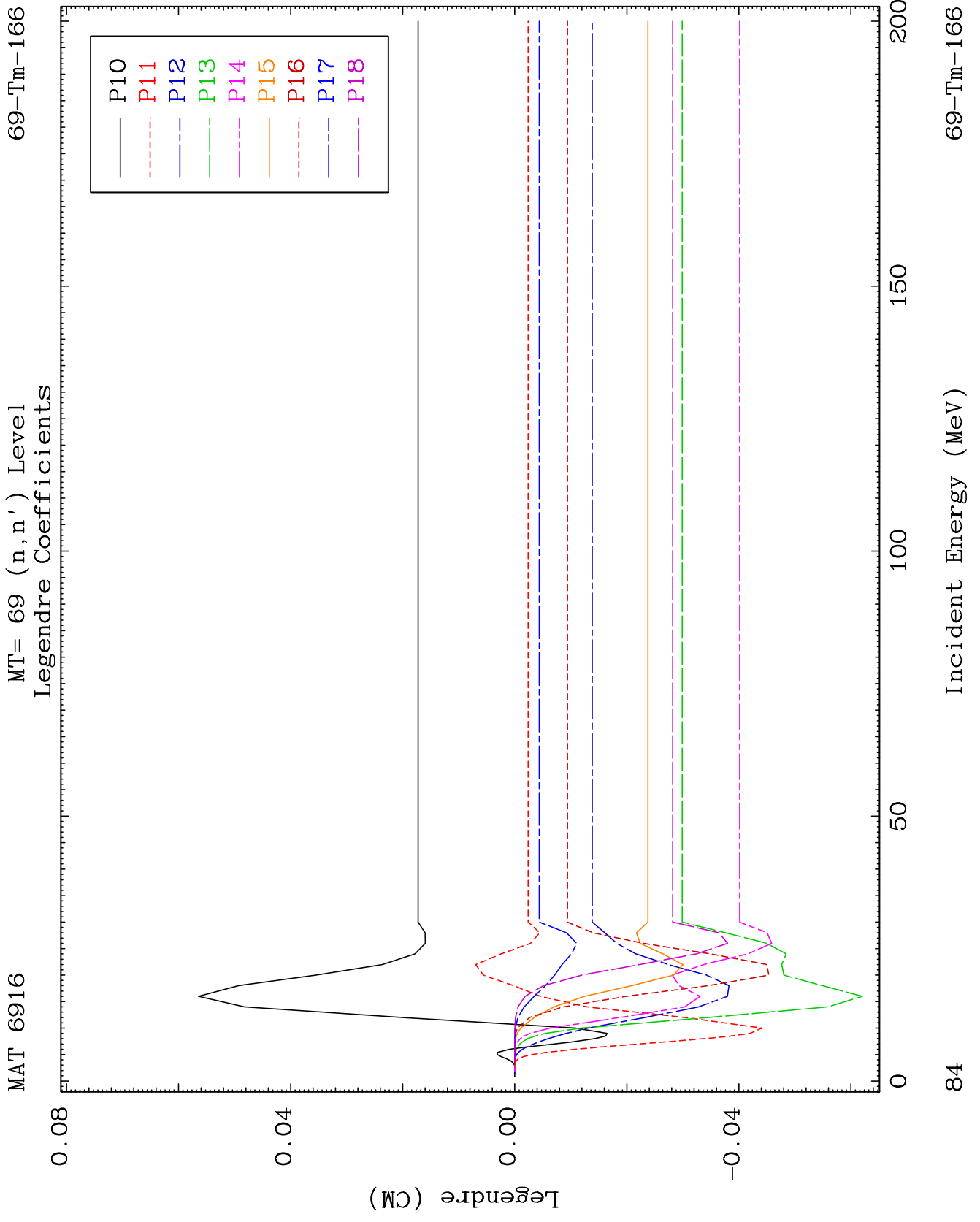
69-Tm-166



83

Incident Energy (MeV)

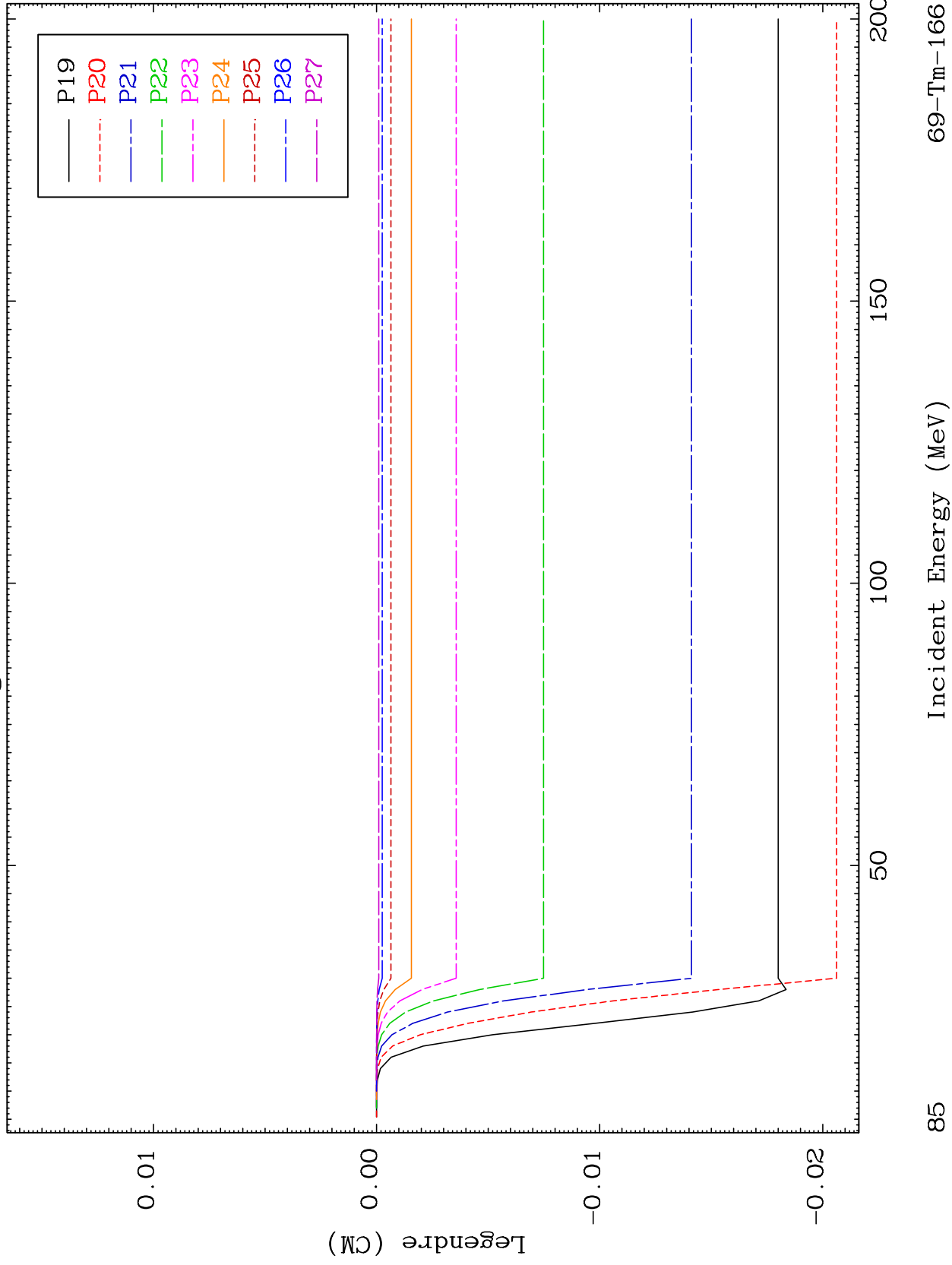
69-Tm-166



MAT 6916

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

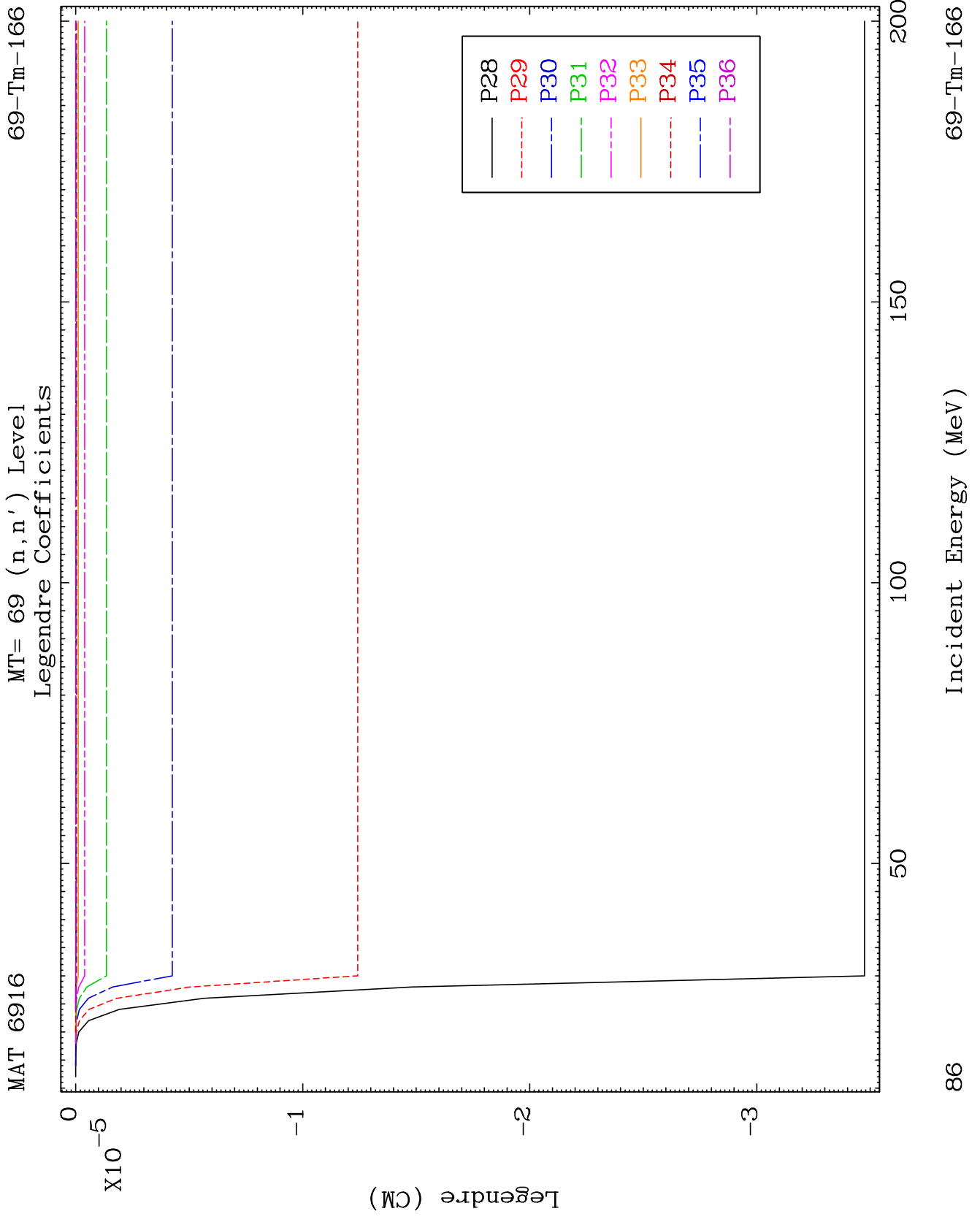
69-Tm-166



85

Incident Energy (MeV)

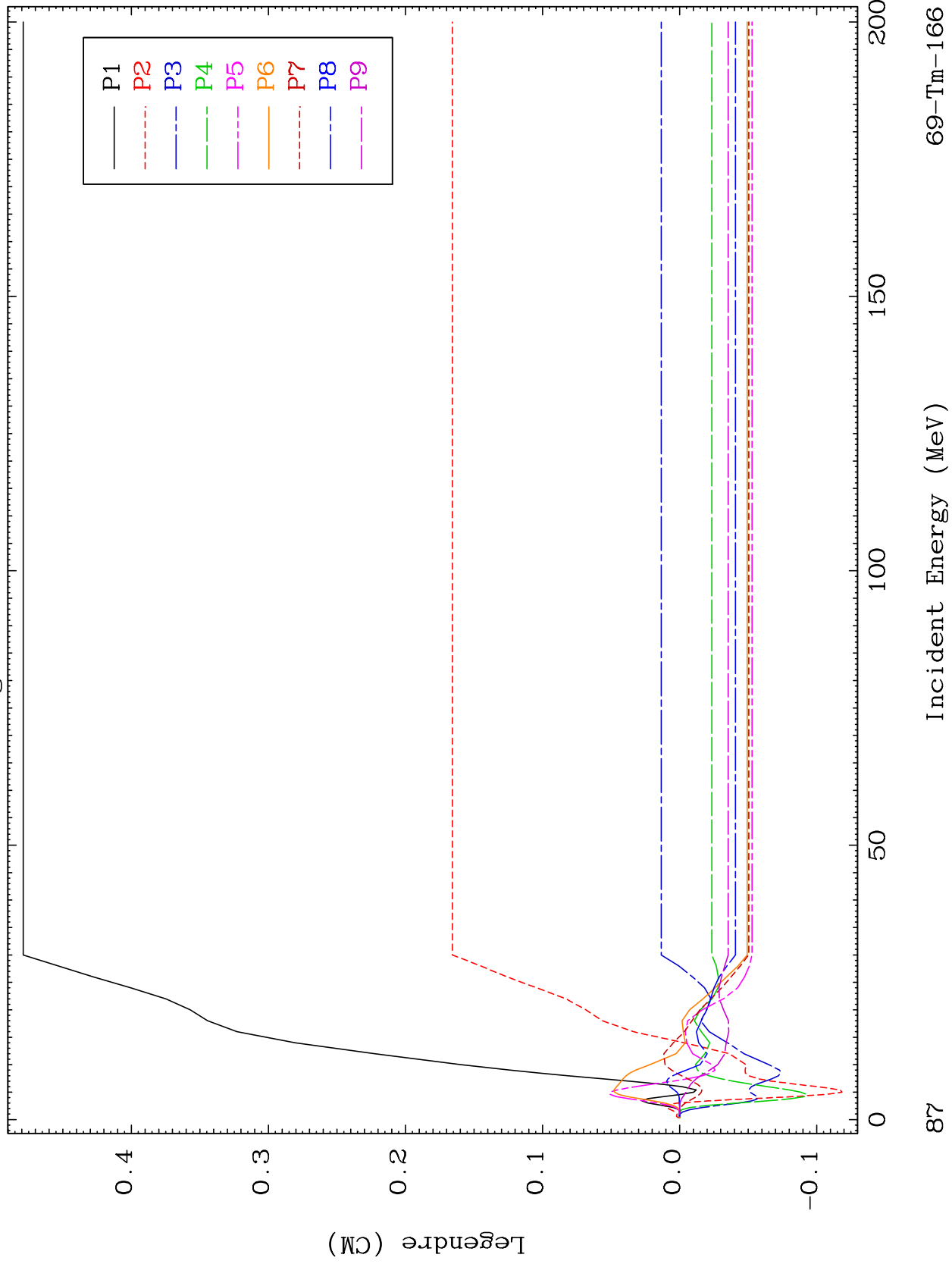
69-Tm-166



MAT 6916

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

69-Tm-166



69-Tm-166

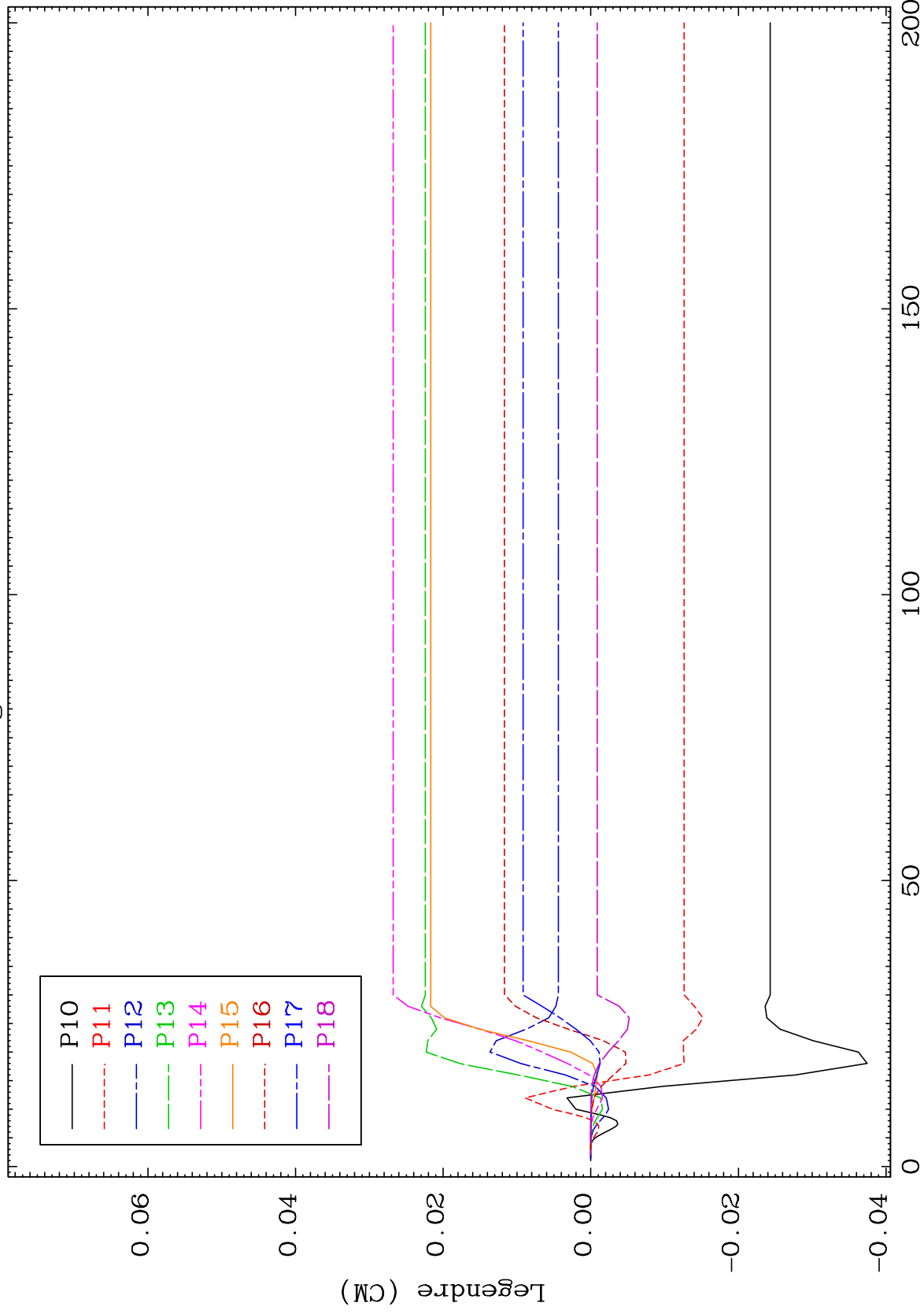
Incident Energy (MeV)

87

MAT 6916

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

69-Tm-166



88

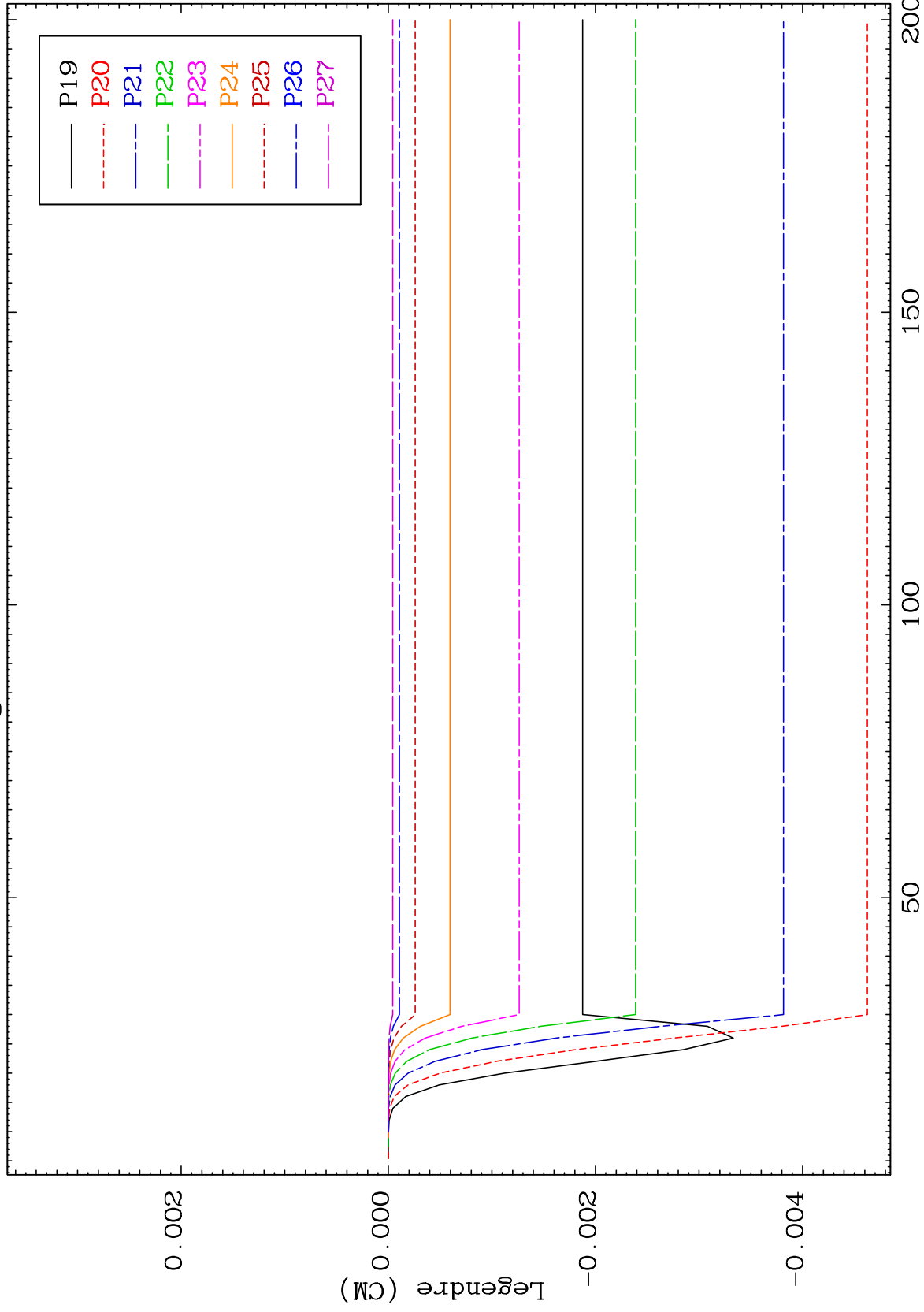
Incident Energy (MeV)

69-Tm-166

MAT 6916

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

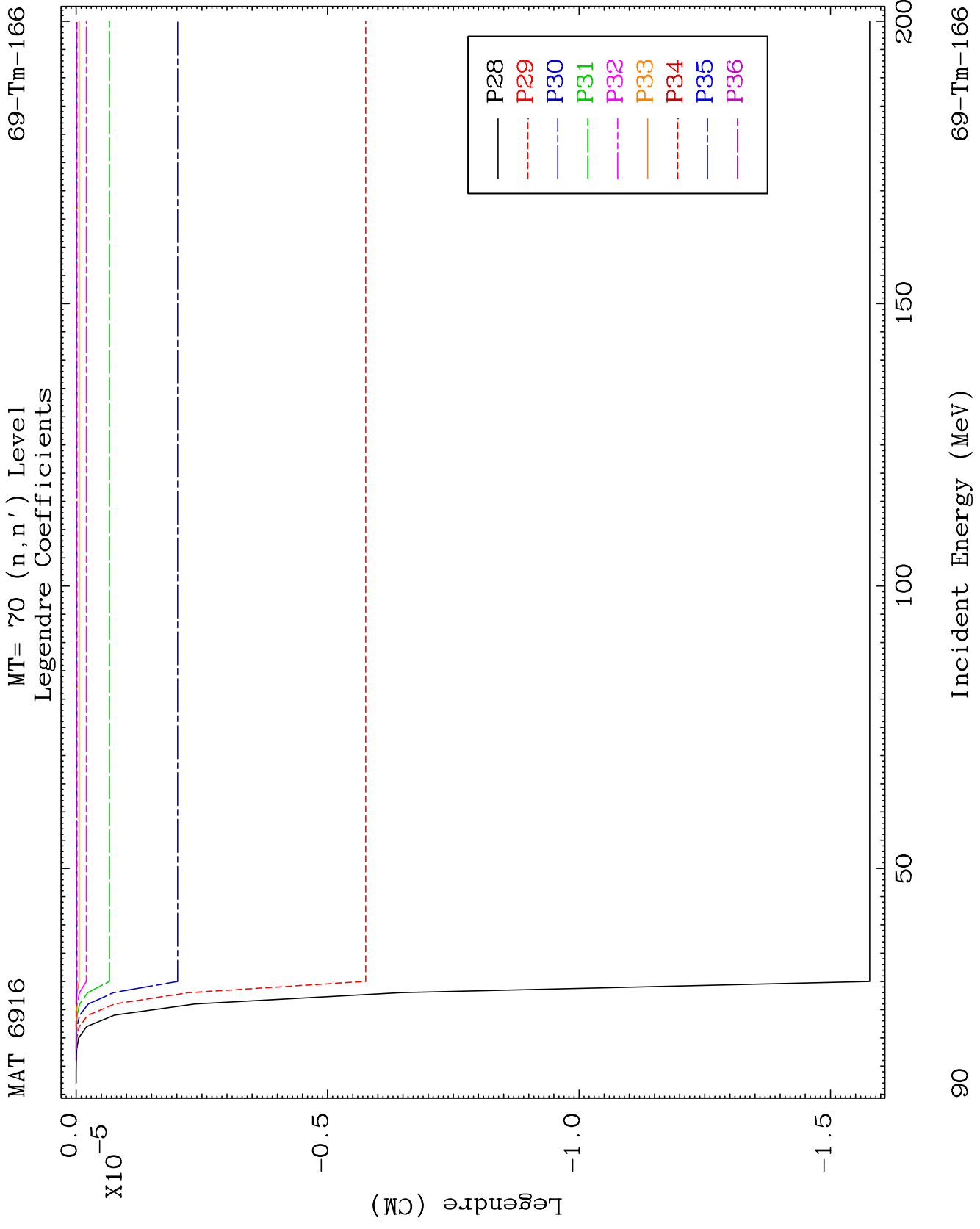
69-Tm-166

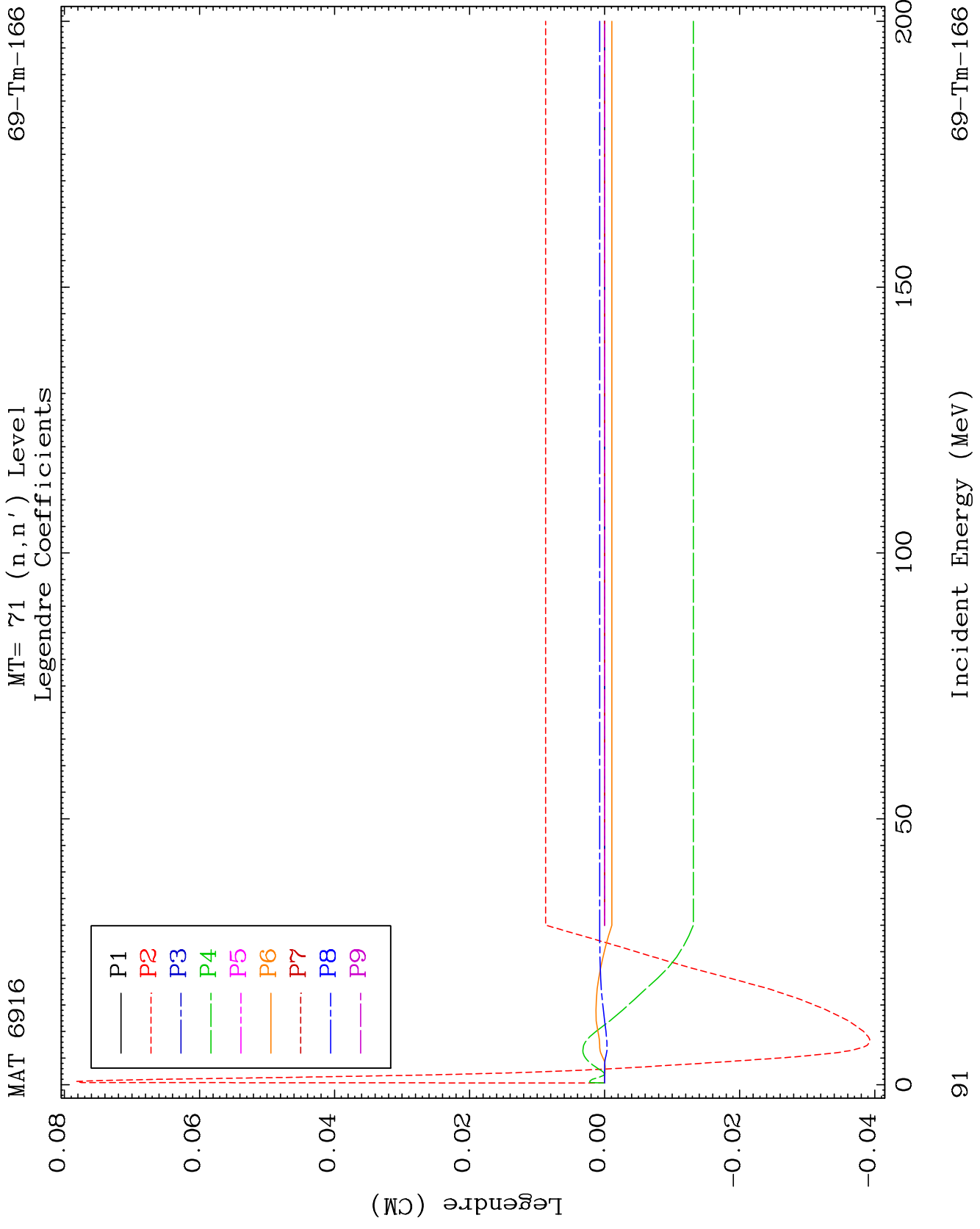


89

Incident Energy (MeV)

69-Tm-166

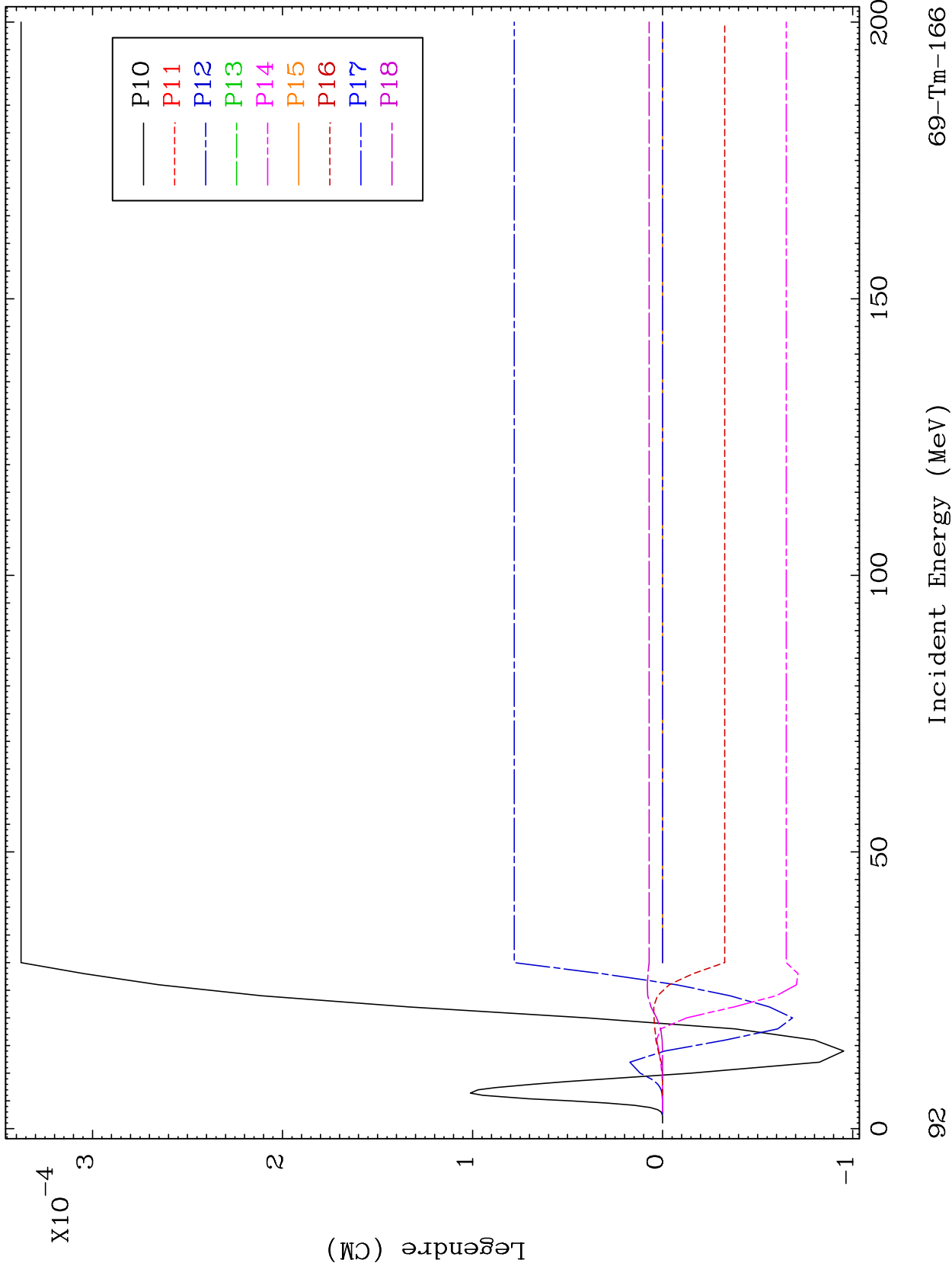




MAT 6916

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

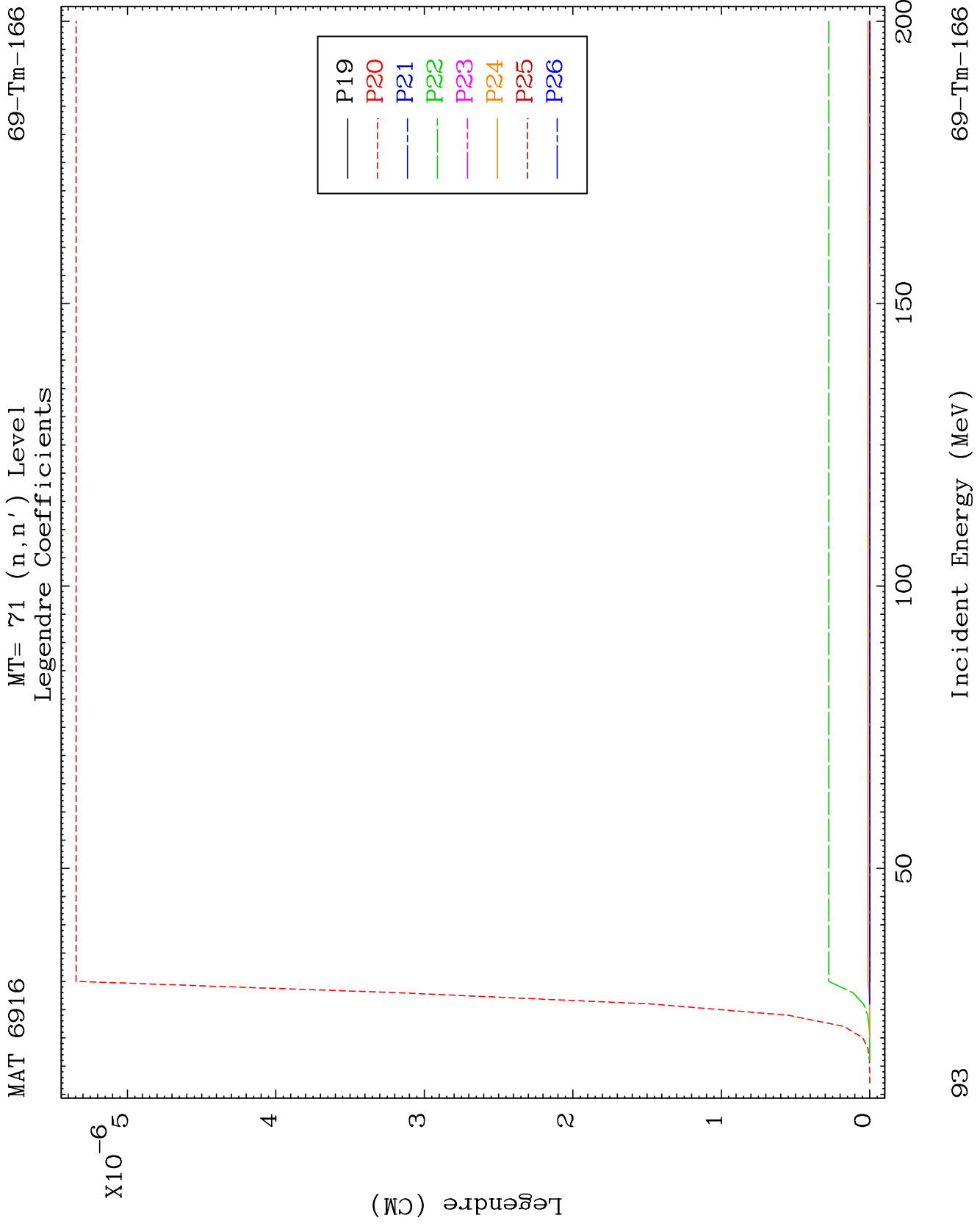
69-Tm-166



69-Tm-166

Incident Energy (MeV)

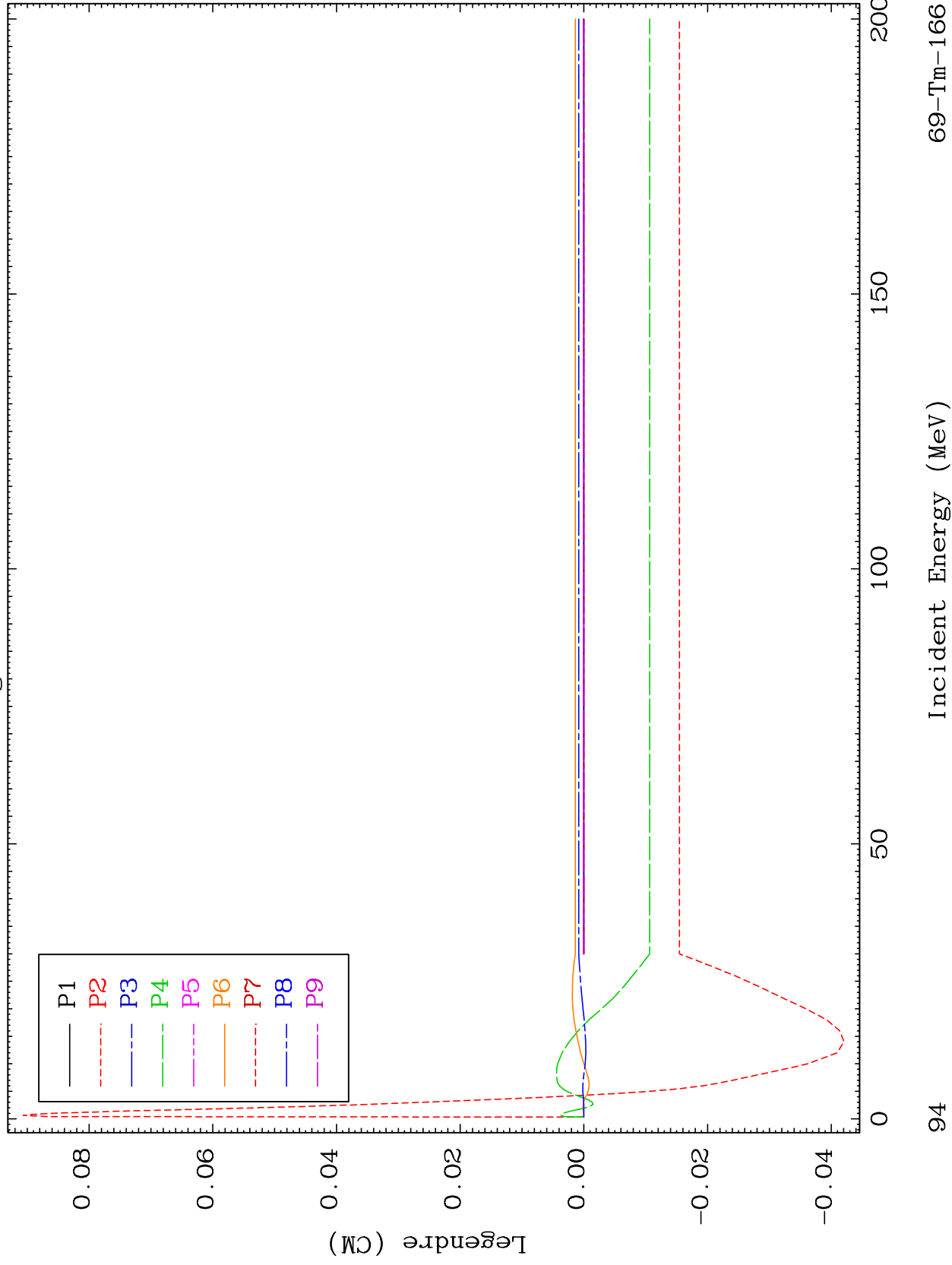
92



MAT 6916

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

69-Tm-166



94

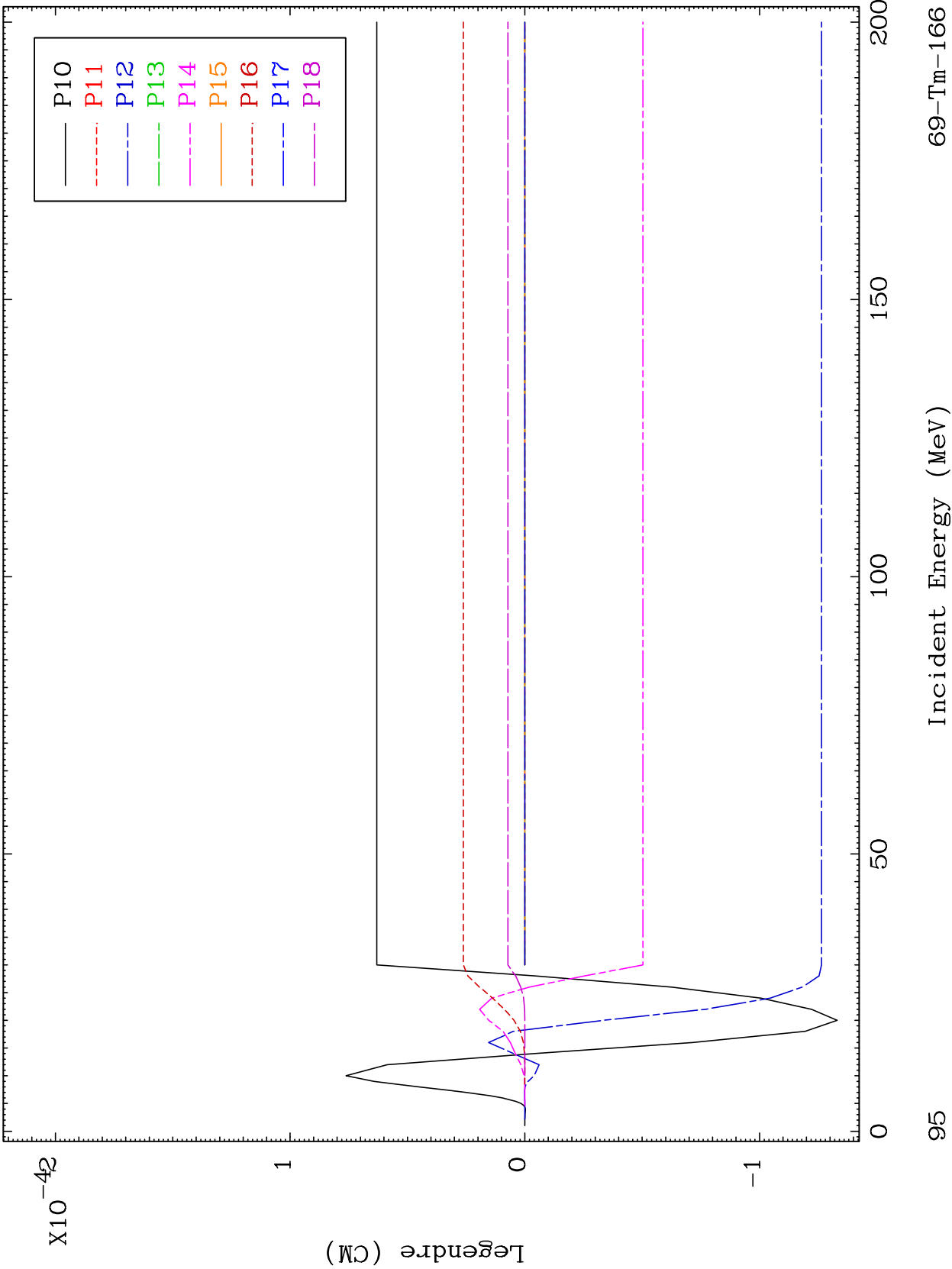
Incident Energy (MeV)

69-Tm-166

MAT 6916

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

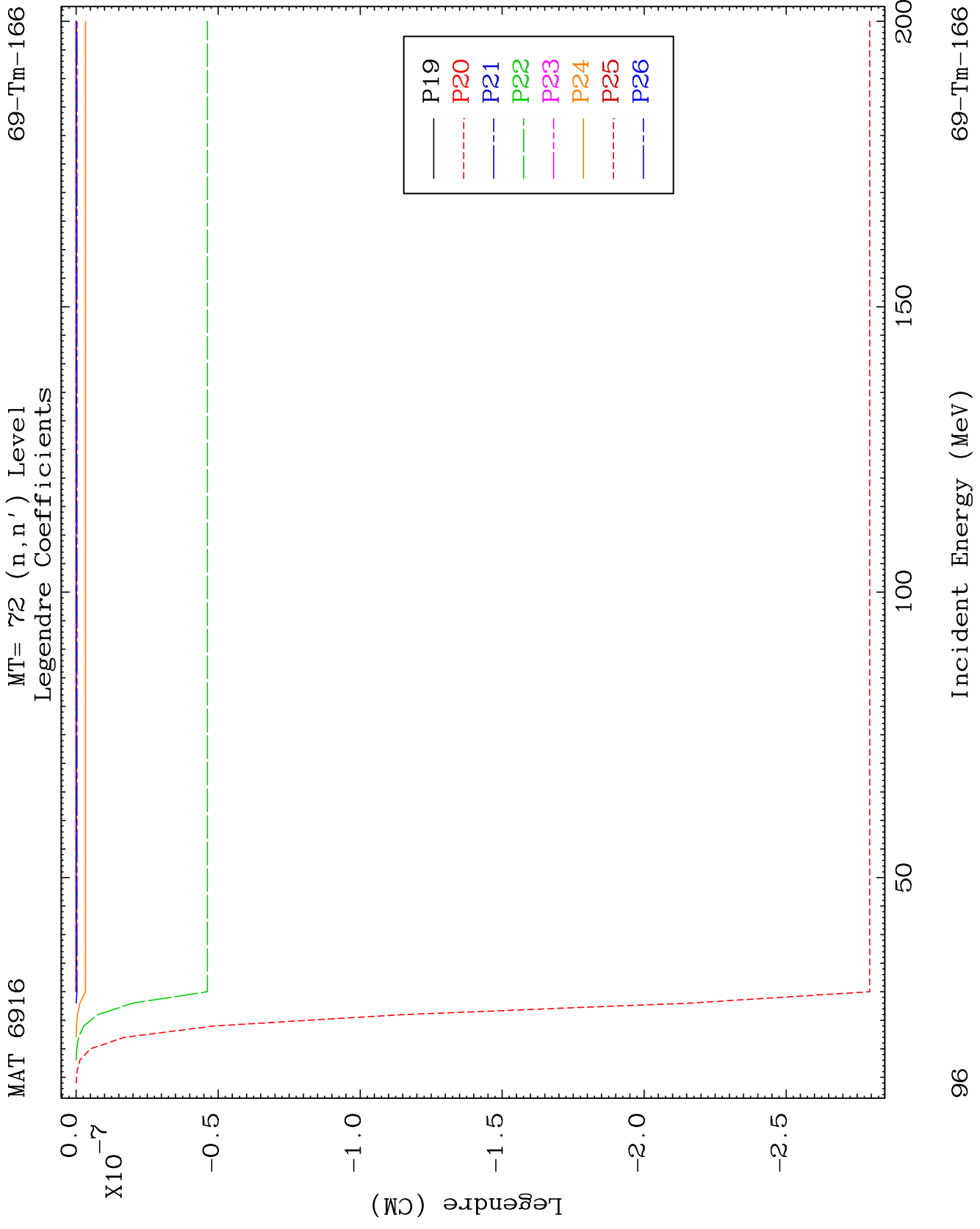
69-Tm-166



95

Incident Energy (MeV)

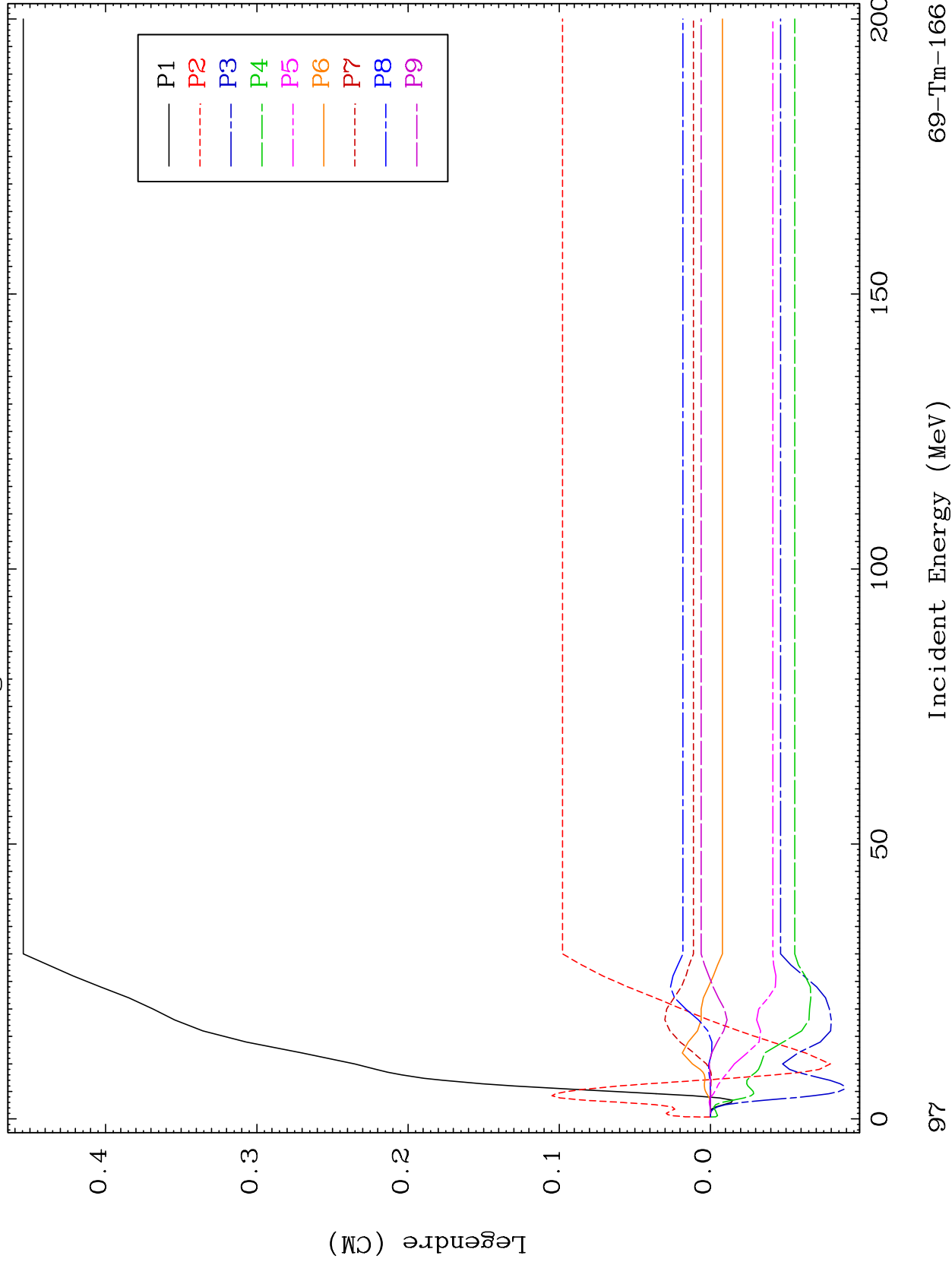
69-Tm-166



MAT 6916

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

69-Tm-166



69-Tm-166

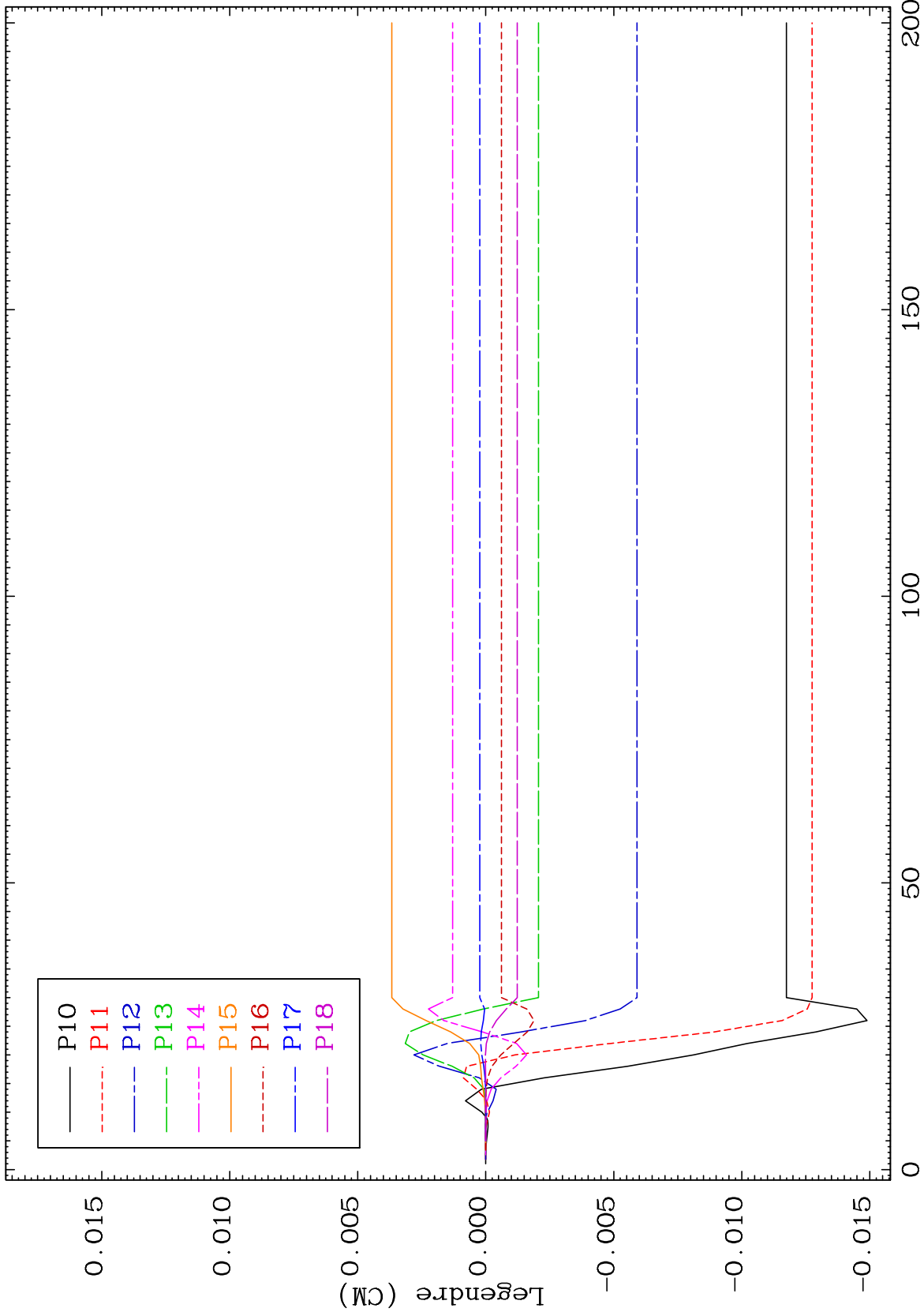
Incident Energy (MeV)

97

MAT 6916

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

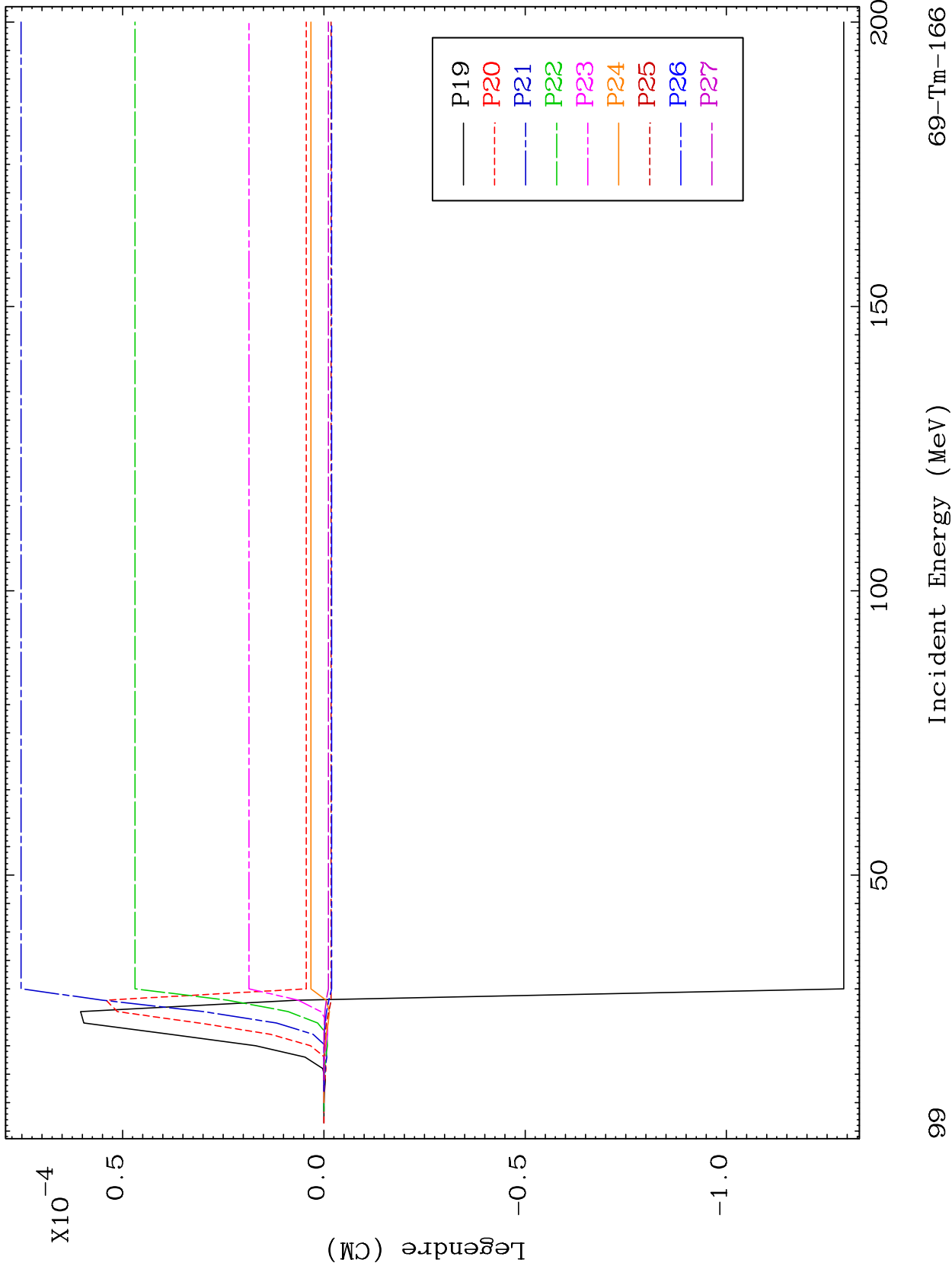
69-Tm-166



98

Incident Energy (MeV)

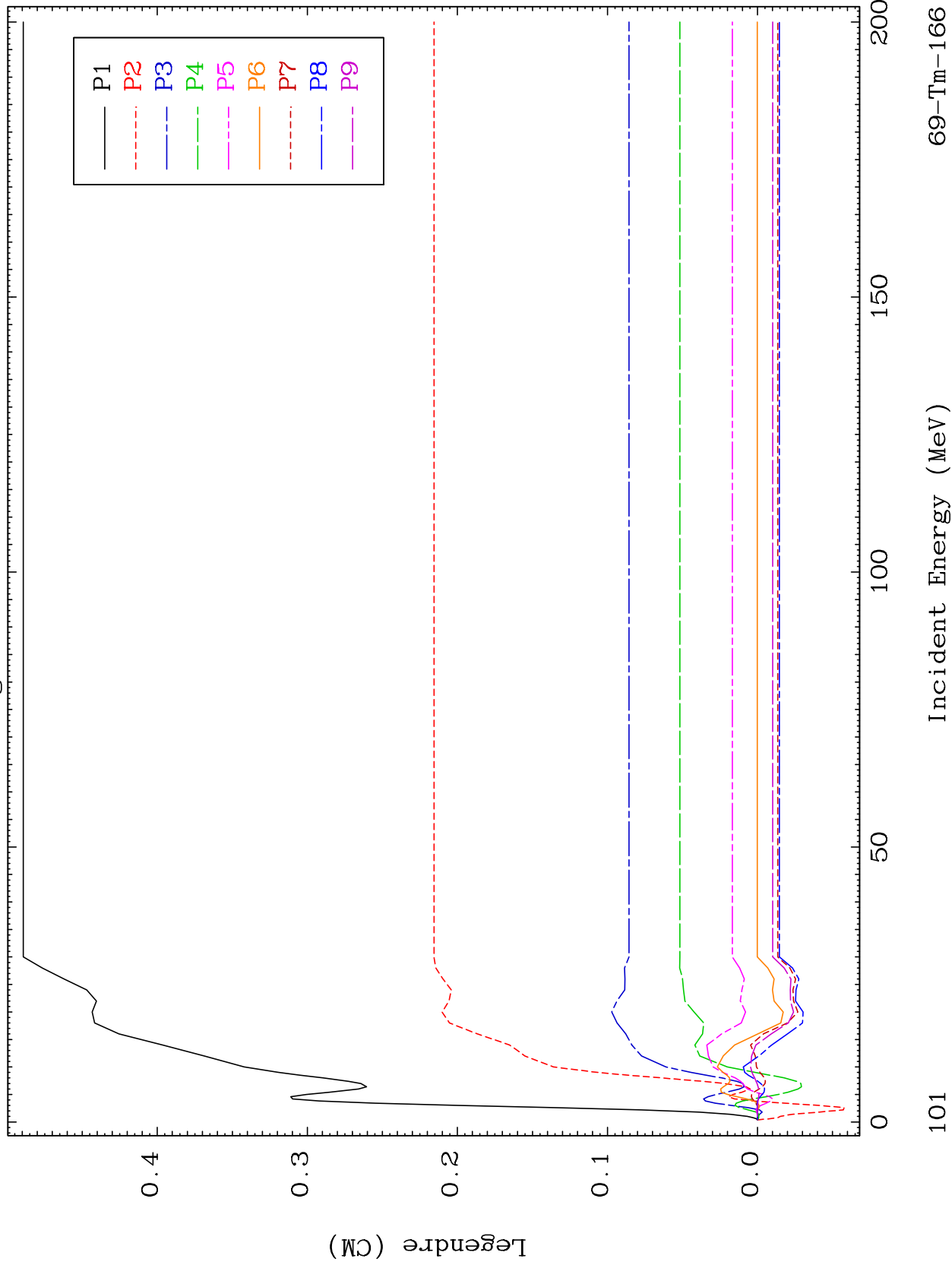
69-Tm-166



MAT 6916

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

69-Tm-166



69-Tm-166

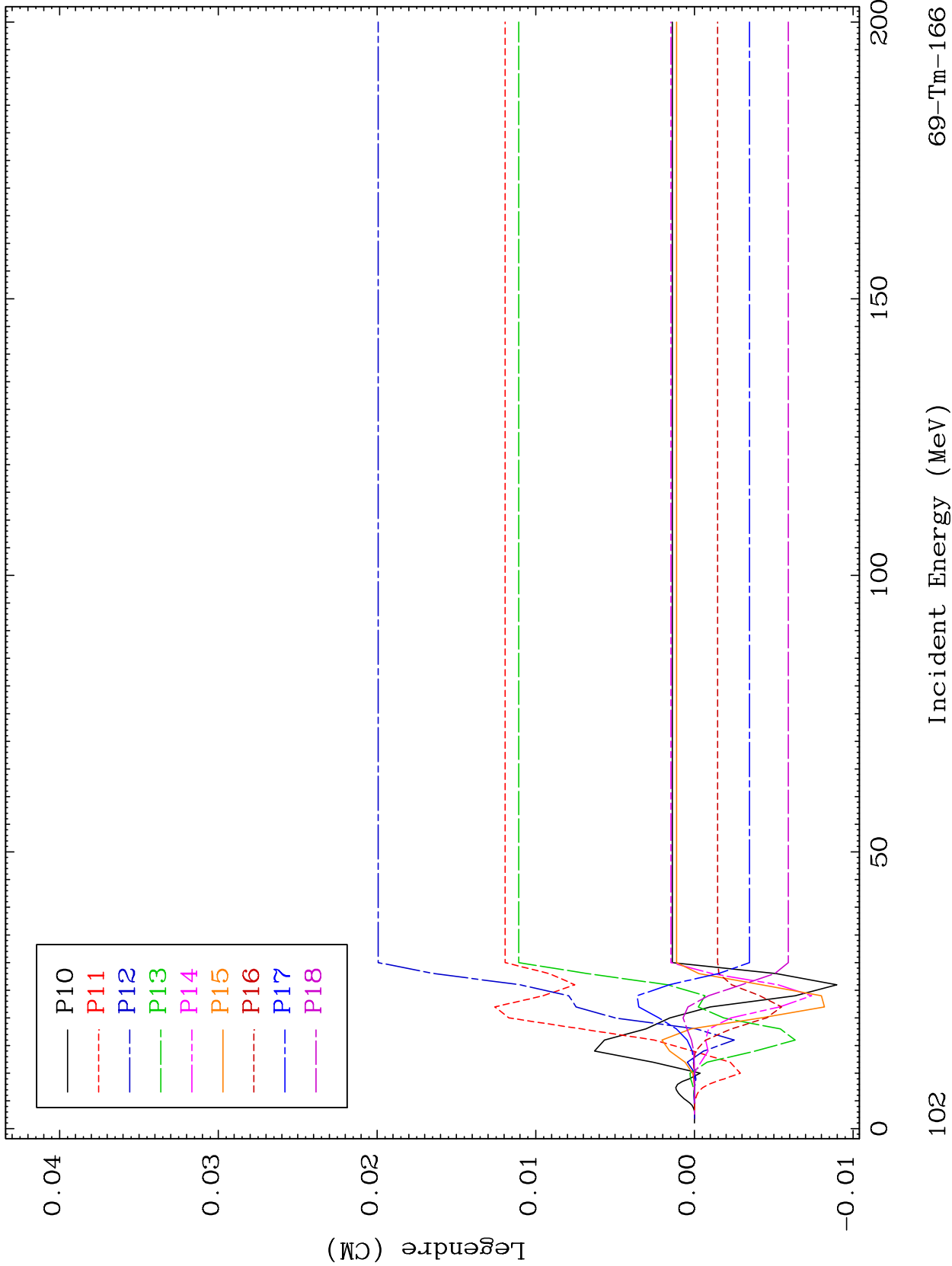
Incident Energy (MeV)

101

MAT 6916

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

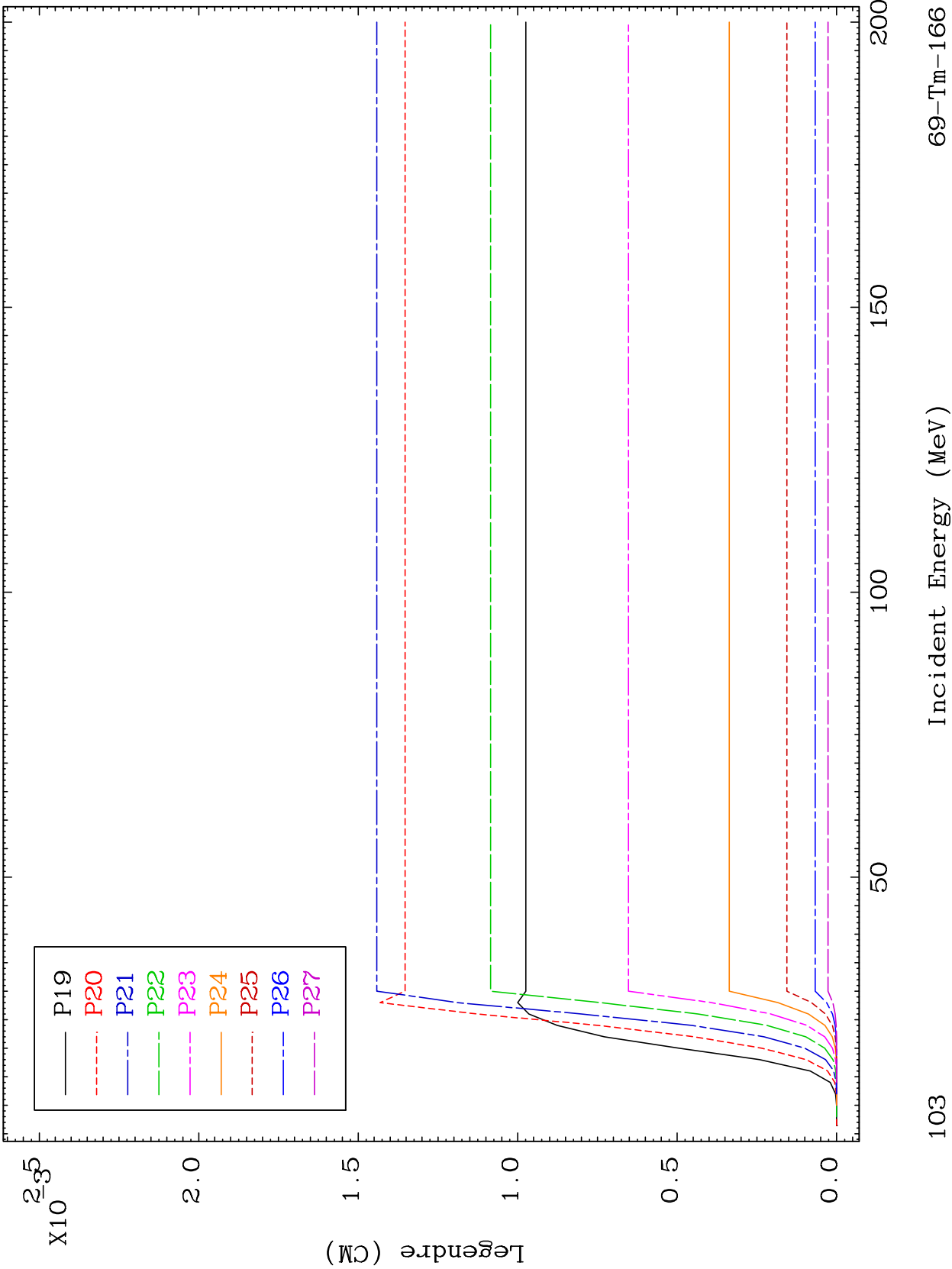
69-Tm-166



102

Incident Energy (MeV)

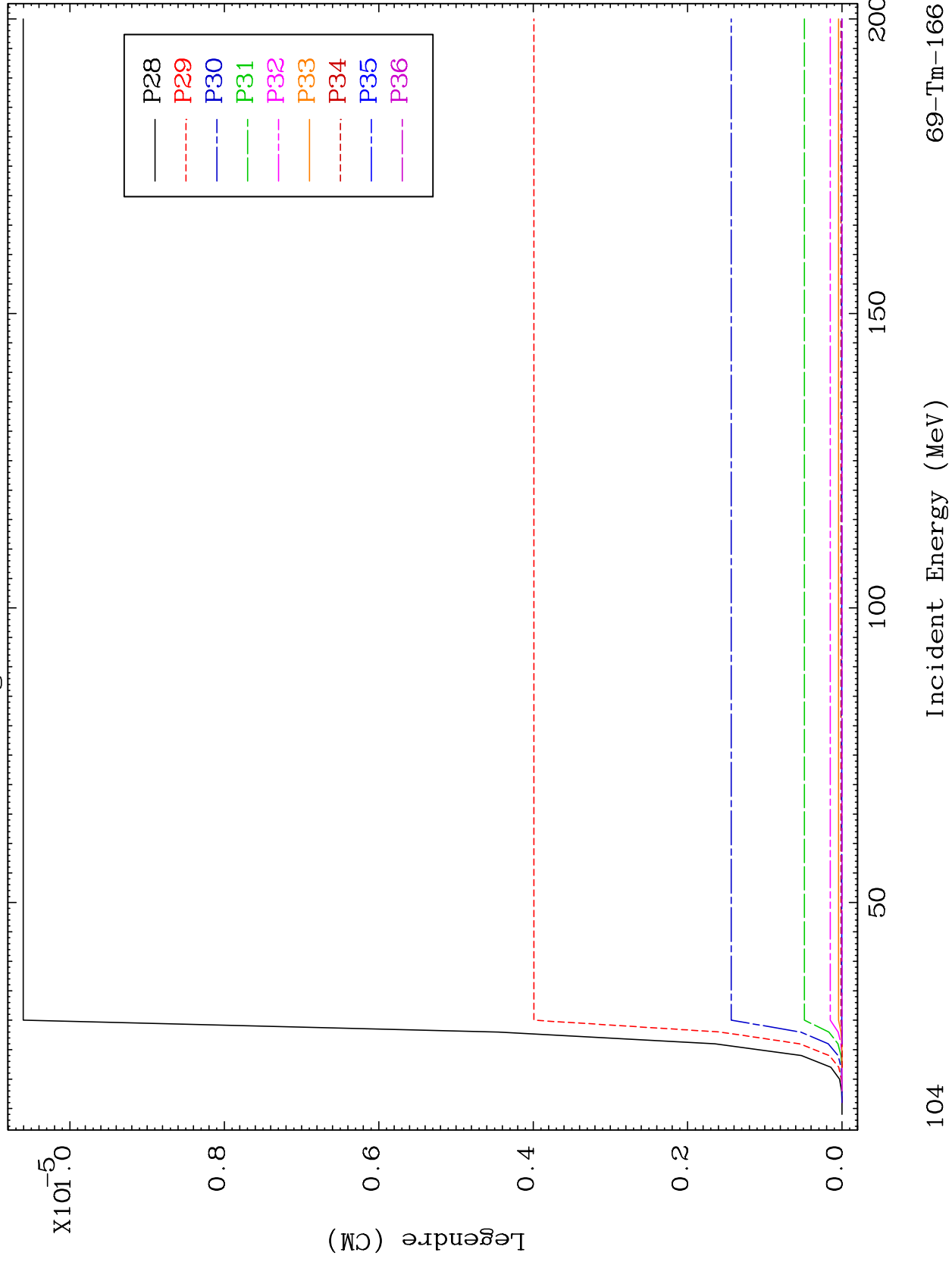
69-Tm-166



MAT 6916

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

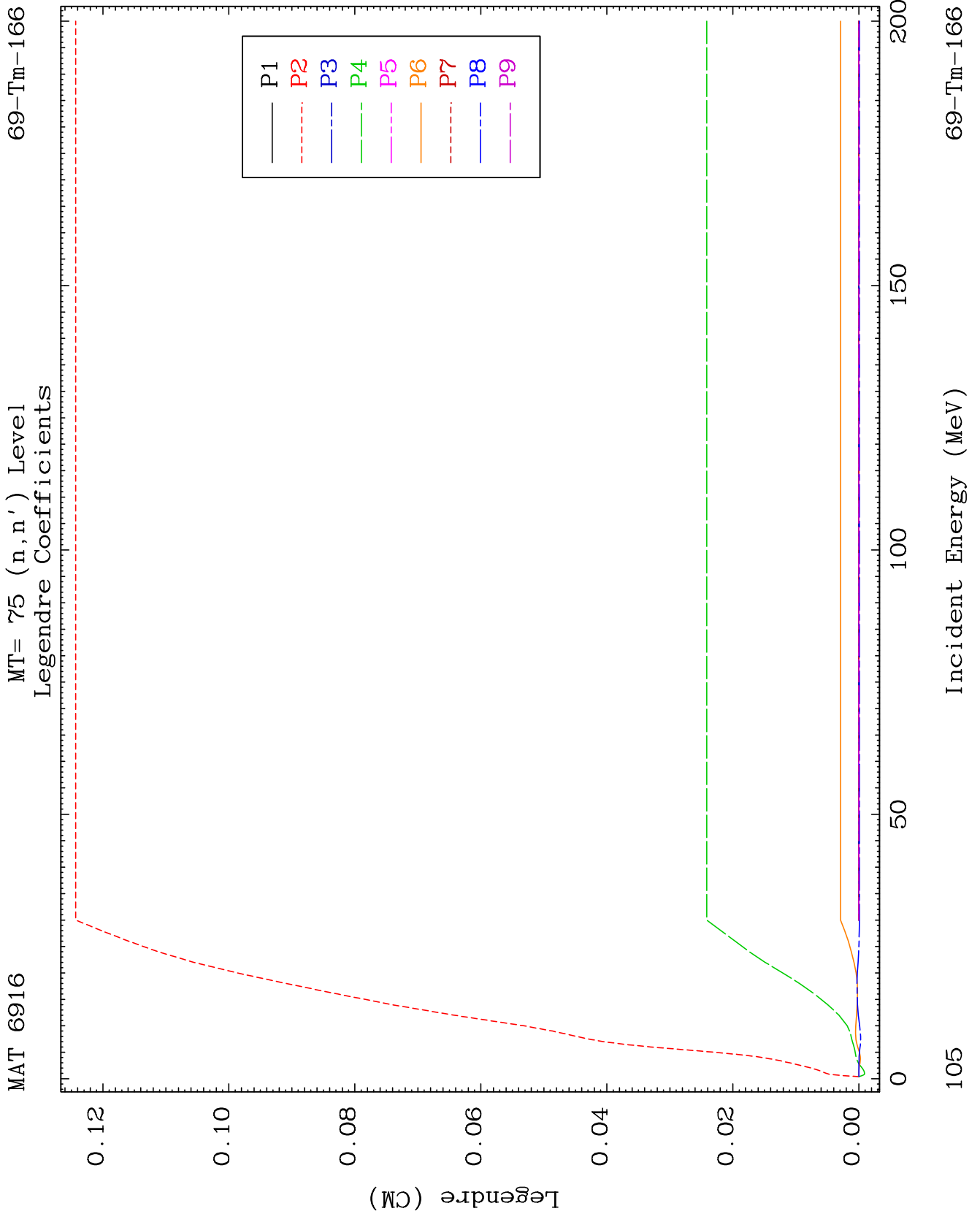
69-Tm-166



104

Incident Energy (MeV)

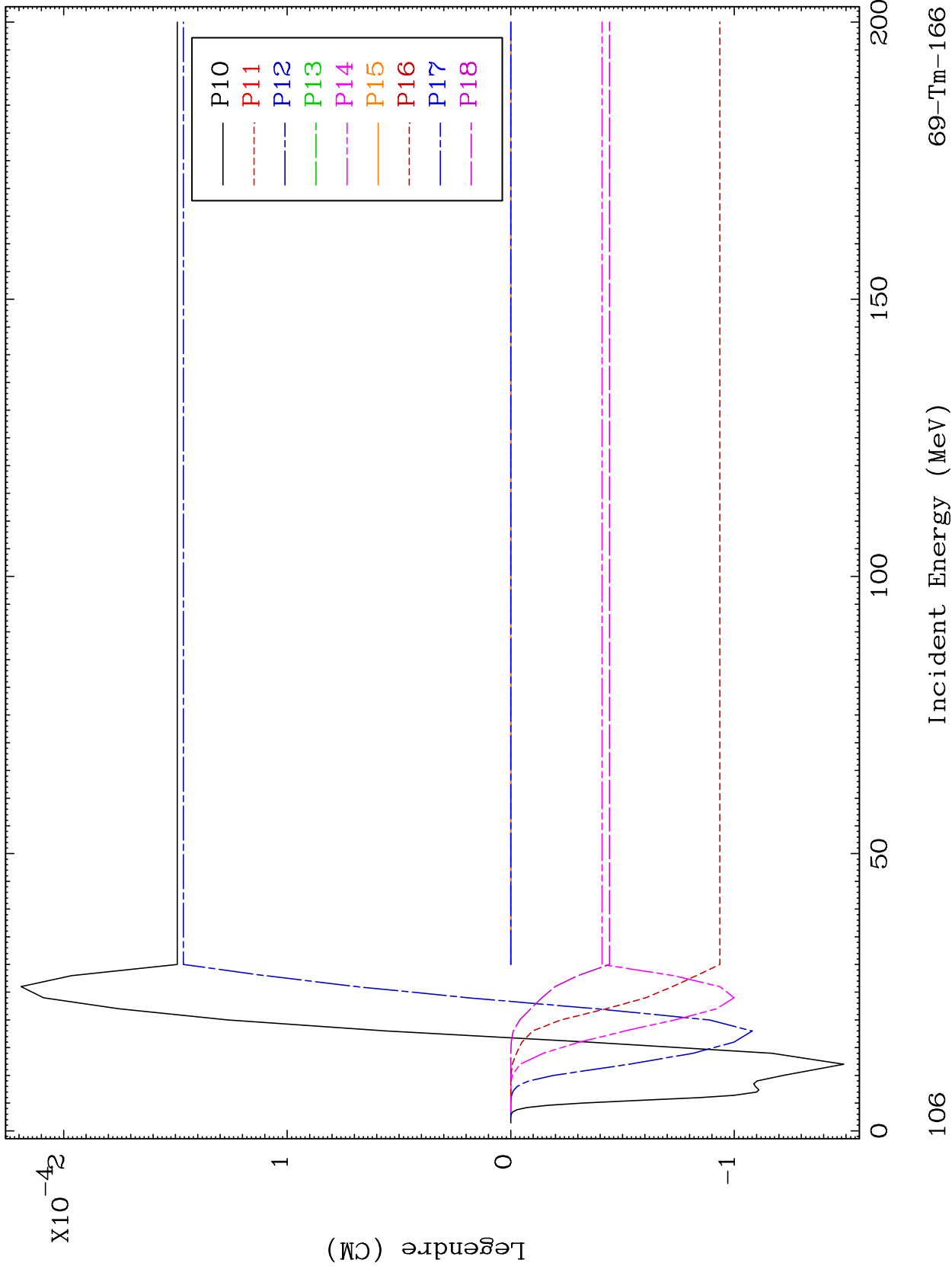
69-Tm-166



MAT 6916

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

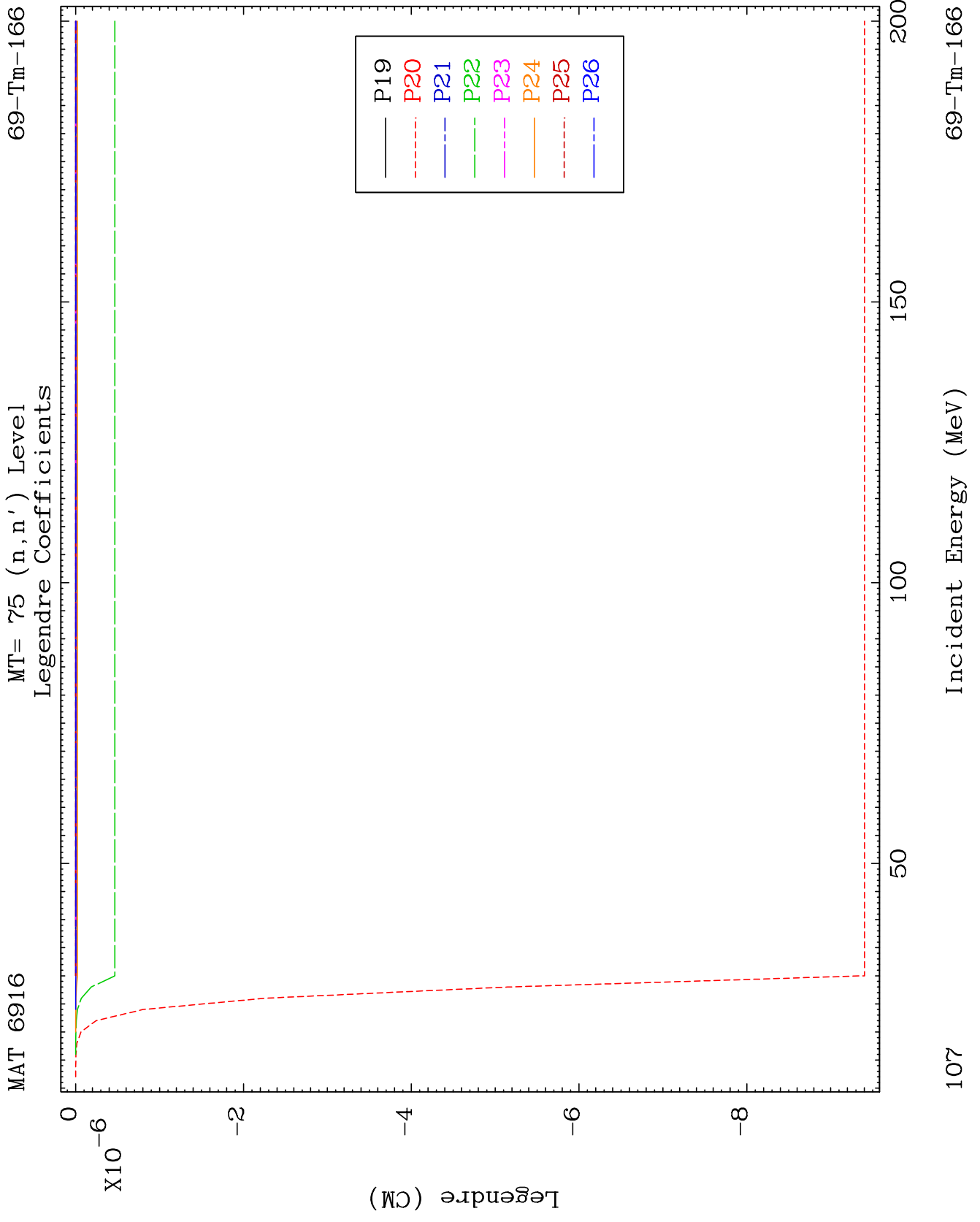
69-Tm-166



69-Tm-166

Incident Energy (MeV)

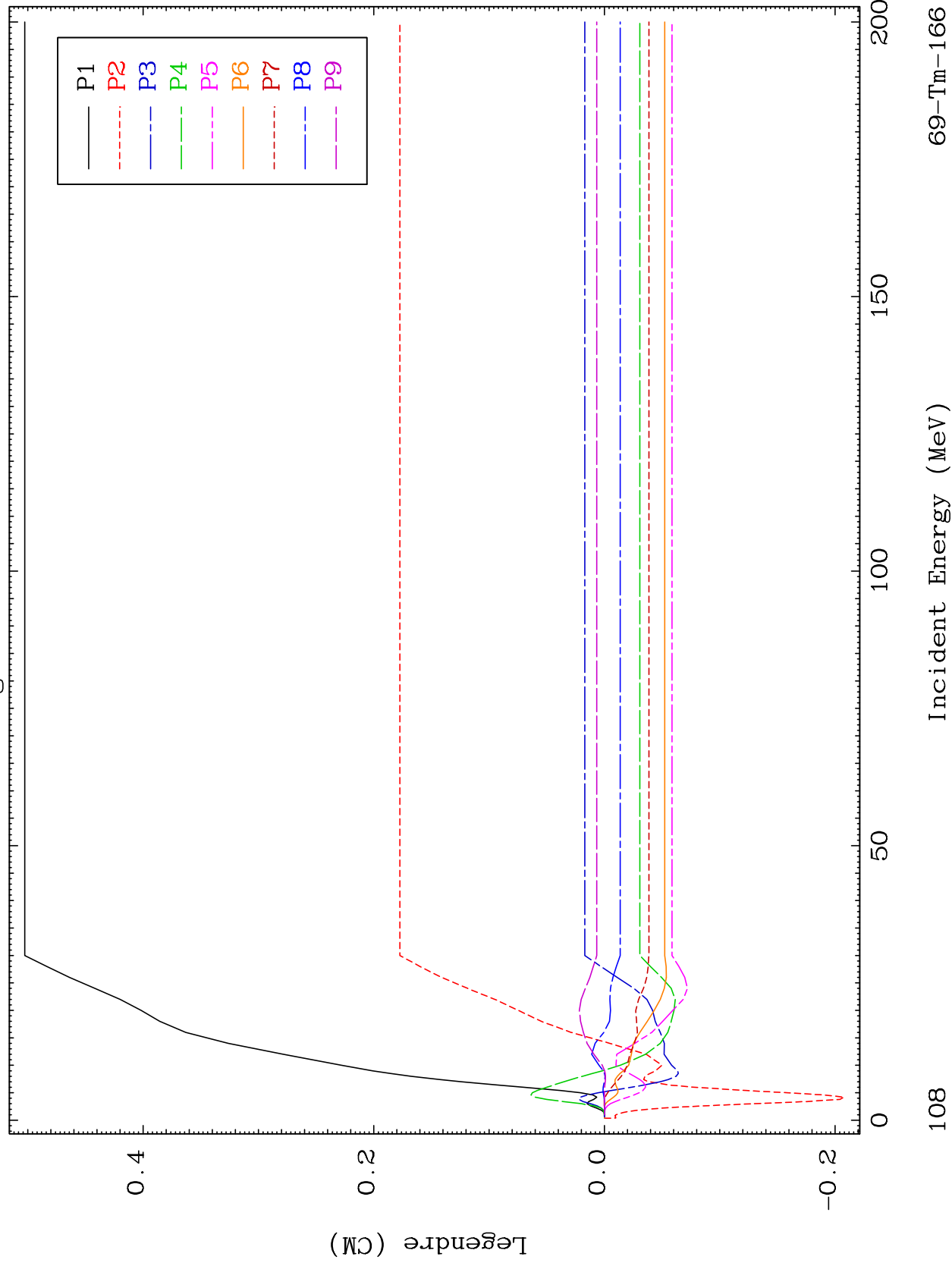
106



MAT 6916

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

69-Tm-166



69-Tm-166

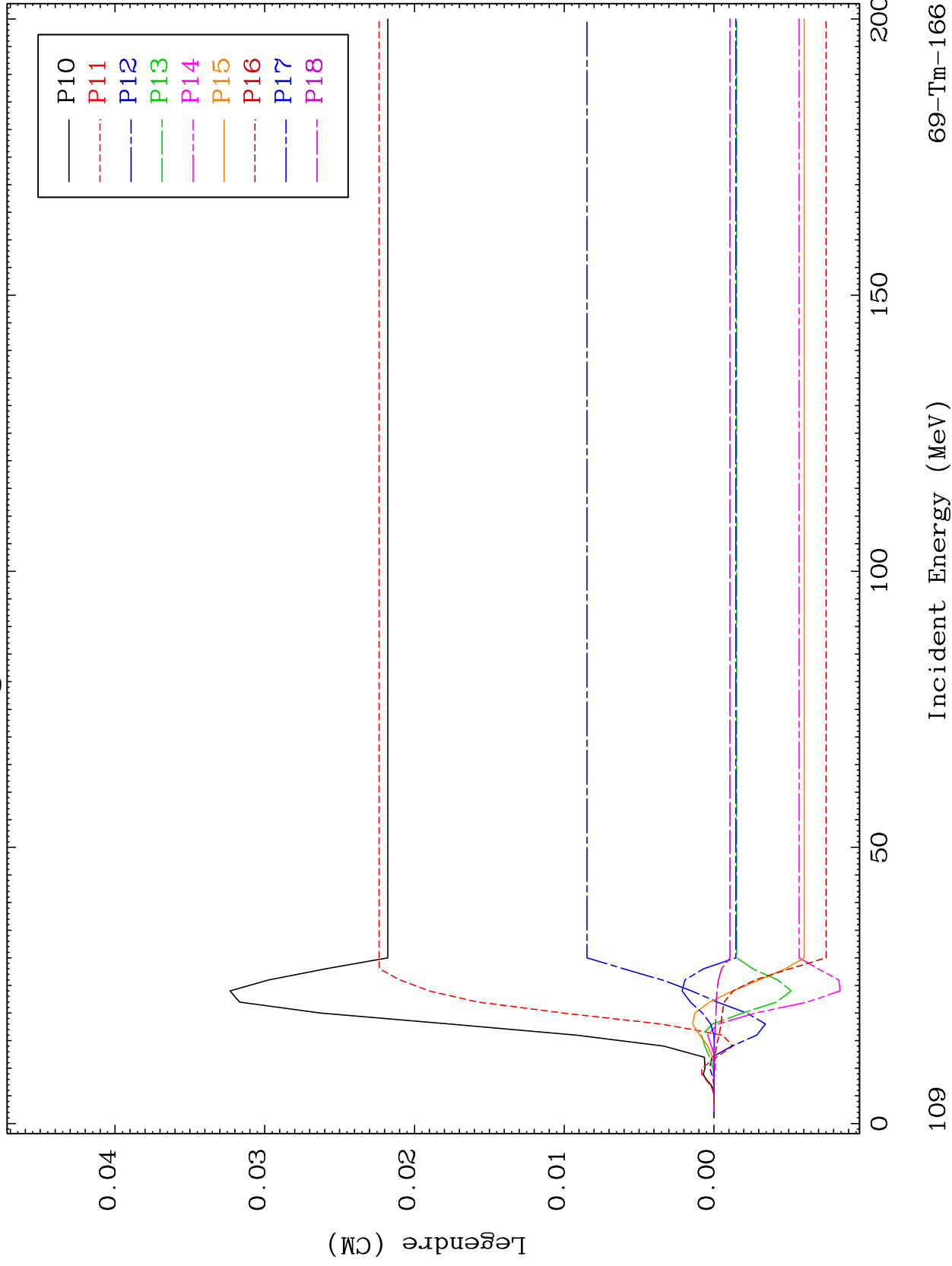
Incident Energy (MeV)

108

MAT 6916

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

69-Tm-166



109

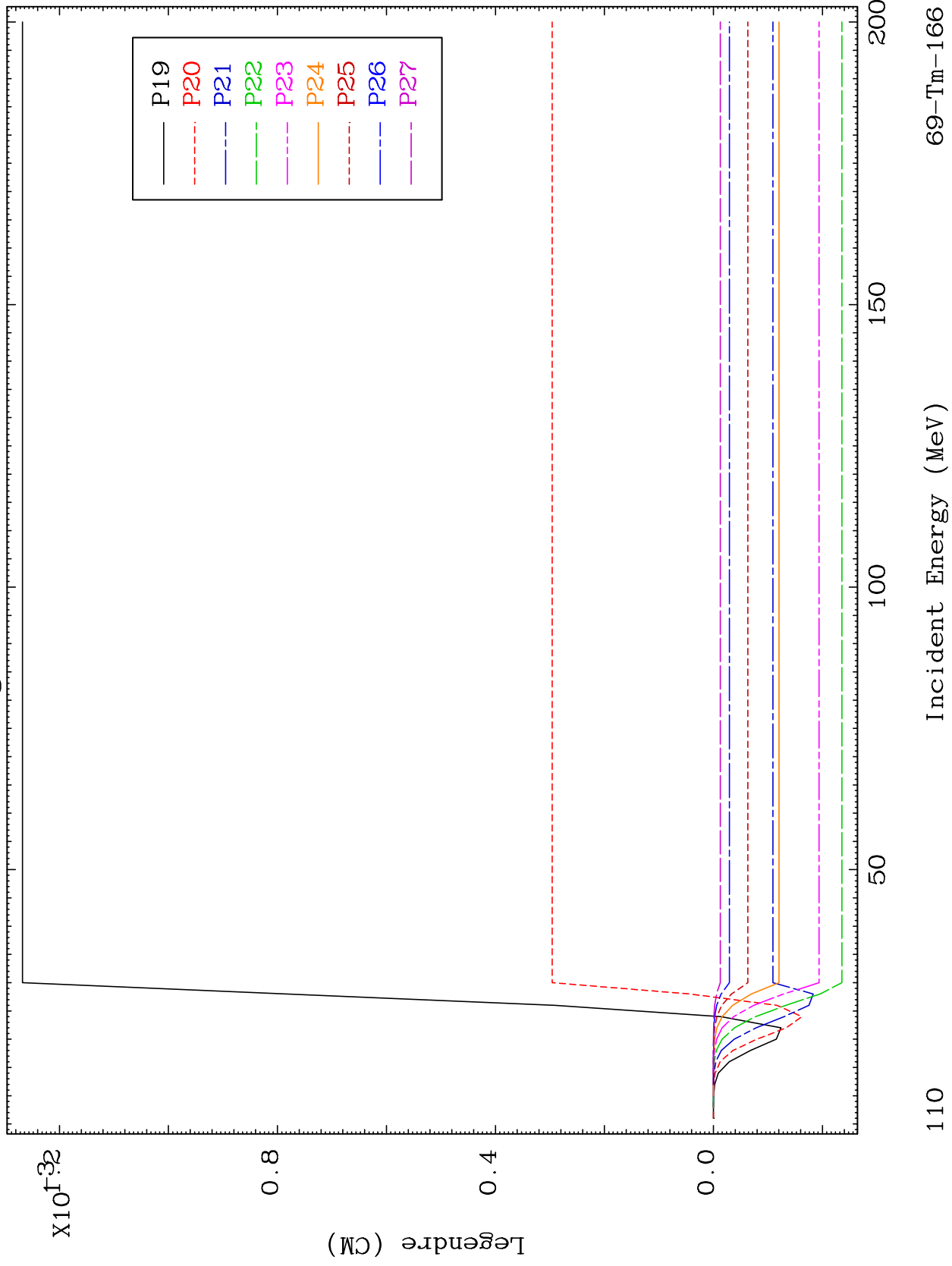
Incident Energy (MeV)

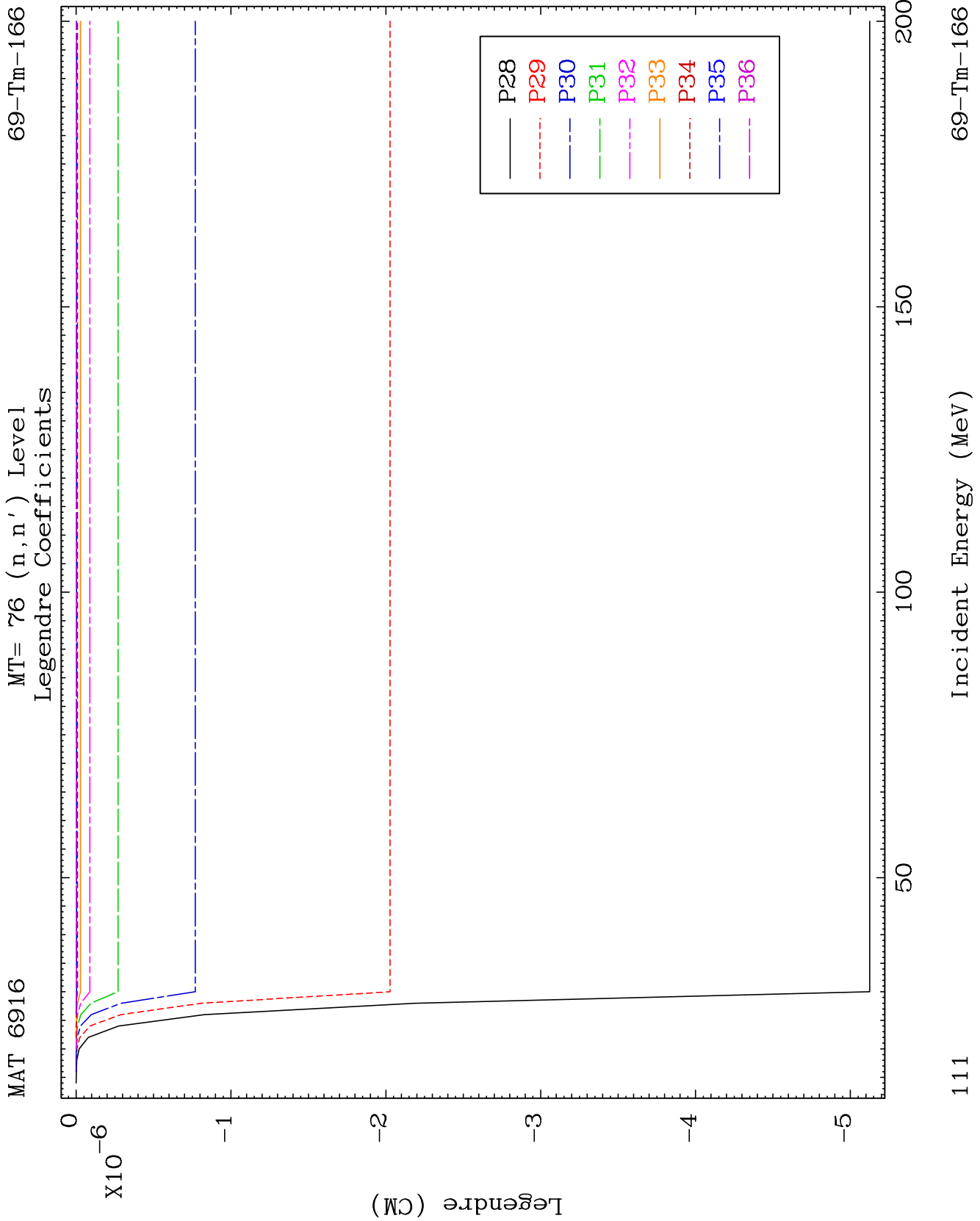
69-Tm-166

MAT 6916

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

69-Tm-166

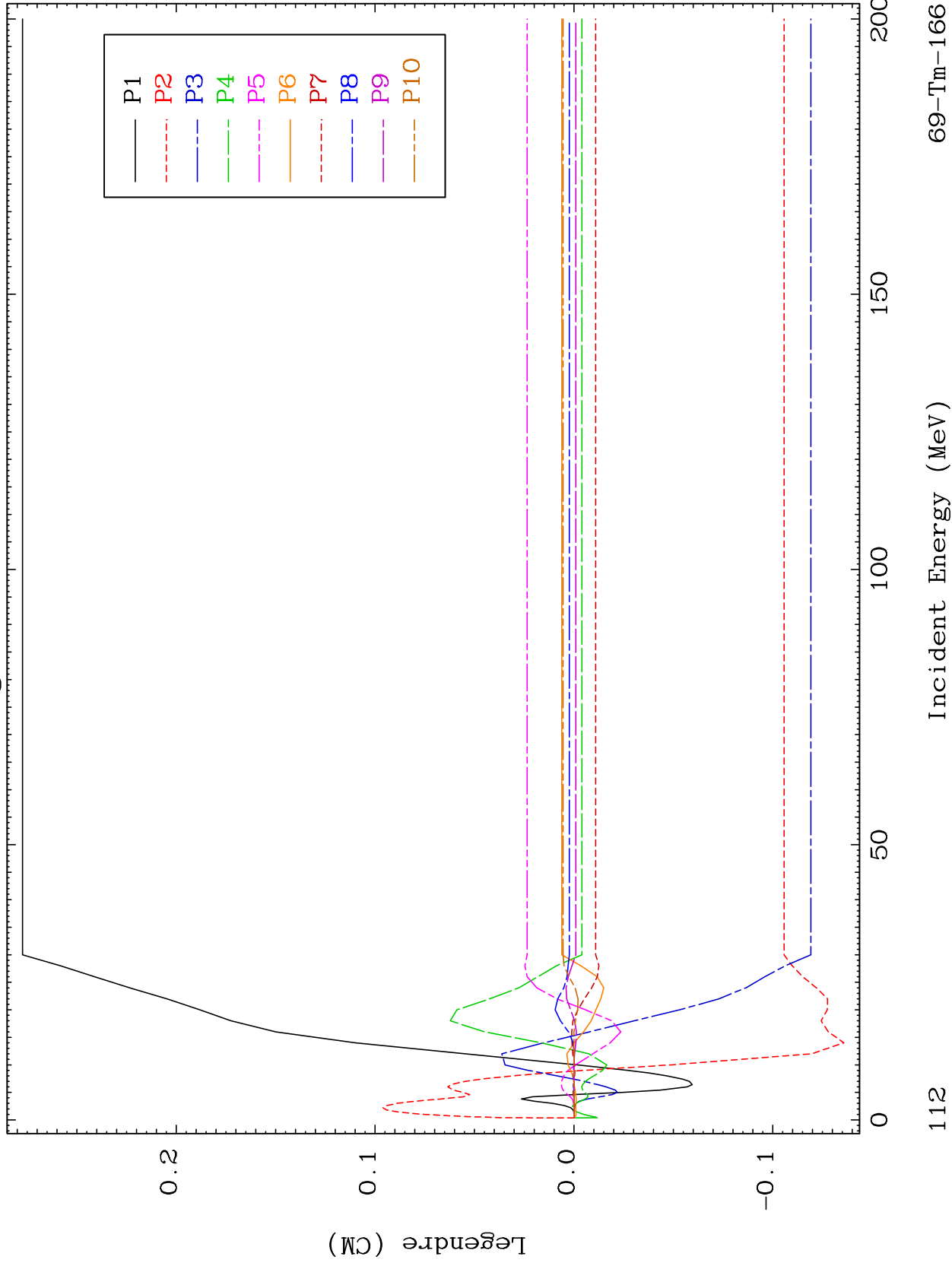




MAT 6916

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

69-Tm-166



69-Tm-166

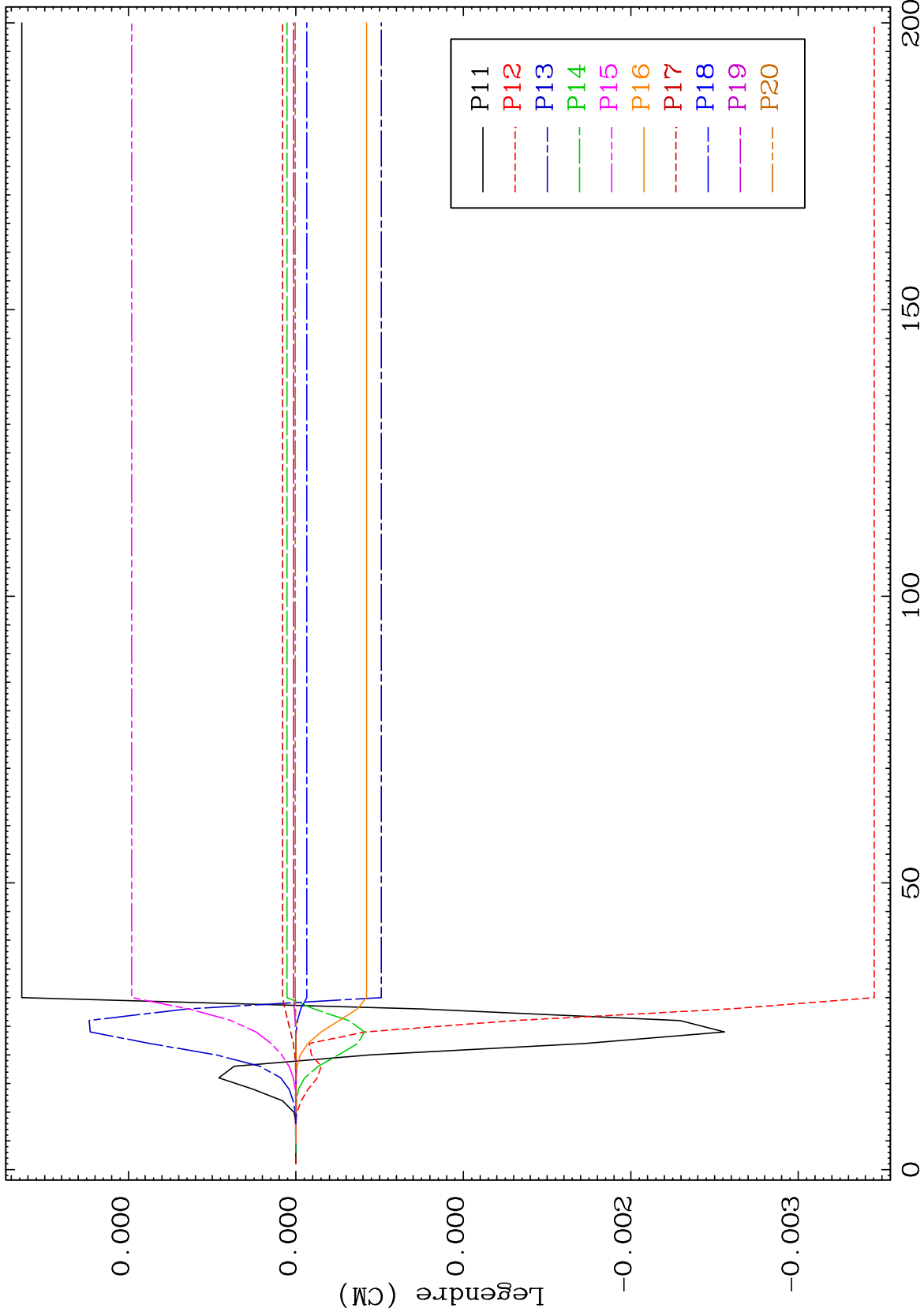
Incident Energy (MeV)

112

MAT 6916

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

69-Tm-166



113

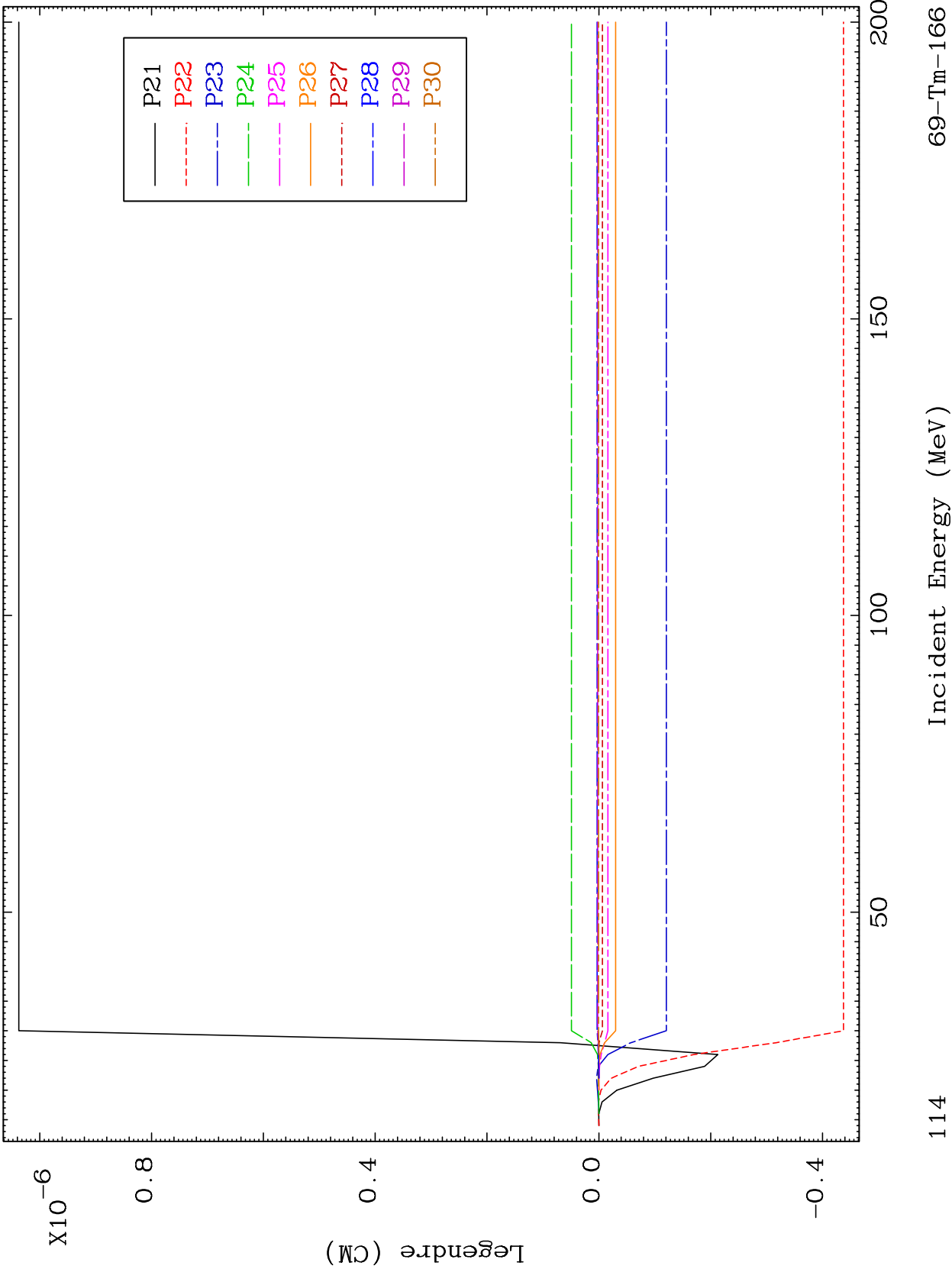
Incident Energy (MeV)

69-Tm-166

MAT 6916

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

69-Tm-166



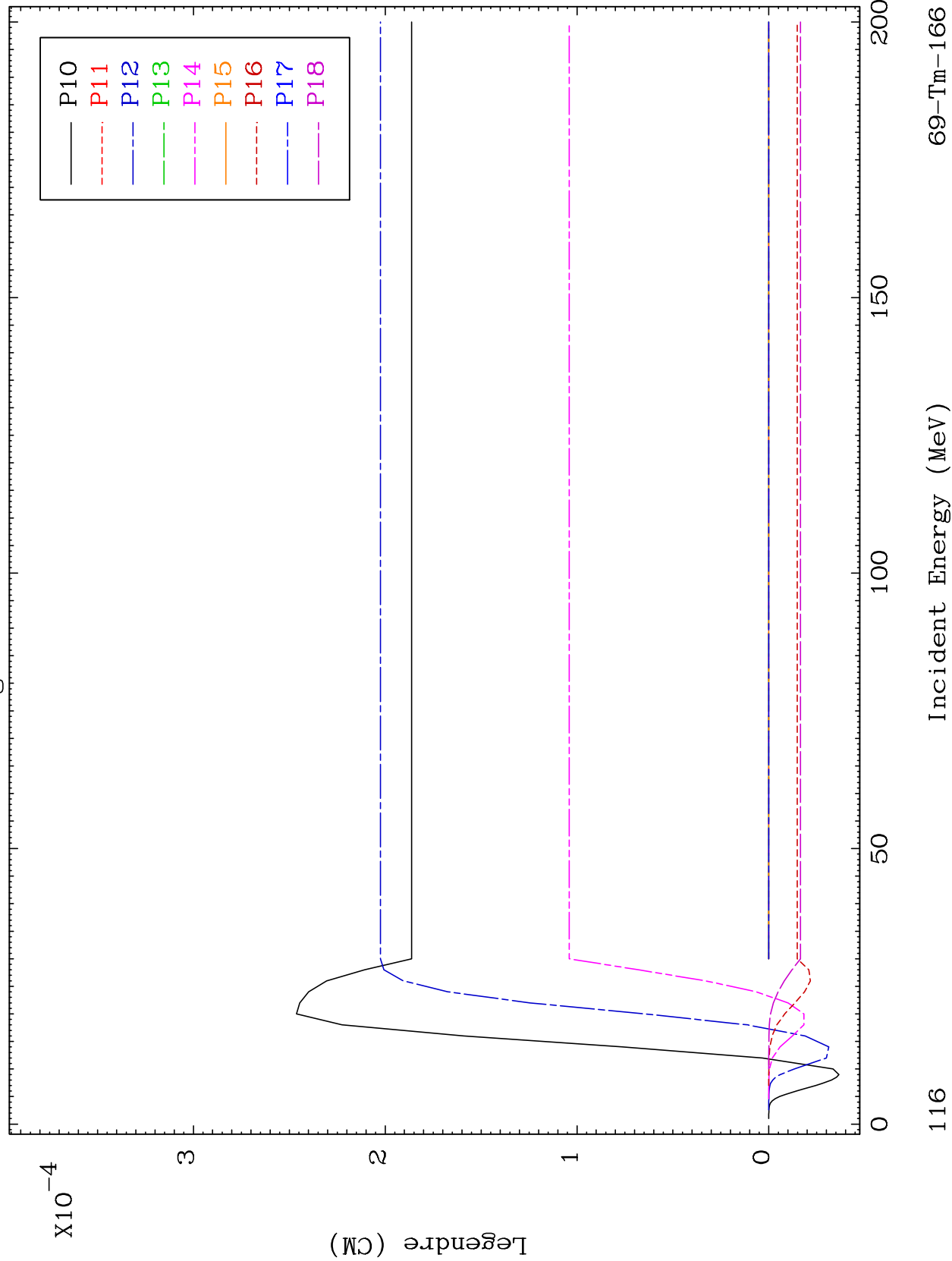
114

69-Tm-166

MAT 6916

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

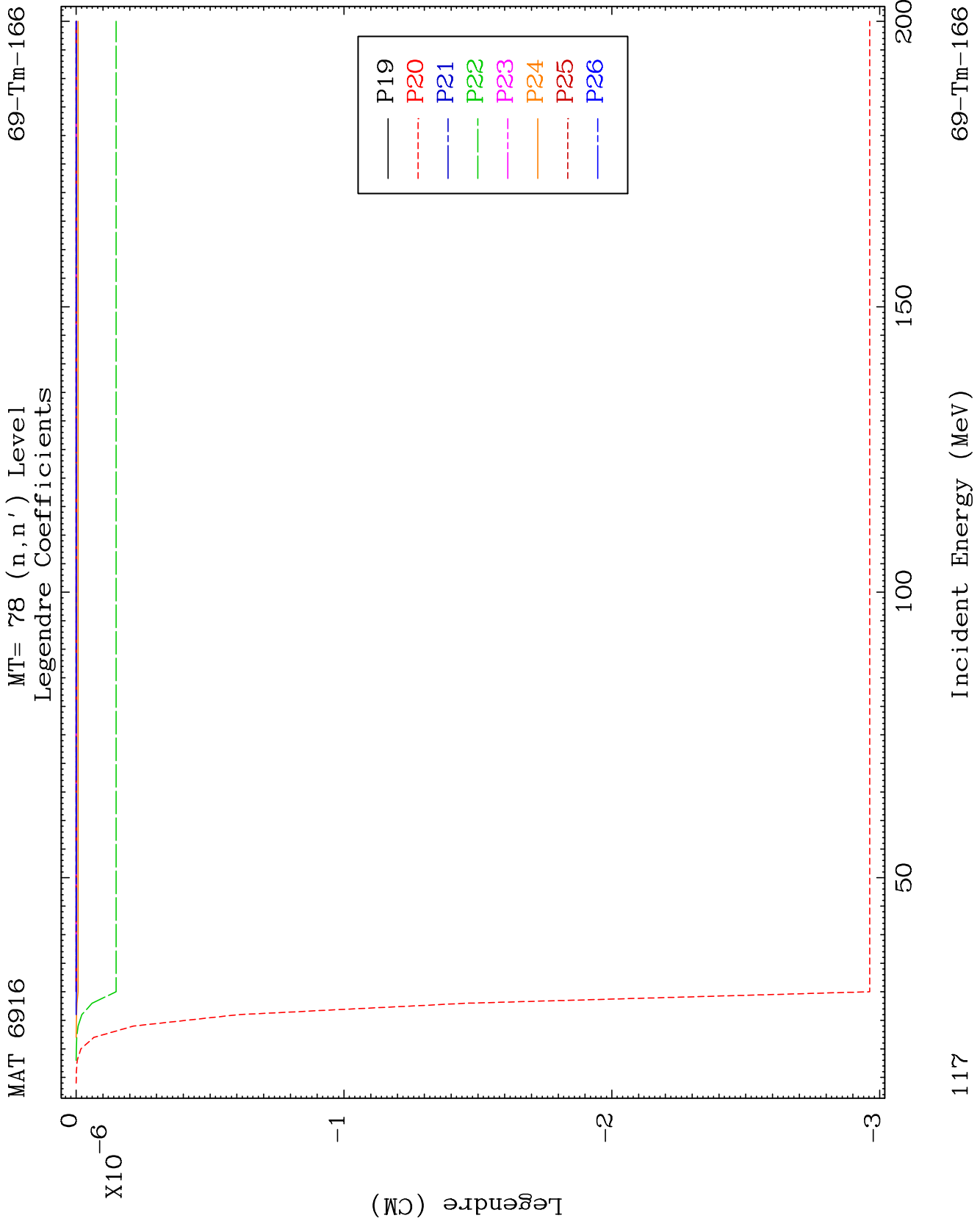
69-Tm-166



69-Tm-166

Incident Energy (MeV)

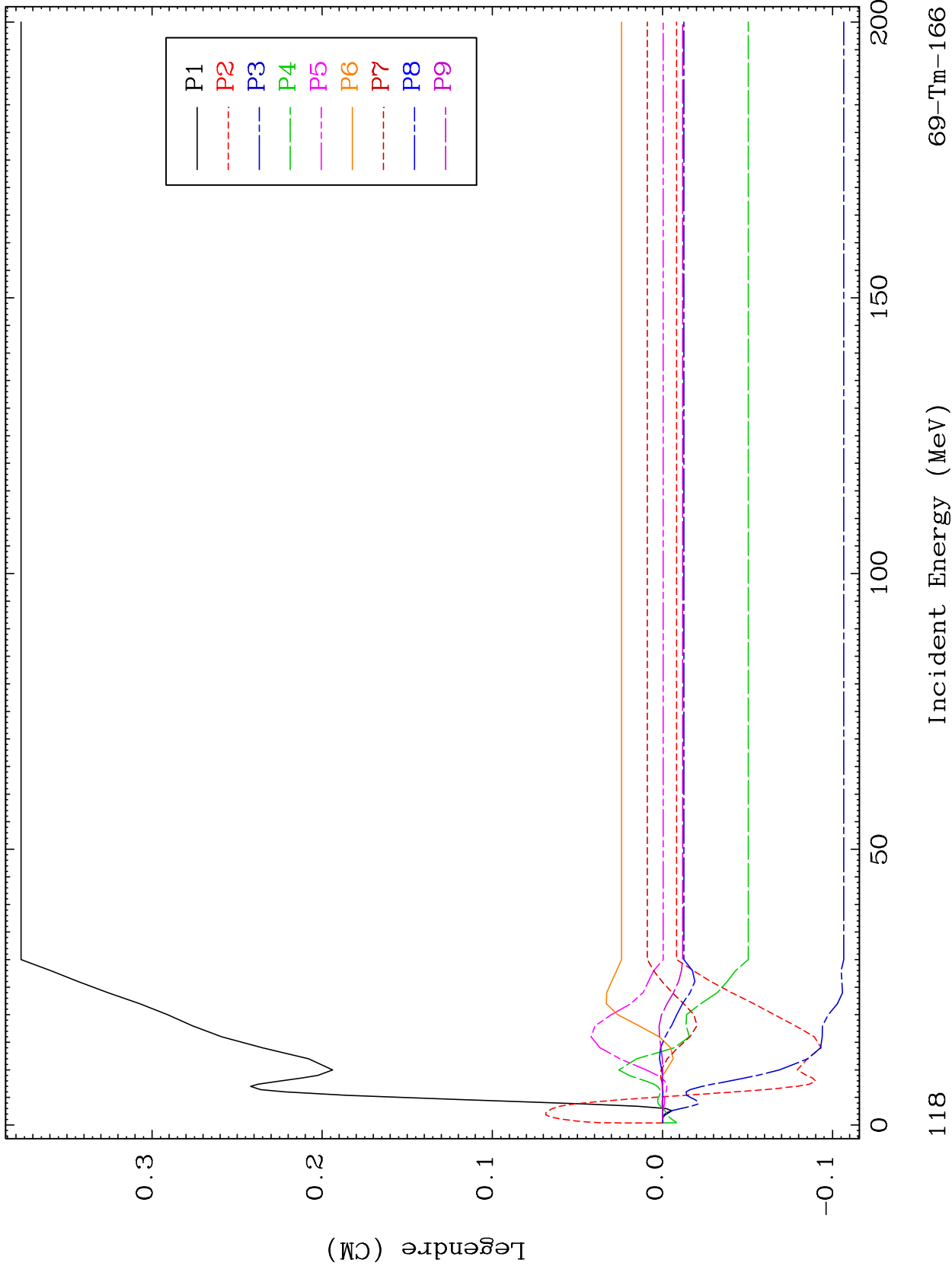
116



MAT 6916

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

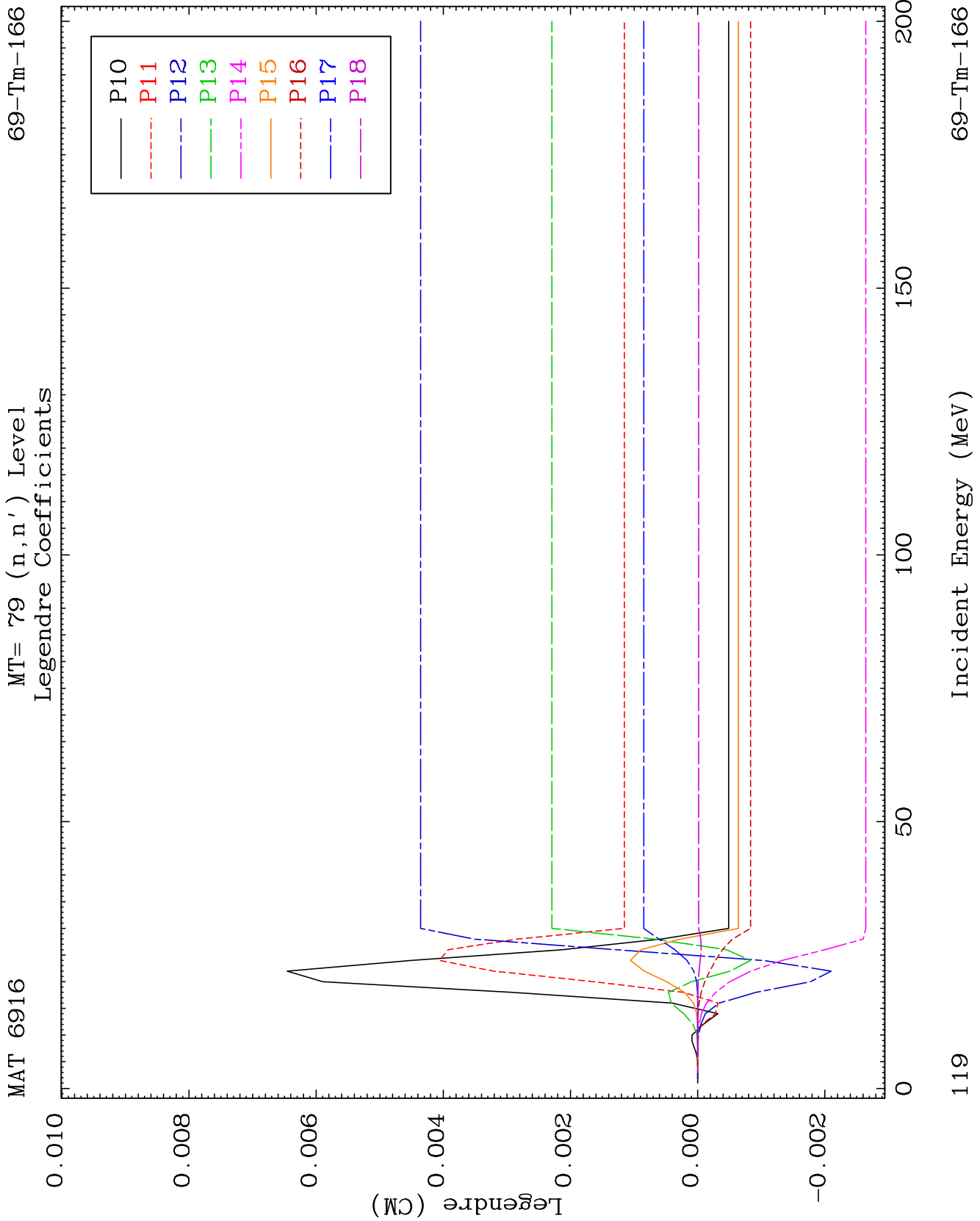
69-Tm-166



69-Tm-166

Incident Energy (MeV)

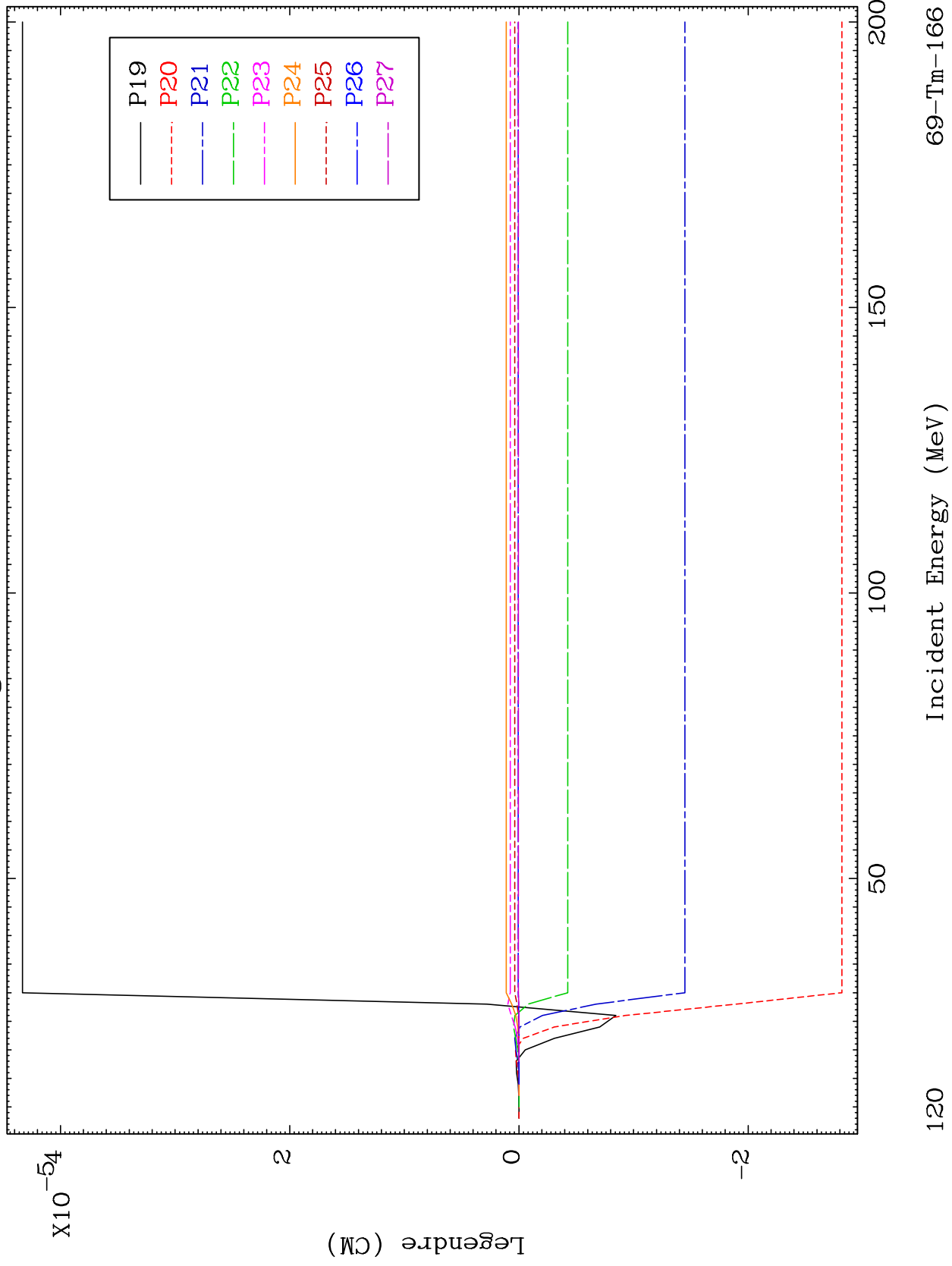
118



MAT 6916

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

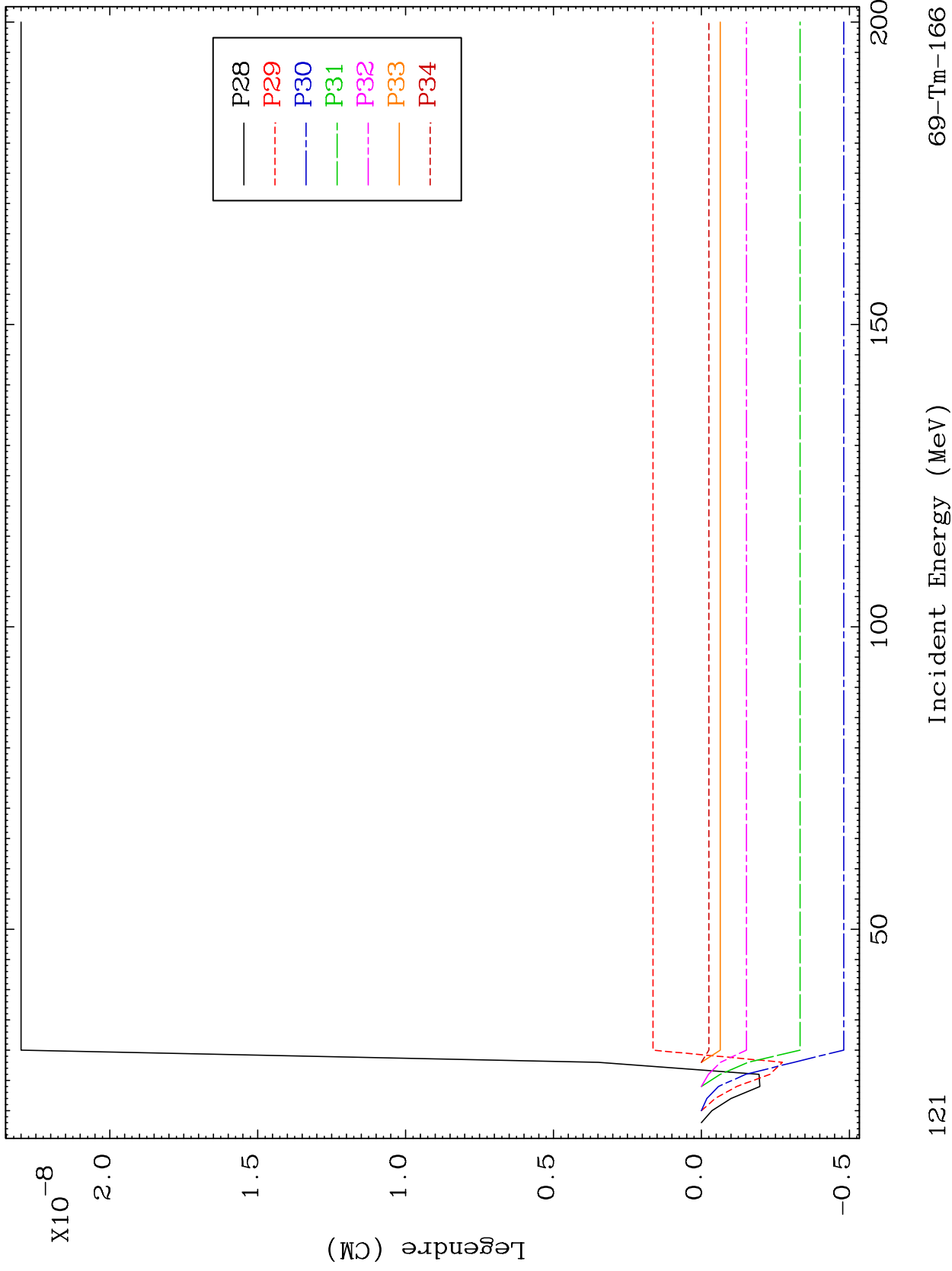
69-Tm-166



MAT 6916

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

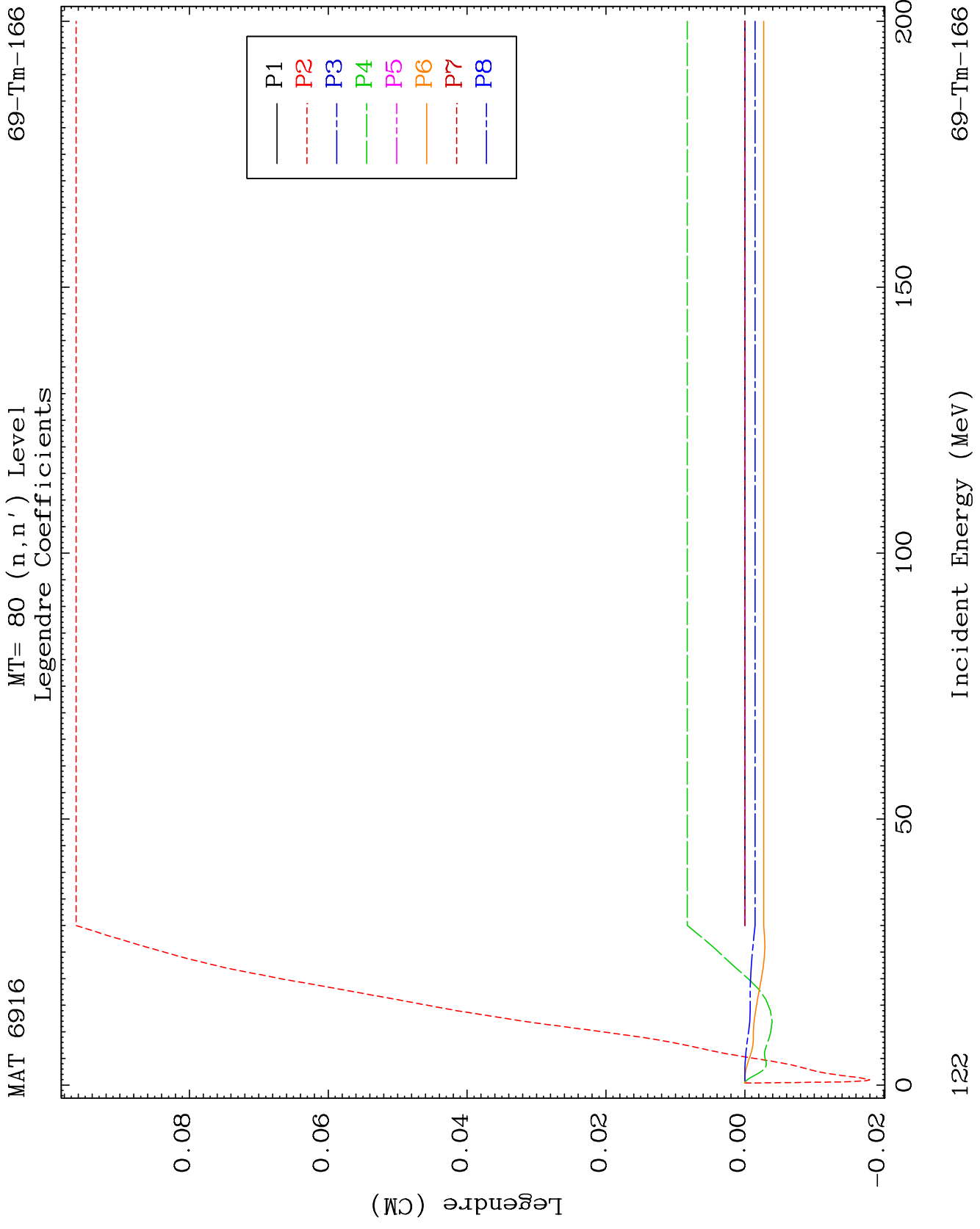
69-Tm-166



121

Incident Energy (MeV)

69-Tm-166

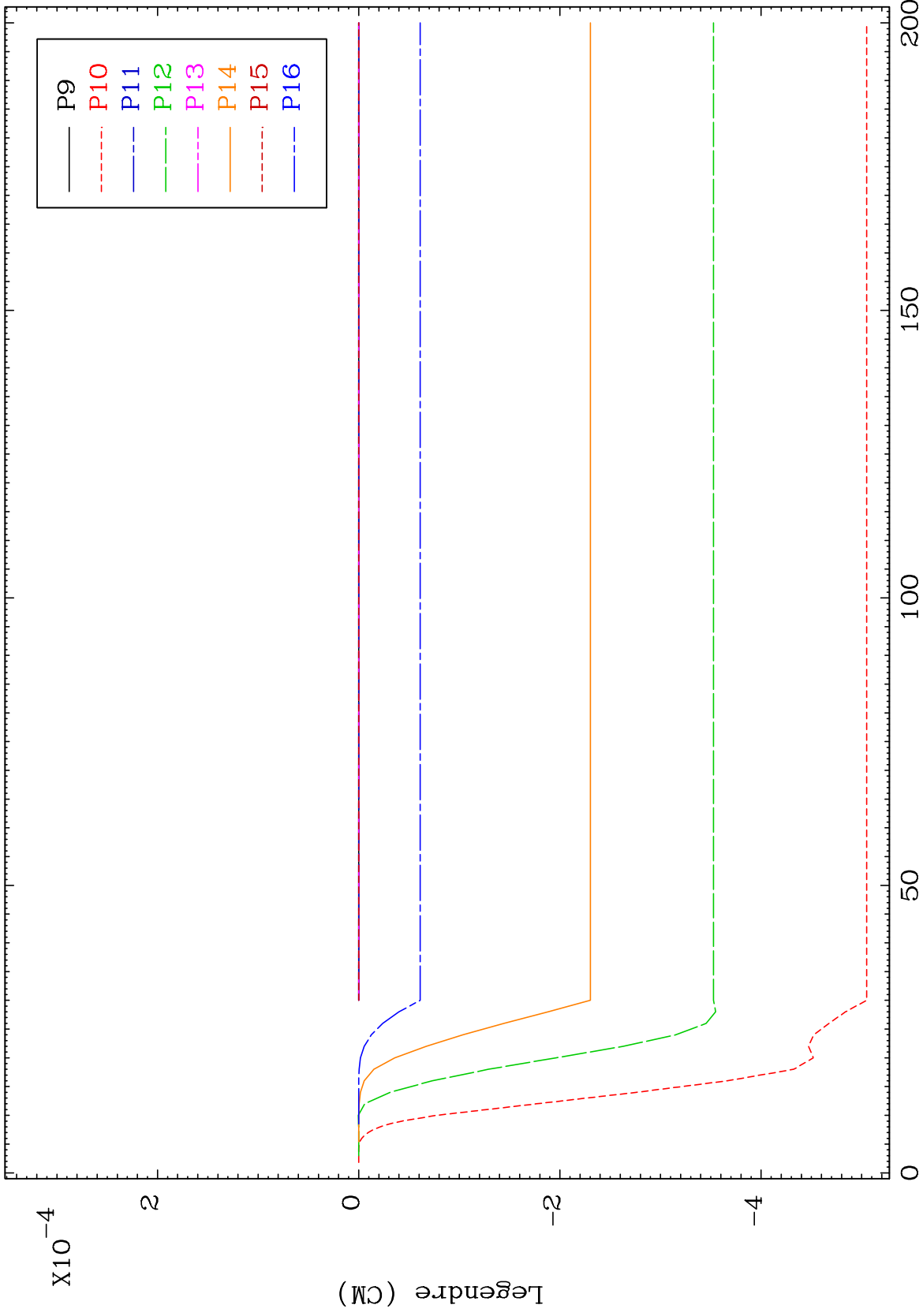


MAT 6916

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

69-Tm-166

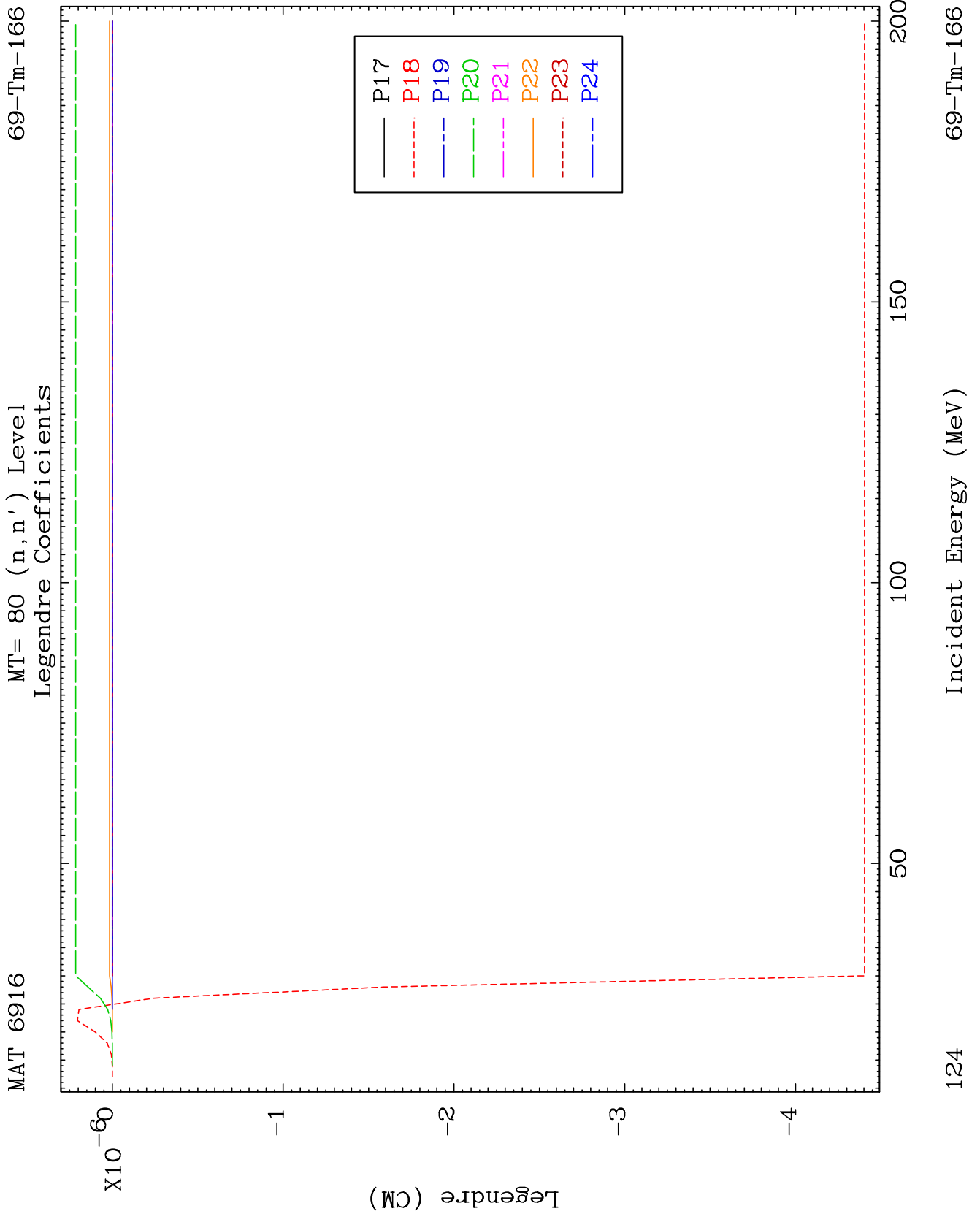
$\times 10^{-4}$



123

Incident Energy (MeV)

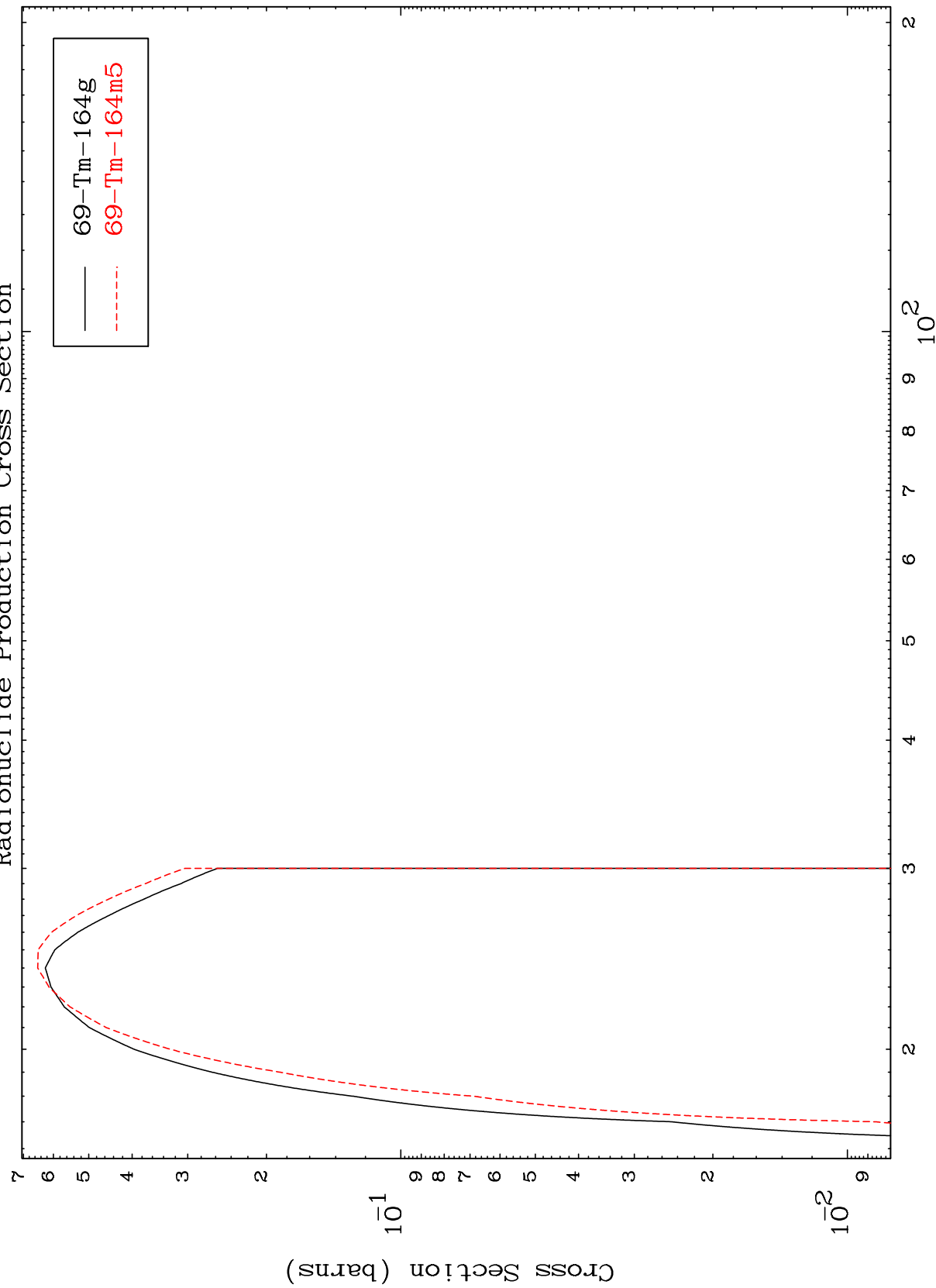
69-Tm-166



MAT 6916

69-Tm-166

(n,3n)
Radionuclide Production Cross Section



125

Incident Energy (MeV)

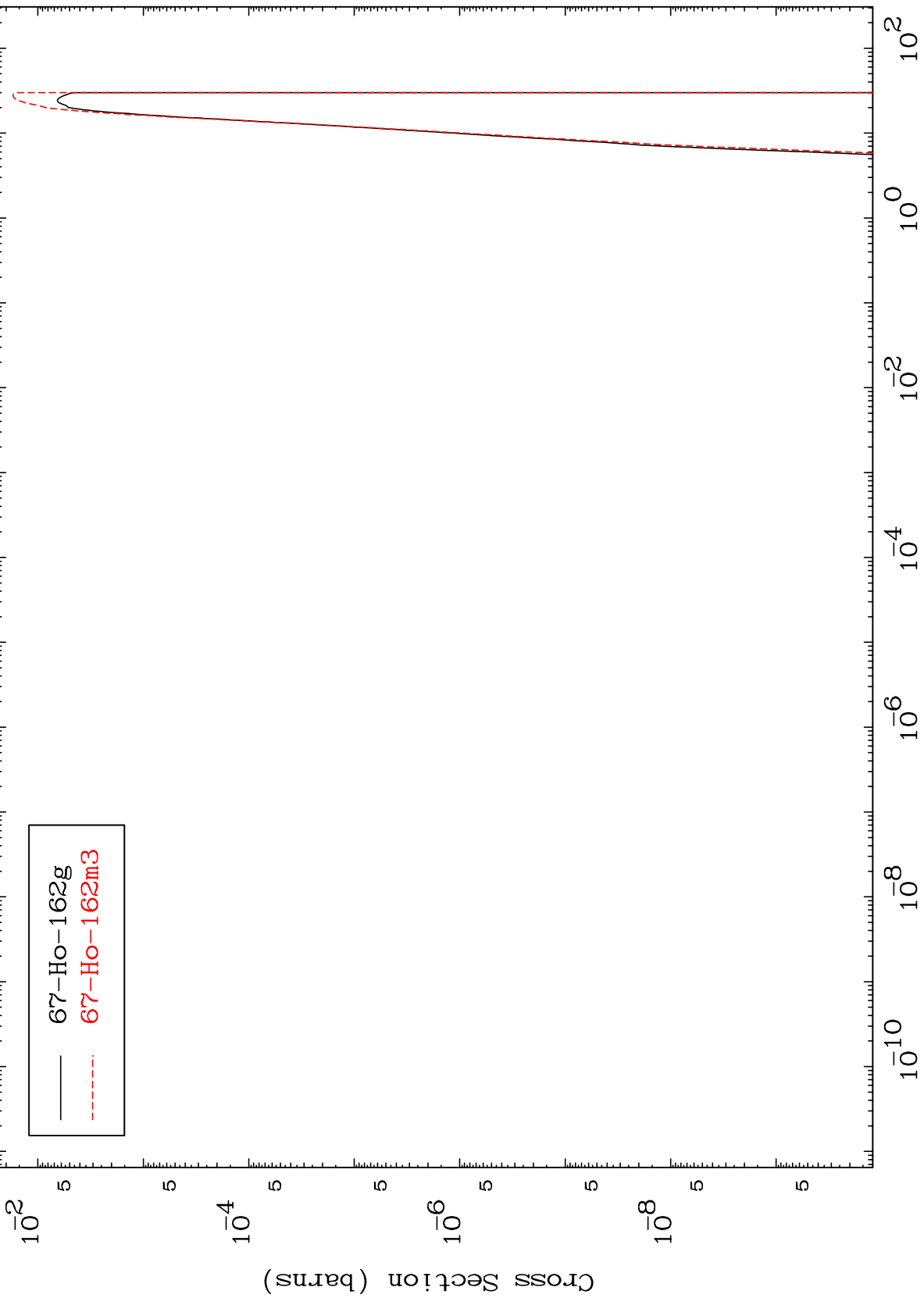
69-Tm-166

MAT 6916

$(n, n') \alpha$

69-Tm-166

Radionuclide Production Cross Section



126

Incident Energy (MeV)

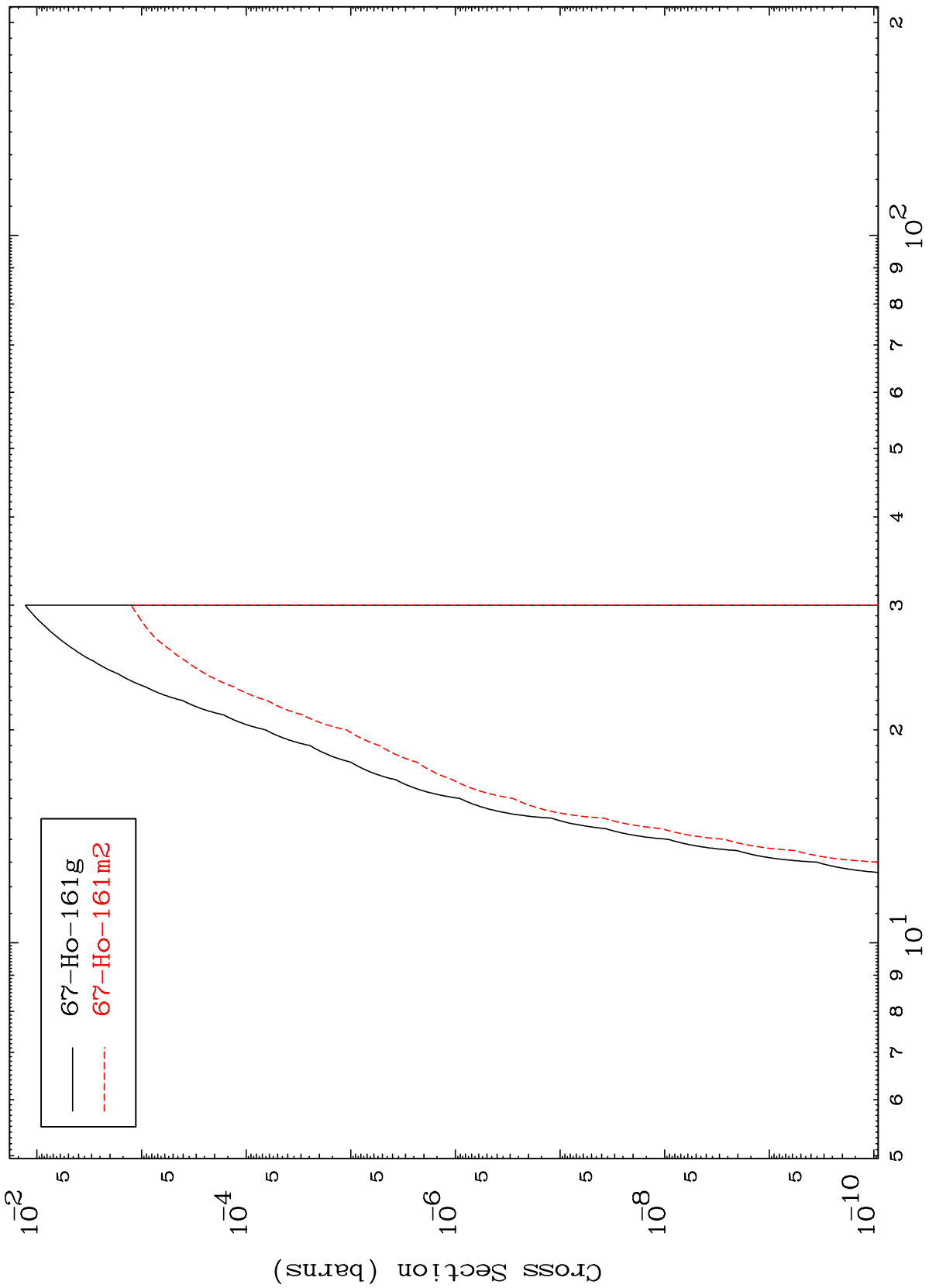
69-Tm-166

MAT 6916

$(n,2n) \alpha$

69-Tm-166

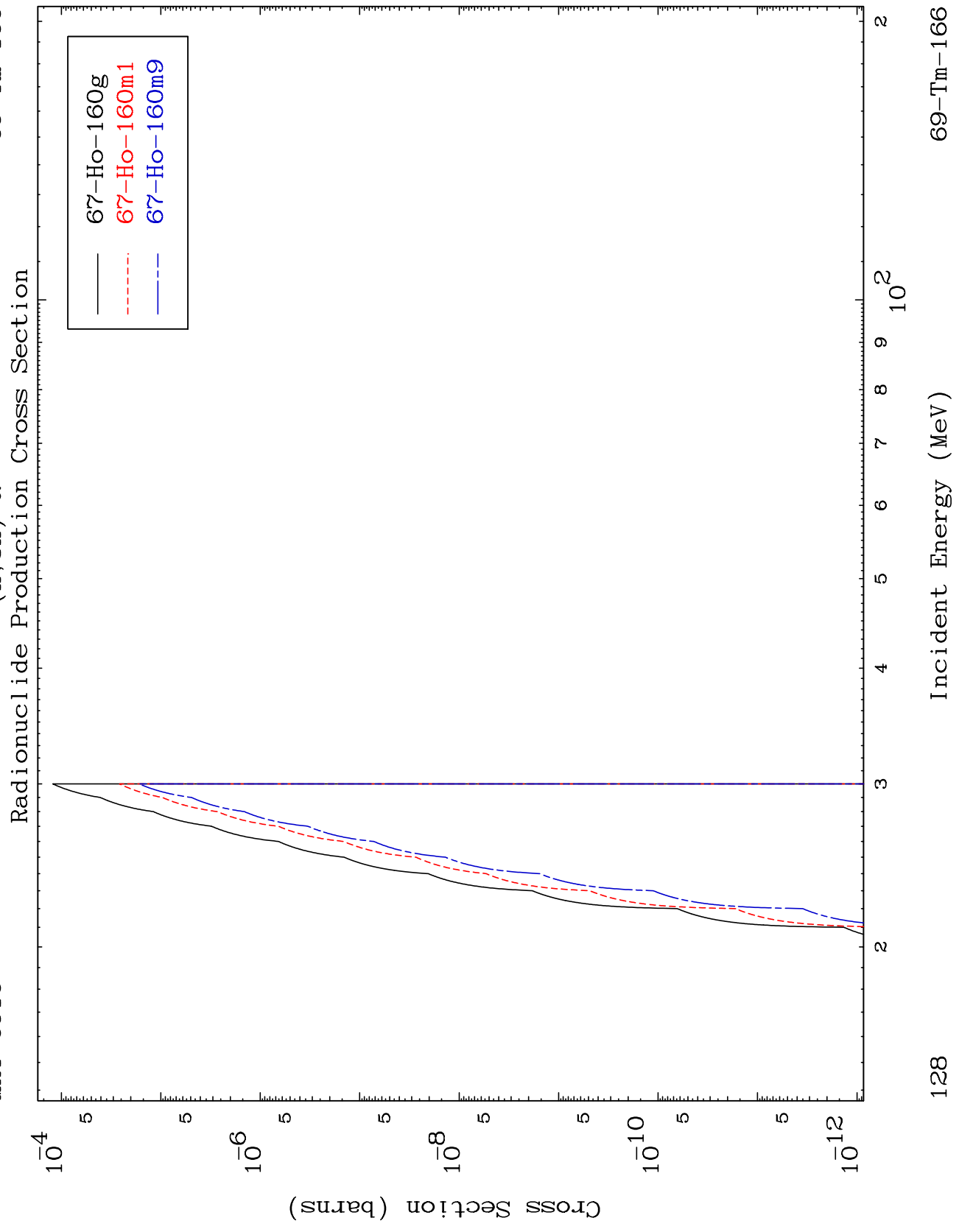
Radionuclide Production Cross Section



127

Incident Energy (MeV)

69-Tm-166

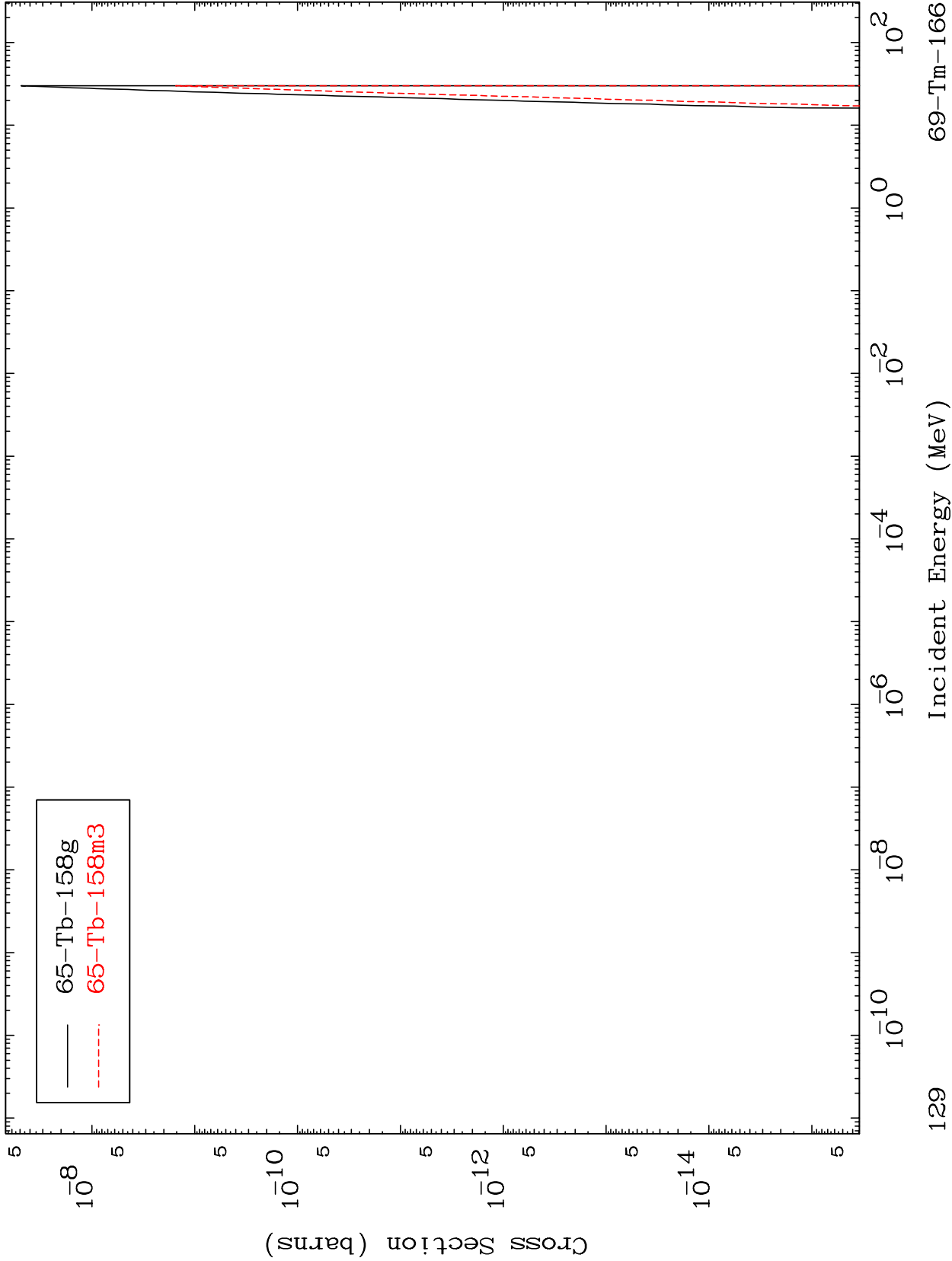


MAT 6916

(n,n') 2α

69-Tm-166

Radionuclide Production Cross Section

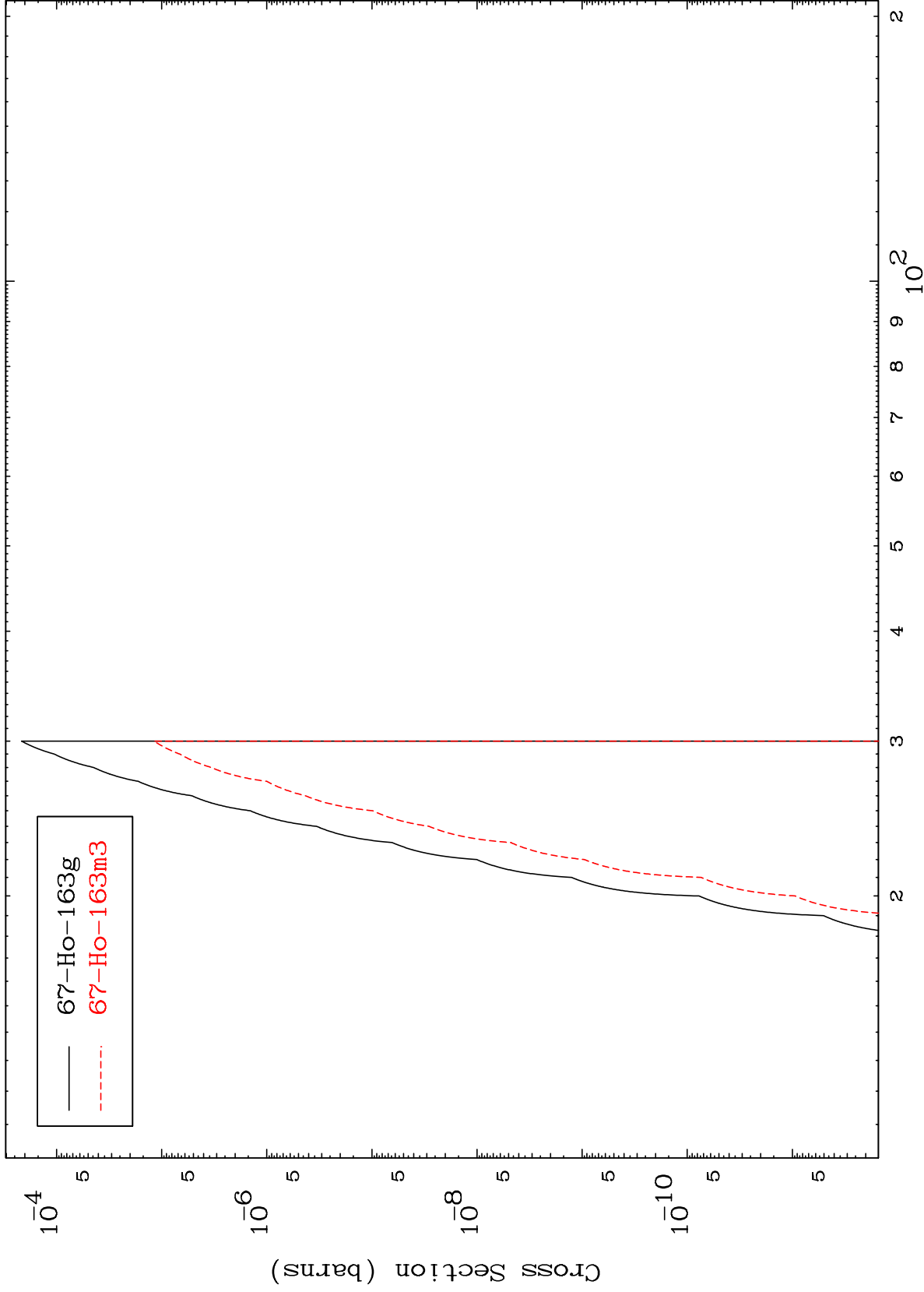


MAT 6916

(n,n') He-3

69-Tm-166

Radionuclide Production Cross Section



130

Incident Energy (MeV)

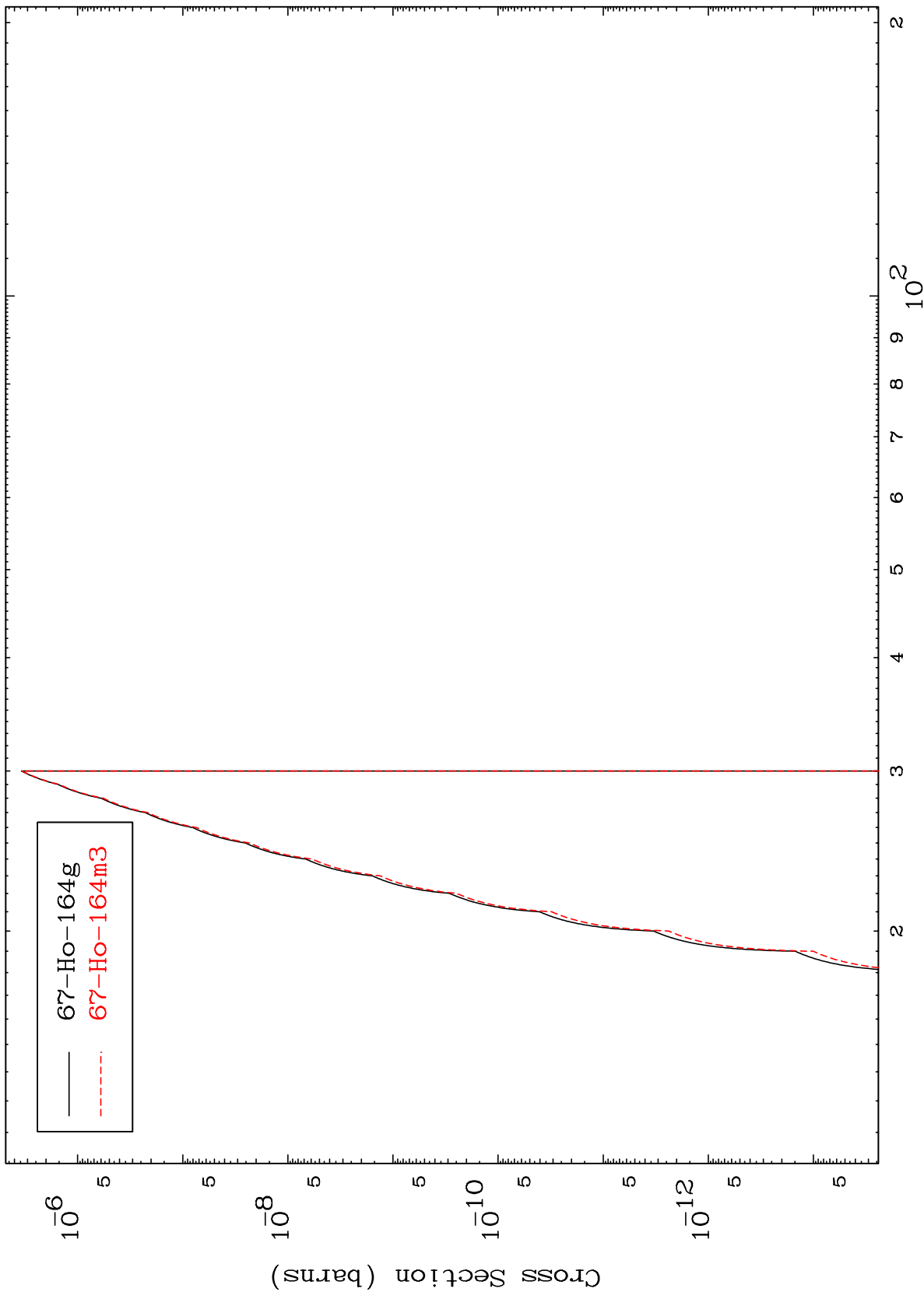
69-Tm-166

MAT 6916

(n,2n) p

69-Tm-166

Radionuclide Production Cross Section



131

Incident Energy (MeV)

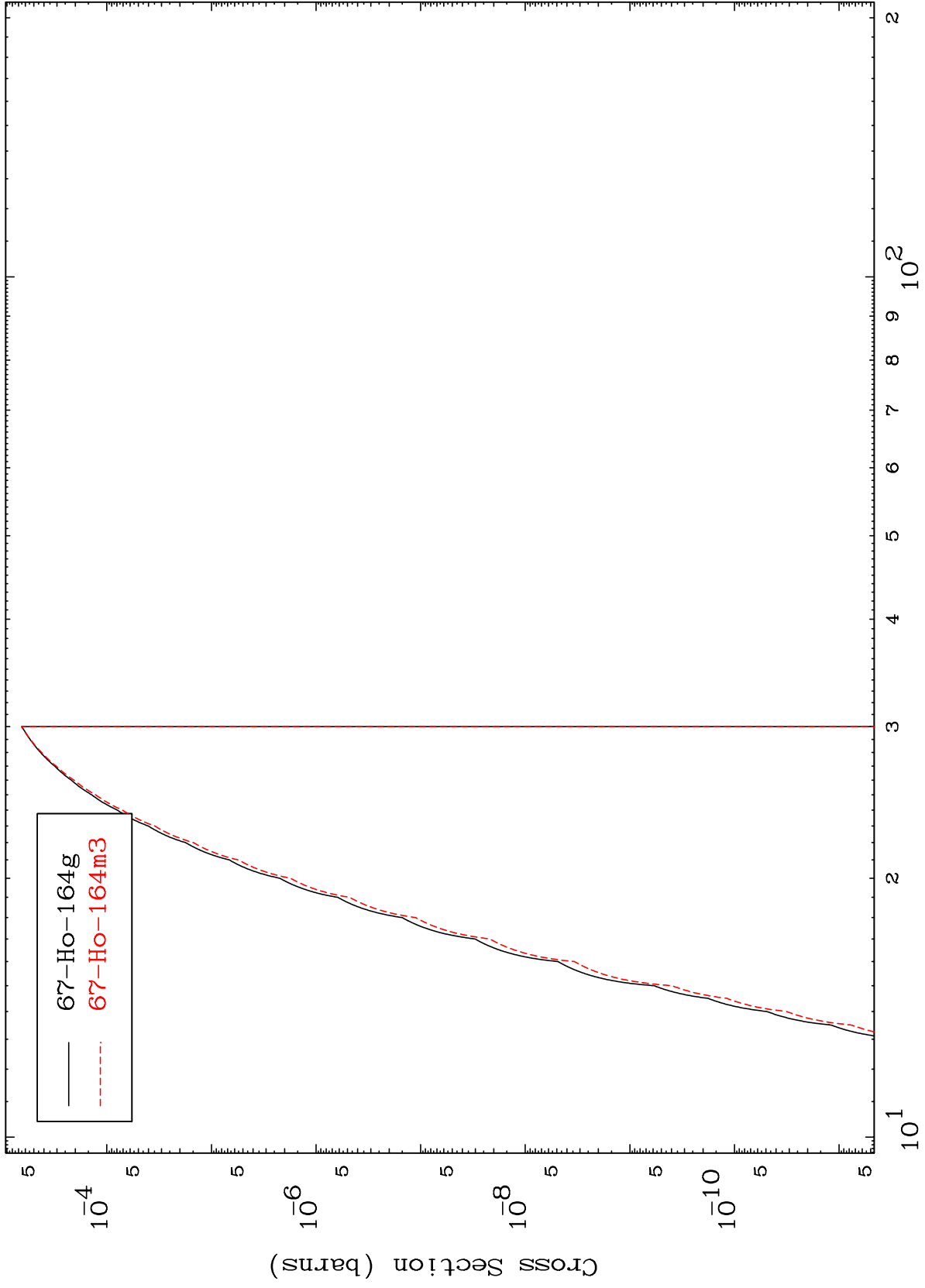
69-Tm-166

MAT 6916

(n,He-3)

69-Tm-166

Radionuclide Production Cross Section



Incident Energy (MeV)

69-Tm-166

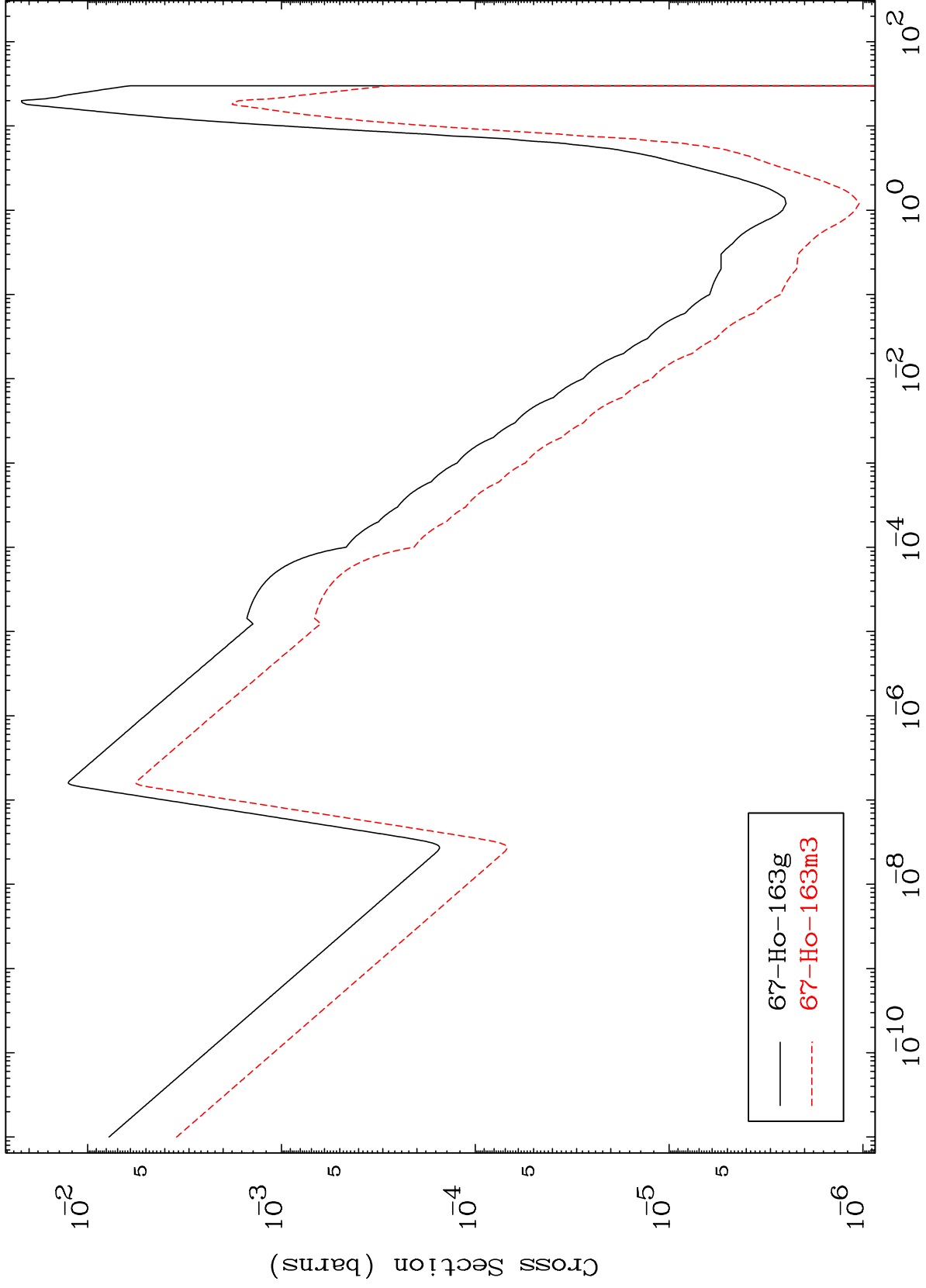
132

MAT 6916

(n, α)

69-Tm-166

Radionuclide Production Cross Section

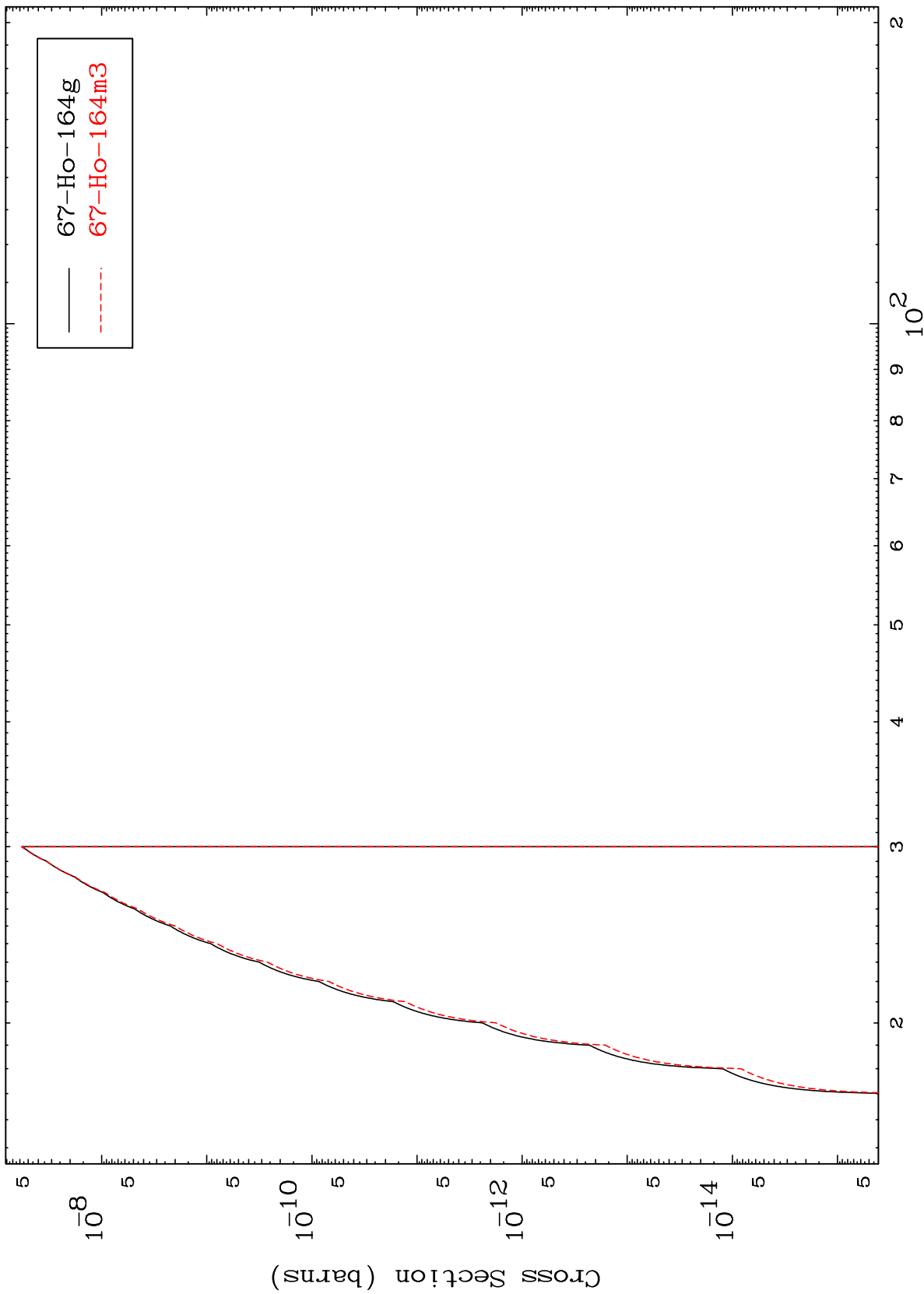


133

Incident Energy (MeV)

69-Tm-166

Radionuclide Production Cross Section

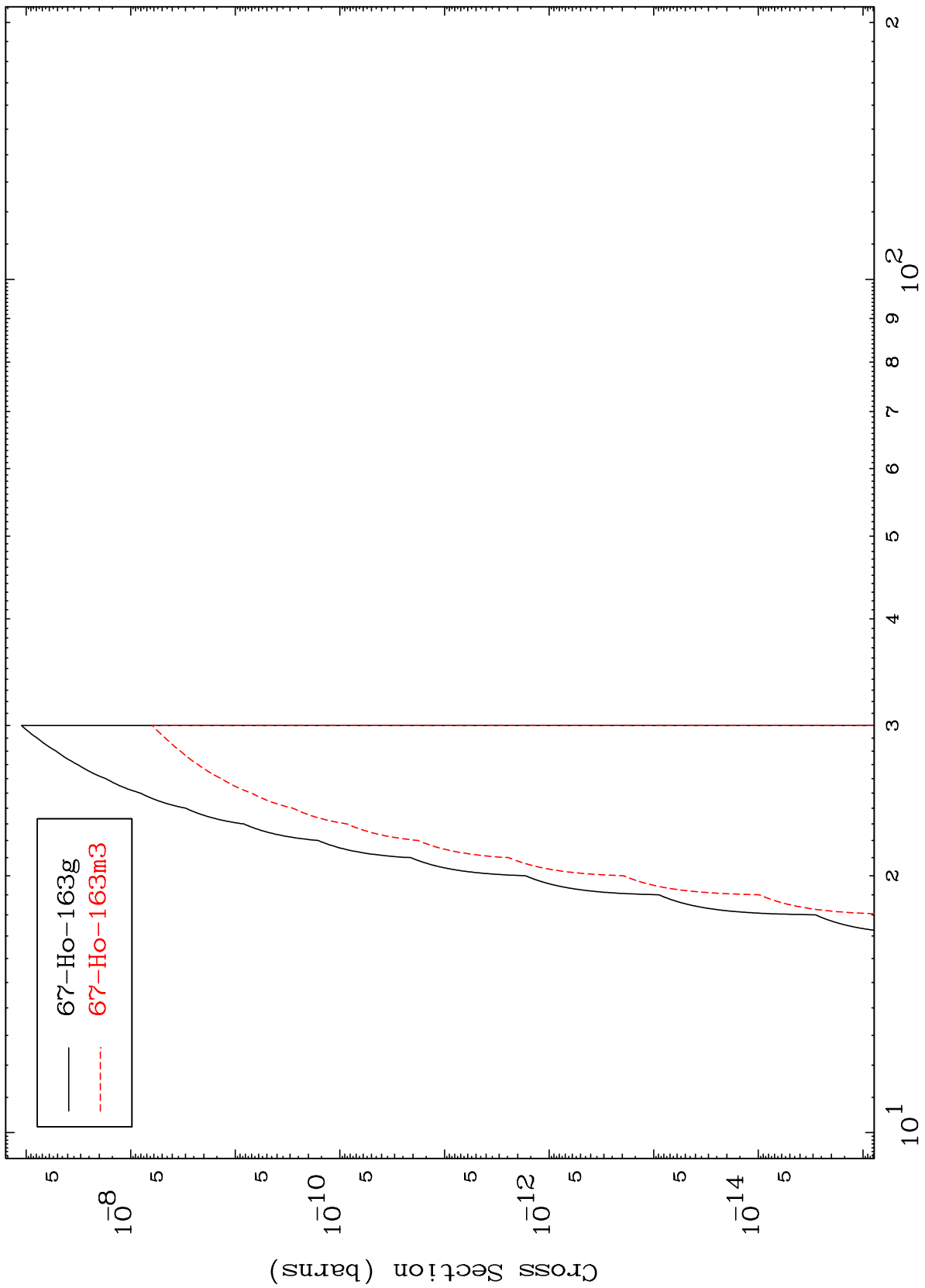


MAT 6916

(n,p) t

69-Tm-166

Radionuclide Production Cross Section



Incident Energy (MeV)

69-Tm-166

135