

Program EVALPLOT
(Version 2021-1)

by

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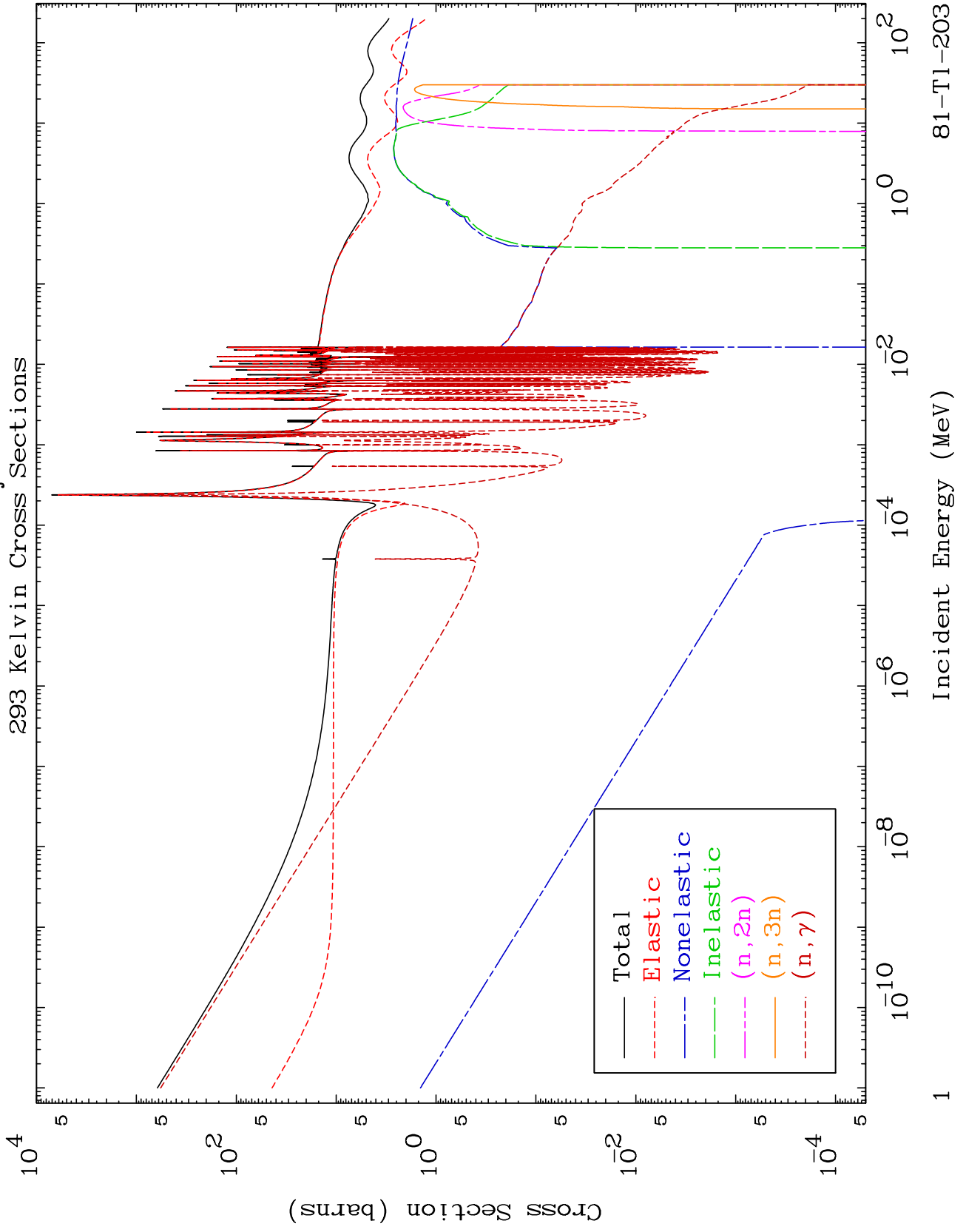
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8125

Neutron Major
293 Kelvin Cross Sections

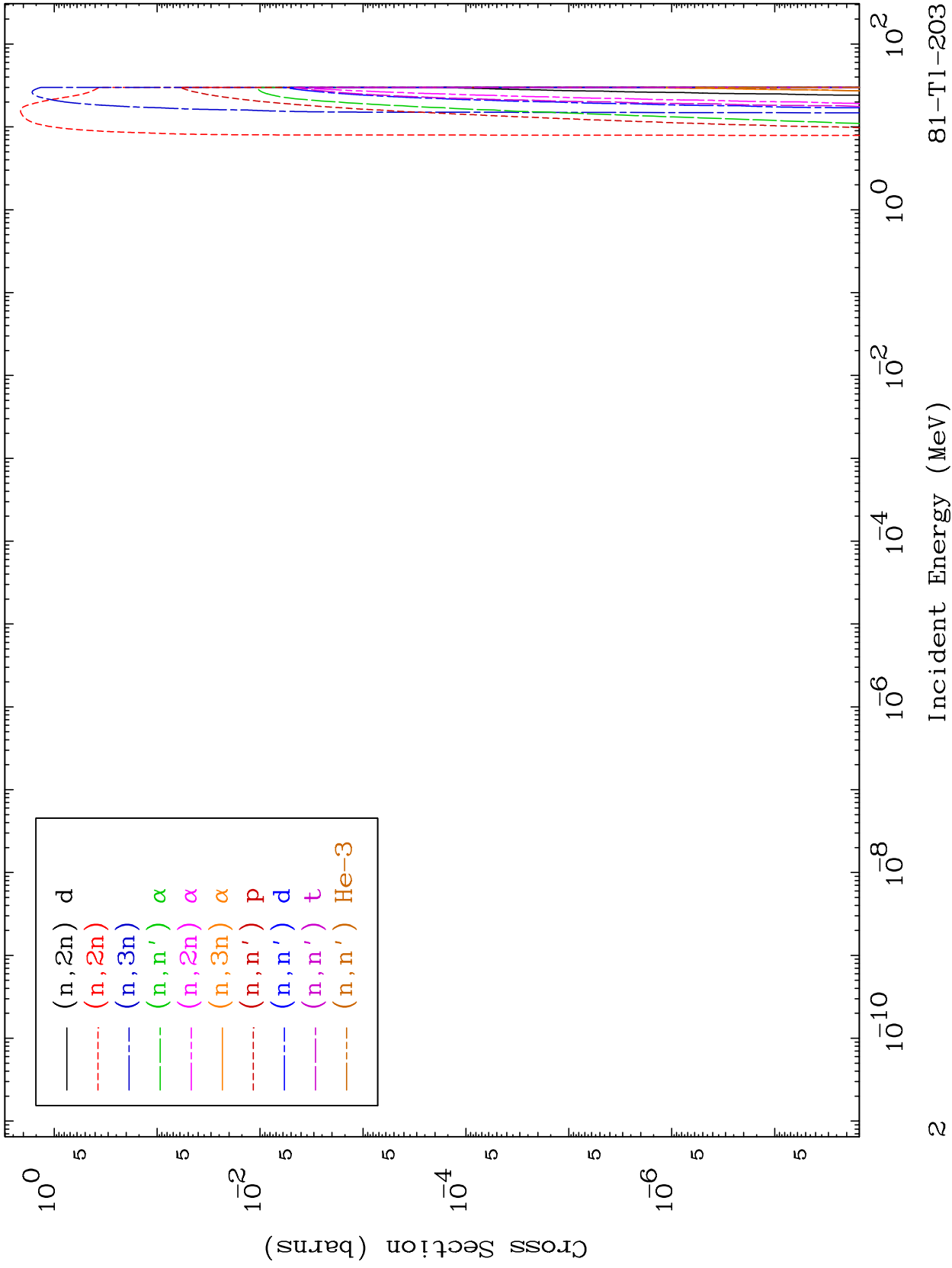
81-Tl-203



MAT 8125

Neutron Absorption
293 Kelvin Cross Sections

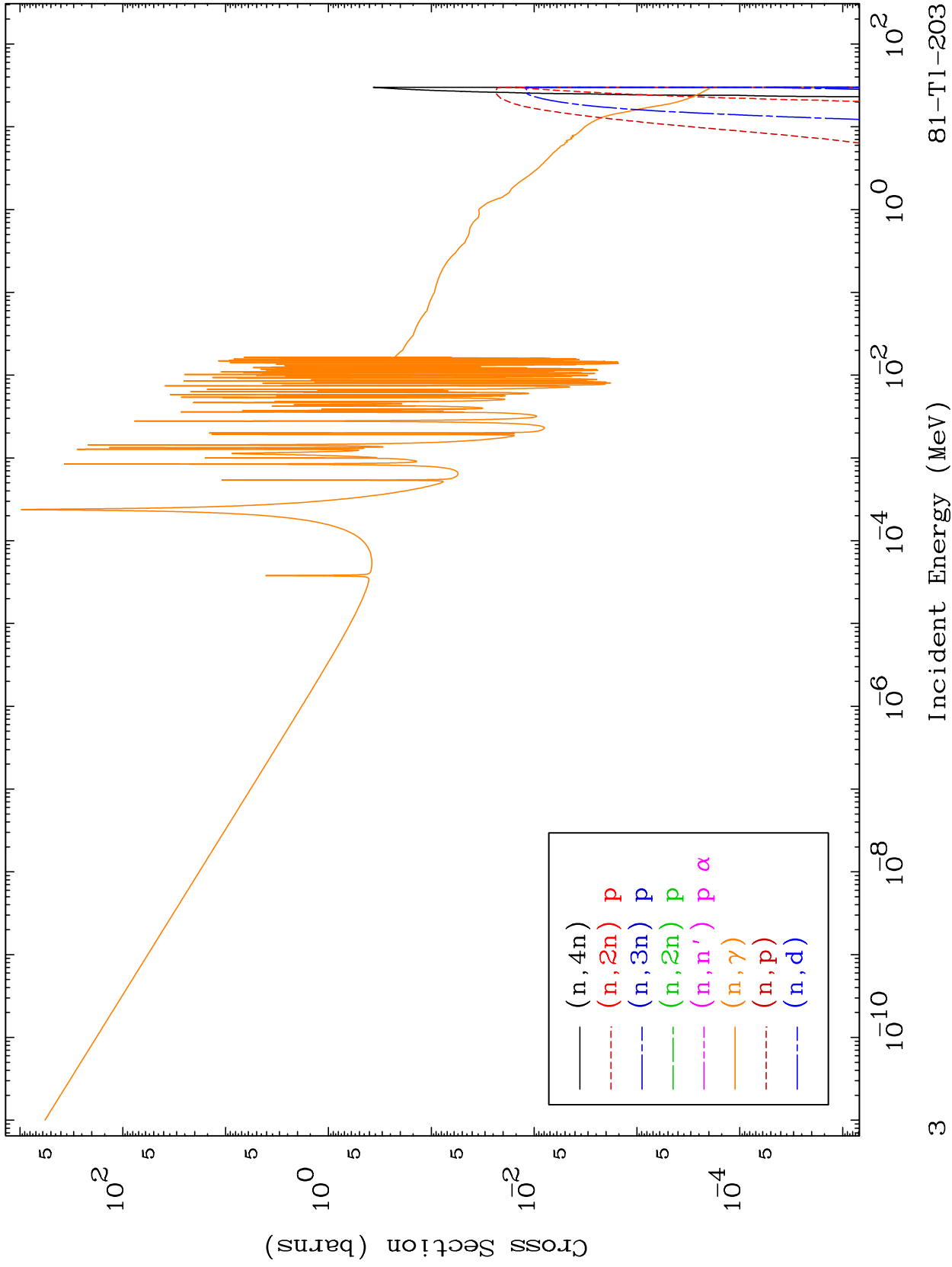
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MAT 8125

Neutron Absorption
293 Kelvin Cross Sections

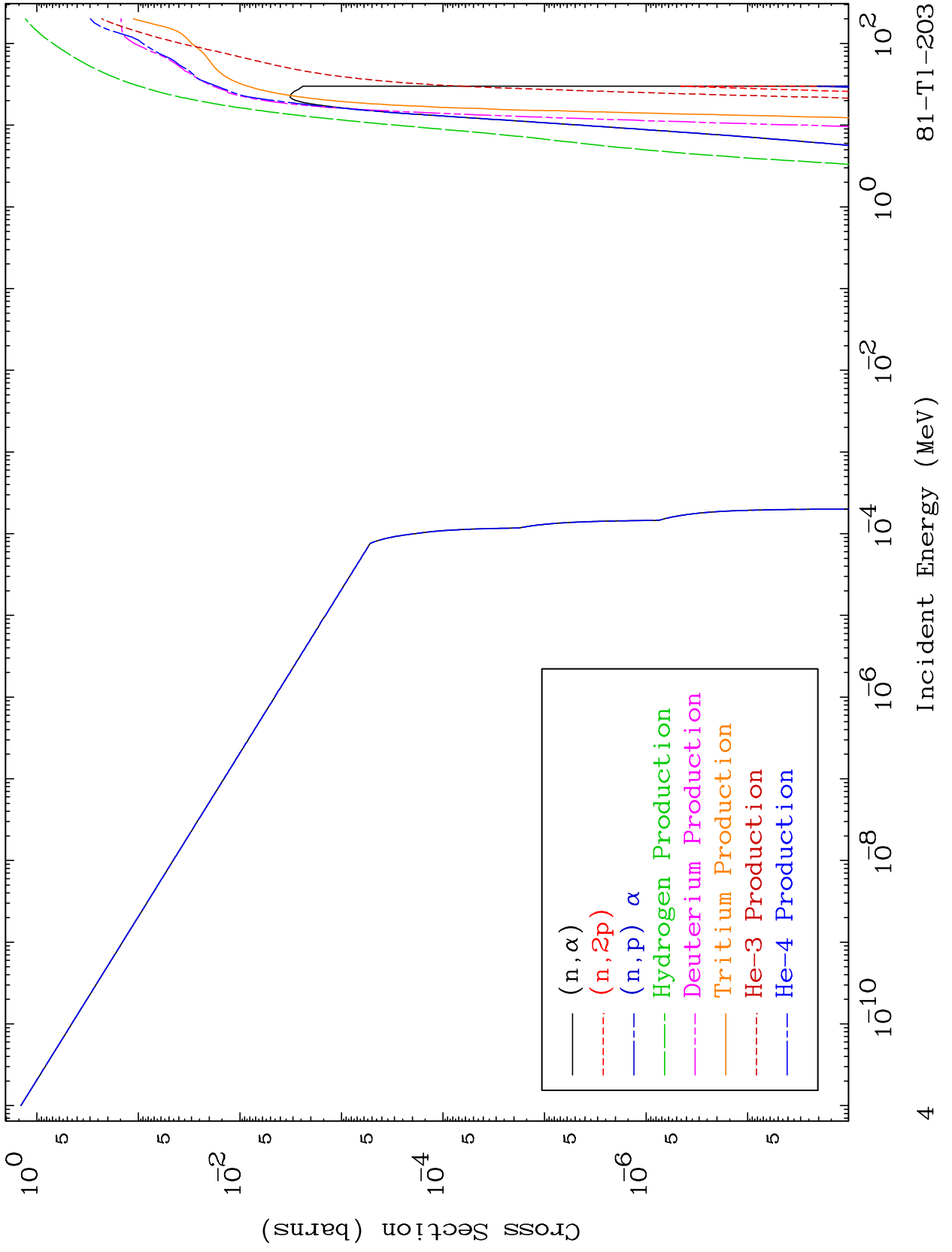
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MAT 8125

Neutron Absorption
293 Kelvin Cross Sections

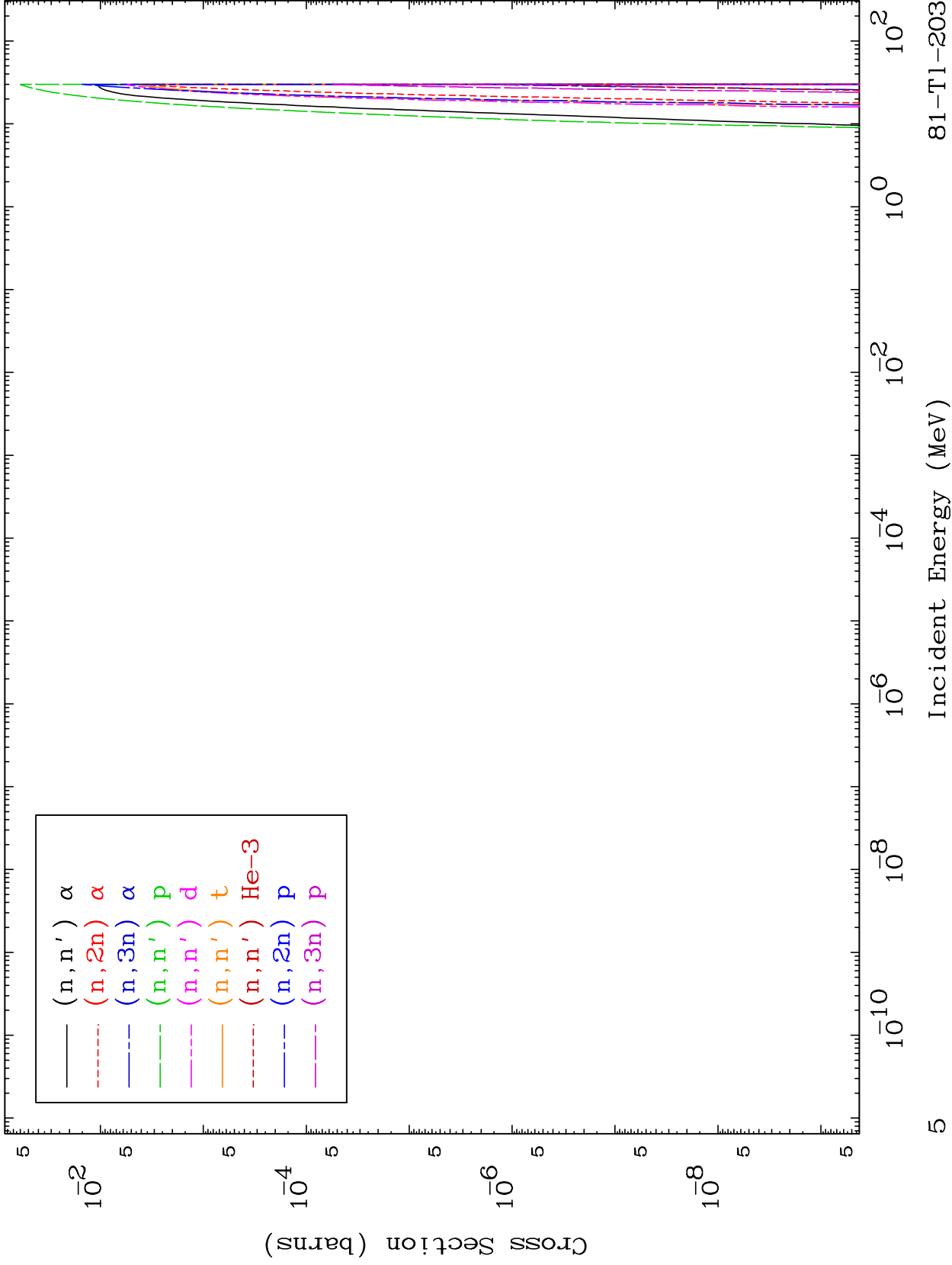
81-Tl-203



MAT 8125

Charged Particle
293 Kelvin Cross Sections

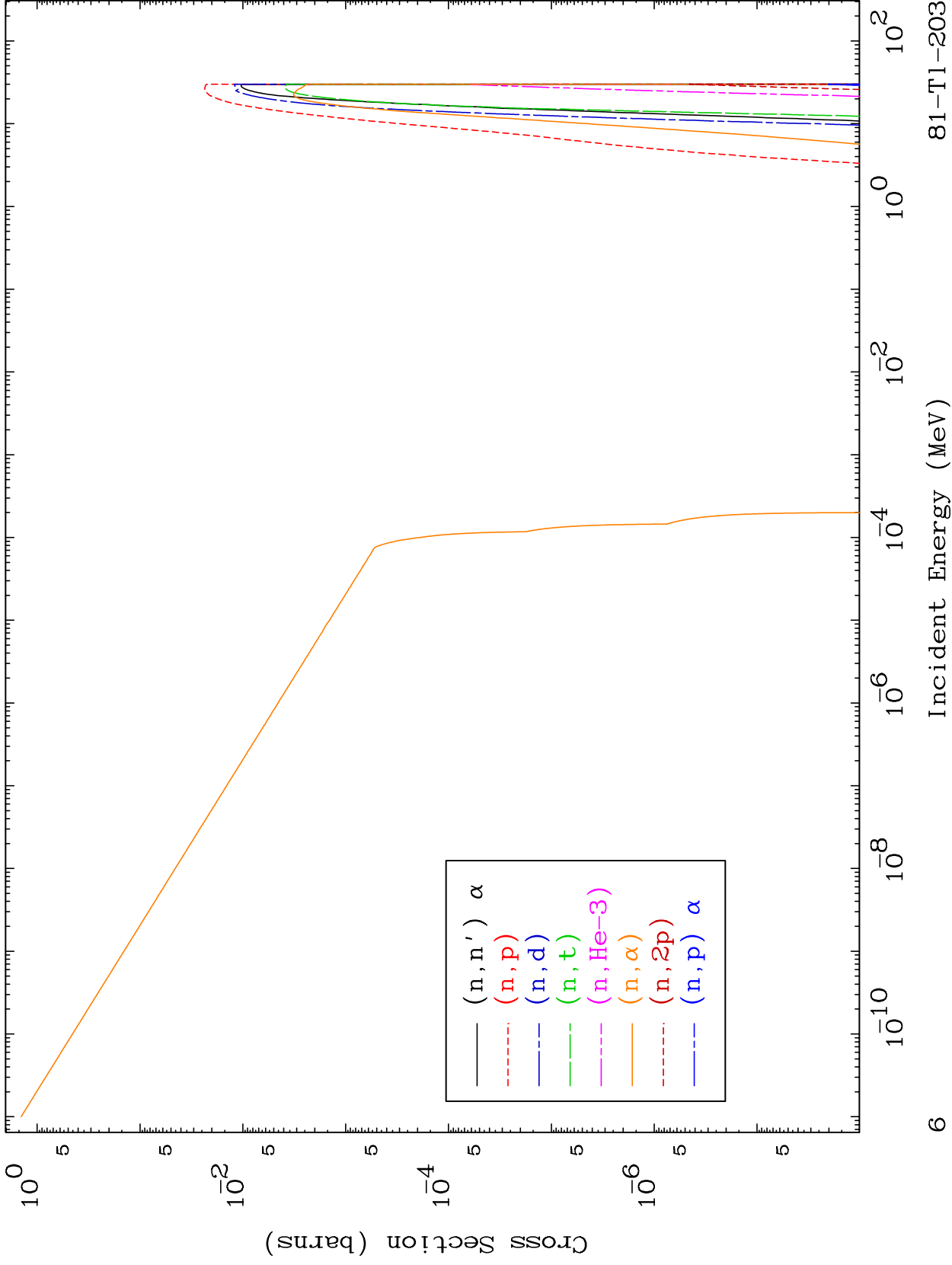
81-Tl-203



MAT 8125

Charged Particle
293 Kelvin Cross Sections

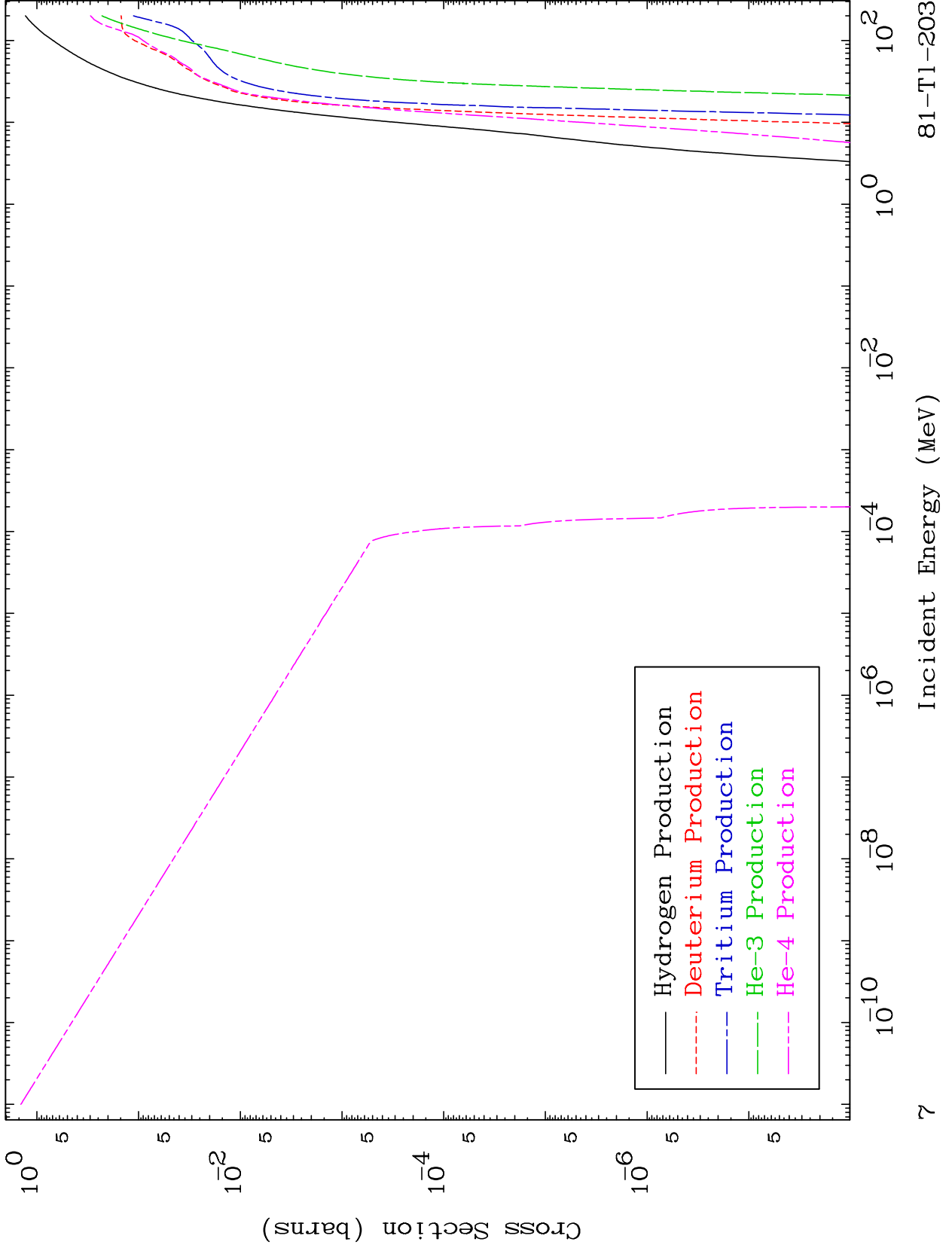
81-Tl-203



MAT 8125

Particle Production
293 Kelvin Cross Sections

81-T1-203

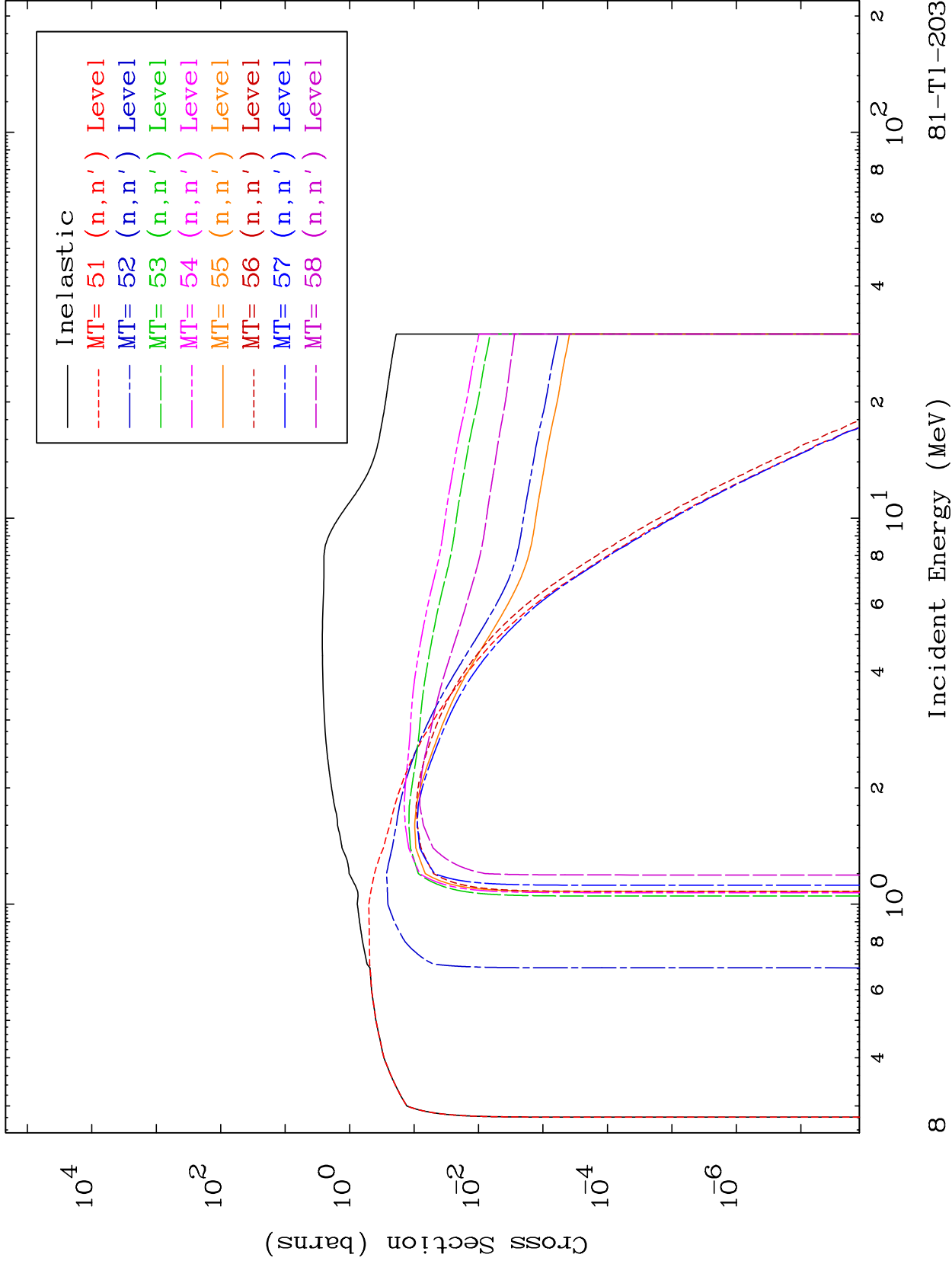


MAT 8125

(n,n') Levels

81-Tl-203

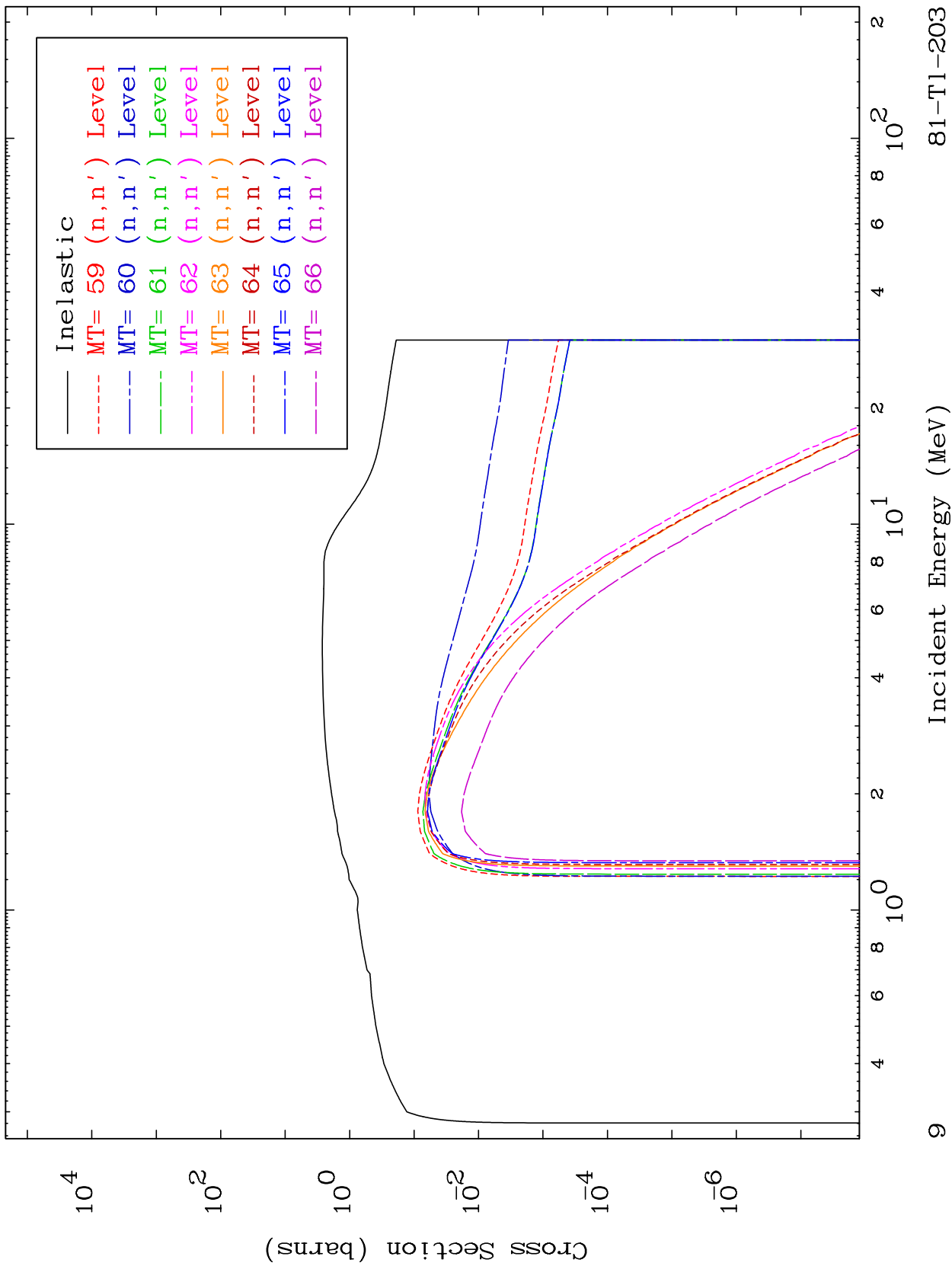
293 Kelvin Cross Sections



MAT 8125

(n,n') Levels
293 Kelvin Cross Sections

81-T1-203



9

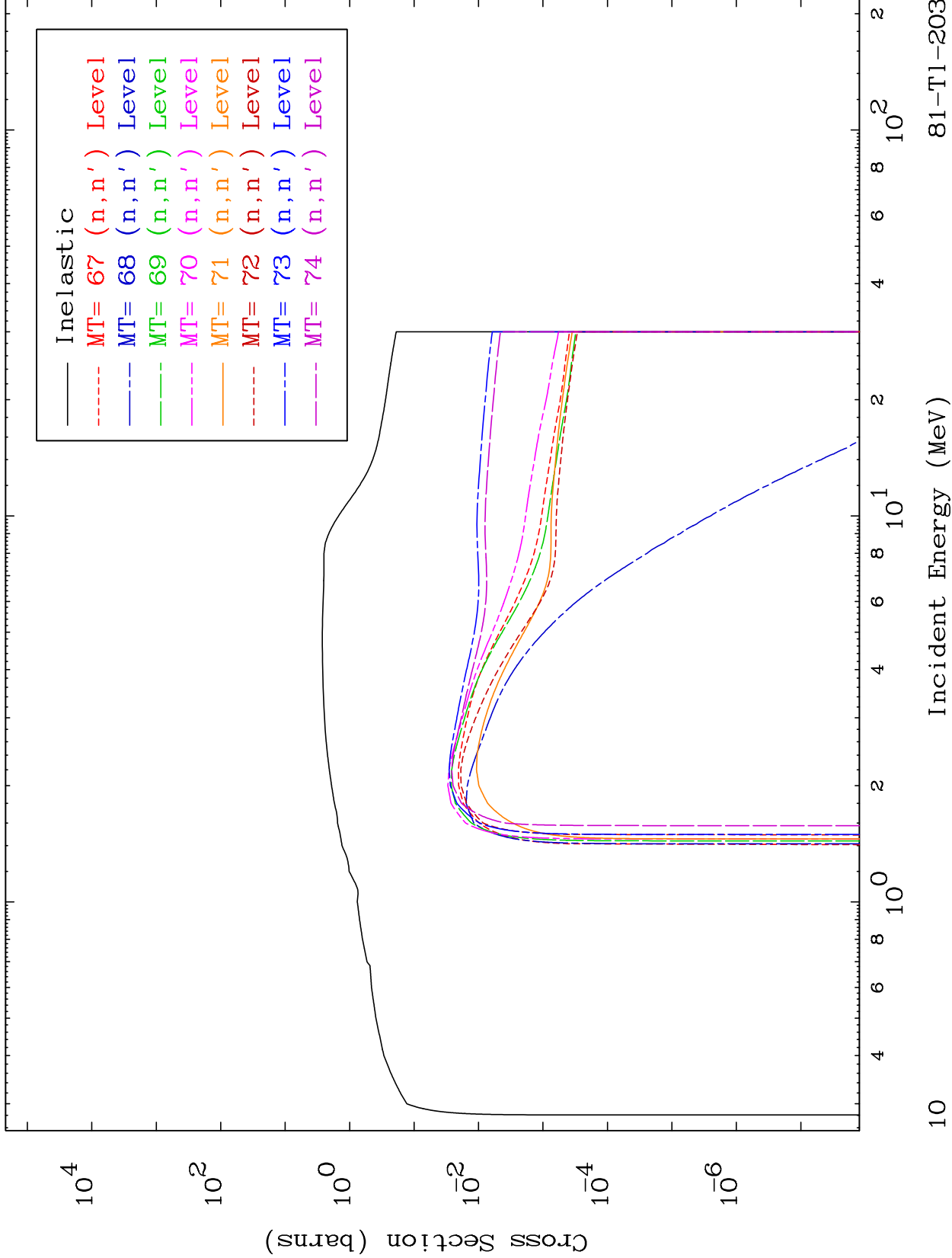
Incident Energy (MeV)

81-T1-203

MAT 8125

(n,n') Levels
293 Kelvin Cross Sections

81-T1-203

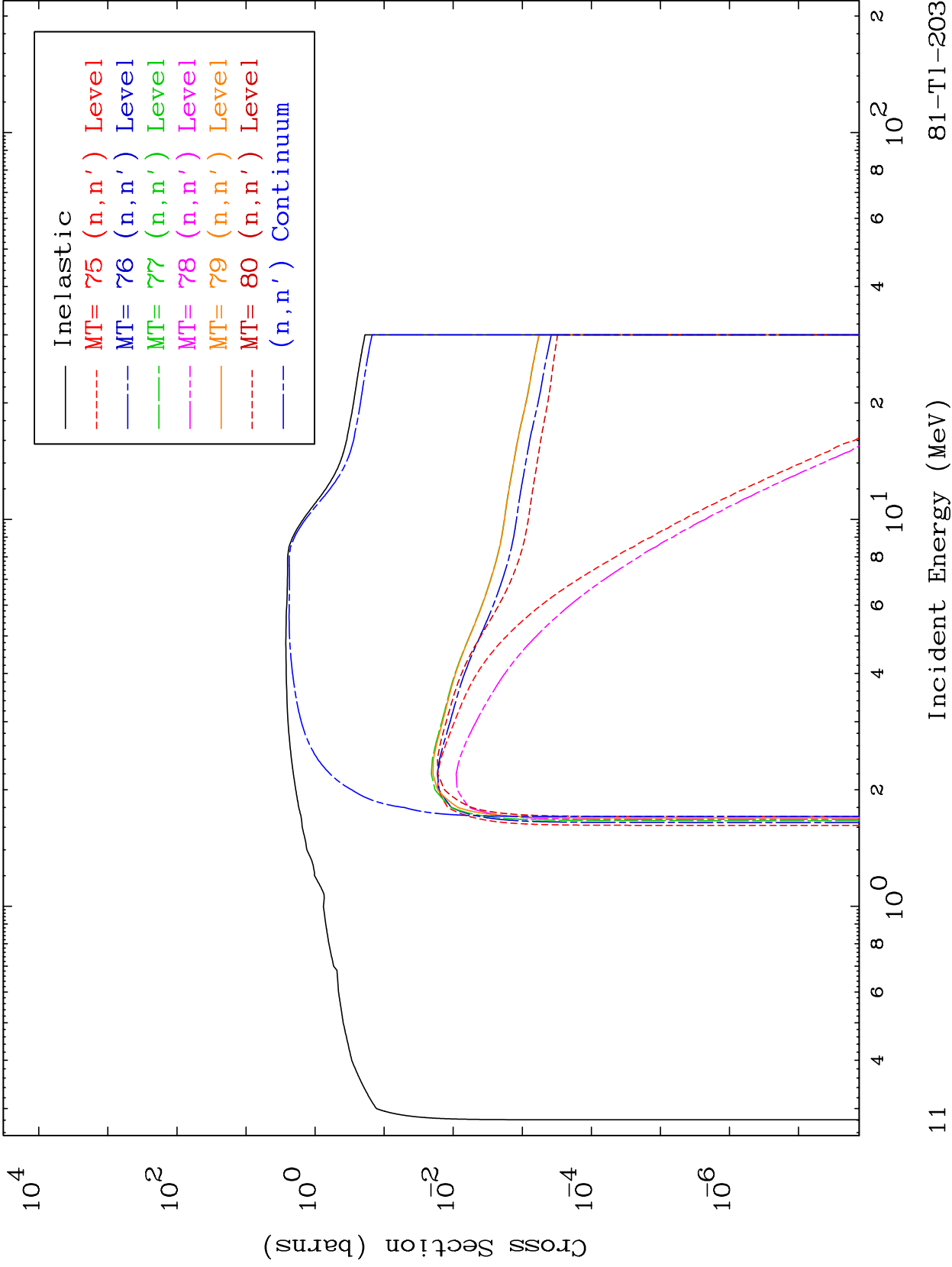


MAT 8125

(n,n') Levels

81-Tl-203

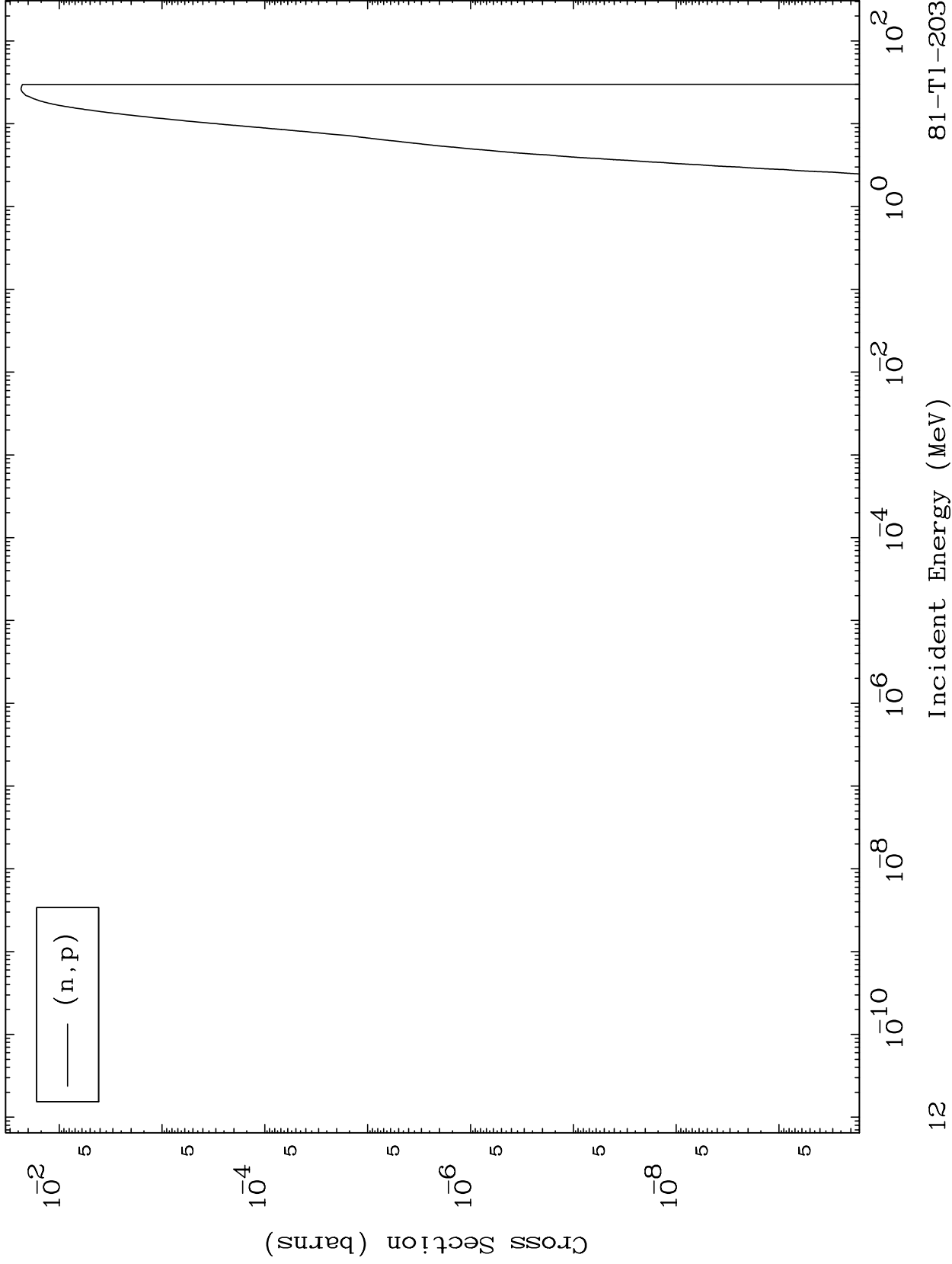
293 Kelvin Cross Sections



MAT 8125

(n,p) Levels
293 Kelvin Cross Sections

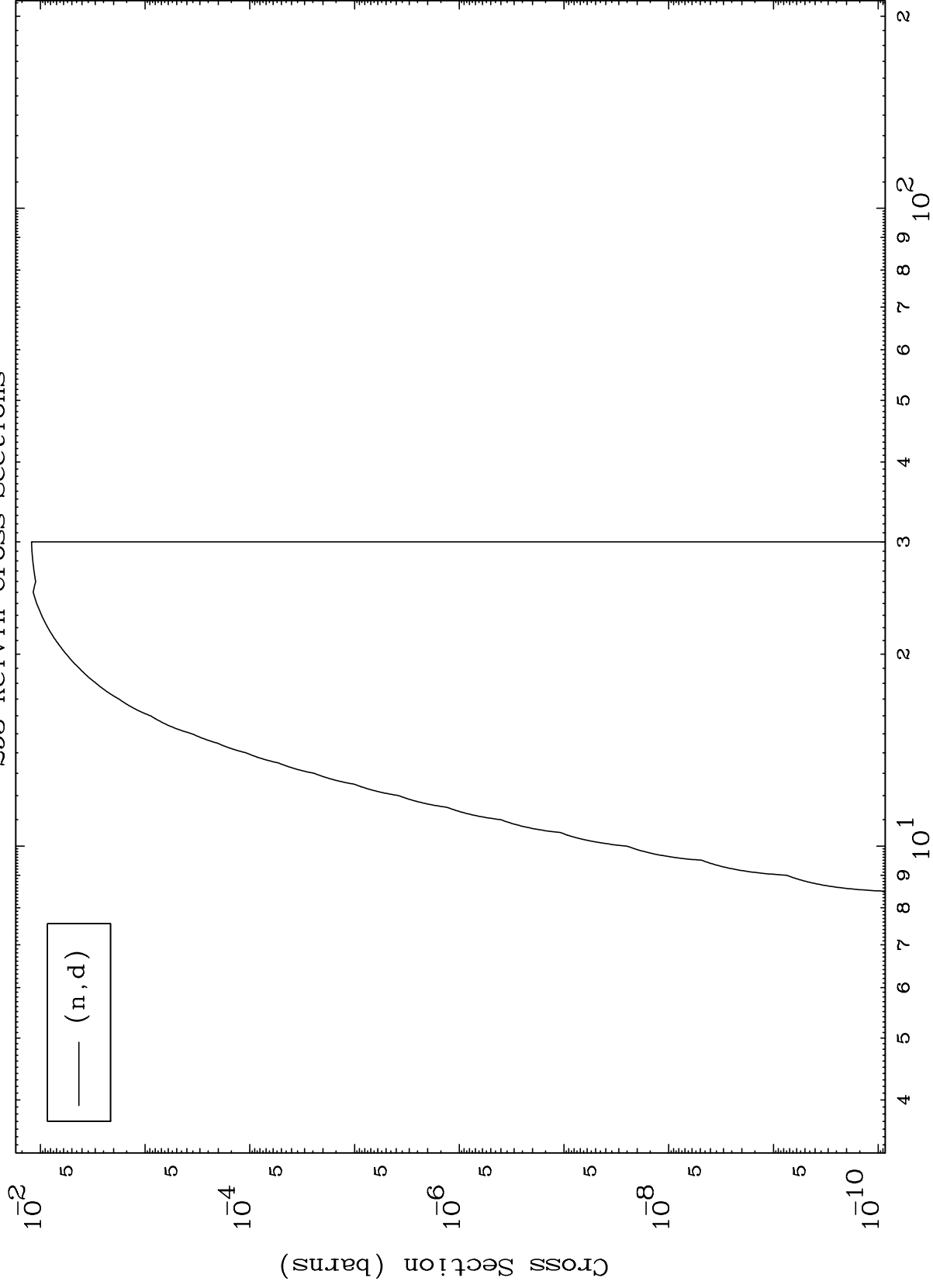
81-Tl-203



MAT 8125

(n,d) Levels
293 Kelvin Cross Sections

81-T1-203



13

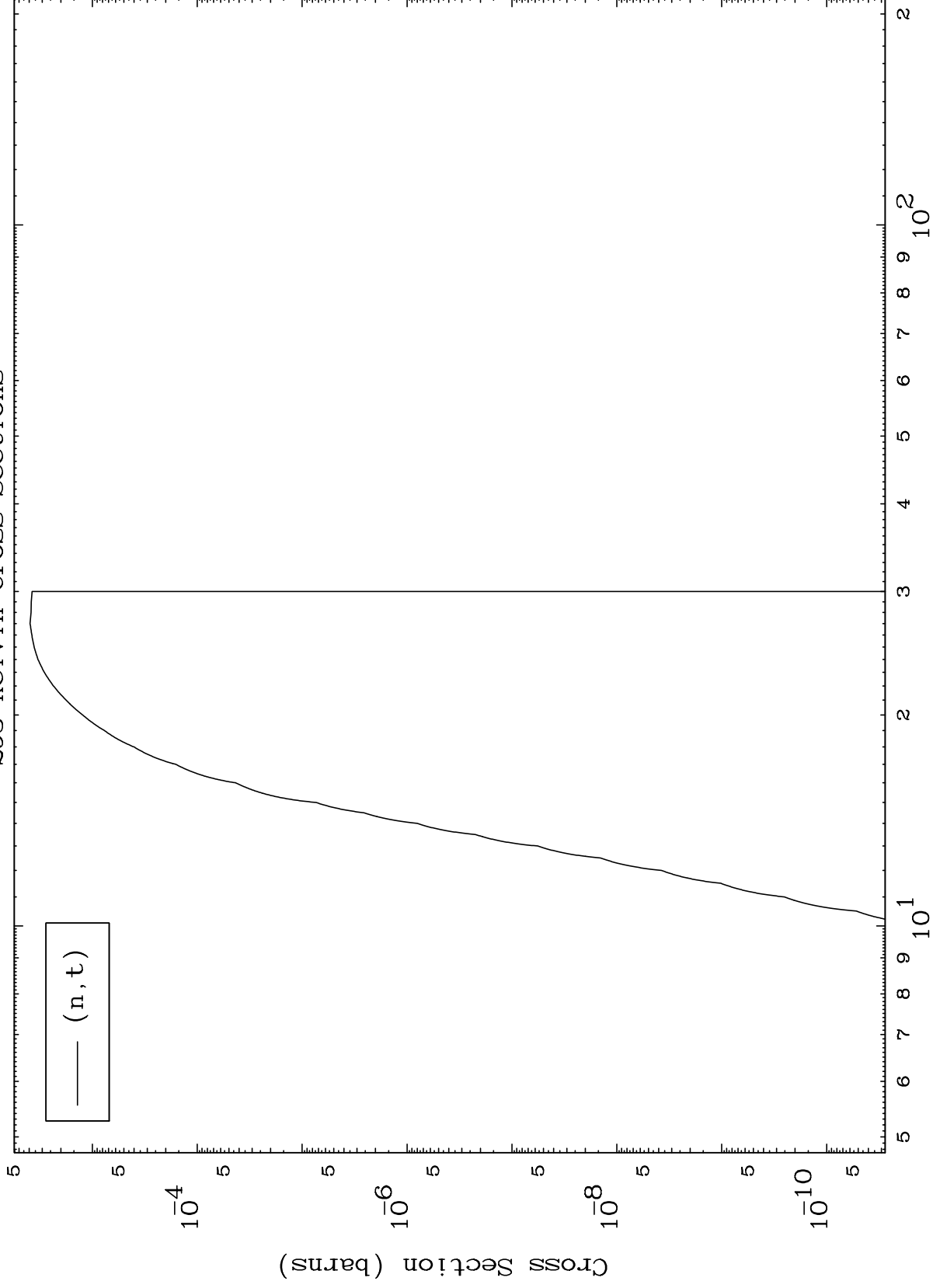
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81-T1-203

MAT 8125

(n,t) Levels
293 Kelvin Cross Sections

81-T1-203



14

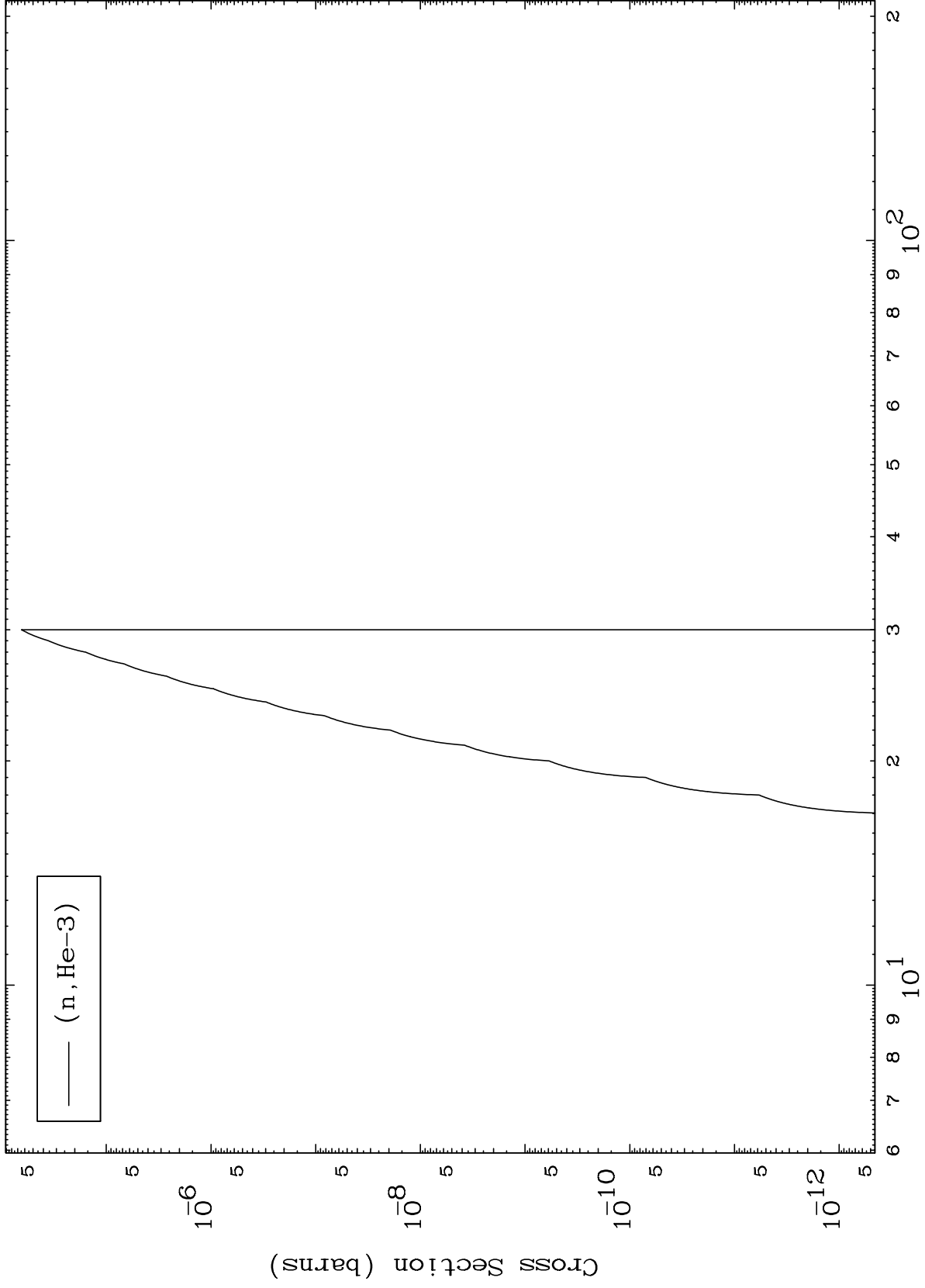
Incident Energy (MeV)

81-T1-203

MAT 8125

(n,He3) Levels
293 Kelvin Cross Sections

81-T1-203



15

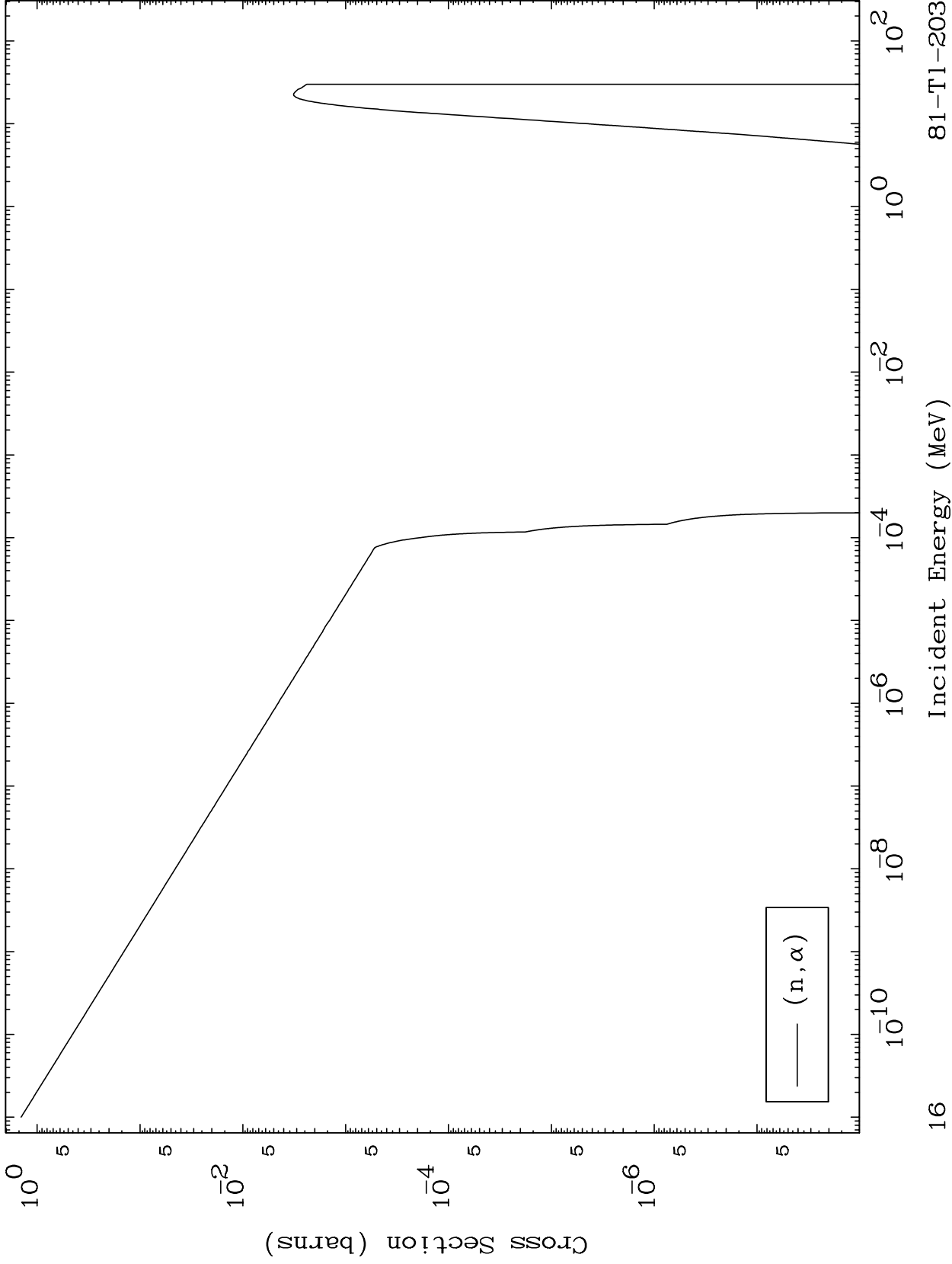
Incident Energy (MeV)

81-T1-203

MAT 8125

(n,α) Levels
293 Kelvin Cross Sections

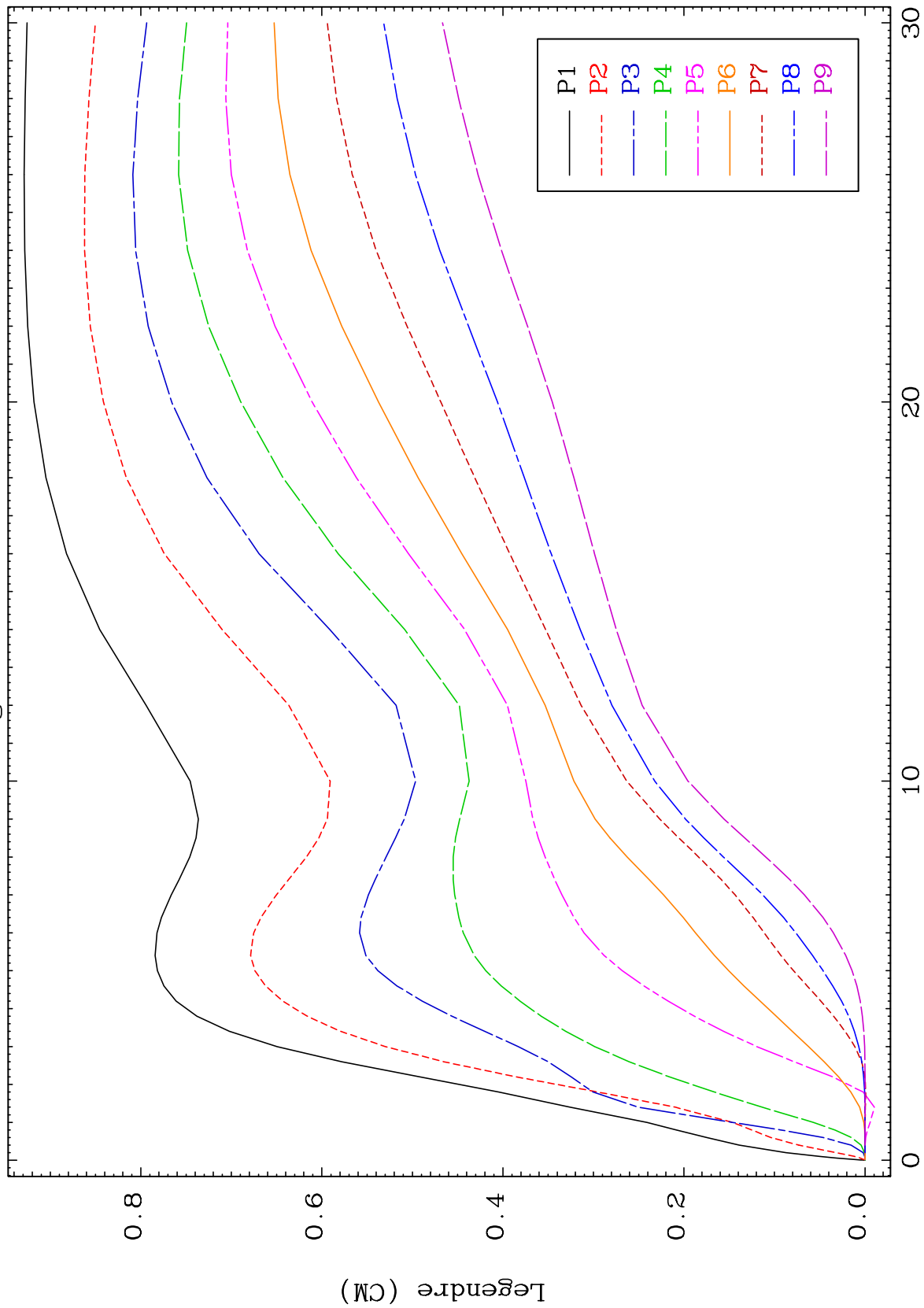
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MAT 8125

Elastic Legendre Coefficients

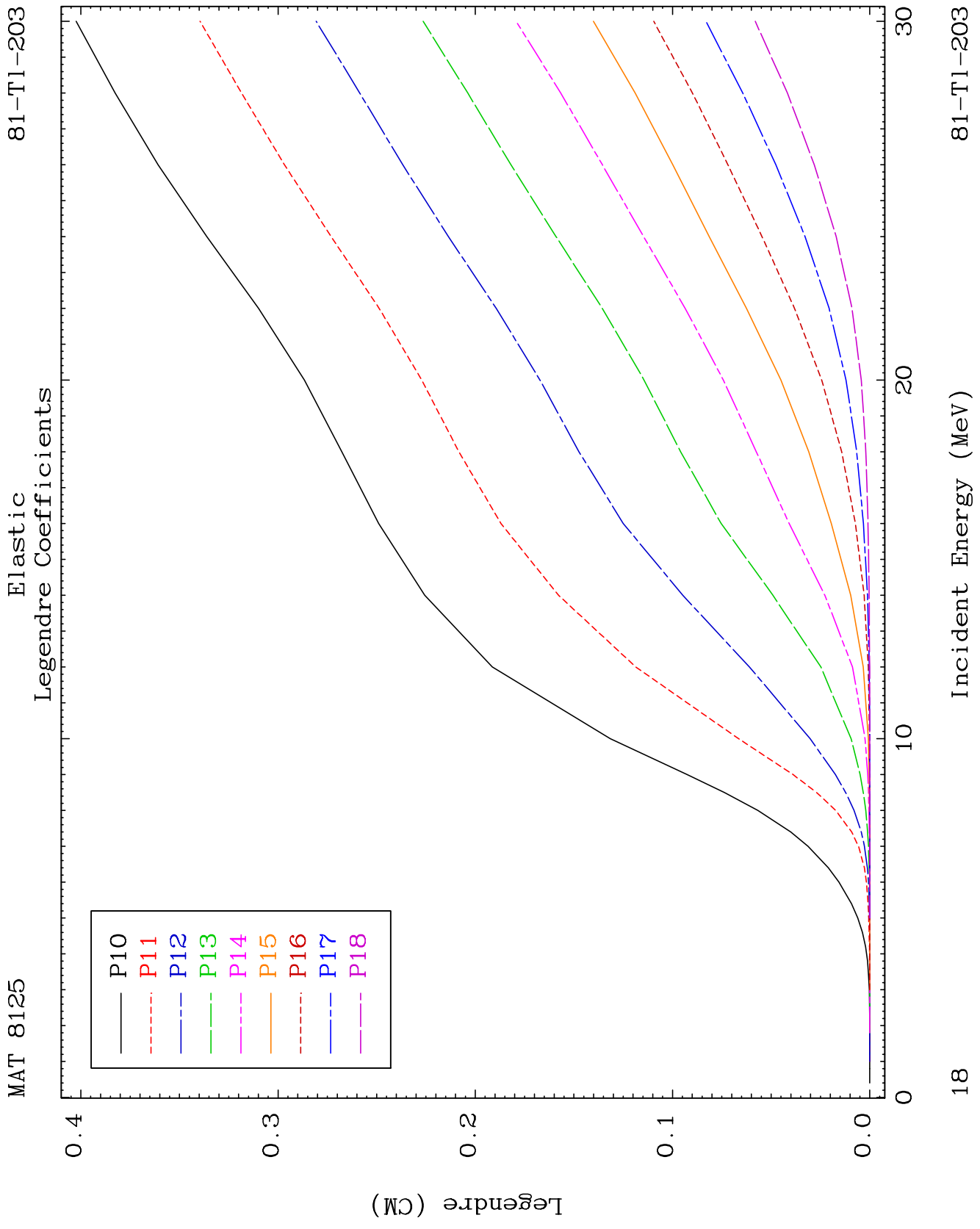
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17

Incident Energy (MeV)

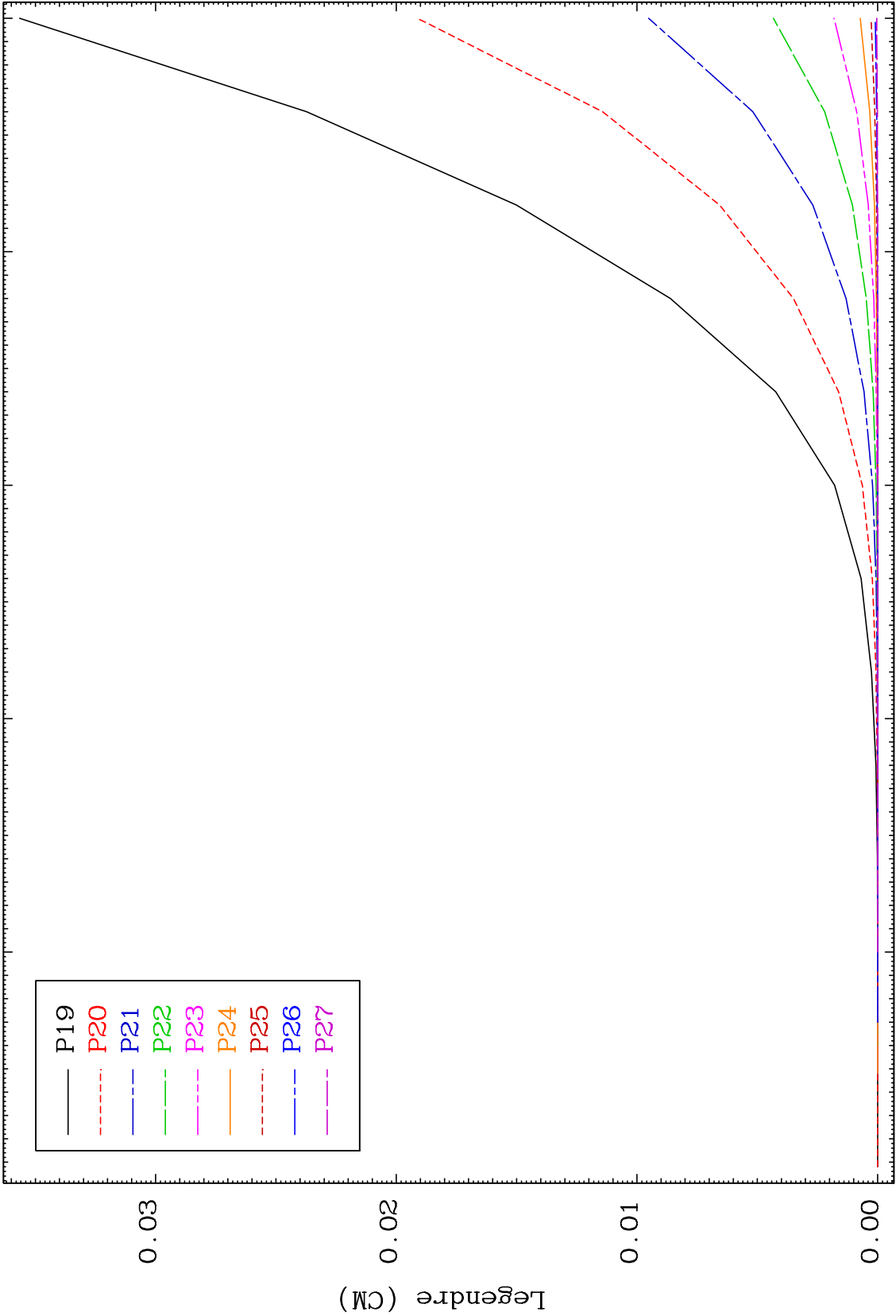
81-T1-203



MAT 8125

Elastic Legendre Coefficients

81-T1-203



19

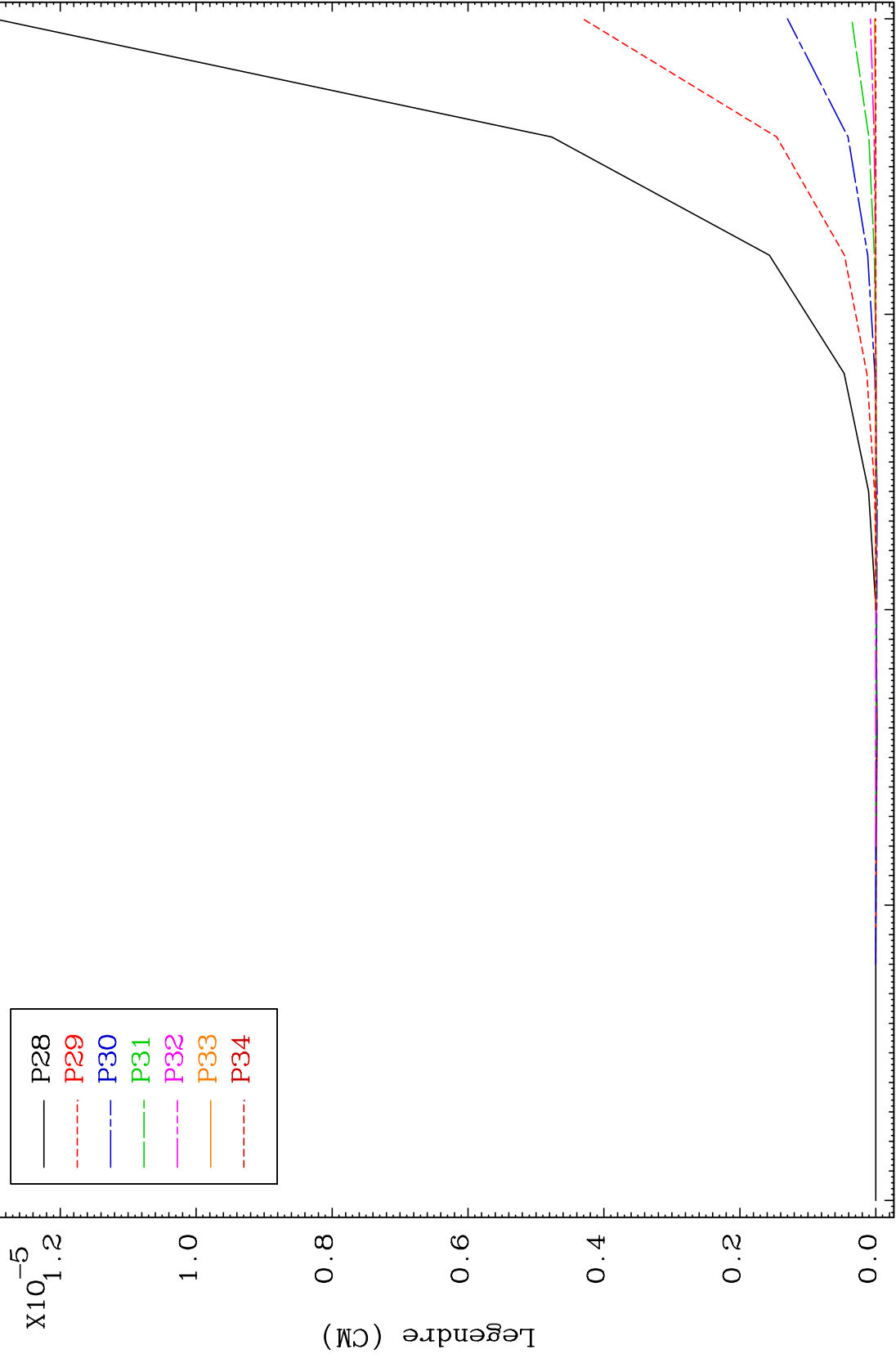
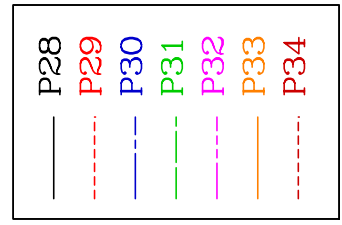
Incident Energy (MeV)

81-T1-203

MAT 8125

Elastic Legendre Coefficients

81-T1-203



20

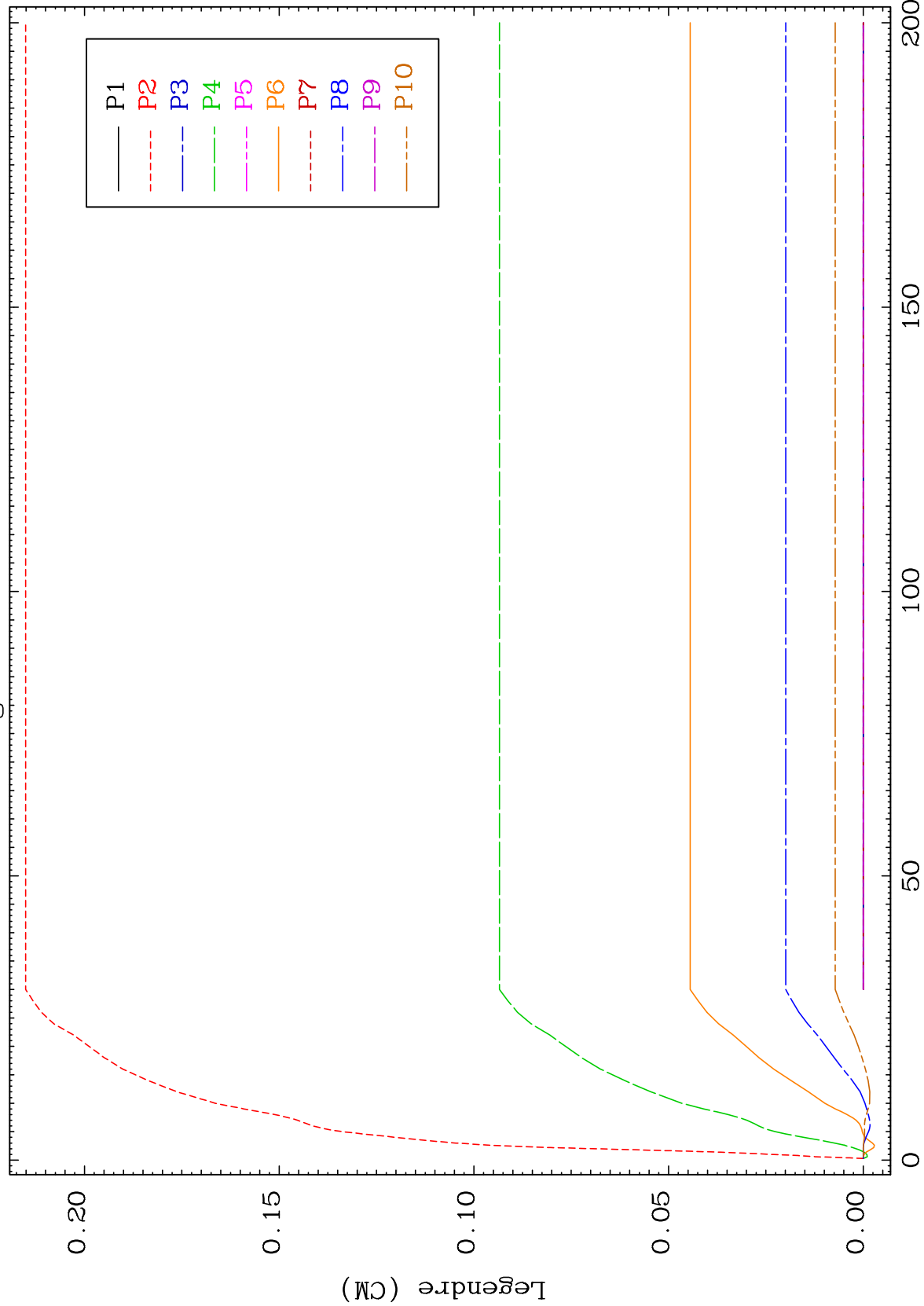
Incident Energy (MeV)

81-T1-203

MAT 8125

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

81-T1-203



21

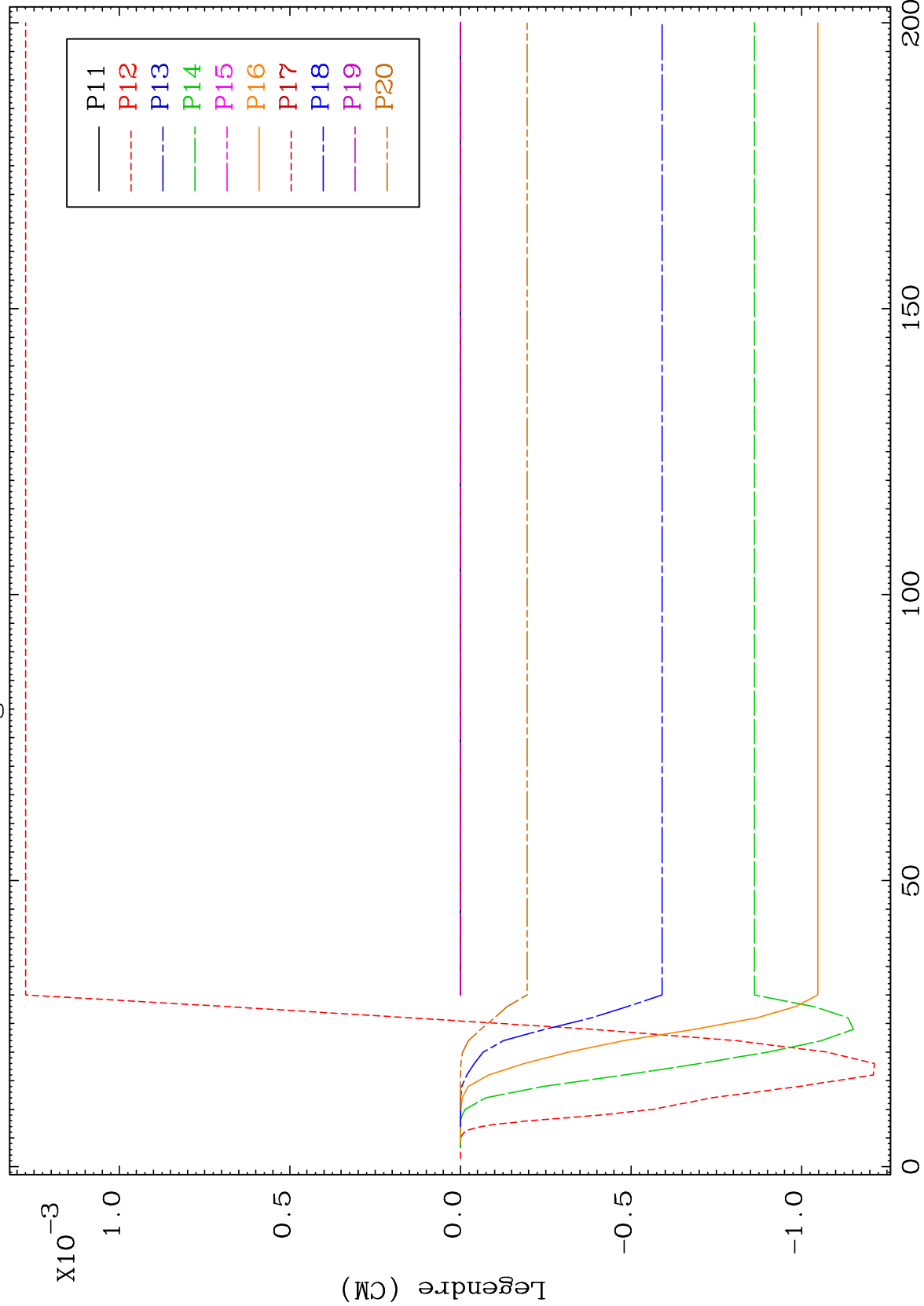
Incident Energy (MeV)

81-T1-203

MAT 8125

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

81-T1-203



22

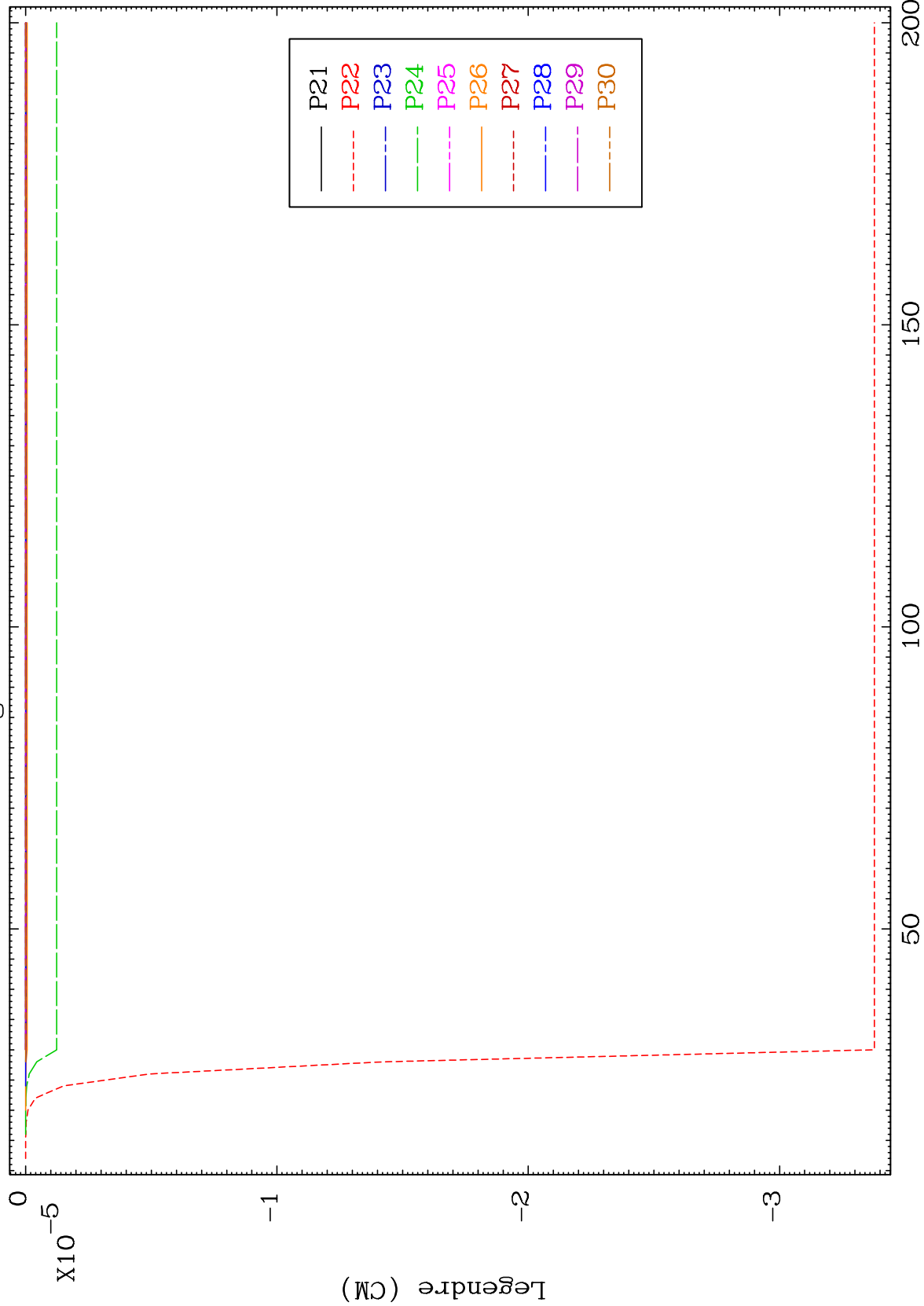
Incident Energy (MeV)

81-T1-203

MAT 8125

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

81-T1-203



23

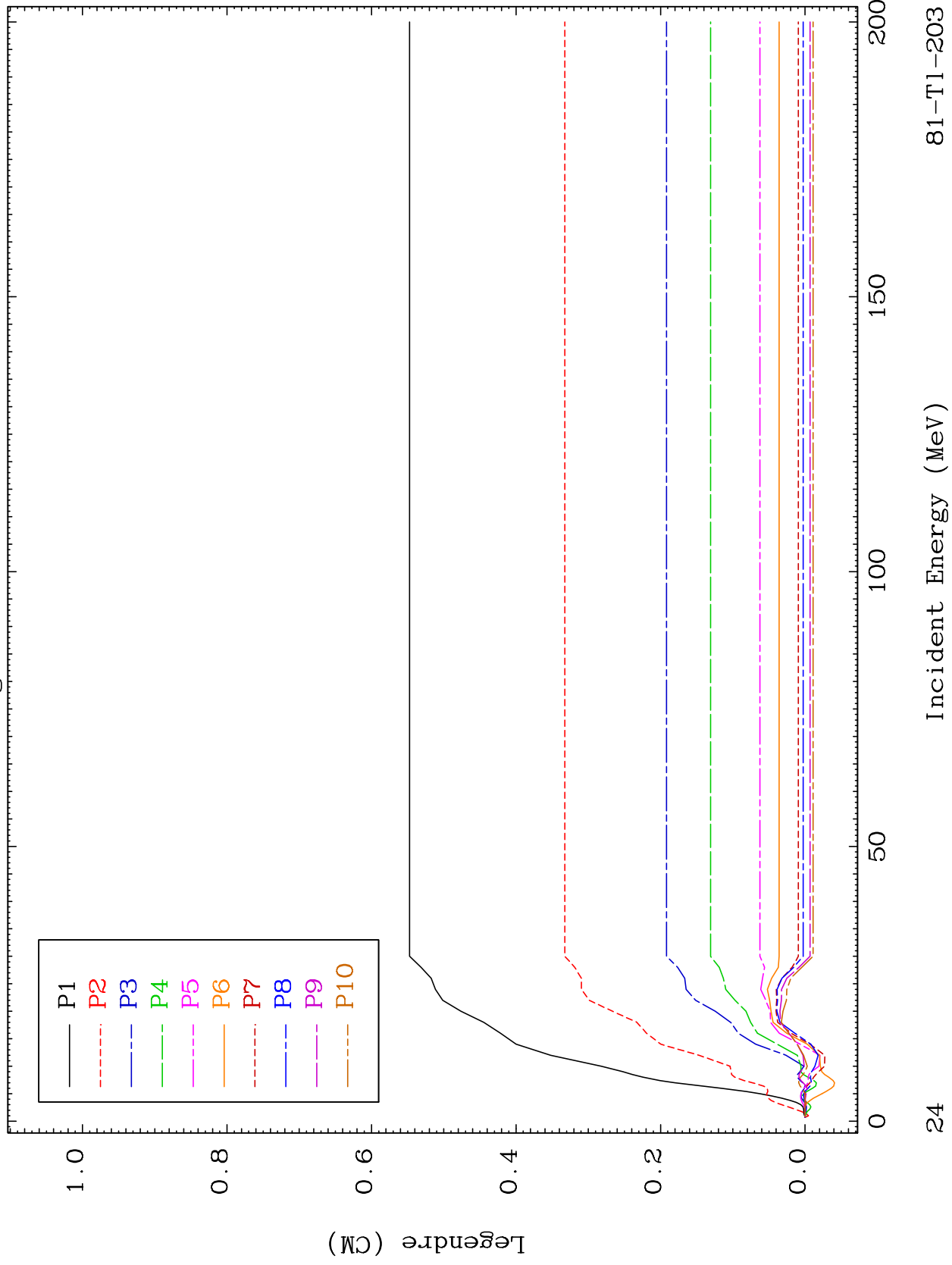
Incident Energy (MeV)

81-T1-203

MAT 8125

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

81-T1-203



24

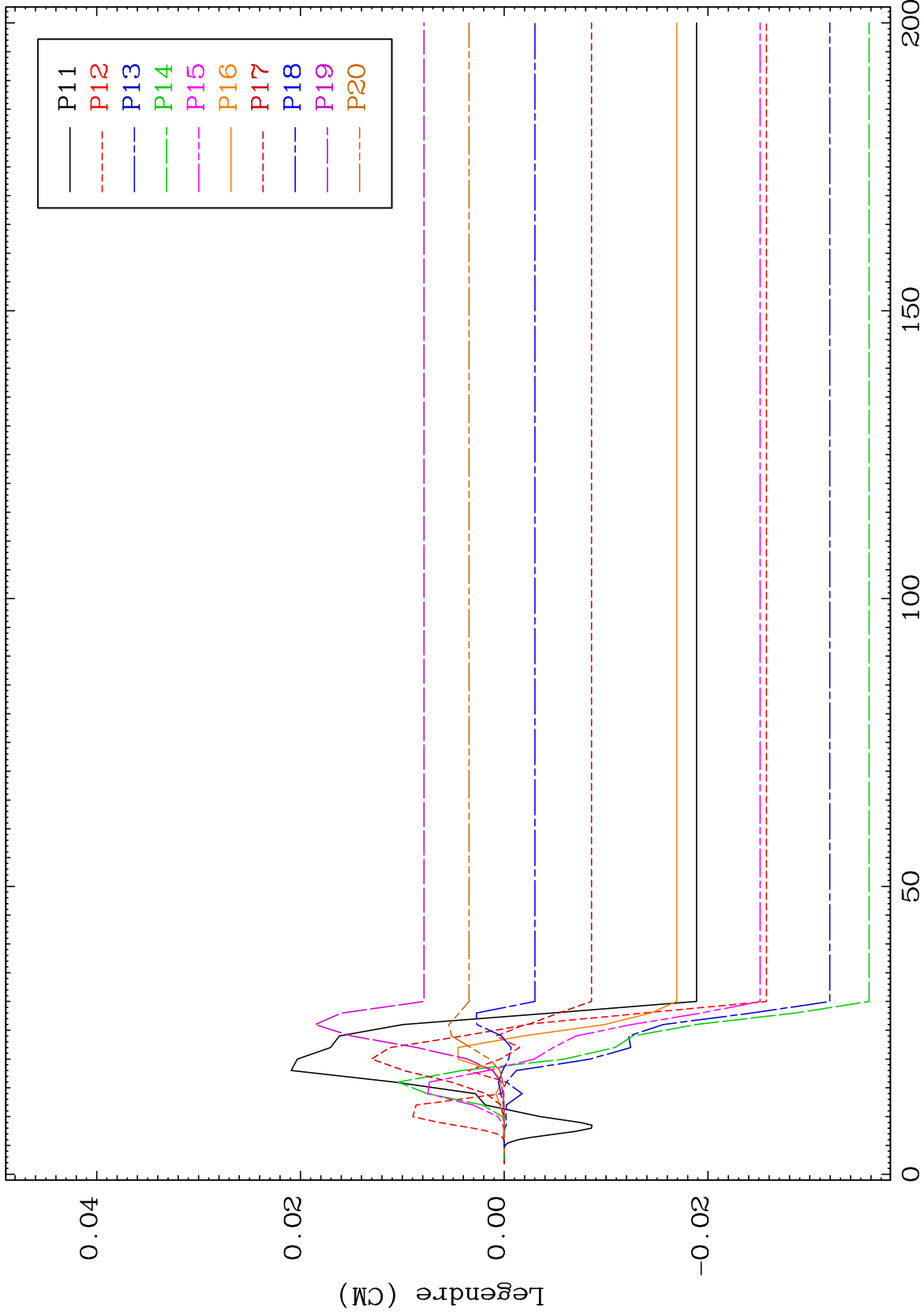
Incident Energy (MeV)

81-T1-203

MAT 8125

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

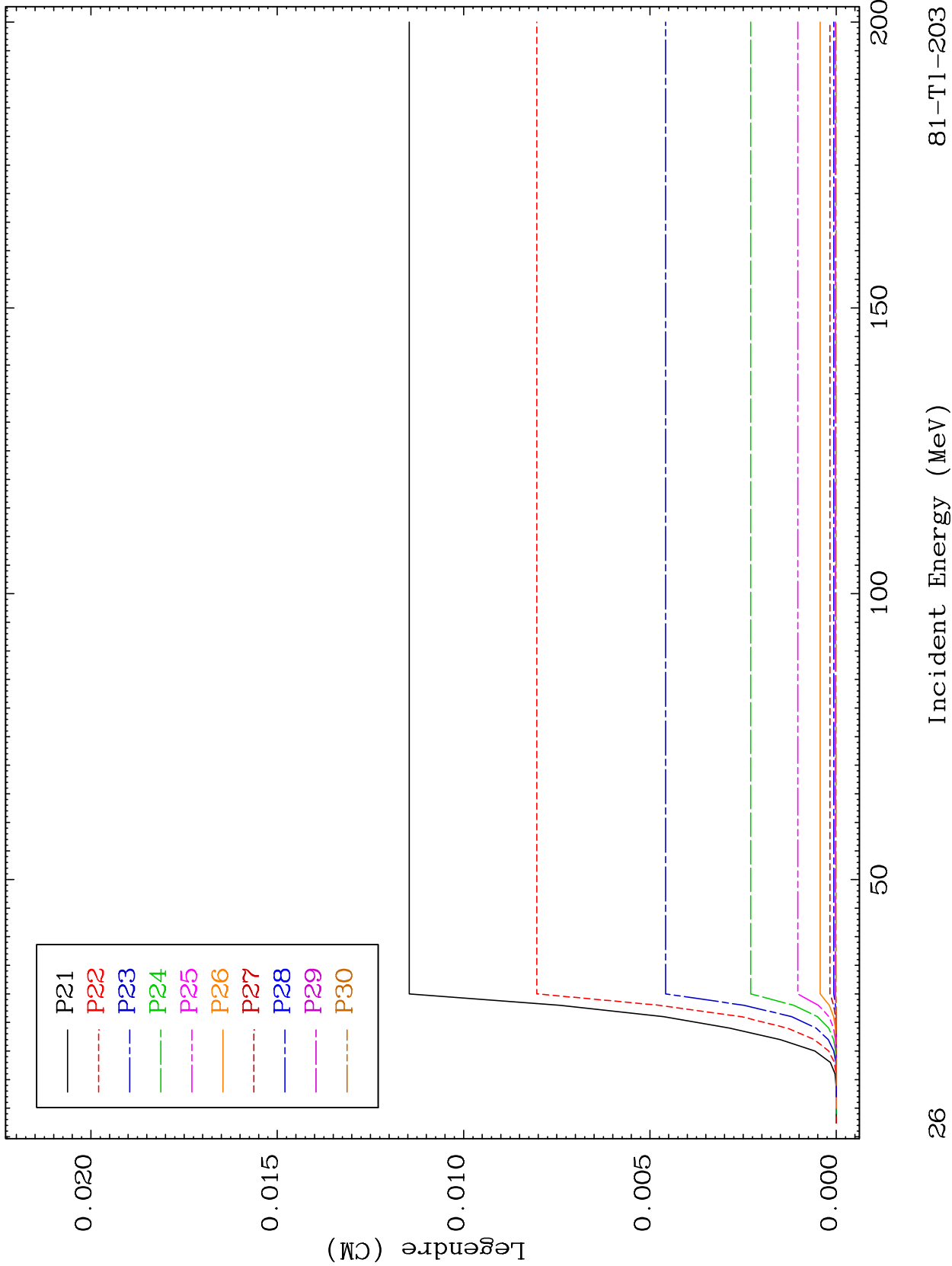
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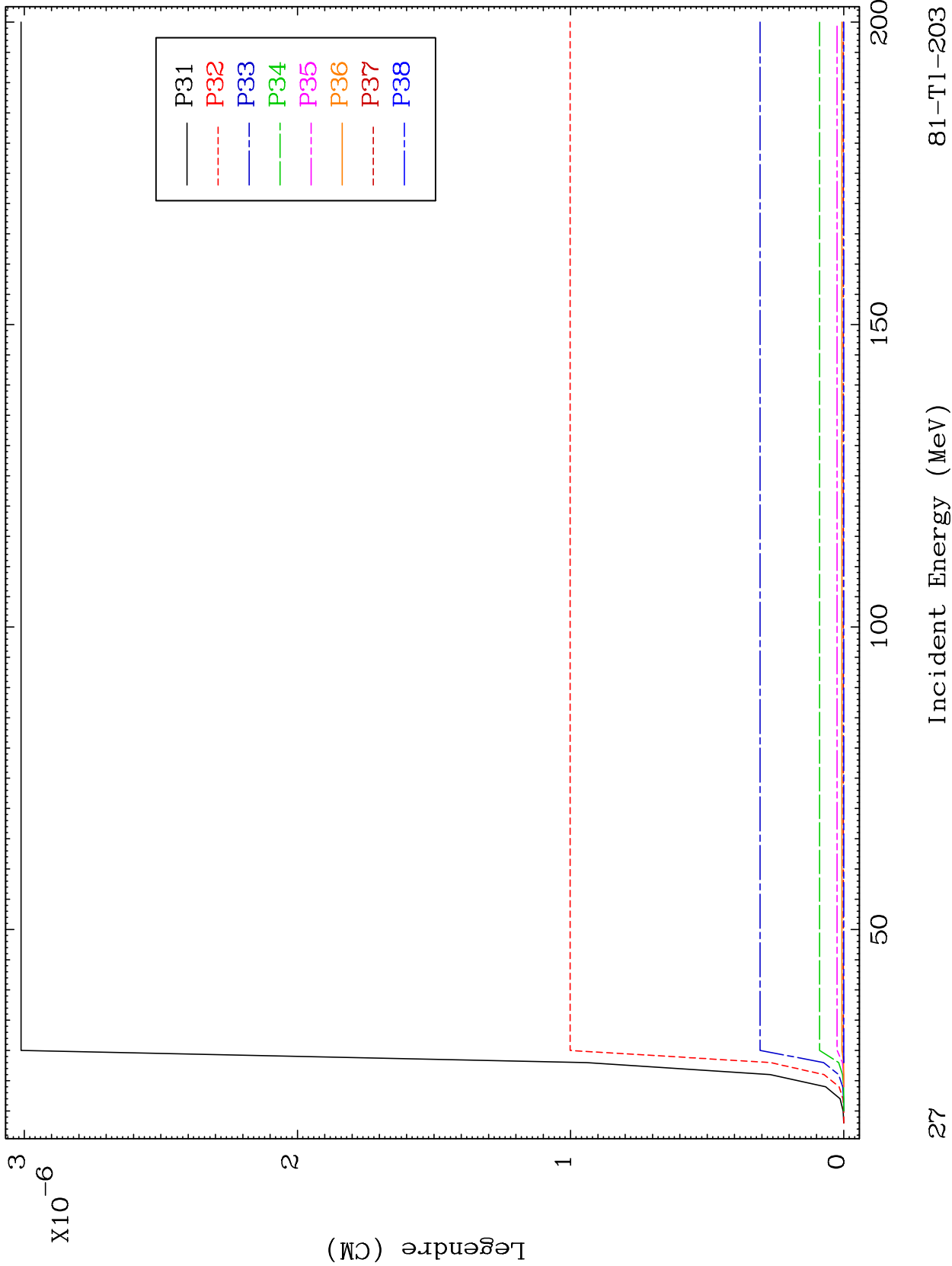


81-T1-203

Incident Energy (MeV)

25

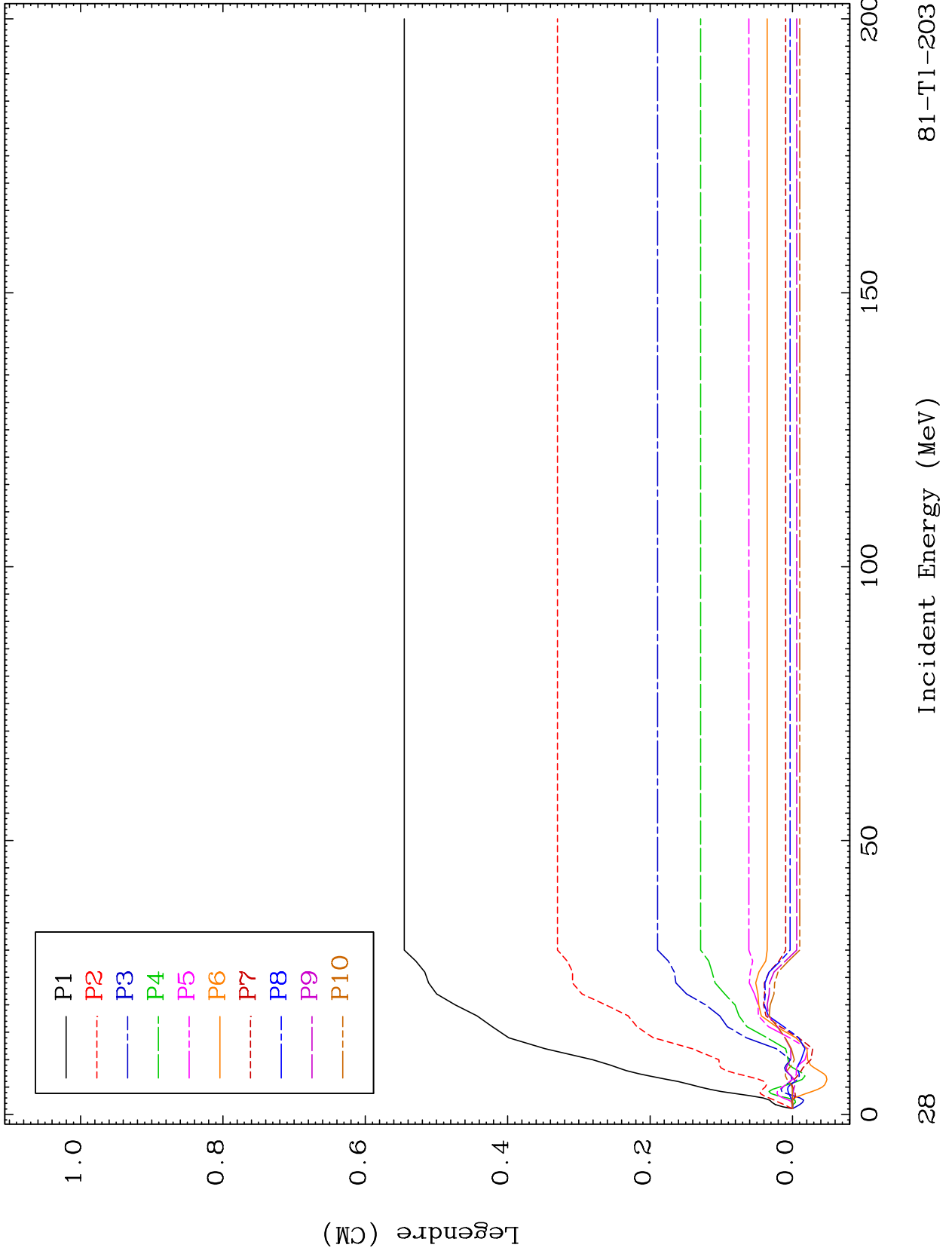


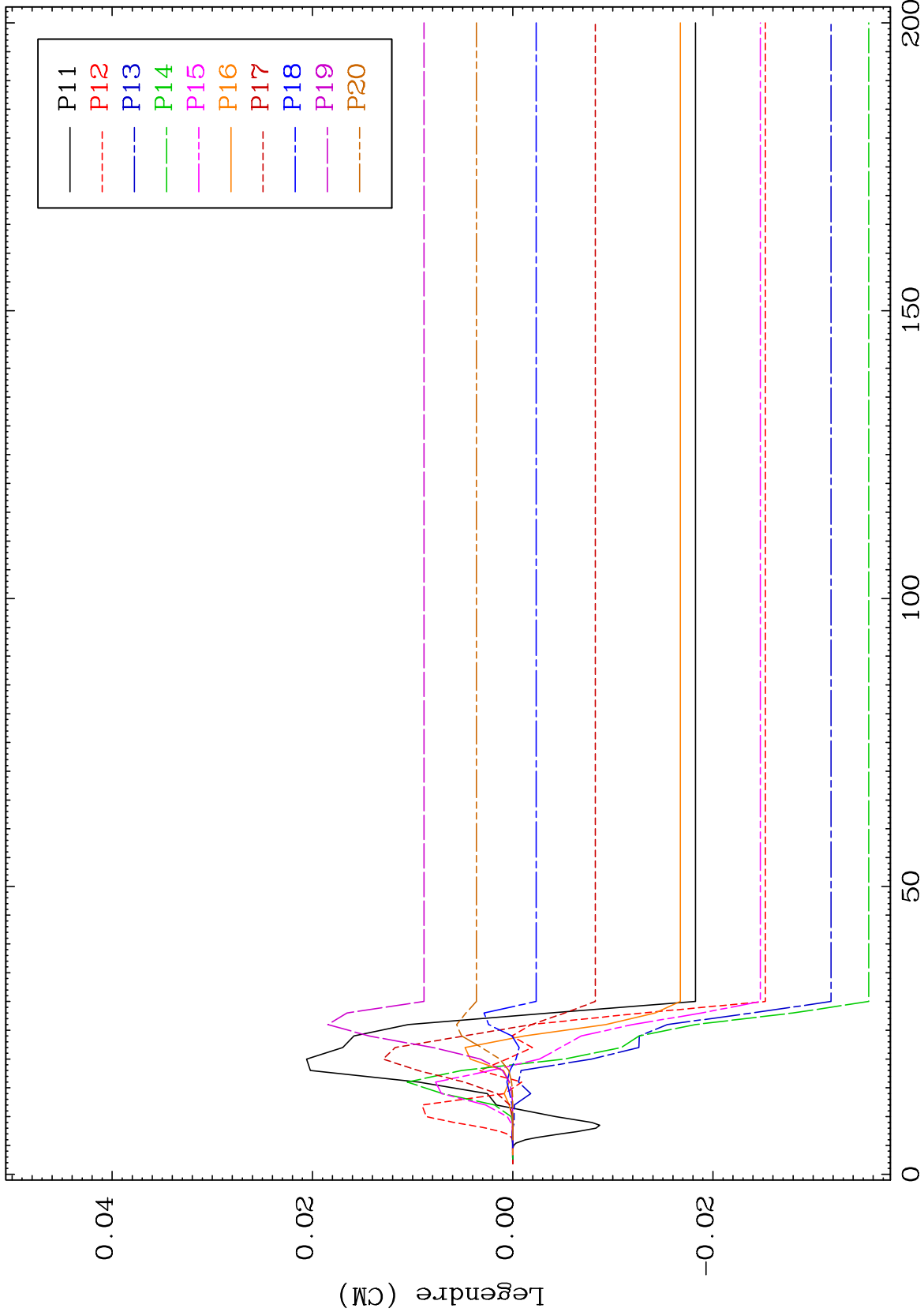


MAT 8125

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

81-T1-203

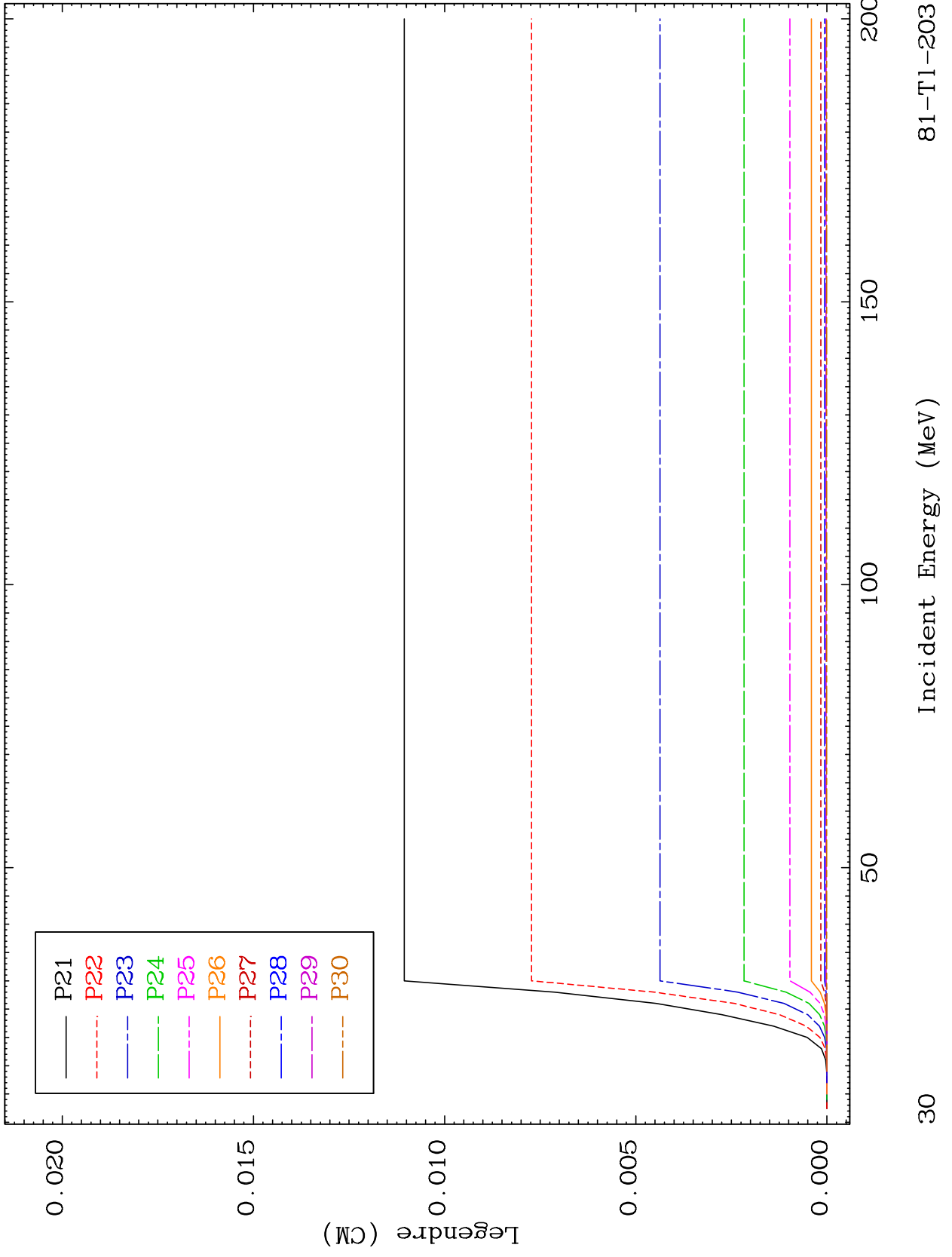




MAT 8125

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

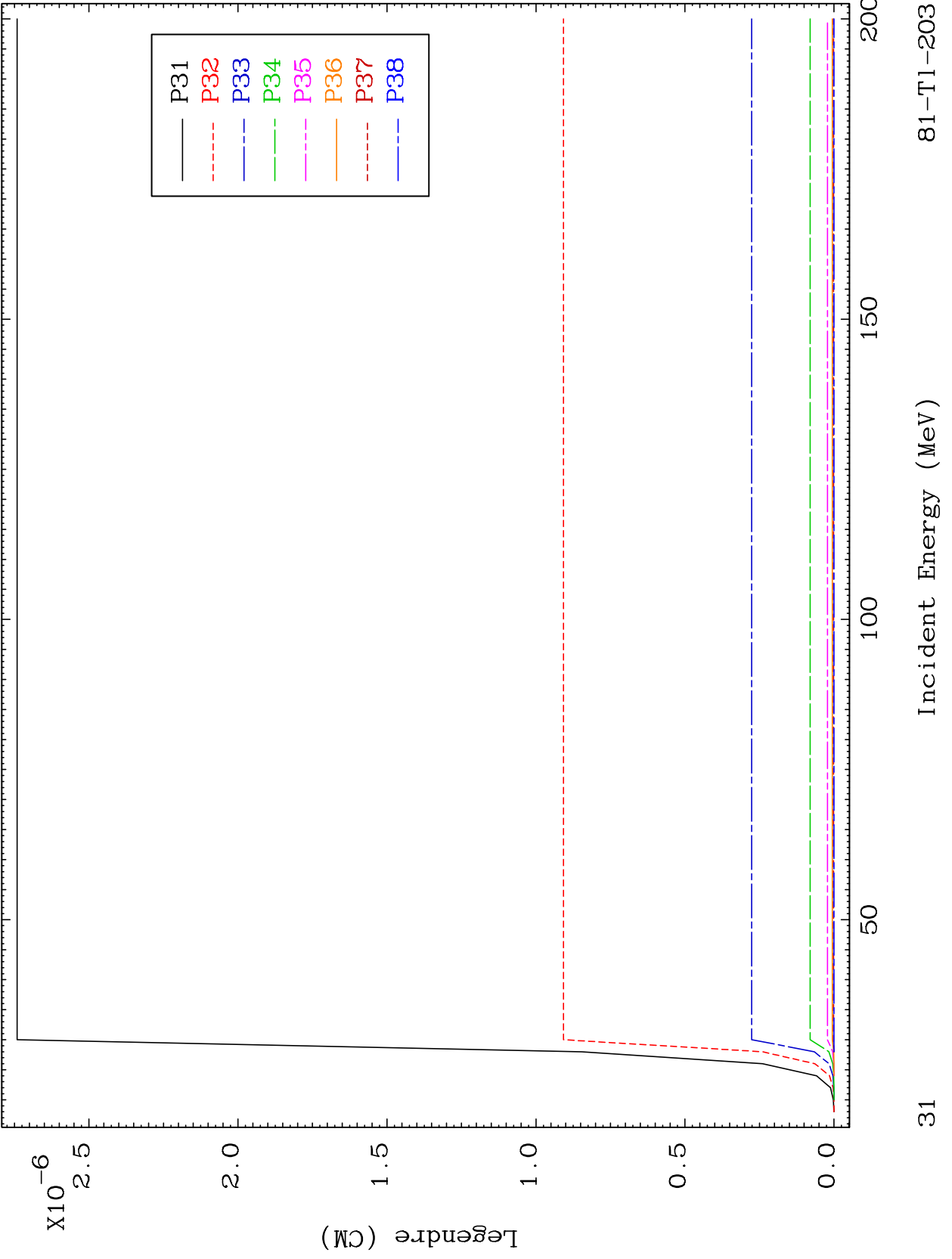
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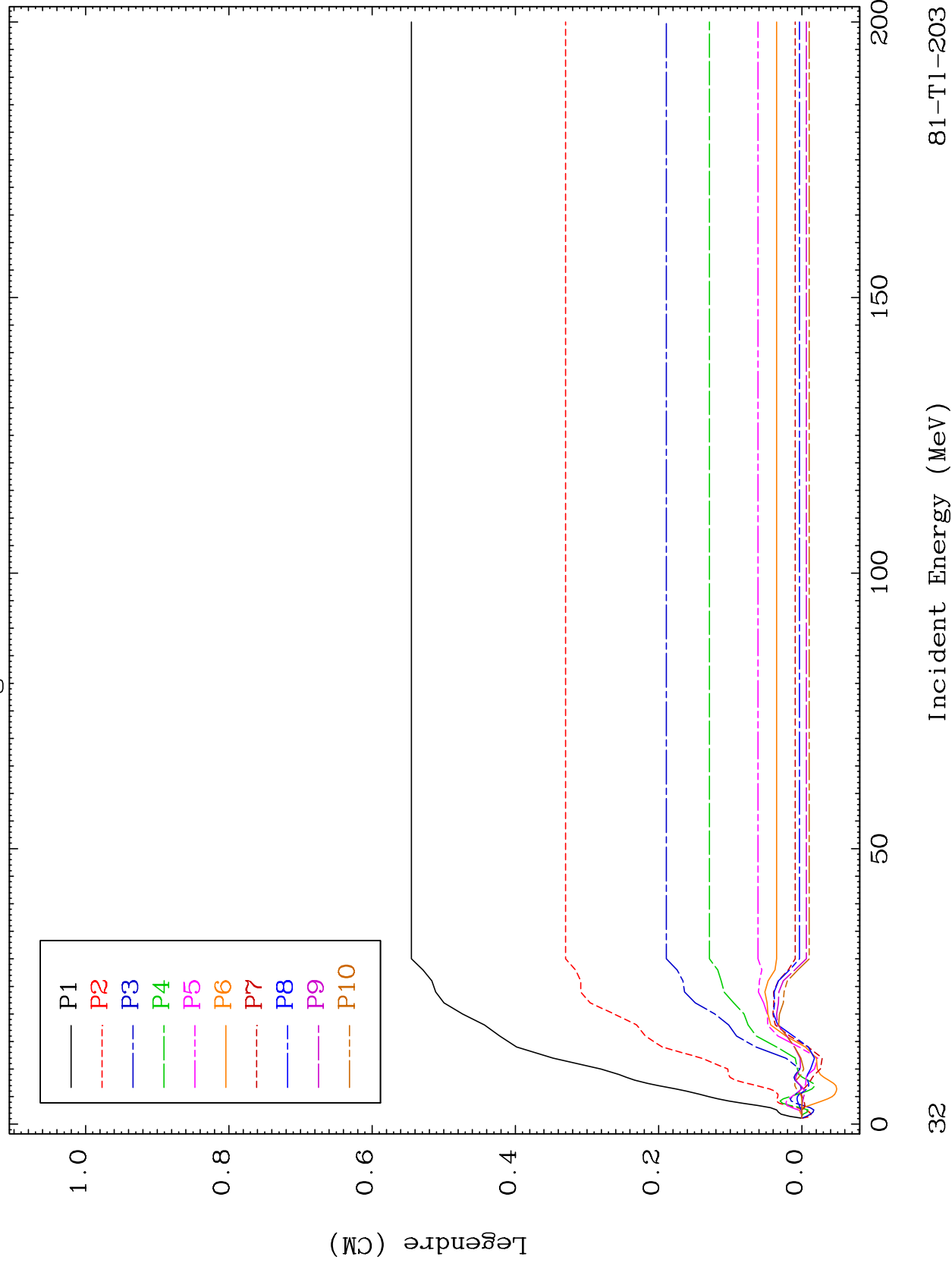


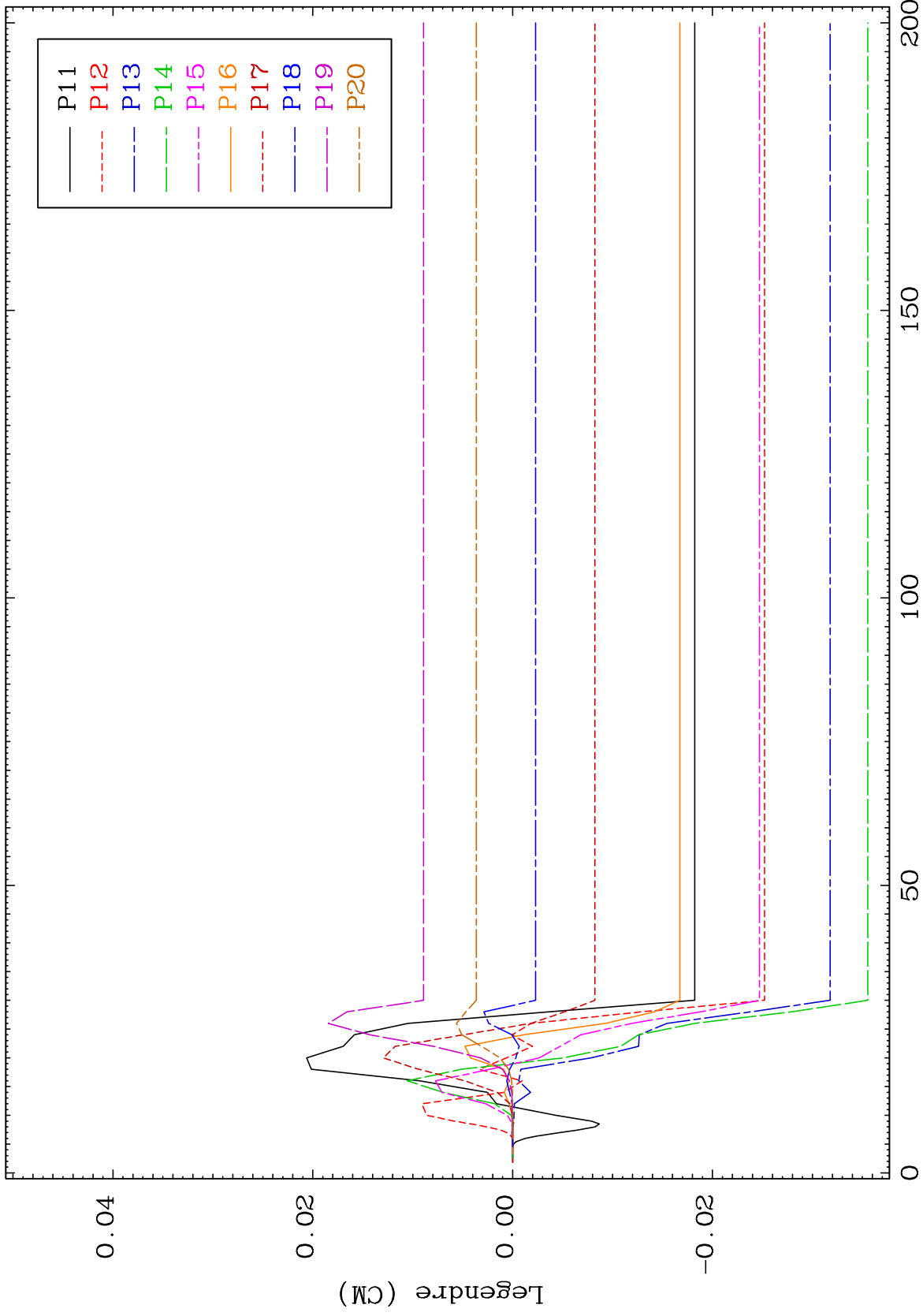
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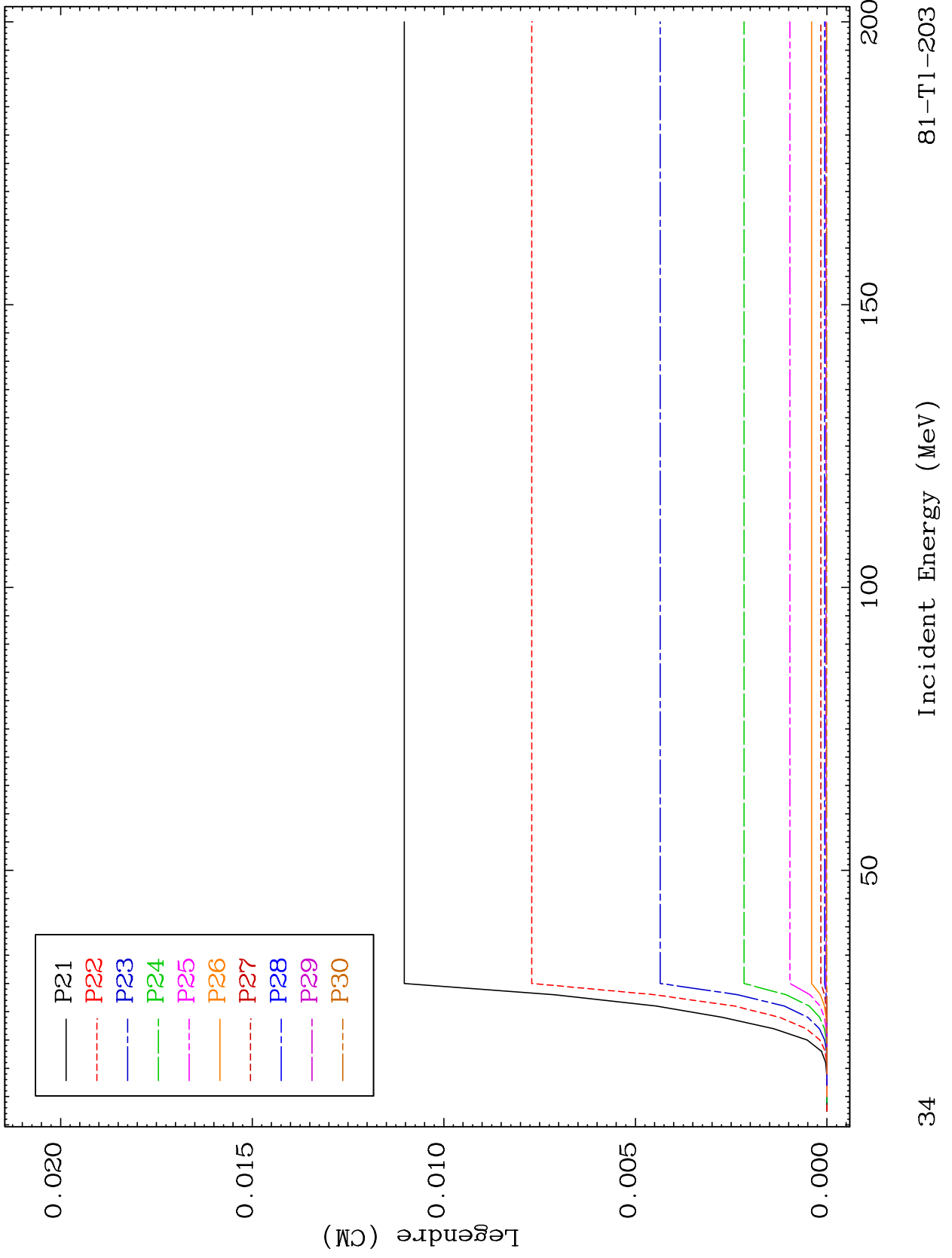
Incident Energy (MeV)

81-T1-203





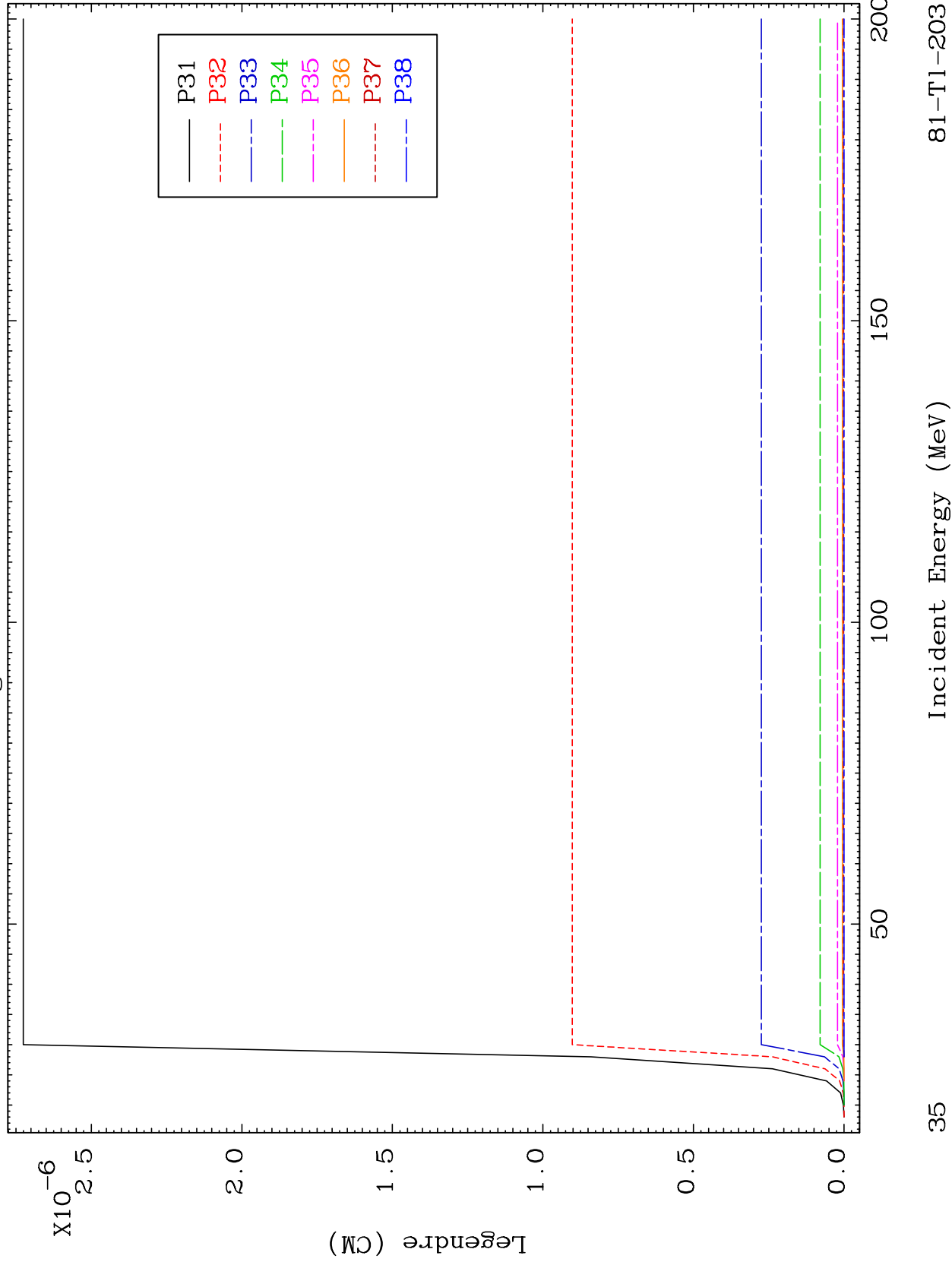




MAT 8125

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

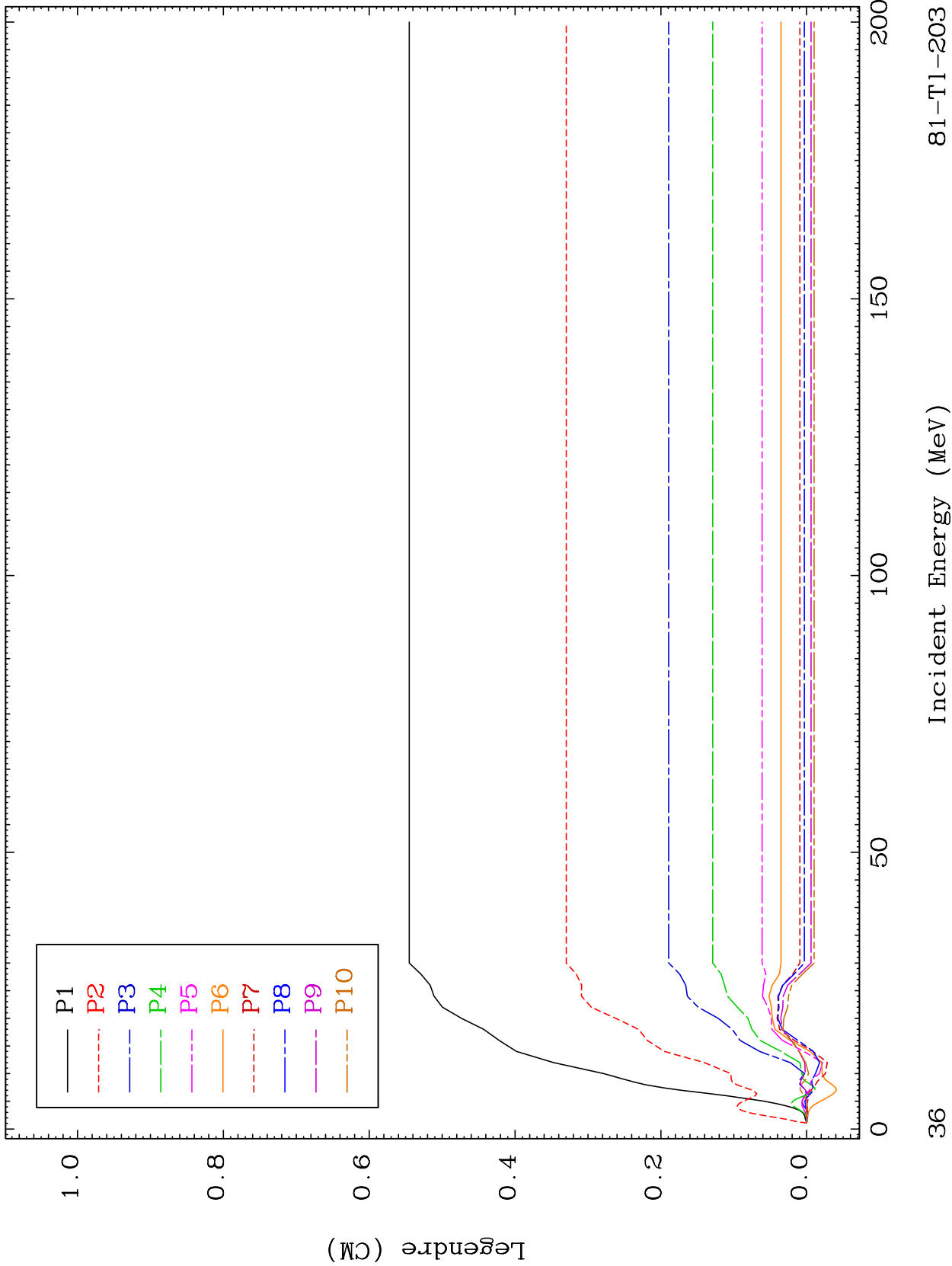
81-T1-203



81-T1-203

Incident Energy (MeV)

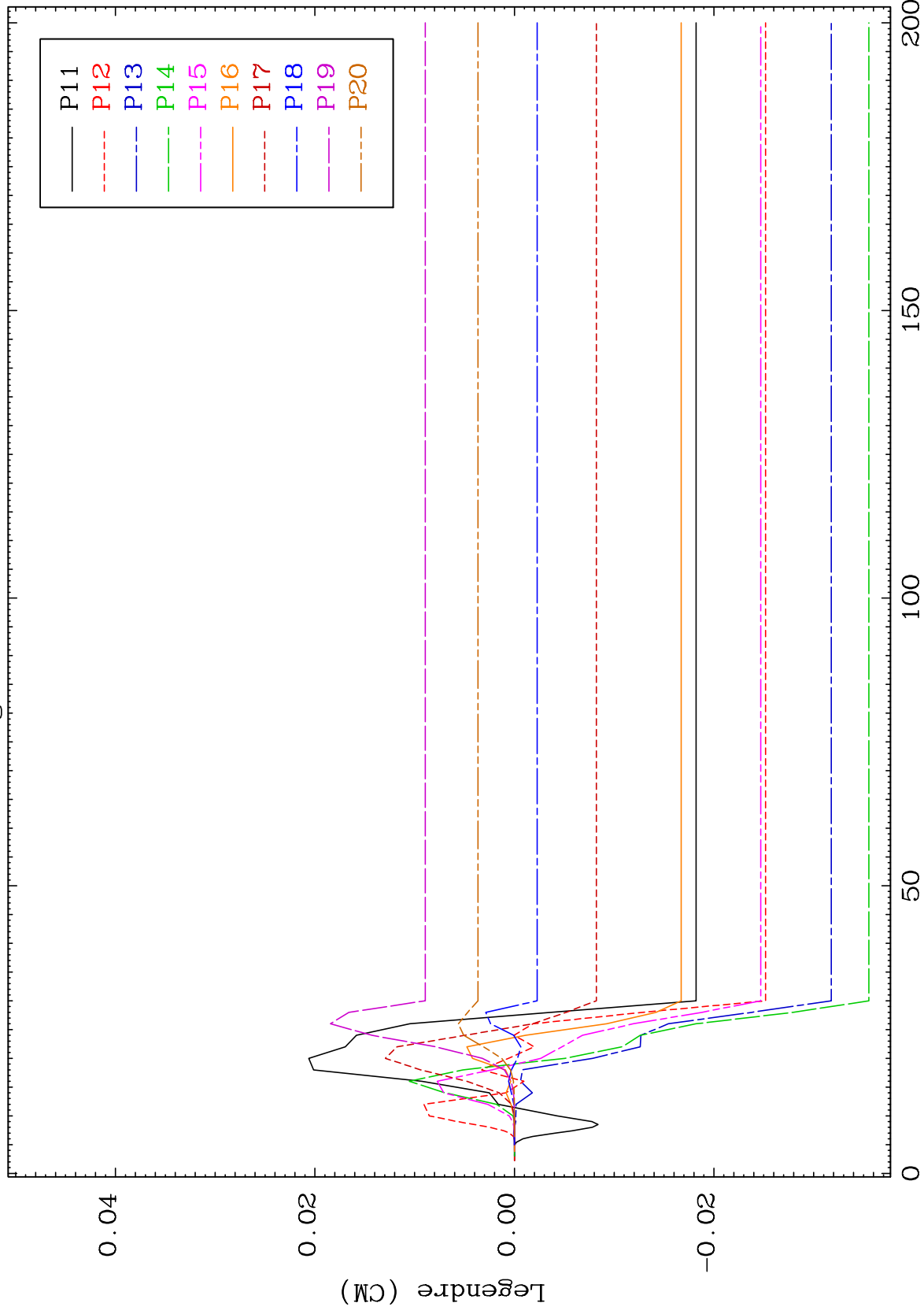
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MAT 8125

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

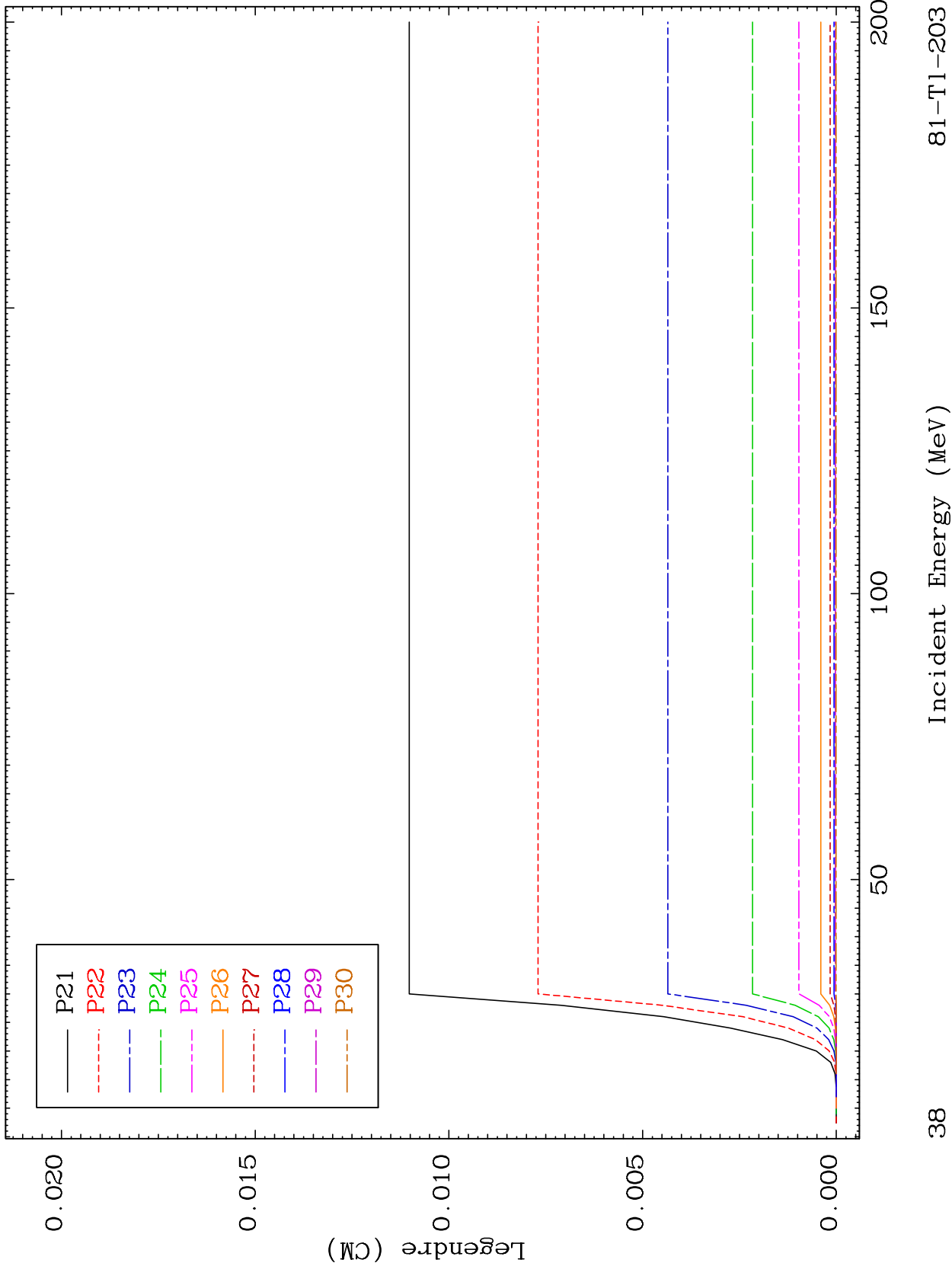
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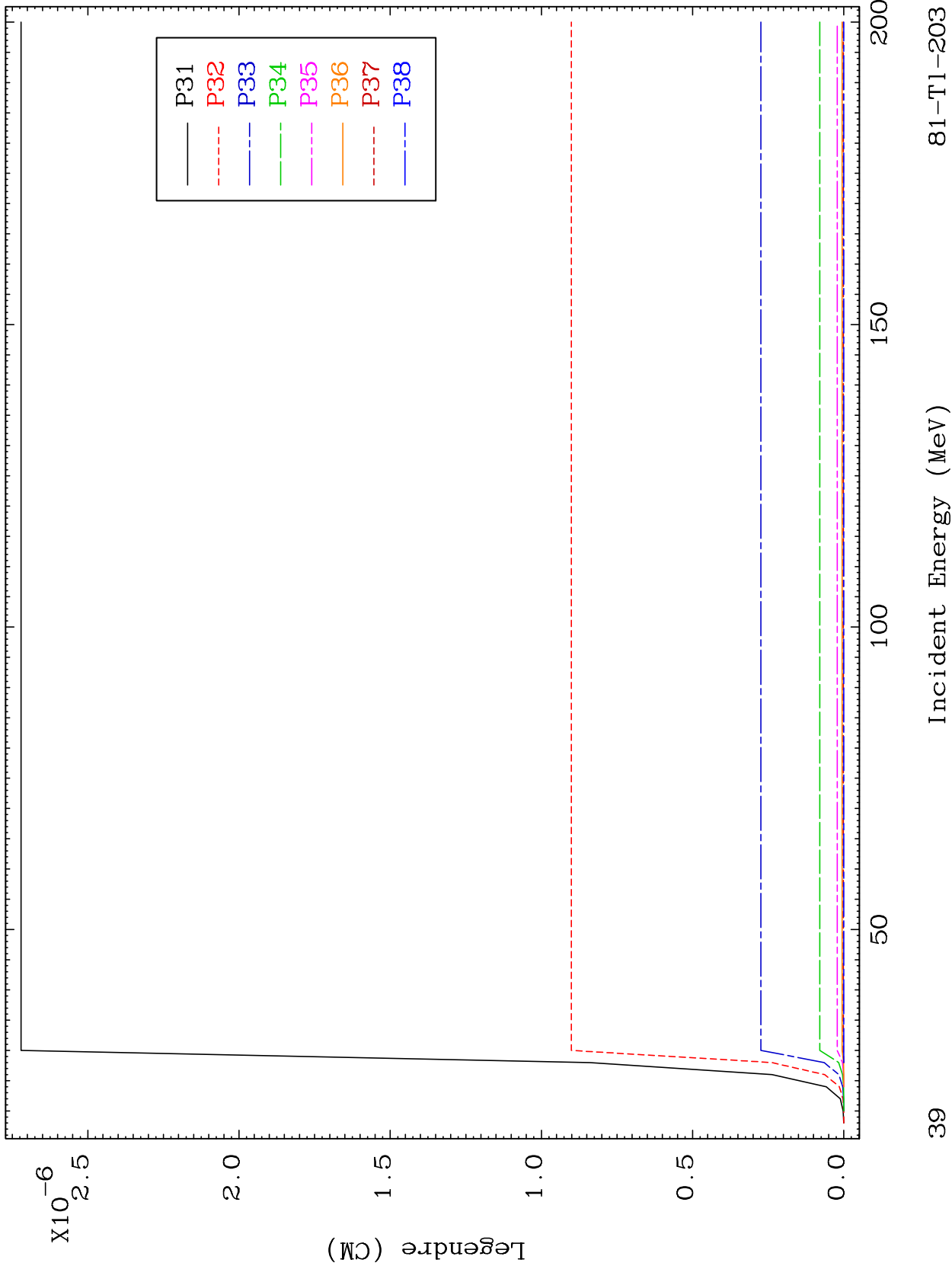


37

Incident Energy (MeV)

81-T1-203

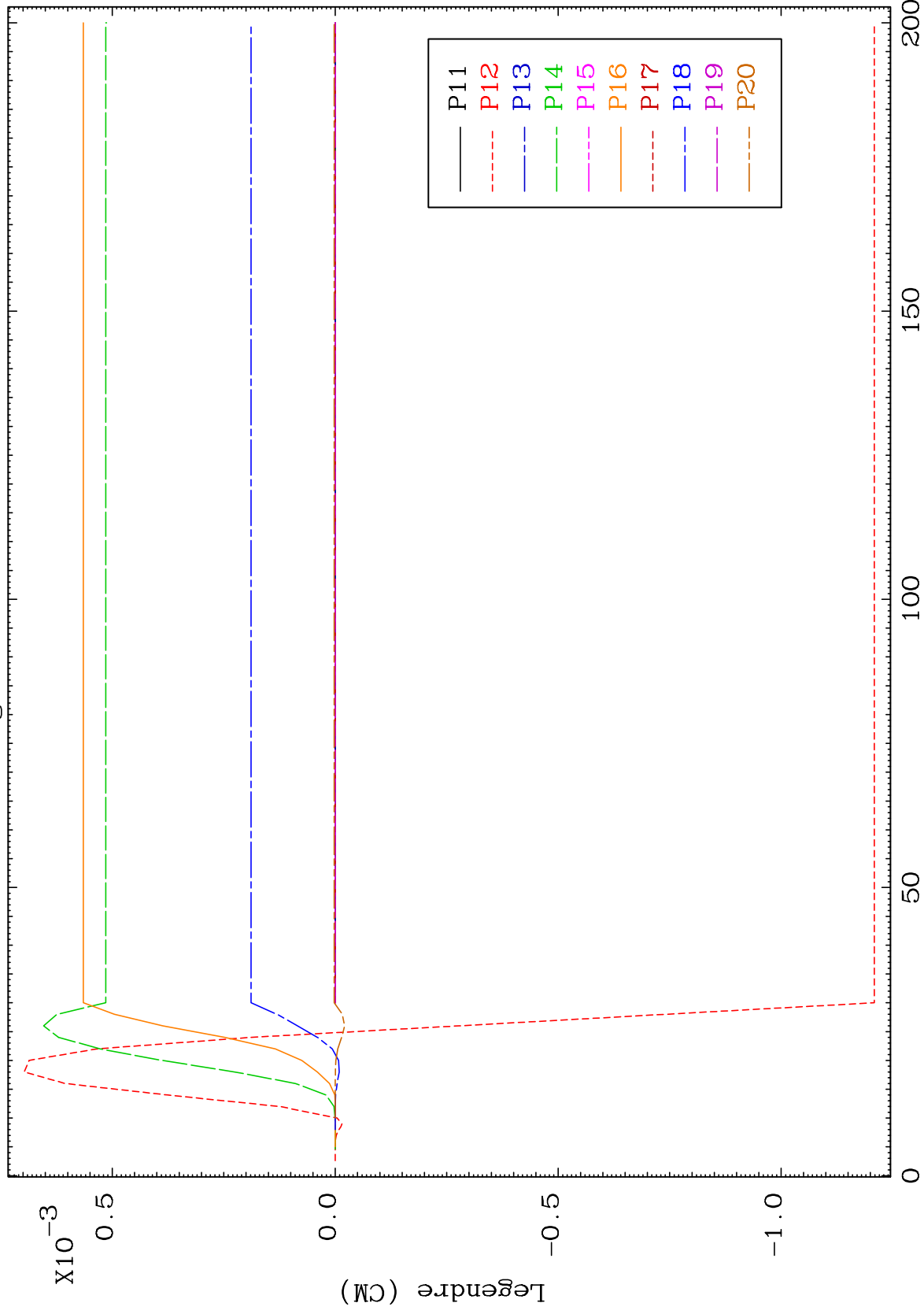




MAT 8125

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

81-T1-203



41

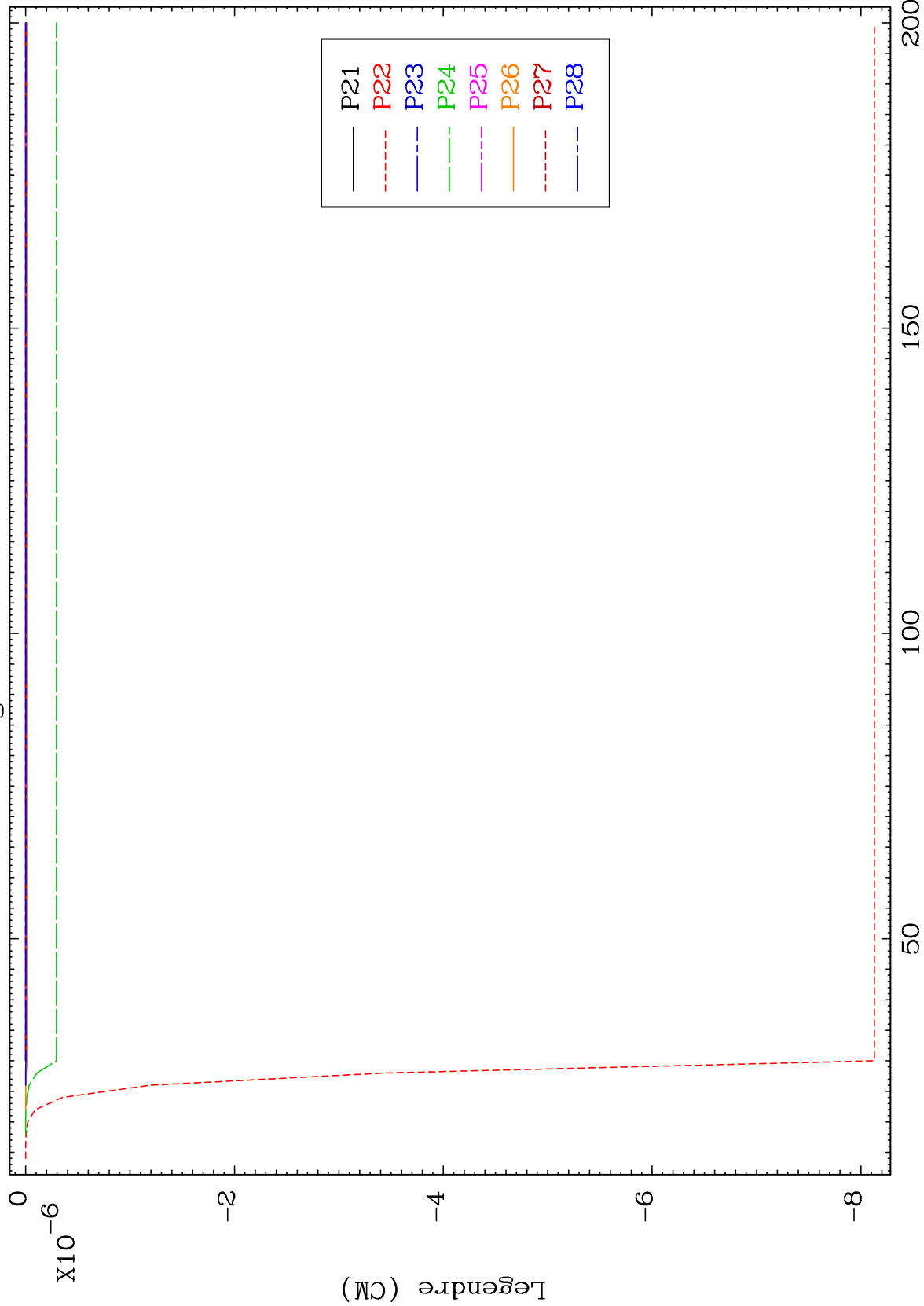
Incident Energy (MeV)

81-T1-203

MAT 8125

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

81-T1-203



42

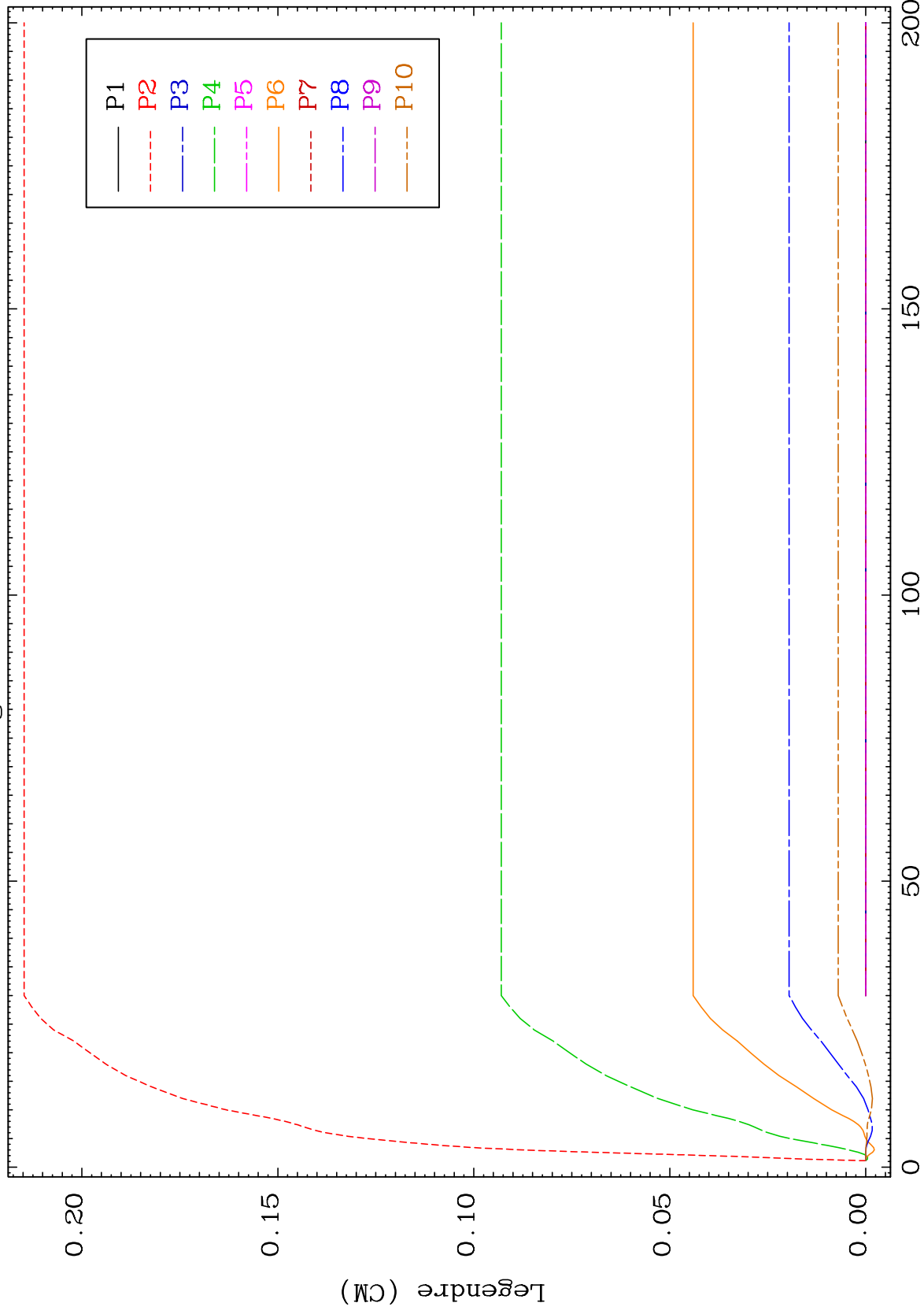
Incident Energy (MeV)

81-T1-203

MAT 8125

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

81-T1-203



43

Incident Energy (MeV)

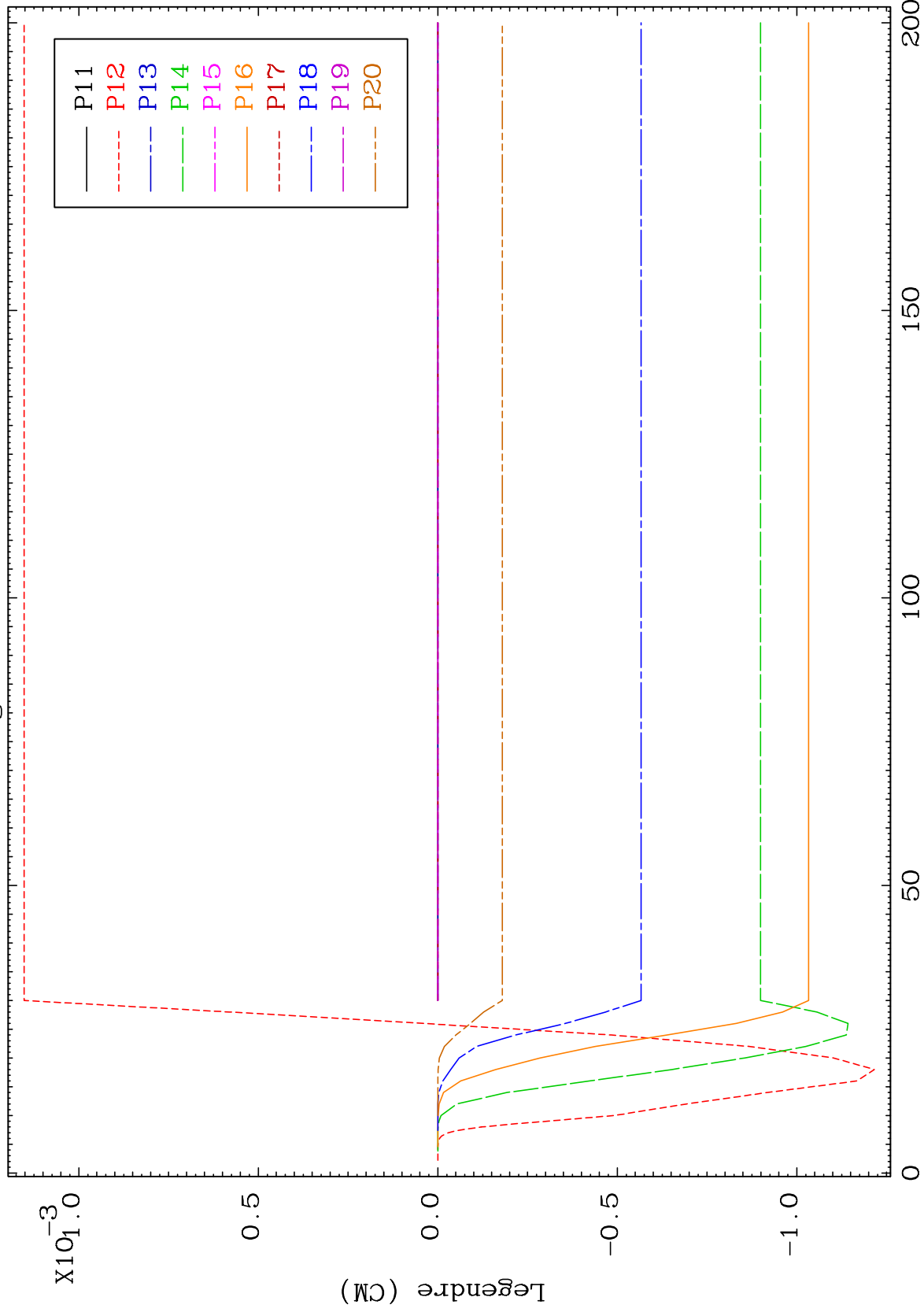
81-T1-203

MAT 8125

MT= 57 (n,n') Level

81-T1-203

Legendre Coefficients



44

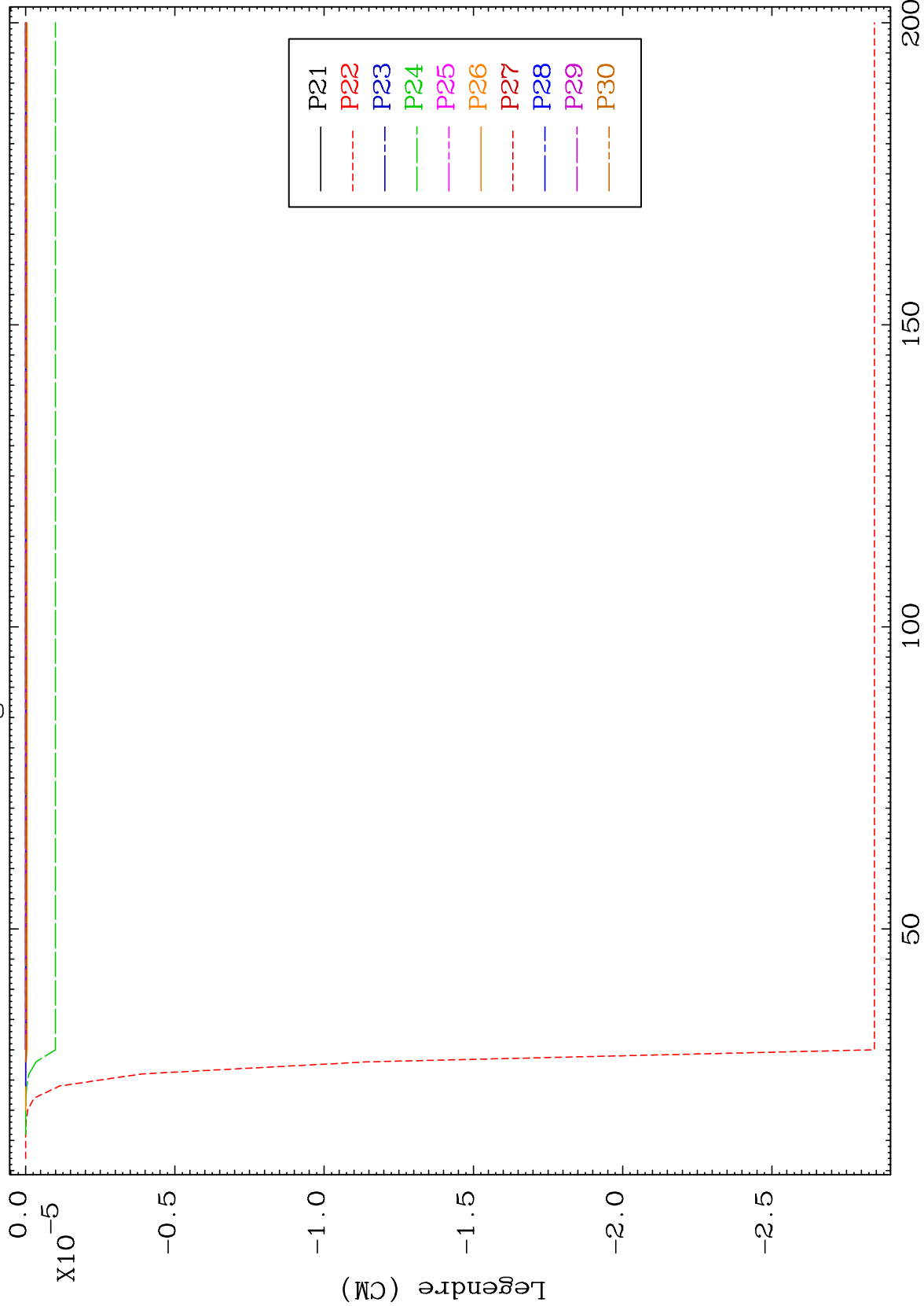
Incident Energy (MeV)

81-T1-203

MAT 8125

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

81-T1-203



45

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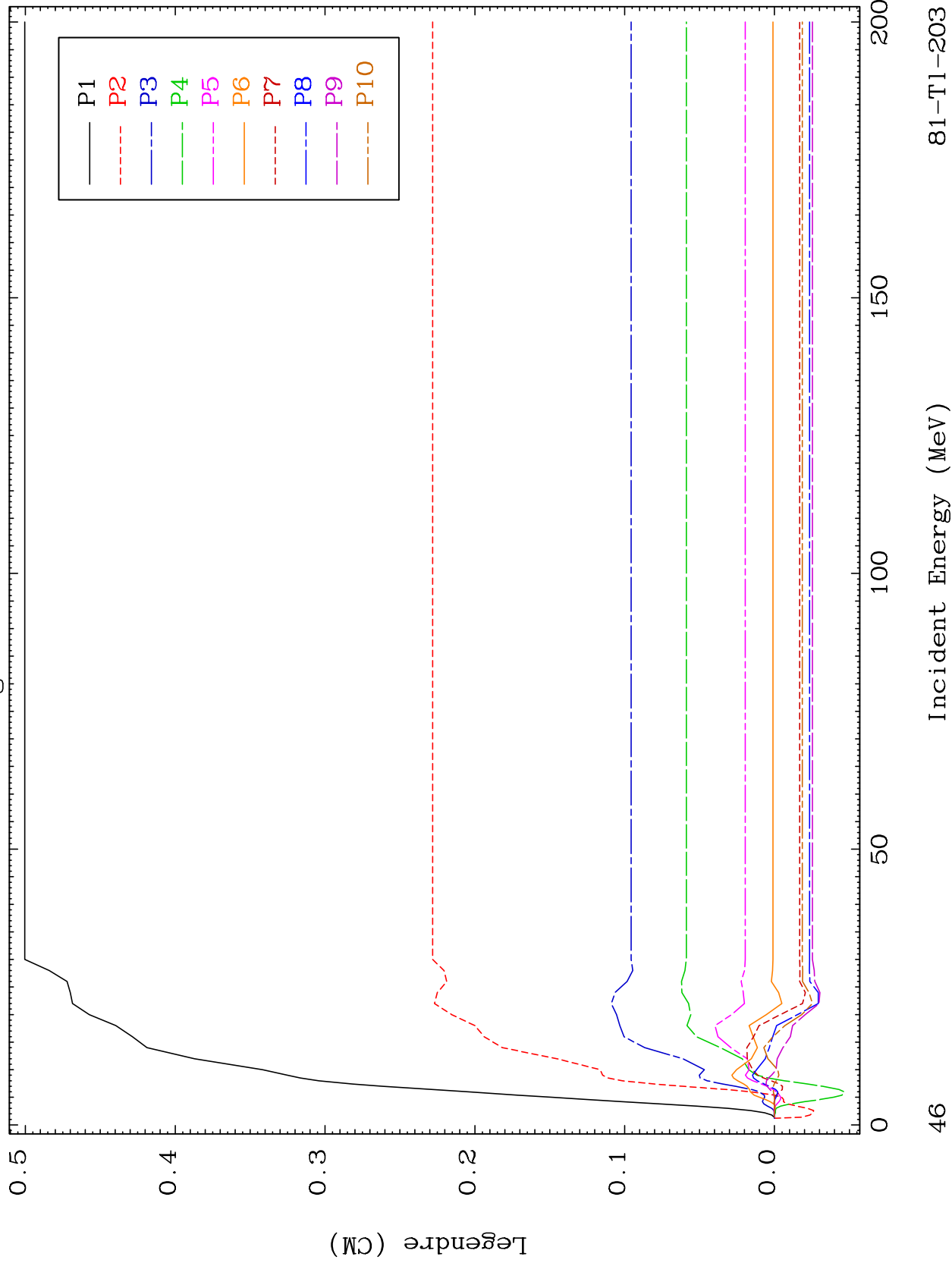
81-T1-203

MAT 8125

MT= 58 (n,n') Level

81-T1-203

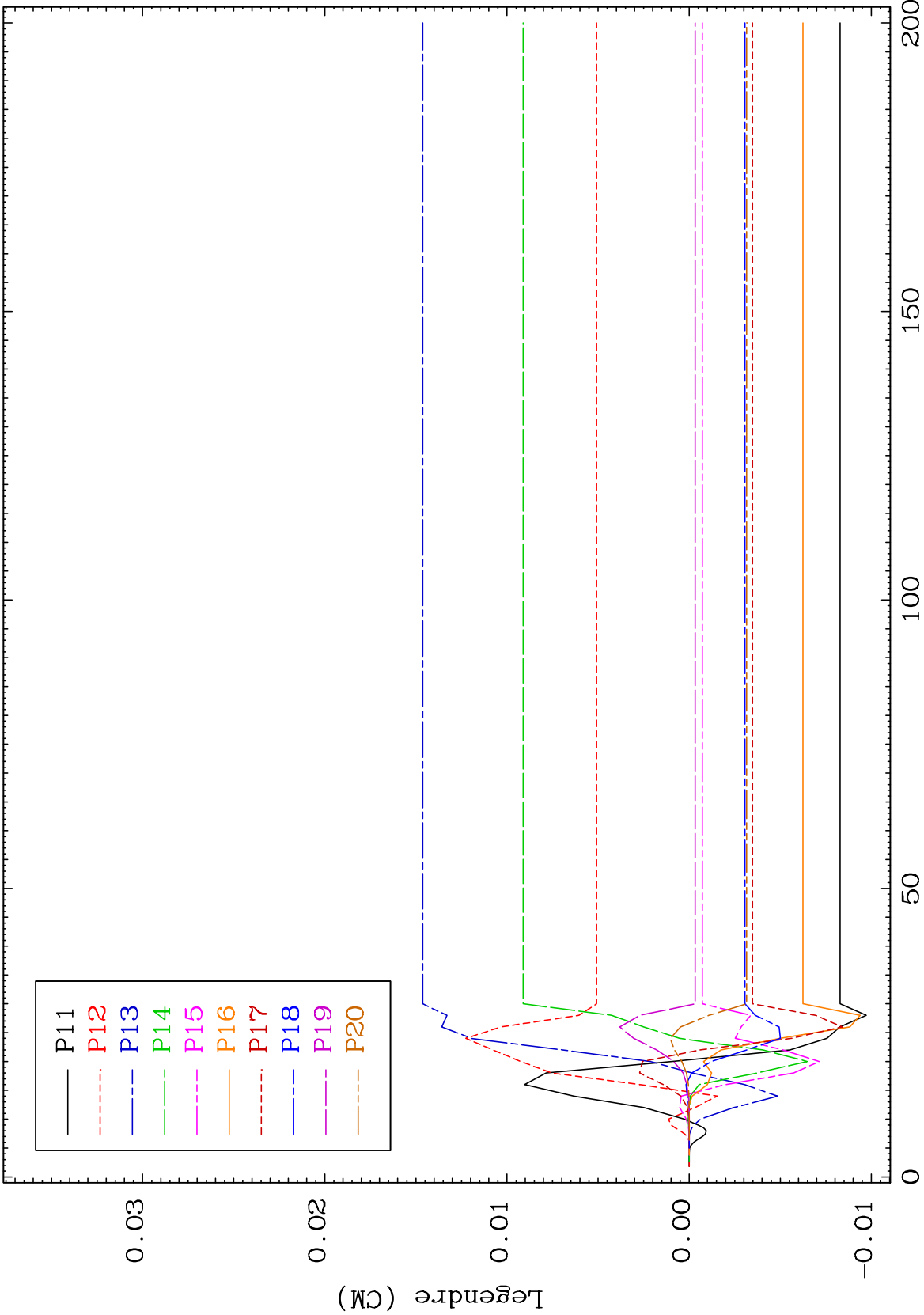
Legendre Coefficients



MAT 8125

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

81-T1-203



47

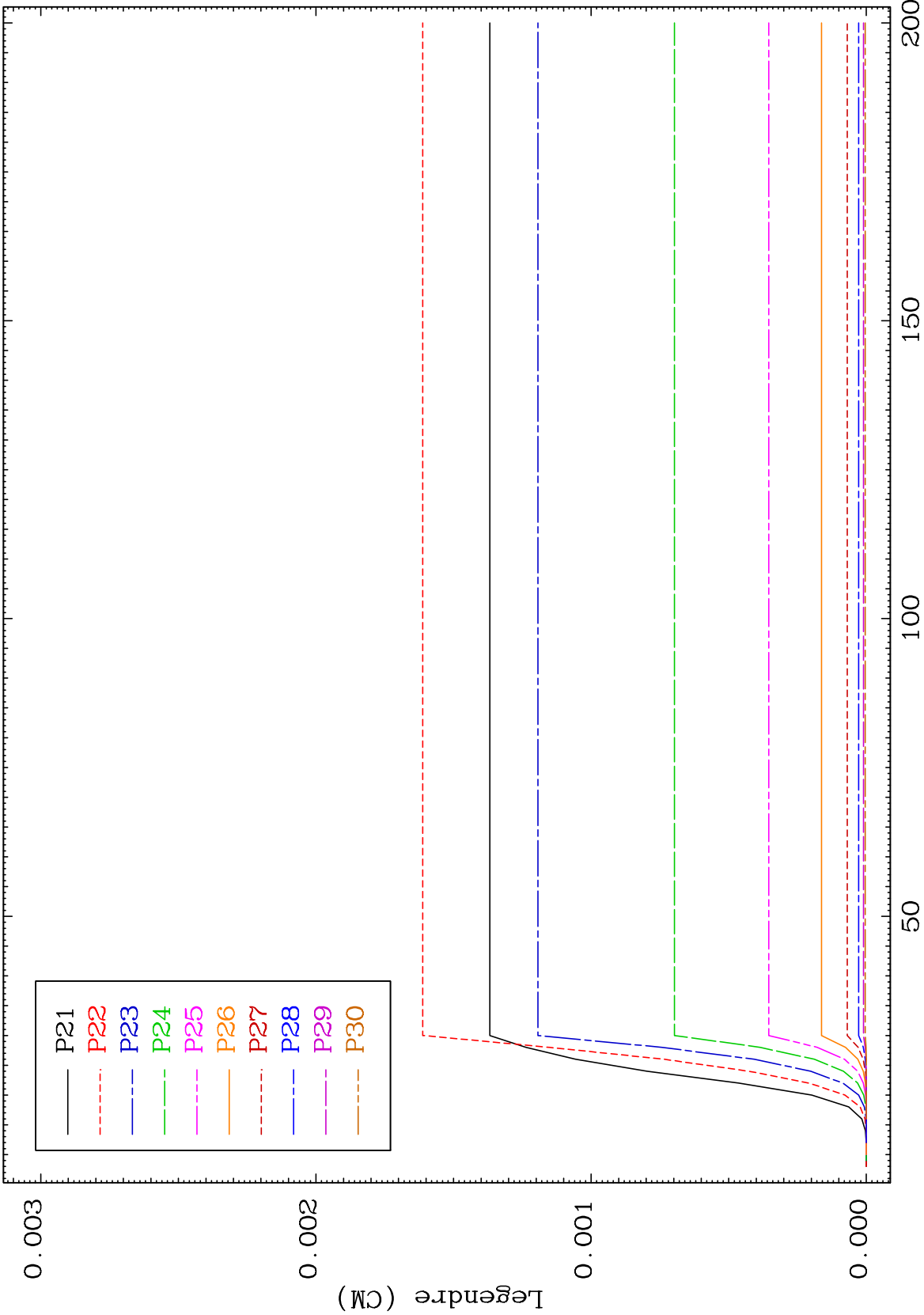
Incident Energy (MeV)

81-T1-203

MAT 8125

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

81-T1-203



48

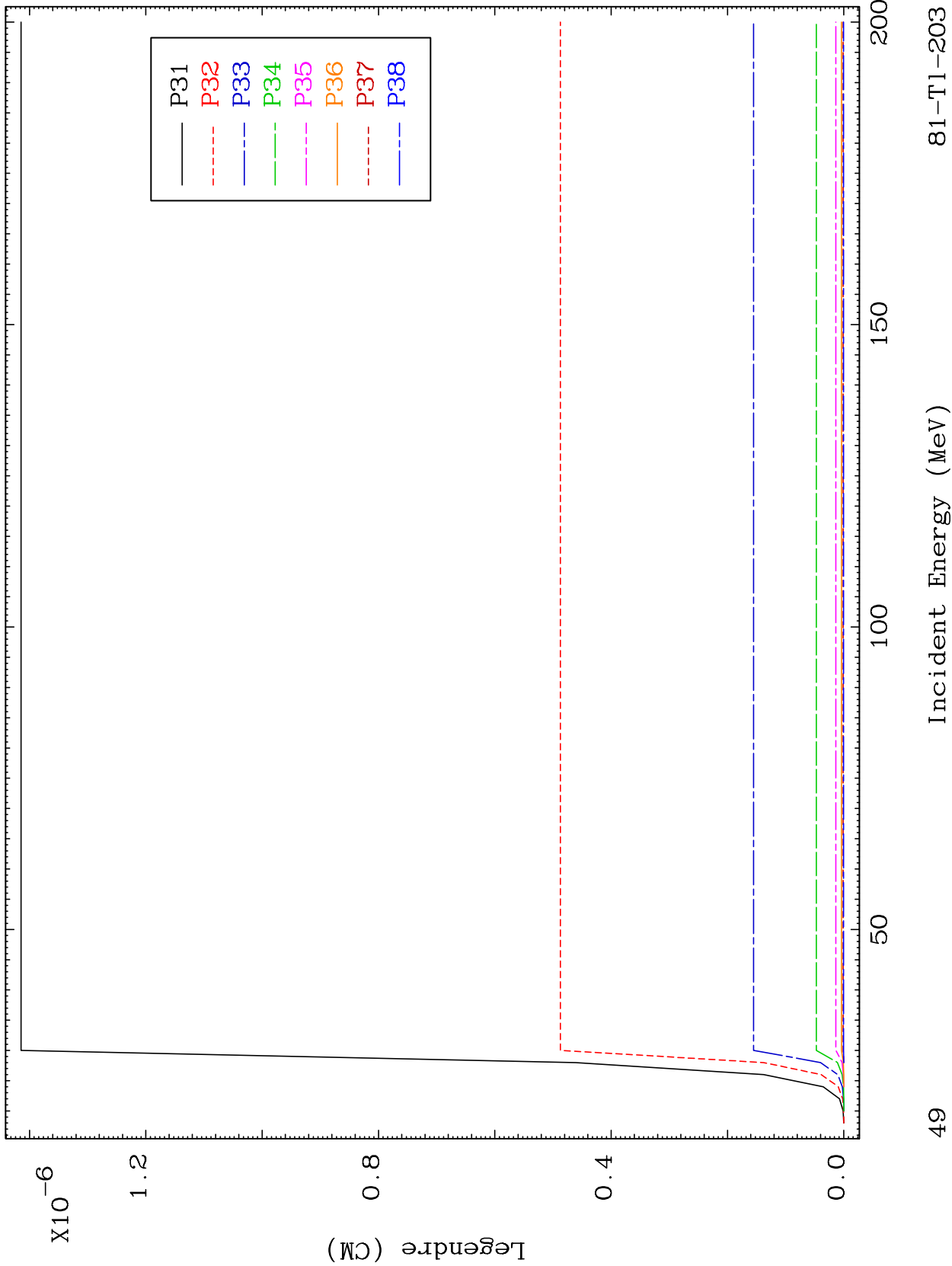
Incident Energy (MeV)

81-T1-203

MAT 8125

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

81-T1-203



49

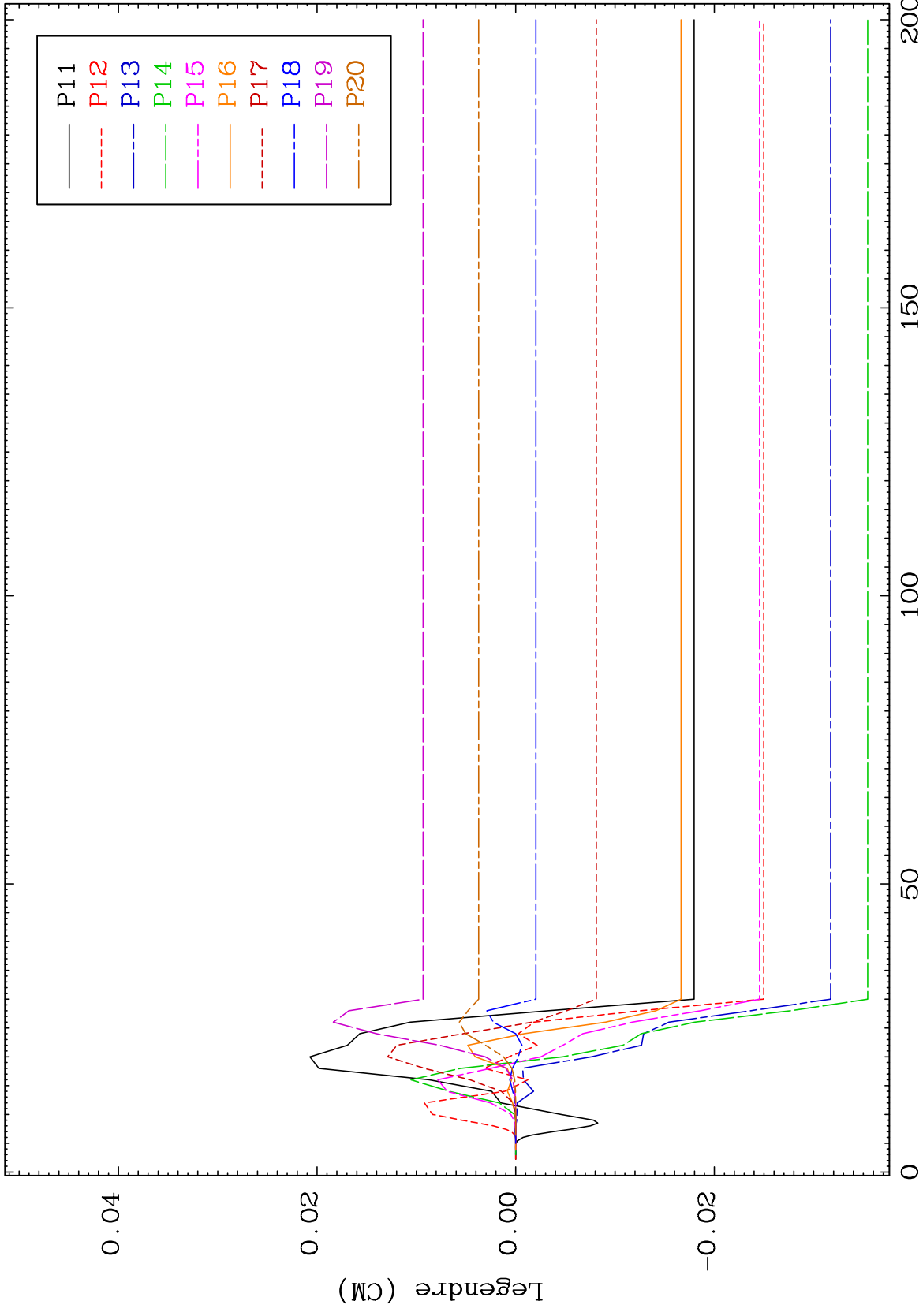
Incident Energy (MeV)

81-T1-203

MAT 8125

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

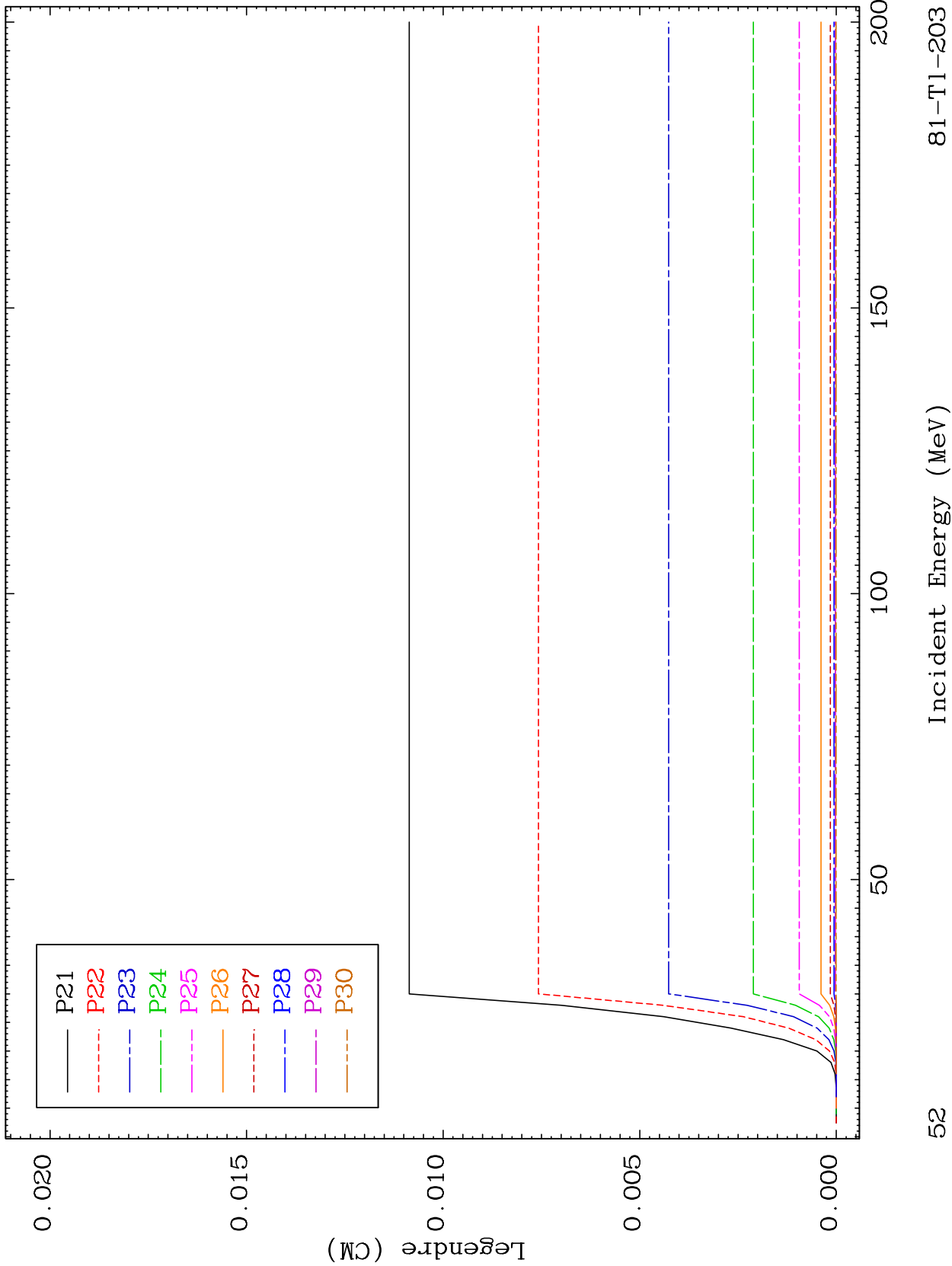
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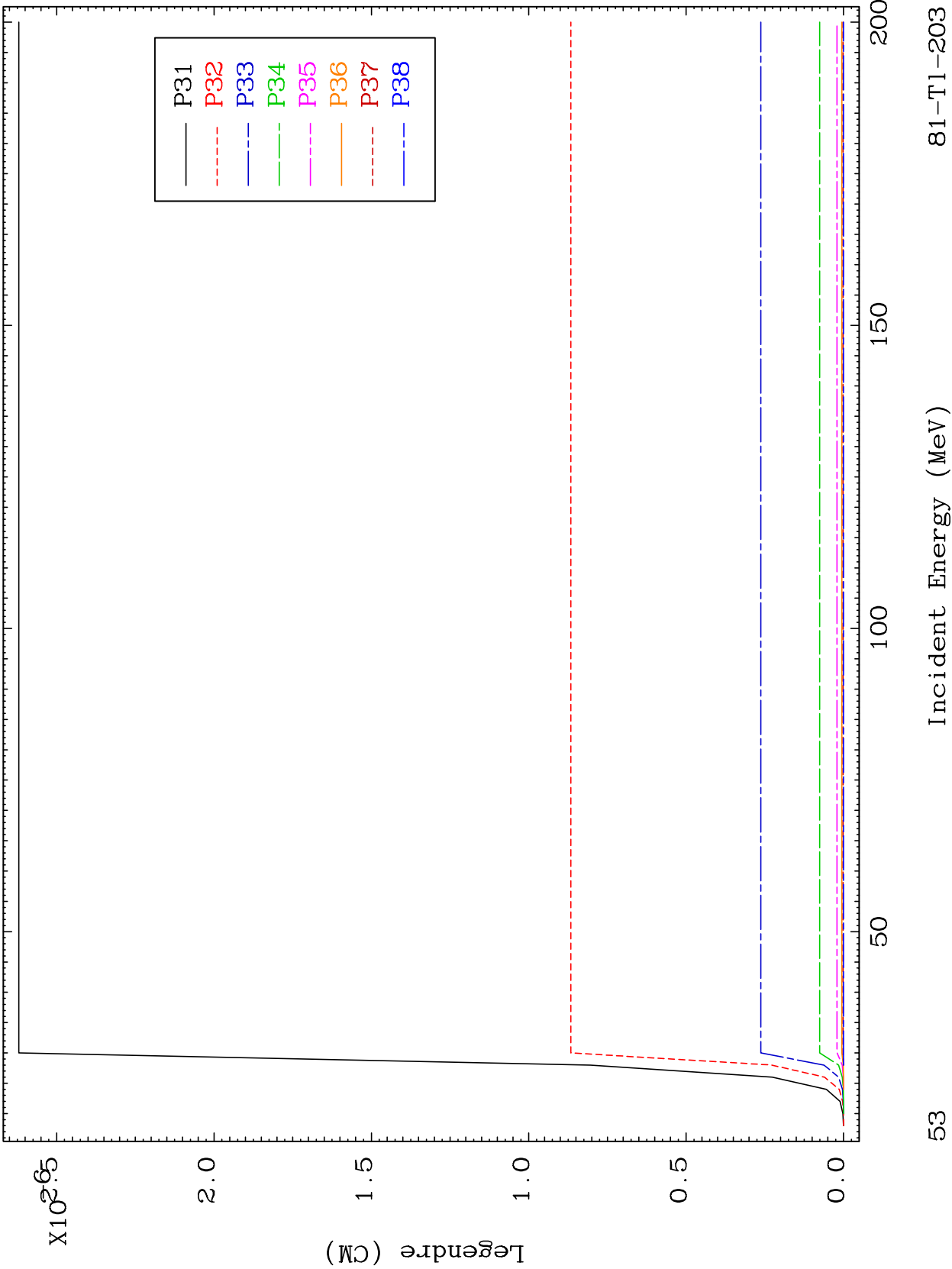


51

Incident Energy (MeV)

81-T1-203

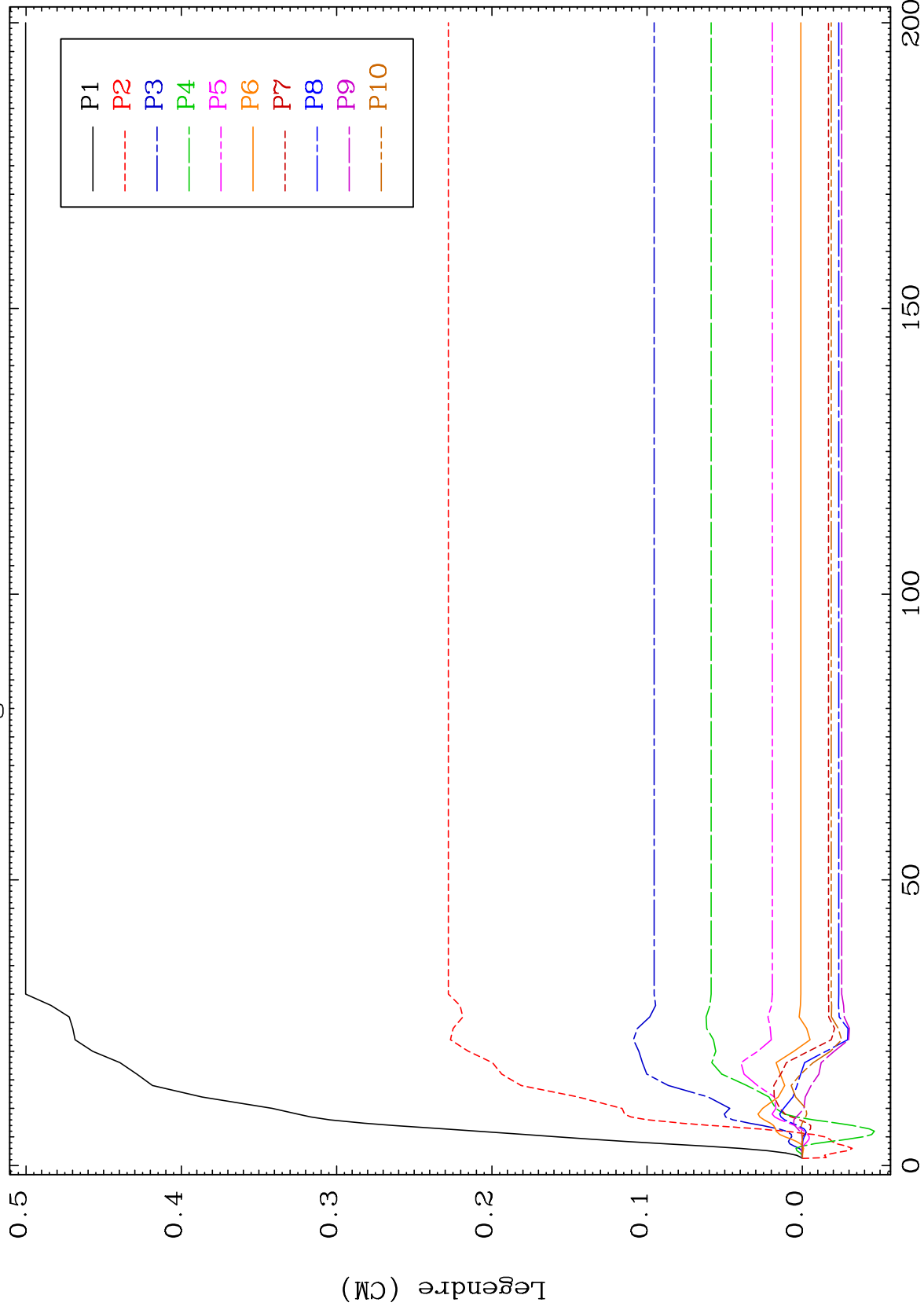




MAT 8125

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

81-T1-203



54

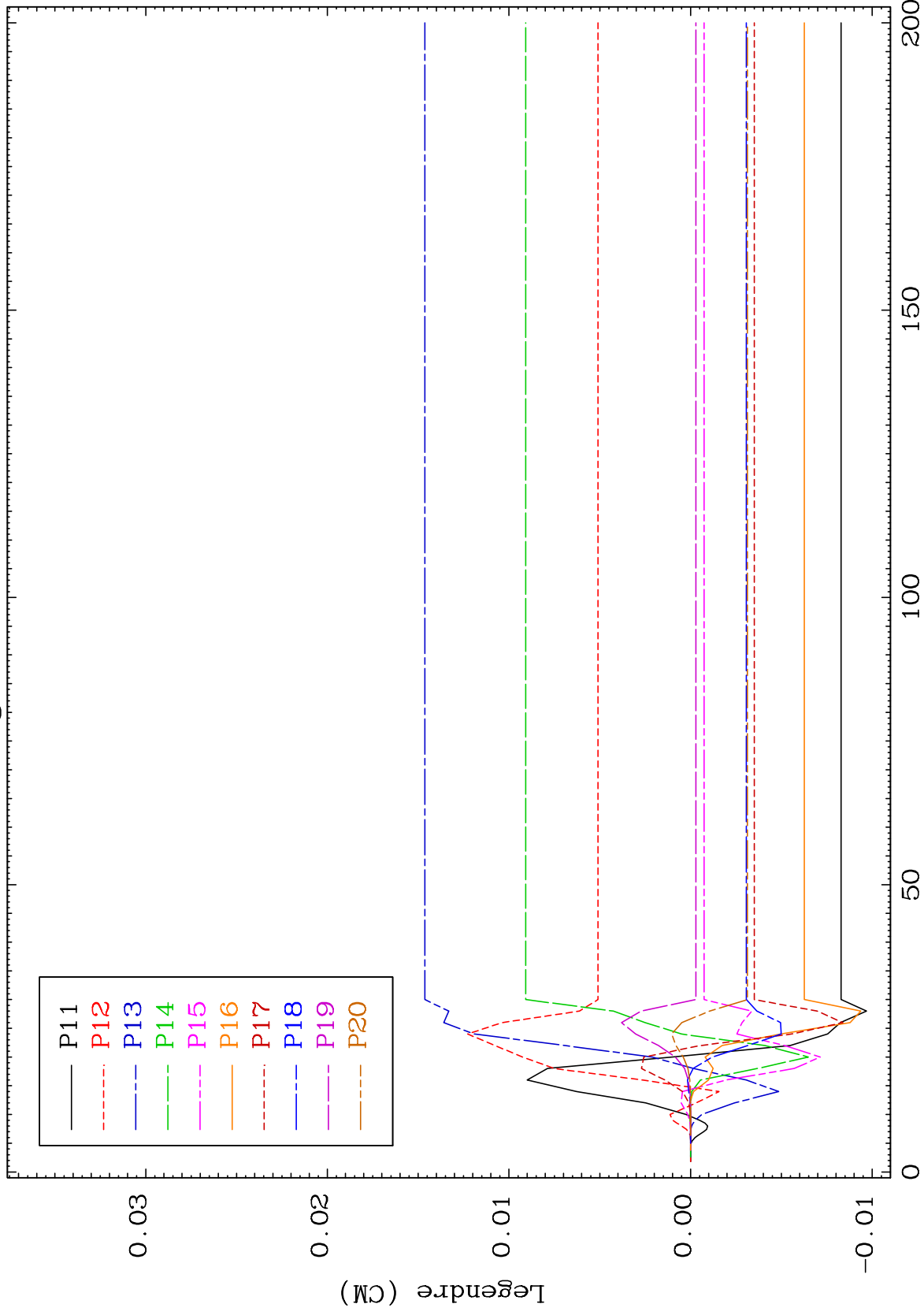
Incident Energy (MeV)

81-T1-203

MAT 8125

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

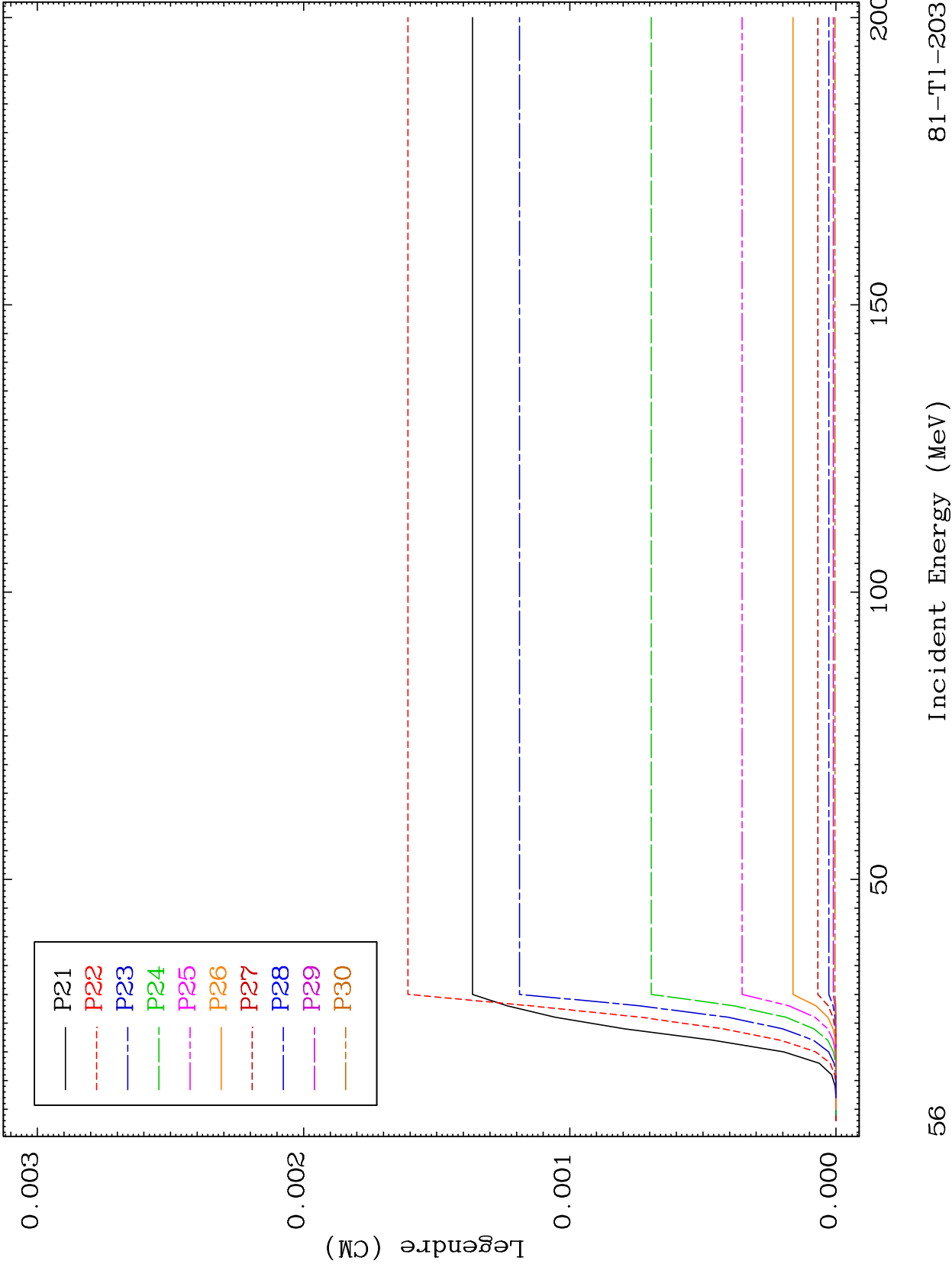
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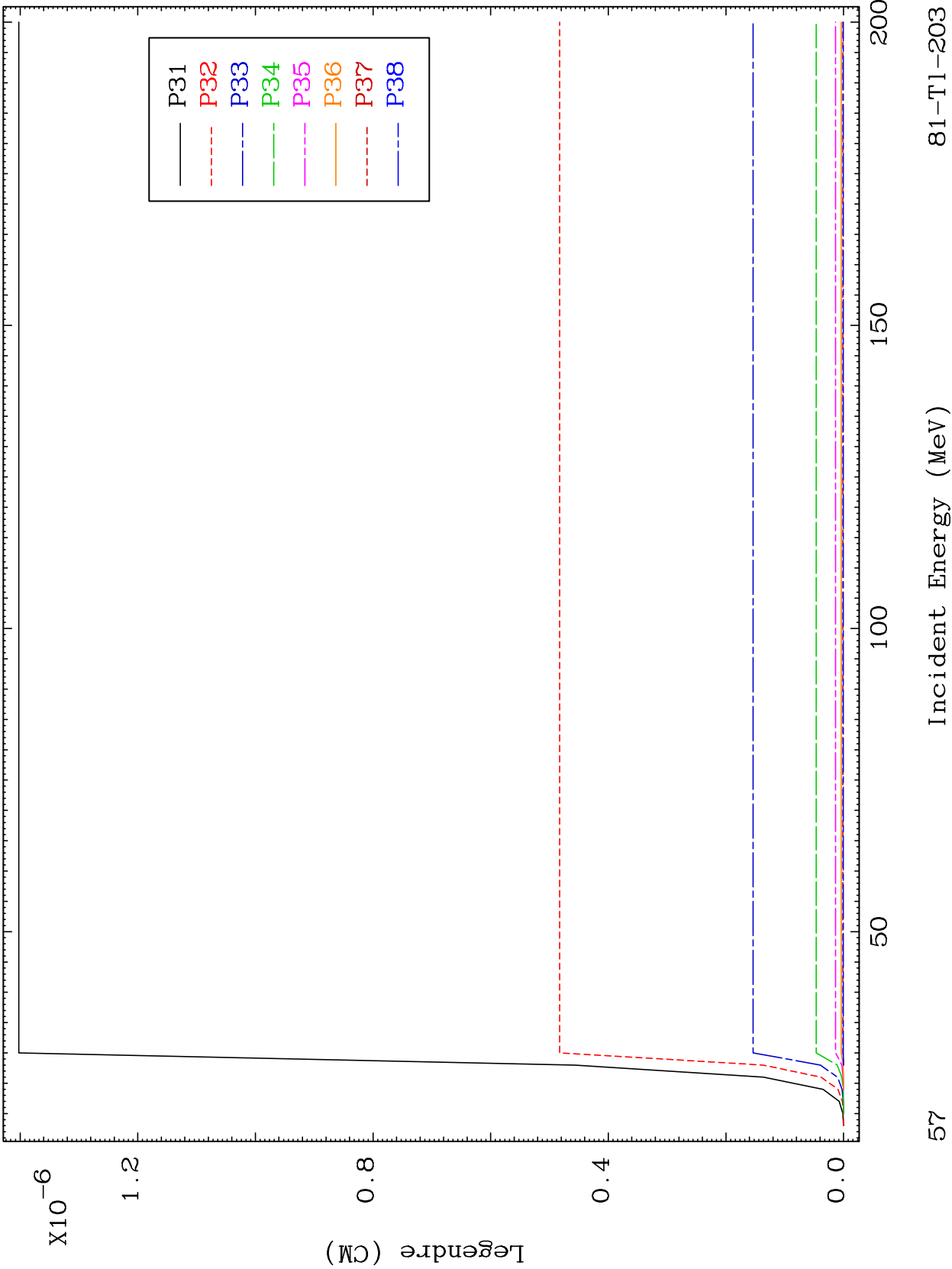


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Incident Energy (MeV)

81-T1-203

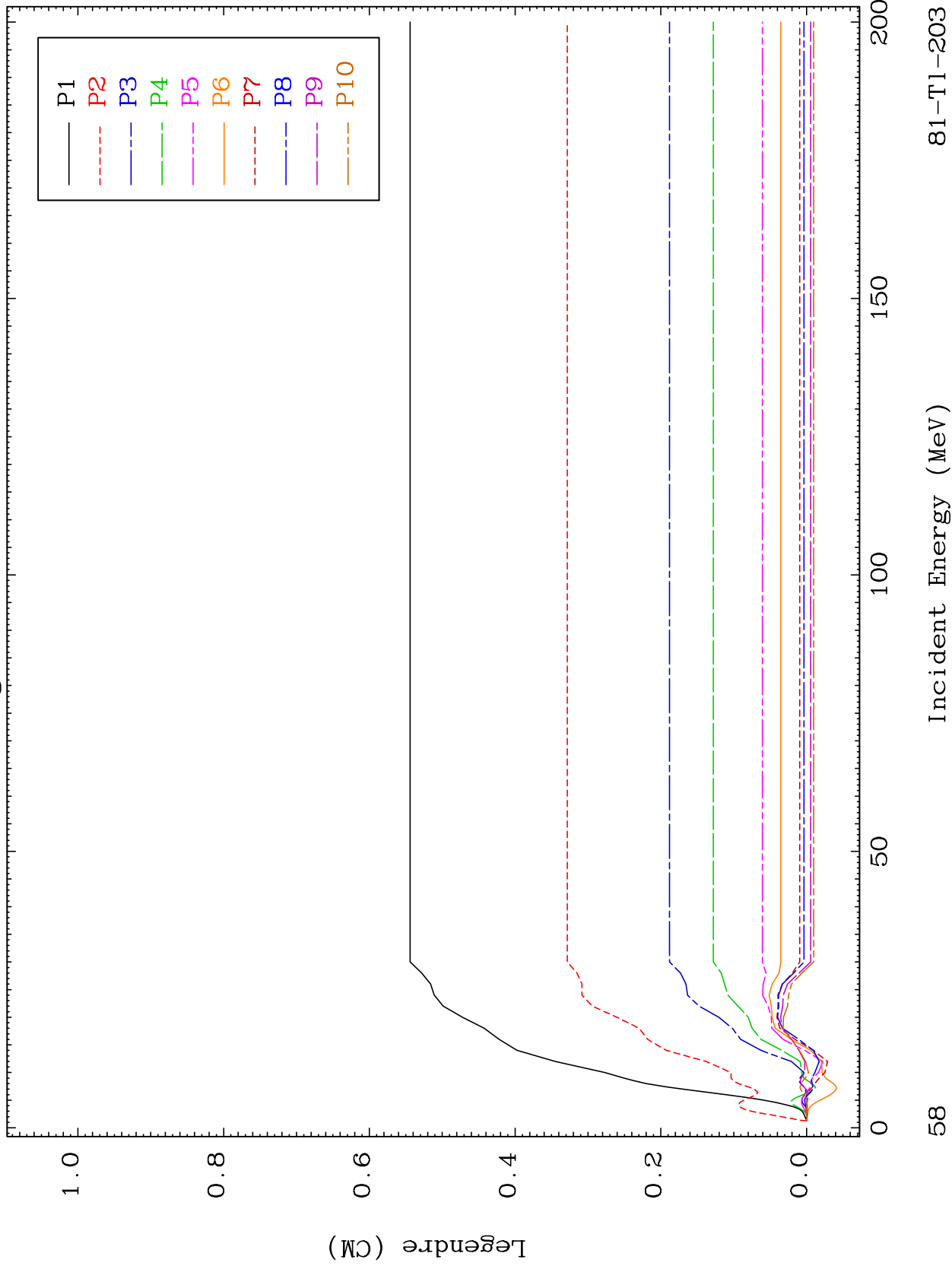




MAT 8125

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

81-T1-203



58

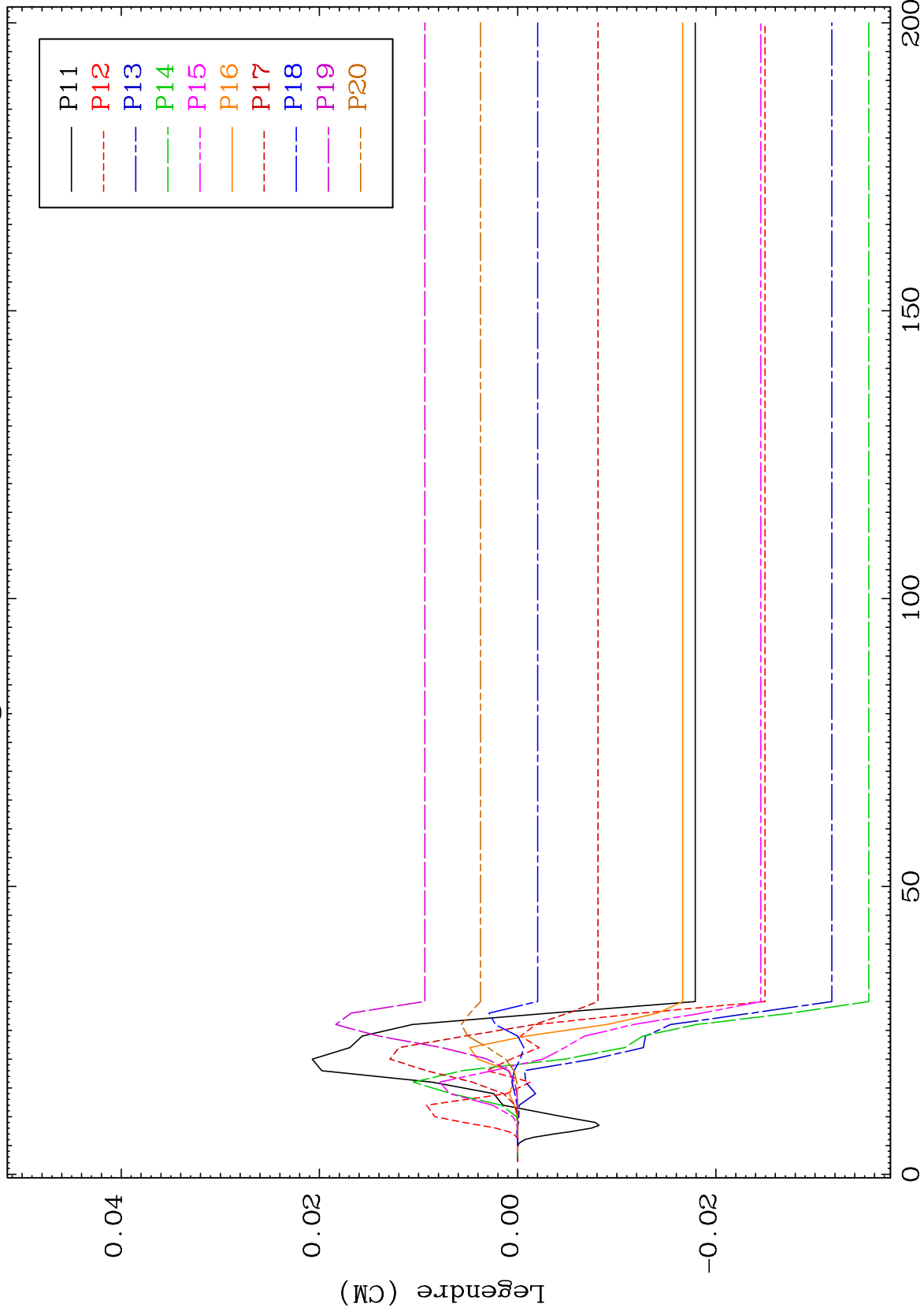
Incident Energy (MeV)

81-T1-203

MAT 8125

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

81-T1-203



59

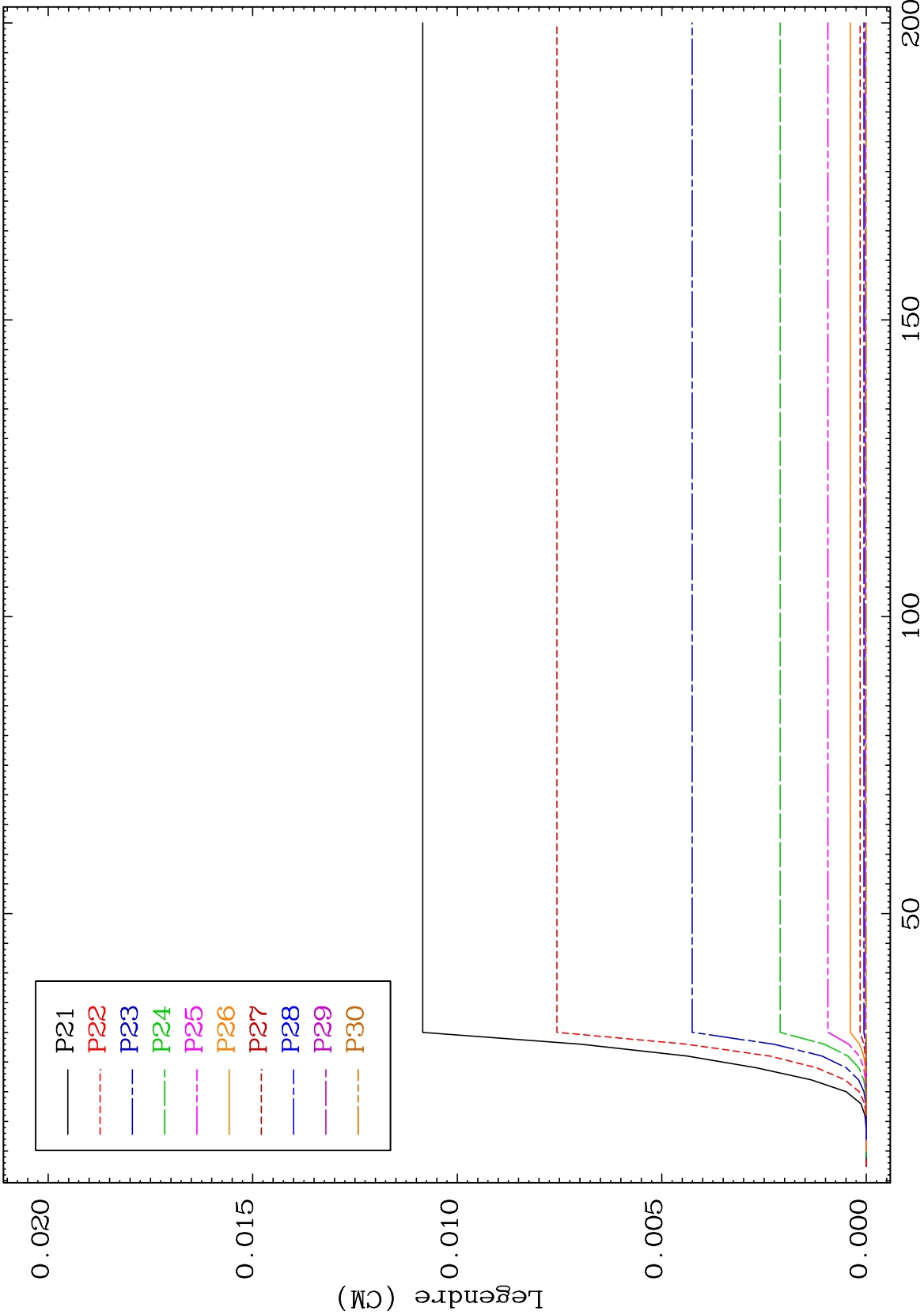
Incident Energy (MeV)

81-T1-203

MAT 8125

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

81-T1-203



60

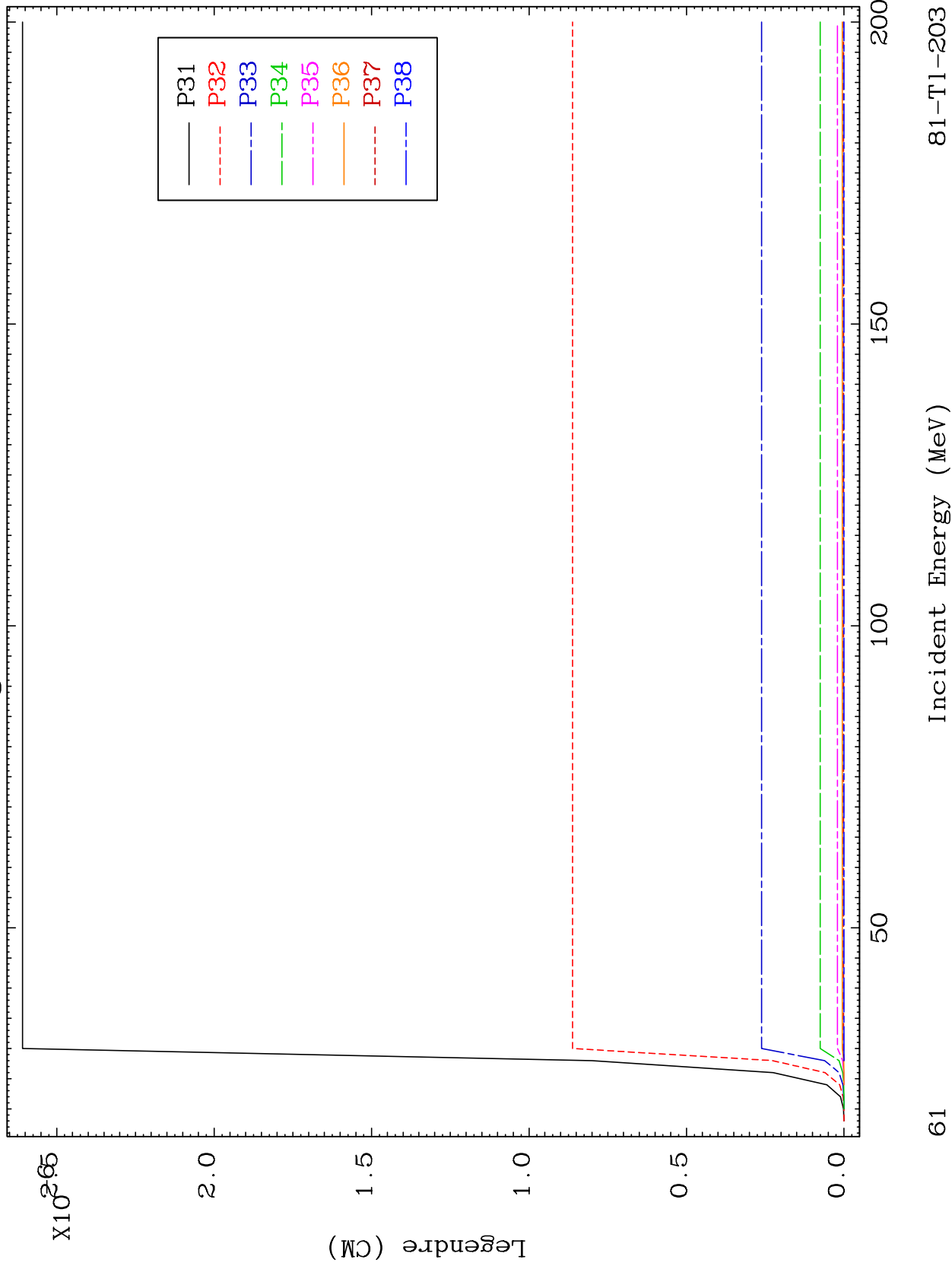
Incident Energy (MeV)

81-T1-203

MAT 8125

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

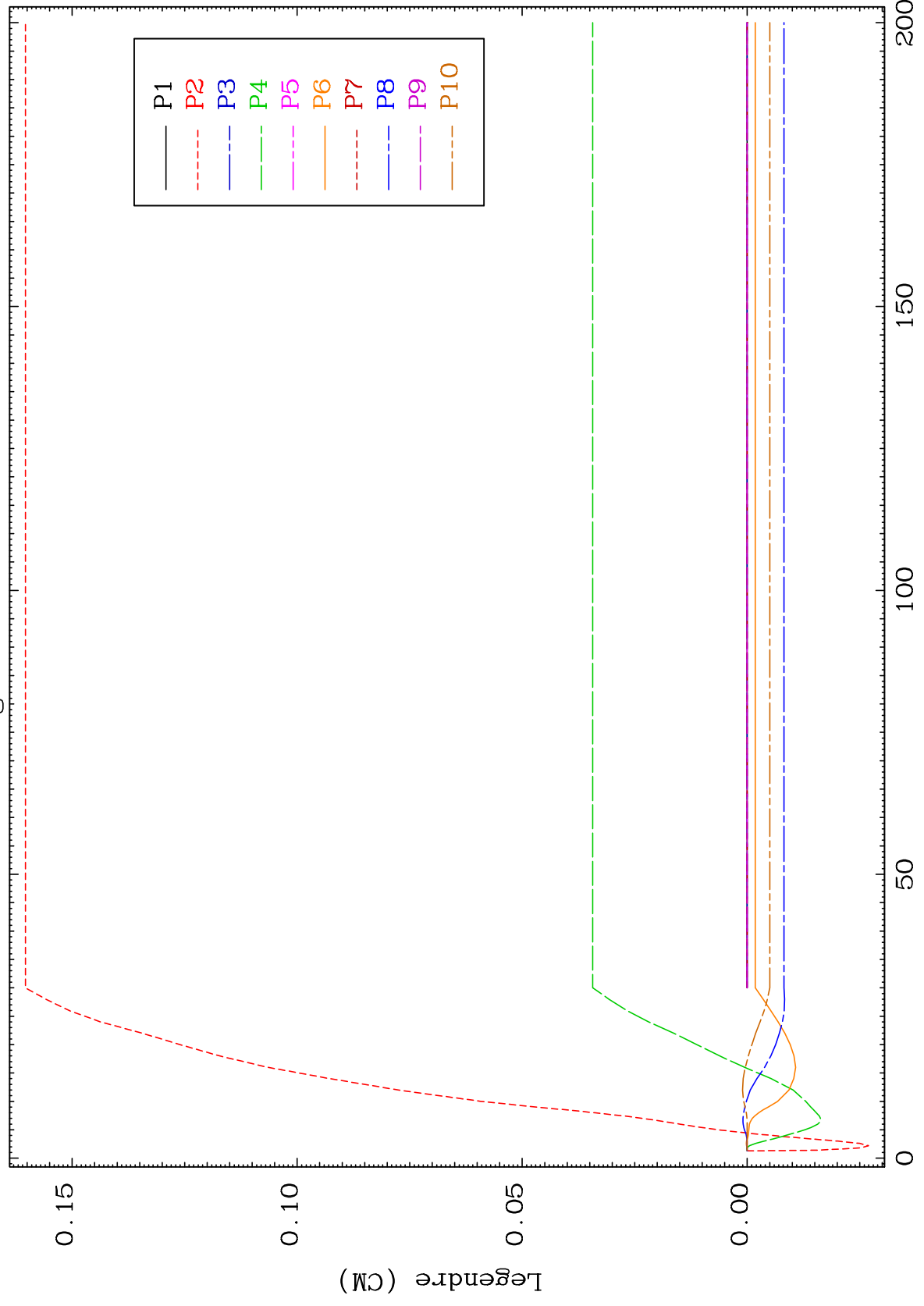
81-T1-203



MAT 8125

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

81-T1-203



81-T1-203

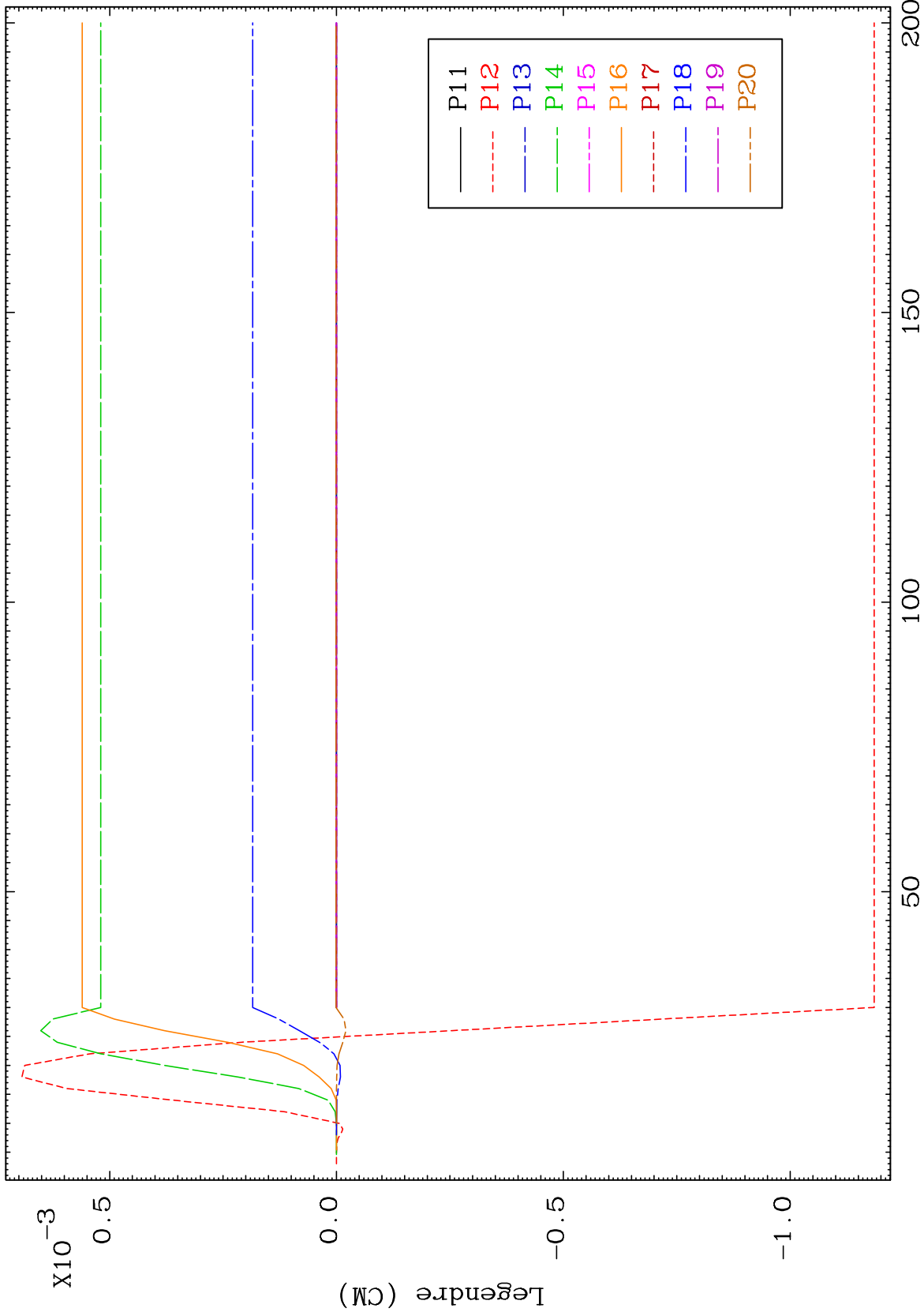
Incident Energy (MeV)

62

MAT 8125

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

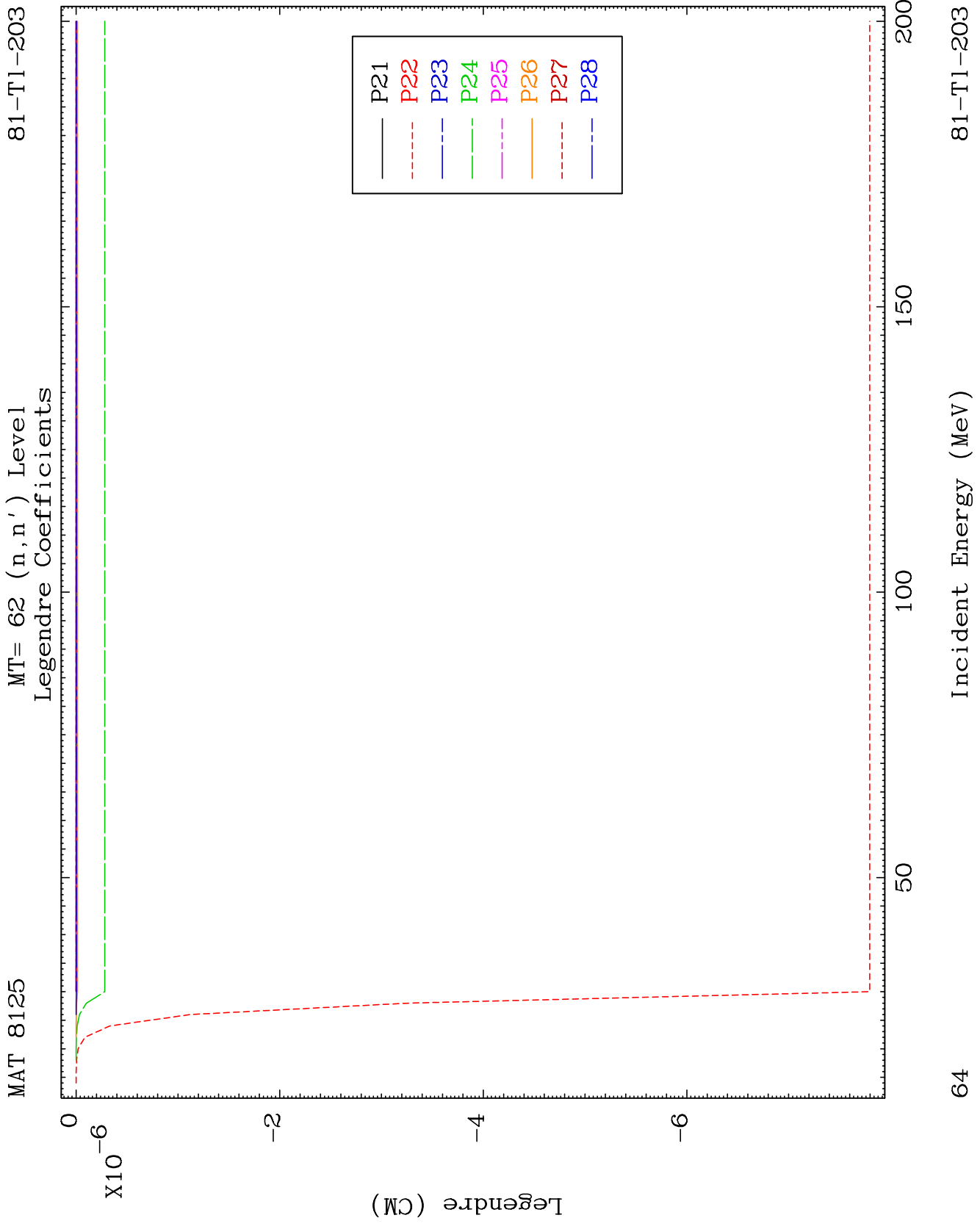
81-T1-203



63

Incident Energy (MeV)

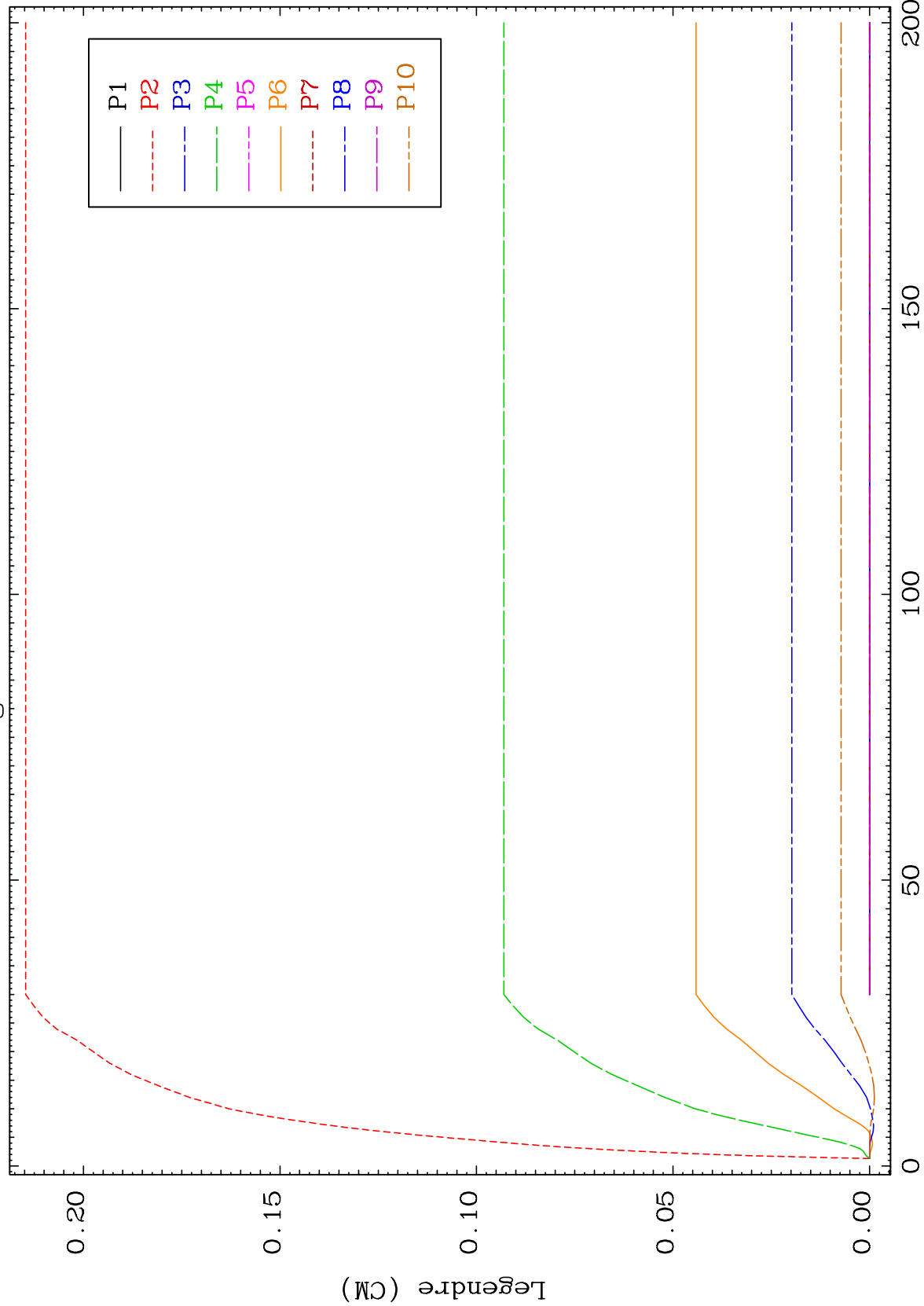
81-T1-203



MAT 8125

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

81-T1-203



81-T1-203

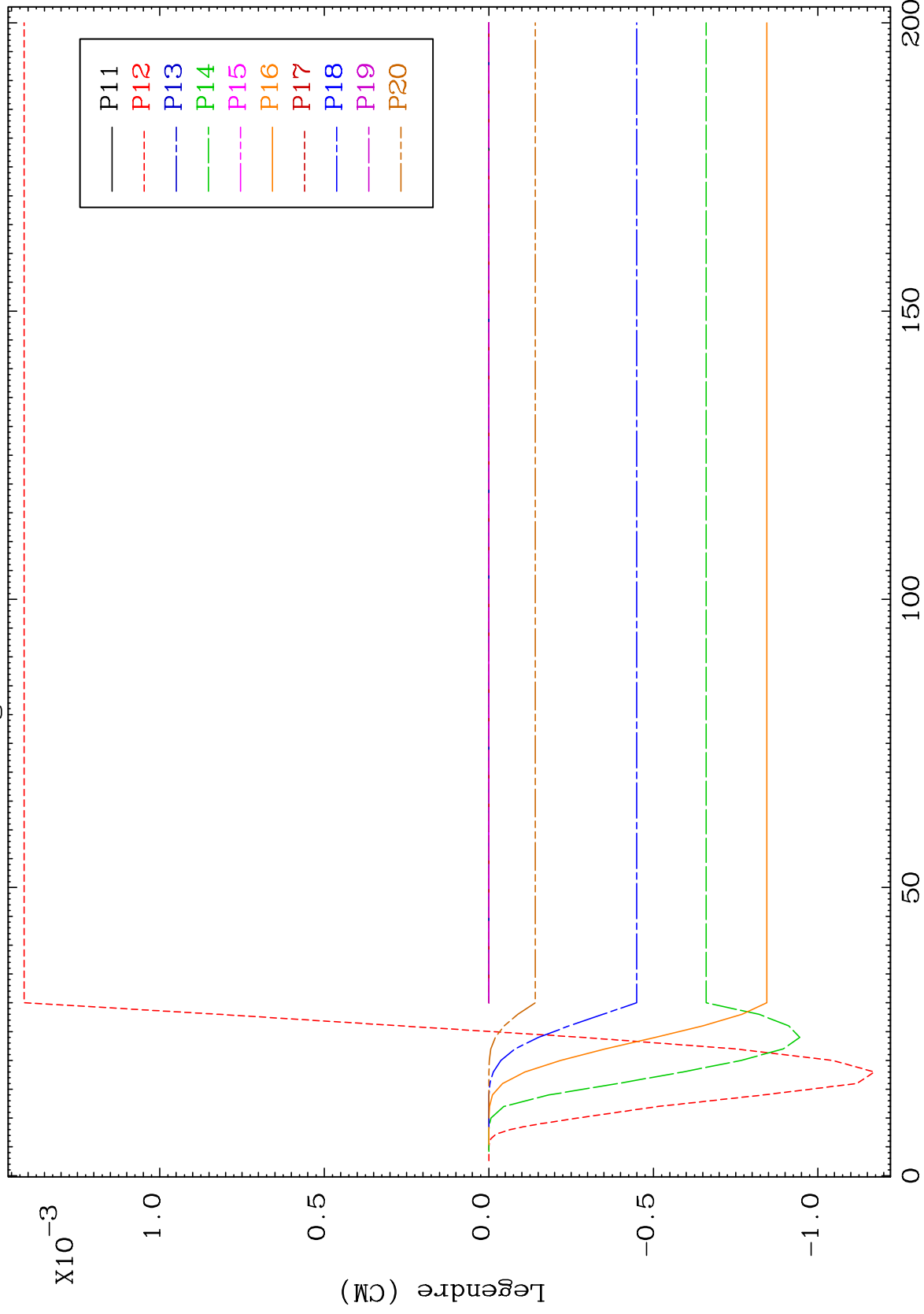
Incident Energy (MeV)

65

MAT 8125

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

81-T1-203



66

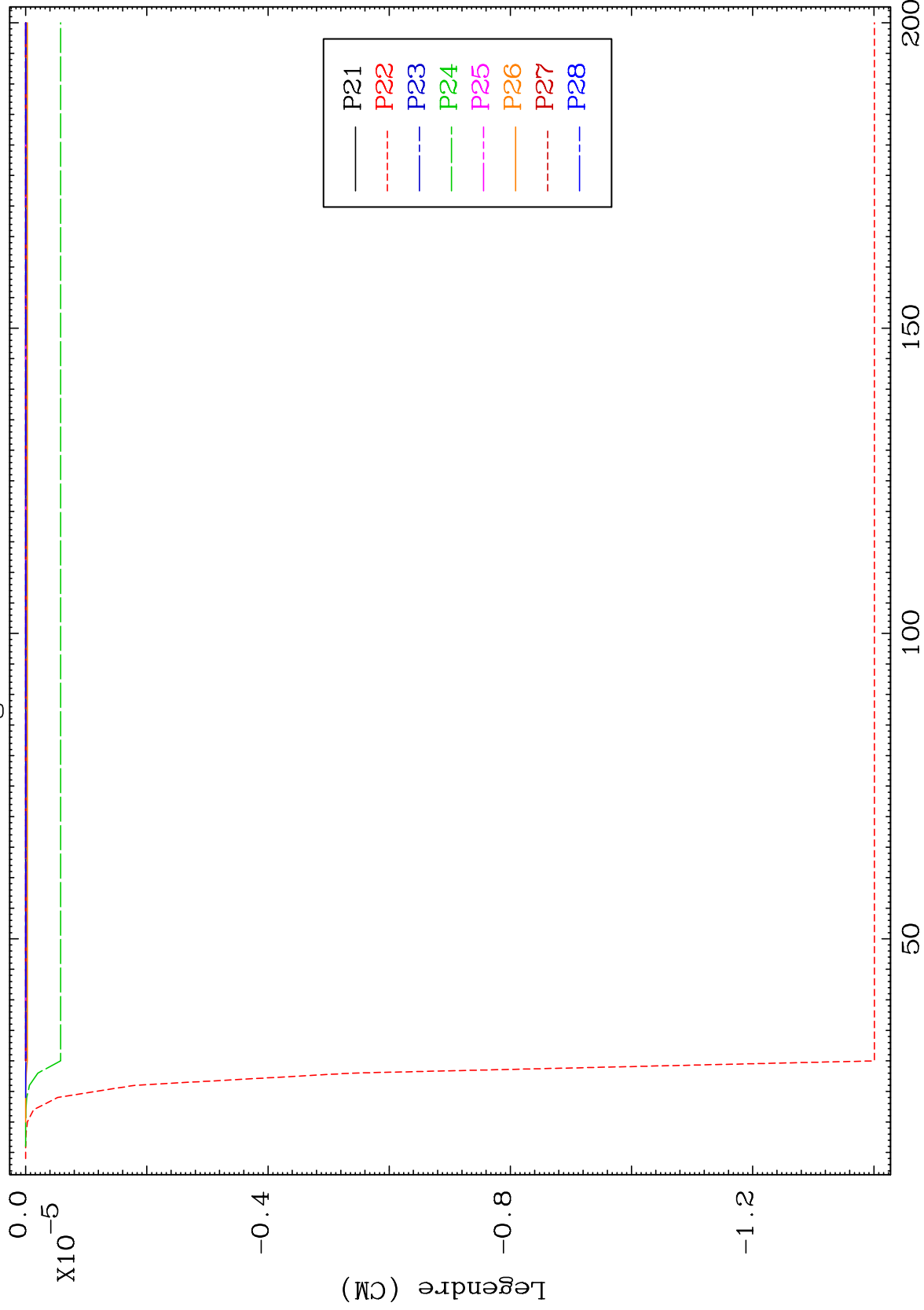
Incident Energy (MeV)

81-T1-203

MAT 8125

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

81-T1-203



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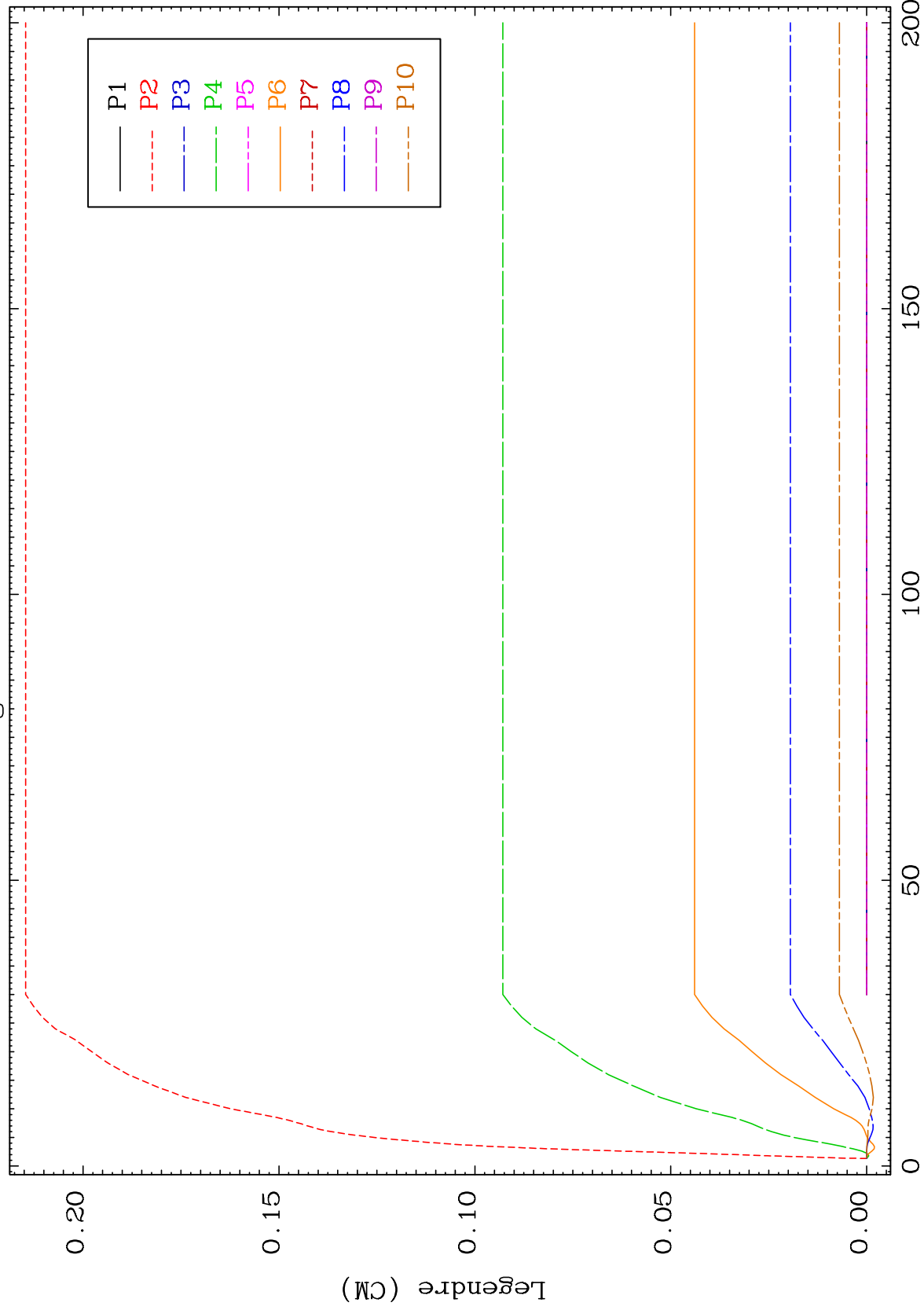
Incident Energy (MeV)

81-T1-203

MAT 8125

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

81-T1-203



68

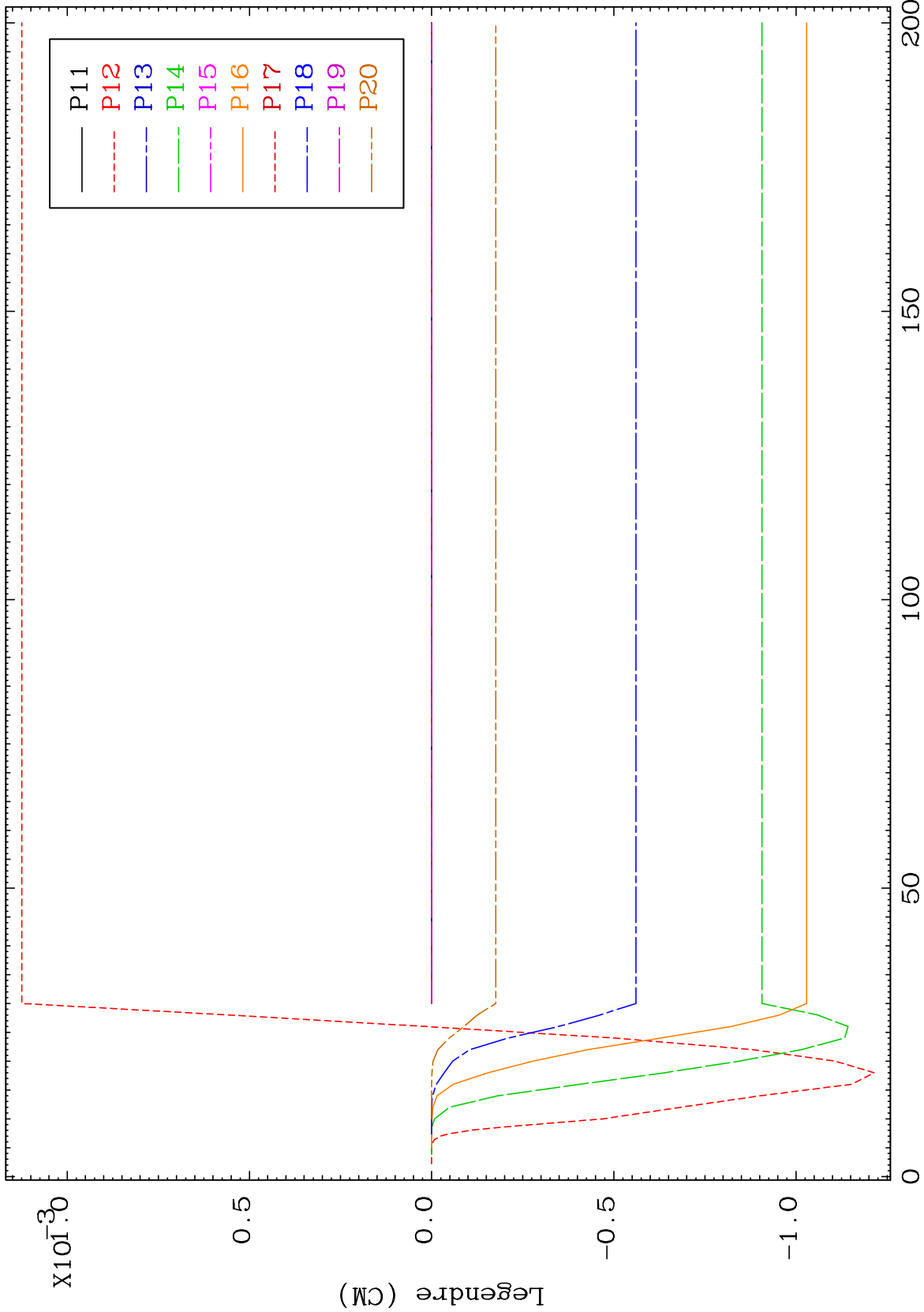
Incident Energy (MeV)

81-T1-203

MAT 8125

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

81-T1-203



69

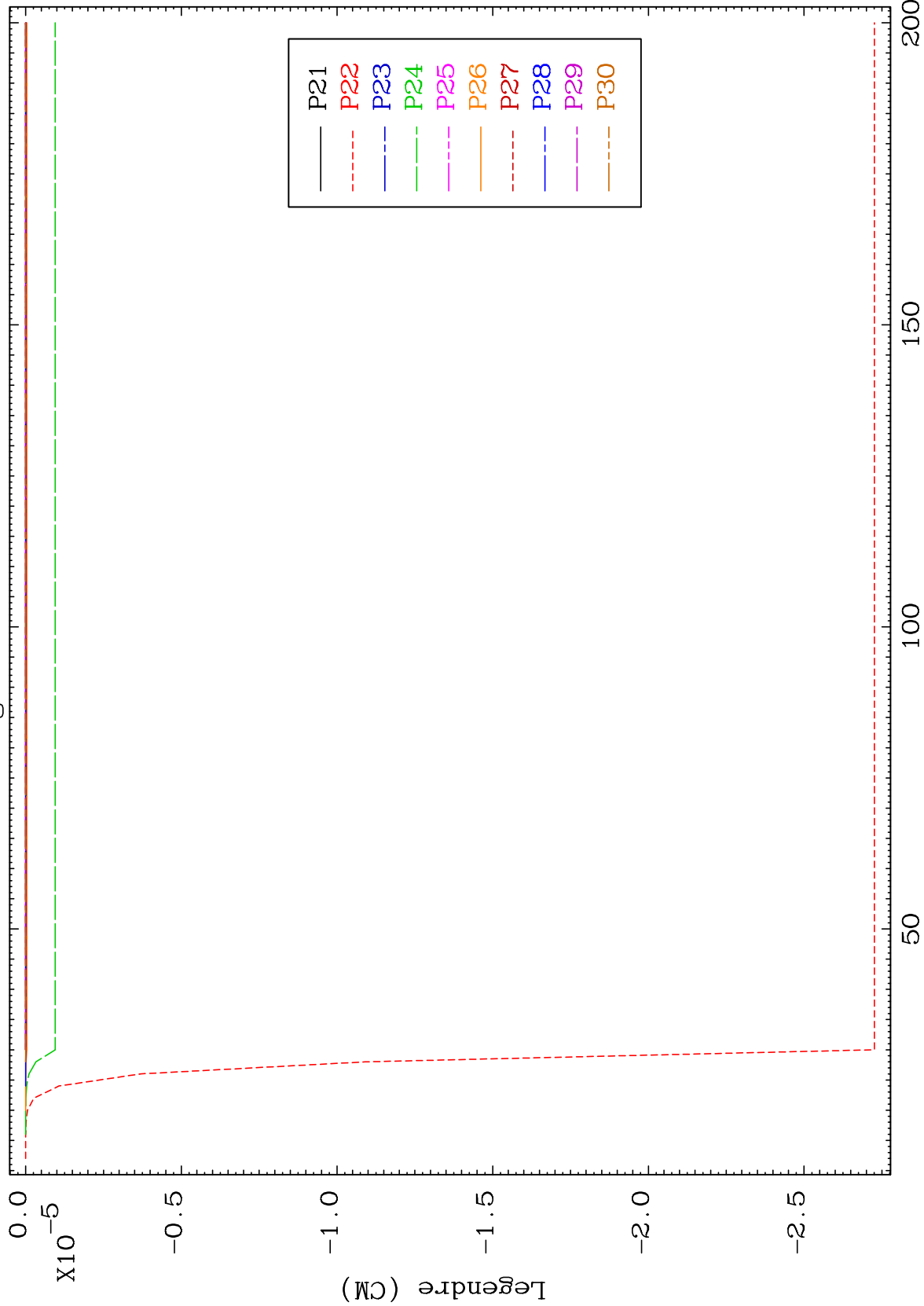
Incident Energy (MeV)

81-T1-203

MAT 8125

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

81-T1-203



70

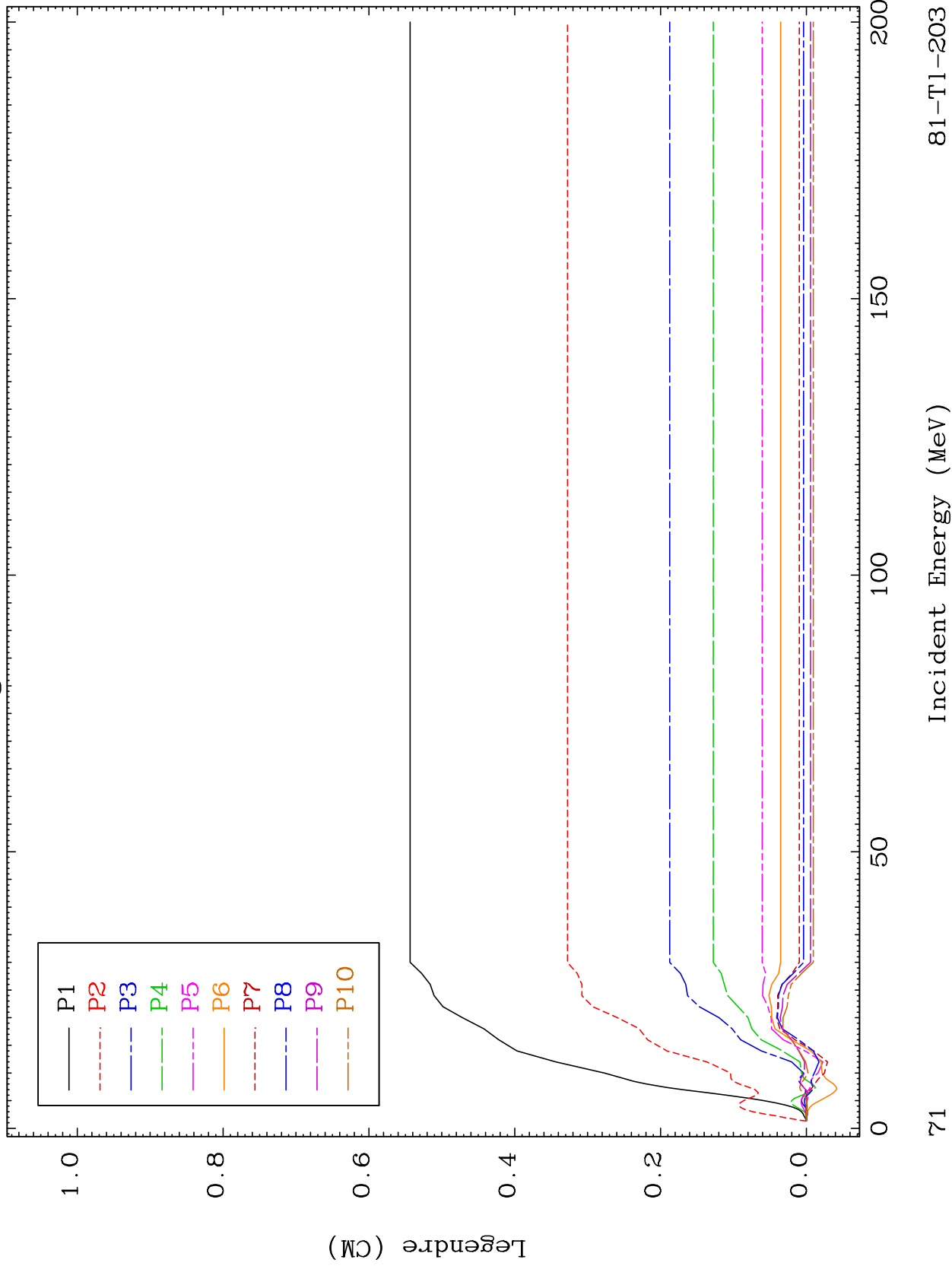
Incident Energy (MeV)

81-T1-203

MAT 8125

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

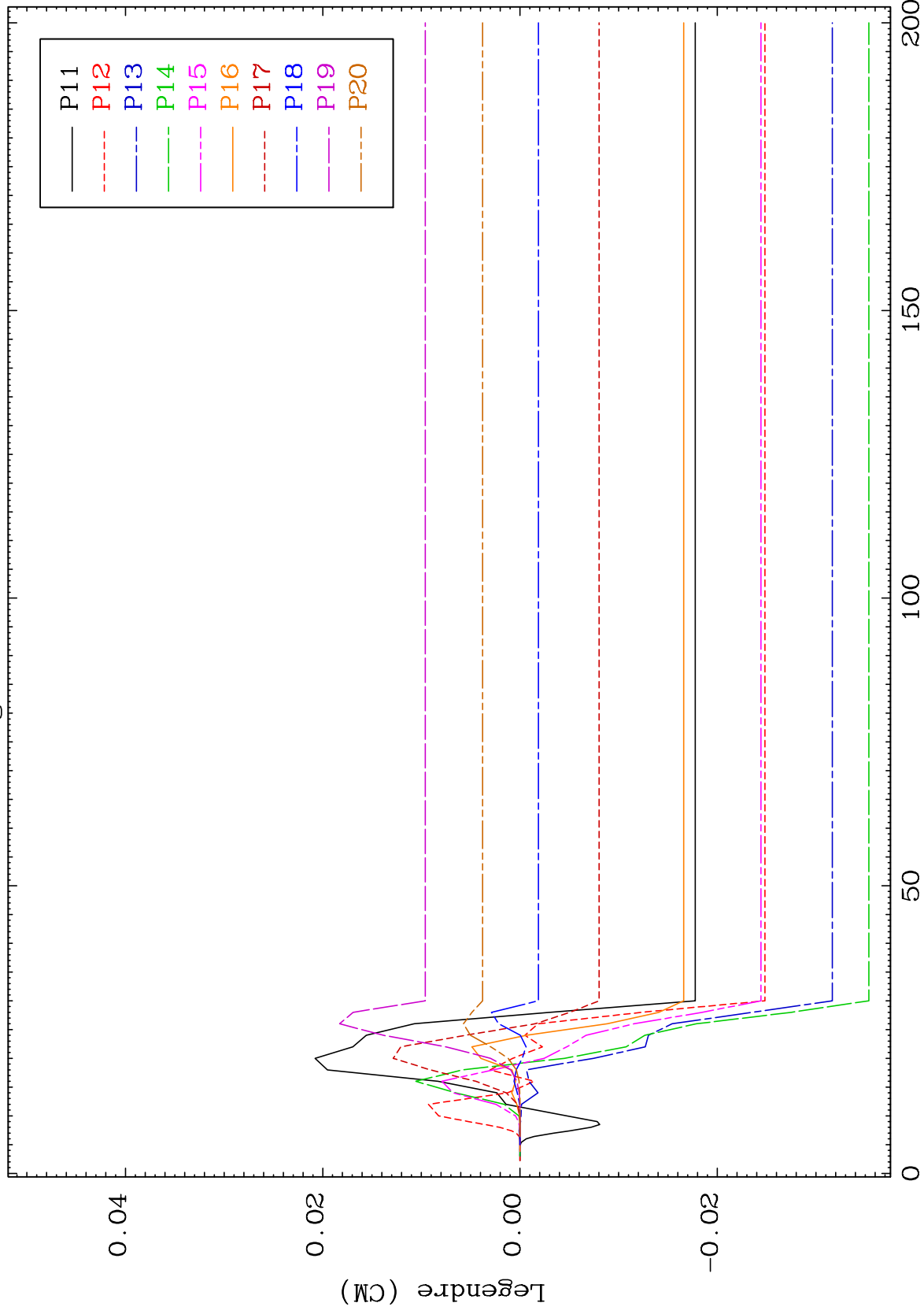
81-T1-203



MAT 8125

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

81-T1-203



72

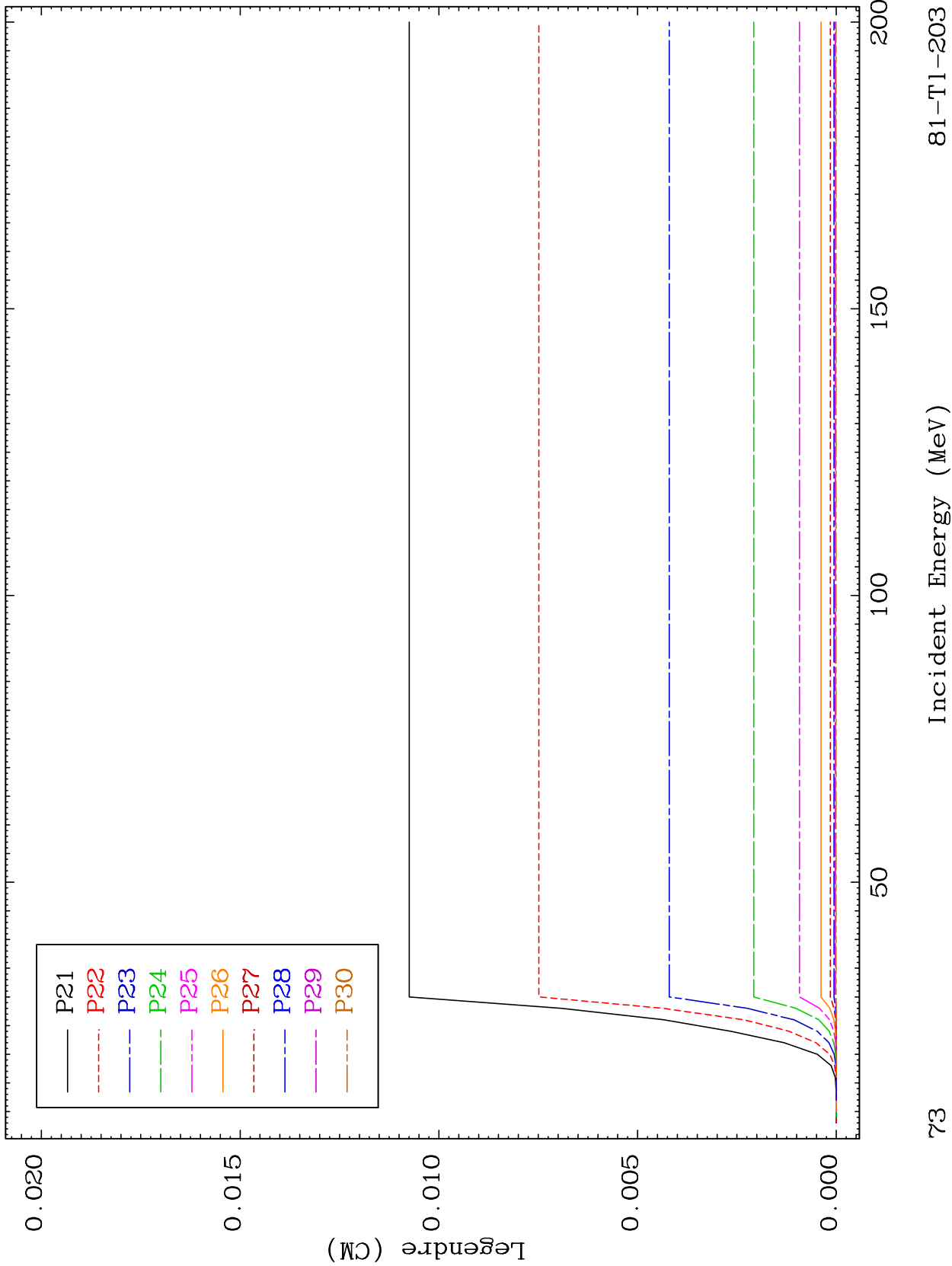
Incident Energy (MeV)

81-T1-203

MAT 8125

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

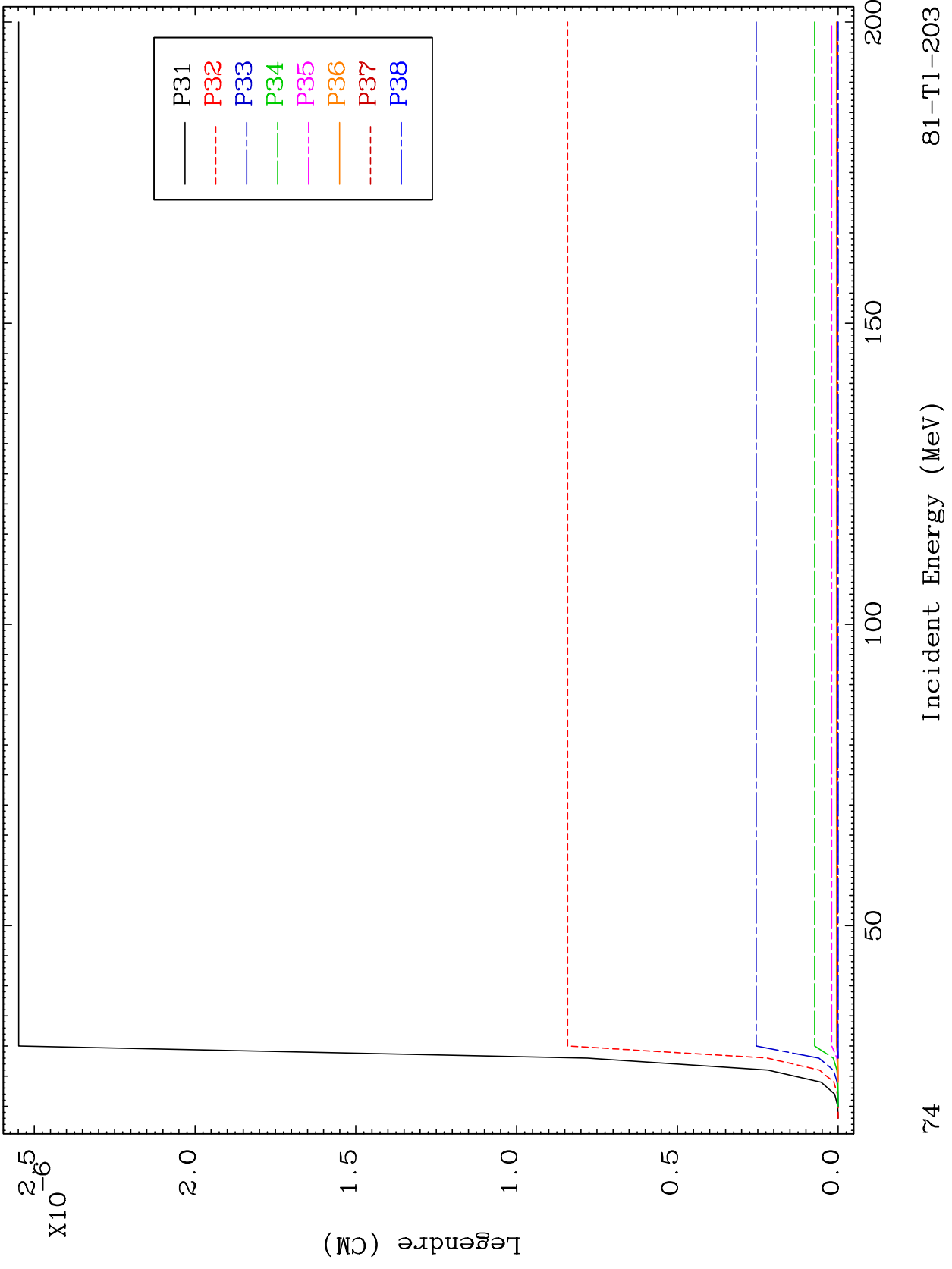
81-T1-203



73

Incident Energy (MeV)

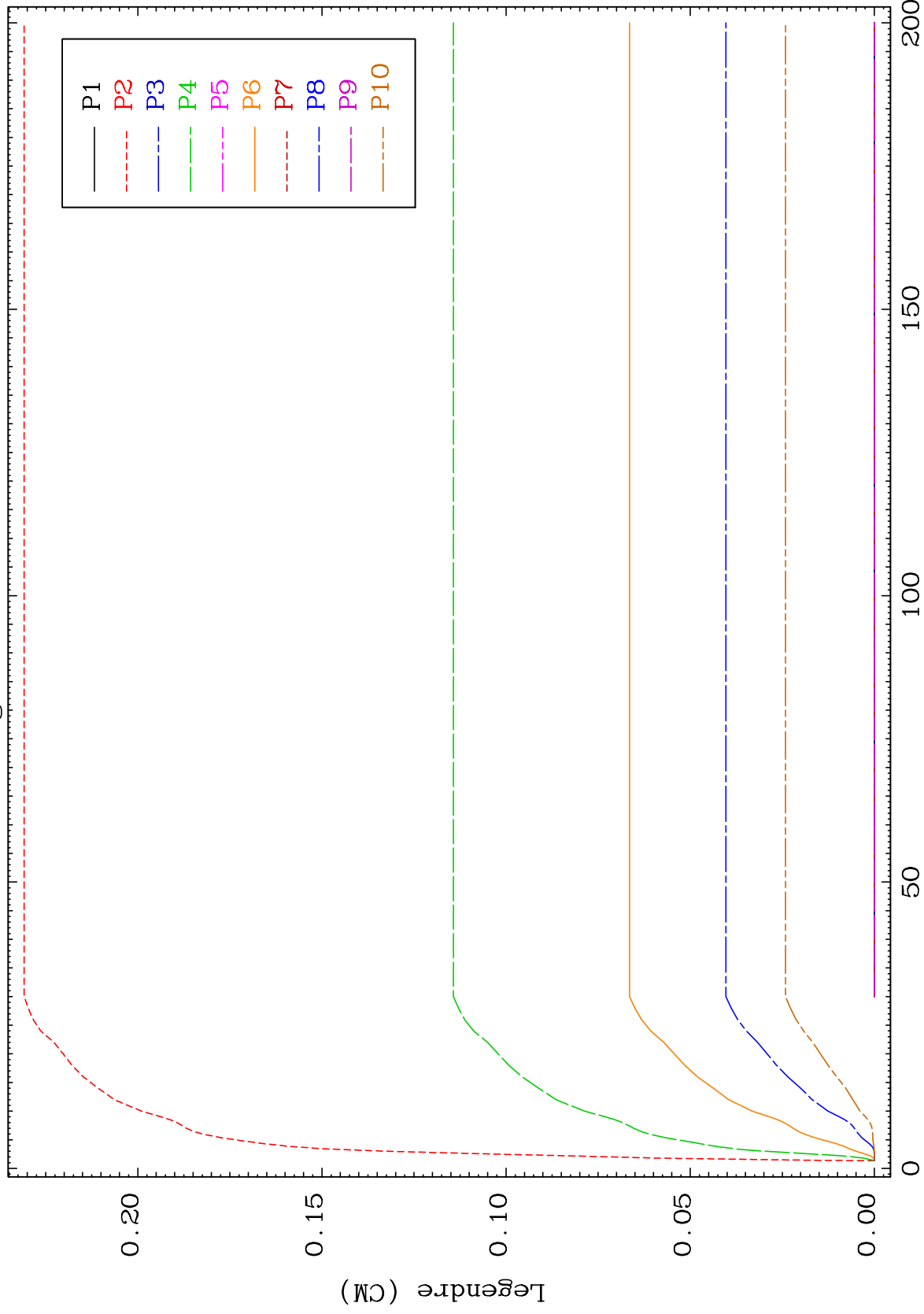
81-T1-203



MAT 8125

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

81-T1-203



75

Incident Energy (MeV)

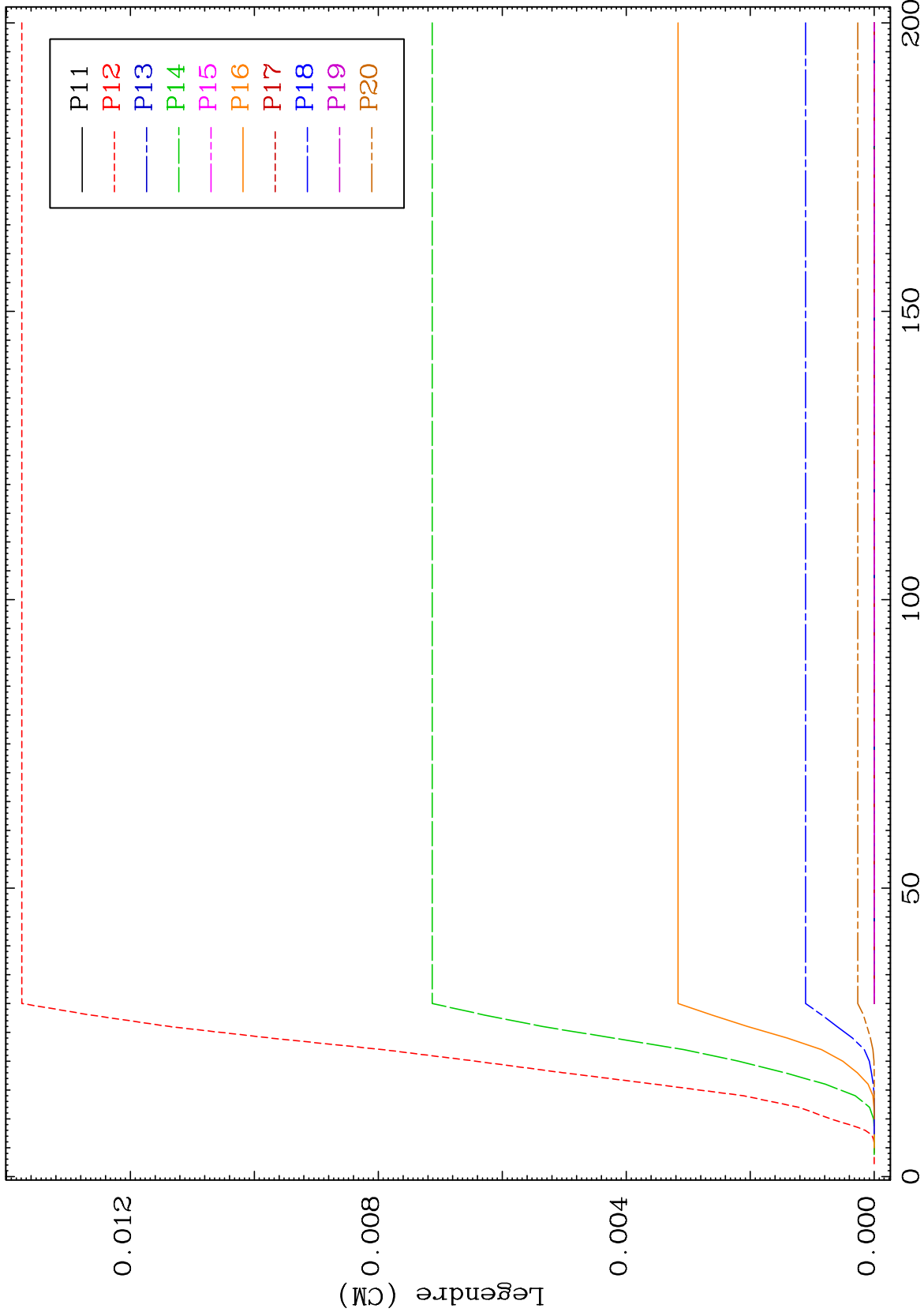
81-T1-203

MAT 8125

MT= 66 (n,n') Level

81-T1-203

Legendre Coefficients



76

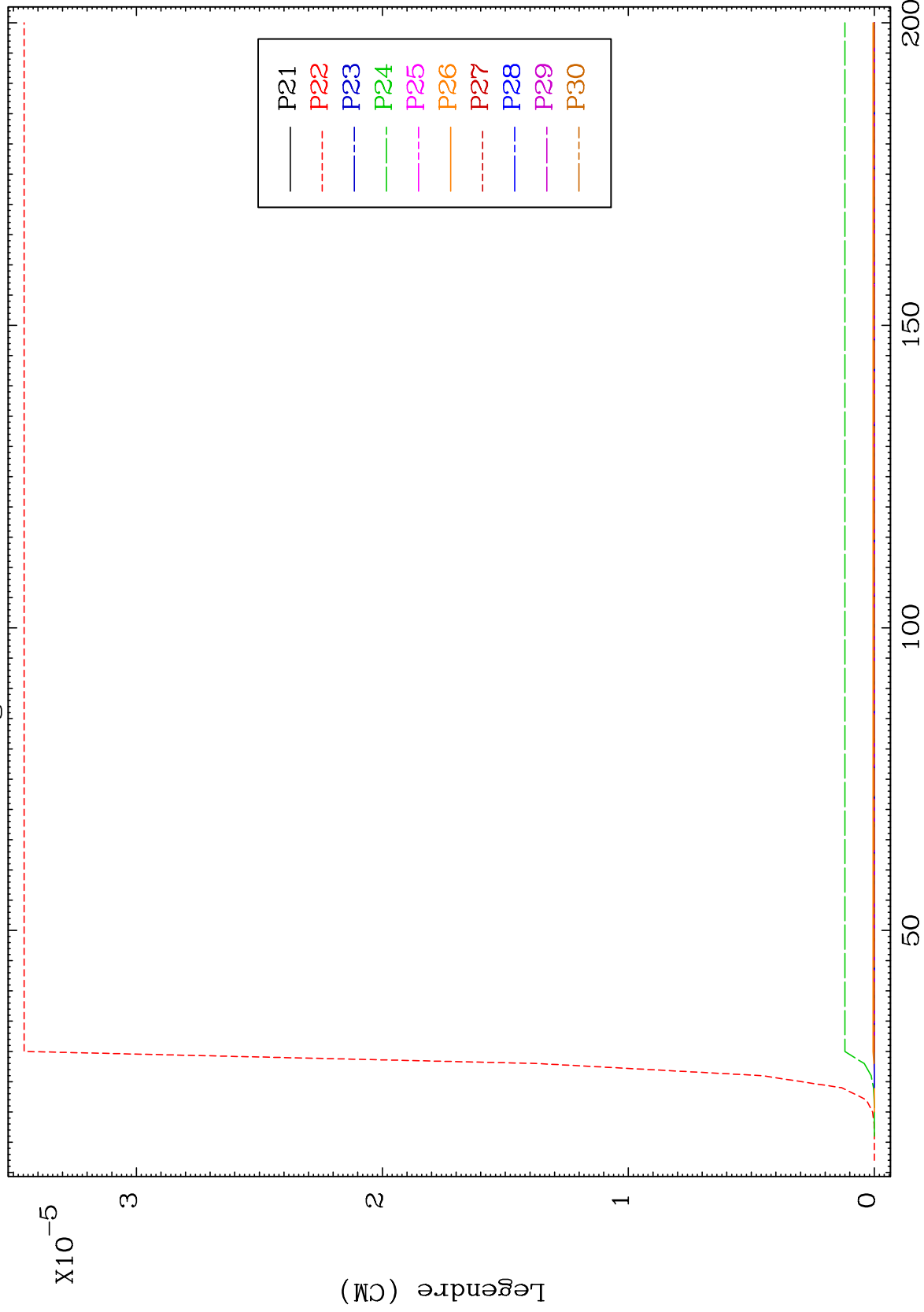
Incident Energy (MeV)

81-T1-203

MAT 8125

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

81-T1-203



77

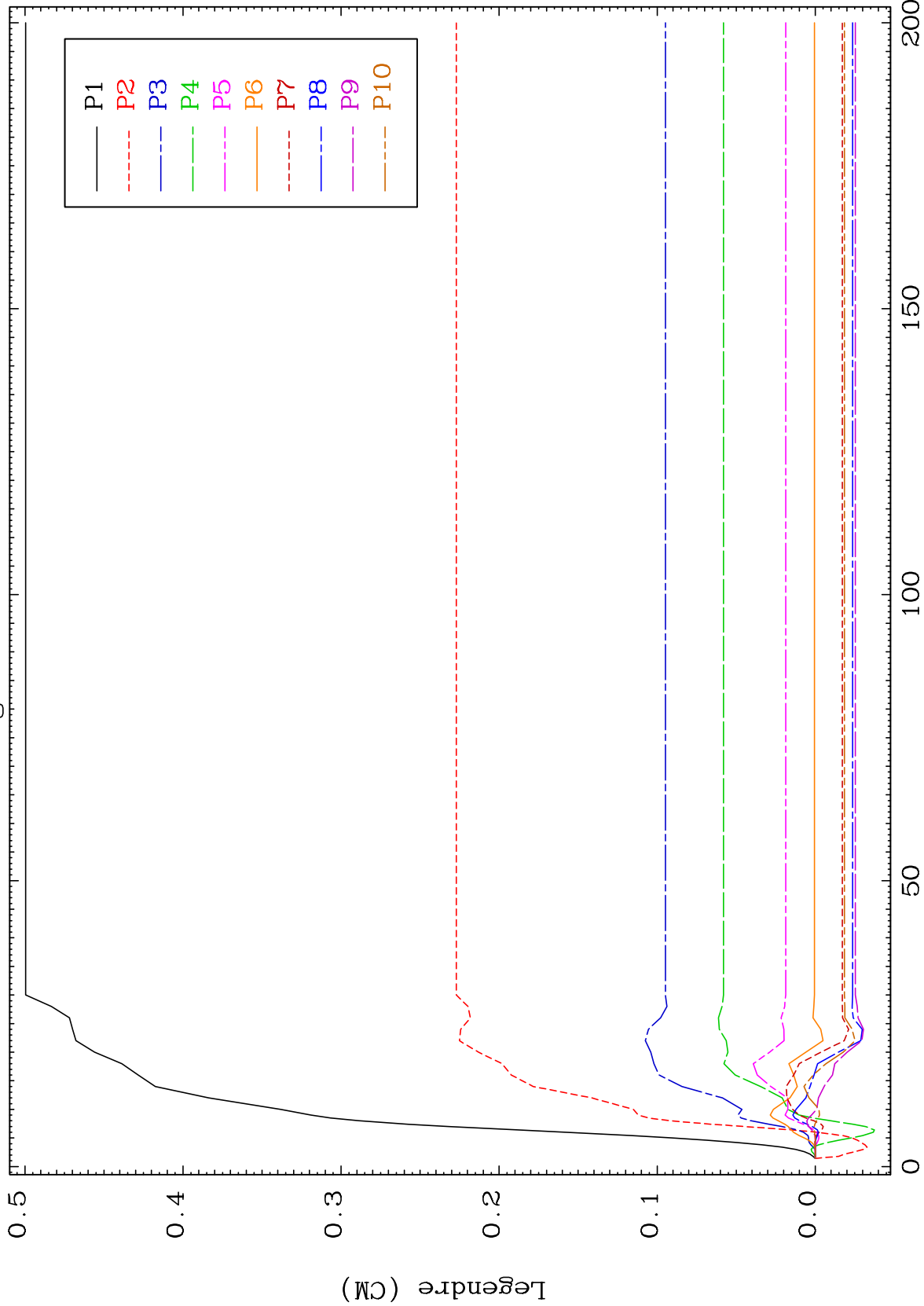
Incident Energy (MeV)

81-T1-203

MAT 8125

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

81-T1-203



78

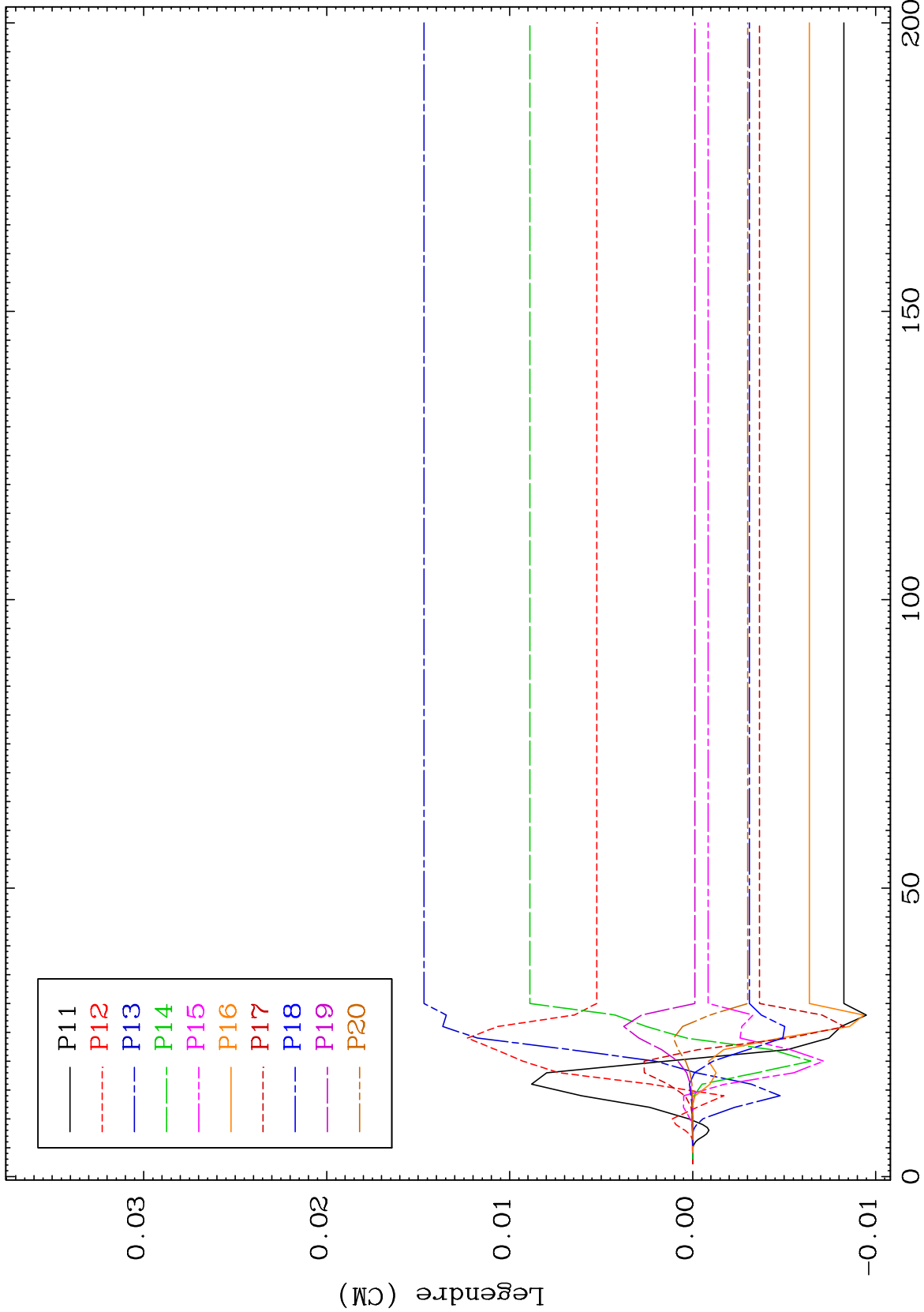
Incident Energy (MeV)

81-T1-203

MAT 8125

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

81-T1-203



79

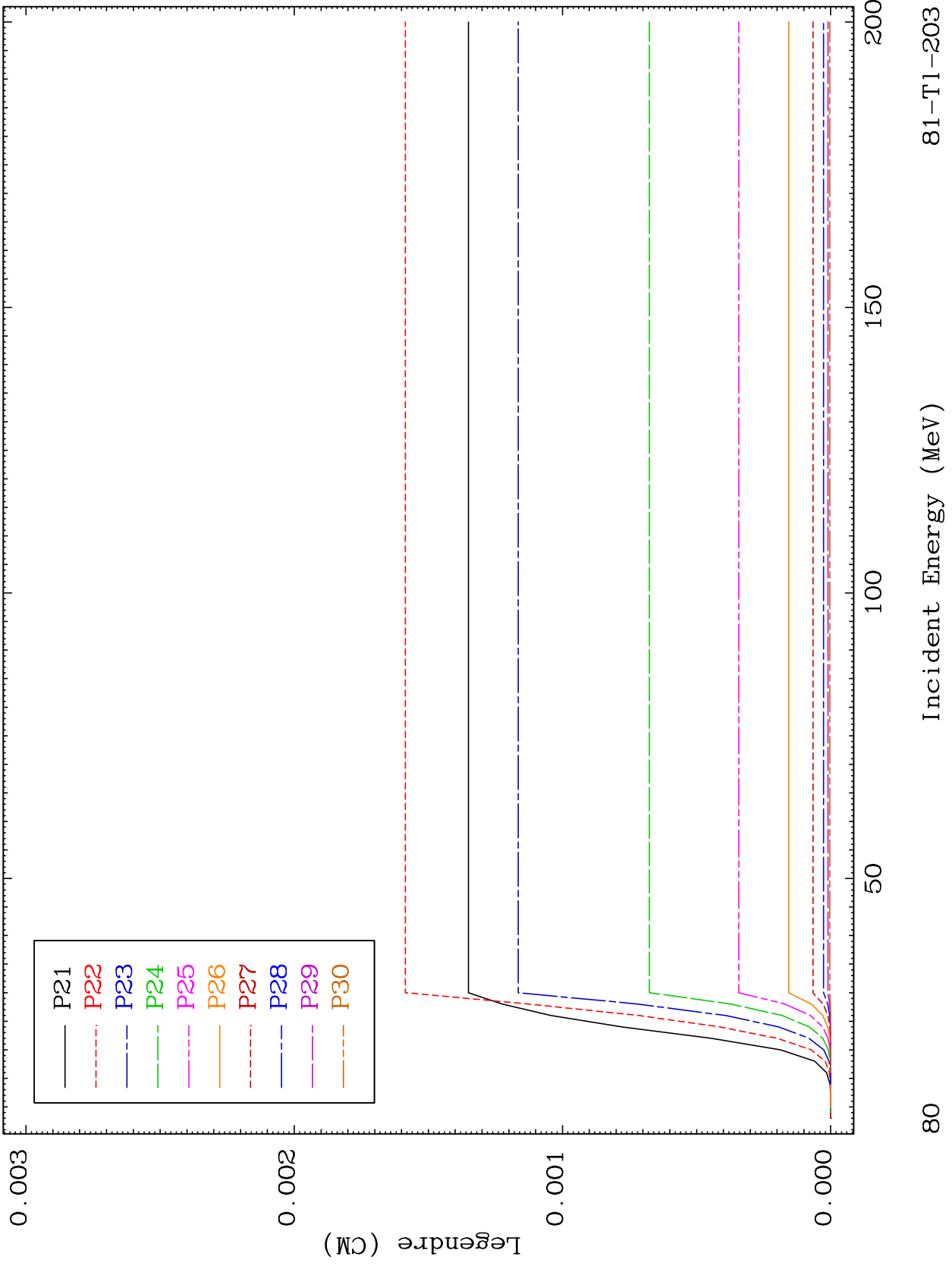
Incident Energy (MeV)

81-T1-203

MAT 8125

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

81-T1-203



80

Incident Energy (MeV)

81-T1-203

MAT 8125

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

81-T1-203

$\times 10^{-6}$

1.2

1.0

0.8

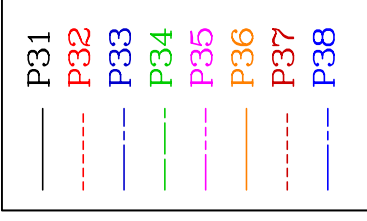
0.6

0.4

0.2

0.0

Legendre (CM)



50

100

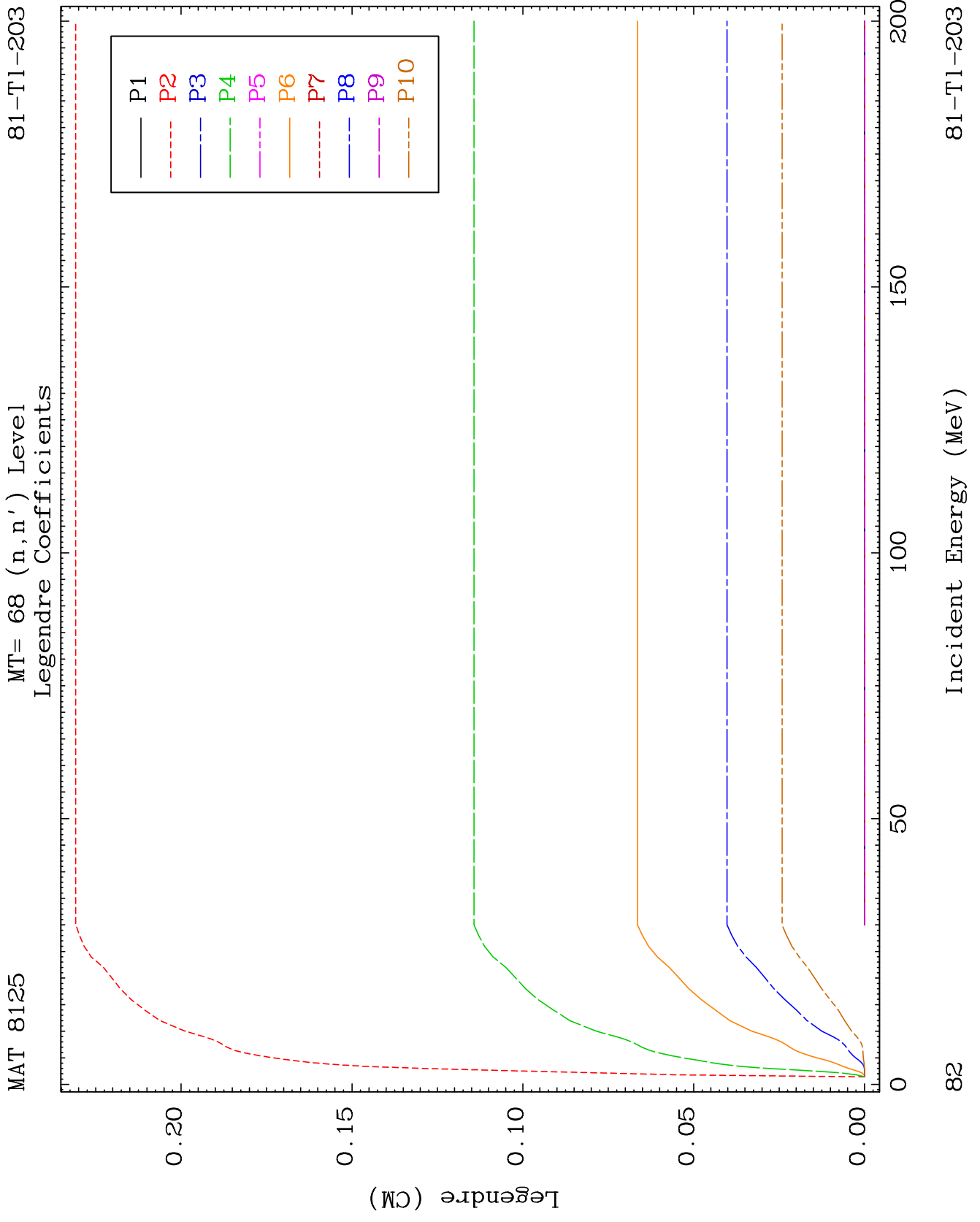
150

200

81

Incident Energy (MeV)

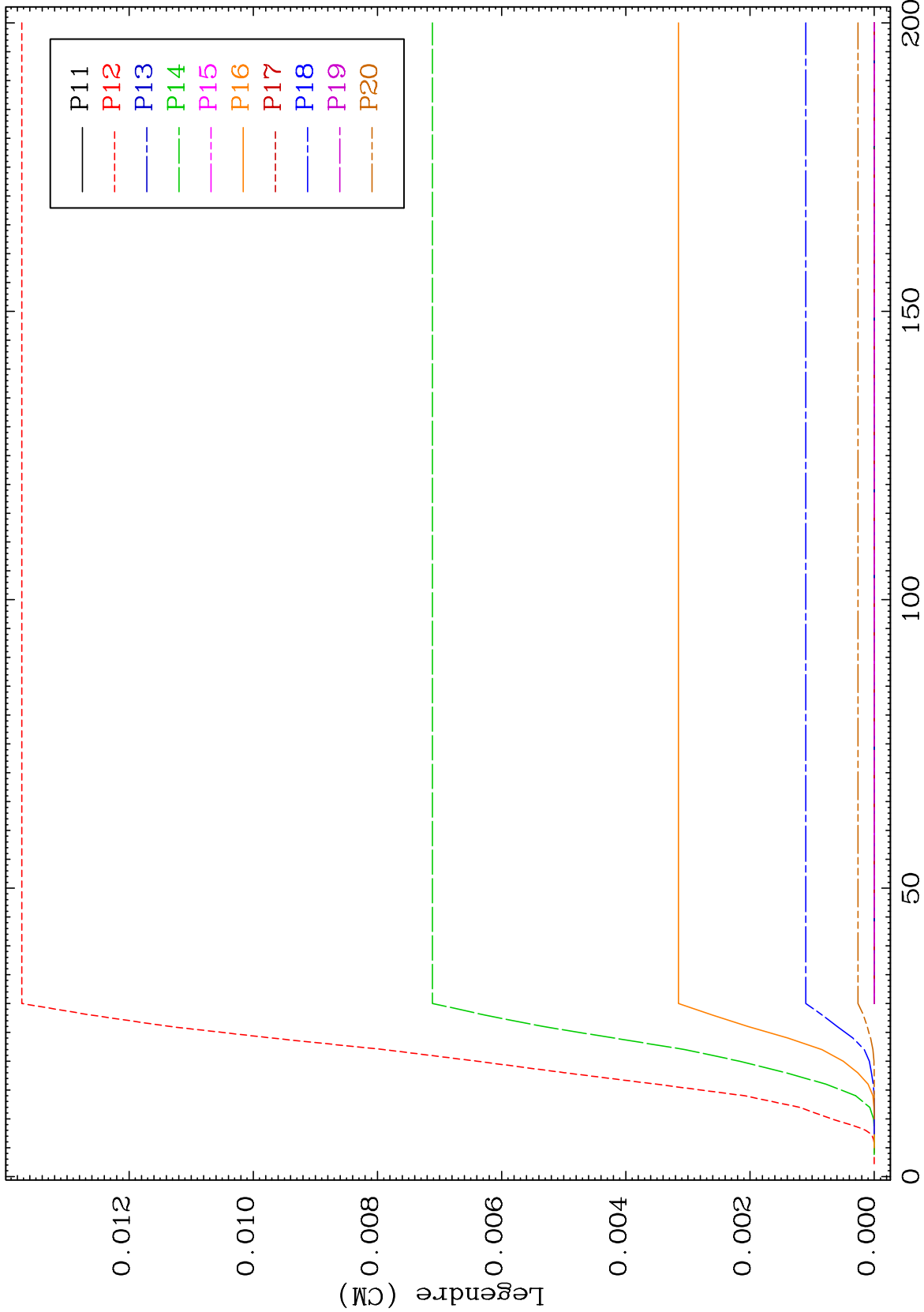
81-T1-203



MAT 8125

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

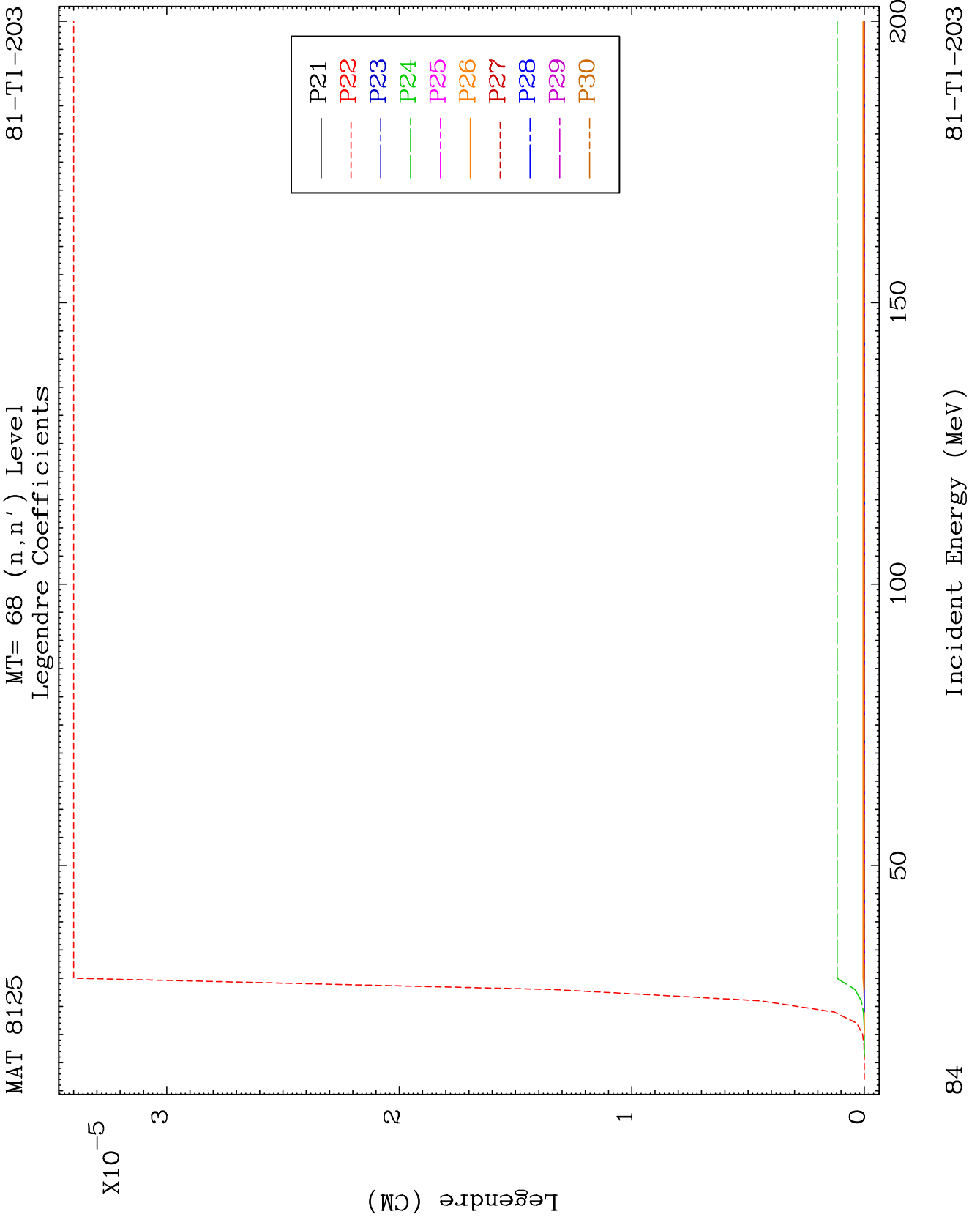
81-T1-203



83

Incident Energy (MeV)

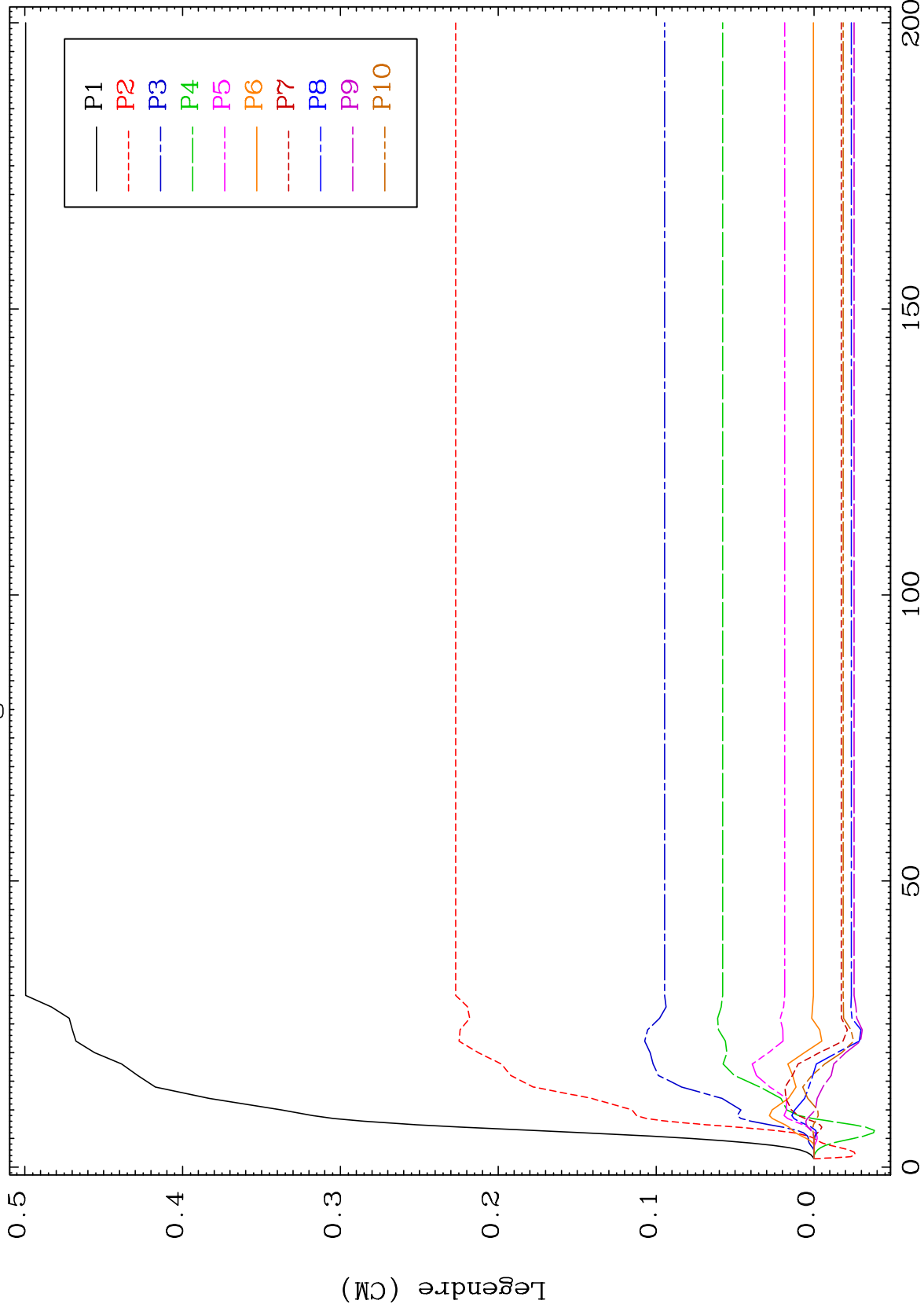
81-T1-203



MAT 8125

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

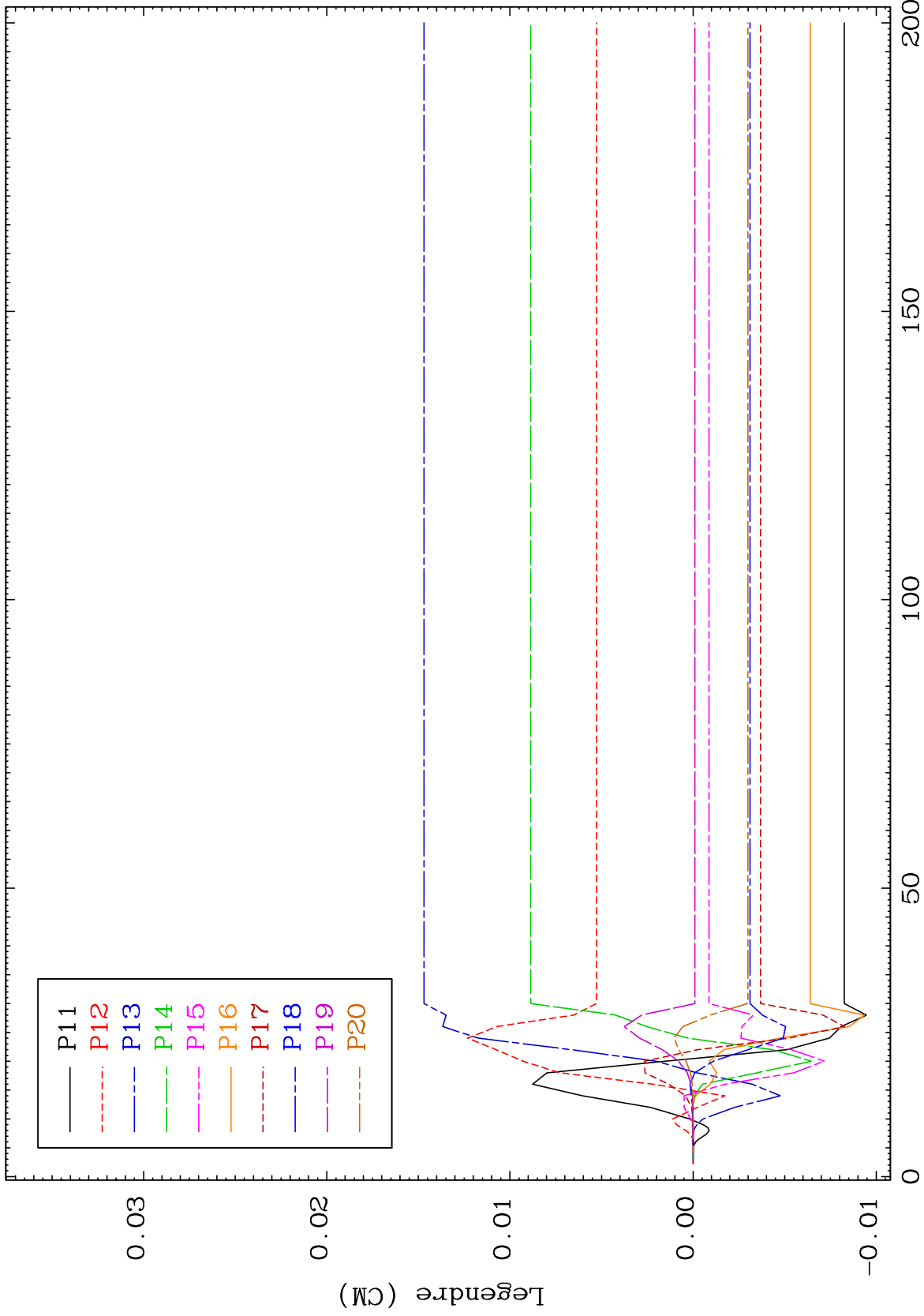
81-T1-203



85

Incident Energy (MeV)

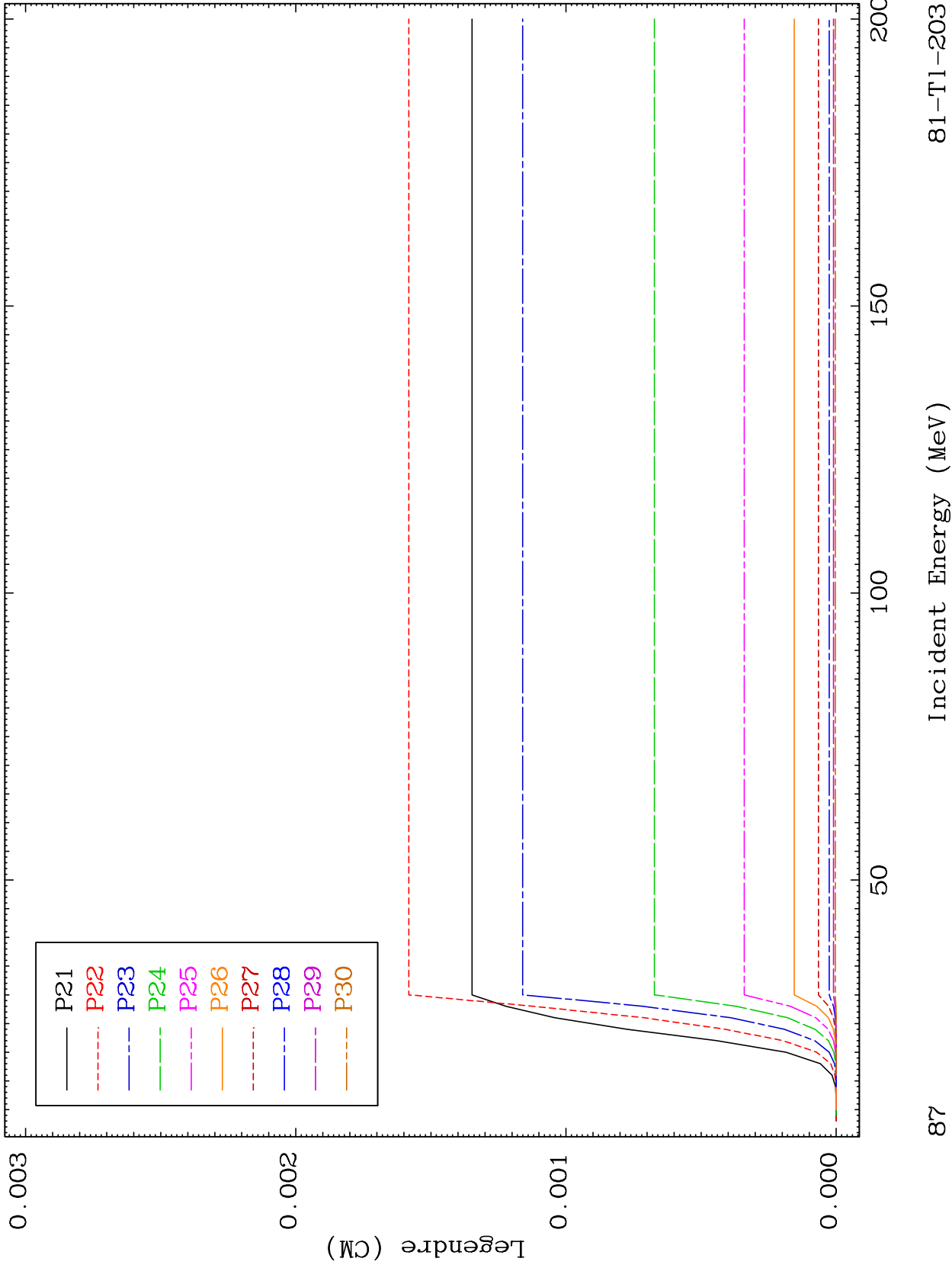
81-T1-203



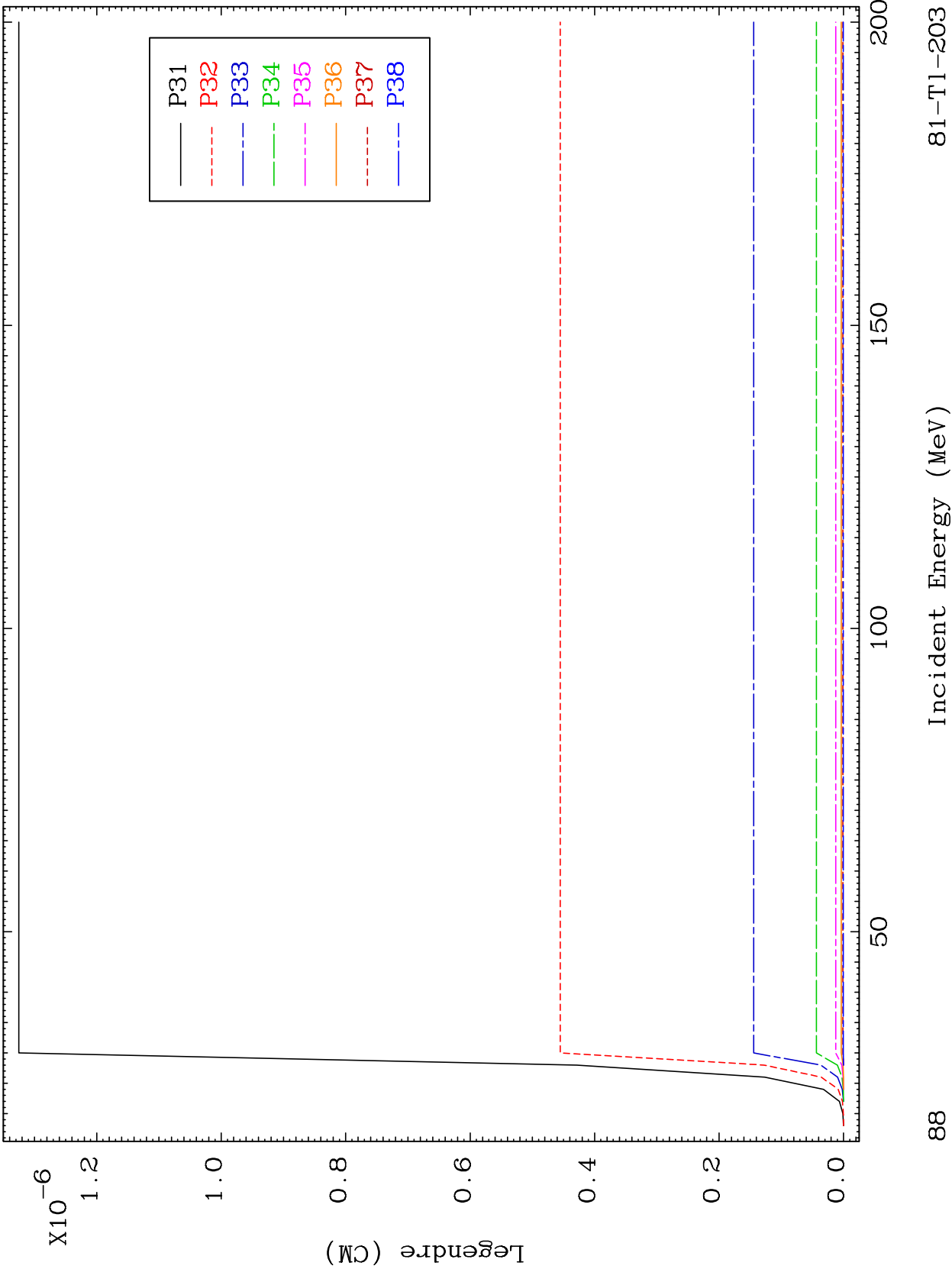
MAT 8125

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

81-T1-203



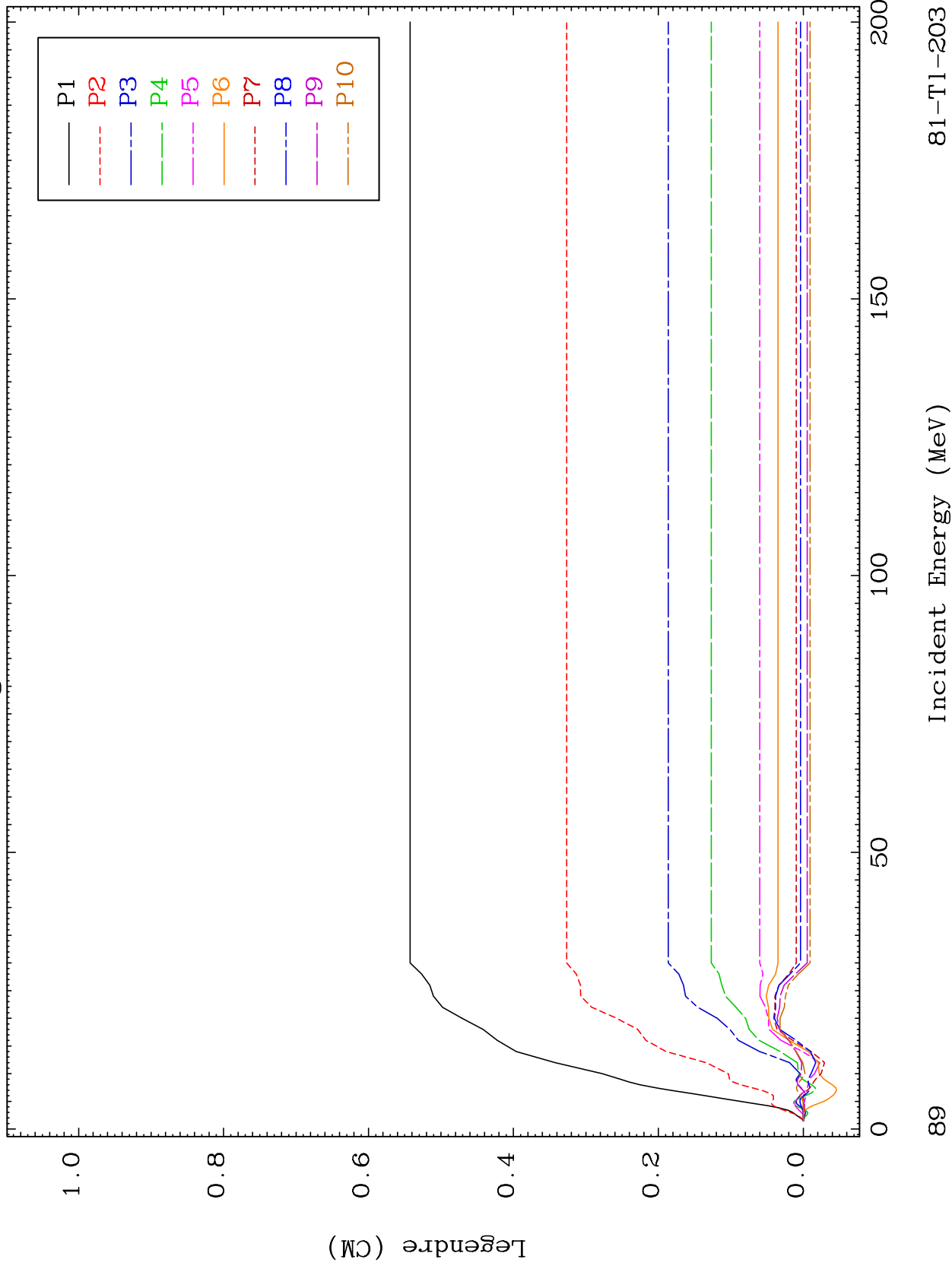
87



MAT 8125

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

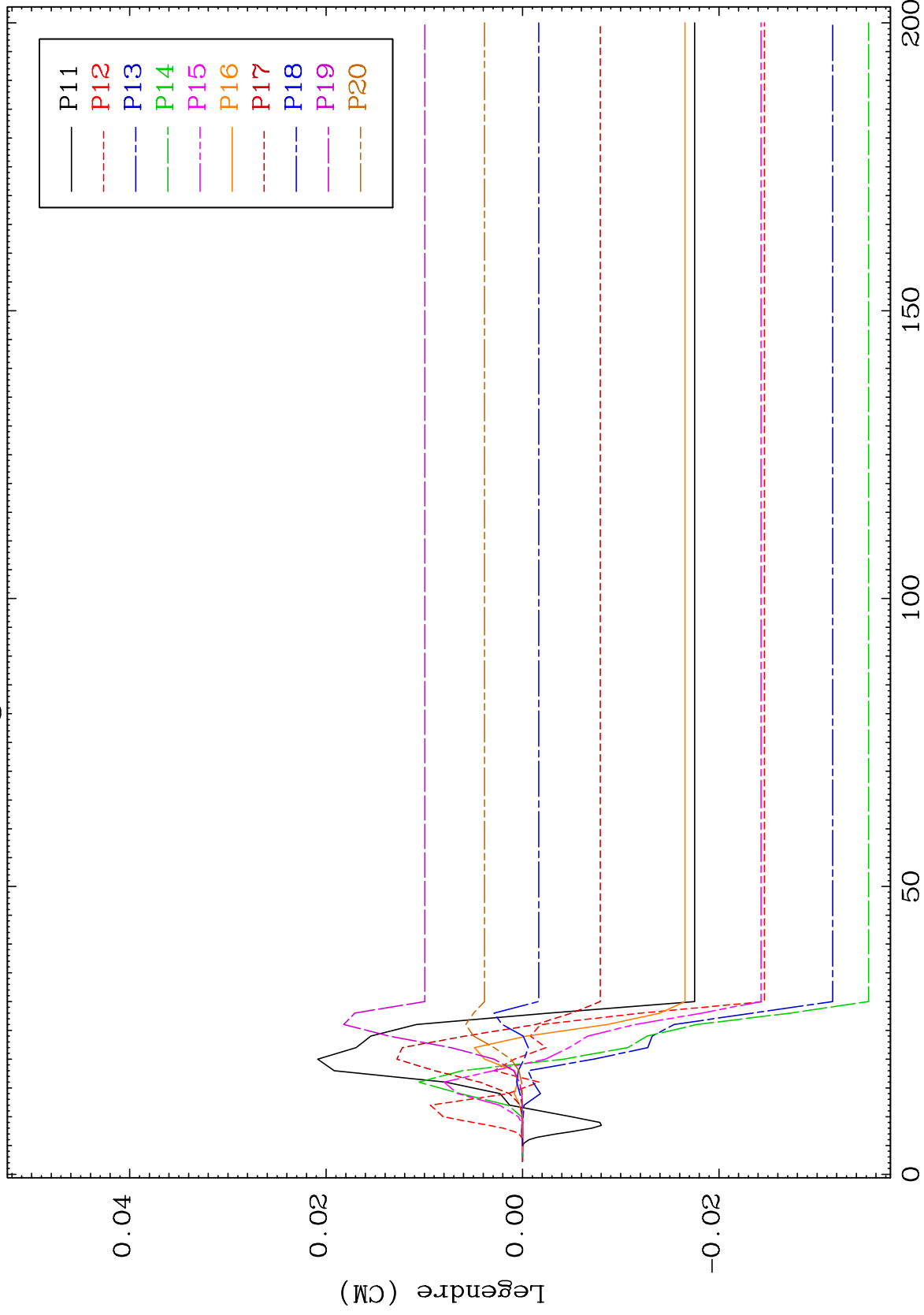
81-T1-203



MAT 8125

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

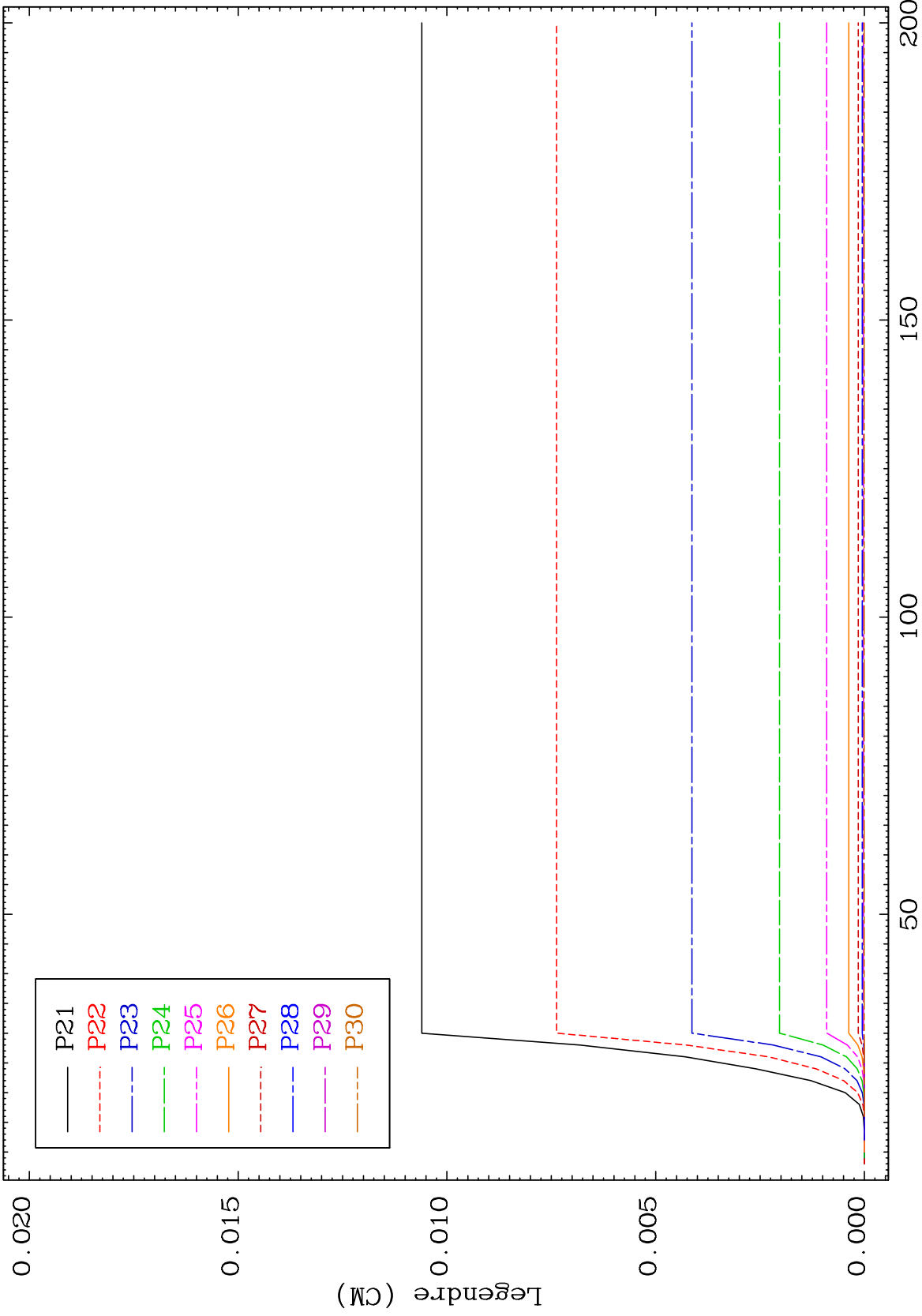
81-T1-203



90

Incident Energy (MeV)

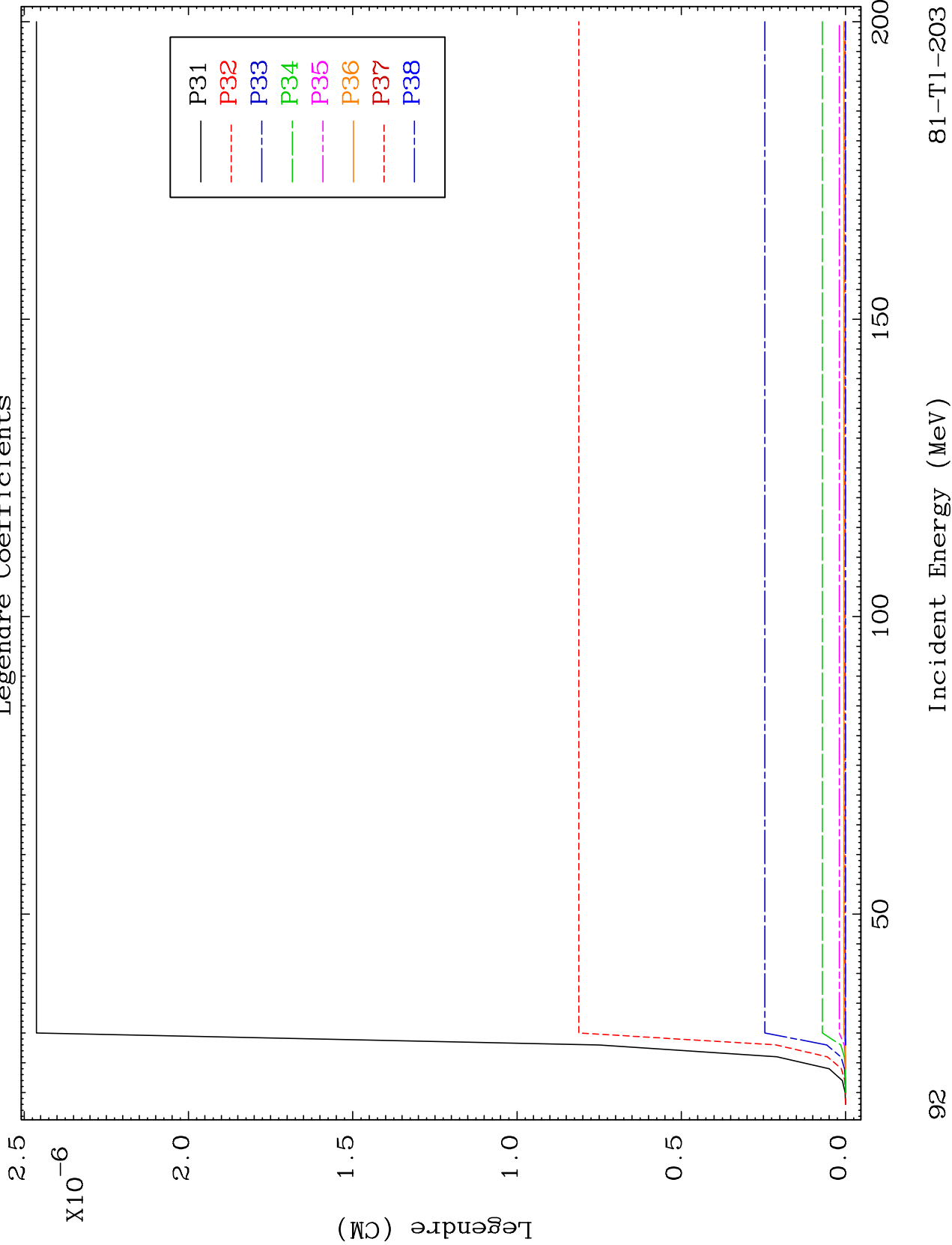
81-T1-203



MAT 8125

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

81-T1-203



92

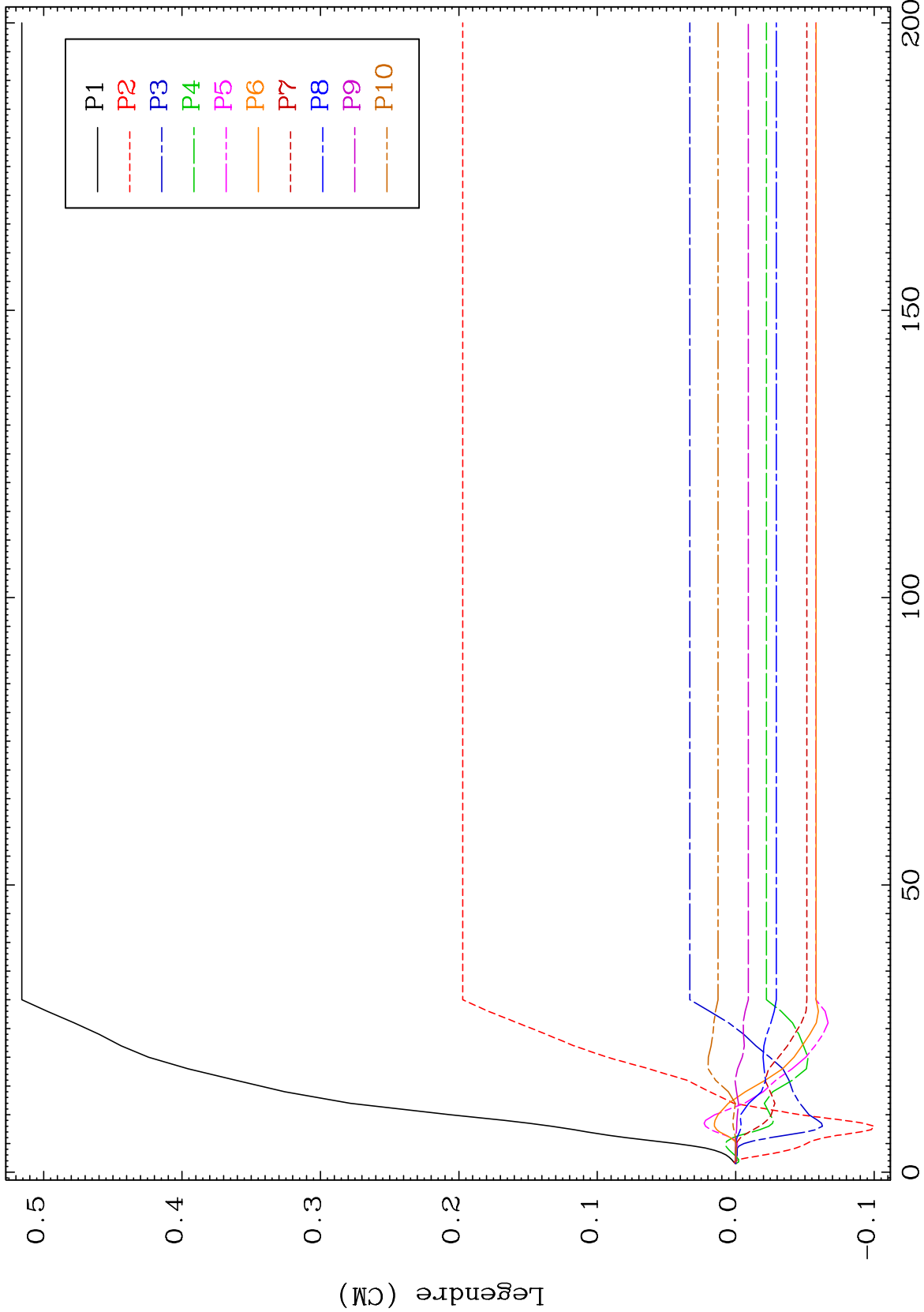
Incident Energy (MeV)

81-T1-203

MAT 8125

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

81-T1-203



93

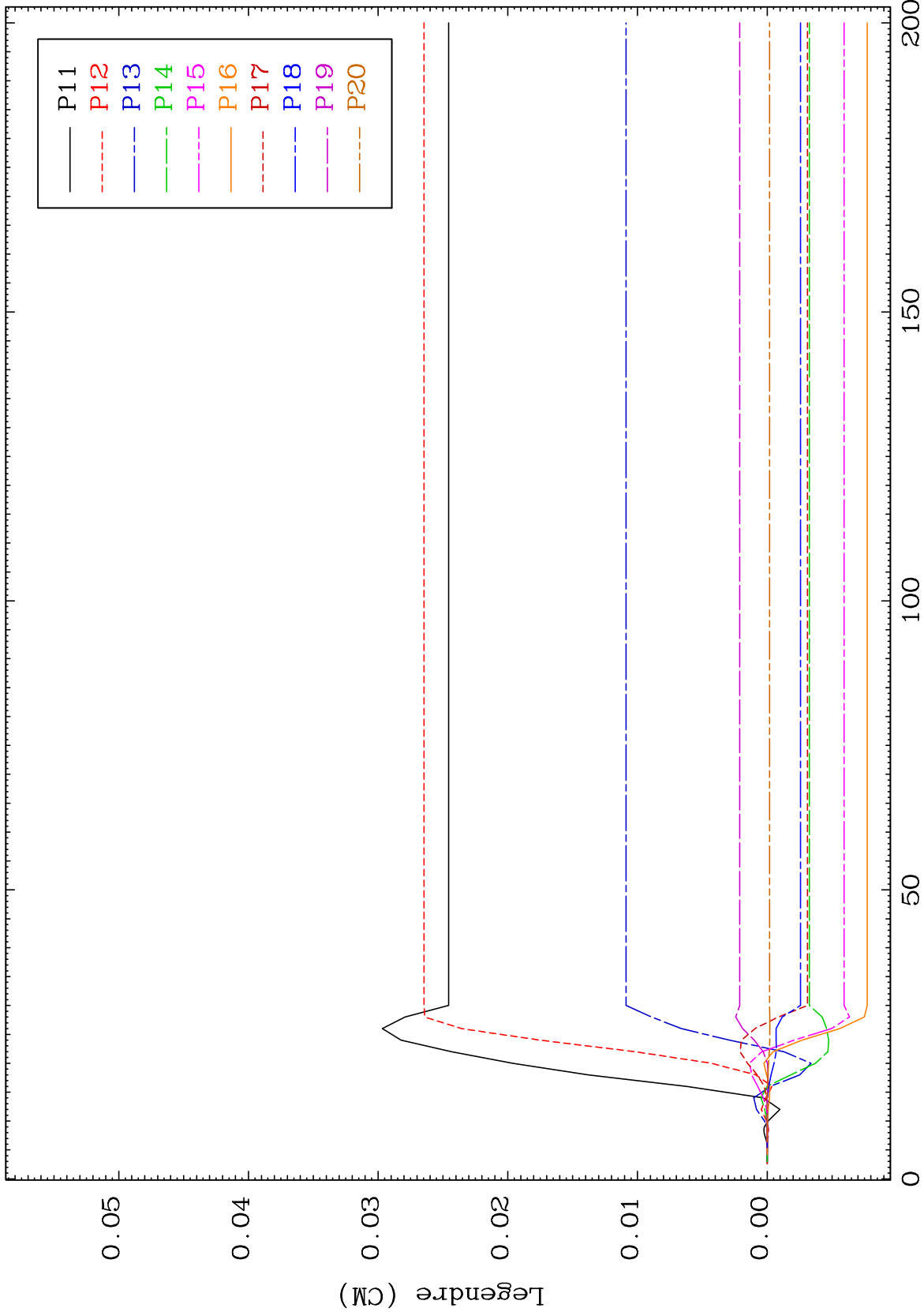
Incident Energy (MeV)

81-T1-203

MAT 8125

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

81-T1-203



94

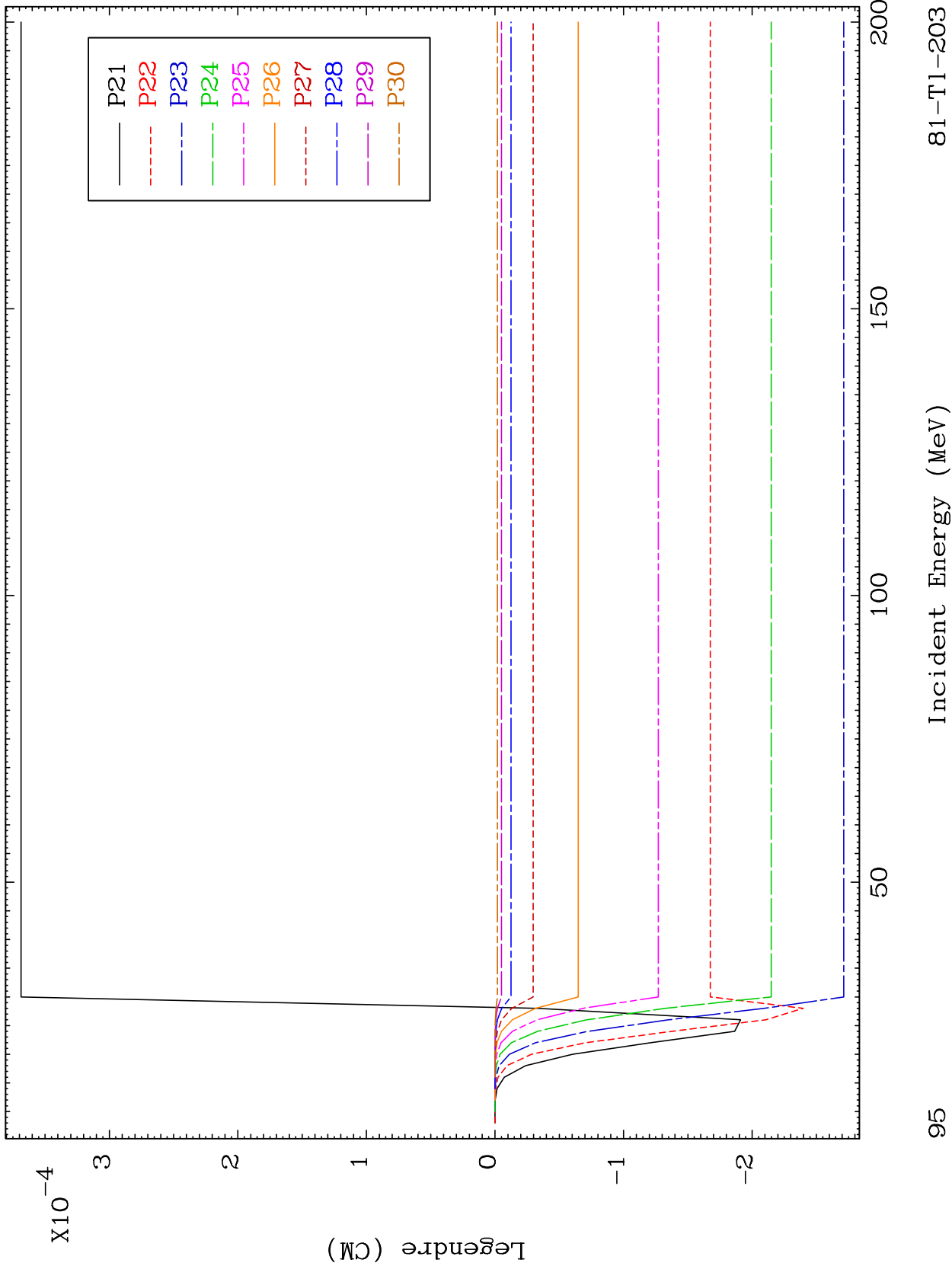
Incident Energy (MeV)

81-T1-203

MAT 8125

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

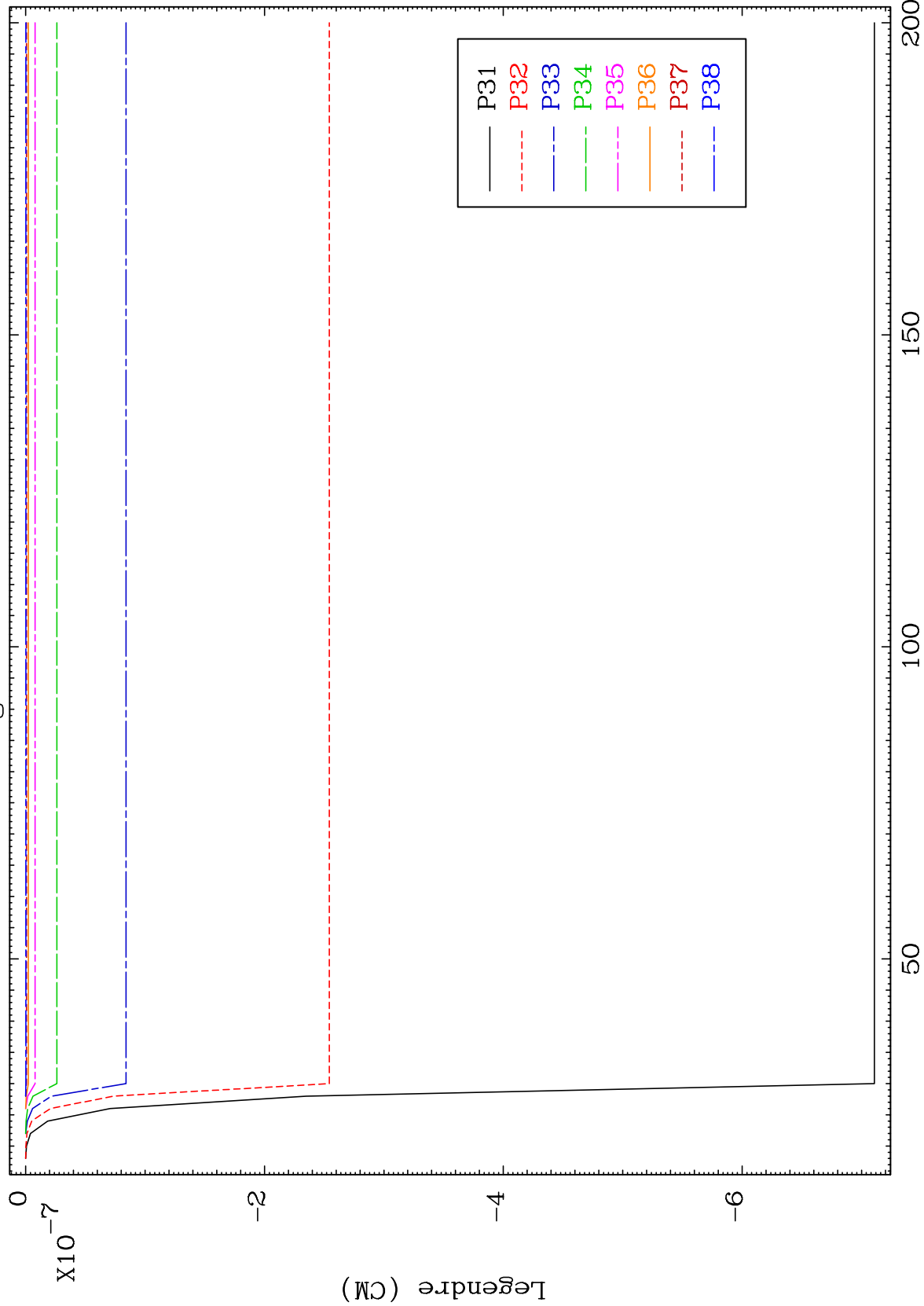
81-T1-203



MAT 8125

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

81-T1-203



96

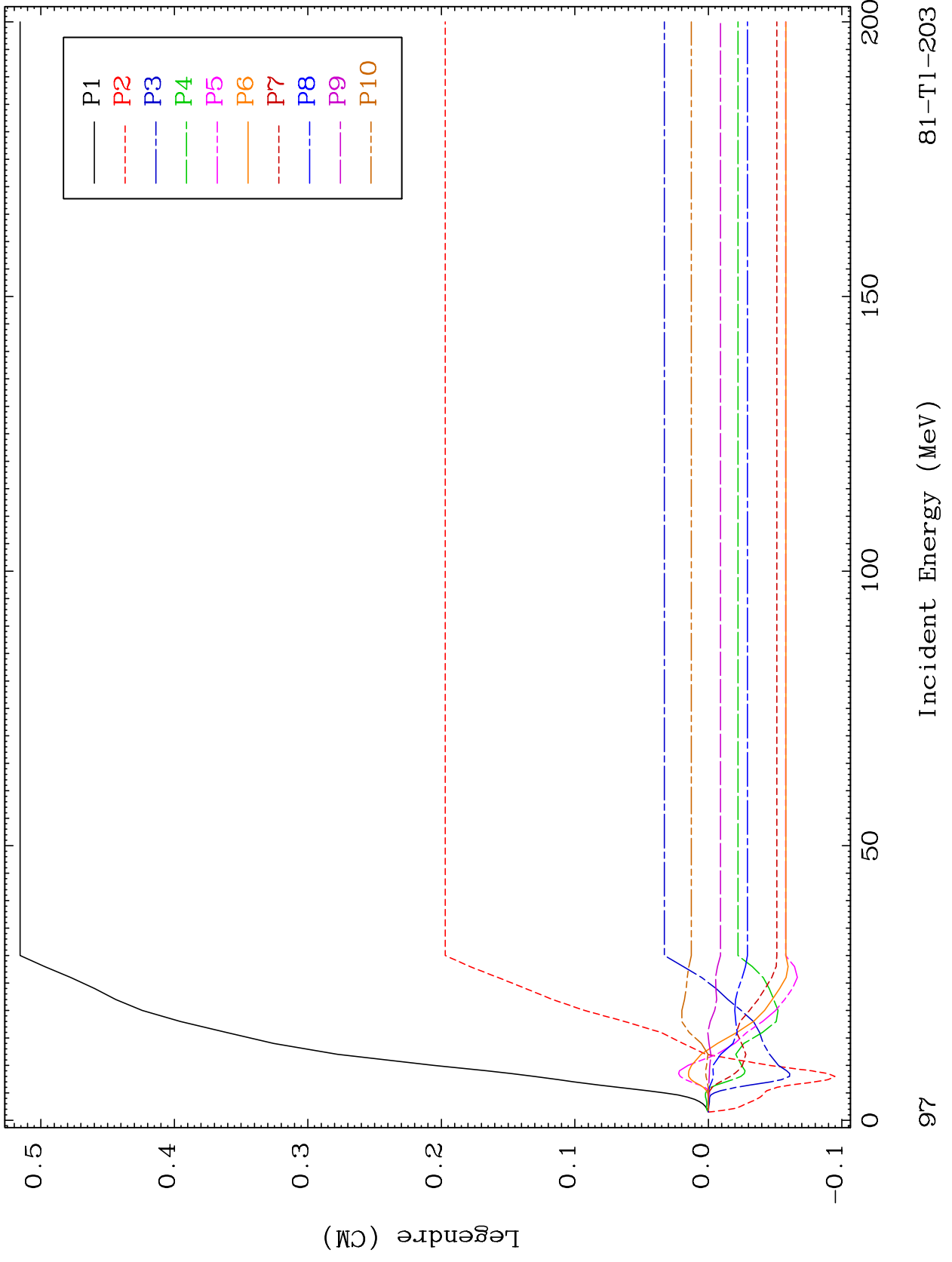
Incident Energy (MeV)

81-T1-203

MAT 8125

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

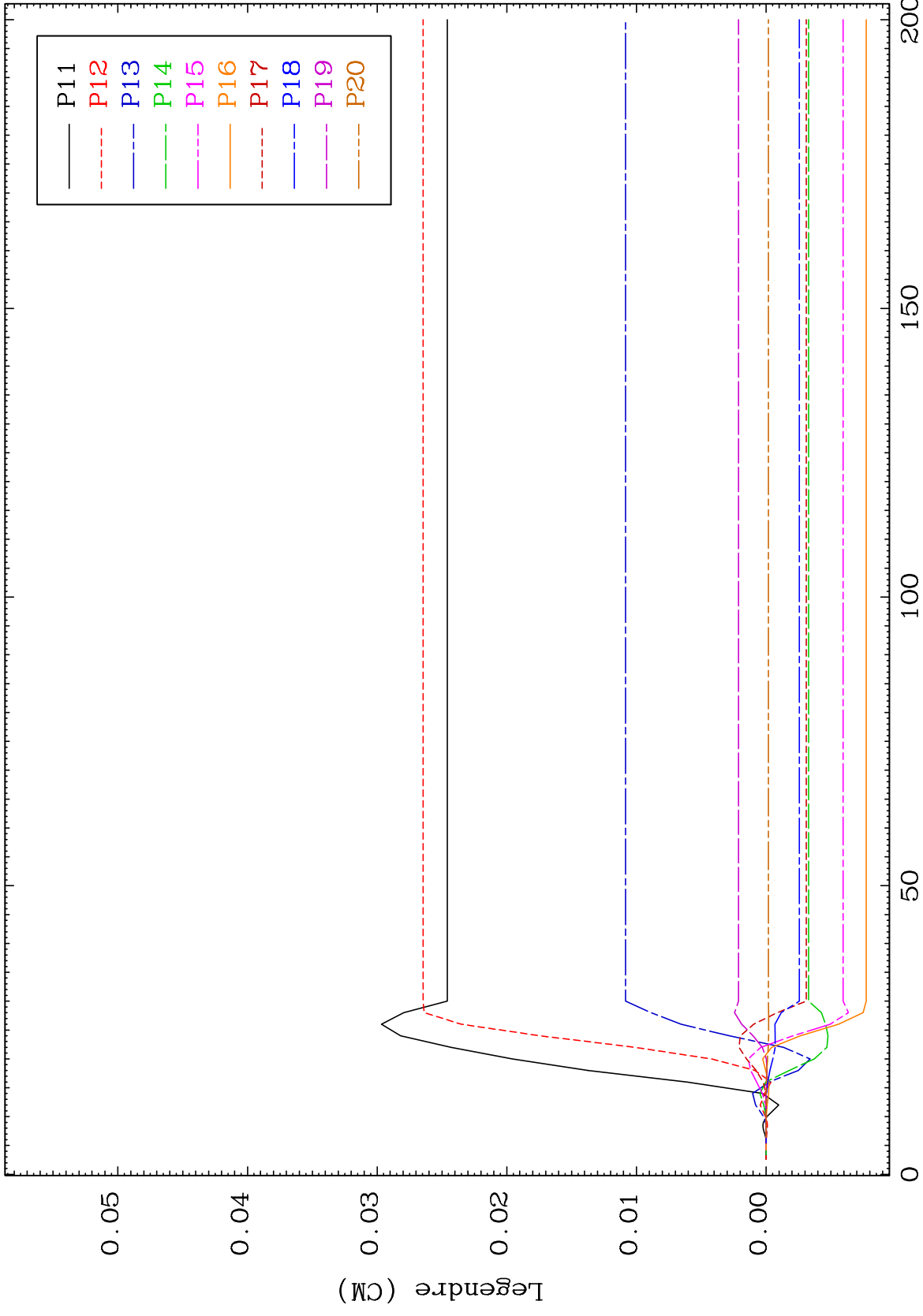
81-T1-203



MAT 8125

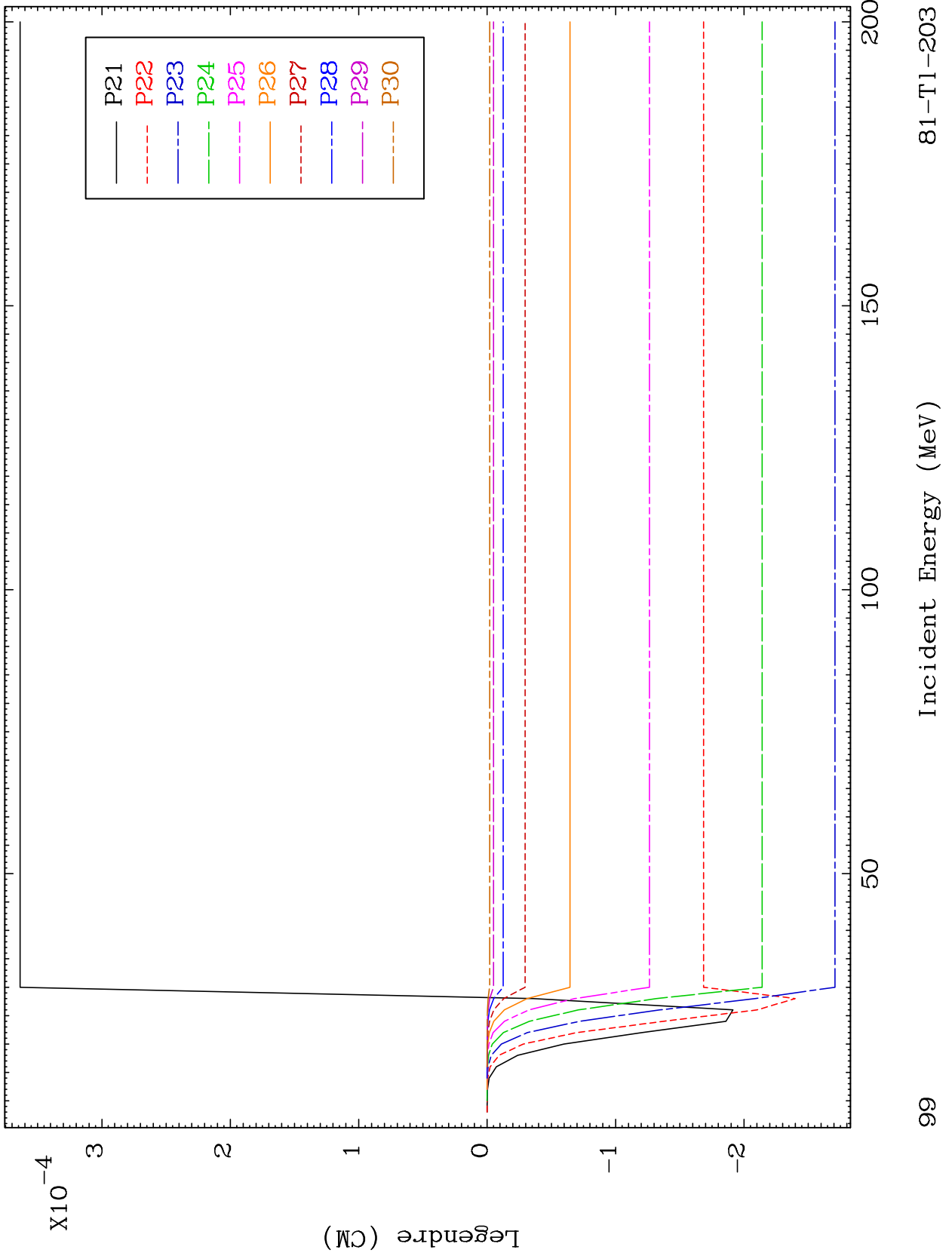
MT= 72 (n,n') Level
Legendre Coefficients

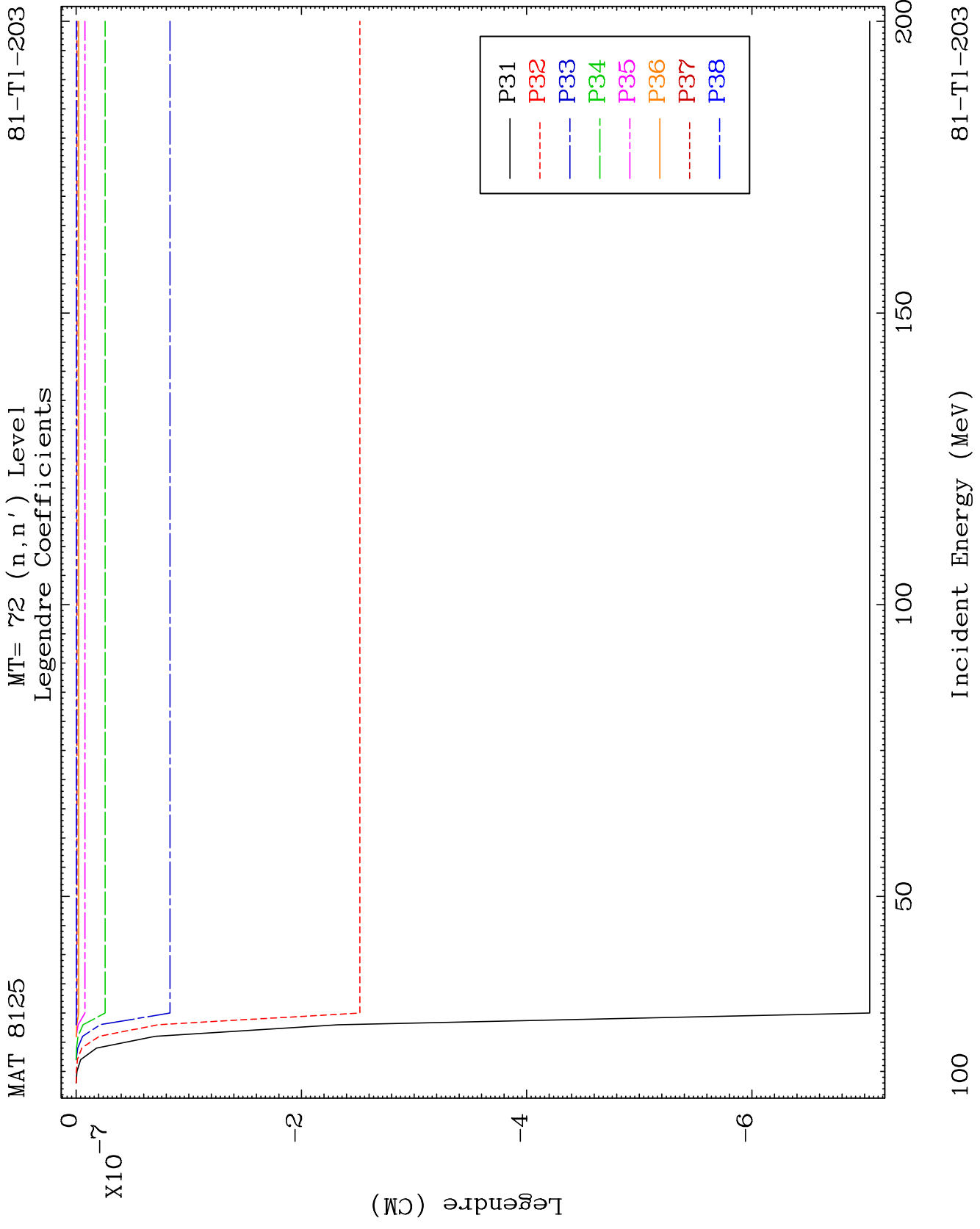
81-T1-203



98

81-T1-203

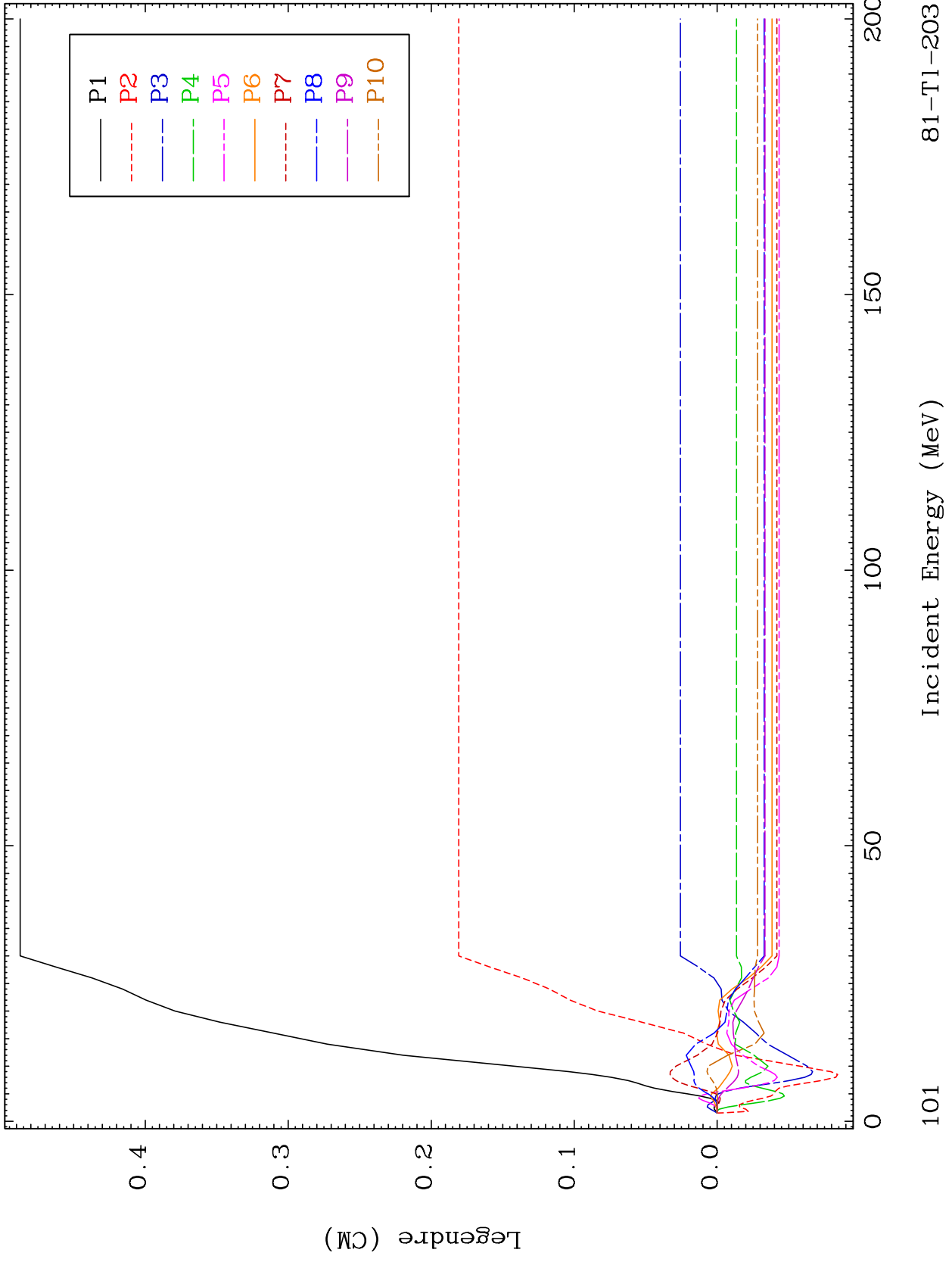




MAT 8125

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

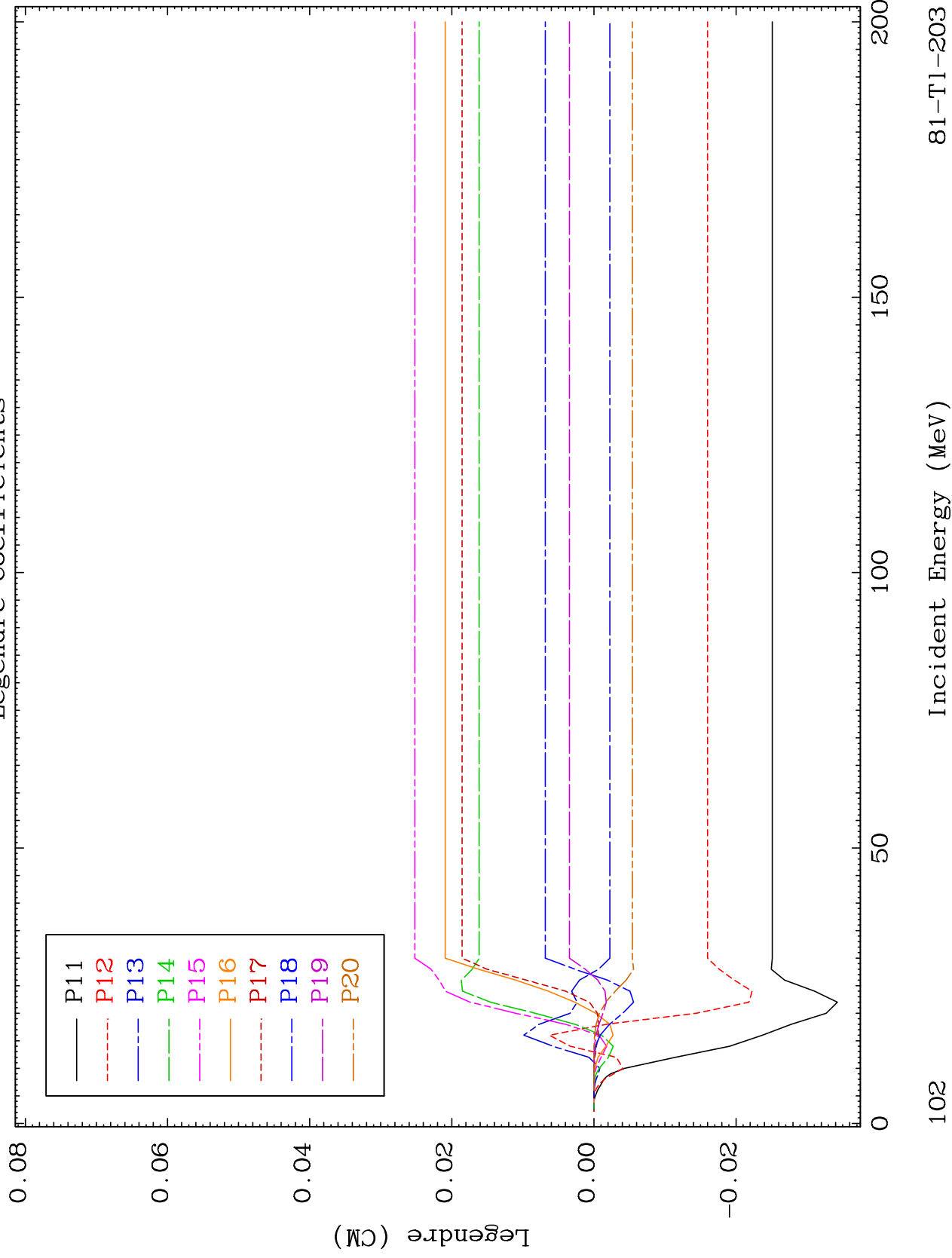
81-T1-203



MAT 8125

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

81-T1-203



81-T1-203

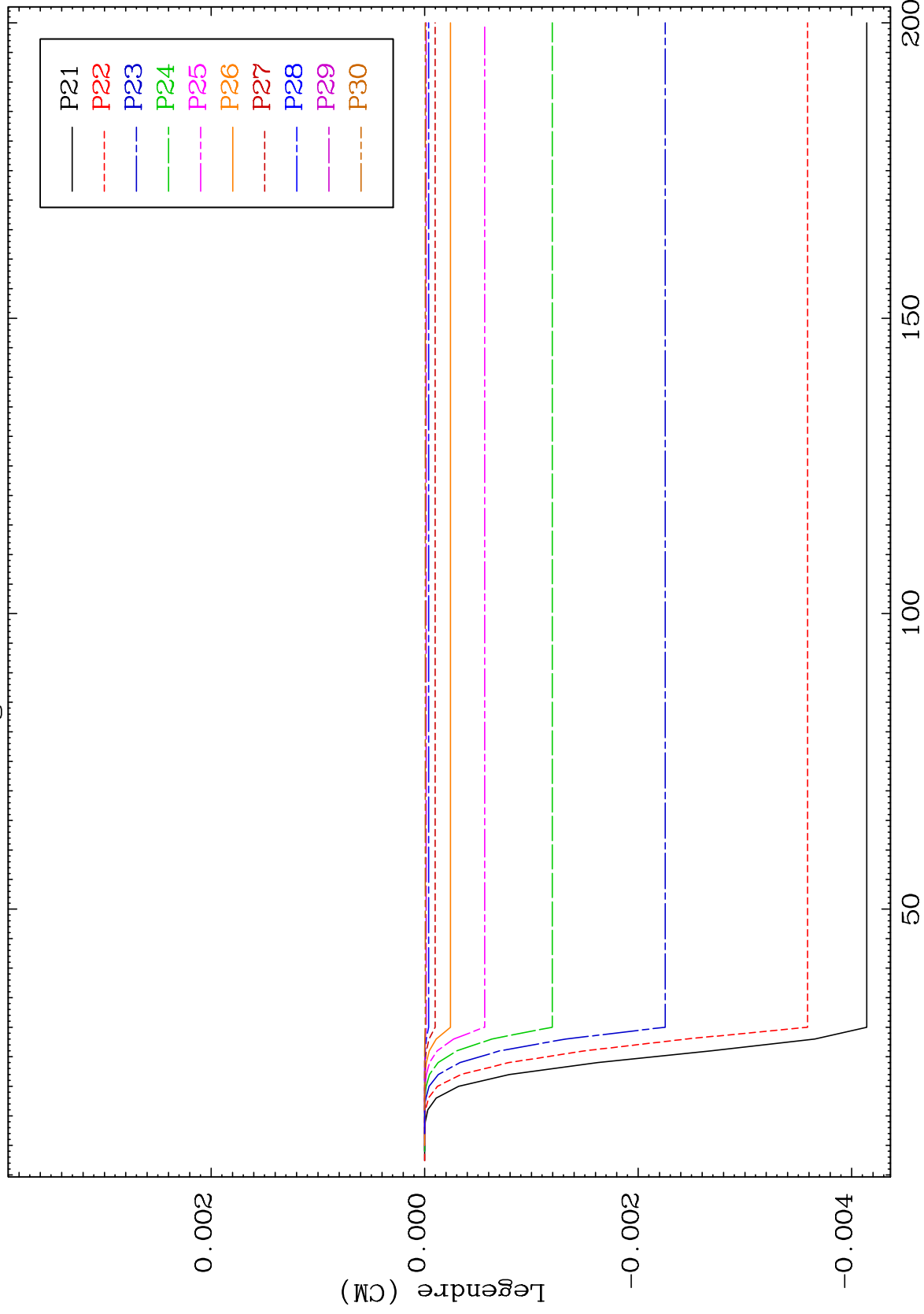
Incident Energy (MeV)

102

MAT 8125

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

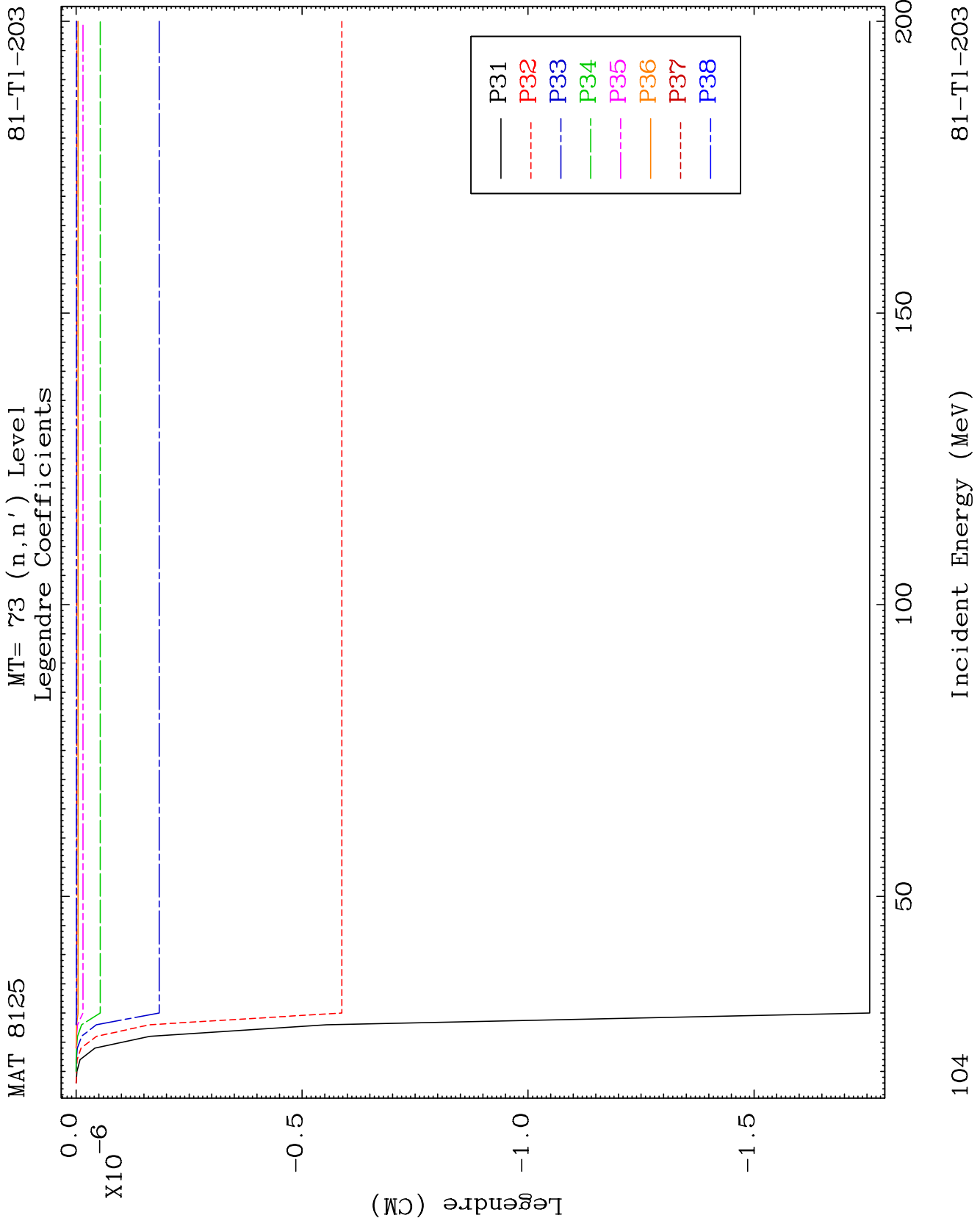
81-T1-203



103

Incident Energy (MeV)

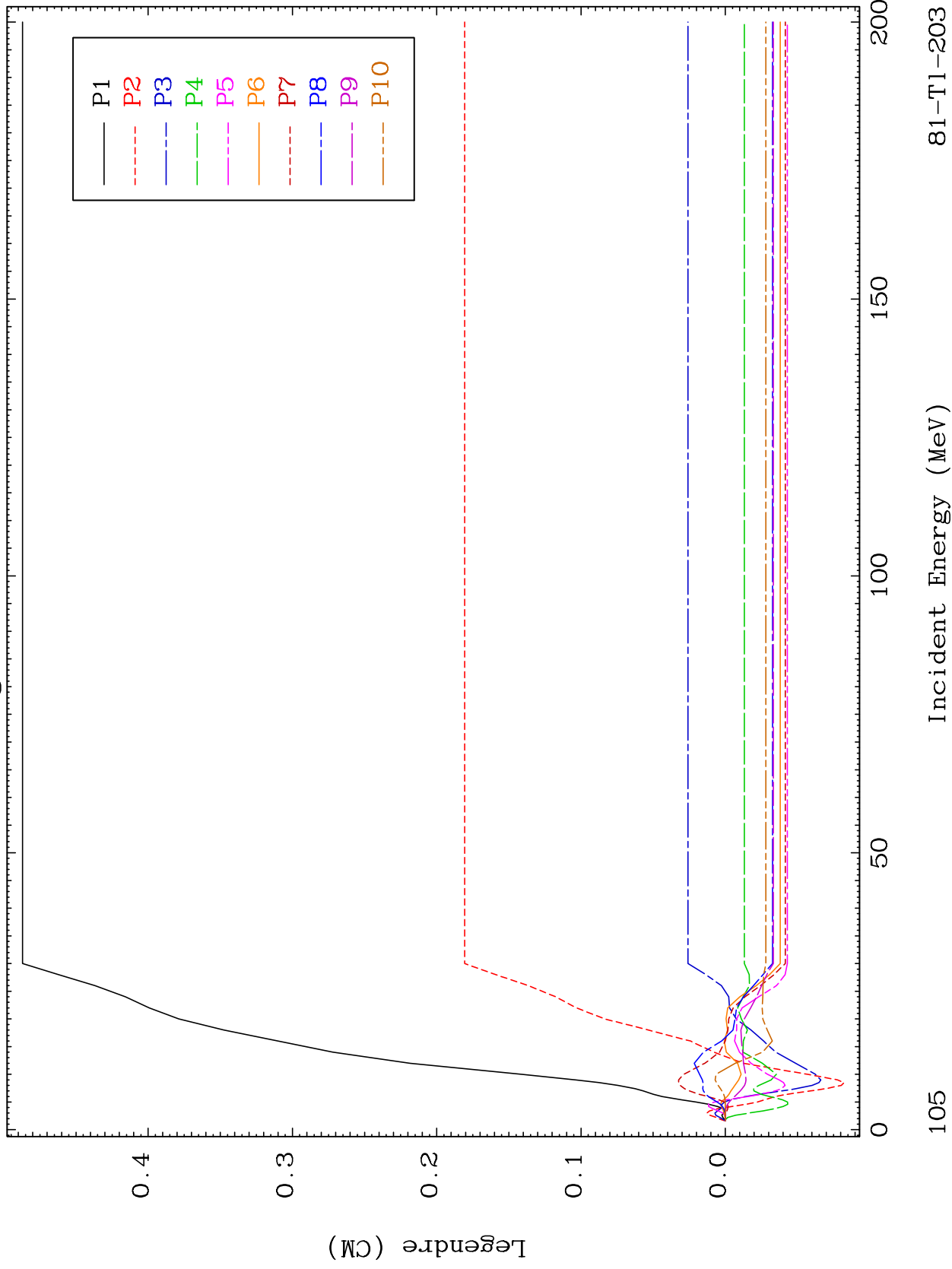
81-T1-203



MAT 8125

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

81-T1-203



81-T1-203

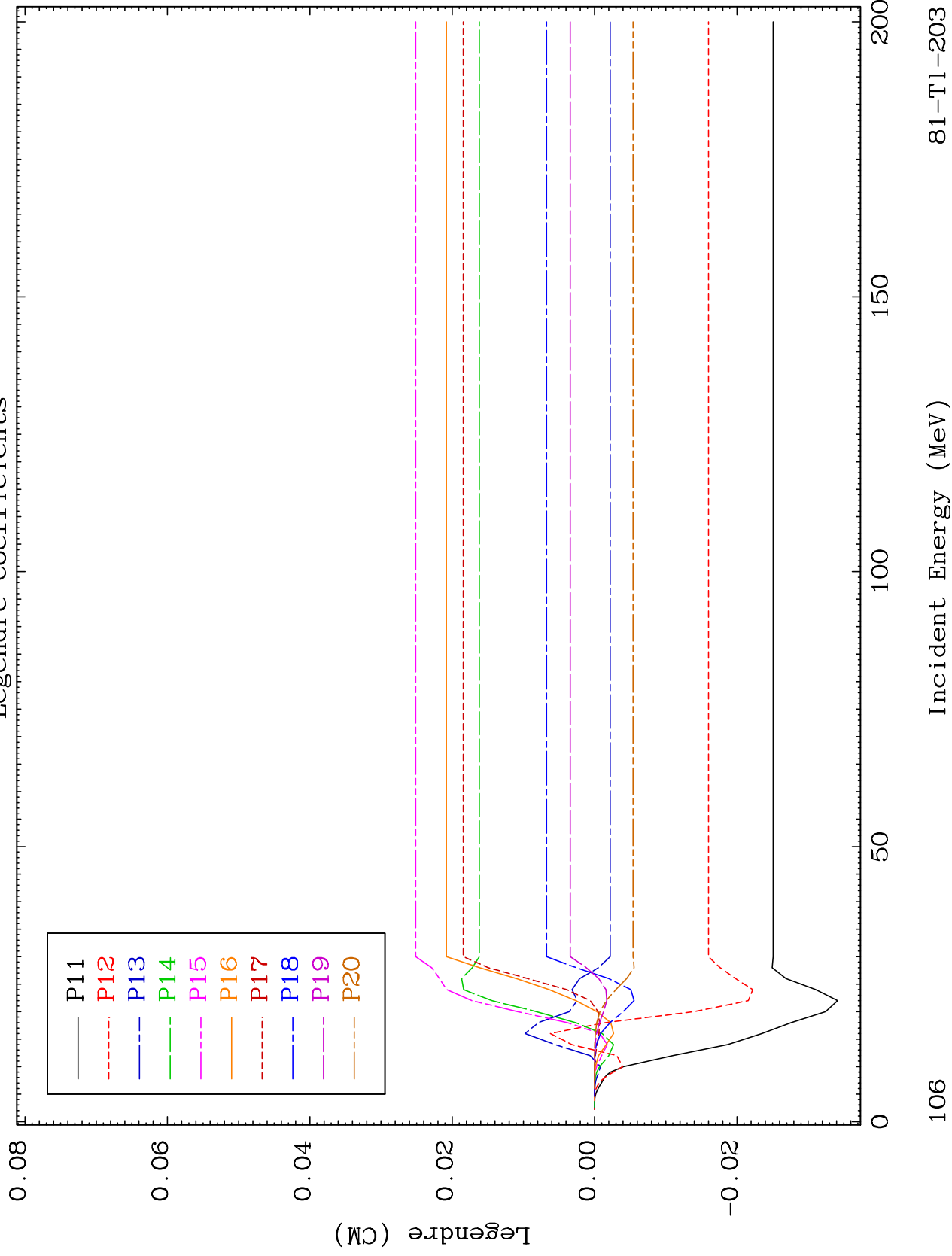
Incident Energy (MeV)

105

MAT 8125

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

81-T1-203



106

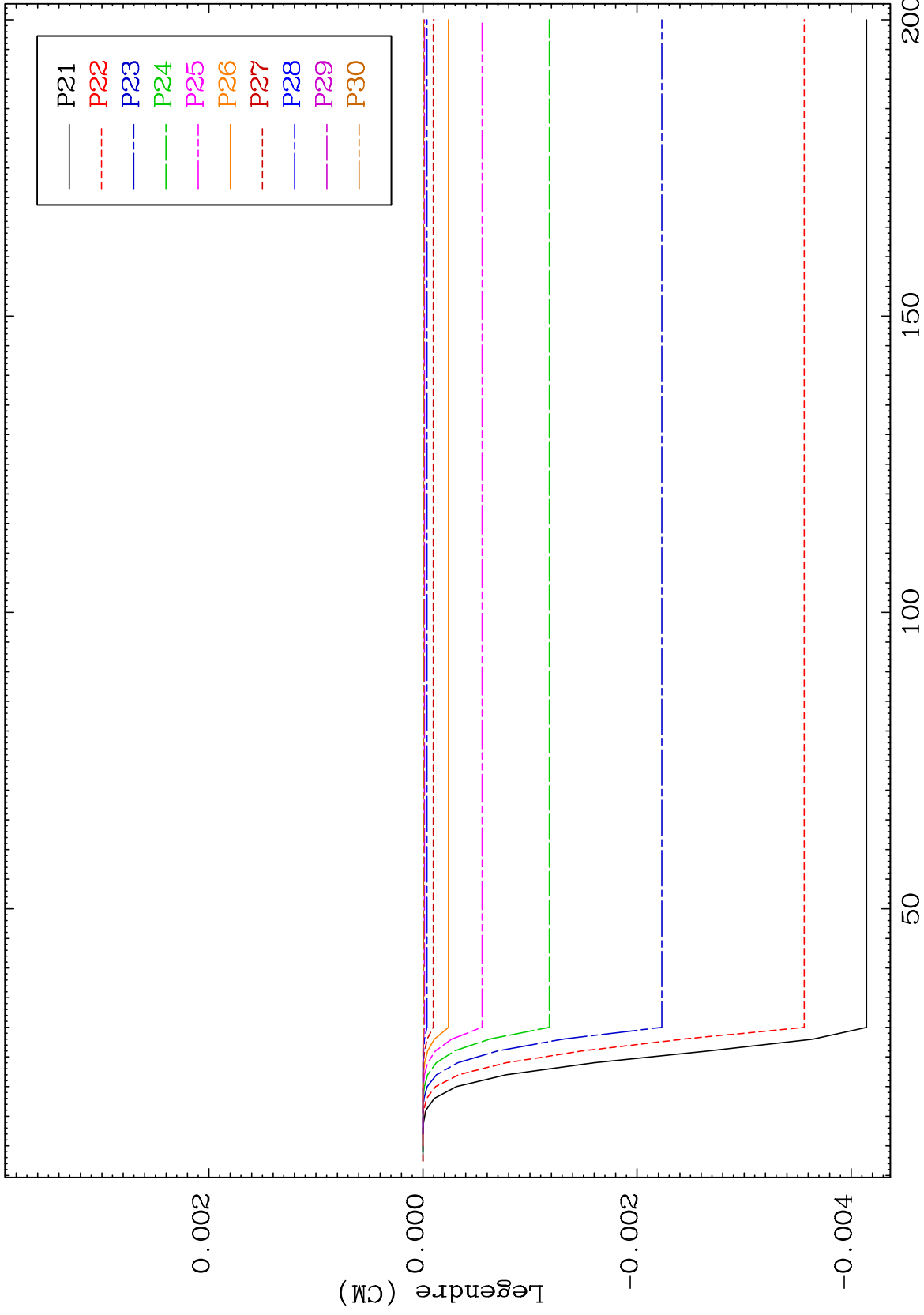
Incident Energy (MeV)

81-T1-203

MAT 8125

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

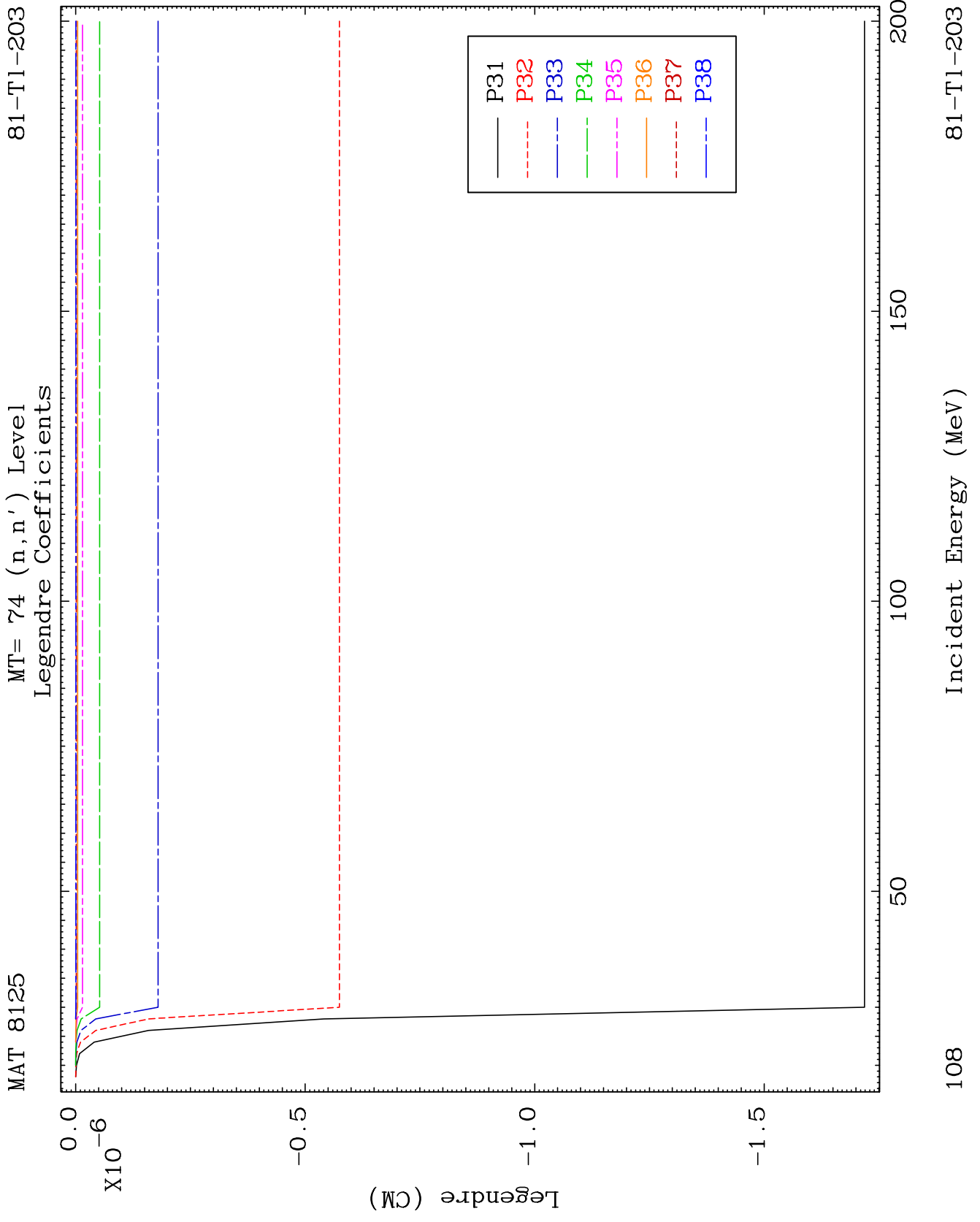
81-T1-203



107

Incident Energy (MeV)

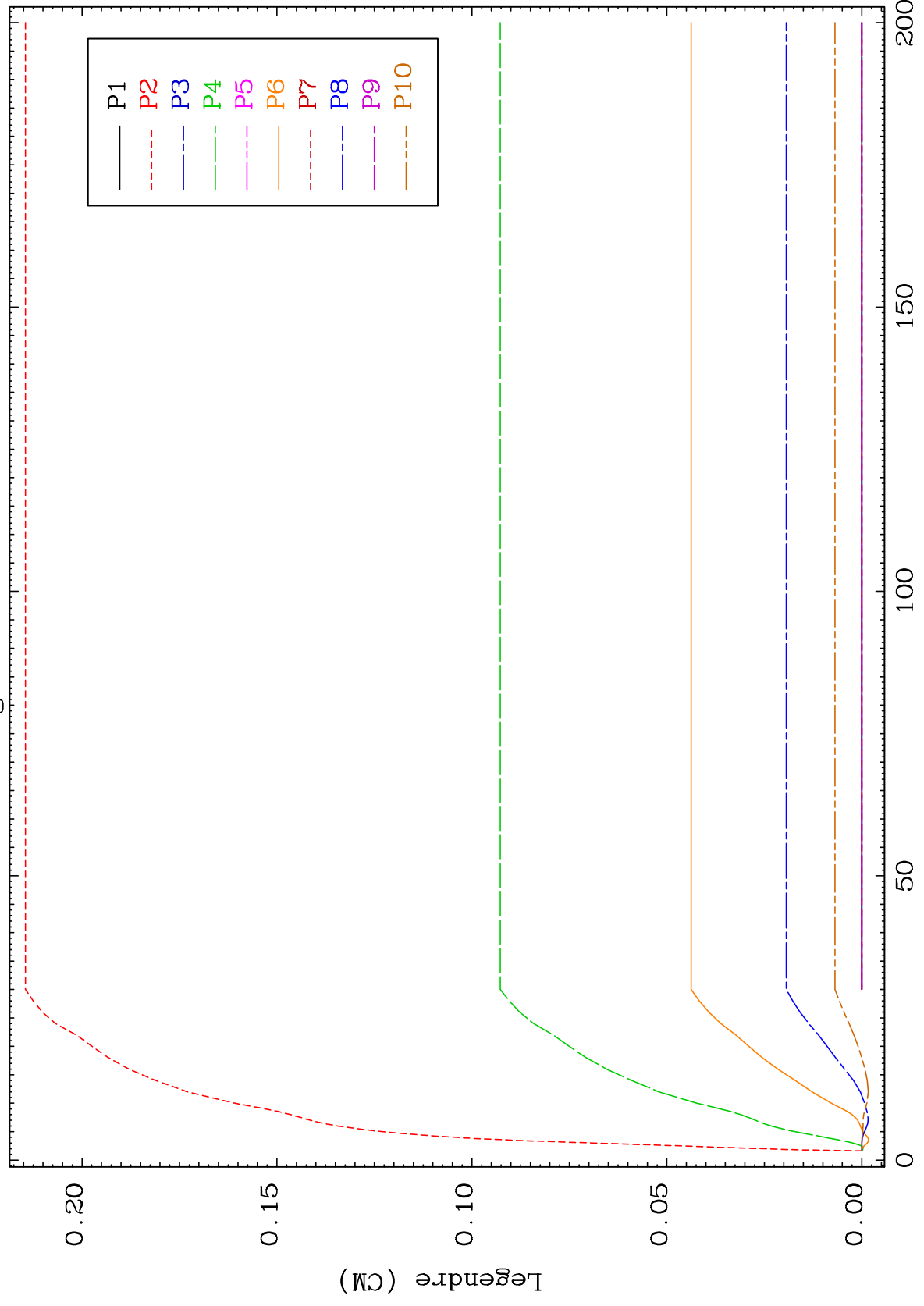
81-T1-203



MAT 8125

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

81-T1-203



109

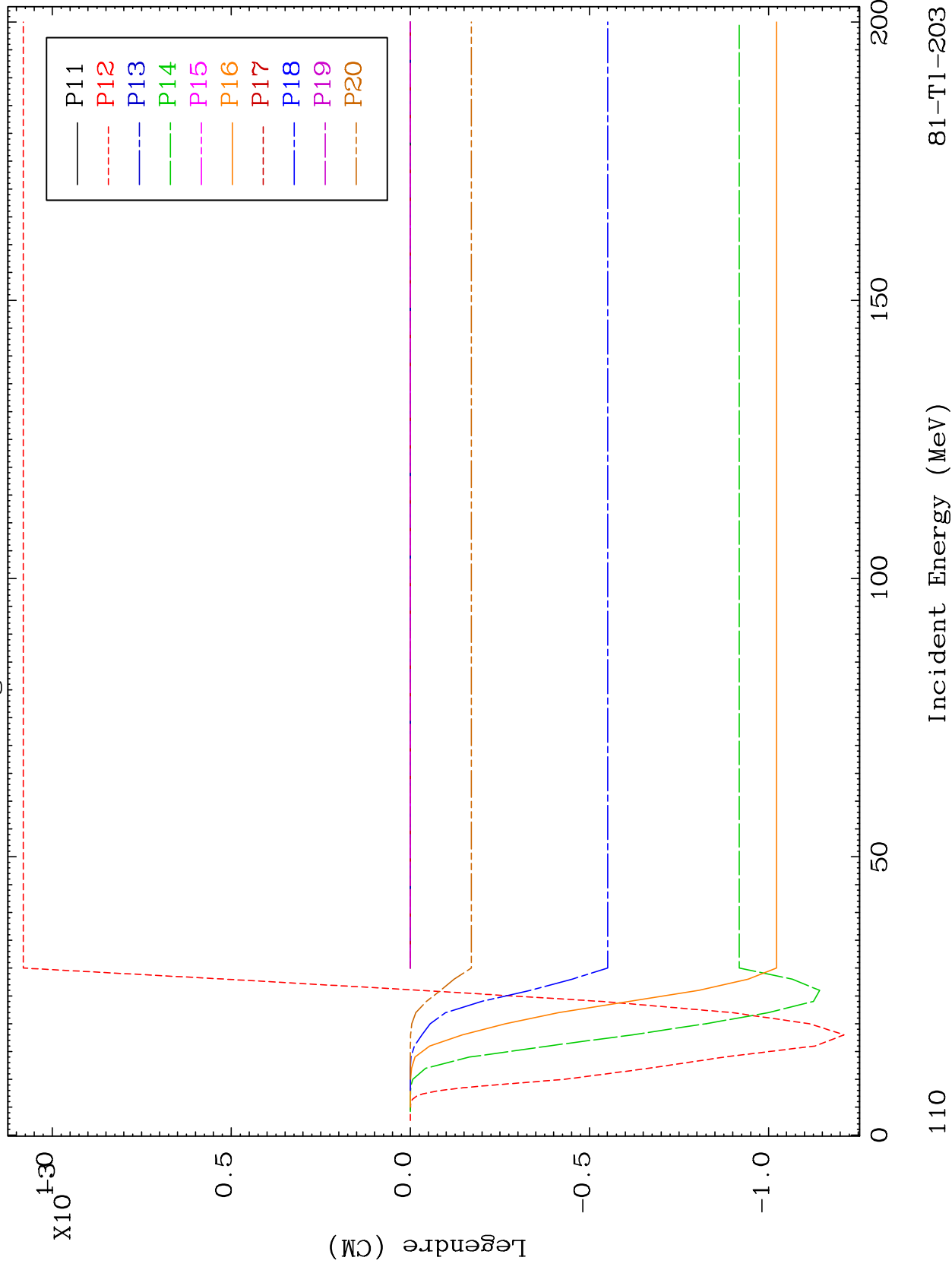
Incident Energy (MeV)

81-T1-203

MAT 8125

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

81-T1-203



81-T1-203

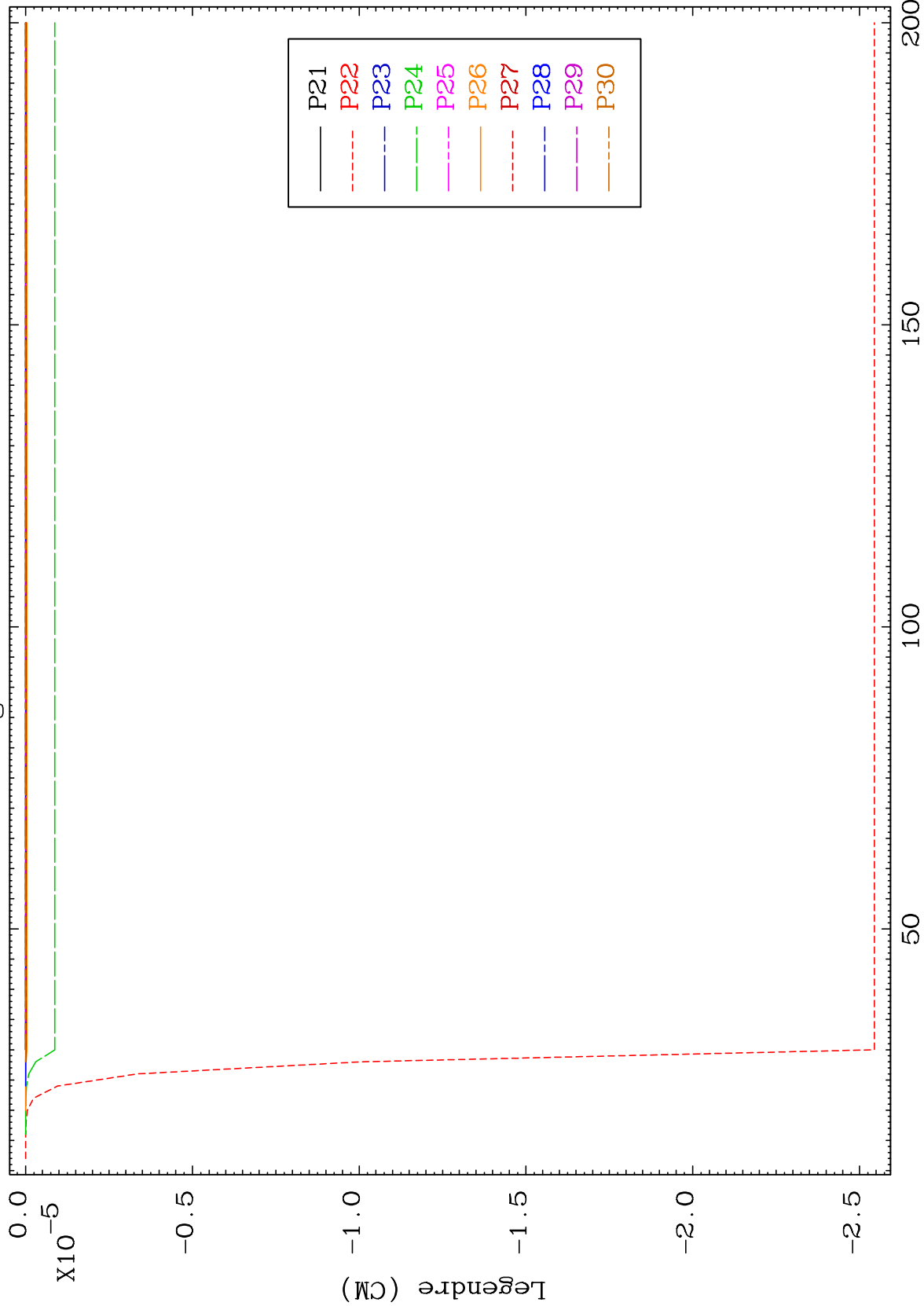
Incident Energy (MeV)

110

MAT 8125

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

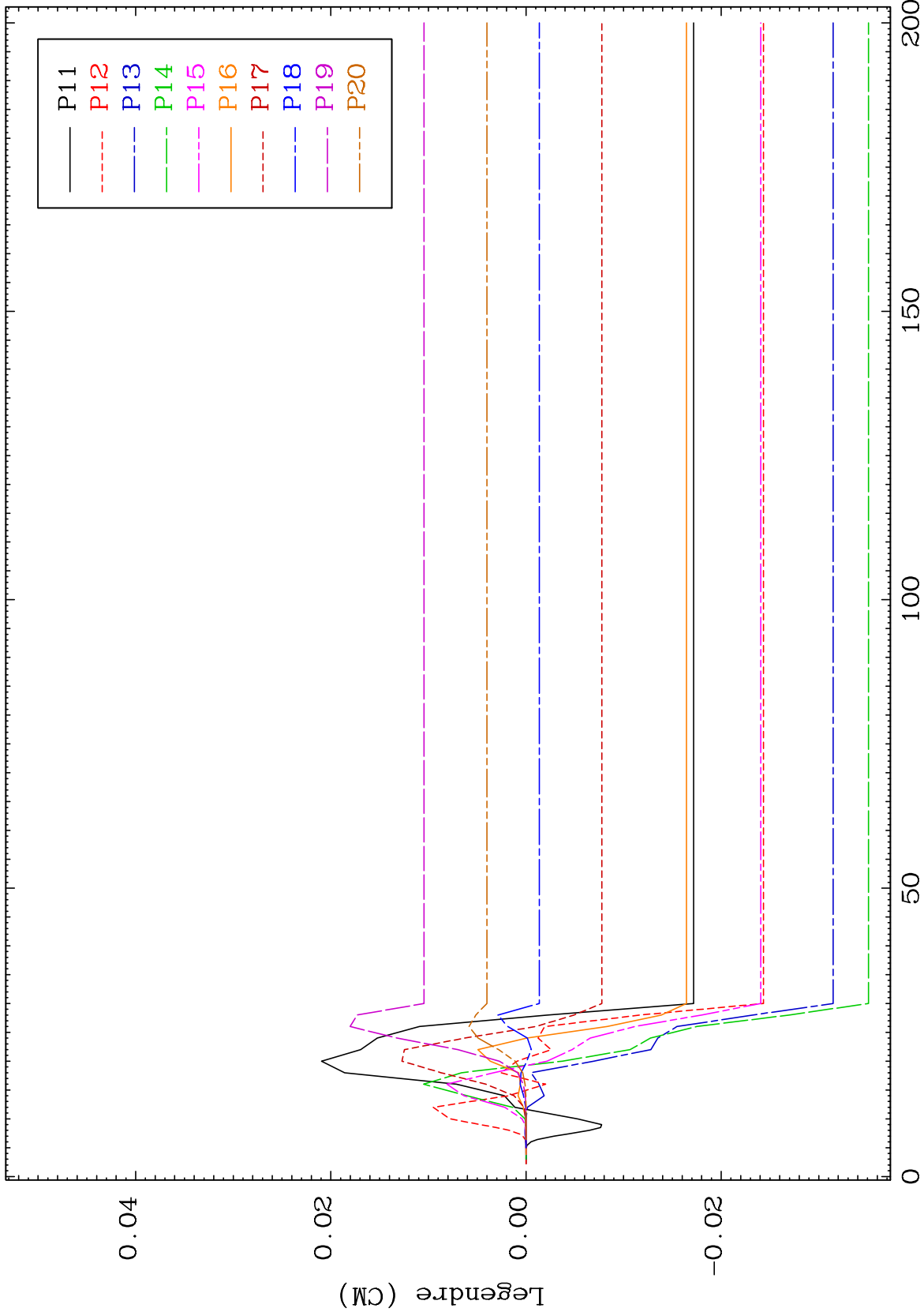
81-T1-203



MAT 8125

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

81-T1-203



113

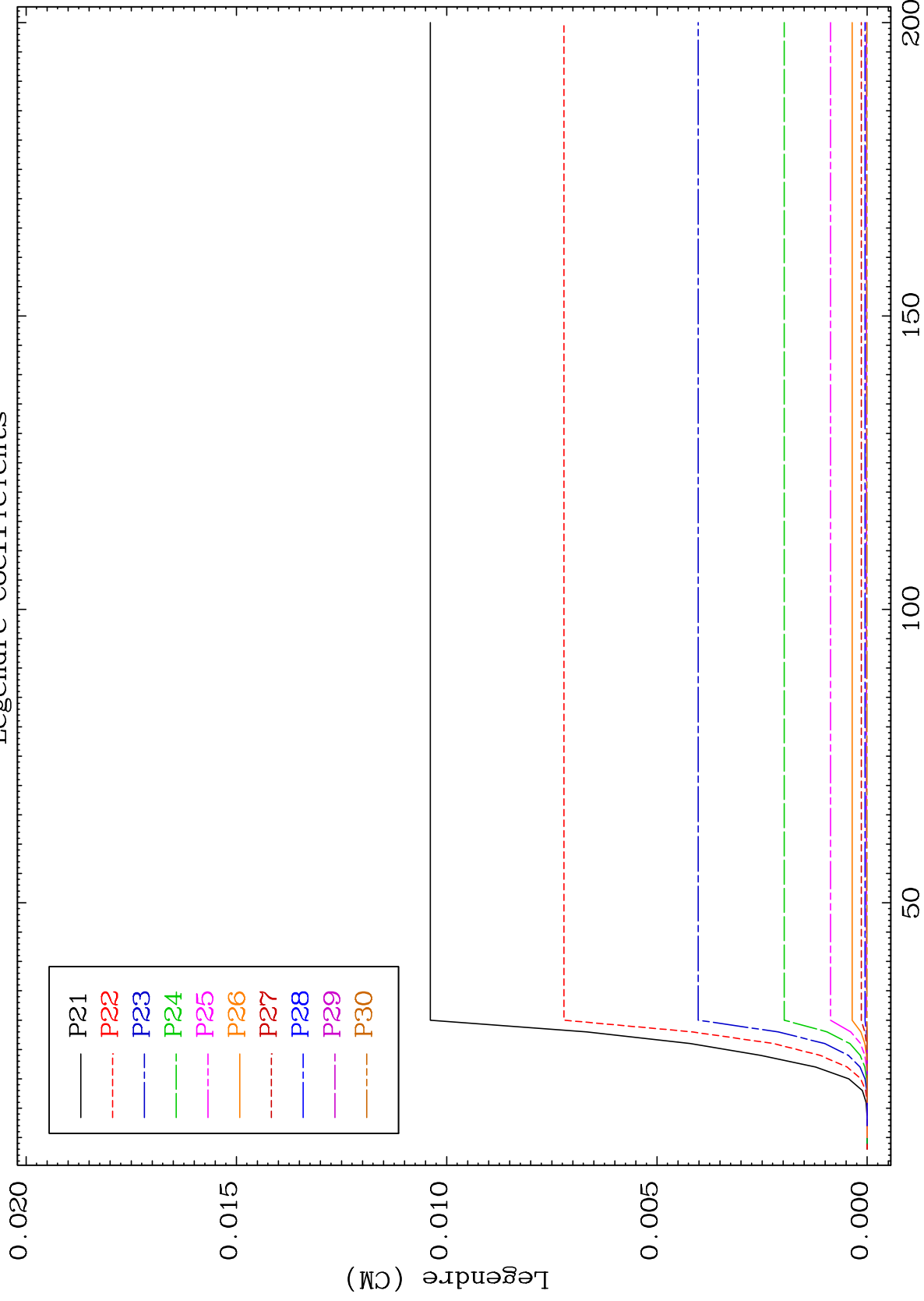
Incident Energy (MeV)

81-T1-203

MAT 8125

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

81-T1-203



114

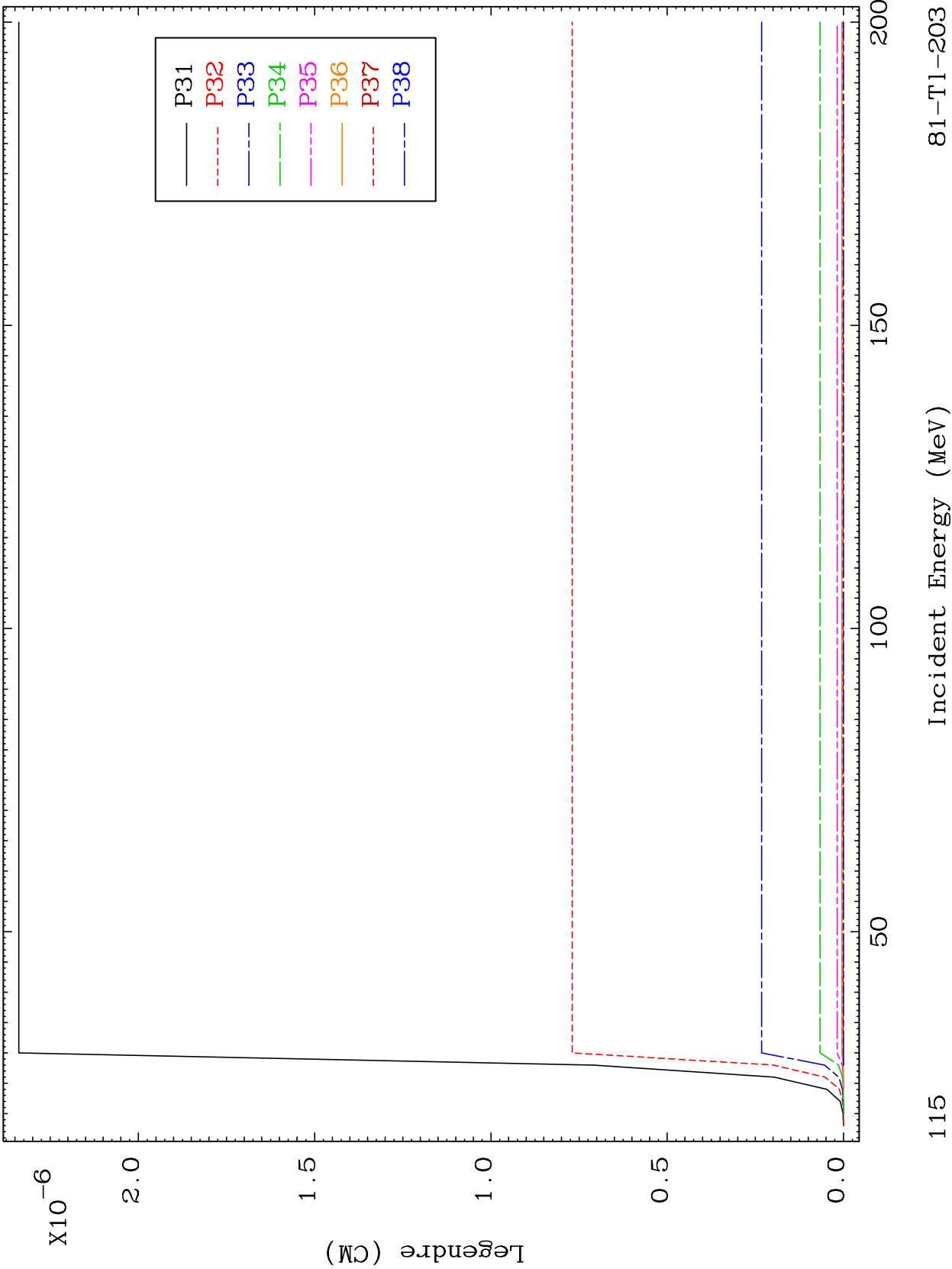
Incident Energy (MeV)

81-T1-203

MAT 8125

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

81-T1-203



115

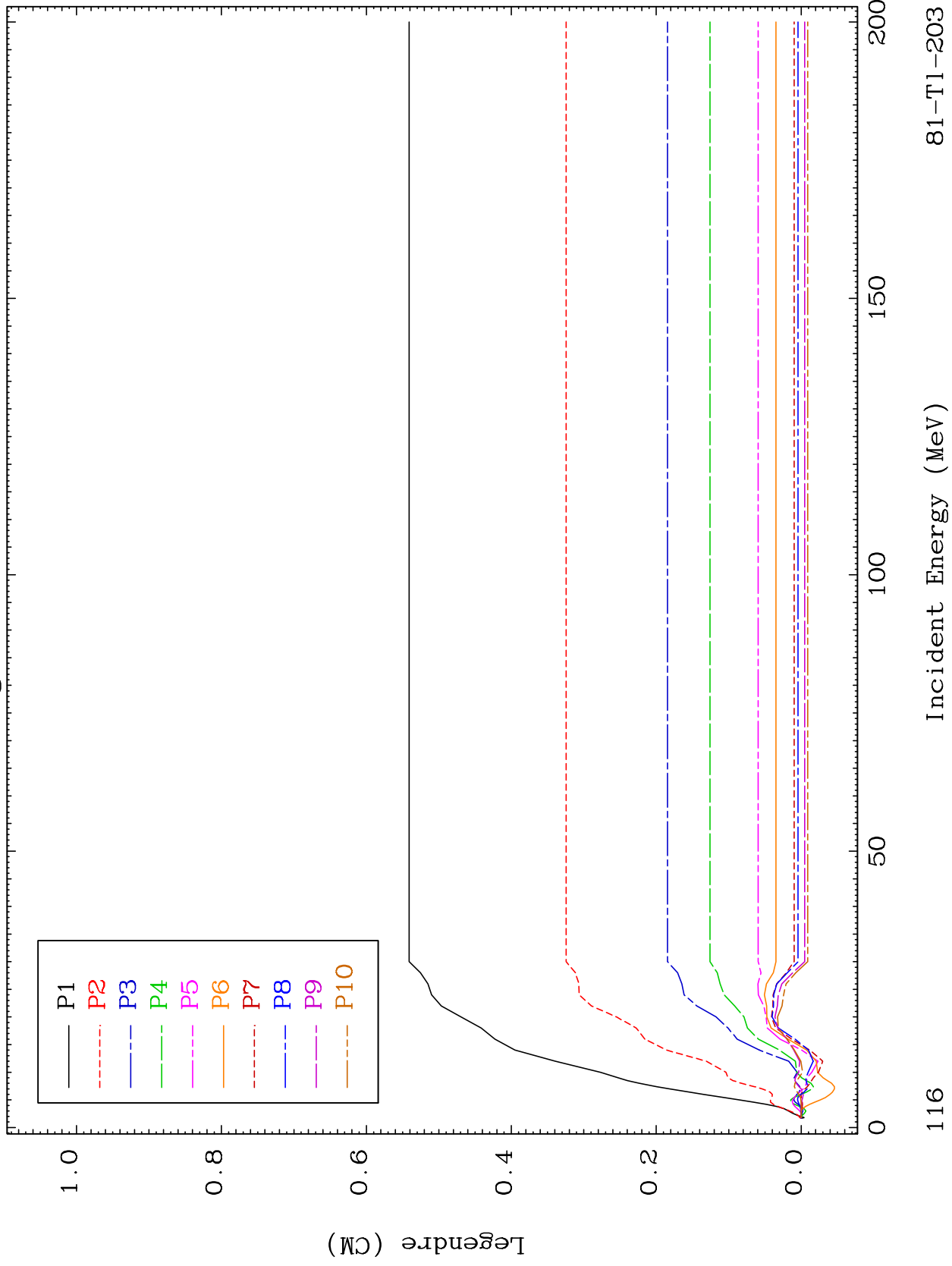
Incident Energy (MeV)

81-T1-203

MAT 8125

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

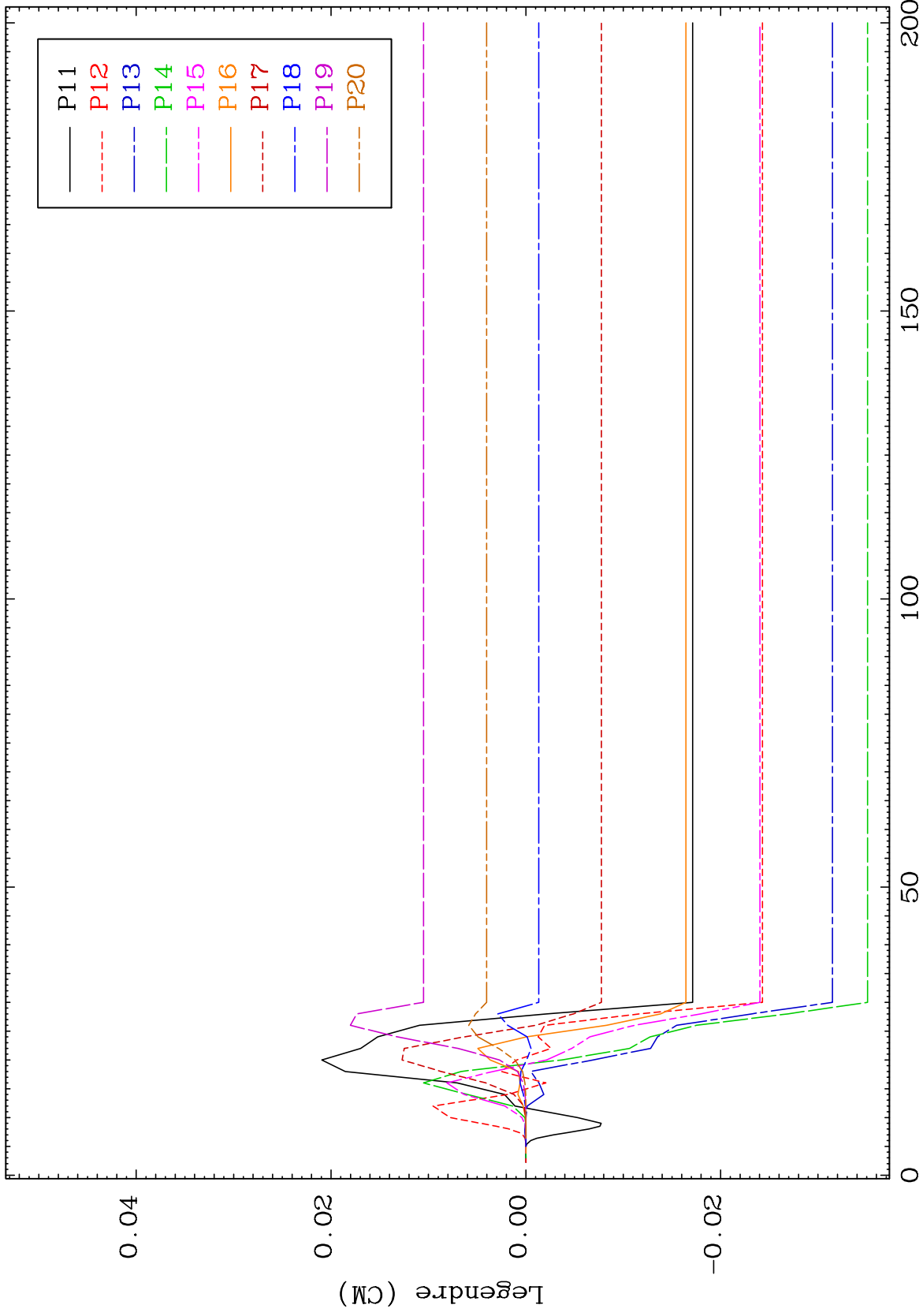
81-T1-203



MAT 8125

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

81-T1-203



117

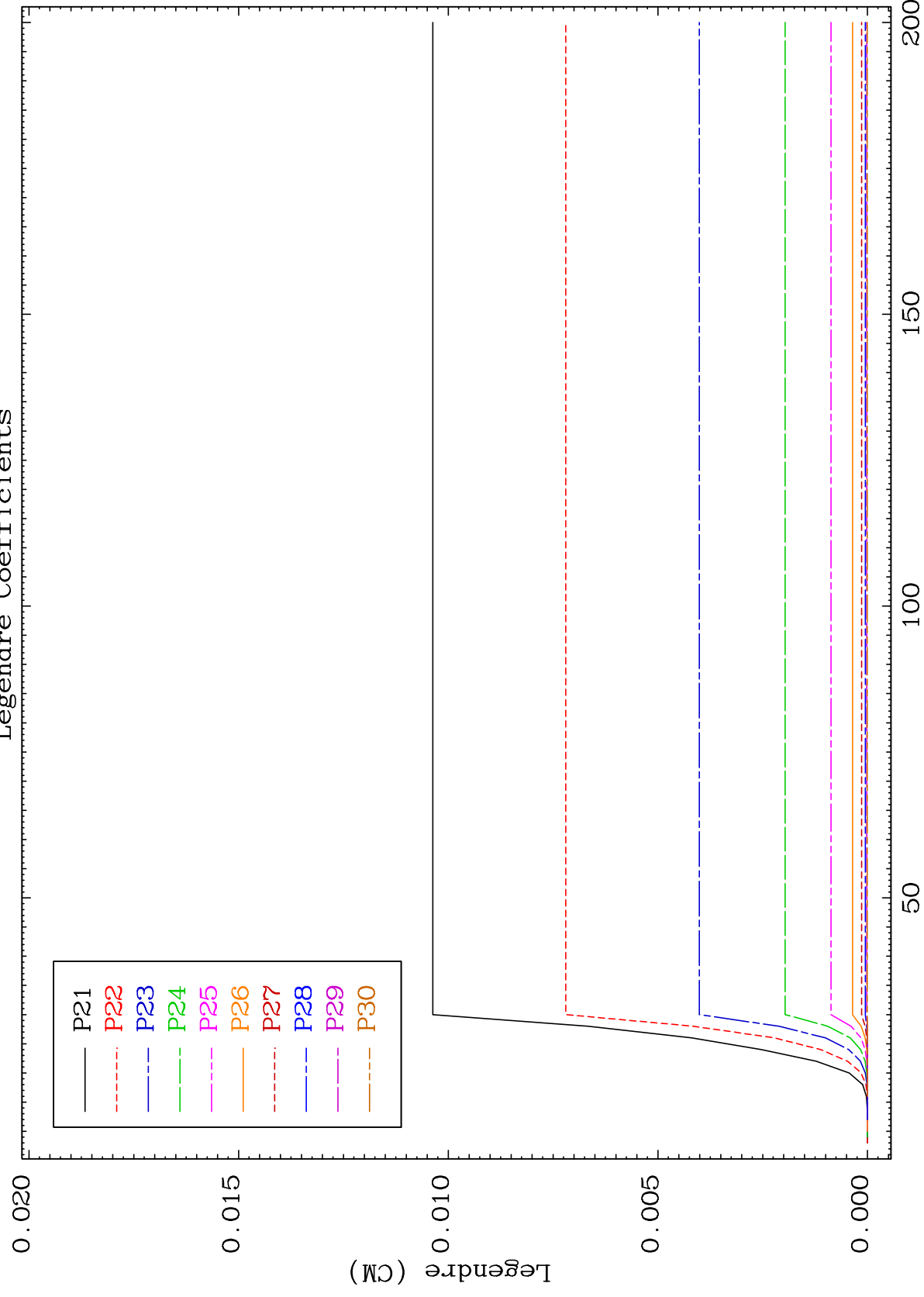
Incident Energy (MeV)

81-T1-203

MAT 8125

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

81-T1-203



118

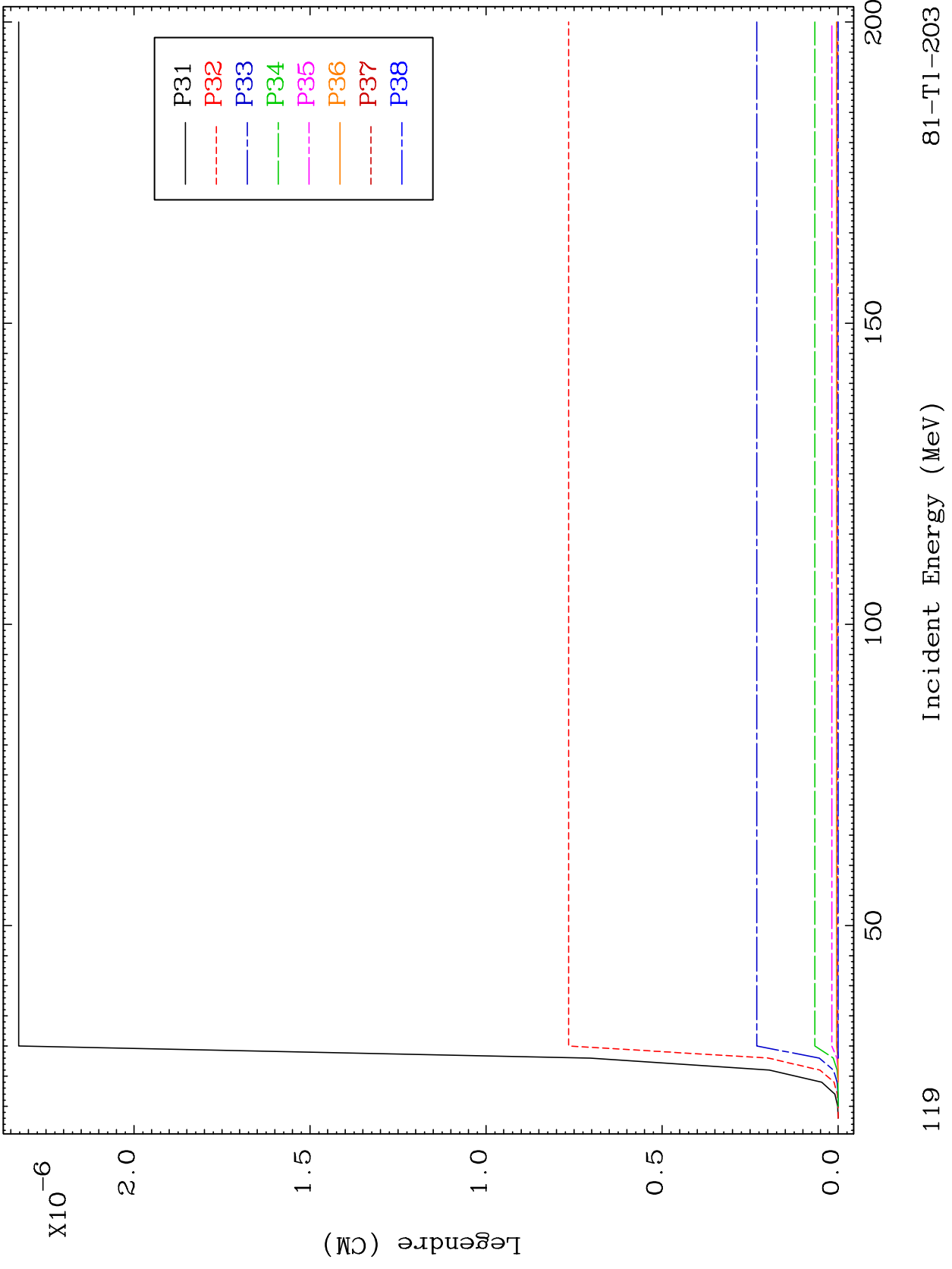
Incident Energy (MeV)

81-T1-203

MAT 8125

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

81-T1-203



119

Incident Energy (MeV)

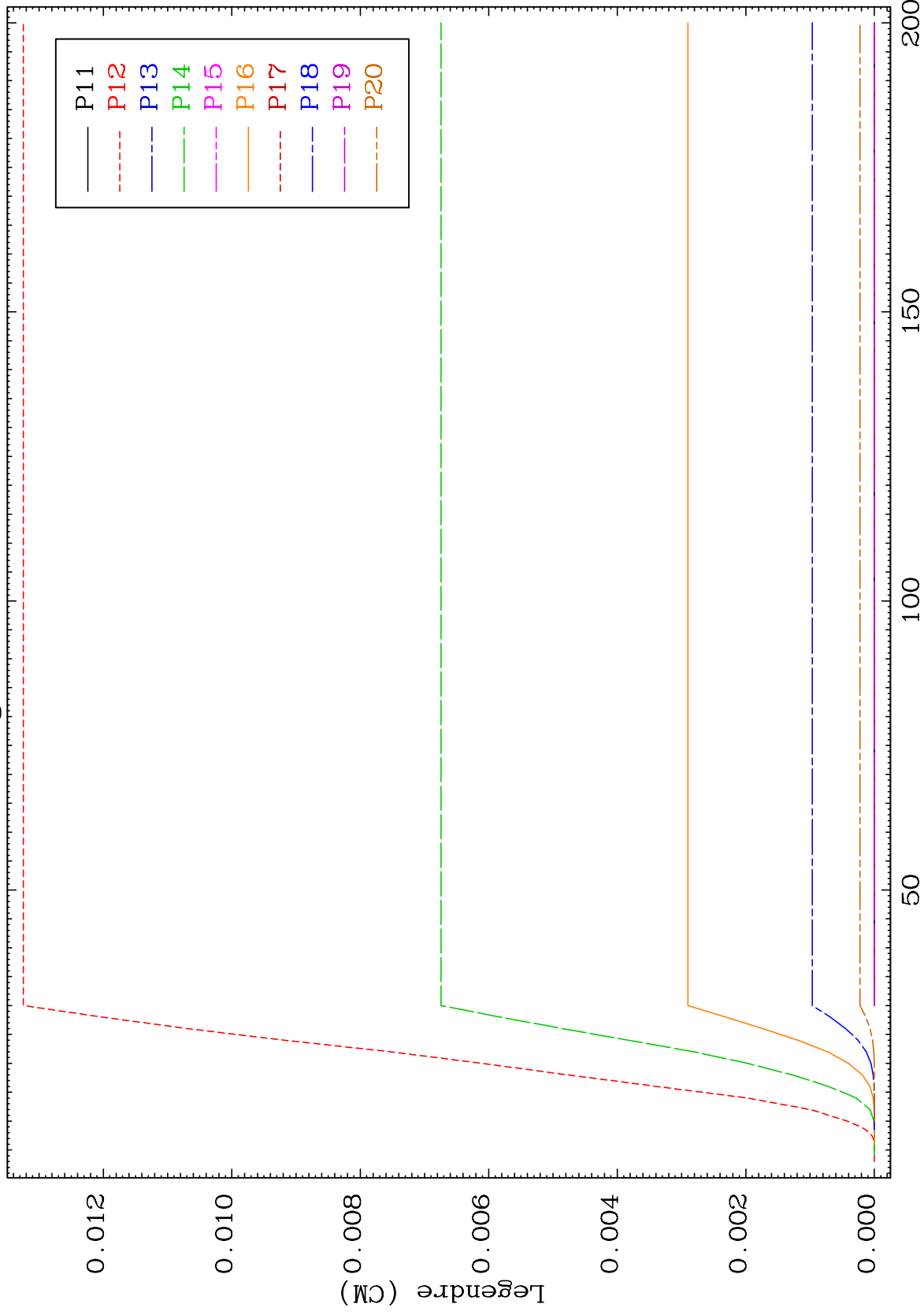
81-T1-203

MAT 8125

MT= 78 (n,n') Level

81-T1-203

Legendre Coefficients



121

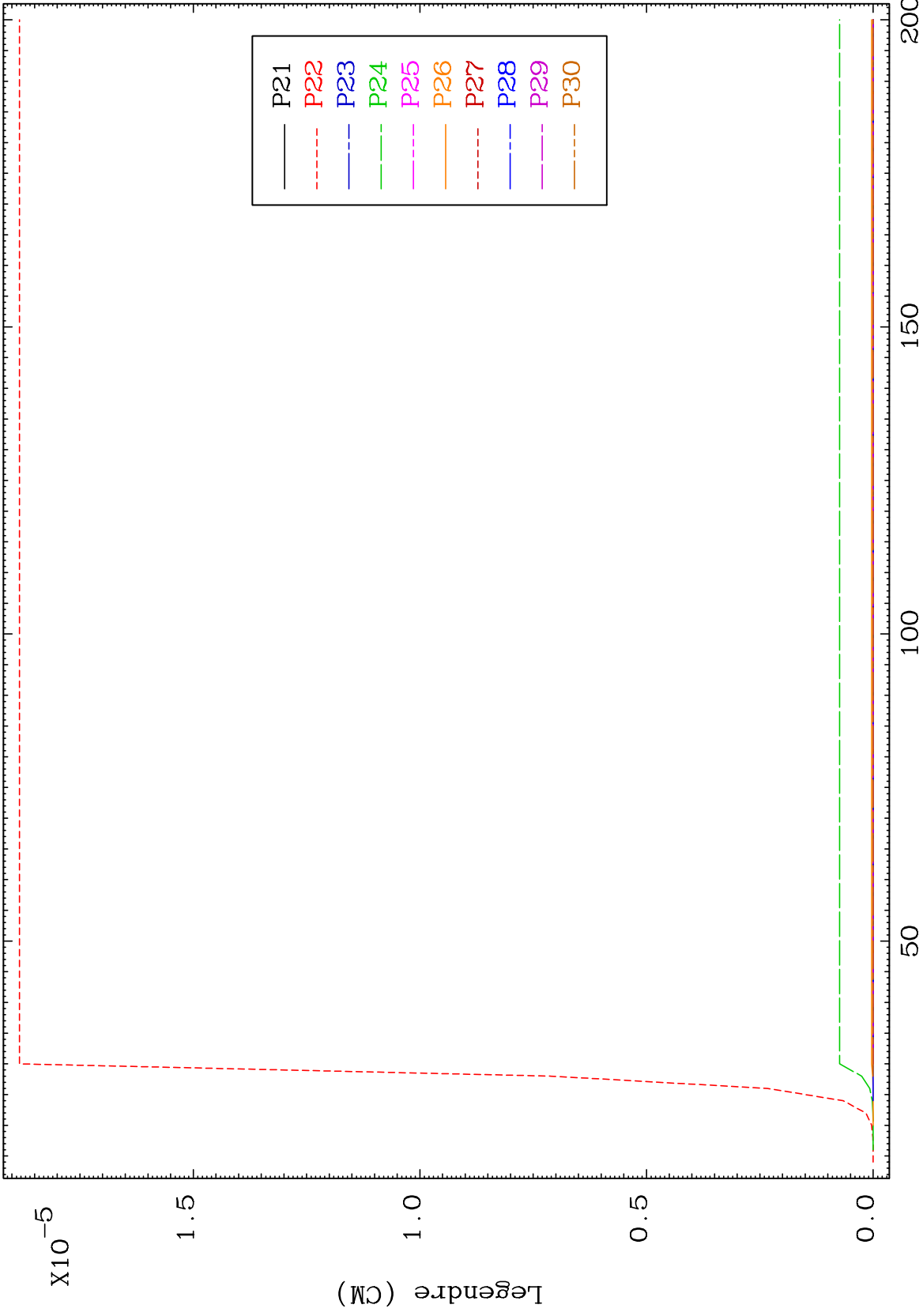
Incident Energy (MeV)

81-T1-203

MAT 8125

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

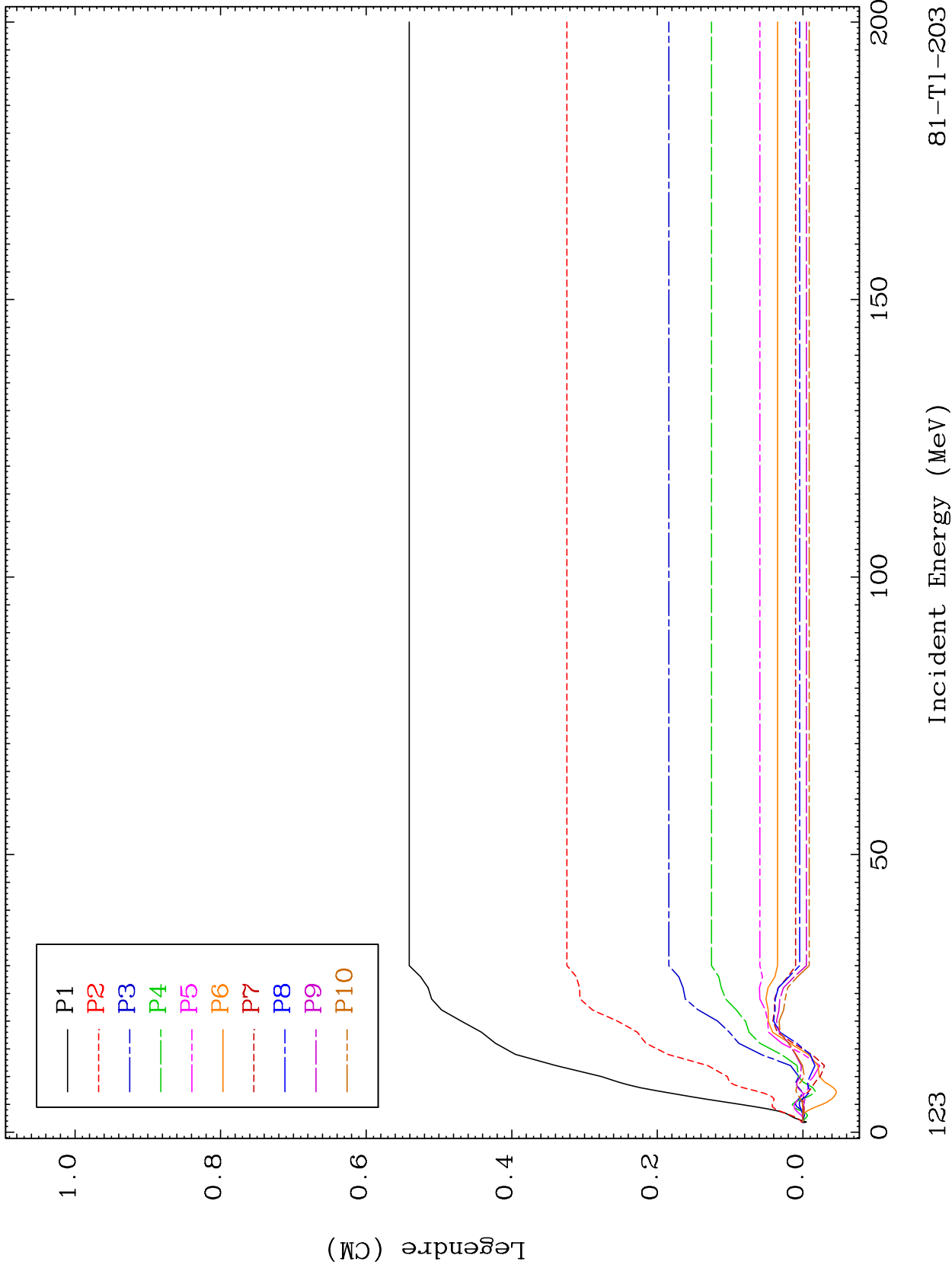
81-T1-203



122

Incident Energy (MeV)

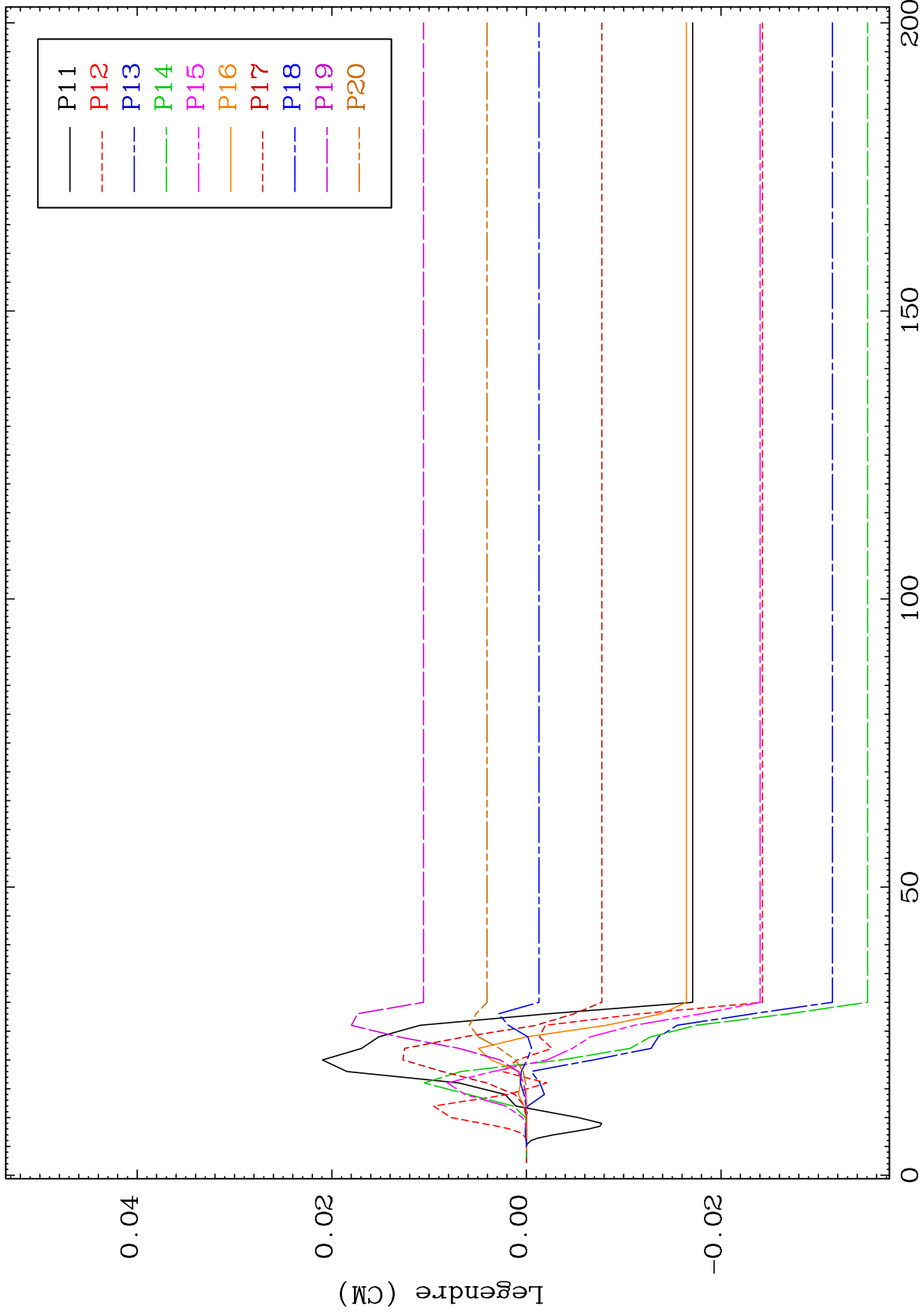
81-T1-203



MAT 8125

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

81-T1-203



124

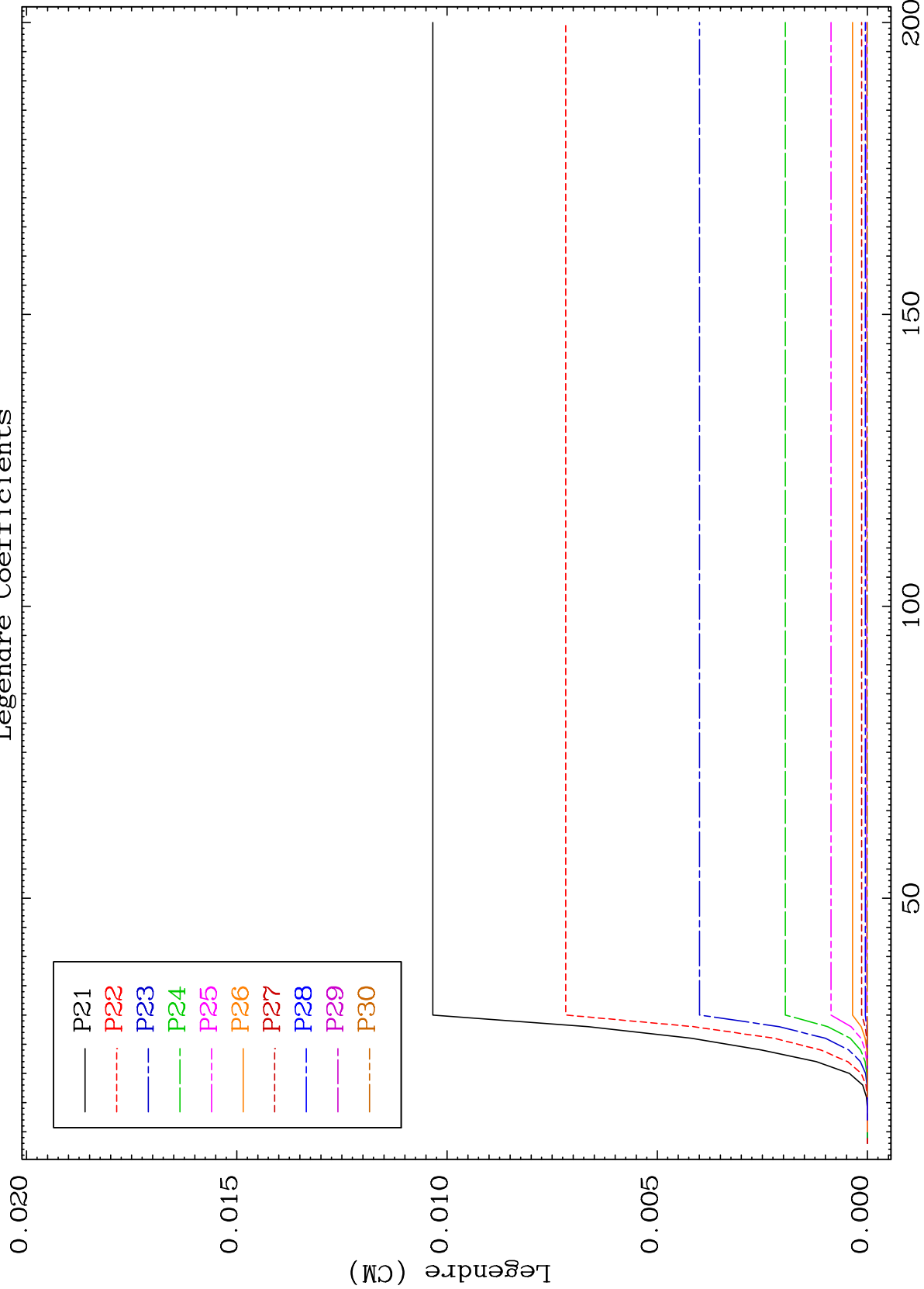
Incident Energy (MeV)

81-T1-203

MAT 8125

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

81-T1-203



125

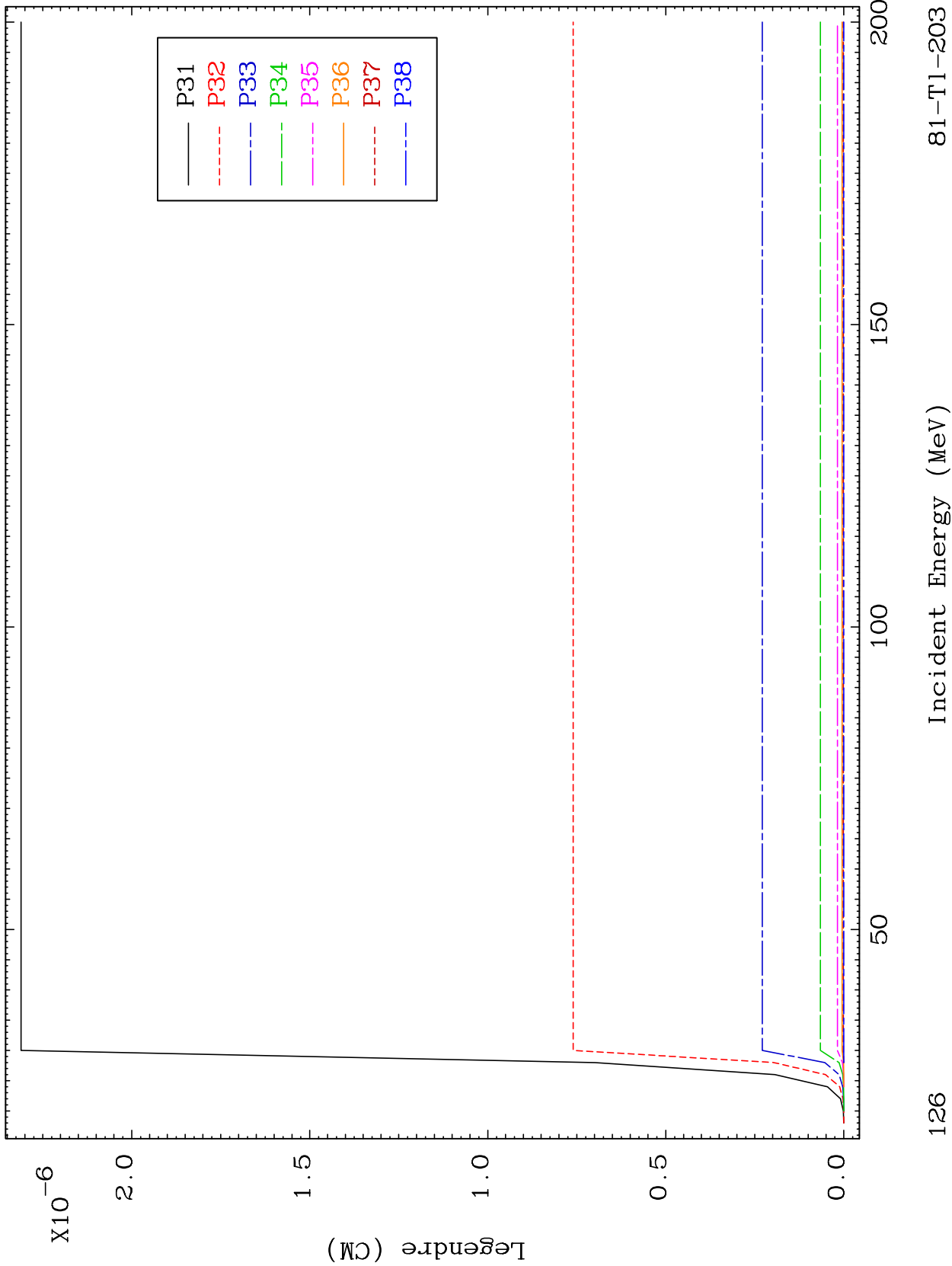
Incident Energy (MeV)

81-T1-203

MAT 8125

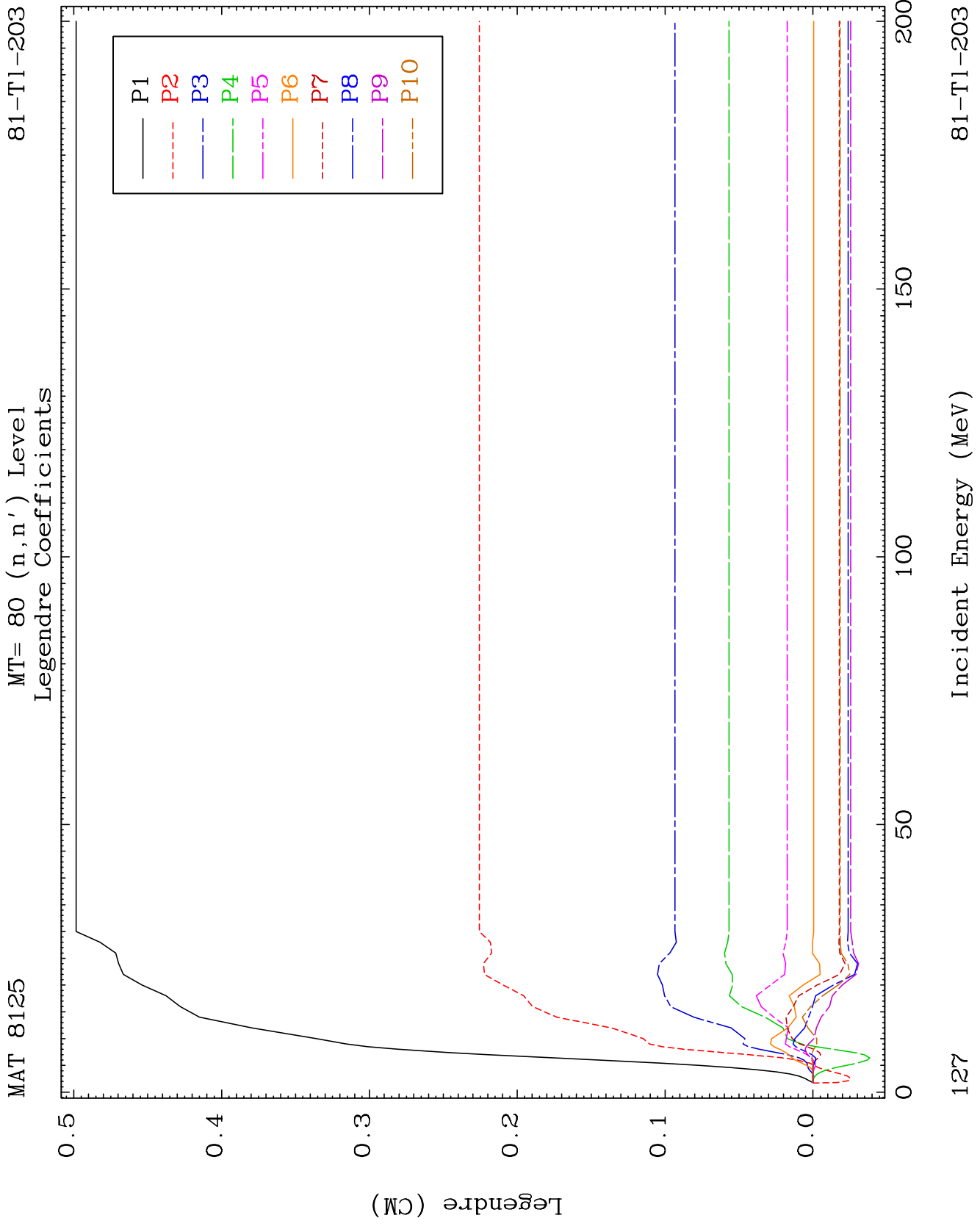
MT= 79 (n,n') Level
Legendre Coefficients

81-T1-203



126

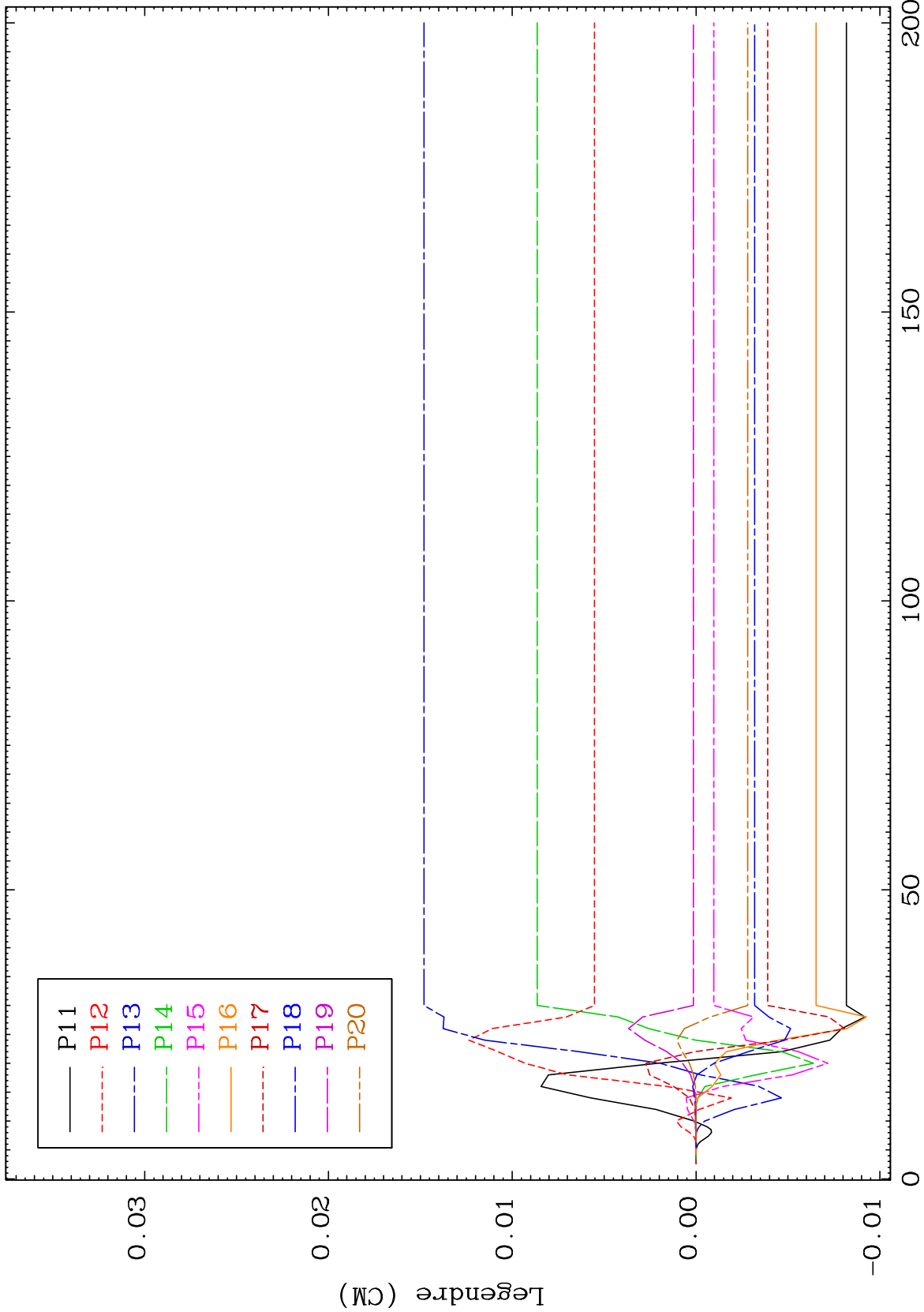
81-T1-203



MAT 8125

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

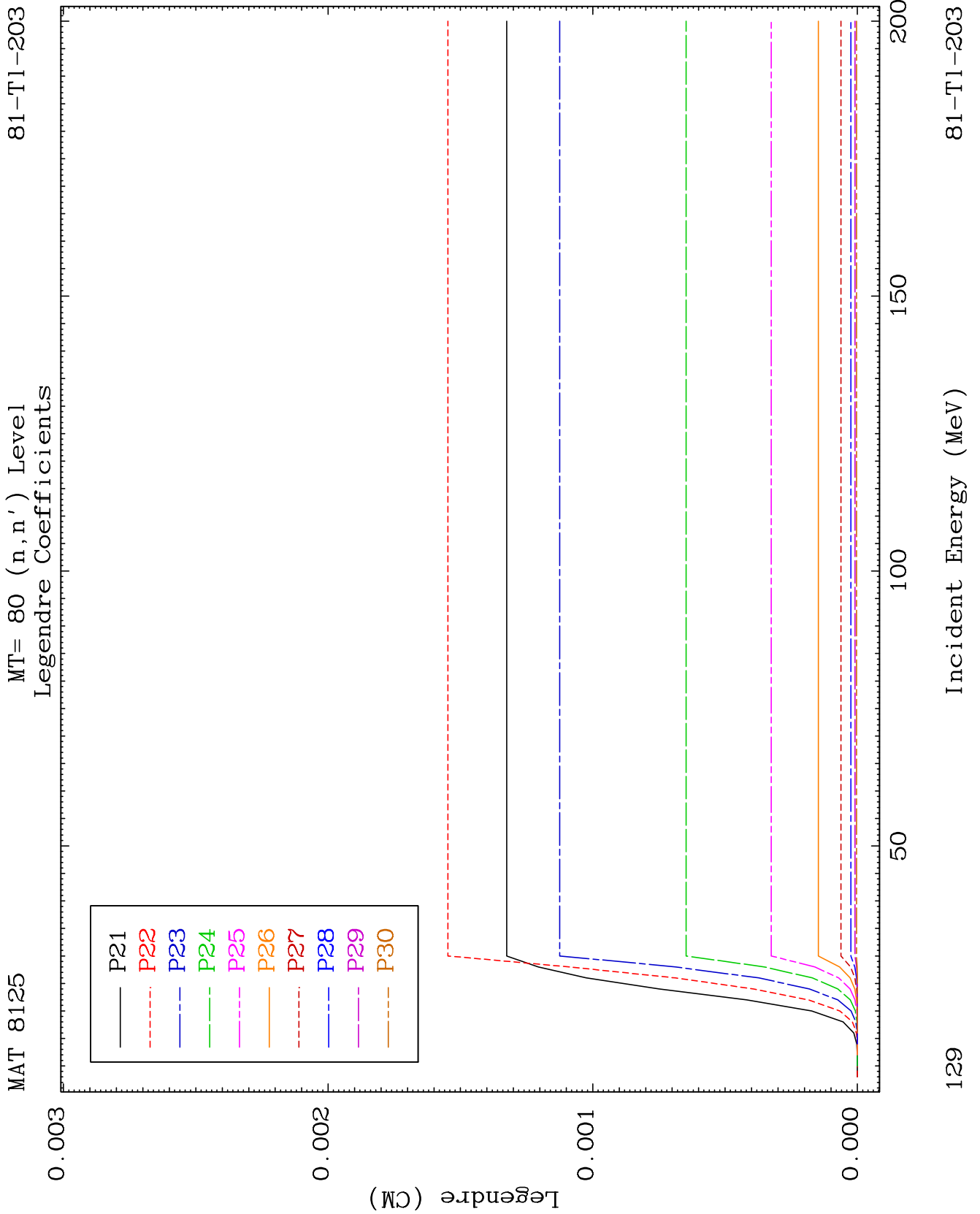
81-T1-203



128

Incident Energy (MeV)

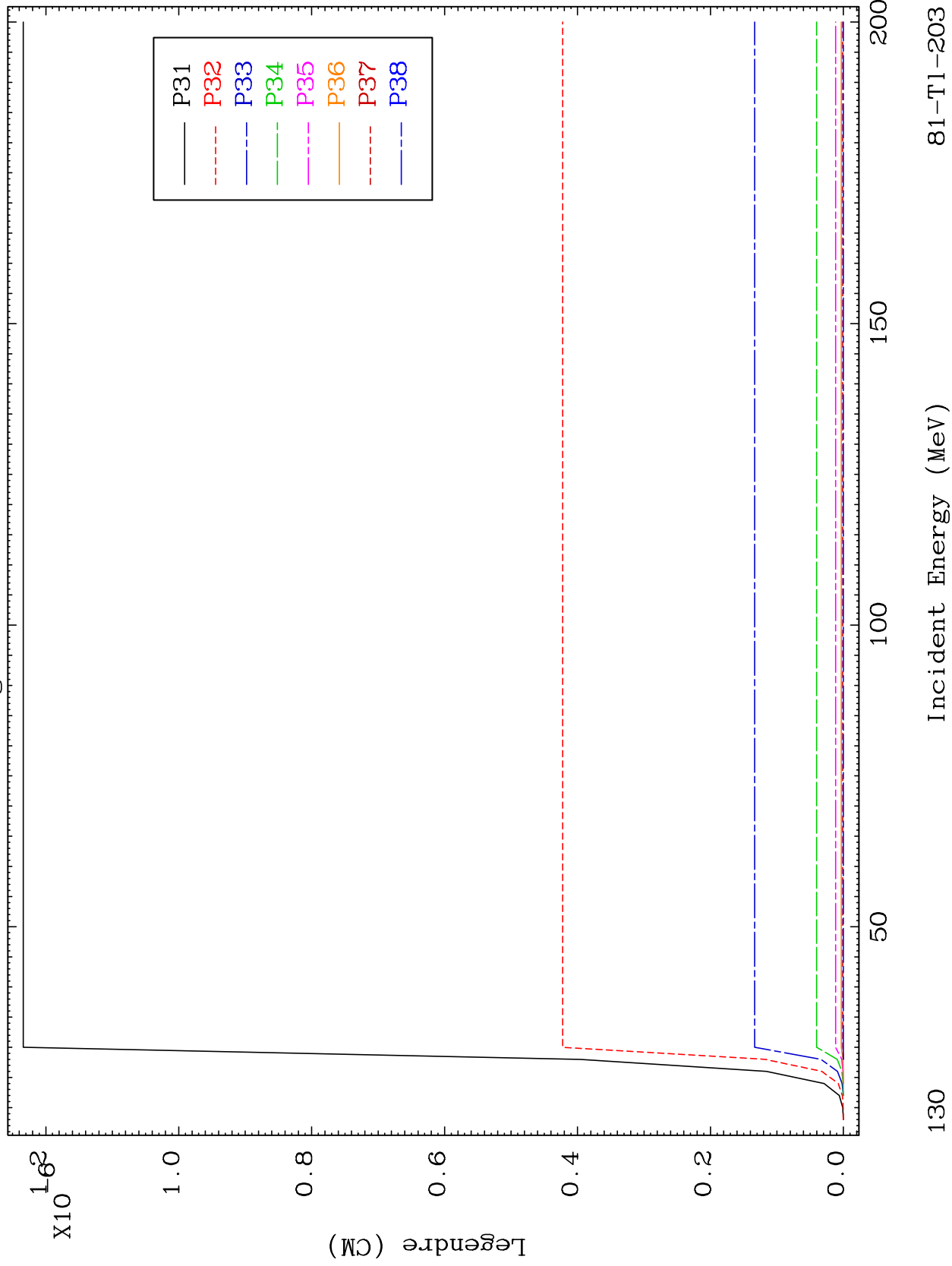
81-T1-203



MAT 8125

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

81-T1-203



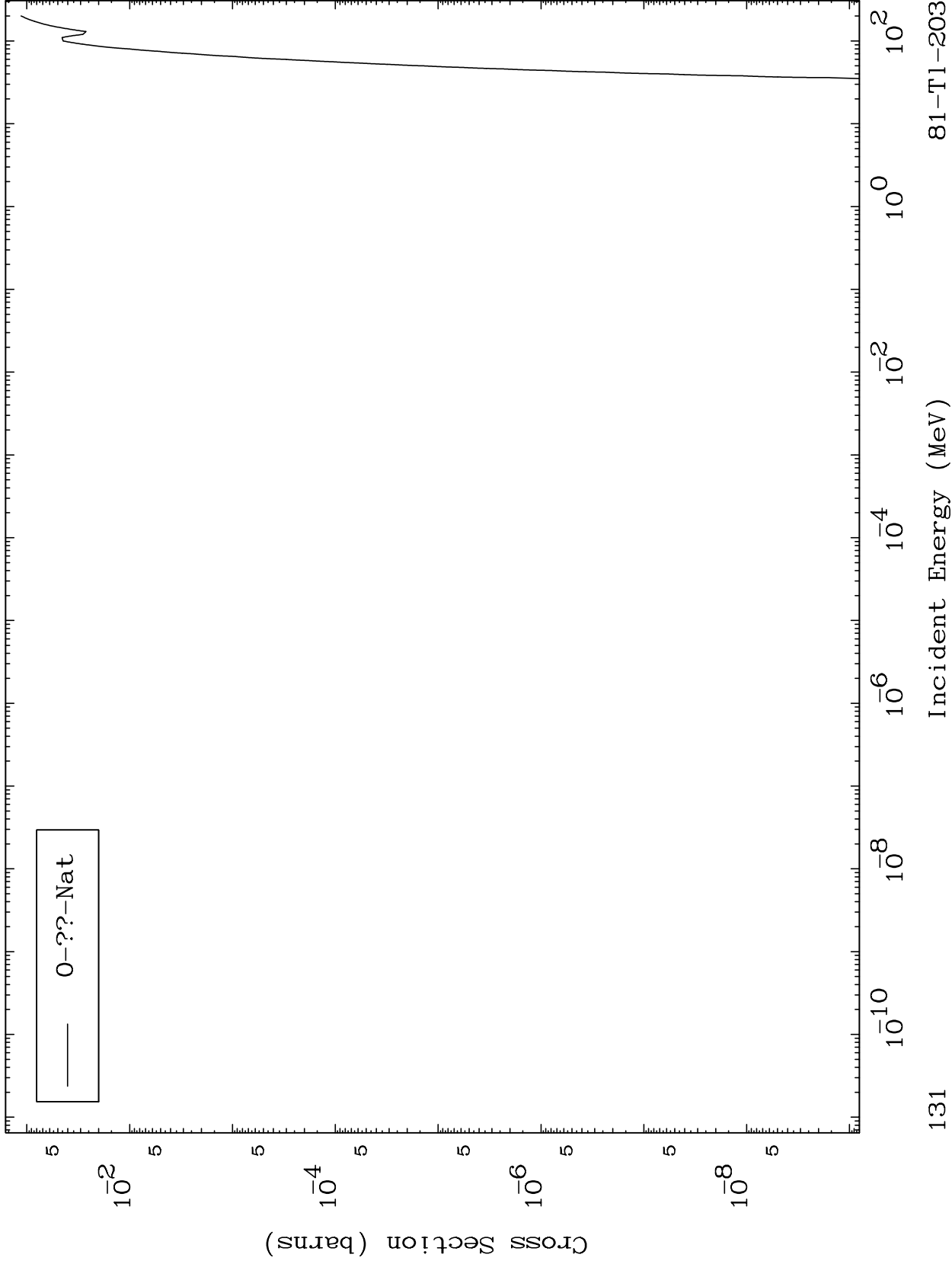
81-T1-203

MAT 8125

Fission

81-Tl-203

Radionuclide Production Cross Section



131

Incident Energy (MeV)

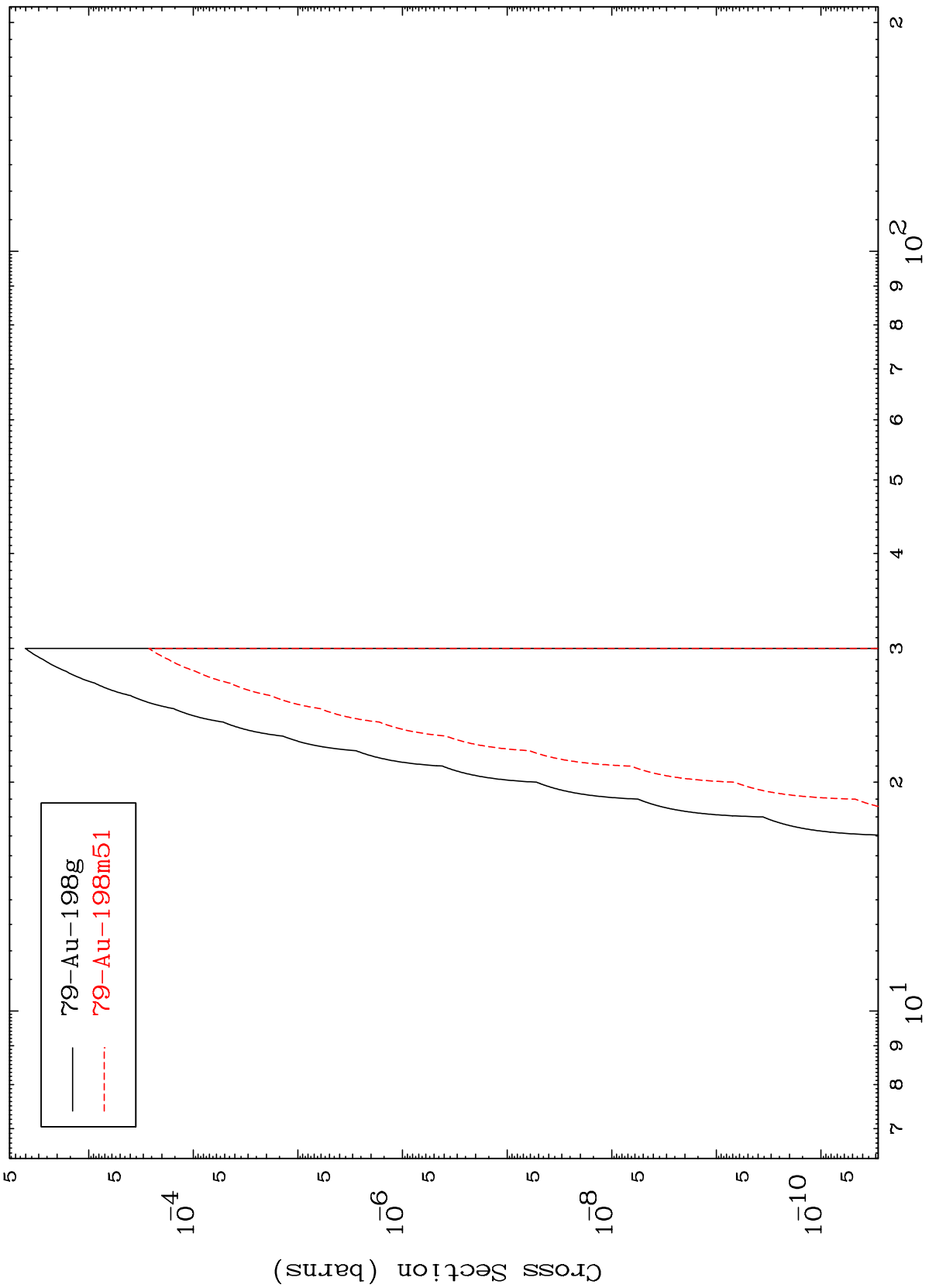
81-Tl-203

MAT 8125

(n,2n) α

81-Tl-203

Radionuclide Production Cross Section



132

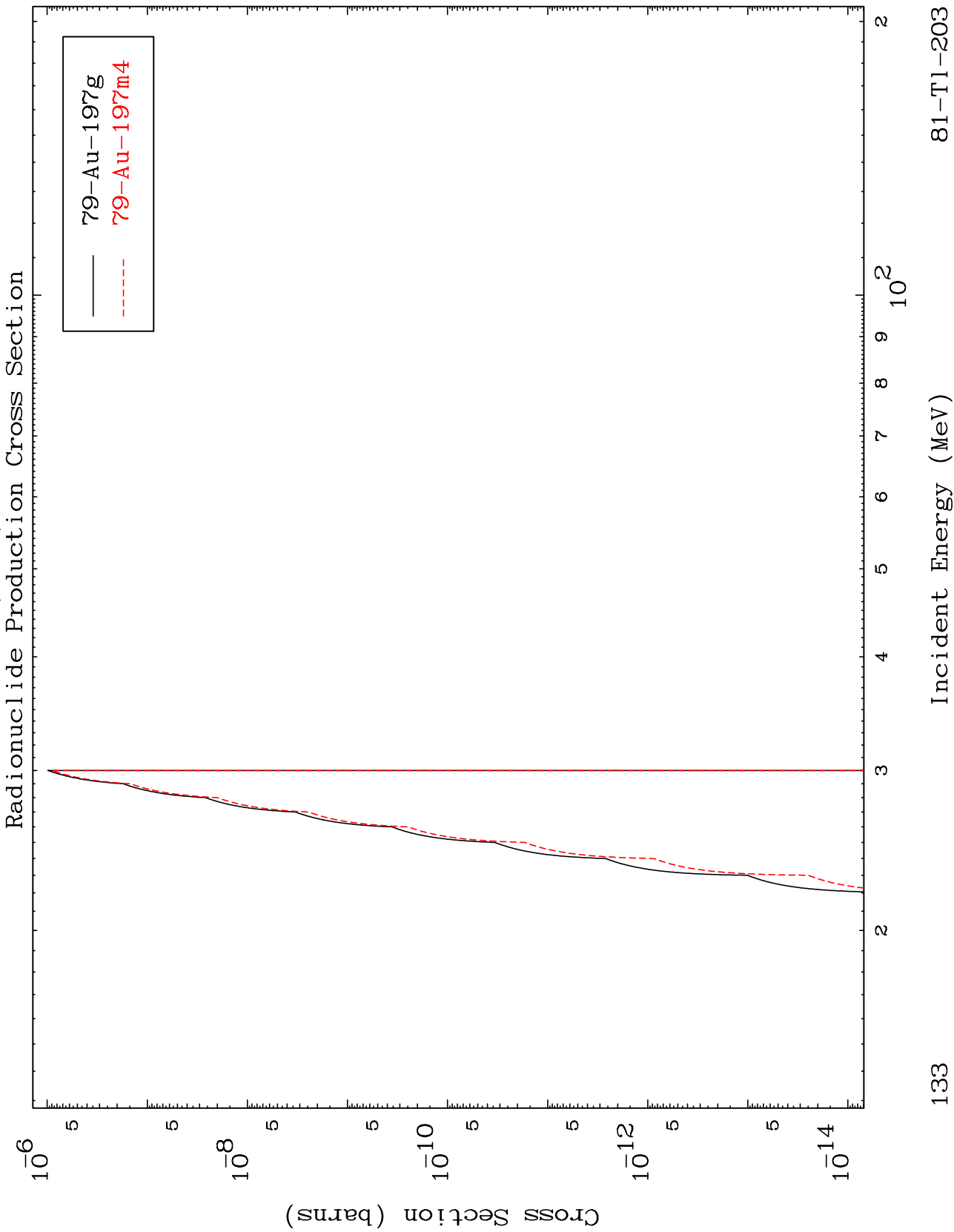
Incident Energy (MeV)

81-Tl-203

MAT 8125

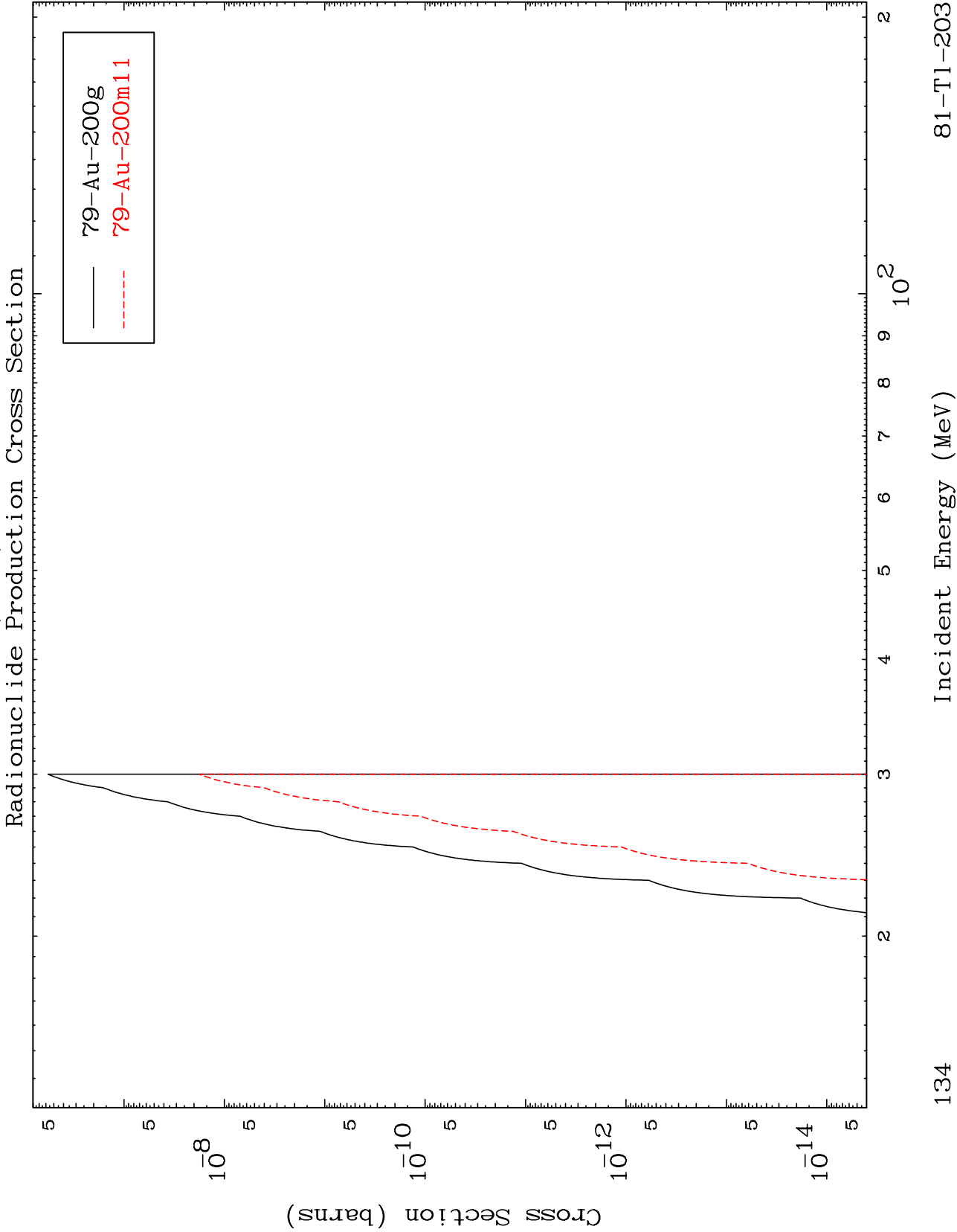
(n,3n) α

81-Tl-203



133

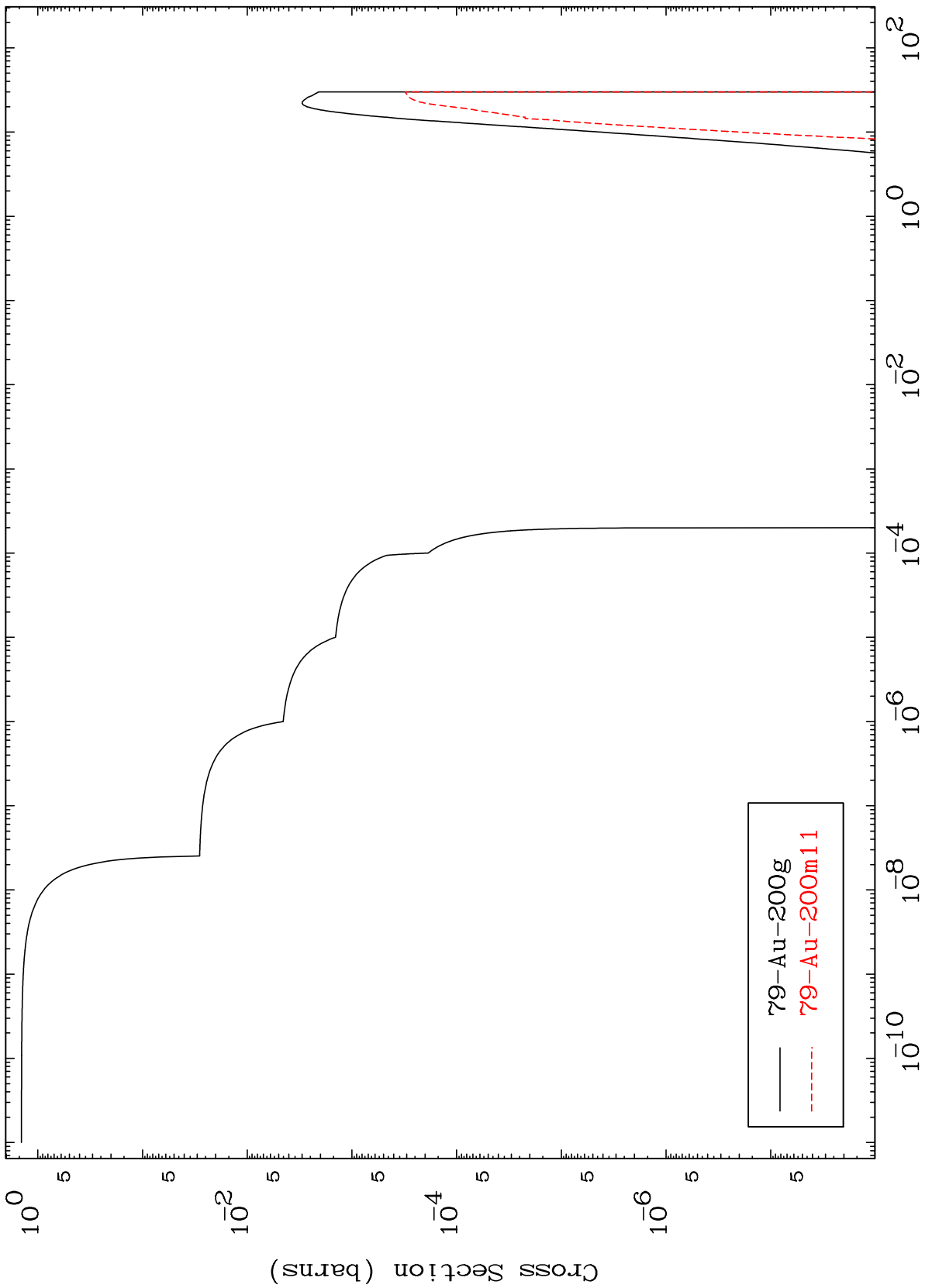
81-Tl-203



MAT 8125

81-Tl-203

Radionuclide Production Cross Section



— ^{200}Au
- - - $^{200m11}\text{Au}$

135

Incident Energy (MeV)

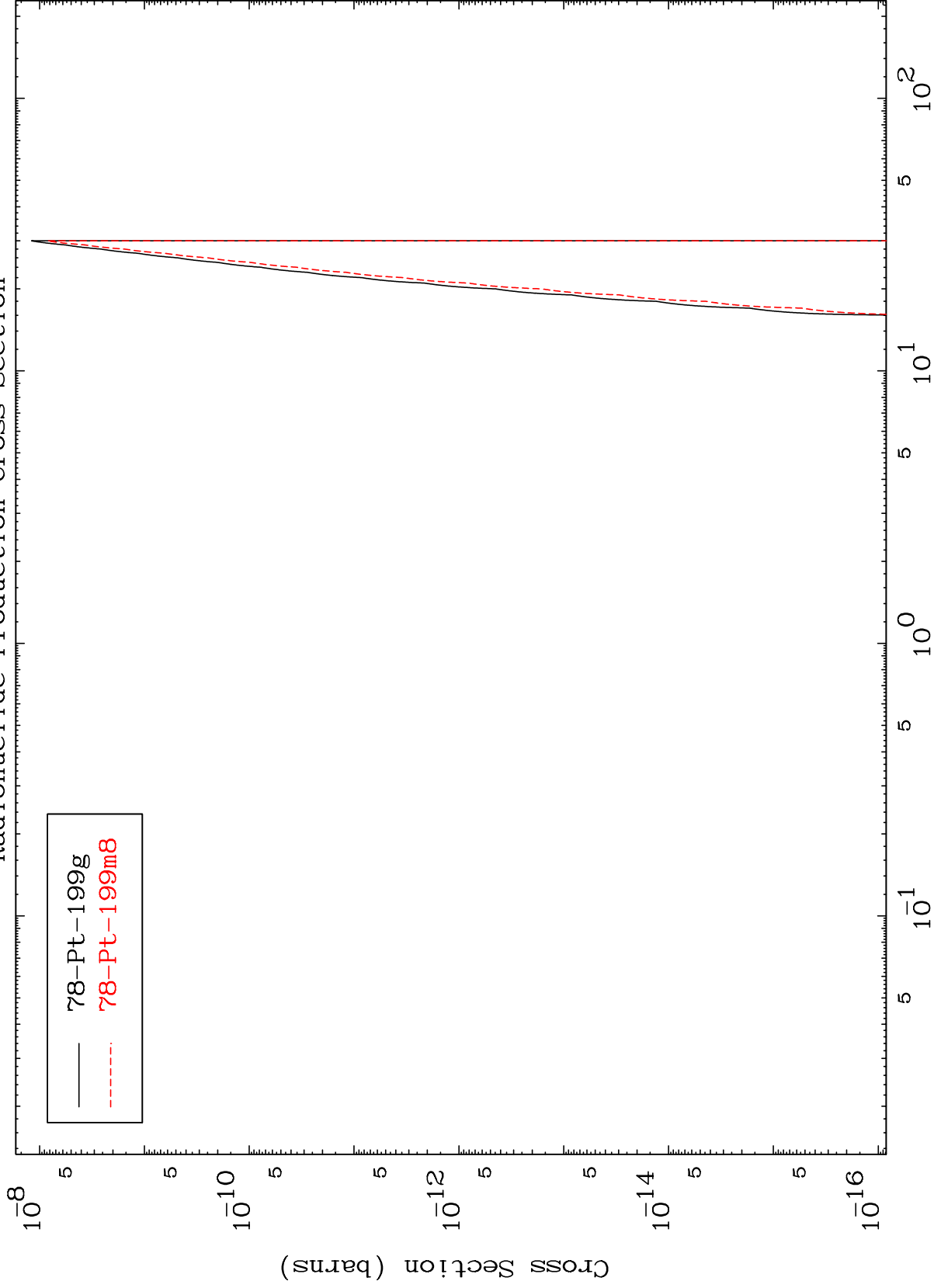
81-Tl-203

MAT 8125

(n,p) α

81-Tl-203

Radionuclide Production Cross Section



136

Incident Energy (MeV)

81-Tl-203