

Program EVALPLOT
(Version 2021-1)

by

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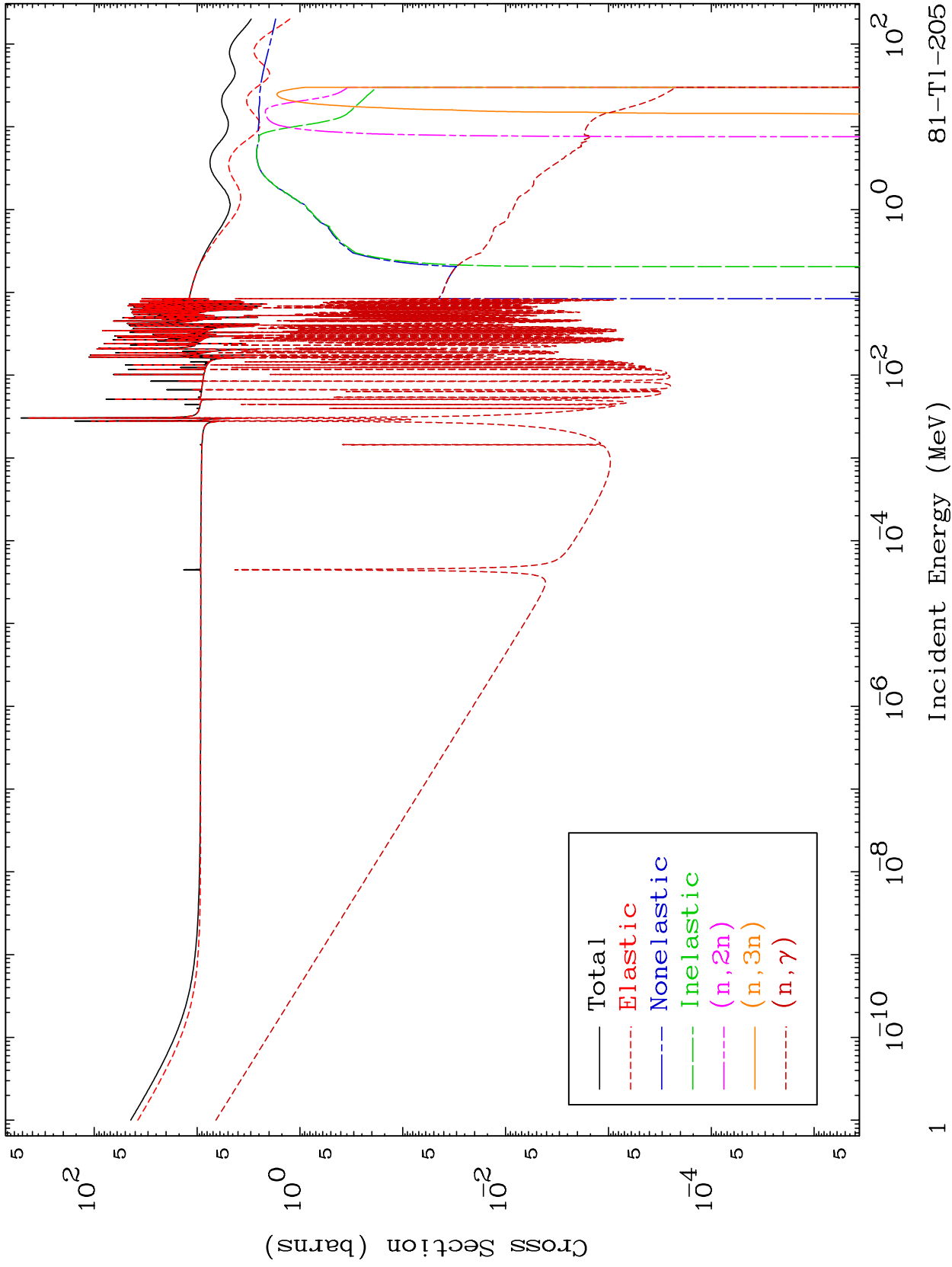
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Press Mouse Button to Start

MAT 8131

Neutron Major
293 Kelvin Cross Sections

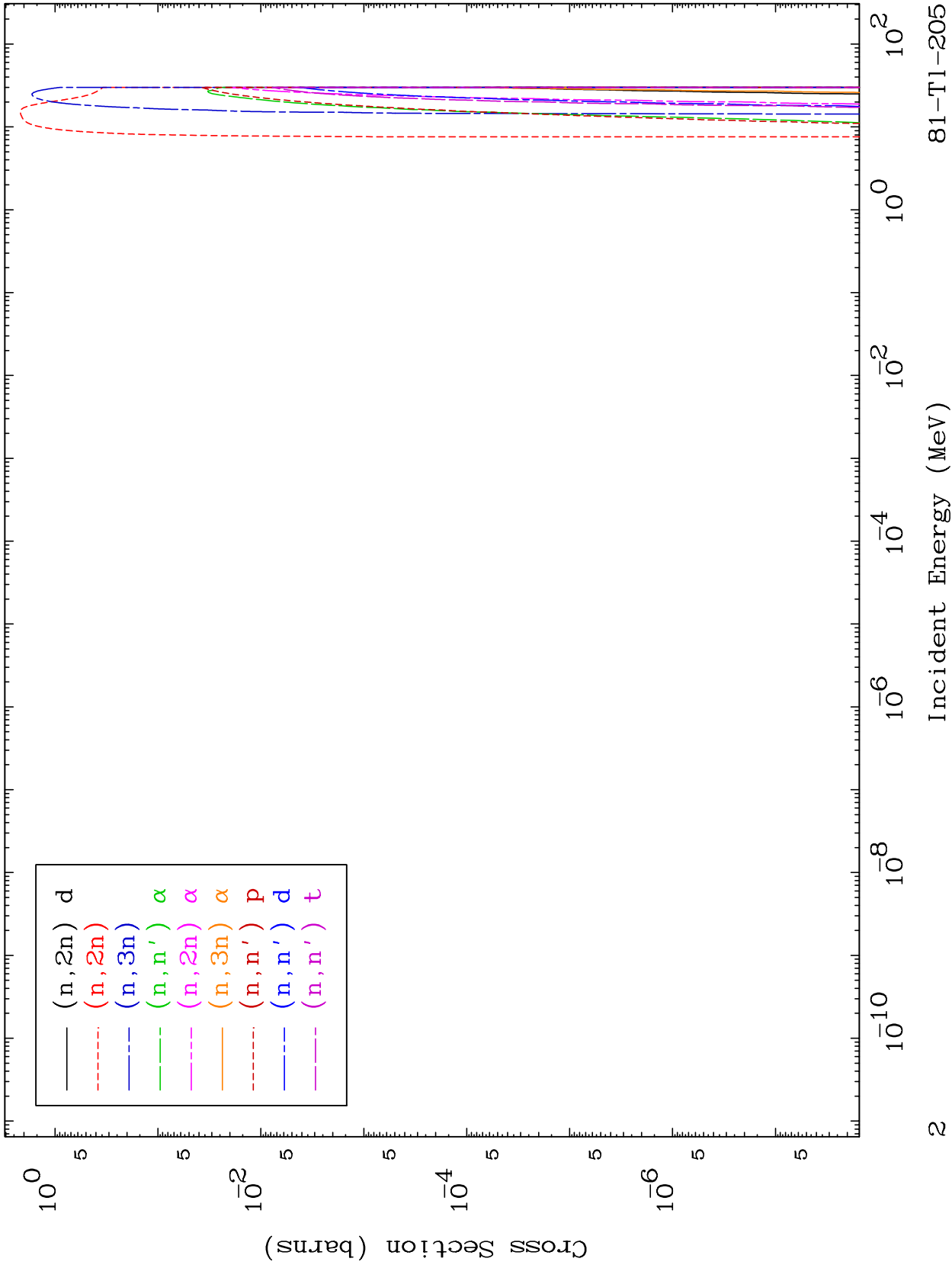
81-Tl-205



MAT 8131

Neutron Absorption
293 Kelvin Cross Sections

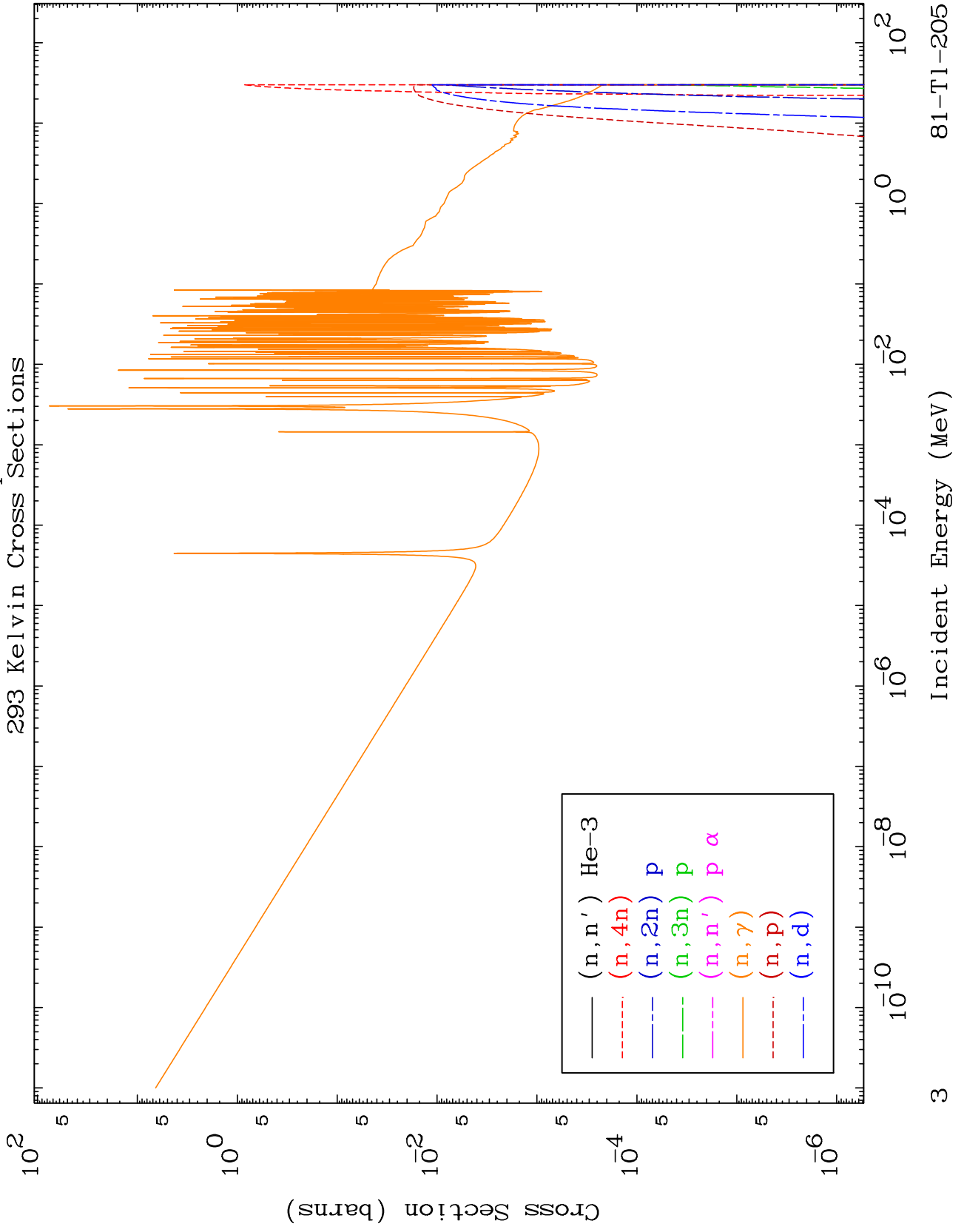
81-Tl-205



MAT 8131

Neutron Absorption
293 Kelvin Cross Sections

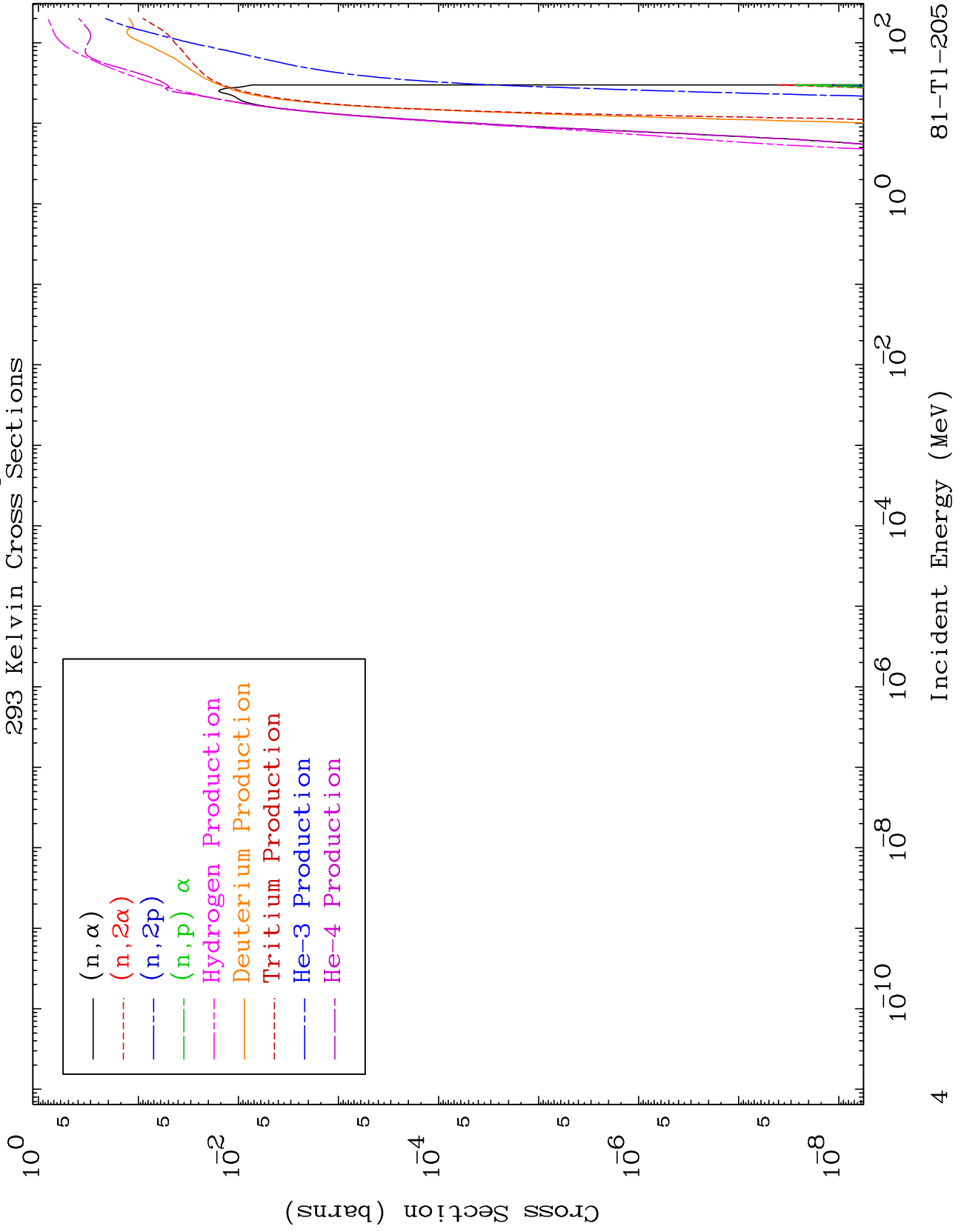
81-Tl-205



MAT 8131

Neutron Absorption
293 Kelvin Cross Sections

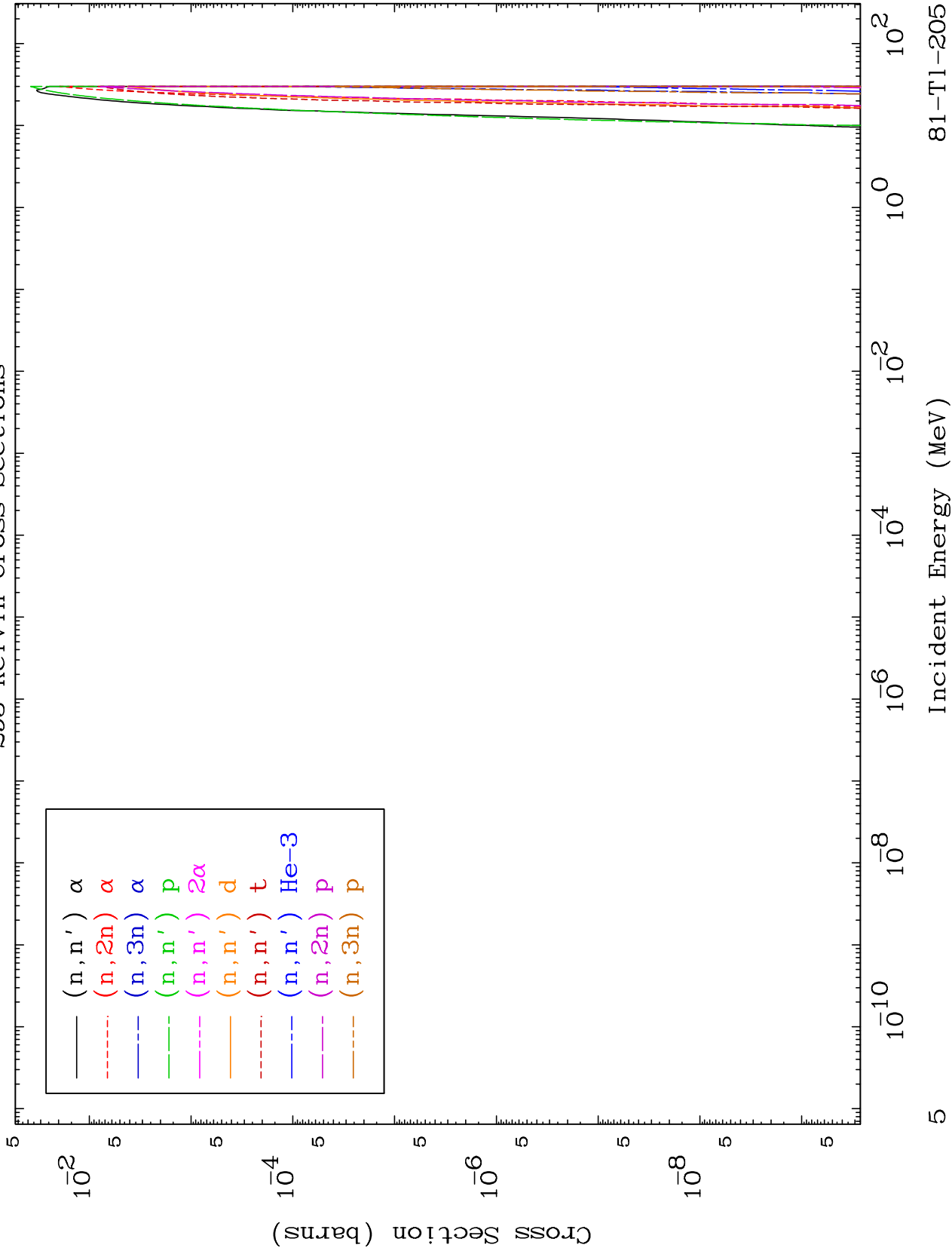
81-Tl-205



MAT 8131

Charged Particle
293 Kelvin Cross Sections

81-Tl-205



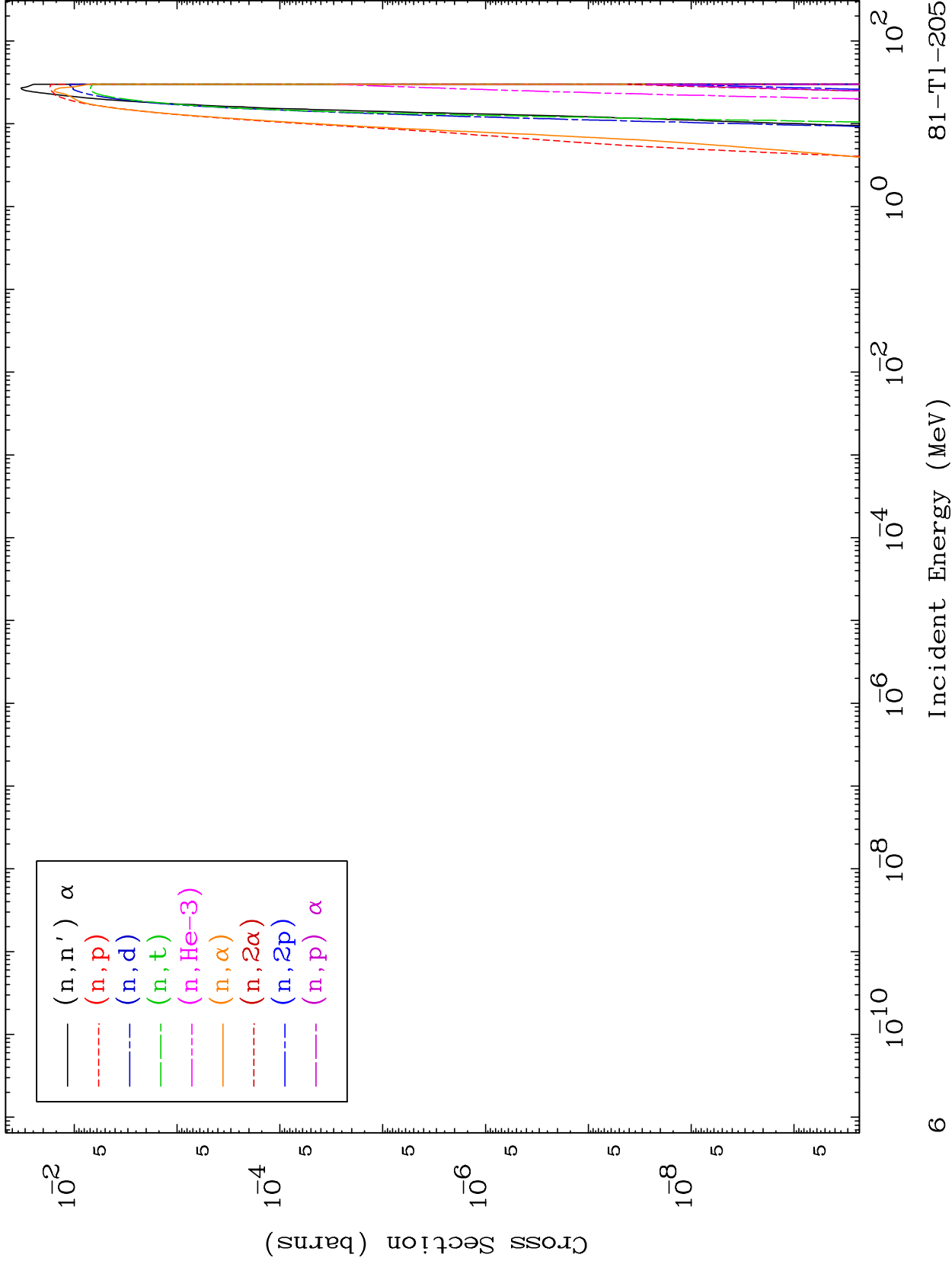
5

81-Tl-205

MAT 8131

Charged Particle
293 Kelvin Cross Sections

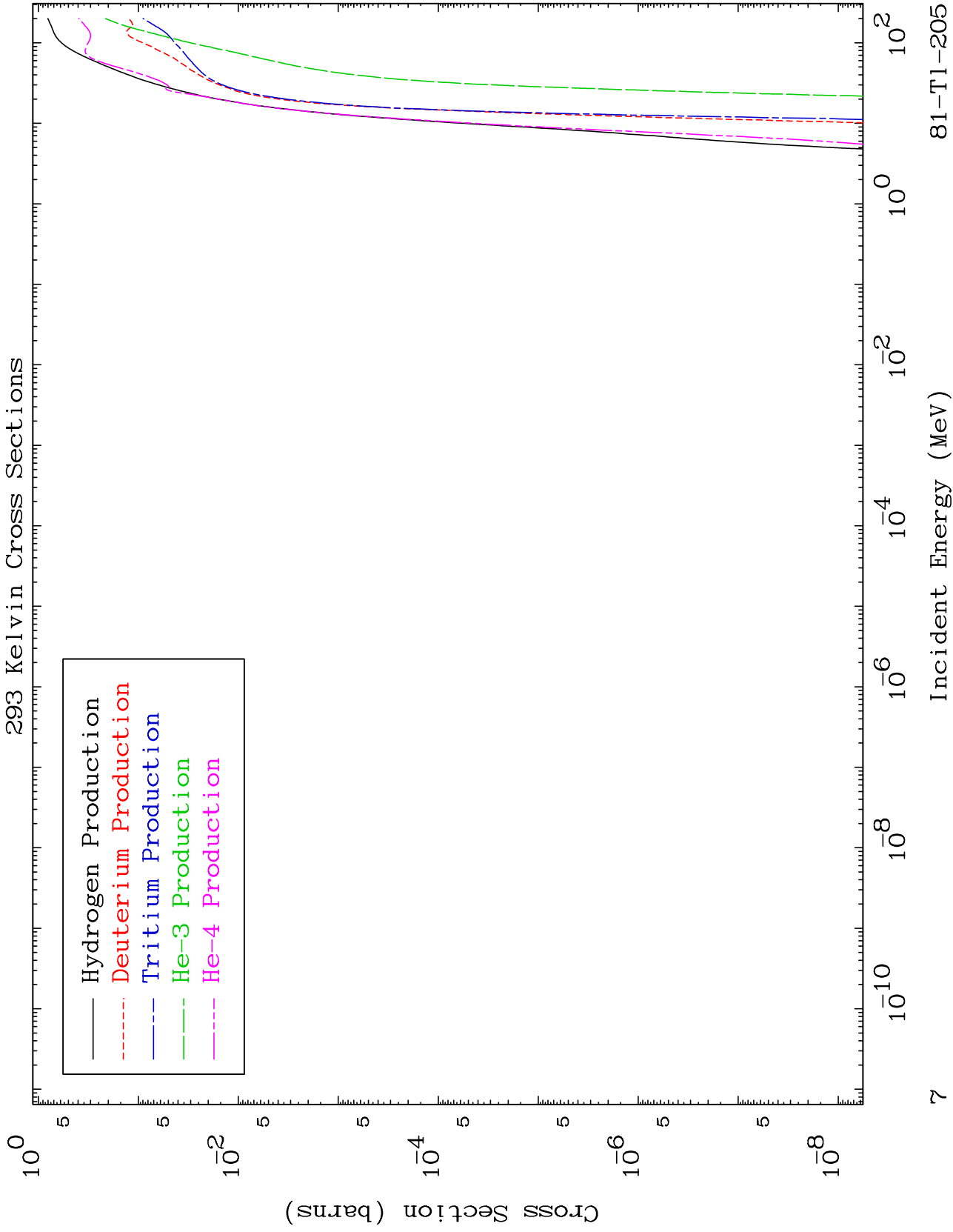
81-Tl-205



MAT 8131

Particle Production
293 Kelvin Cross Sections

81-T1-205

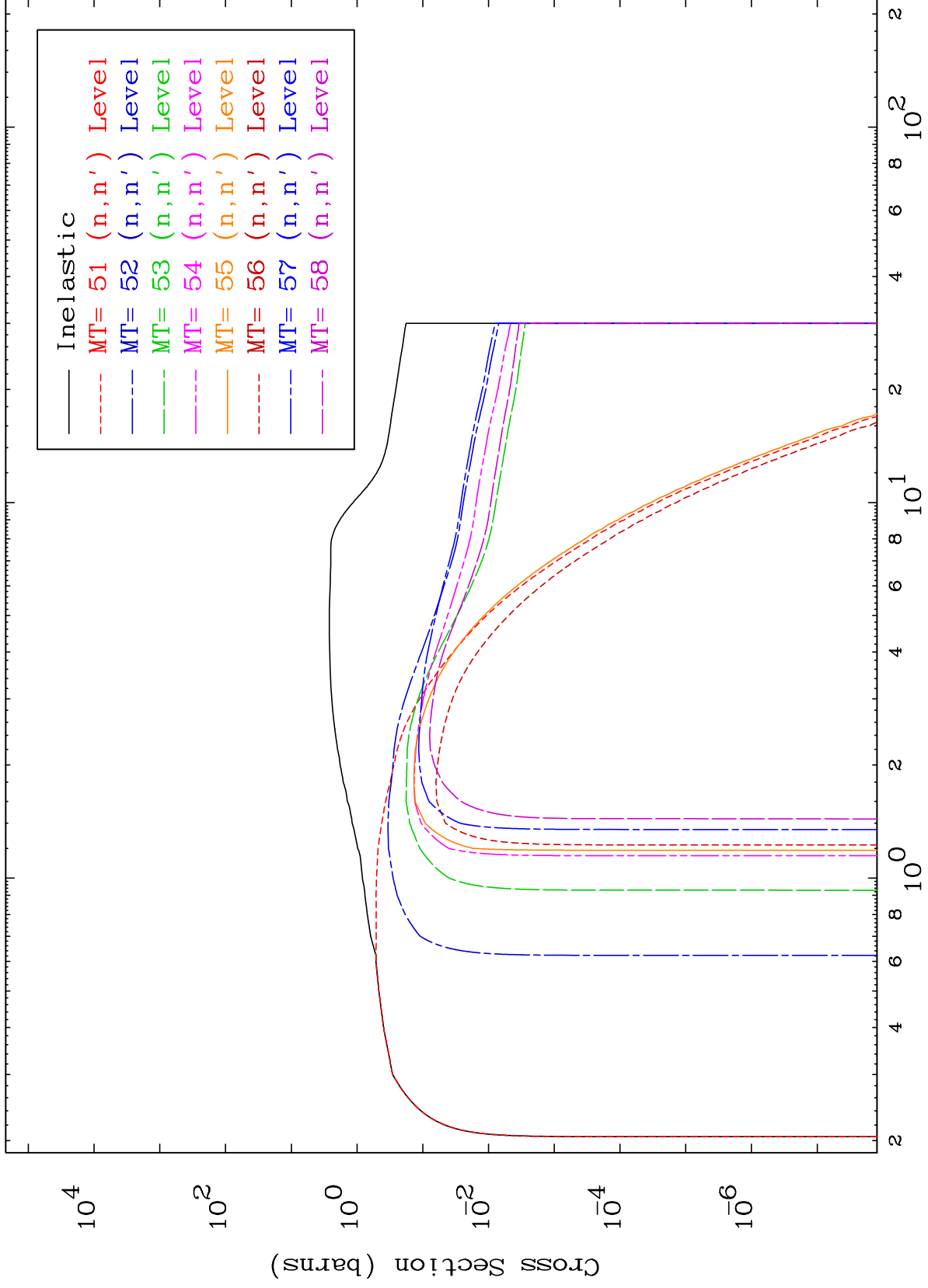


MAT 8131

(n,n') Levels

81-Tl-205

293 Kelvin Cross Sections



8

Incident Energy (MeV)

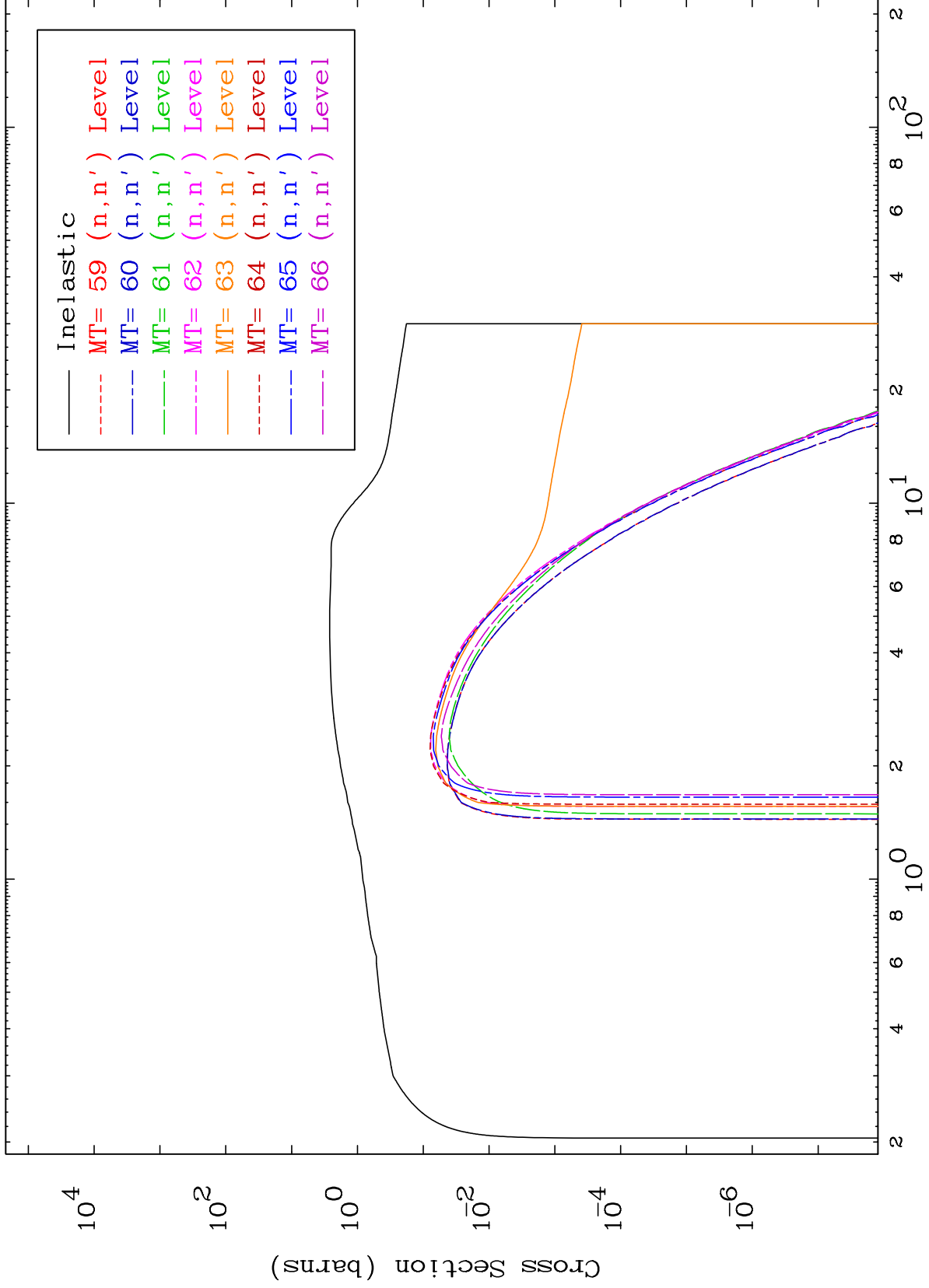
81-Tl-205

MAT 8131

(n,n') Levels

81-T1-205

293 Kelvin Cross Sections



9

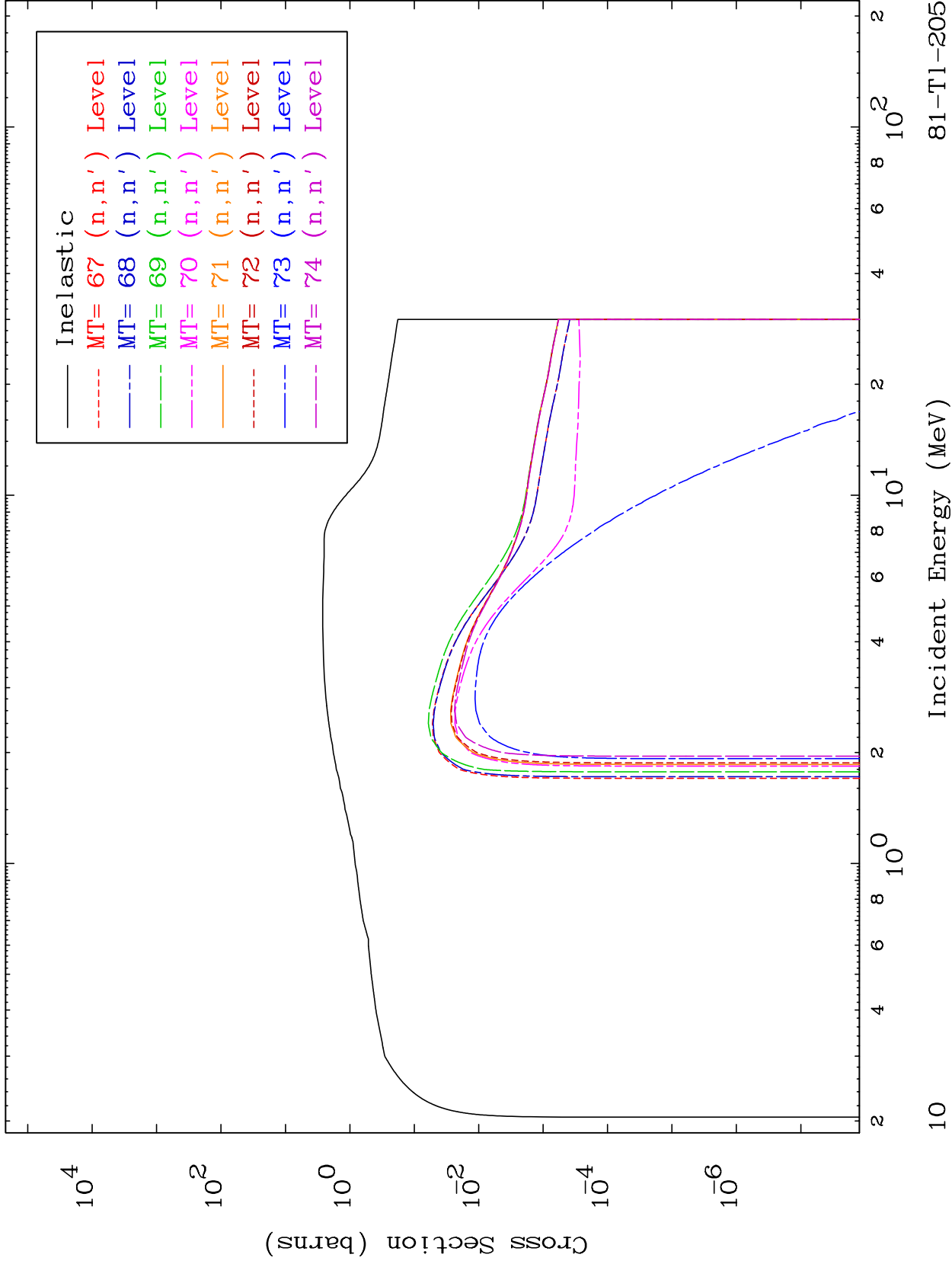
Incident Energy (MeV)

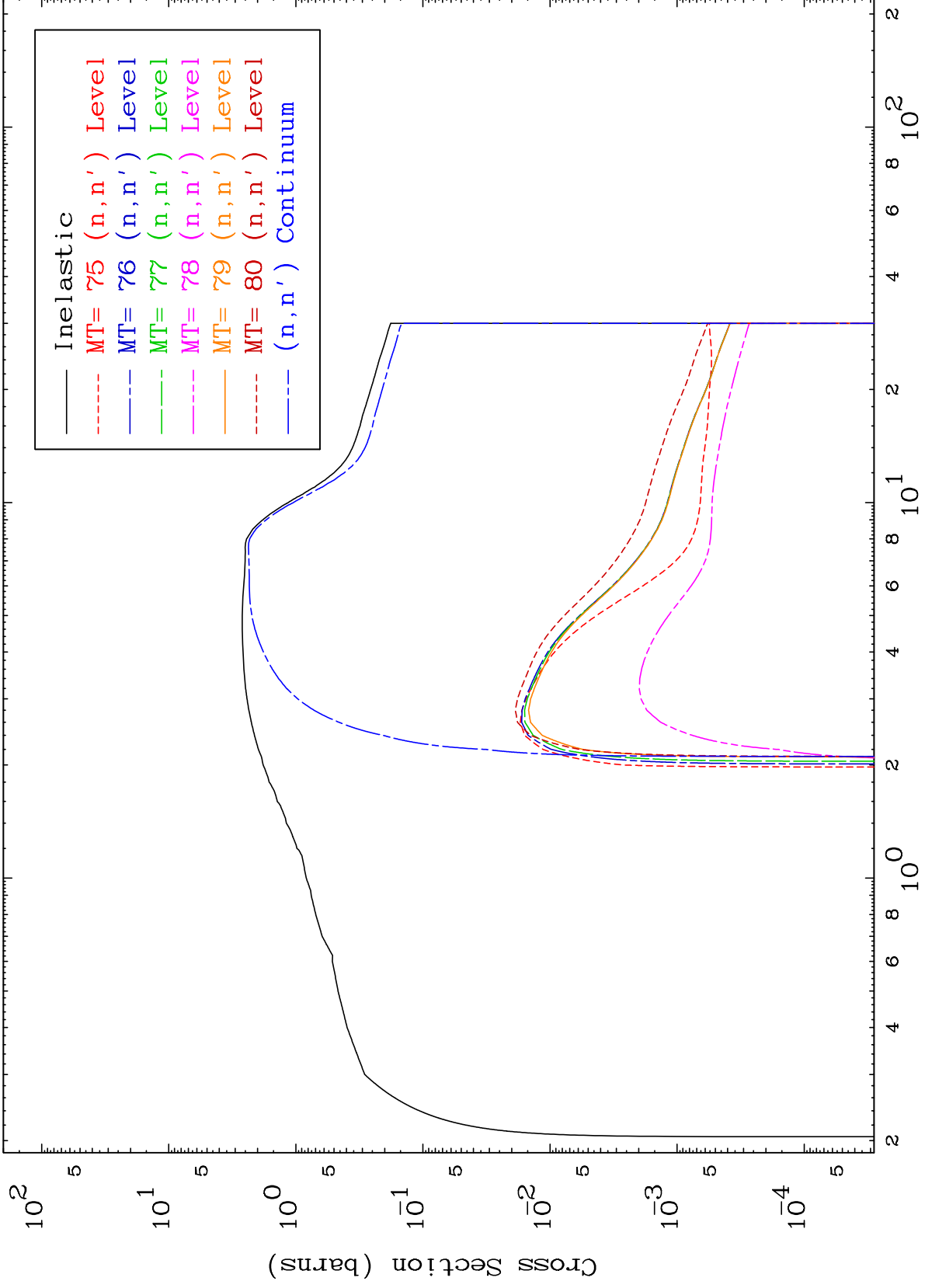
81-T1-205

MAT 8131

(n,n') Levels
293 Kelvin Cross Sections

81-T1-205

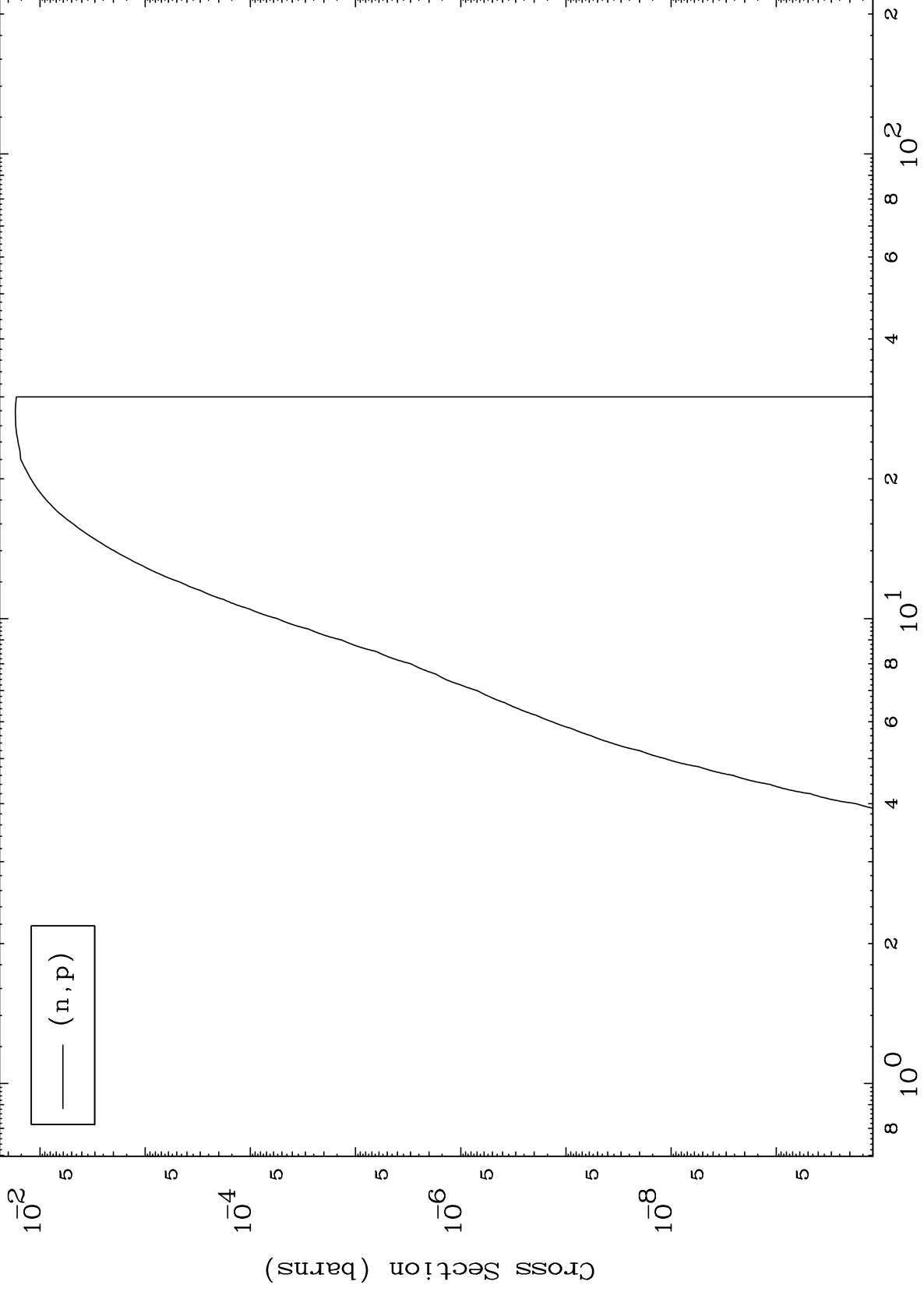




MAT 8131

(n,p) Levels
293 Kelvin Cross Sections

81-Tl-205



12

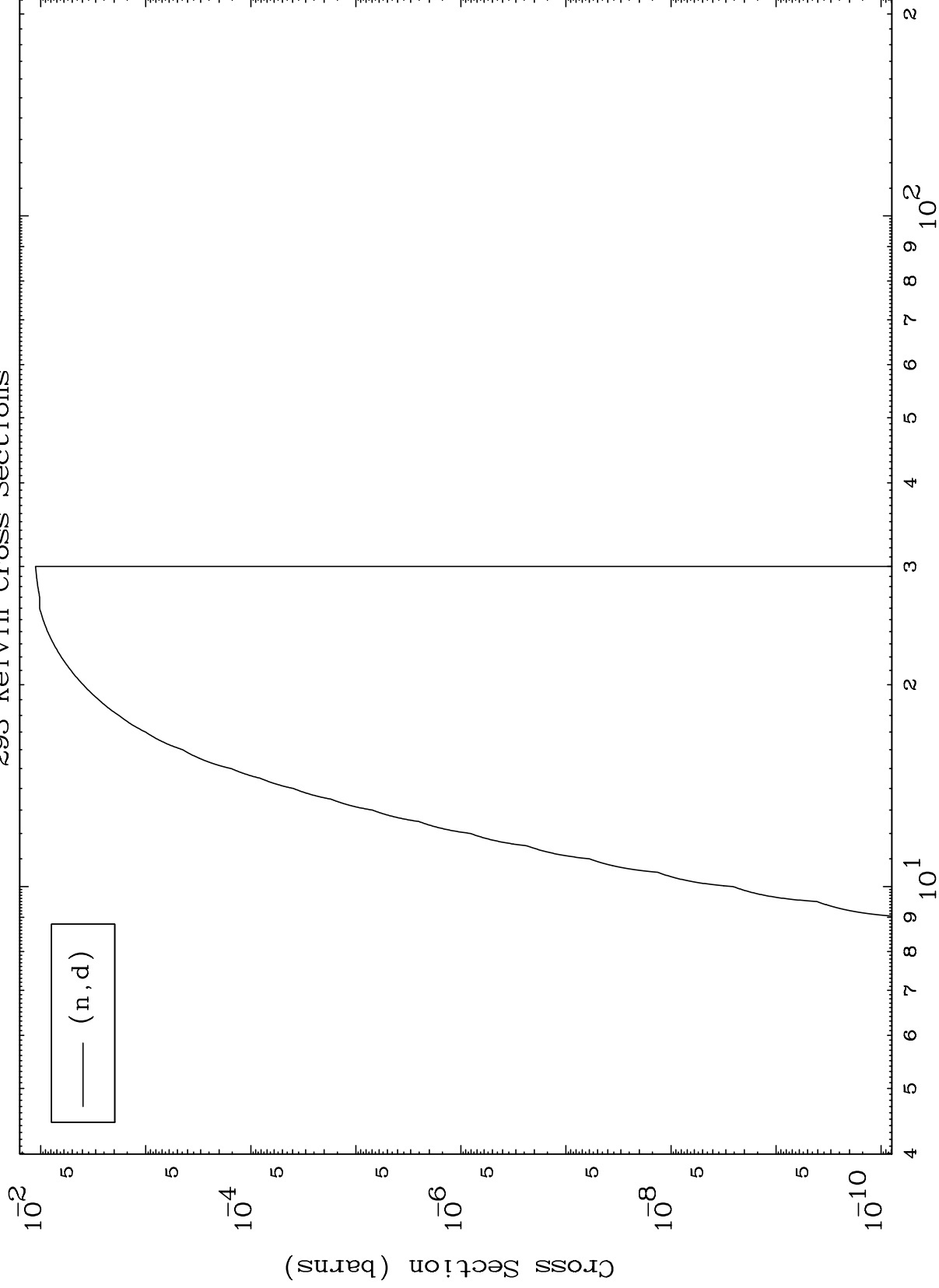
Incident Energy (MeV)

81-Tl-205

MAT 8131

81-T1-205

(n,d) Levels
293 Kelvin Cross Sections



81-T1-205

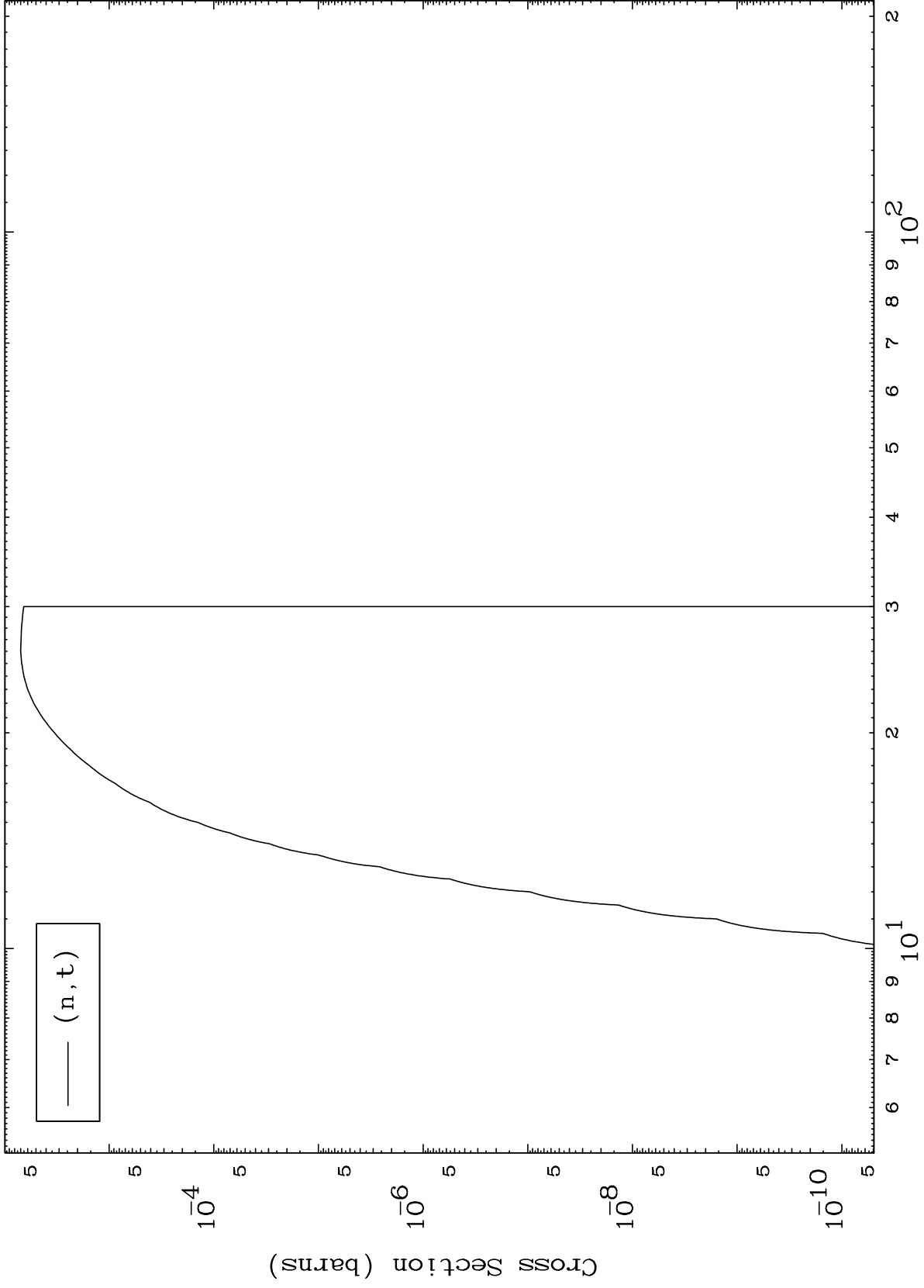
Incident Energy (MeV)

13

MAT 8131

(n,t) Levels
293 Kelvin Cross Sections

81-T1-205



14

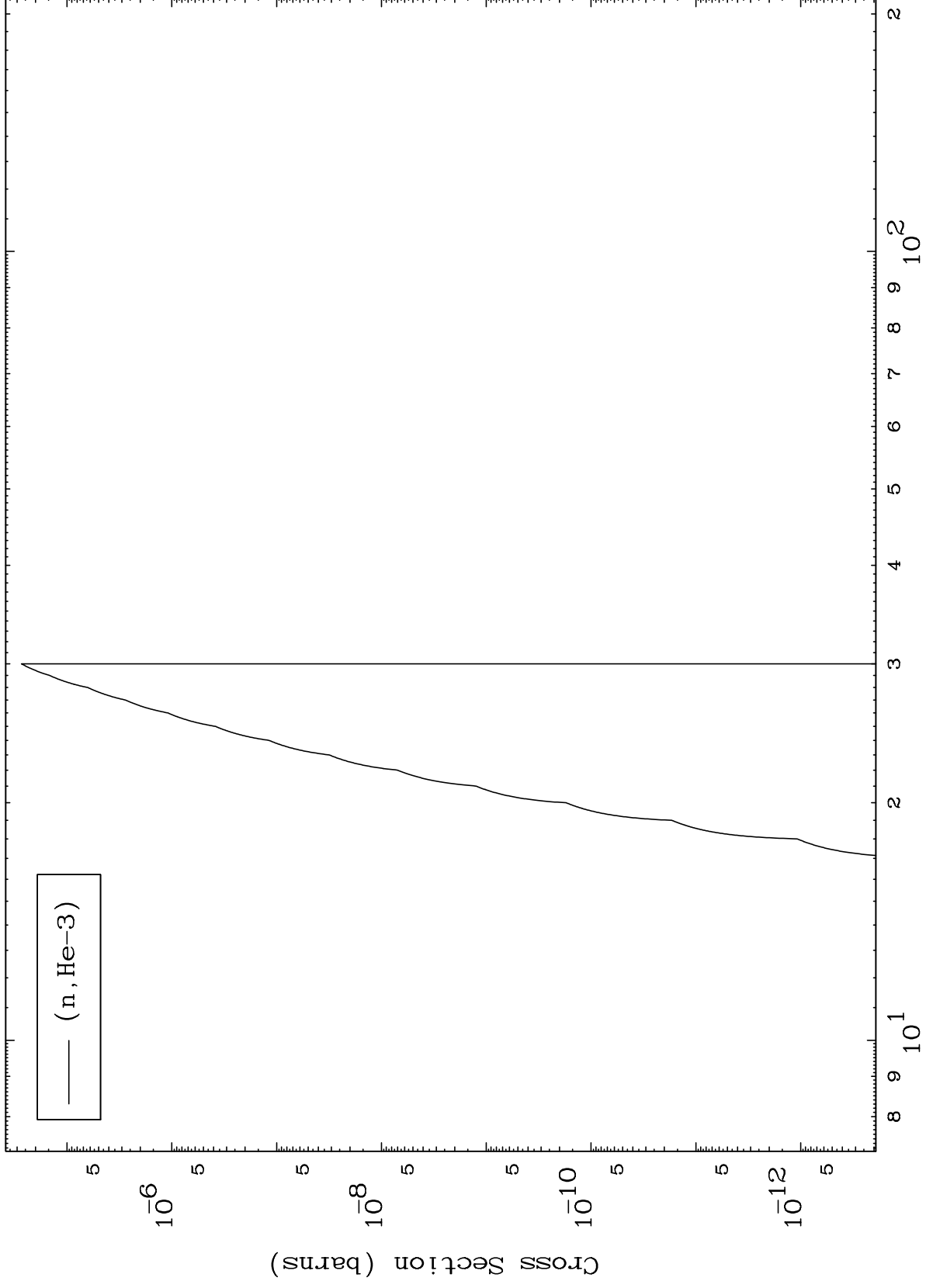
Incident Energy (MeV)

81-T1-205

MAT 8131

(n,He3) Levels
293 Kelvin Cross Sections

81-T1-205



15

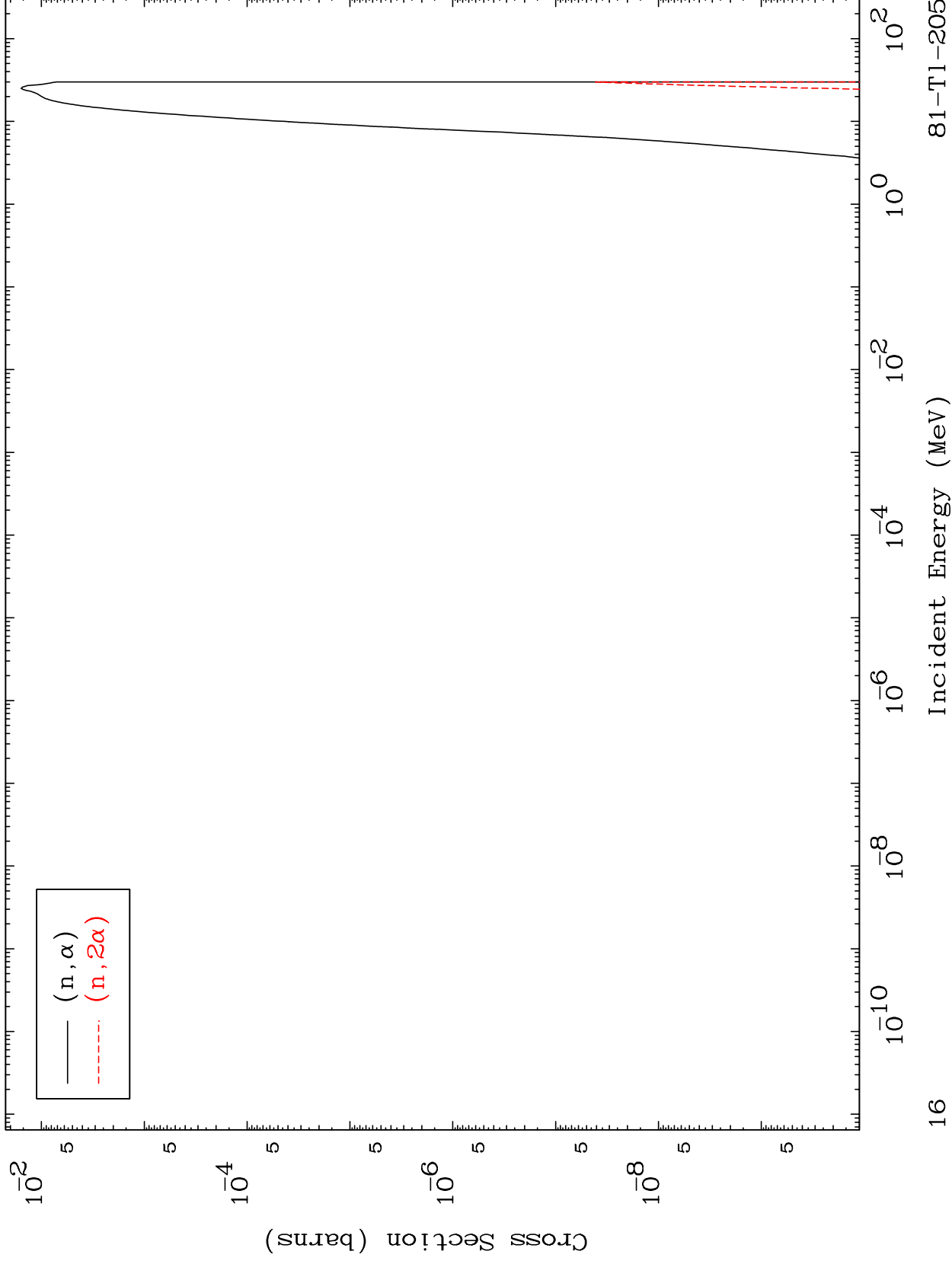
Incident Energy (MeV)

81-T1-205

MAT 8131

(n, α) Levels
293 Kelvin Cross Sections

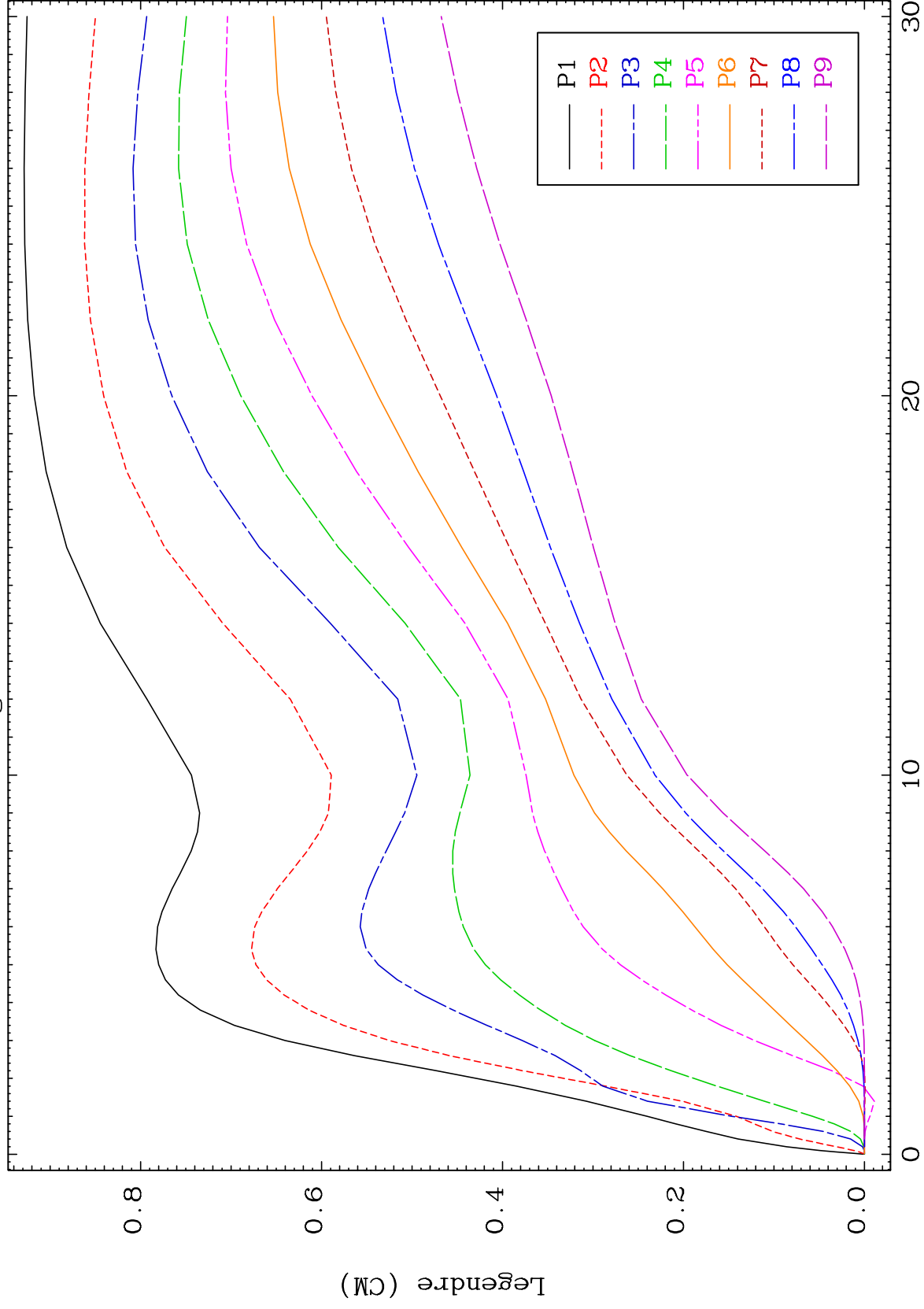
81-Tl-205



MAT 8131

Elastic Legendre Coefficients

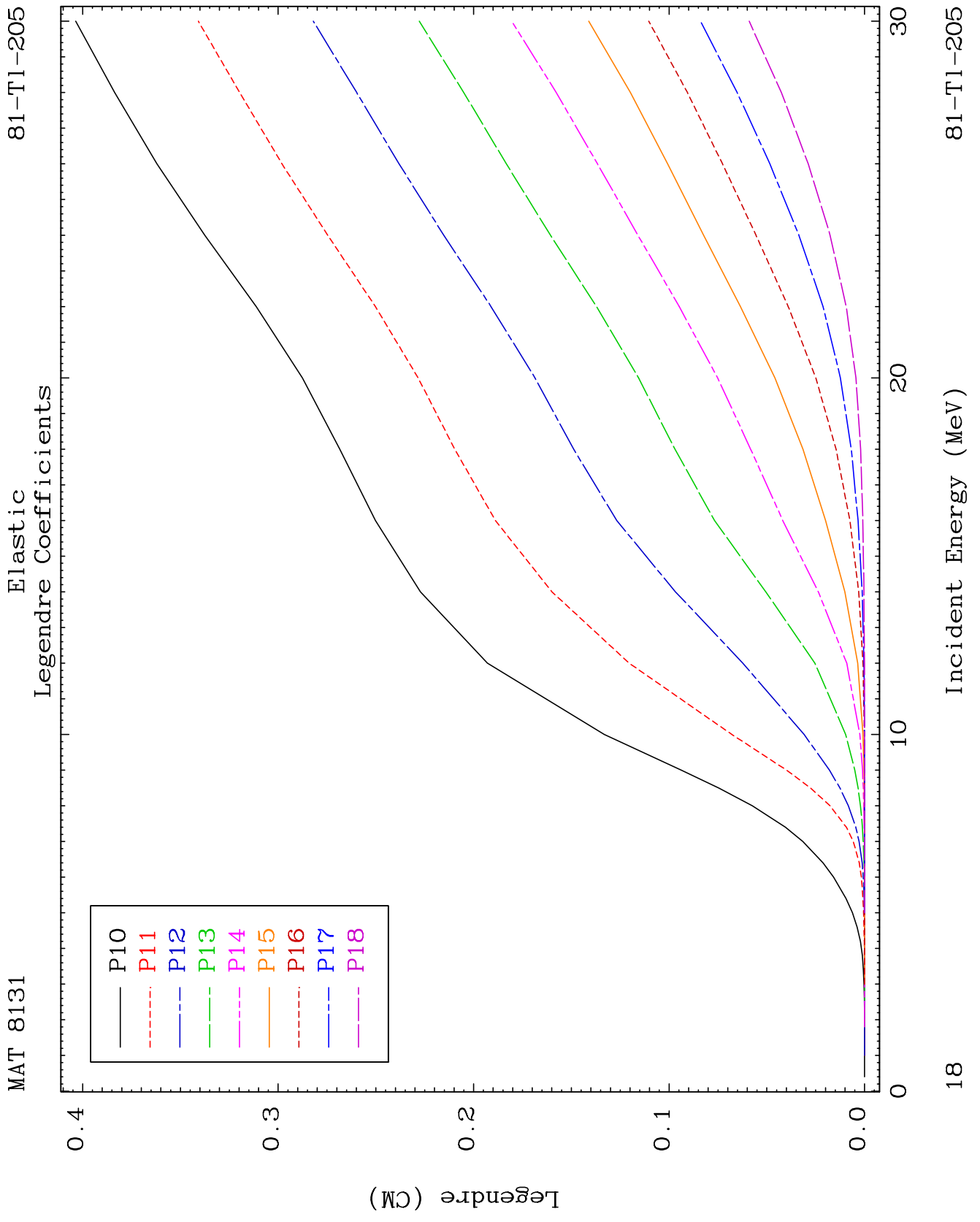
81-T1-205



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Incident Energy (MeV)

81-T1-205



MAT 8131

Elastic Legendre Coefficients

81-T1-205

18

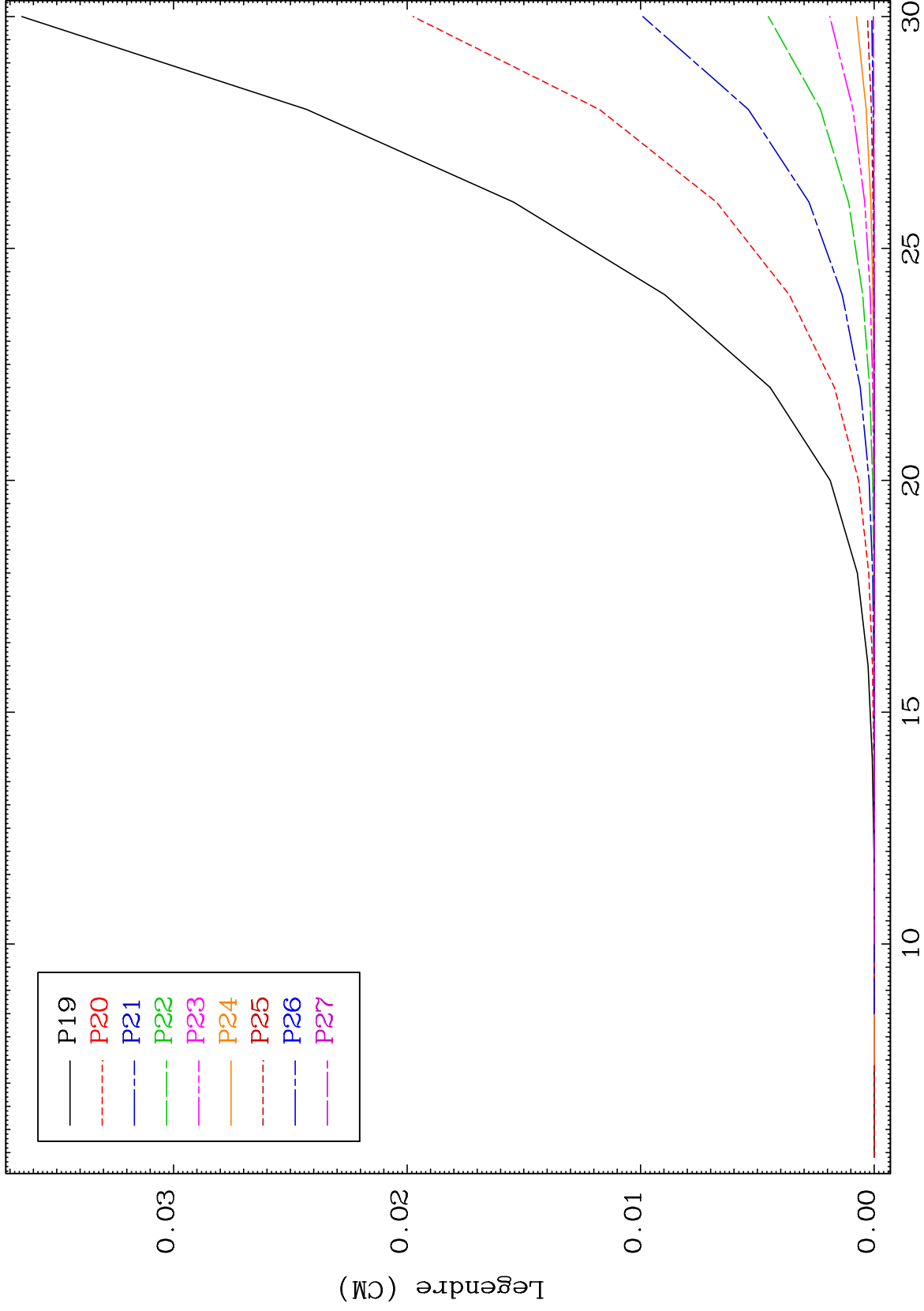
Incident Energy (MeV)

81-T1-205

MAT 8131

Elastic Legendre Coefficients

81-T1-205



19

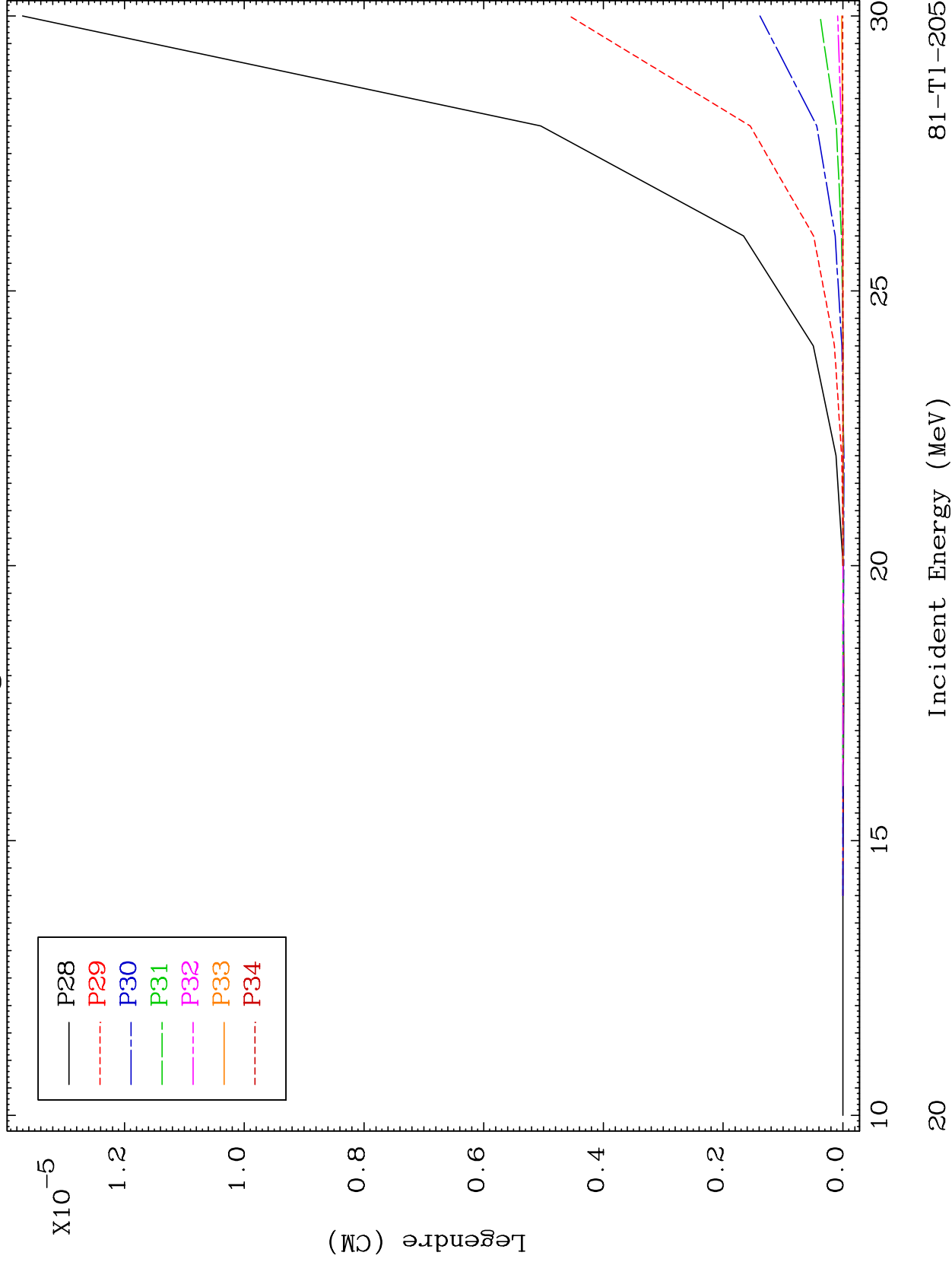
Incident Energy (MeV)

81-T1-205

MAT 8131

Elastic
Legendre Coefficients

81-T1-205



81-T1-205

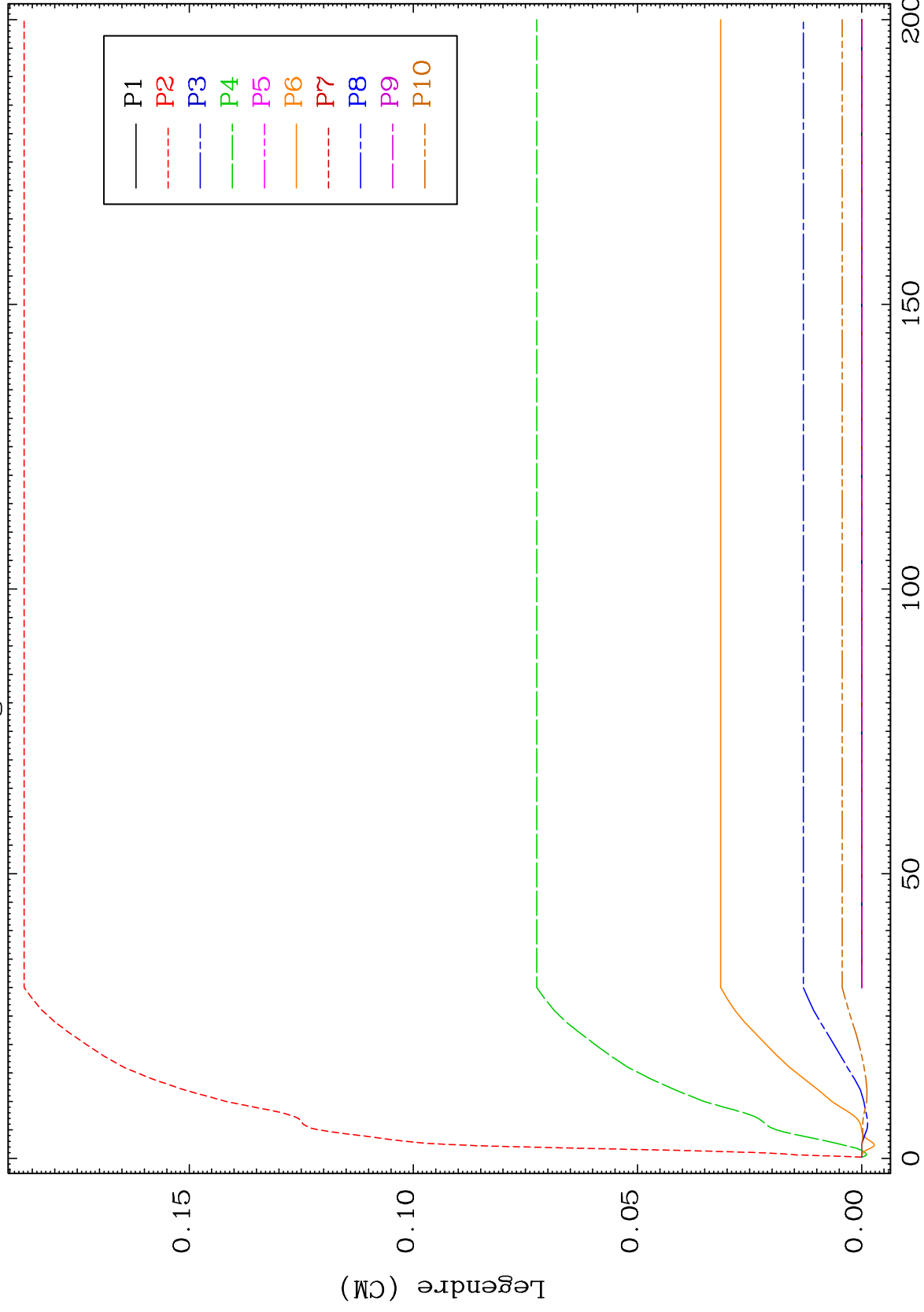
Incident Energy (MeV)

20

MAT 8131

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

81-T1-205



21

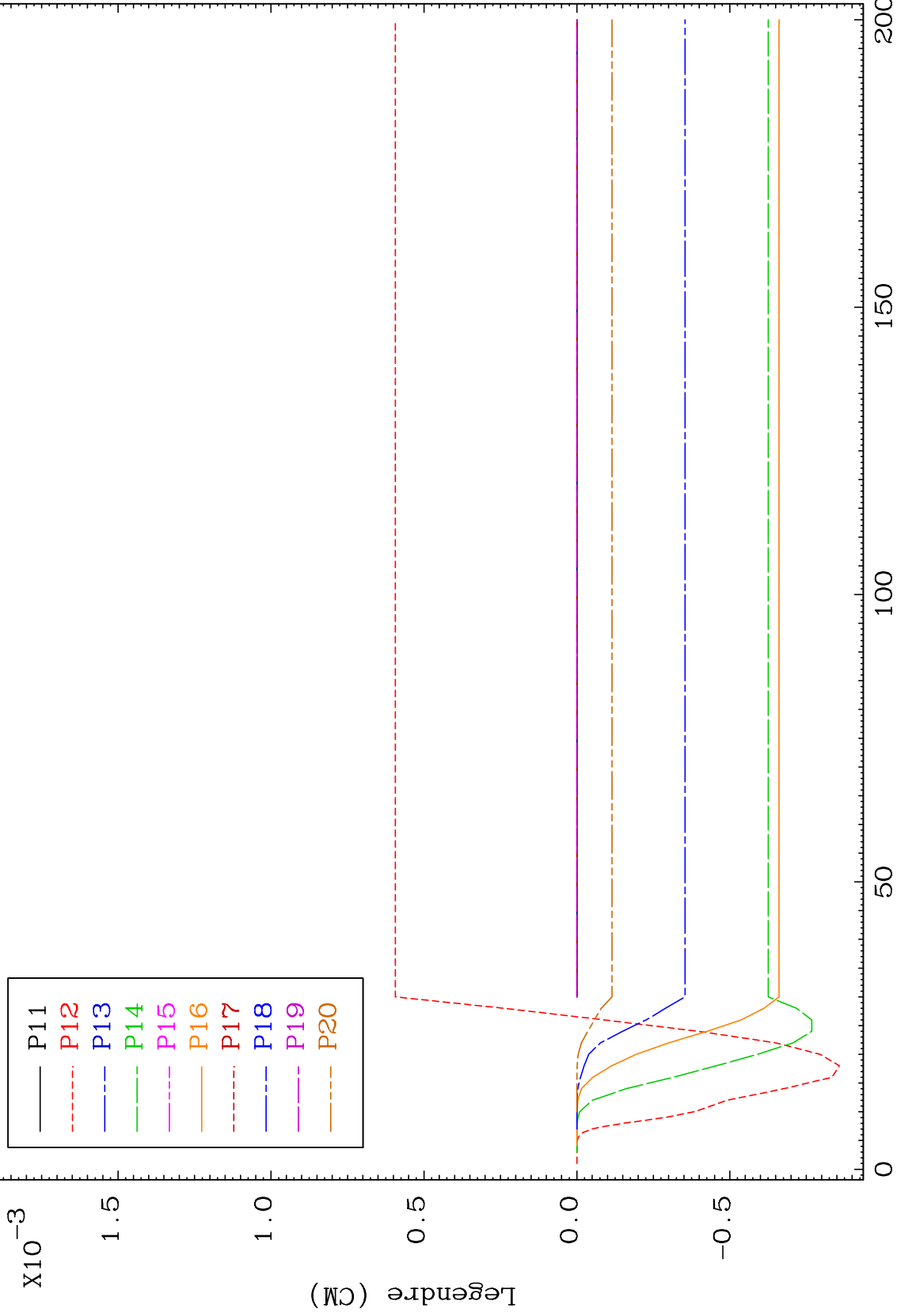
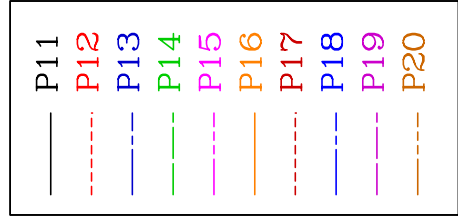
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



22

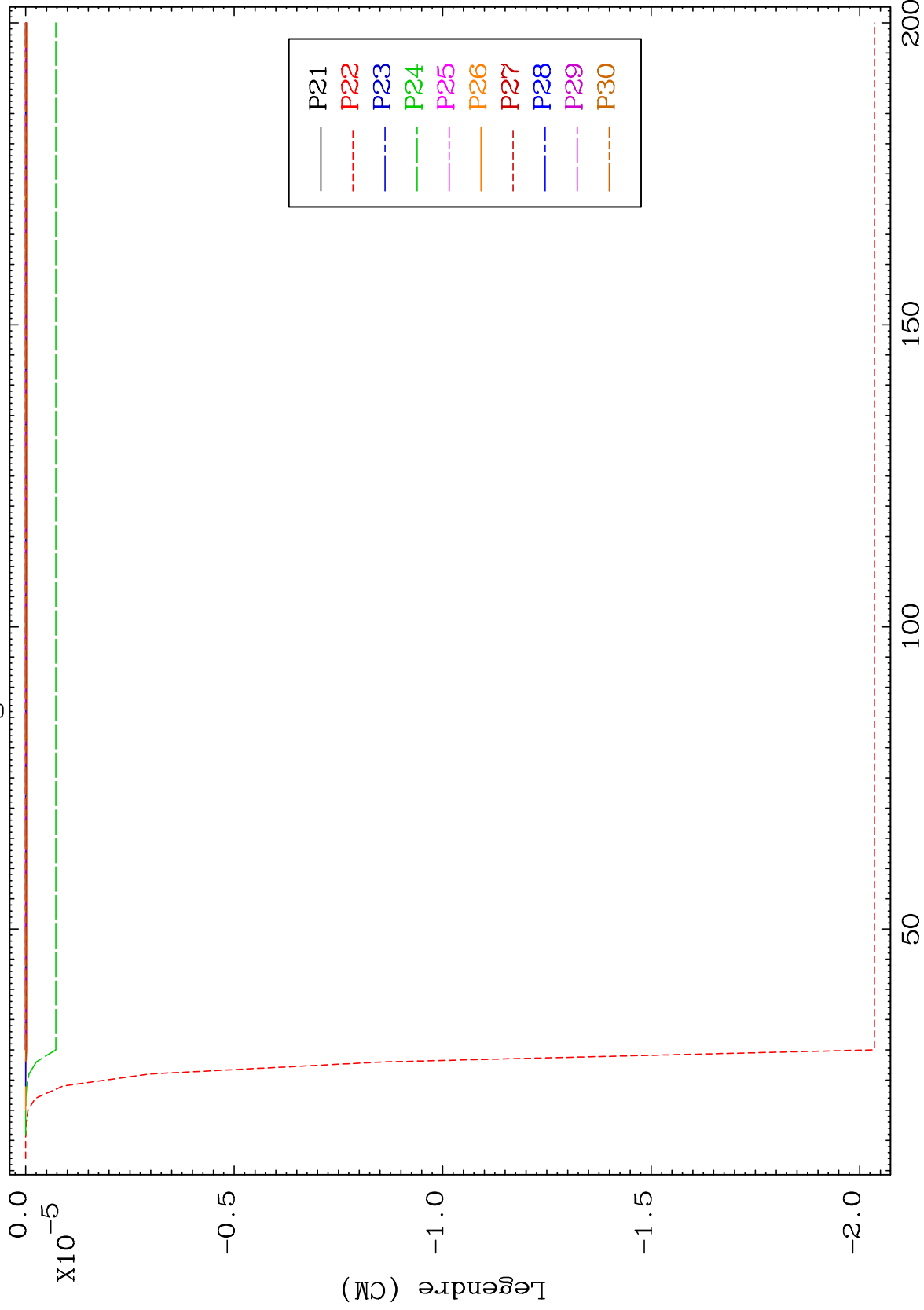
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



23

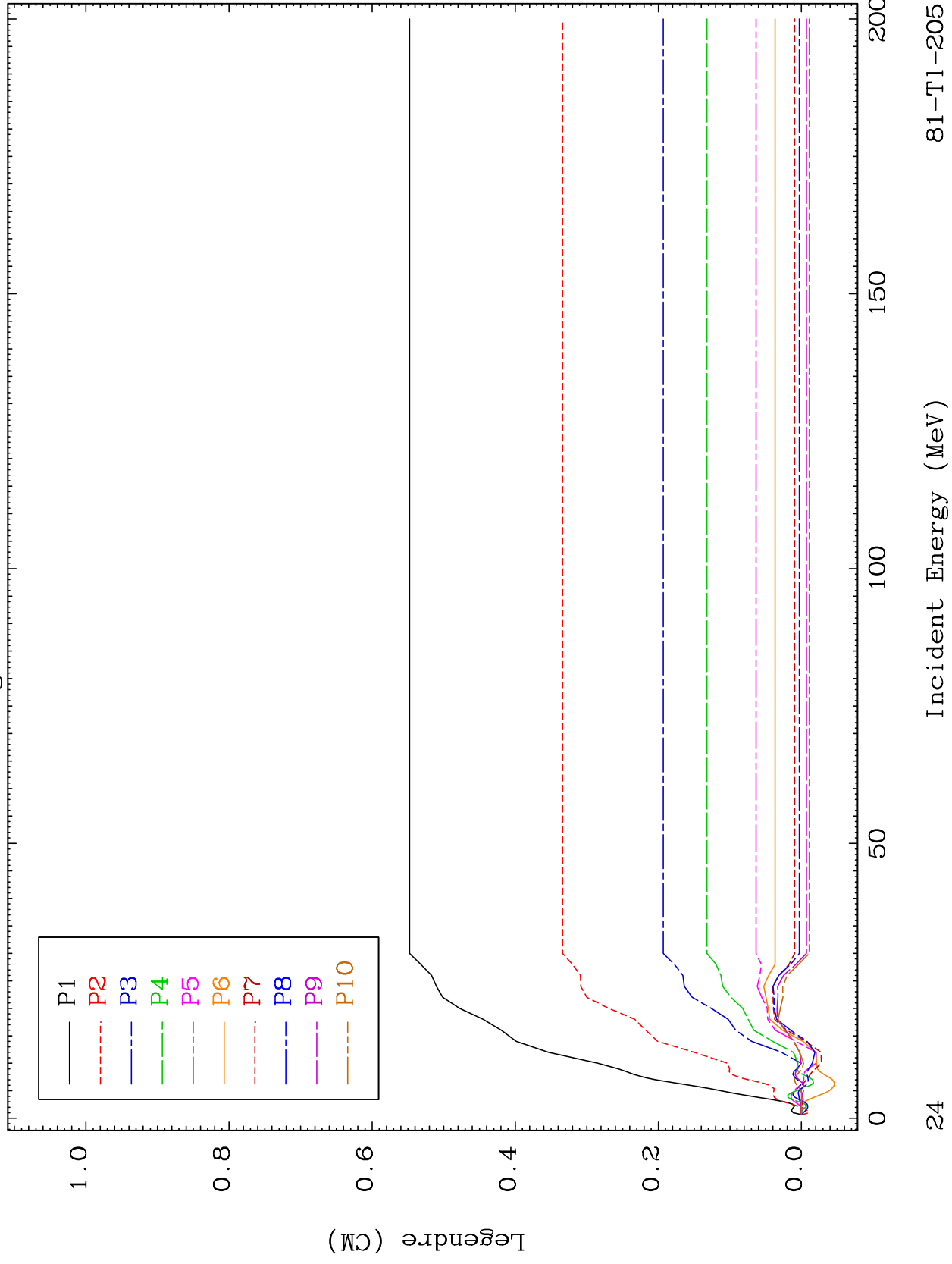
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



24

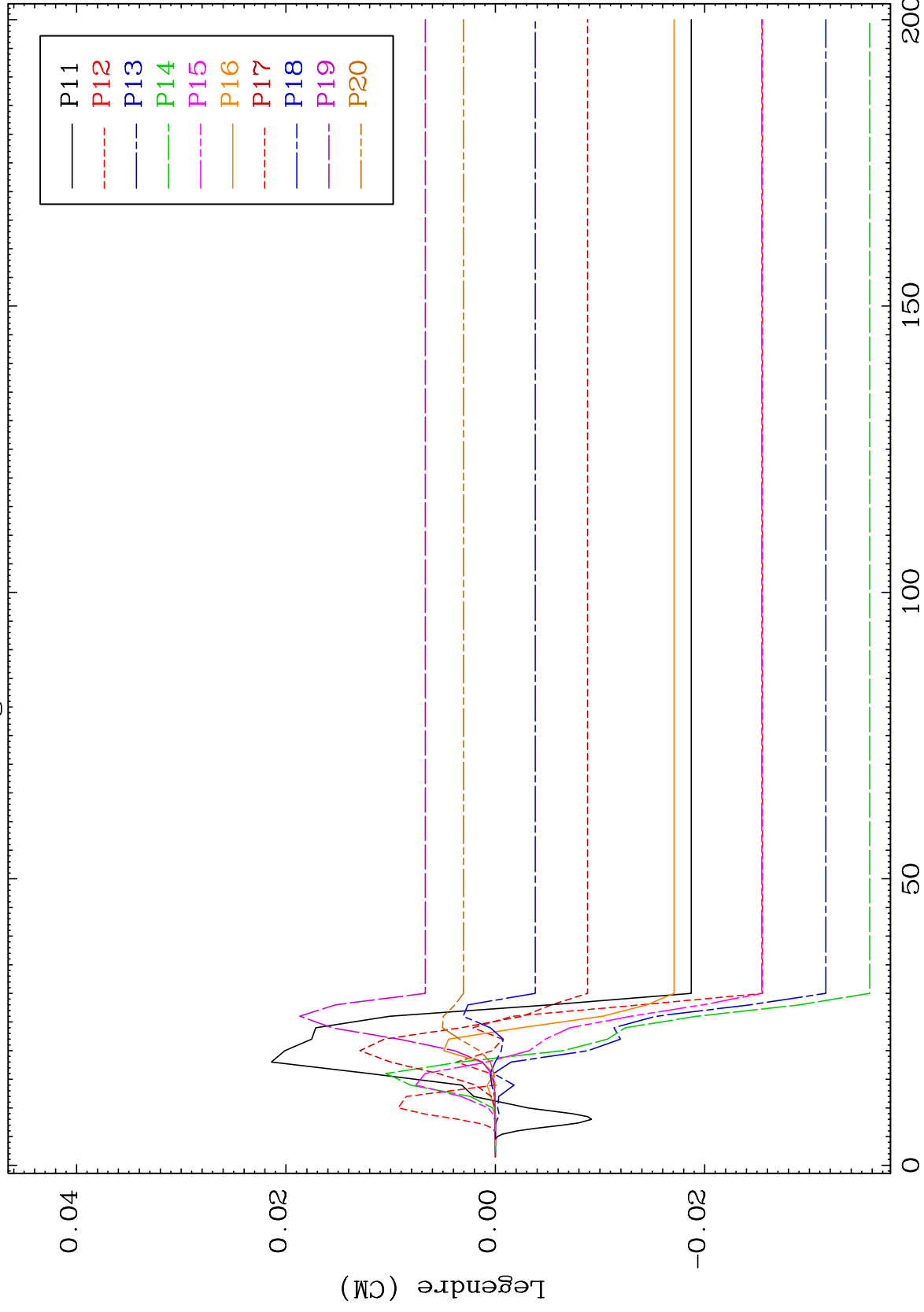
Incident Energy (MeV)

81-T1-205

MAT 8131

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

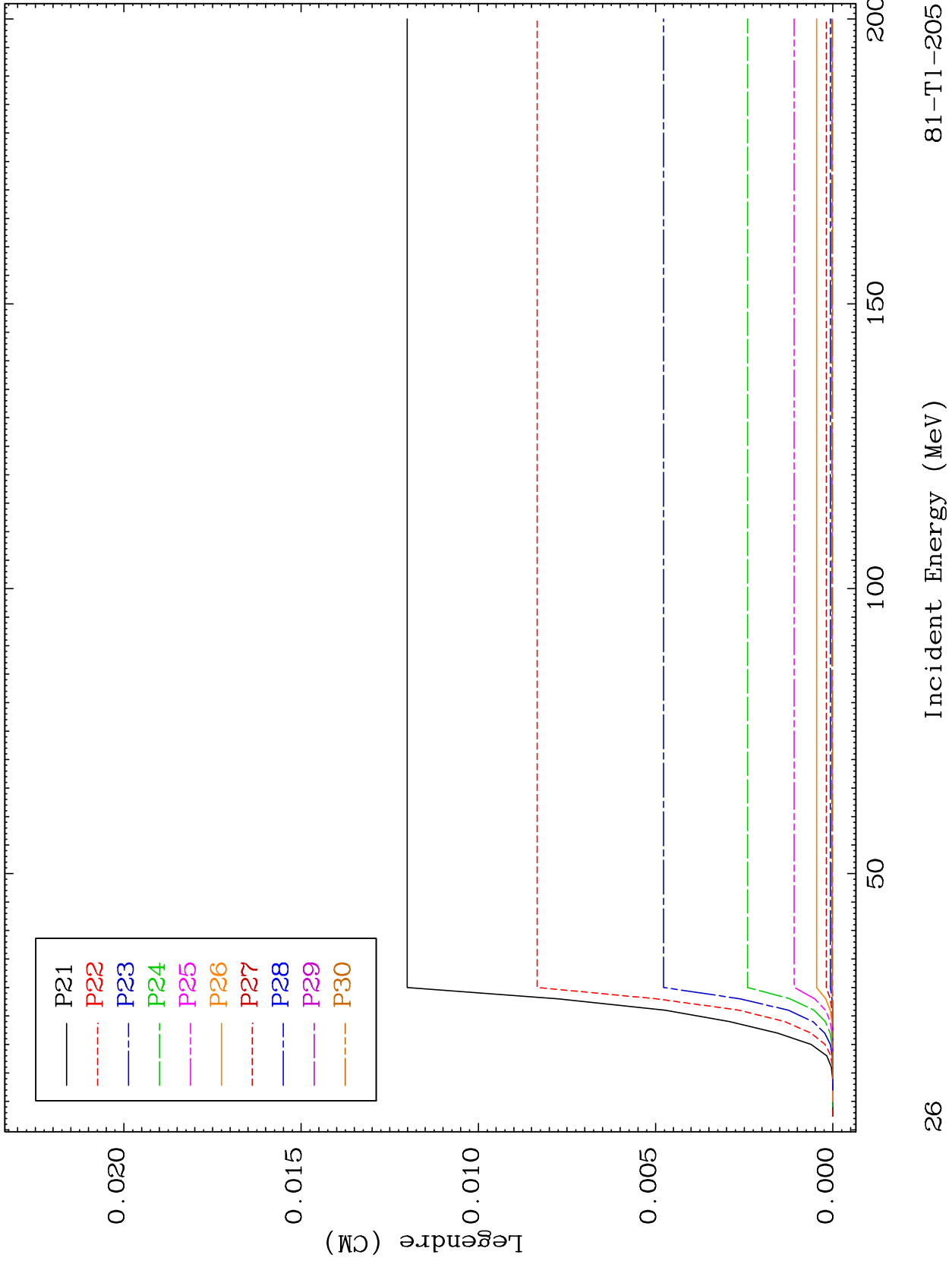
81-T1-205



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Incident Energy (MeV)

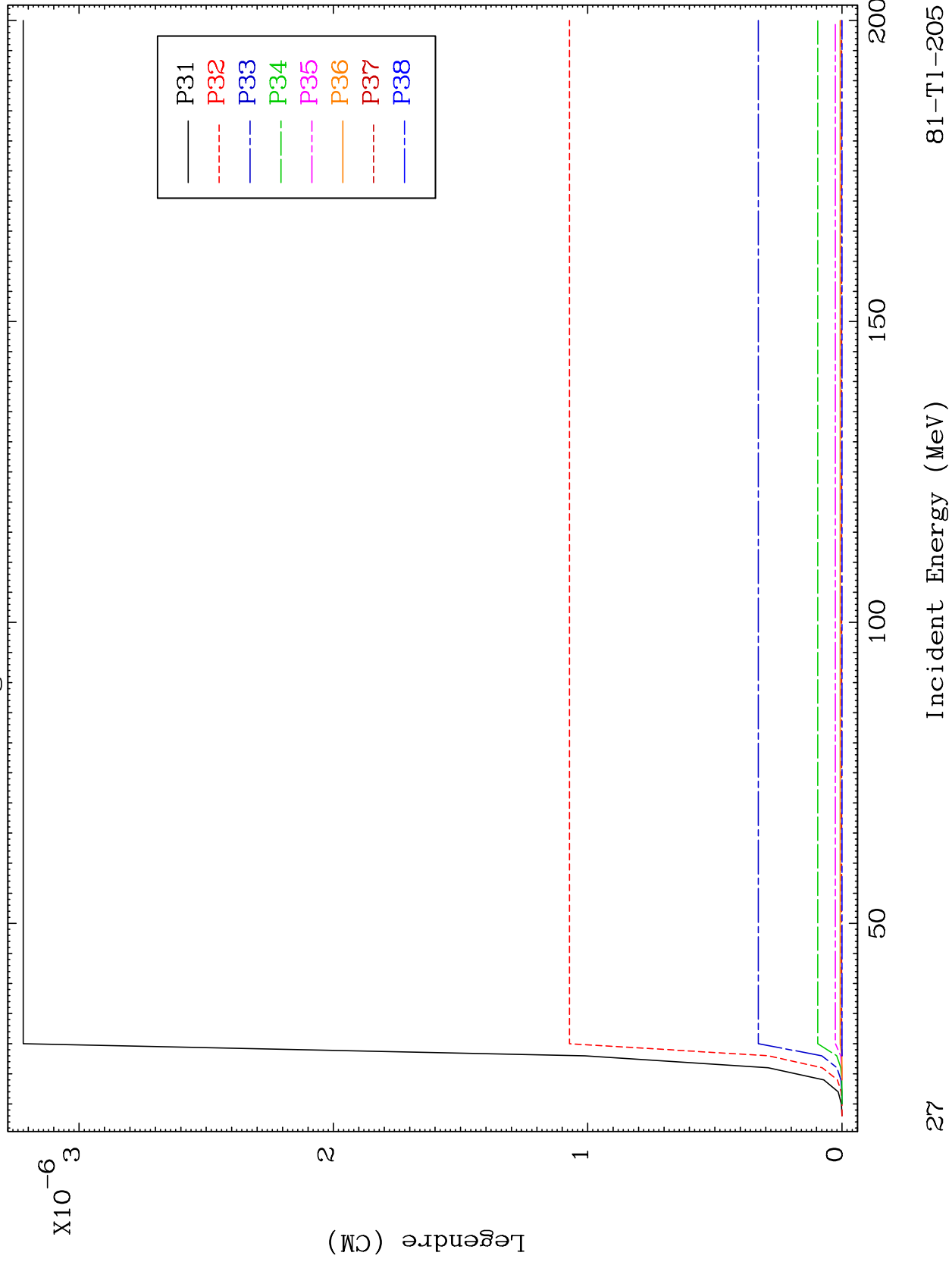
81-T1-205



MAT 8131

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

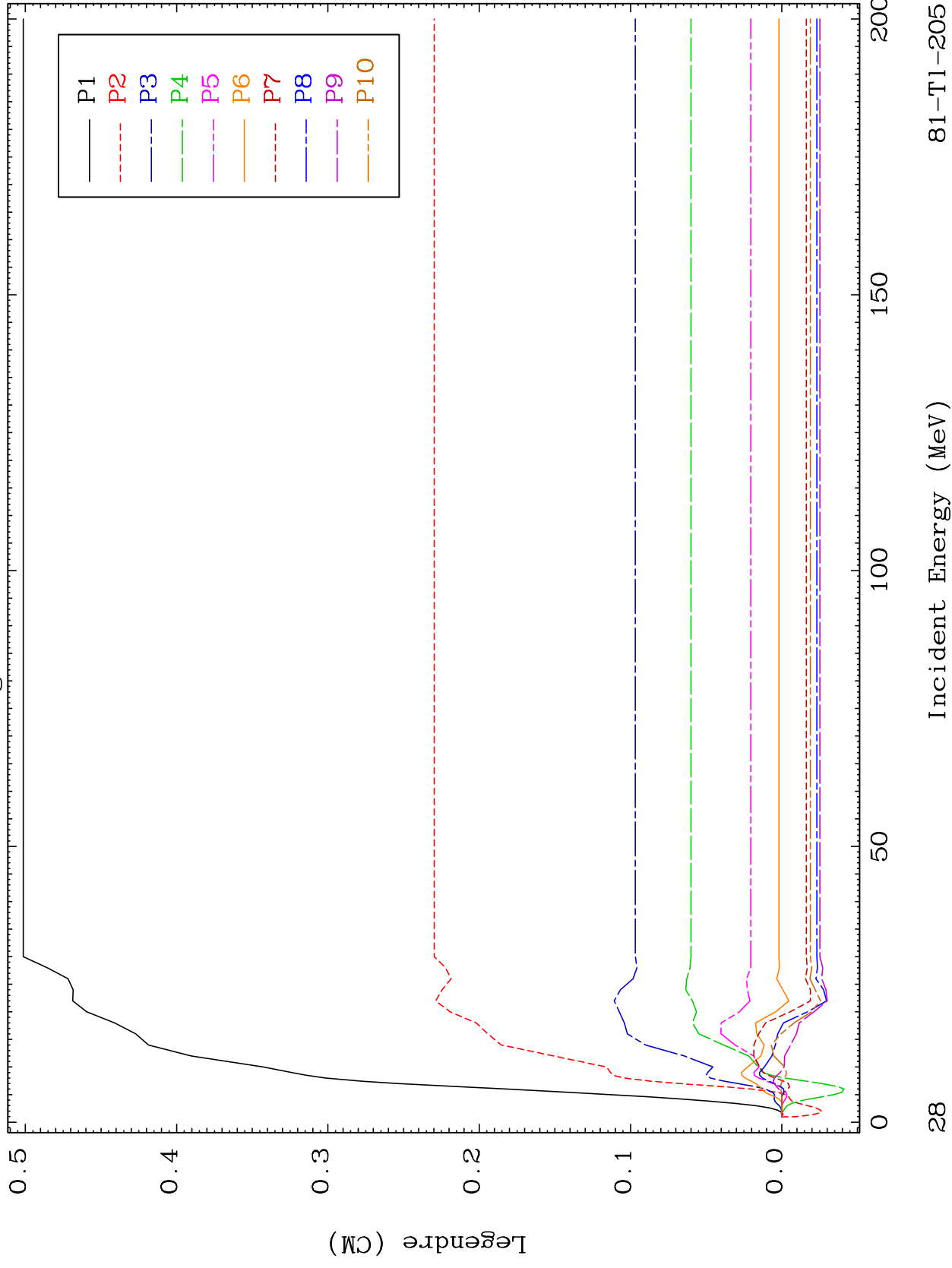
81-T1-205



MAT 8131

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

81-T1-205



81-T1-205

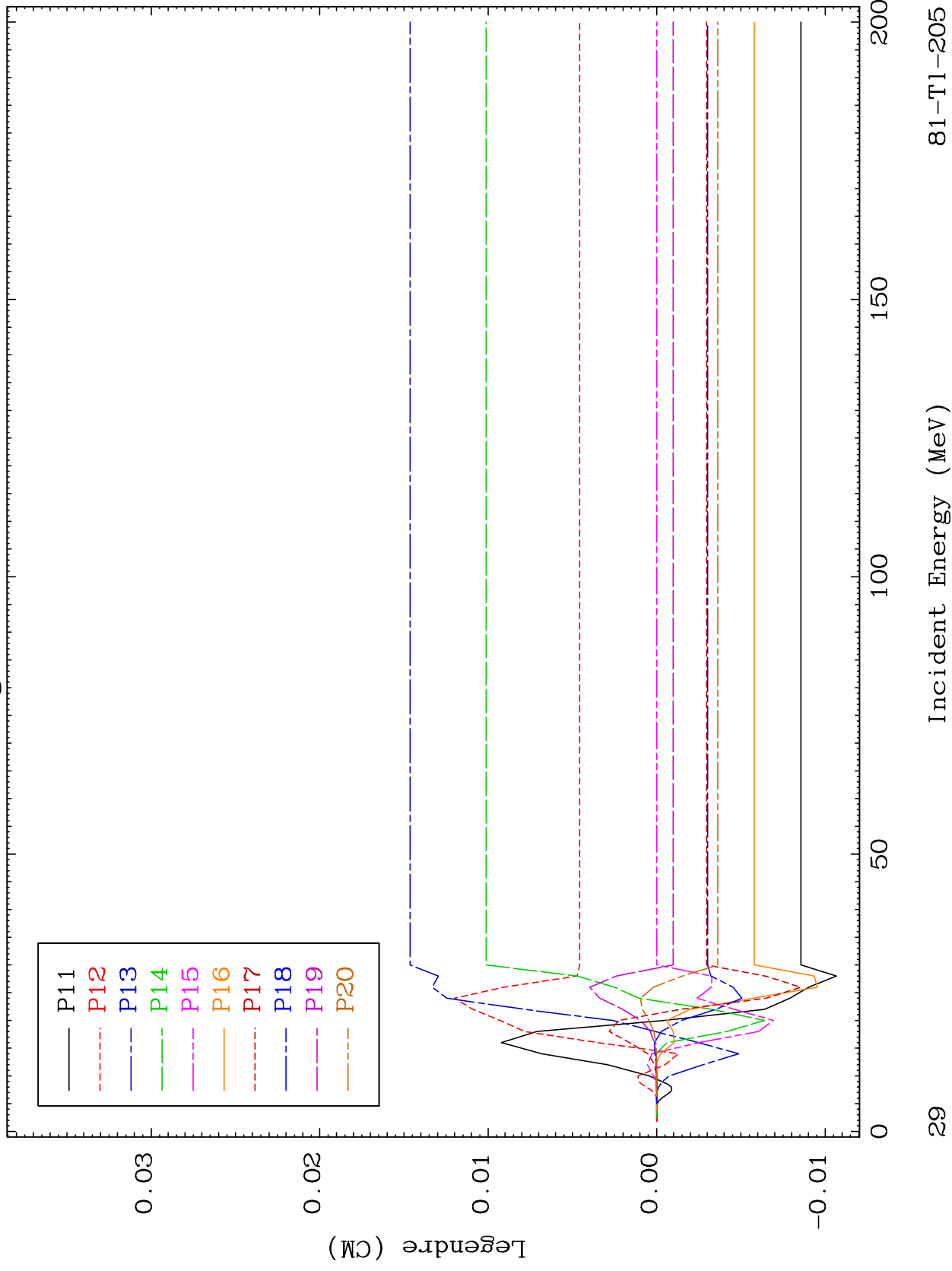
Incident Energy (MeV)

28

MAT 8131

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

81-T1-205



29

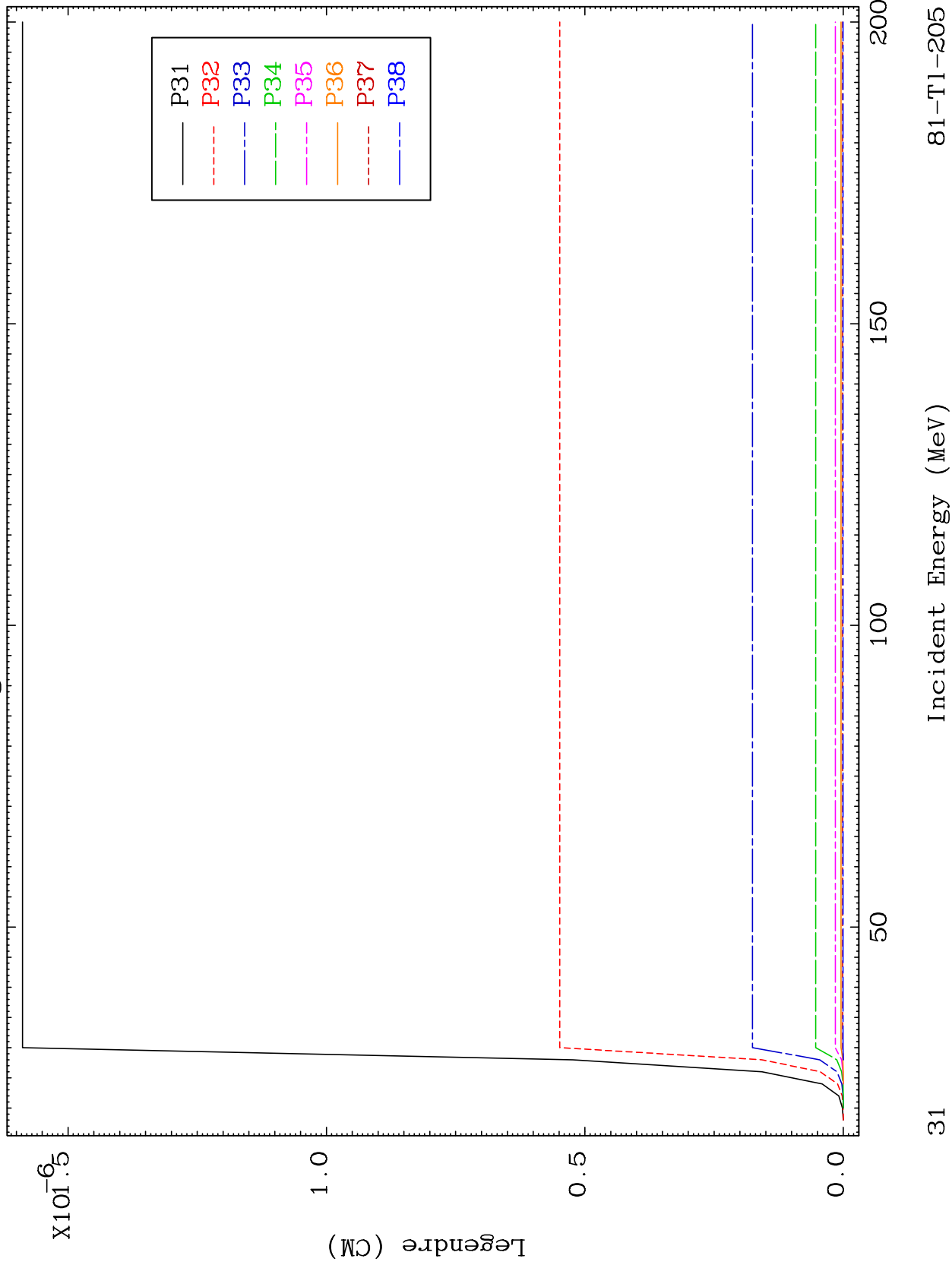
Incident Energy (MeV)

81-T1-205

MAT 8131

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

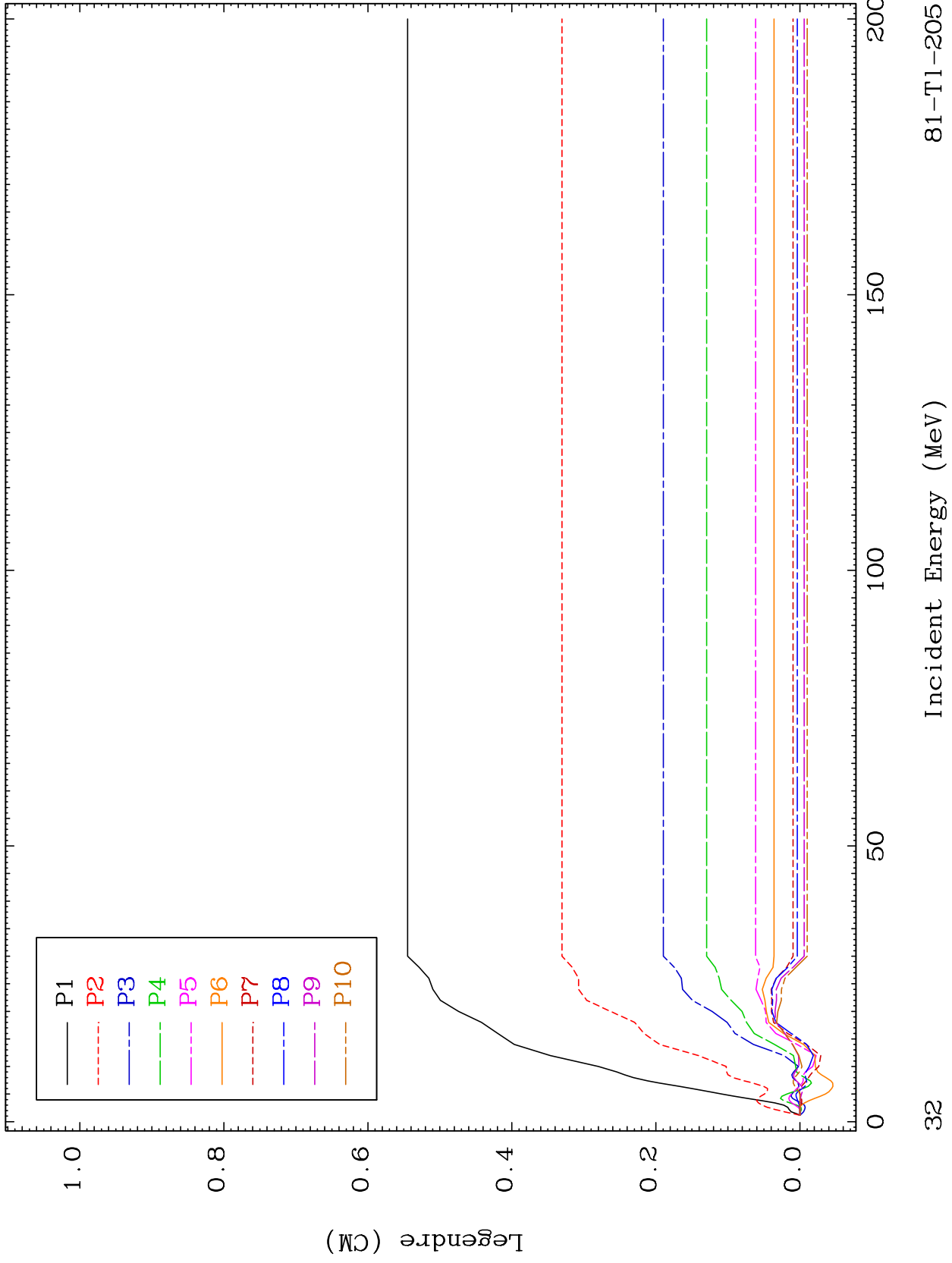
81-T1-205



MAT 8131

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

81-T1-205

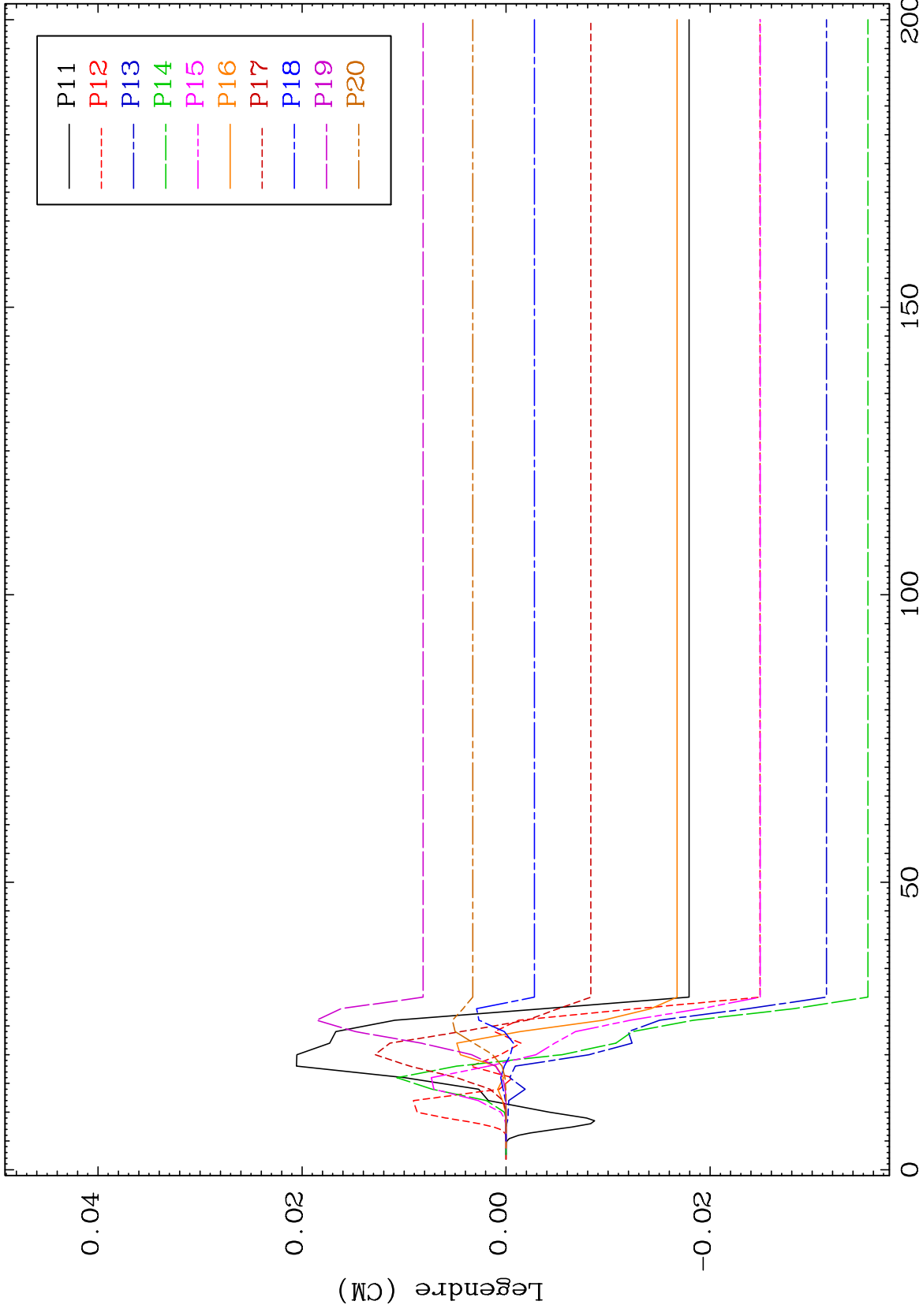


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MAT 8131

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

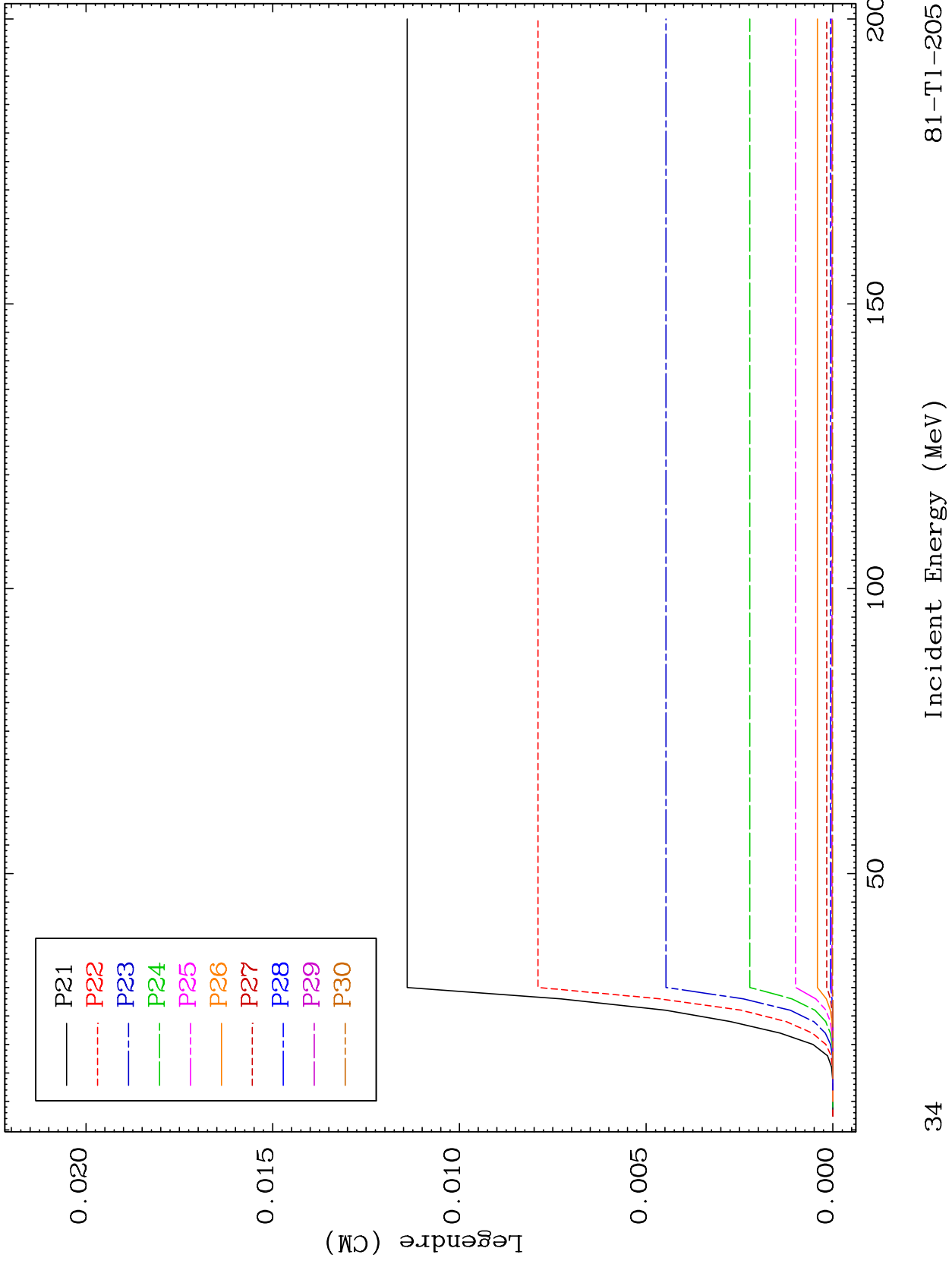
81-T1-205



33

Incident Energy (MeV)

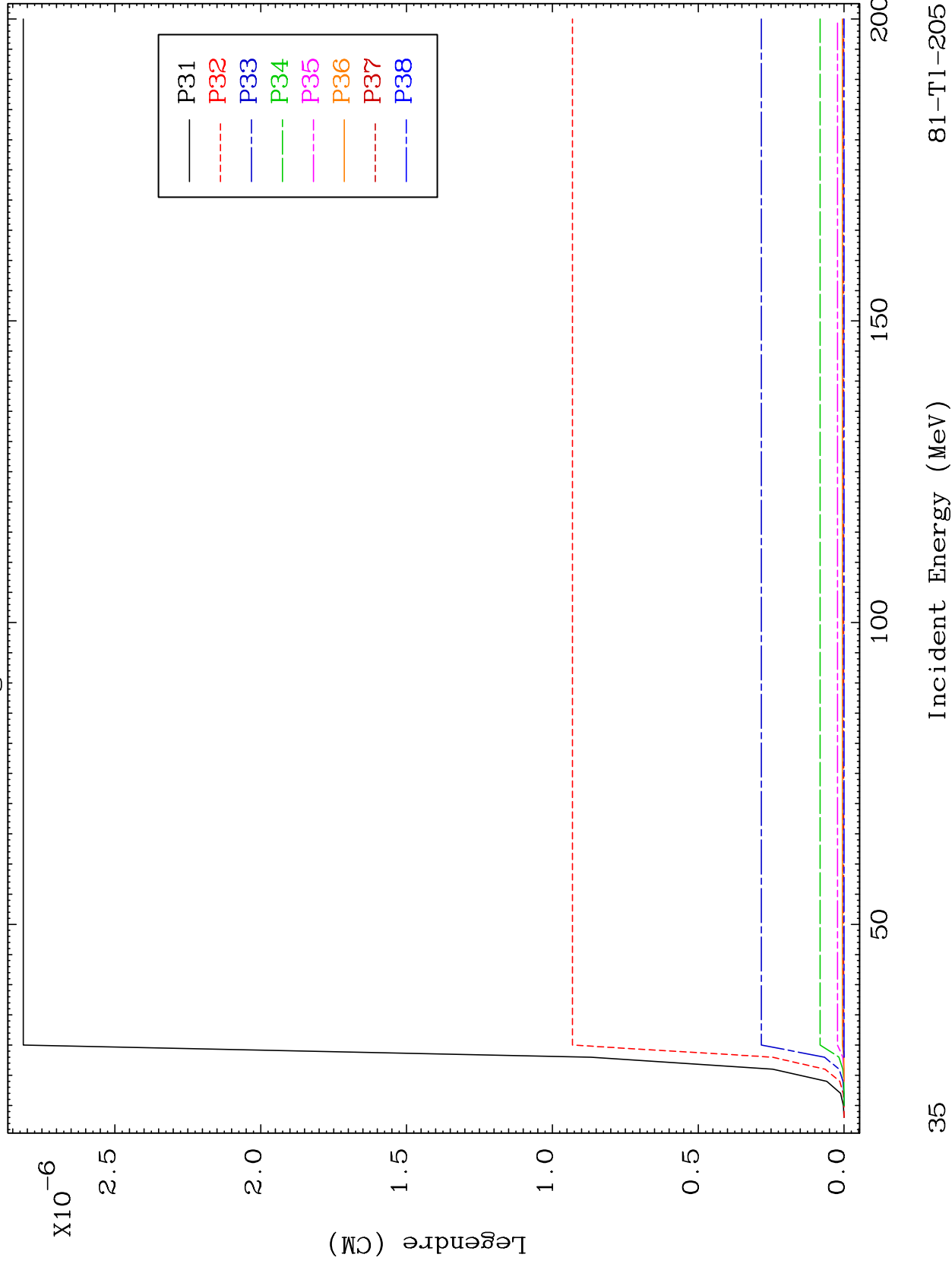
81-T1-205



MAT 8131

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

81-T1-205



81-T1-205

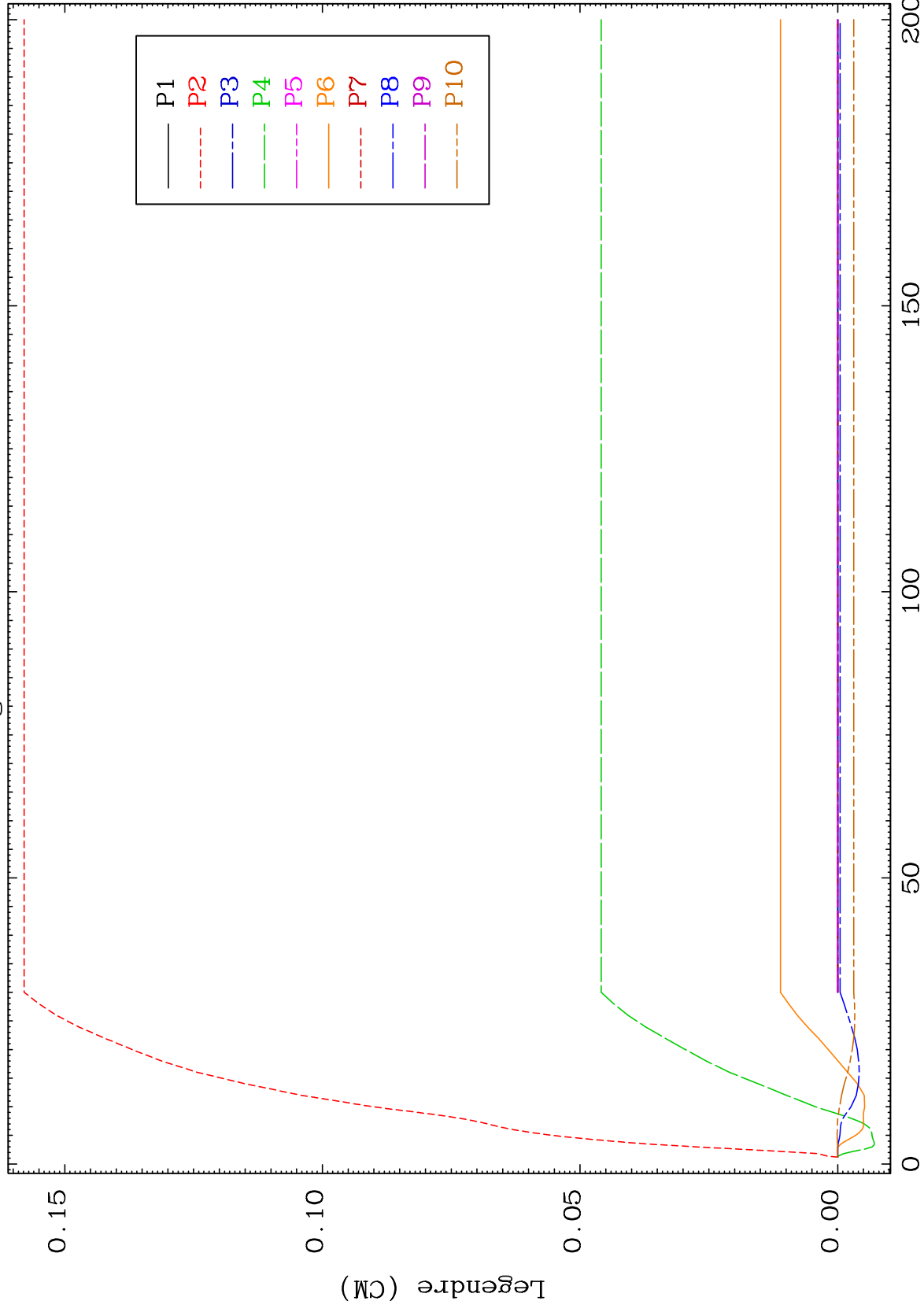
Incident Energy (MeV)

35

MAT 8131

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

81-T1-205



36

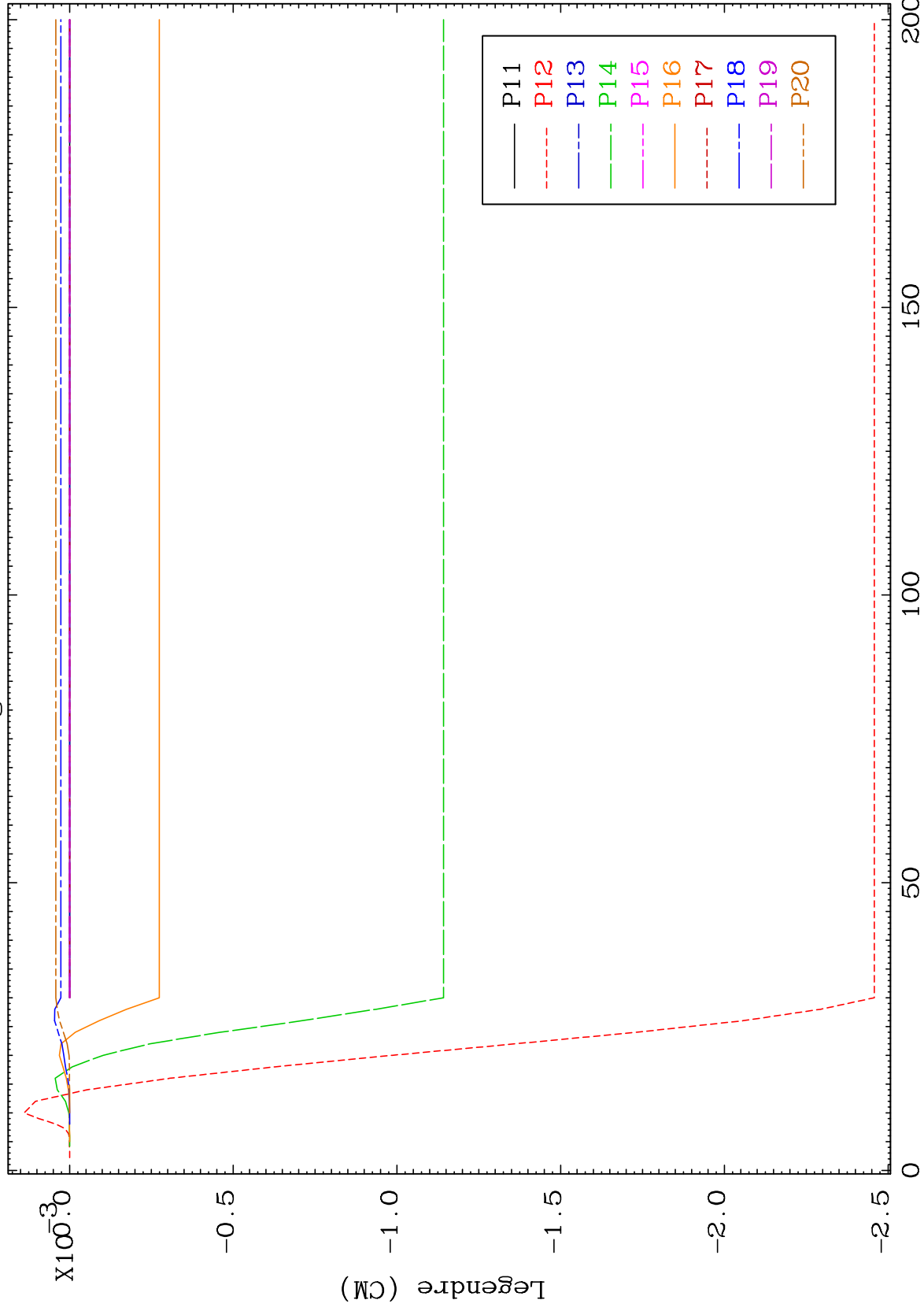
Incident Energy (MeV)

81-T1-205

MAT 8131

81-T1-205

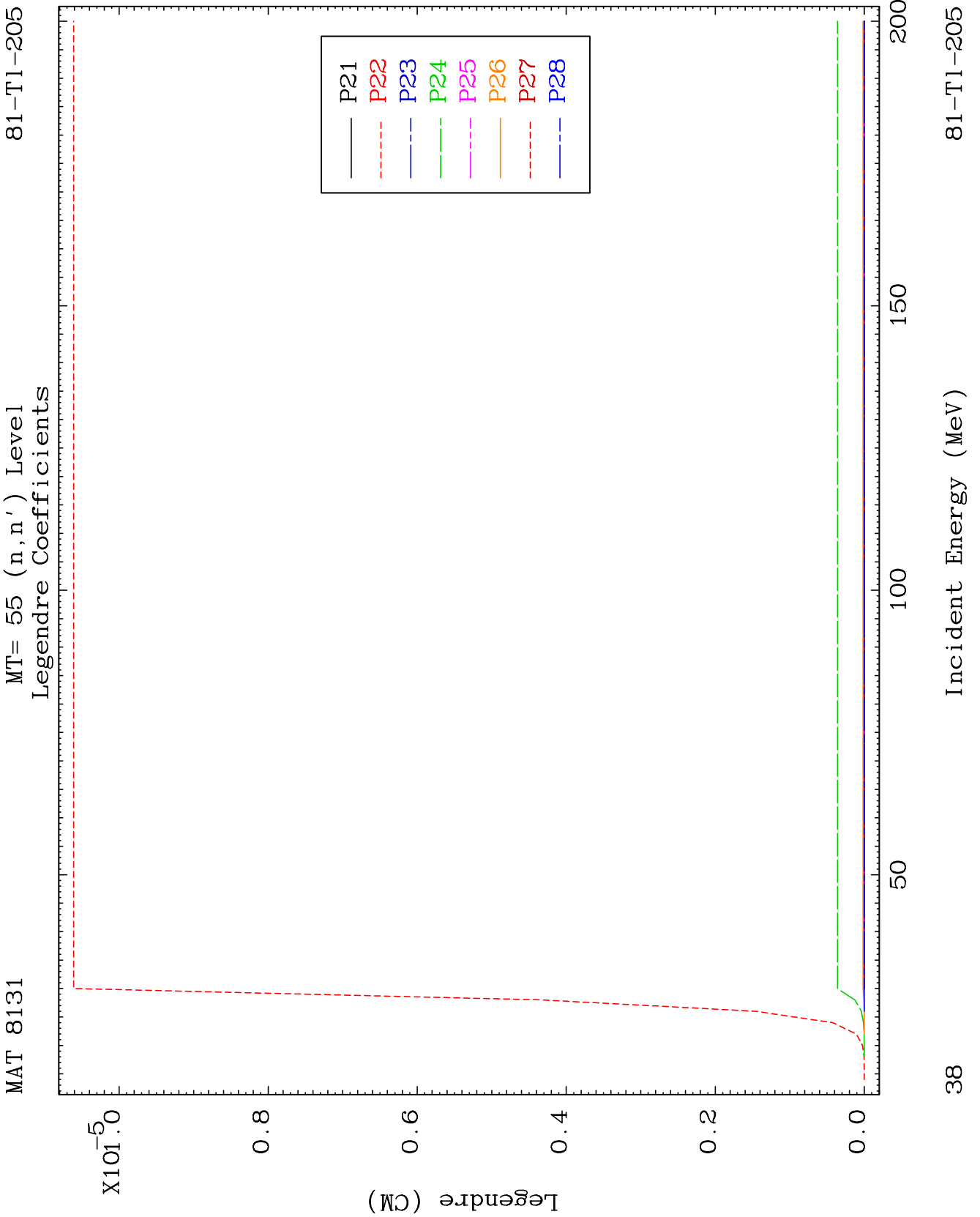
MT= 55 (n,n') Level
Legendre Coefficients



37

Incident Energy (MeV)

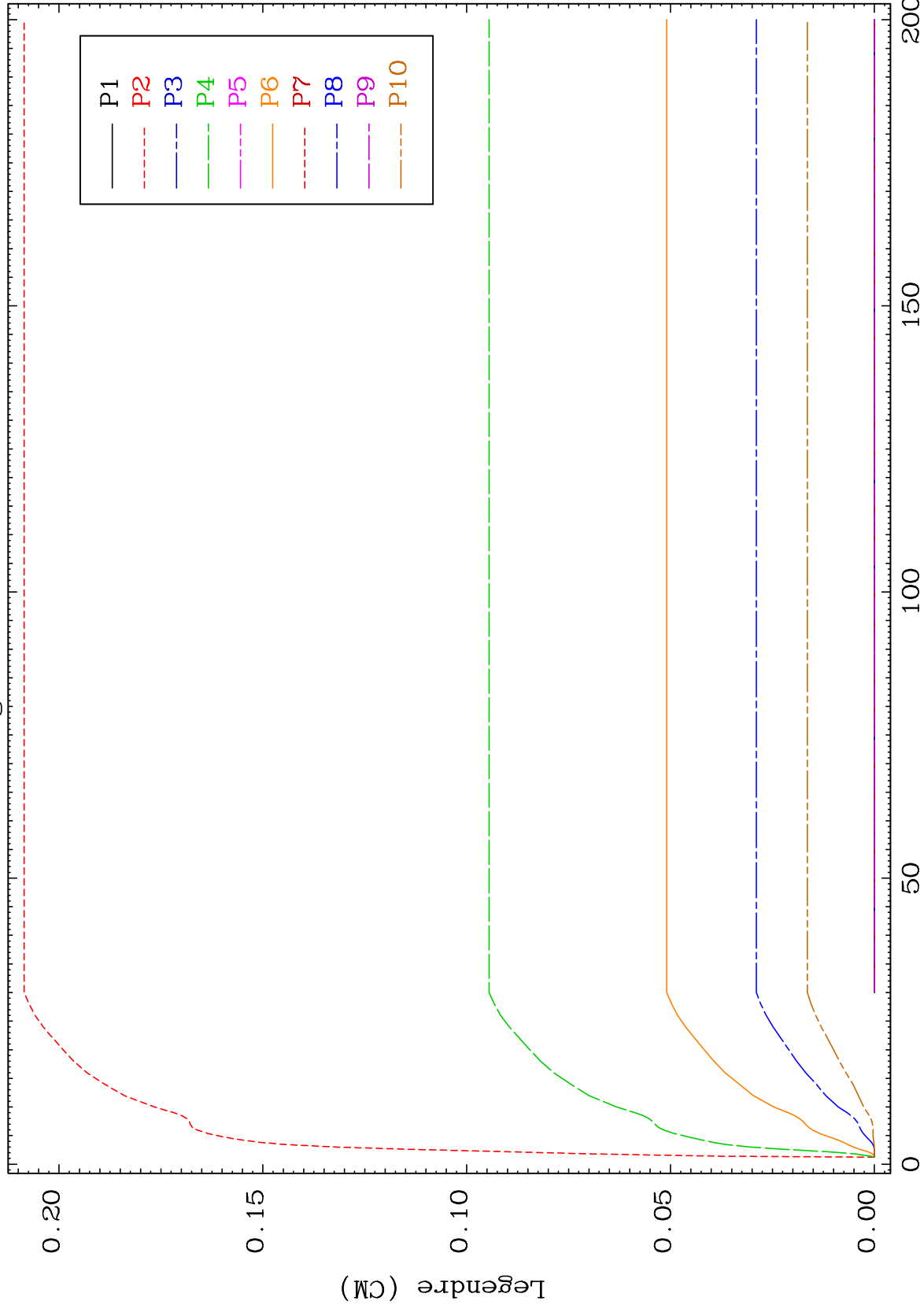
81-T1-205



MAT 8131

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

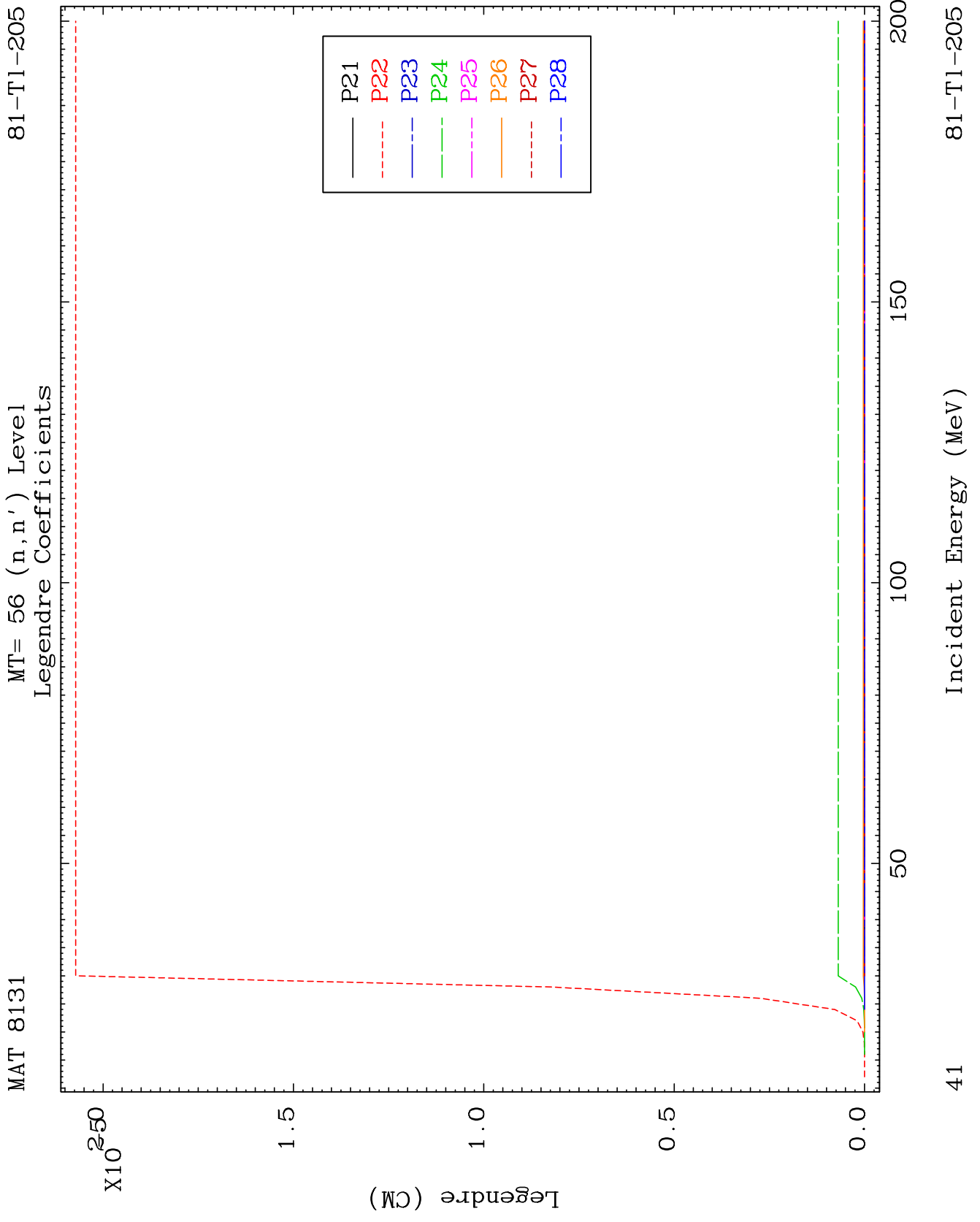
81-T1-205



39

Incident Energy (MeV)

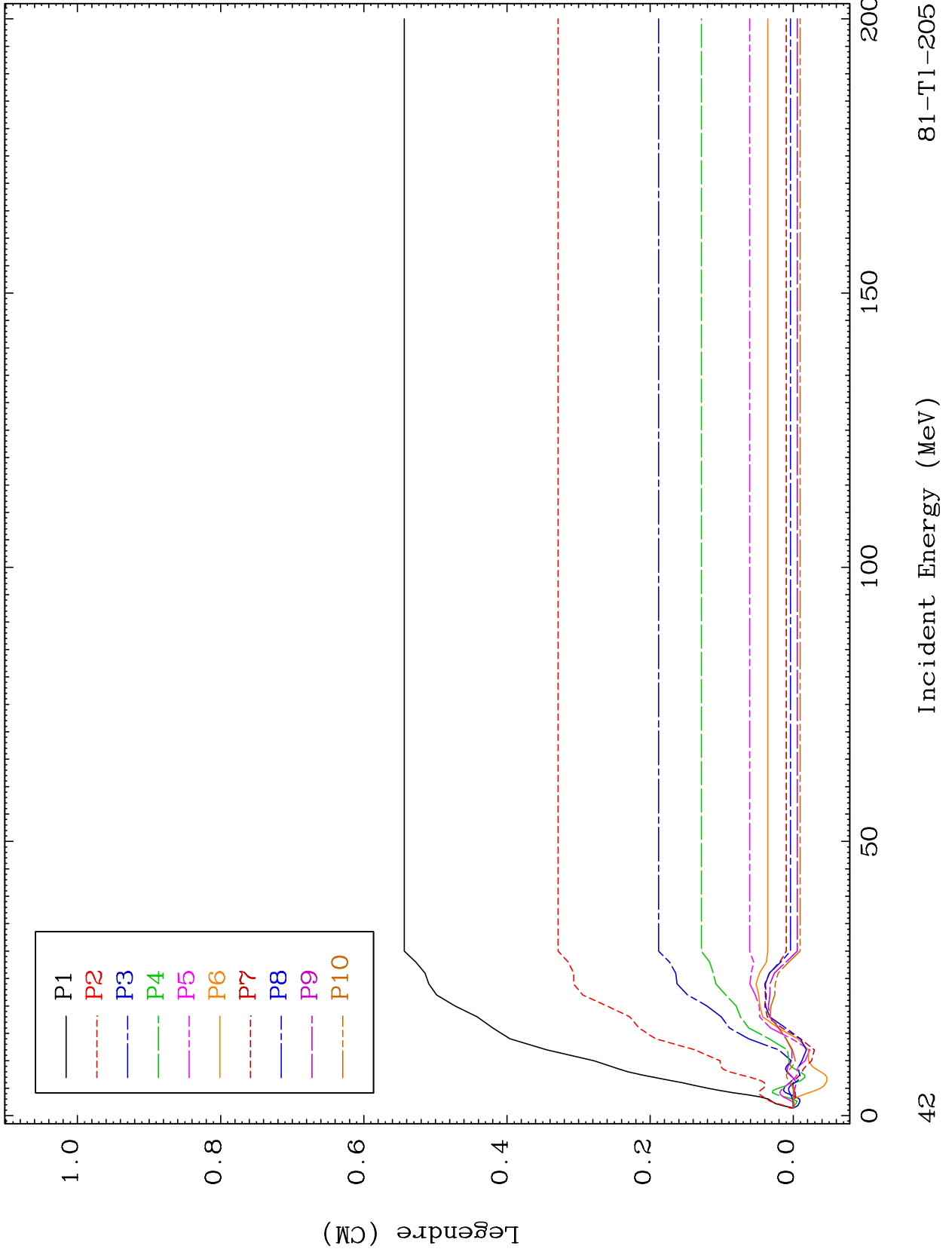
81-T1-205



MAT 8131

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

81-T1-205

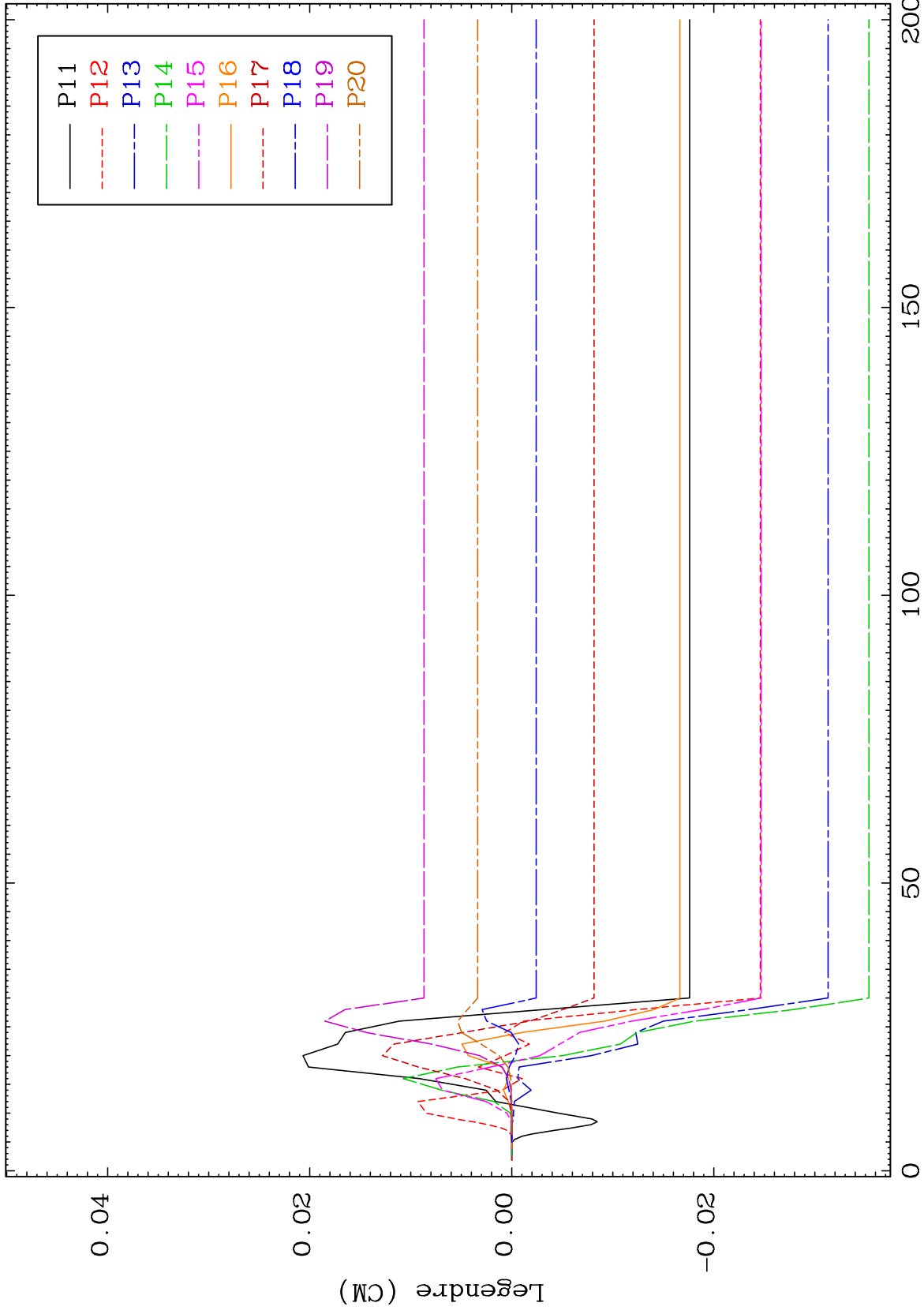


42

MAT 8131

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

81-T1-205



43

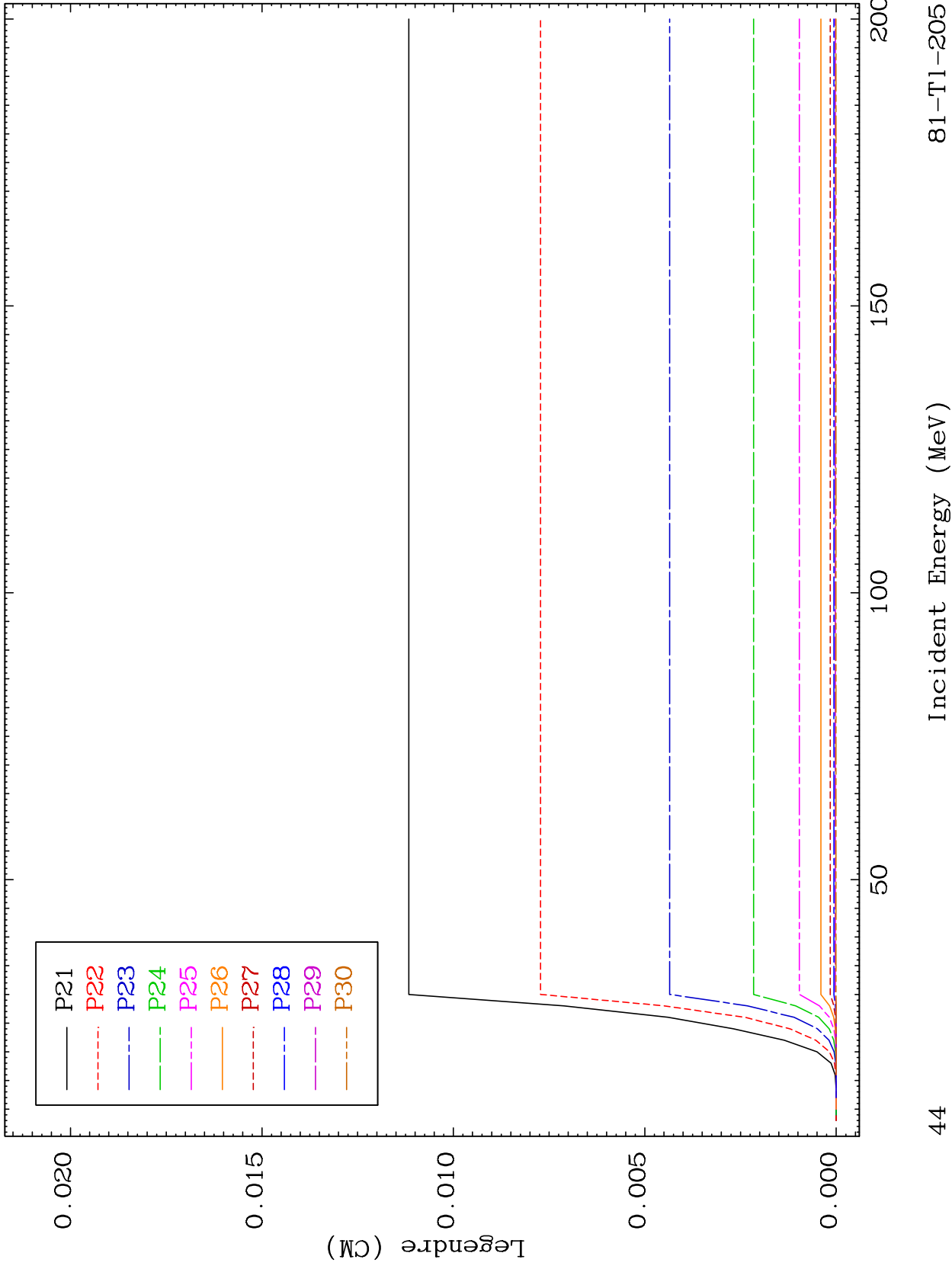
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



44

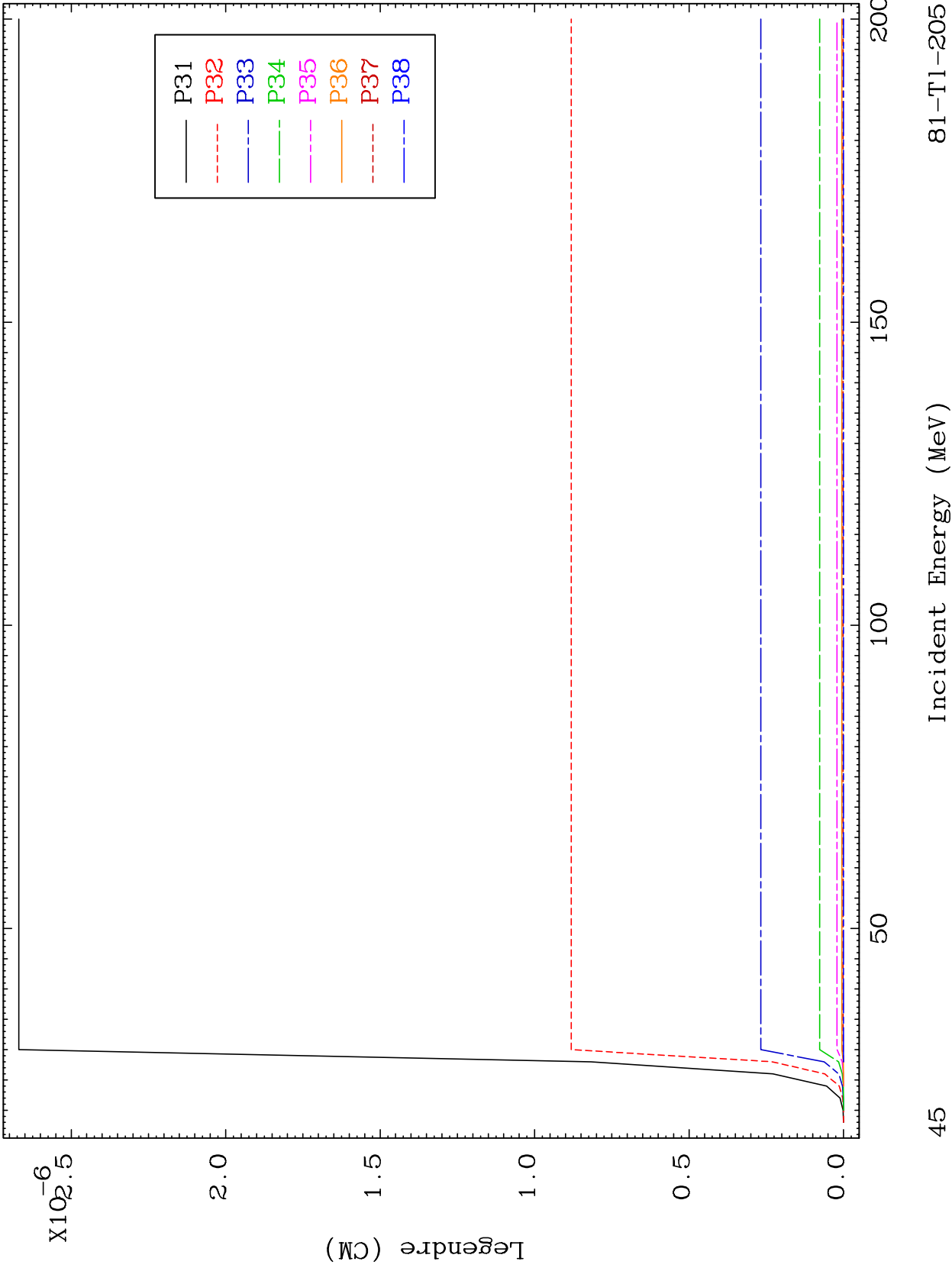
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



45

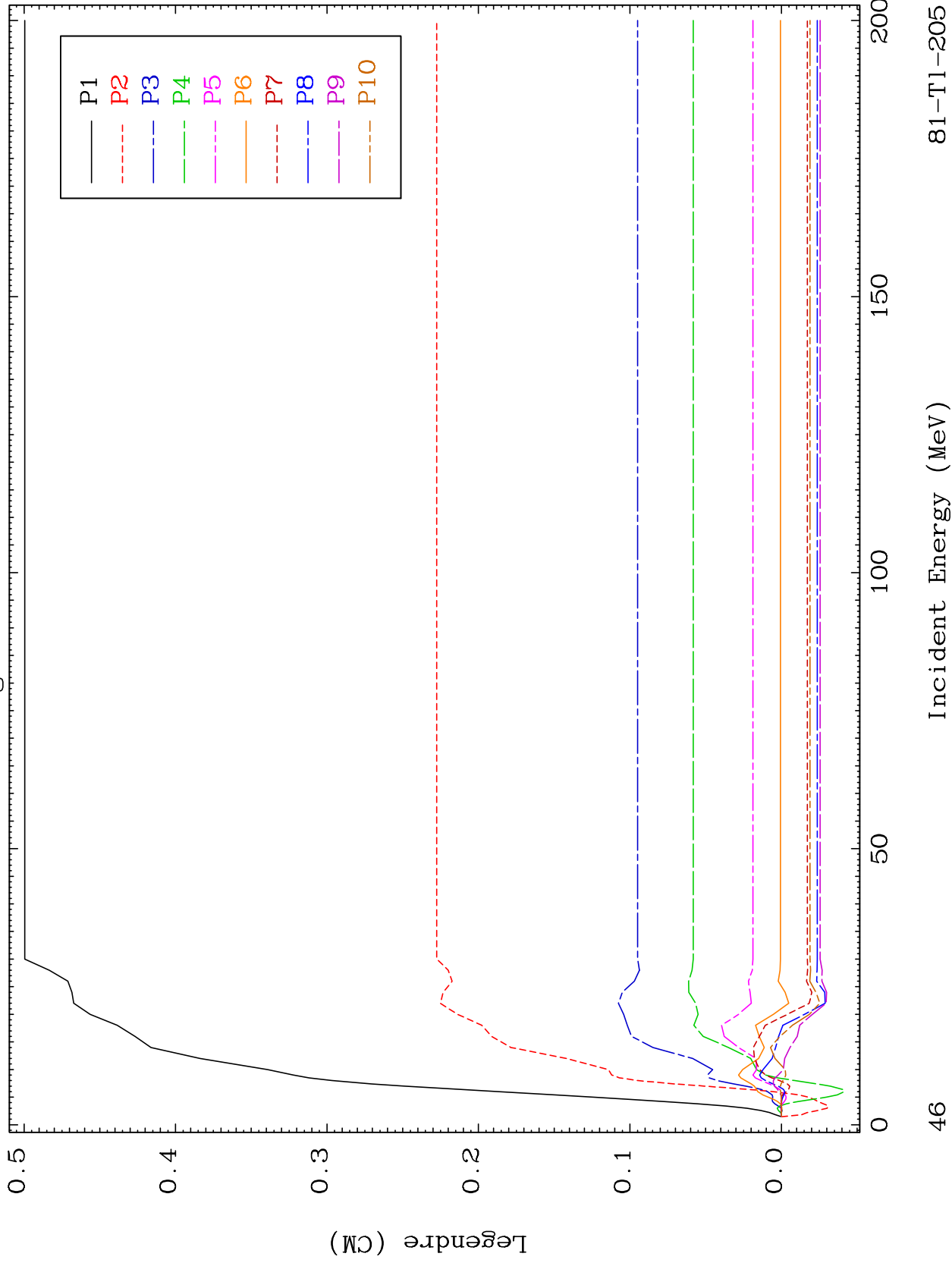
Incident Energy (MeV)

81-T1-205

MAT 8131

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

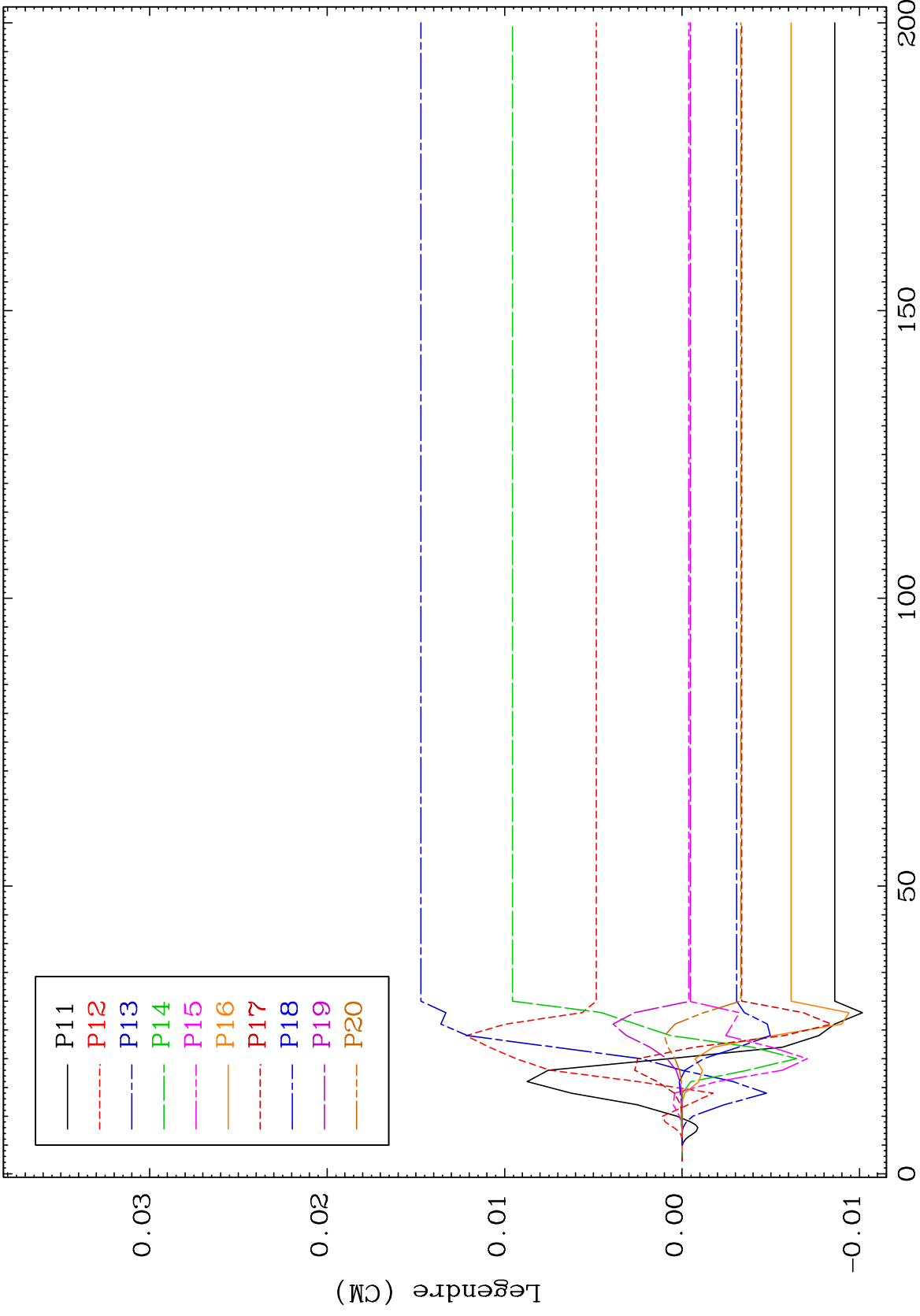
81-T1-205



MAT 8131

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

81-T1-205



47

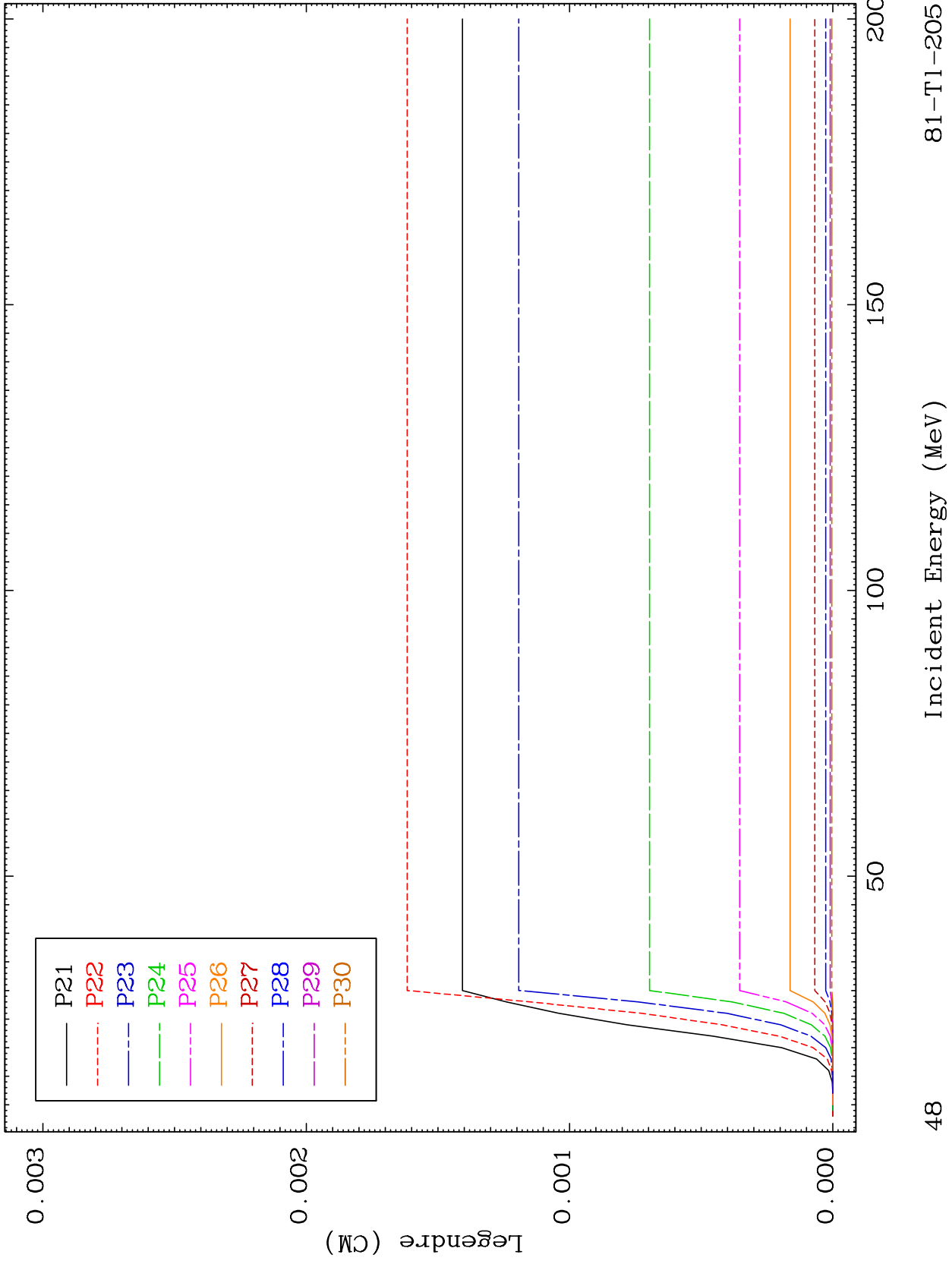
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



48

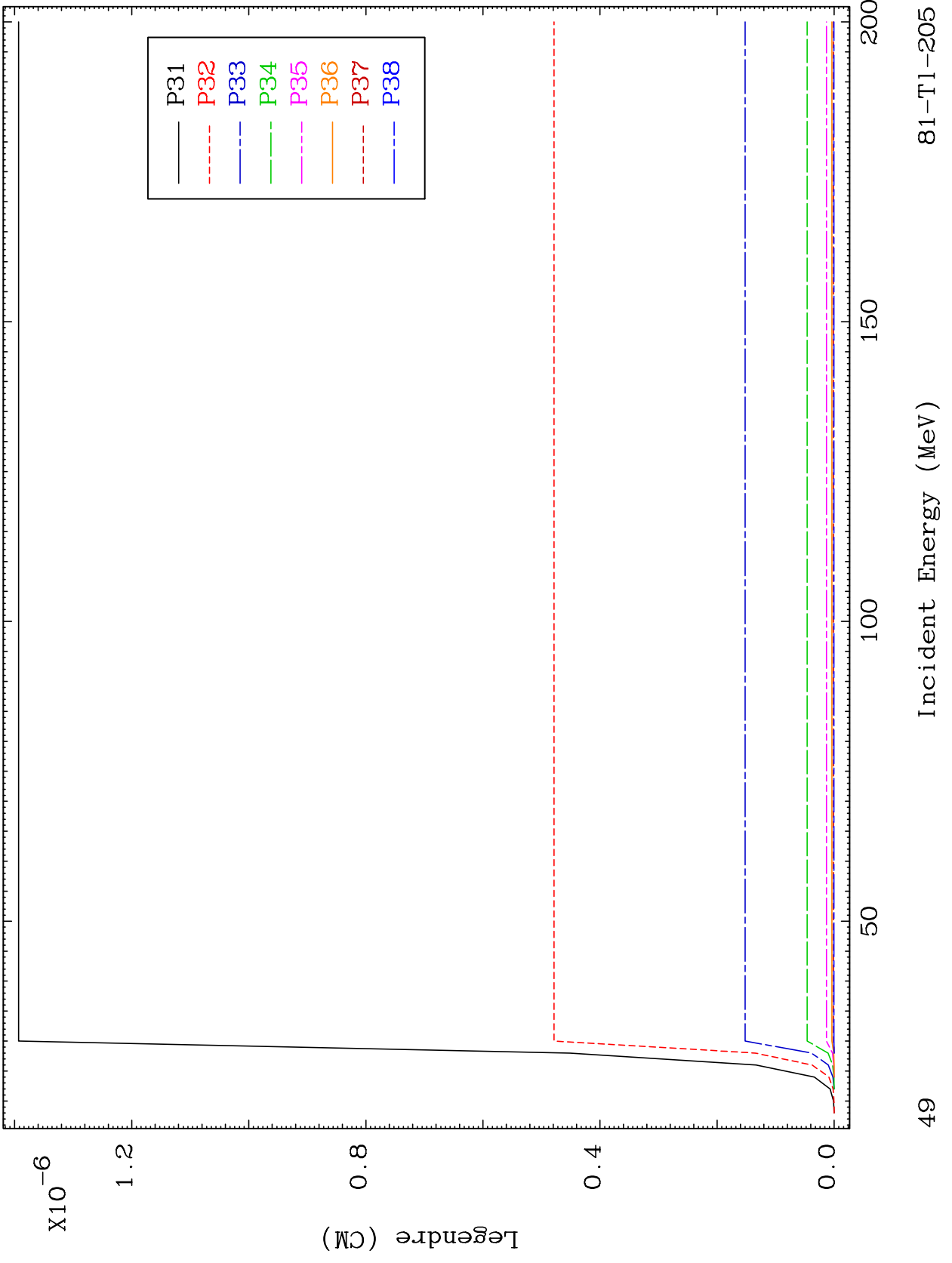
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



49

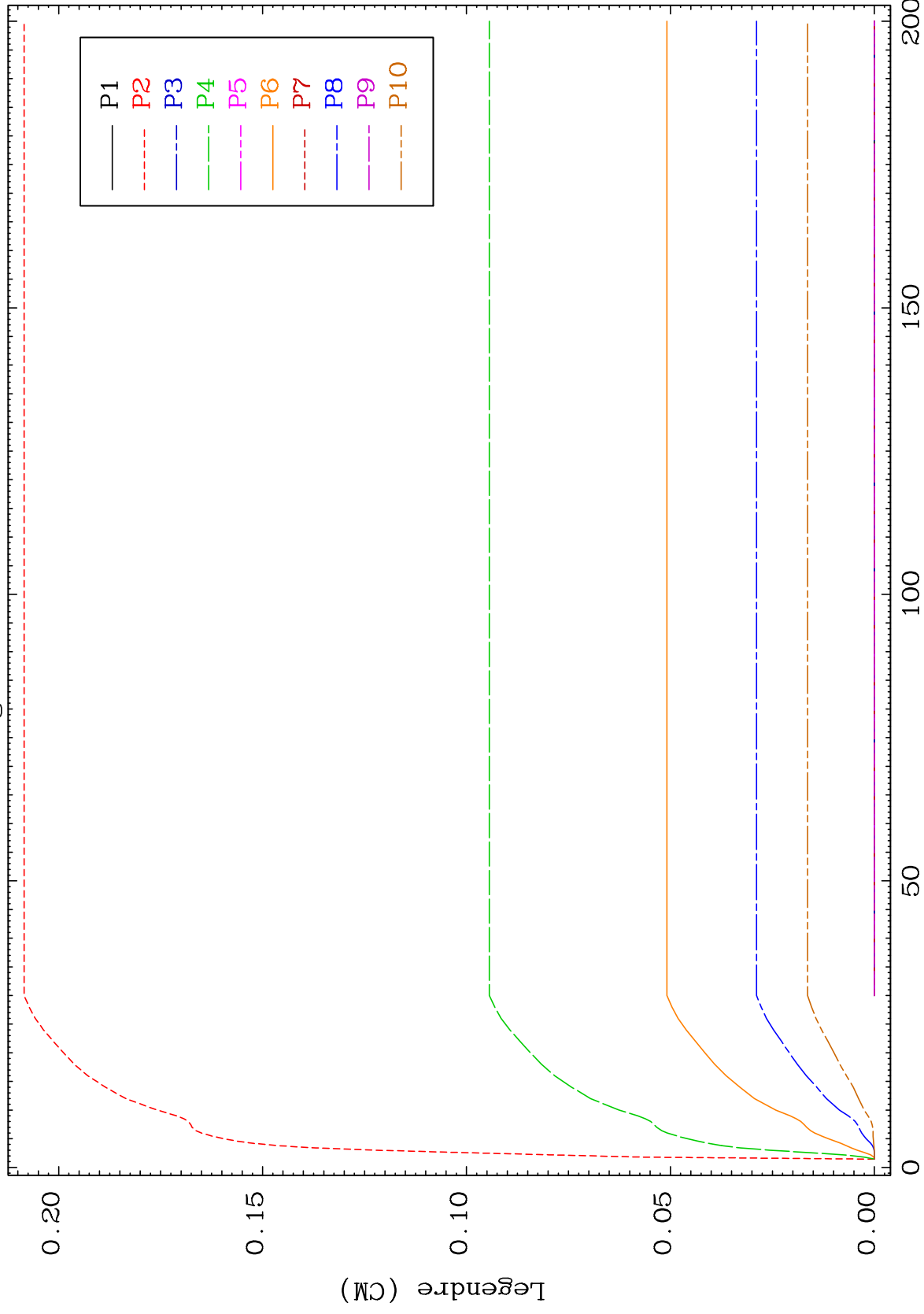
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



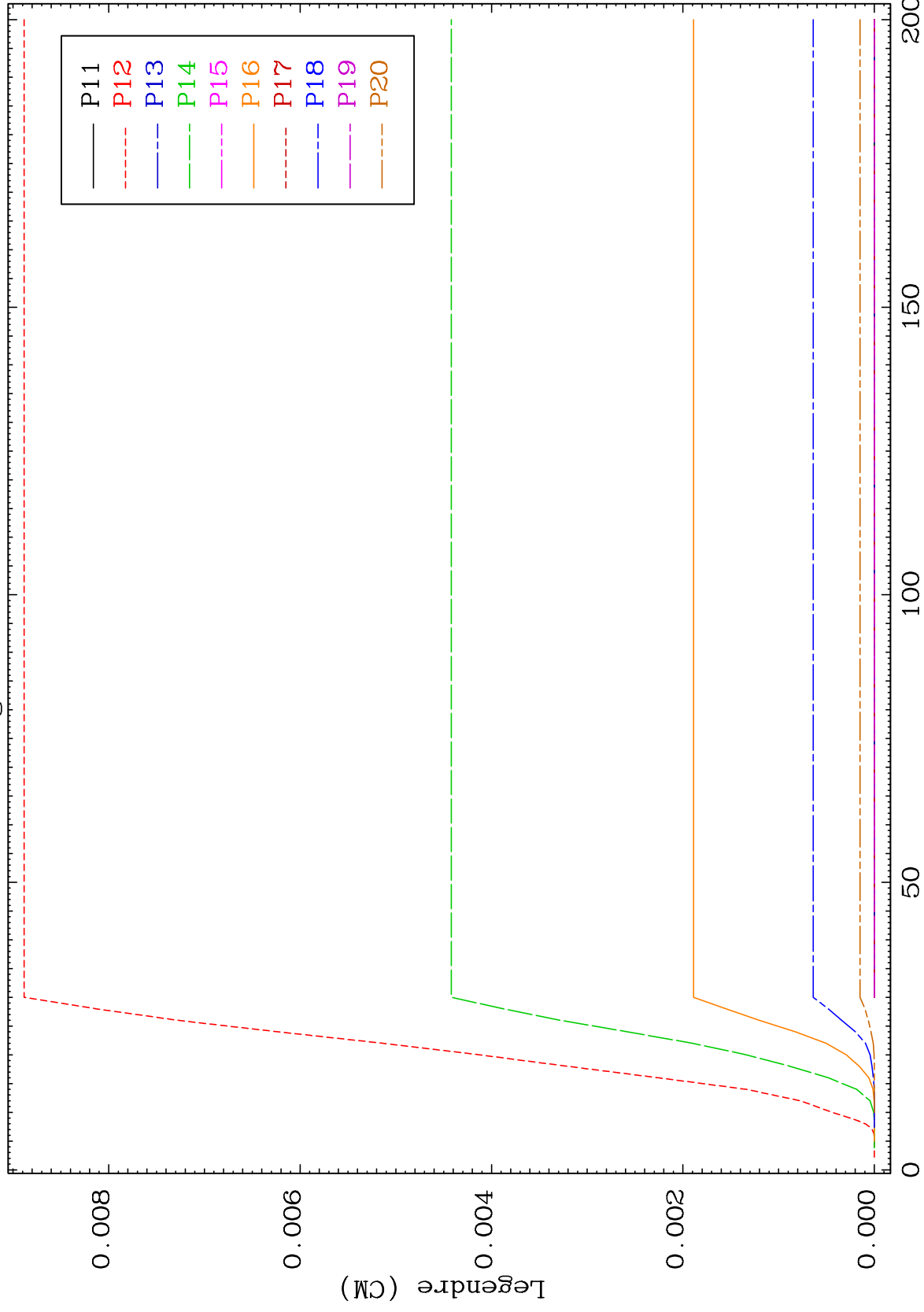
Incident Energy (MeV)

81-T1-205

MAT 8131

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

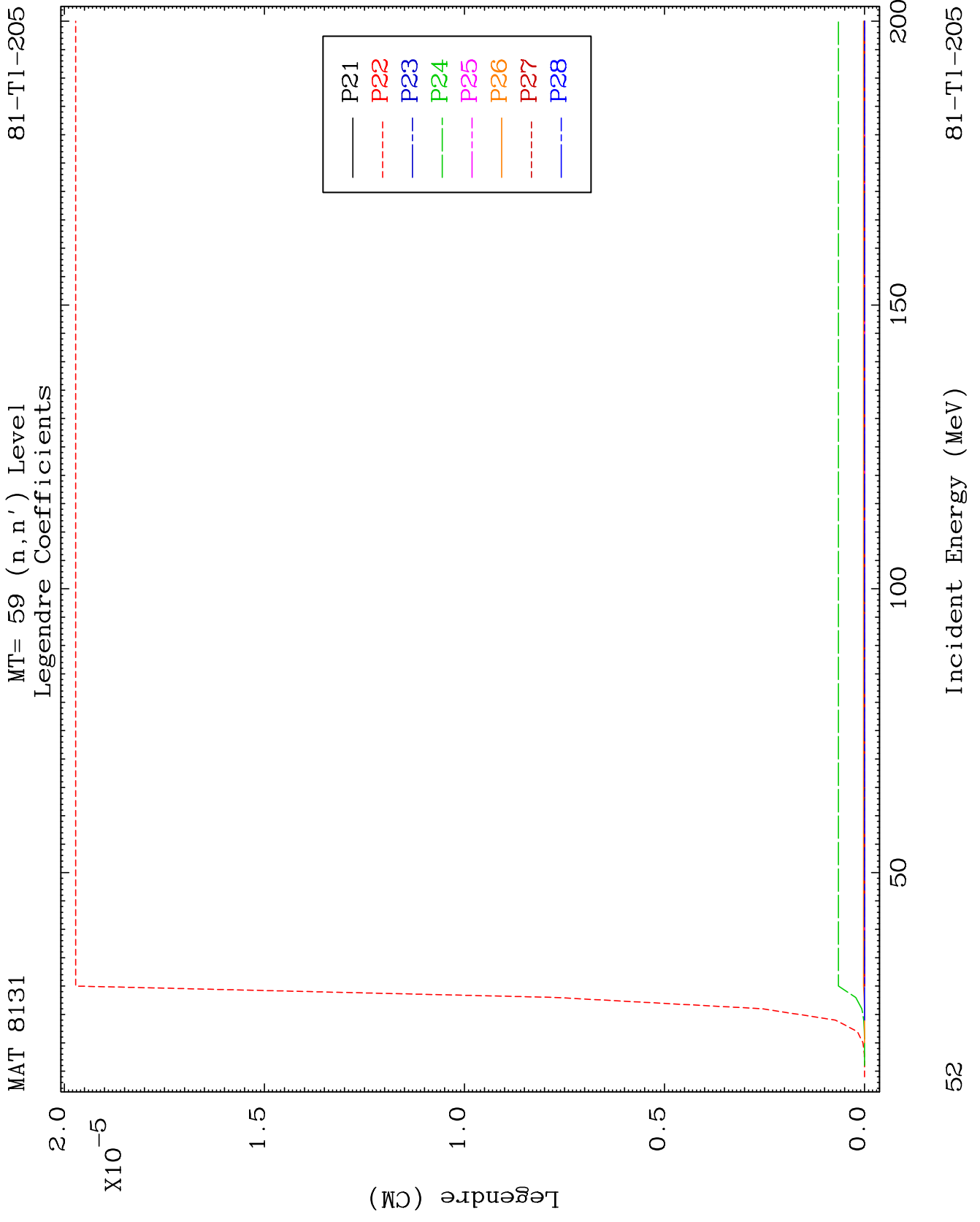
81-T1-205



51

Incident Energy (MeV)

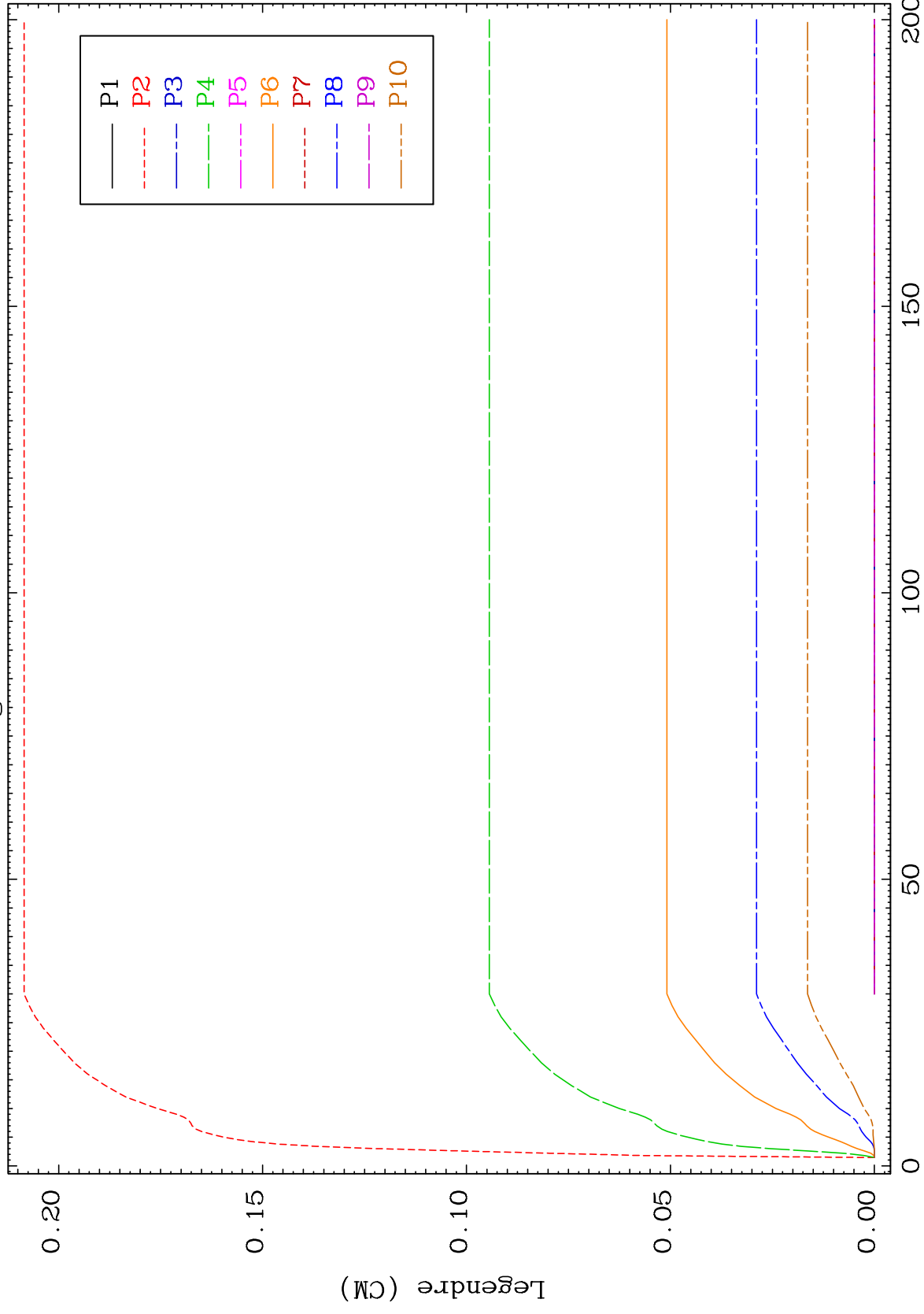
81-T1-205



MAT 8131

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

81-T1-205



53

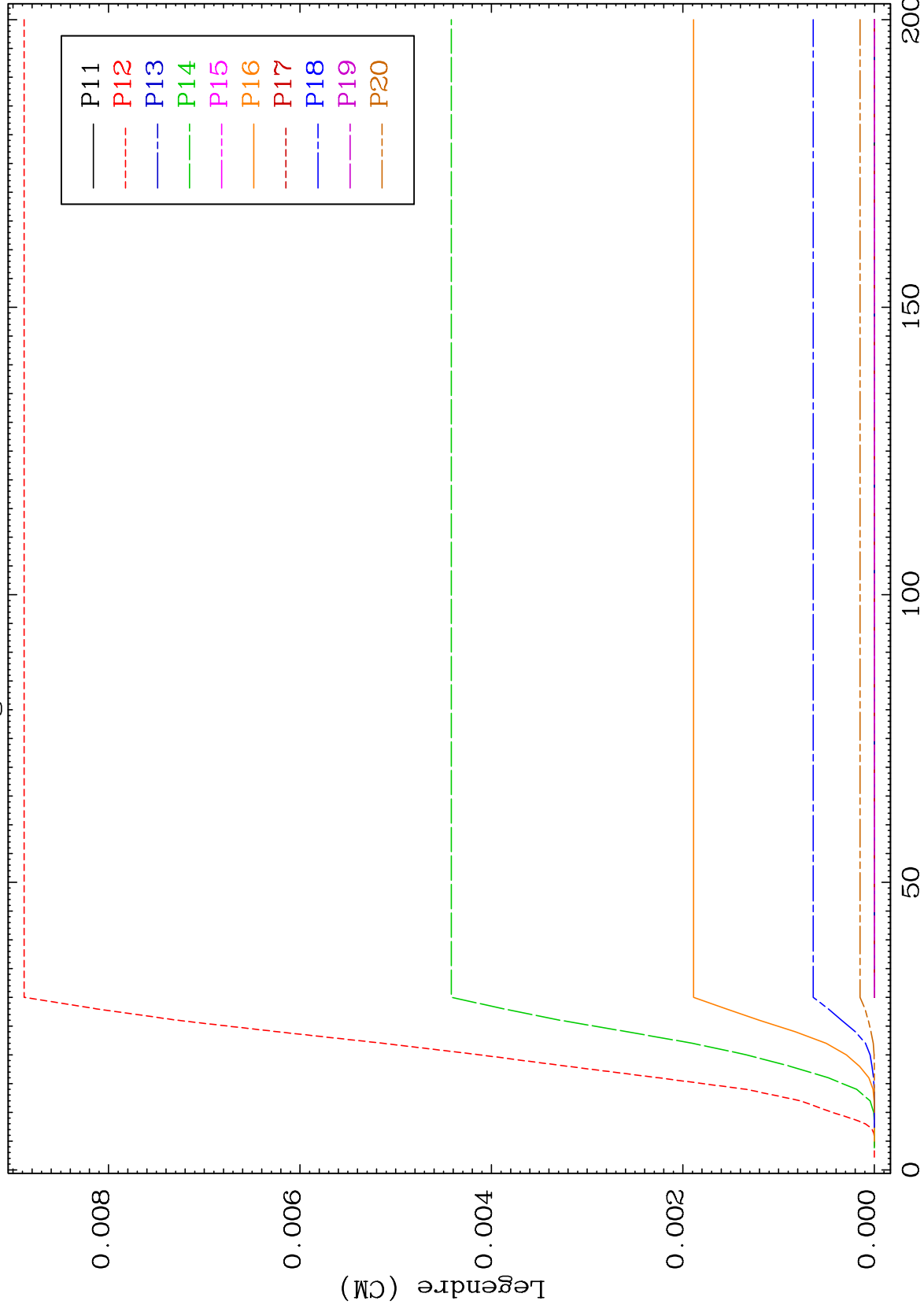
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



54

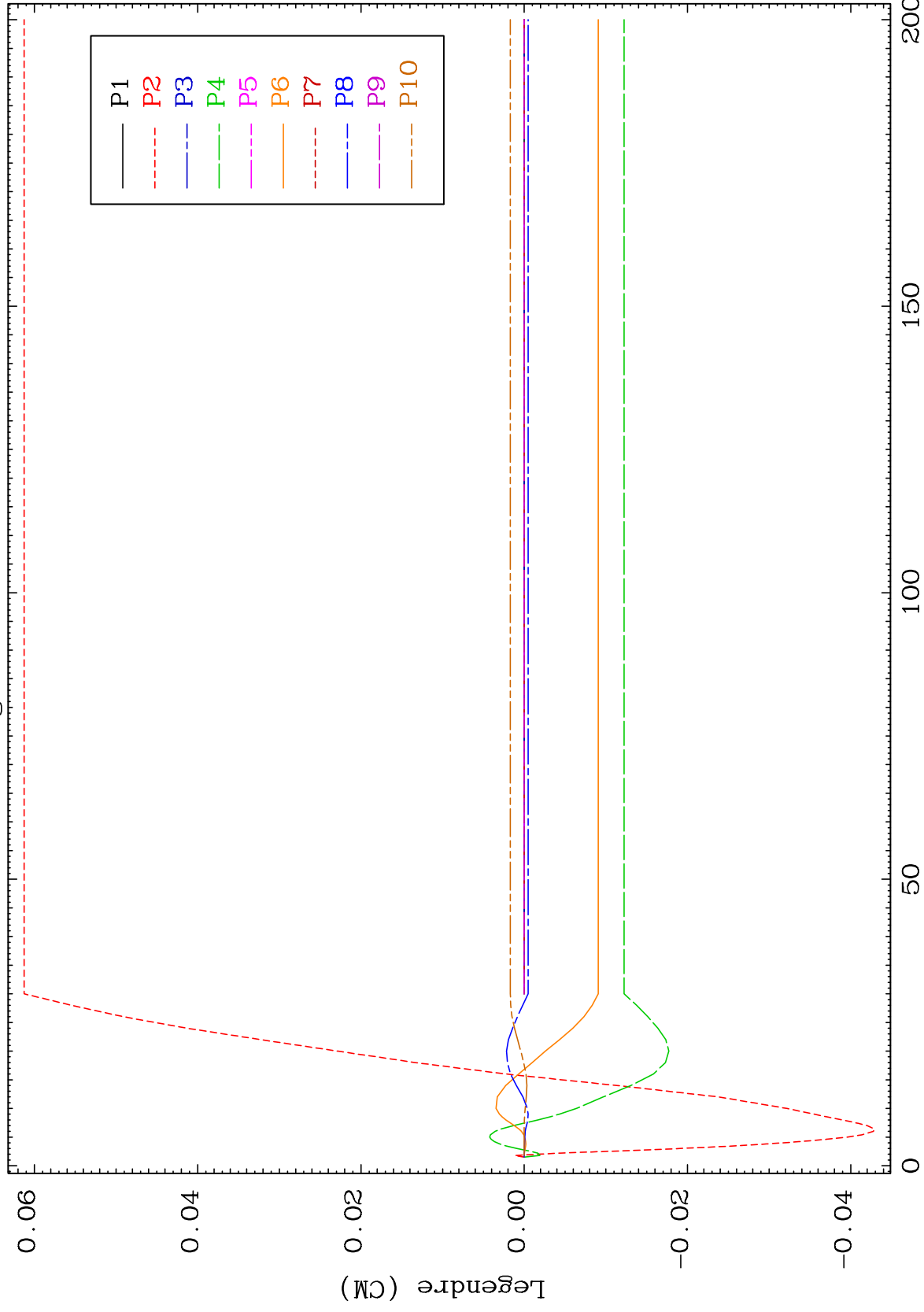
Incident Energy (MeV)

81-T1-205

MAT 8131

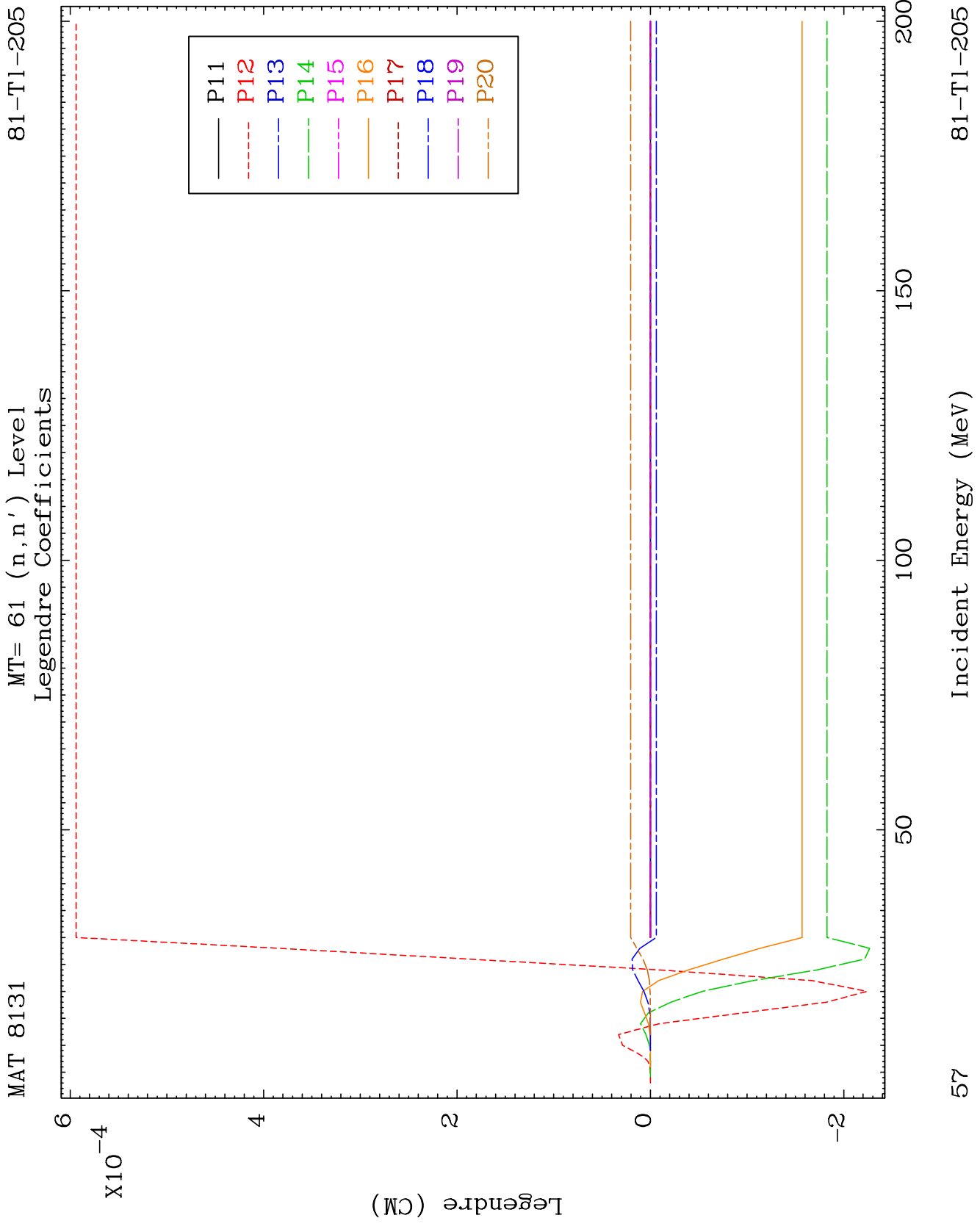
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Legendre Coefficients

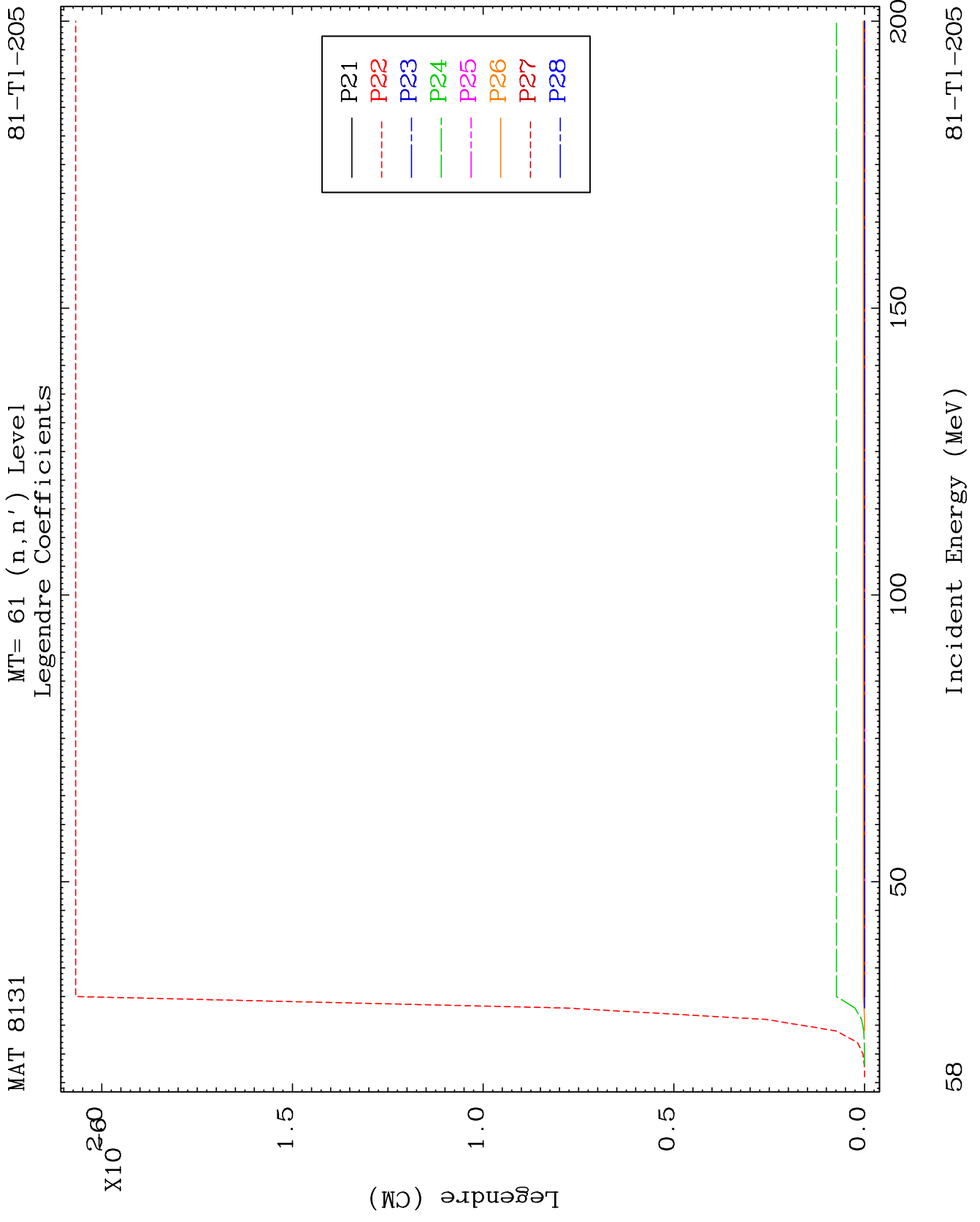
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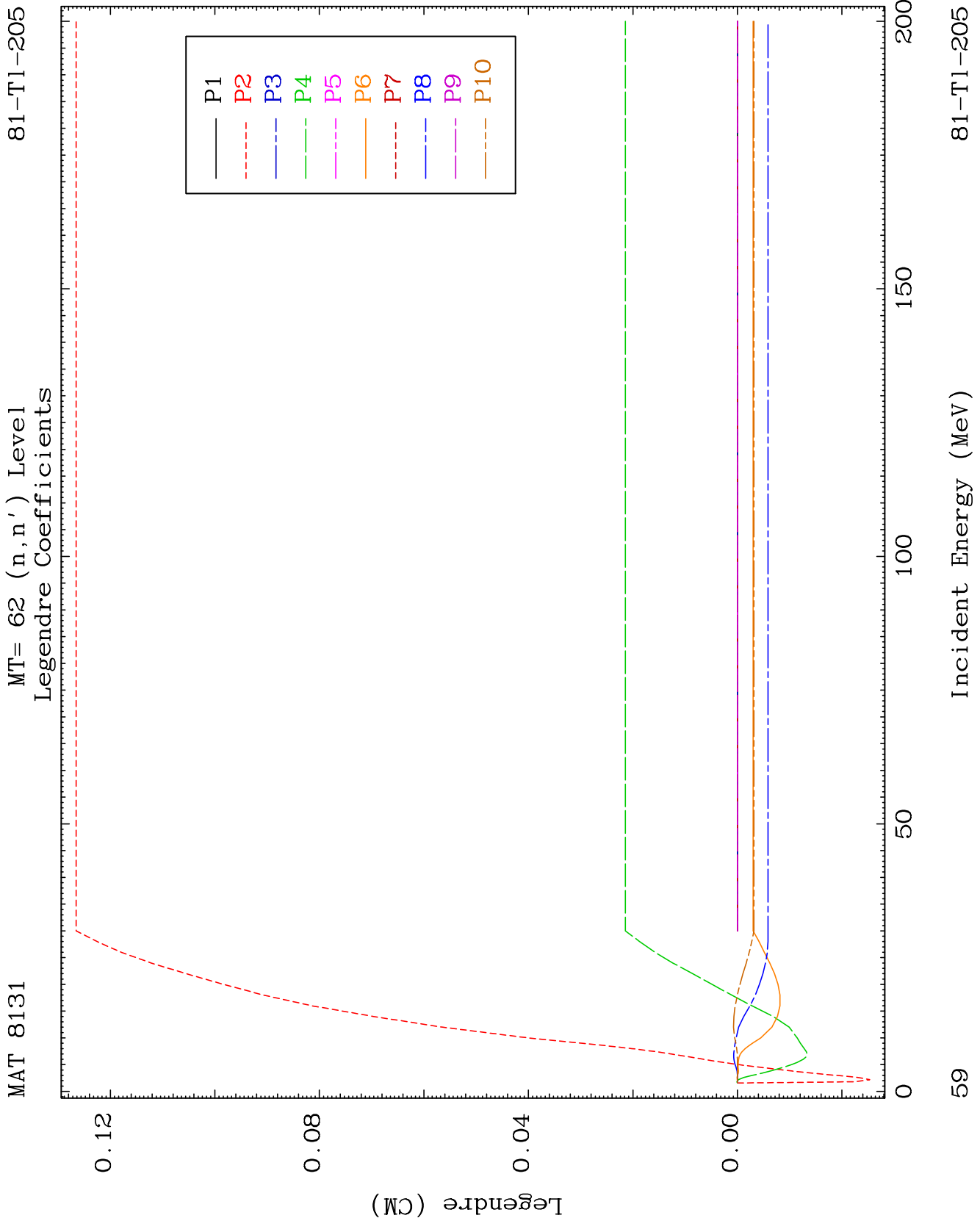


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81-T1-205



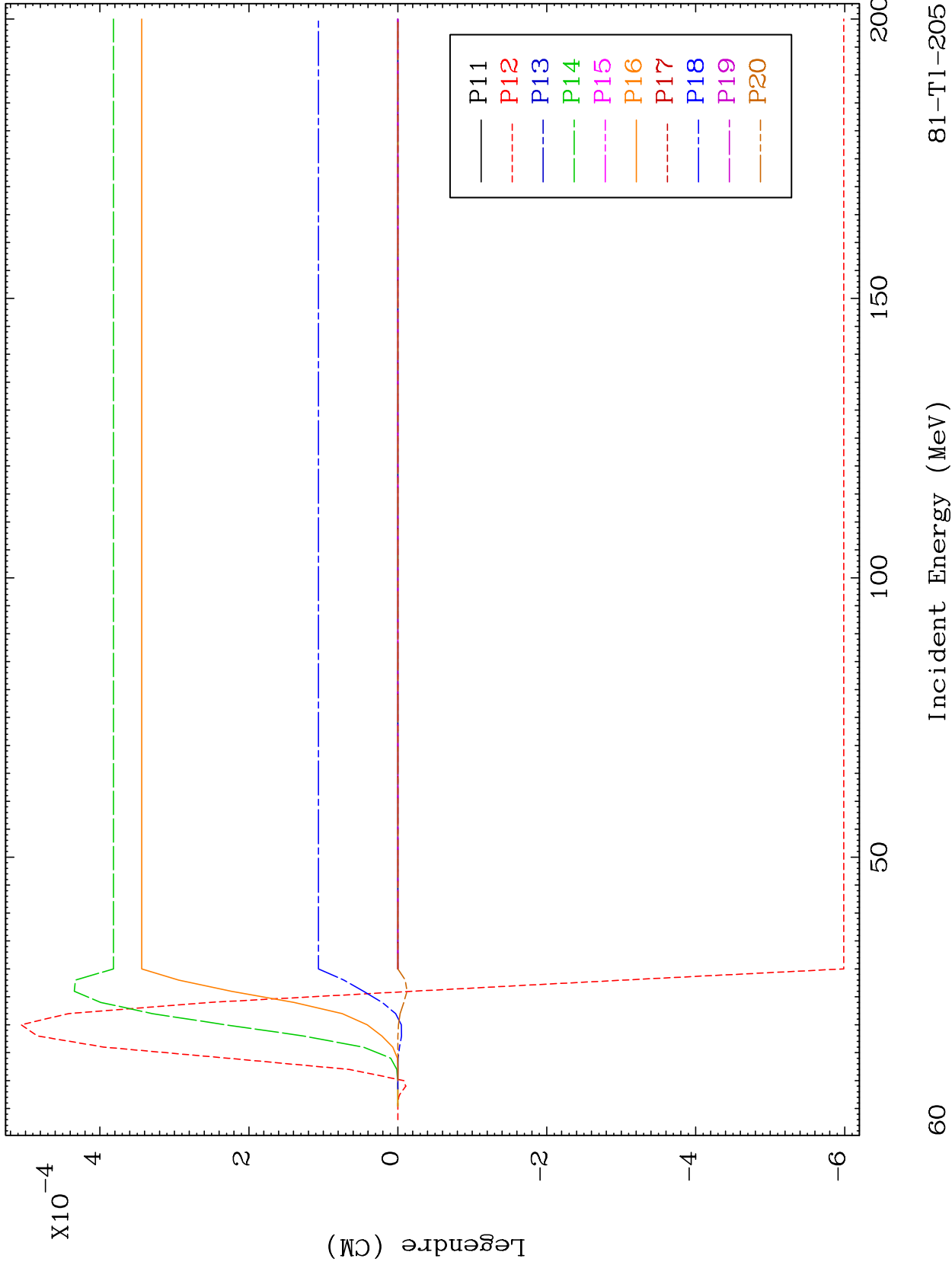


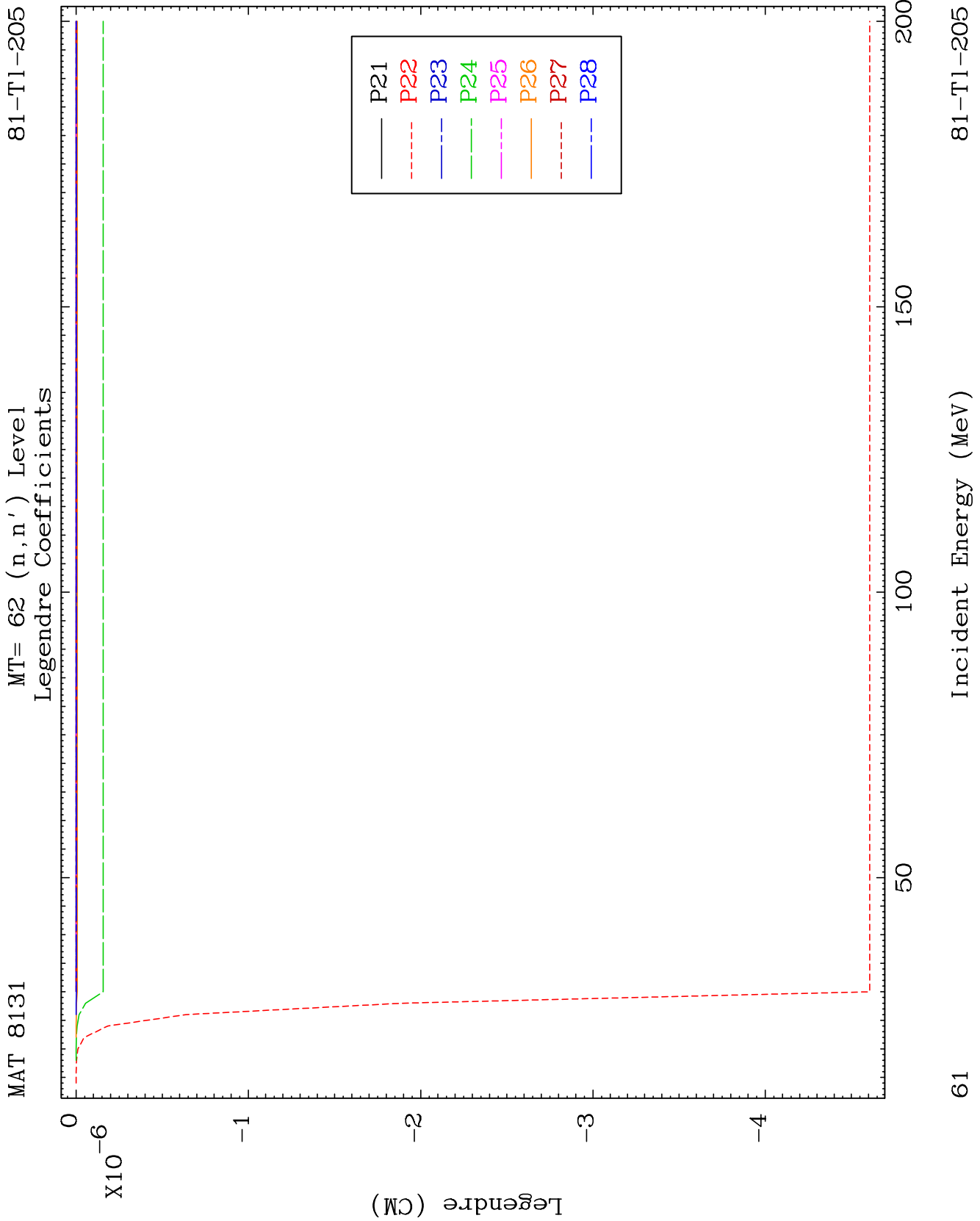


MAT 8131

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

81-T1-205

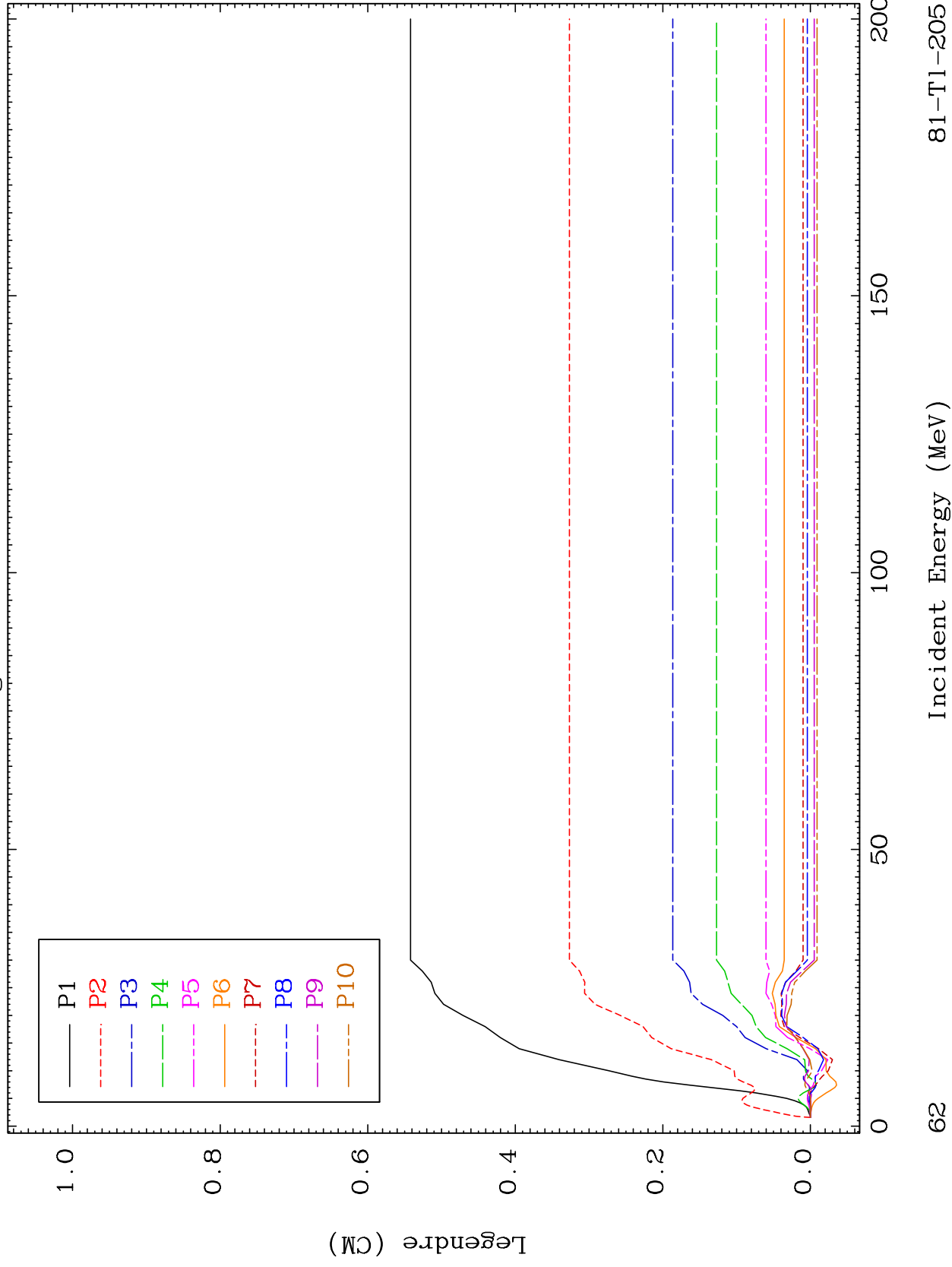




MAT 8131

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

81-T1-205



81-T1-205

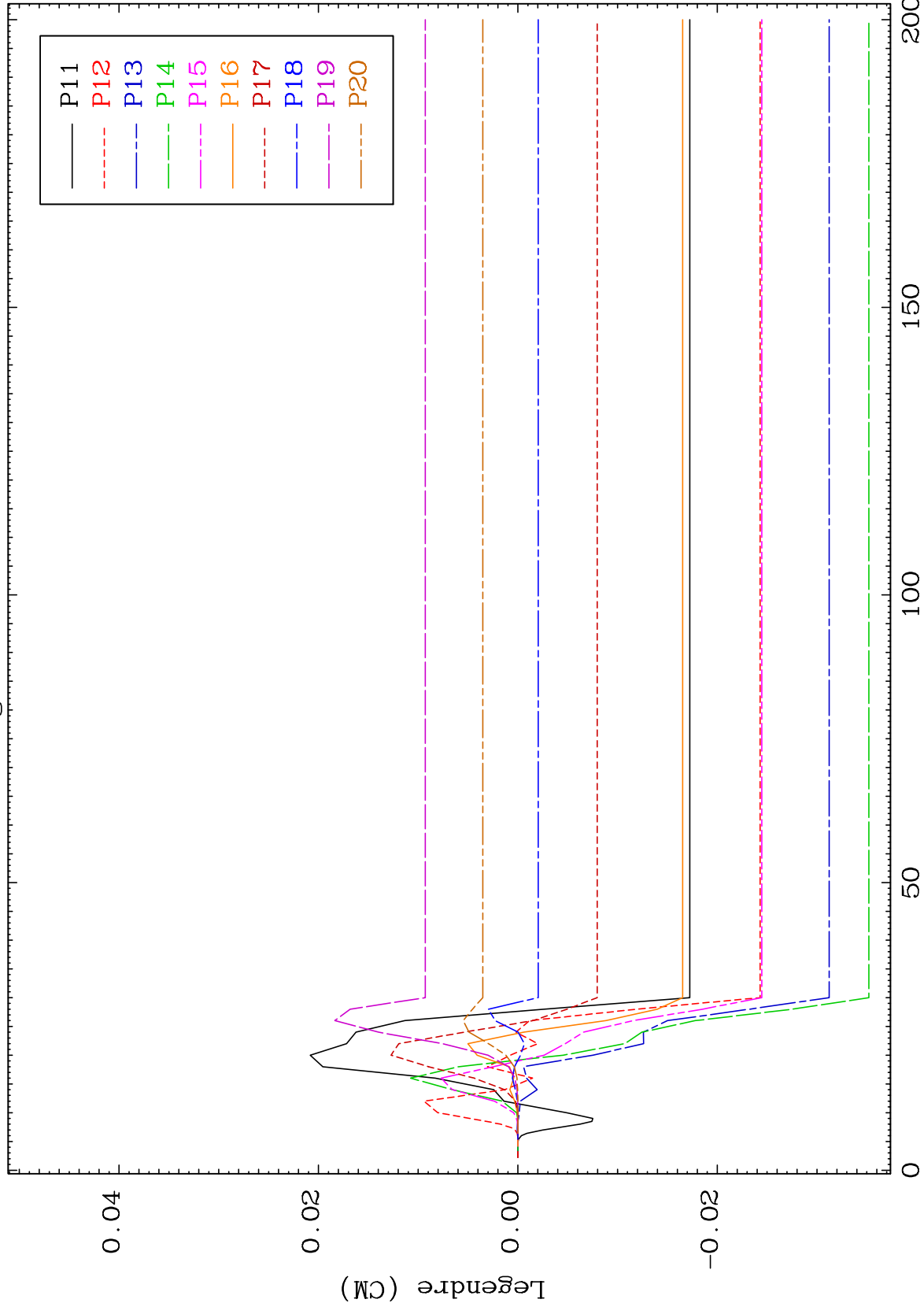
Incident Energy (MeV)

62

MAT 8131

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

81-T1-205



63

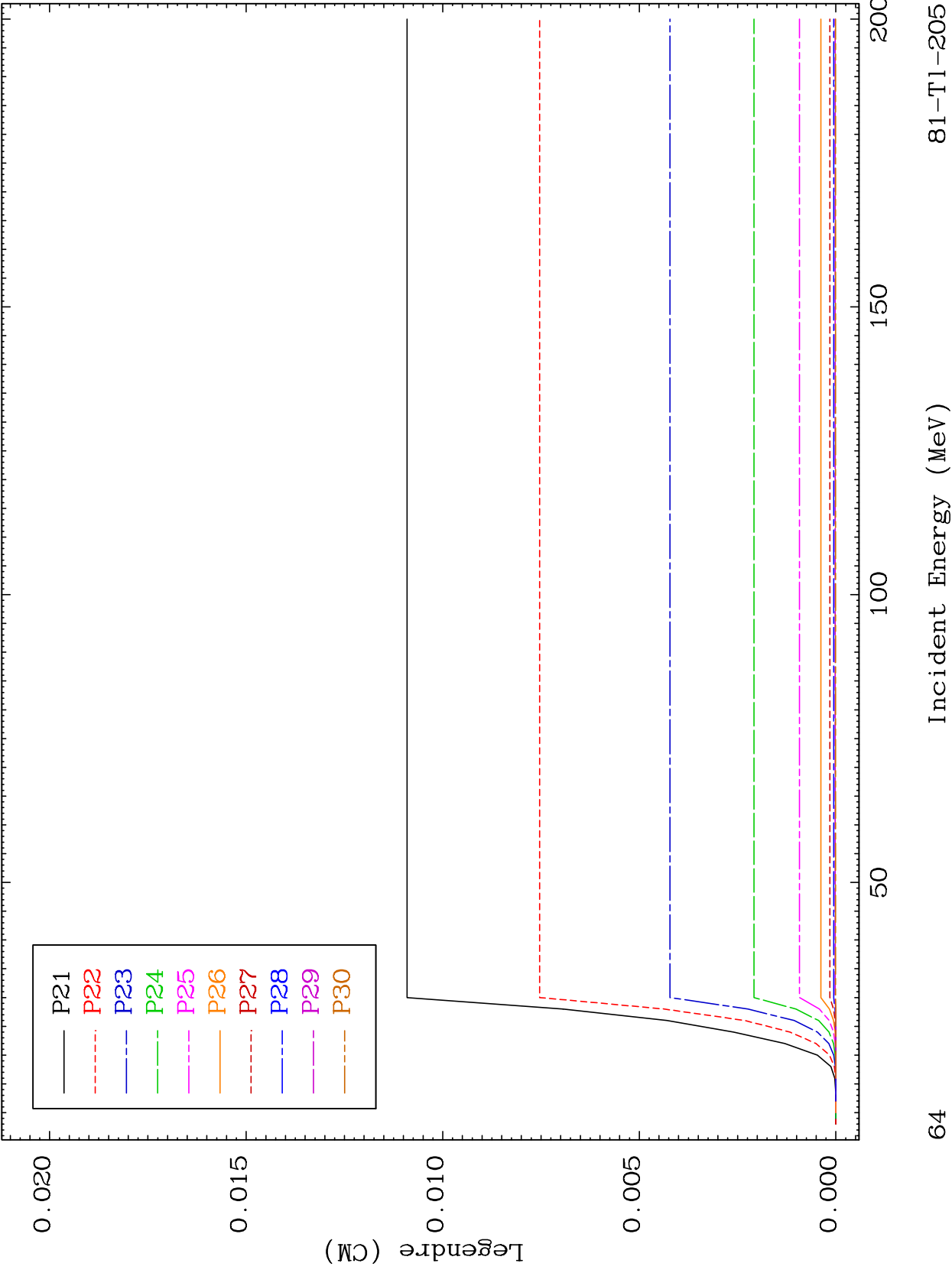
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-Tl-205



64

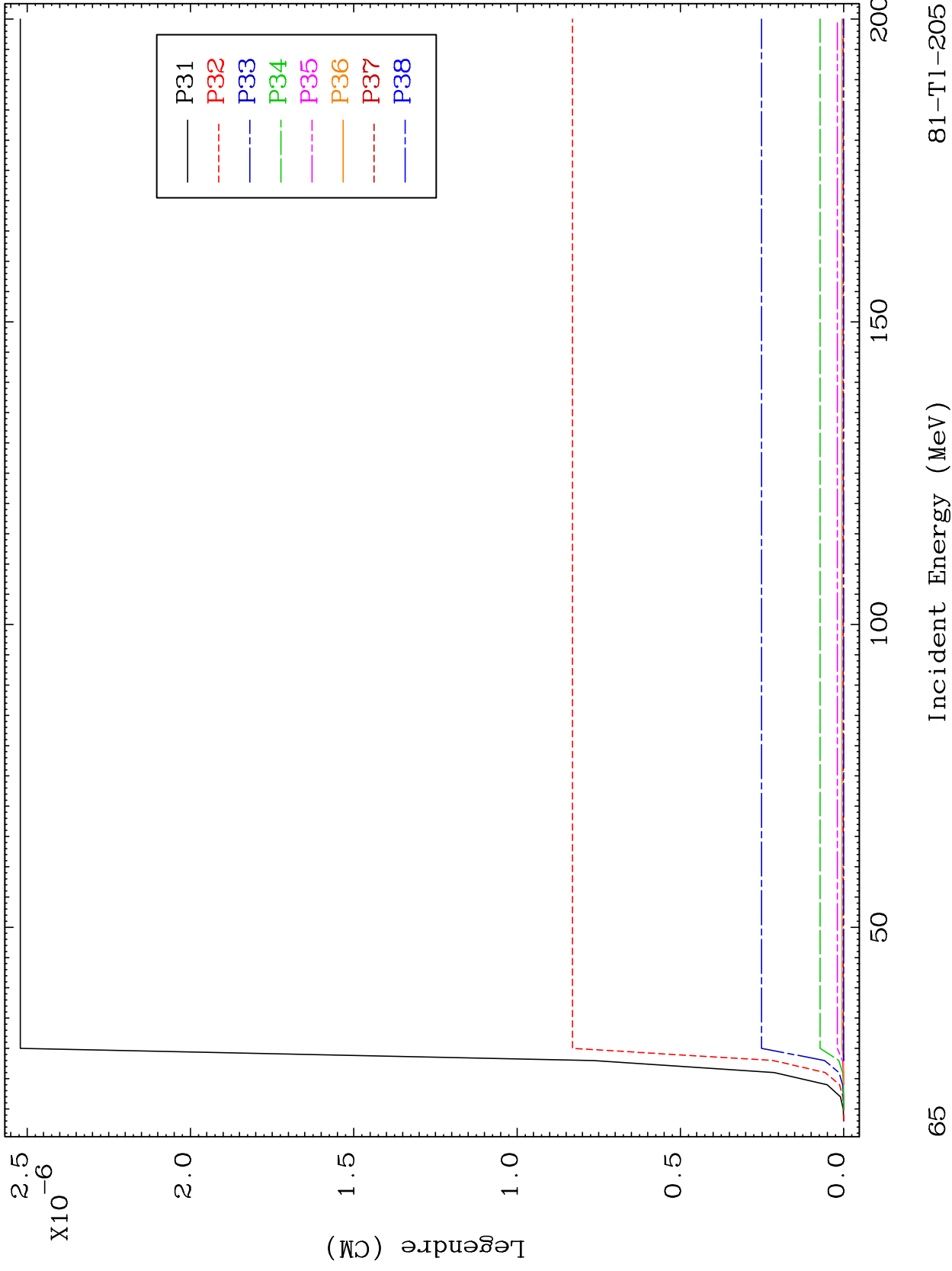
Incident Energy (MeV)

81-Tl-205

MAT 8131

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

81-T1-205



65

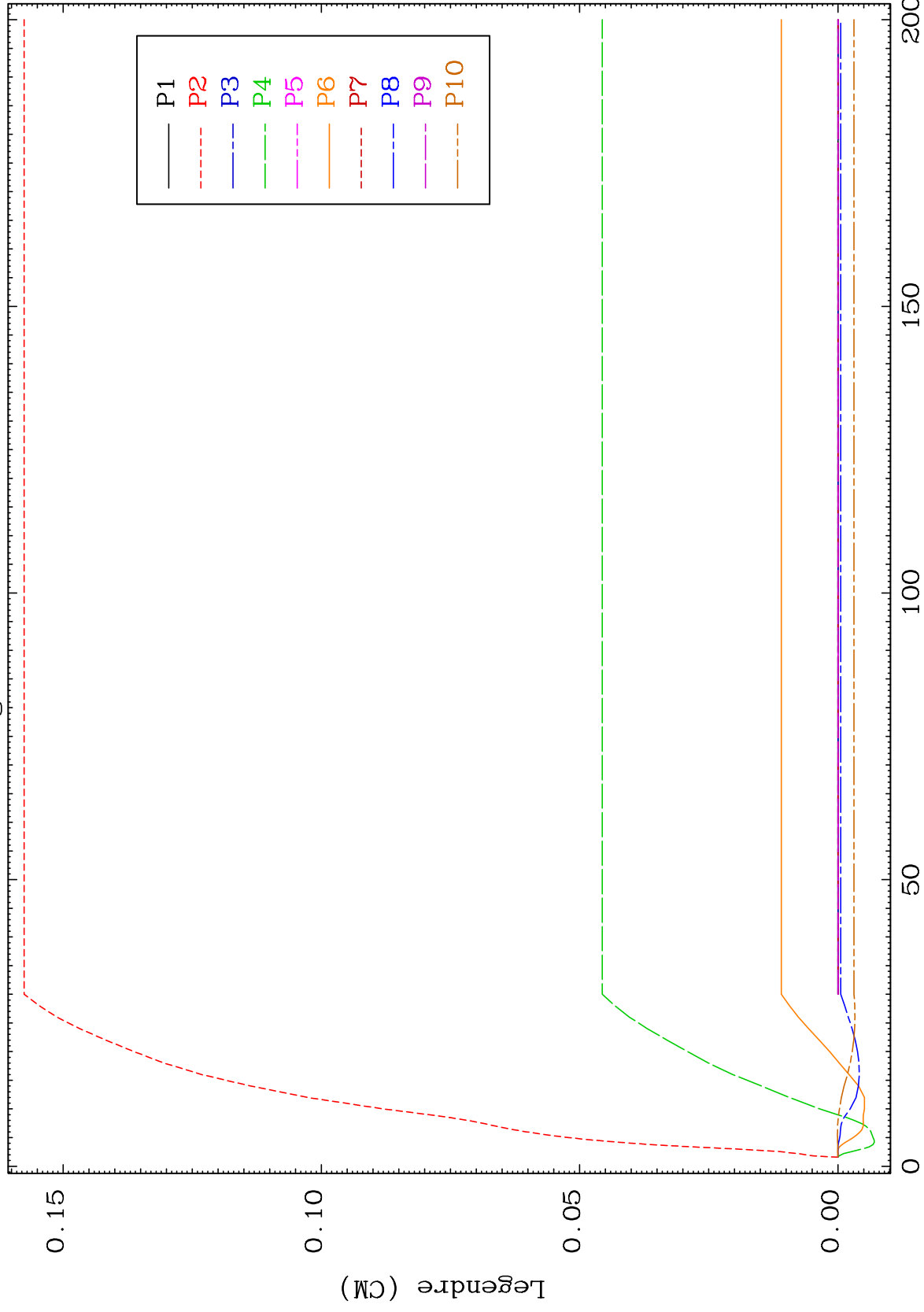
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



81-T1-205

Incident Energy (MeV)

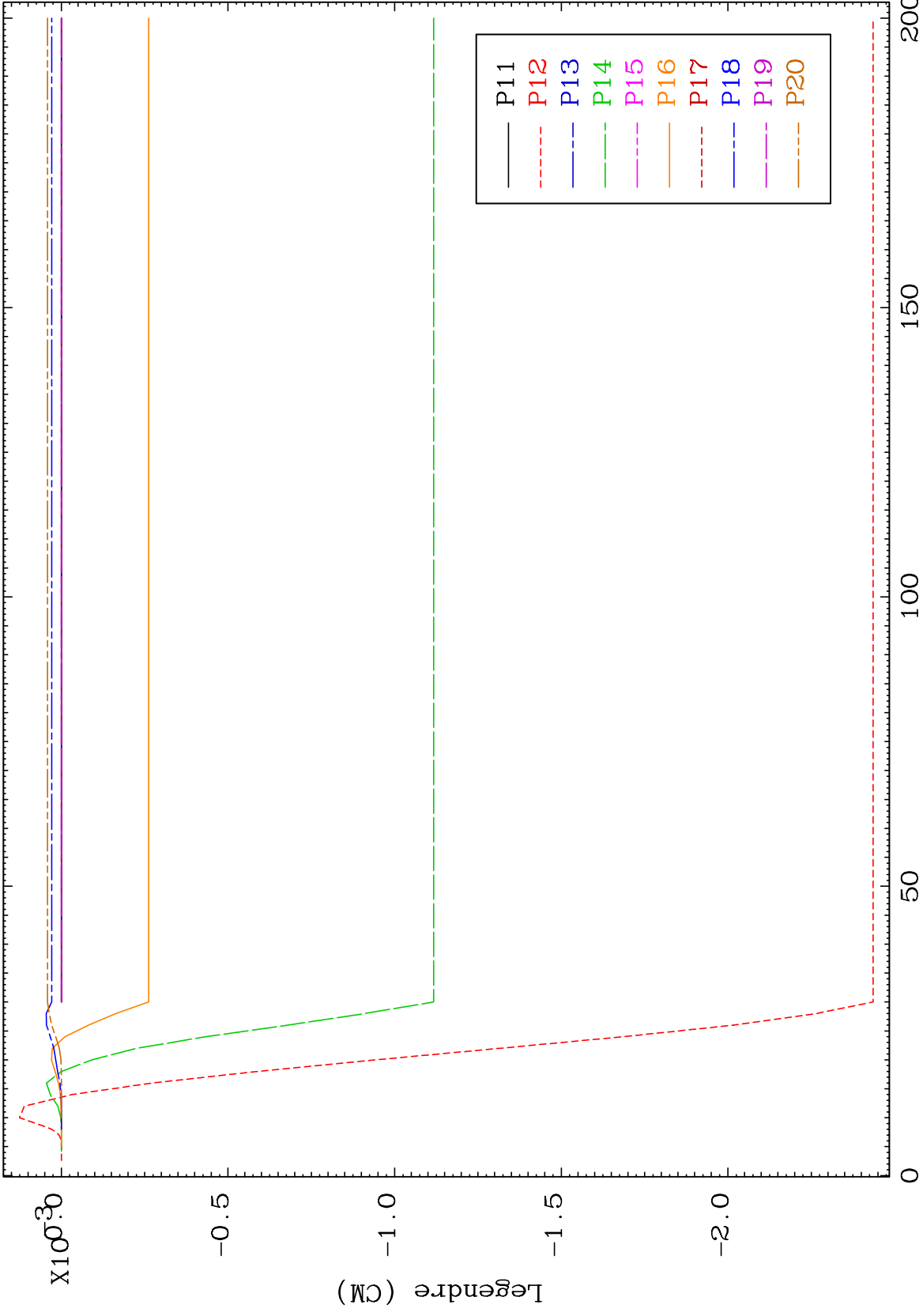
66

MAT 8131

MT= 64 (n,n') Level

81-T1-205

Legendre Coefficients



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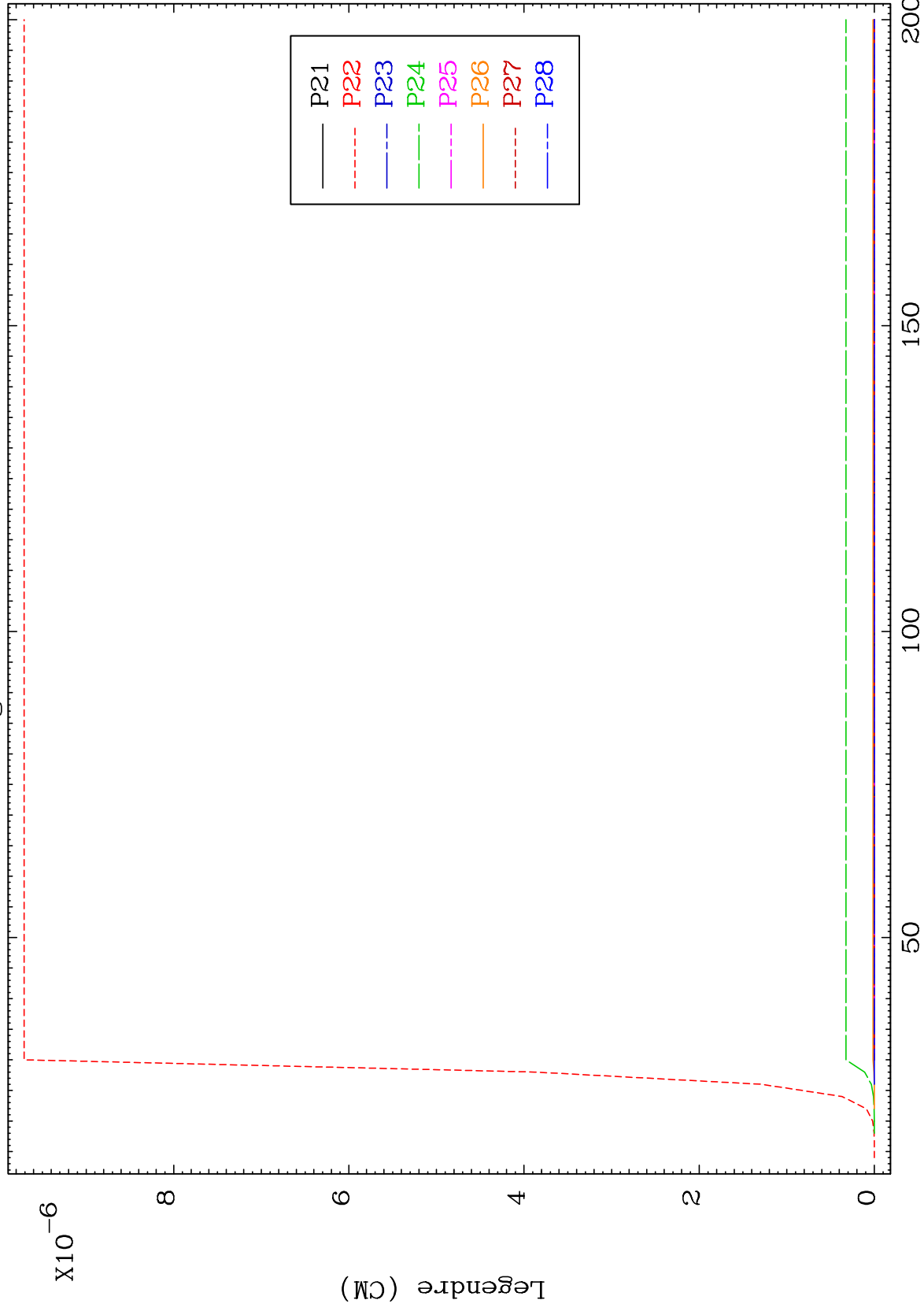
Incident Energy (MeV)

81-T1-205

MAT 8131

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

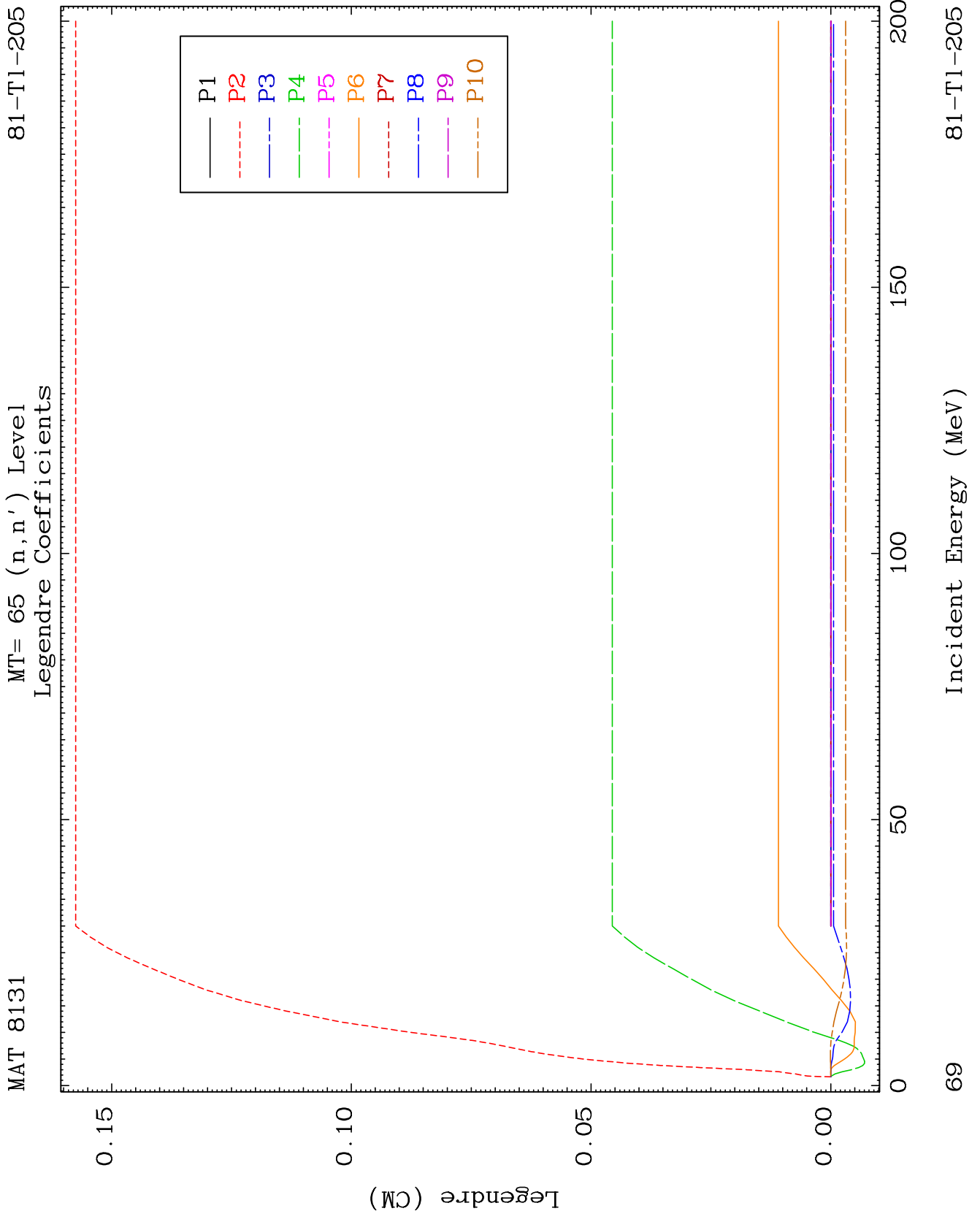
81-T1-205



68

Incident Energy (MeV)

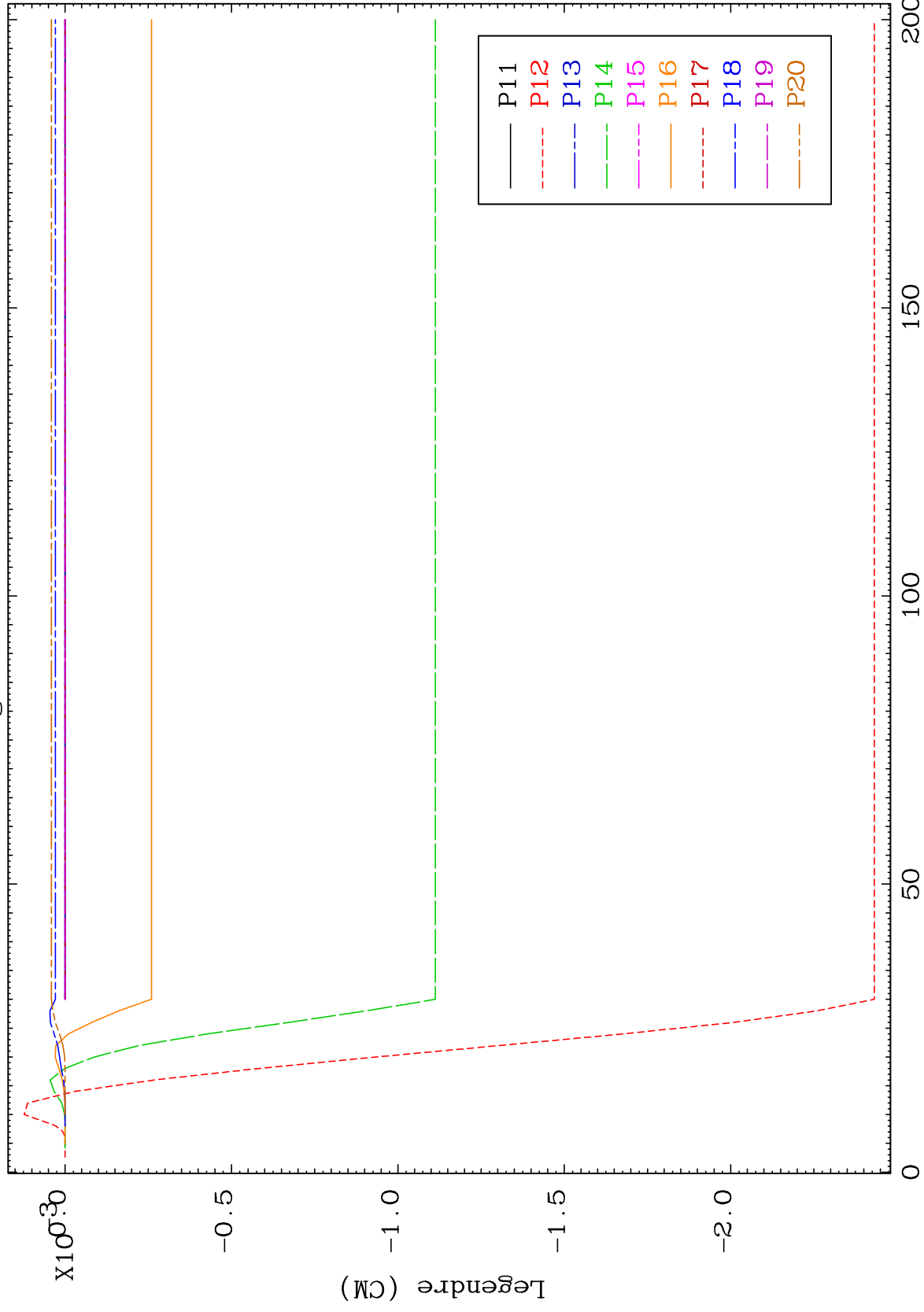
81-T1-205



MAT 8131

81-T1-205

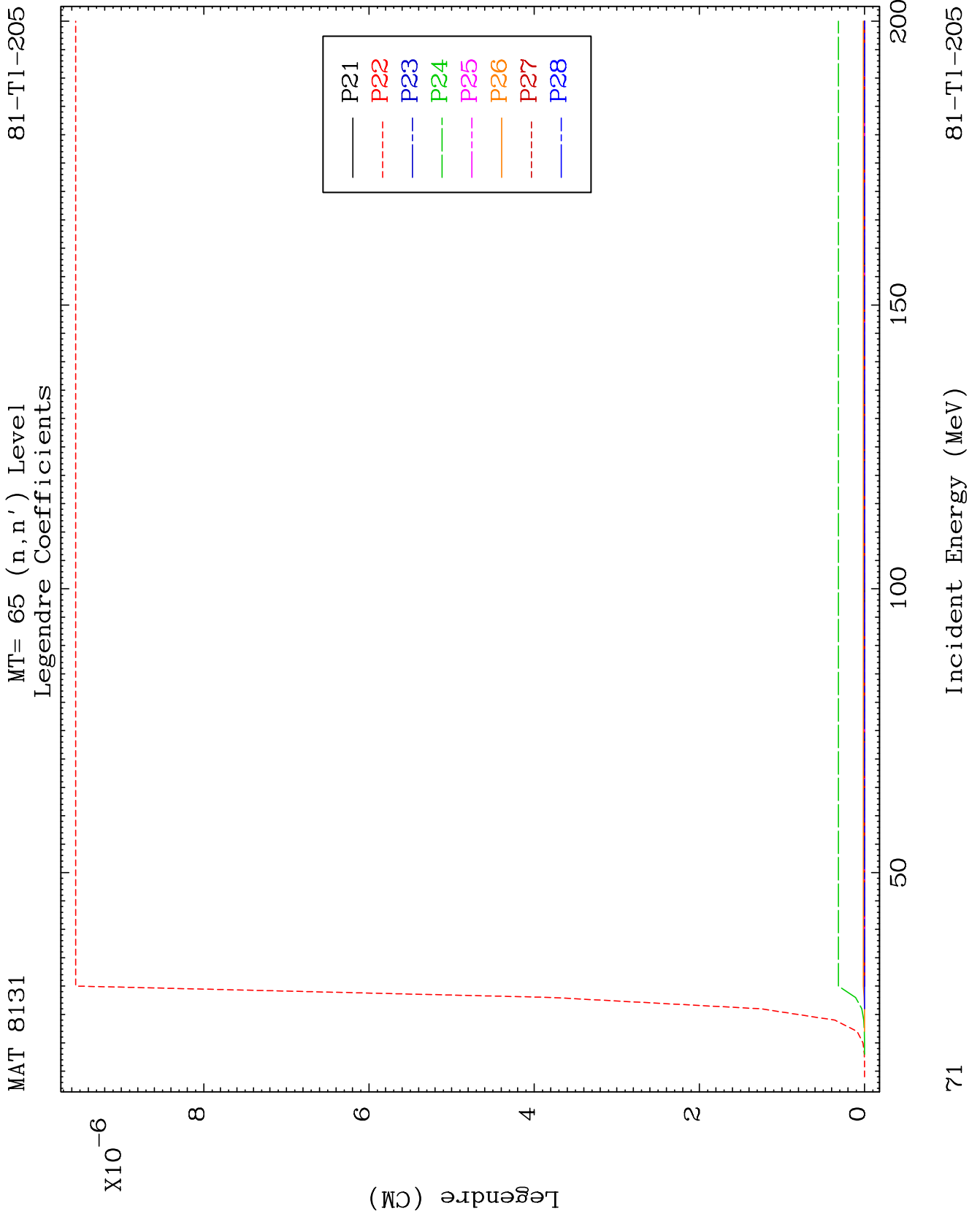
MT= 65 (n,n') Level
Legendre Coefficients



81-T1-205

Incident Energy (MeV)

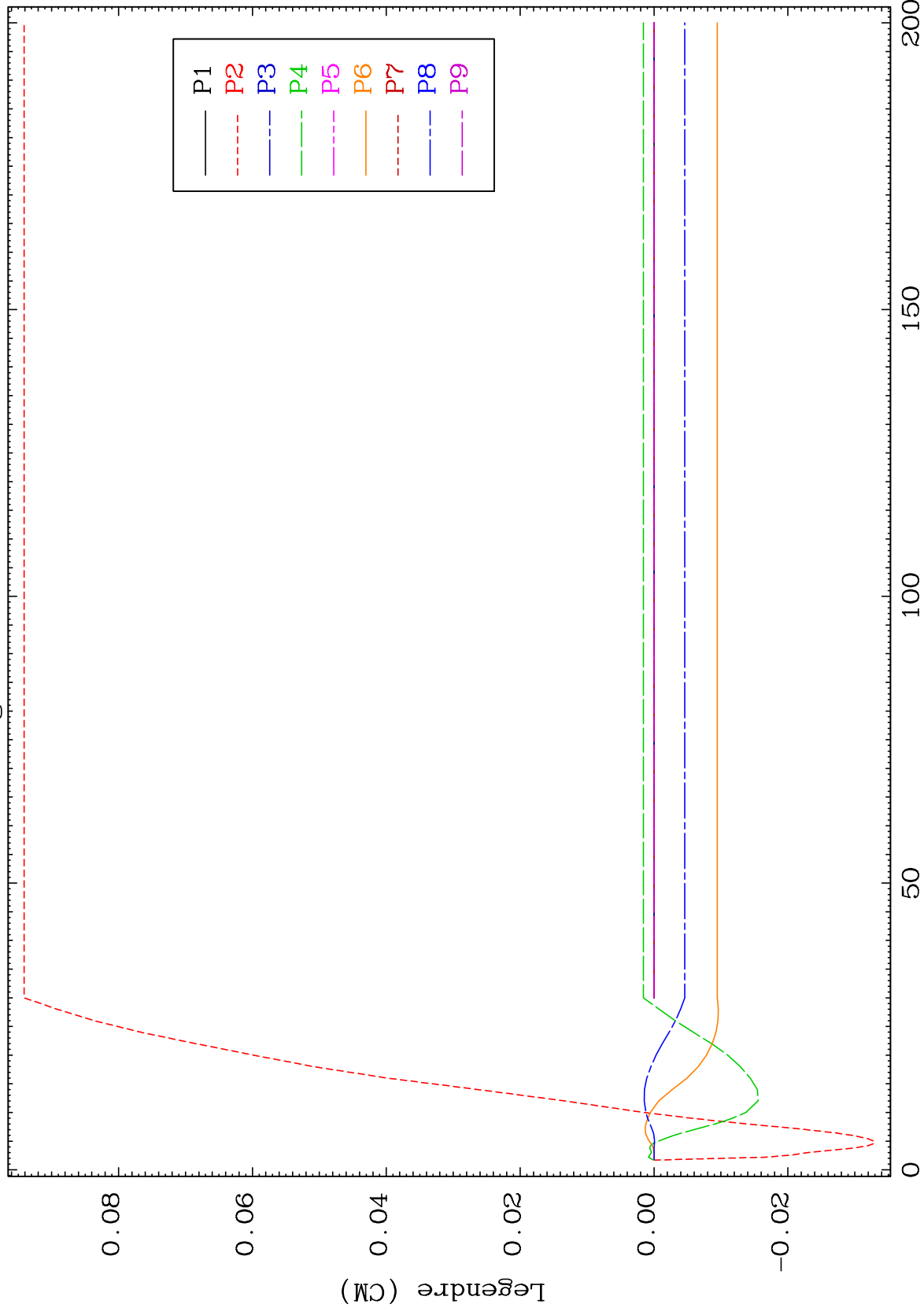
70



MAT 8131

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

81-T1-205



72

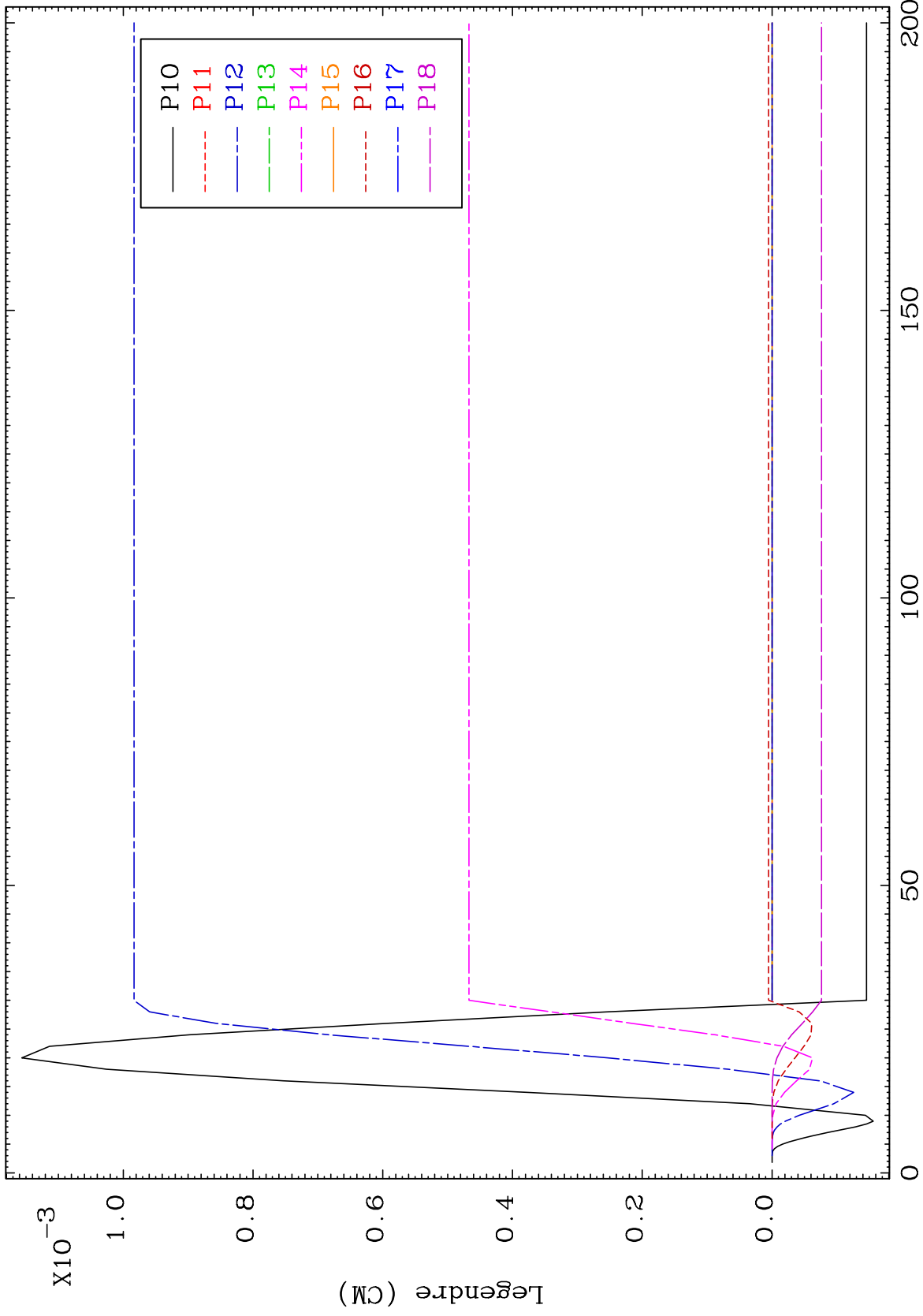
Incident Energy (MeV)

81-T1-205

MAT 8131

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

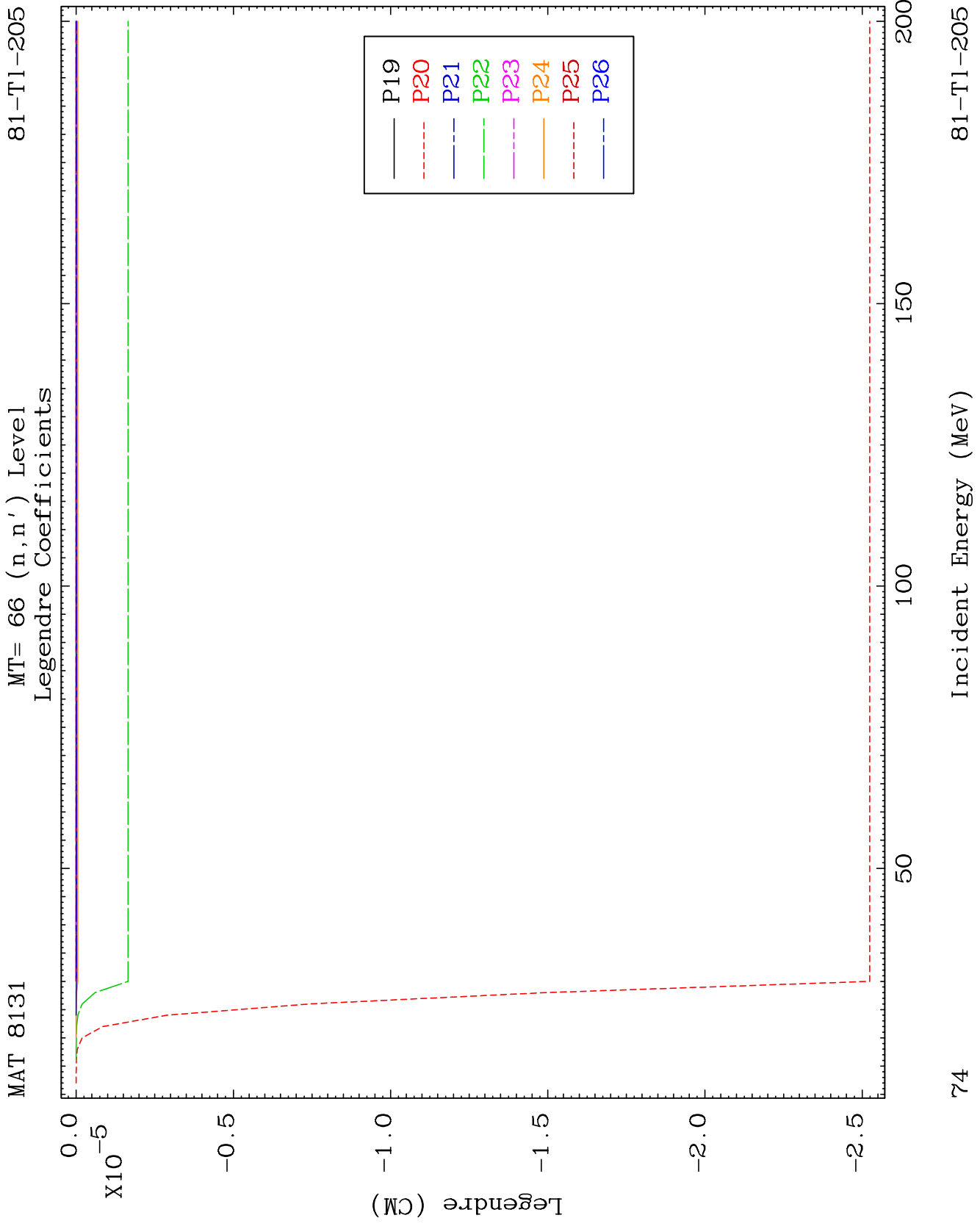
81-T1-205



73

Incident Energy (MeV)

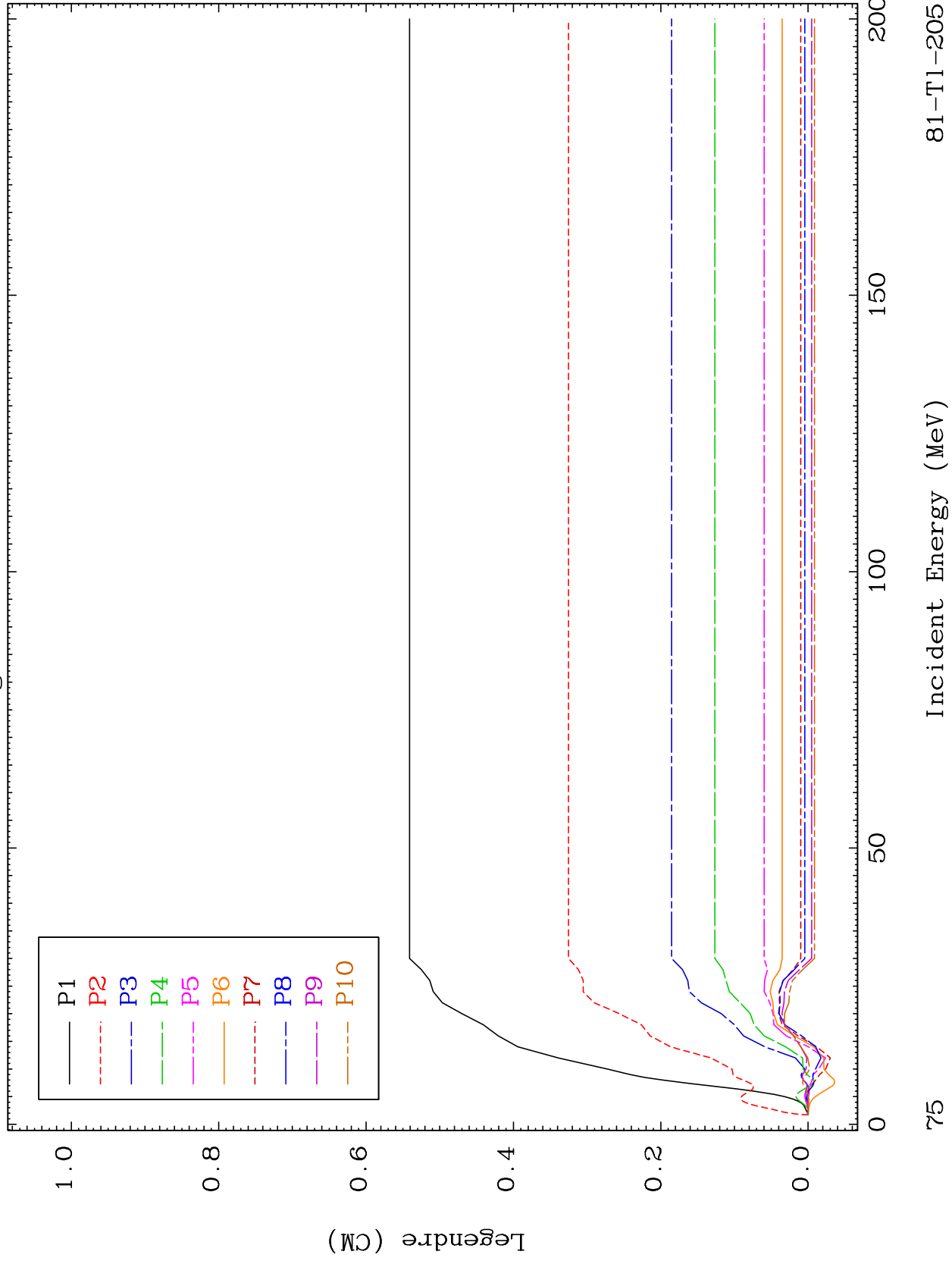
81-T1-205



MAT 8131

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

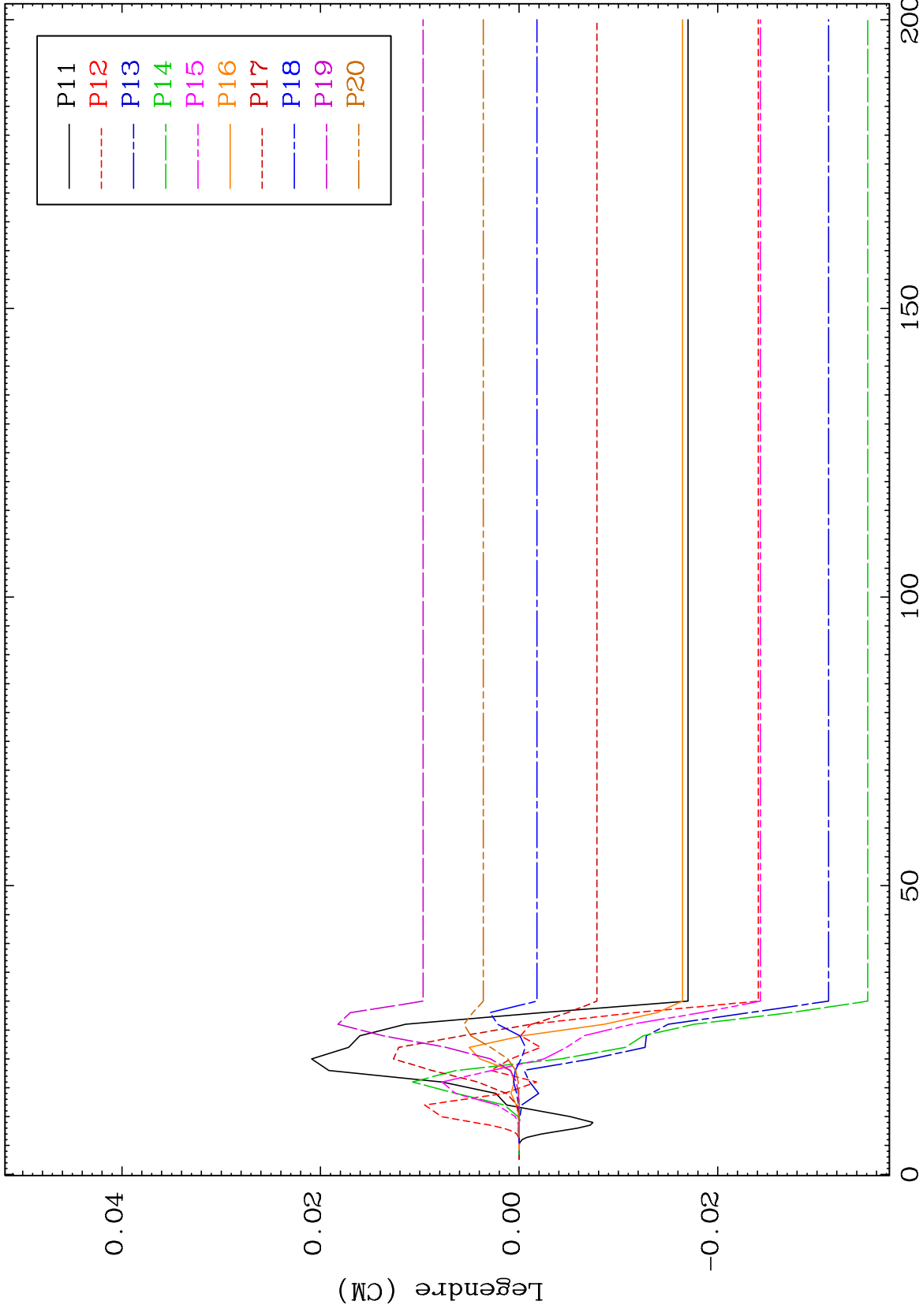
81-T1-205



MAT 8131

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

81-T1-205



76

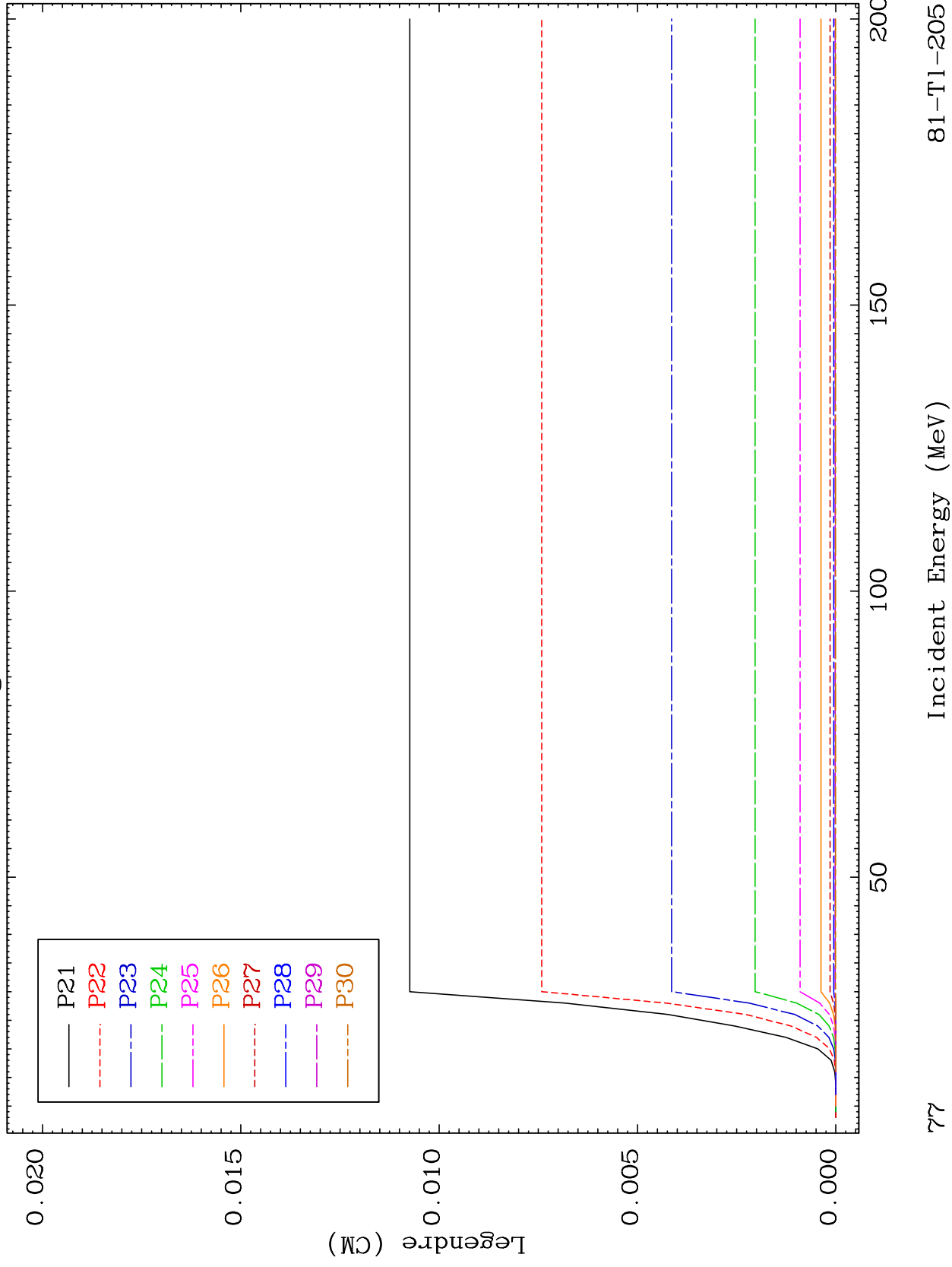
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



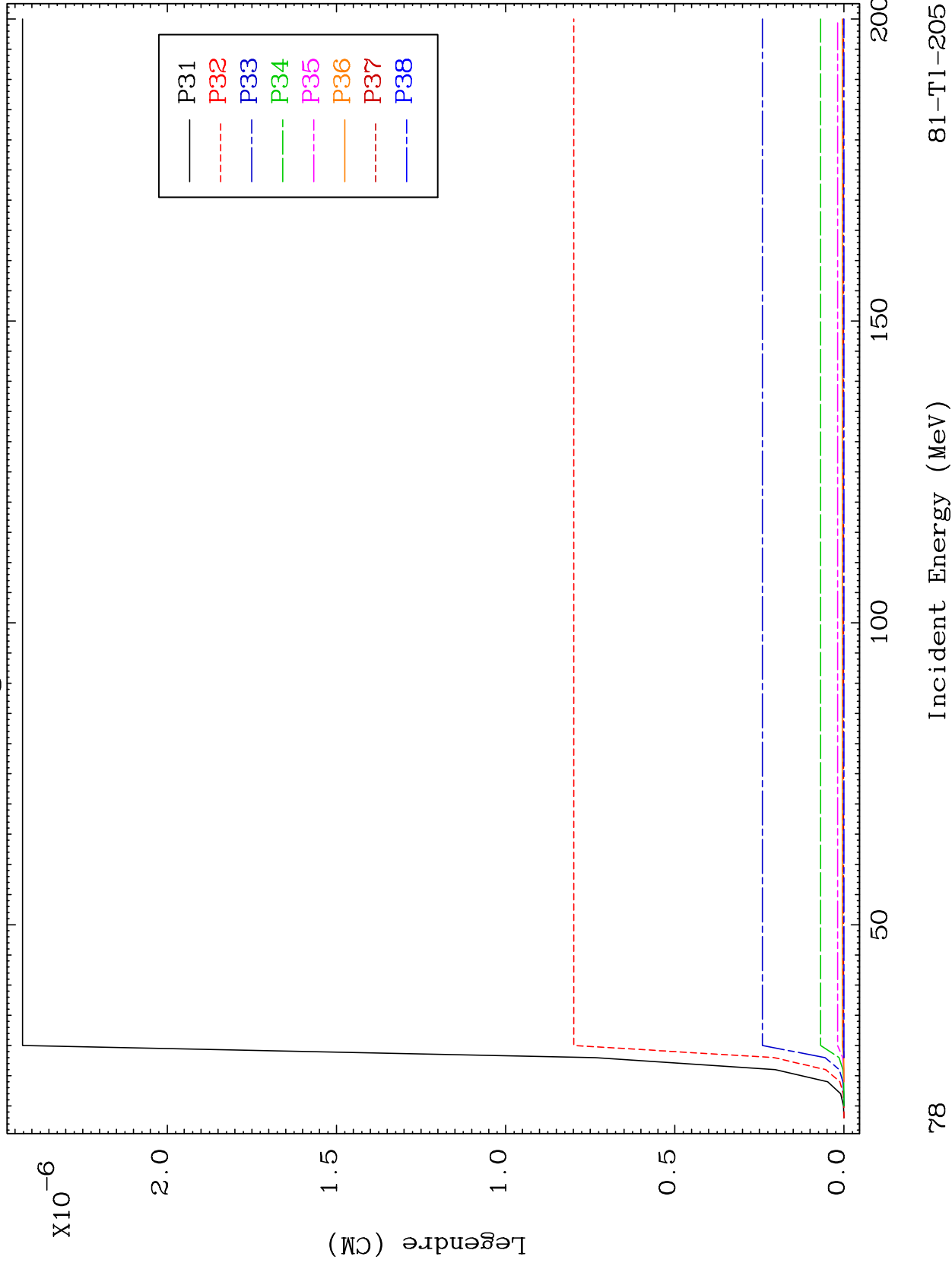
77

81-T1-205

MAT 8131

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

81-T1-205



78

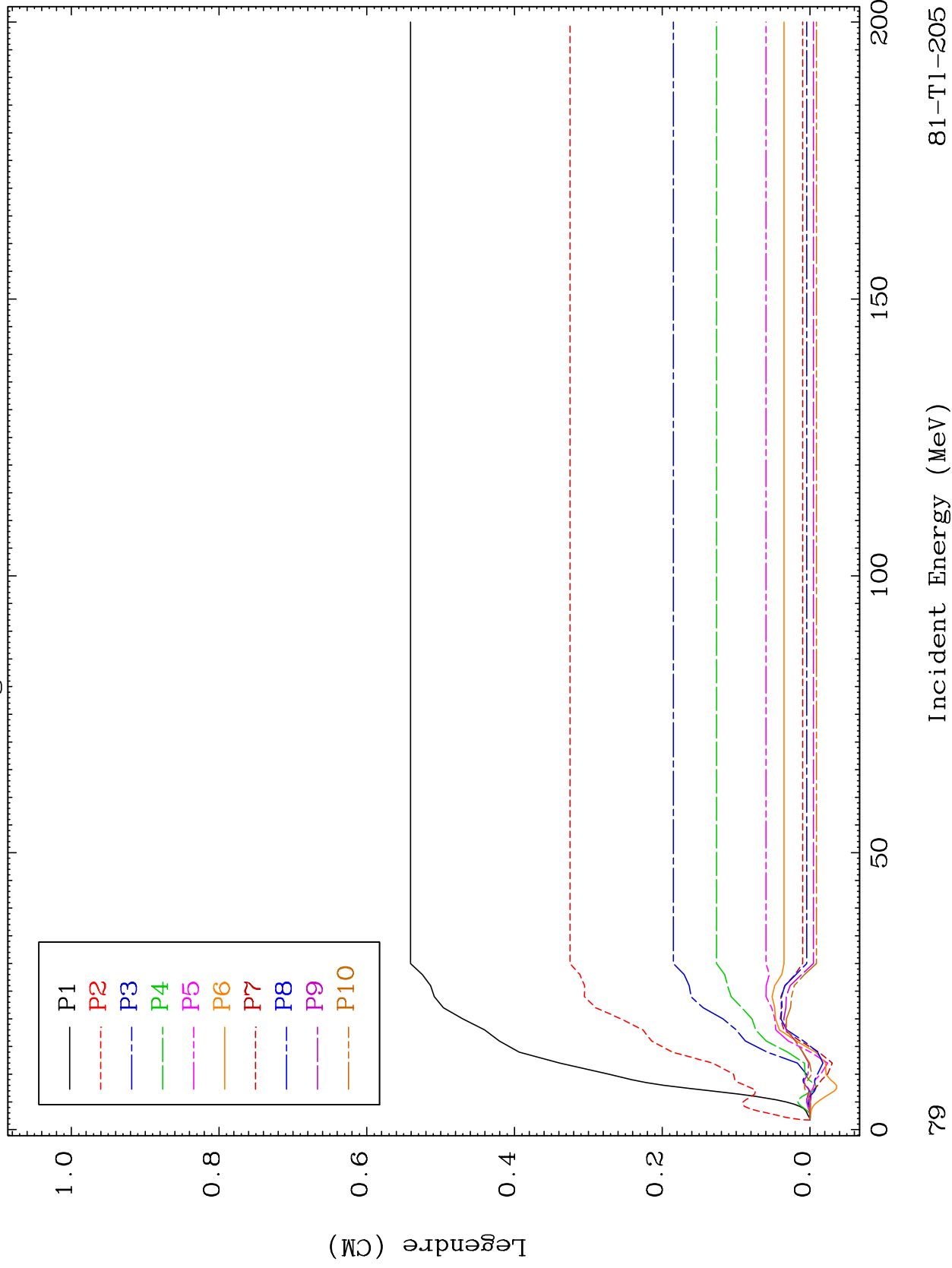
Incident Energy (MeV)

81-T1-205

MAT 8131

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

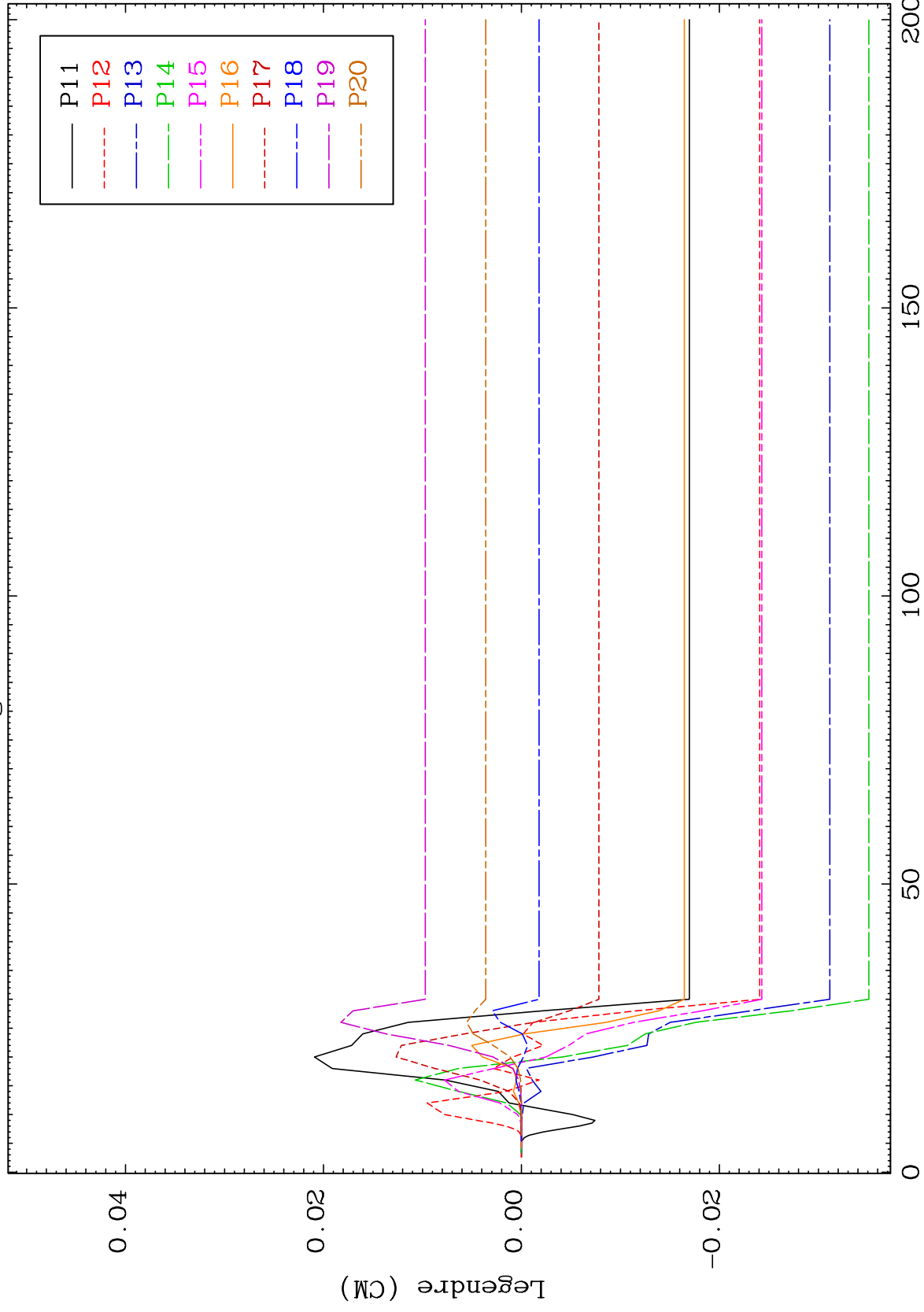
81-T1-205



MAT 8131

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

81-T1-205



80

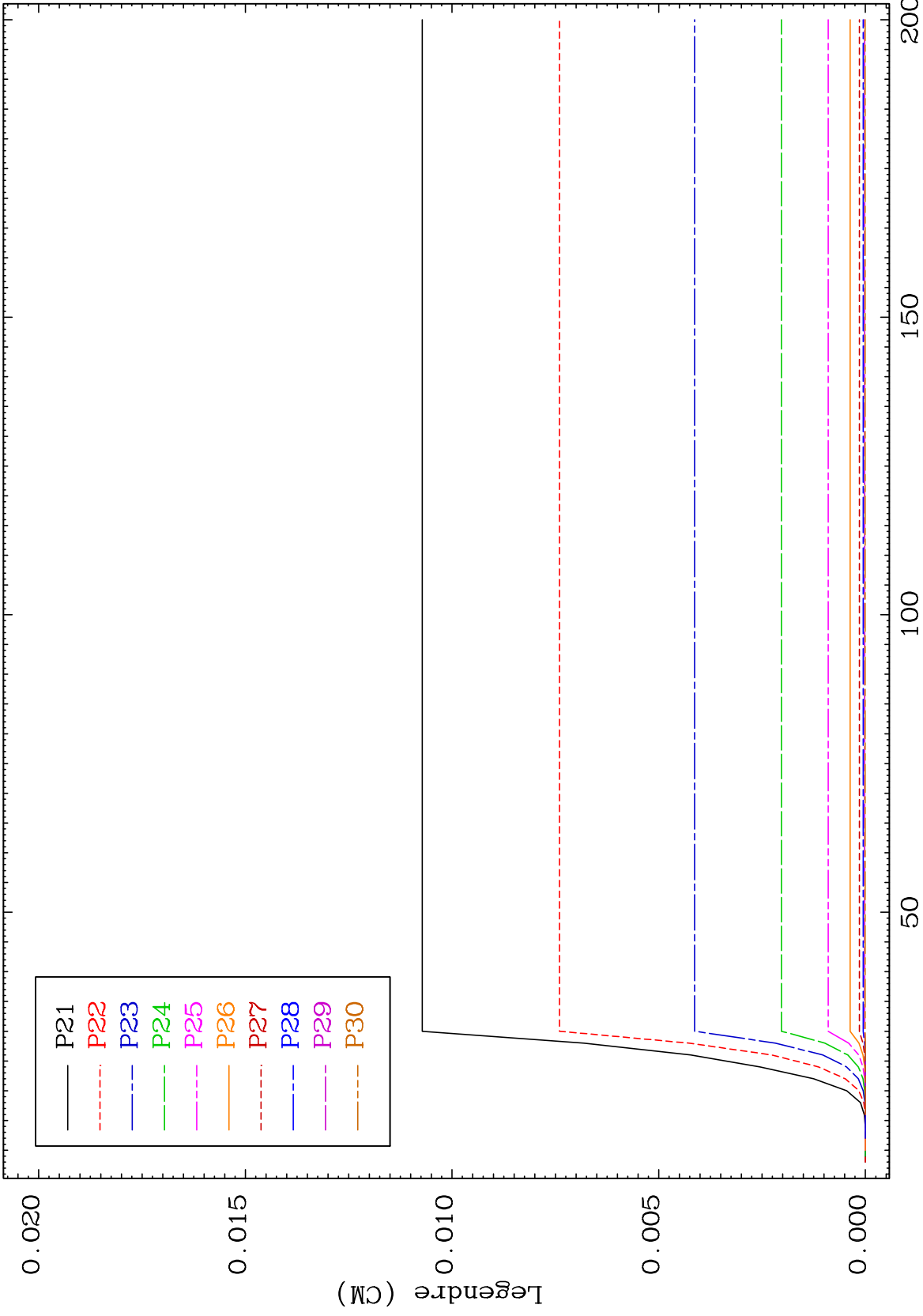
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



81

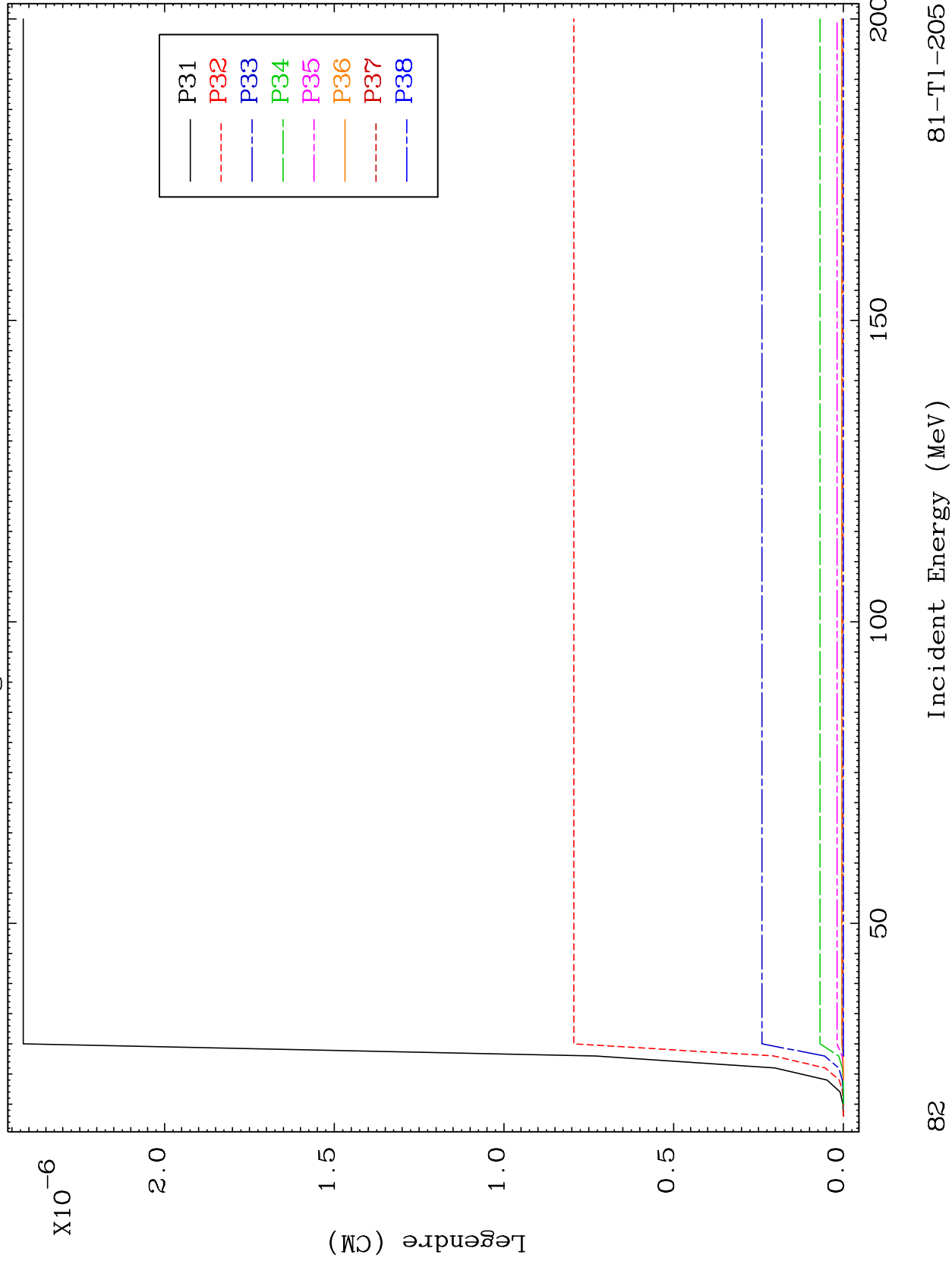
Incident Energy (MeV)

81-T1-205

MAT 8131

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

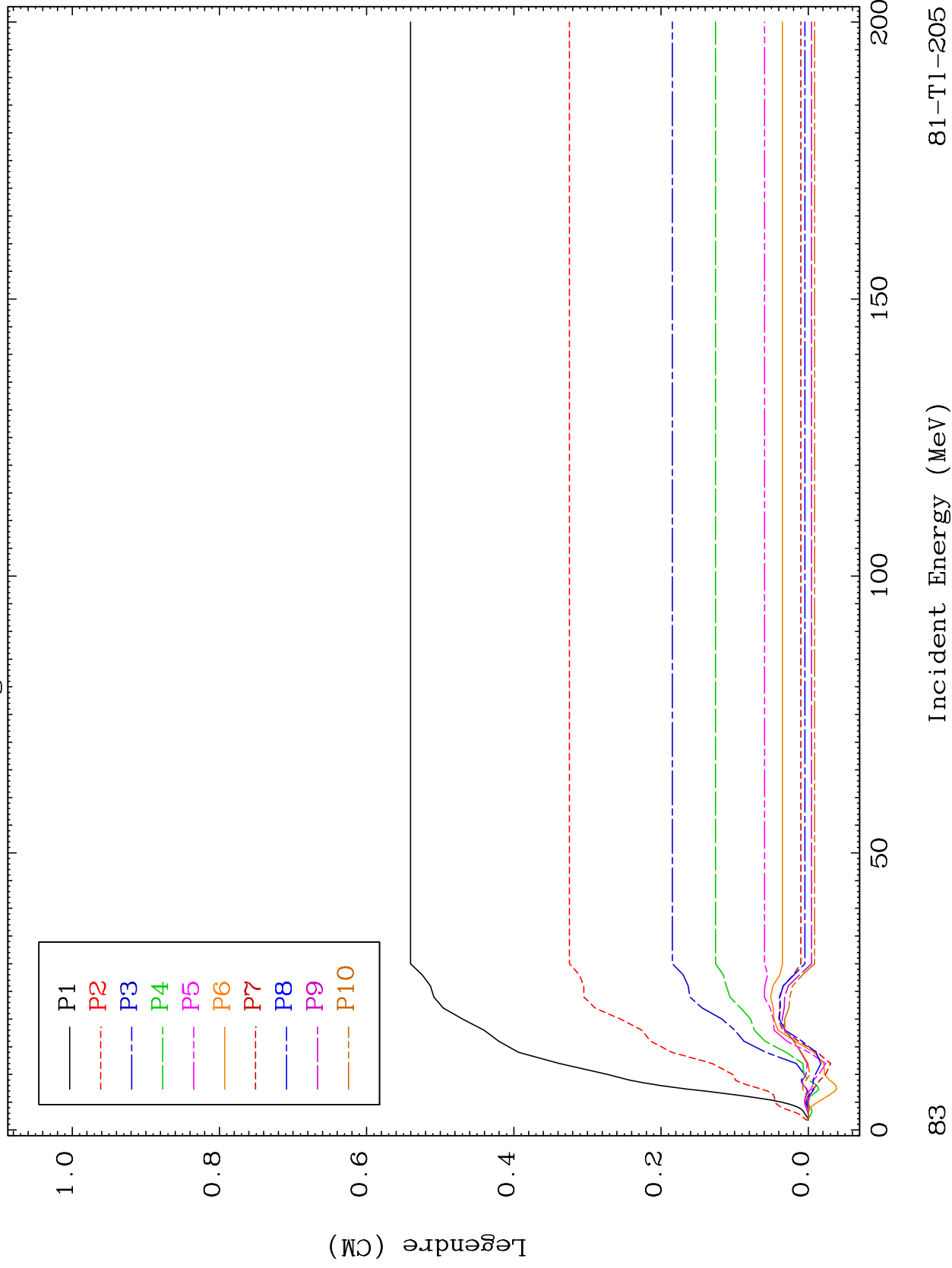
81-T1-205



82

Incident Energy (MeV)

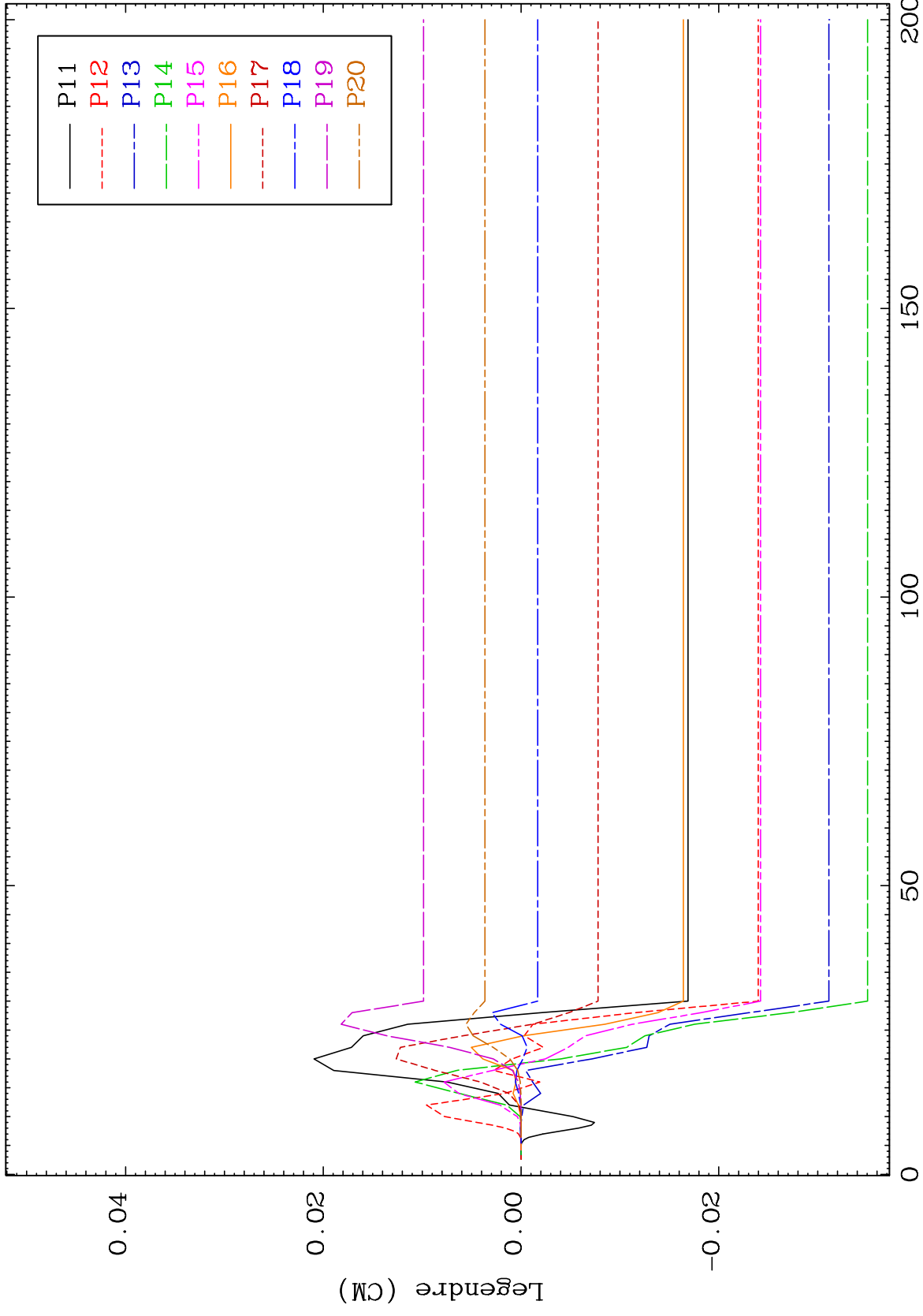
81-T1-205



MAT 8131

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

81-T1-205



84

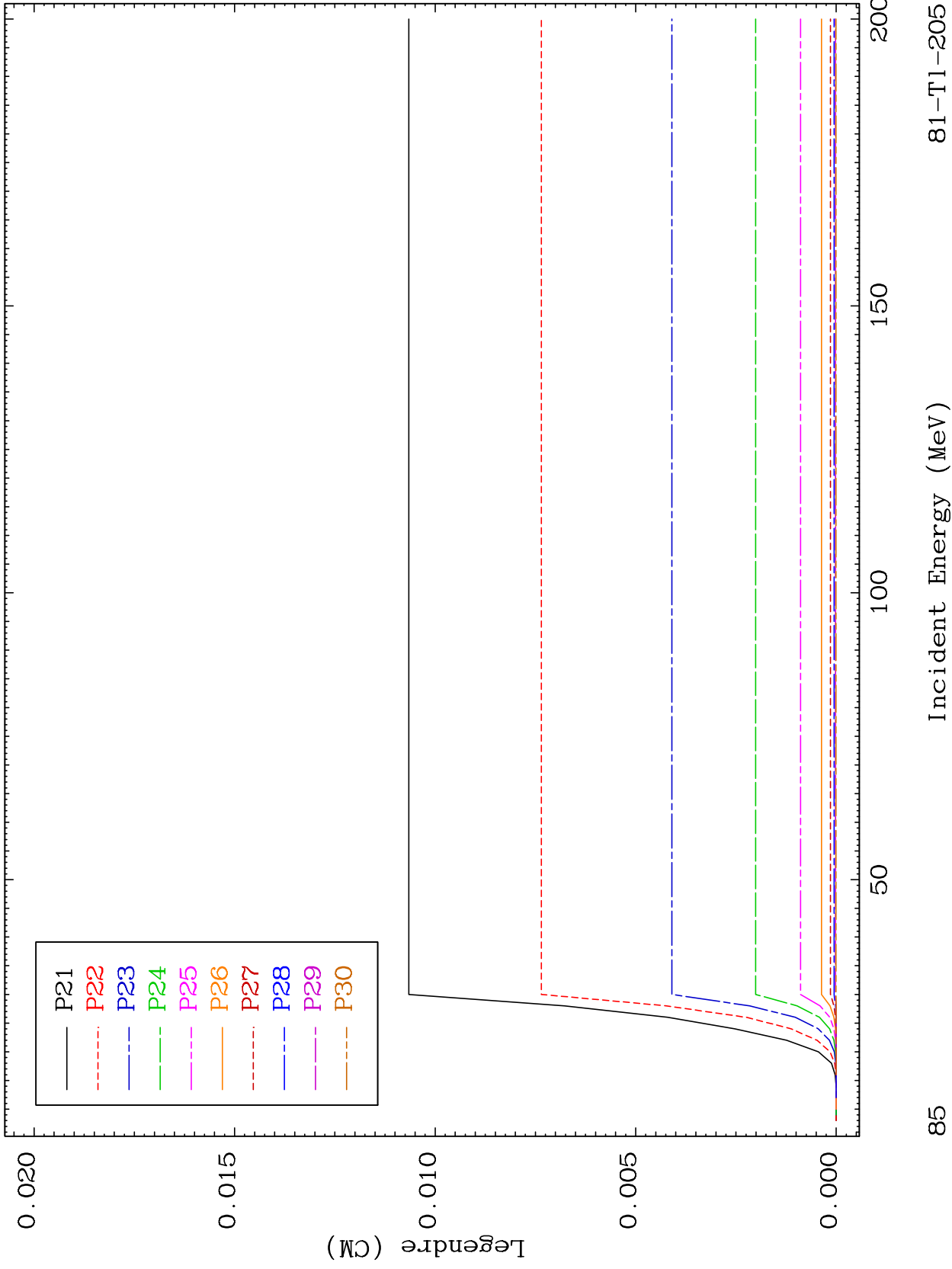
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-Tl-205



85

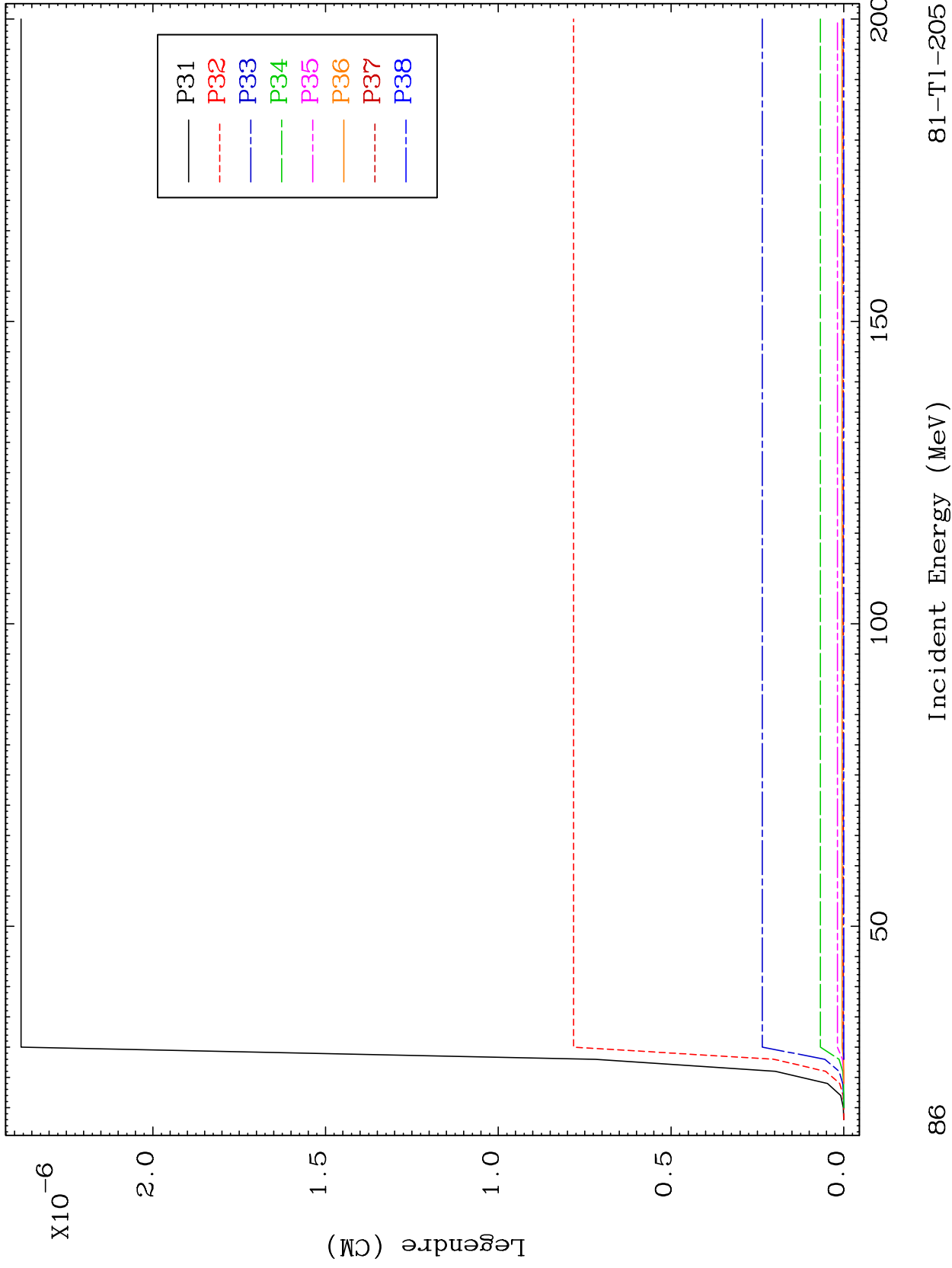
Incident Energy (MeV)

81-Tl-205

MAT 8131

81-T1-205

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



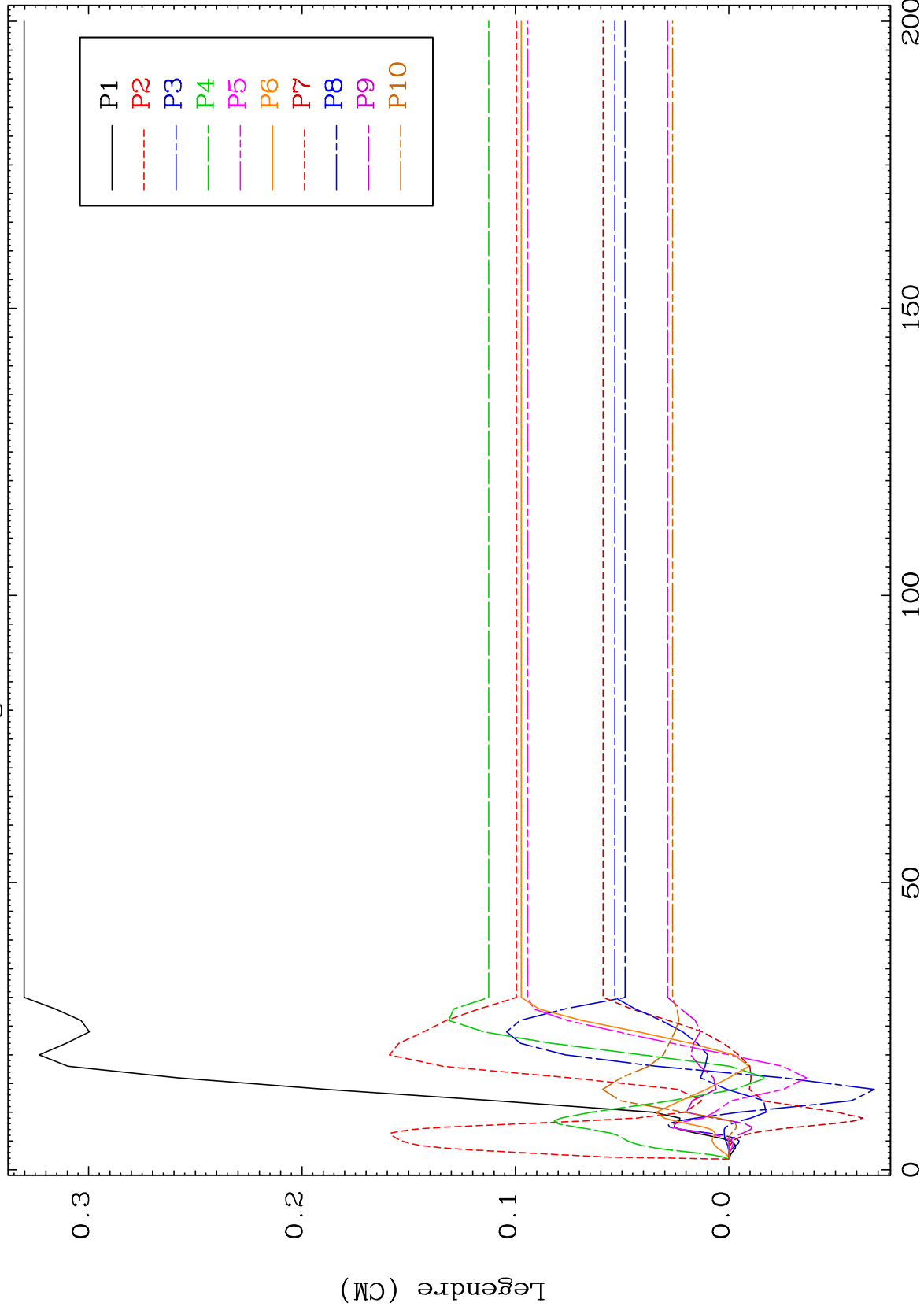
86

81-T1-205

MAT 8131

81-T1-205

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



81-T1-205

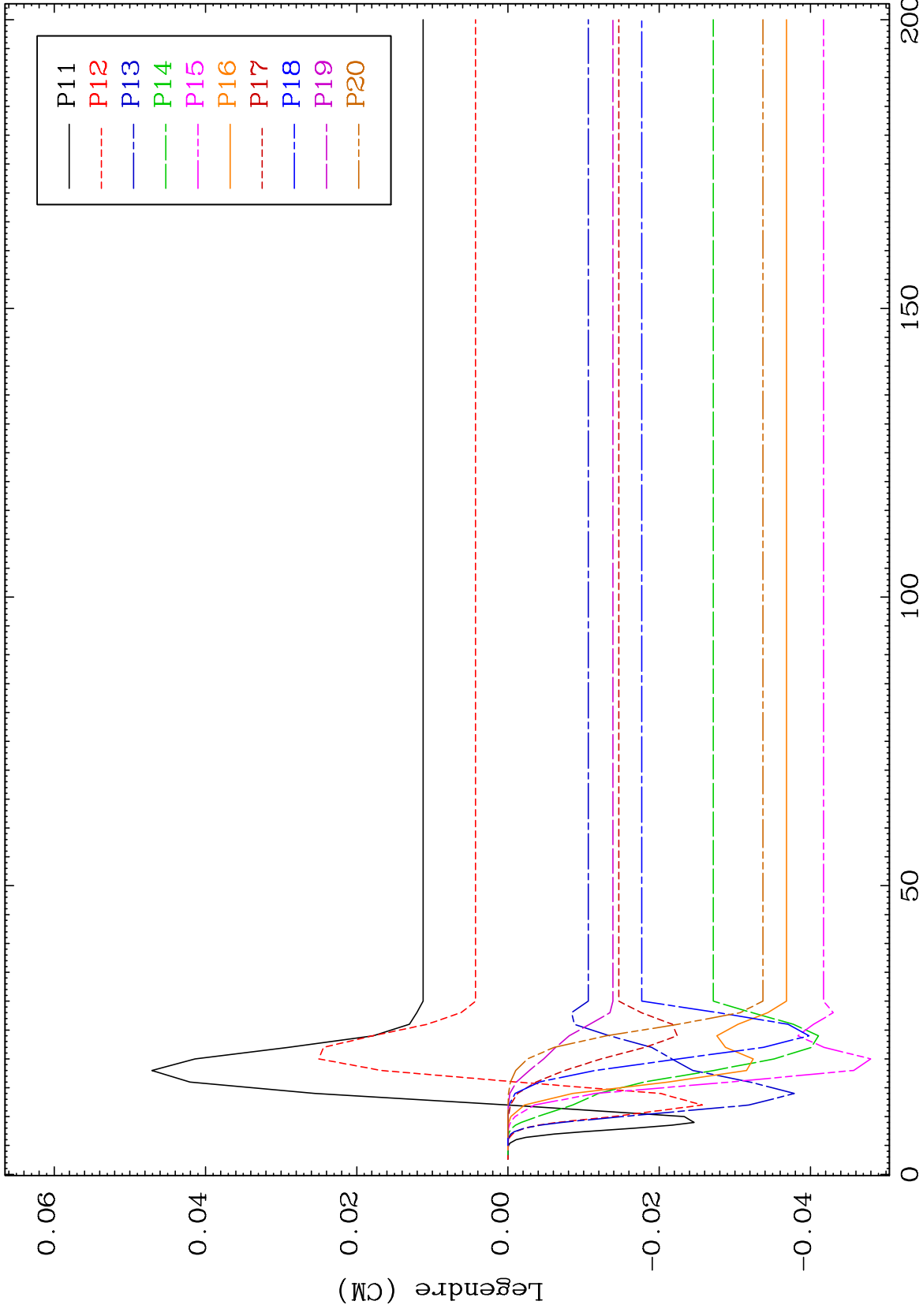
Incident Energy (MeV)

87

MAT 8131

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

81-T1-205



88

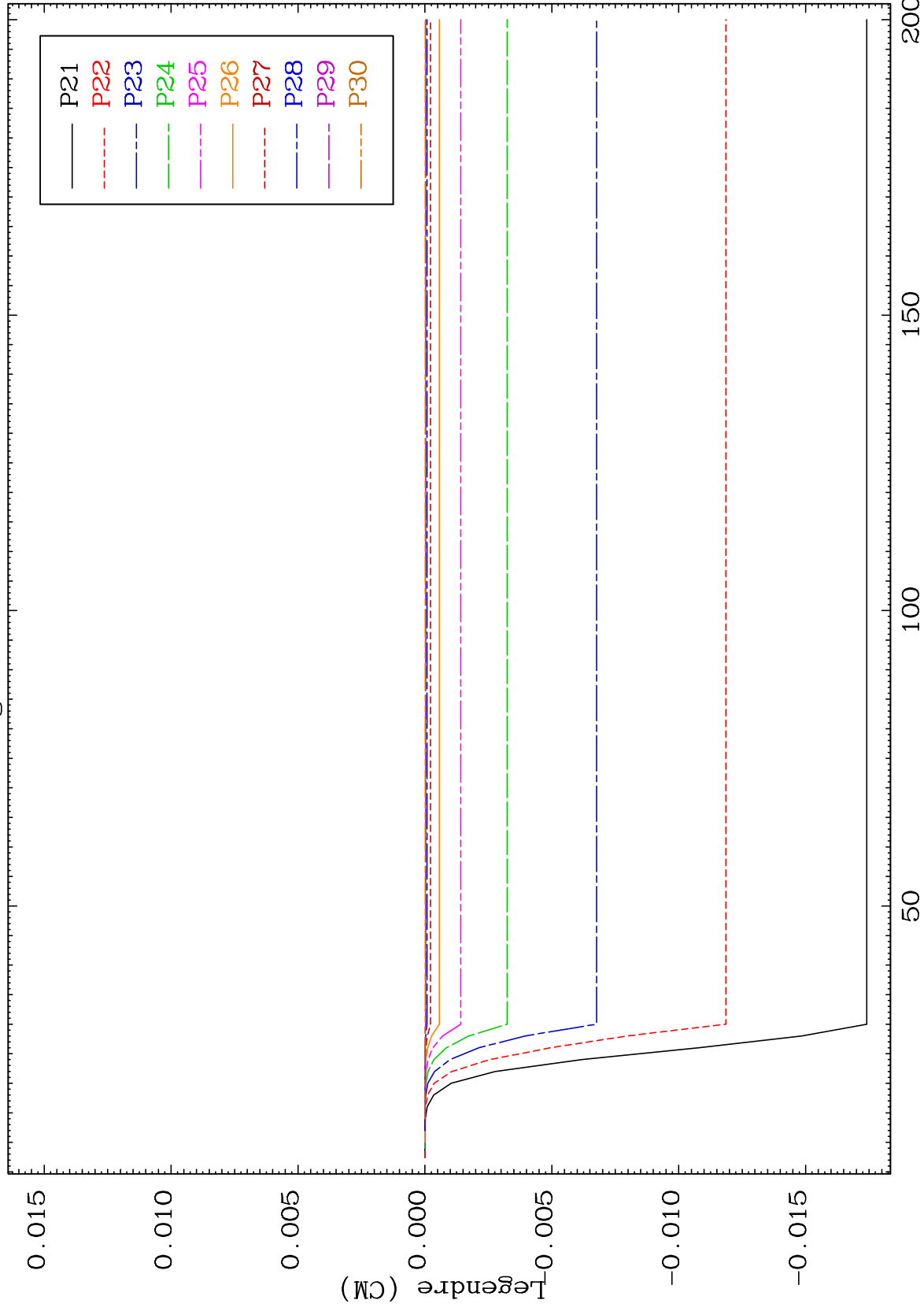
Incident Energy (MeV)

81-T1-205

MAT 8131

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

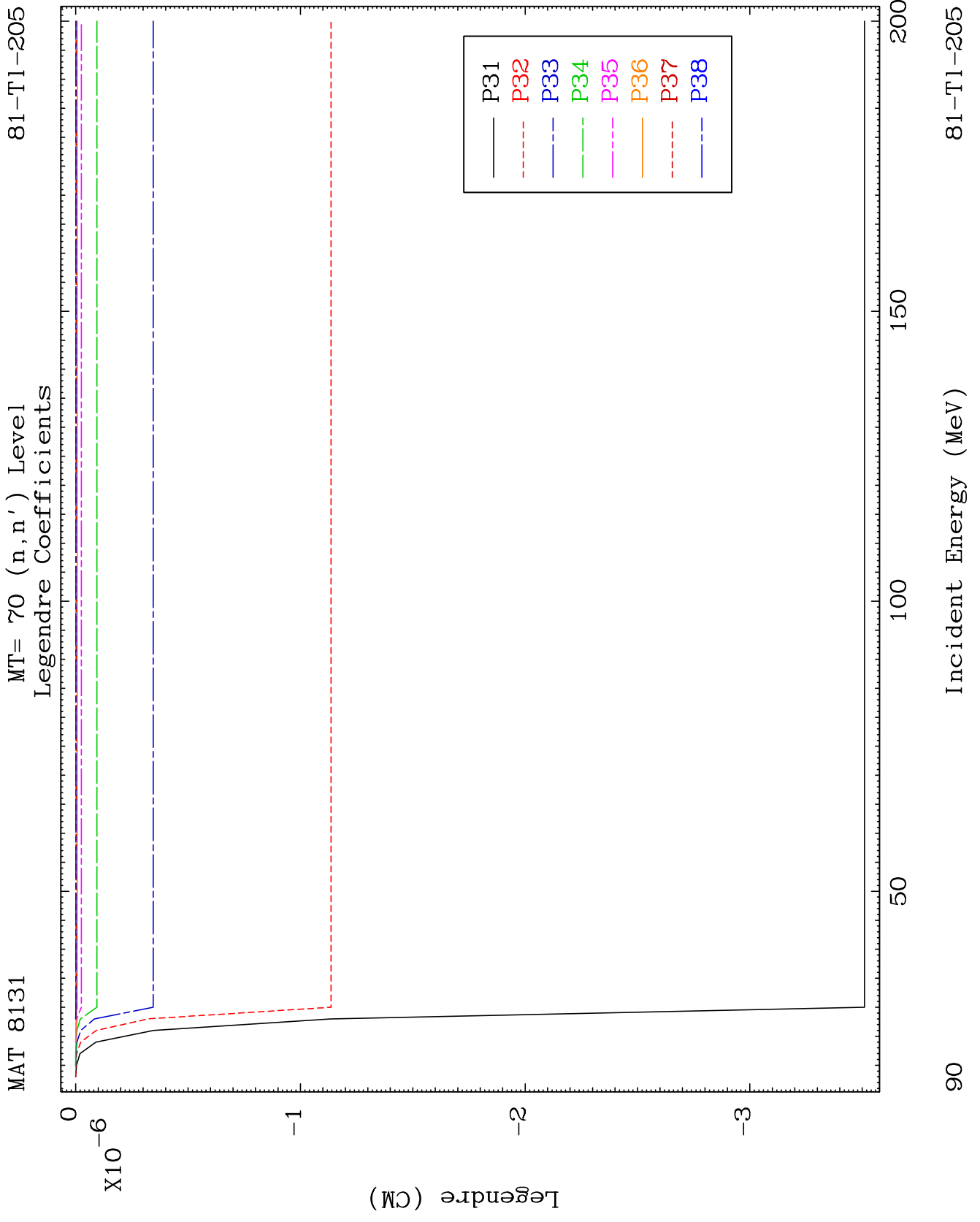
81-T1-205



89

Incident Energy (MeV)

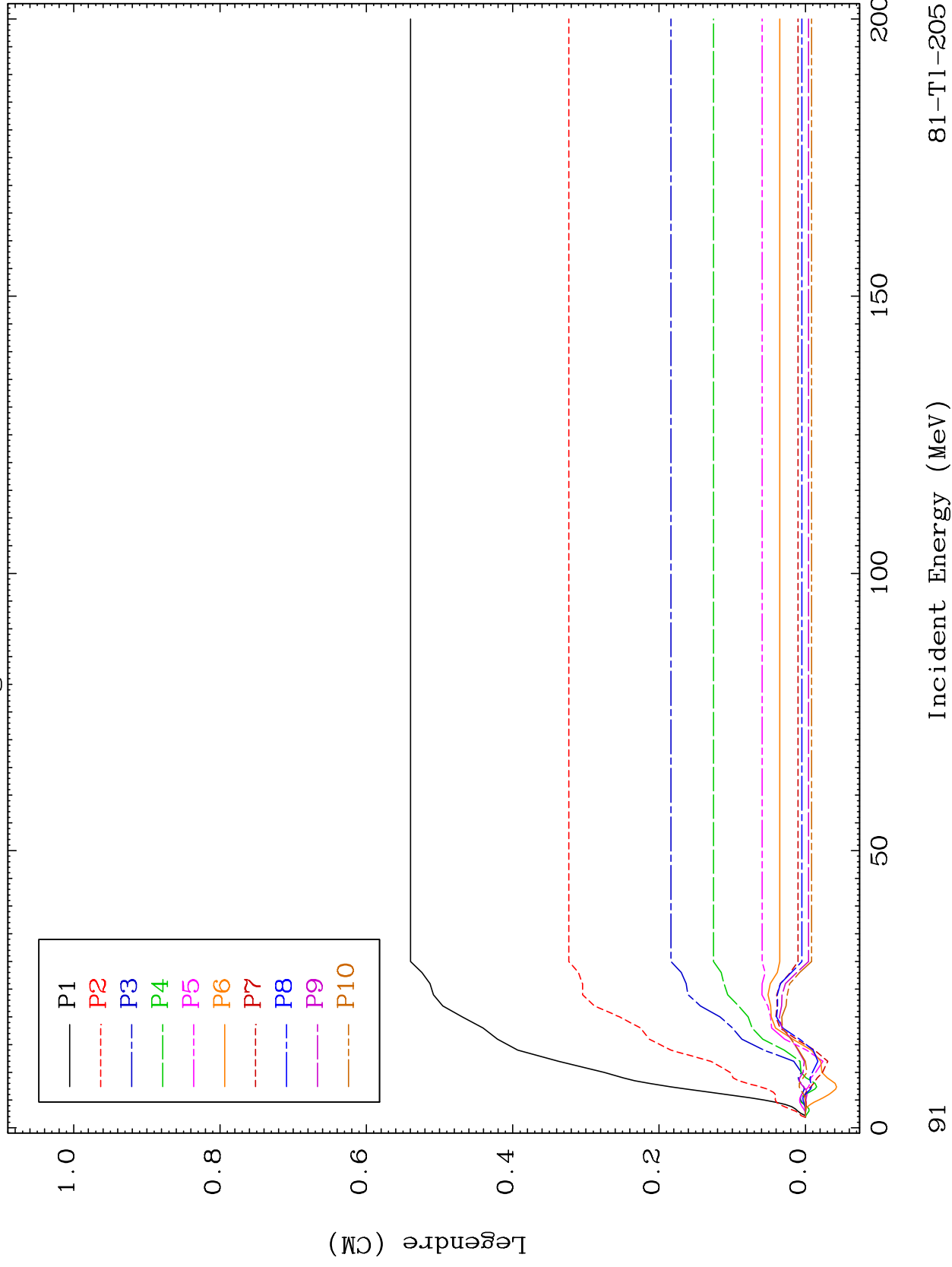
81-T1-205



MAT 8131

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

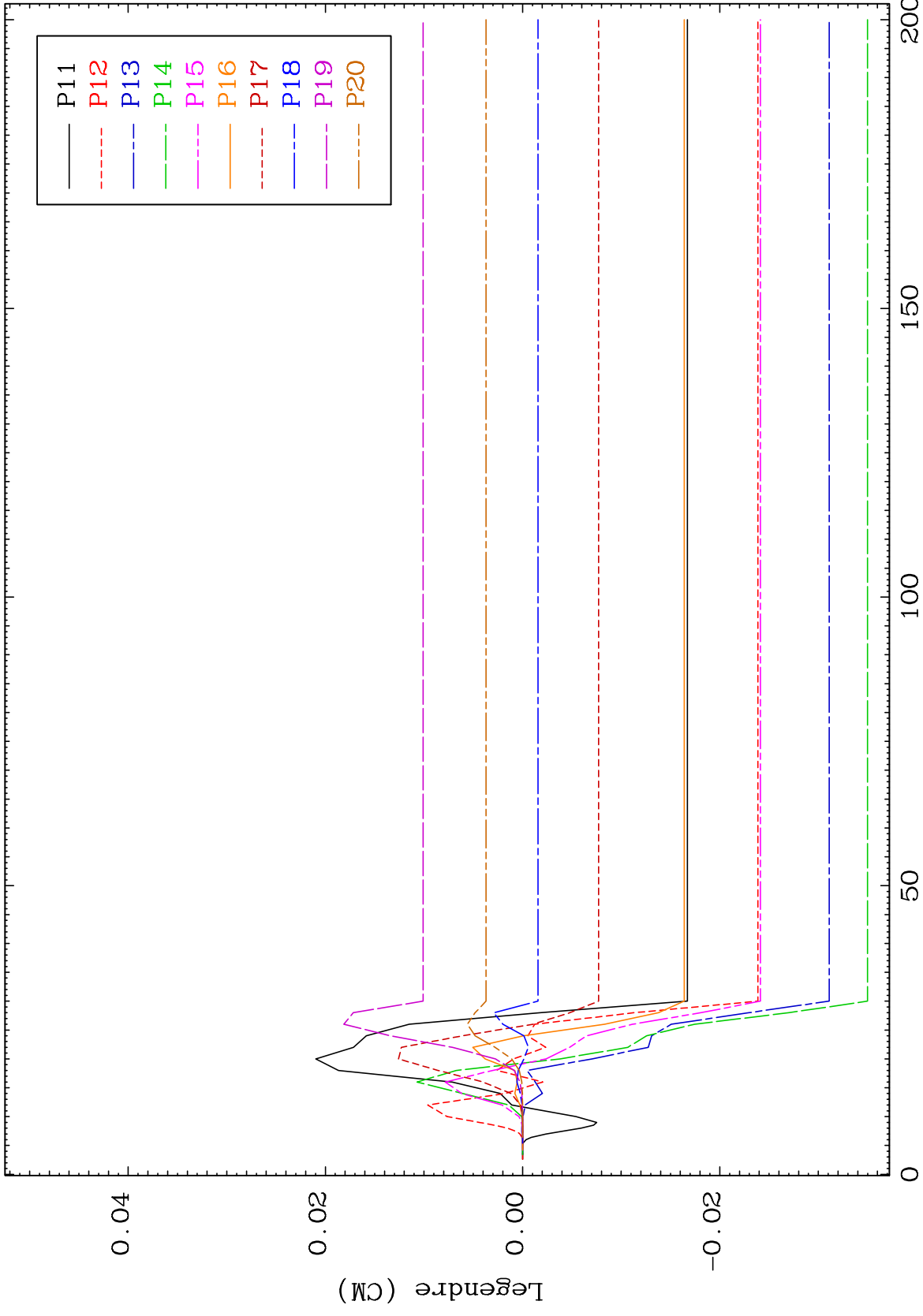
81-T1-205



MAT 8131

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

81-T1-205



92

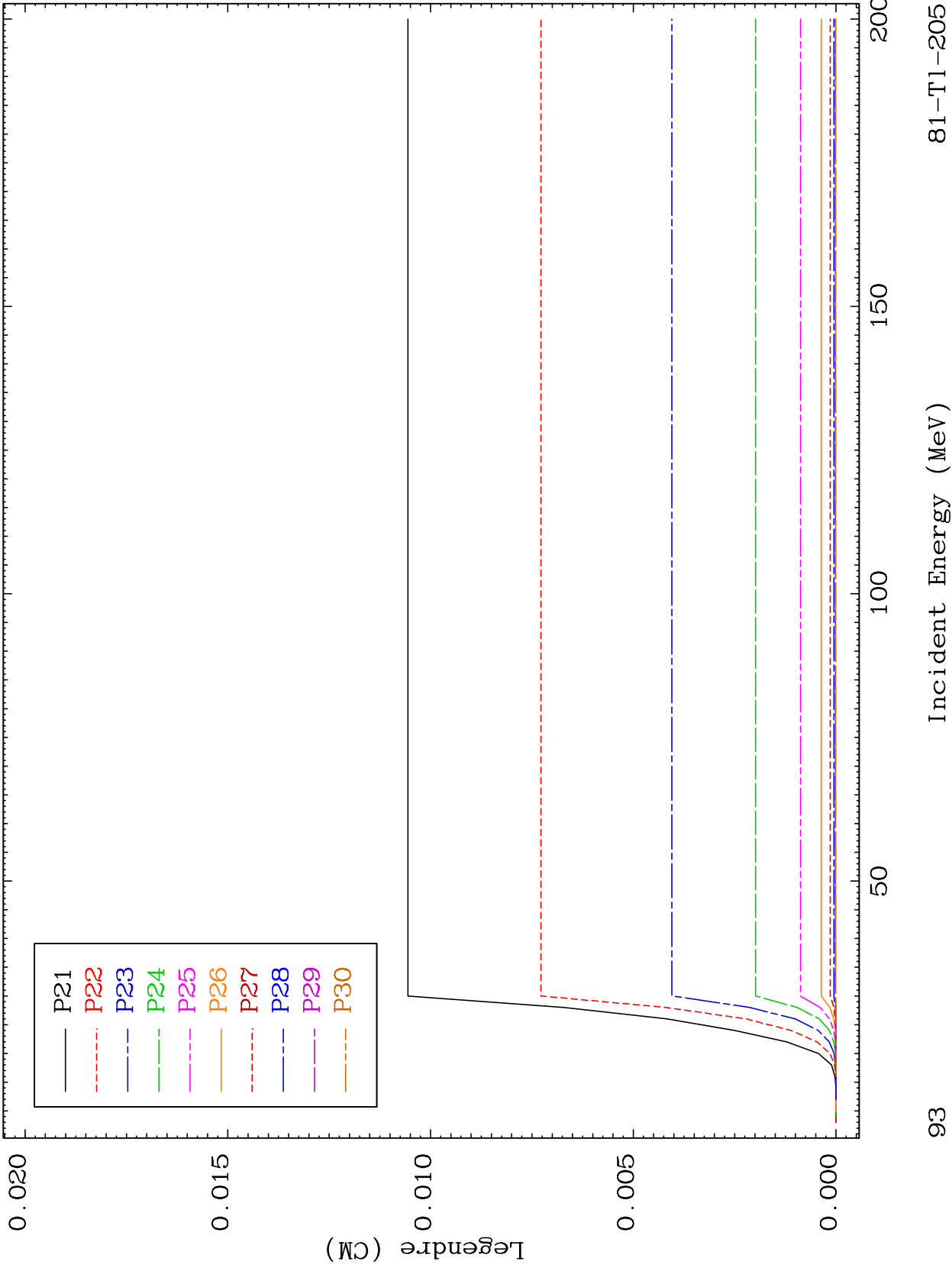
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



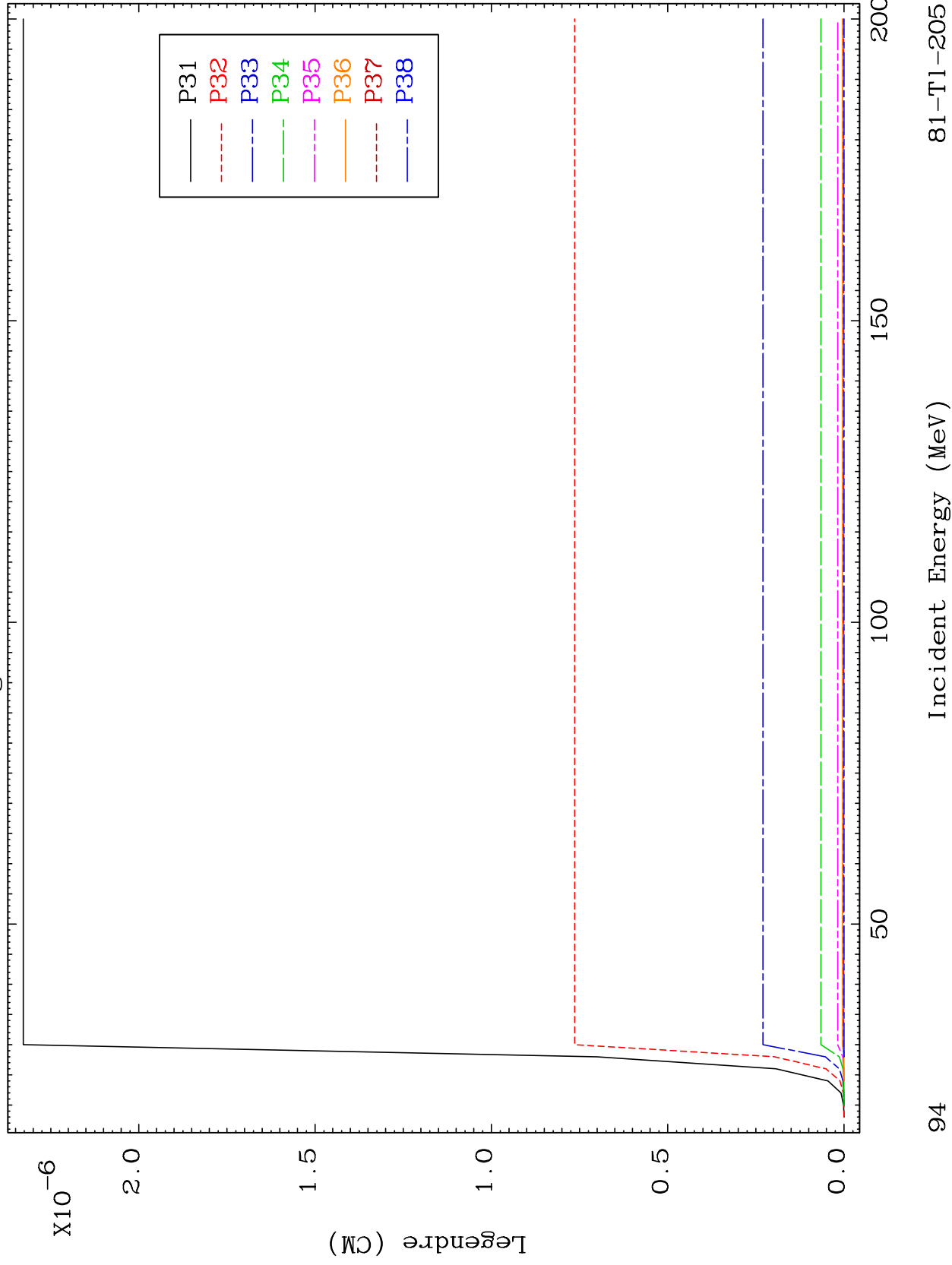
93

81-T1-205

MAT 8131

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

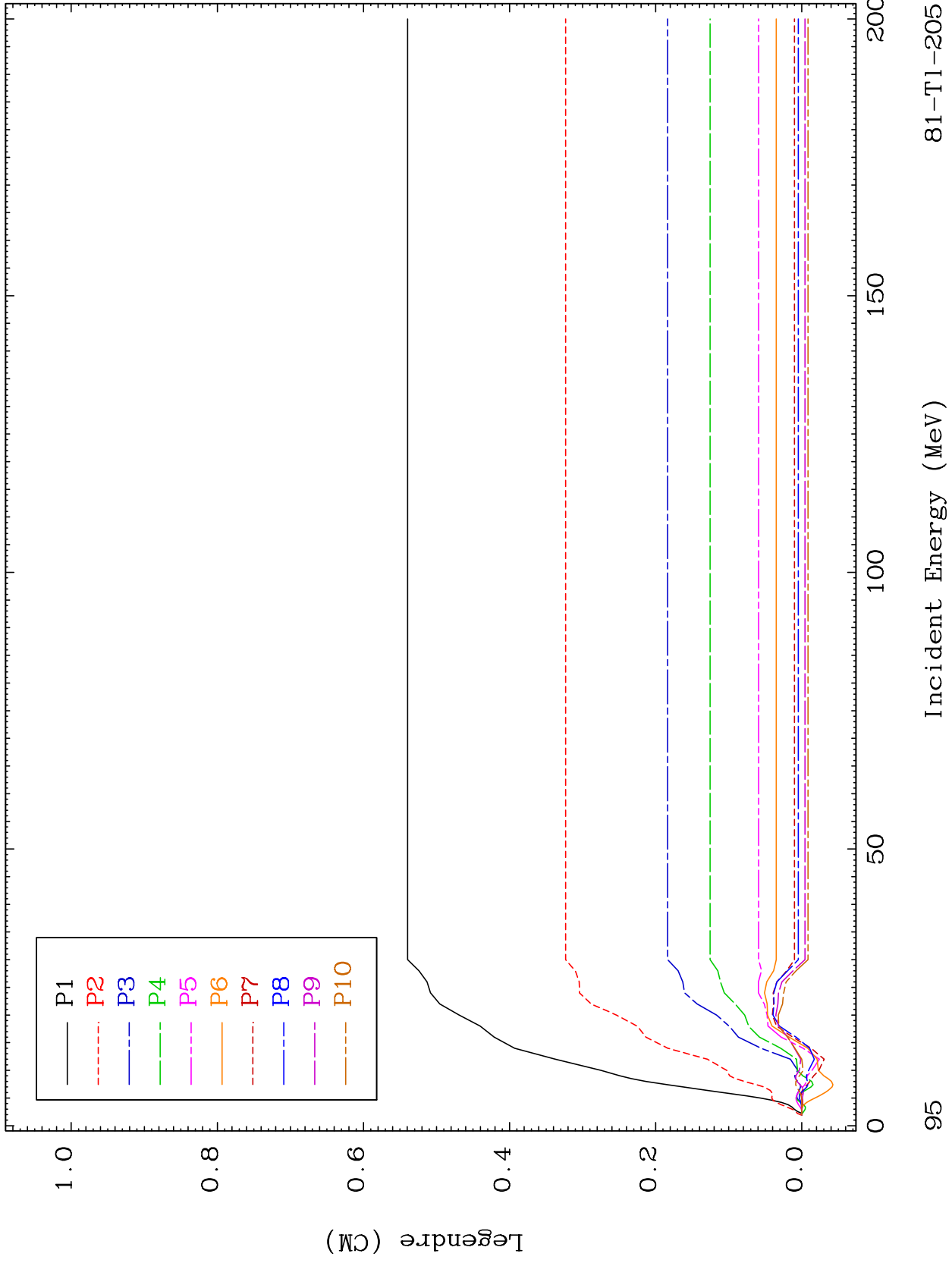
81-T1-205



MAT 8131

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

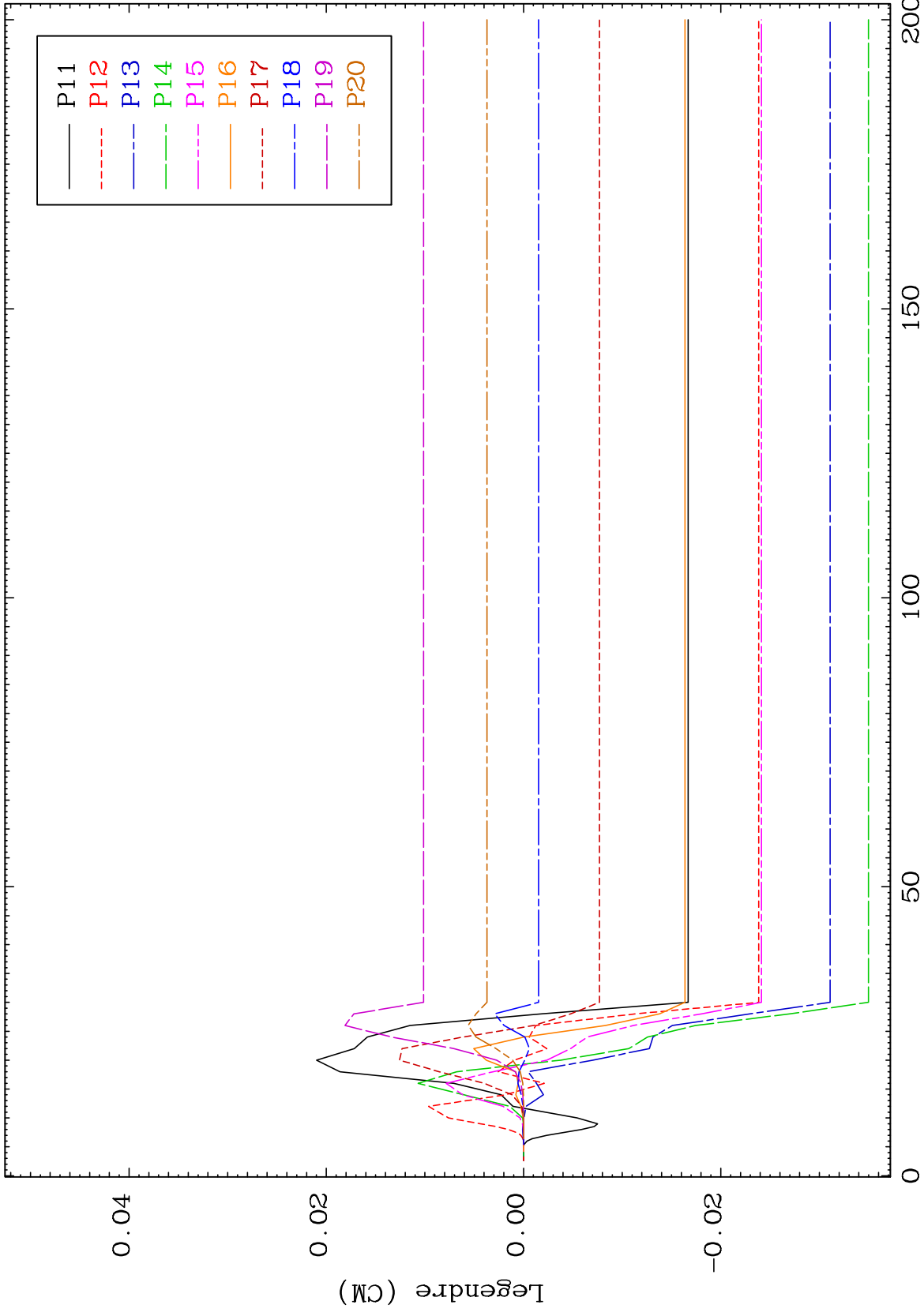
81-T1-205



MAT 8131

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

81-T1-205



96

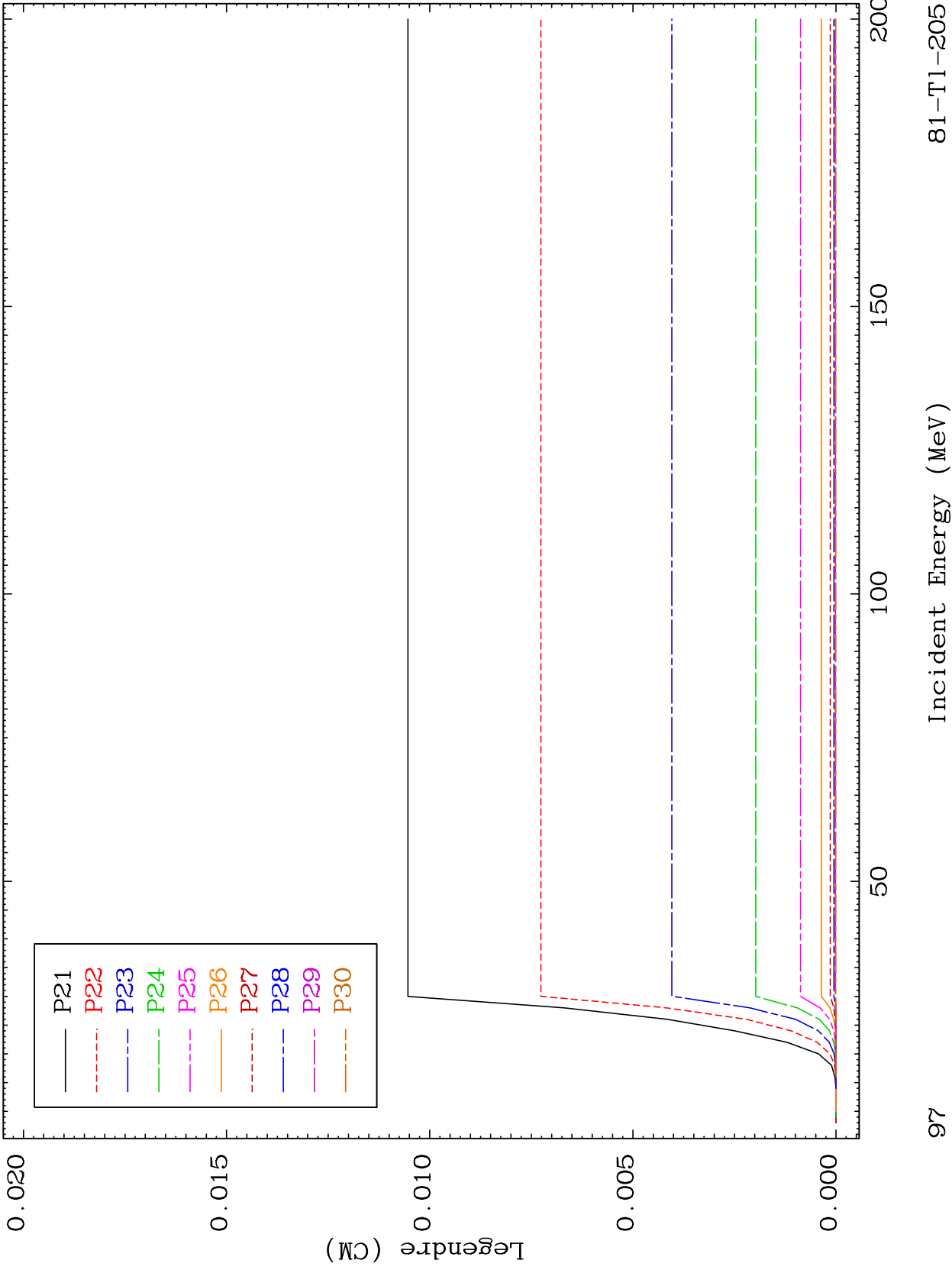
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-Tl-205



97

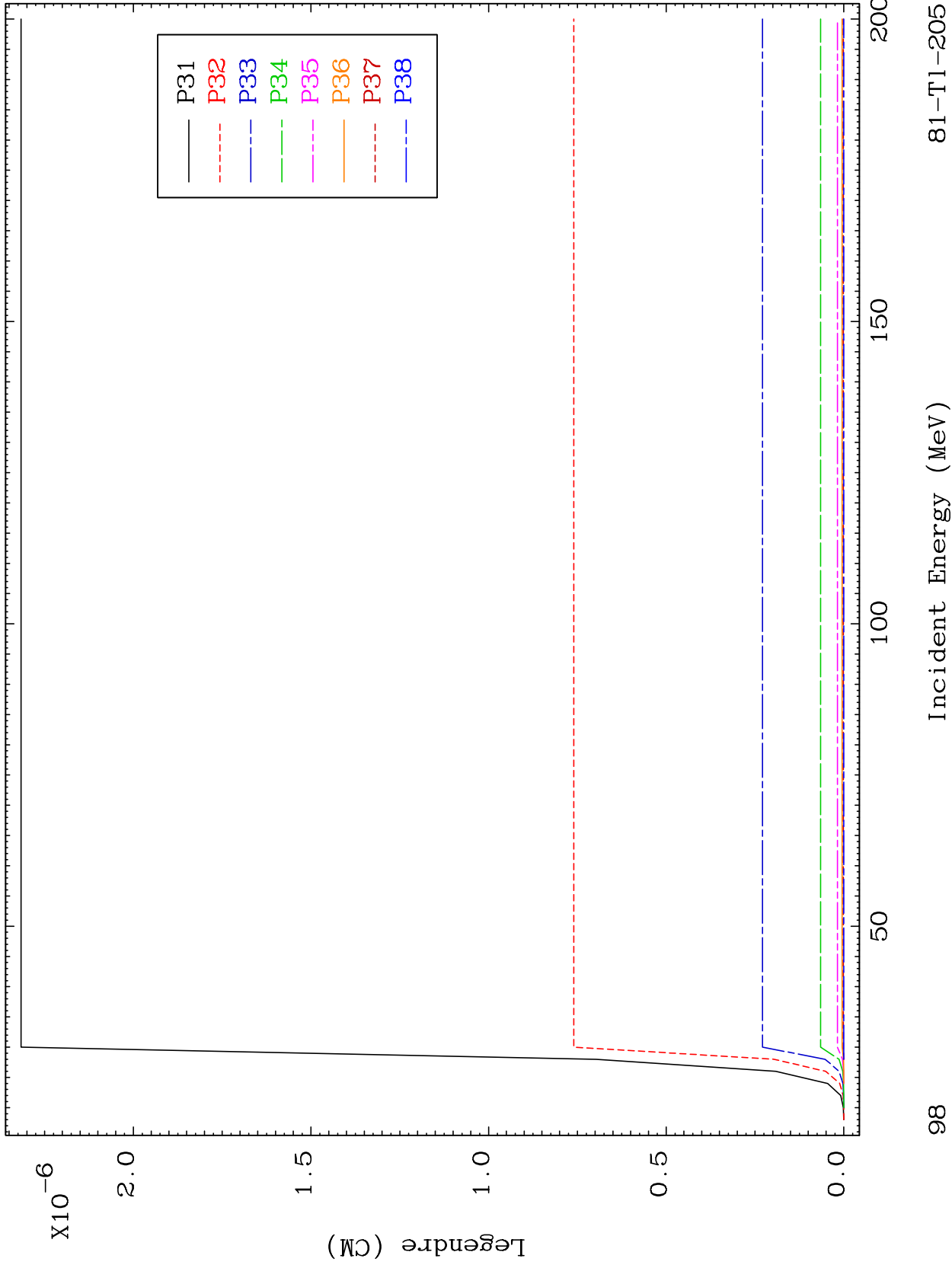
Incident Energy (MeV)

81-Tl-205

MAT 8131

81-T1-205

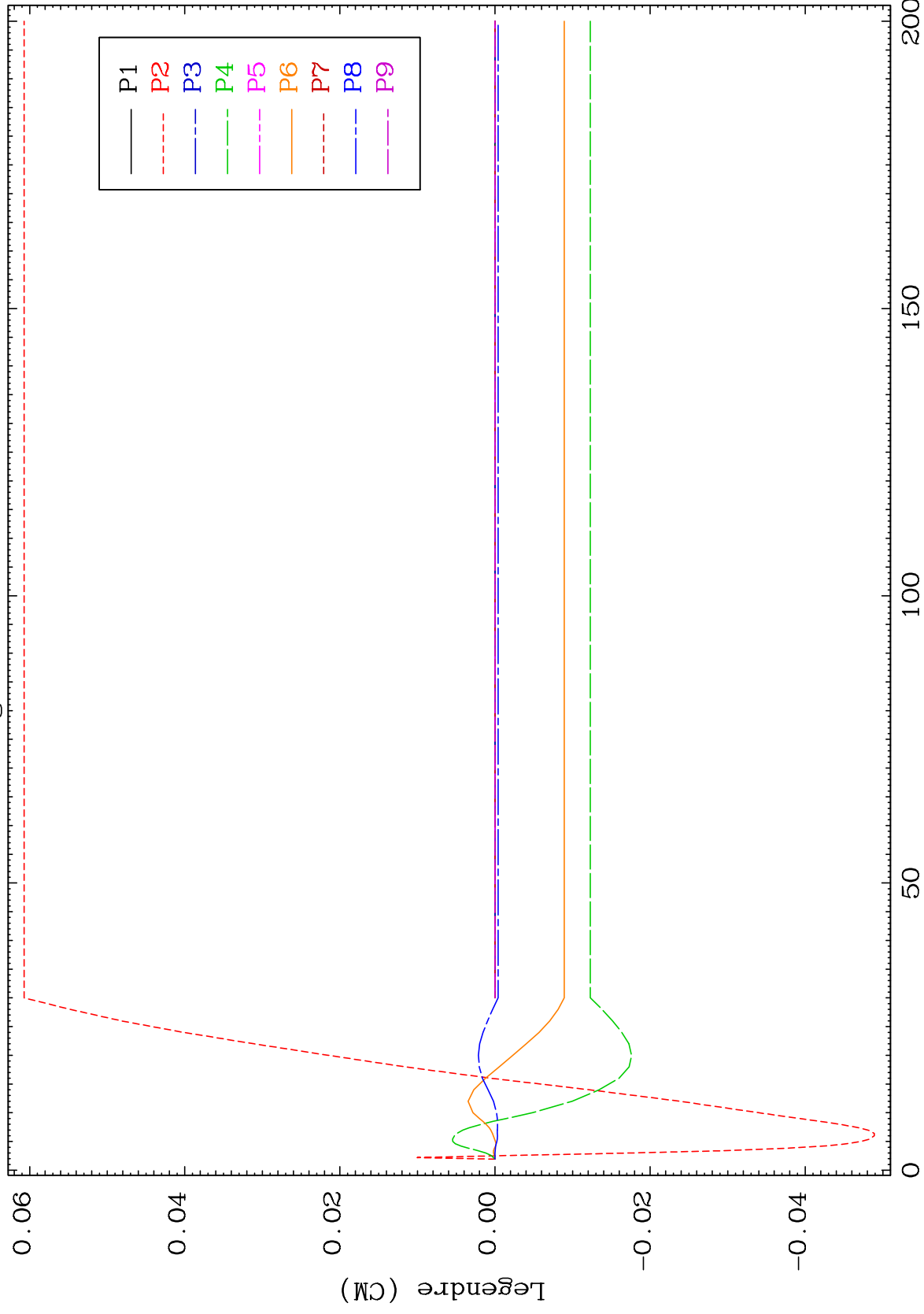
MT= 72 (n,n') Level
Legendre Coefficients



MAT 8131

81-T1-205

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



81-T1-205

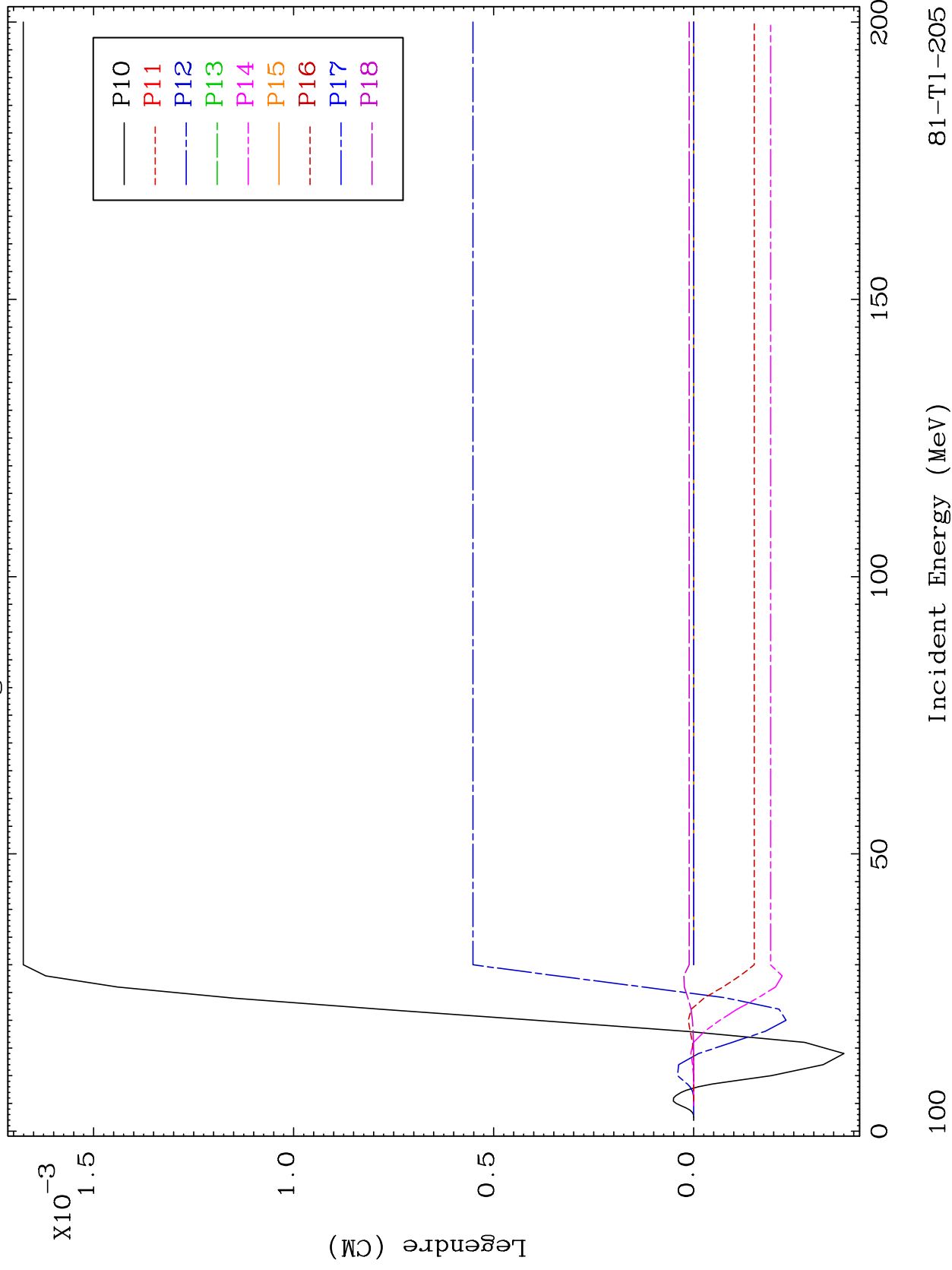
Incident Energy (MeV)

99

MAT 8131

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

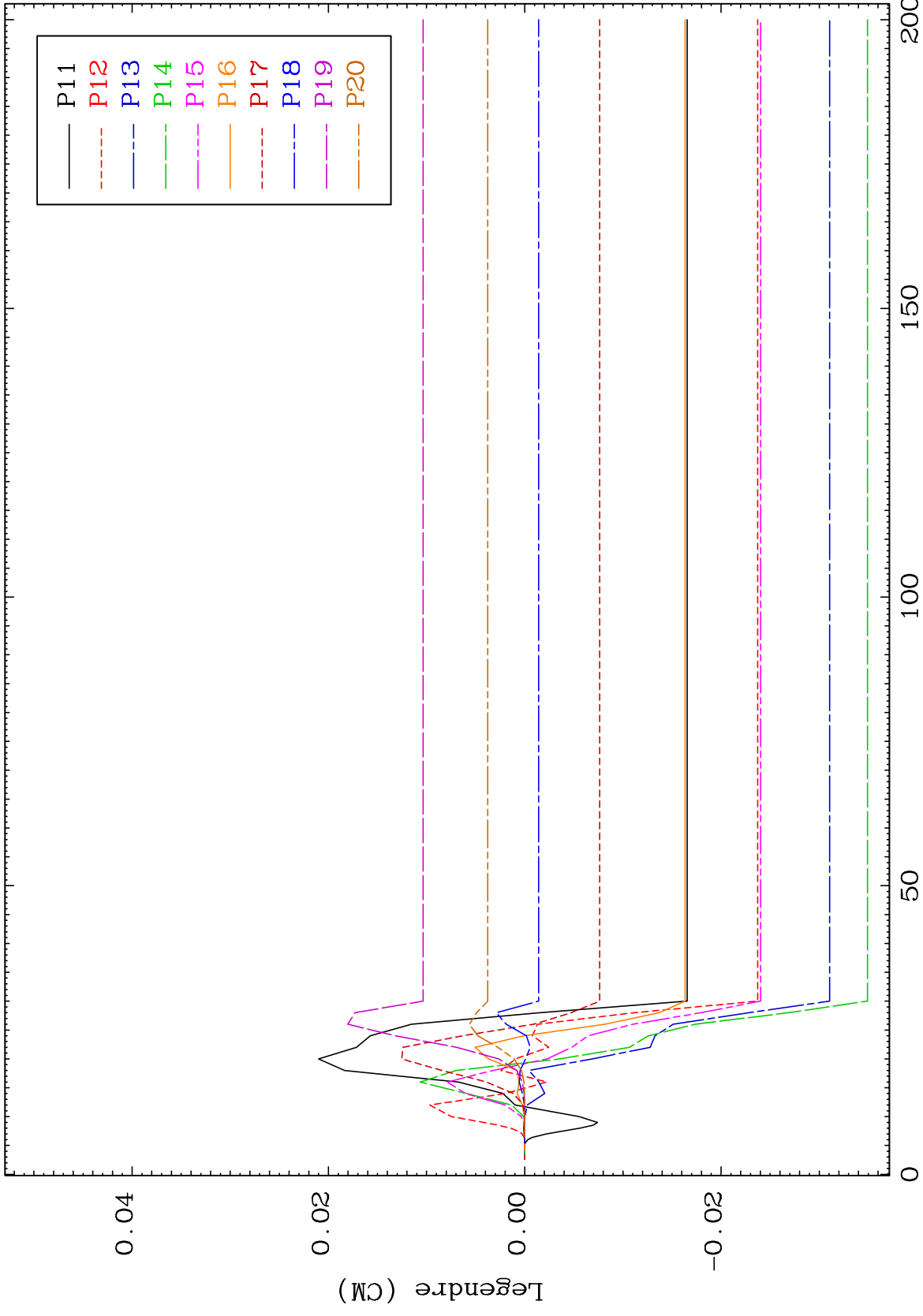
81-T1-205



MAT 8131

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

81-T1-205



103

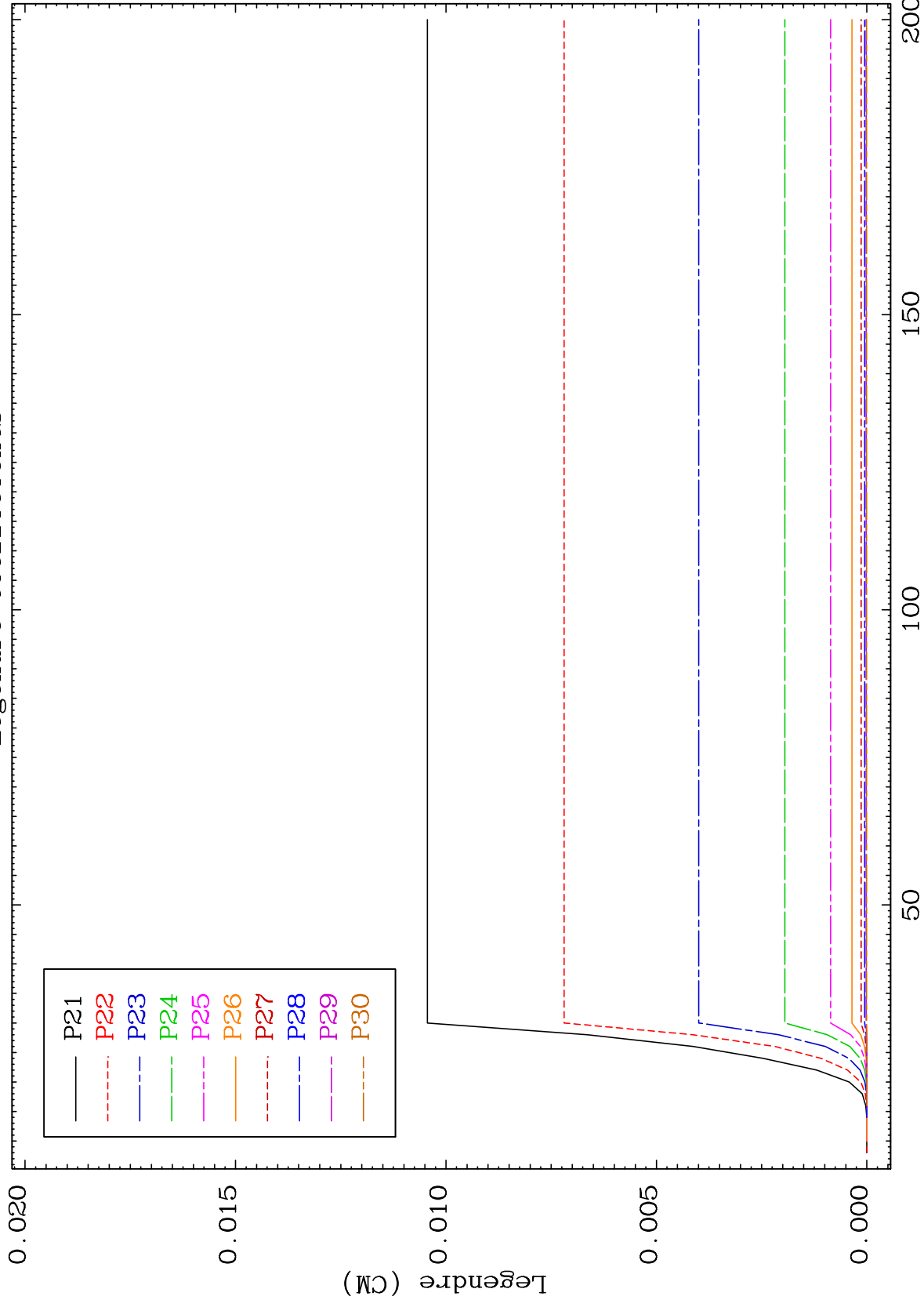
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



104

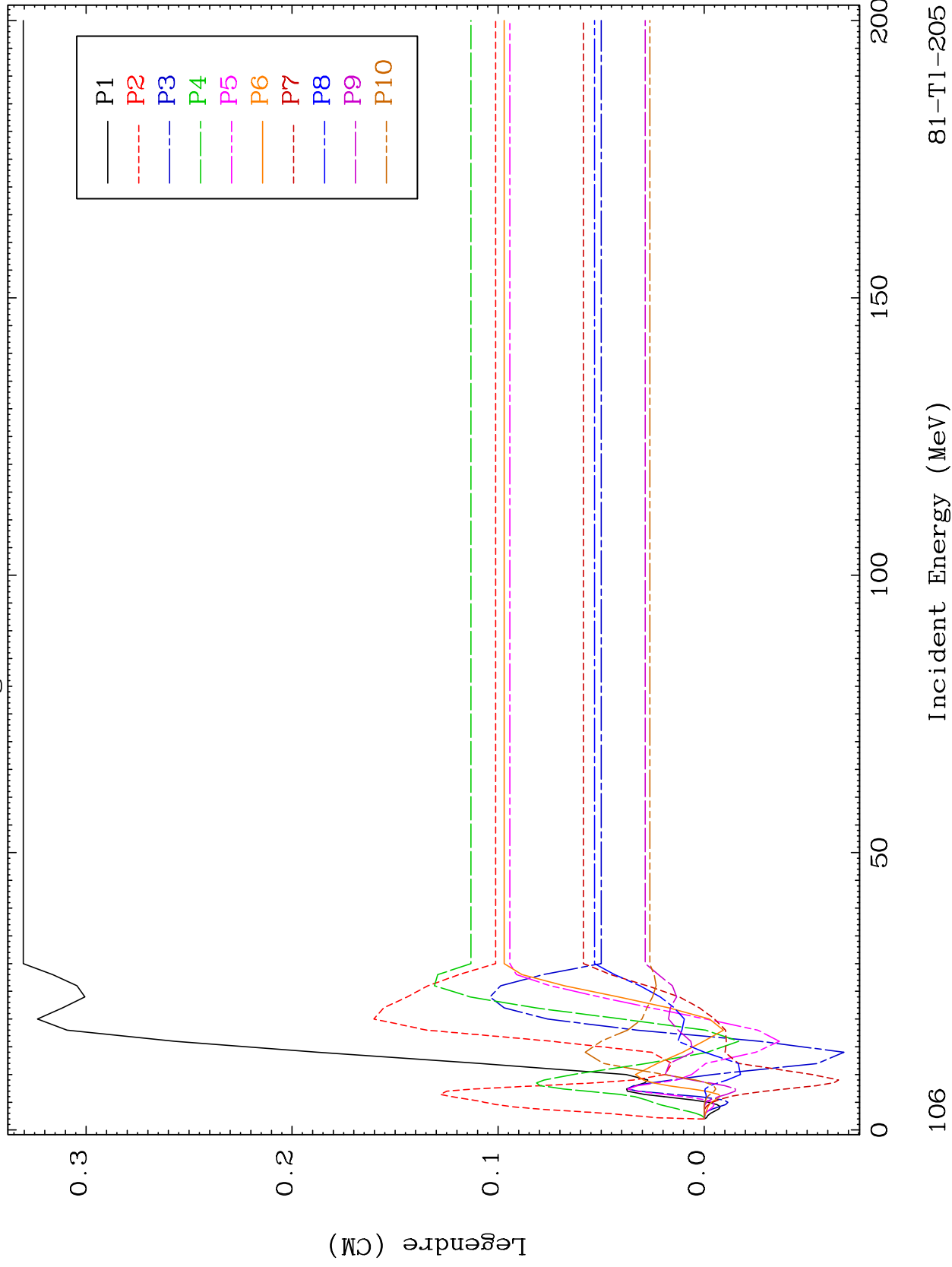
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



81-T1-205

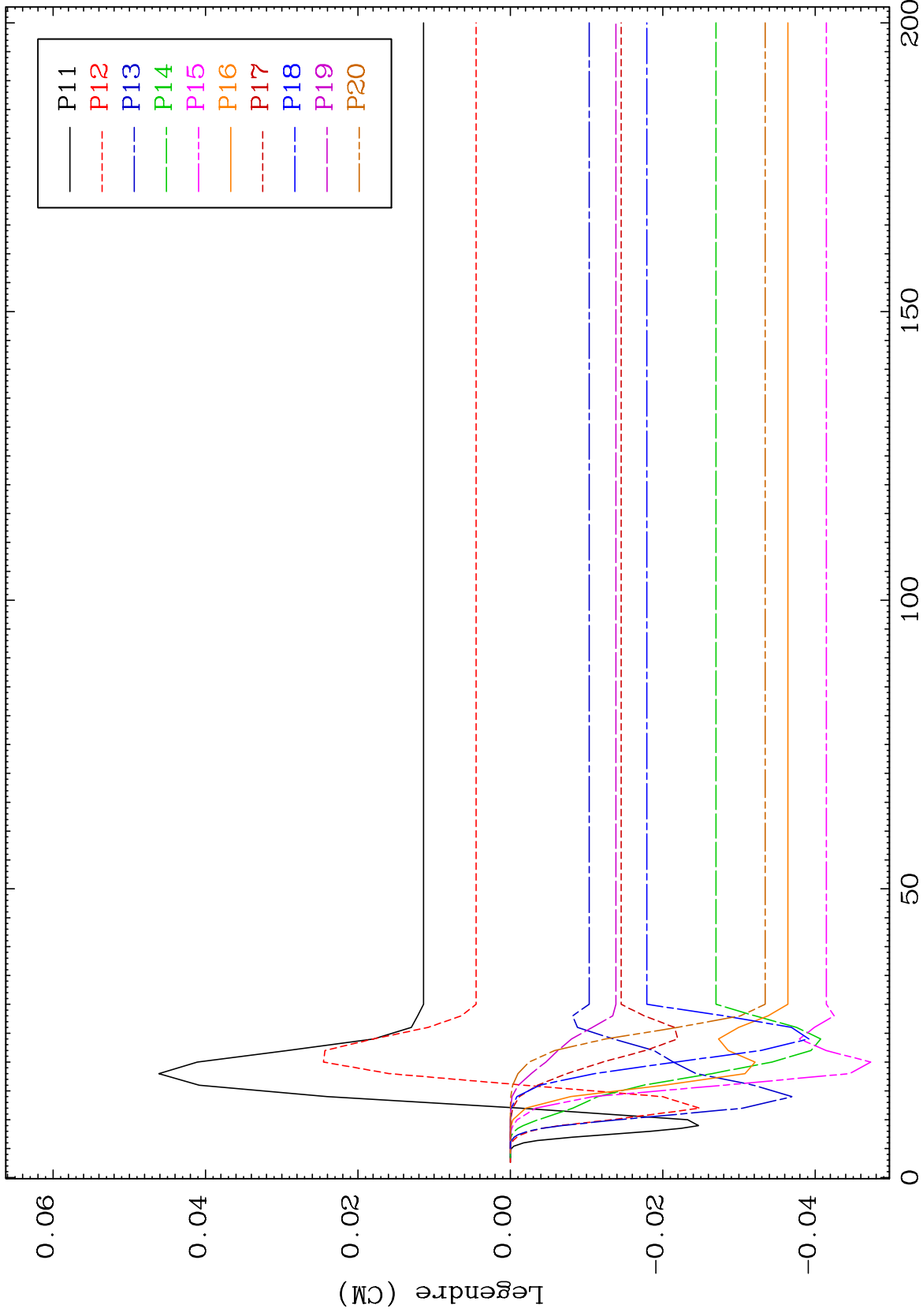
Incident Energy (MeV)

106

MAT 8131

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

81-T1-205



107

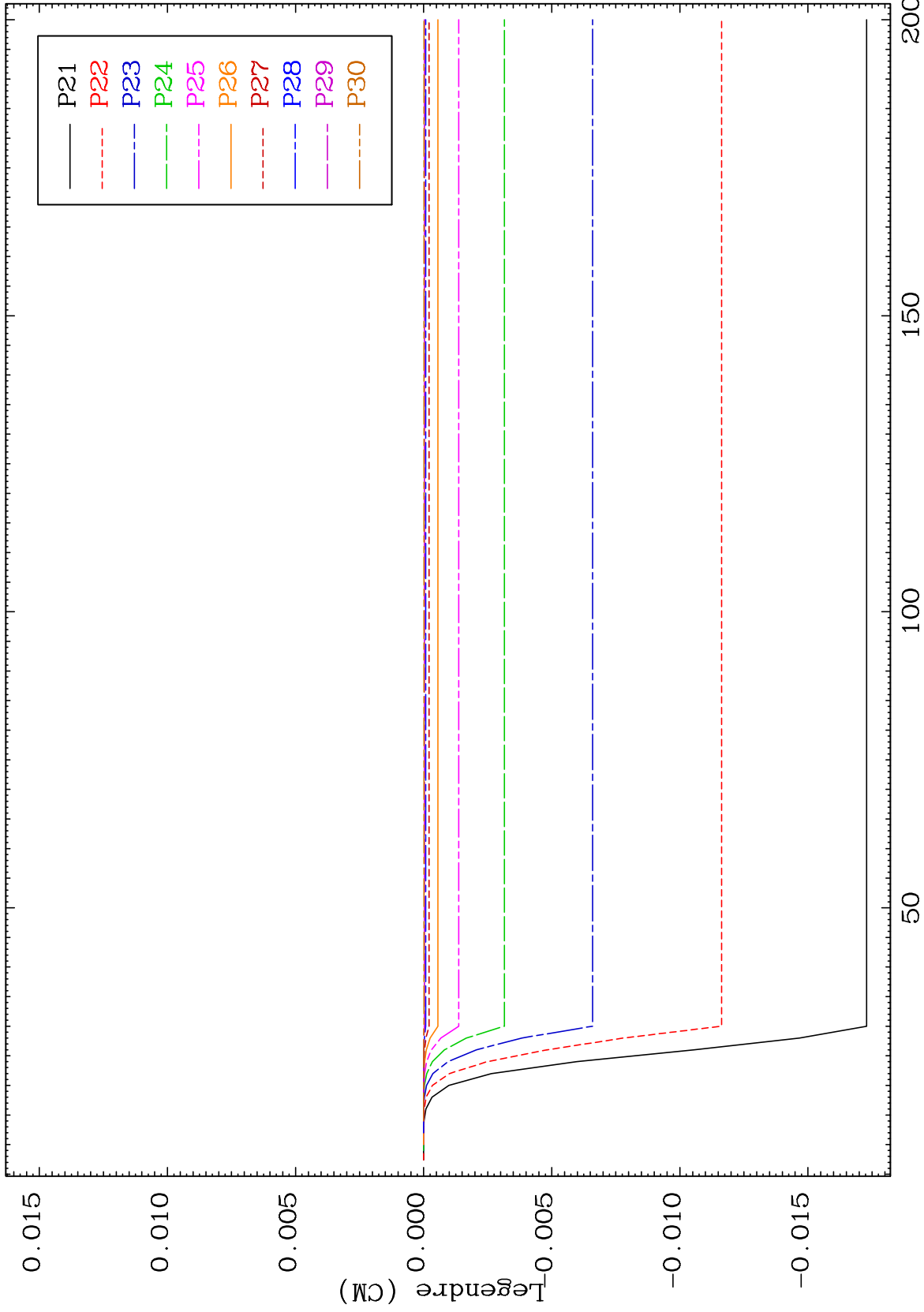
Incident Energy (MeV)

81-T1-205

MAT 8131

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

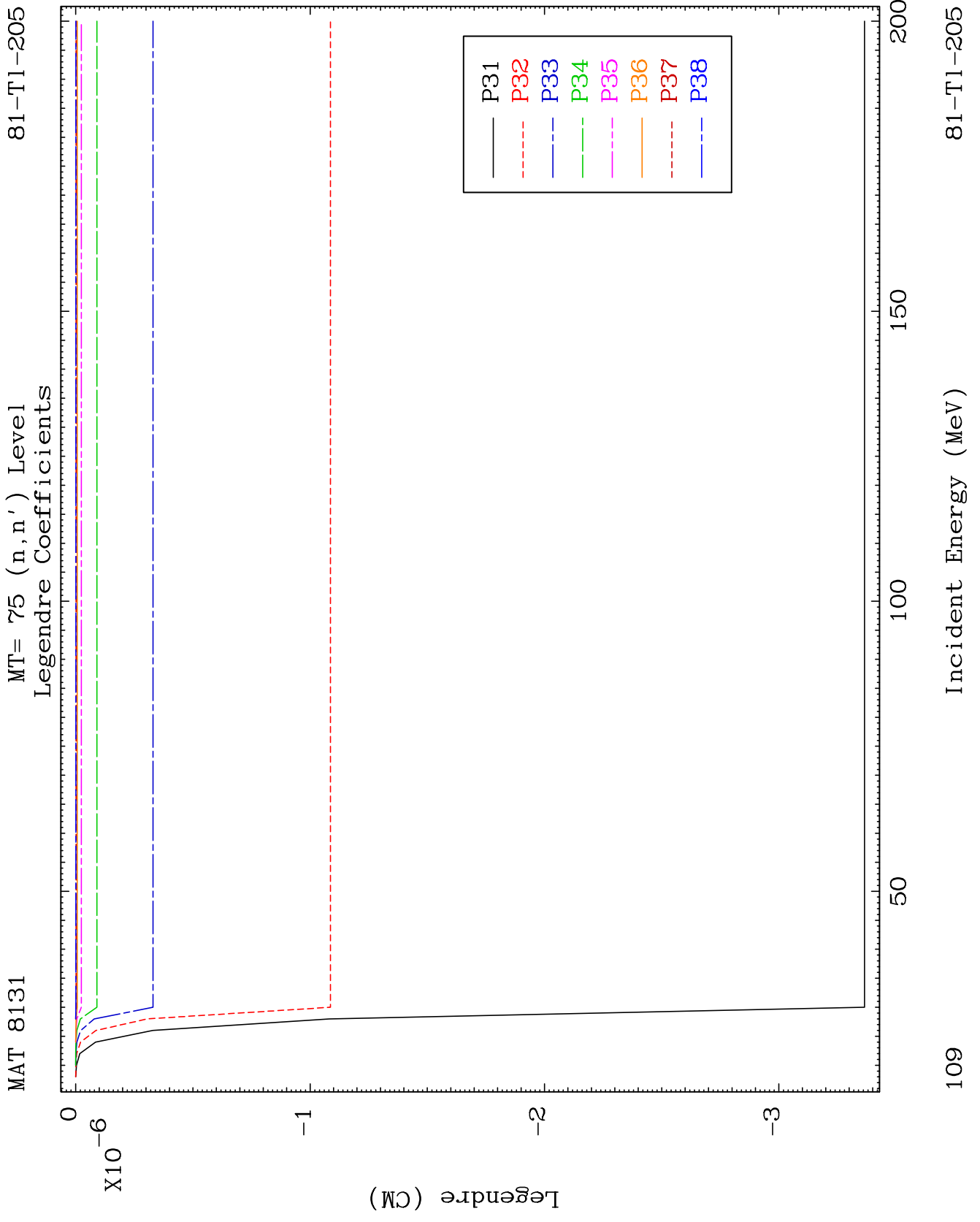
81-T1-205



108

Incident Energy (MeV)

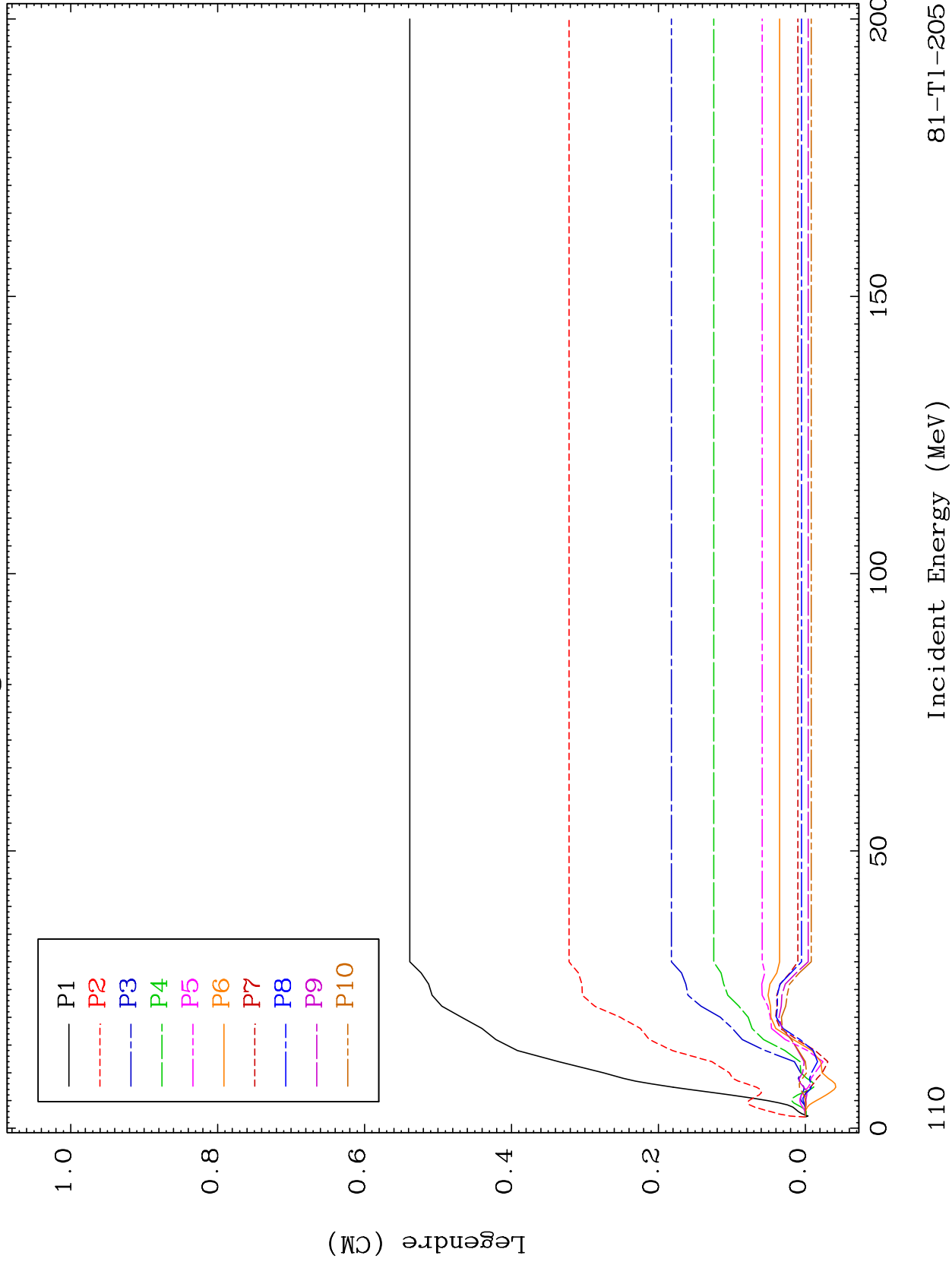
81-T1-205



MAT 8131

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

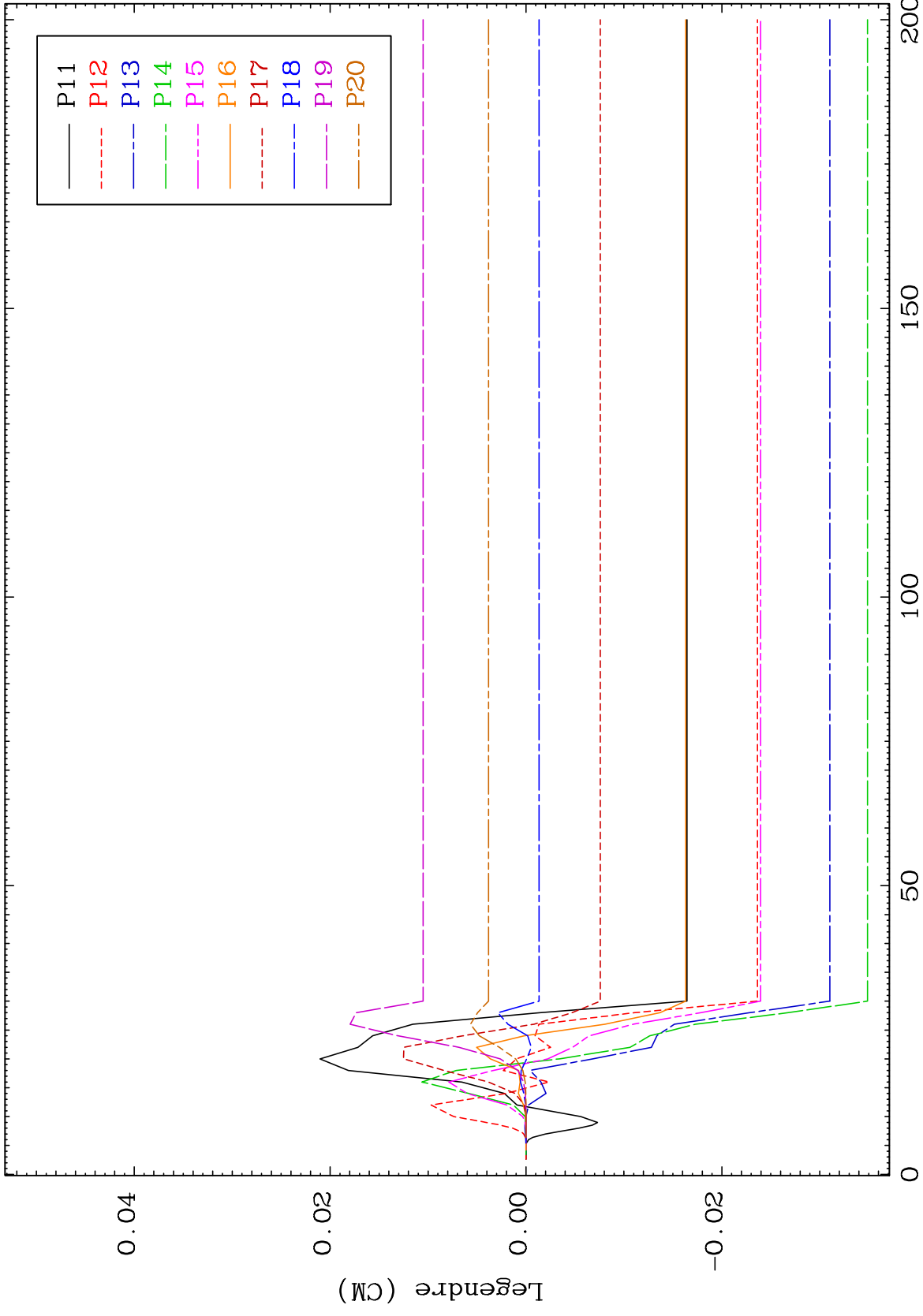
81-T1-205



MAT 8131

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

81-T1-205



111

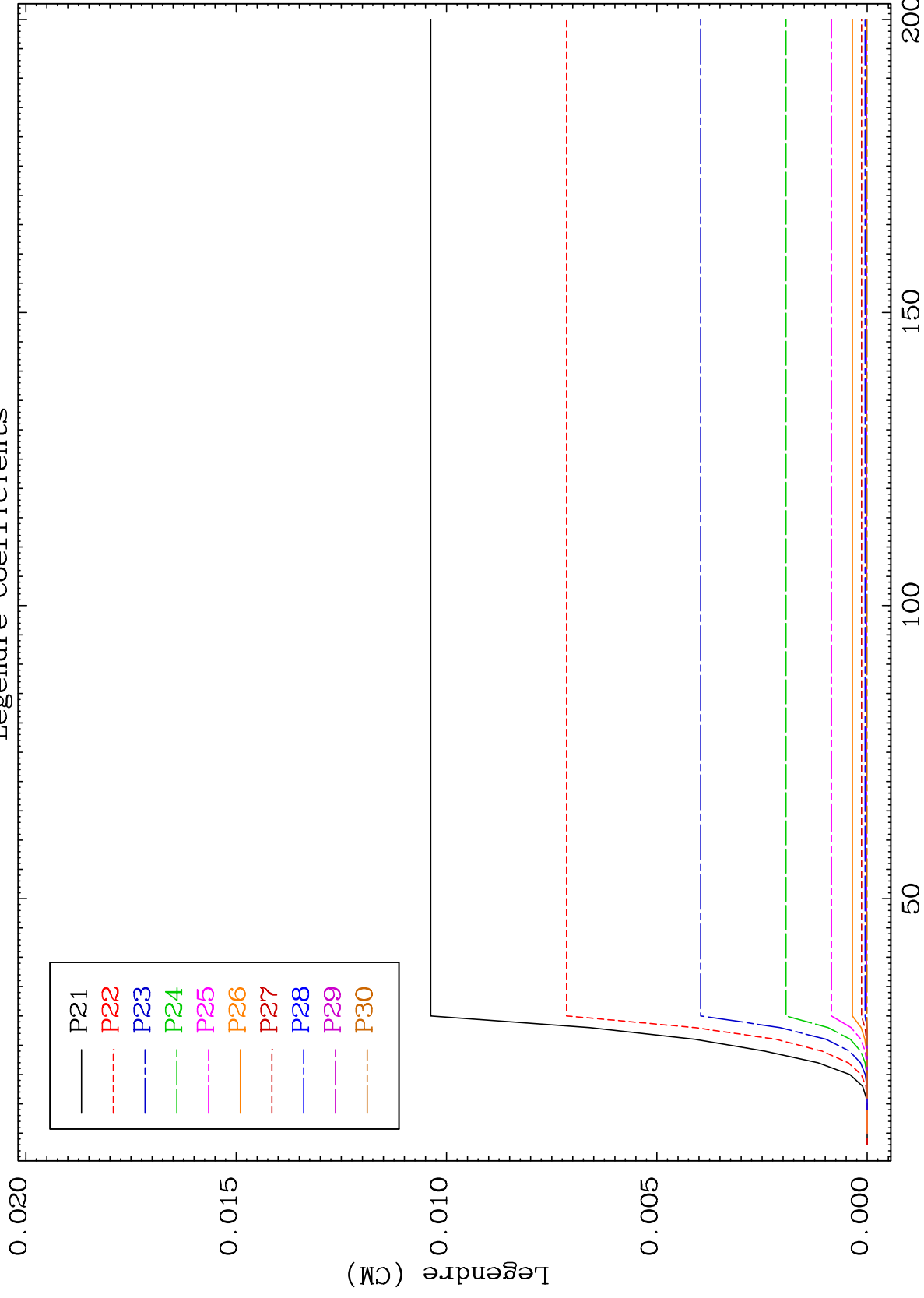
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



112

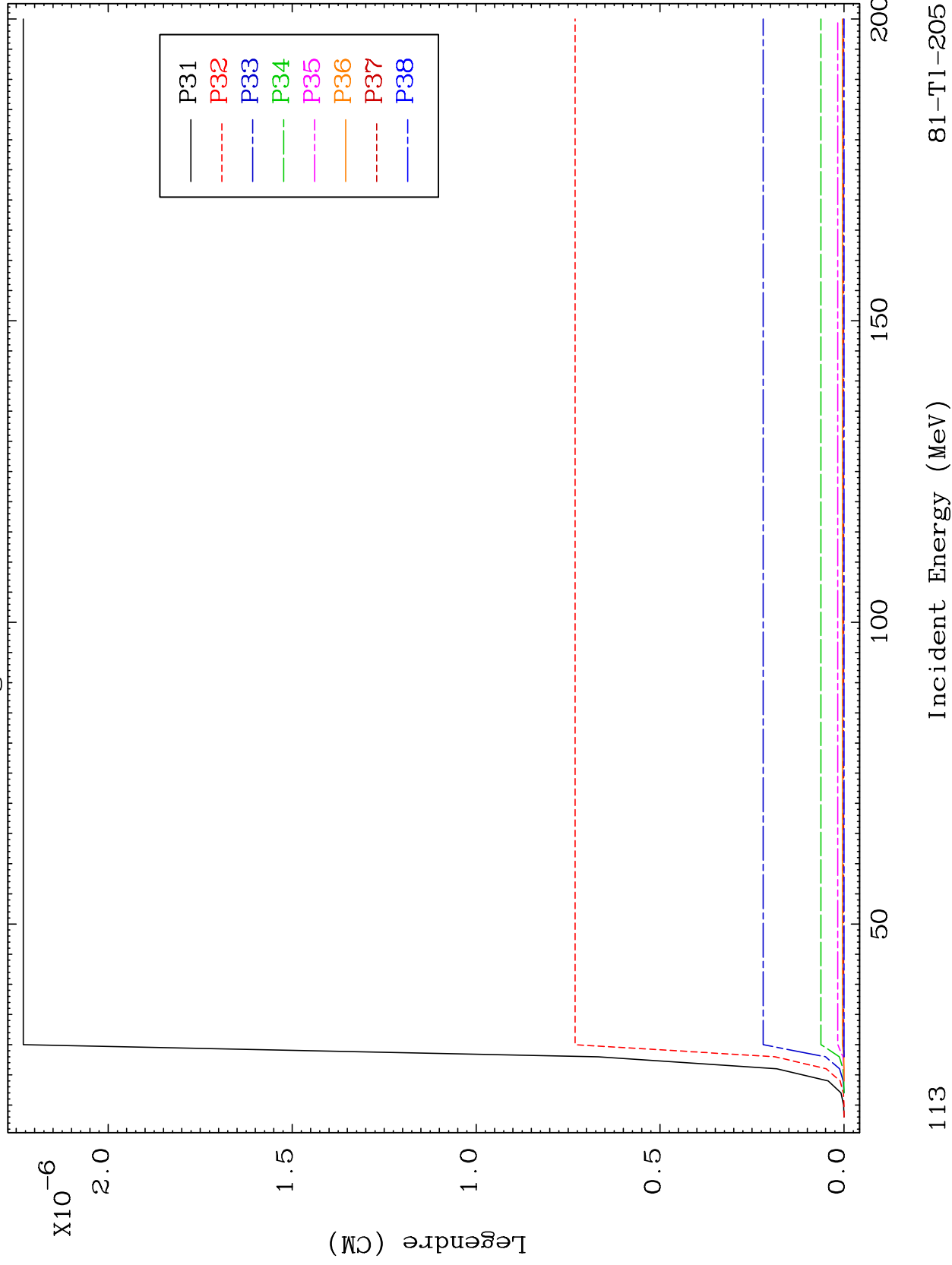
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



113

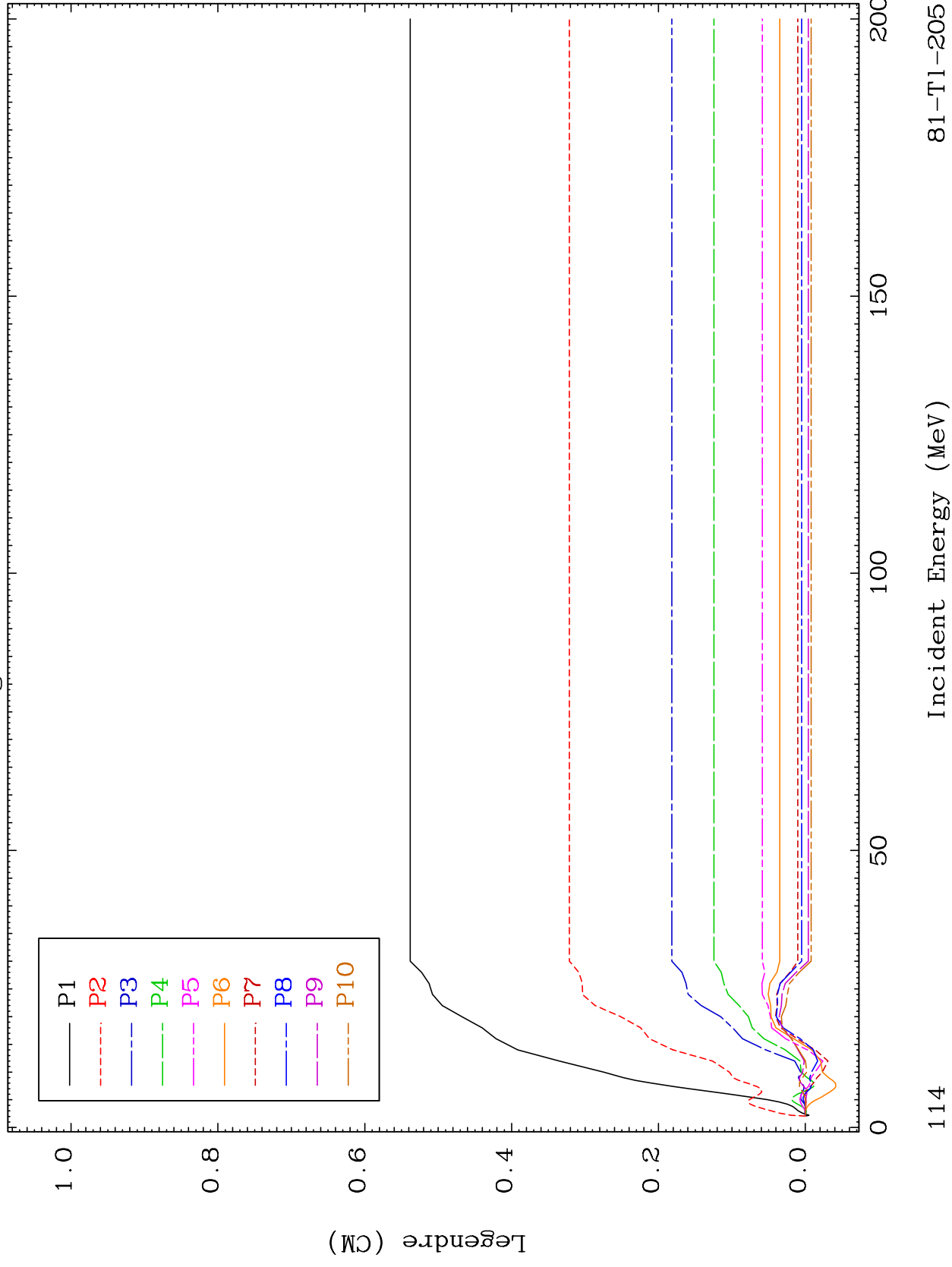
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



MAT 8131

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

81-T1-205



115

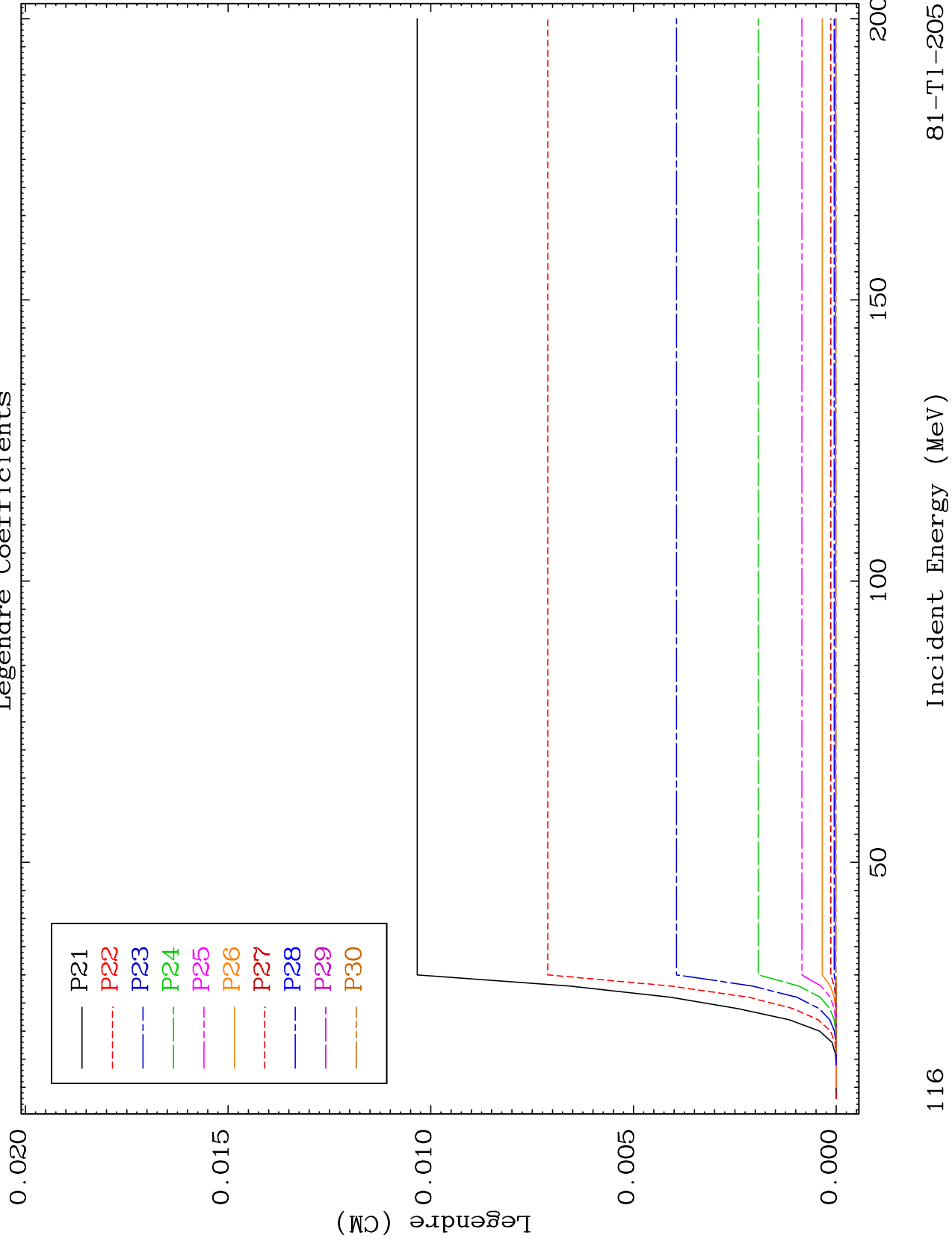
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



116

Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205

$\times 10^{-6}$
2.0

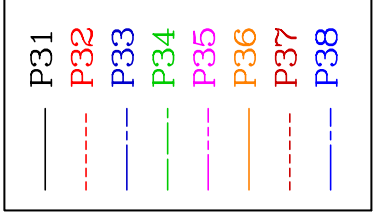
1.5

1.0

0.5

0.0

Legendre (CM)



200

150

100

50

117

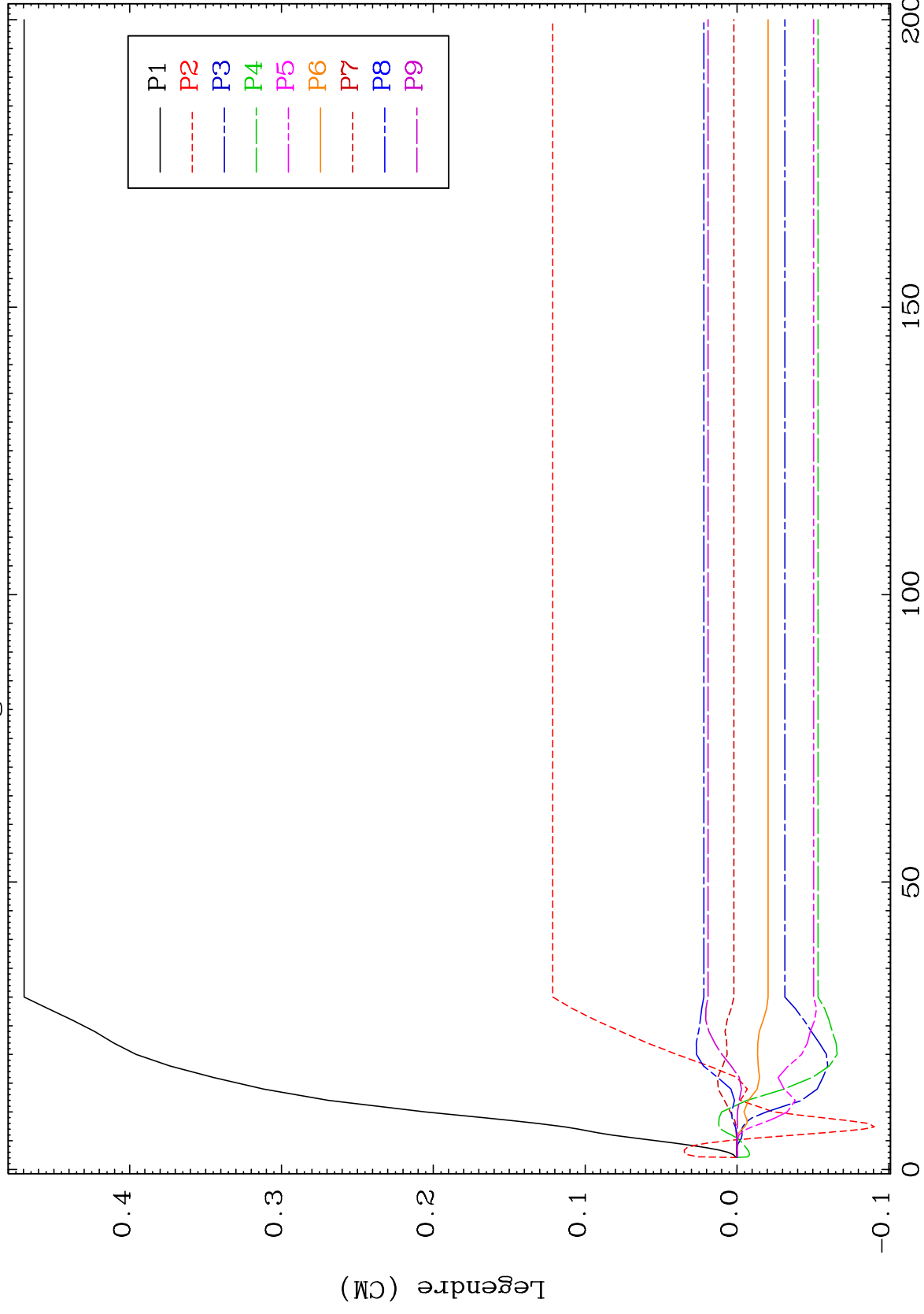
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



118

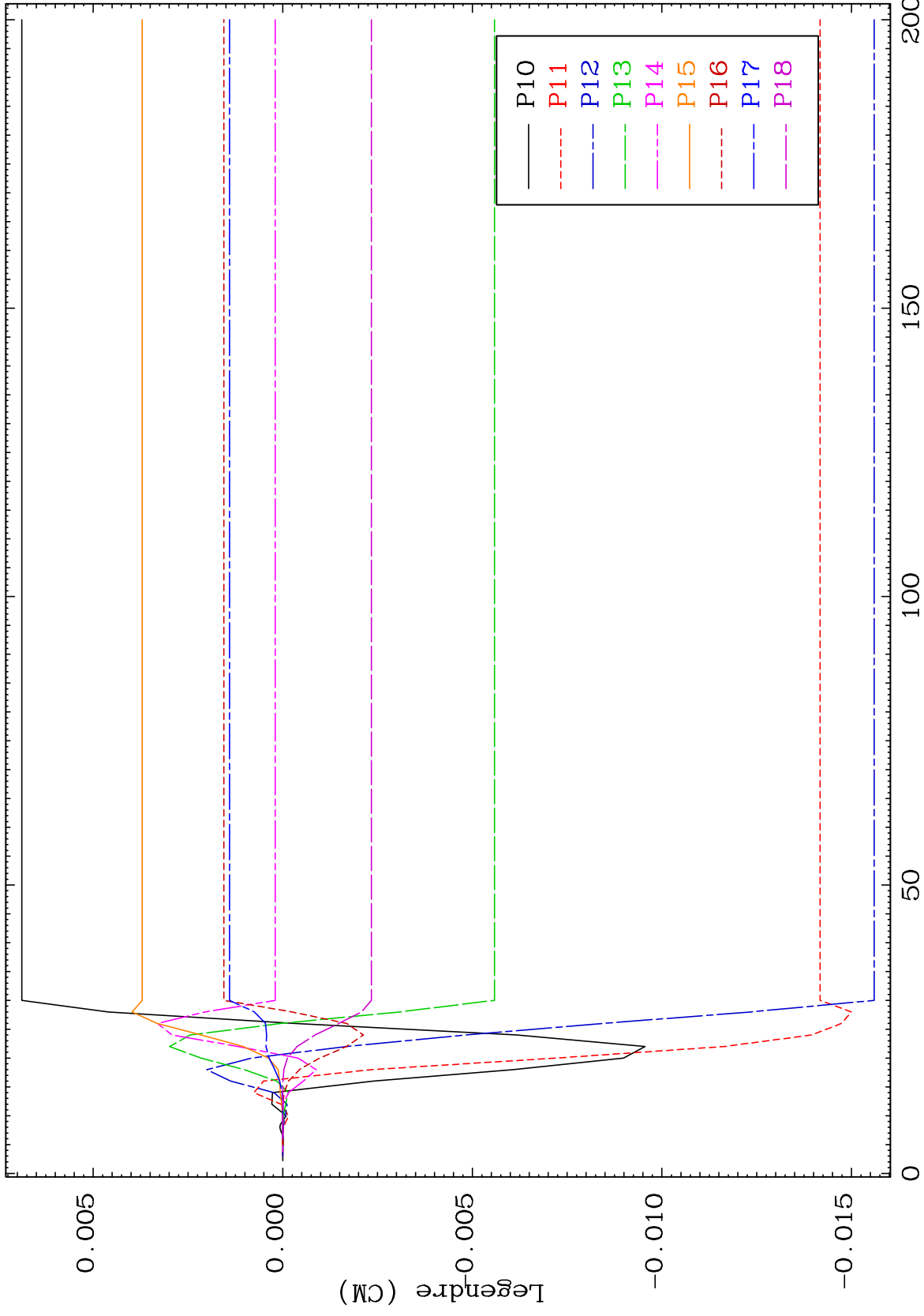
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



119

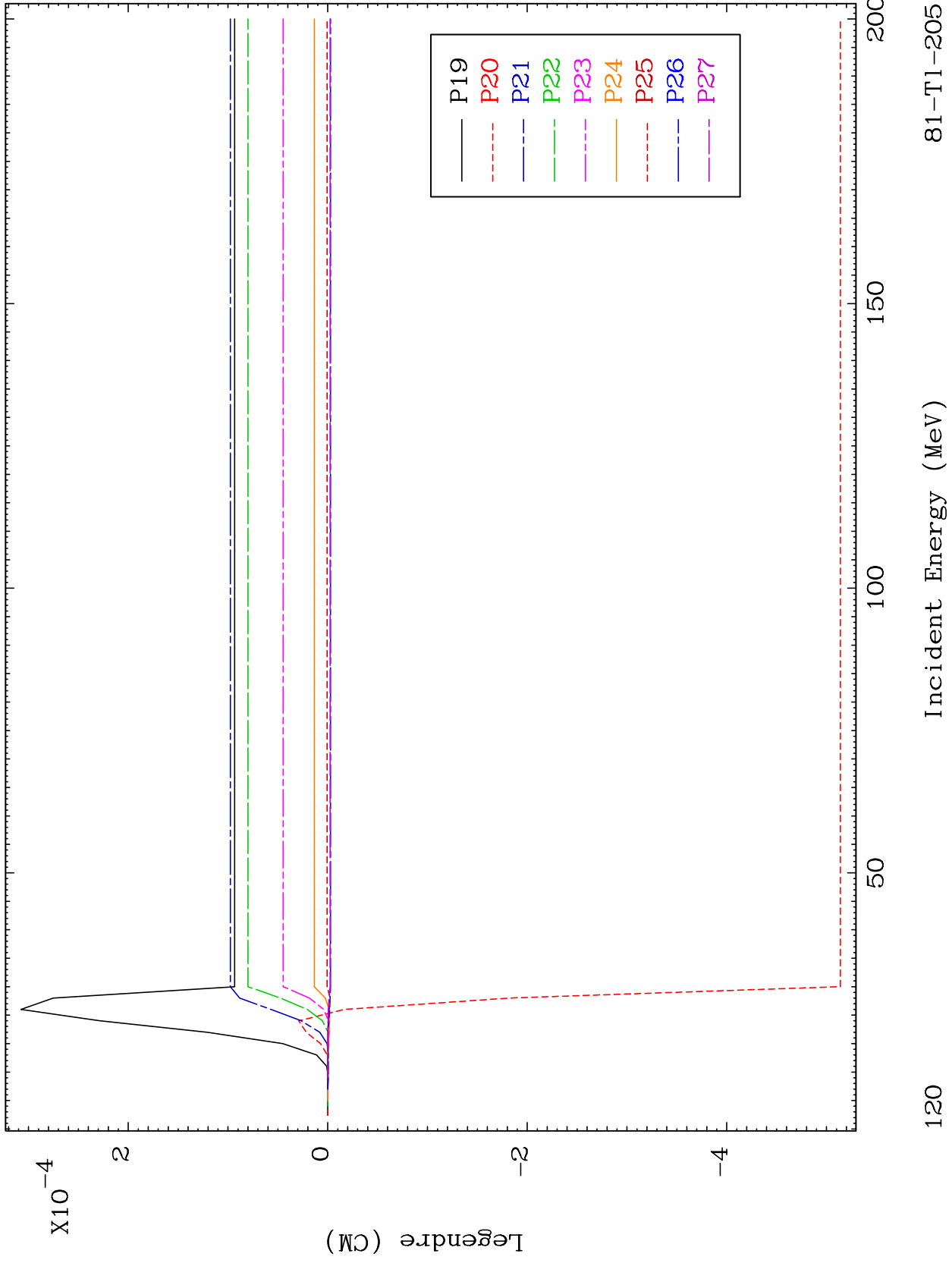
Incident Energy (MeV)

81-T1-205

MAT 8131

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

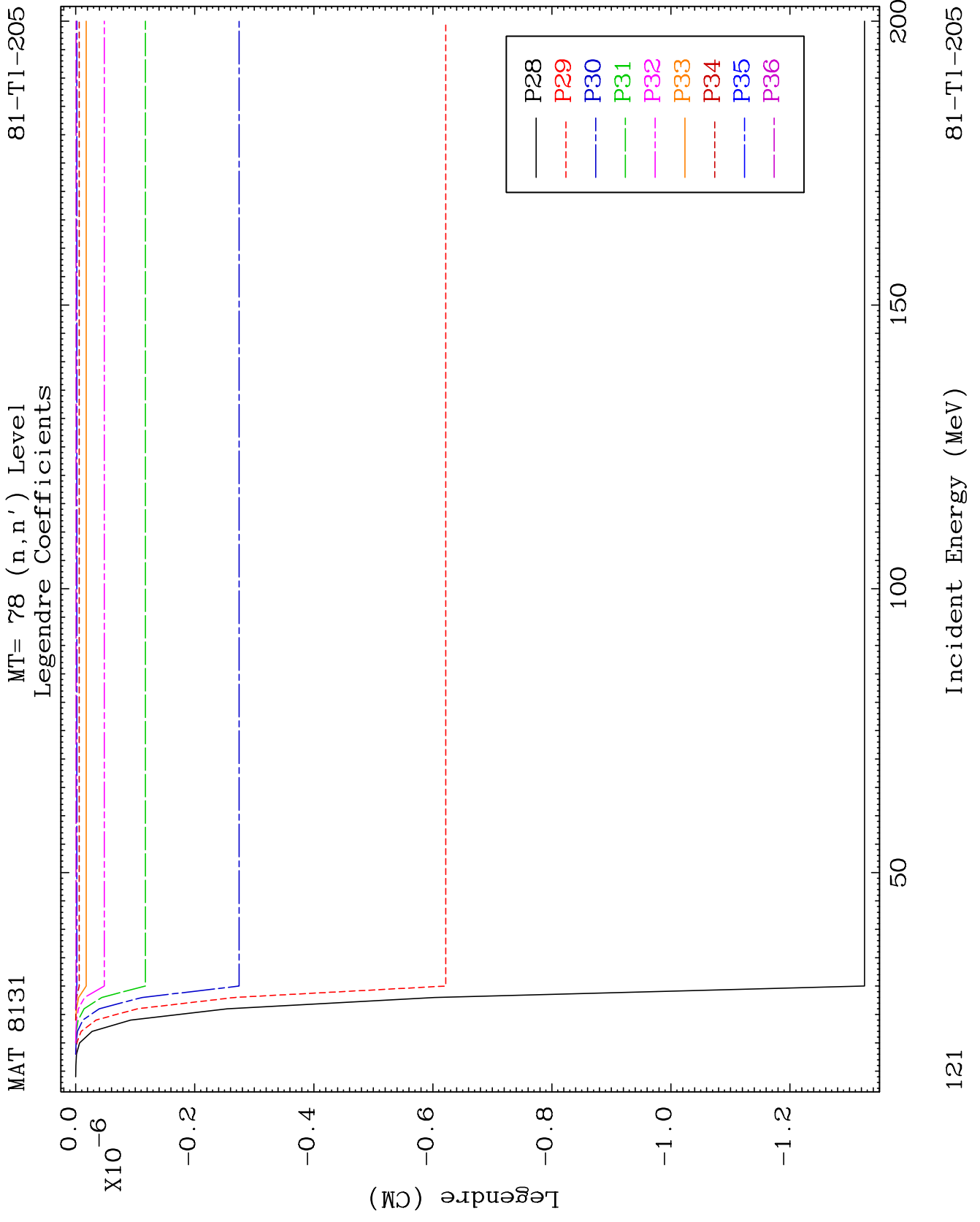
81-T1-205



120

Incident Energy (MeV)

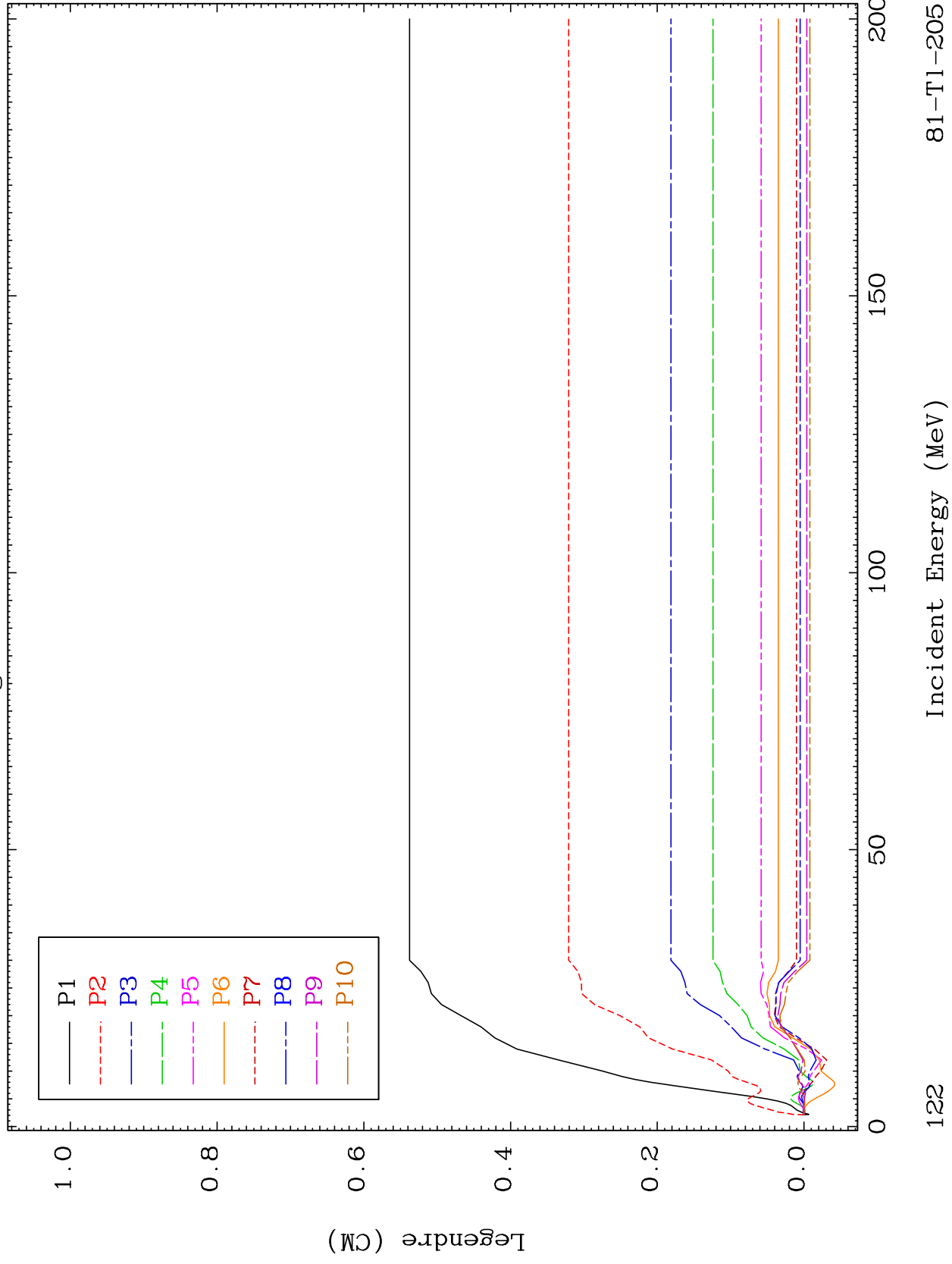
81-T1-205



MAT 8131

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

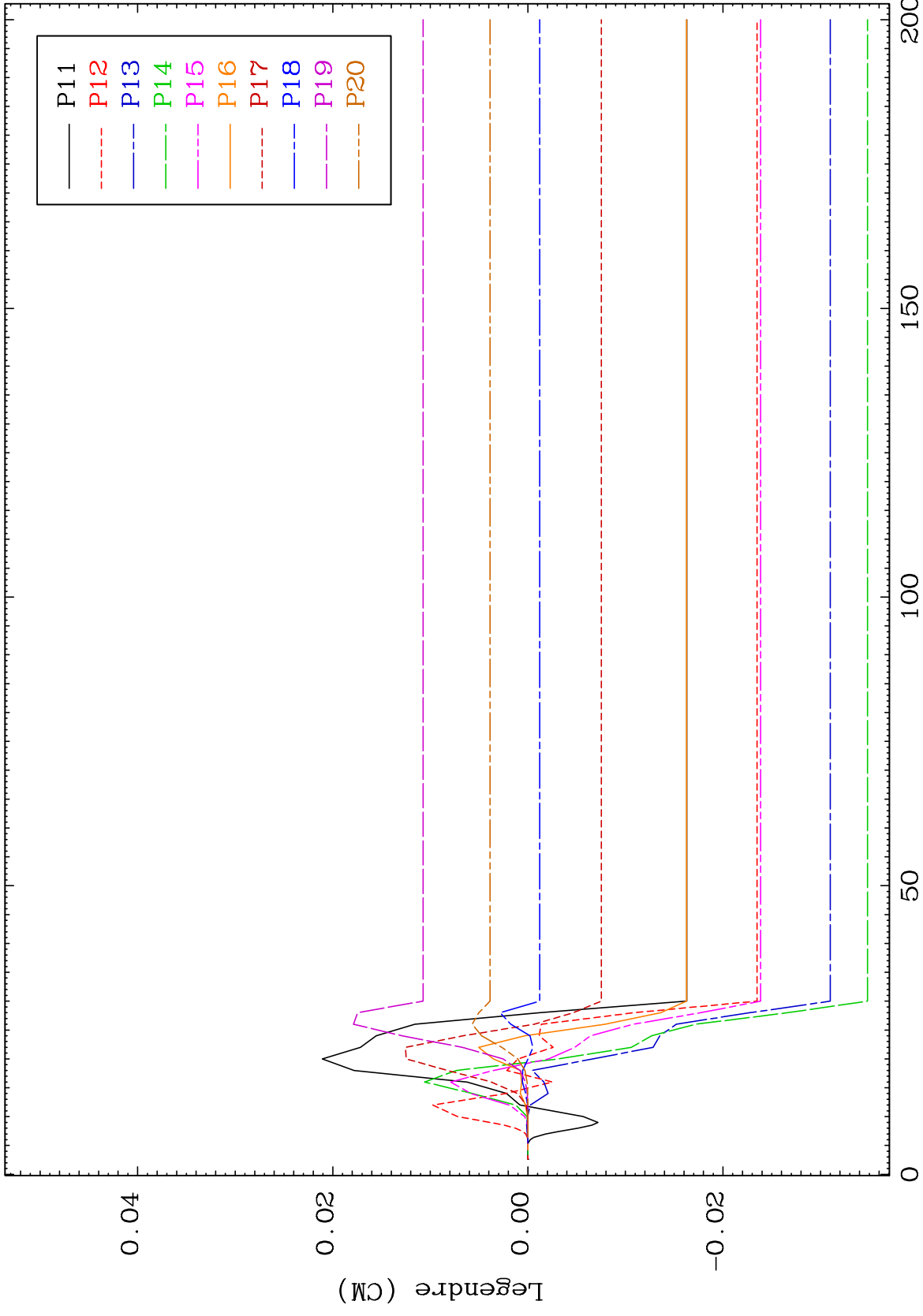
81-T1-205



MAT 8131

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

81-T1-205



123

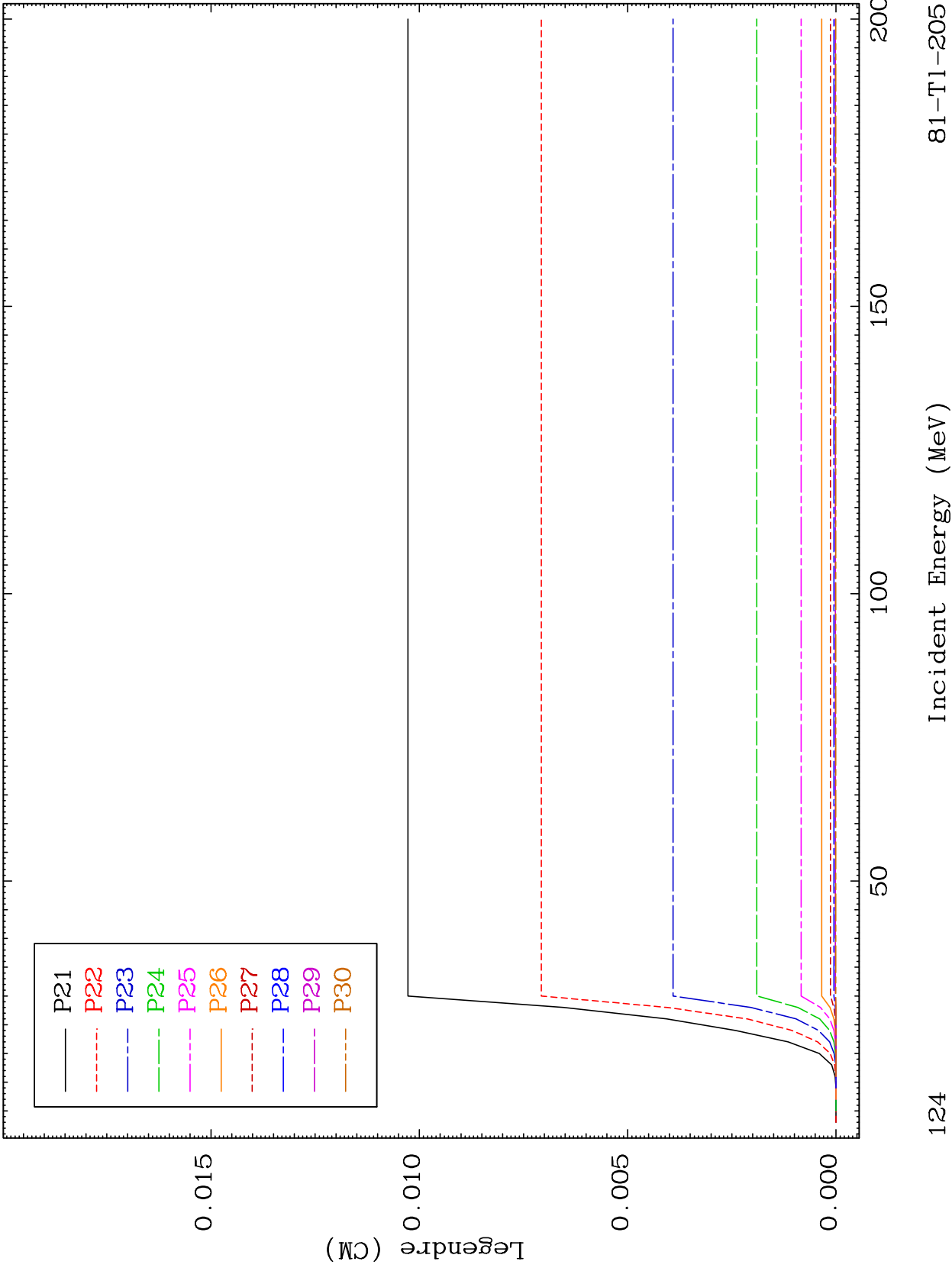
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-Tl-205



124

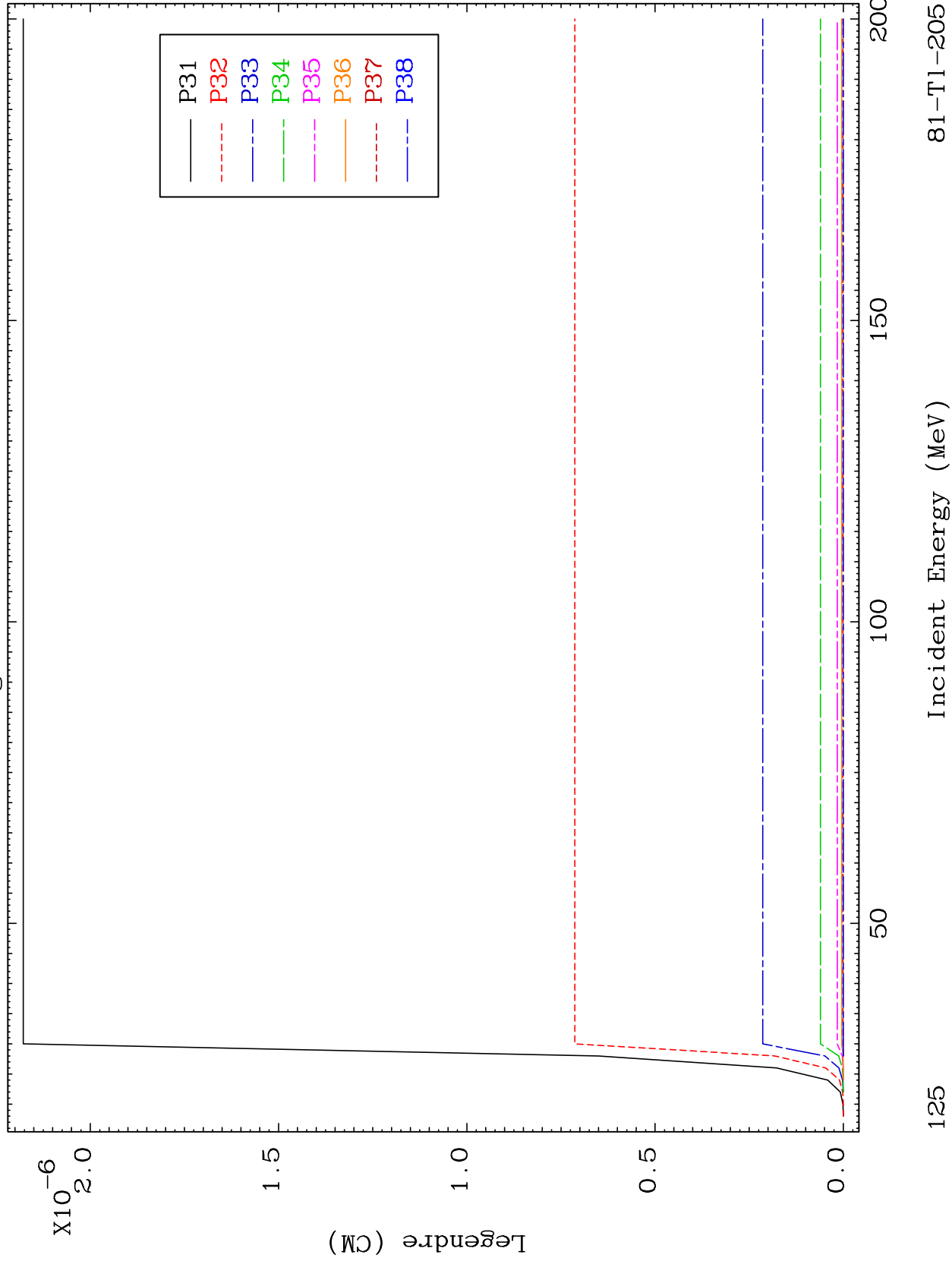
Incident Energy (MeV)

81-Tl-205

MAT 8131

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

81-T1-205

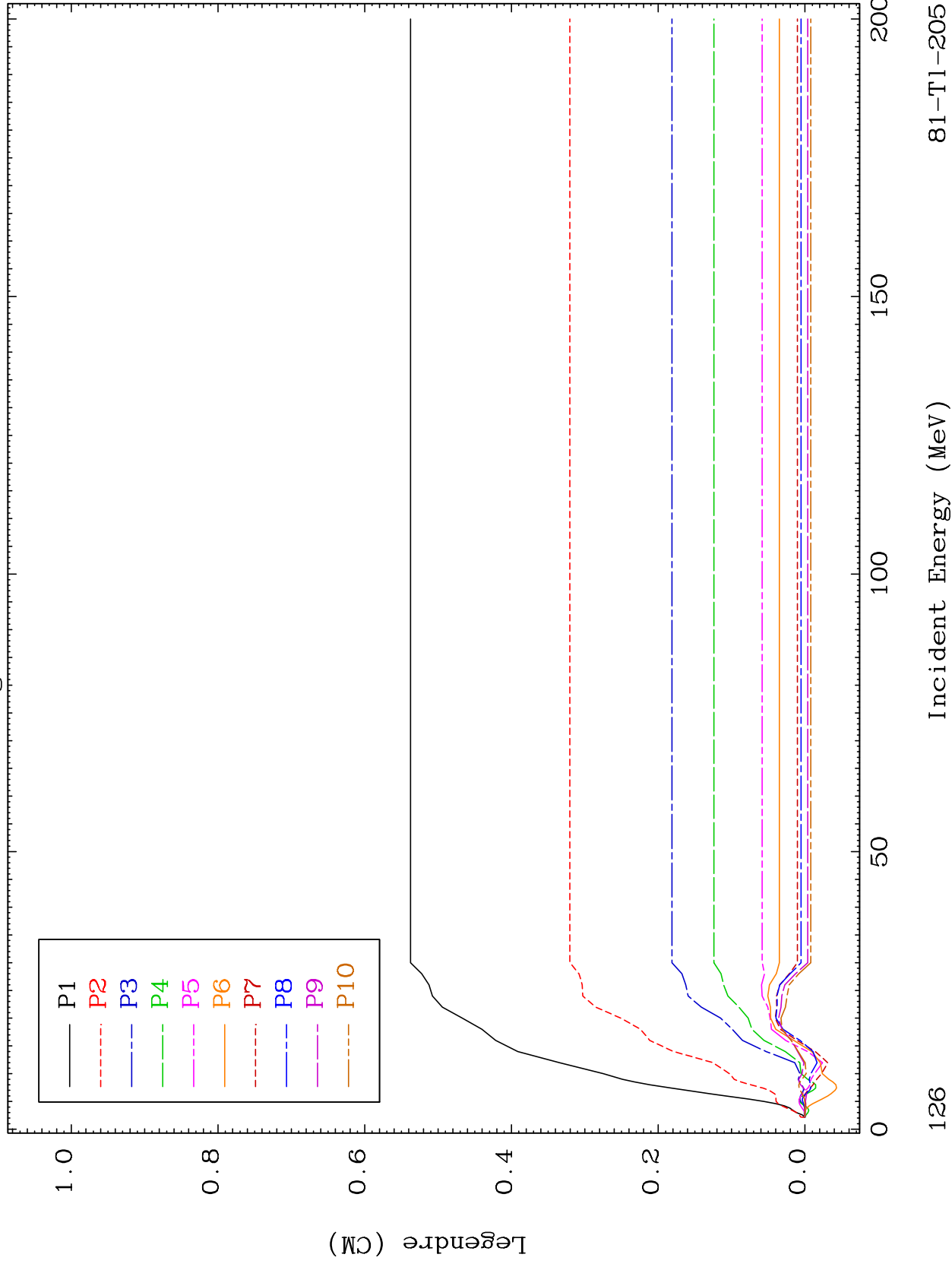


81-T1-205

MAT 8131

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

81-T1-205



126

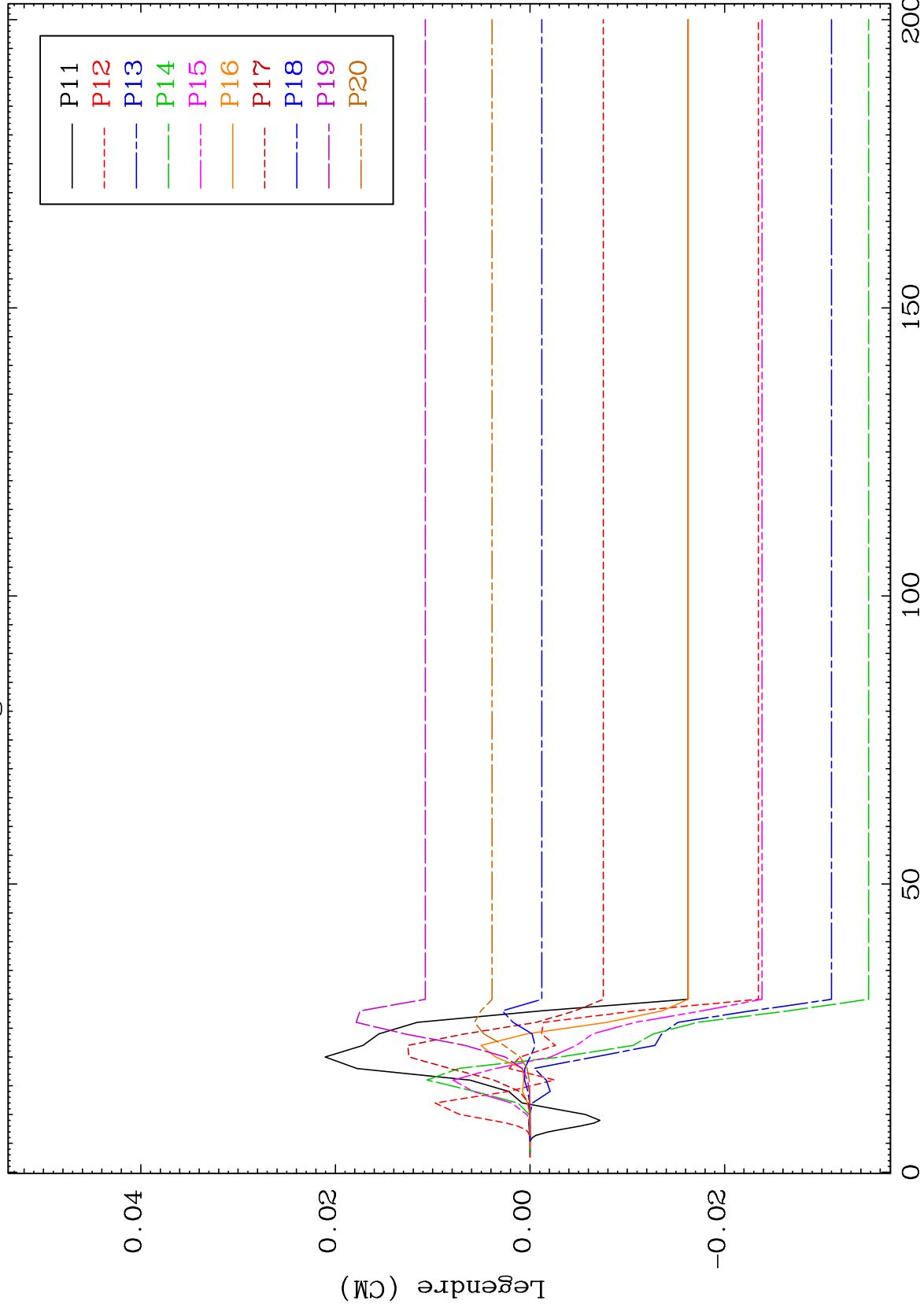
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



127

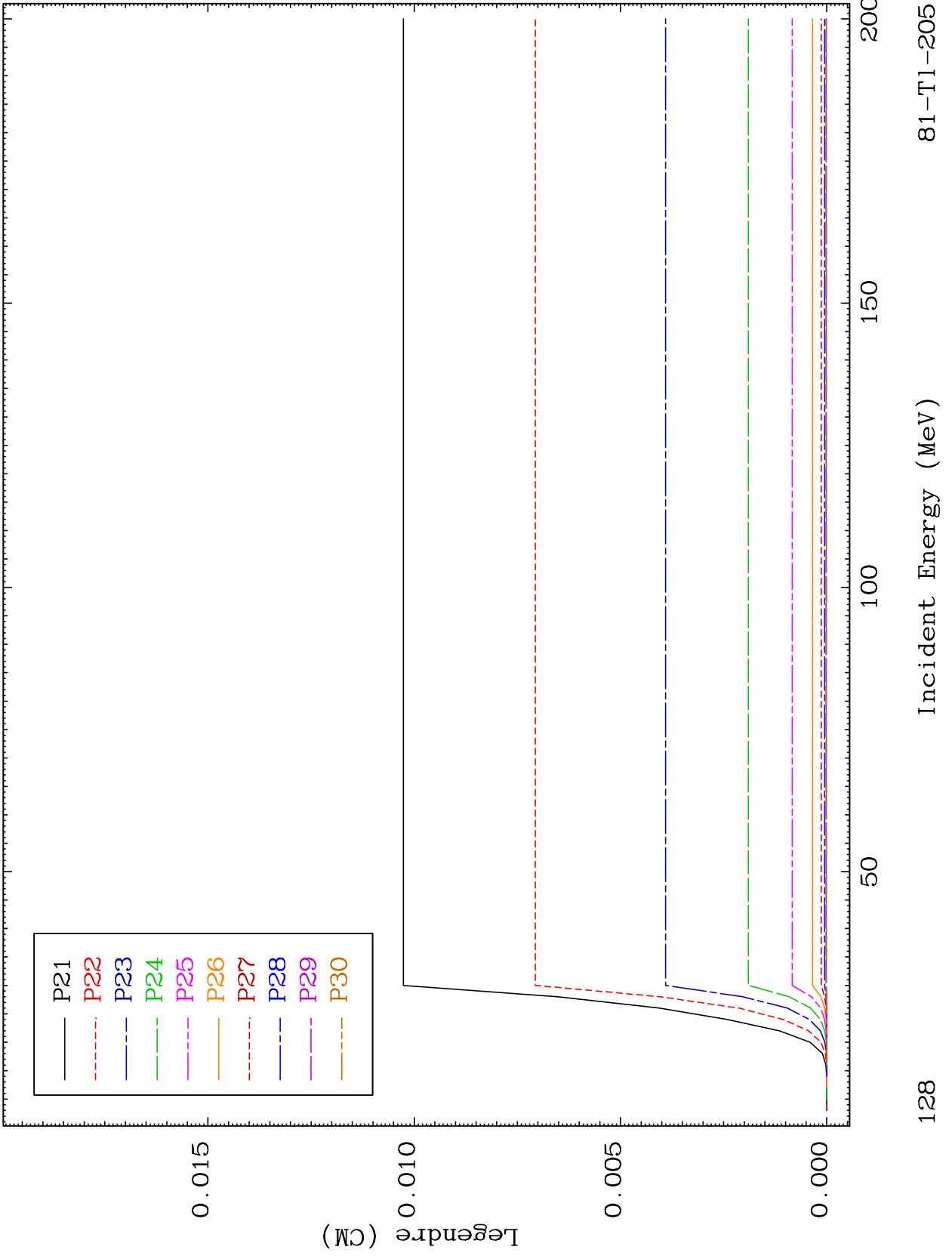
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-Tl-205



128

Incident Energy (MeV)

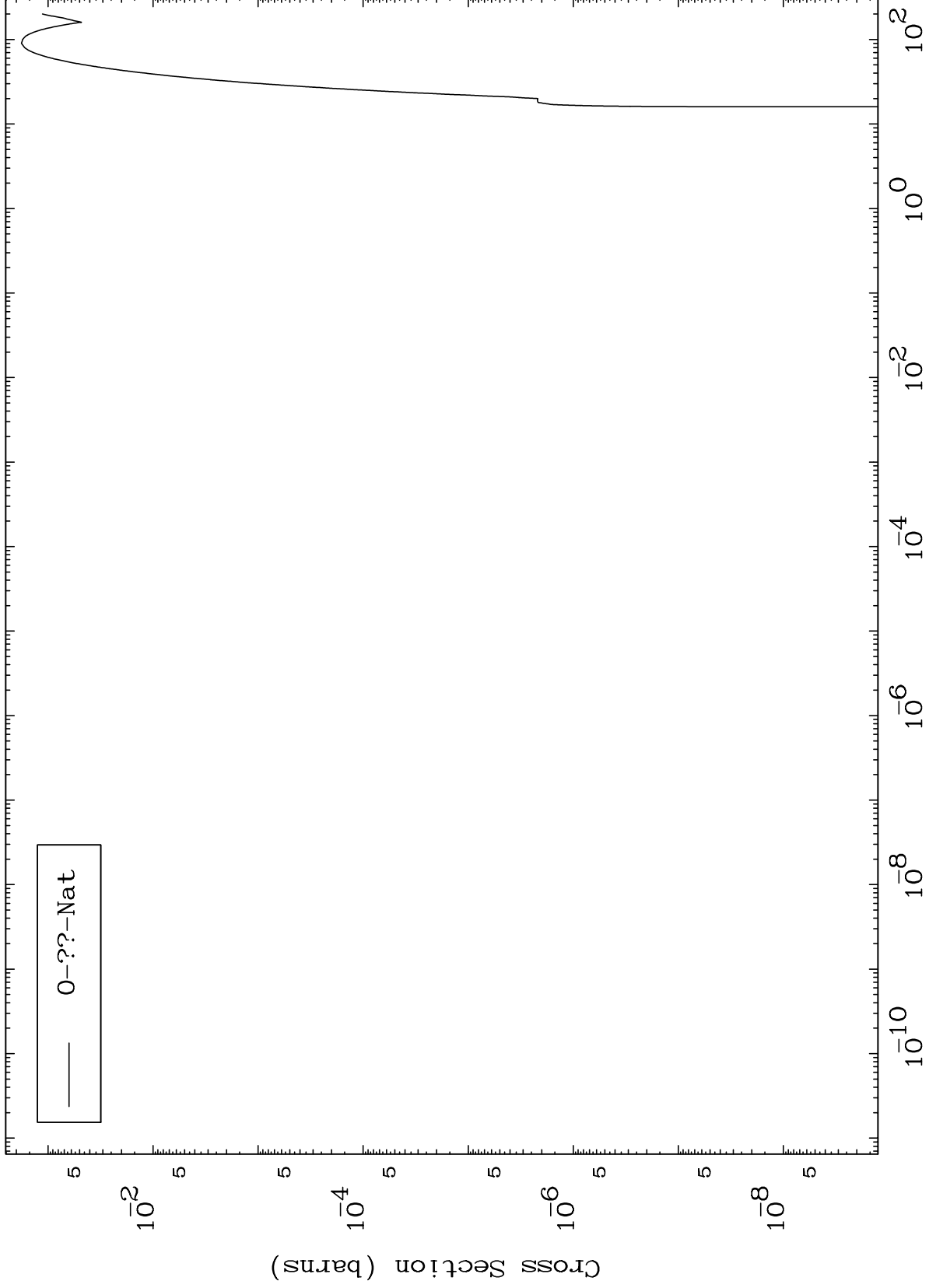
81-Tl-205

MAT 8131

Fission

81-Tl-205

Radionuclide Production Cross Section

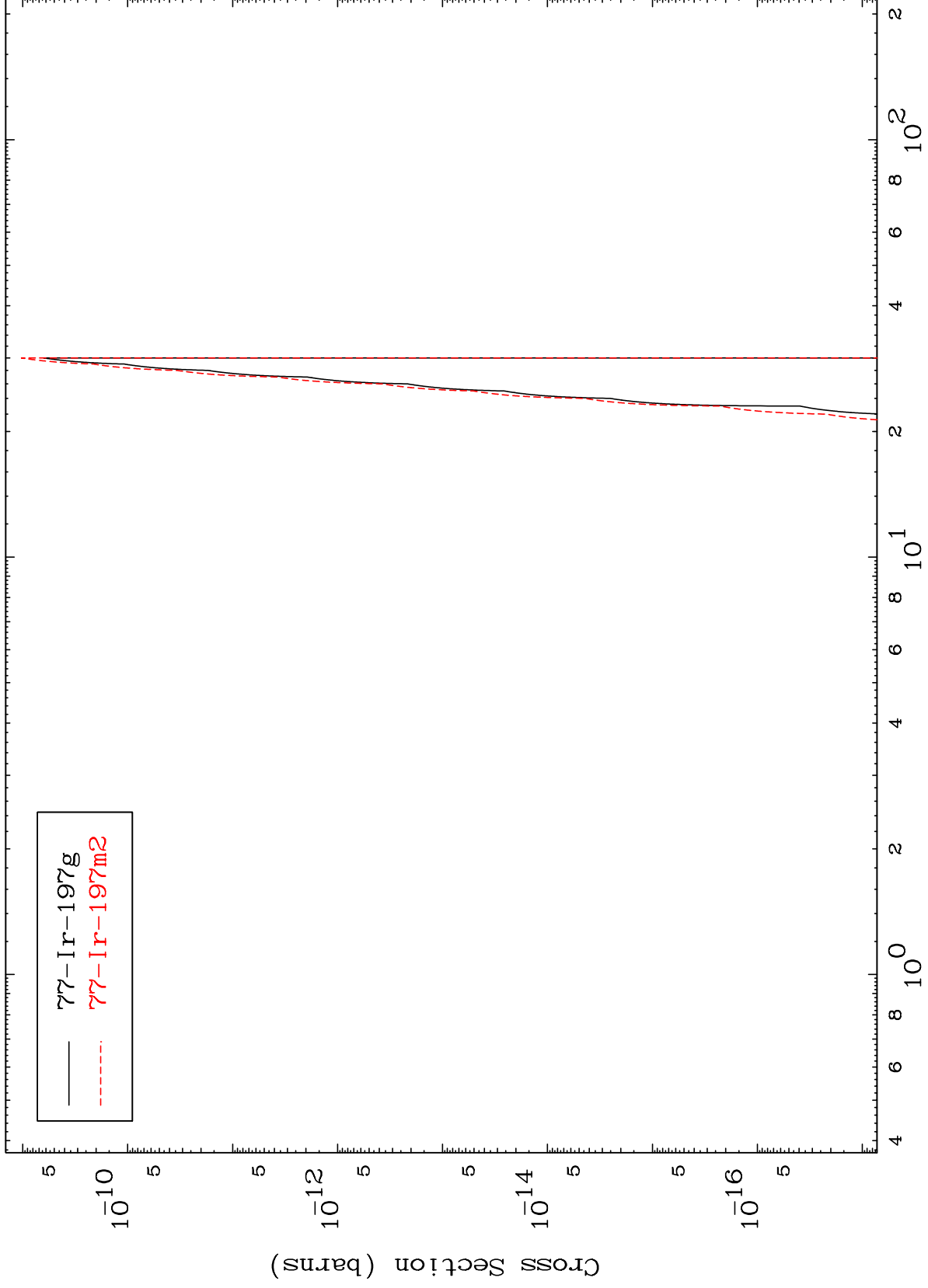


MAT 8131

(n,n') 2α

81-Tl-205

Radionuclide Production Cross Section



131

Incident Energy (MeV)

81-Tl-205