

Program EVALPLOT
(Version 2018-1)

by

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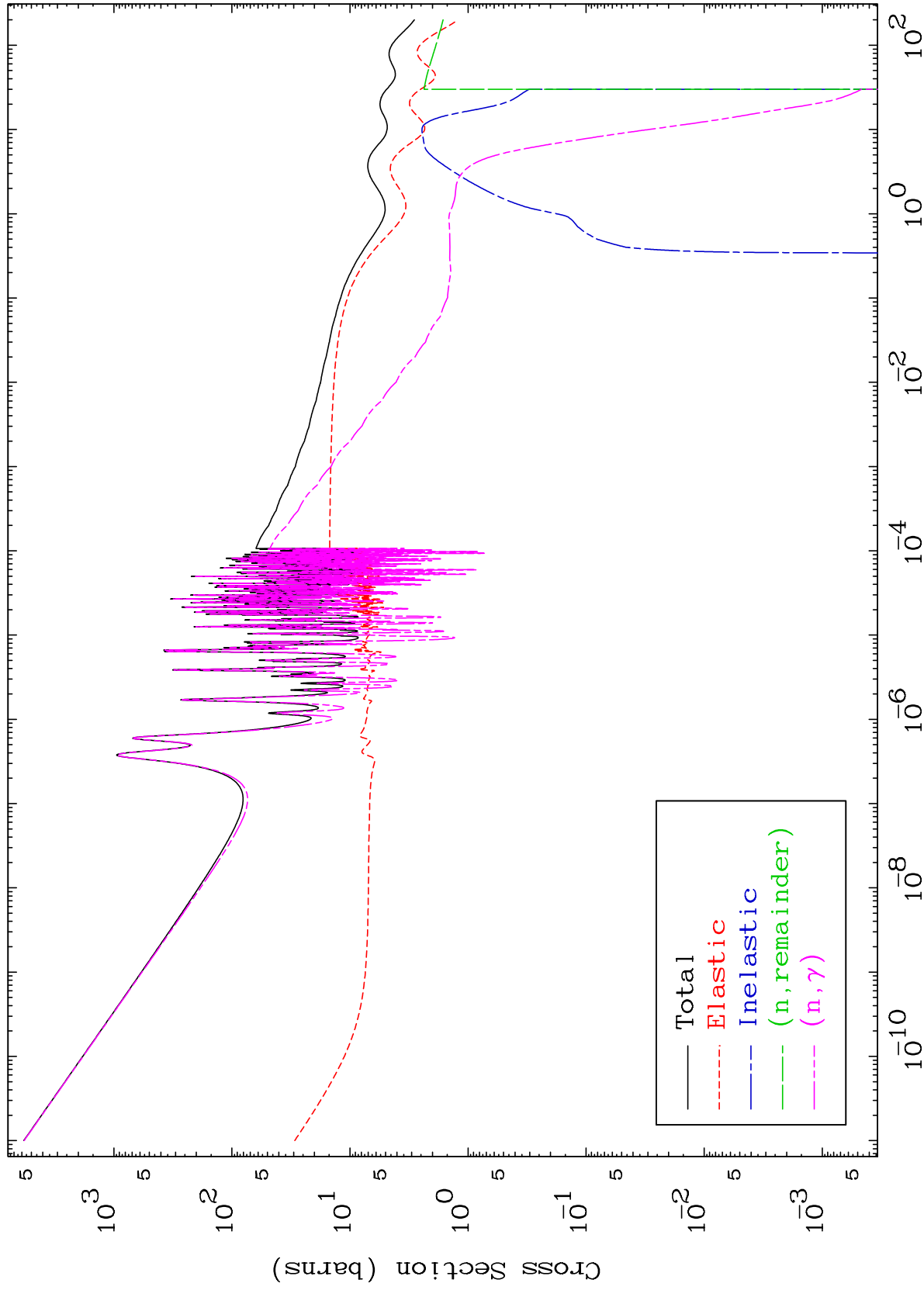
Press Mouse Button to Start

MAT 8089

Major

293 Kelvin Cross Sections

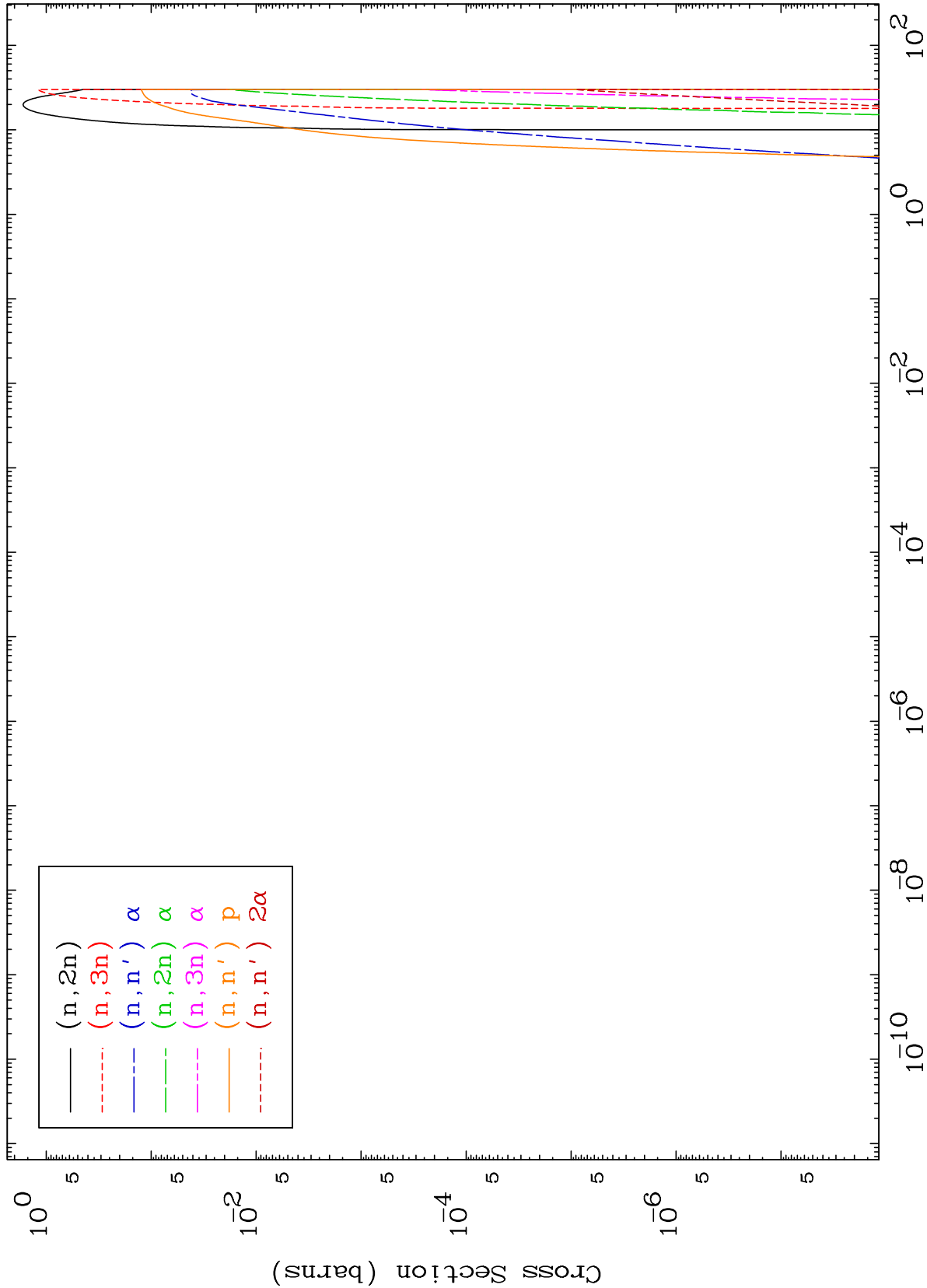
81-Tl-191



MAT 8089

Neutron Production
293 Kelvin Cross Sections

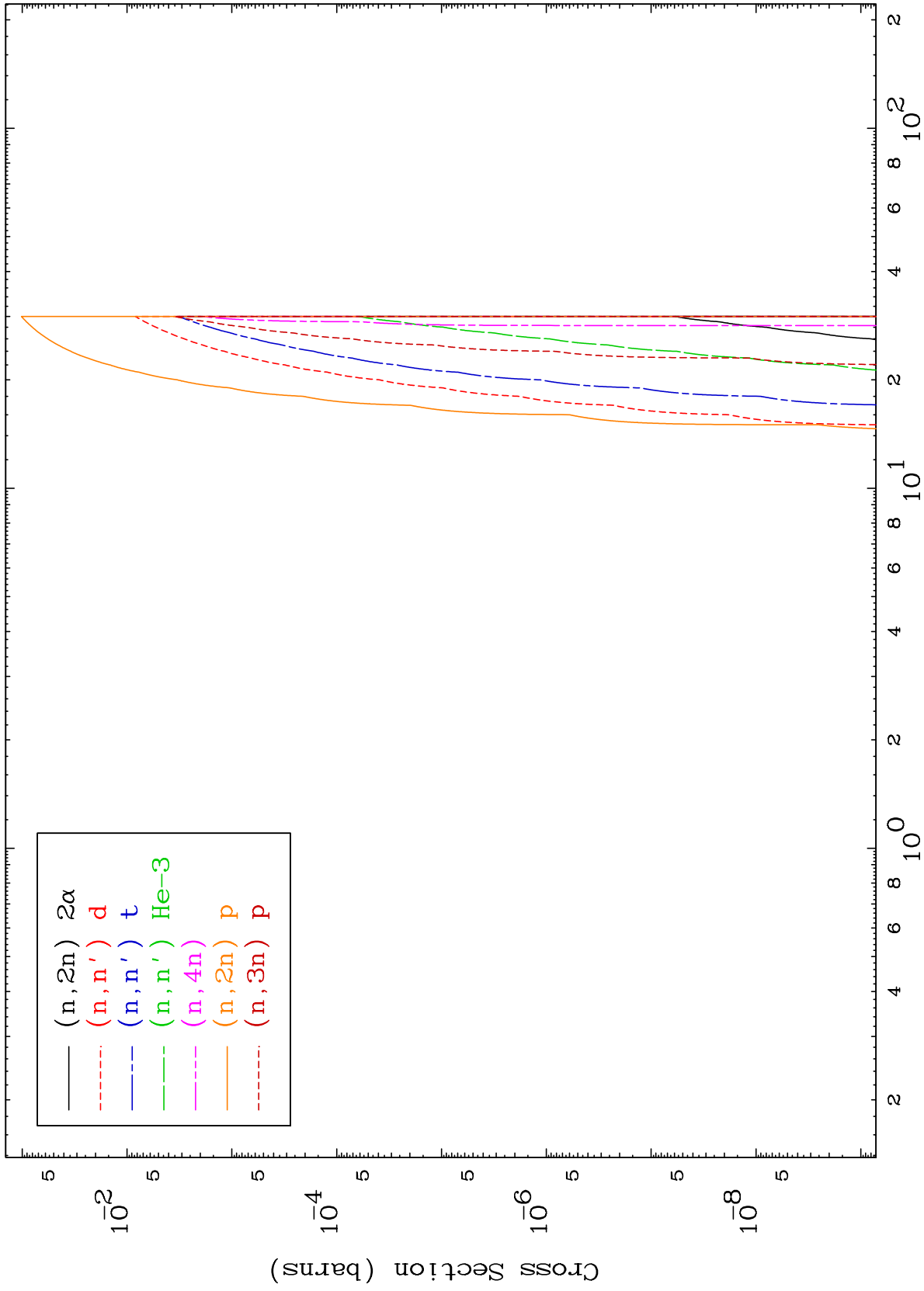
81-Tl-191



MAT 8089

Neutron Production
293 Kelvin Cross Sections

81-Tl-191



3

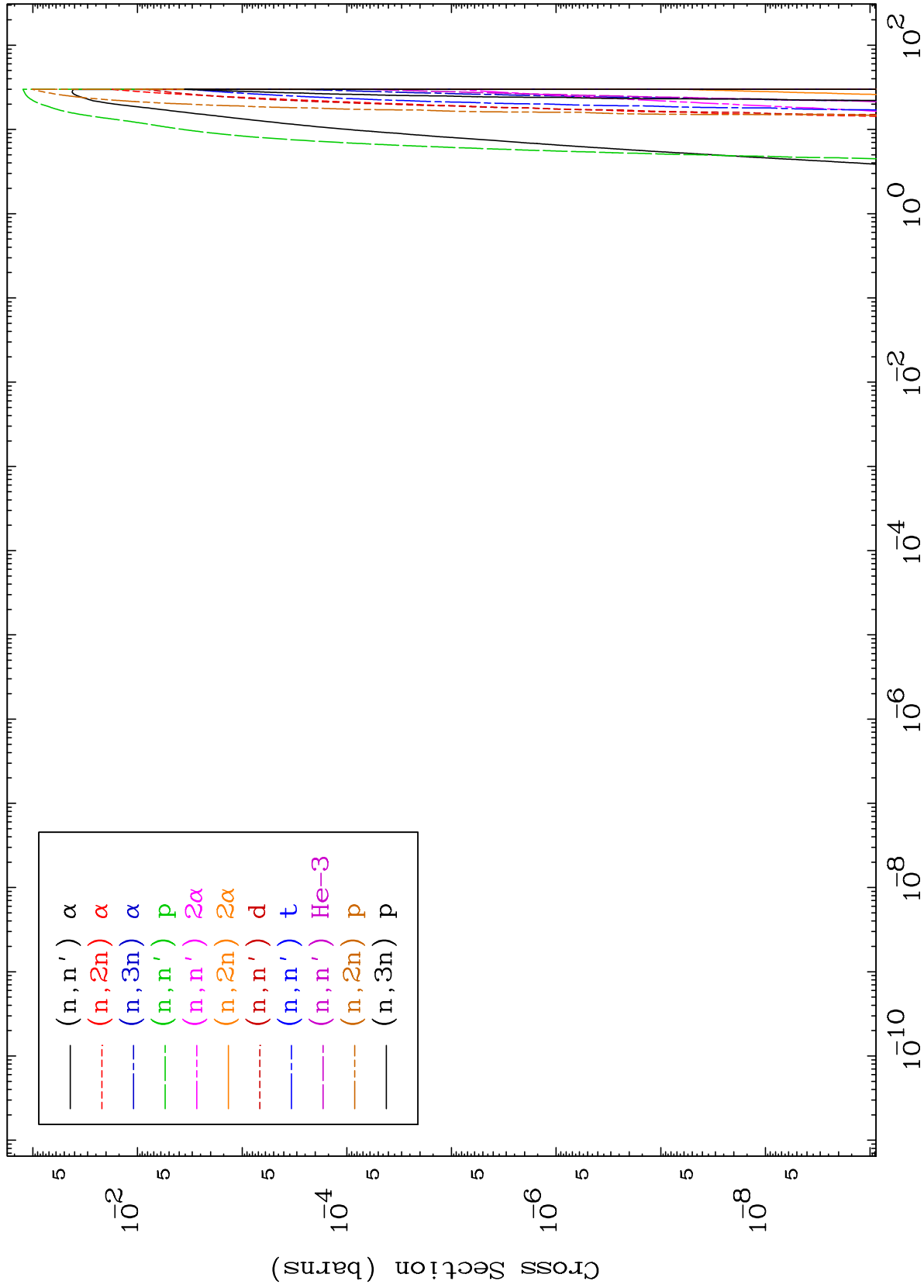
Incident Energy (MeV)

81-Tl-191

MAT 8089

Charged Particle
293 Kelvin Cross Sections

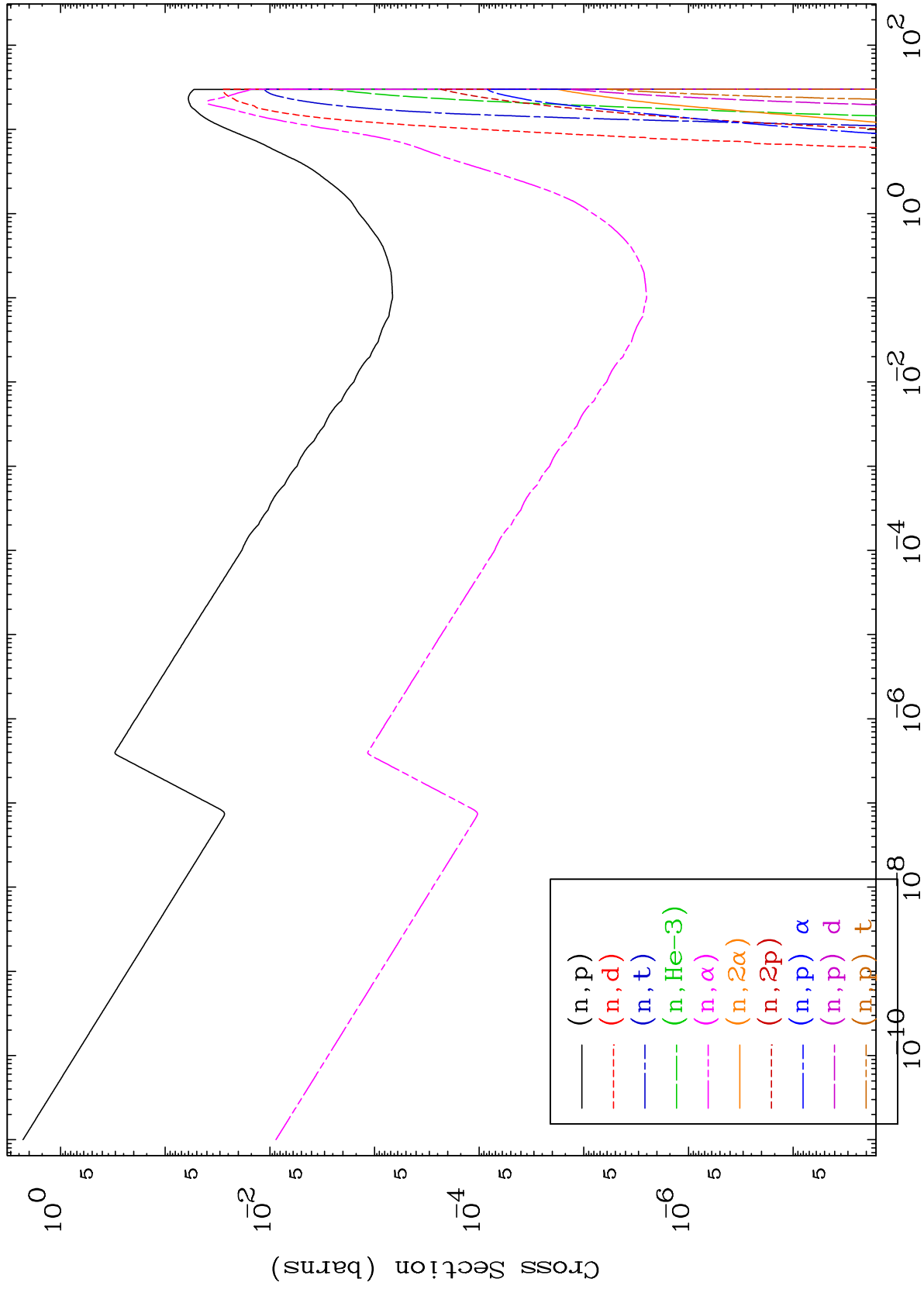
81-Tl-191

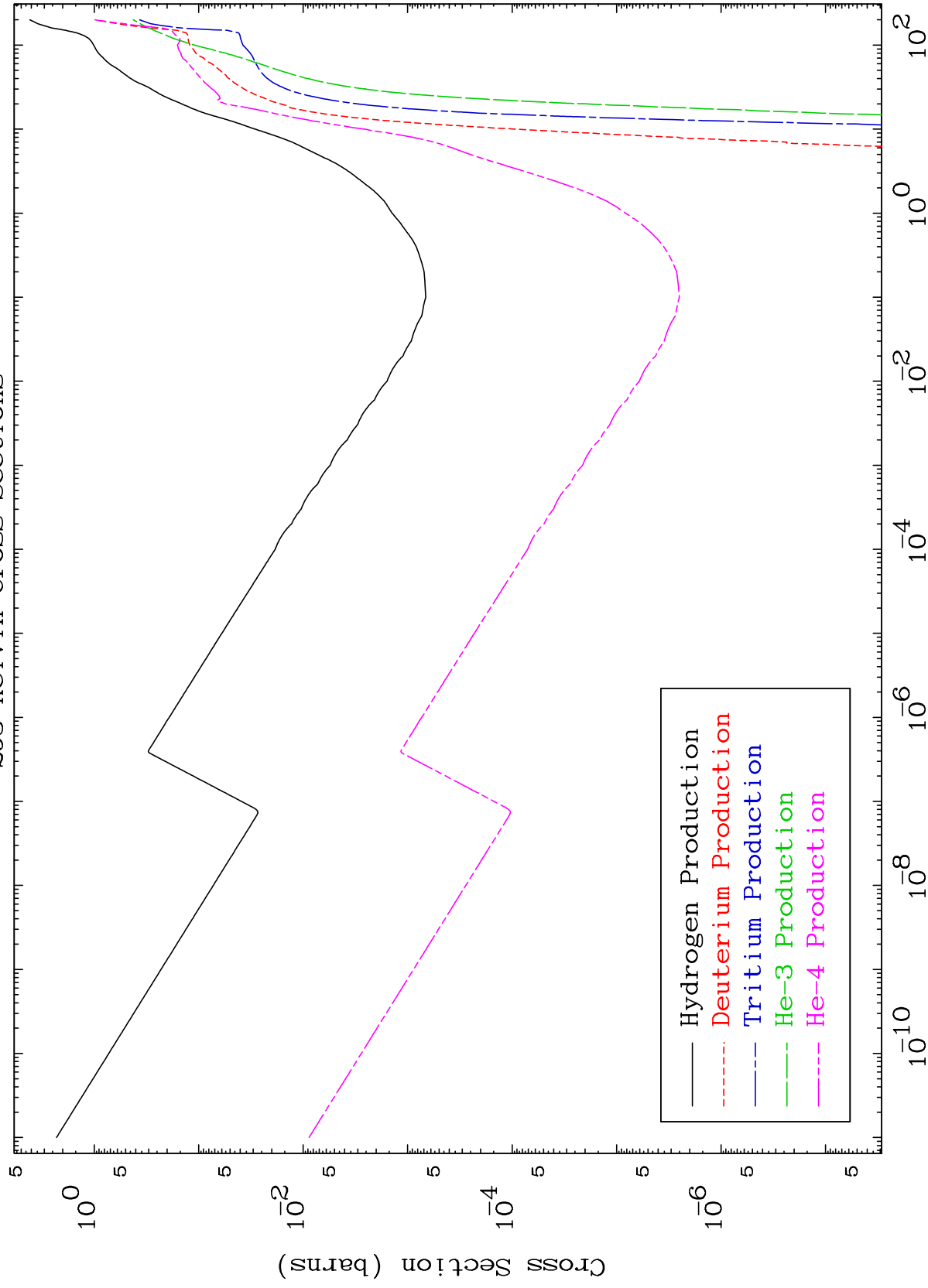


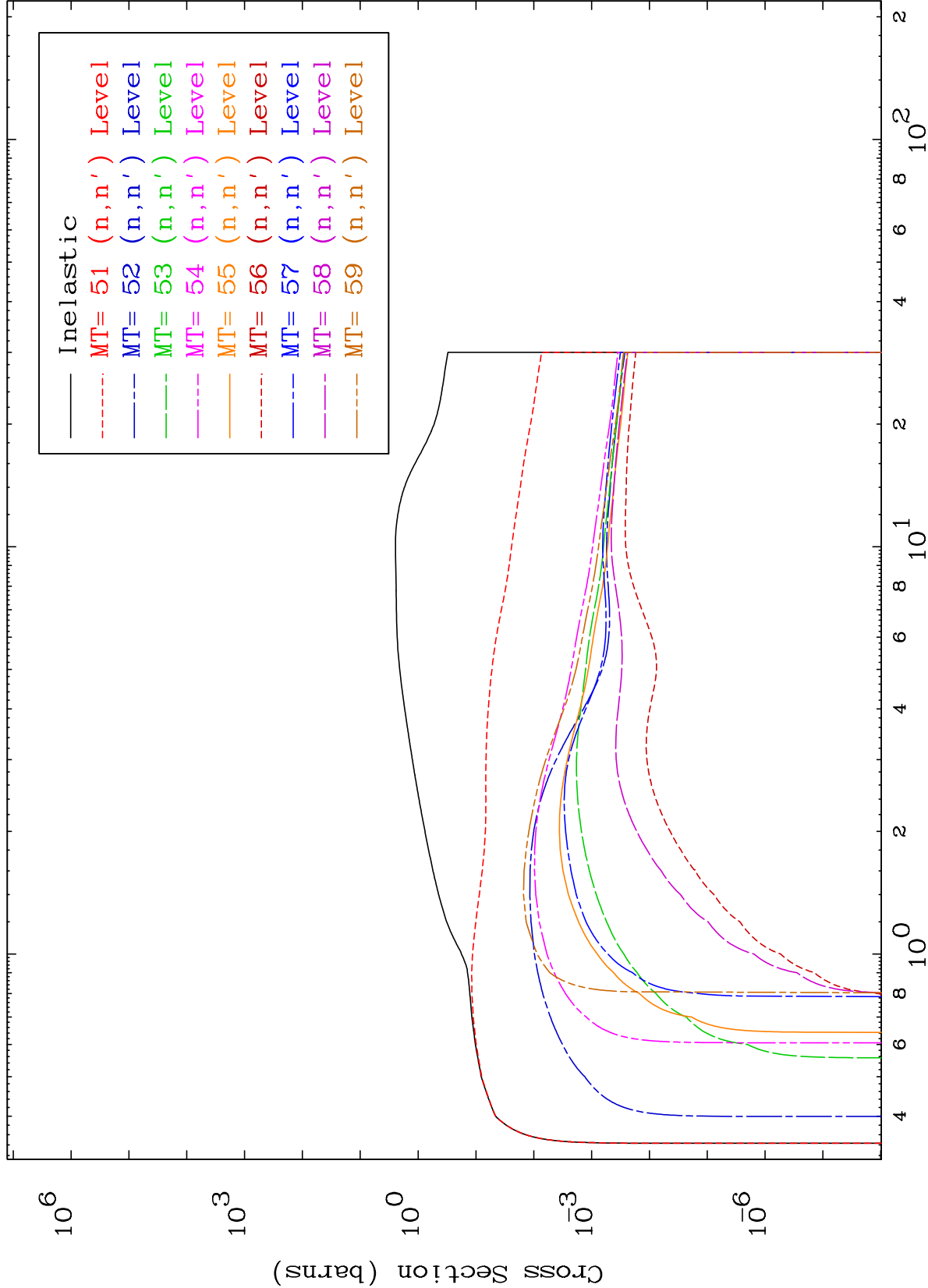
MAT 8089

293 Kelvin Cross Sections

81-Tl-191



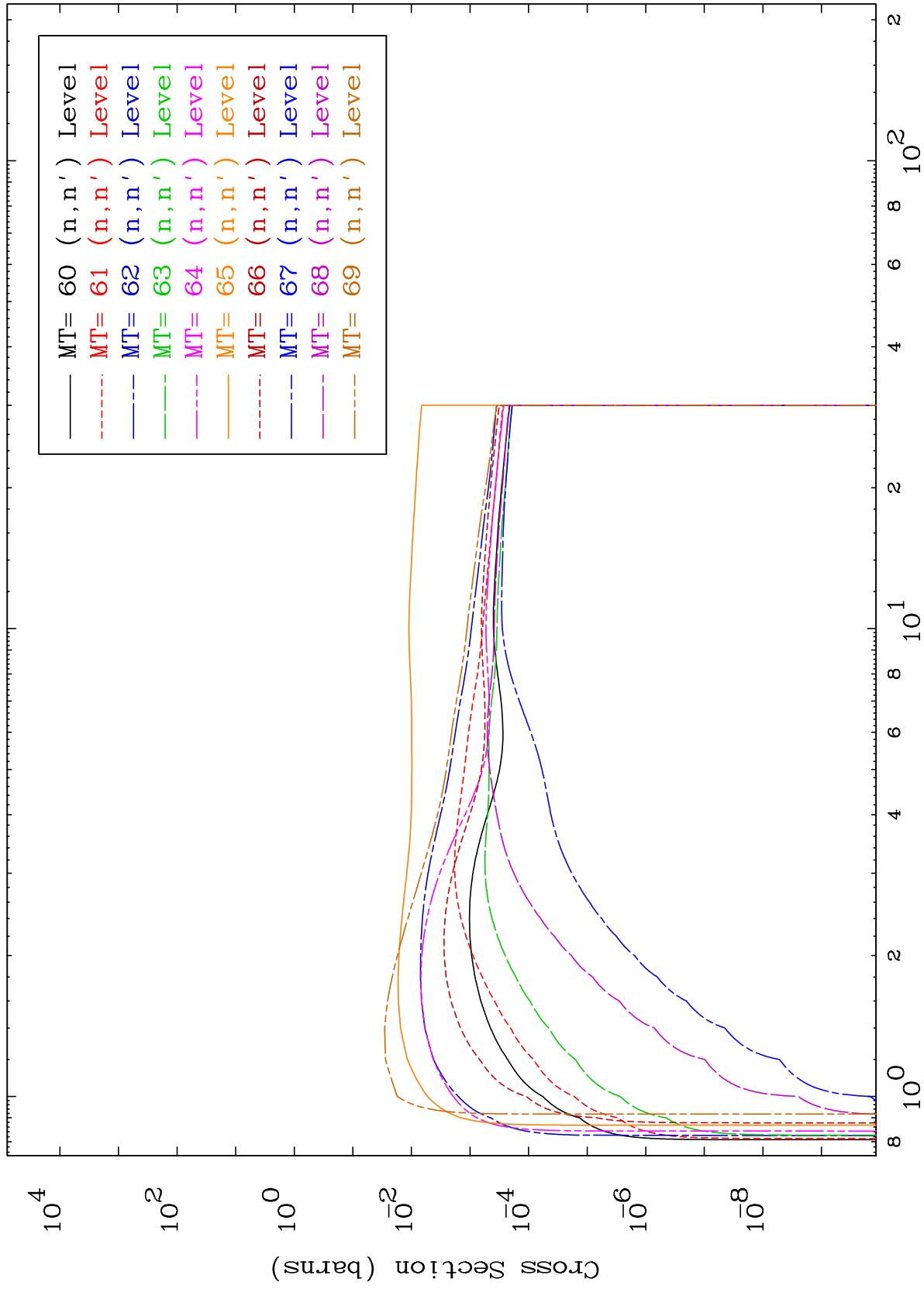




MAT 8089

(n,n') Level
293 Kelvin Cross Sections

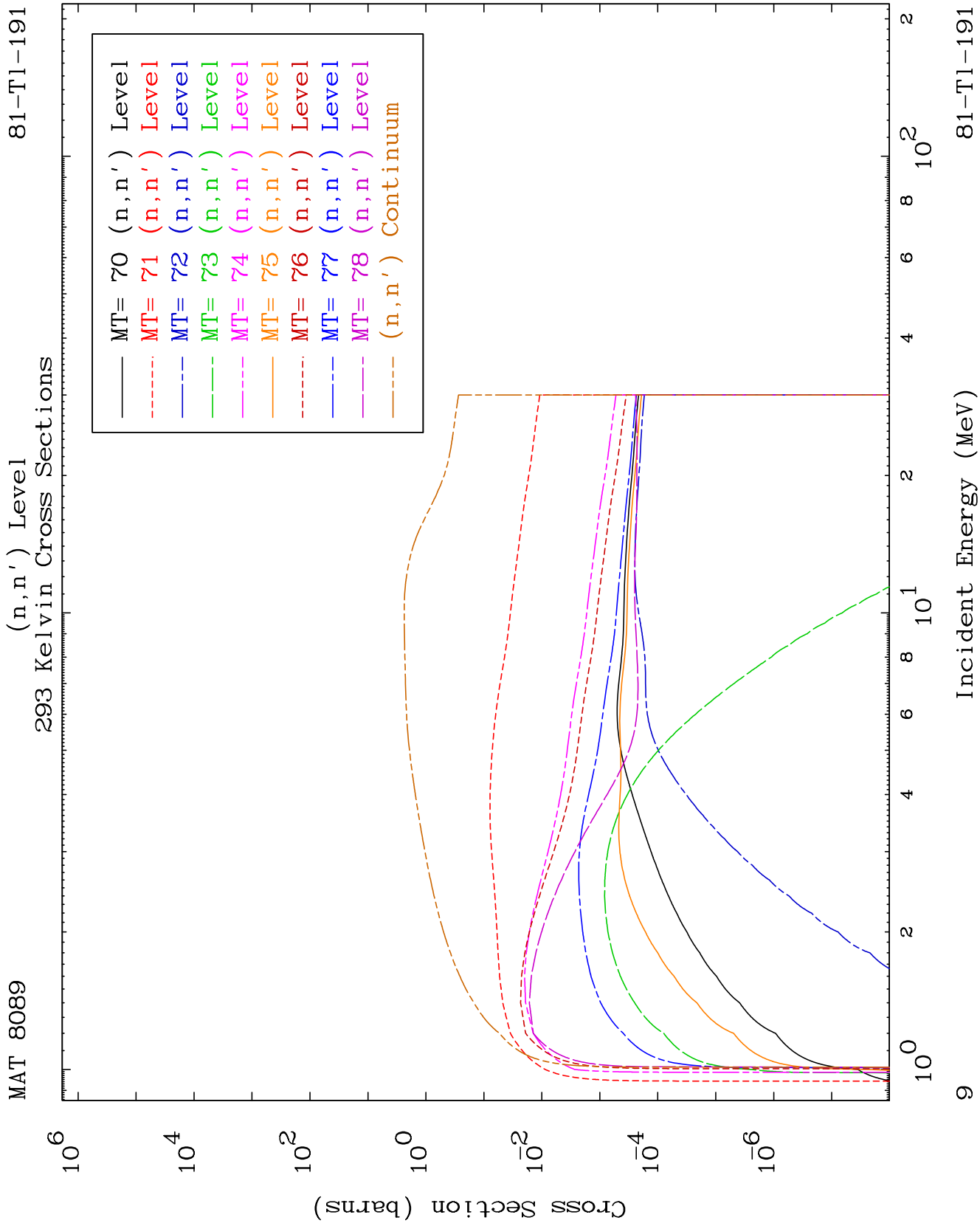
81-Tl-191



8

Incident Energy (MeV)

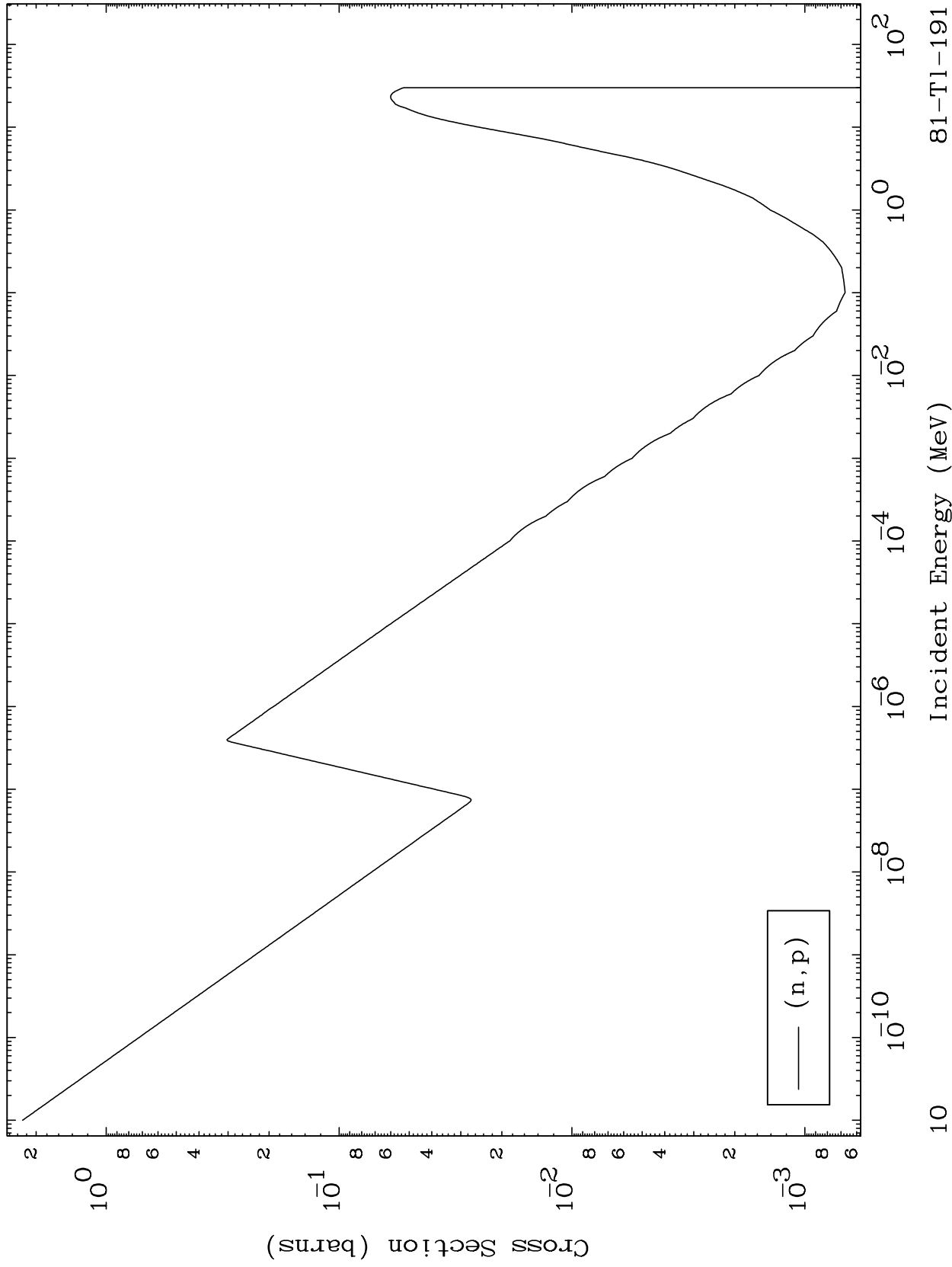
81-Tl-191



MAT 8089

(n,p) Levels
293 Kelvin Cross Sections

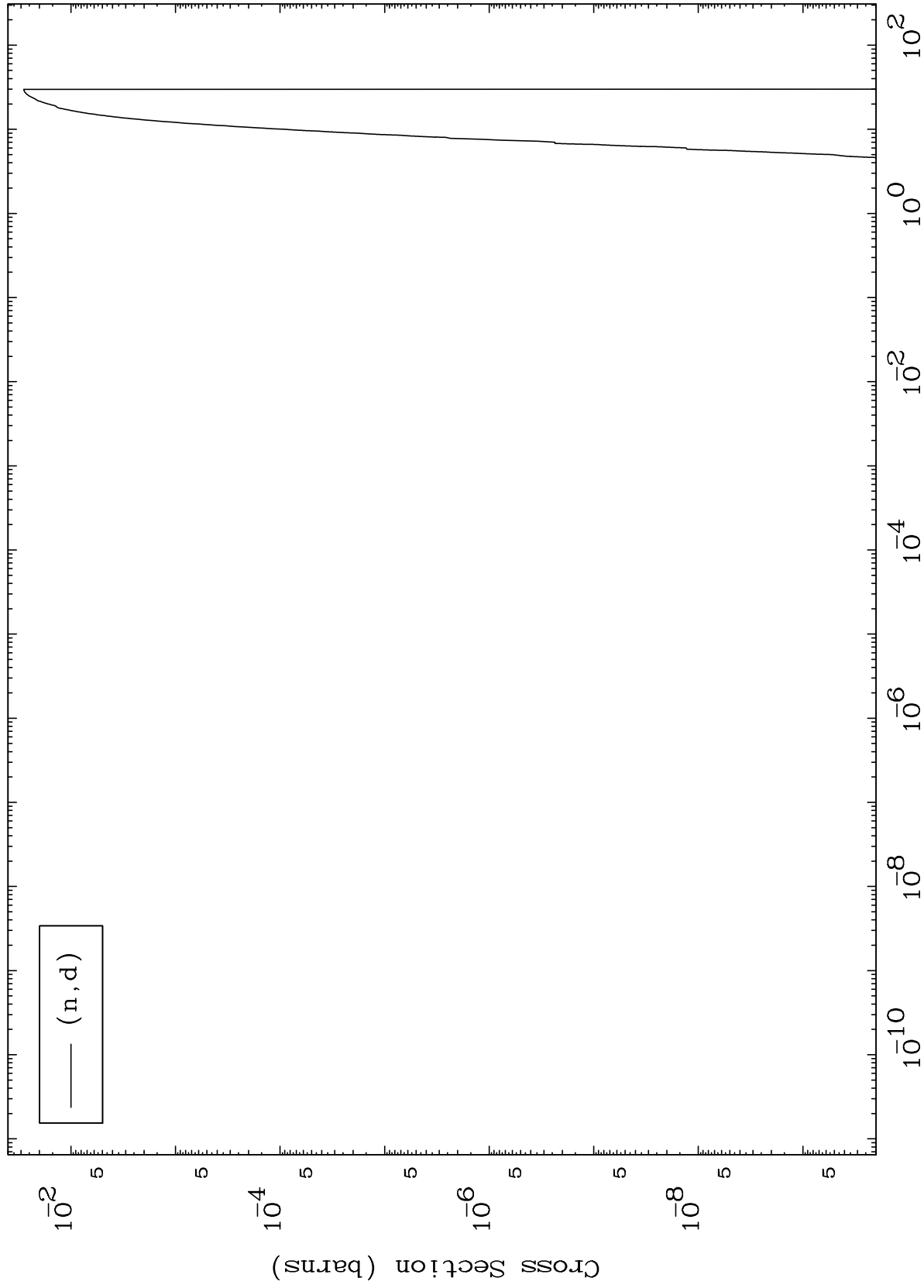
81-Tl-191



MAT 8089

(n,d) Levels
293 Kelvin Cross Sections

81-Tl-191



11

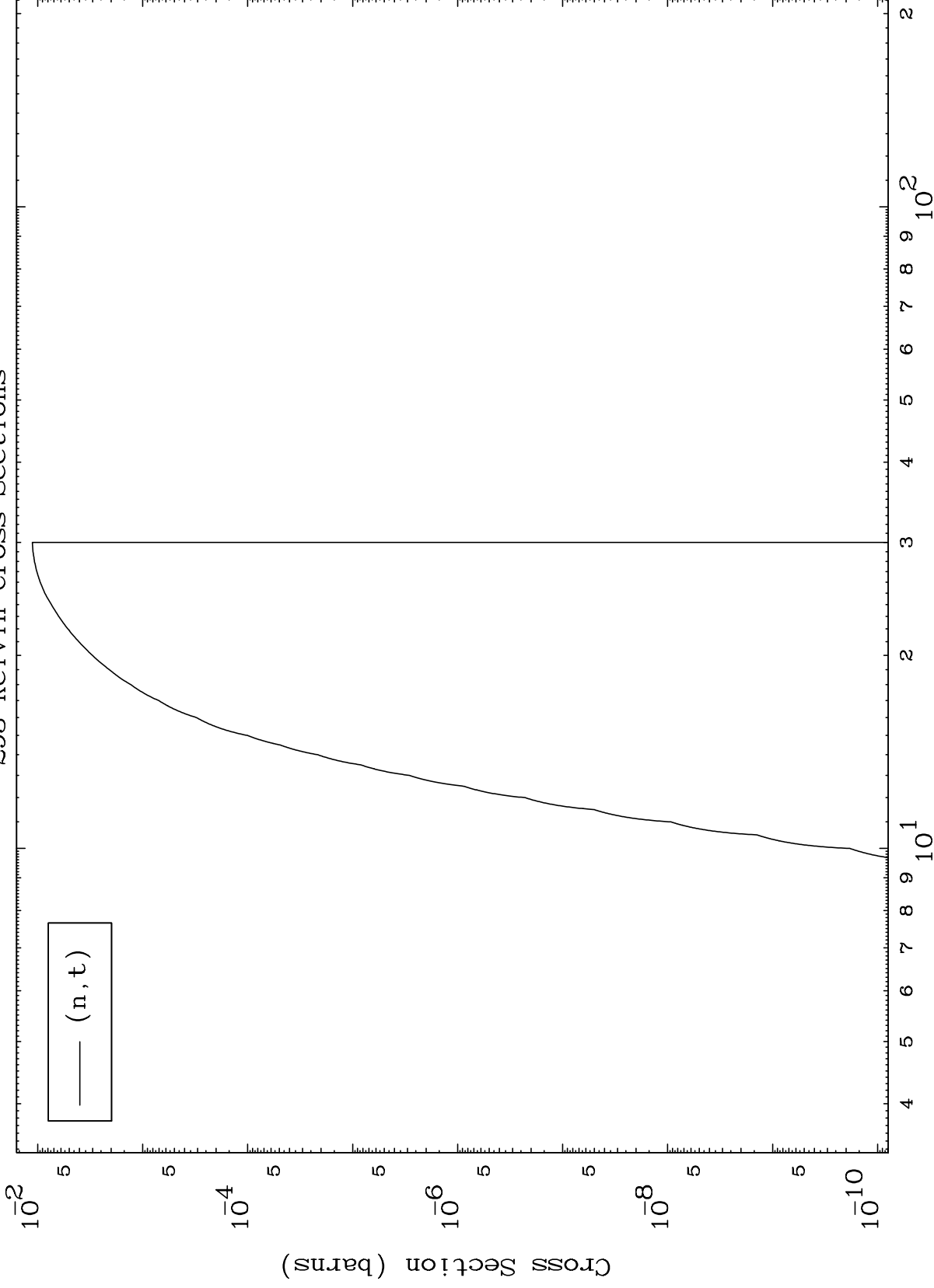
Incident Energy (MeV)

81-Tl-191

MAT 8089

(n,t) Levels
293 Kelvin Cross Sections

81-Tl-191



12

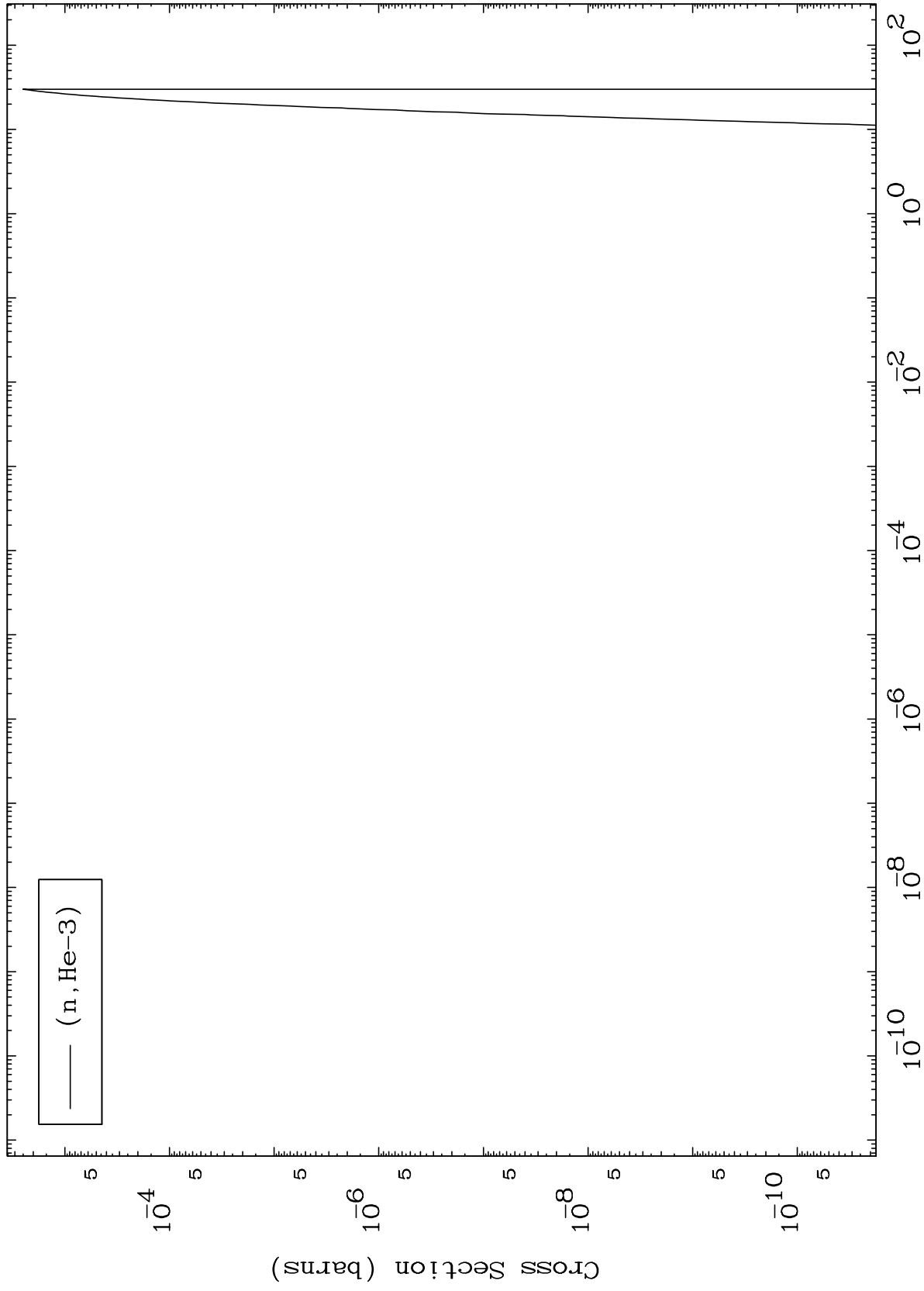
Incident Energy (MeV)

81-Tl-191

MAT 8089

(n,He3) Levels
293 Kelvin Cross Sections

81-Tl-191



13

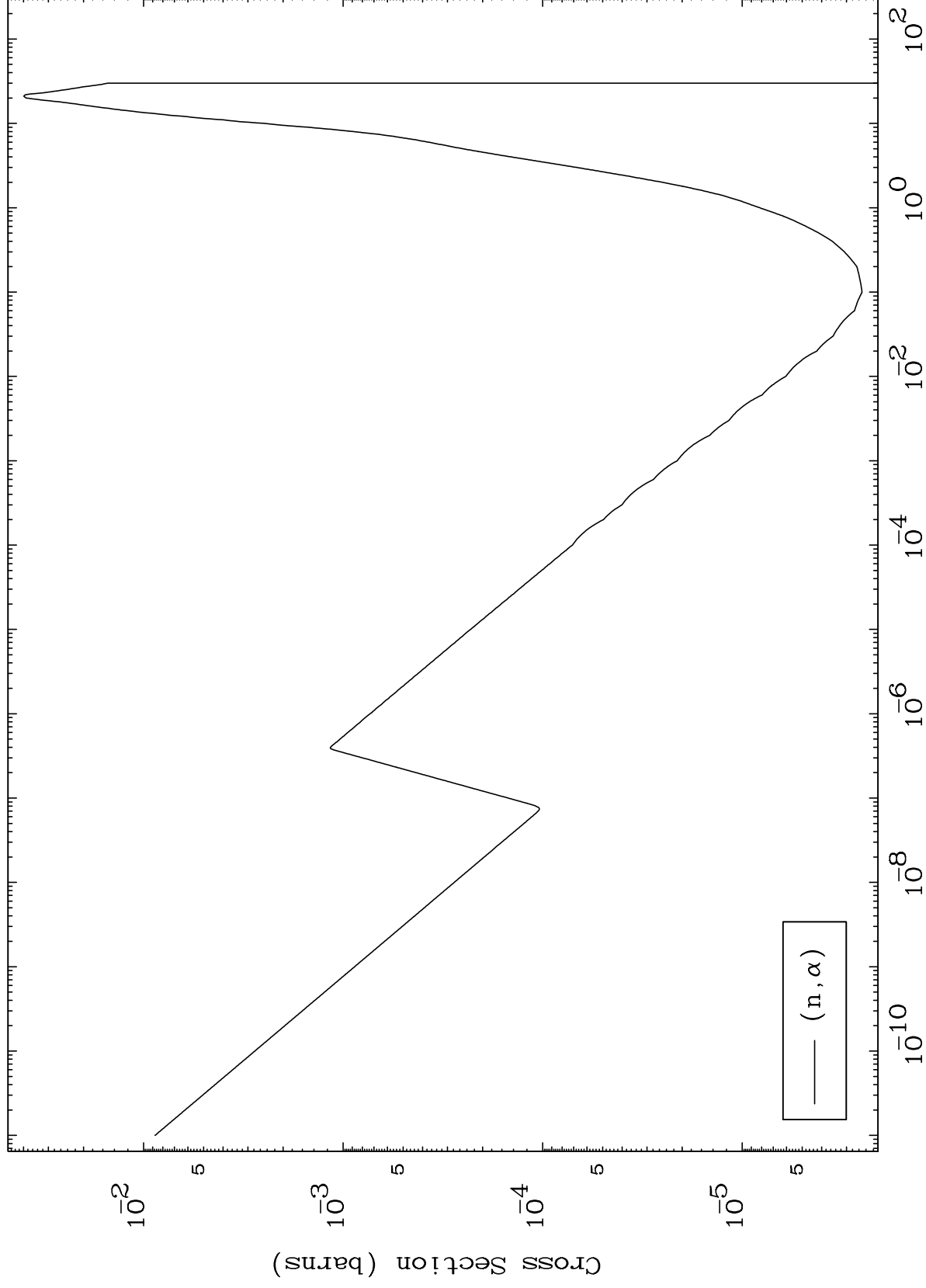
Incident Energy (MeV)

81-Tl-191

MAT 8089

(n, α) Levels
293 Kelvin Cross Sections

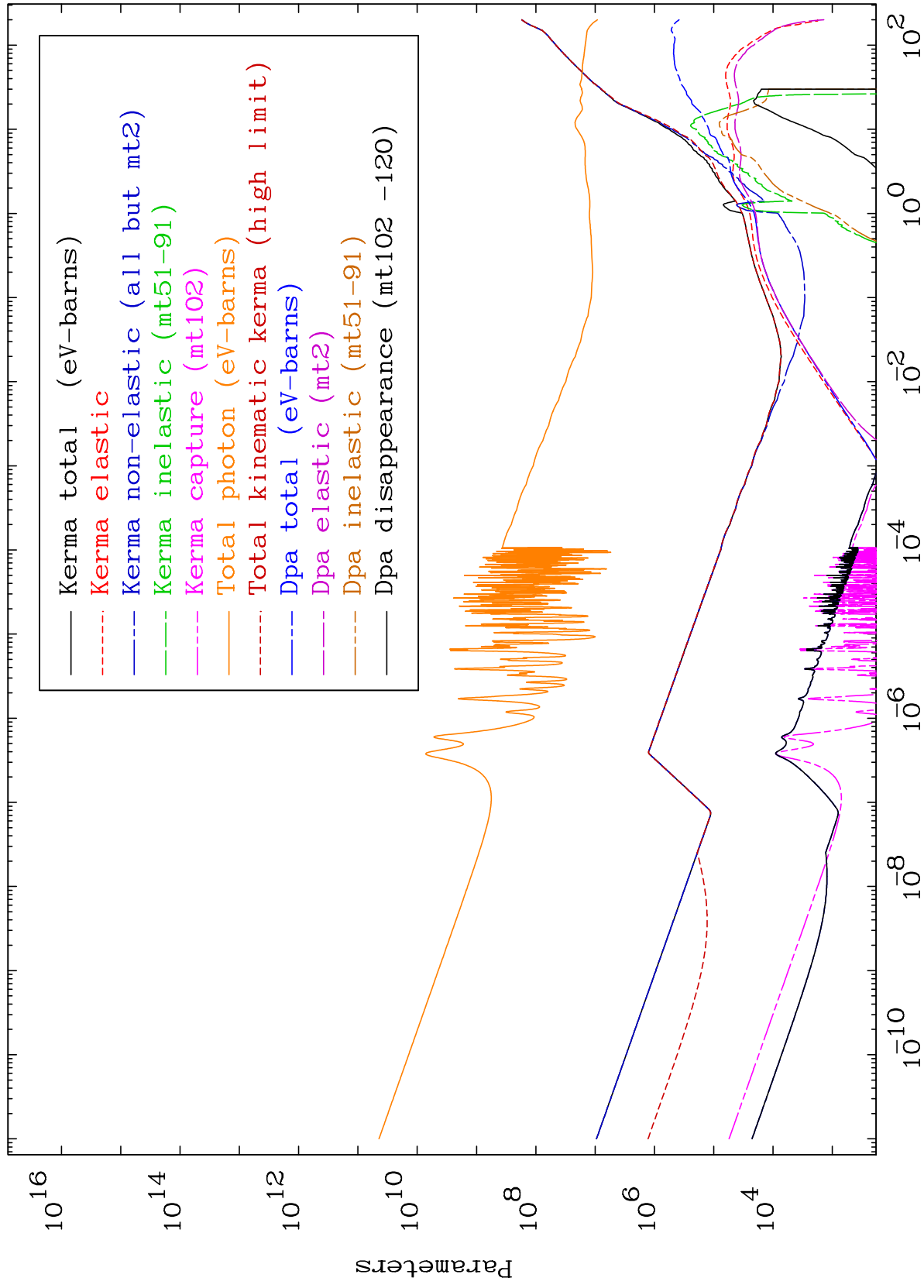
81-Tl-191

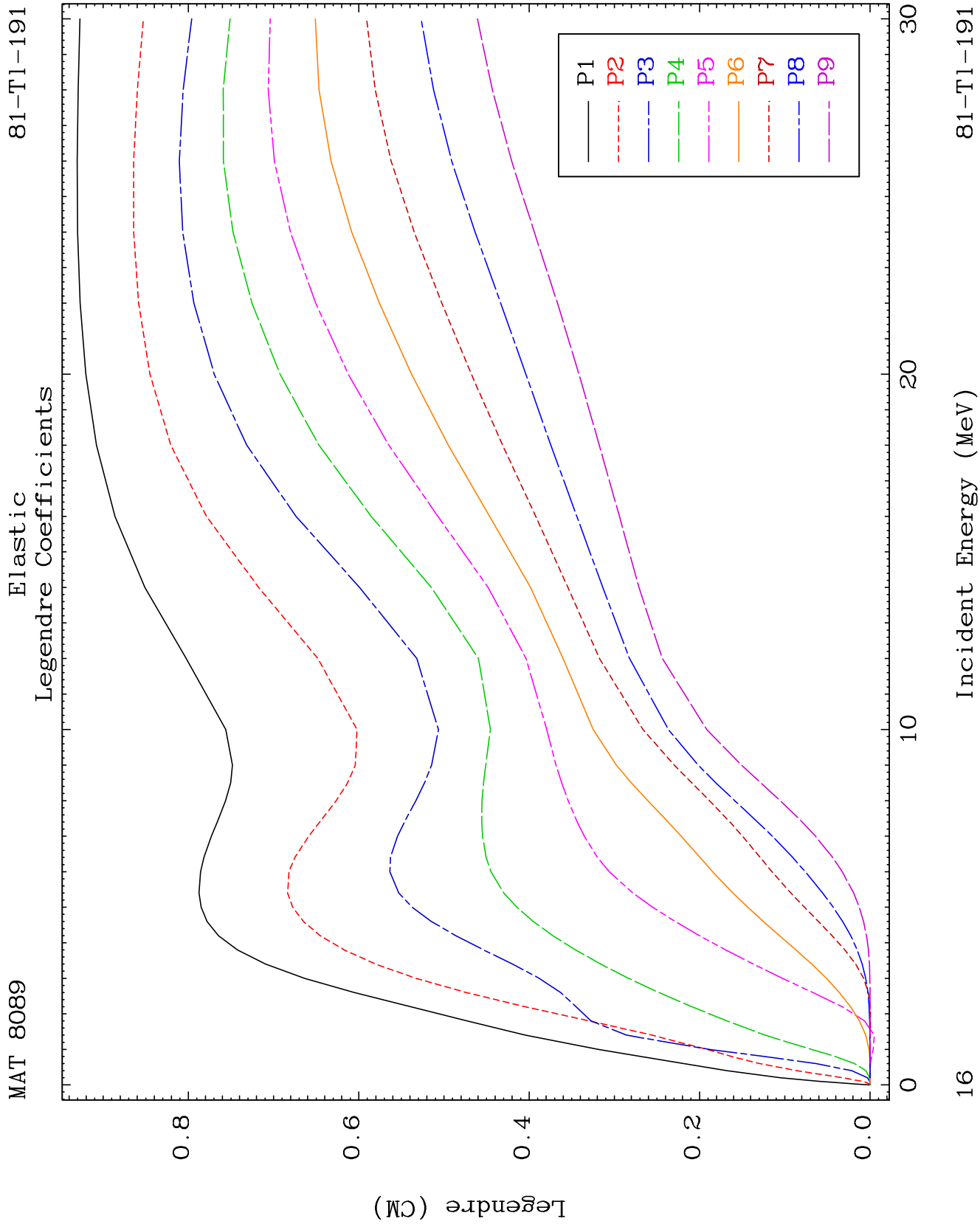


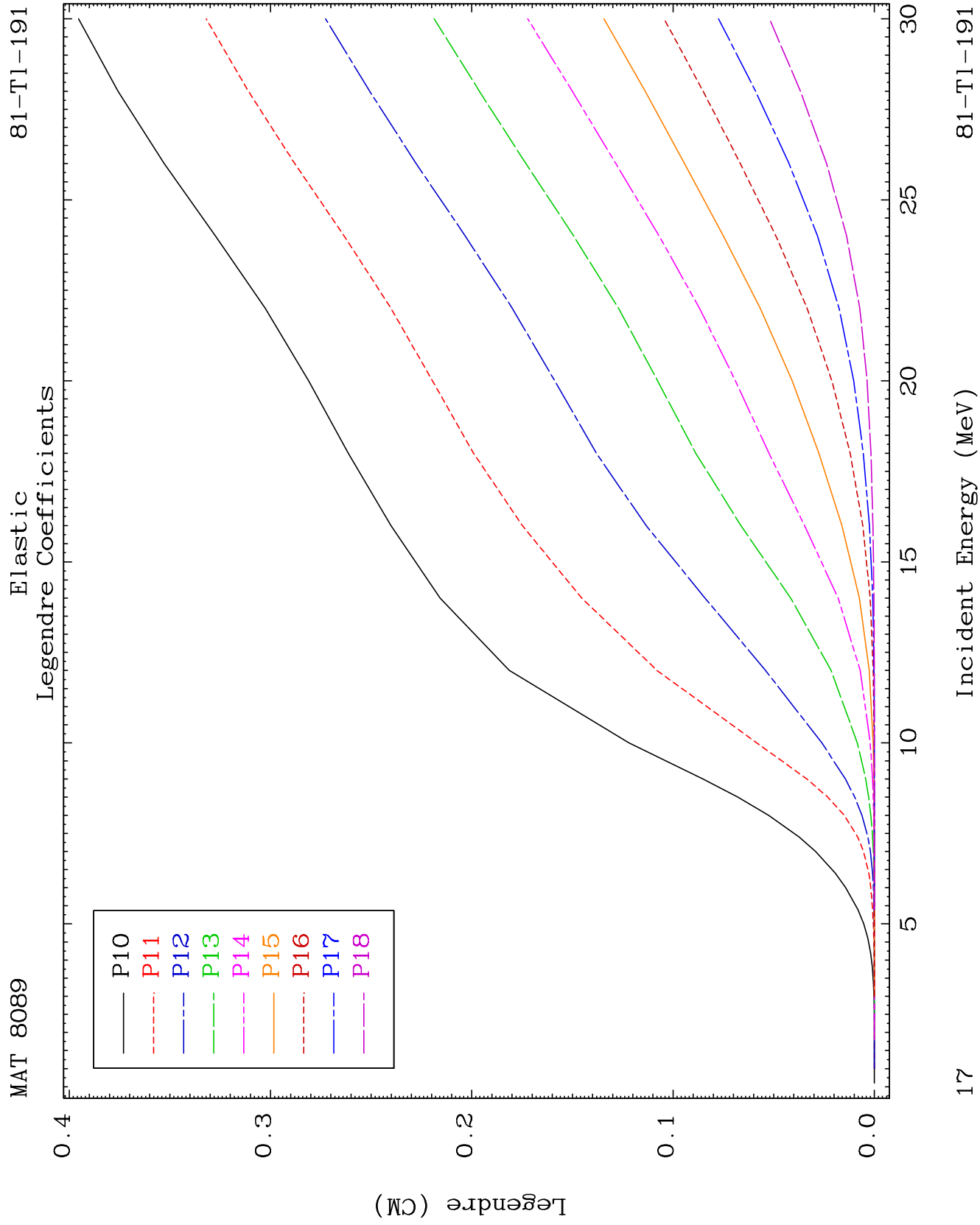
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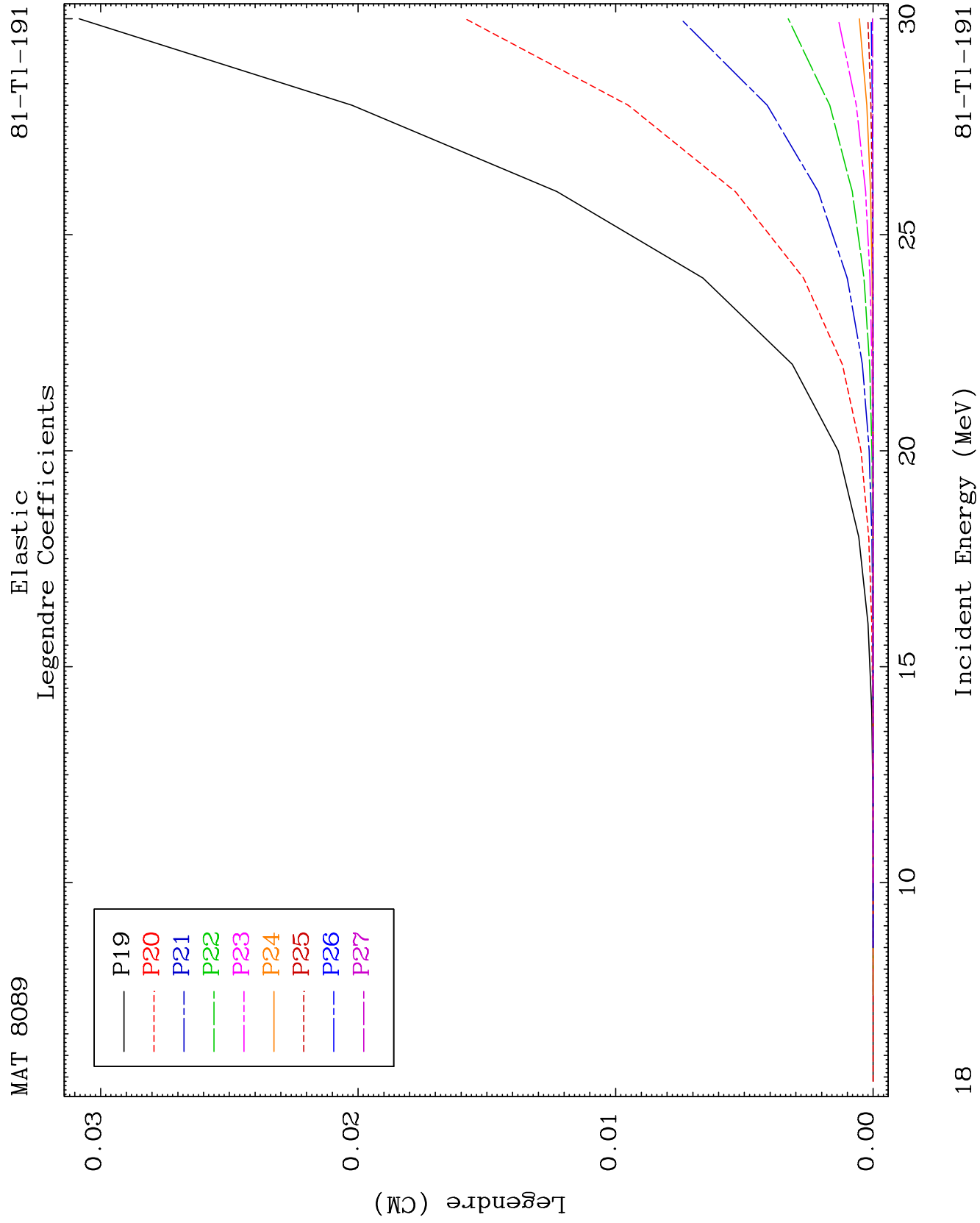
Incident Energy (MeV)

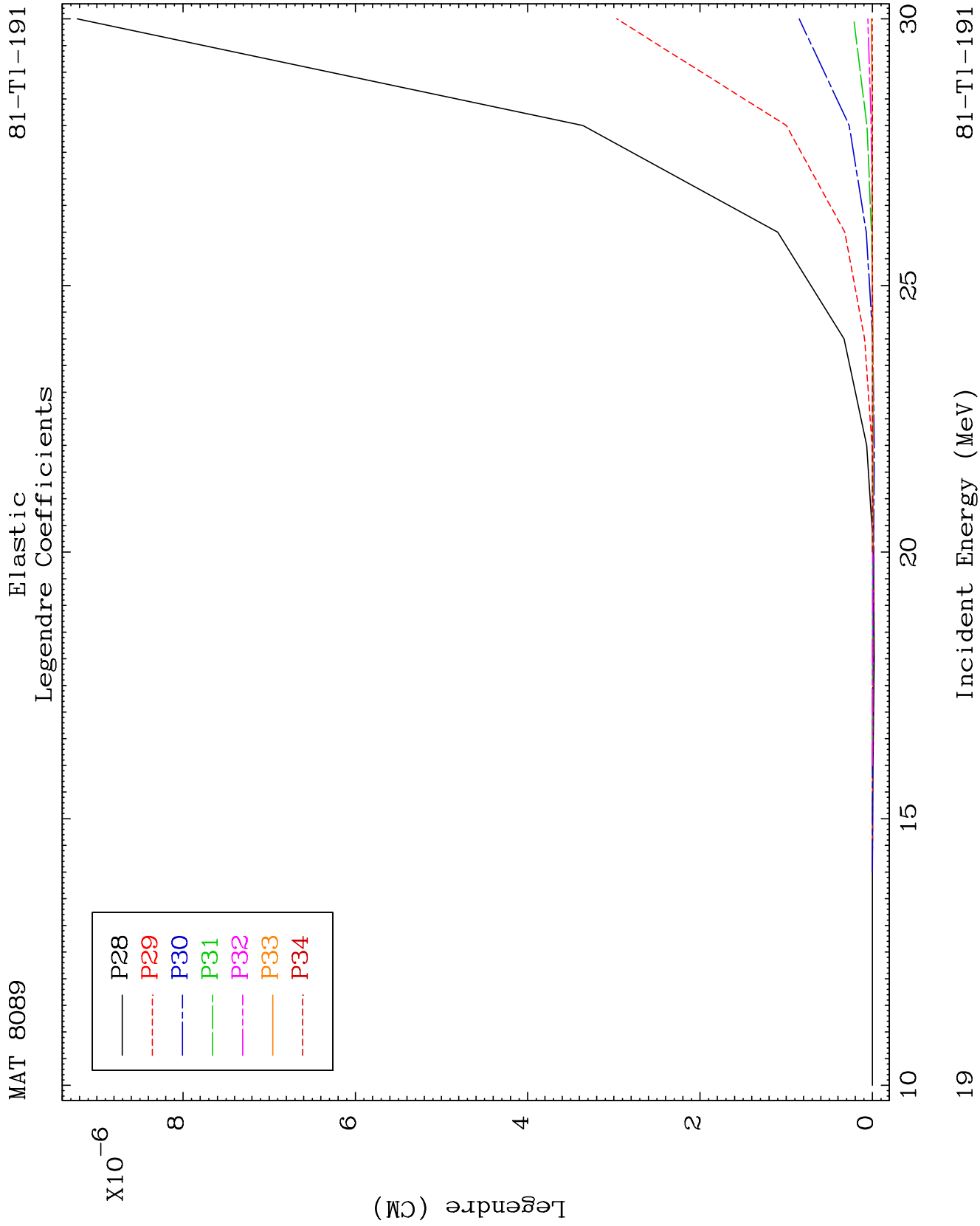
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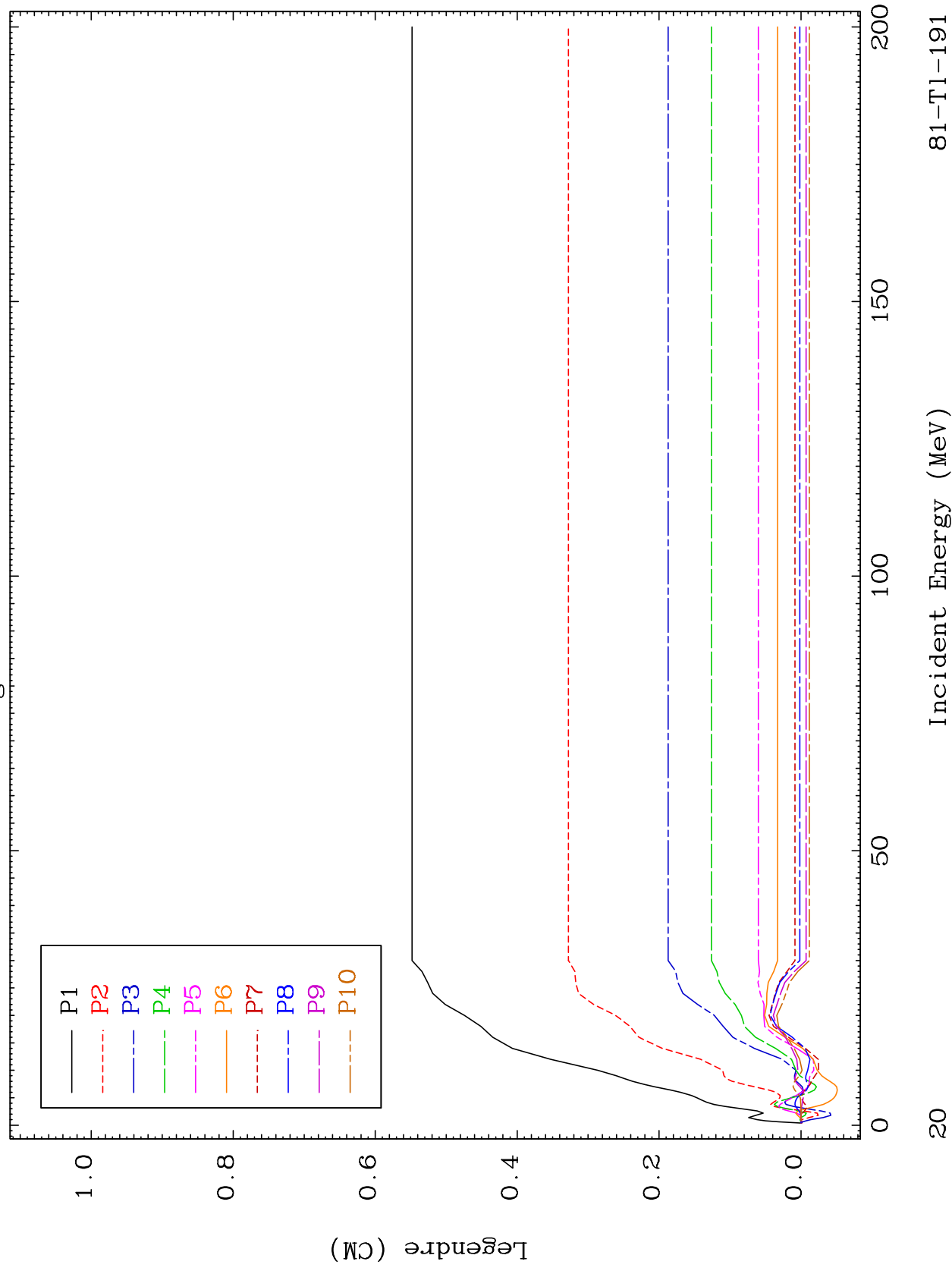




MAT 8089

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

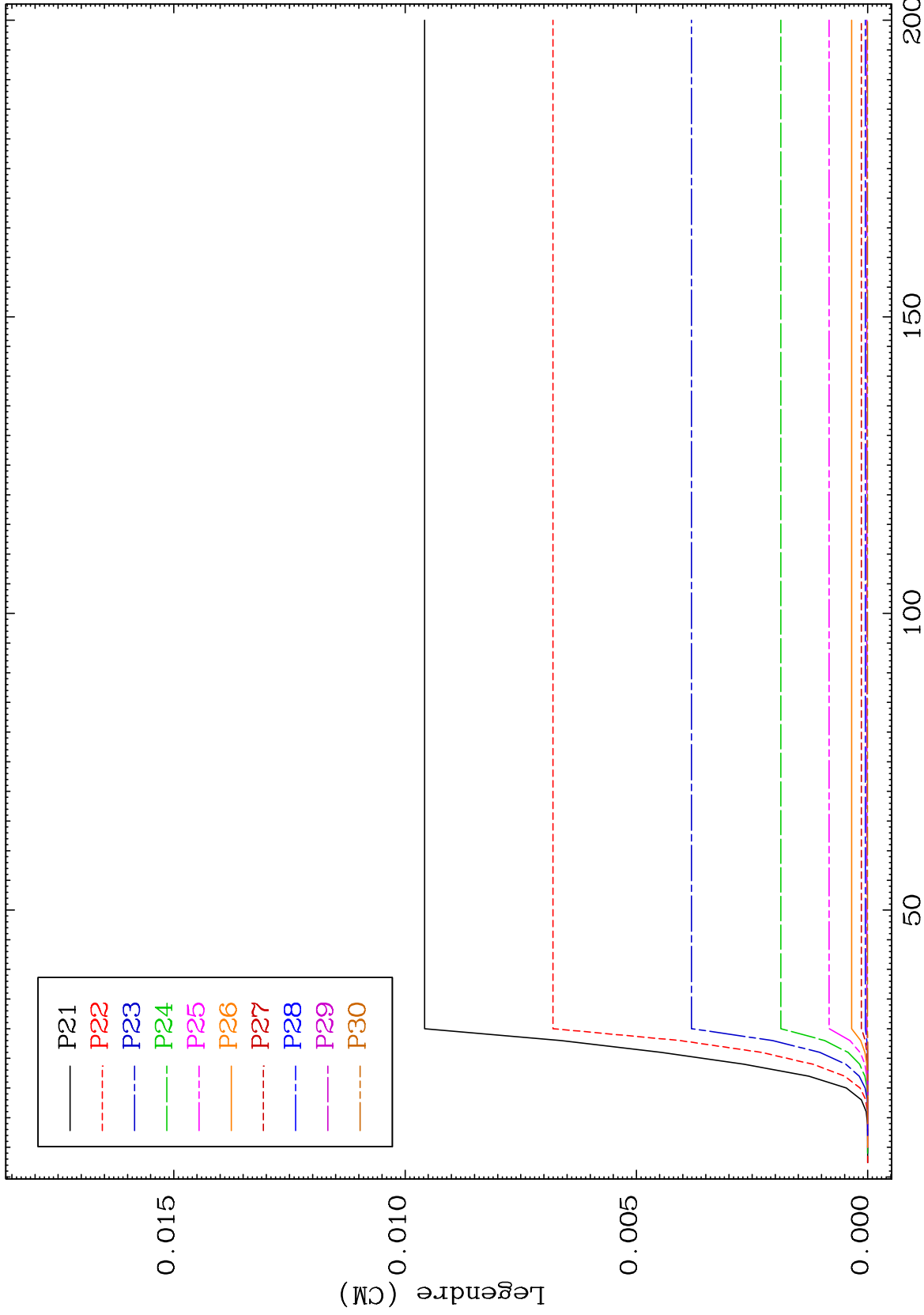
81-T1-191



MAT 8089

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

81-Tl-191



22

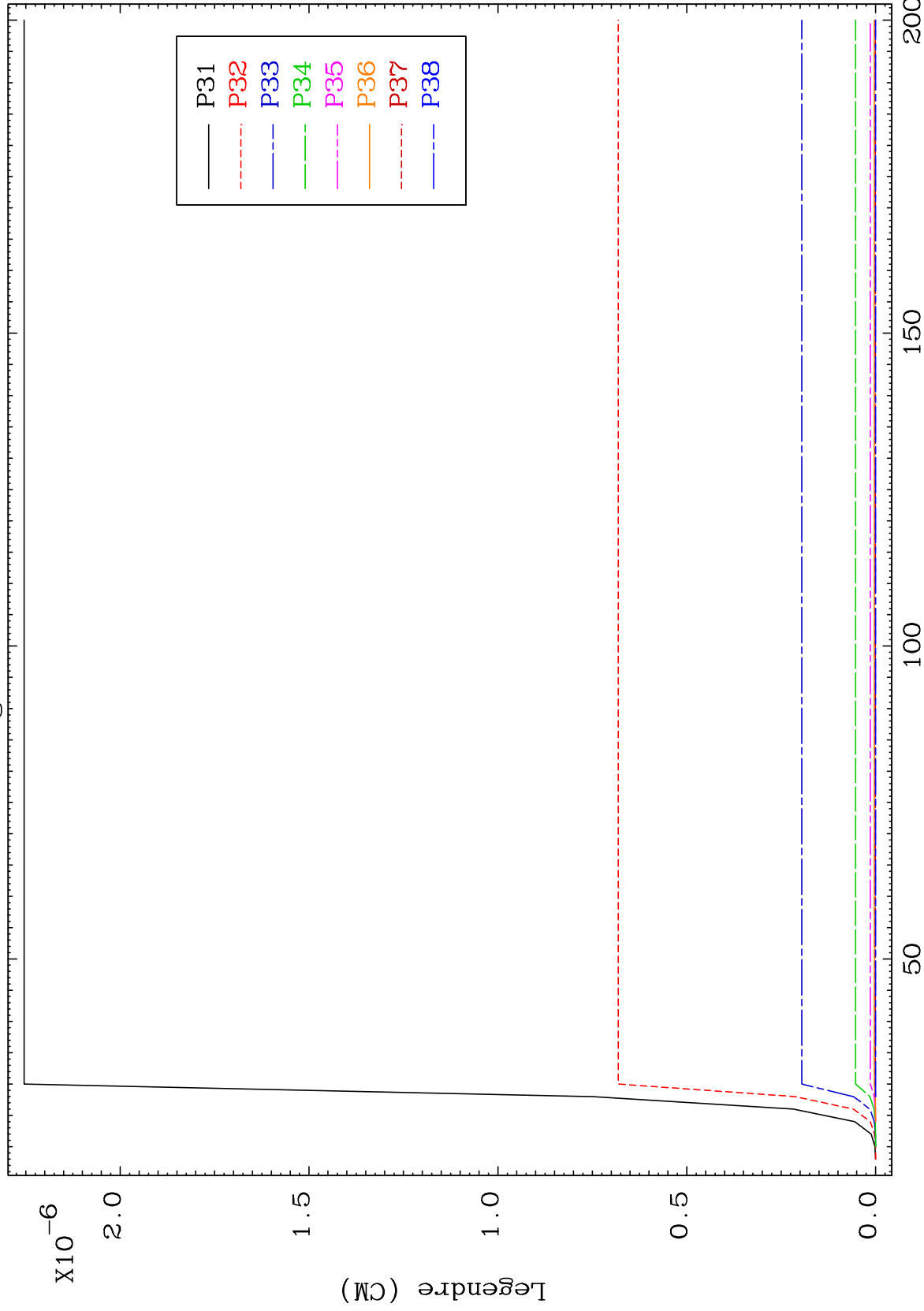
Incident Energy (MeV)

81-Tl-191

MAT 8089

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

81-Tl-191



23

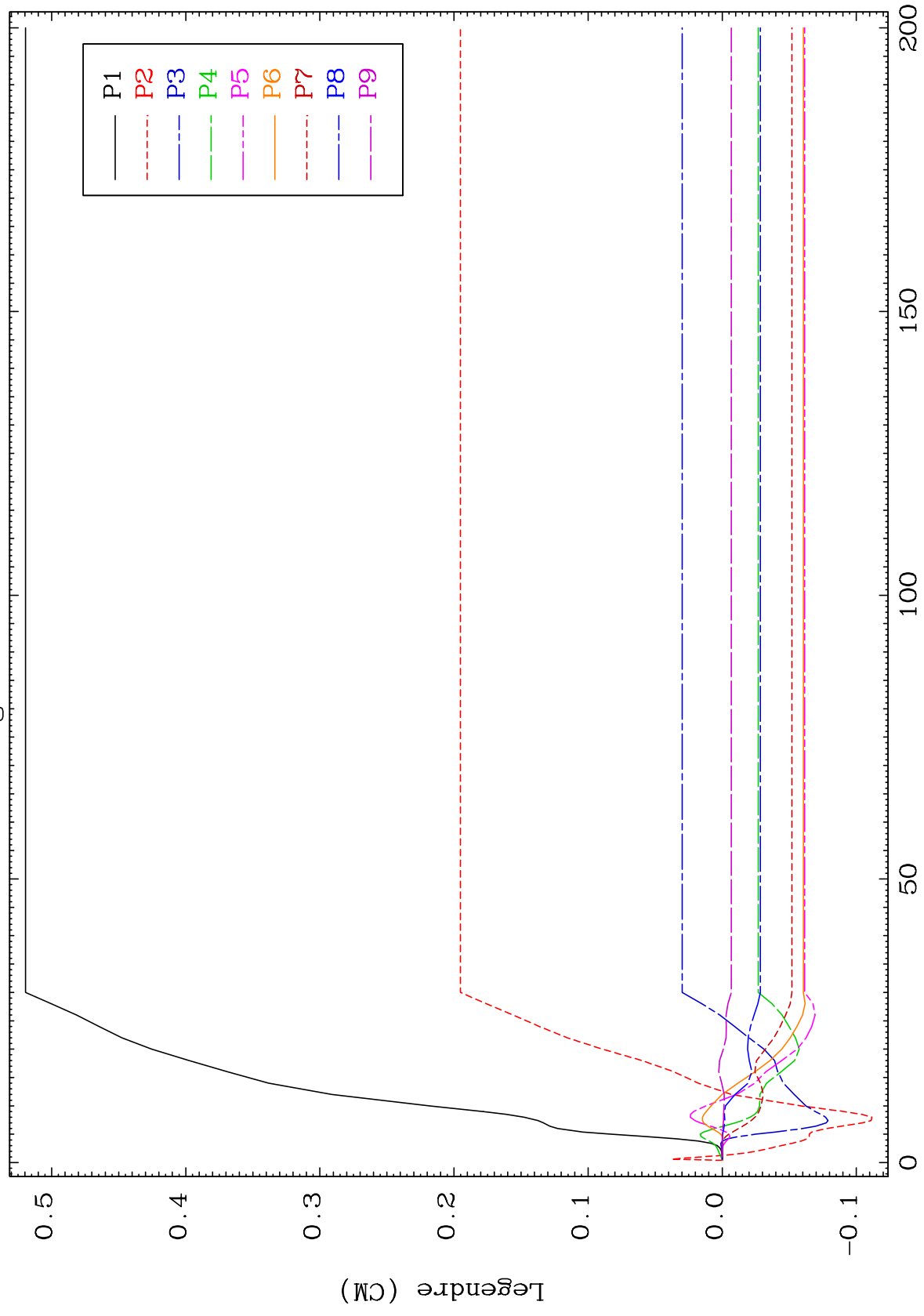
Incident Energy (MeV)

81-Tl-191

MAT 8089

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

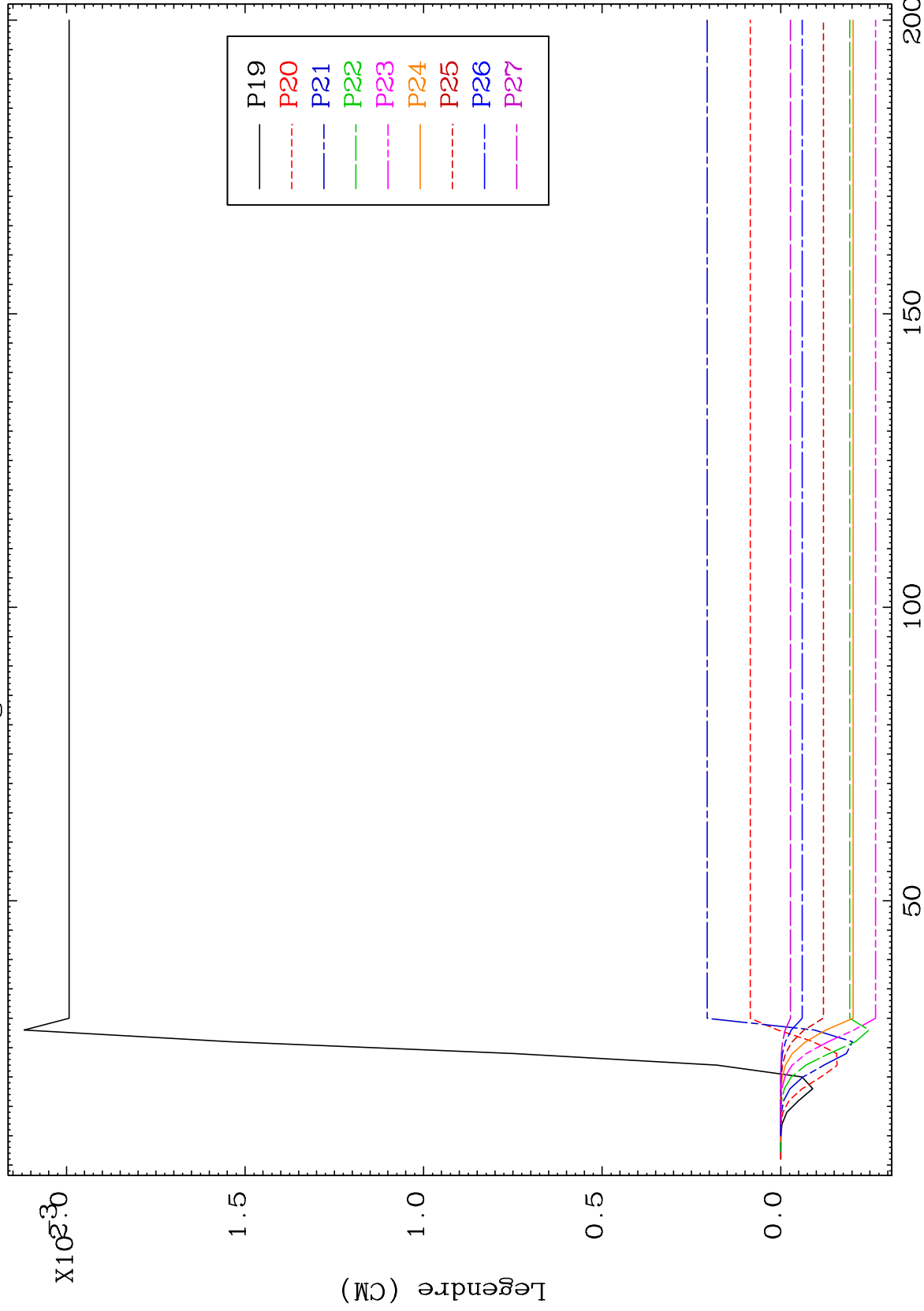
81-T1-191



24

Incident Energy (MeV)

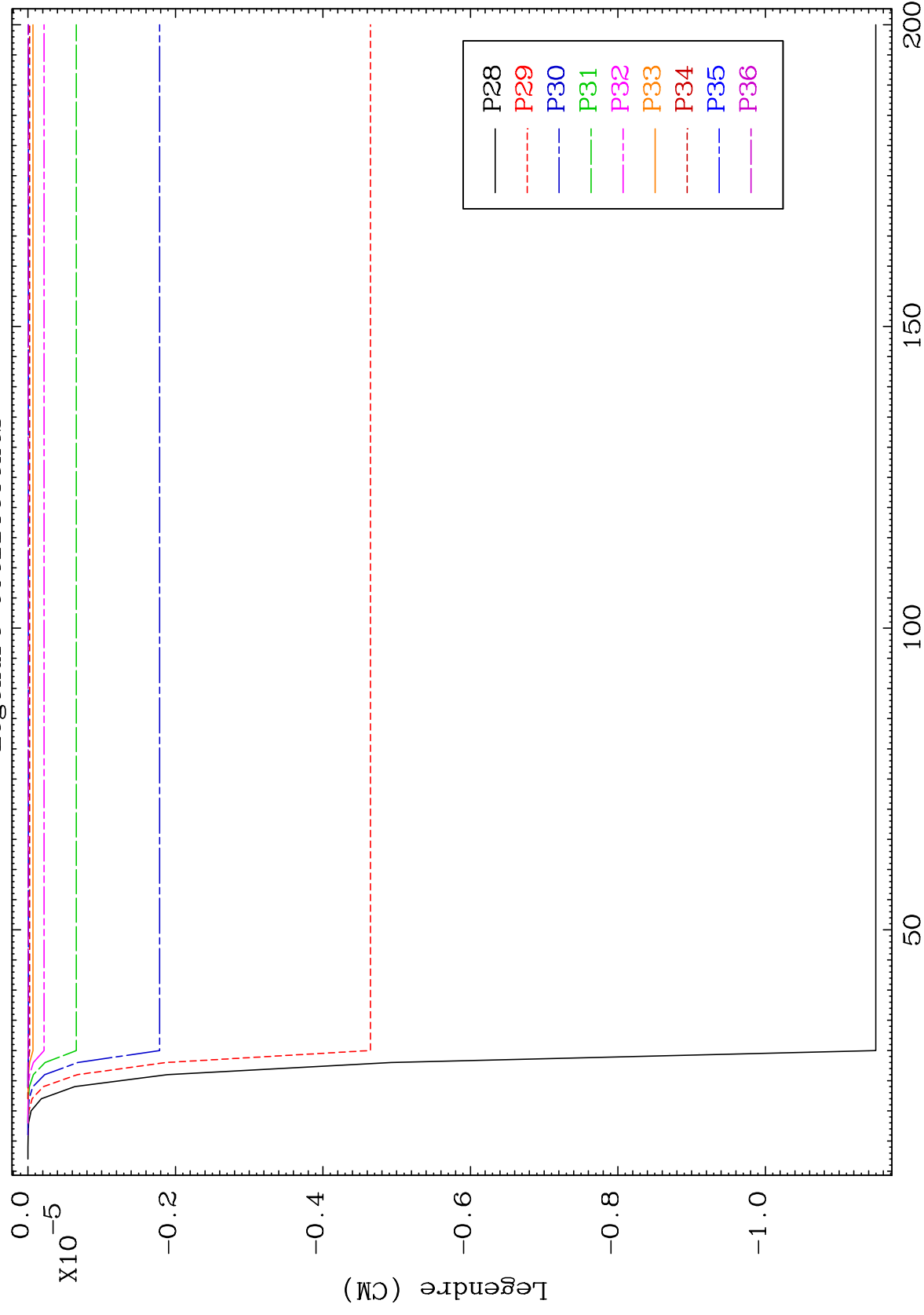
81-T1-191



MAT 8089

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

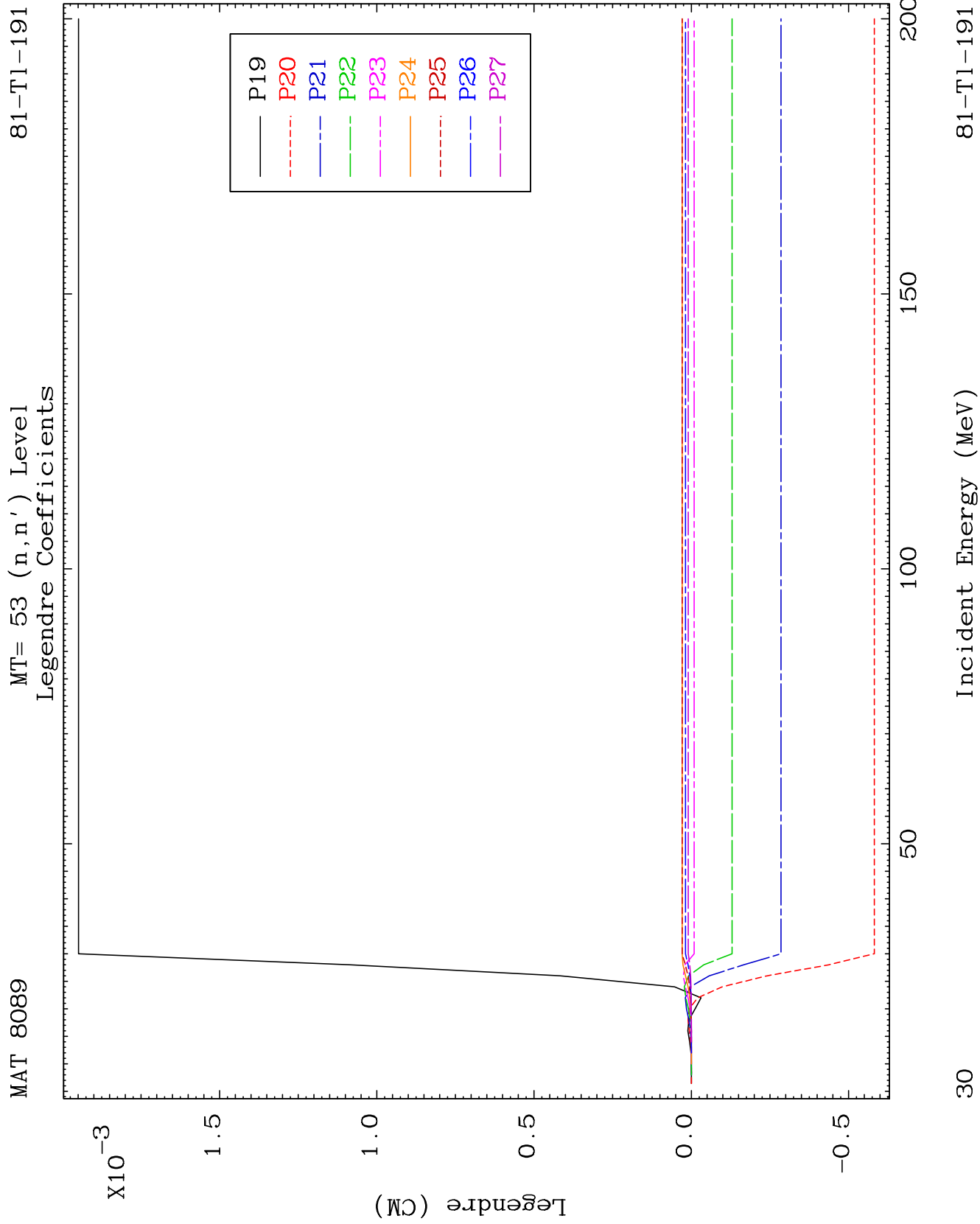
81-T1-191

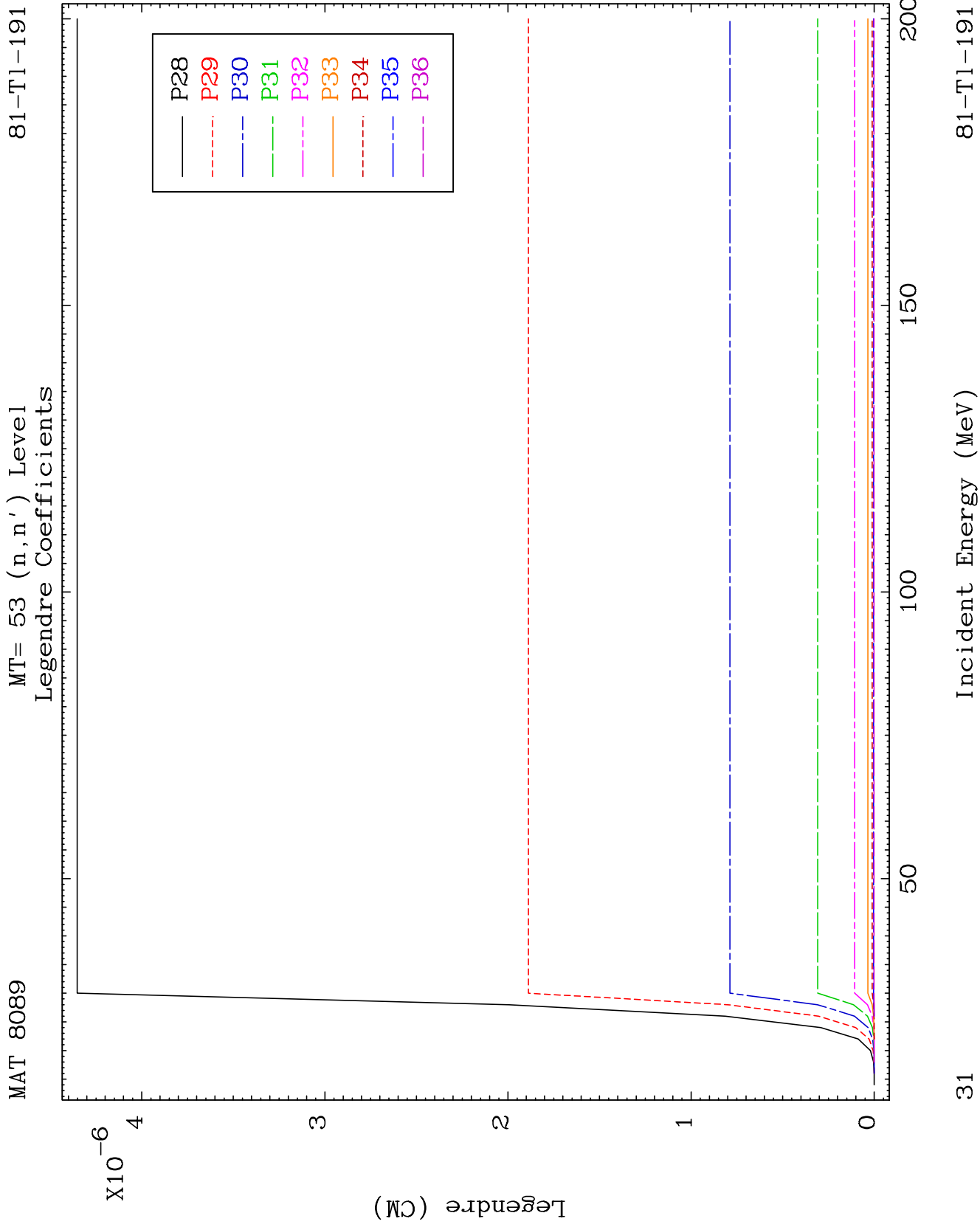


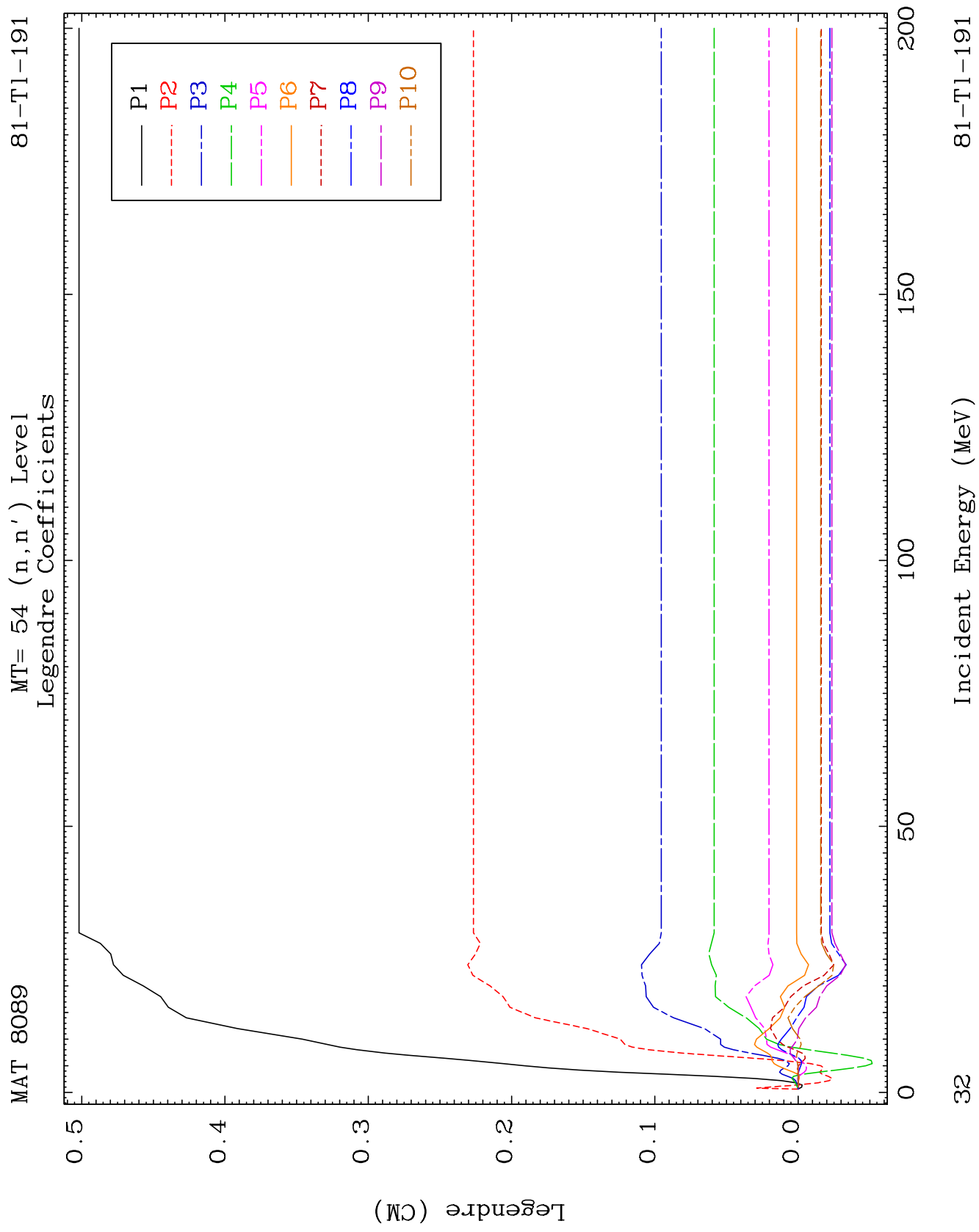
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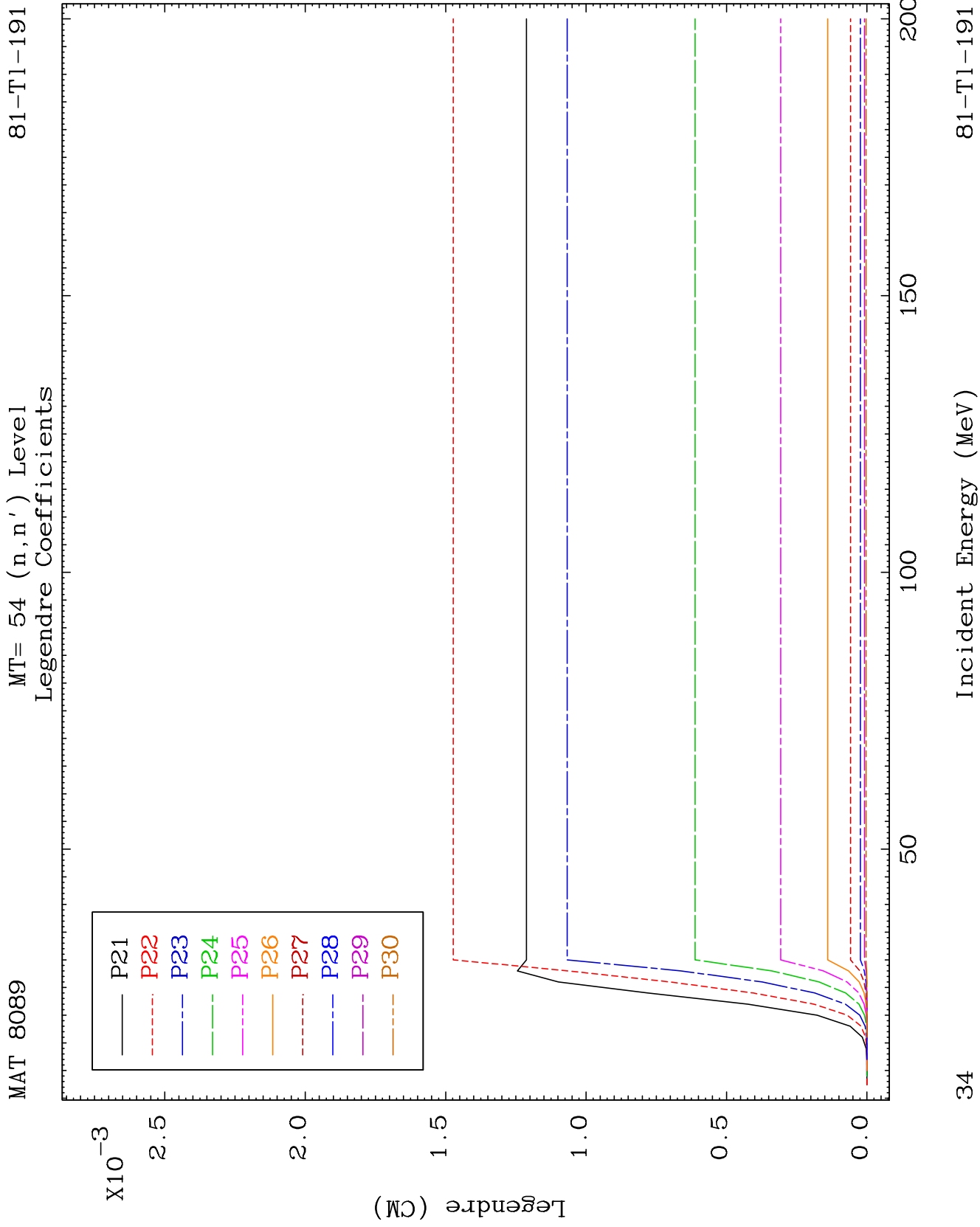
Incident Energy (MeV)

81-T1-191





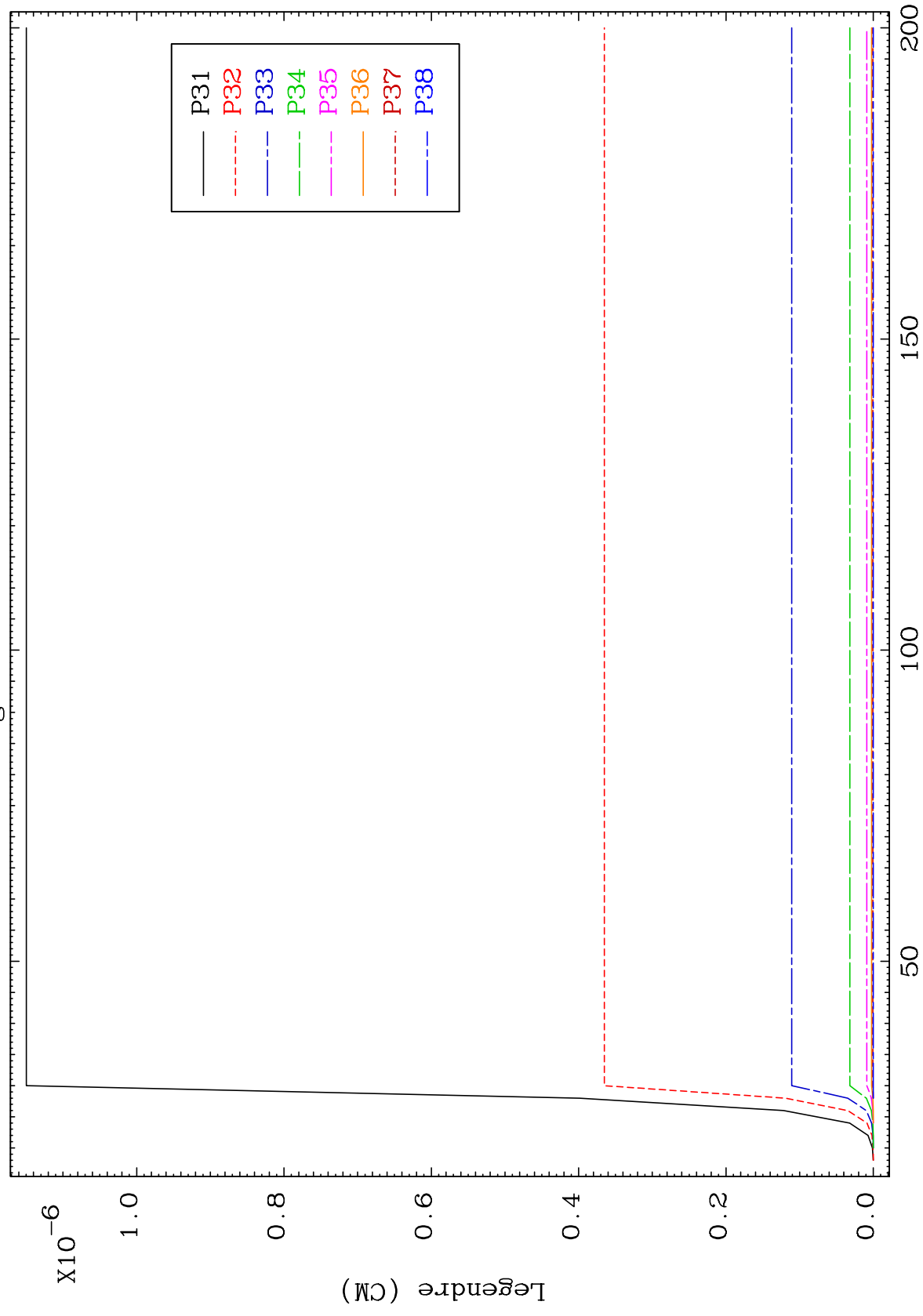




MAT 8089

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

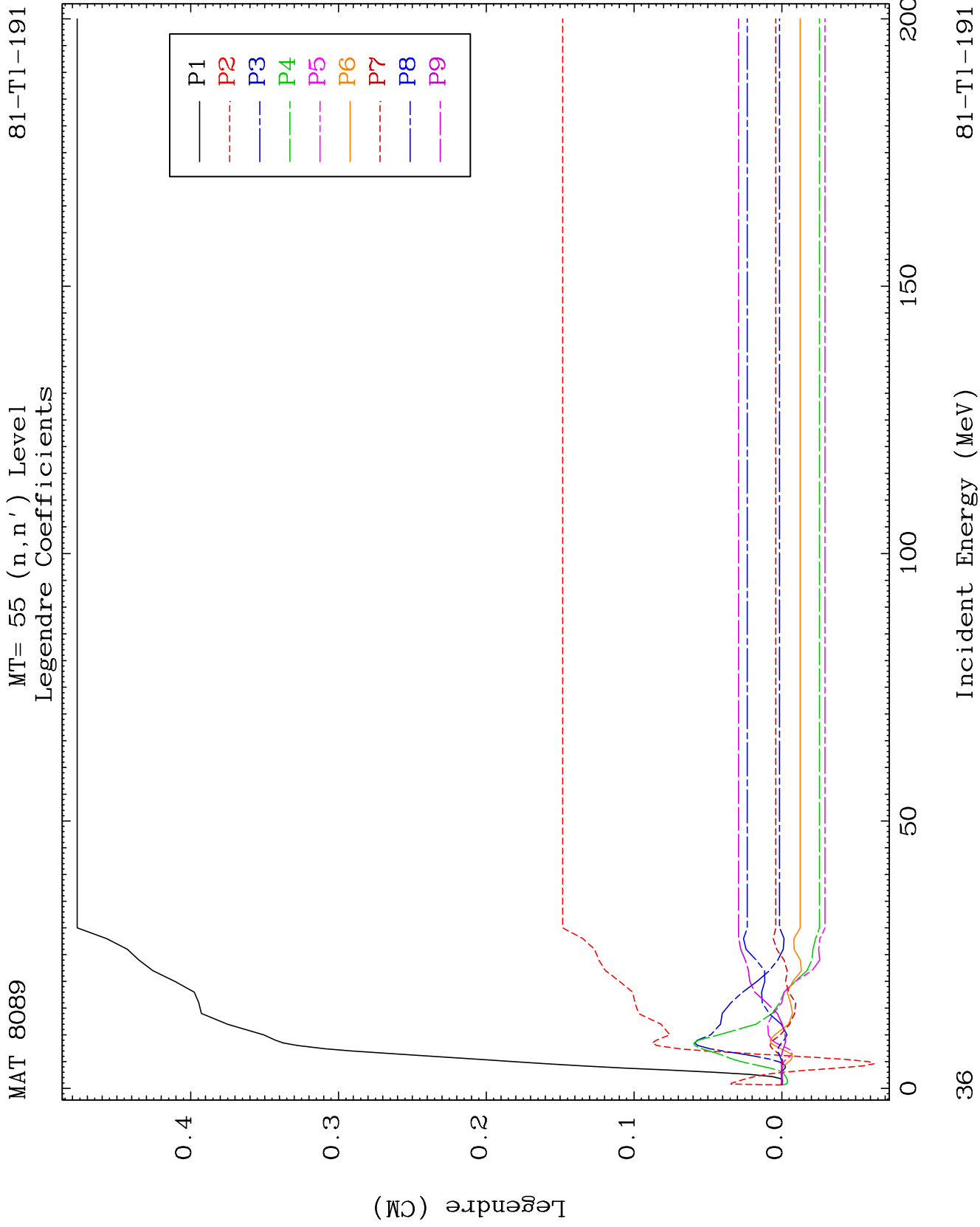
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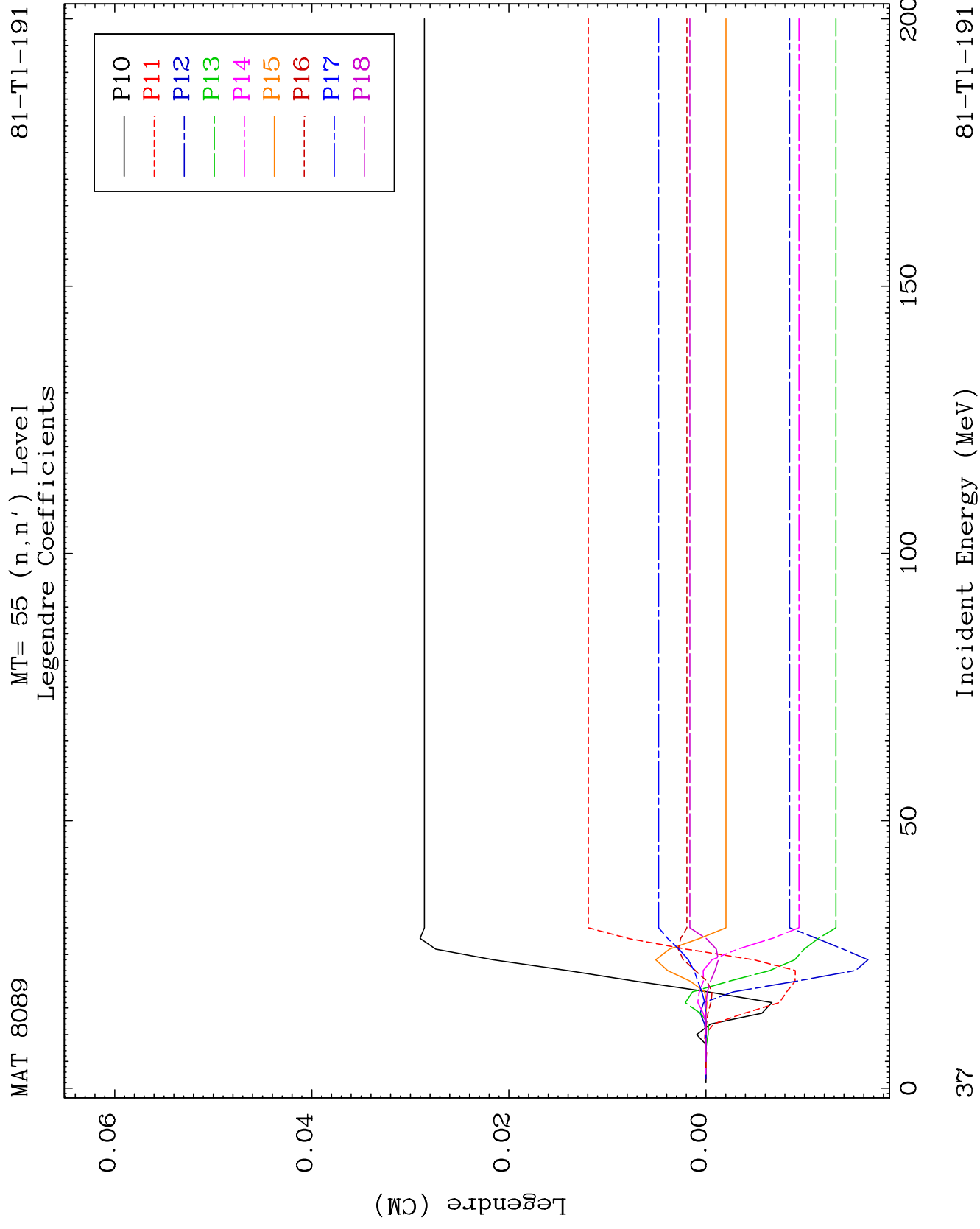


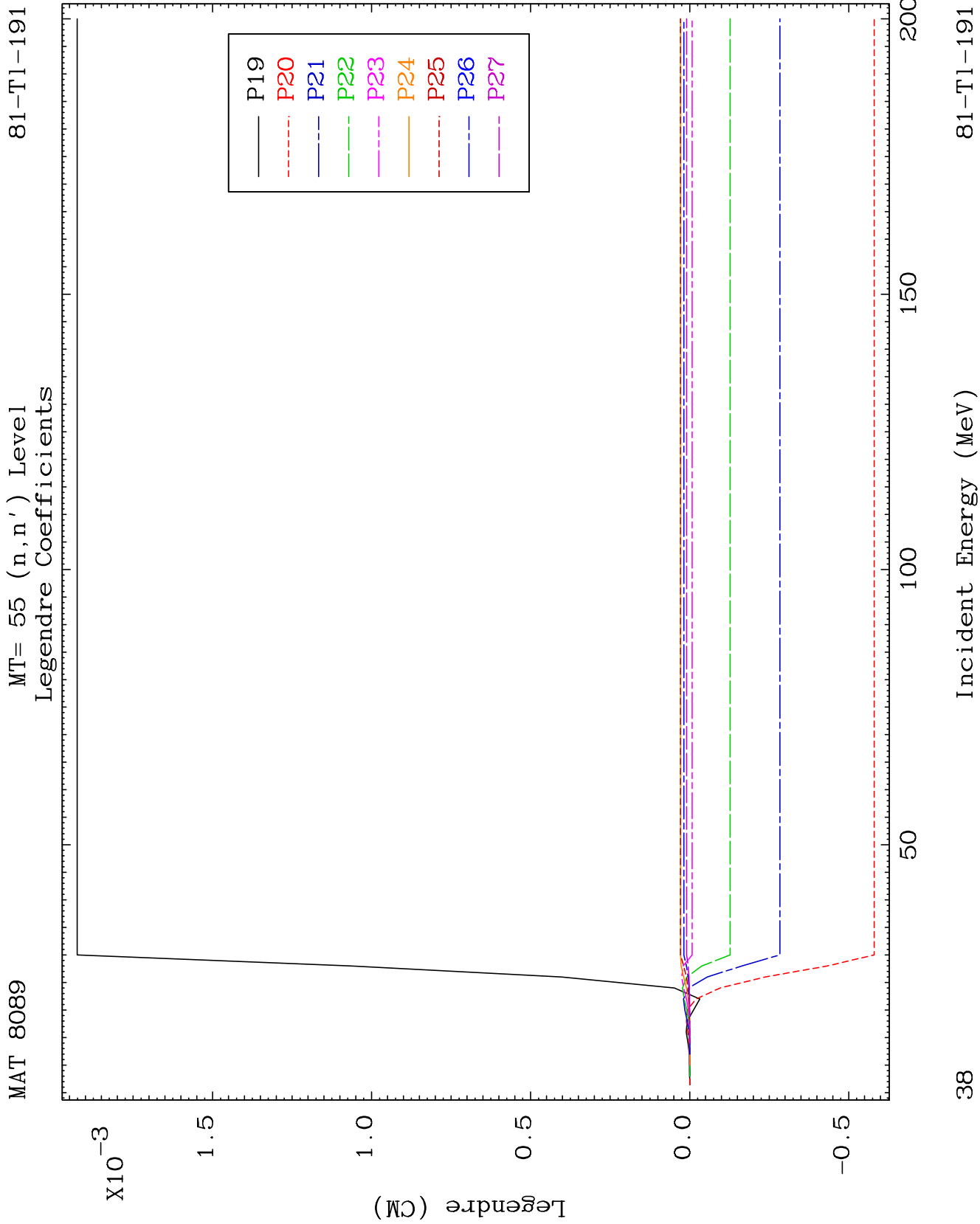
35

Incident Energy (MeV)

81-T1-191



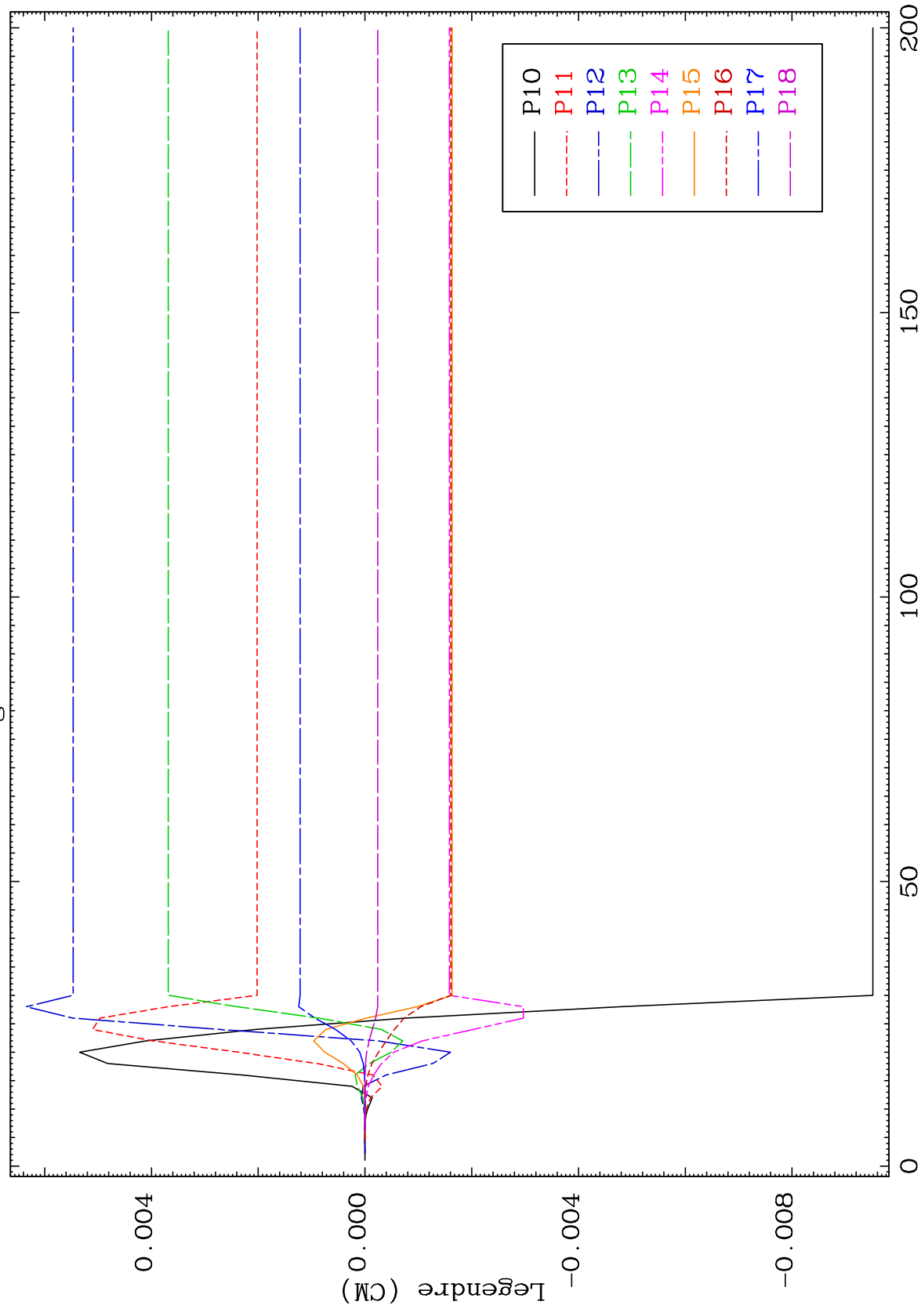




MAT 8089

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

81-T1-191



41

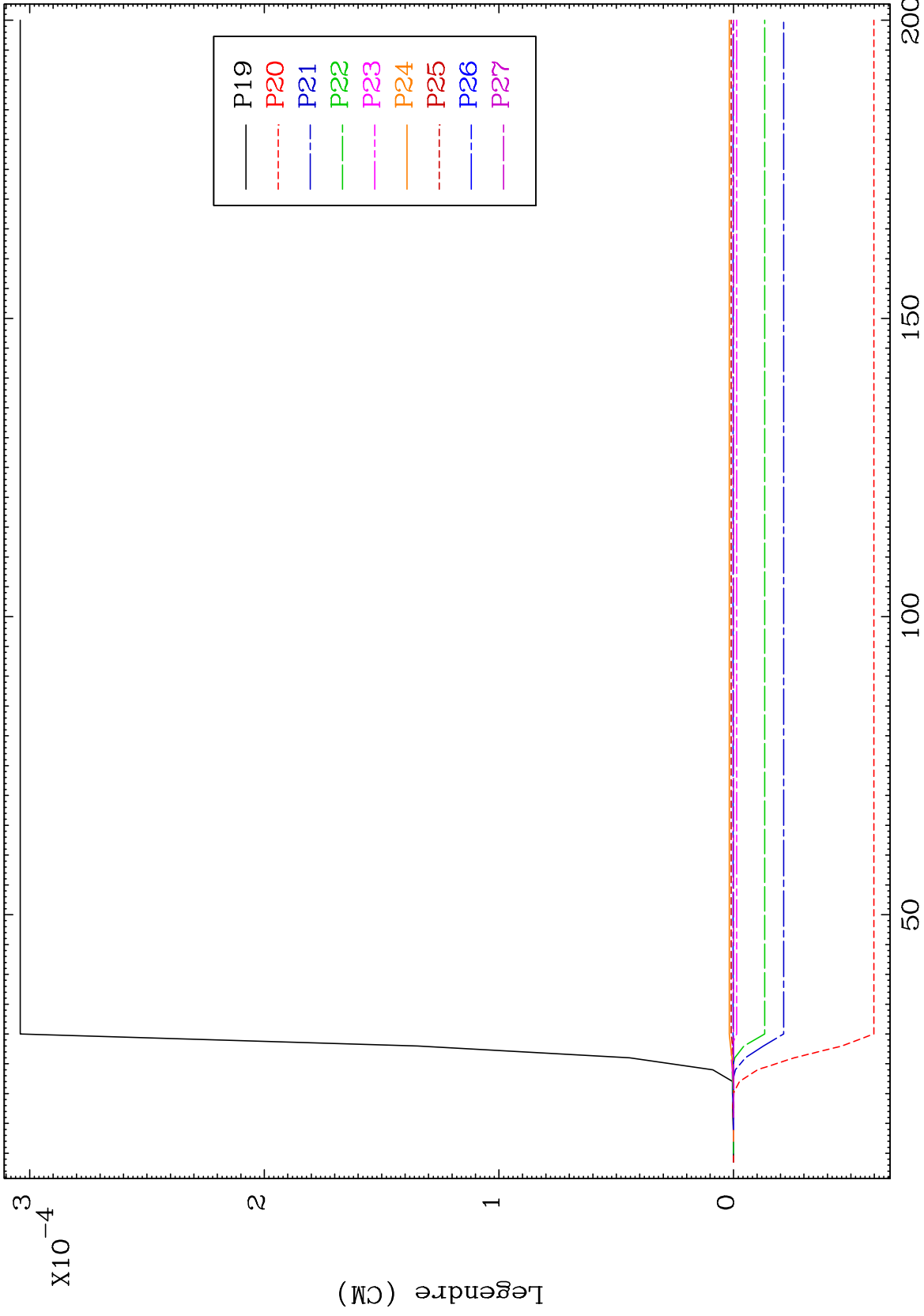
Incident Energy (MeV)

81-T1-191

MAT 8089

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

81-Tl-191



42

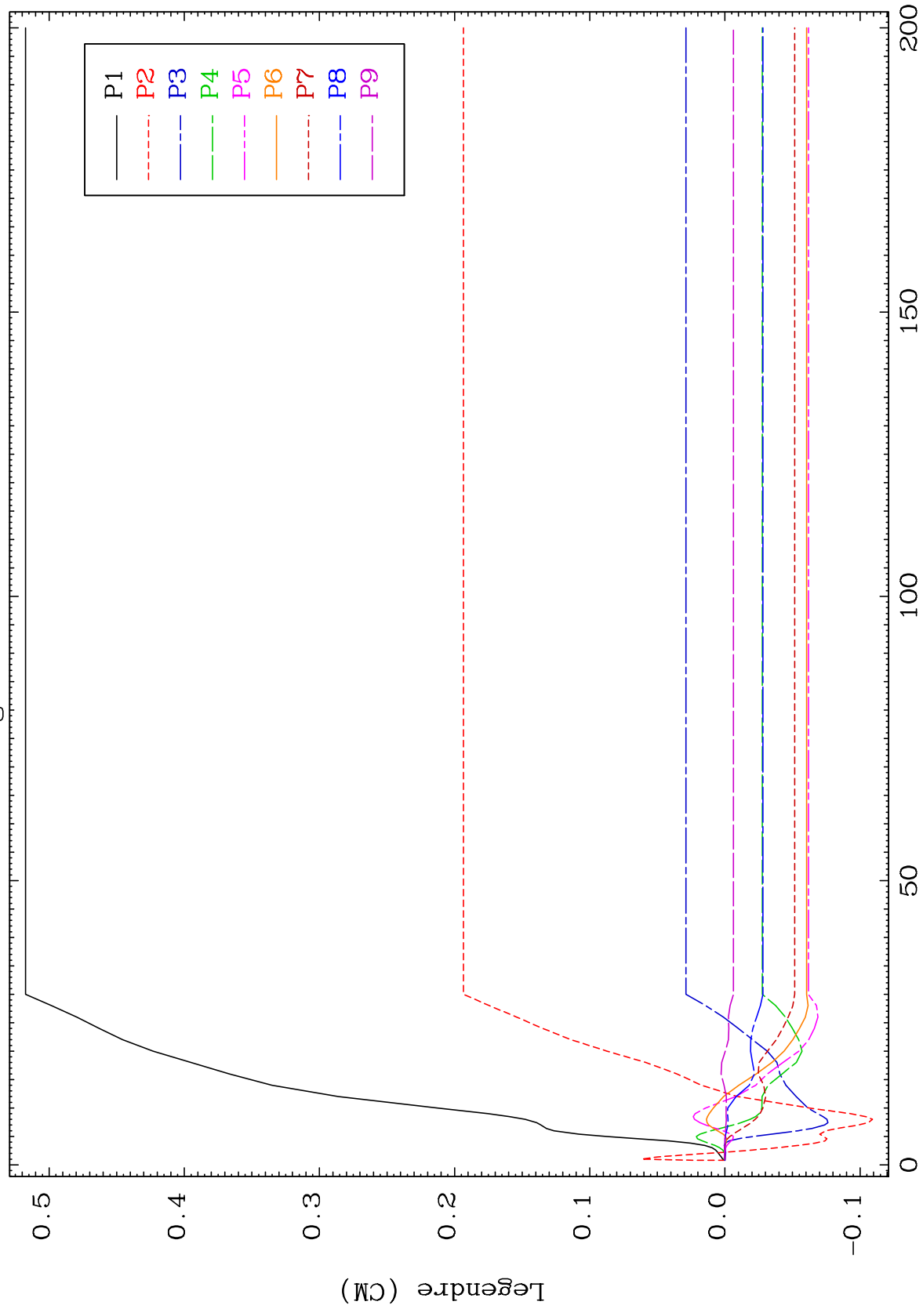
Incident Energy (MeV)

81-Tl-191

MAT 8089

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

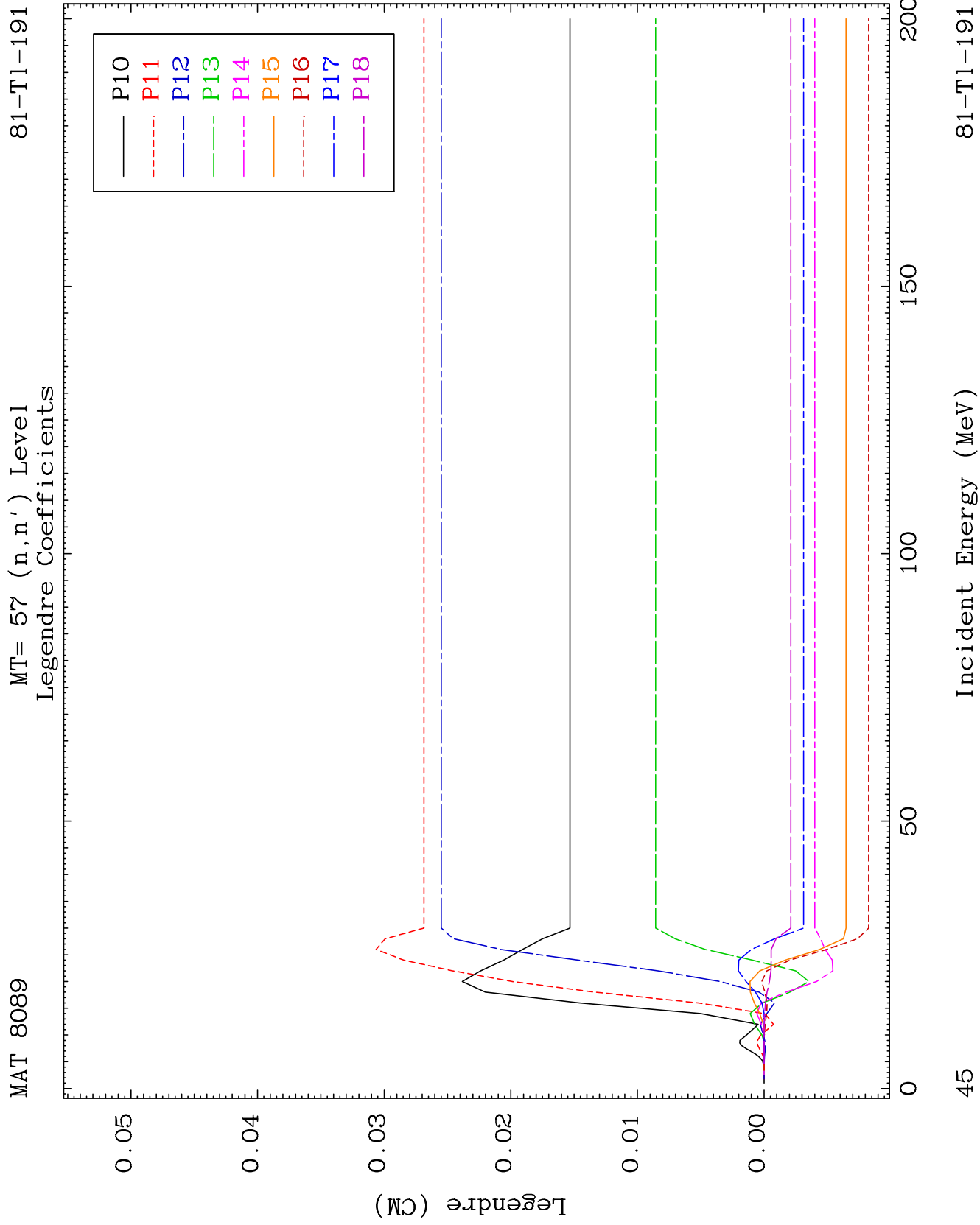
81-T1-191



44

Incident Energy (MeV)

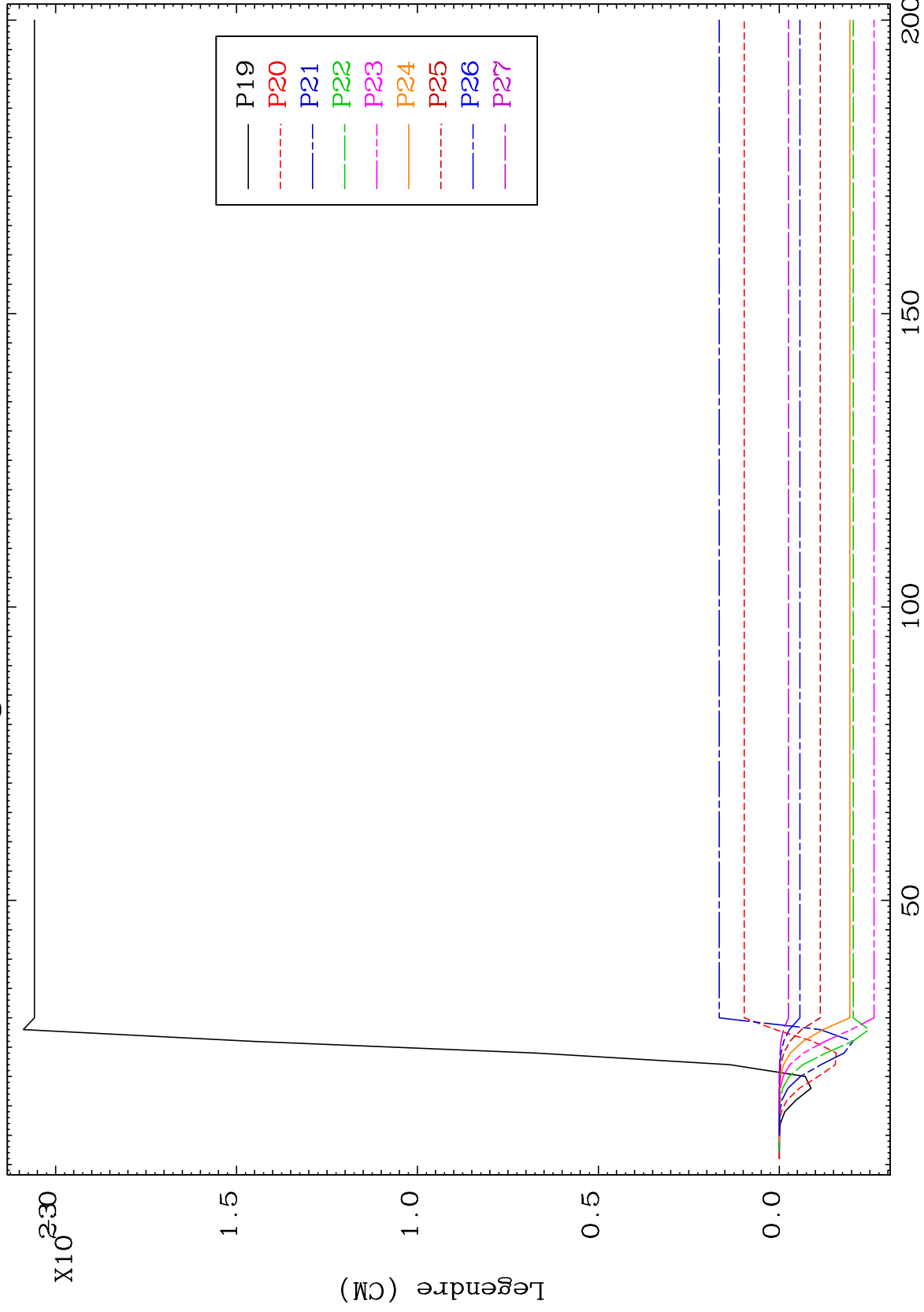
81-T1-191



MAT 8089

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

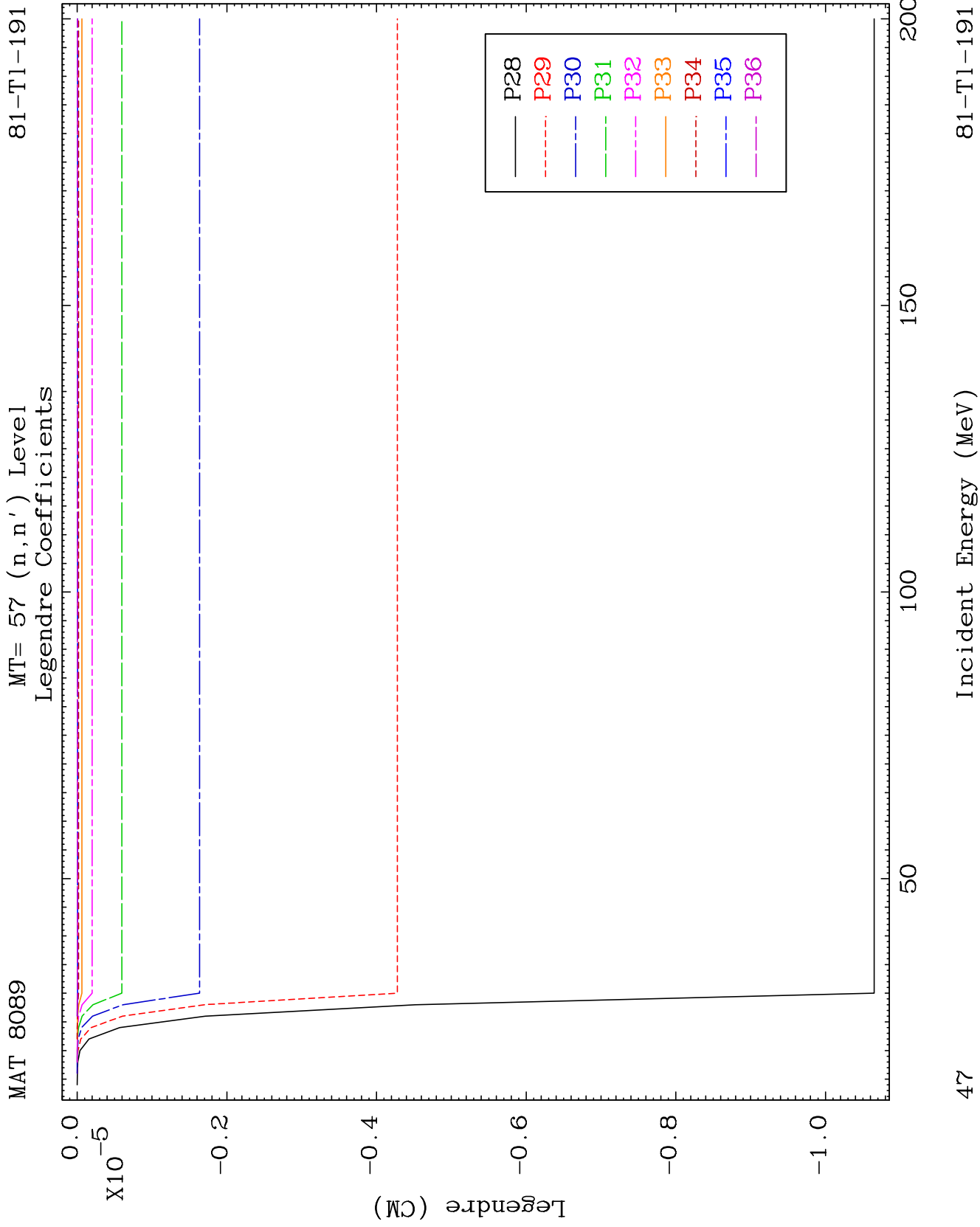
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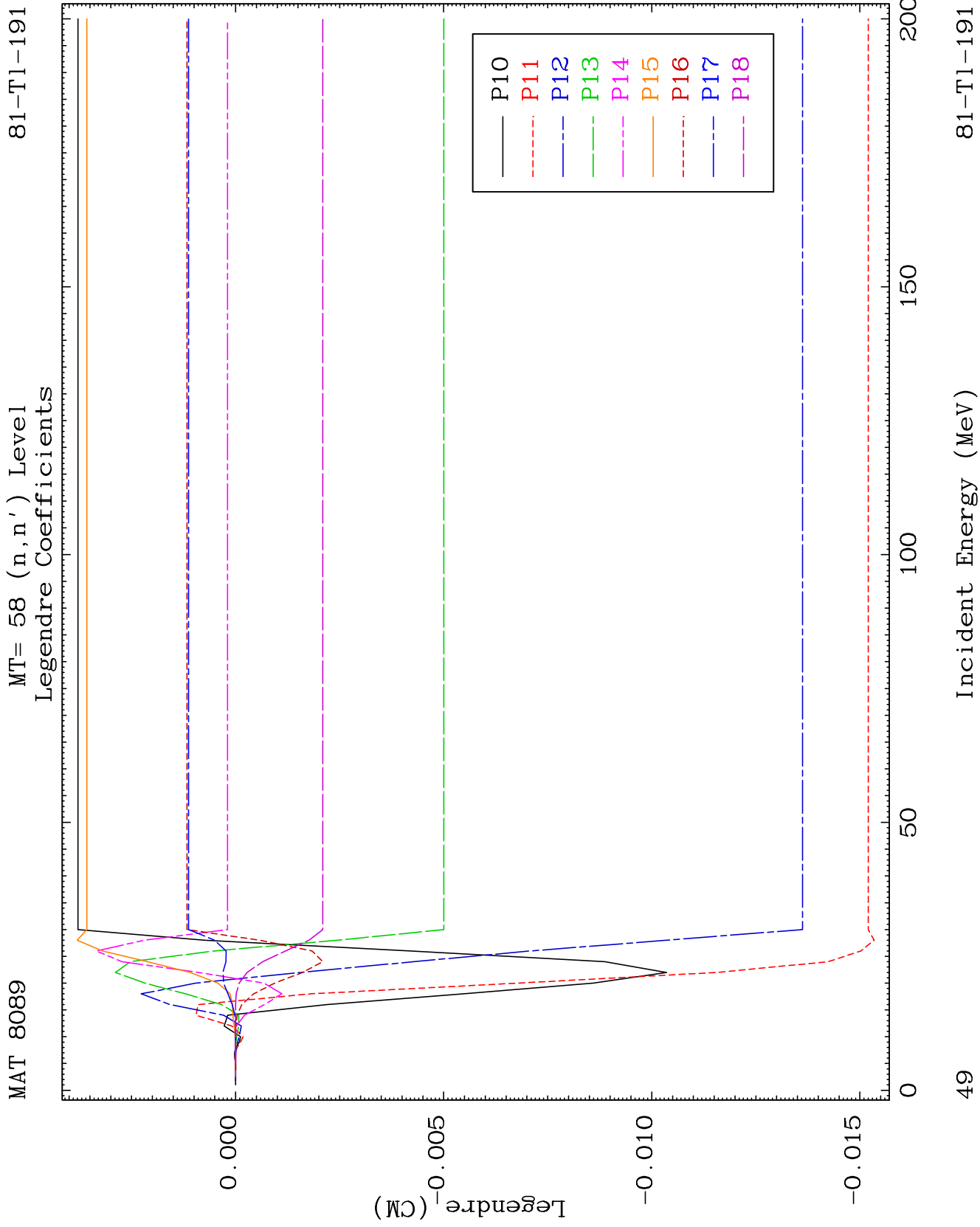


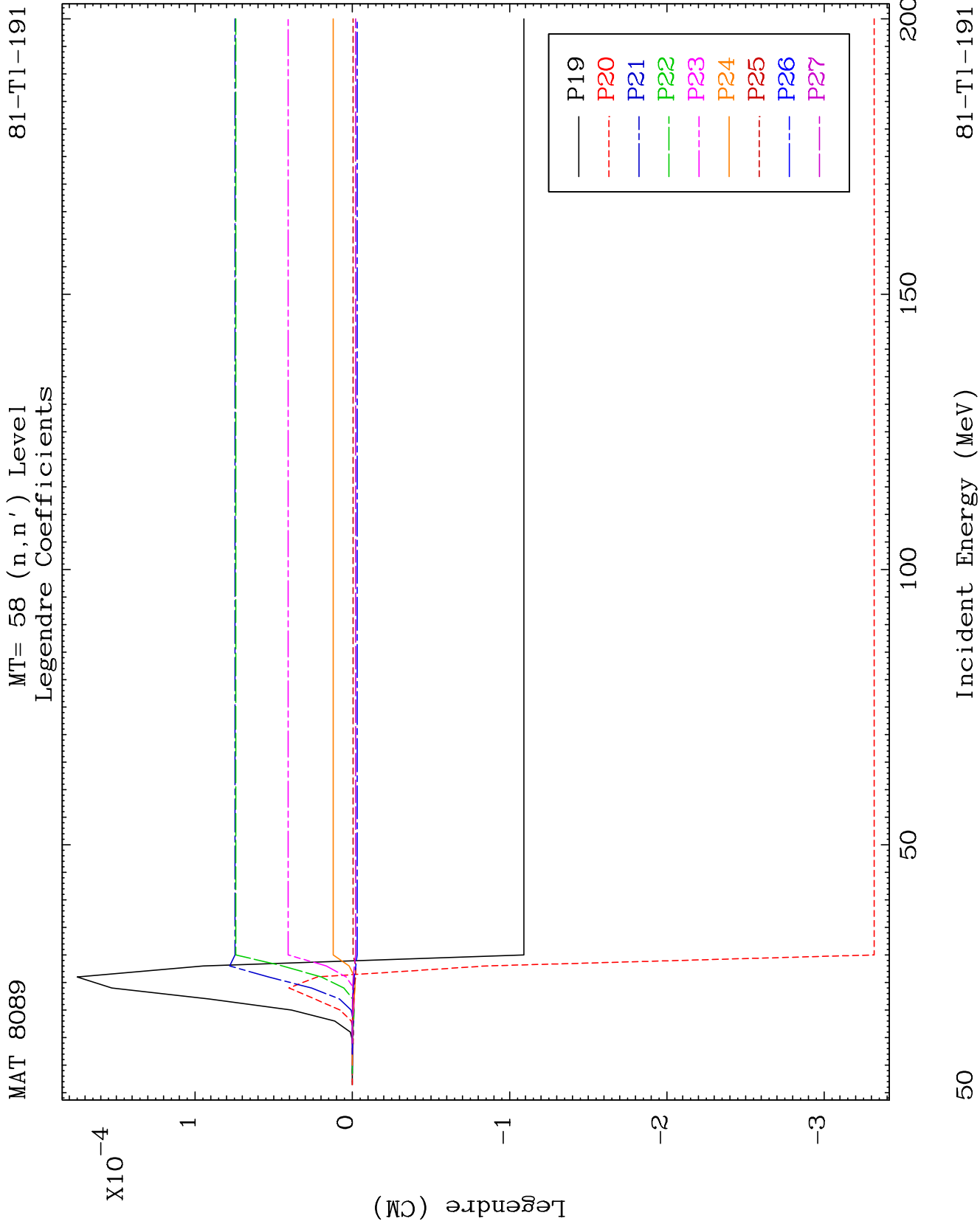
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Incident Energy (MeV)

81-Tl-191



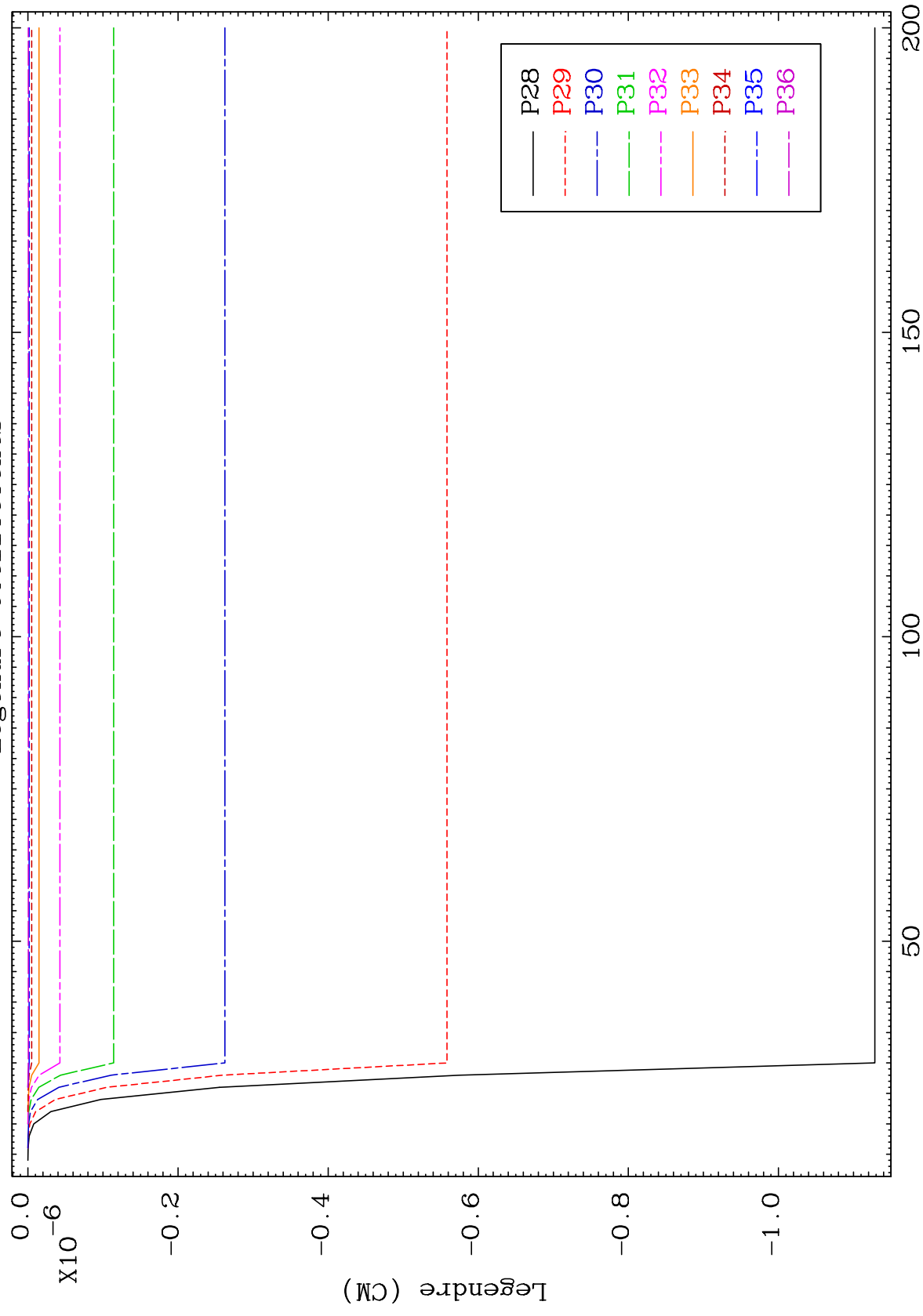




MAT 8089

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

81-T1-191



51

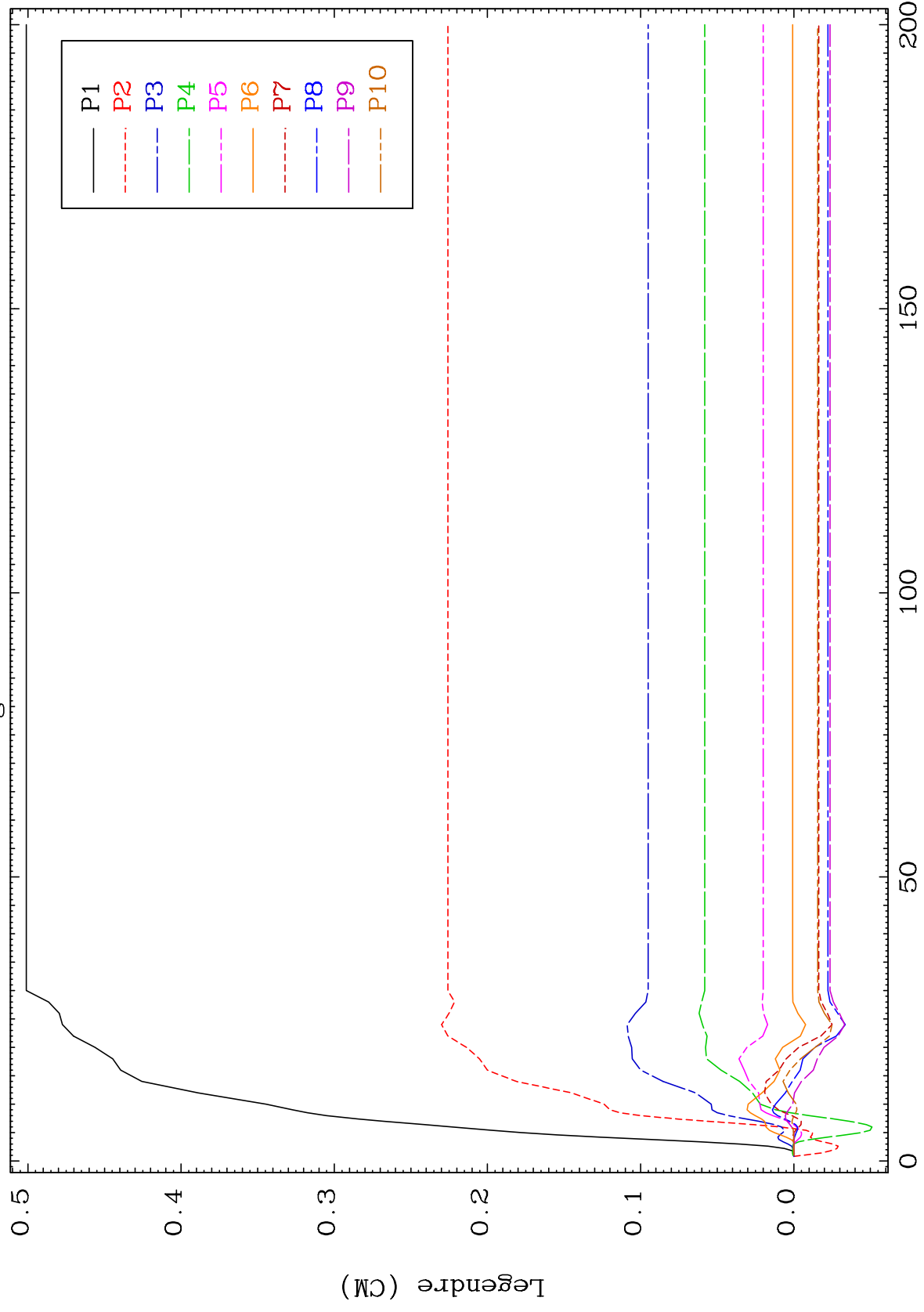
Incident Energy (MeV)

81-T1-191

MAT 8089

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

81-T1-191



52

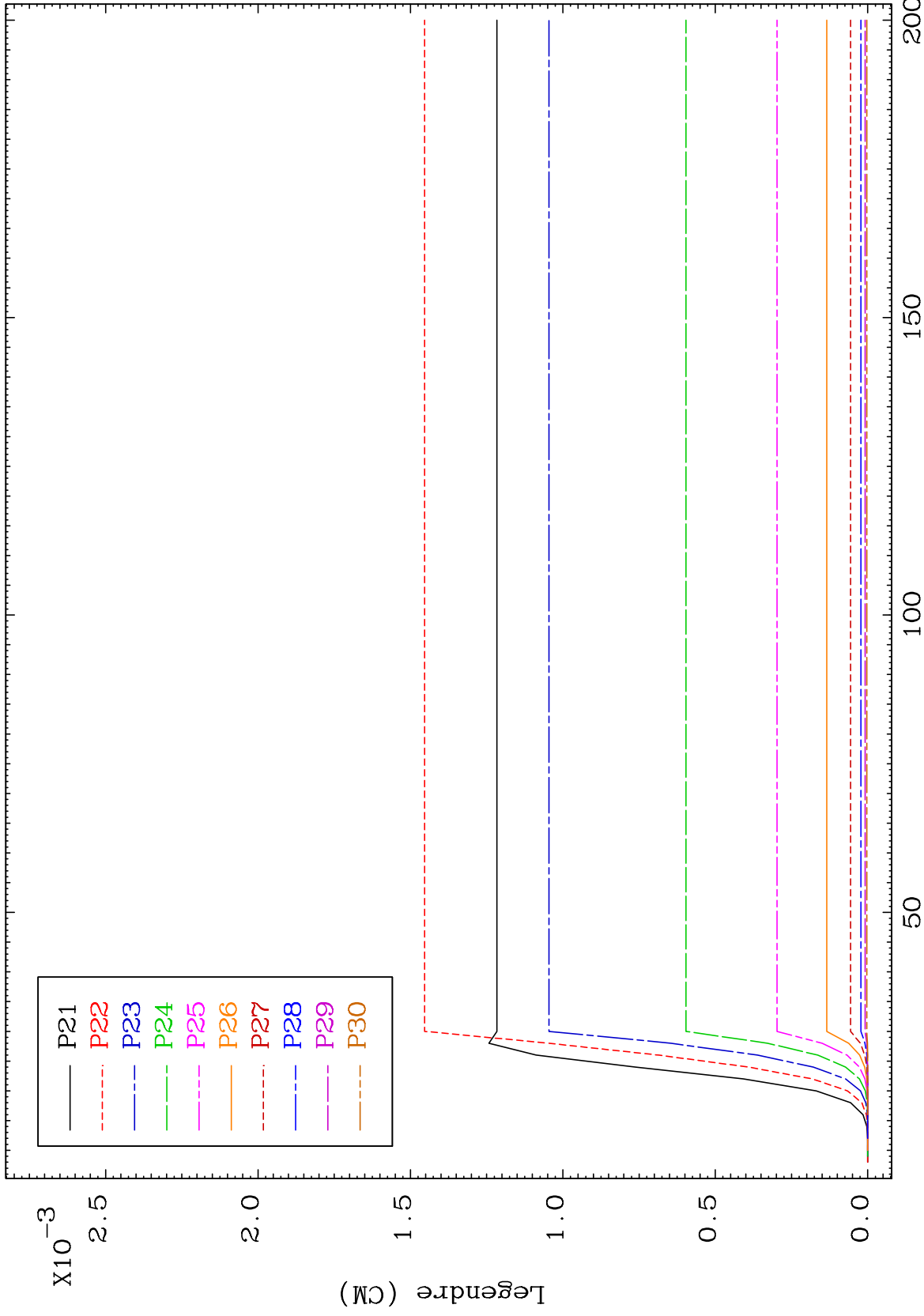
Incident Energy (MeV)

81-T1-191

MAT 8089

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

81-Tl-191



54

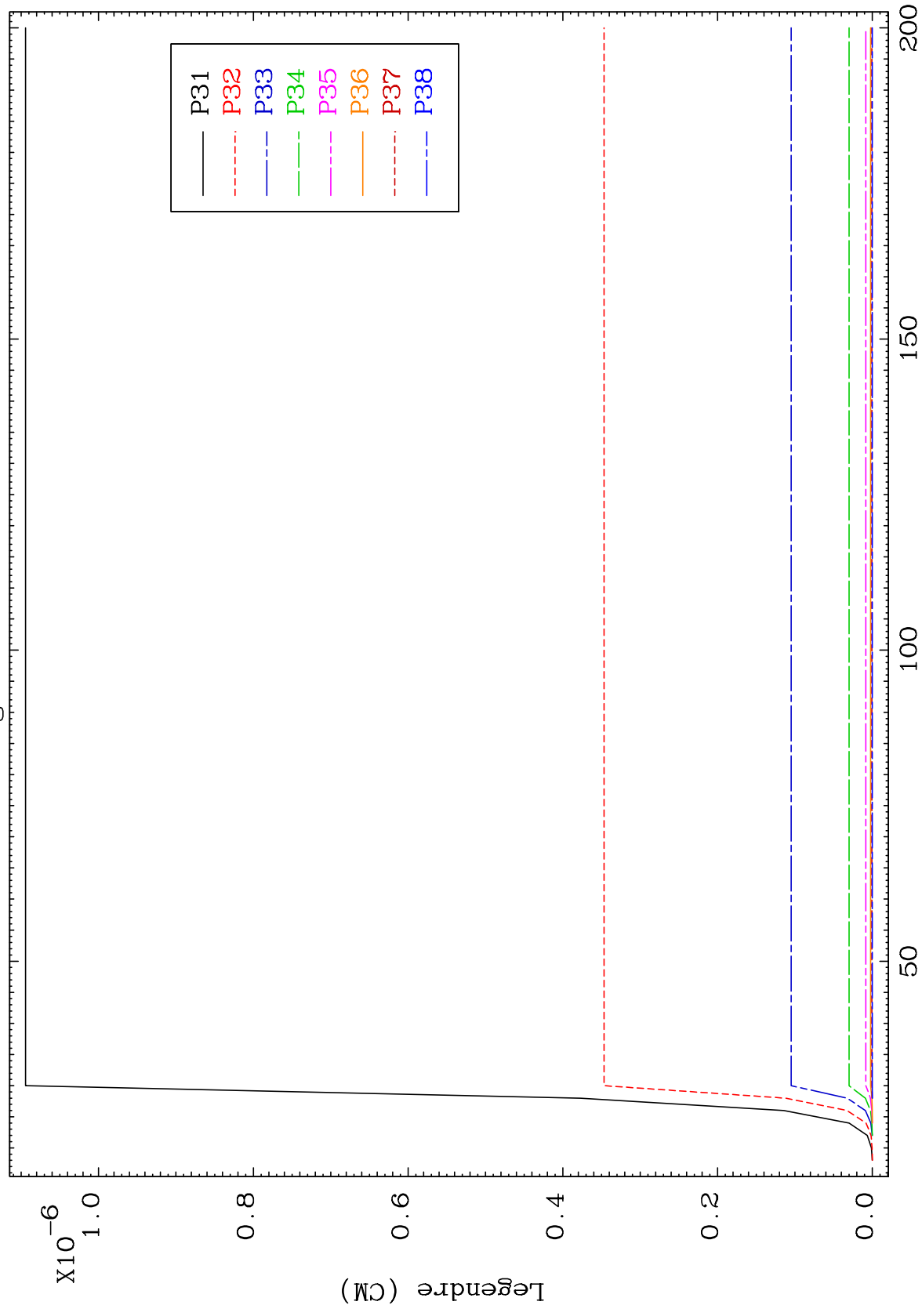
Incident Energy (MeV)

81-Tl-191

MAT 8089

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

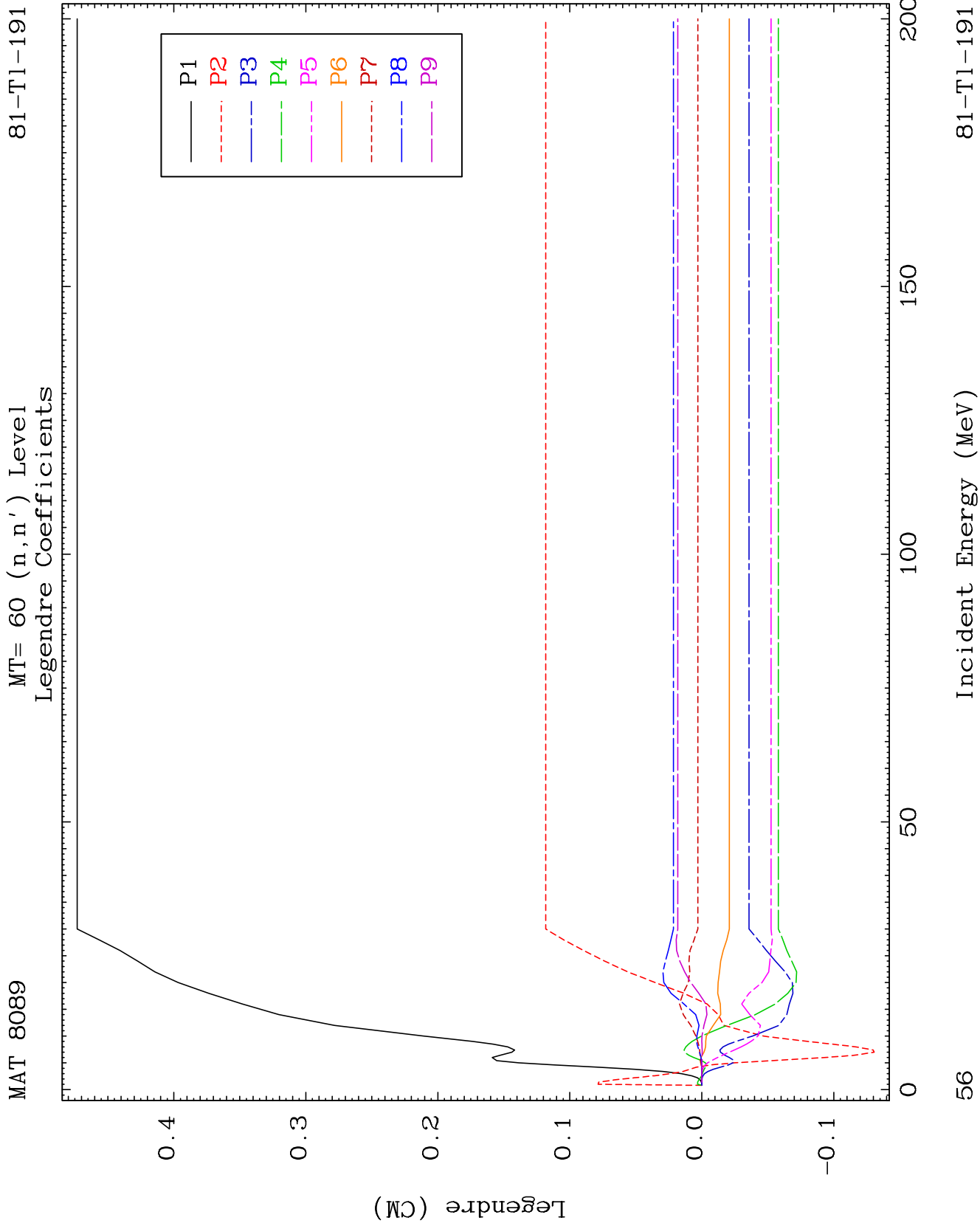
81-T1-191



55

Incident Energy (MeV)

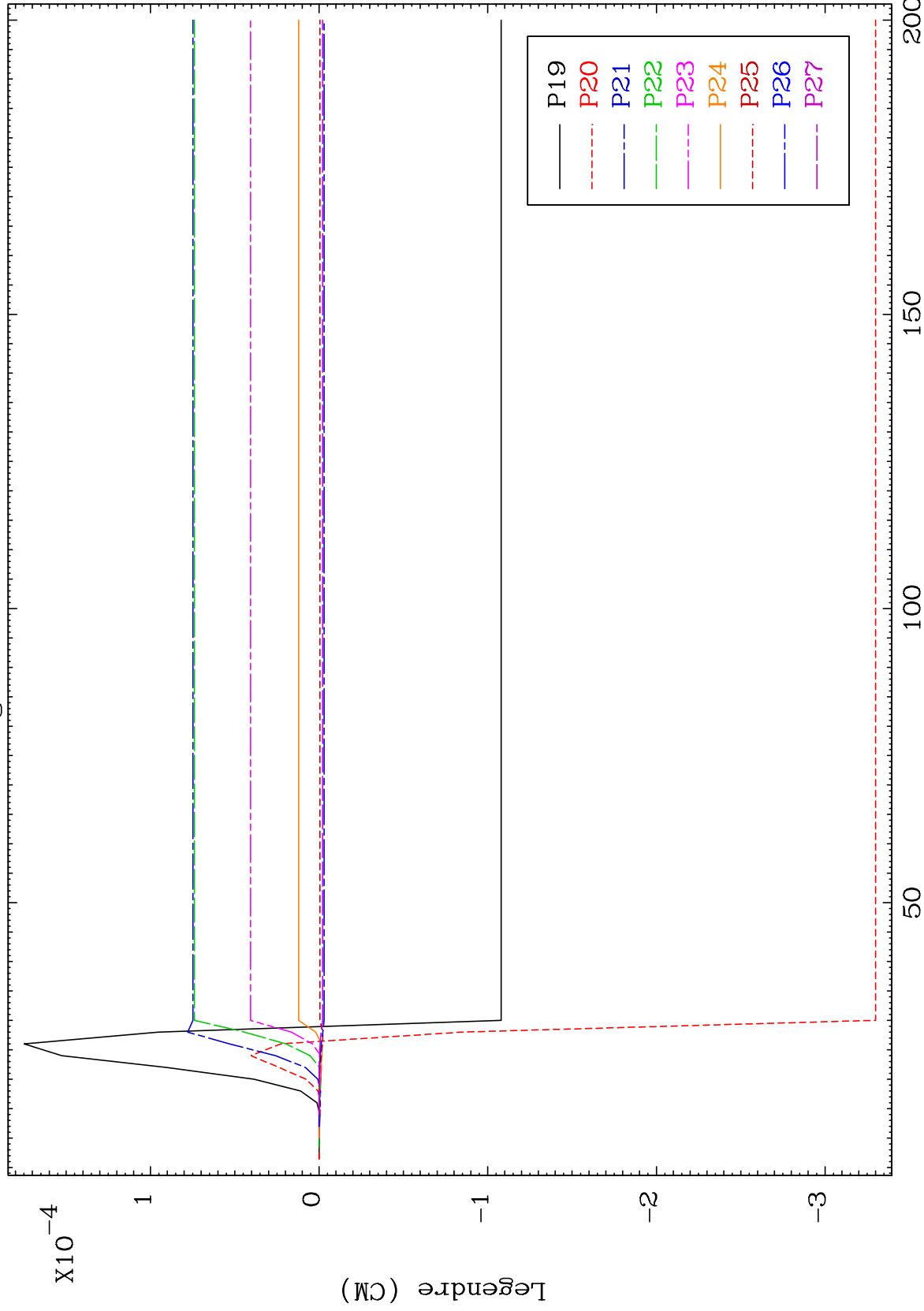
81-T1-191



MAT 8089

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

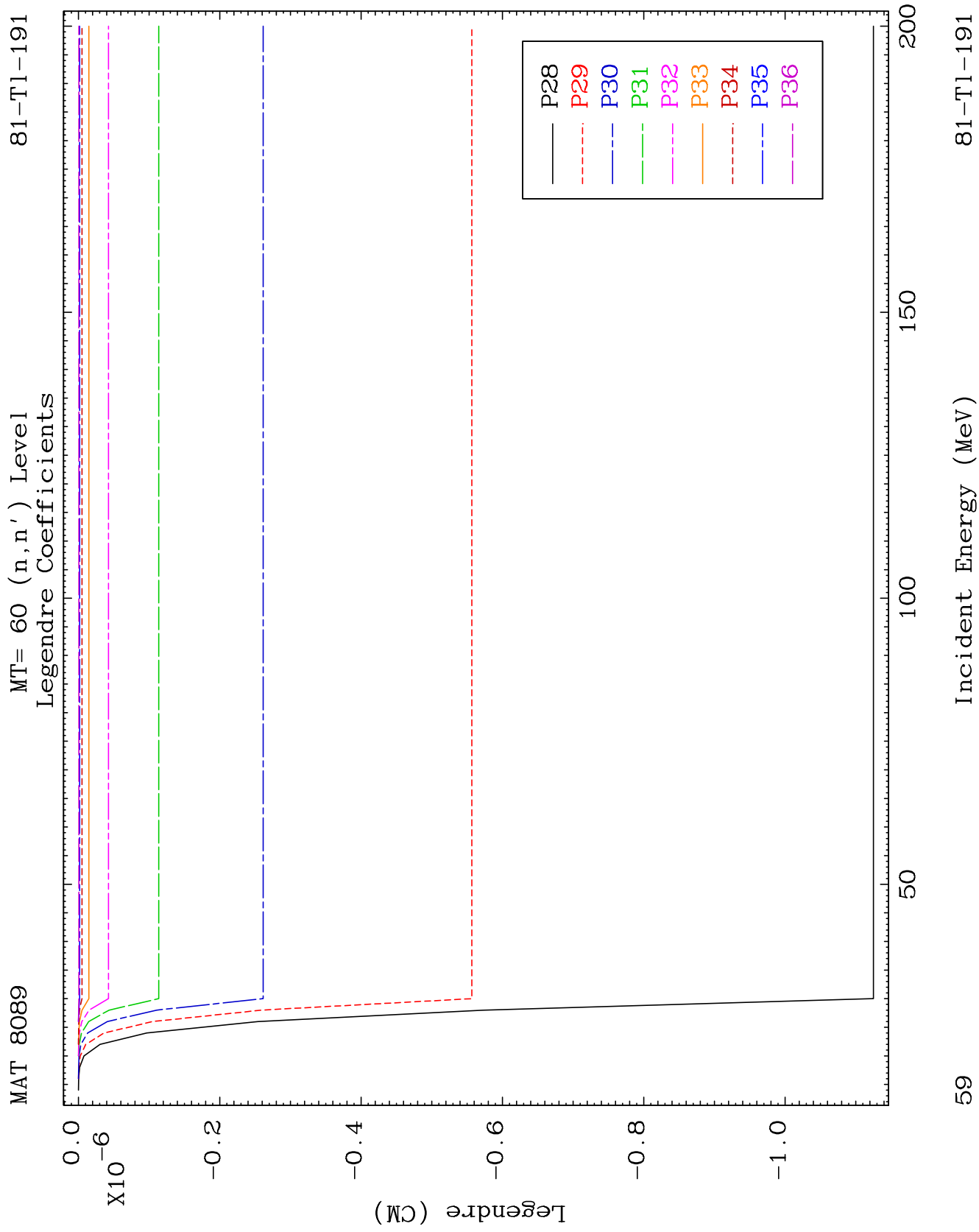
81-Tl-191



58

Incident Energy (MeV)

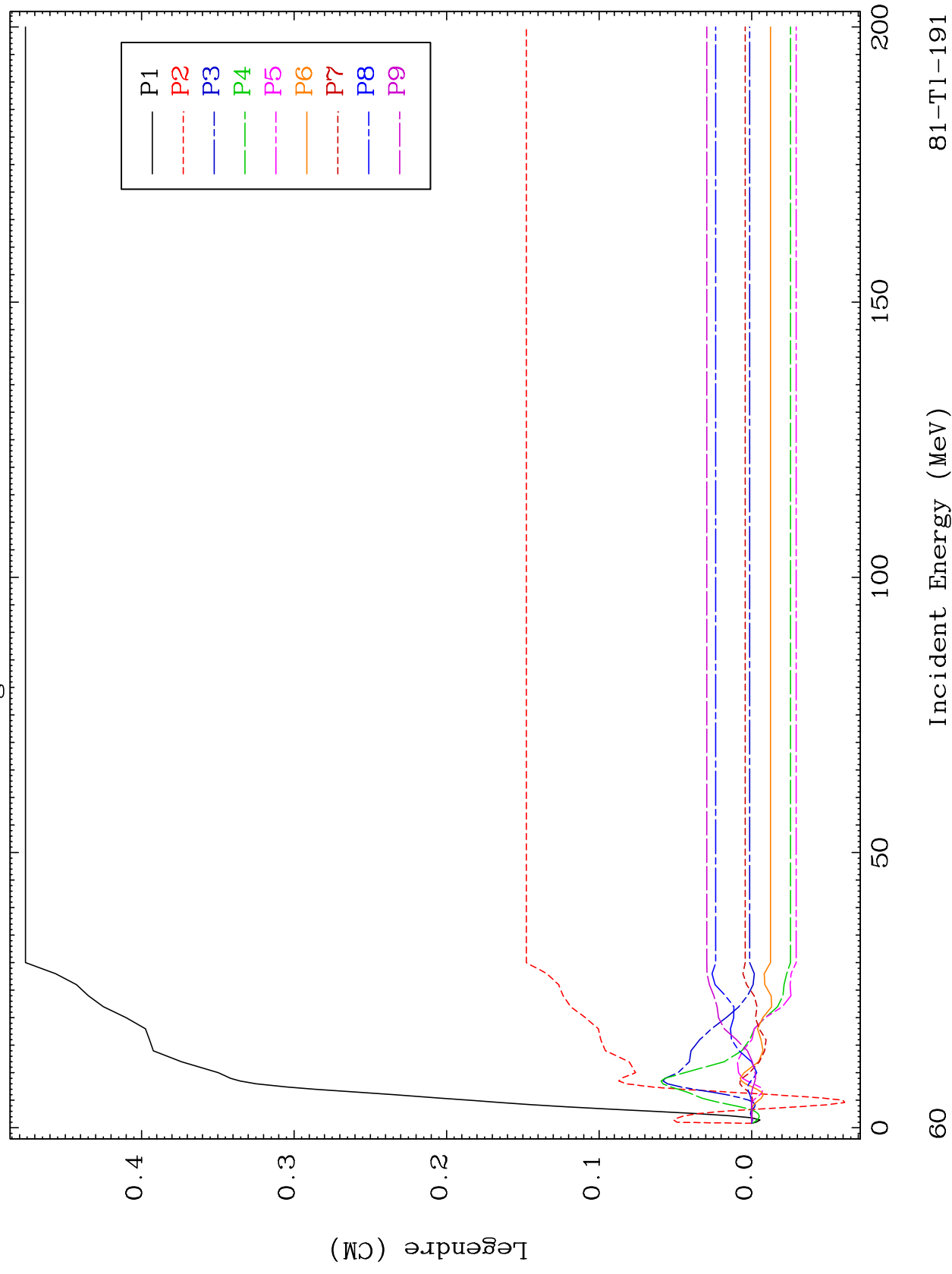
81-Tl-191

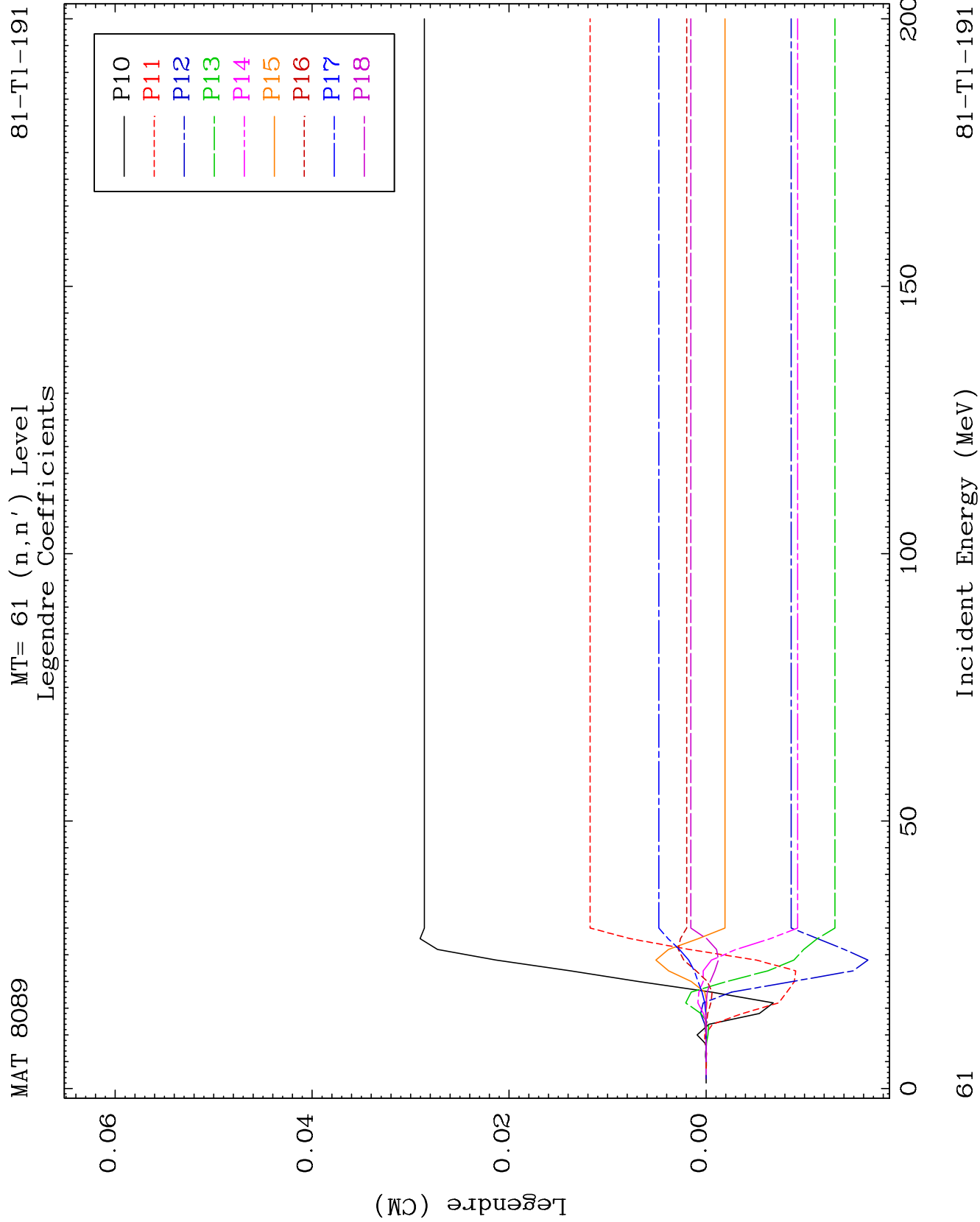


MAT 8089

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

81-T1-191

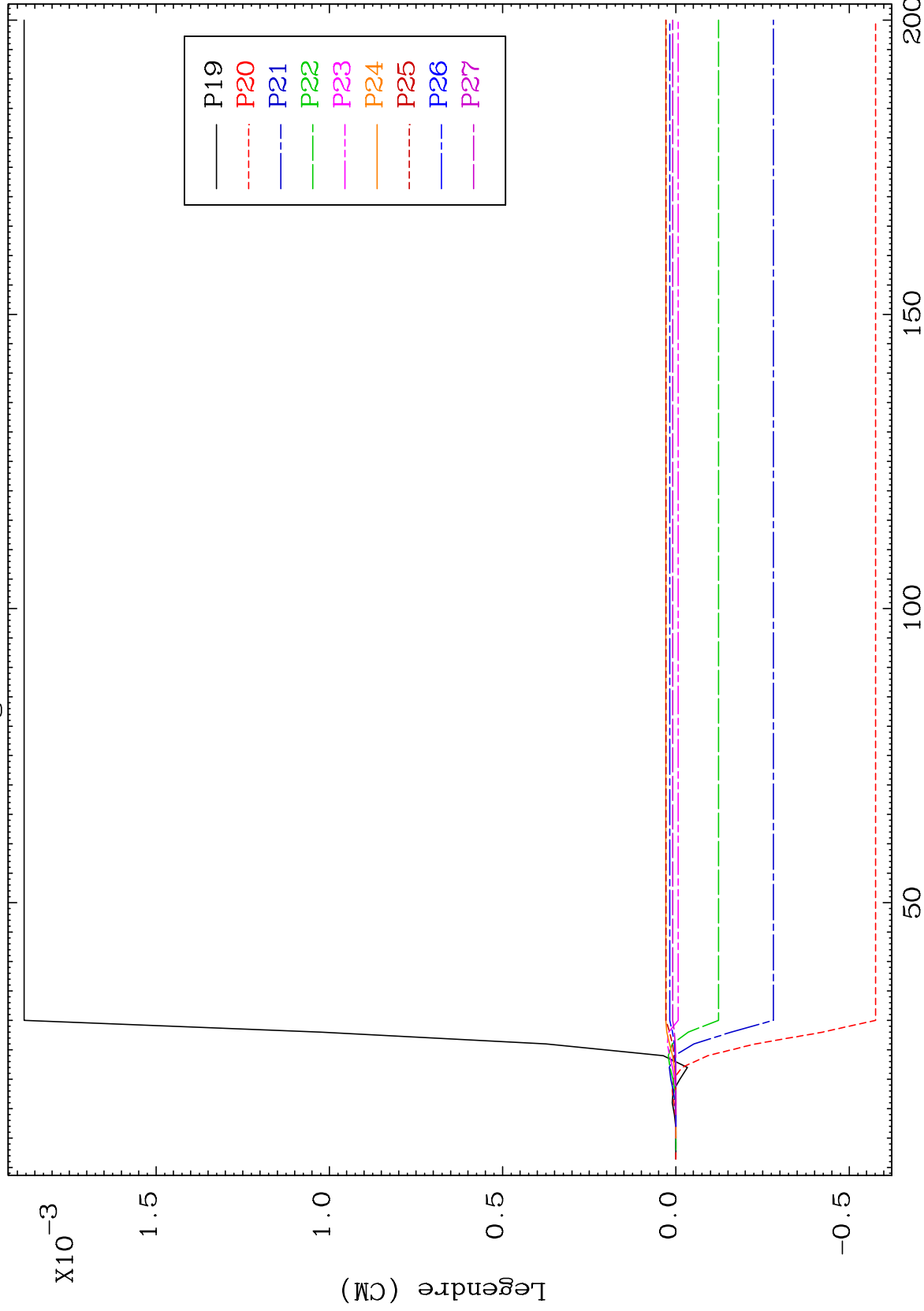




MAT 8089

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

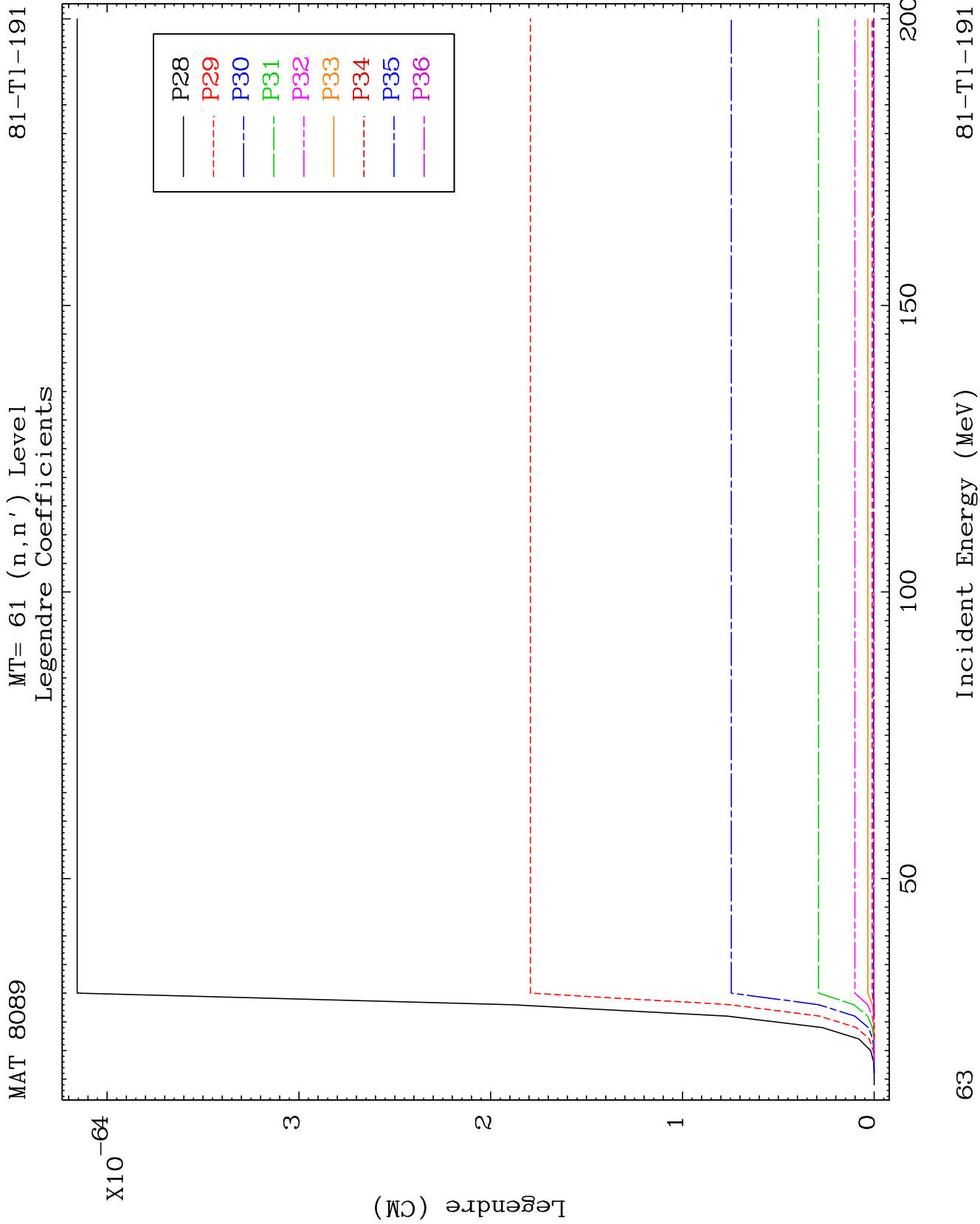
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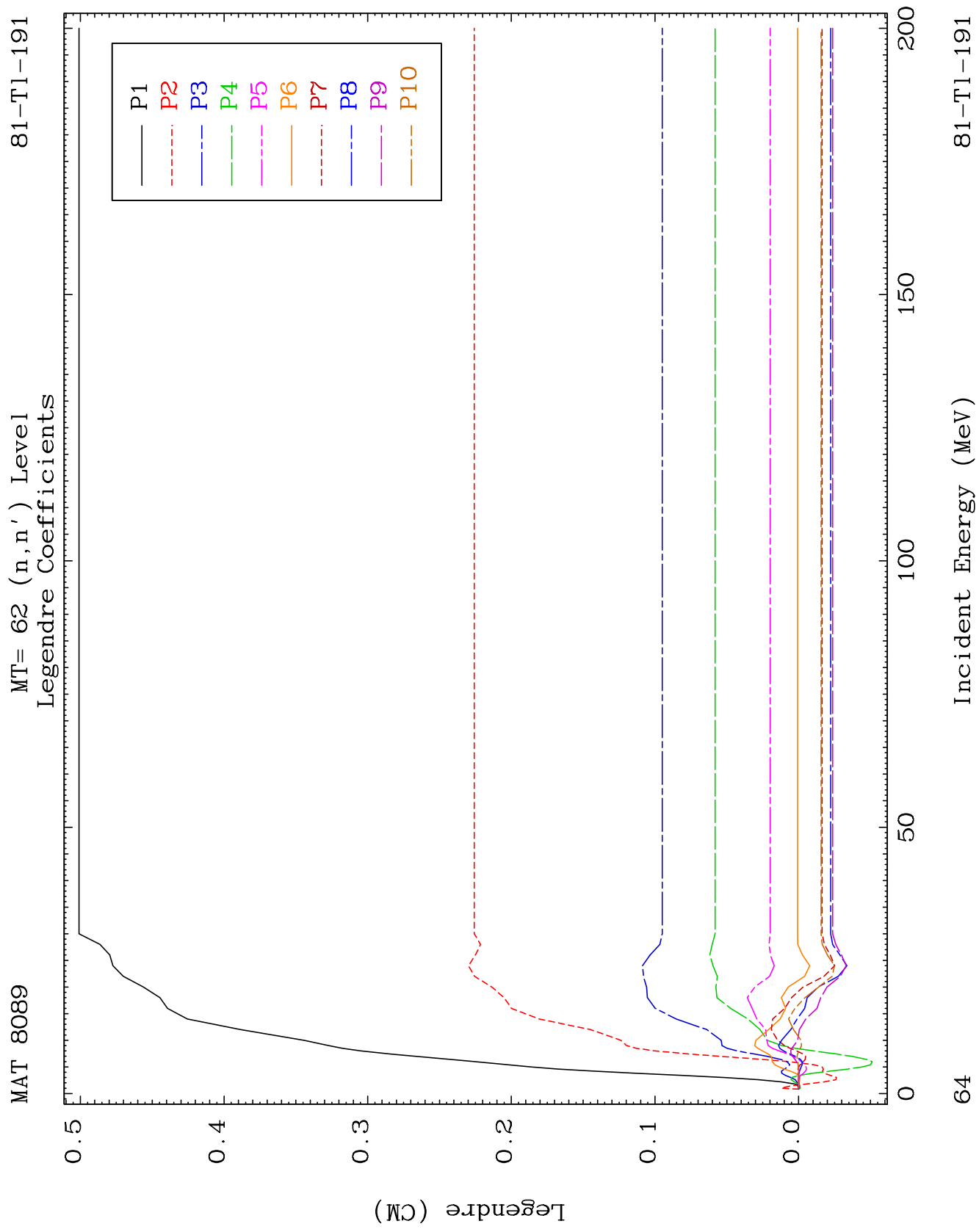


62

Incident Energy (MeV)

81-Tl-191

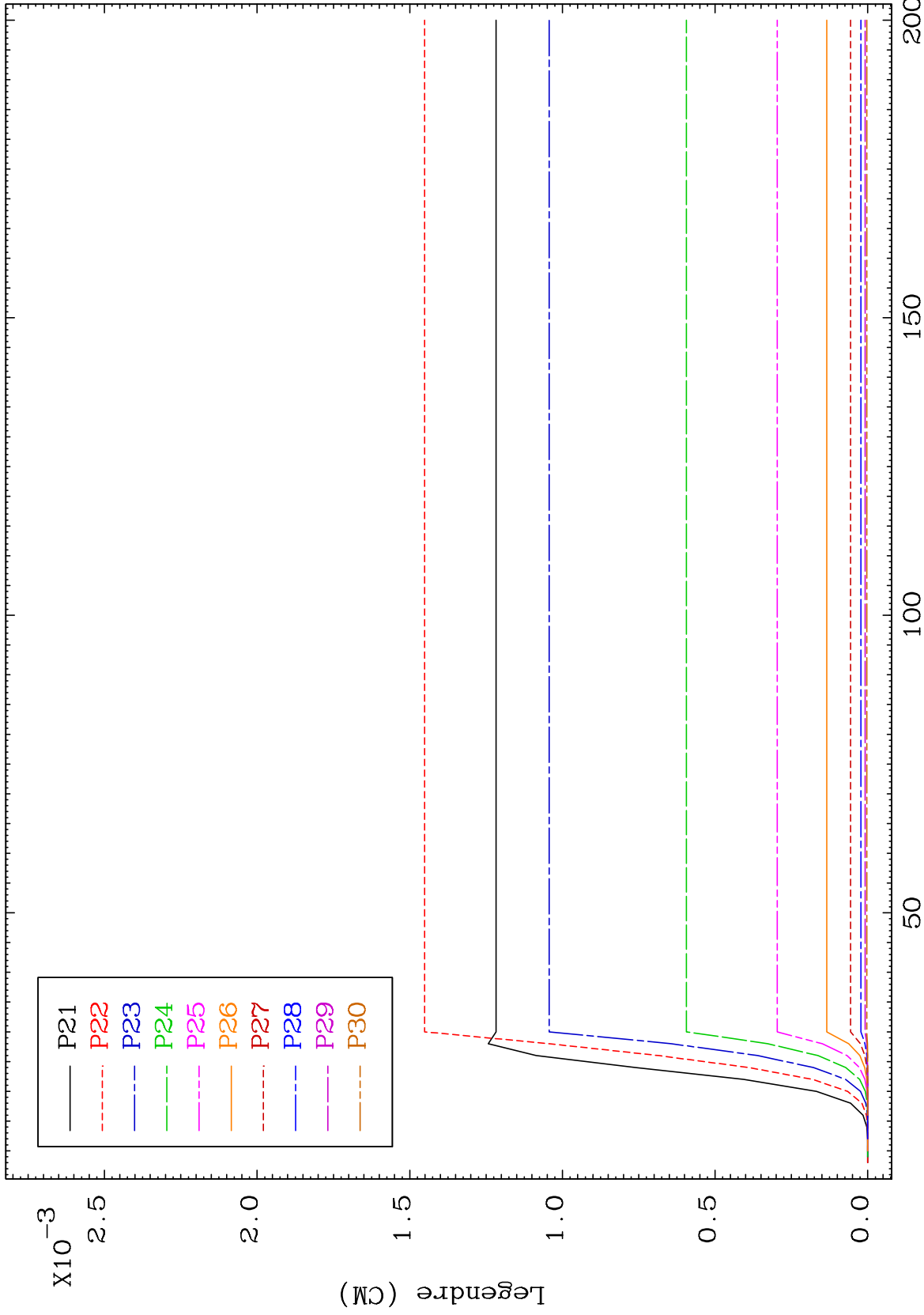




MAT 8089

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

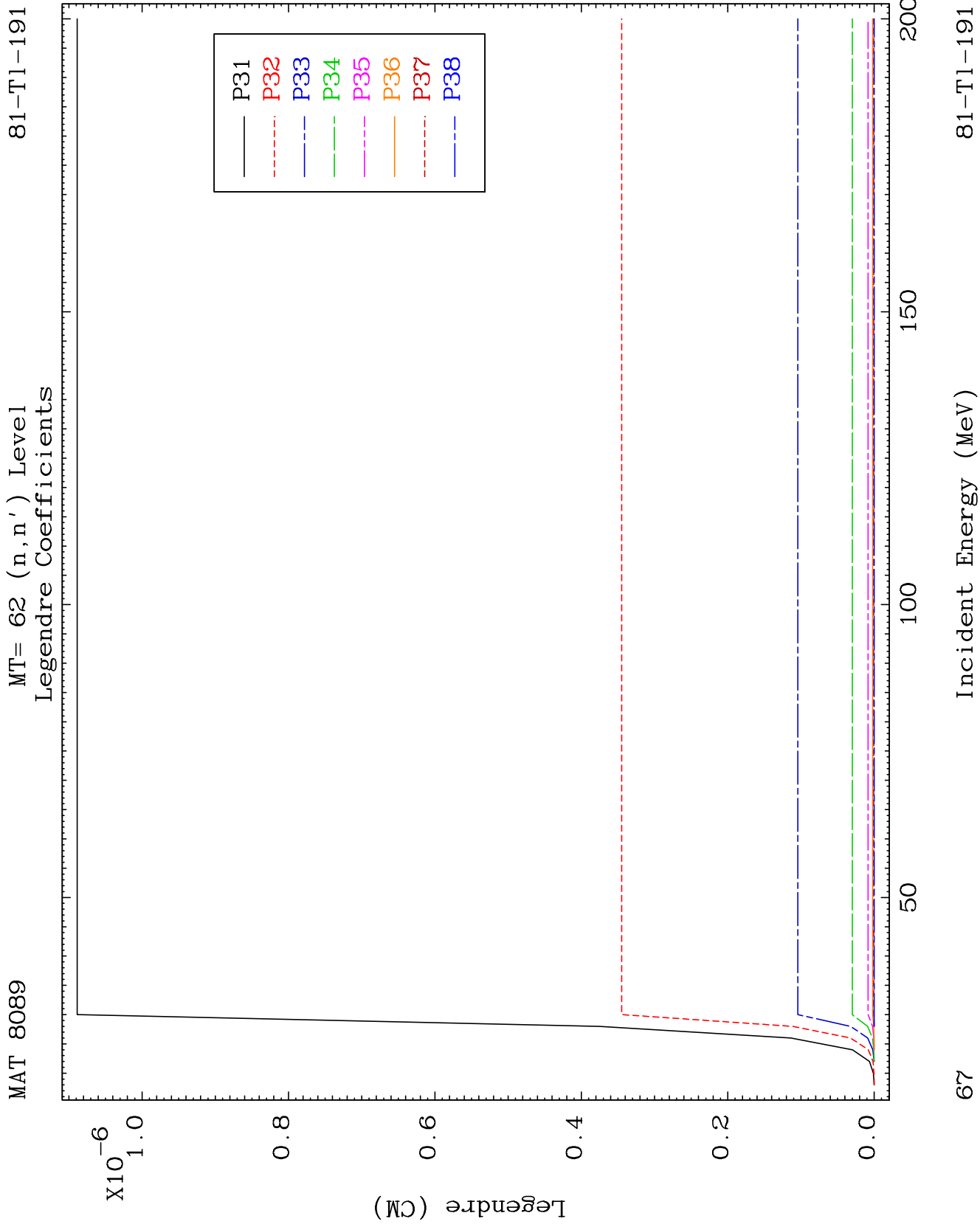
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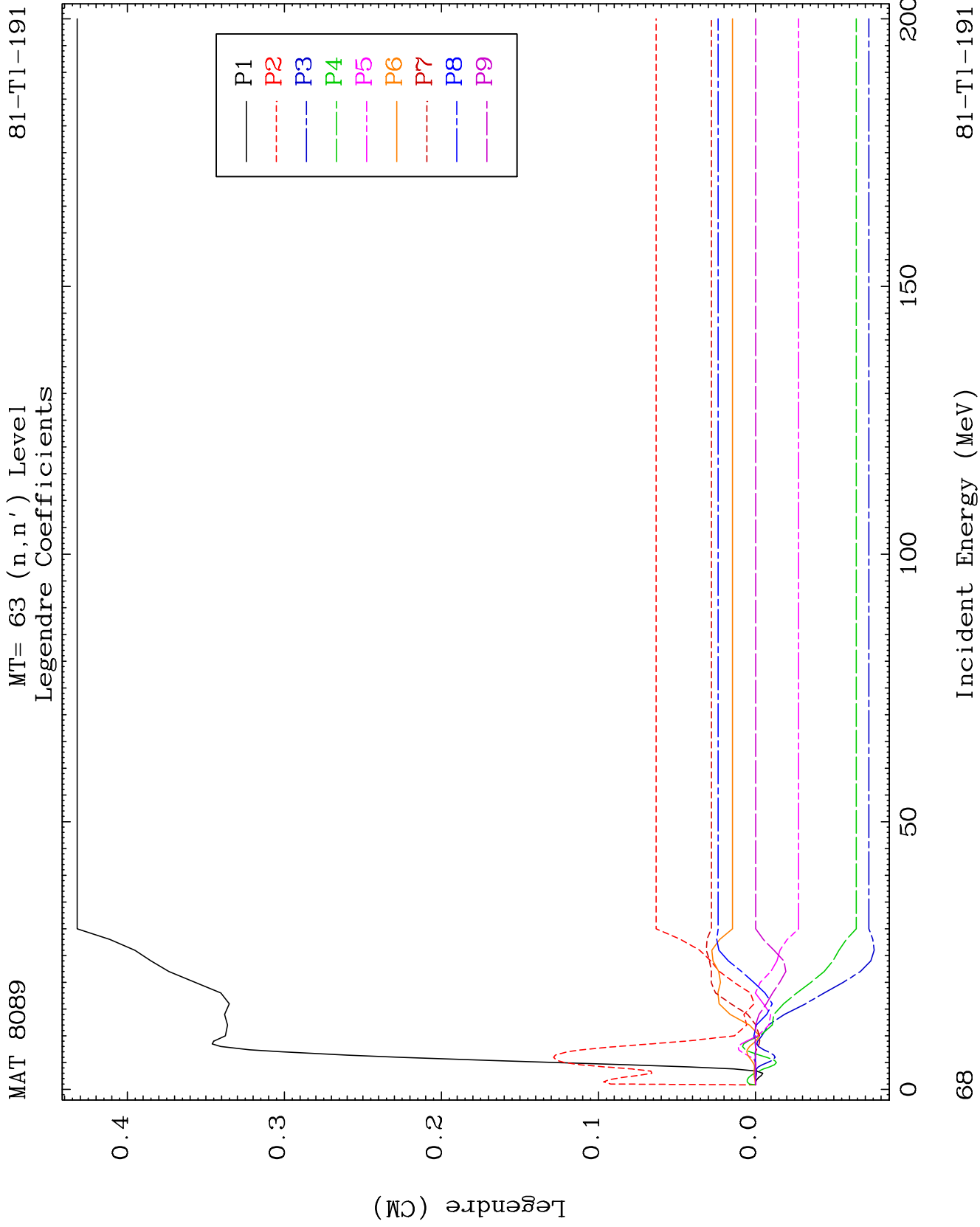


66

Incident Energy (MeV)

81-Tl-191

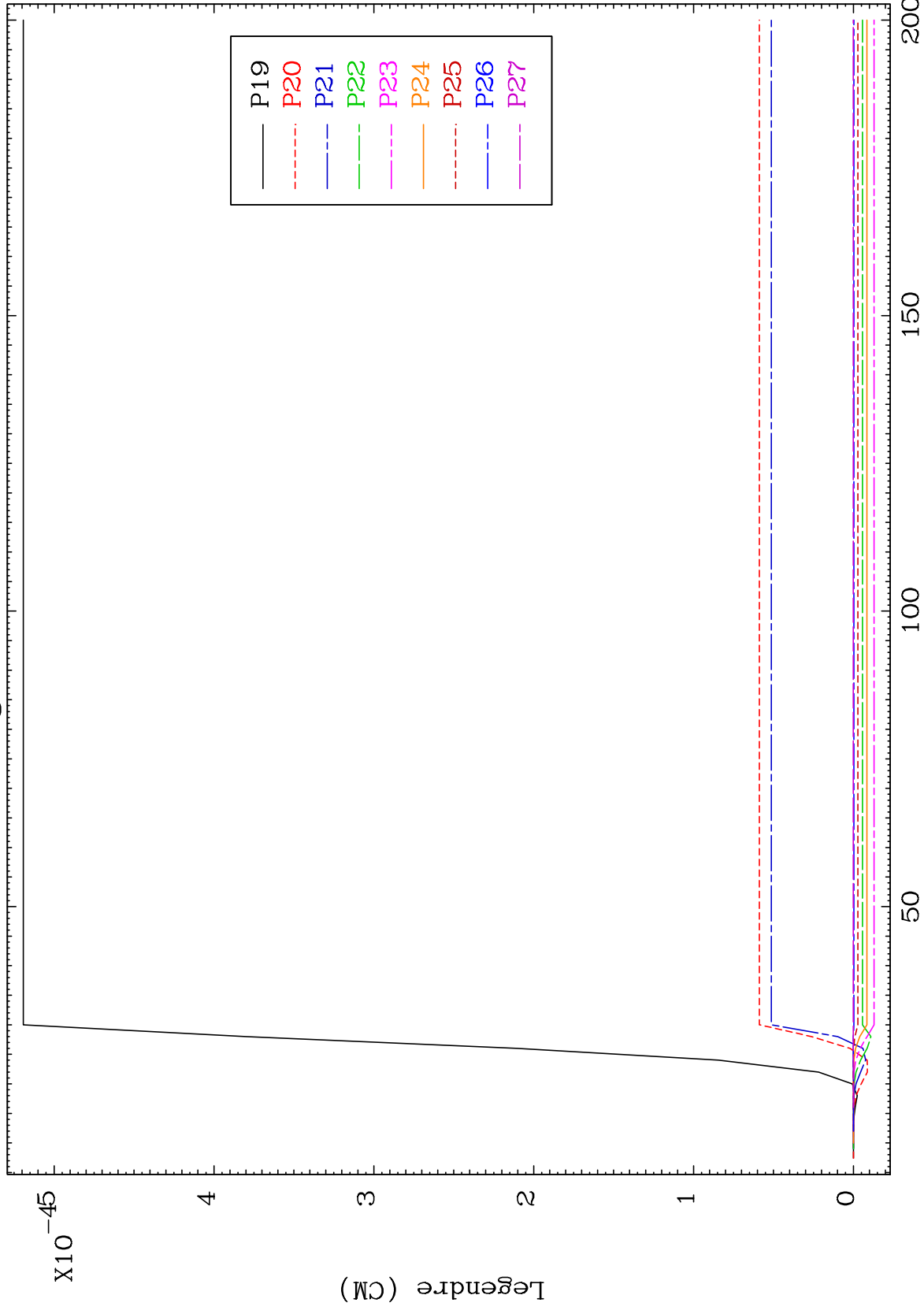




MAT 8089

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

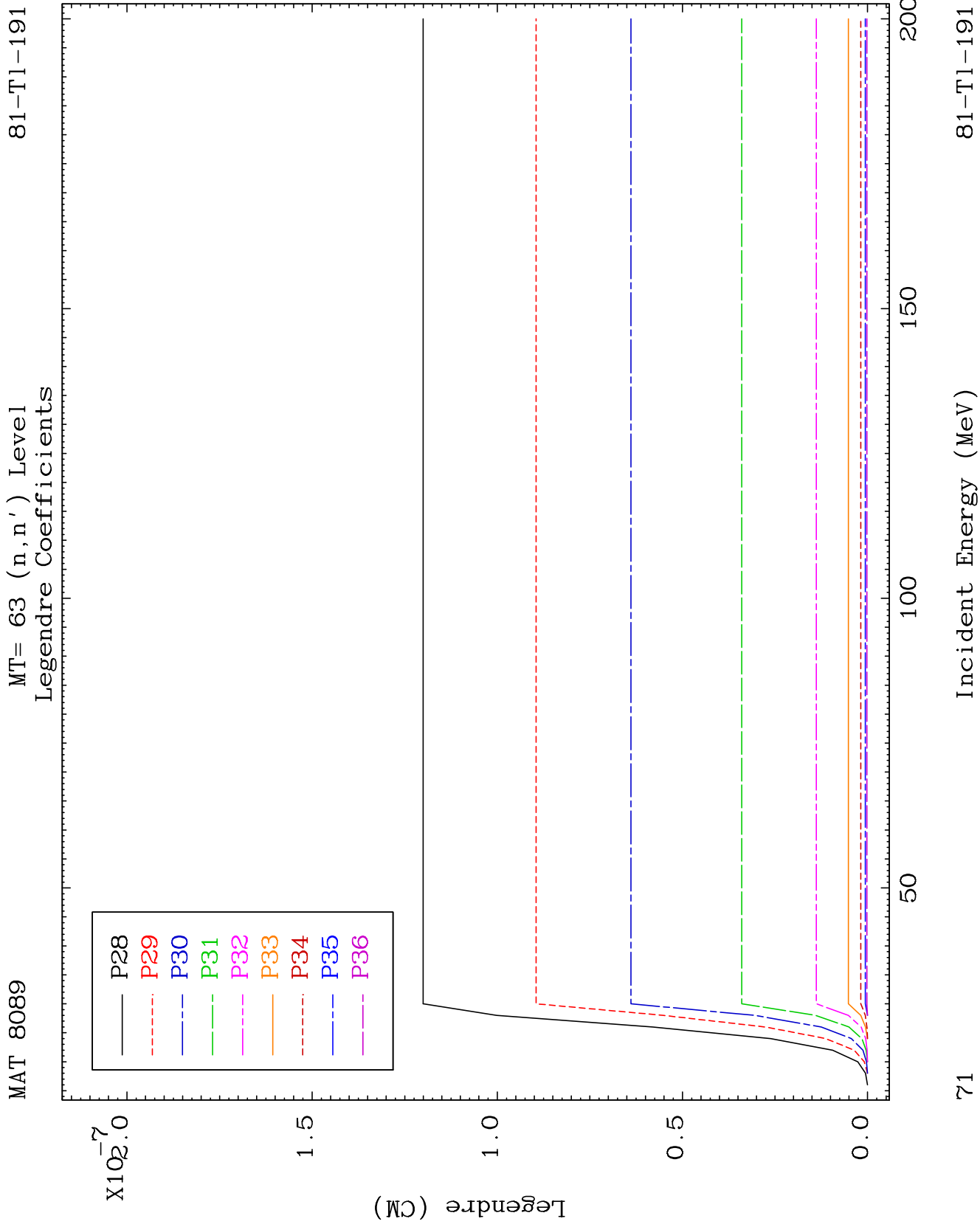
81-Tl-191



70

Incident Energy (MeV)

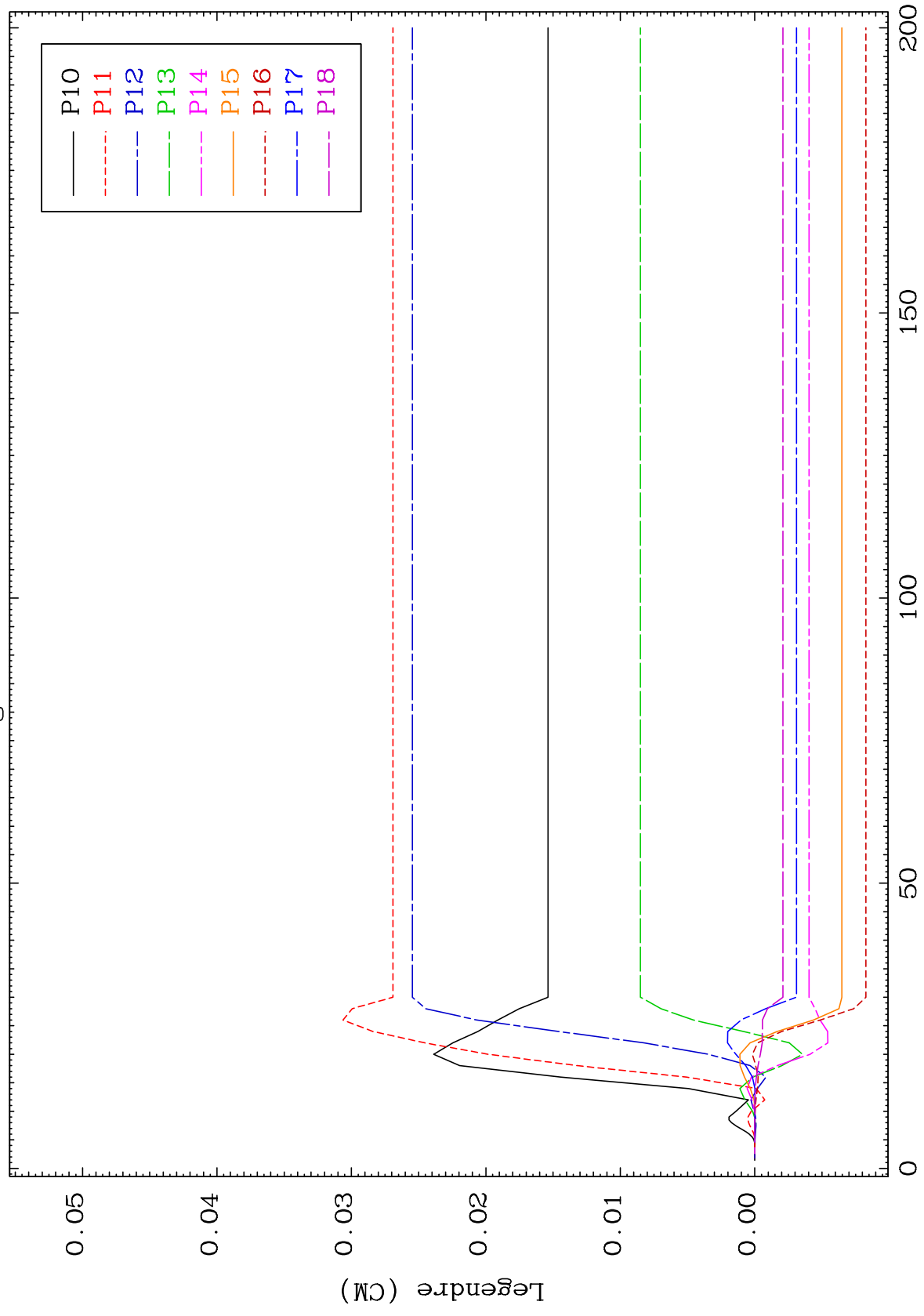
81-Tl-191



MAT 8089

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

81-T1-191



23

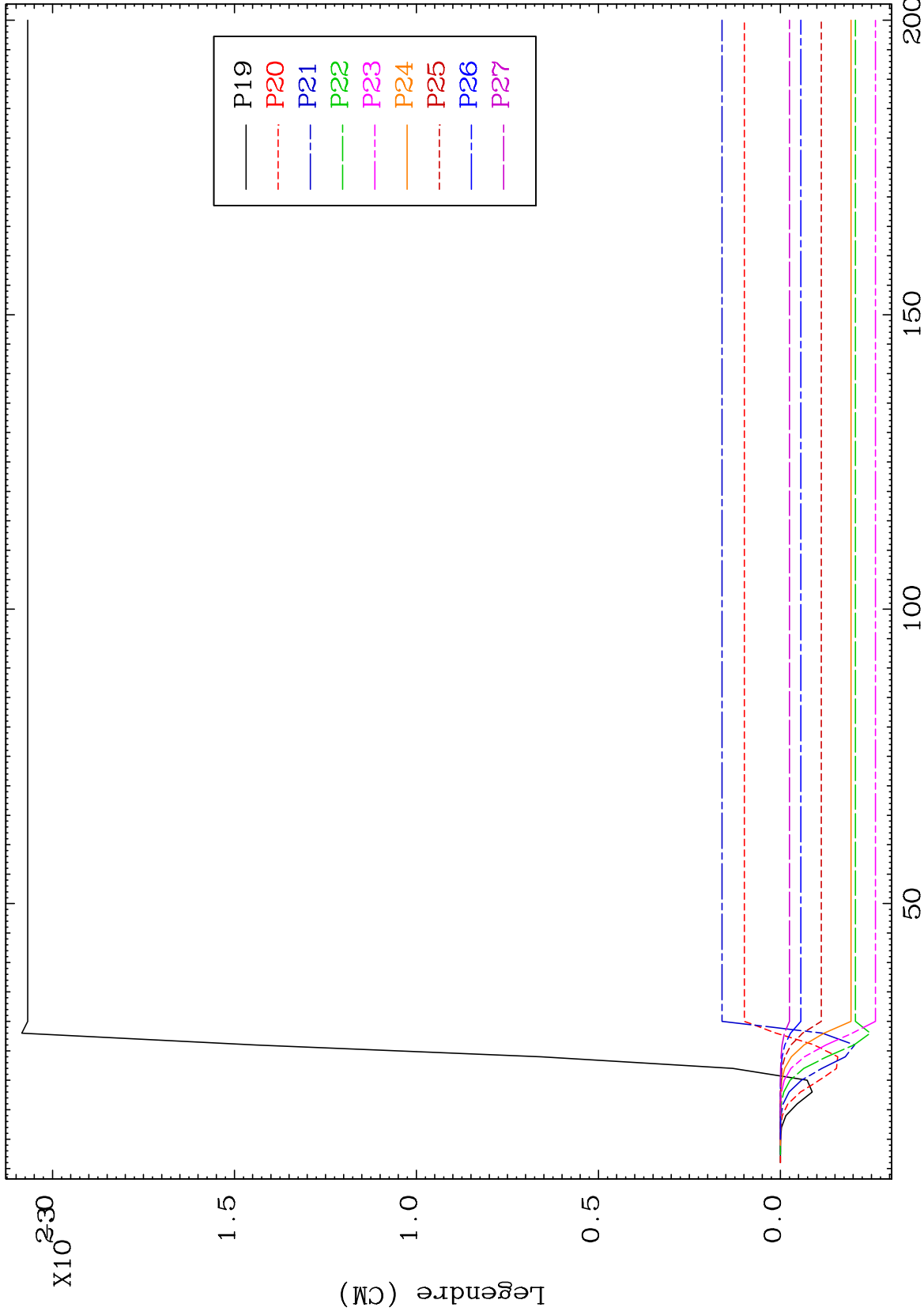
Incident Energy (MeV)

81-T1-191

MAT 8089

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

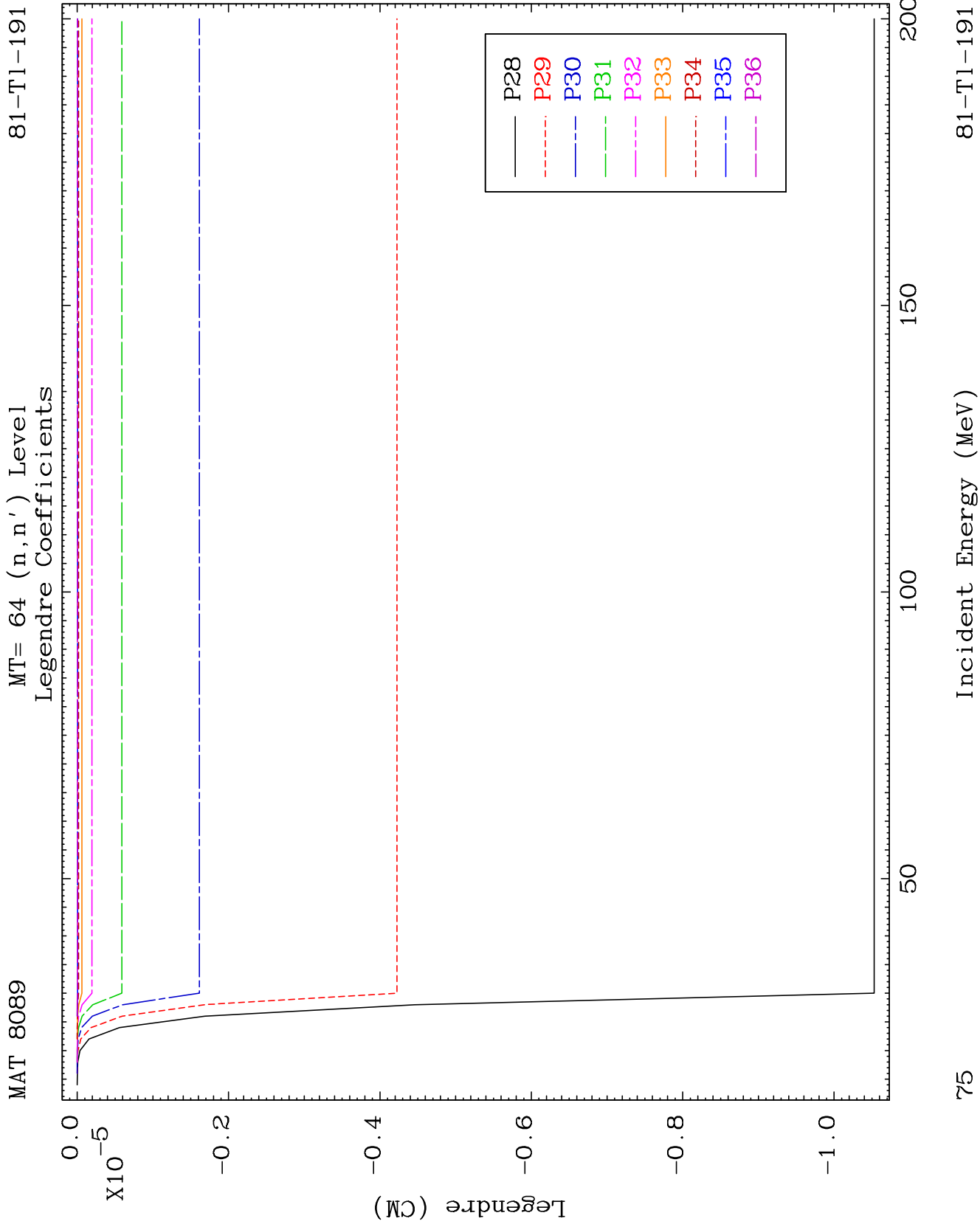
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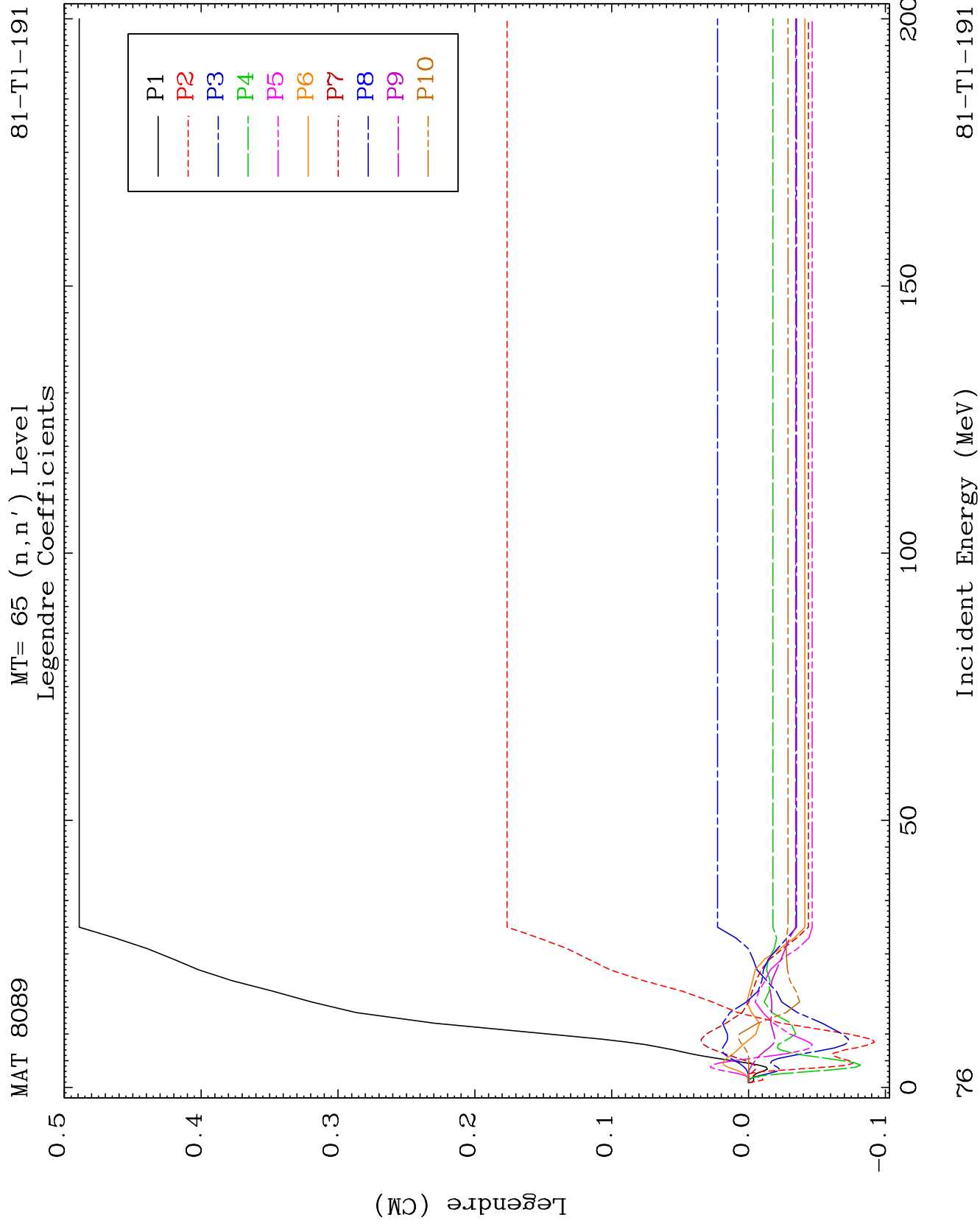


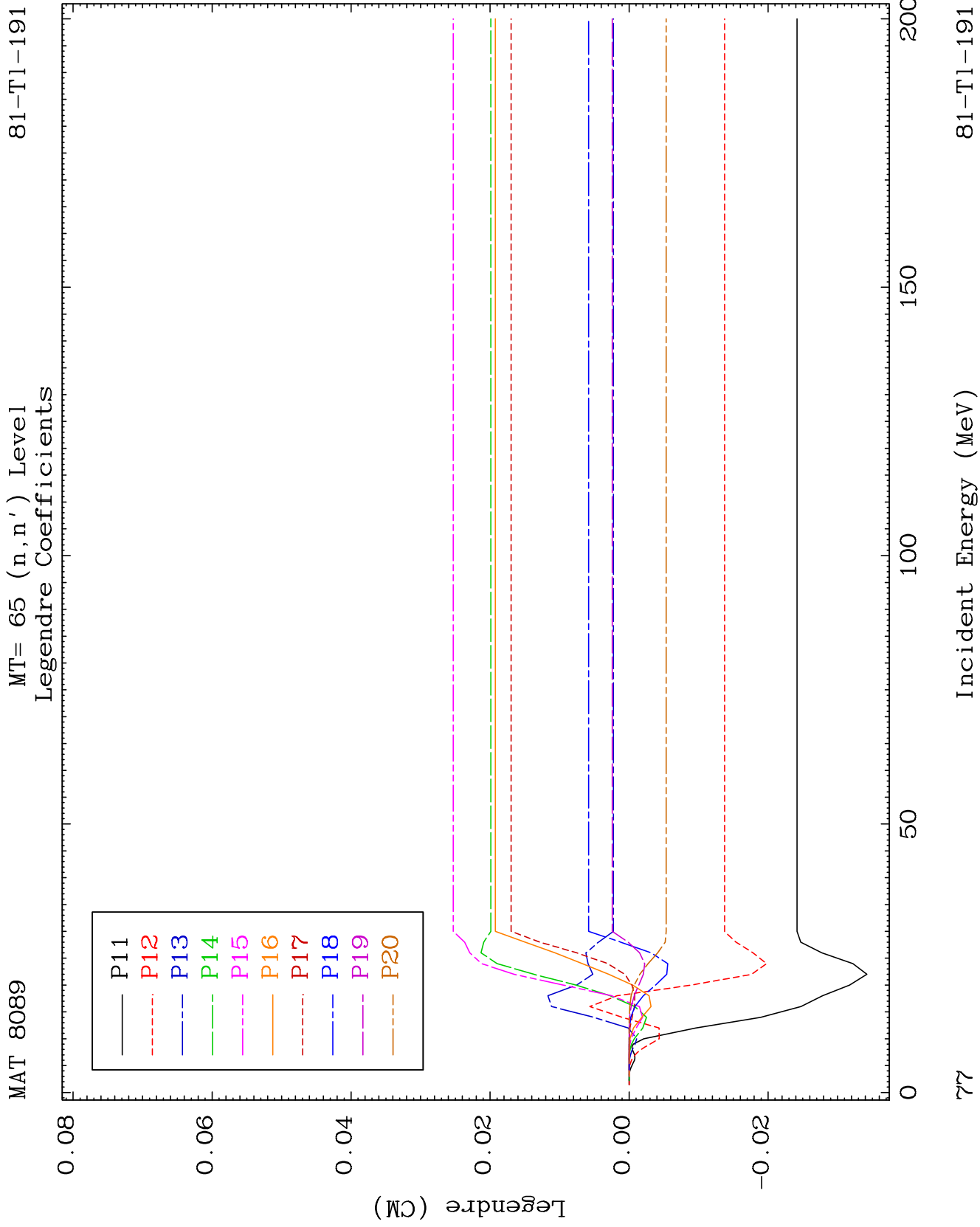
74

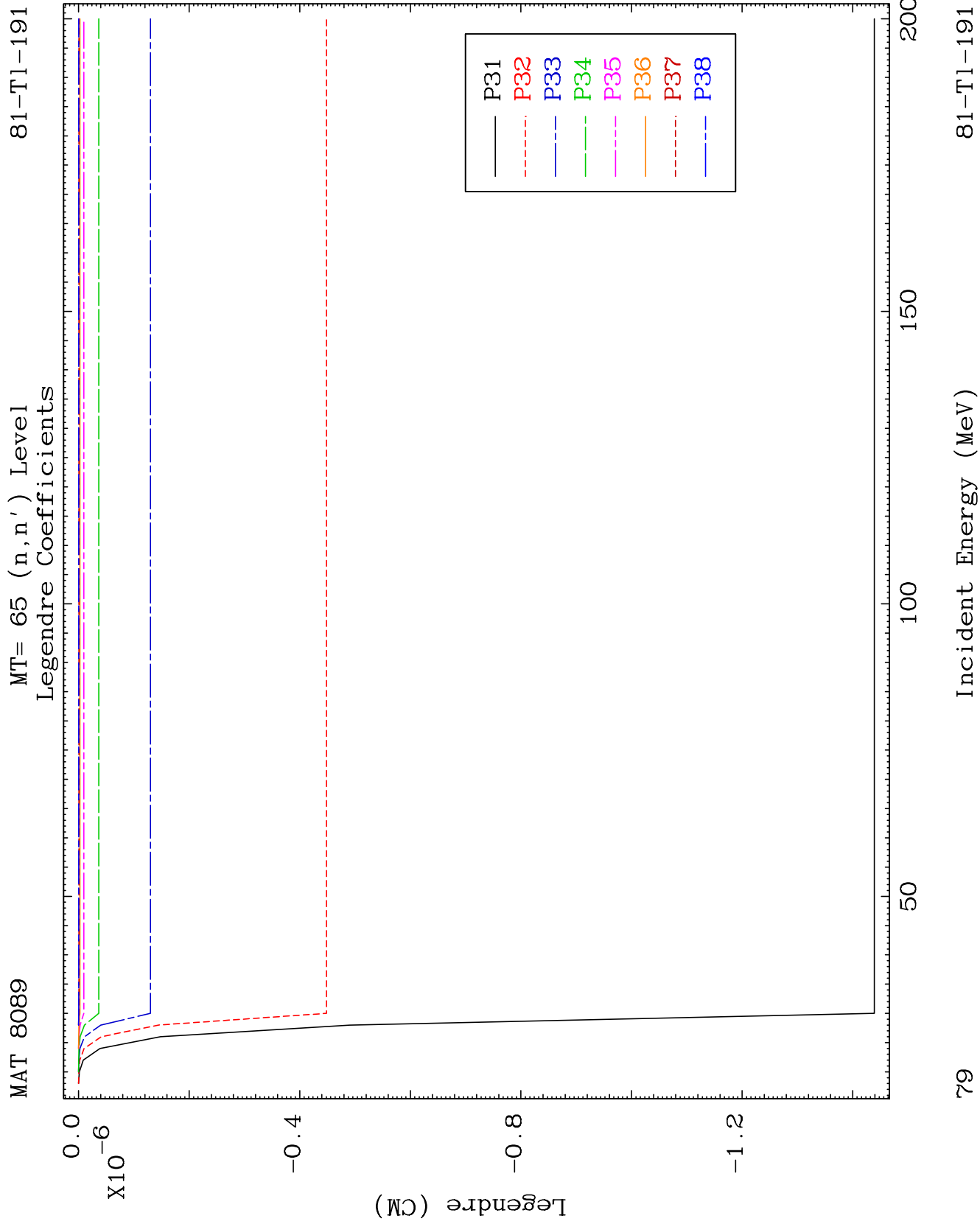
Incident Energy (MeV)

81-Tl-191





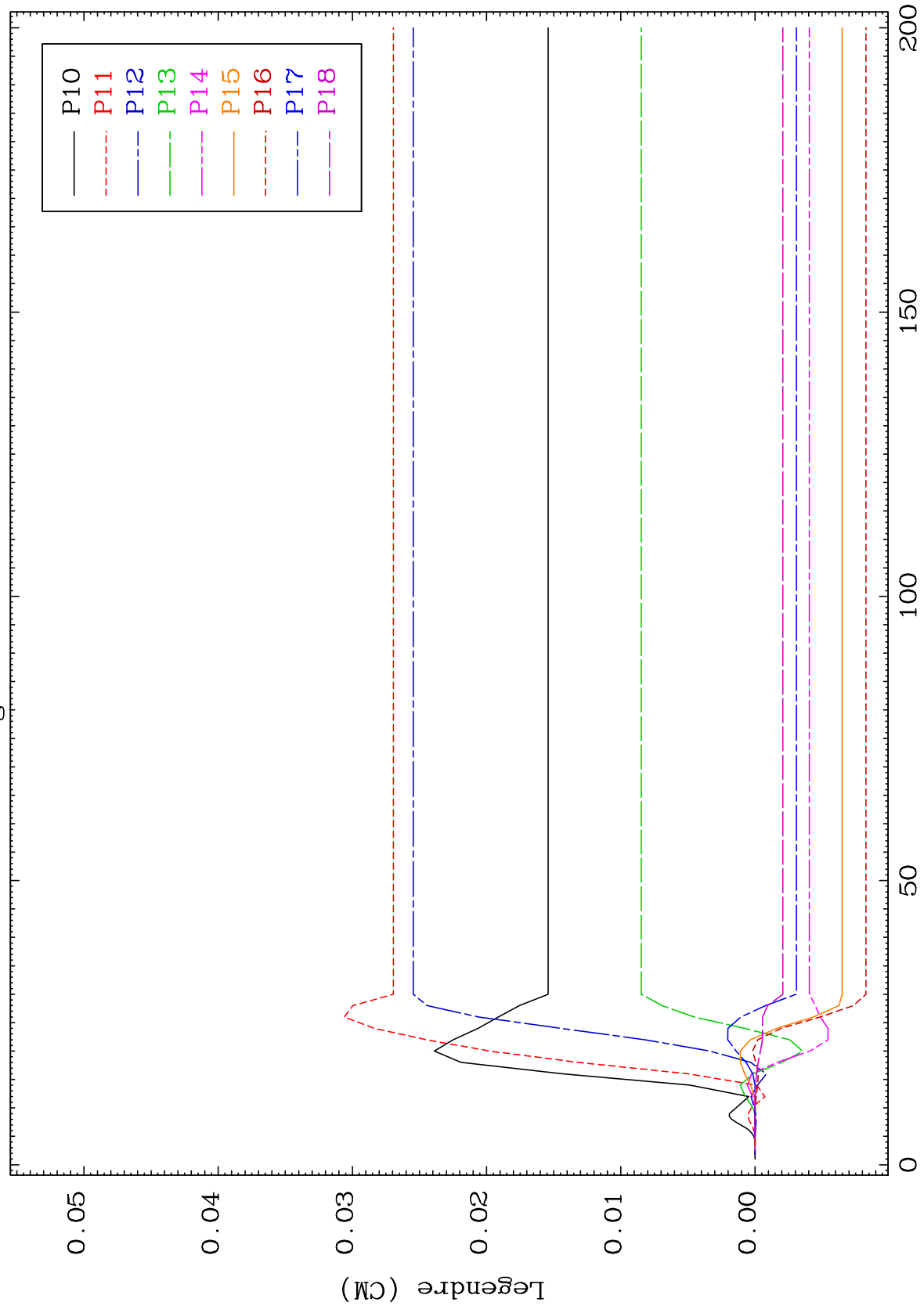




MAT 8089

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

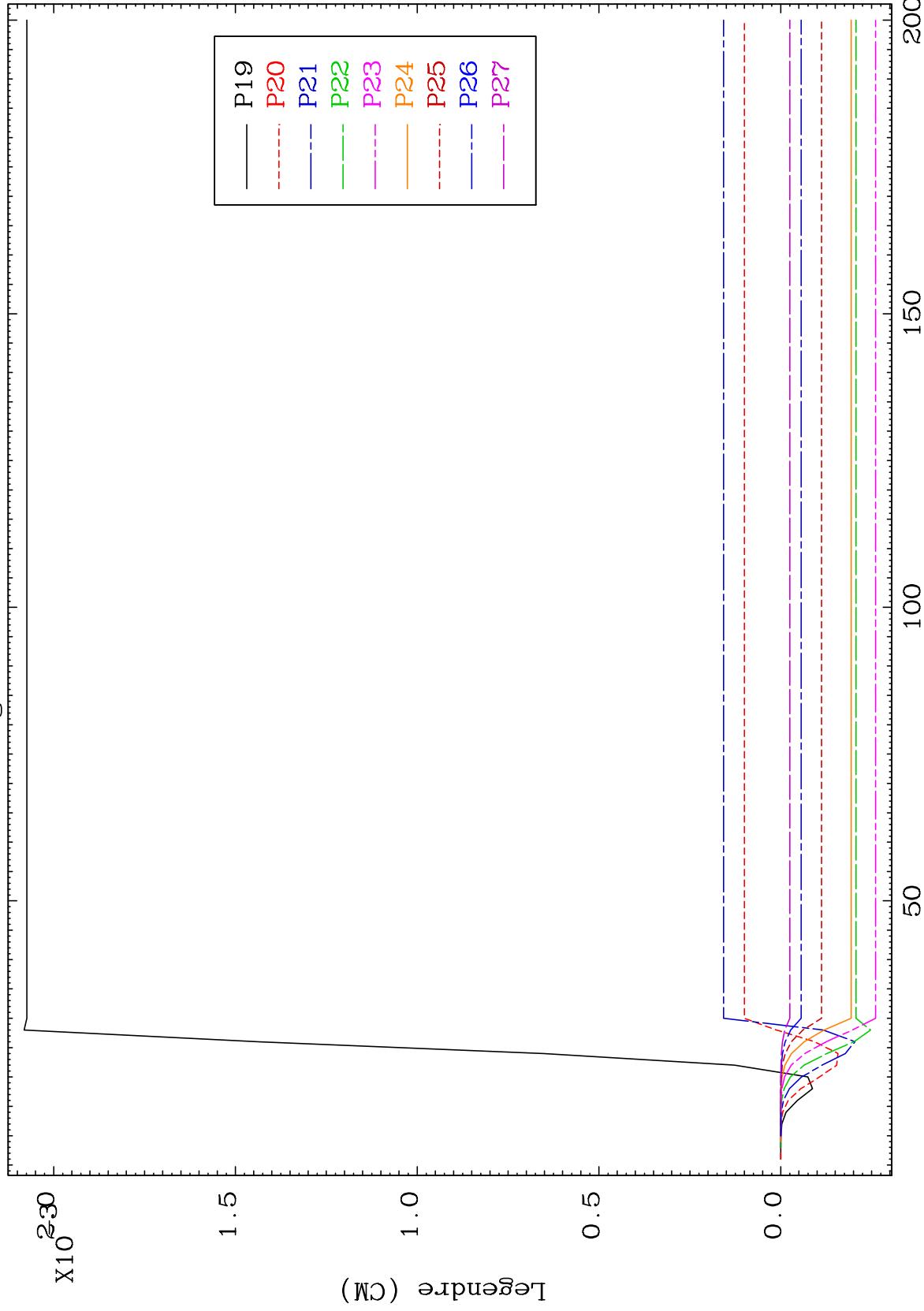
81-T1-191



18

Incident Energy (MeV)

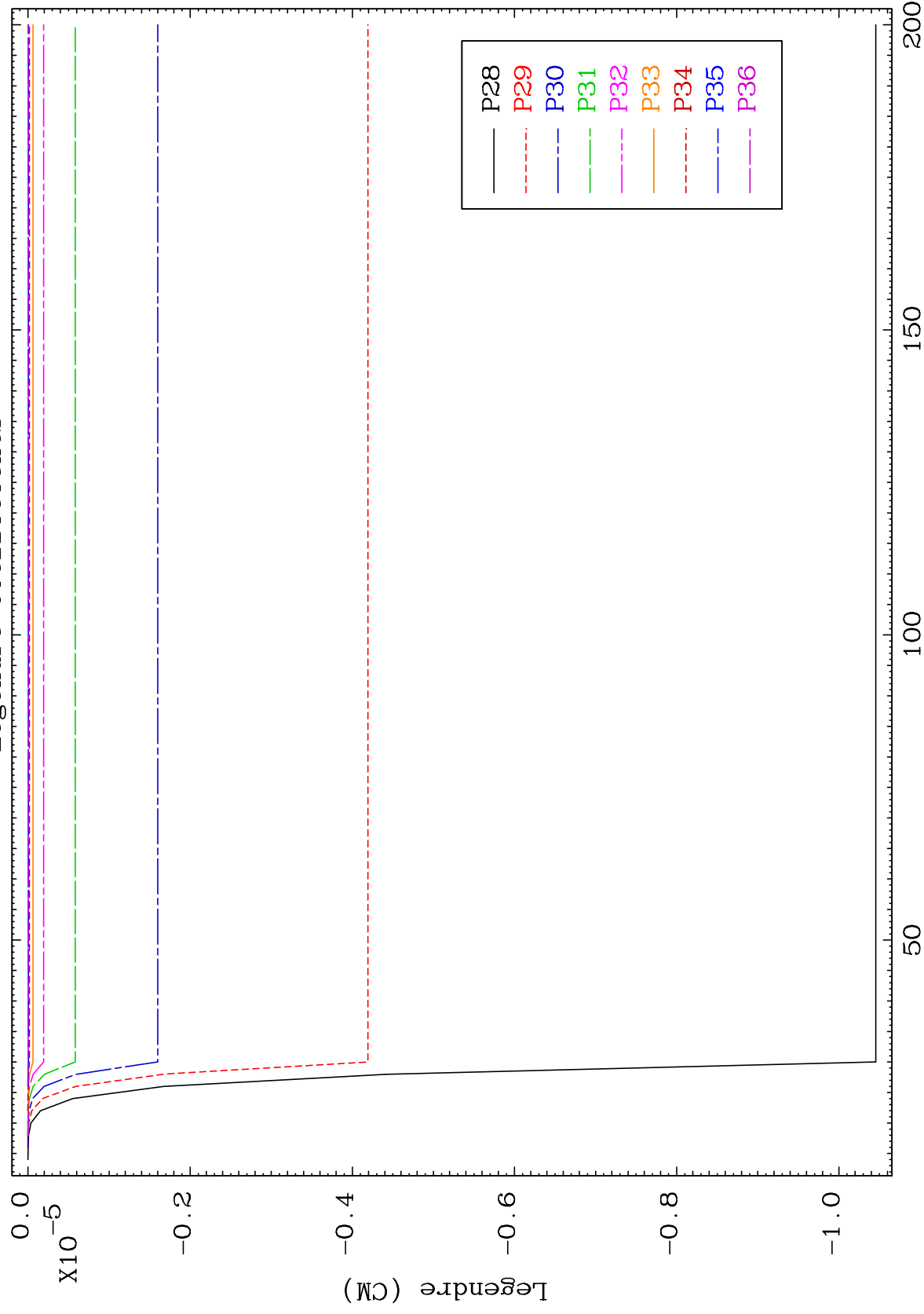
81-T1-191



MAT 8089

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

81-T1-191



38

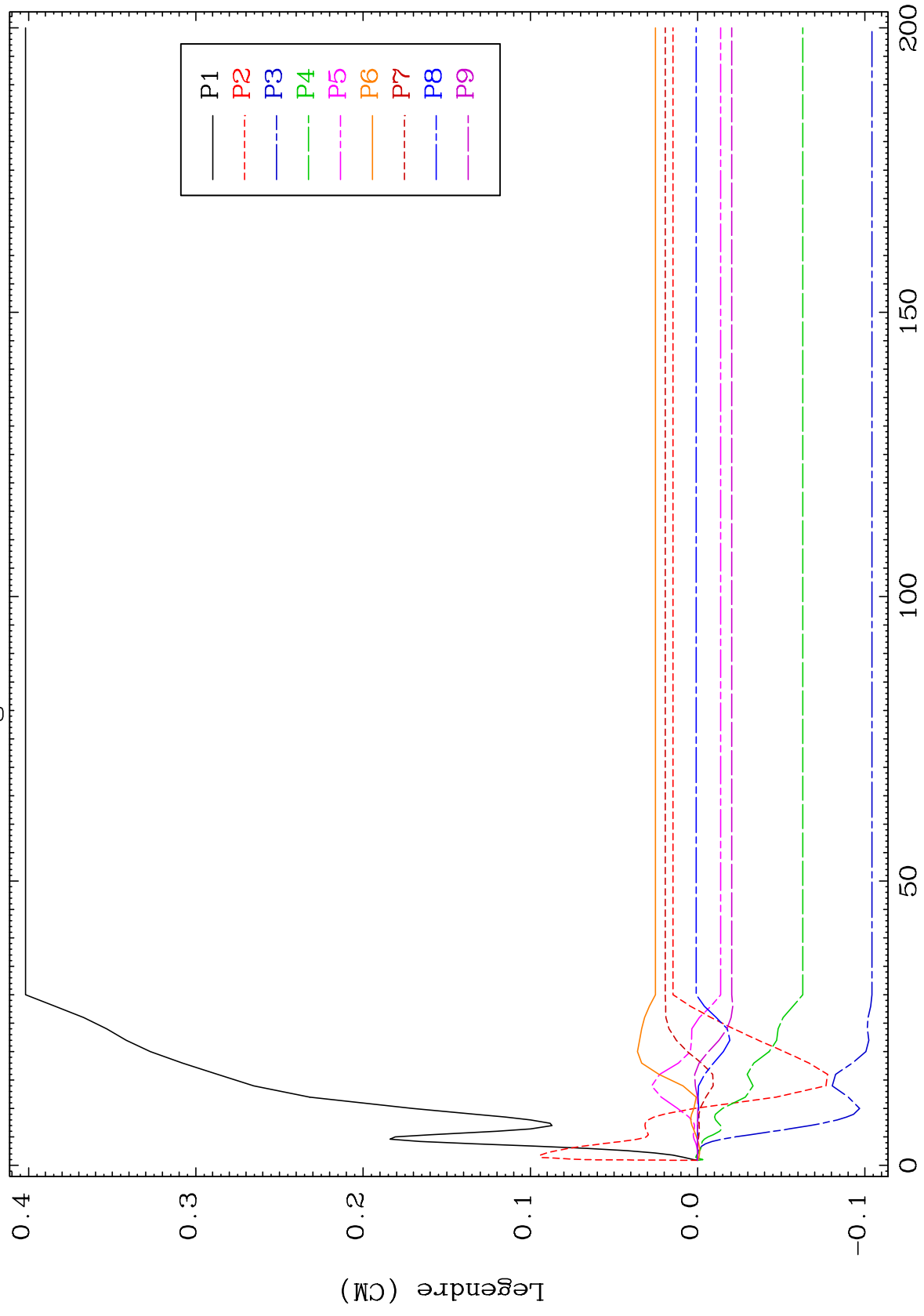
Incident Energy (MeV)

81-T1-191

MAT 8089

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

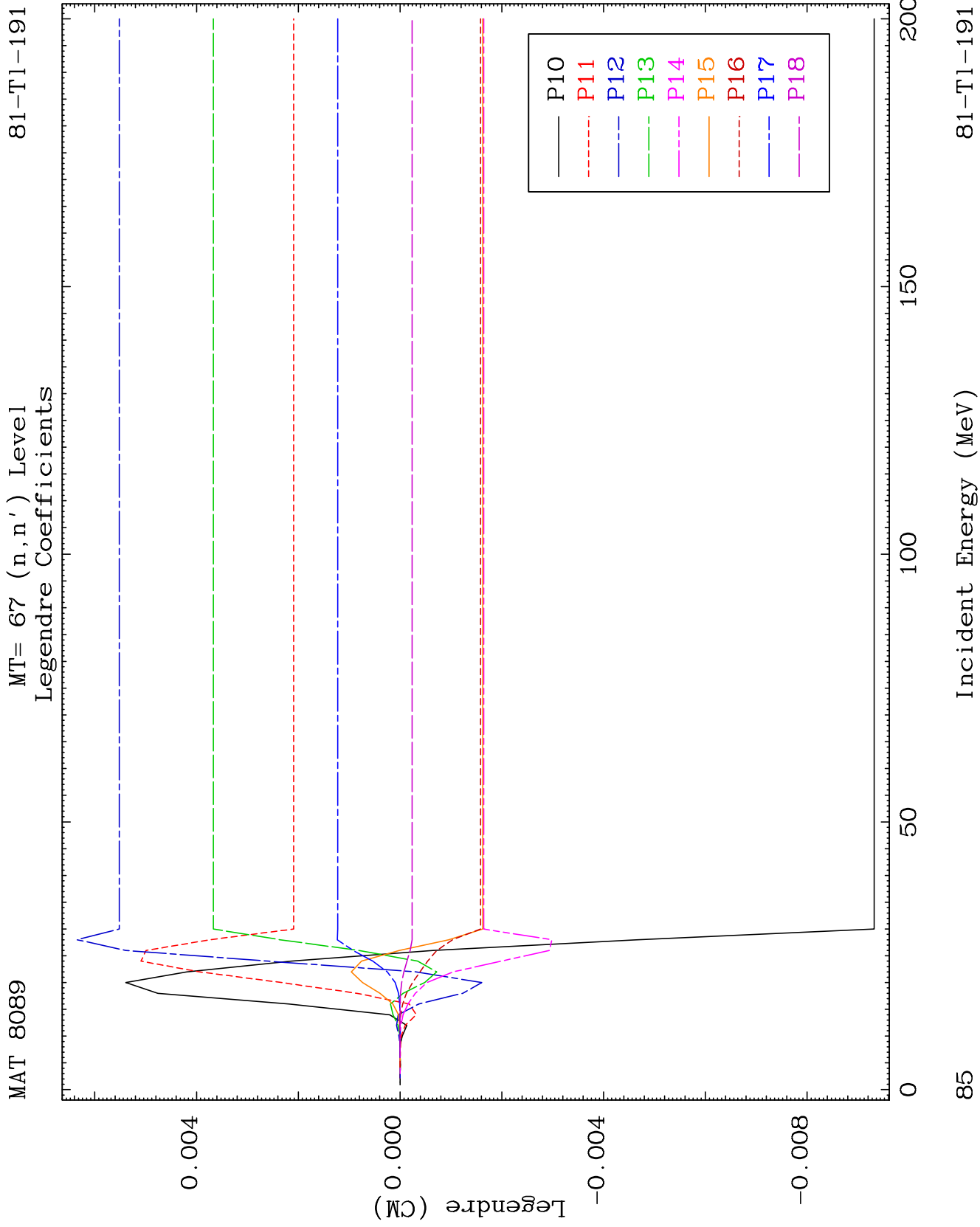
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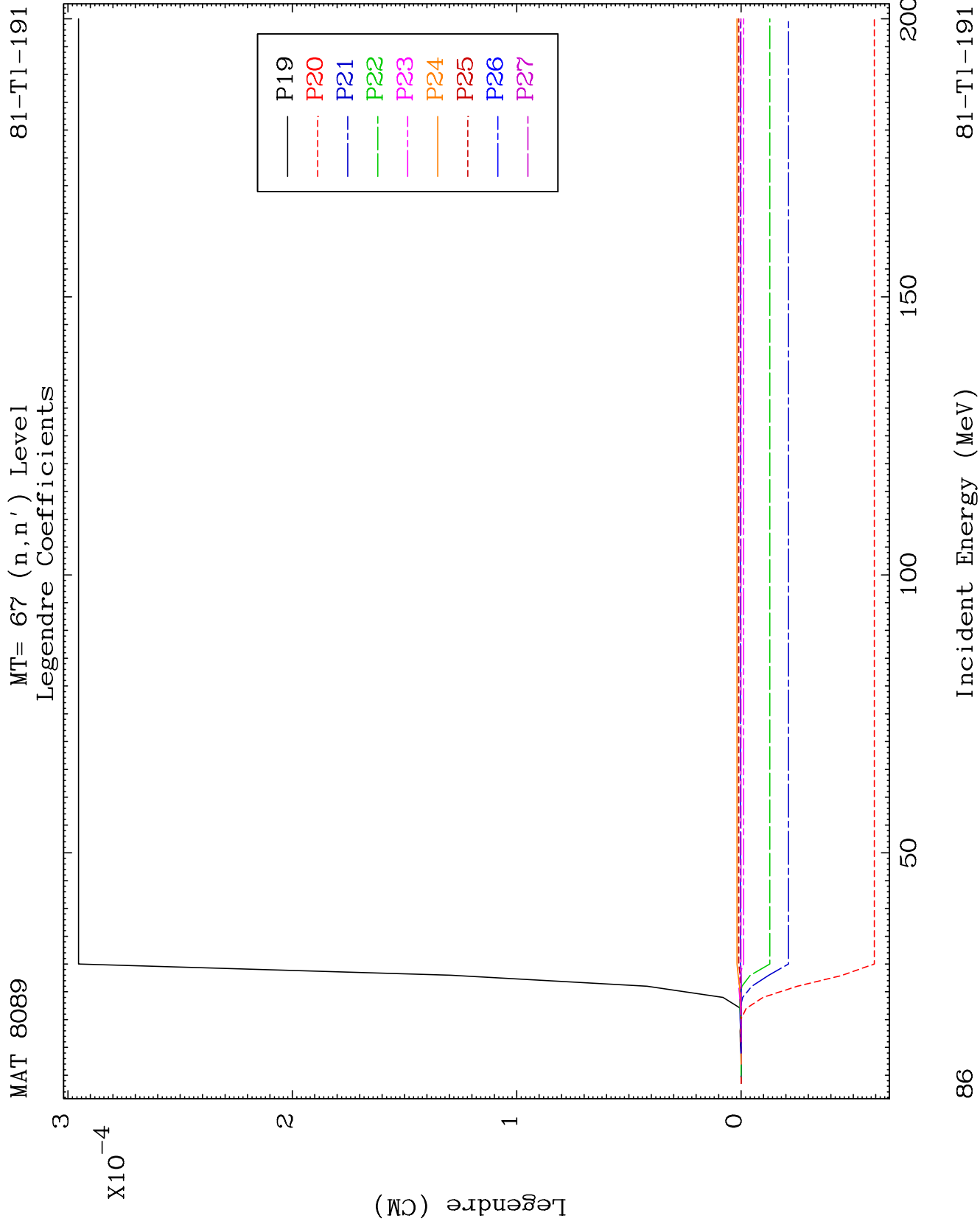


84

Incident Energy (MeV)

81-T1-191

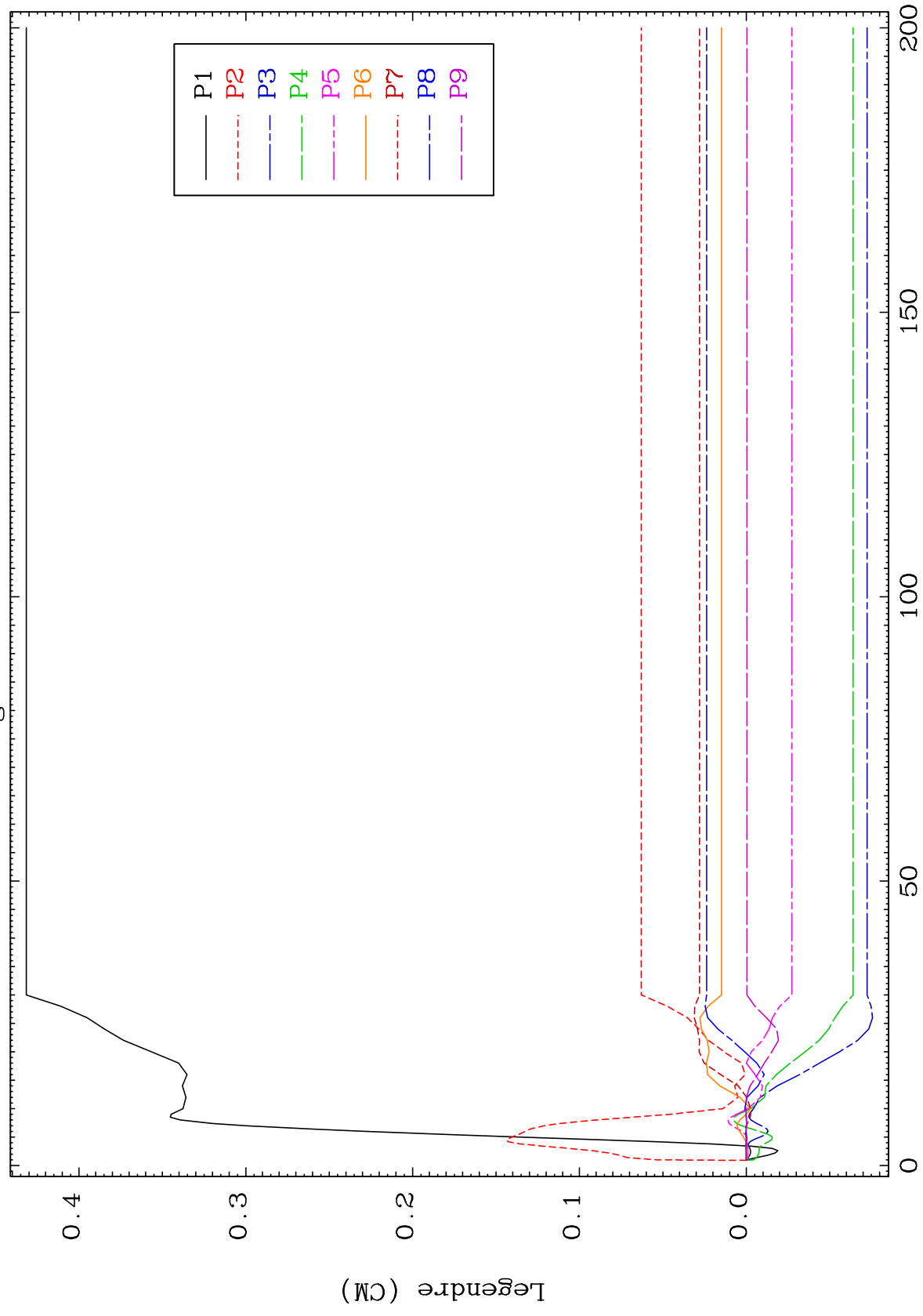




MAT 8089

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

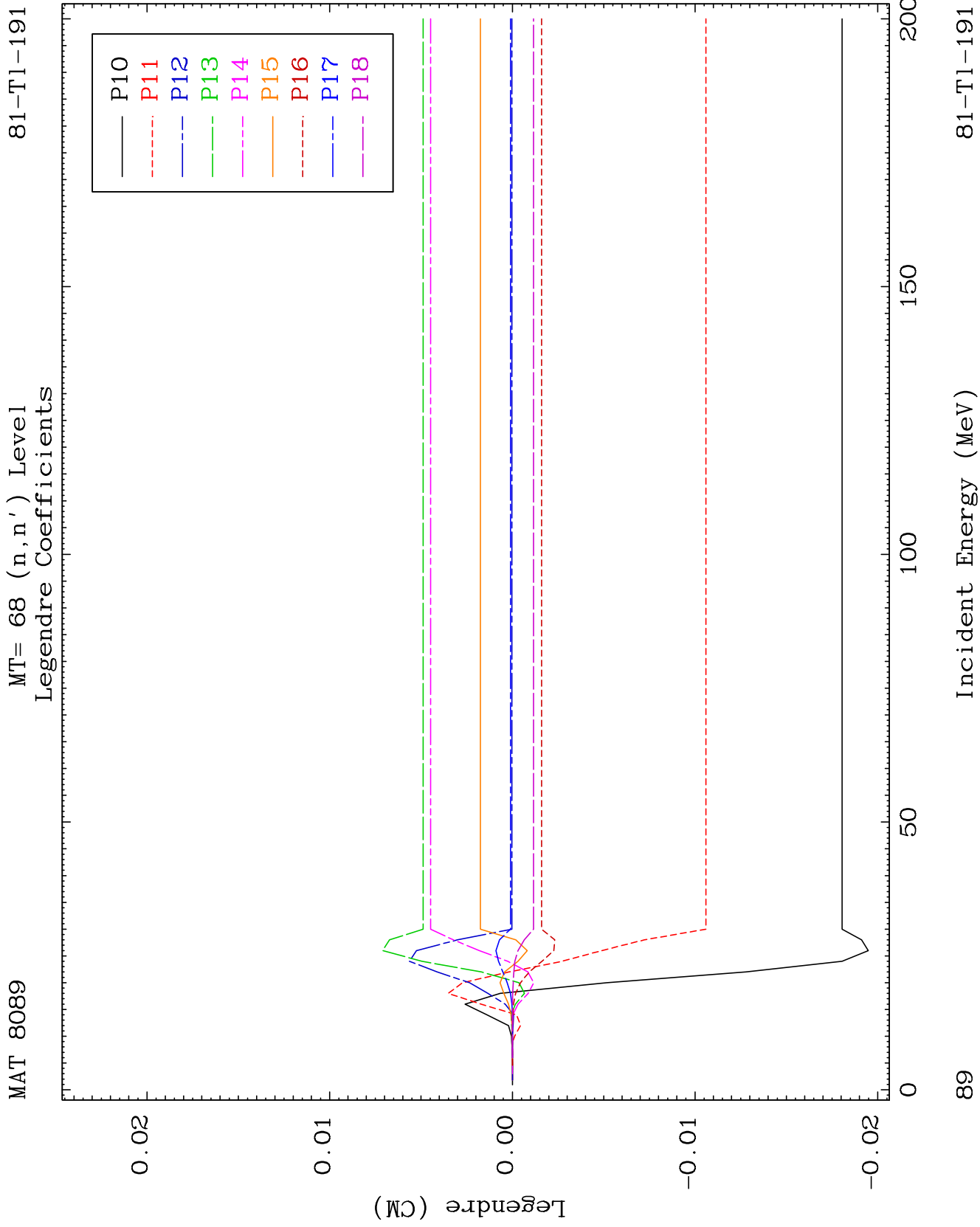
81-T1-191



88

Incident Energy (MeV)

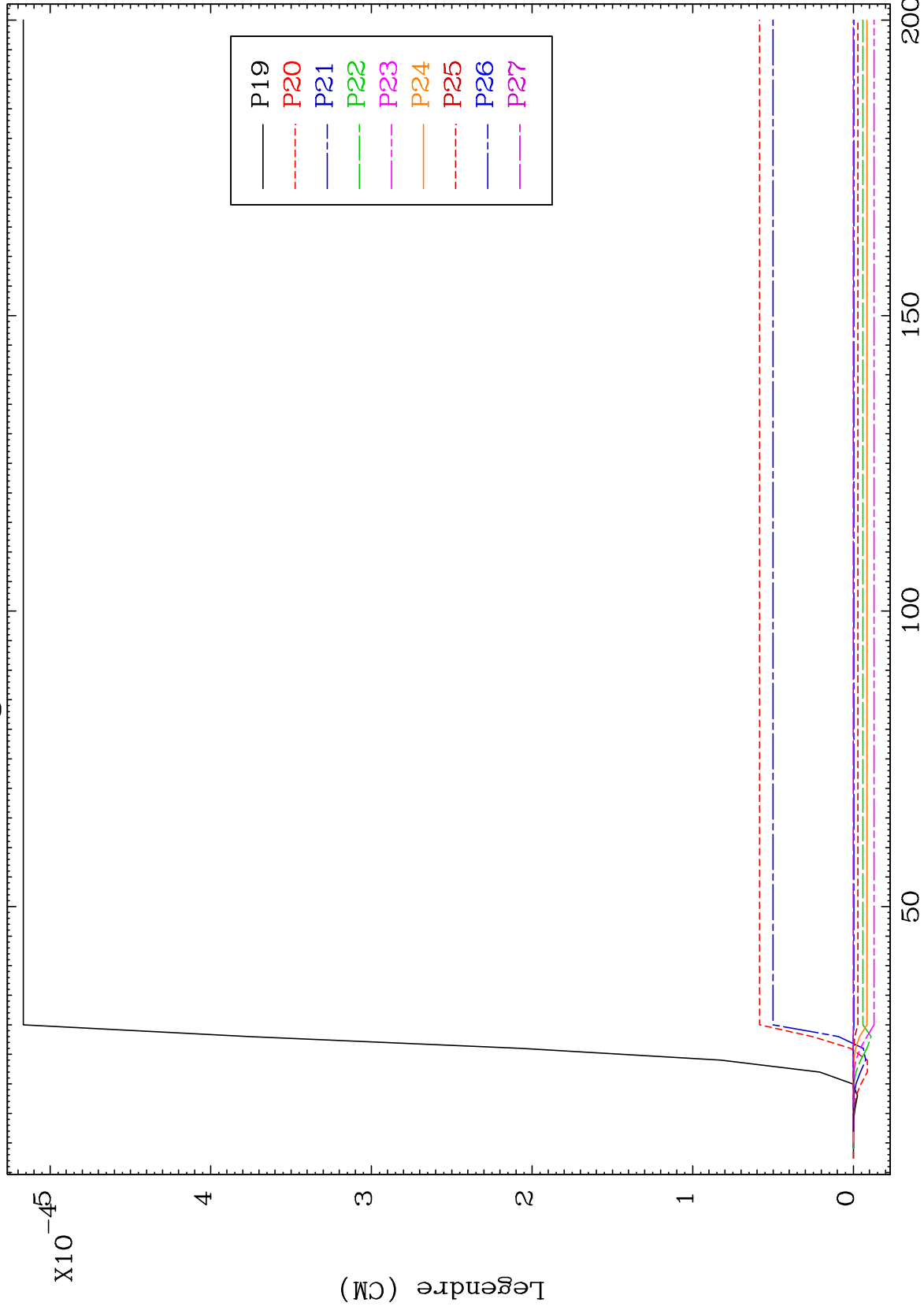
81-T1-191



MAT 8089

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

81-Tl-191



90

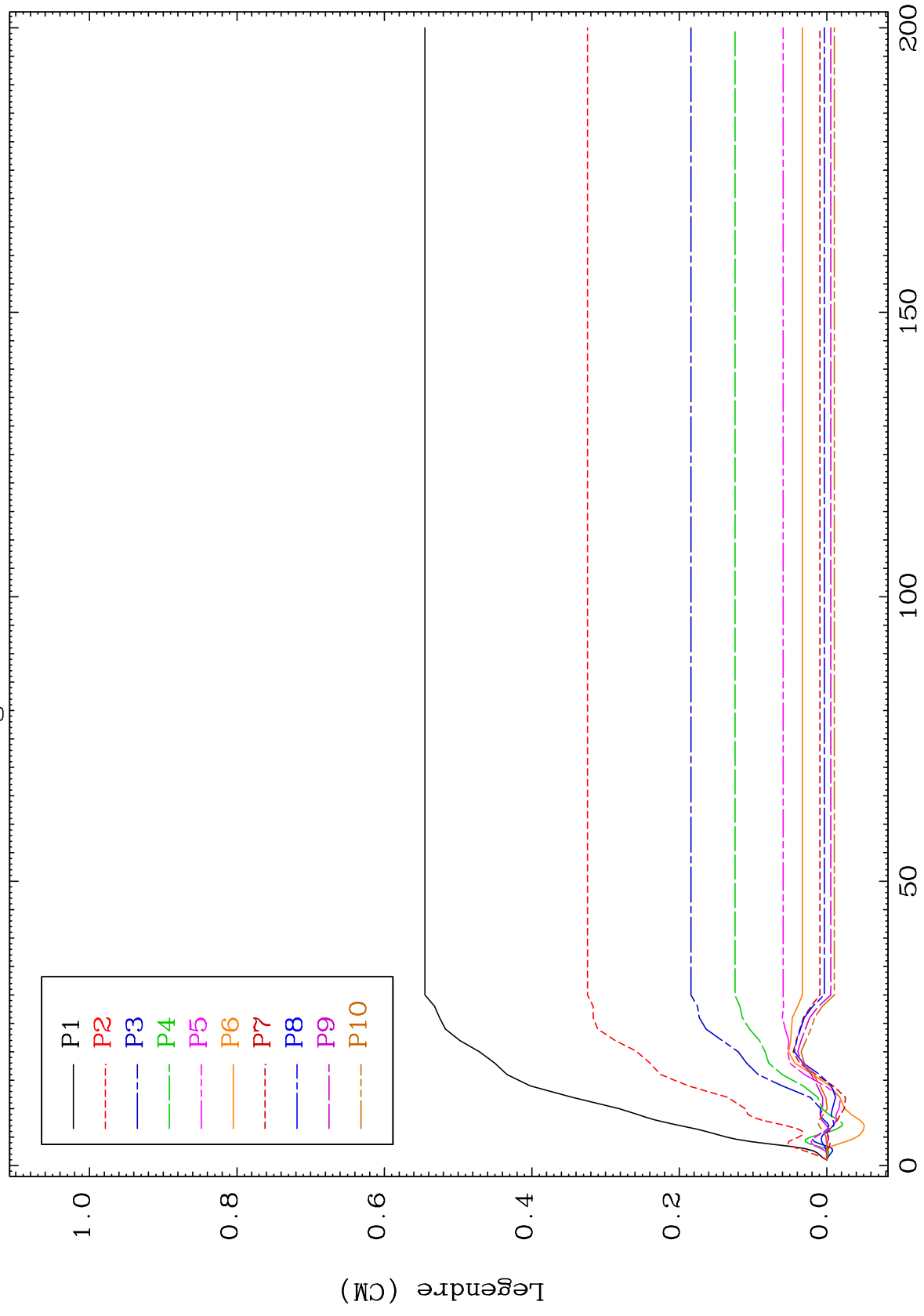
Incident Energy (MeV)

81-Tl-191

MAT 8089

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

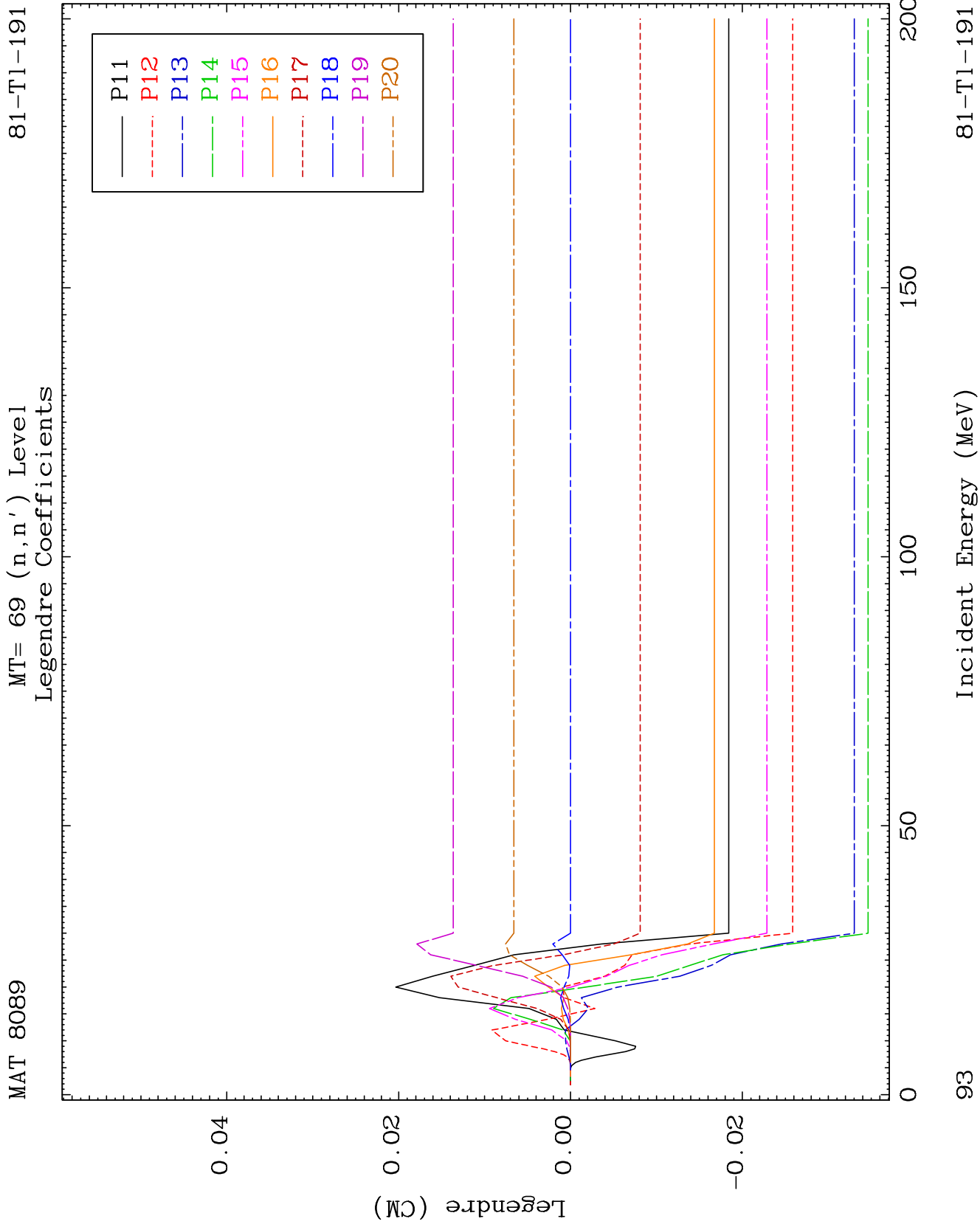
81-T1-191



26

Incident Energy (MeV)

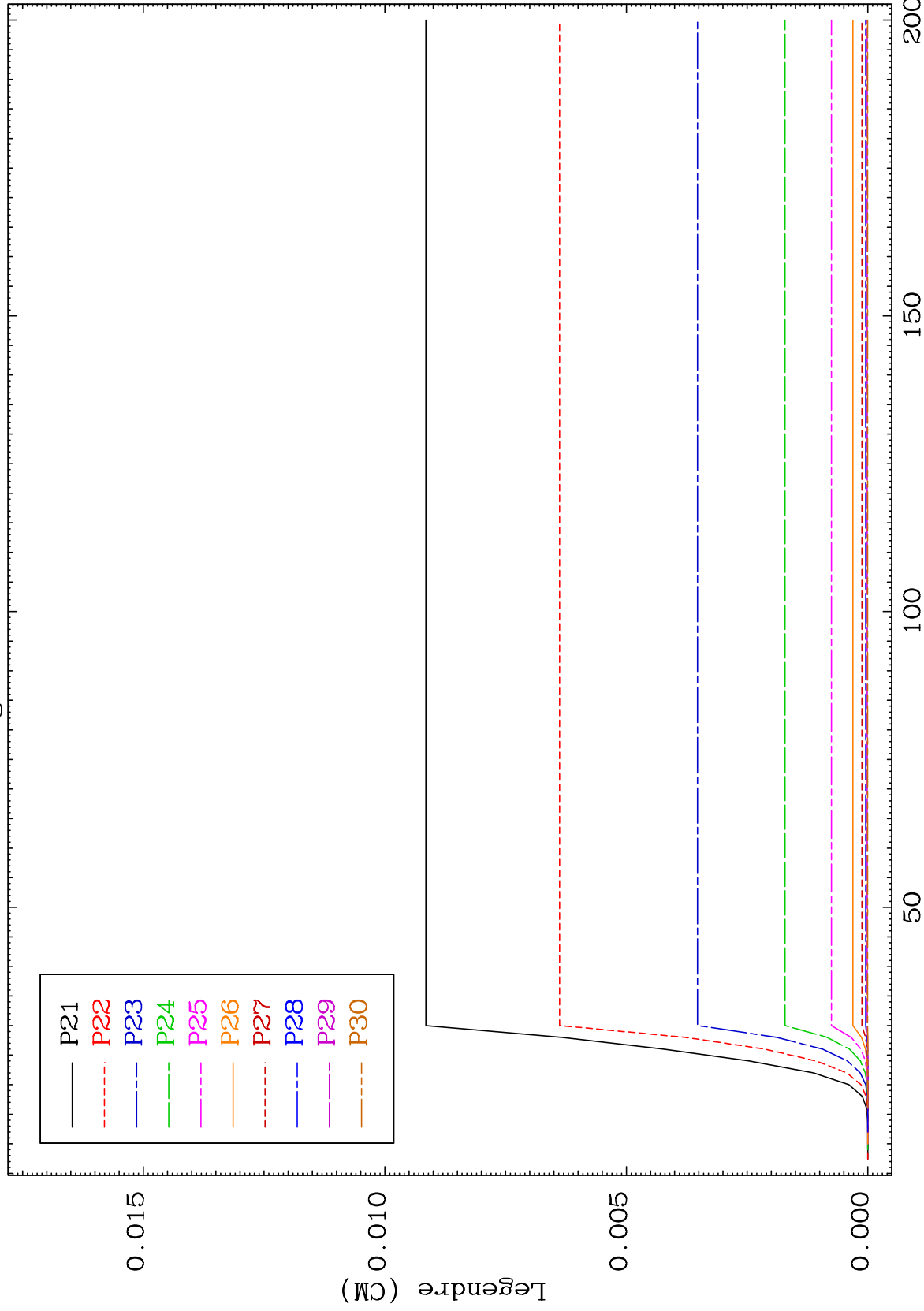
81-T1-191



MAT 8089

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

81-Tl-191

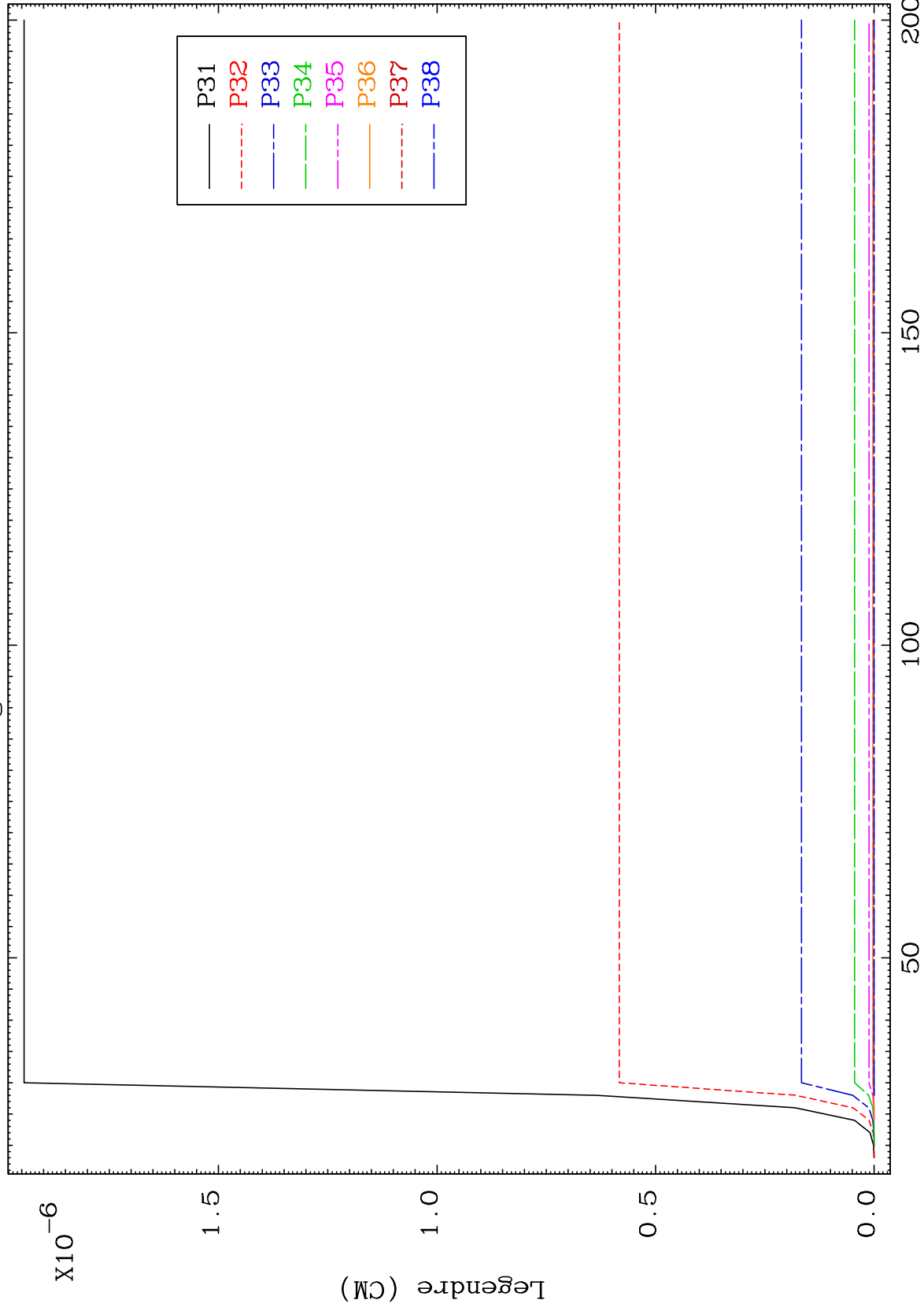


94

MAT 8089

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

81-Tl-191



95

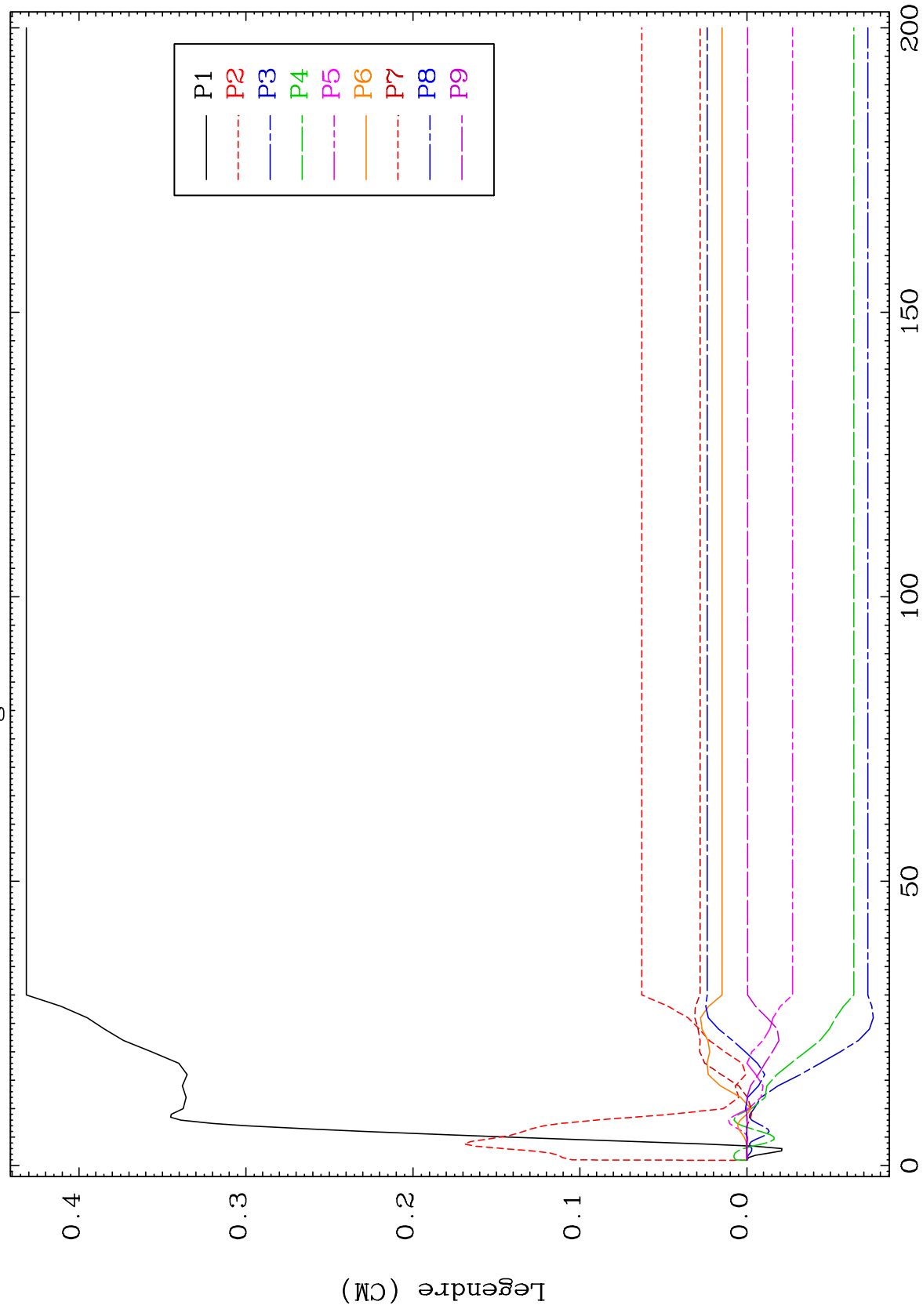
Incident Energy (MeV)

81-Tl-191

MAT 8089

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

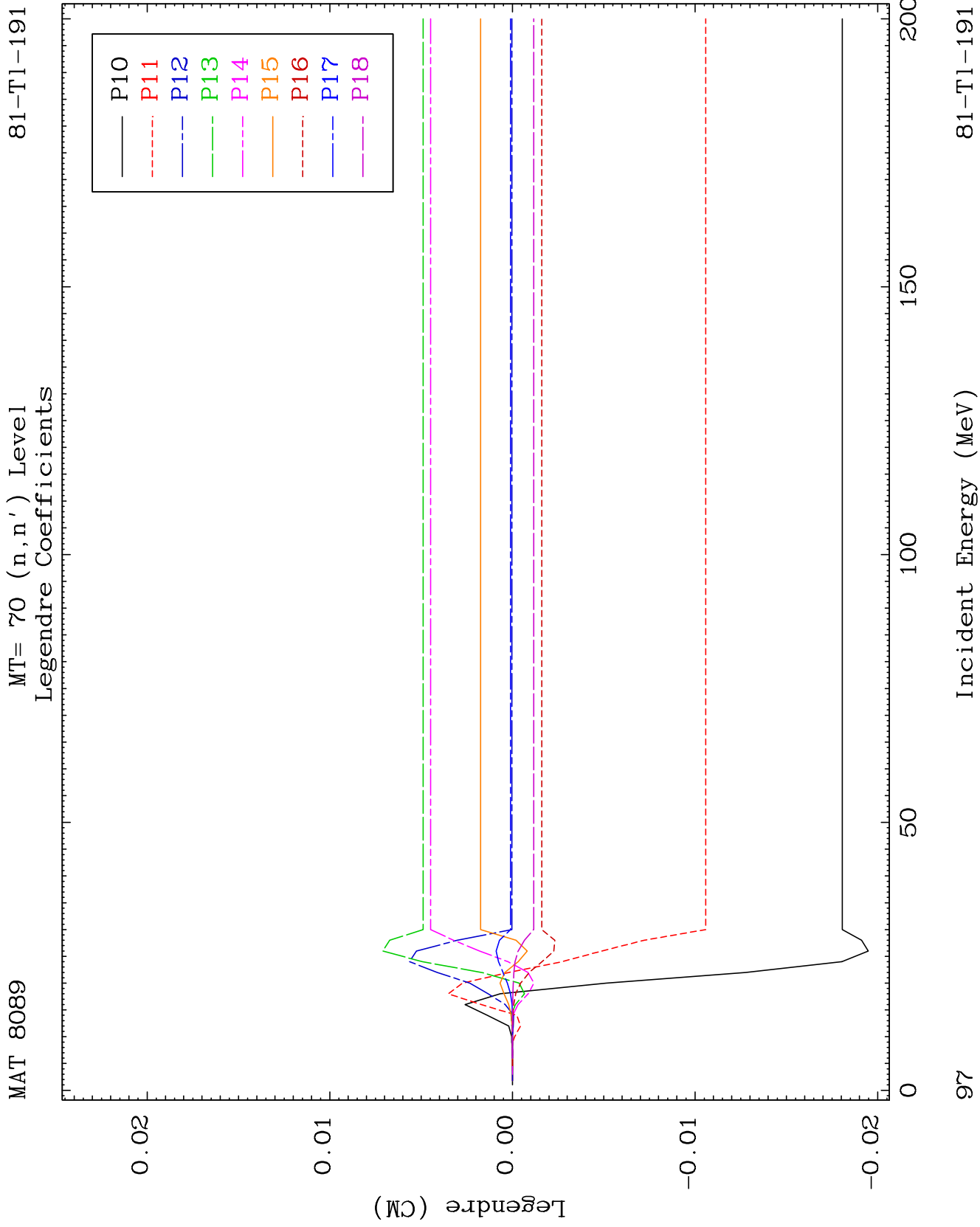
81-T1-191



96

Incident Energy (MeV)

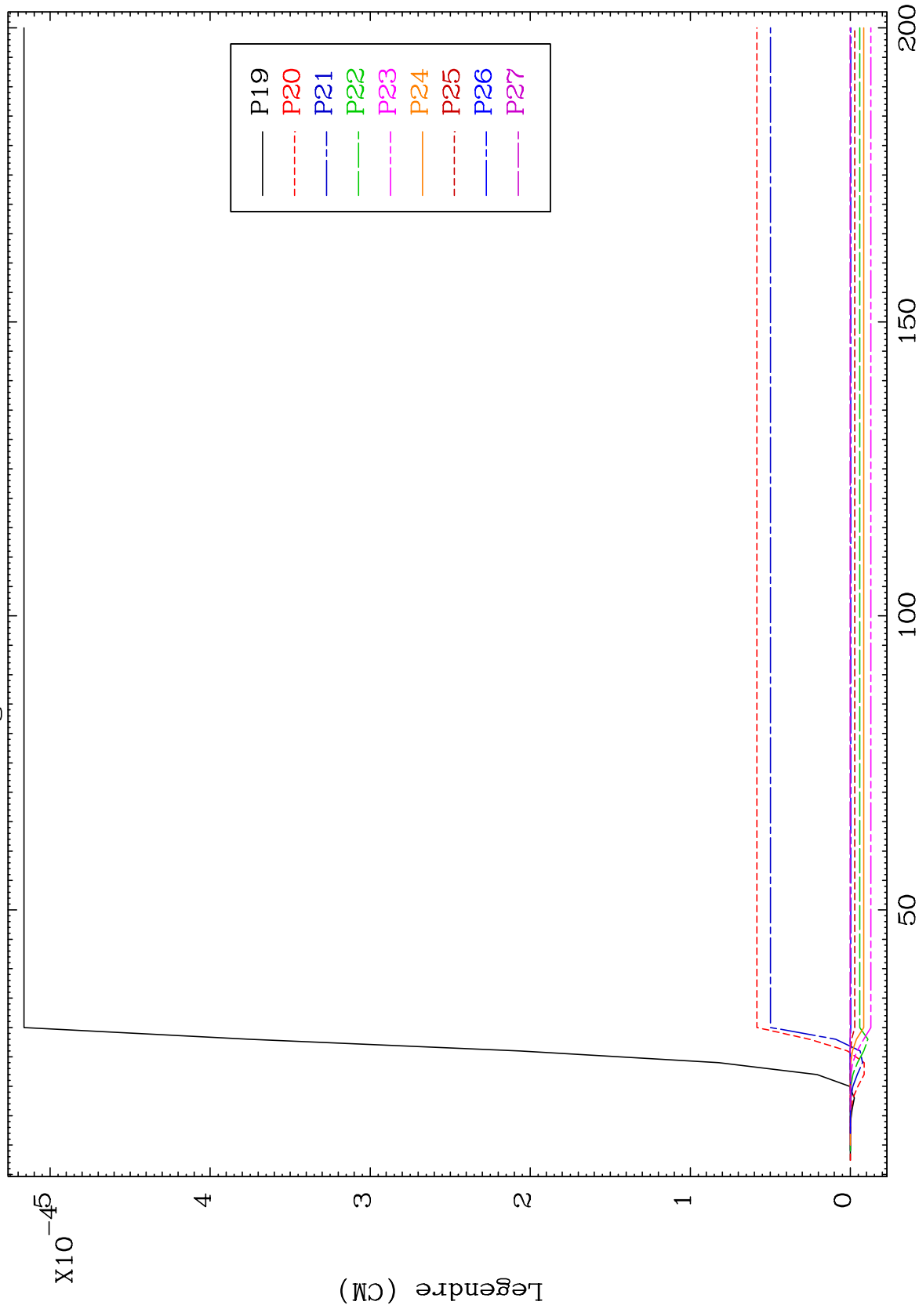
81-T1-191



MAT 8089

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

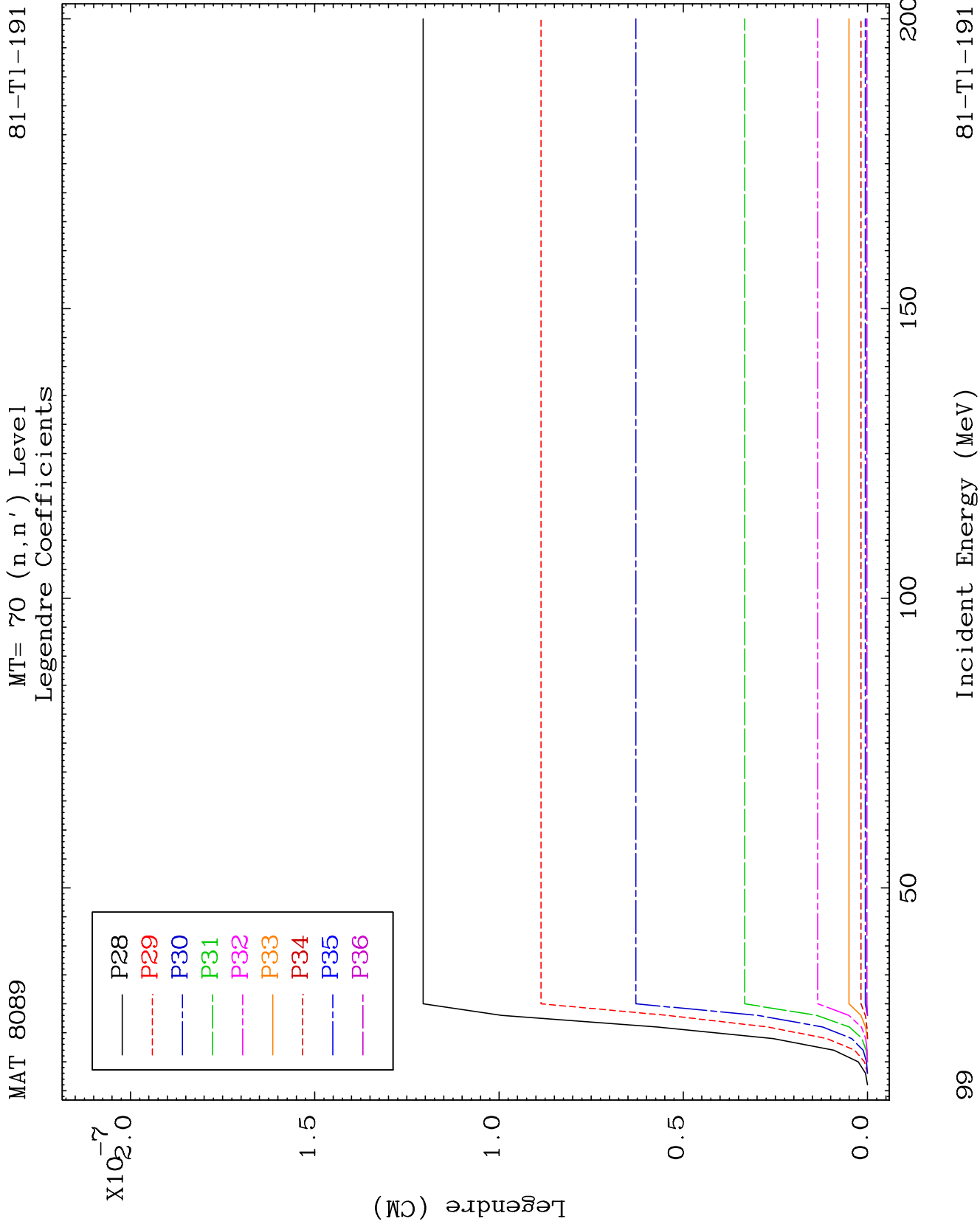
81-T1-191

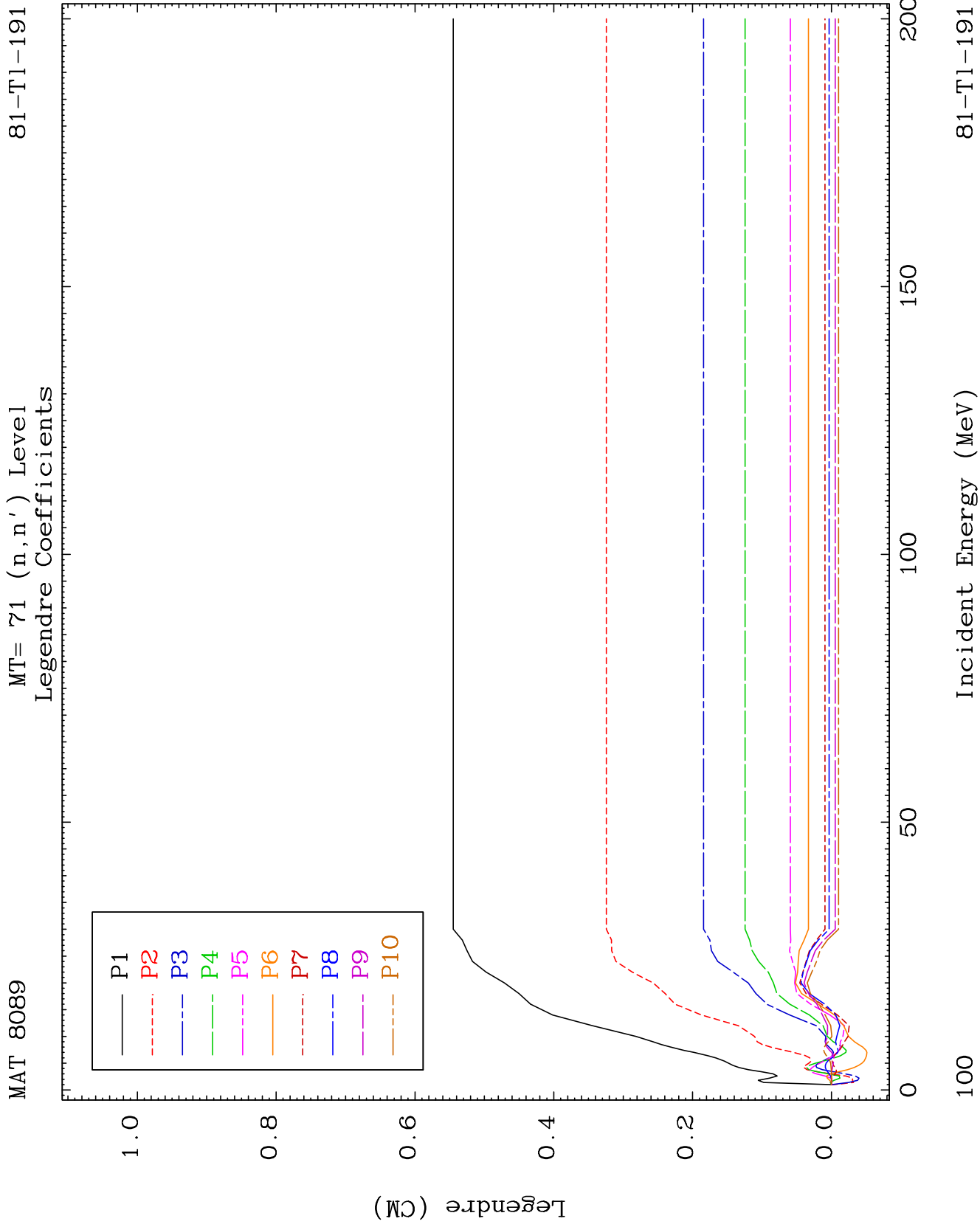


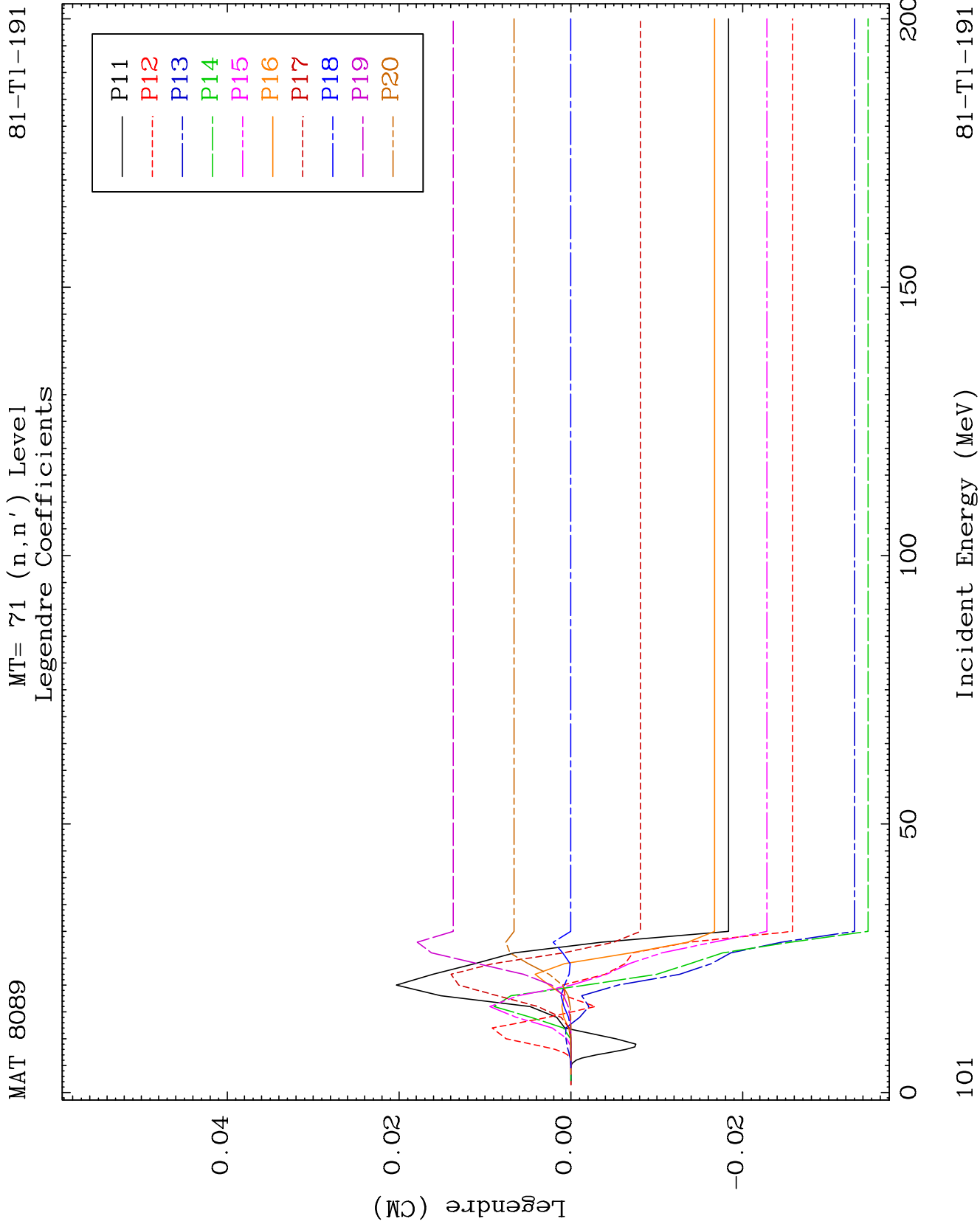
89

Incident Energy (MeV)

81-T1-191



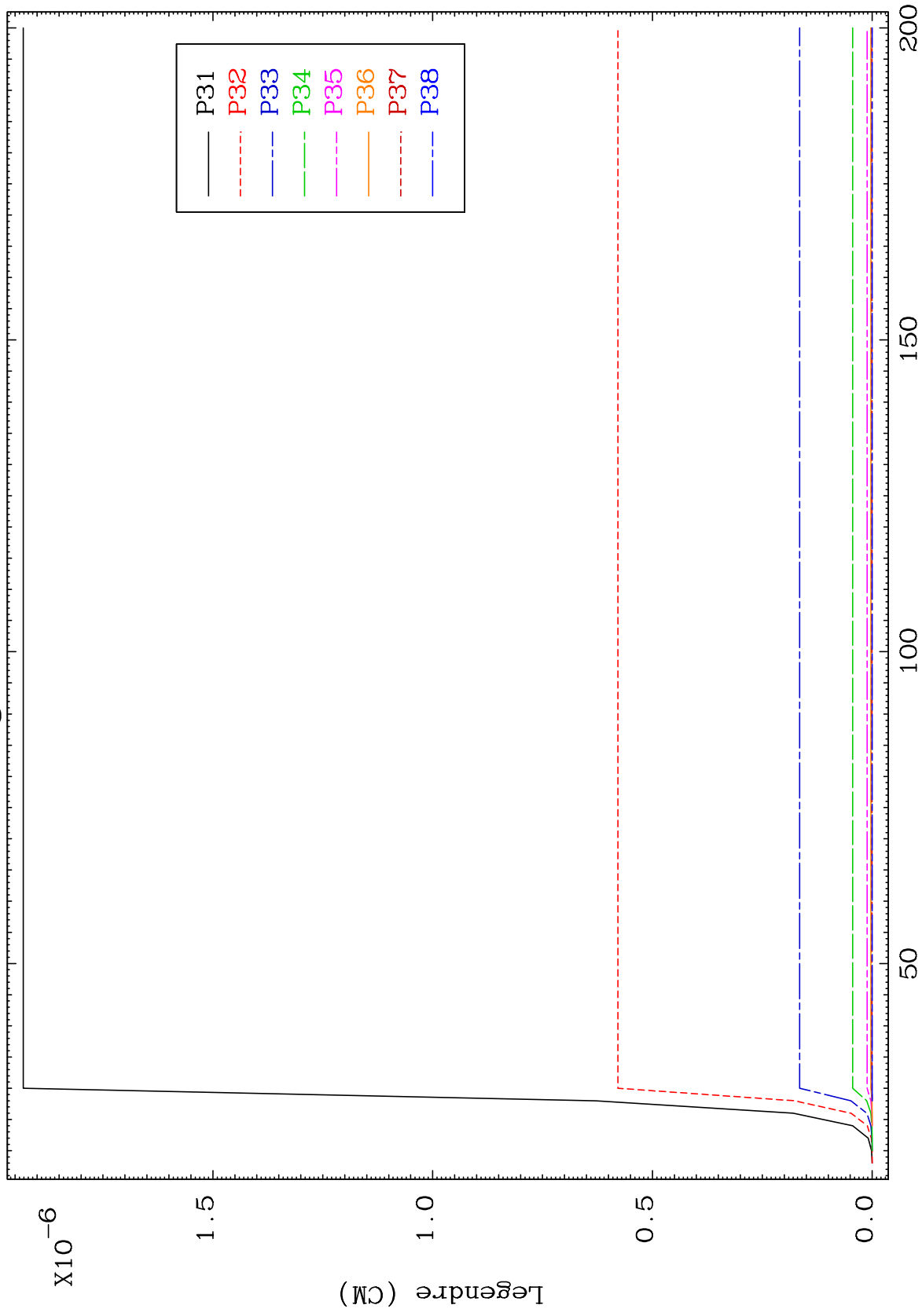




MAT 8089

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

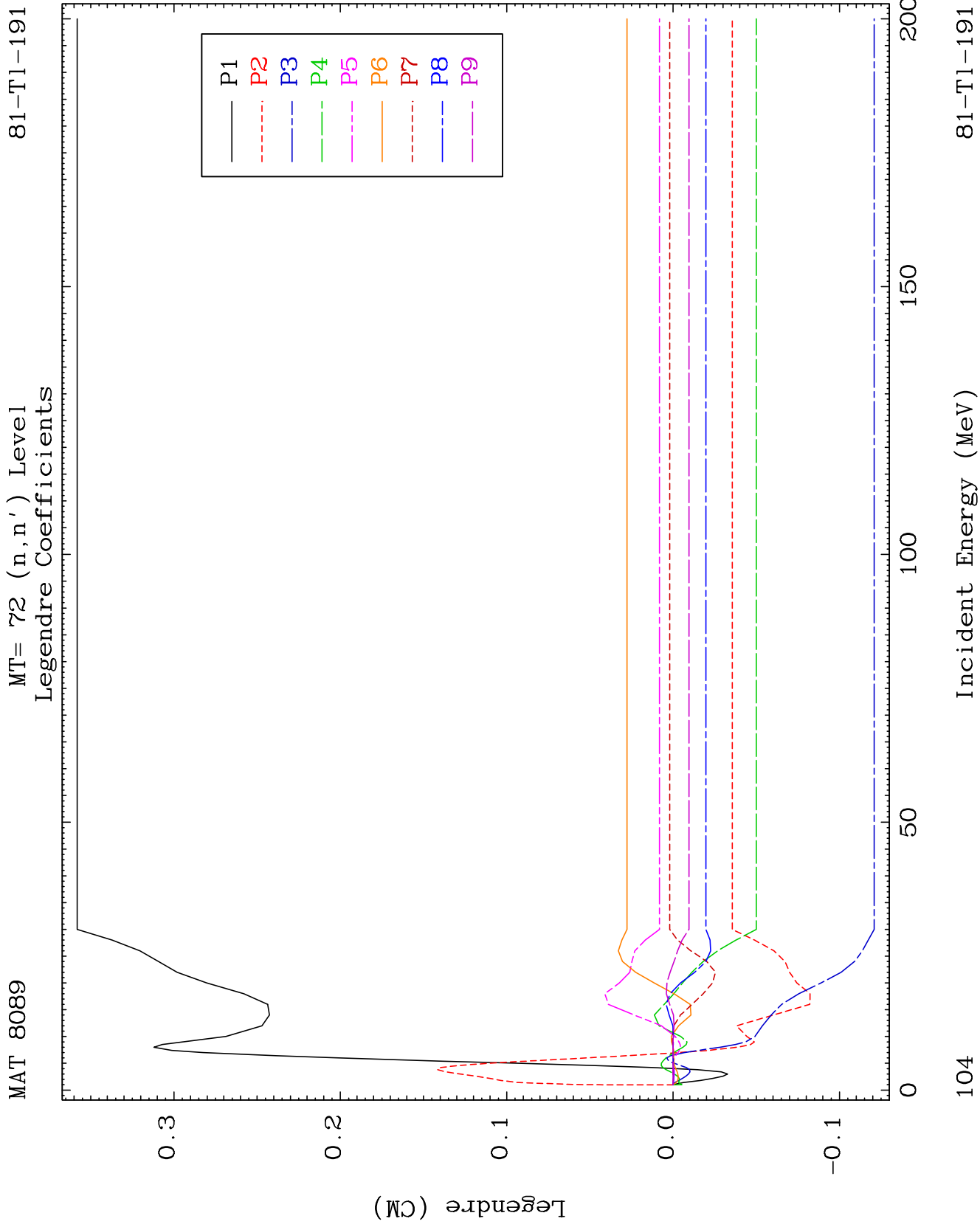
81-Tl-191



103

Incident Energy (MeV)

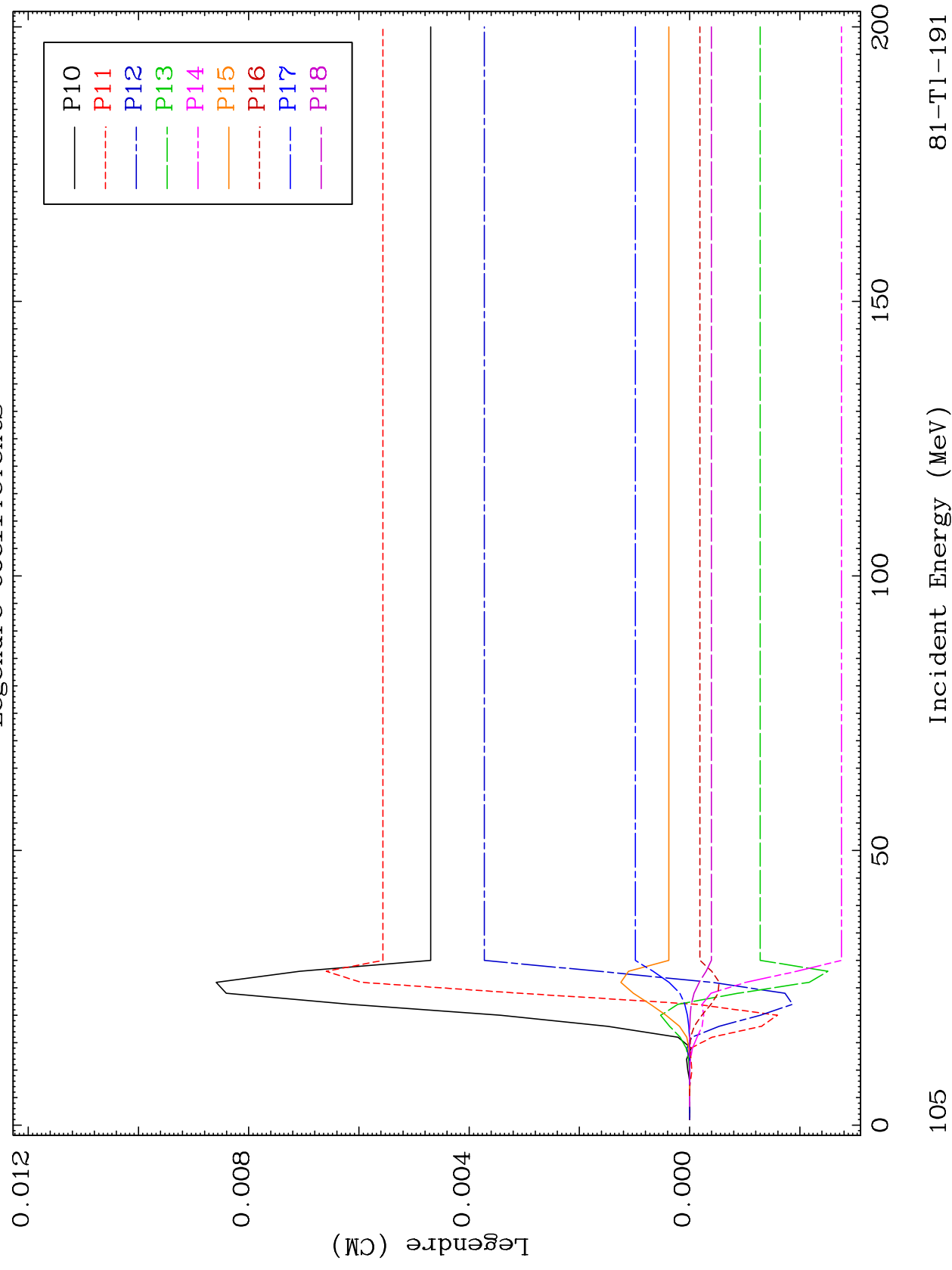
81-Tl-191



MAT 8089

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

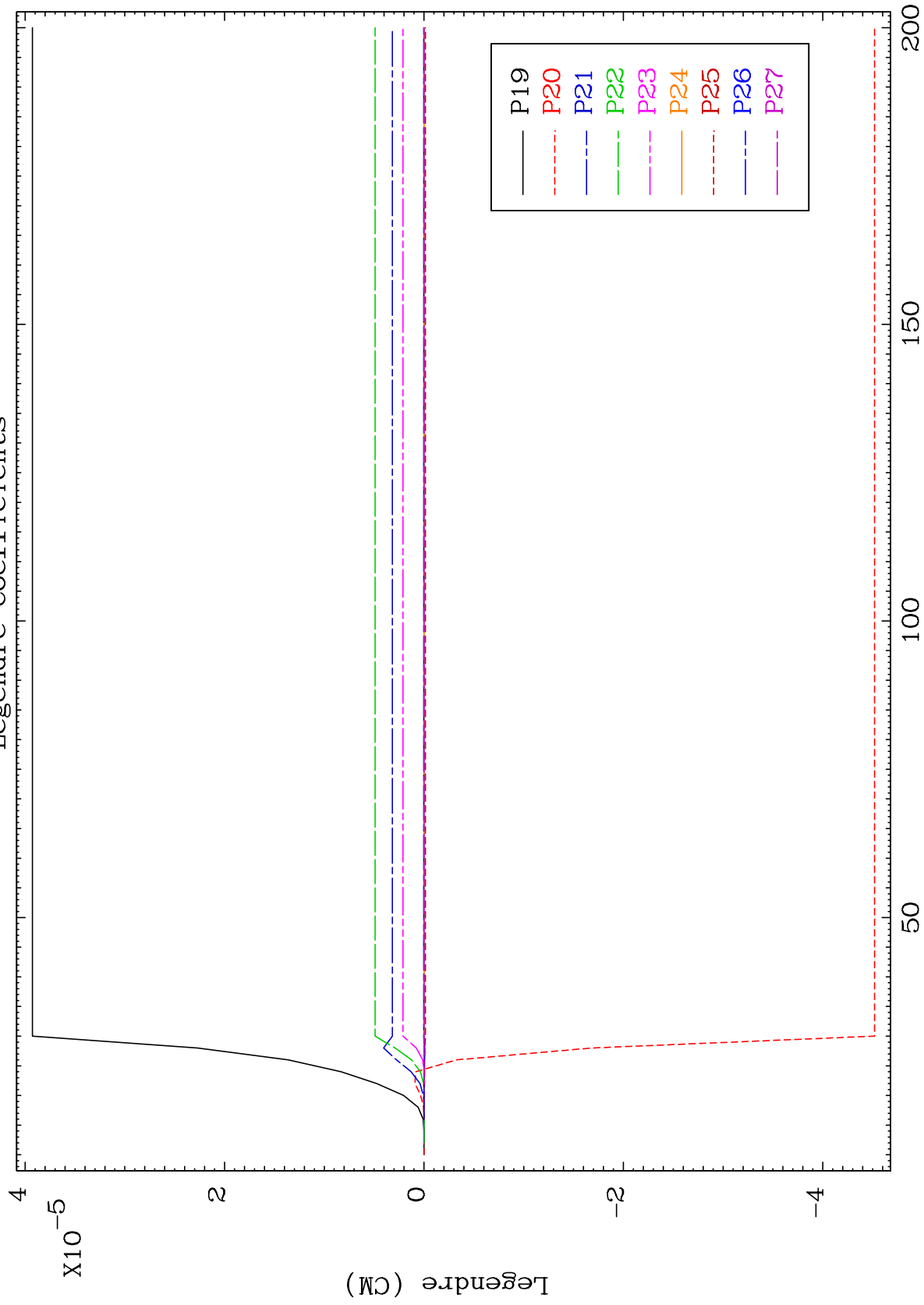
81-T1-191



MAT 8089

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

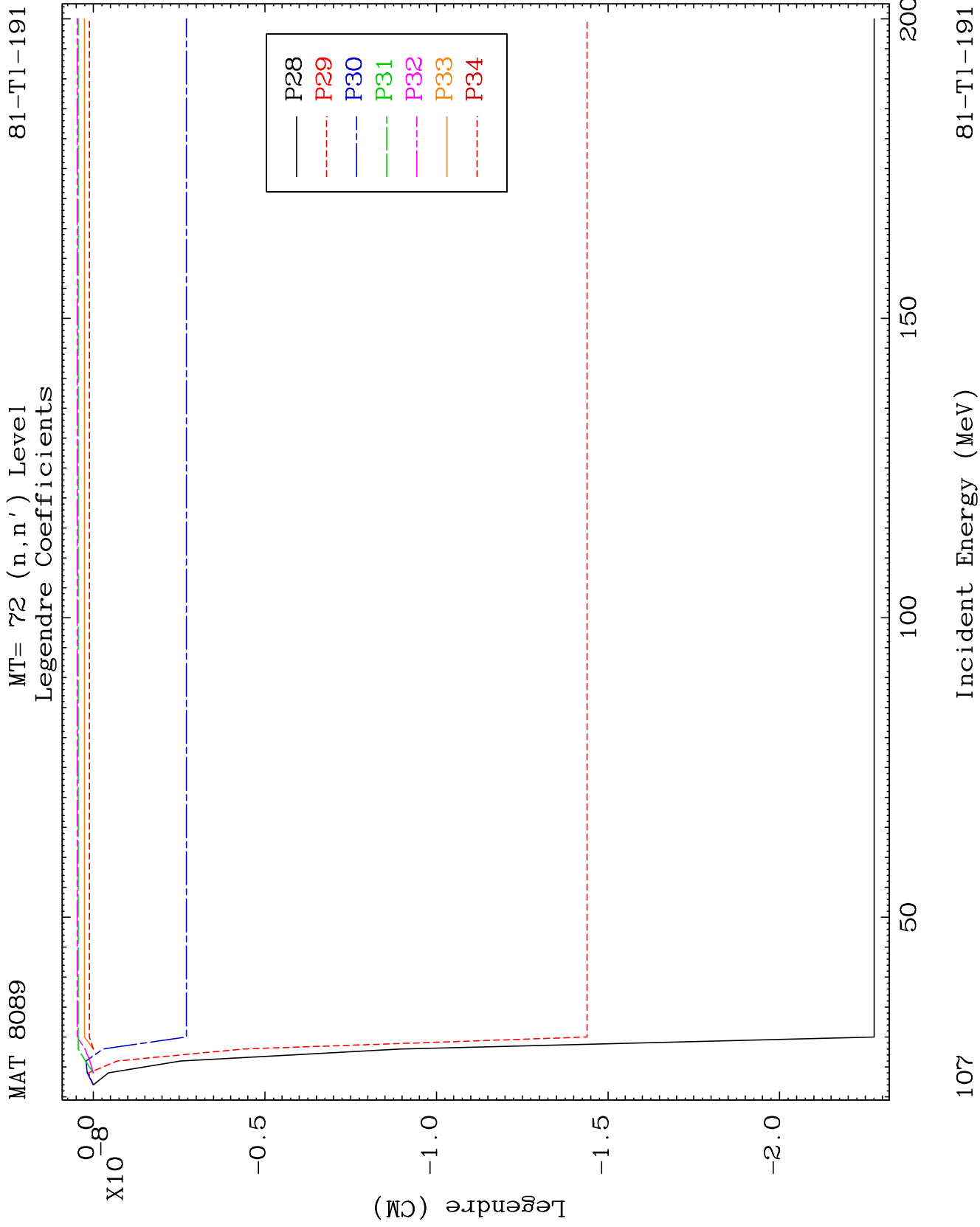
81-Tl-191



106

Incident Energy (MeV)

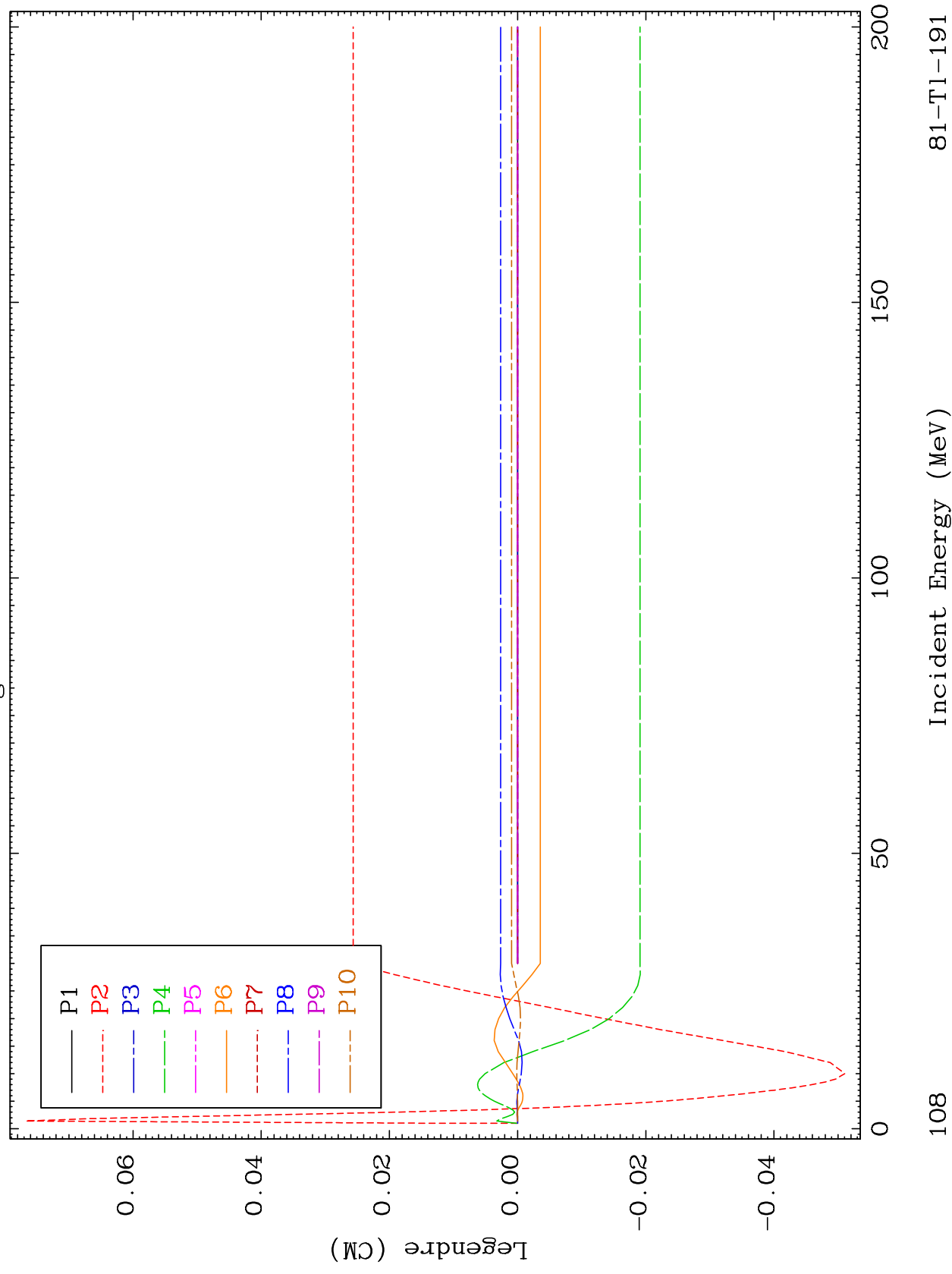
81-Tl-191

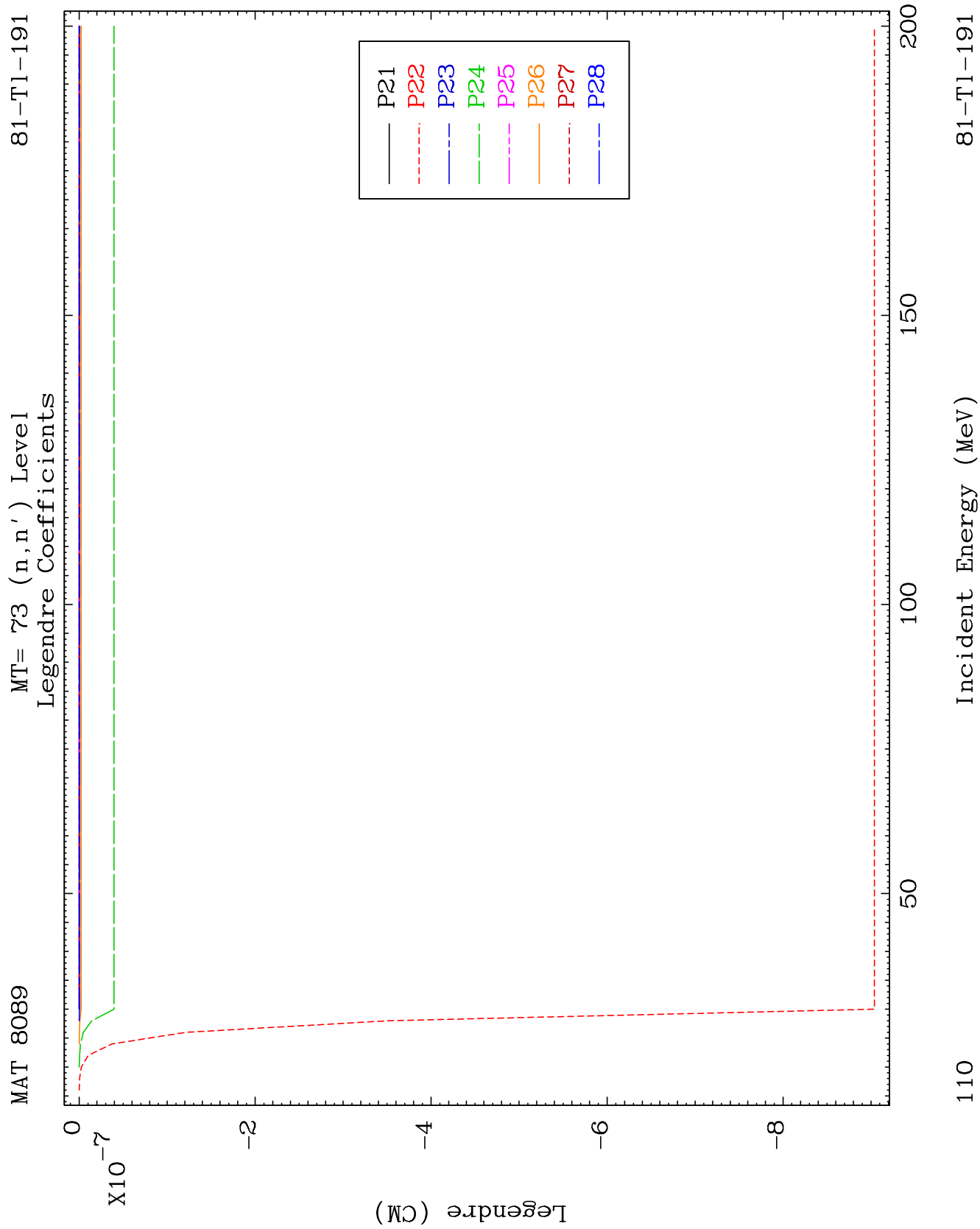


MAT 8089

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

81-T1-191

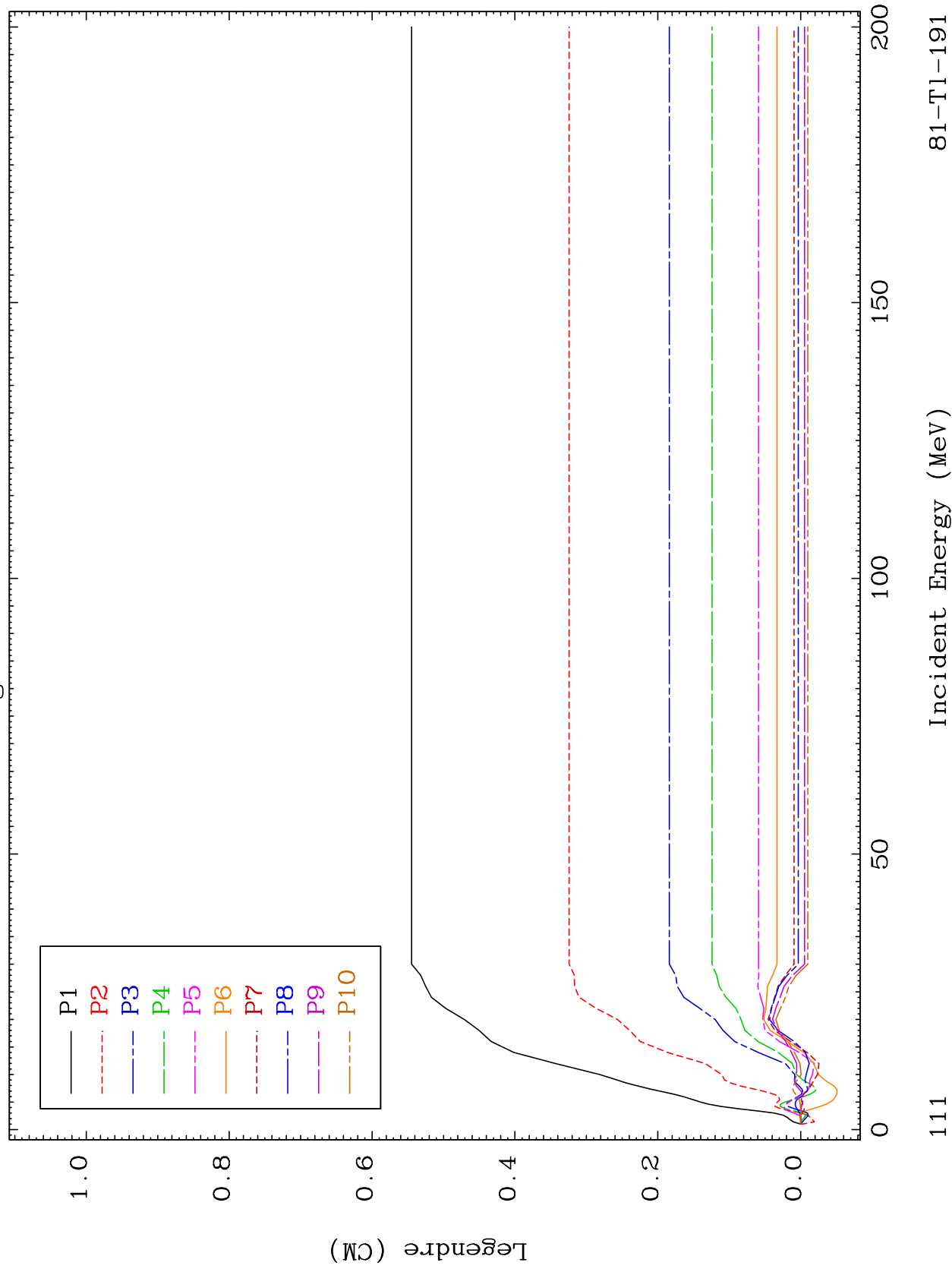


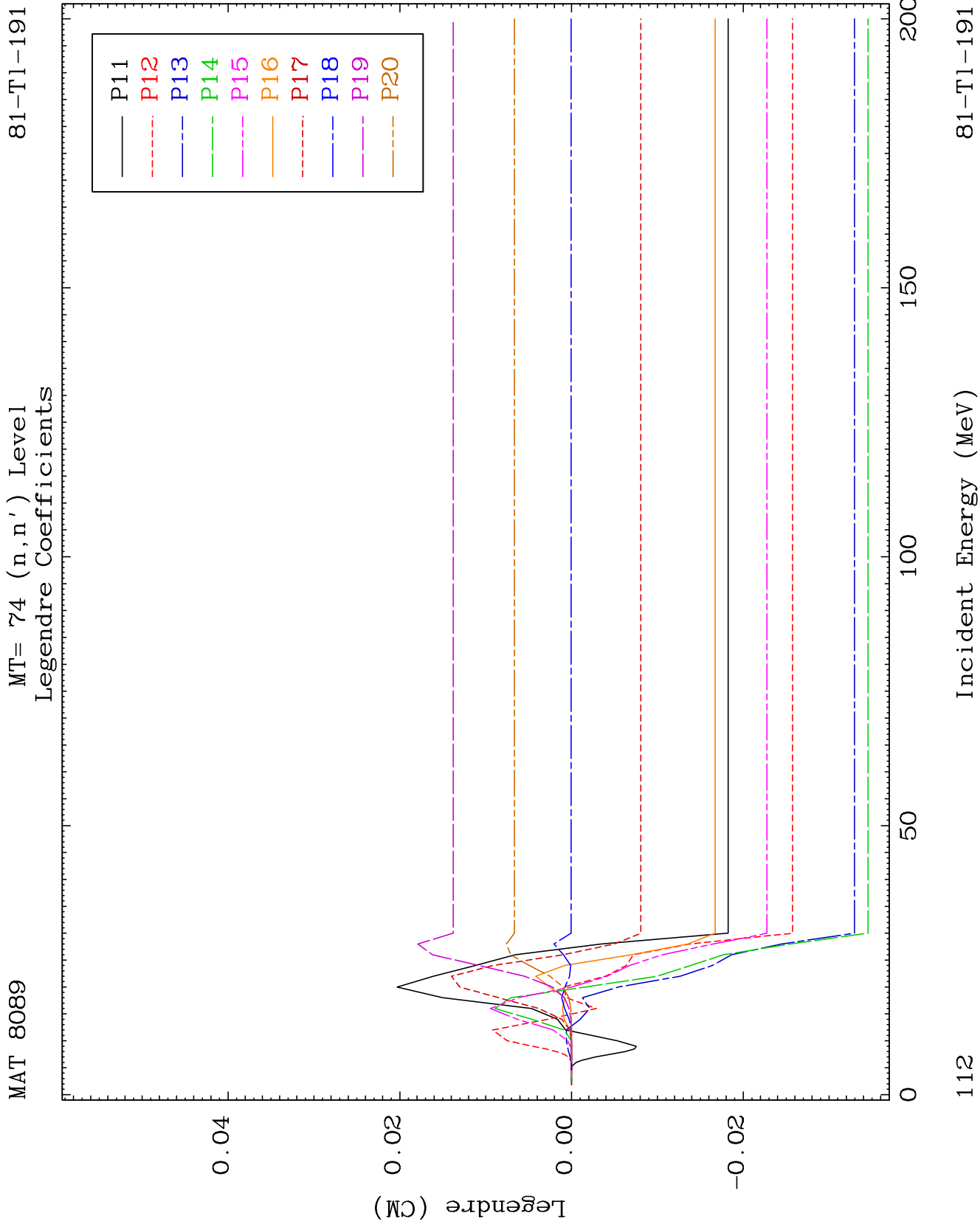


MAT 8089

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

81-T1-191

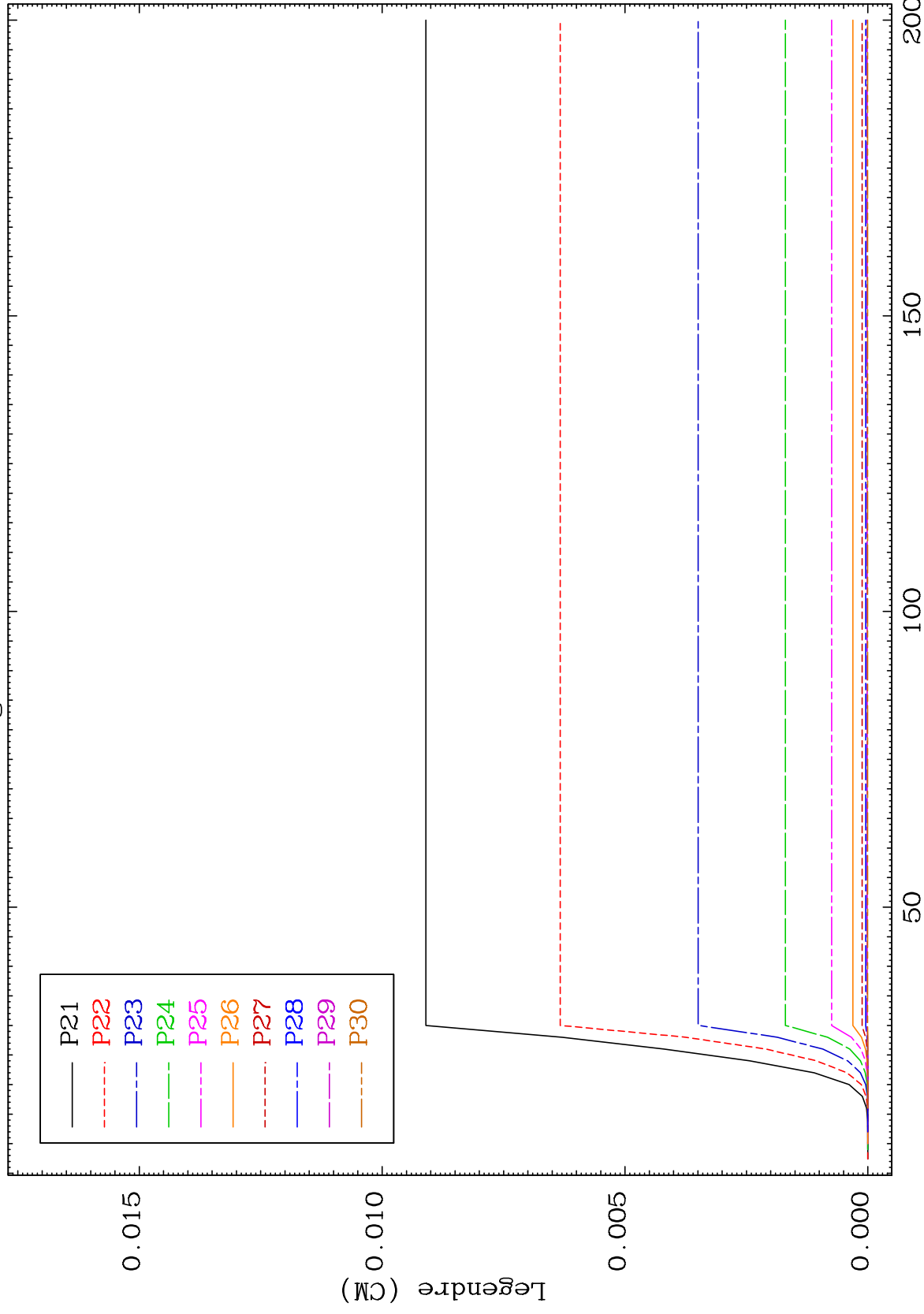




MAT 8089

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

81-Tl-191



113

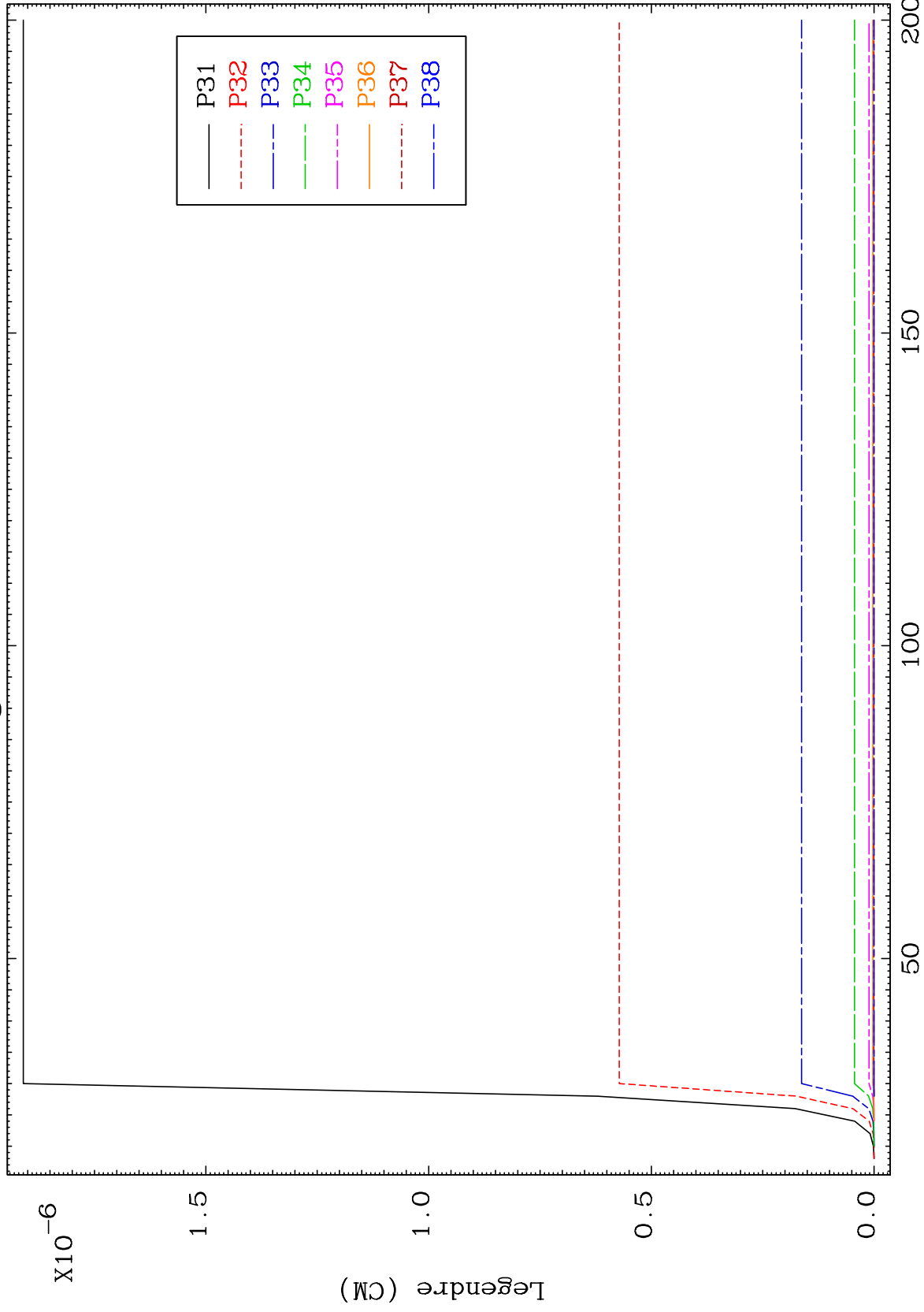
Incident Energy (MeV)

81-Tl-191

MAT 8089

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

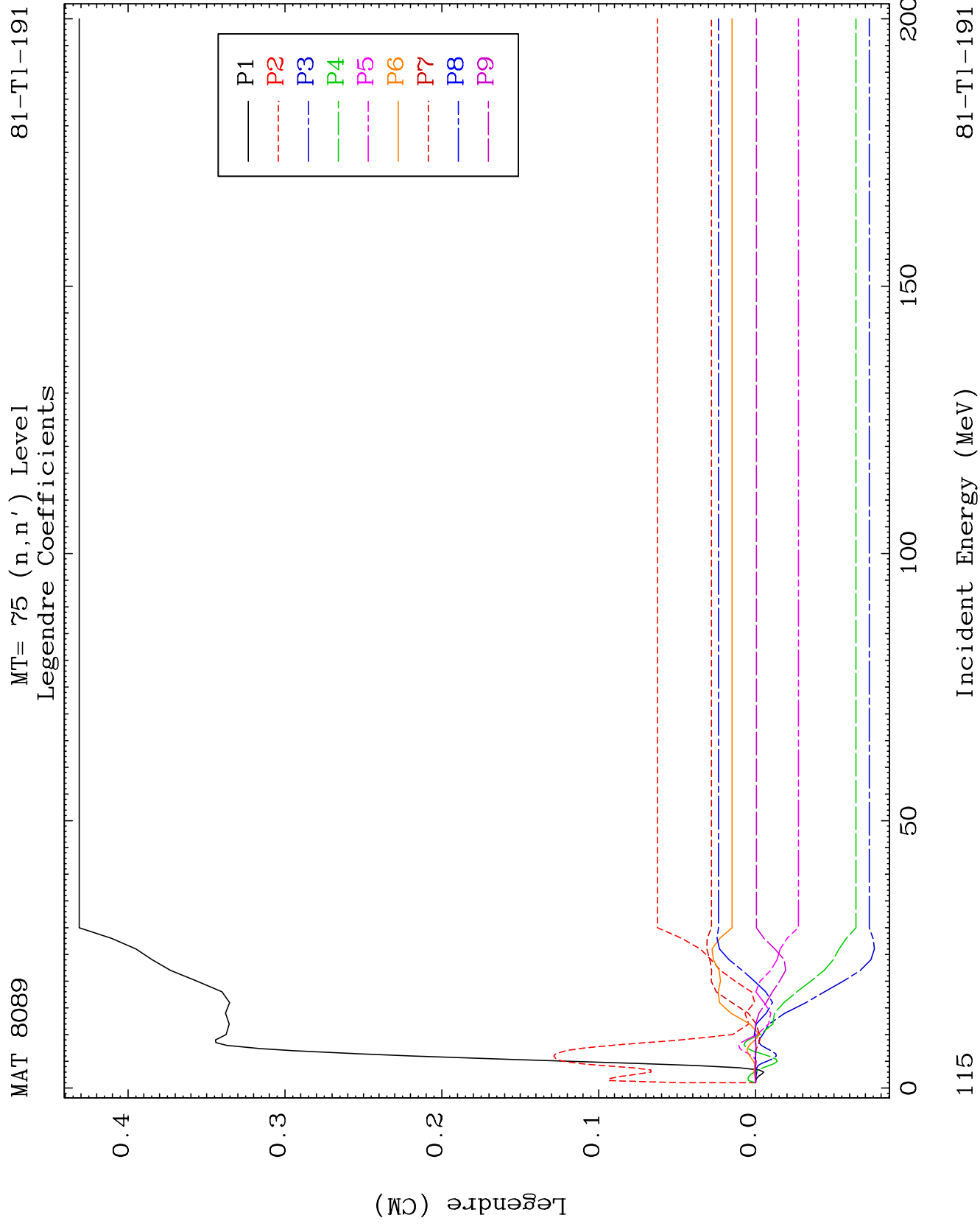
81-Tl-191



114

Incident Energy (MeV)

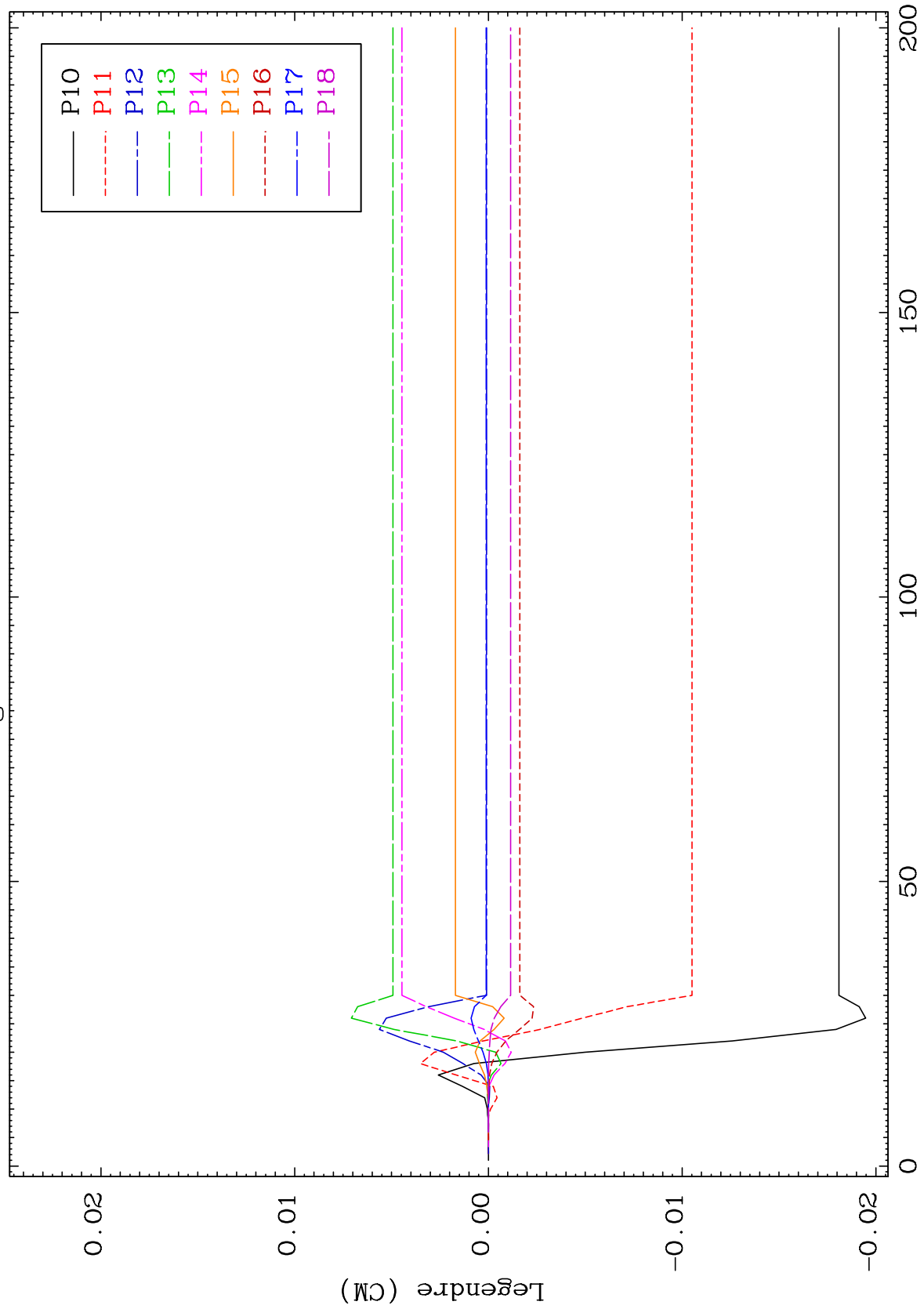
81-Tl-191



MAT 8089

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

81-T1-191



116

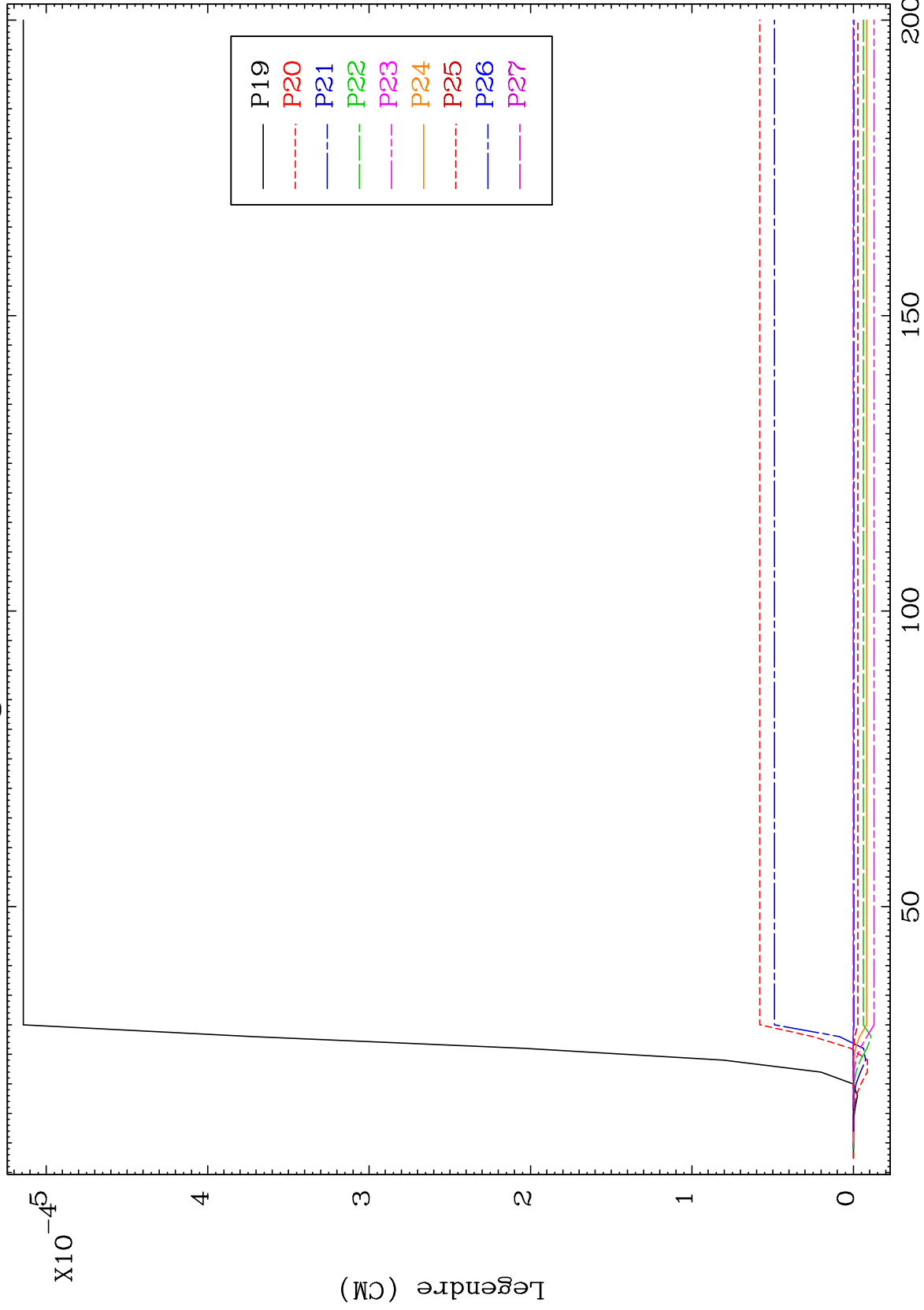
Incident Energy (MeV)

81-T1-191

MAT 8089

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

81-Tl-191



117

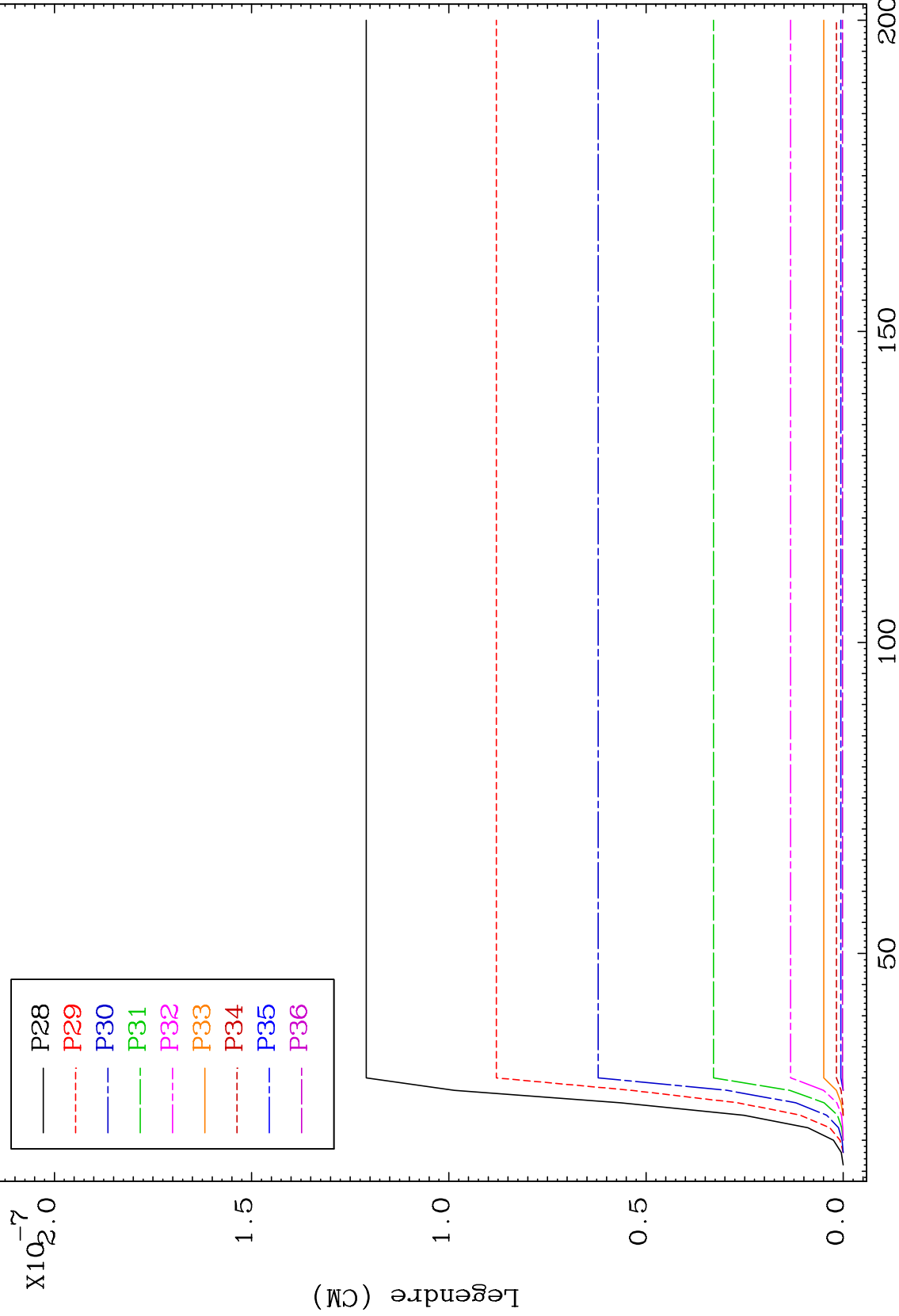
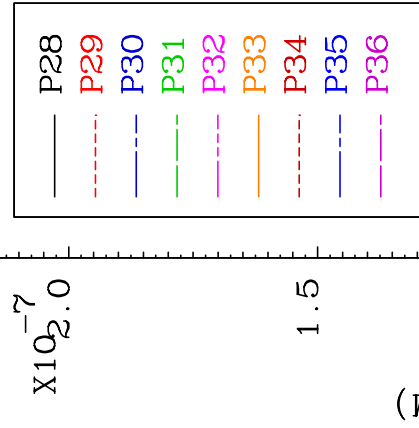
Incident Energy (MeV)

81-Tl-191

MAT 8089

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

81-Tl-191



118

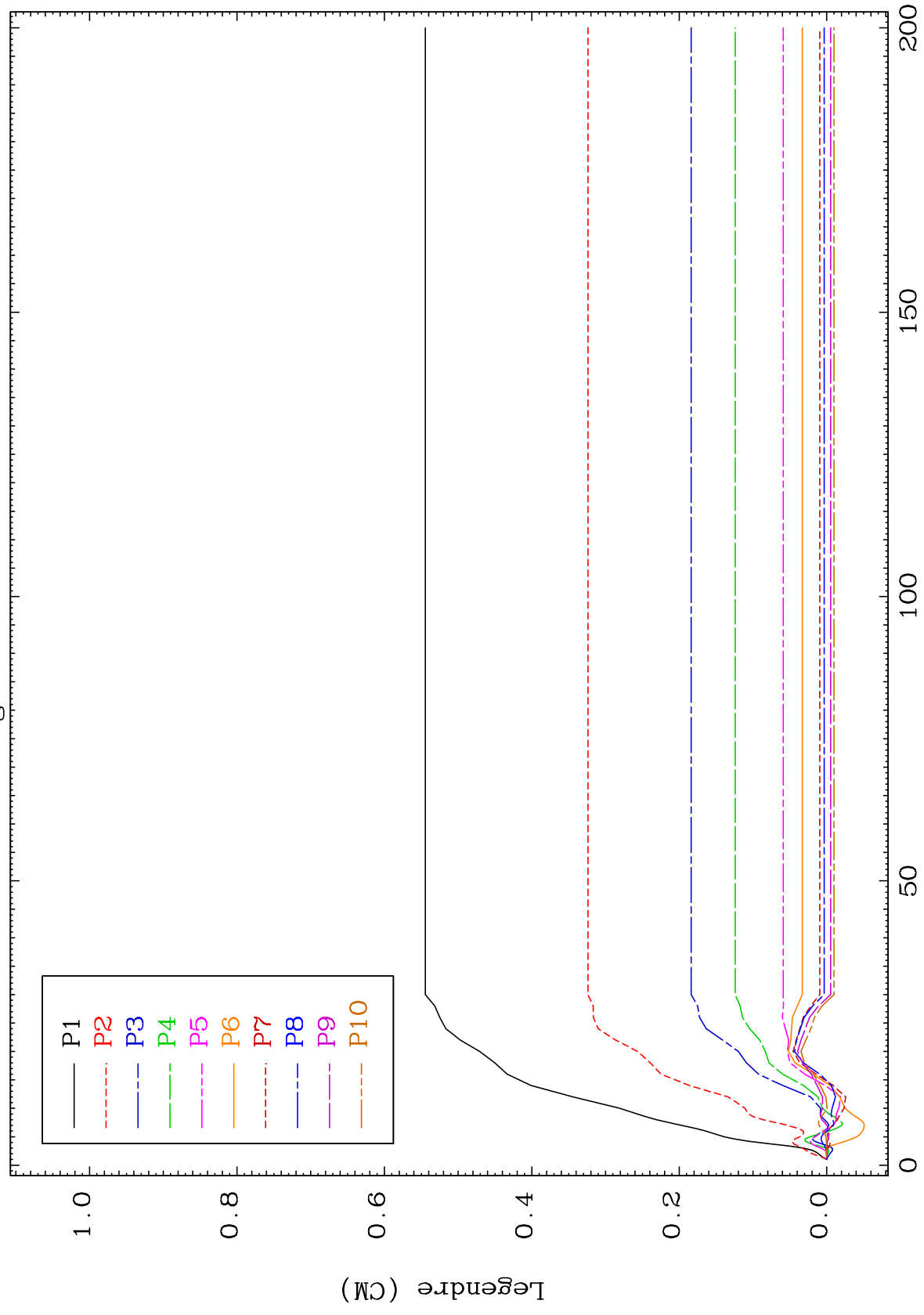
Incident Energy (MeV)

81-Tl-191

MAT 8089

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

81-T1-191



119

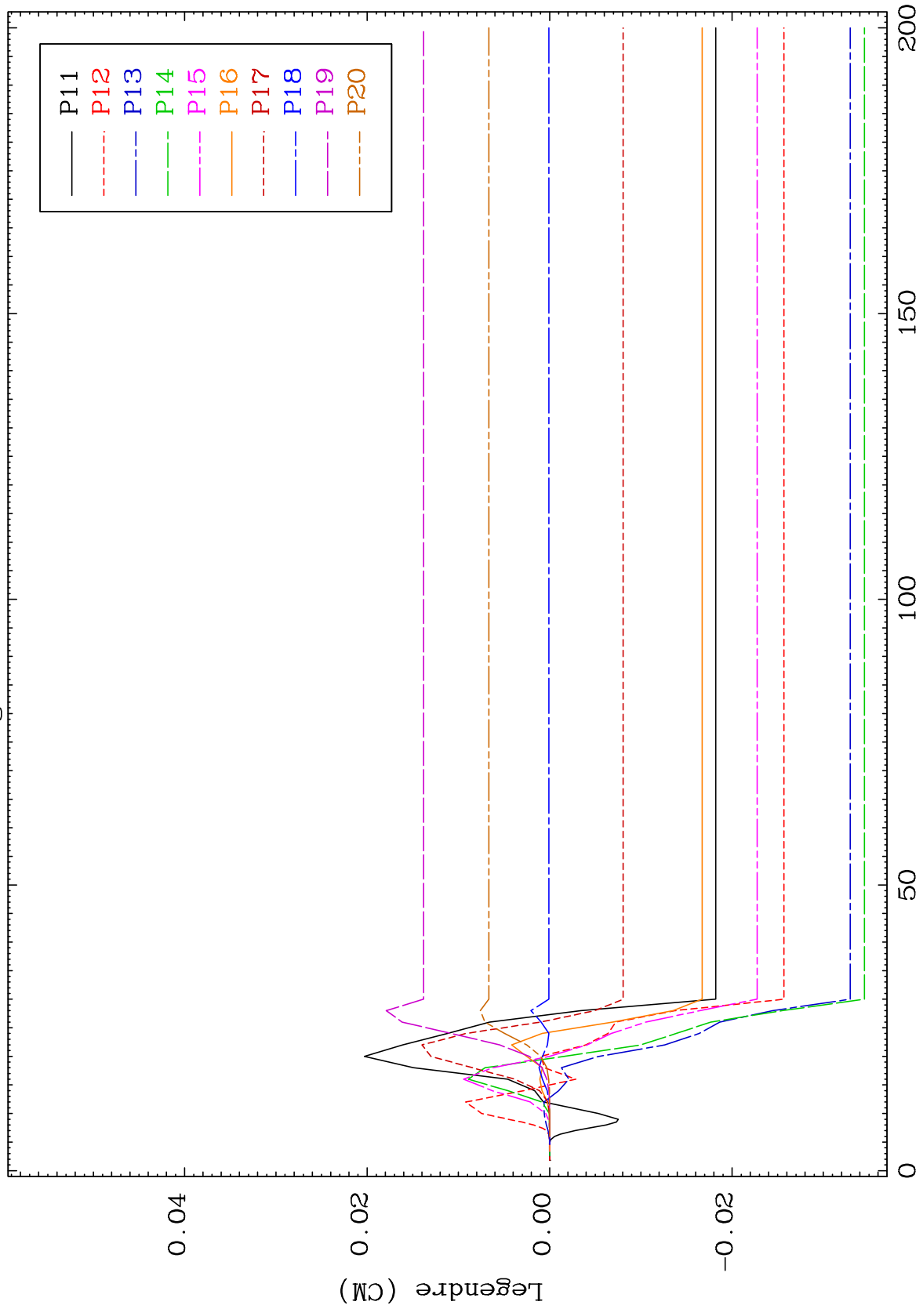
Incident Energy (MeV)

81-T1-191

MAT 8089

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

81-T1-191



120

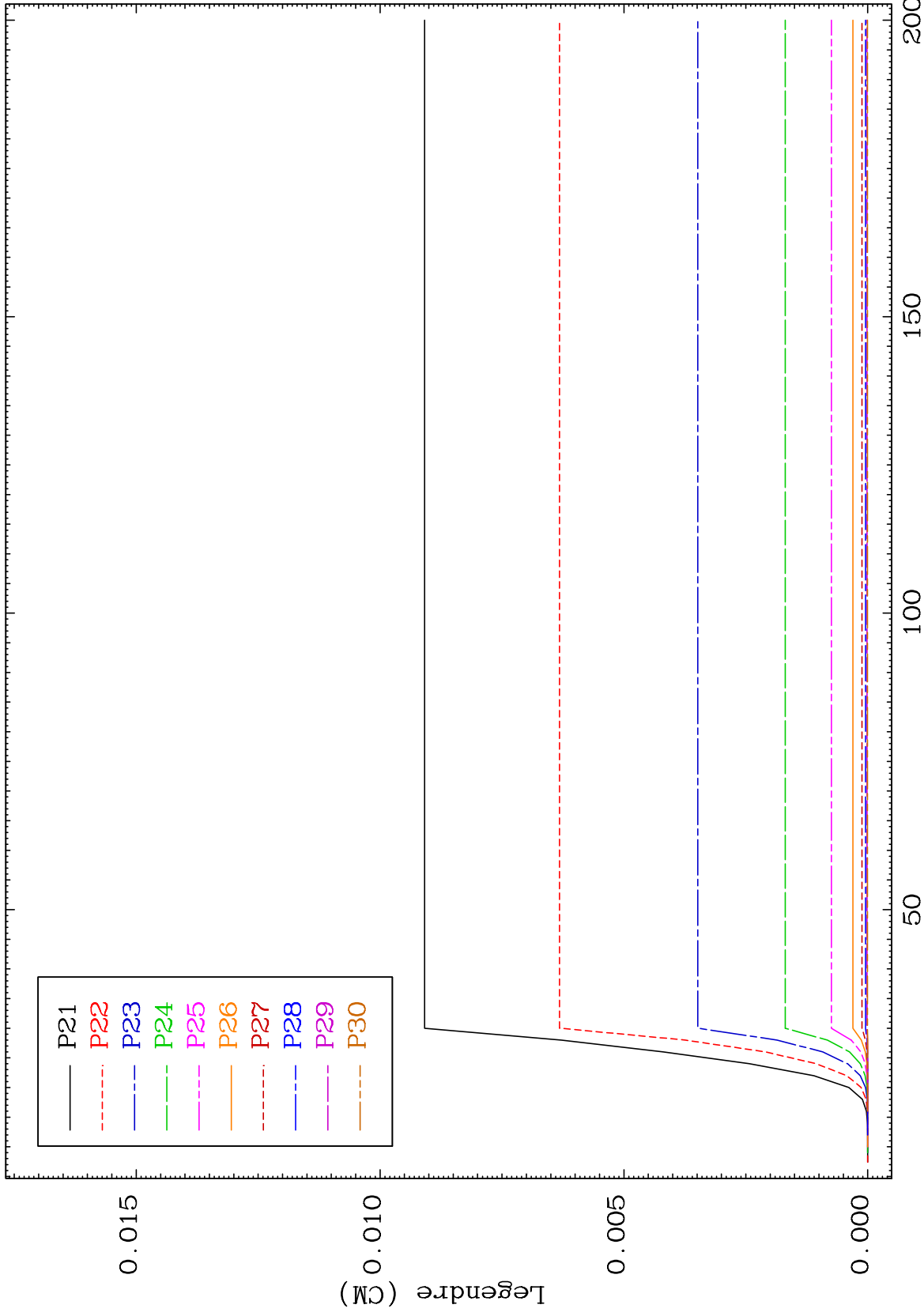
Incident Energy (MeV)

81-T1-191

MAT 8089

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

81-Tl-191



121

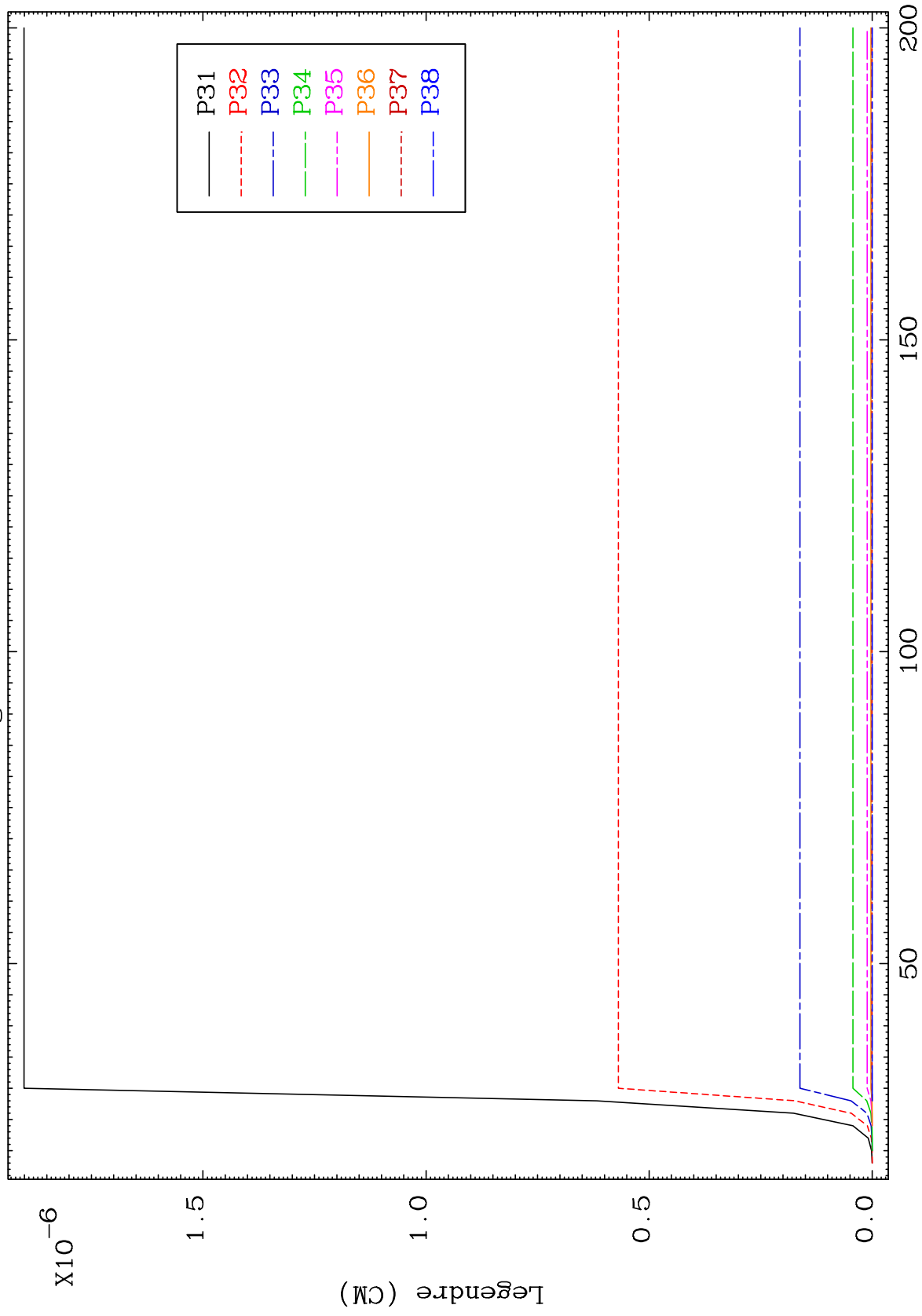
Incident Energy (MeV)

81-Tl-191

MAT 8089

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

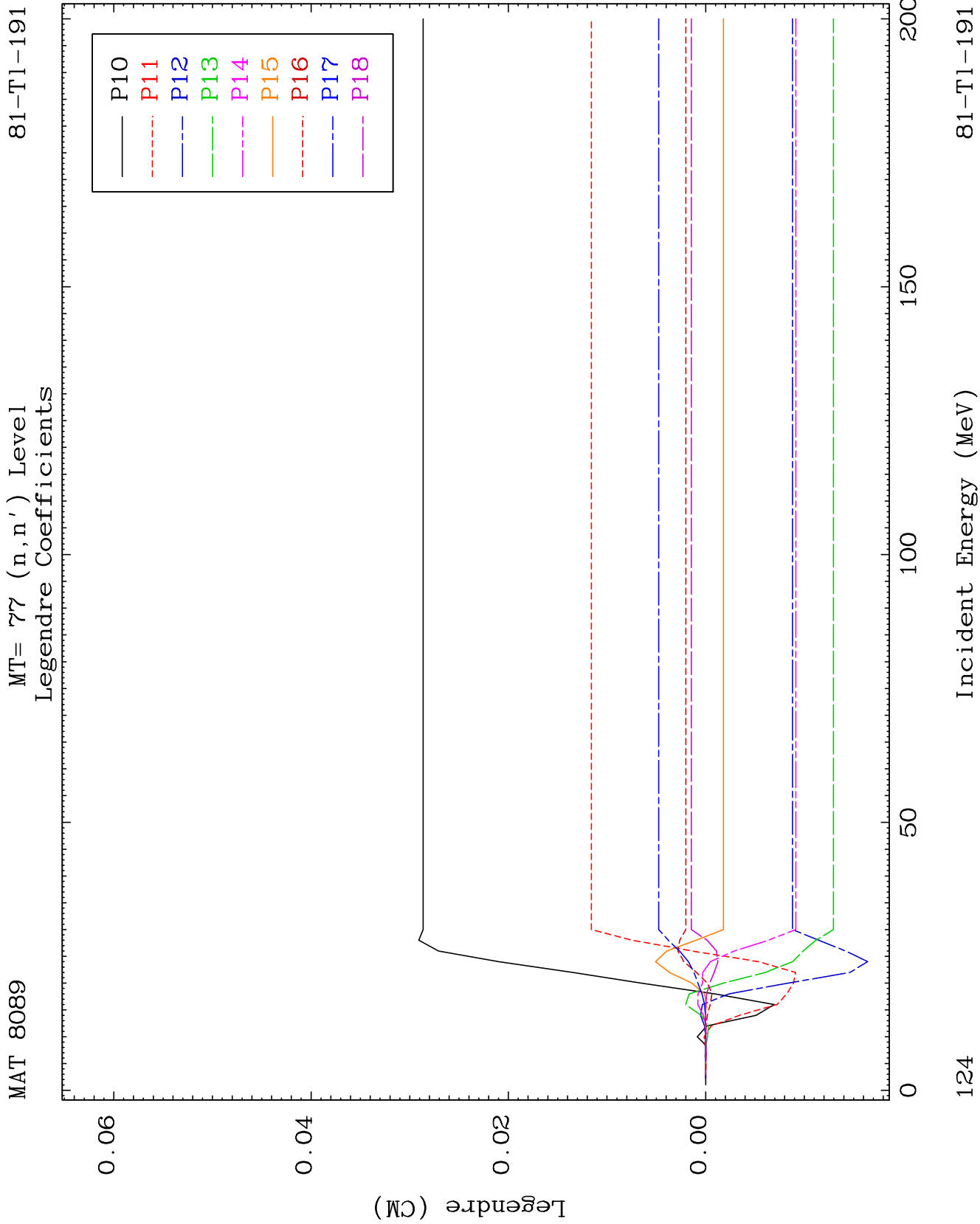
81-Tl-191



122

Incident Energy (MeV)

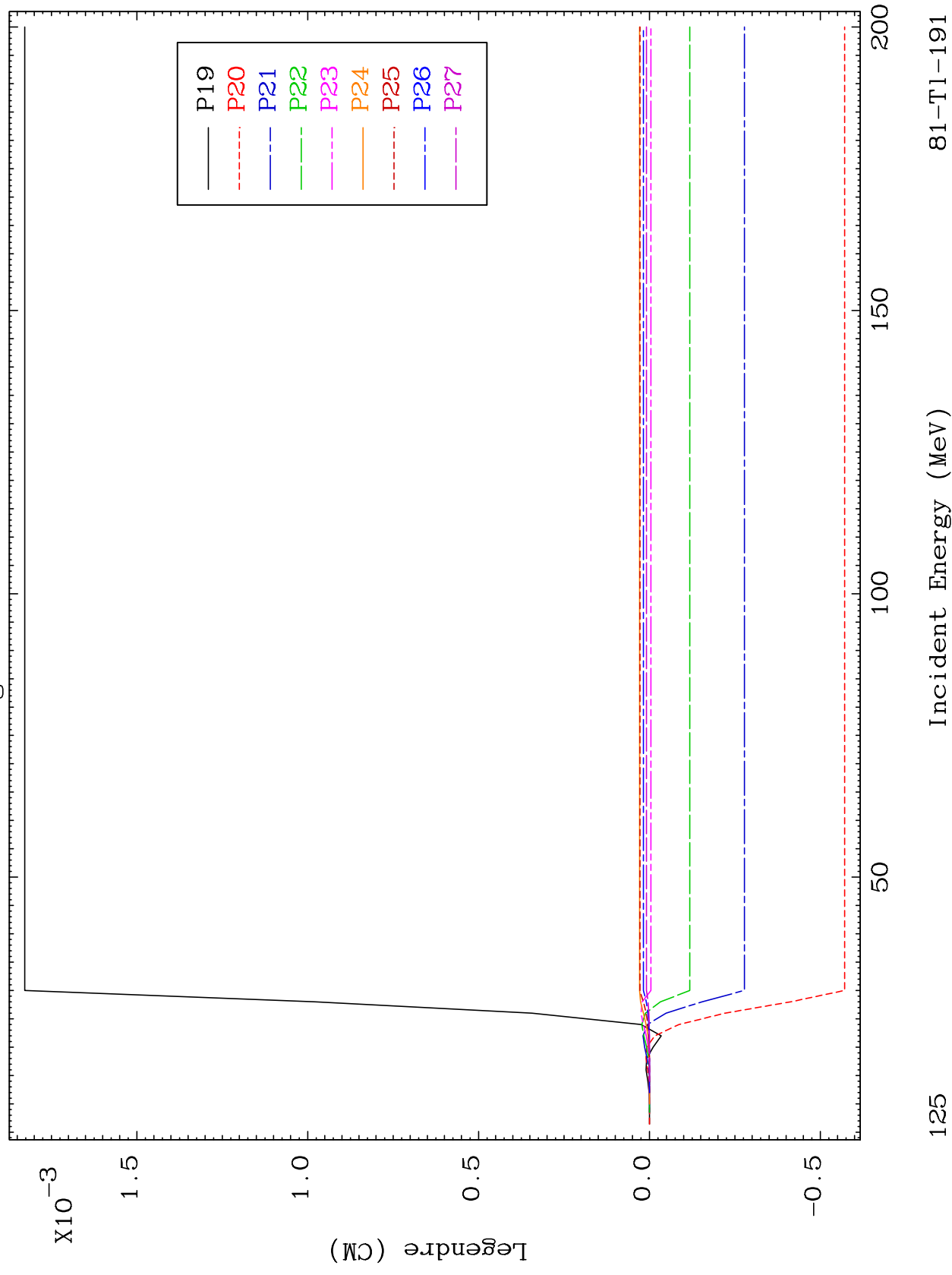
81-Tl-191



MAT 8089

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

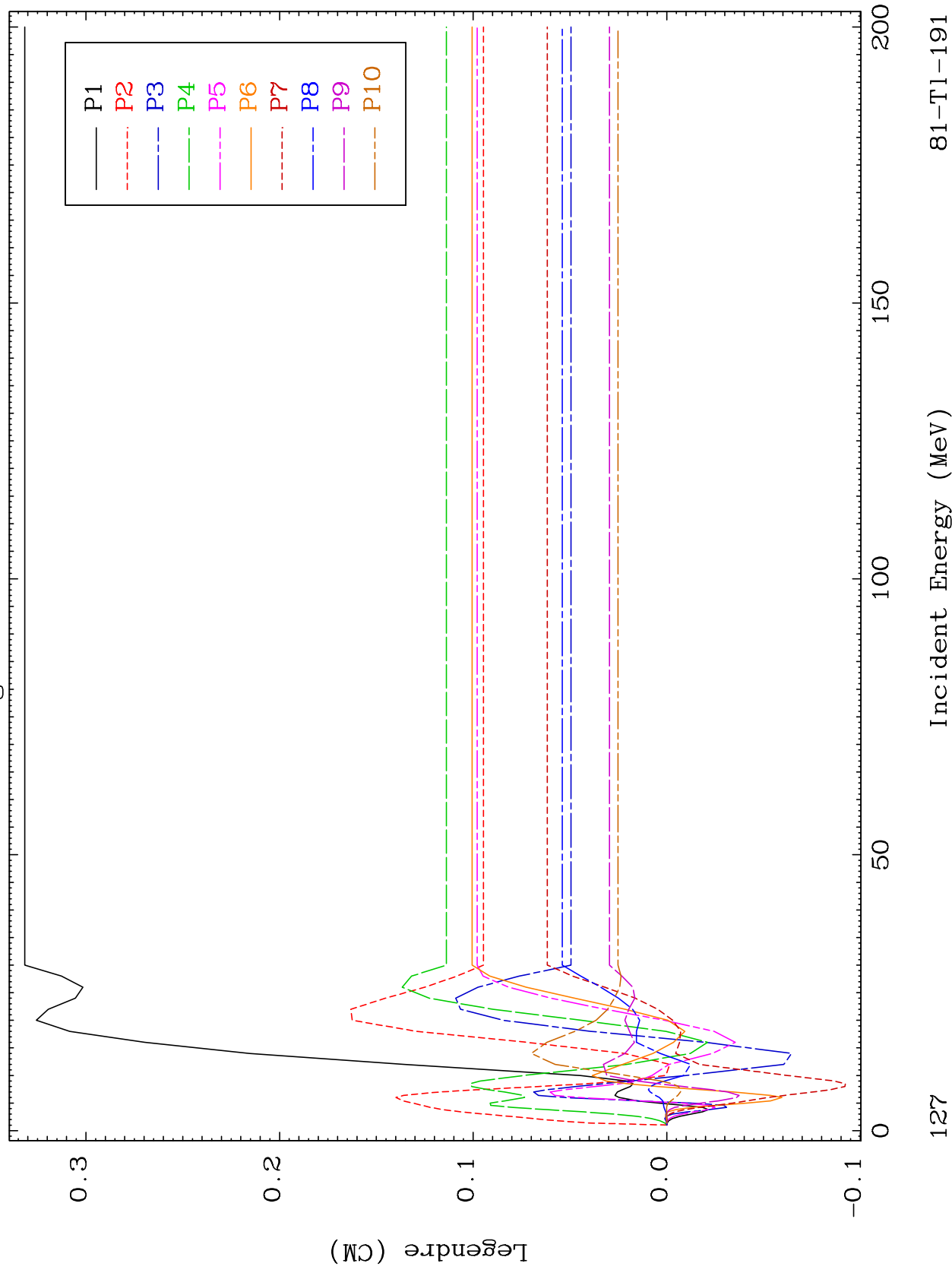
81-T1-191



MAT 8089

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

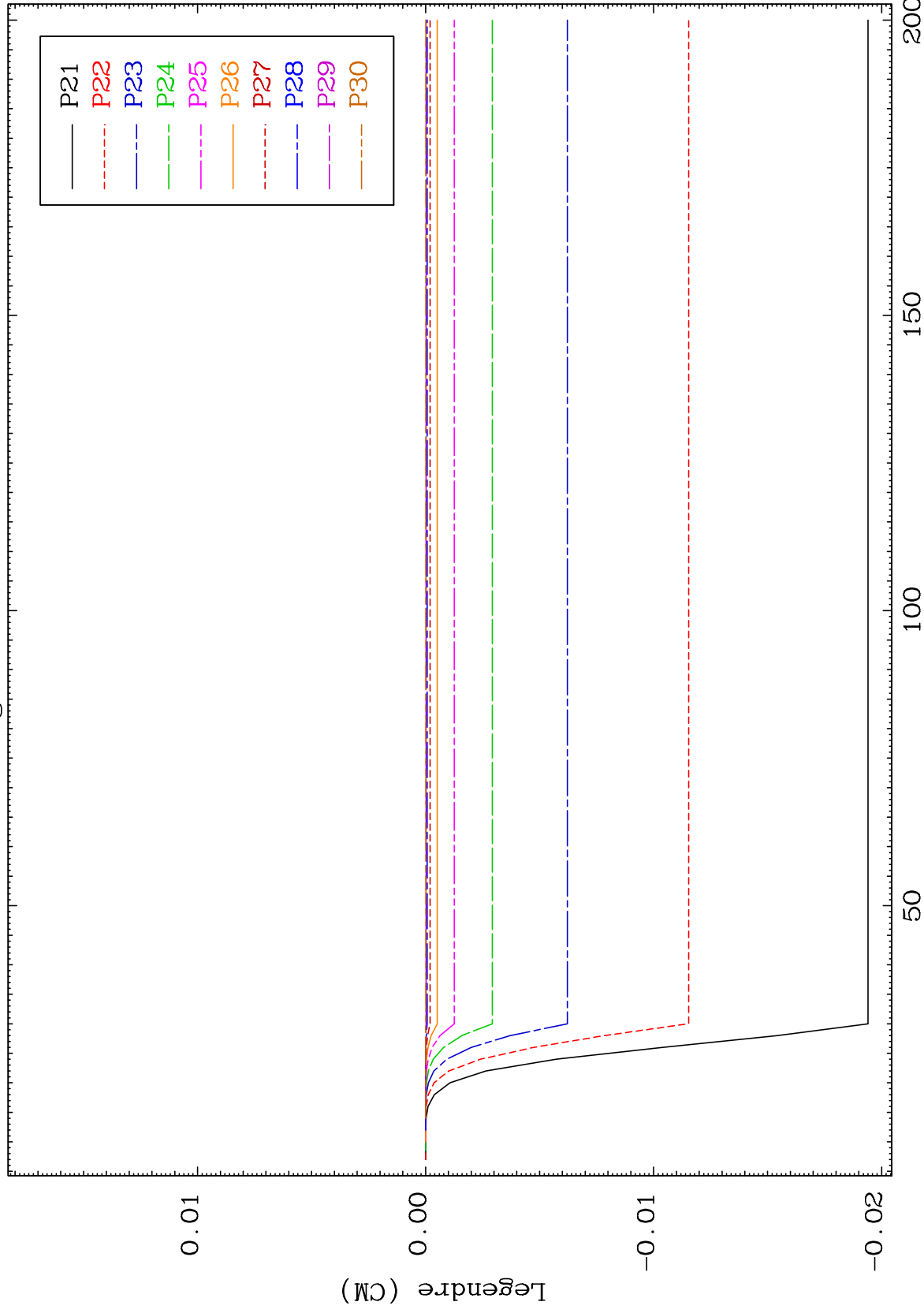
81-T1-191



MAT 8089

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

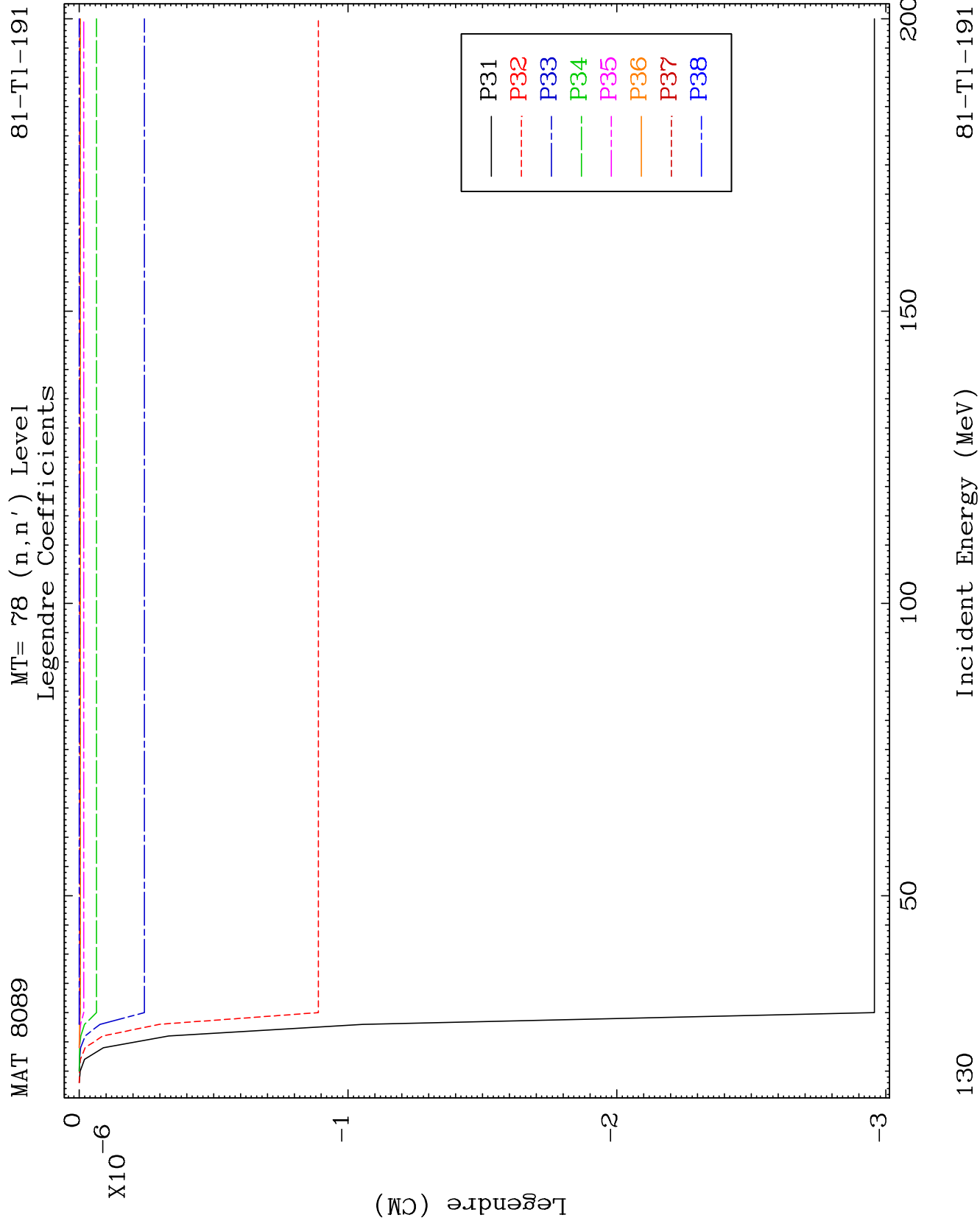
81-T1-191



129

Incident Energy (MeV)

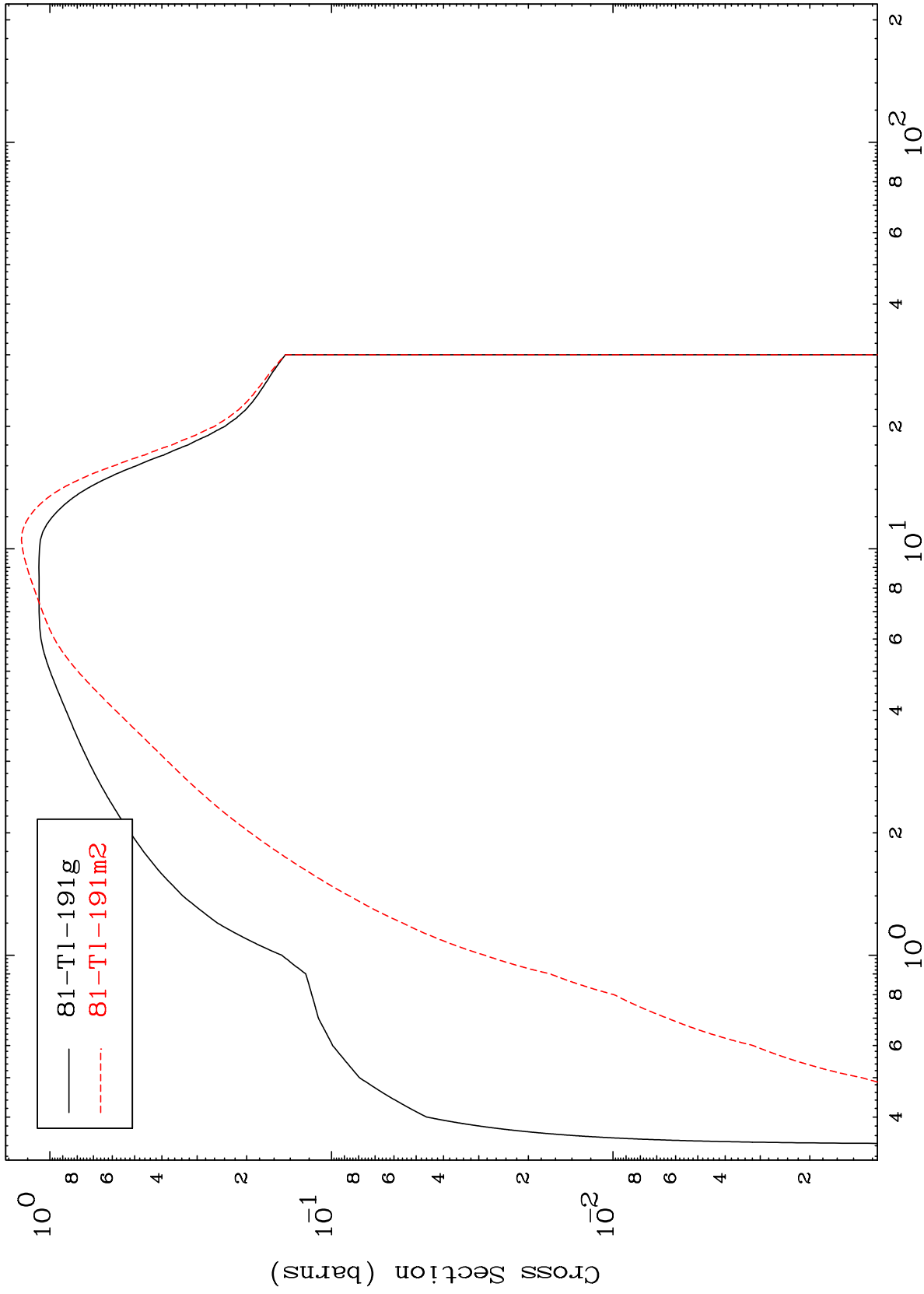
81-T1-191



MAT 8089

81-Tl-191

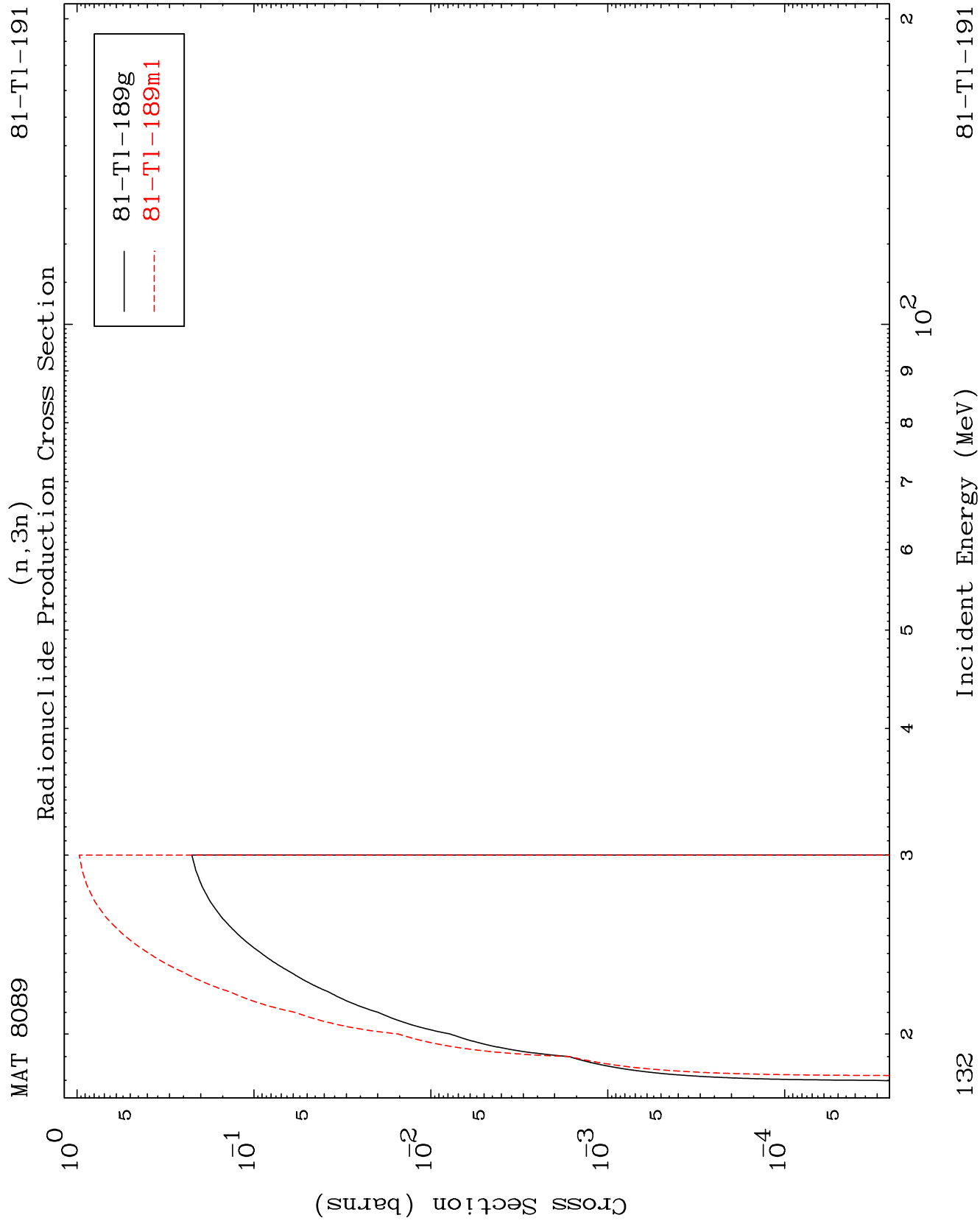
Inelastic
Radionuclide Production Cross Section



131

Incident Energy (MeV)

81-Tl-191

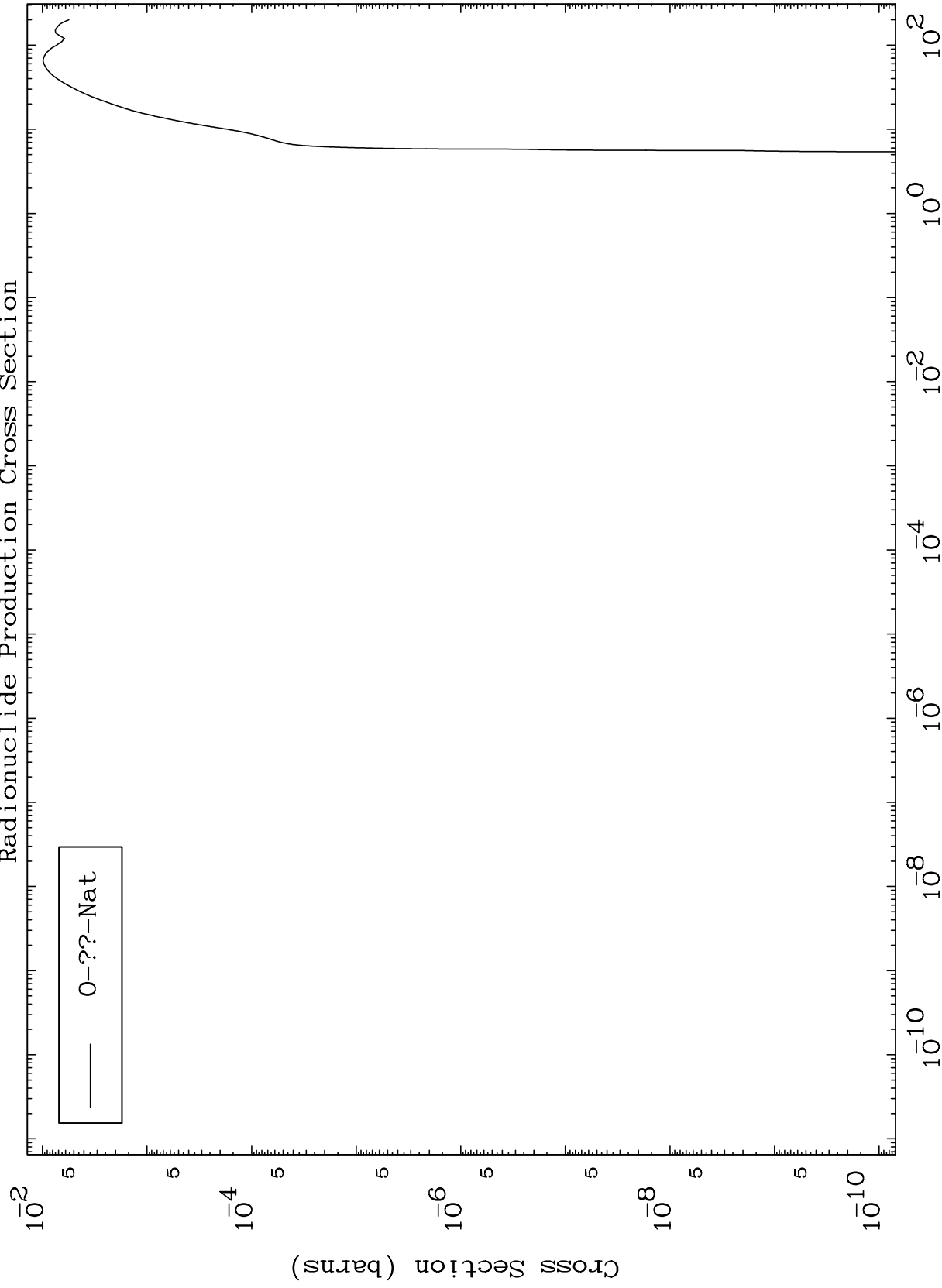


MAT 8089

Fission

81-Tl-191

Radionuclide Production Cross Section



133

Incident Energy (MeV)

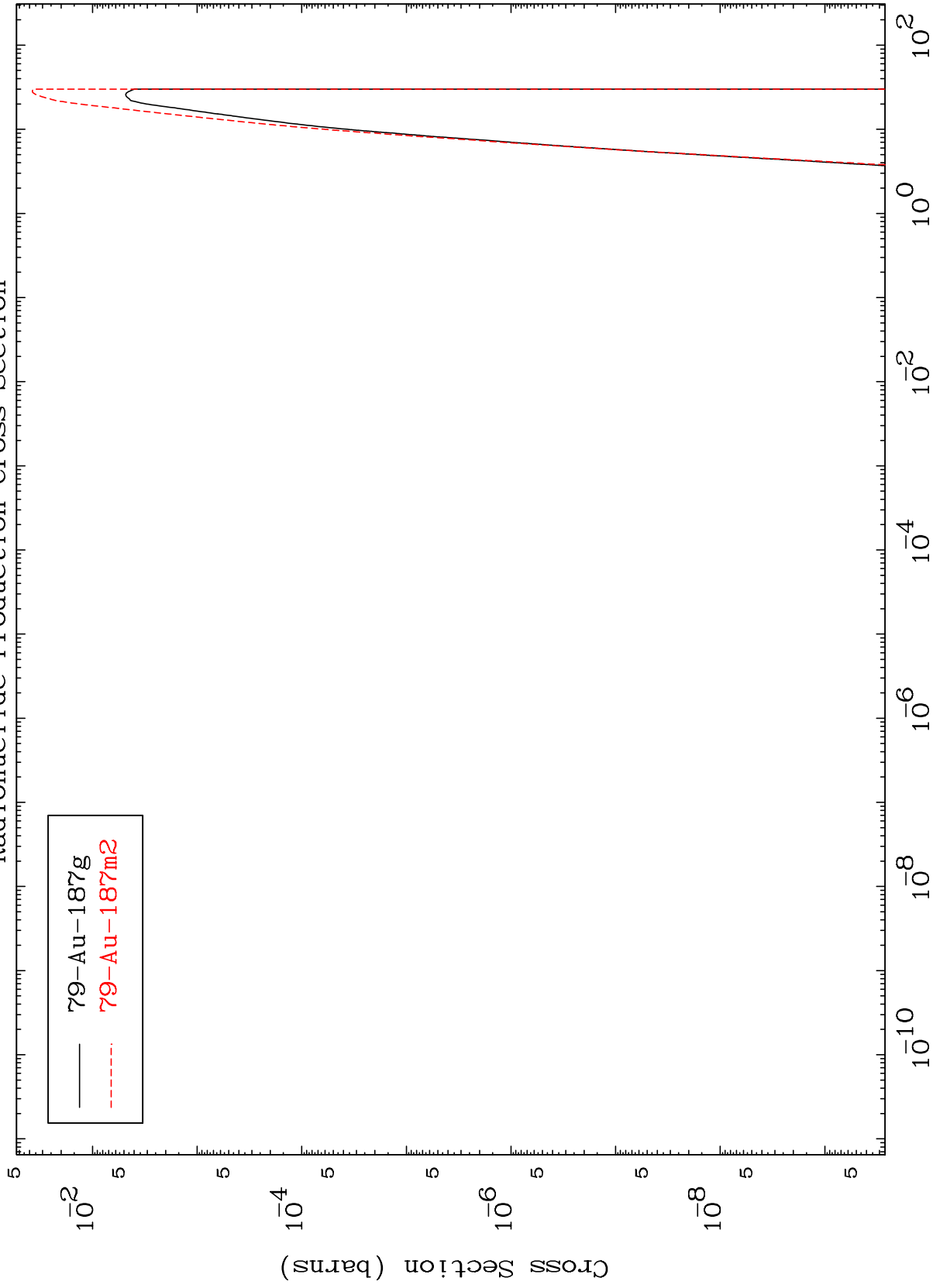
81-Tl-191

MAT 8089

$(n,n') \alpha$

81-Tl-191

Radionuclide Production Cross Section



134

Incident Energy (MeV)

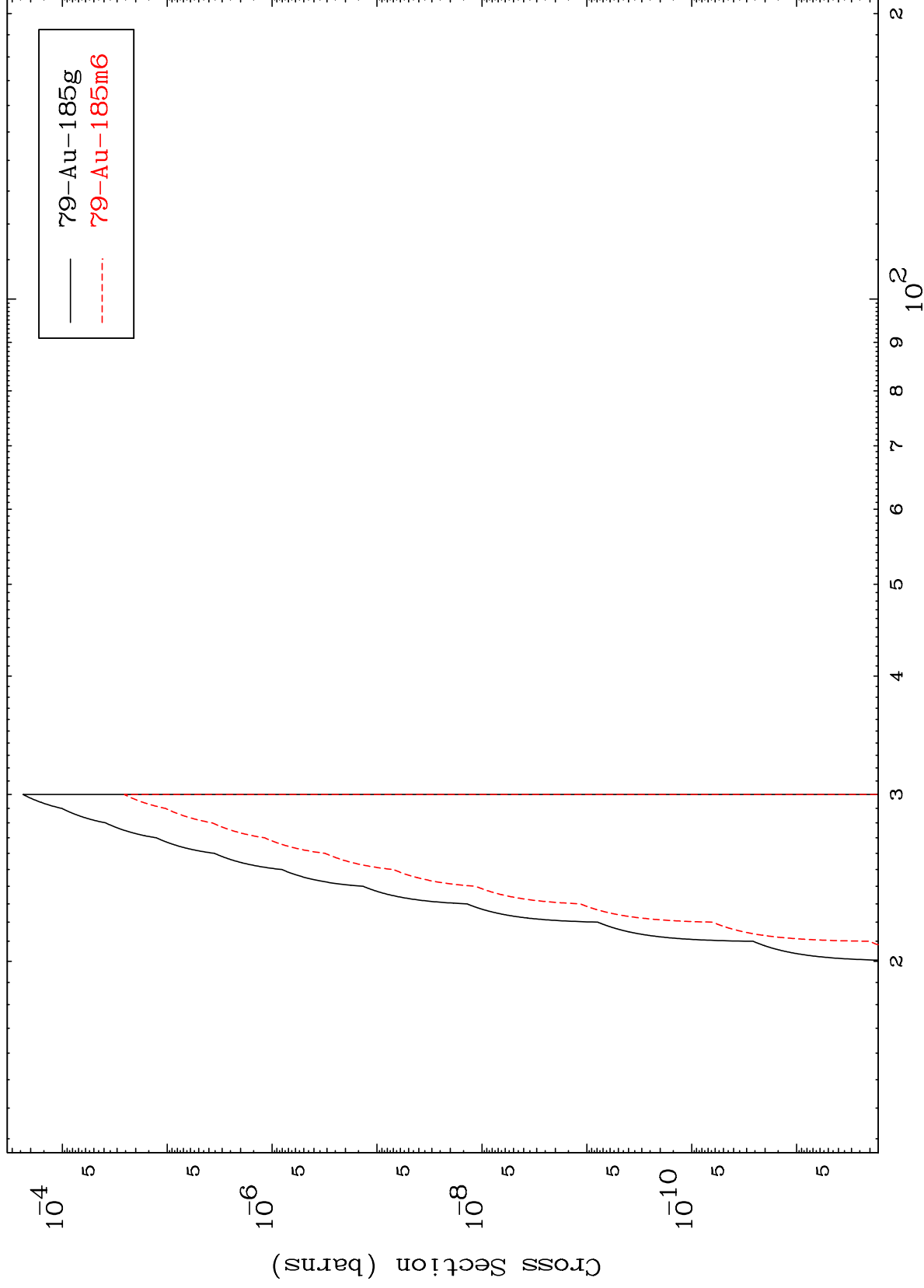
81-Tl-191

MAT 8089

$(n,3n) \alpha$

81-Tl-191

Radionuclide Production Cross Section



135

Incident Energy (MeV)

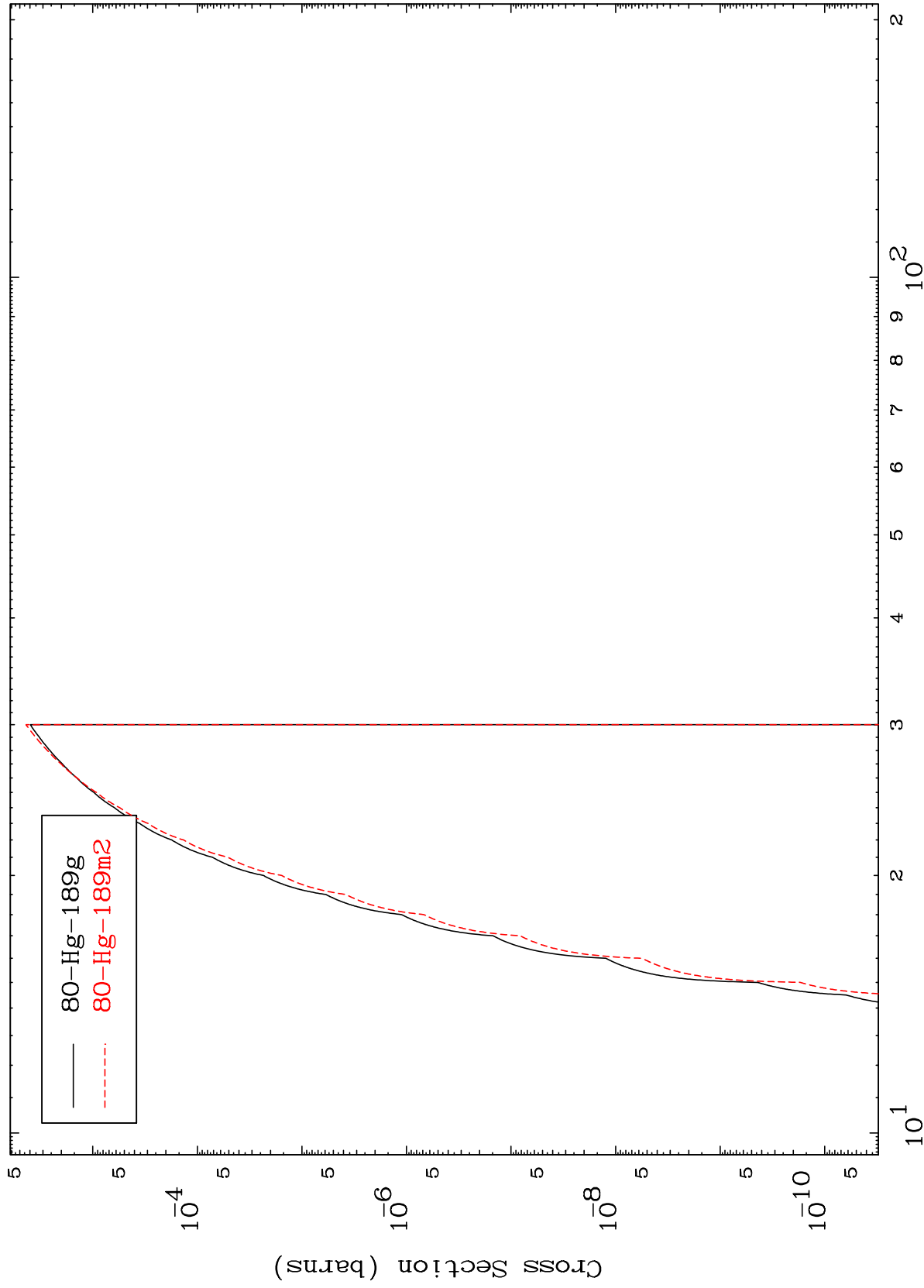
81-Tl-191

MAT 8089

(n,n') d

81-Tl-191

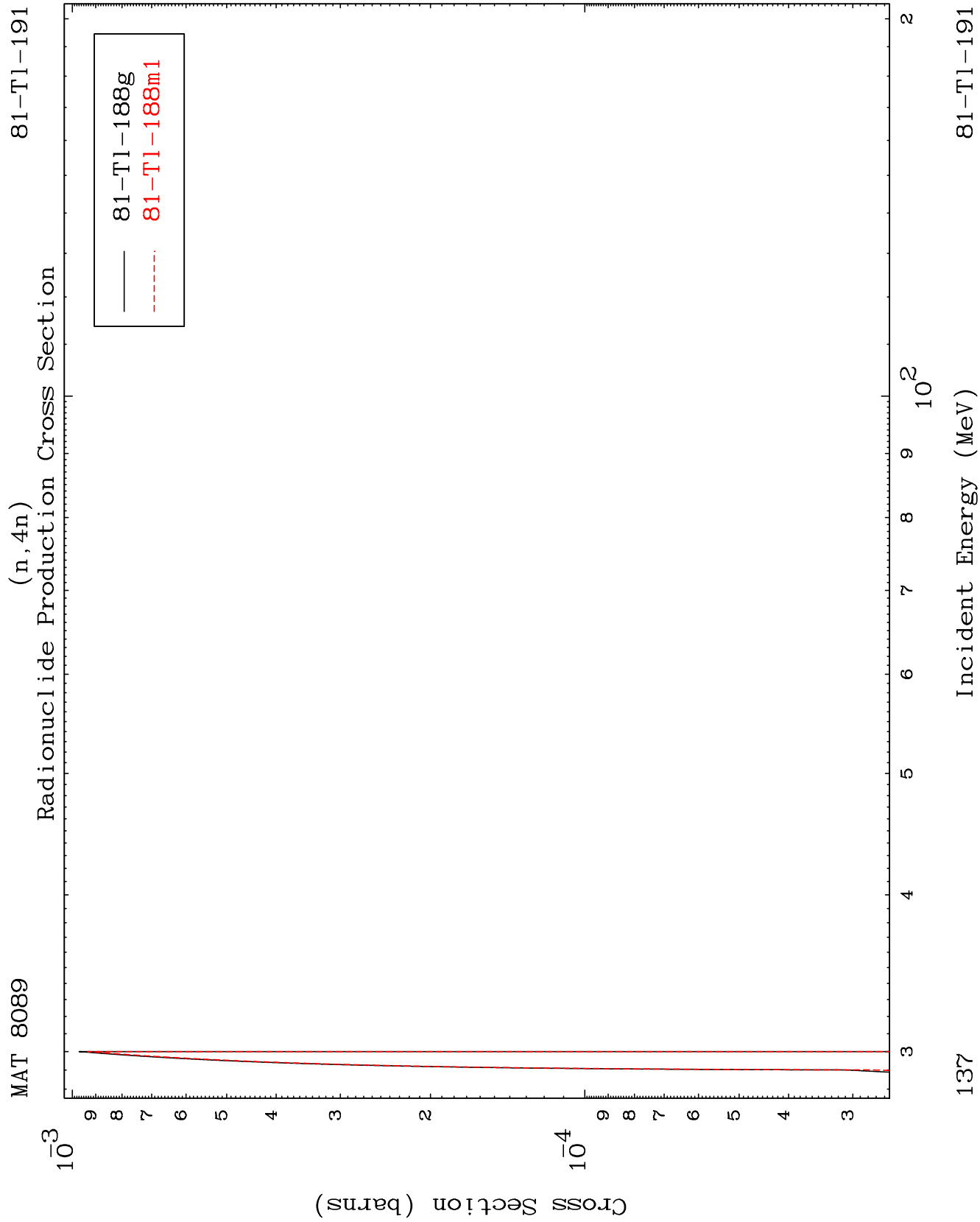
Radionuclide Production Cross Section



136

Incident Energy (MeV)

81-Tl-191

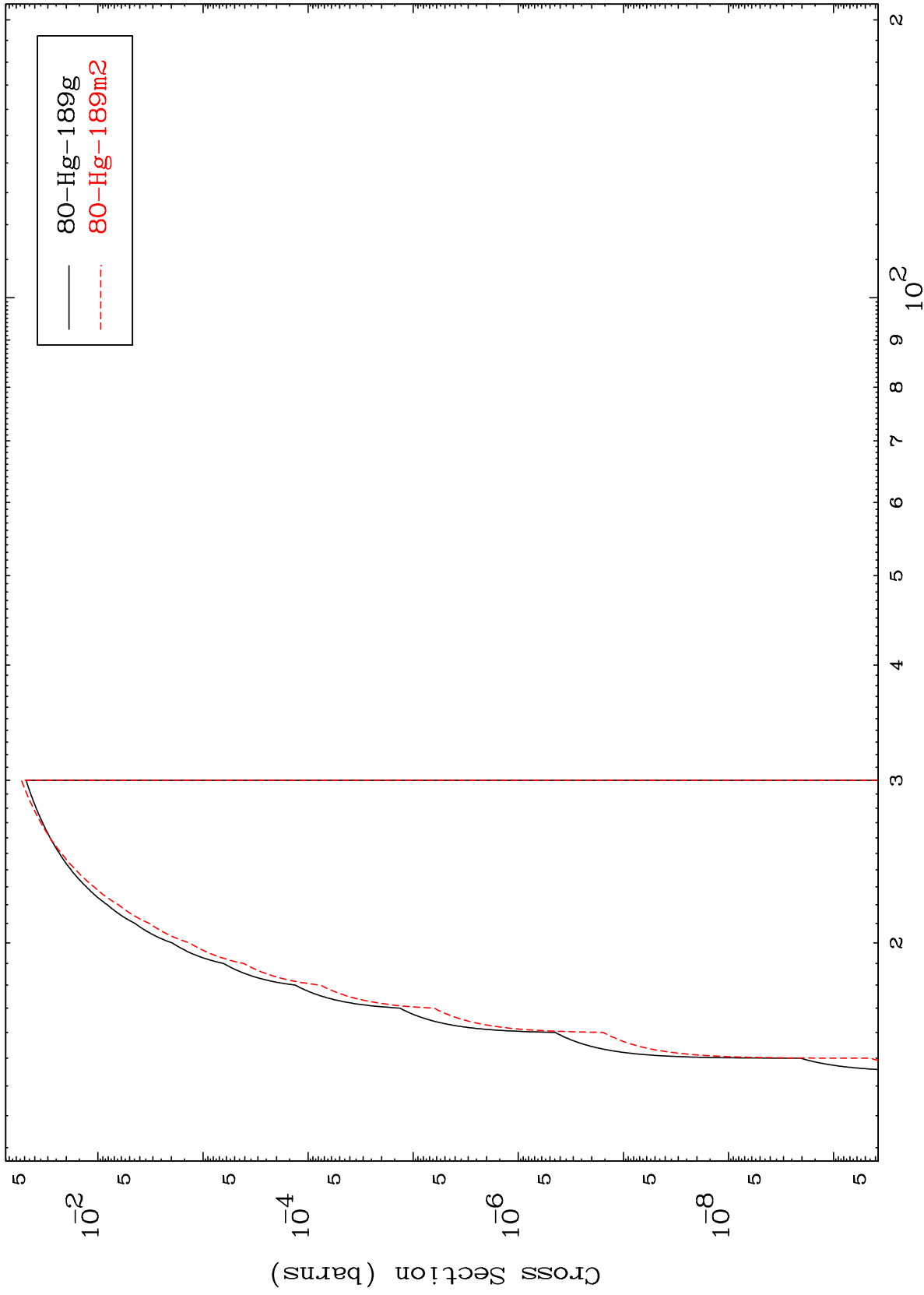


MAT 8089

(n,2n) p

81-Tl-191

Radionuclide Production Cross Section



138

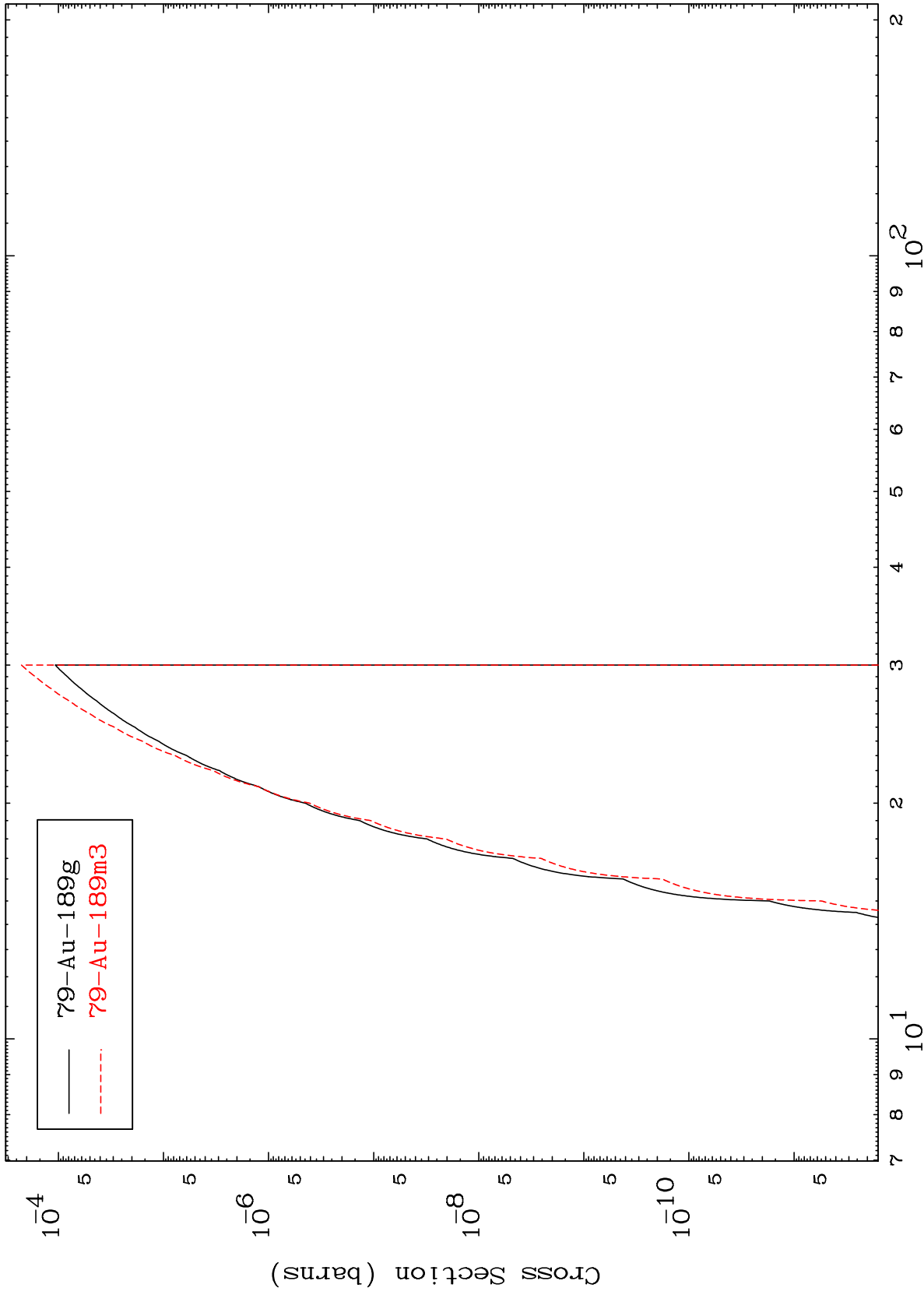
Incident Energy (MeV)

81-Tl-191

MAT 8089

81-Tl-191

(n,2n) p
Radionuclide Production Cross Section



139

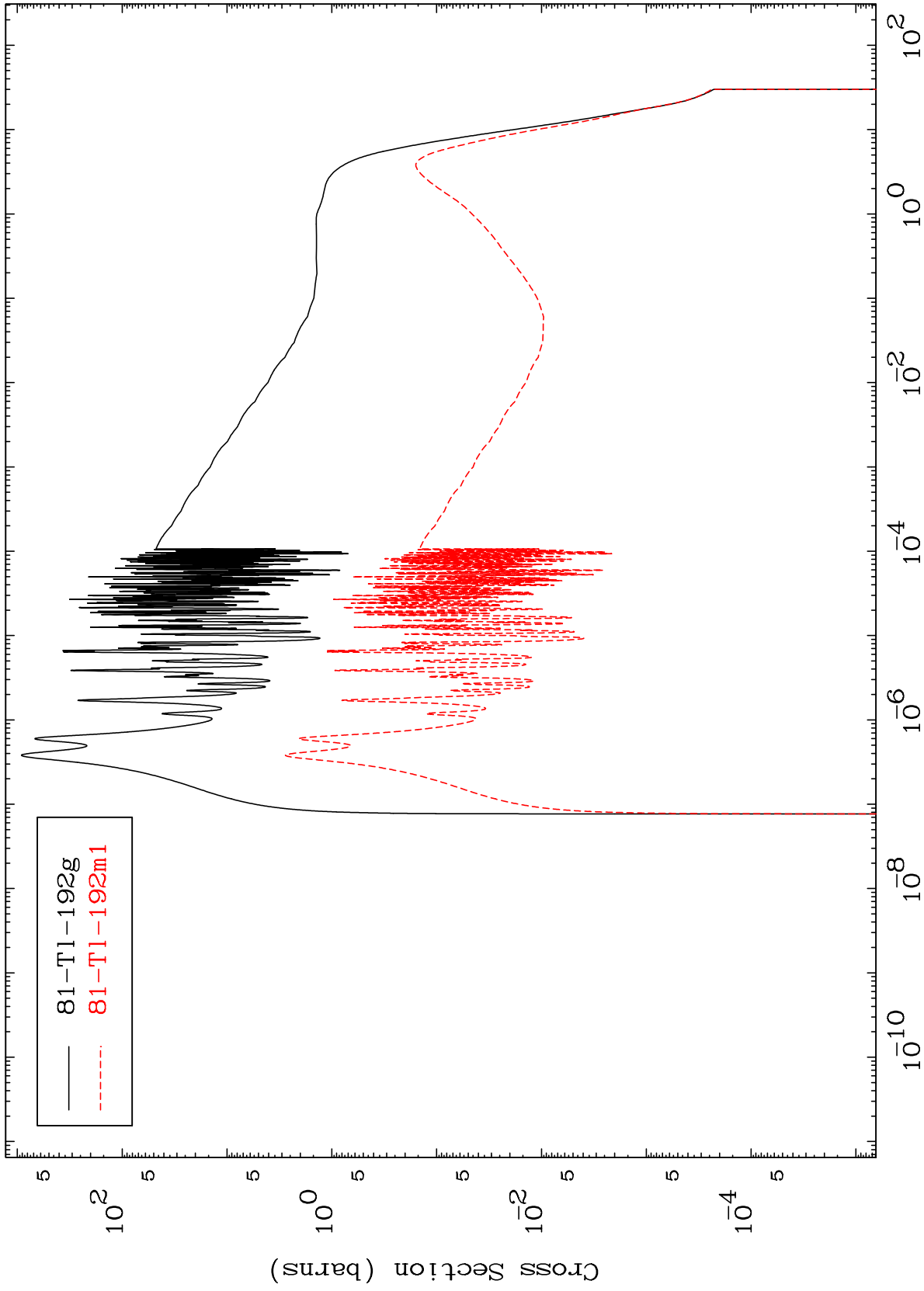
Incident Energy (MeV)

81-Tl-191

MAT 8089

81-Tl-191

Radionuclide Production Cross Section



140

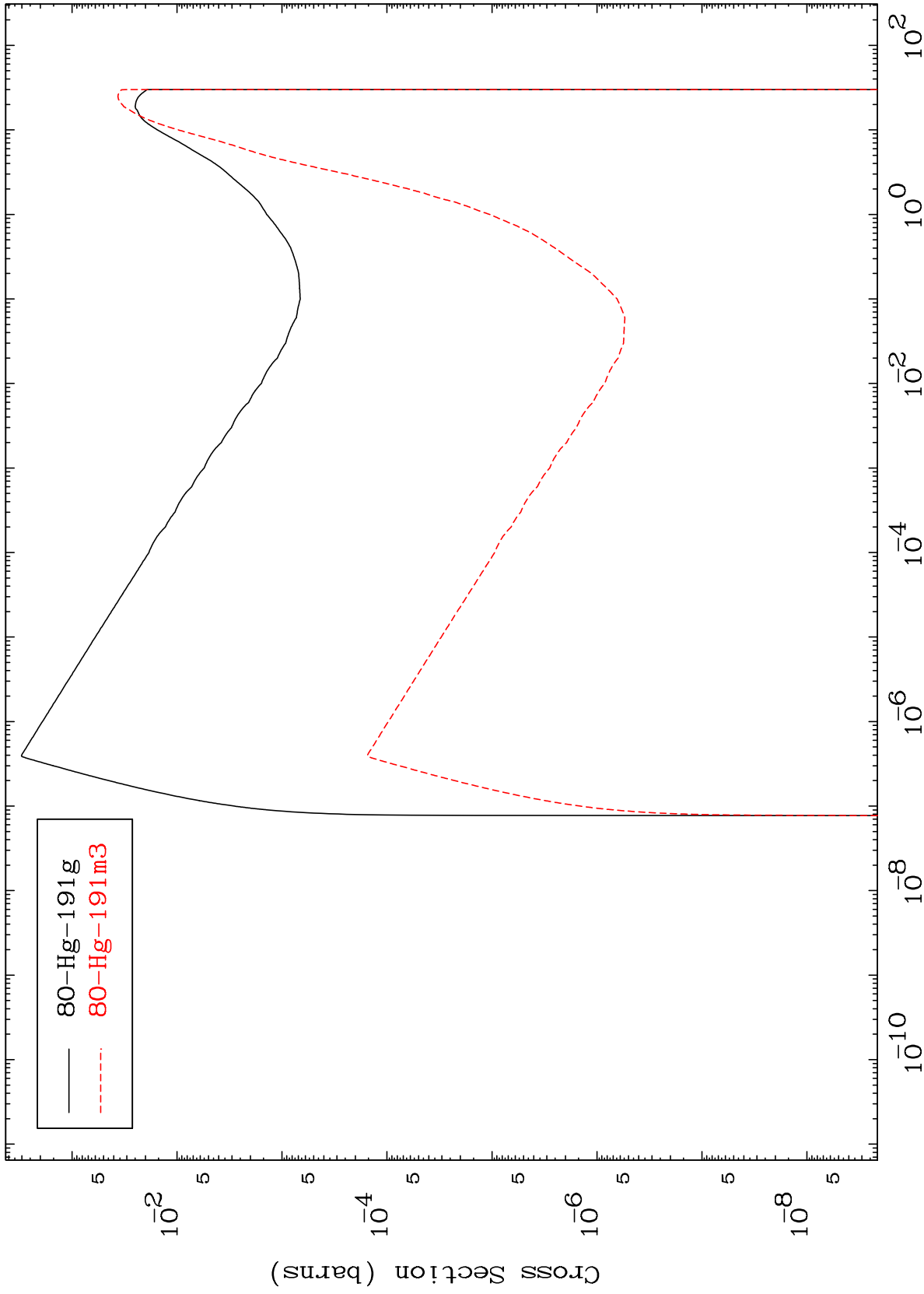
Incident Energy (MeV)

81-Tl-191

MAT 8089

81-Tl-191

Radionuclide Production Cross Section



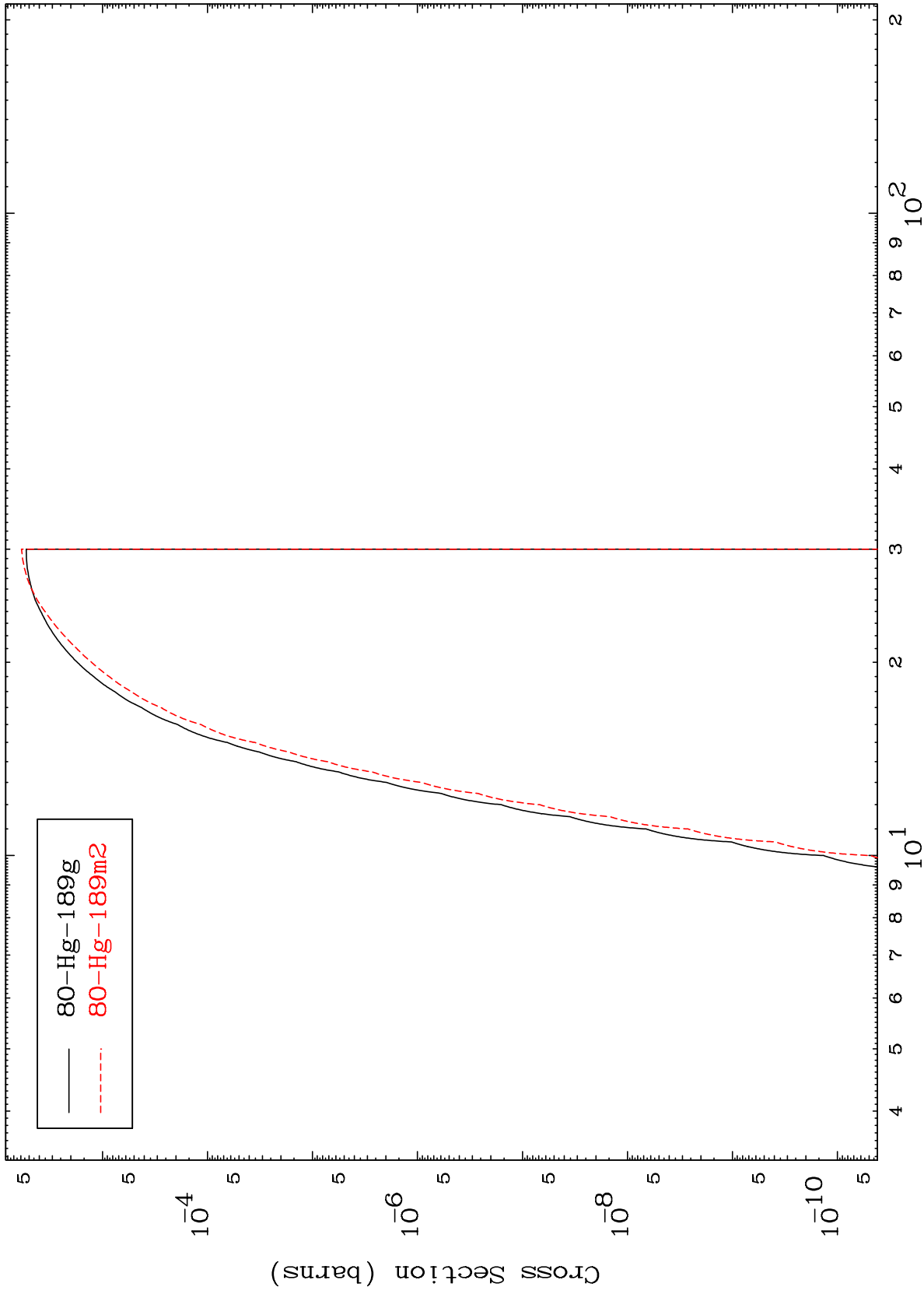
141

81-Tl-191

MAT 8089

81-Tl-191

Radionuclide Production Cross Section



142

Incident Energy (MeV)

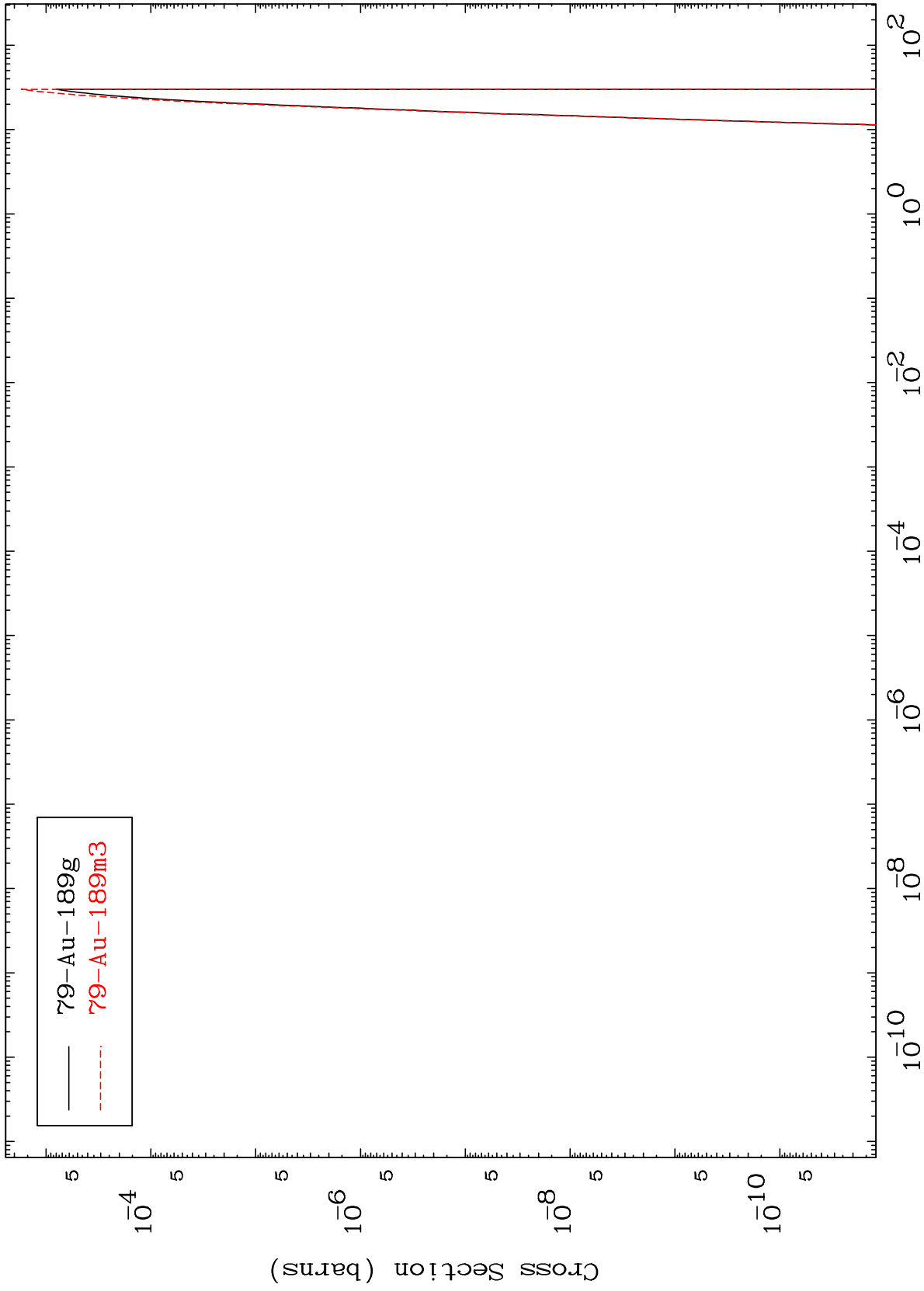
81-Tl-191

MAT 8089

(n,He-3)

81-Tl-191

Radionuclide Production Cross Section



143

Incident Energy (MeV)

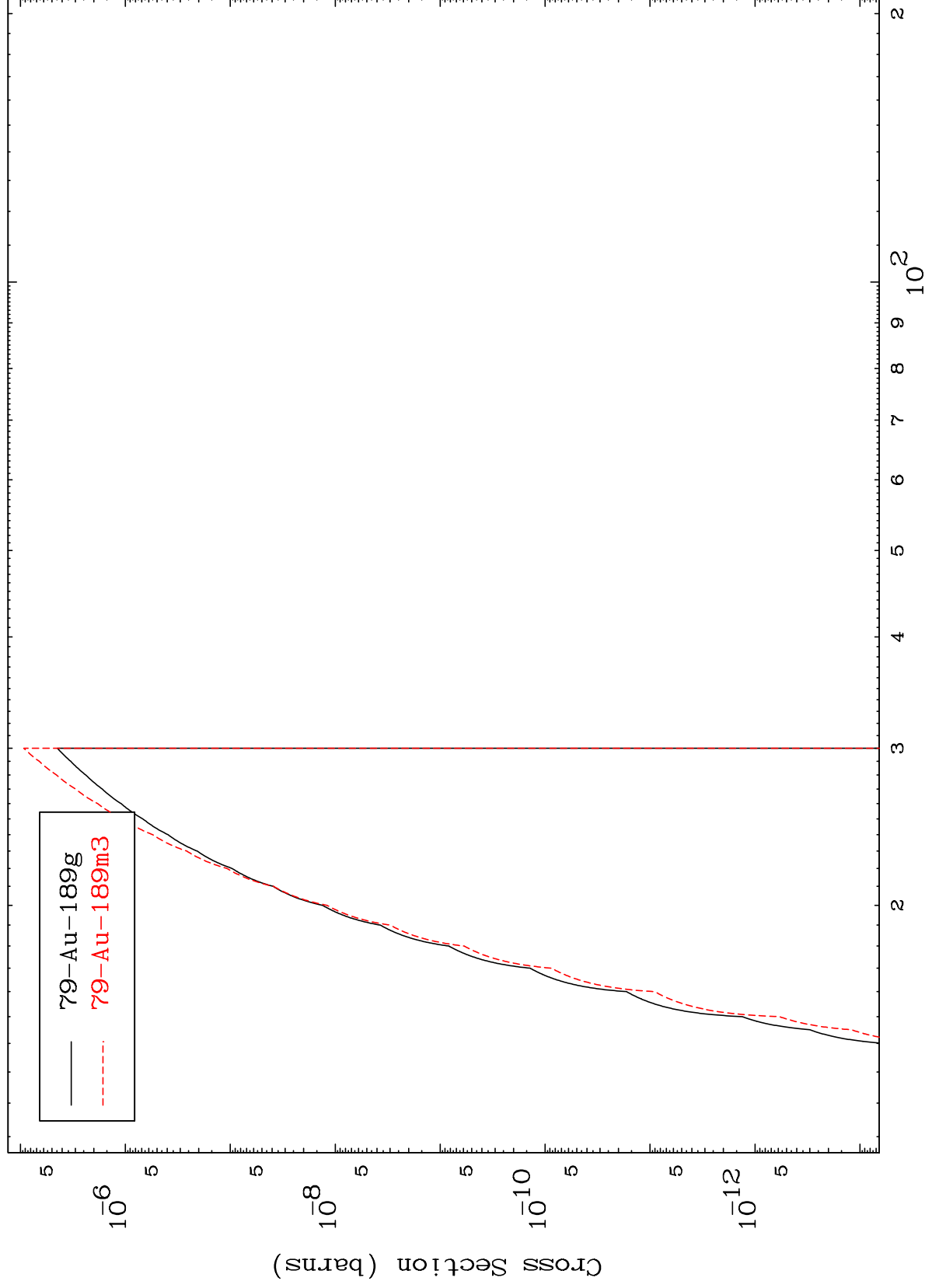
81-Tl-191

MAT 8089

(n,p) d

81-Tl-191

Radionuclide Production Cross Section



144

Incident Energy (MeV)

81-Tl-191