

Program EVALPLOT
(Version 2017-1)

by

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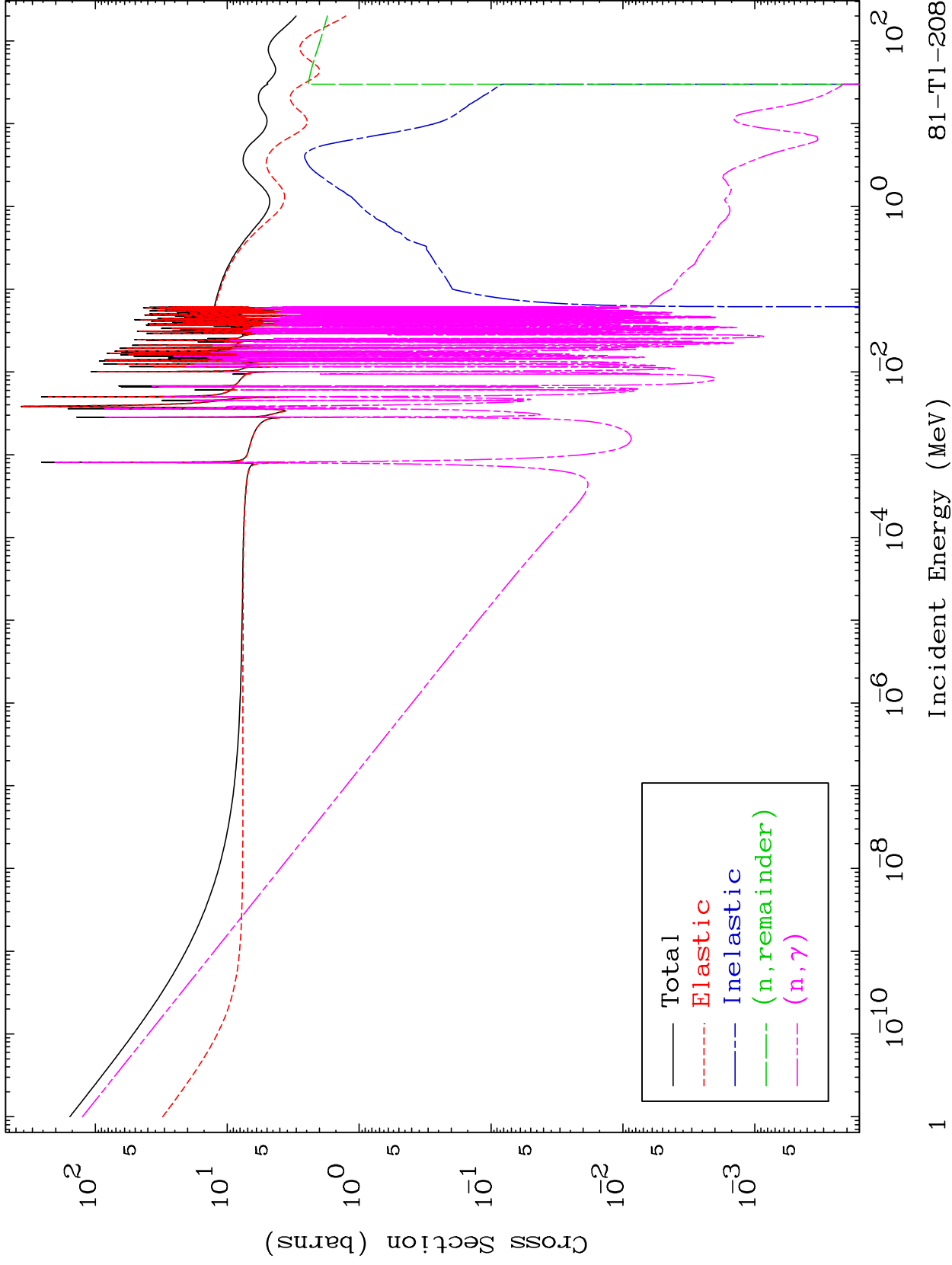
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Press Mouse Button to Start

MAT 8140

Major
293 Kelvin Cross Sections

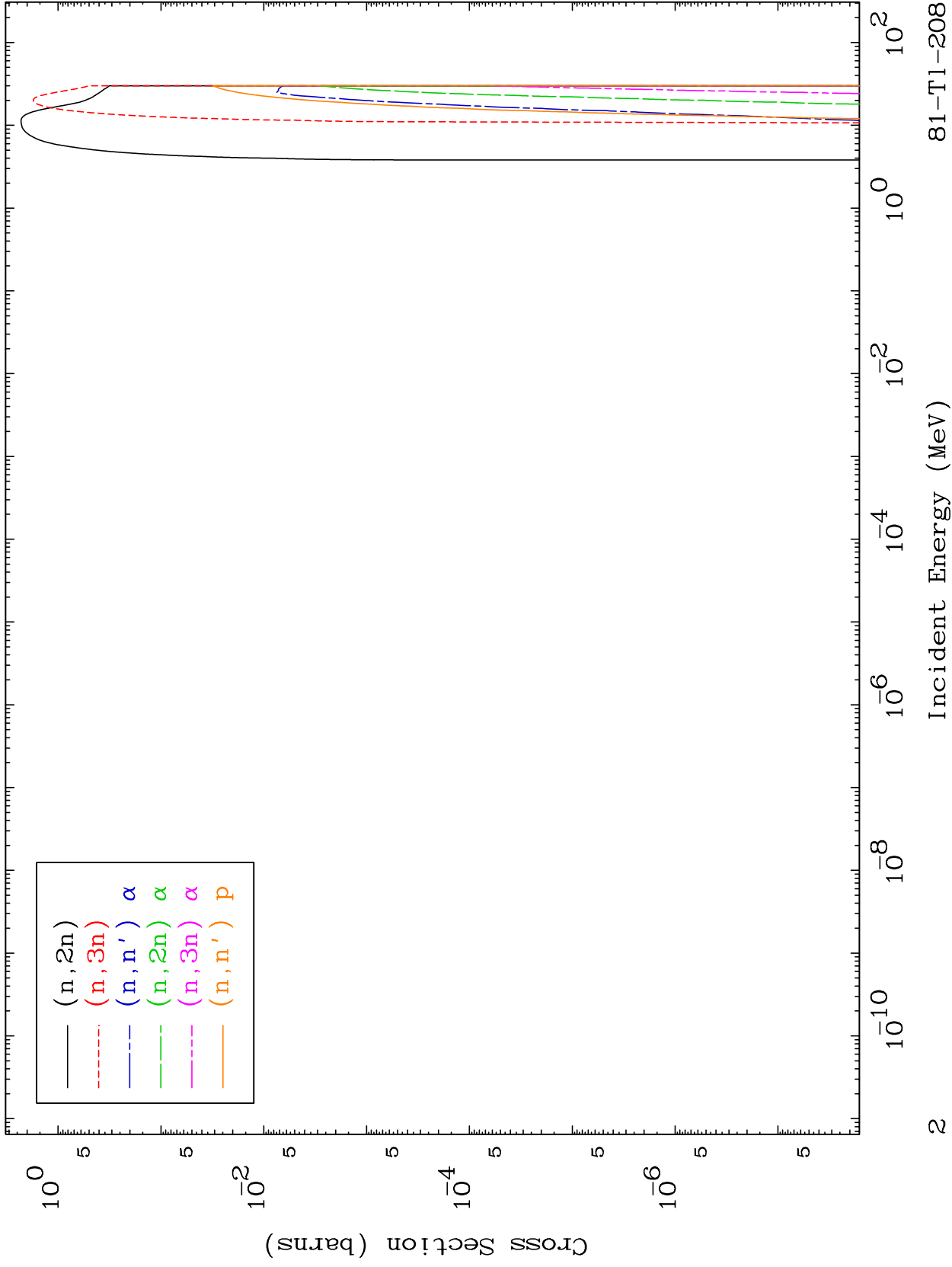
81-Tl-208

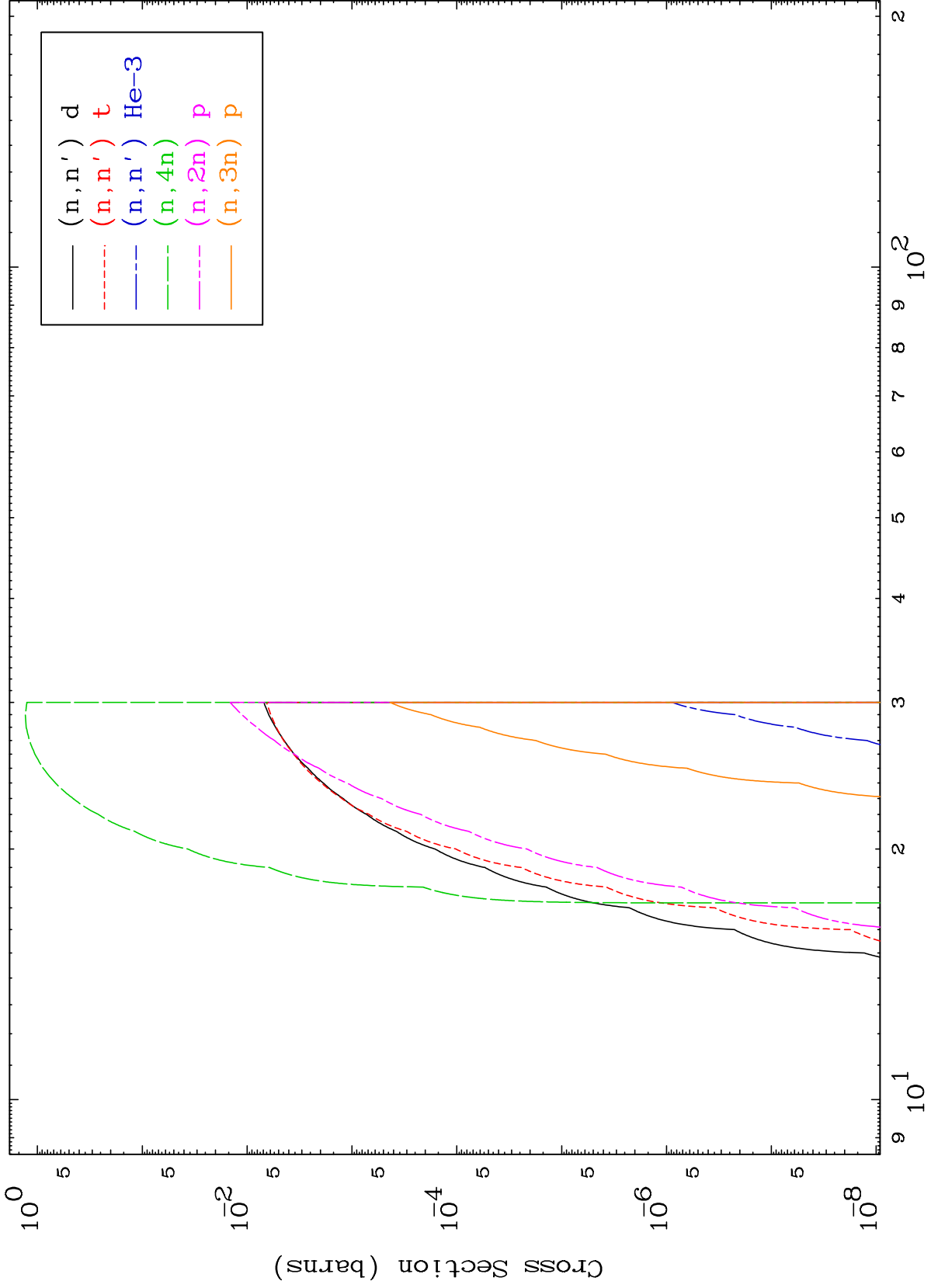


MAT 8140

Neutron Production
293 Kelvin Cross Sections

81-Tl-208

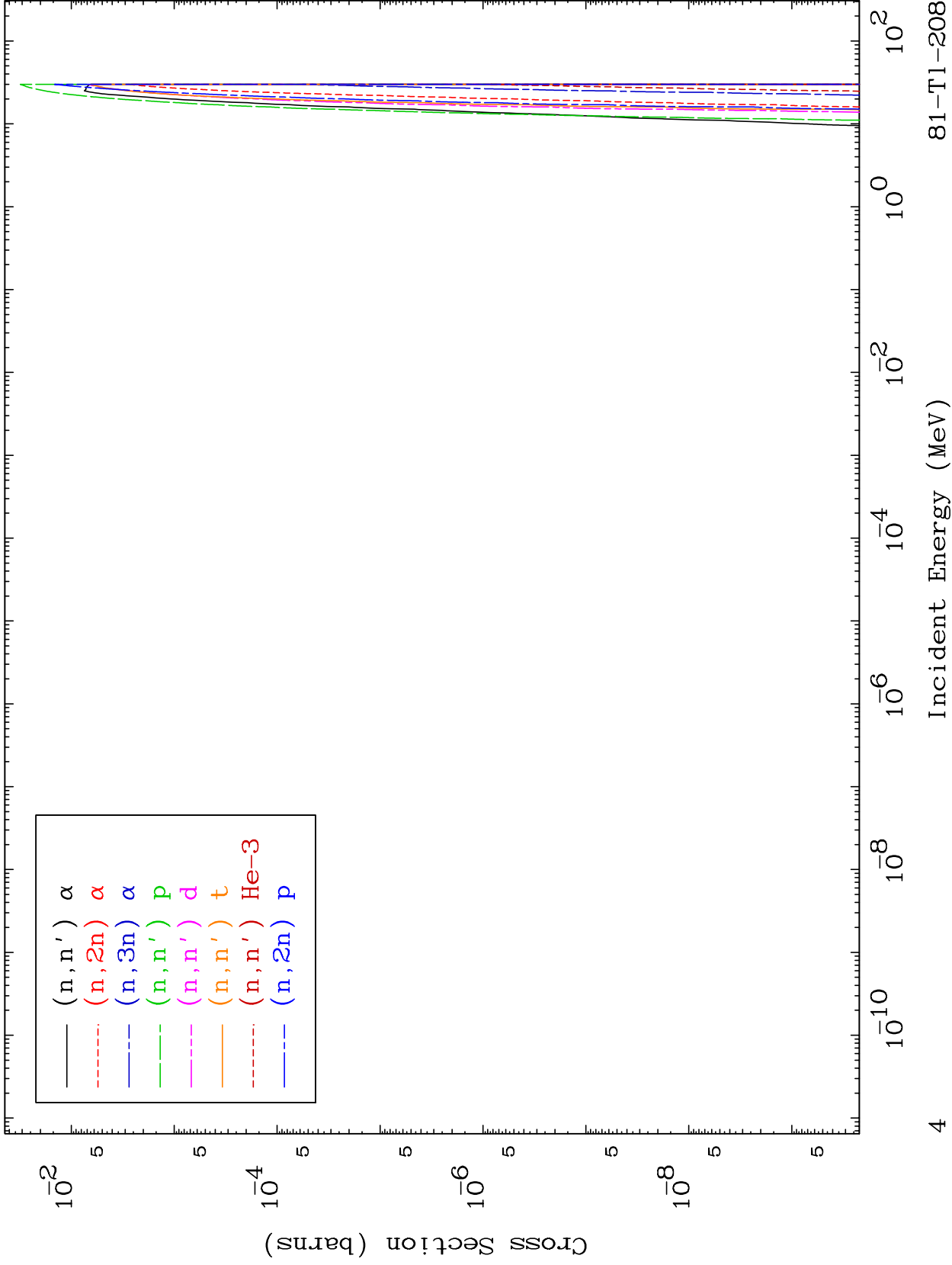




MAT 8140

Charged Particle
293 Kelvin Cross Sections

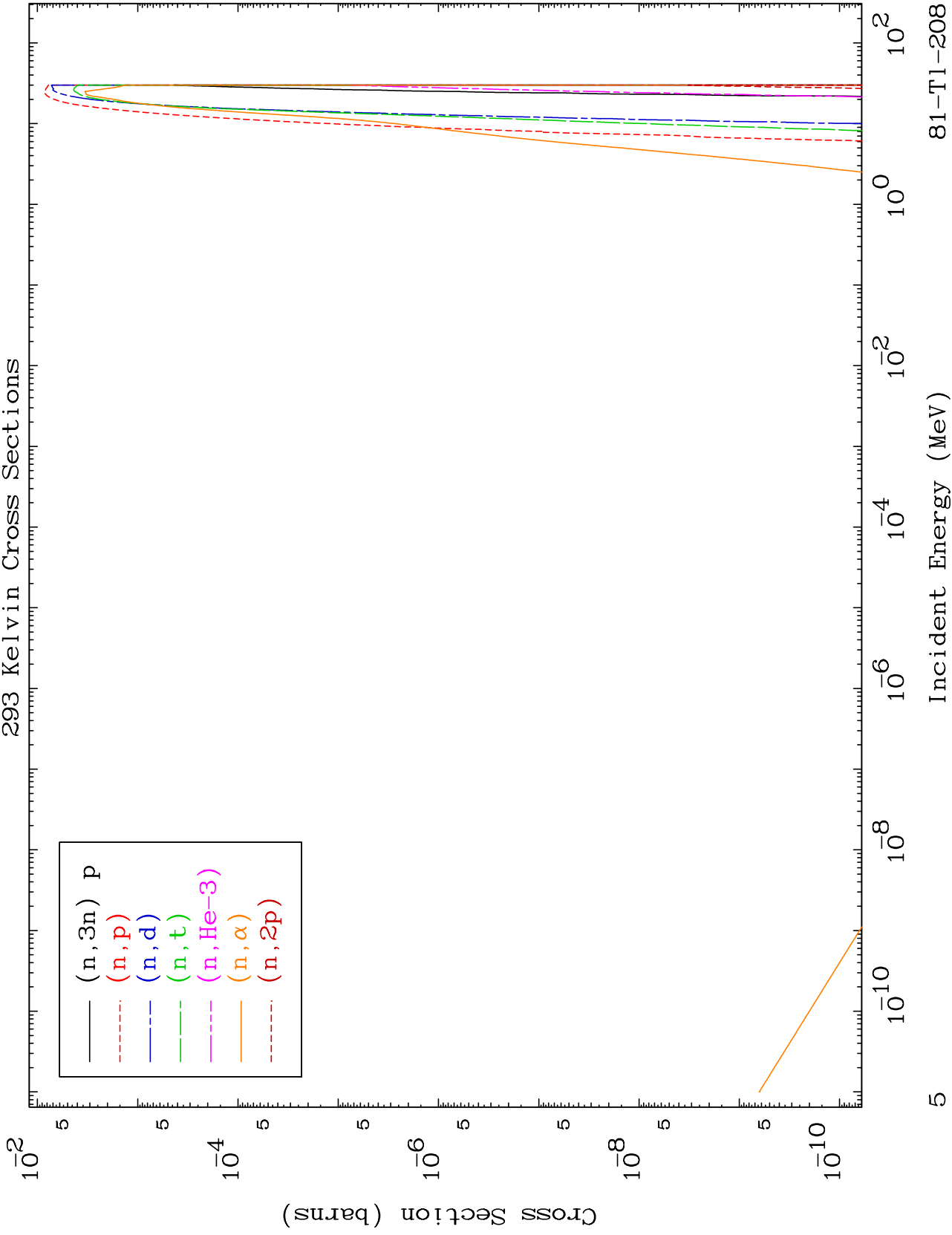
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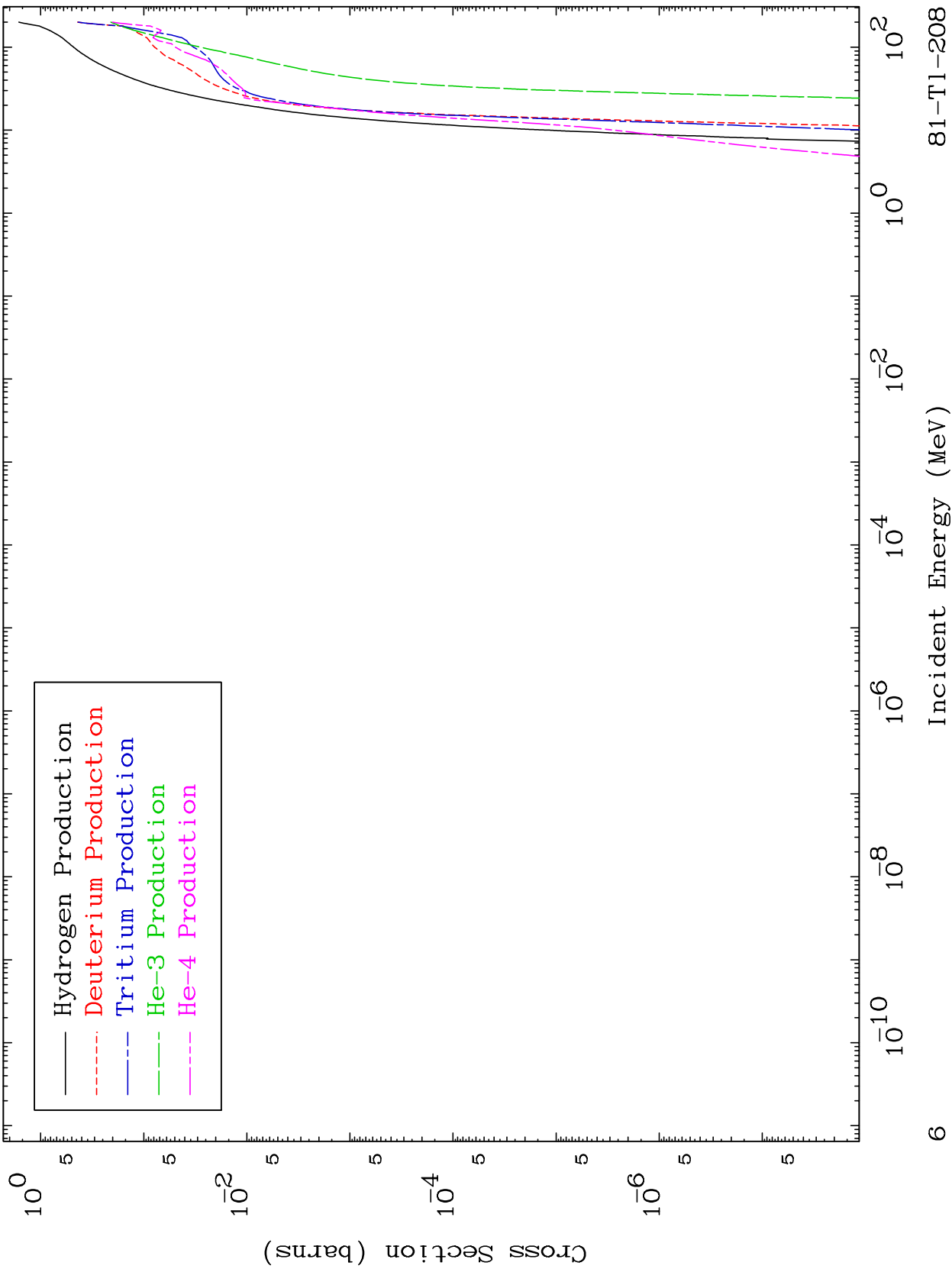


MAT 8140

Charged Particle
293 Kelvin Cross Sections

81-Tl-208



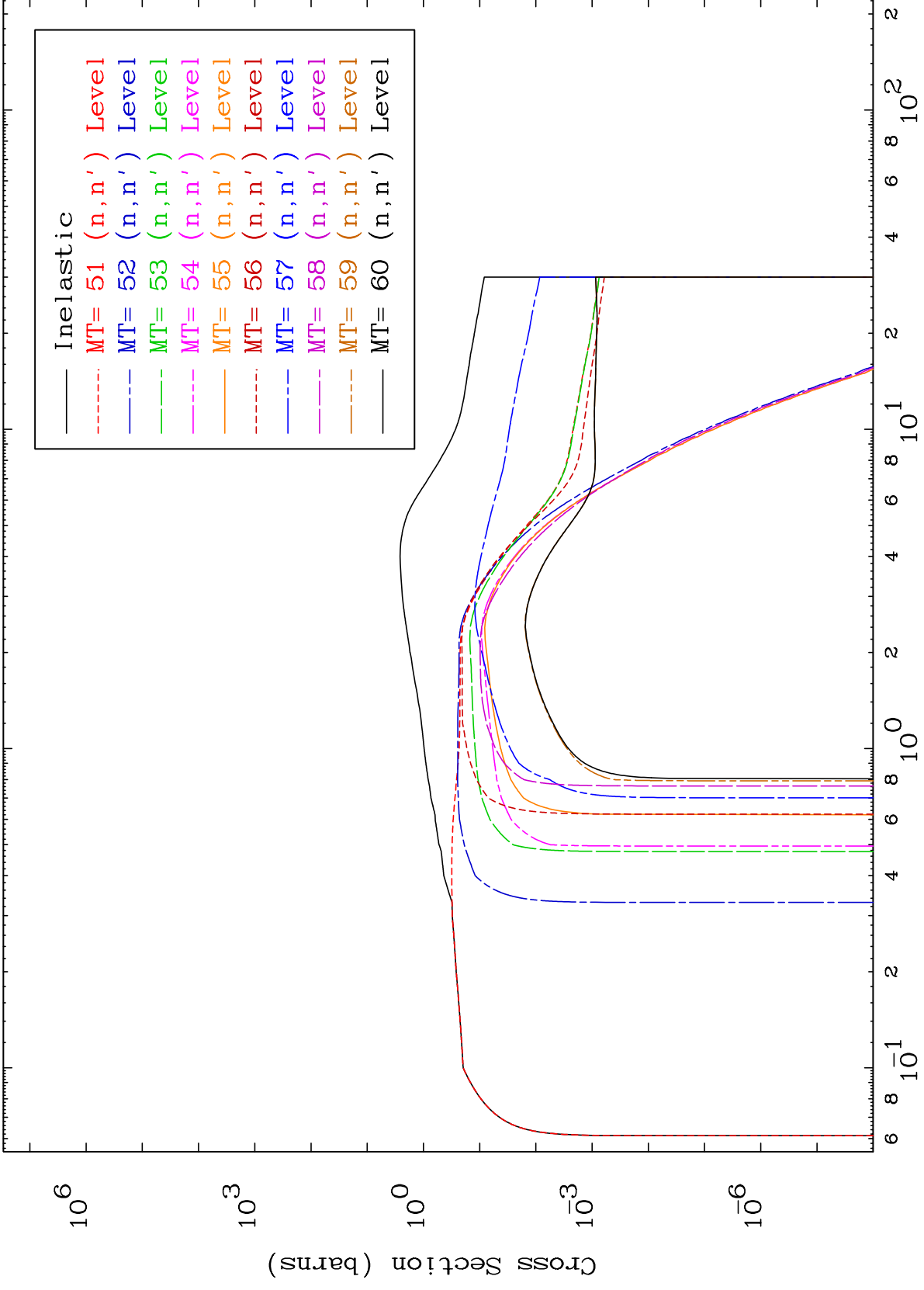


MAT 8140

(n,n') Level

81-Tl-208

293 Kelvin Cross Sections

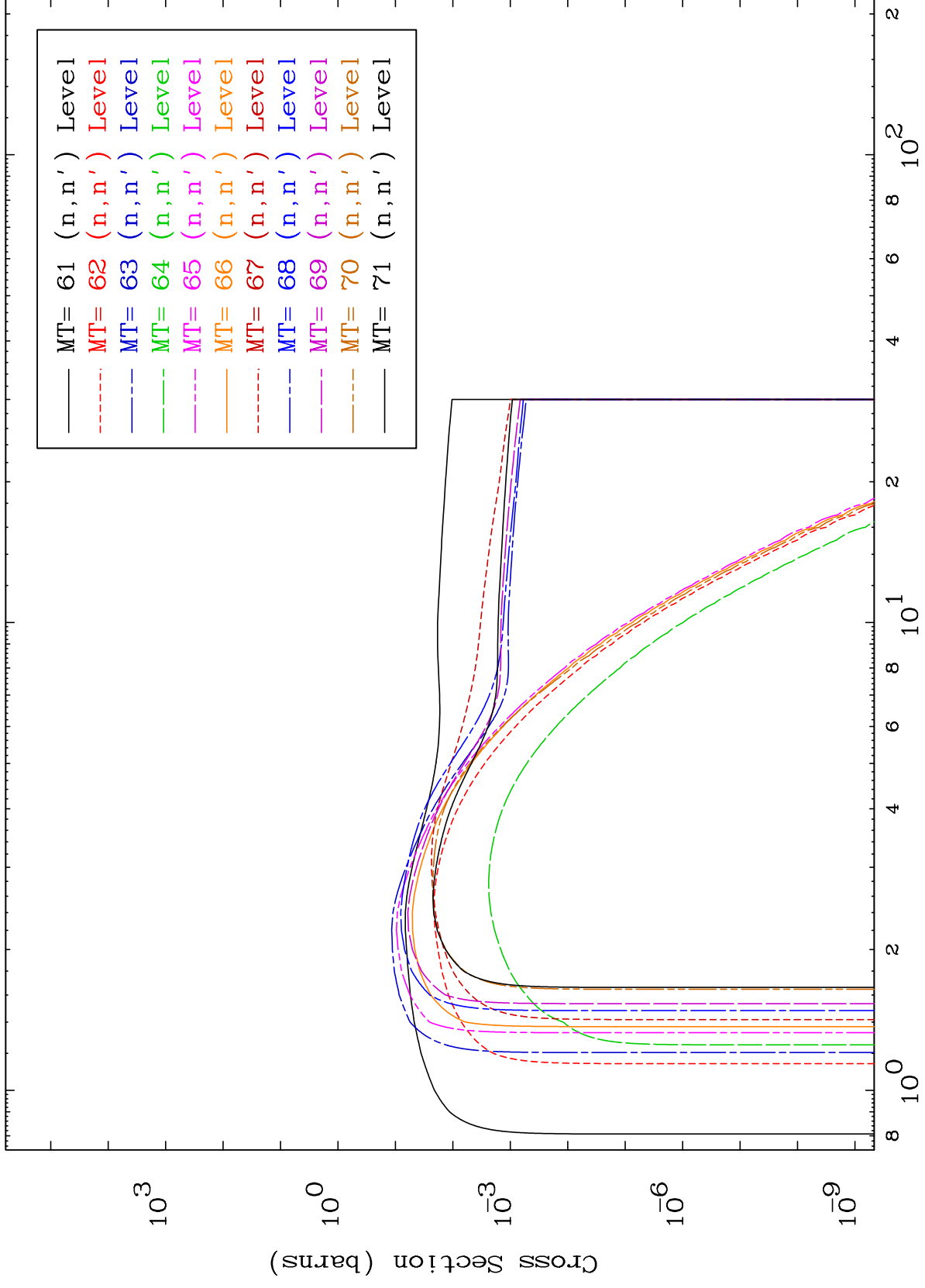


MAT 8140

(n,n') Level

81-Tl-208

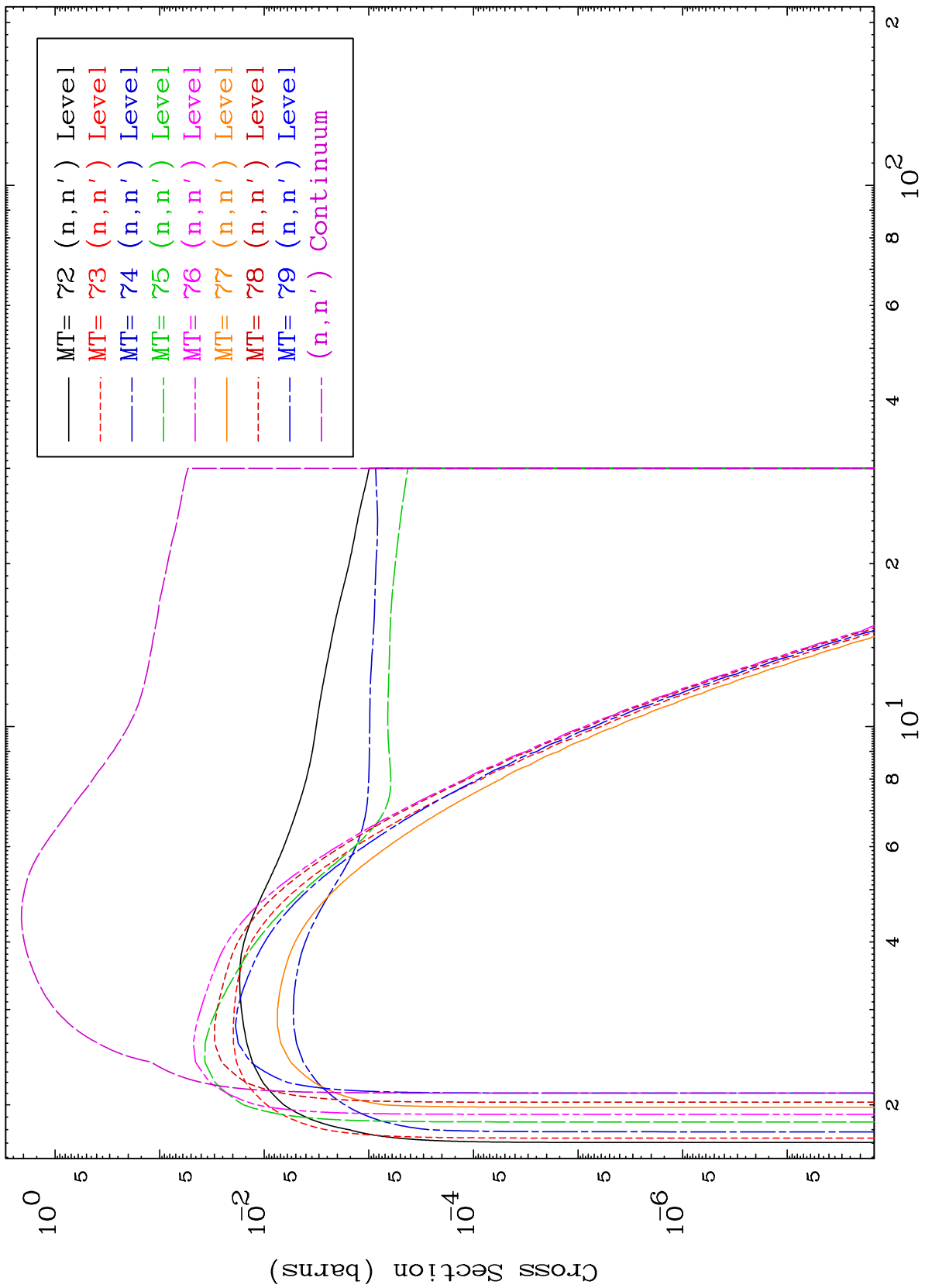
293 Kelvin Cross Sections



Incident Energy (MeV)

81-Tl-208

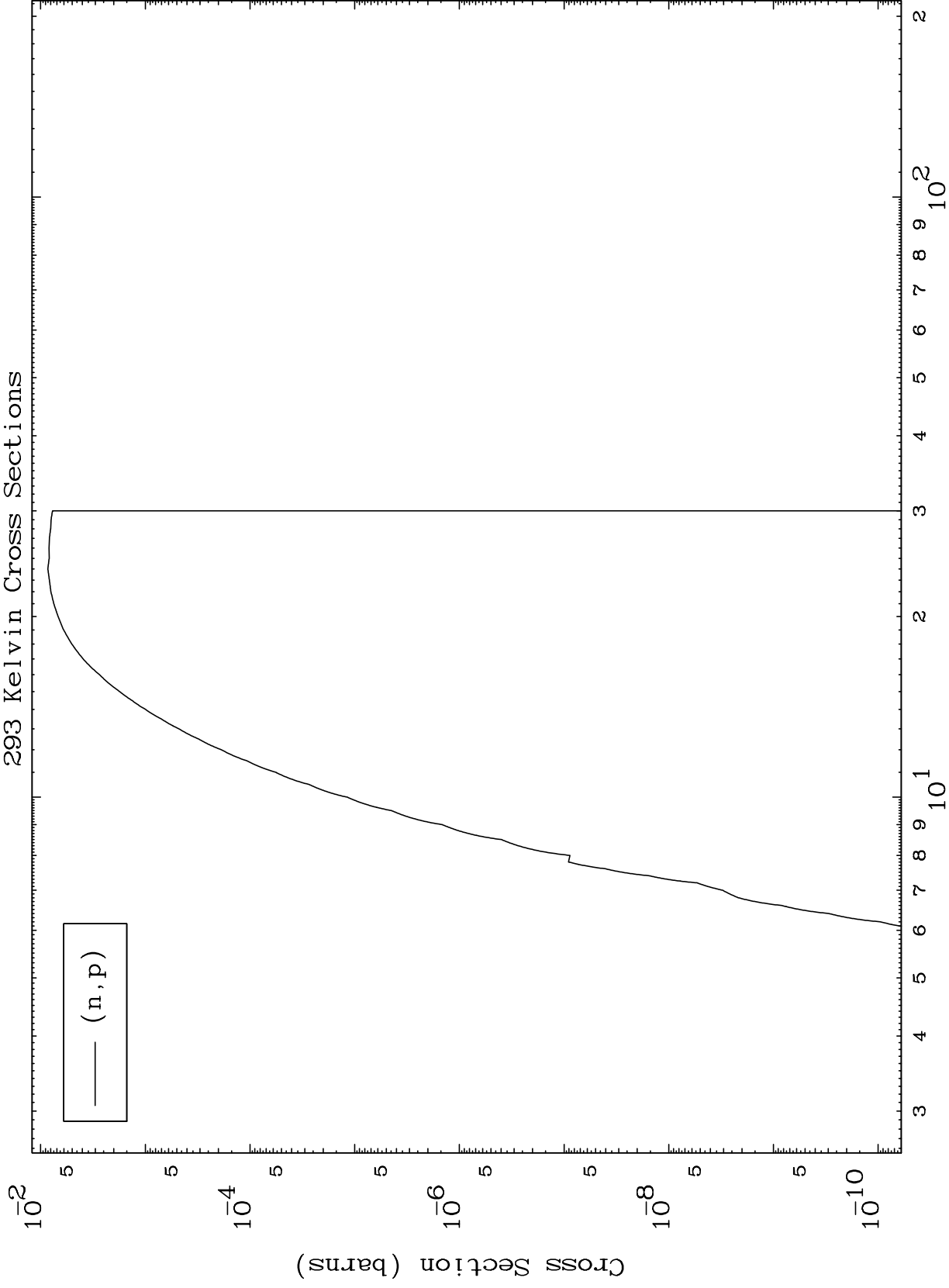
8



MAT 8140

(n,p) Levels
293 Kelvin Cross Sections

81-Tl-208



10

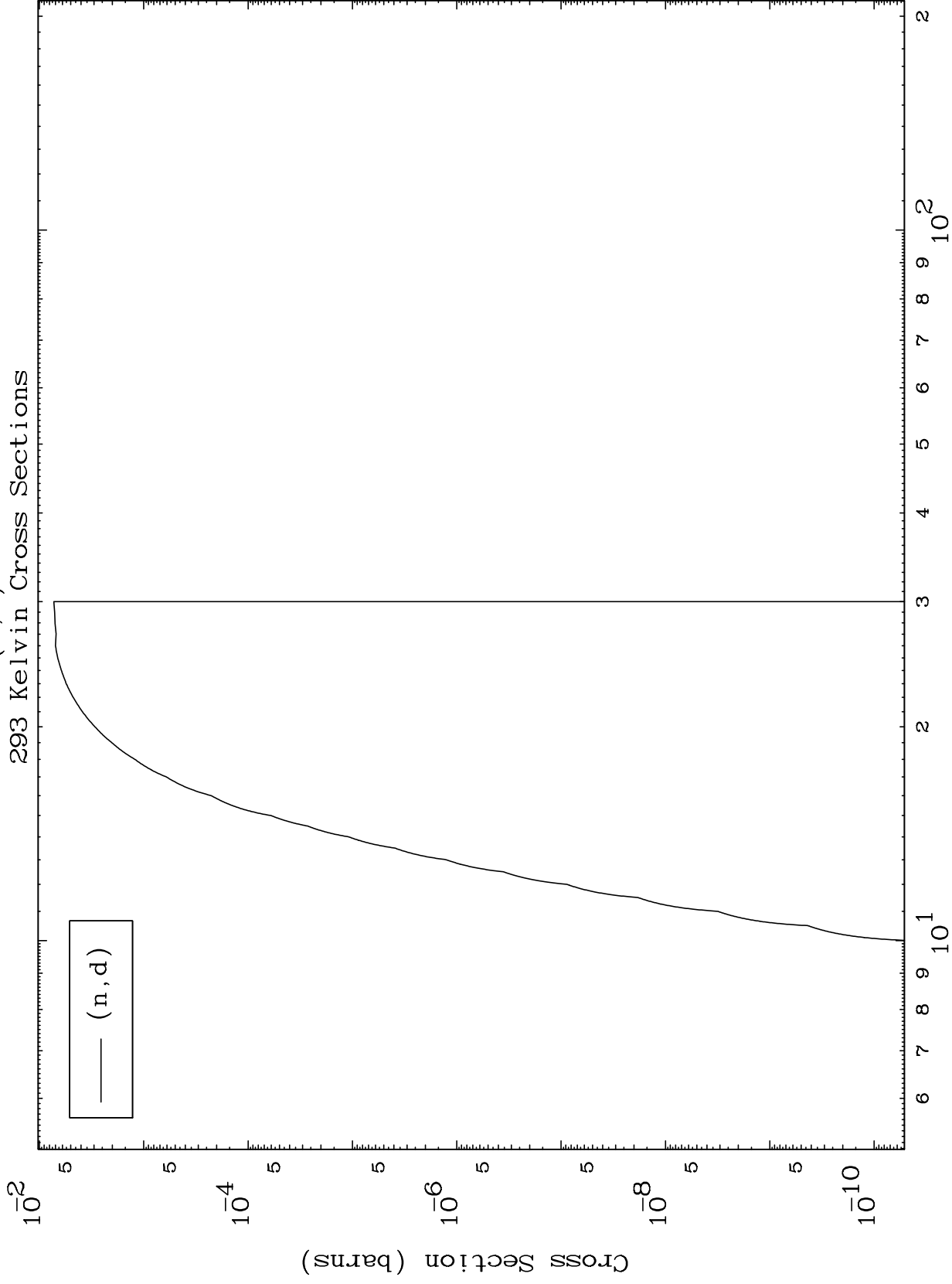
Incident Energy (MeV)

81-Tl-208

MAT 8140

(n,d) Levels
293 Kelvin Cross Sections

81-T1-208



11

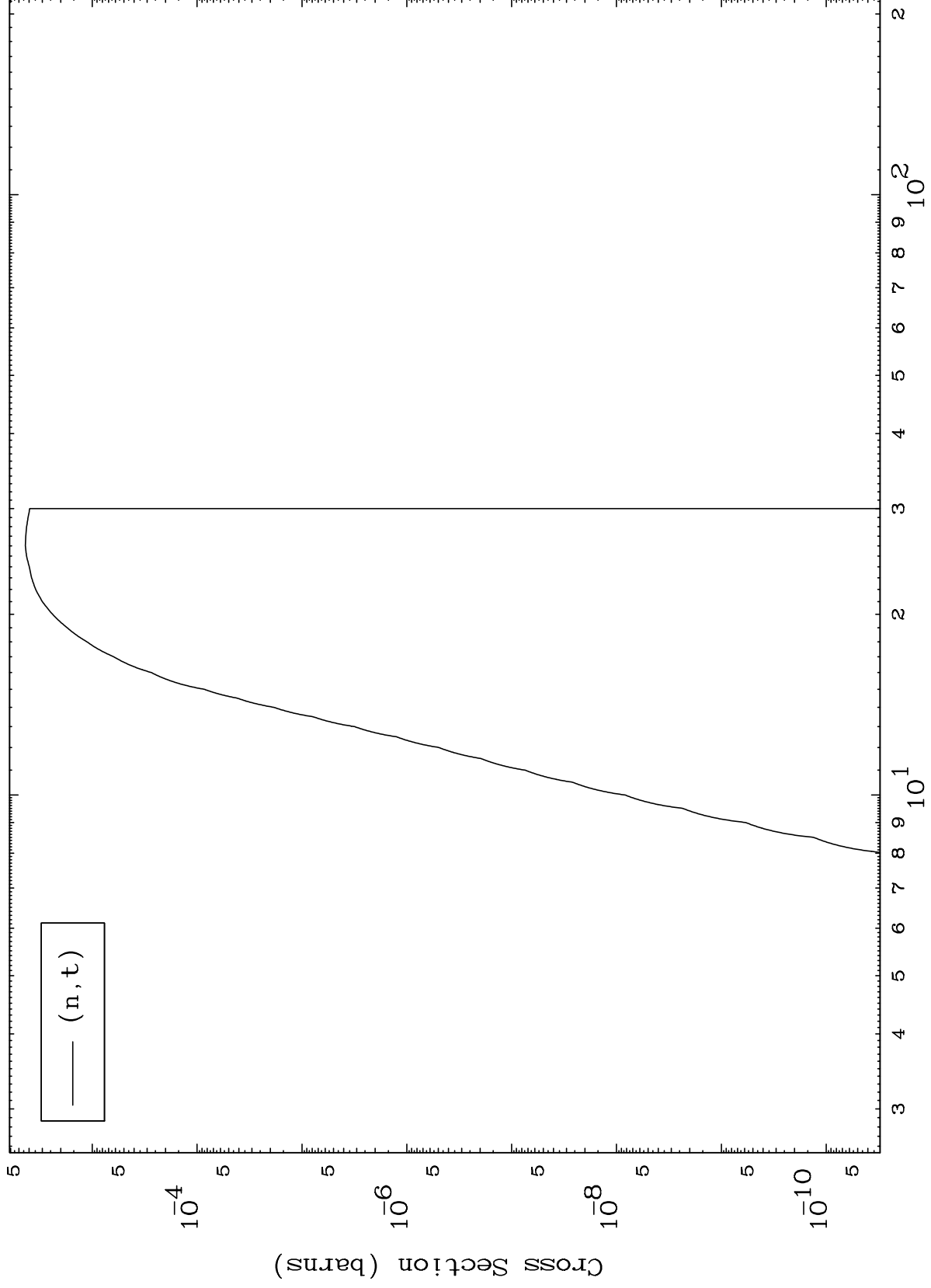
Incident Energy (MeV)

81-T1-208

MAT 8140

(n,t) Levels
293 Kelvin Cross Sections

81-Tl-208



12

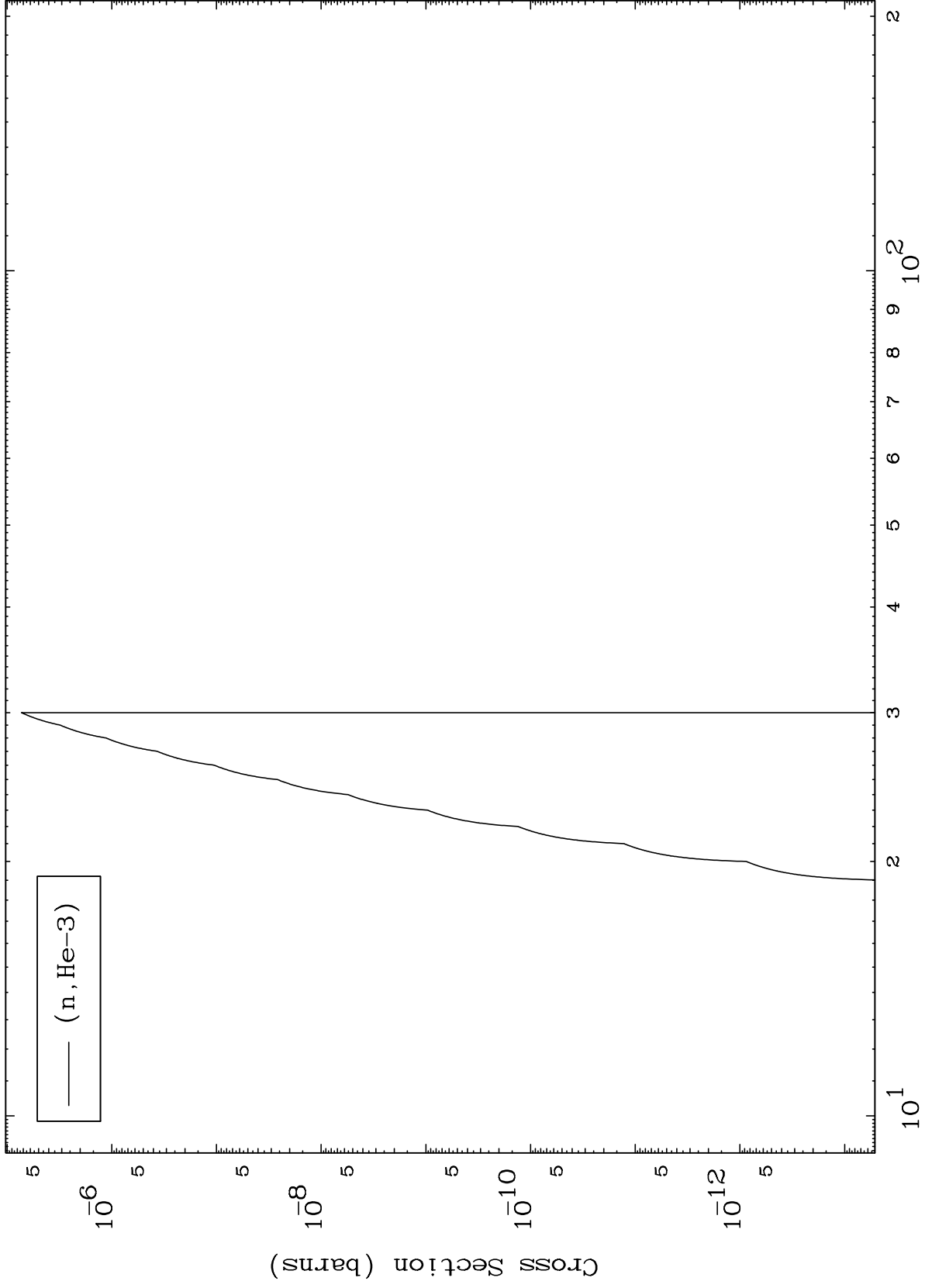
Incident Energy (MeV)

81-Tl-208

MAT 8140

(n,He3) Levels
293 Kelvin Cross Sections

81-T1-208



13

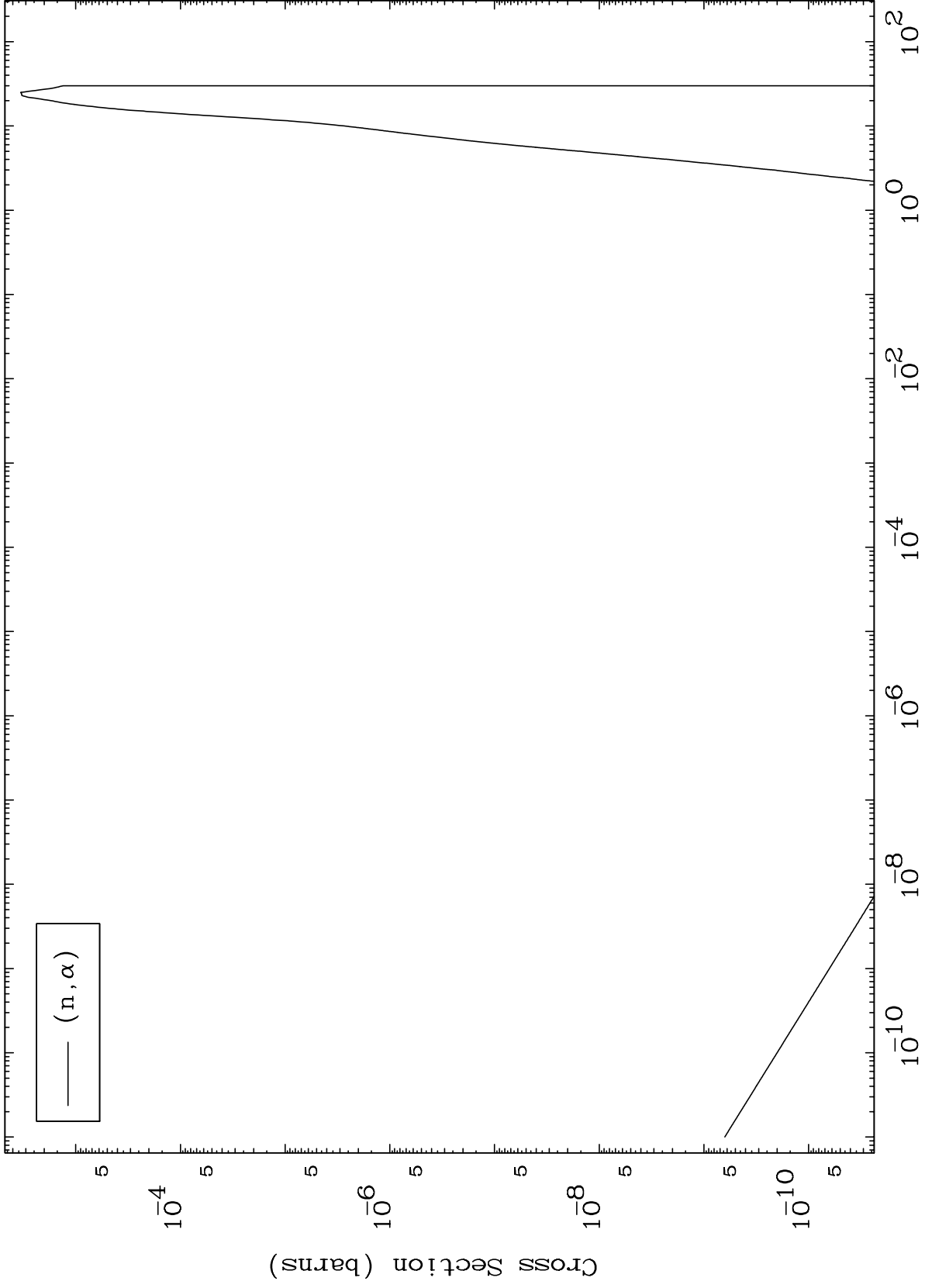
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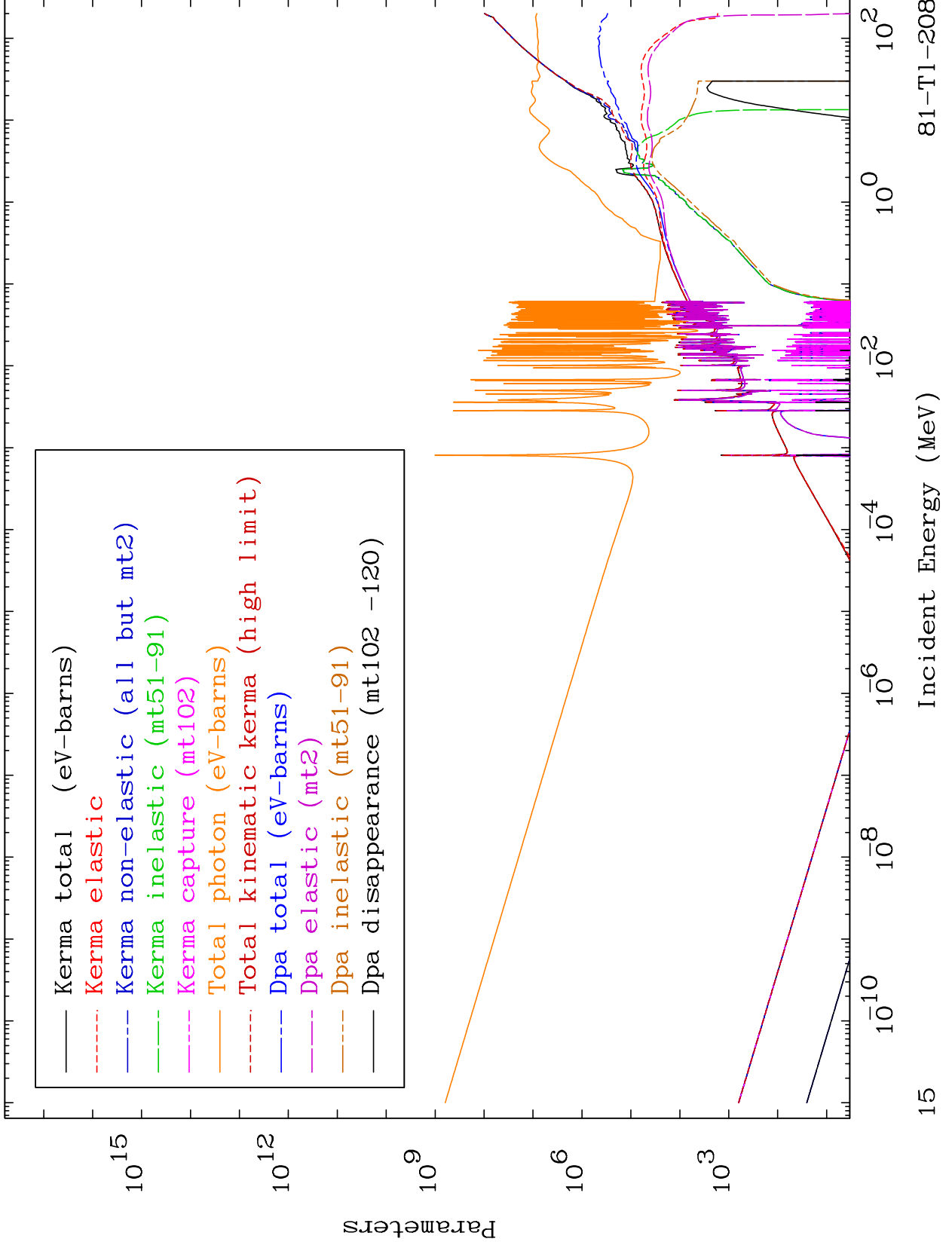
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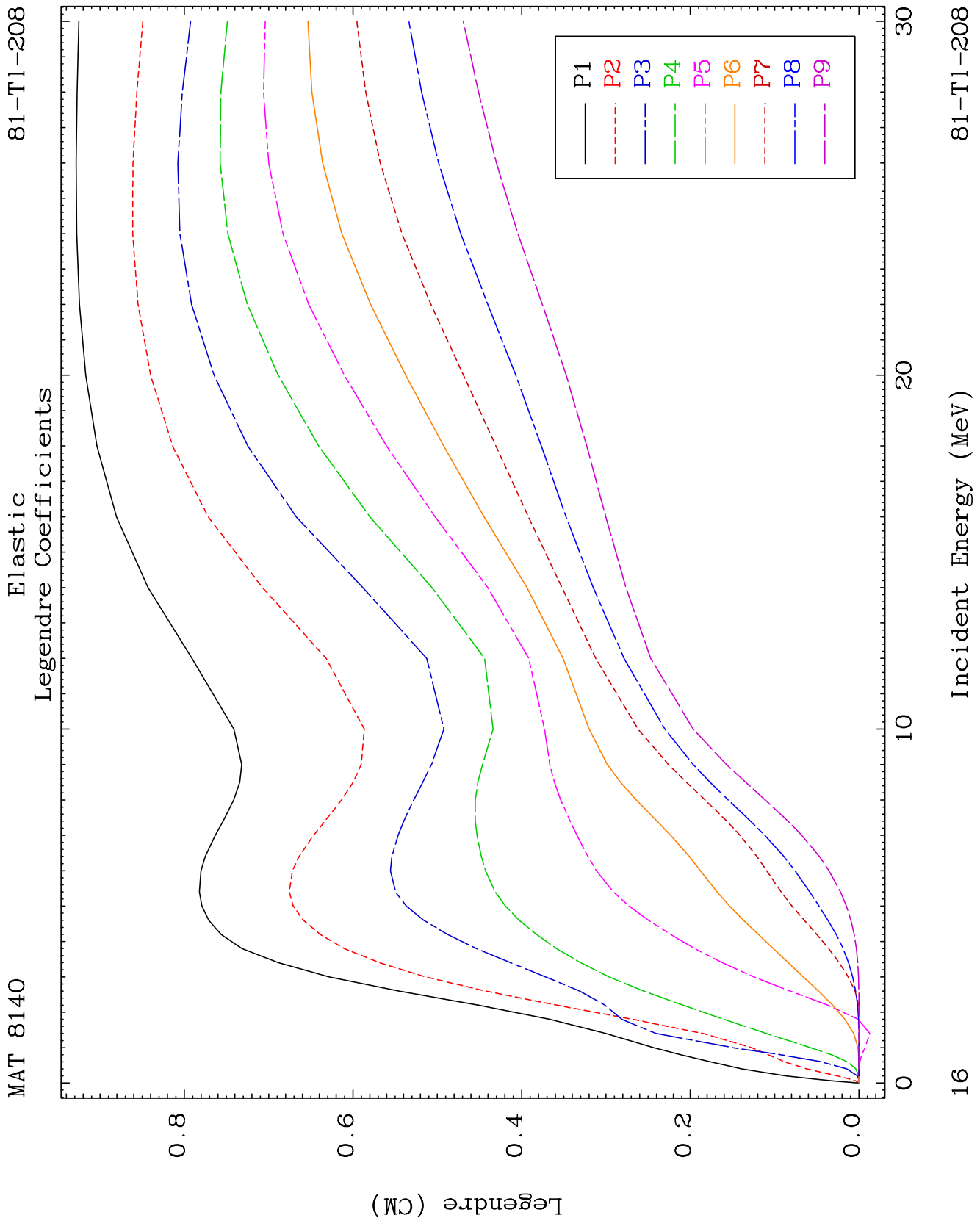
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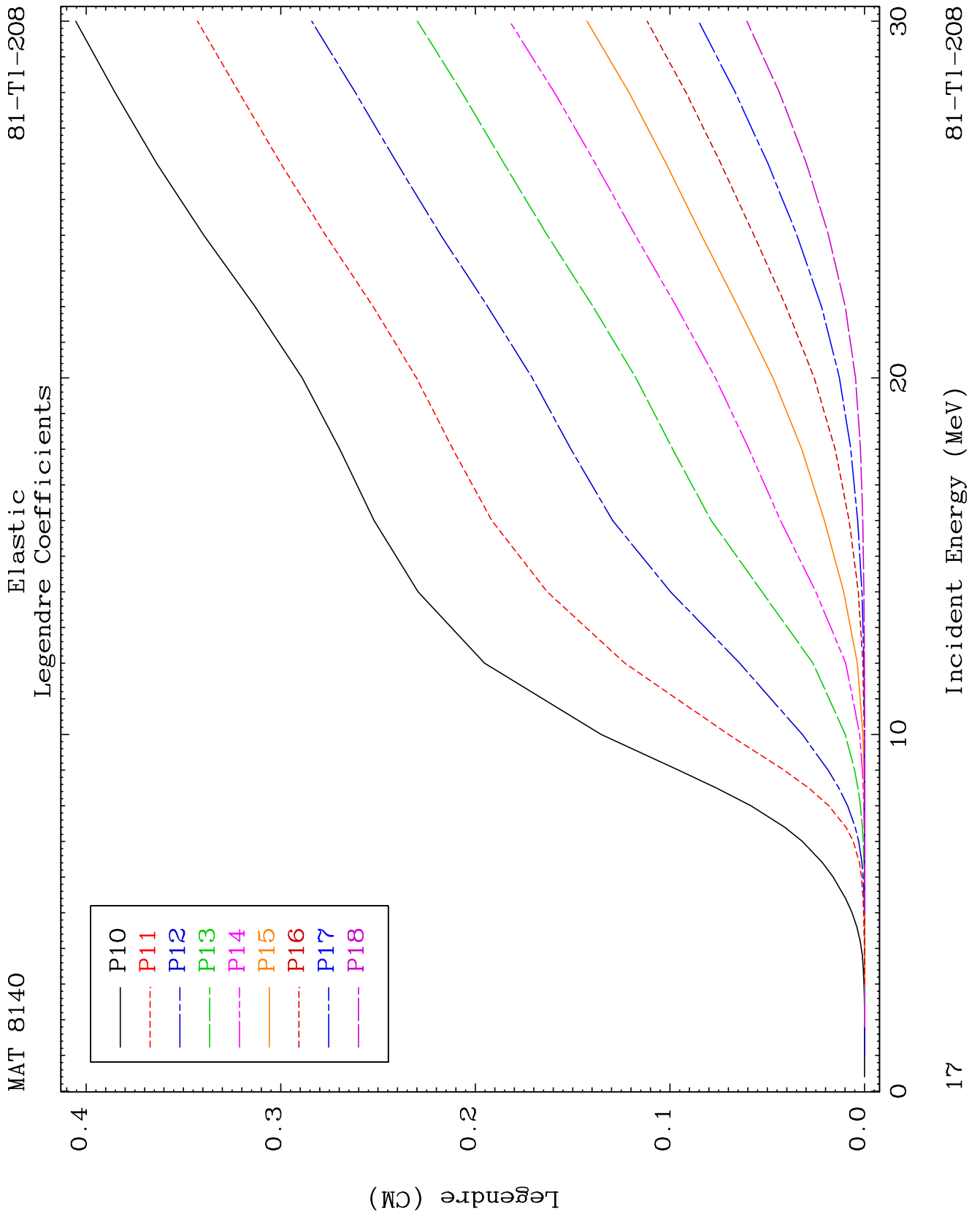
(n, α) Levels
293 Kelvin Cross Sections

81-Tl-208









81-T1-208

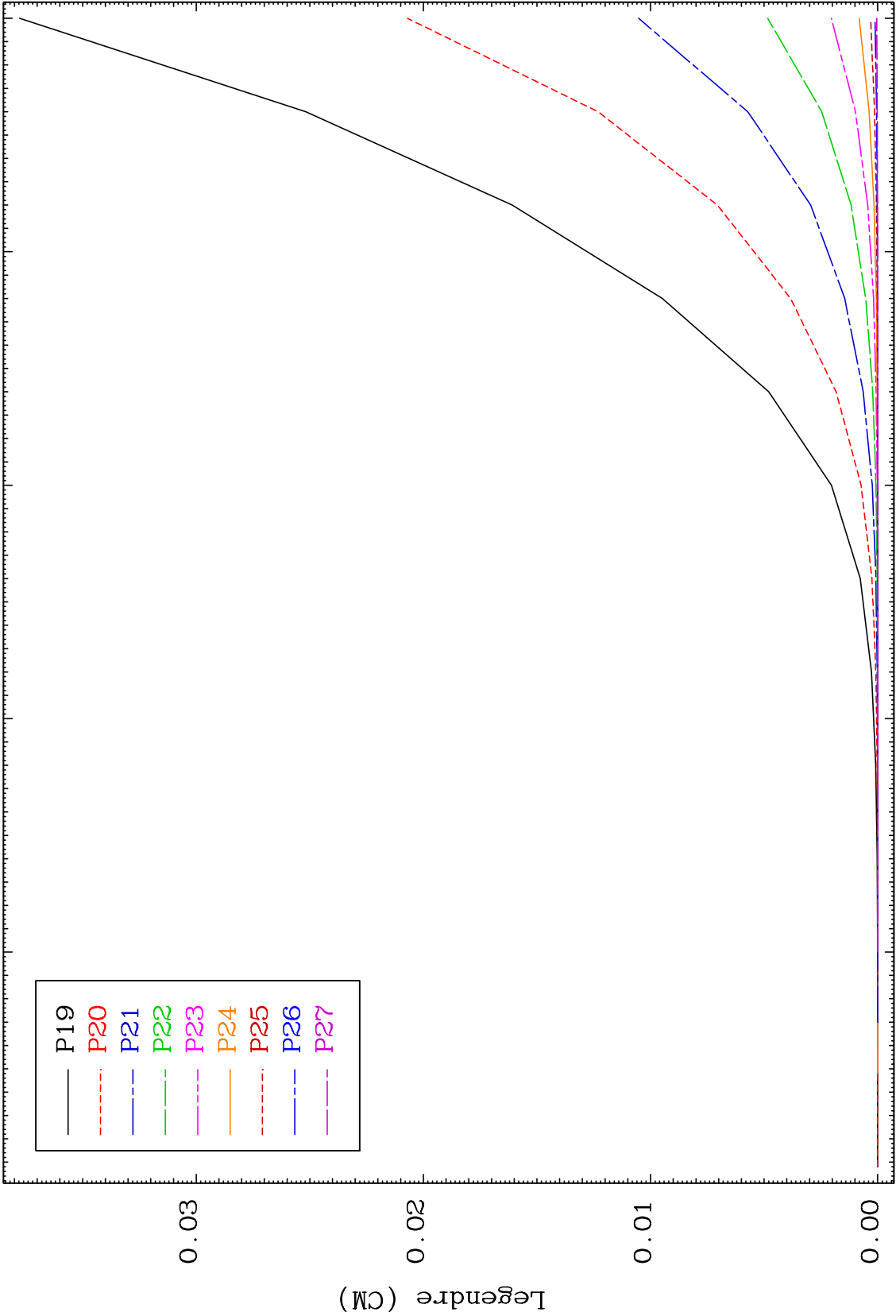
81-T1-208

17

MAT 8140

Elastic Legendre Coefficients

81-T1-208



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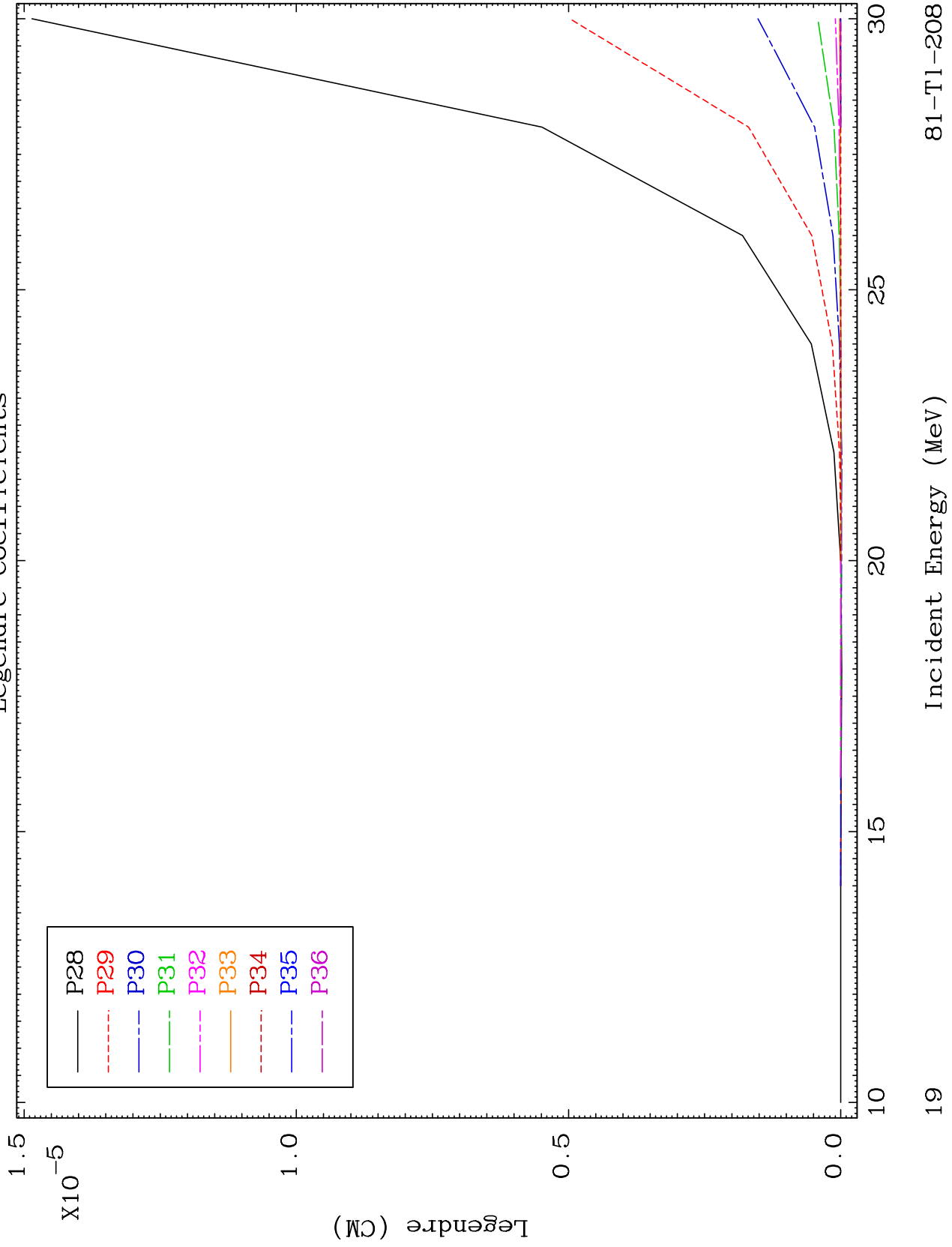
Incident Energy (MeV)

81-T1-208

MAT 8140

Elastic Legendre Coefficients

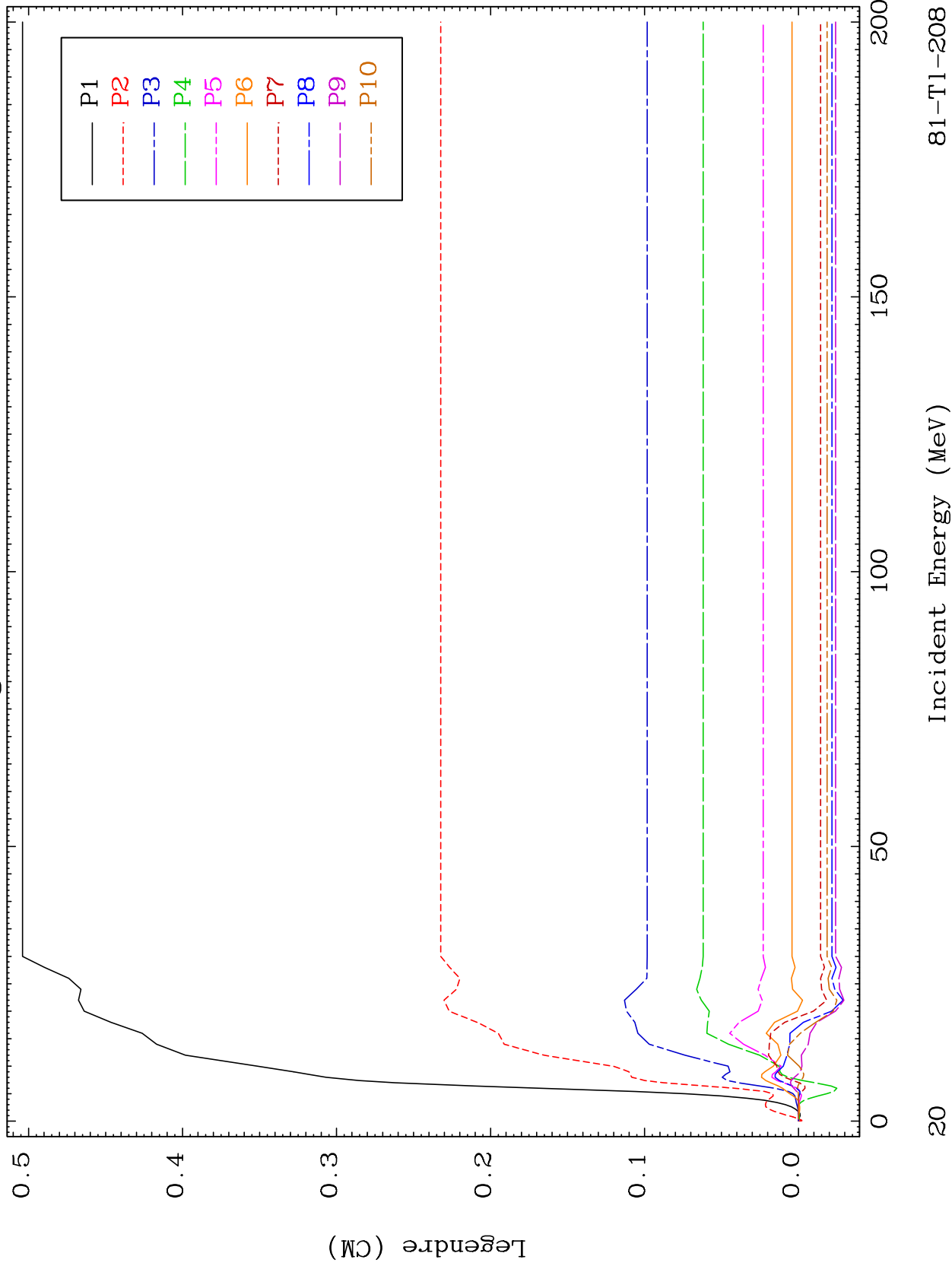
81-T1-208



MAT 8140

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

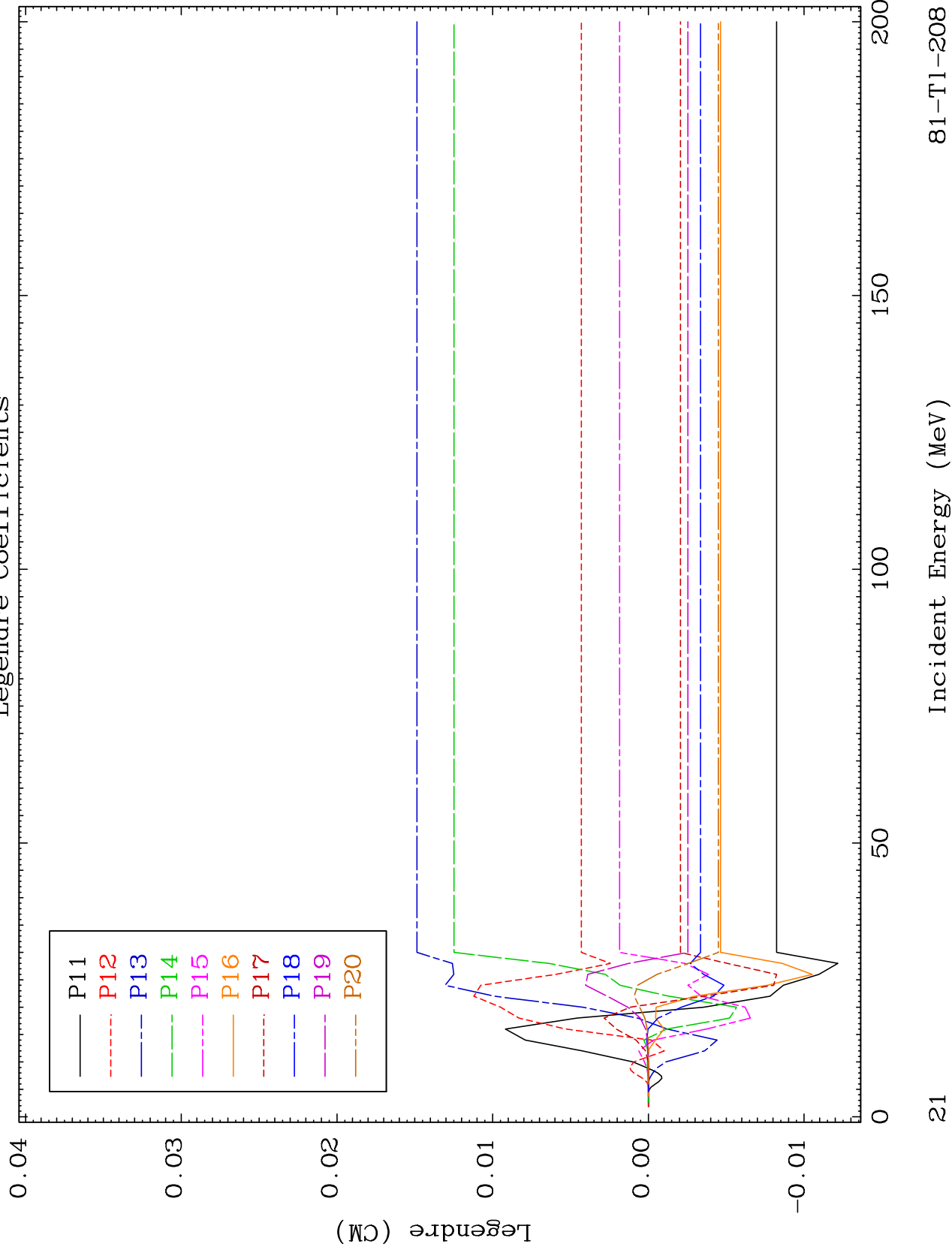
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MAT 8140

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

81-T1-208

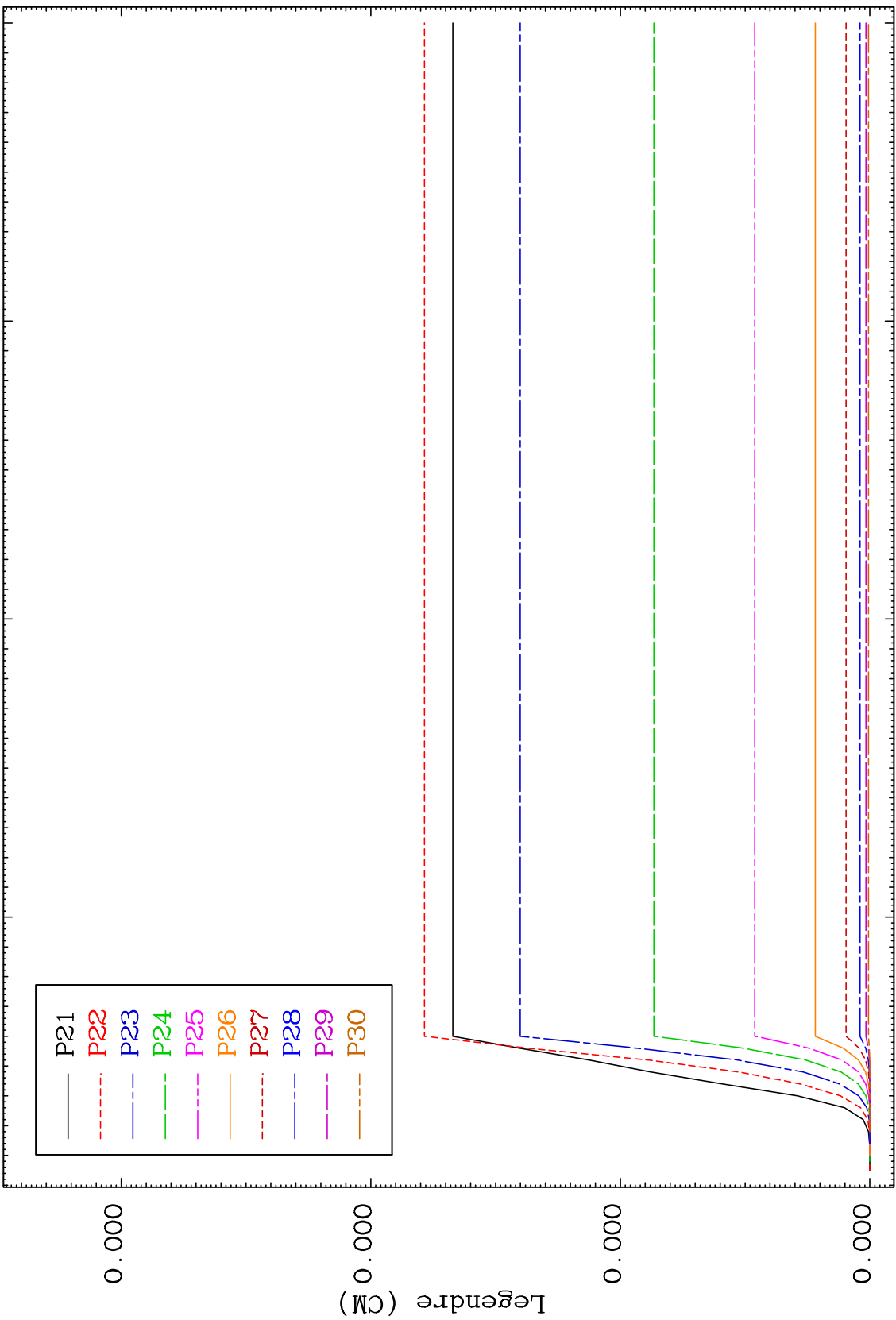


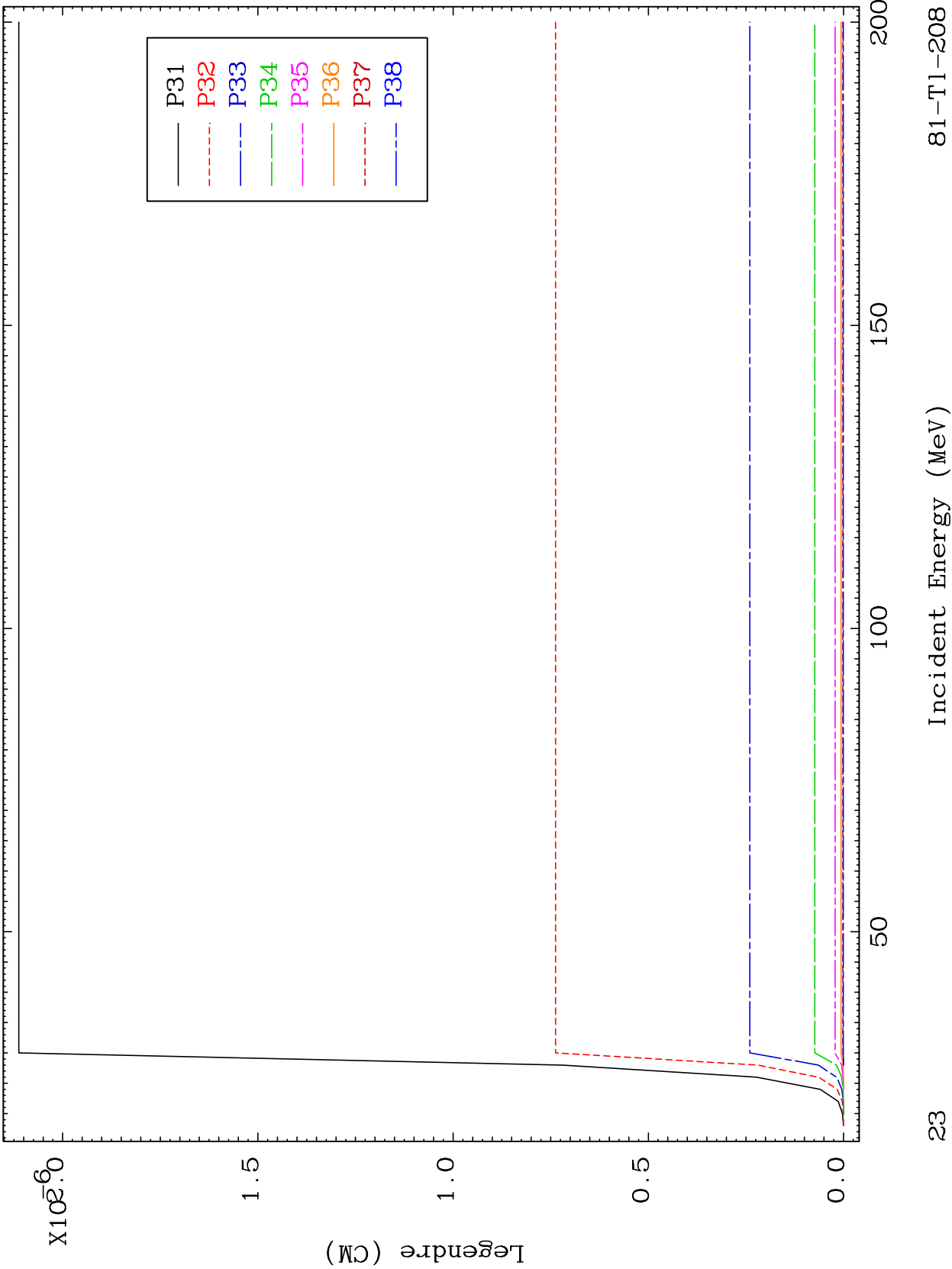
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MAT 8140

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

81-T1-208

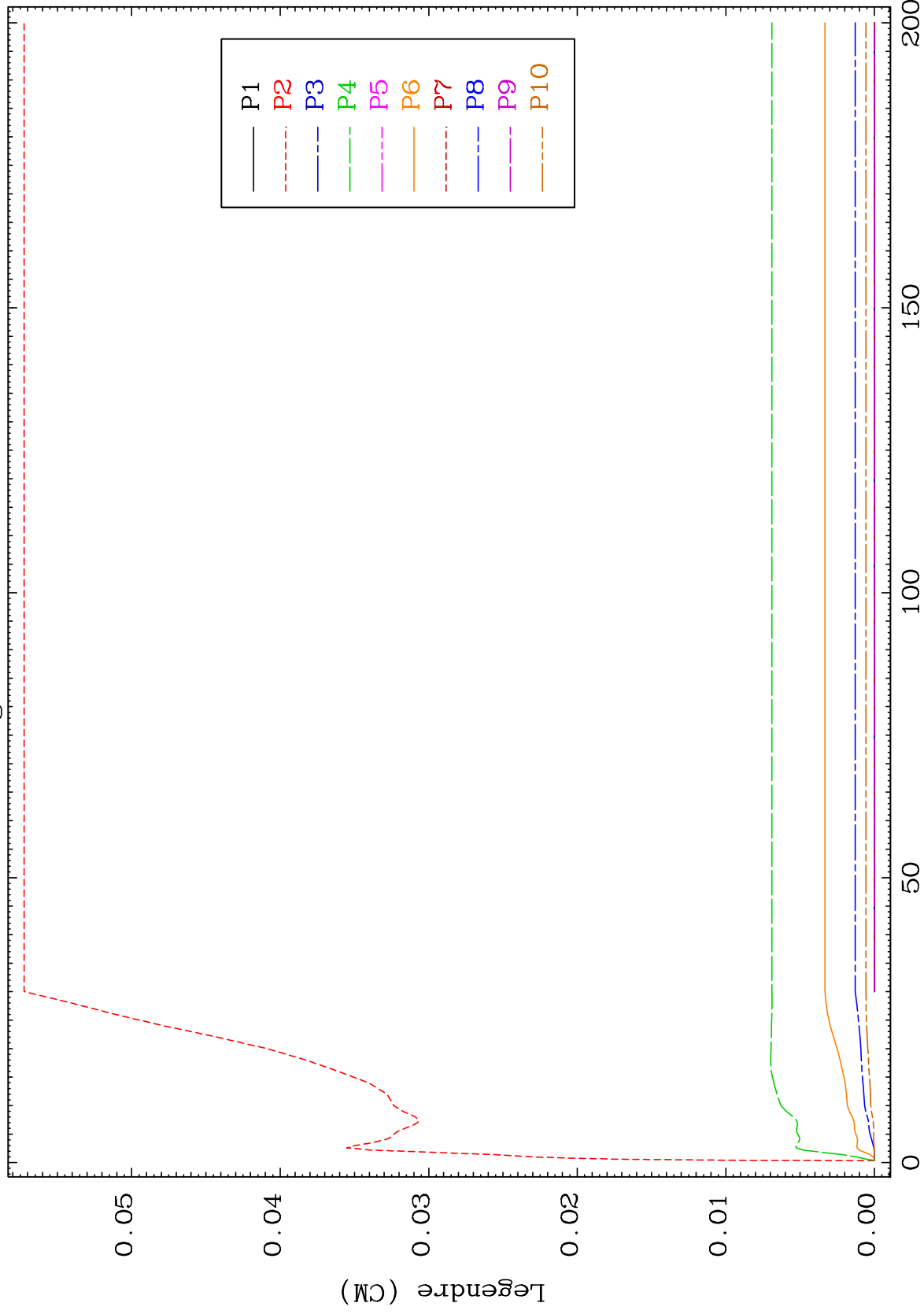




MAT 8140

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

81-T1-208



24

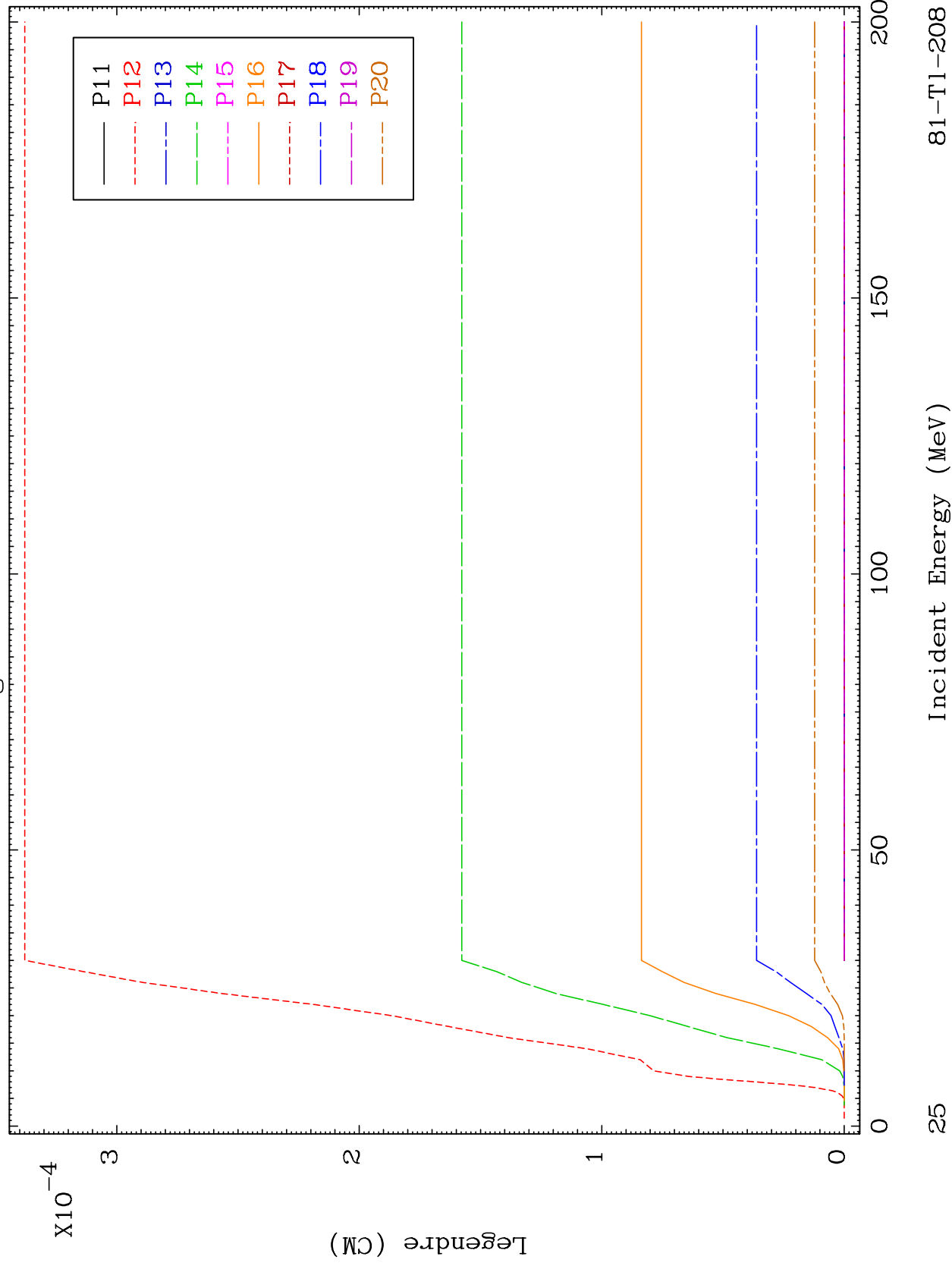
Incident Energy (MeV)

81-T1-208

MAT 8140

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

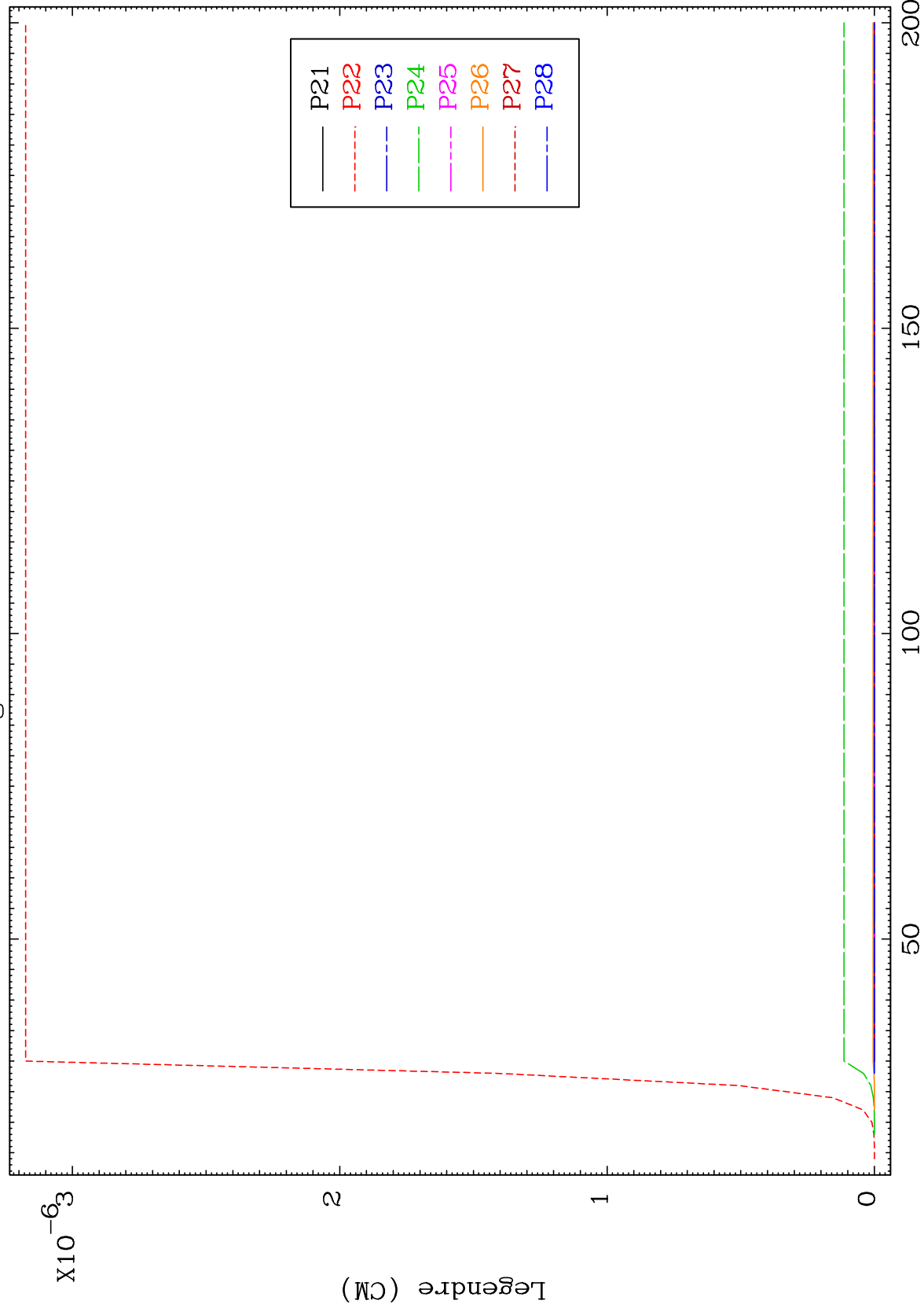
81-T1-208



MAT 8140

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

81-T1-208



26

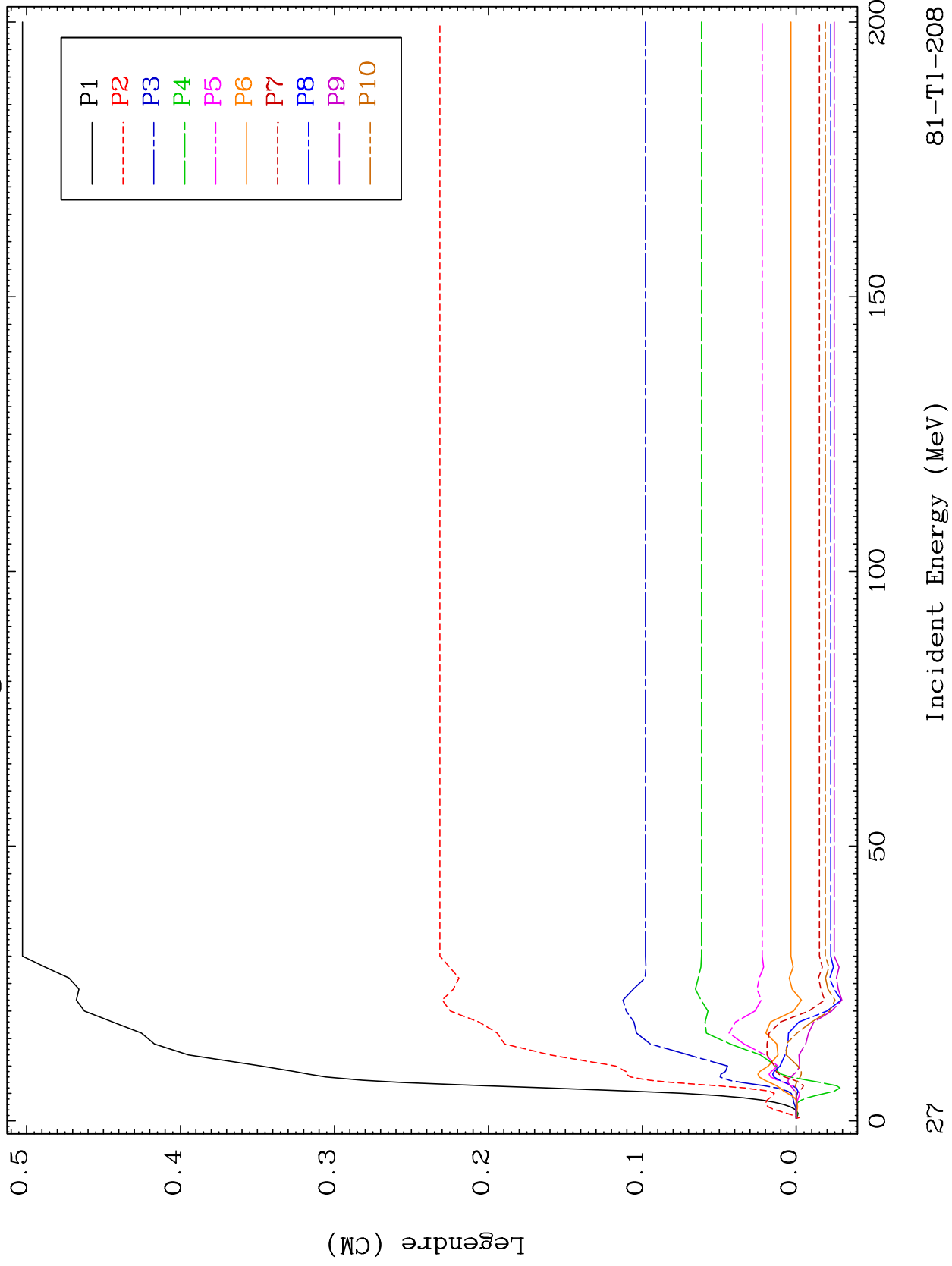
Incident Energy (MeV)

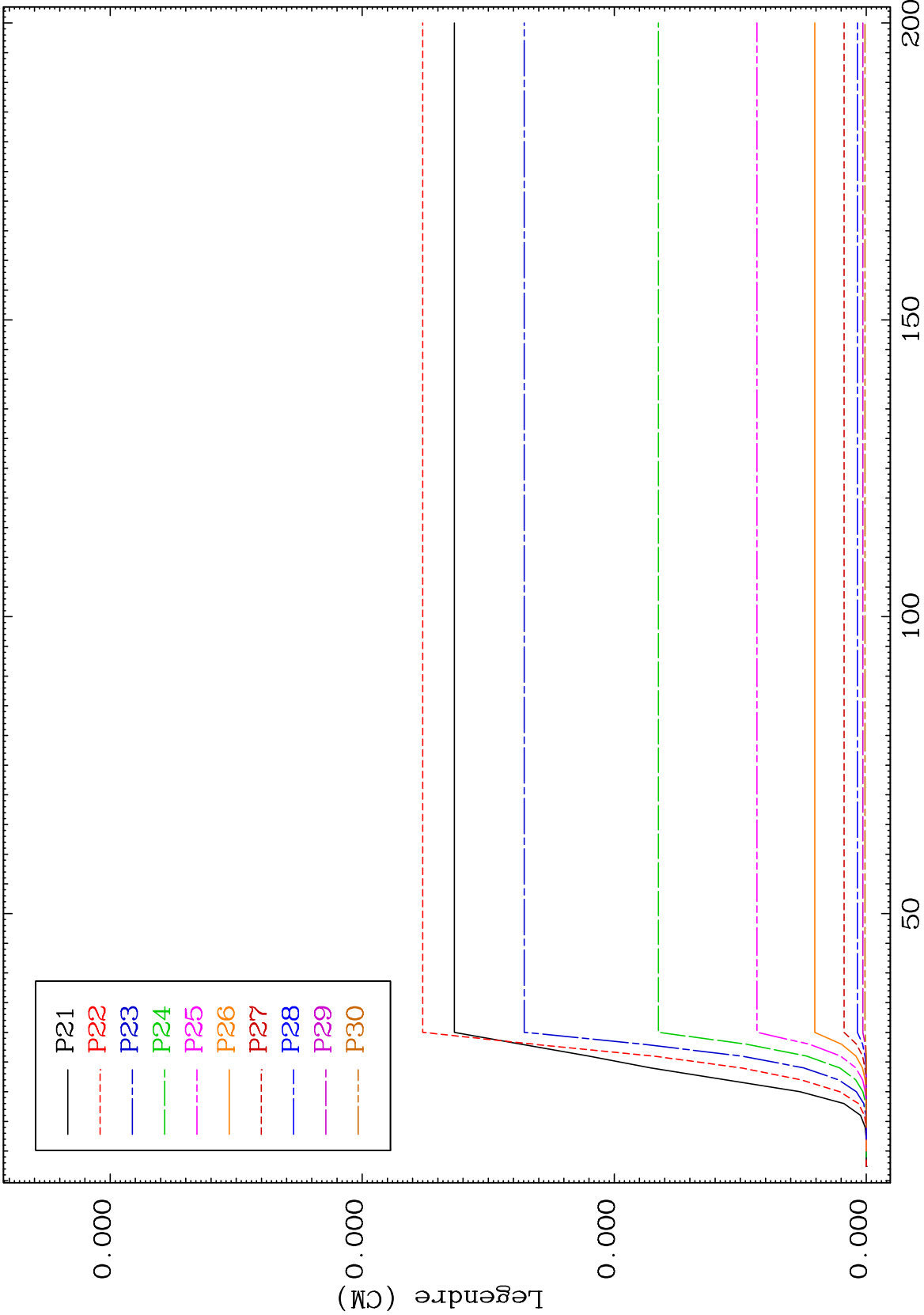
81-T1-208

MAT 8140

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

81-T1-208

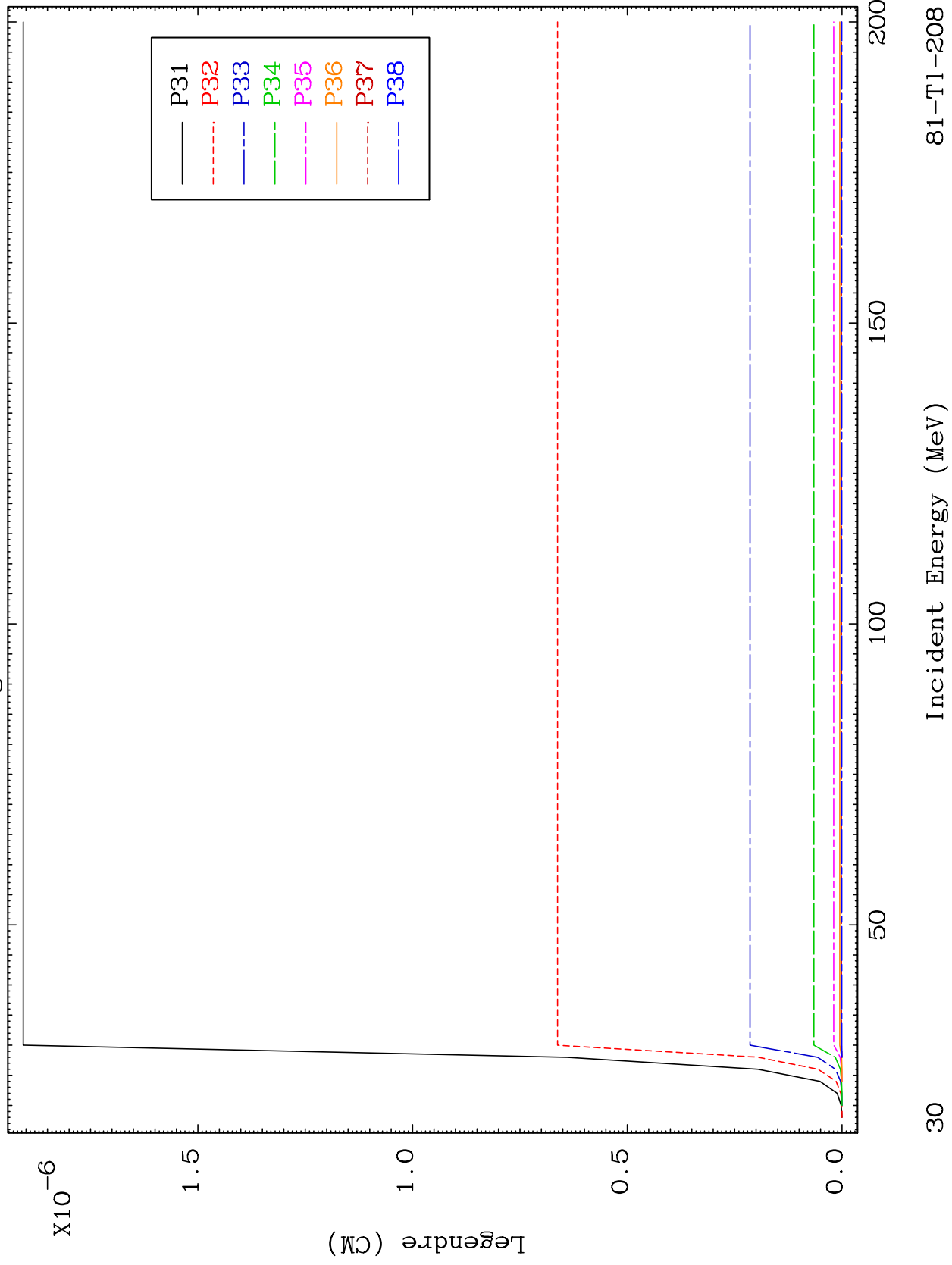




MAT 8140

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

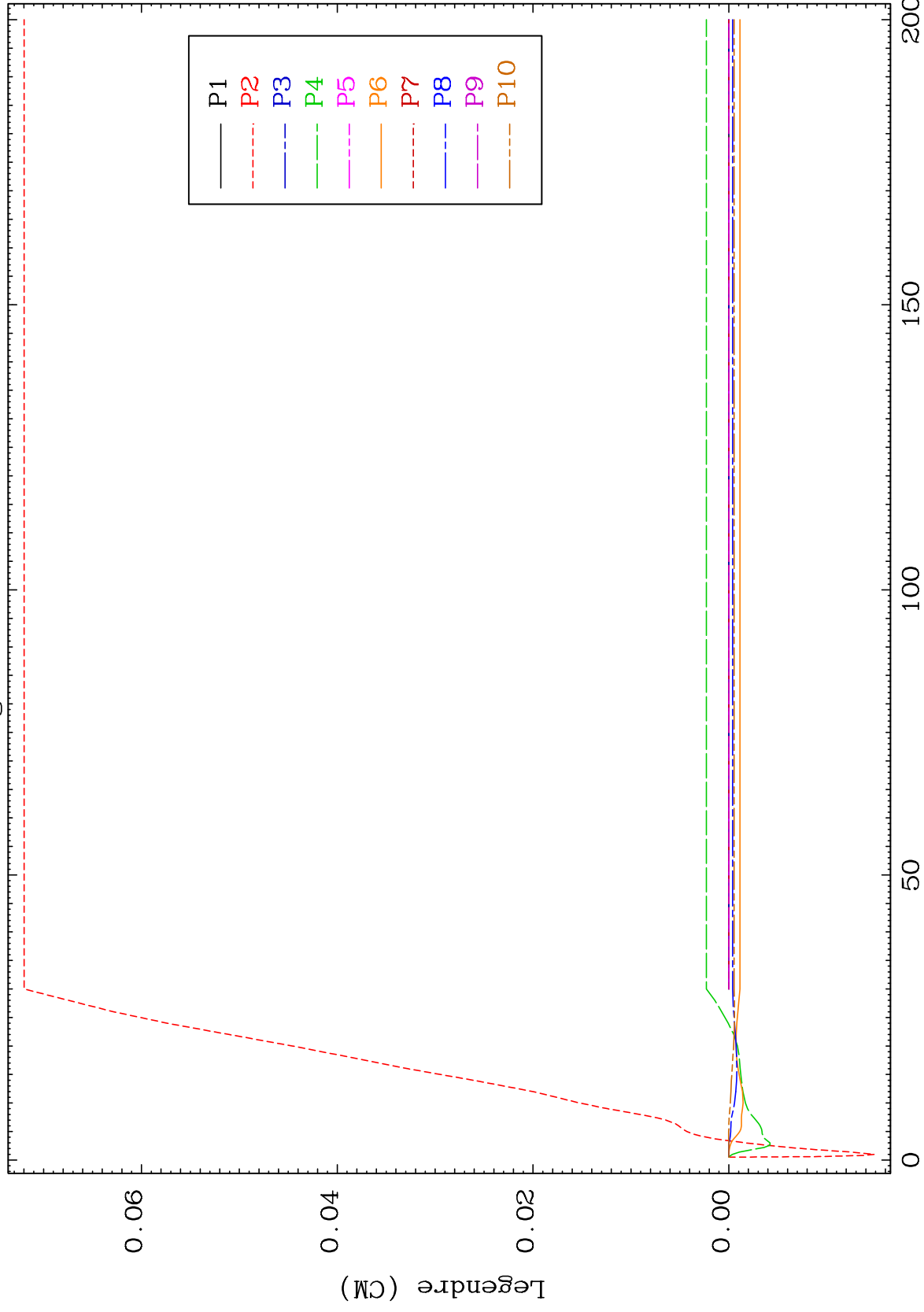
81-T1-208



MAT 8140

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

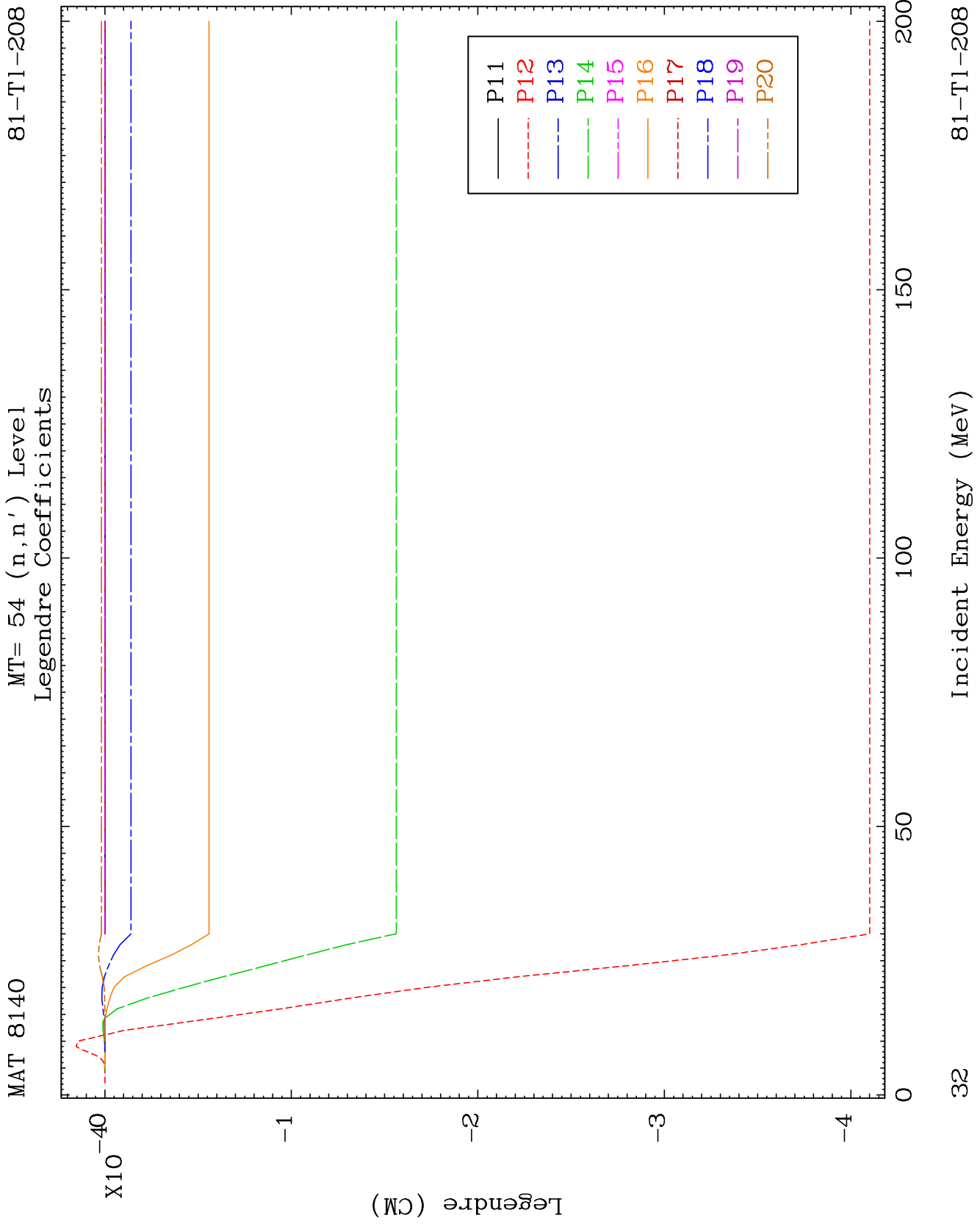
81-T1-208



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Incident Energy (MeV)

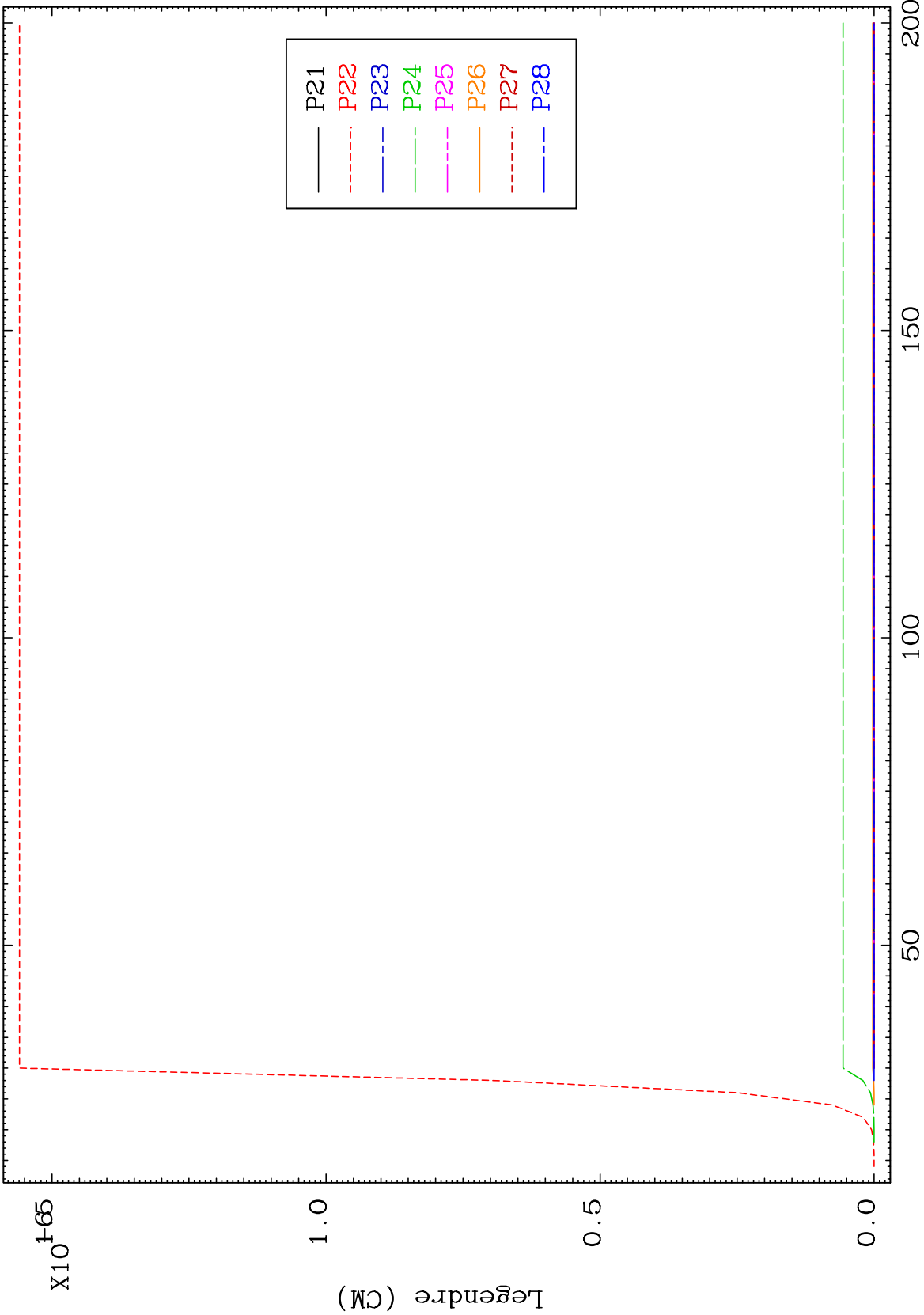
81-T1-208



MAT 8140

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

81-T1-208



33

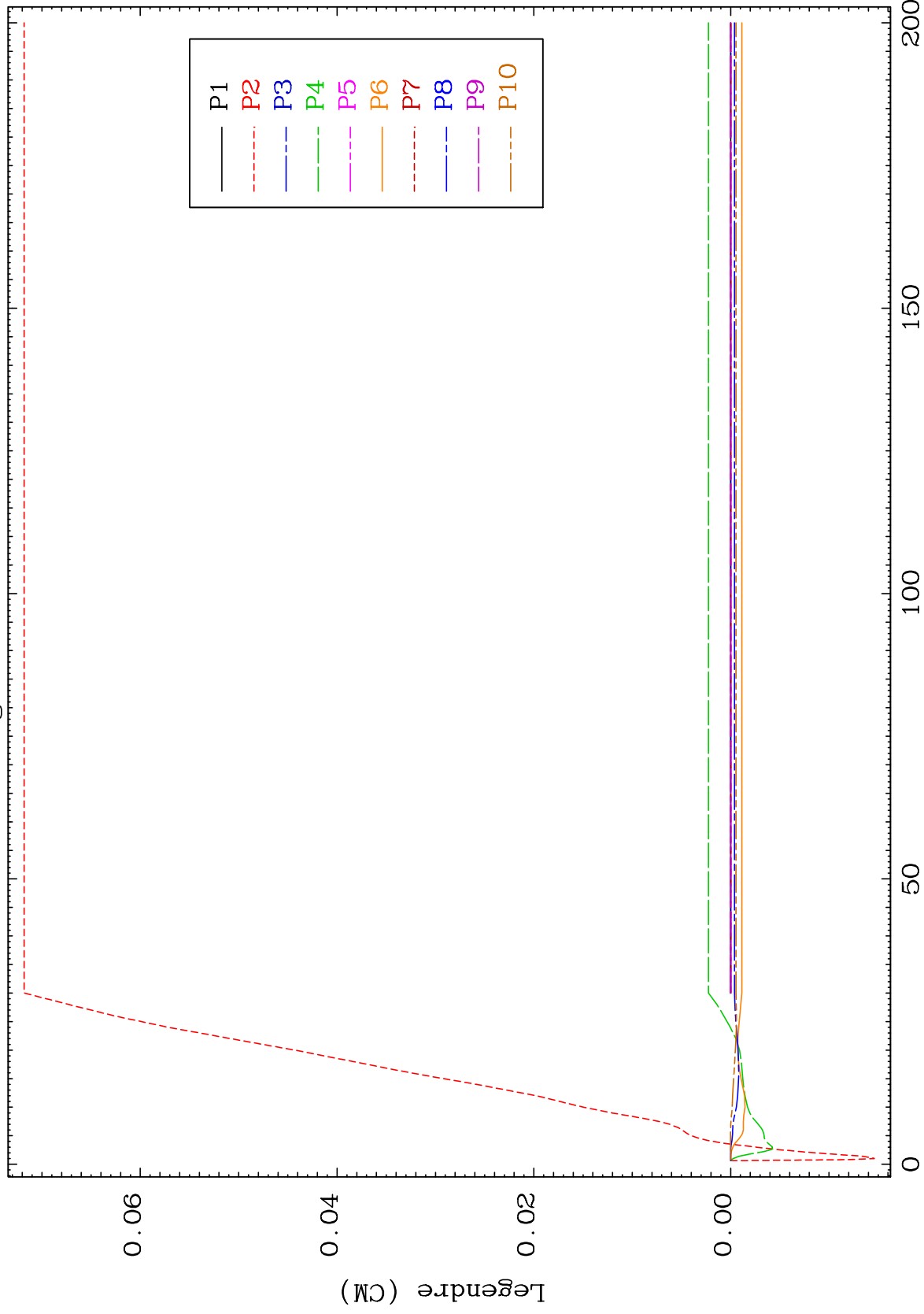
Incident Energy (MeV)

81-T1-208

MAT 8140

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

81-T1-208



34

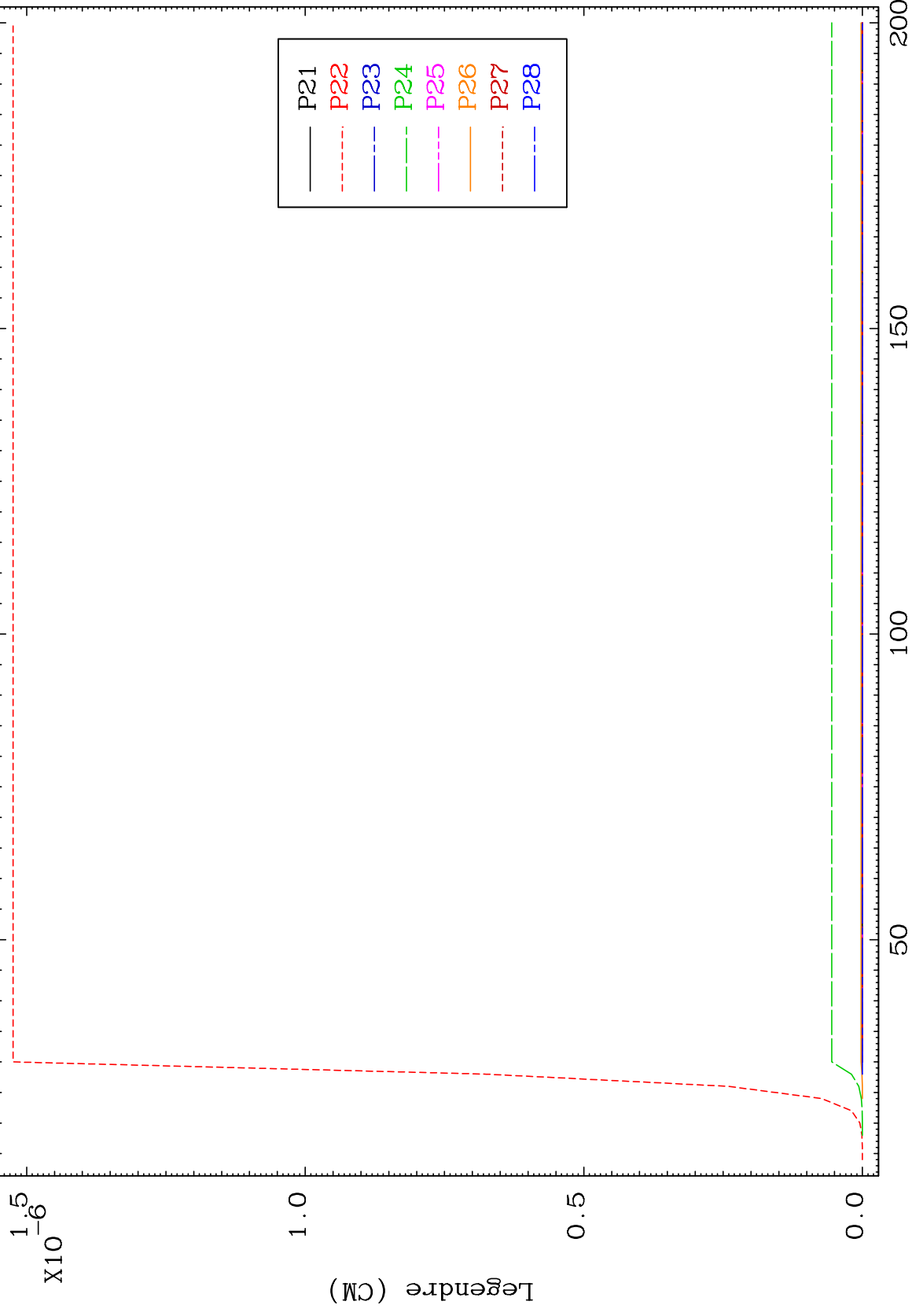
Incident Energy (MeV)

81-T1-208

MAT 8140

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

81-T1-208



36

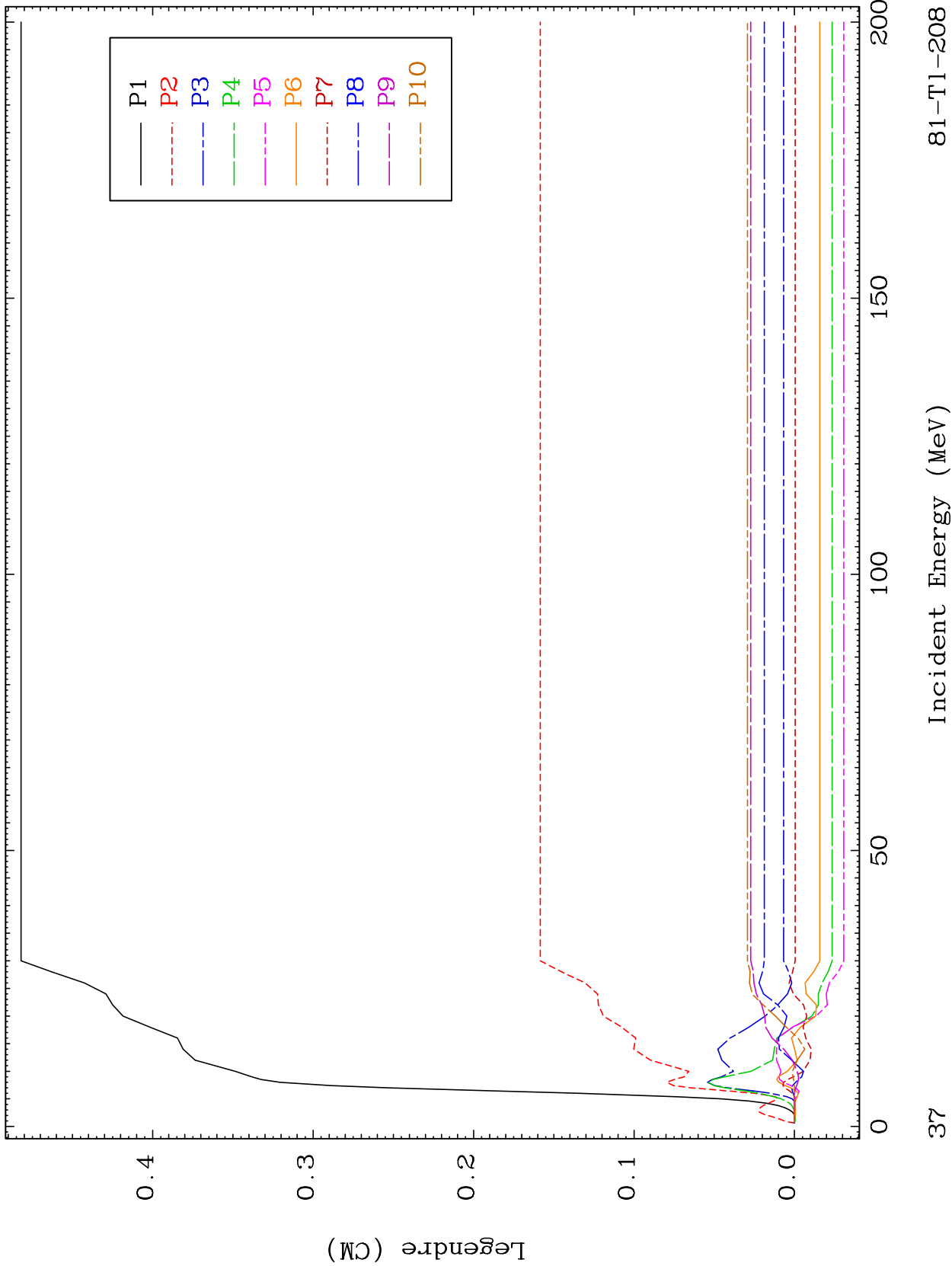
Incident Energy (MeV)

81-T1-208

MAT 8140

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

81-T1-208



37

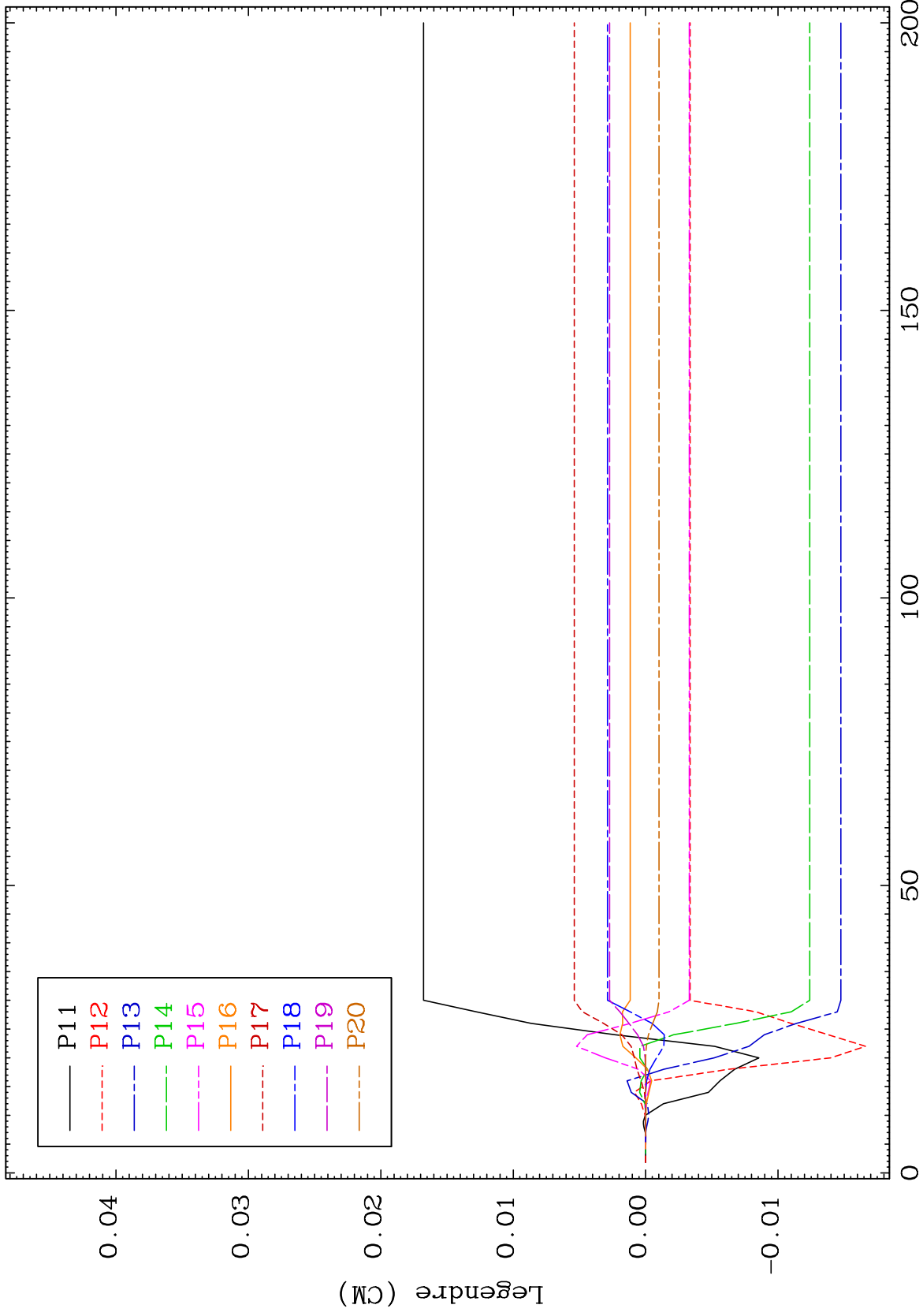
Incident Energy (MeV)

81-T1-208

MAT 8140

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

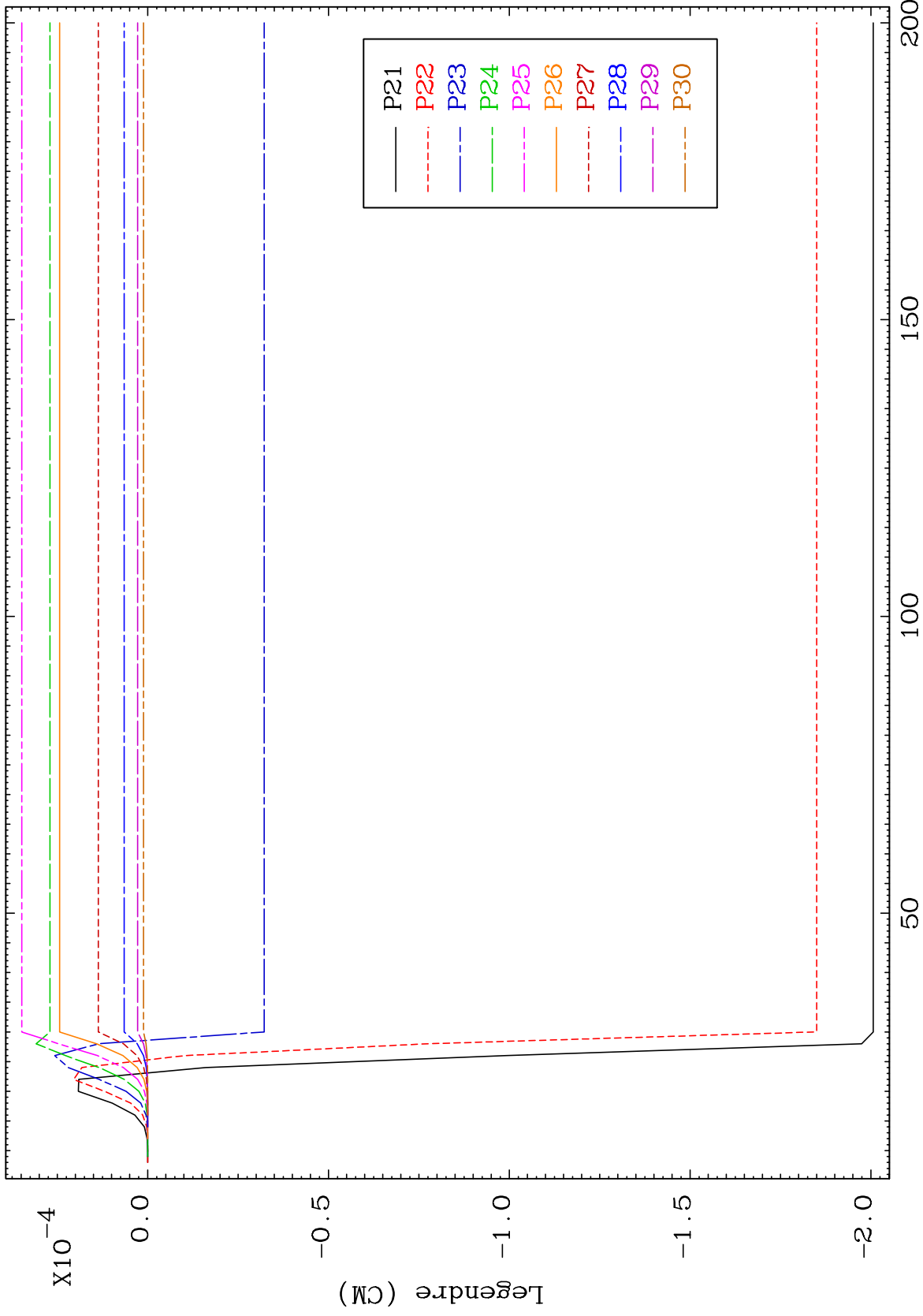
81-T1-208



38

Incident Energy (MeV)

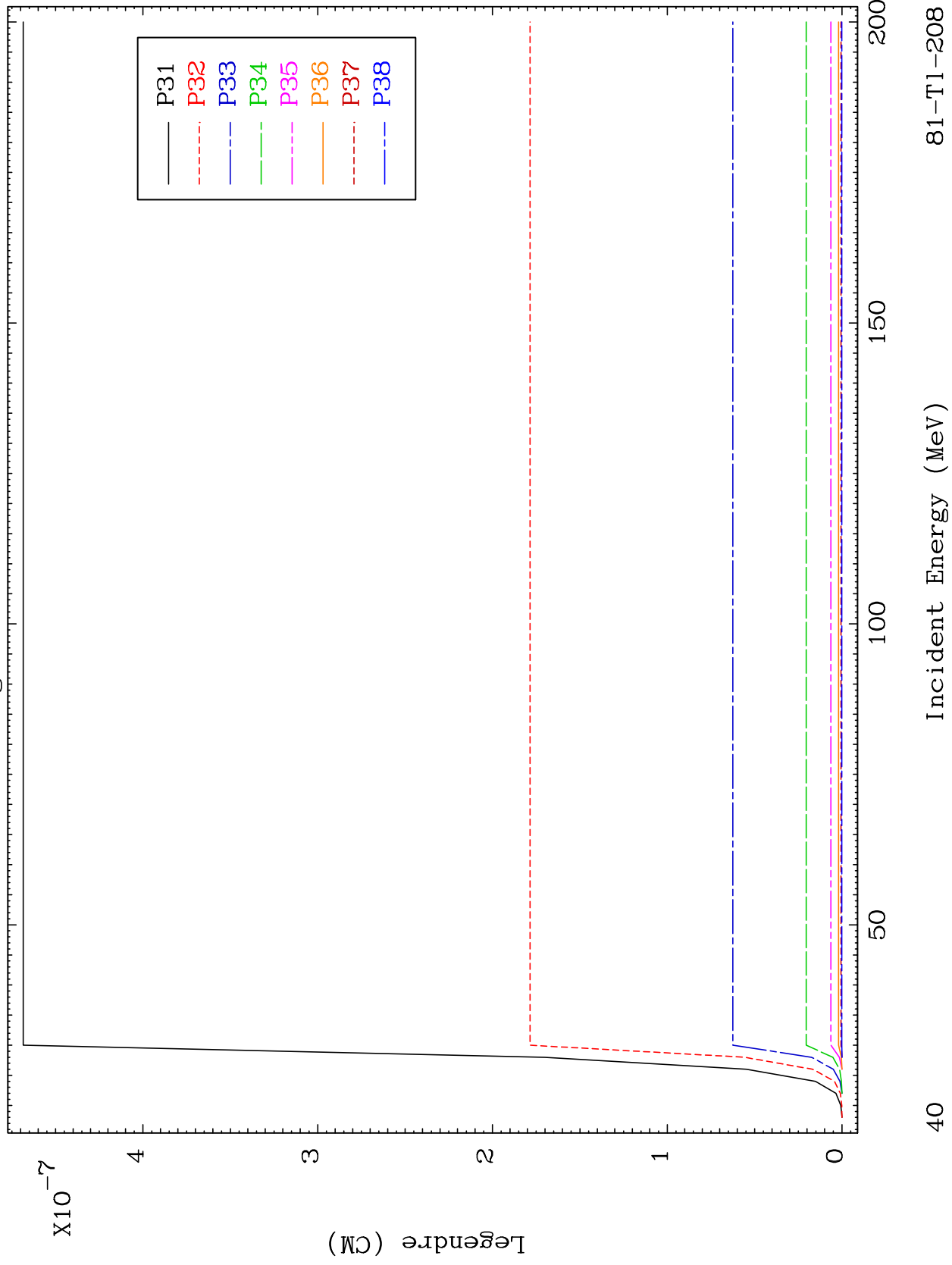
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MAT 8140

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

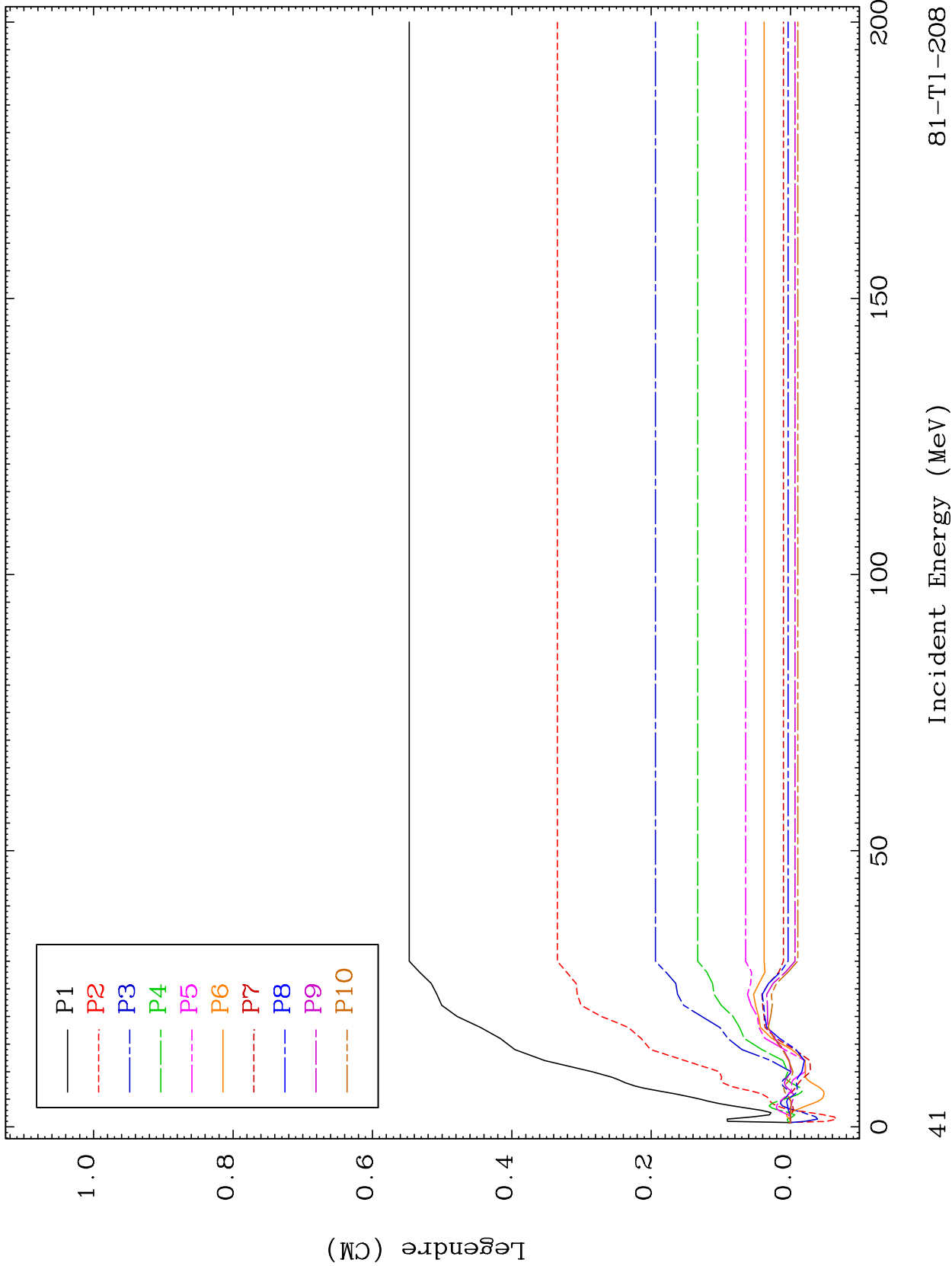
81-T1-208



MAT 8140

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

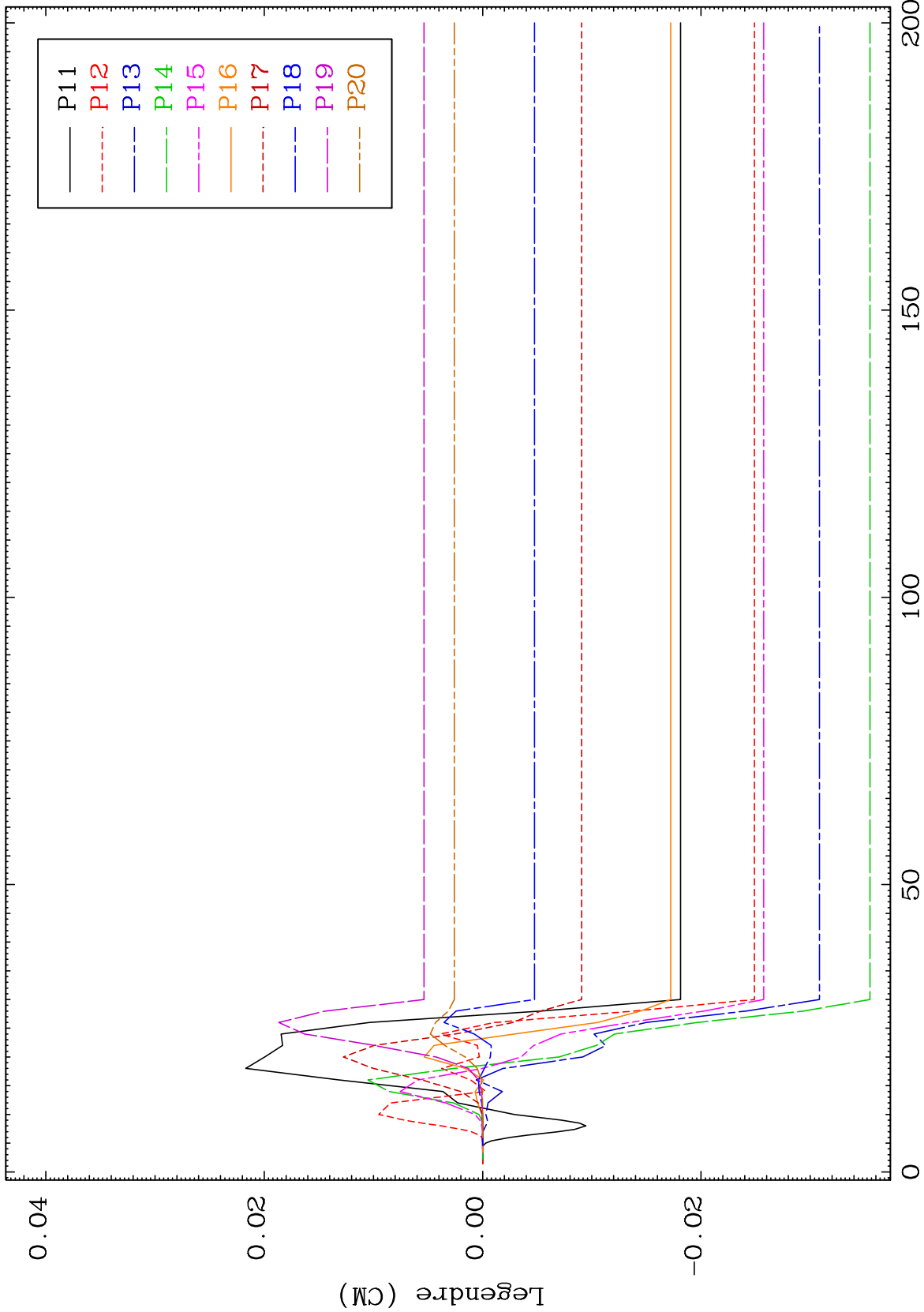
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MAT 8140

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

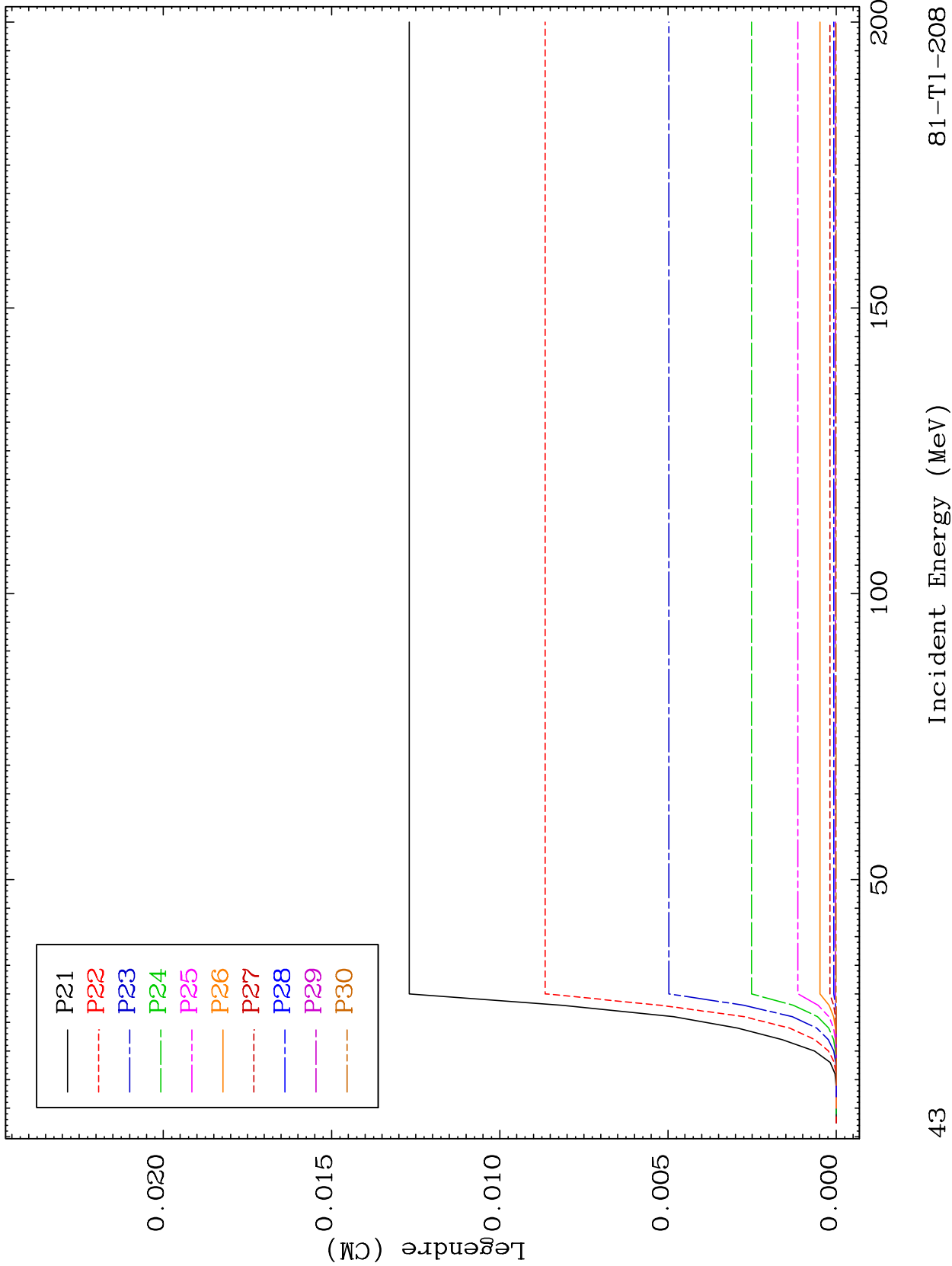
81-T1-208



42

Incident Energy (MeV)

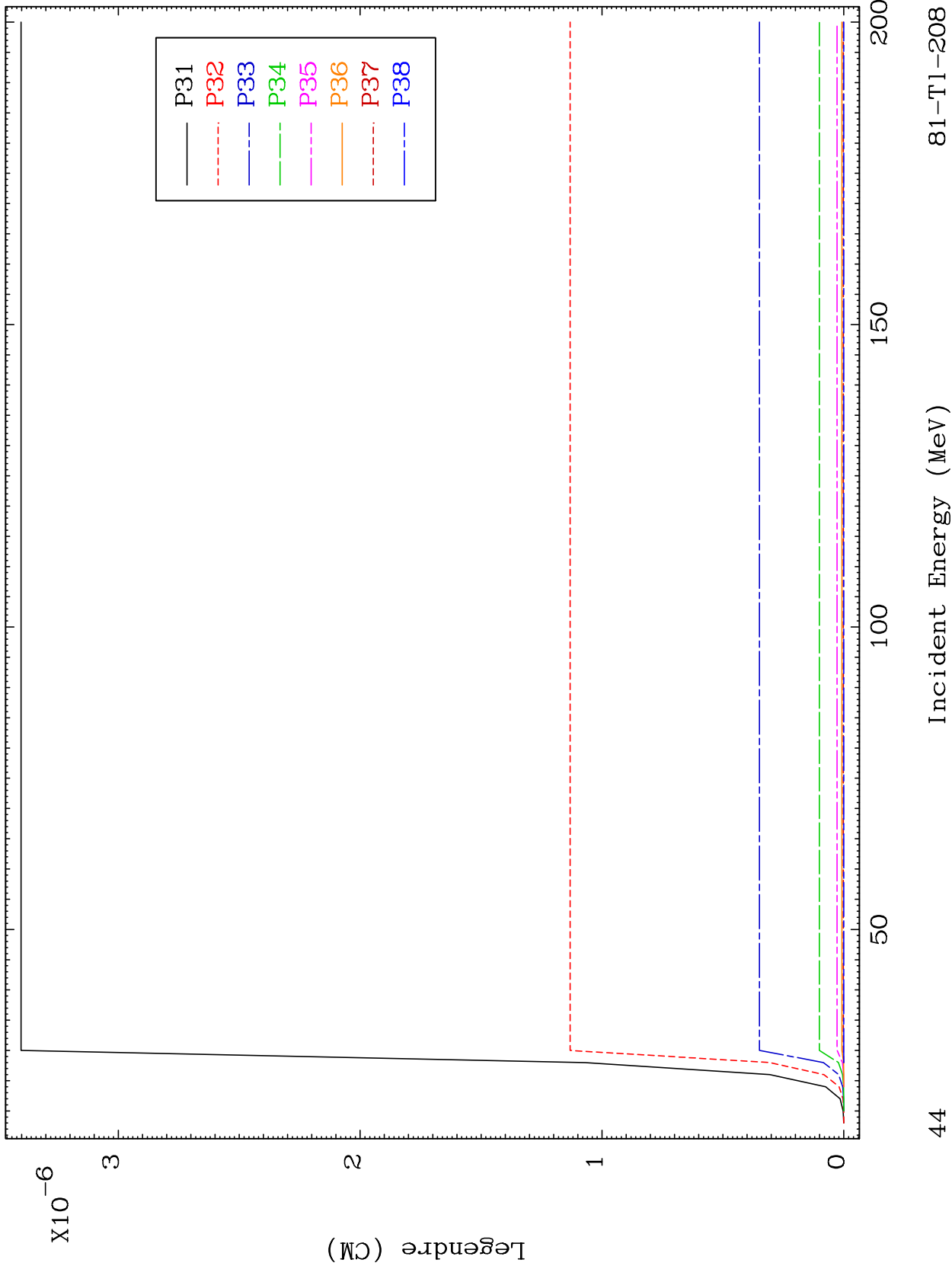
81-T1-208



MAT 8140

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

81-T1-208



44

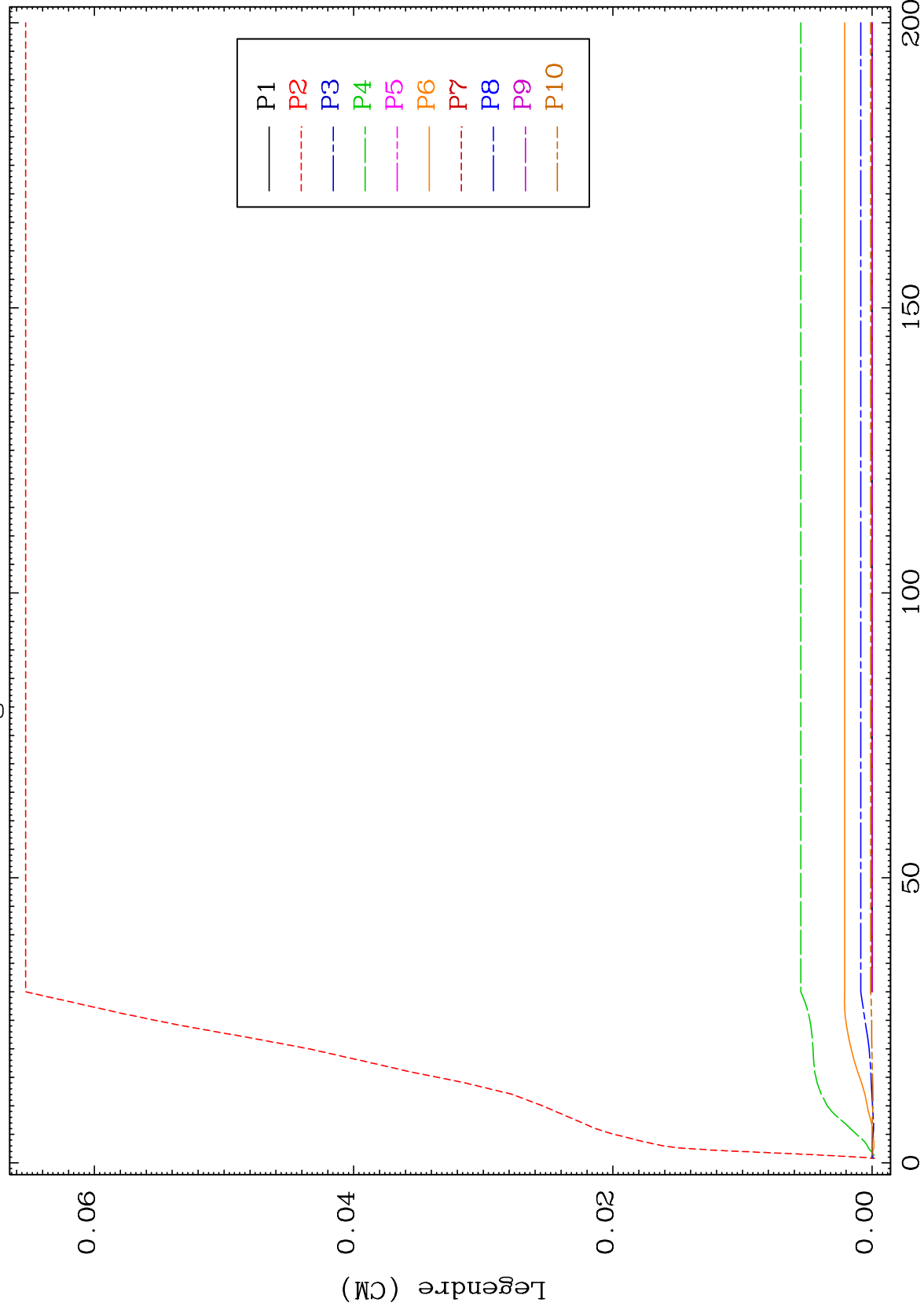
Incident Energy (MeV)

81-T1-208

MAT 8140

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

81-T1-208



81-T1-208

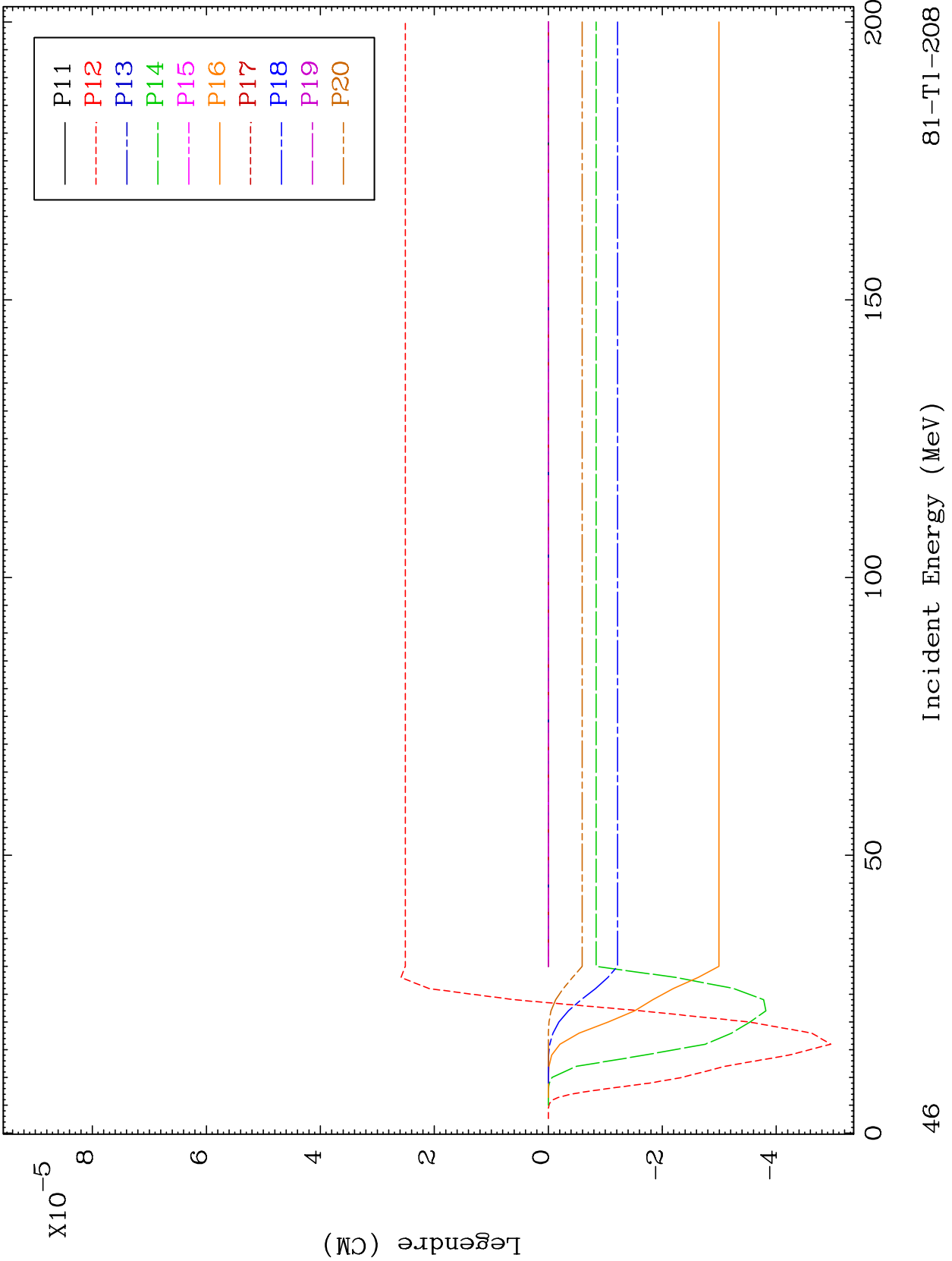
Incident Energy (MeV)

45

MAT 8140

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

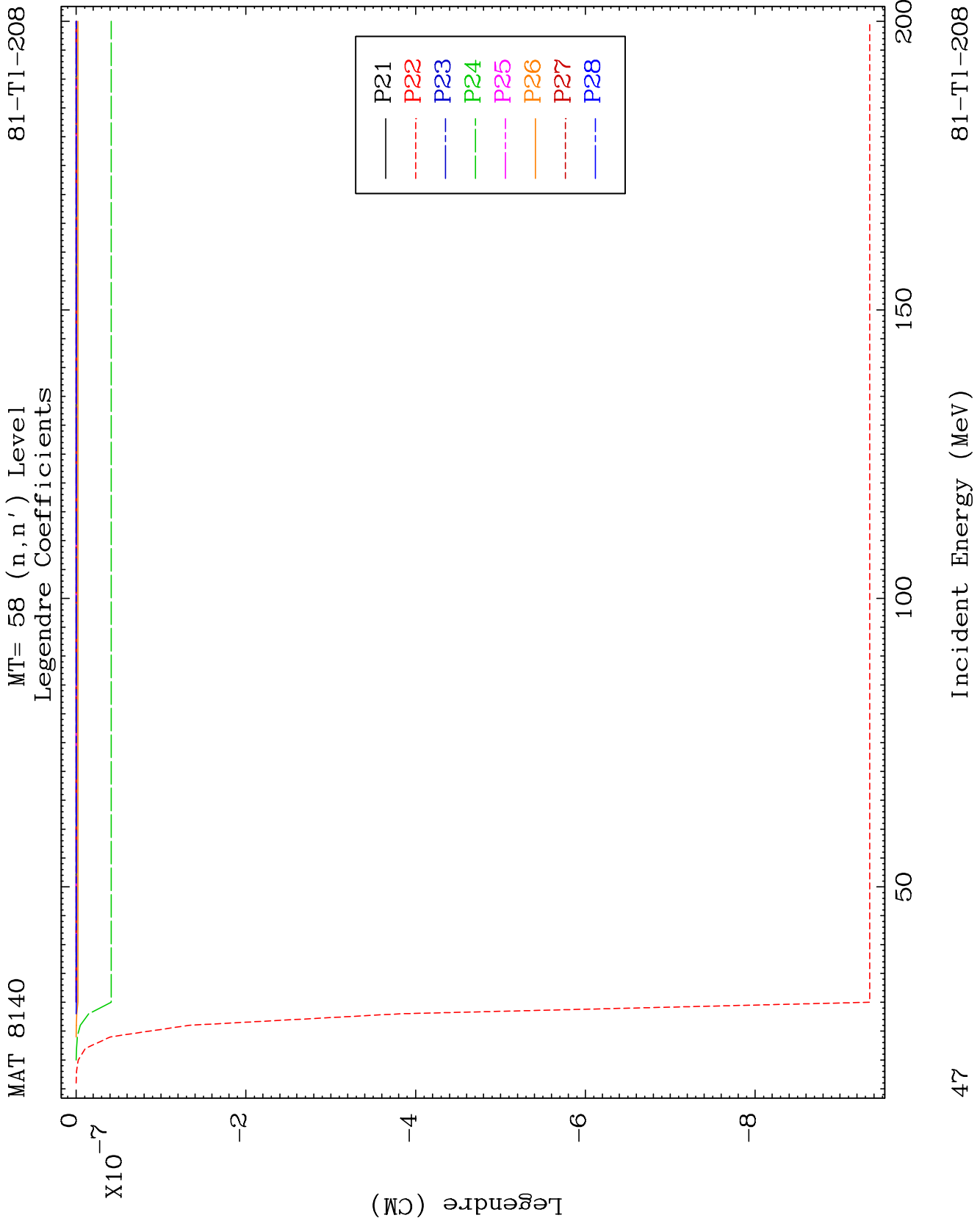
81-Tl-208



81-Tl-208

Incident Energy (MeV)

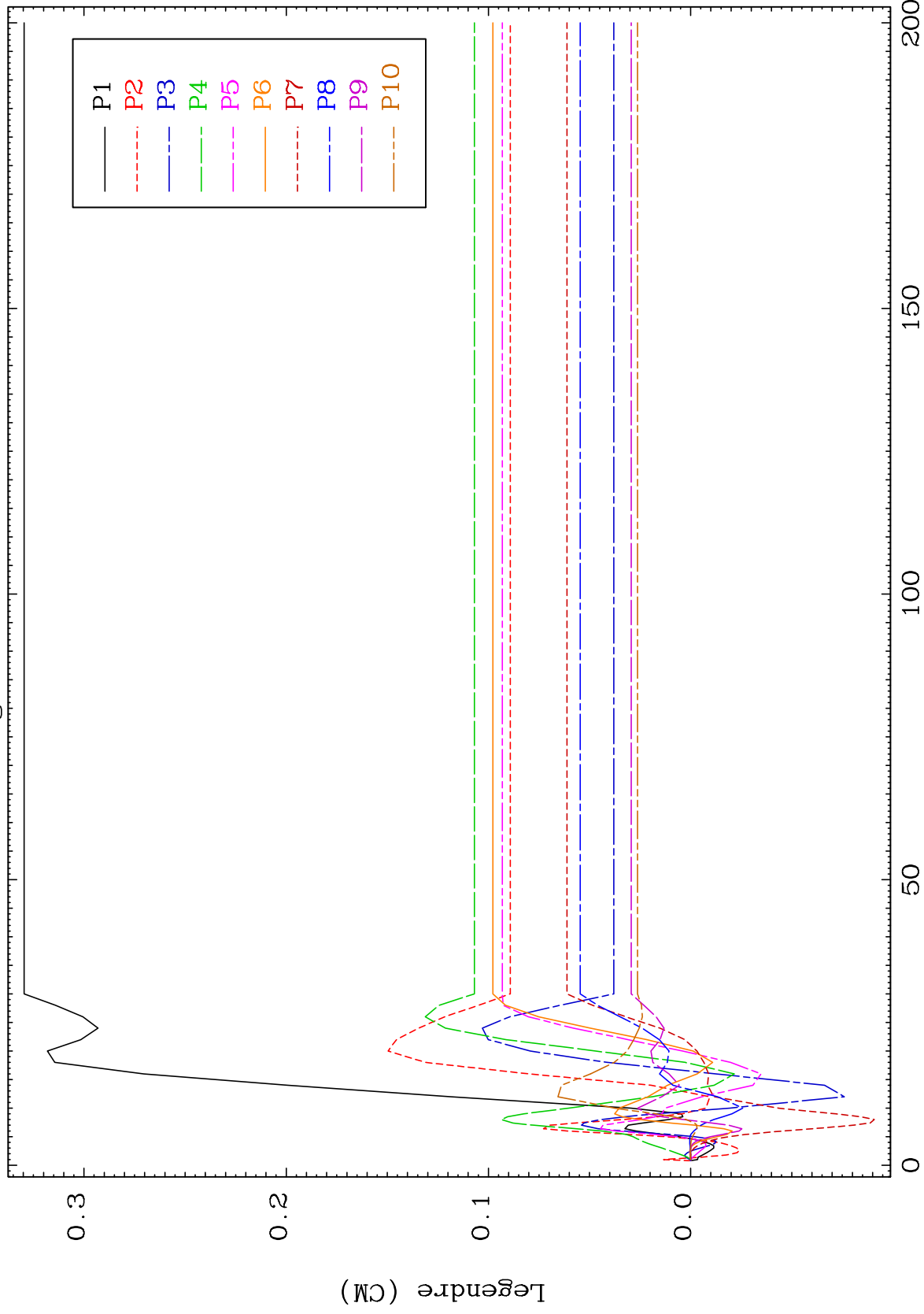
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MAT 8140

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

81-T1-208



48

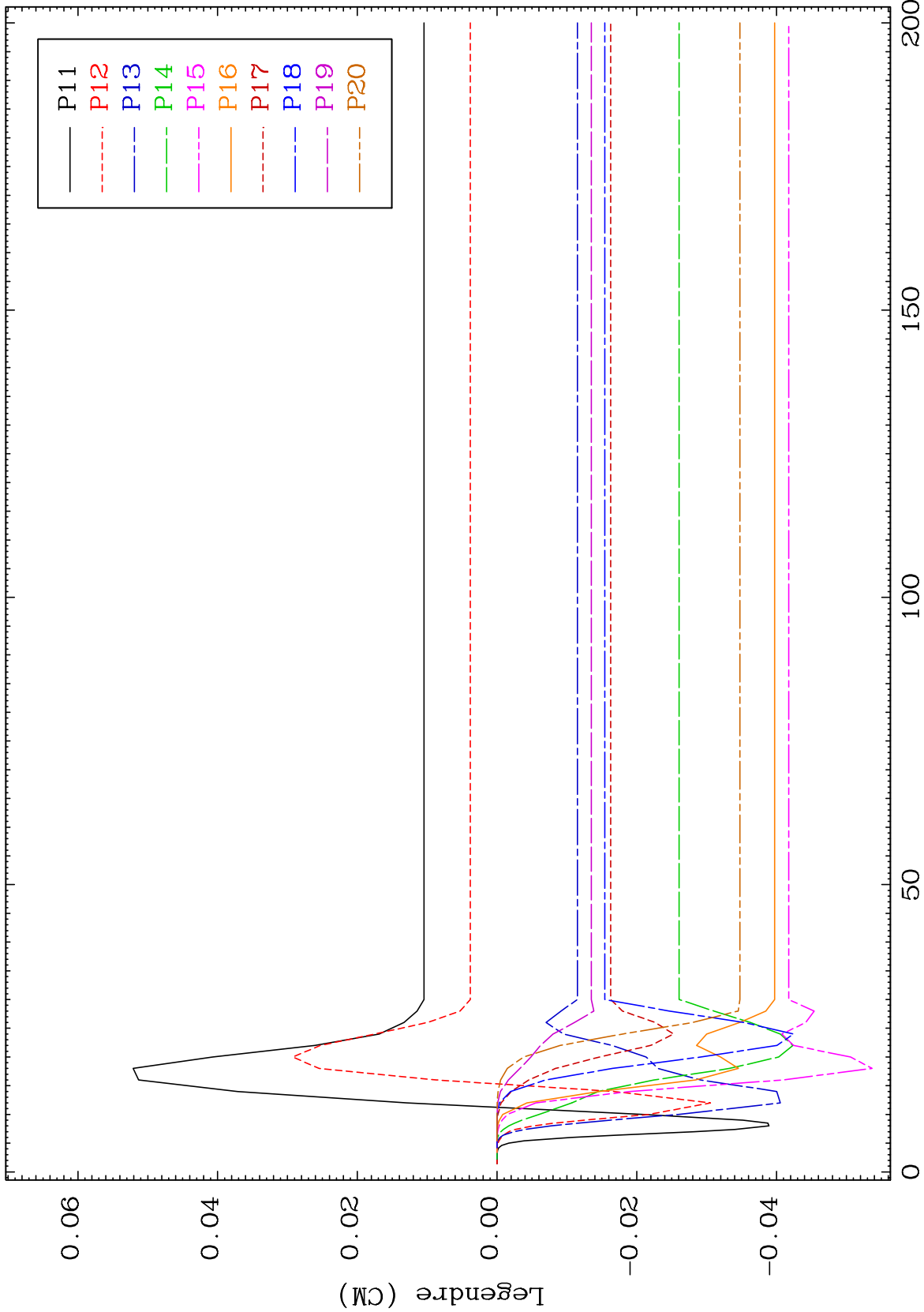
Incident Energy (MeV)

81-T1-208

MAT 8140

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

81-T1-208



49

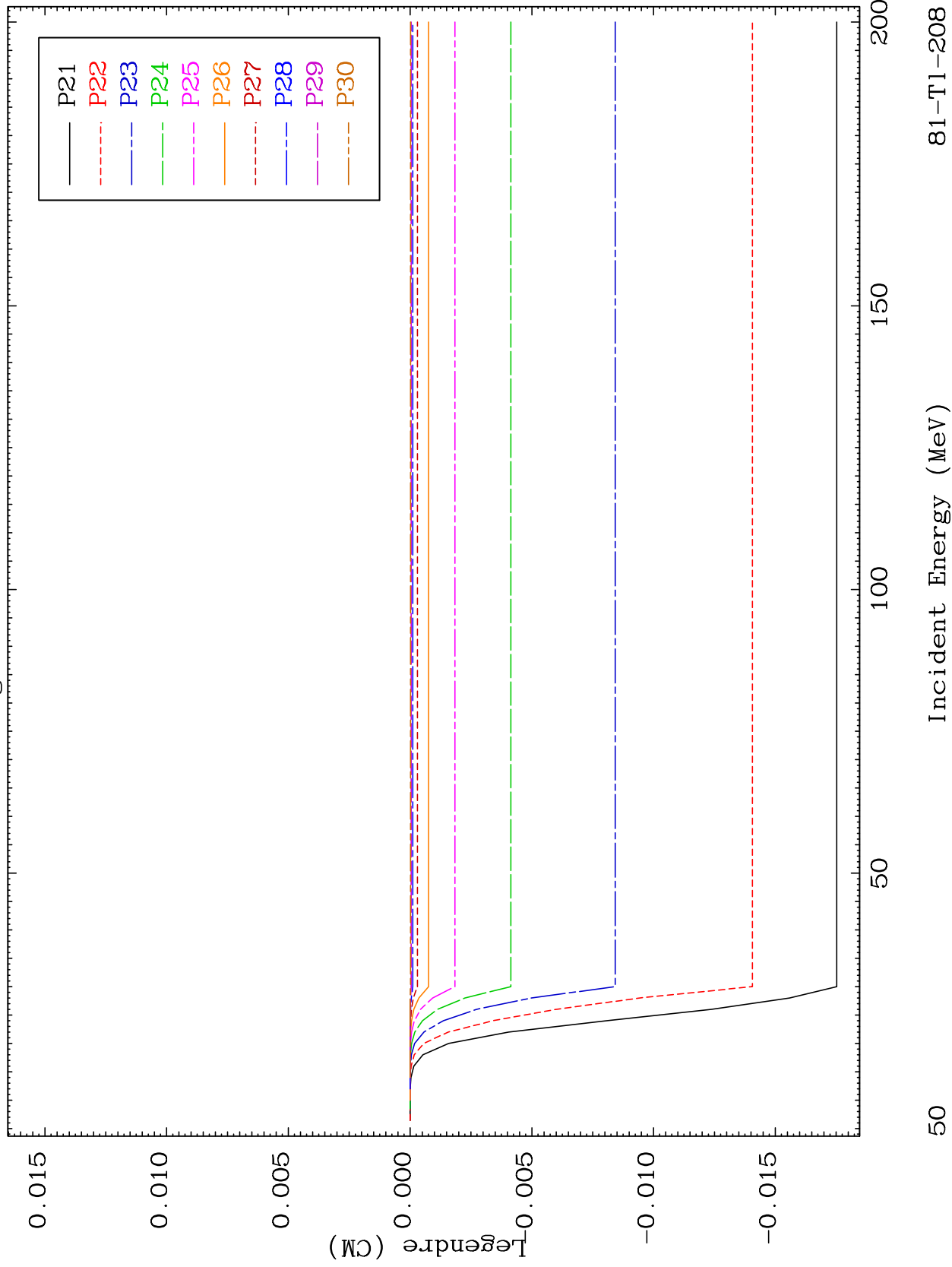
Incident Energy (MeV)

81-T1-208

MAT 8140

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

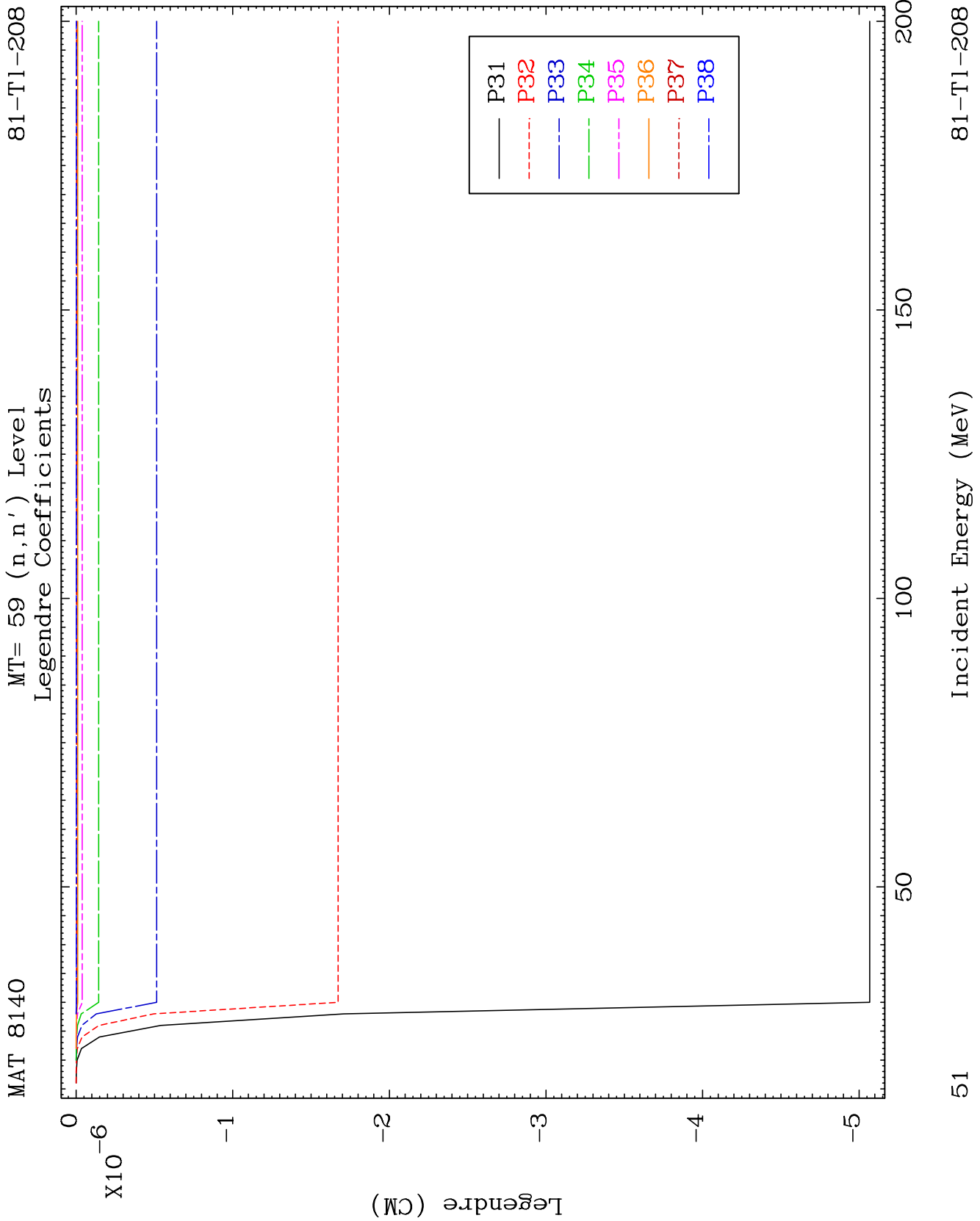
81-T1-208



81-T1-208

Incident Energy (MeV)

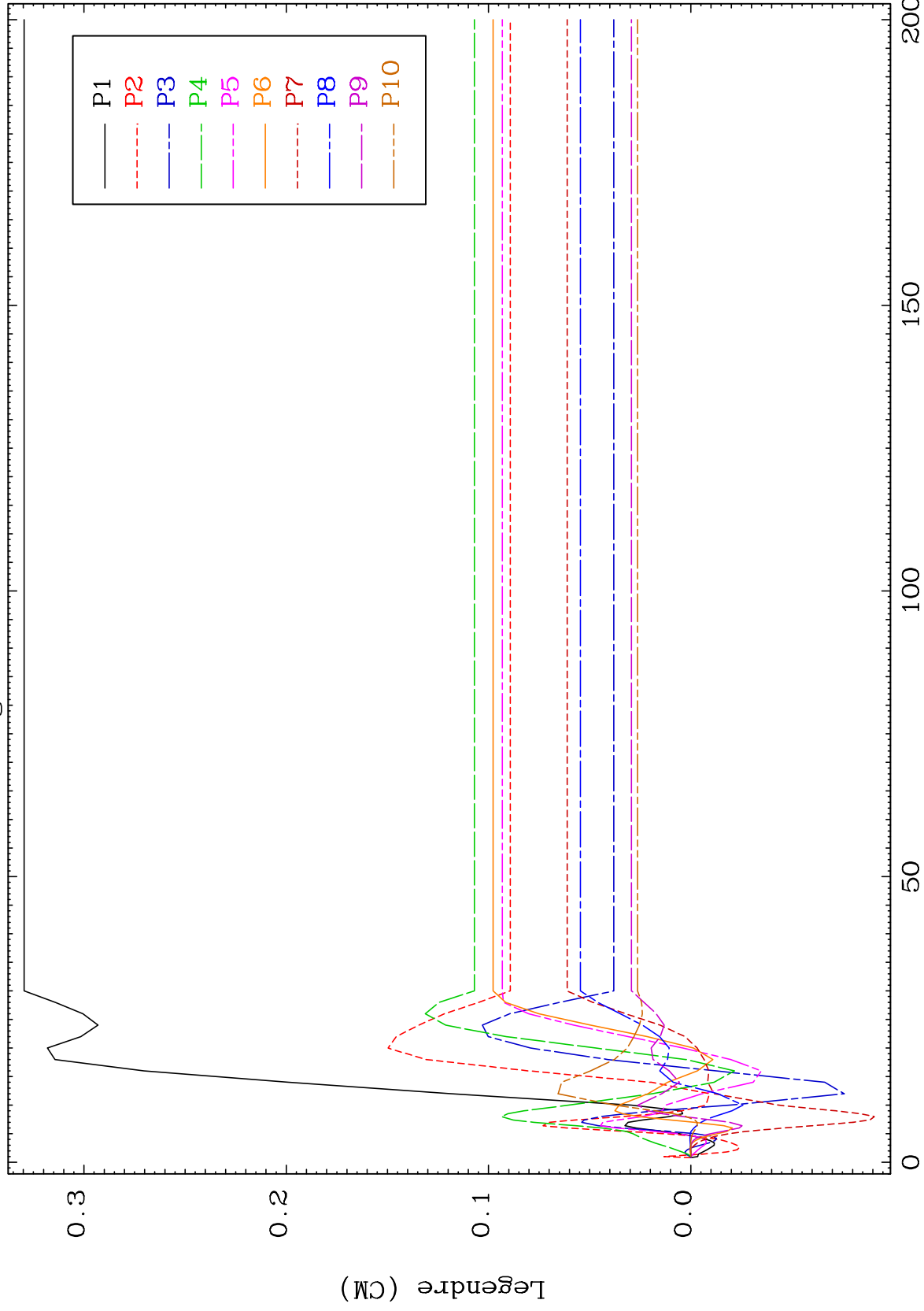
50



MAT 8140

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

81-T1-208



52

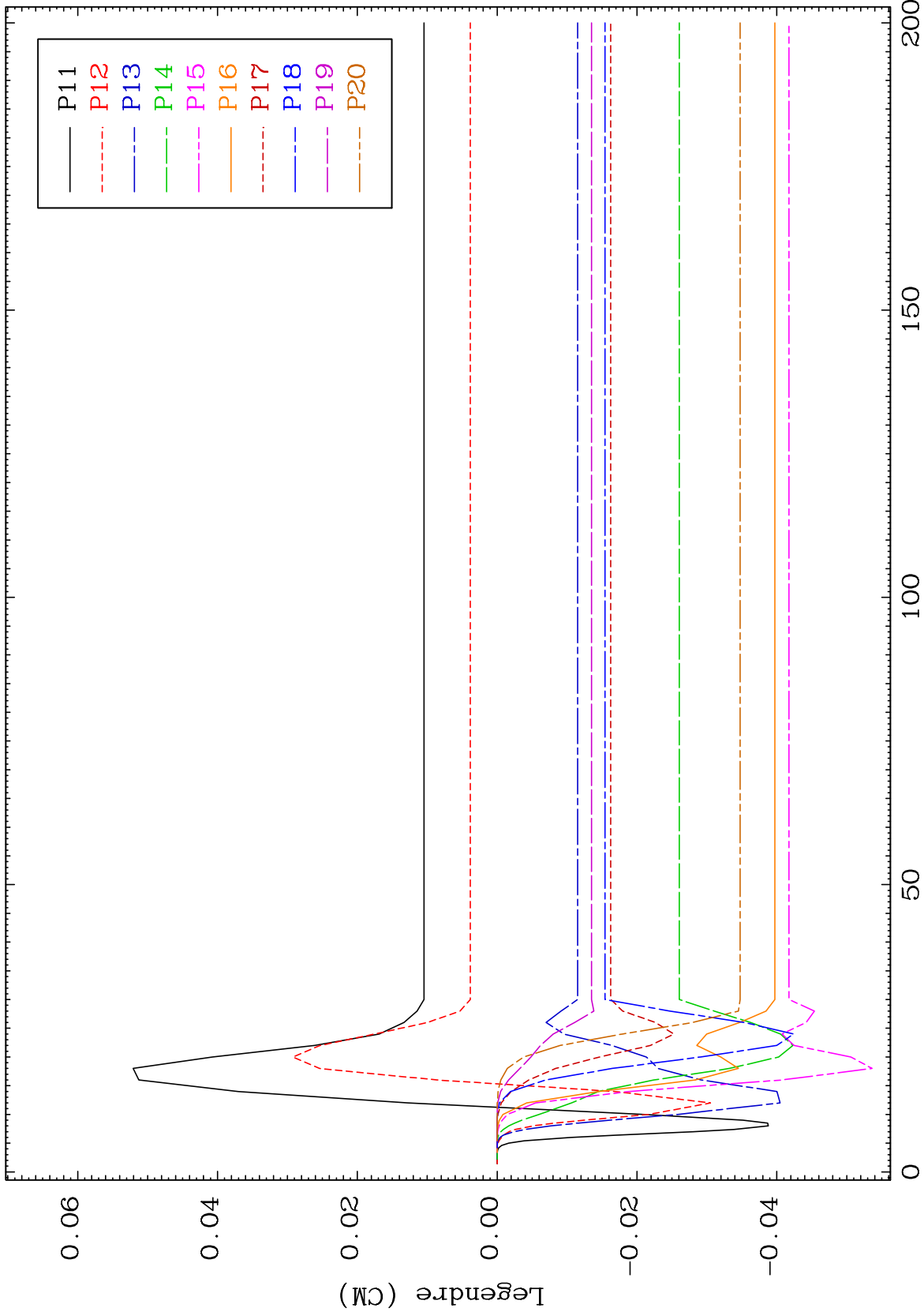
Incident Energy (MeV)

81-T1-208

MAT 8140

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

81-T1-208



53

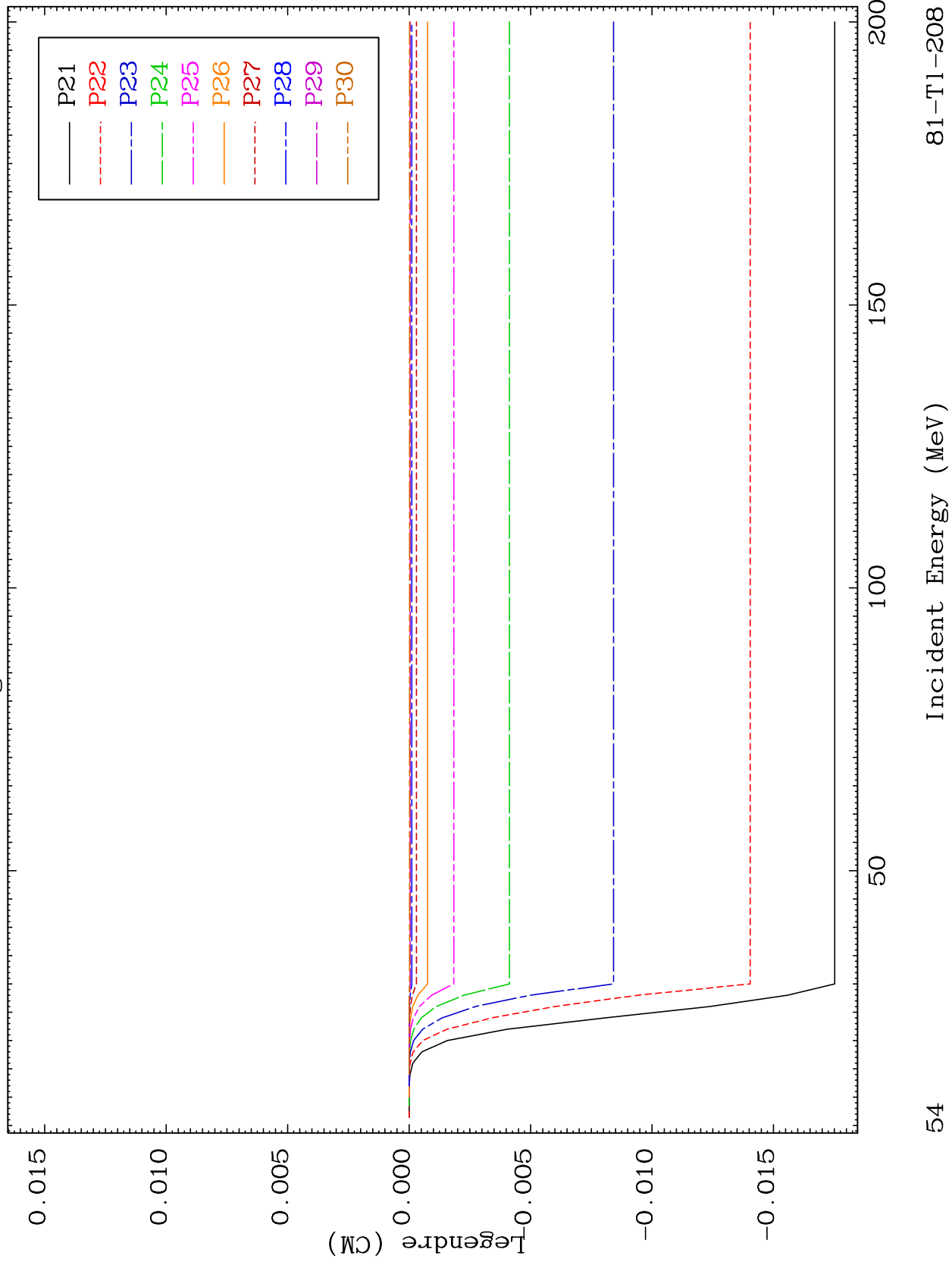
Incident Energy (MeV)

81-T1-208

MAT 8140

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

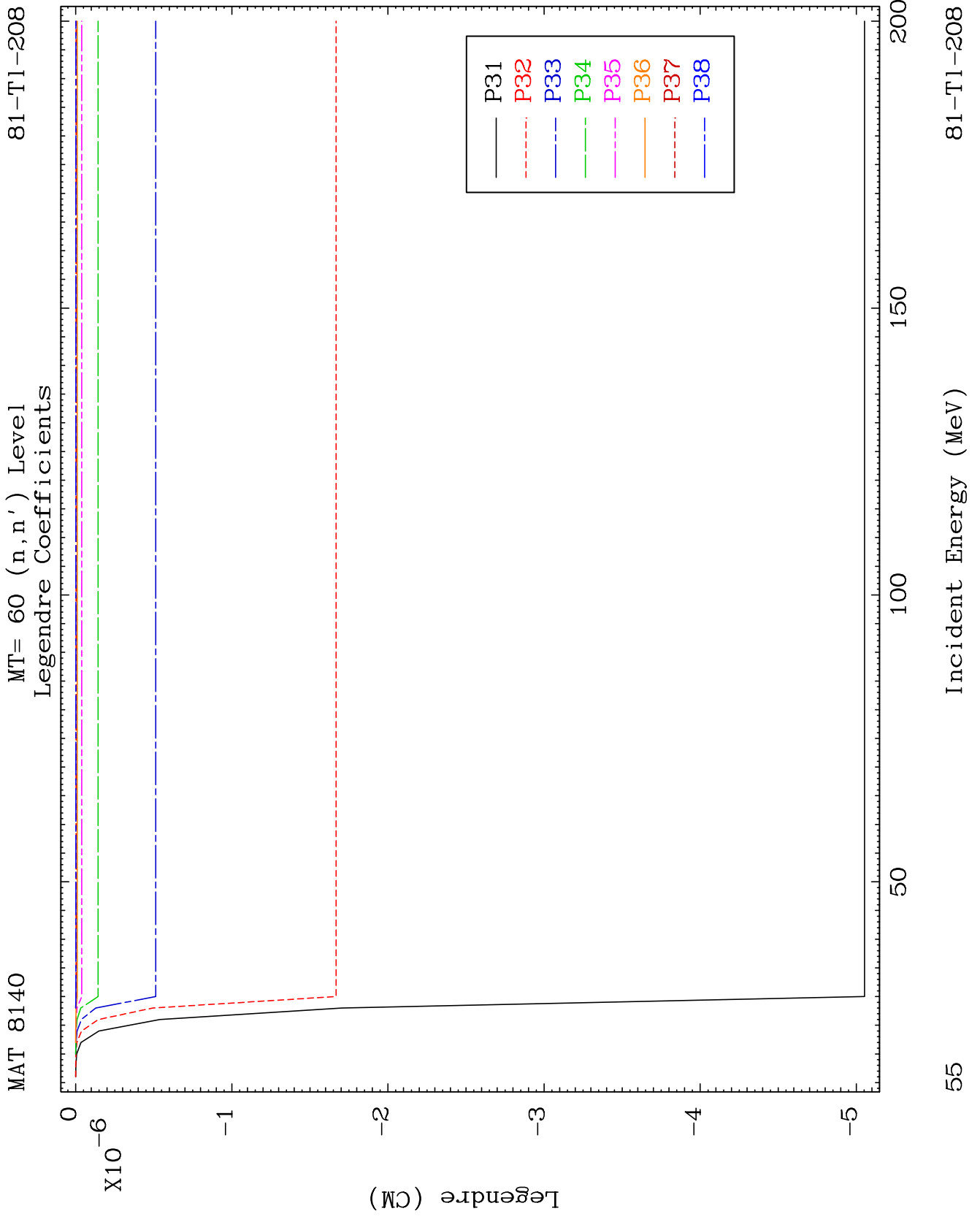
81-T1-208



54

Incident Energy (MeV)

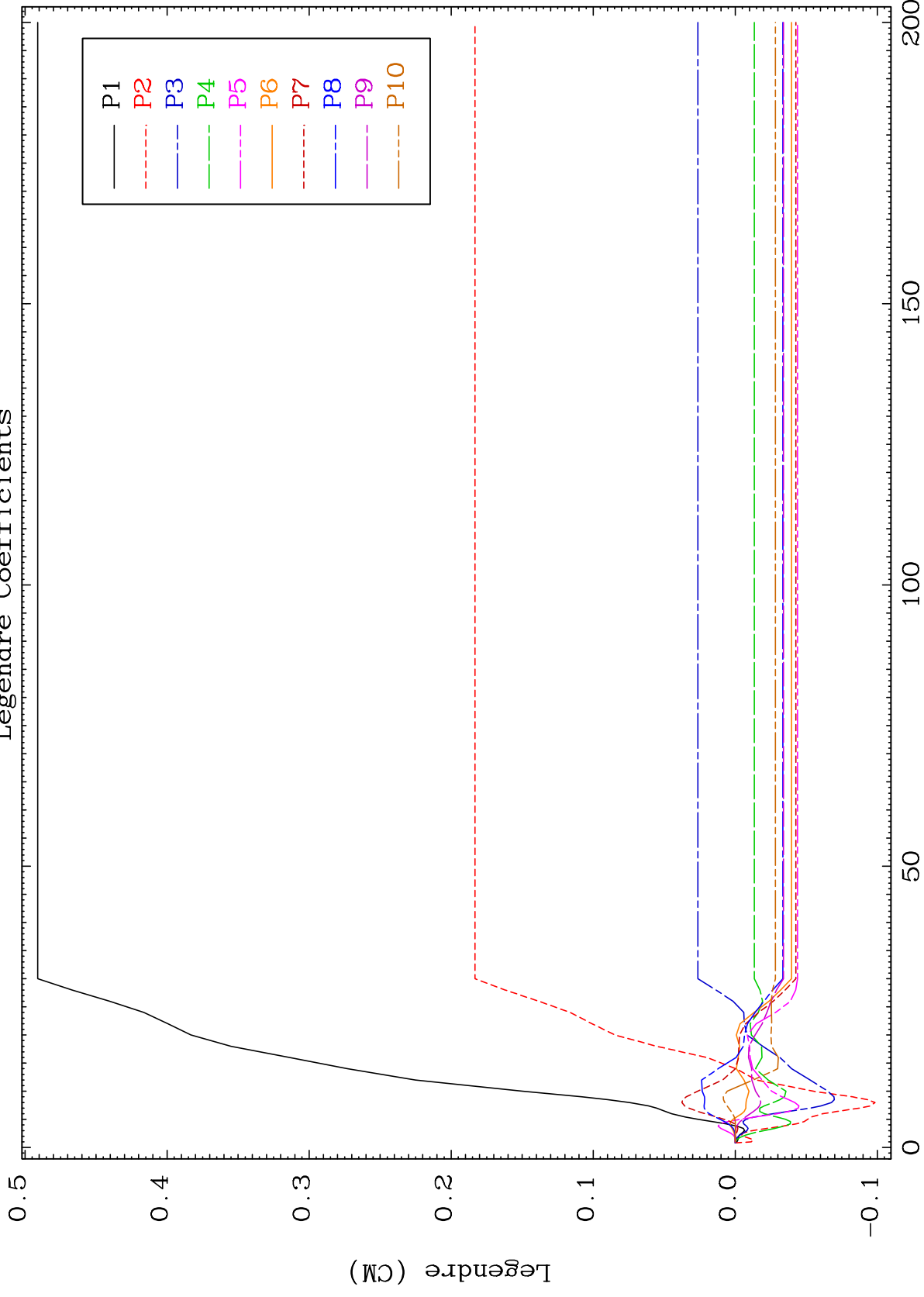
81-T1-208



MAT 8140

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

81-T1-208



56

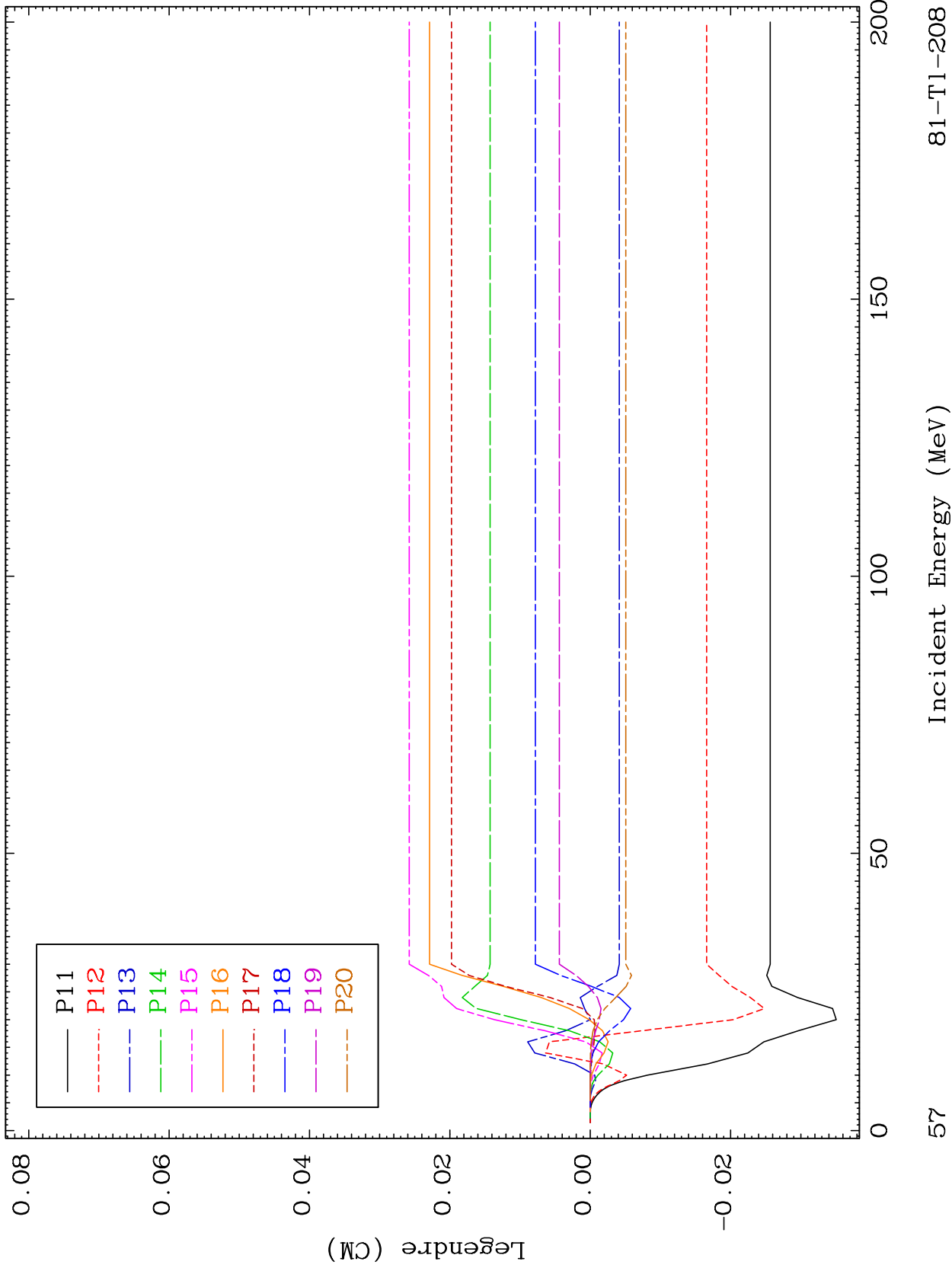
Incident Energy (MeV)

81-T1-208

MAT 8140

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

81-T1-208



57

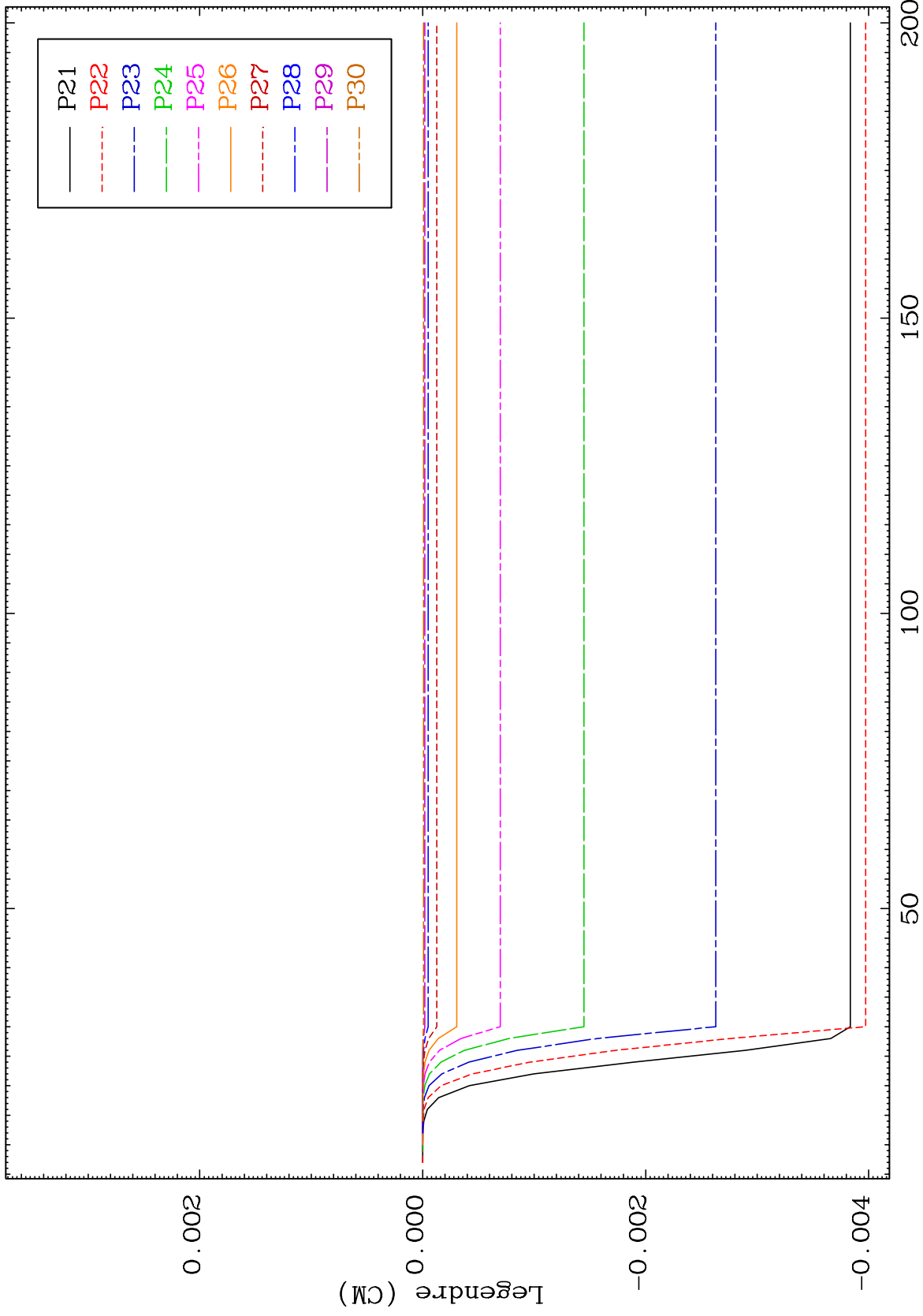
Incident Energy (MeV)

81-T1-208

MAT 8140

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

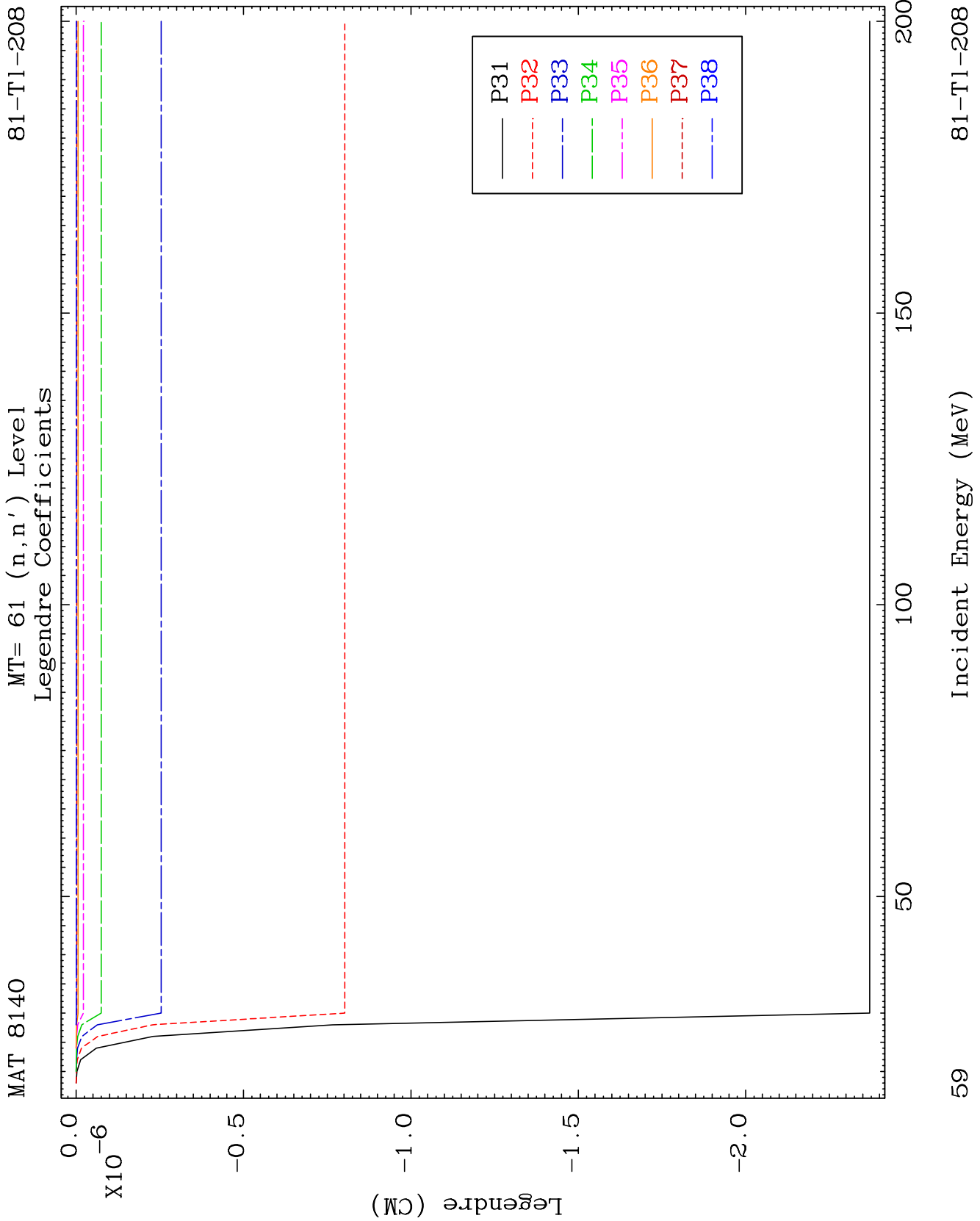
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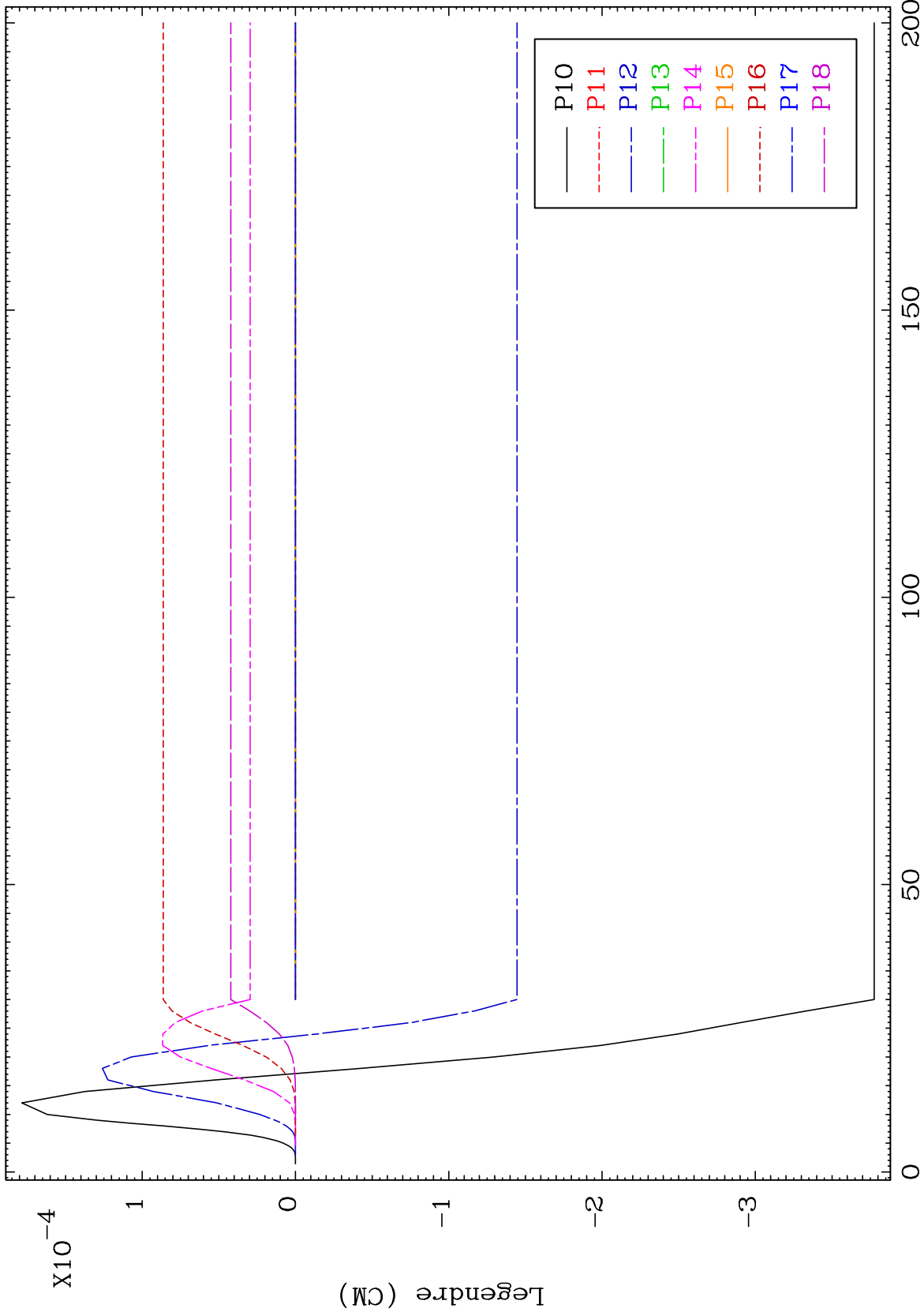


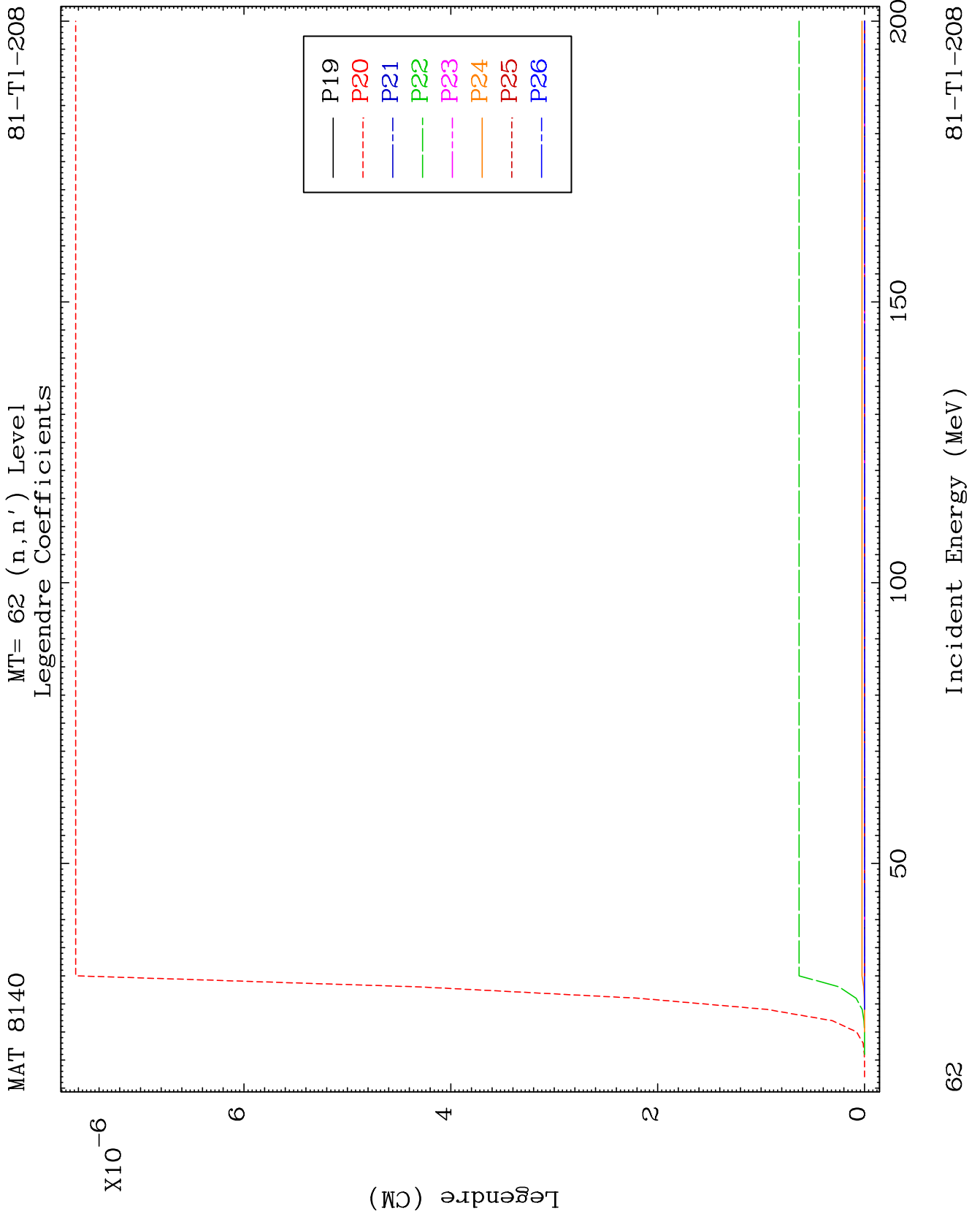
58

Incident Energy (MeV)

81-Tl-208



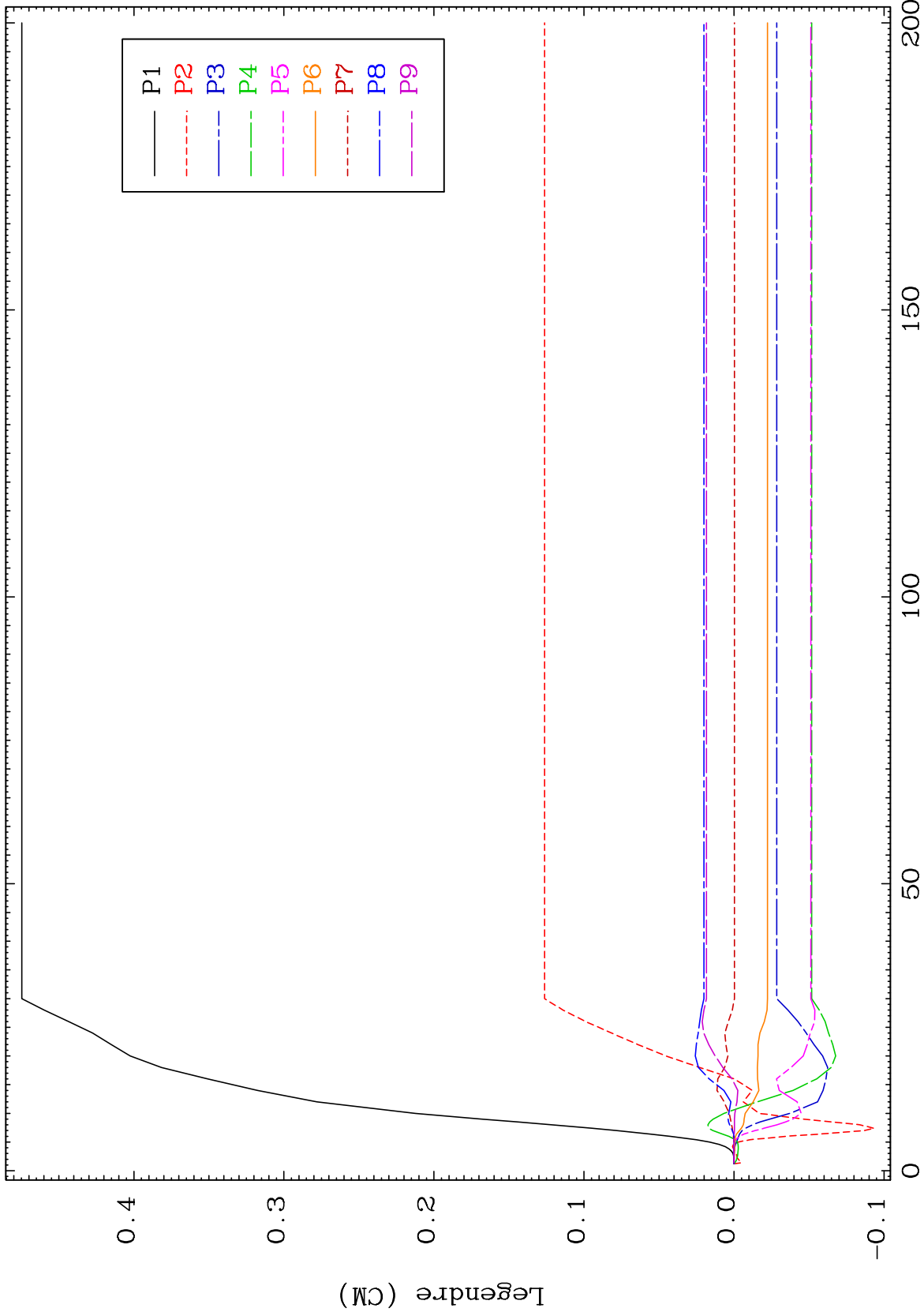




MAT 8140

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

81-T1-208



63

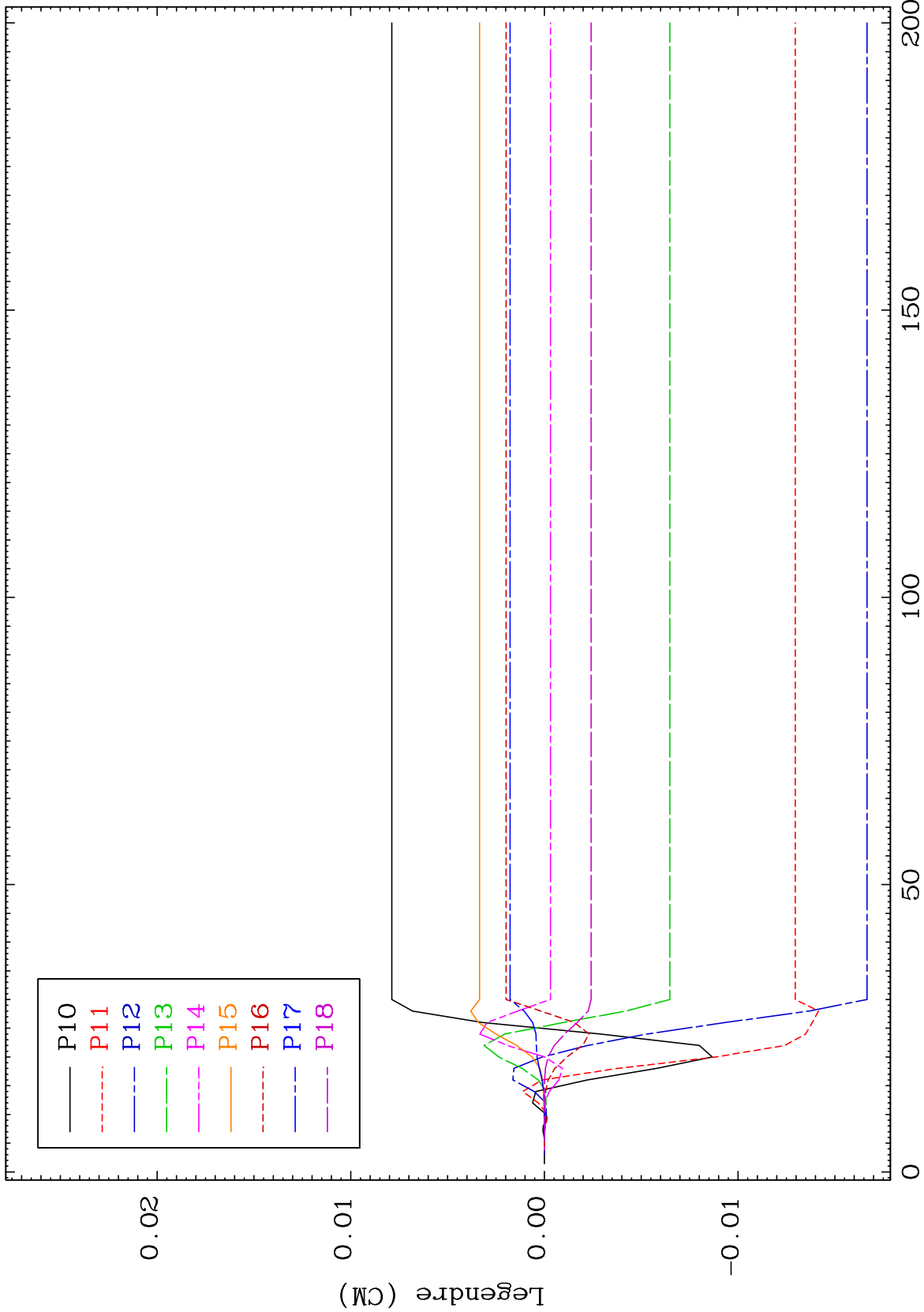
Incident Energy (MeV)

81-T1-208

MAT 8140

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

81-T1-208



64

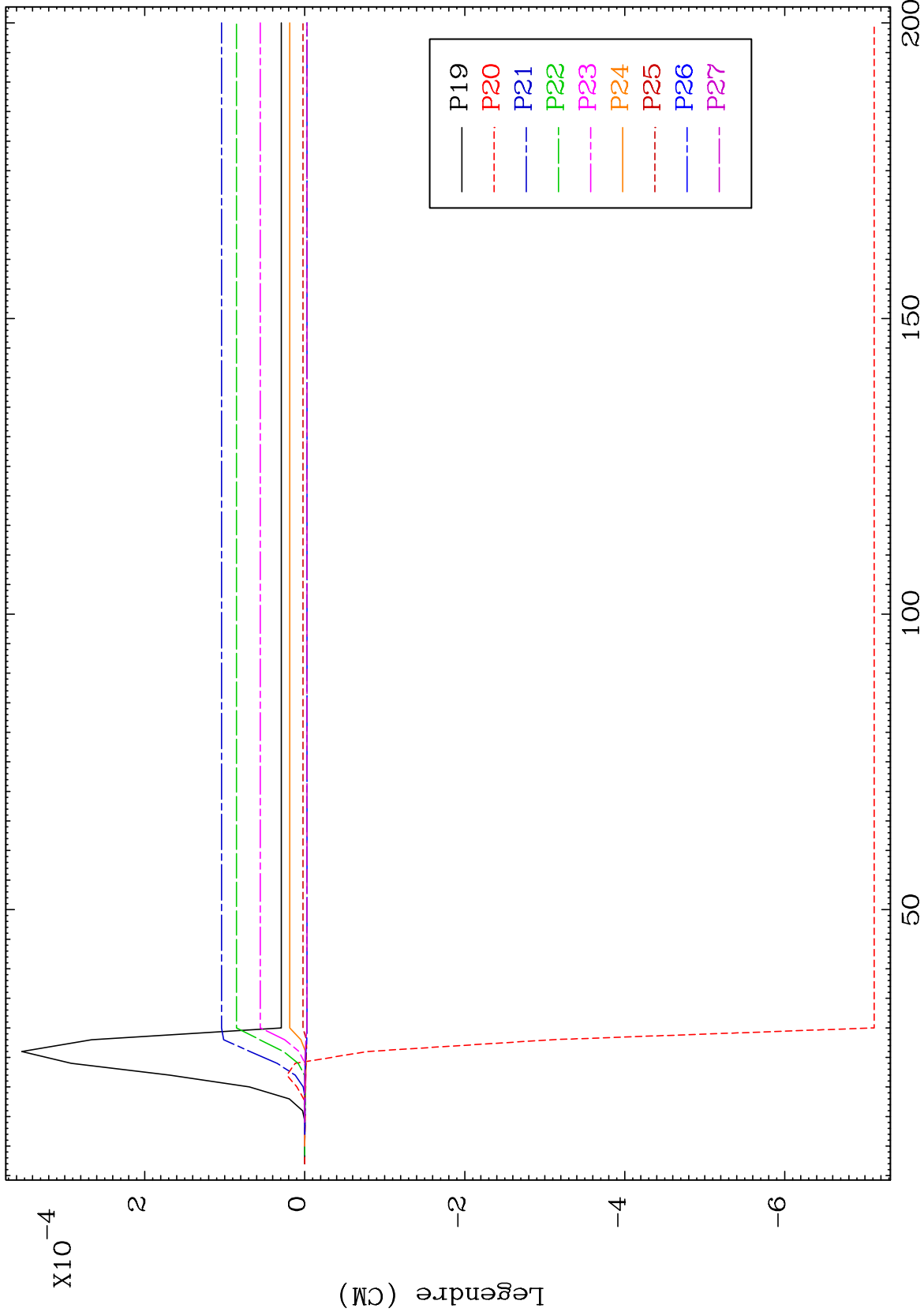
Incident Energy (MeV)

81-T1-208

MAT 8140

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

81-T1-208



65

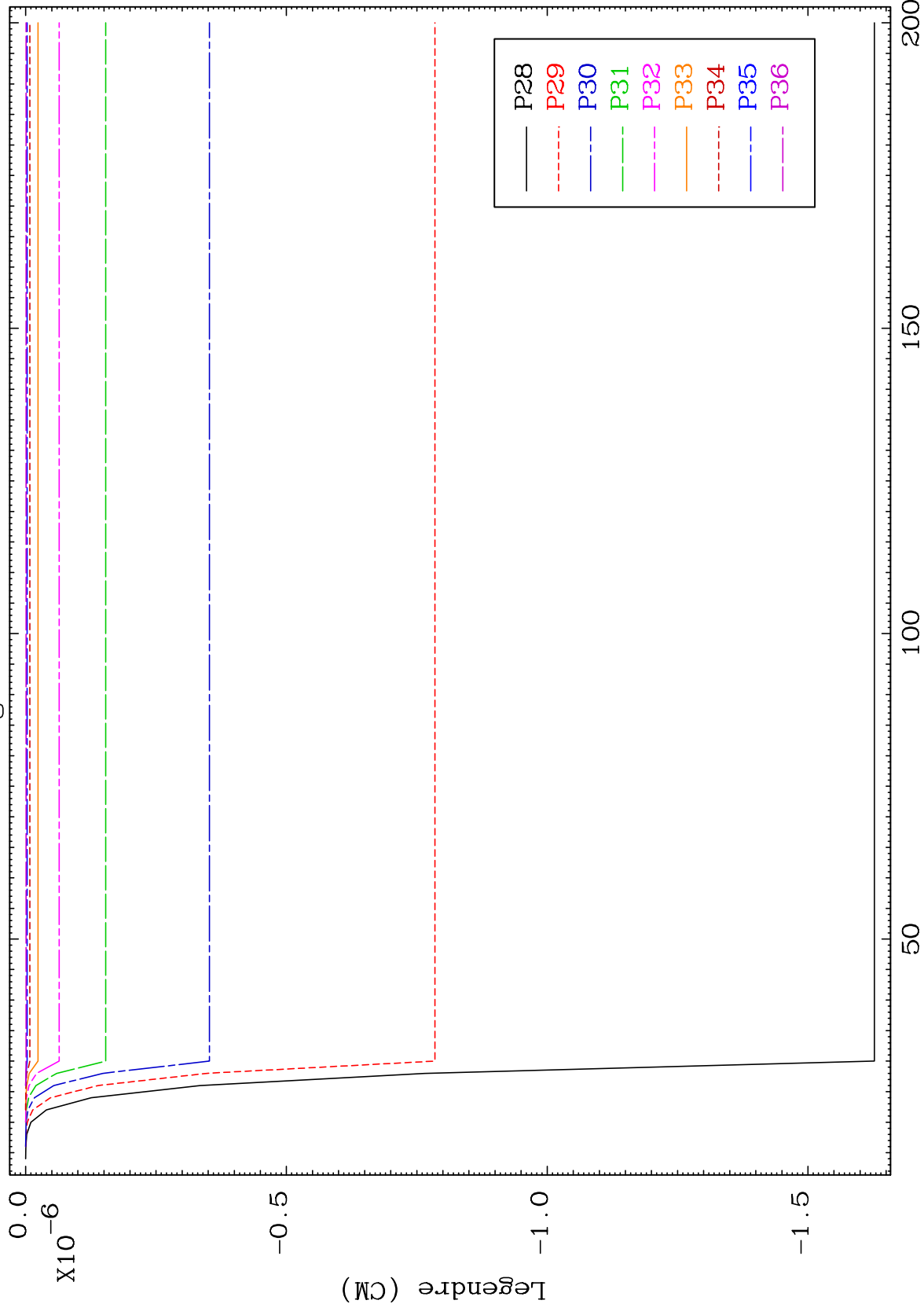
Incident Energy (MeV)

81-T1-208

MAT 8140

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

81-T1-208



66

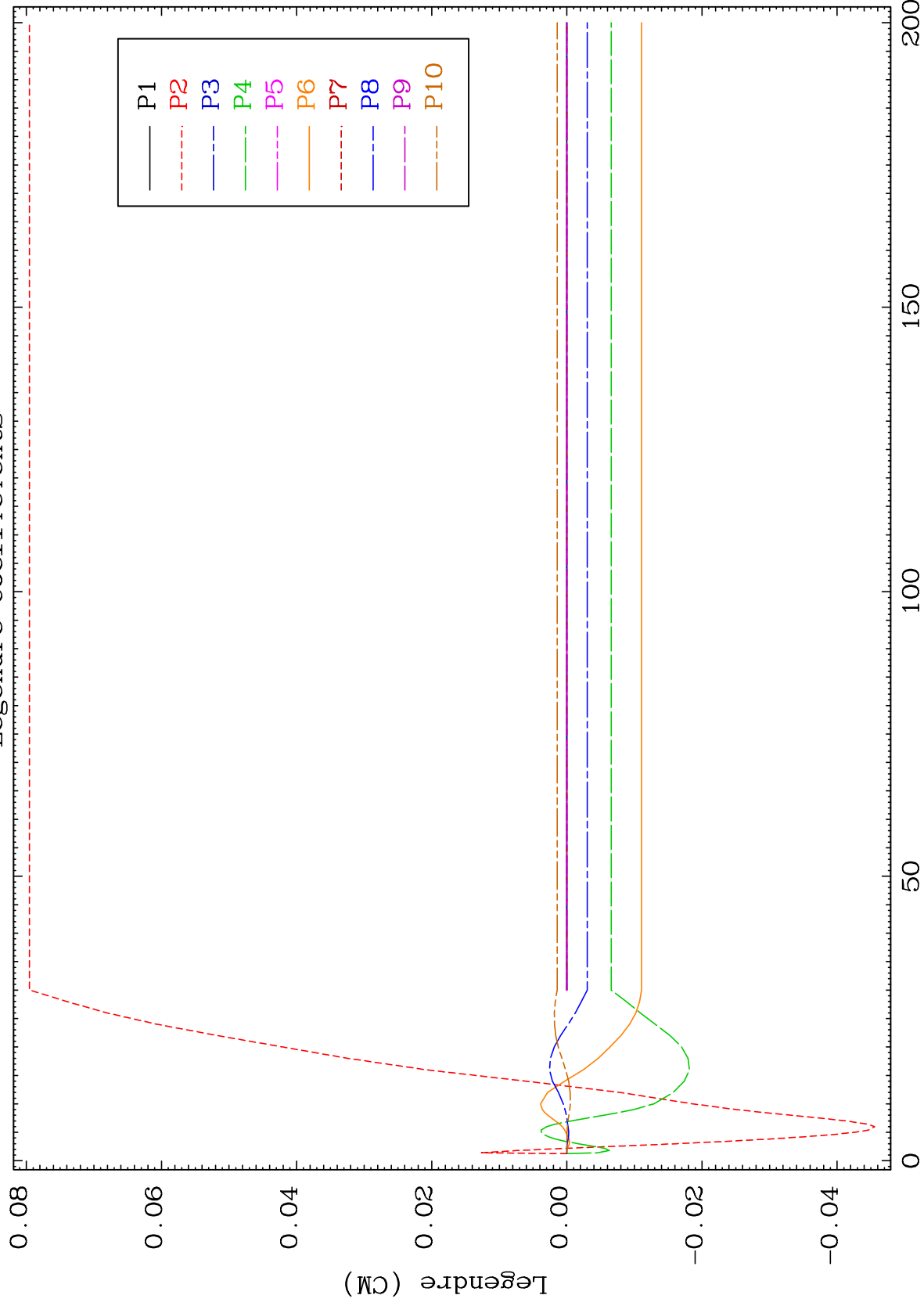
Incident Energy (MeV)

81-T1-208

MAT 8140

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

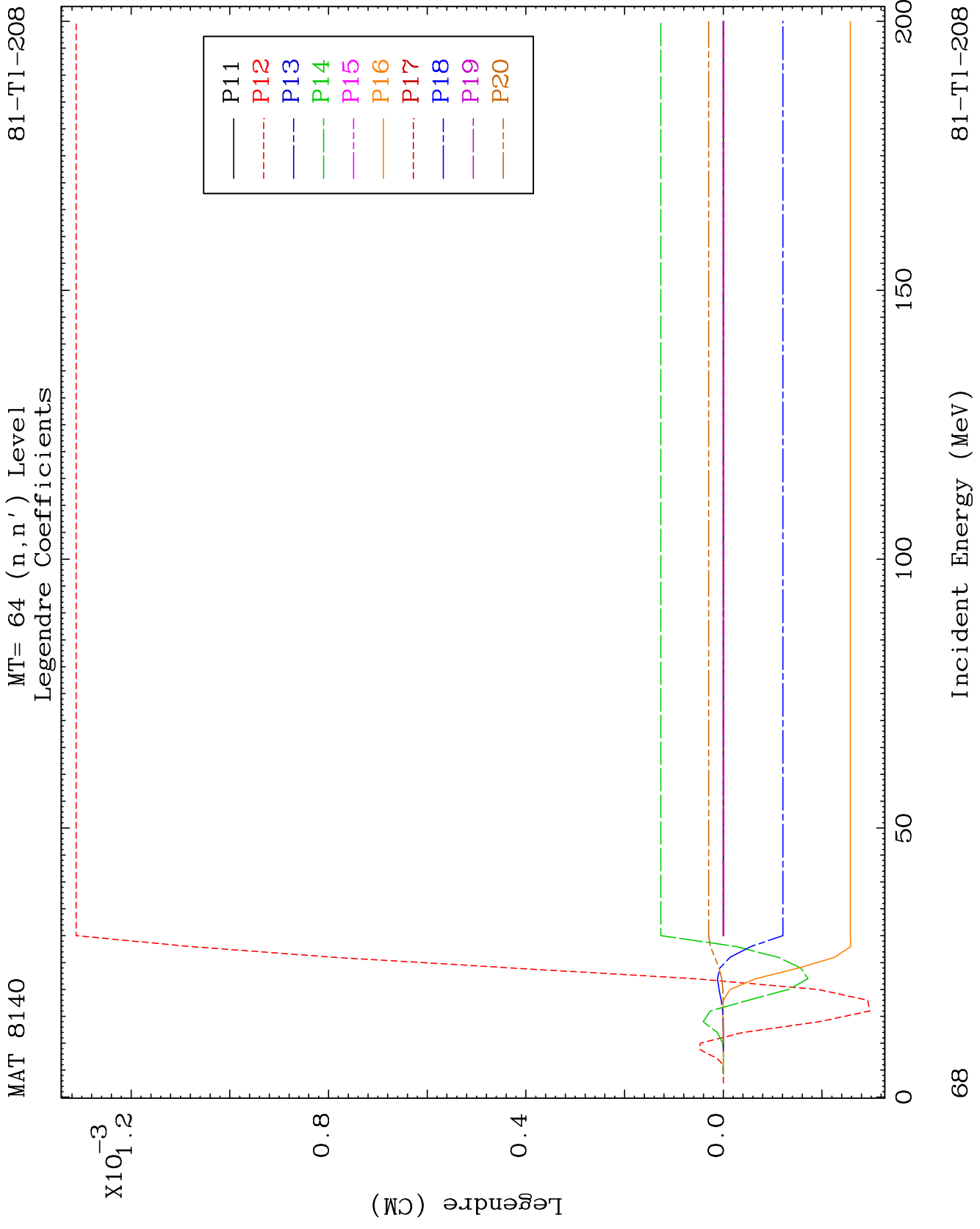
81-T1-208



81-T1-208

Incident Energy (MeV)

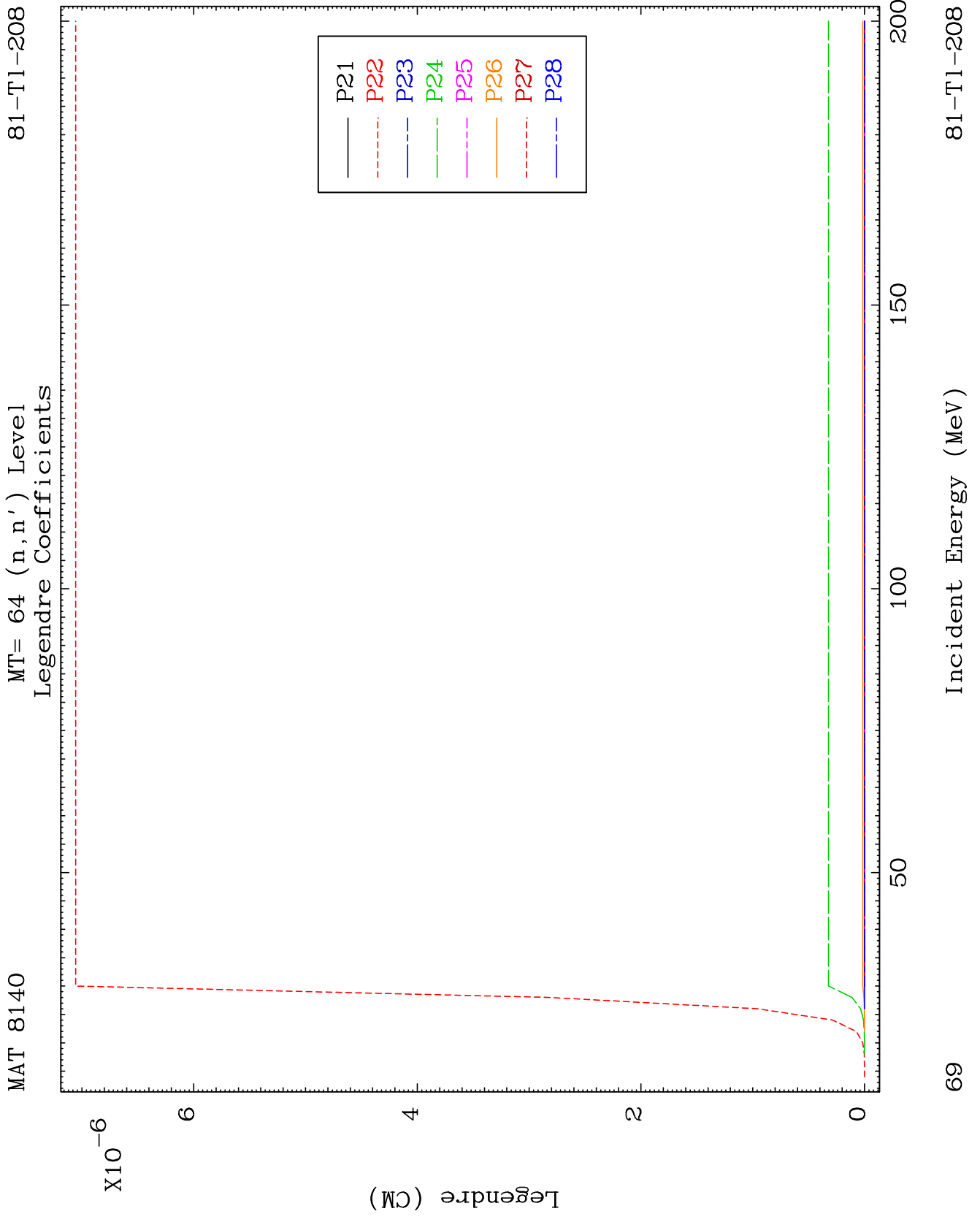
67

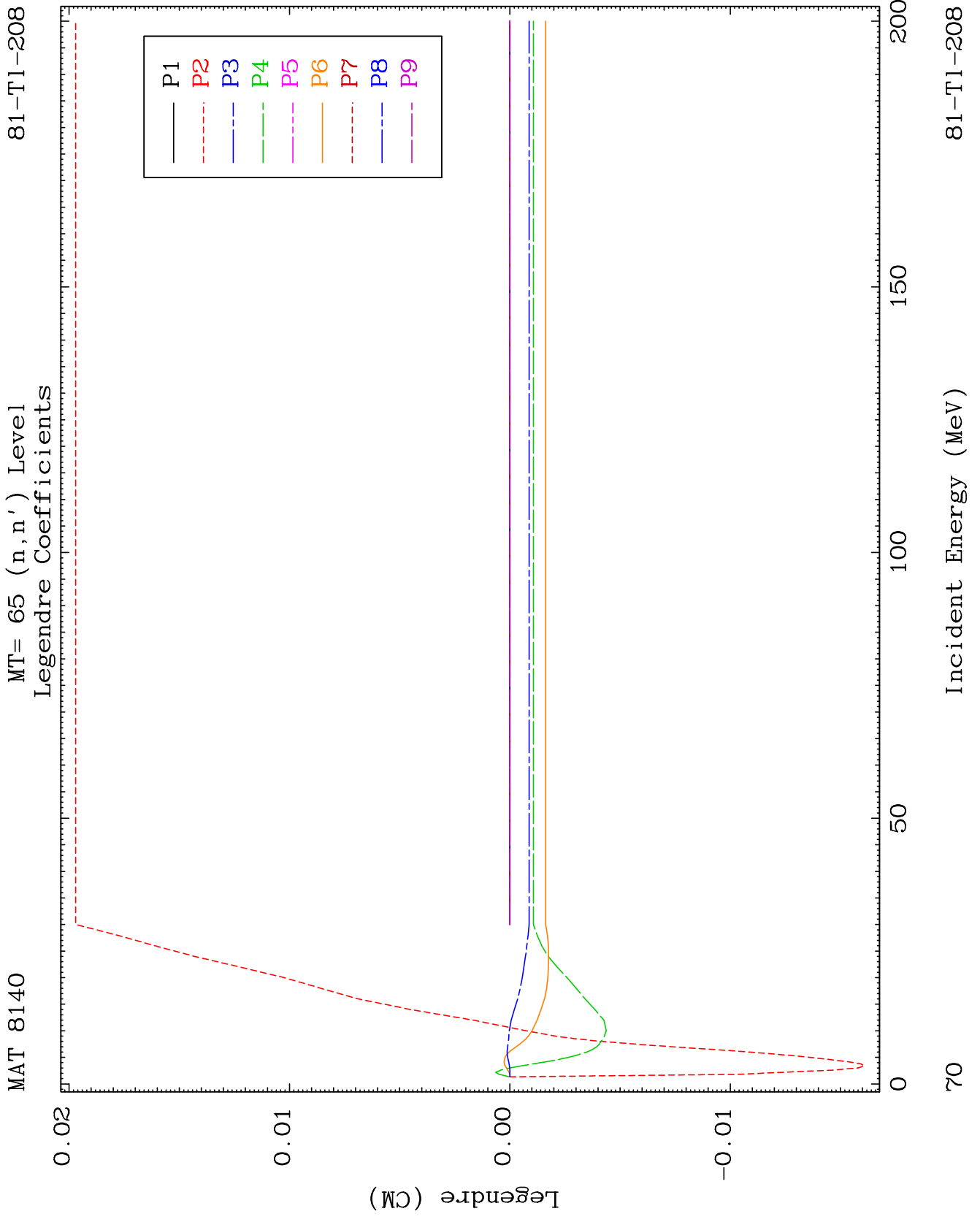


81-Tl-208

Incident Energy (MeV)

68

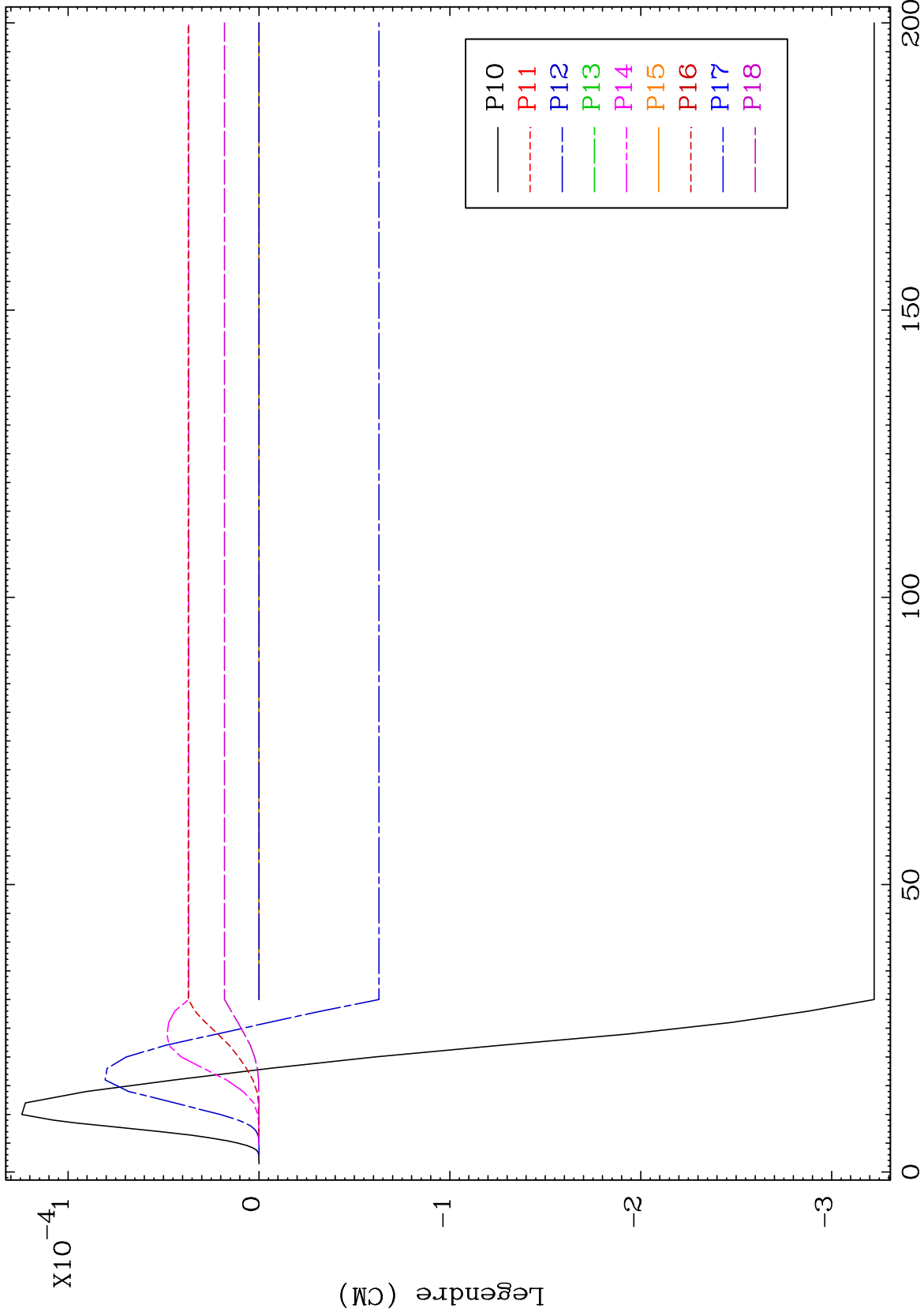




MAT 8140

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

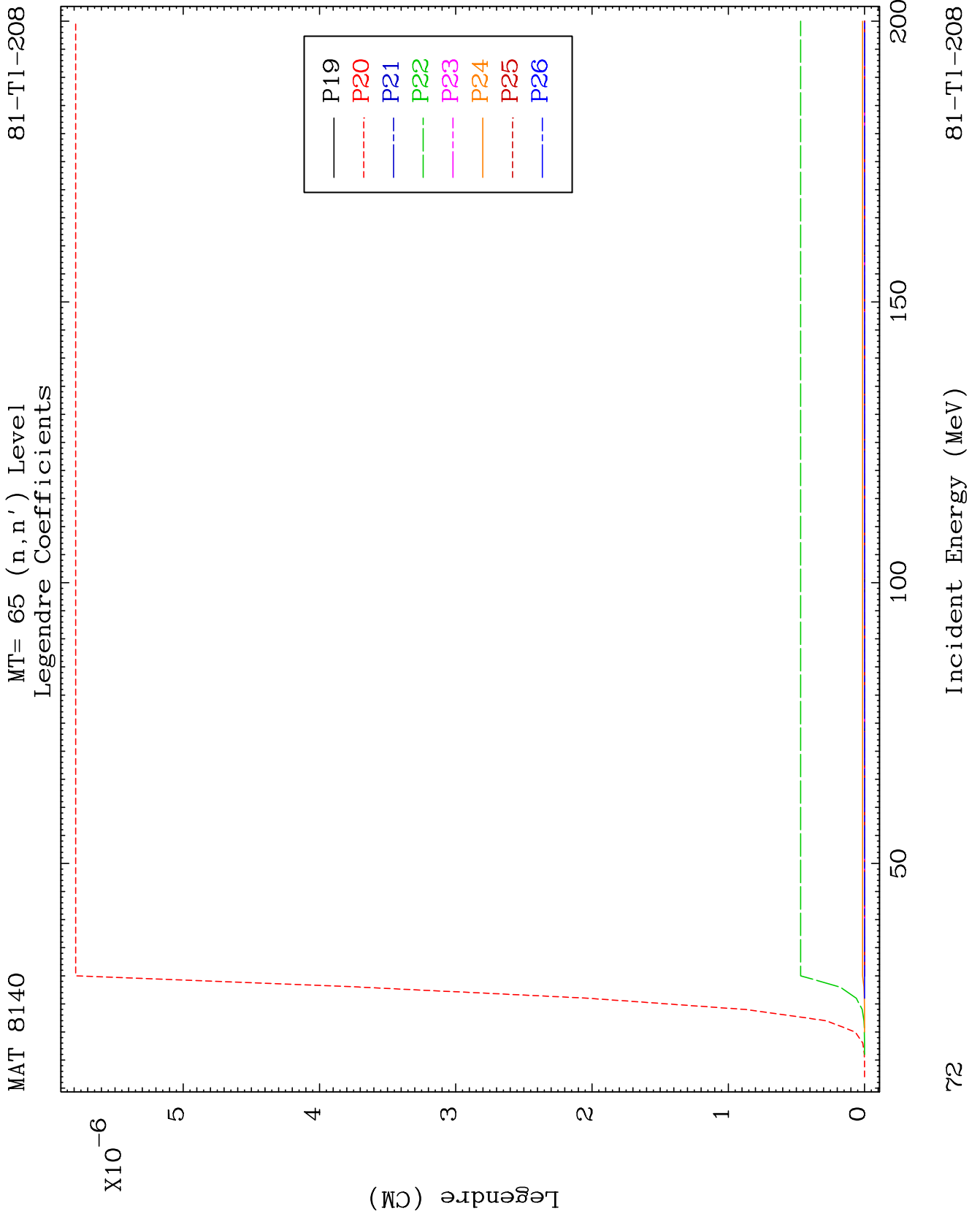
81-T1-208



71

Incident Energy (MeV)

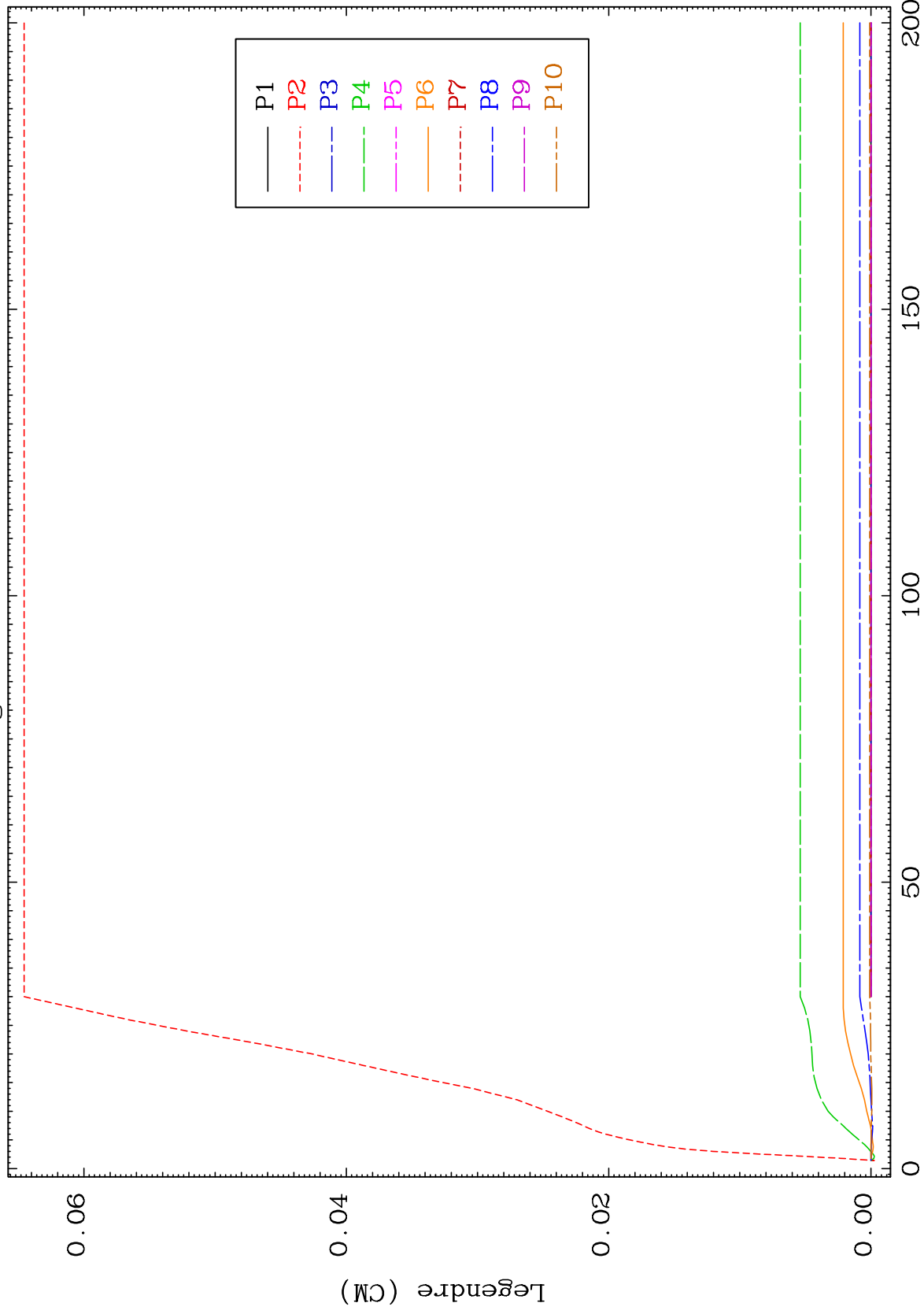
81-T1-208



MAT 8140

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

81-T1-208



73

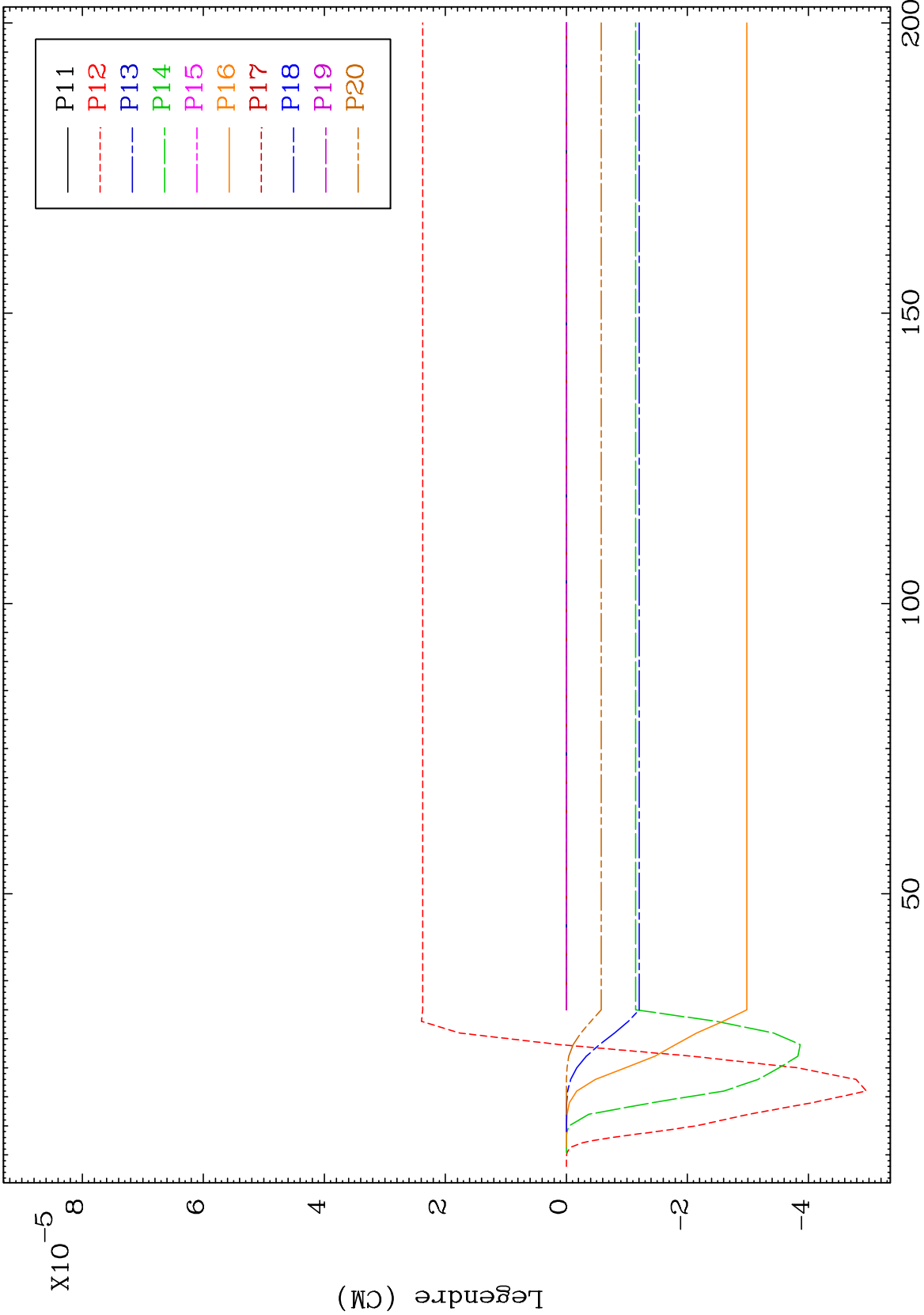
Incident Energy (MeV)

81-T1-208

MAT 8140

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

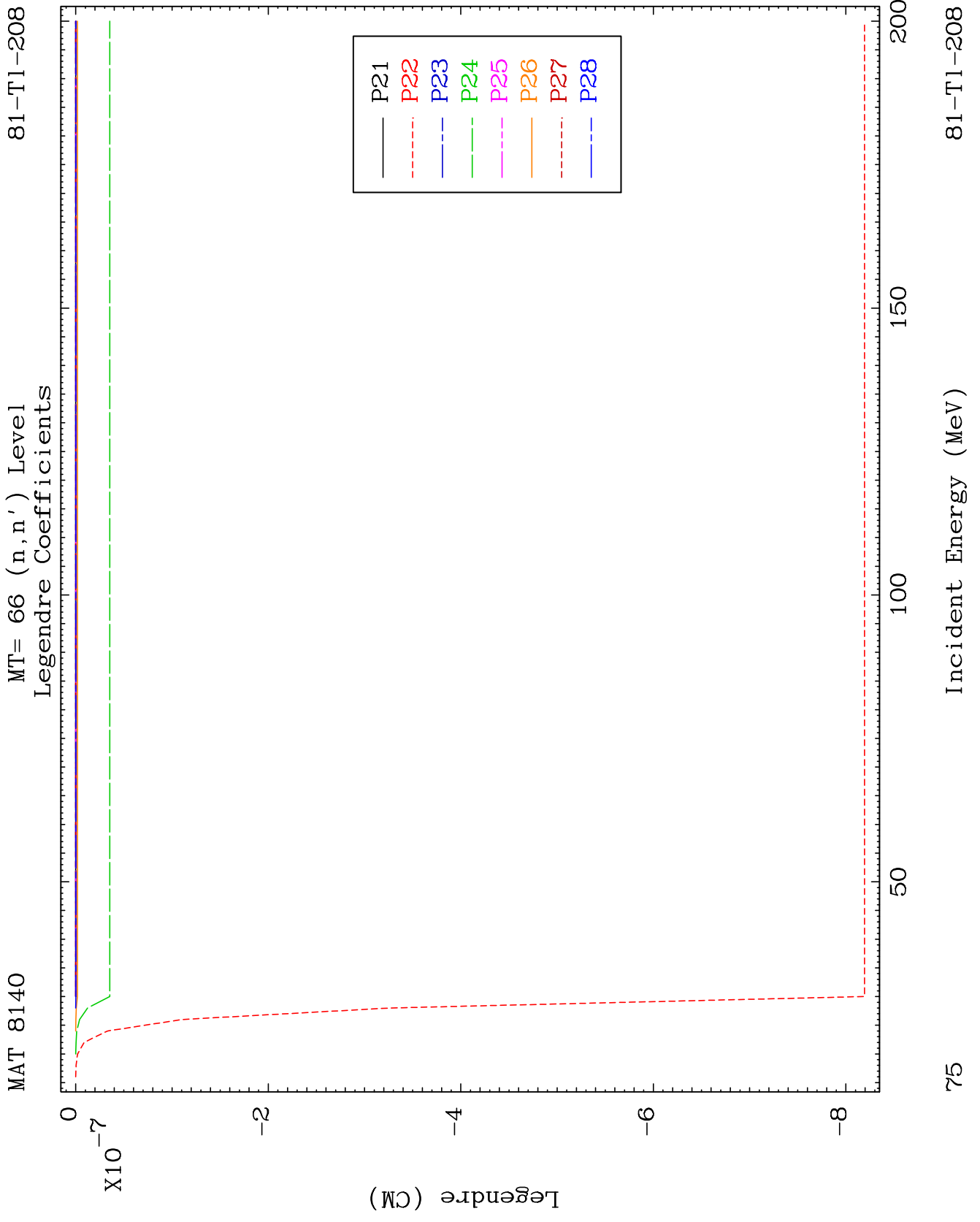
81-T1-208



74

Incident Energy (MeV)

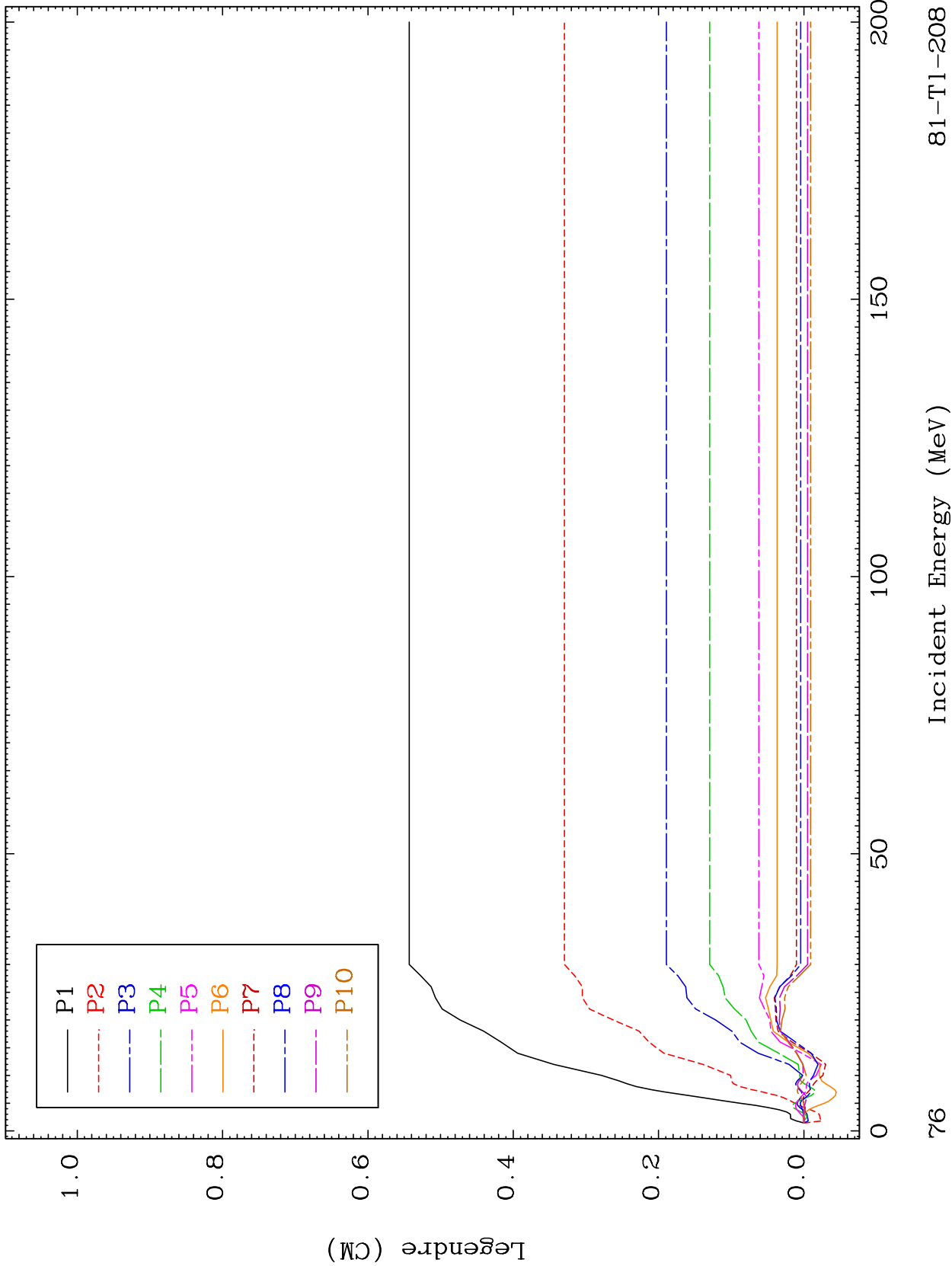
81-T1-208



MAT 8140

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

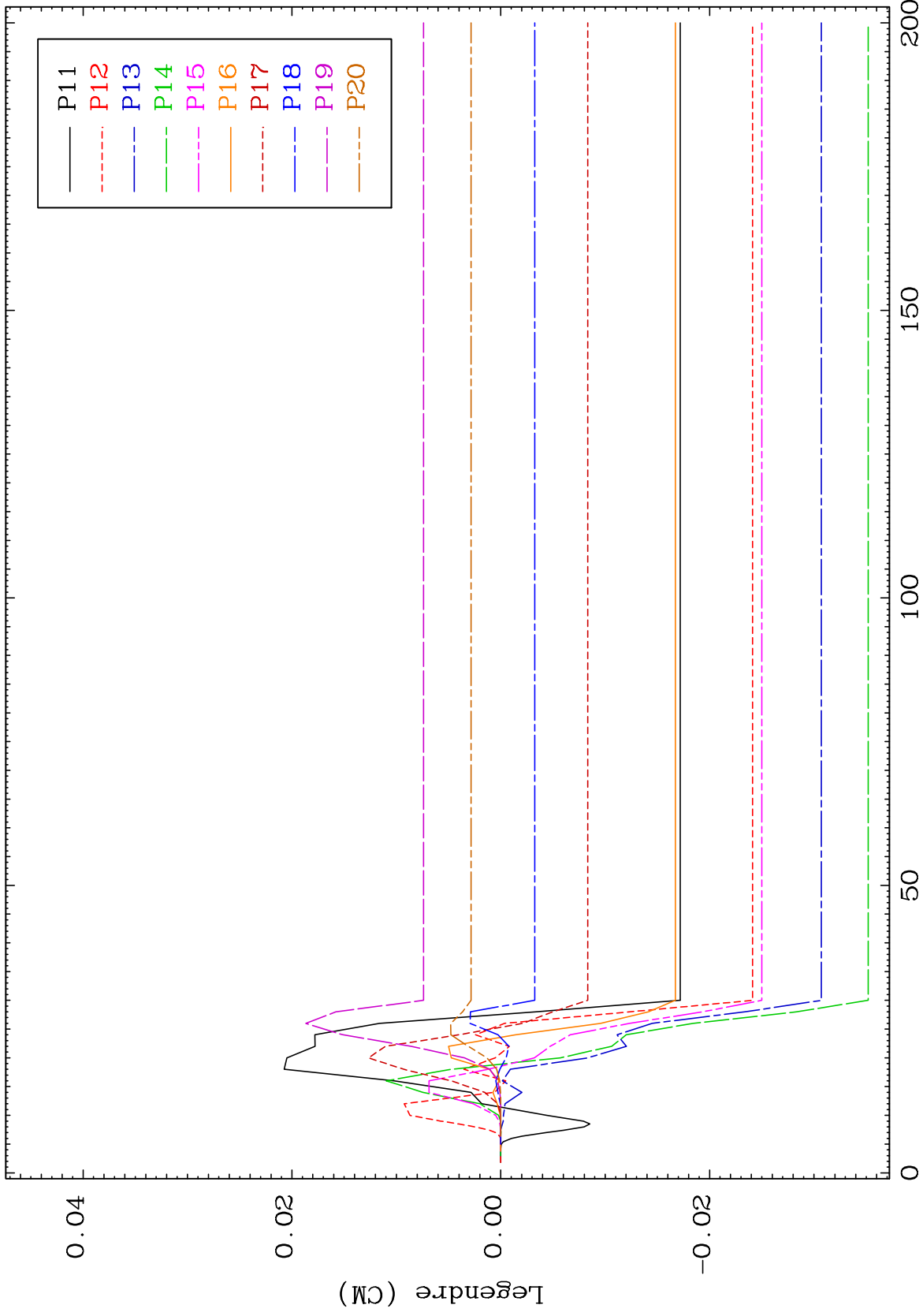
81-T1-208



MAT 8140

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

81-T1-208



77

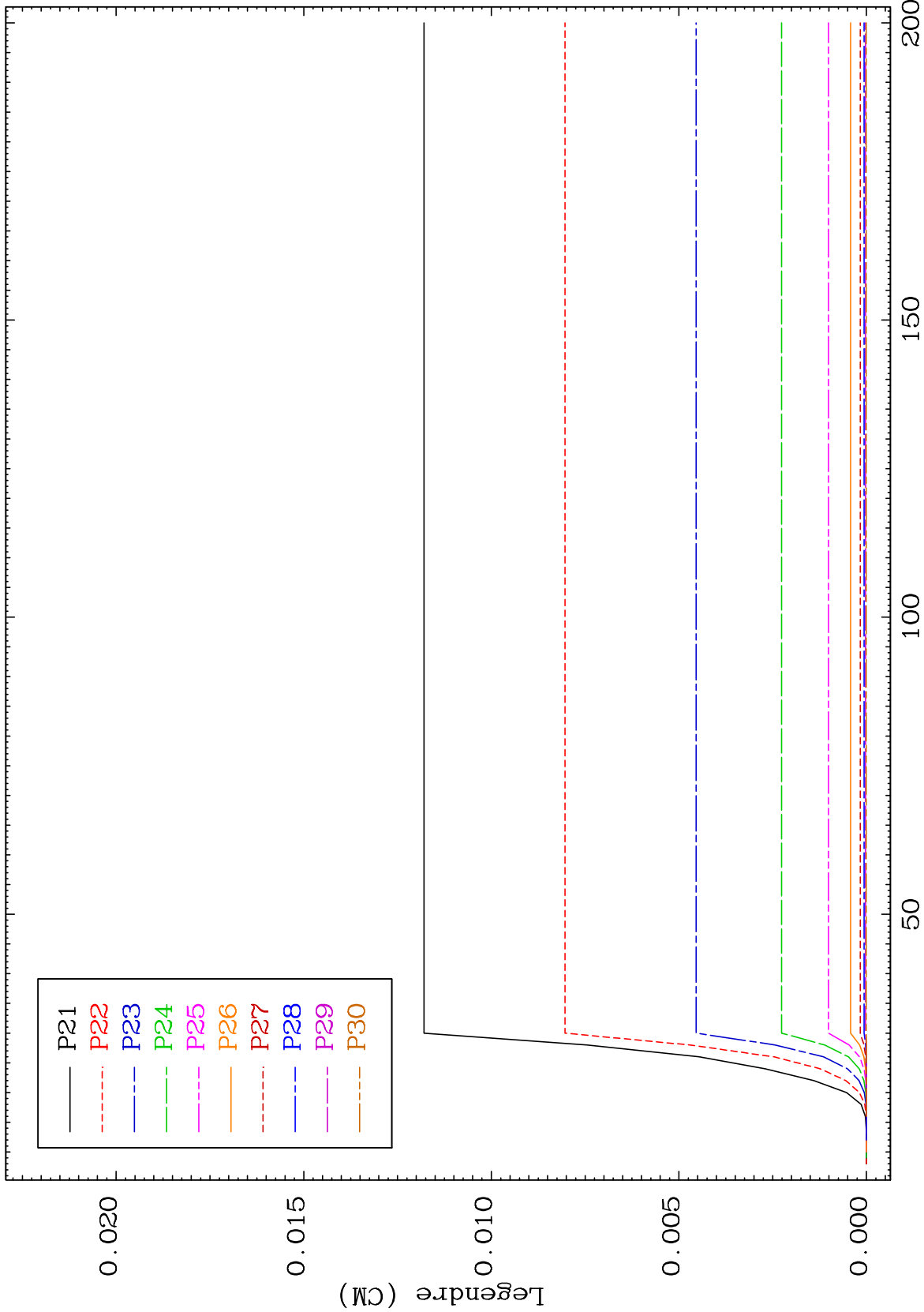
Incident Energy (MeV)

81-T1-208

MAT 8140

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

81-Tl-208



78

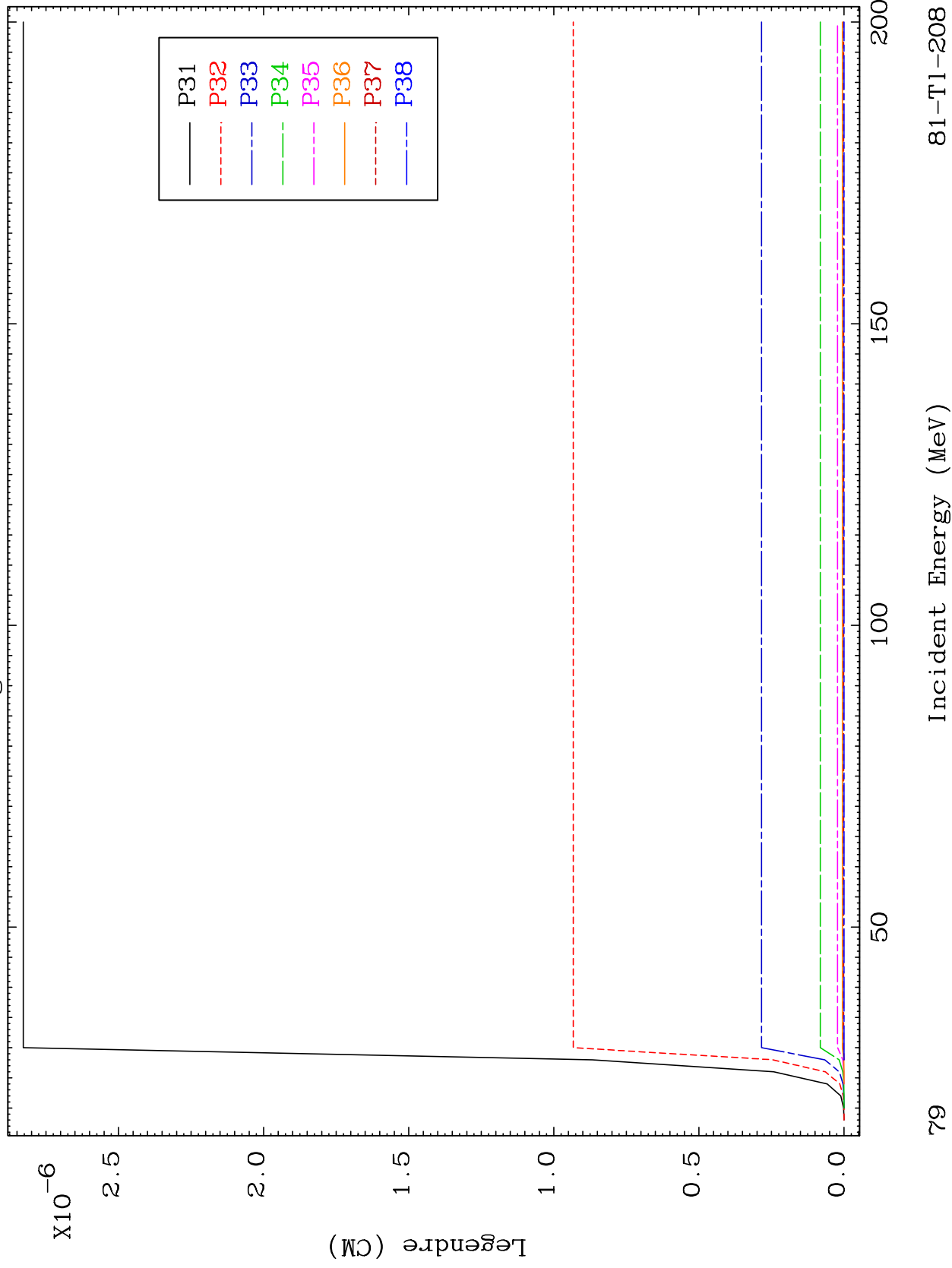
Incident Energy (MeV)

81-Tl-208

MAT 8140

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

81-T1-208



79

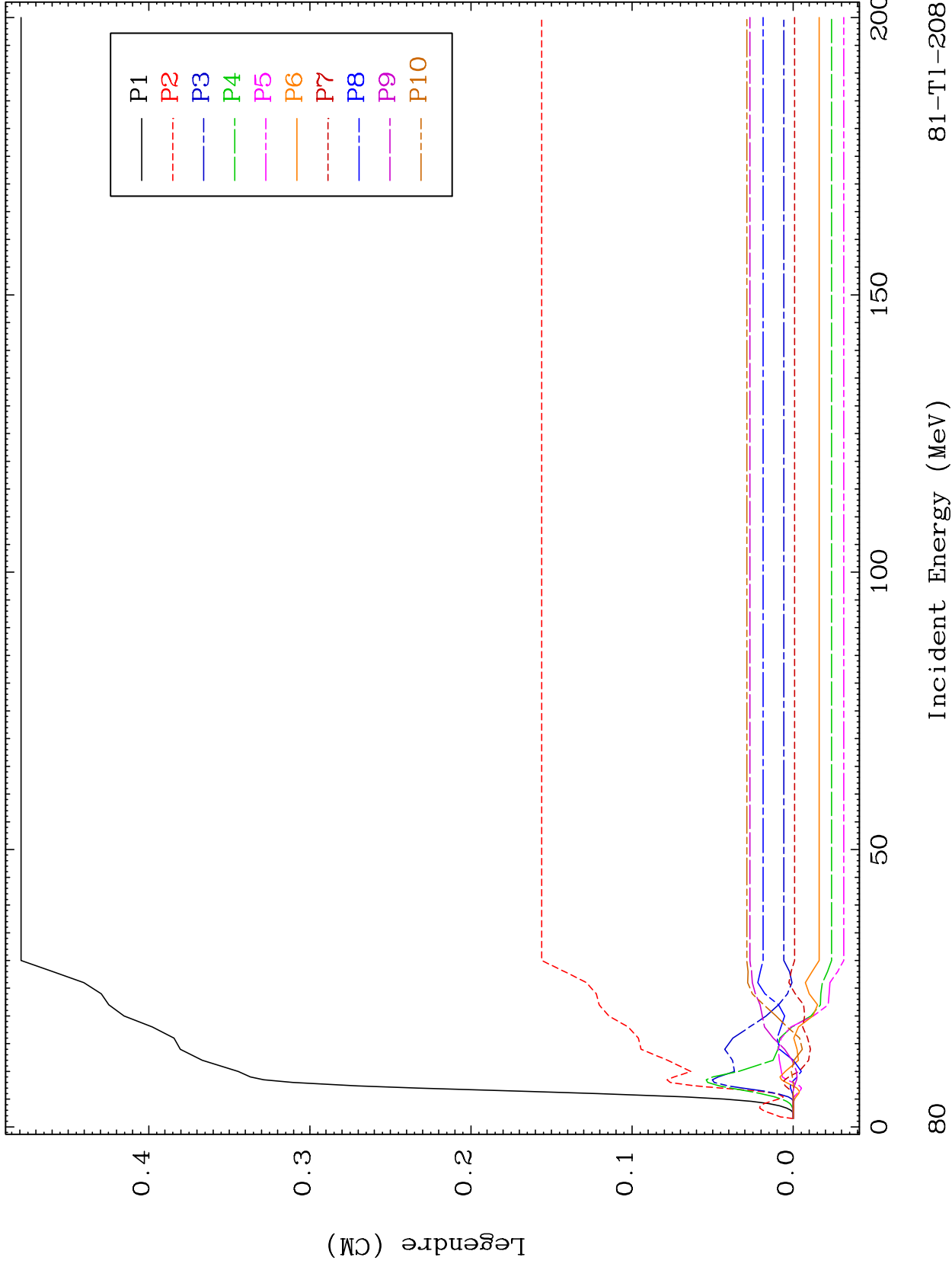
Incident Energy (MeV)

81-T1-208

MAT 8140

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

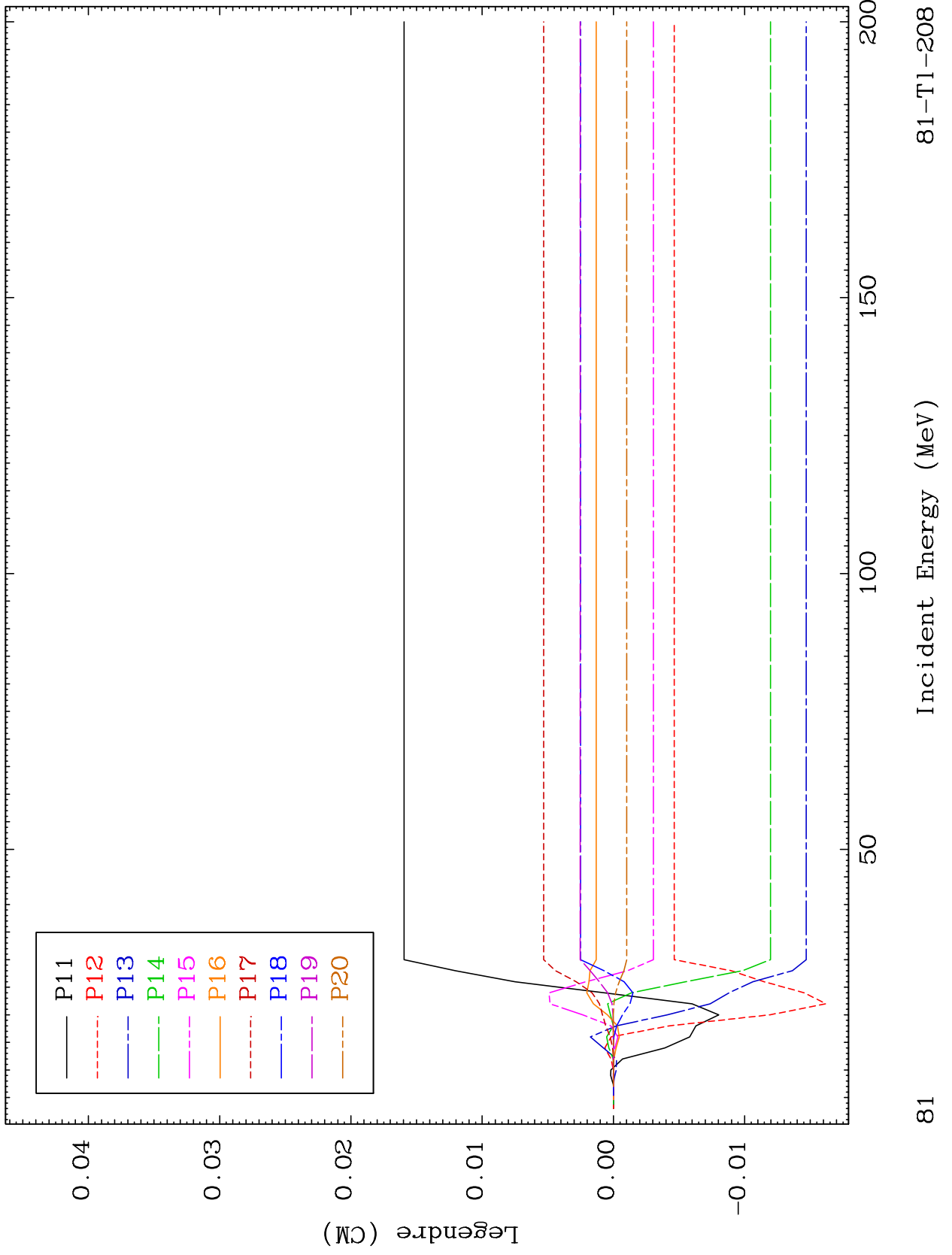
81-T1-208

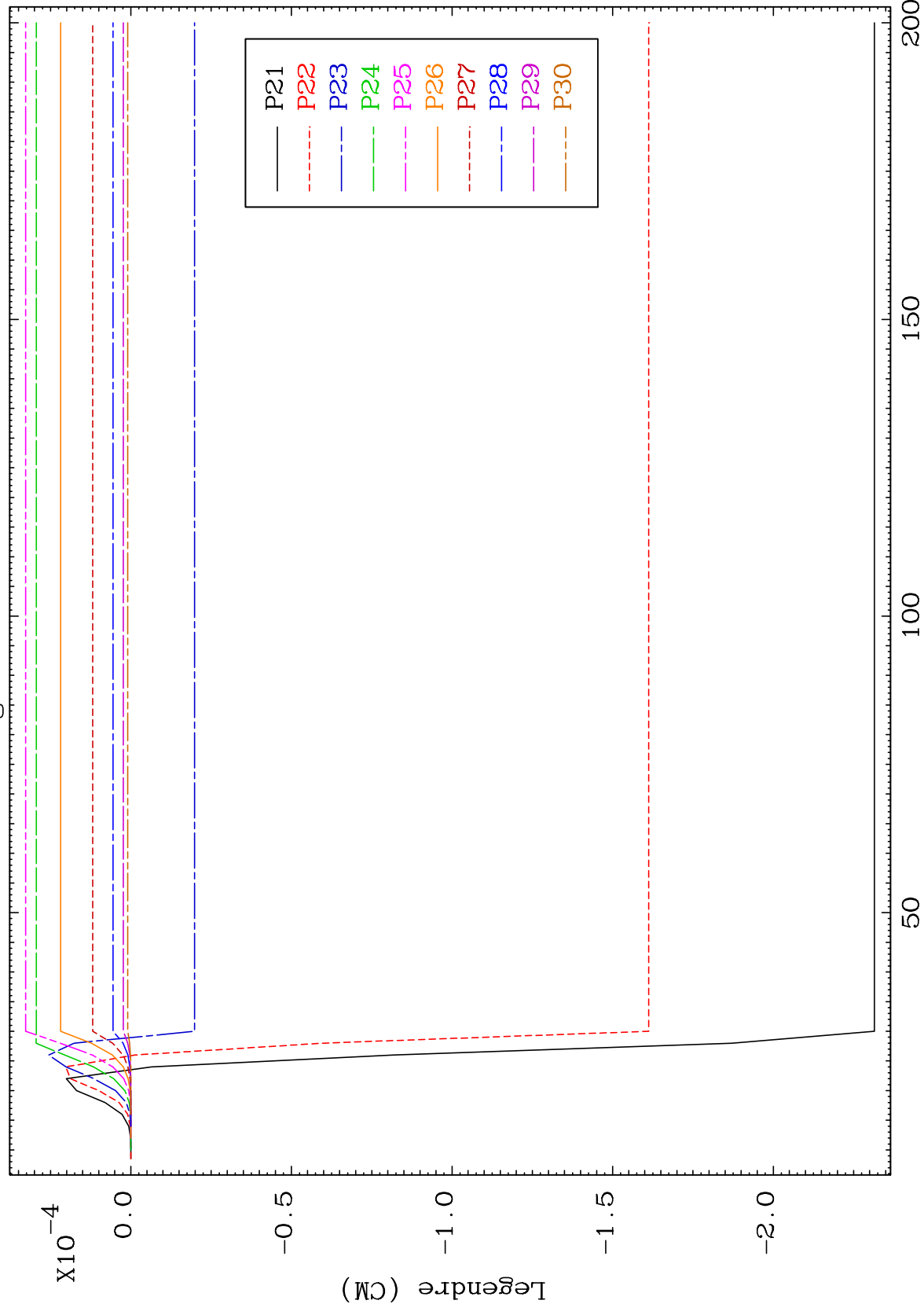


81-T1-208

Incident Energy (MeV)

80

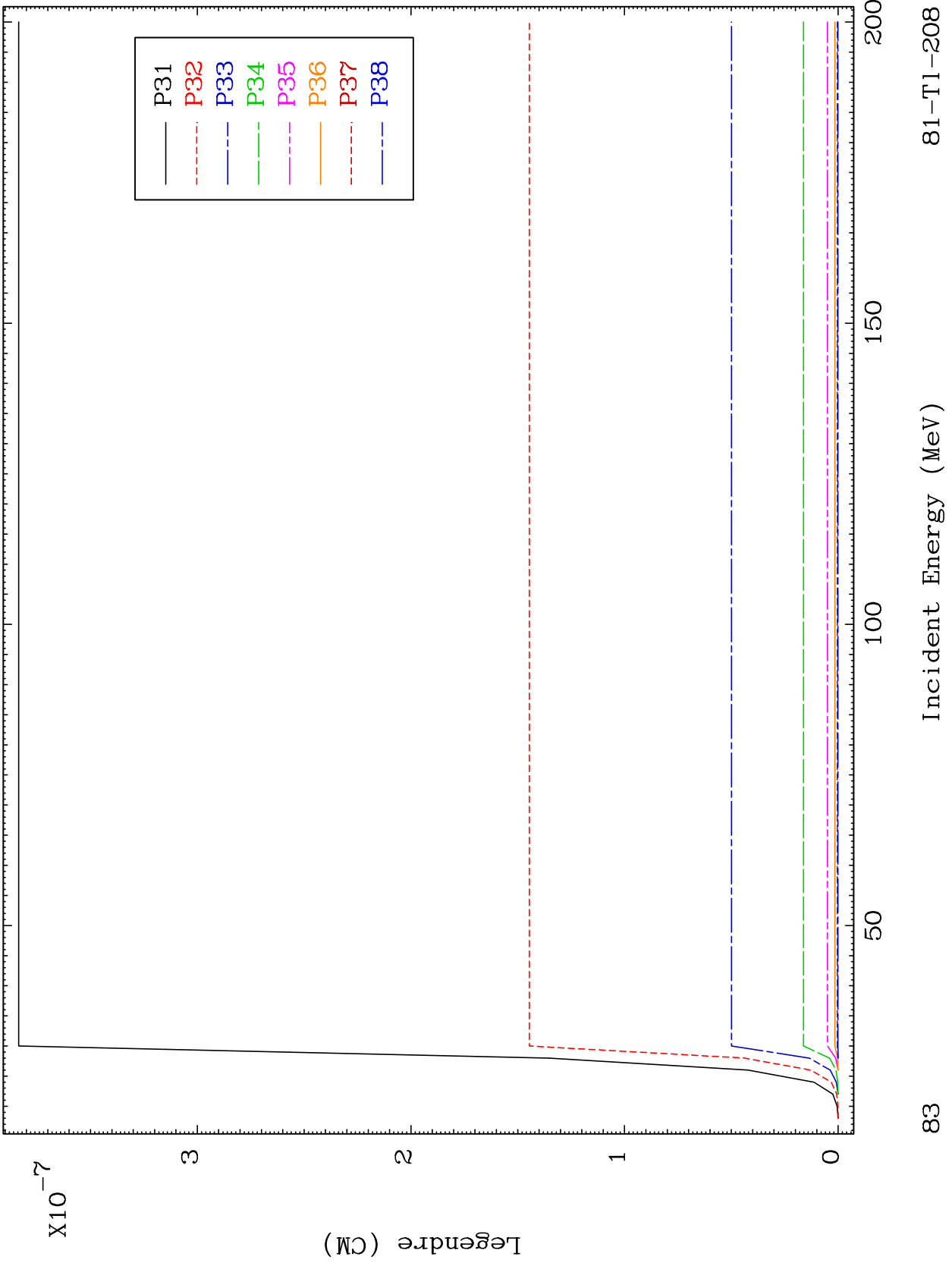




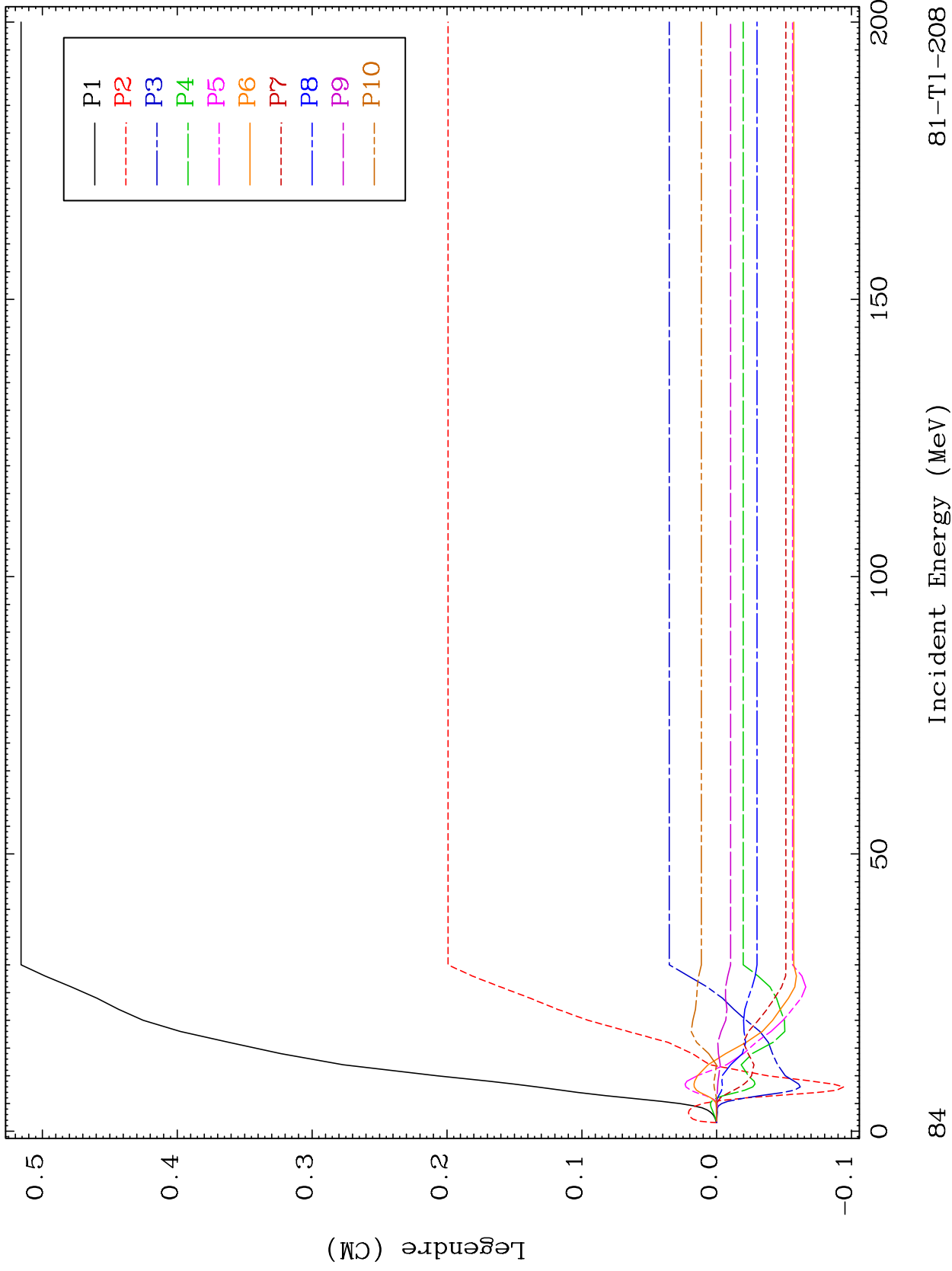
MAT 8140

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

81-T1-208



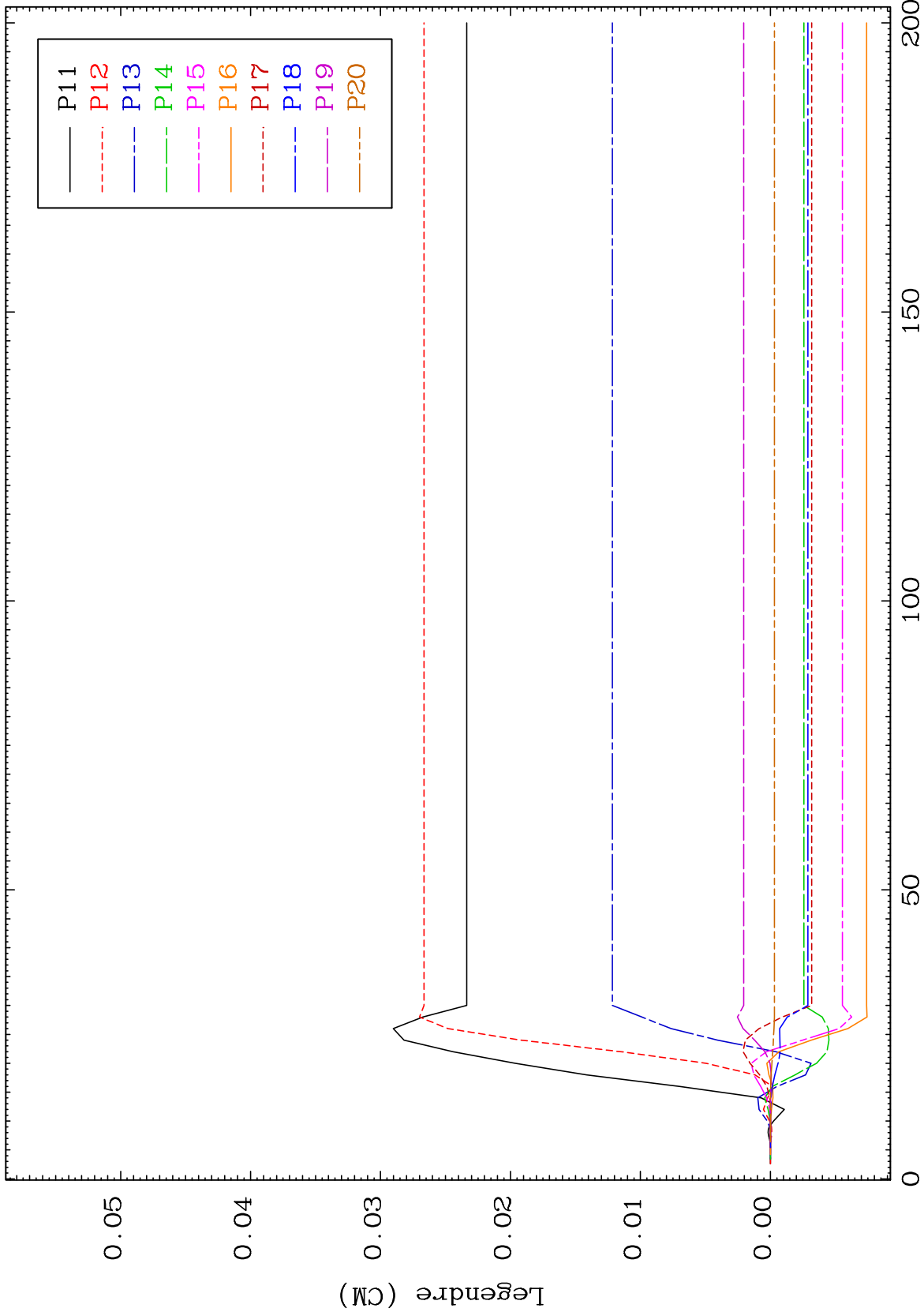
83



MAT 8140

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

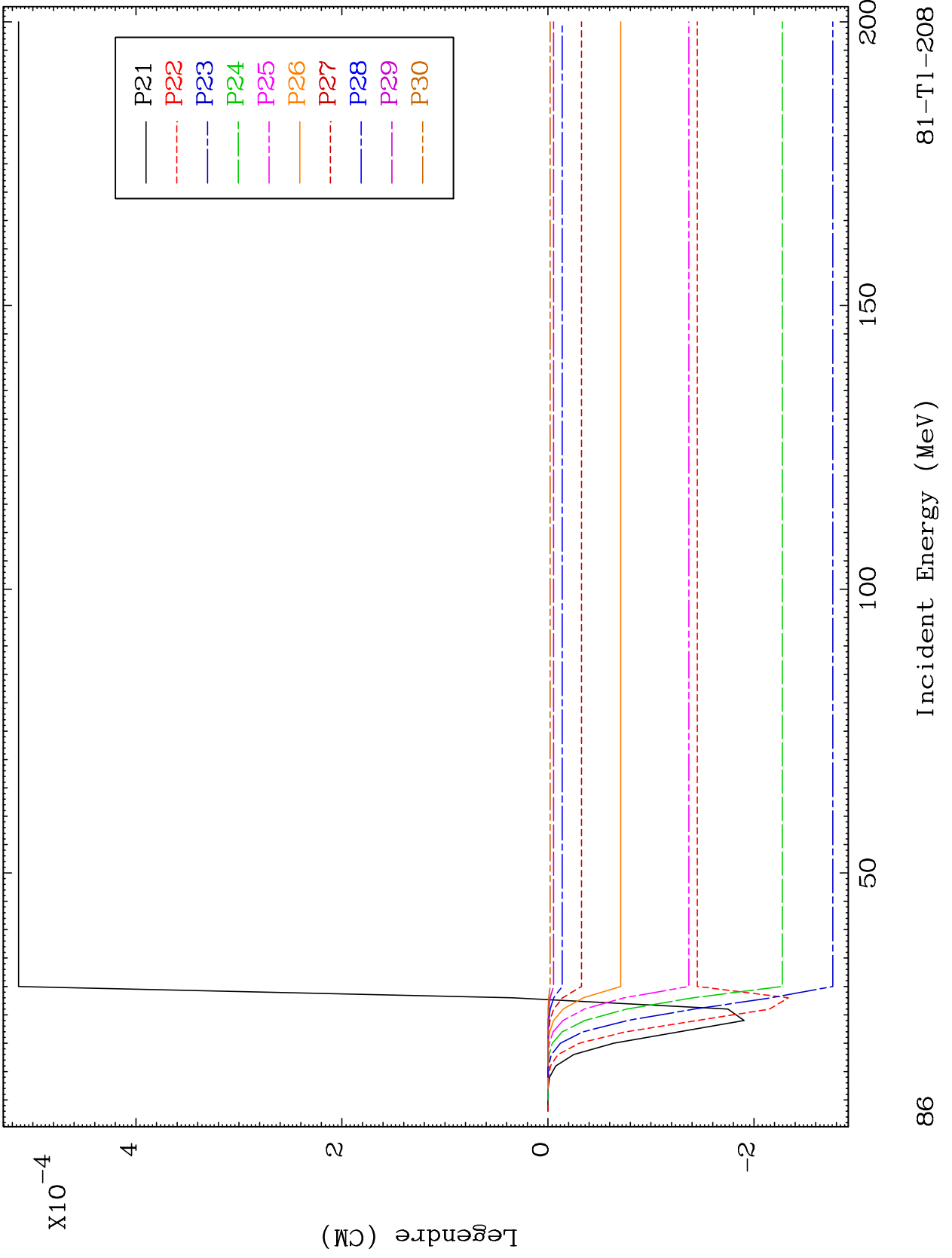
81-Tl-208



85

Incident Energy (MeV)

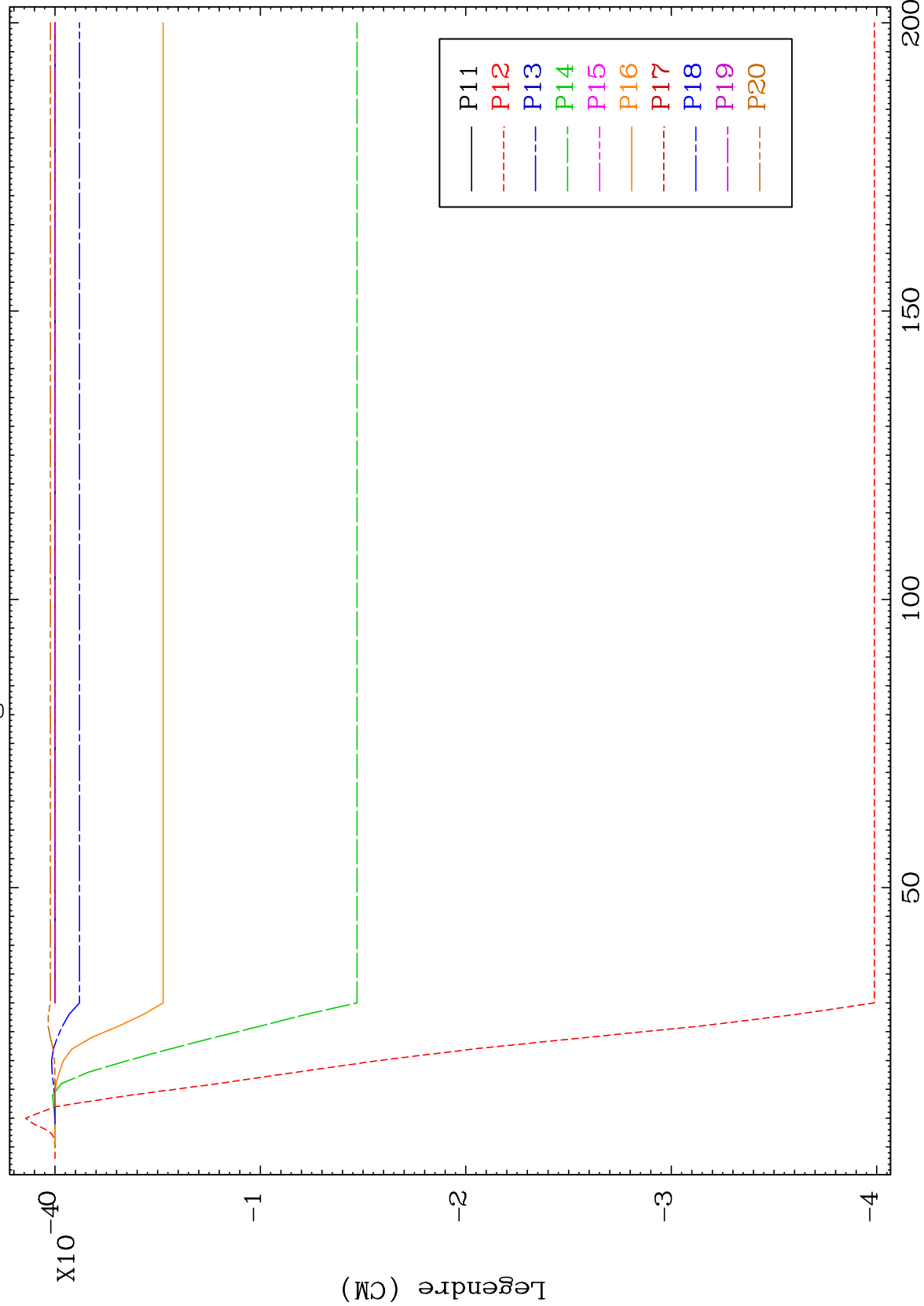
81-Tl-208



MAT 8140

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

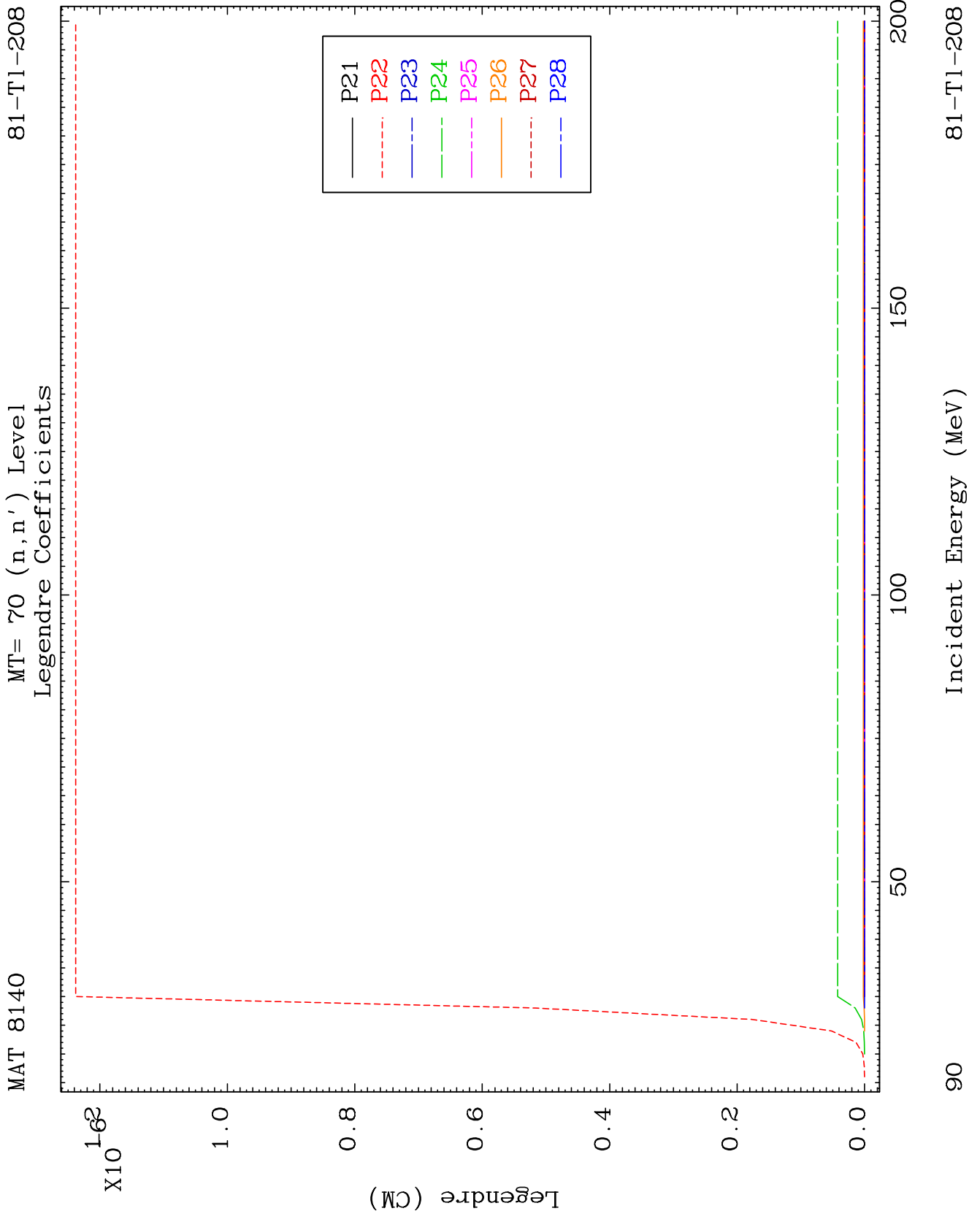
81-T1-208



89

Incident Energy (MeV)

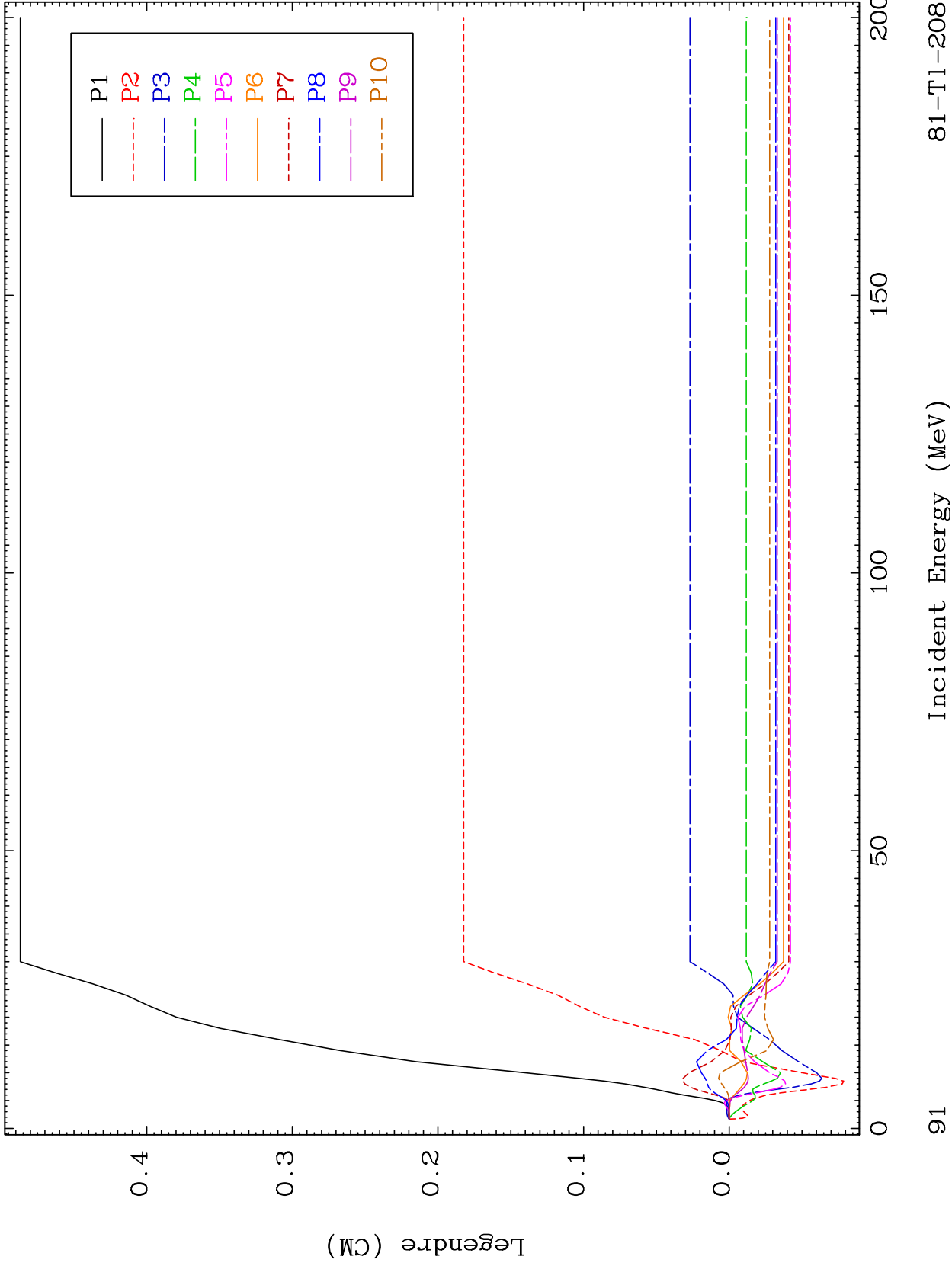
81-T1-208



MAT 8140

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

81-T1-208



81-T1-208

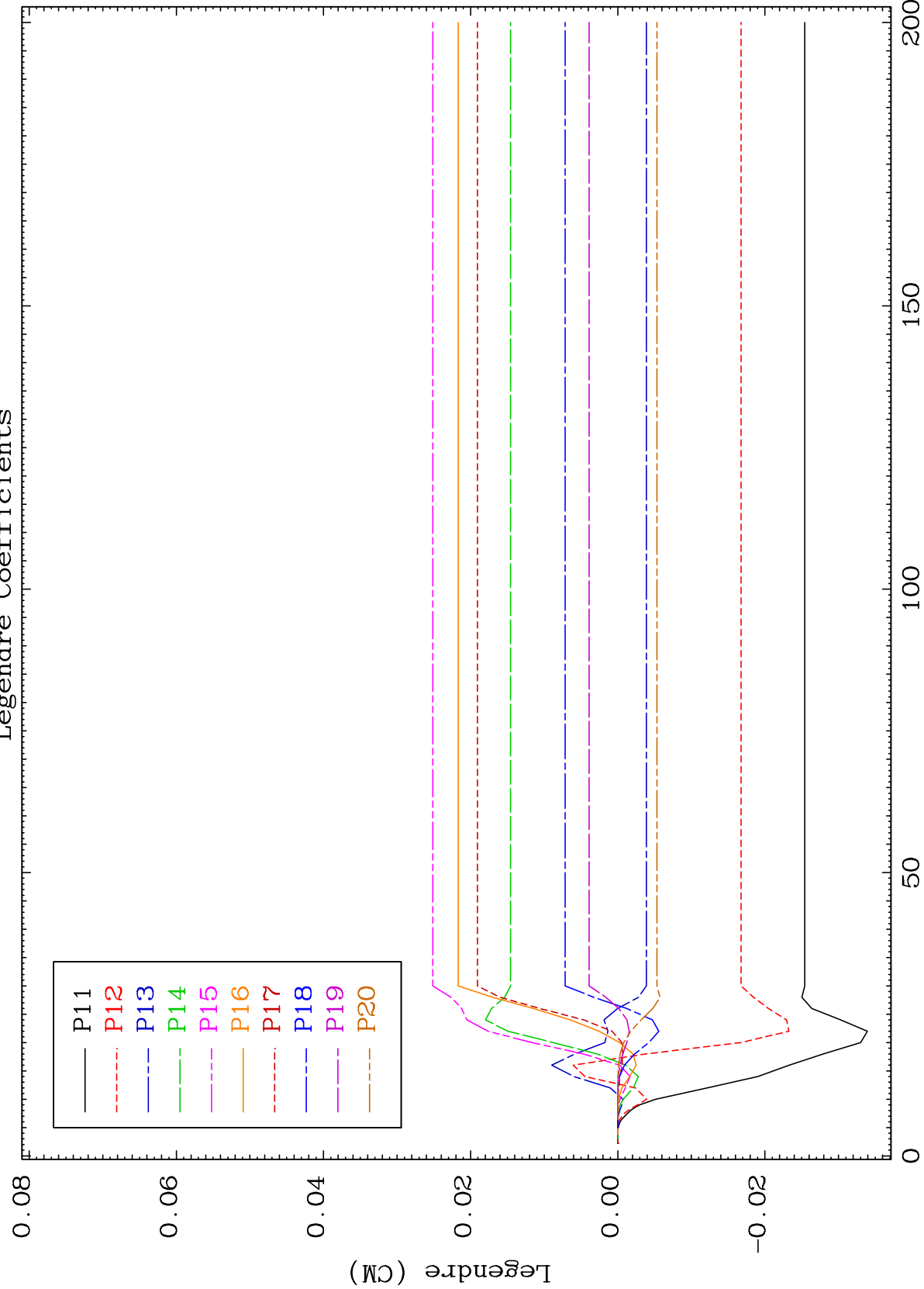
Incident Energy (MeV)

91

MAT 8140

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

81-T1-208



92

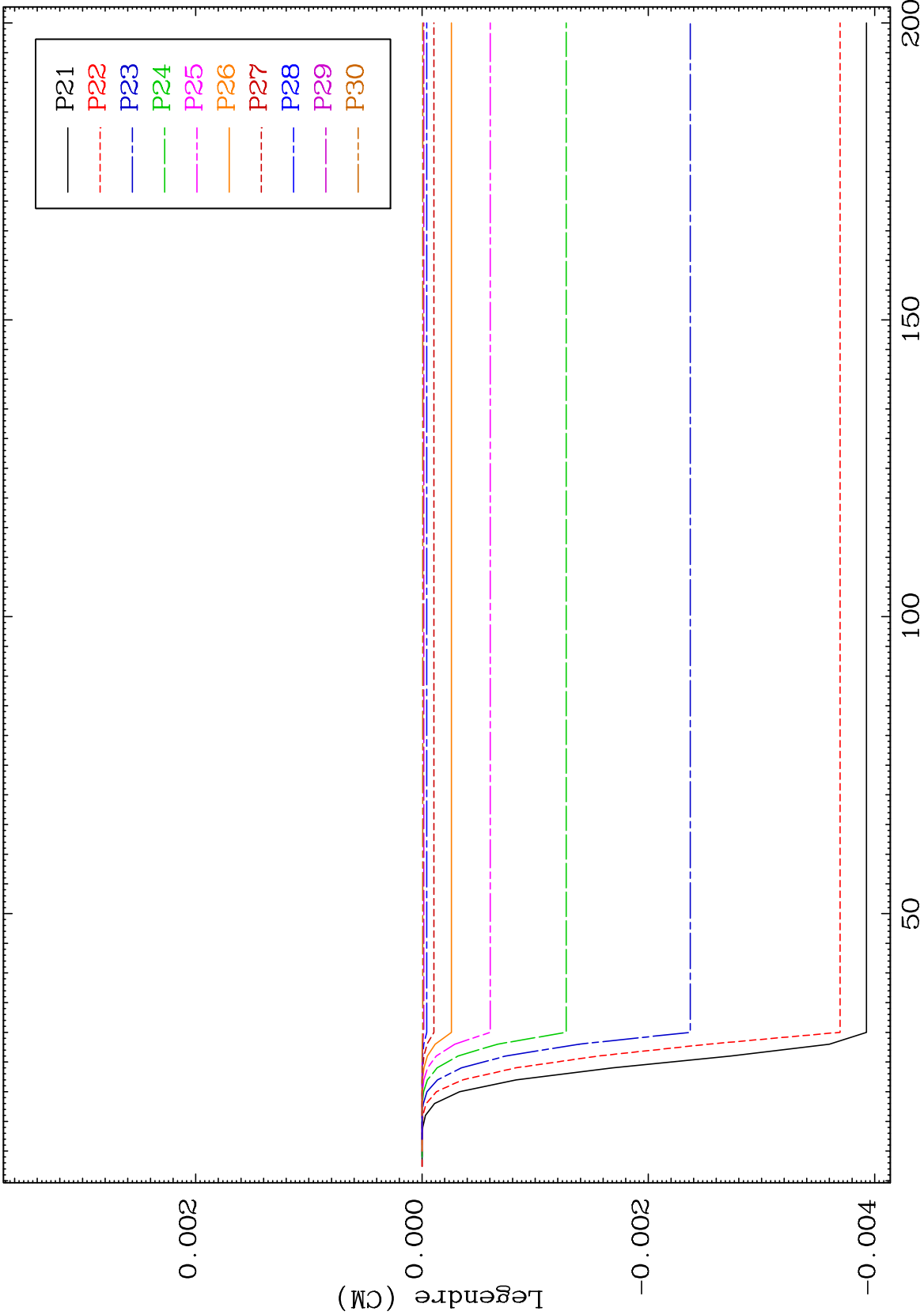
Incident Energy (MeV)

81-T1-208

MAT 8140

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

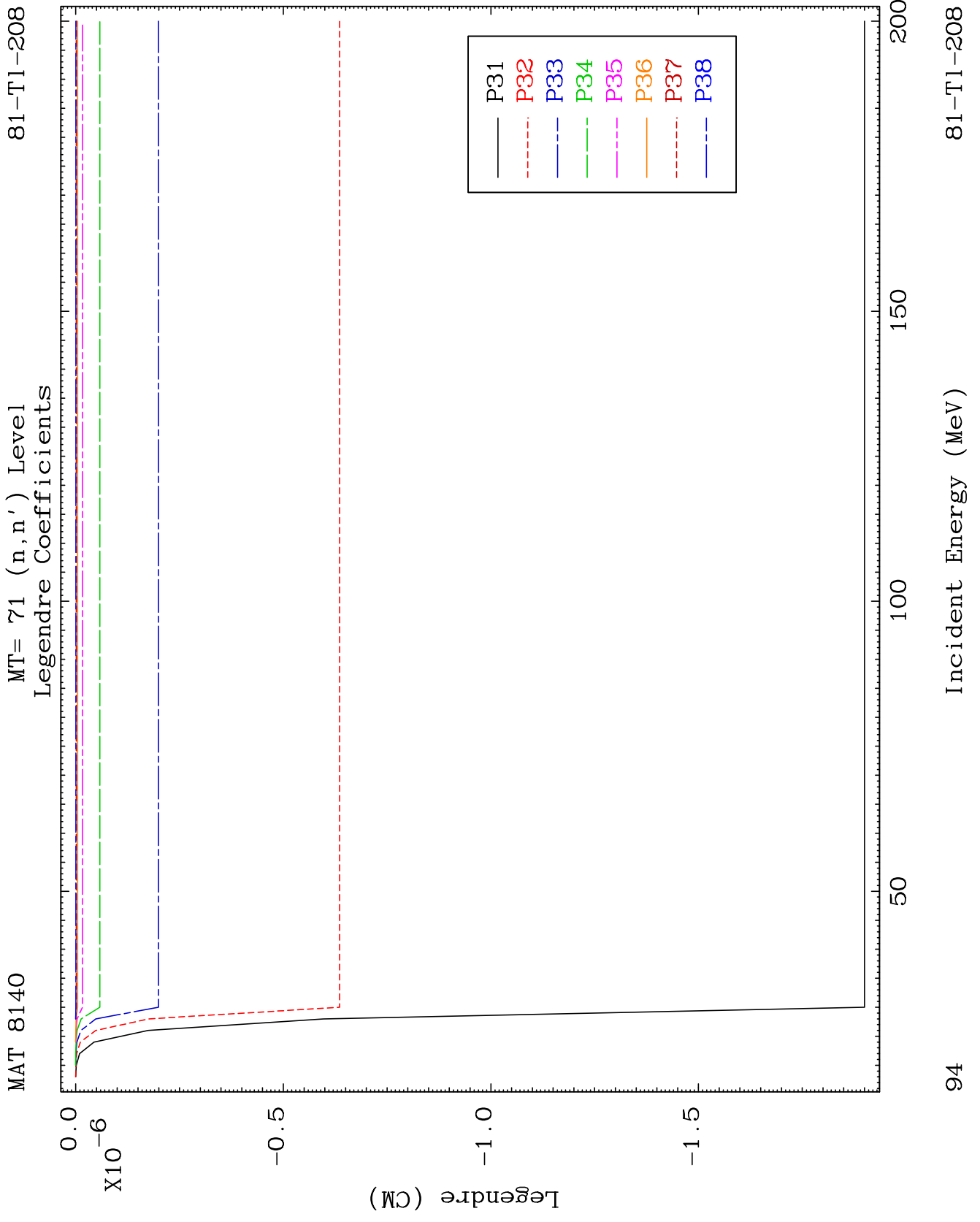
81-T1-208



93

Incident Energy (MeV)

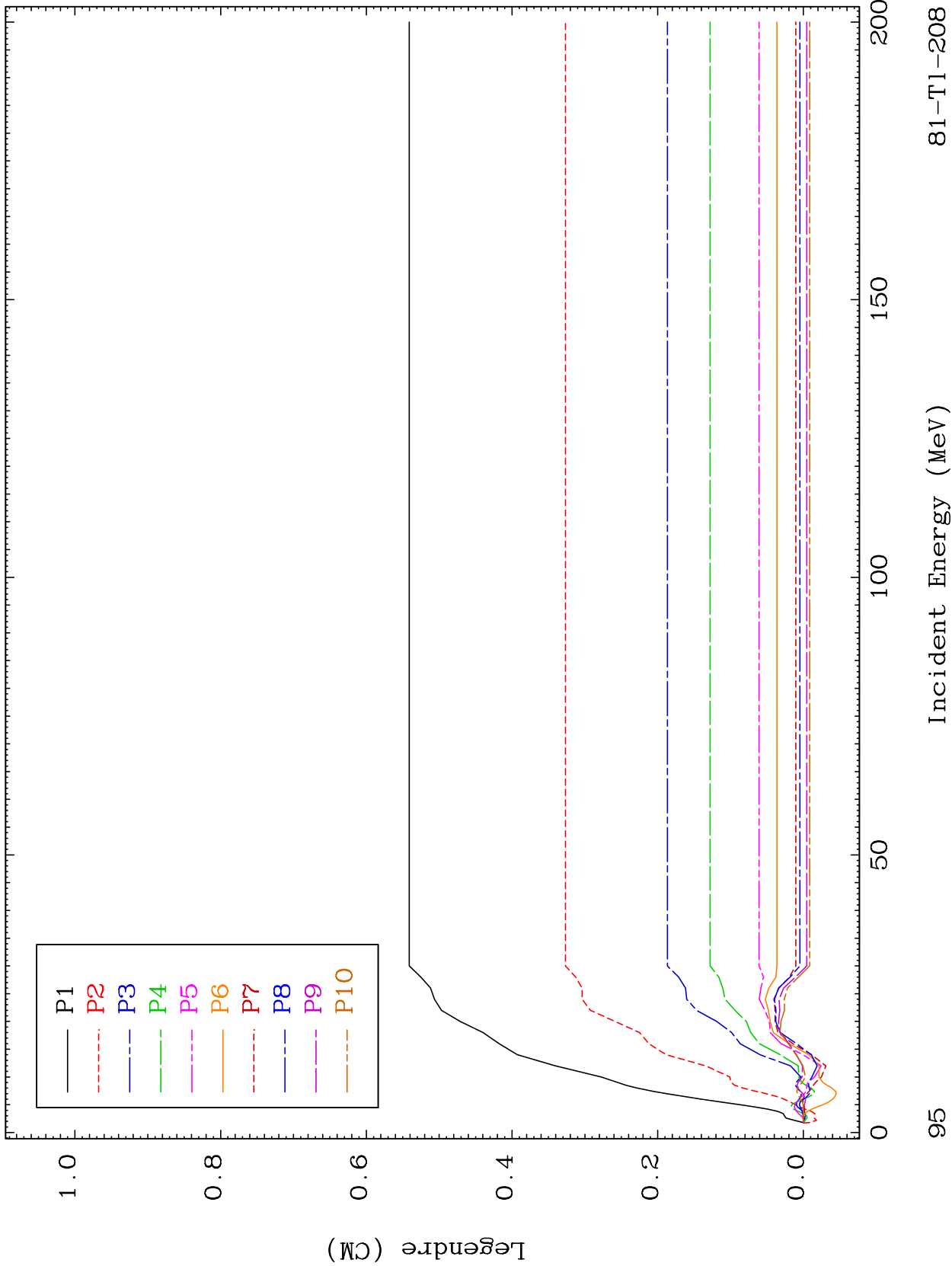
81-T1-208



MAT 8140

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

81-T1-208



95

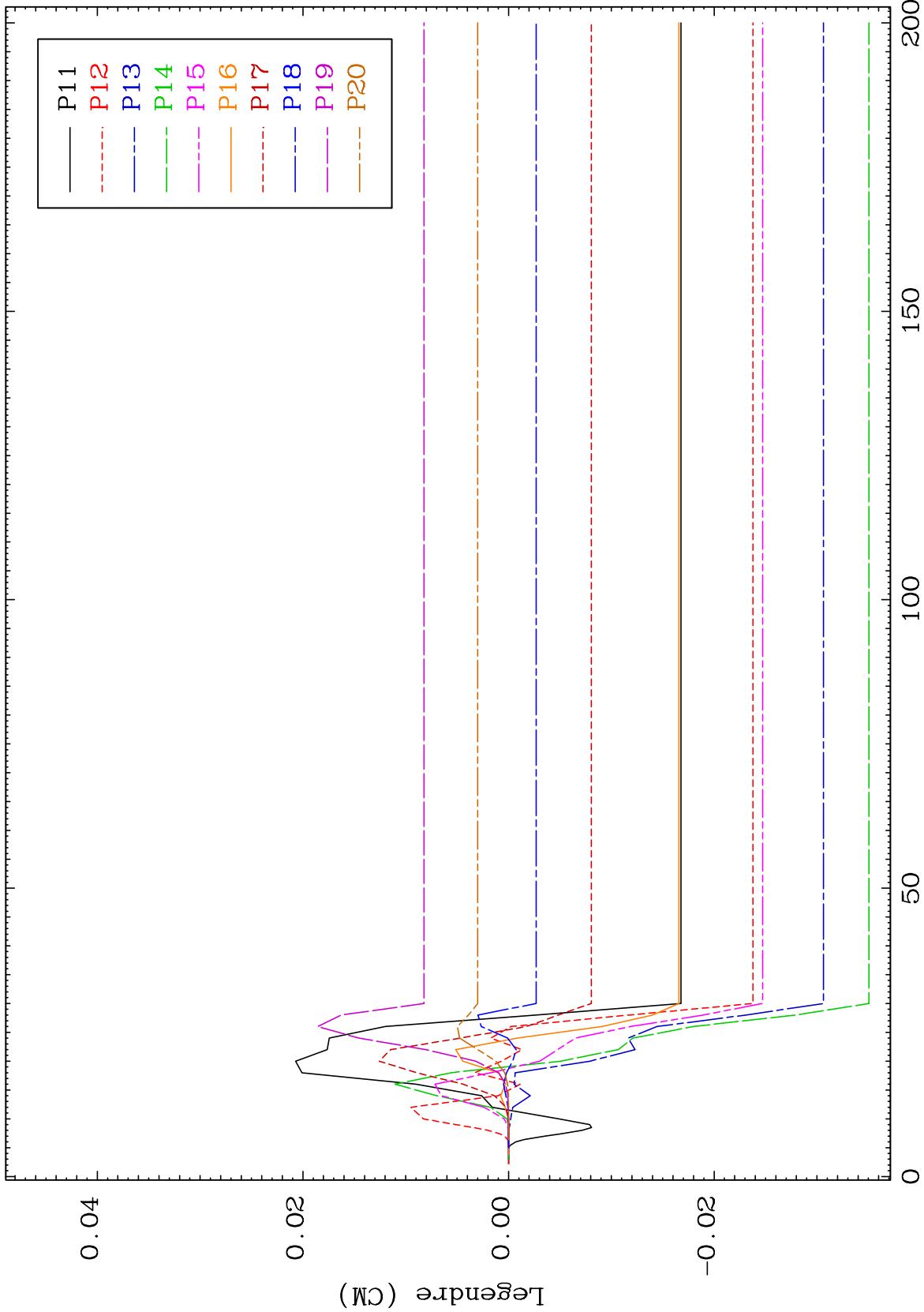
Incident Energy (MeV)

81-T1-208

MAT 8140

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

81-T1-208



96

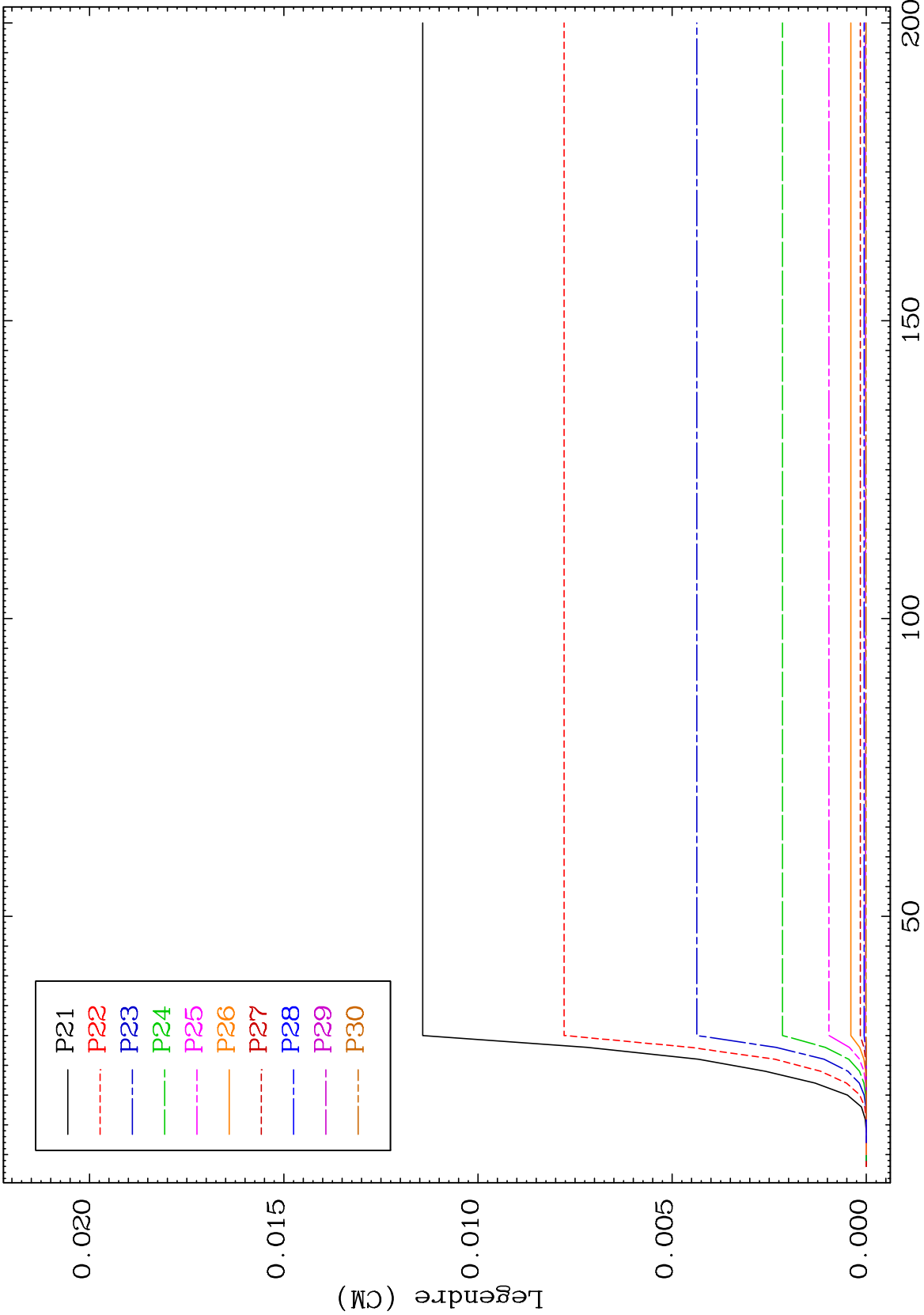
Incident Energy (MeV)

81-T1-208

MAT 8140

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

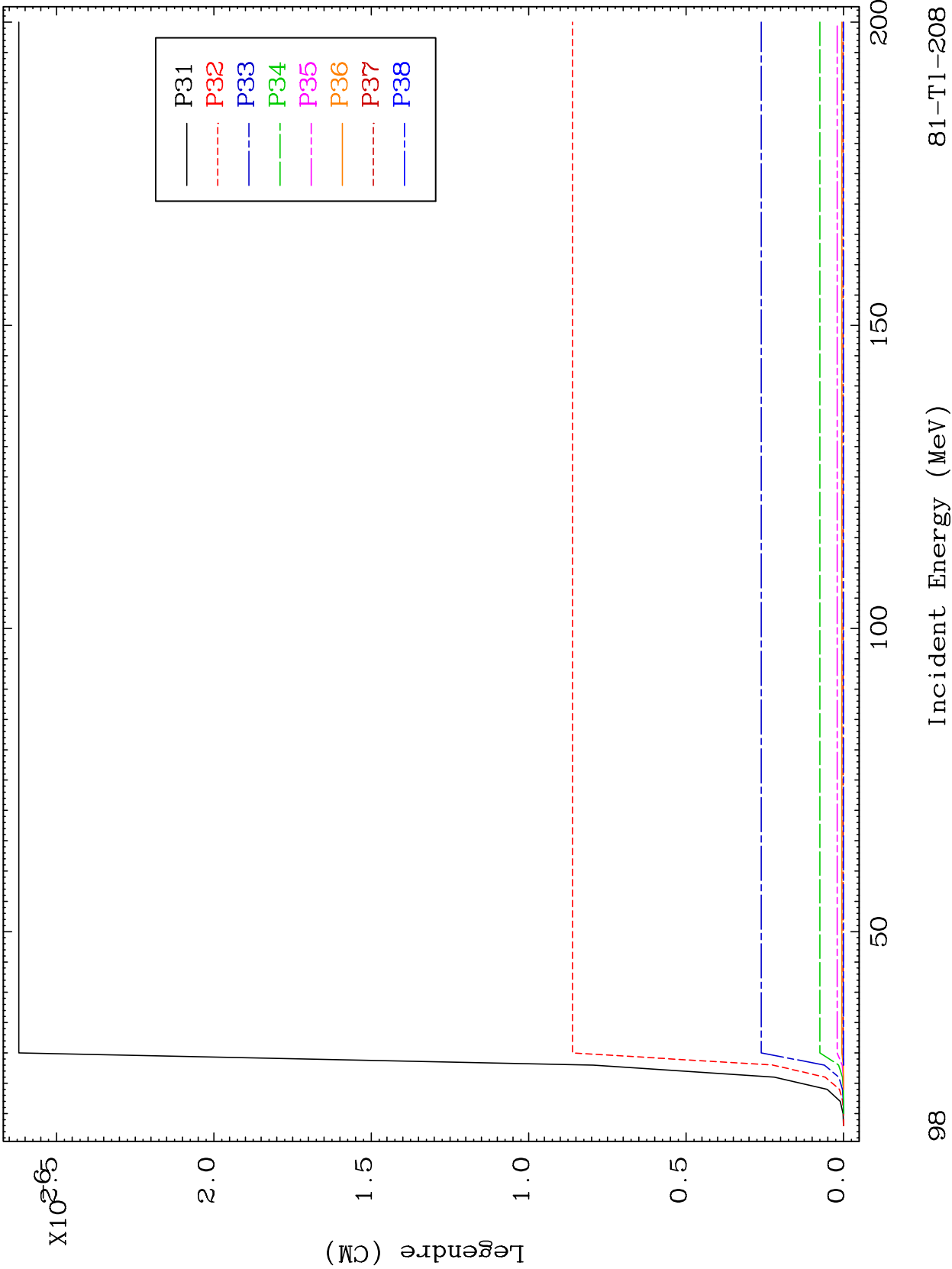
81-T1-208



97

Incident Energy (MeV)

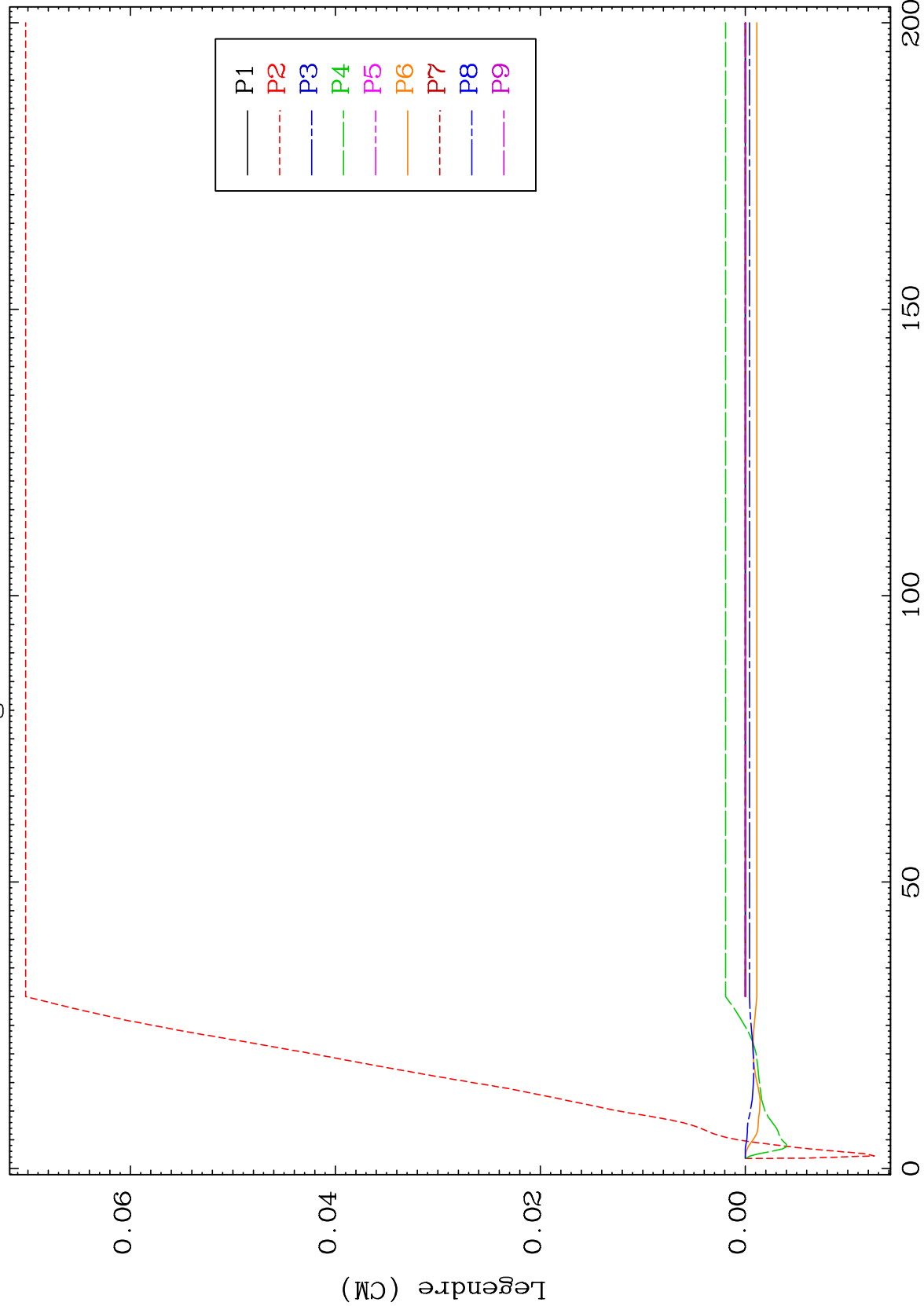
81-T1-208



MAT 8140

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

81-T1-208



99

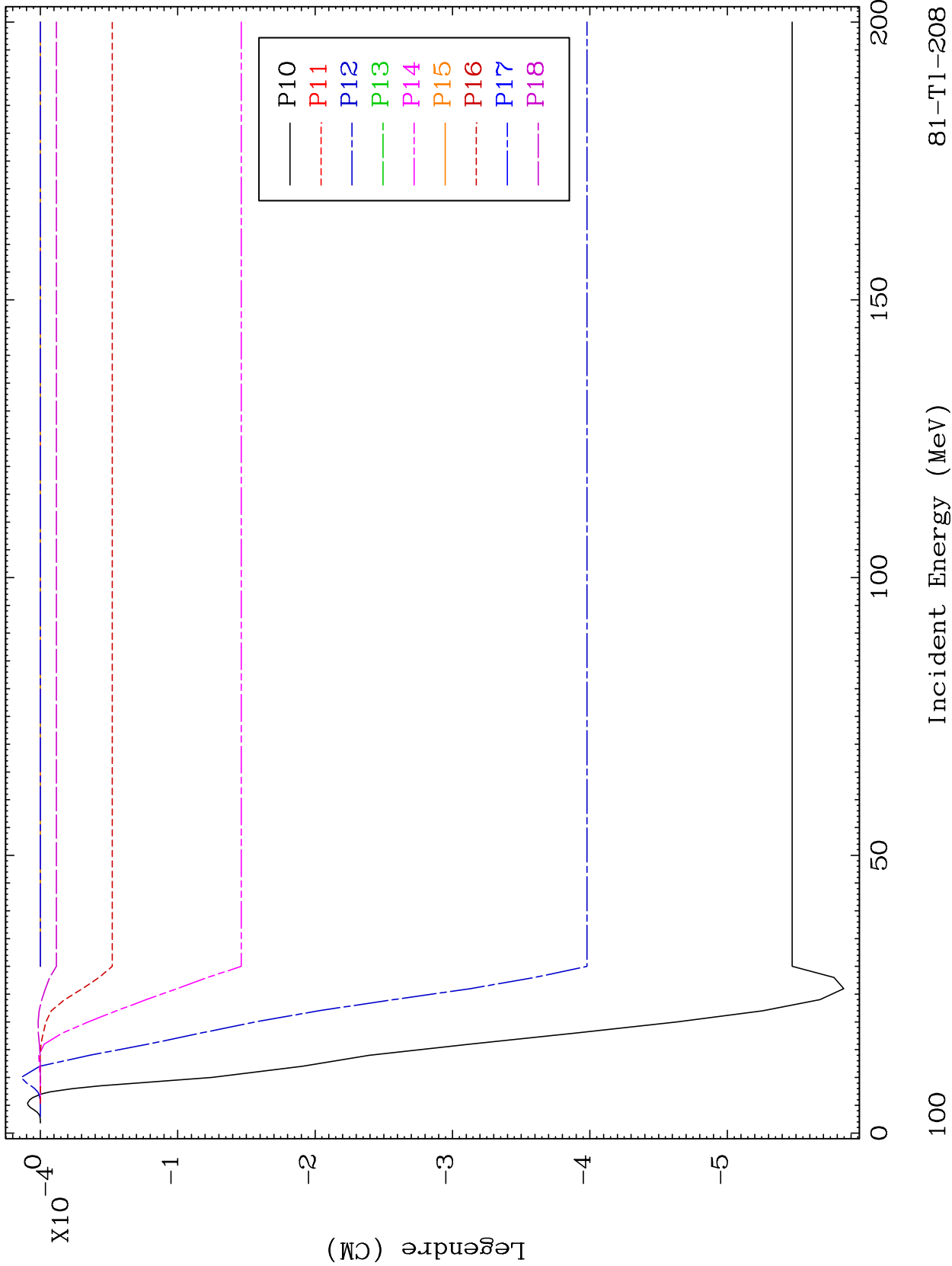
Incident Energy (MeV)

81-T1-208

MAT 8140

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

81-T1-208

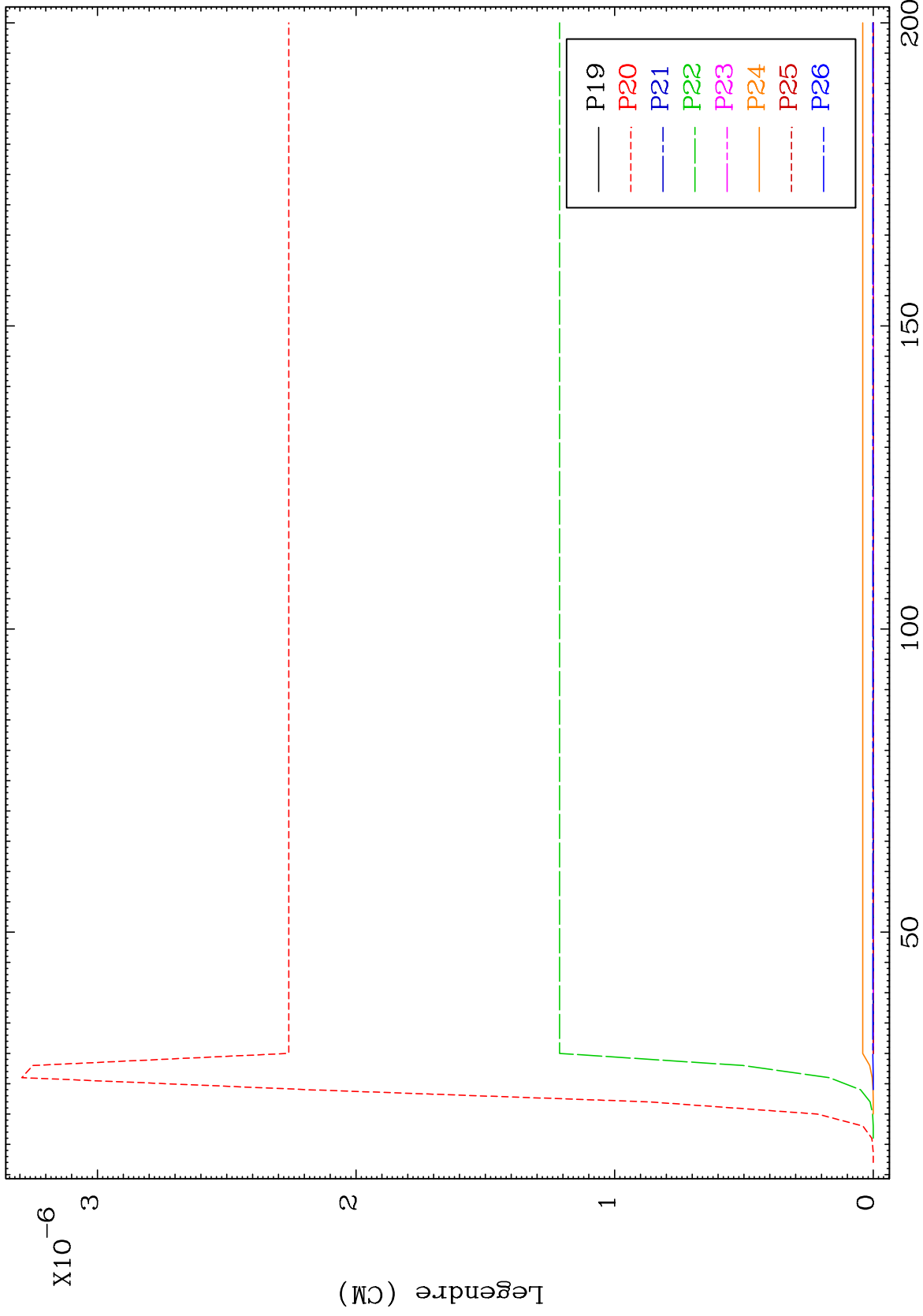


81-T1-208

MAT 8140

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

81-T1-208



101

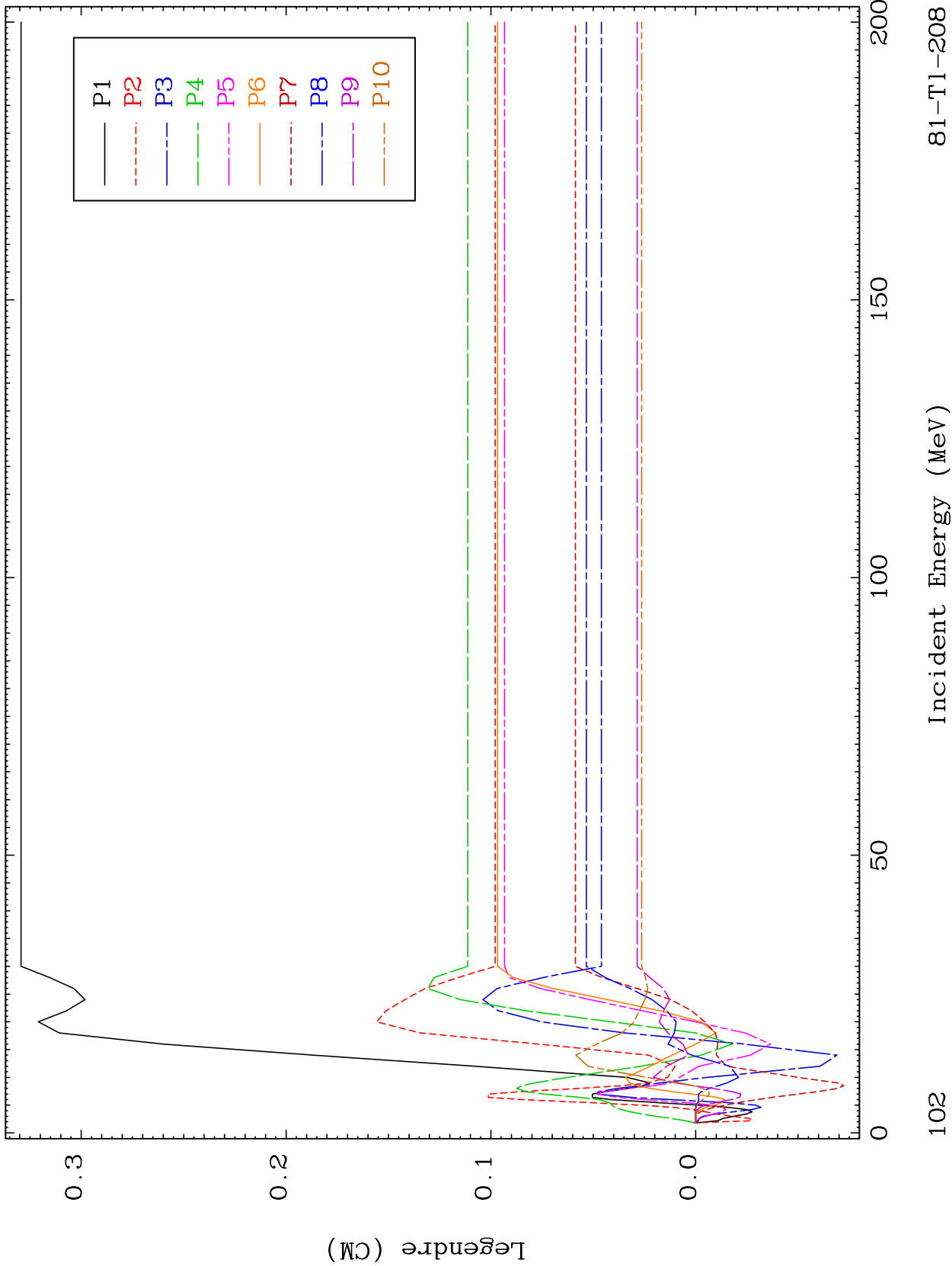
Incident Energy (MeV)

81-T1-208

MAT 8140

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

81-T1-208



81-T1-208

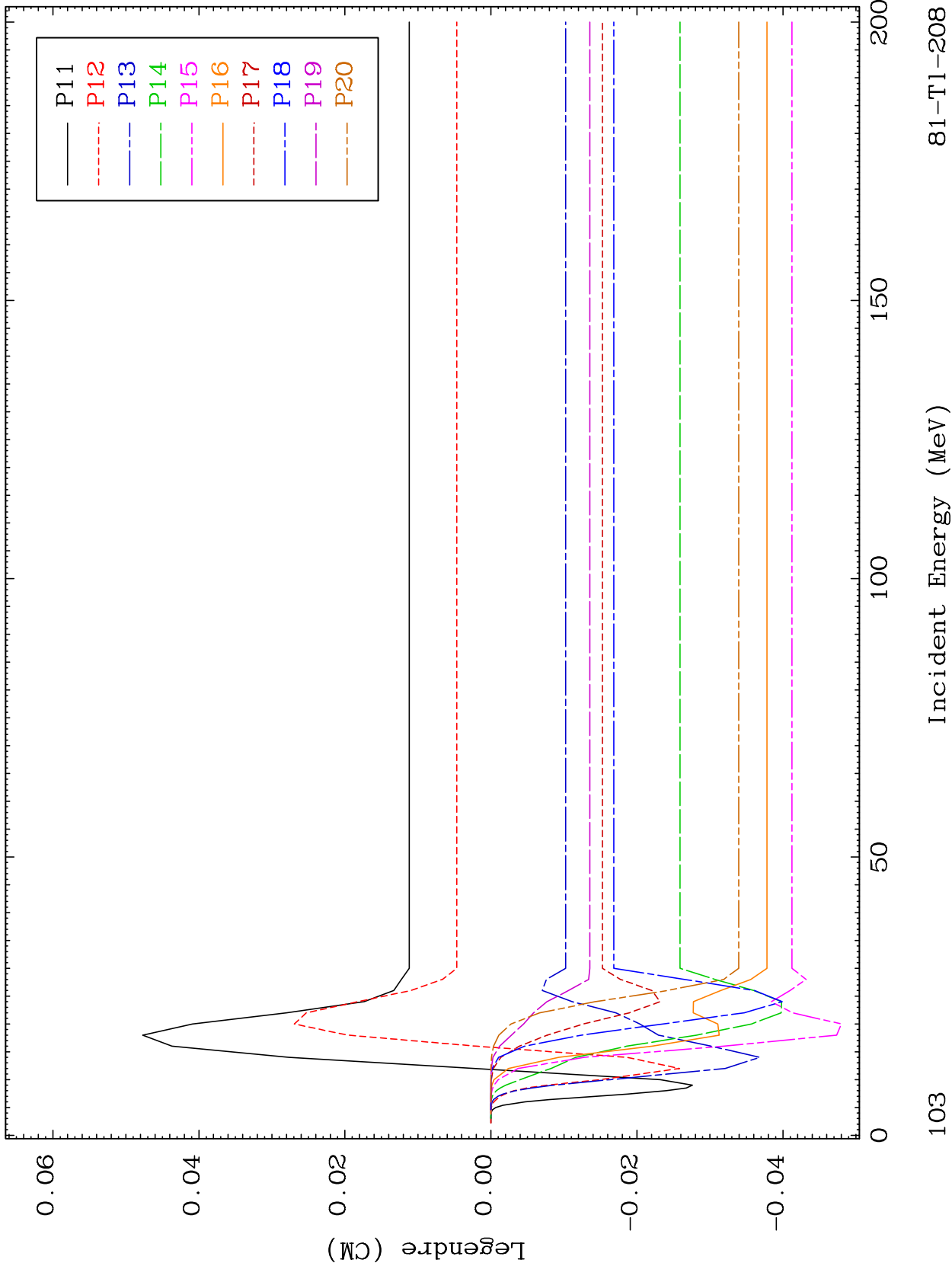
Incident Energy (MeV)

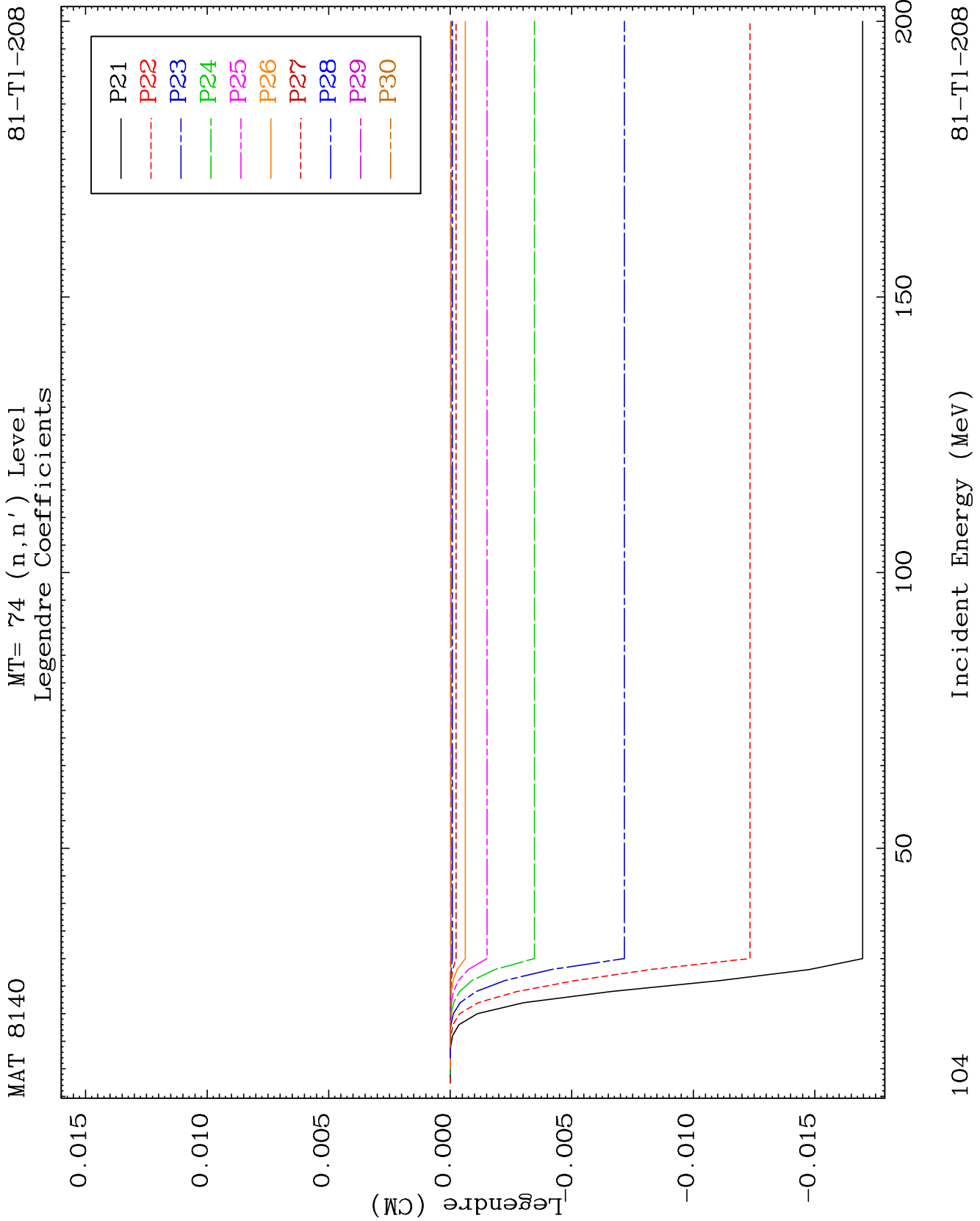
102

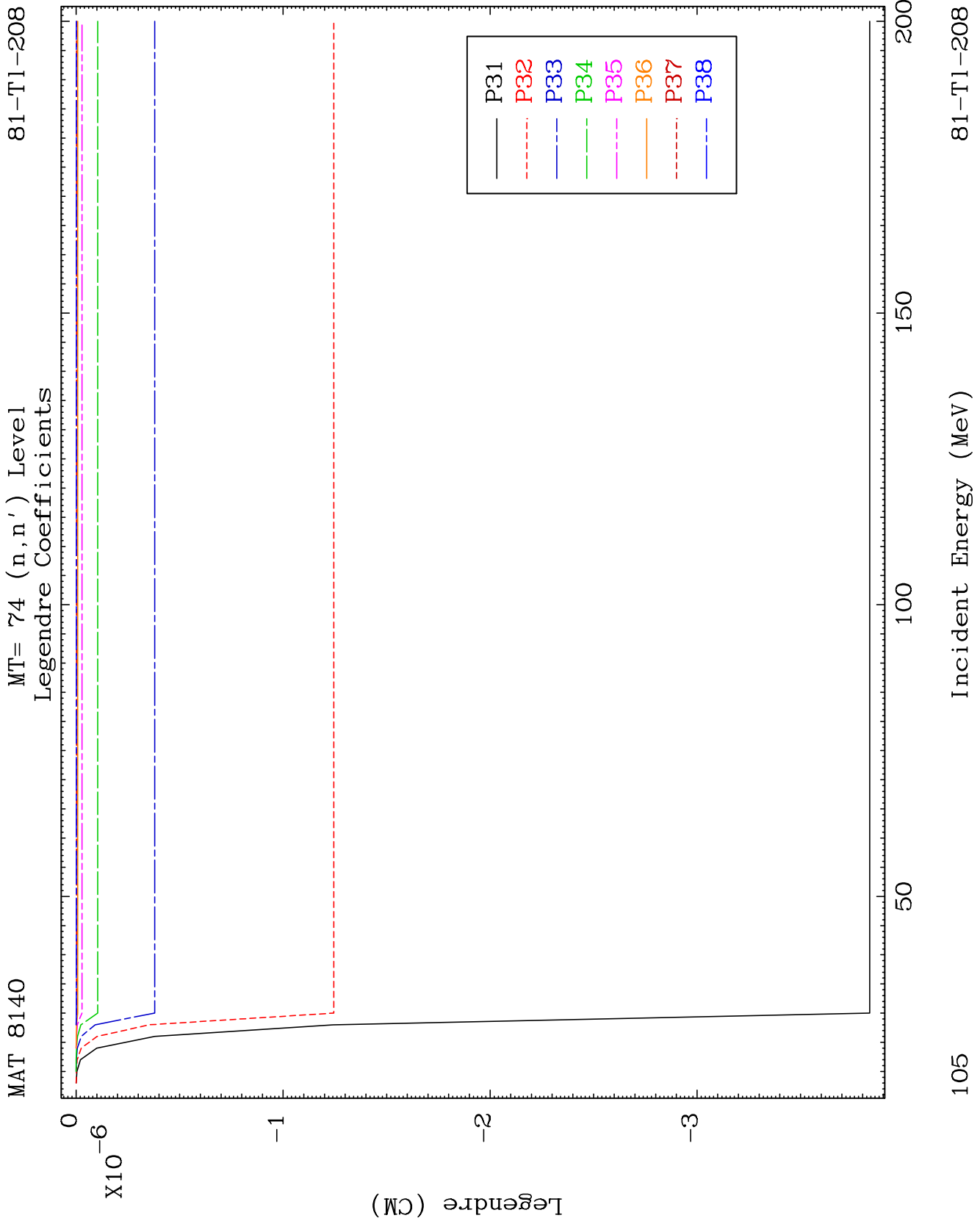
MAT 8140

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

81-T1-208



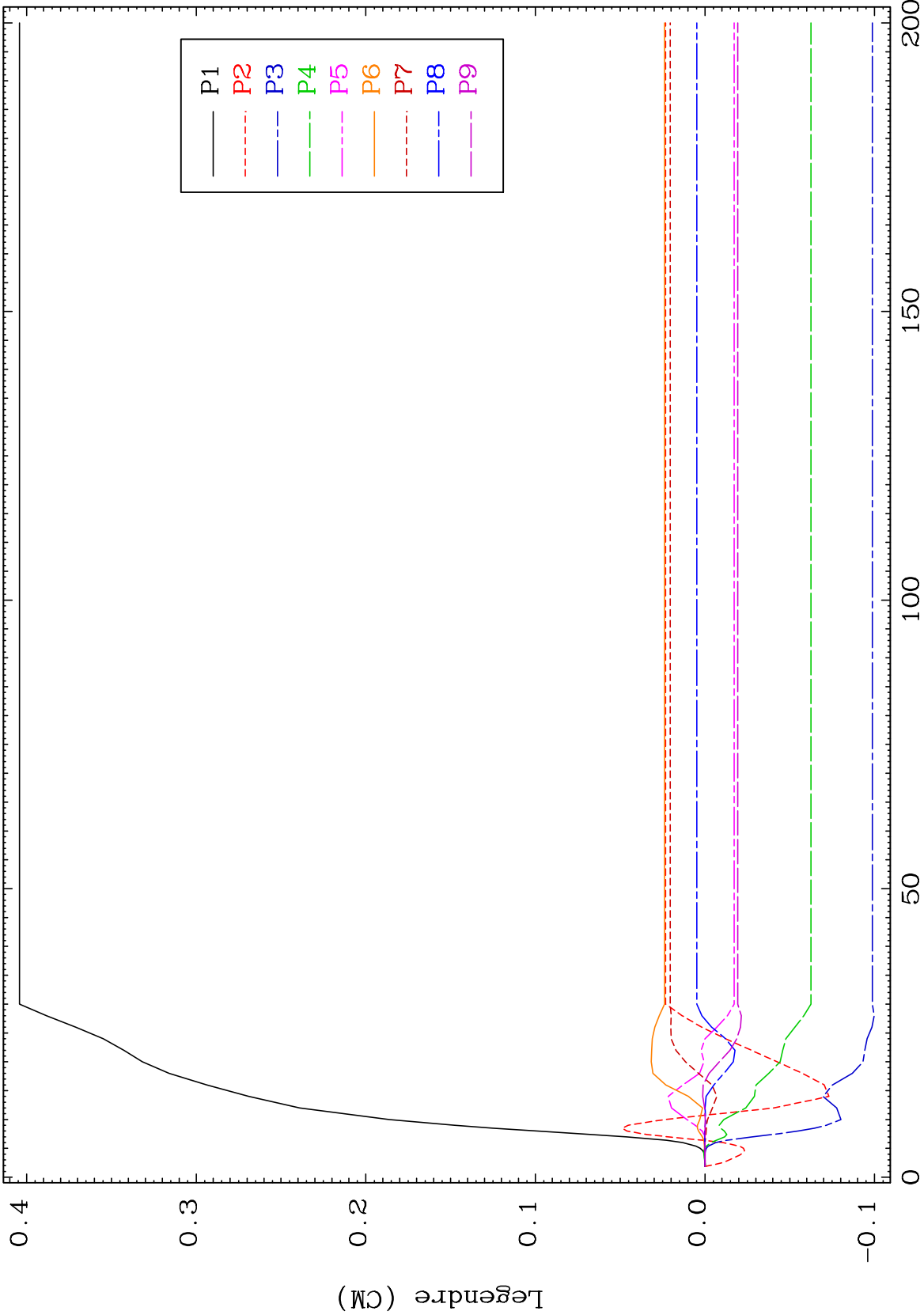




MAT 8140

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

81-T1-208



81-T1-208

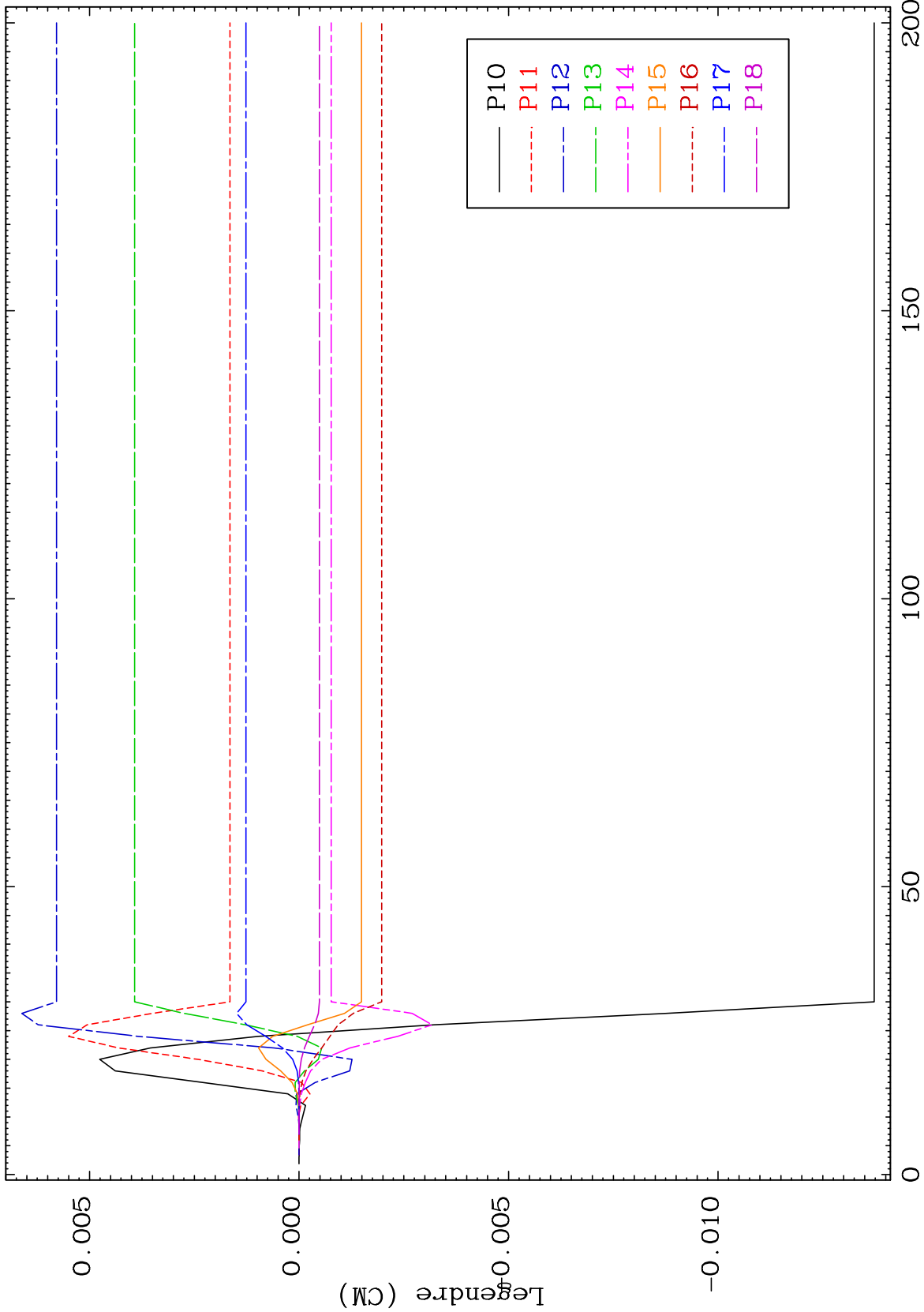
Incident Energy (MeV)

106

MAT 8140

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

81-T1-208



107

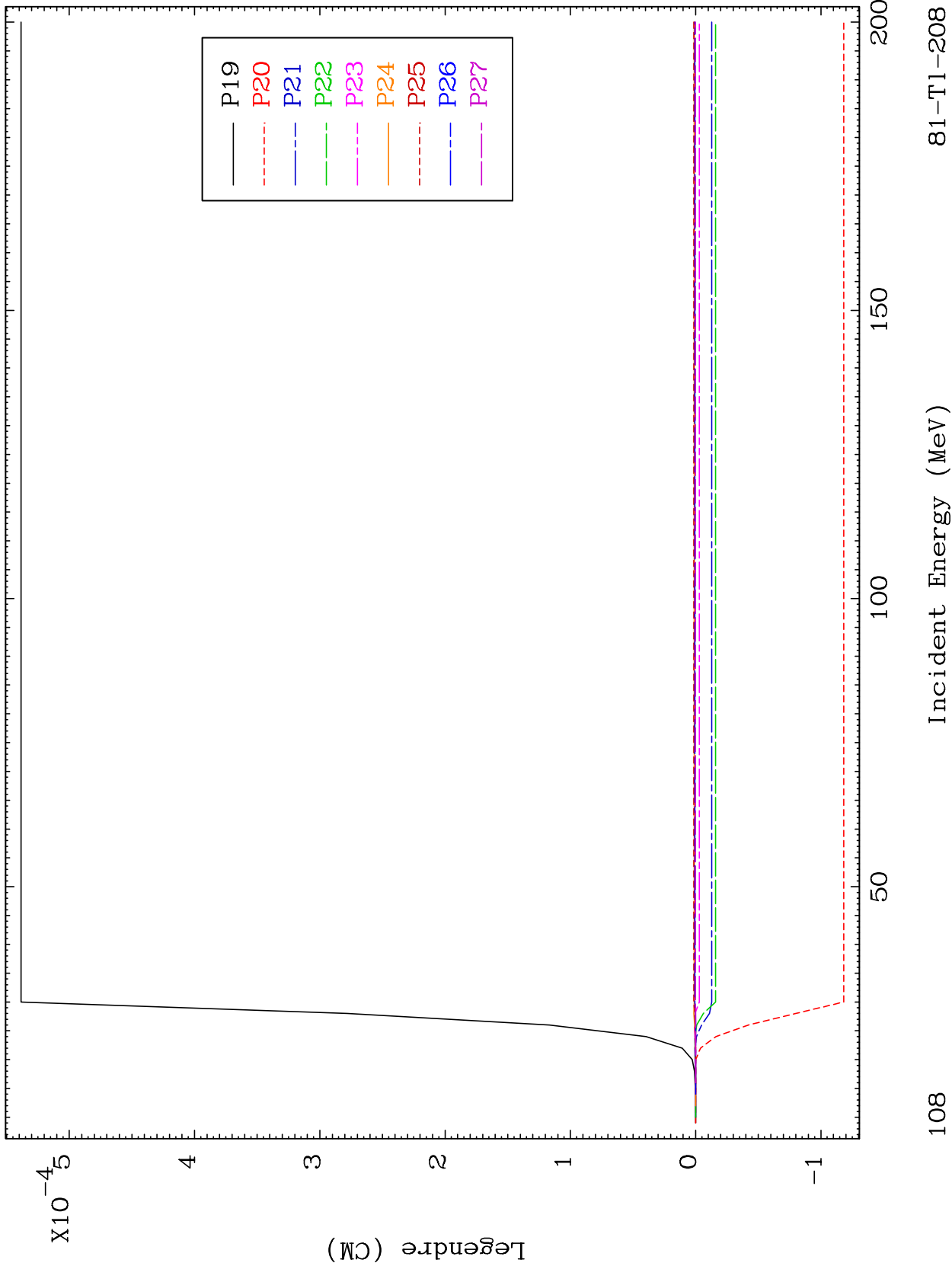
Incident Energy (MeV)

81-T1-208

MAT 8140

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

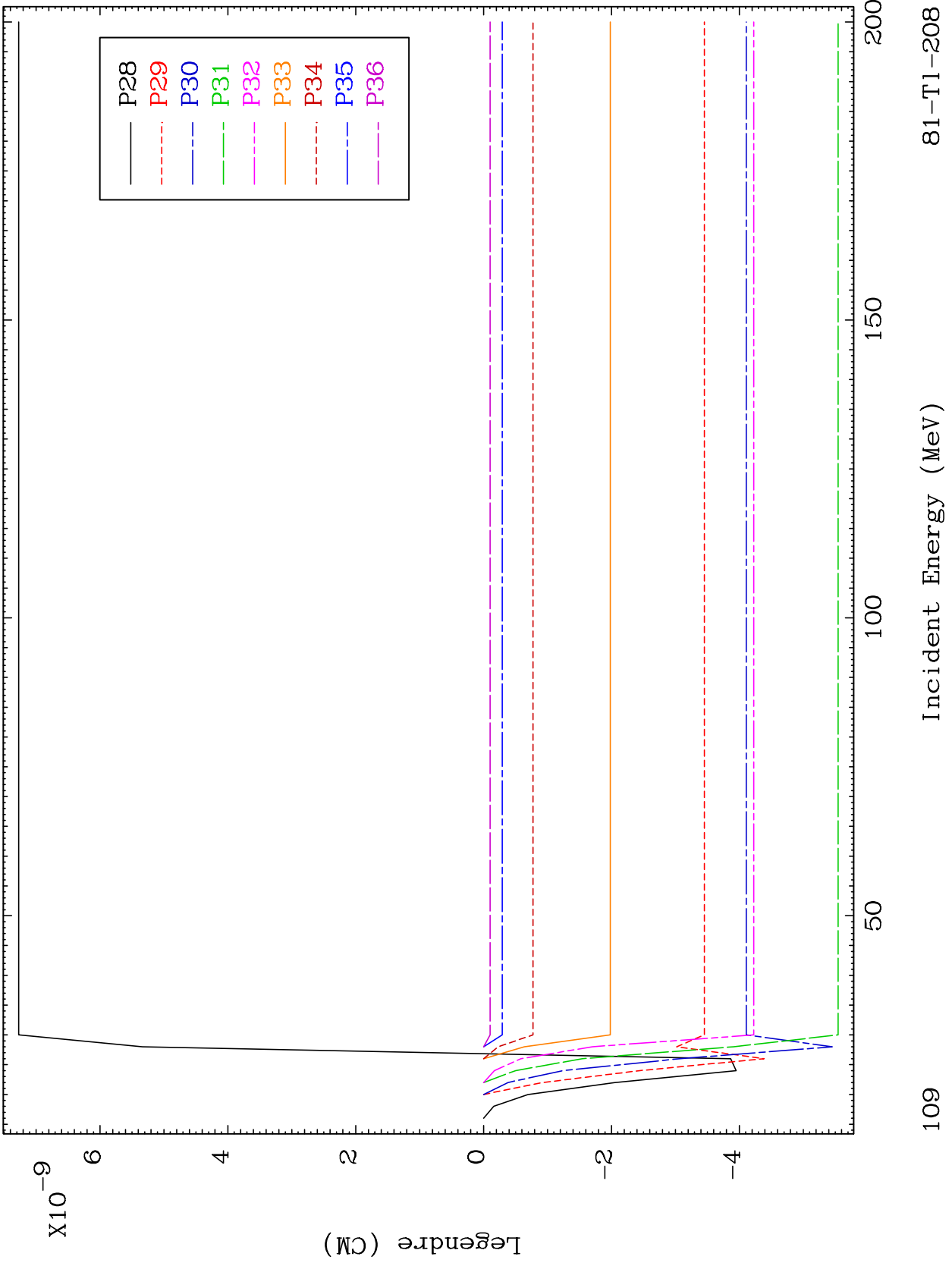
81-Tl-208



MAT 8140

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

81-Tl-208



109

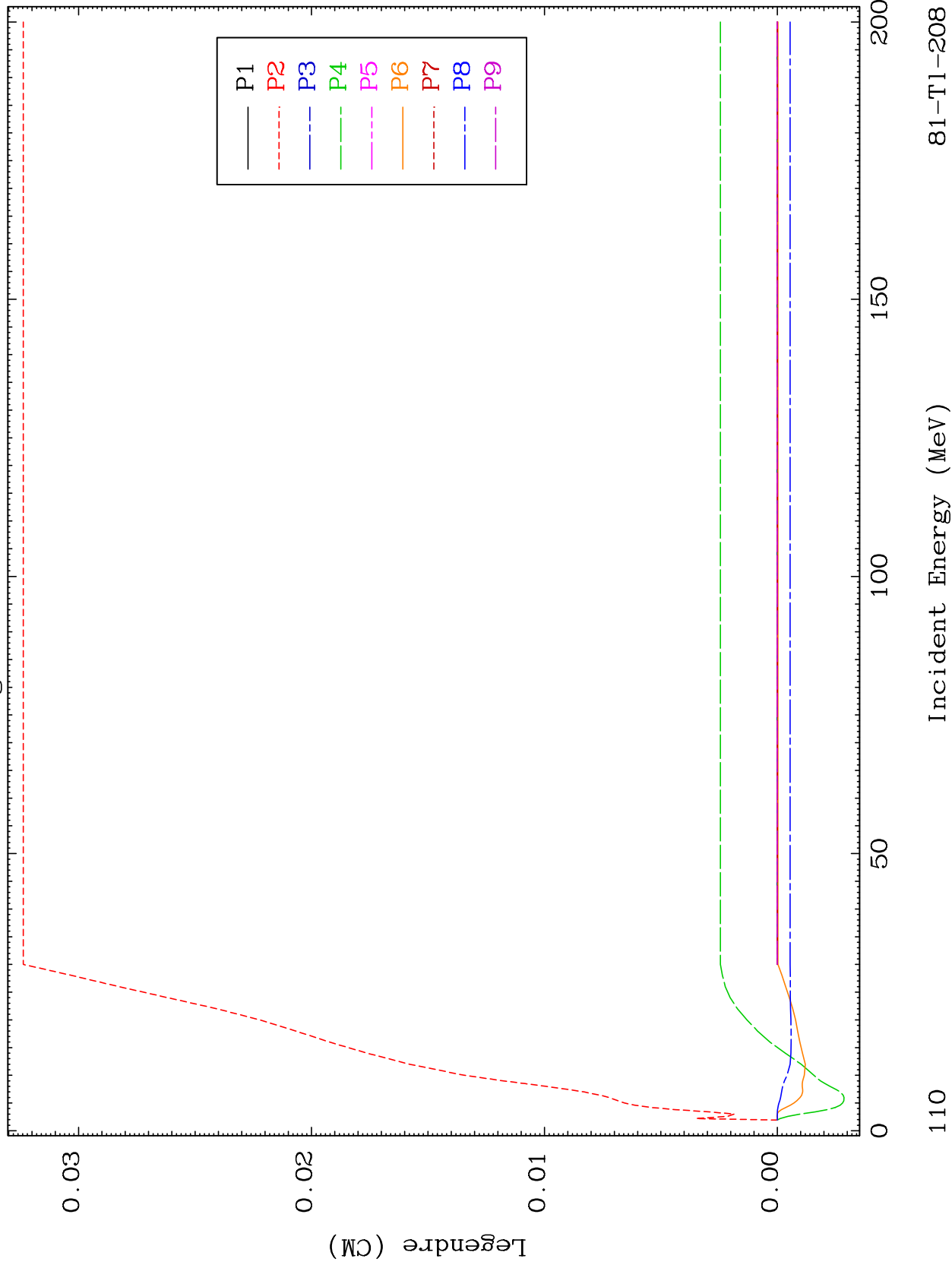
Incident Energy (MeV)

81-Tl-208

MAT 8140

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

81-T1-208

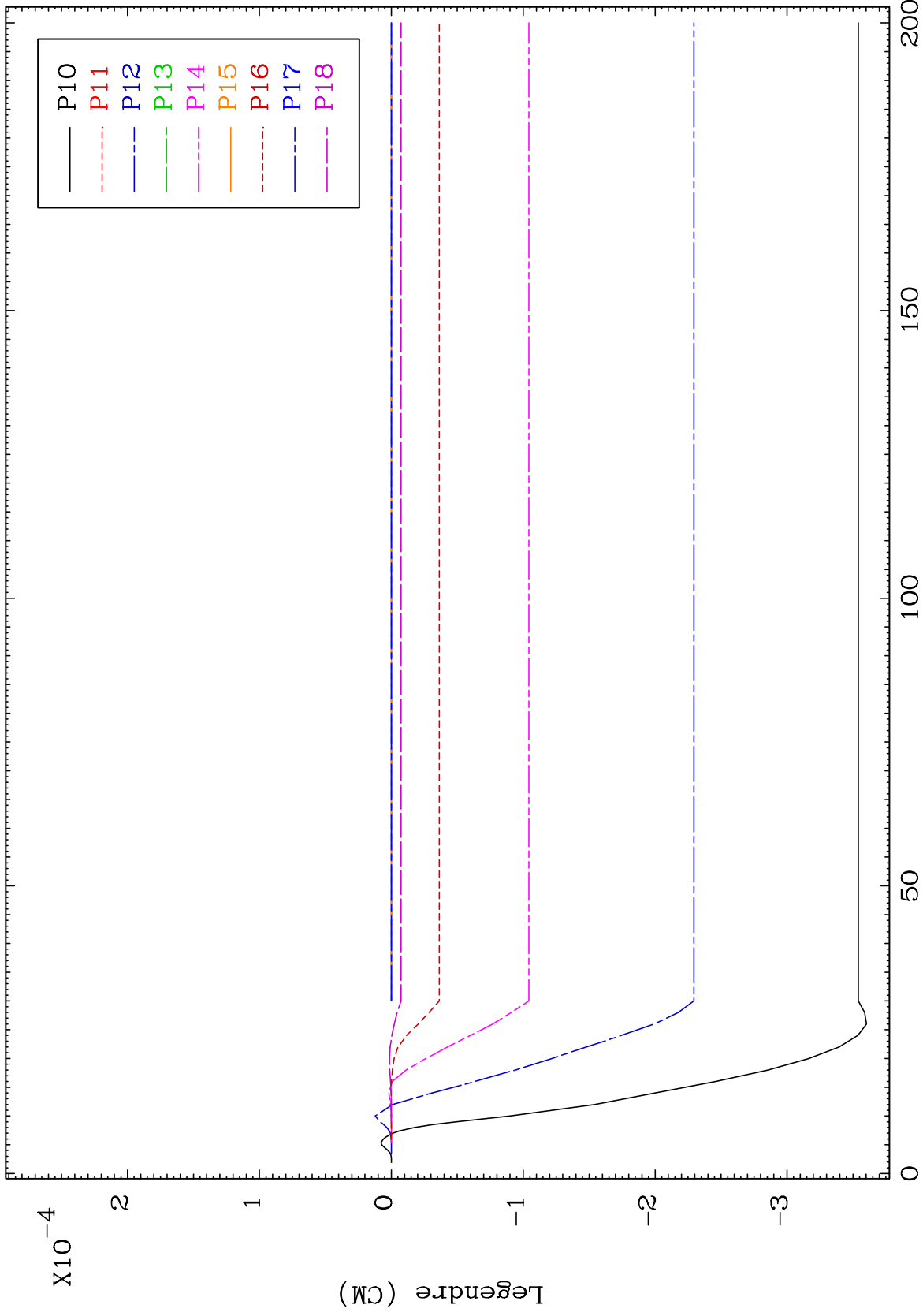


81-T1-208

MAT 8140

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

81-T1-208



111

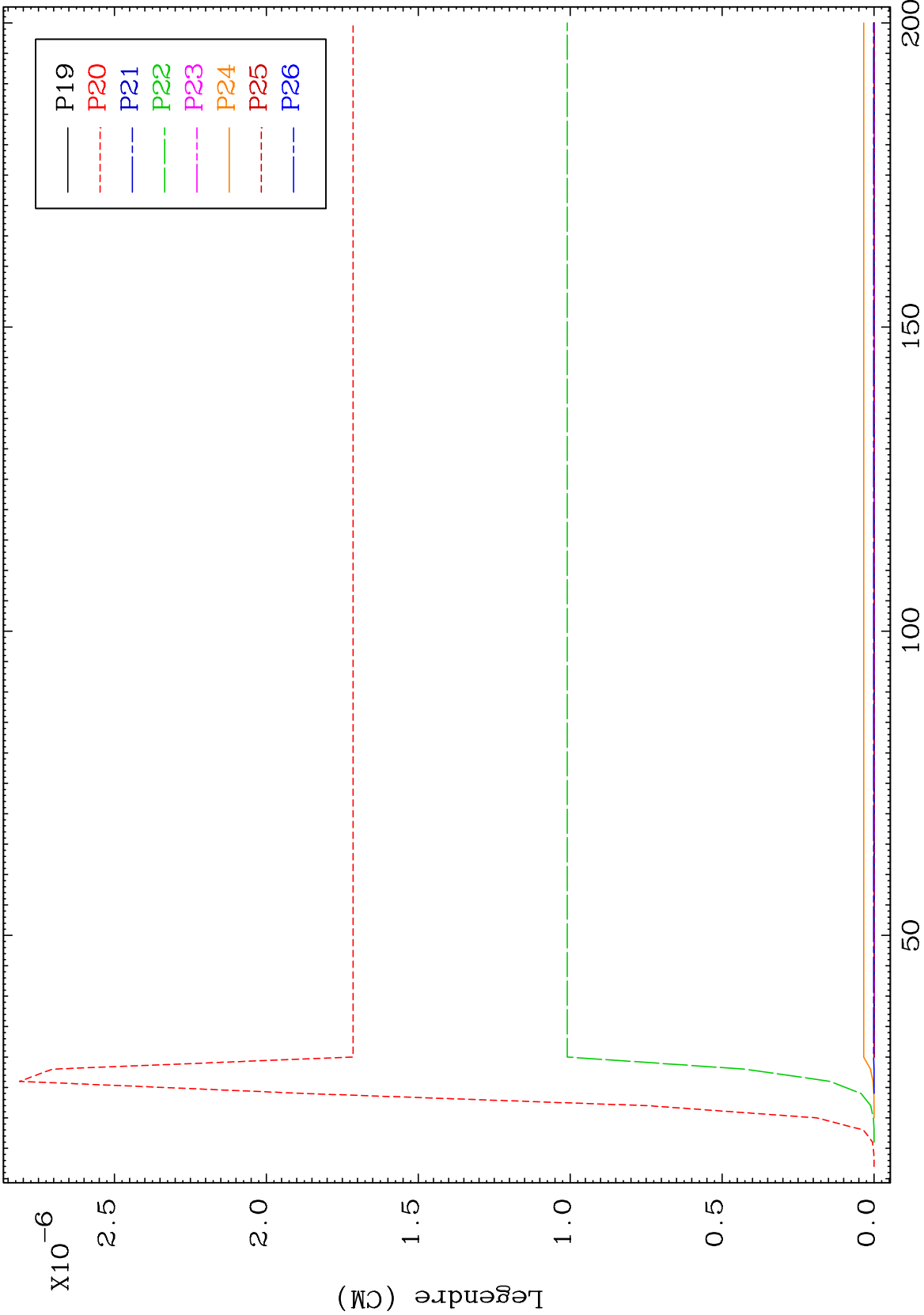
Incident Energy (MeV)

81-T1-208

MAT 8140

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

81-T1-208



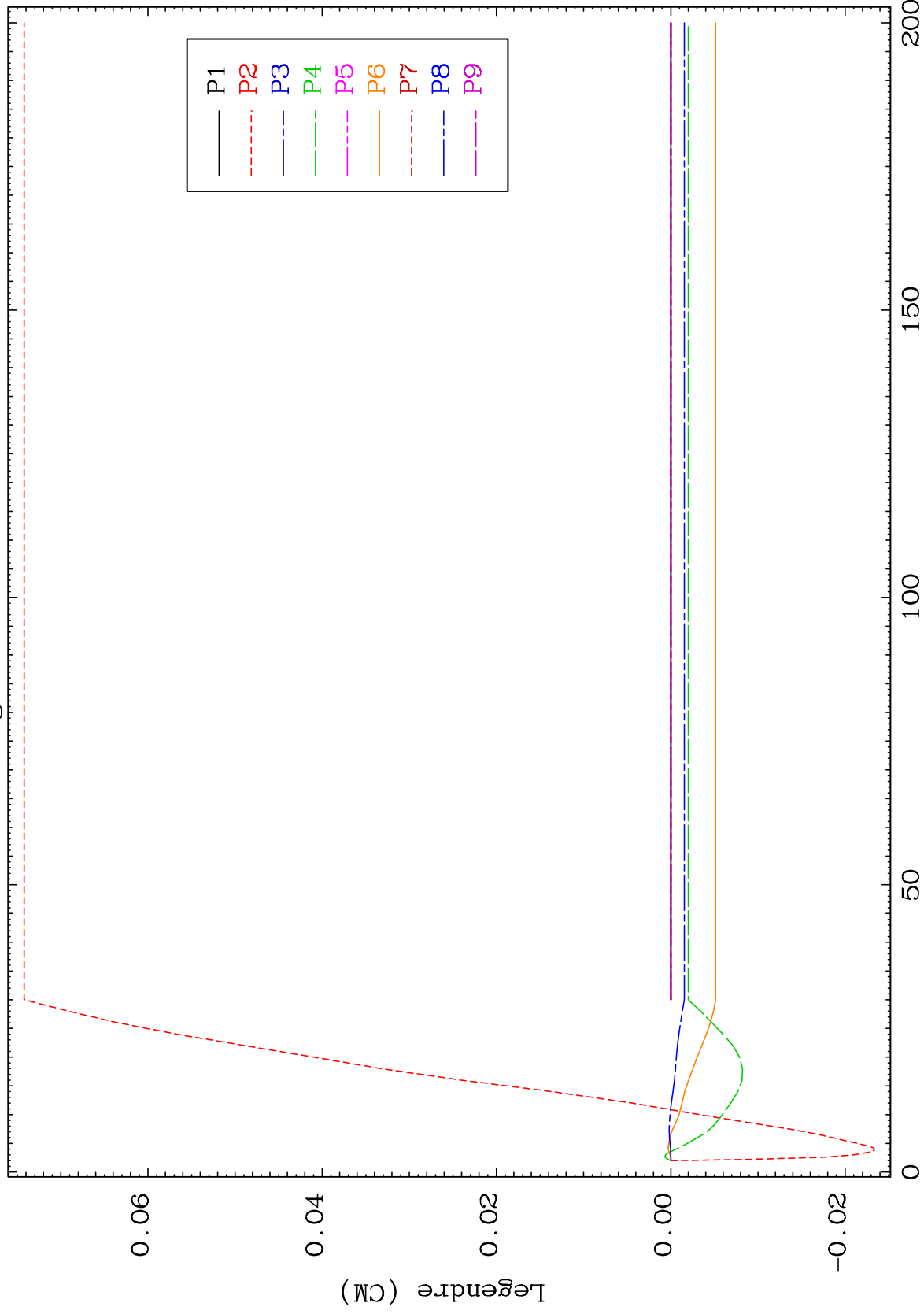
112

81-T1-208

MAT 8140

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

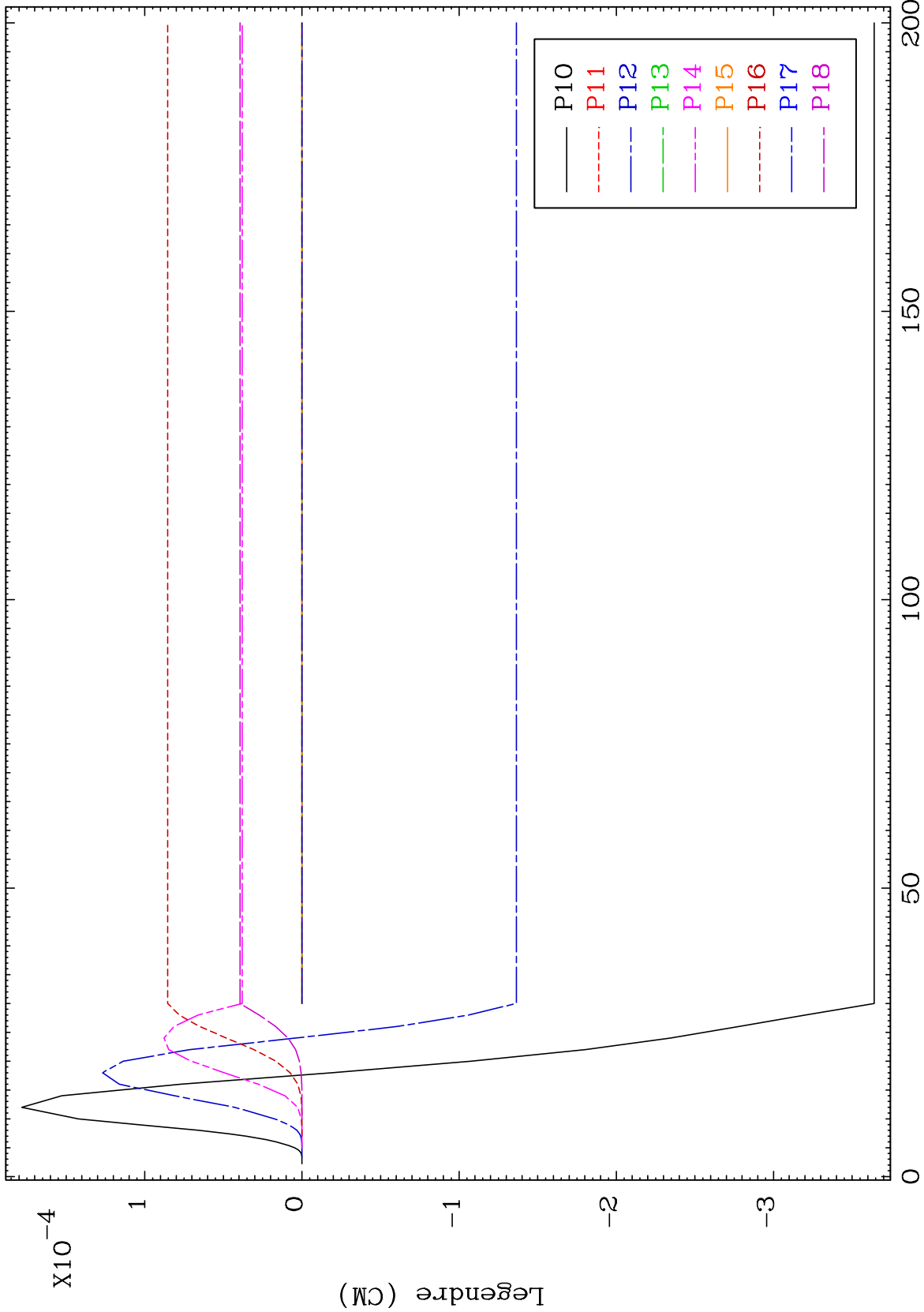
81-T1-208

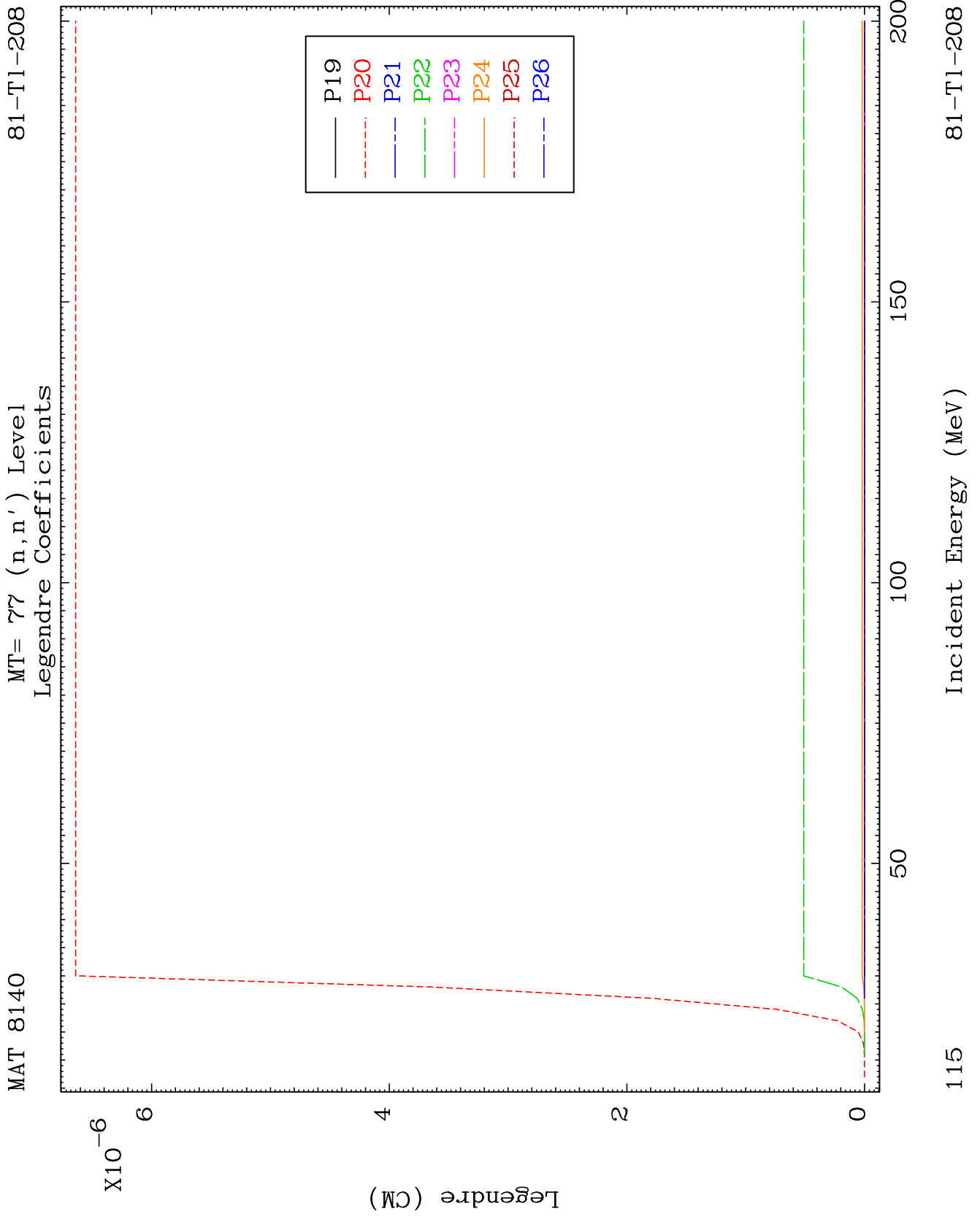


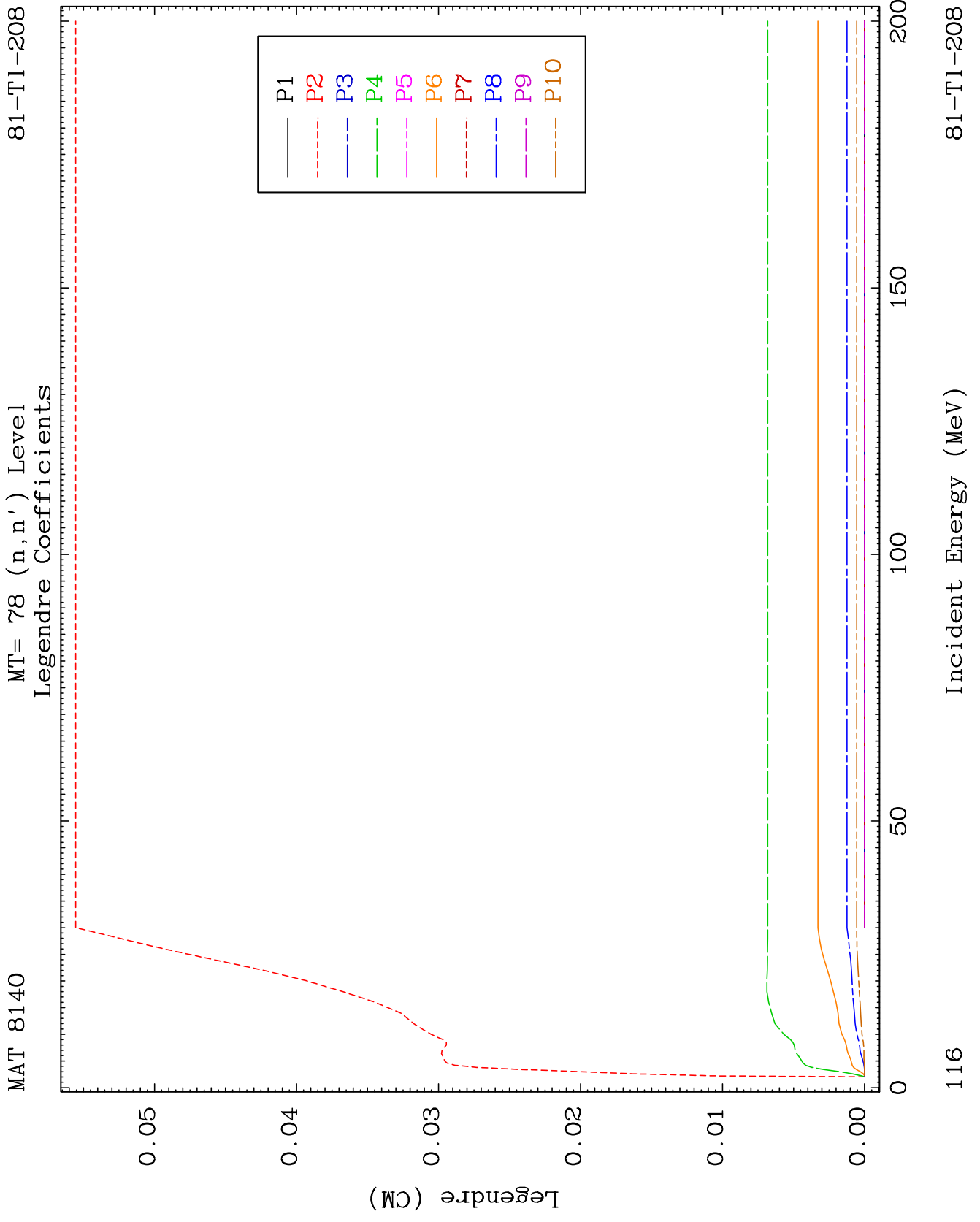
81-T1-208

Incident Energy (MeV)

113



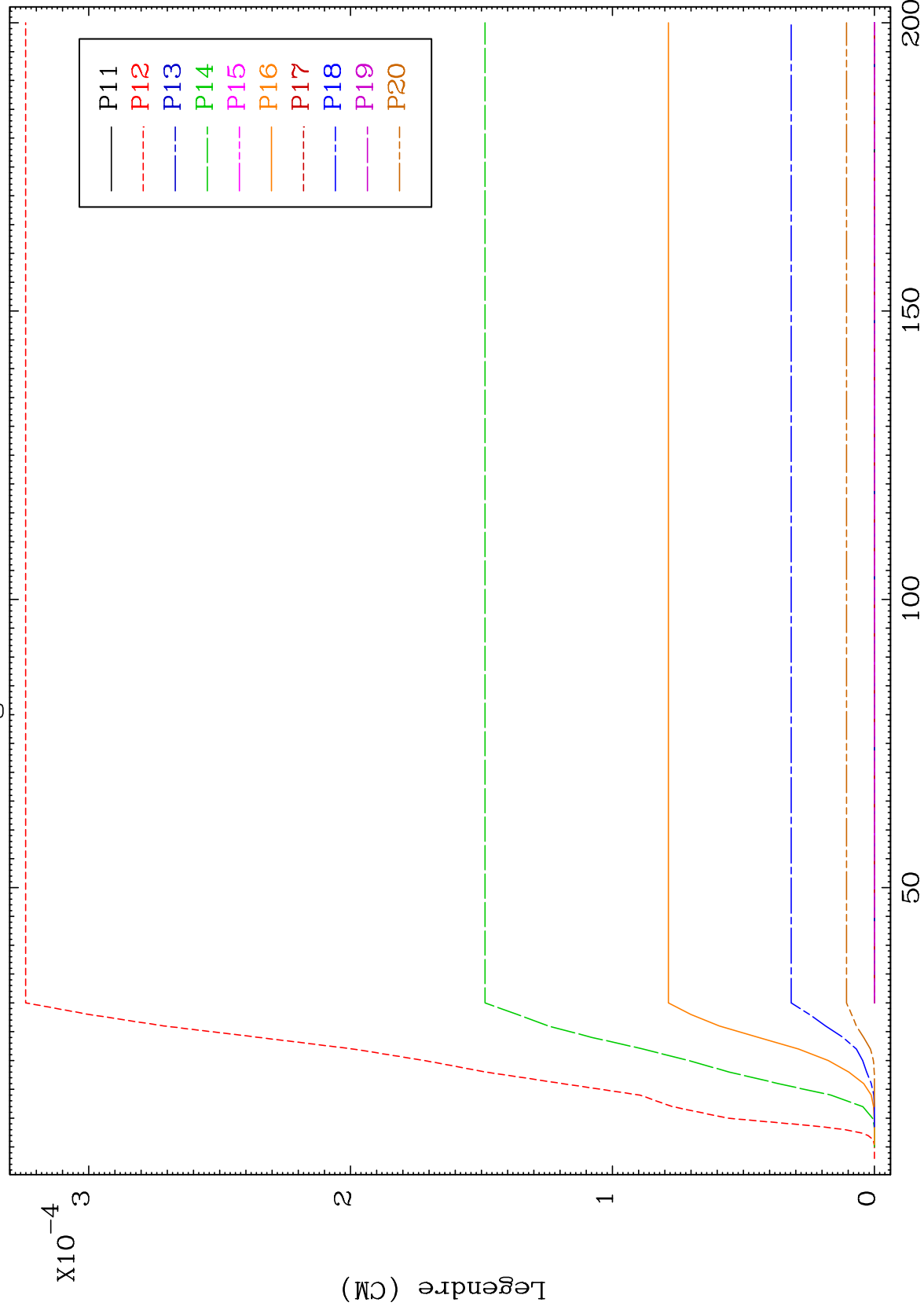




MAT 8140

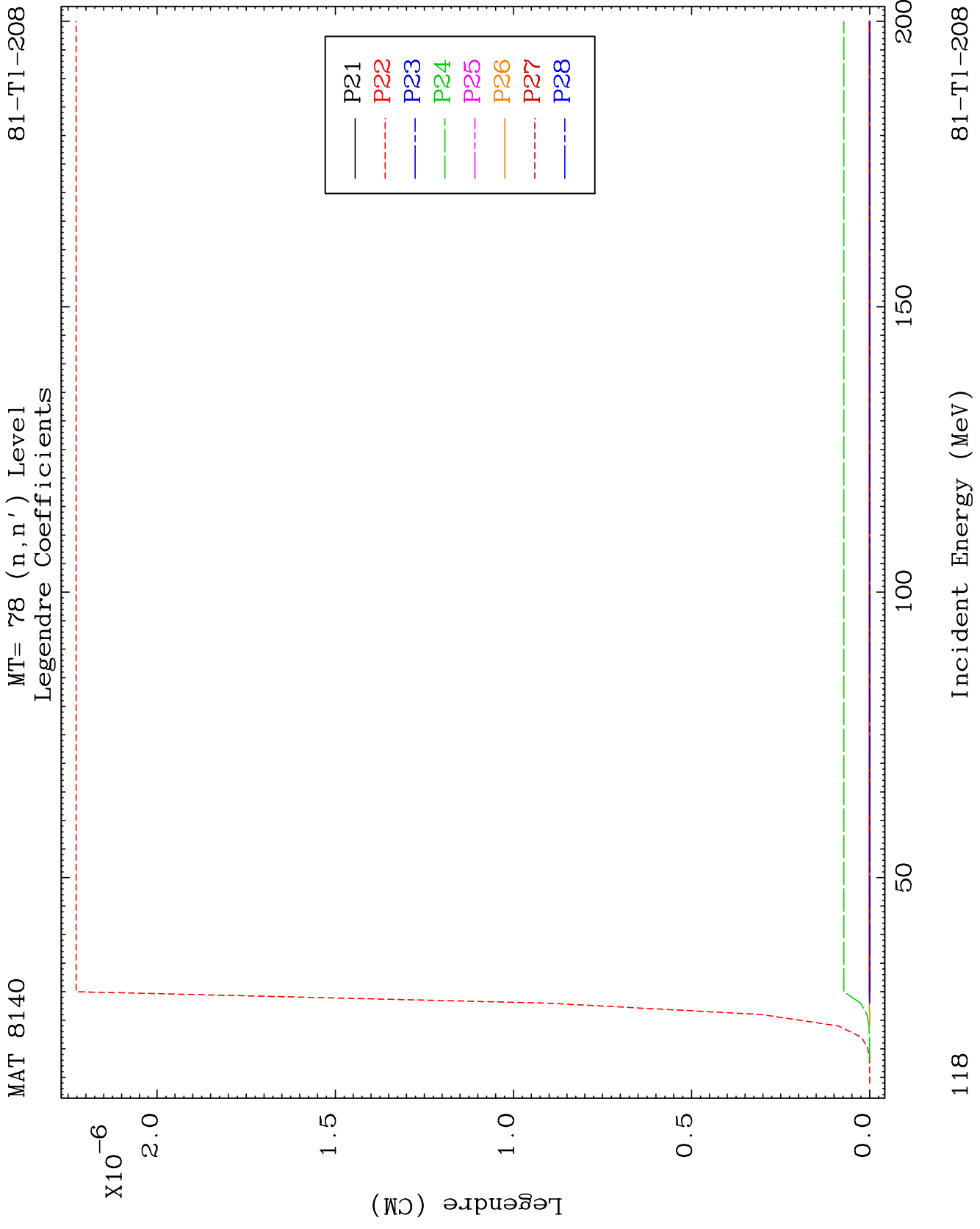
MT= 78 (n,n') Level
Legendre Coefficients

81-T1-208



117

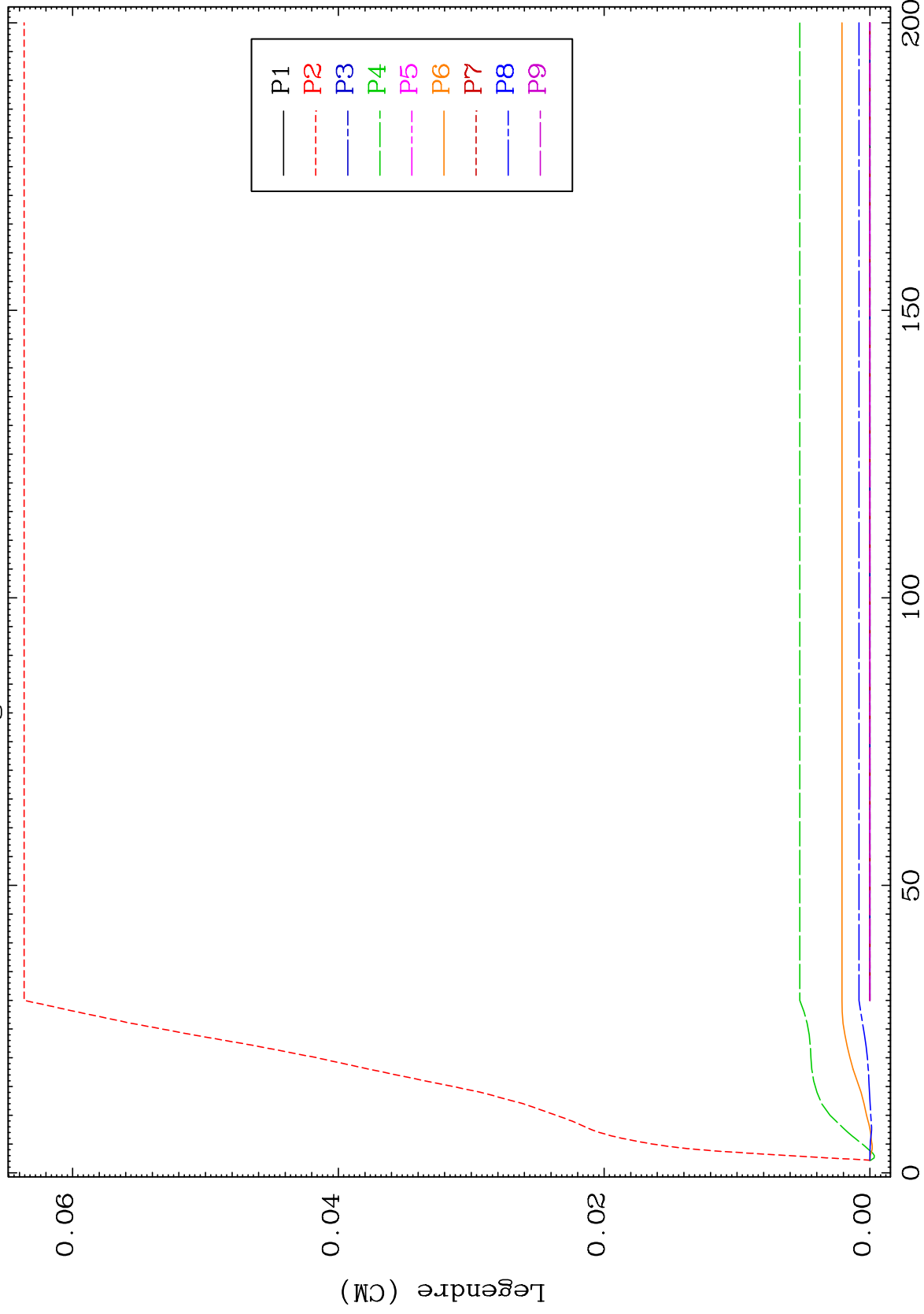
81-T1-208



MAT 8140

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

81-T1-208



119

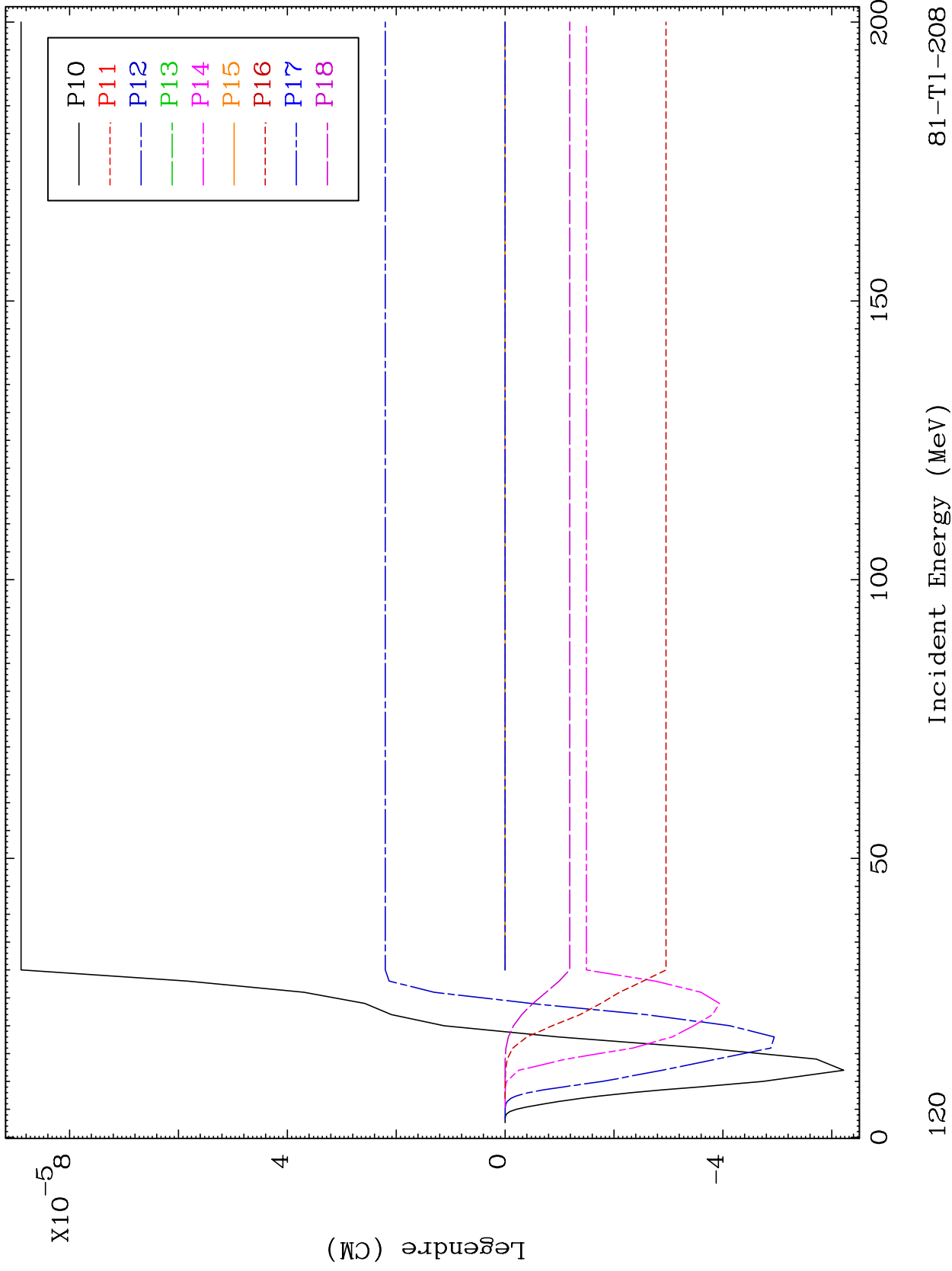
Incident Energy (MeV)

81-T1-208

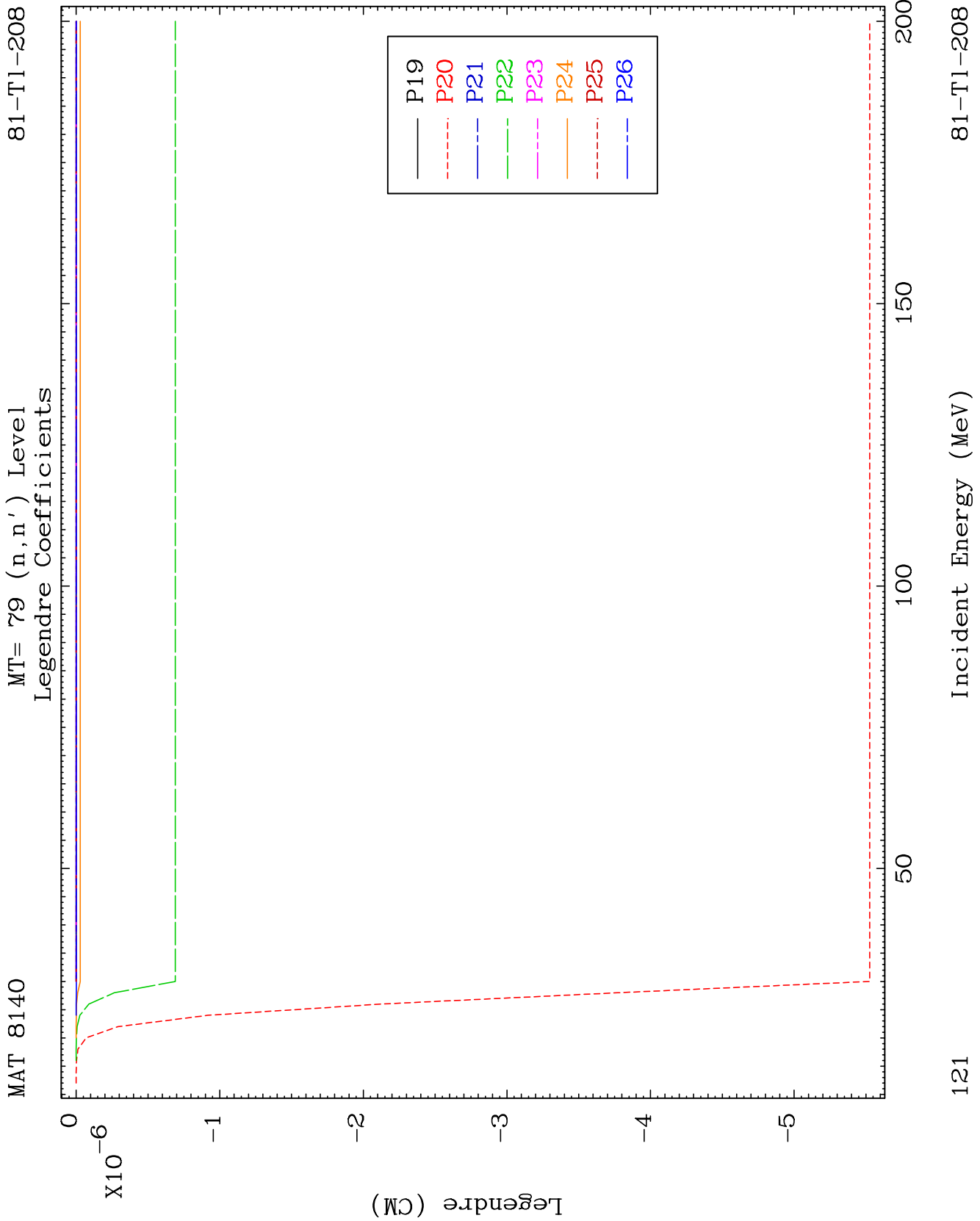
MAT 8140

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

81-Tl-208

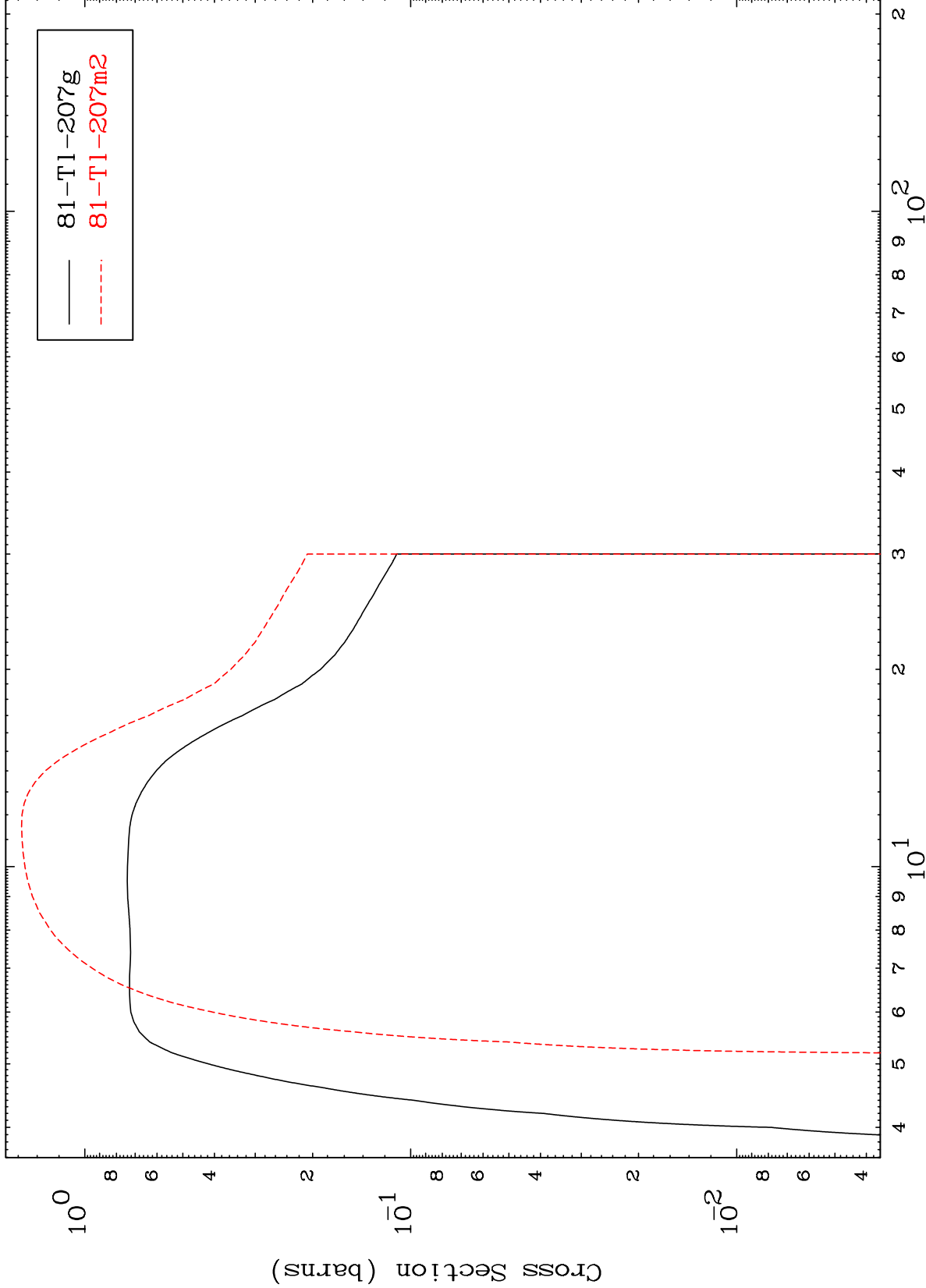


81-Tl-208



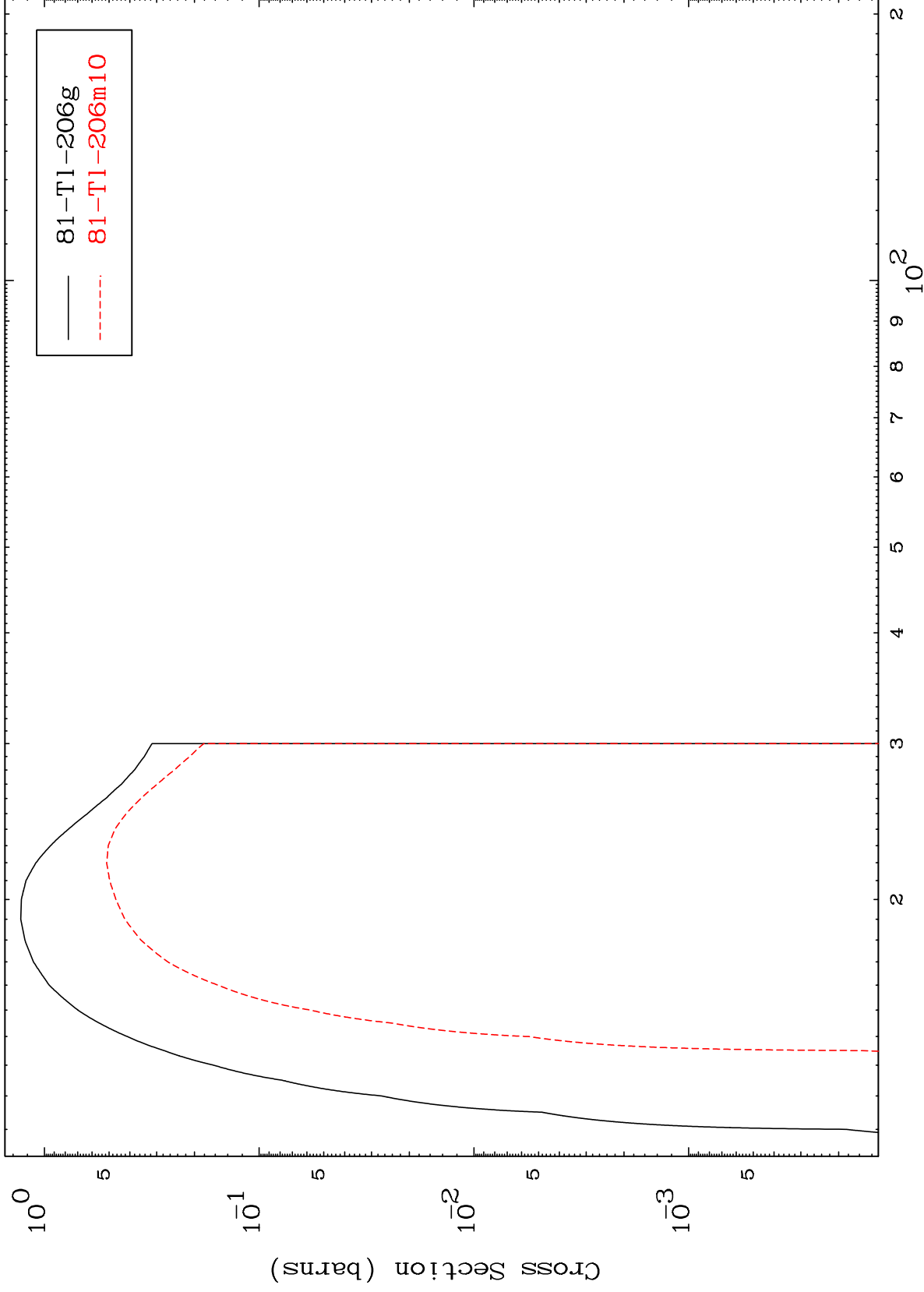
(n,2n)

Radionuclide Production Cross Section



81-Tl-207g
81-Tl-207m2

Radionuclide Production Cross Section



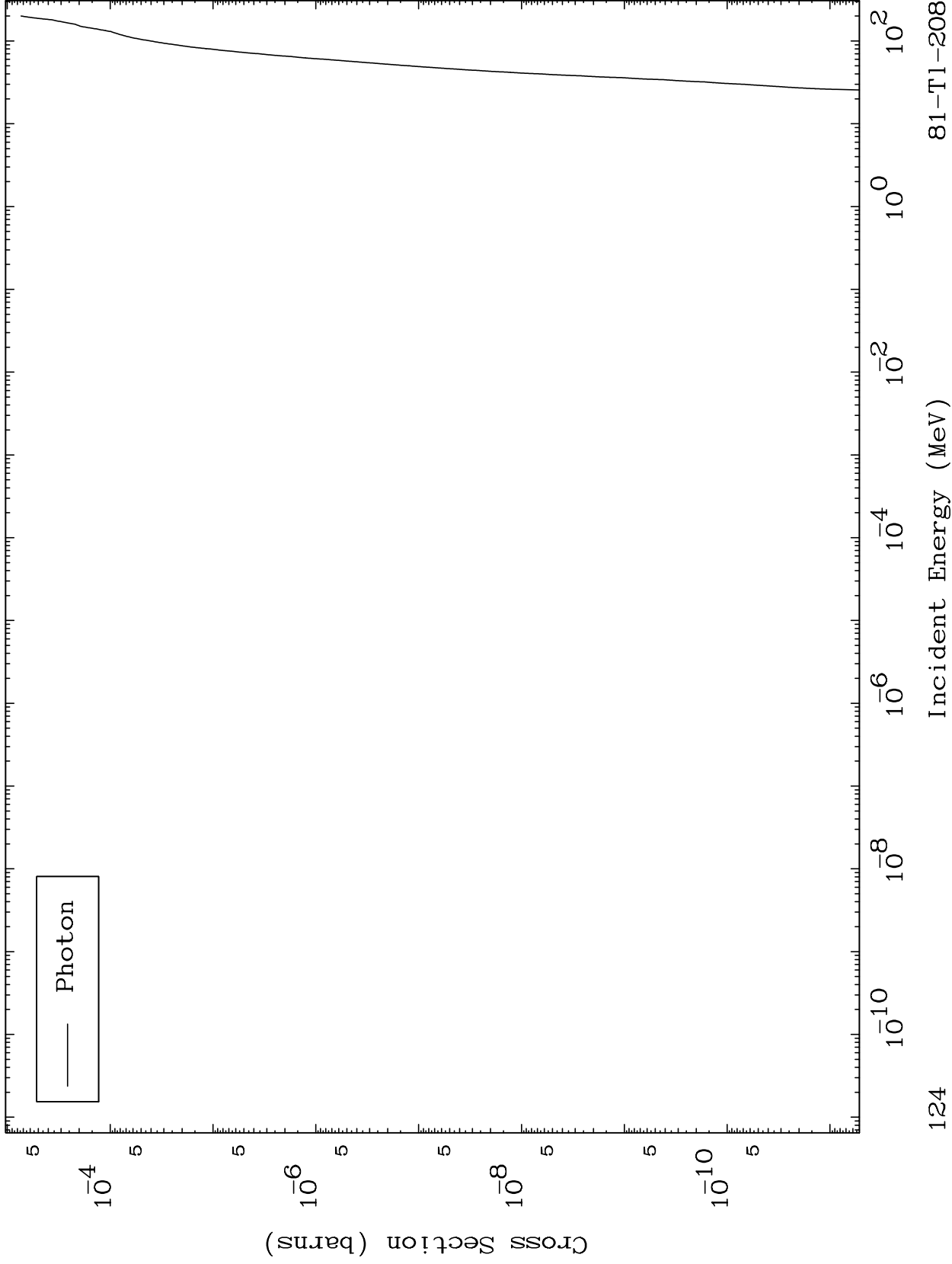
81-Tl-206g
81-Tl-206m10

MAT 8140

Fission

81-Tl-208

Radionuclide Production Cross Section



124

Incident Energy (MeV)

81-Tl-208