

Program EVALPLOT
(Version 2018-1)

by

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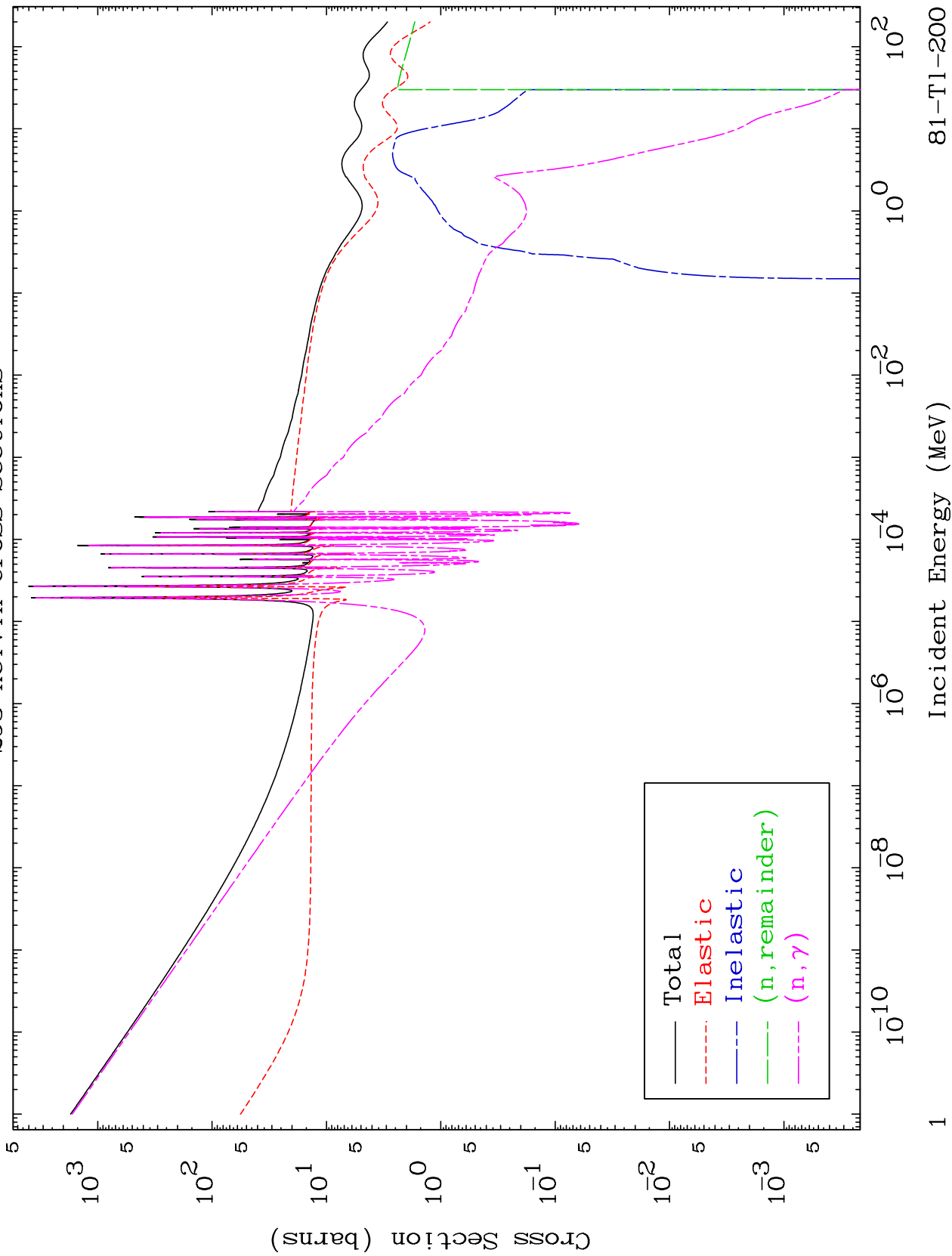
Press Mouse Button to Start

MAT 81116

Major

293 Kelvin Cross Sections

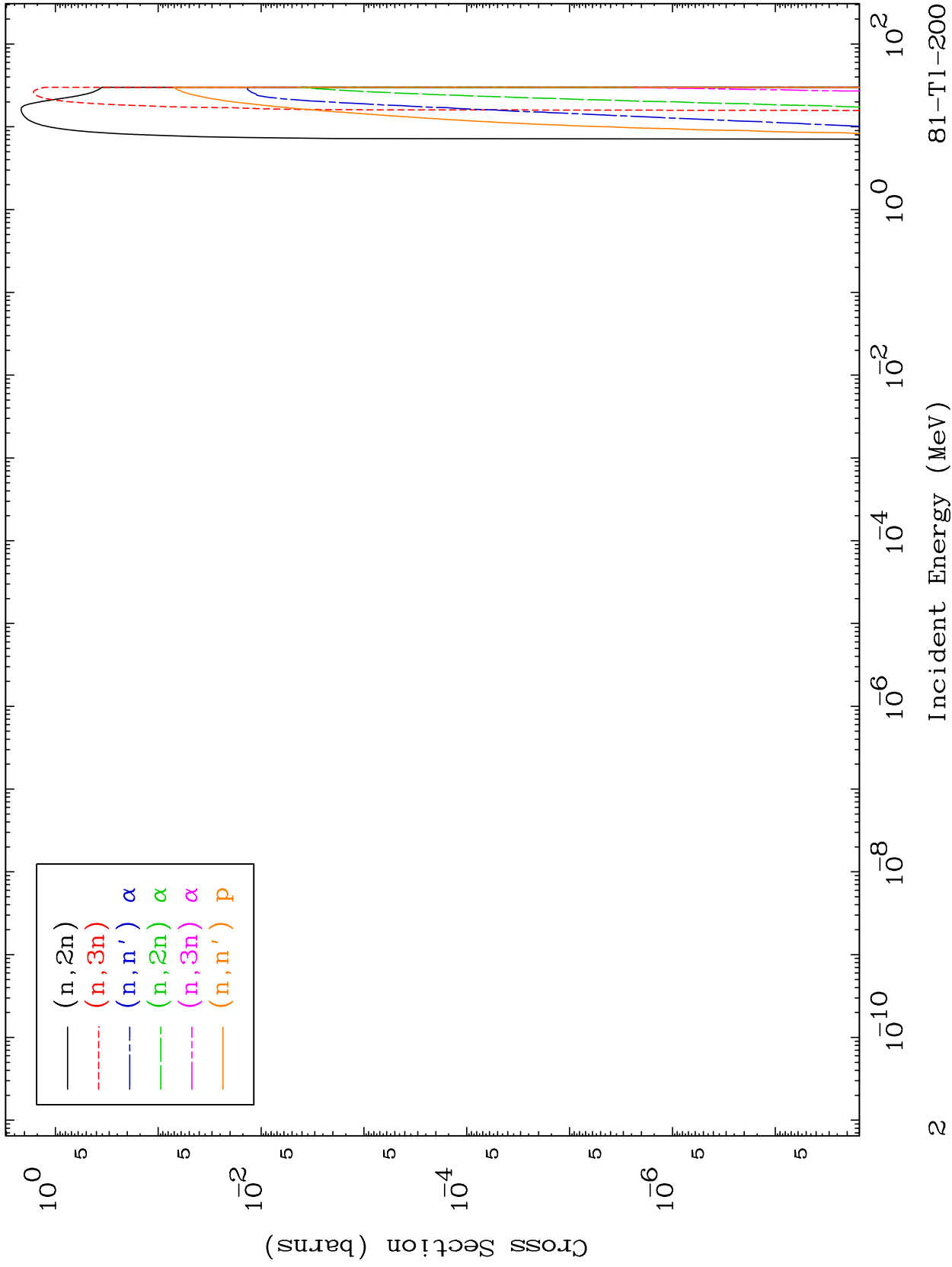
81-Tl-200



MAT 81116

Neutron Production
293 Kelvin Cross Sections

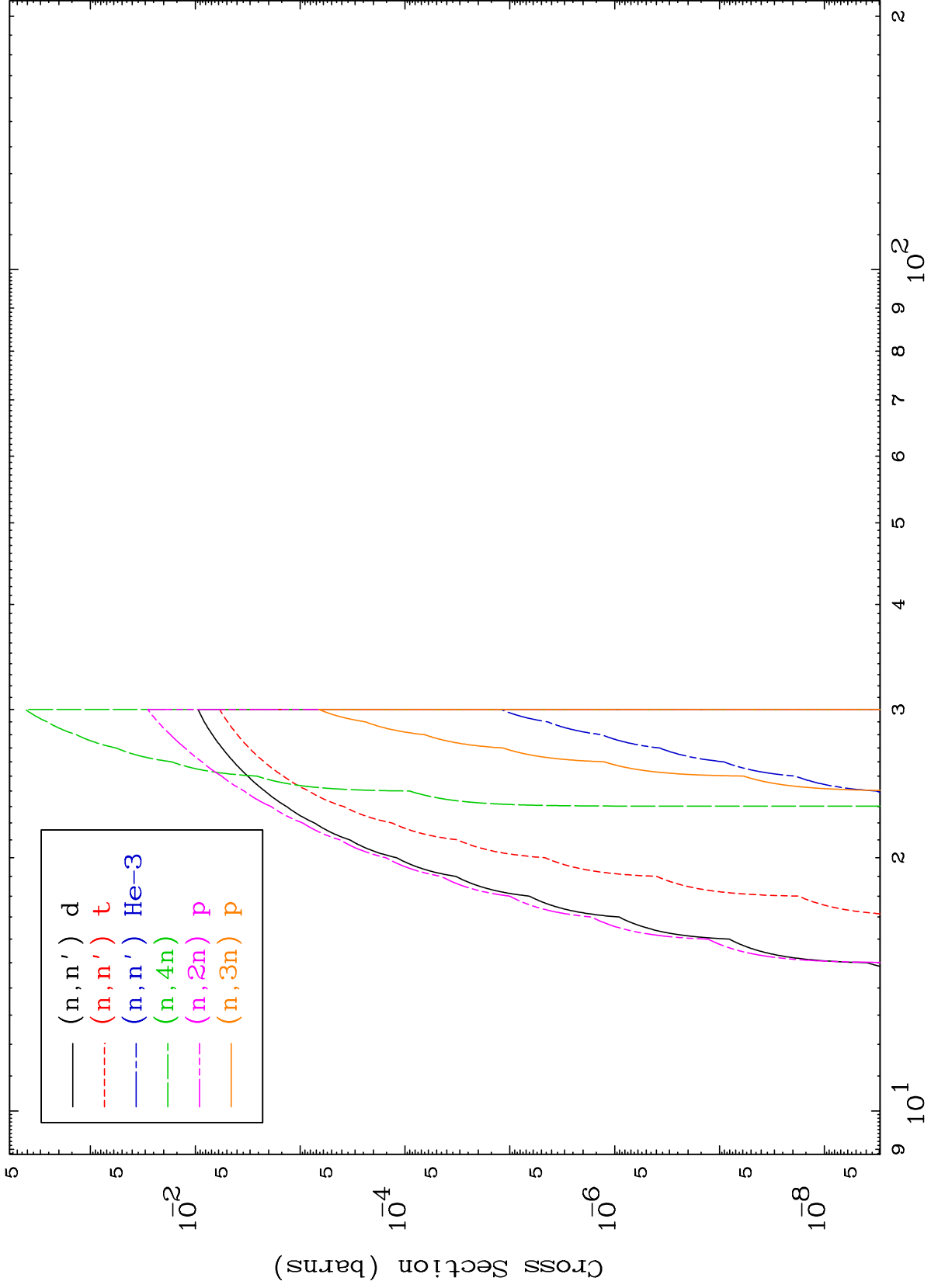
81-Tl-200



MAT 81116

Neutron Production
293 Kelvin Cross Sections

81-Tl-200



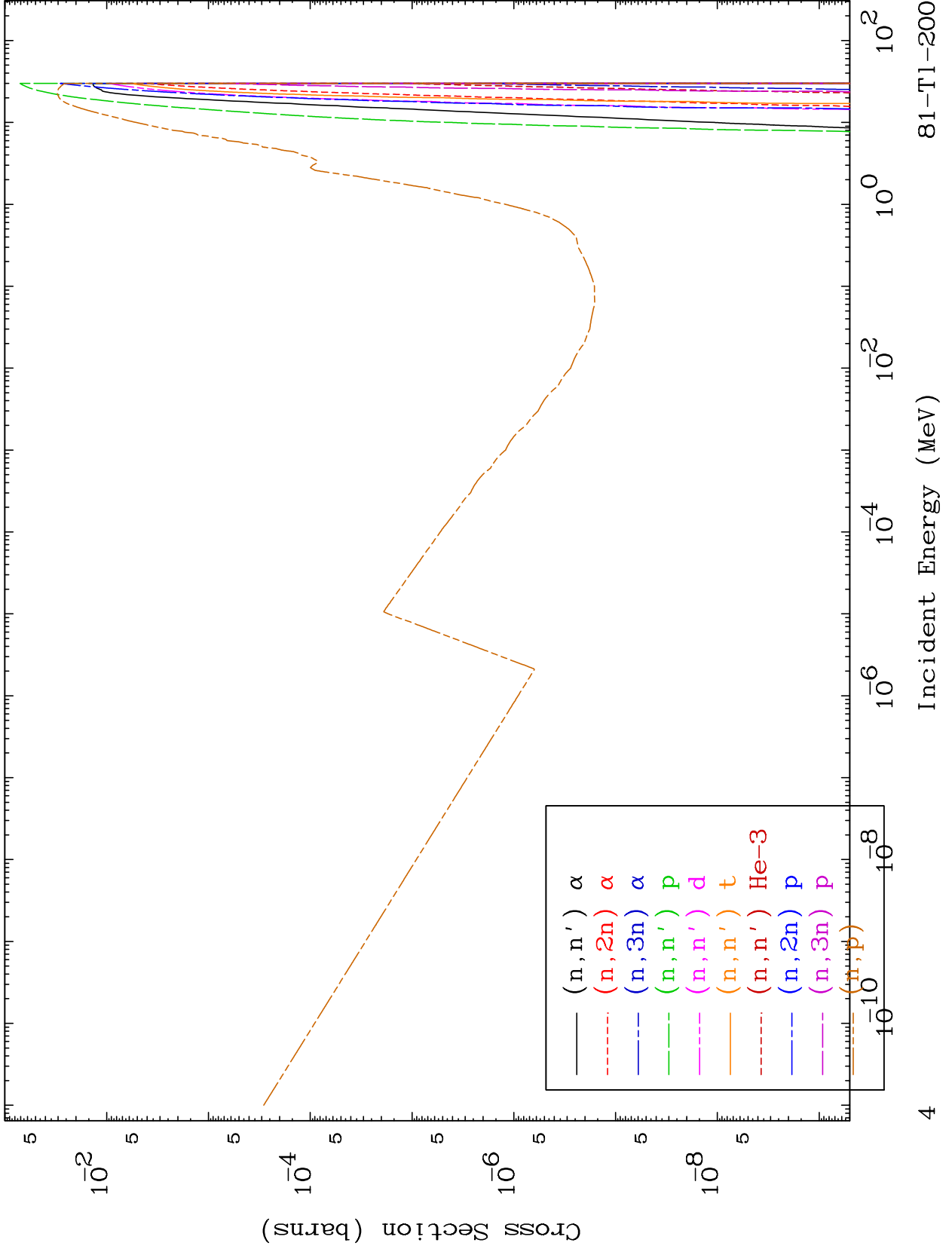
Incident Energy (MeV)

81-Tl-200

MAT 81116

Charged Particle
293 Kelvin Cross Sections

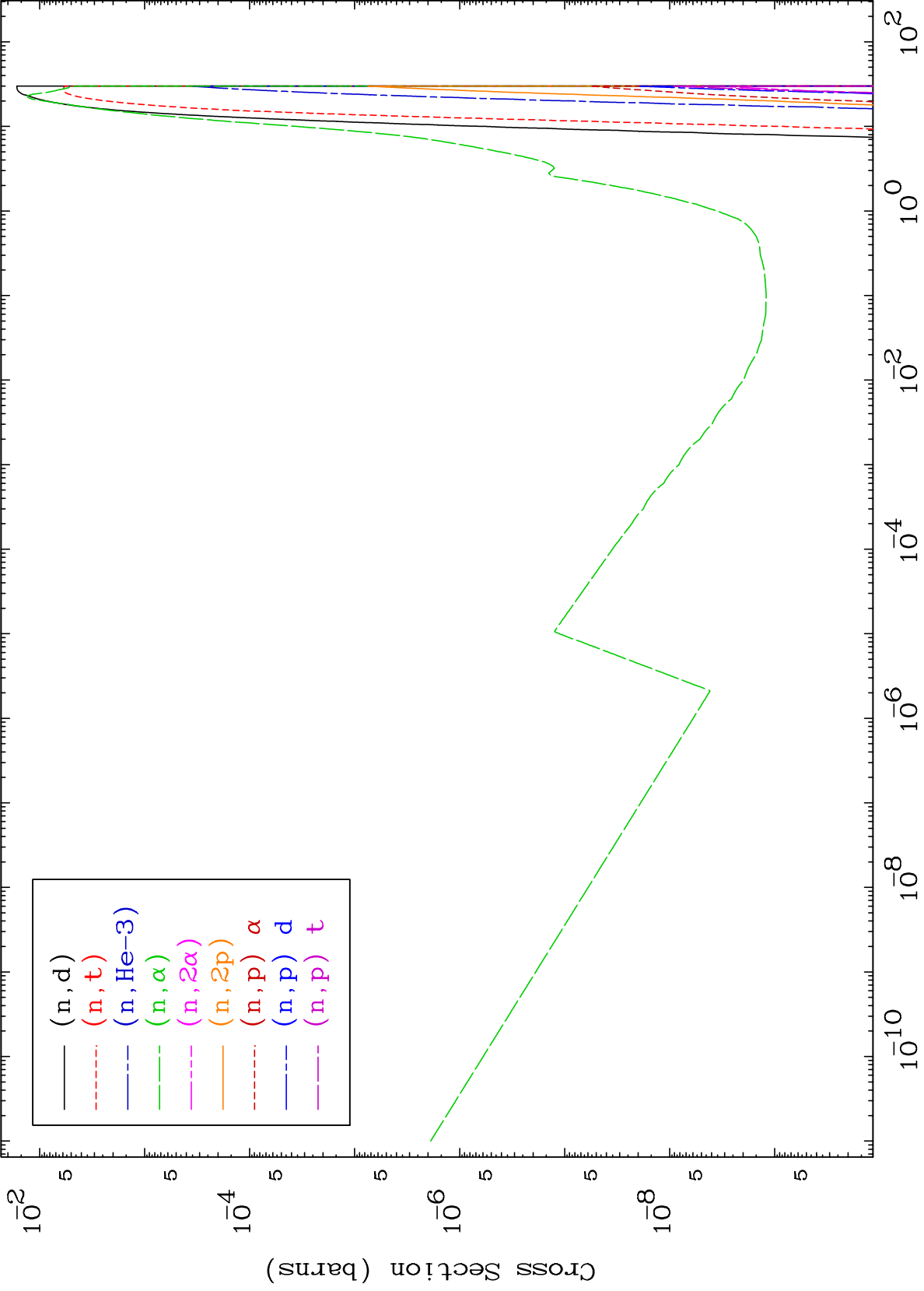
81-Tl-200



MAT 81116

Charged Particle
293 Kelvin Cross Sections

81-Tl-200



5

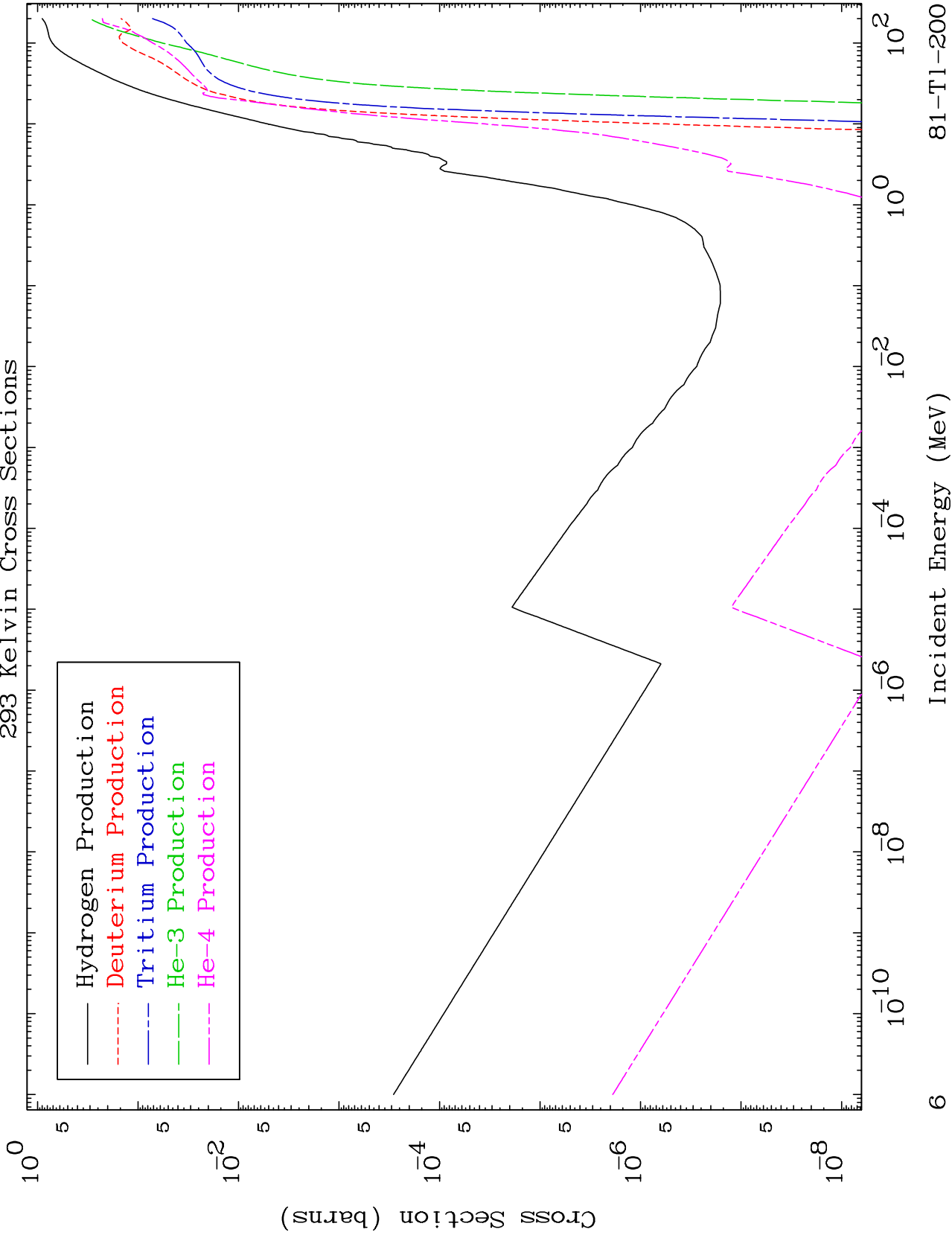
Incident Energy (MeV)

81-Tl-200

MAT 81116

Particle Production
293 Kelvin Cross Sections

81-Tl-200

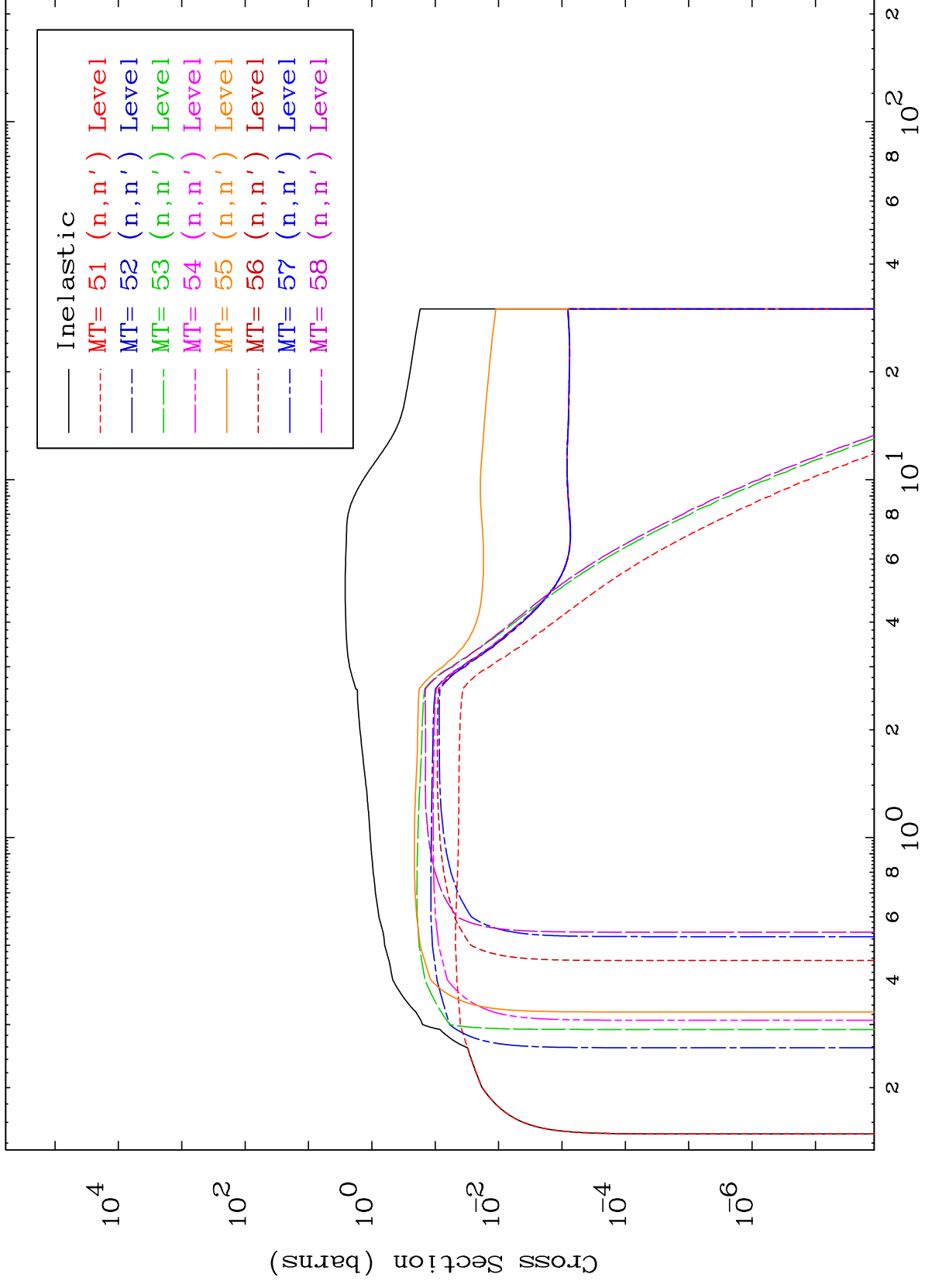


MAT 81116

(n,n') Level

81-Tl-200

293 Kelvin Cross Sections

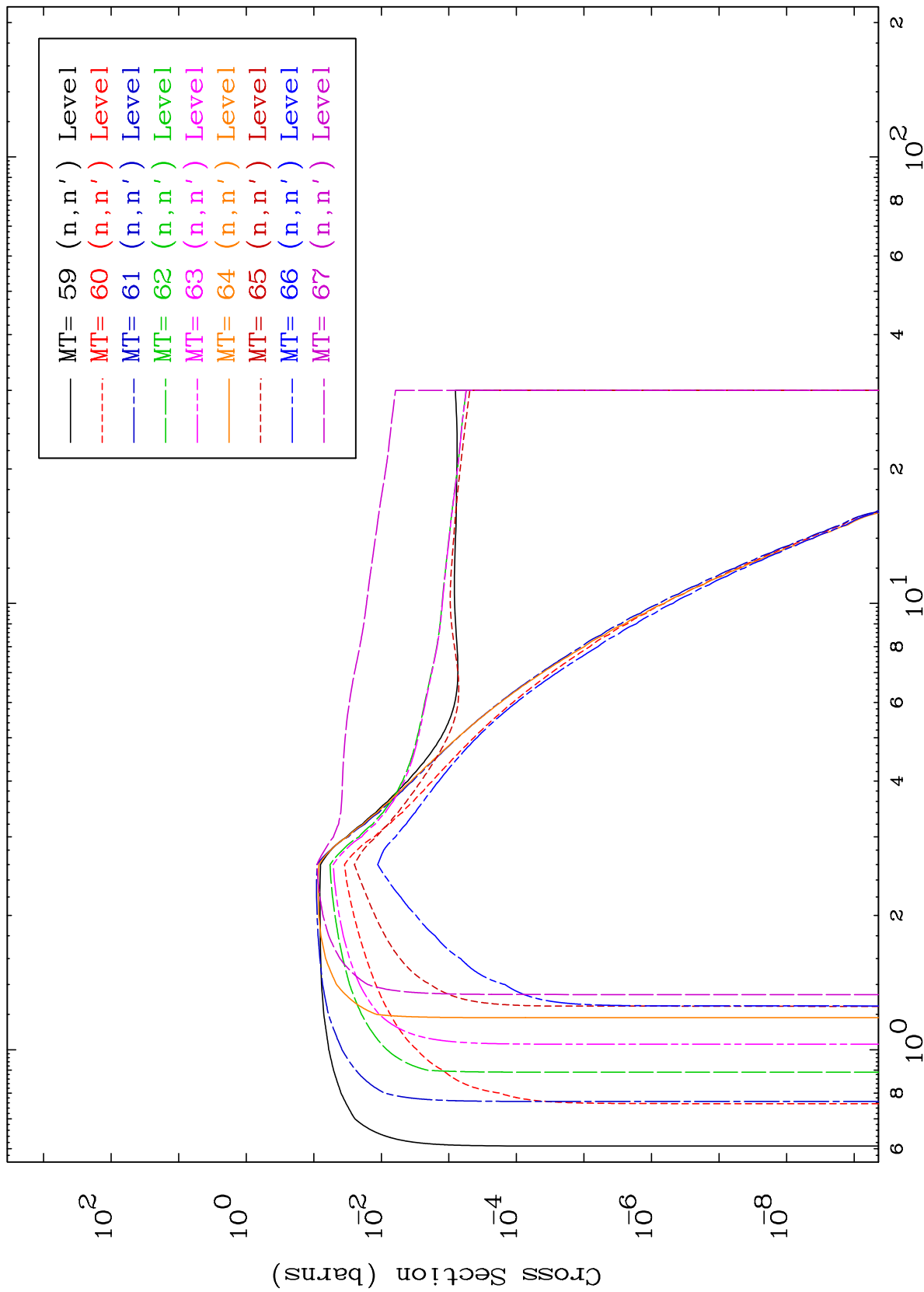


MAT 81116

(n,n') Level

81-Tl-200

293 Kelvin Cross Sections

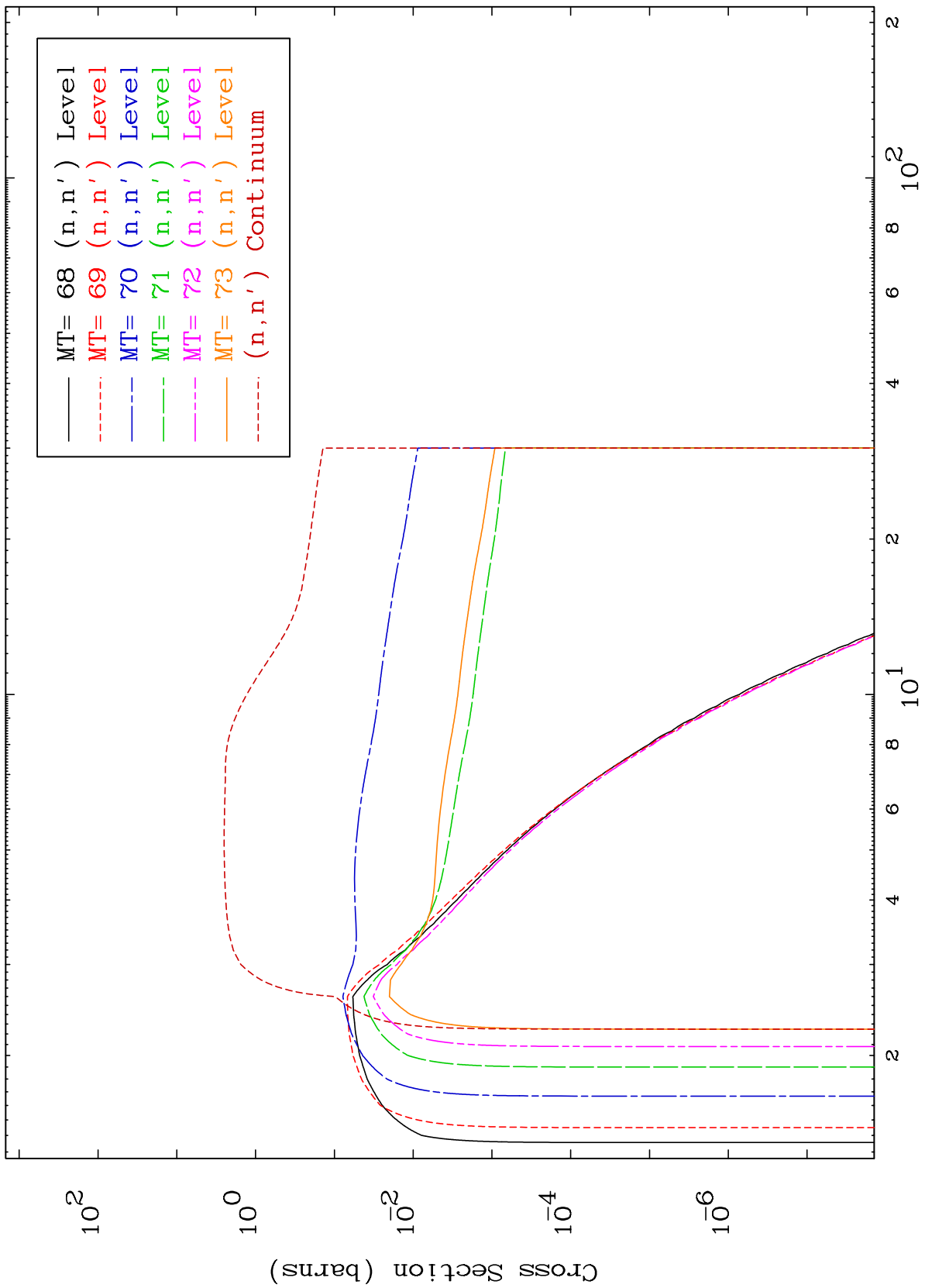


8

Incident Energy (MeV)

81-Tl-200

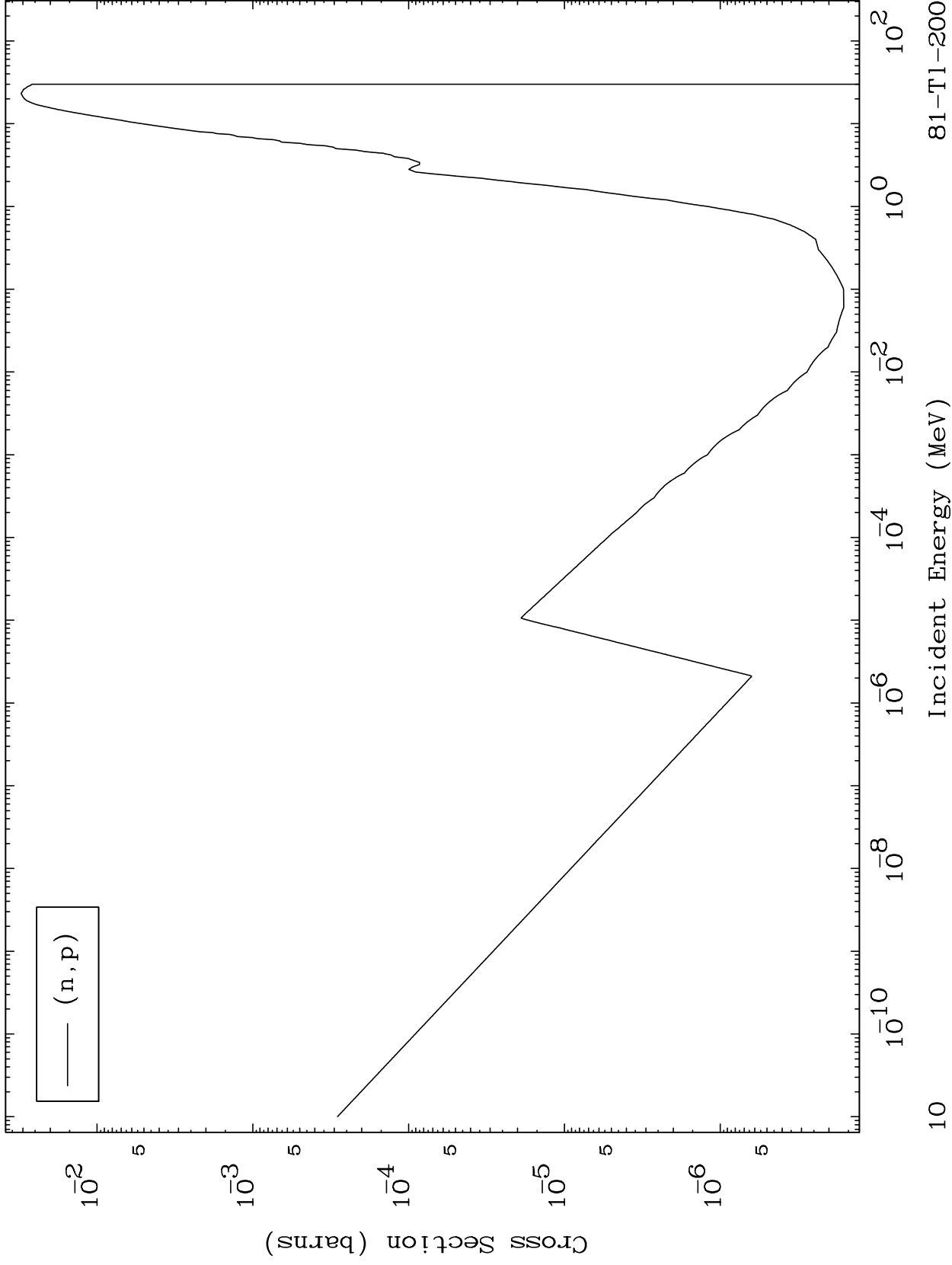
293 Kelvin Cross Sections



MAT 81116

(n,p) Levels
293 Kelvin Cross Sections

81-Tl-200



10

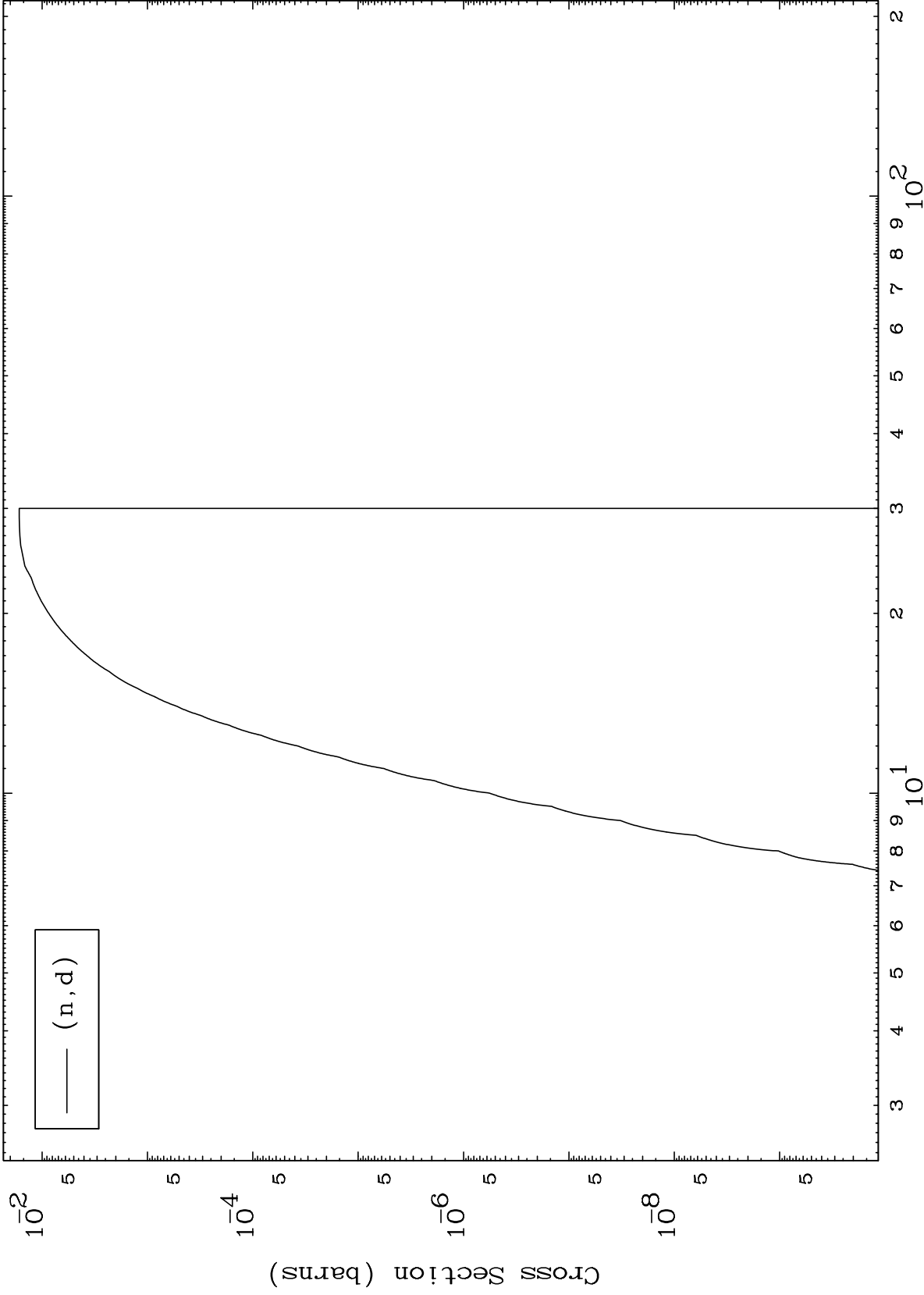
Incident Energy (MeV)

81-Tl-200

MAT 81116

(n,d) Levels
293 Kelvin Cross Sections

81-Tl-200



11

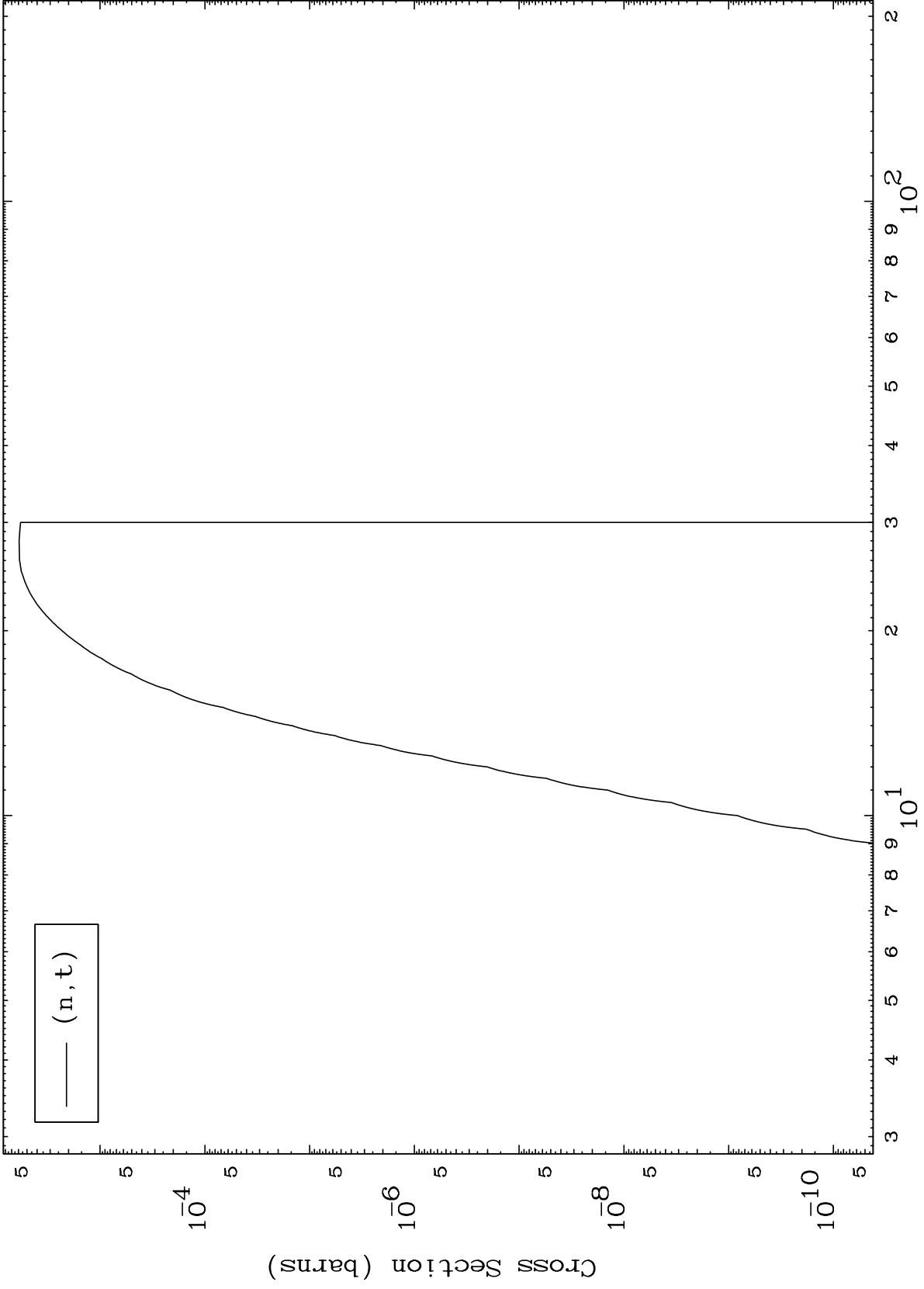
Incident Energy (MeV)

81-Tl-200

MAT 81116

(n,t) Levels
293 Kelvin Cross Sections

81-Tl-200



(n,t)

Incident Energy (MeV)

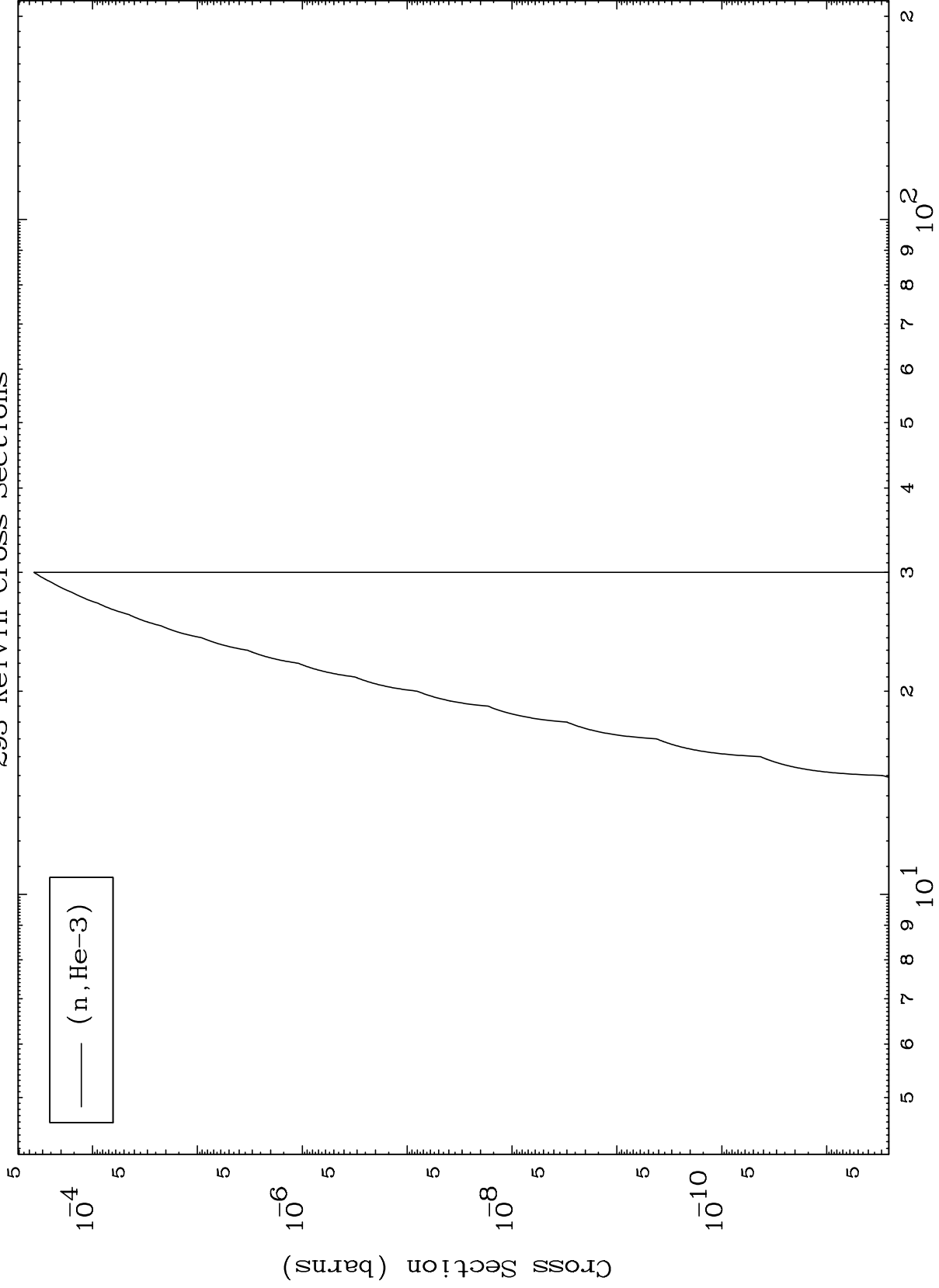
81-Tl-200

12

MAT 81116

(n,He3) Levels
293 Kelvin Cross Sections

81-T1-200



13

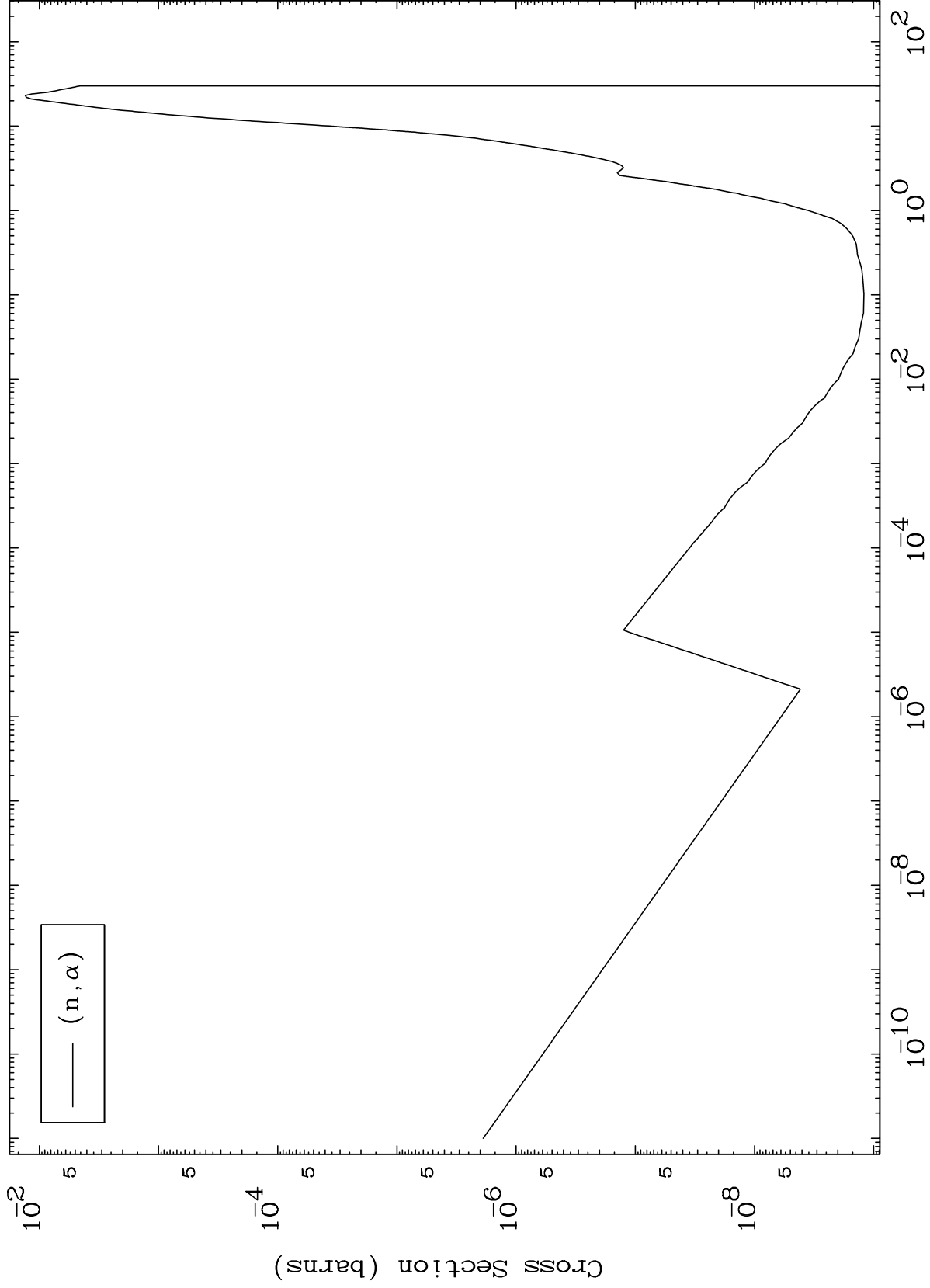
Incident Energy (MeV)

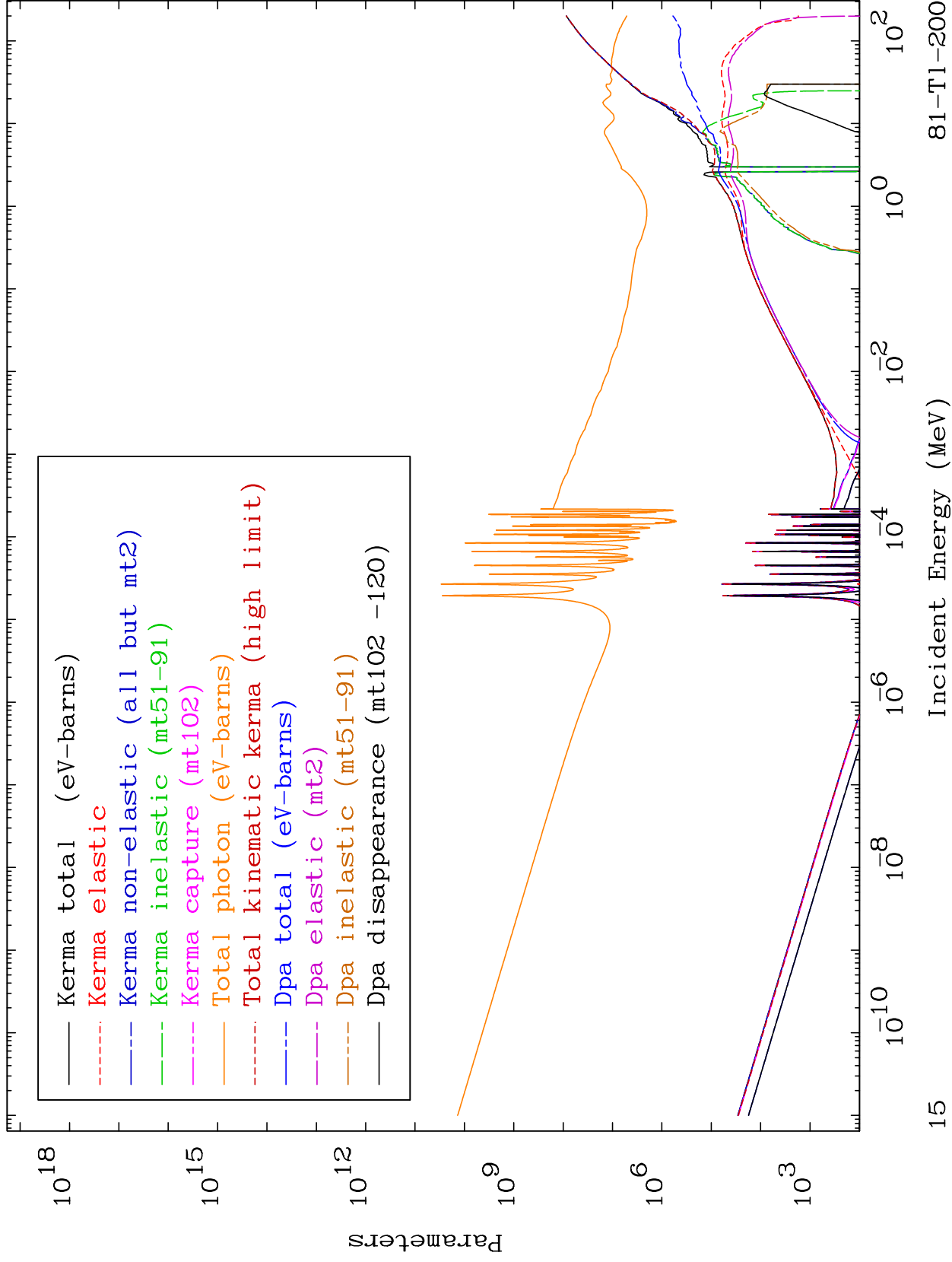
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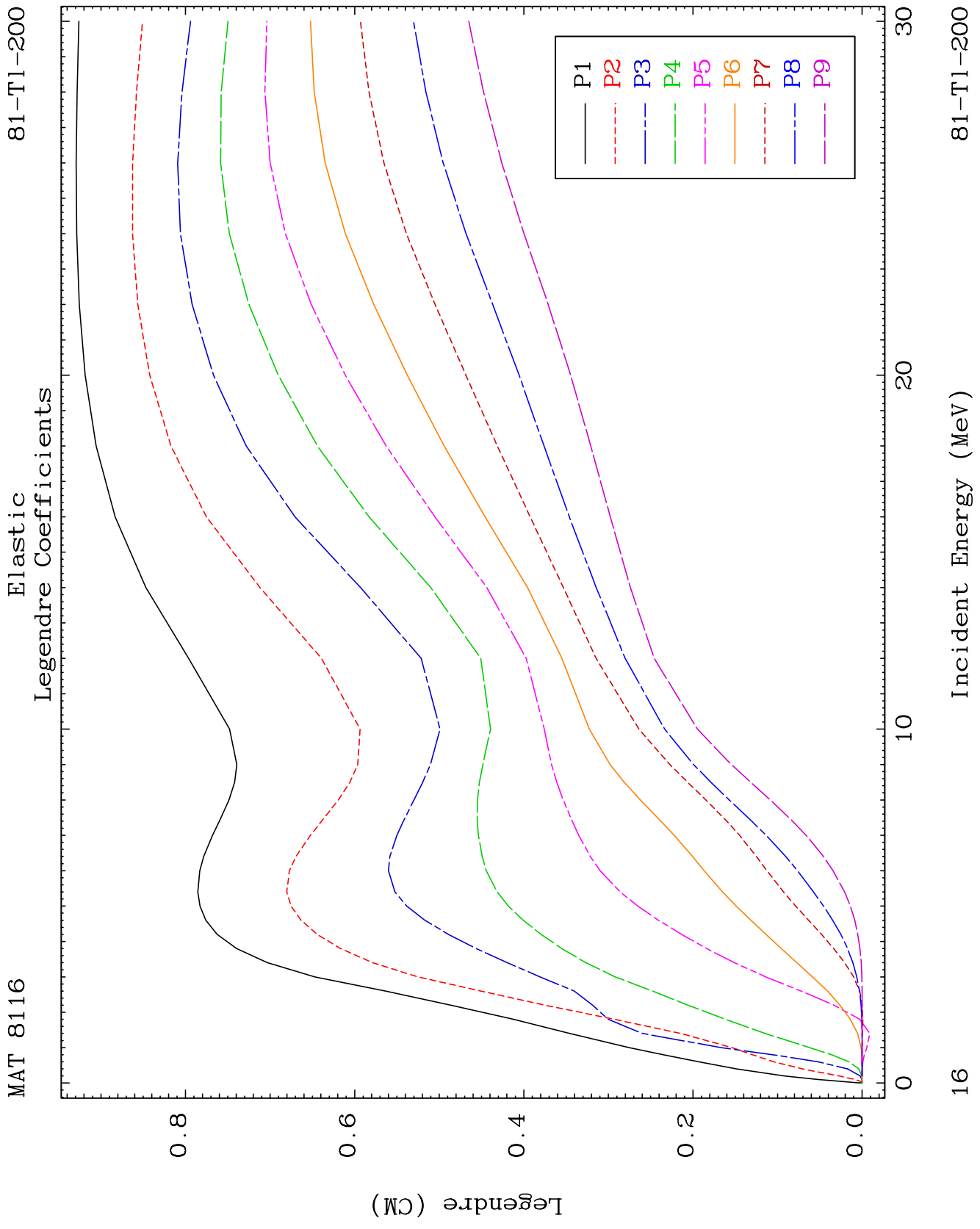
MAT 81116

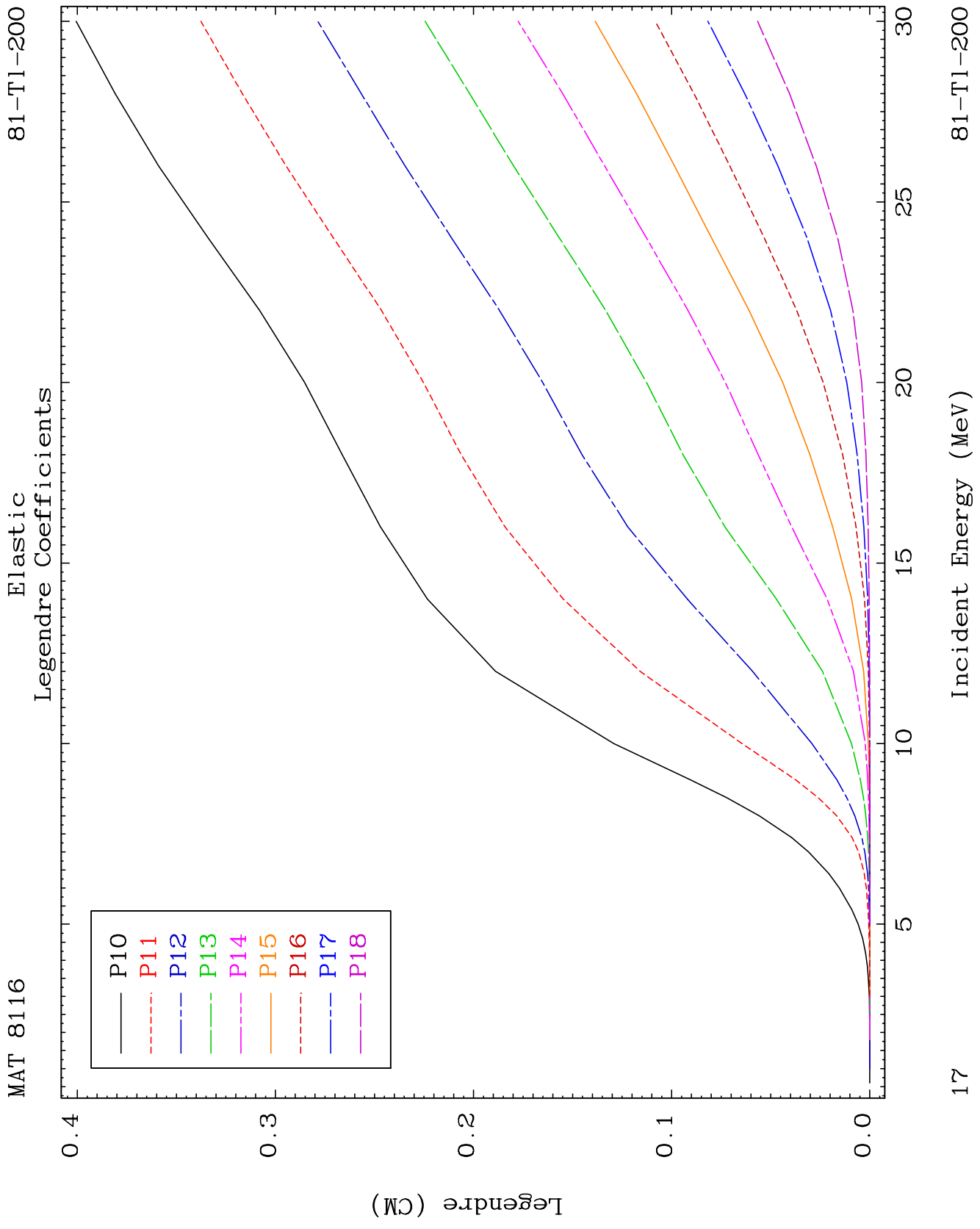
(n, α) Levels
293 Kelvin Cross Sections

81-Tl-200









81-T1-200

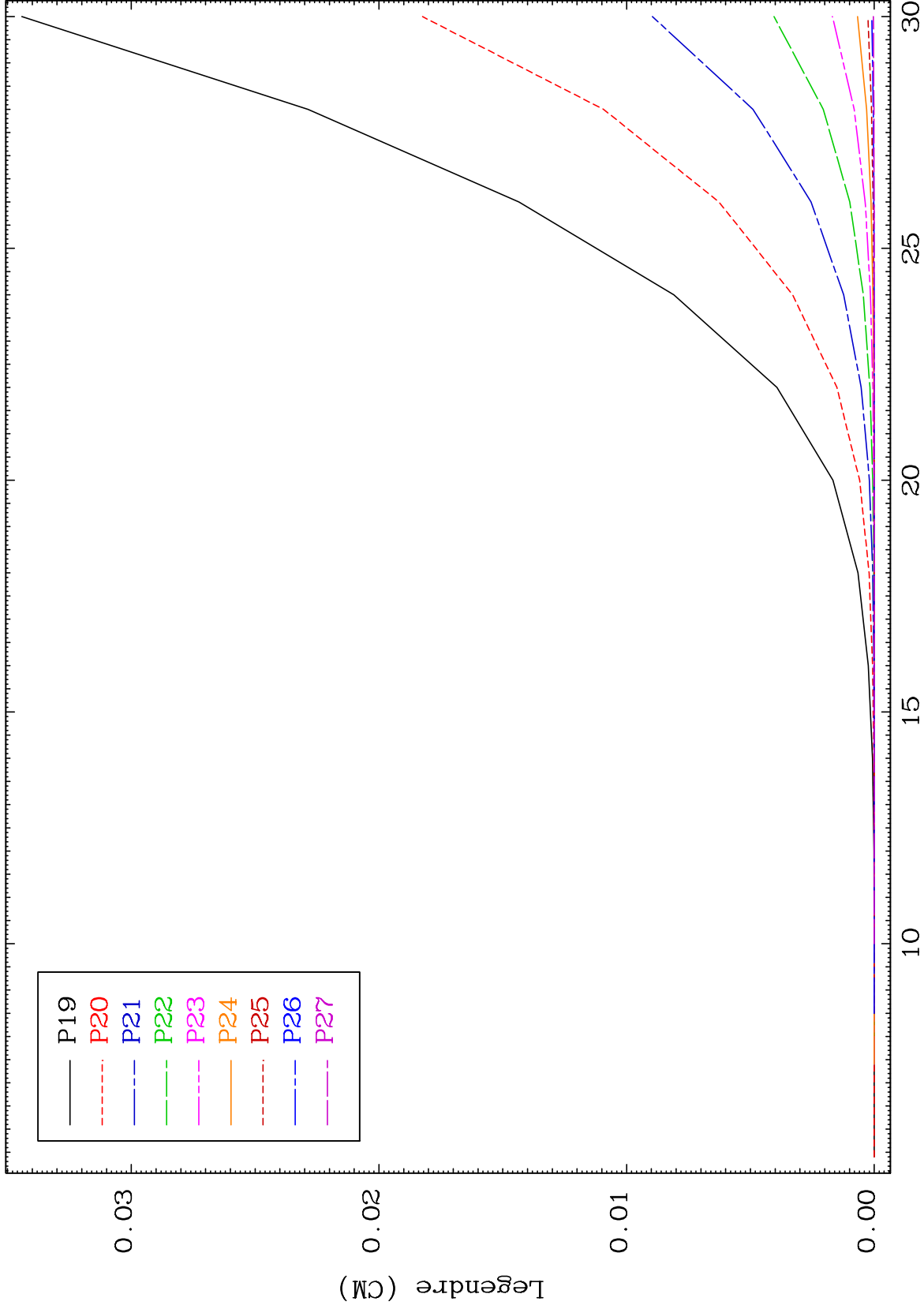
81-T1-200

17

MAT 8116

Elastic
Legendre Coefficients

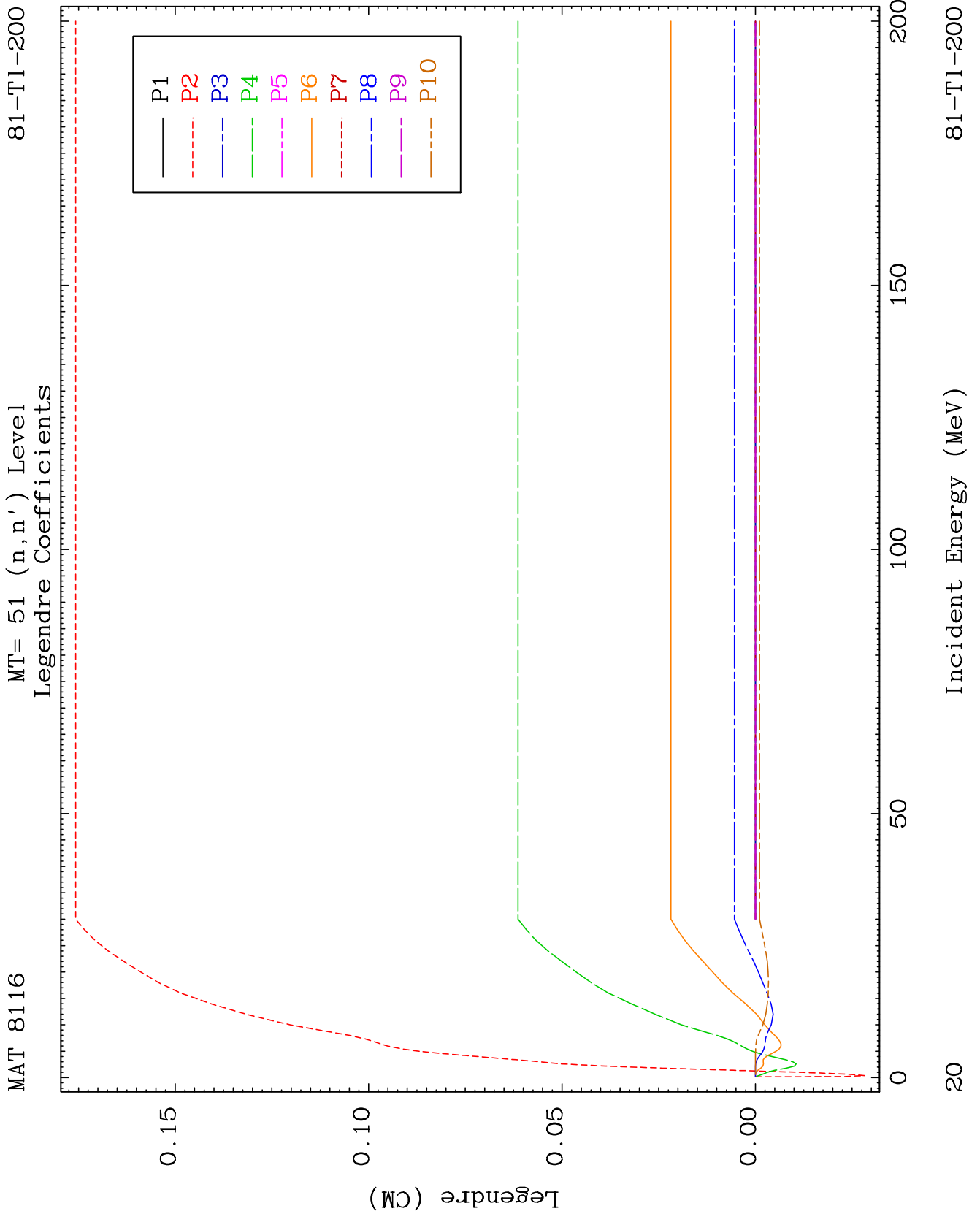
81-T1-200



18

Incident Energy (MeV)

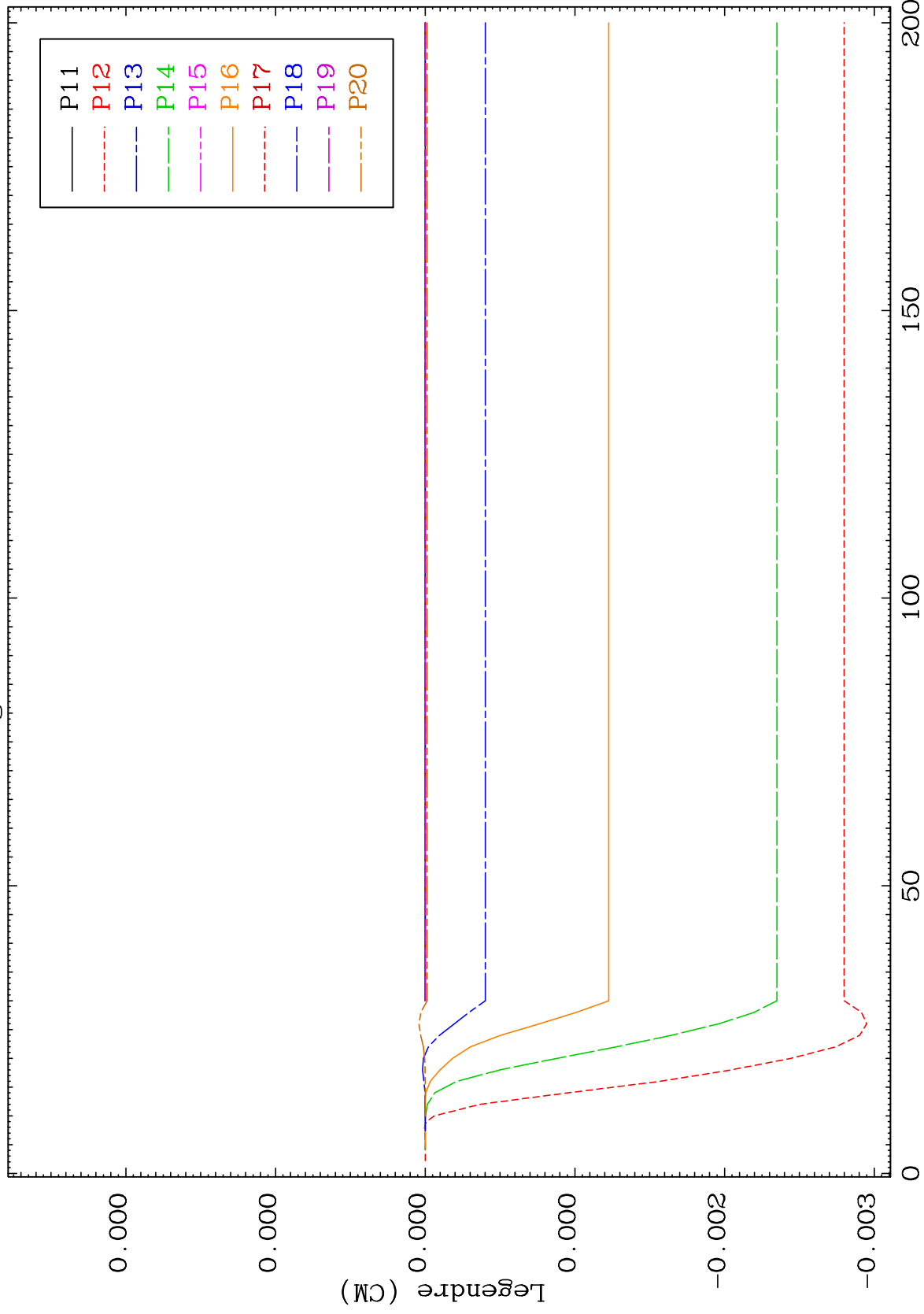
81-T1-200



MAT 81116

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

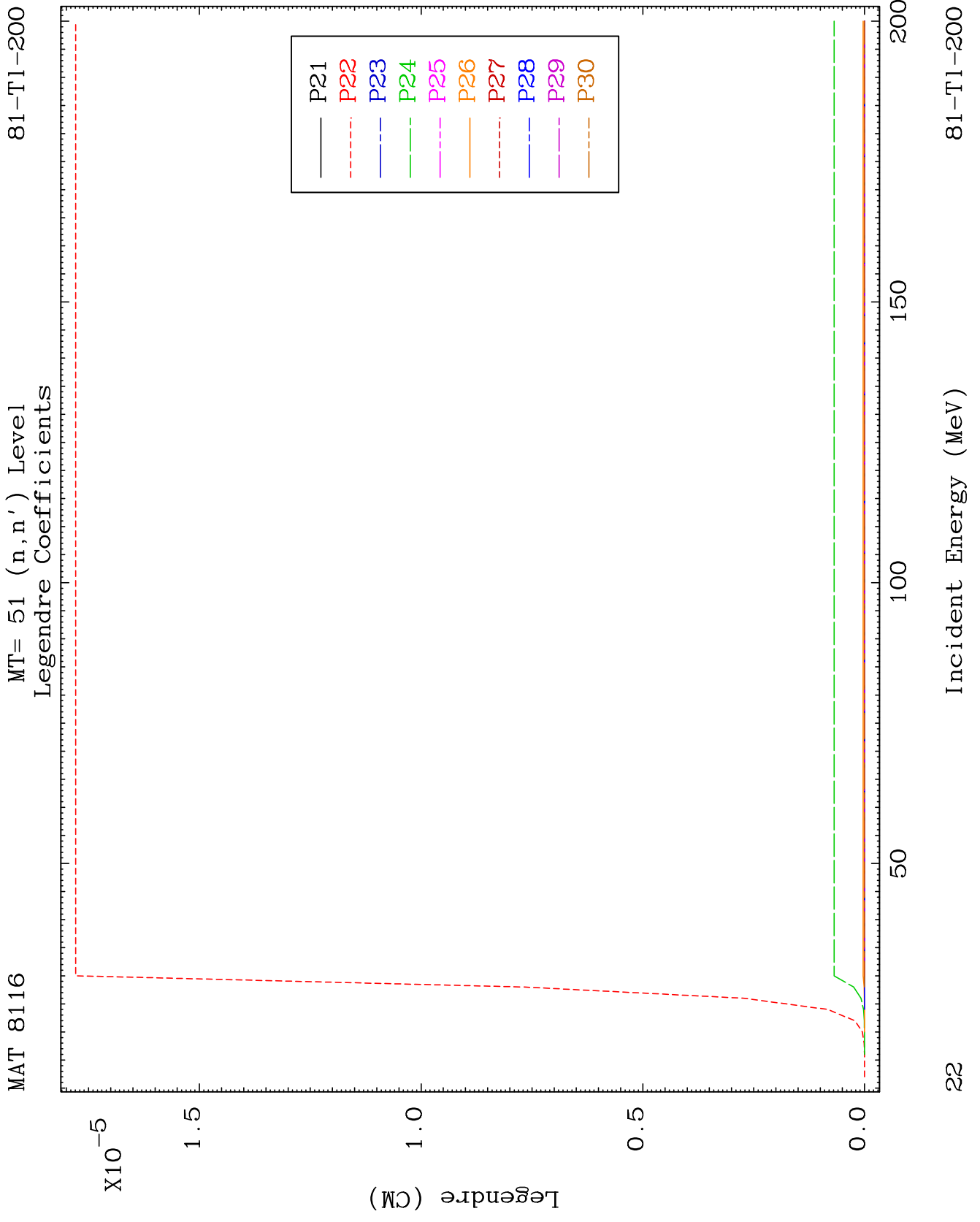
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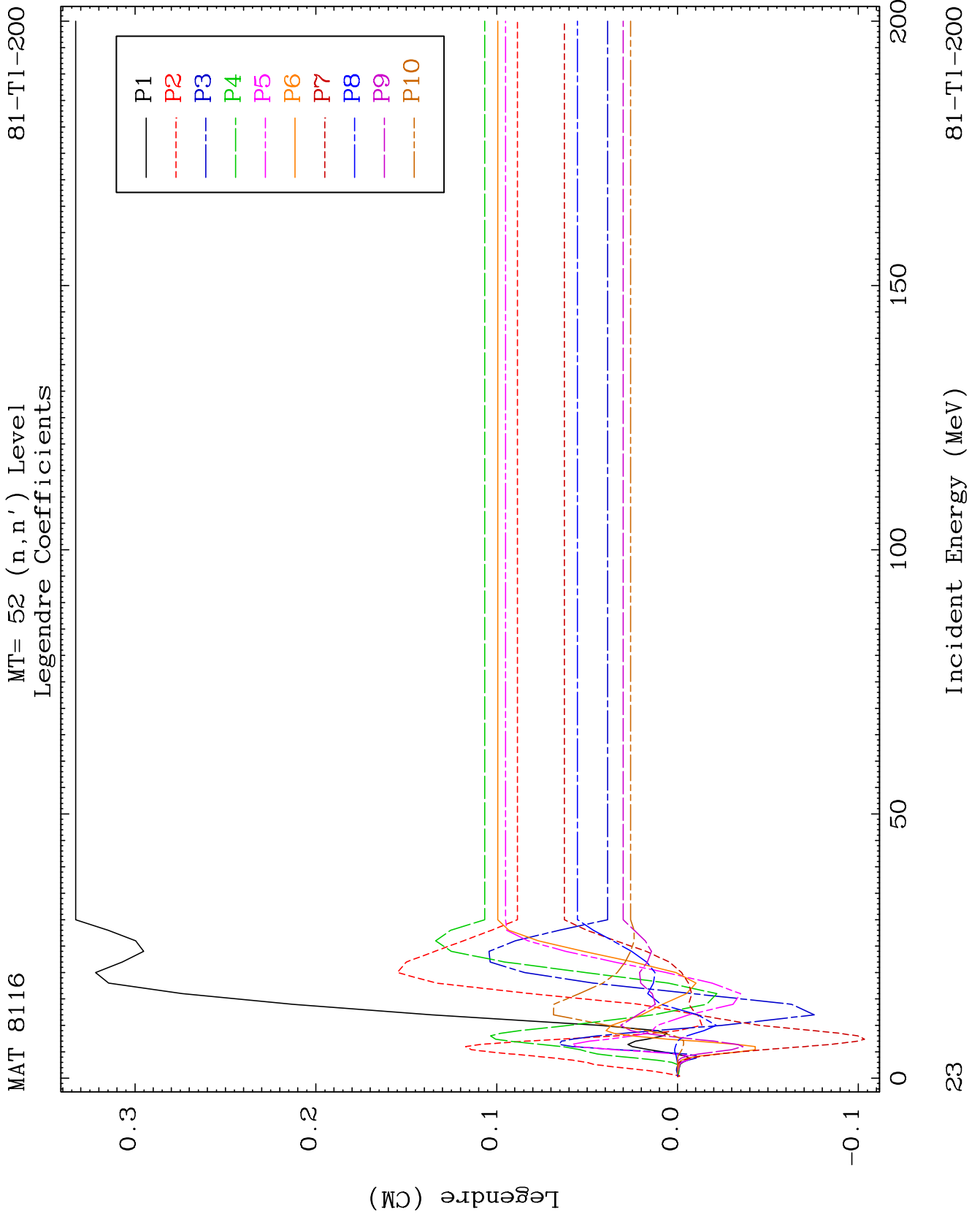


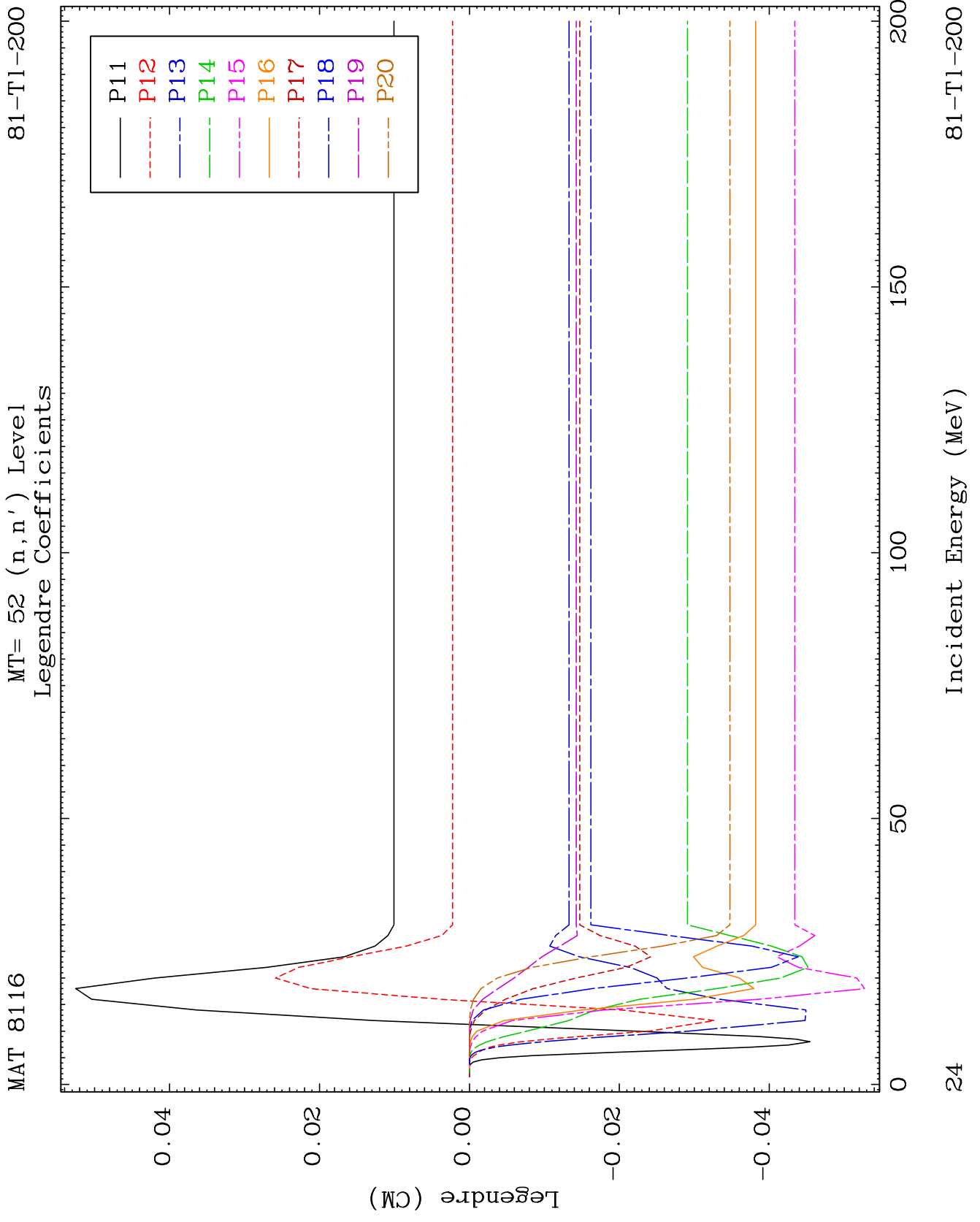
21

Incident Energy (MeV)

81-T1-200



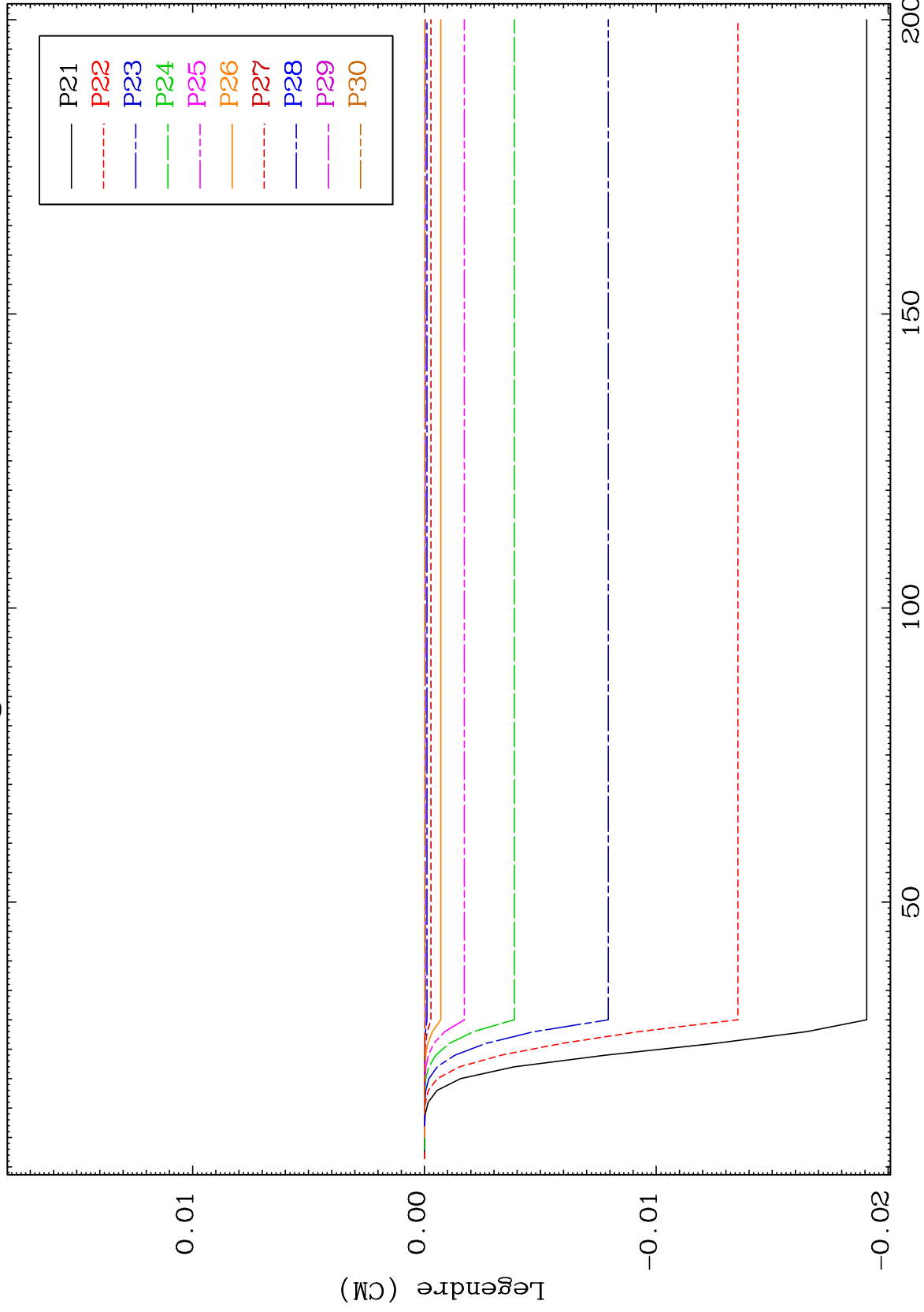




MAT 81116

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

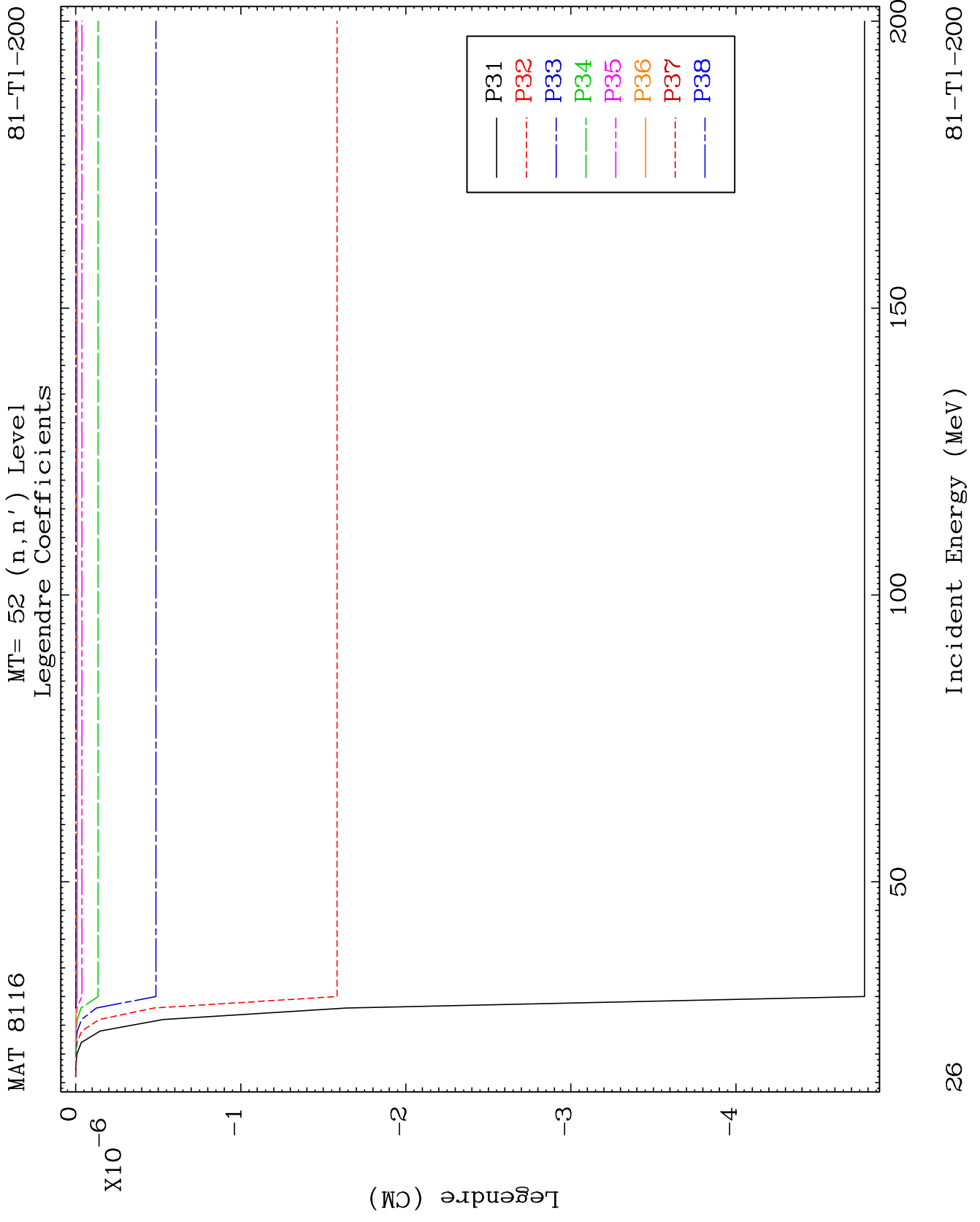
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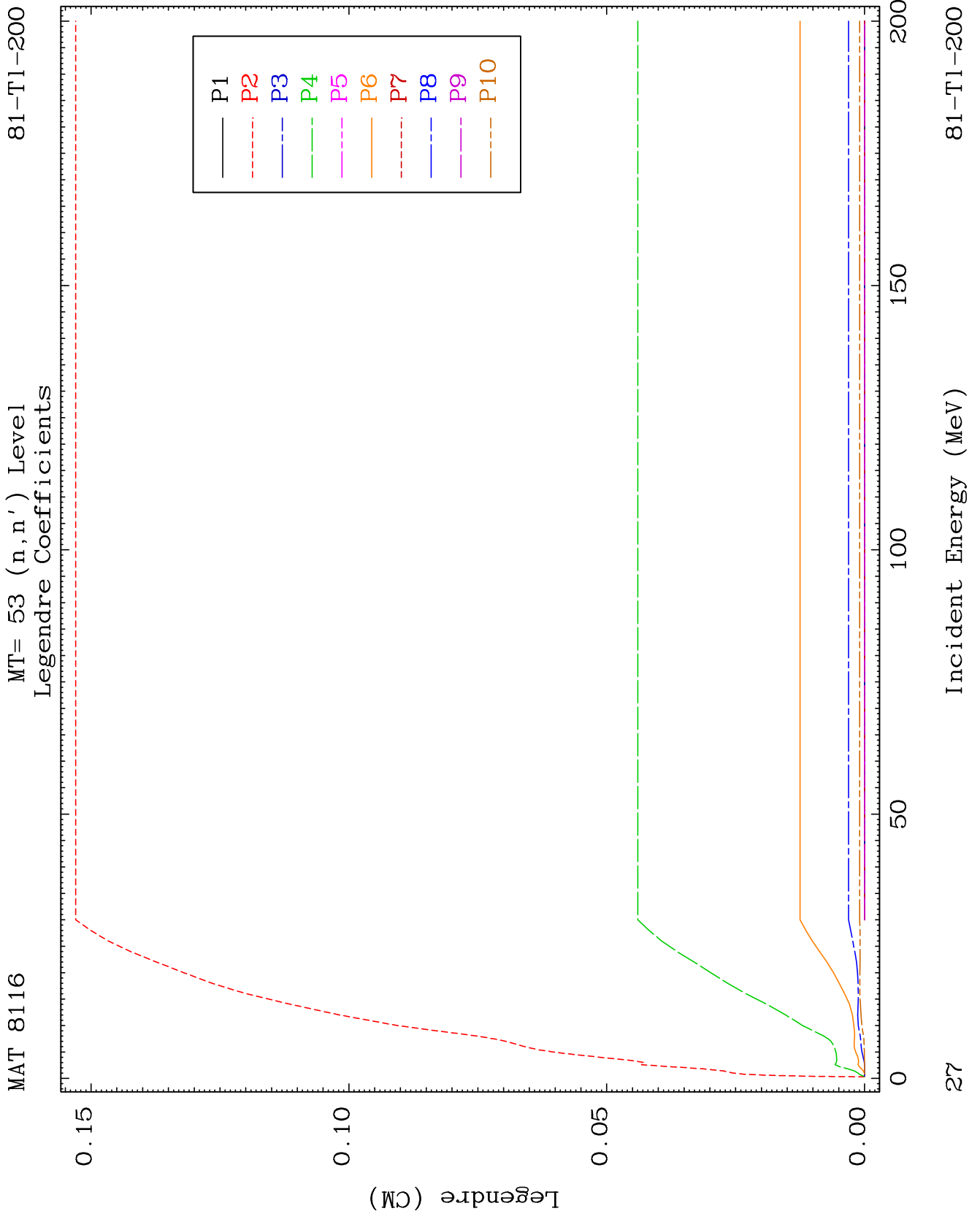


25

Incident Energy (MeV)

81-T1-200

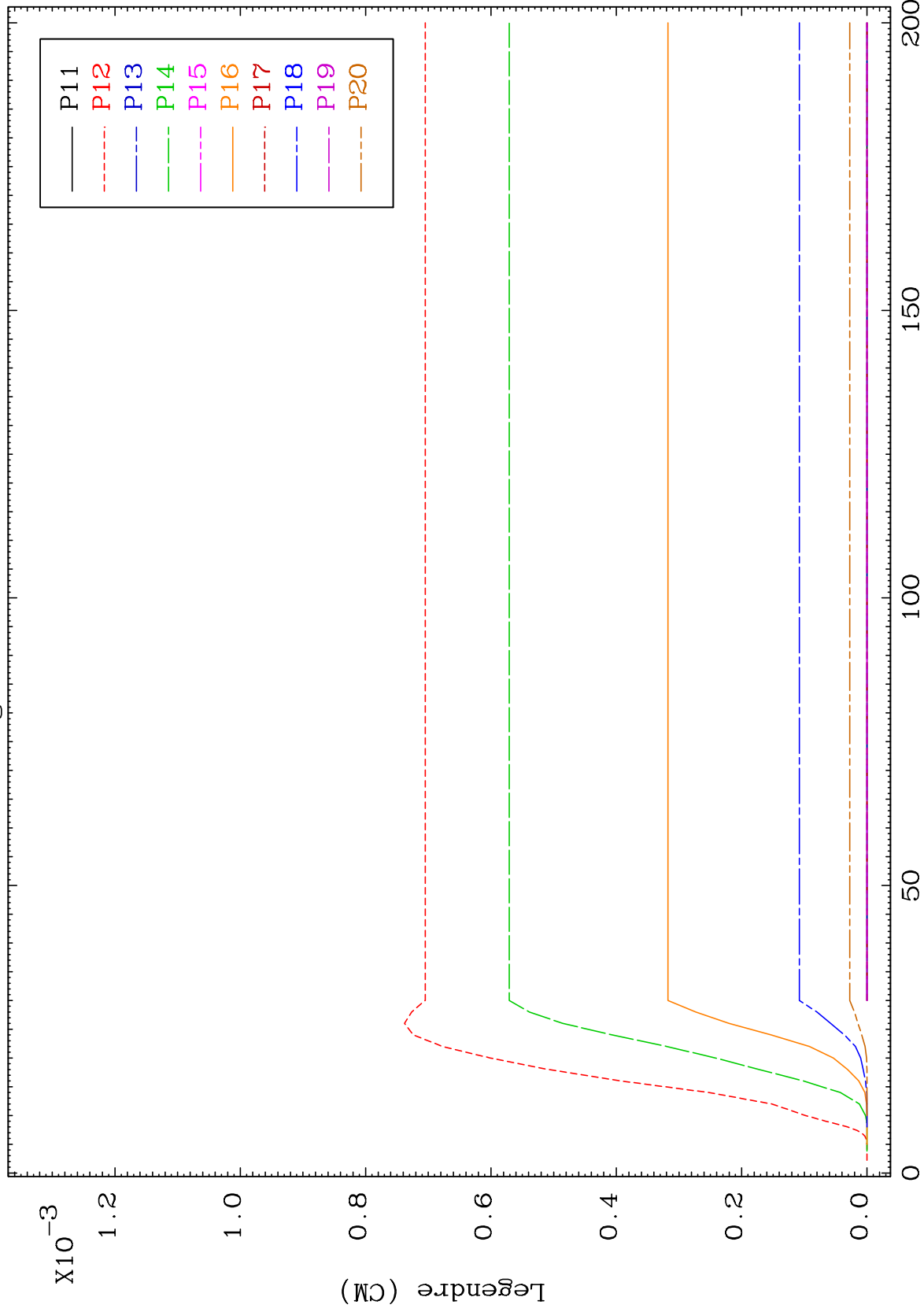




MAT 81116

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

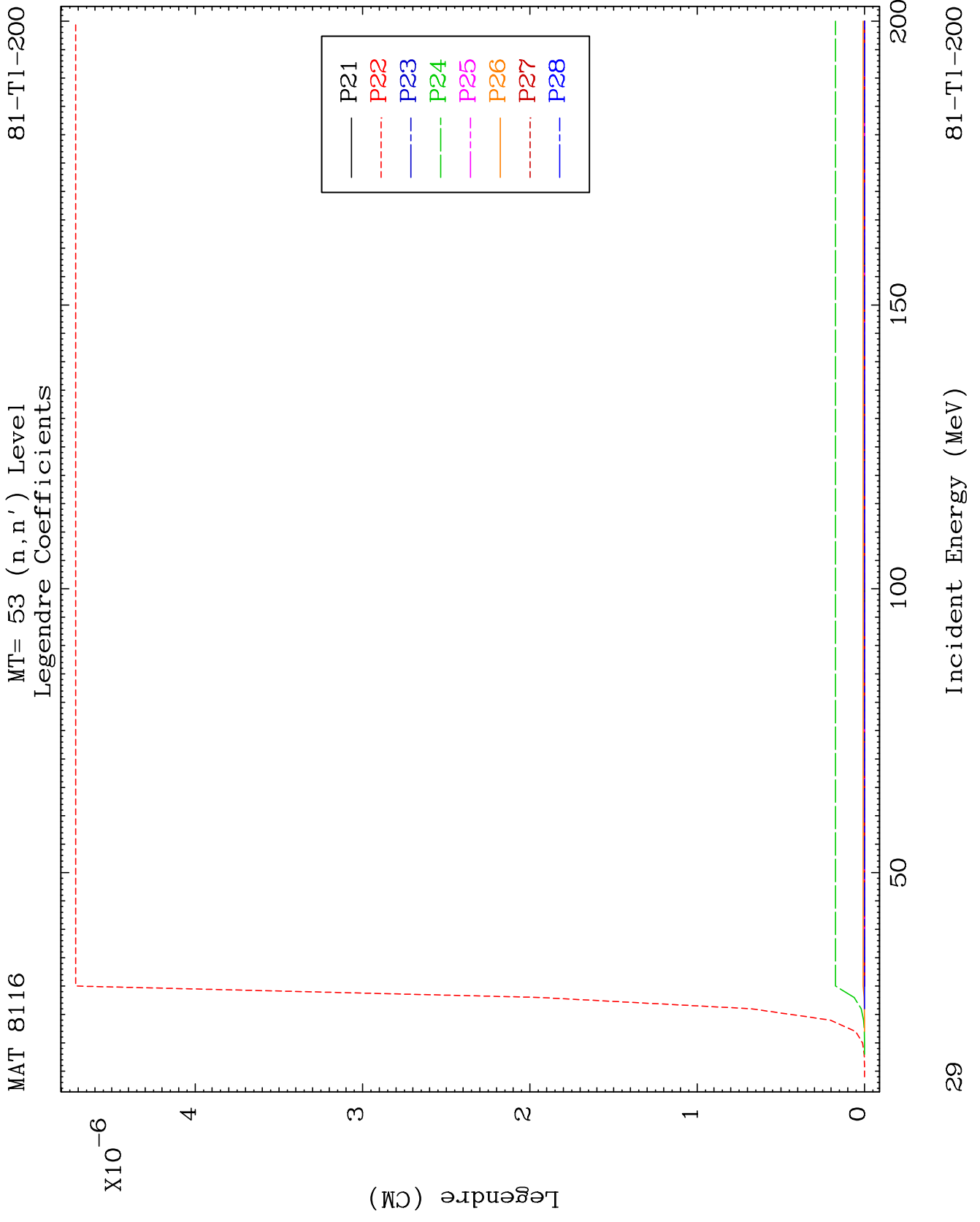
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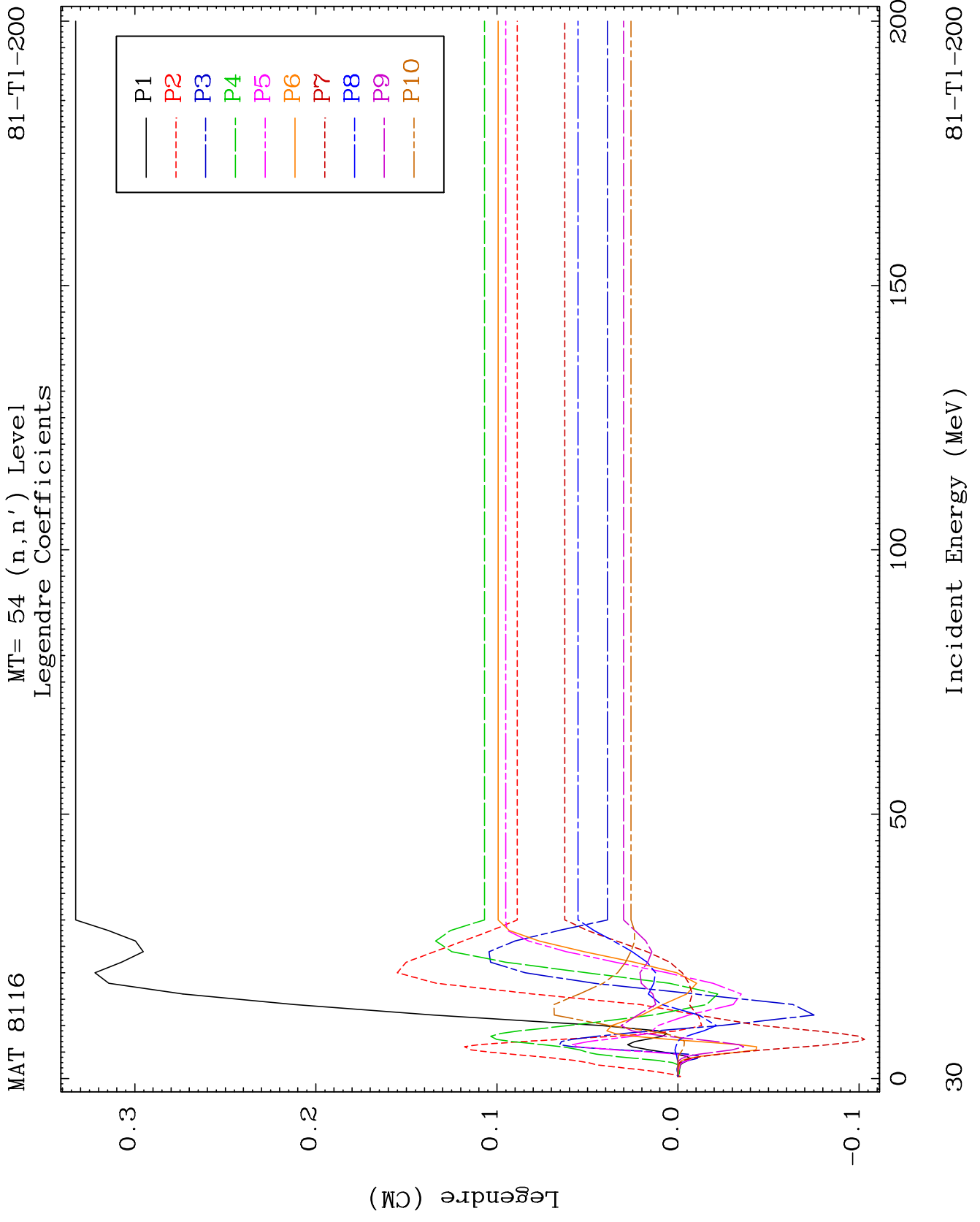


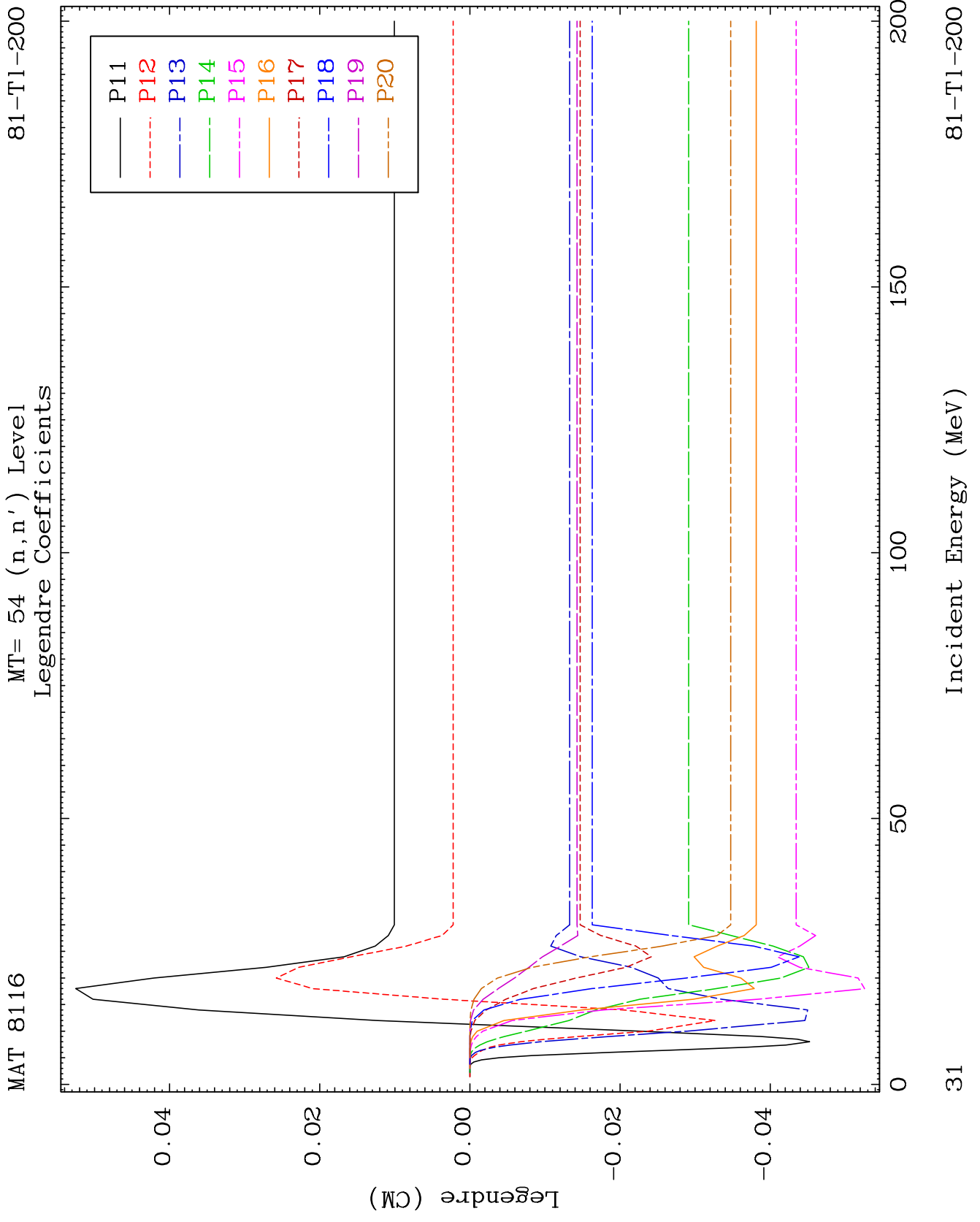
28

Incident Energy (MeV)

81-T1-200



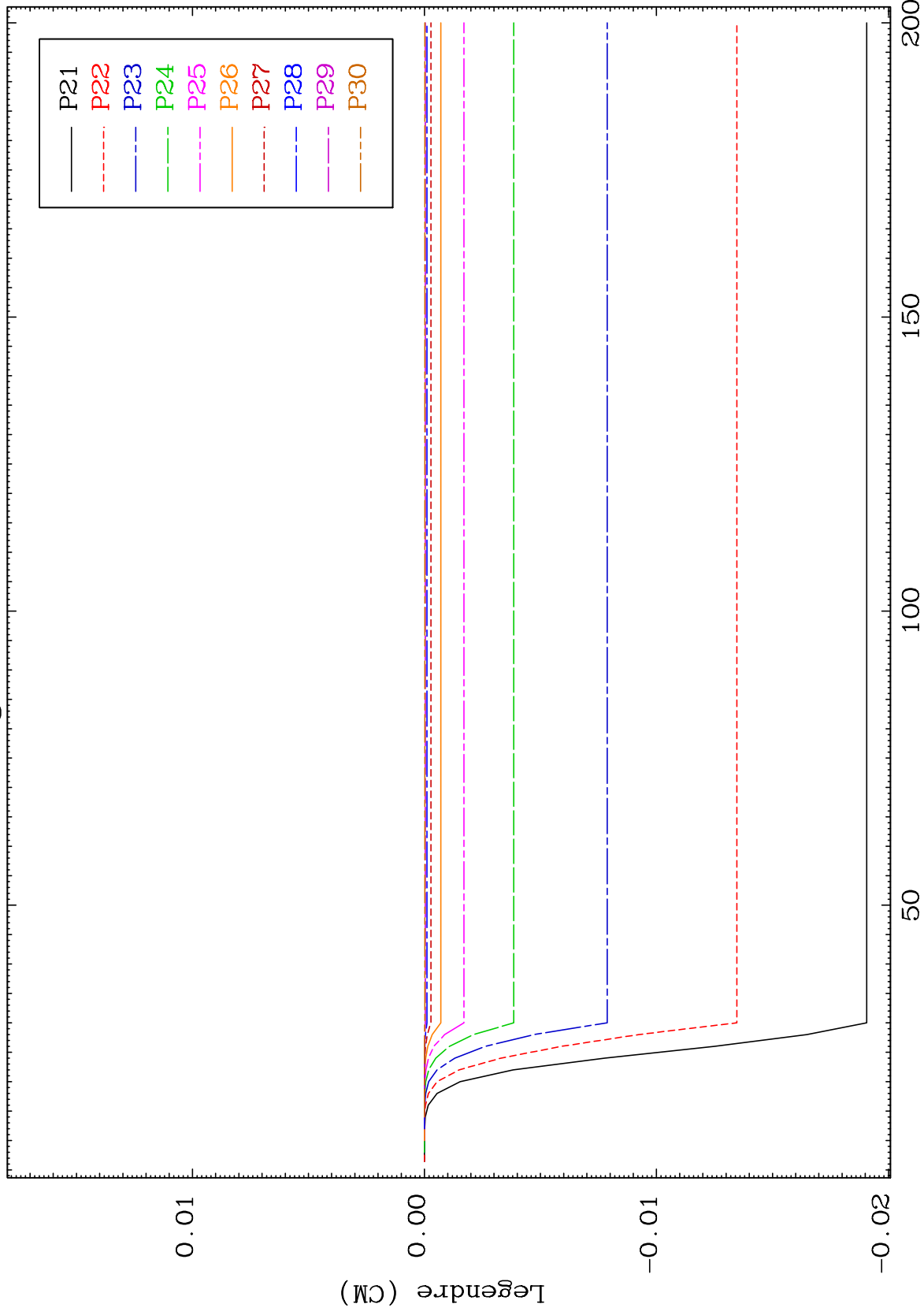




MAT 81116

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

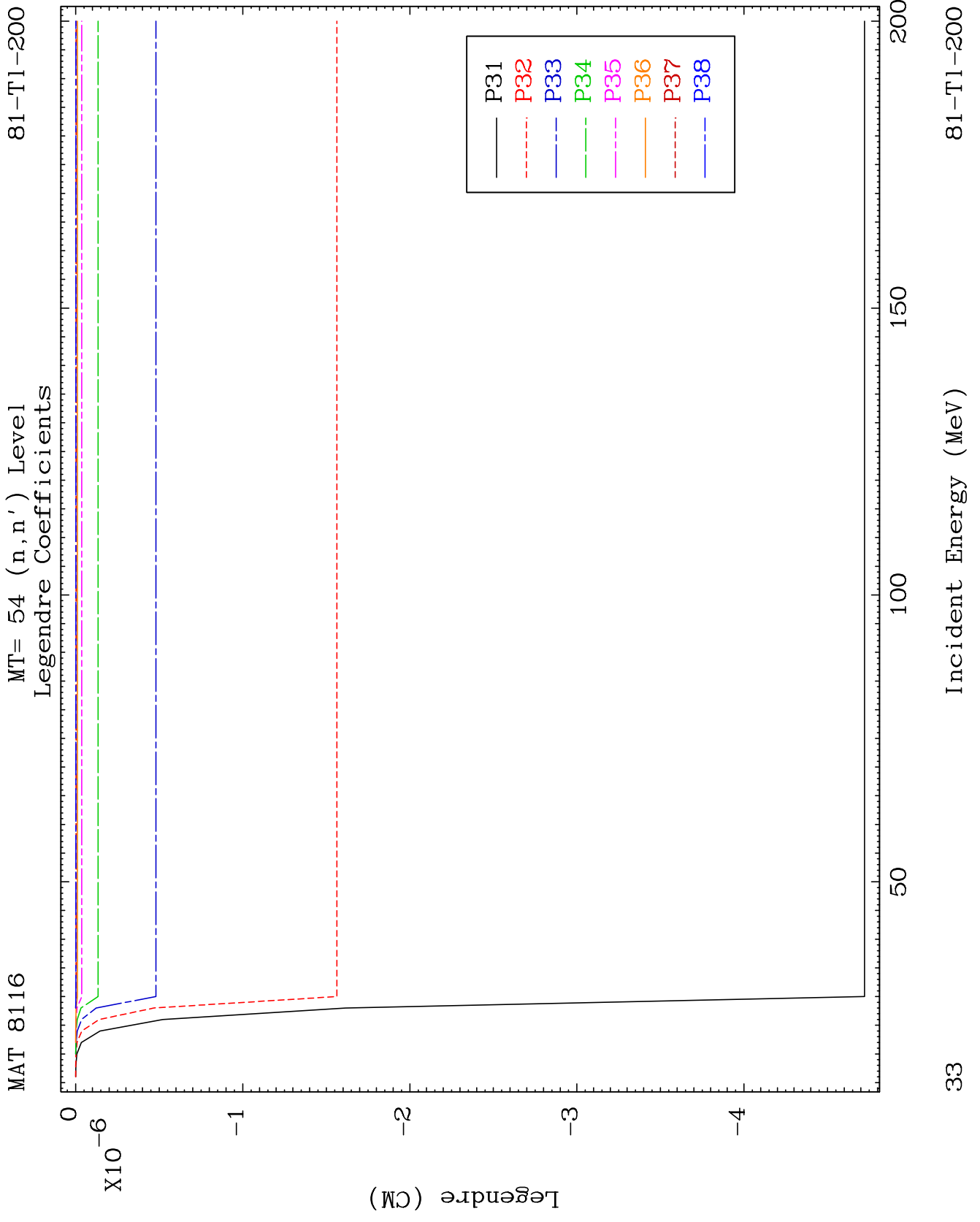
81-Tl-200

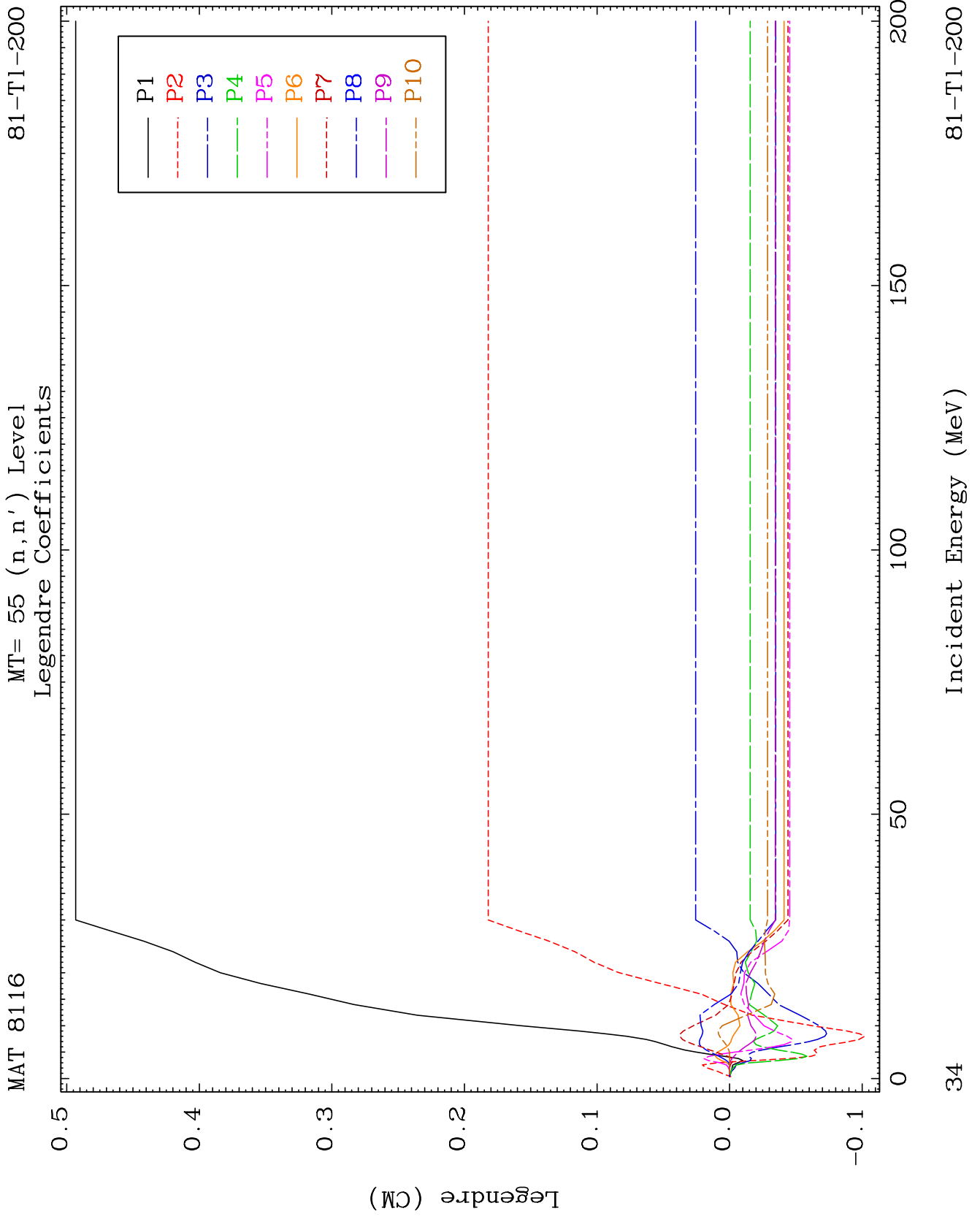


32

Incident Energy (MeV)

81-Tl-200

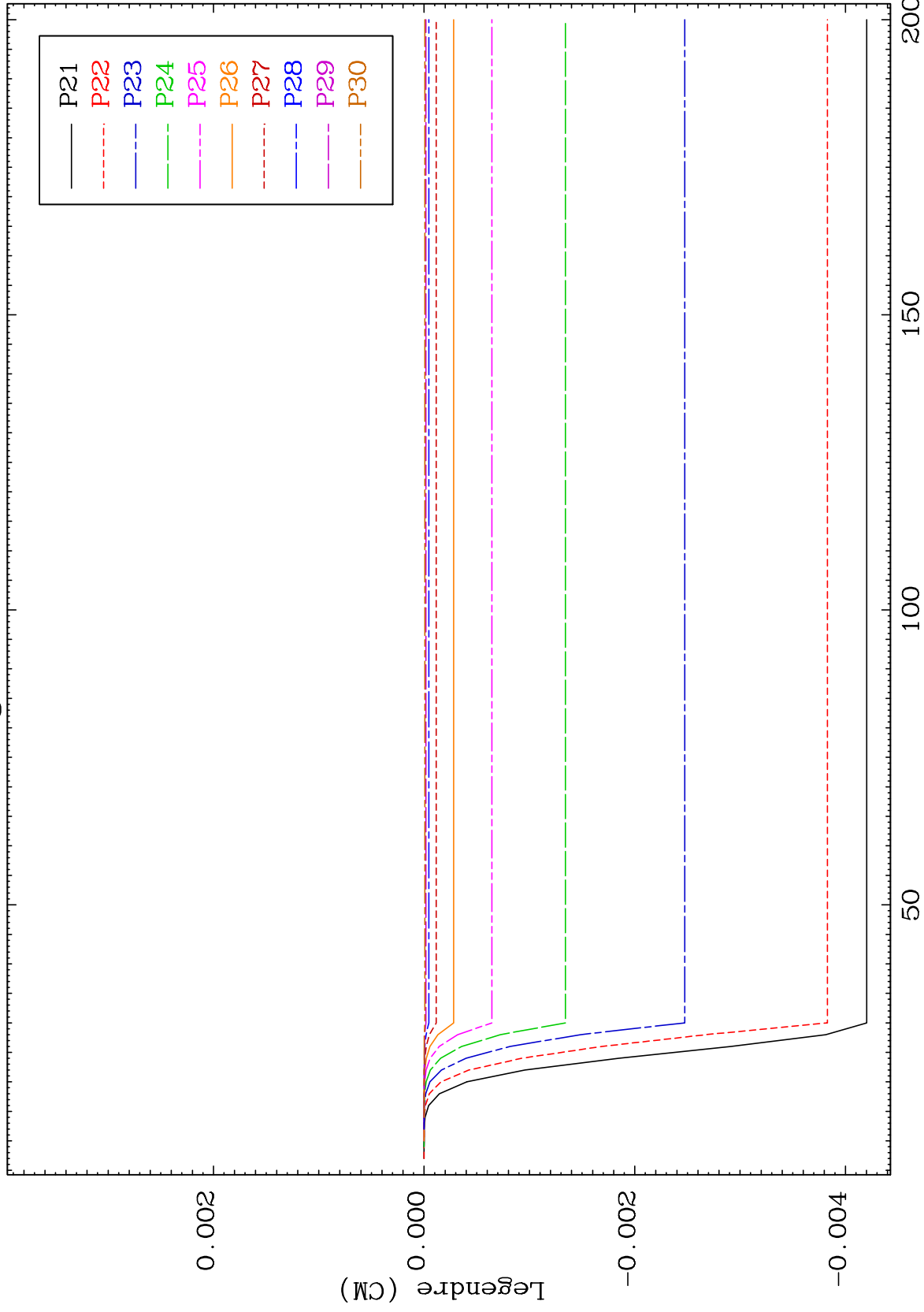




MAT 81116

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

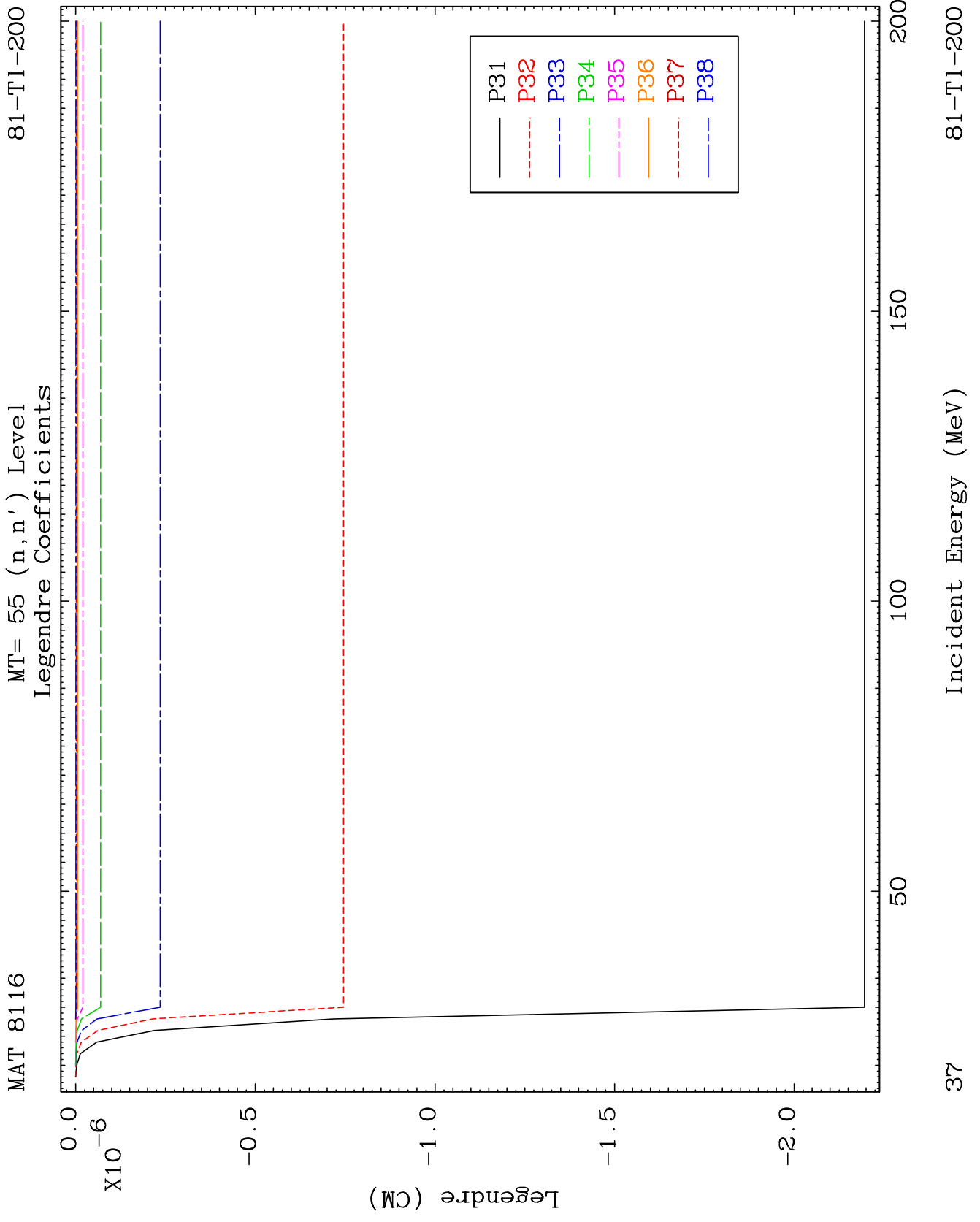
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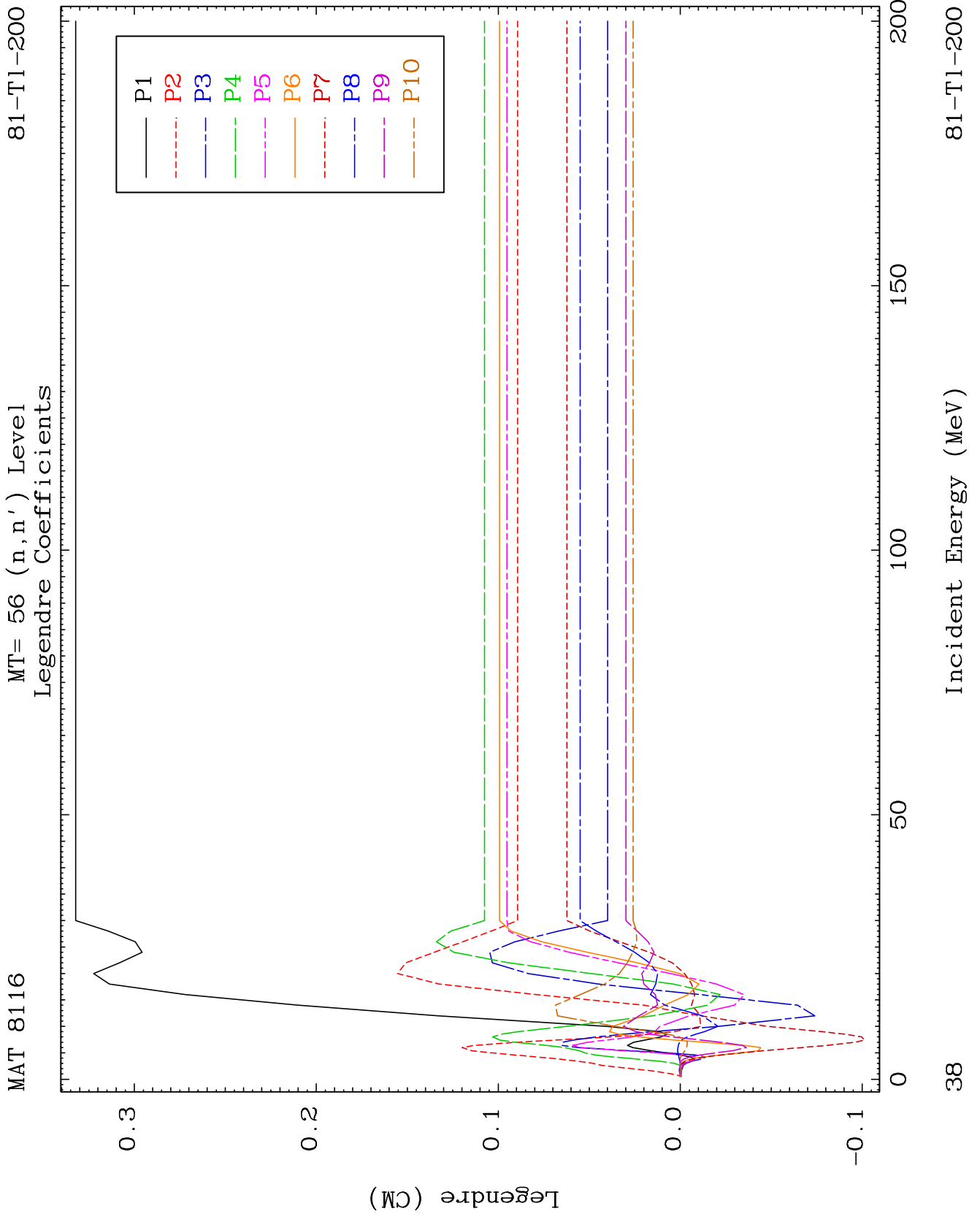


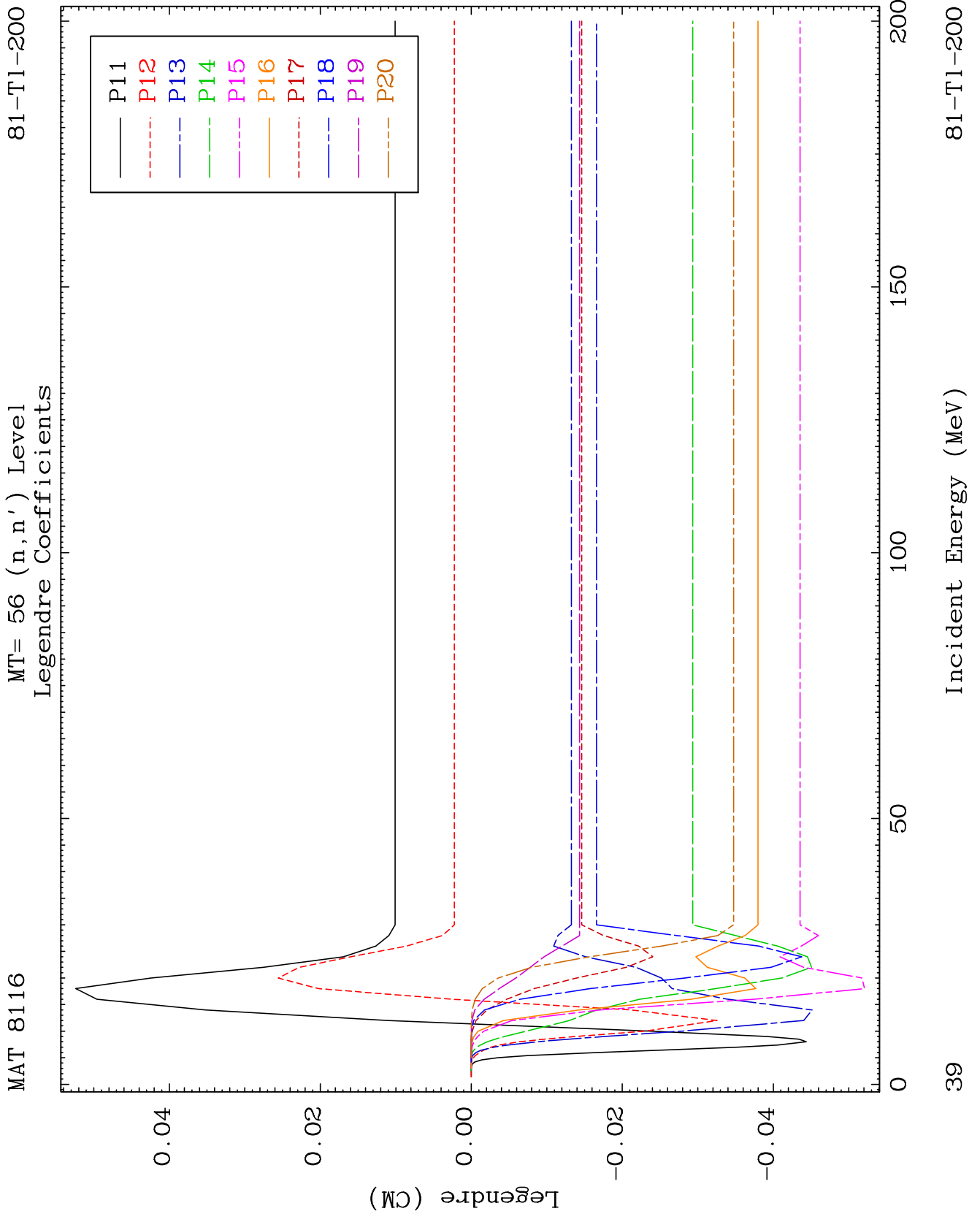
36

Incident Energy (MeV)

81-T1-200



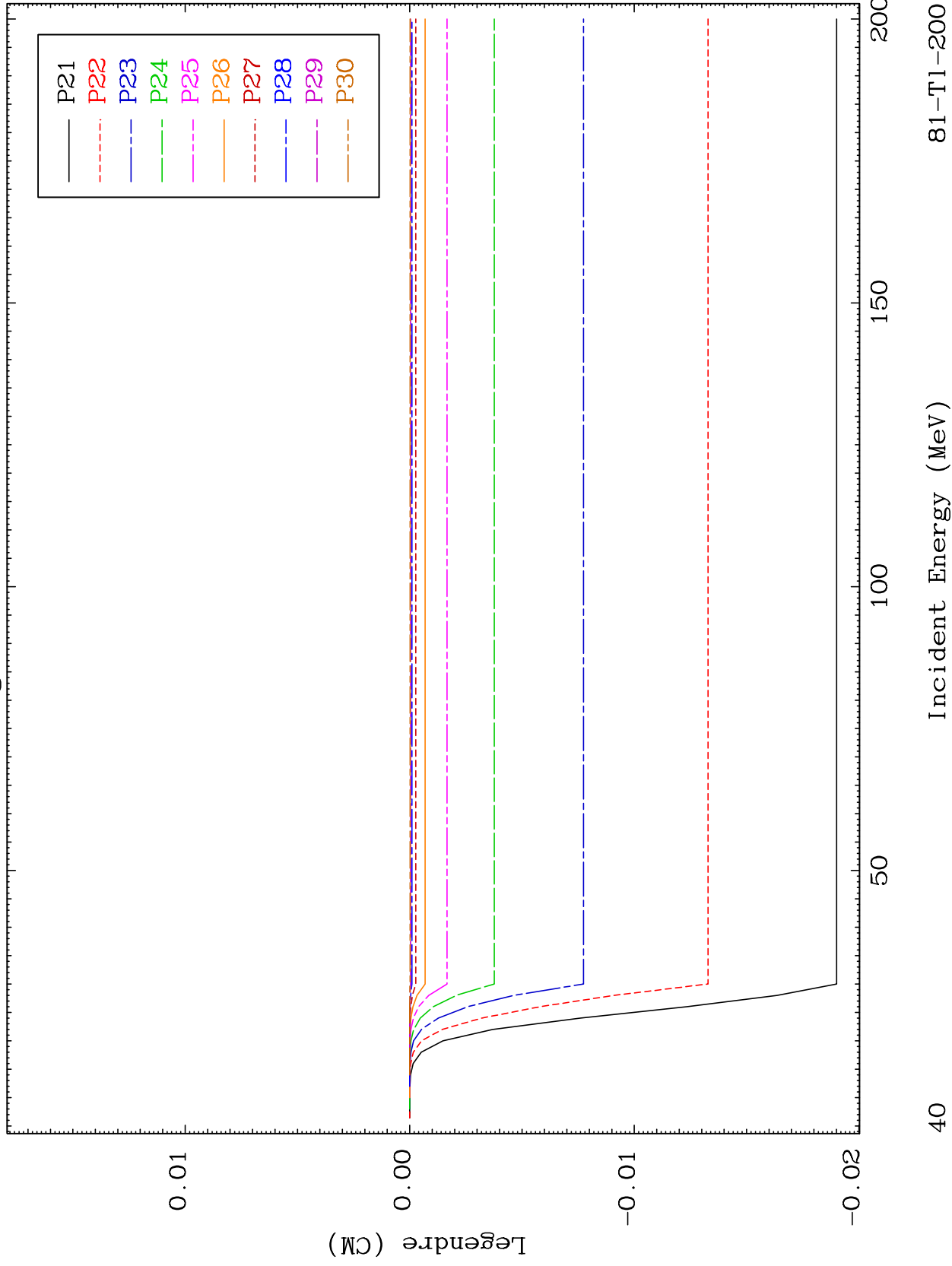


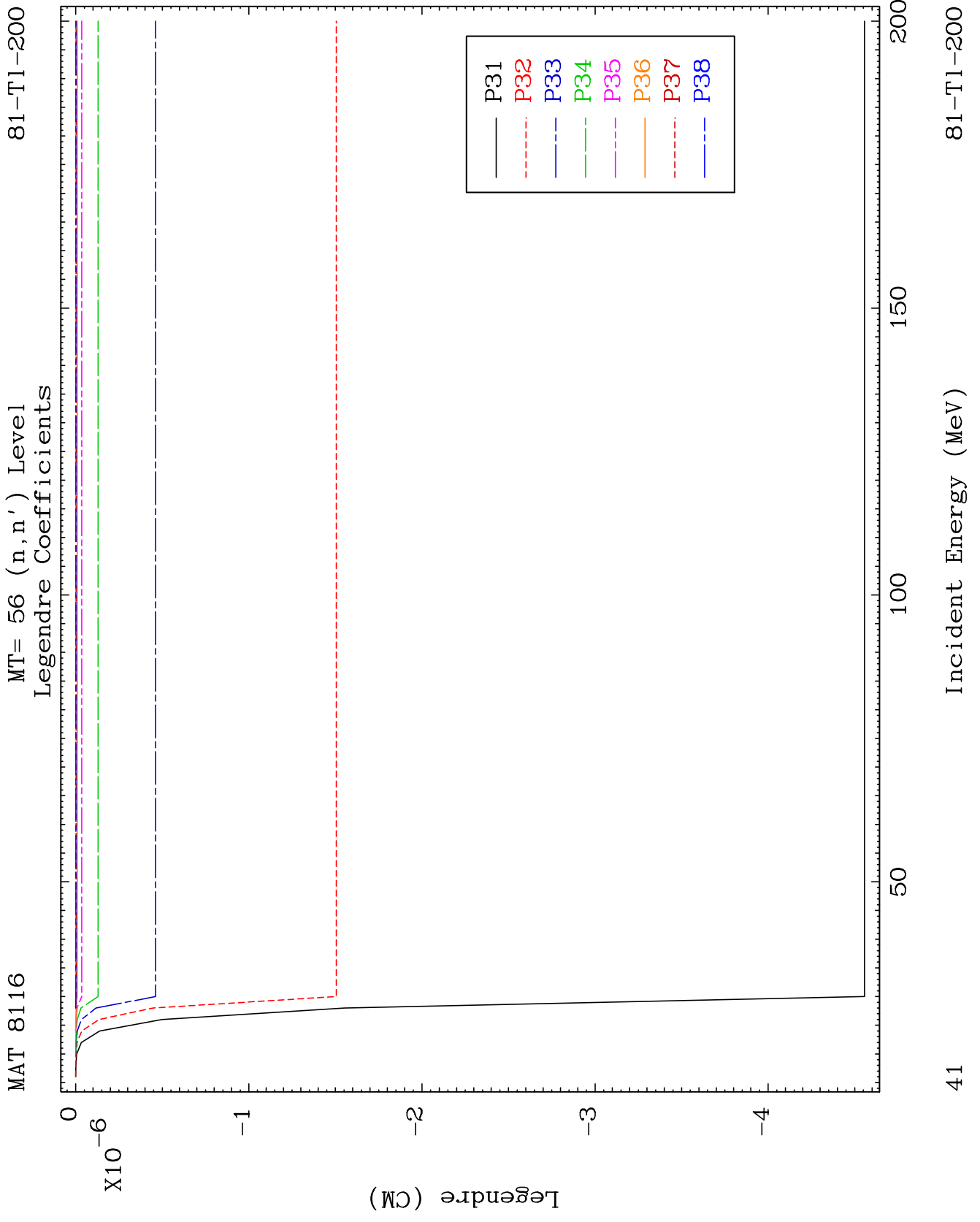


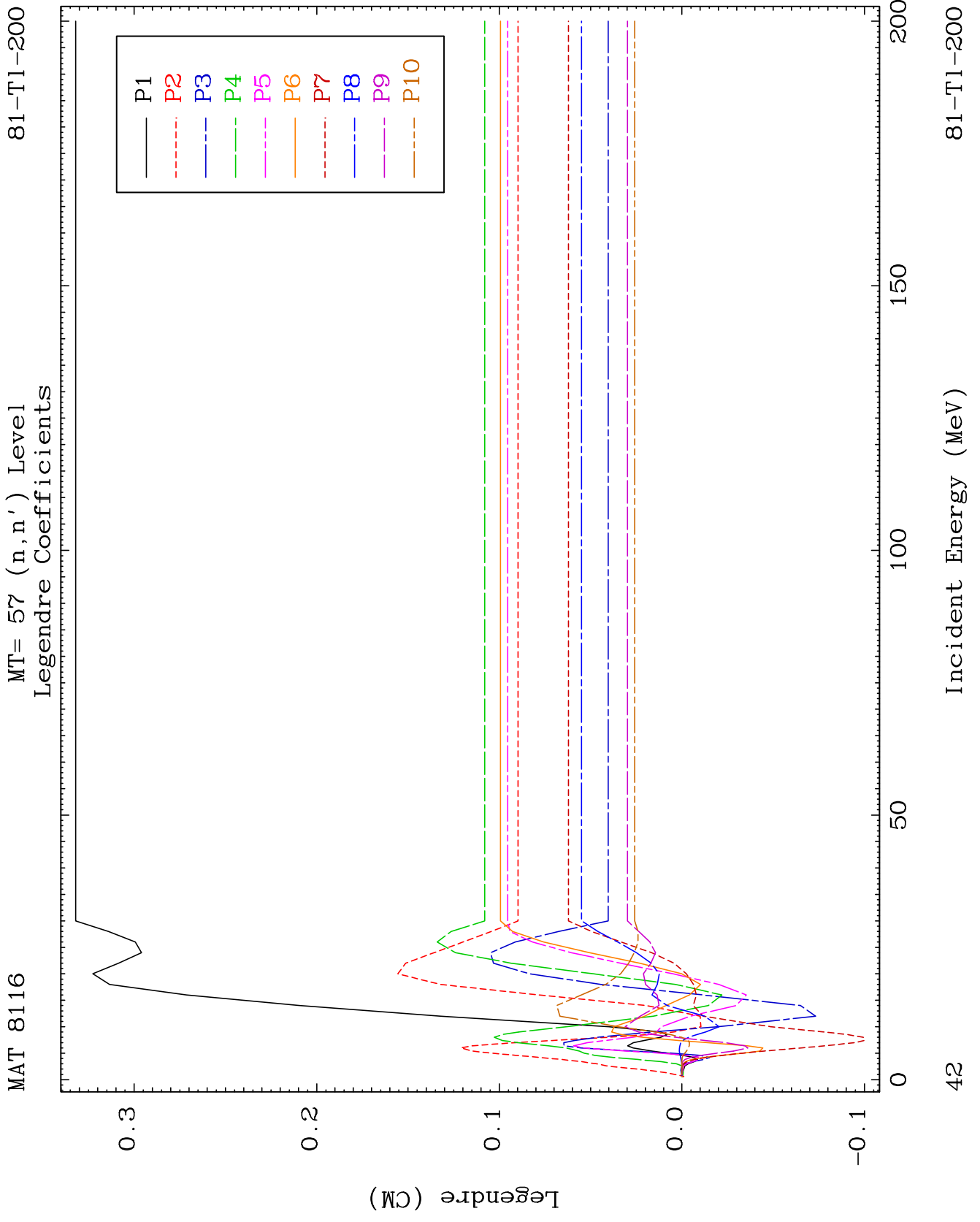
MAT 81116

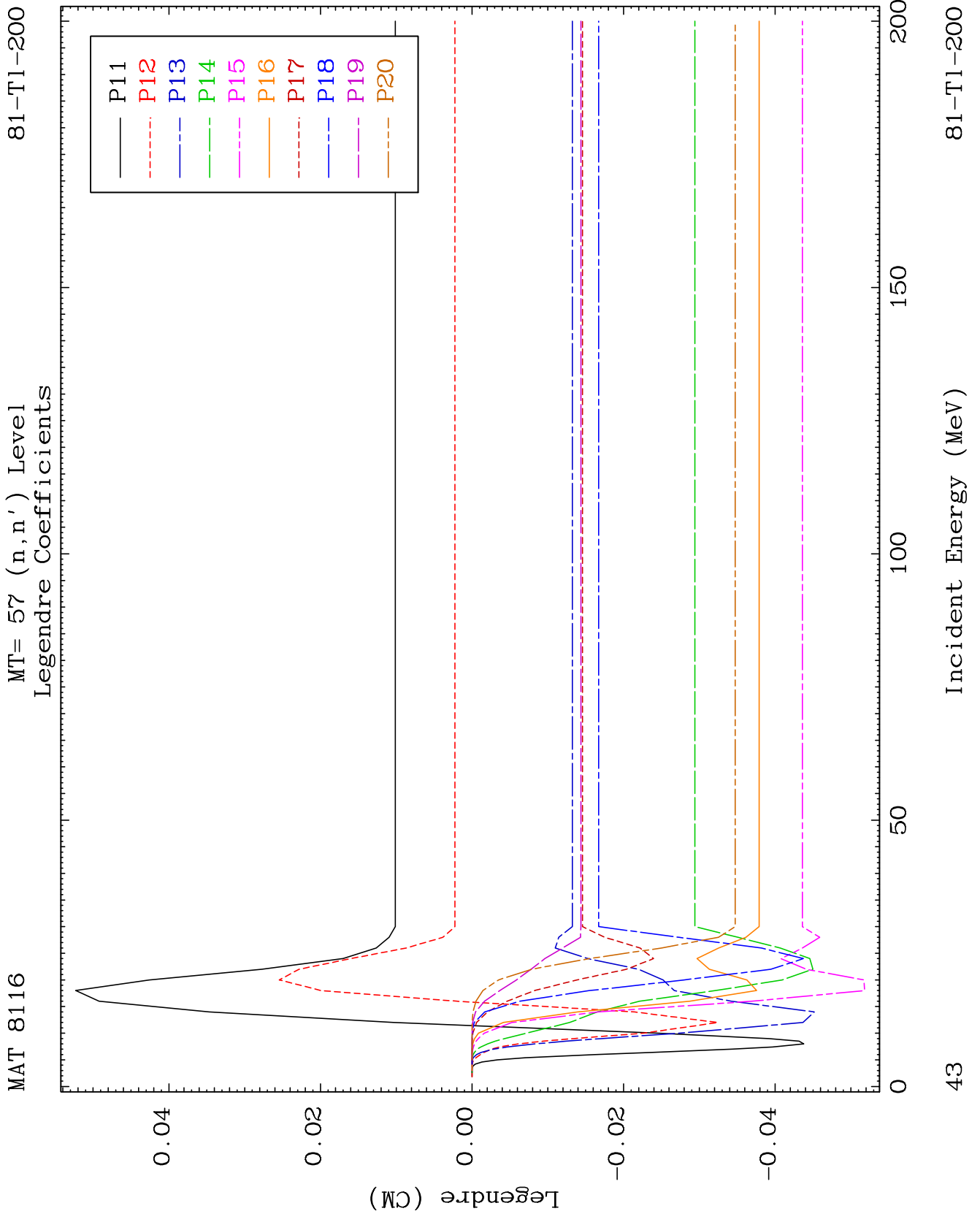
MT= 56 (n,n') Level
Legendre Coefficients

81-T1-200





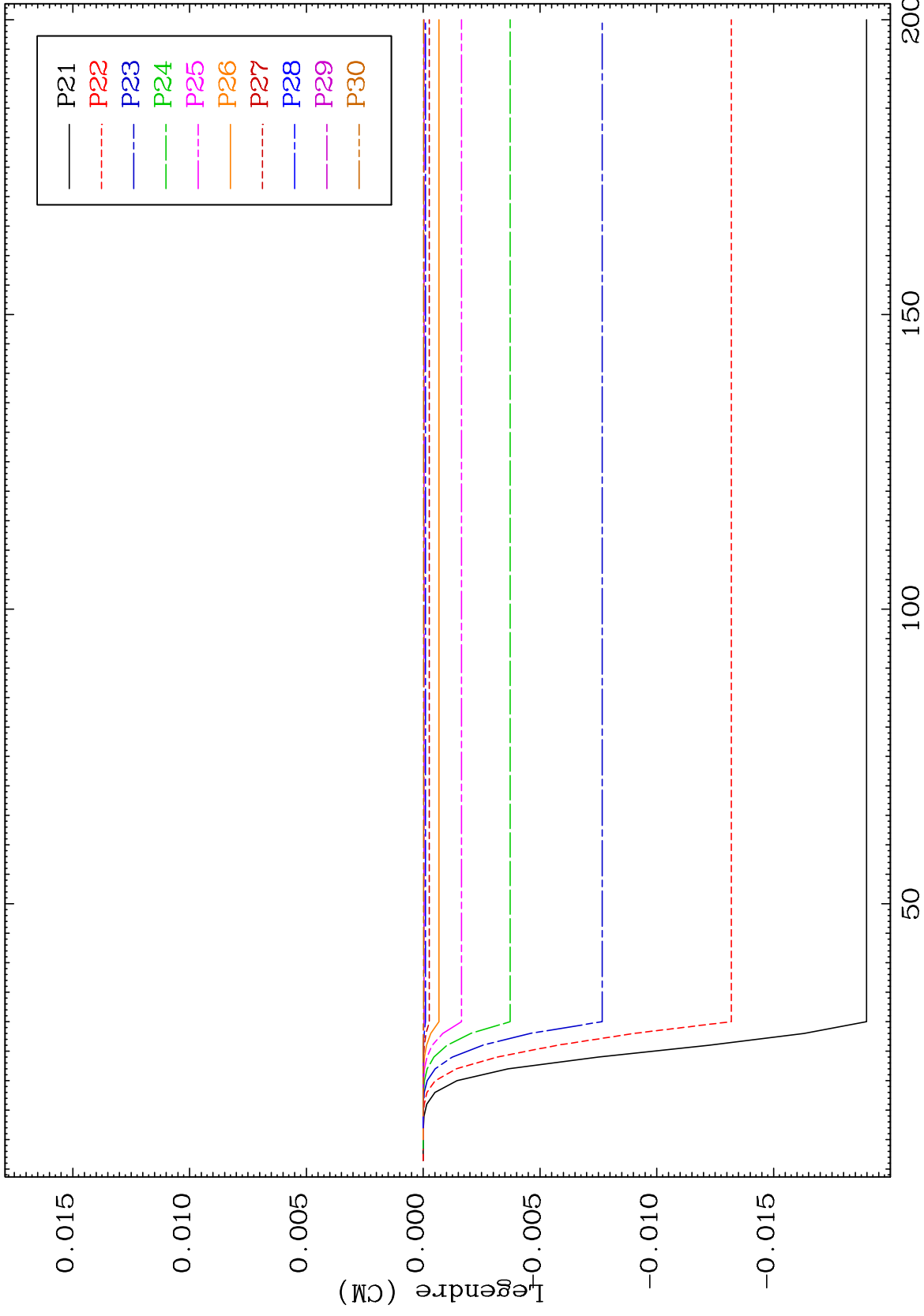




MAT 81116

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

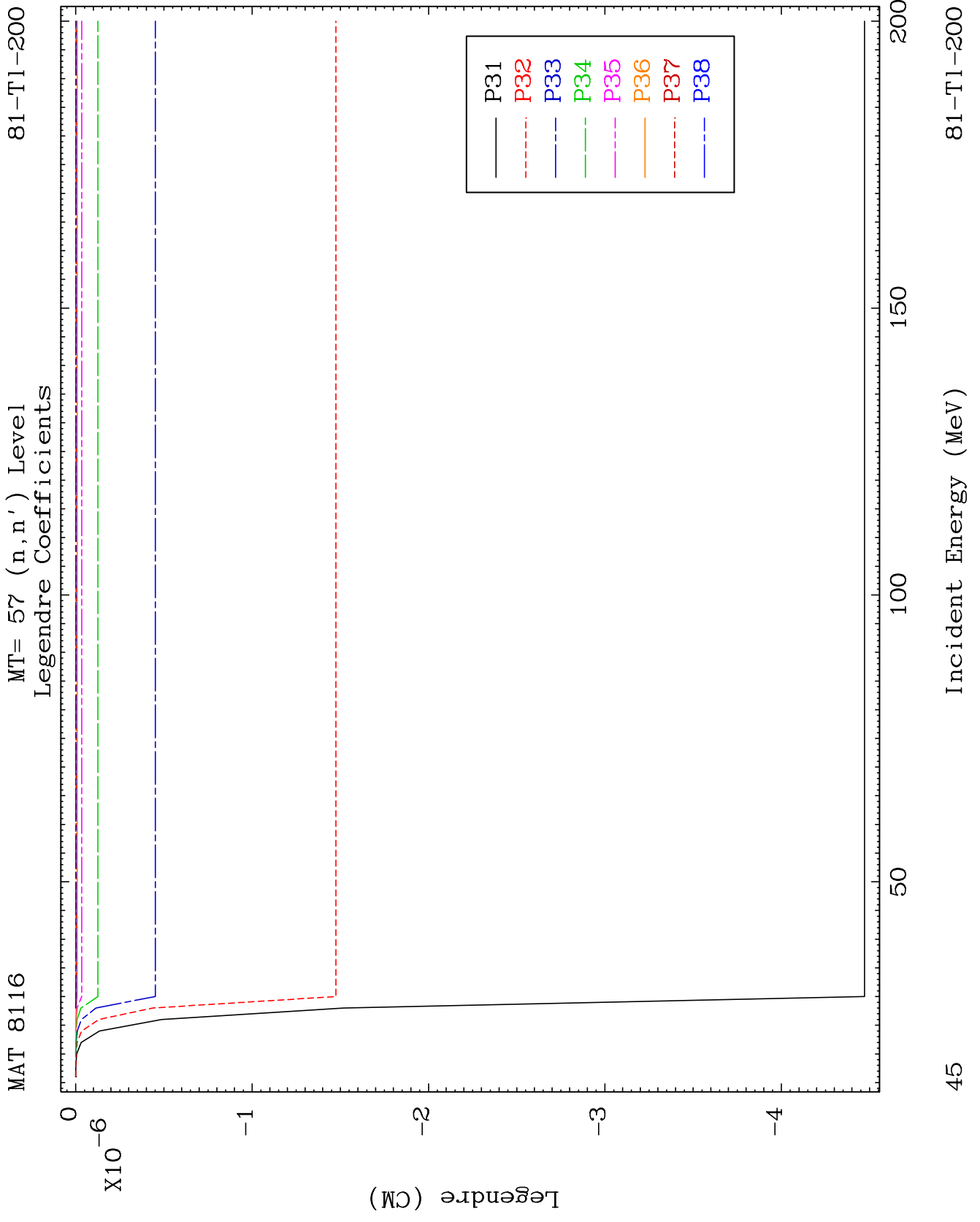
81-T1-200

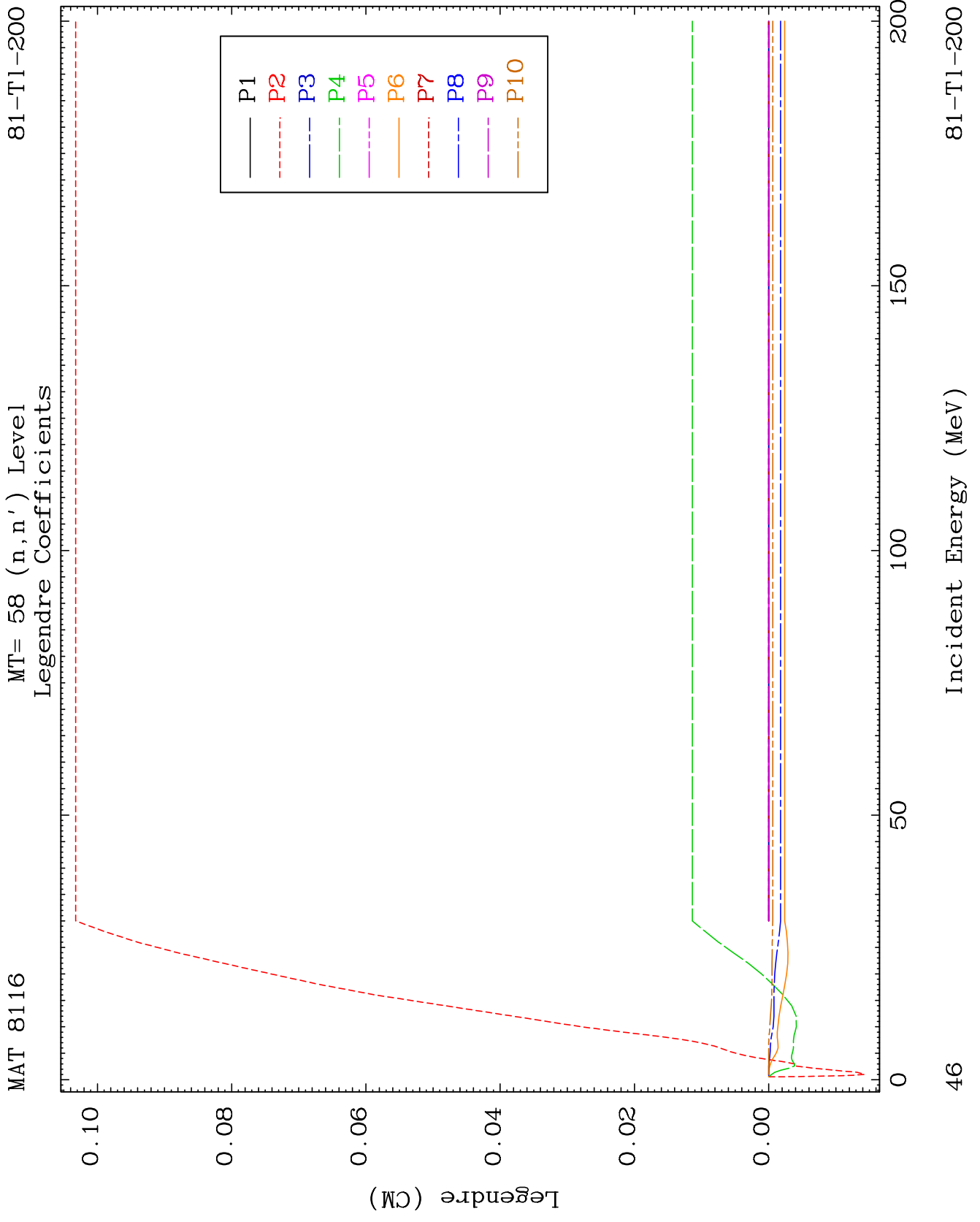


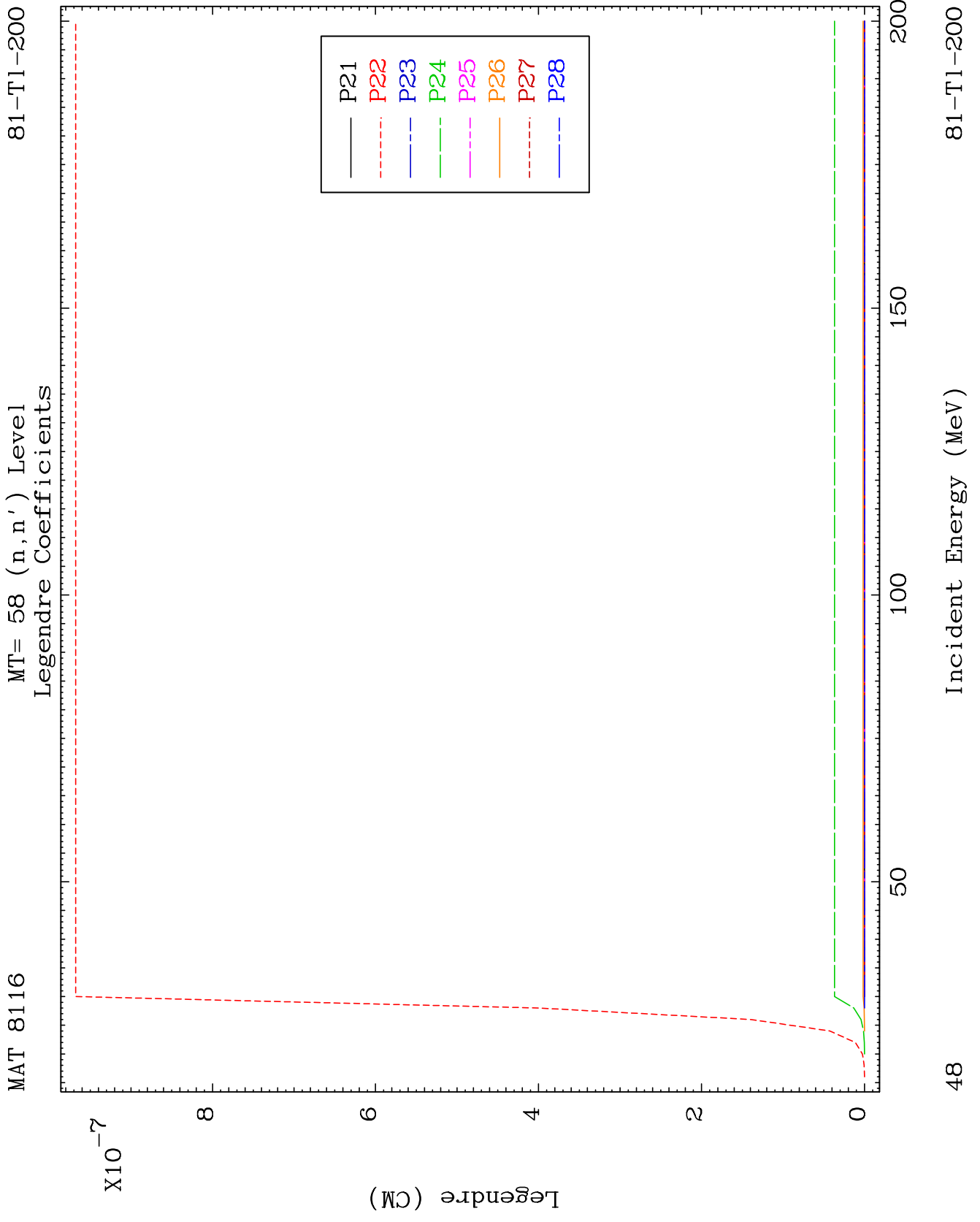
44

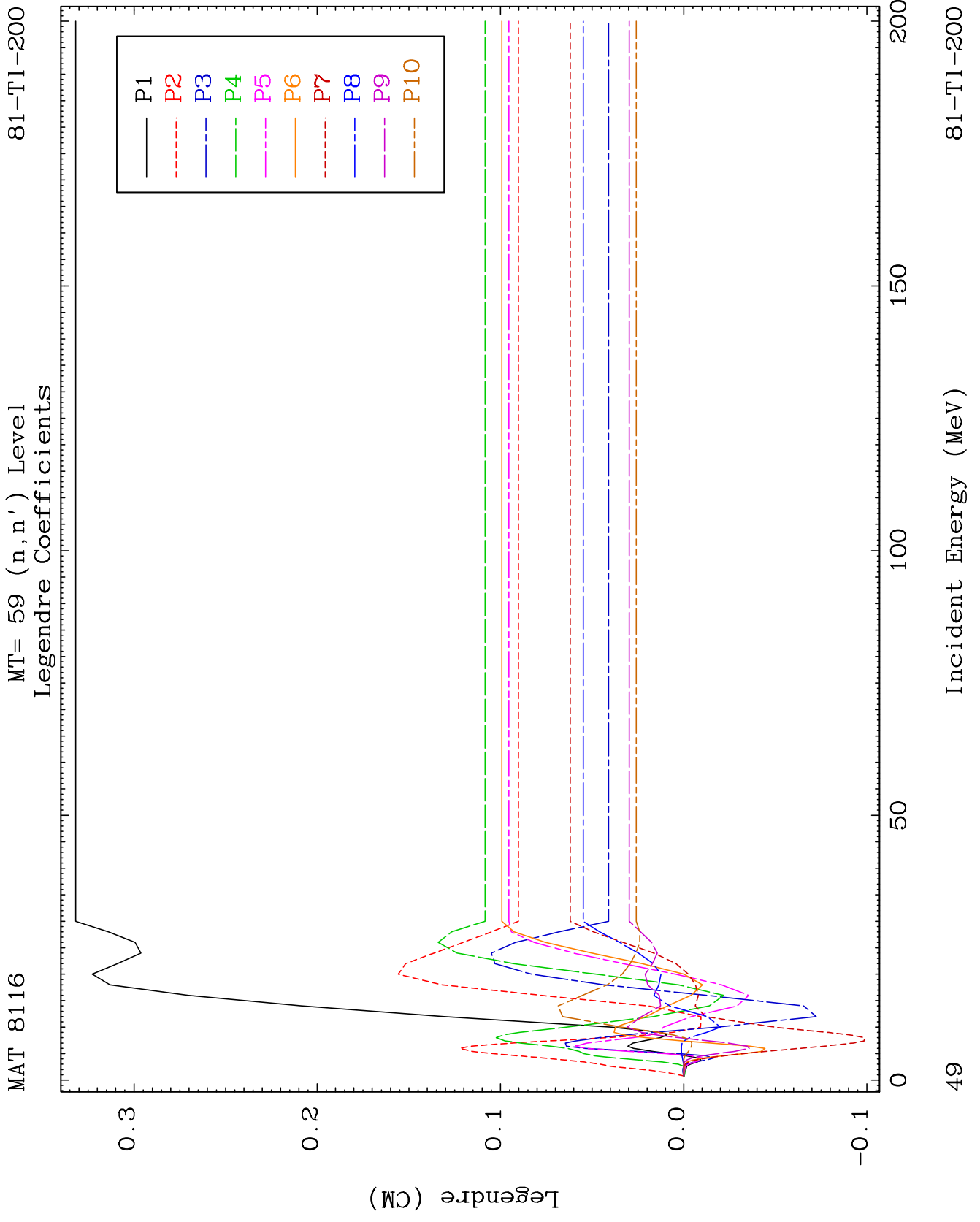
Incident Energy (MeV)

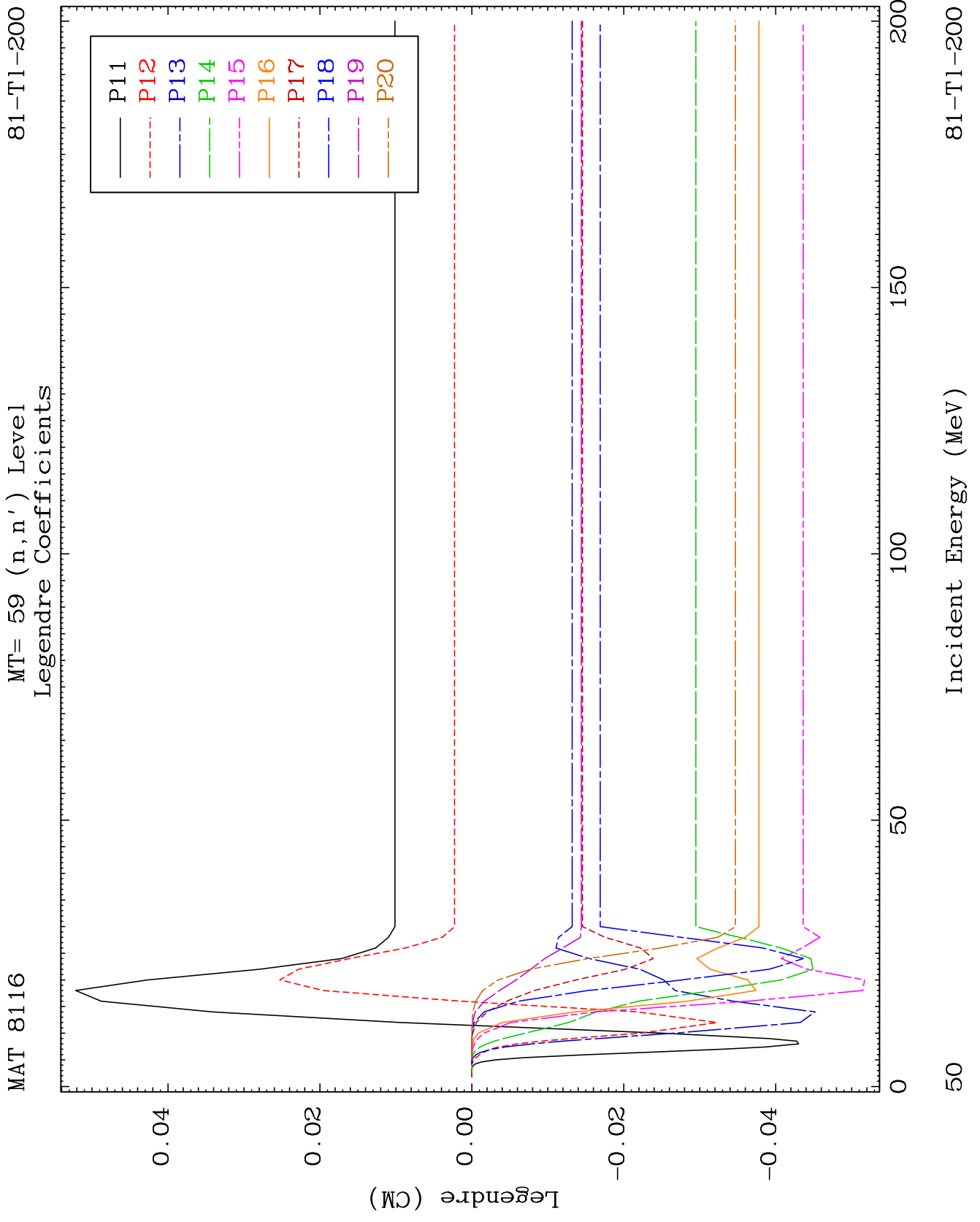
81-T1-200







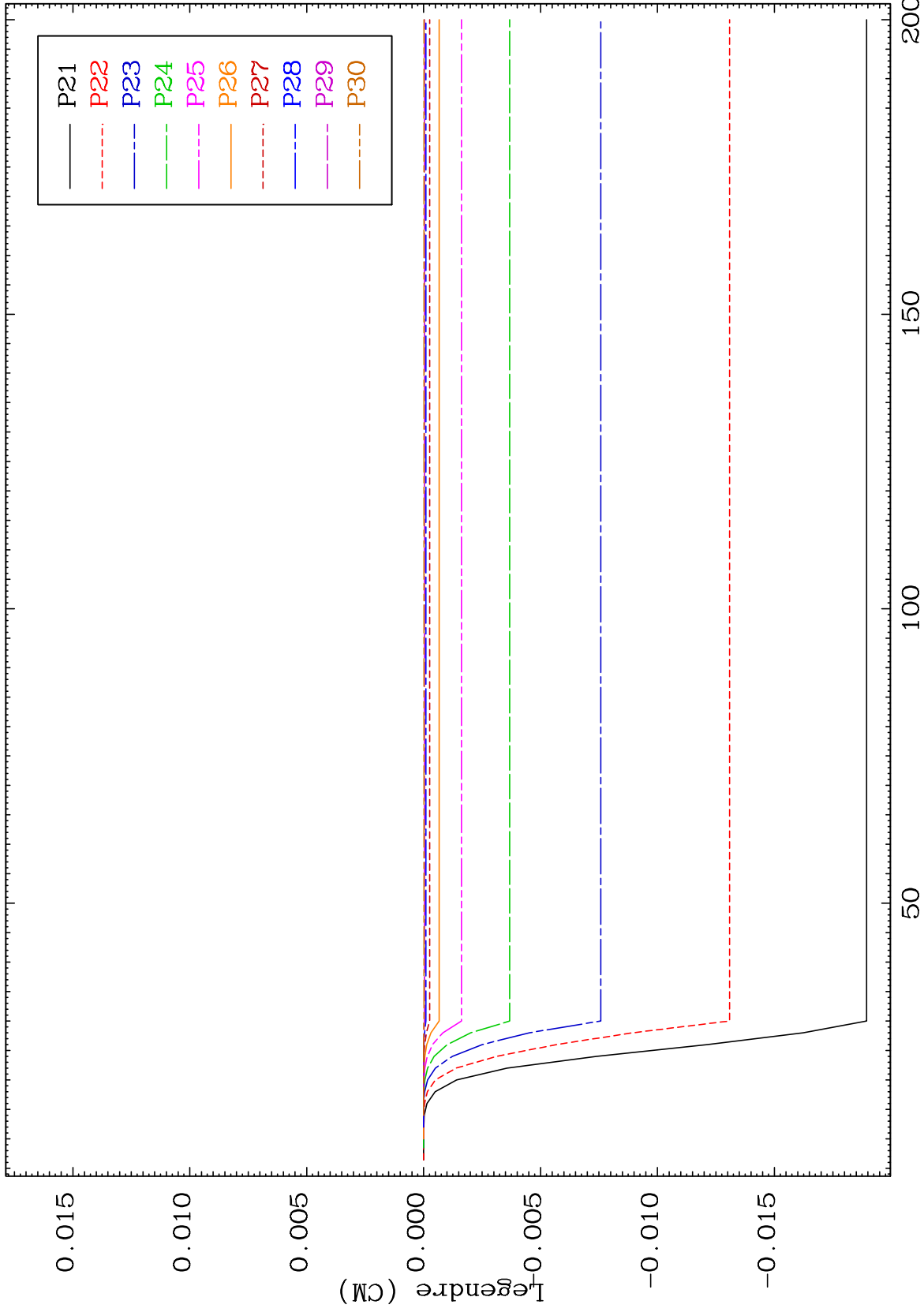




MAT 81116

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

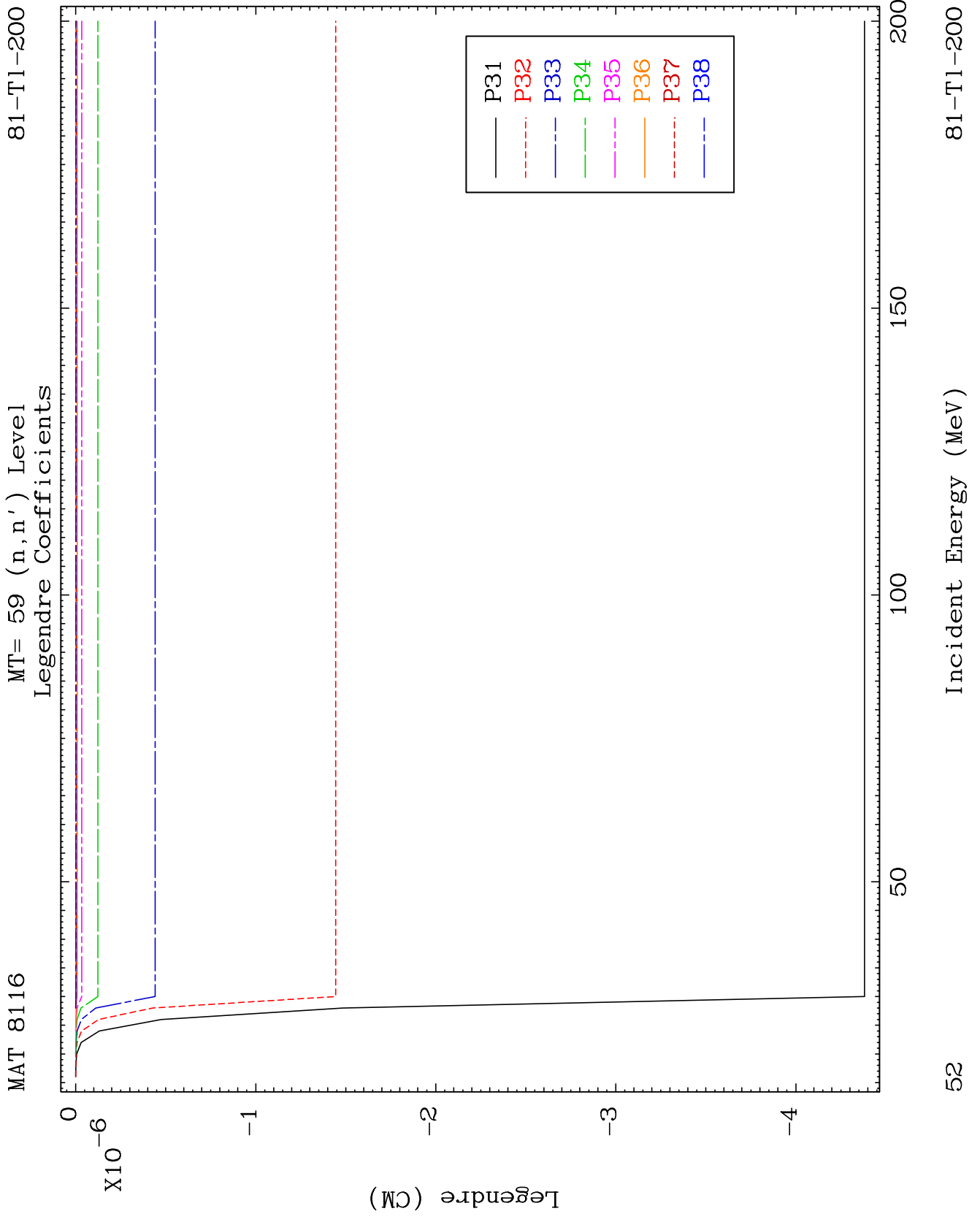
81-T1-200



51

Incident Energy (MeV)

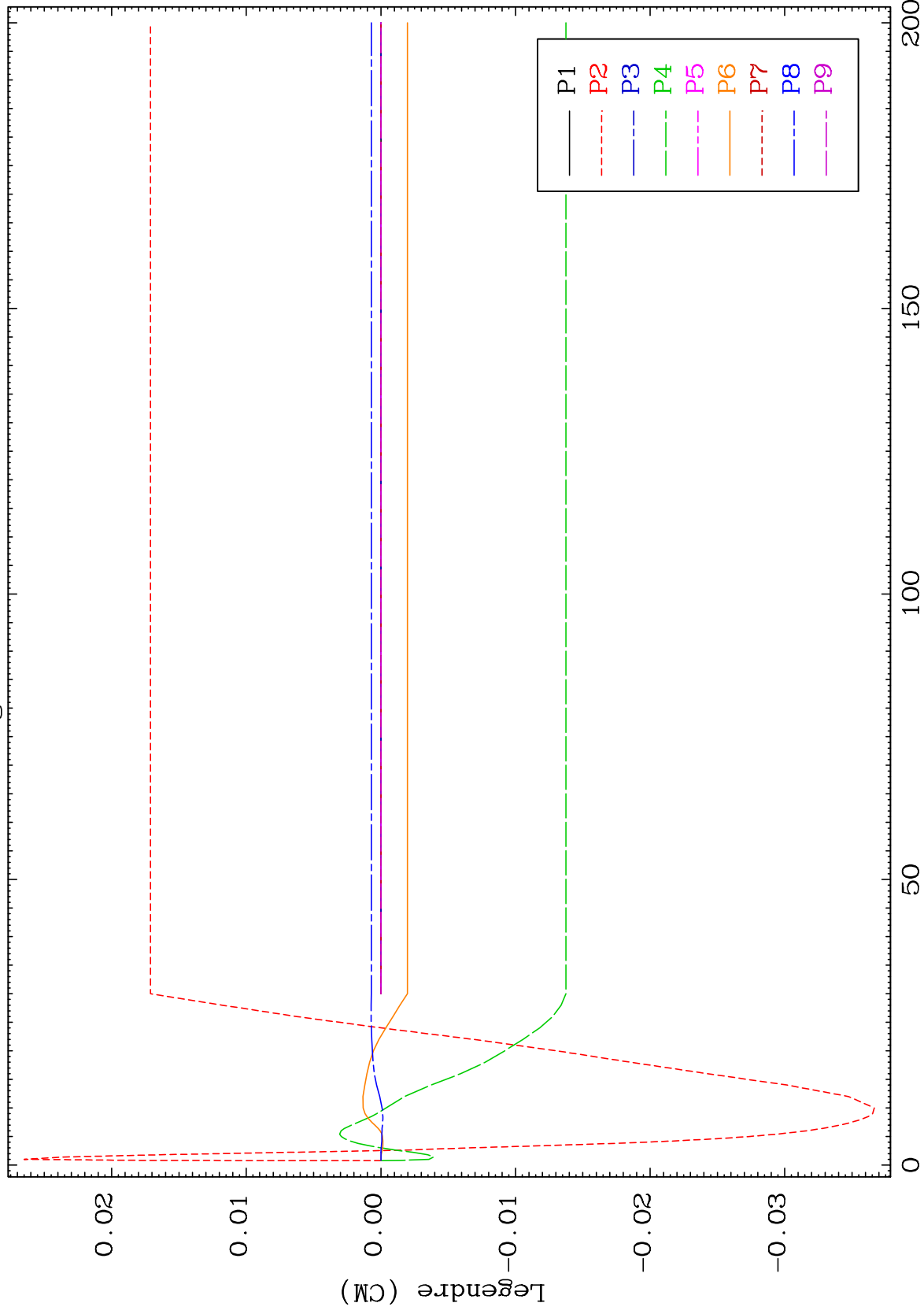
81-T1-200



MAT 81116

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

81-T1-200



53

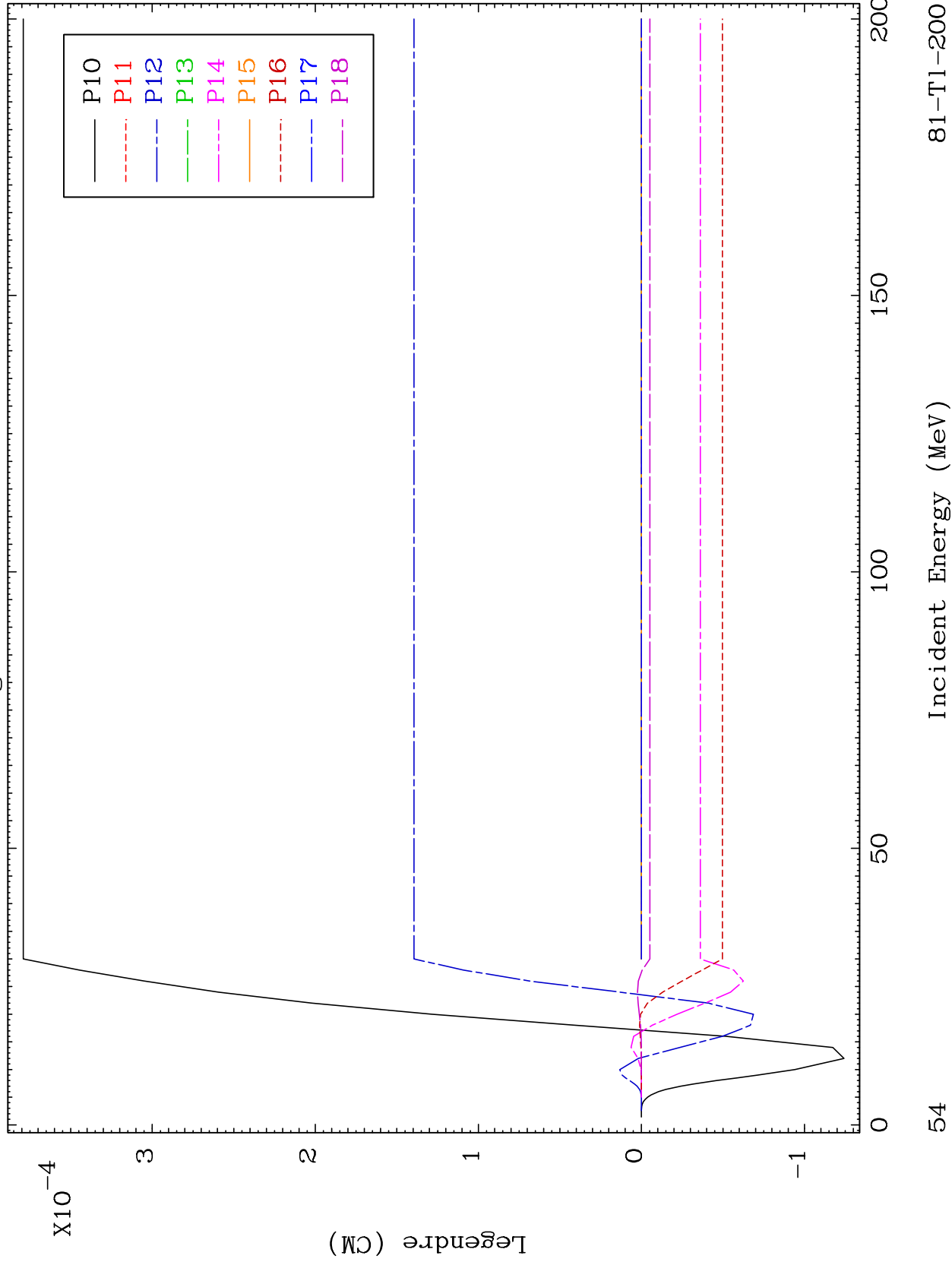
Incident Energy (MeV)

81-T1-200

MAT 81116

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

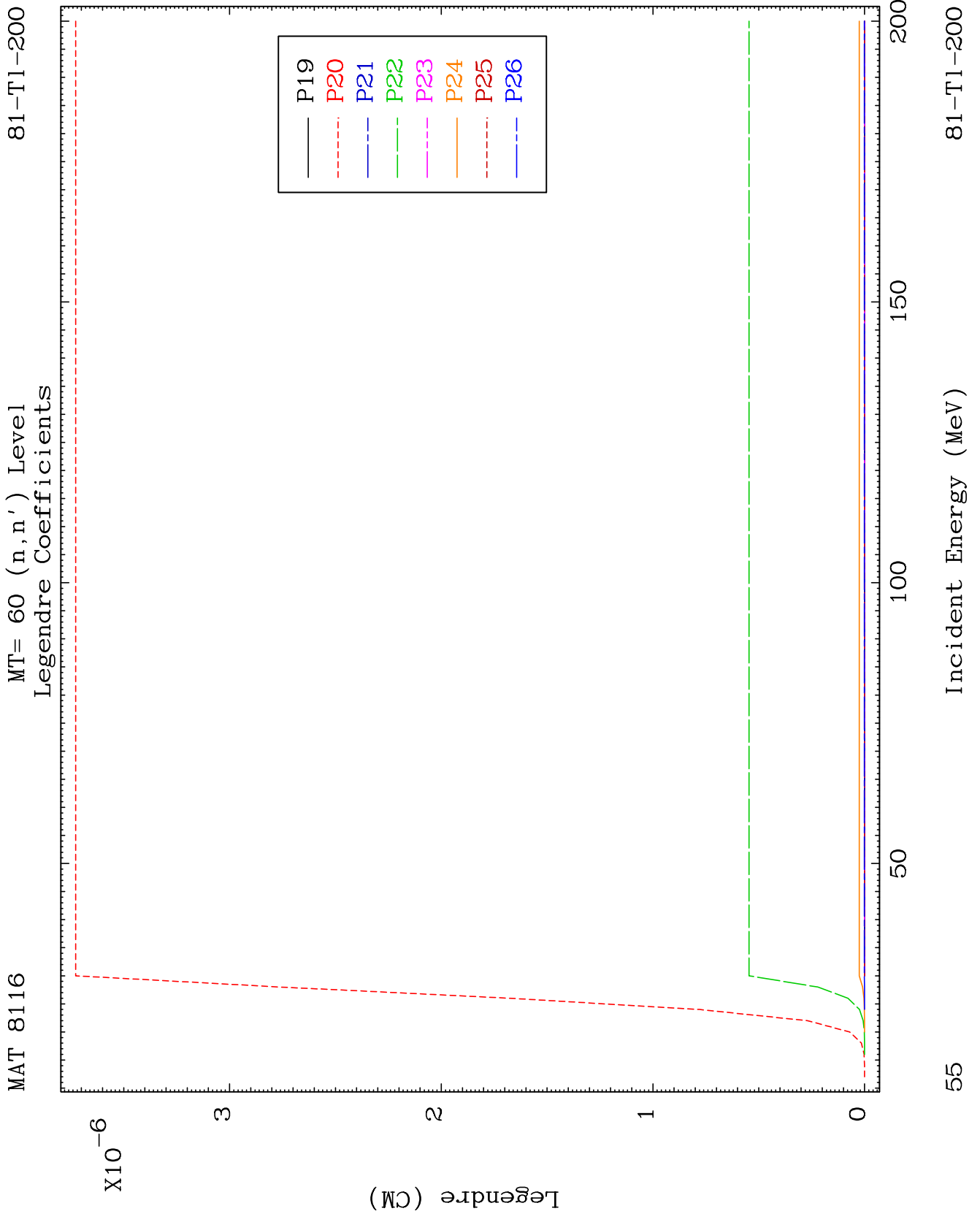
81-T1-200

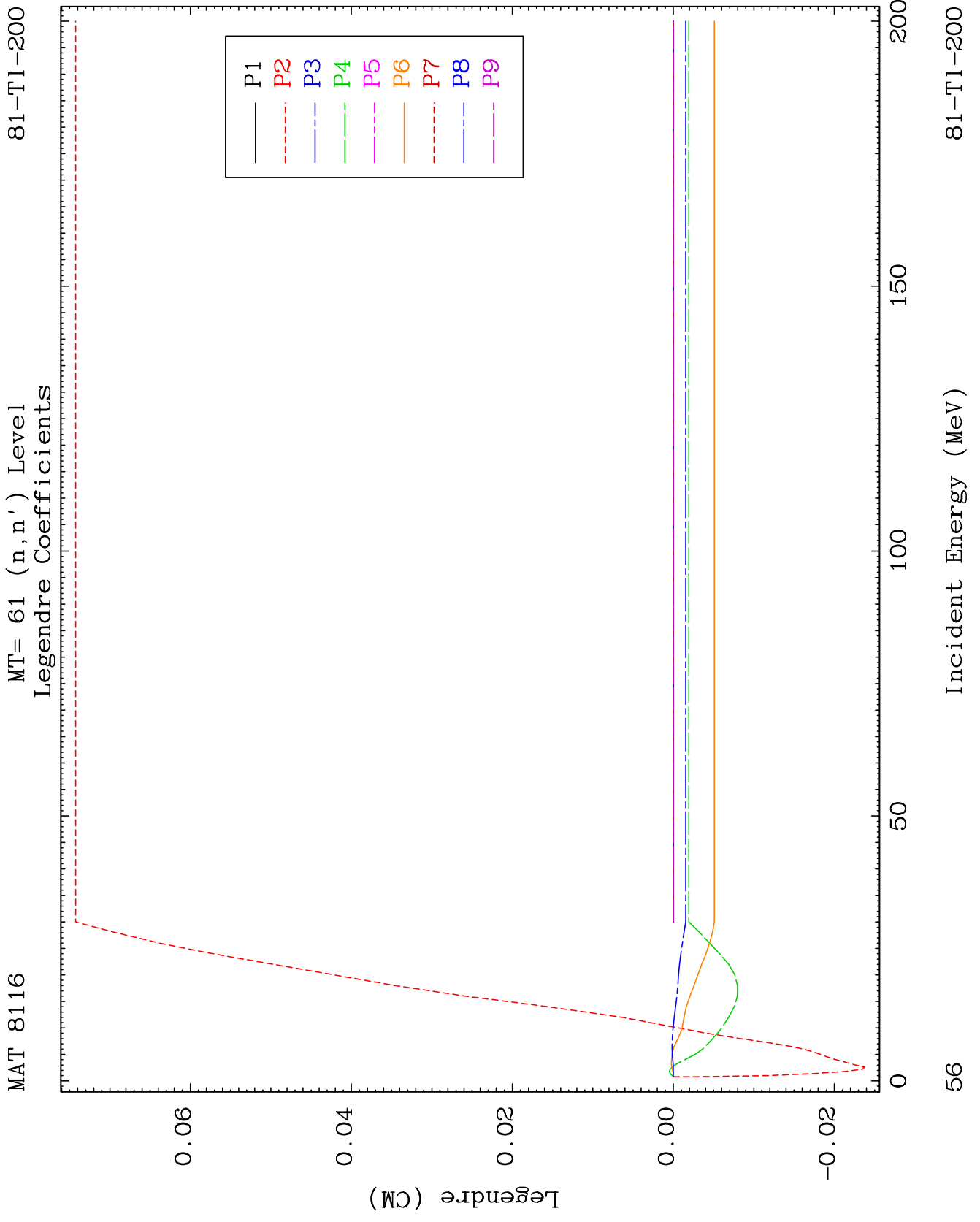


81-T1-200

Incident Energy (MeV)

54

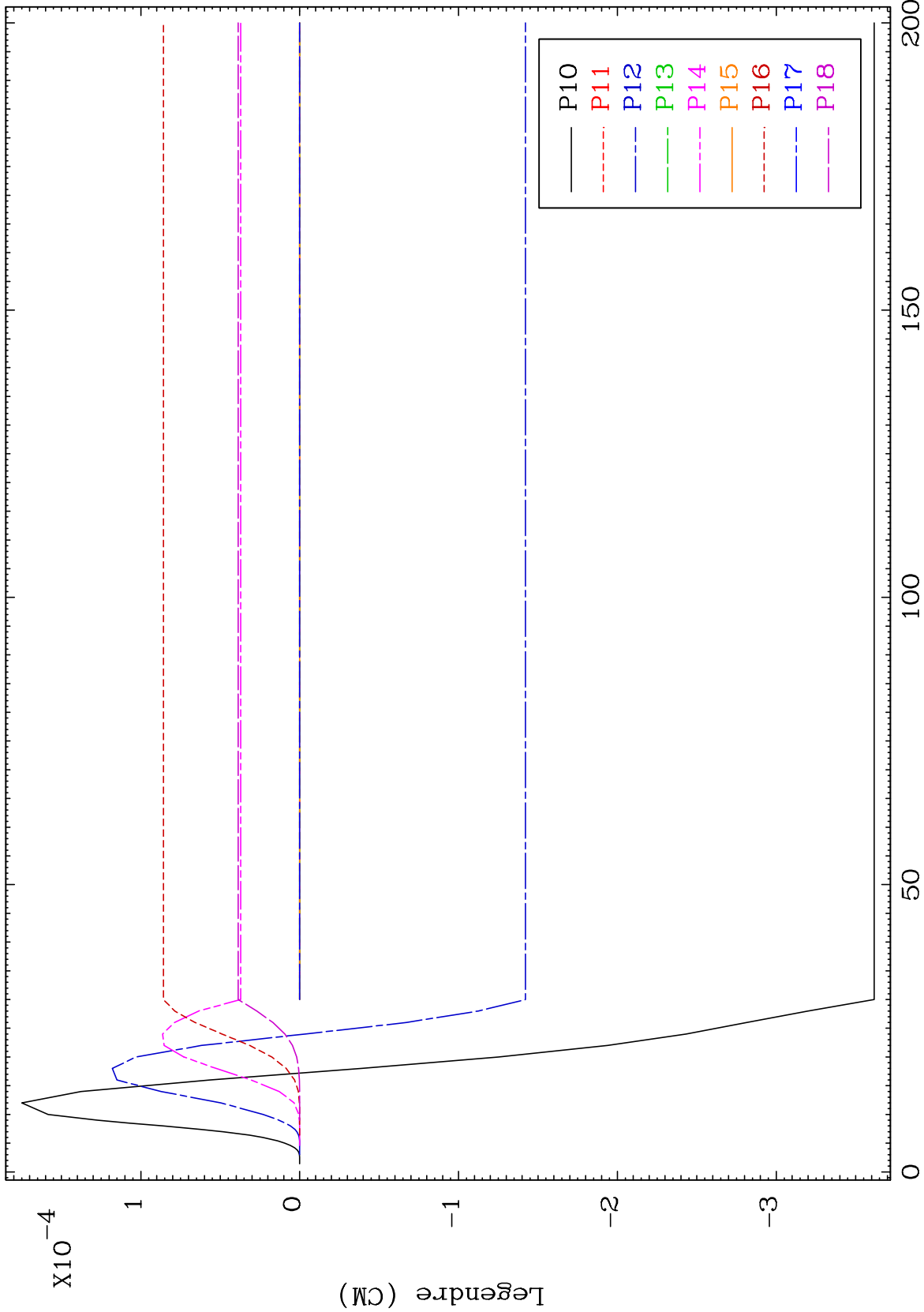




MAT 81116

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

81-T1-200



57

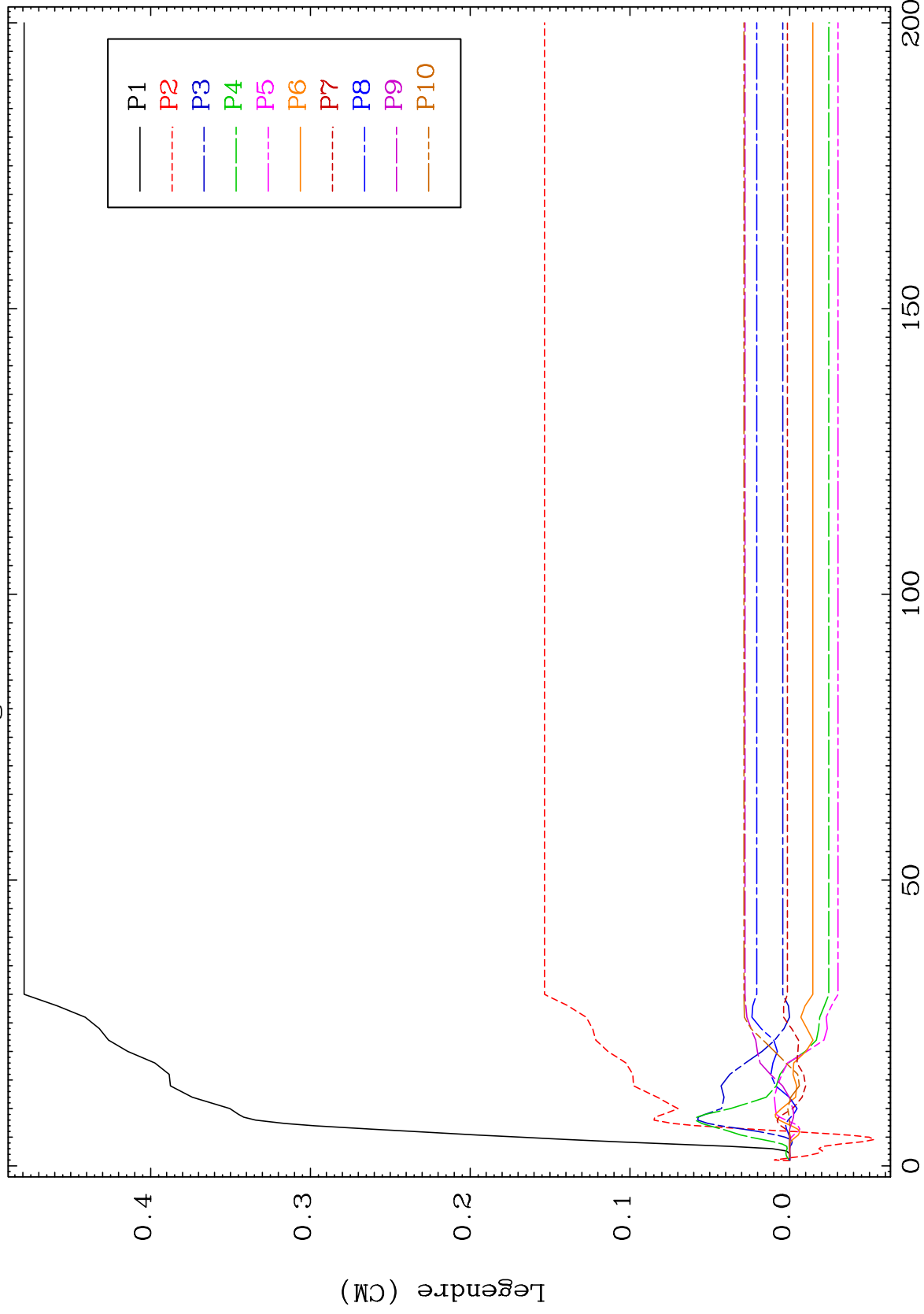
Incident Energy (MeV)

81-T1-200

MAT 81116

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

81-T1-200



59

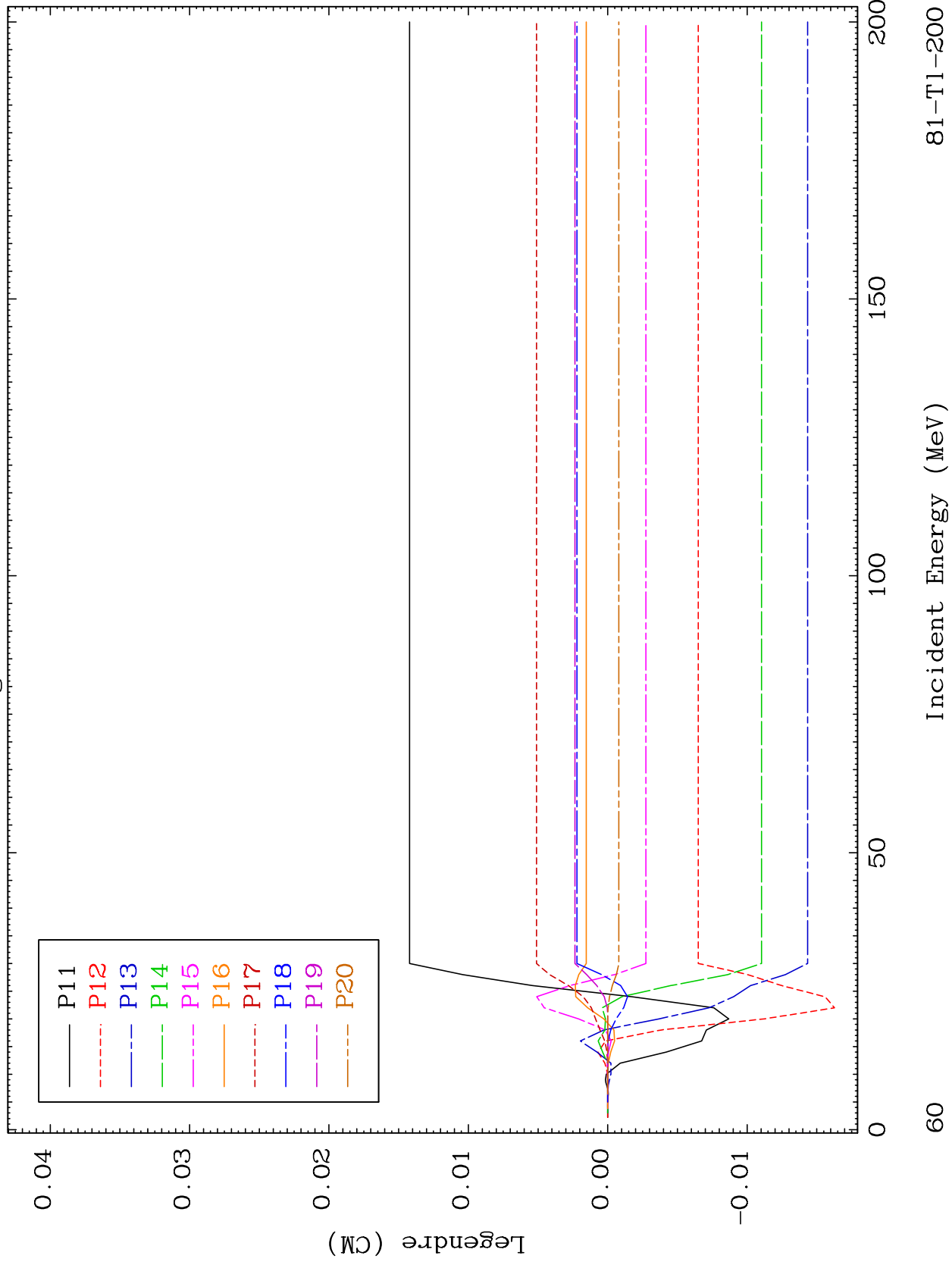
Incident Energy (MeV)

81-T1-200

MAT 8116

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

81-T1-200

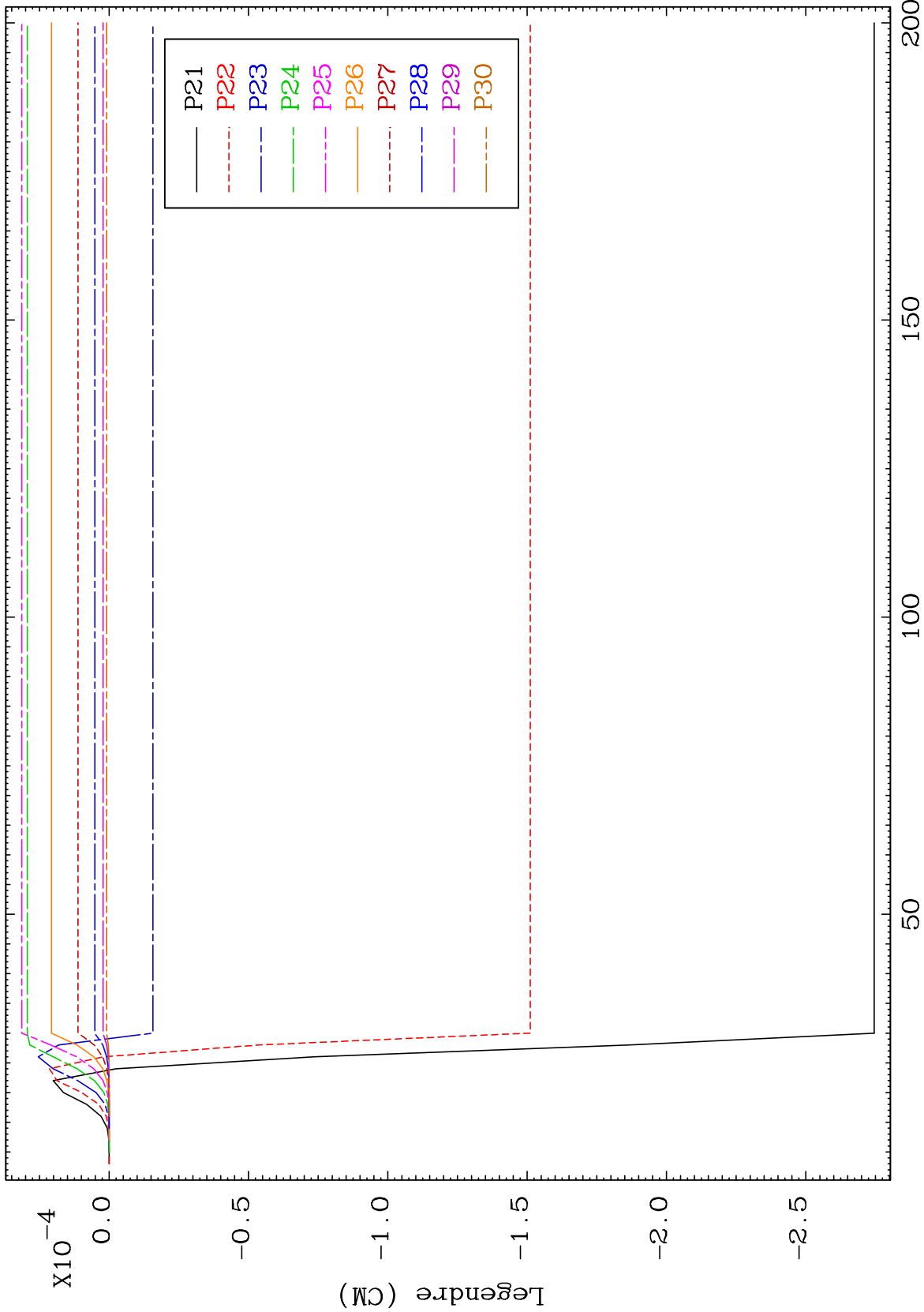


81-T1-200

MAT 81116

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

81-T1-200



61

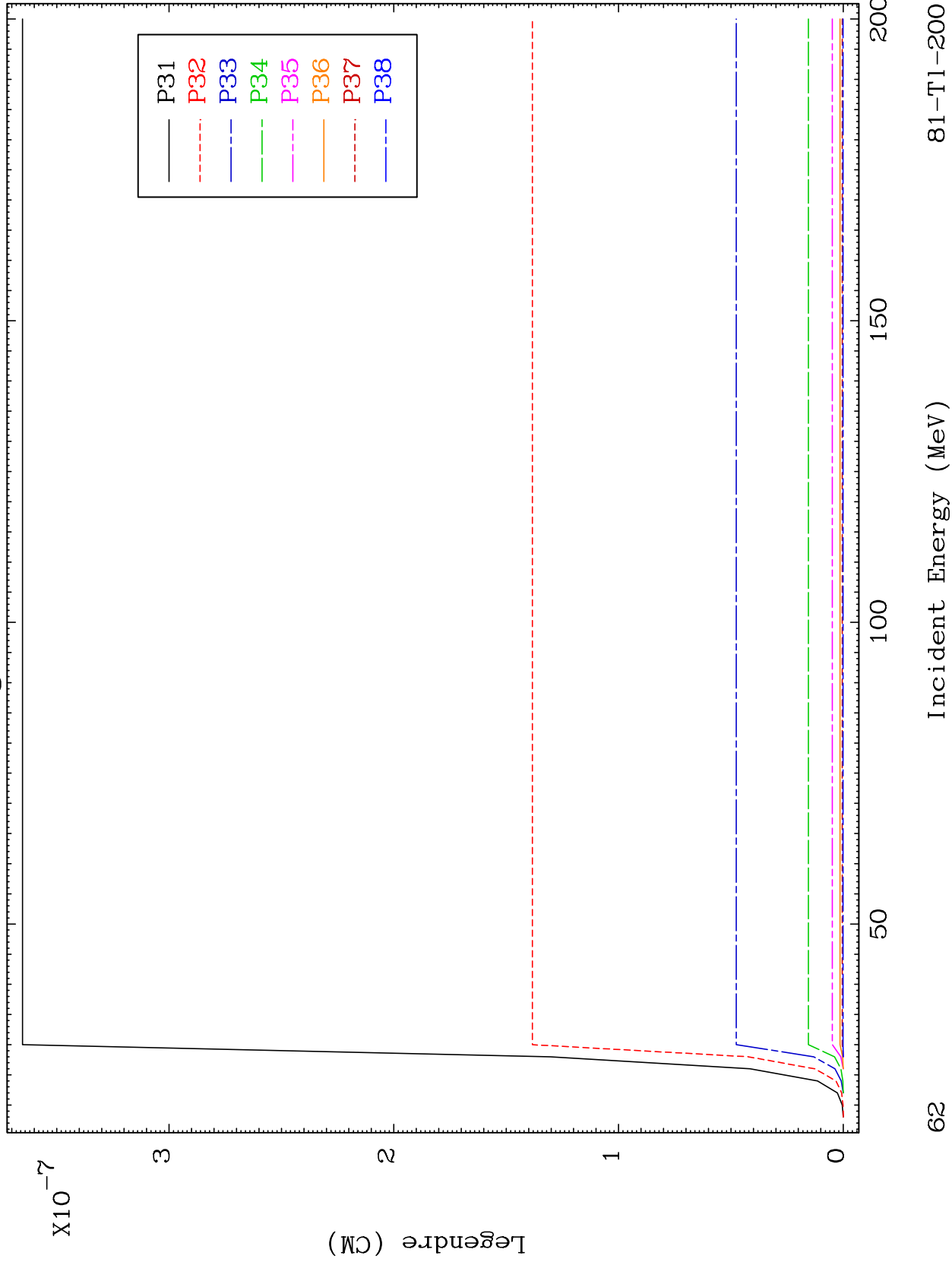
Incident Energy (MeV)

81-T1-200

MAT 81116

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

81-T1-200



81-T1-200

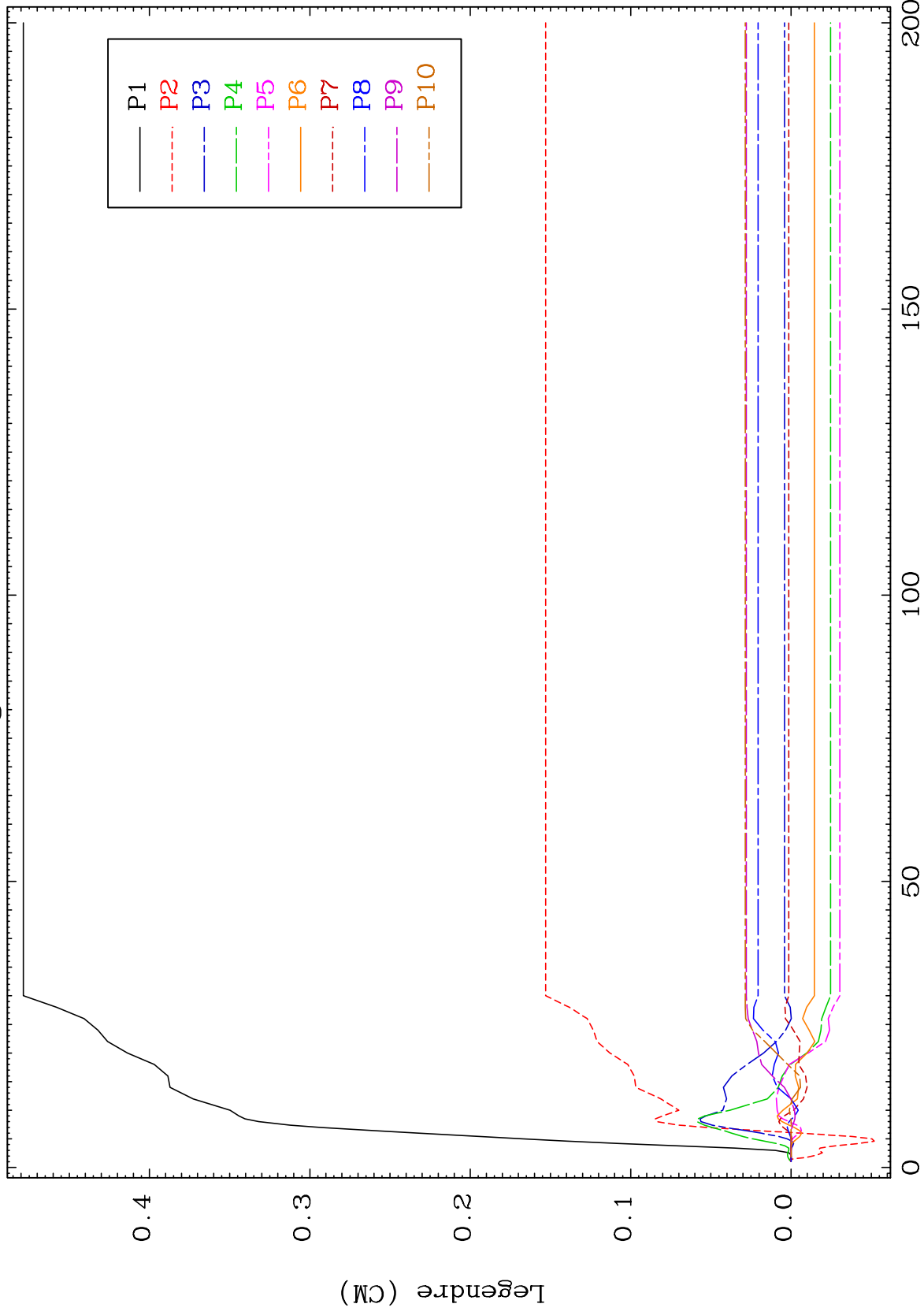
Incident Energy (MeV)

62

MAT 81116

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

81-T1-200



63

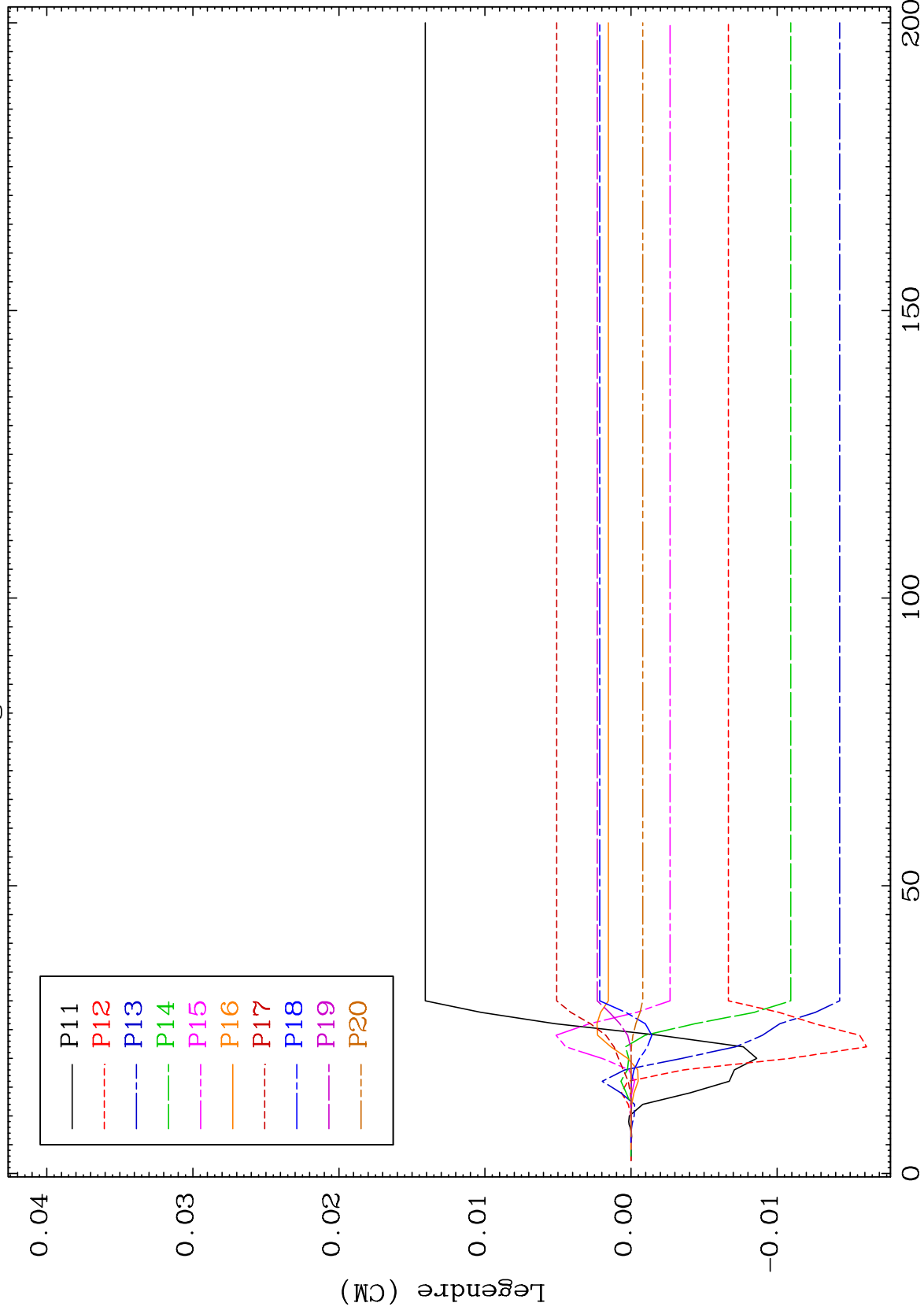
Incident Energy (MeV)

81-T1-200

MAT 8116

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

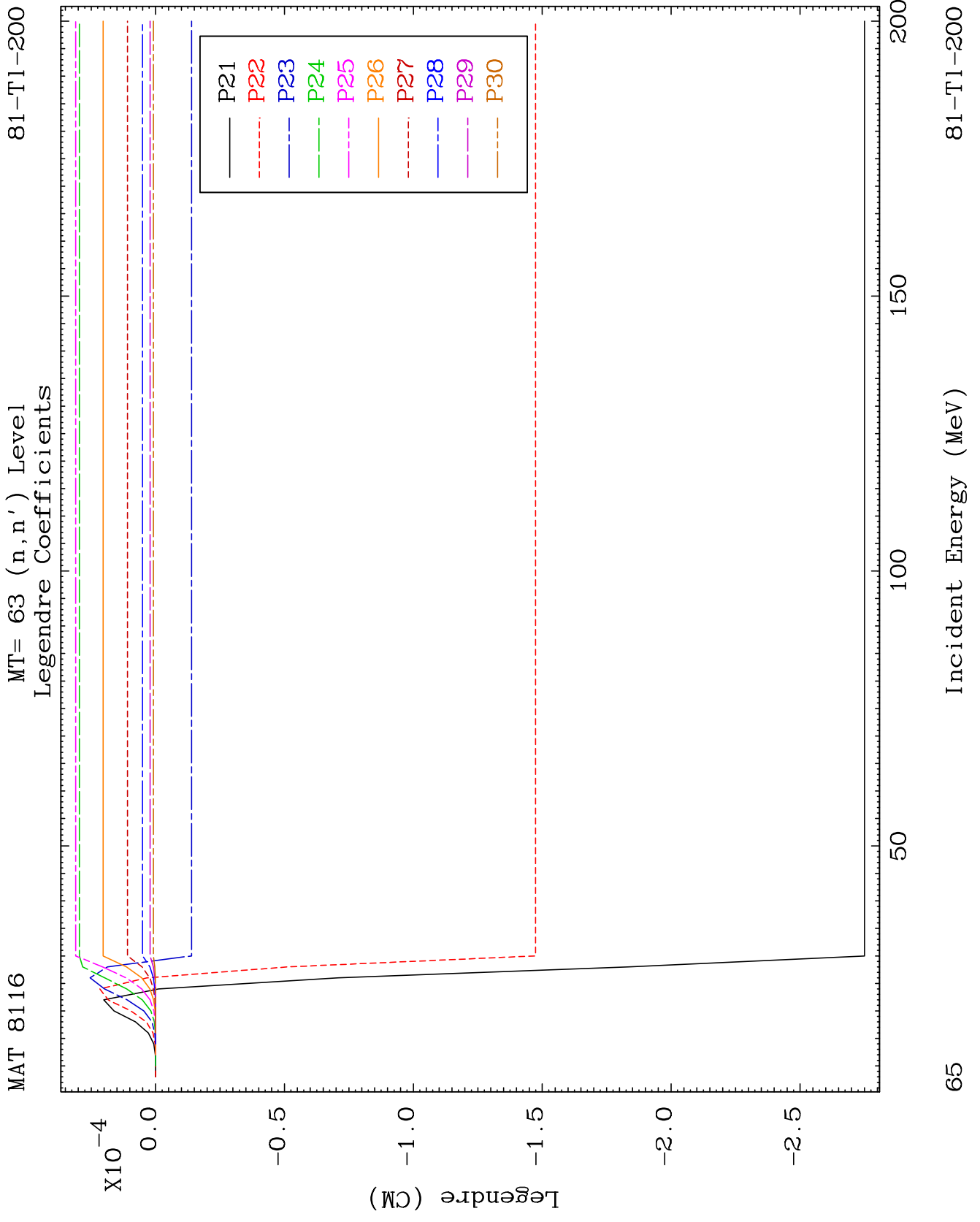
81-T1-200



64

Incident Energy (MeV)

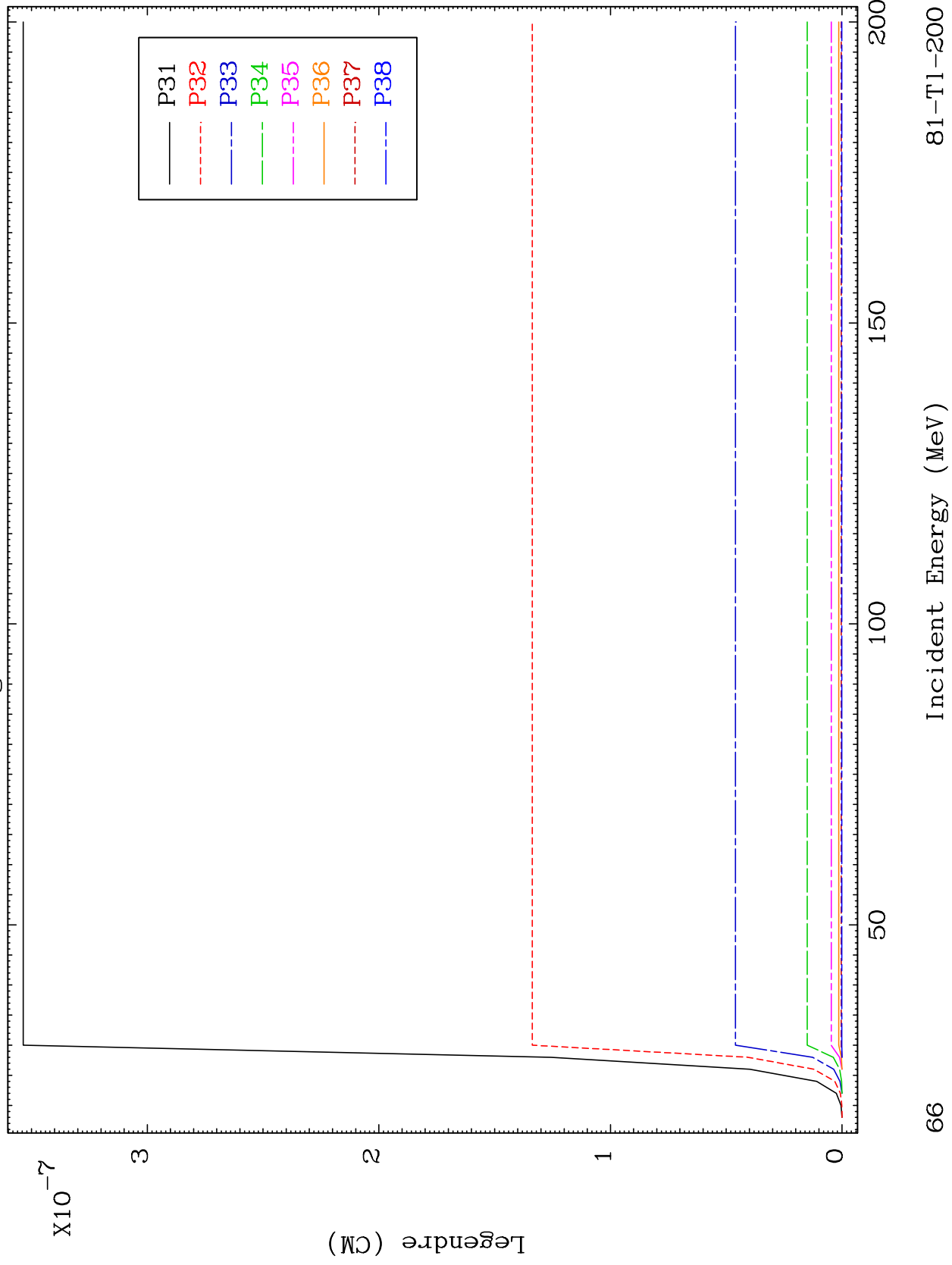
81-T1-200



MAT 81116

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

81-T1-200

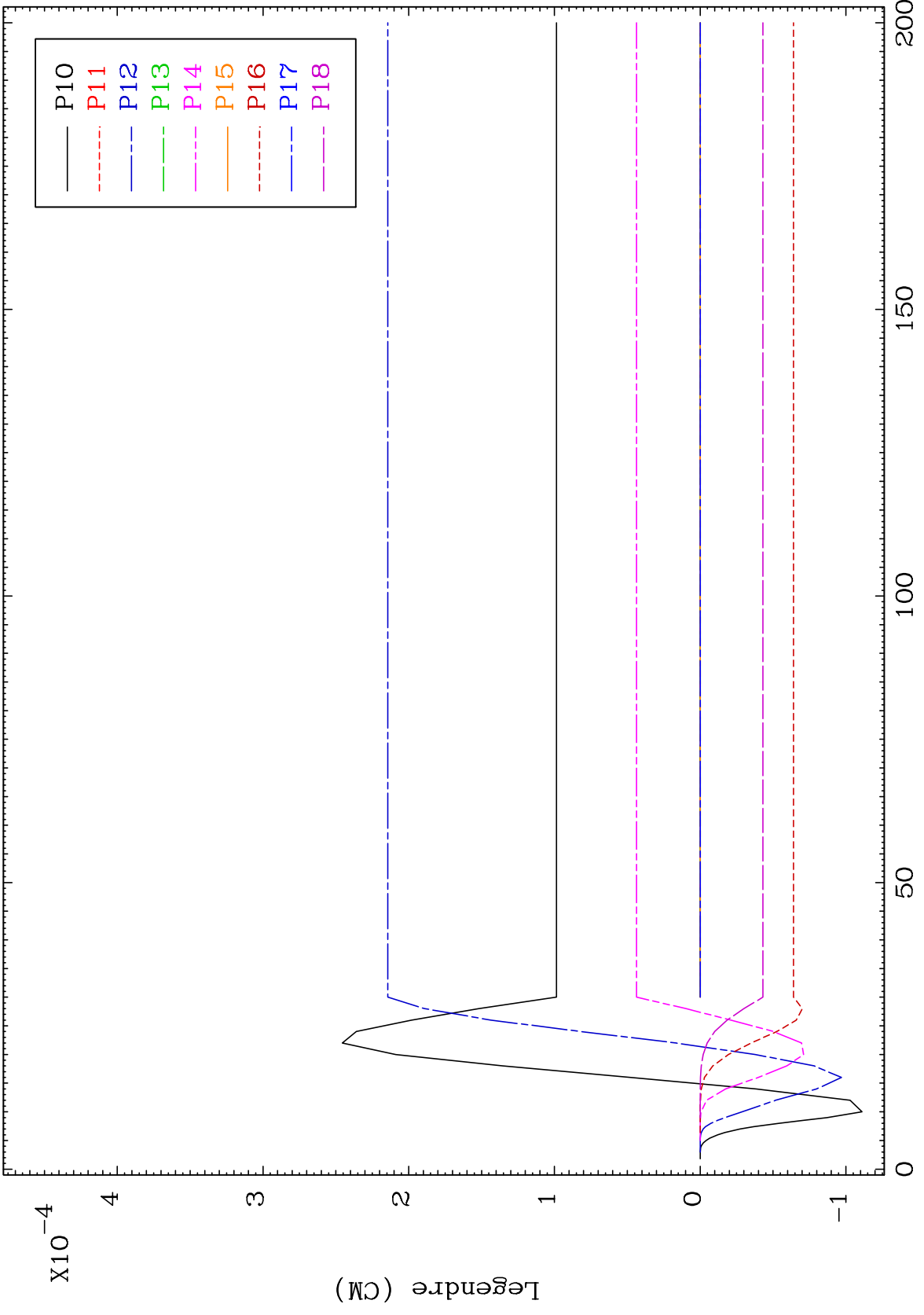


MAT 81116

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

81-T1-200

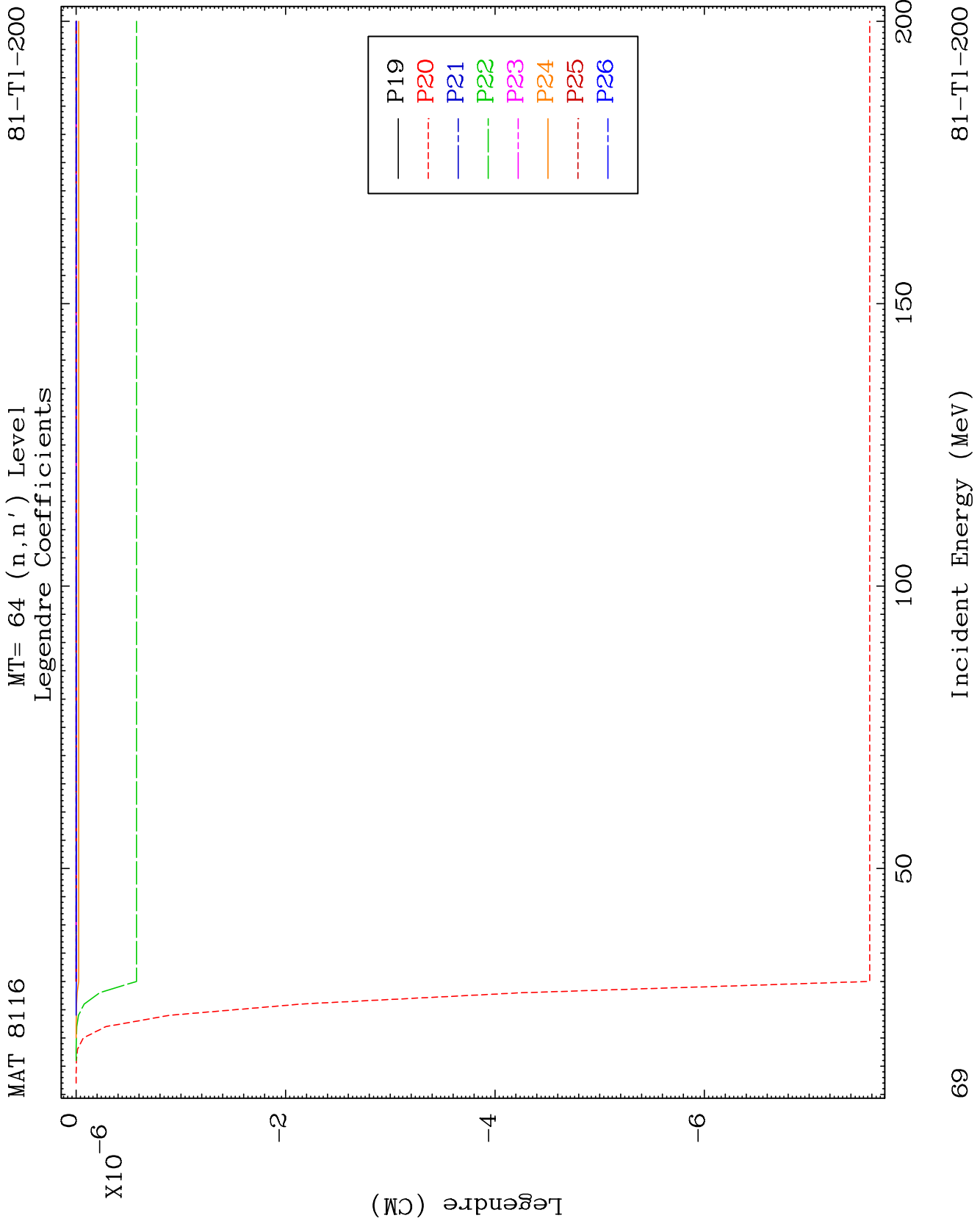
$\times 10^{-4}$



68

Incident Energy (MeV)

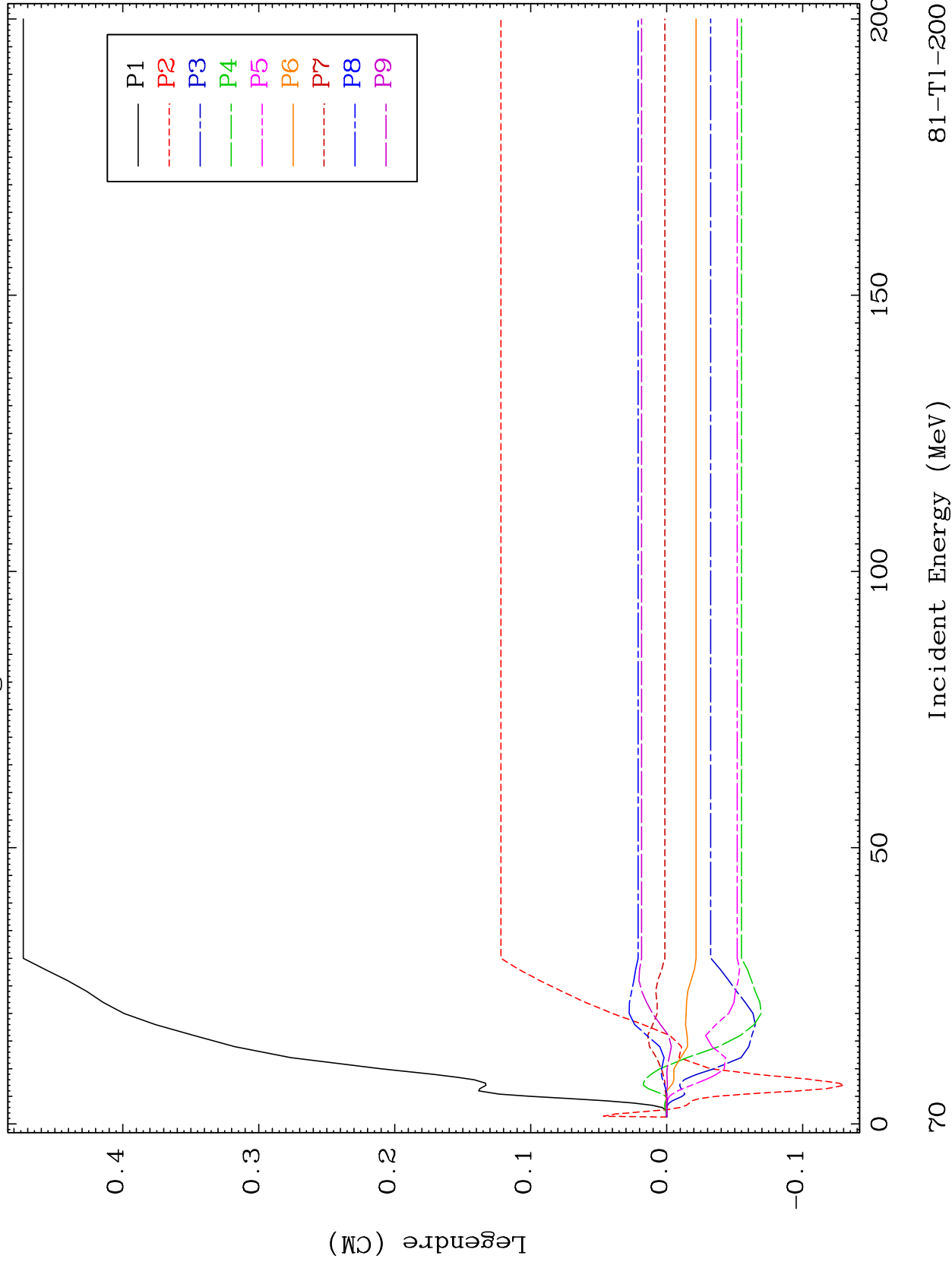
81-T1-200



MAT 81116

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

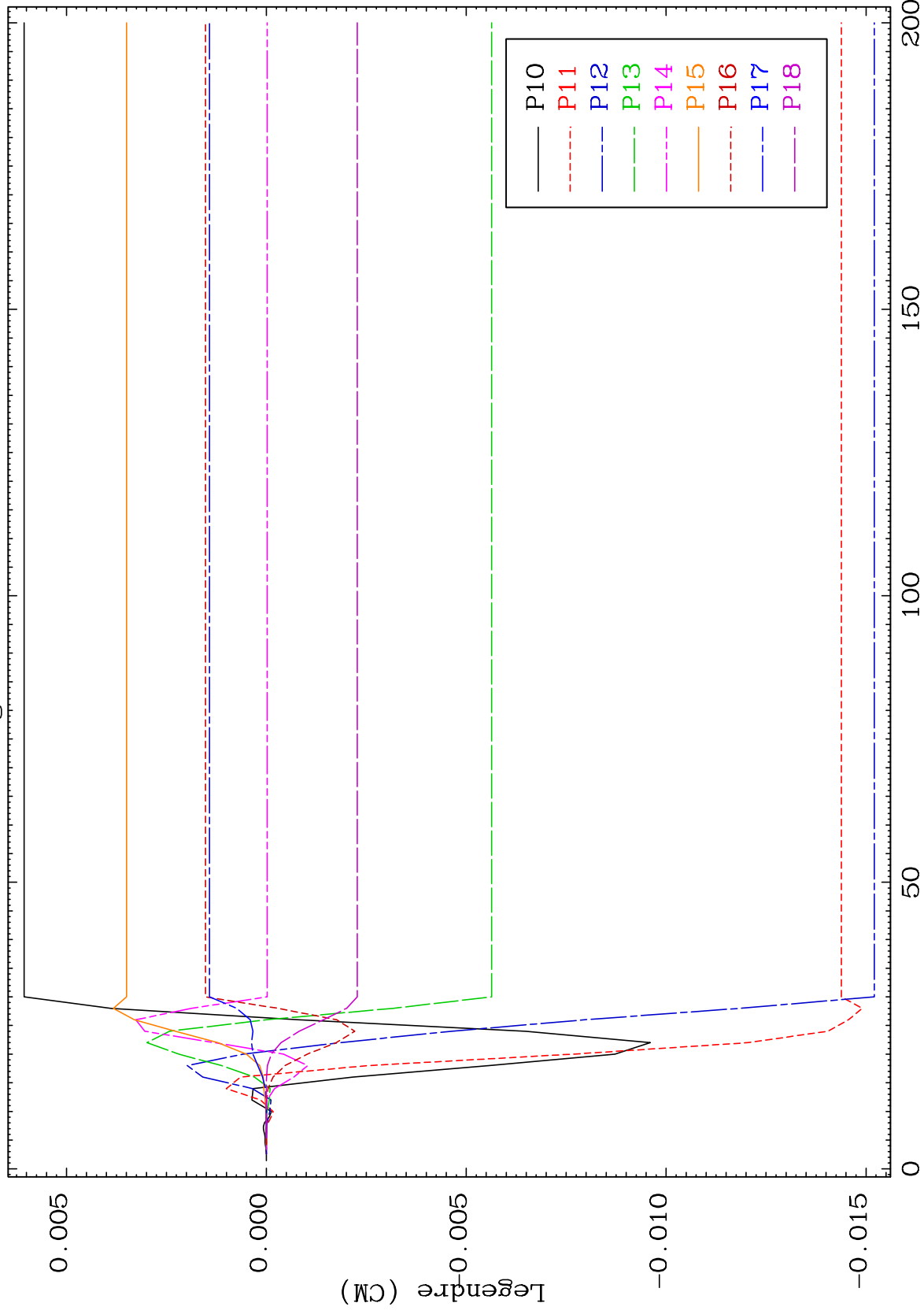
81-T1-200



MAT 81116

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

81-T1-200



71

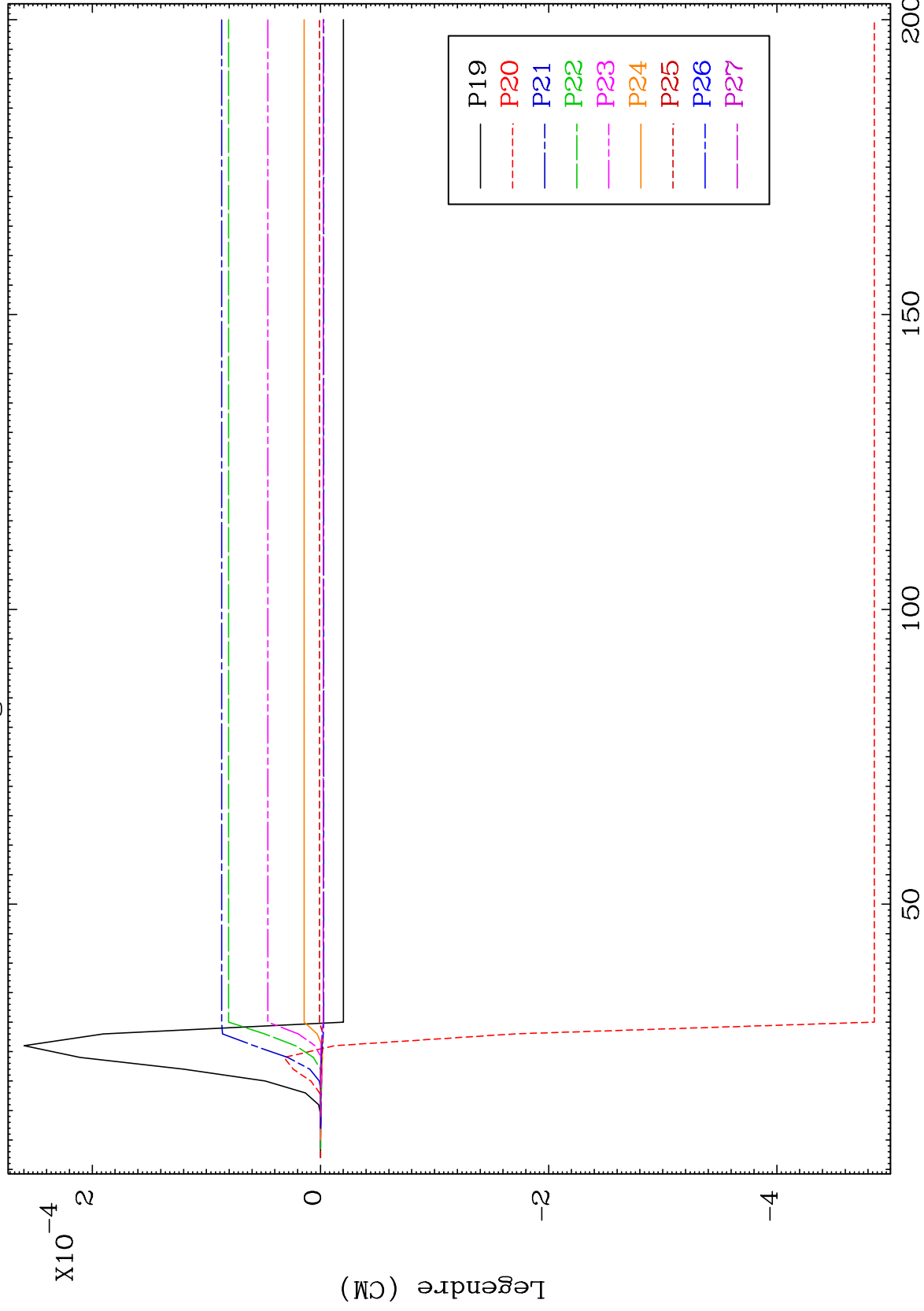
Incident Energy (MeV)

81-T1-200

MAT 81116

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

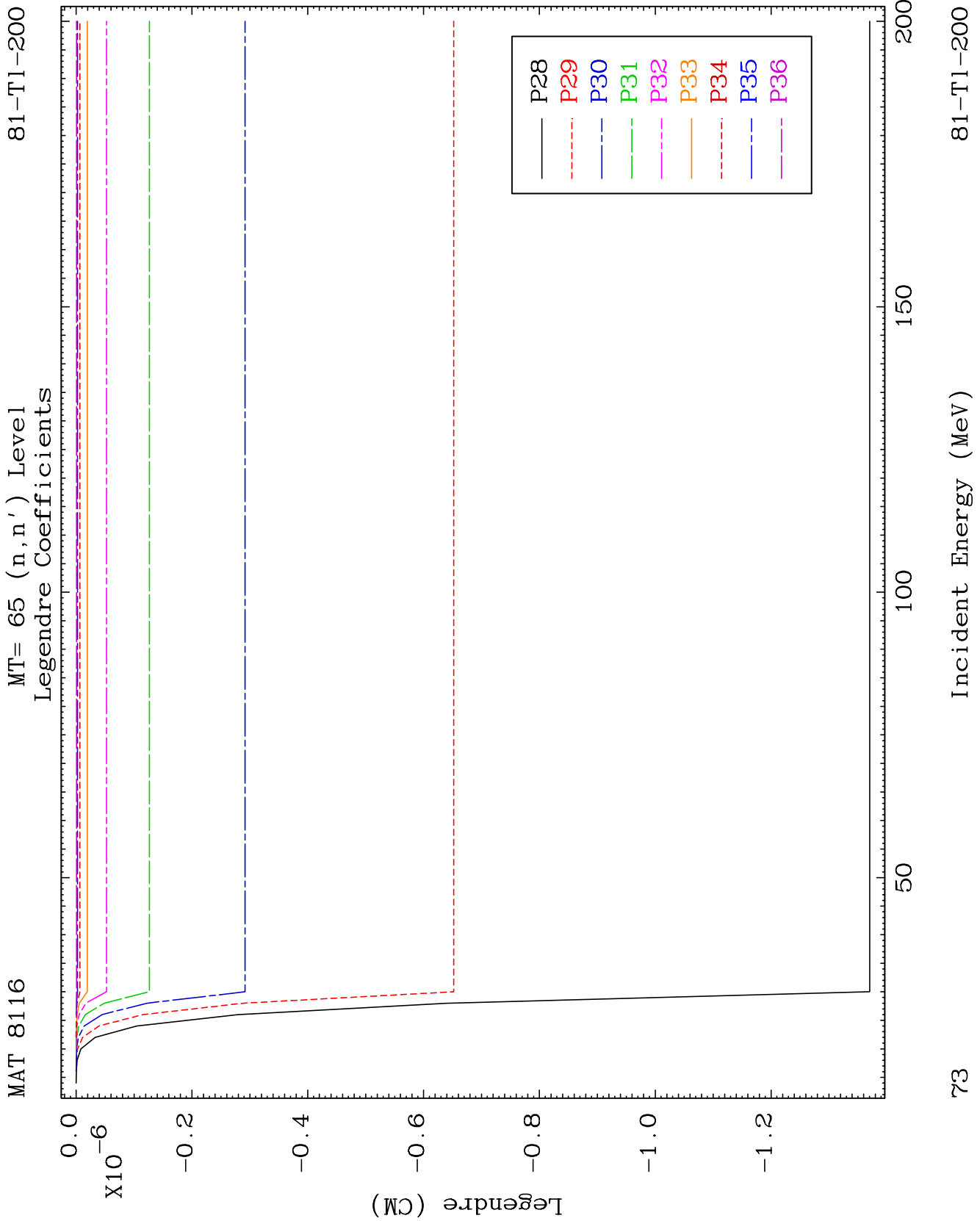
81-T1-200



72

Incident Energy (MeV)

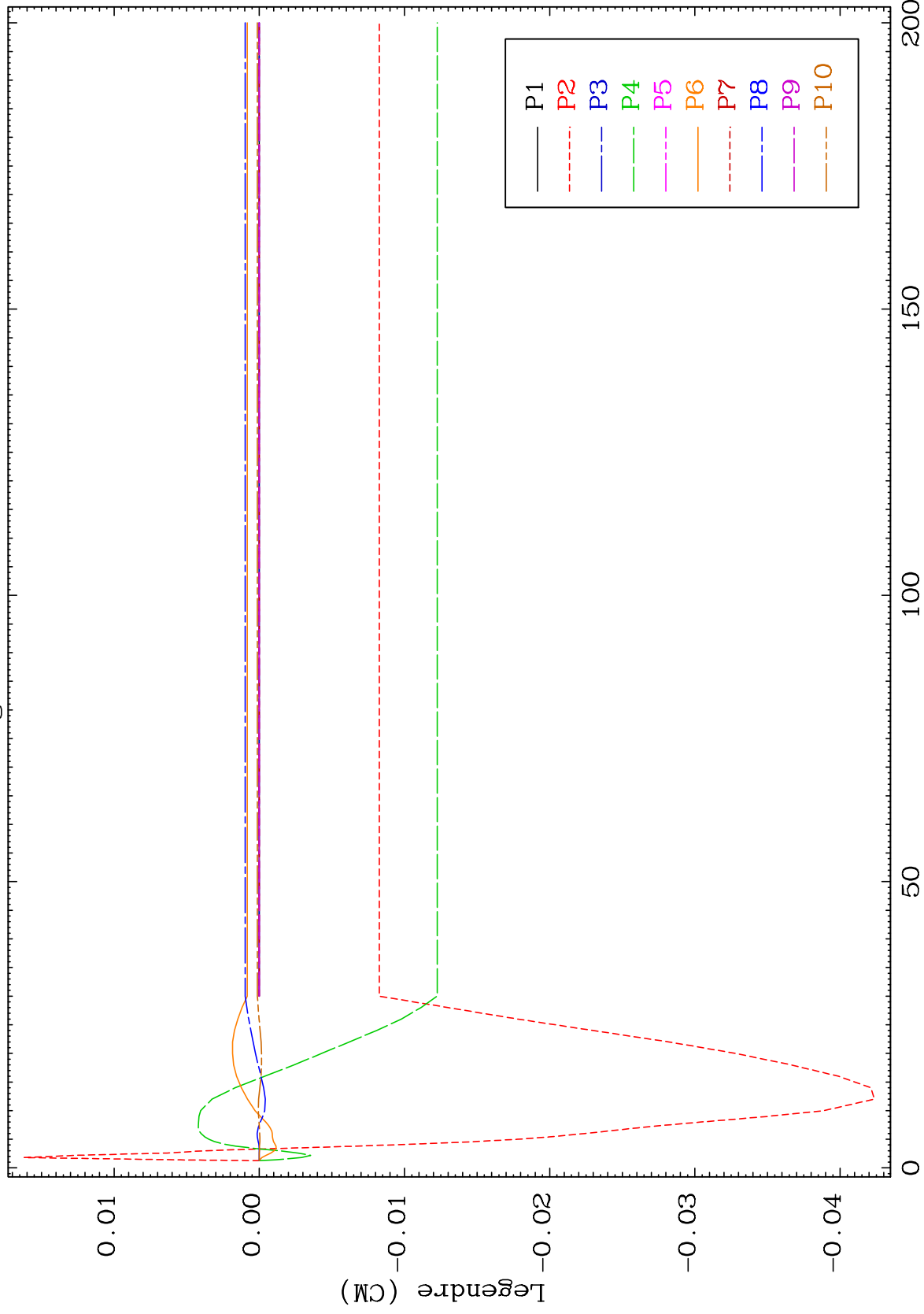
81-T1-200



MAT 81116

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

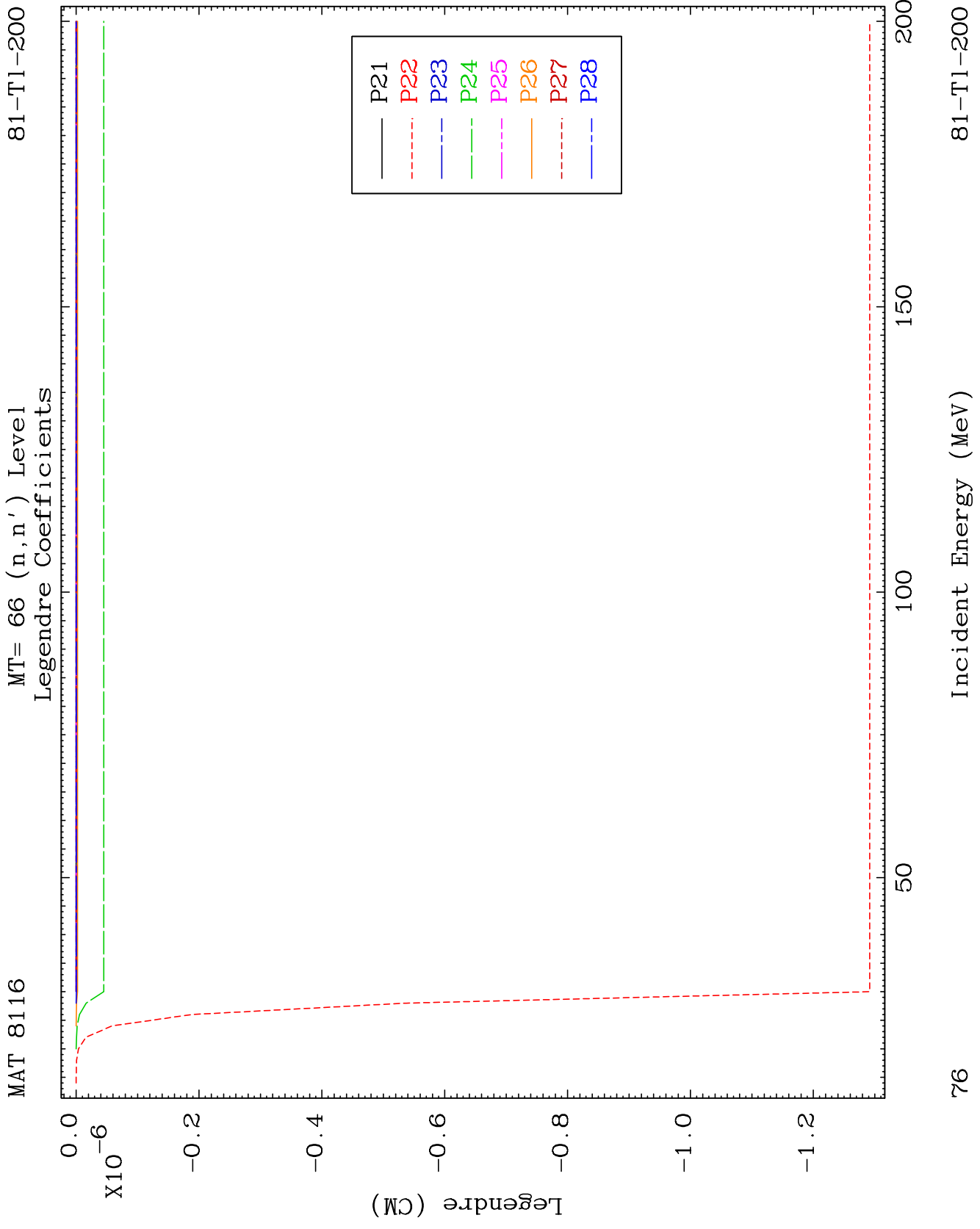
81-T1-200

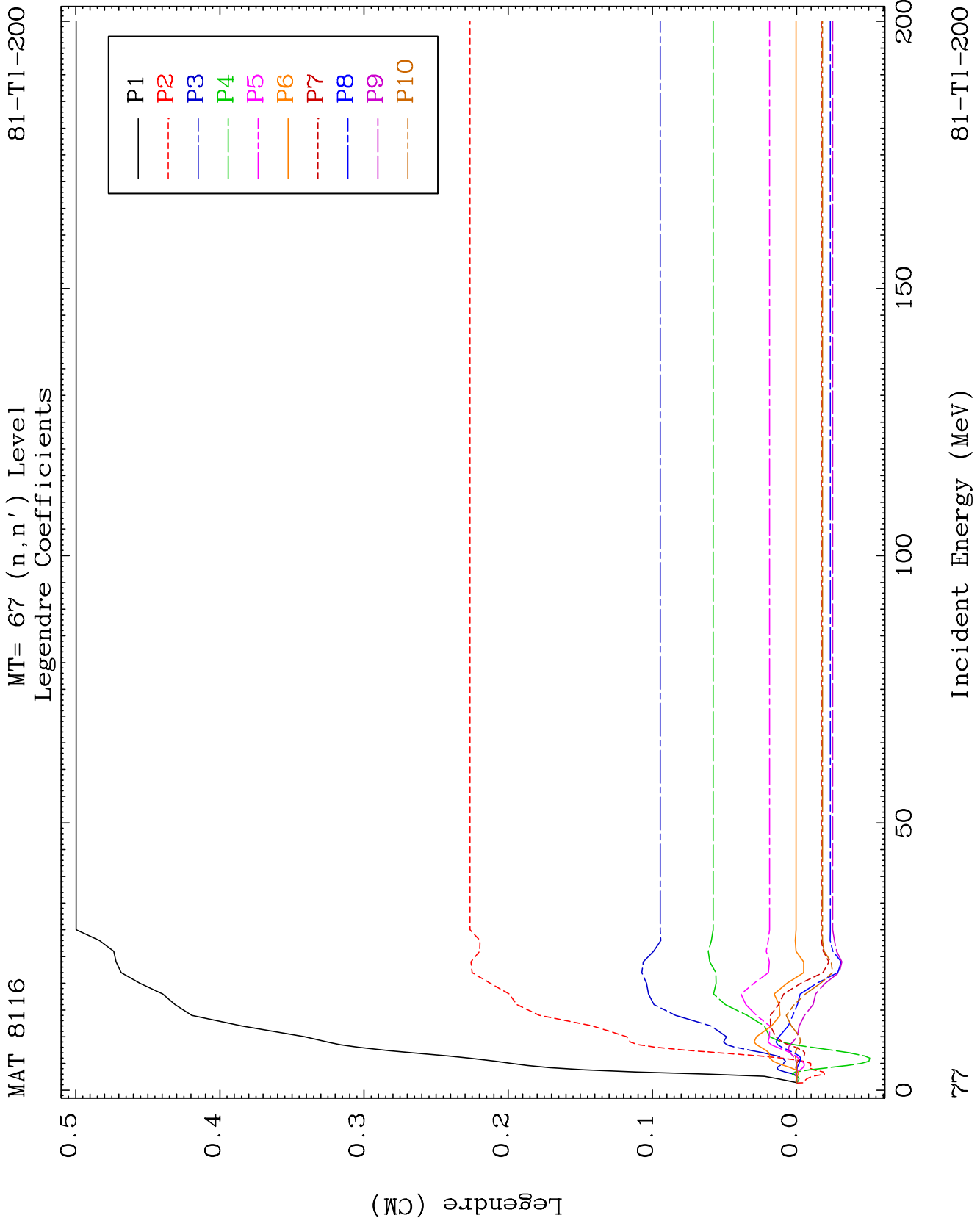


74

Incident Energy (MeV)

81-T1-200

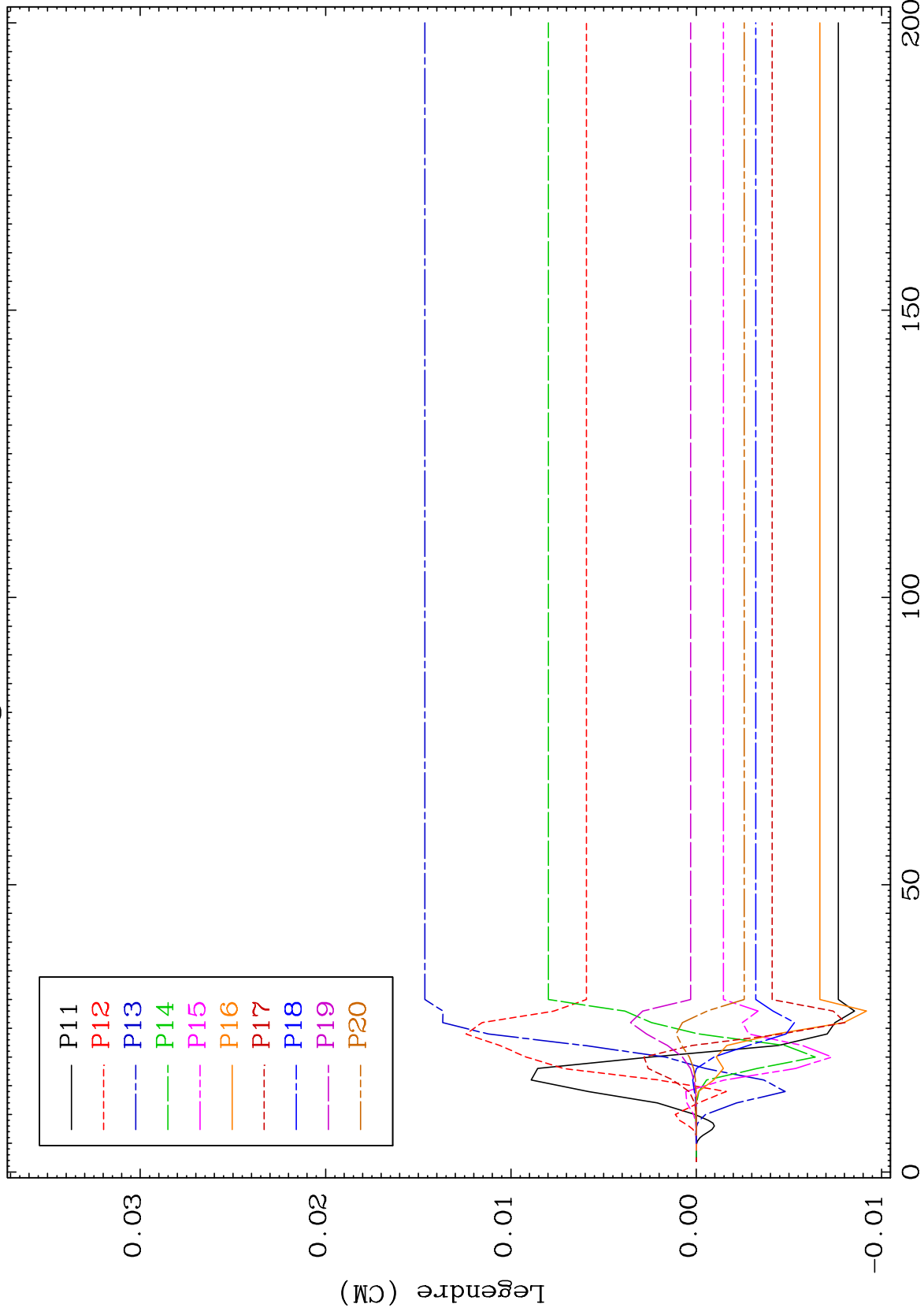




MAT 8116

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

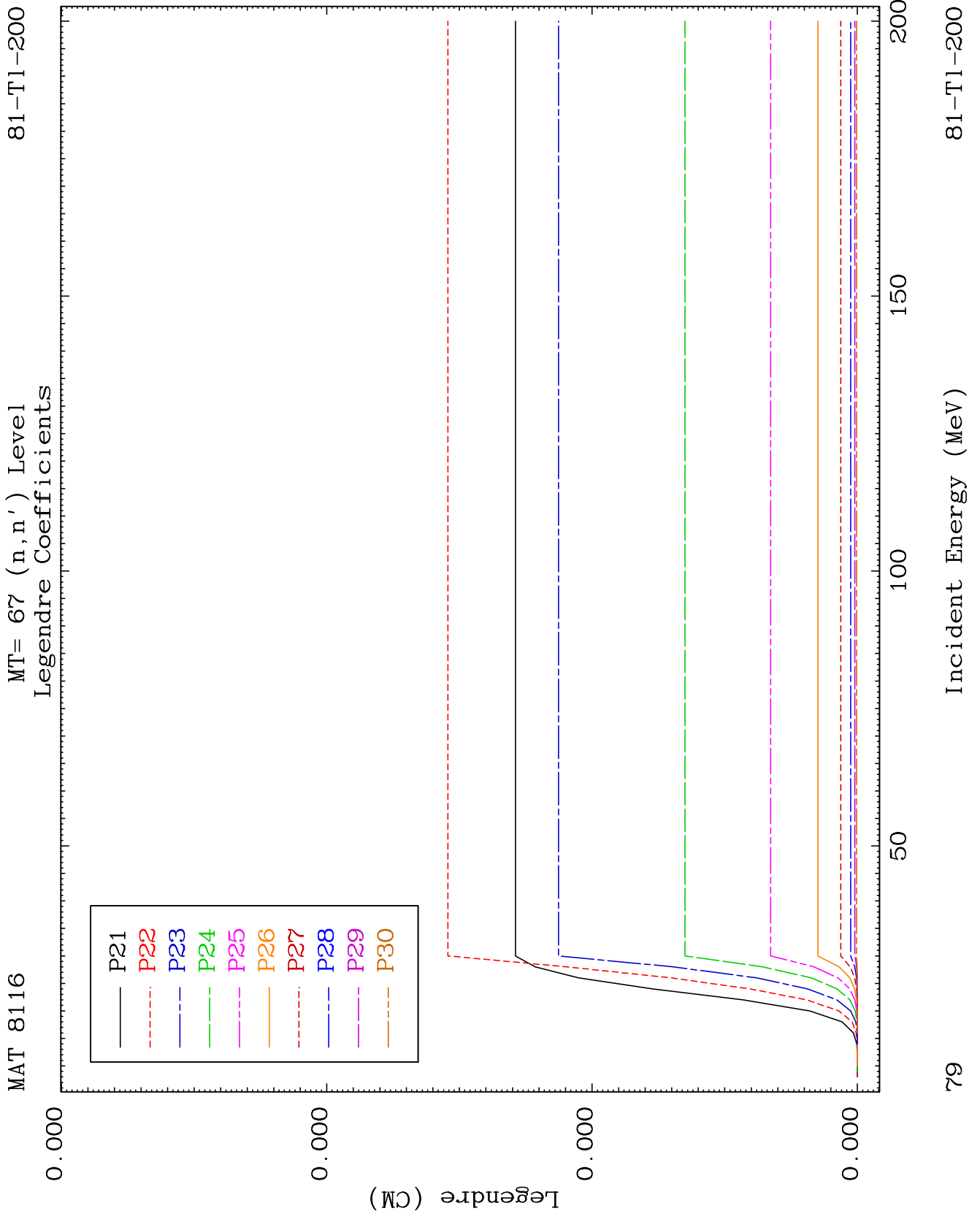
81-T1-200



78

Incident Energy (MeV)

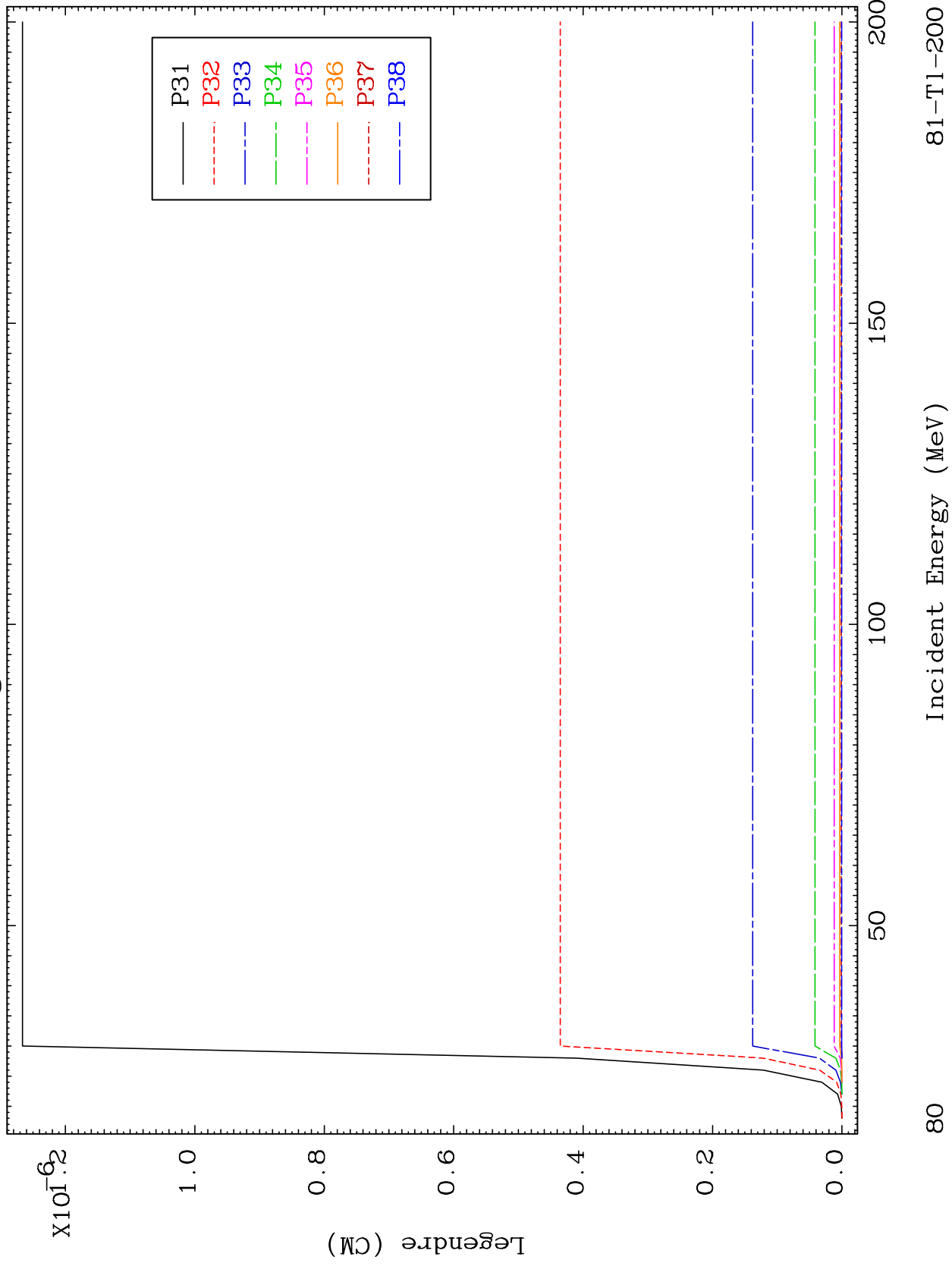
81-T1-200

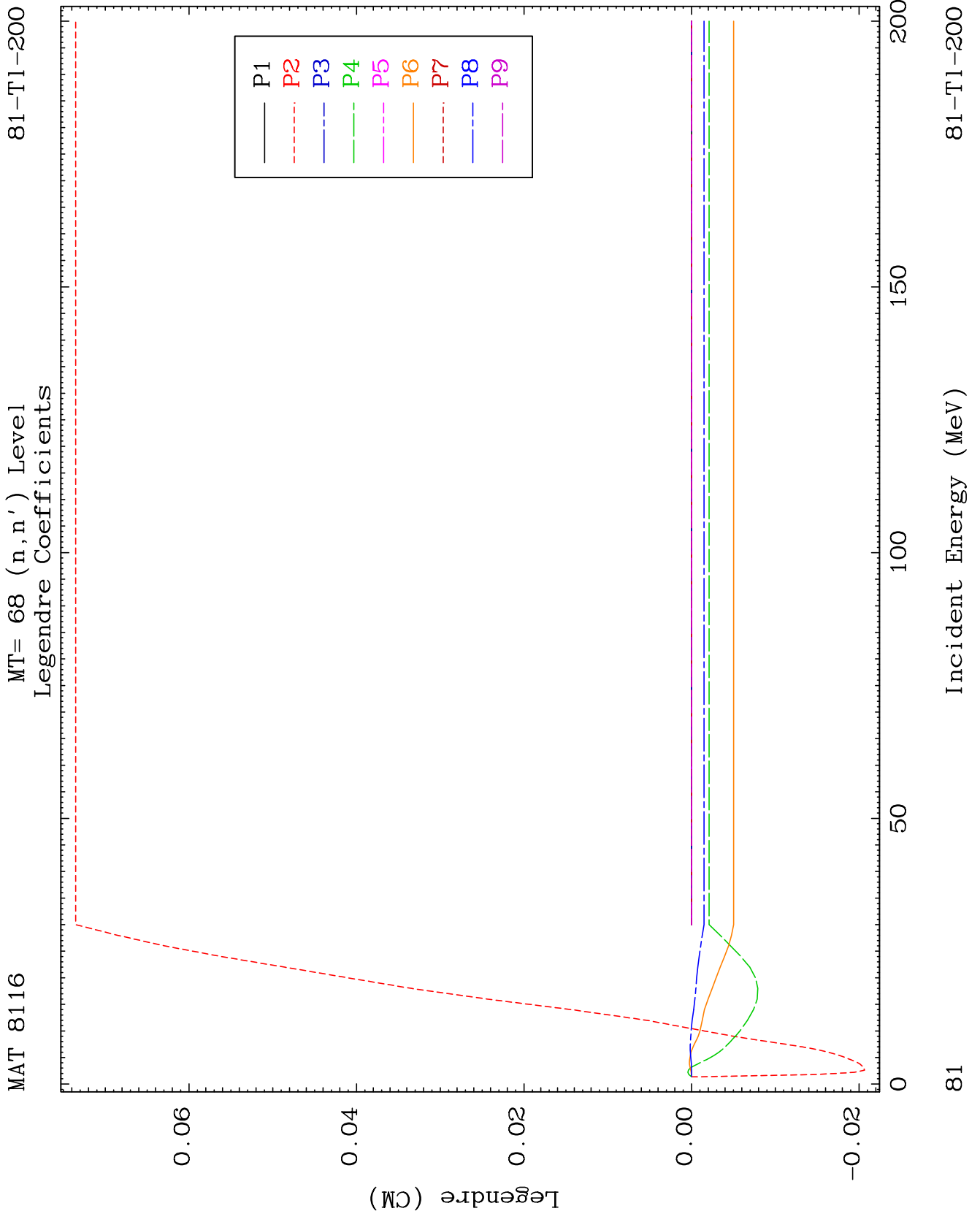


MAT 81116

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

81-T1-200

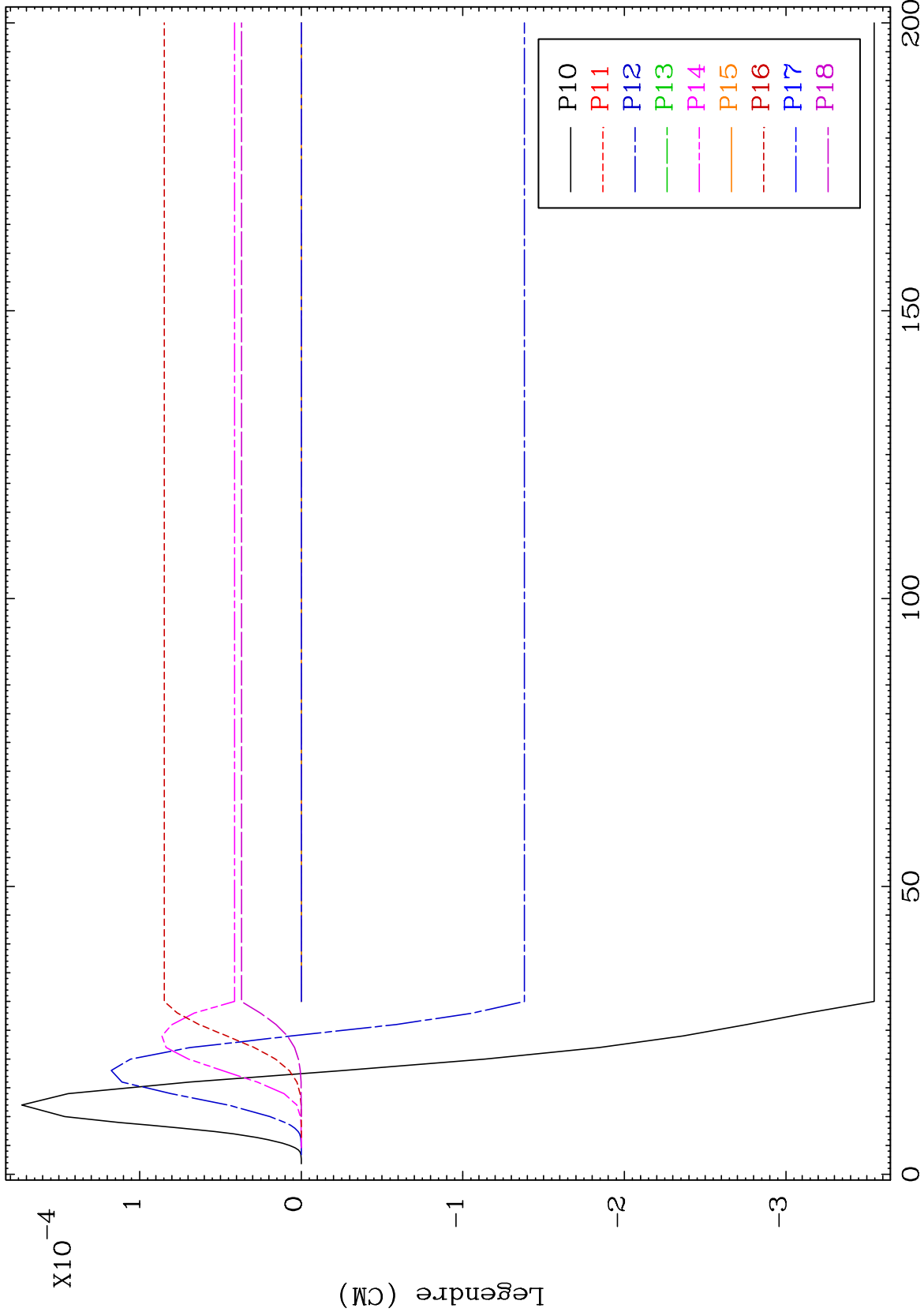




MAT 81116

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

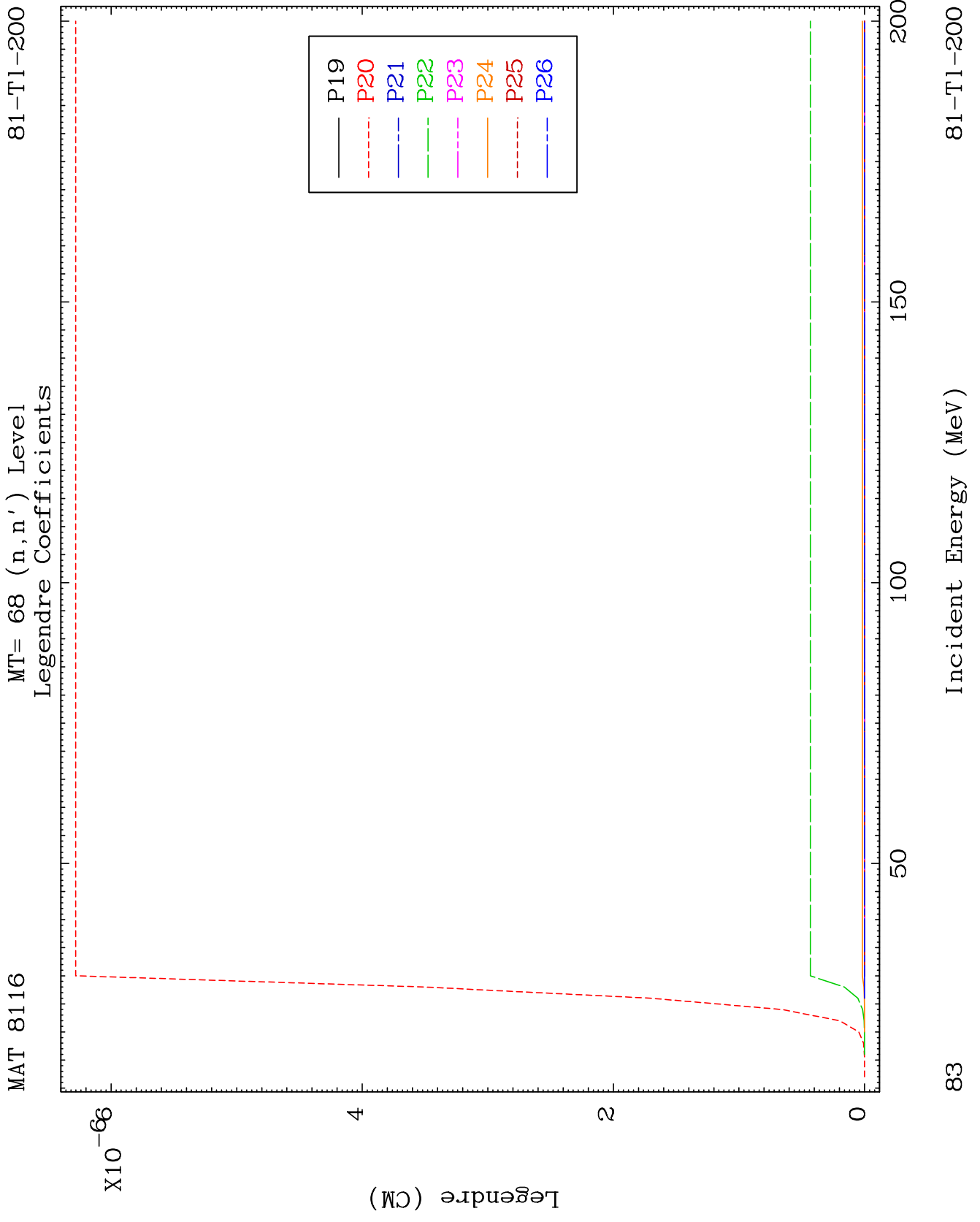
81-Tl-200

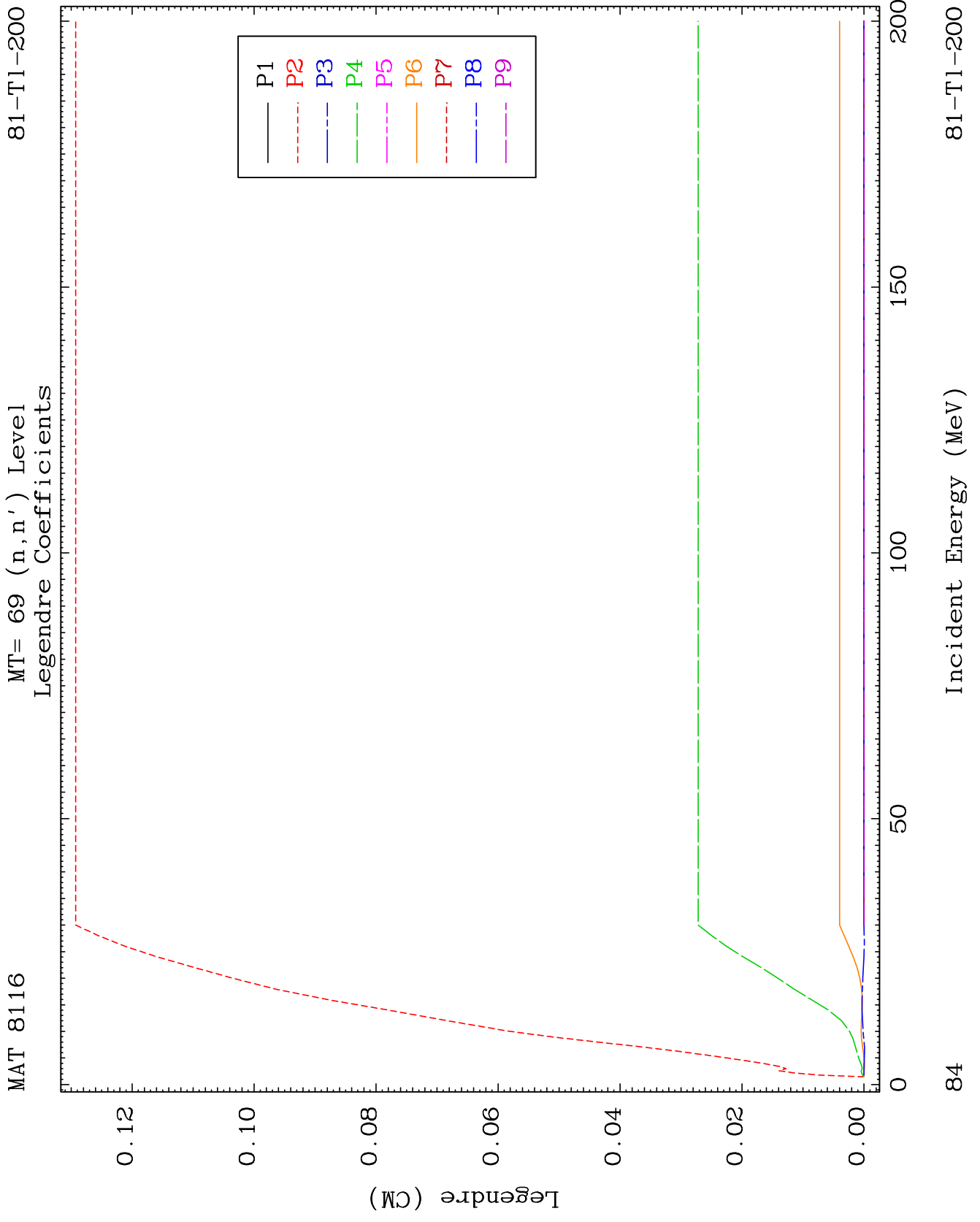


82

Incident Energy (MeV)

81-Tl-200

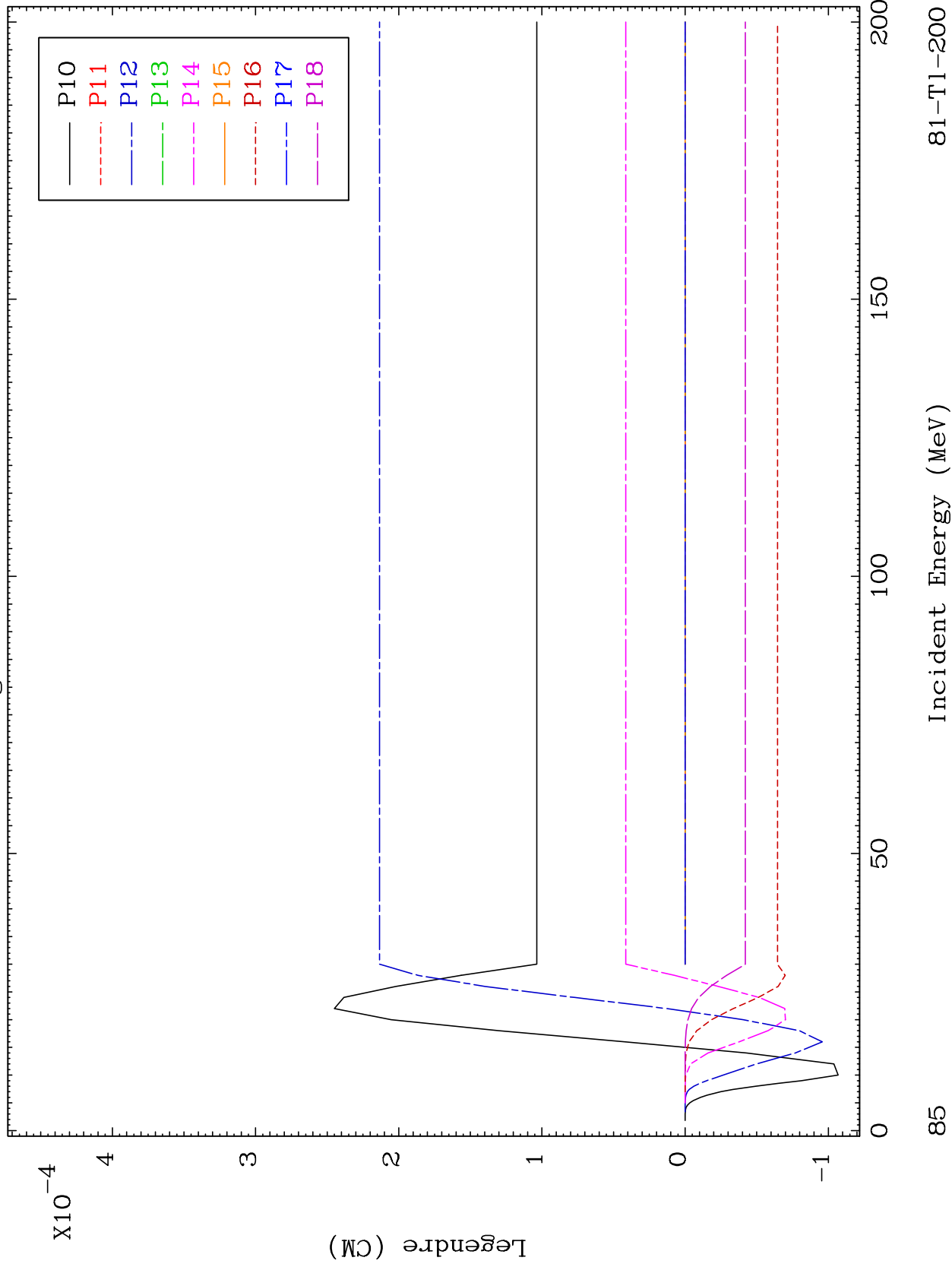




MAT 81116

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

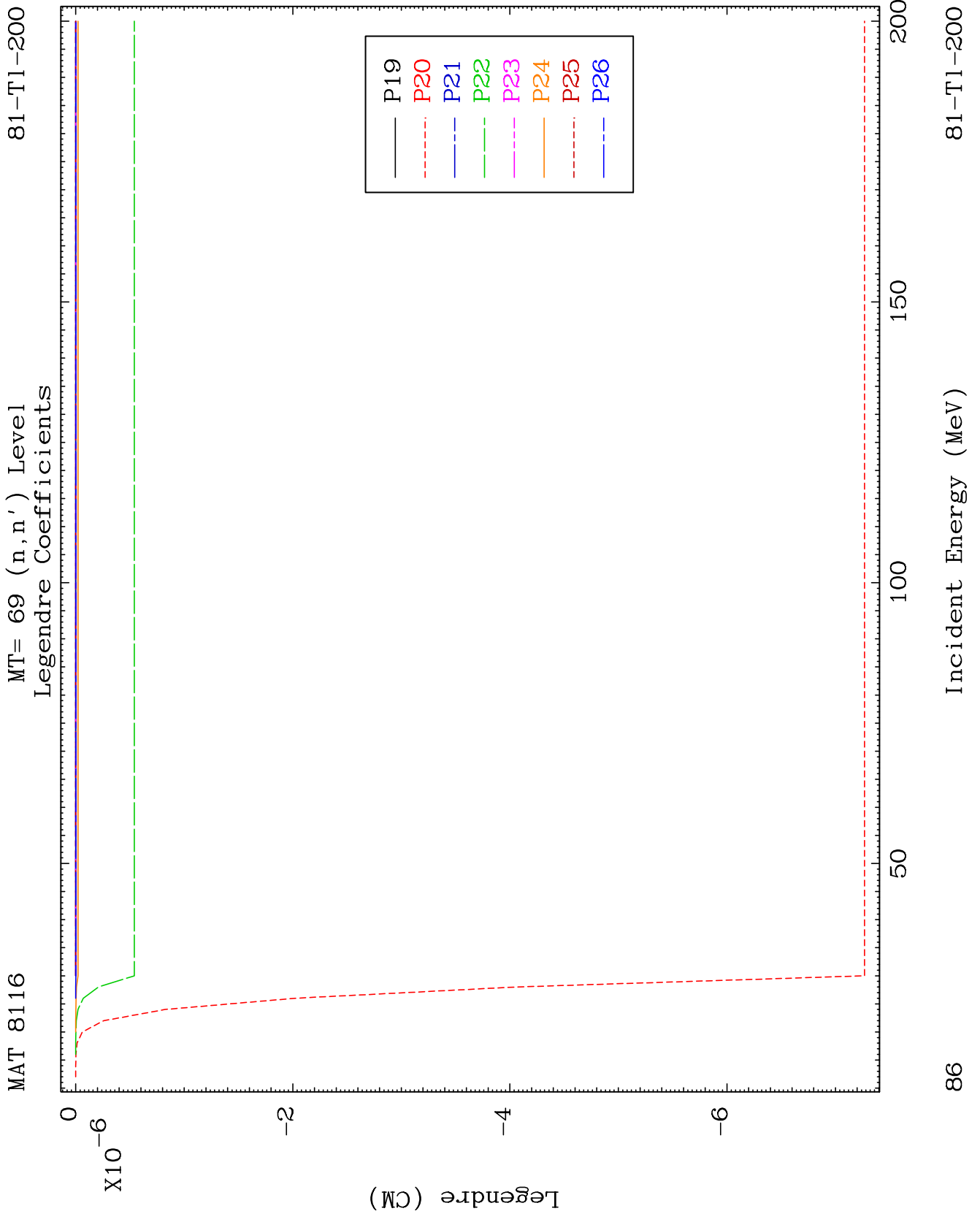
81-T1-200



81-T1-200

Incident Energy (MeV)

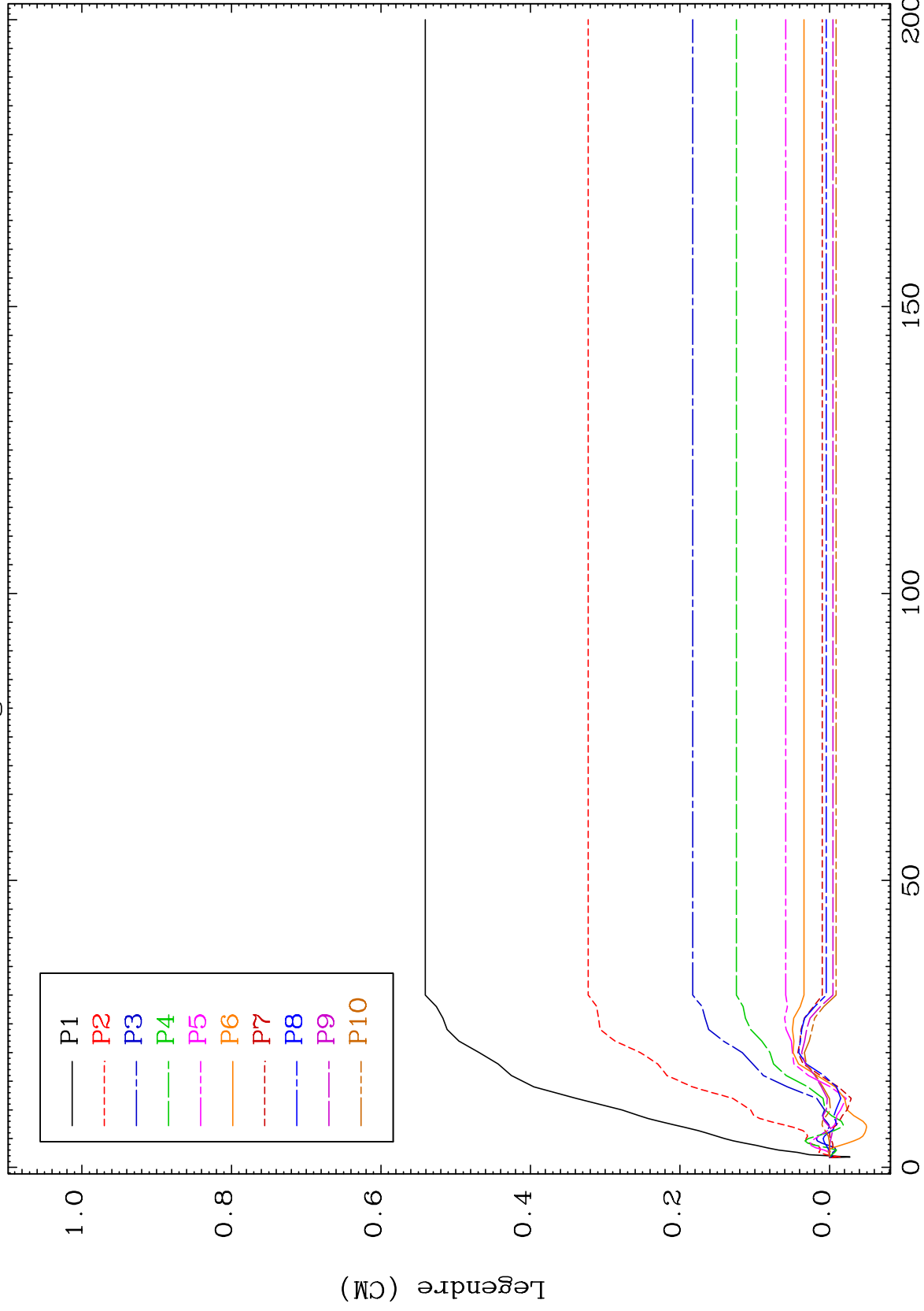
85



MAT 81116

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

81-T1-200



87

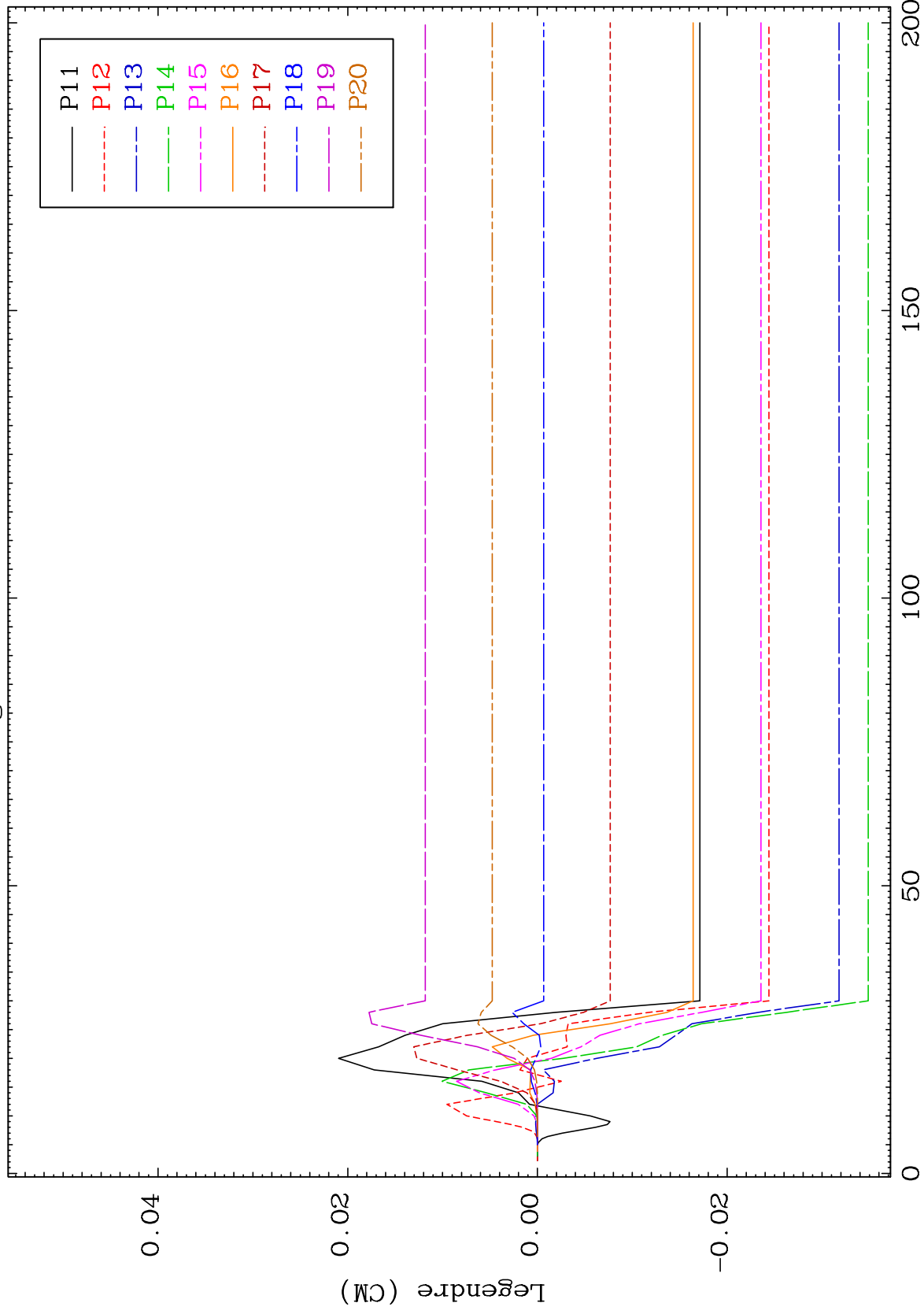
Incident Energy (MeV)

81-T1-200

MAT 81116

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

81-T1-200



88

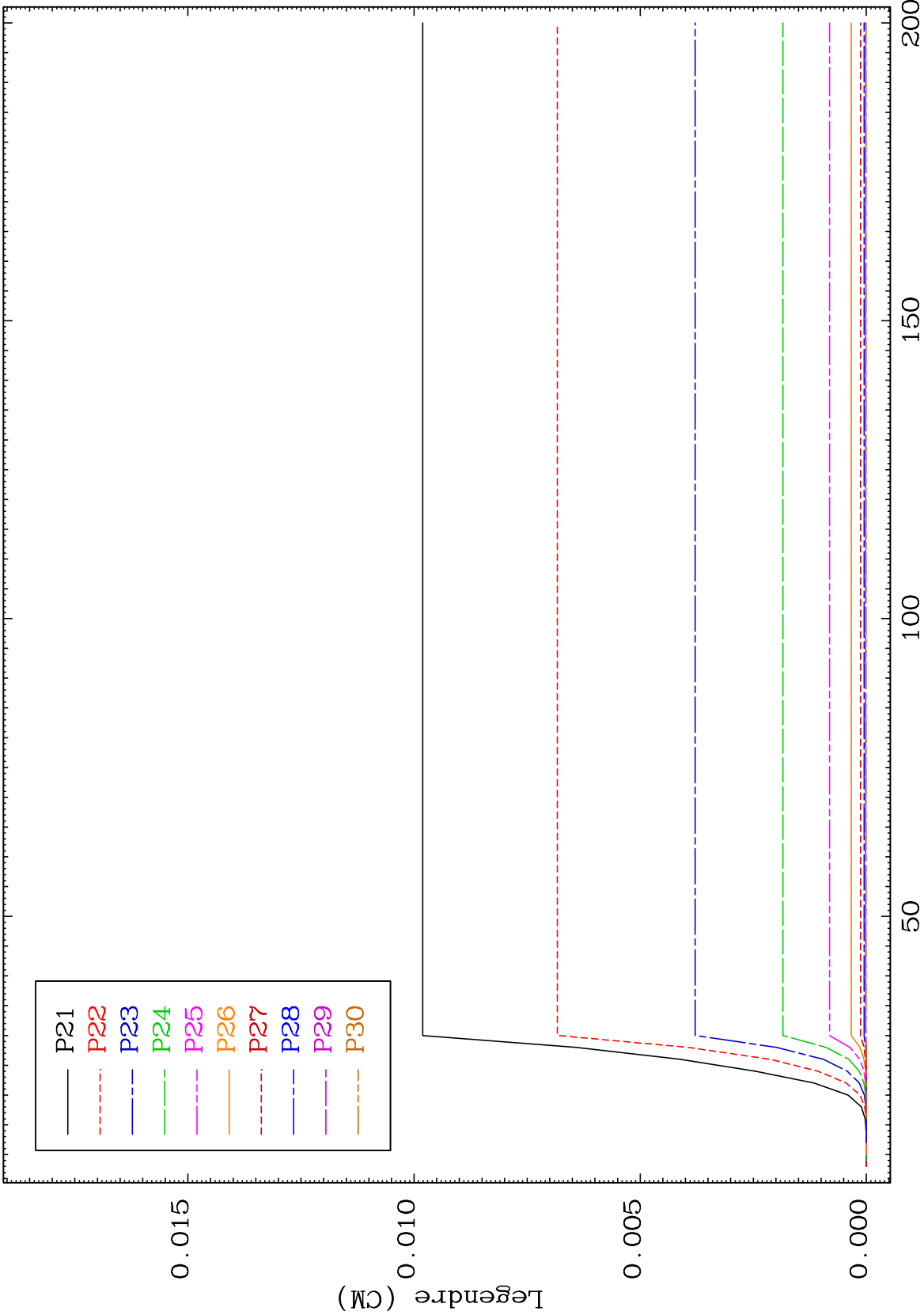
Incident Energy (MeV)

81-T1-200

MAT 81116

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

81-Tl-200



89

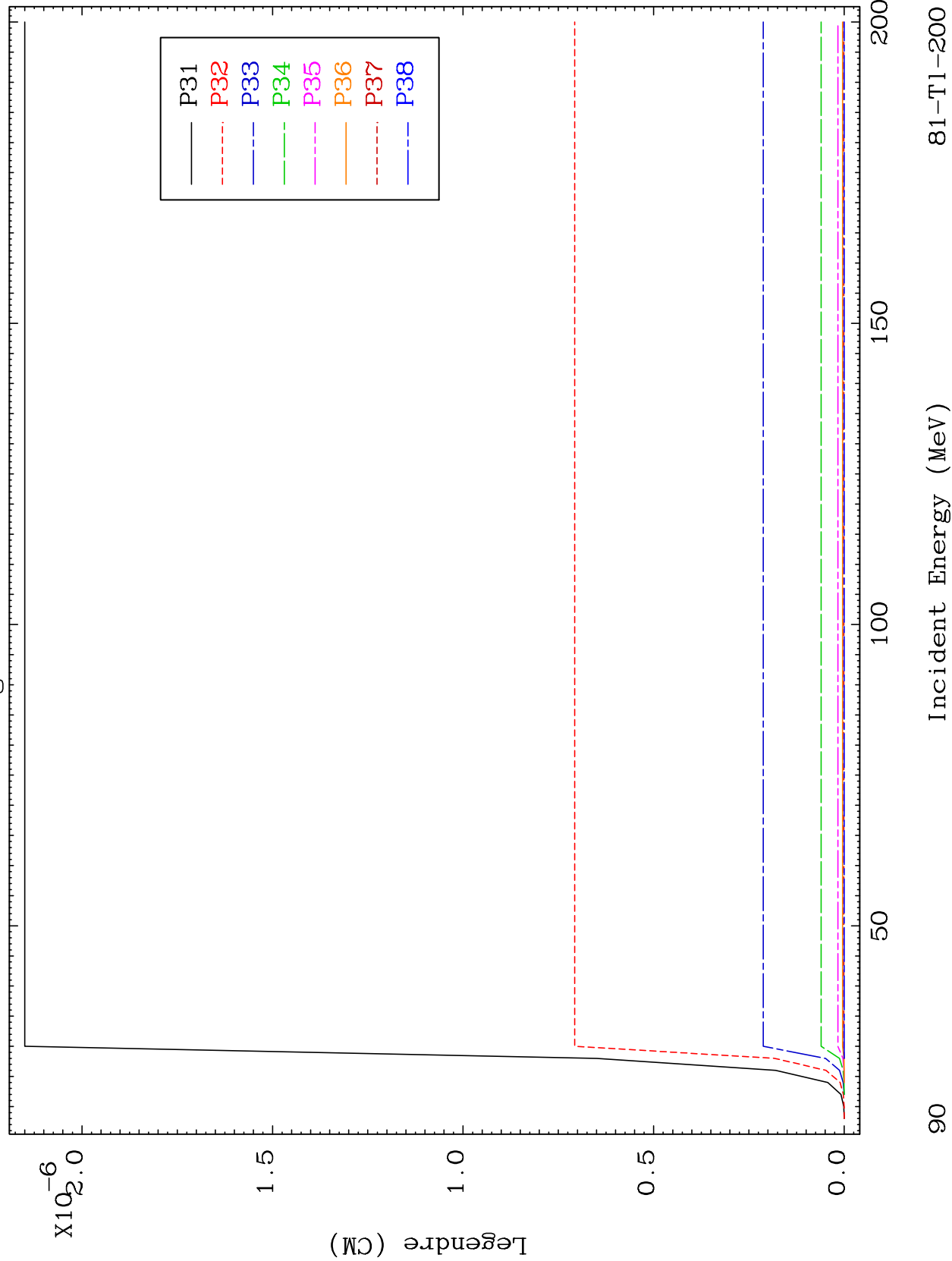
Incident Energy (MeV)

81-Tl-200

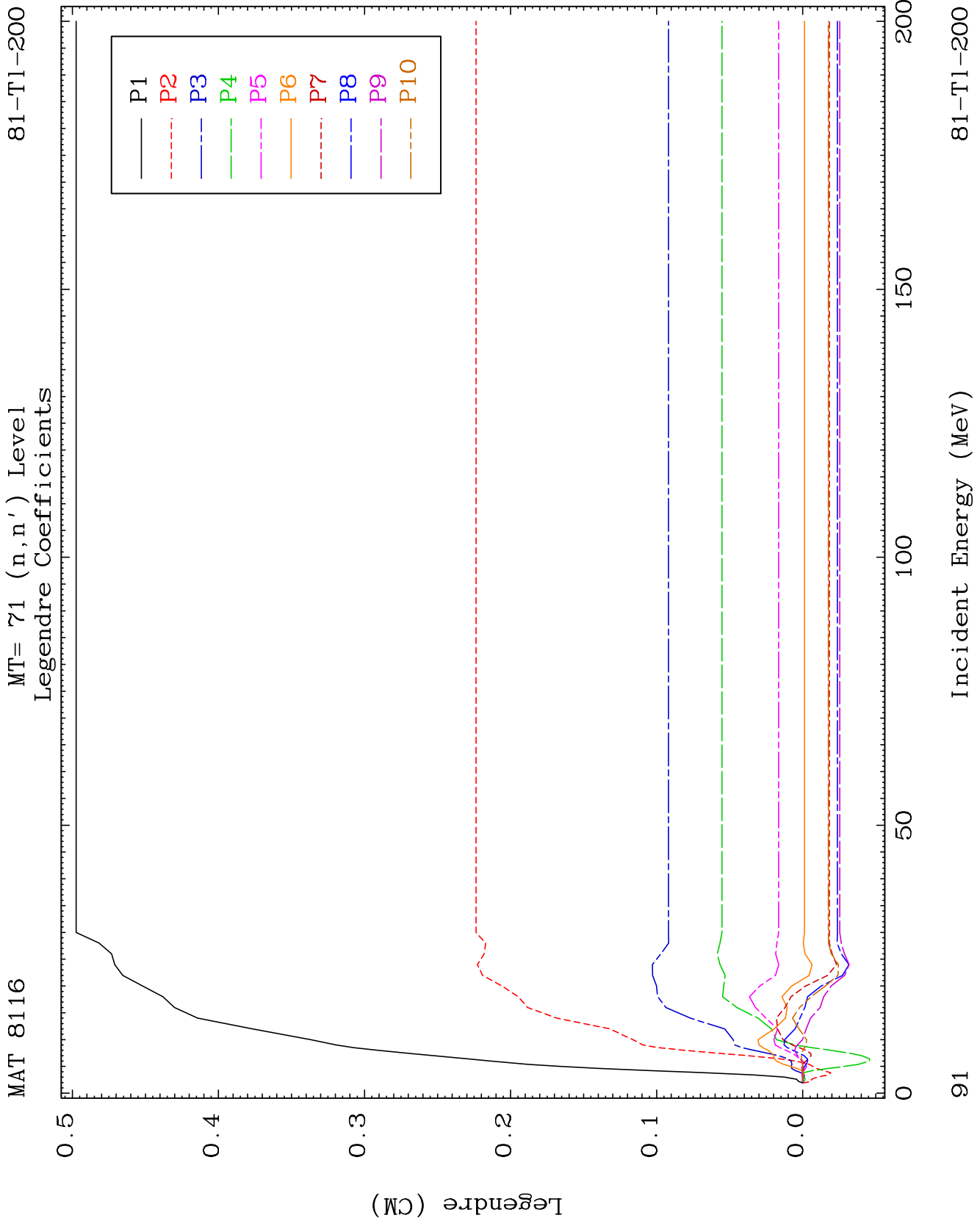
MAT 81116

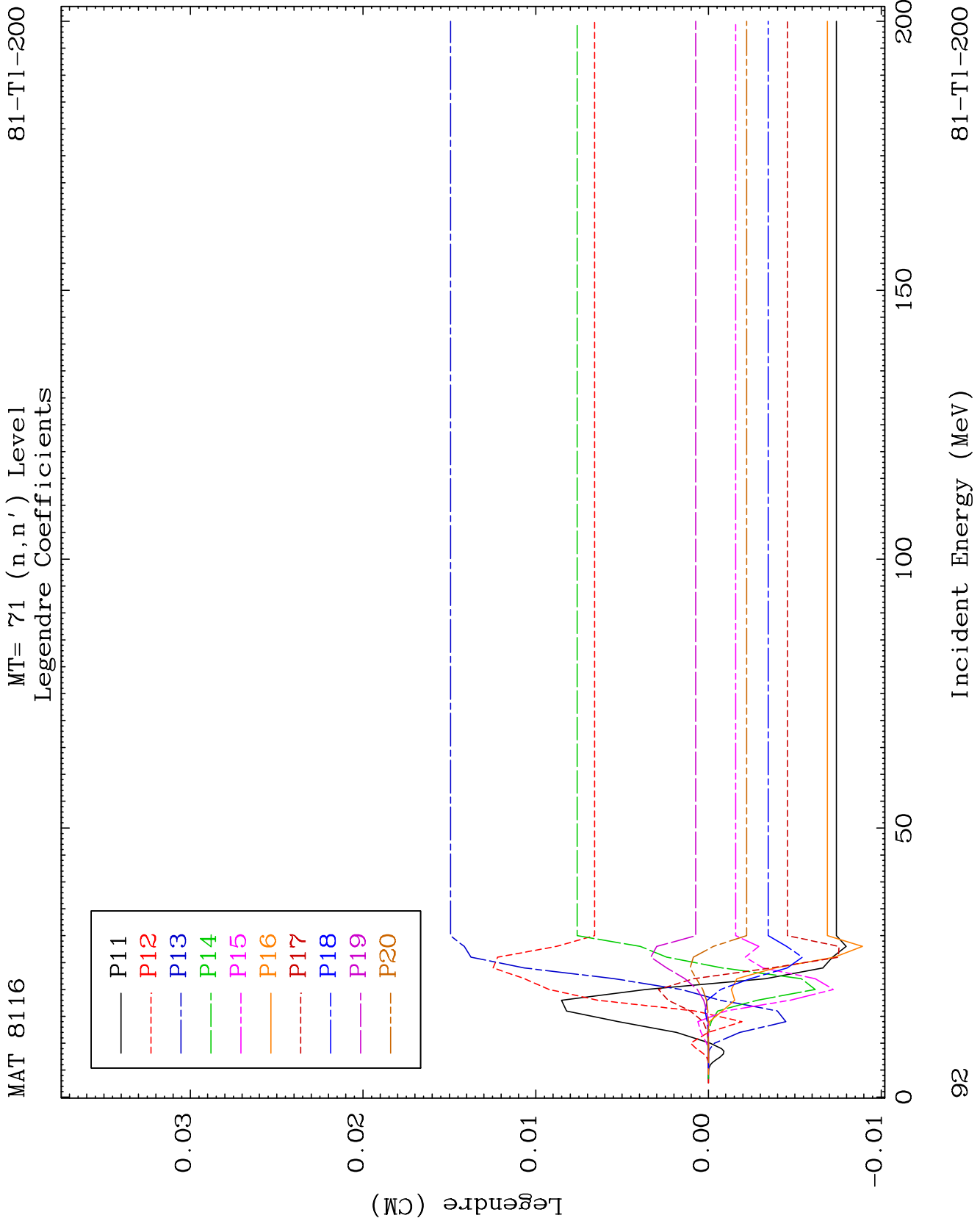
MT= 70 (n,n') Level
Legendre Coefficients

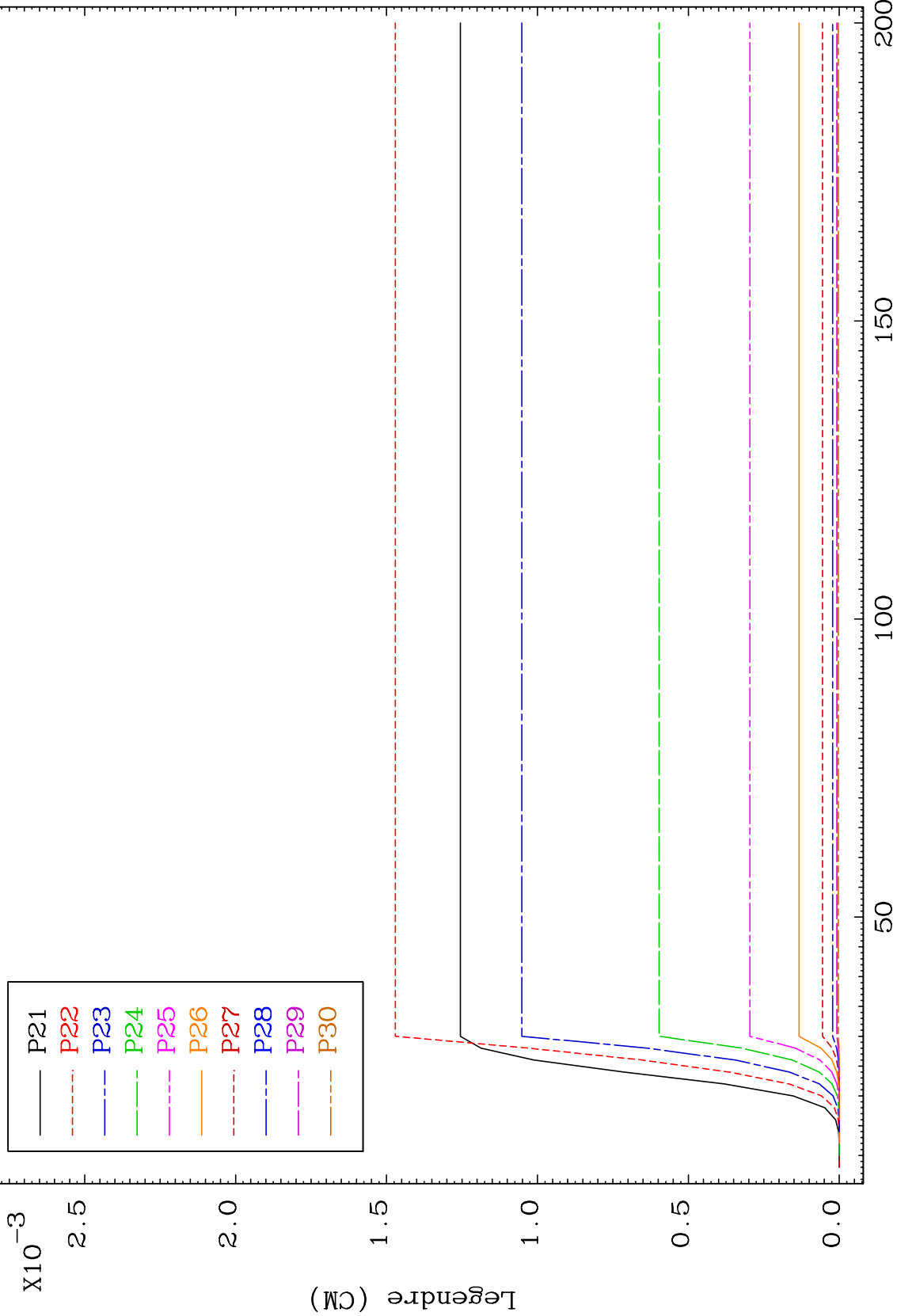
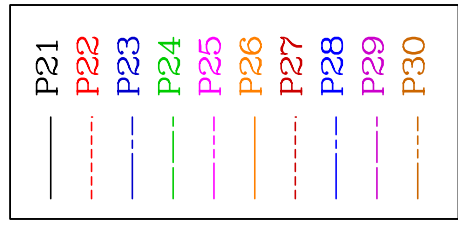
81-T1-200



81-T1-200



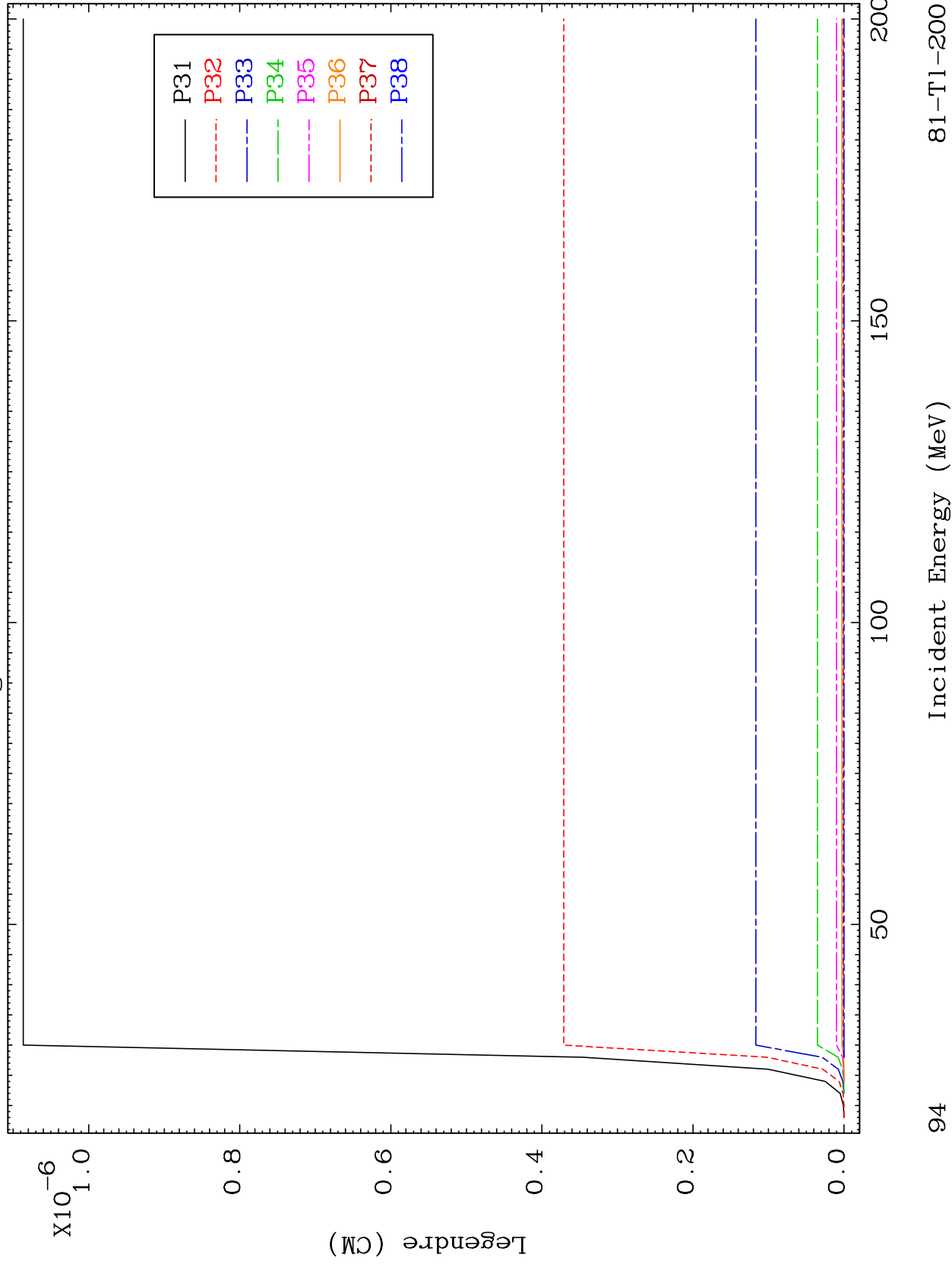




MAT 8116

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

81-T1-200



94

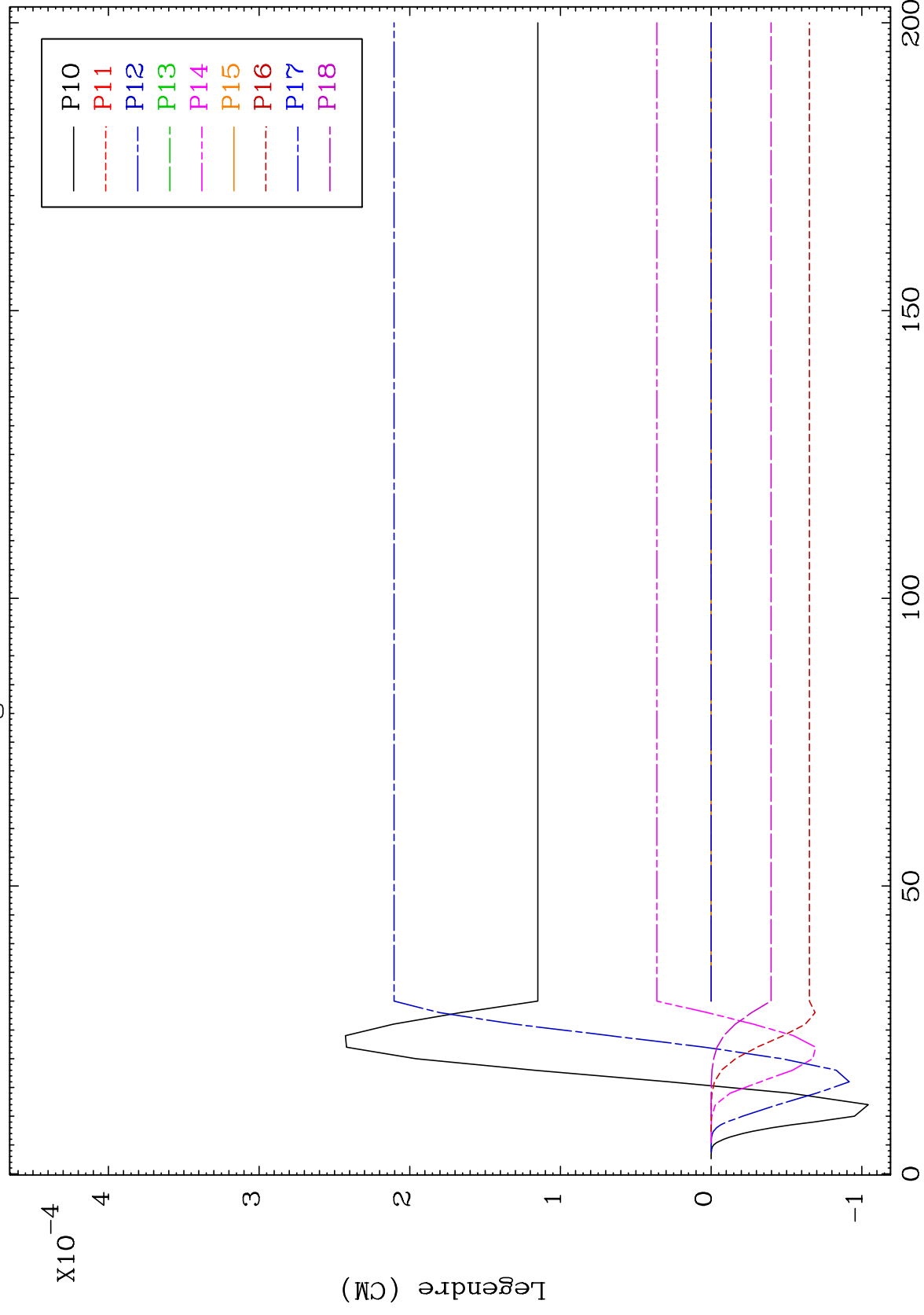
Incident Energy (MeV)

81-T1-200

MAT 81116

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

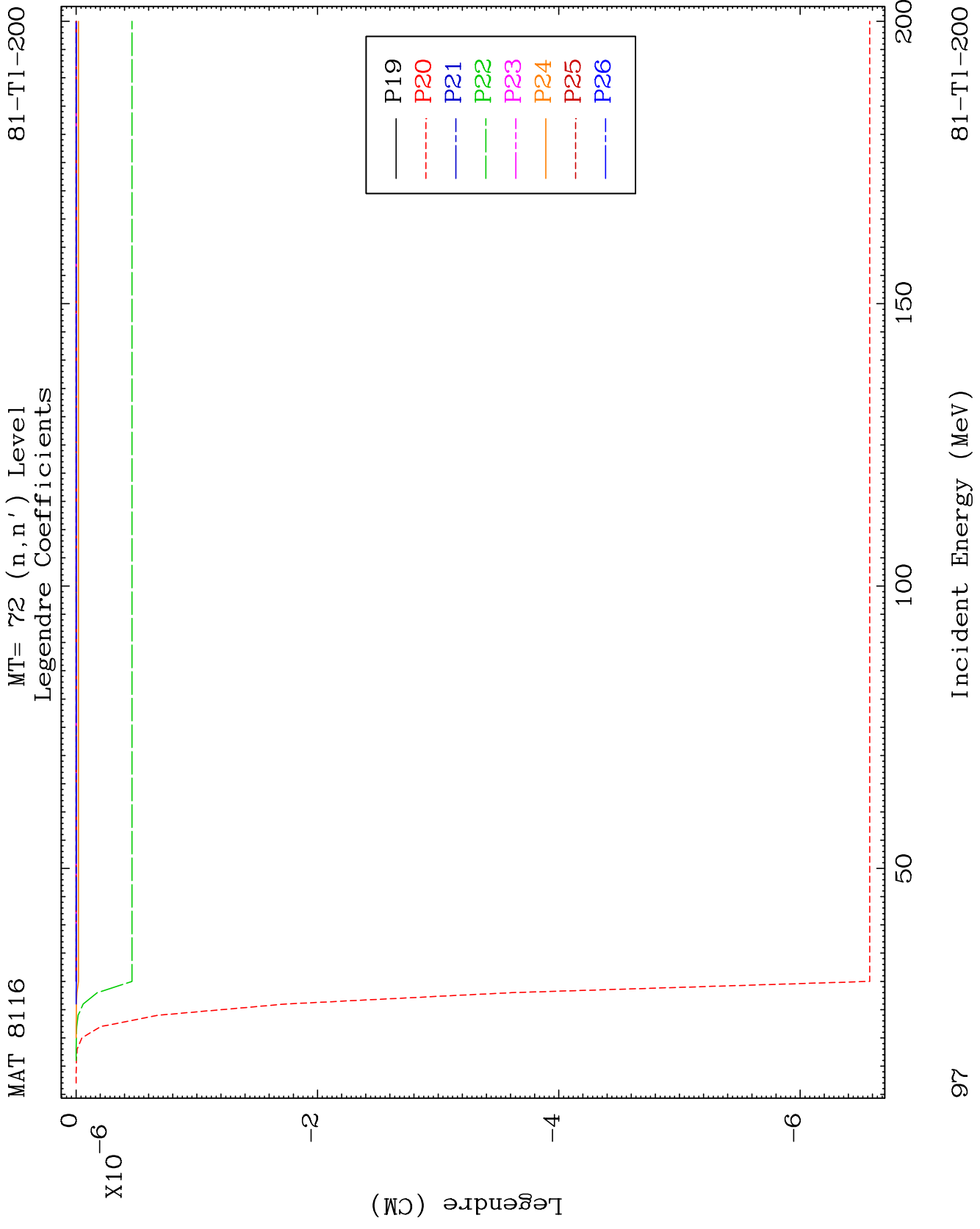
81-T1-200



96

Incident Energy (MeV)

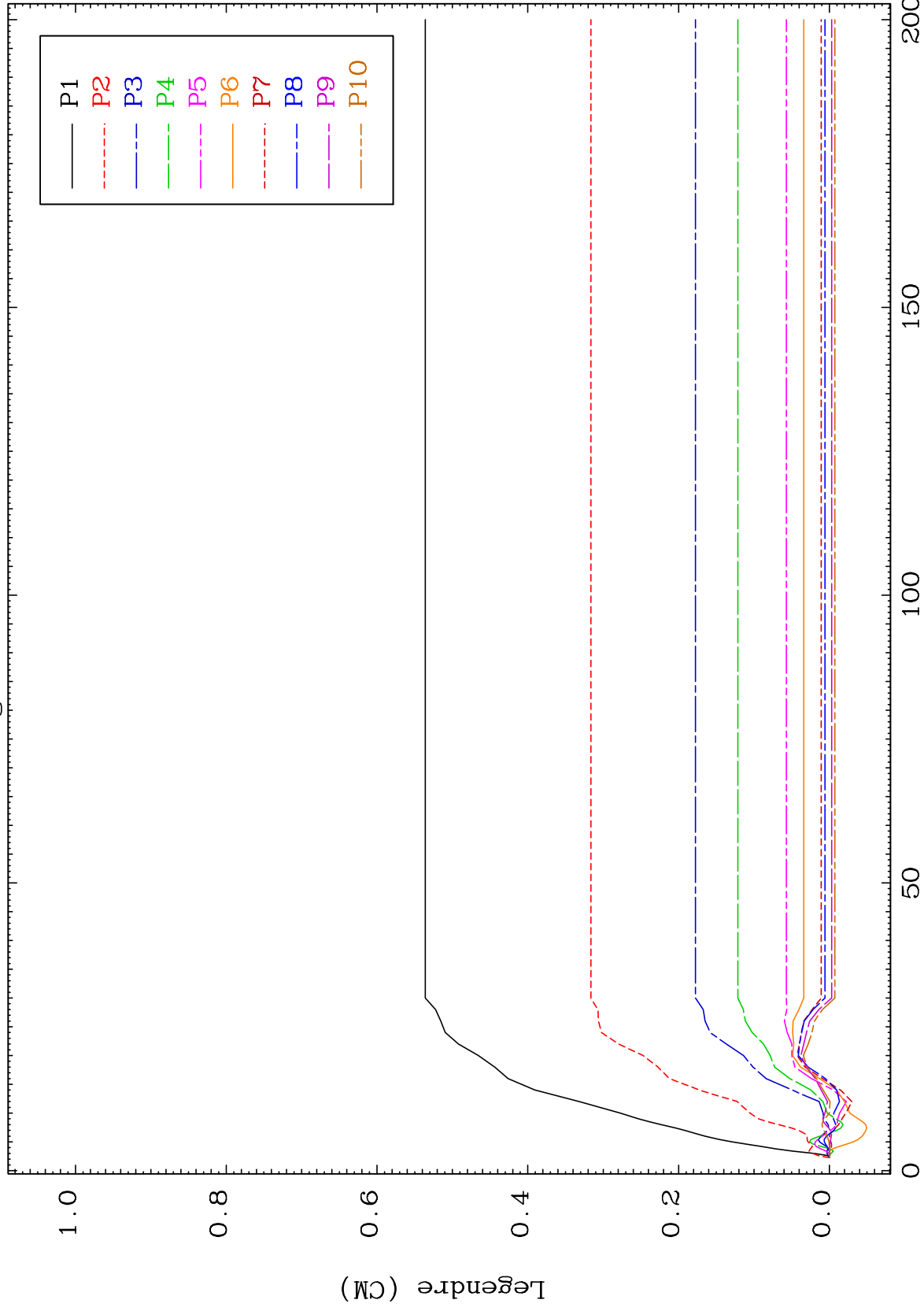
81-T1-200



MAT 81116

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

81-T1-200



98

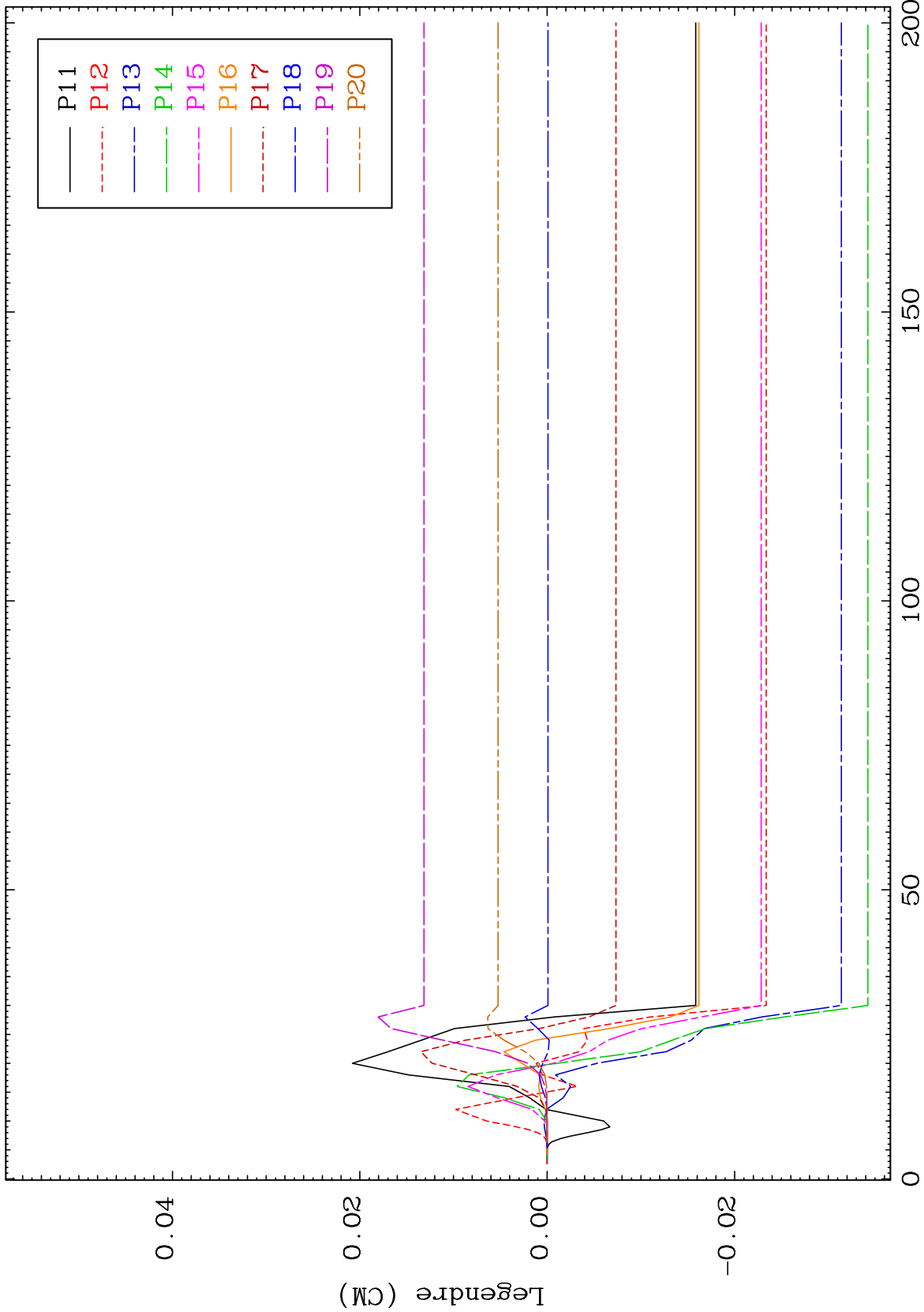
Incident Energy (MeV)

81-T1-200

MAT 81116

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

81-T1-200



99

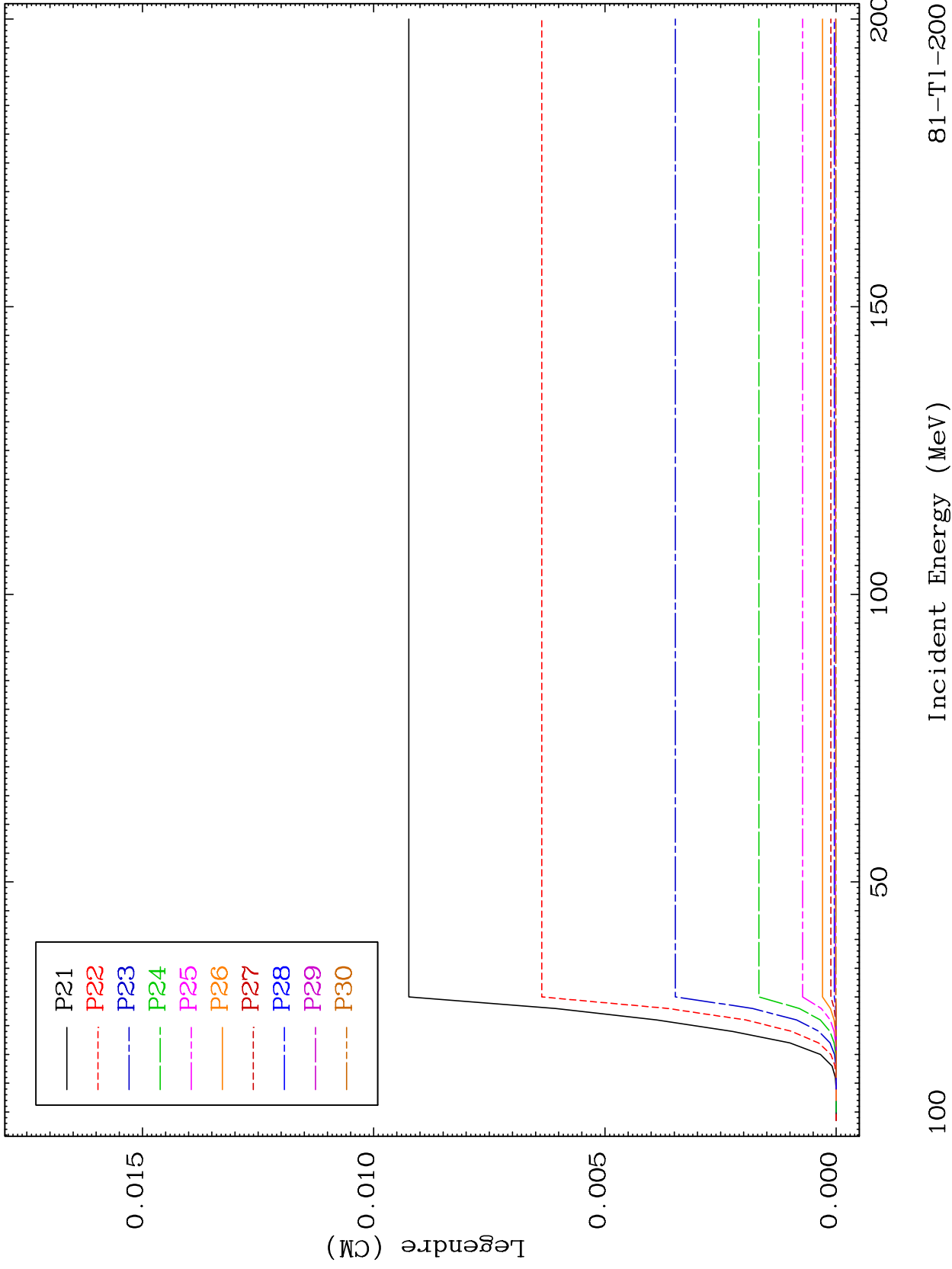
Incident Energy (MeV)

81-T1-200

MAT 81116

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

81-T1-200



100

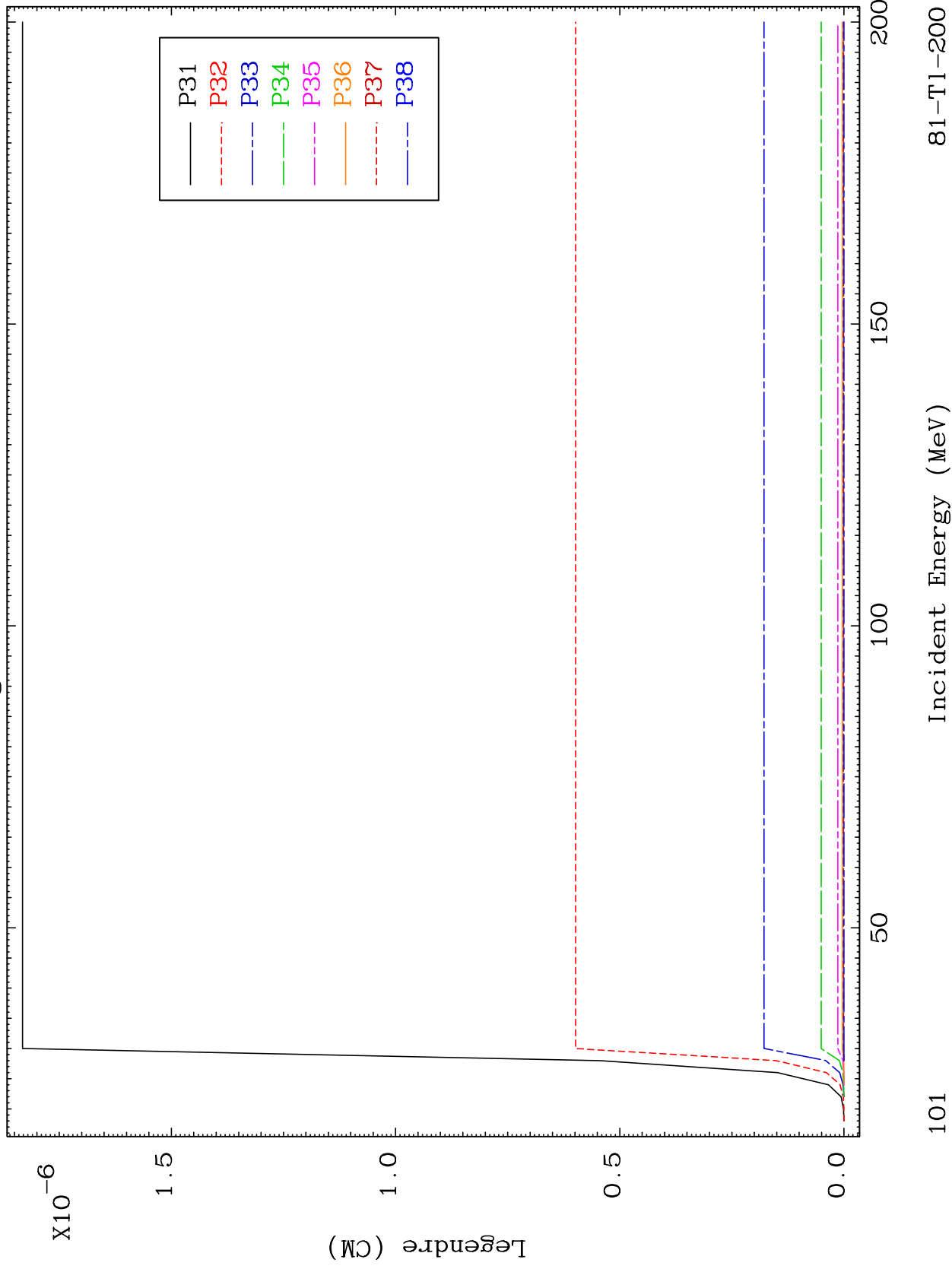
Incident Energy (MeV)

81-T1-200

MAT 81116

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

81-T1-200

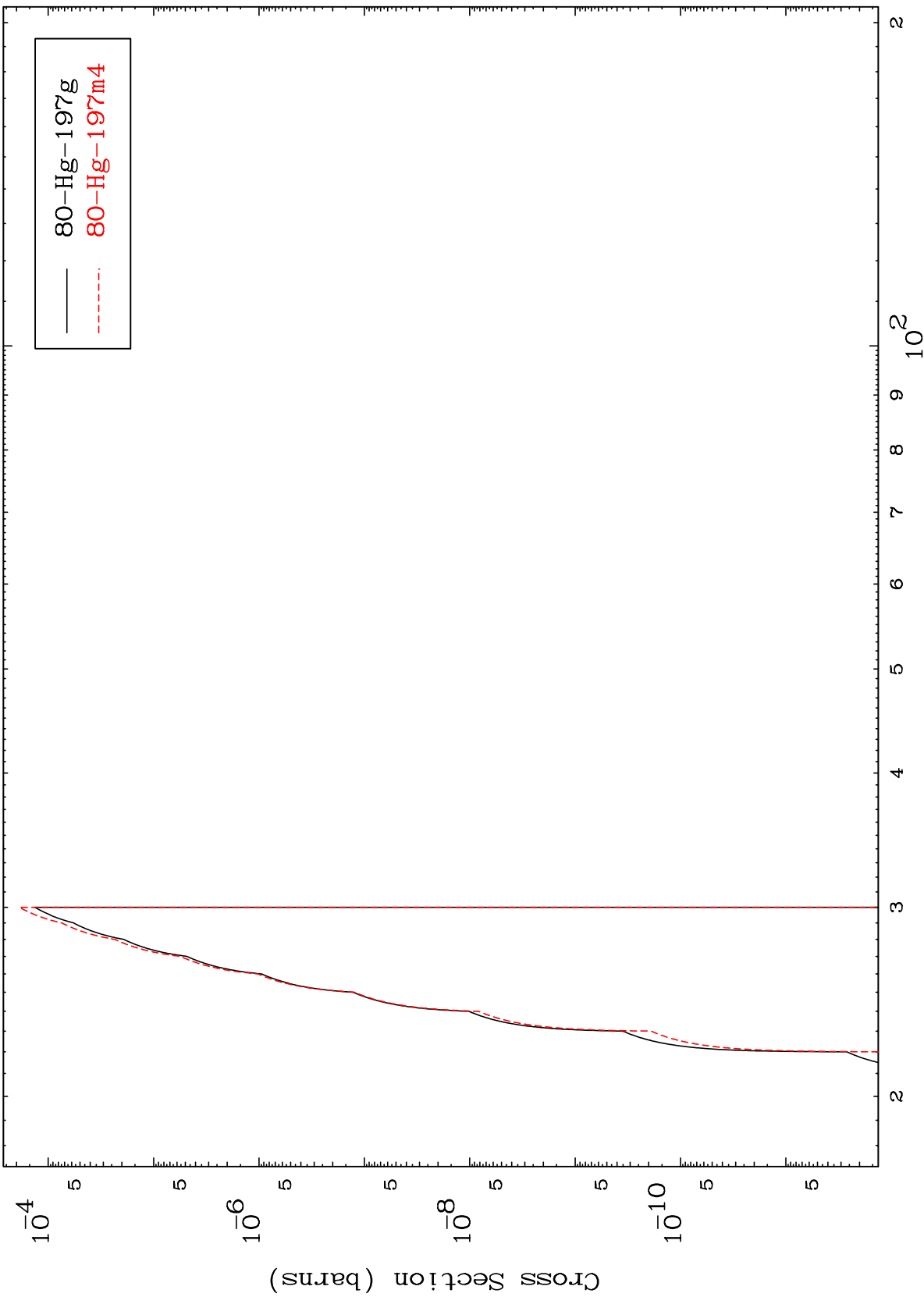


MAT 81116

(n,2n) d

81-Tl-200

Radionuclide Production Cross Section



102

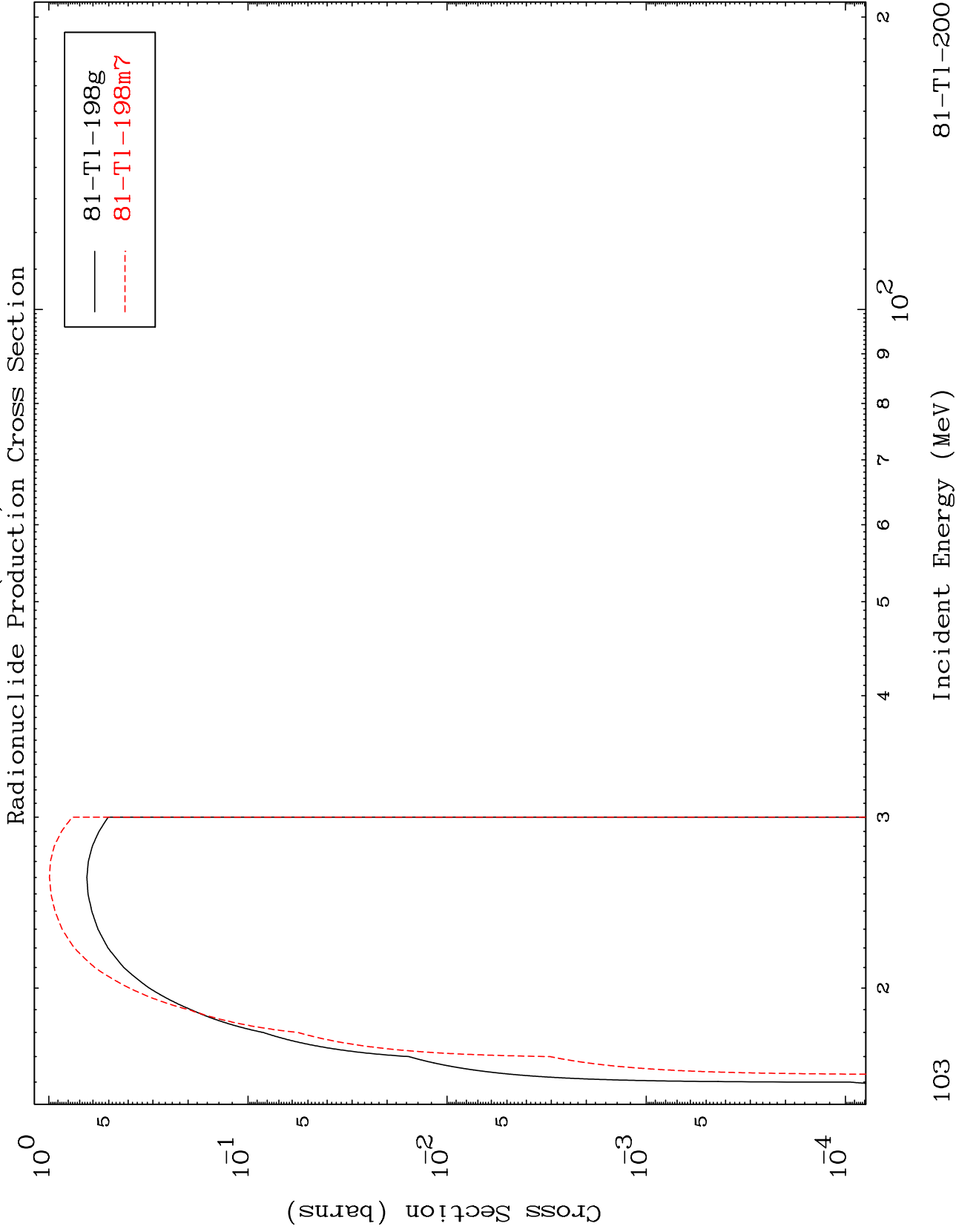
Incident Energy (MeV)

81-Tl-200

MAT 81116

(n,3n)

81-Tl-200



103

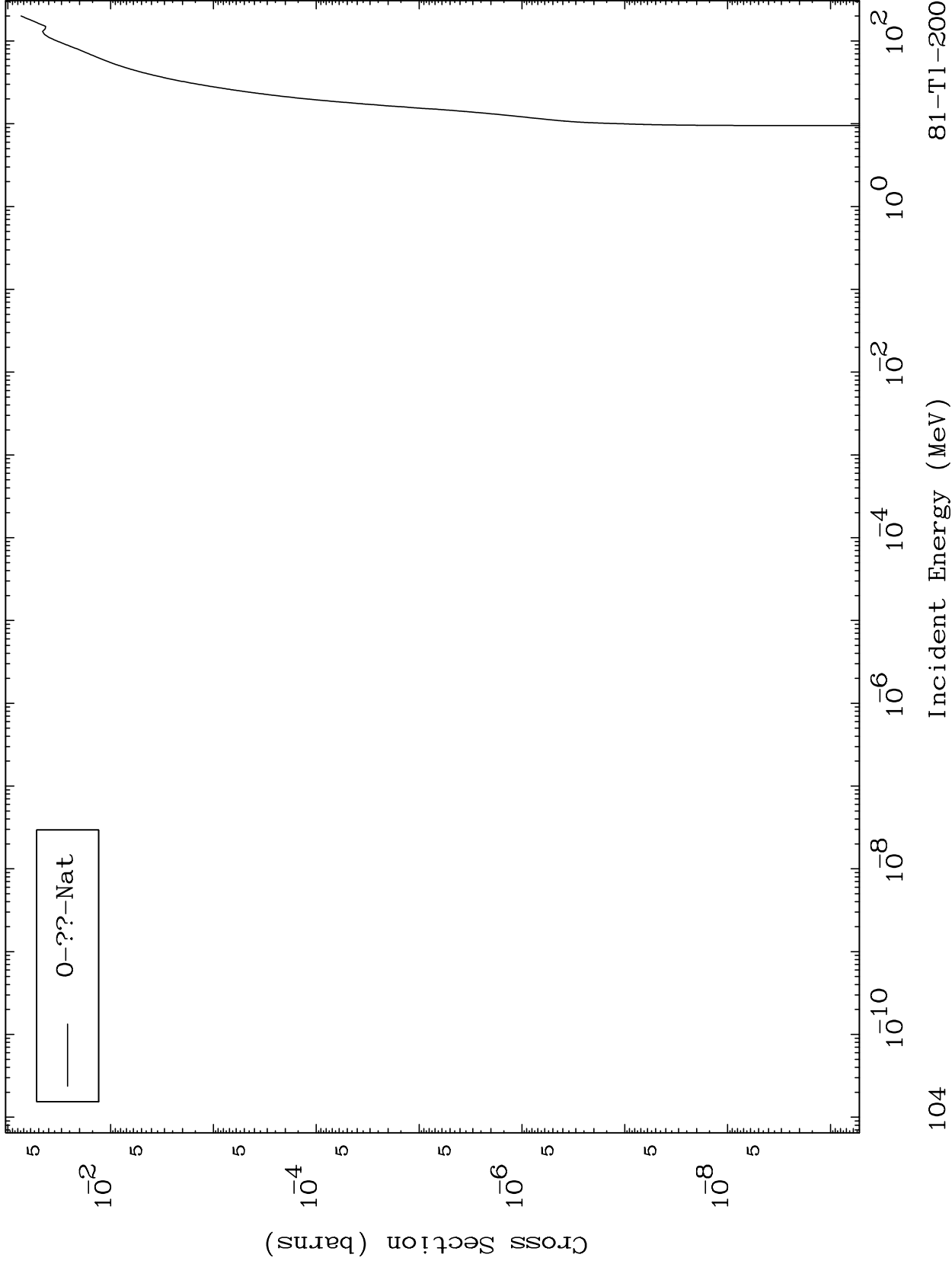
81-Tl-200

MAT 81116

Fission

81-Tl-200

Radionuclide Production Cross Section



104

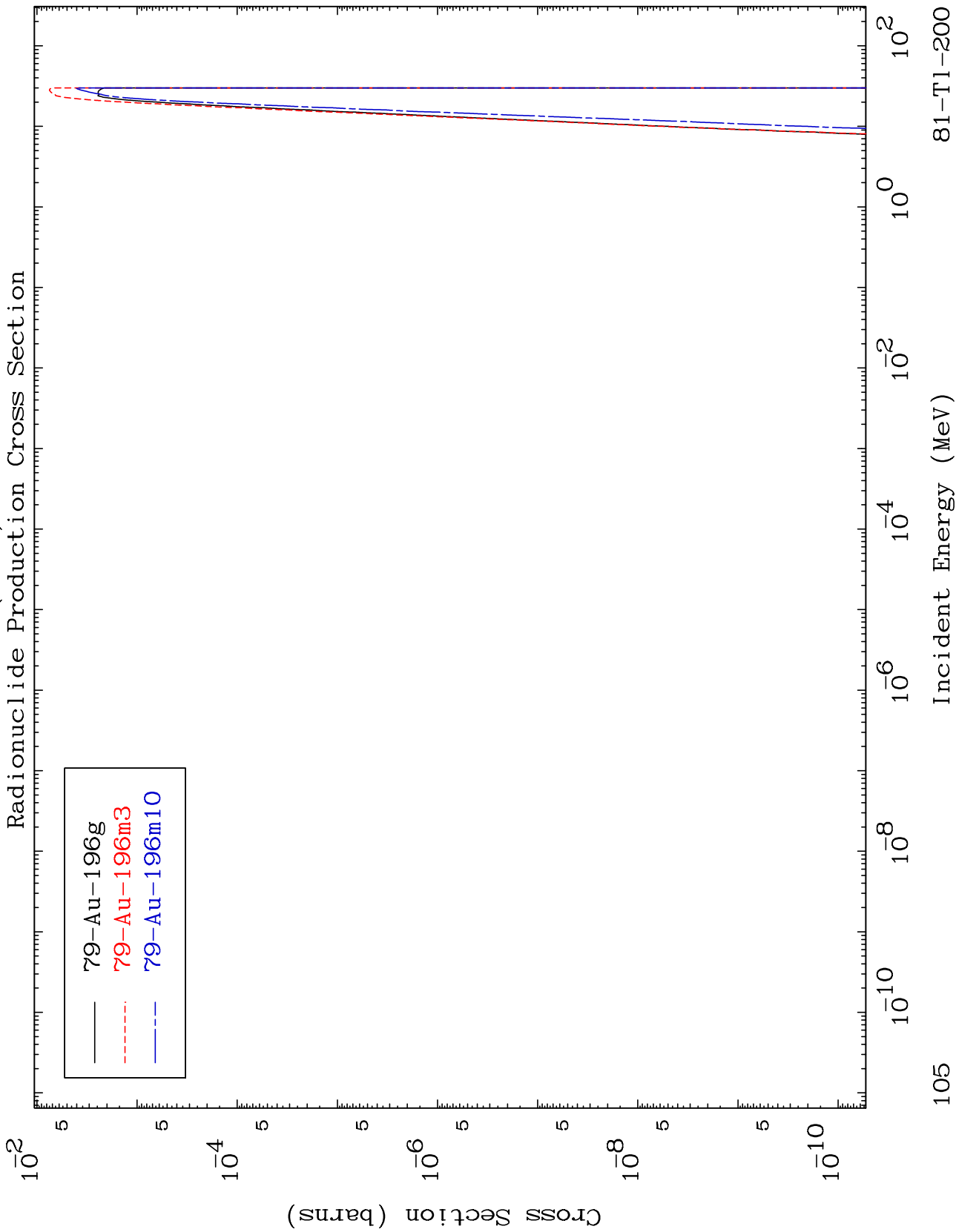
Incident Energy (MeV)

81-Tl-200

MAT 81116

(n,n') α

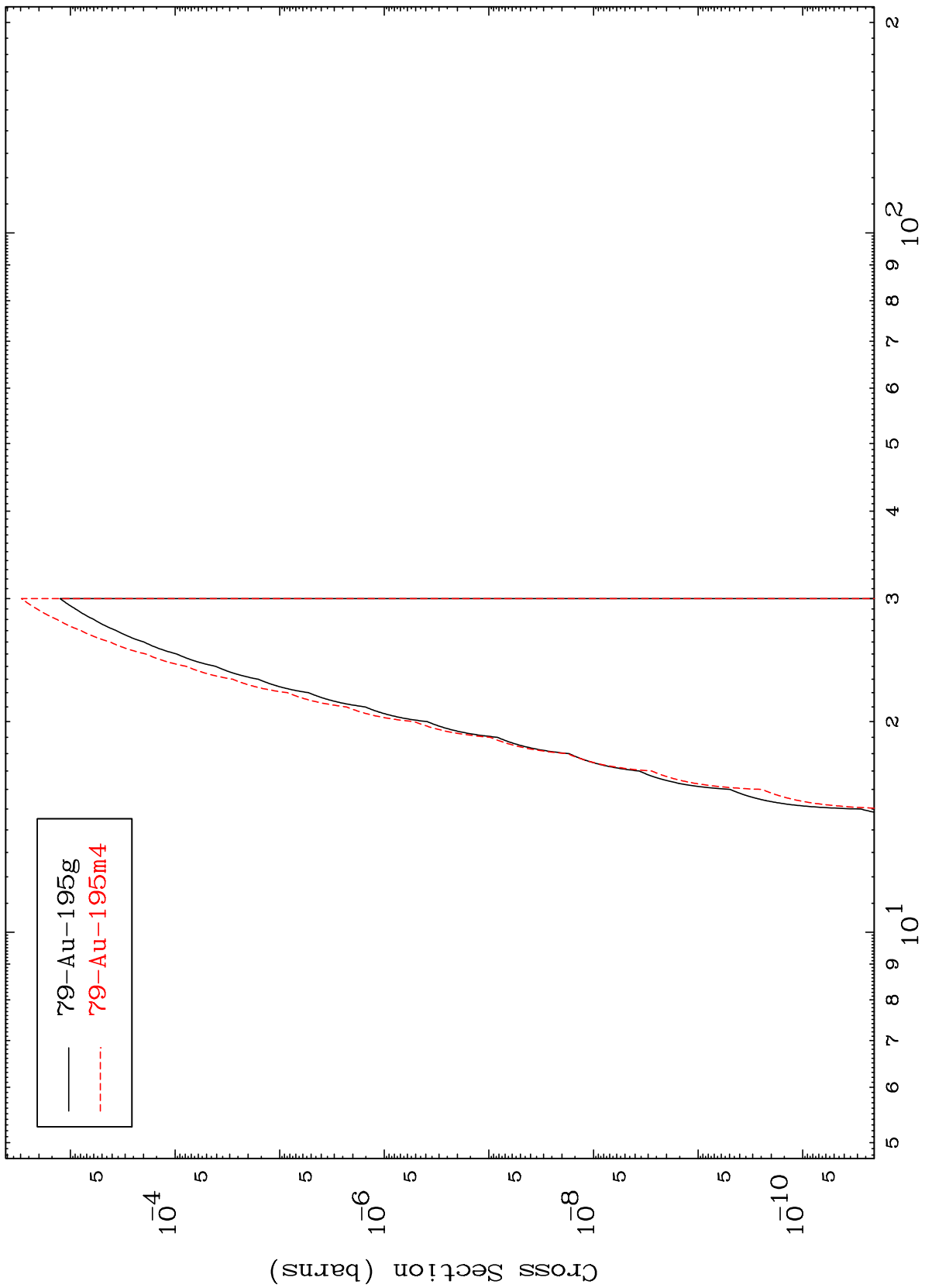
81-Tl-200



MAT 81116

81-Tl-200

(n,2n) α
Radionuclide Production Cross Section



— 79-Au-195g
- - - 79-Au-195m4

106

Incident Energy (MeV)

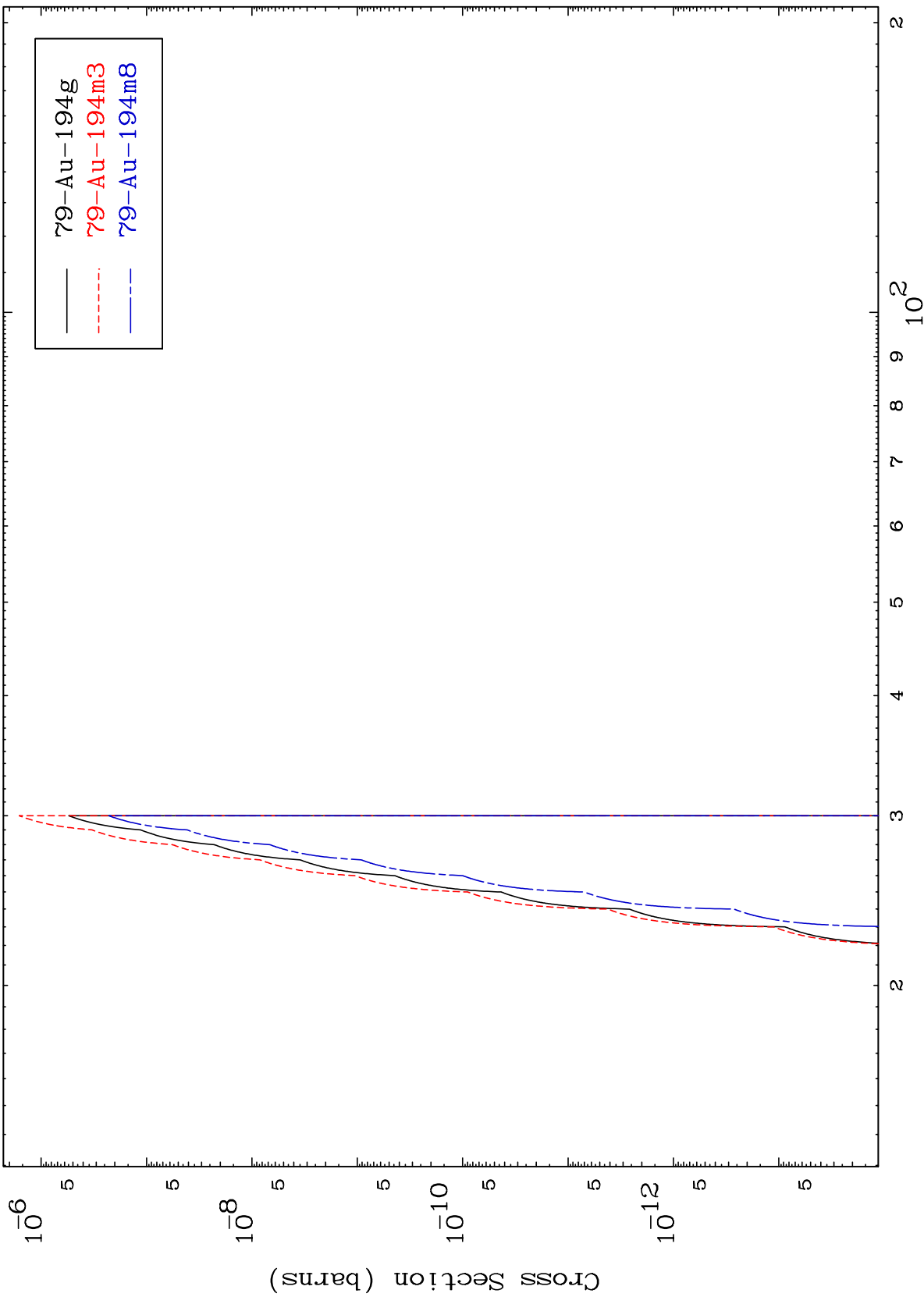
81-Tl-200

MAT 81116

(n,3n) α

81-Tl-200

Radionuclide Production Cross Section



107

Incident Energy (MeV)

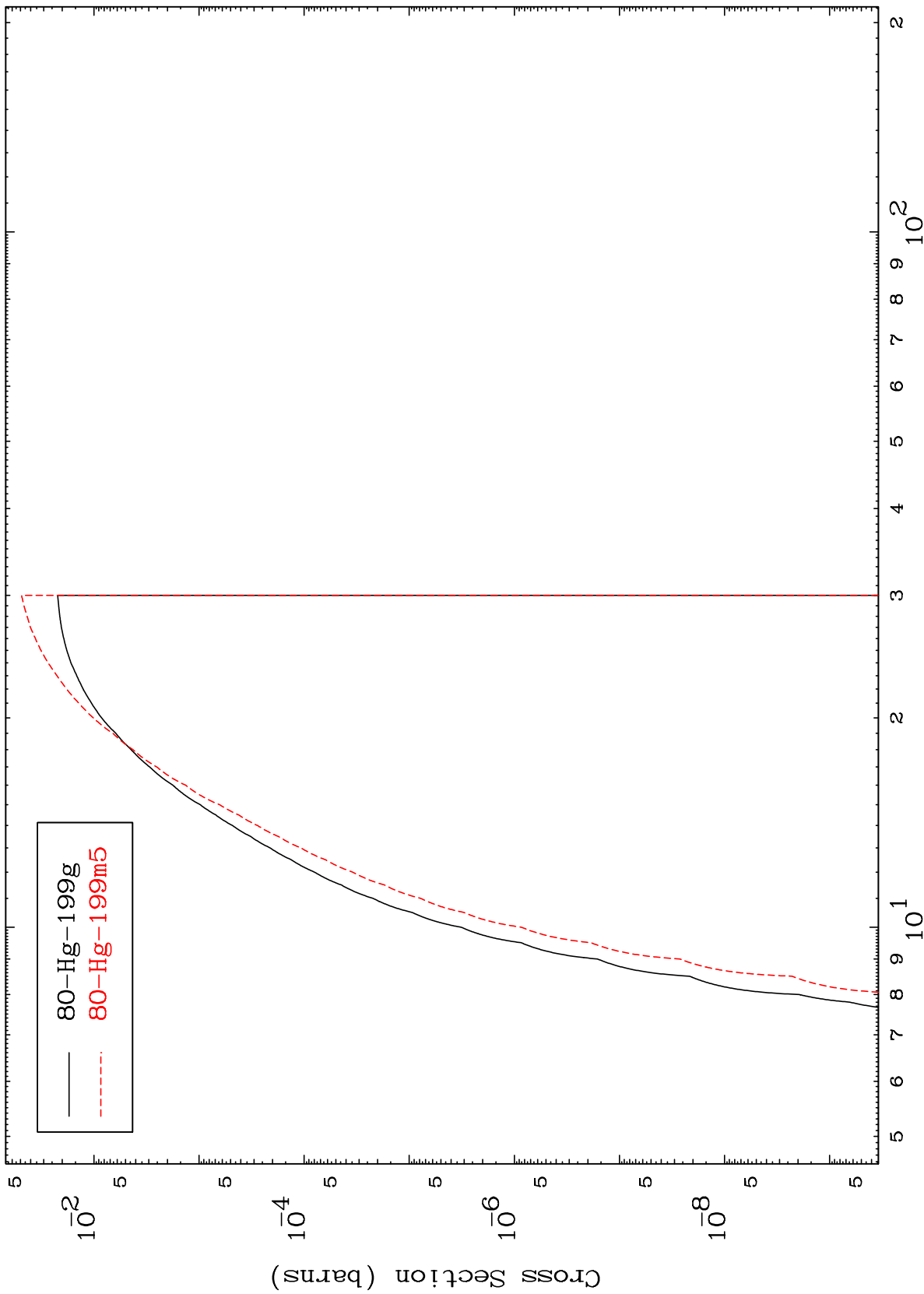
81-Tl-200

MAT 81116

(n,n') p

81-Tl-200

Radionuclide Production Cross Section



108

Incident Energy (MeV)

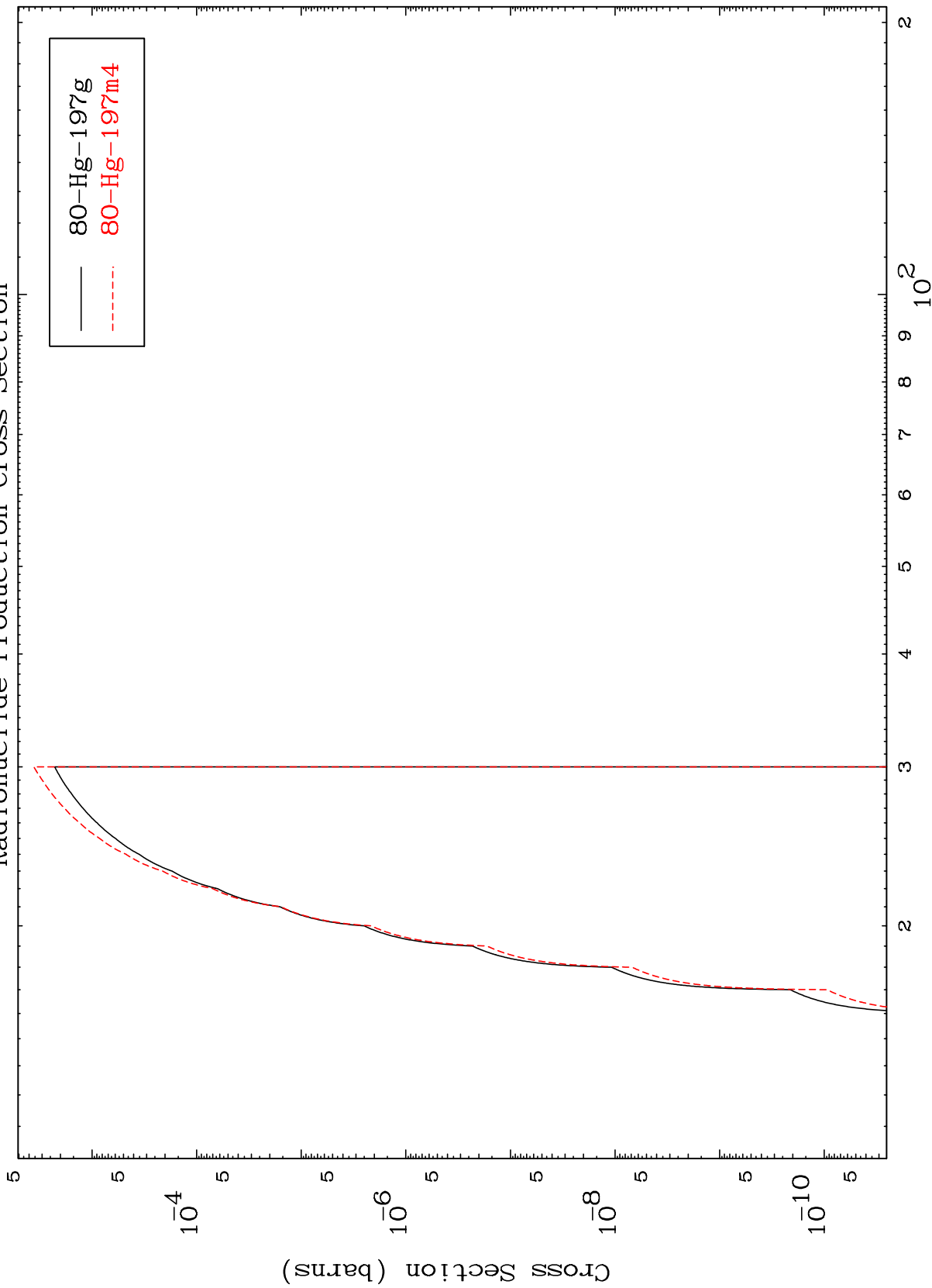
81-Tl-200

MAT 81116

(n,n') t

81-Tl-200

Radionuclide Production Cross Section



109

Incident Energy (MeV)

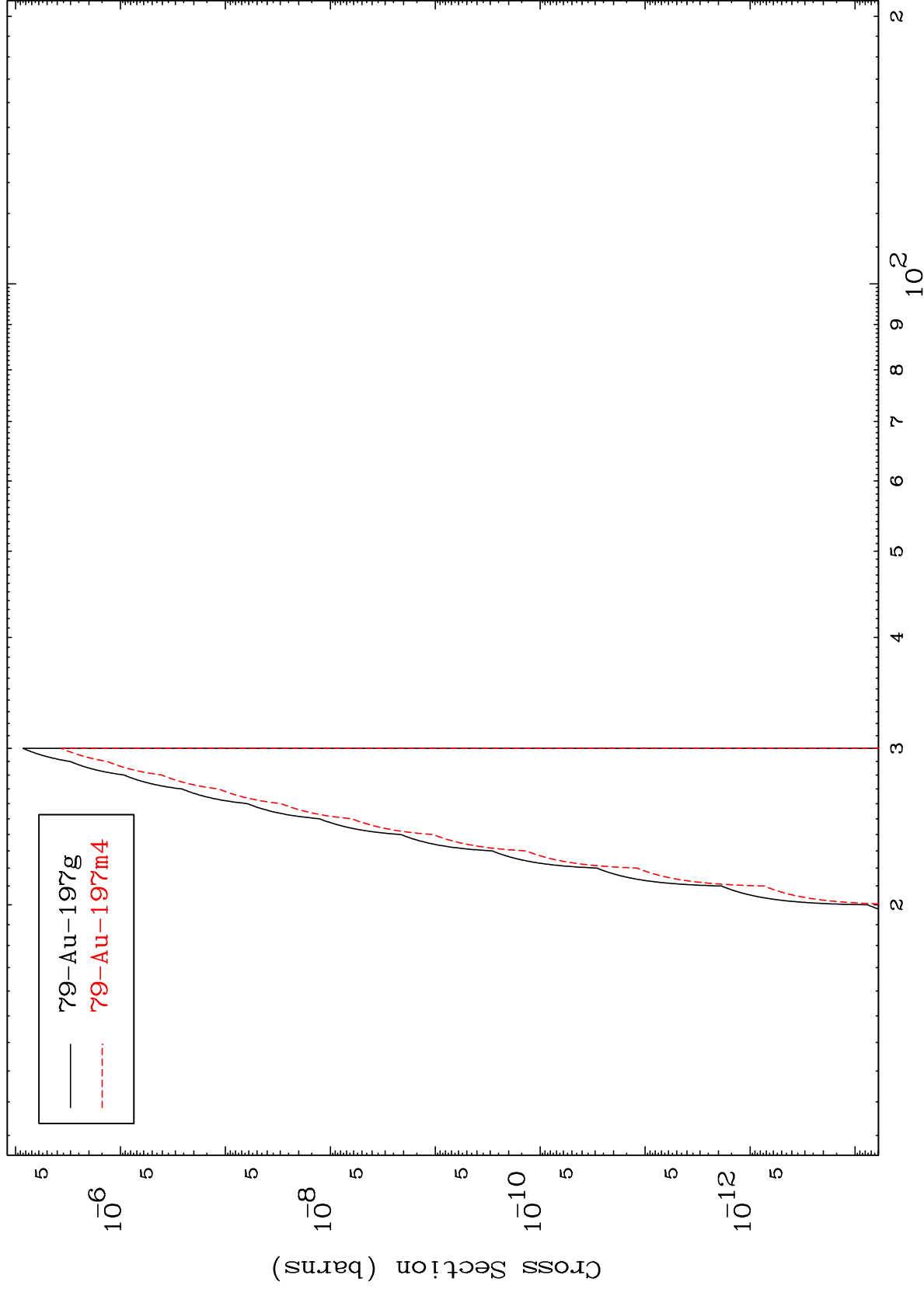
81-Tl-200

MAT 81116

(n,n') He-3

81-Tl-200

Radionuclide Production Cross Section



110

Incident Energy (MeV)

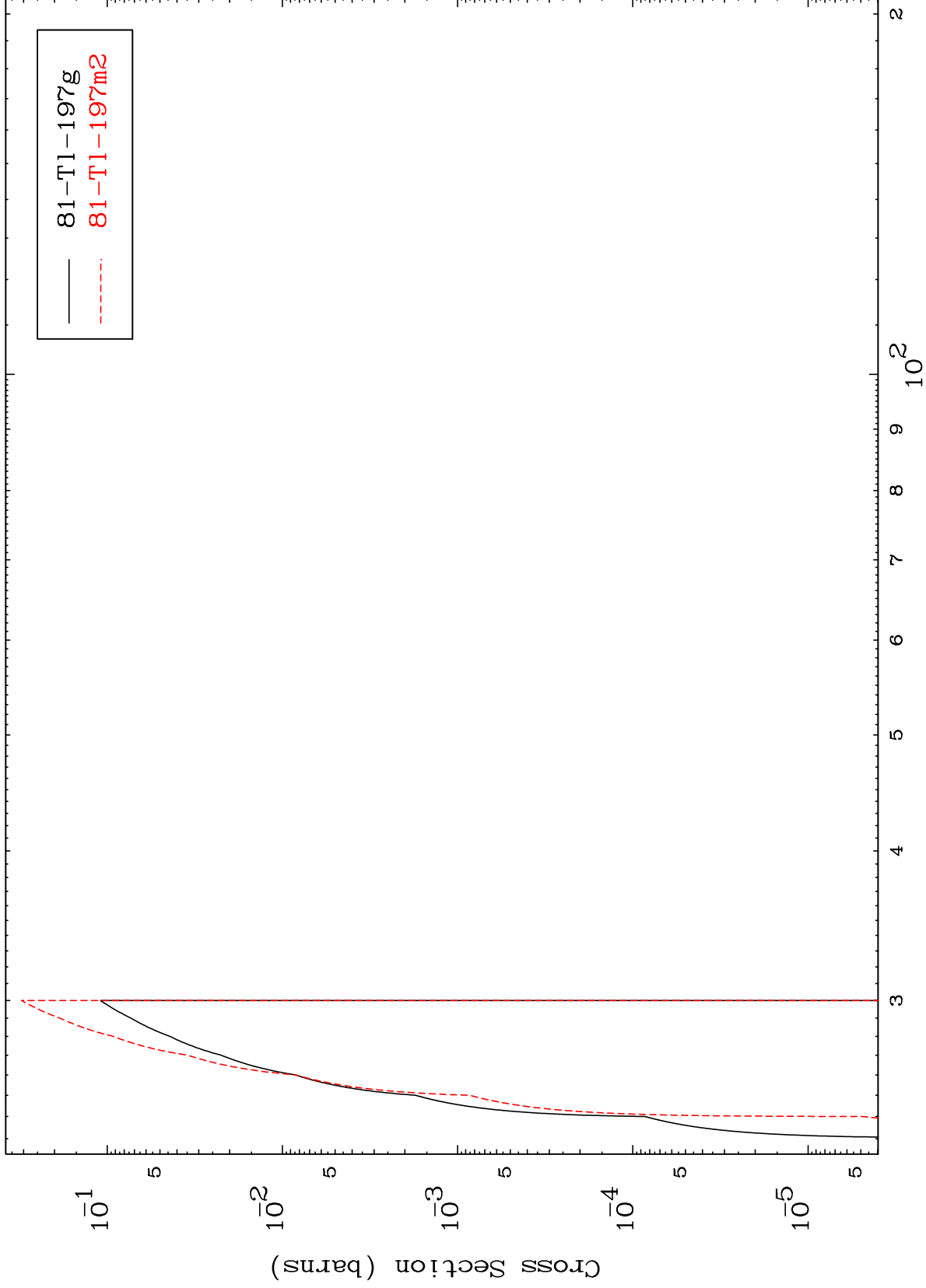
81-Tl-200

MAT 81116

(n,4n)

81-Tl-200

Radionuclide Production Cross Section



111

Incident Energy (MeV)

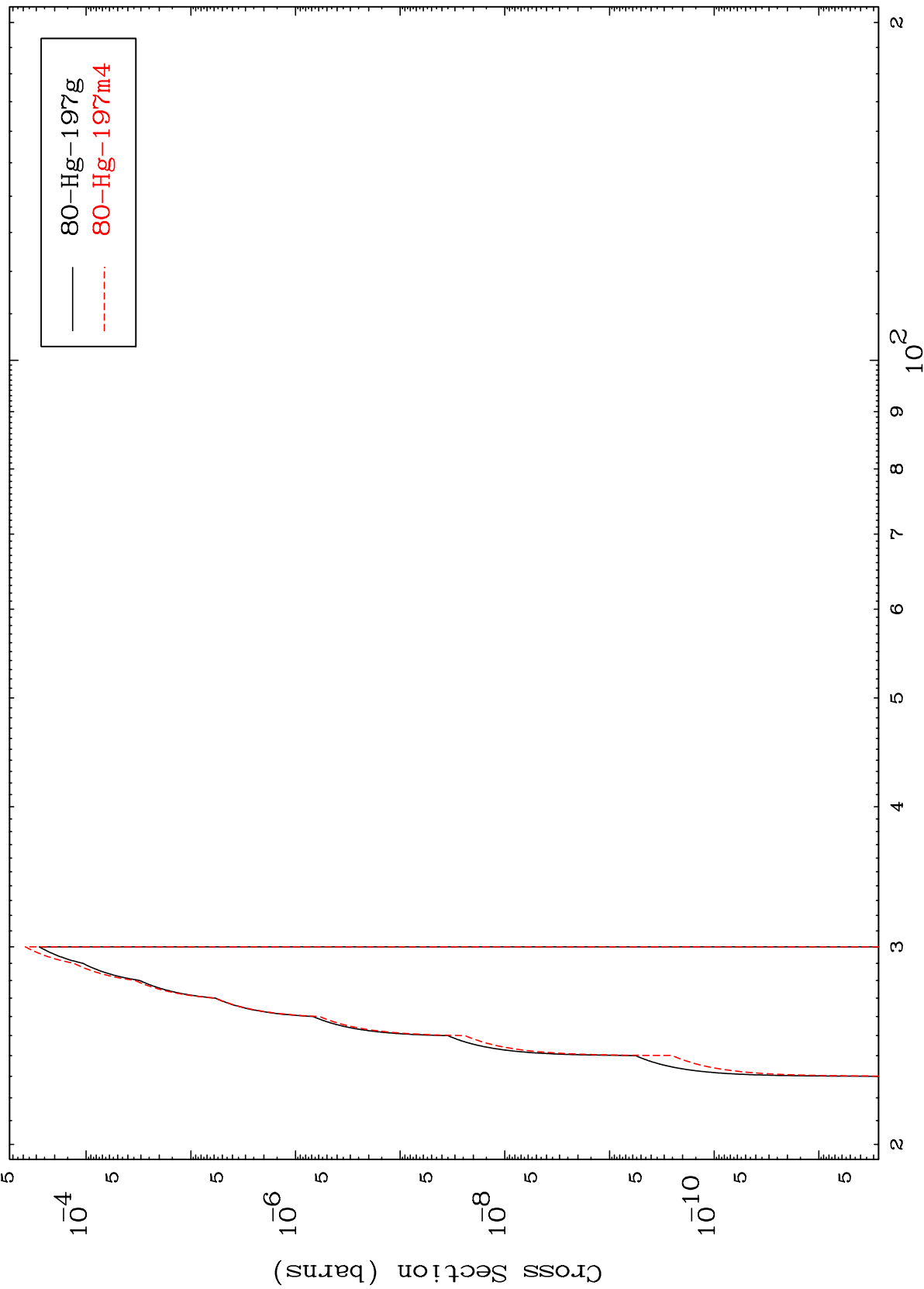
81-Tl-200

MAT 81116

(n,3n) p

81-Tl-200

Radionuclide Production Cross Section

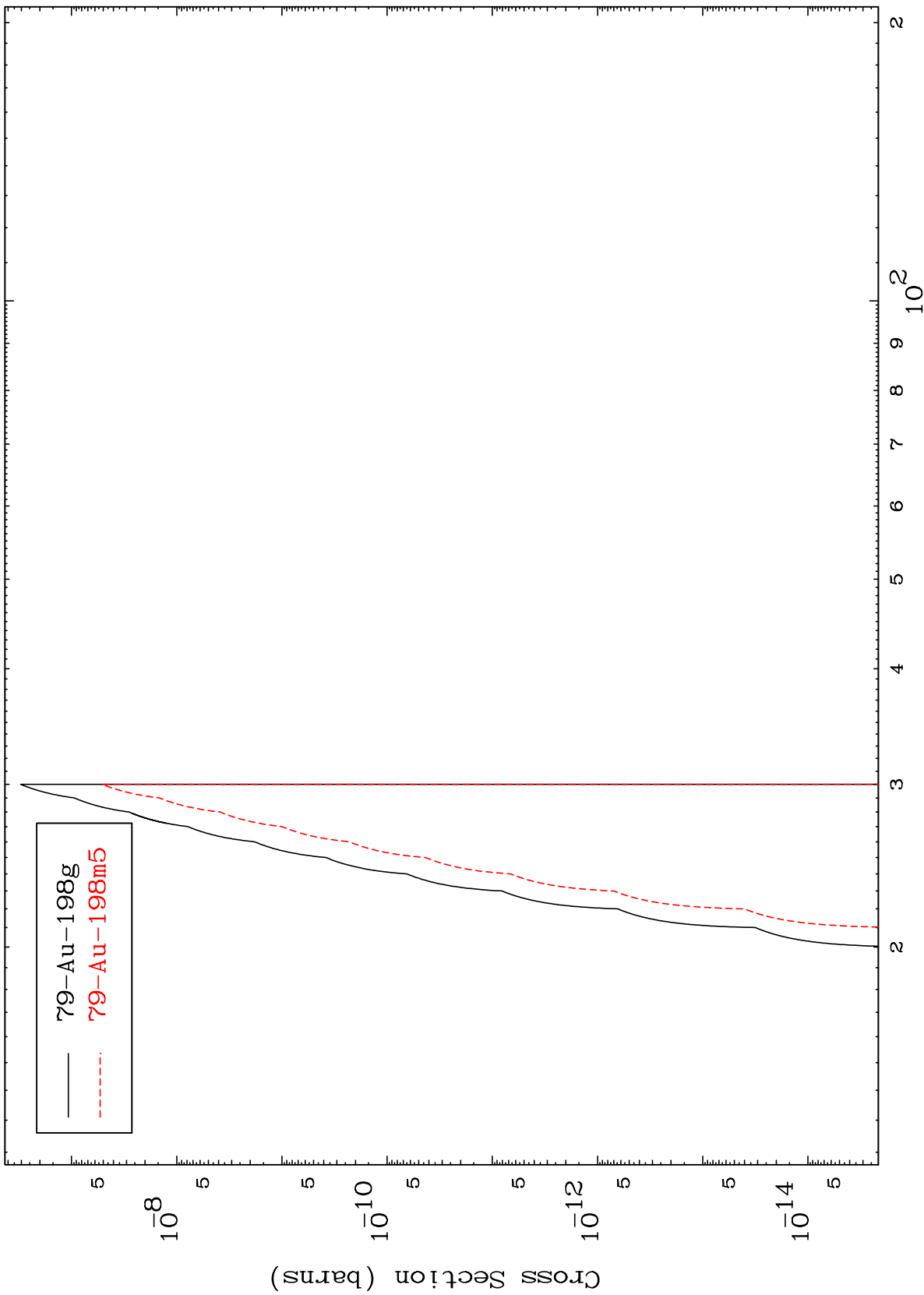


112

Incident Energy (MeV)

81-Tl-200

Radionuclide Production Cross Section

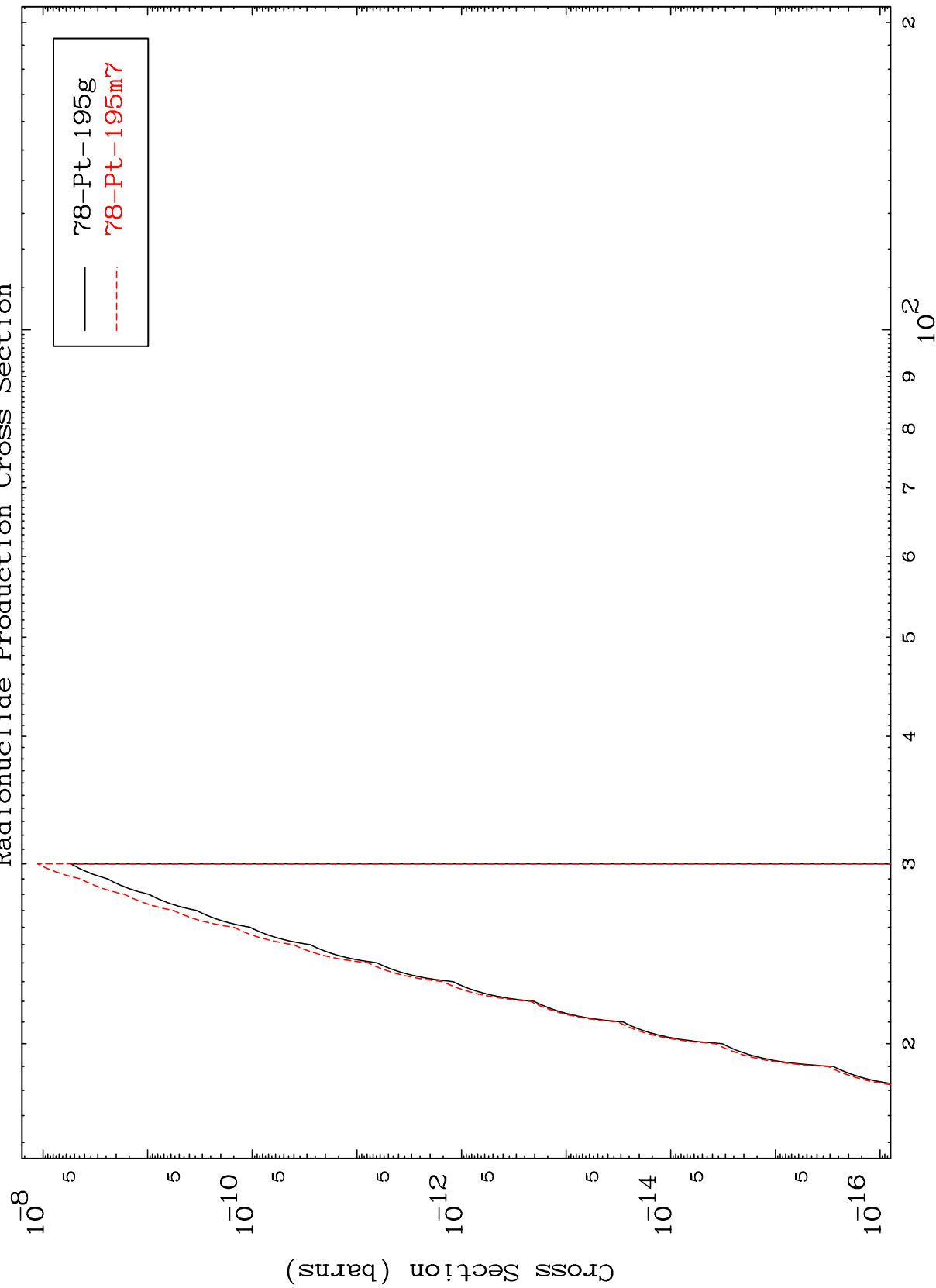


MAT 81116

(n,n') p α

81-Tl-200

Radionuclide Production Cross Section



114

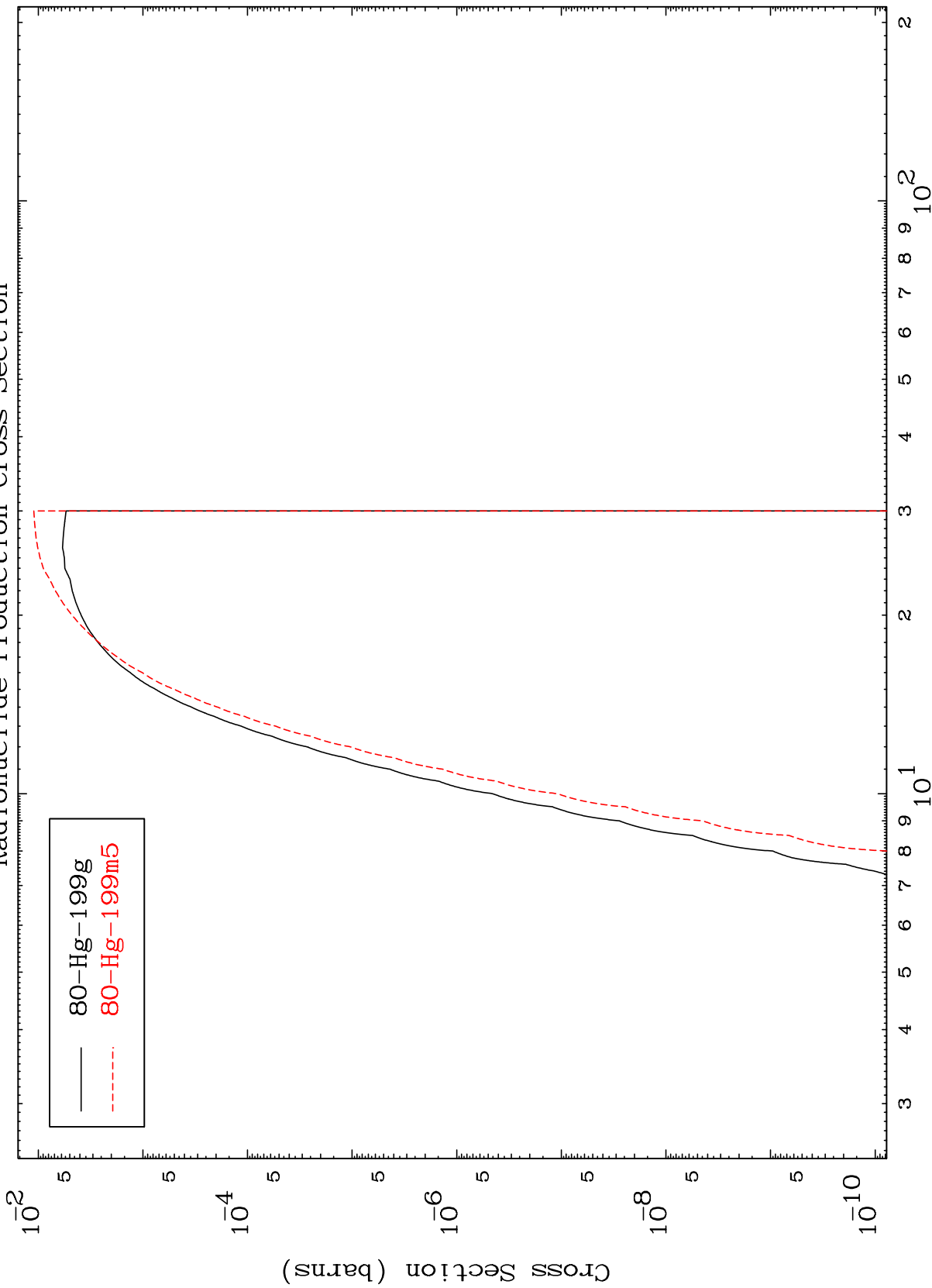
Incident Energy (MeV)

81-Tl-200

MAT 81116

81-Tl-200

(n,d)
Radionuclide Production Cross Section



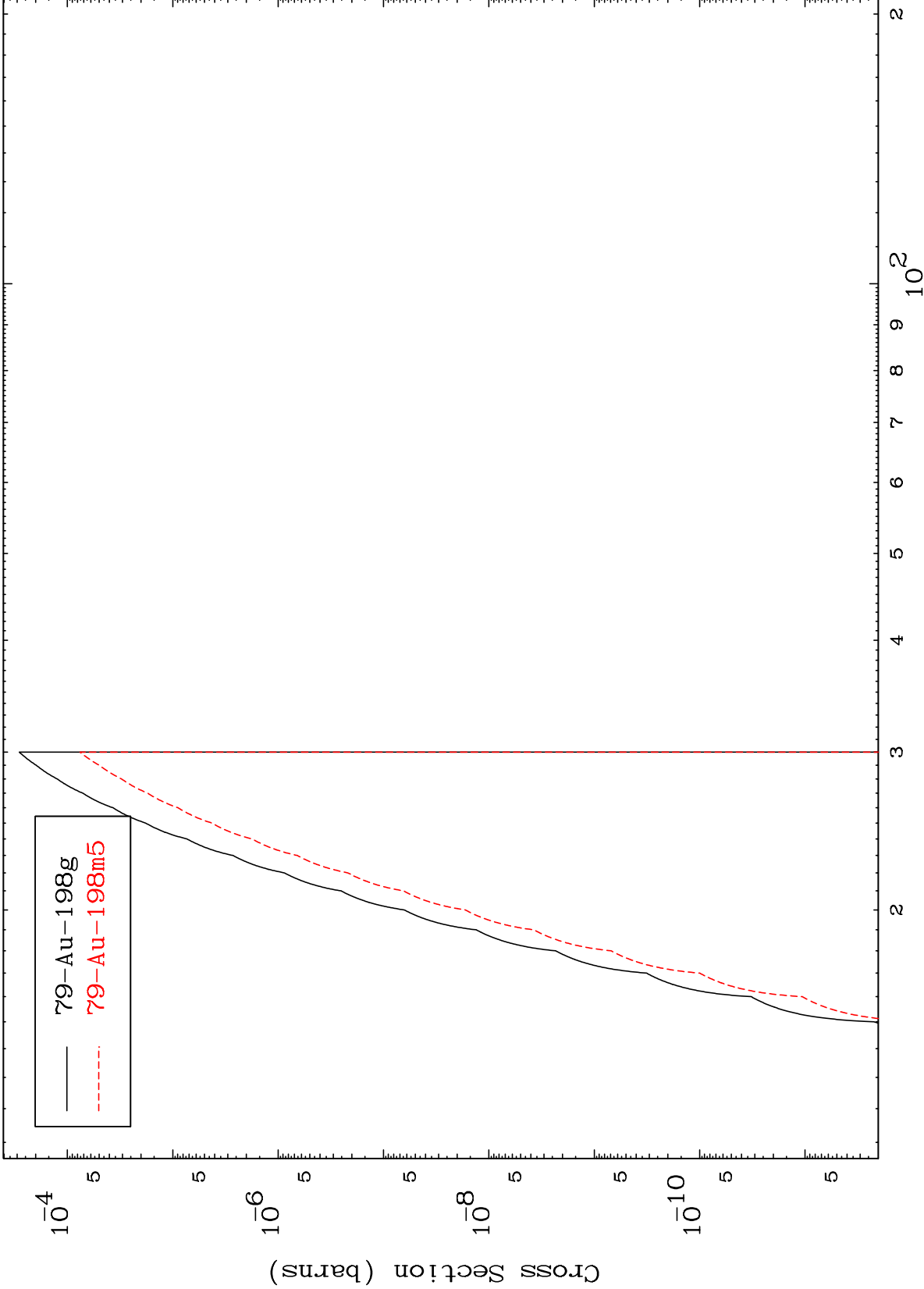
— 80-Hg-199g
- - - 80-Hg-199m5

115

Incident Energy (MeV)

81-Tl-200

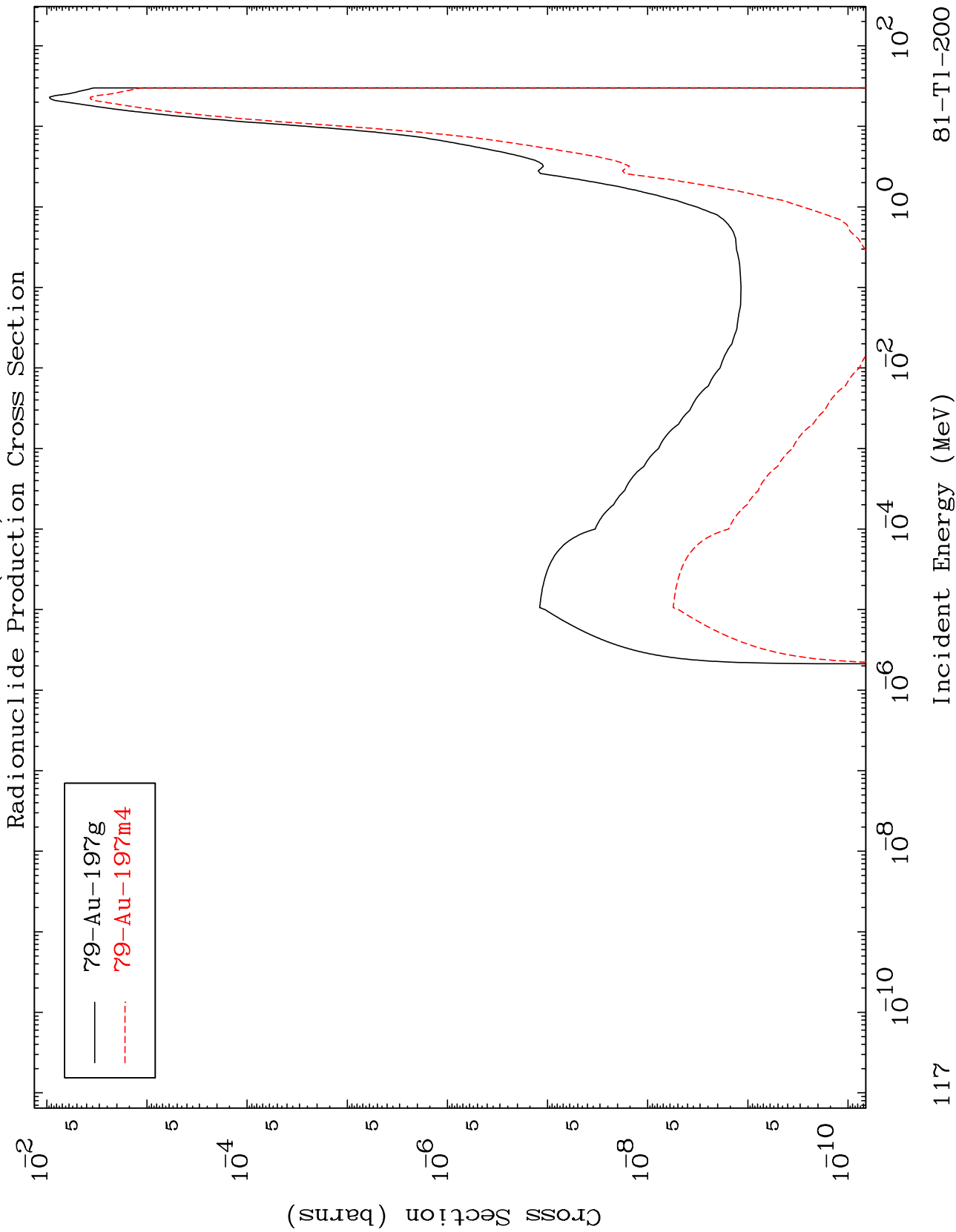
Radionuclide Production Cross Section



MAT 81116

81-Tl-200

Radionuclide Production Cross Section



117

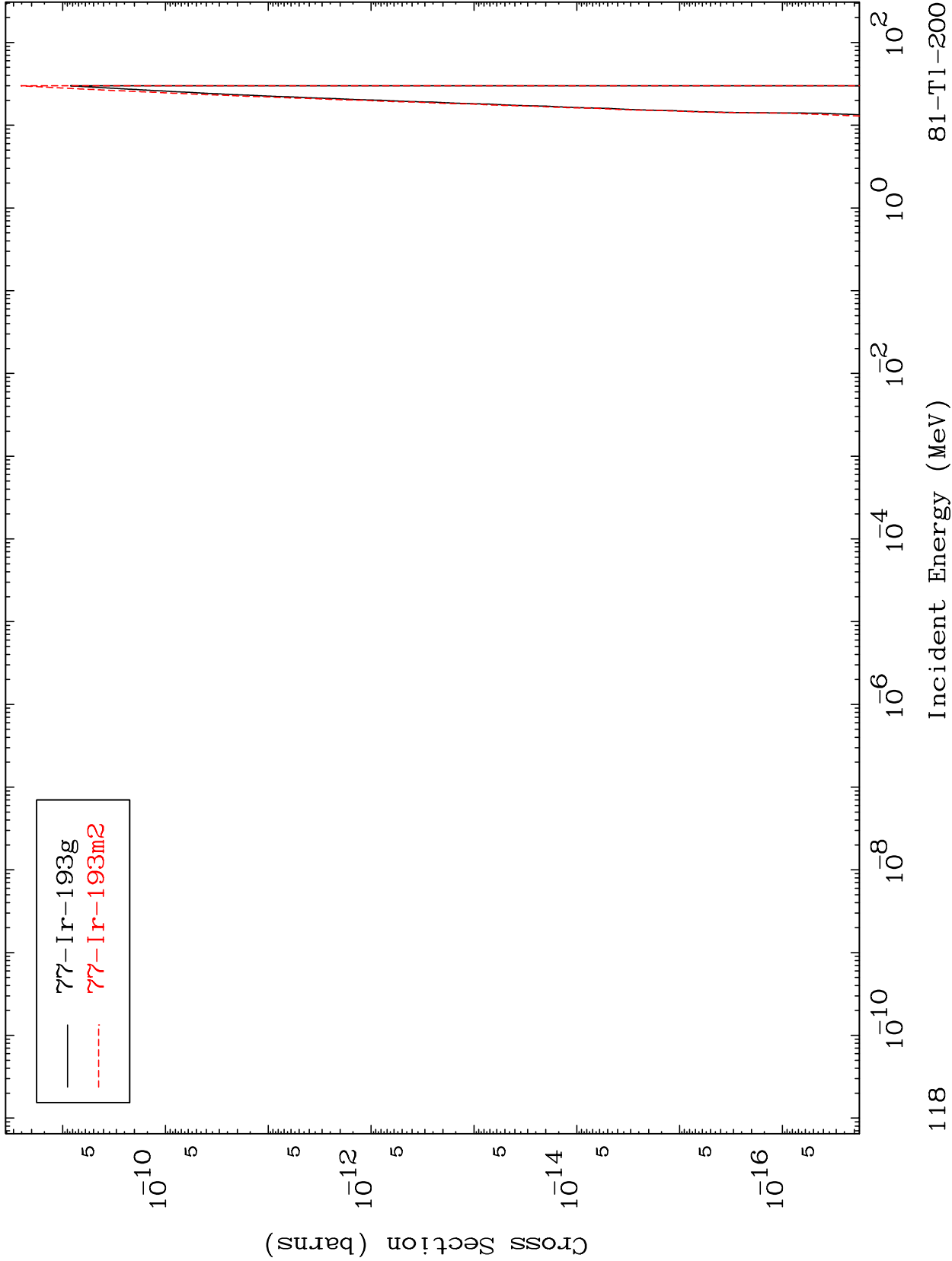
81-Tl-200

MAT 81116

(n,2α)

81-Tl-200

Radionuclide Production Cross Section

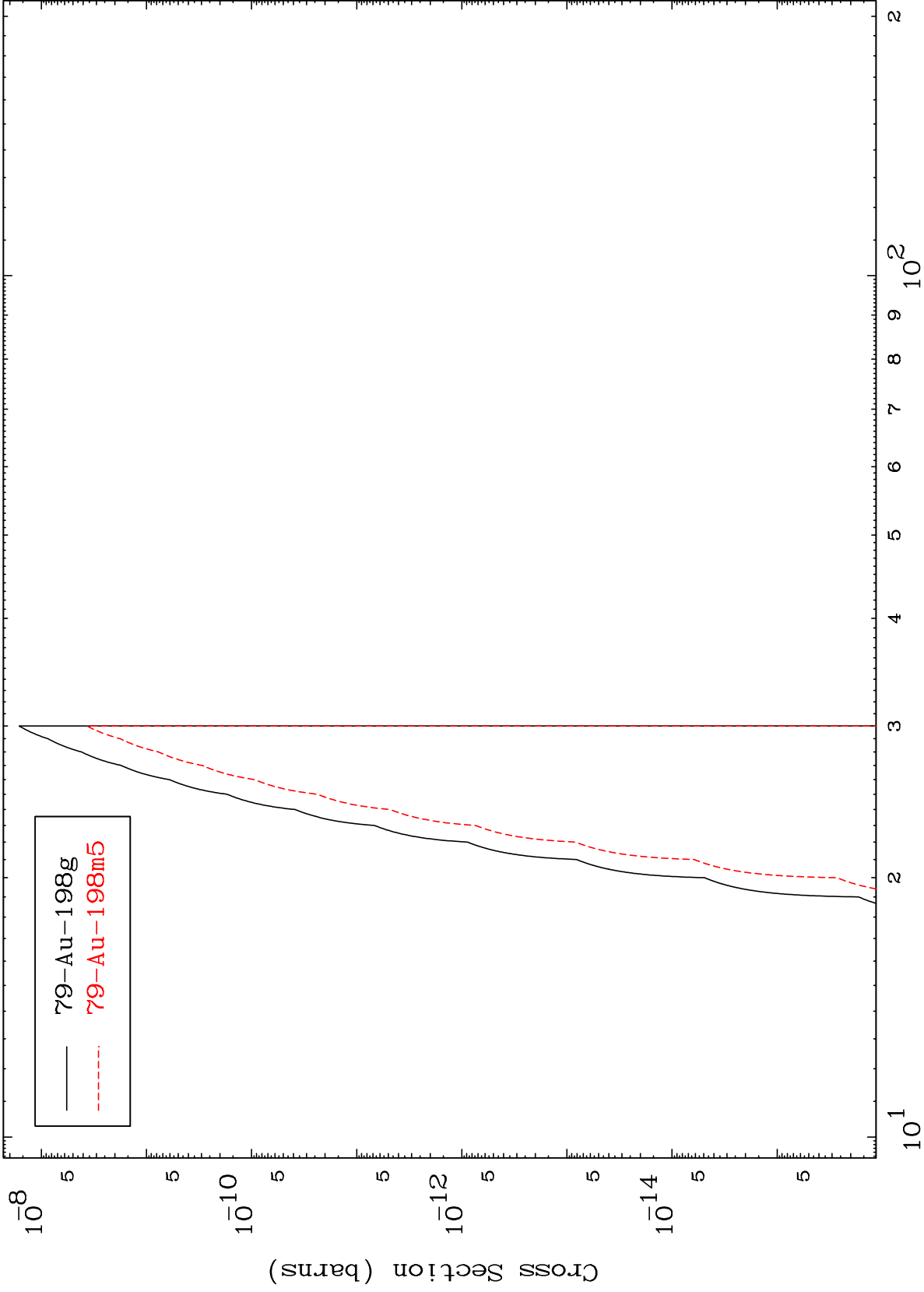


MAT 81116

(n,p) d

81-Tl-200

Radionuclide Production Cross Section



119

Incident Energy (MeV)

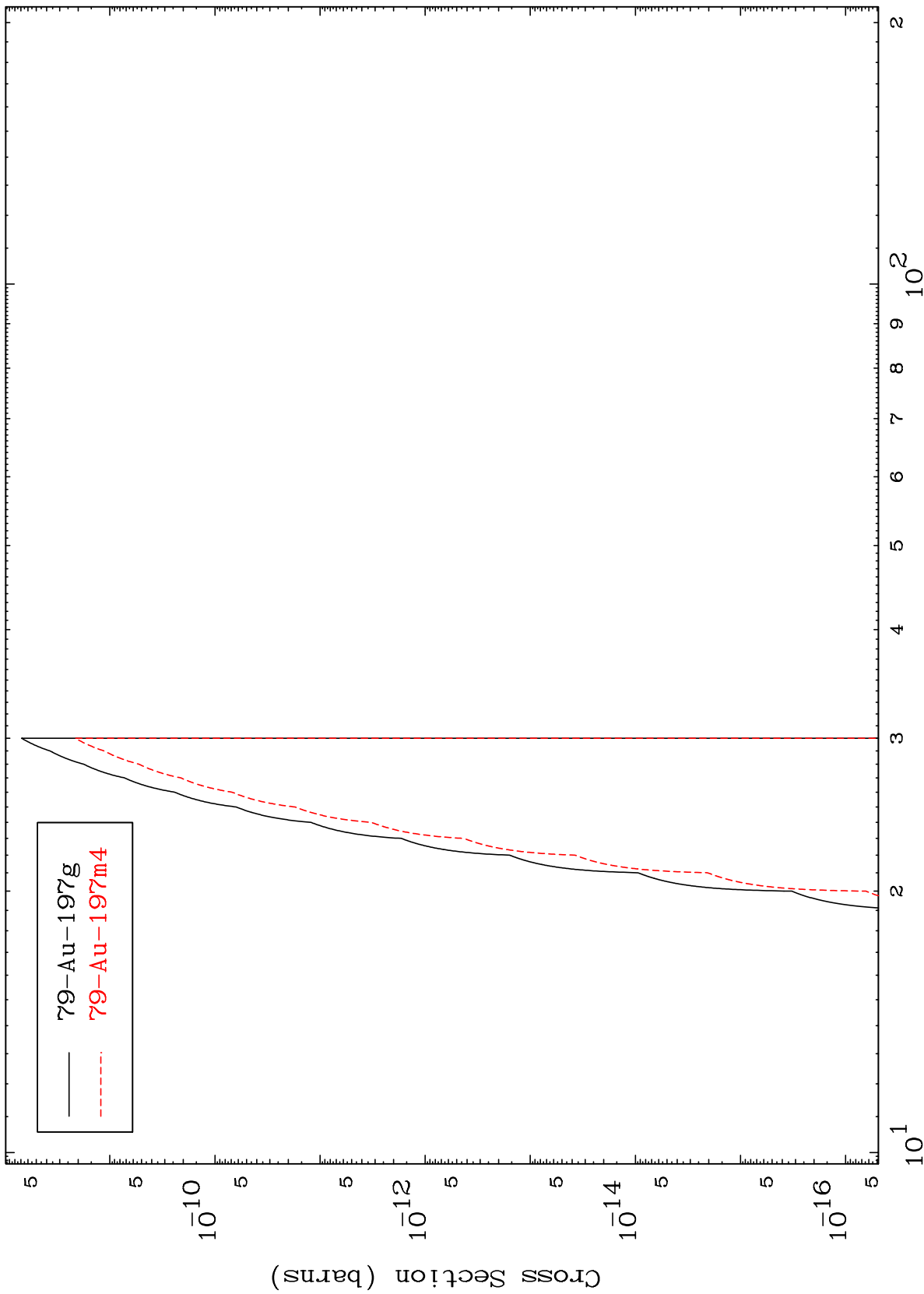
81-Tl-200

MAT 81116

(n,p) t

81-Tl-200

Radionuclide Production Cross Section



79-Au-197g
79-Au-197m4

120

Incident Energy (MeV)

81-Tl-200