

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

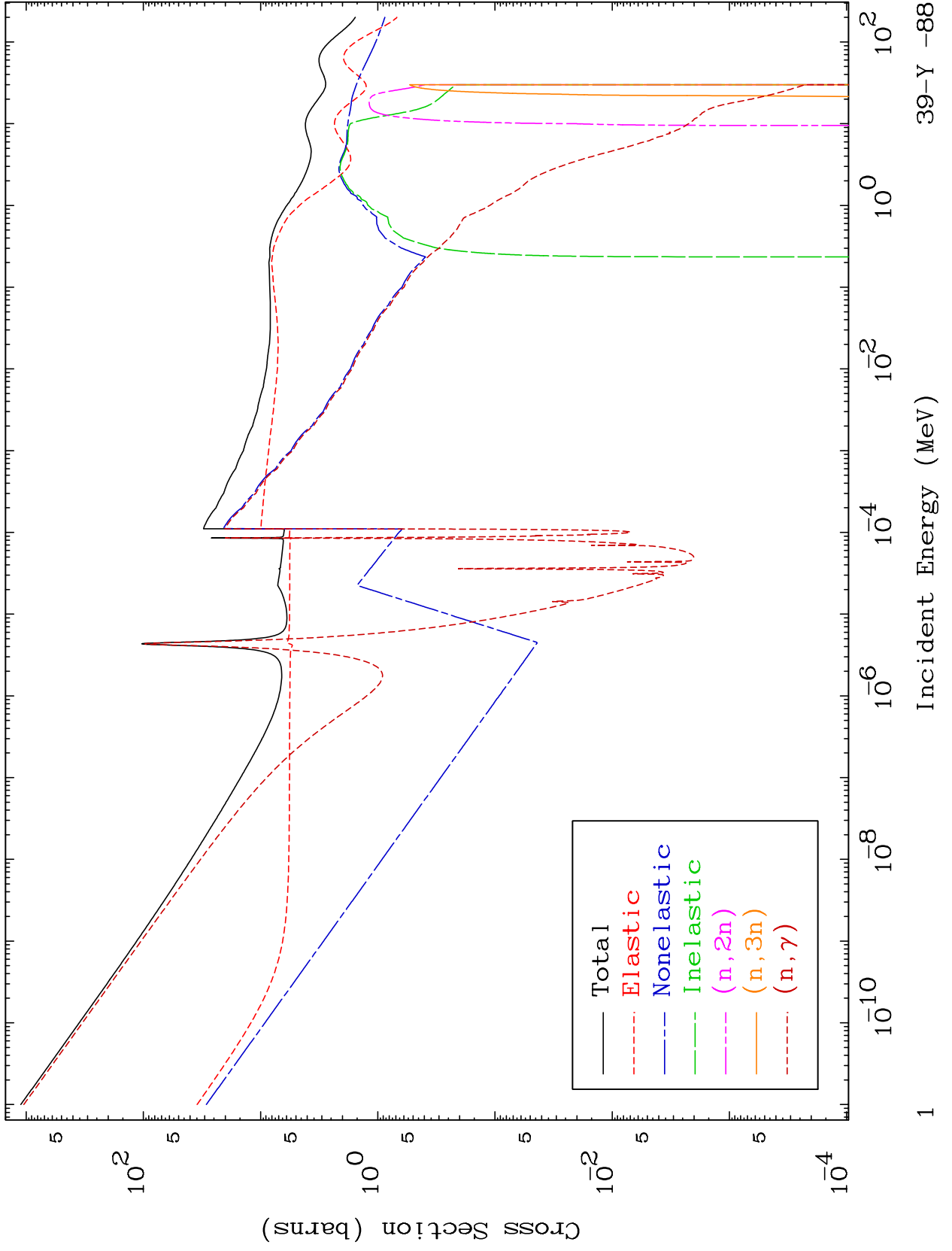
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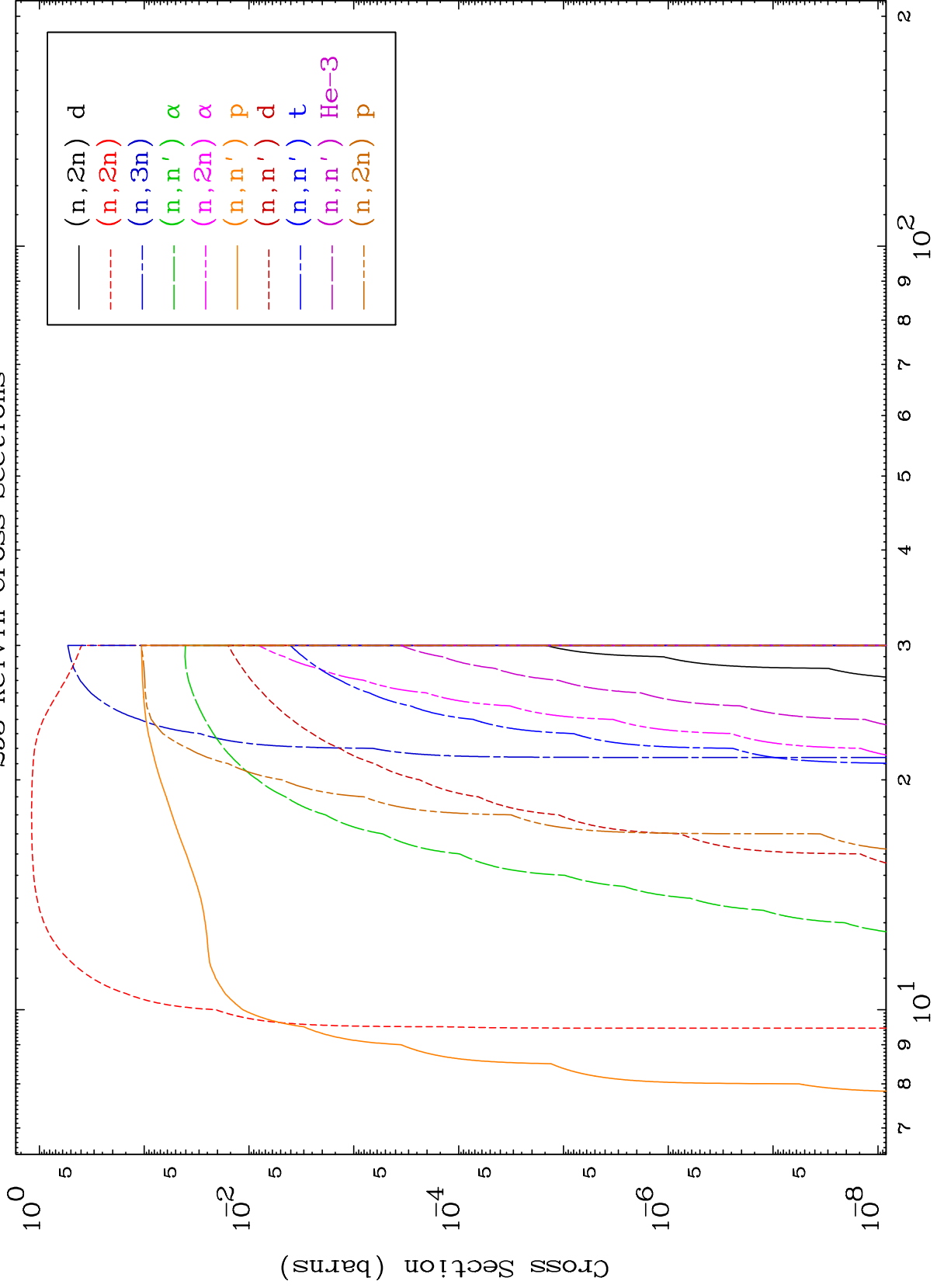
Press Mouse Button to Start

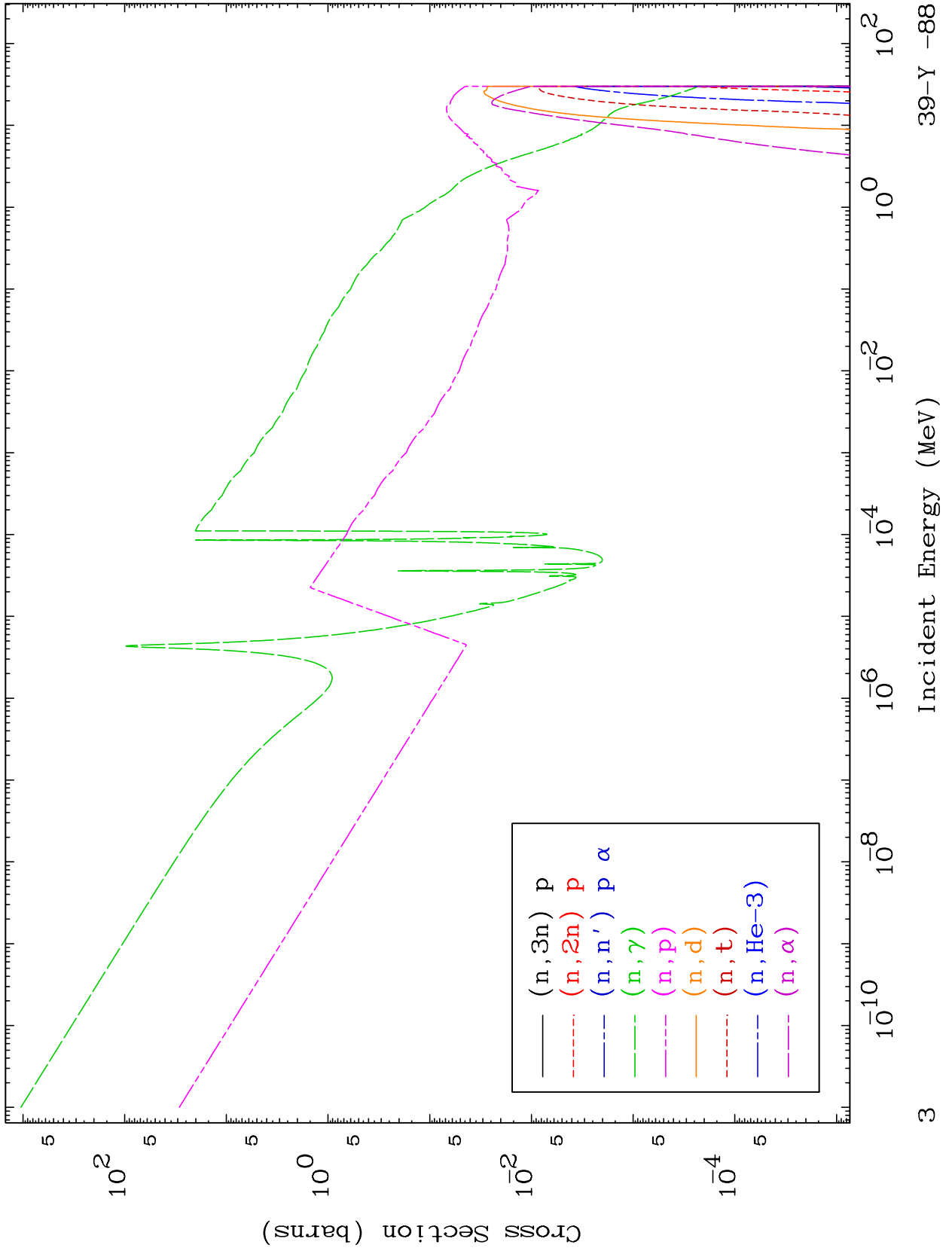
MAT 3922

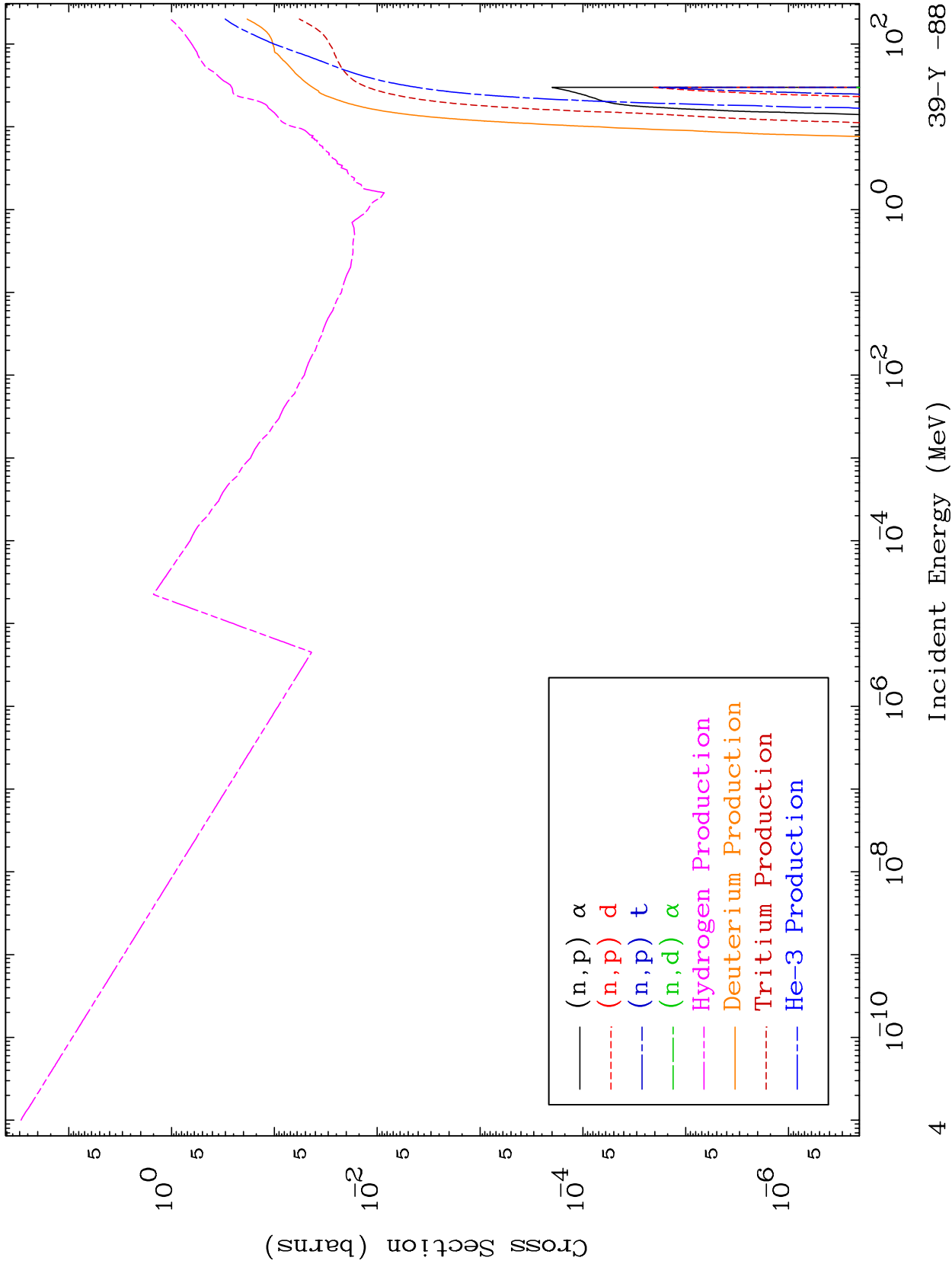
Neutron Major
293 Kelvin Cross Sections

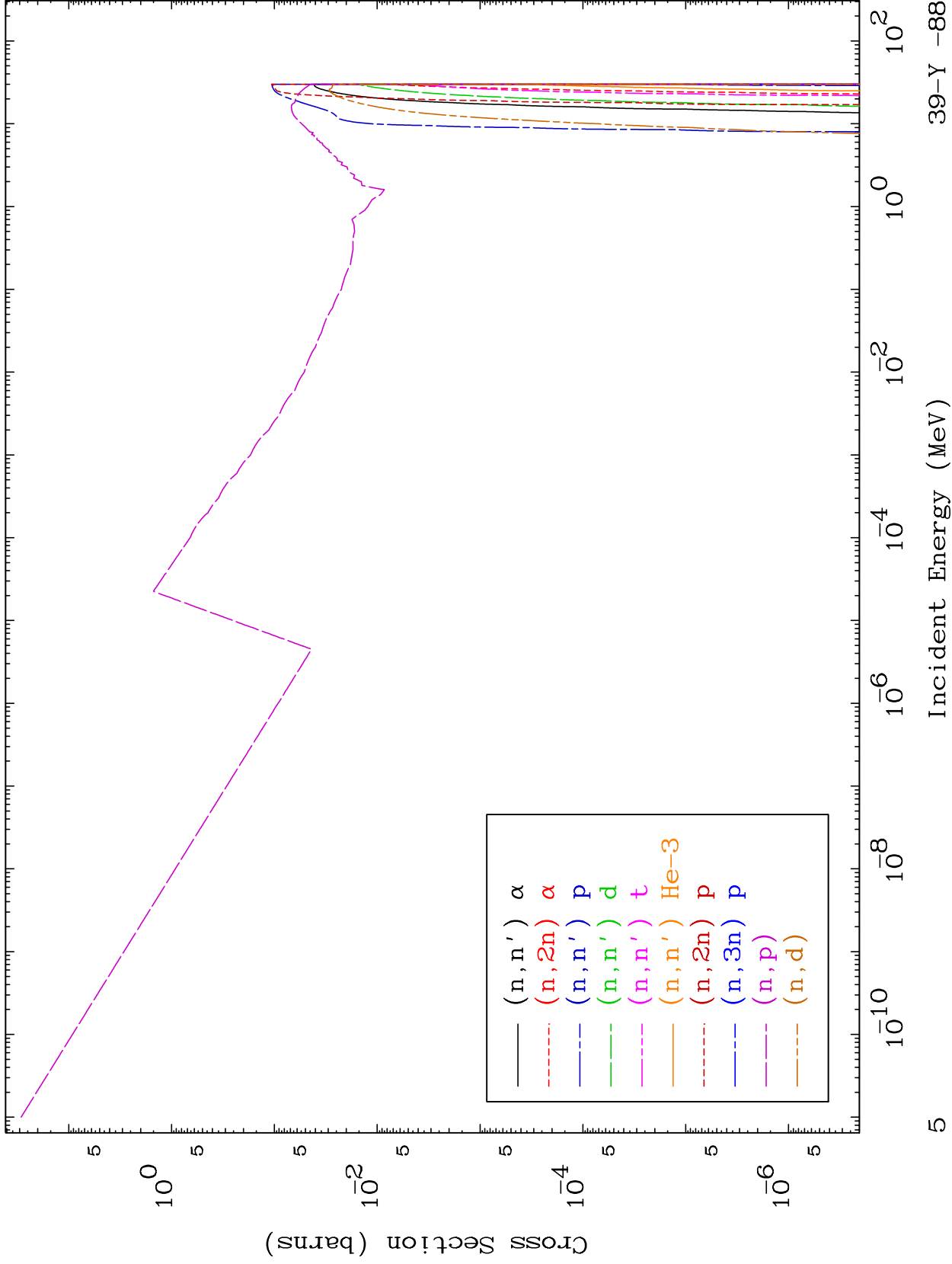
39-Y -88







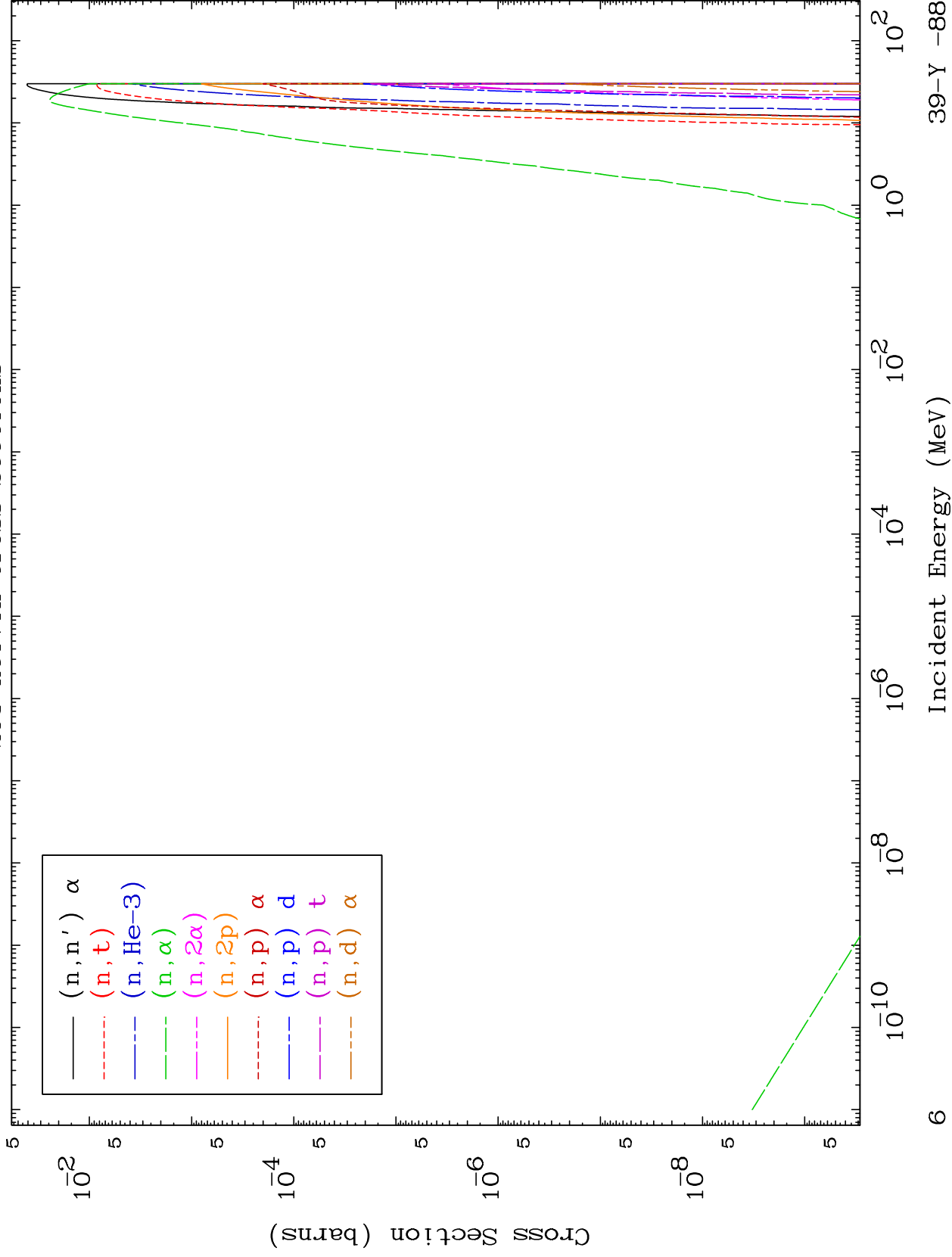




MAT 3922

Charged Particle
293 Kelvin Cross Sections

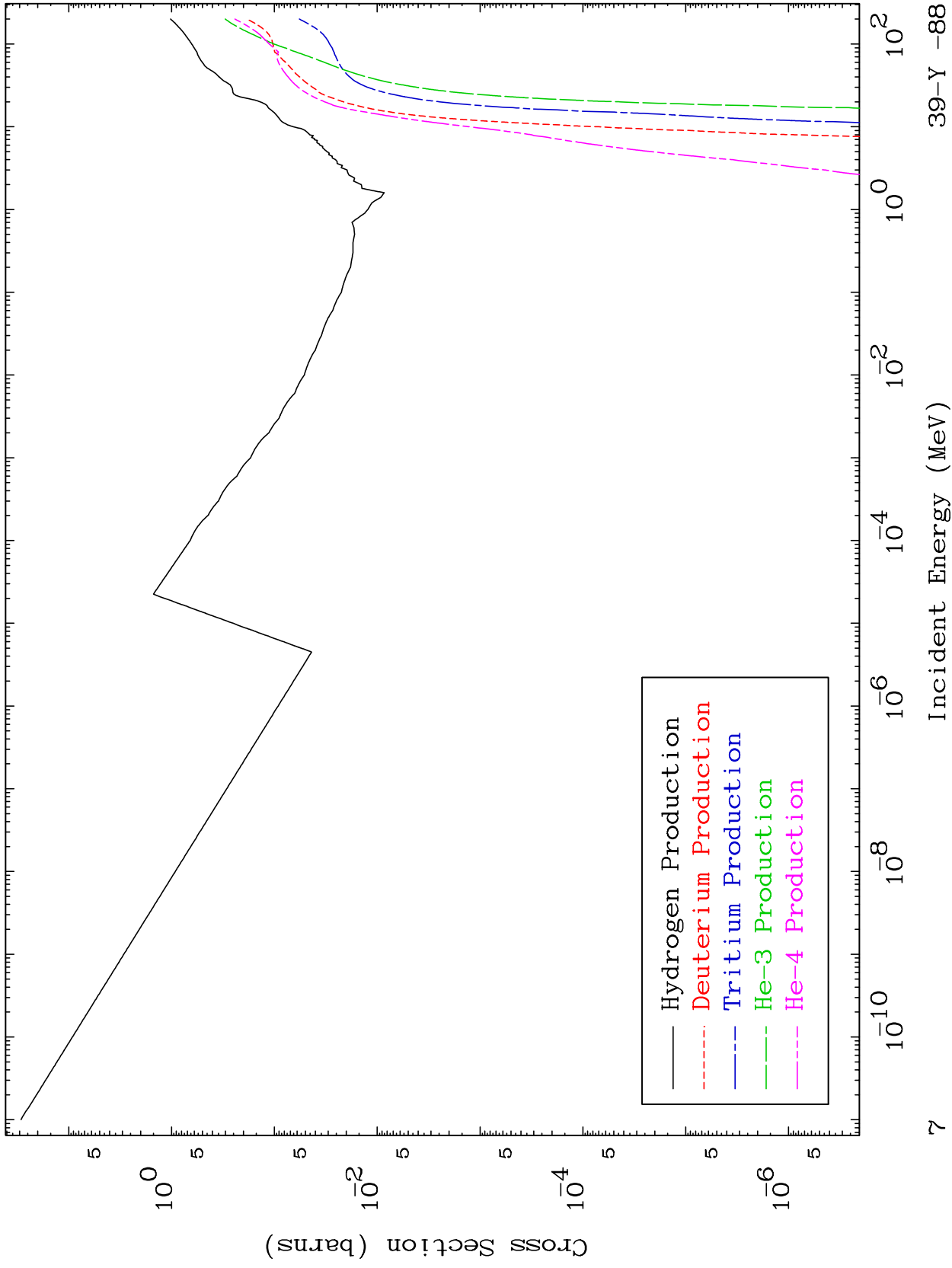
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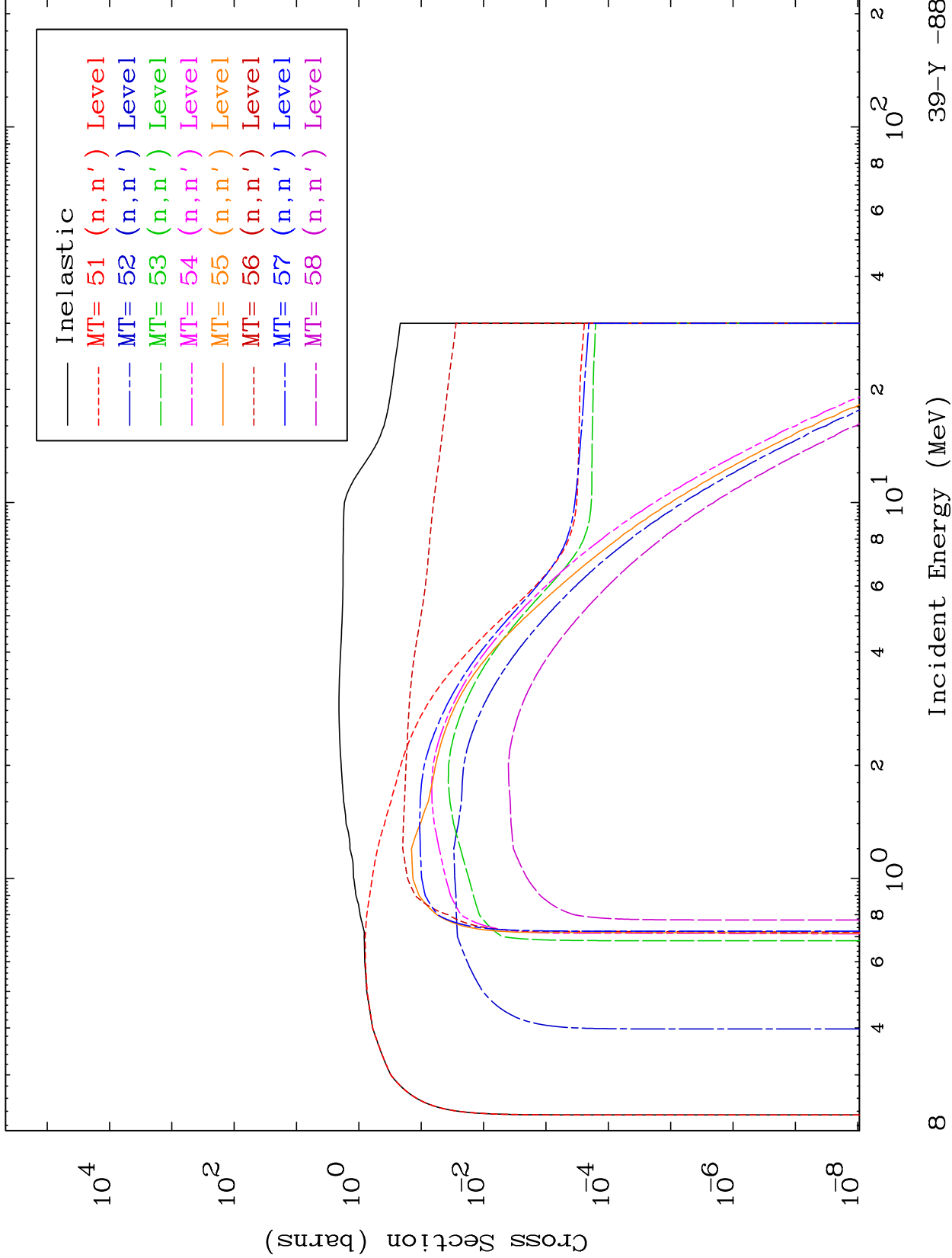


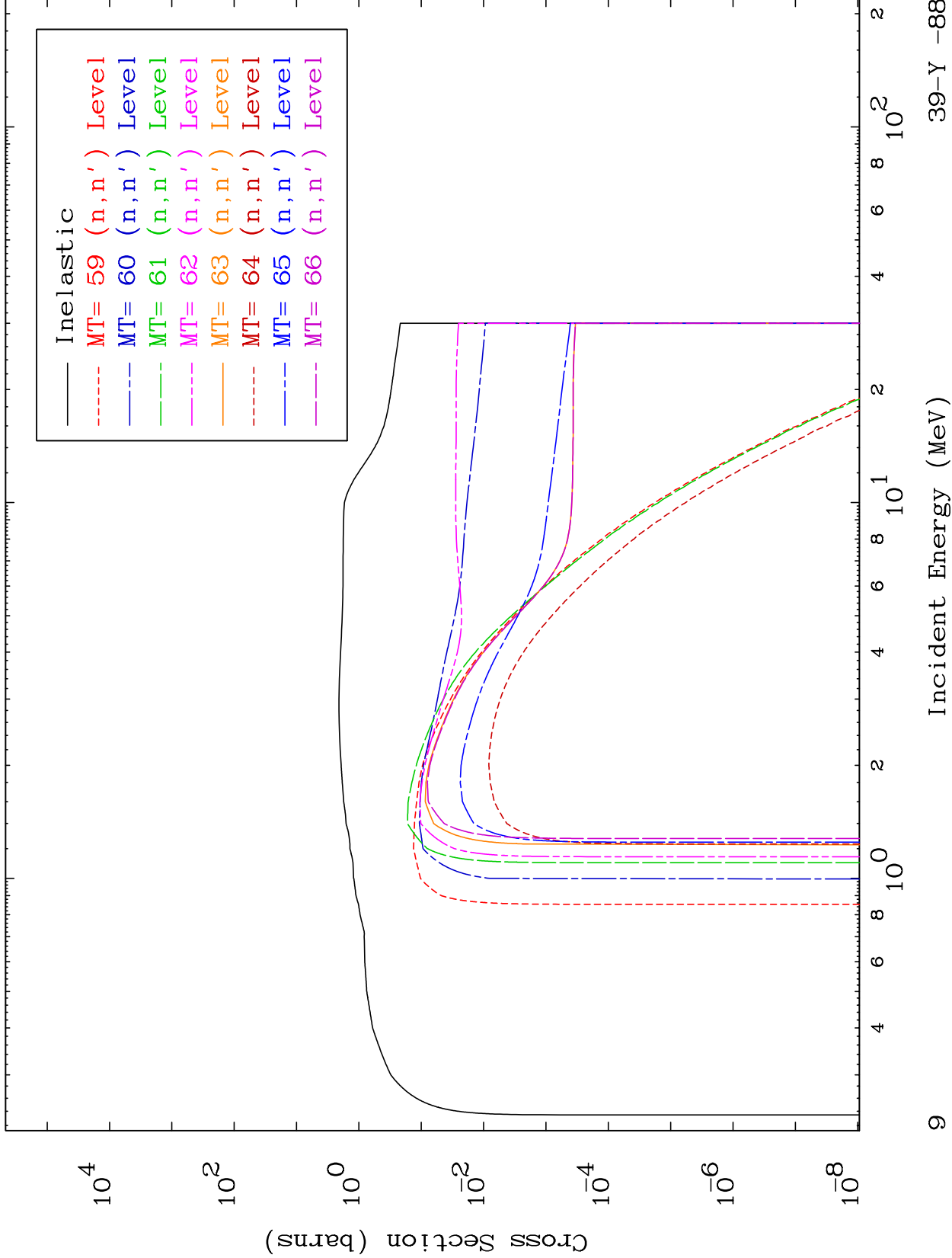
MAT 3922

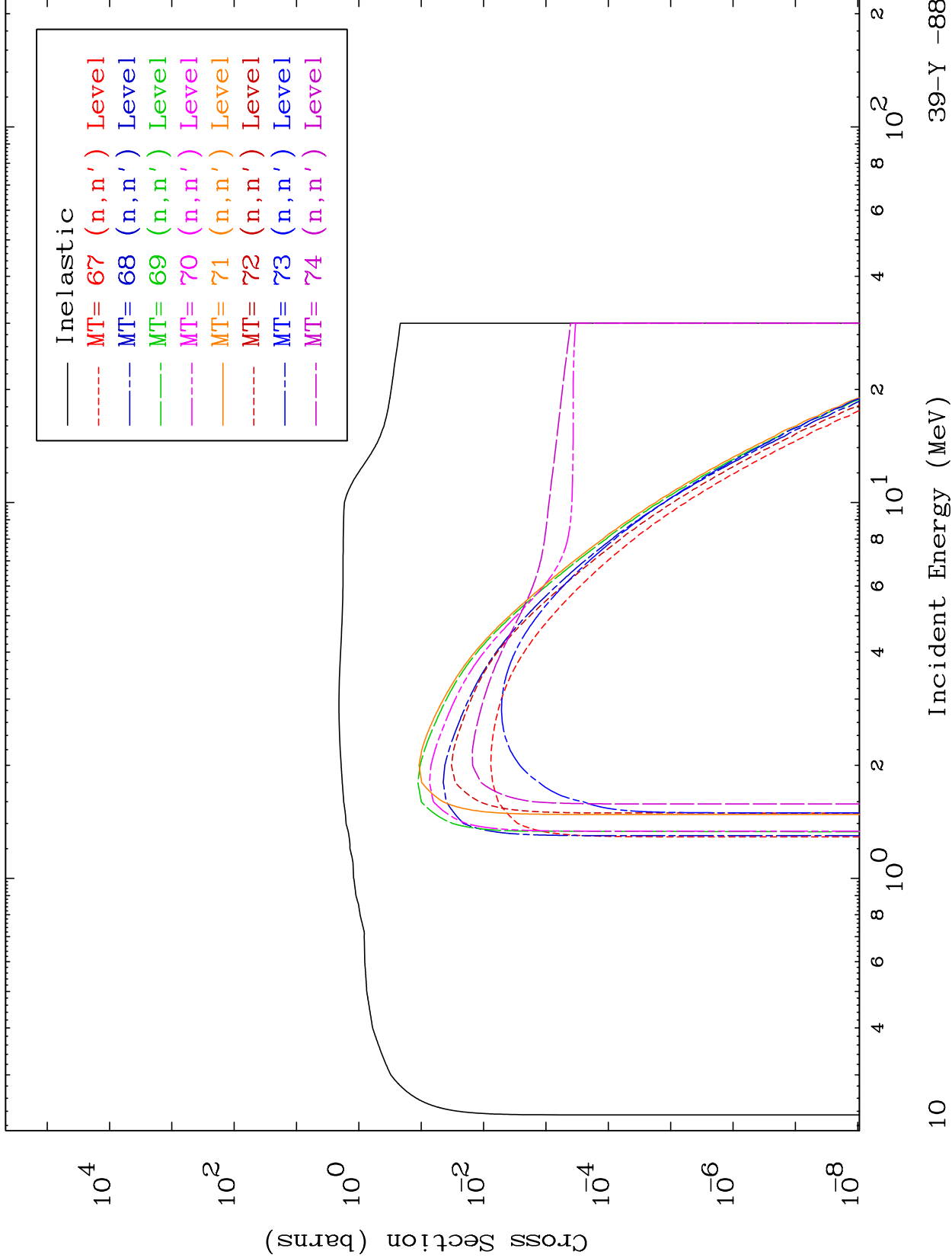
Particle Production
293 Kelvin Cross Sections

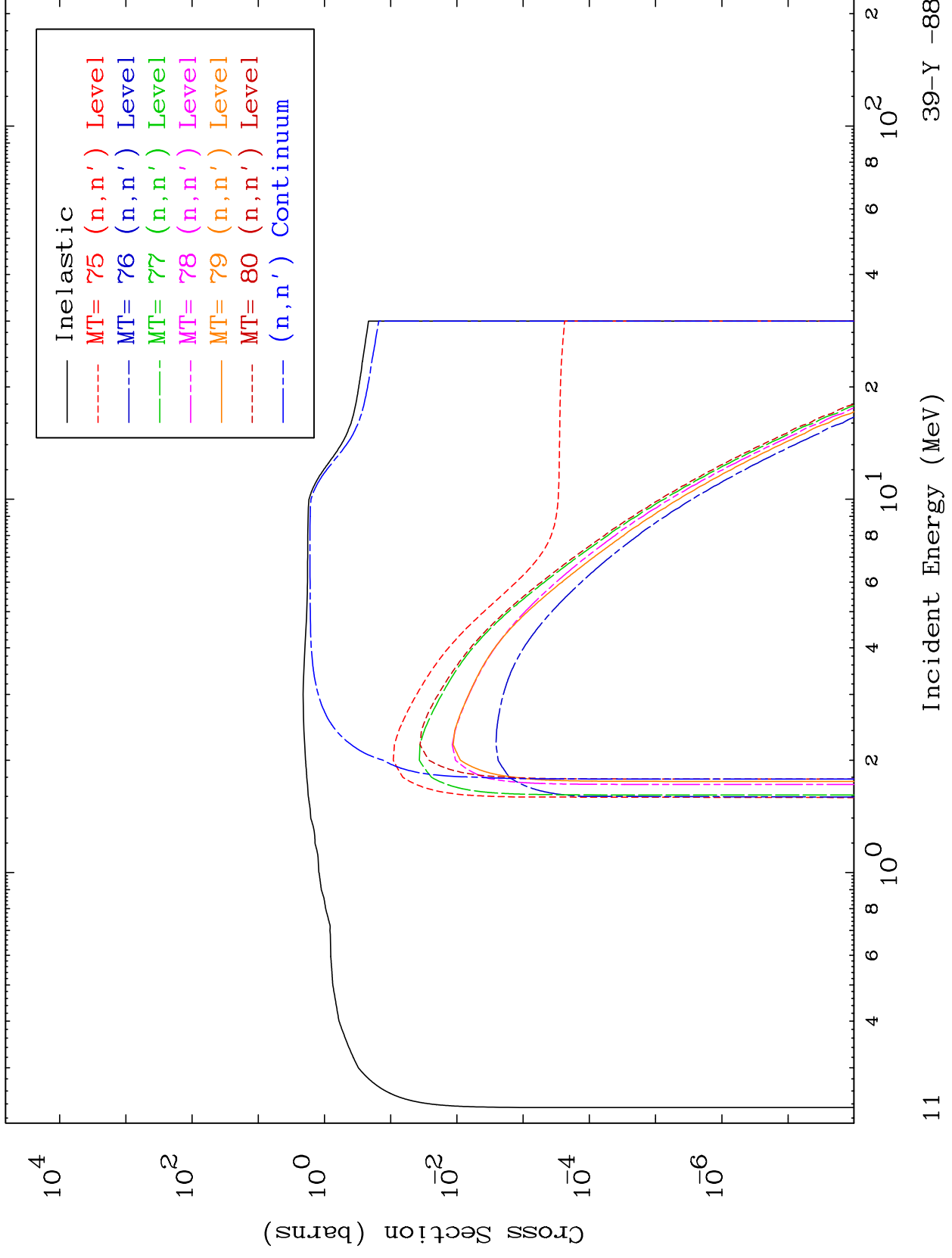
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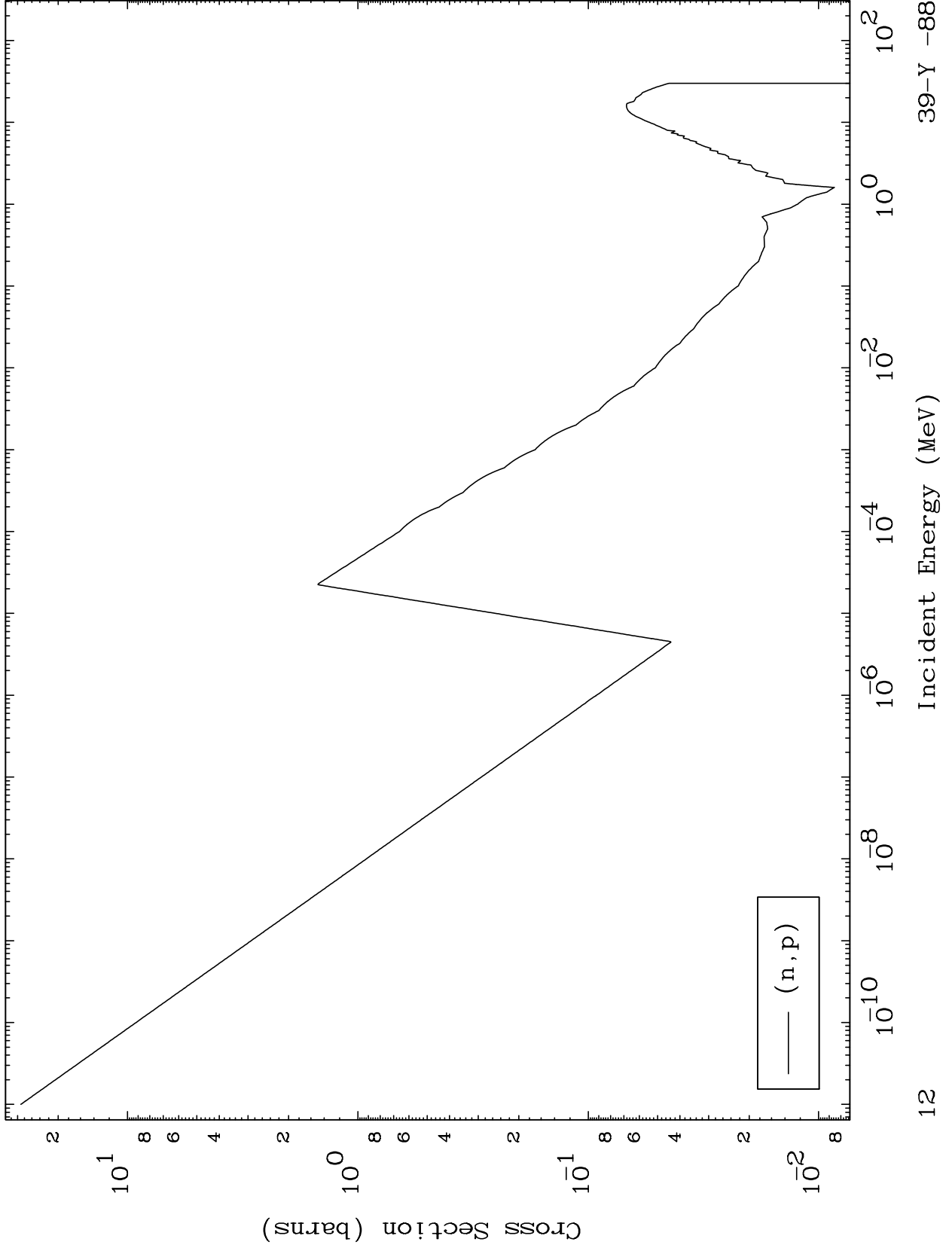


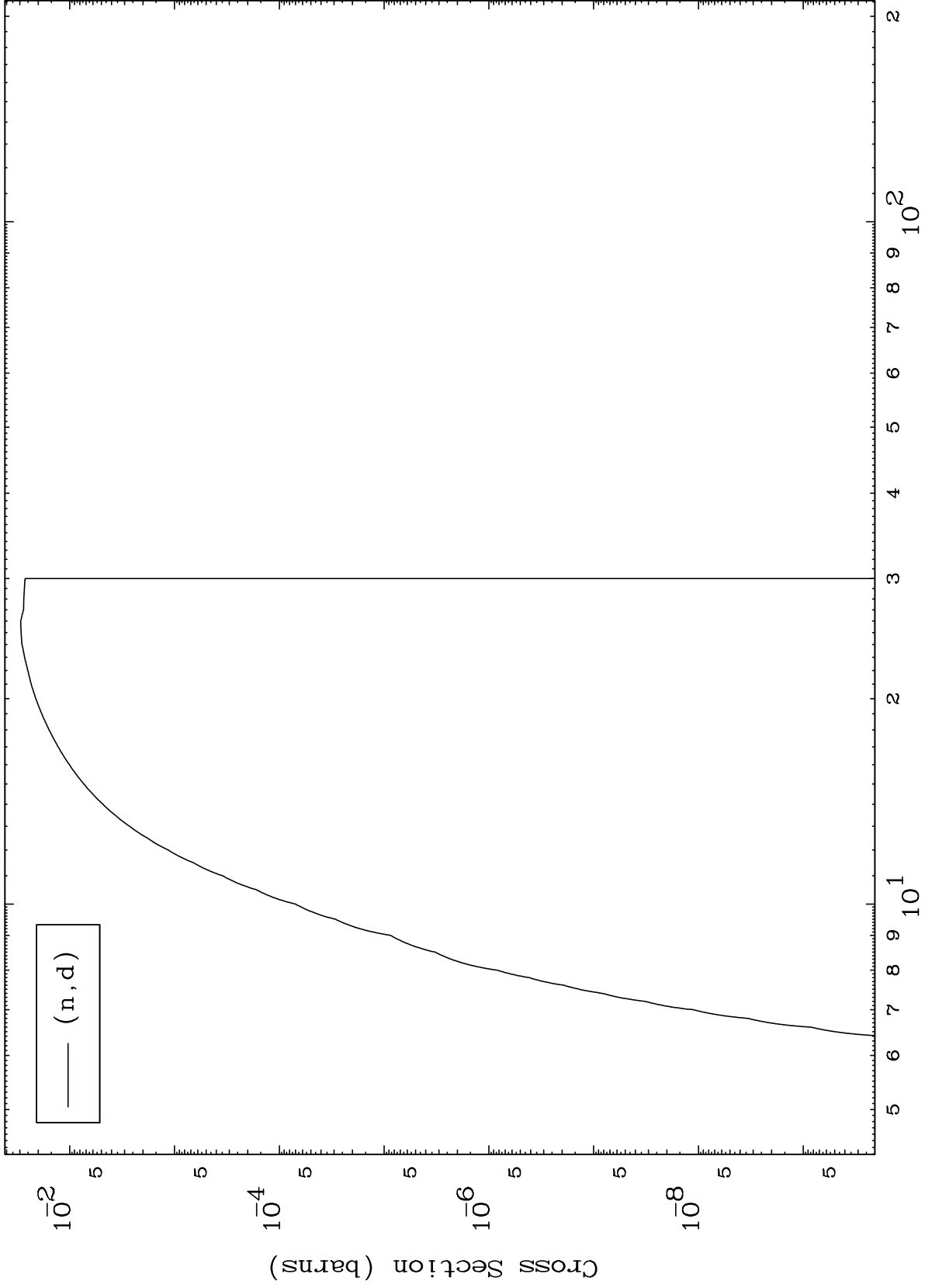


MAT 3922

(n,p) Levels
293 Kelvin Cross Sections

39-Y -88

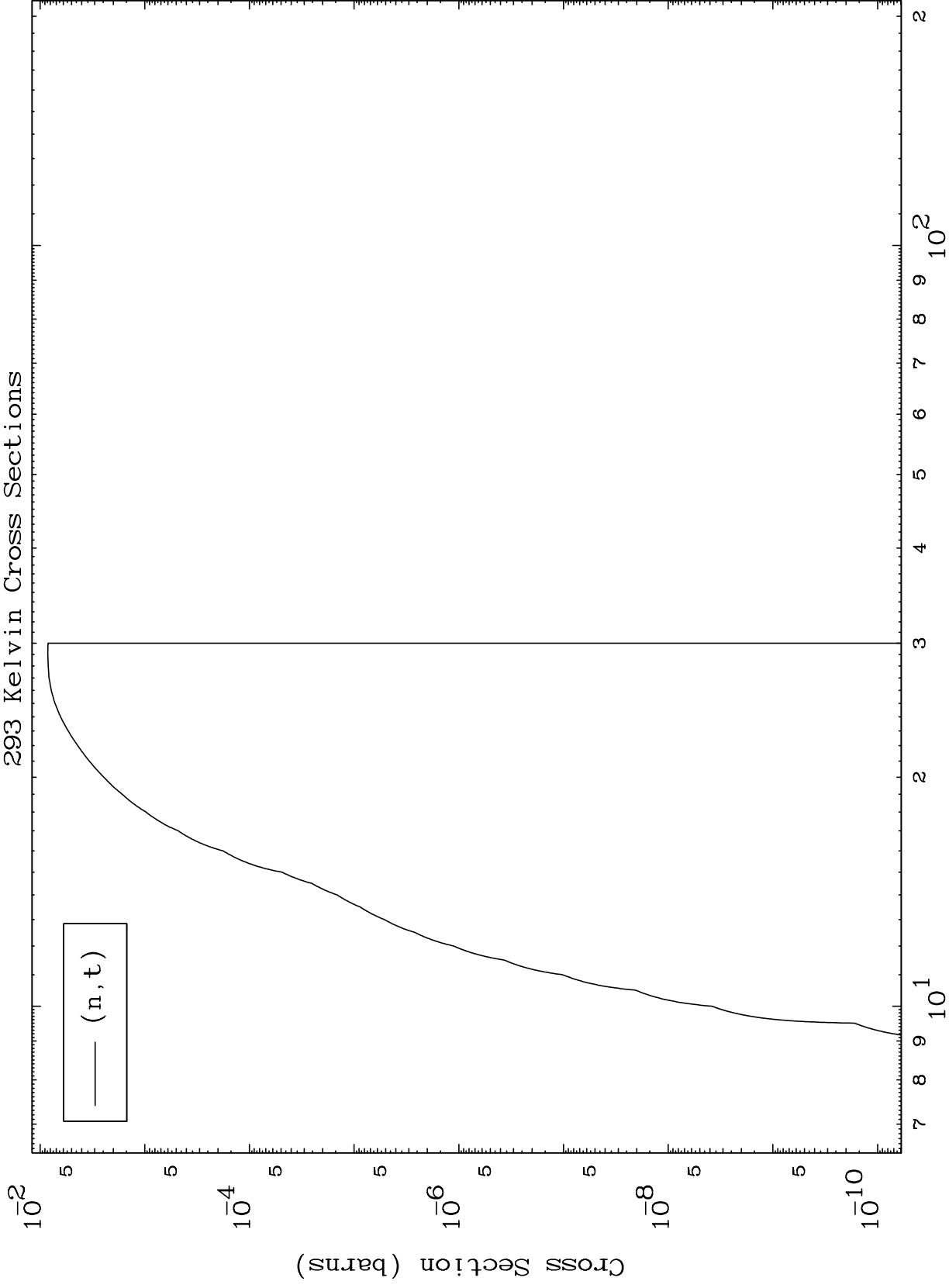




MAT 3922

(n,t) Levels
293 Kelvin Cross Sections

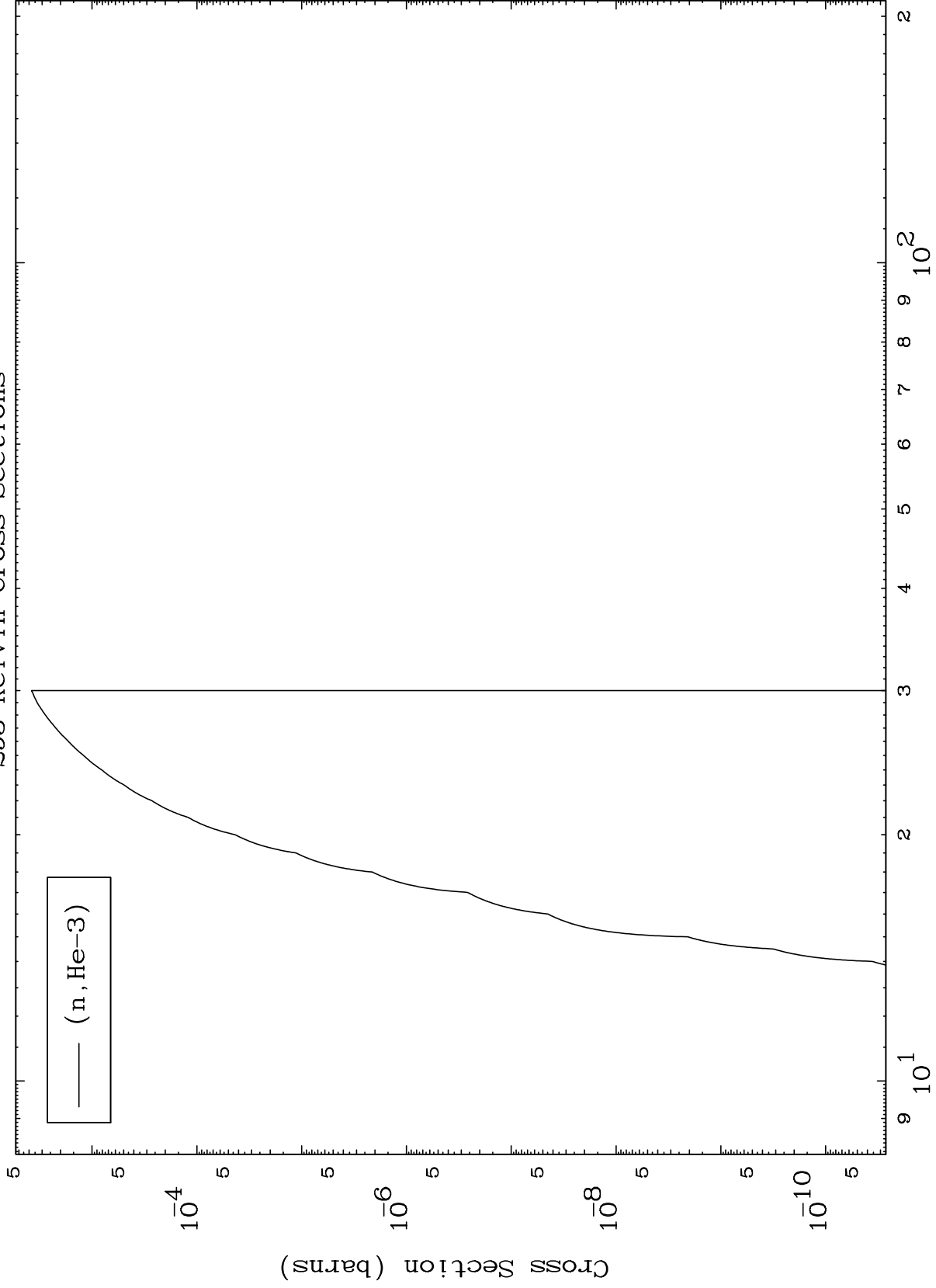
39-Y -88



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Incident Energy (MeV)

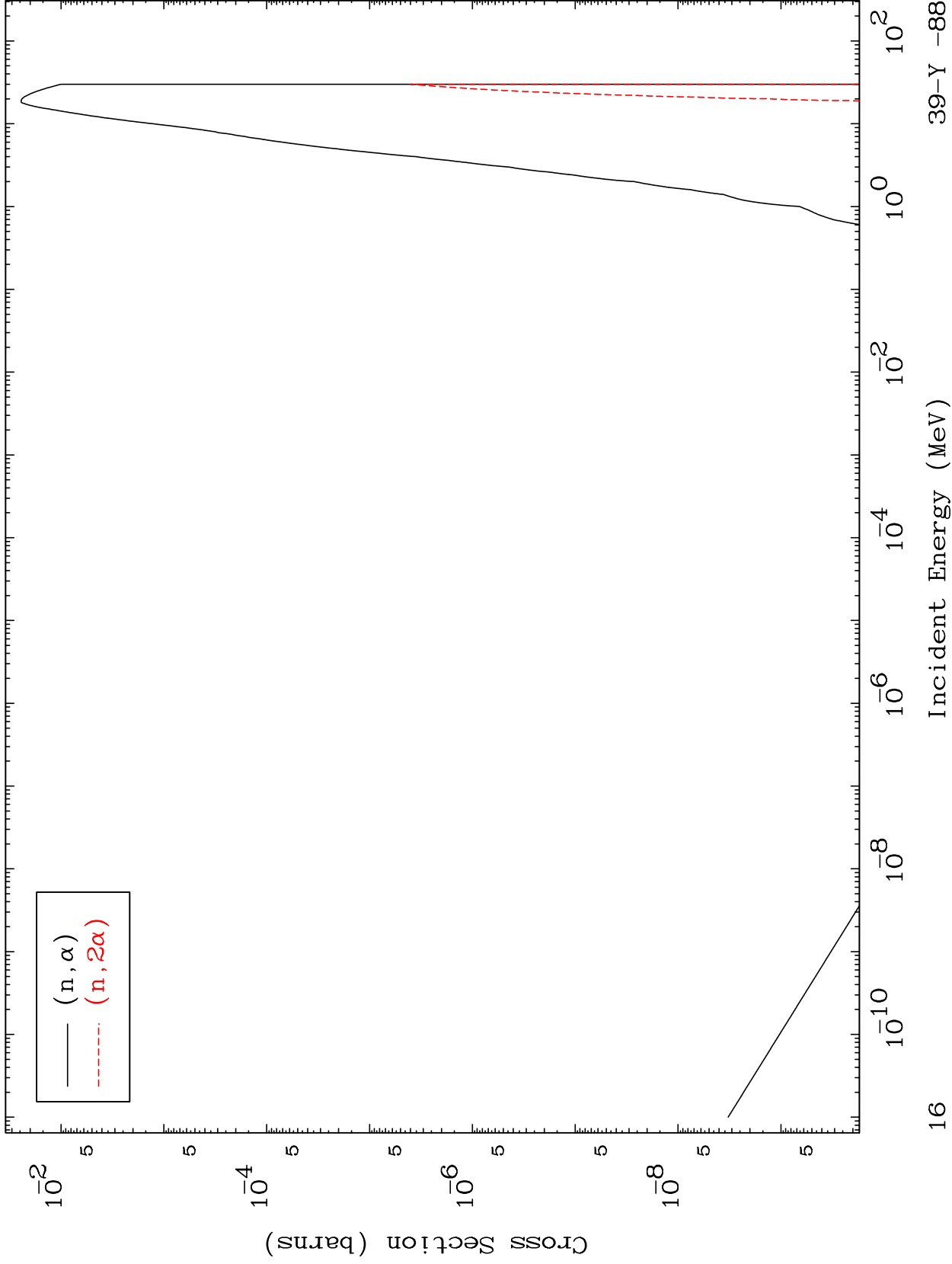
39-Y -88



MAT 3922

(n, α) Levels
293 Kelvin Cross Sections

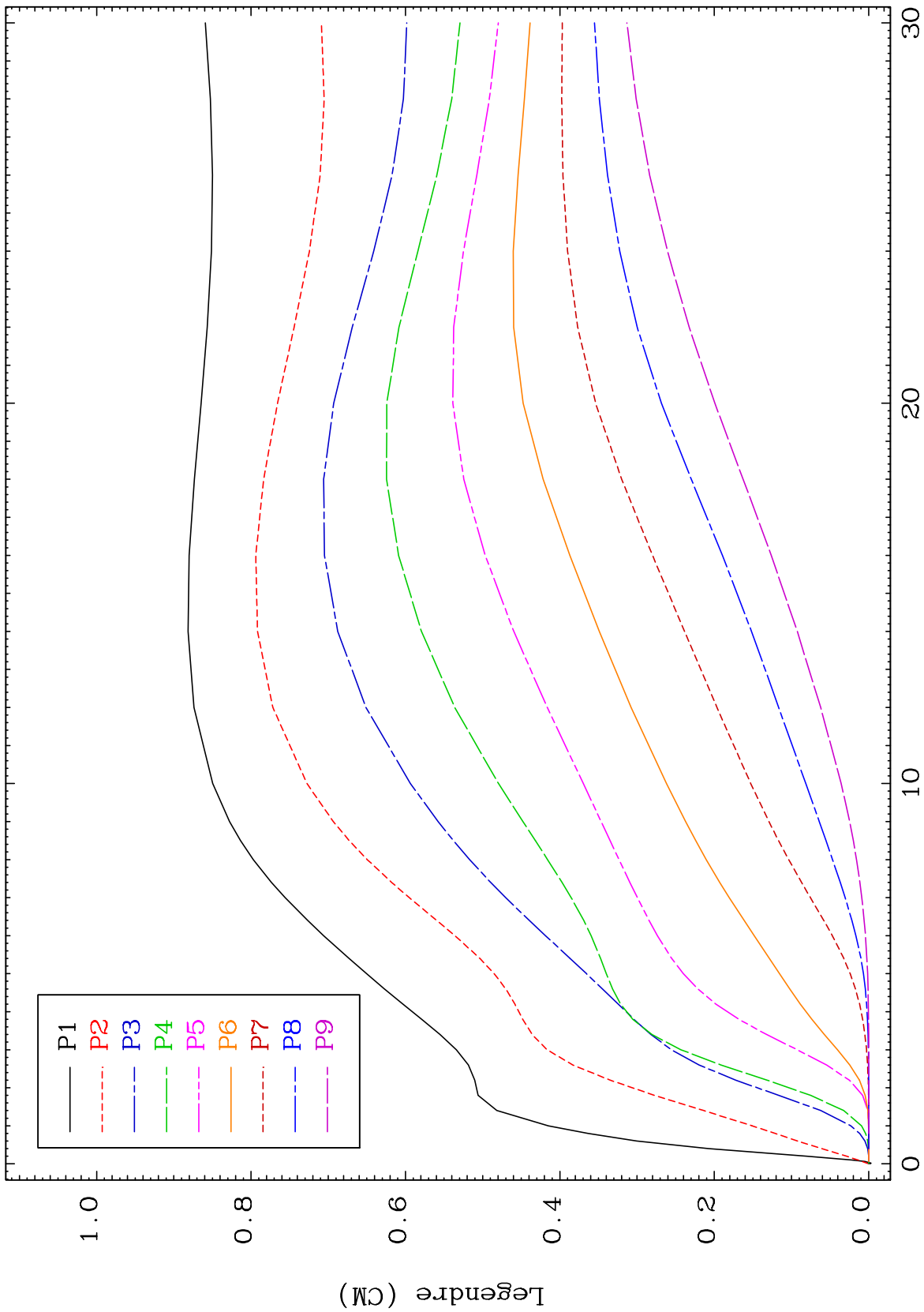
39-Y -88



MAT 3922

Elastic Legendre Coefficients

39-Y -88



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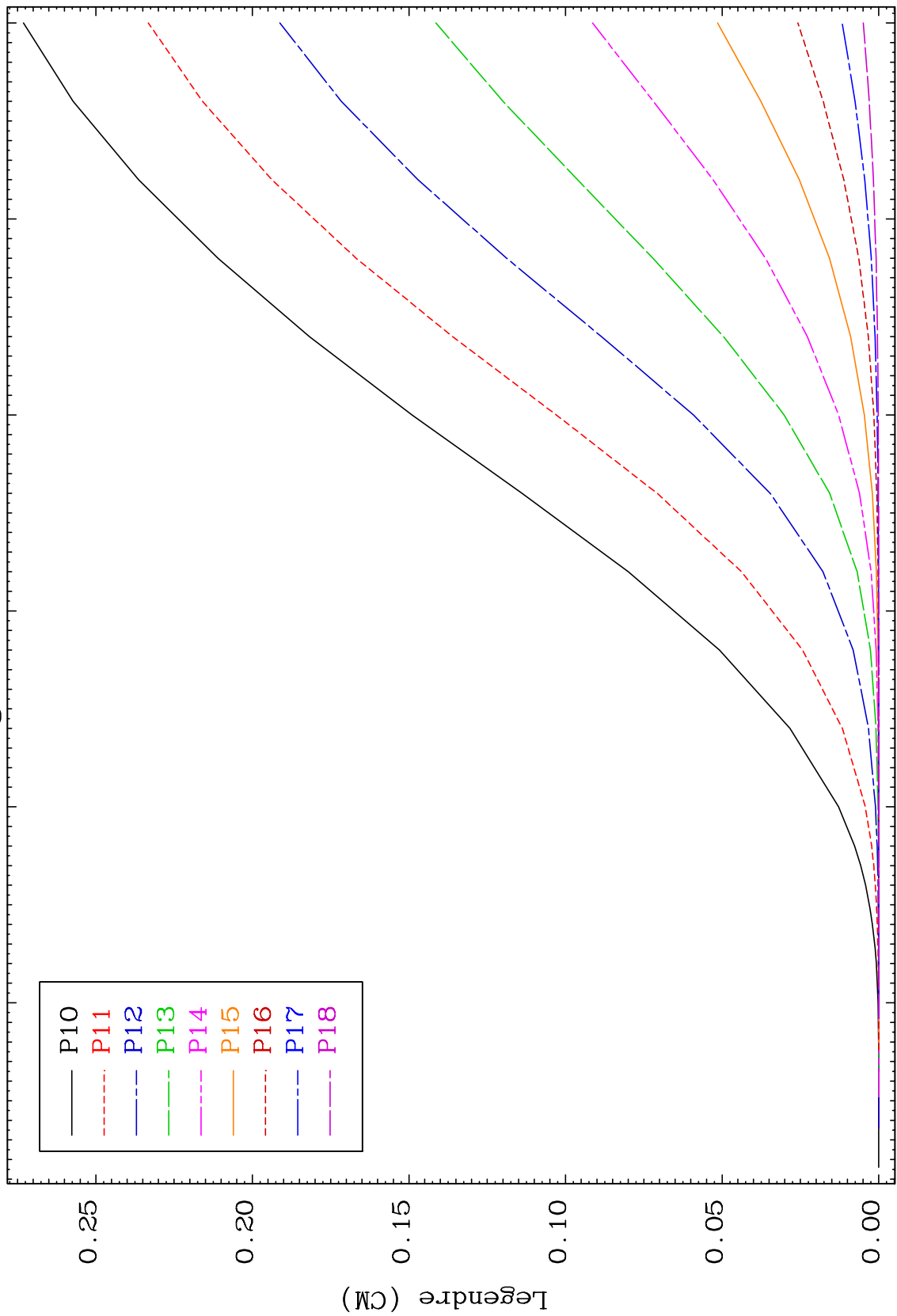
Incident Energy (MeV)

39-Y -88

MAT 3922

Elastic Legendre Coefficients

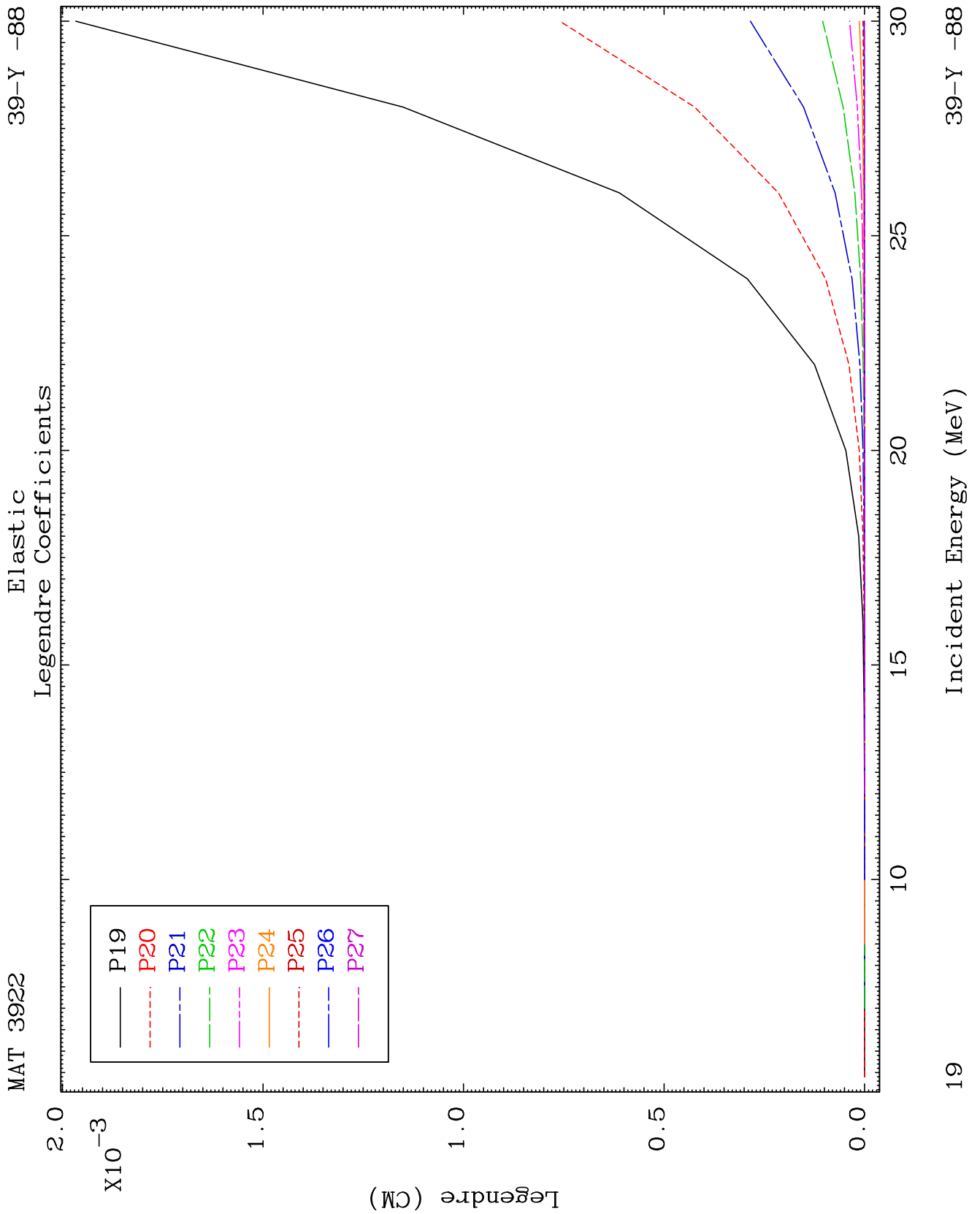
39-Y -88



18

Incident Energy (MeV)

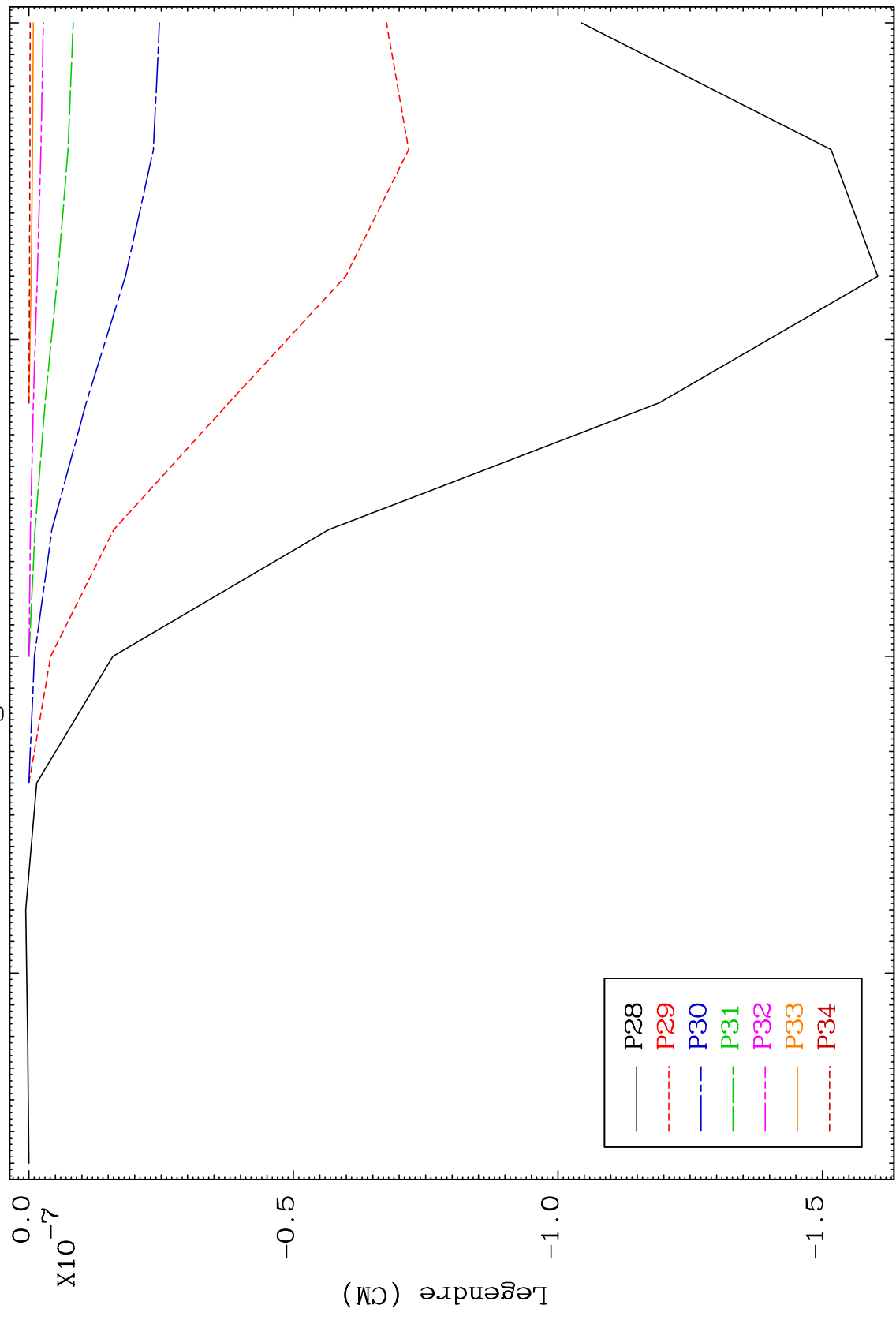
39-Y -88



MAT 3922

39-Y -88

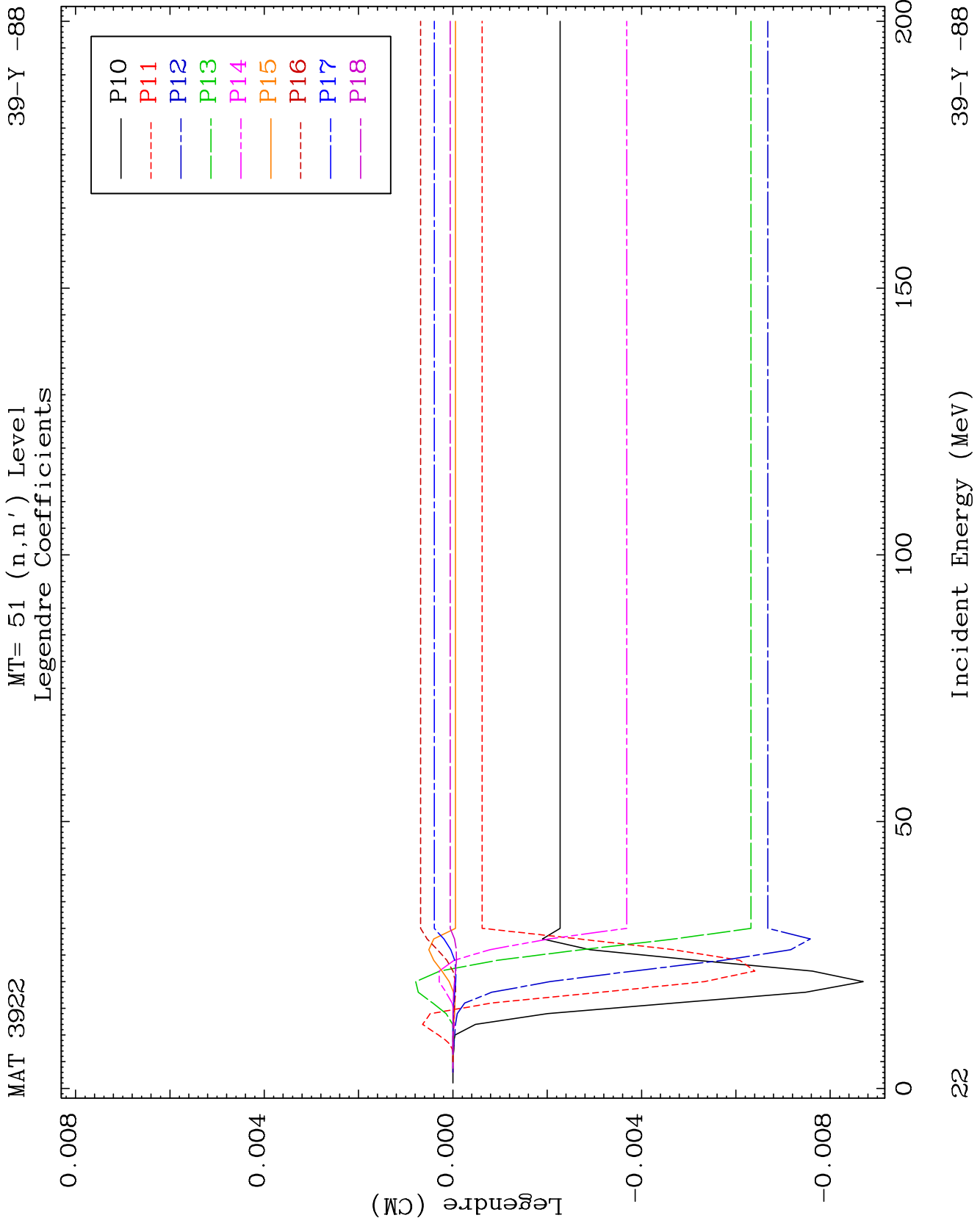
Elastic Legendre Coefficients



20

Incident Energy (MeV)

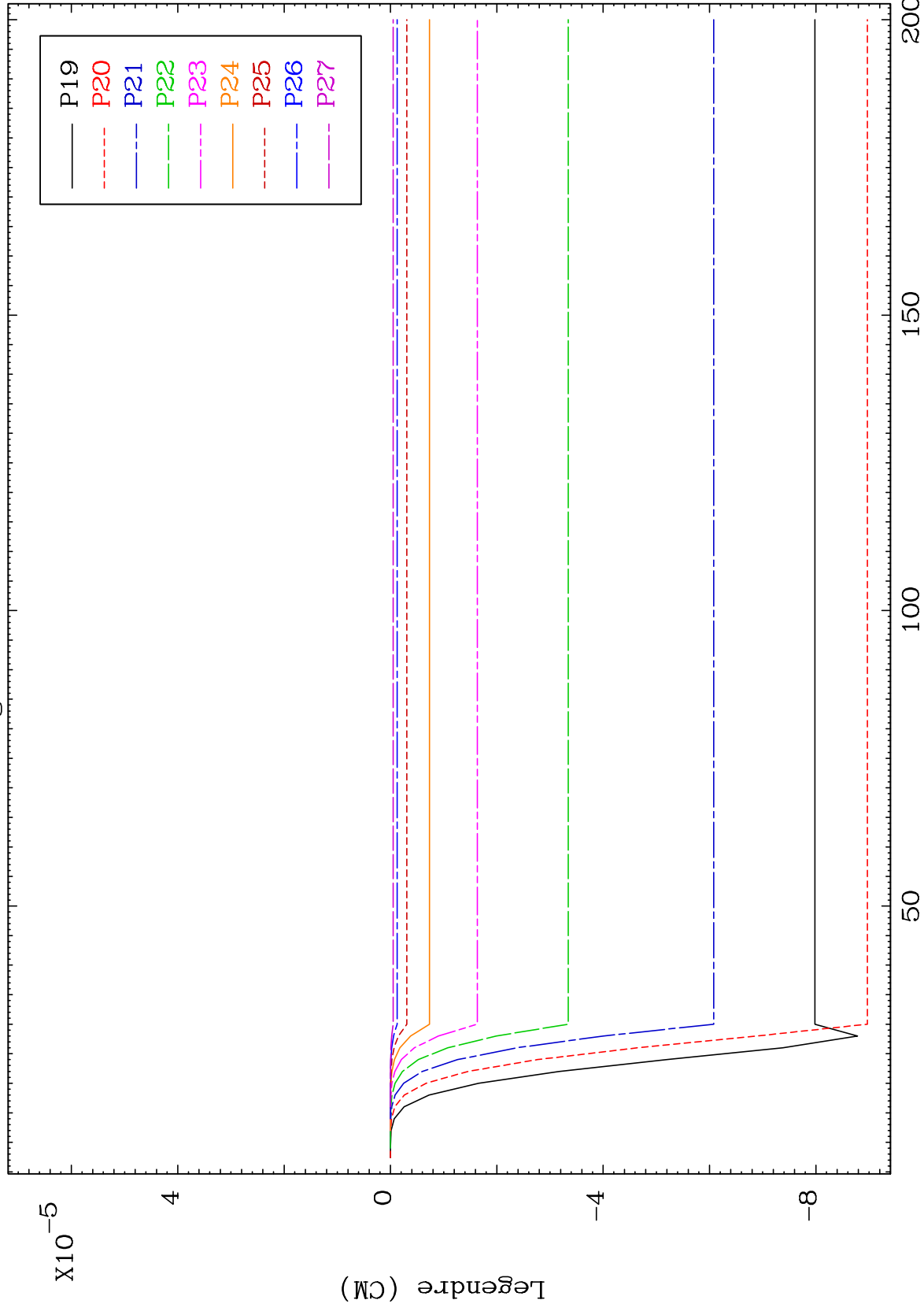
39-Y -88



MAT 3922

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

39-Y -88

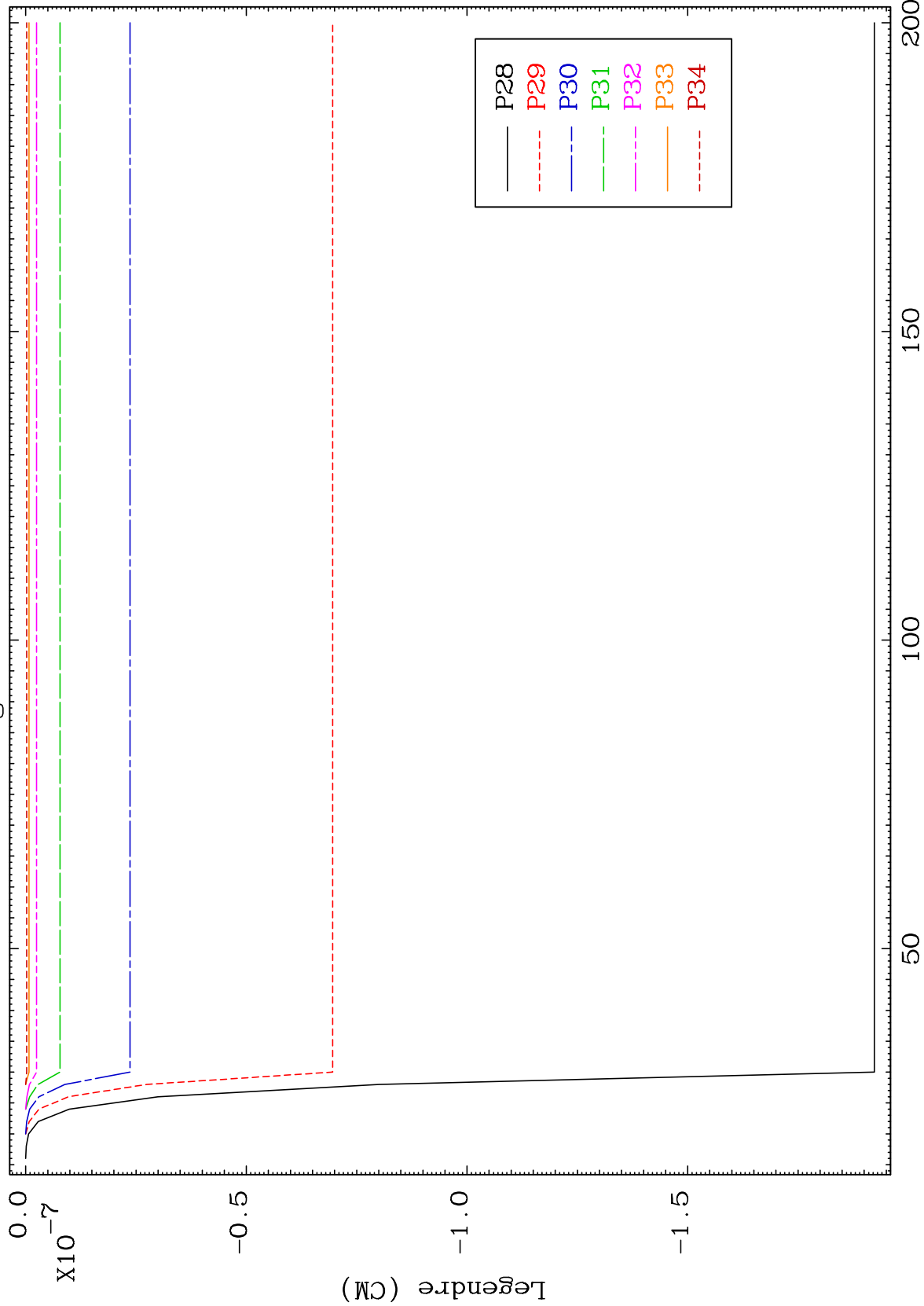


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Incident Energy (MeV)

39-Y -88

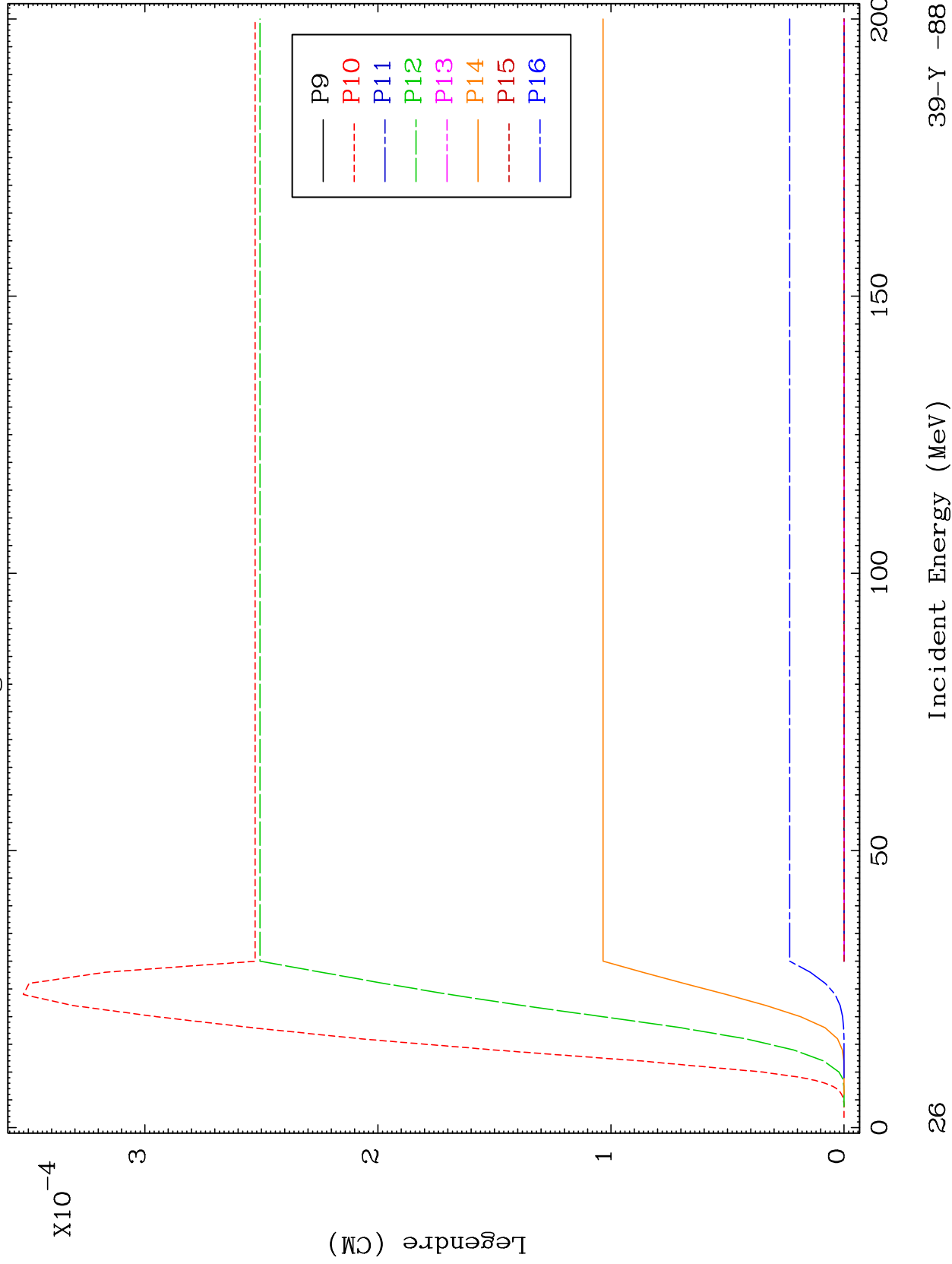
Legendre Coefficients



MAT 3922

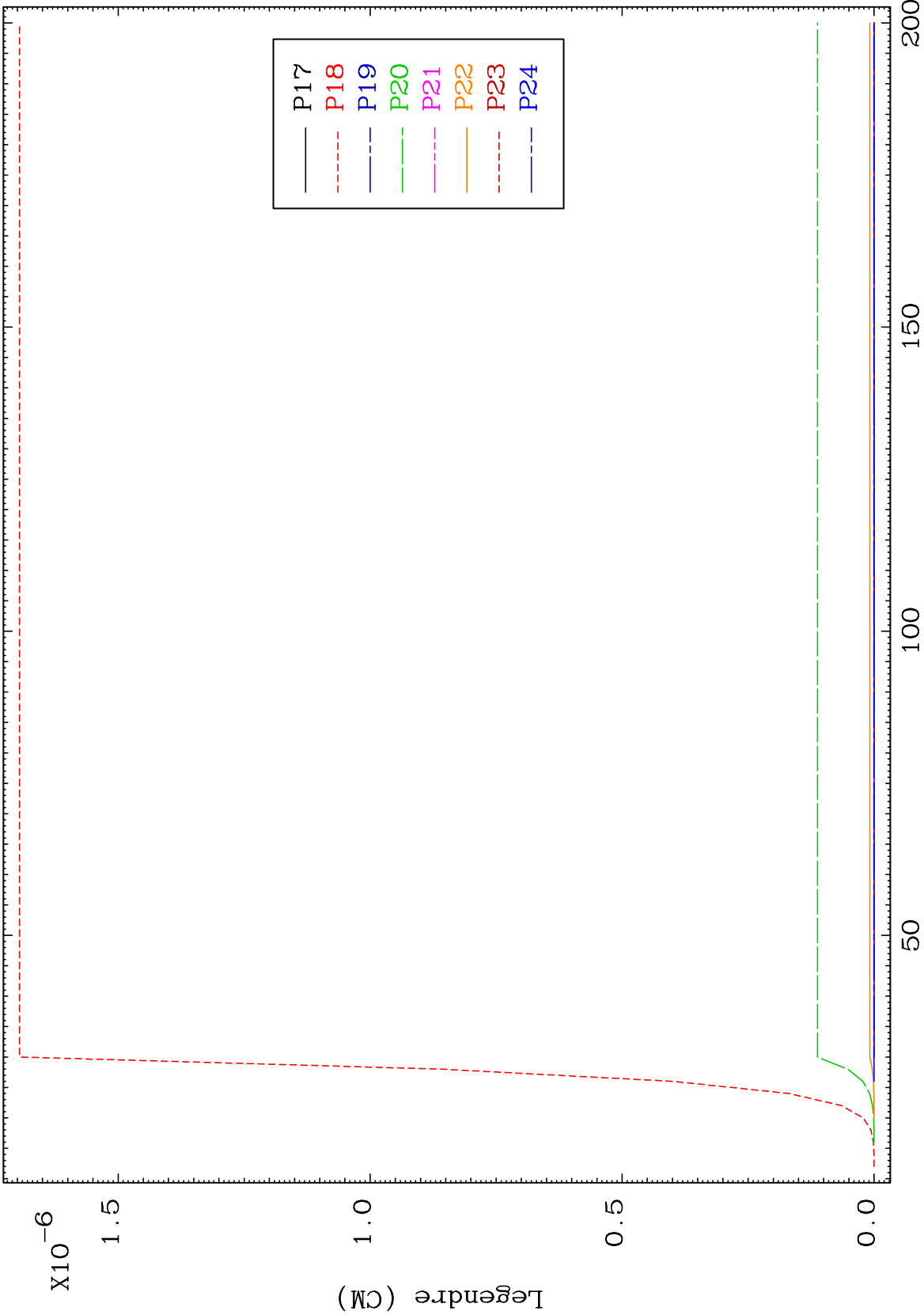
MT= 52 (n,n') Level
Legendre Coefficients

39-Y -88



MAT 3922 MT= 52 (n,n') Level 39-Y -88

Legendre Coefficients

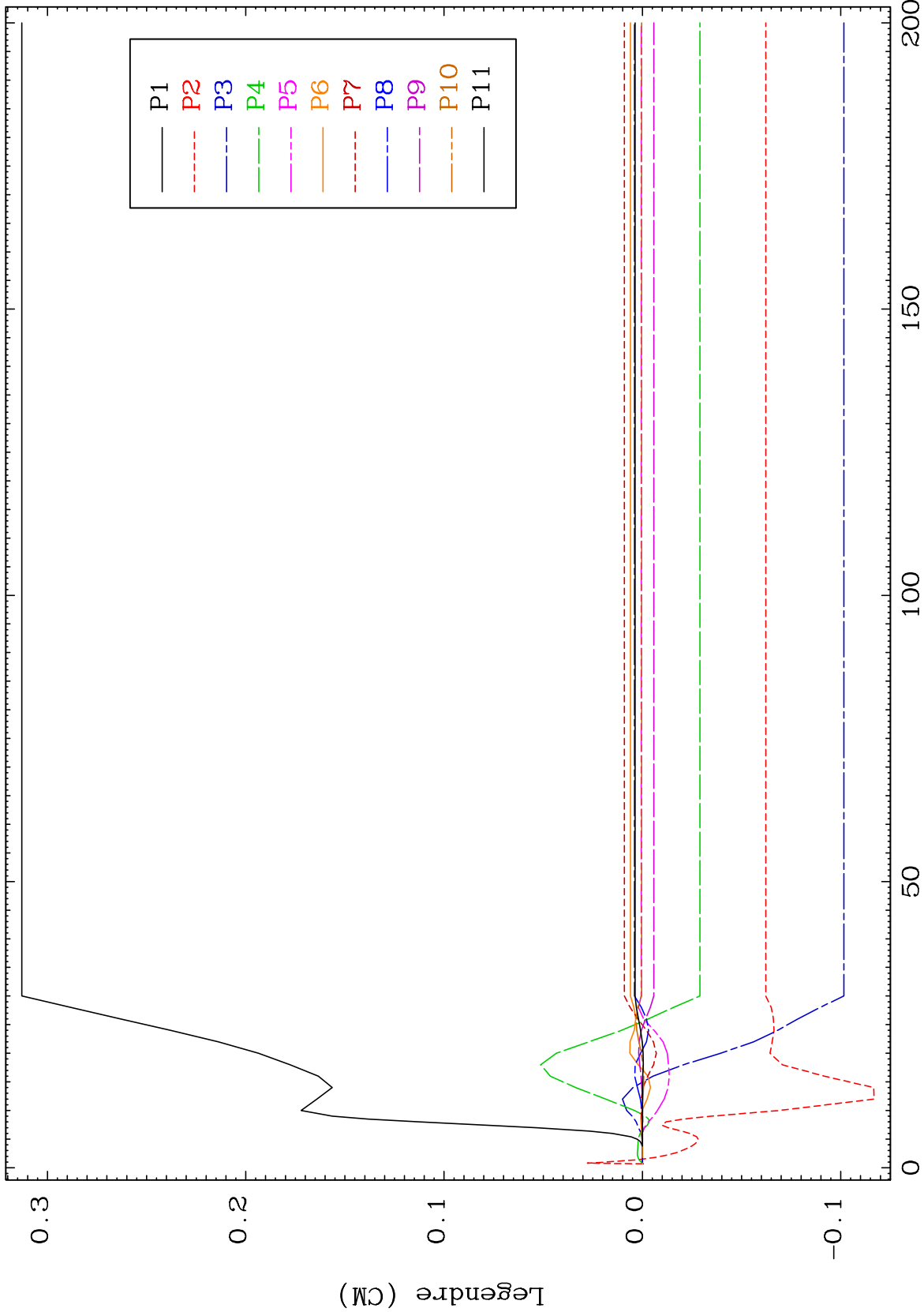


27 39-Y -88

MAT 3922

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

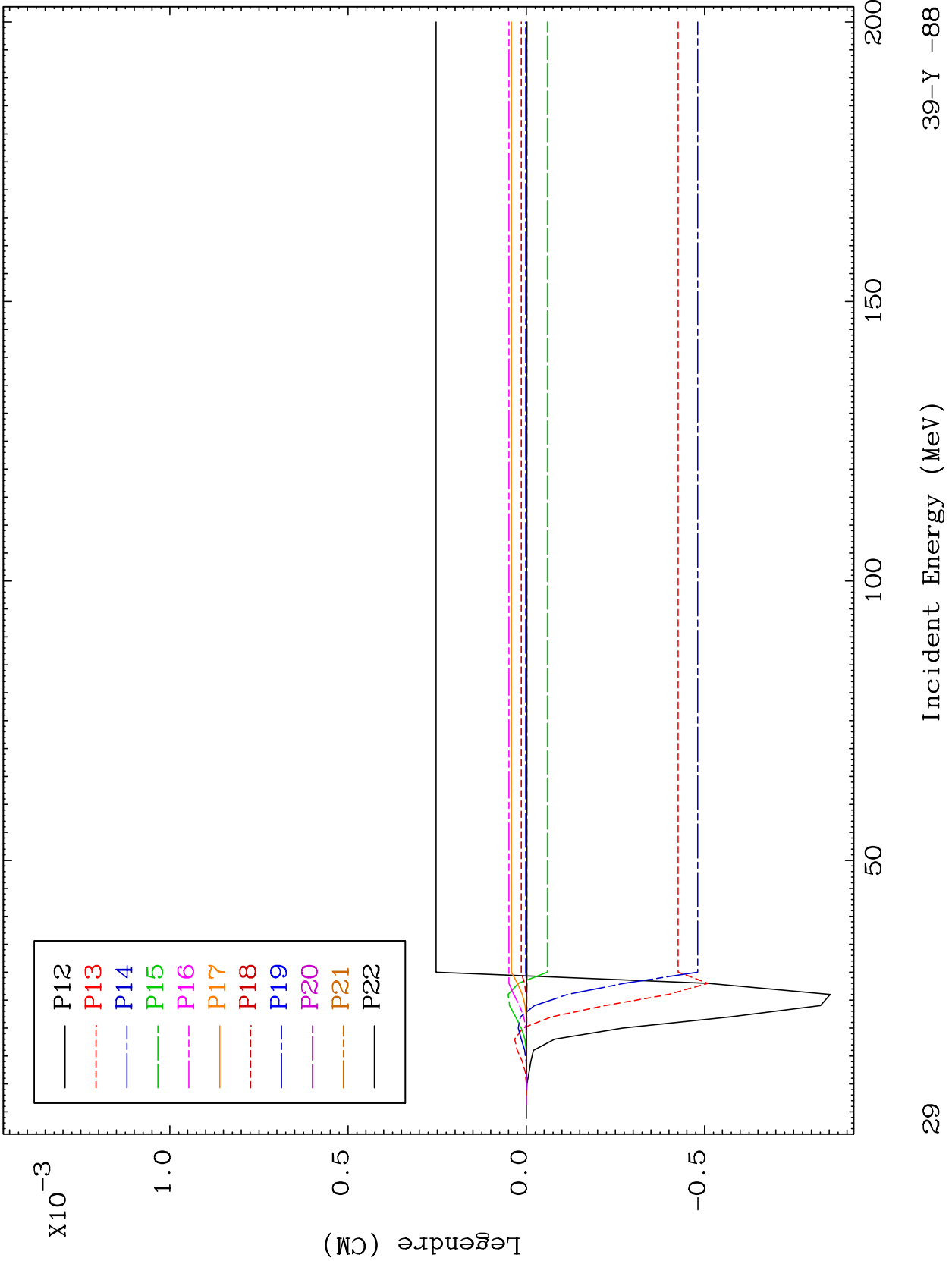
39-Y -88



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Incident Energy (MeV)

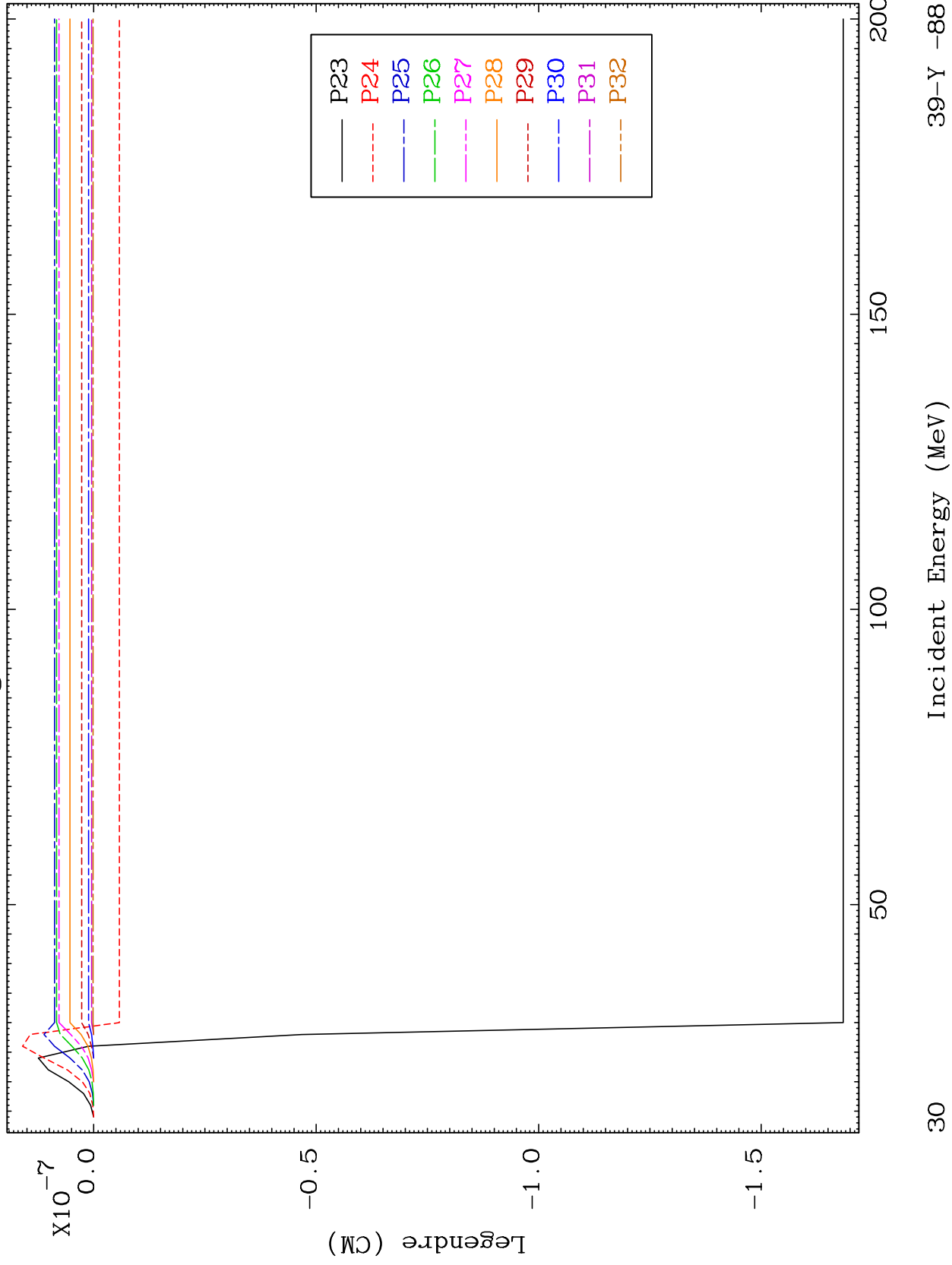
39-Y -88



MAT 3922

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

39-Y -88



30

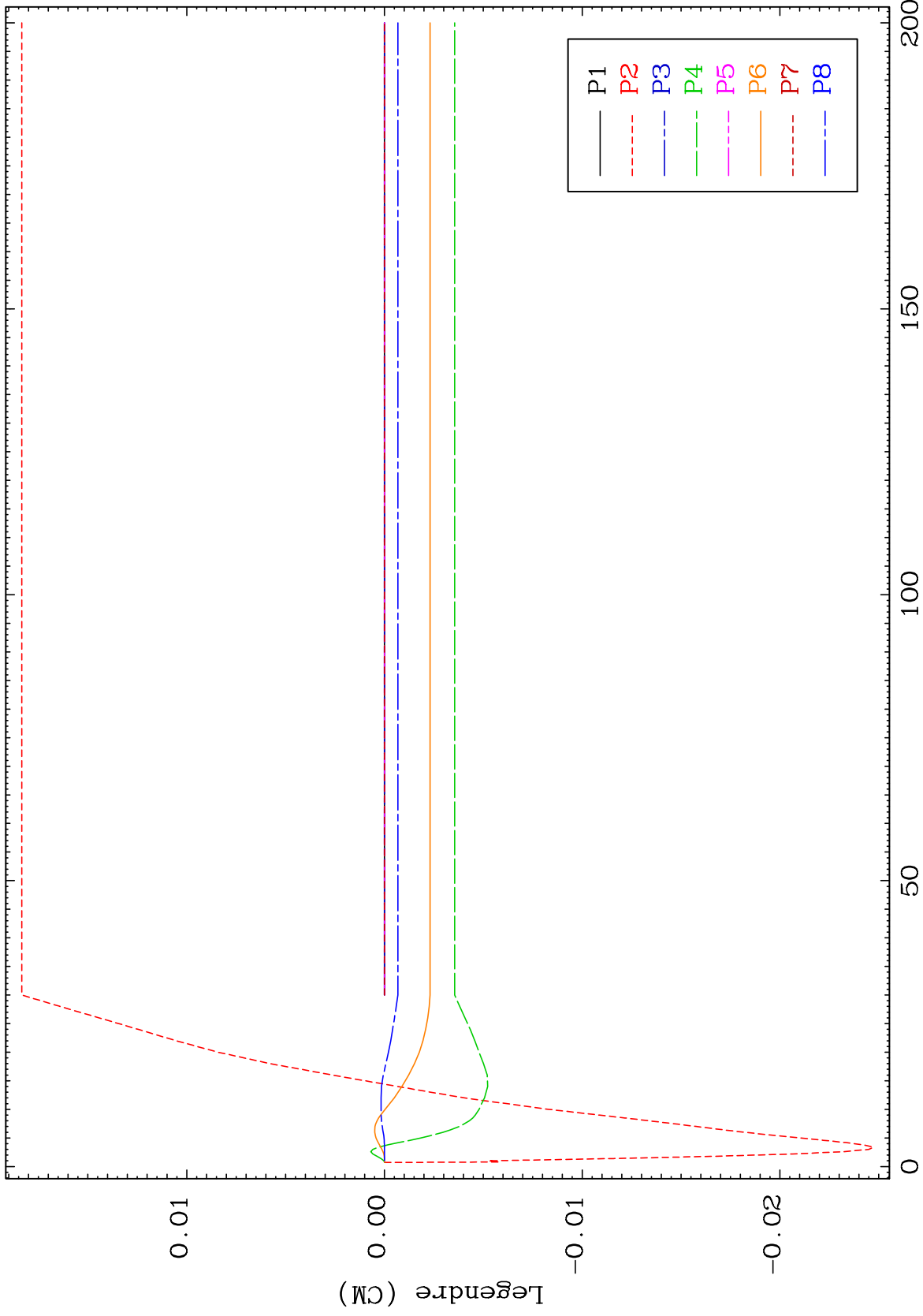
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88



31

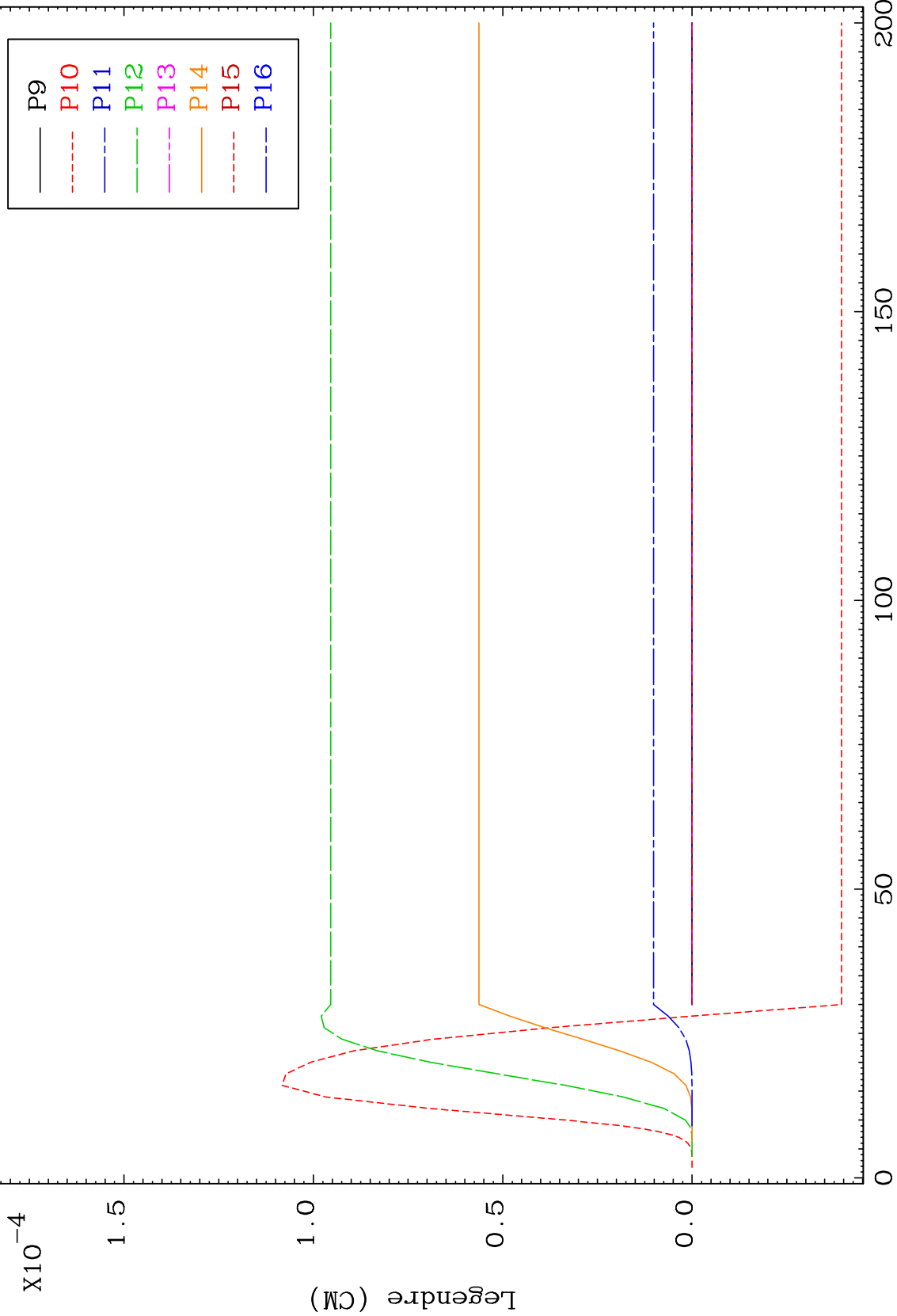
Incident Energy (MeV)

39-Y -88

MAT 3922

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

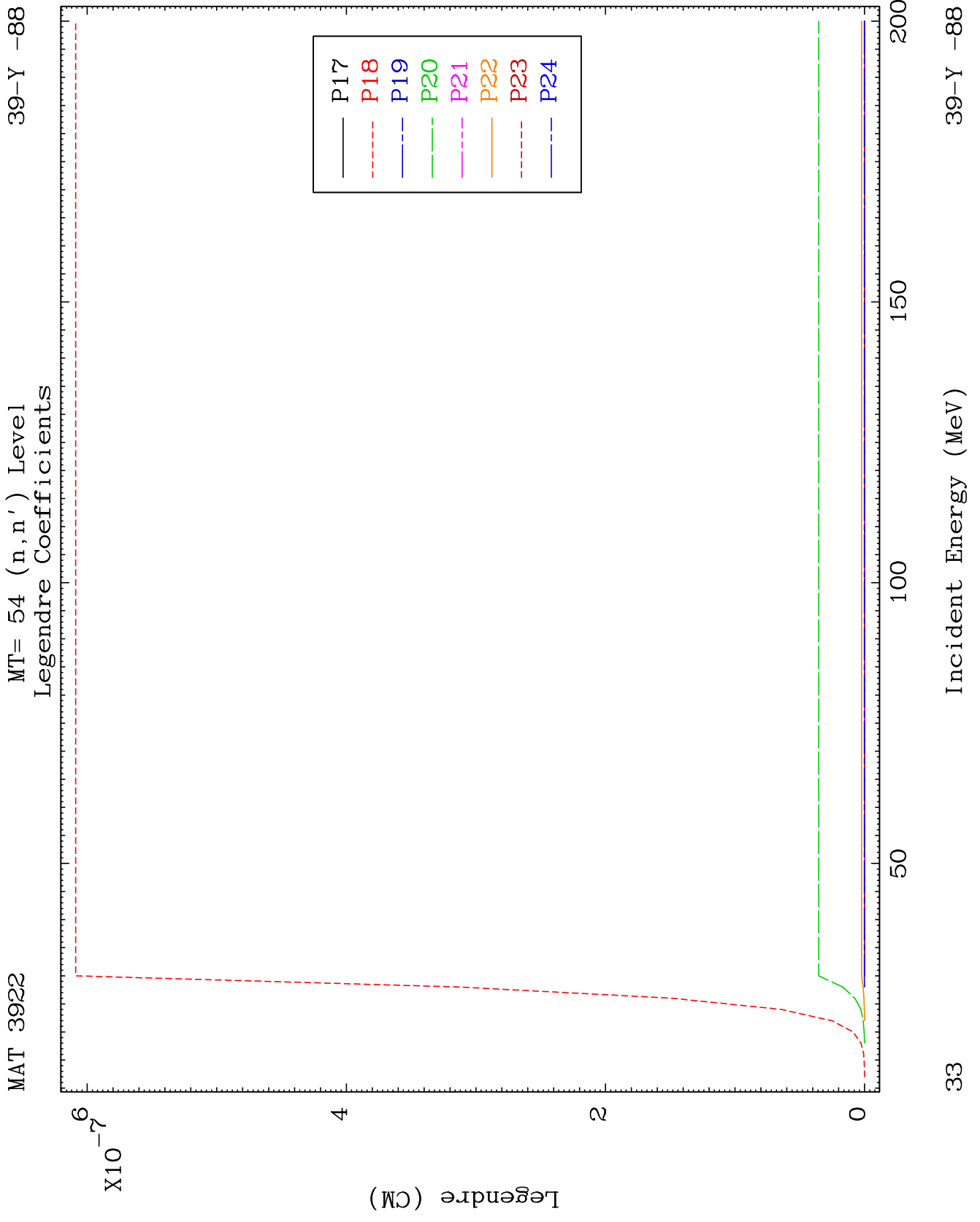
39-Y -88



32

Incident Energy (MeV)

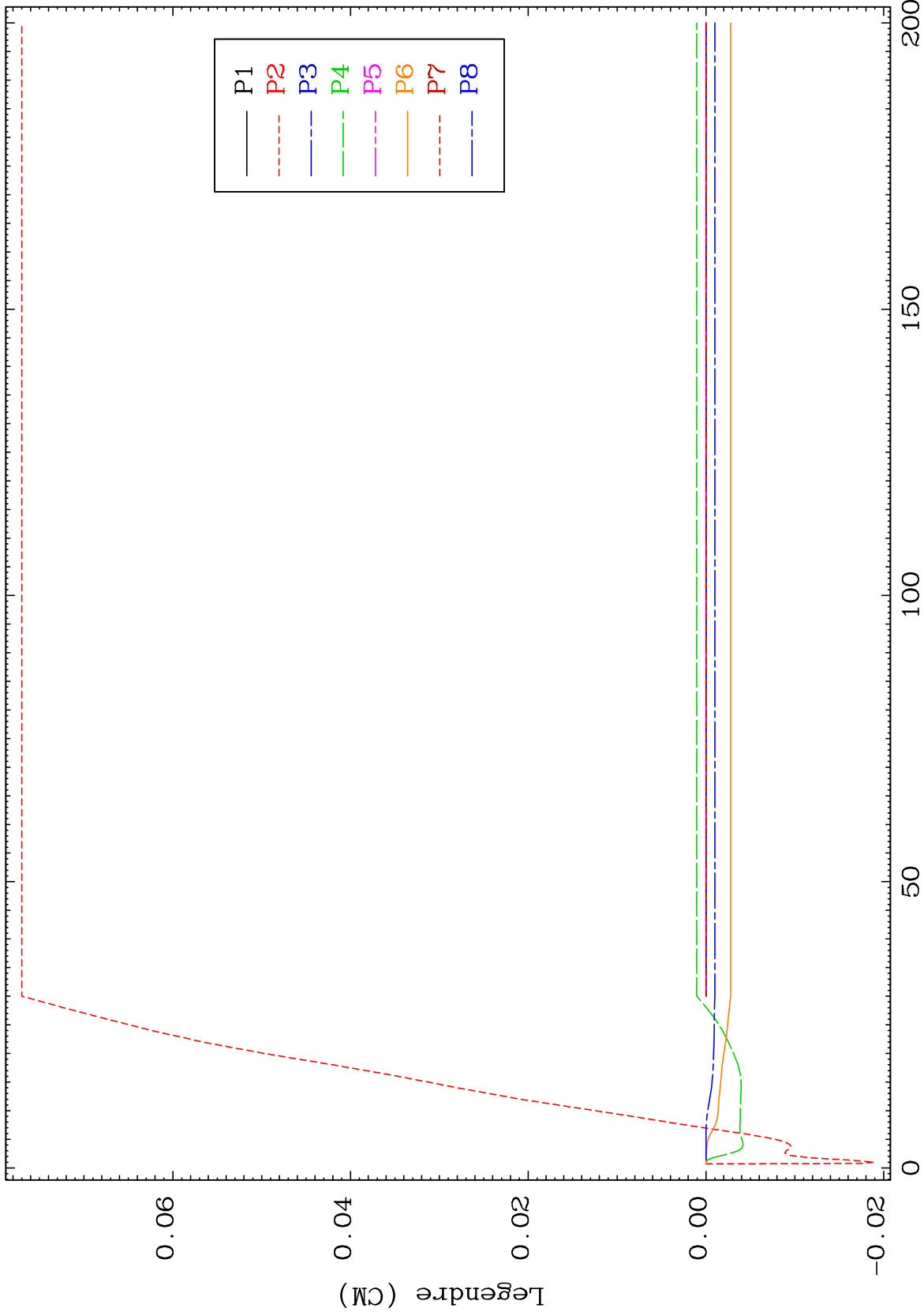
39-Y -88



MAT 3922

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

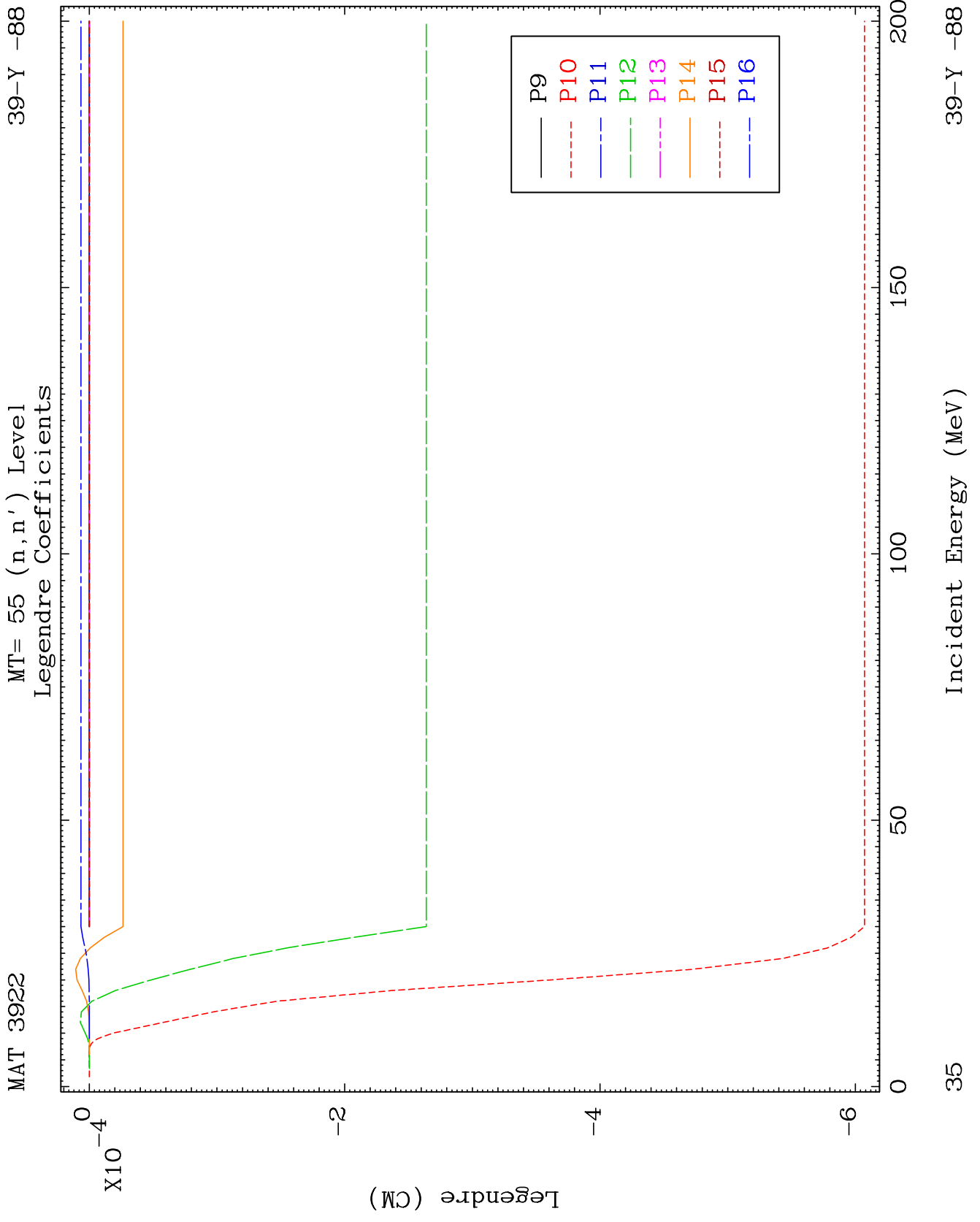
39-Y -88

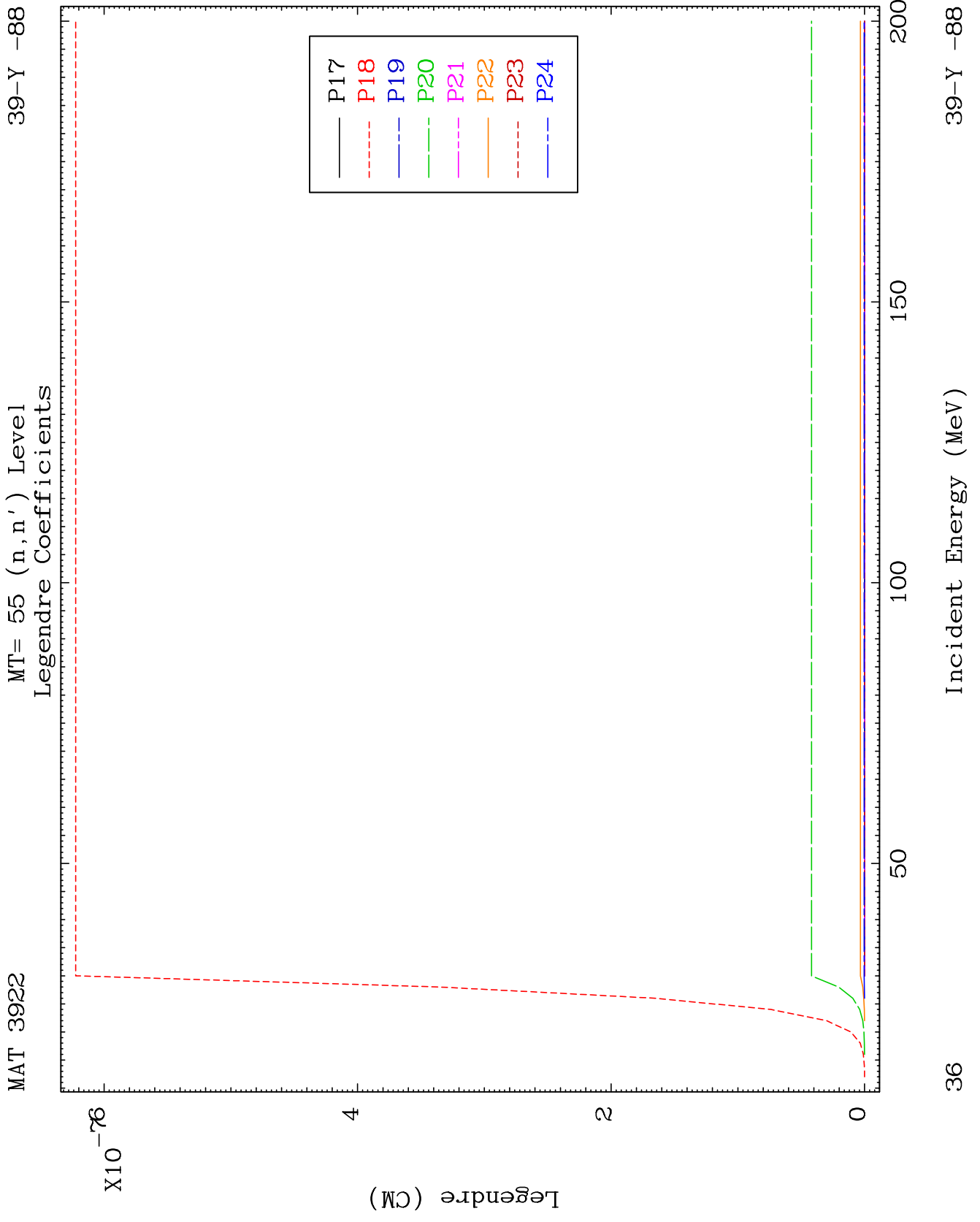


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Incident Energy (MeV)

39-Y -88

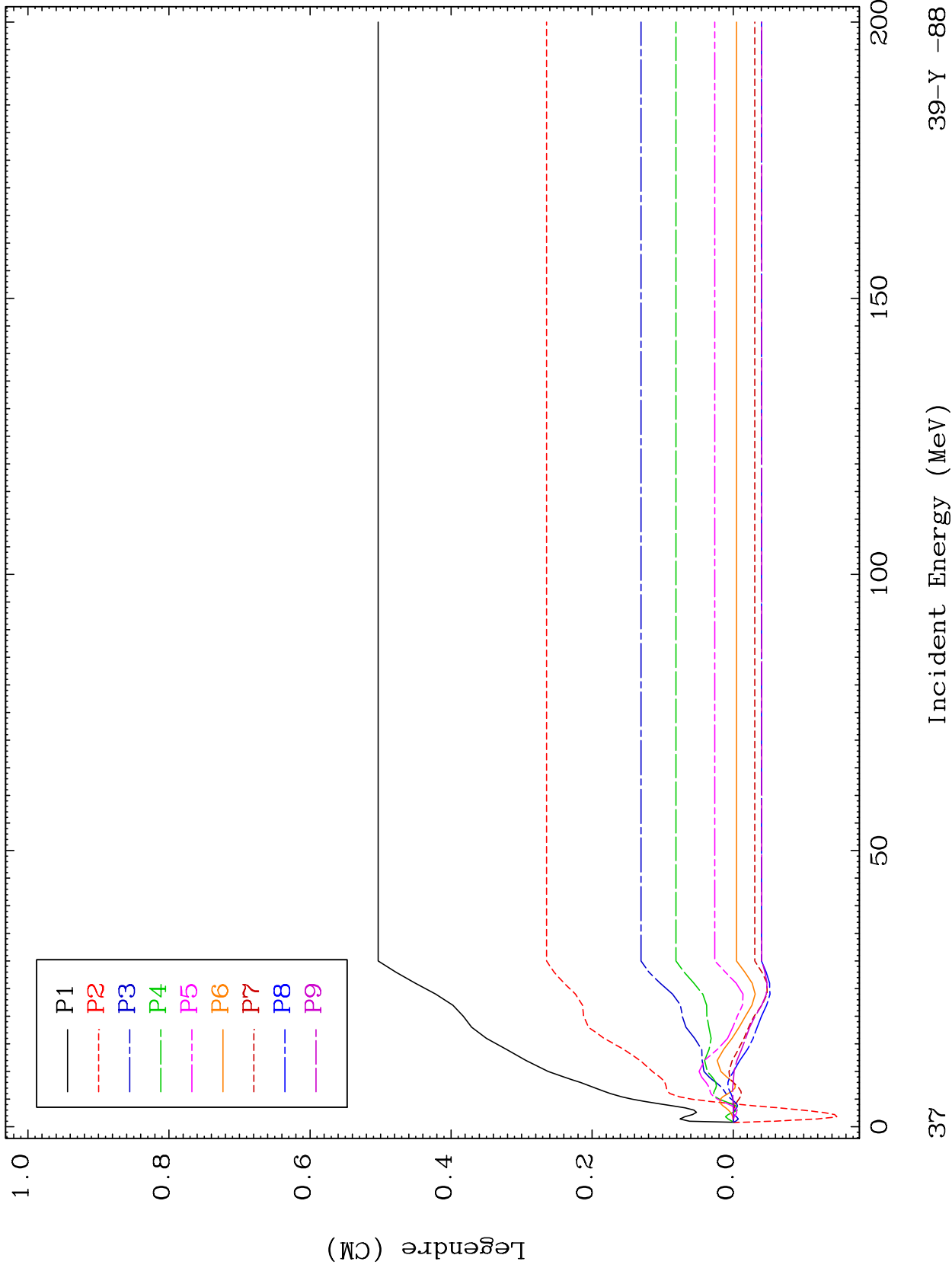




MAT 3922

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

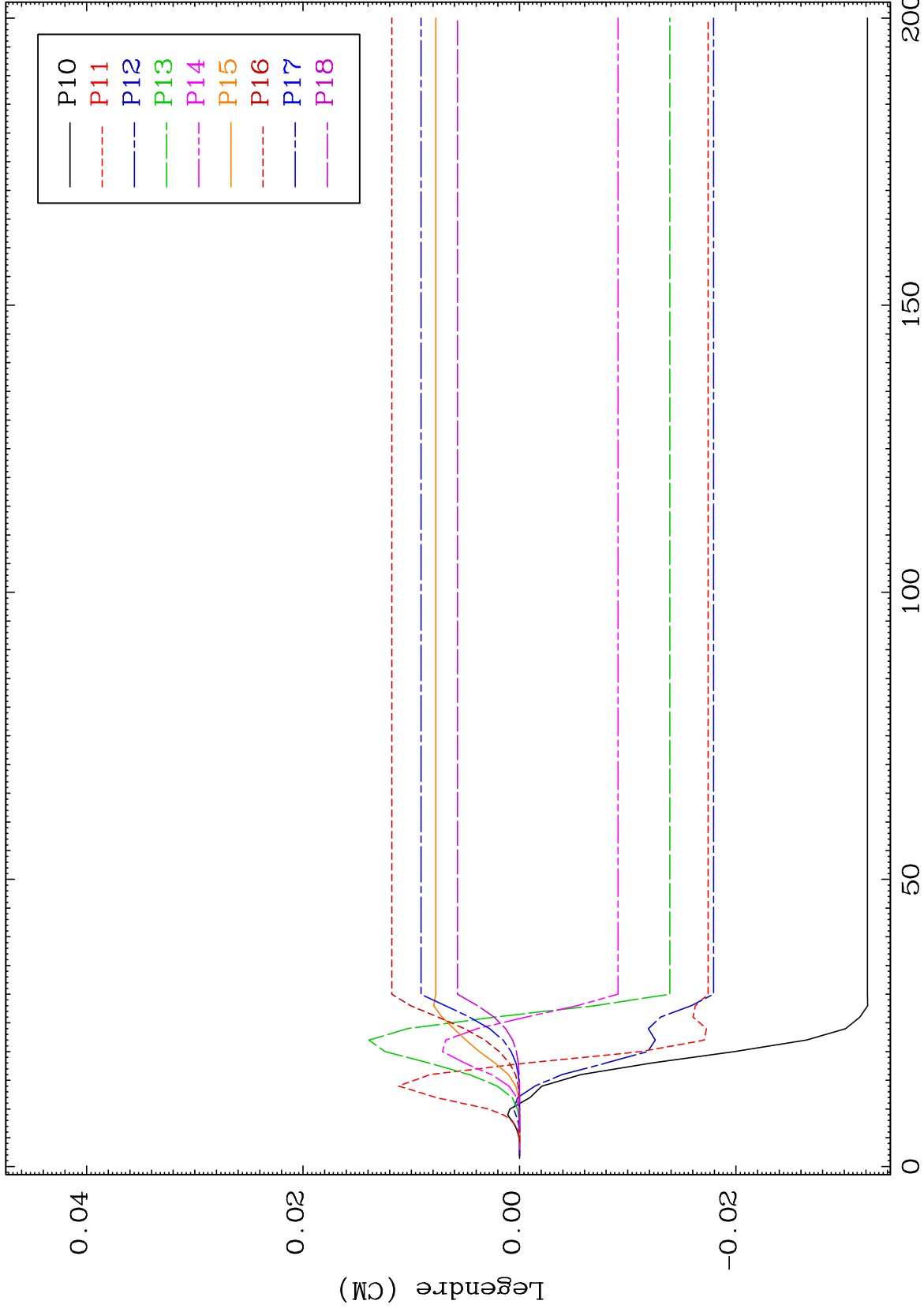
39-Y -88



MAT 3922

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

39-Y -88



38

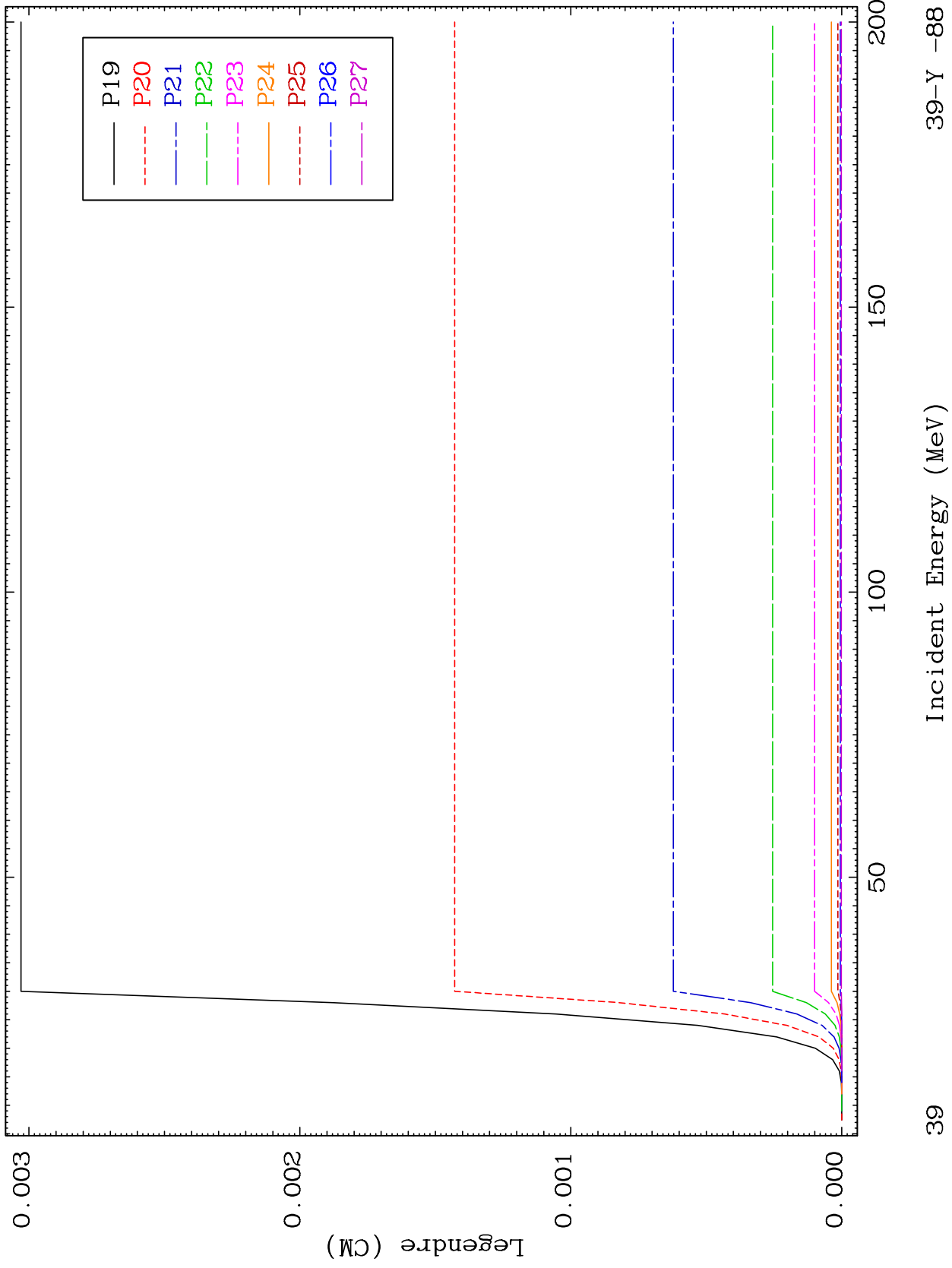
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88



39

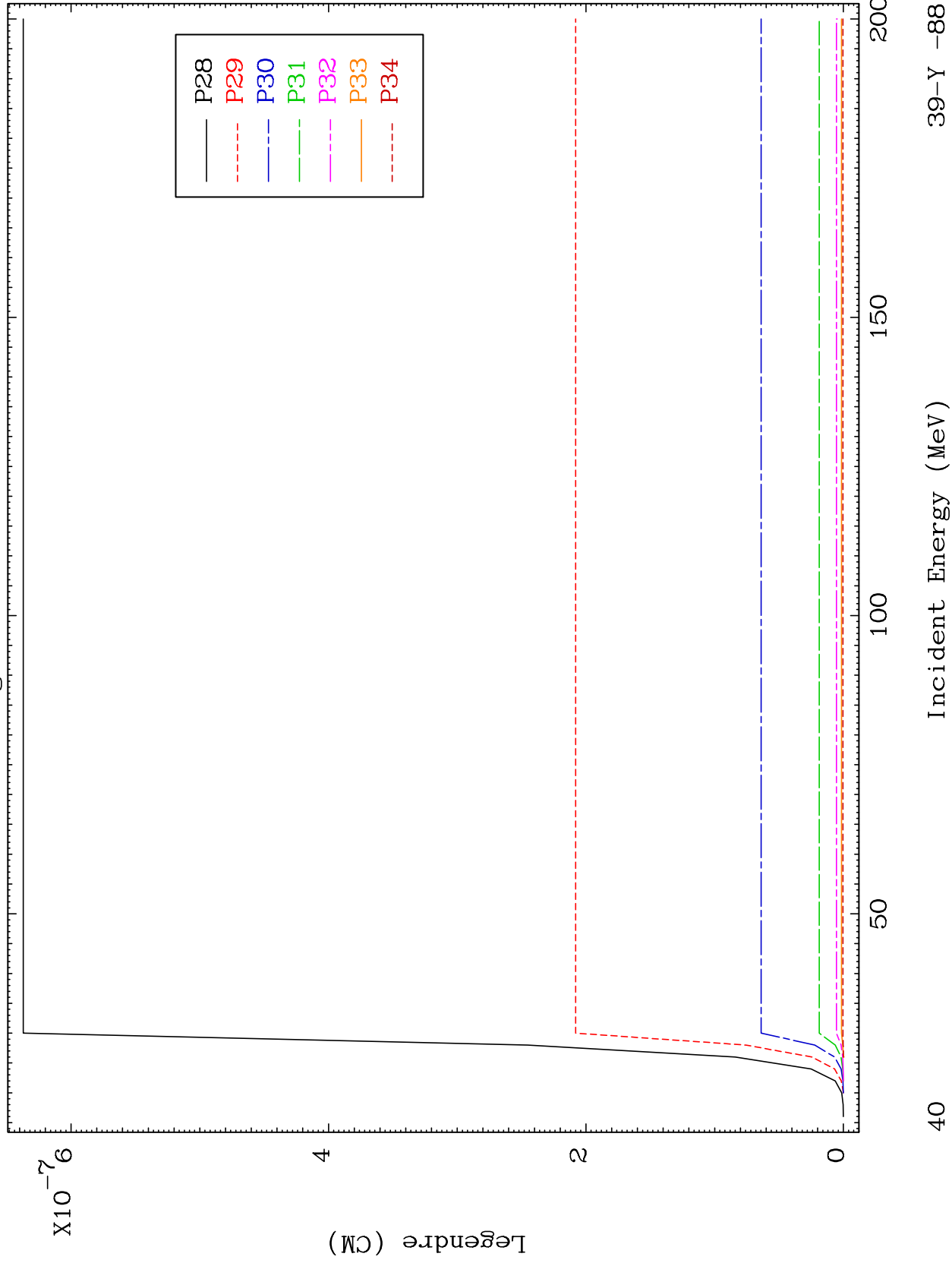
Incident Energy (MeV)

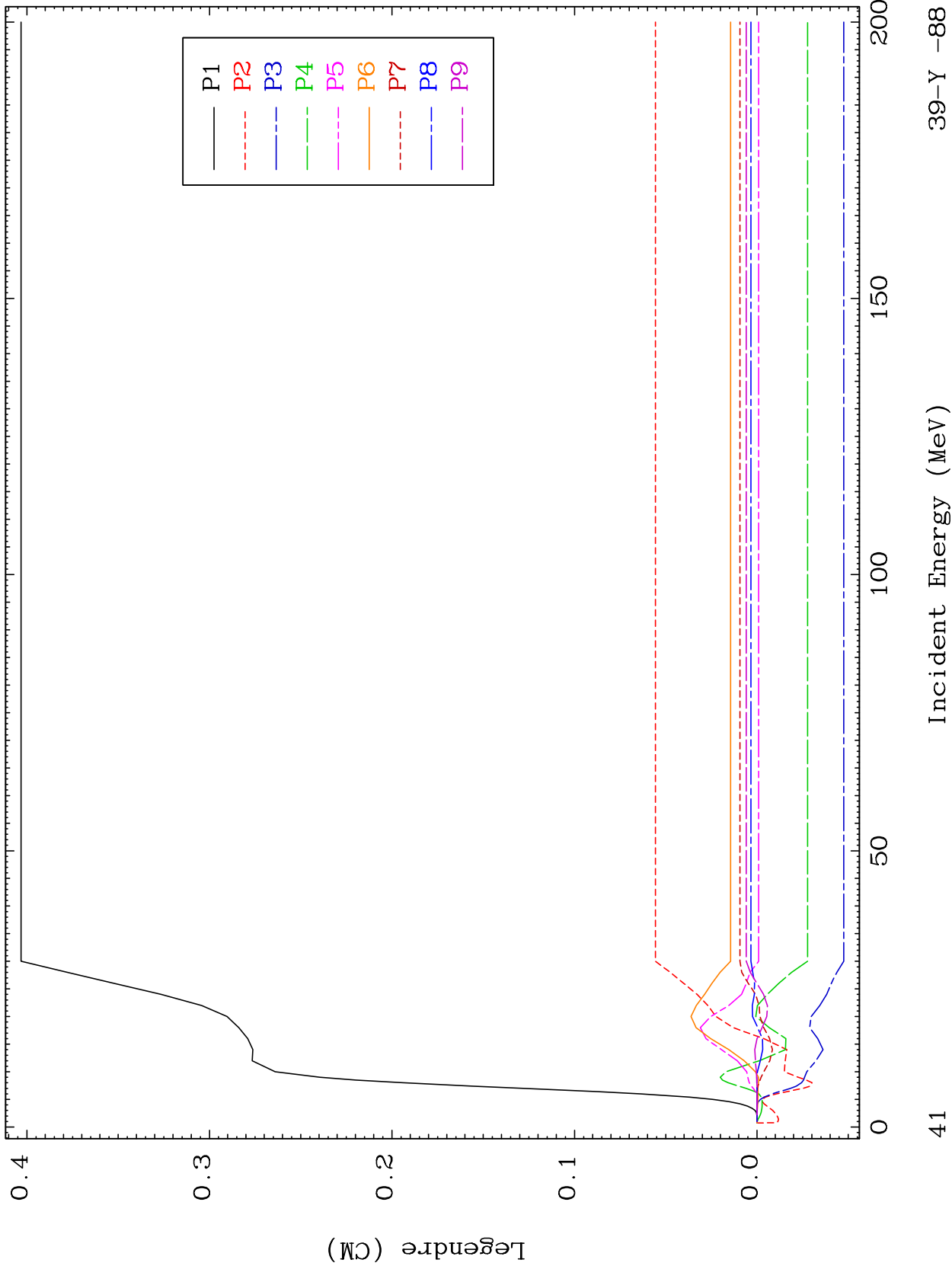
39-Y -88

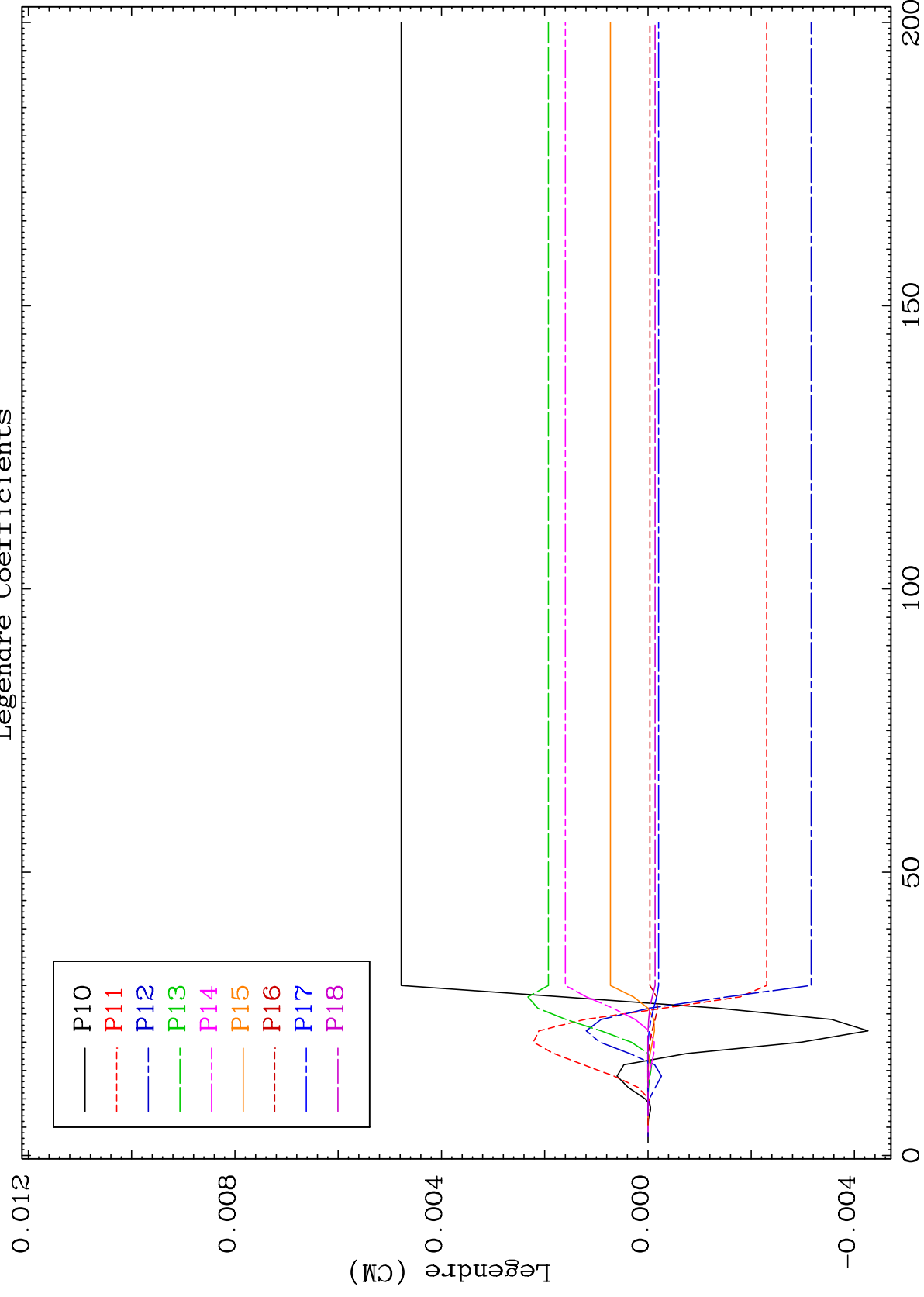
MAT 3922

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

39-Y -88



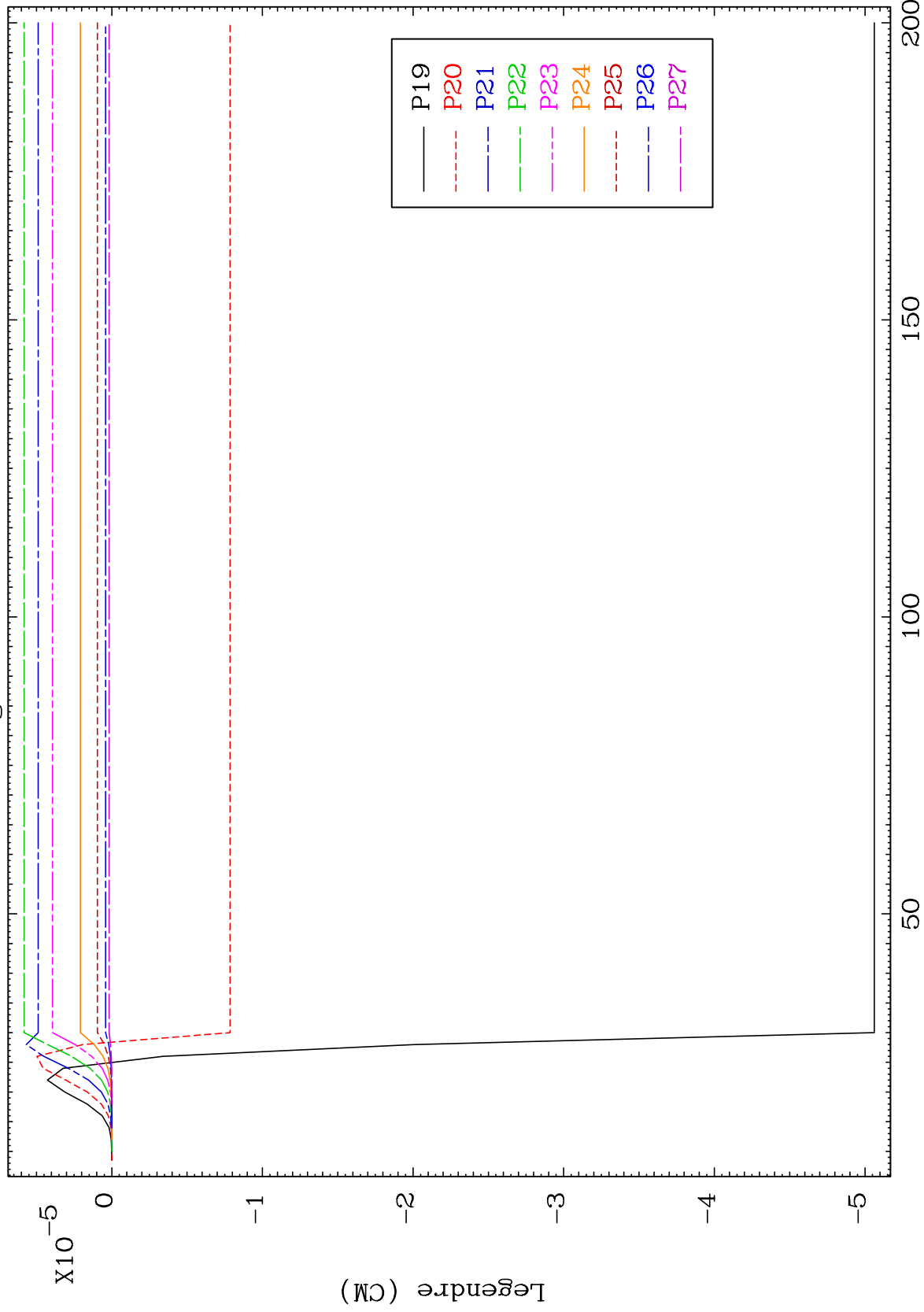




MAT 3922

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

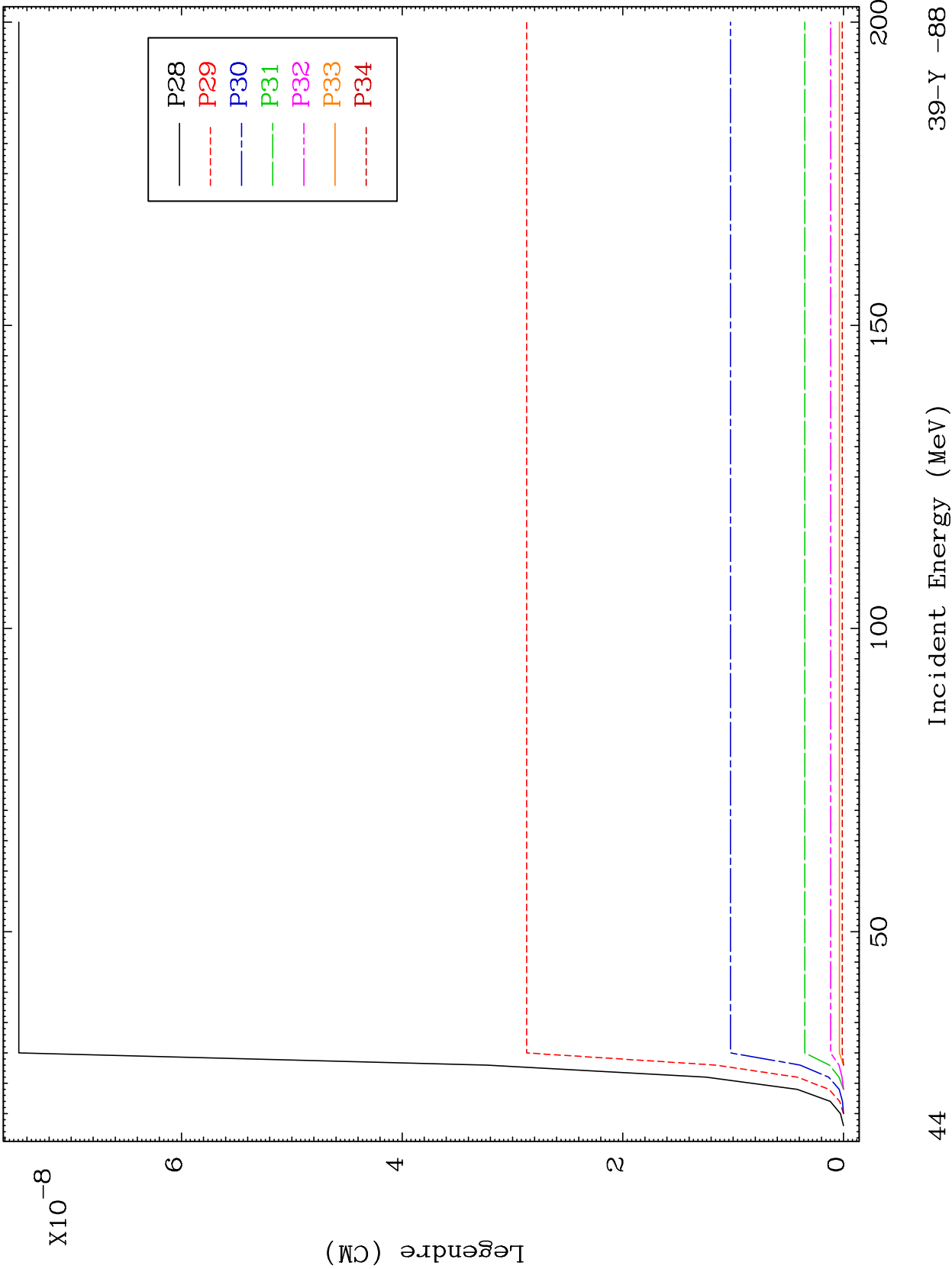
39-Y -88



43

Incident Energy (MeV)

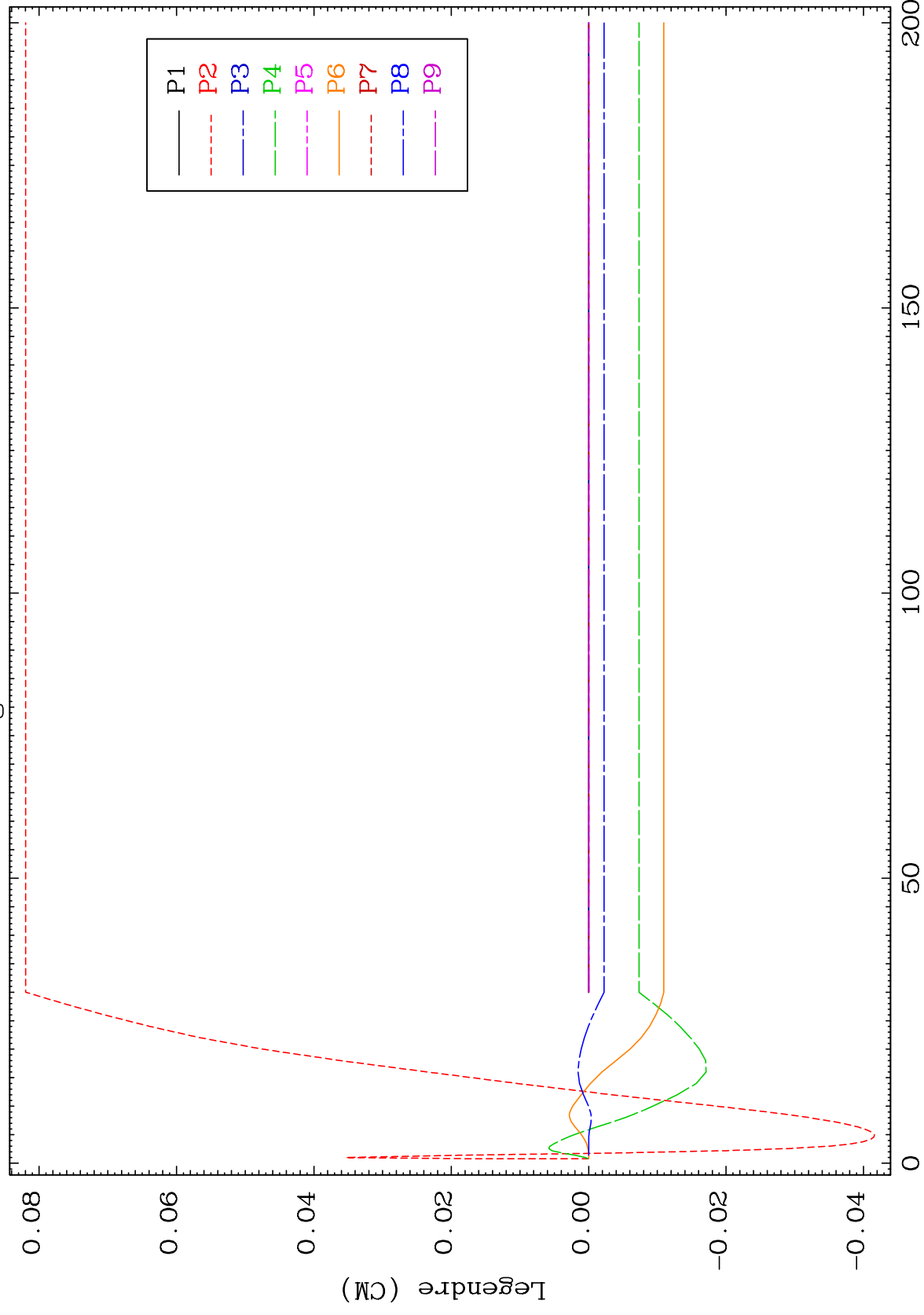
39-Y -88



MAT 3922

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

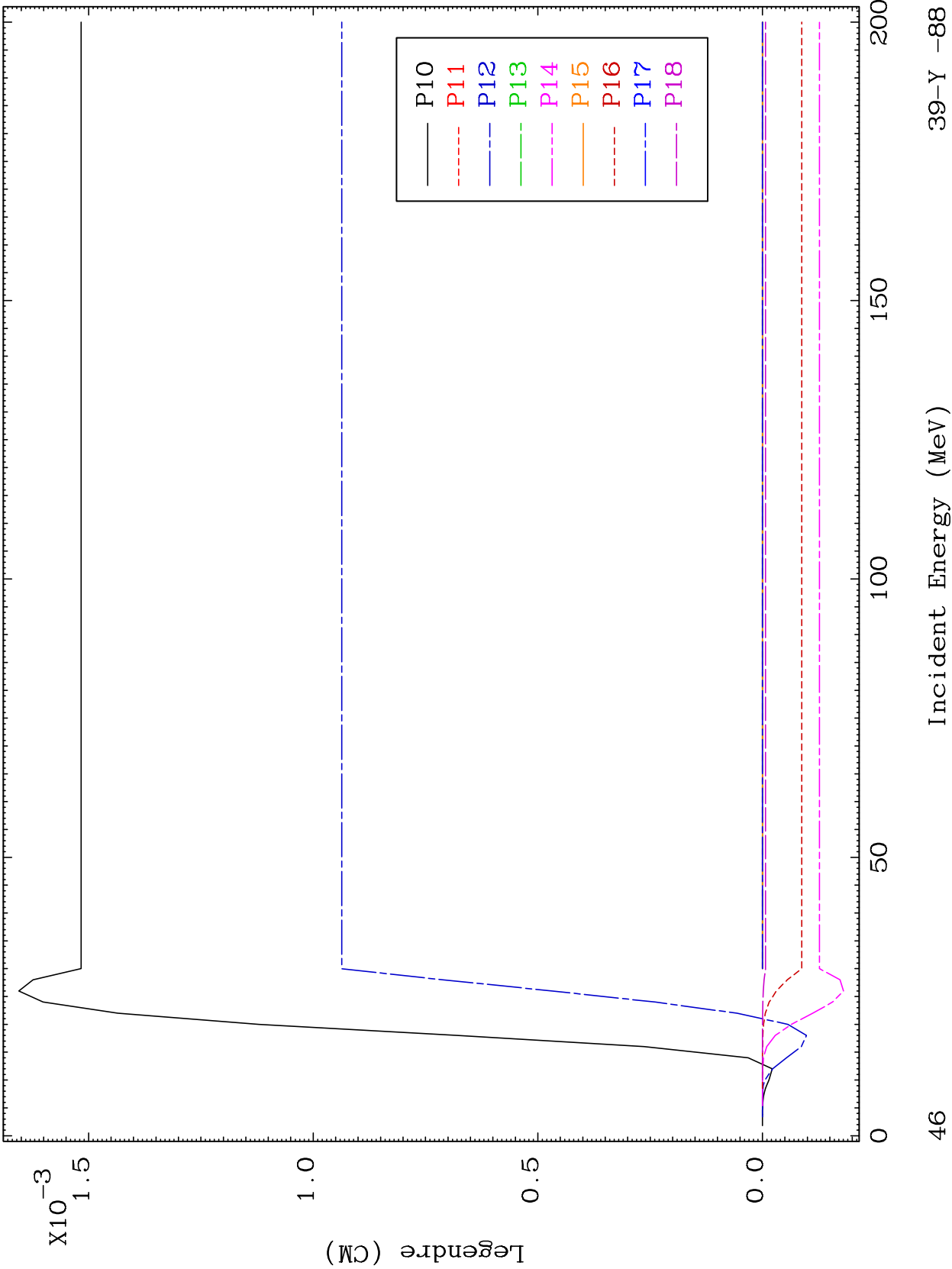
39-Y -88



39-Y -88

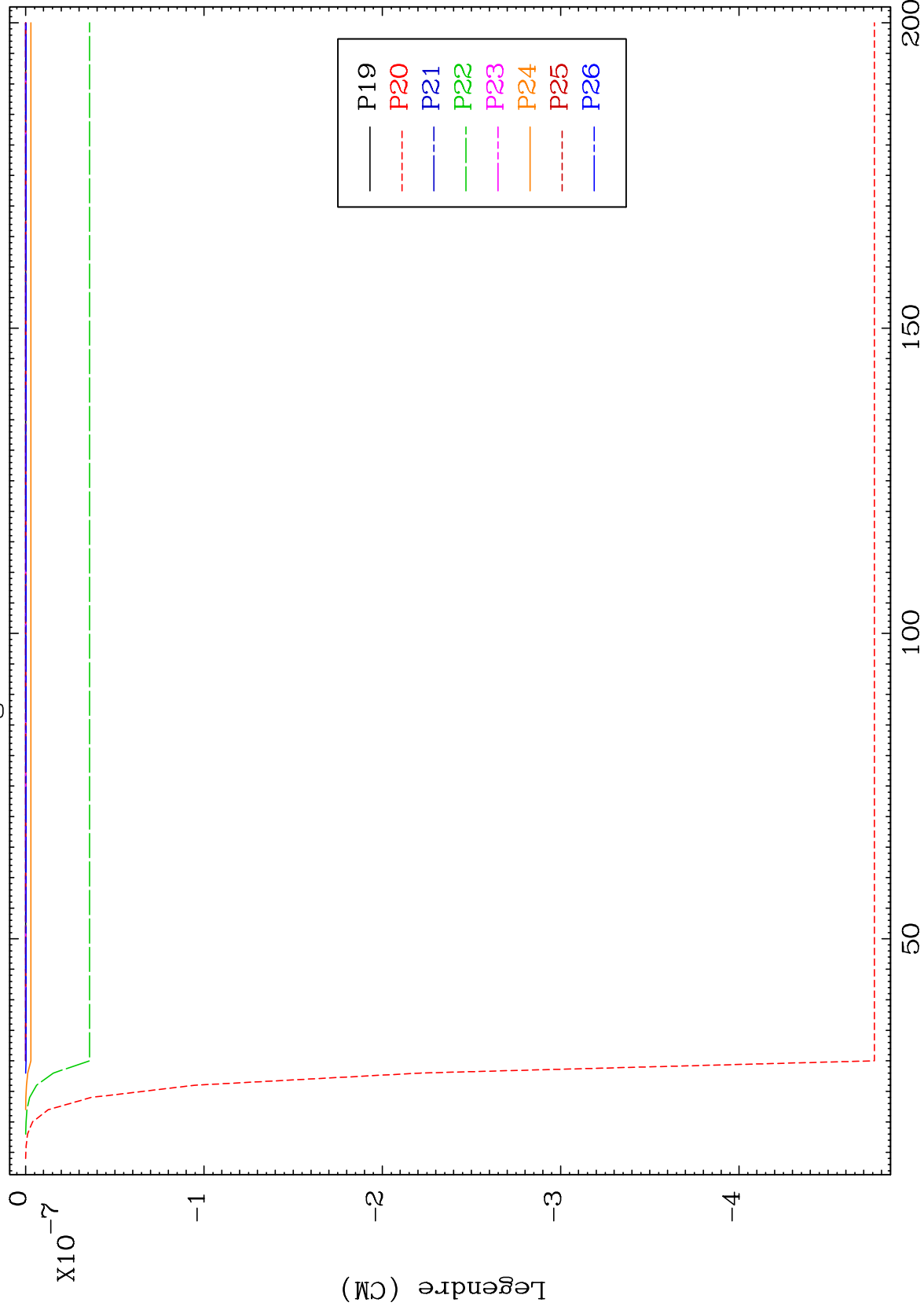
Incident Energy (MeV)

45

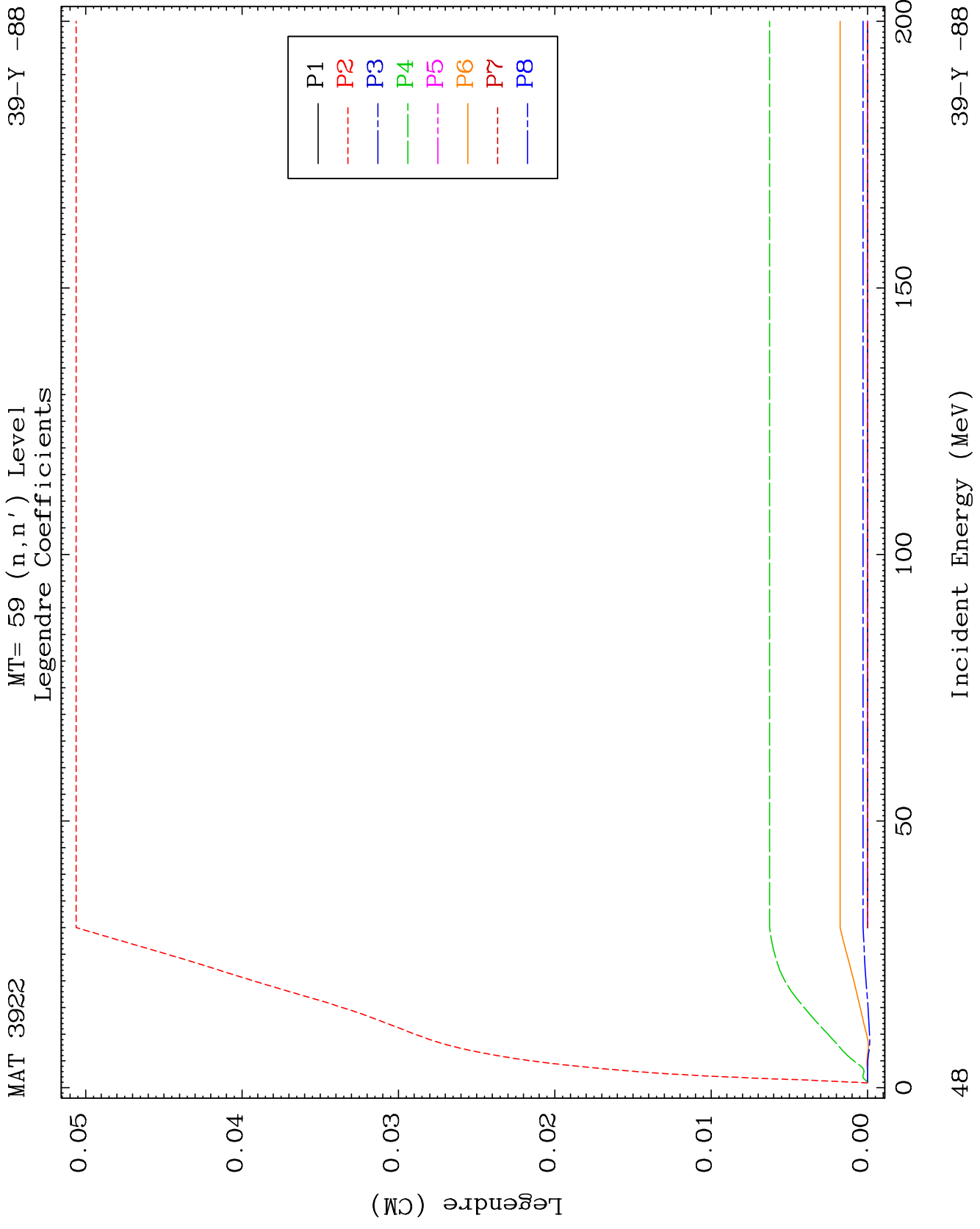


MAT 3922 MT= 58 (n,n') Level 39-Y -88

Legendre Coefficients



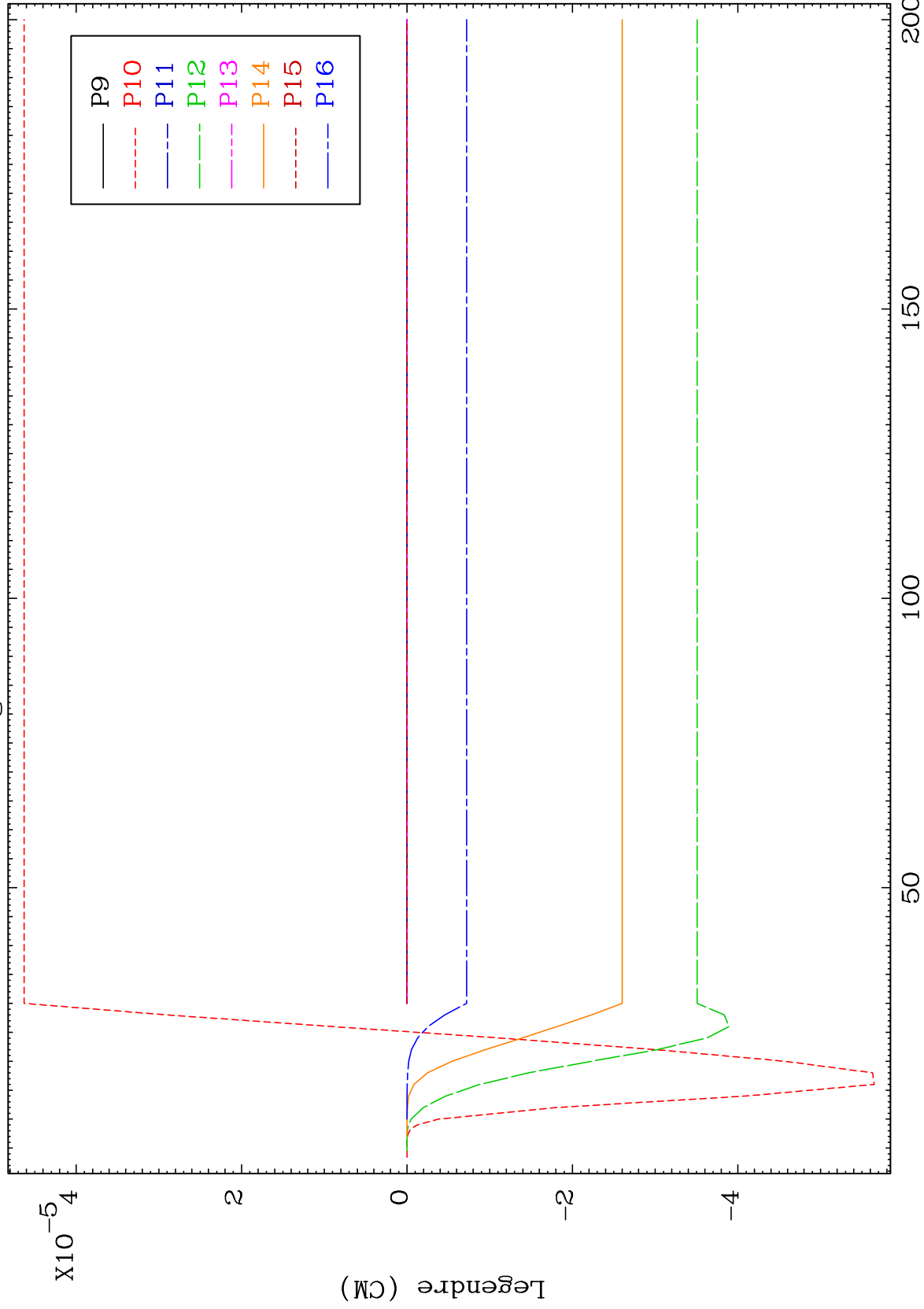
47 Incident Energy (MeV) 39-Y -88



MAT 3922

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

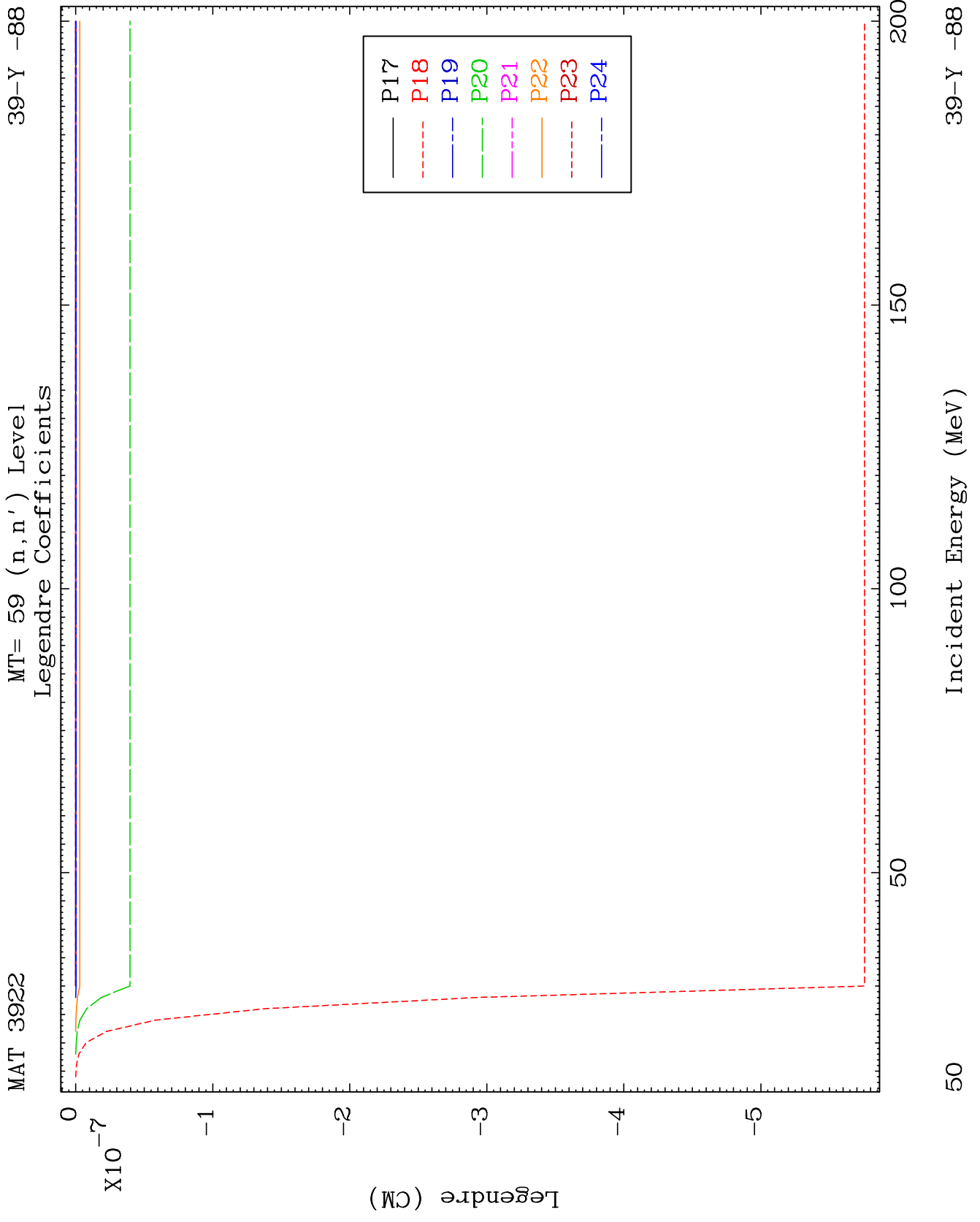
39-Y -88



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Incident Energy (MeV)

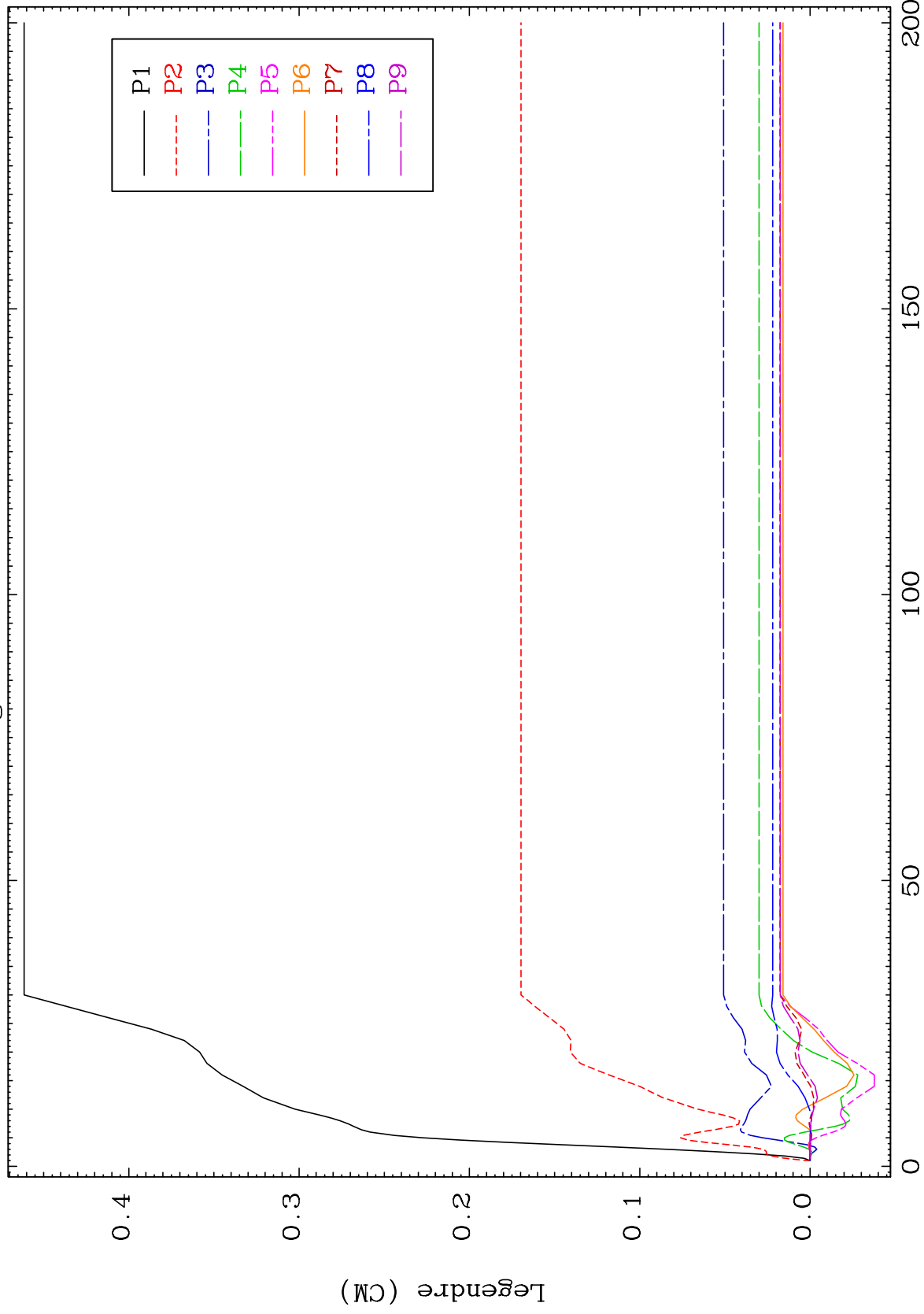
39-Y -88



MAT 3922

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

39-Y -88



51

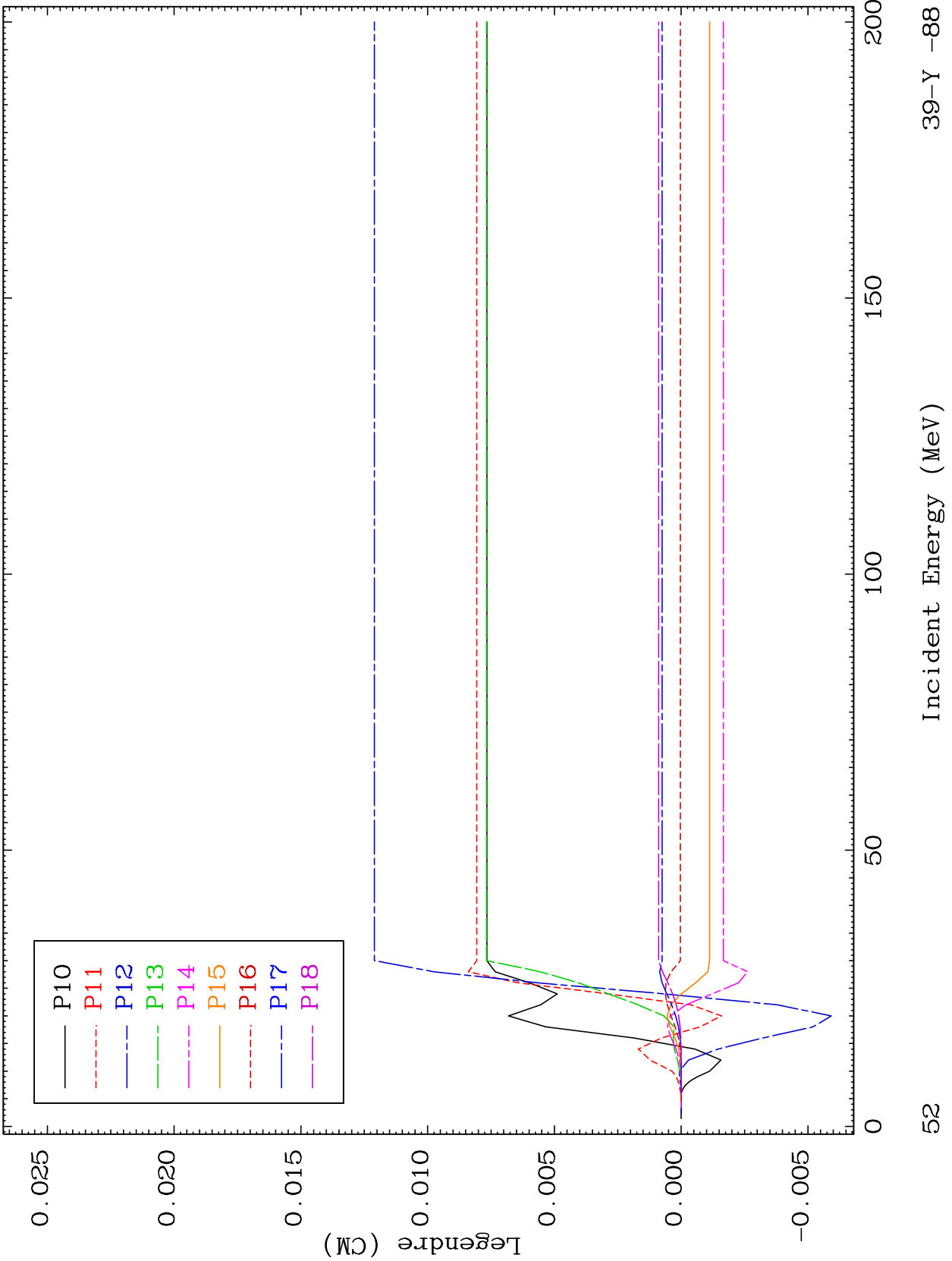
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88



52

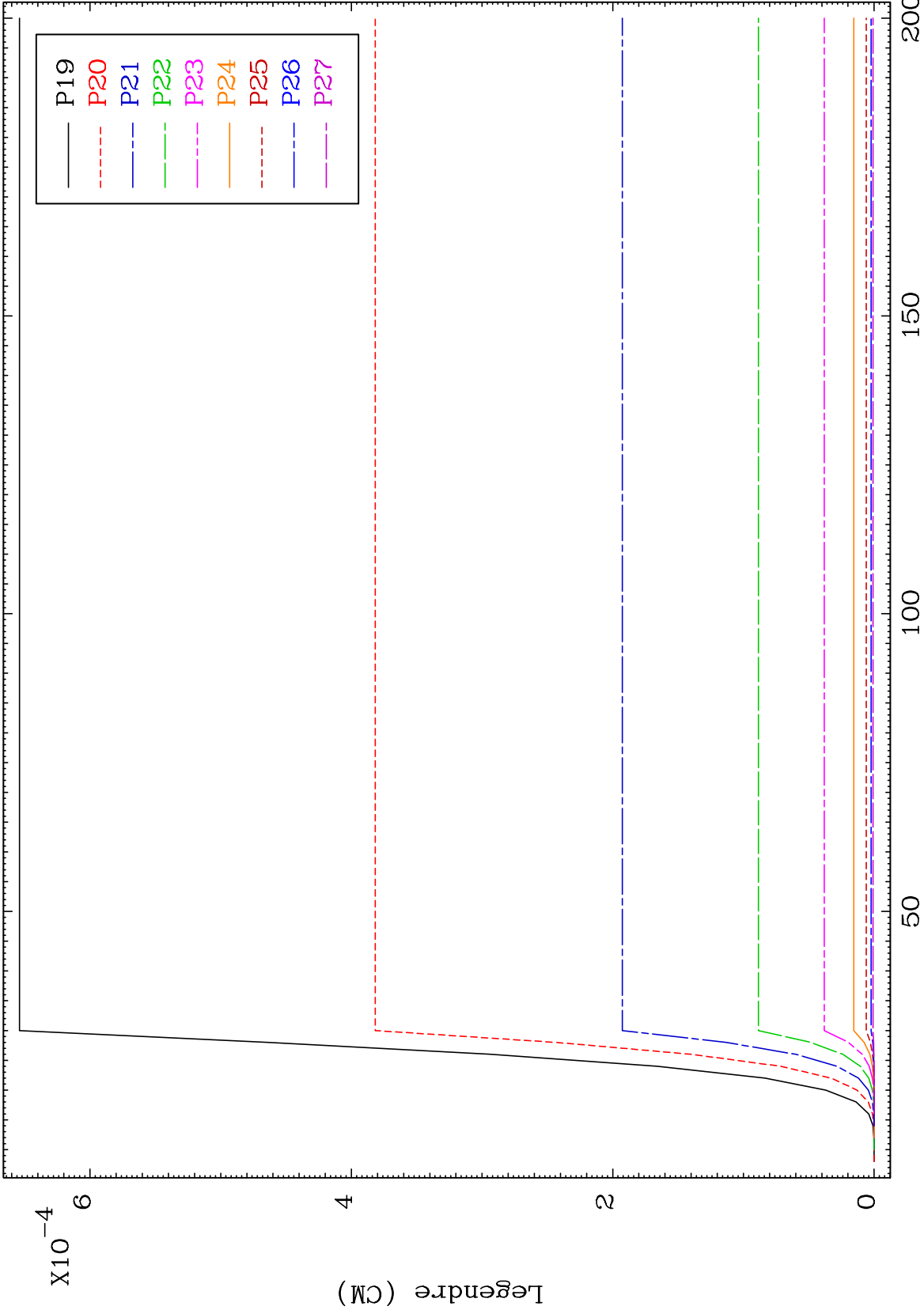
Incident Energy (MeV)

39-Y -88

MAT 3922

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

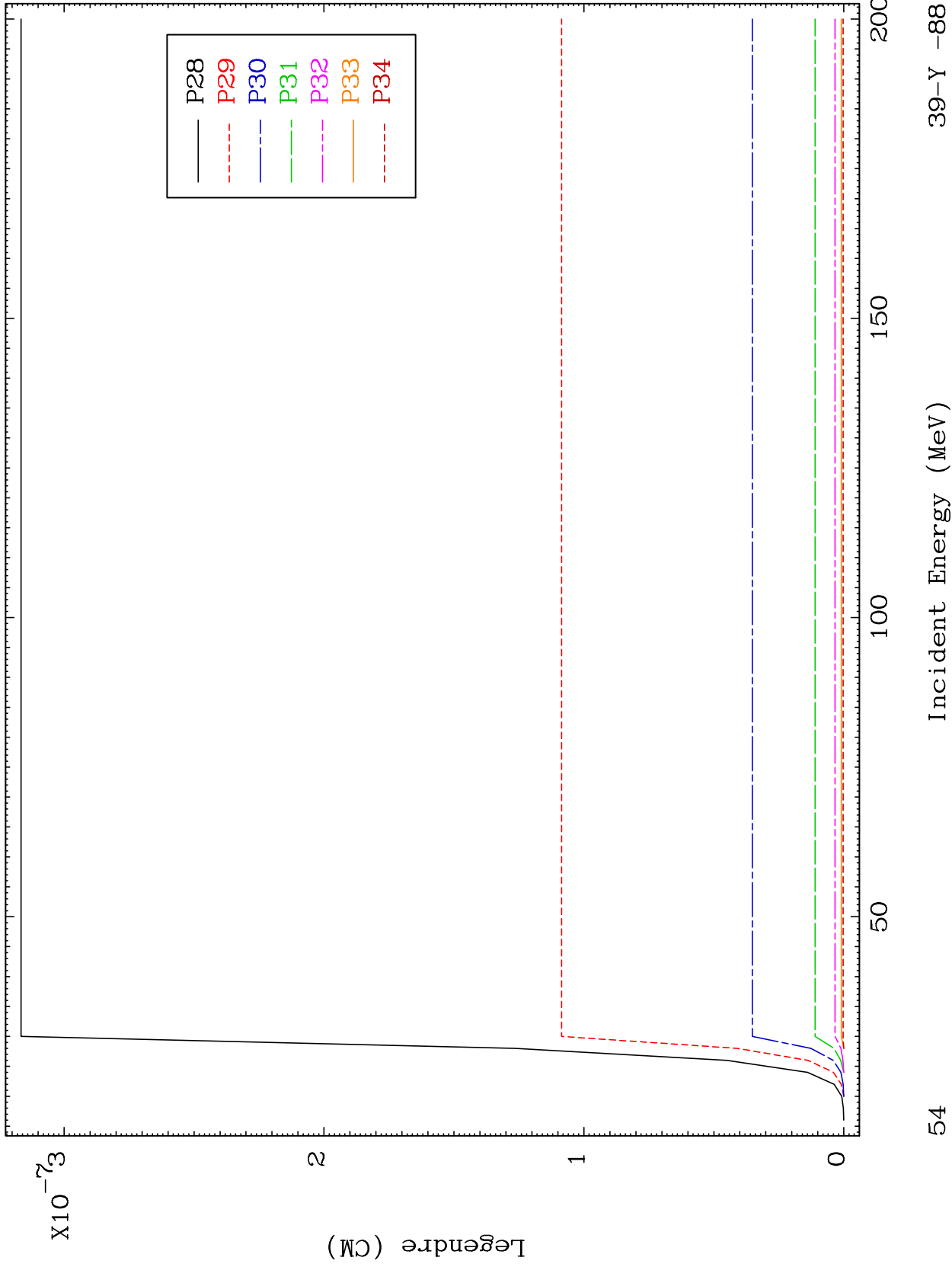
39-Y -88



53

Incident Energy (MeV)

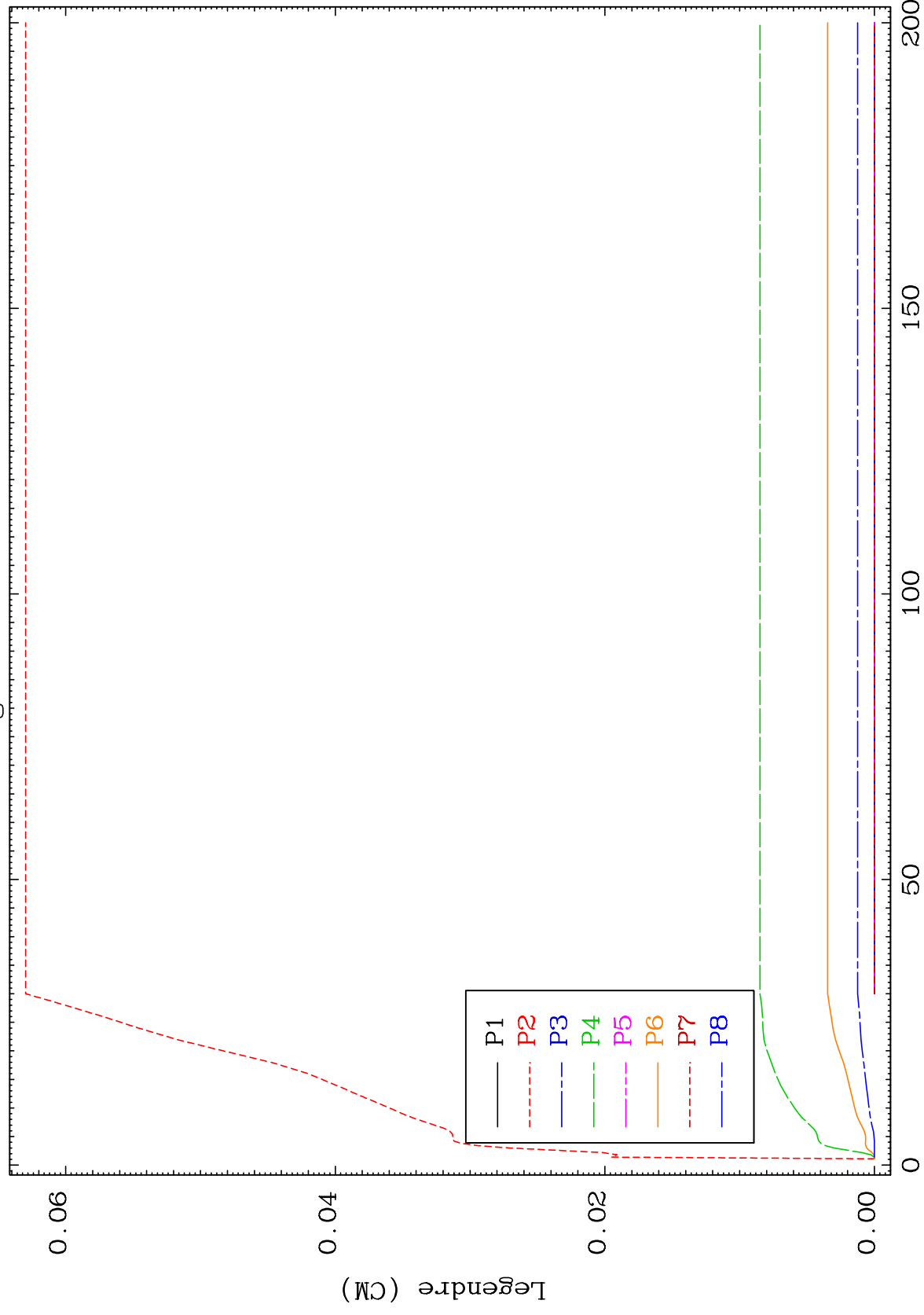
39-Y -88



MAT 3922

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

39-Y -88



55

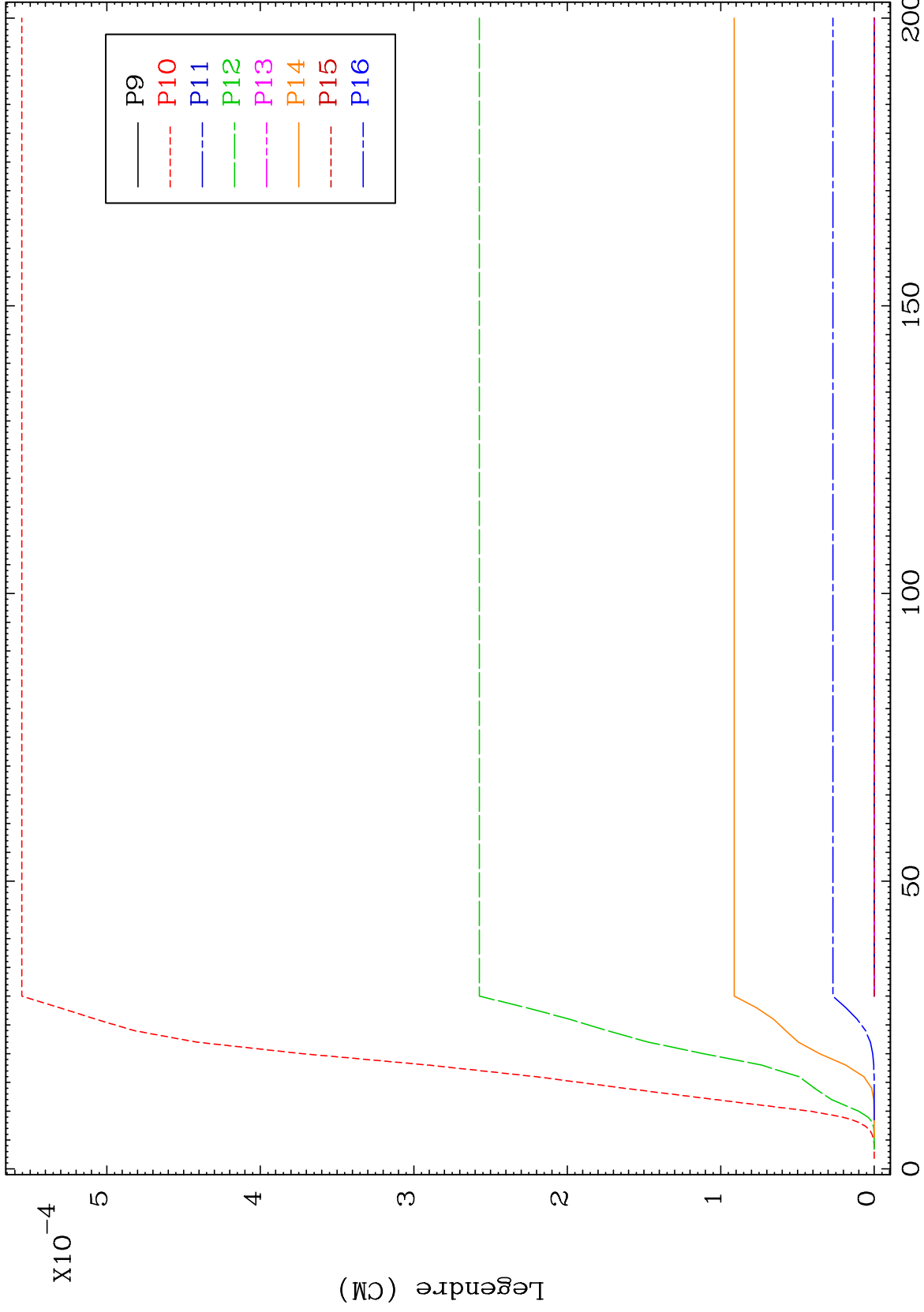
Incident Energy (MeV)

39-Y -88

MAT 3922

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

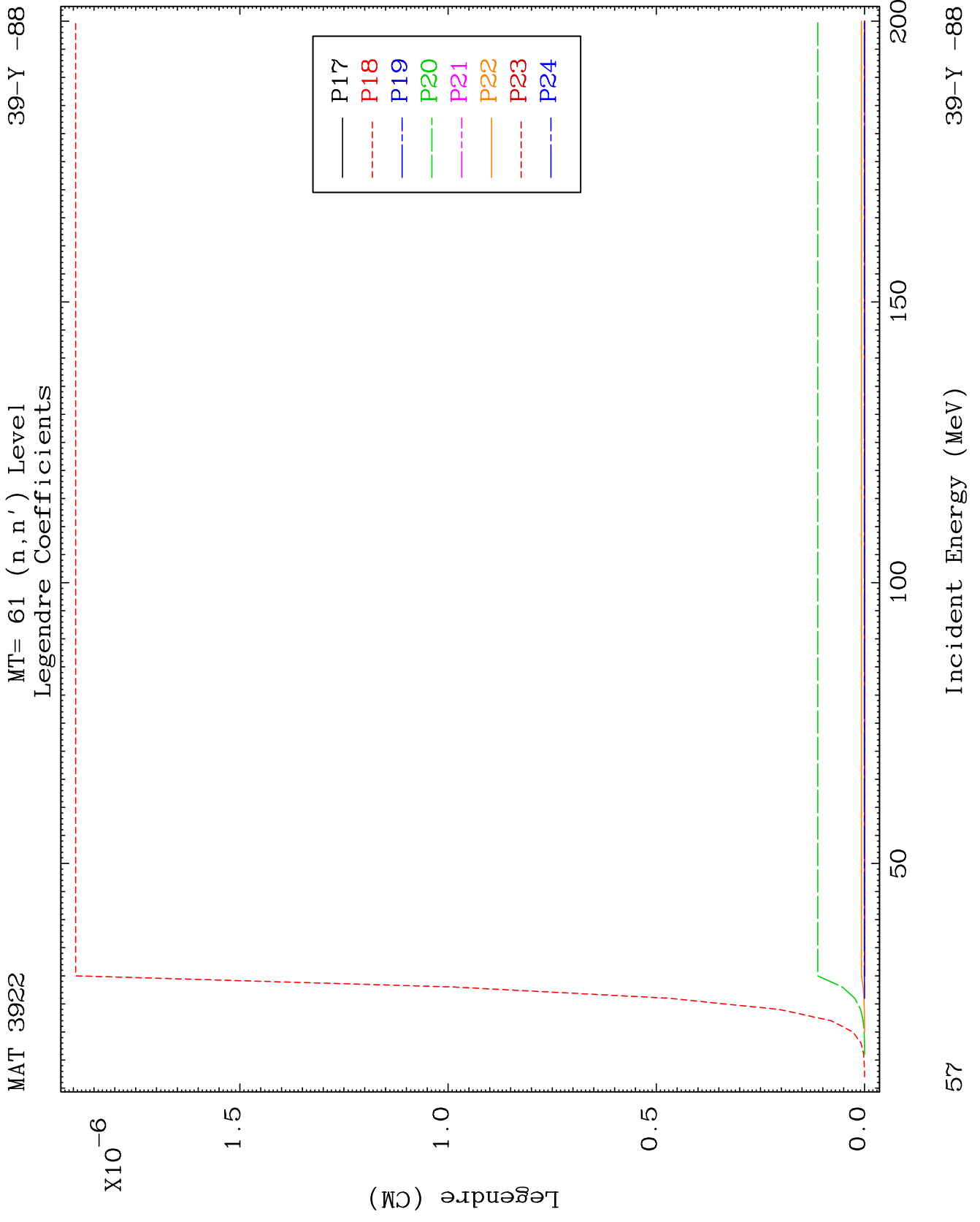
39-Y -88



56

Incident Energy (MeV)

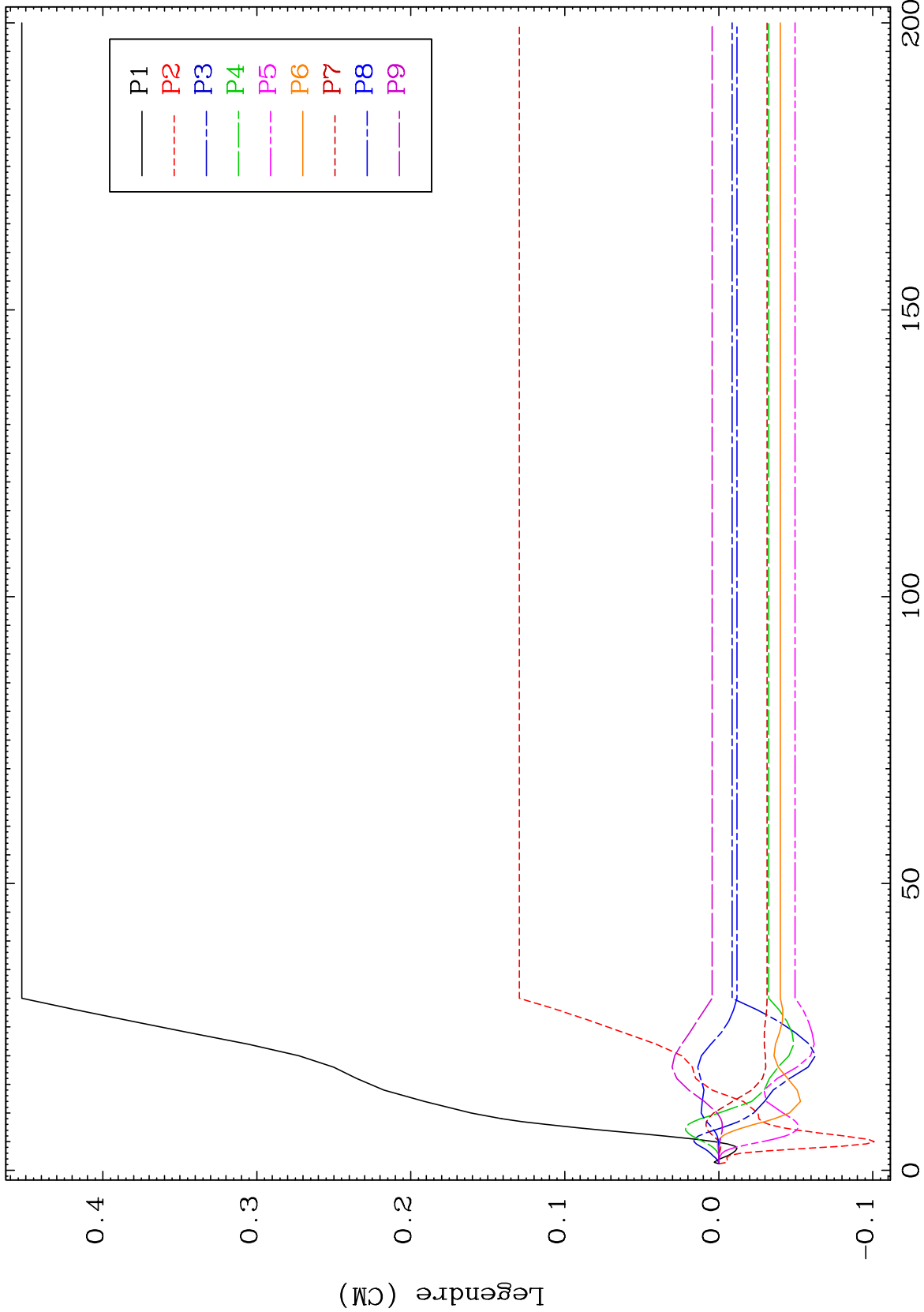
39-Y -88



MAT 3922

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

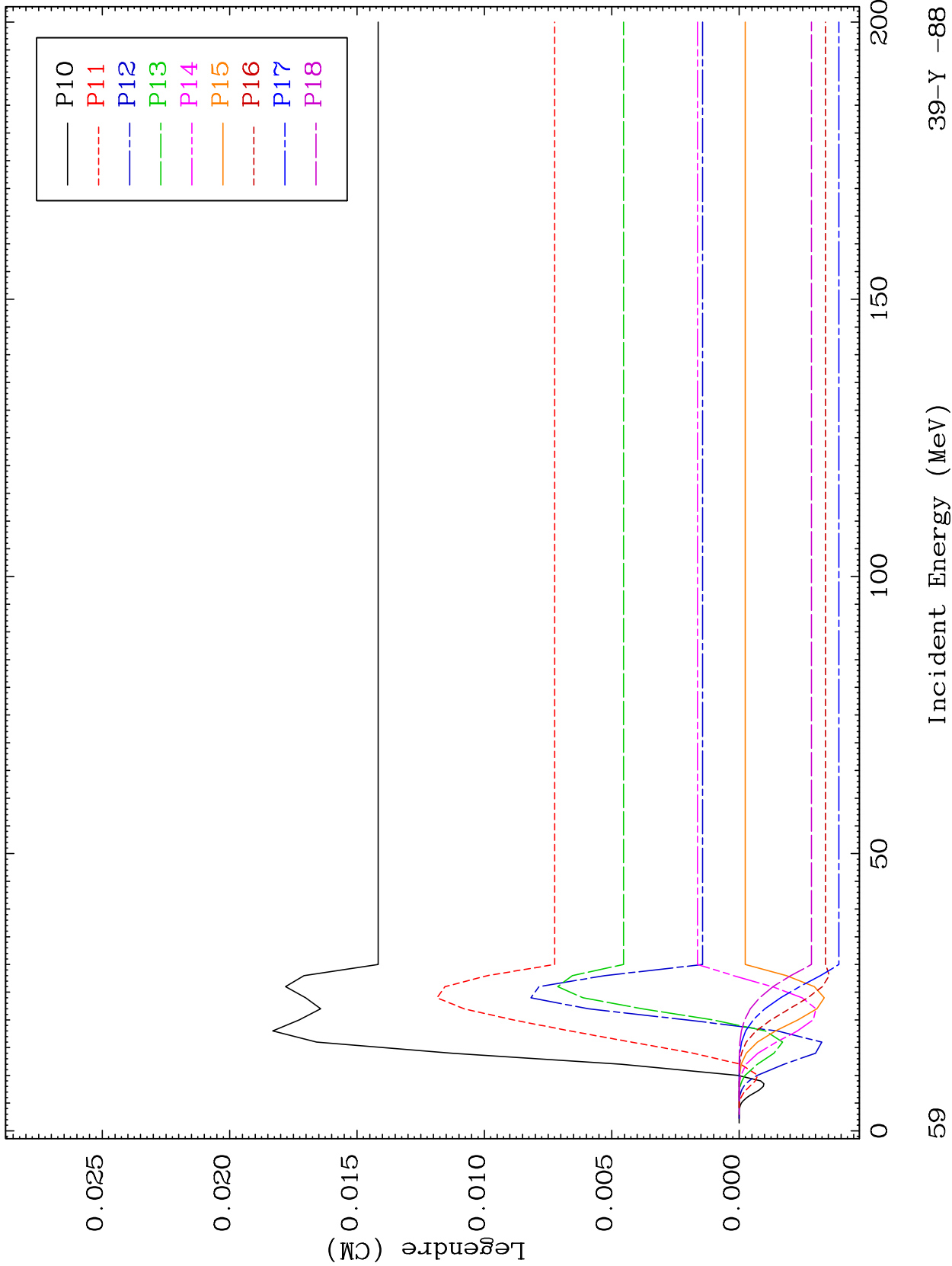
39-Y -88



58

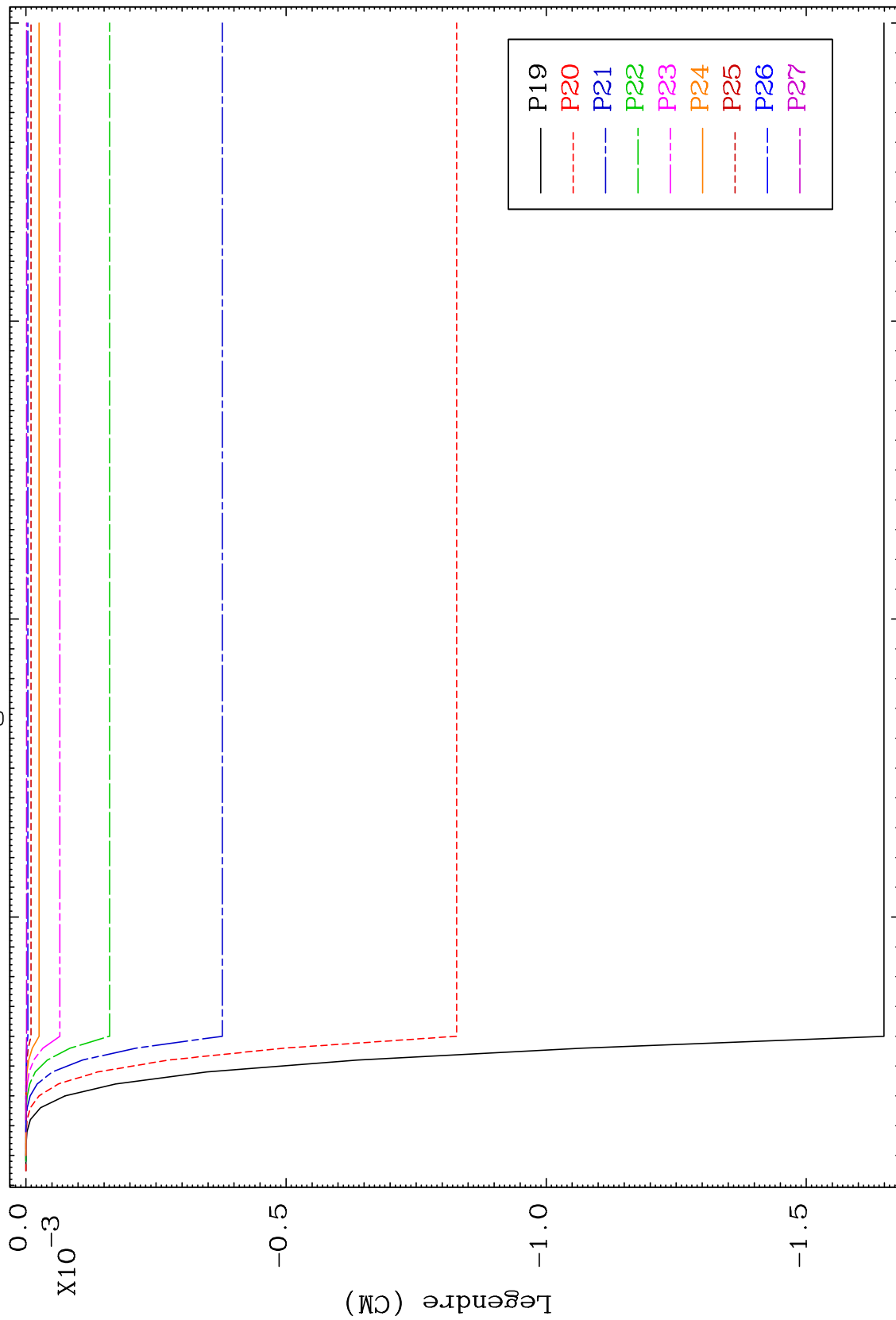
Incident Energy (MeV)

39-Y -88

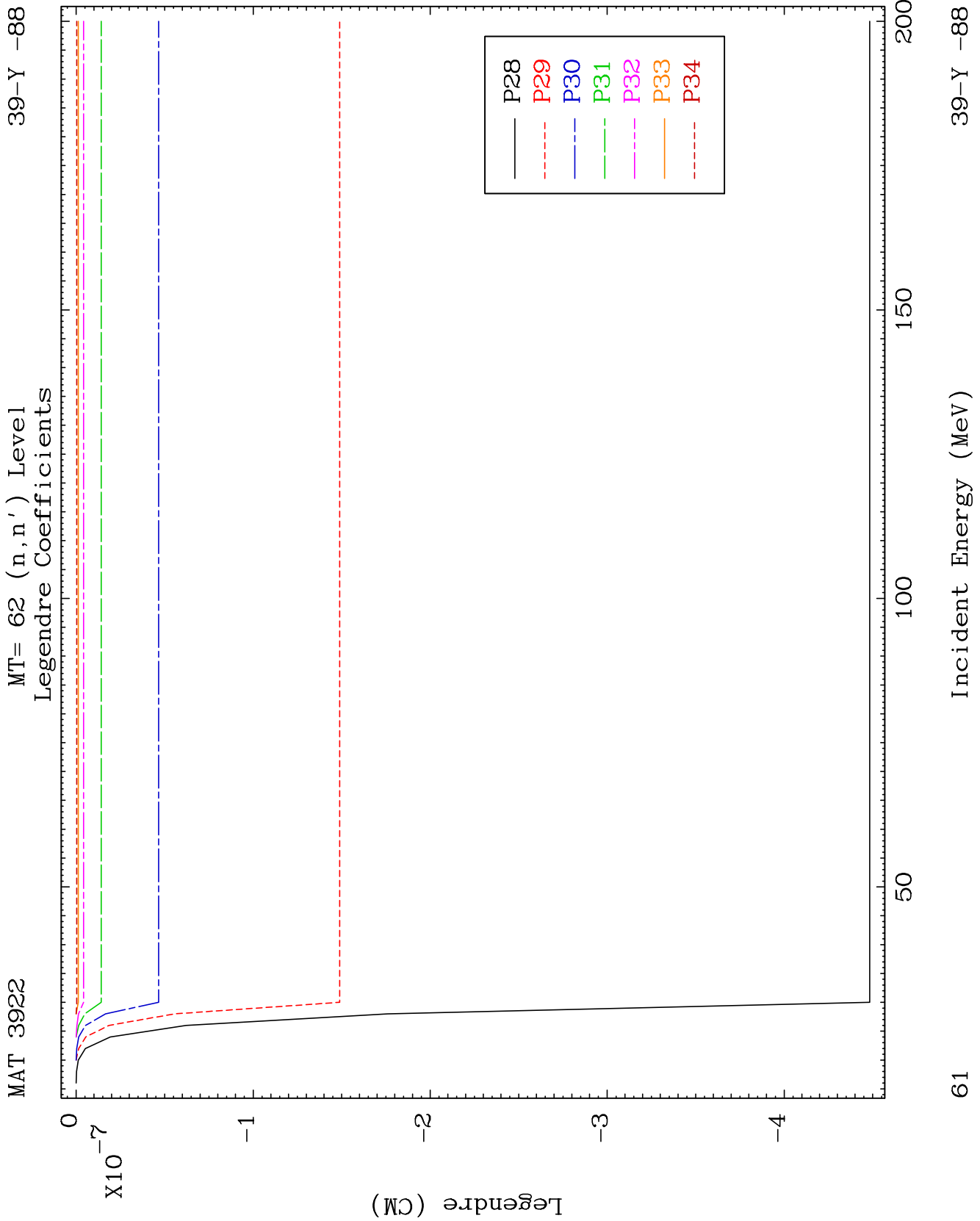


MAT 3922 MT= 62 (n,n') Level 39-Y -88

Legendre Coefficients



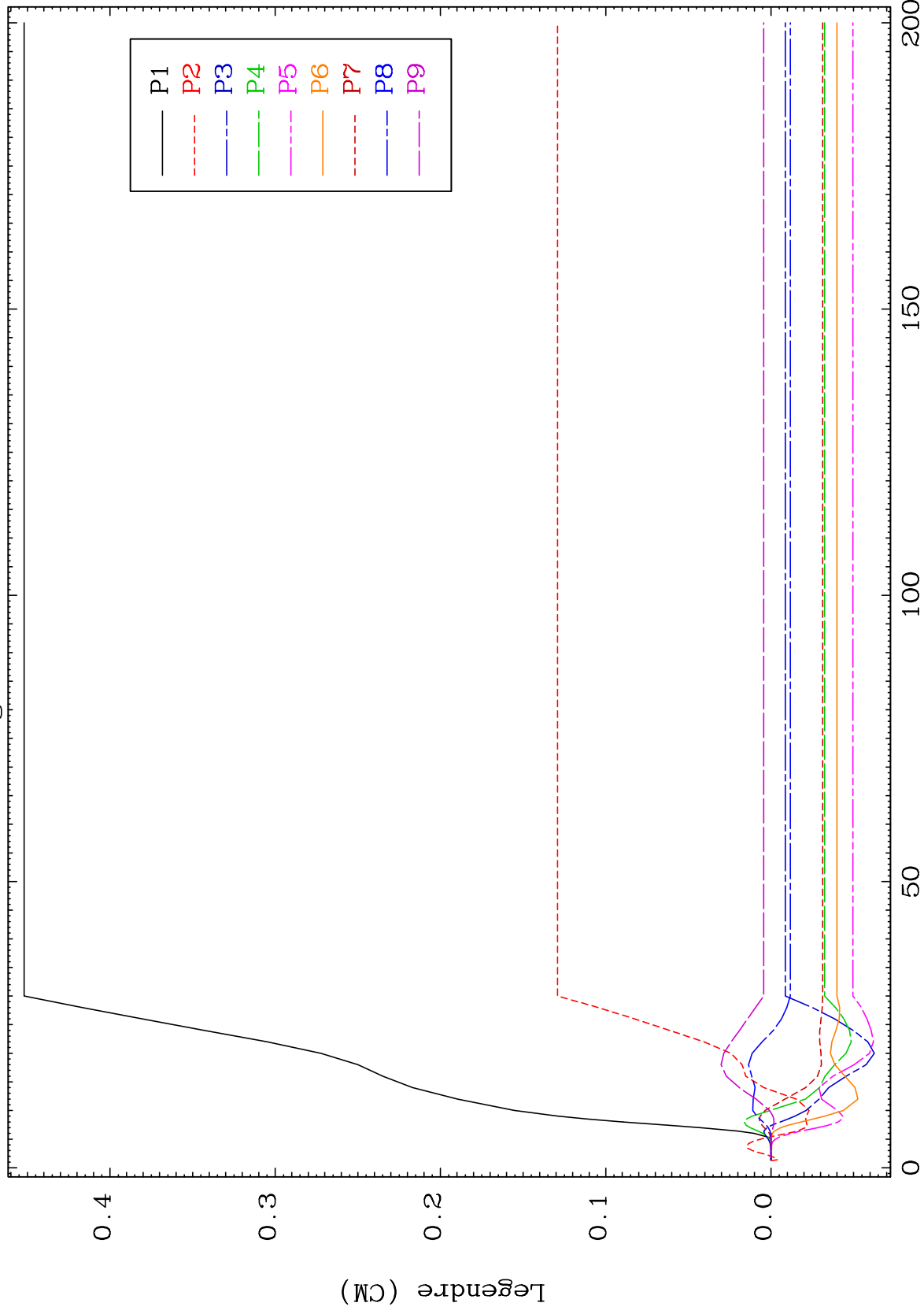
60 Incident Energy (MeV) 39-Y -88



MAT 3922

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

39-Y -88



39-Y -88

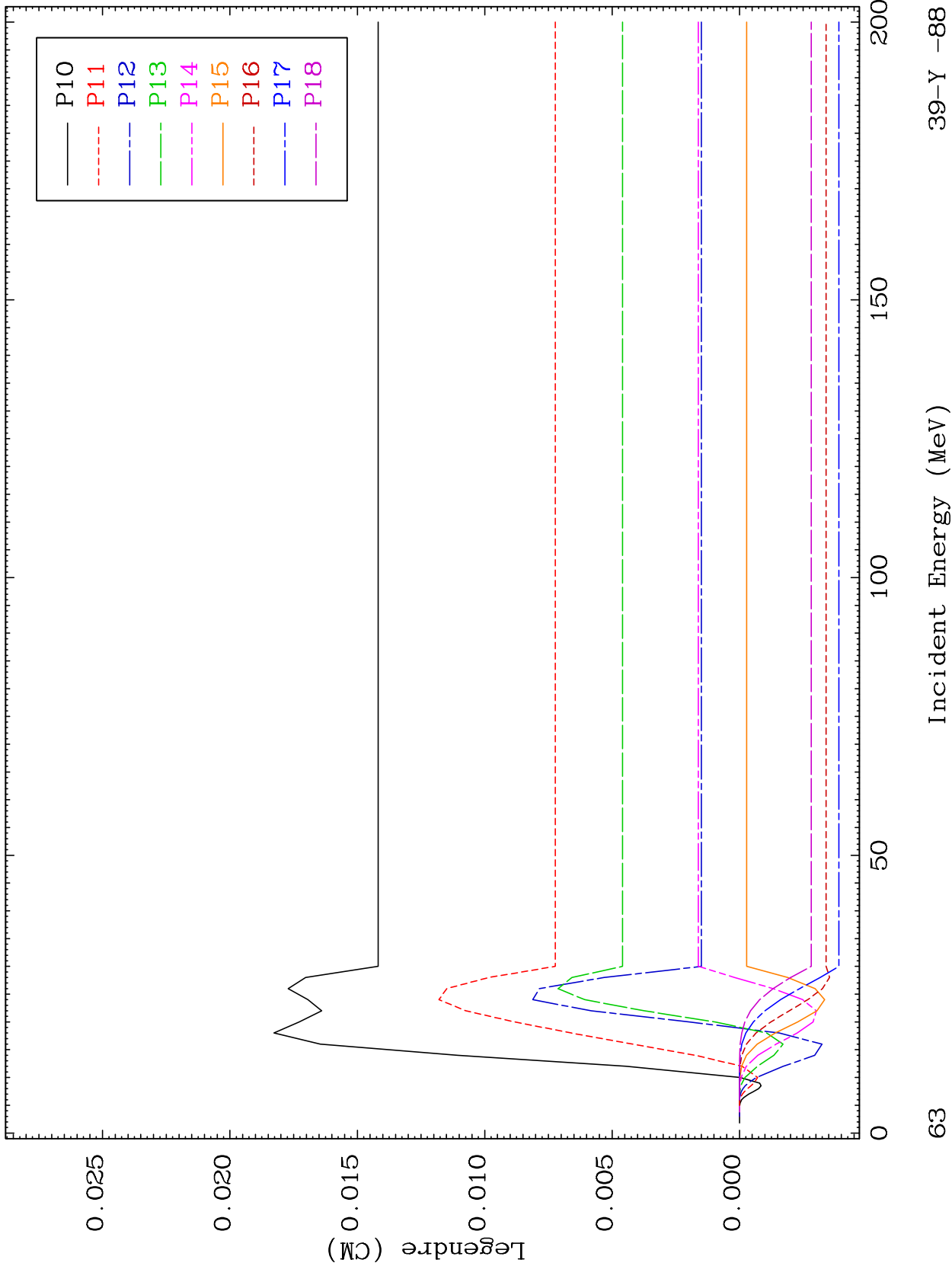
Incident Energy (MeV)

62

MAT 3922

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

39-Y -88

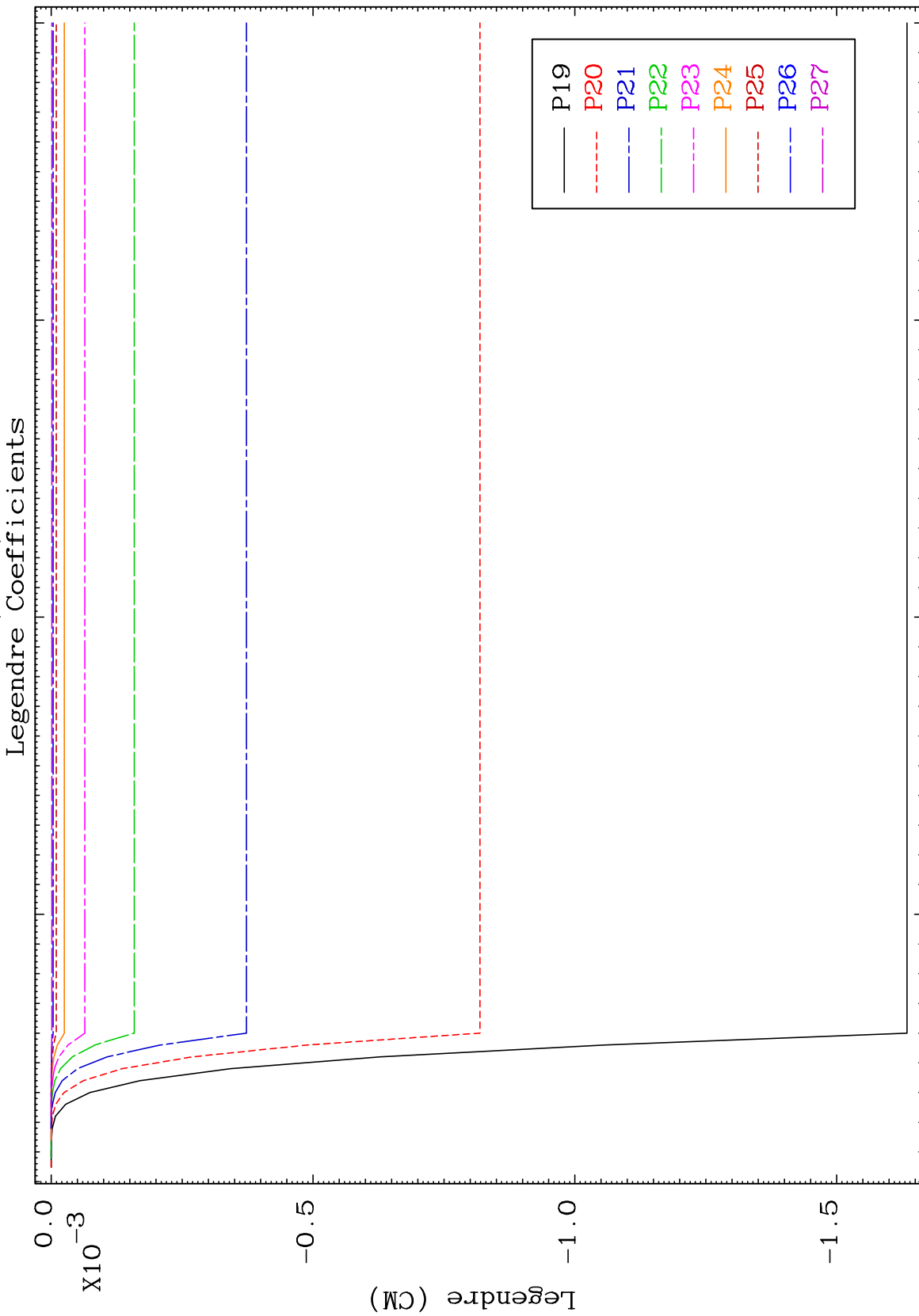


39-Y -88

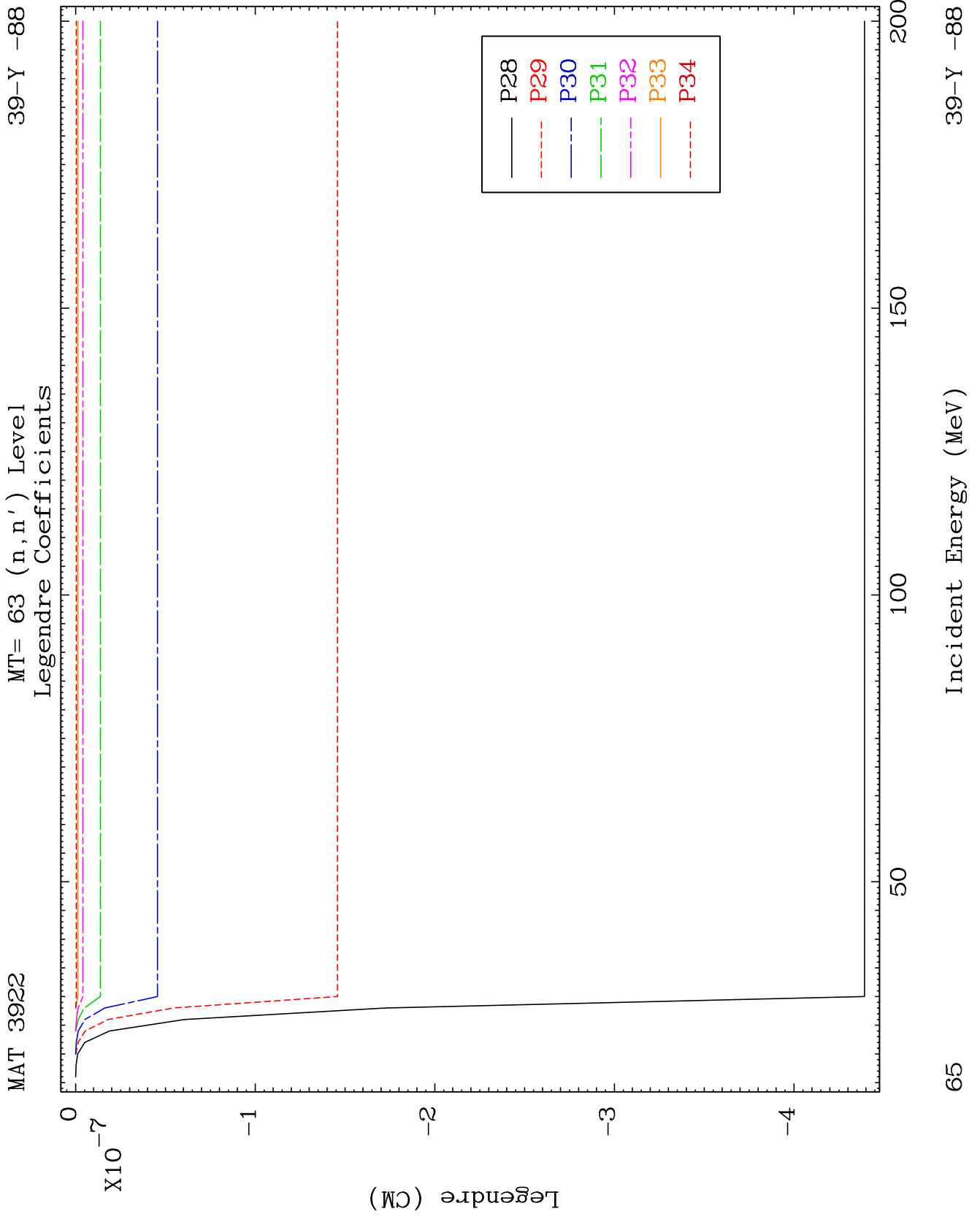
Incident Energy (MeV)

63

MAT 3922 MT= 63 (n,n') Level 39-Y -88



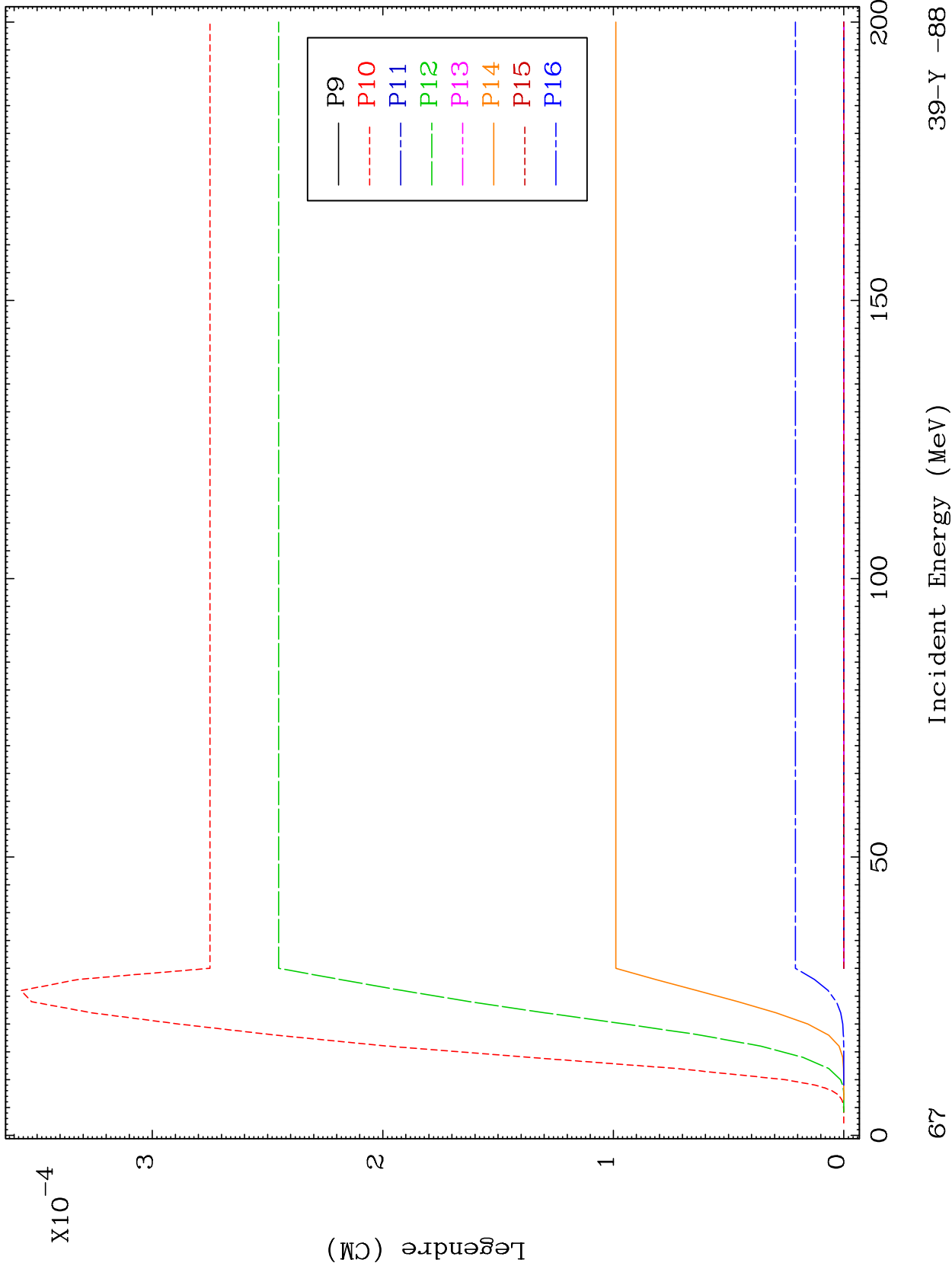
64 39-Y -88



MAT 3922

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

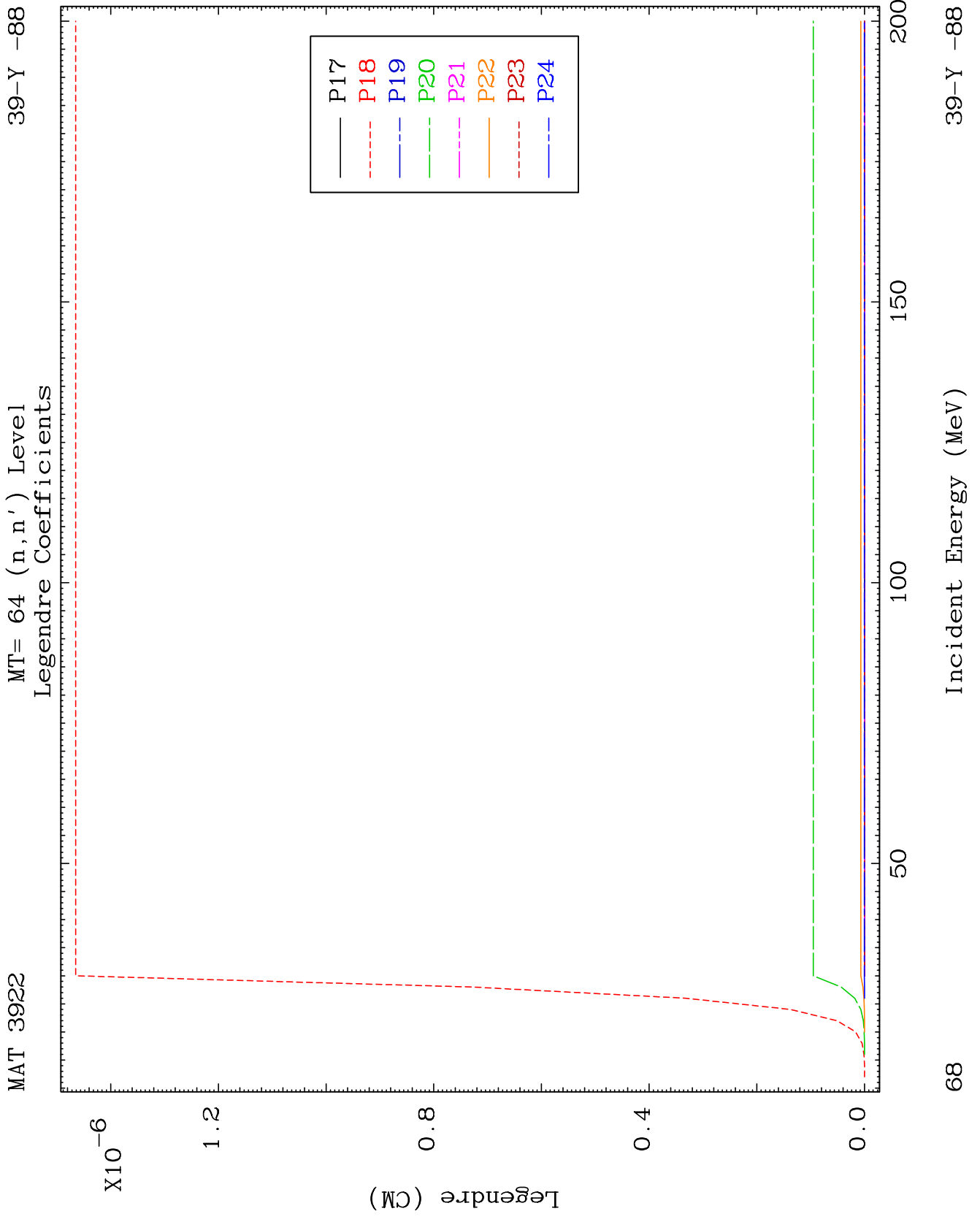
39-Y -88



67

Incident Energy (MeV)

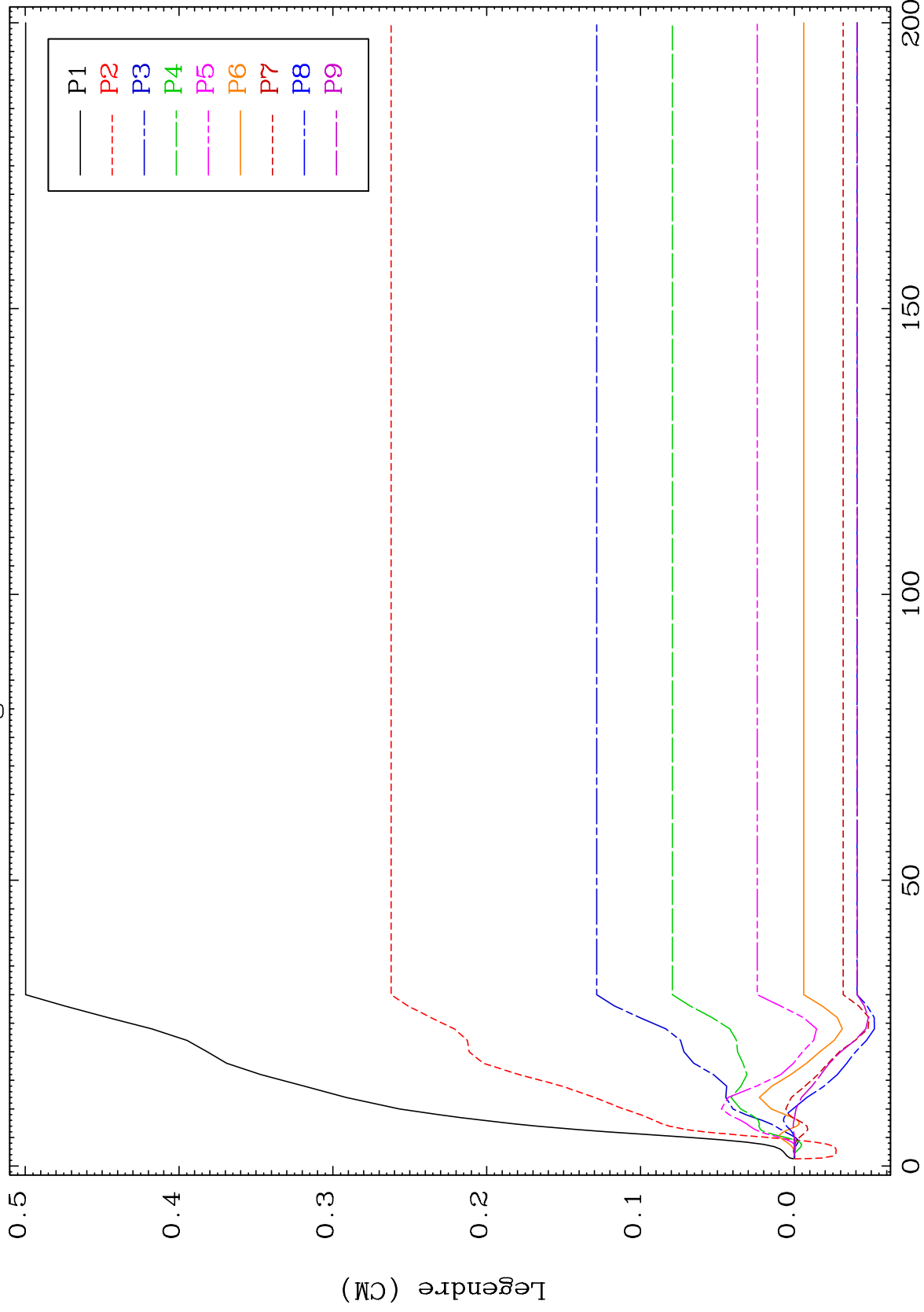
39-Y -88



MAT 3922

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

39-Y -88



69

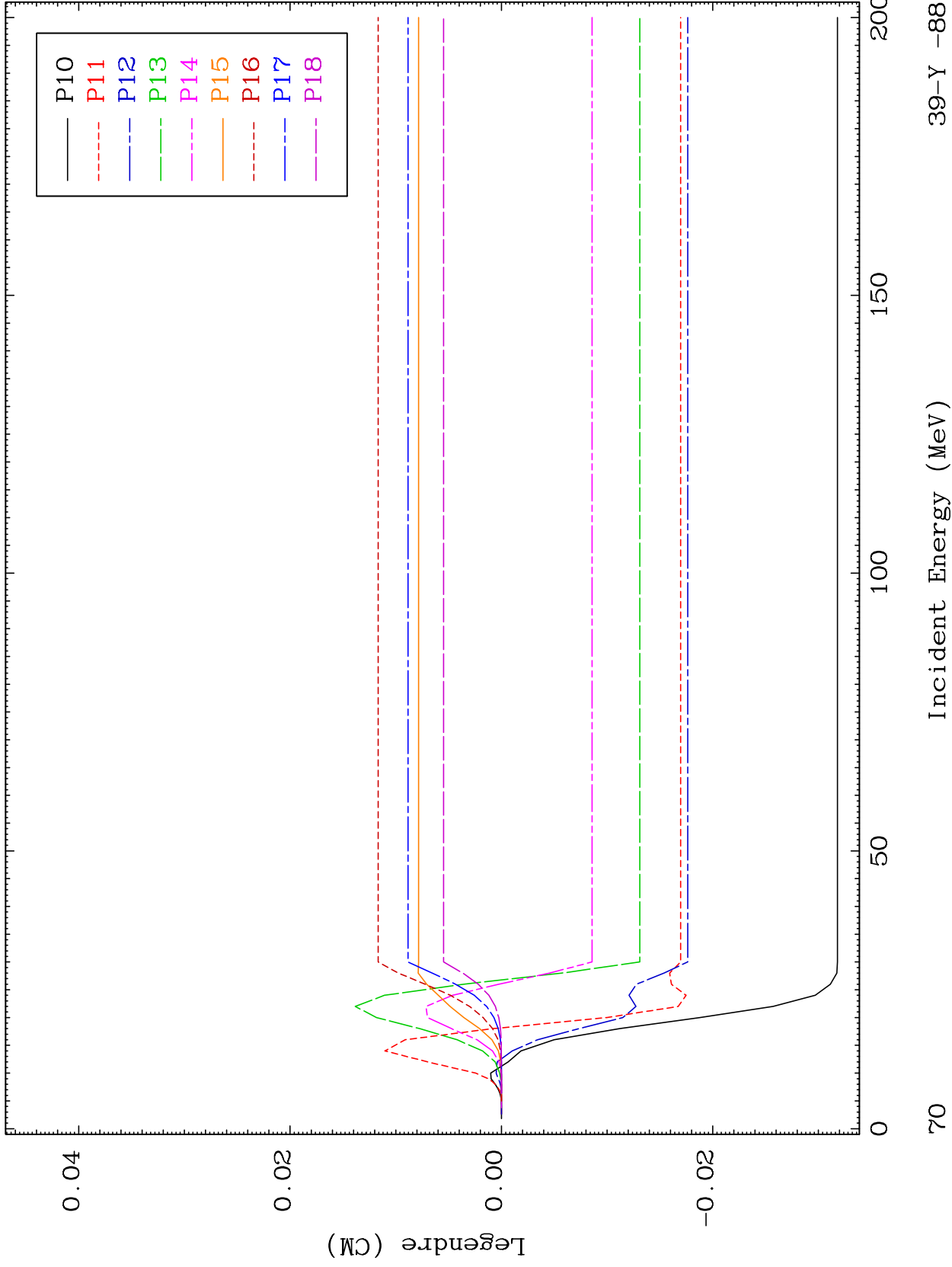
Incident Energy (MeV)

39-Y -88

MAT 3922

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

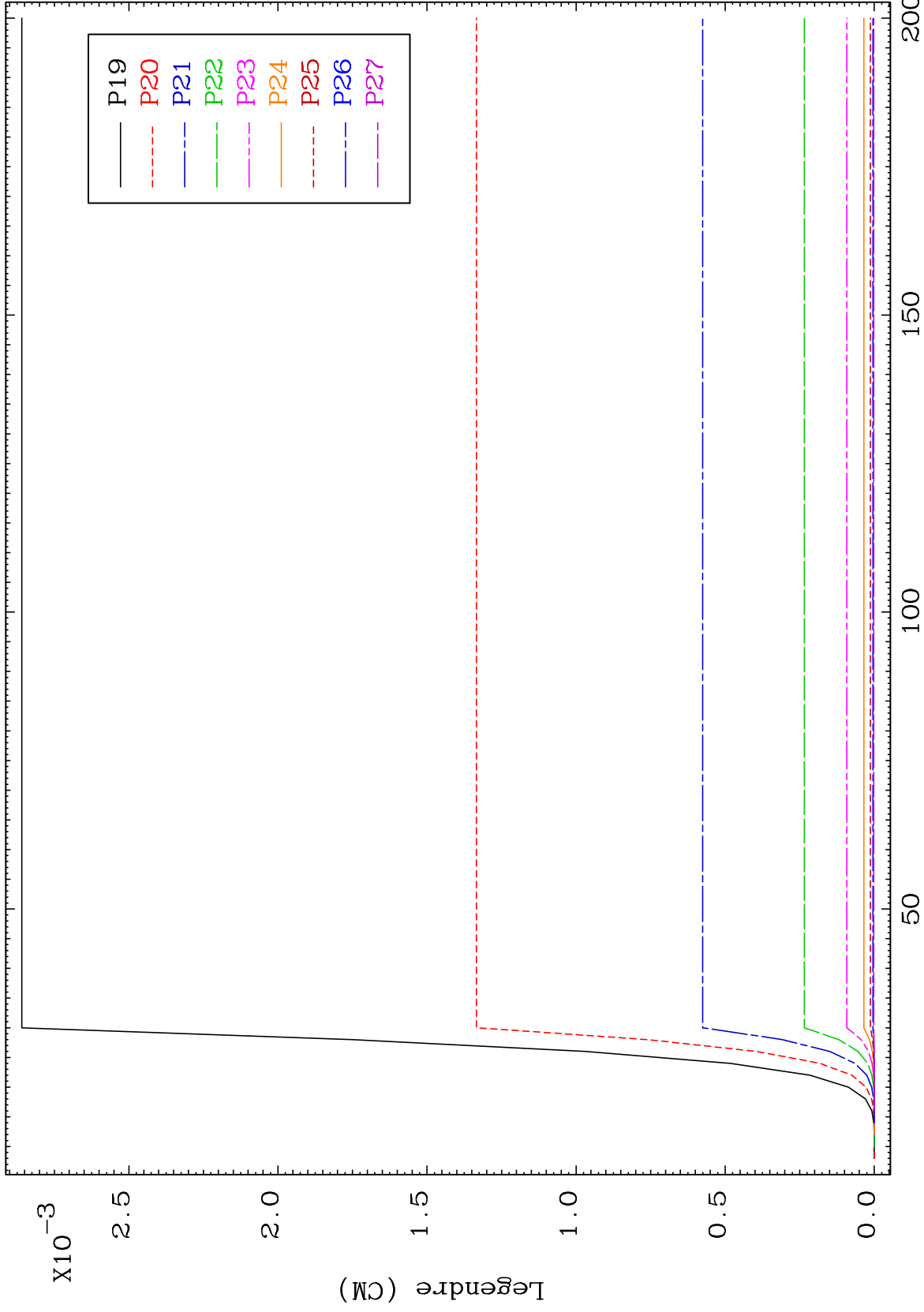
39-Y -88

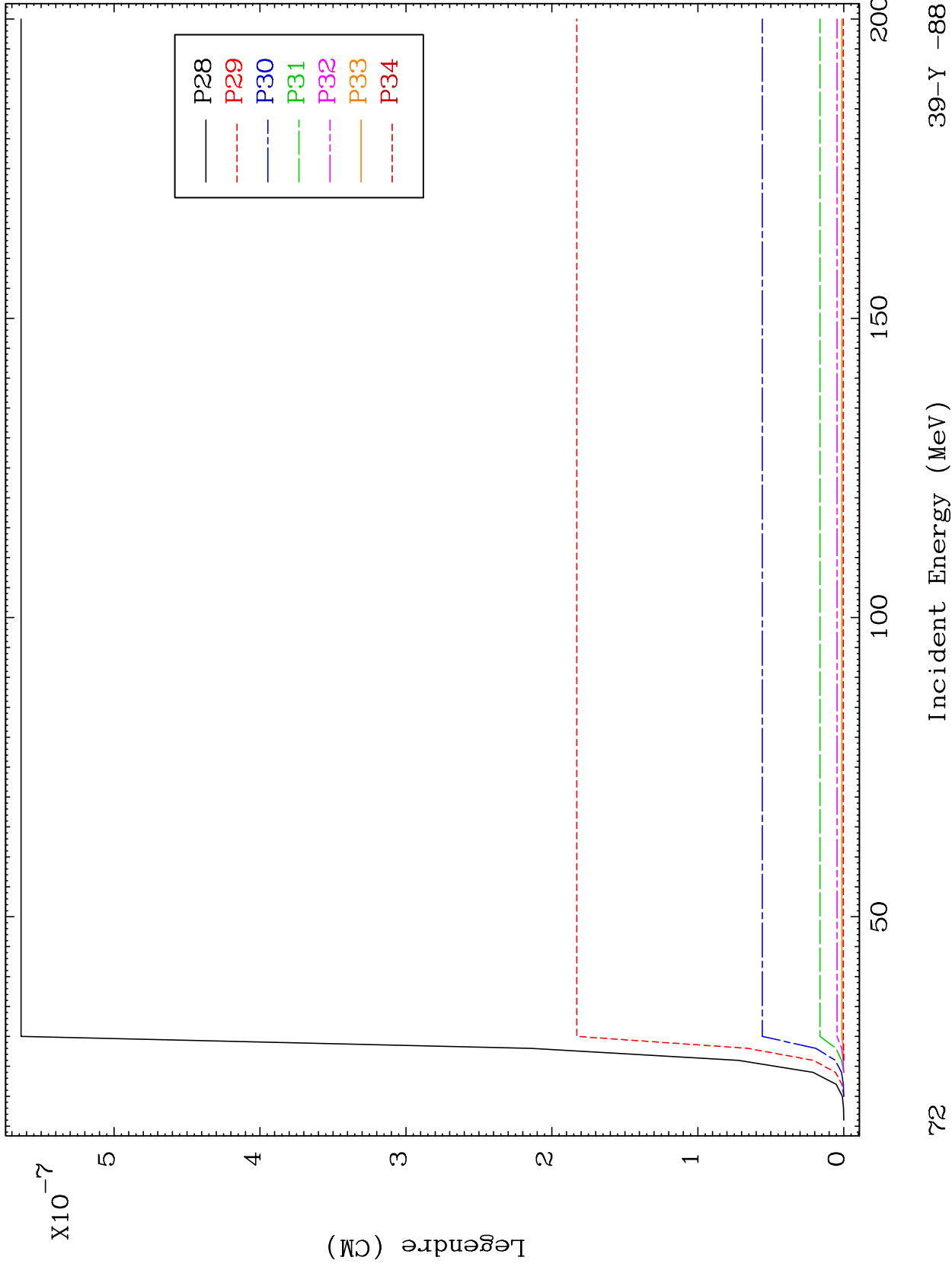


39-Y -88

Incident Energy (MeV)

70

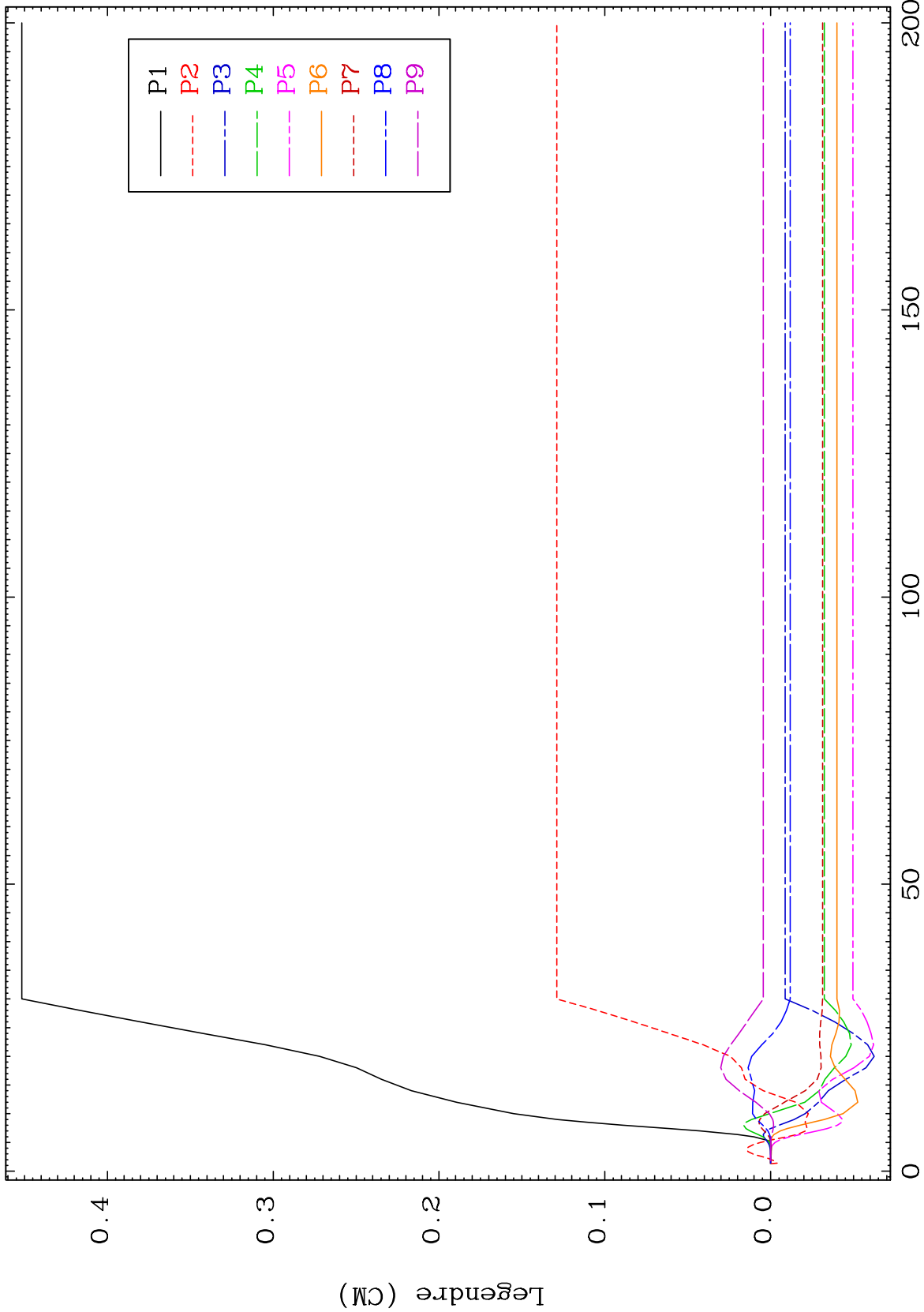




MAT 3922

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

39-Y -88



73

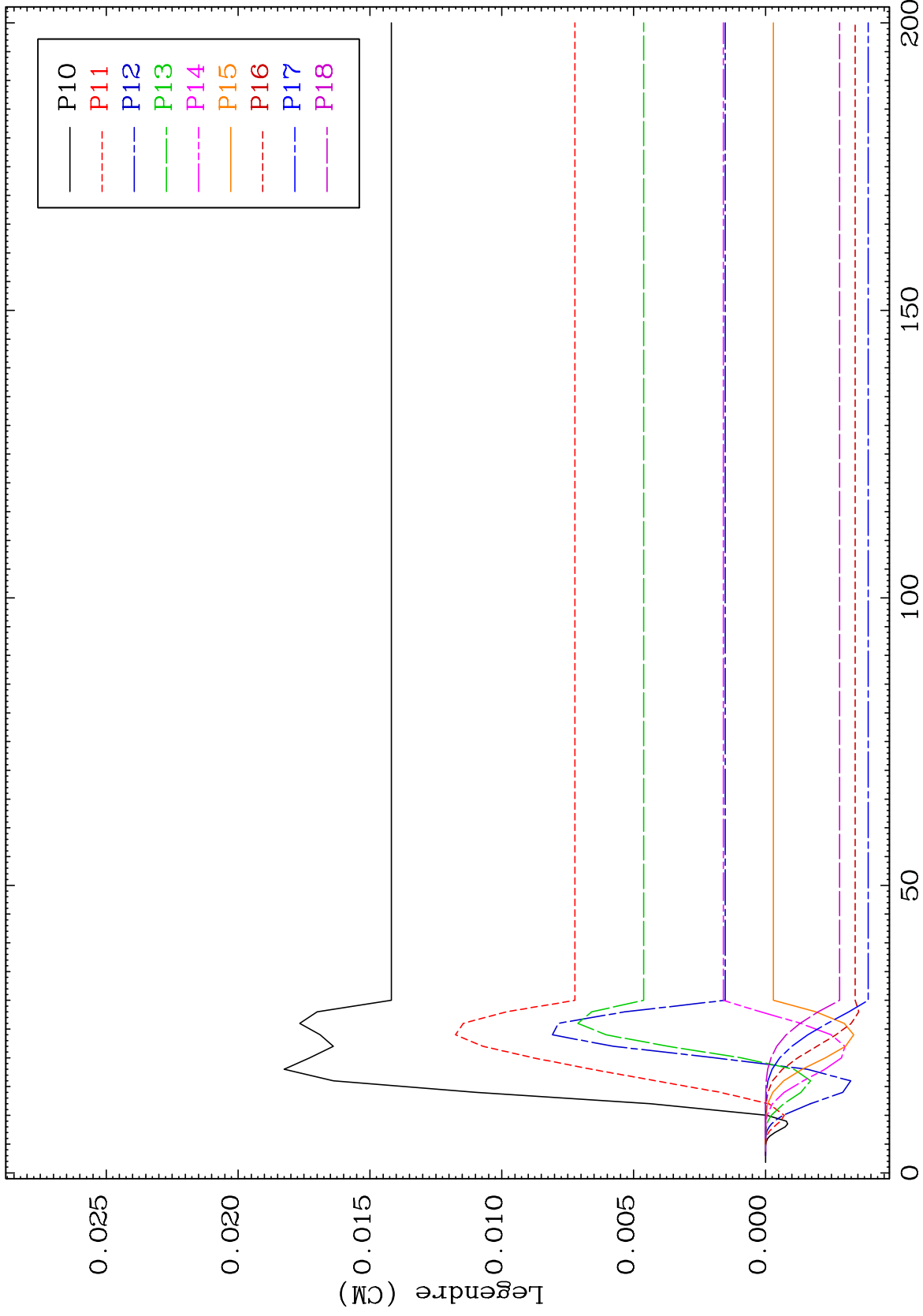
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88



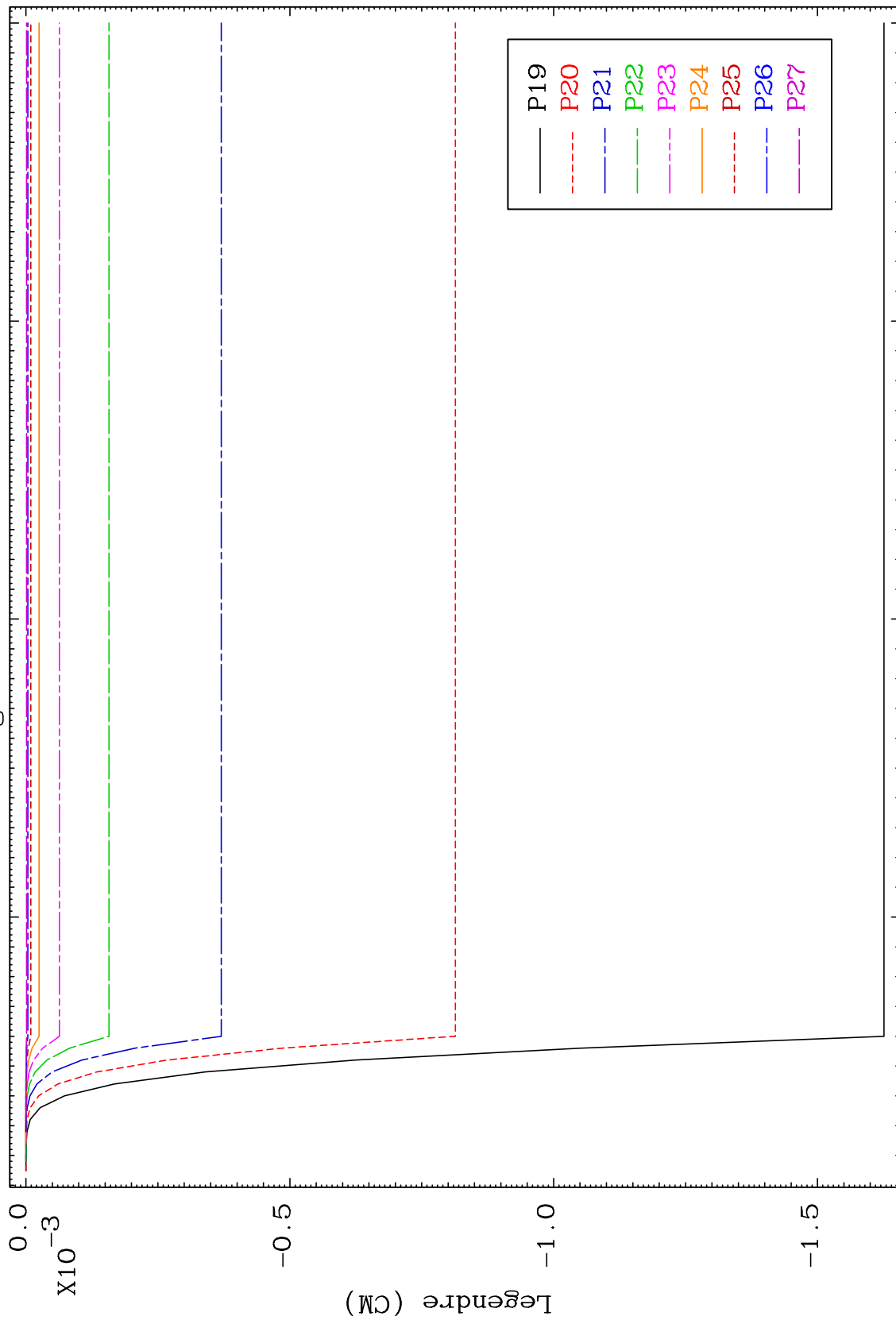
74

Incident Energy (MeV)

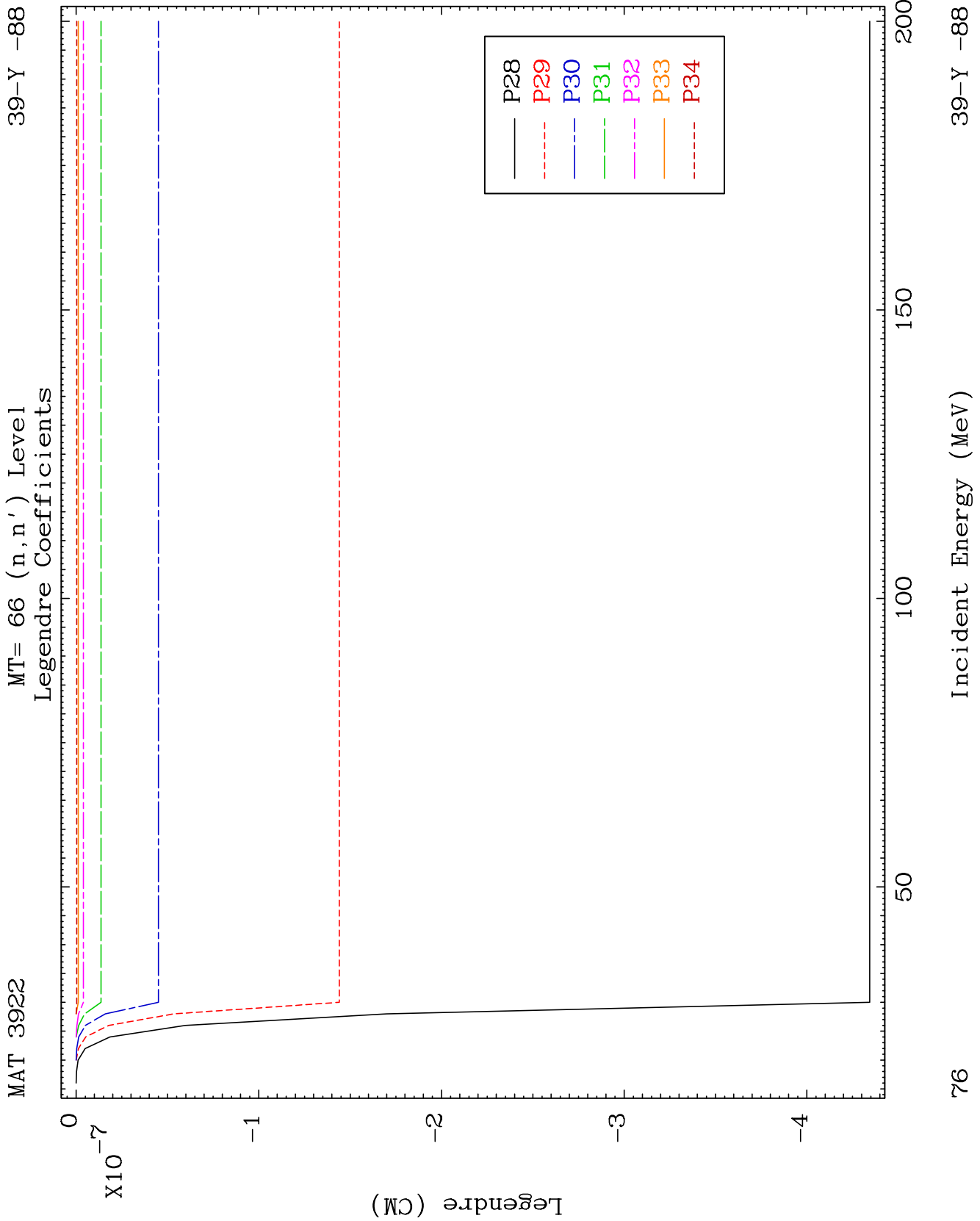
39-Y -88

MAT 3922 MT= 66 (n,n') Level 39-Y -88

Legendre Coefficients



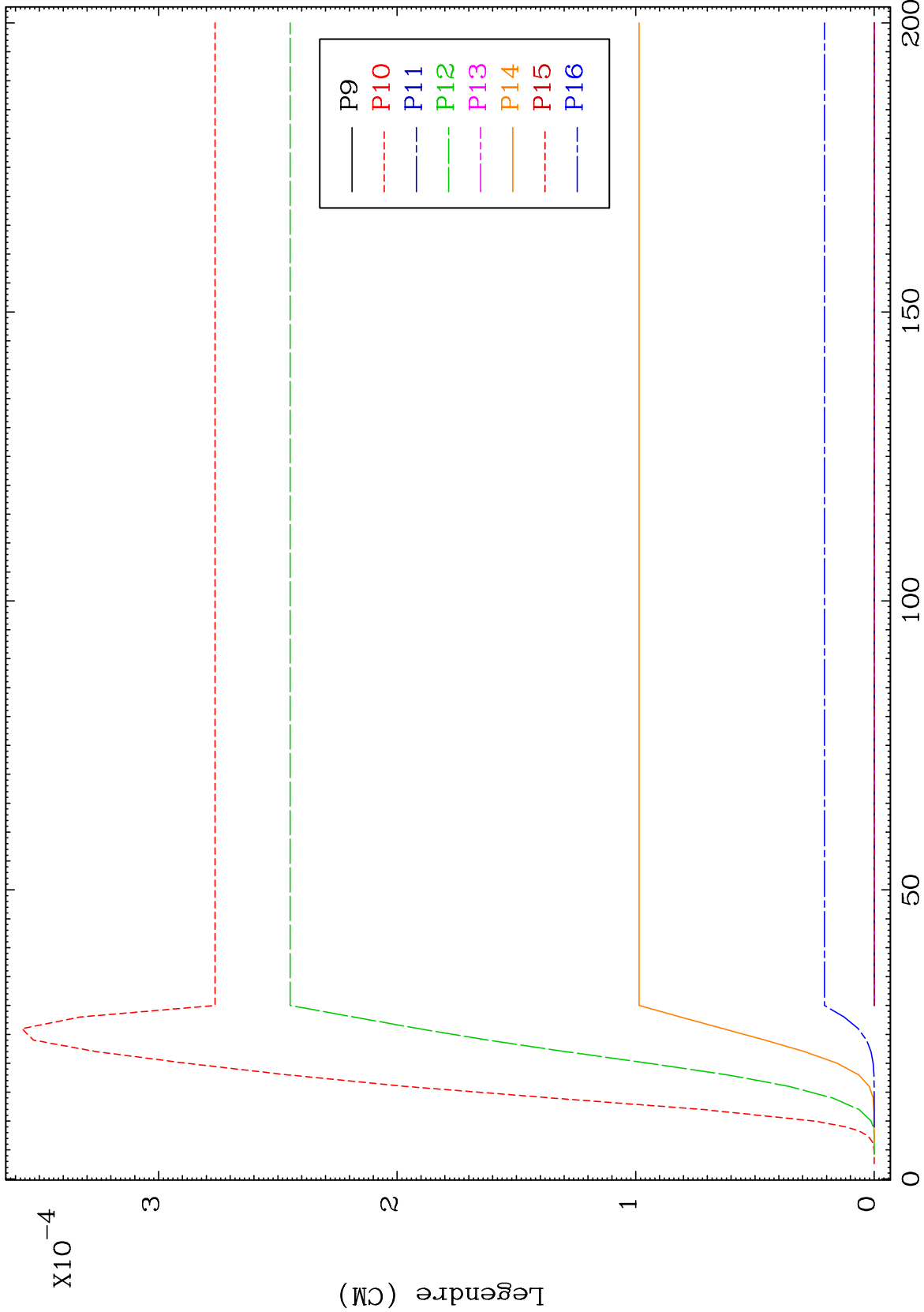
75 Incident Energy (MeV) 39-Y -88



MAT 3922

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

39-Y -88



78

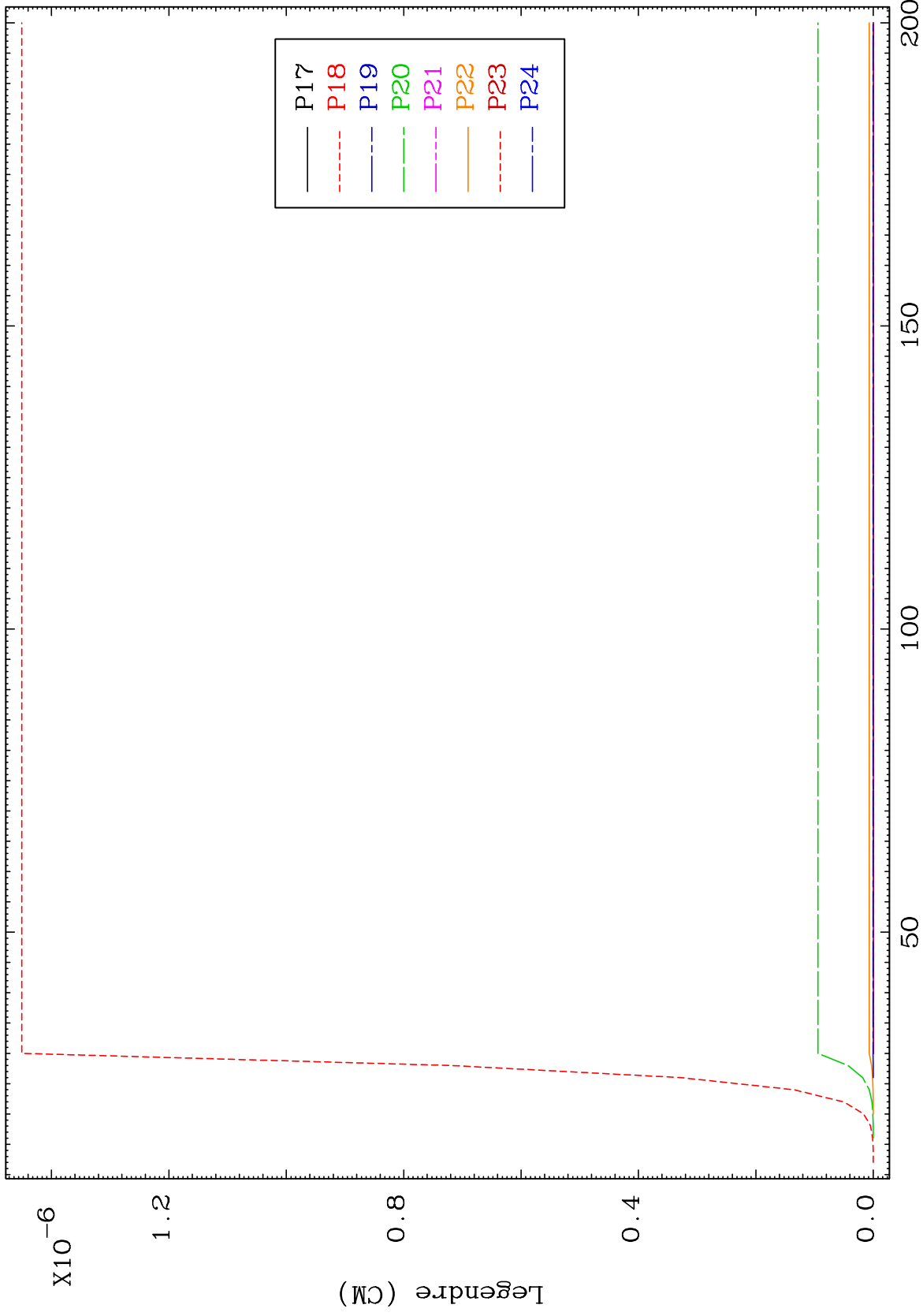
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88

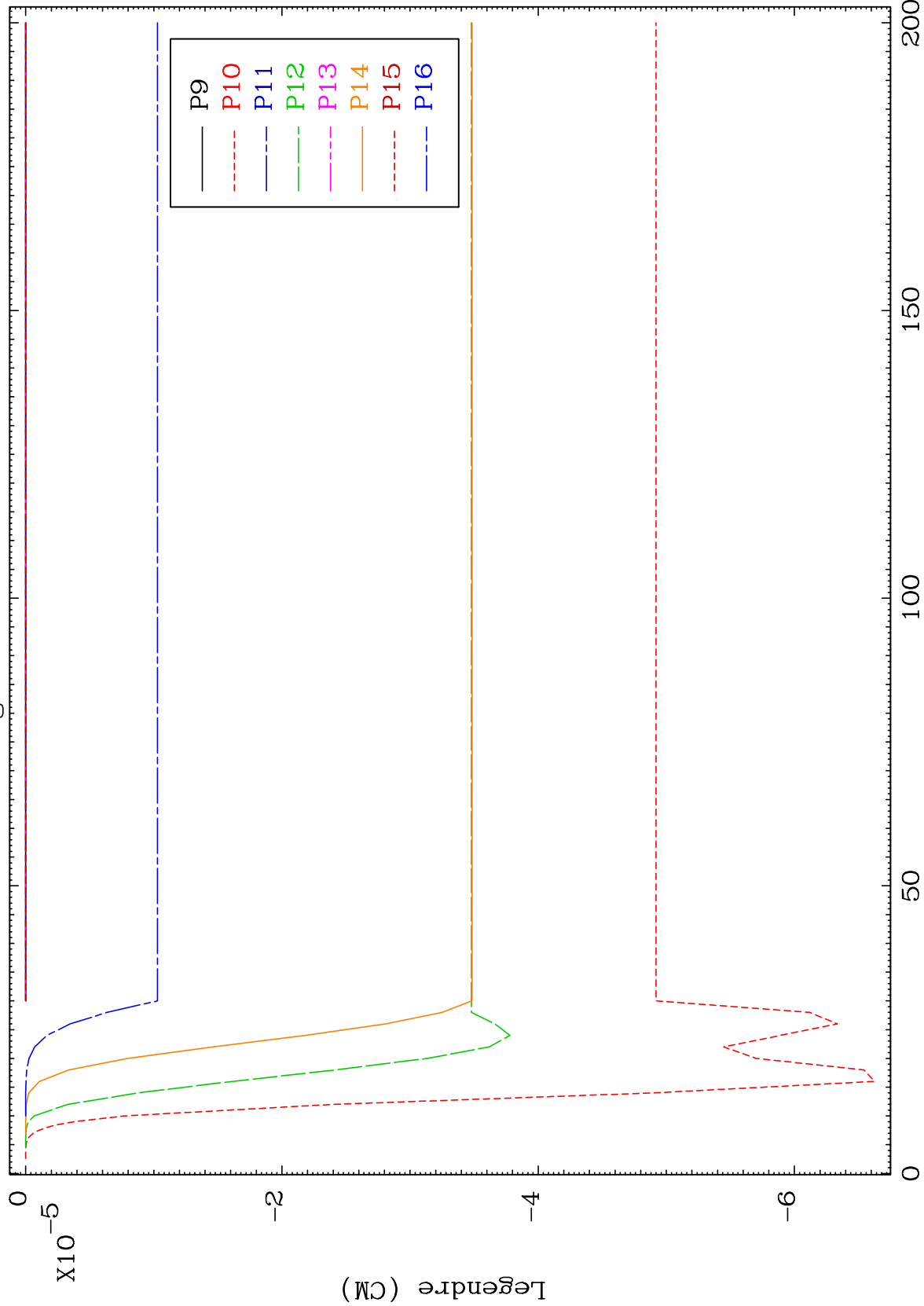


79

Incident Energy (MeV)

39-Y -88

MAT 3922 MT= 68 (n,n') Level Legendre Coefficients 39-Y -88

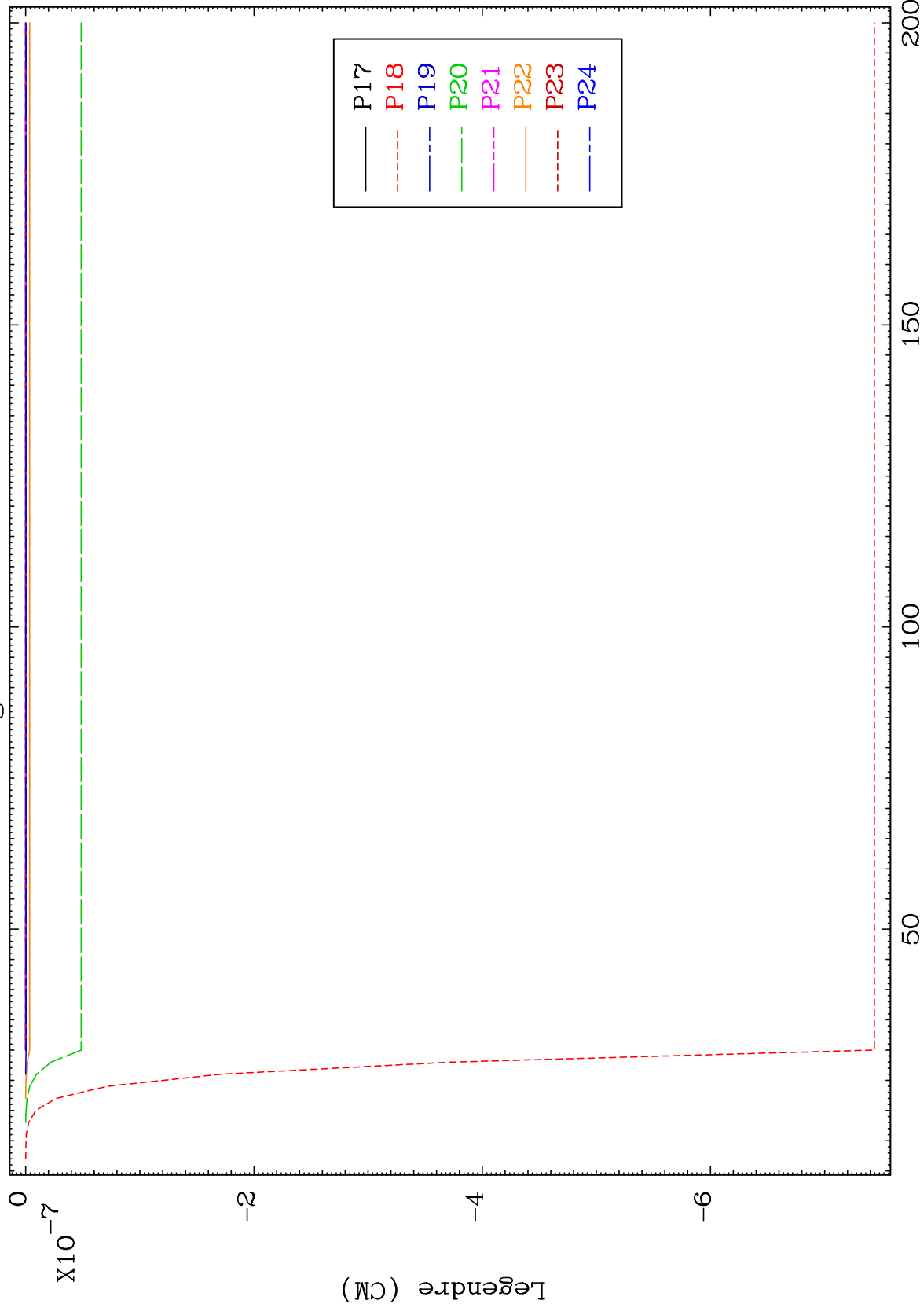


81 39-Y -88

MAT 3922 MT= 68 (n,n') Level

Legendre Coefficients

39-Y -88

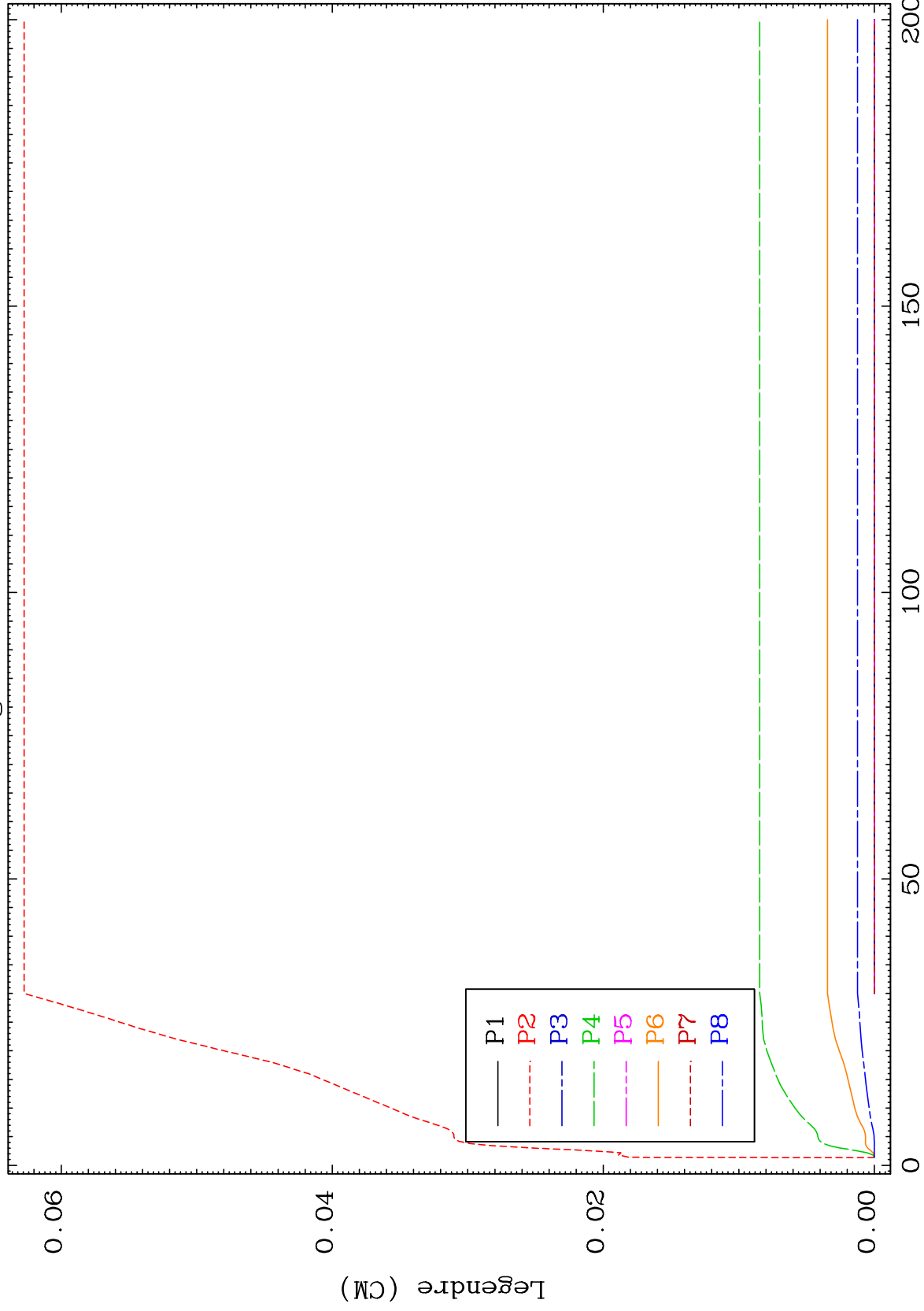


82 Incident Energy (MeV) 39-Y -88

MAT 3922

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

39-Y -88



83

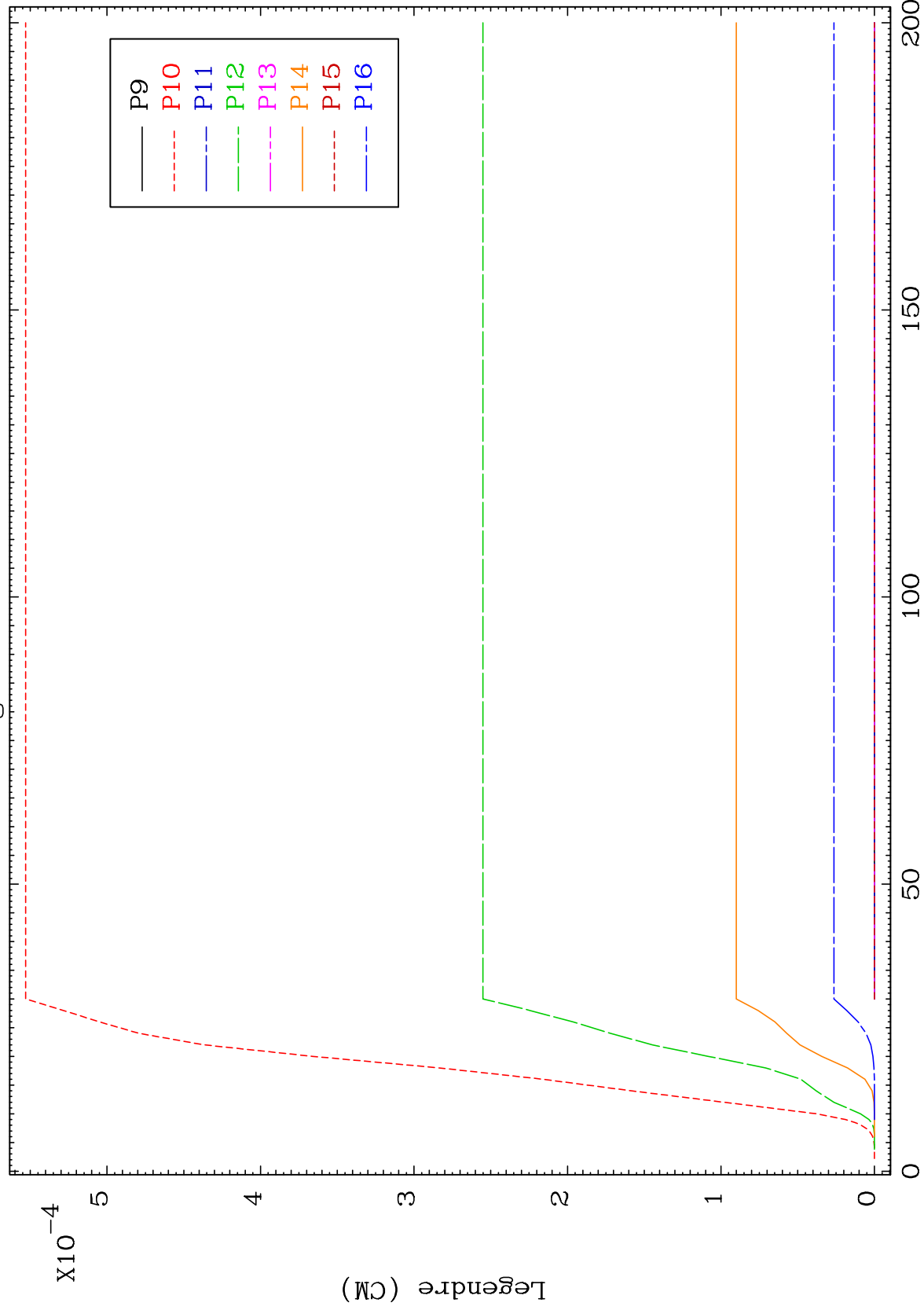
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88



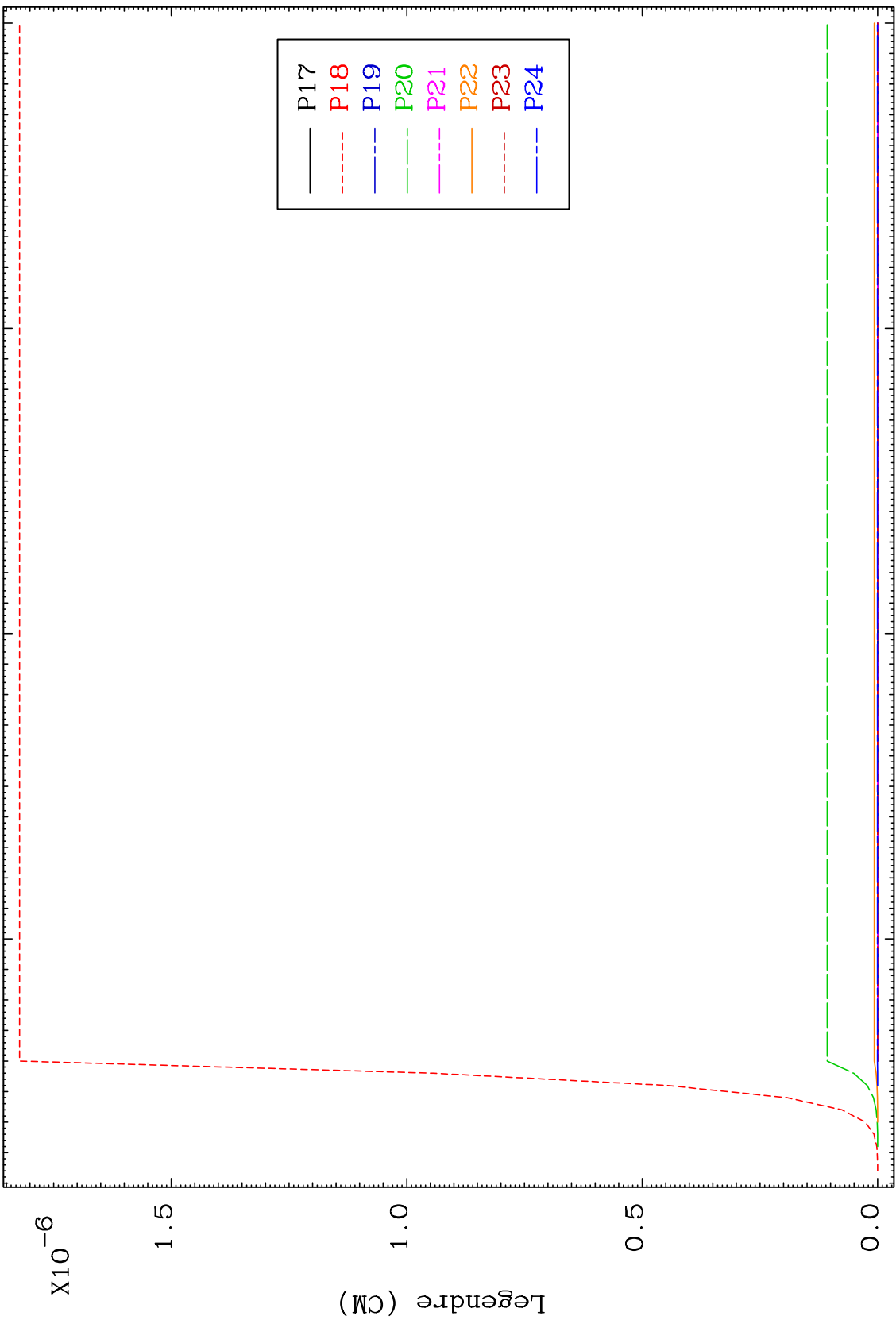
84

Incident Energy (MeV)

39-Y -88

MAT 3922 MT= 69 (n,n') Level 39-Y -88

Legendre Coefficients

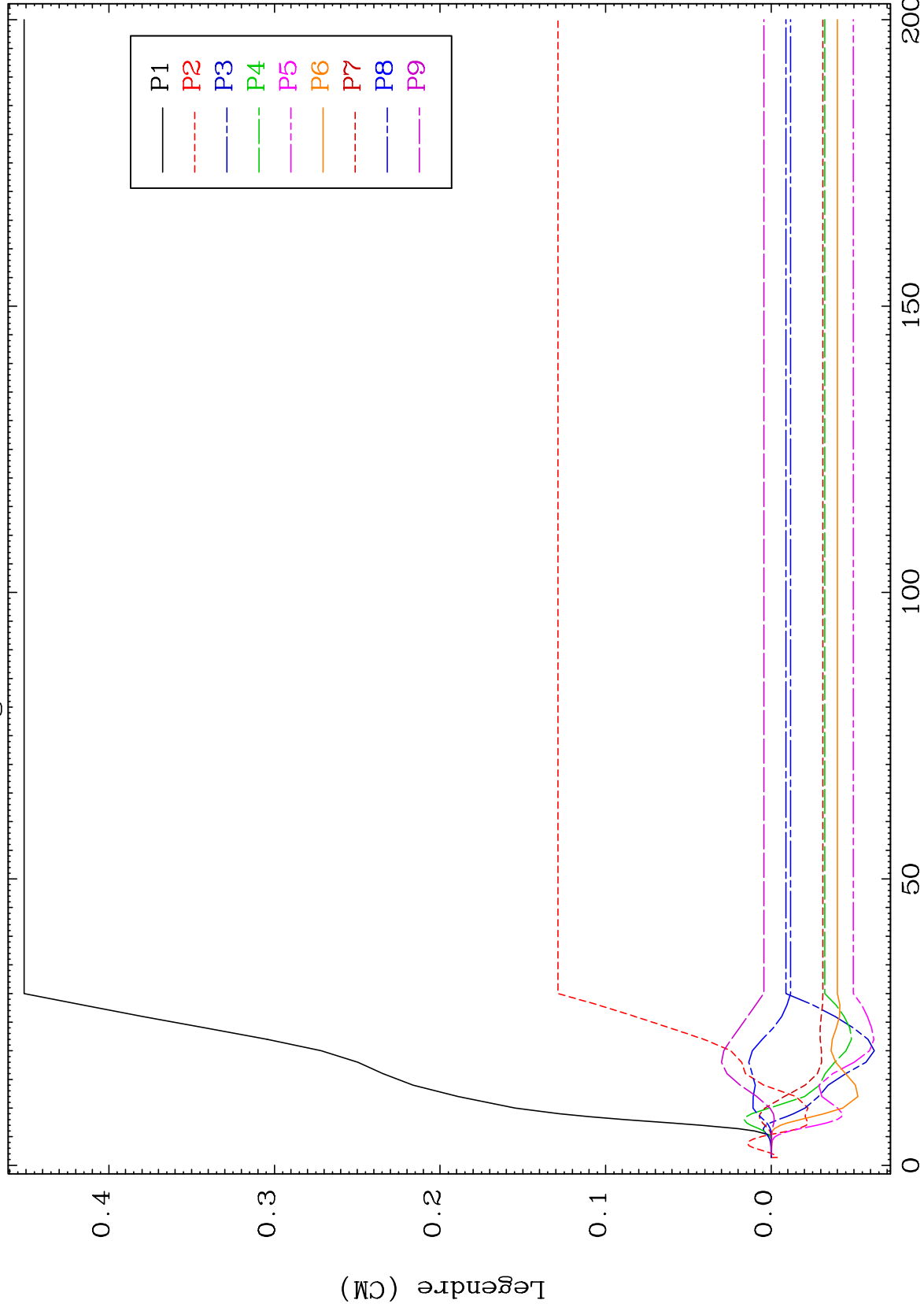


85 50 100 150 200 39-Y -88

MAT 3922

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

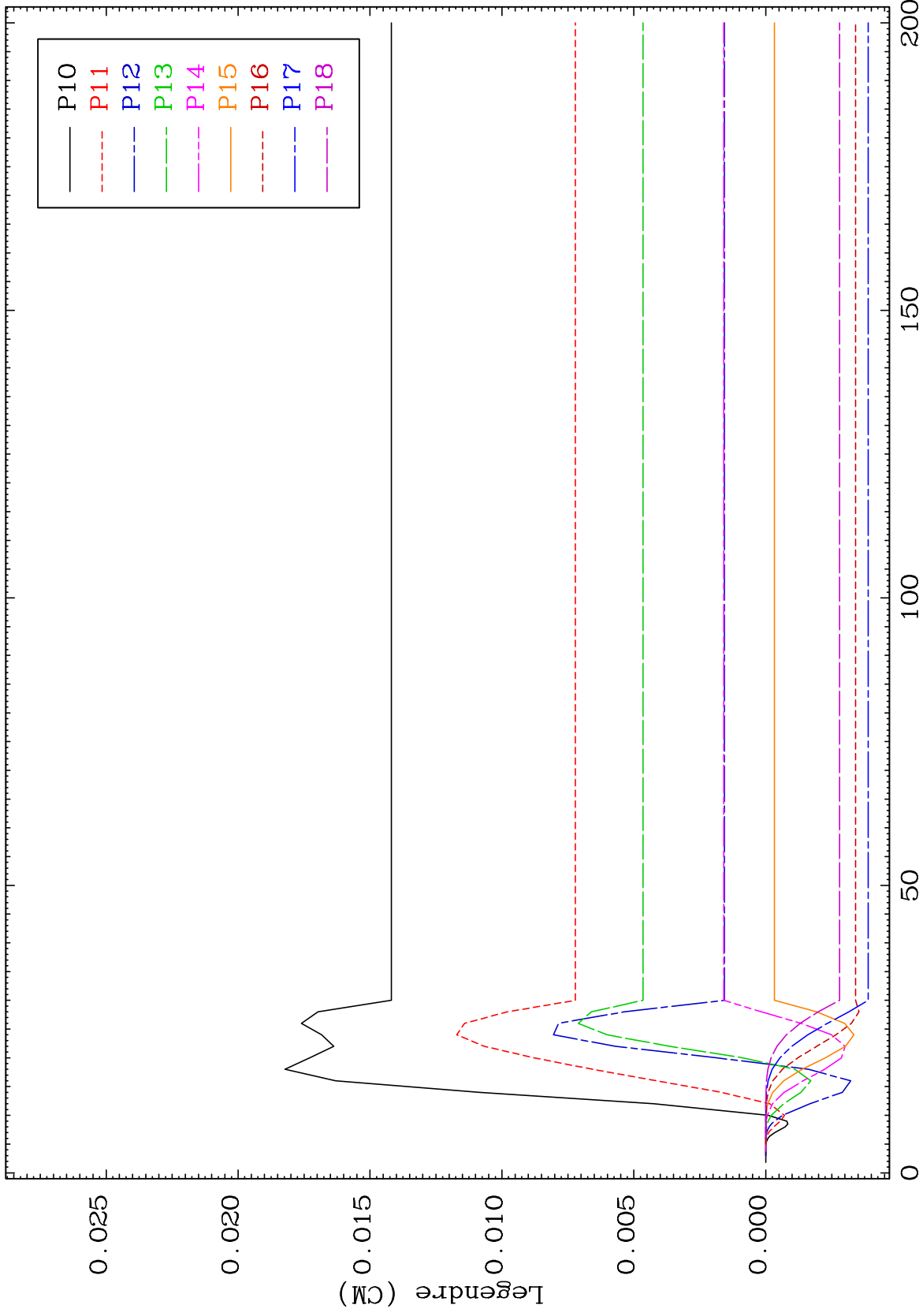
39-Y -88

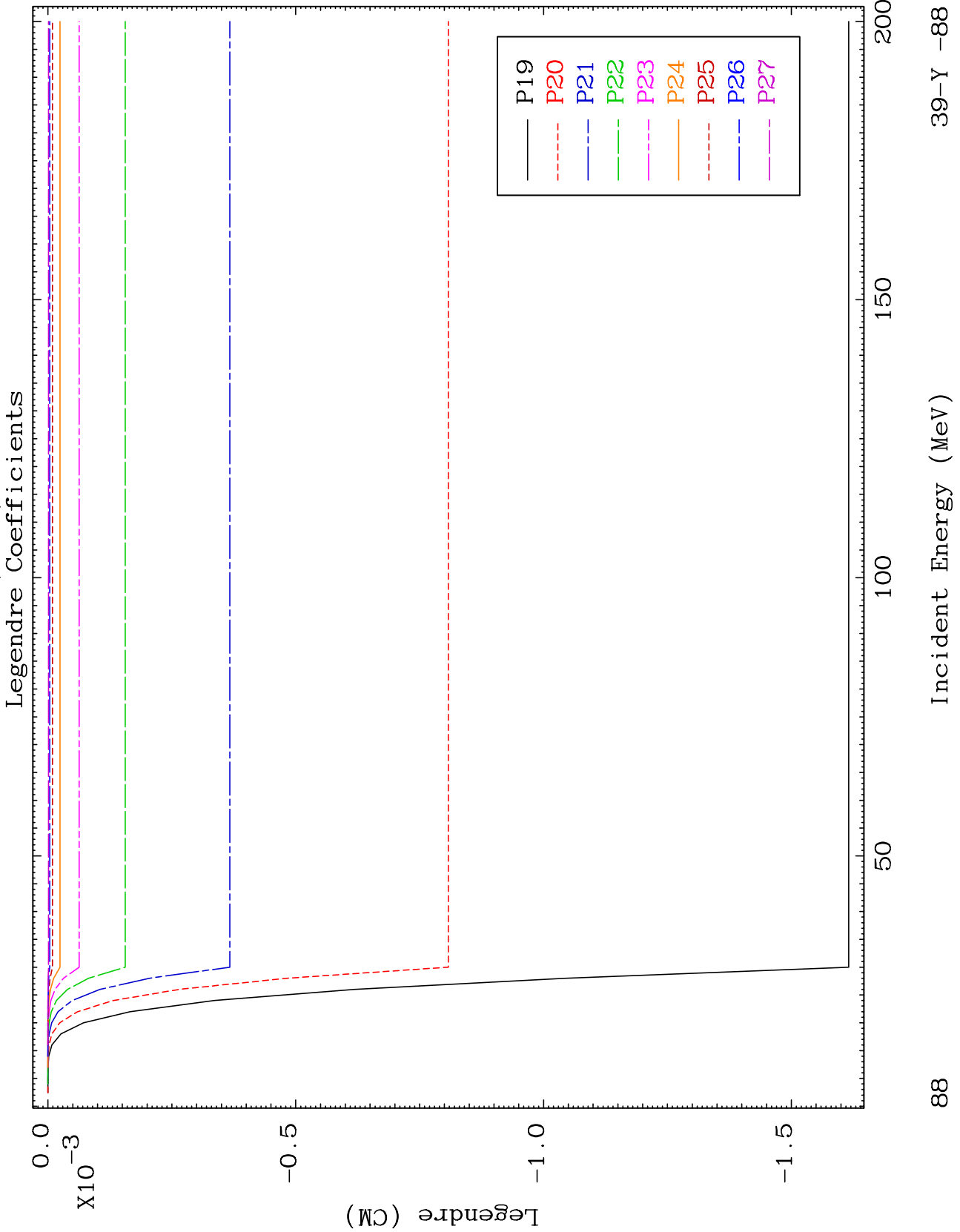


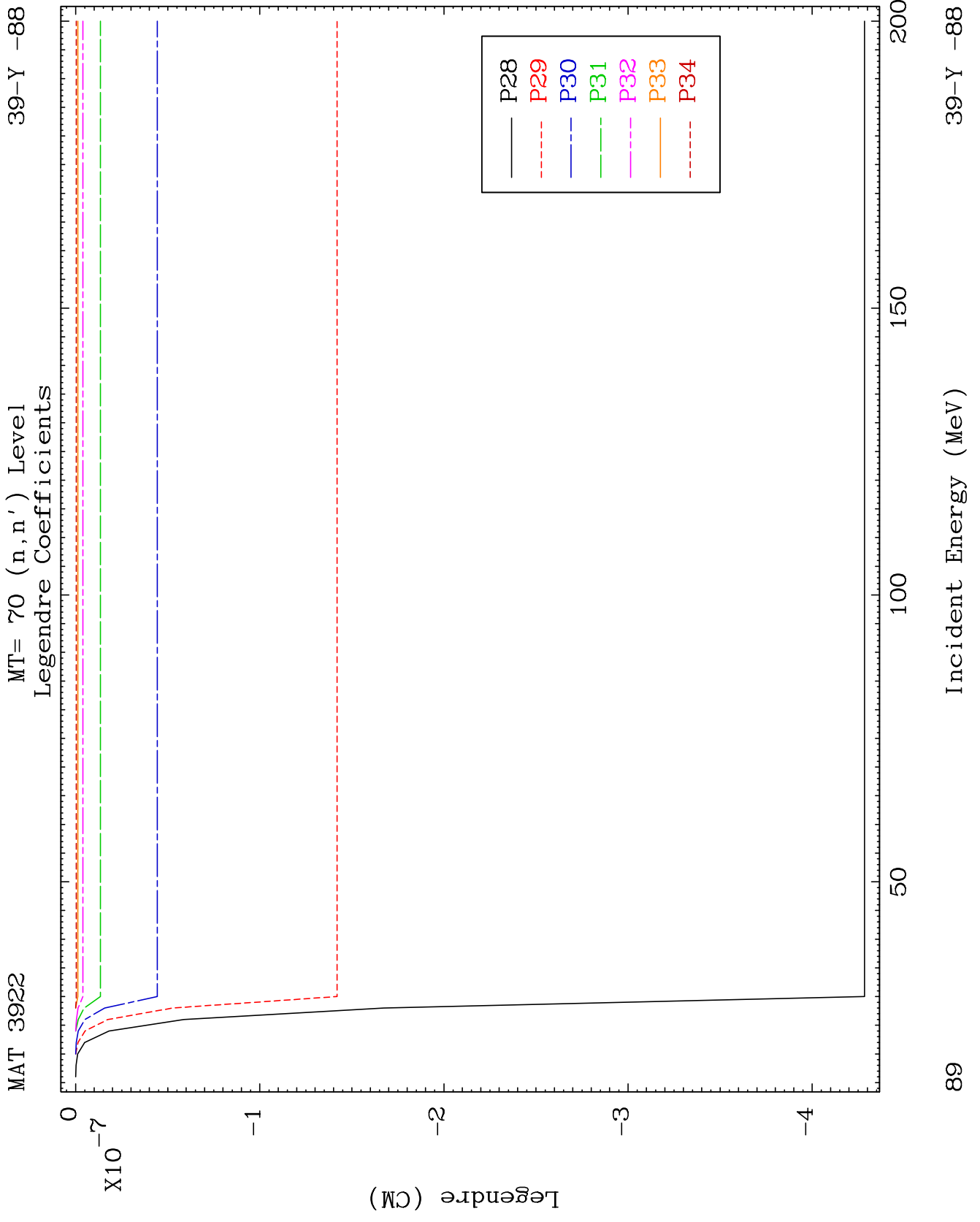
86

Incident Energy (MeV)

39-Y -88



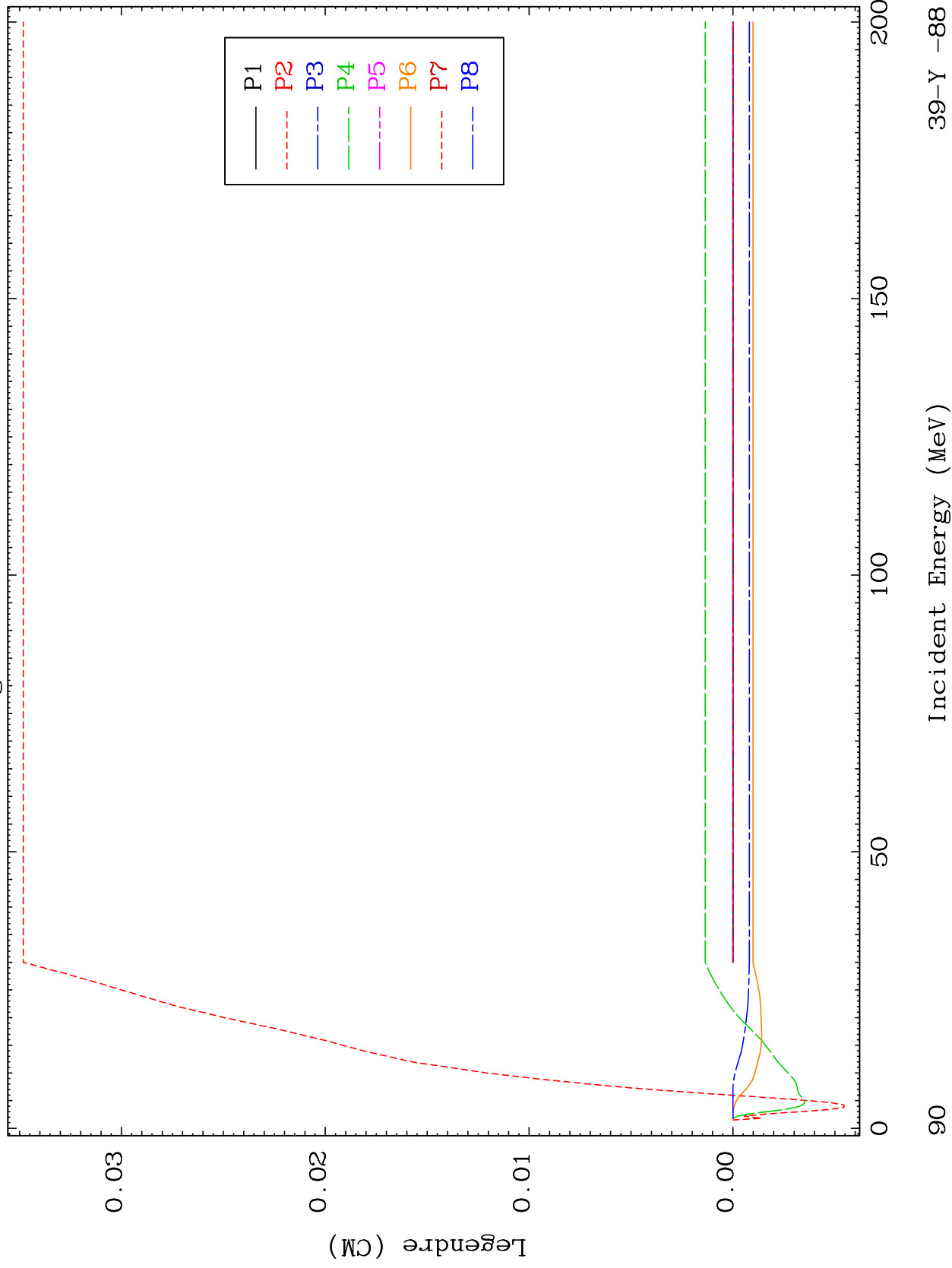




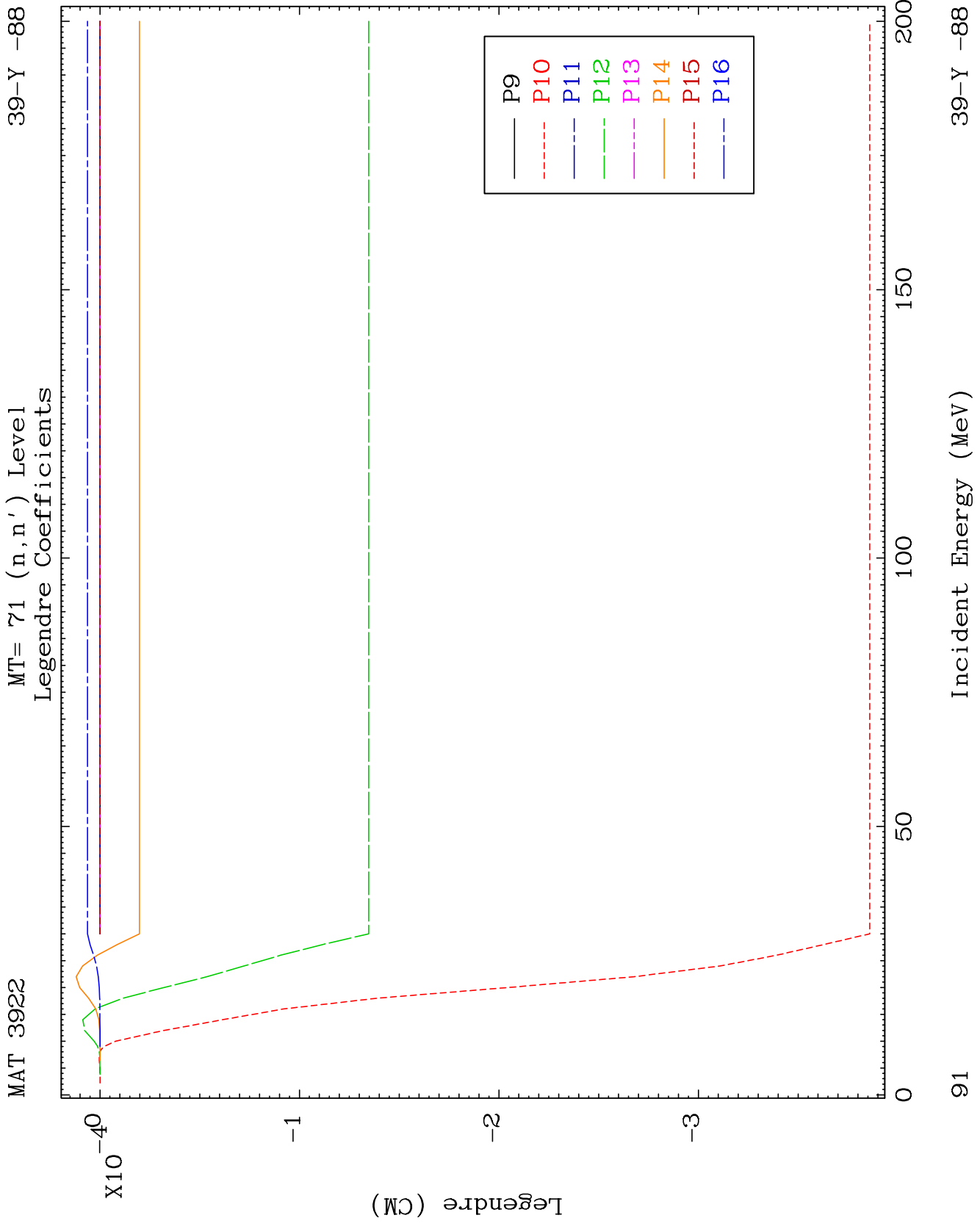
MAT 3922

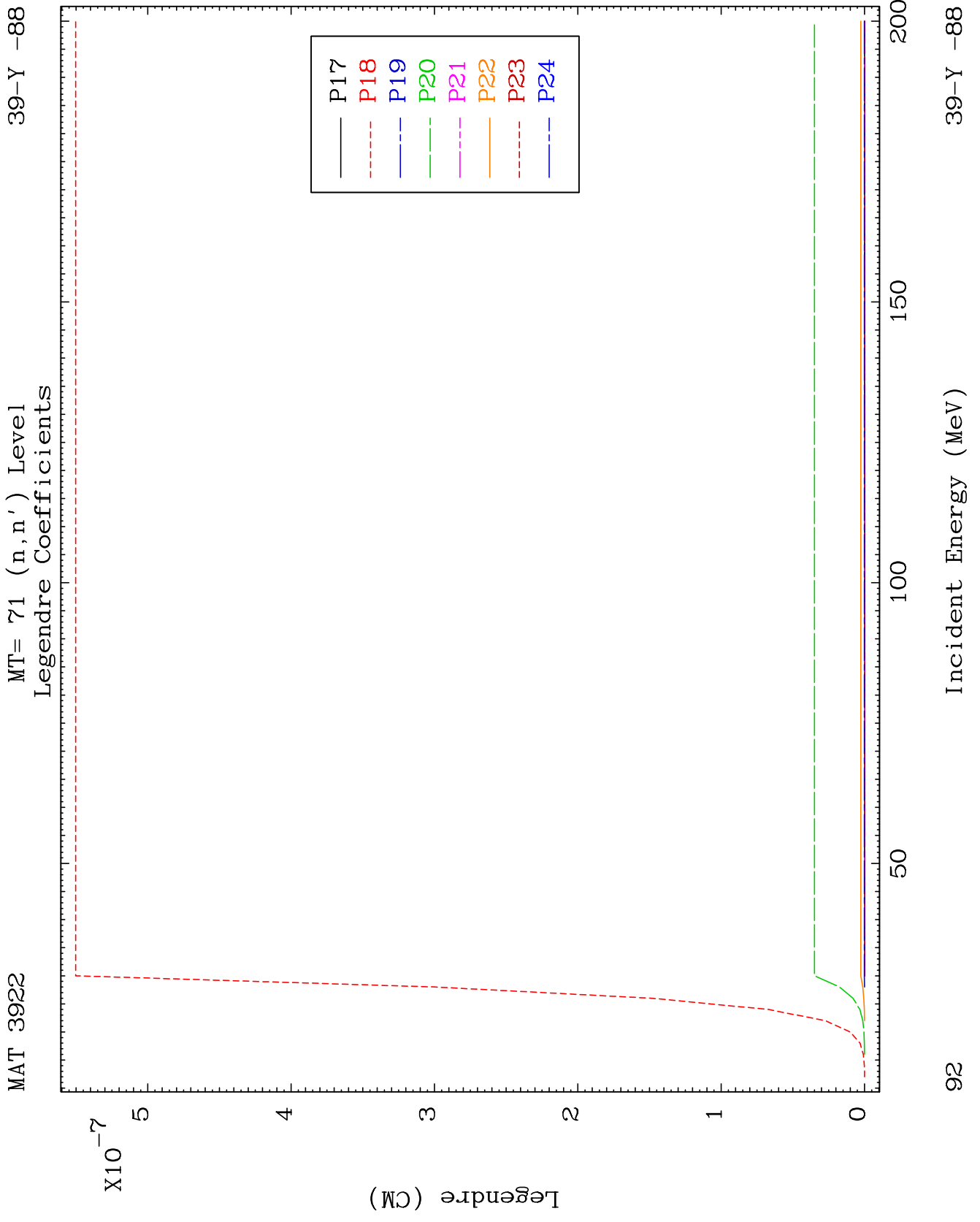
MT= 71 (n,n') Level
Legendre Coefficients

39-Y -88



39-Y -88

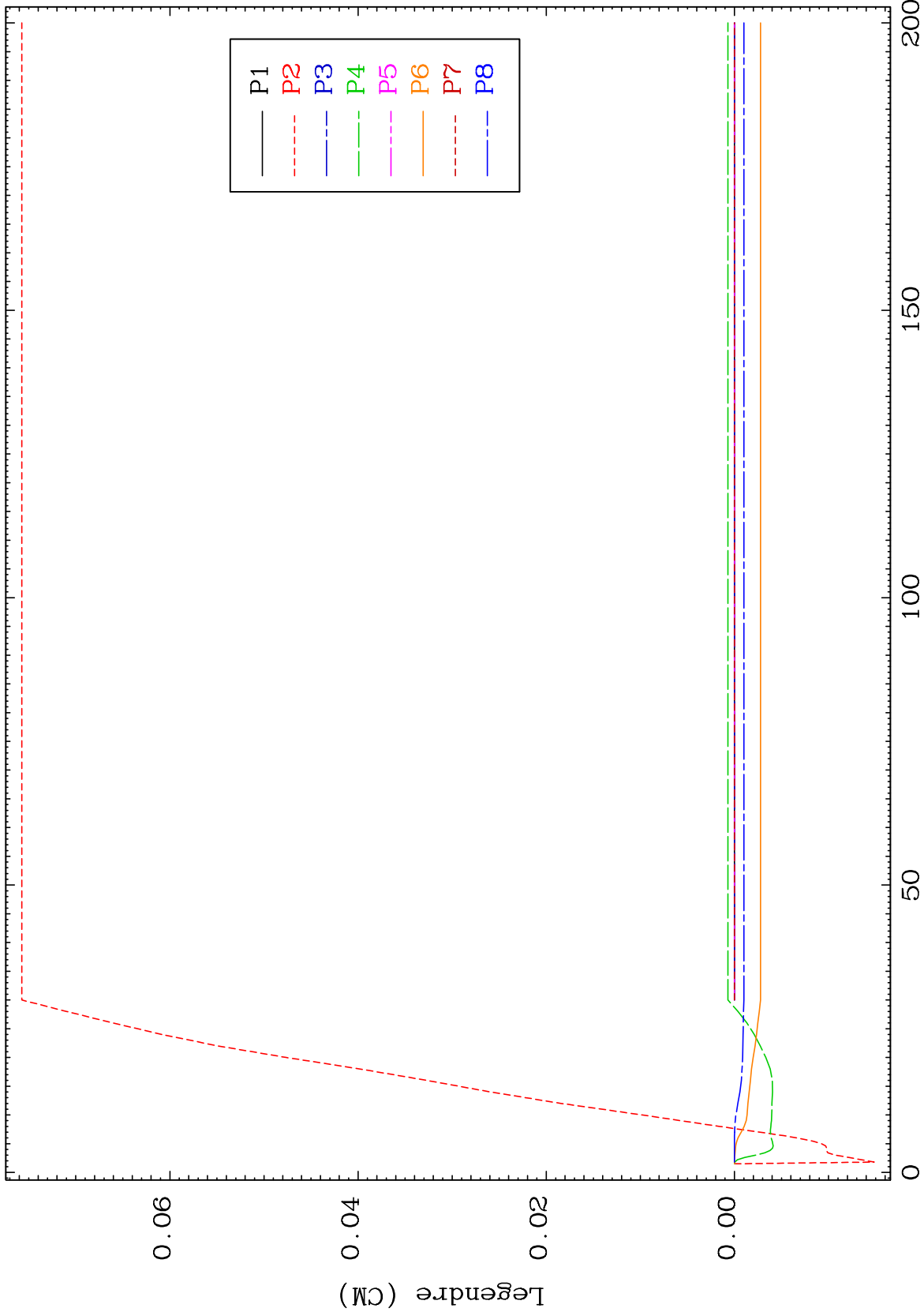




MAT 3922

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

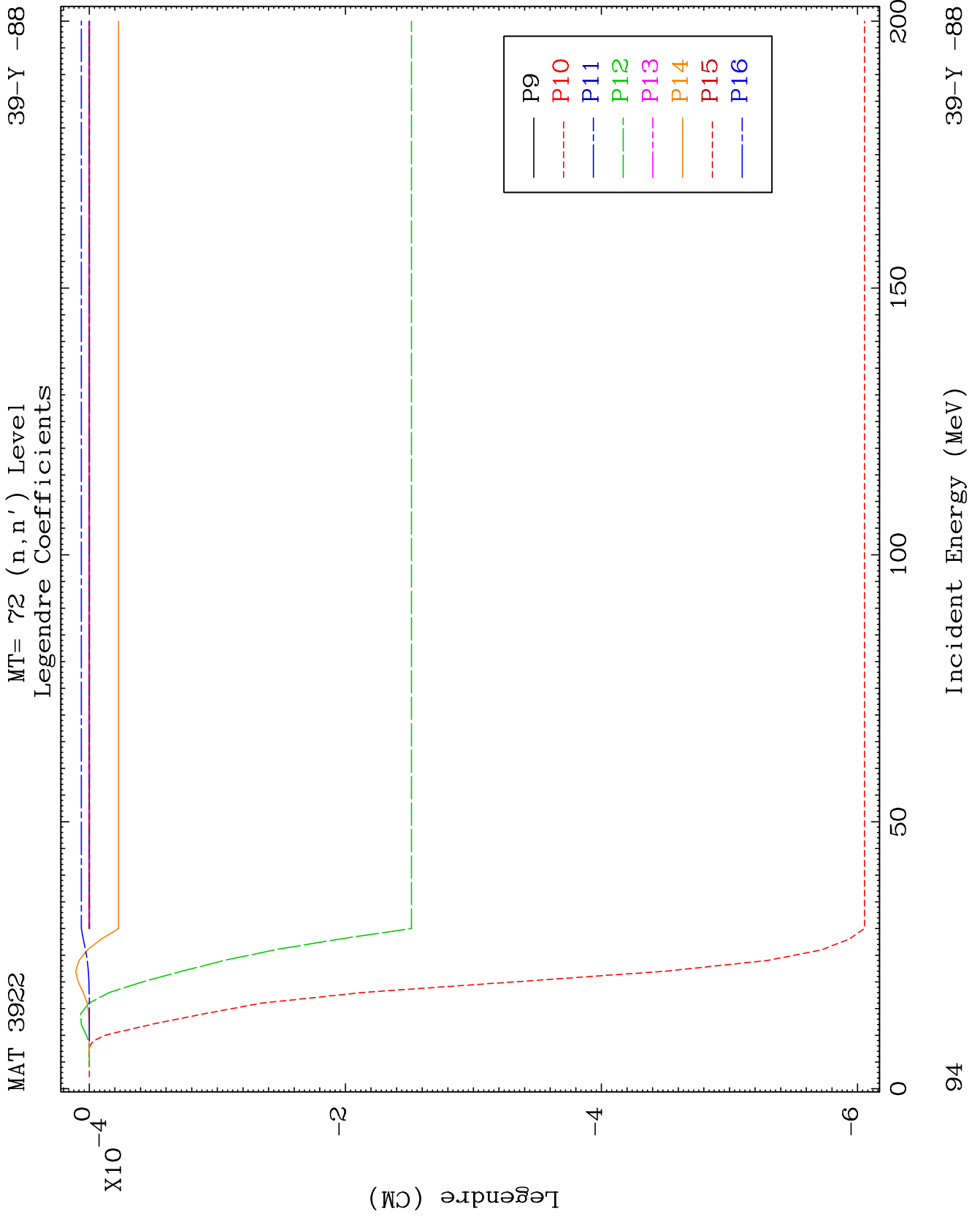
39-Y -88

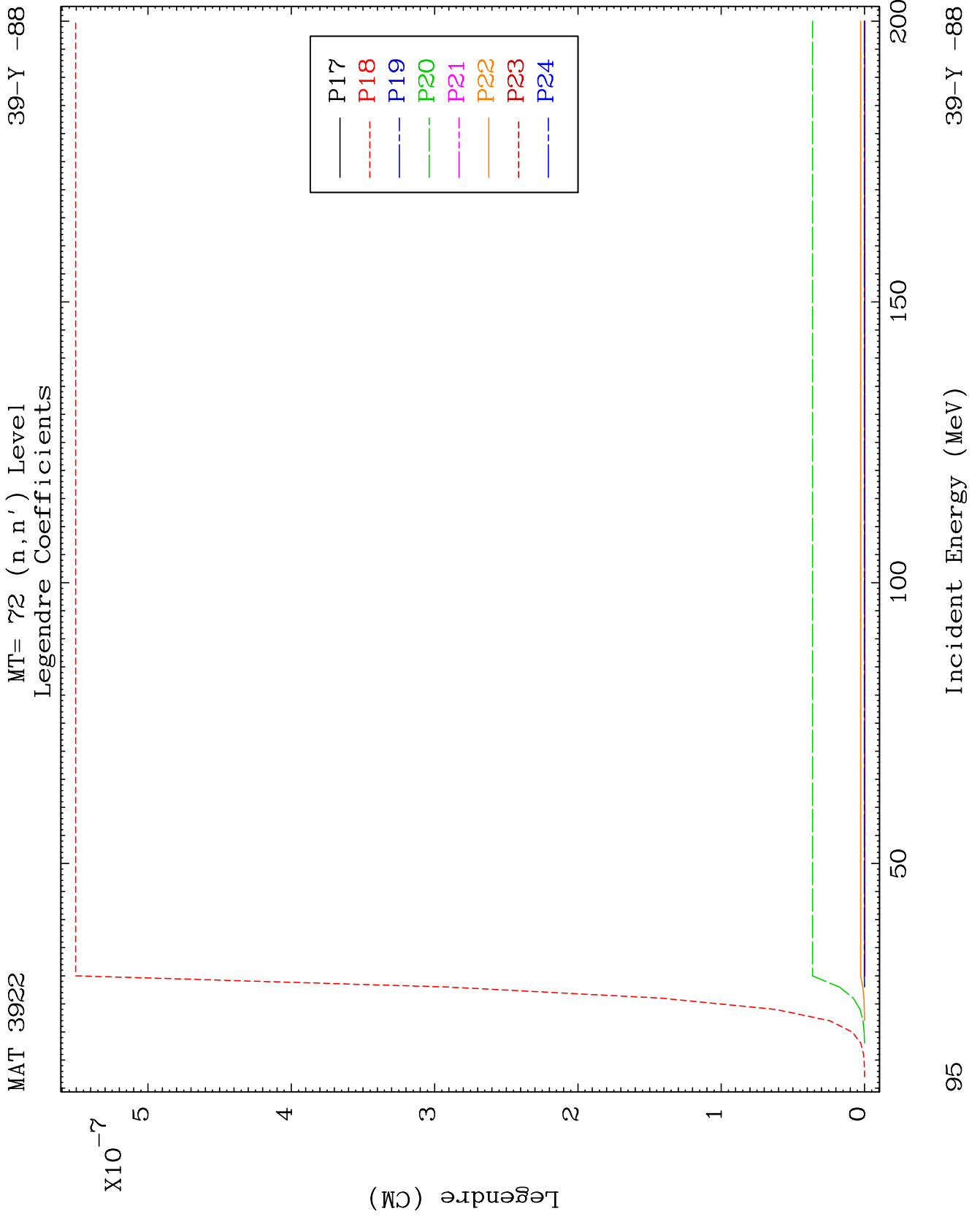


93

Incident Energy (MeV)

39-Y -88

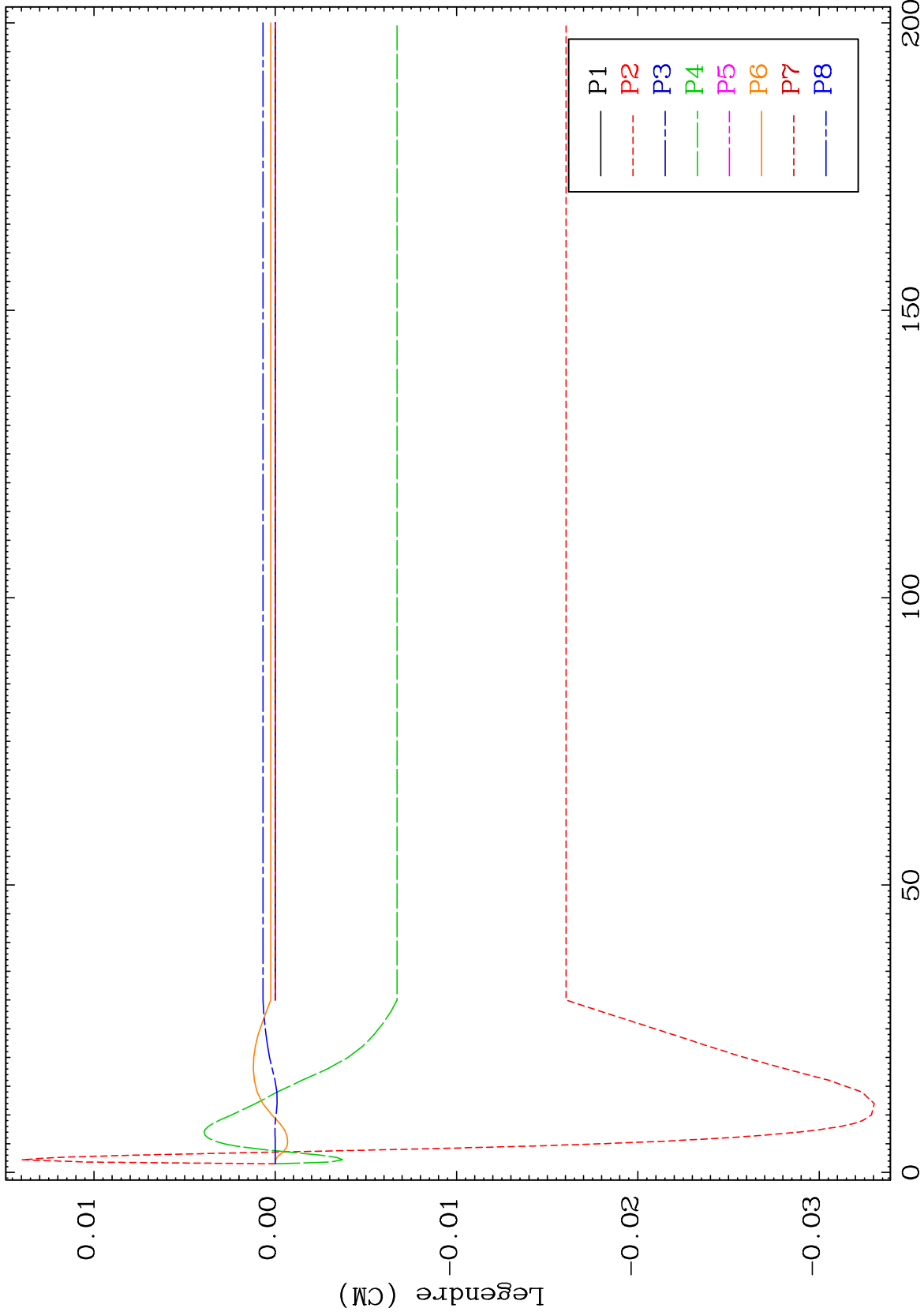




MAT 3922

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

39-Y -88



39-Y -88

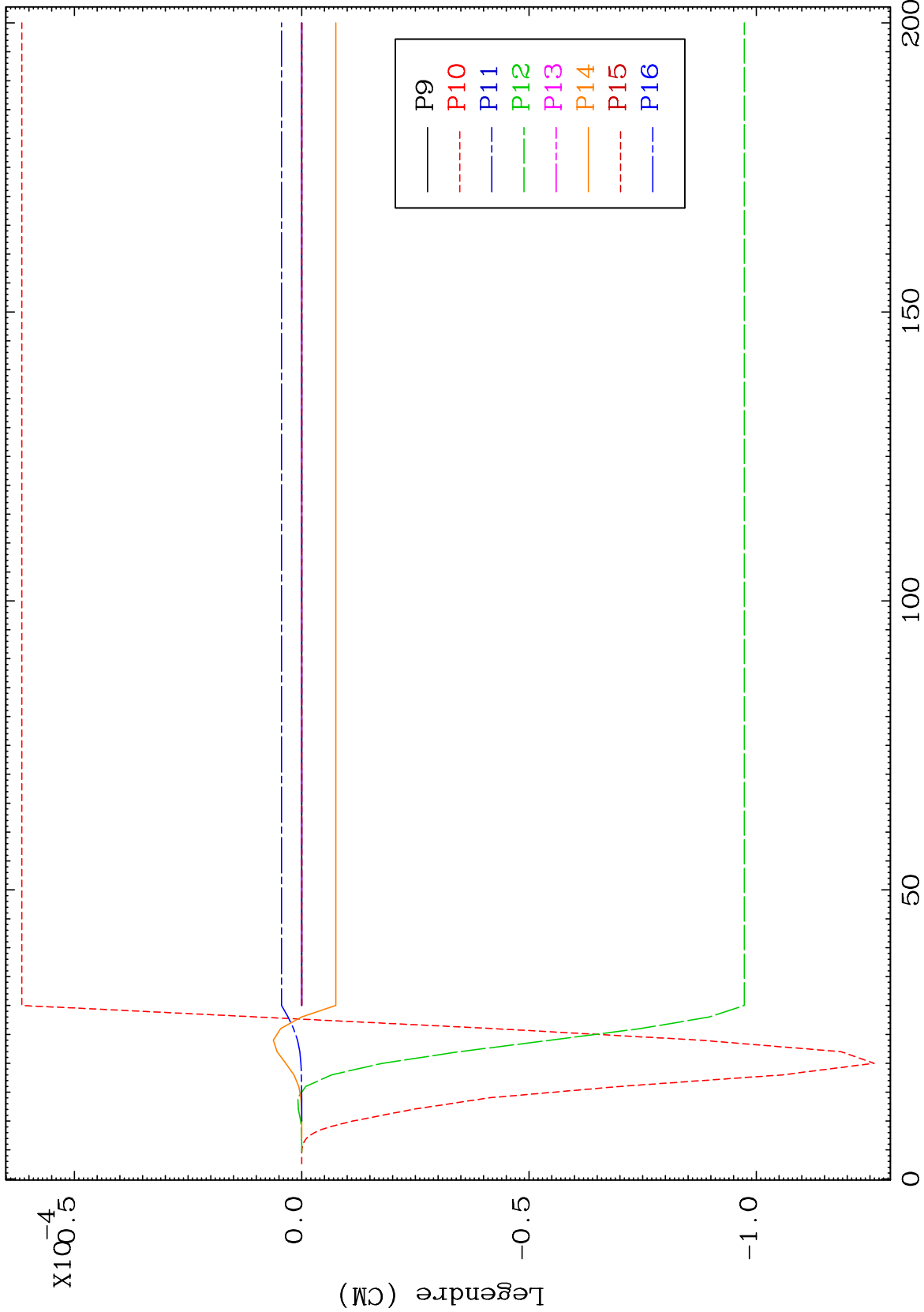
Incident Energy (MeV)

96

MAT 3922

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

39-Y -88



97

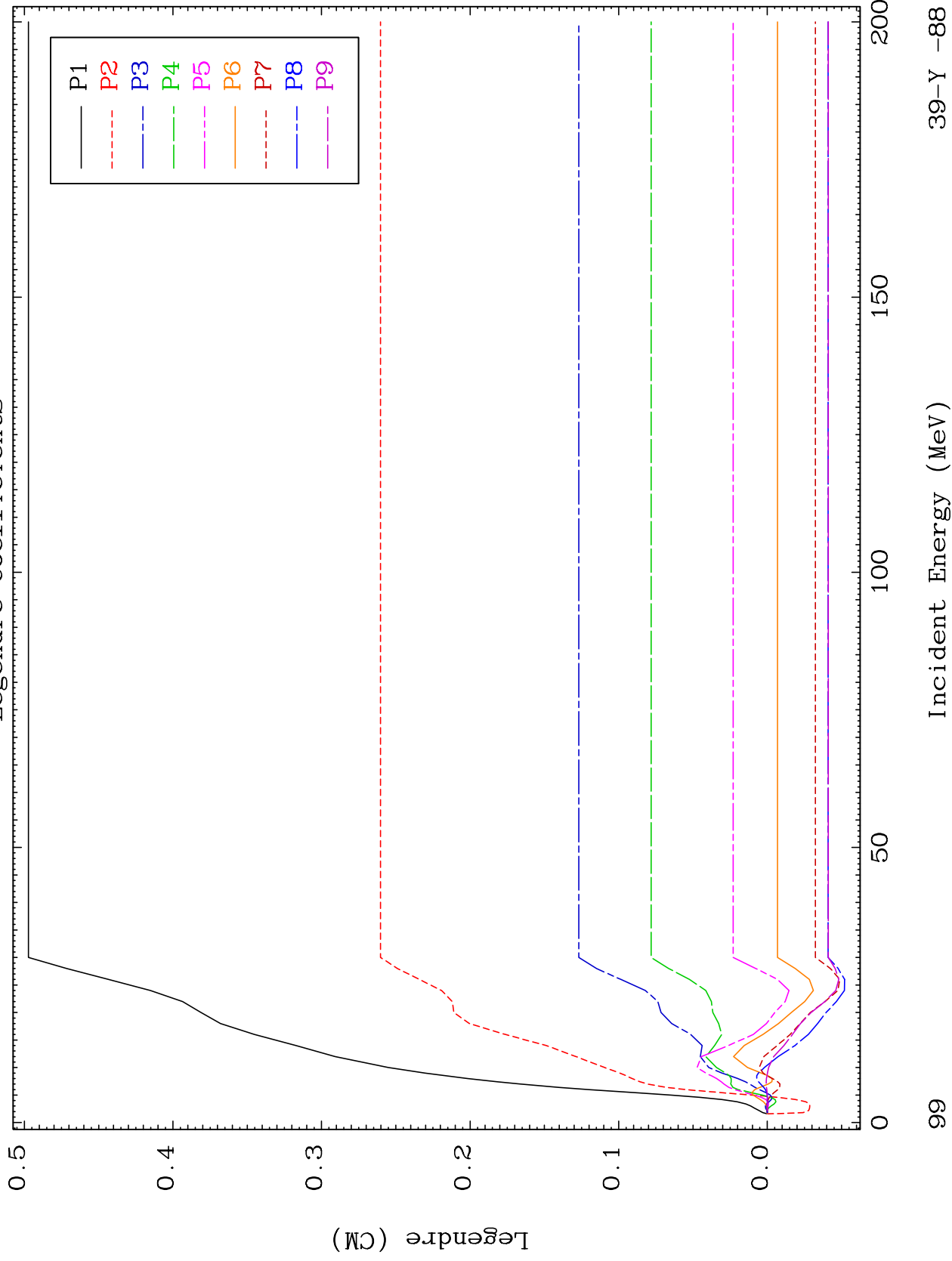
Incident Energy (MeV)

39-Y -88

MAT 3922

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

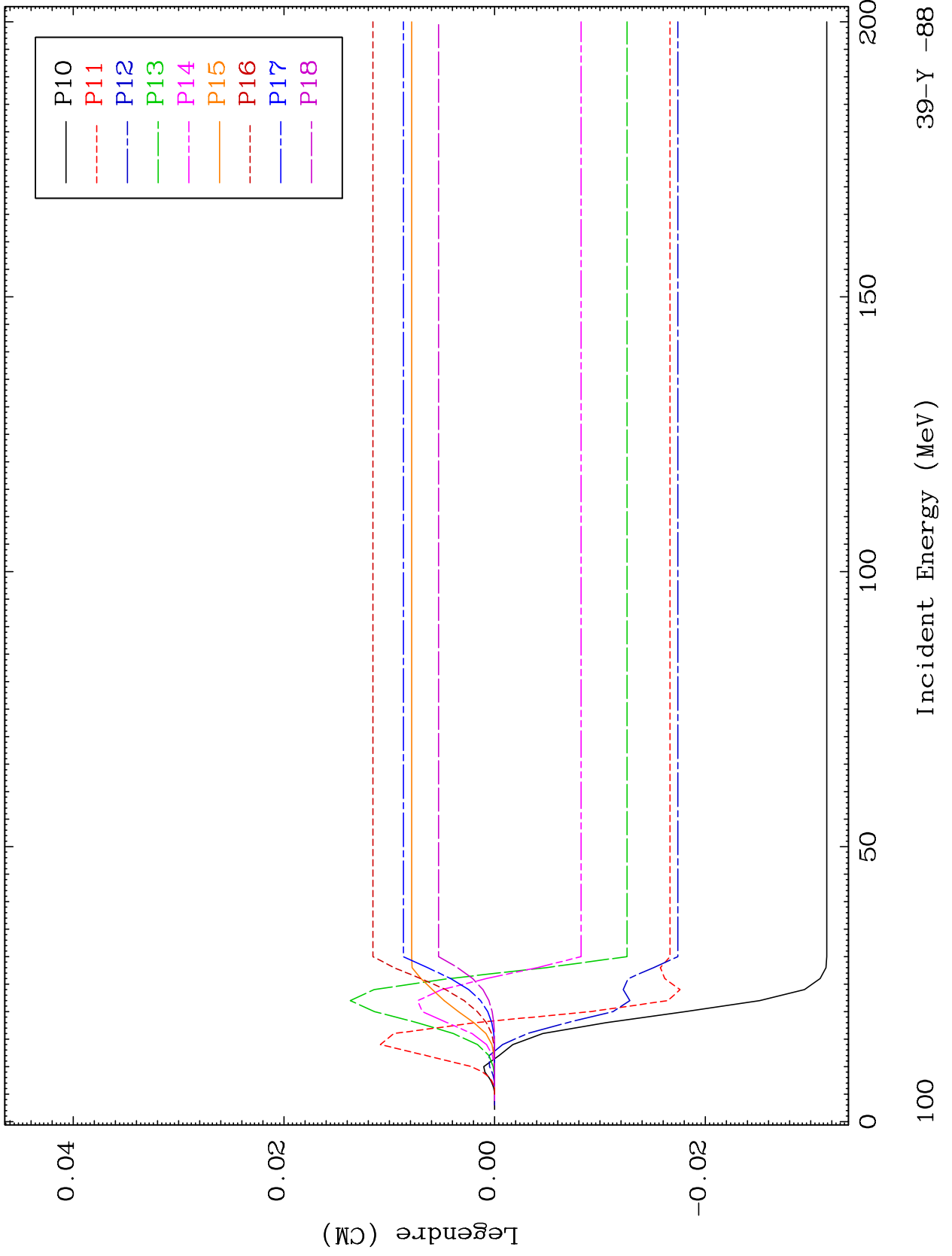
39-Y -88



MAT 3922

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

39-Y -88

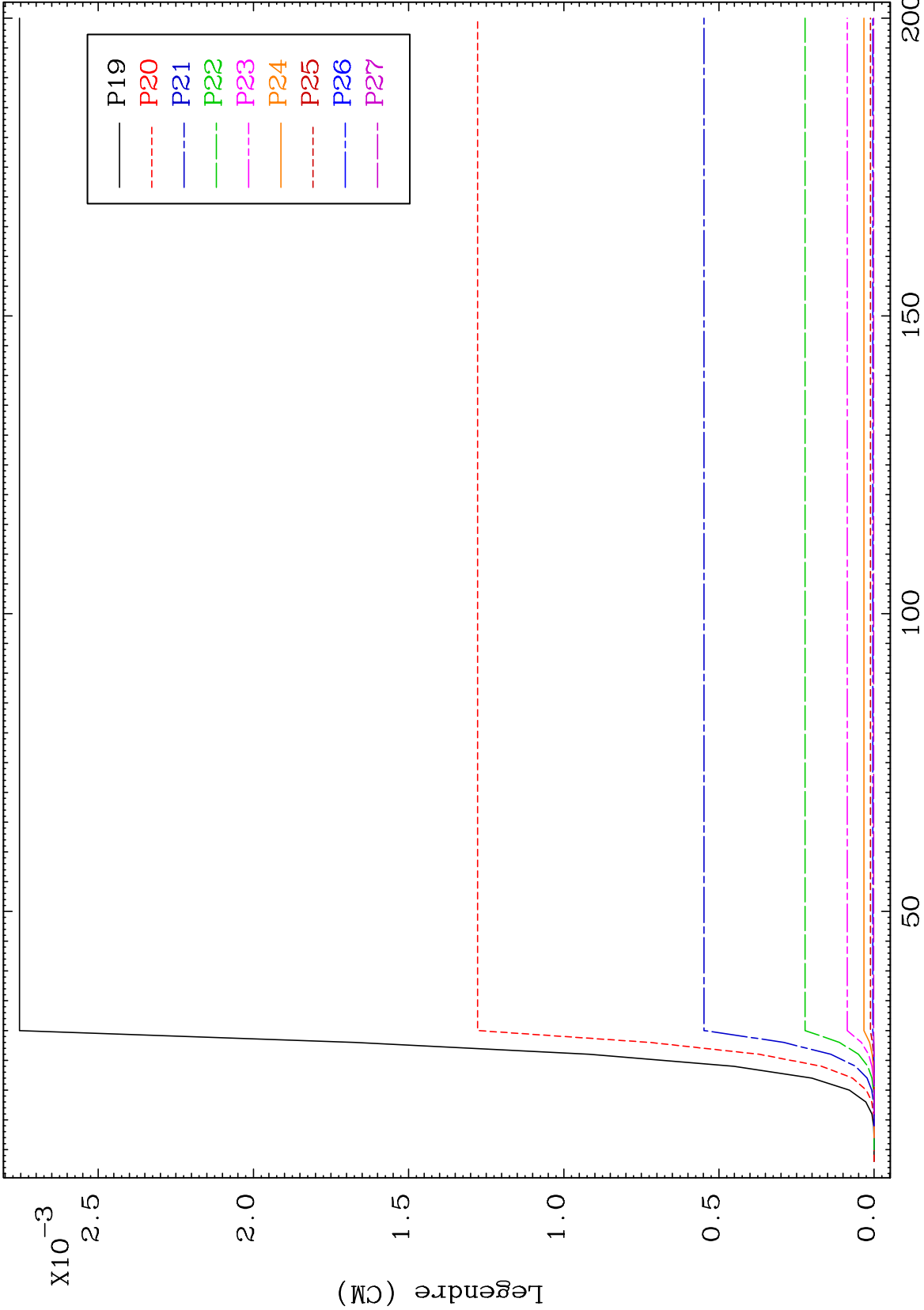


39-Y -88

MAT 3922

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

39-Y -88



101

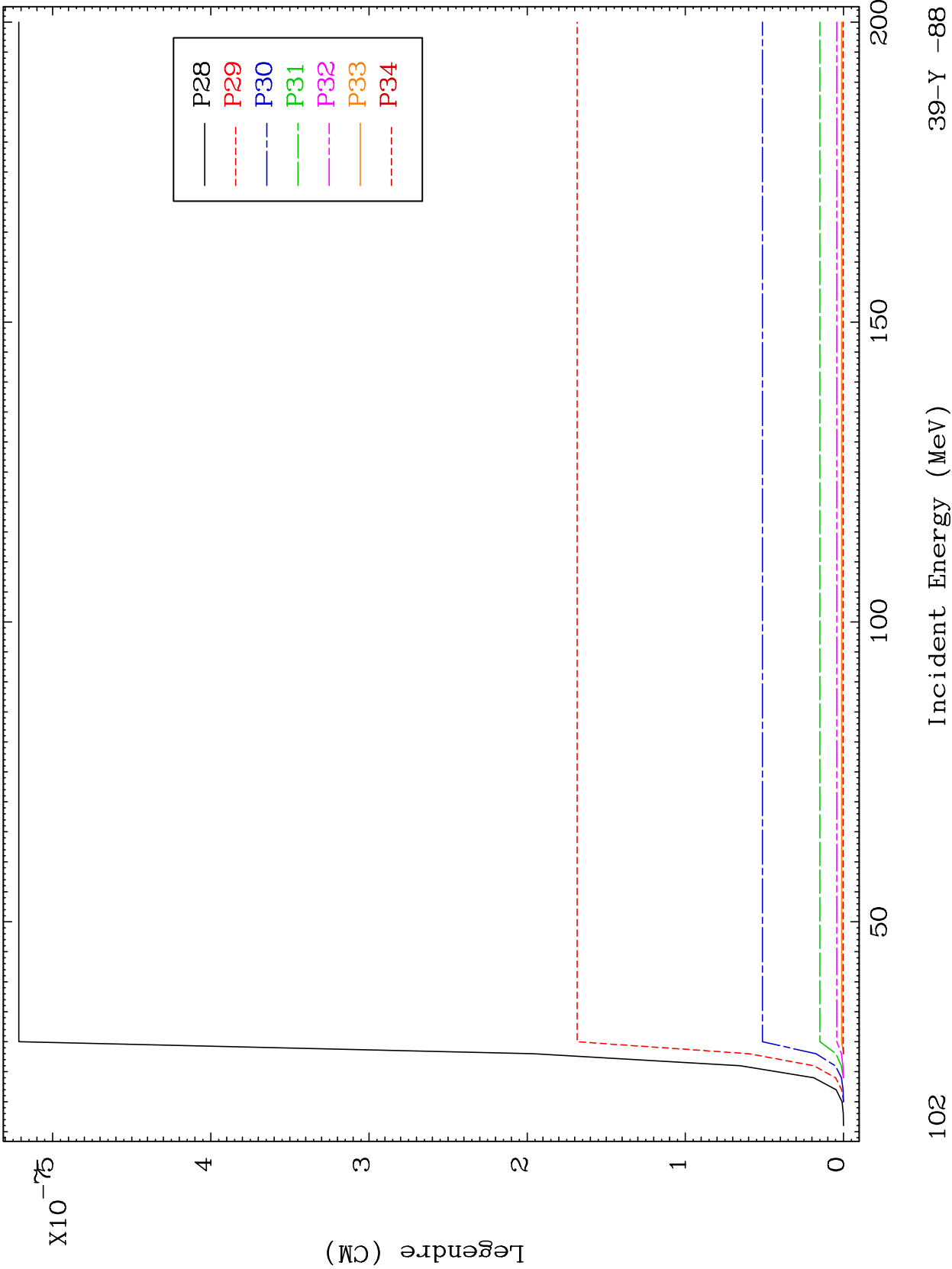
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88



102

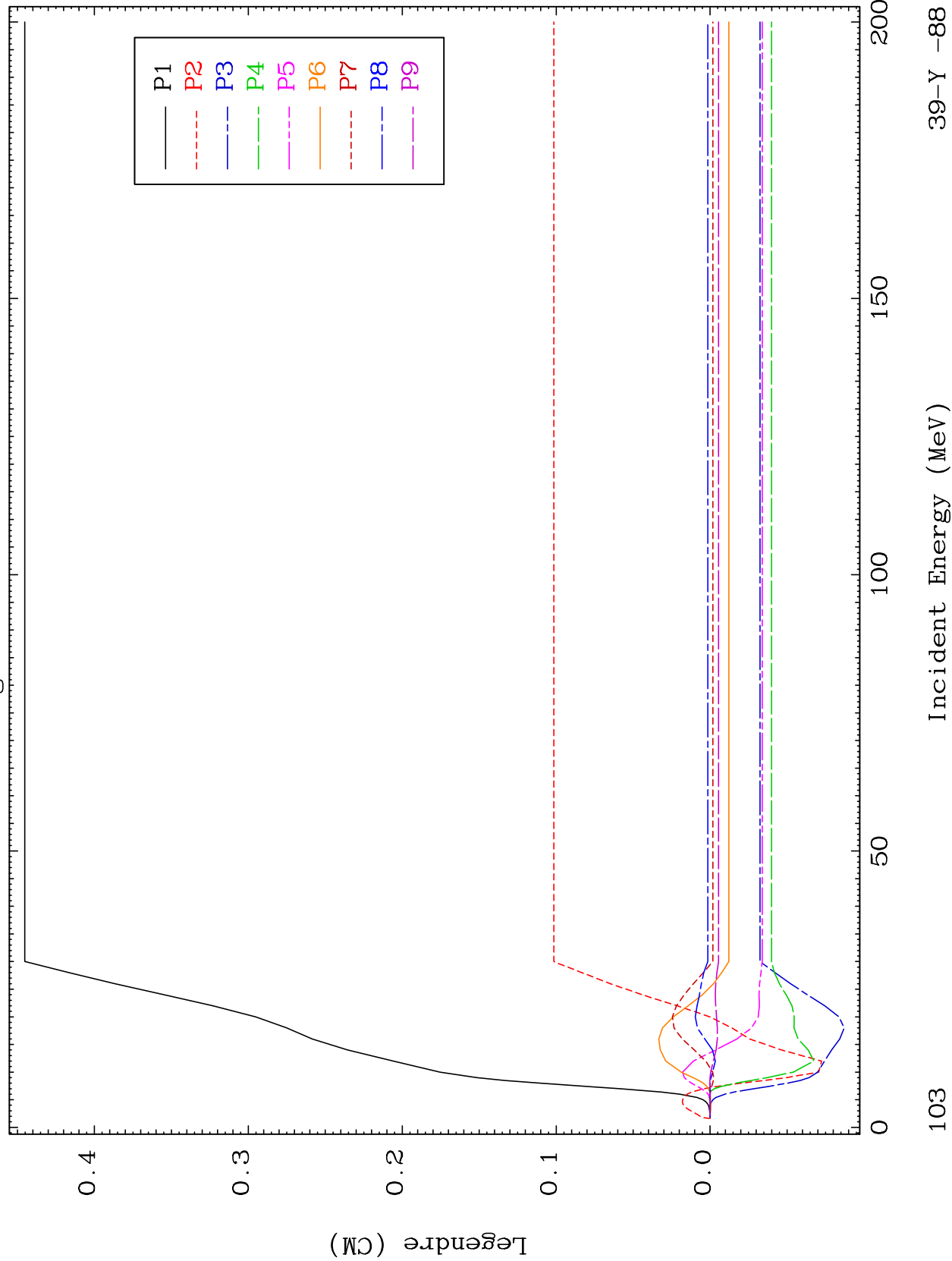
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88



103

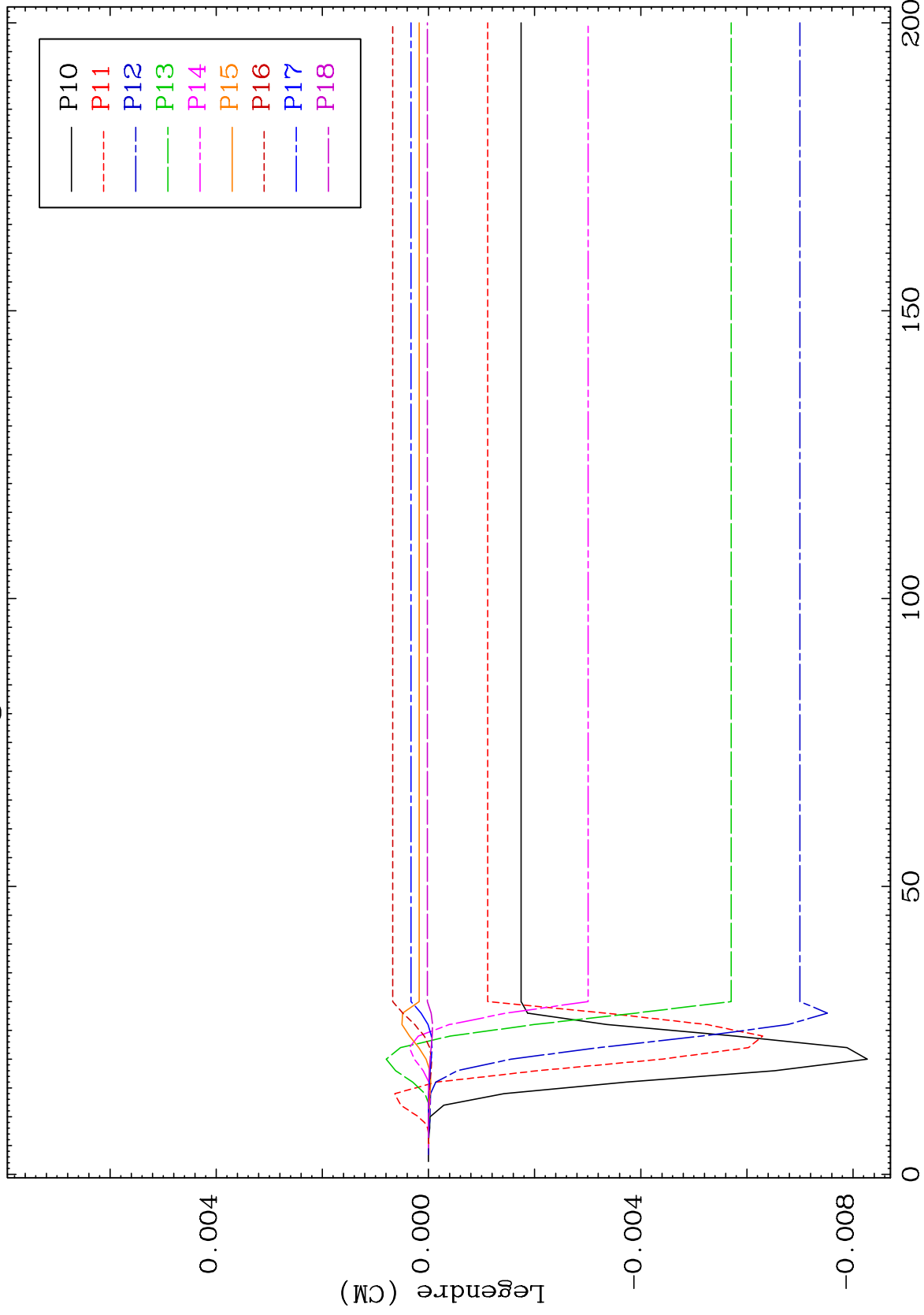
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88



104

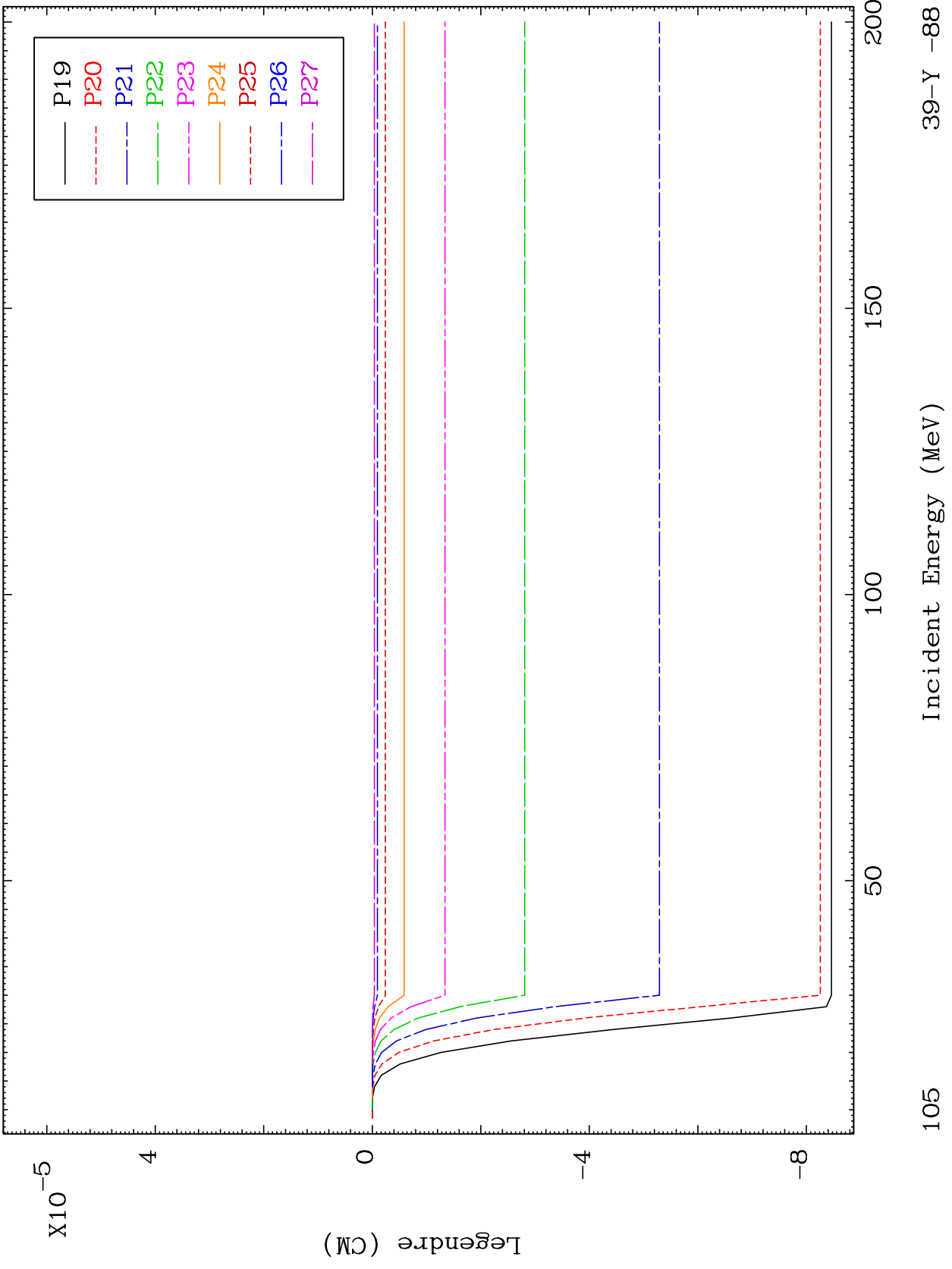
Incident Energy (MeV)

39-Y -88

MAT 3922

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

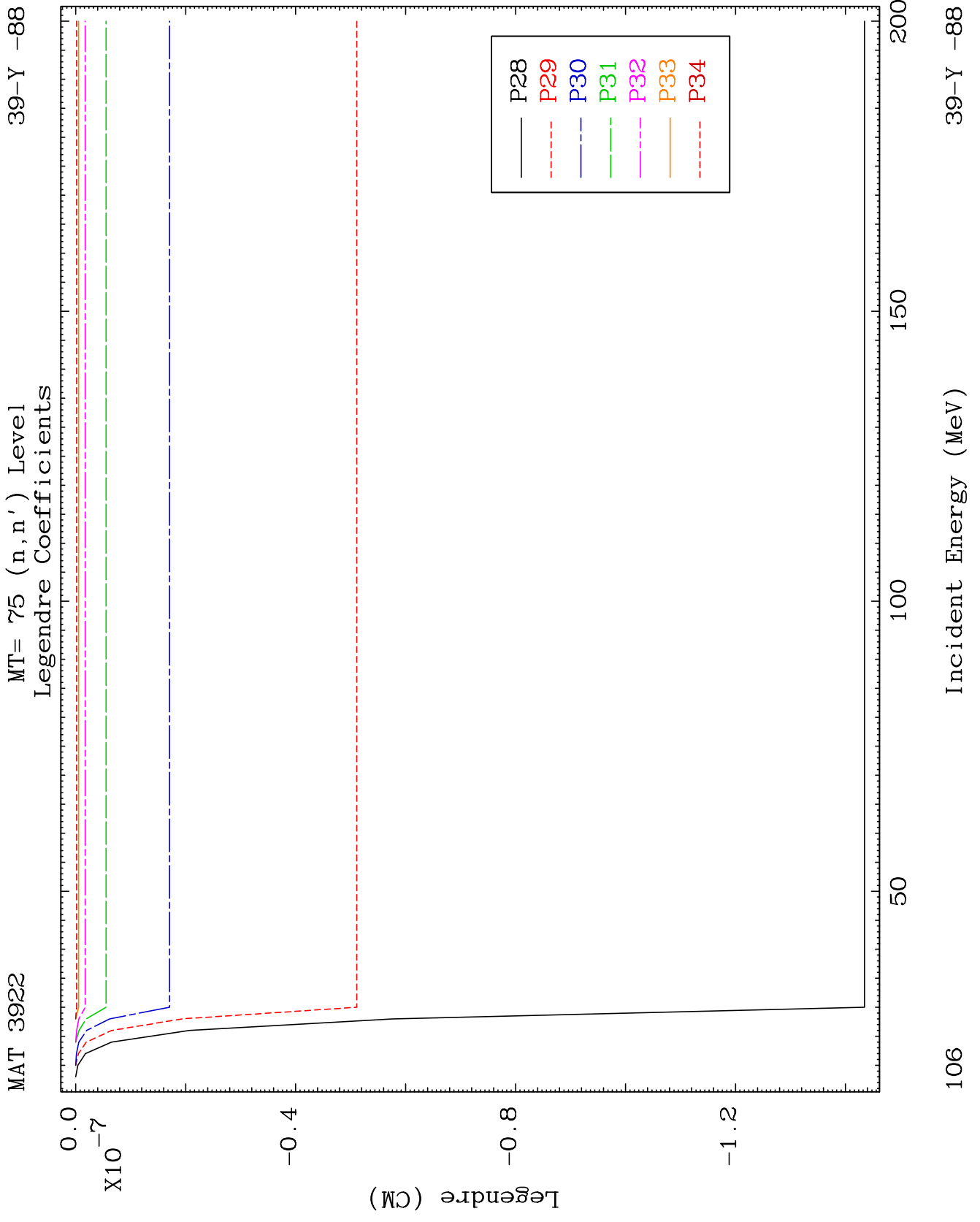
39-Y -88

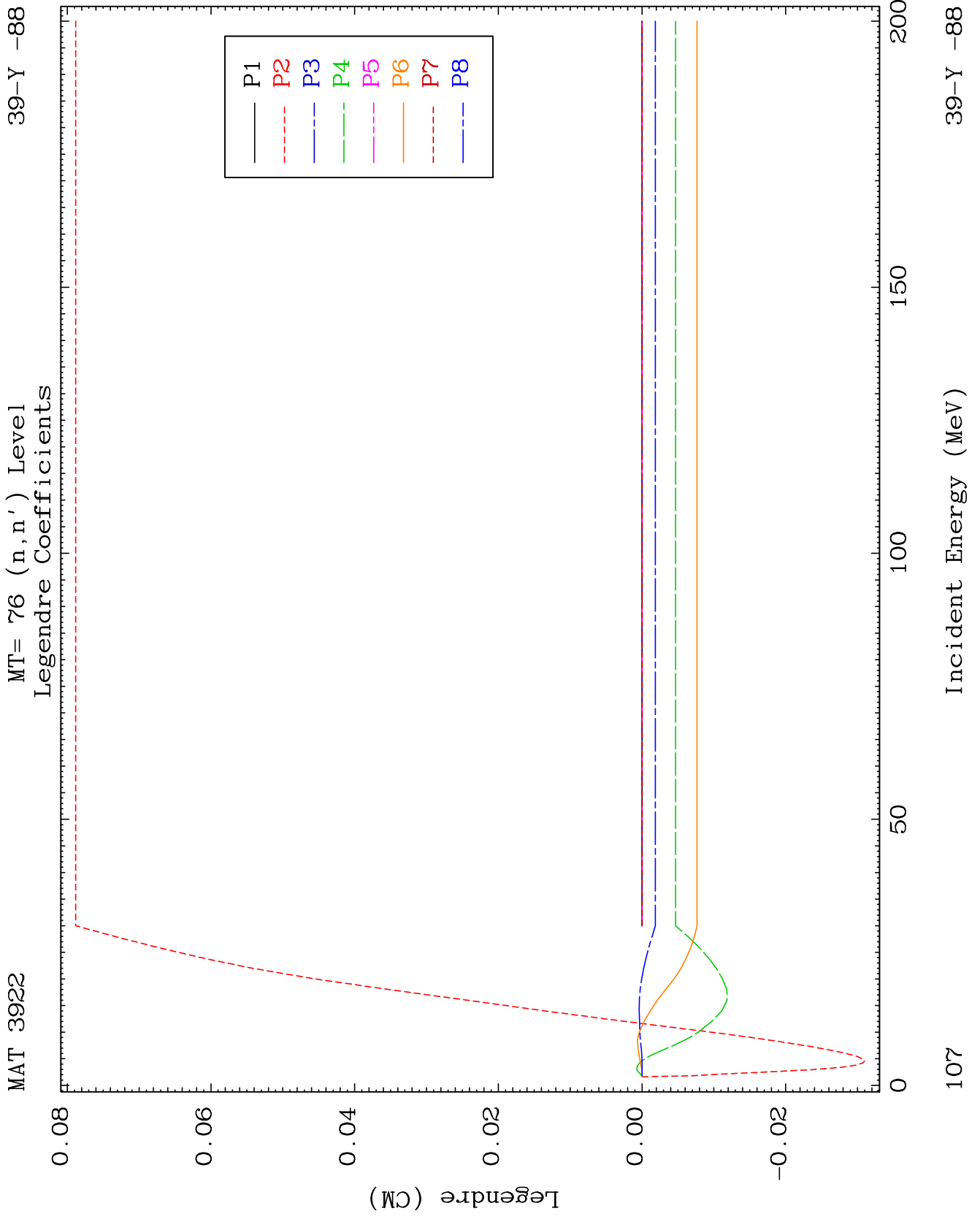


105

Incident Energy (MeV)

39-Y -88

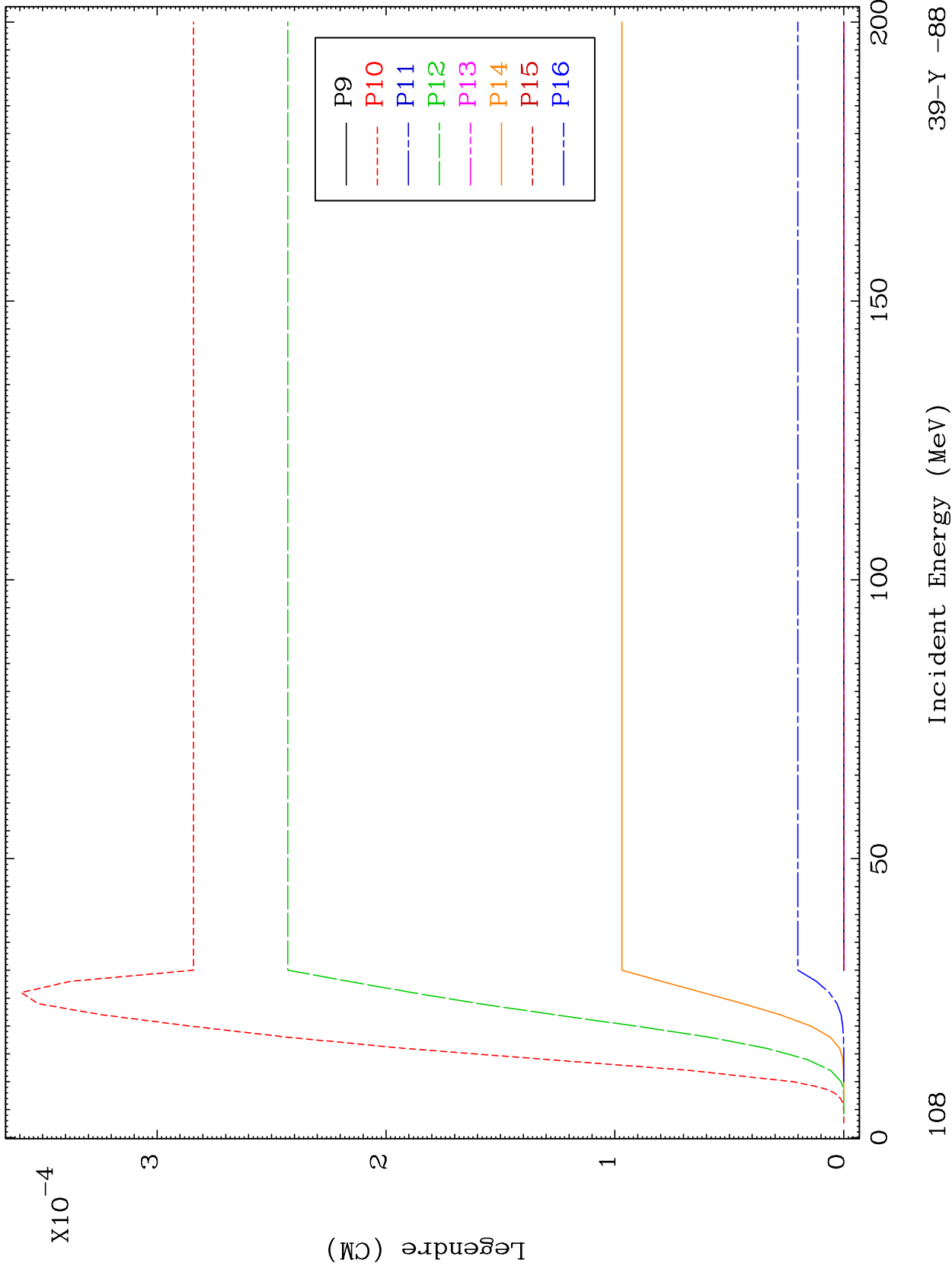




MAT 3922

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

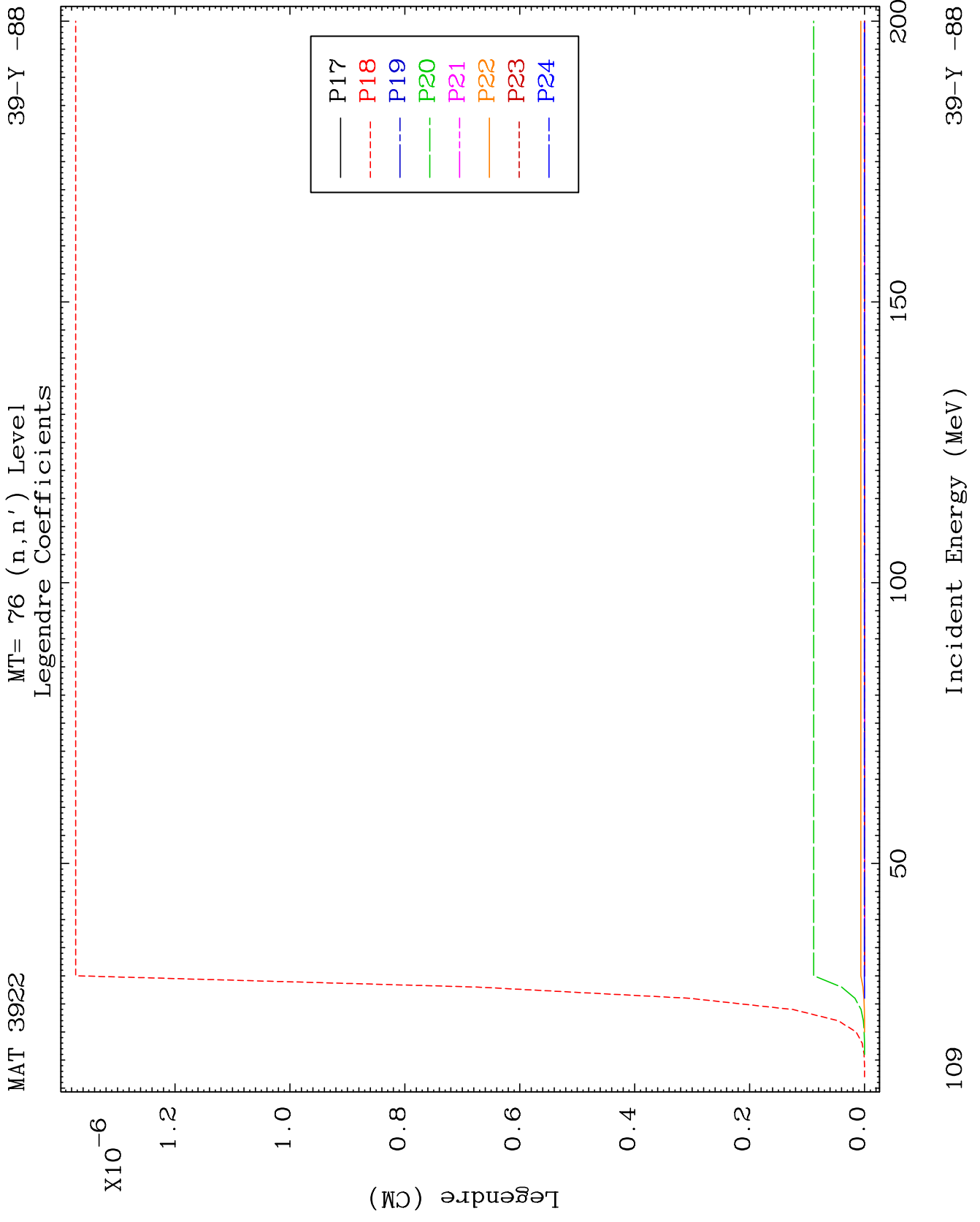
39-Y -88



108

Incident Energy (MeV)

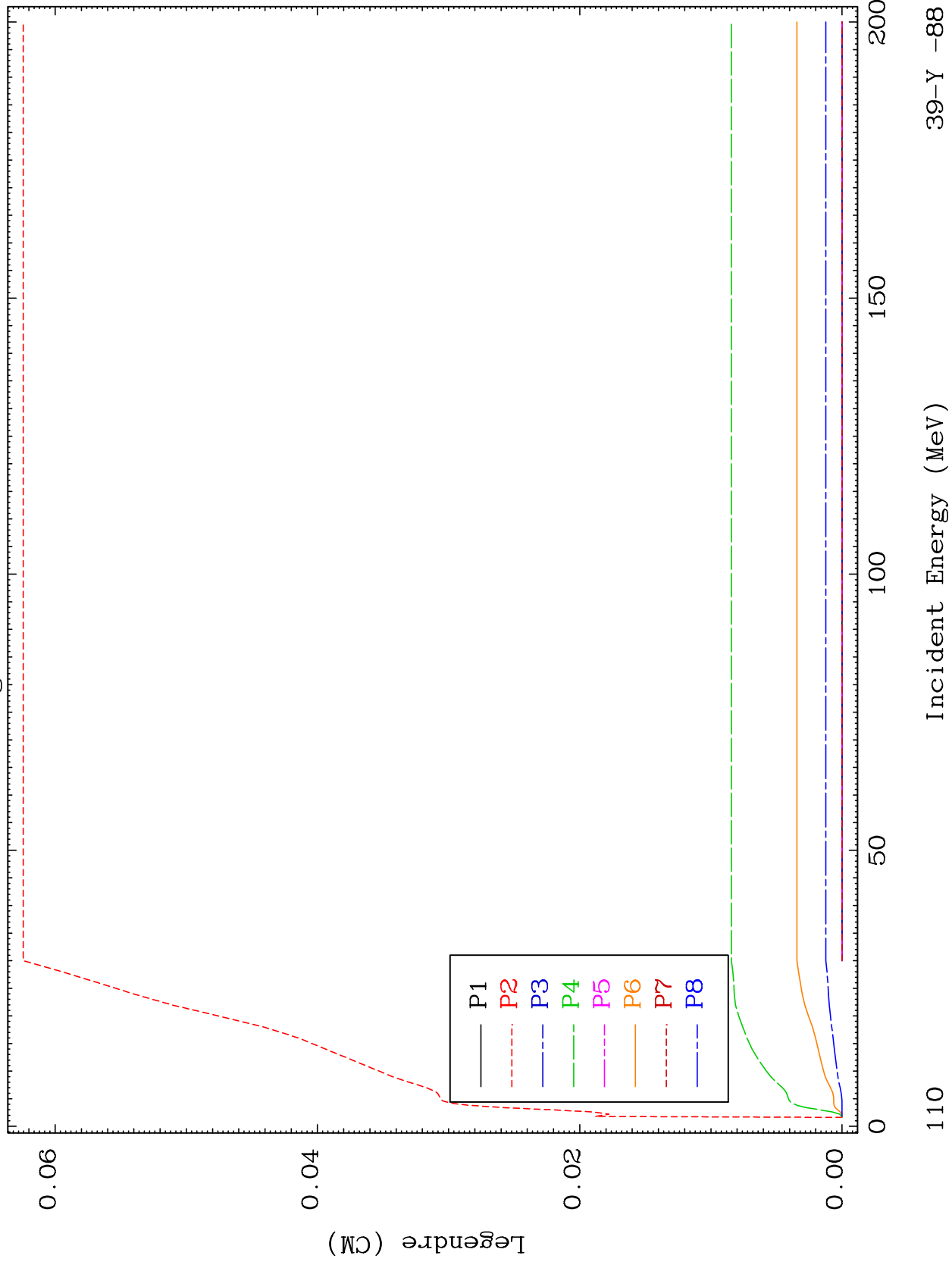
39-Y -88



MAT 3922

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

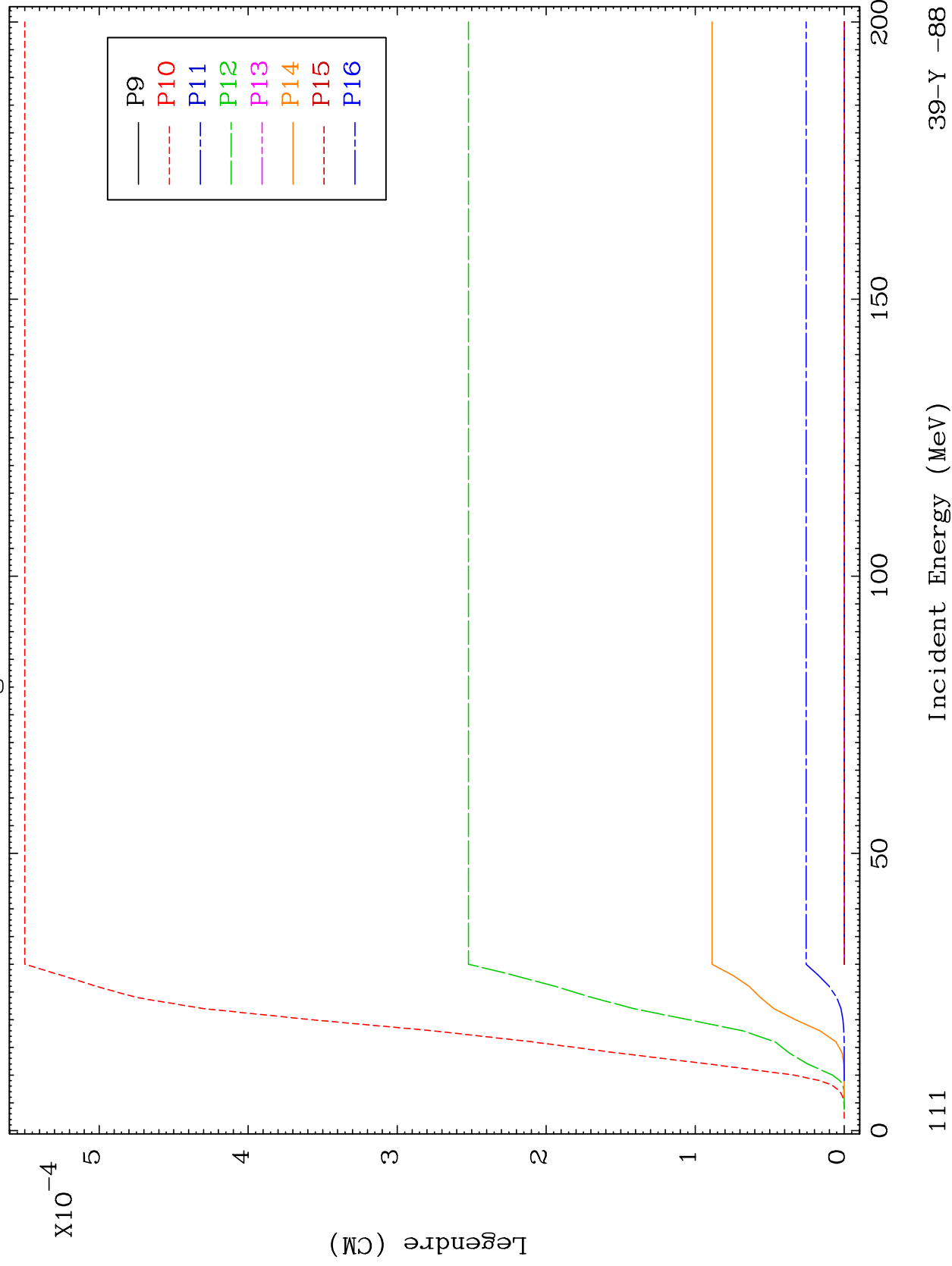
39-Y -88



MAT 3922

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

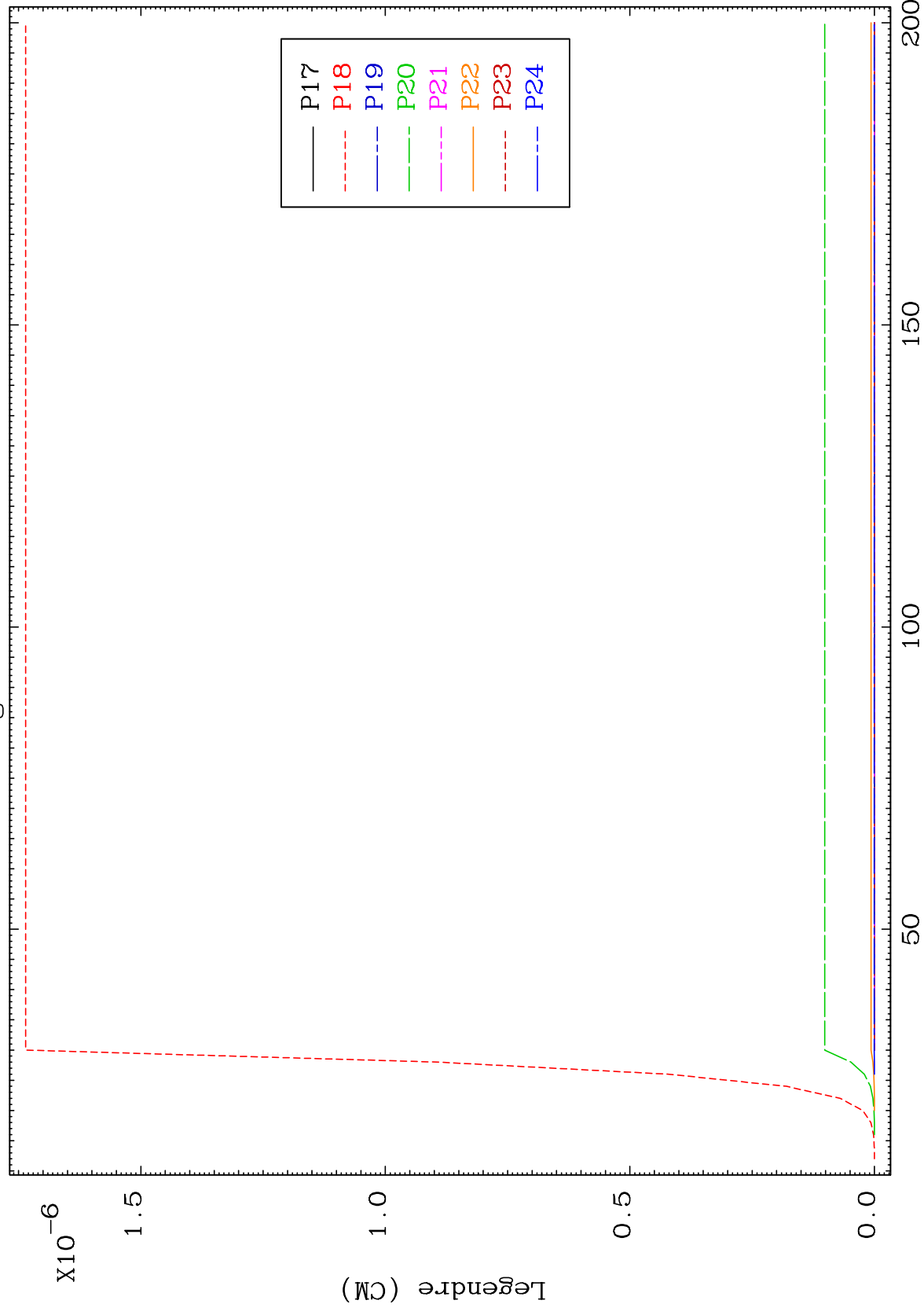
39-Y -88



MAT 3922

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

39-Y -88



112

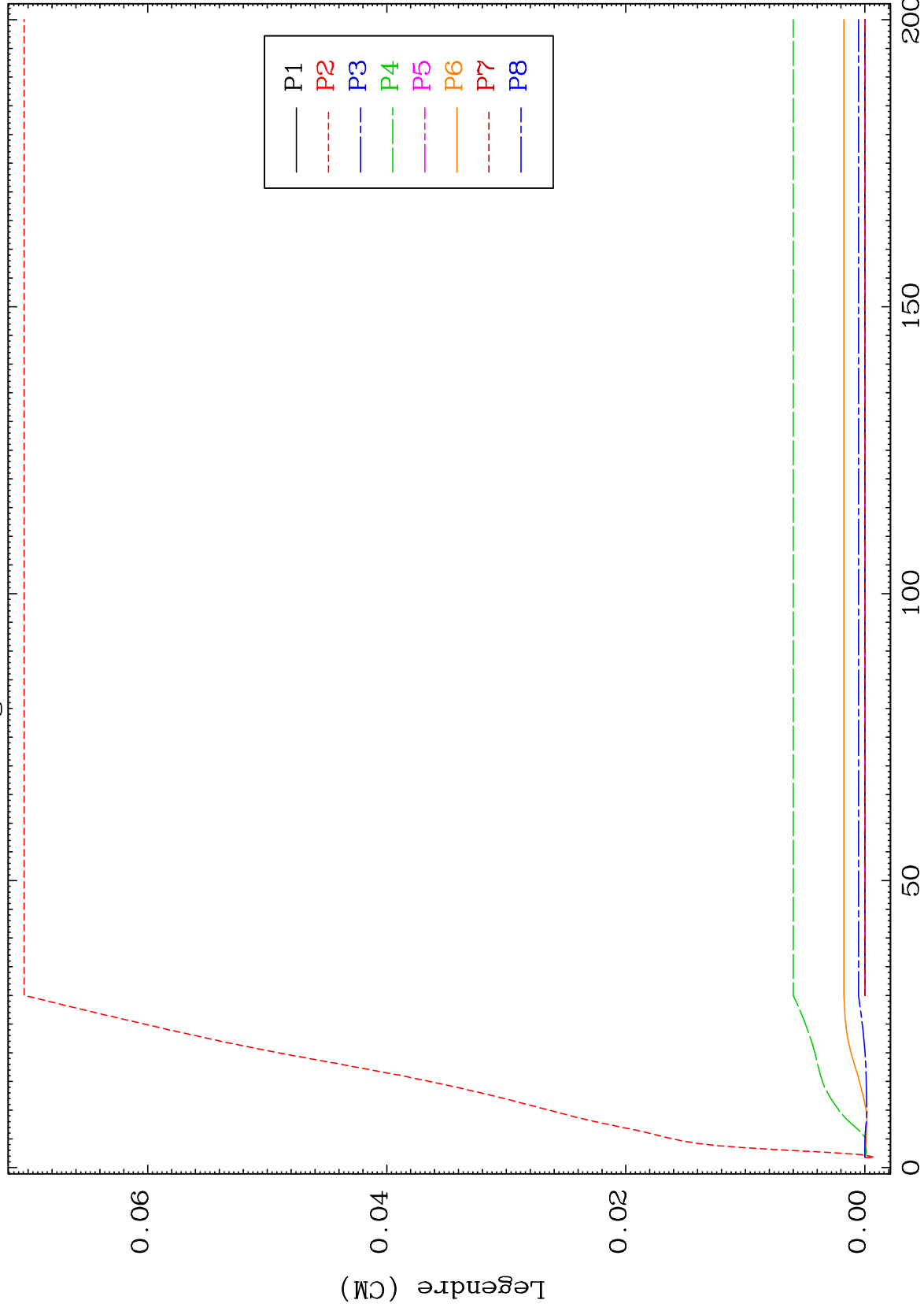
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88



113

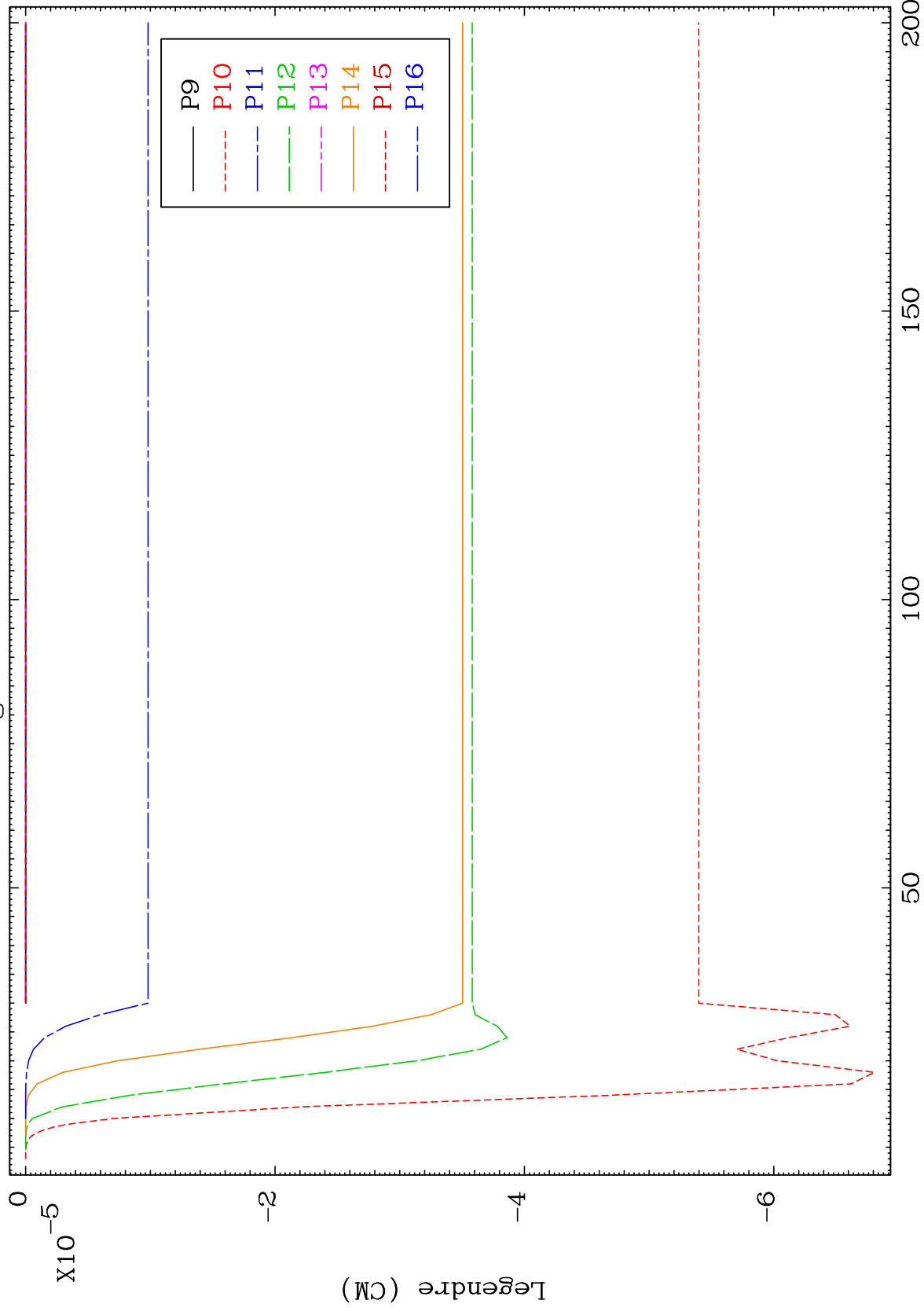
Incident Energy (MeV)

39-Y -88

MAT 3922

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

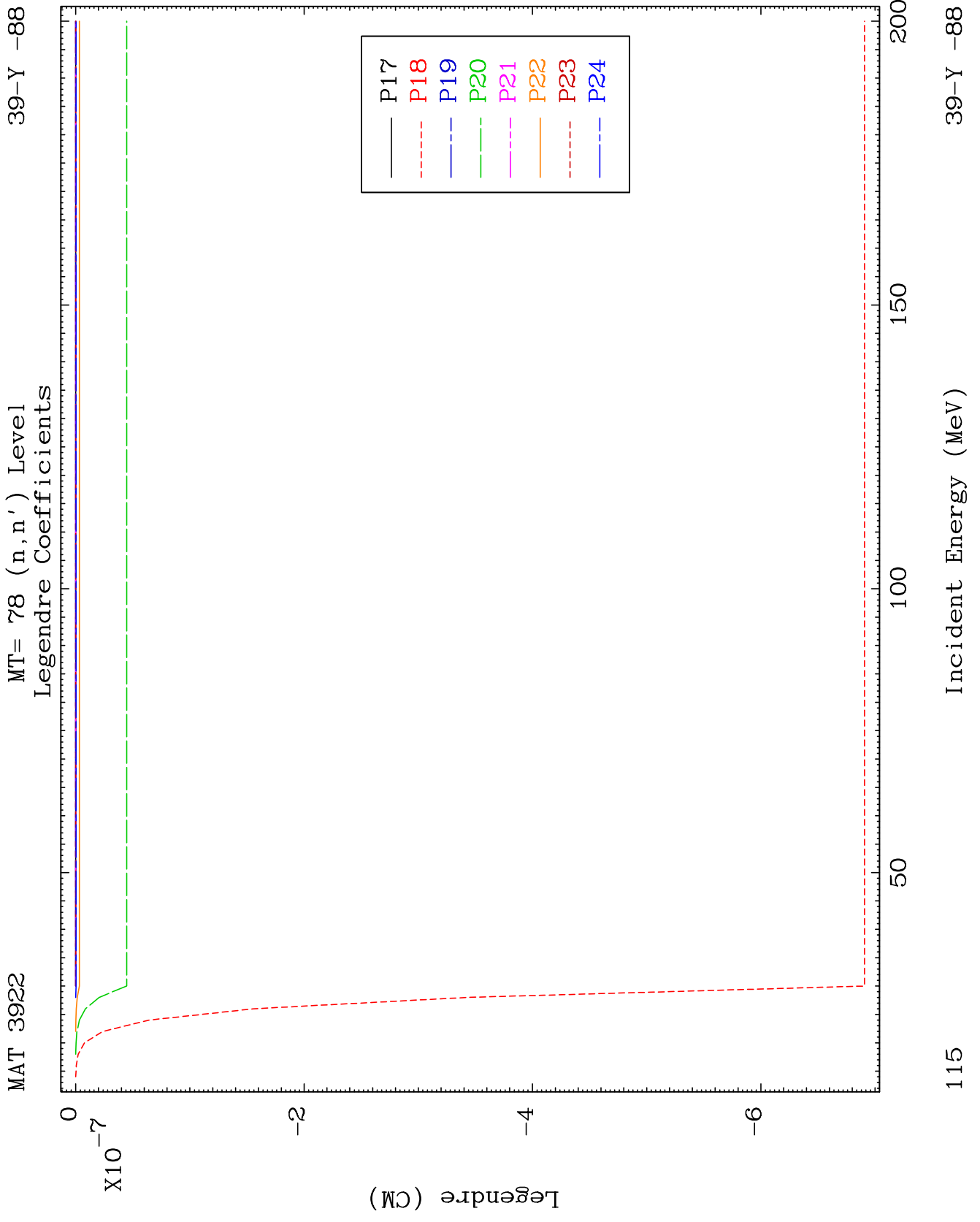
39-Y -88



39-Y -88

Incident Energy (MeV)

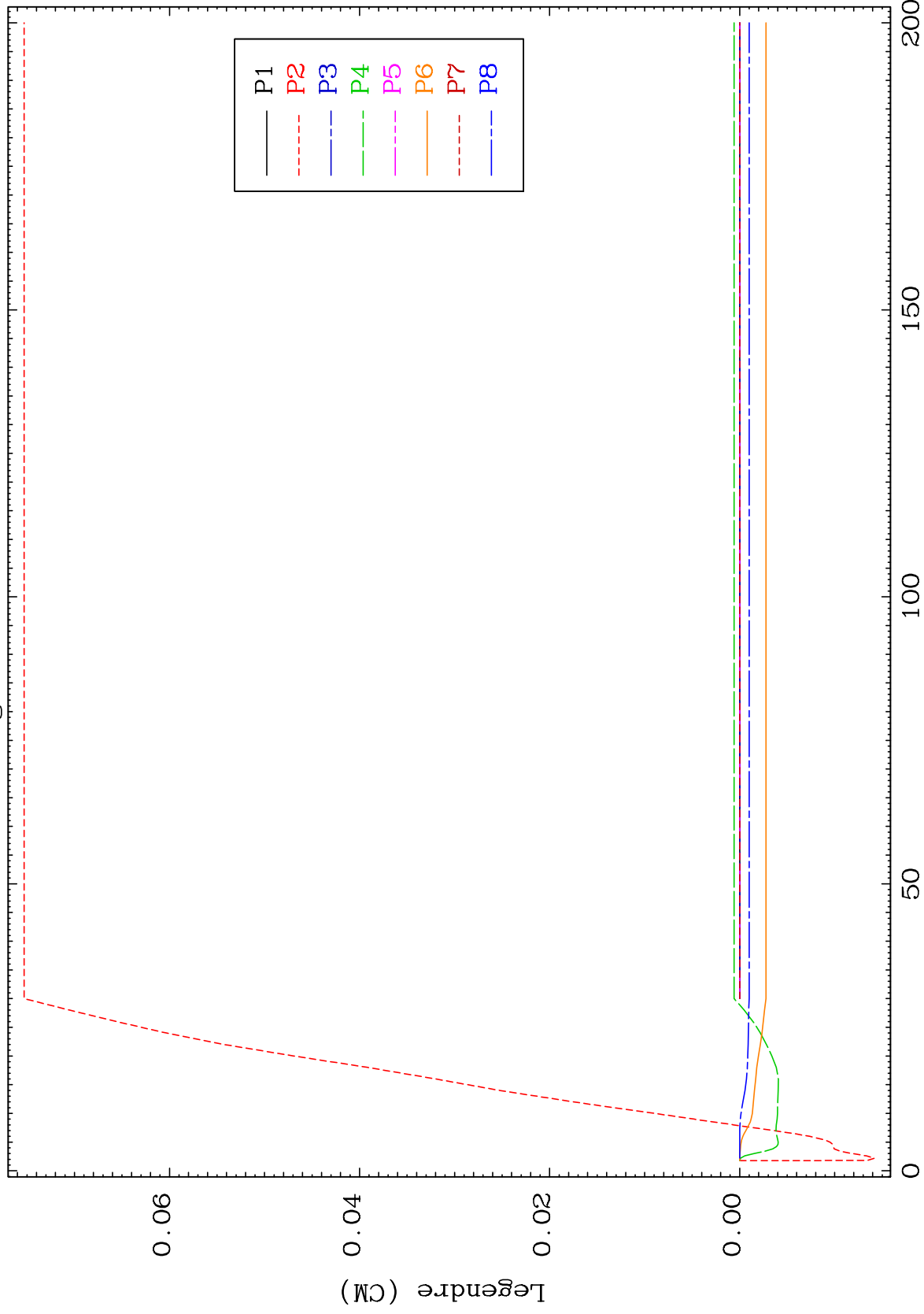
114



MAT 3922

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

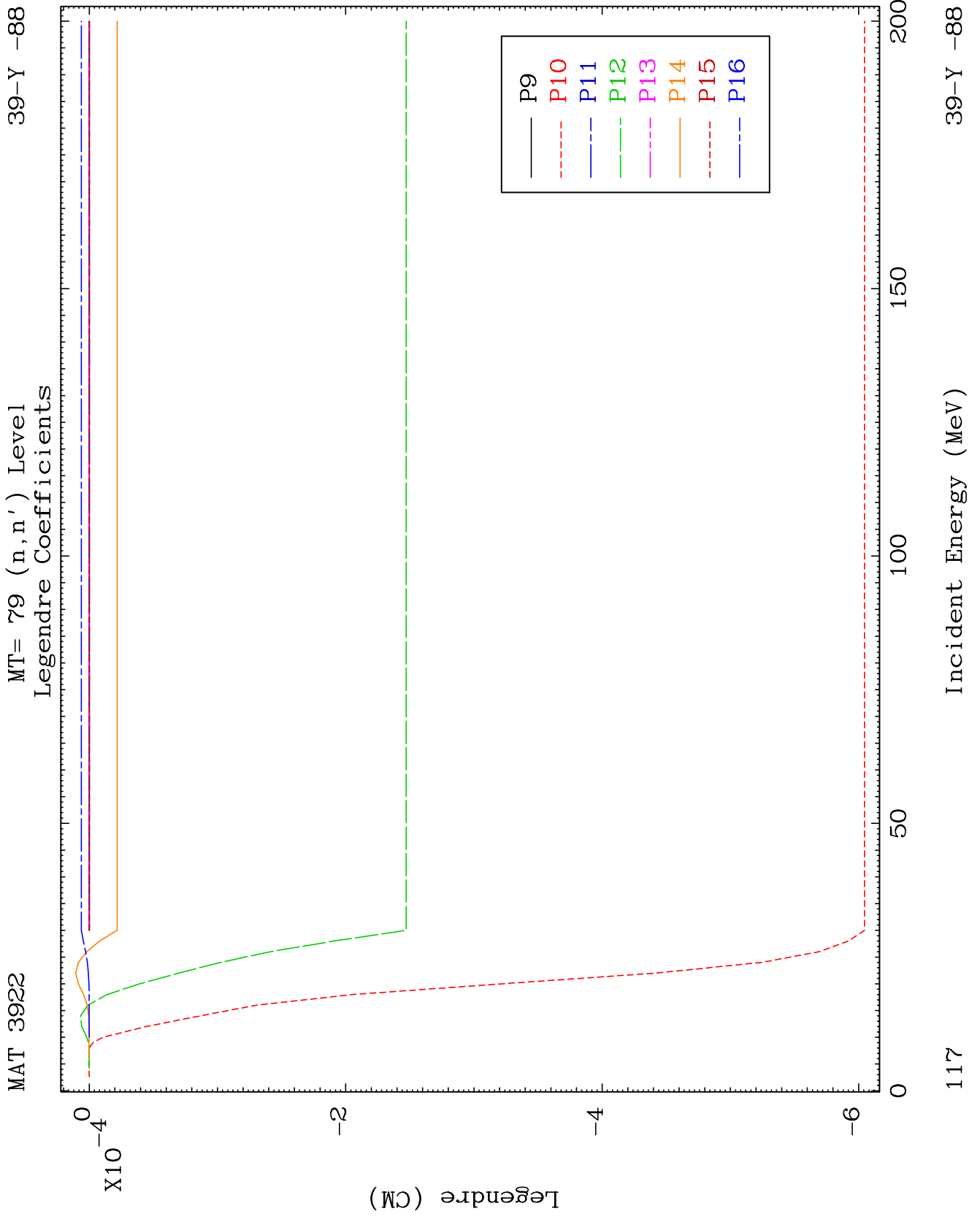
39-Y -88



116

Incident Energy (MeV)

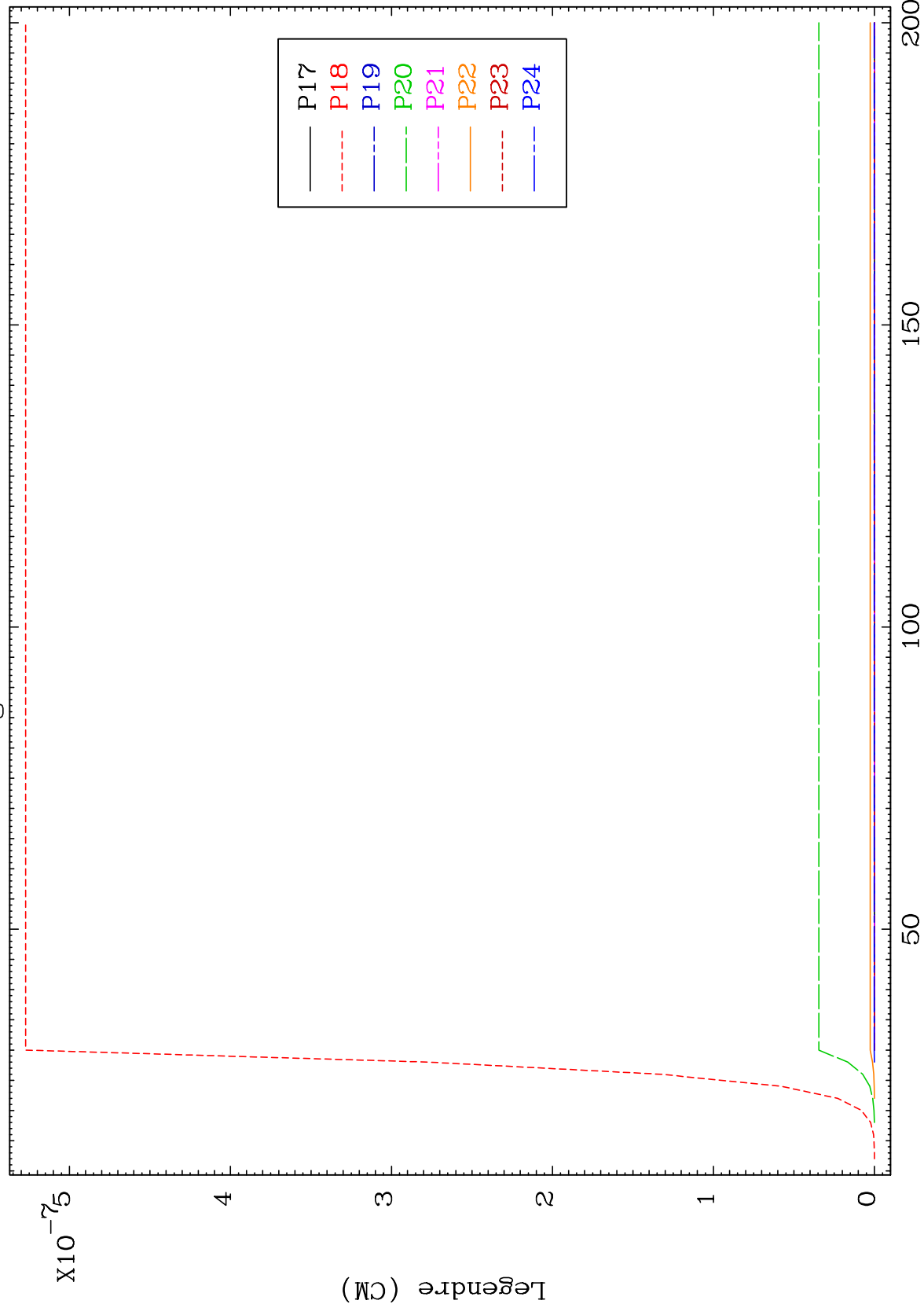
39-Y -88



MAT 3922

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

39-Y -88



118

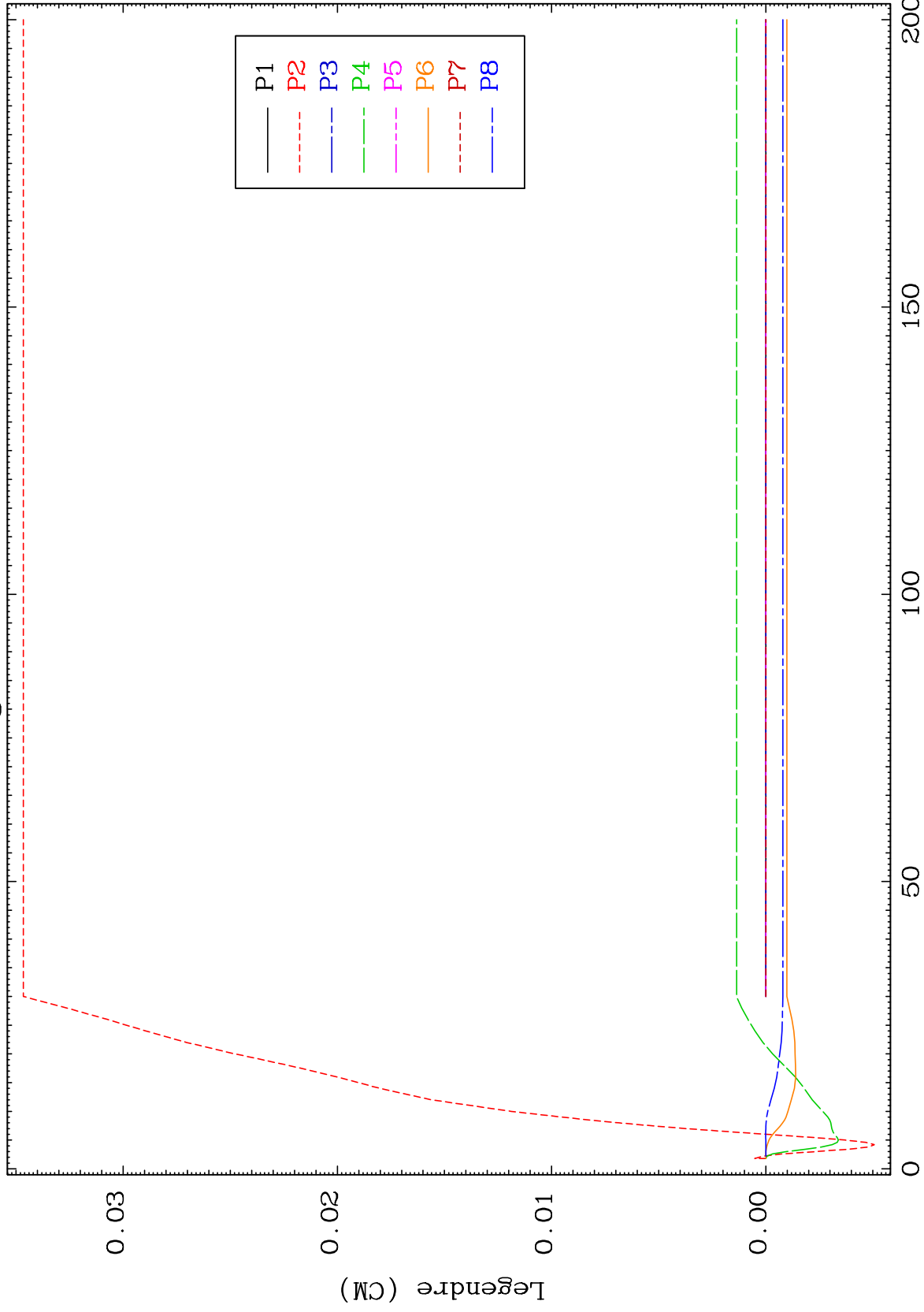
Incident Energy (MeV)

39-Y -88

MAT 3922

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

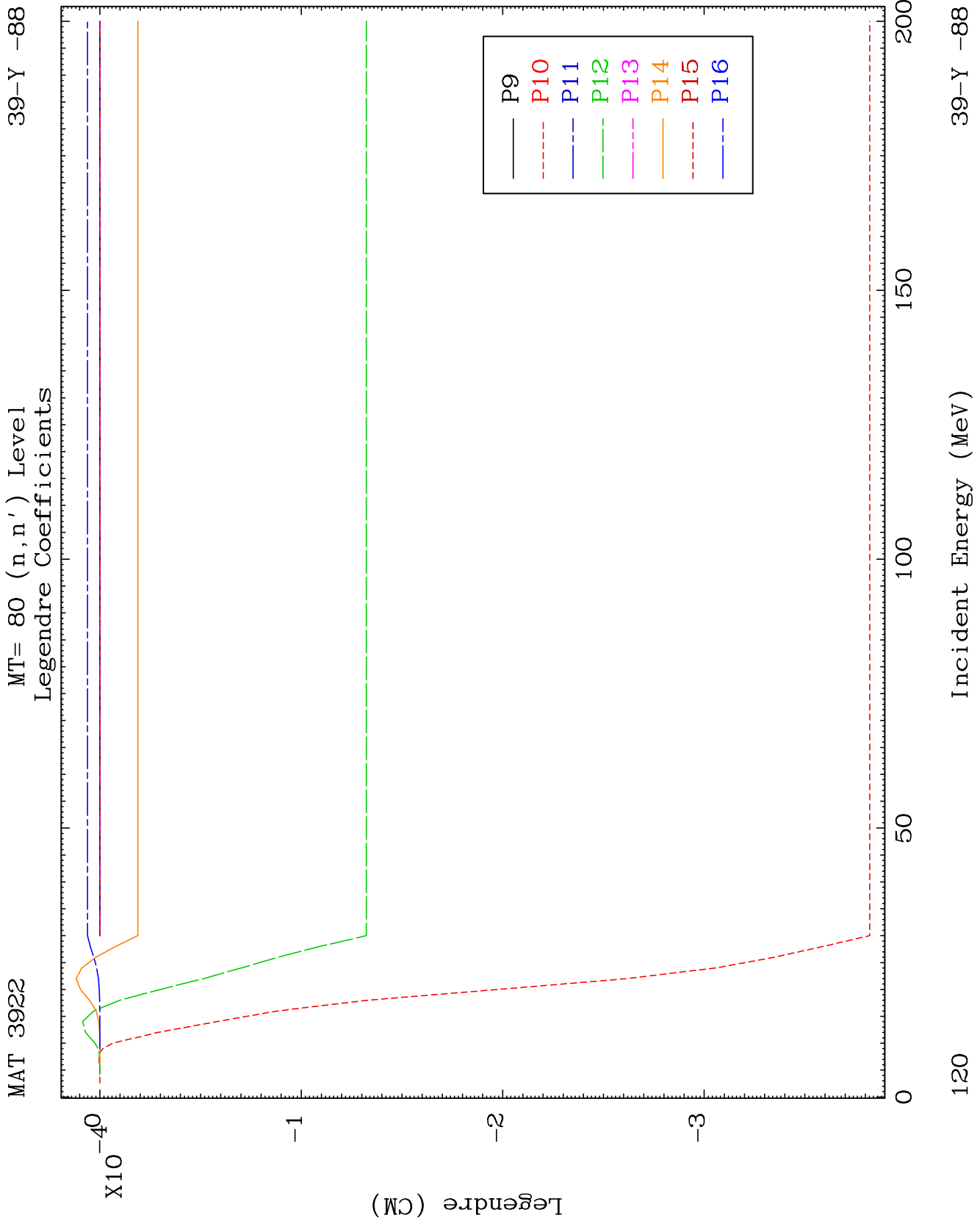
39-Y -88

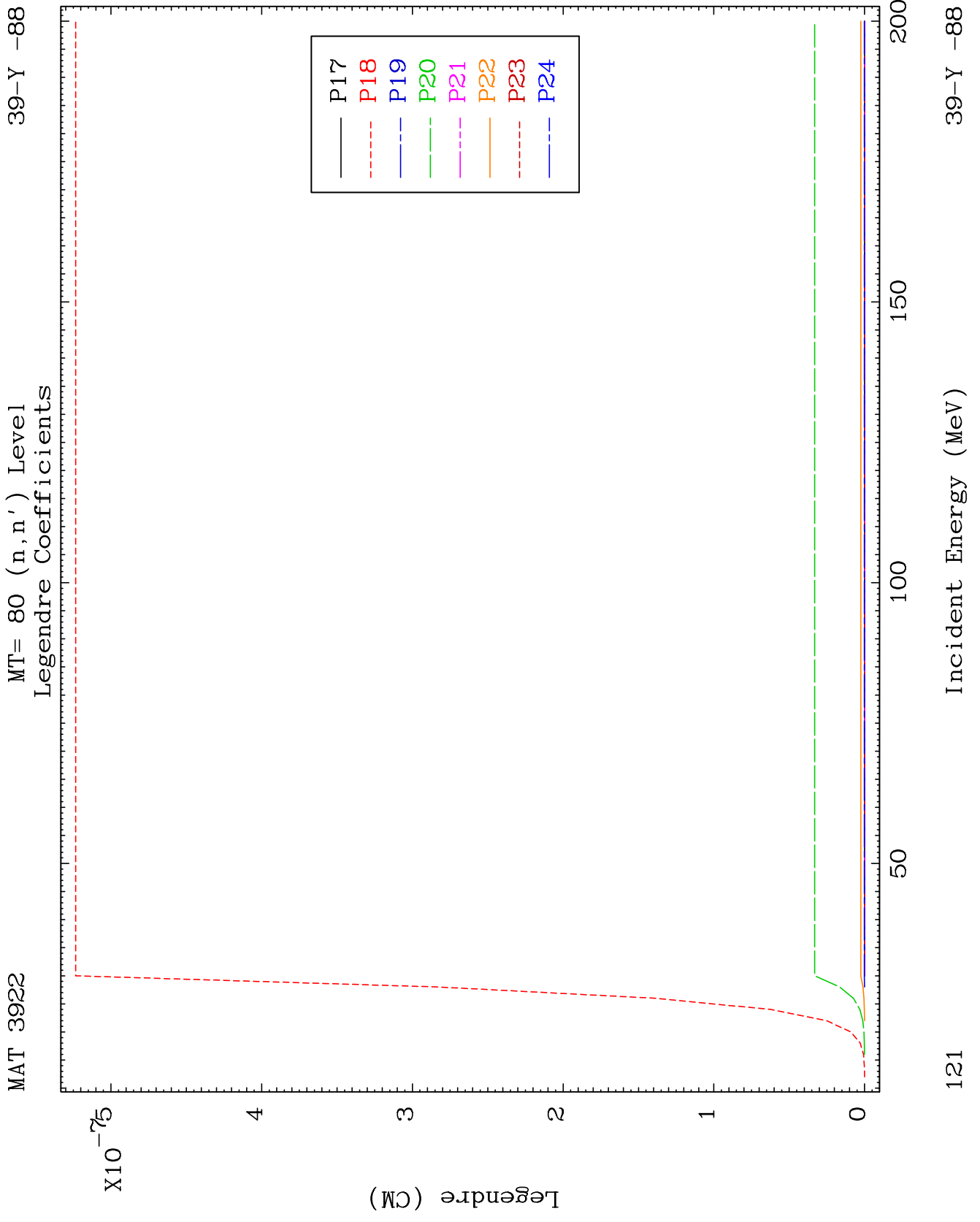


119

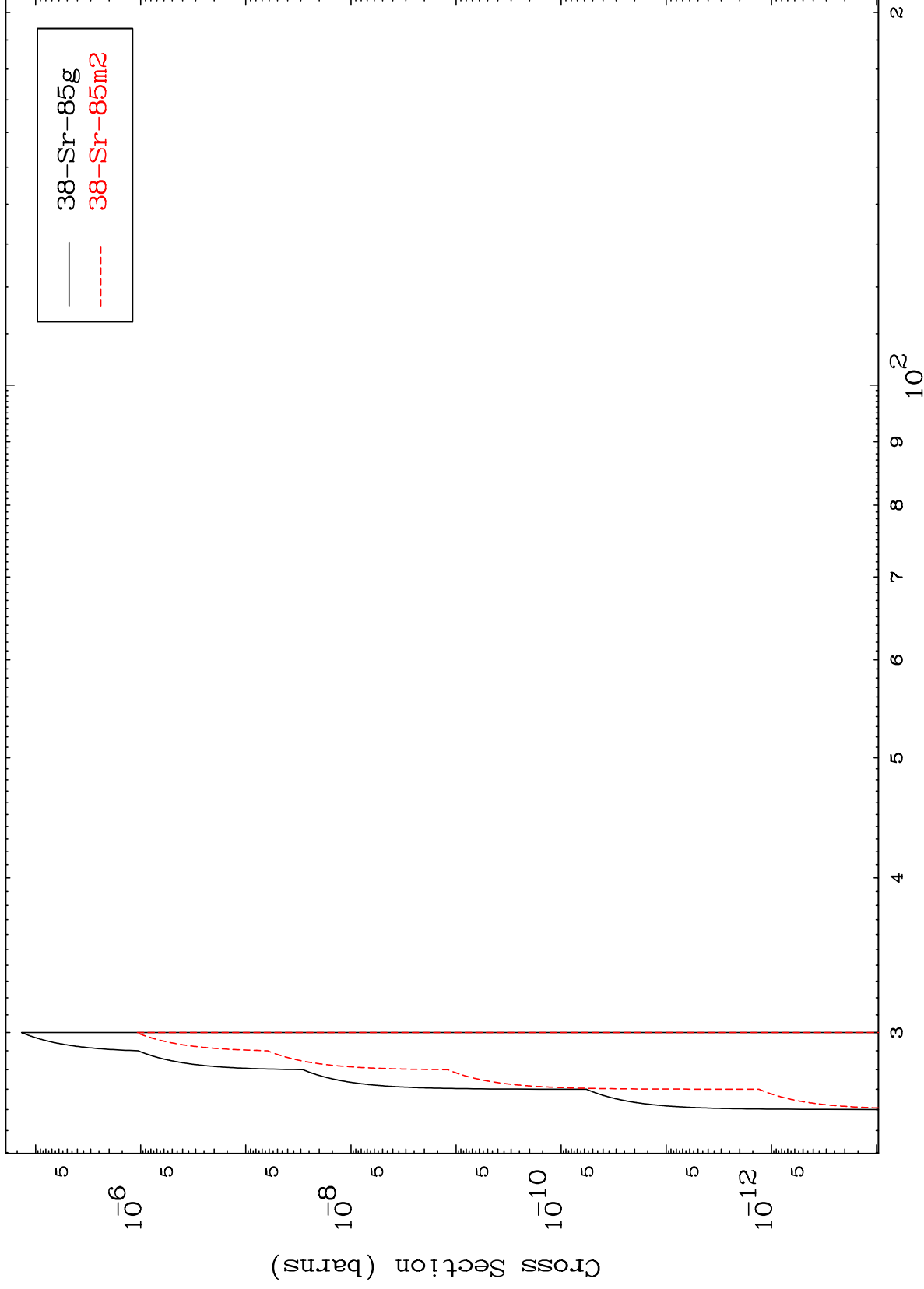
Incident Energy (MeV)

39-Y -88



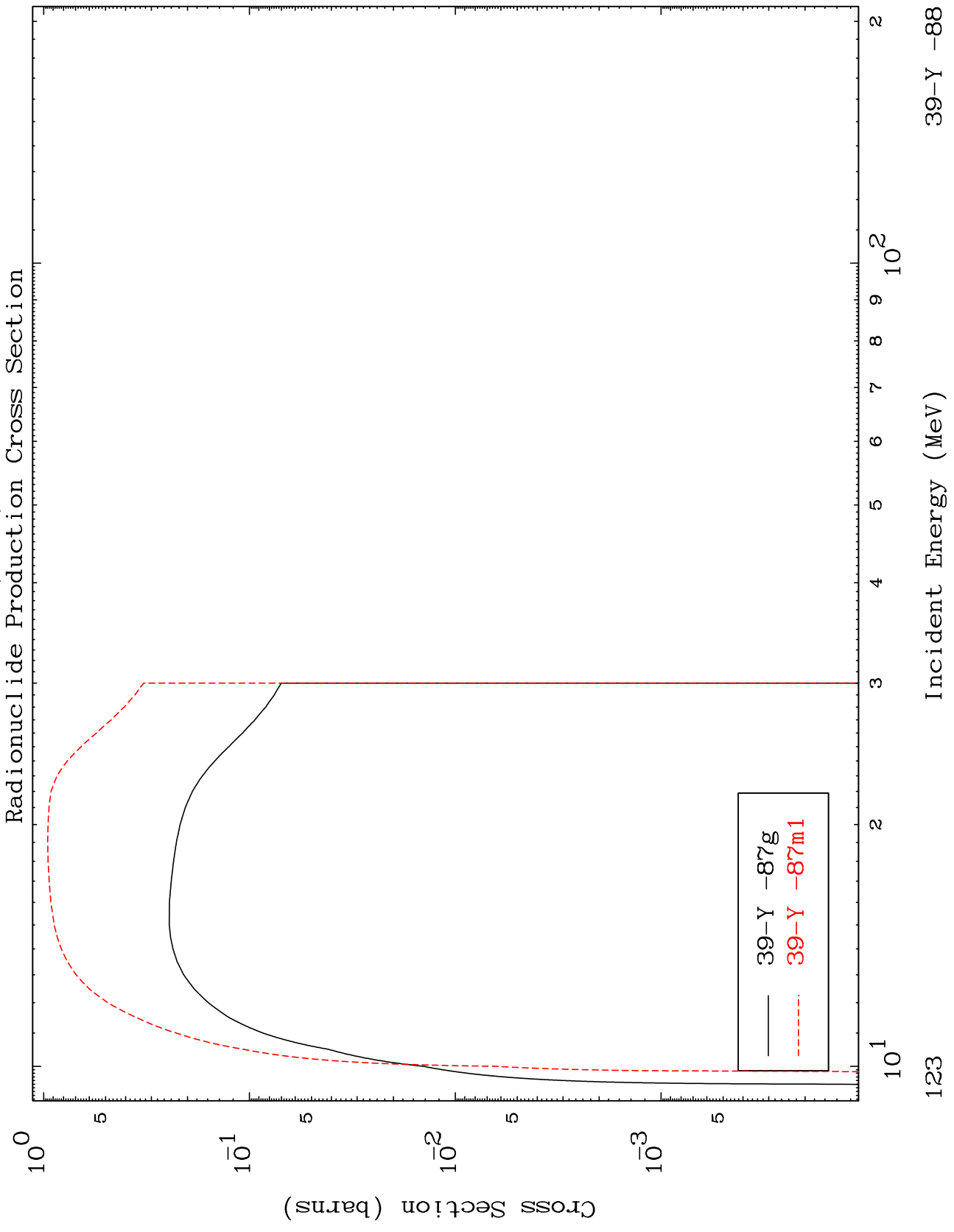


Radionuclide Production Cross Section



MAT 3922

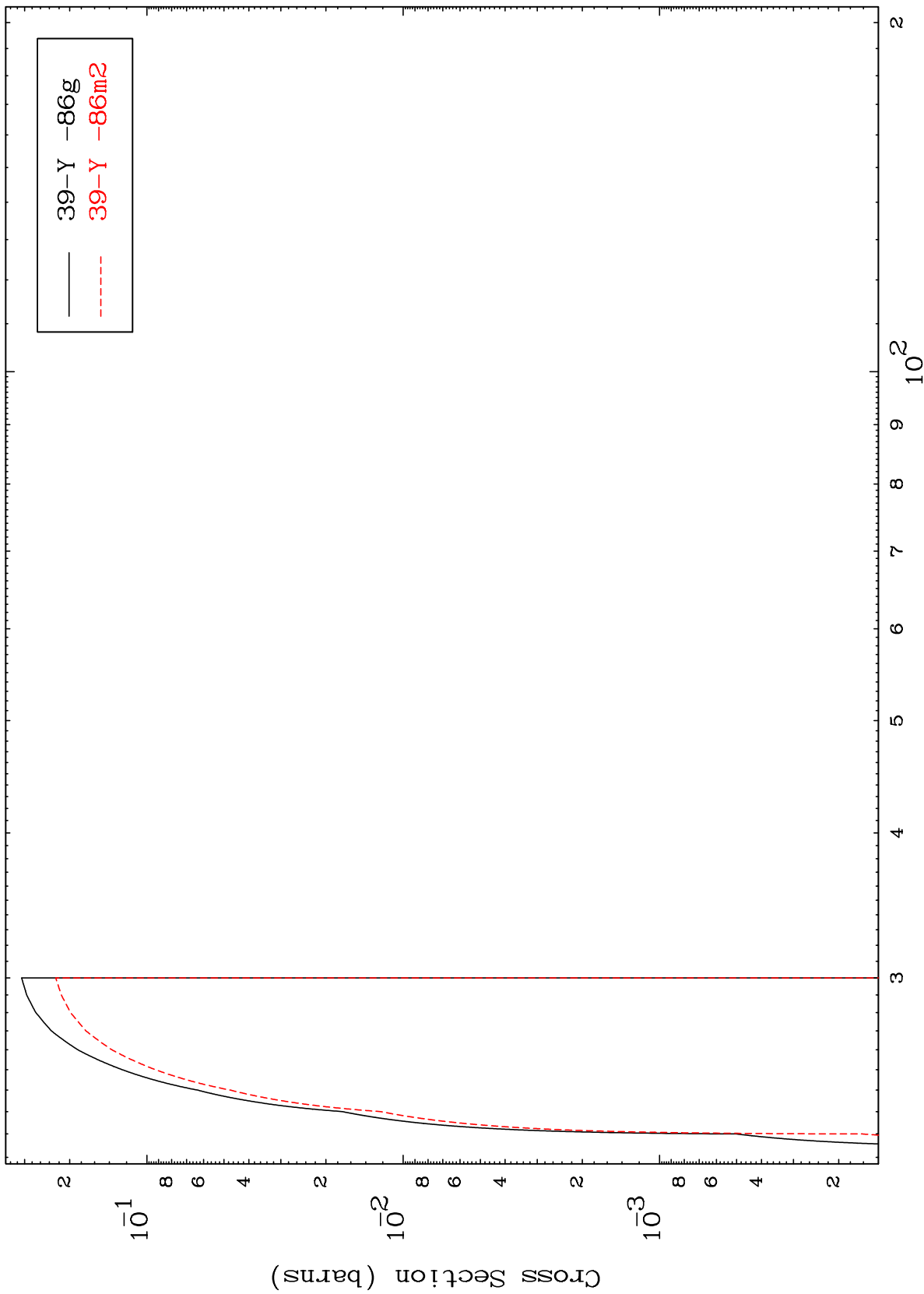
39-Y -88



MAT 3922

39-Y -88

(n,3n)
Radionuclide Production Cross Section

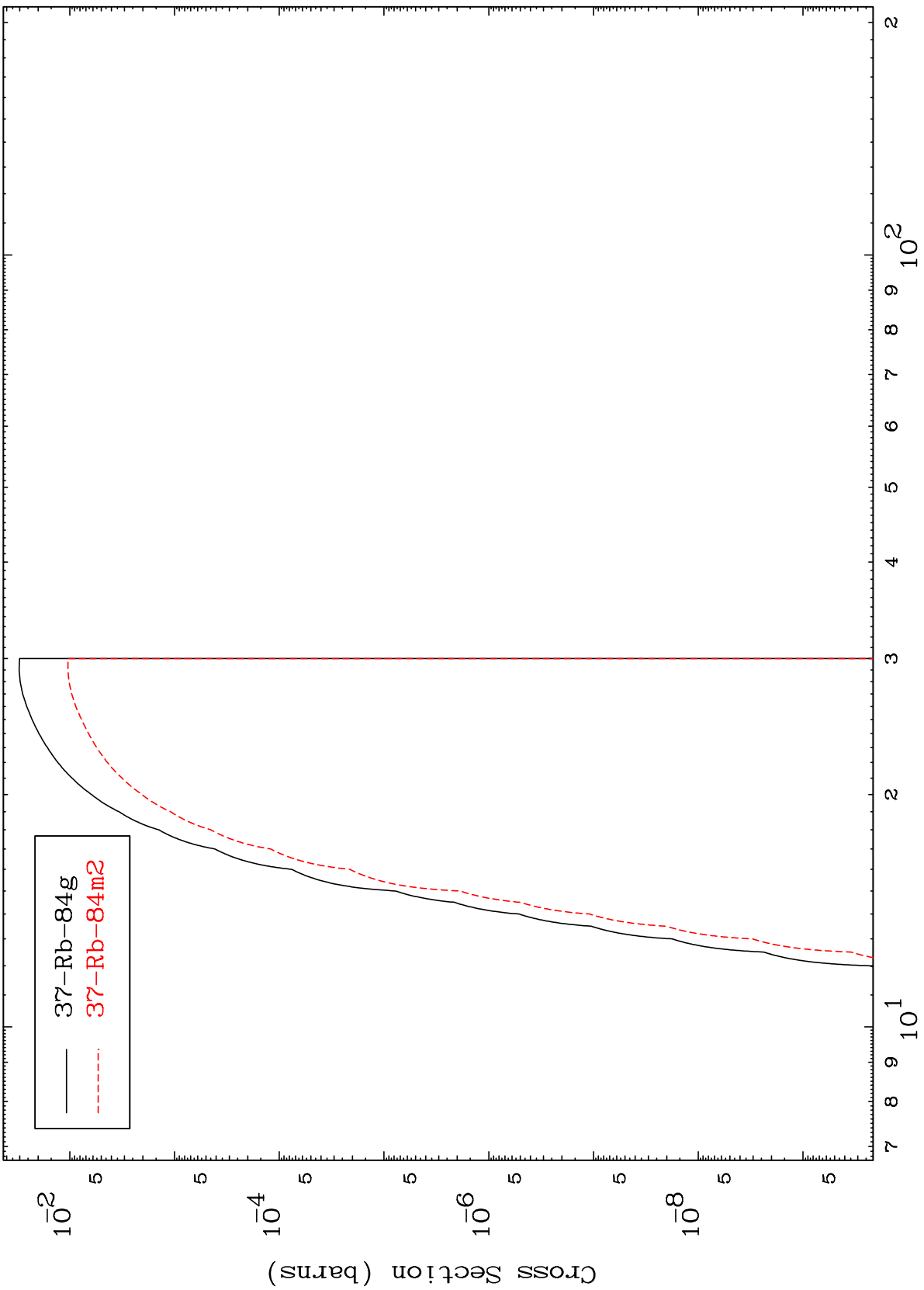


124

39-Y -88

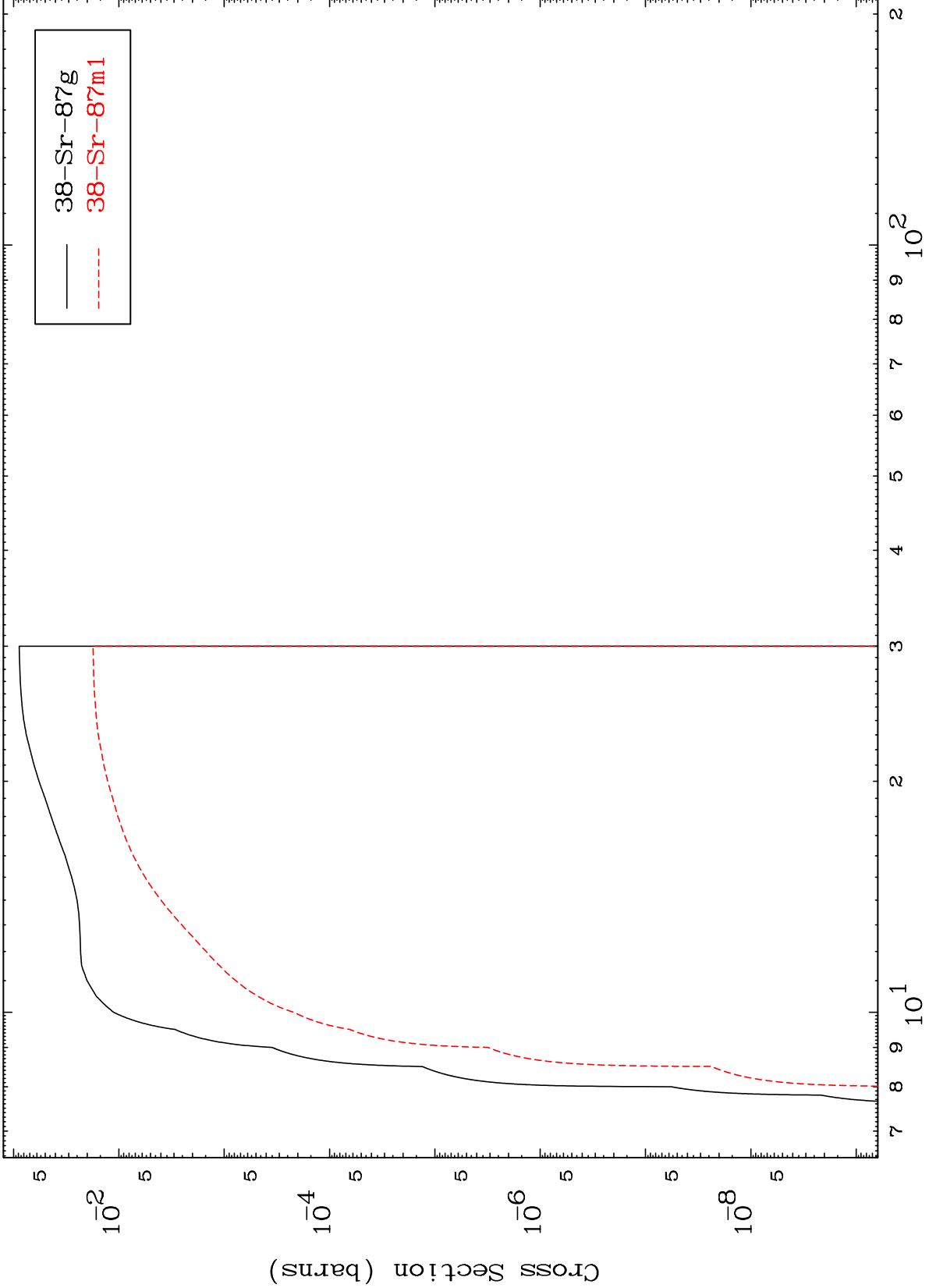
Incident Energy (MeV)

Radionuclide Production Cross Section

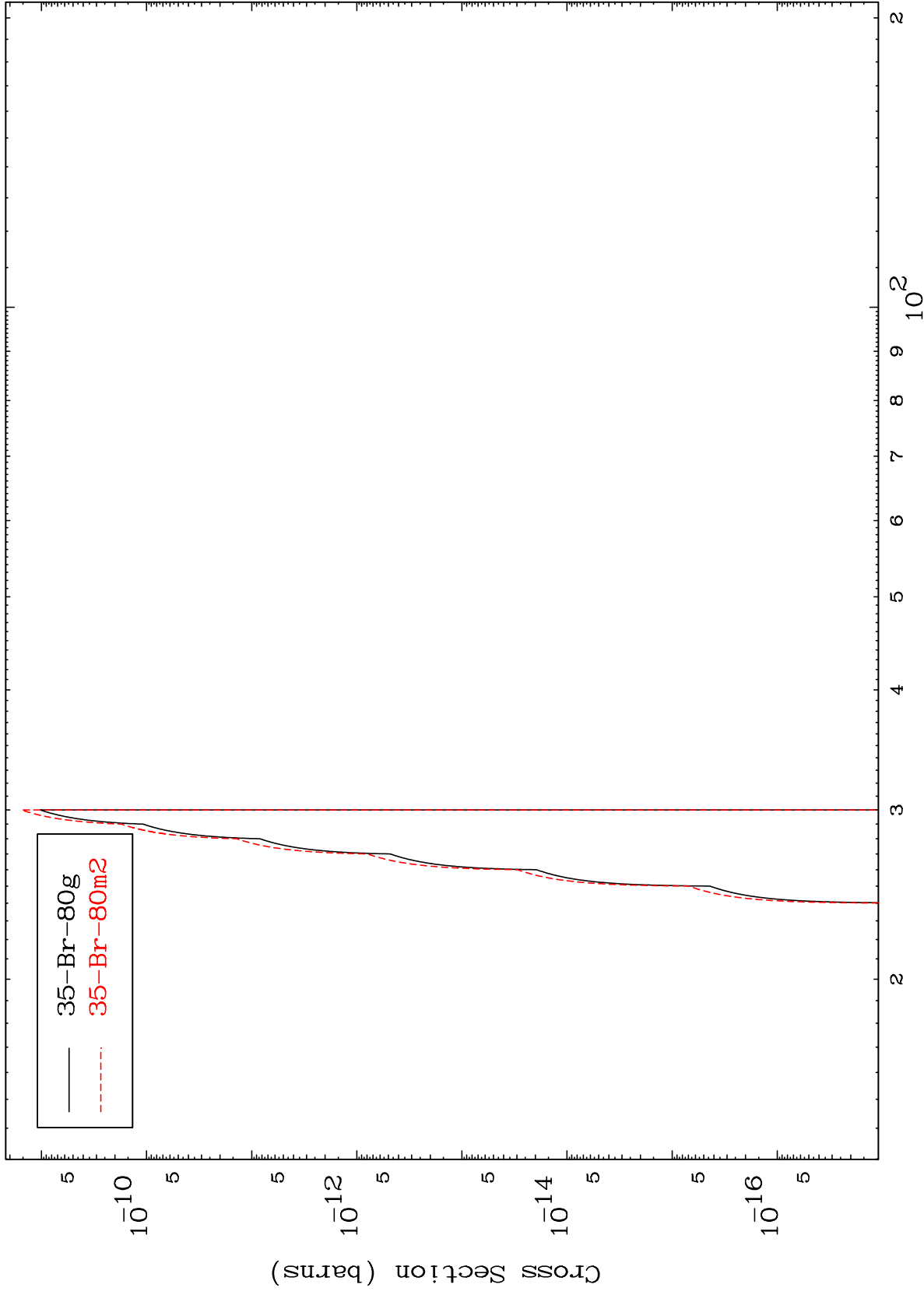


— 37-Rb-84g
- - - 37-Rb-84m2

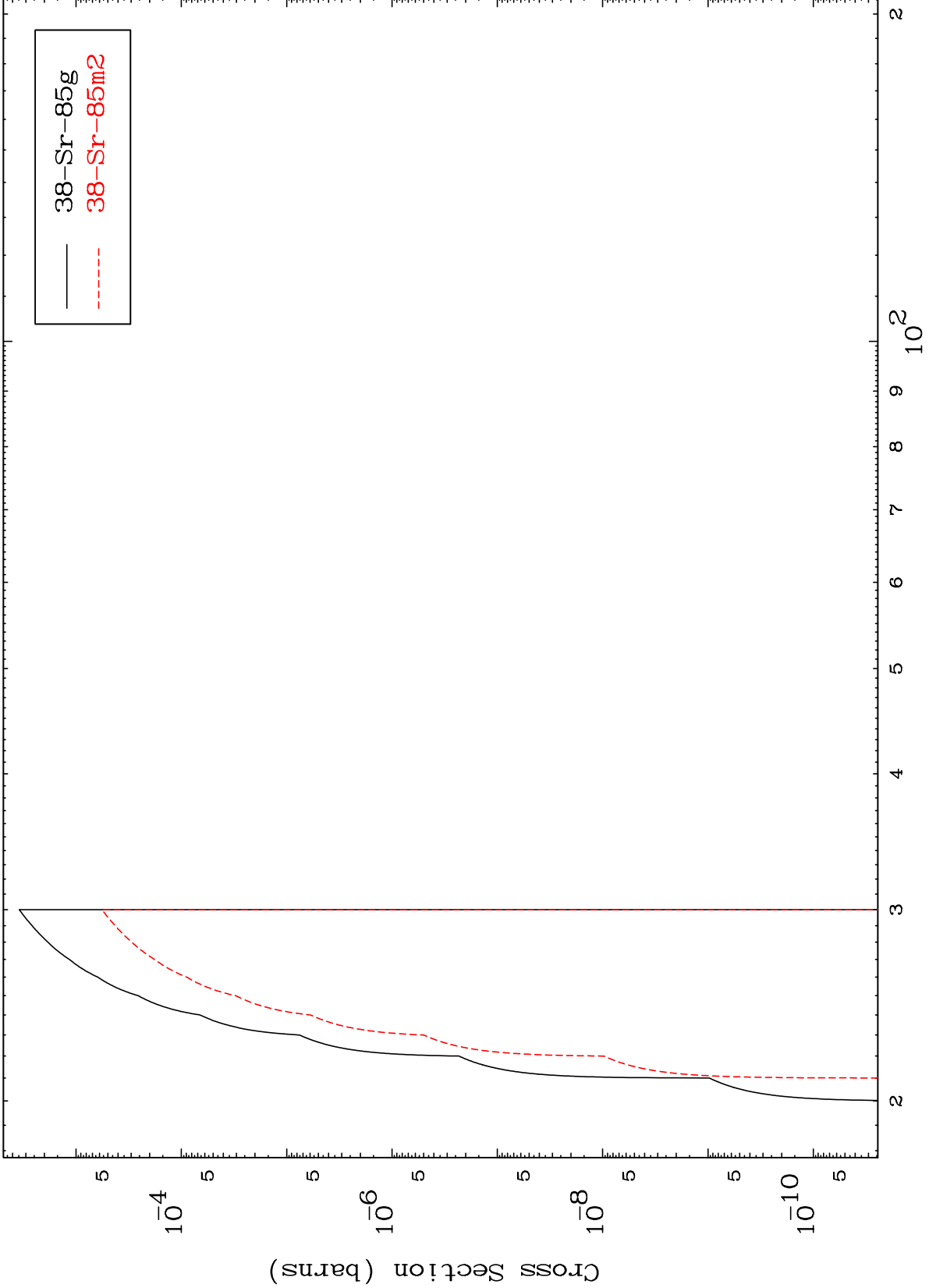
Radionuclide Production Cross Section



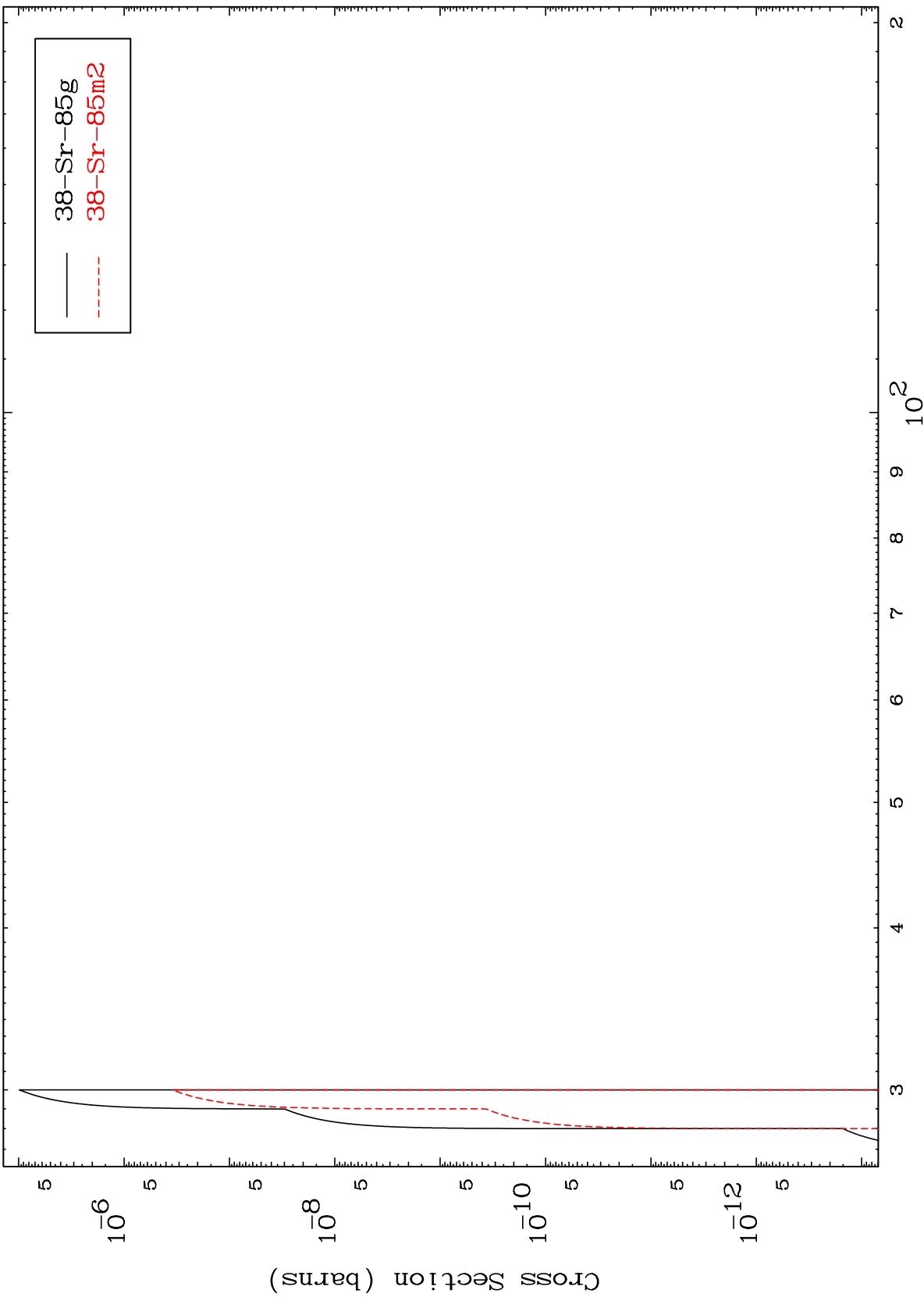
Radionuclide Production Cross Section



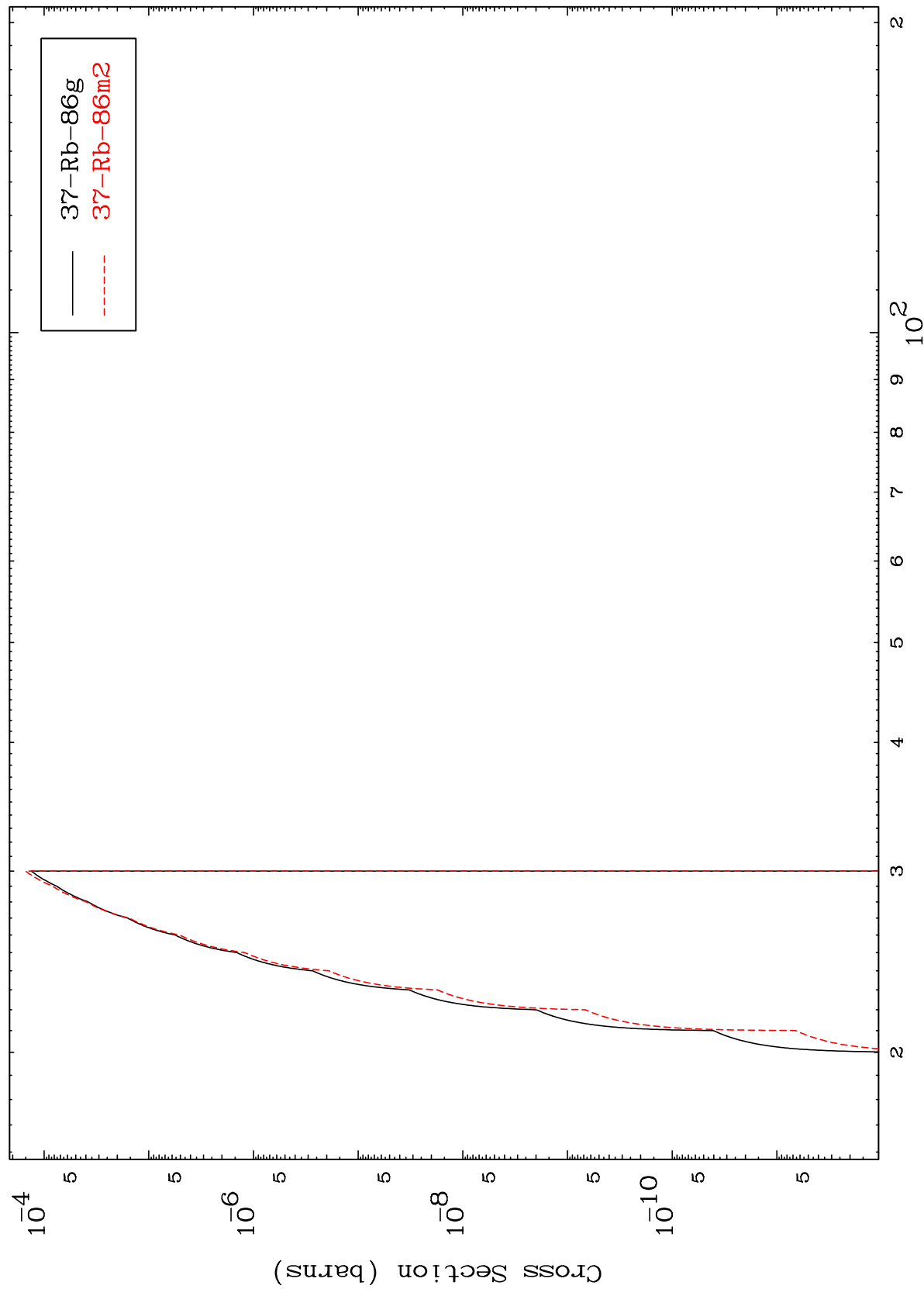
Radionuclide Production Cross Section



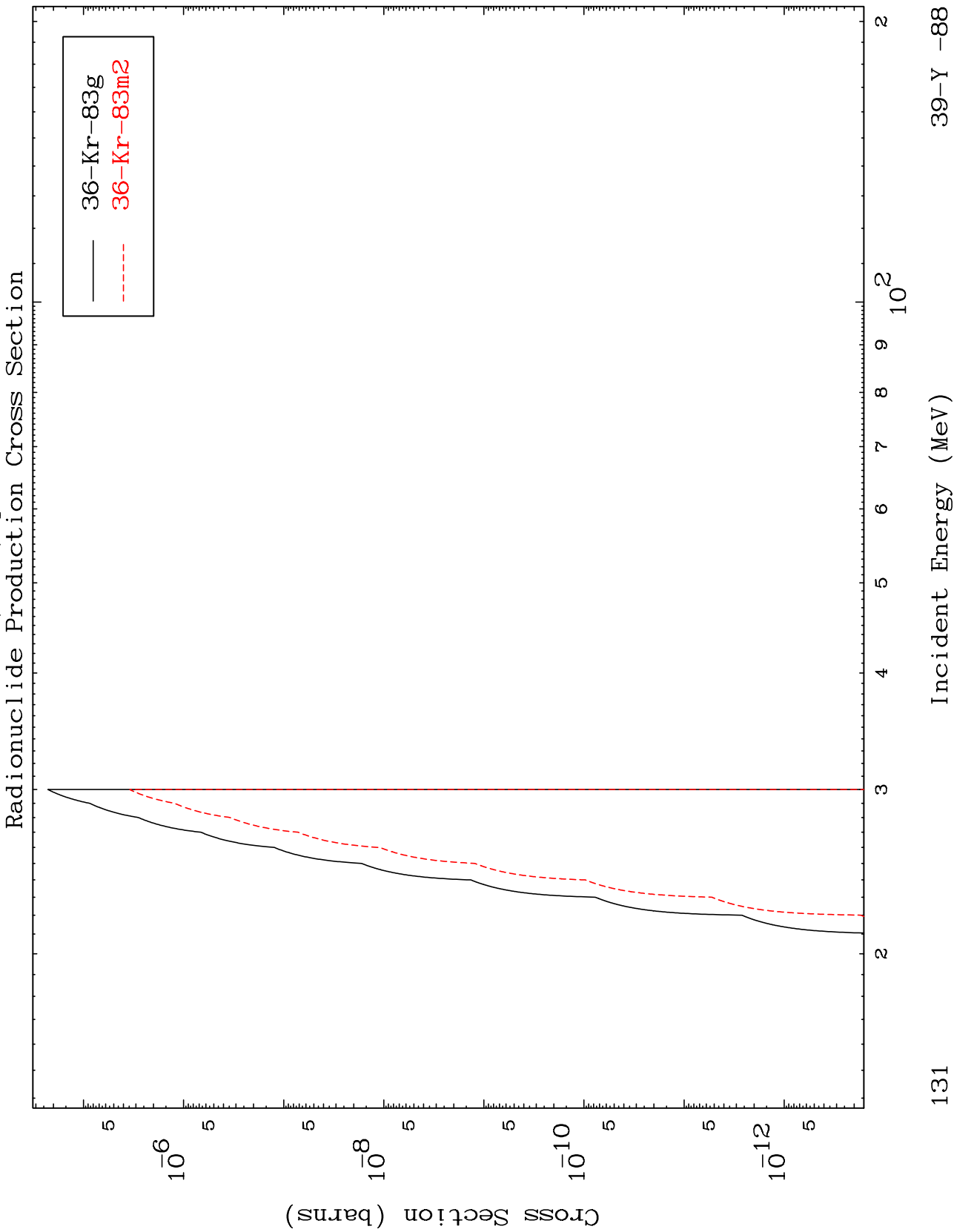
Radionuclide Production Cross Section



Radionuclide Production Cross Section



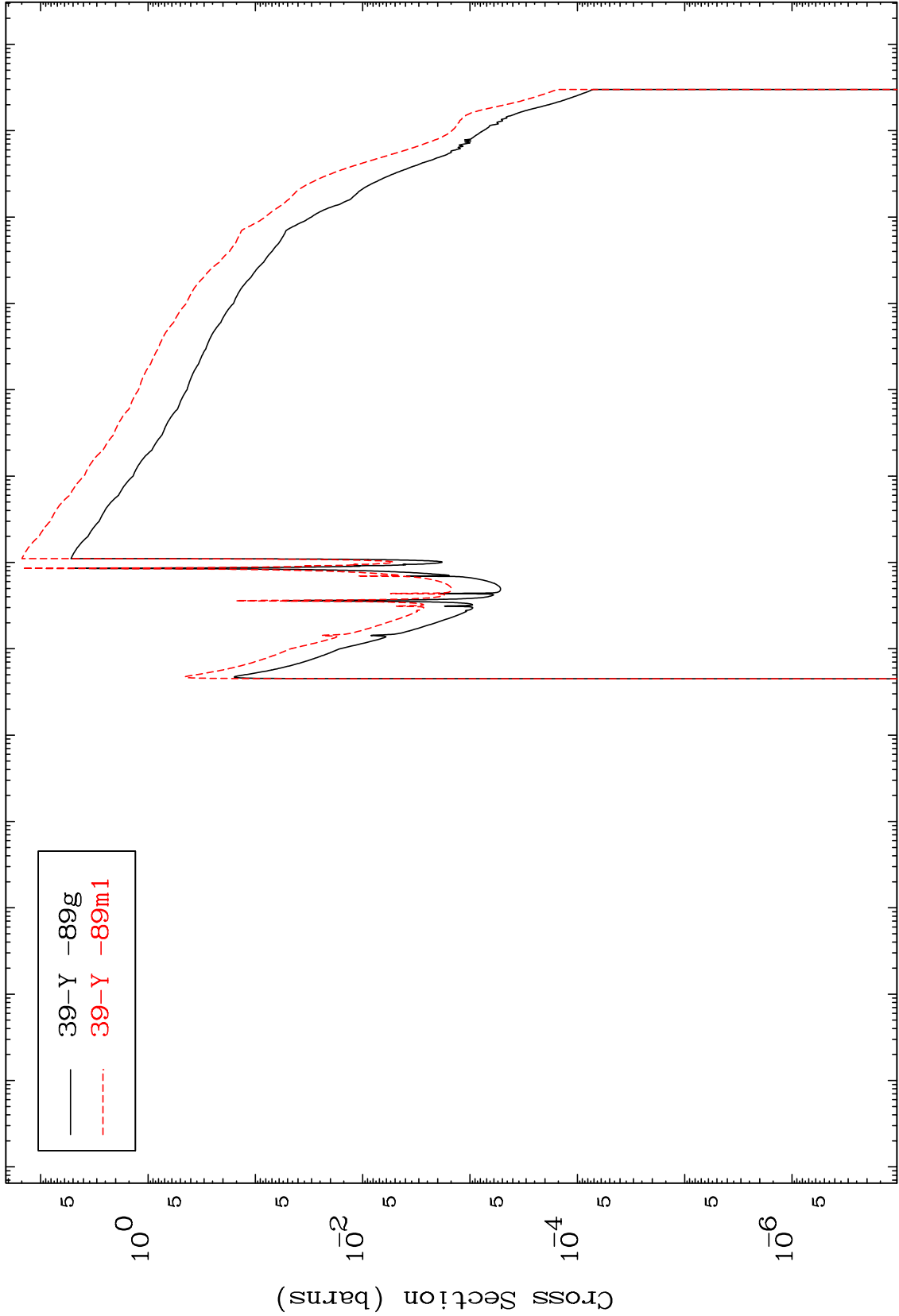
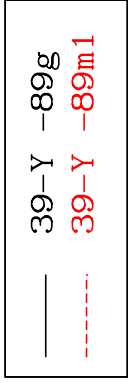
— 37-Rb-86g
- - - 37-Rb-86m2



MAT 3922

39-Y -88

Radionuclide Production Cross Section
(n, γ)



39-Y -88

10⁰

10⁻²

10⁻⁴

10⁻⁶

10⁻⁸

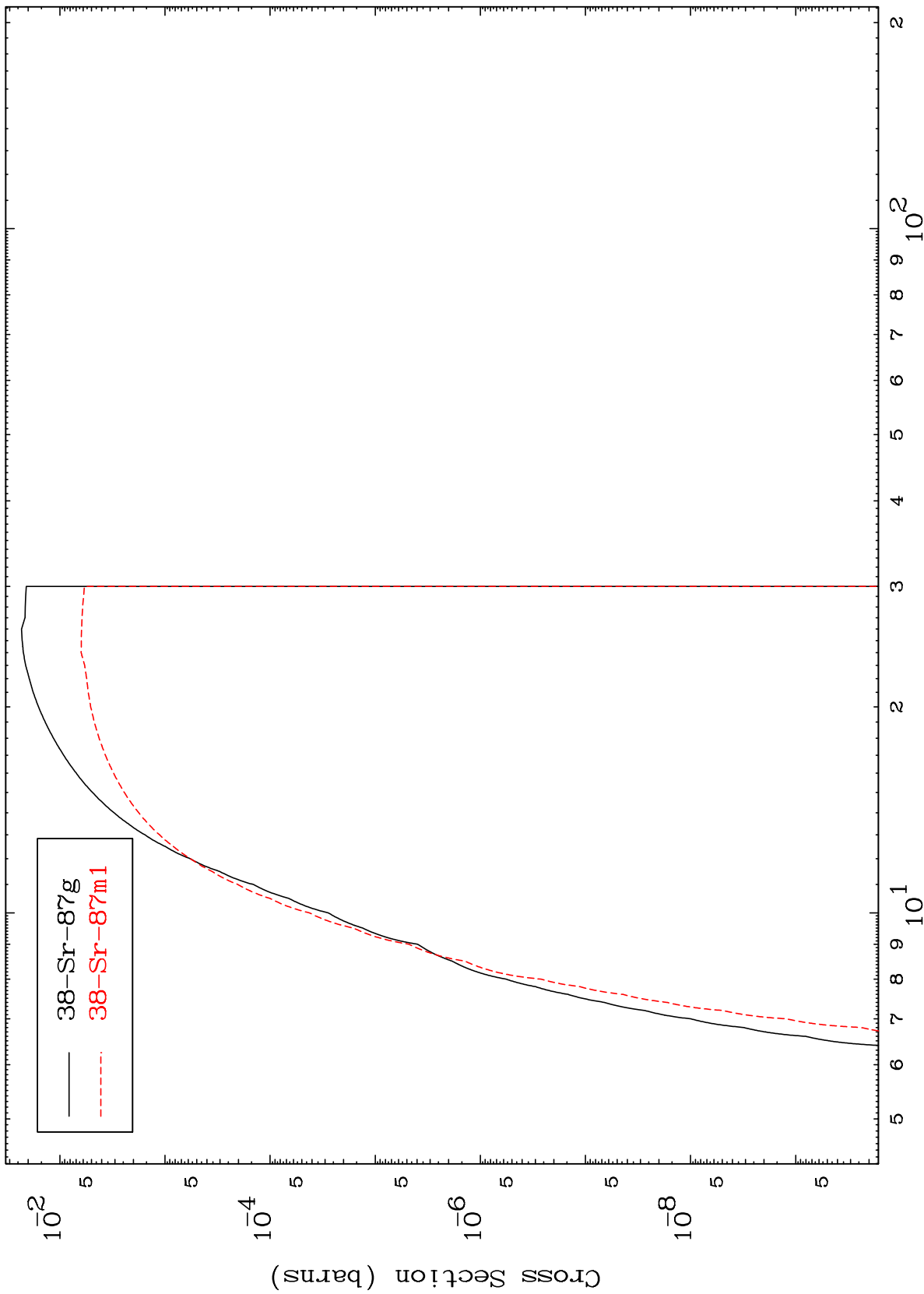
10⁻¹⁰

Incident Energy (MeV)

39-Y -88

132

Radionuclide Production Cross Section (n,d)

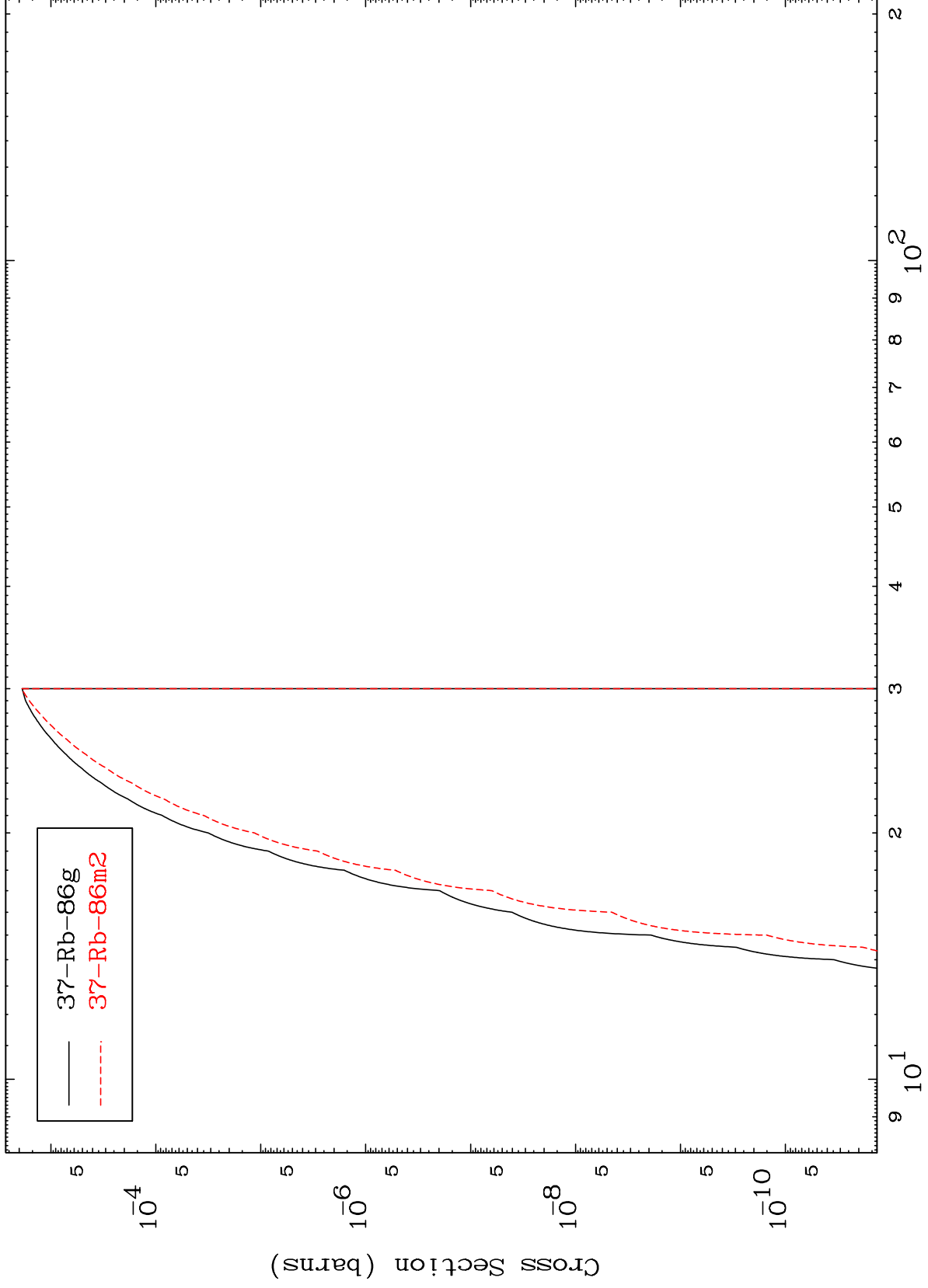


MAT 3922

(n,He-3)

39-Y -88

Radionuclide Production Cross Section



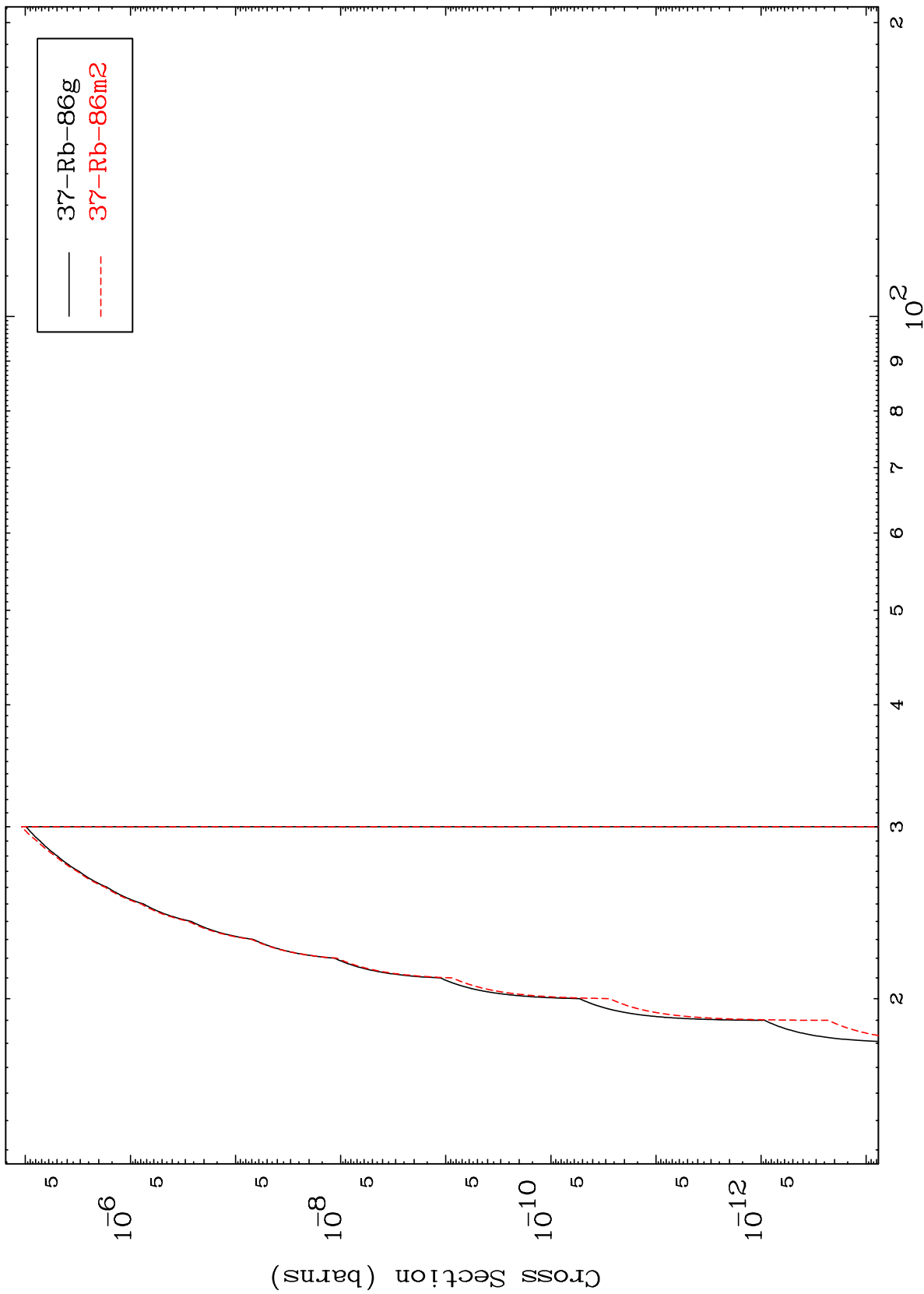
— 37-Rb-86g
- - - 37-Rb-86m2

134

Incident Energy (MeV)

39-Y -88

Radionuclide Production Cross Section



Radionuclide Production Cross Section

