

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

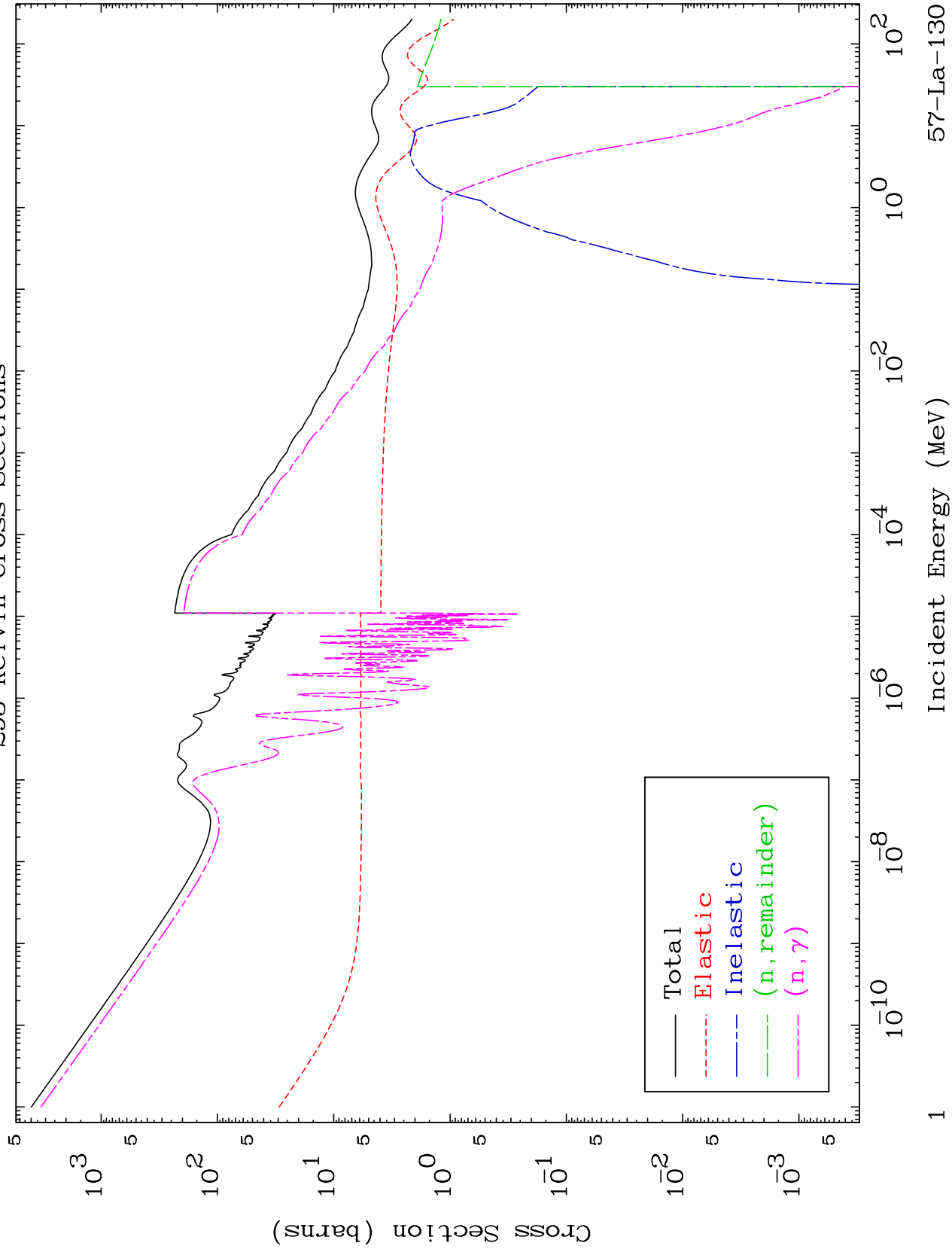
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5701

Major
293 Kelvin Cross Sections

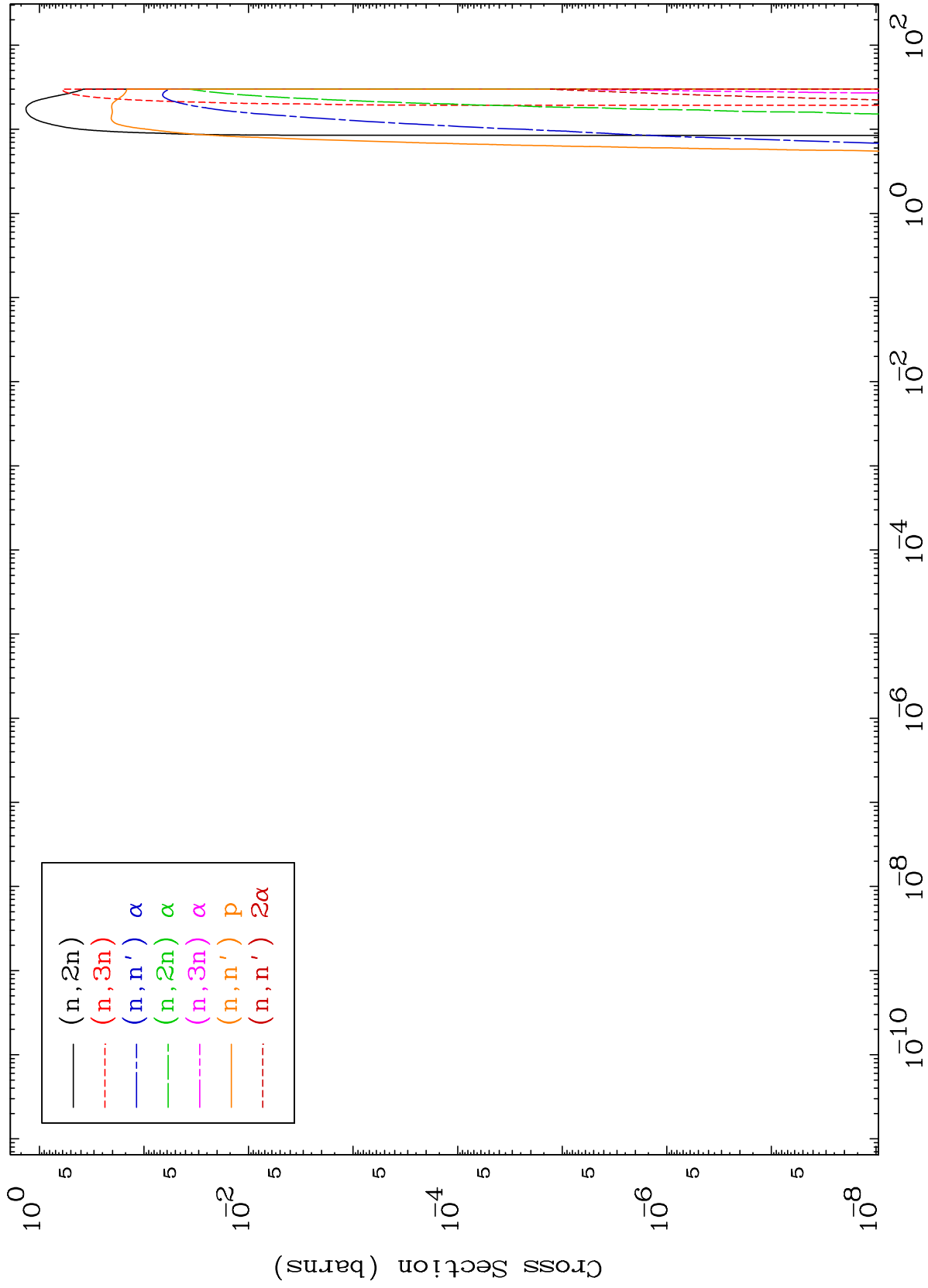
57-La-130



MAT 5701

Neutron Production
293 Kelvin Cross Sections

57-La-130



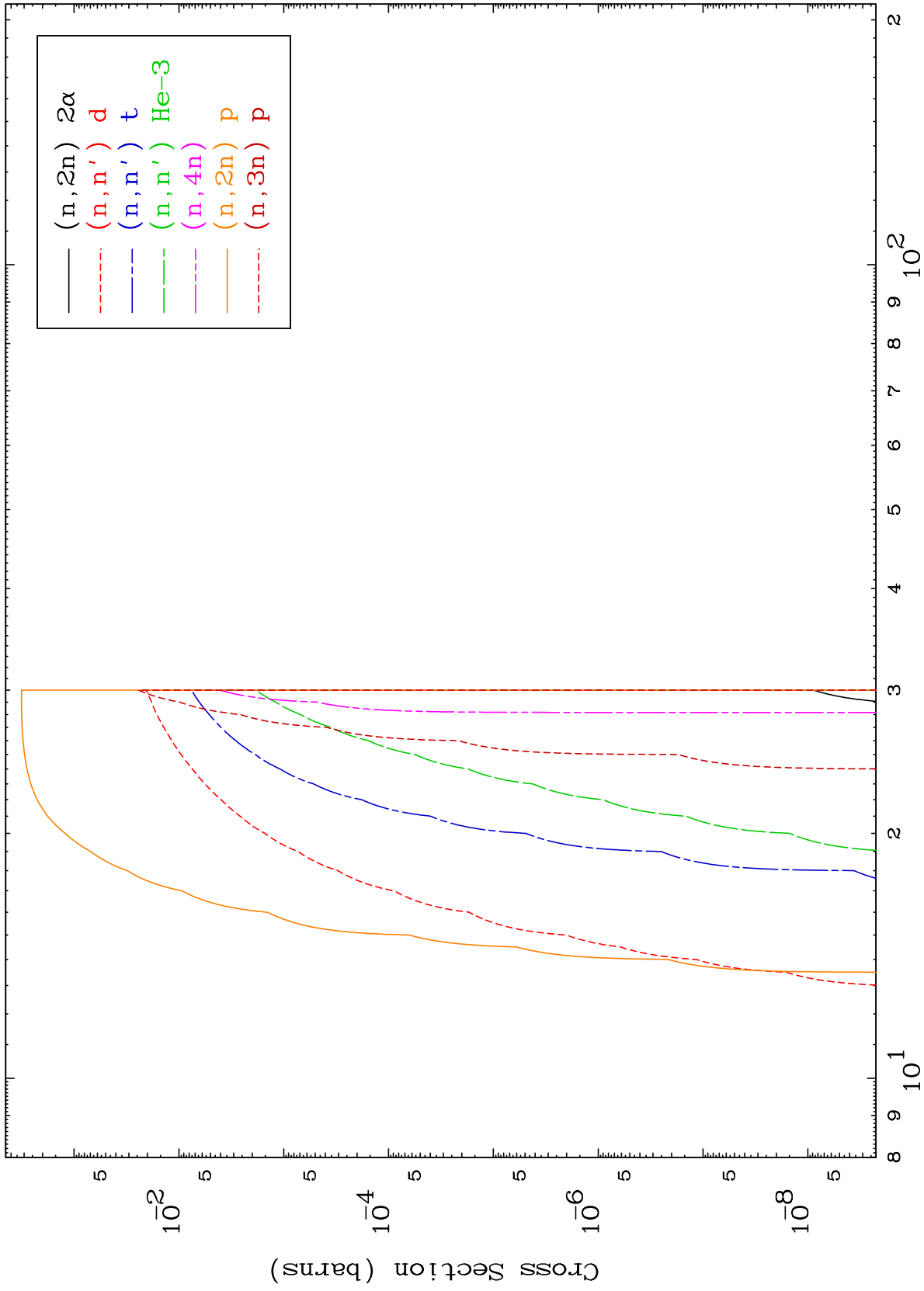
2

57-La-130

MAT 5701

Neutron Production
293 Kelvin Cross Sections

57-La-130



3

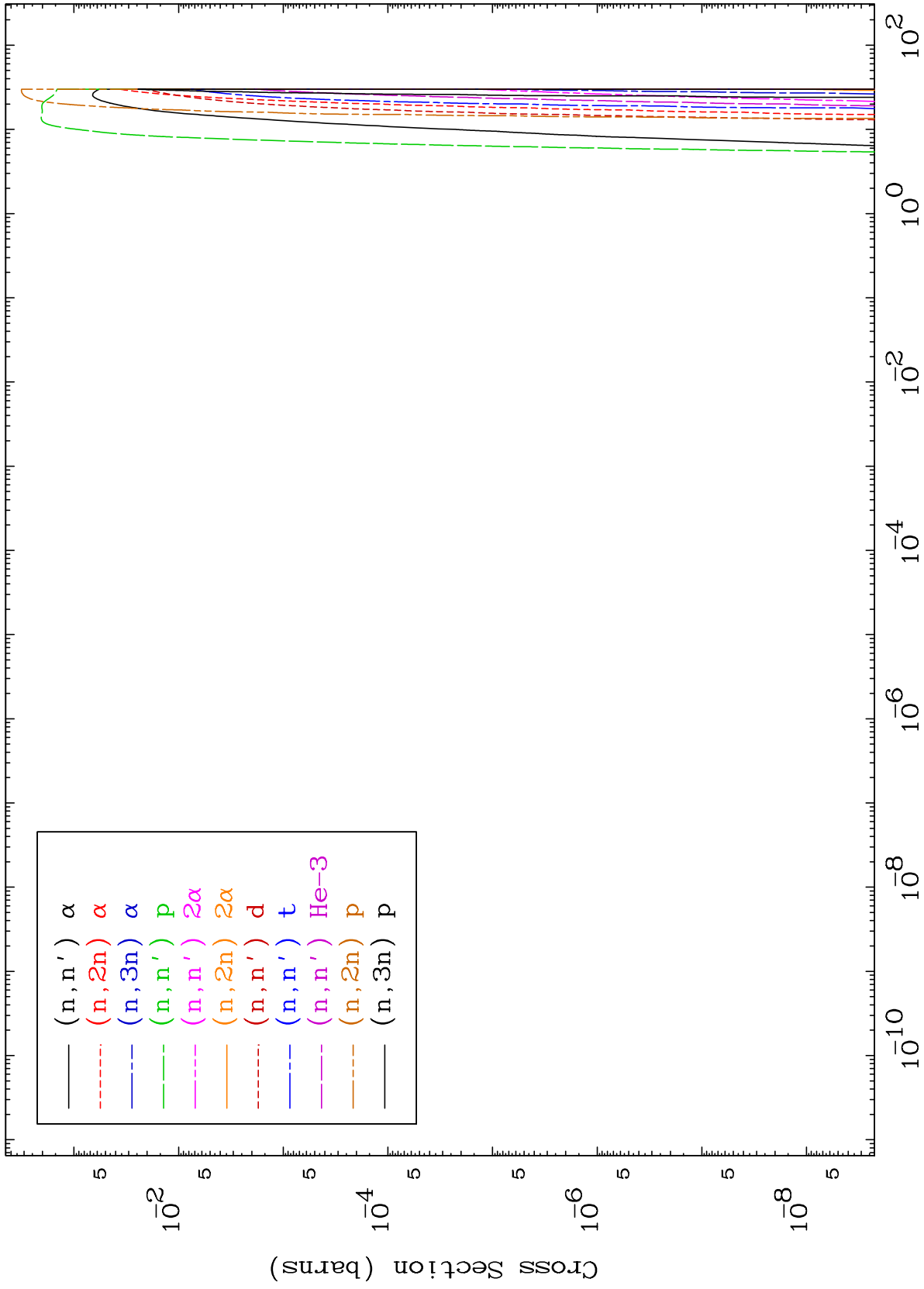
Incident Energy (MeV)

57-La-130

MAT 5701

Charged Particle
293 Kelvin Cross Sections

57-La-130



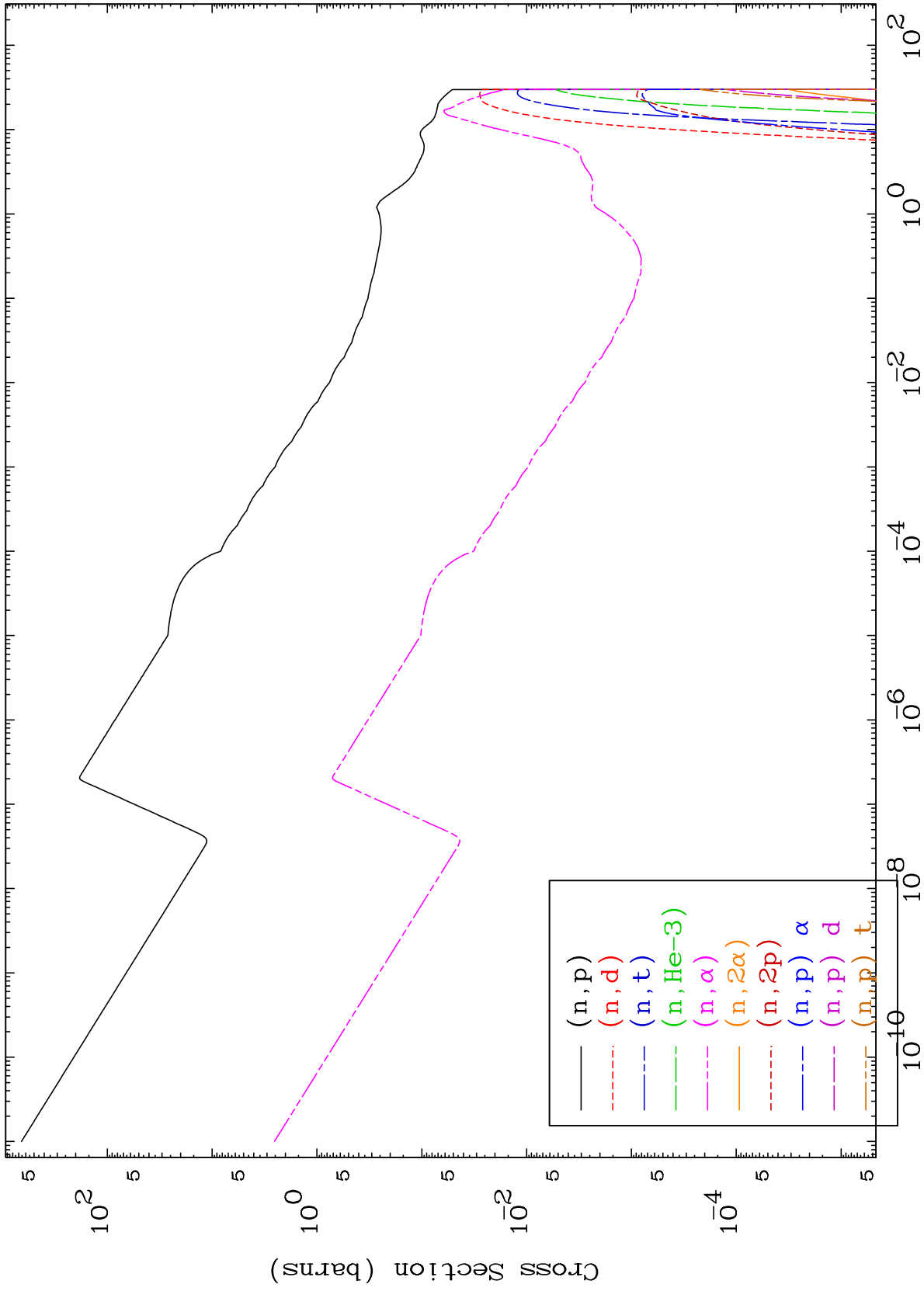
57-La-130

Incident Energy (MeV)

MAT 5701

Charged Particle
293 Kelvin Cross Sections

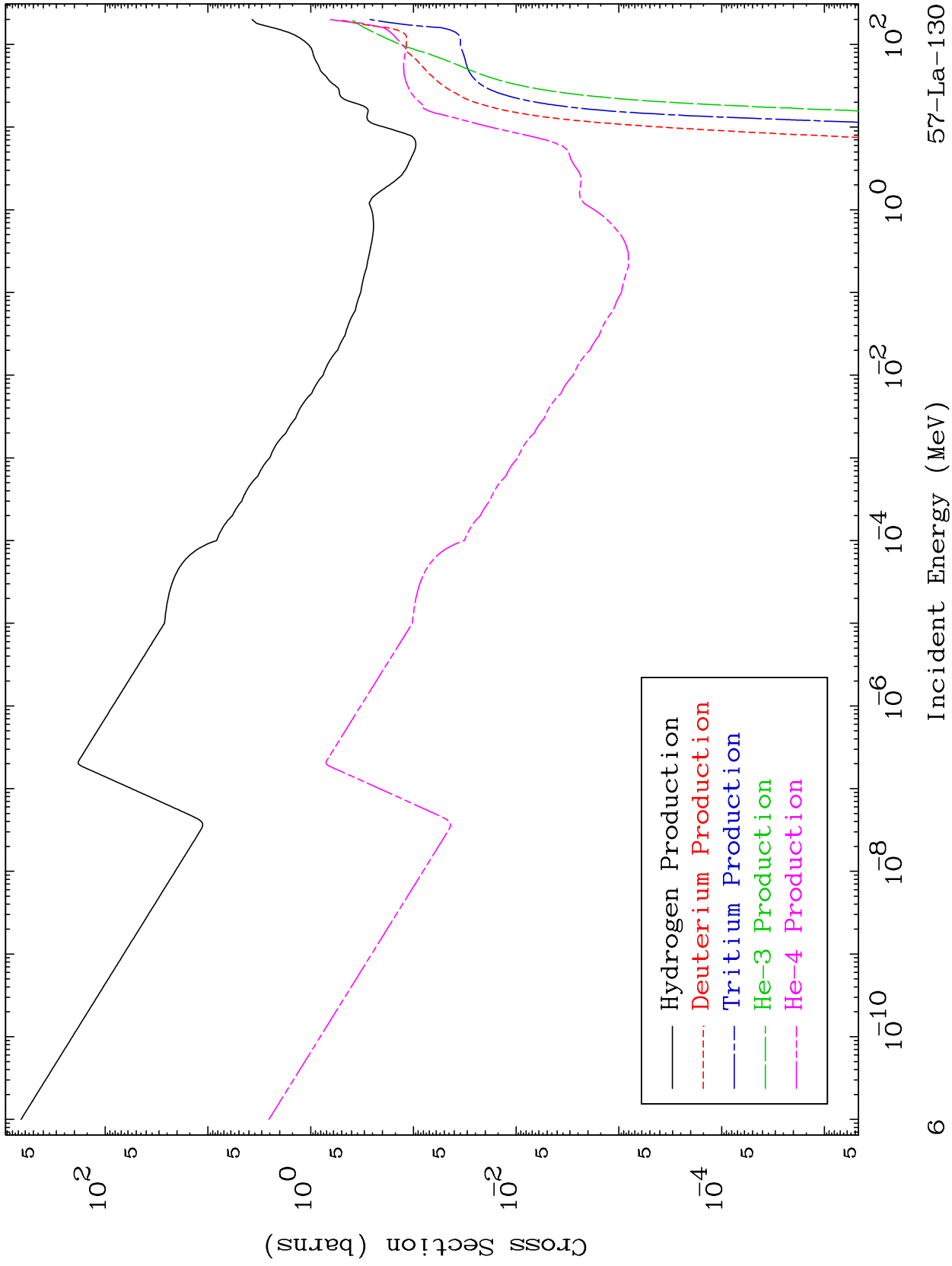
57-La-130

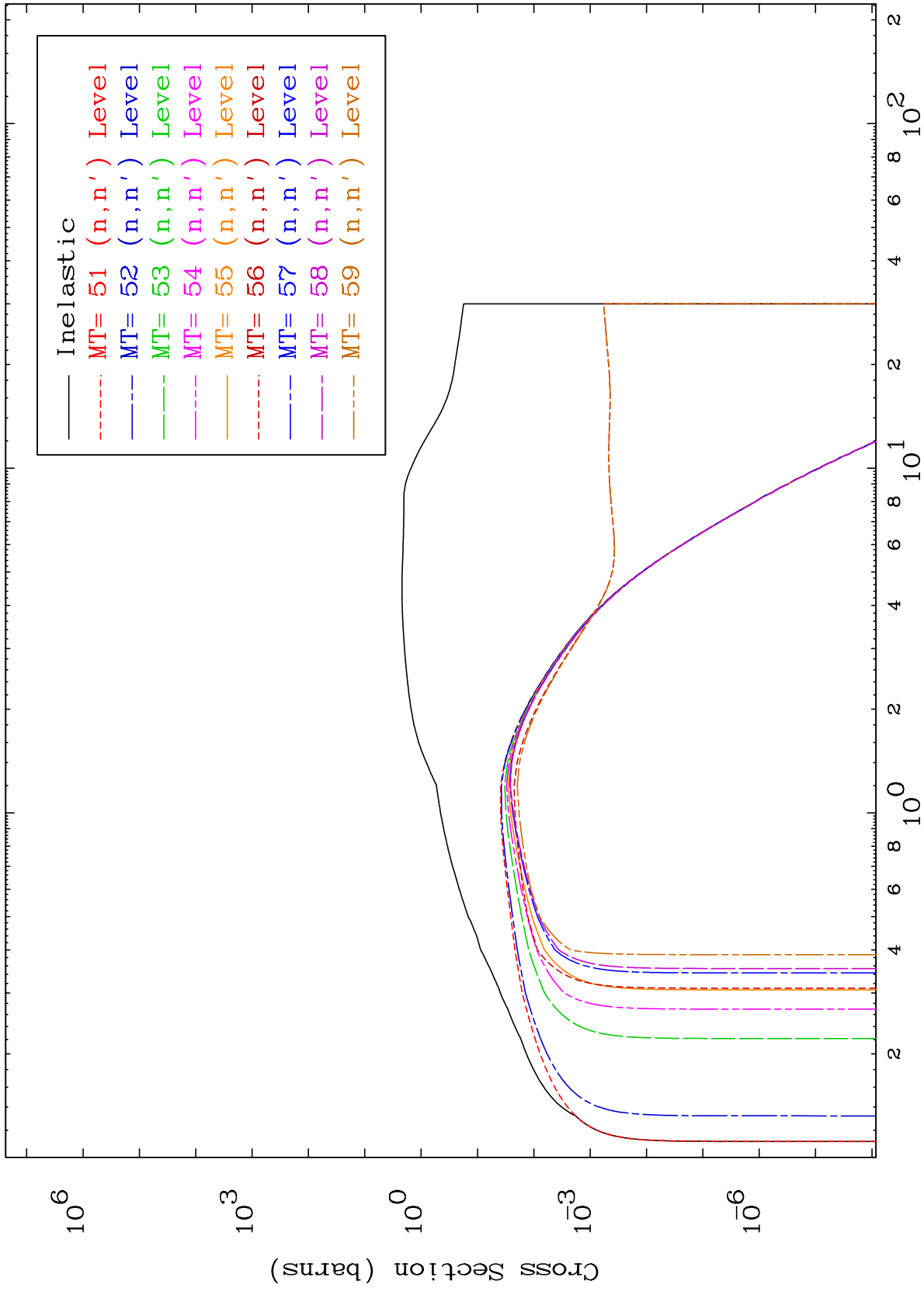


MAT 5701

Particle Production
293 Kelvin Cross Sections

57-La-130



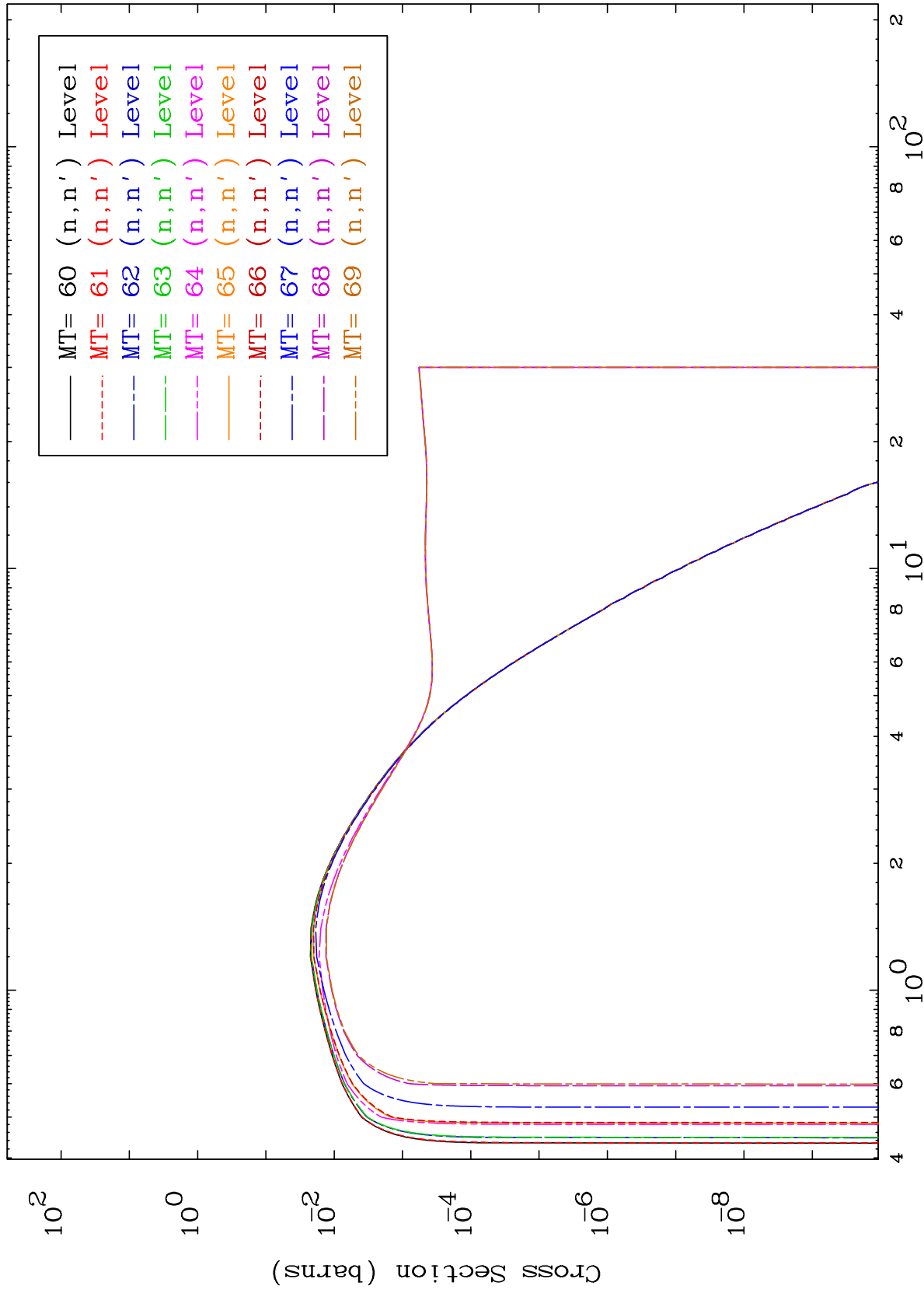


MAT 5701

(n,n') Level

57-La-130

293 Kelvin Cross Sections



8

Incident Energy (MeV)

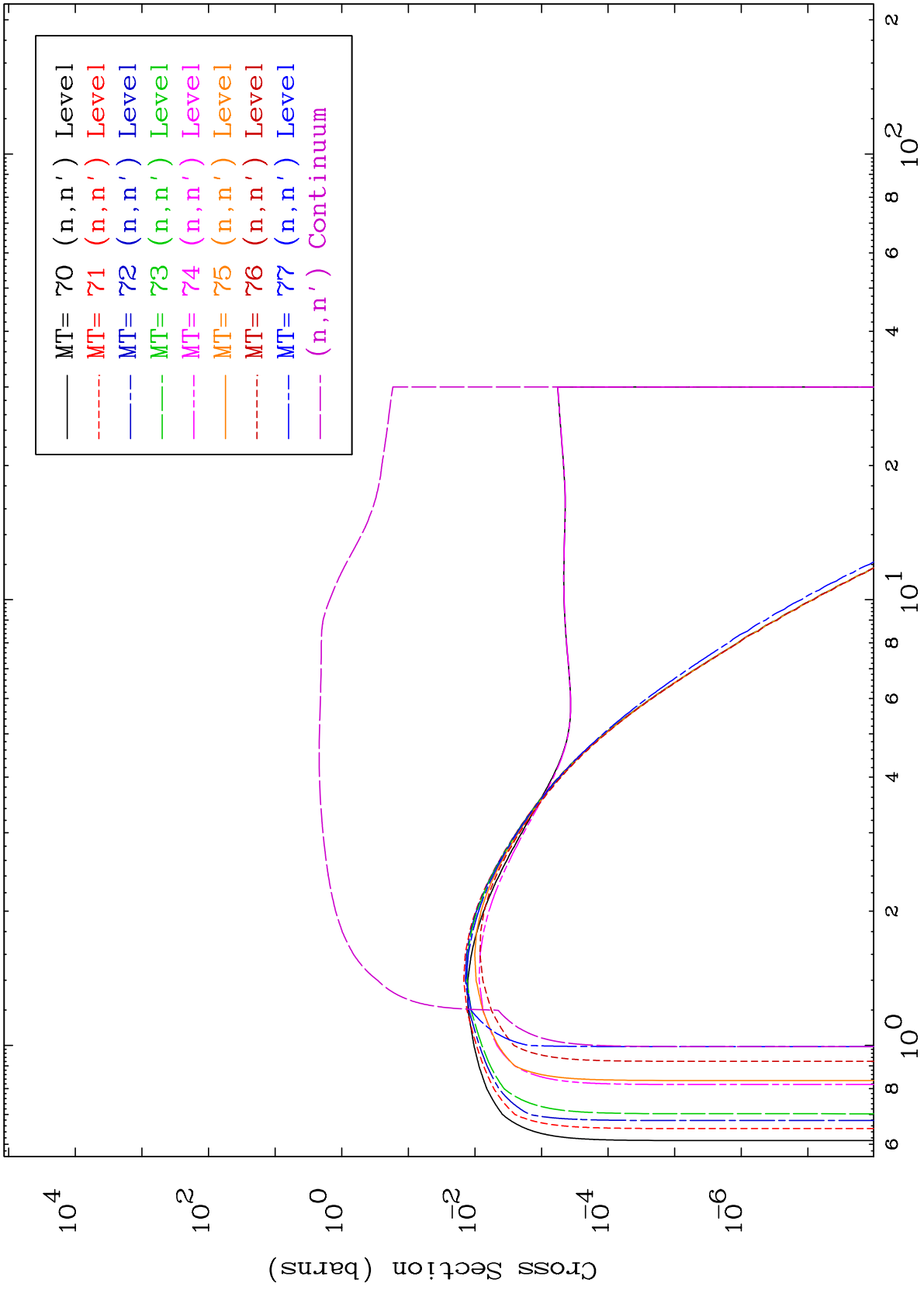
57-La-130

MAT 5701

(n,n') Level

57-La-130

293 Kelvin Cross Sections



9

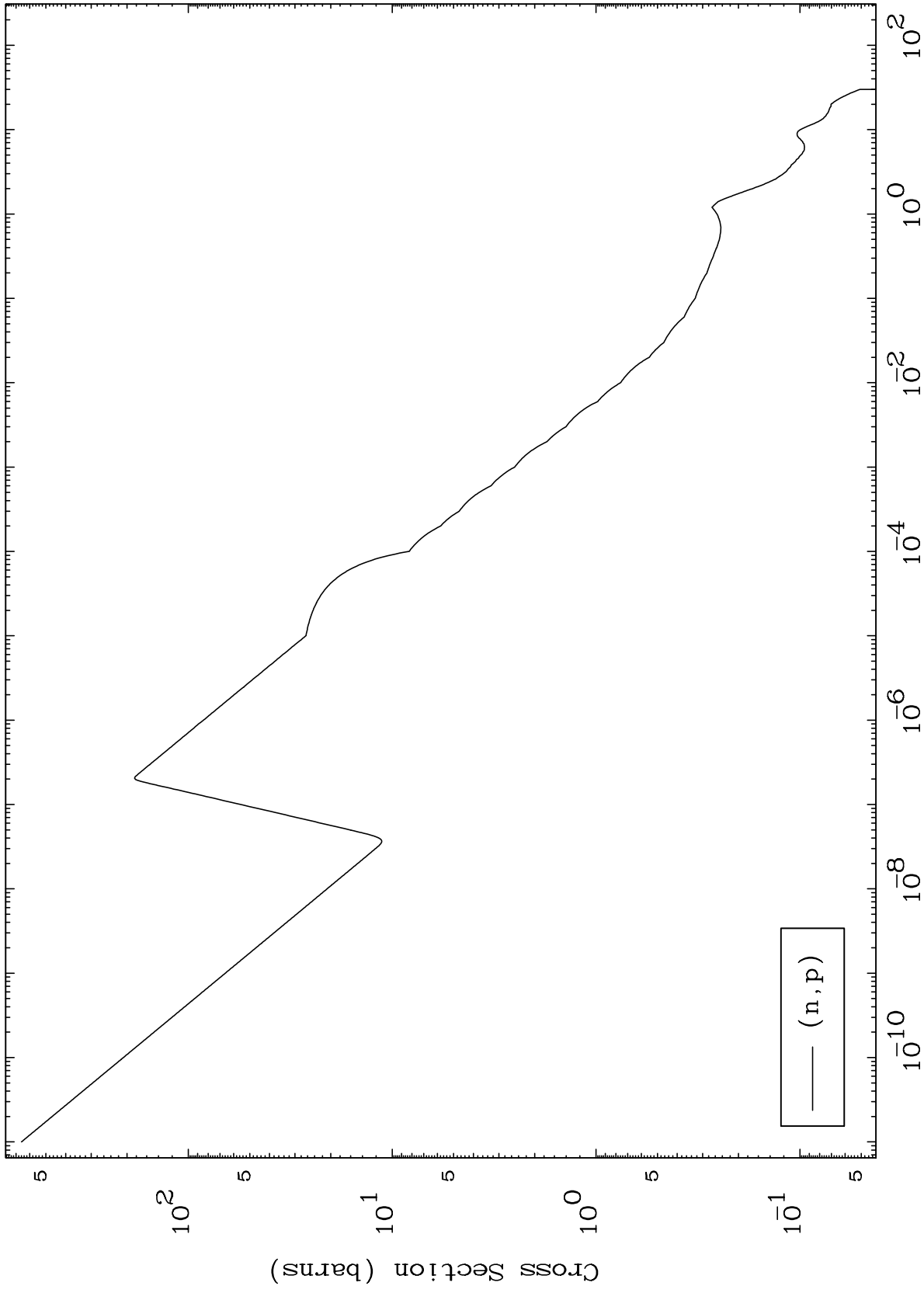
Incident Energy (MeV)

57-La-130

MAT 5701

(n,p) Levels
293 Kelvin Cross Sections

57-La-130



10

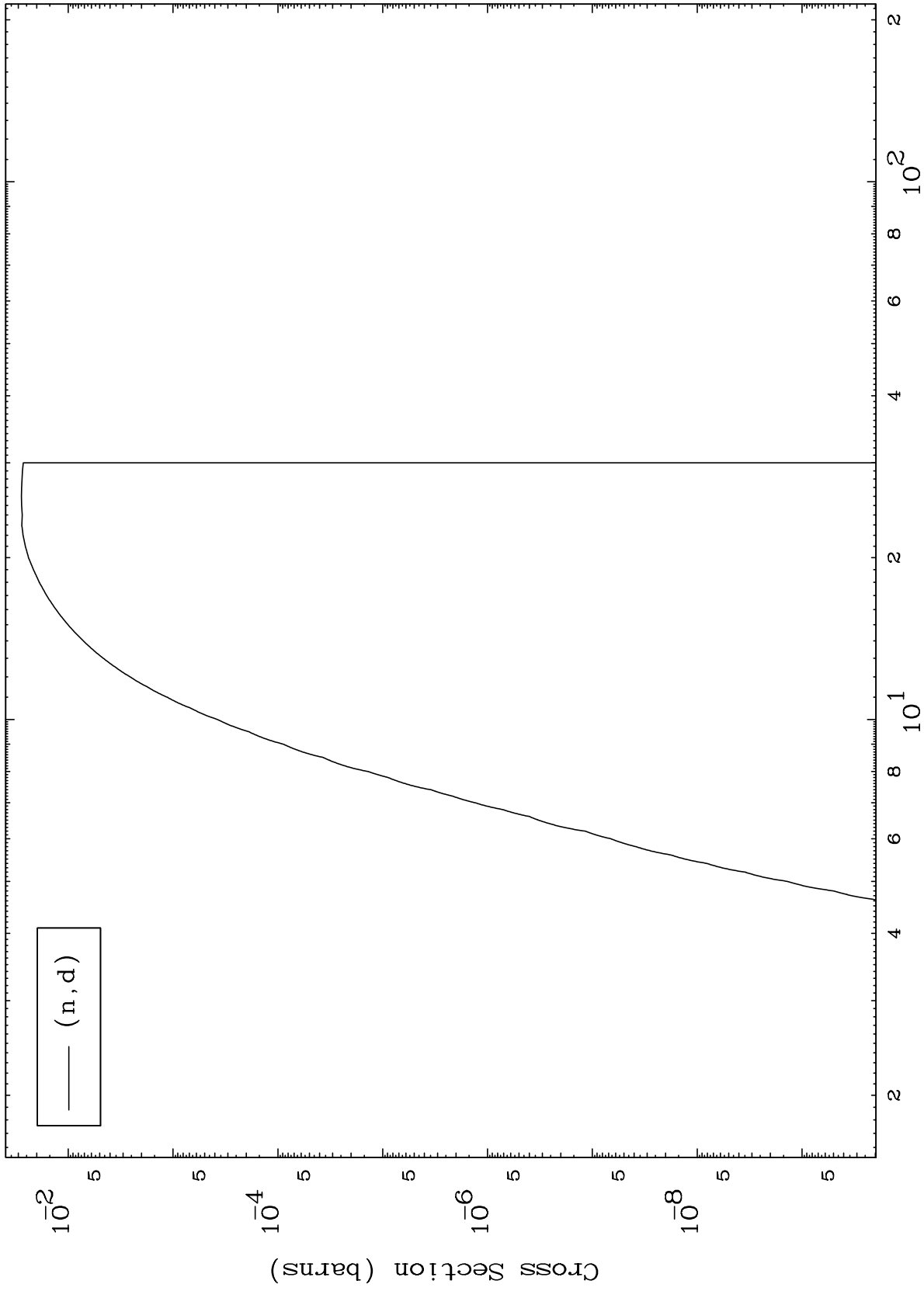
Incident Energy (MeV)

57-La-130

MAT 5701

(n,d) Levels
293 Kelvin Cross Sections

57-La-130



11

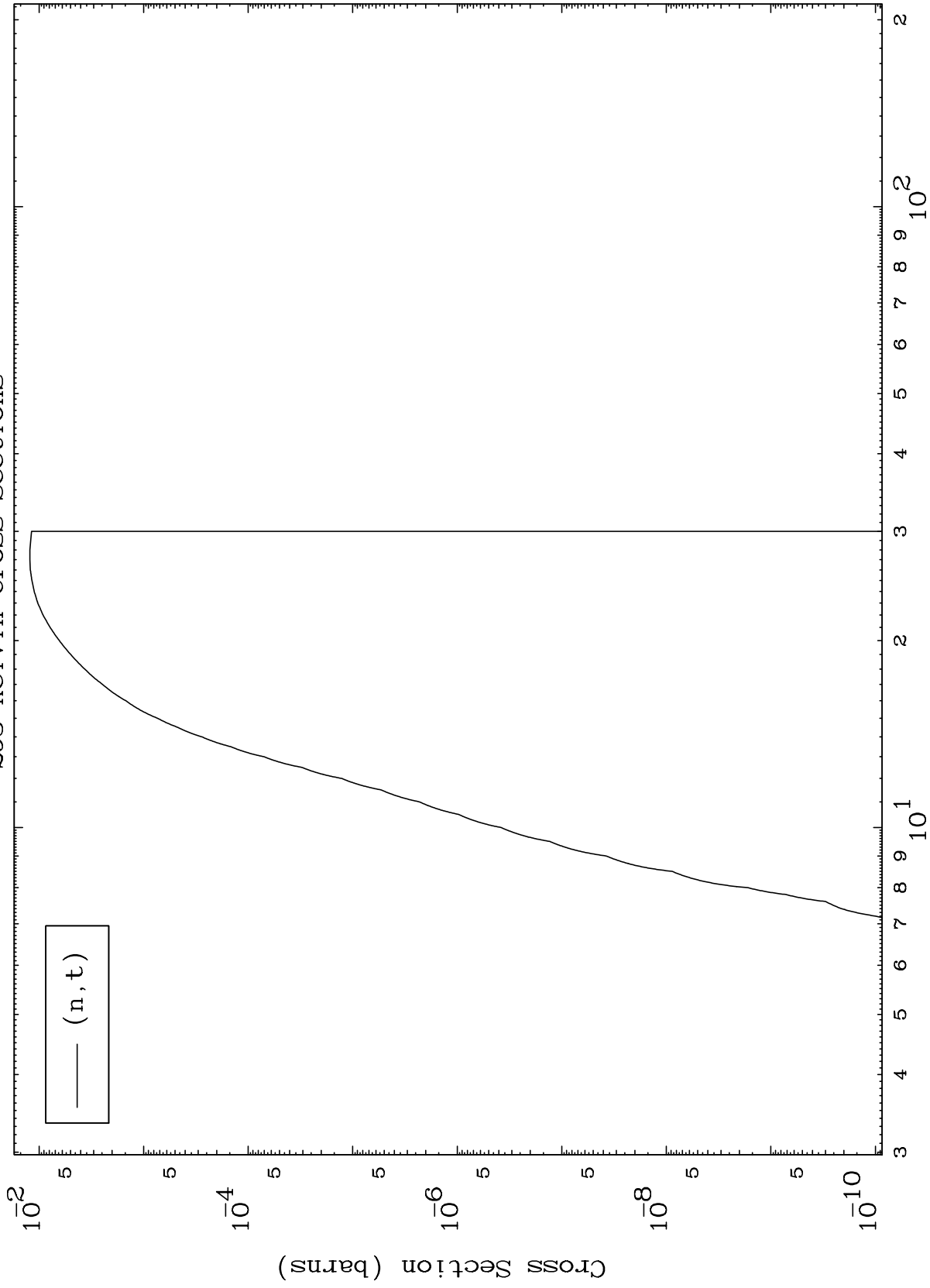
Incident Energy (MeV)

57-La-130

MAT 5701

57-La-130

(n,t) Levels
293 Kelvin Cross Sections



12

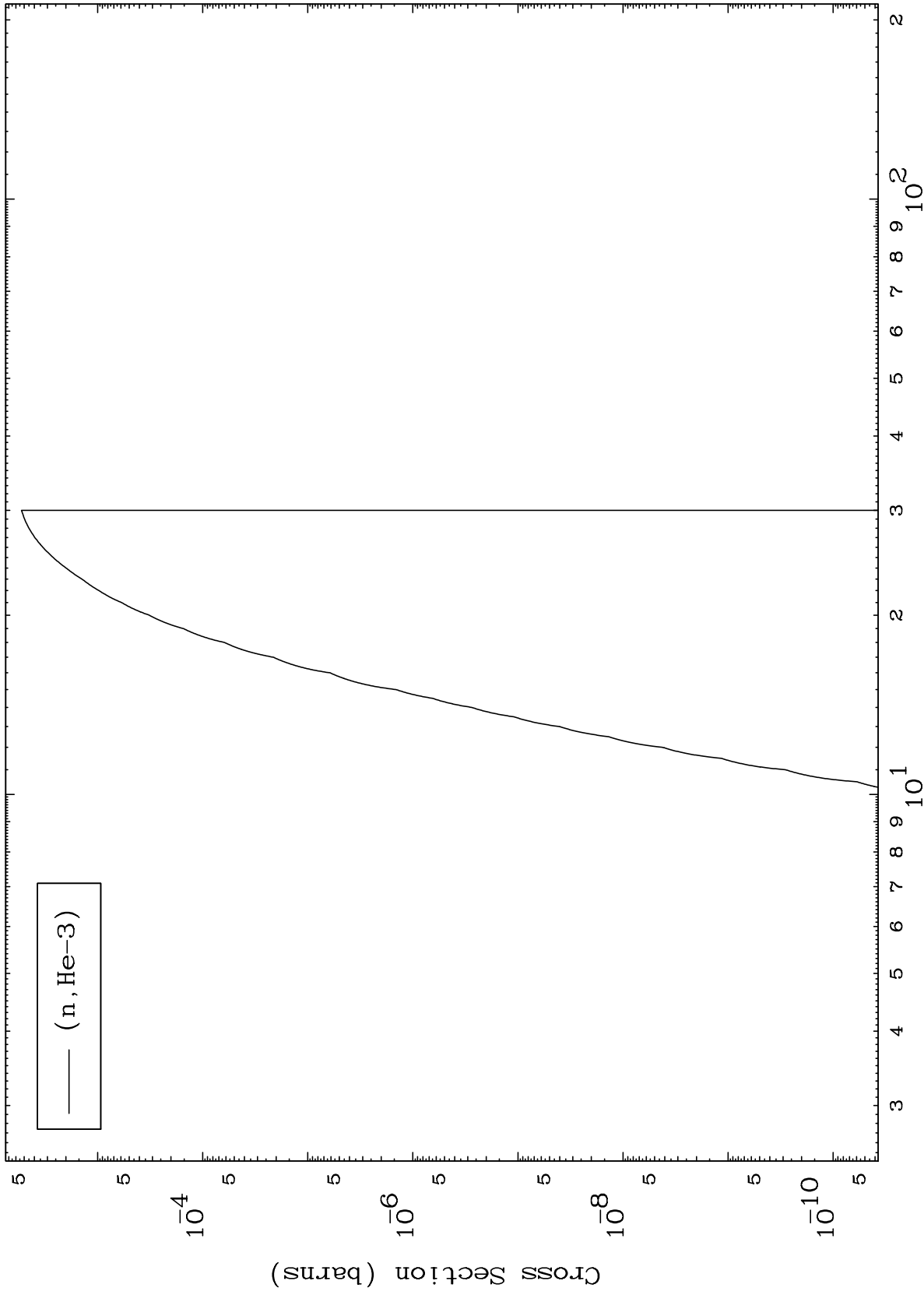
Incident Energy (MeV)

57-La-130

MAT 5701

(n,He3) Levels
293 Kelvin Cross Sections

57-La-130



13

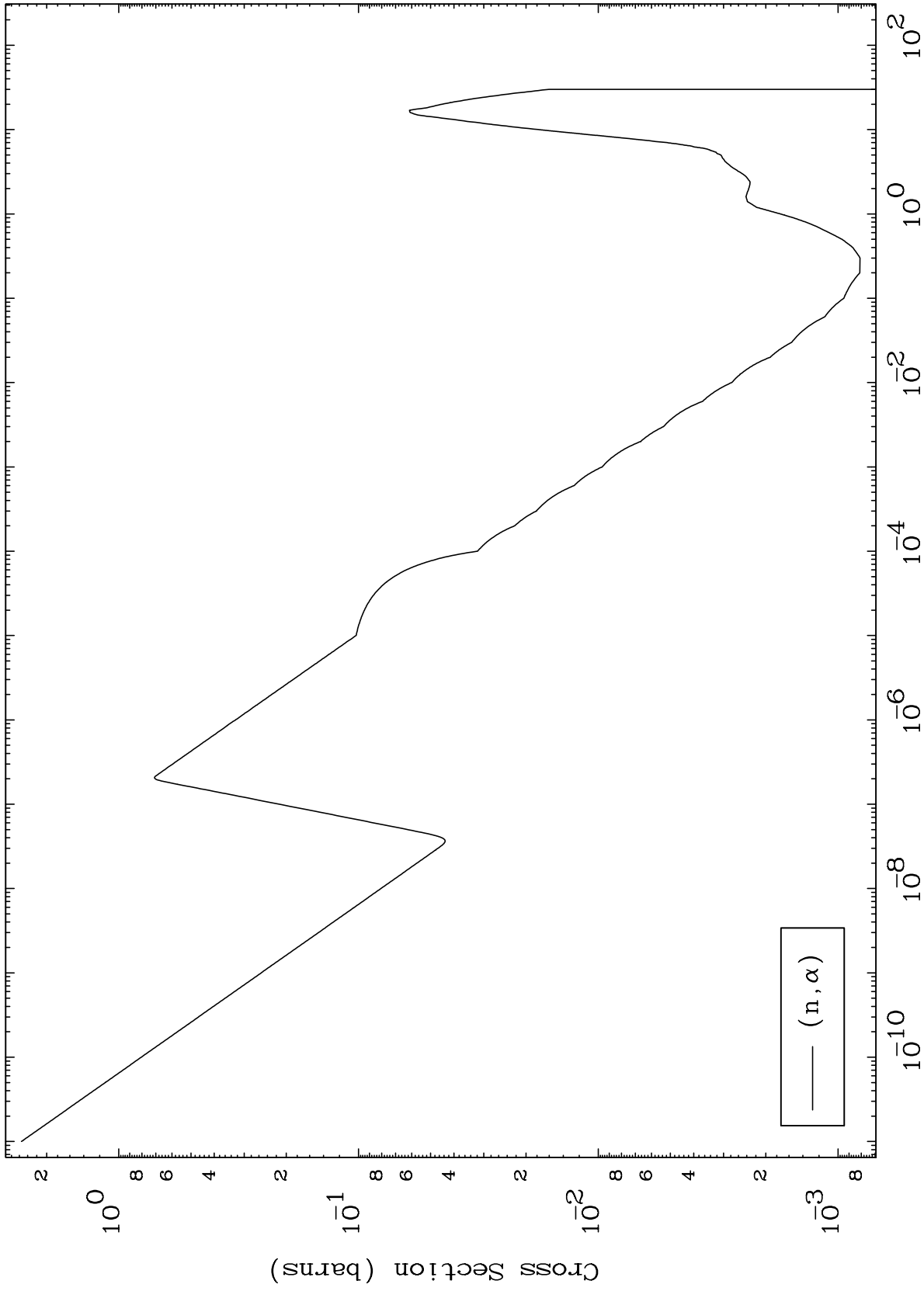
Incident Energy (MeV)

57-La-130

MAT 5701

(n,α) Levels
293 Kelvin Cross Sections

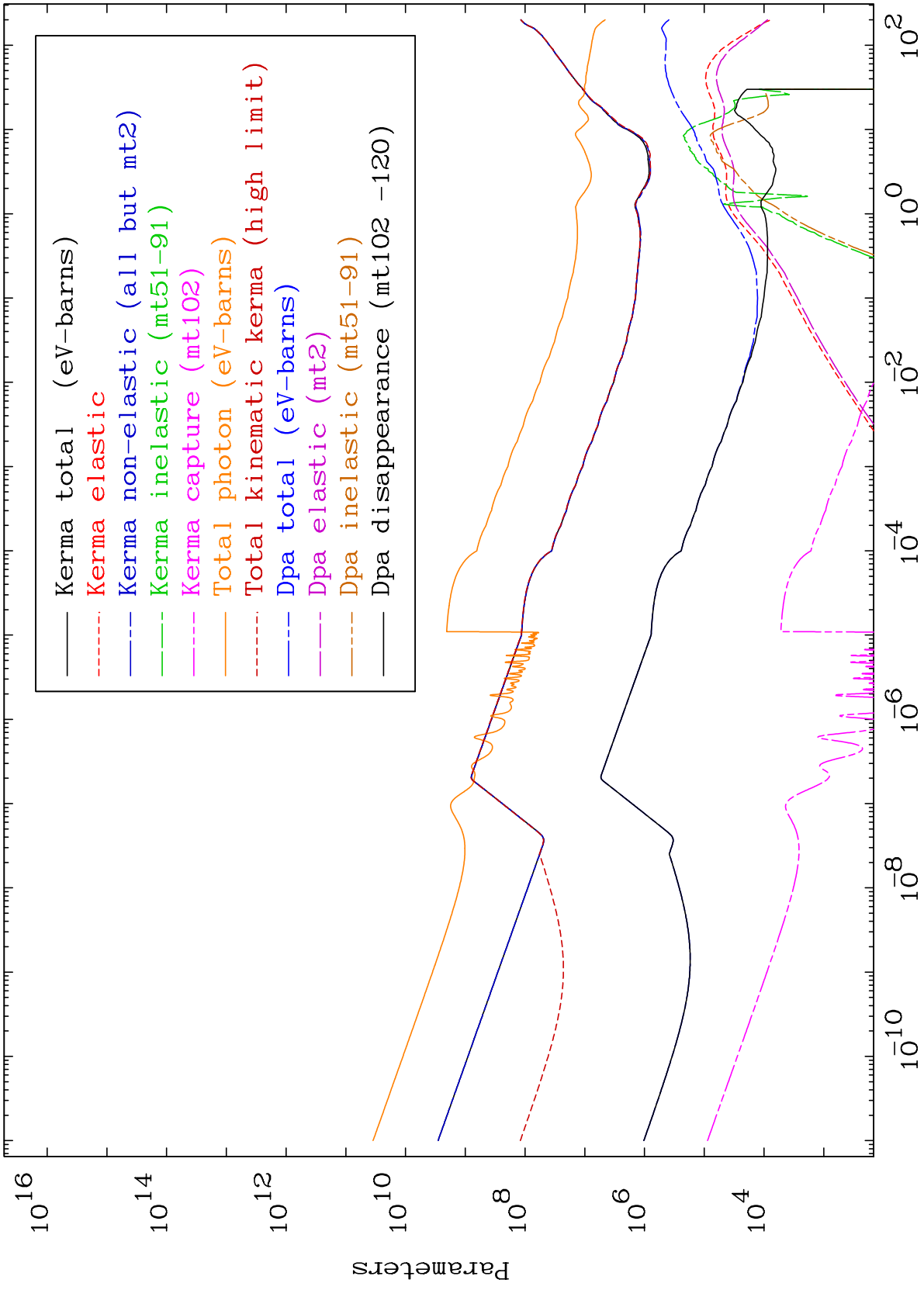
57-La-130

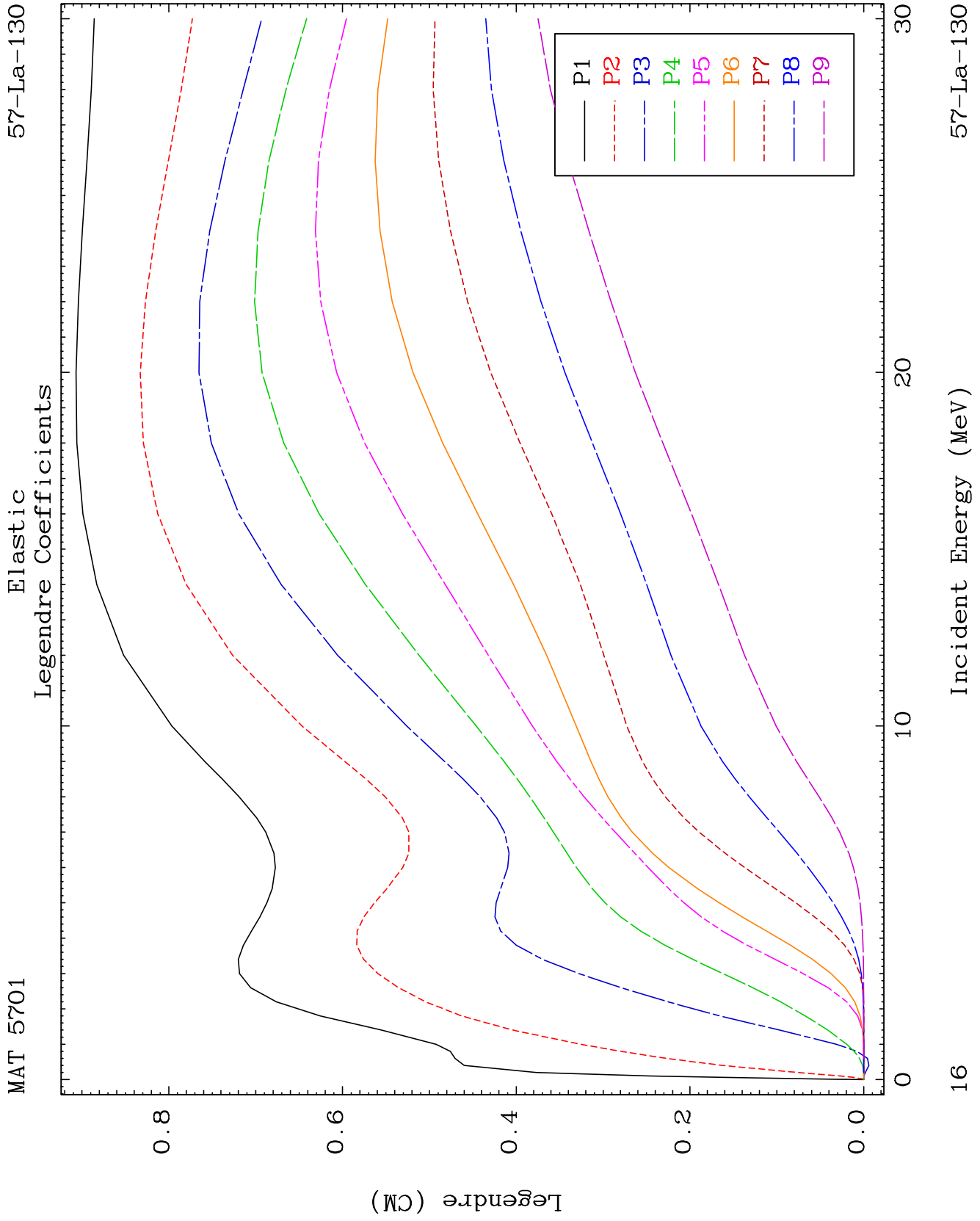


14

Incident Energy (MeV)

57-La-130

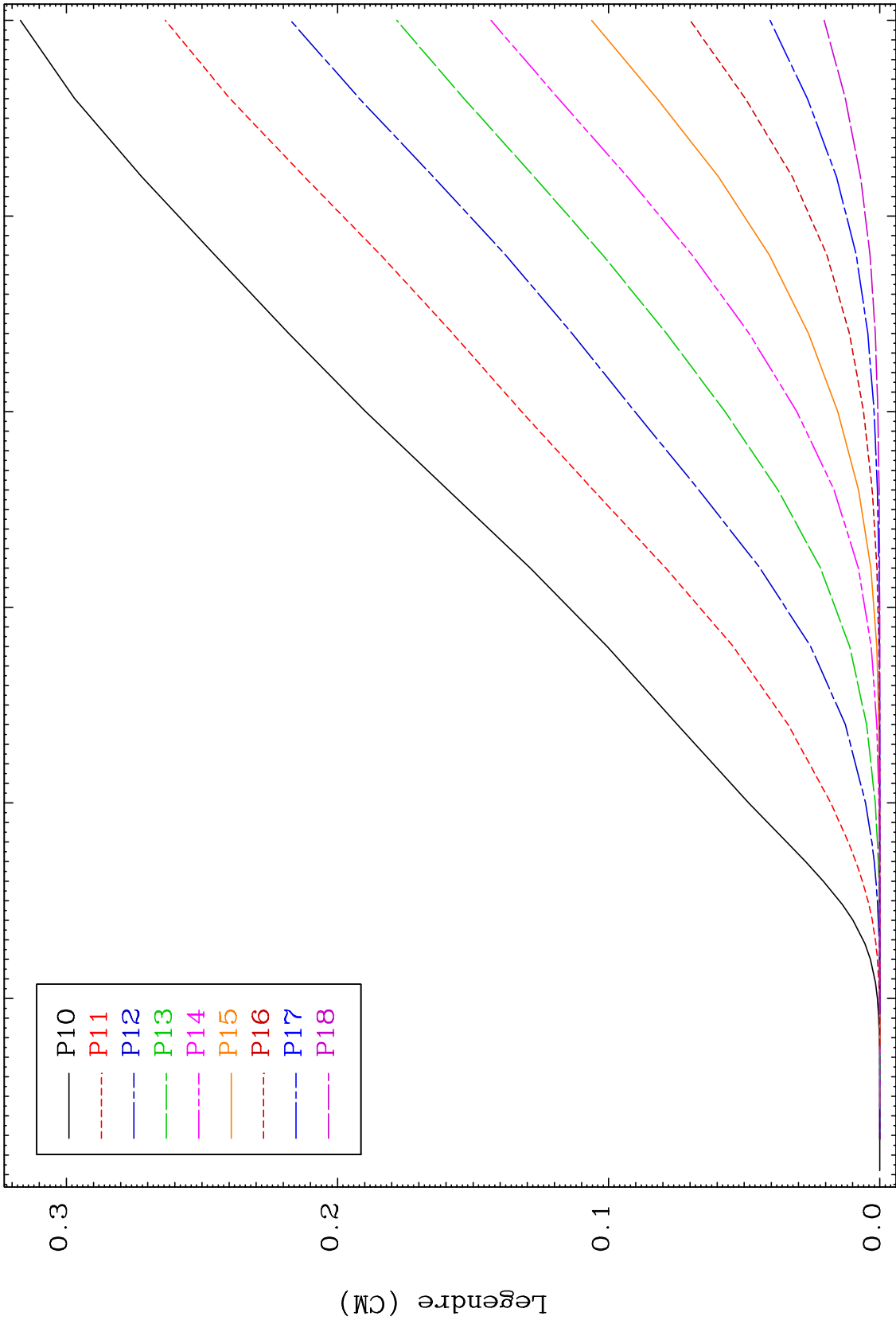




MAT 5701

Elastic Legendre Coefficients

57-La-130



17

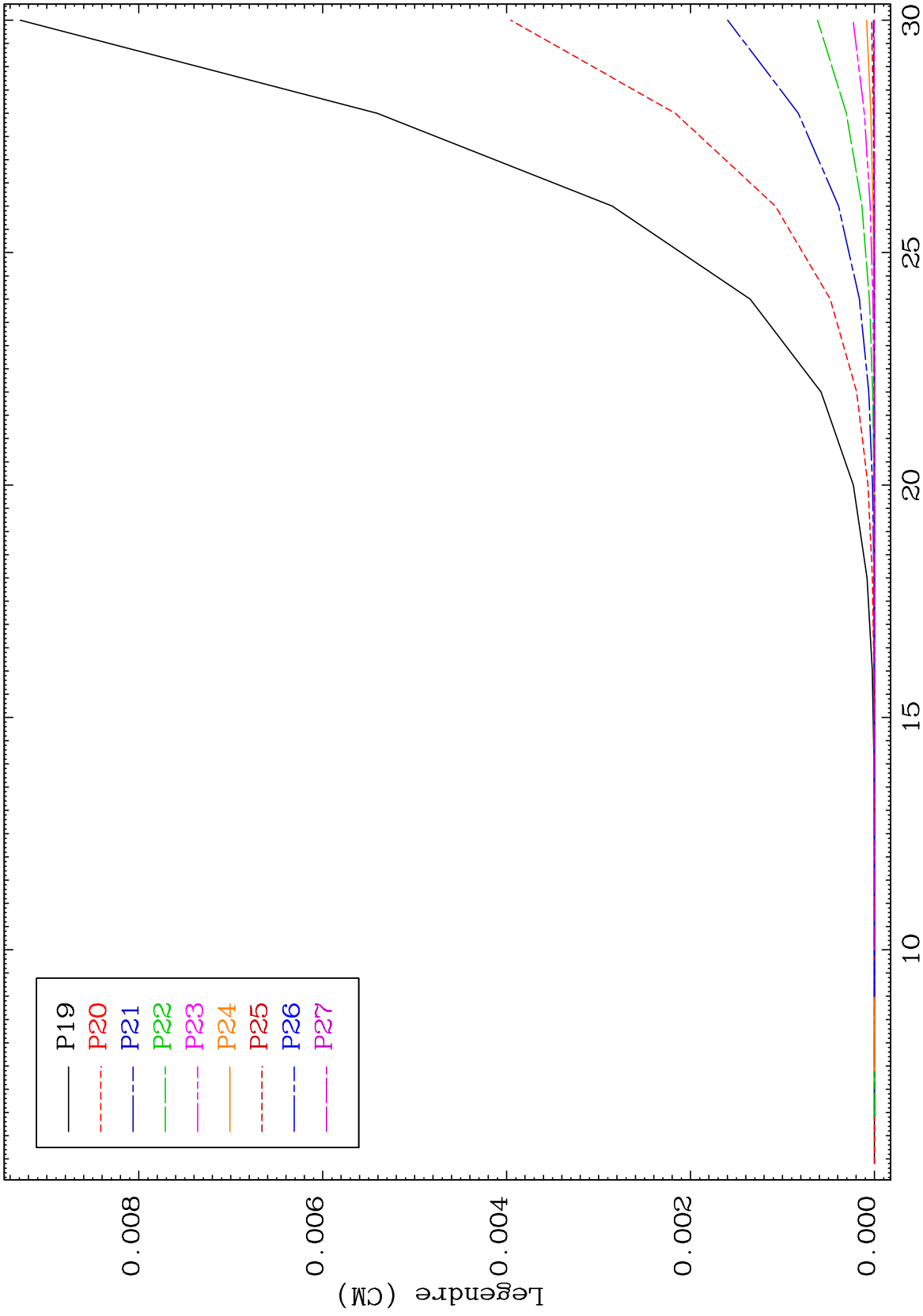
Incident Energy (MeV)

57-La-130

MAT 5701

Elastic
Legendre Coefficients

57-La-130



18

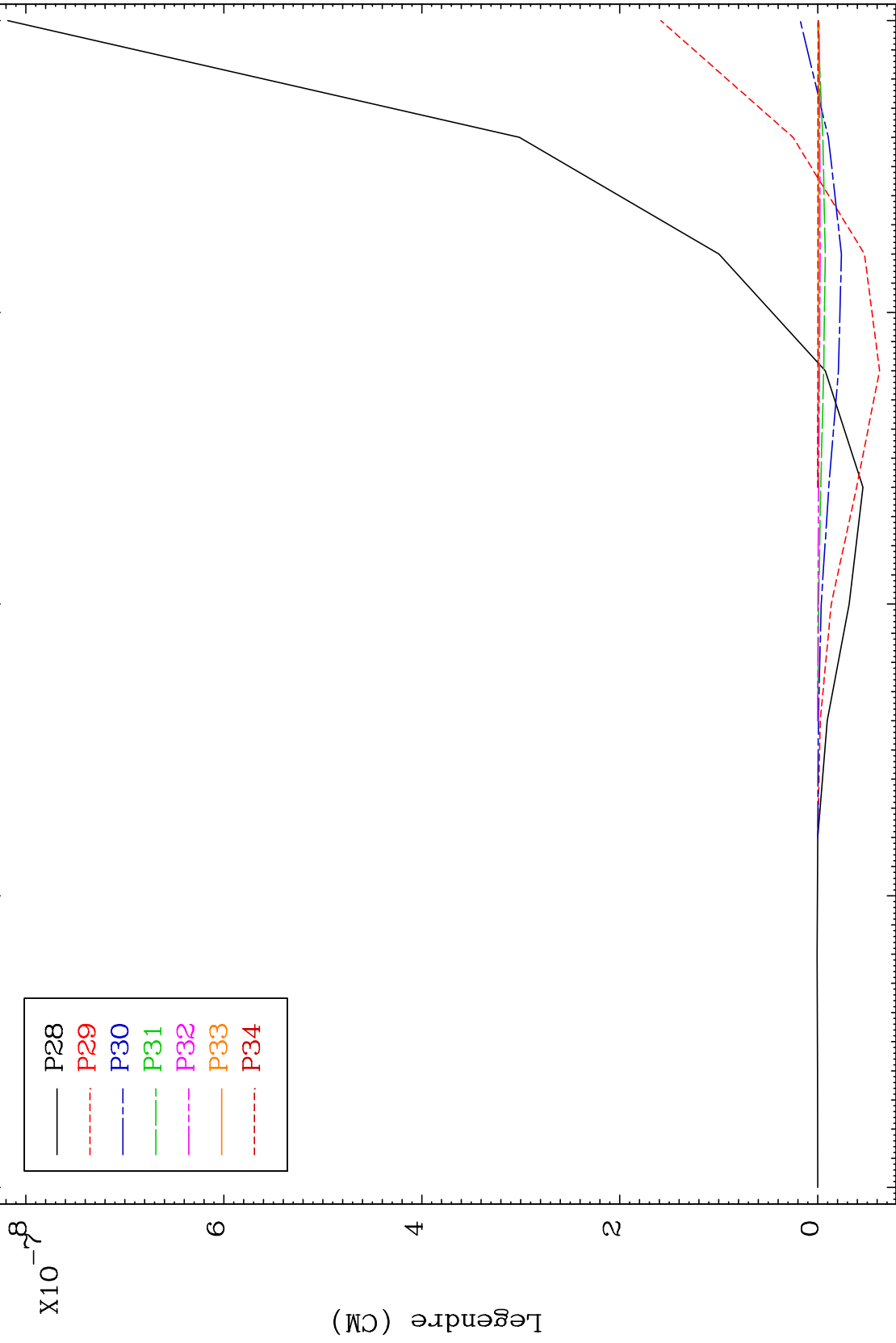
Incident Energy (MeV)

57-La-130

MAT 5701

Elastic Legendre Coefficients

57-La-130

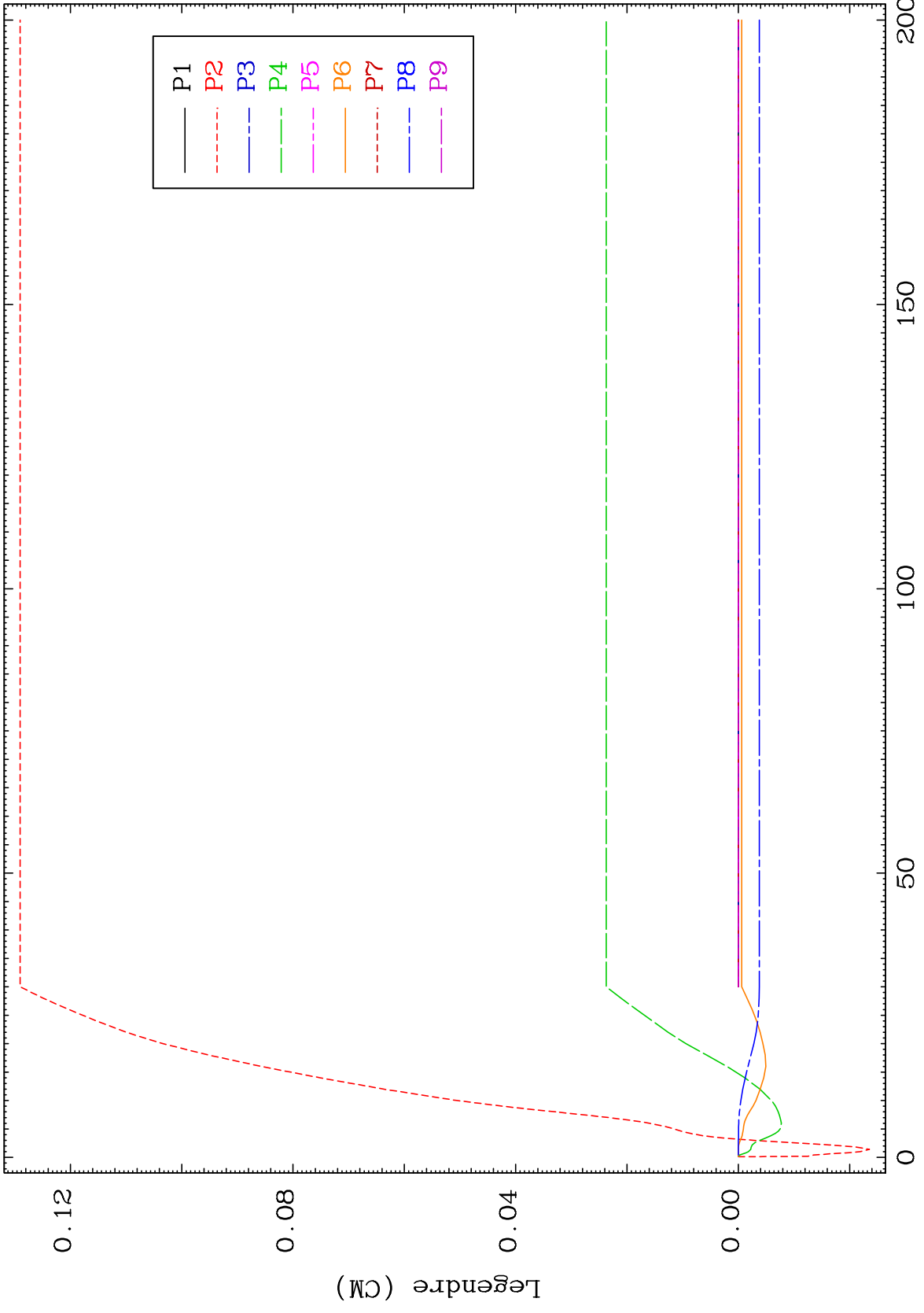


19

Incident Energy (MeV)

57-La-130

MAT 5701 MT= 51 (n,n') Level Legendre Coefficients 57-La-130

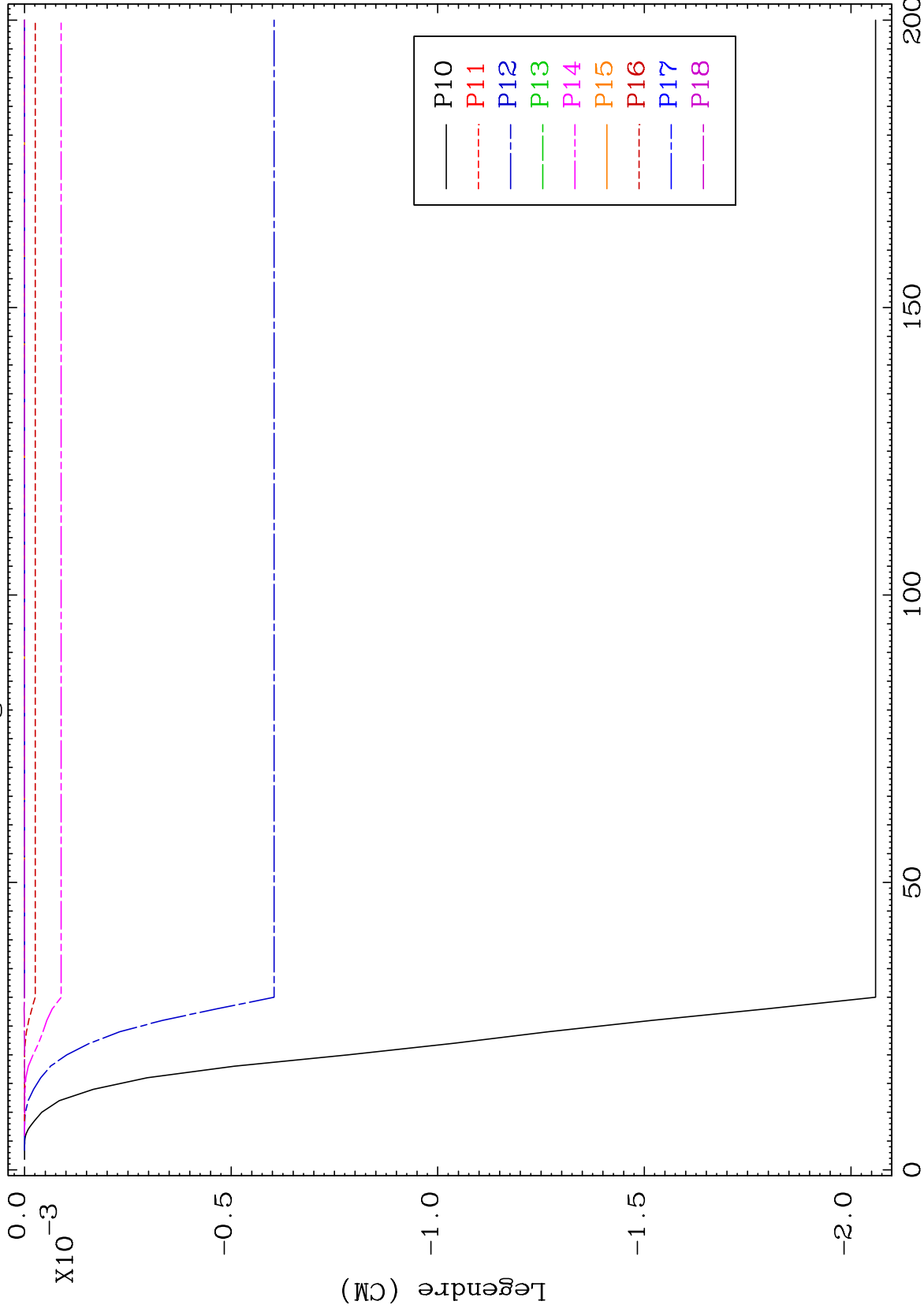


57-La-130

MAT 5701

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

57-La-130

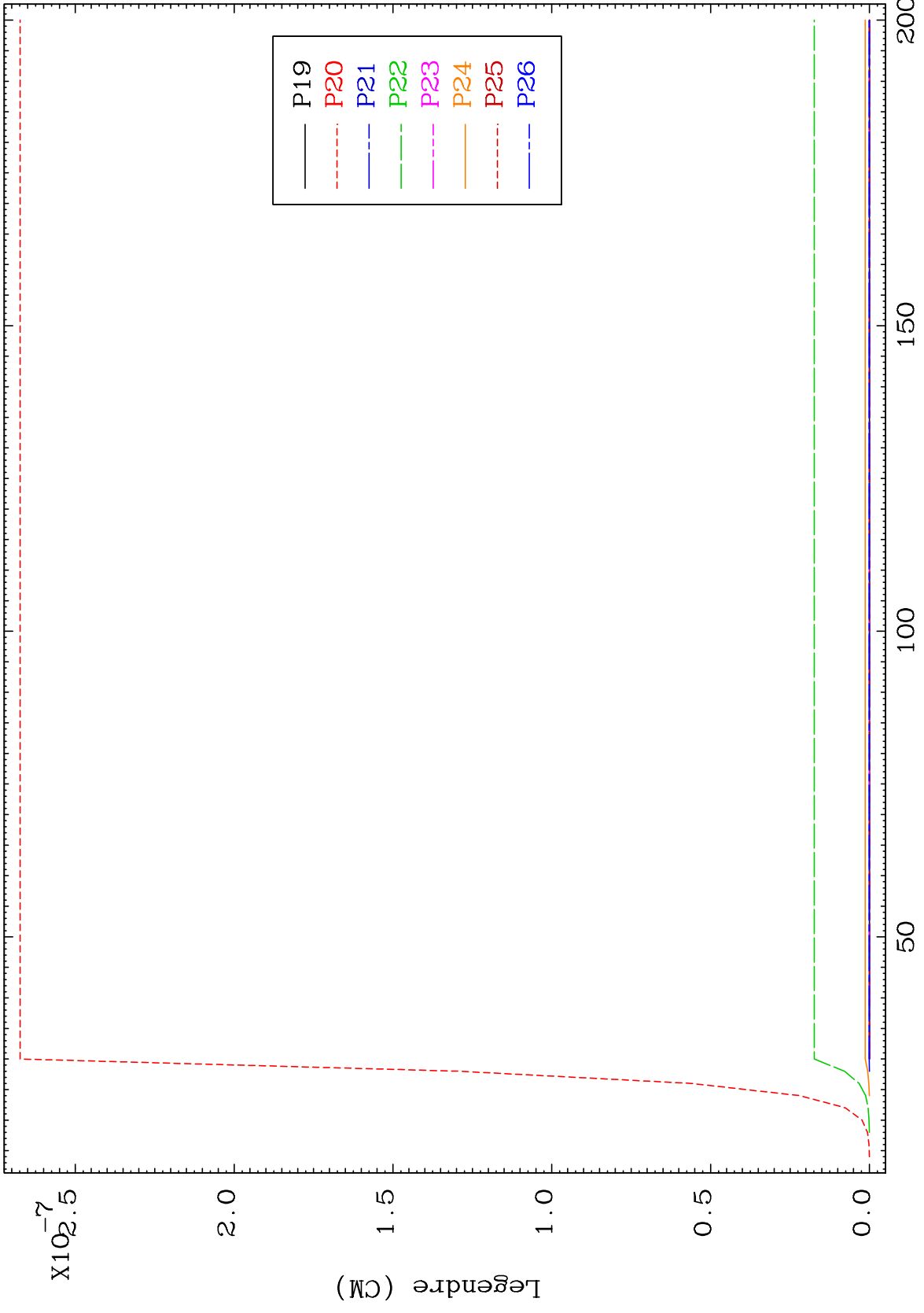


57-La-130

Incident Energy (MeV)

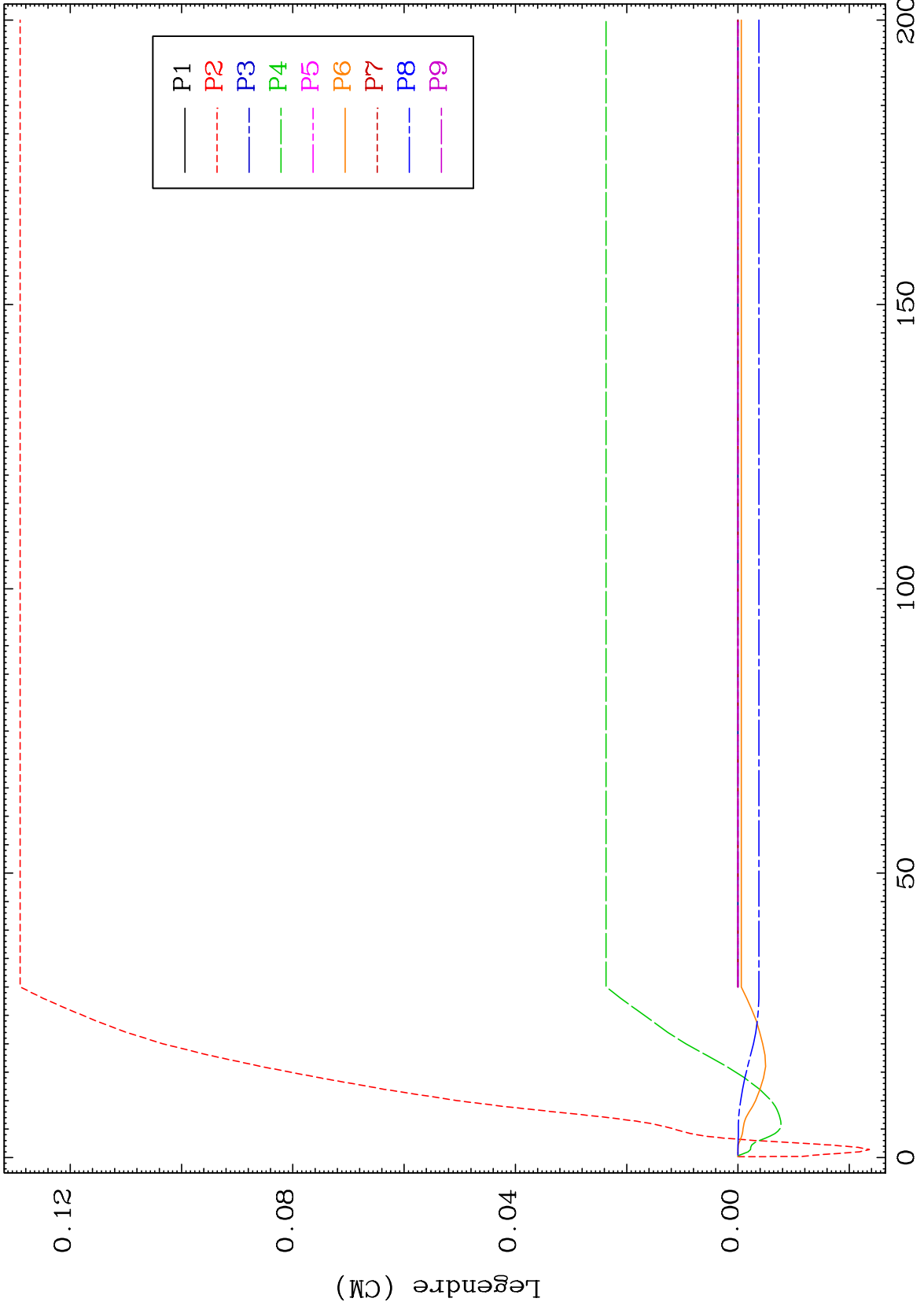
21

MAT 5701 MT= 51 (n,n') Level Legendre Coefficients 57-La-130



22 57-La-130

MAT 5701 MT= 52 (n,n') Level Legendre Coefficients 57-La-130

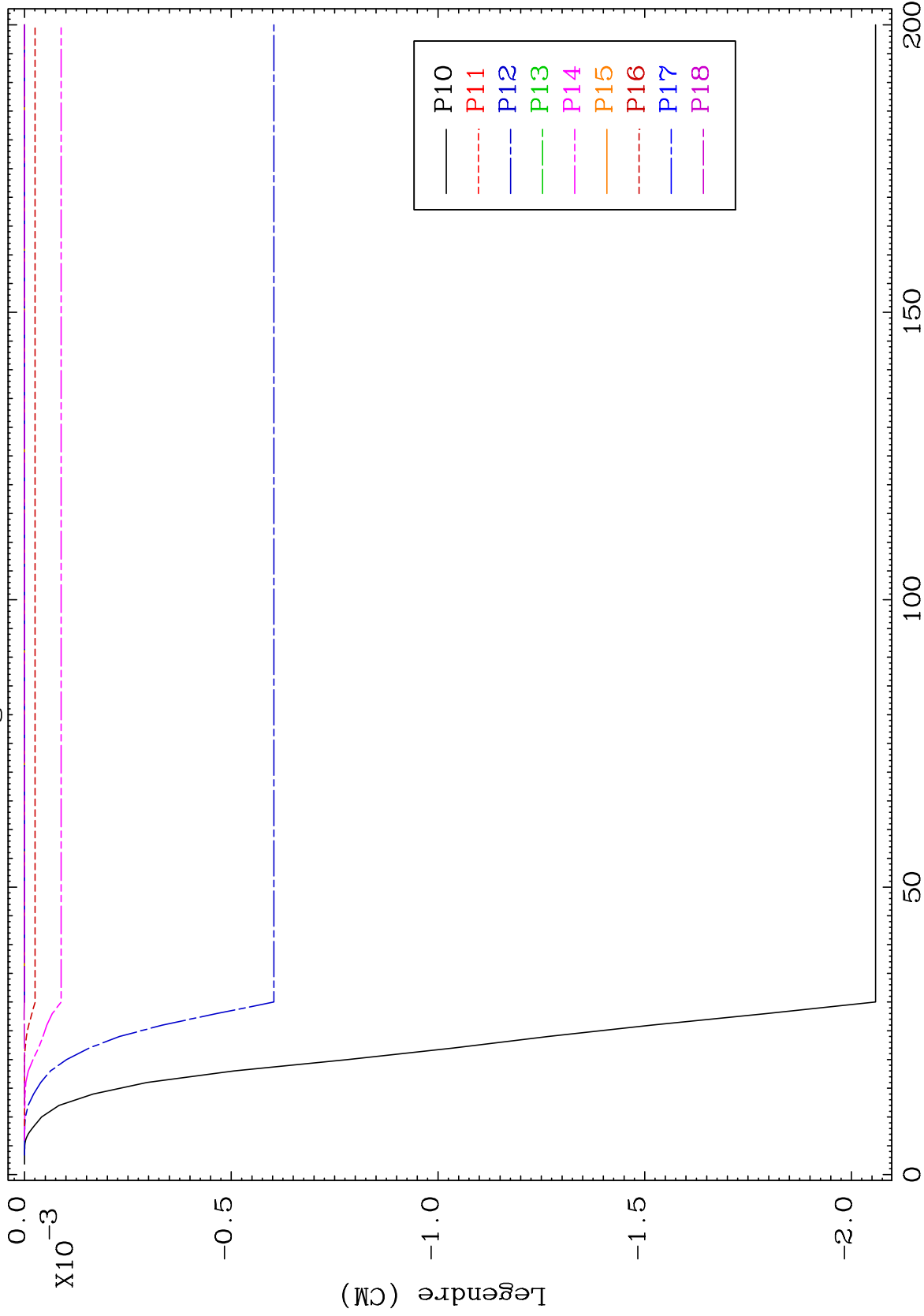


23 57-La-130

MAT 5701

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

57-La-130

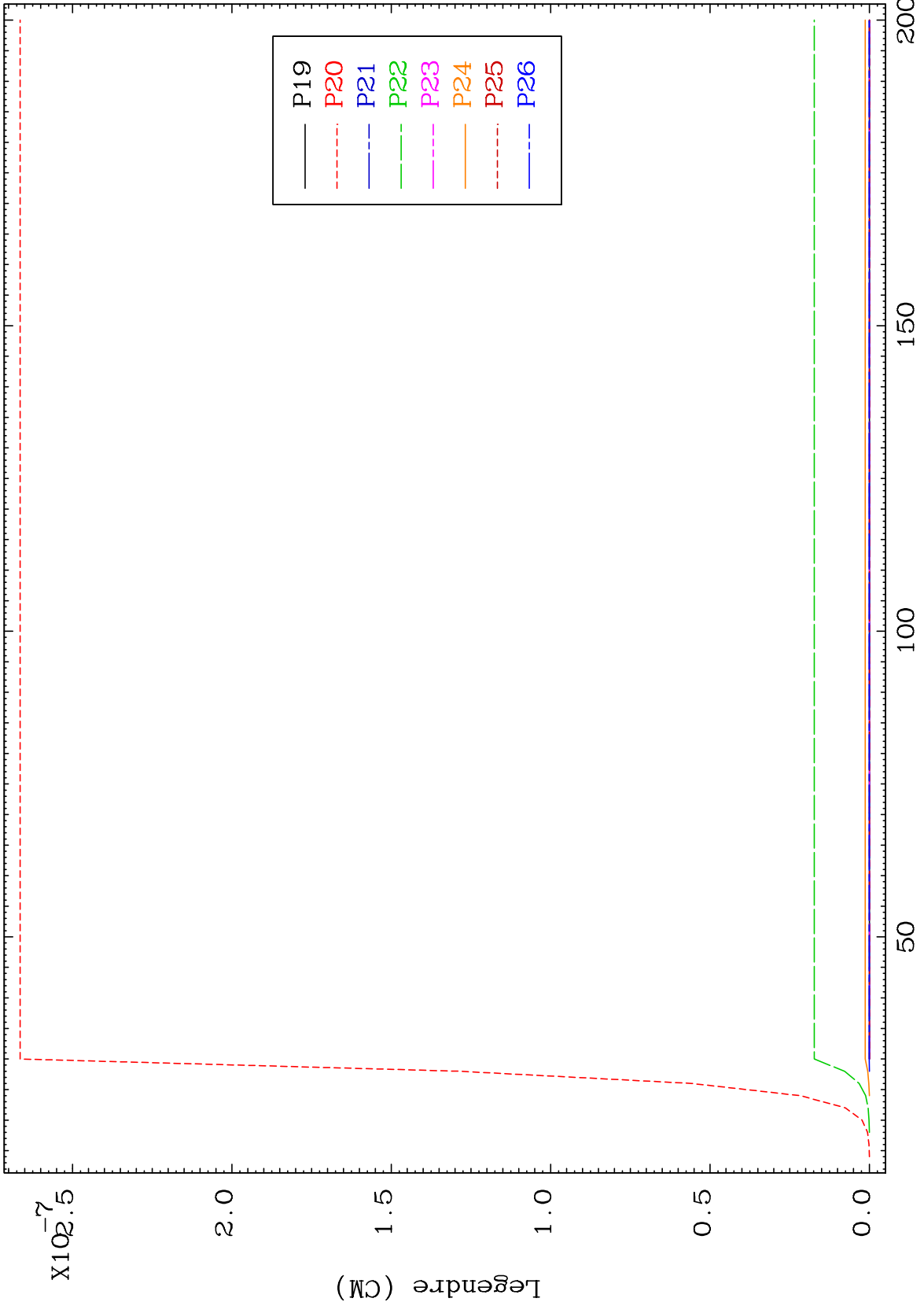


24

Incident Energy (MeV)

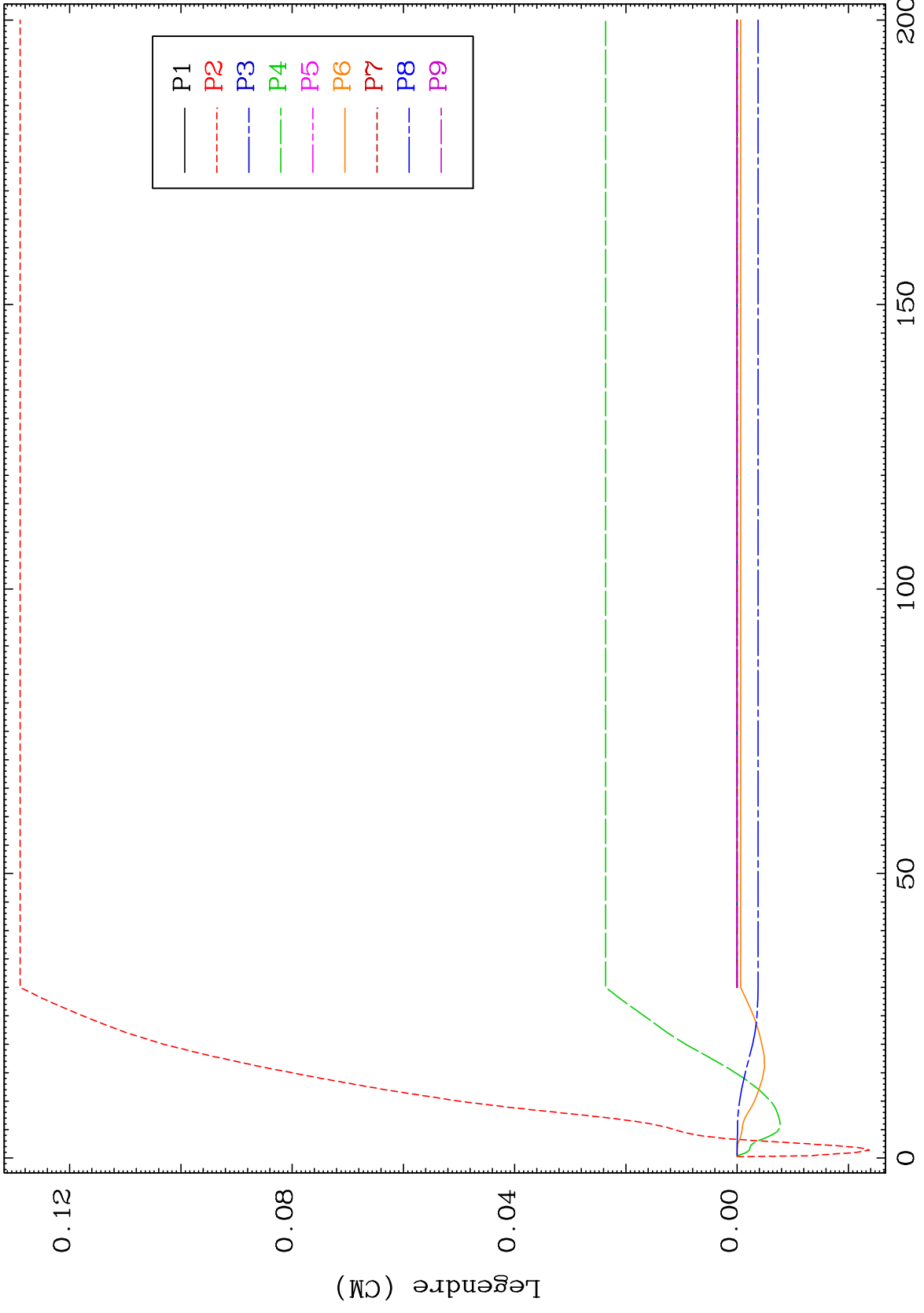
57-La-130

MAT 5701 MT= 52 (n,n') Level Legendre Coefficients 57-La-130



57-La-130

MAT 5701 MT= 53 (n,n') Level Legendre Coefficients 57-La-130

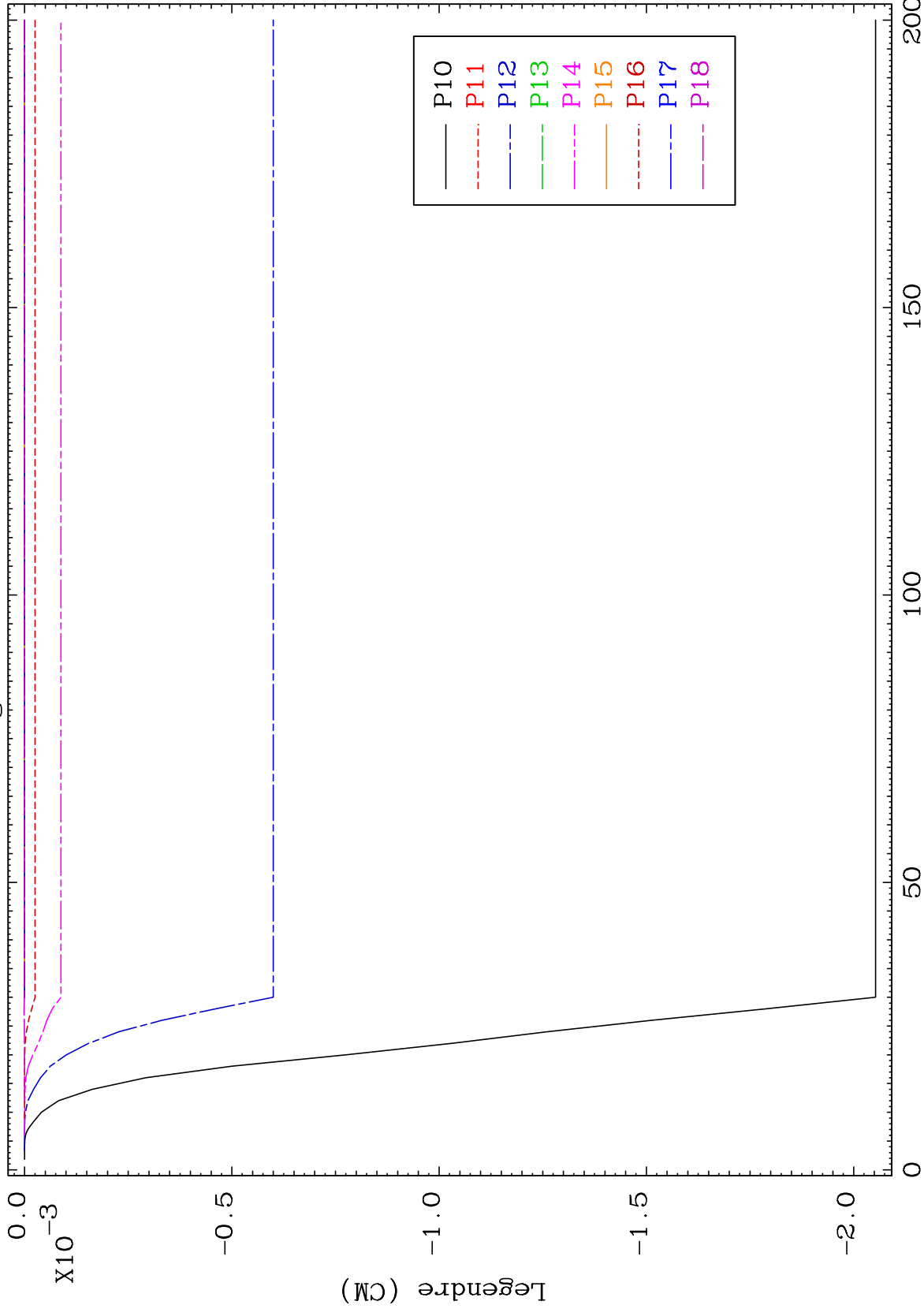


26 57-La-130

MAT 5701

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

57-La-130

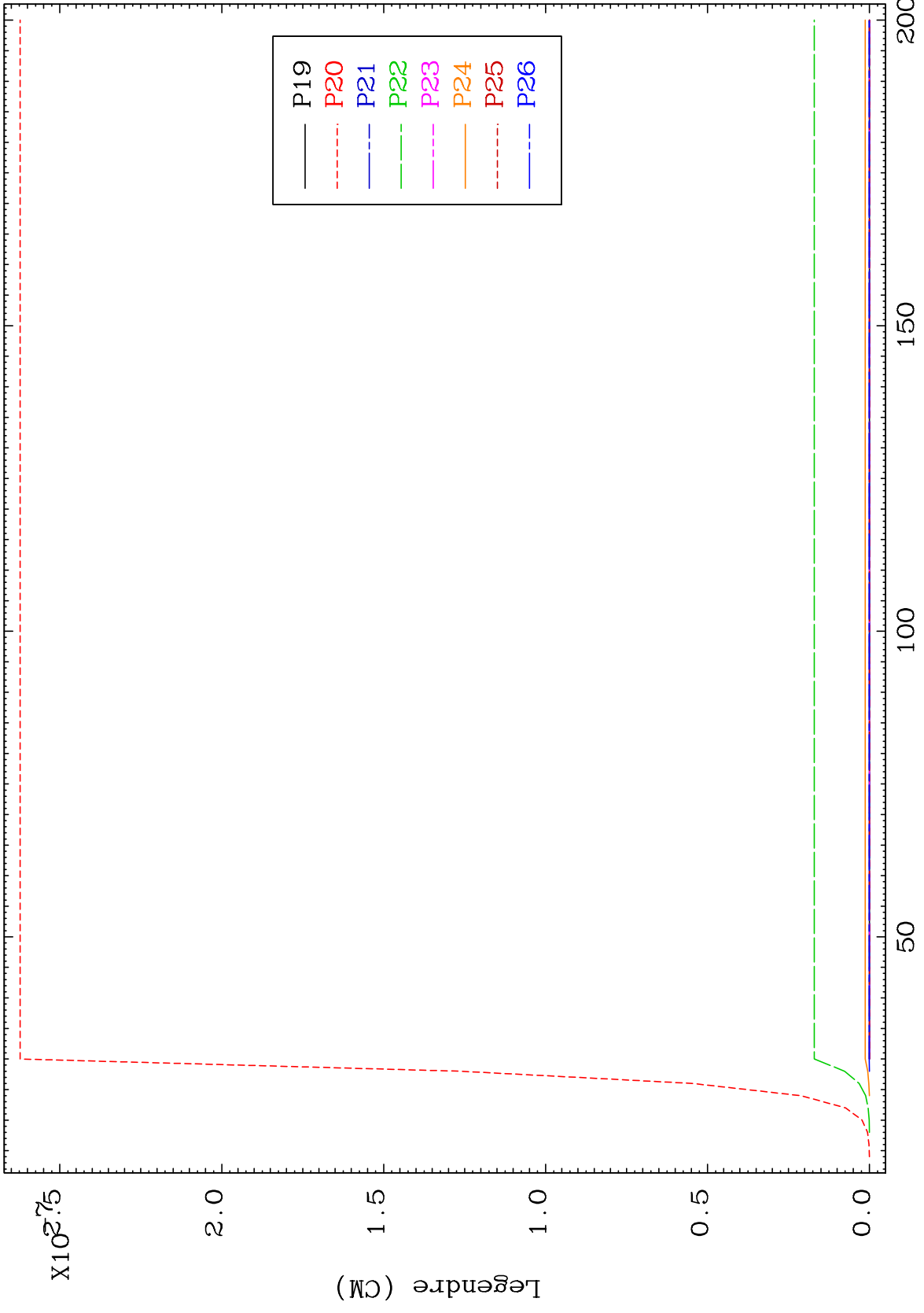


57-La-130

Incident Energy (MeV)

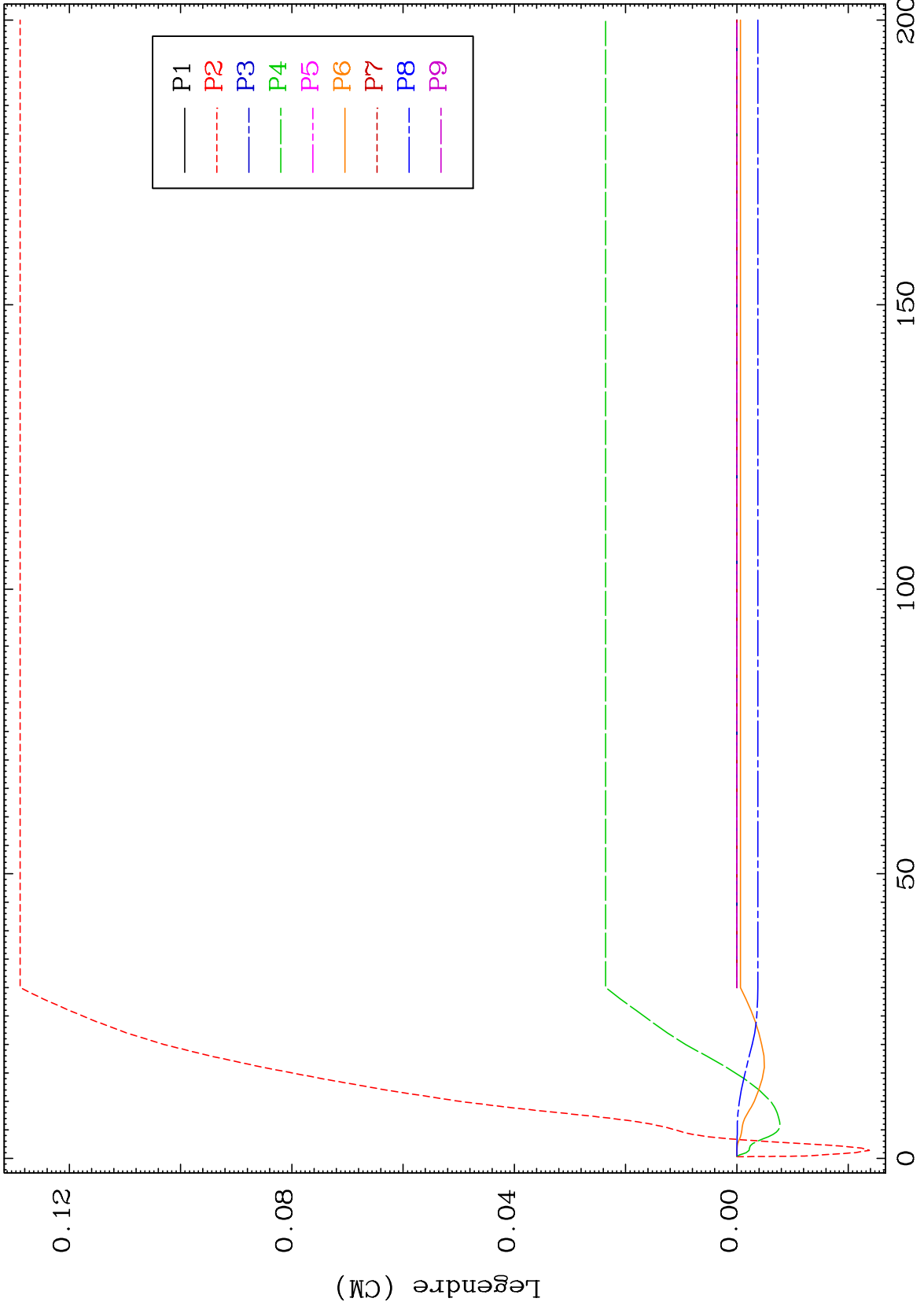
27

MAT 5701 MT= 53 (n,n') Level Legendre Coefficients 57-La-130



28 57-La-130

MAT 5701 MT= 54 (n,n') Level Legendre Coefficients 57-La-130

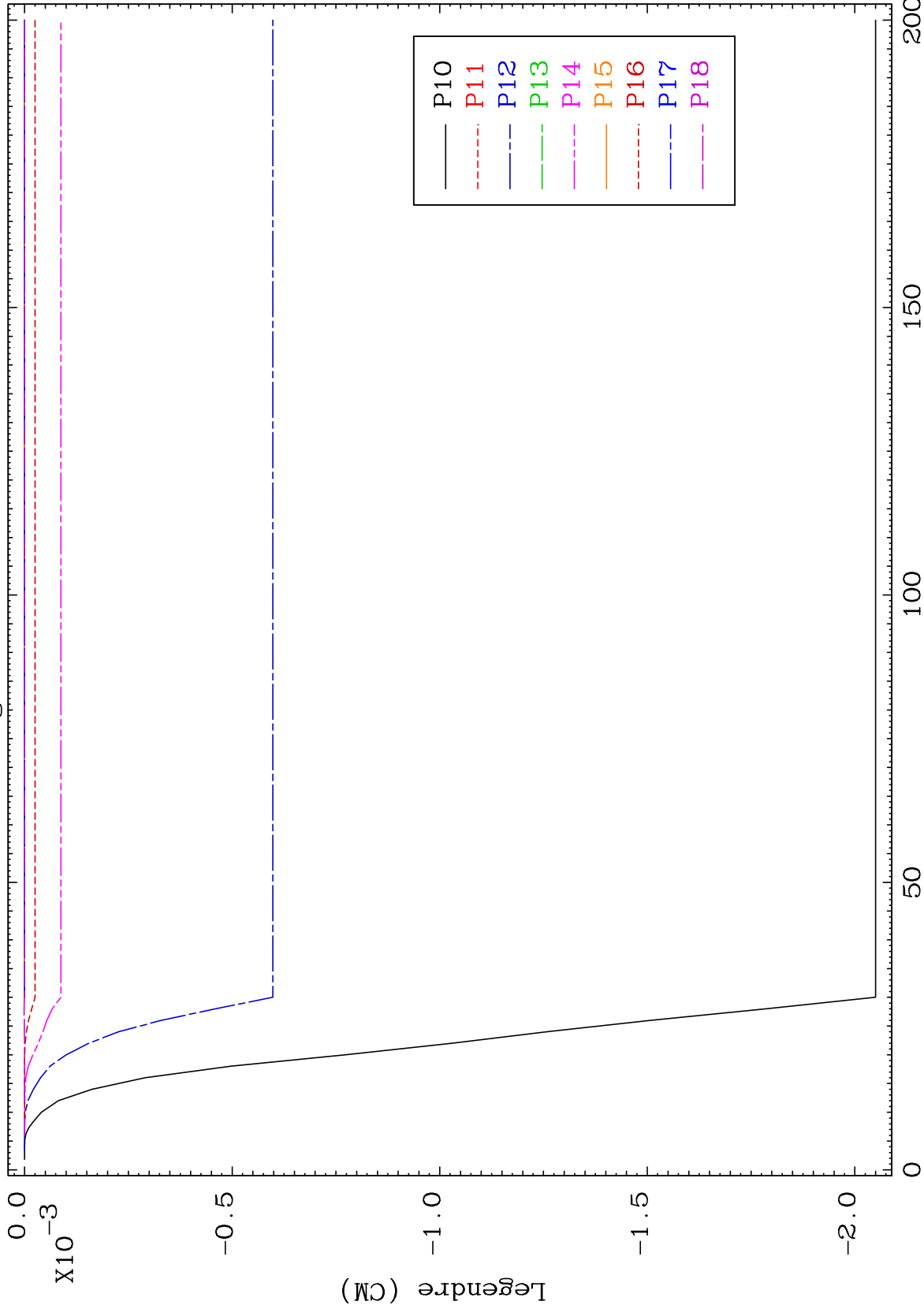


29 57-La-130

MAT 5701

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

57-La-130

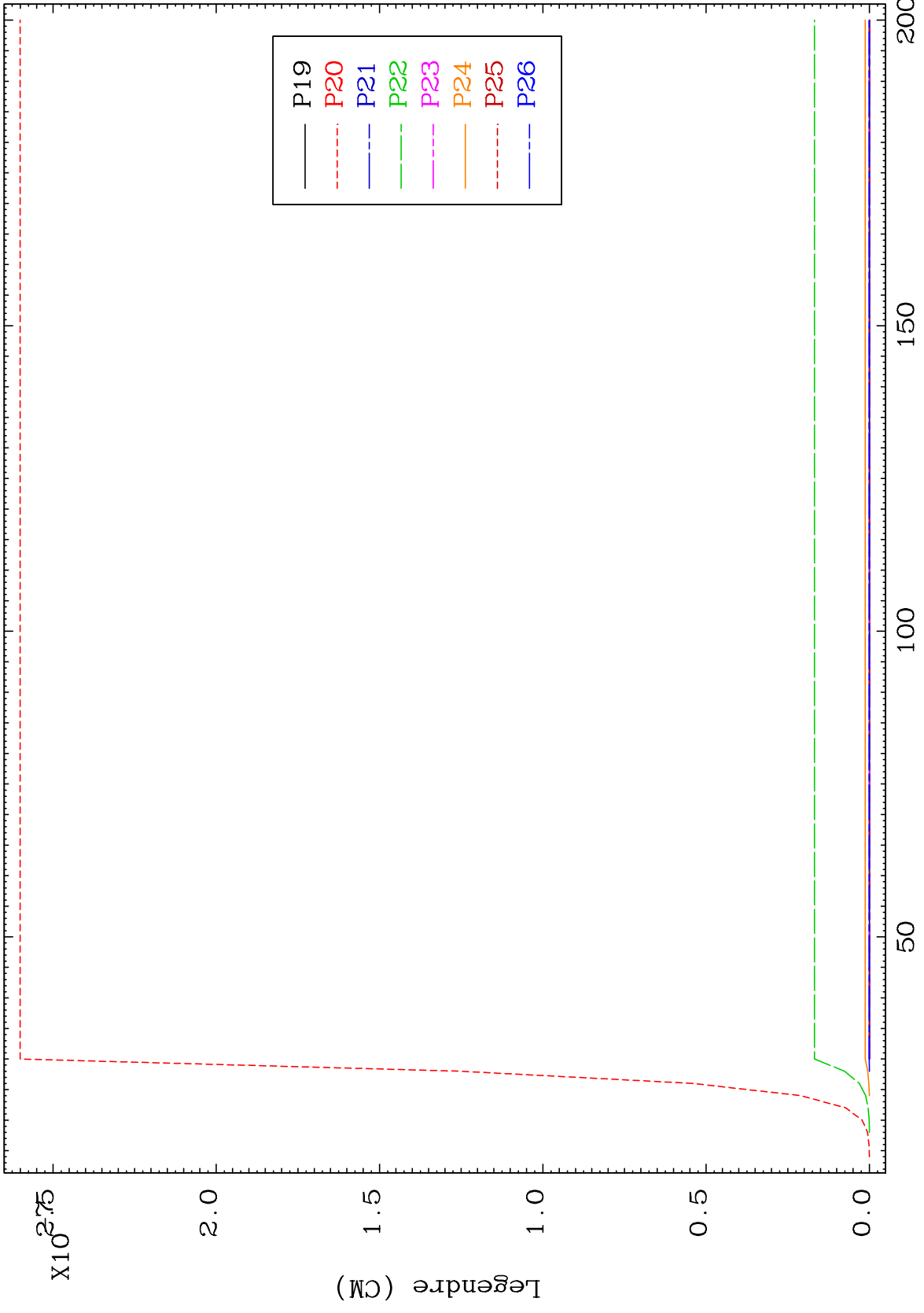


57-La-130

Incident Energy (MeV)

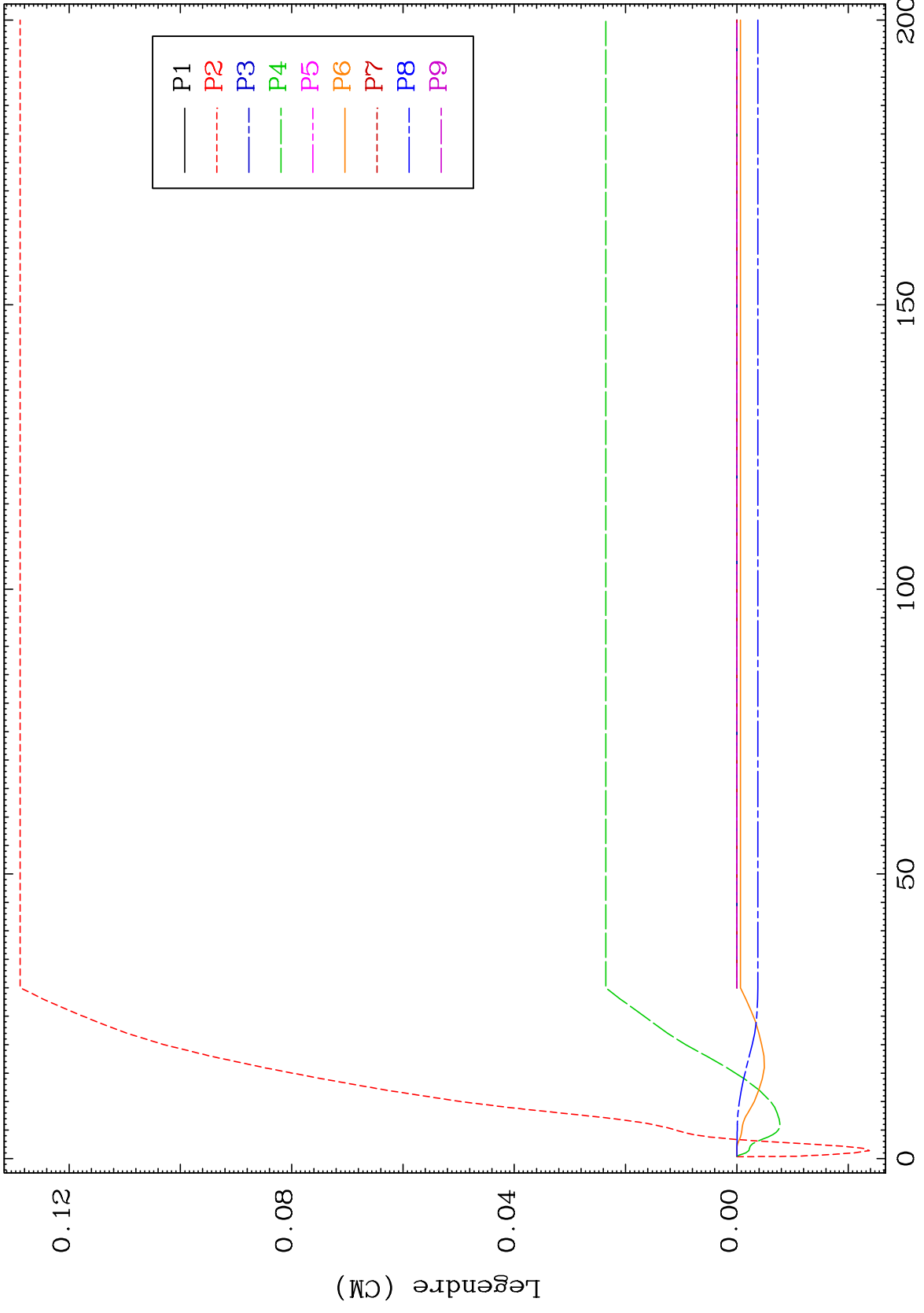
30

MAT 5701 MT= 54 (n,n') Level Legendre Coefficients 57-La-130



31 57-La-130

MAT 5701 MT= 55 (n,n') Level Legendre Coefficients 57-La-130

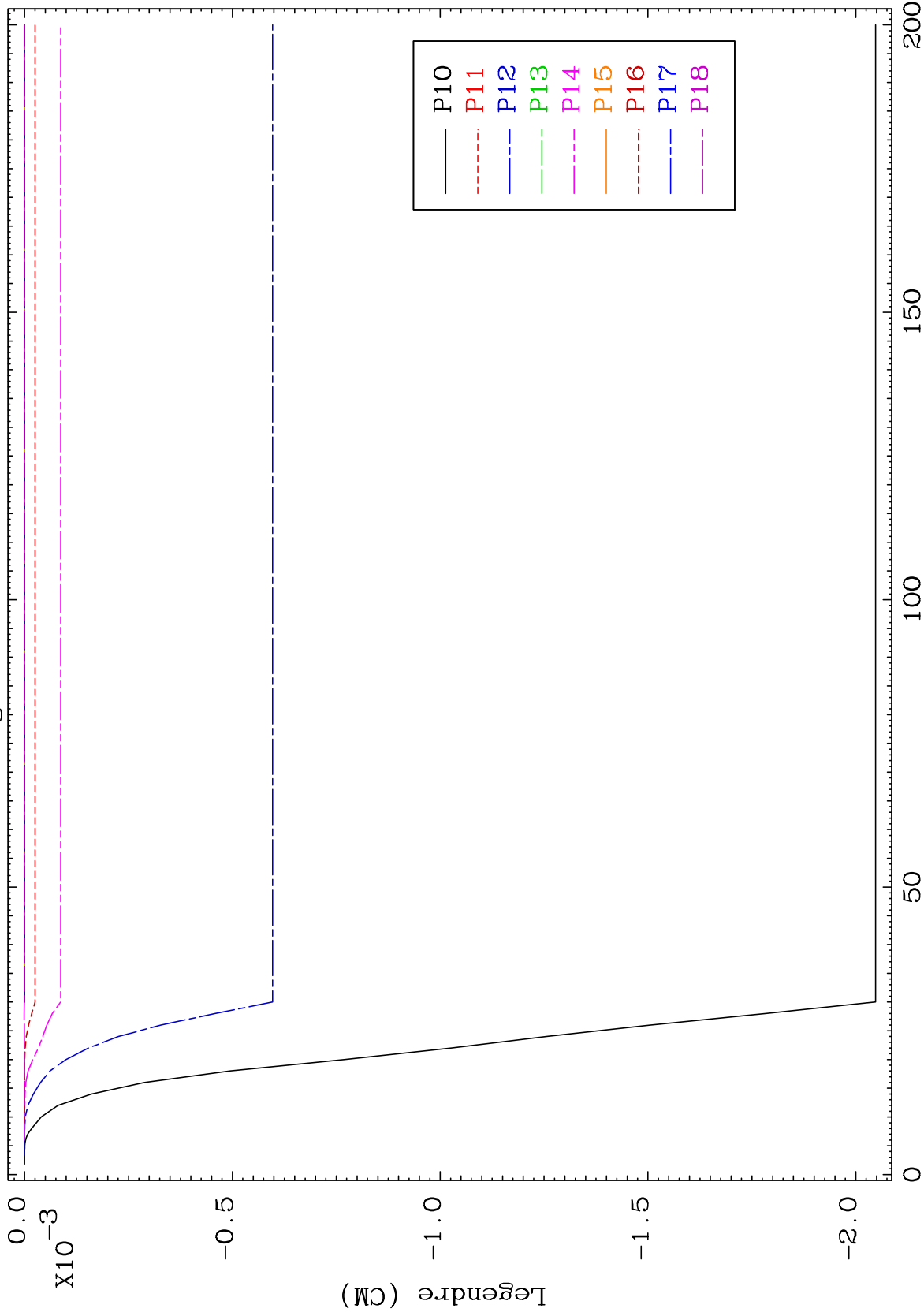


32 57-La-130

MAT 5701

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

57-La-130

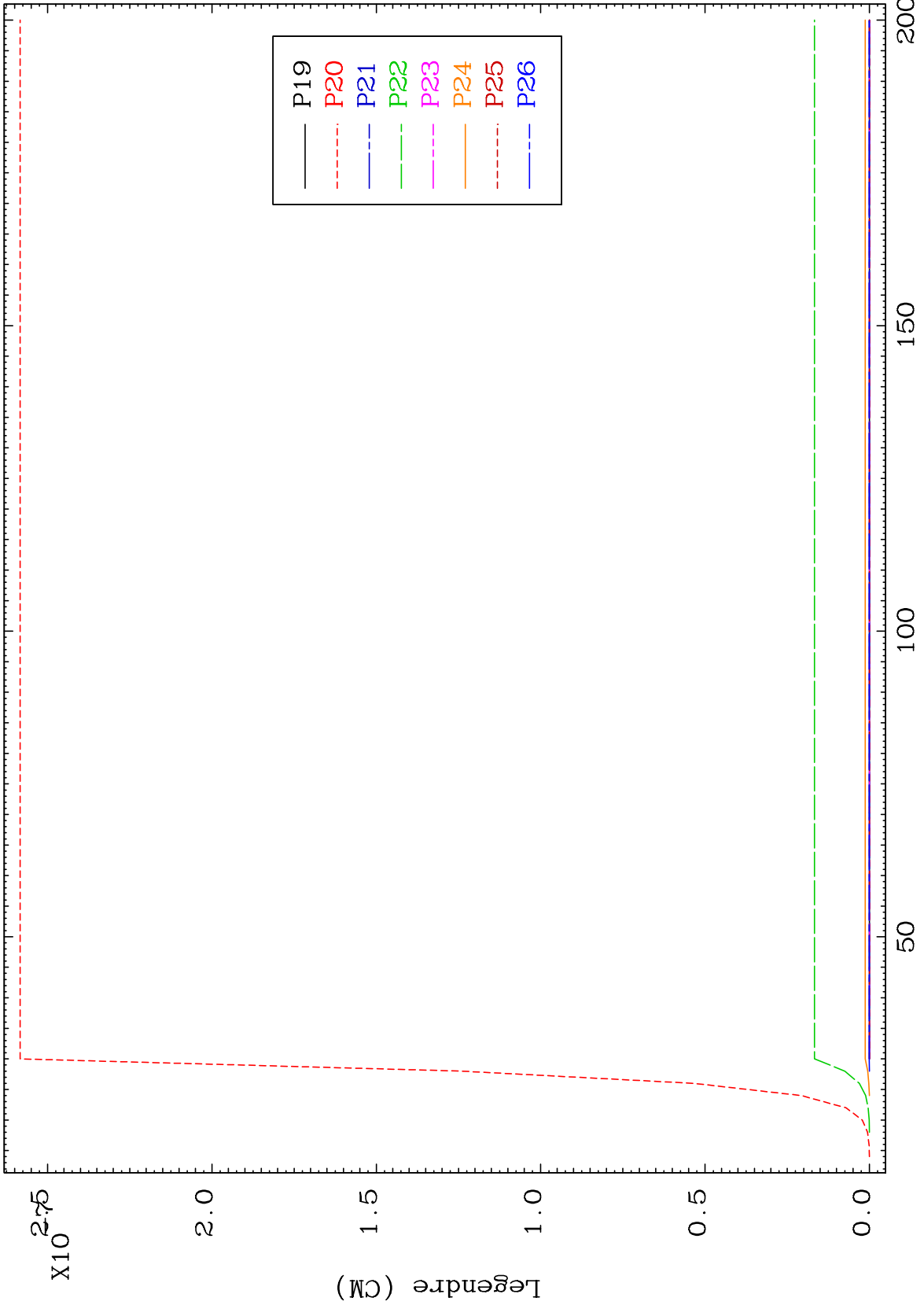


33

Incident Energy (MeV)

57-La-130

MAT 5701 MT= 55 (n,n') Level Legendre Coefficients 57-La-130



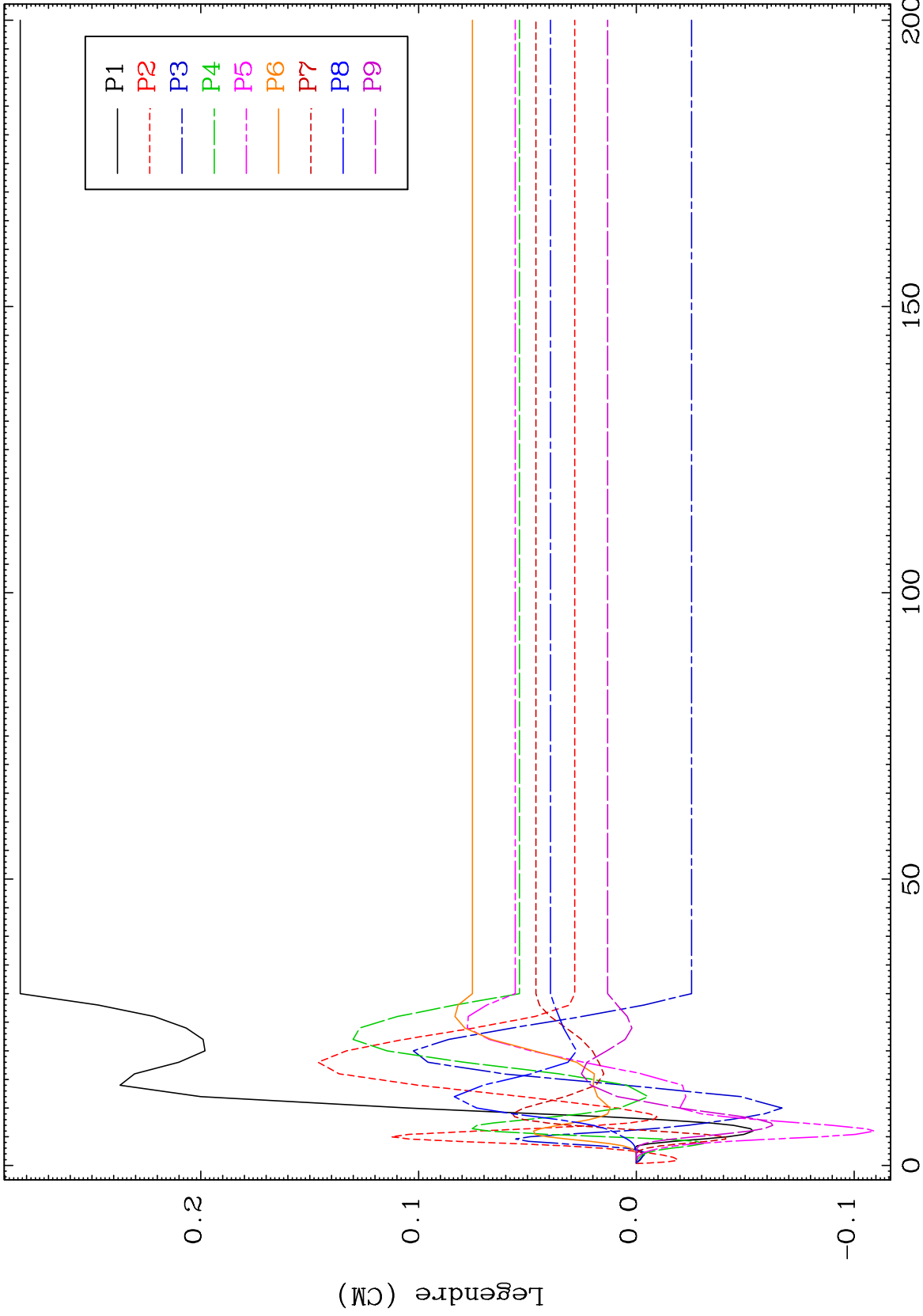
57-La-130

Incident Energy (MeV)

MAT 5701

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

57-La-130



57-La-130

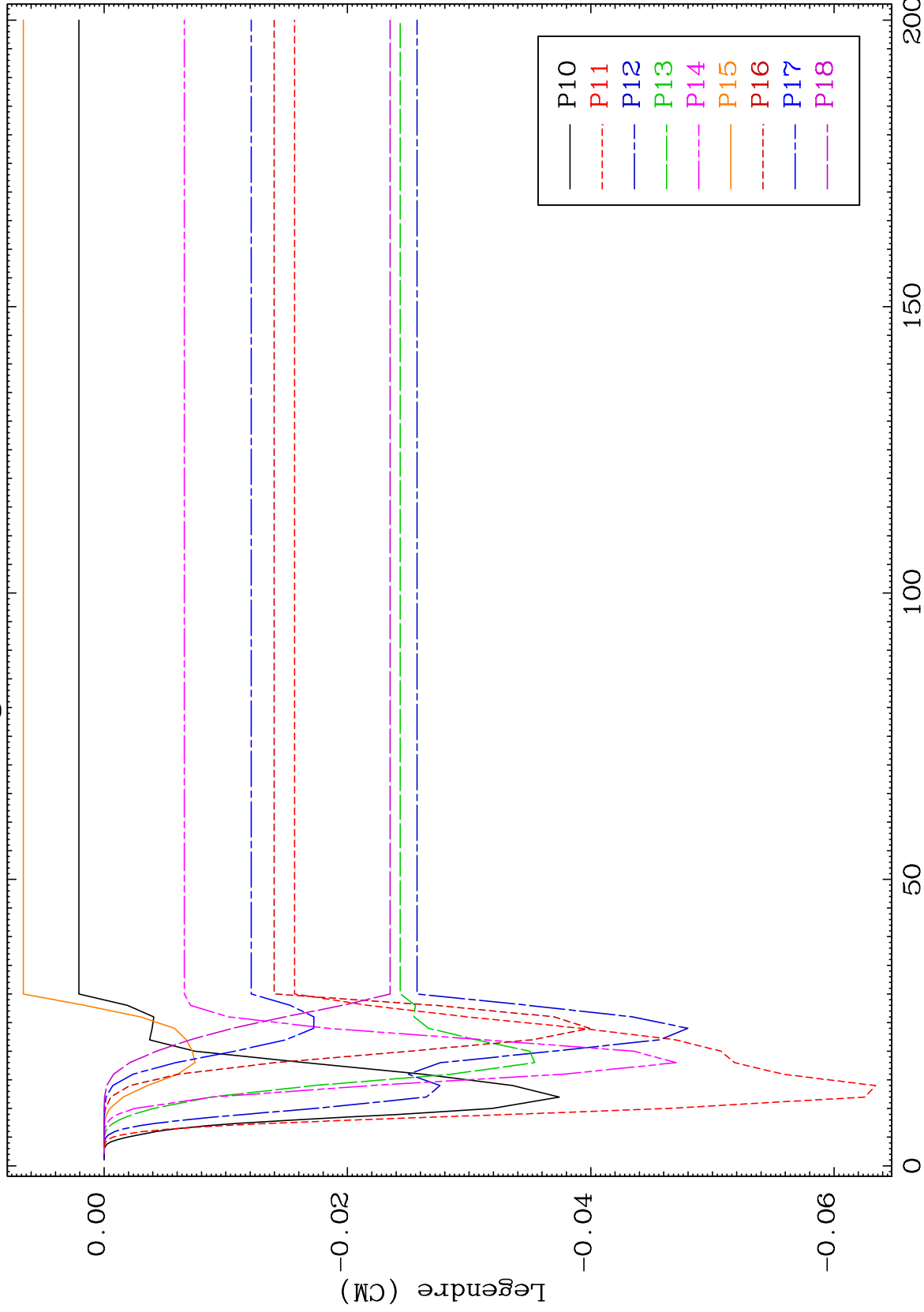
Incident Energy (MeV)

35

MAT 5701

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

57-La-130

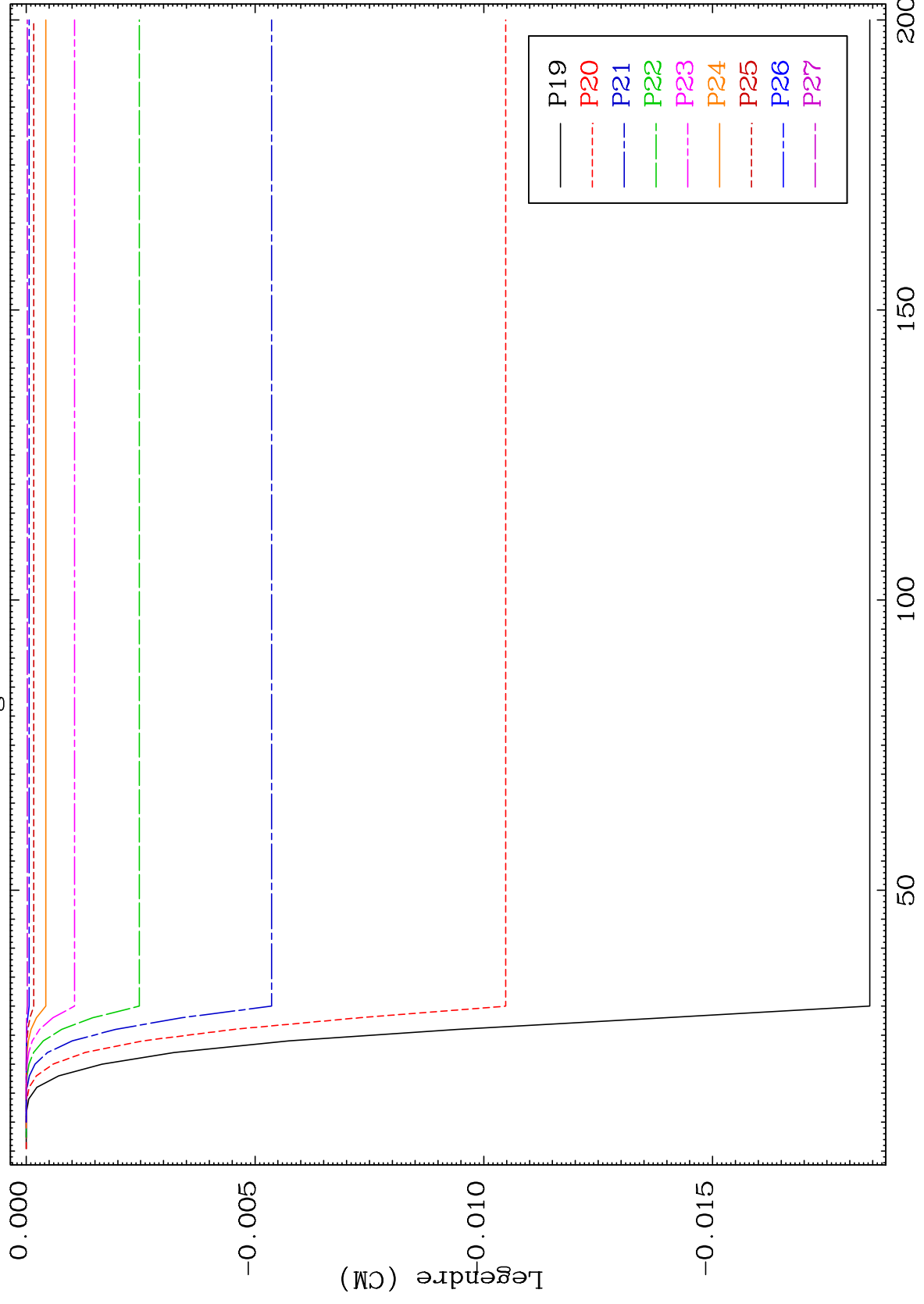


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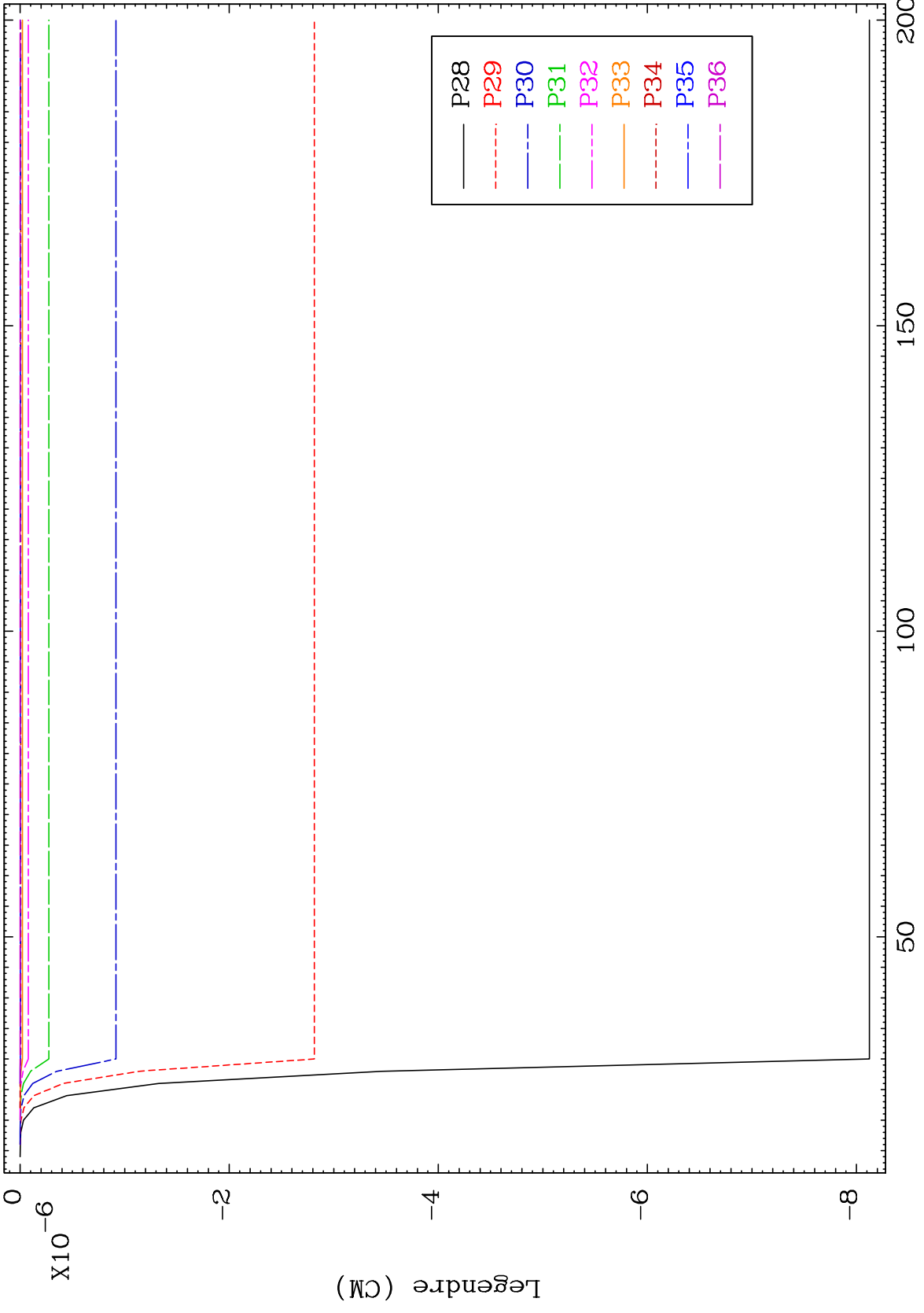
Incident Energy (MeV)

57-La-130

MAT 5701 MT= 56 (n,n') Level Legendre Coefficients 57-La-130

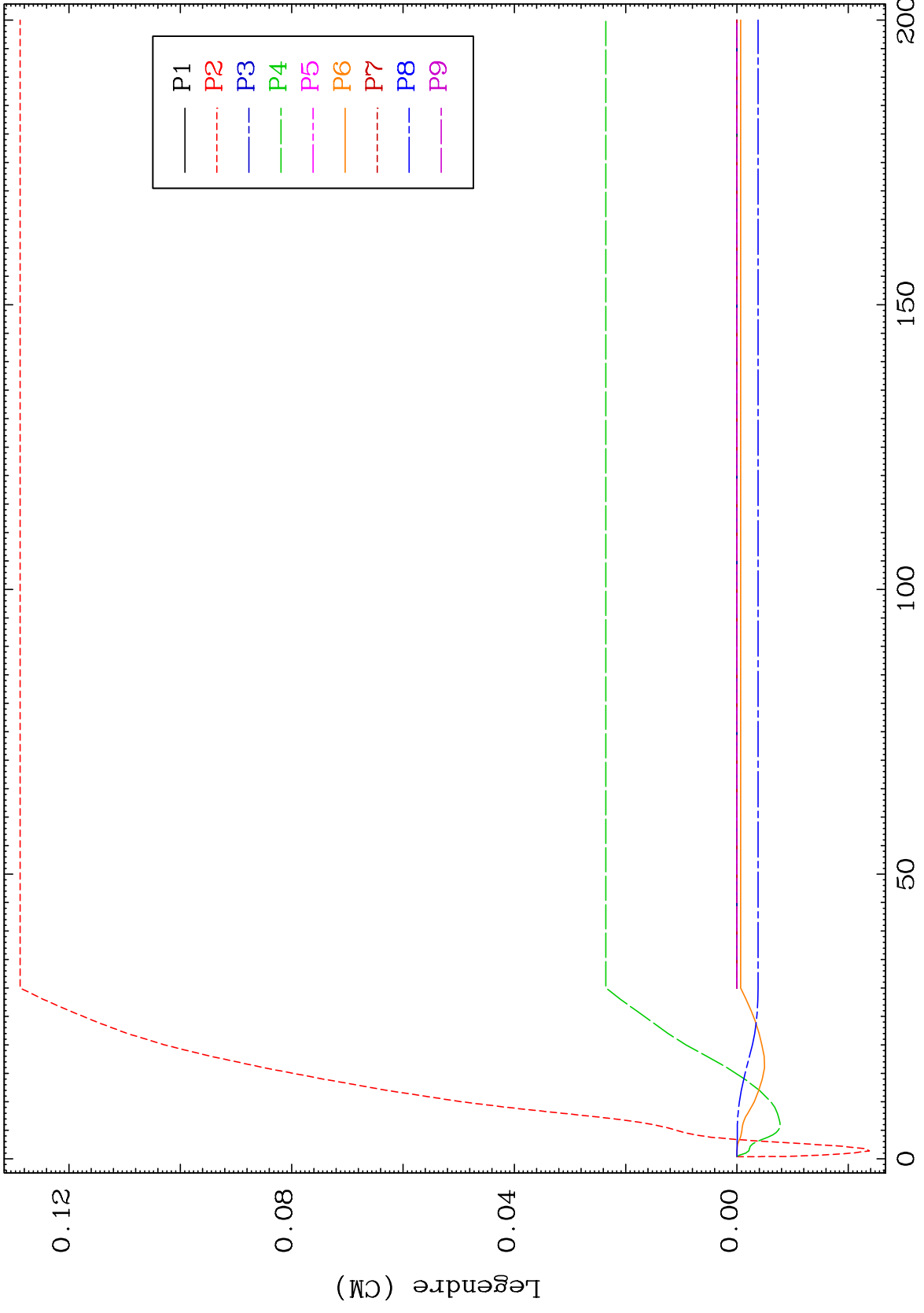


MAT 5701 MT= 56 (n,n') Level Legendre Coefficients 57-La-130



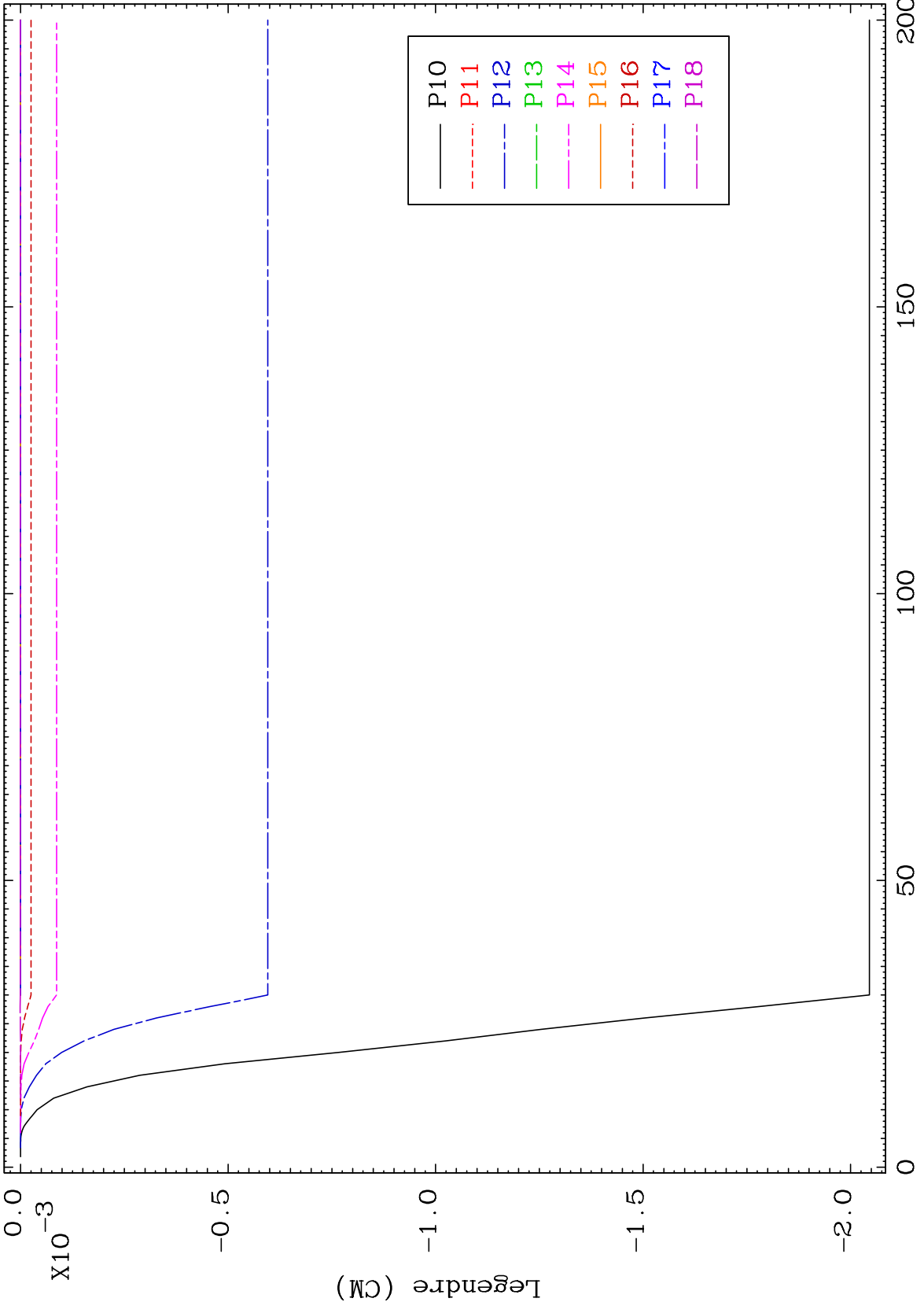
38 57-La-130

MAT 5701 MT= 57 (n,n') Level Legendre Coefficients 57-La-130



39 57-La-130

MAT 5701 MT= 57 (n,n') Level Legendre Coefficients 57-La-130

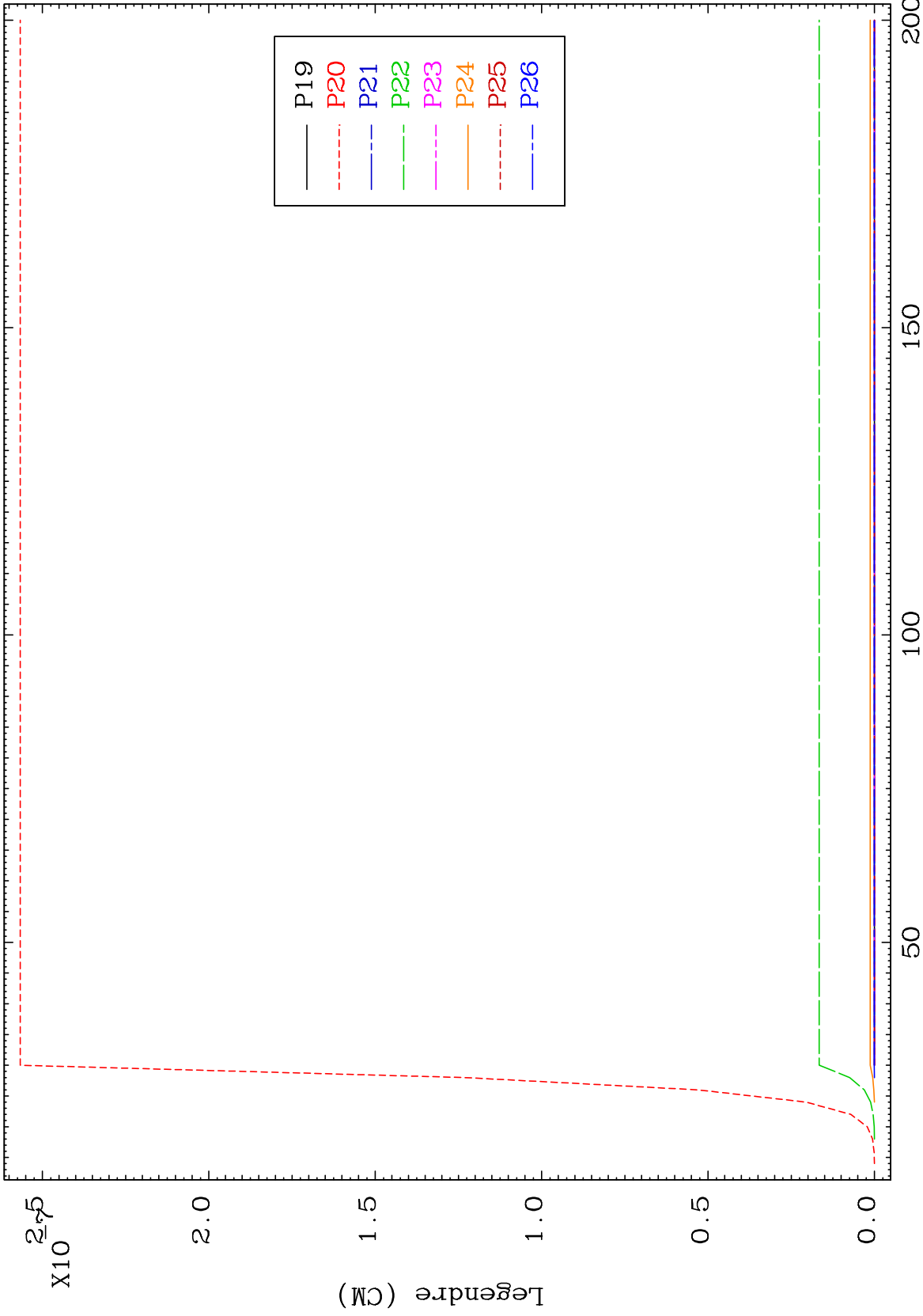


57-La-130

MAT 5701

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

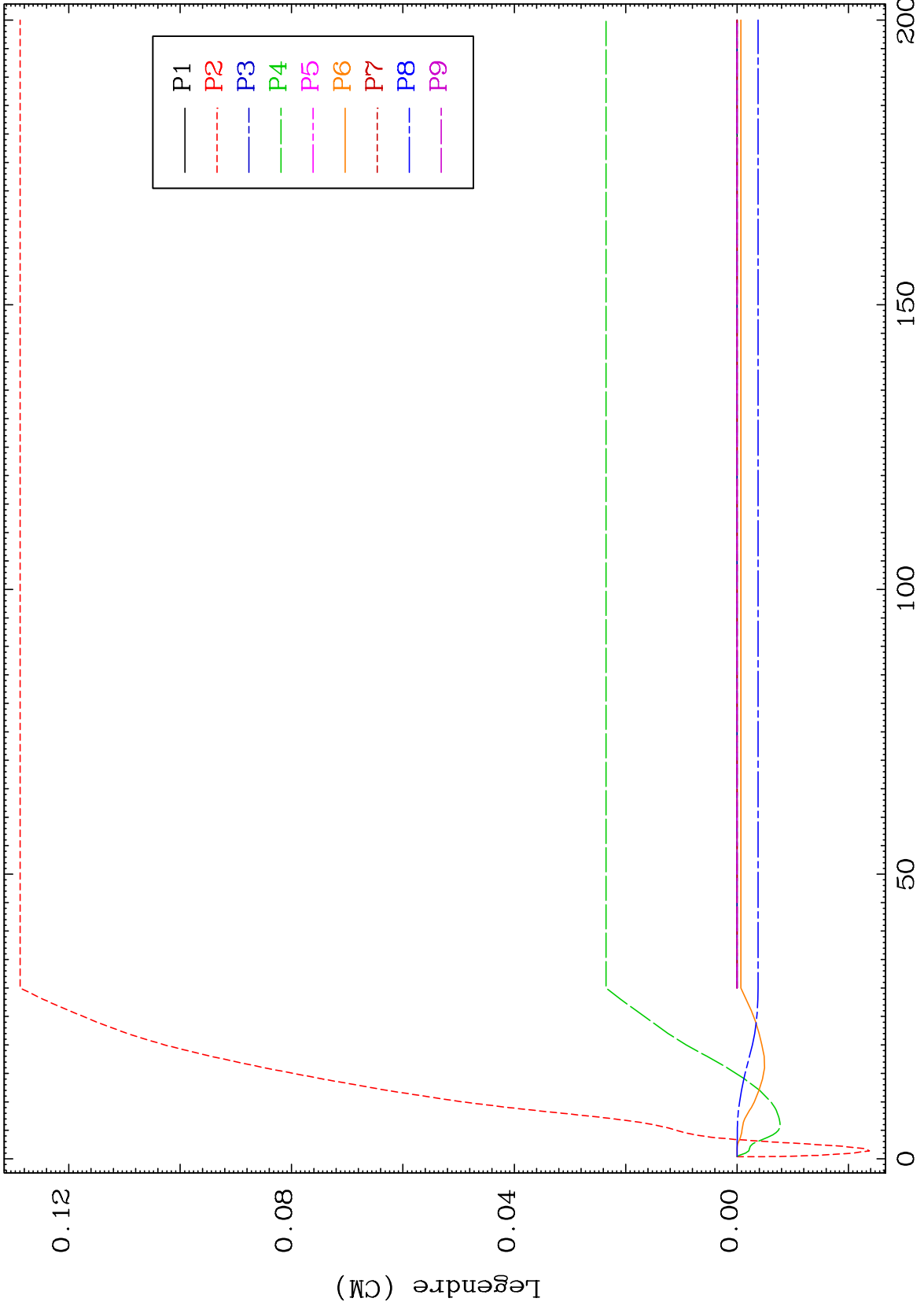
57-La-130



41

57-La-130

MAT 5701 MT= 58 (n,n') Level Legendre Coefficients 57-La-130

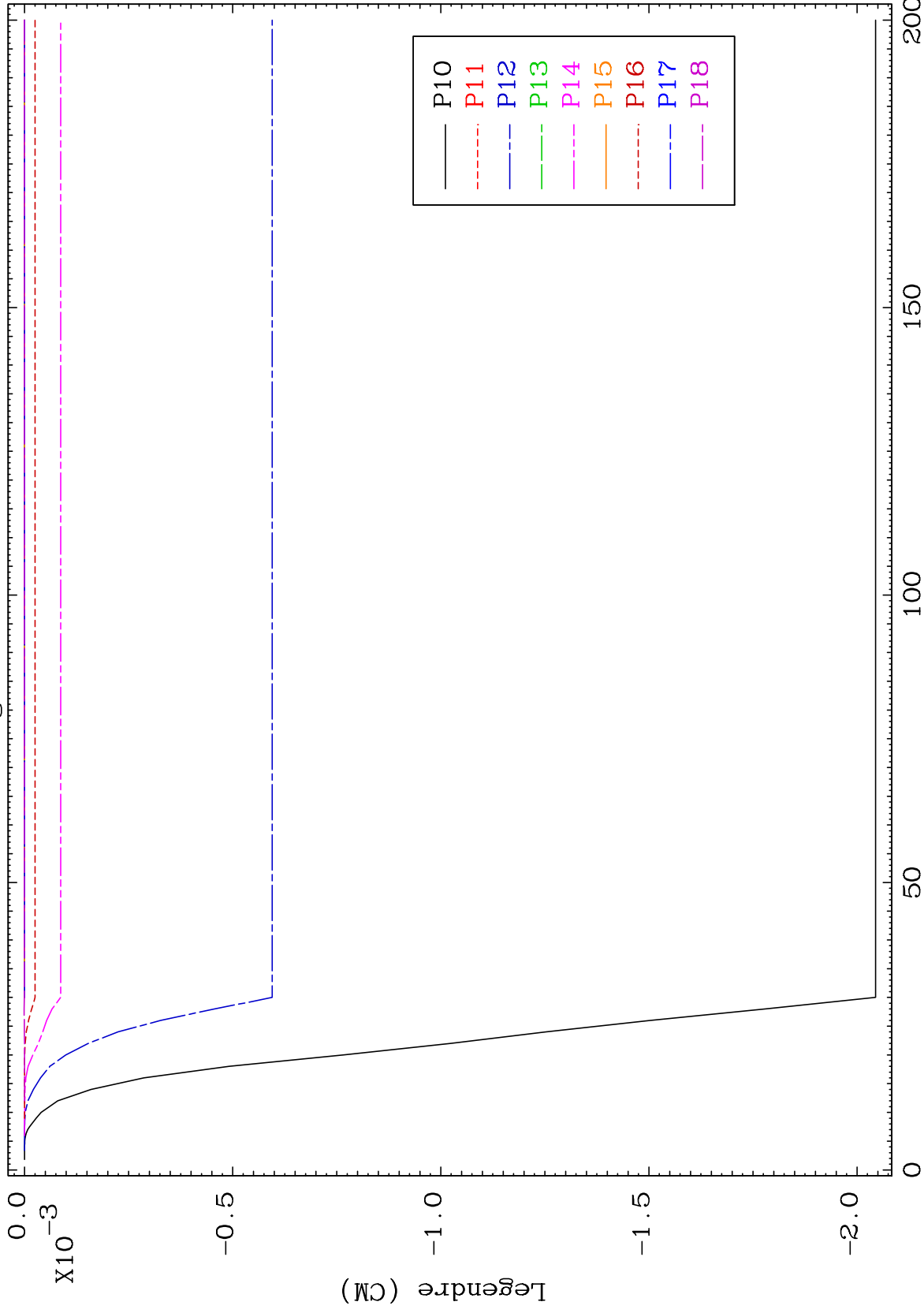


42 57-La-130

MAT 5701

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

57-La-130

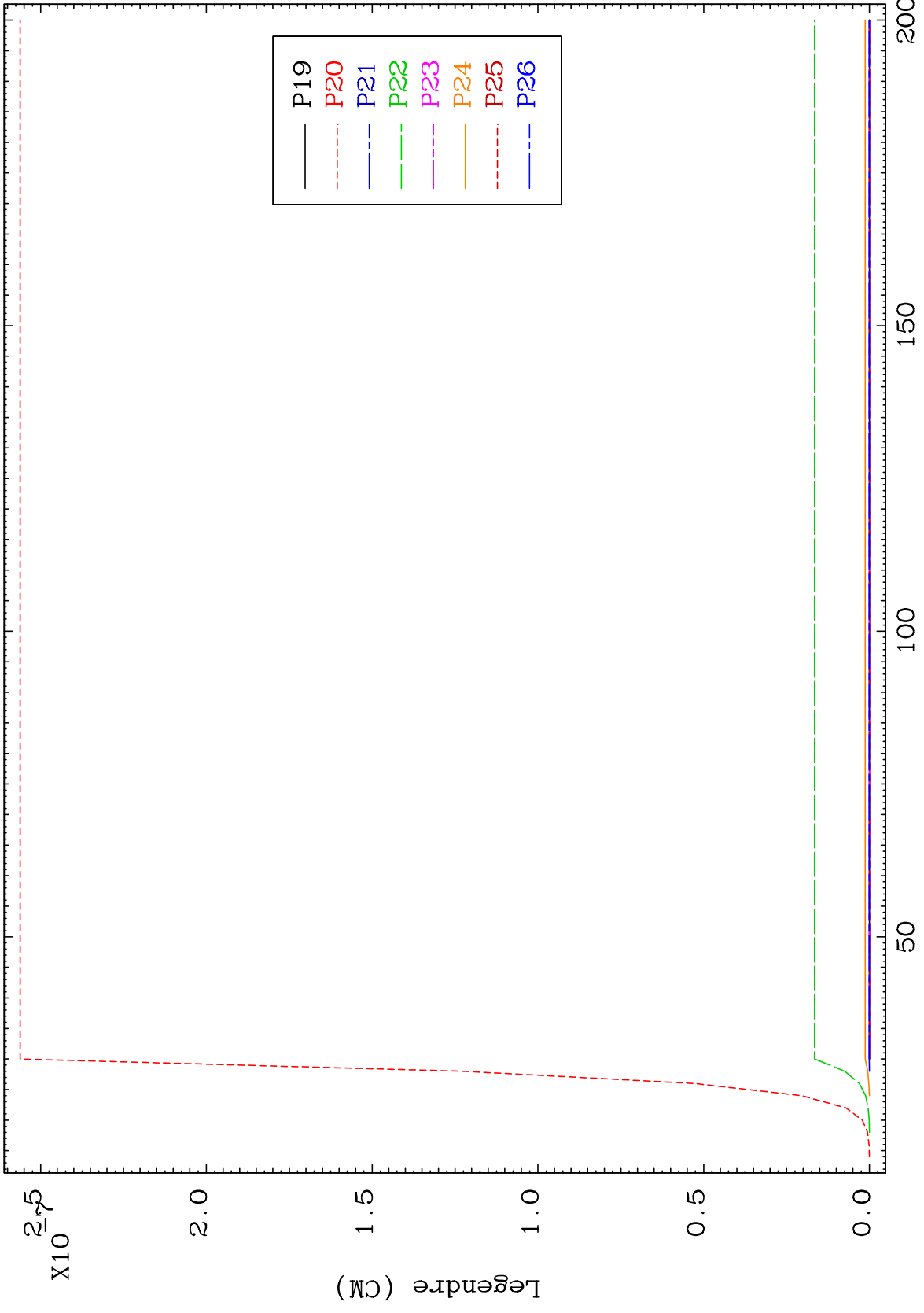


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57-La-130

MAT 5701 MT= 58 (n,n') Level Legendre Coefficients

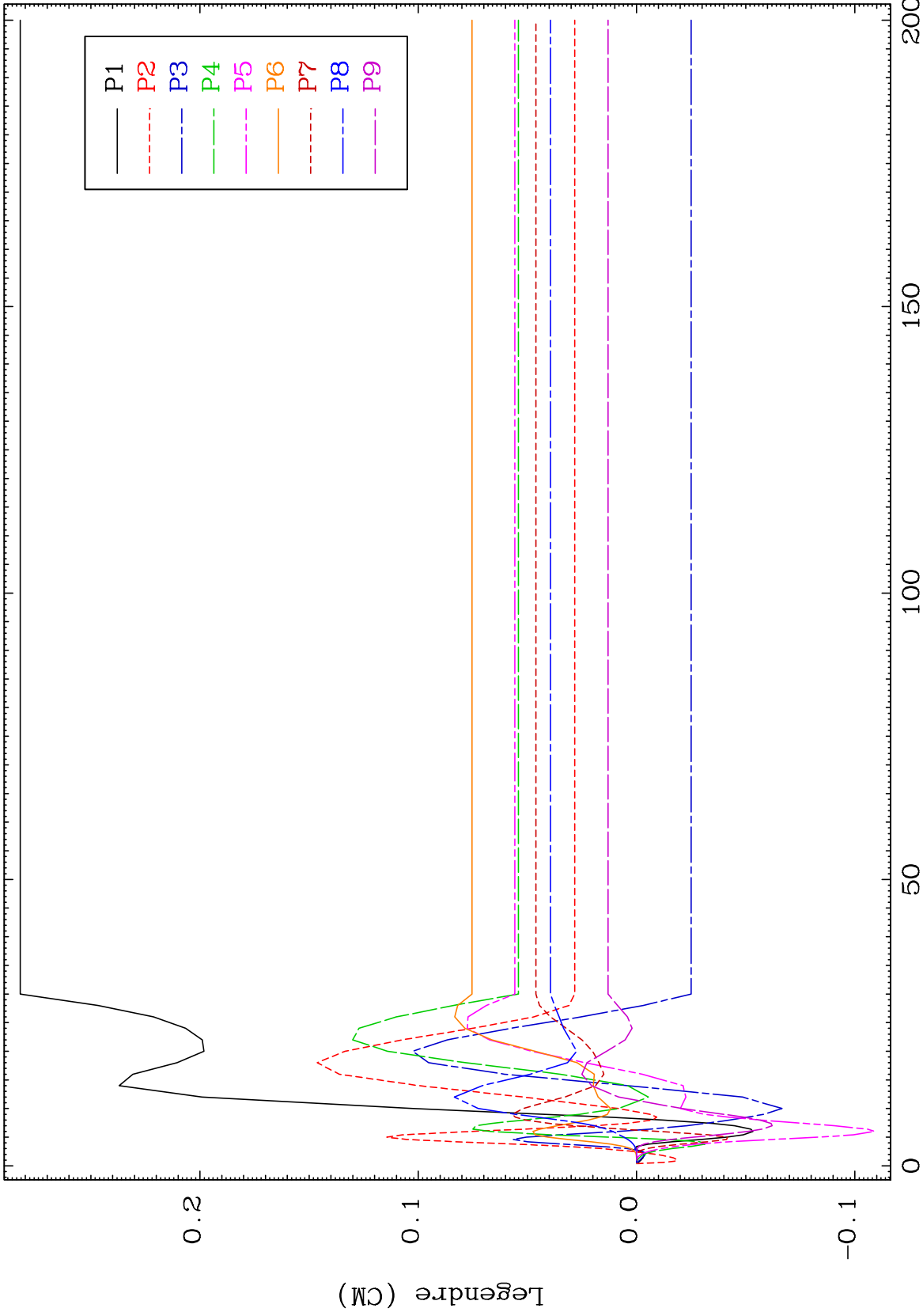
57-La-130



MAT 5701

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

57-La-130

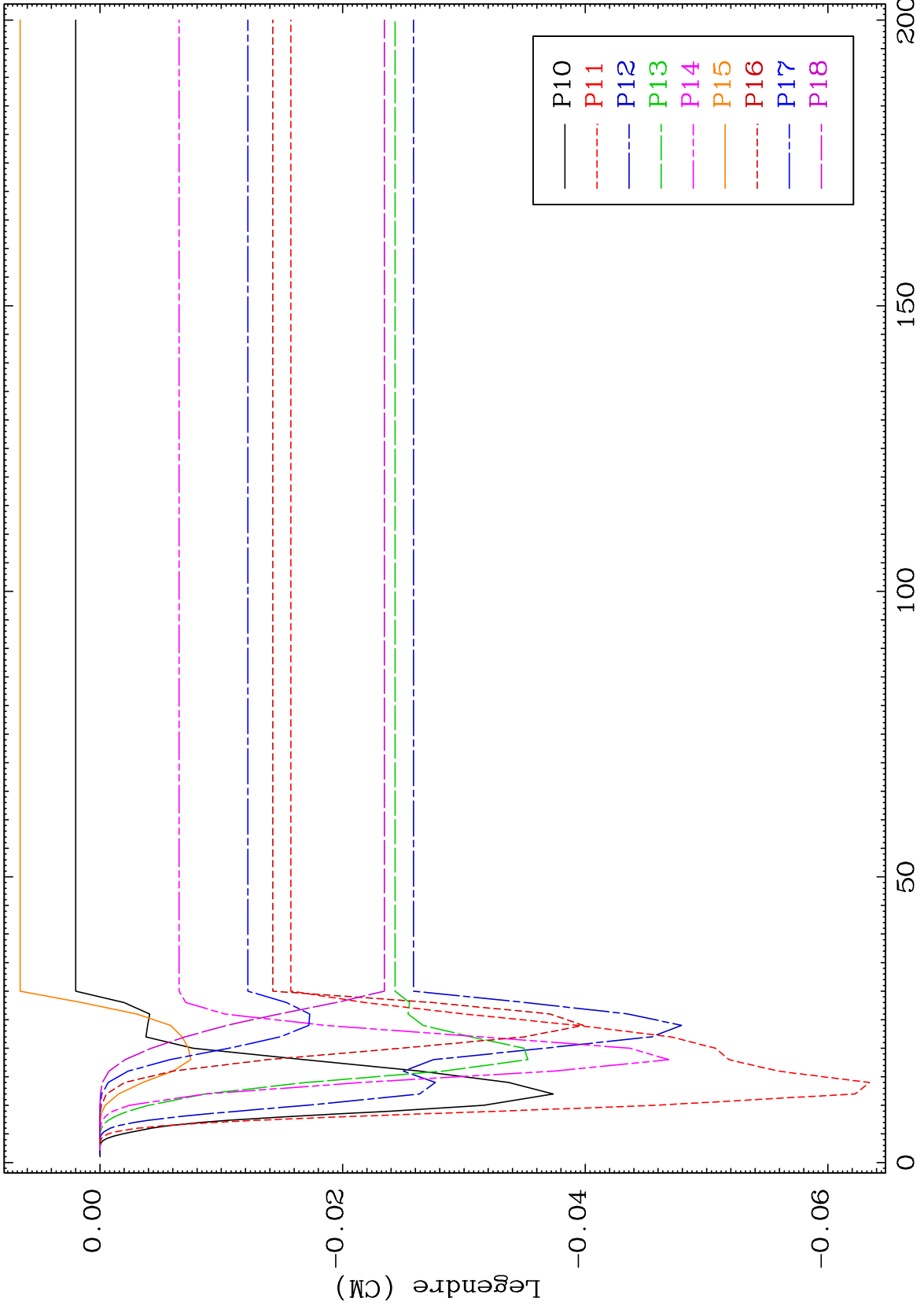


57-La-130

Incident Energy (MeV)

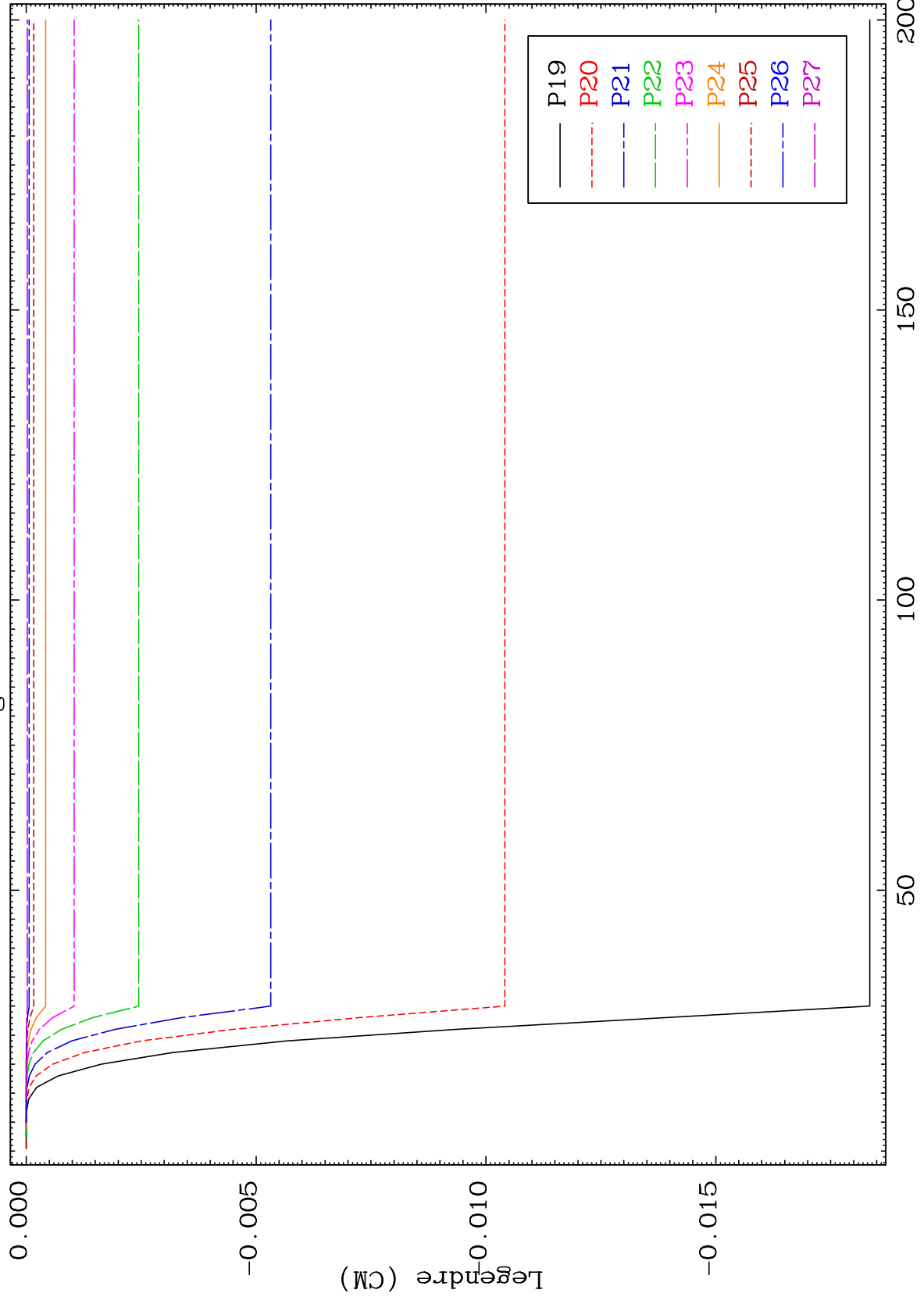
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MAT 5701 MT= 59 (n,n') Level Legendre Coefficients 57-La-130

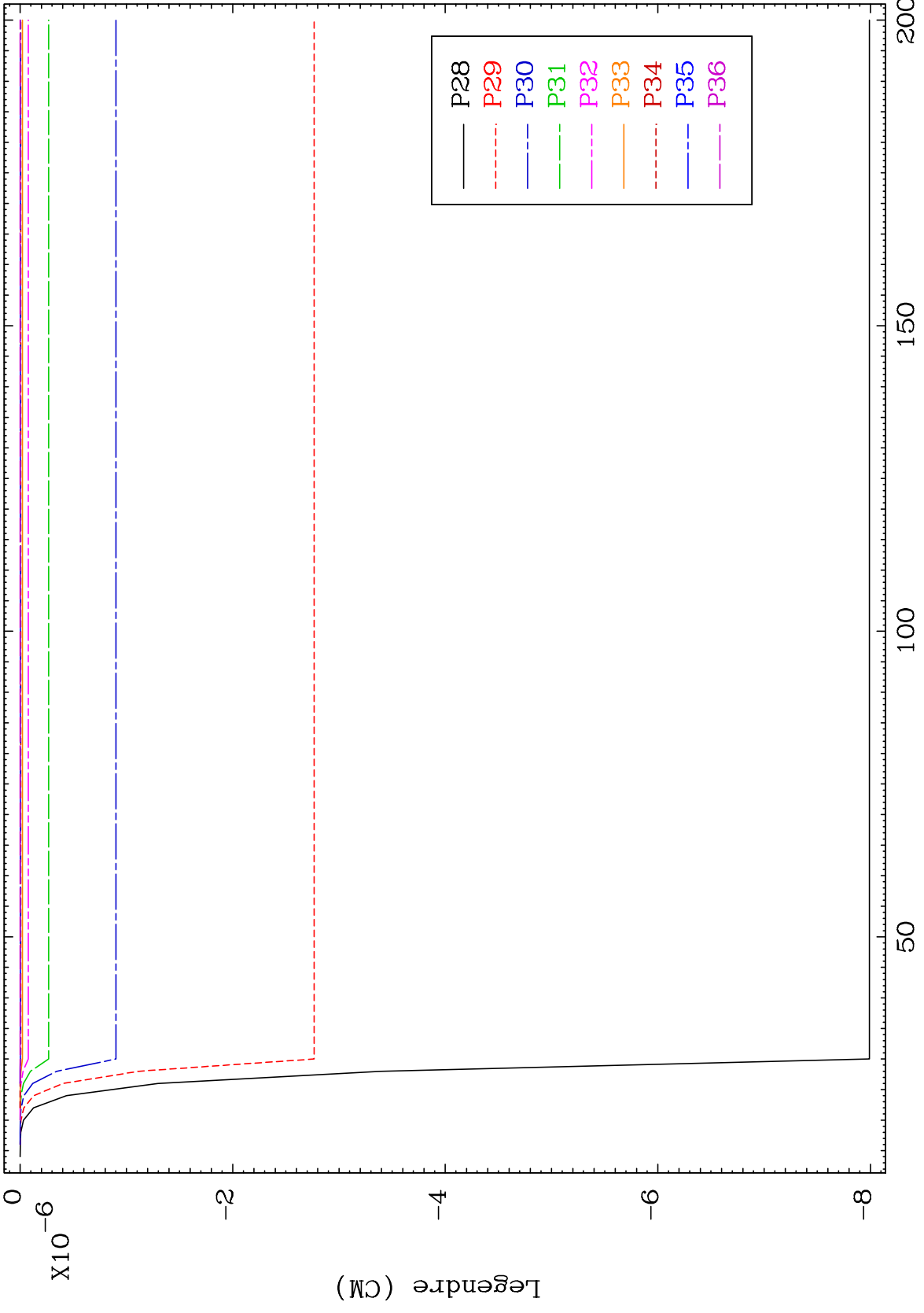


46 57-La-130

MAT 5701 MT= 59 (n,n') Level Legendre Coefficients 57-La-130

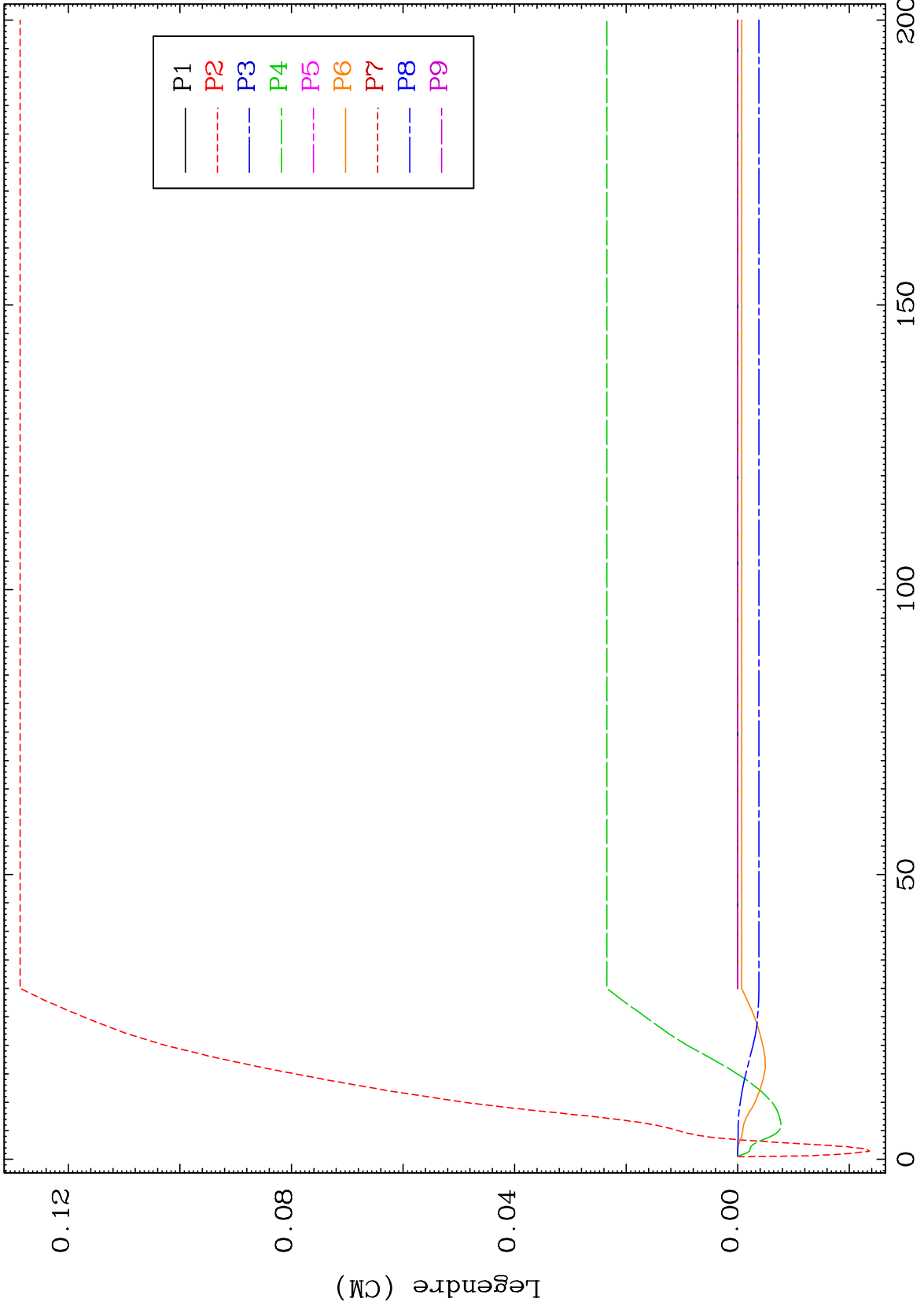


MAT 5701 MT= 59 (n,n') Level Legendre Coefficients 57-La-130



48 Incident Energy (MeV) 57-La-130

MAT 5701 MT= 60 (n,n') Level Legendre Coefficients 57-La-130

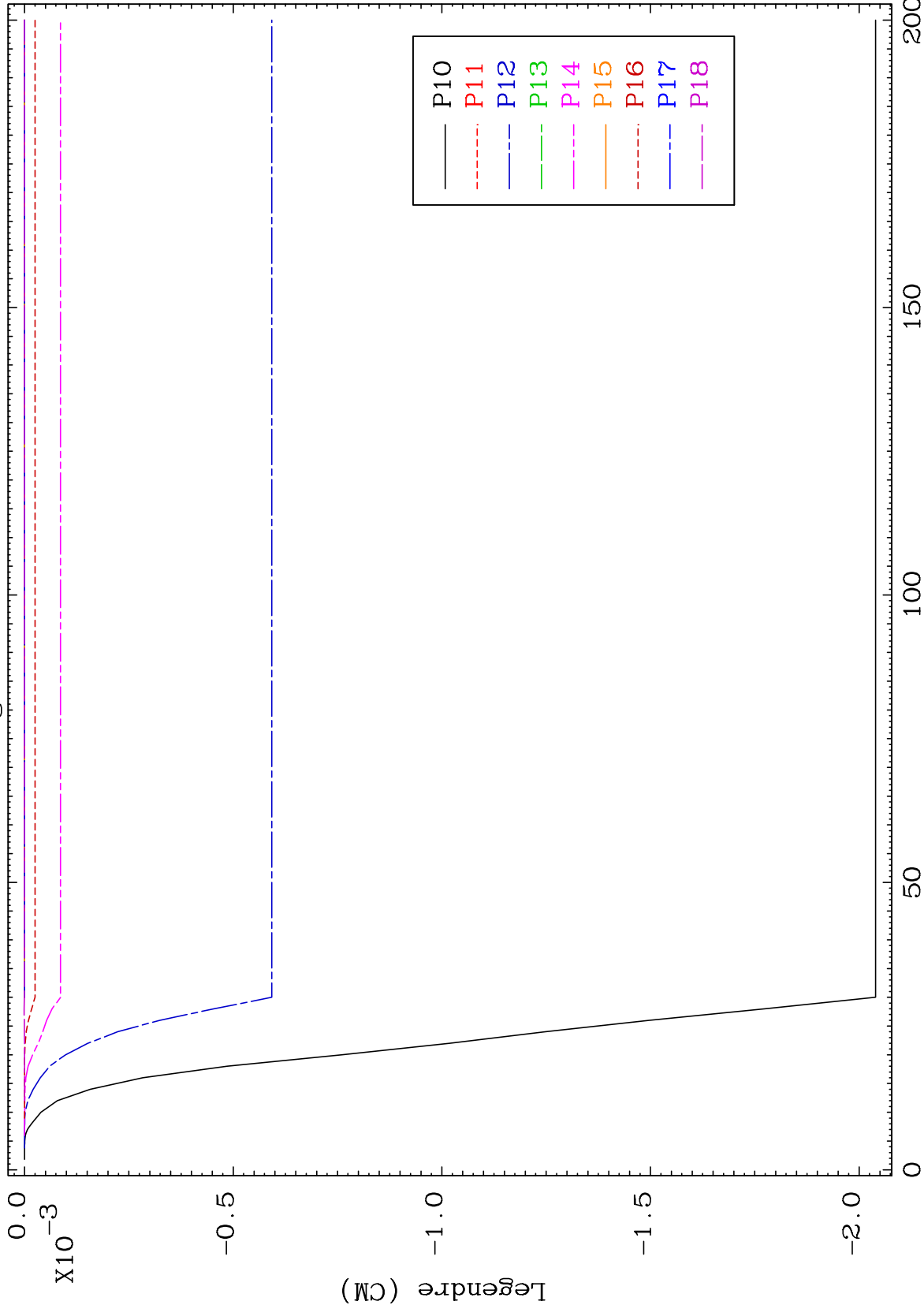


49 57-La-130

MAT 5701

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

57-La-130

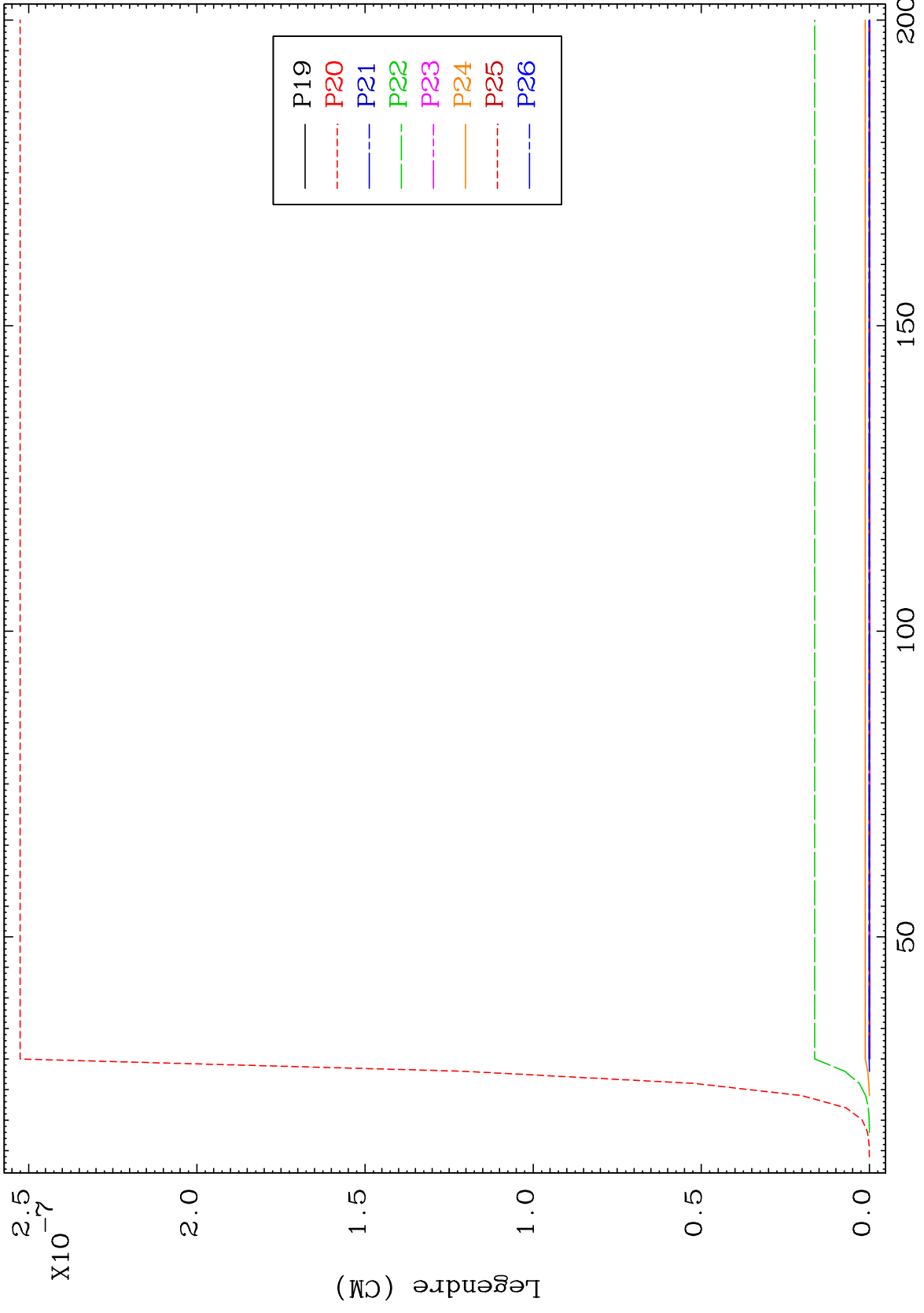


57-La-130

Incident Energy (MeV)

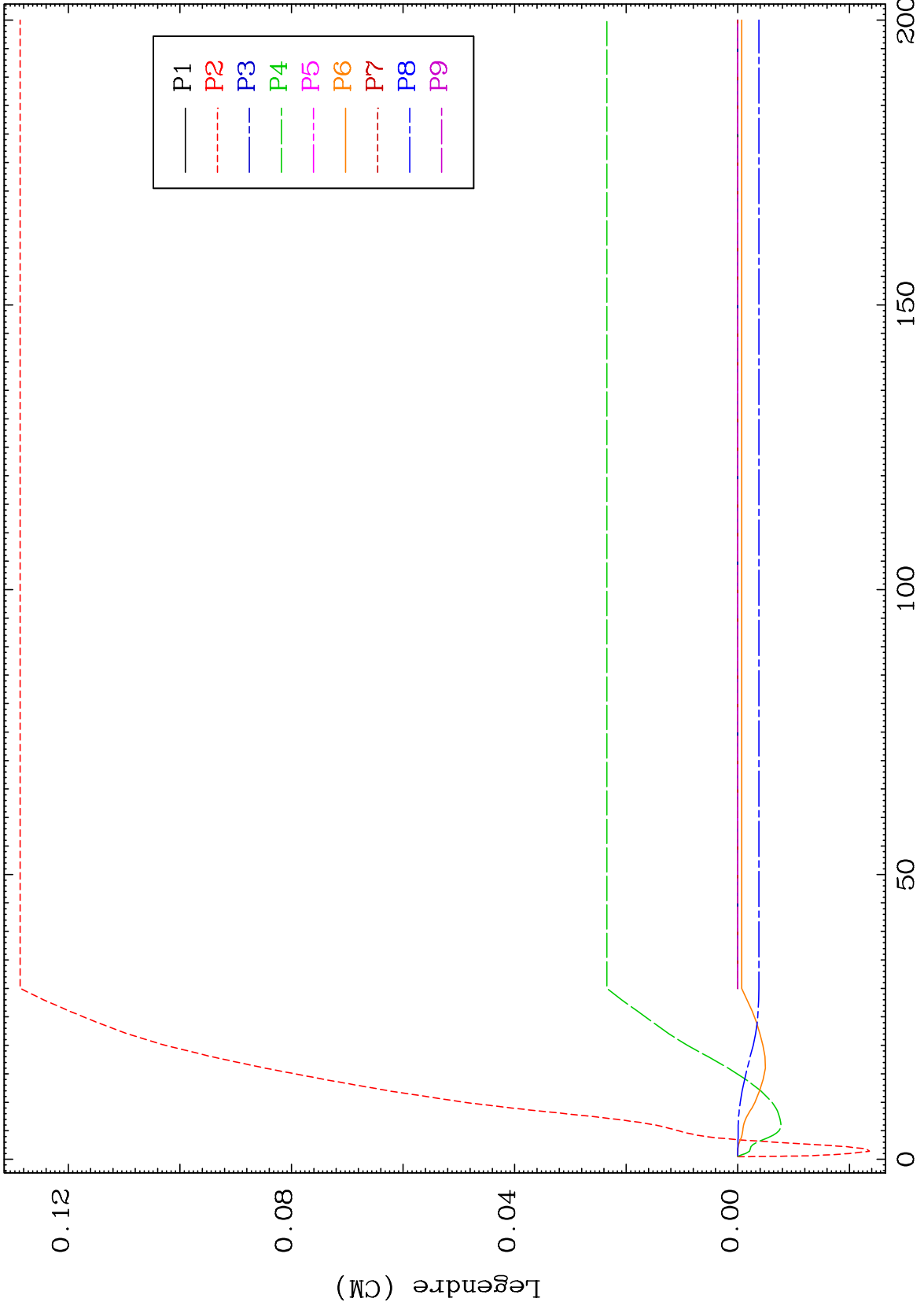
Legendre (CM)

MAT 5701 MT= 60 (n,n') Level Legendre Coefficients 57-La-130



51 Incident Energy (MeV) 57-La-130

MAT 5701 MT= 61 (n,n') Level Legendre Coefficients 57-La-130

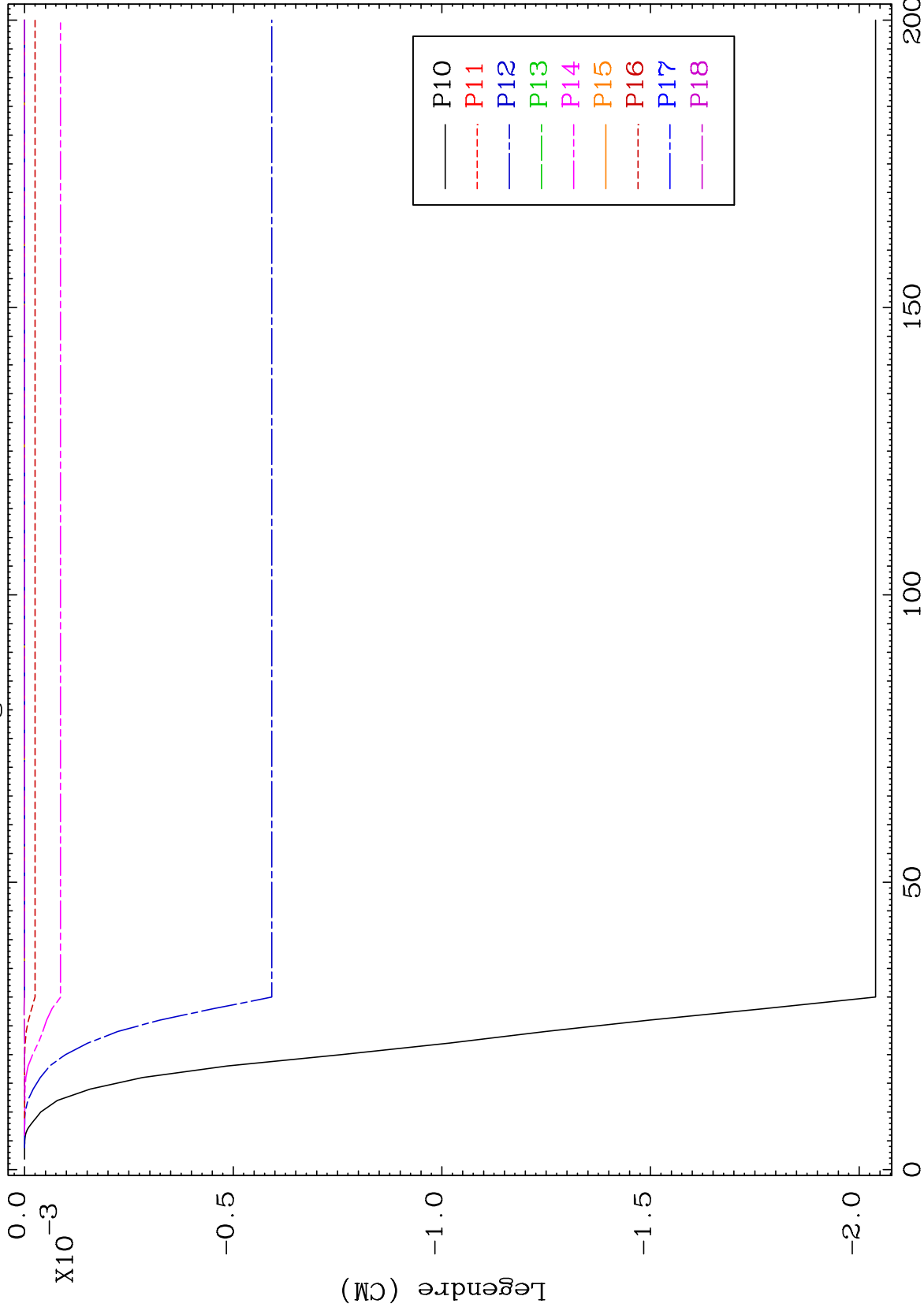


57-La-130

MAT 5701

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

57-La-130

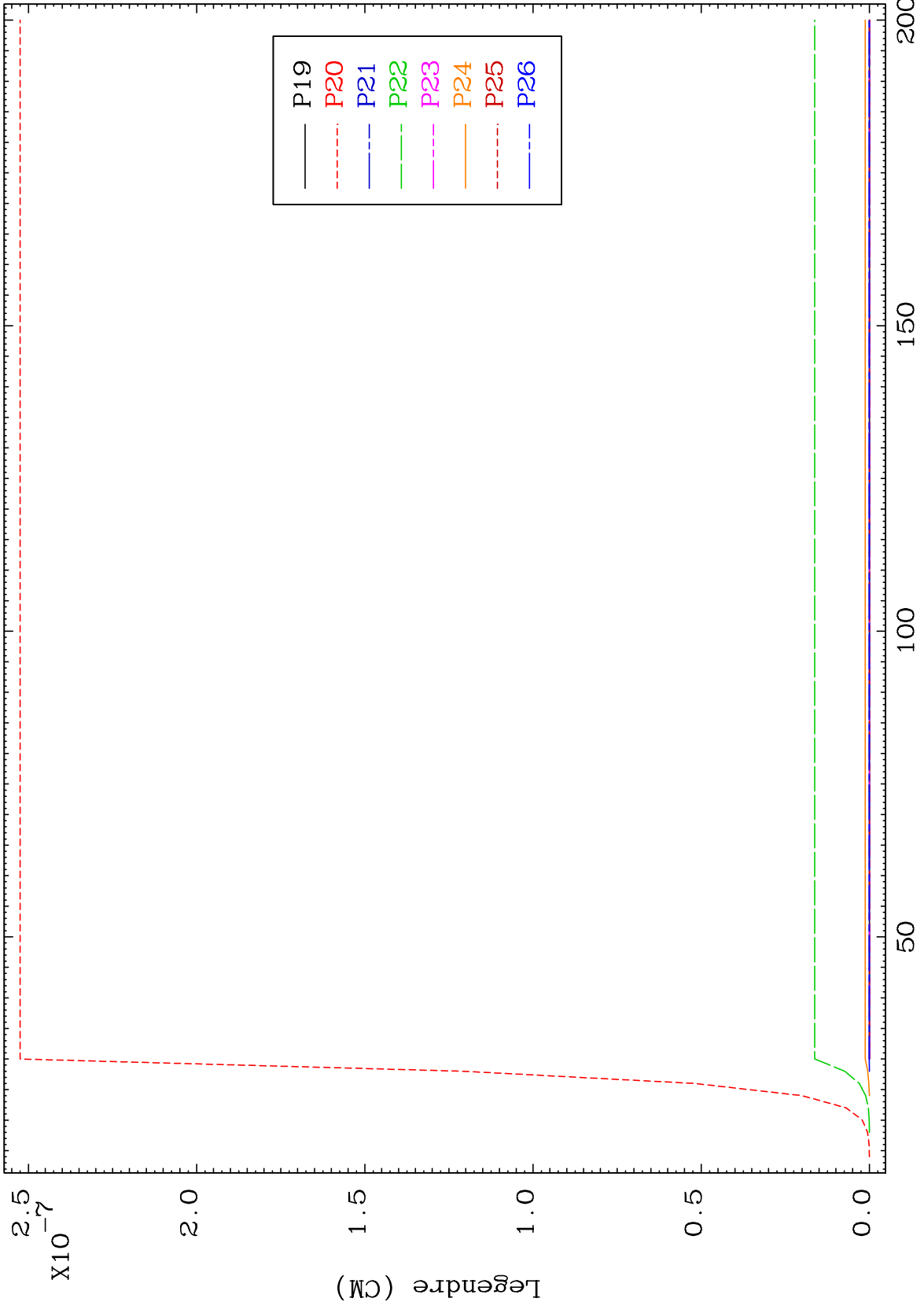


57-La-130

Incident Energy (MeV)

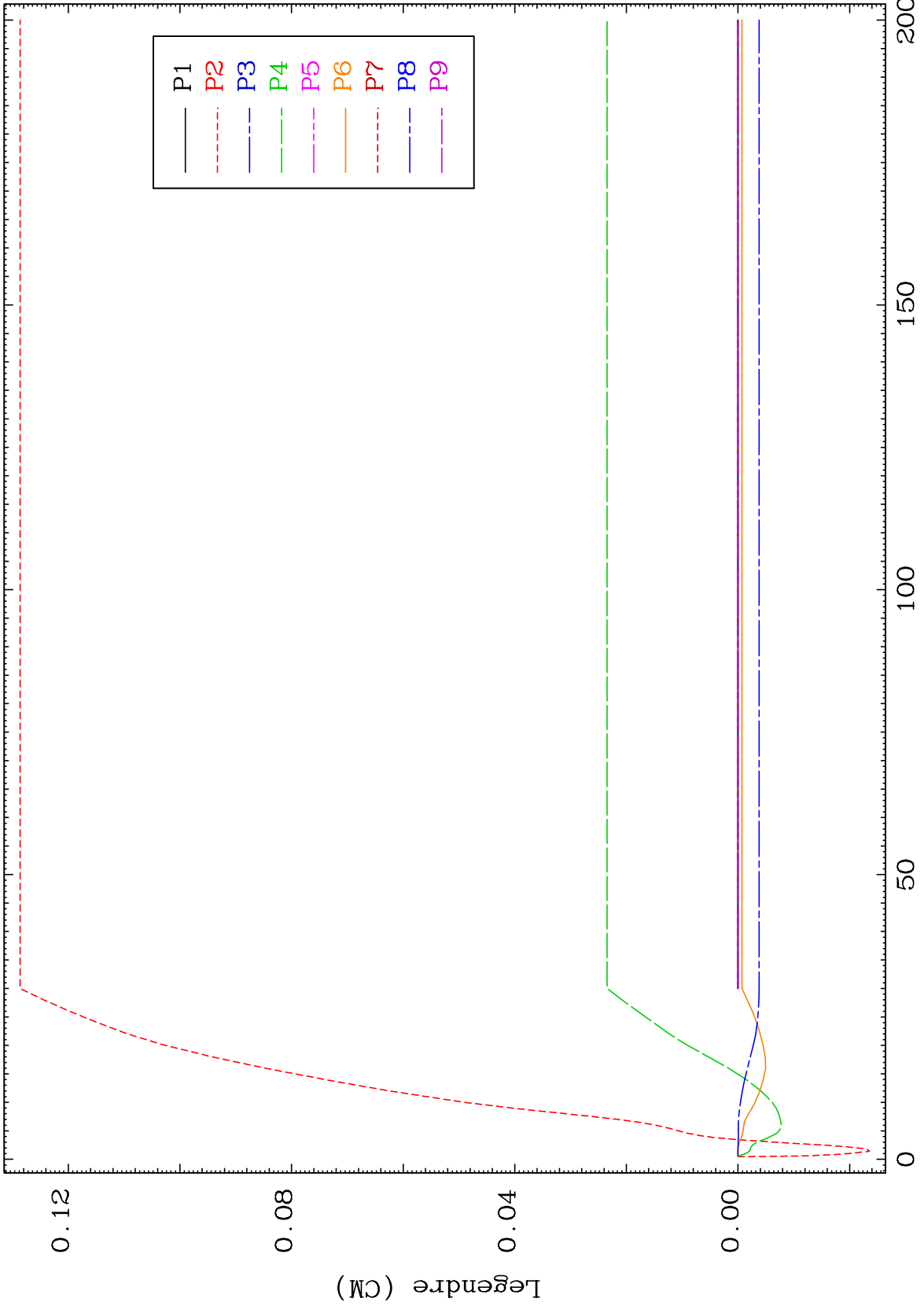
53

MAT 5701 MT= 61 (n,n') Level Legendre Coefficients 57-La-130



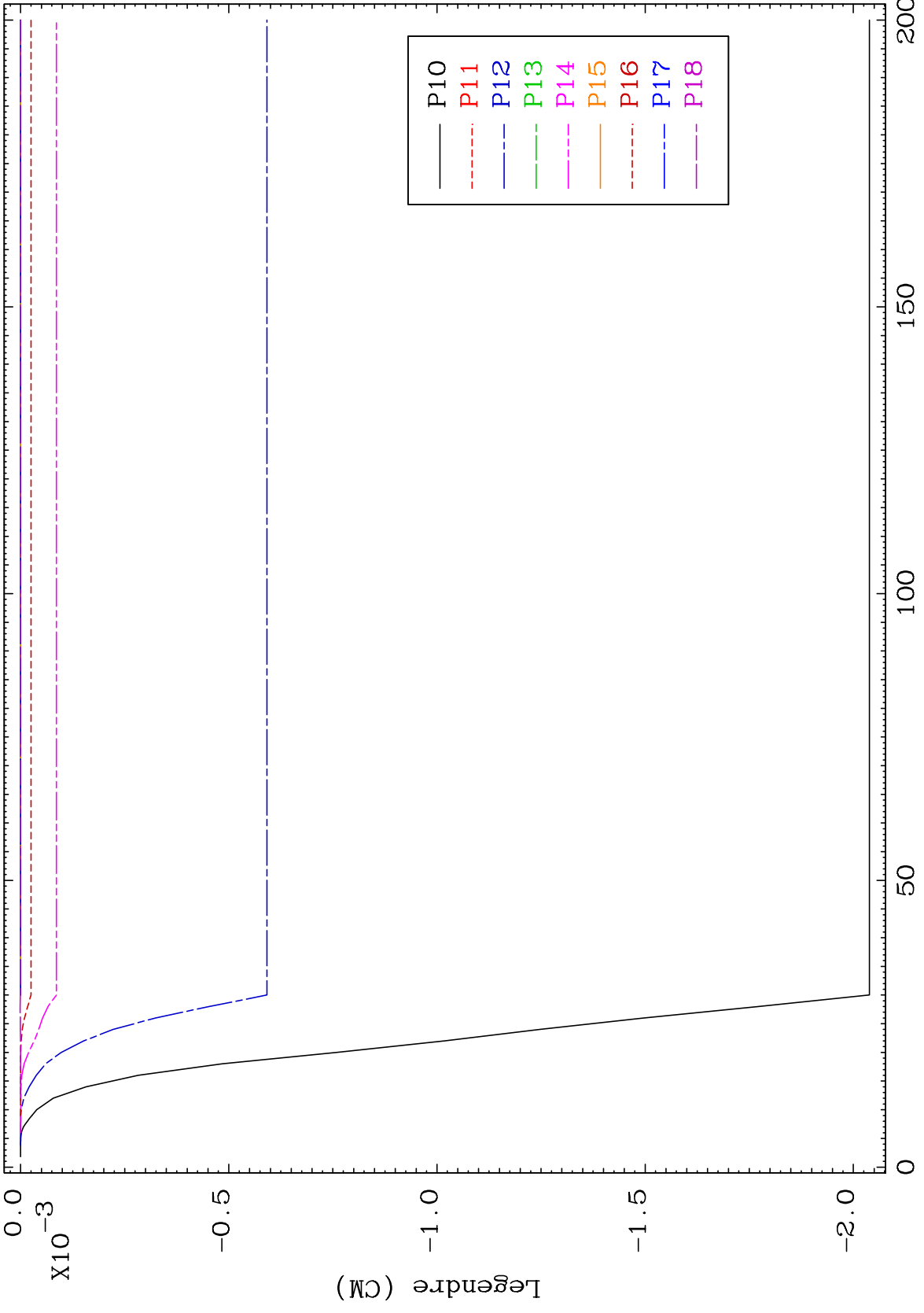
54 57-La-130 Incident Energy (MeV)

MAT 5701 MT= 62 (n,n') Level Legendre Coefficients 57-La-130



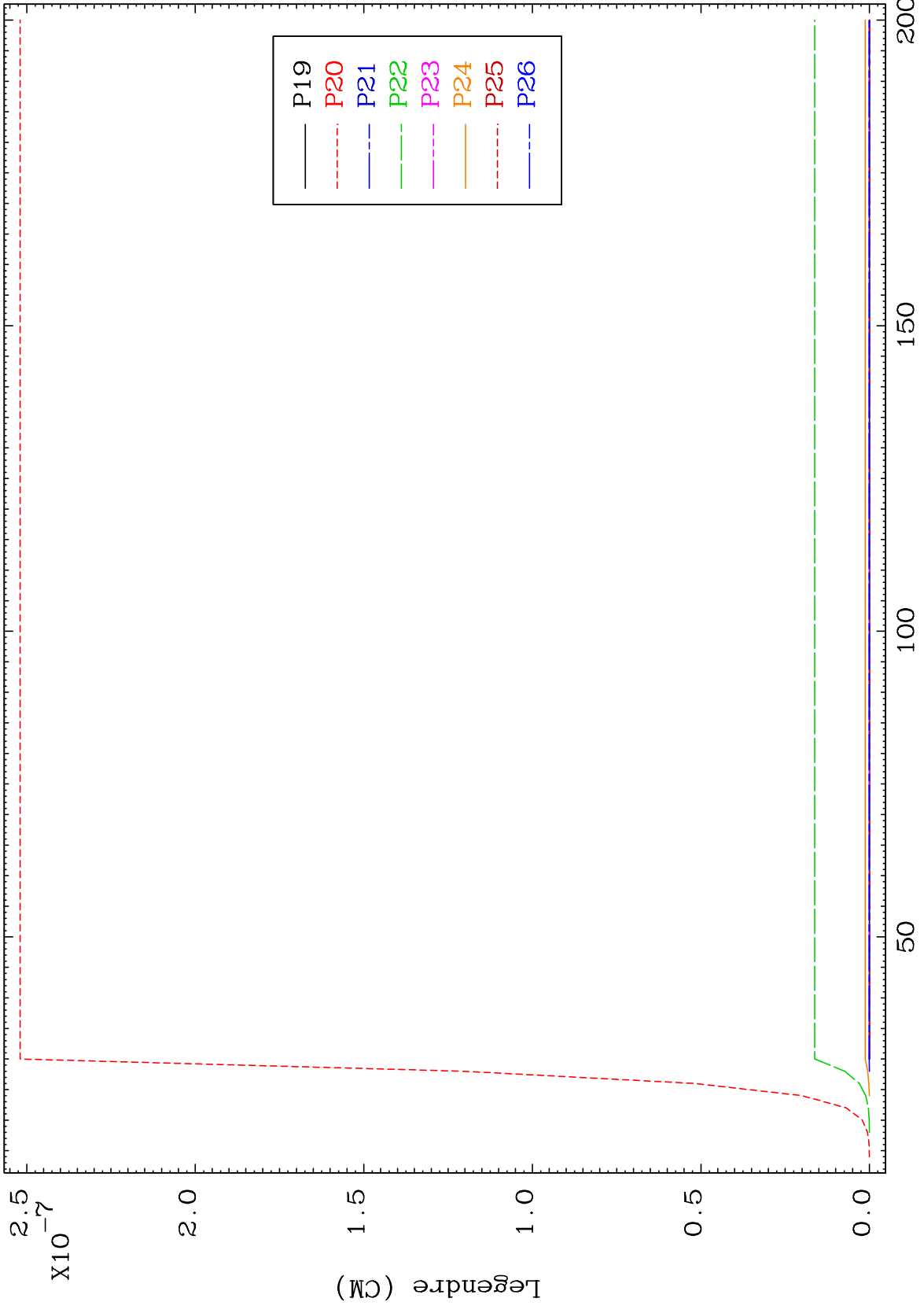
57-La-130

MAT 5701 MT= 62 (n,n') Level Legendre Coefficients 57-La-130



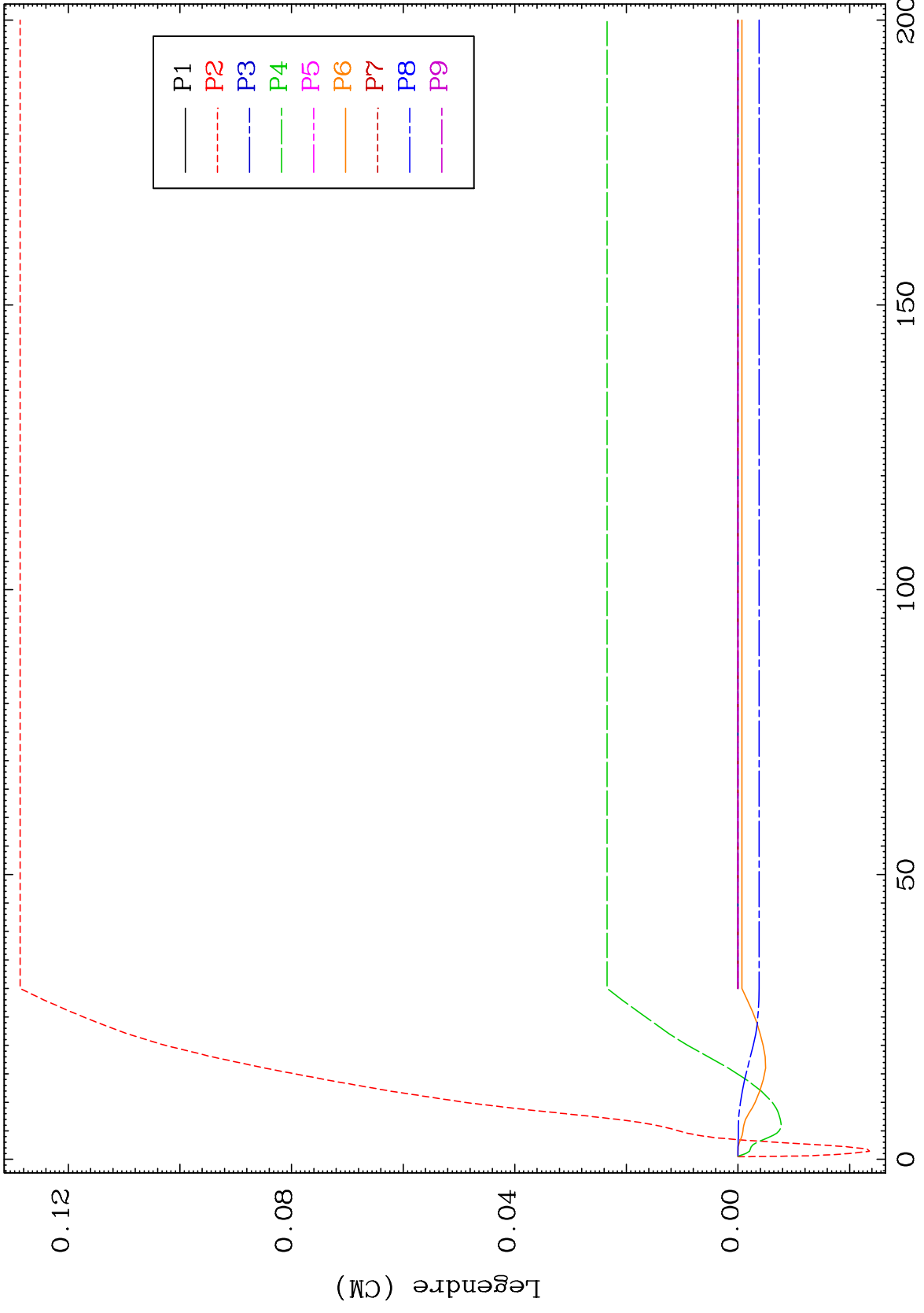
56 57-La-130

MAT 5701 MT= 62 (n,n') Level Legendre Coefficients 57-La-130



57 Incident Energy (MeV) 57-La-130

MAT 5701 MT= 63 (n,n') Level Legendre Coefficients 57-La-130

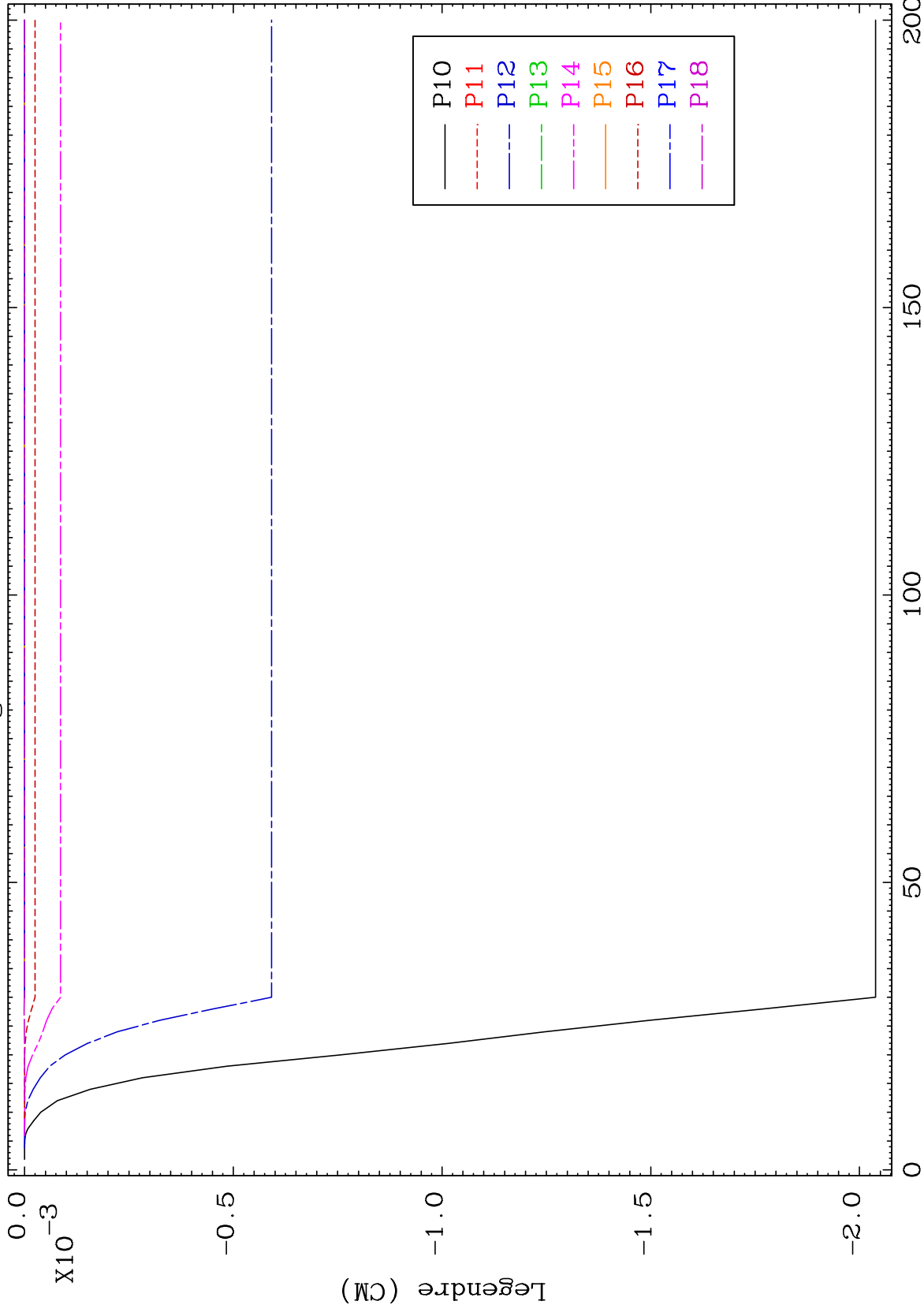


58 57-La-130

MAT 5701

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

57-La-130

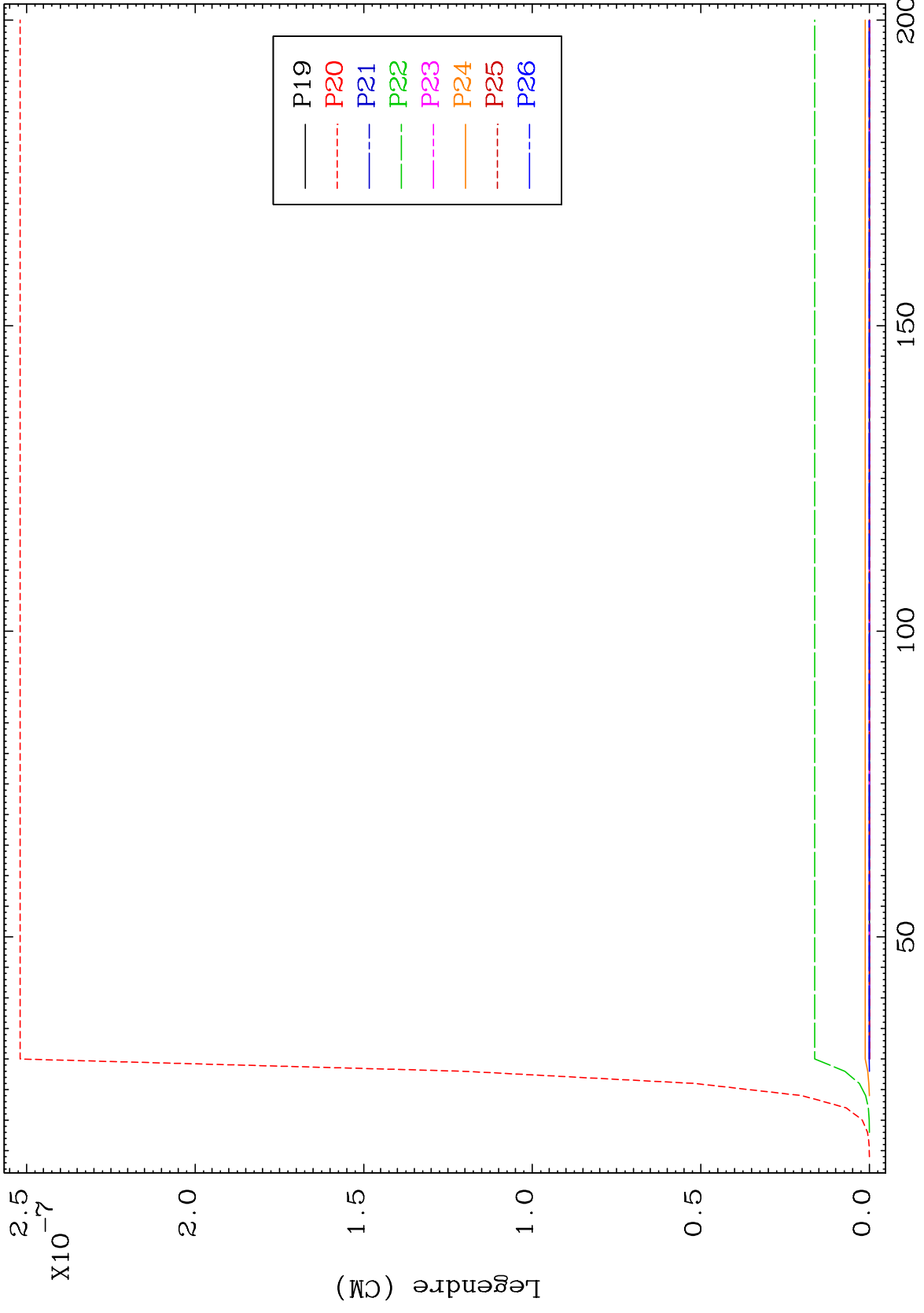


57-La-130

Incident Energy (MeV)

59

MAT 5701 MT= 63 (n,n') Level Legendre Coefficients 57-La-130

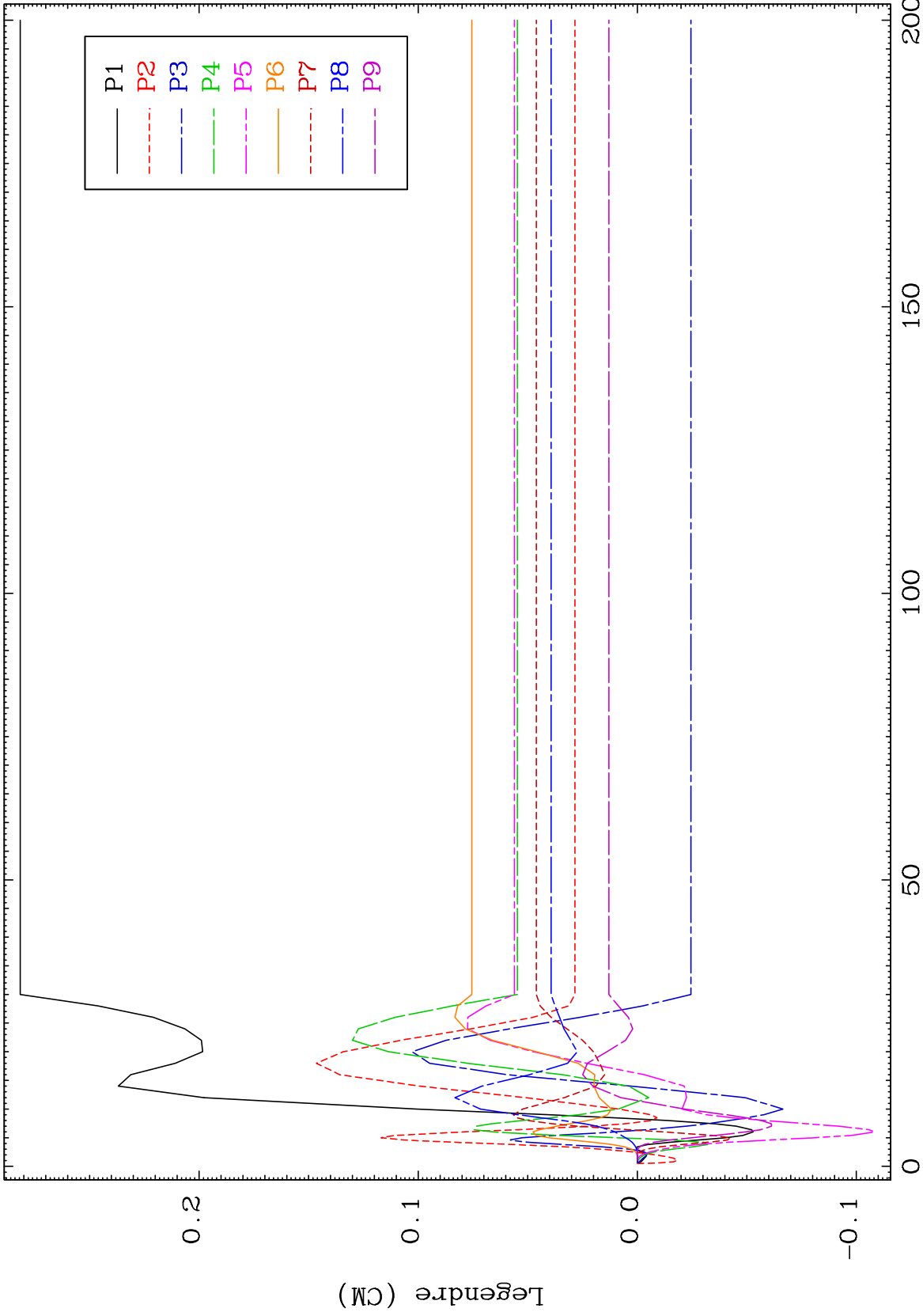


57-La-130

MAT 5701

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

57-La-130

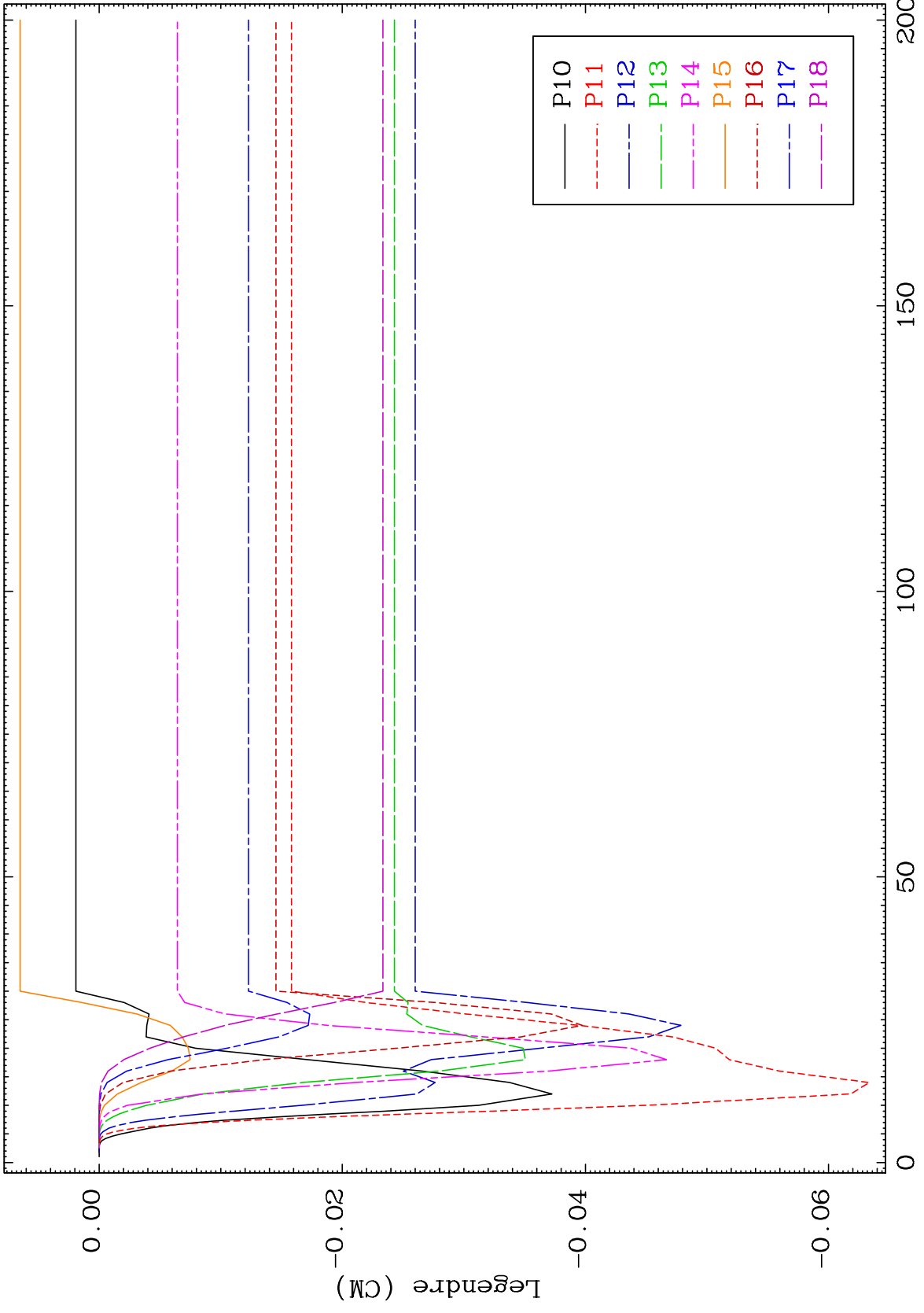


61

Incident Energy (MeV)

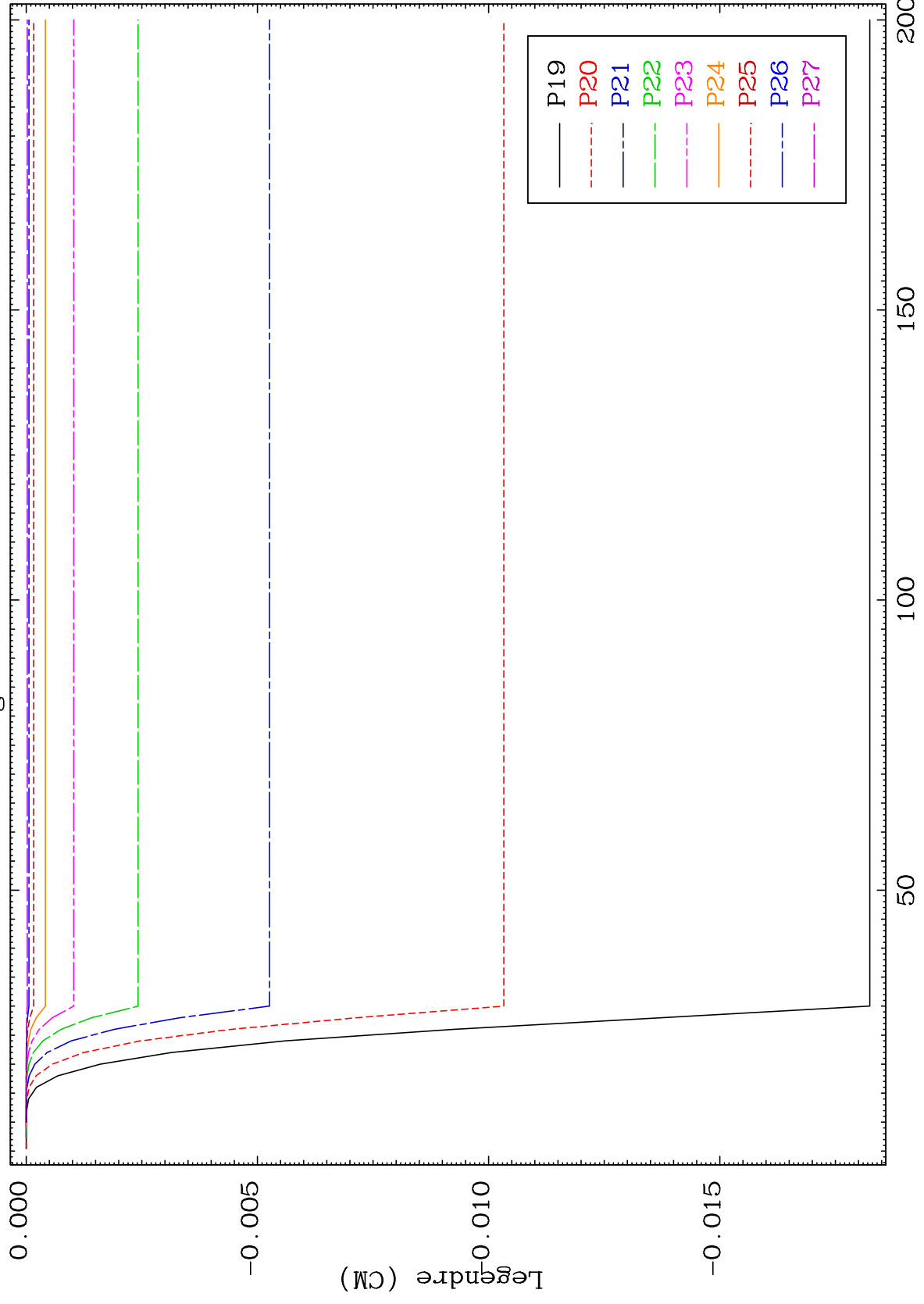
57-La-130

MAT 5701 MT= 64 (n,n') Level Legendre Coefficients 57-La-130



62 57-La-130

MAT 5701 MT= 64 (n,n') Level Legendre Coefficients 57-La-130

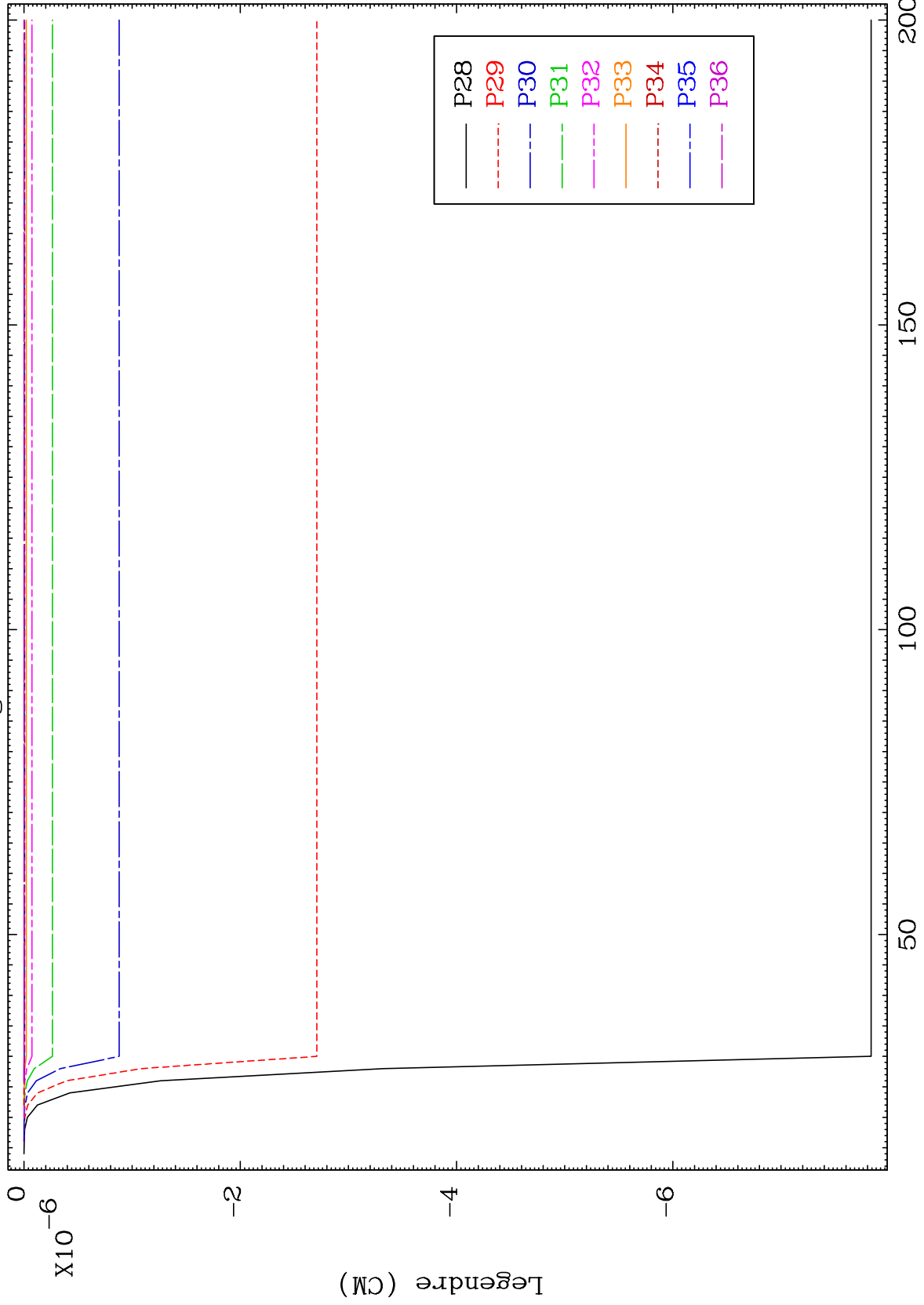


63 57-La-130

MAT 5701

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

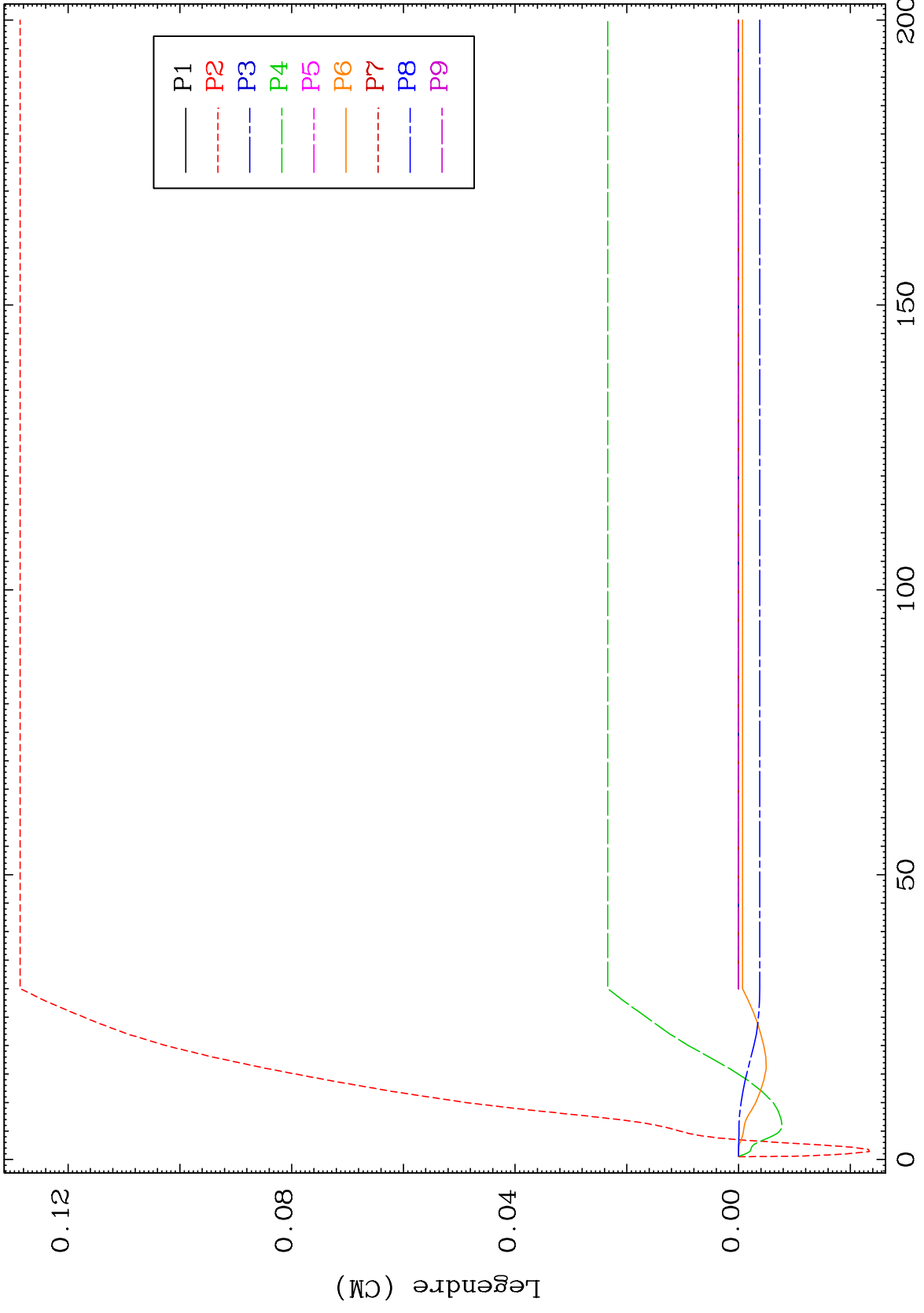
57-La-130



64

57-La-130

MAT 5701 MT= 65 (n,n') Level Legendre Coefficients 57-La-130

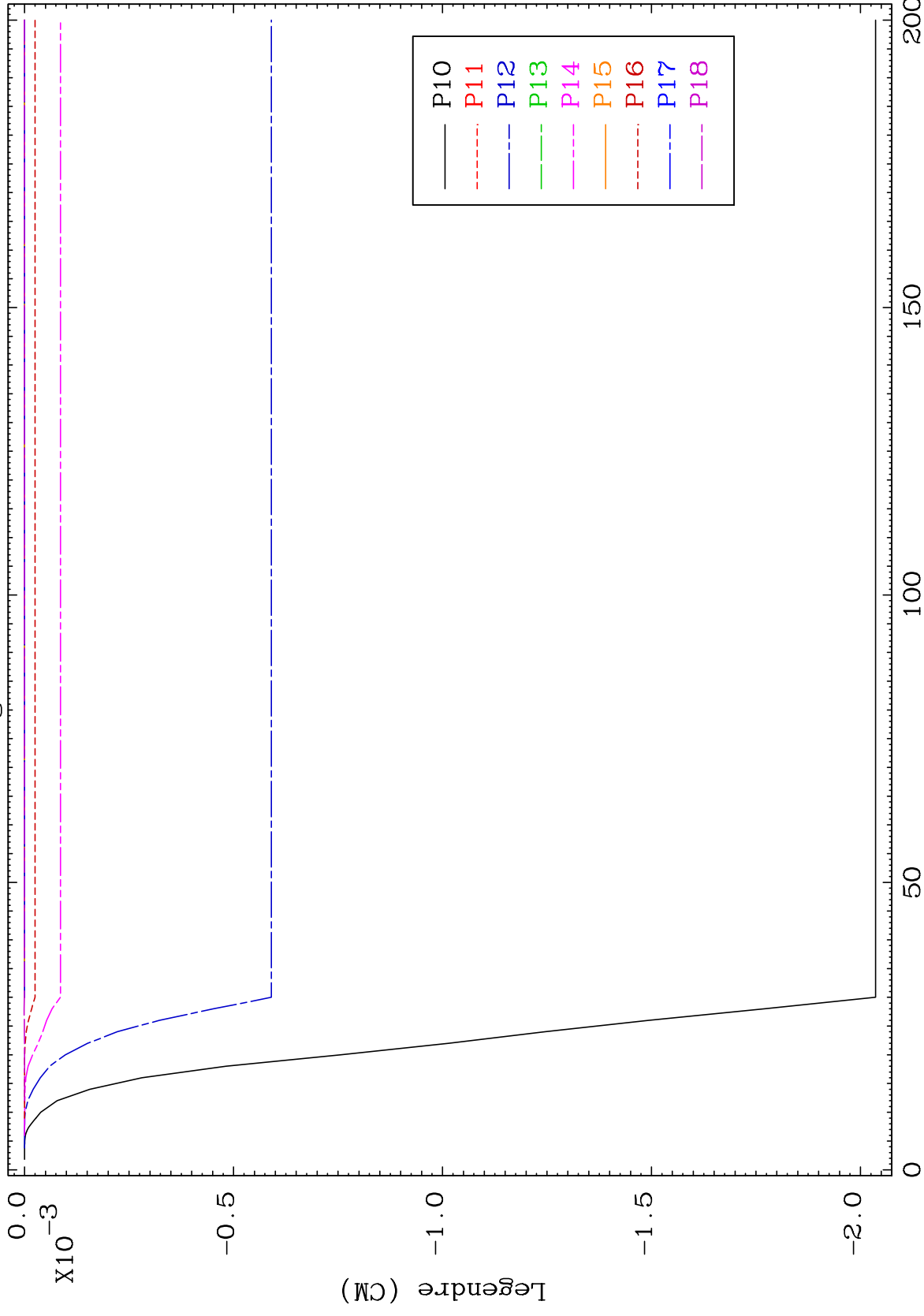


65 57-La-130

MAT 5701

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

57-La-130

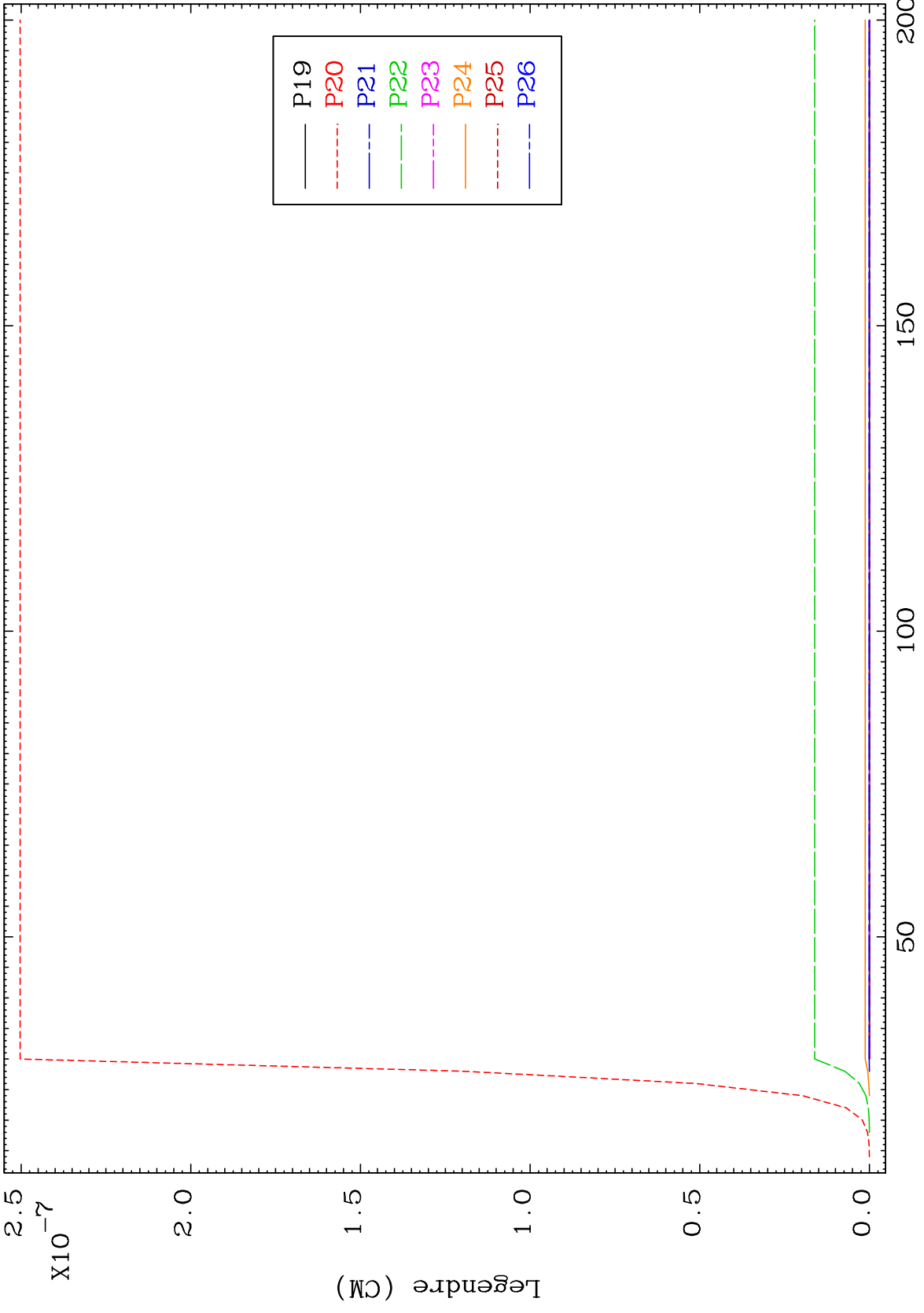


57-La-130

Incident Energy (MeV)

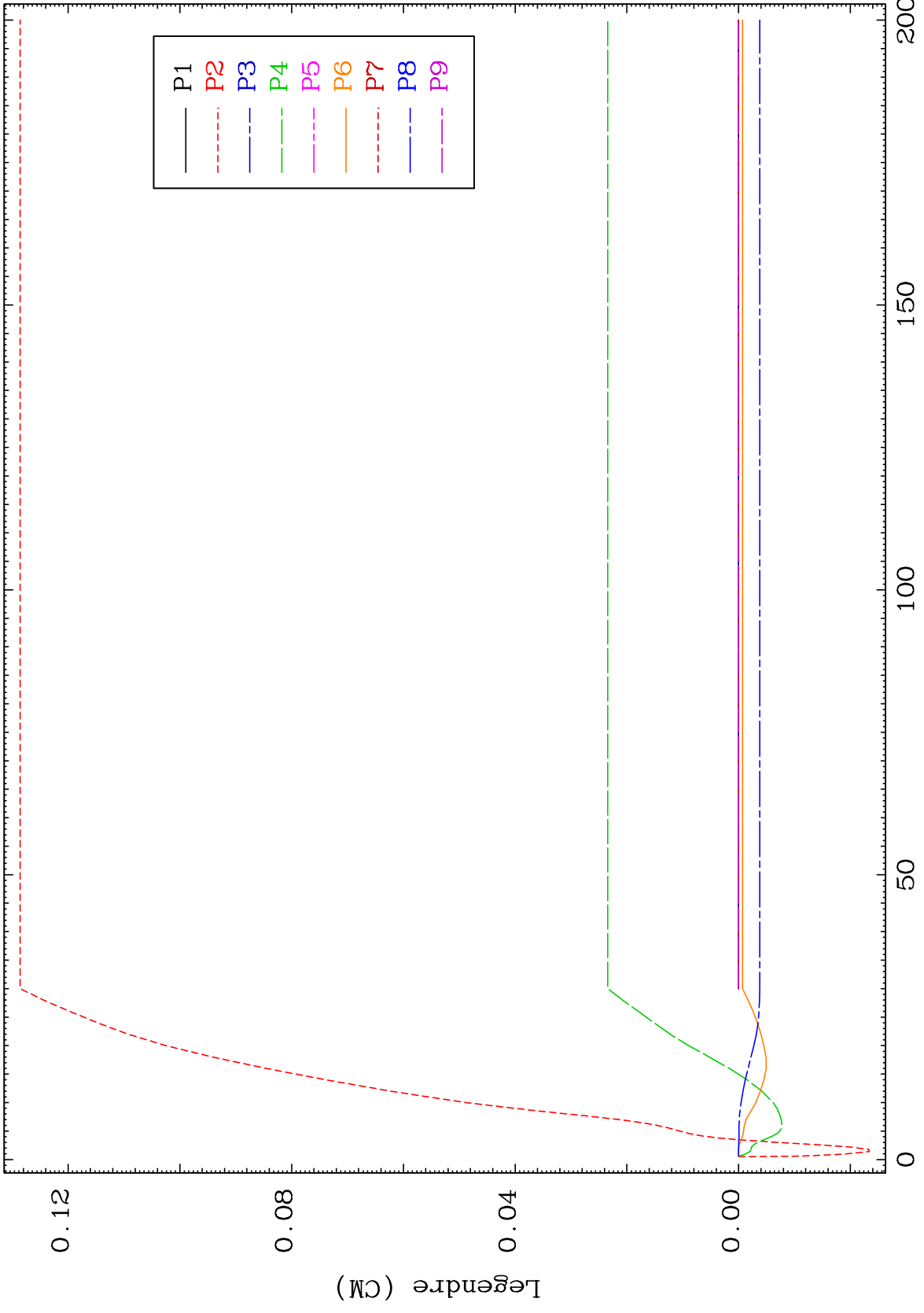
66

MAT 5701 MT= 65 (n,n') Level Legendre Coefficients 57-La-130



67 57-La-130

MAT 5701 MT= 66 (n,n') Level Legendre Coefficients 57-La-130

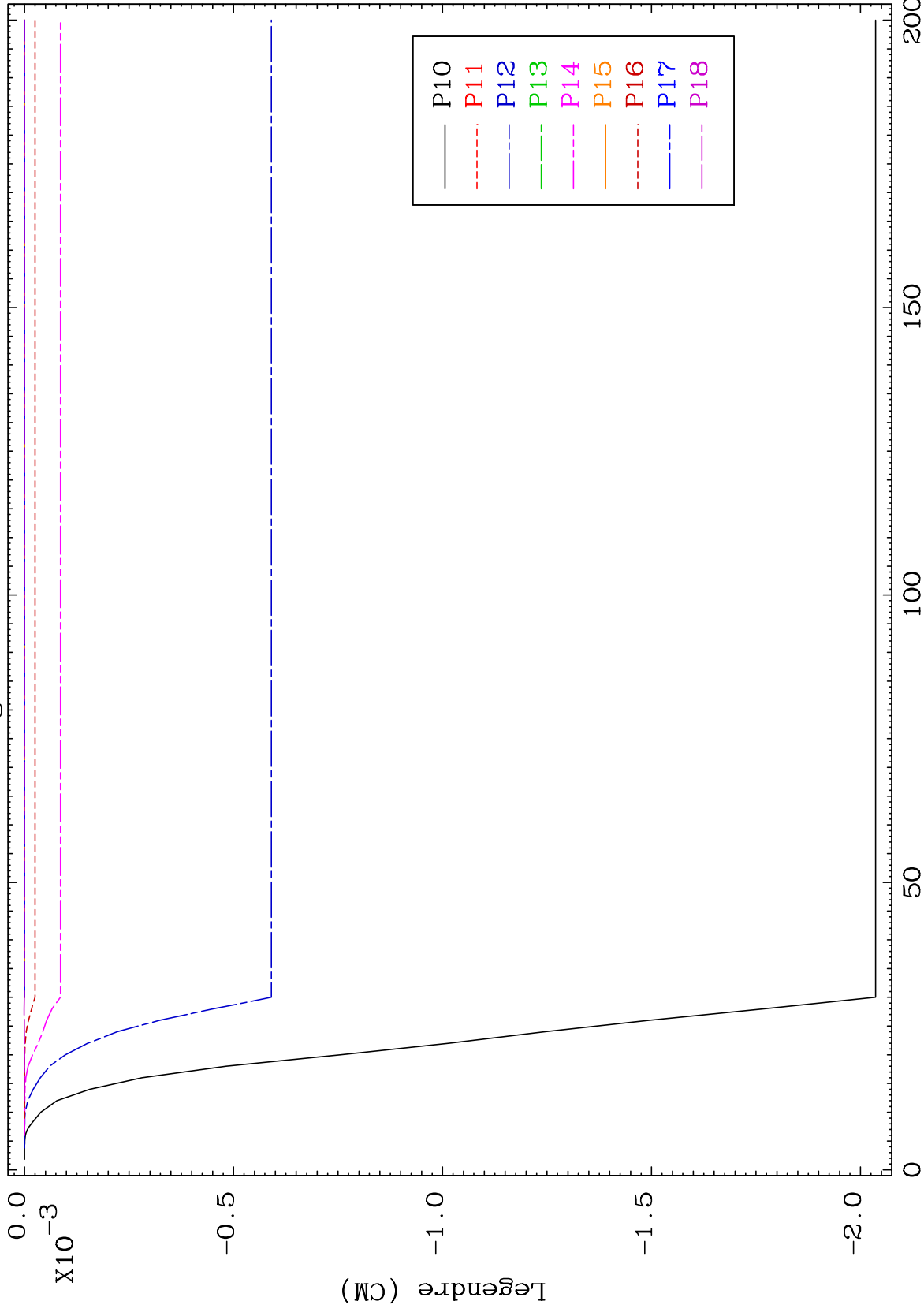


68 57-La-130

MAT 5701

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

57-La-130

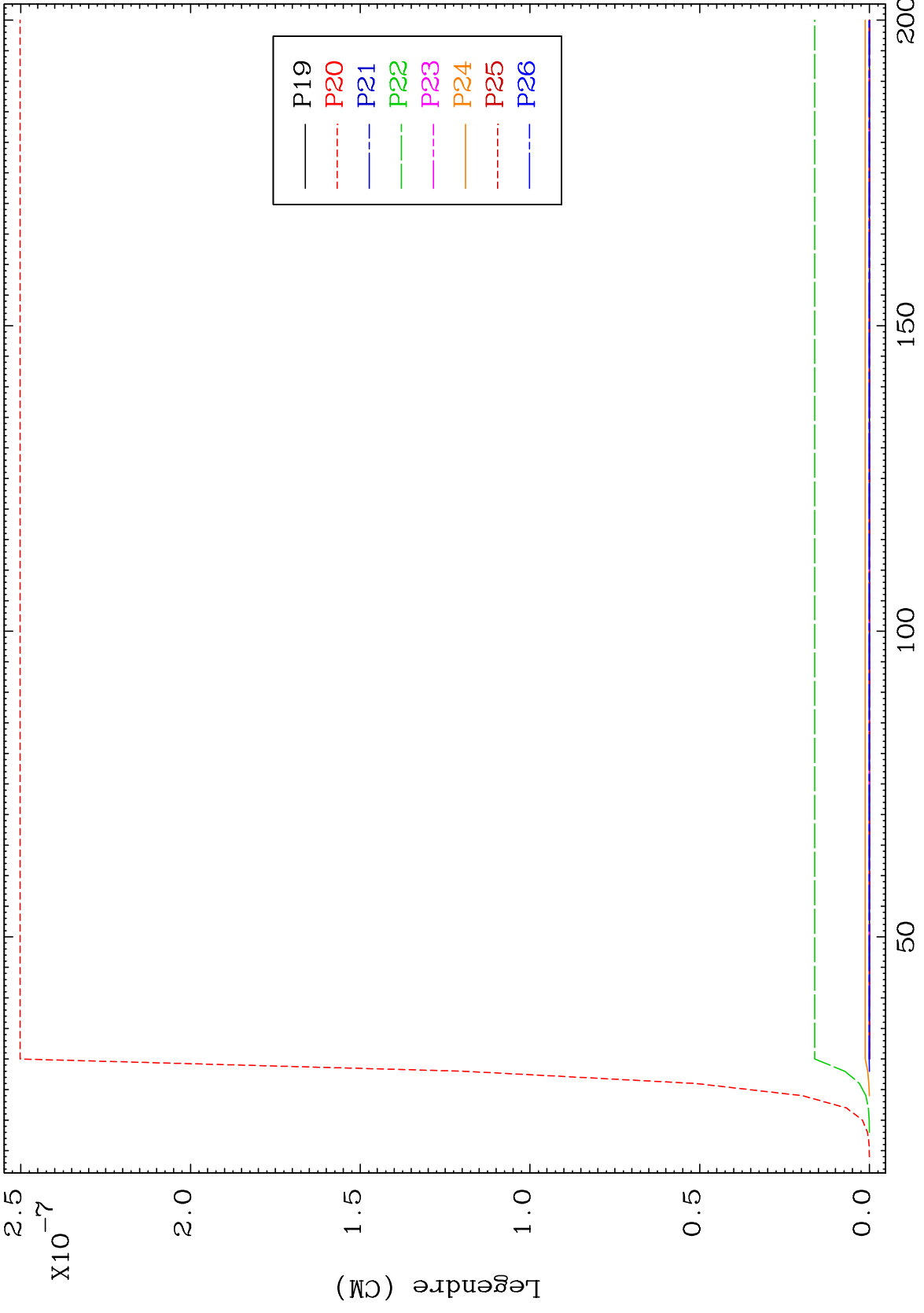


57-La-130

Incident Energy (MeV)

69

MAT 5701 MT= 66 (n,n') Level Legendre Coefficients 57-La-130

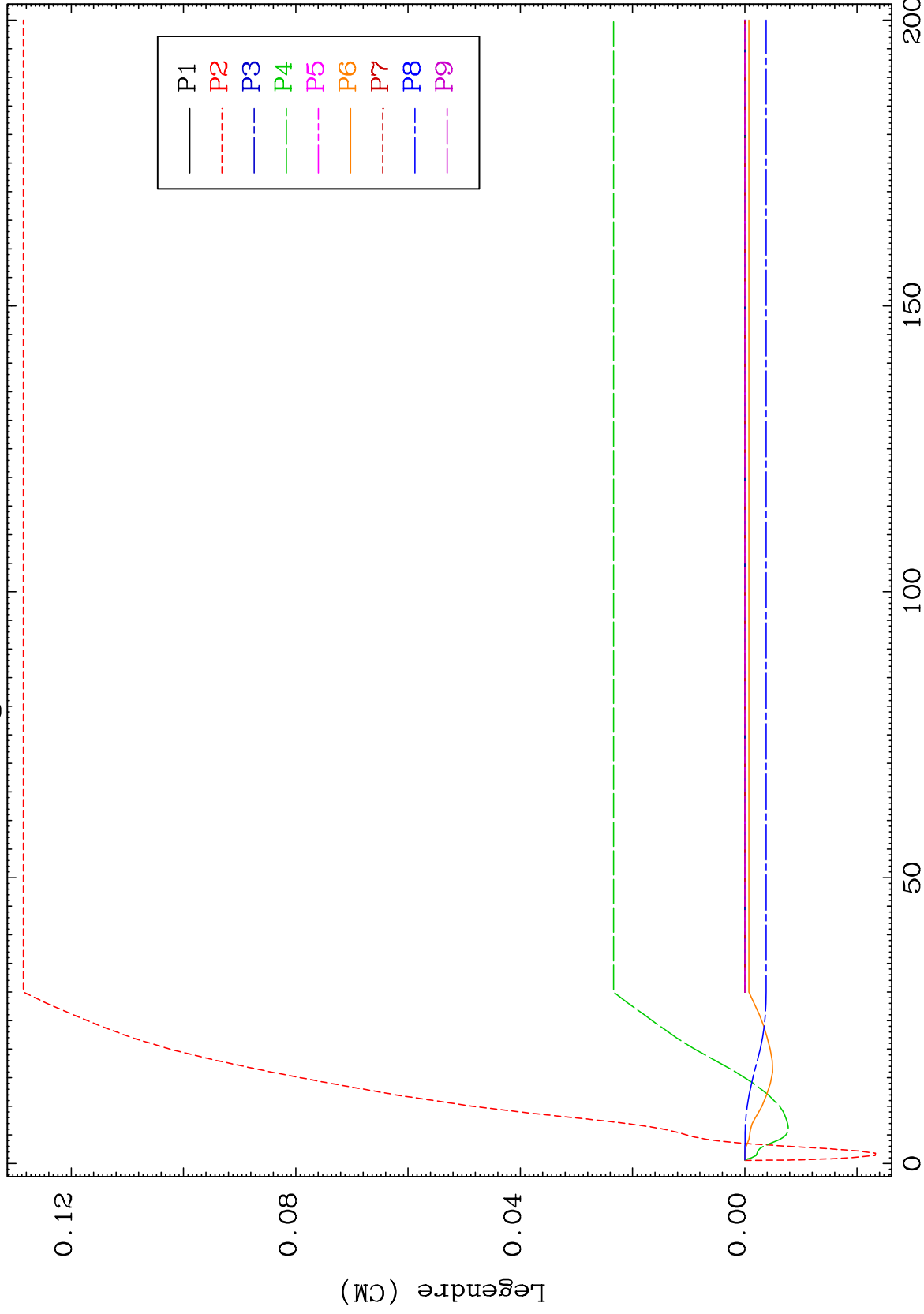


57-La-130

MAT 5701

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

57-La-130



71

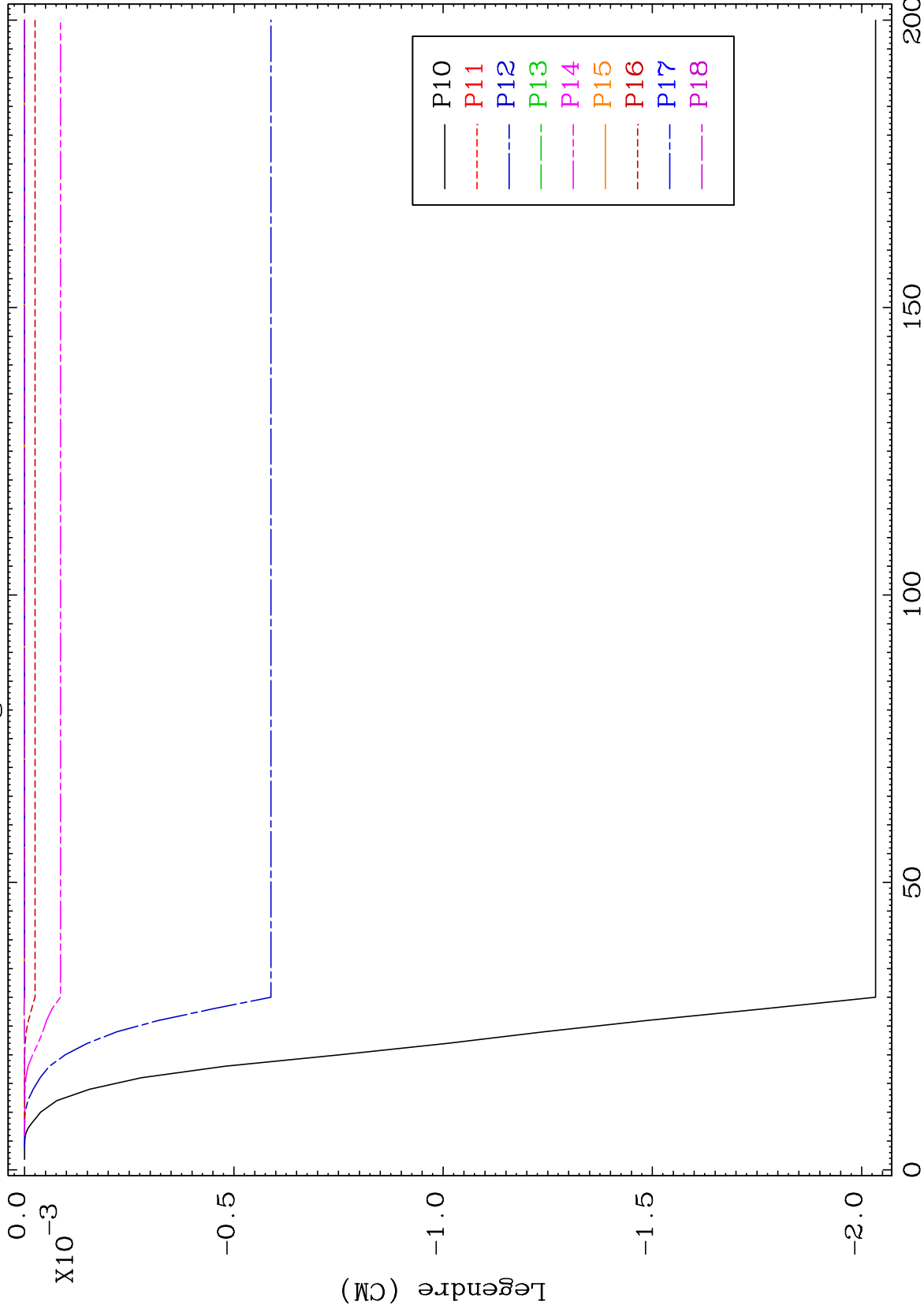
Incident Energy (MeV)

57-La-130

MAT 5701

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

57-La-130

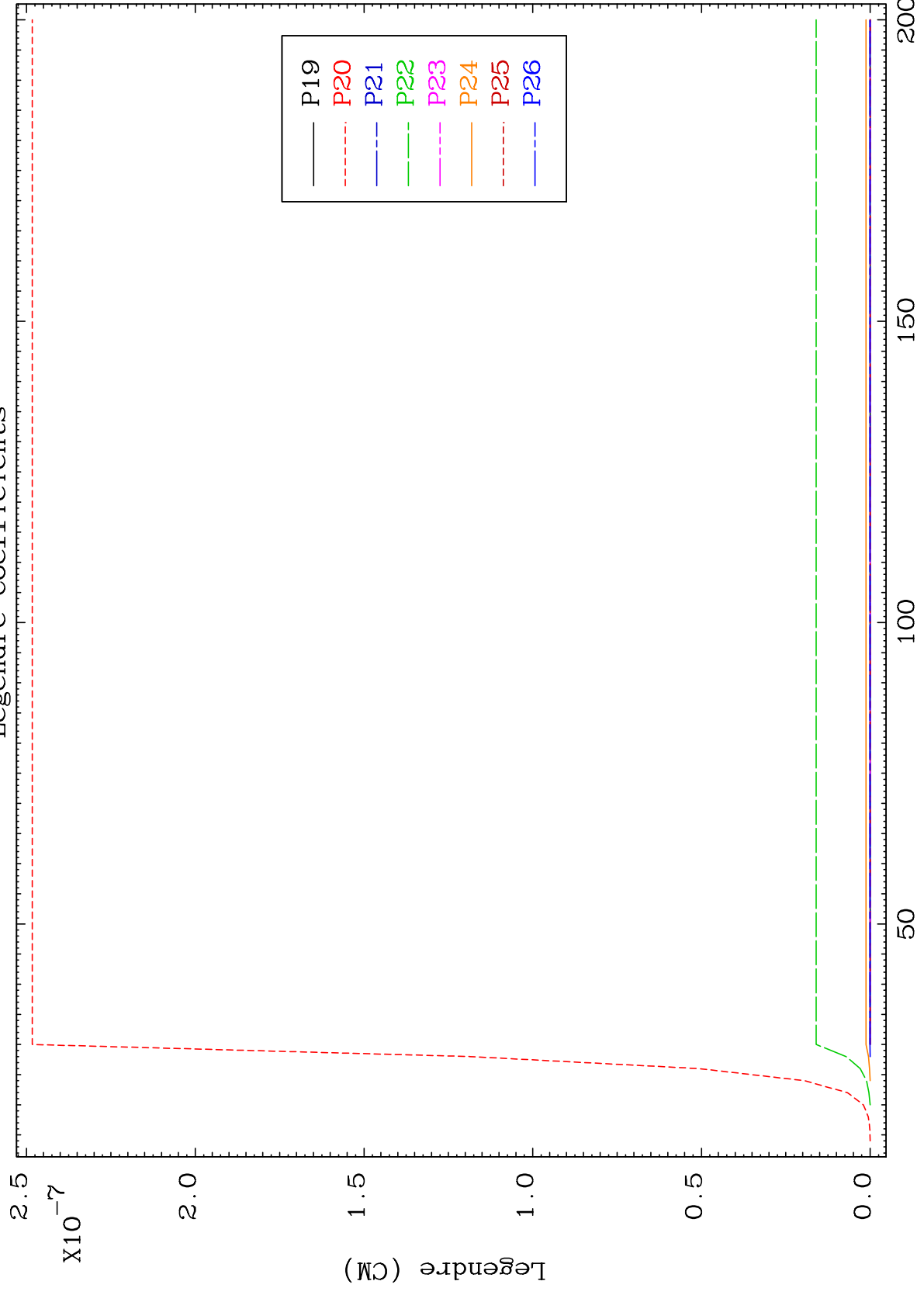


57-La-130

Incident Energy (MeV)

72

MAT 5701 MT= 67 (n,n') Level Legendre Coefficients 57-La-130

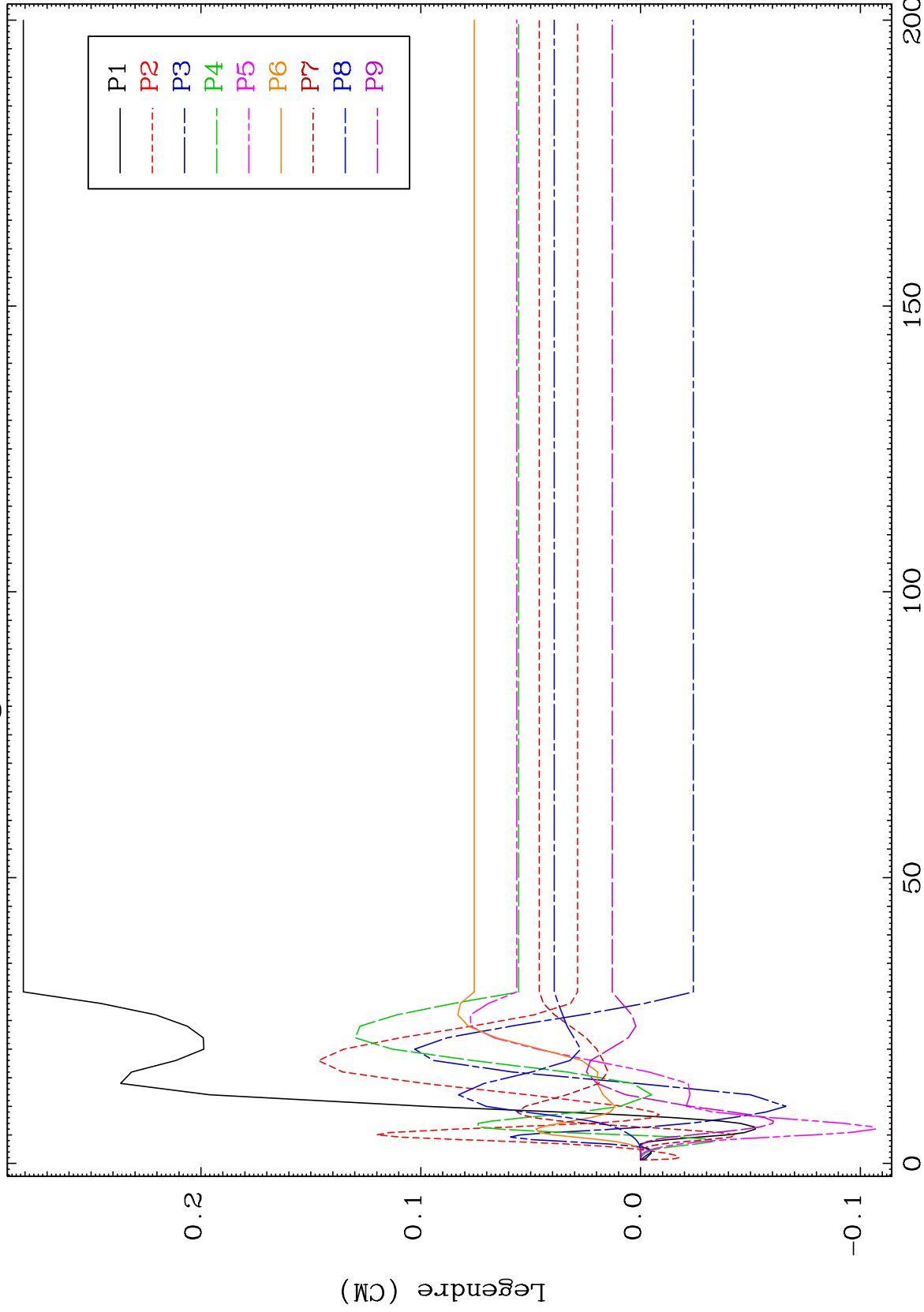


73 57-La-130

MAT 5701

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

57-La-130

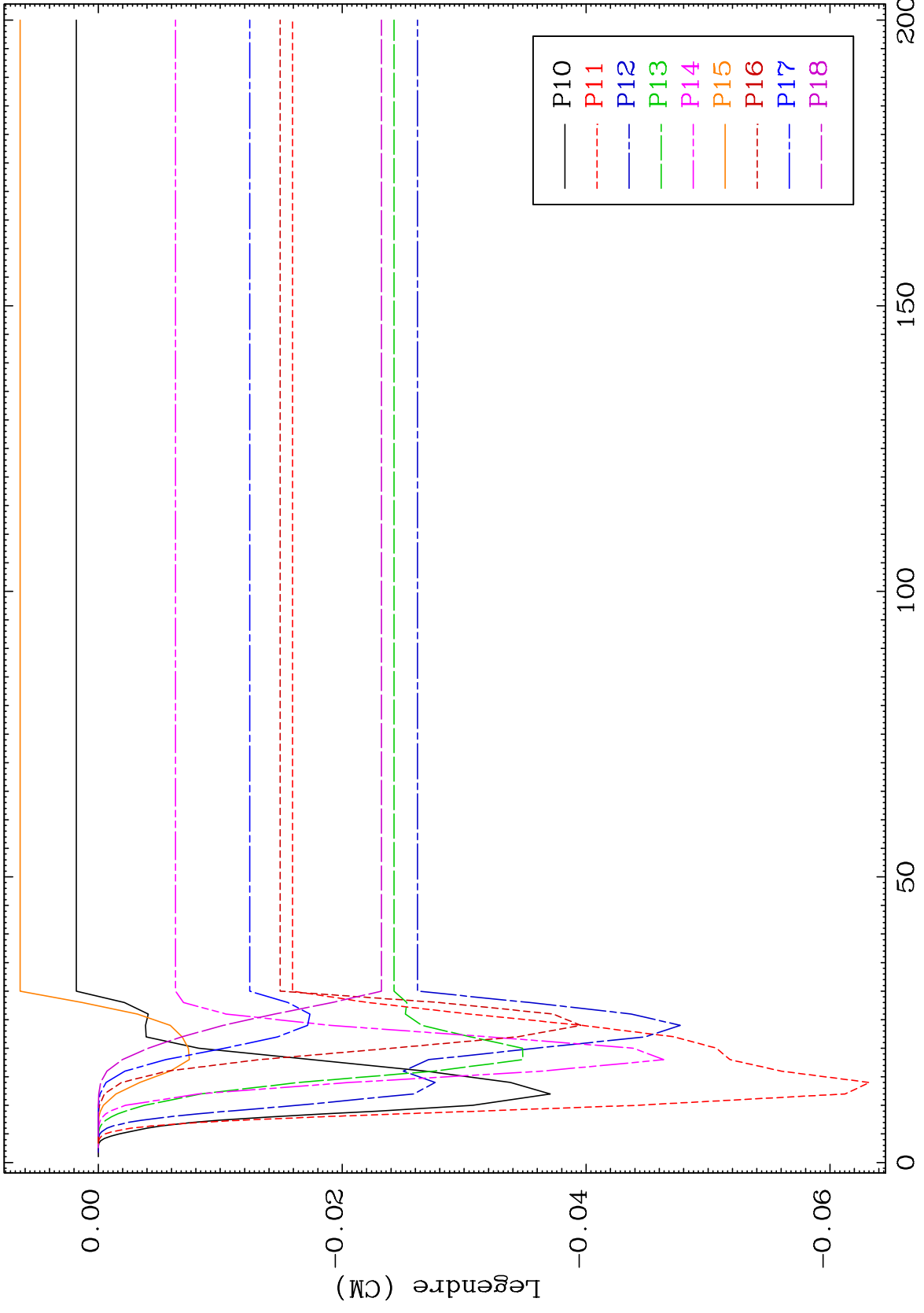


74

Incident Energy (MeV)

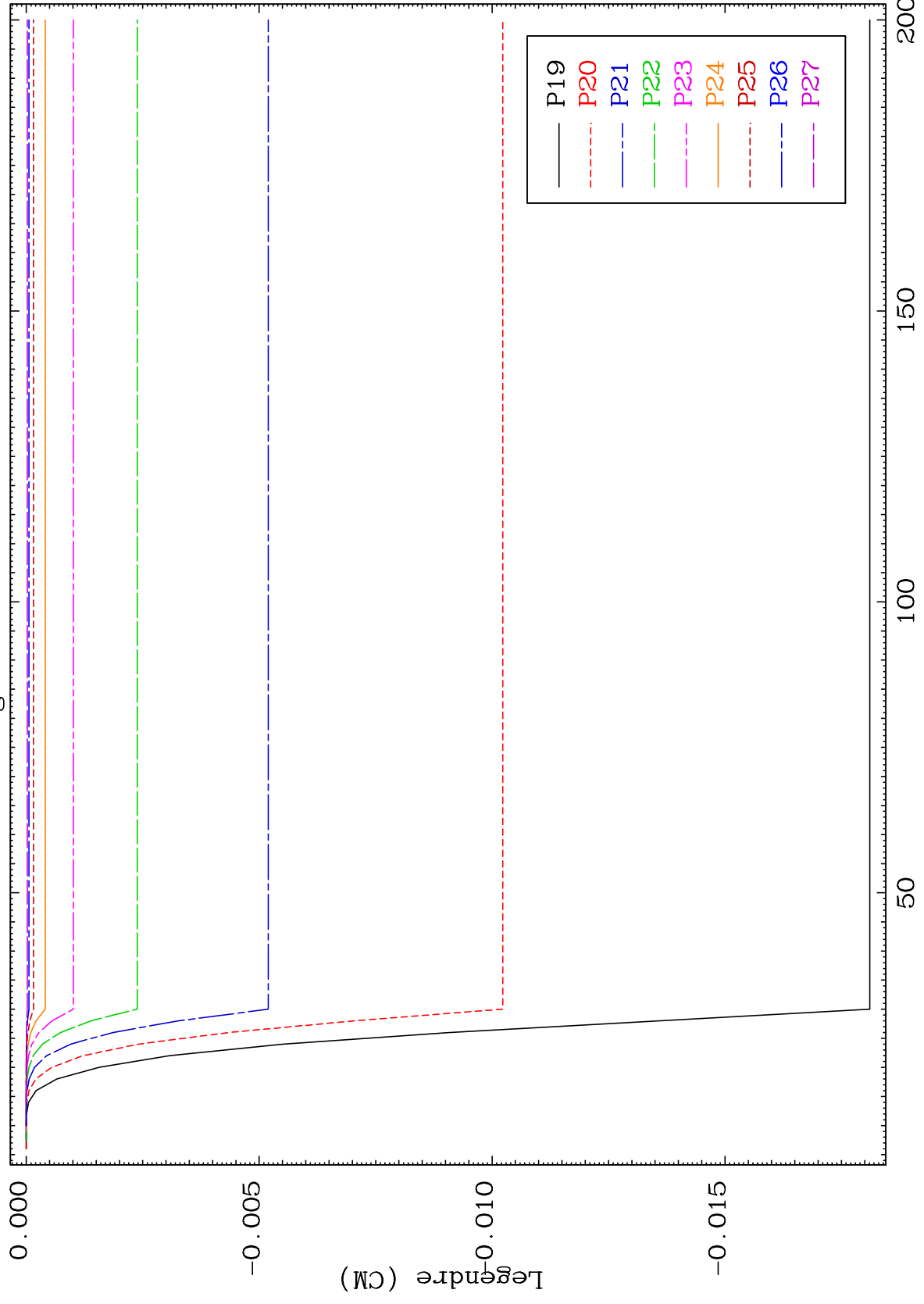
57-La-130

MAT 5701 MT= 68 (n,n') Level Legendre Coefficients 57-La-130



75 Incident Energy (MeV) 57-La-130

MAT 5701 MT= 68 (n,n') Level Legendre Coefficients 57-La-130

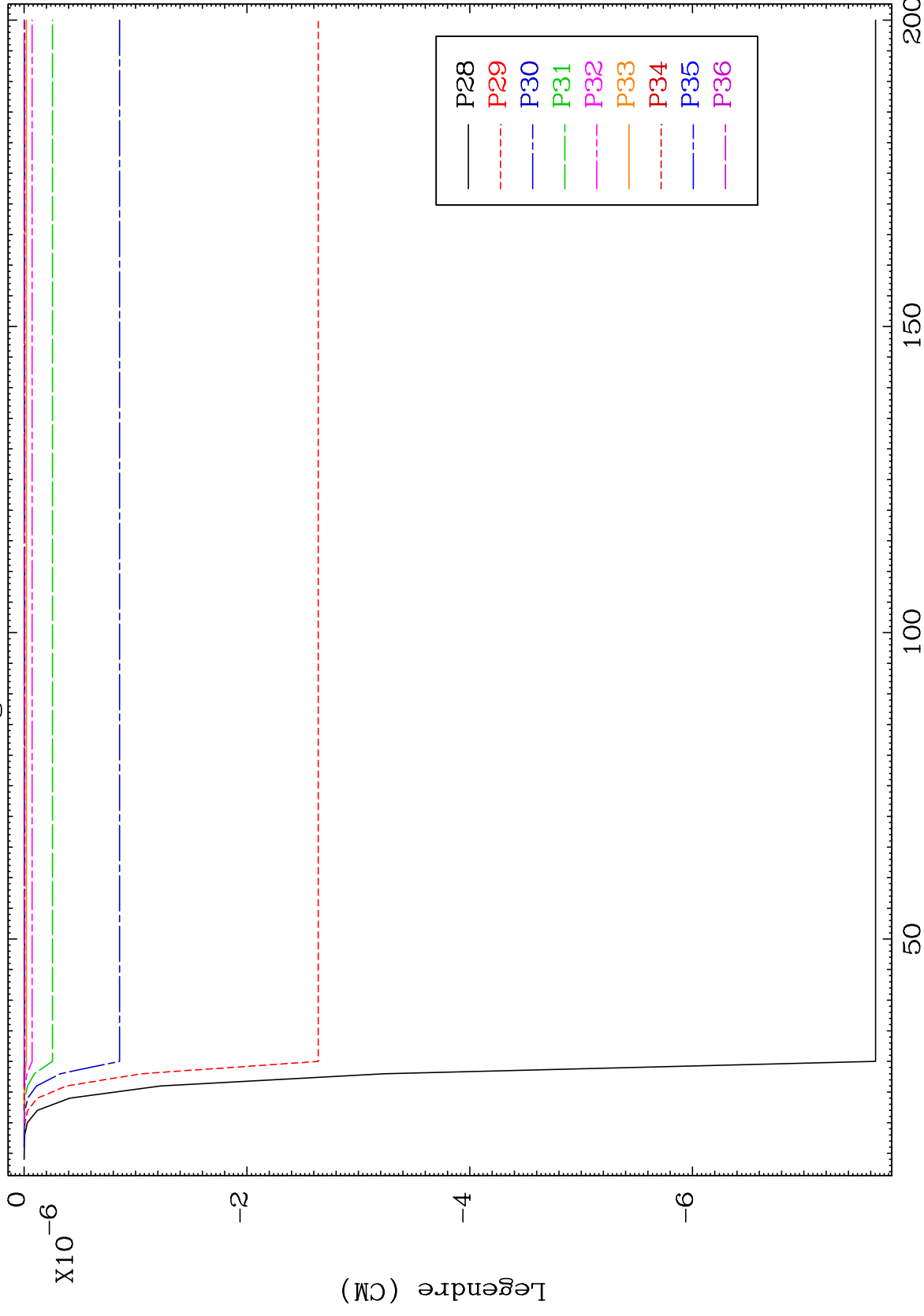


76 57-La-130

MAT 5701

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

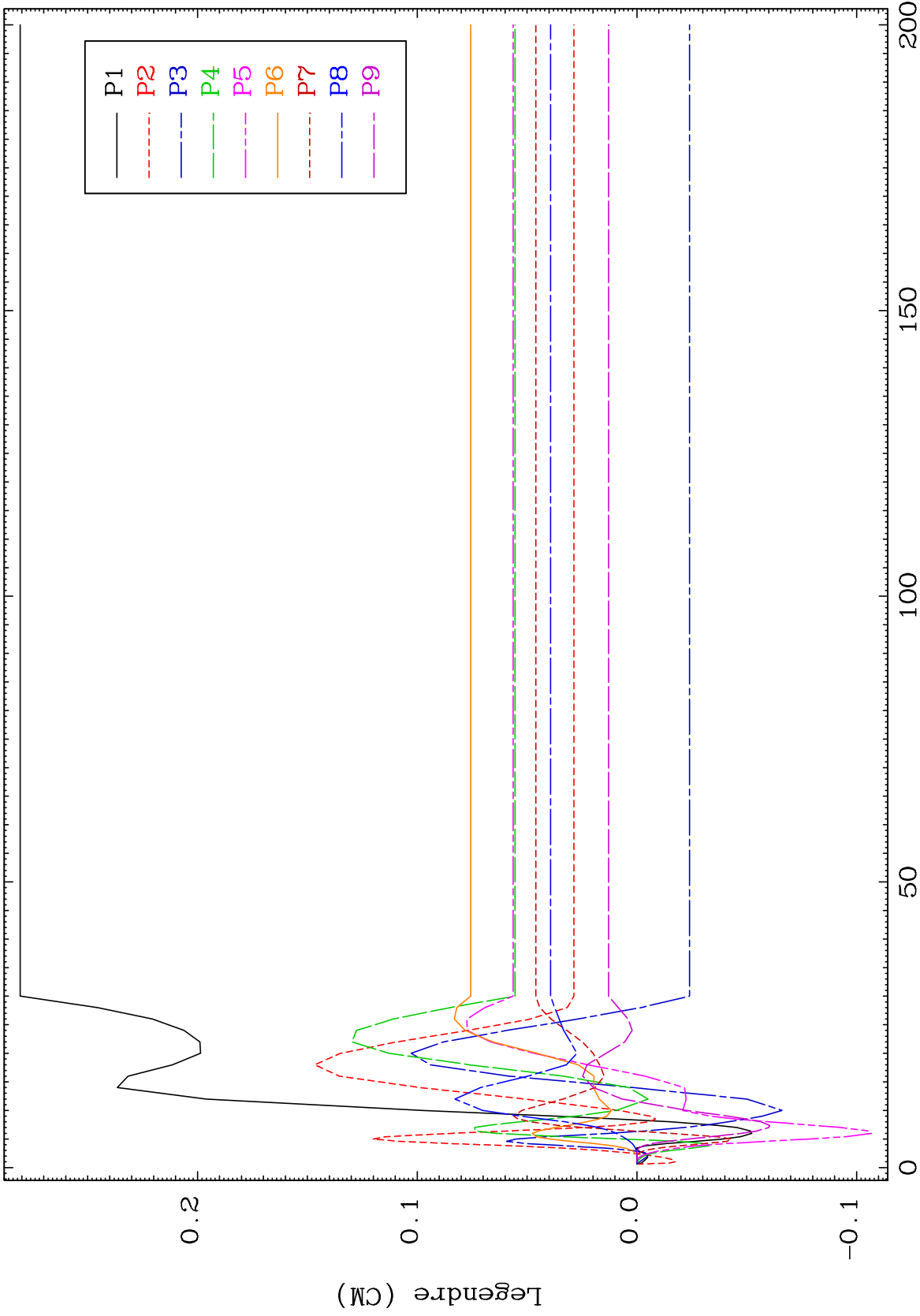
57-La-130



MAT 5701

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

57-La-130

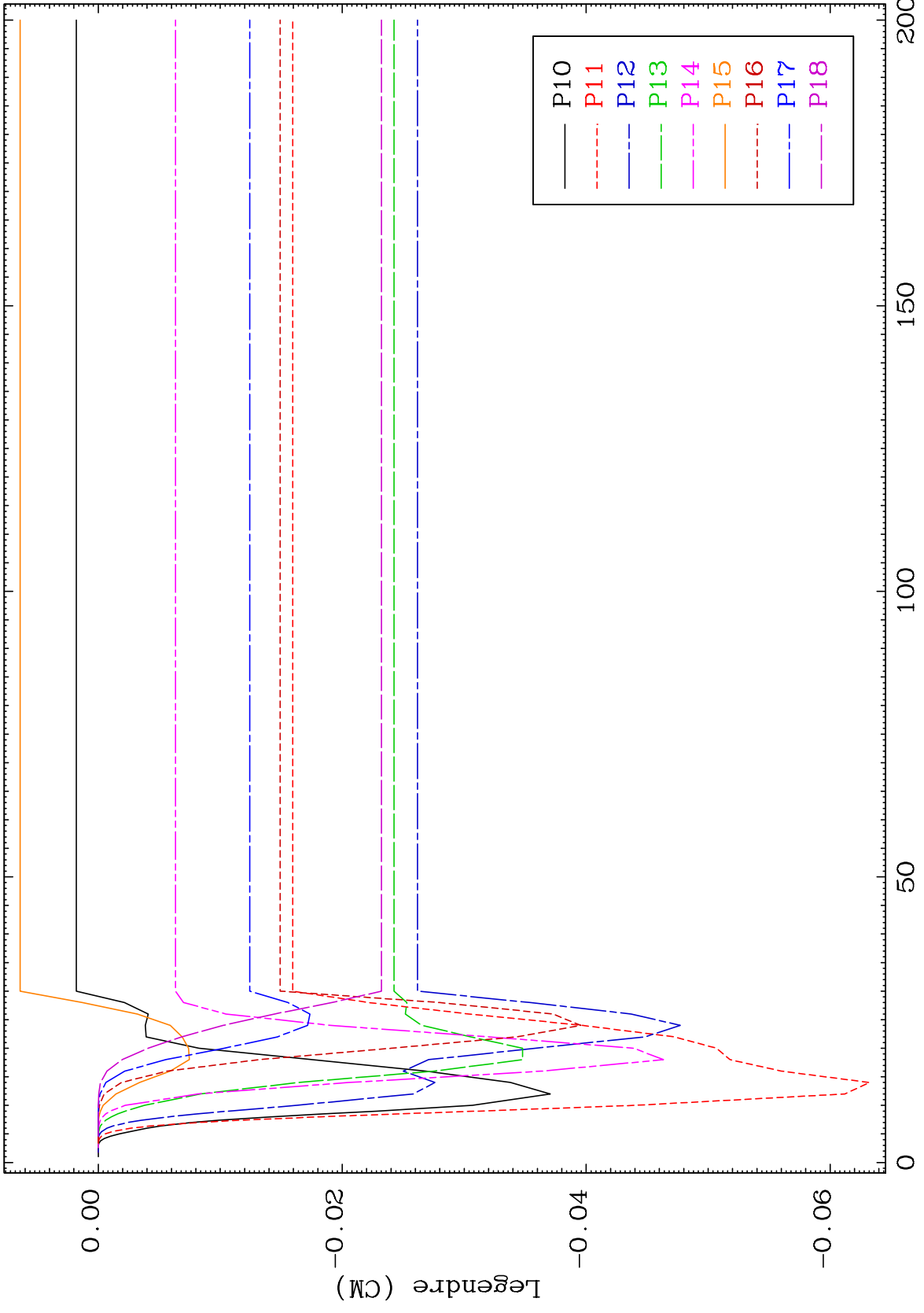


78

Incident Energy (MeV)

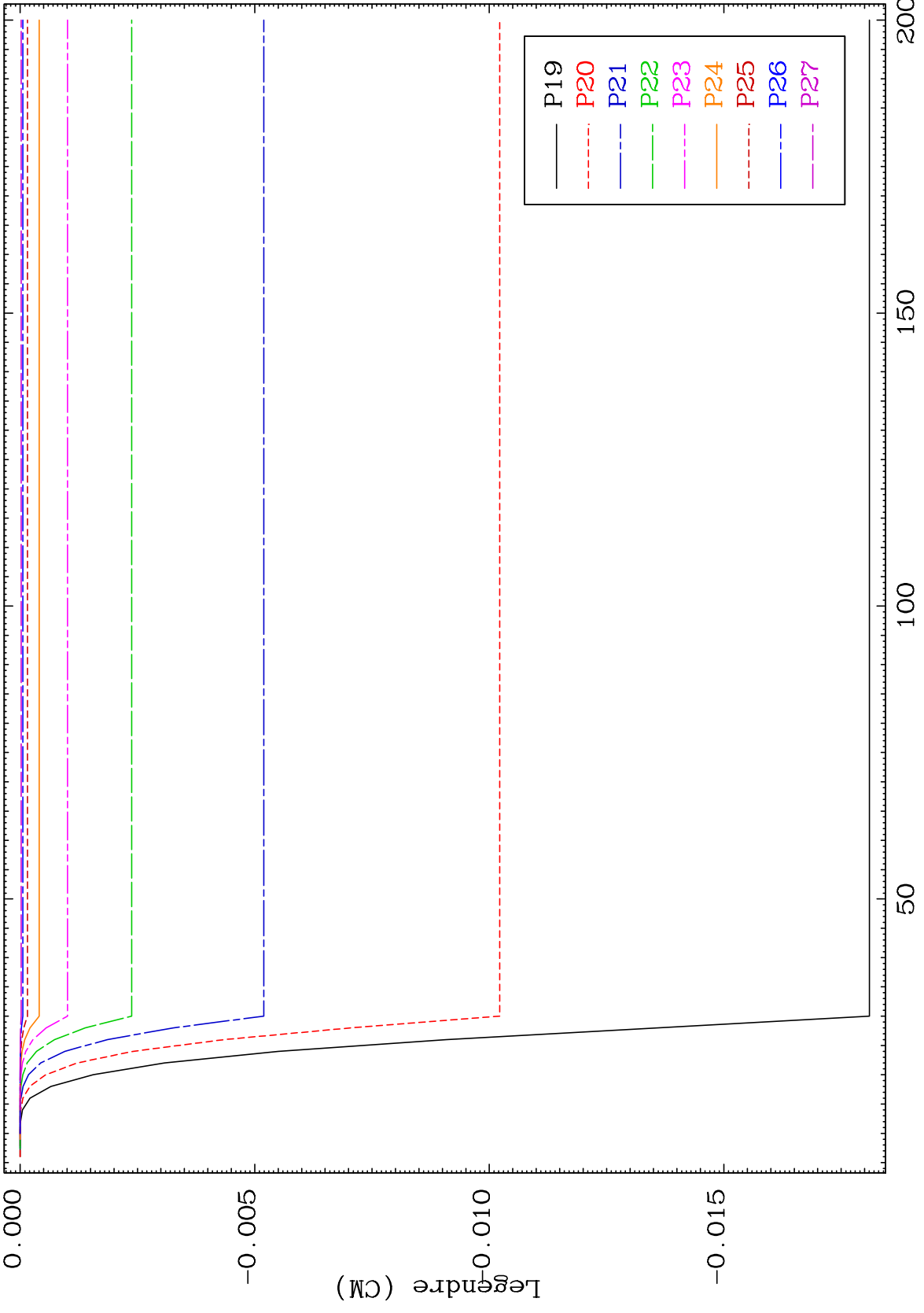
57-La-130

MAT 5701 MT= 69 (n,n') Level Legendre Coefficients 57-La-130



79 57-La-130

MAT 5701 MT= 69 (n,n') Level Legendre Coefficients 57-La-130

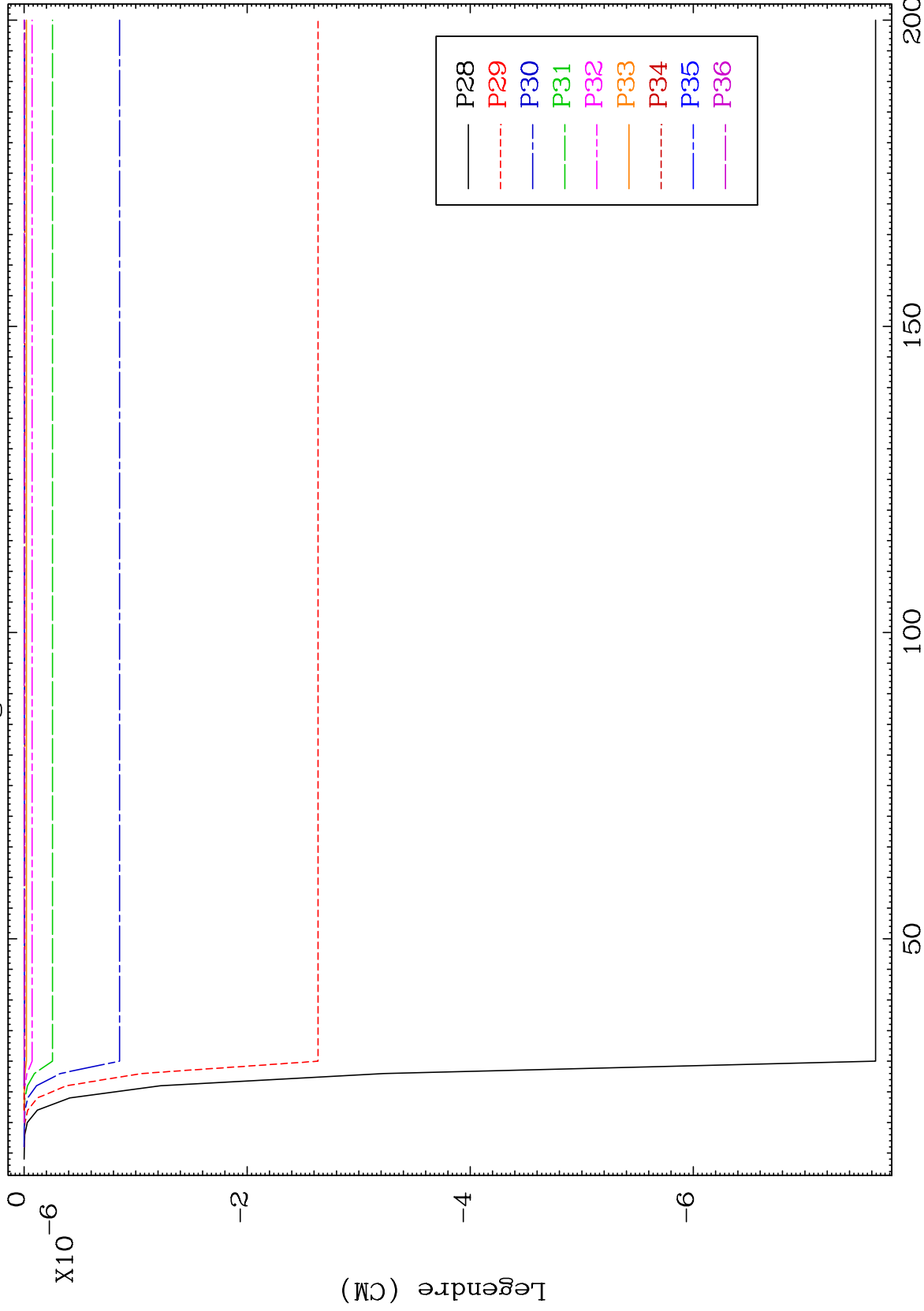


80 50 100 150 200 Incident Energy (MeV) 57-La-130

MAT 5701

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

57-La-130



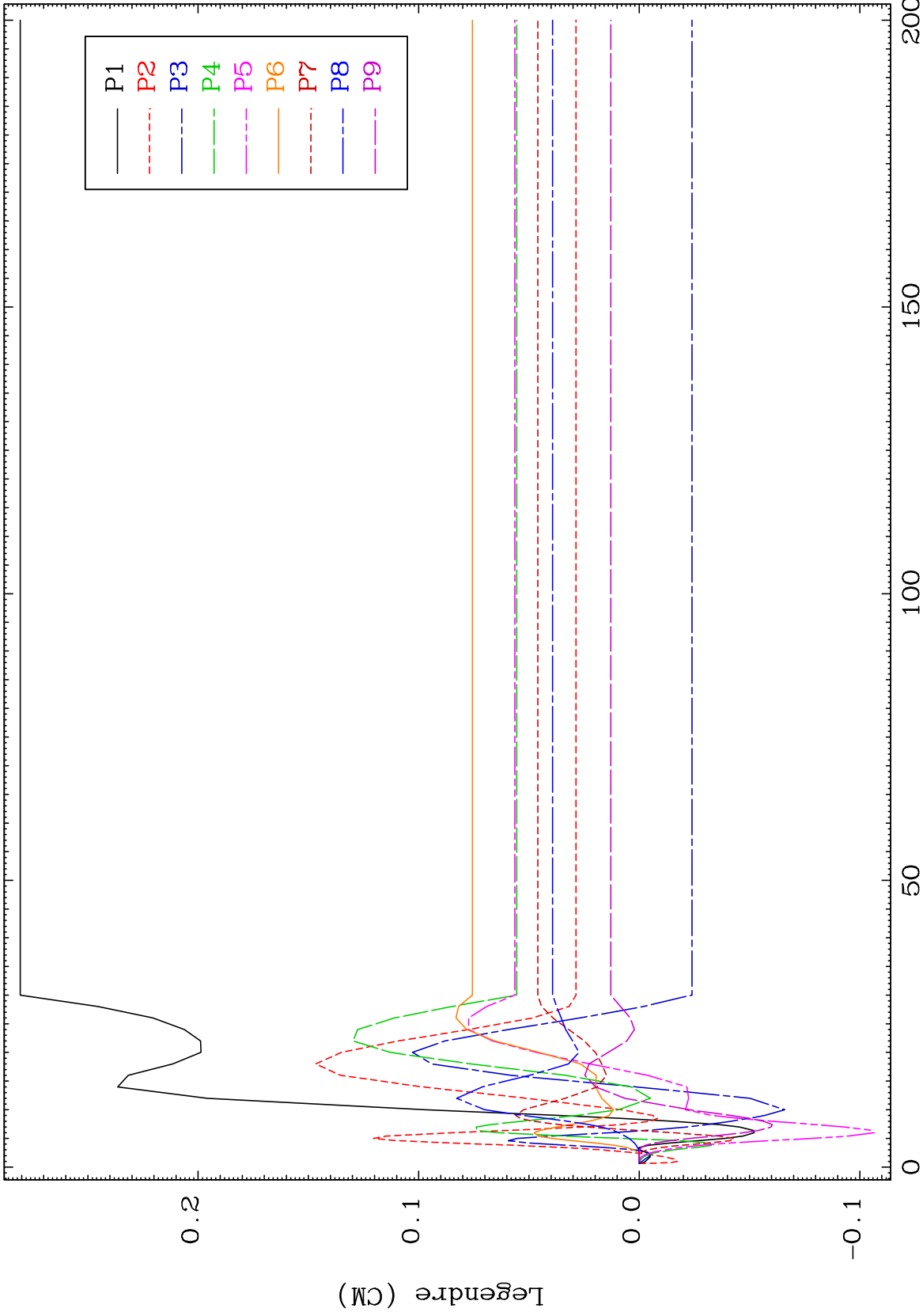
81

57-La-130

MAT 5701

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

57-La-130

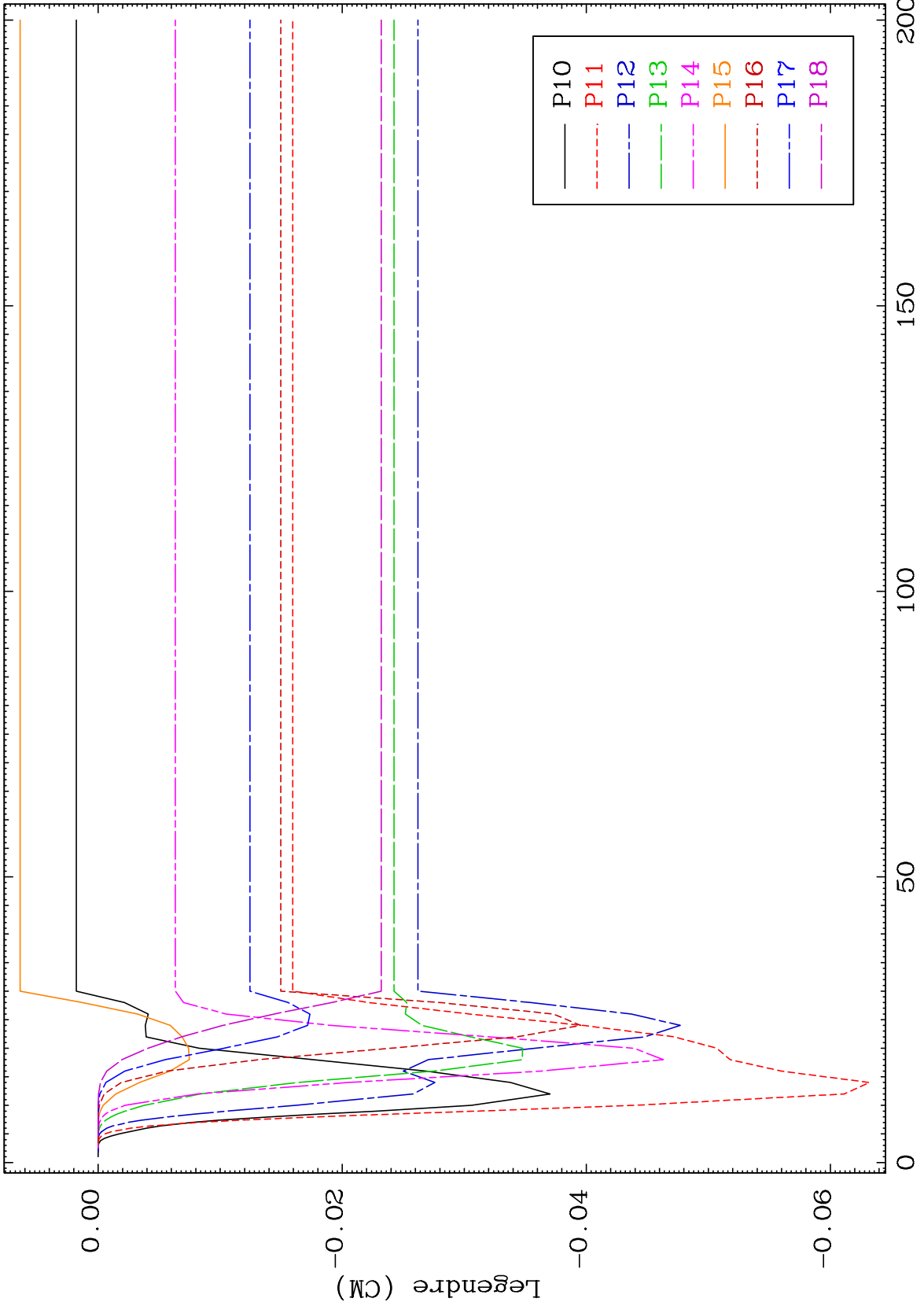


82

Incident Energy (MeV)

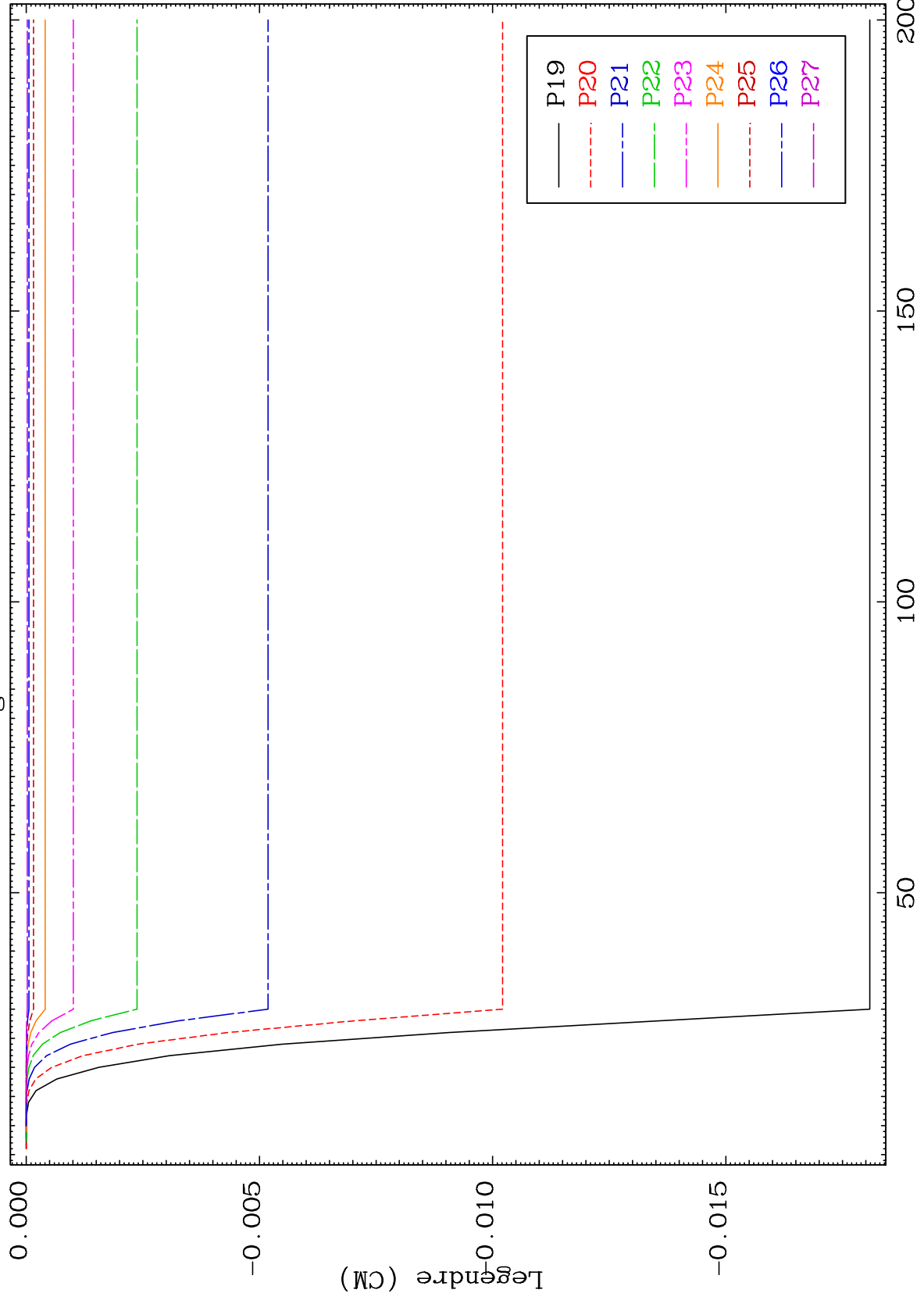
57-La-130

MAT 5701 MT= 70 (n,n') Level Legendre Coefficients 57-La-130



83 57-La-130

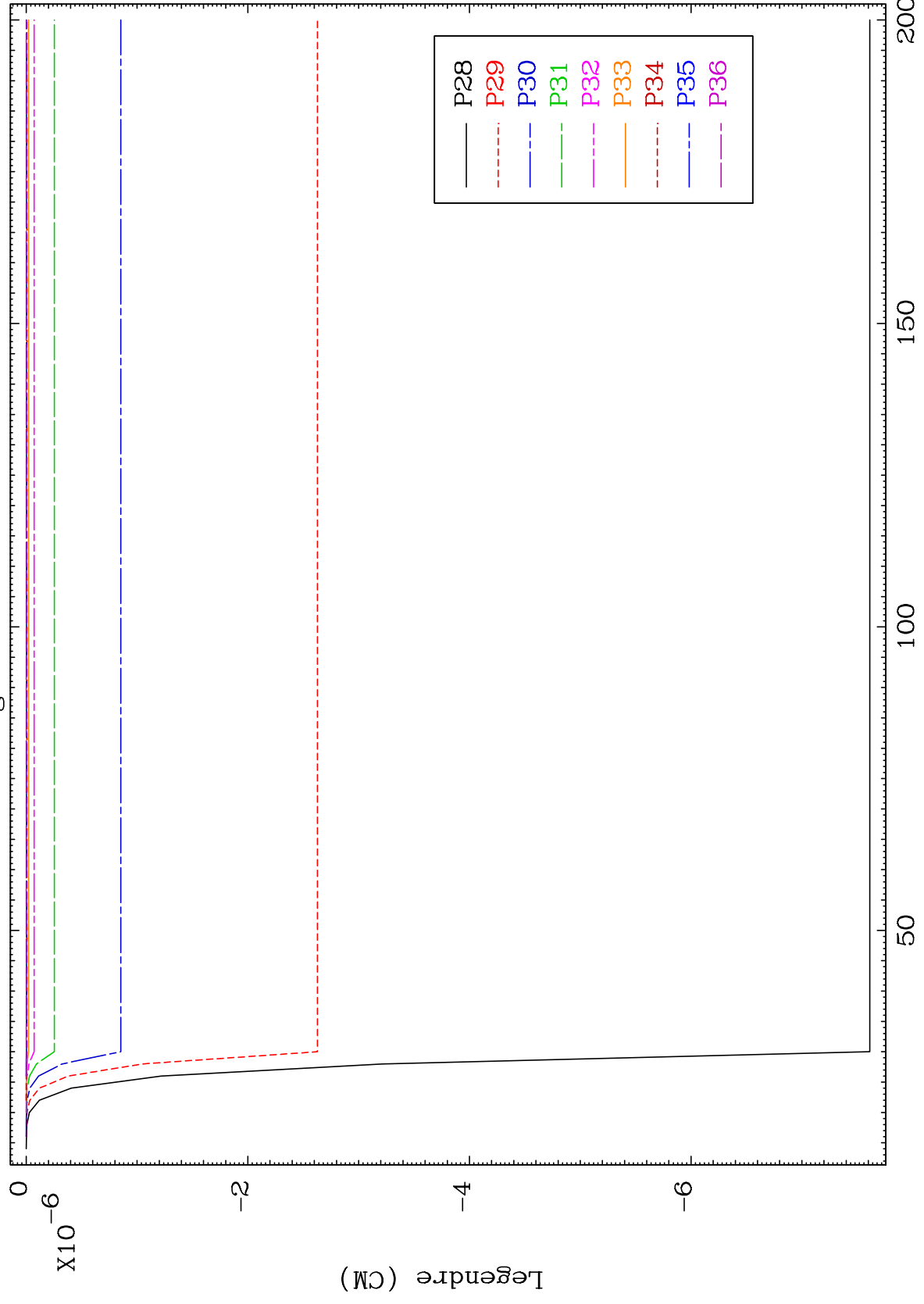
MAT 5701 MT= 70 (n,n') Level Legendre Coefficients 57-La-130



MAT 5701

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

57-La-130

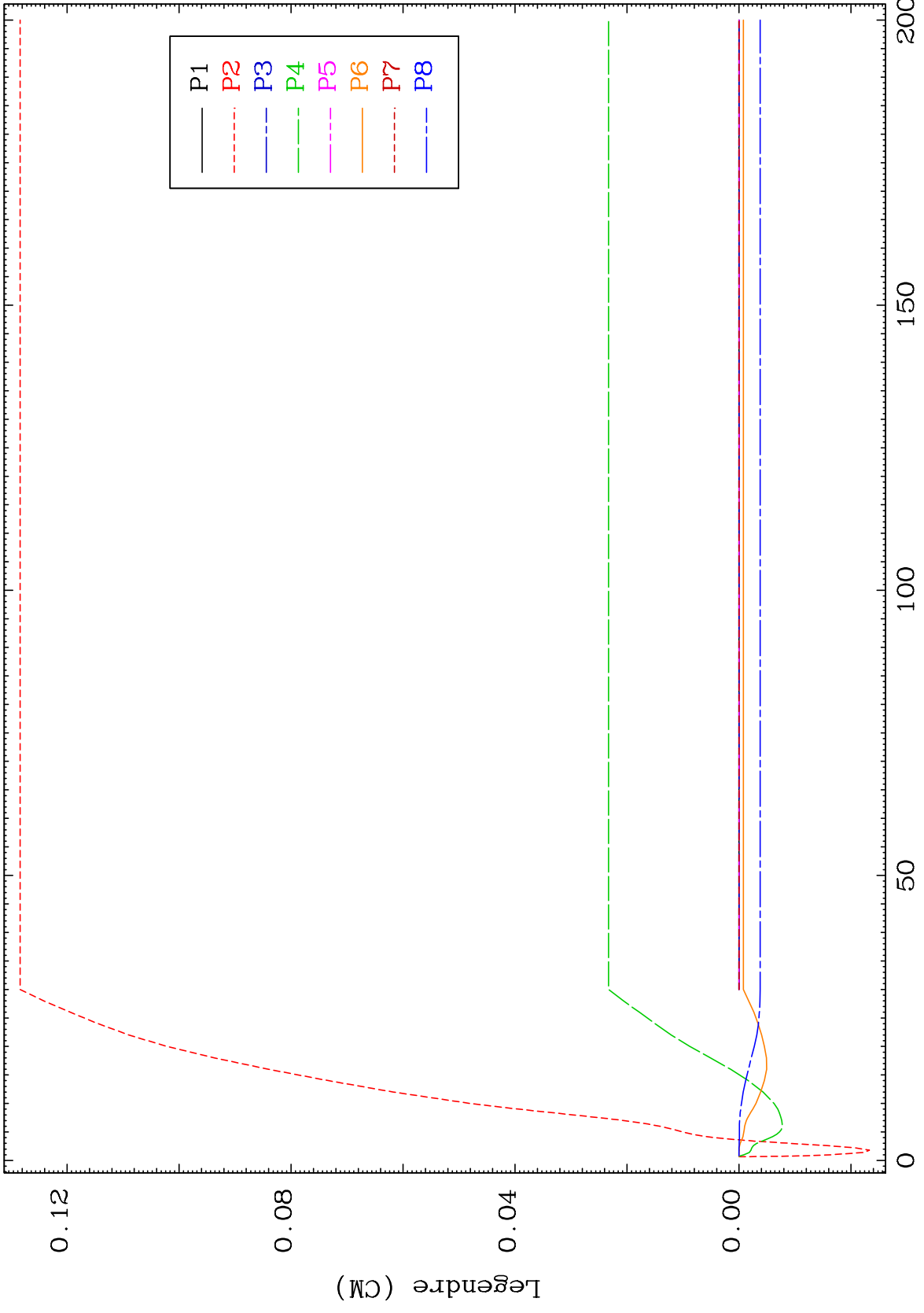


57-La-130

Incident Energy (MeV)

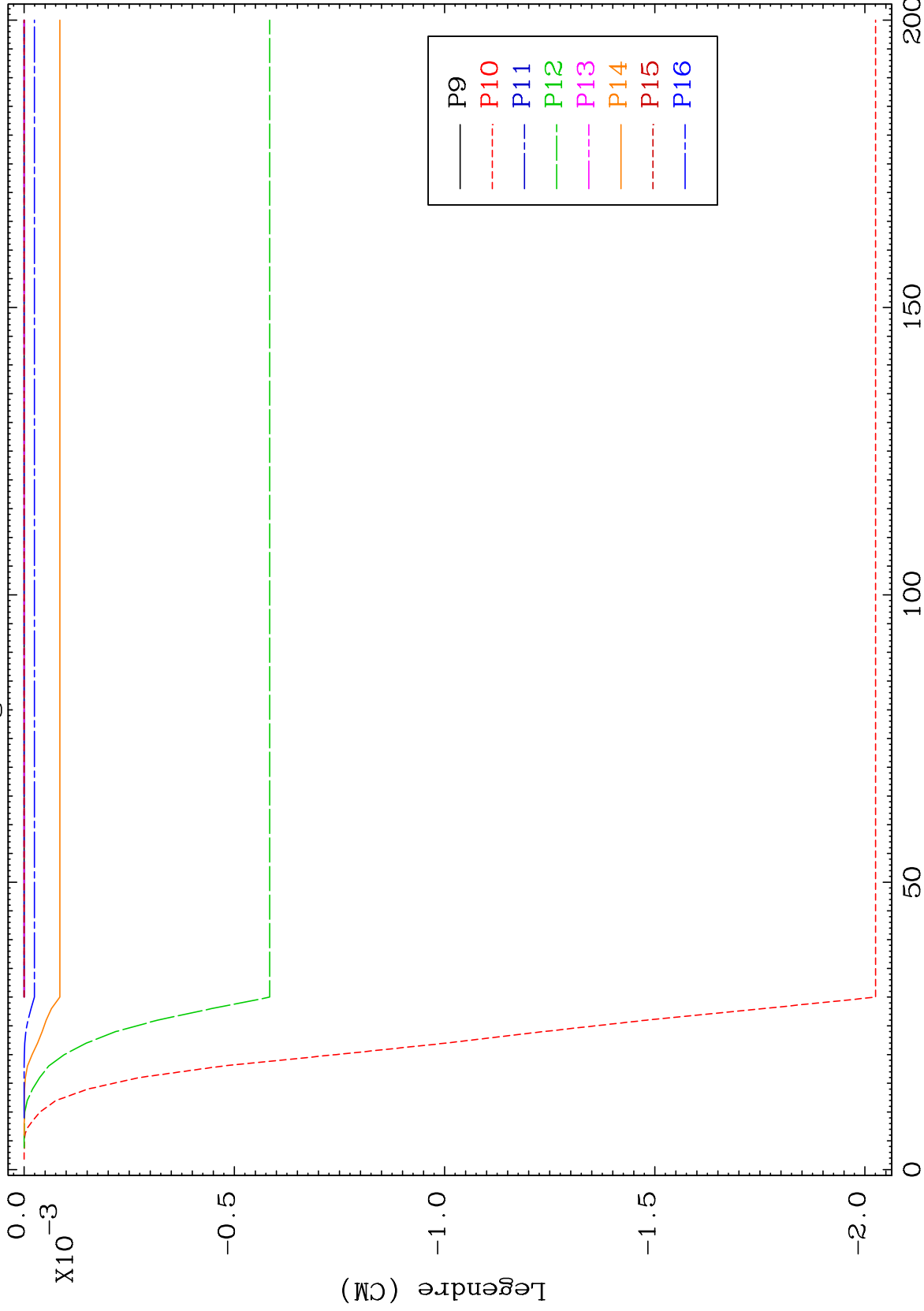
85

MAT 5701 MT= 71 (n,n') Level Legendre Coefficients 57-La-130



86 57-La-130

MAT 5701 MT= 71 (n,n') Level Legendre Coefficients 57-La-130

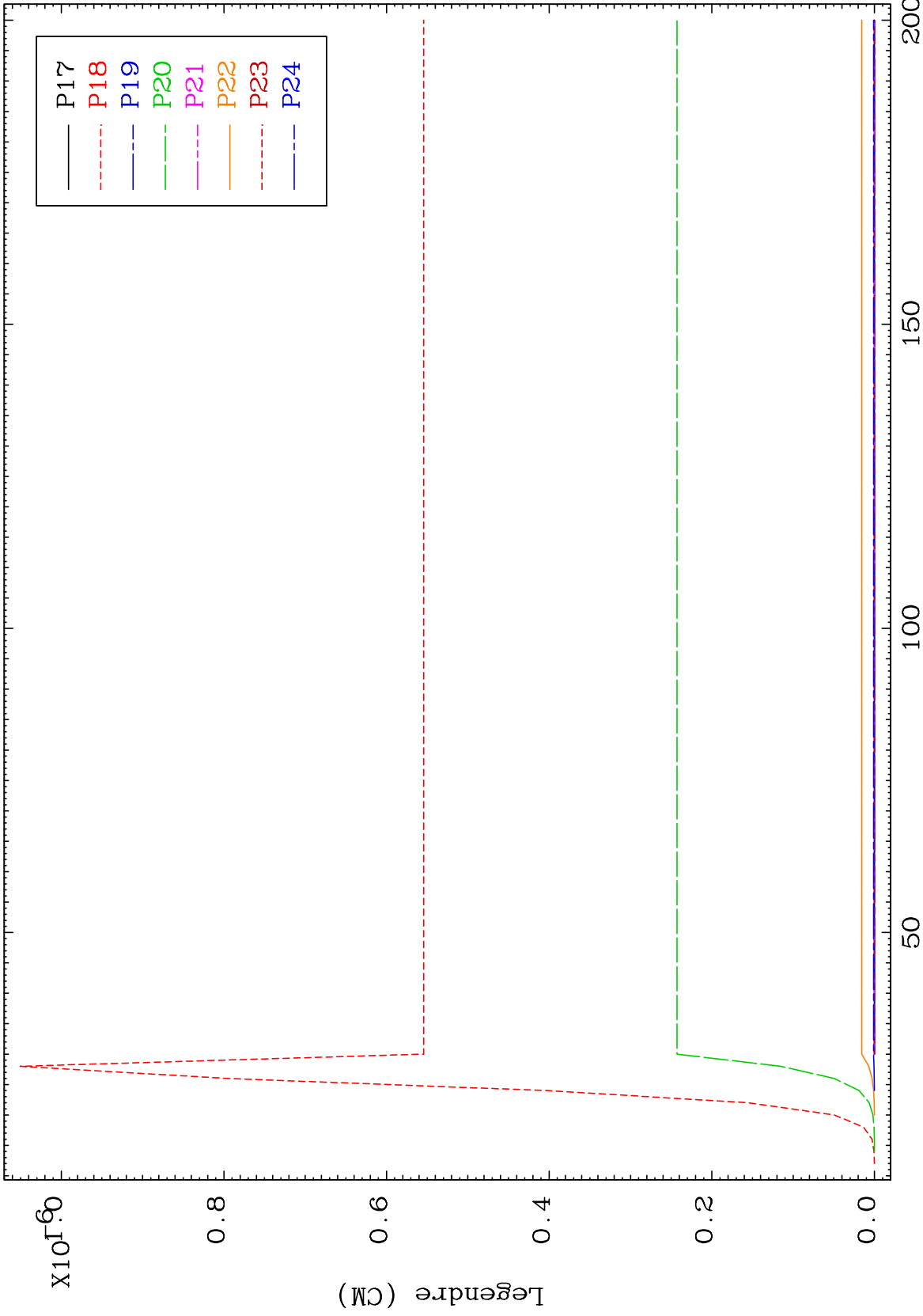


87 57-La-130

MAT 5701

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

57-La-130

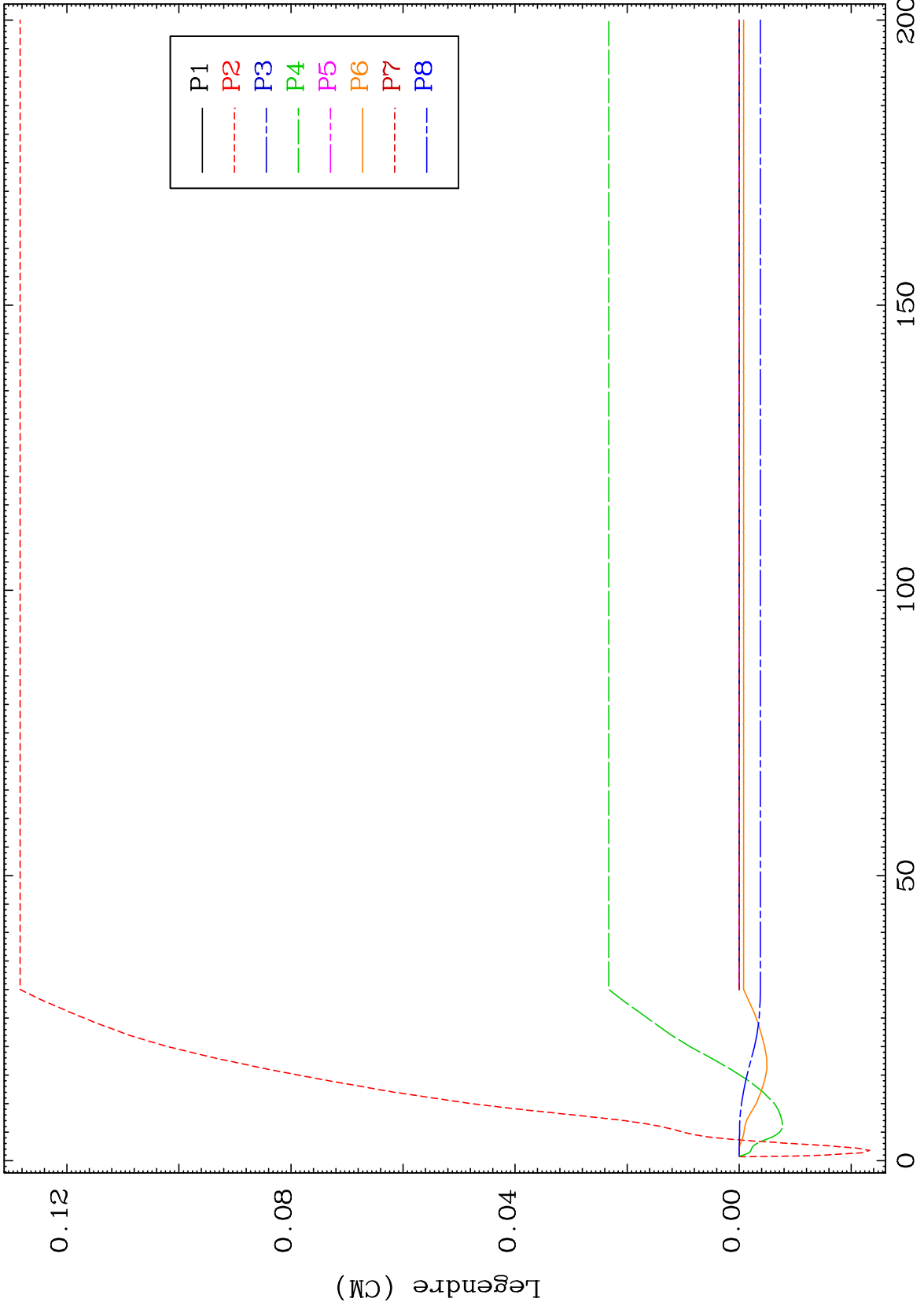


88

Incident Energy (MeV)

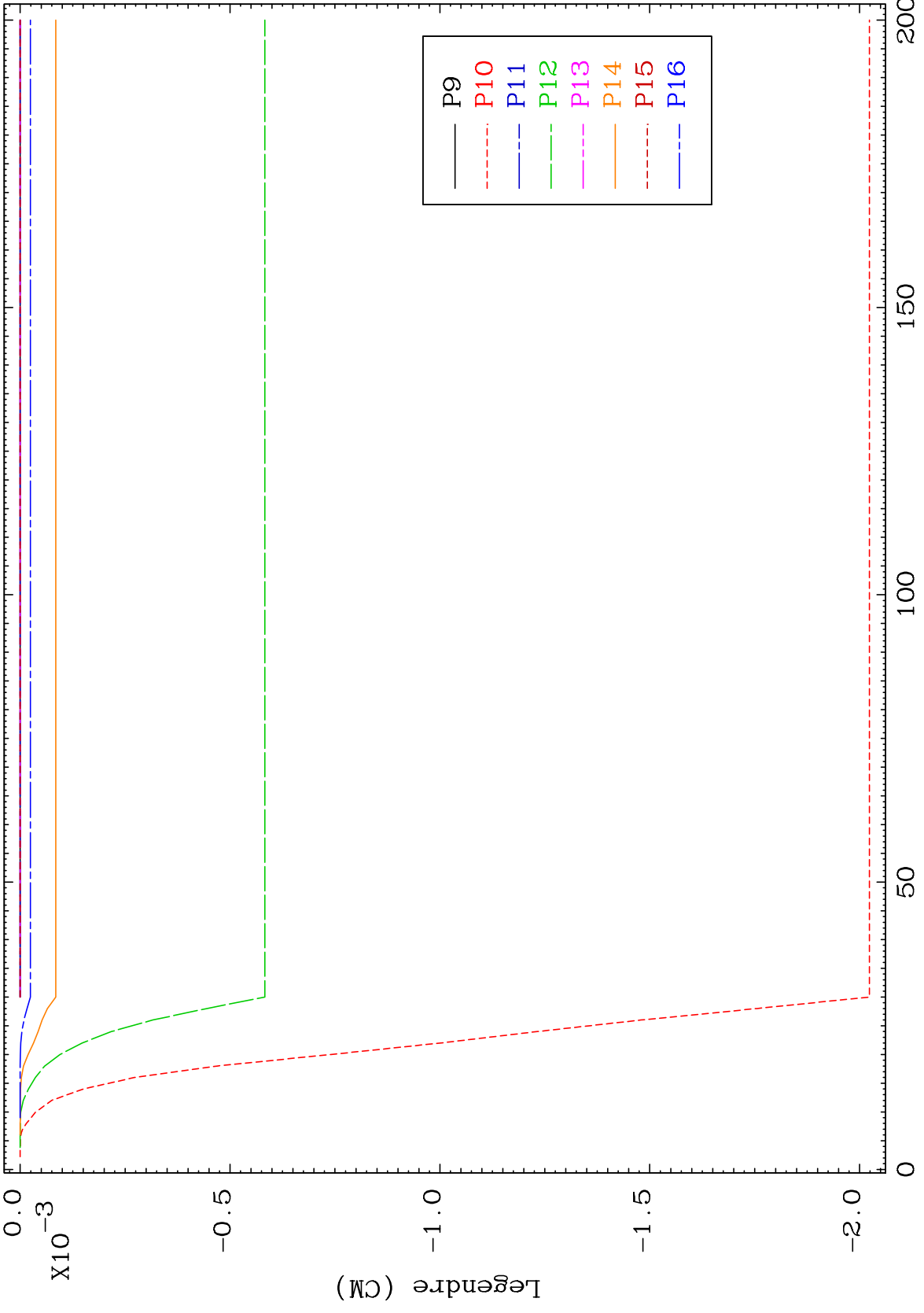
57-La-130

MAT 5701 MT= 72 (n,n') Level Legendre Coefficients 57-La-130



89 57-La-130

MAT 5701 MT= 72 (n,n') Level Legendre Coefficients 57-La-130

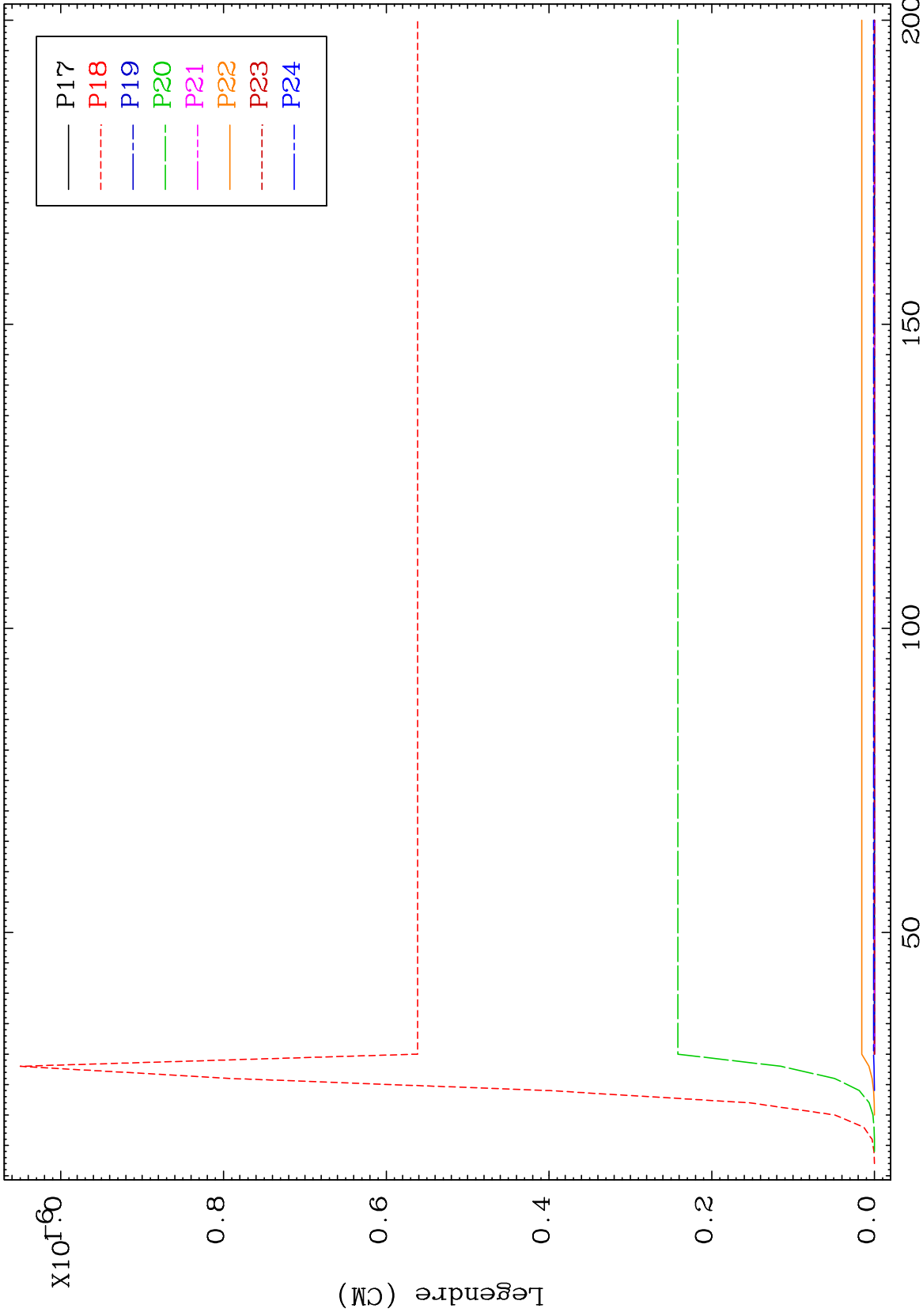


90 Incident Energy (MeV) 57-La-130

MAT 5701

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

57-La-130



91

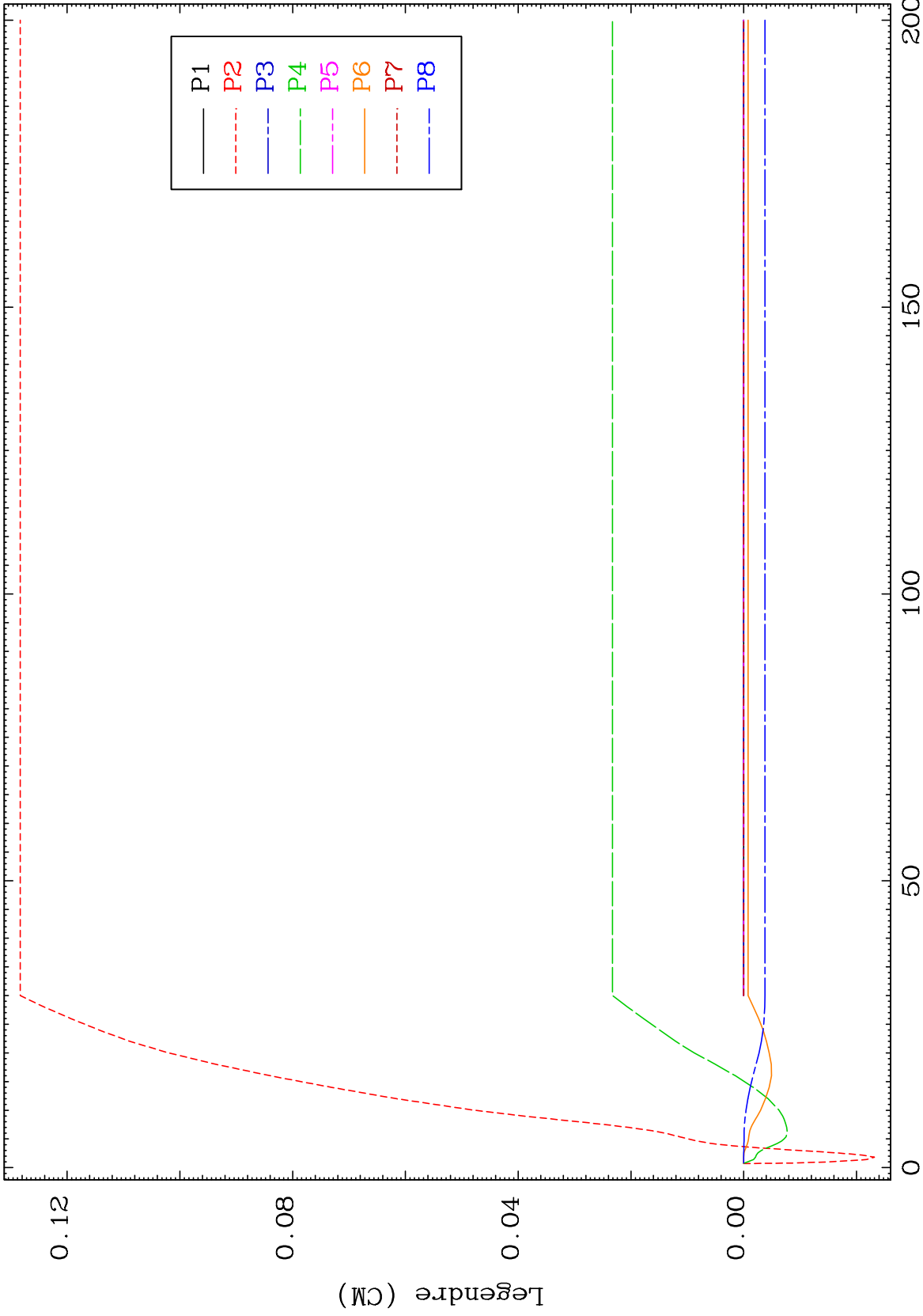
Incident Energy (MeV)

57-La-130

MAT 5701

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

57-La-130

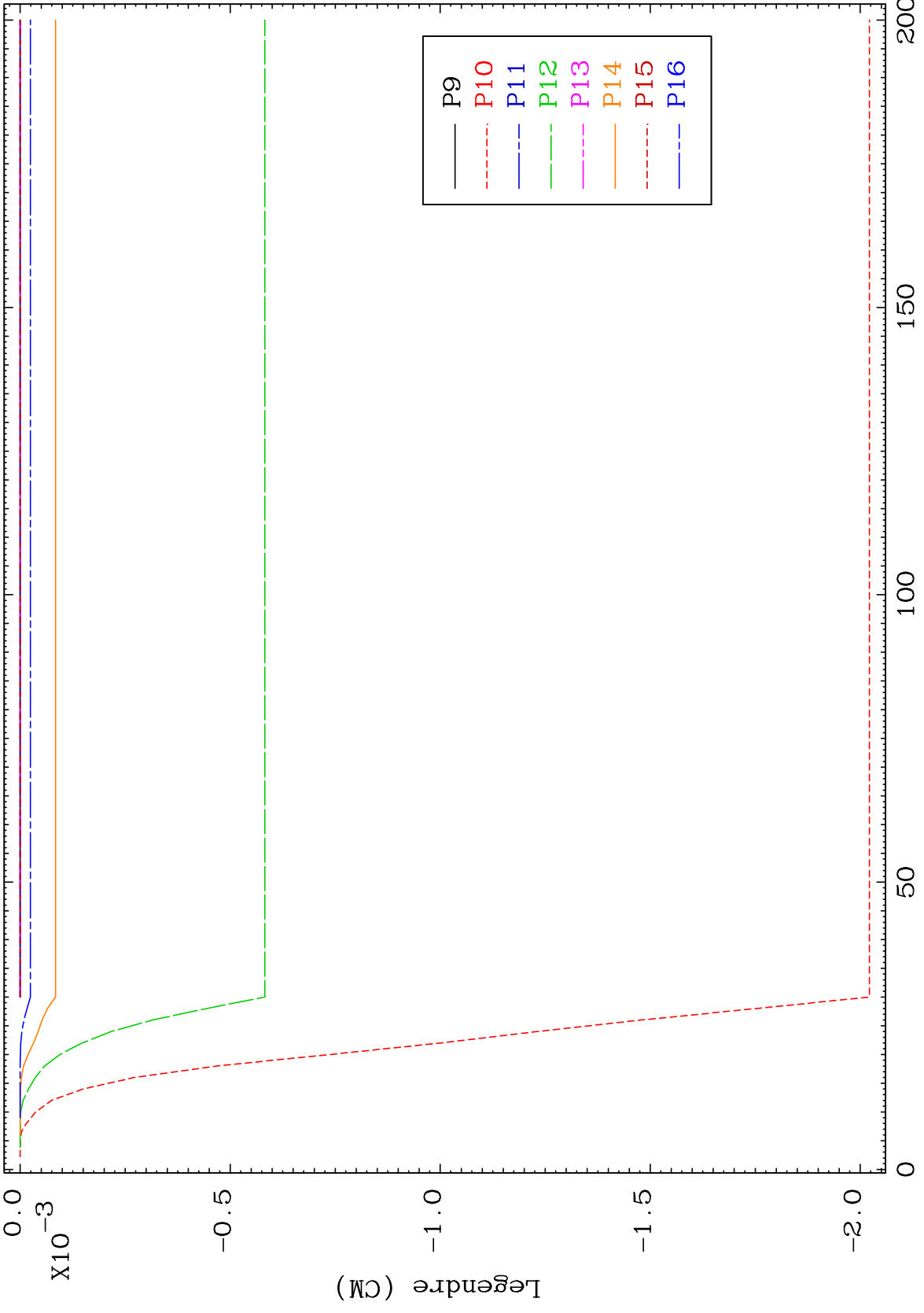


92

Incident Energy (MeV)

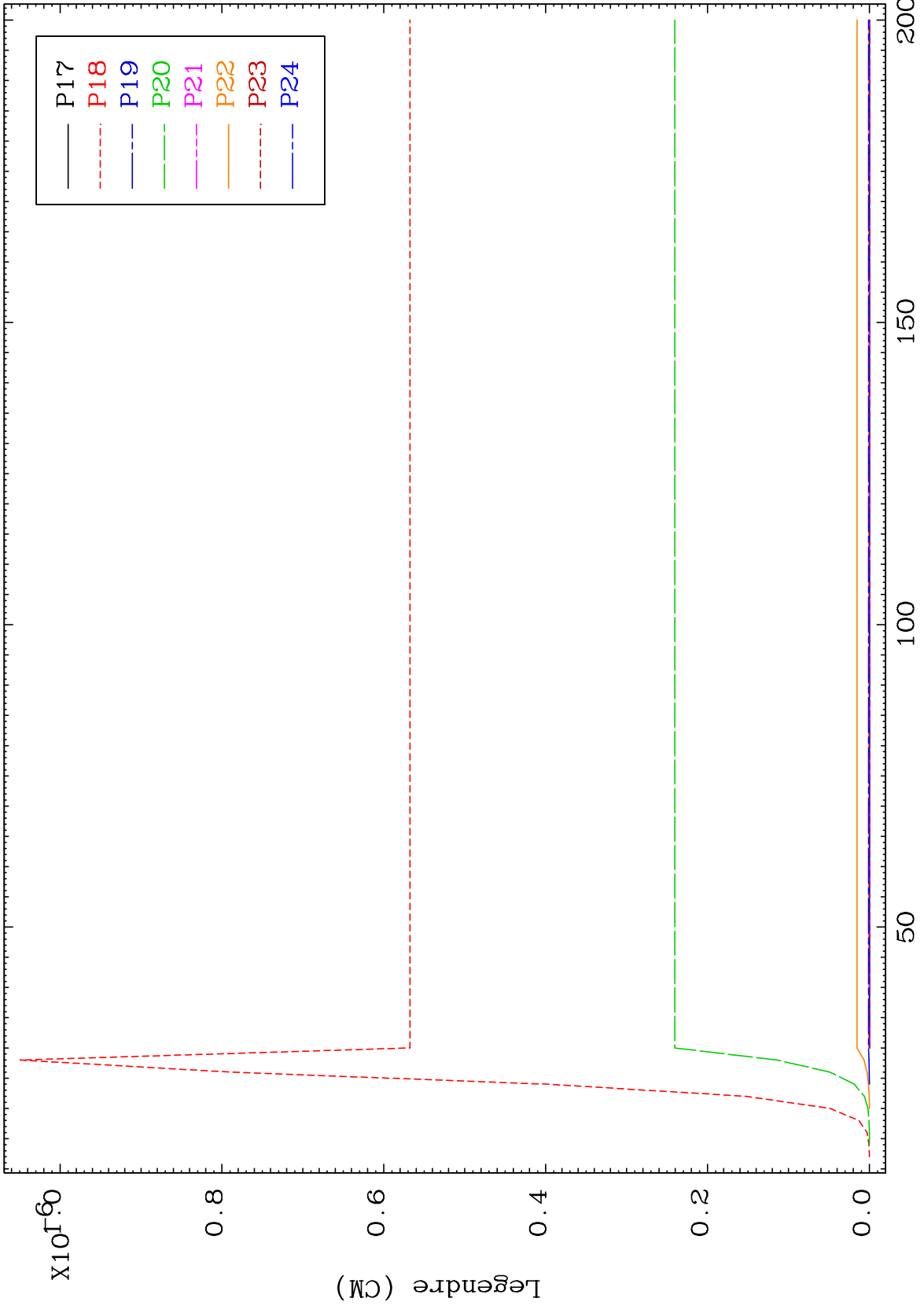
57-La-130

MAT 5701 MT= 73 (n,n') Level Legendre Coefficients 57-La-130



93 57-La-130

MAT 5701 MT= 73 (n,n') Level Legendre Coefficients 57-La-130

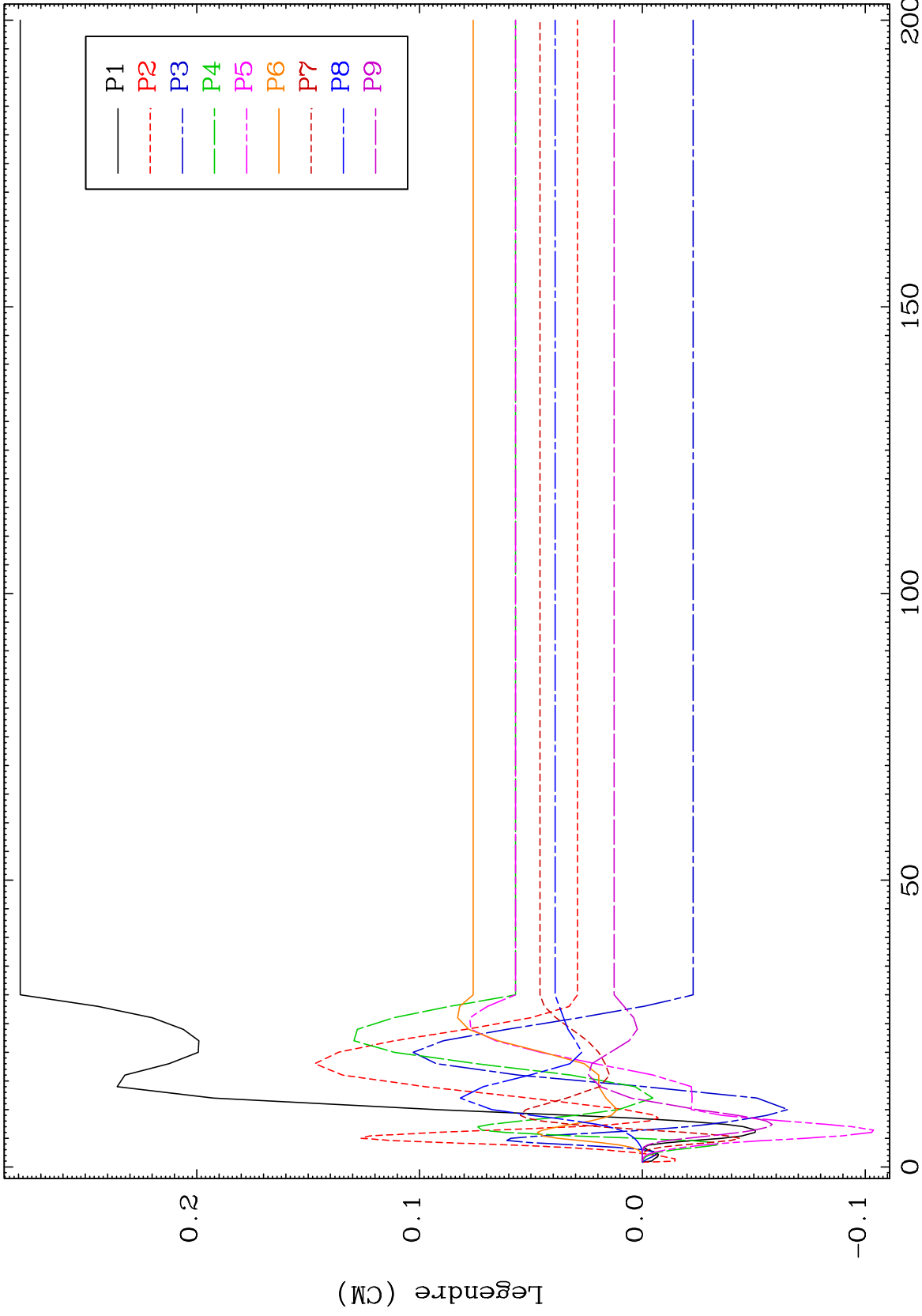


94 57-La-130

MAT 5701

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

57-La-130

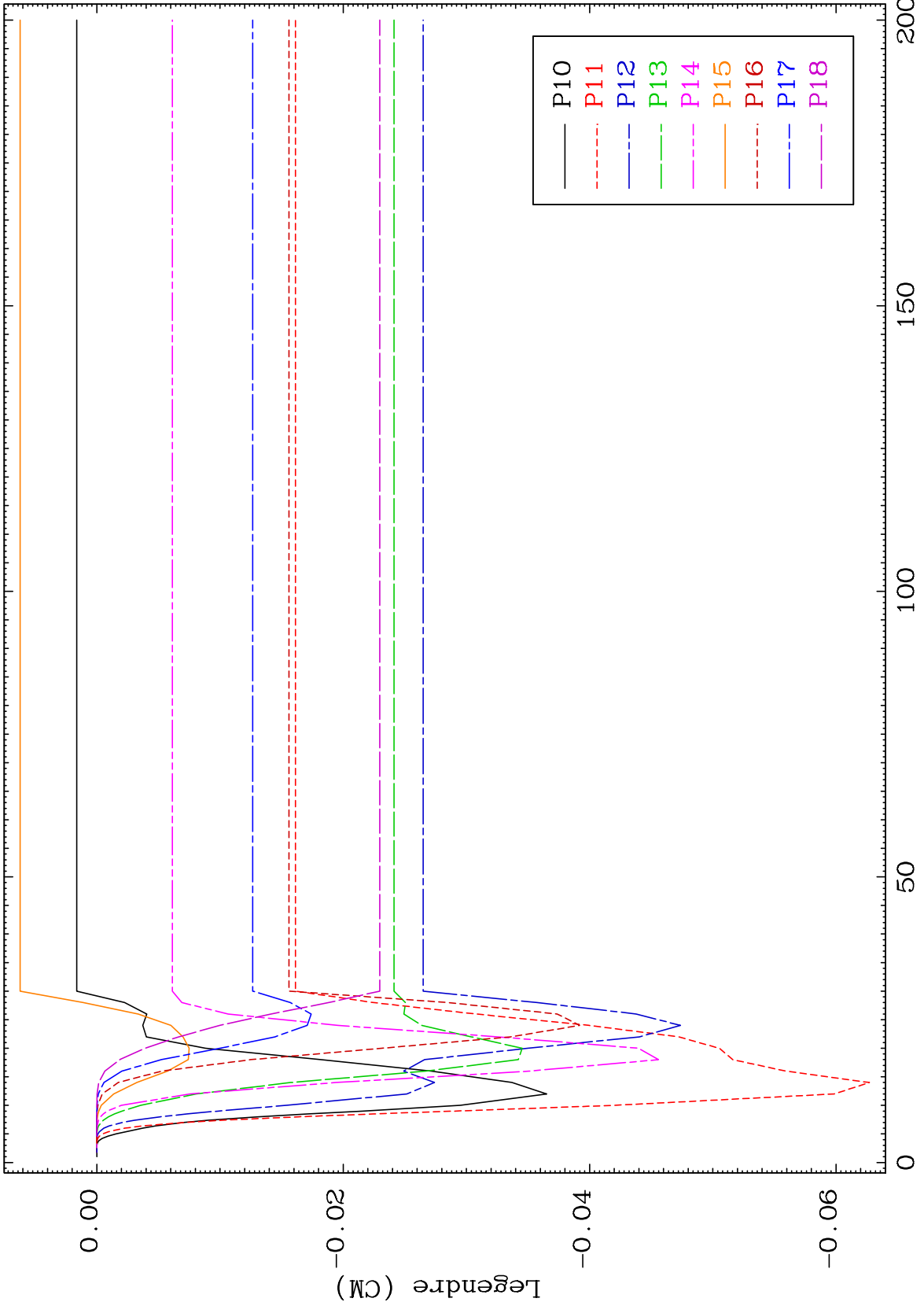


95

Incident Energy (MeV)

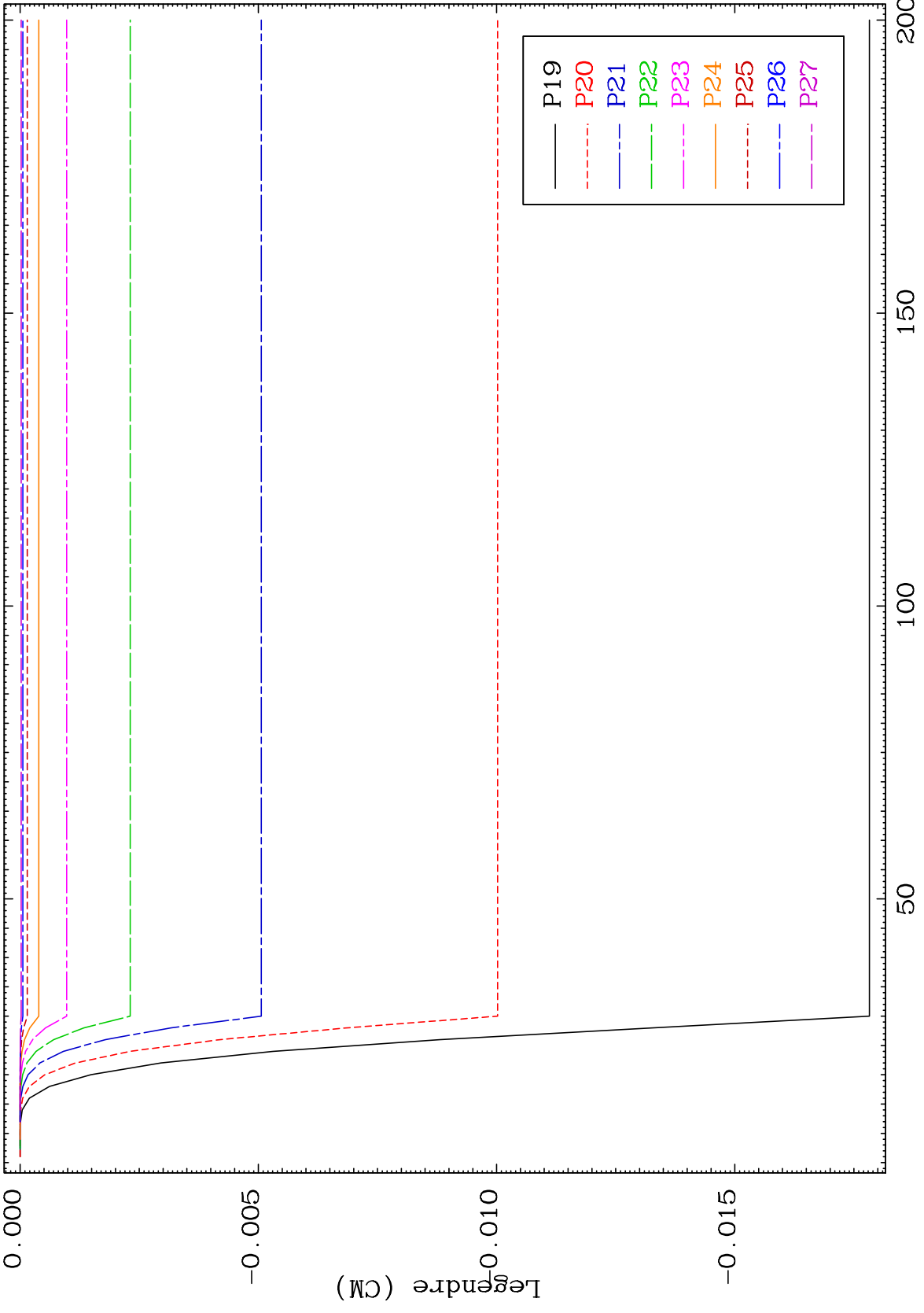
57-La-130

MAT 5701 MT= 74 (n,n') Level Legendre Coefficients 57-La-130



96 57-La-130

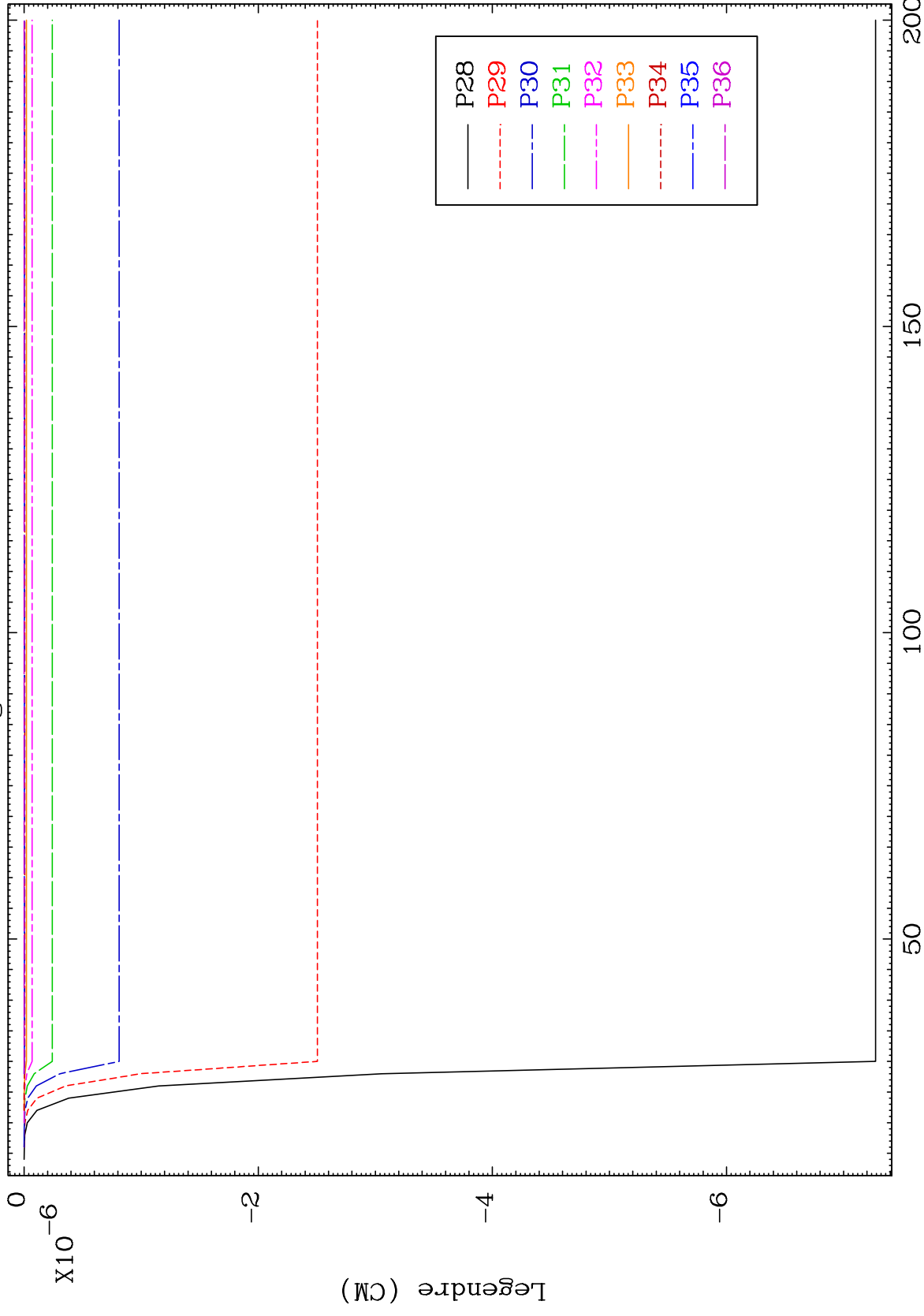
MAT 5701 MT= 74 (n,n') Level Legendre Coefficients 57-La-130



MAT 5701

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

57-La-130



57-La-130

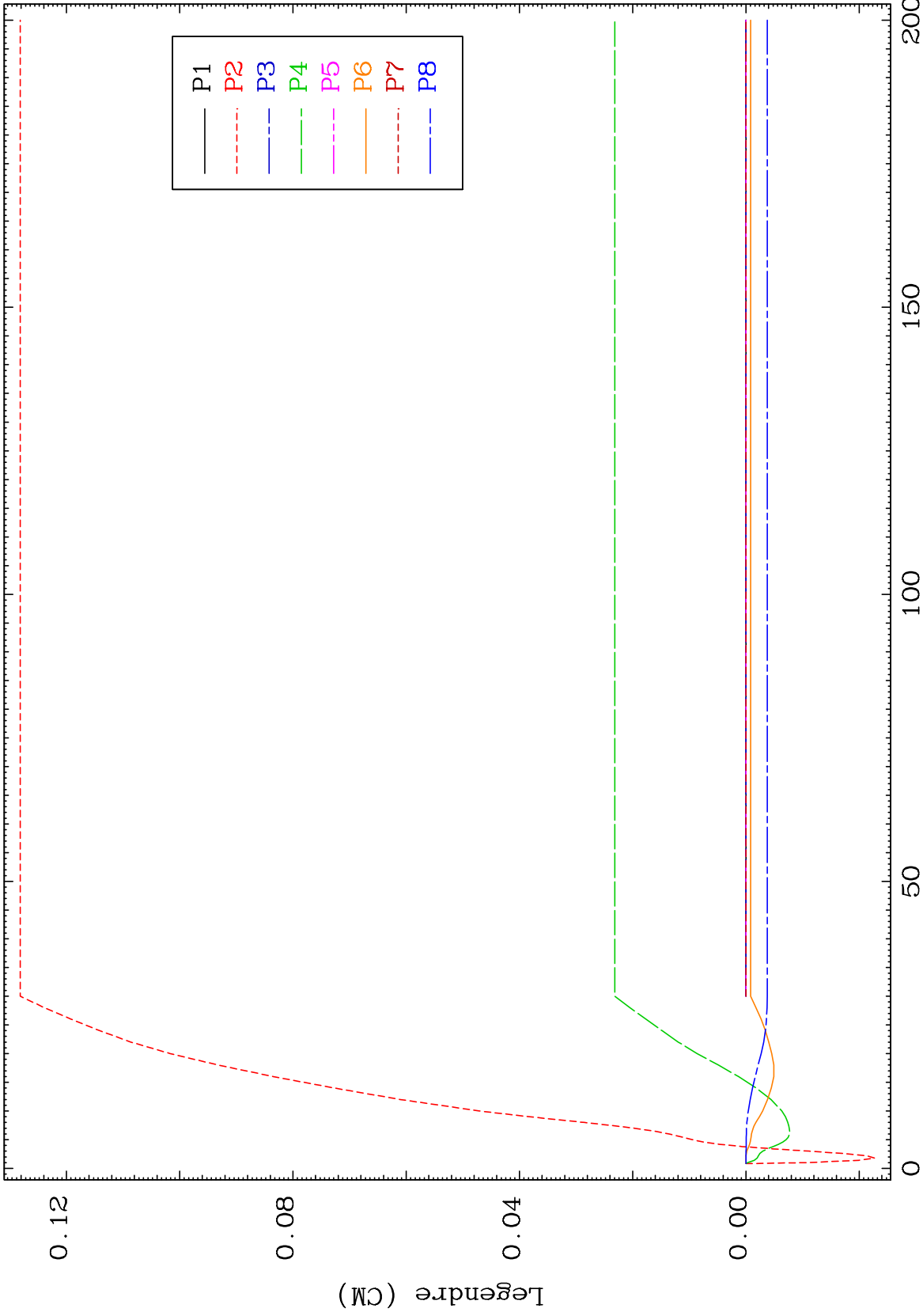
Incident Energy (MeV)

98

MAT 5701

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

57-La-130

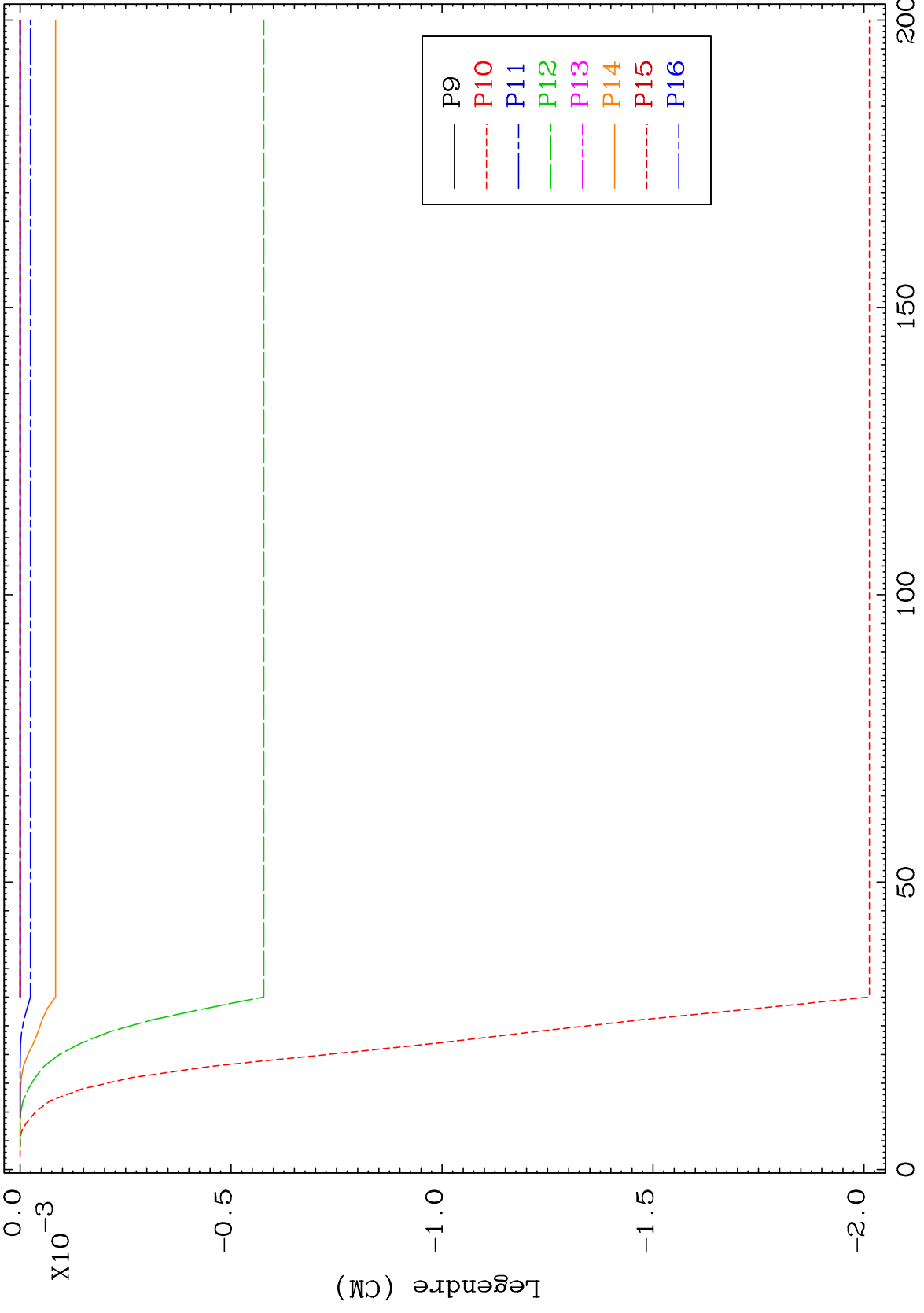


99

Incident Energy (MeV)

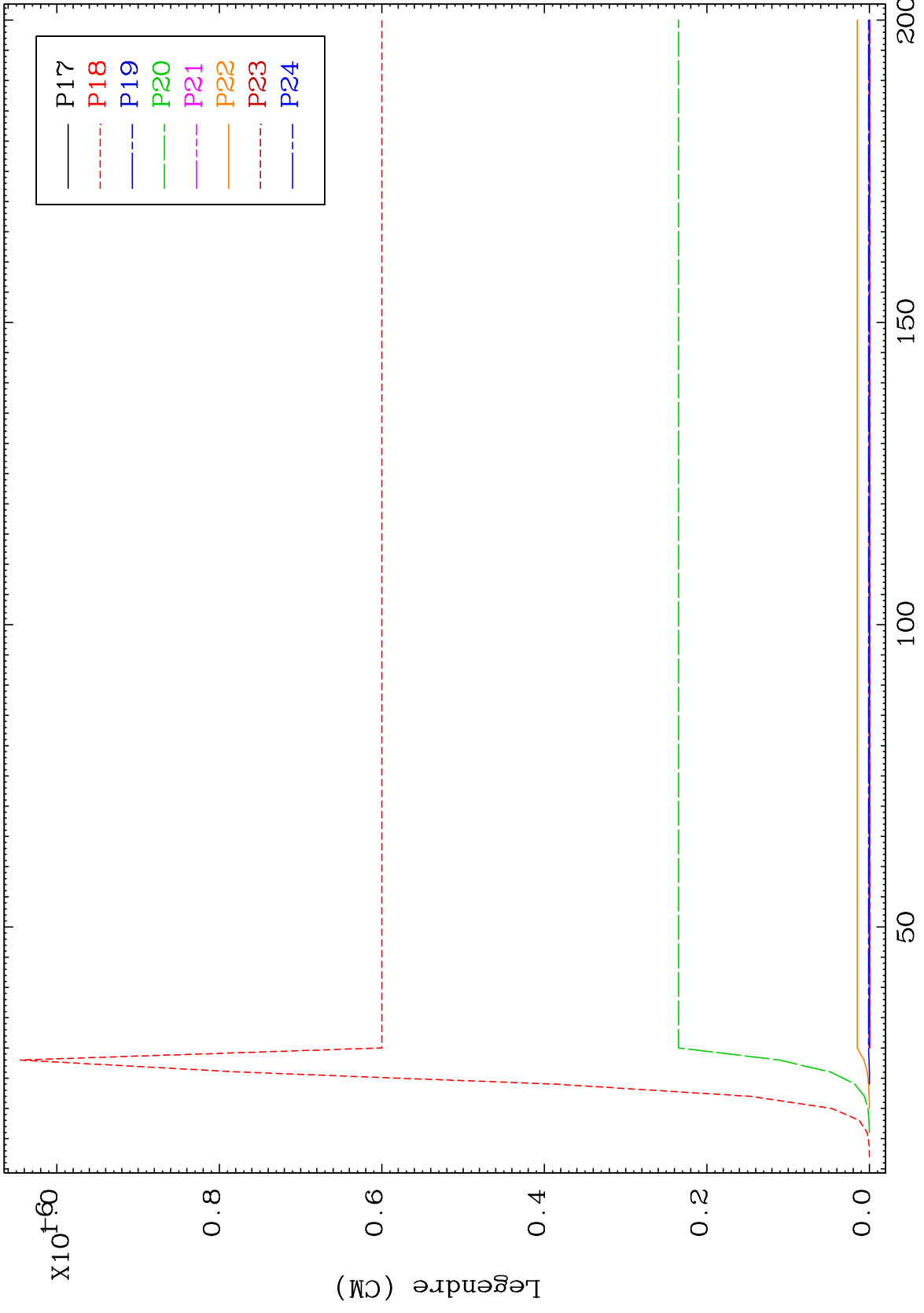
57-La-130

MAT 5701 MT= 75 (n,n') Level Legendre Coefficients 57-La-130



57-La-130

MAT 5701 MT= 75 (n,n') Level Legendre Coefficients 57-La-130

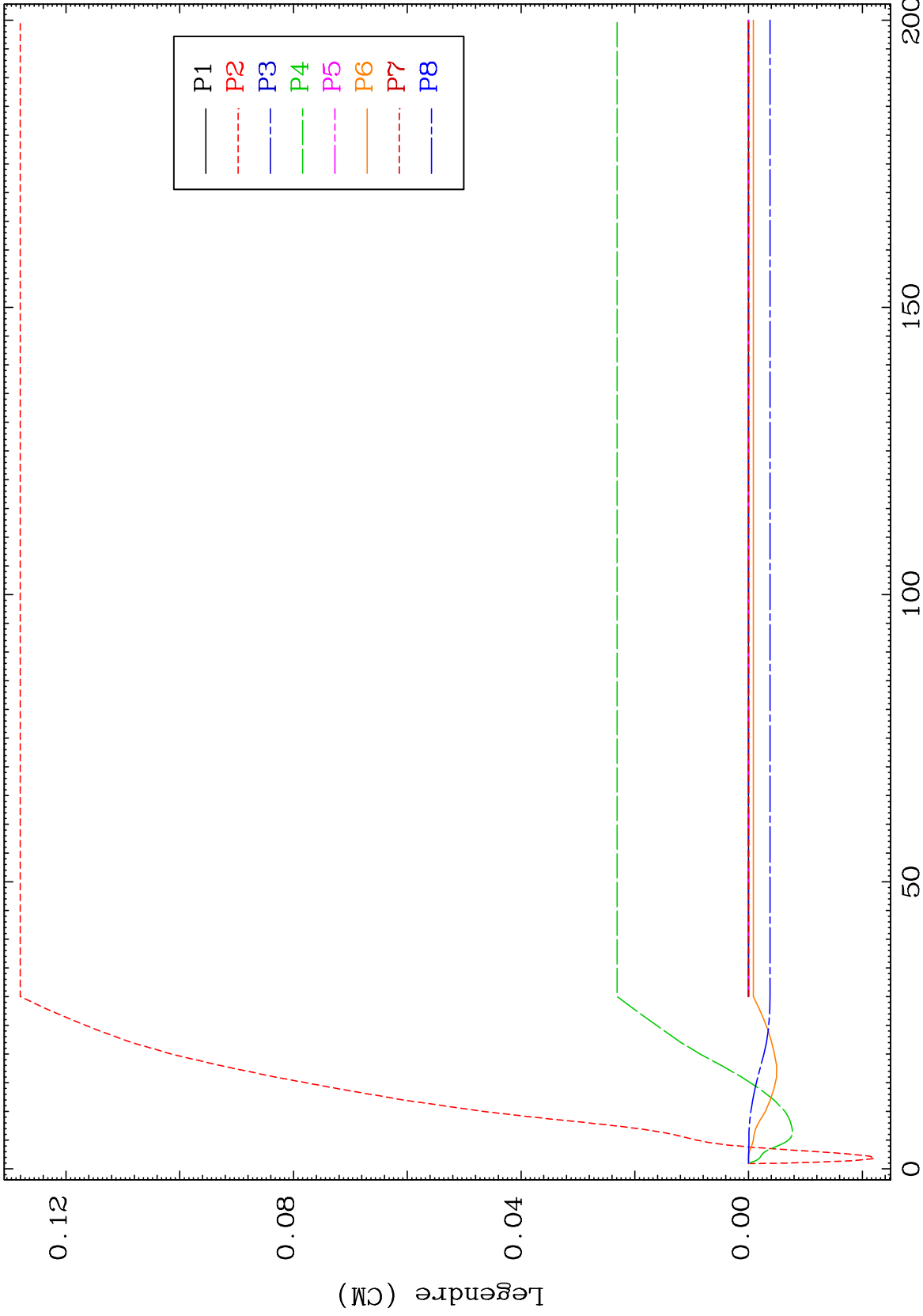


101 50 100 150 200 57-La-130

MAT 5701

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

57-La-130

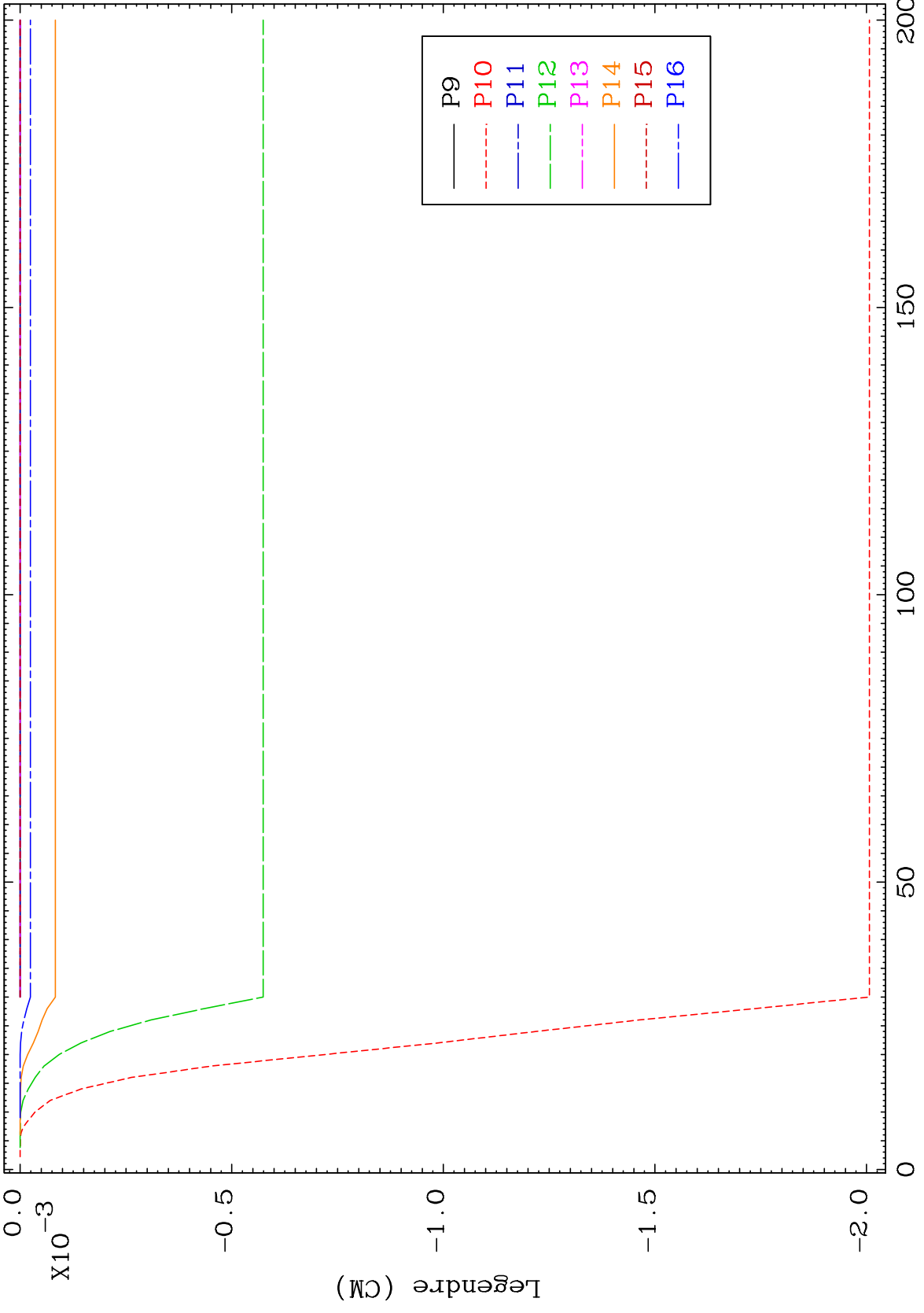


102

Incident Energy (MeV)

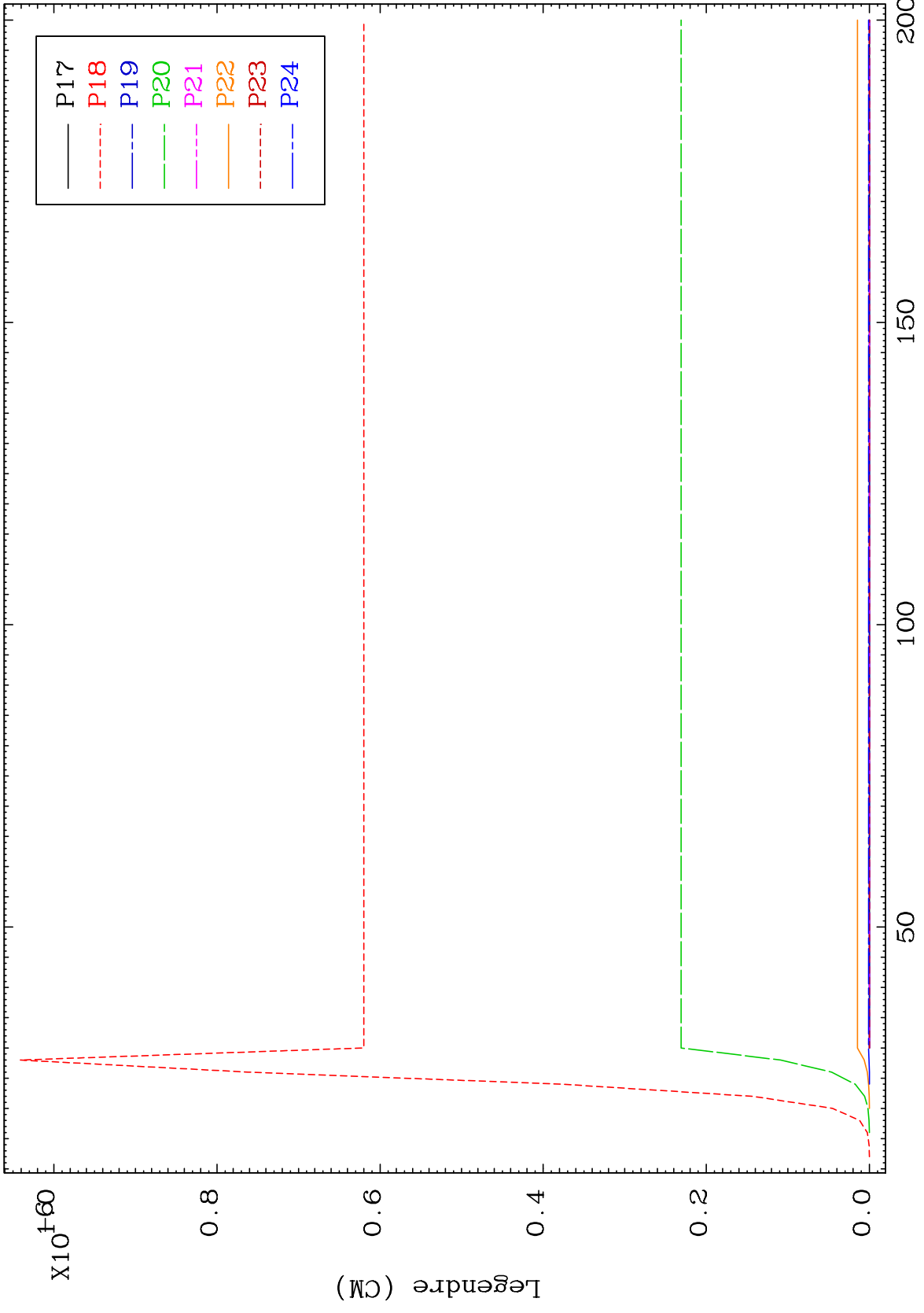
57-La-130

MAT 5701 MT= 76 (n,n') Level Legendre Coefficients 57-La-130



103 57-La-130

MAT 5701 MT= 76 (n,n') Level Legendre Coefficients 57-La-130

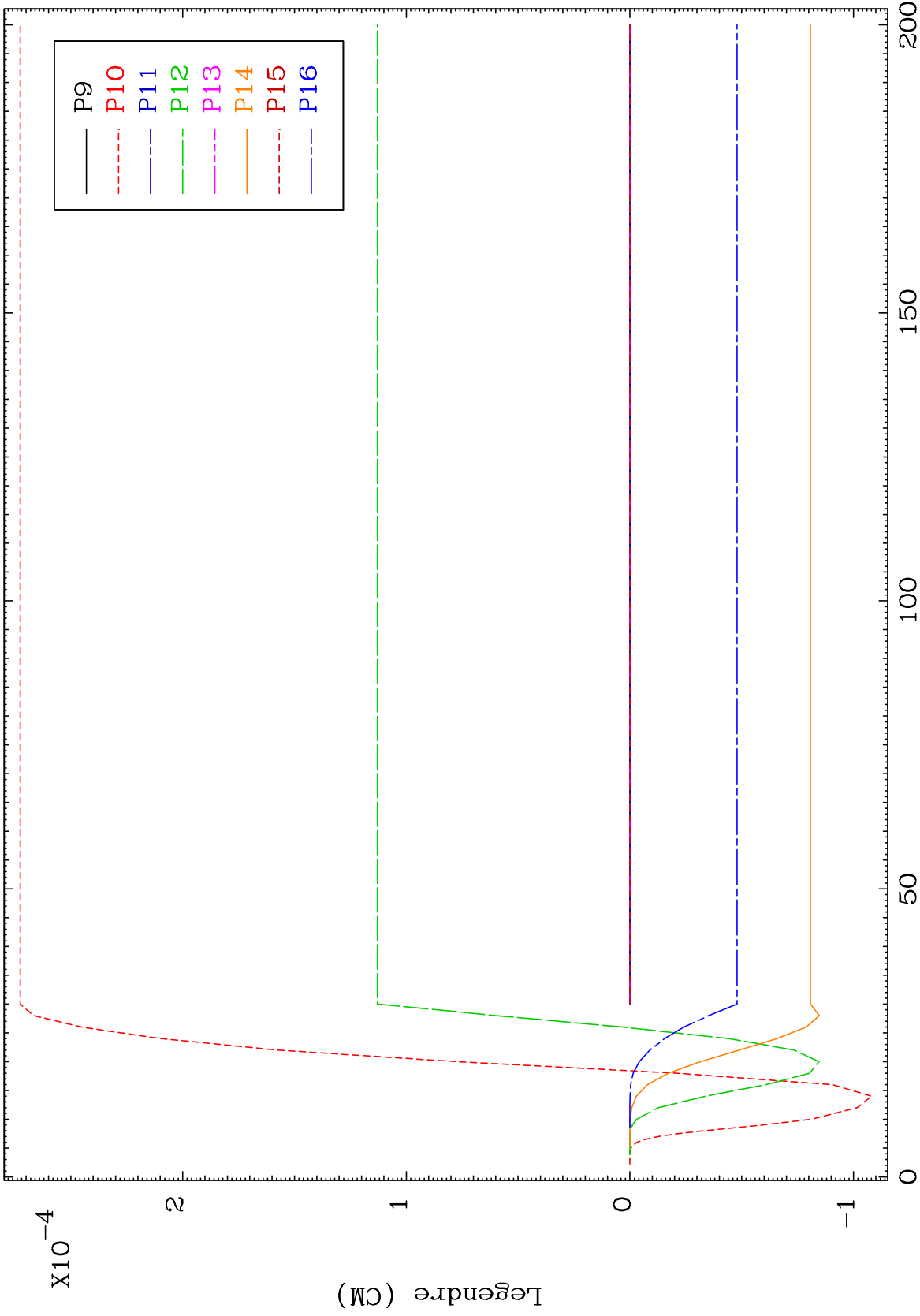


104 50 100 150 200 57-La-130

MAT 5701

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

57-La-130



106

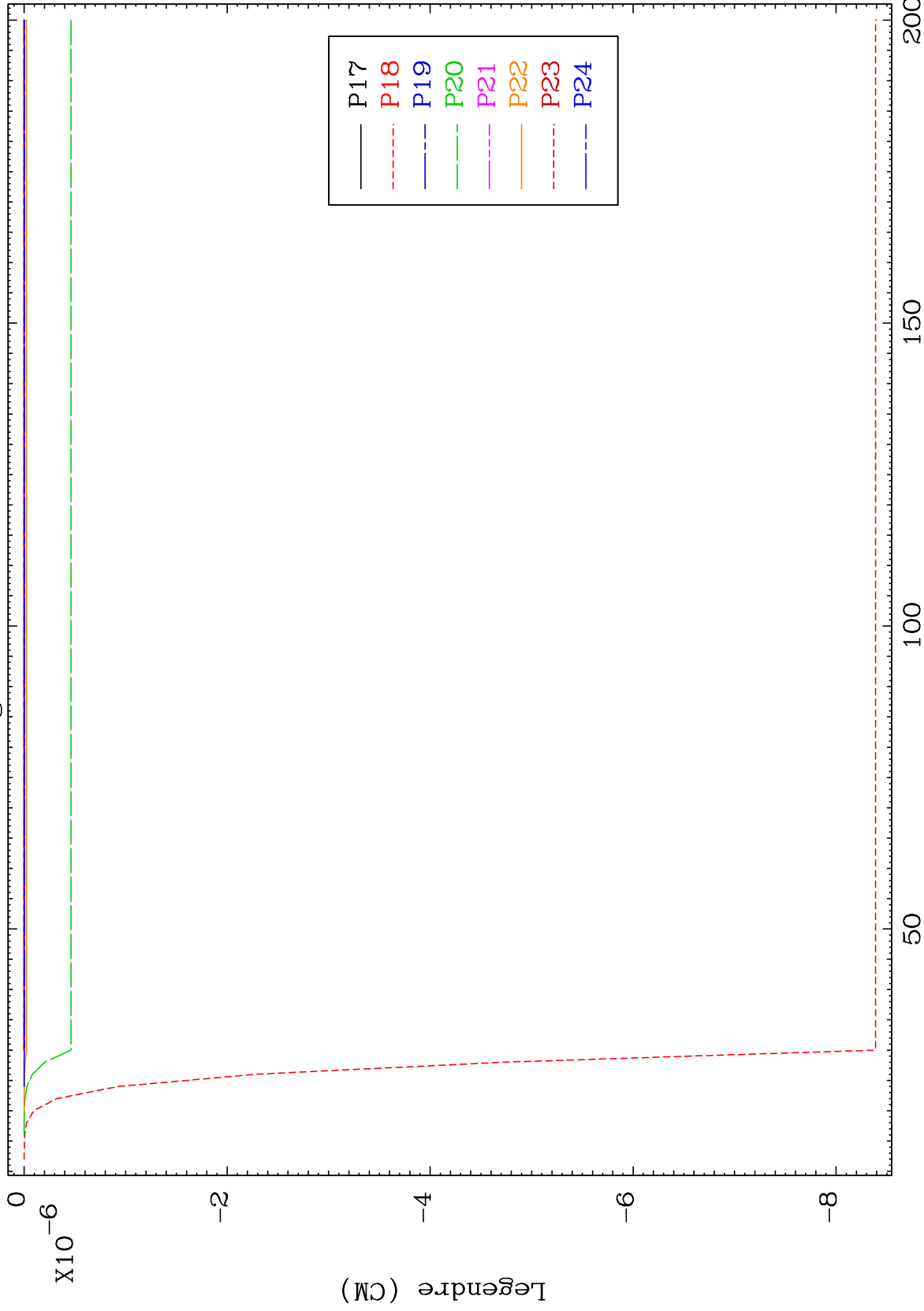
Incident Energy (MeV)

57-La-130

MAT 5701

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

57-La-130



107

Incident Energy (MeV)

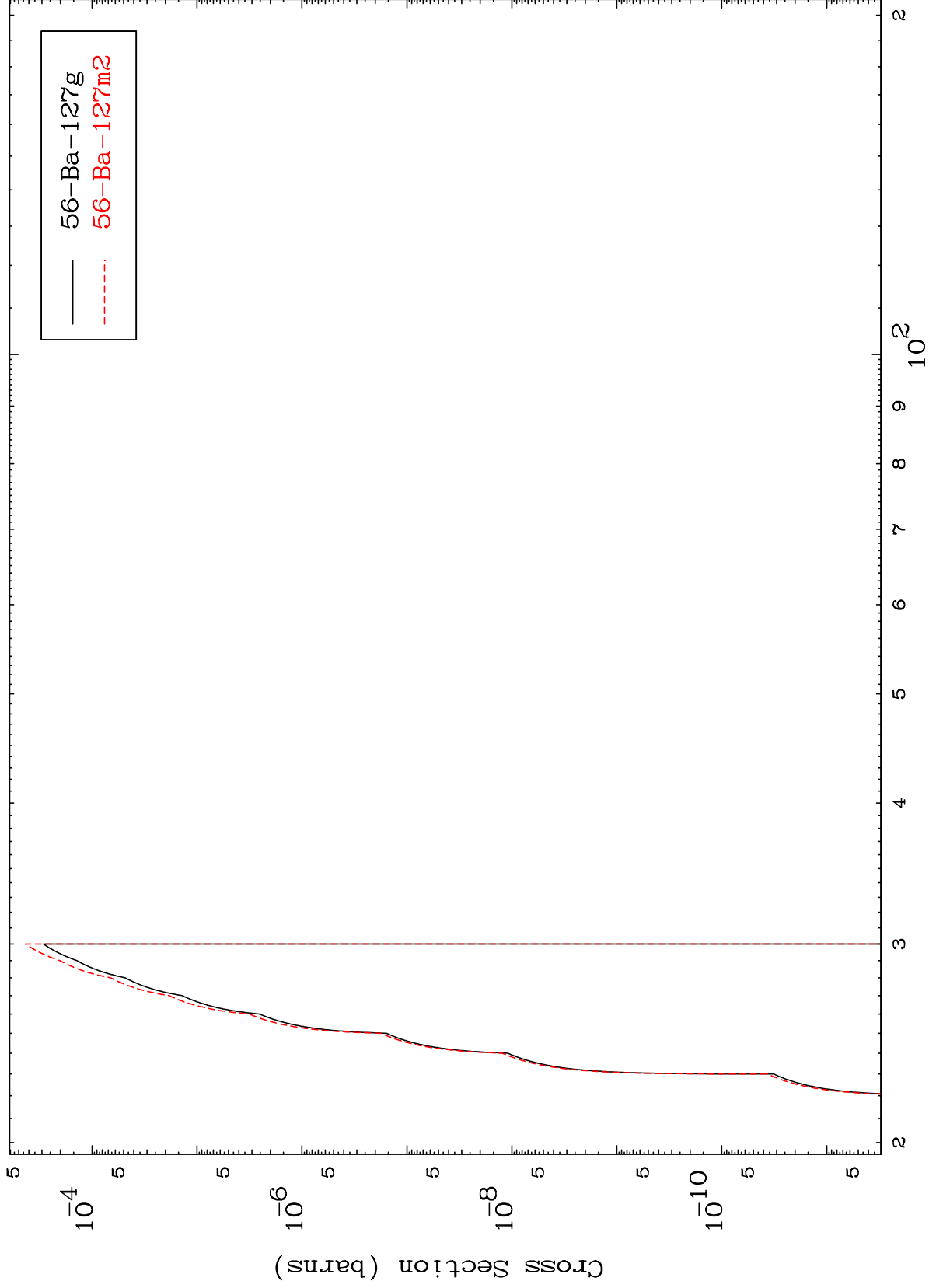
57-La-130

MAT 5701

(n,2n) d

57-La-130

Radionuclide Production Cross Section



108

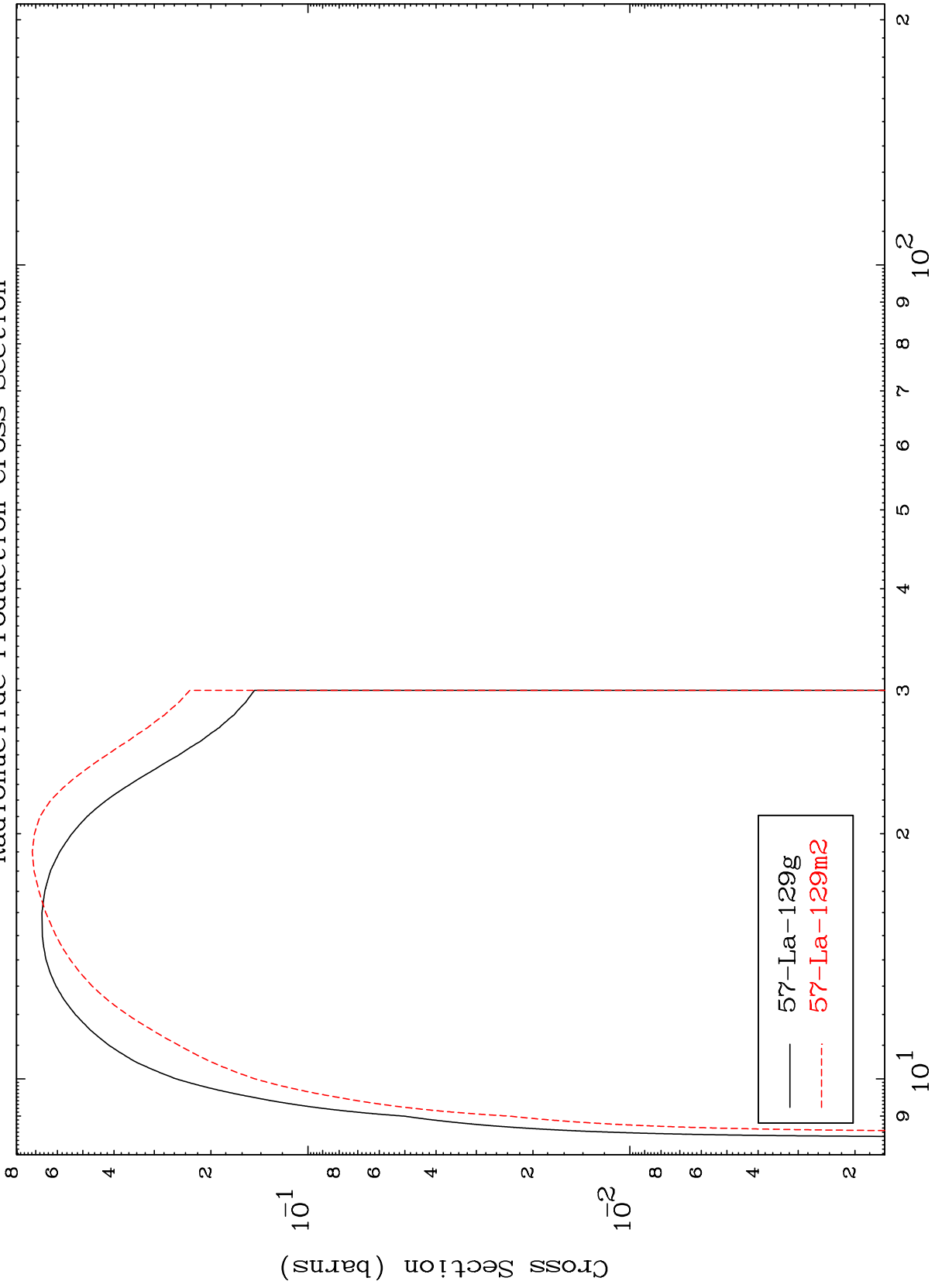
Incident Energy (MeV)

57-La-130

MAT 5701

57-La-130

Radionuclide Production Cross Section
(n,2n)



109

Incident Energy (MeV)

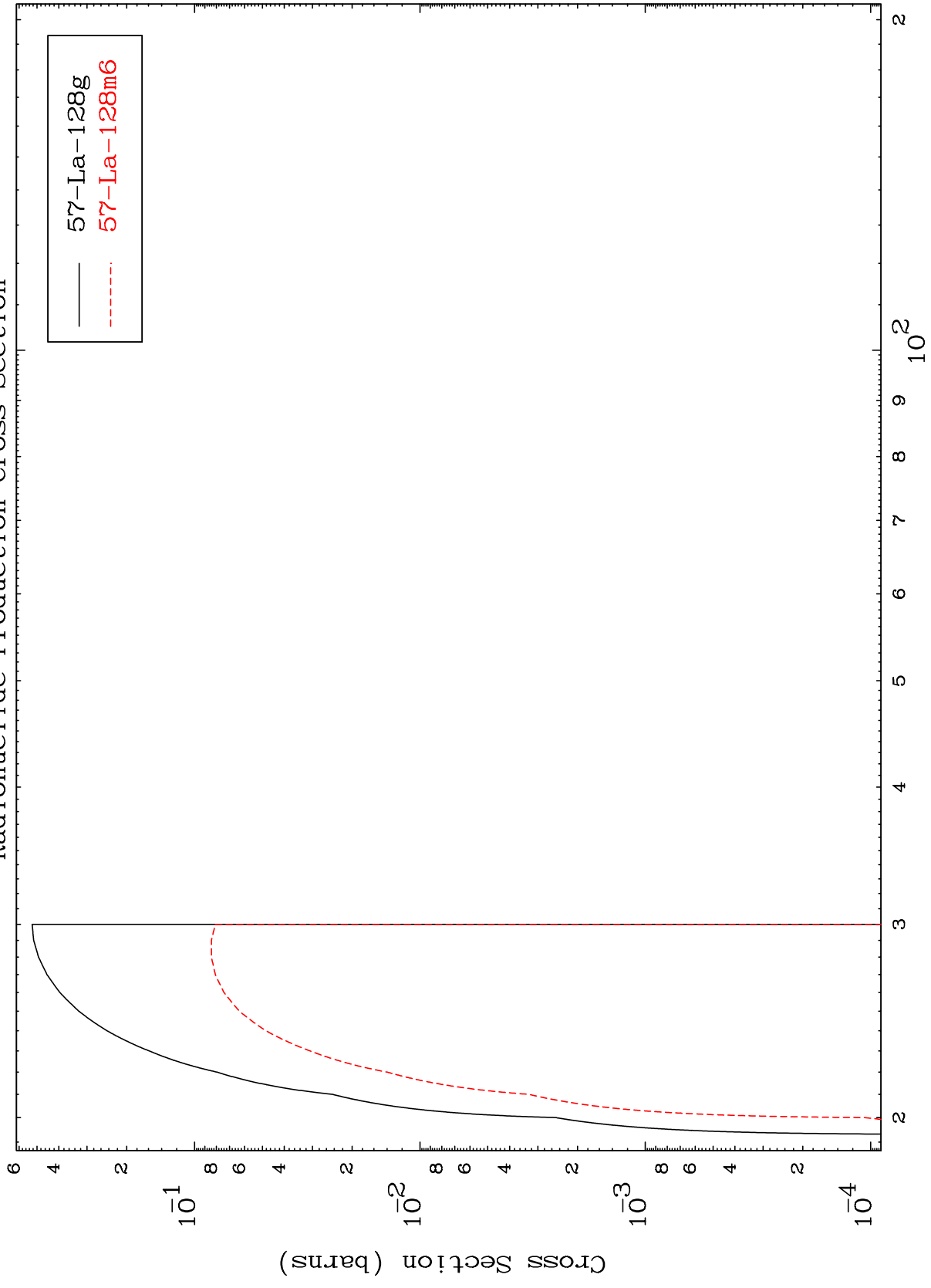
57-La-130

MAT 5701

(n,3n)

57-La-130

Radionuclide Production Cross Section



110

Incident Energy (MeV)

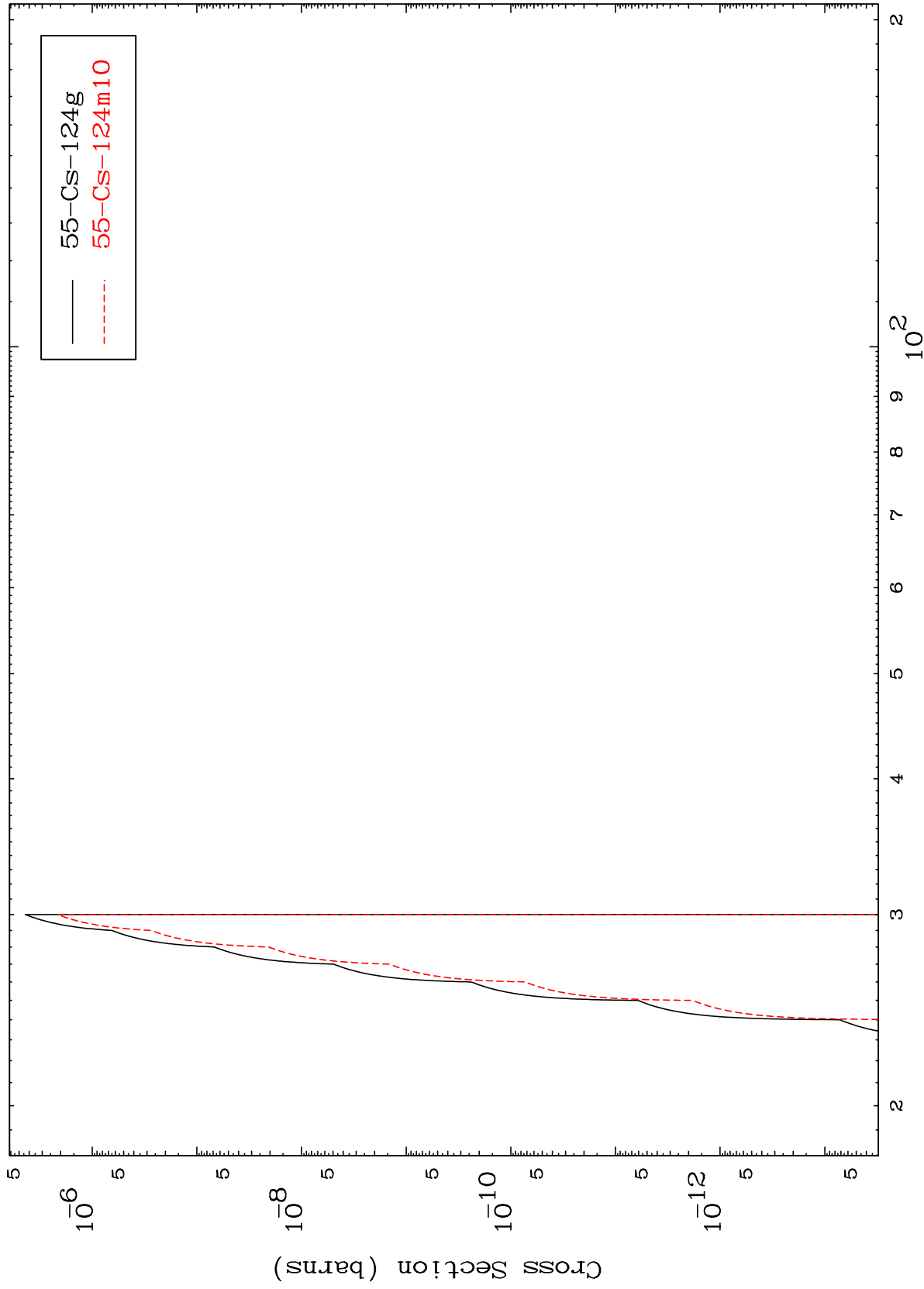
57-La-130

MAT 5701

(n,3n) α

57-La-130

Radionuclide Production Cross Section



111

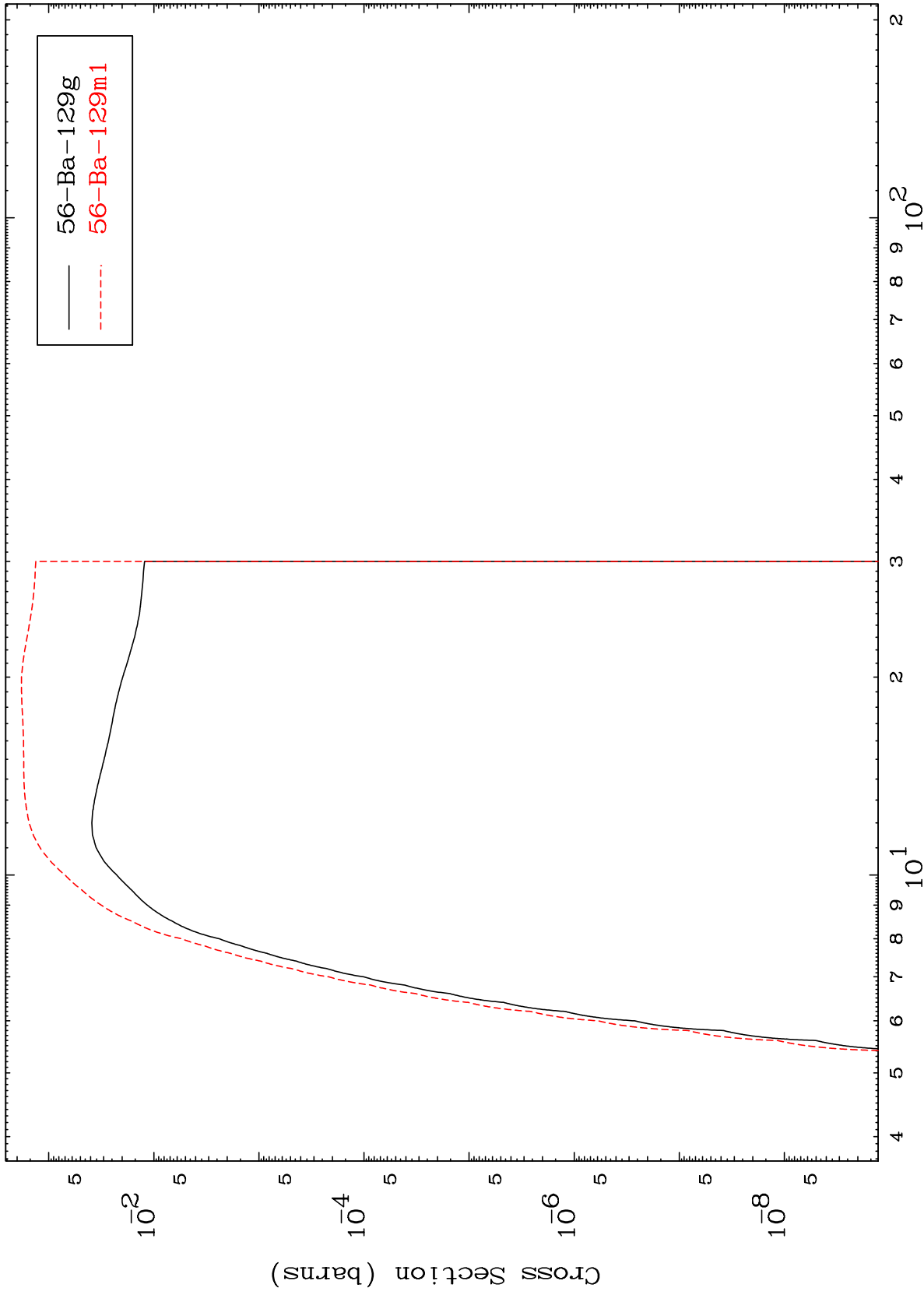
Incident Energy (MeV)

57-La-130

MAT 5701

57-La-130

(n,n') p
Radionuclide Production Cross Section



112

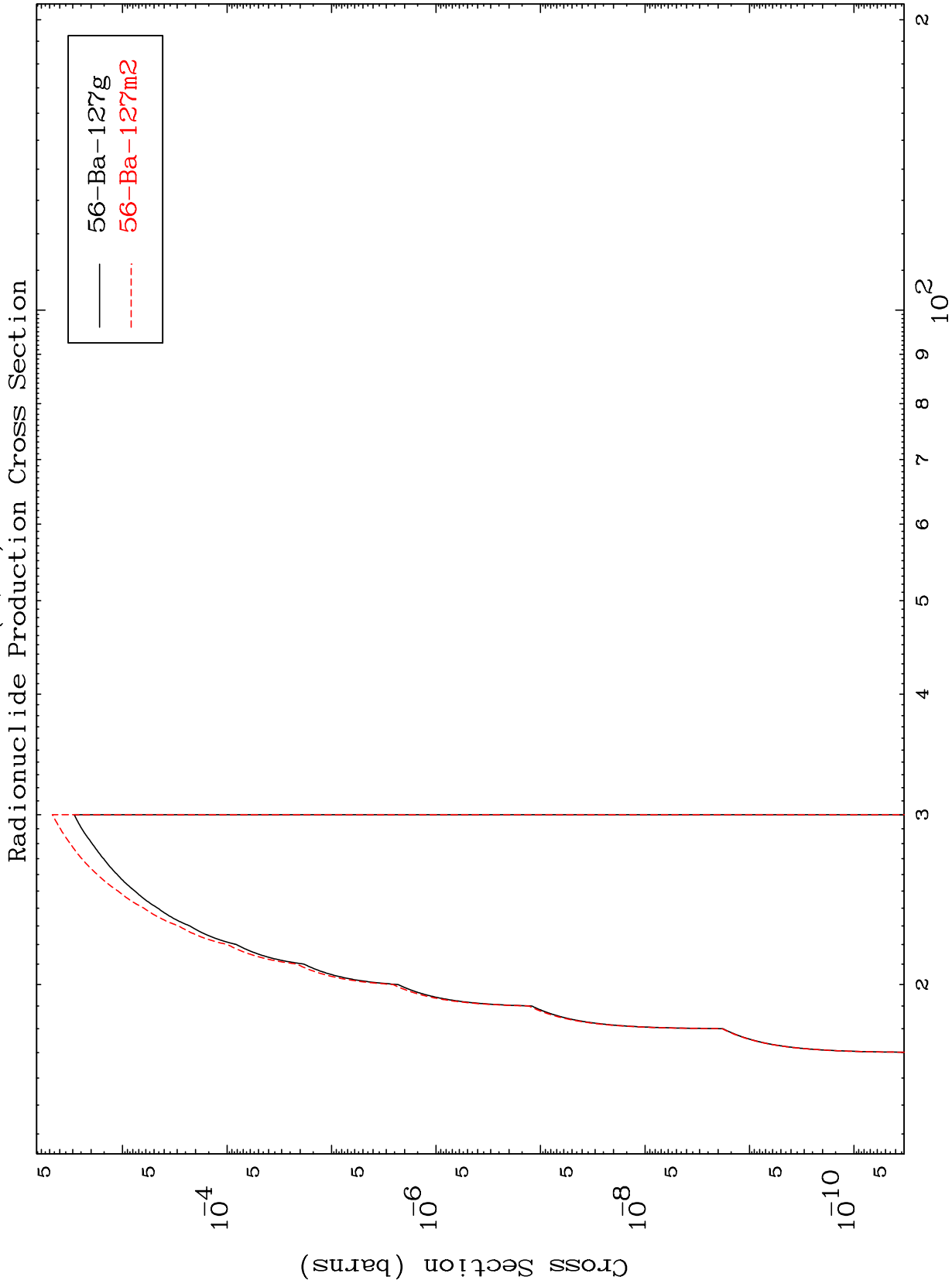
Incident Energy (MeV)

57-La-130

MAT 5701

(n,n') t

57-La-130



113

Incident Energy (MeV)

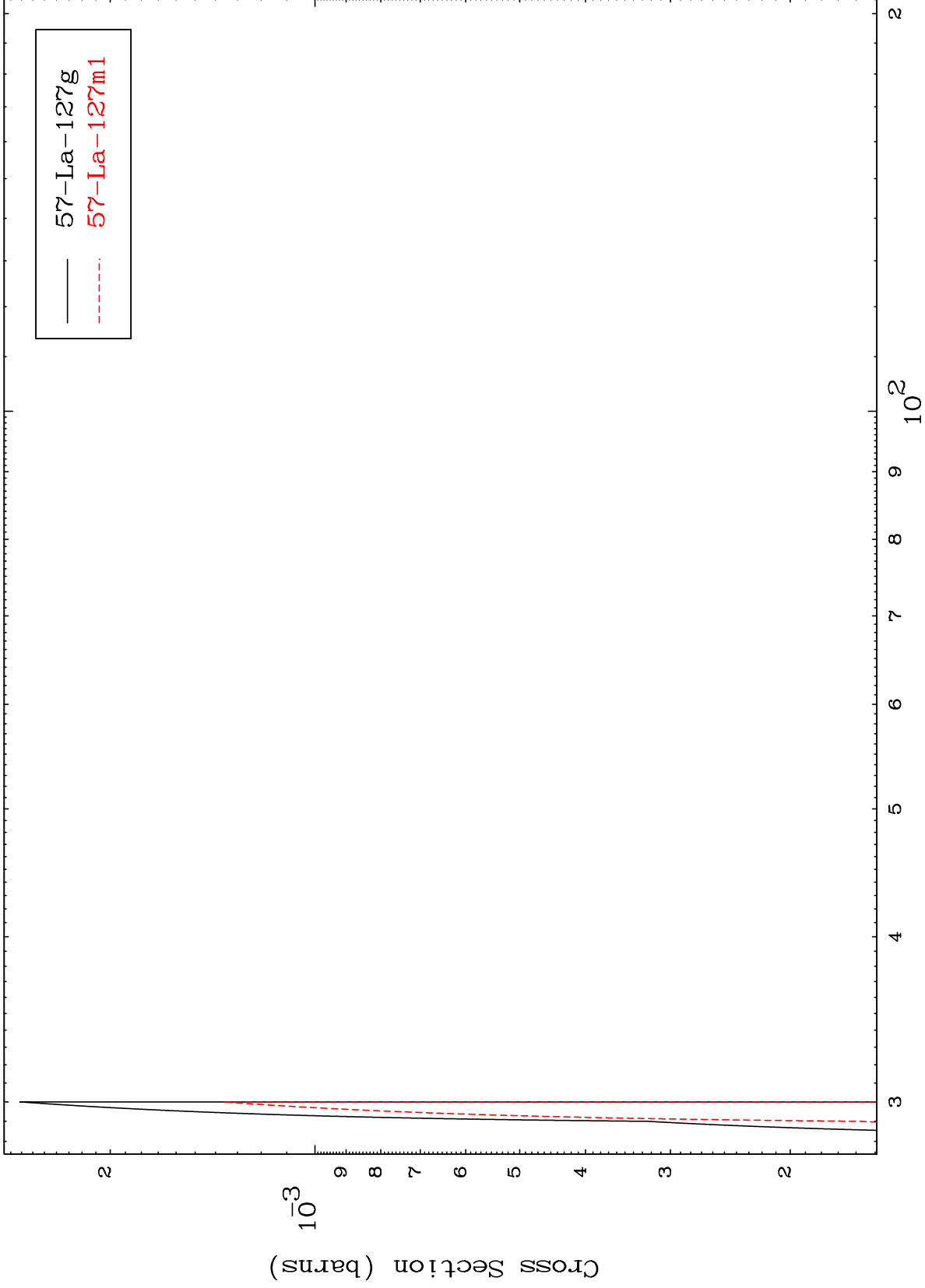
57-La-130

MAT 5701

(n,4n)

57-La-130

Radionuclide Production Cross Section



57-La-127g
57-La-127m1

114

Incident Energy (MeV)

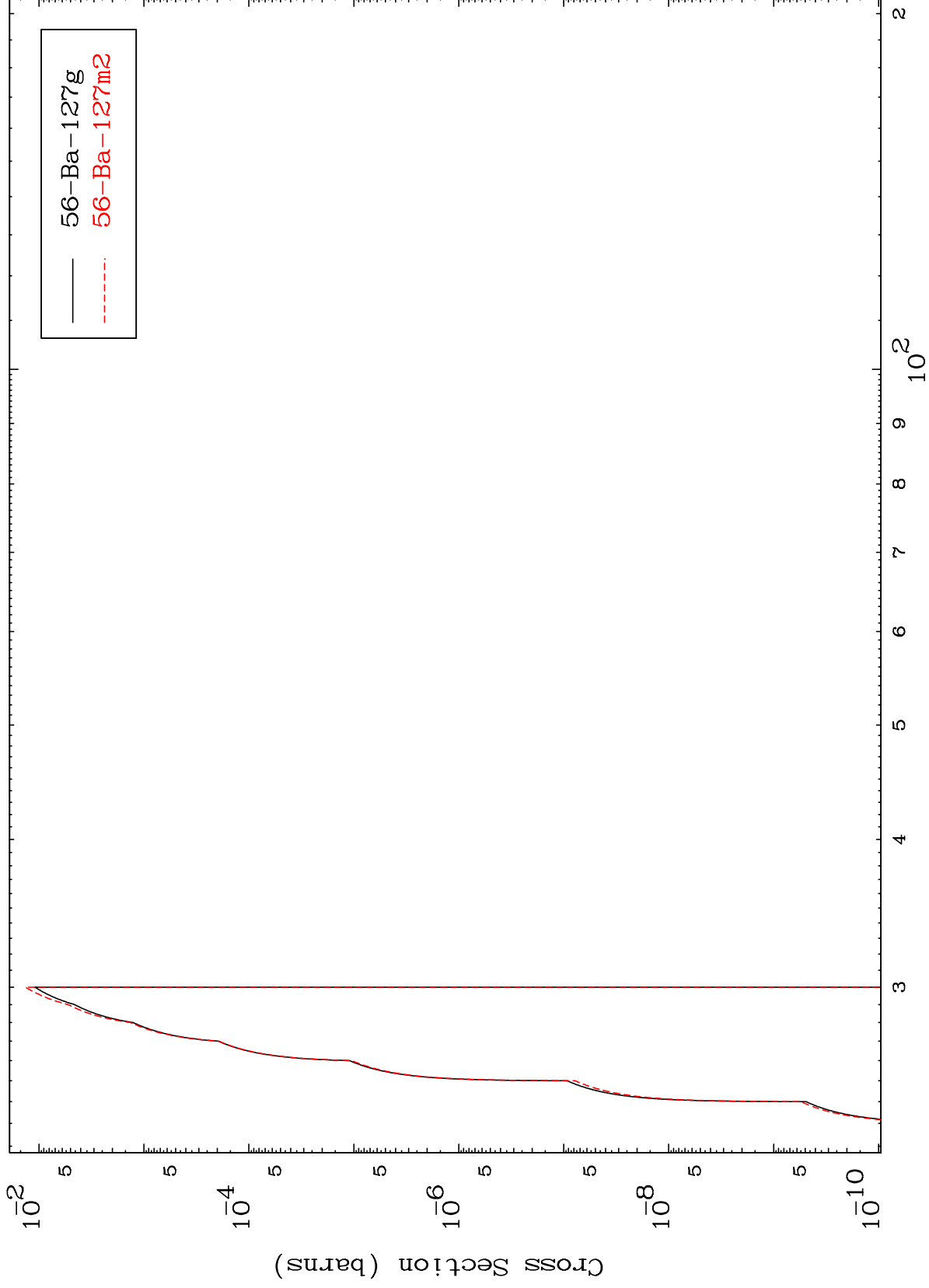
57-La-130

MAT 5701

(n,3n) p

57-La-130

Radionuclide Production Cross Section



115

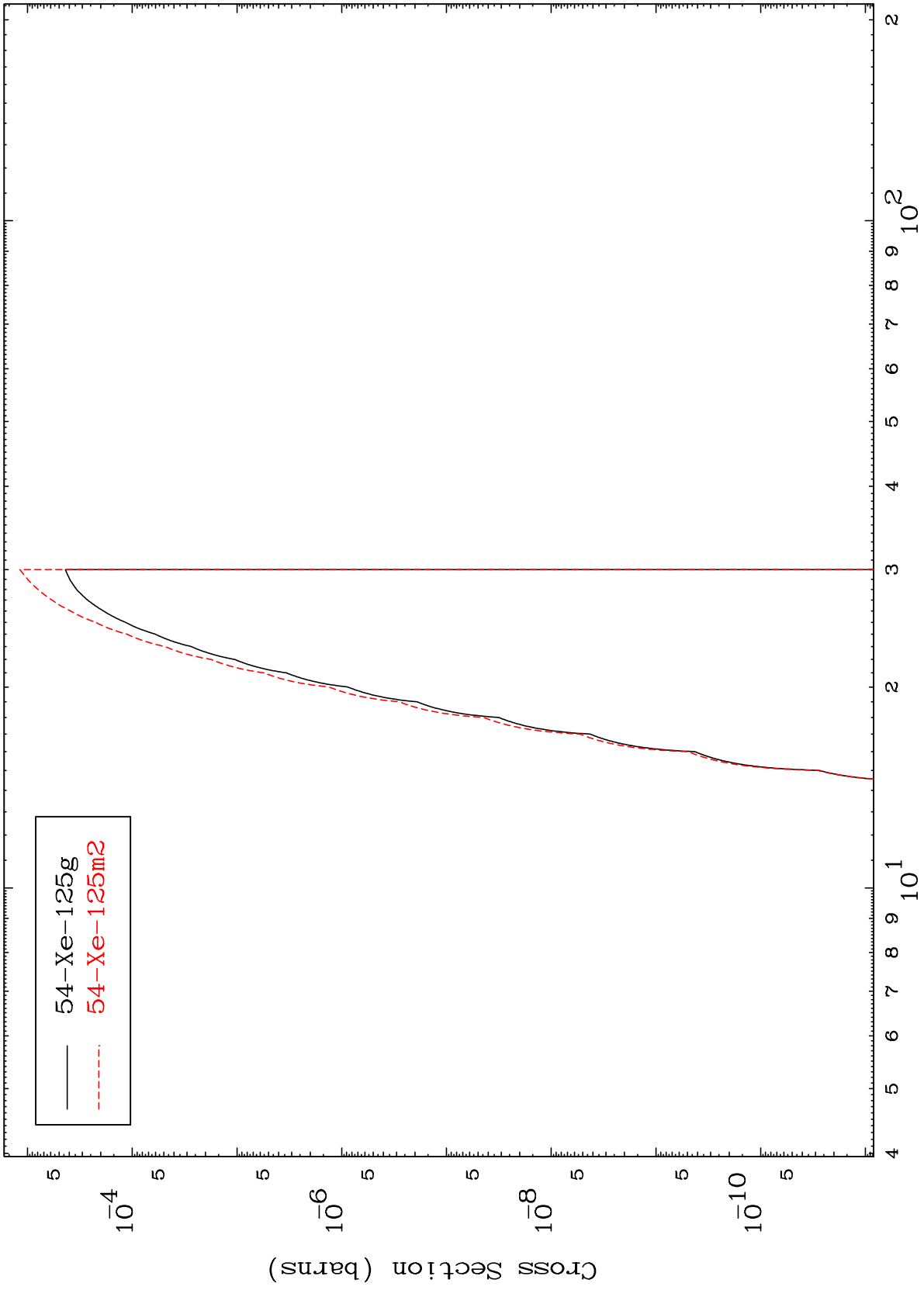
Incident Energy (MeV)

57-La-130

MAT 5701

57-La-130

(n,n') p α
Radionuclide Production Cross Section



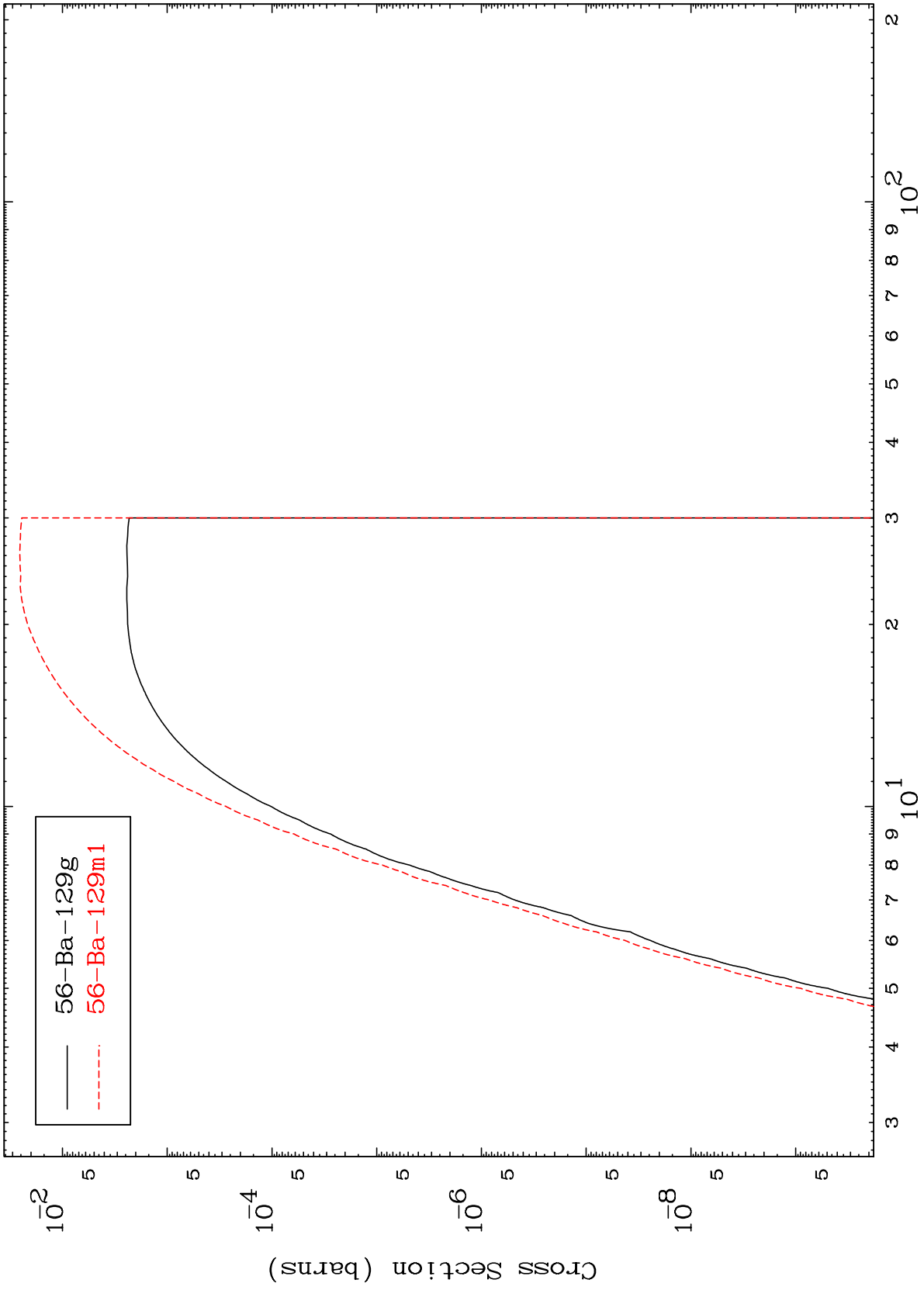
116

57-La-130

MAT 5701

57-La-130

(n,d)
Radionuclide Production Cross Section



117

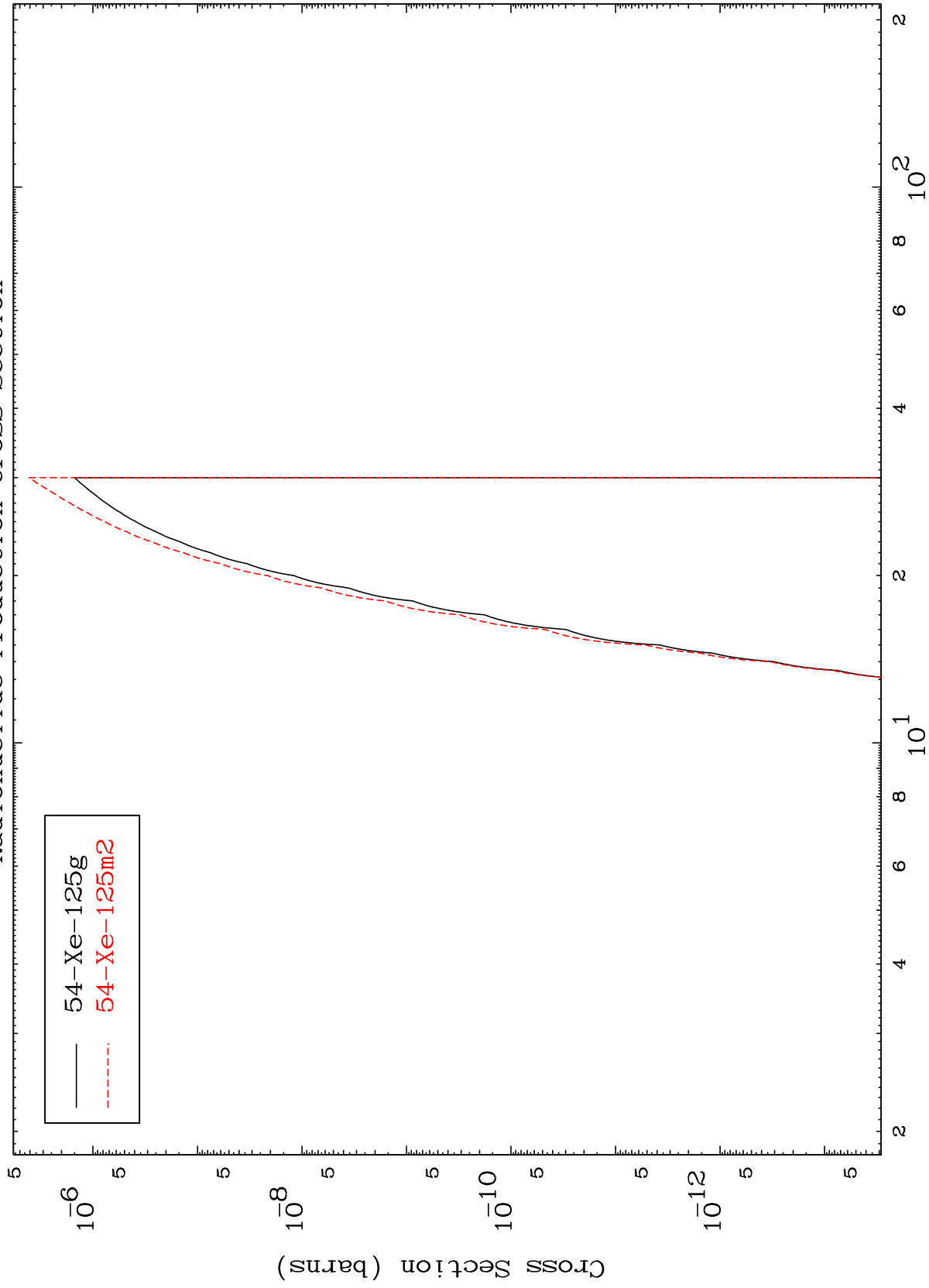
57-La-130

MAT 5701

(n,d) α

57-La-130

Radionuclide Production Cross Section



54-Xe-125g
54-Xe-125m2

118

Incident Energy (MeV)

57-La-130