

Program EVALPLOT
(Version 2018-1)

by

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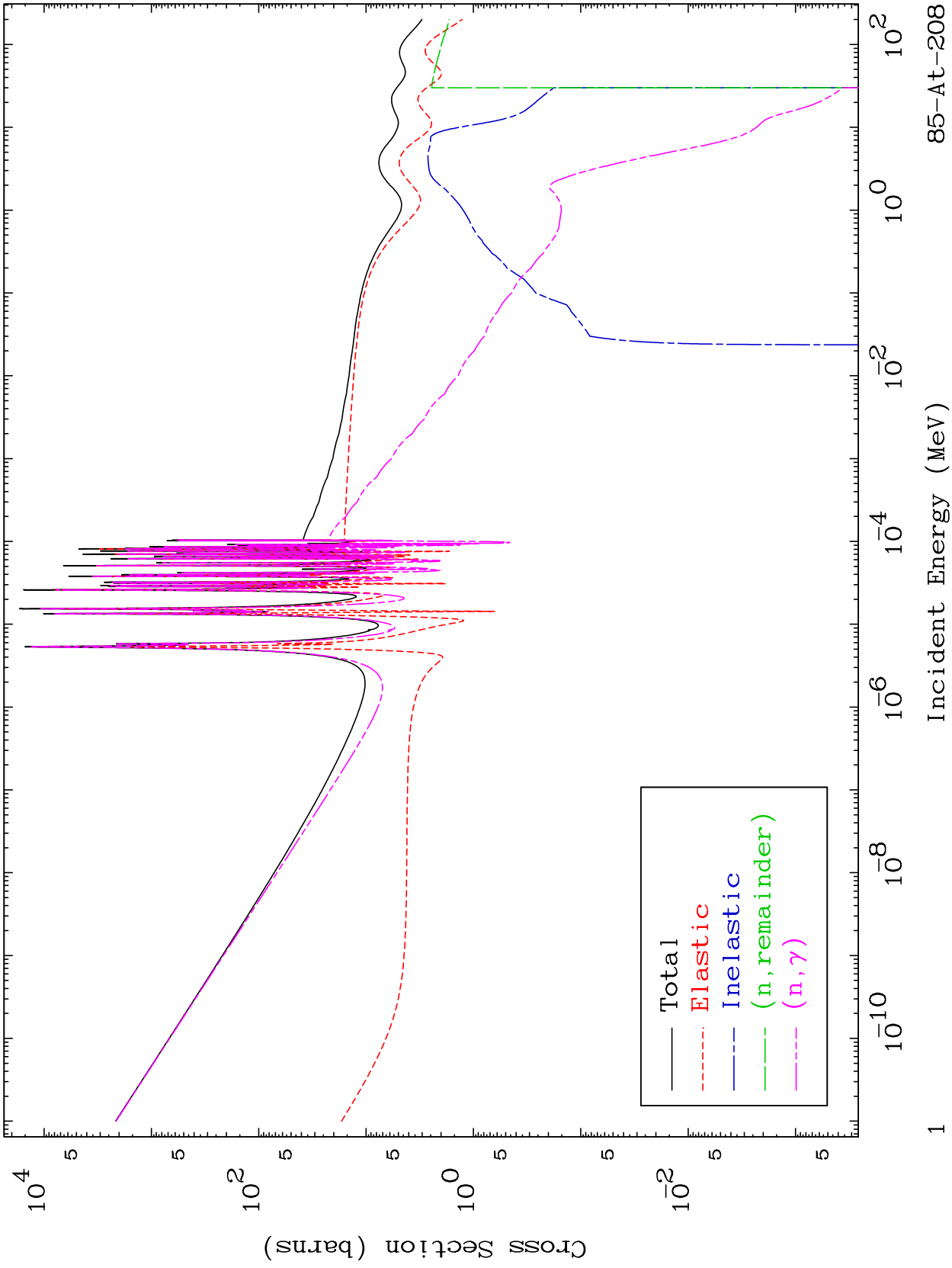
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8540

Major
293 Kelvin Cross Sections

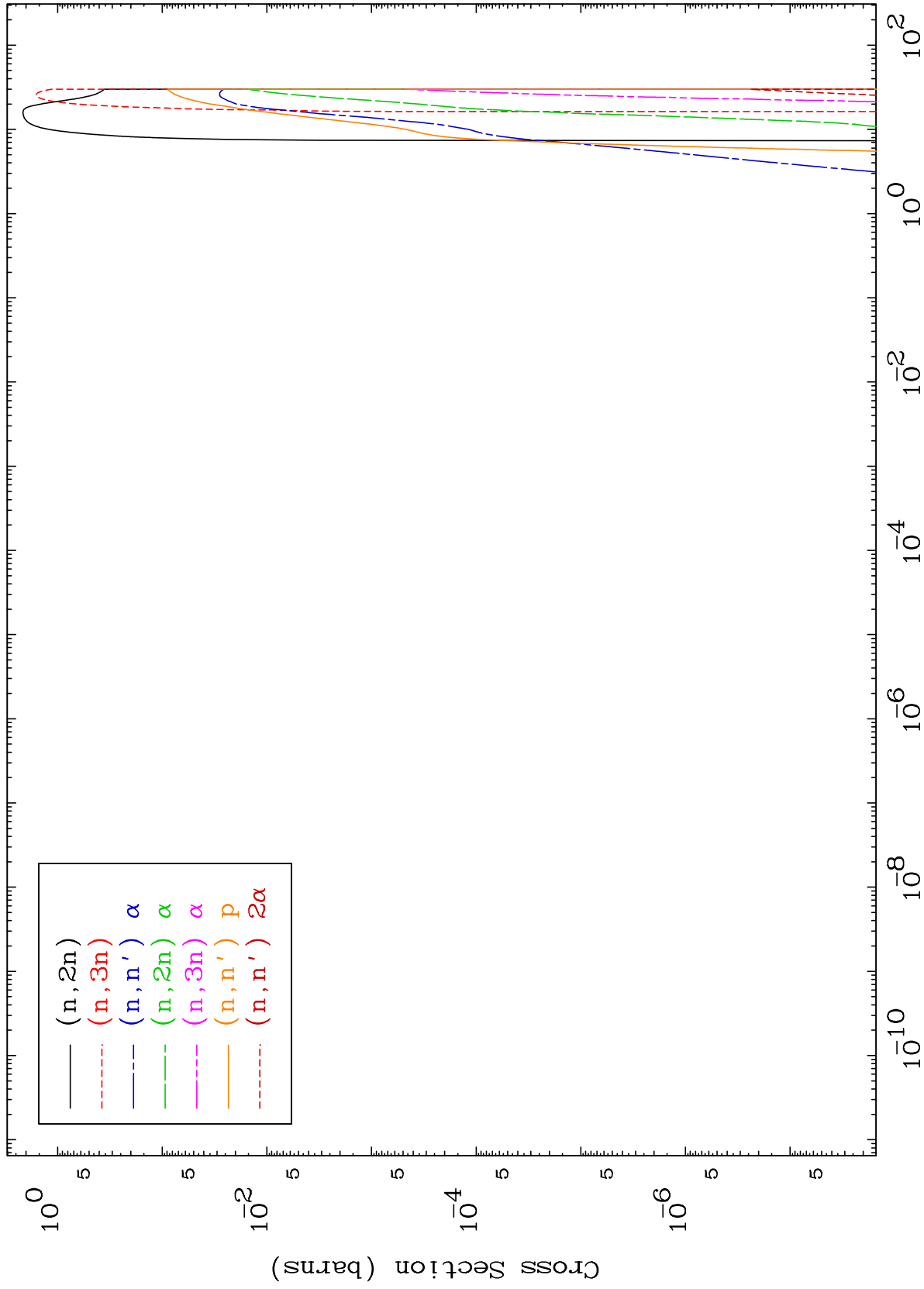
85-At-208



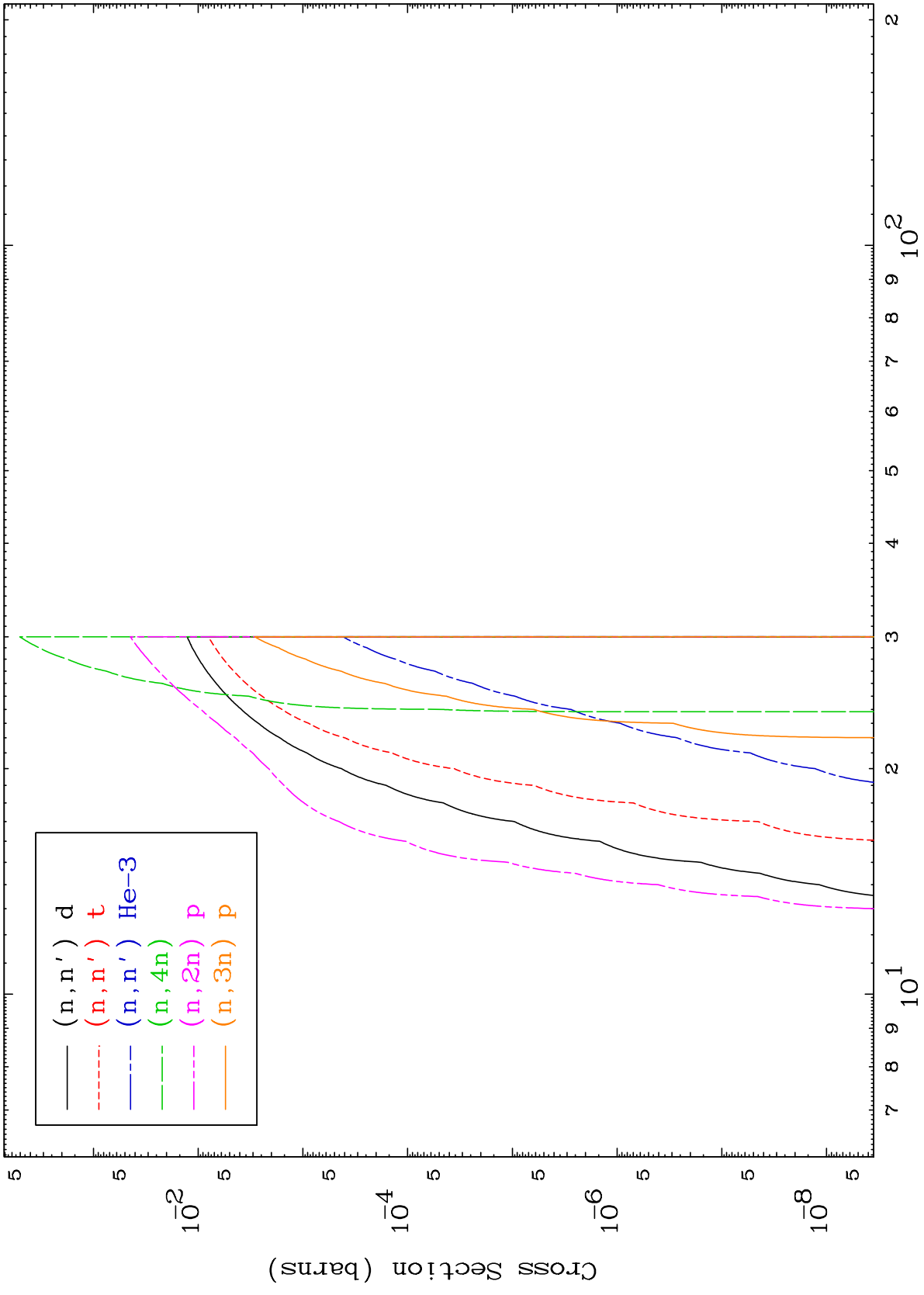
MAT 8540

Neutron Production
293 Kelvin Cross Sections

85-At-208



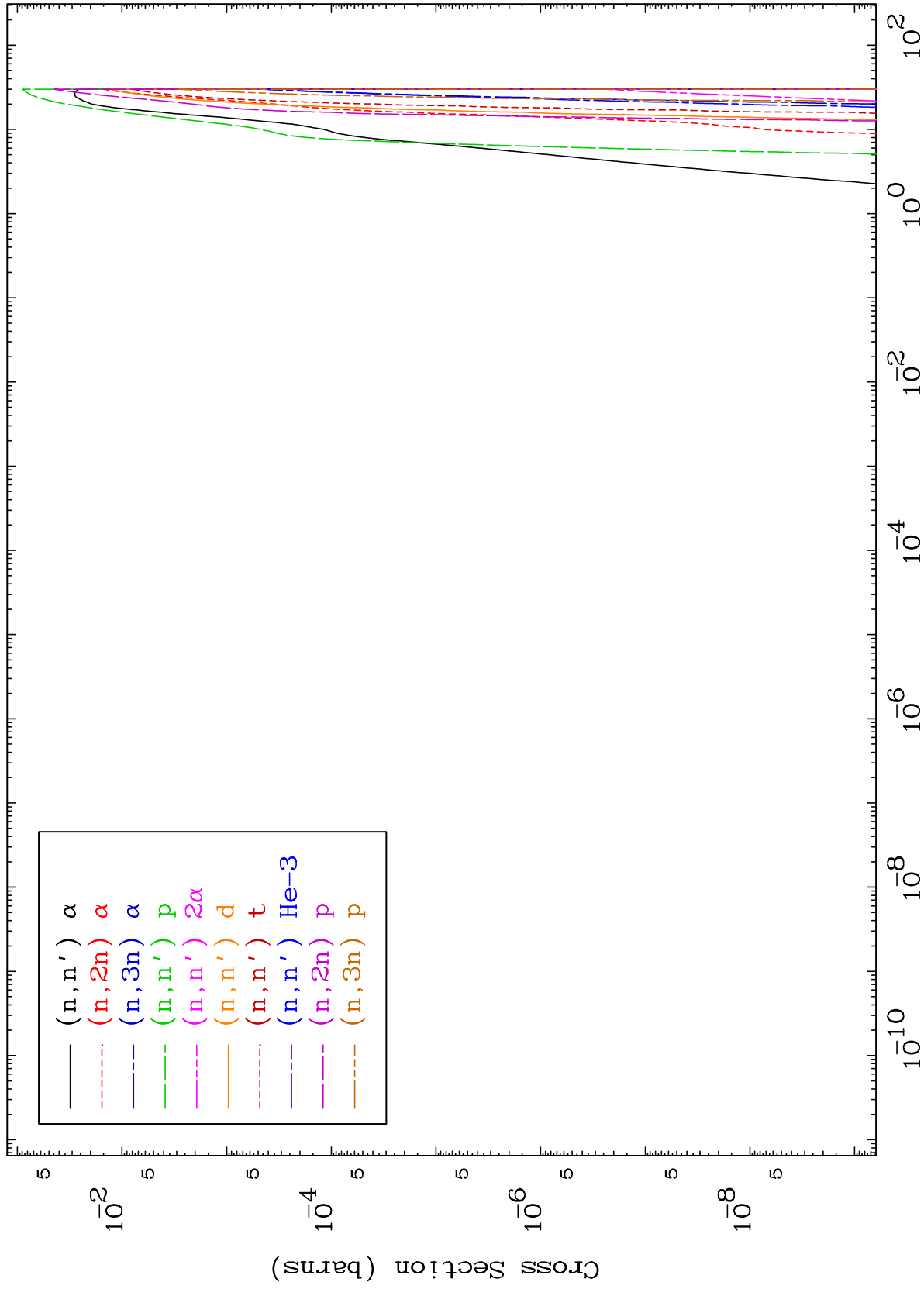
85-At-208



MAT 8540

293 Kelvin Cross Sections

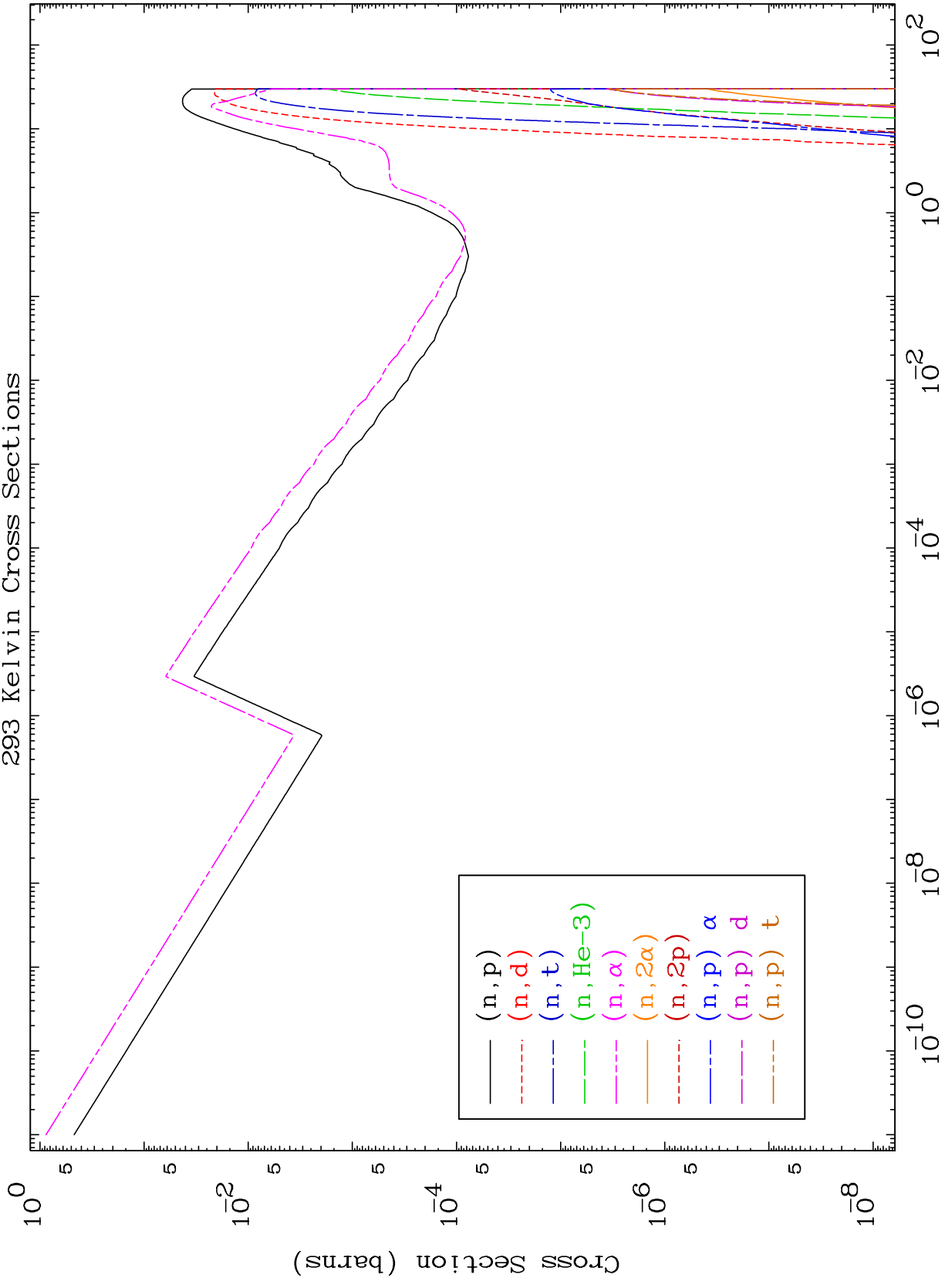
85-At-208



MAT 8540

Charged Particle
293 Kelvin Cross Sections

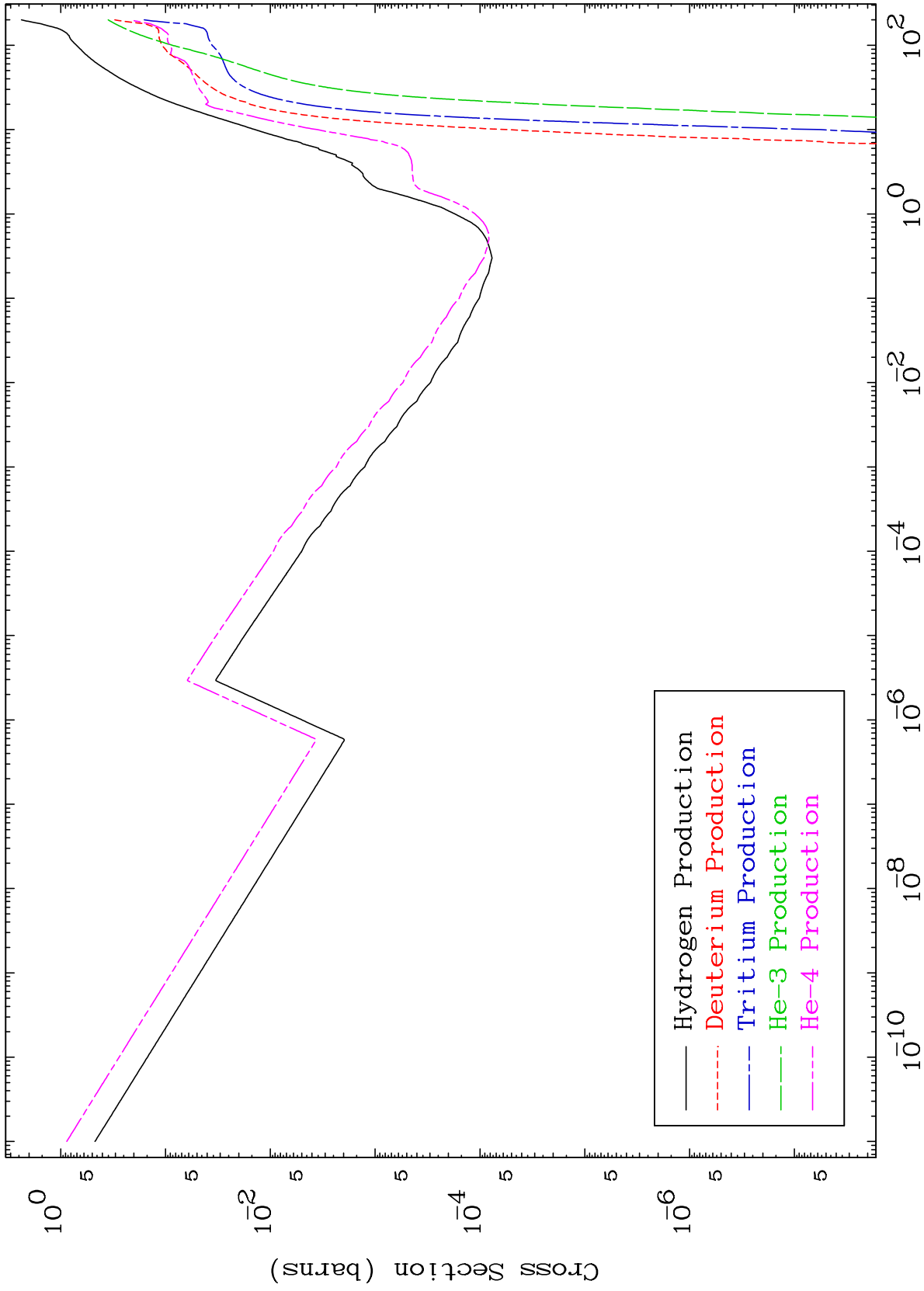
85-At-208



MAT 8540

Particle Production
293 Kelvin Cross Sections

85-At-208



6

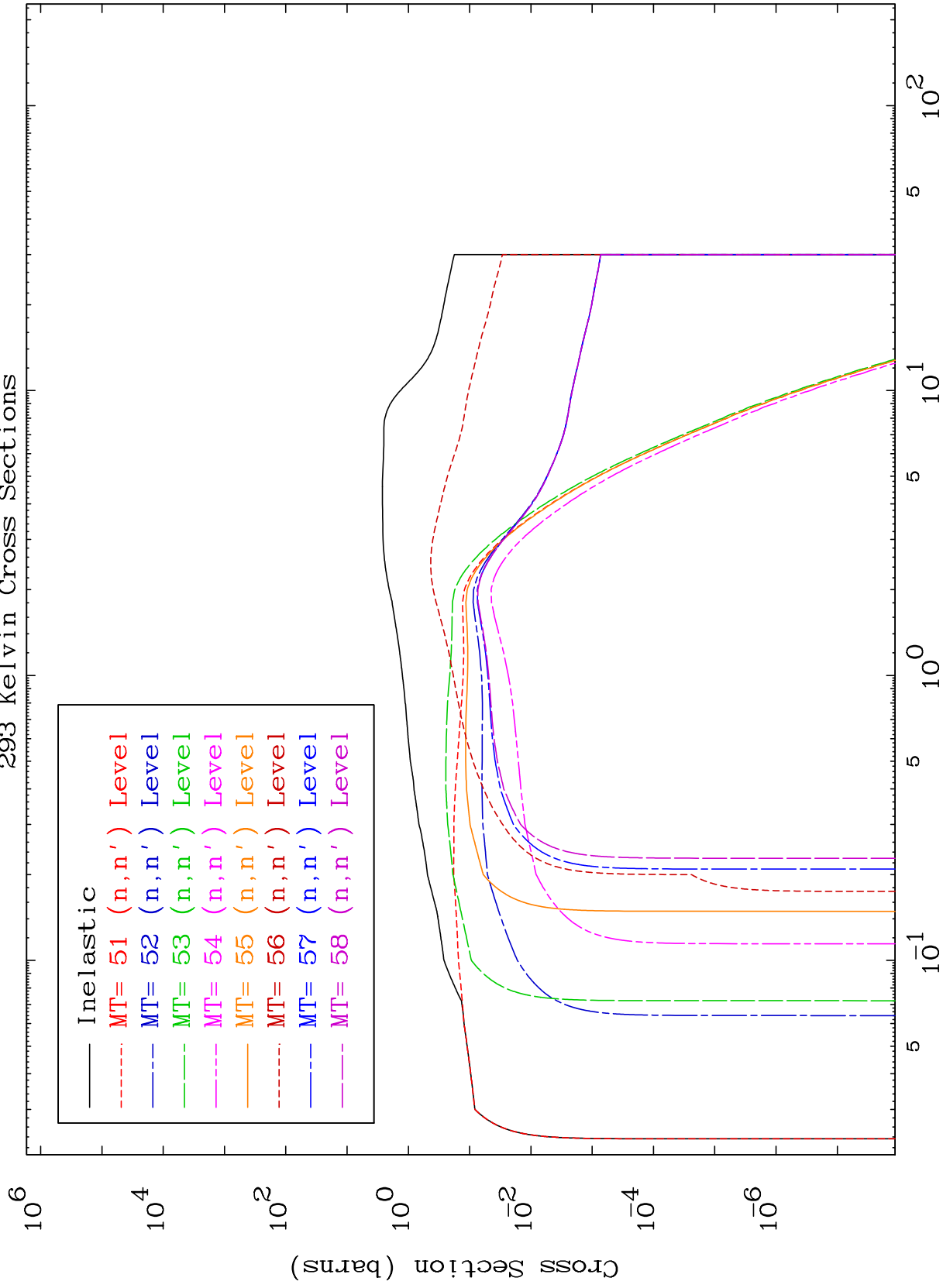
Incident Energy (MeV)

85-At-208

MAT 8540

(n,n') Level
293 Kelvin Cross Sections

85-At-208

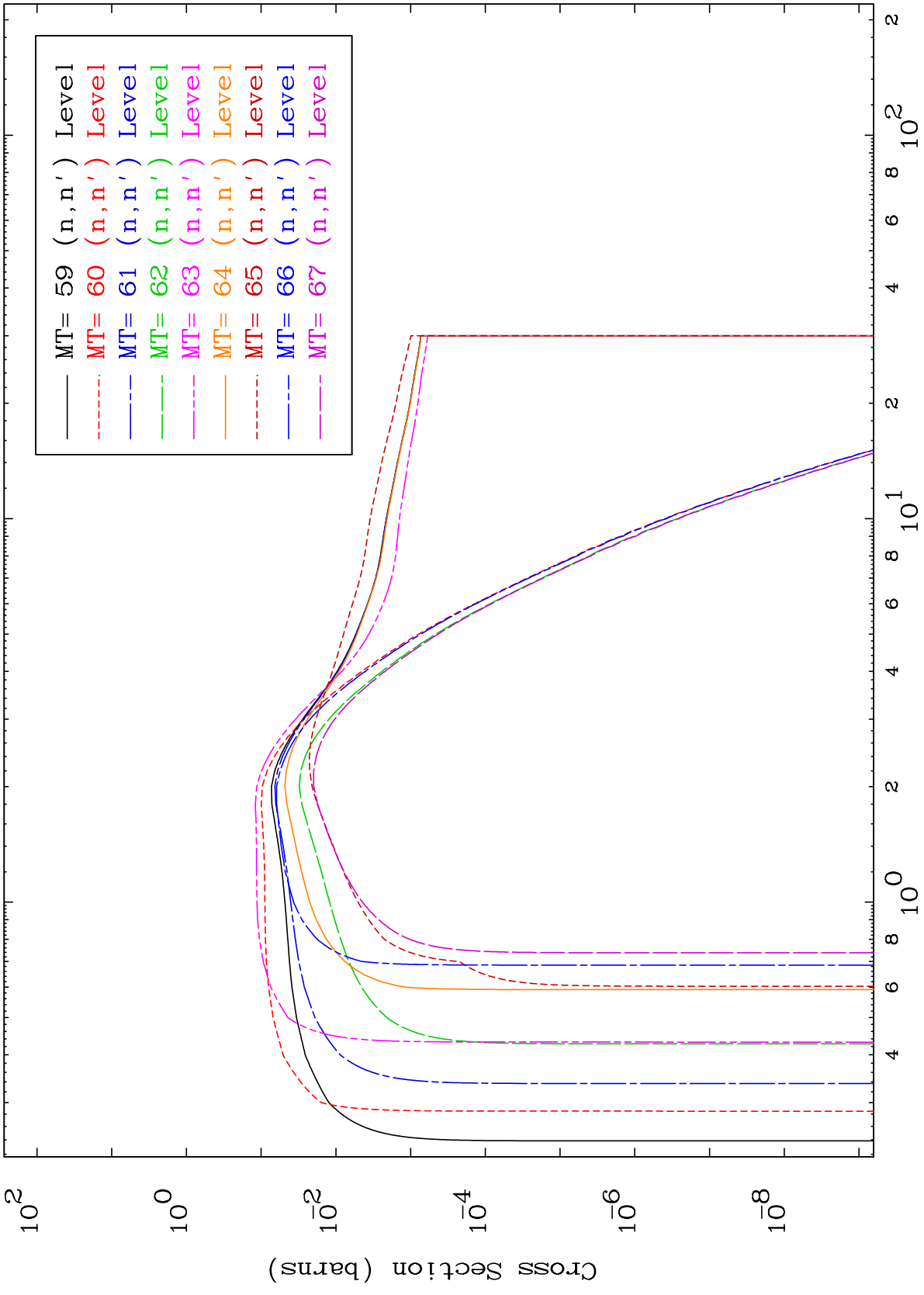


MAT 8540

(n,n') Level

85-At-208

293 Kelvin Cross Sections



8

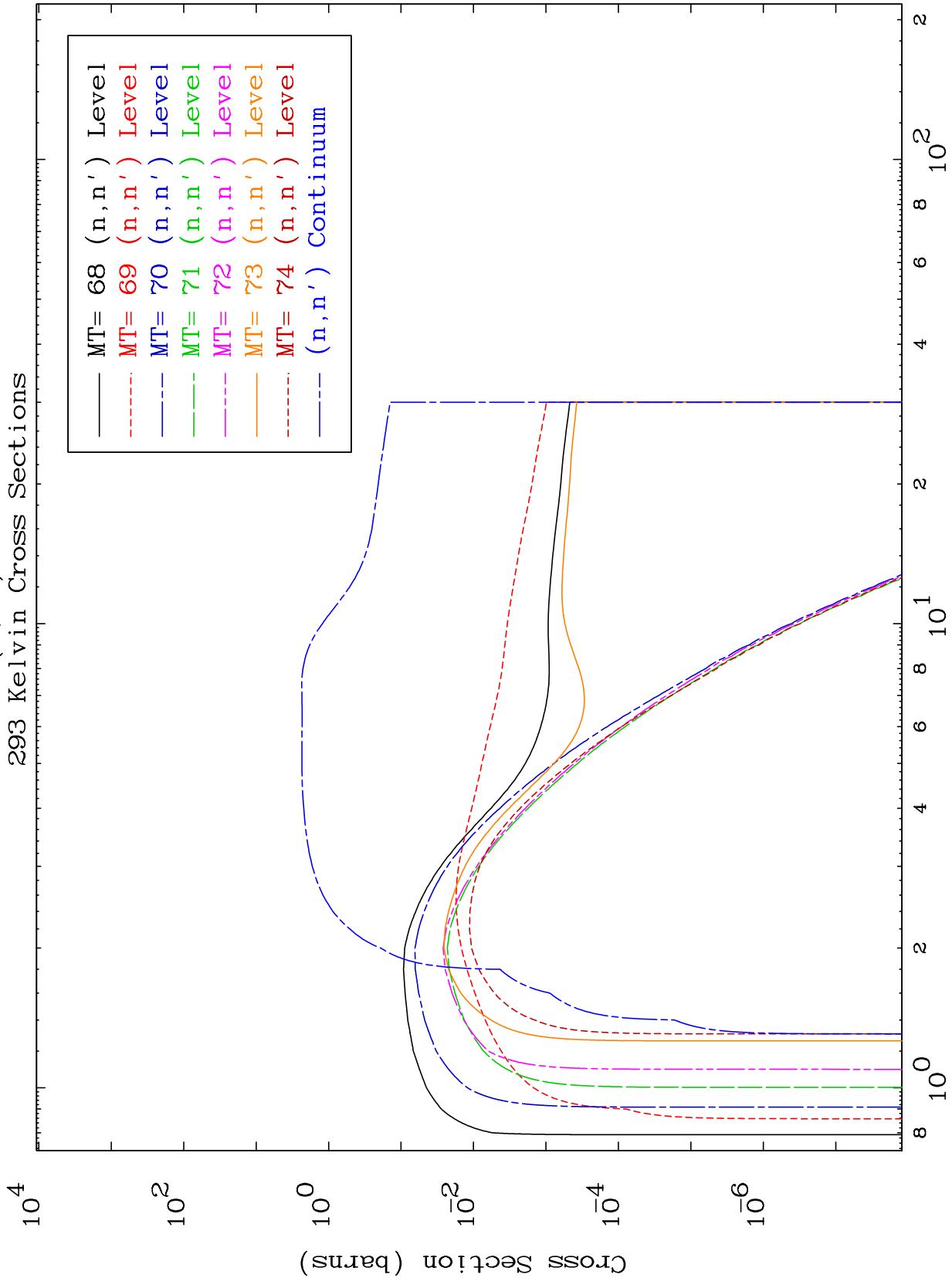
Incident Energy (MeV)

85-At-208

MAT 8540

(n,n') Level

85-At-208



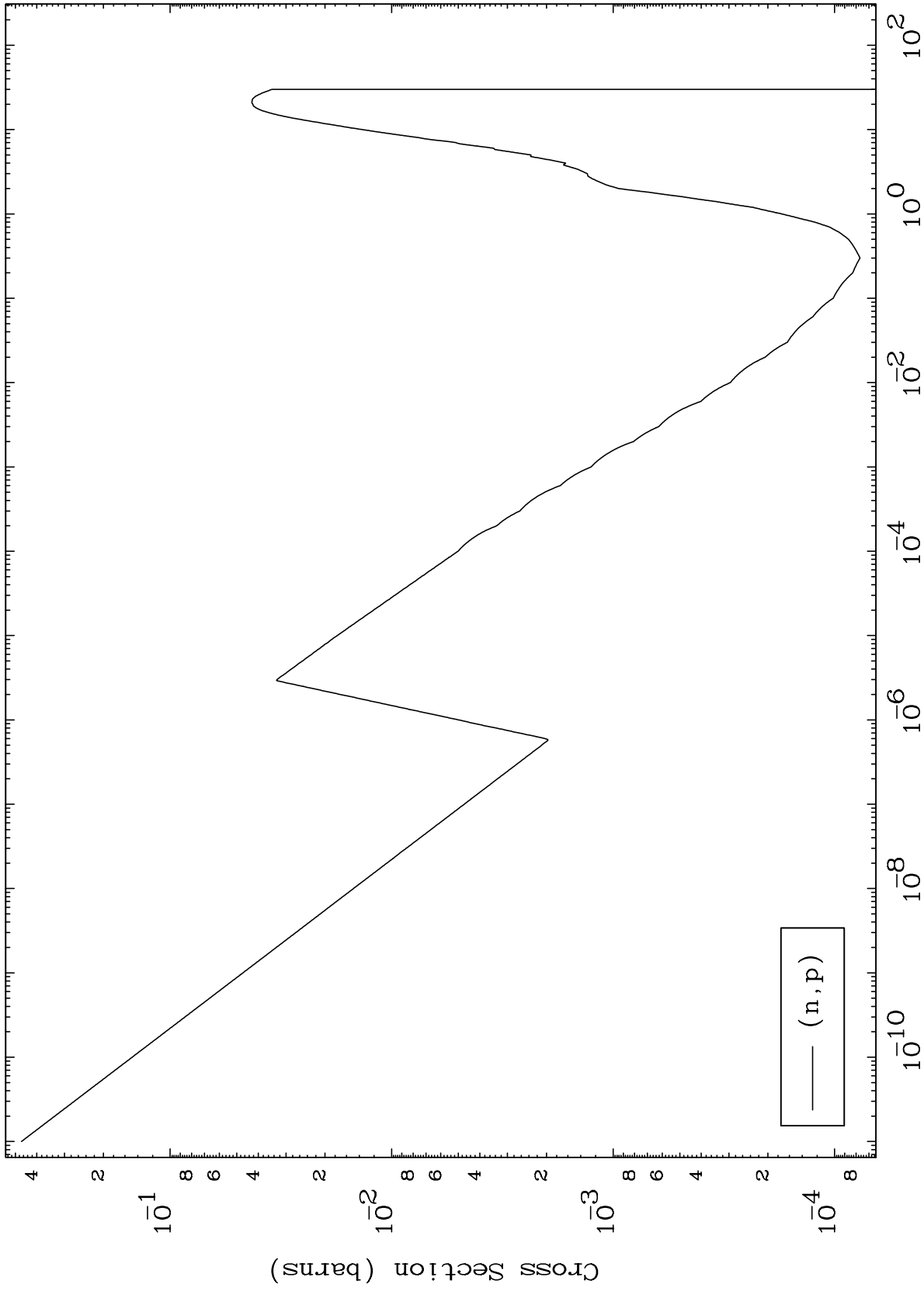
9

85-At-208

MAT 8540

(n,p) Levels
293 Kelvin Cross Sections

85-At-208



10

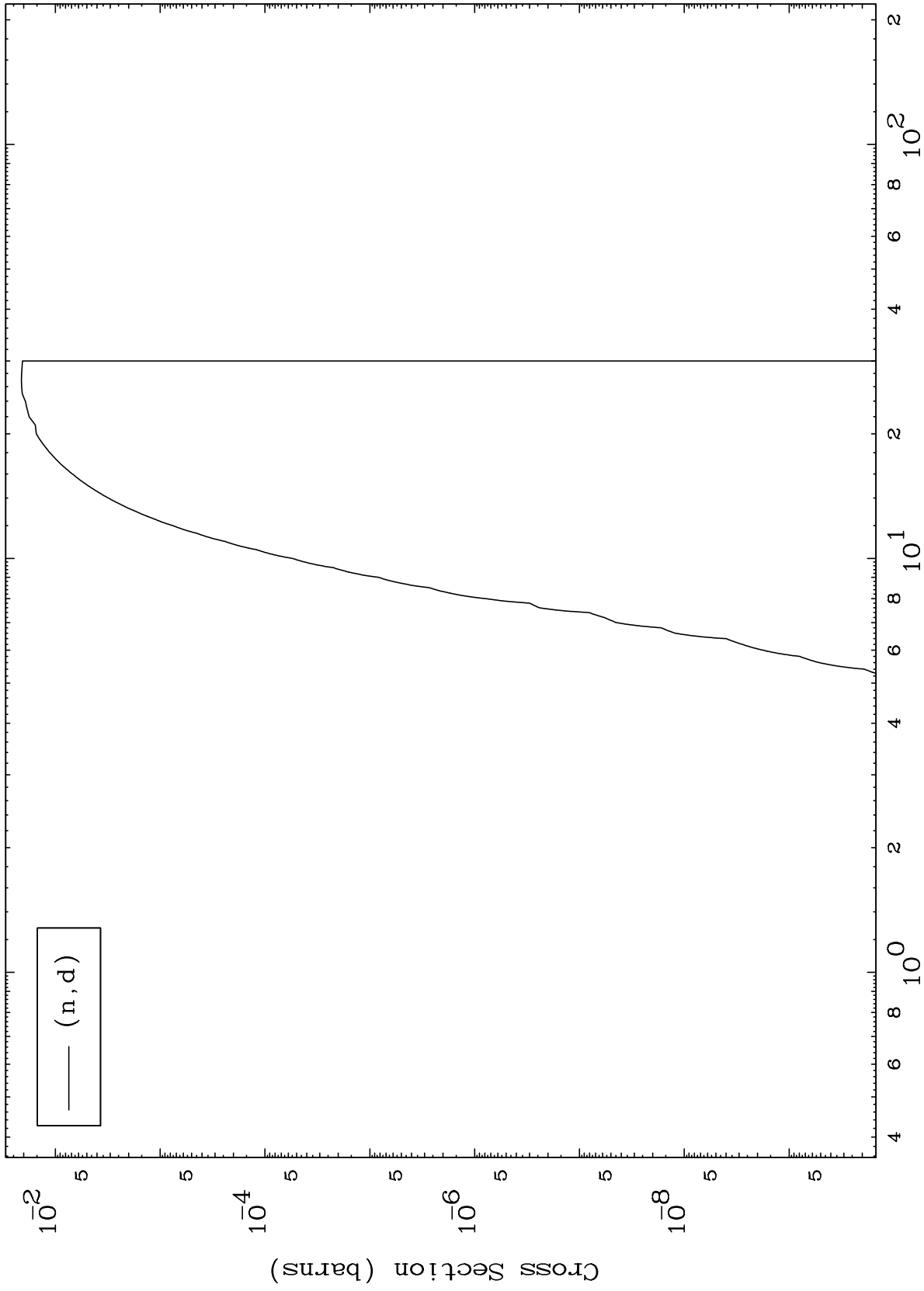
Incident Energy (MeV)

85-At-208

MAT 8540

(n,d) Levels
293 Kelvin Cross Sections

85-At-208



11

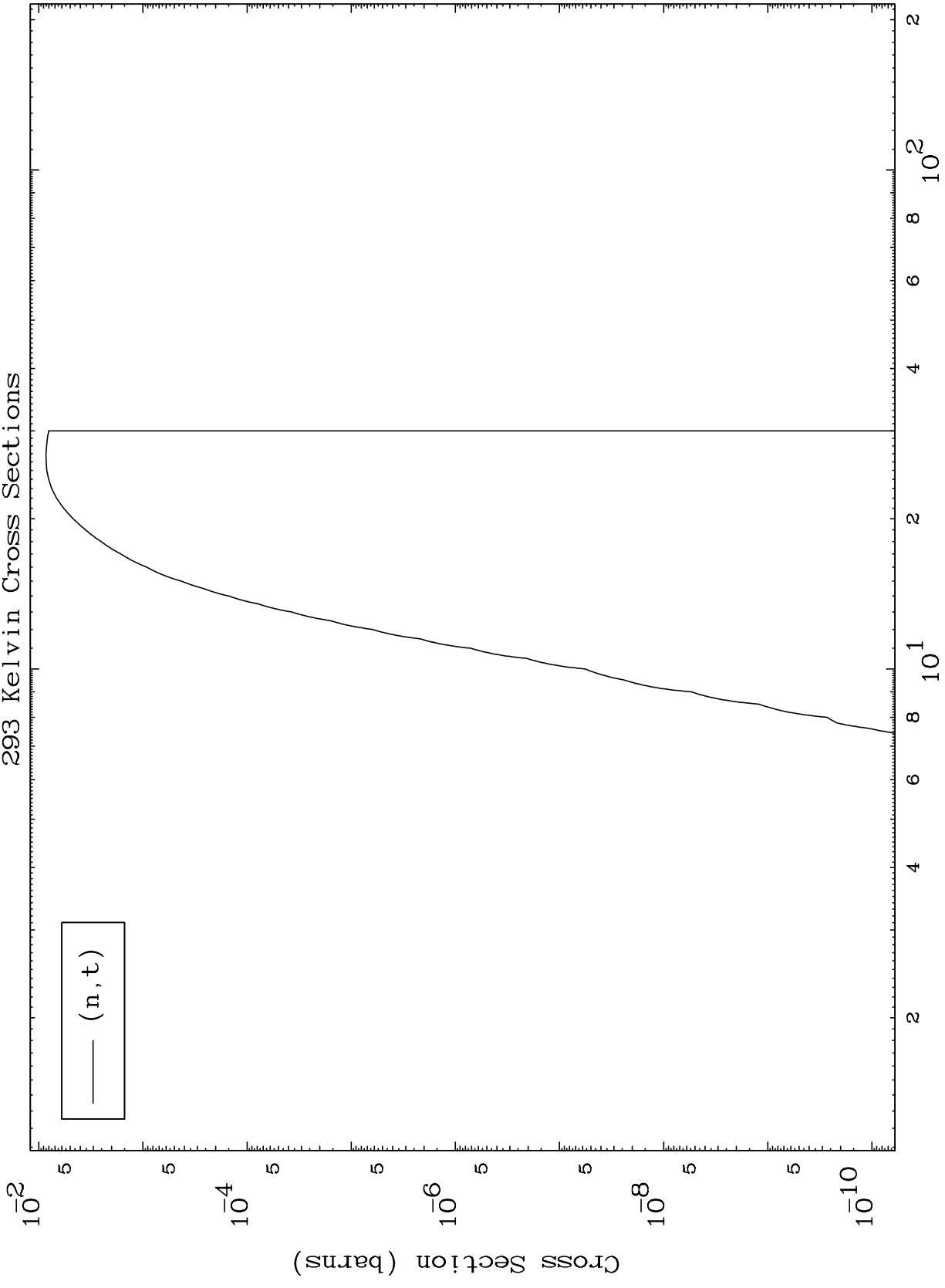
Incident Energy (MeV)

85-At-208

MAT 8540

85-At-208

(n,t) Levels
293 Kelvin Cross Sections



12

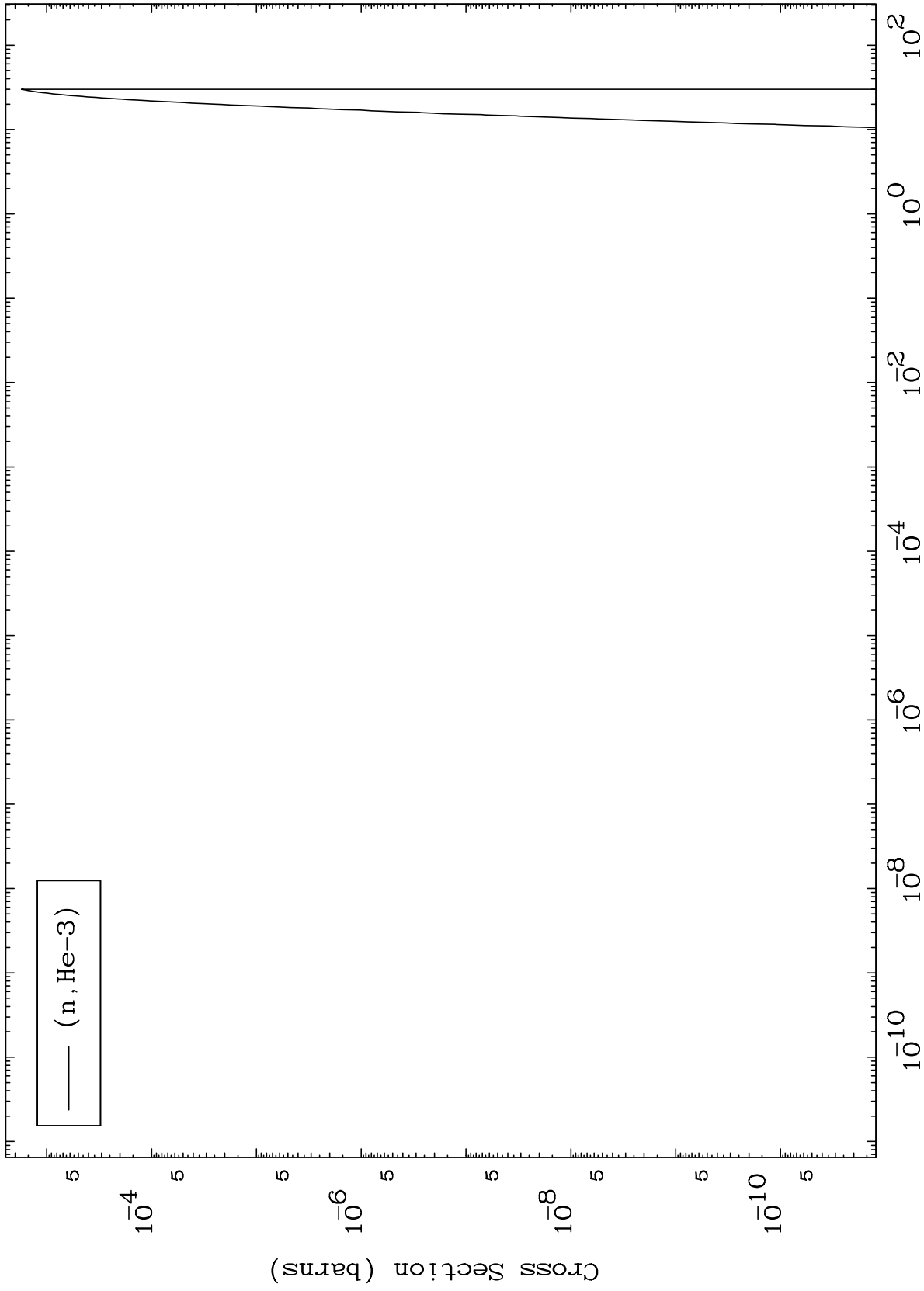
Incident Energy (MeV)

85-At-208

MAT 8540

(n,He3) Levels
293 Kelvin Cross Sections

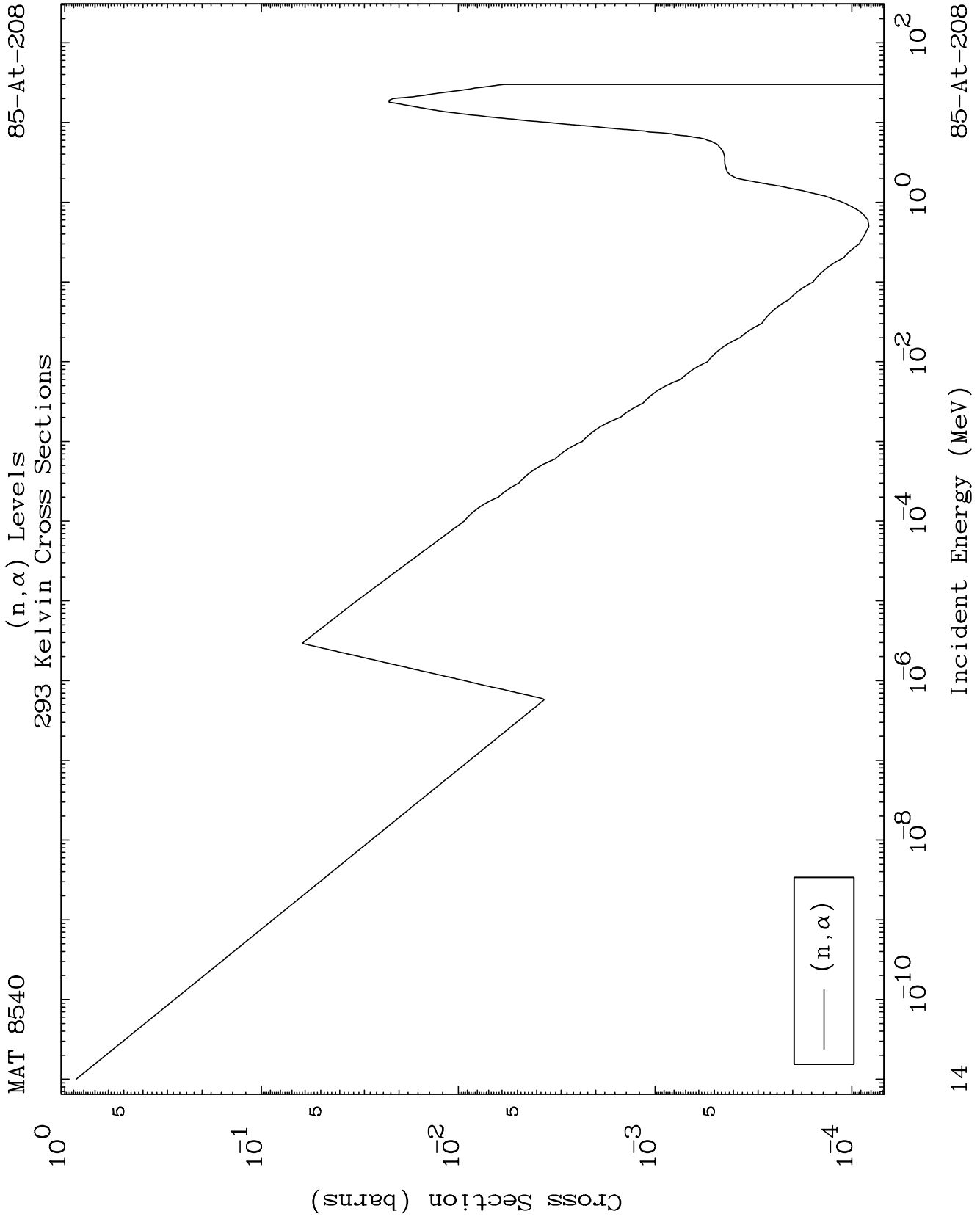
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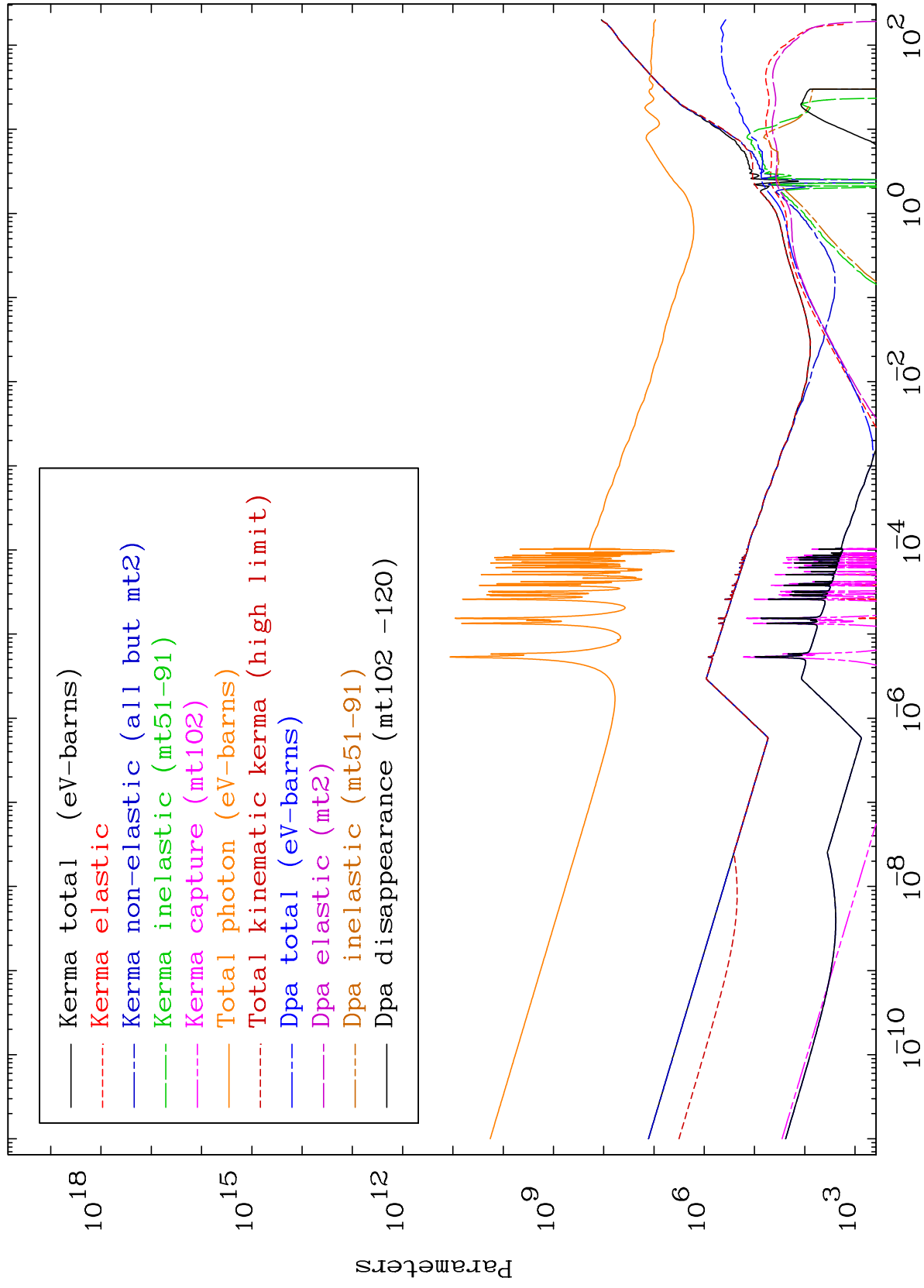


13

Incident Energy (MeV)

85-At-208

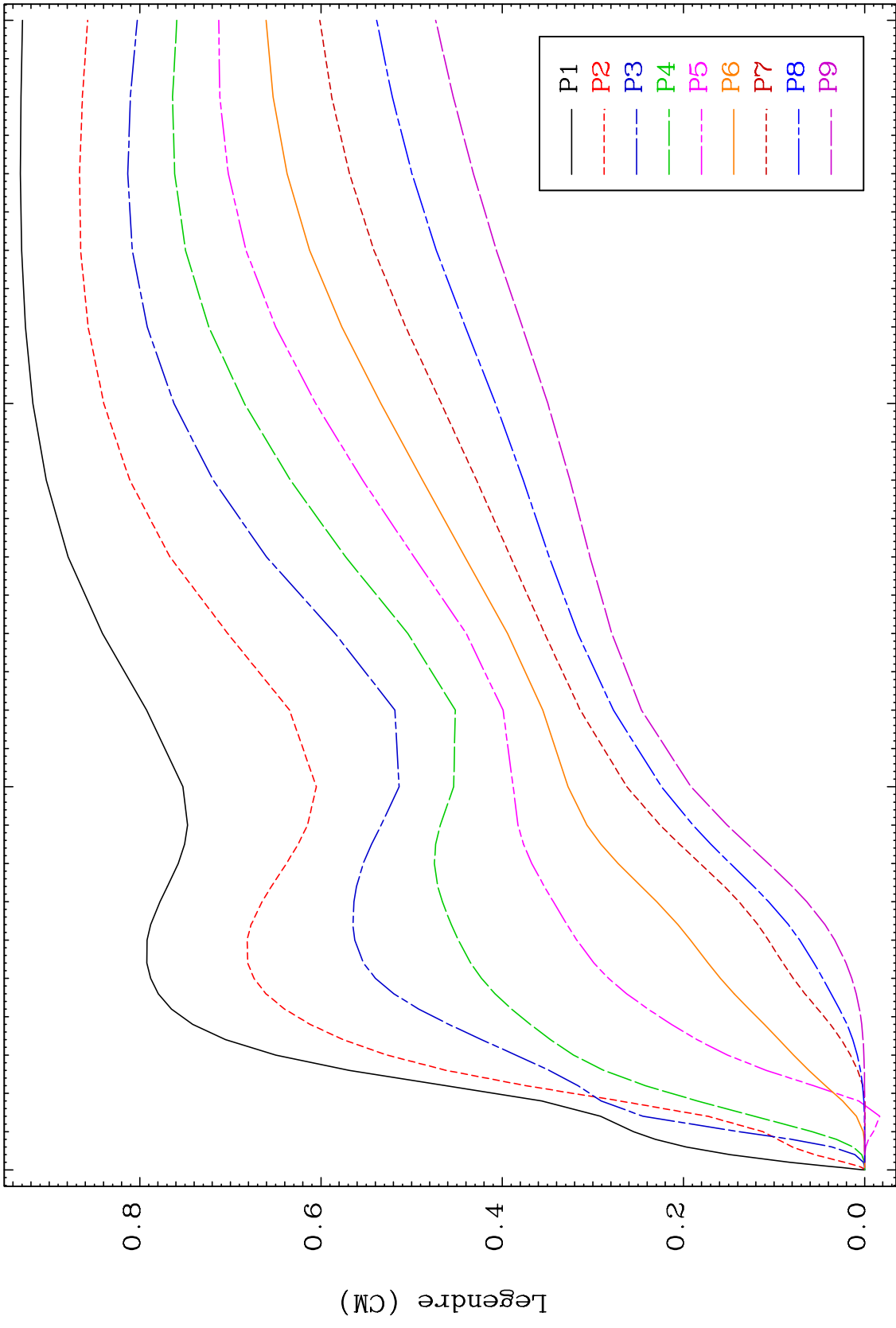




MAT 8540

Elastic Legendre Coefficients

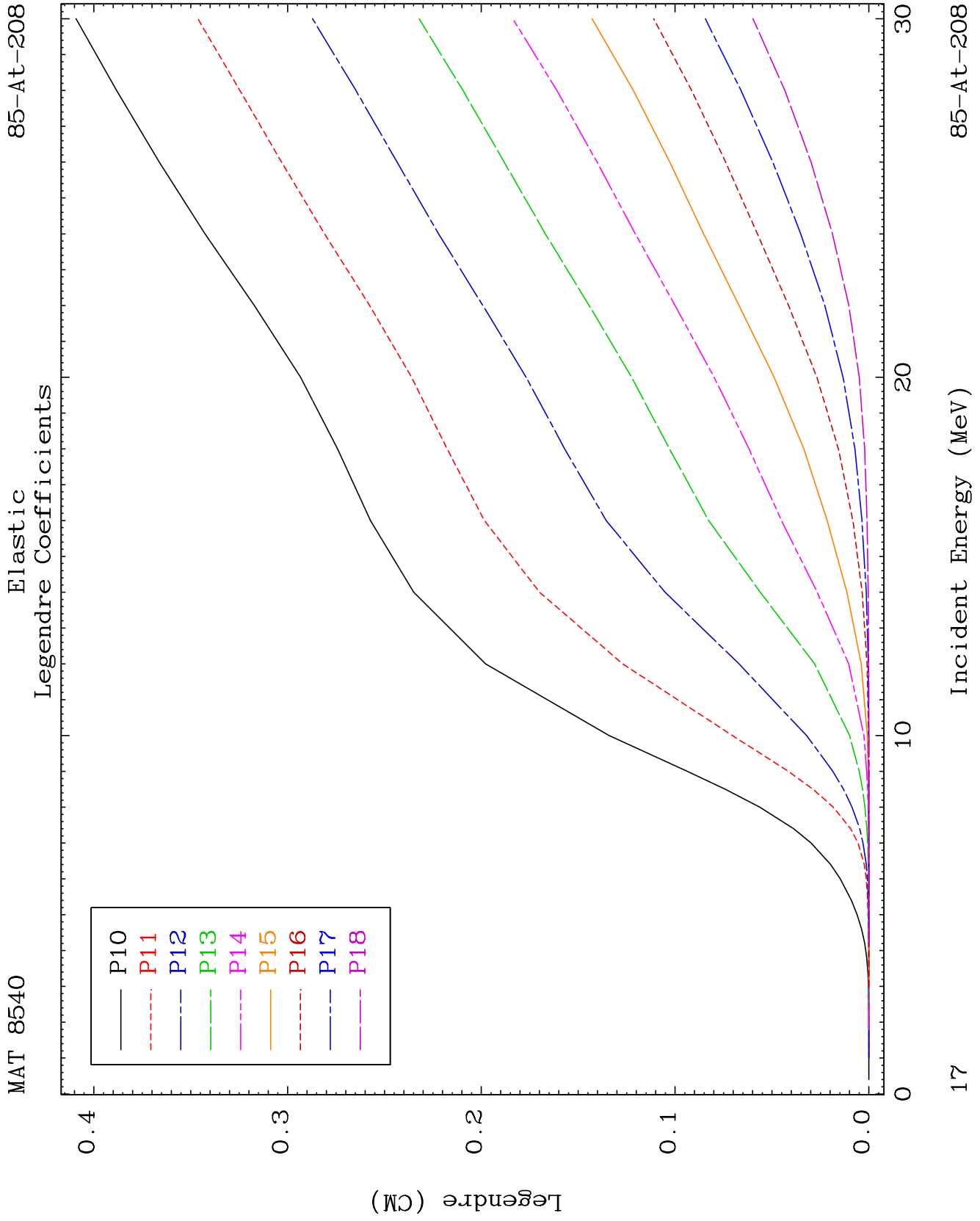
85-At-208



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Incident Energy (MeV)

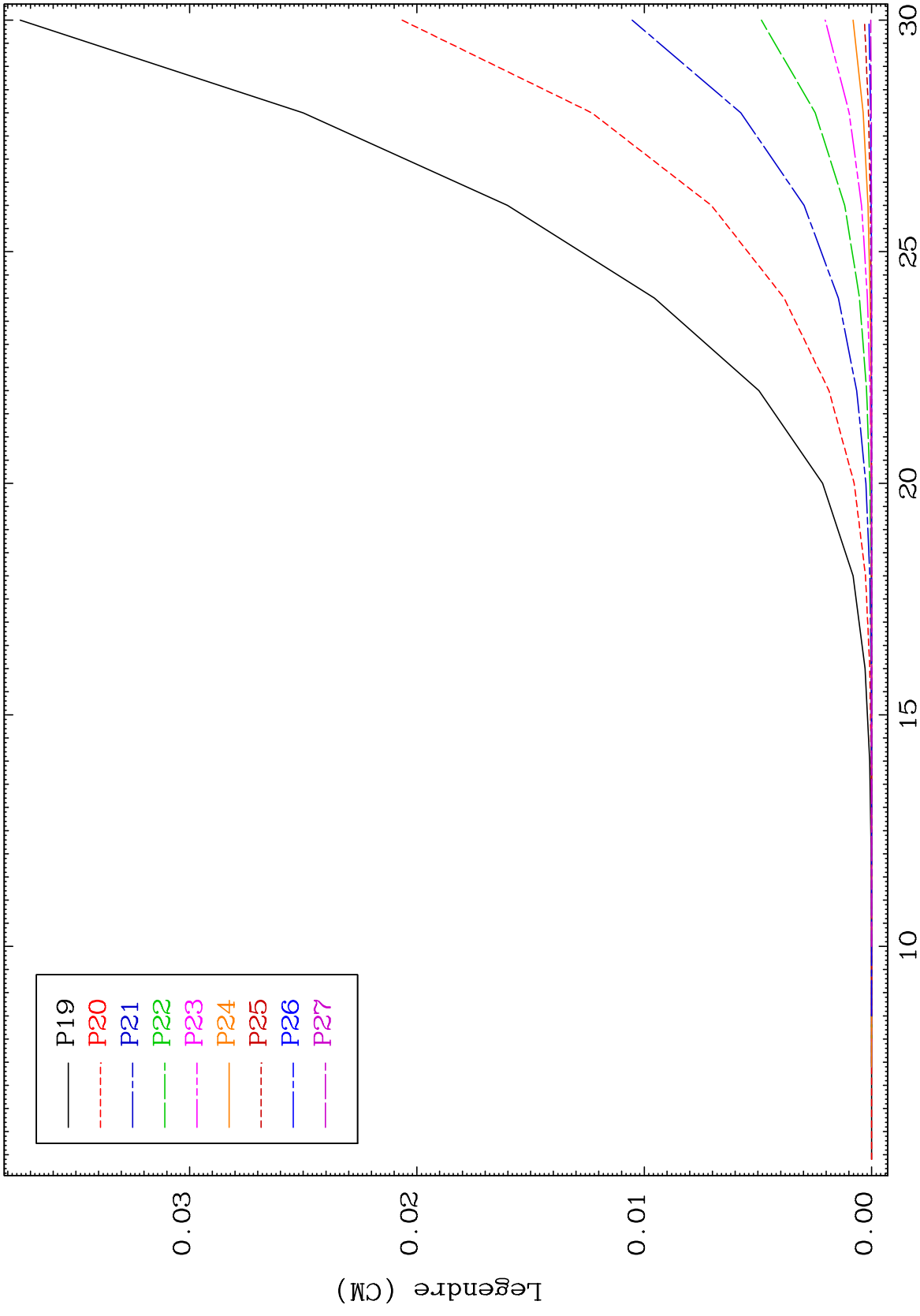
85-At-208



MAT 8540

Elastic Legendre Coefficients

85-At-208



18

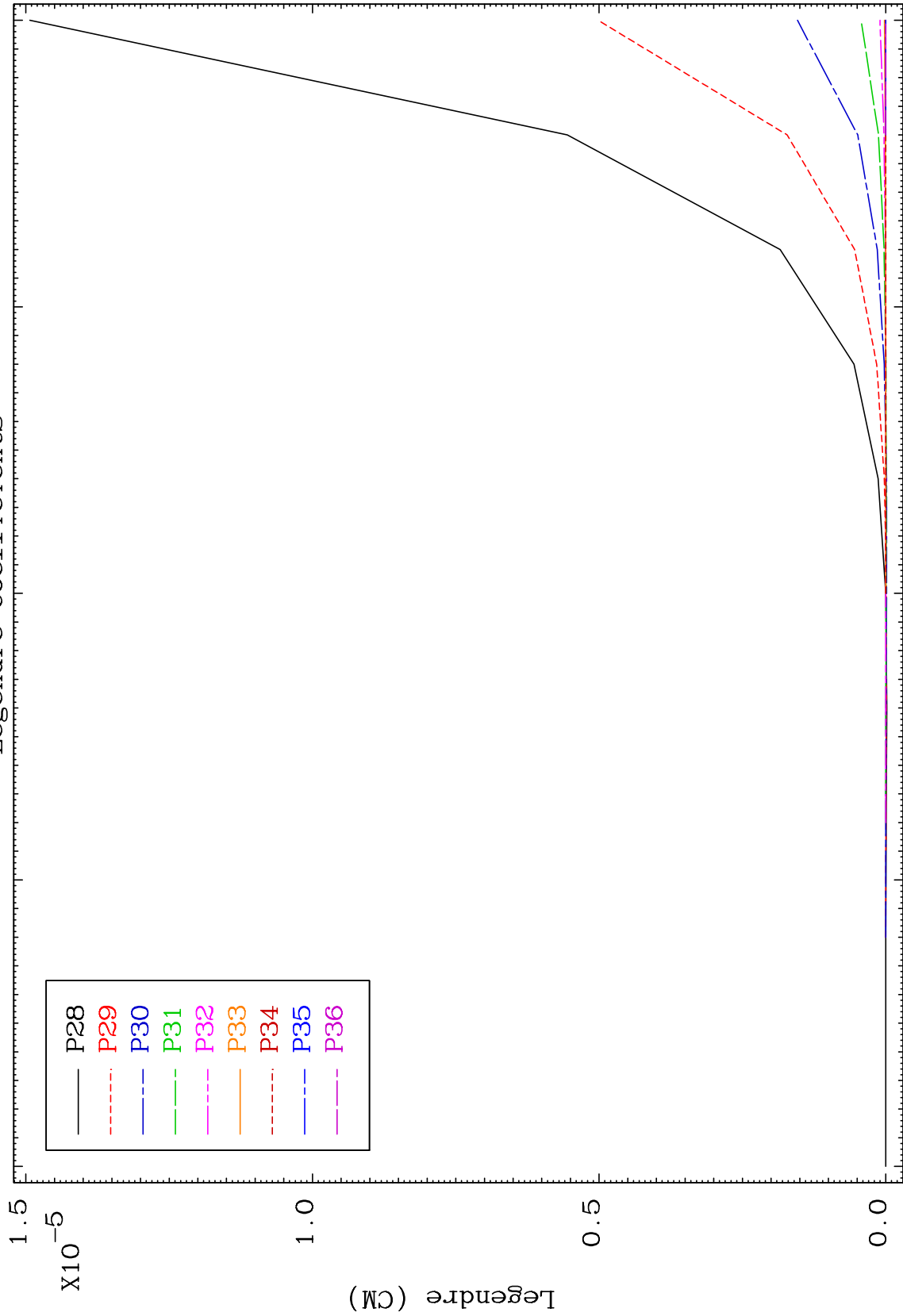
Incident Energy (MeV)

85-At-208

MAT 8540

Elastic Legendre Coefficients

85-At-208

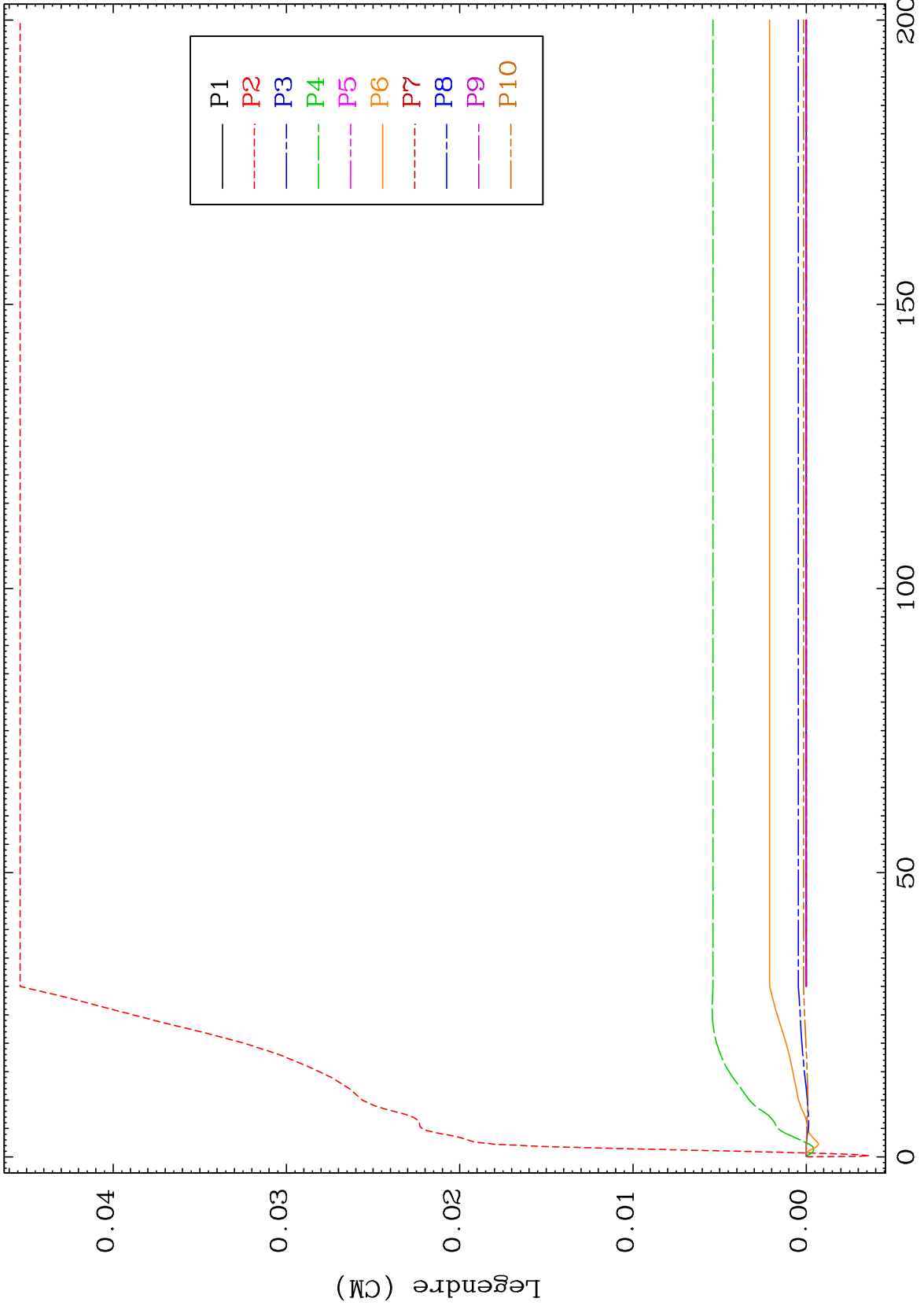


19

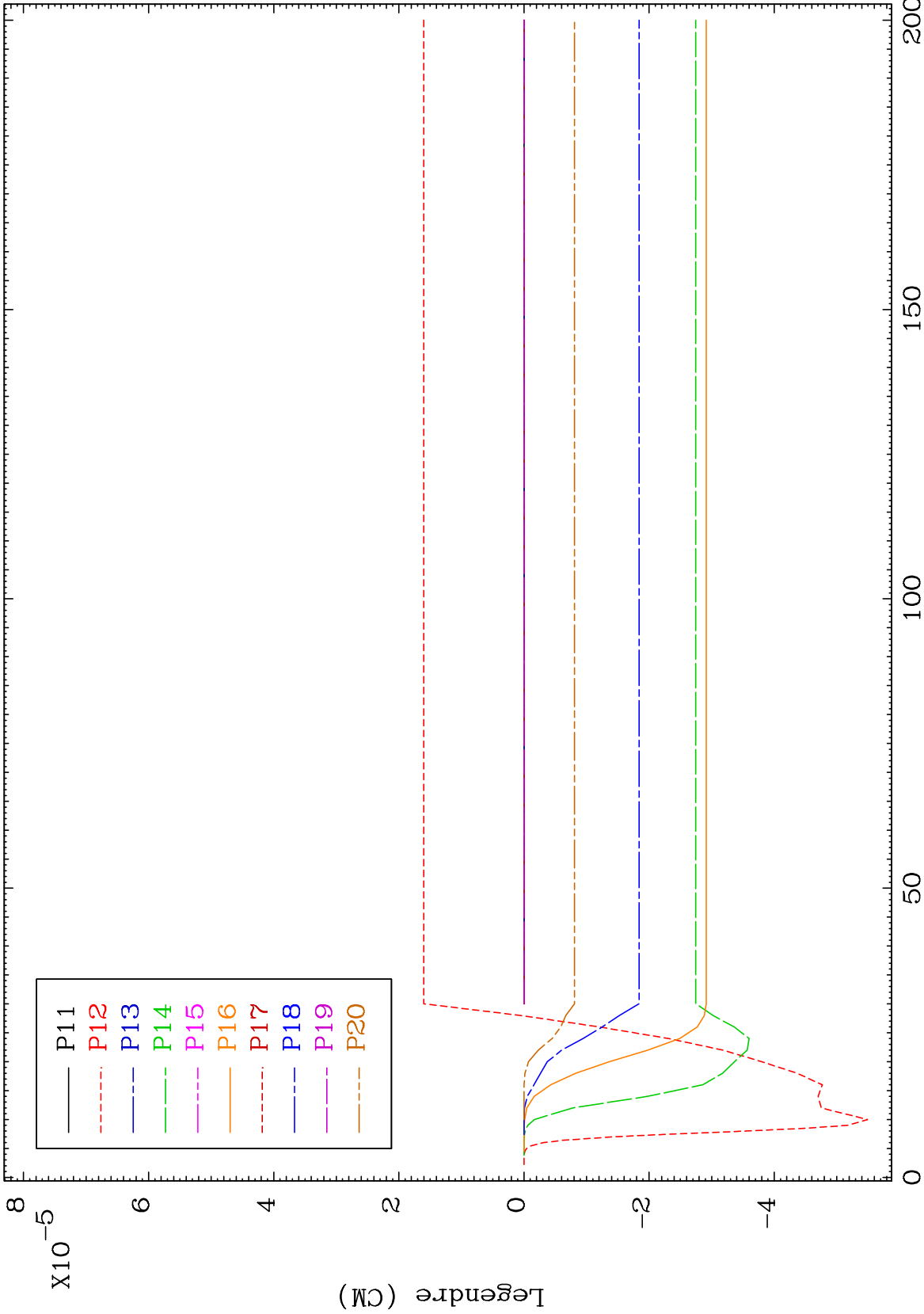
Incident Energy (MeV)

85-At-208

MAT 8540 MT= 51 (n,n') Level Legendre Coefficients 85-At-208



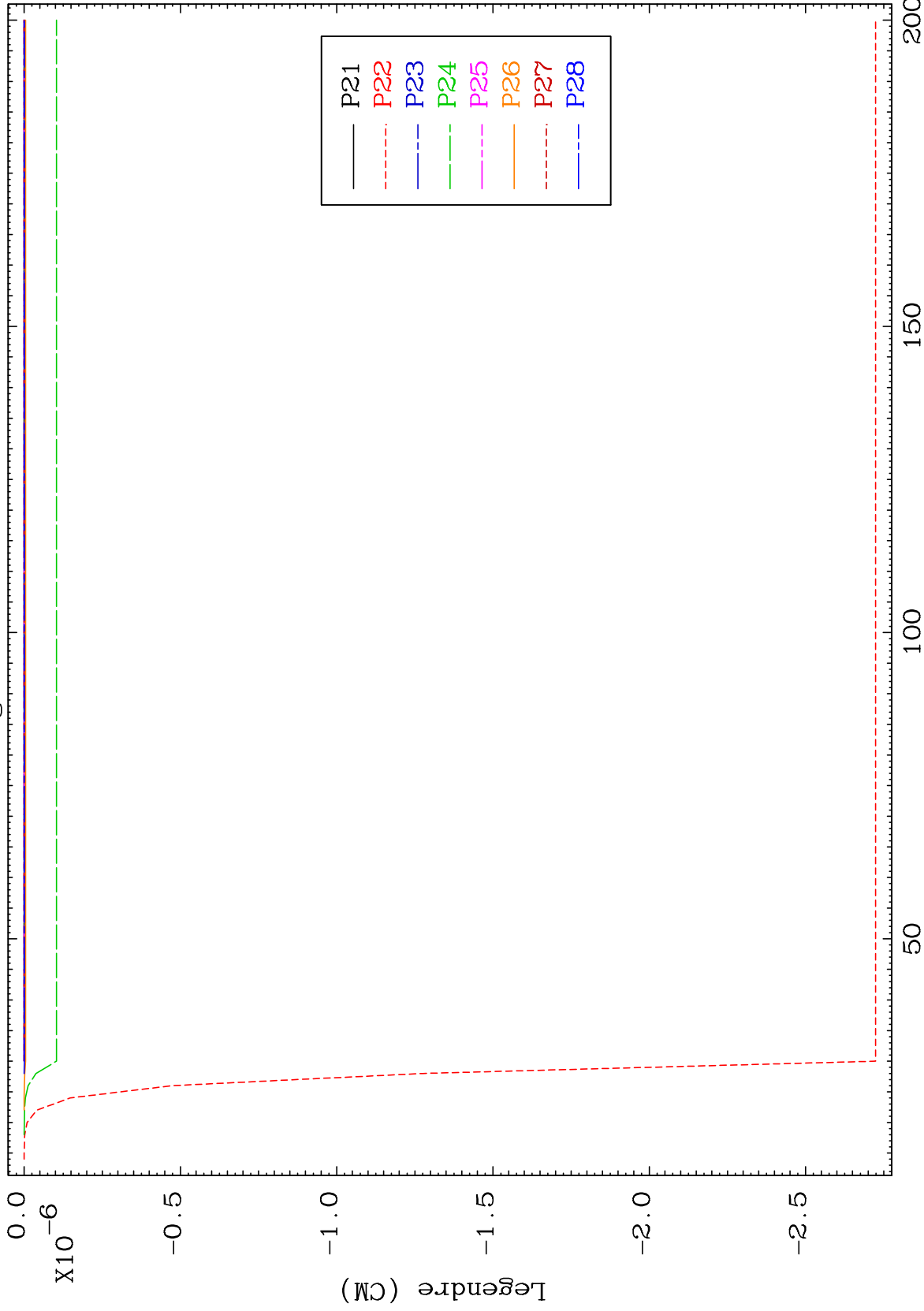
Legendre (CM) Incident Energy (MeV) 85-At-208



MAT 8540

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

85-At-208



85-At-208

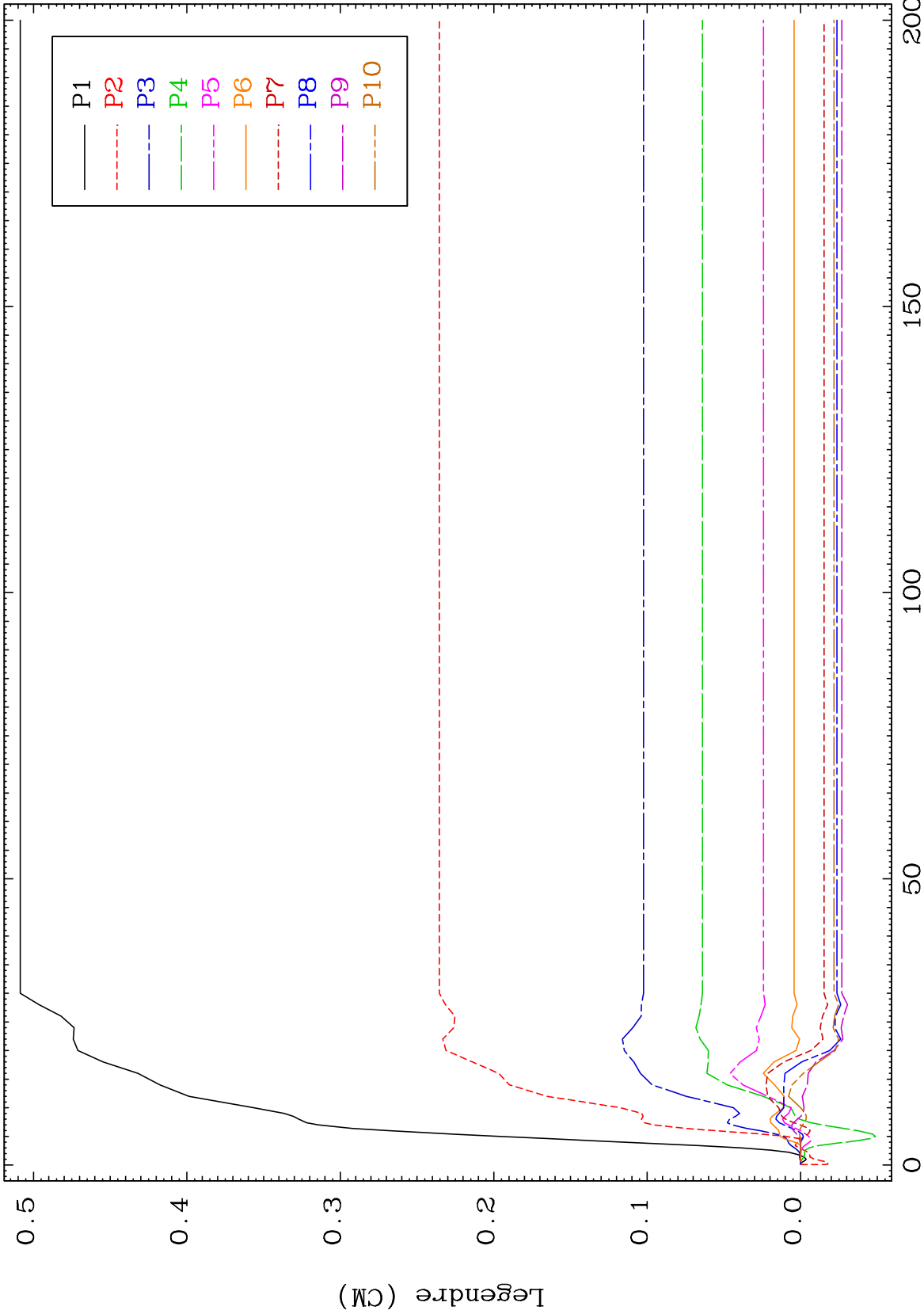
Incident Energy (MeV)

22

MAT 8540

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

85-At-208



23

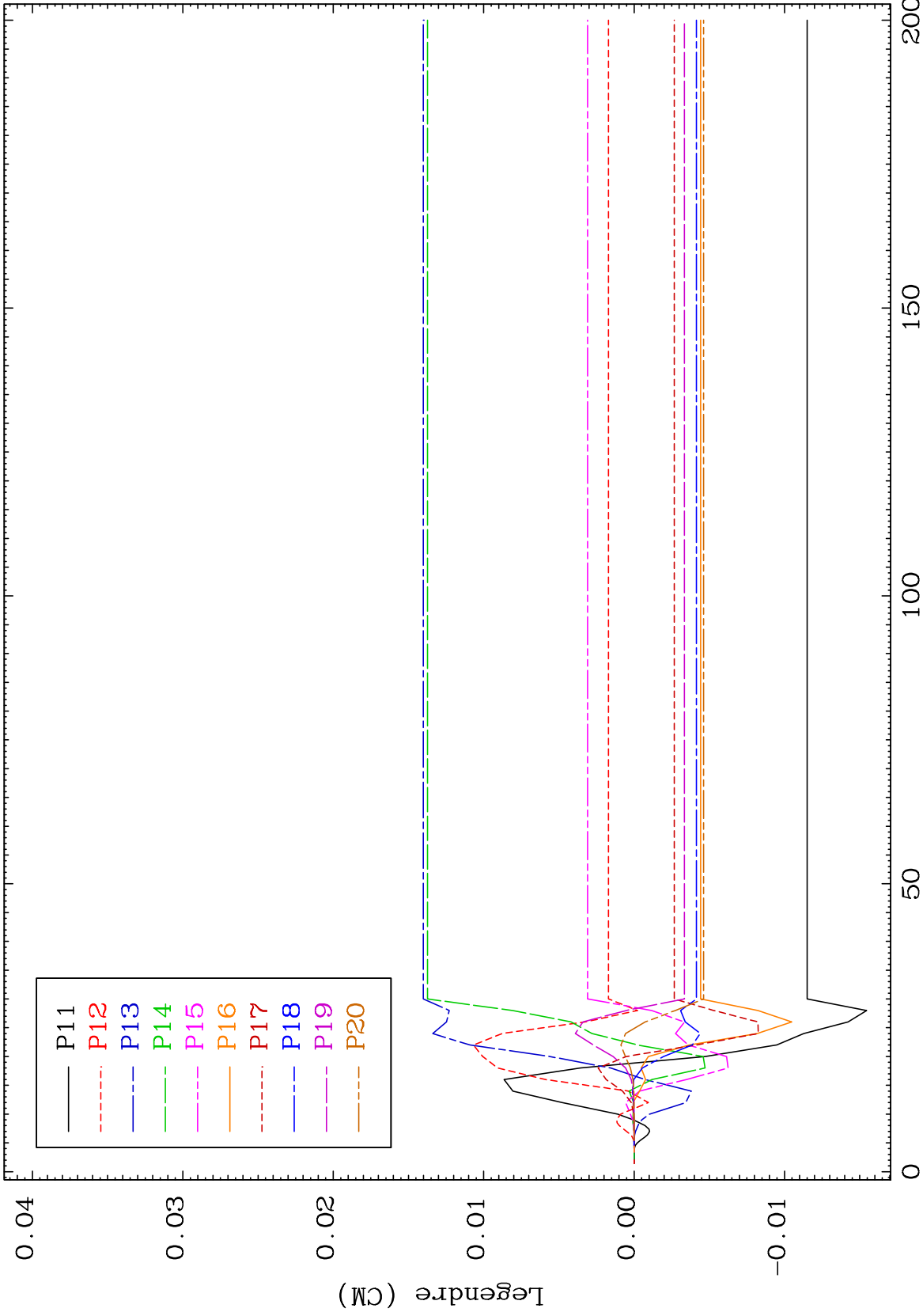
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



24

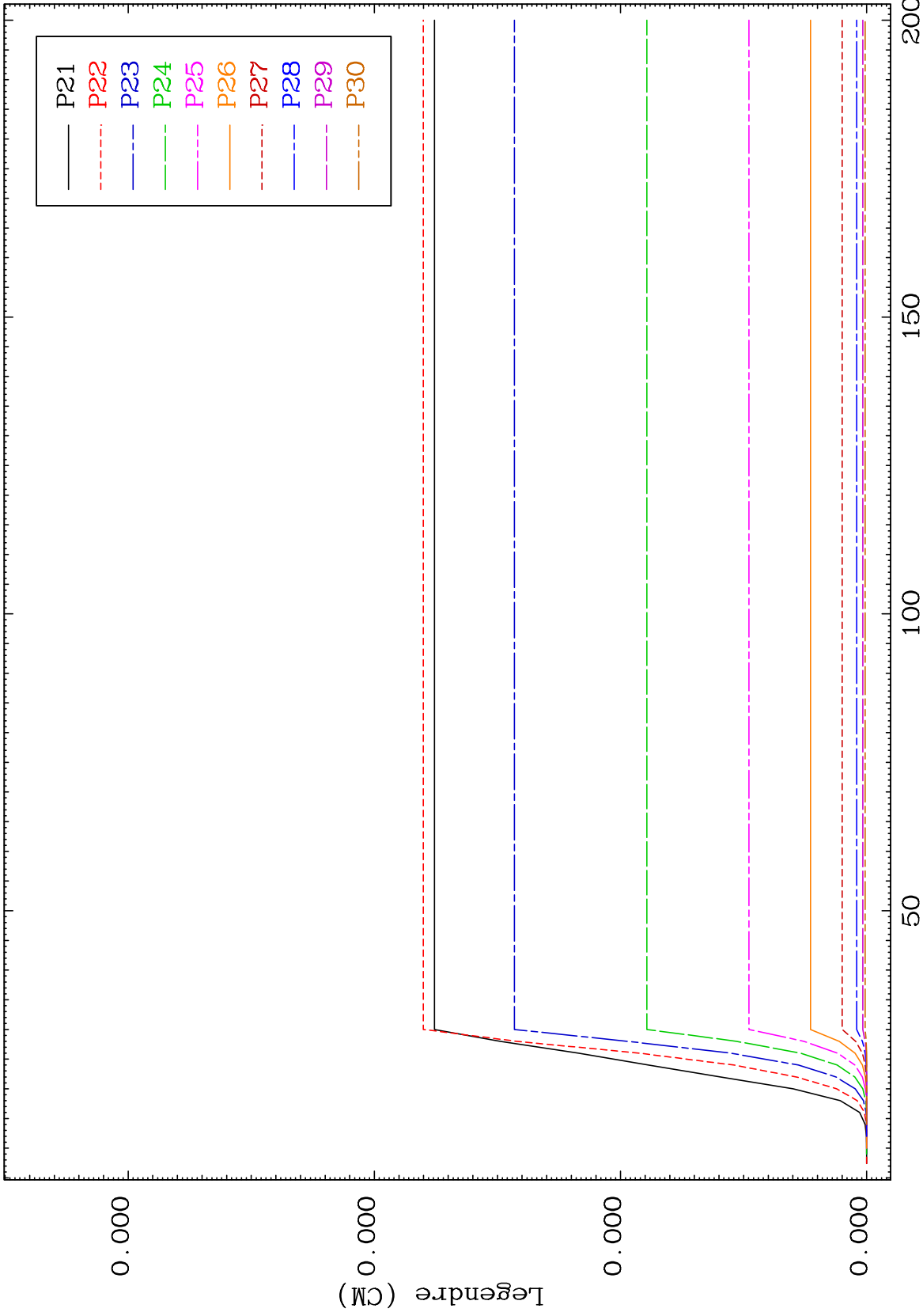
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



25

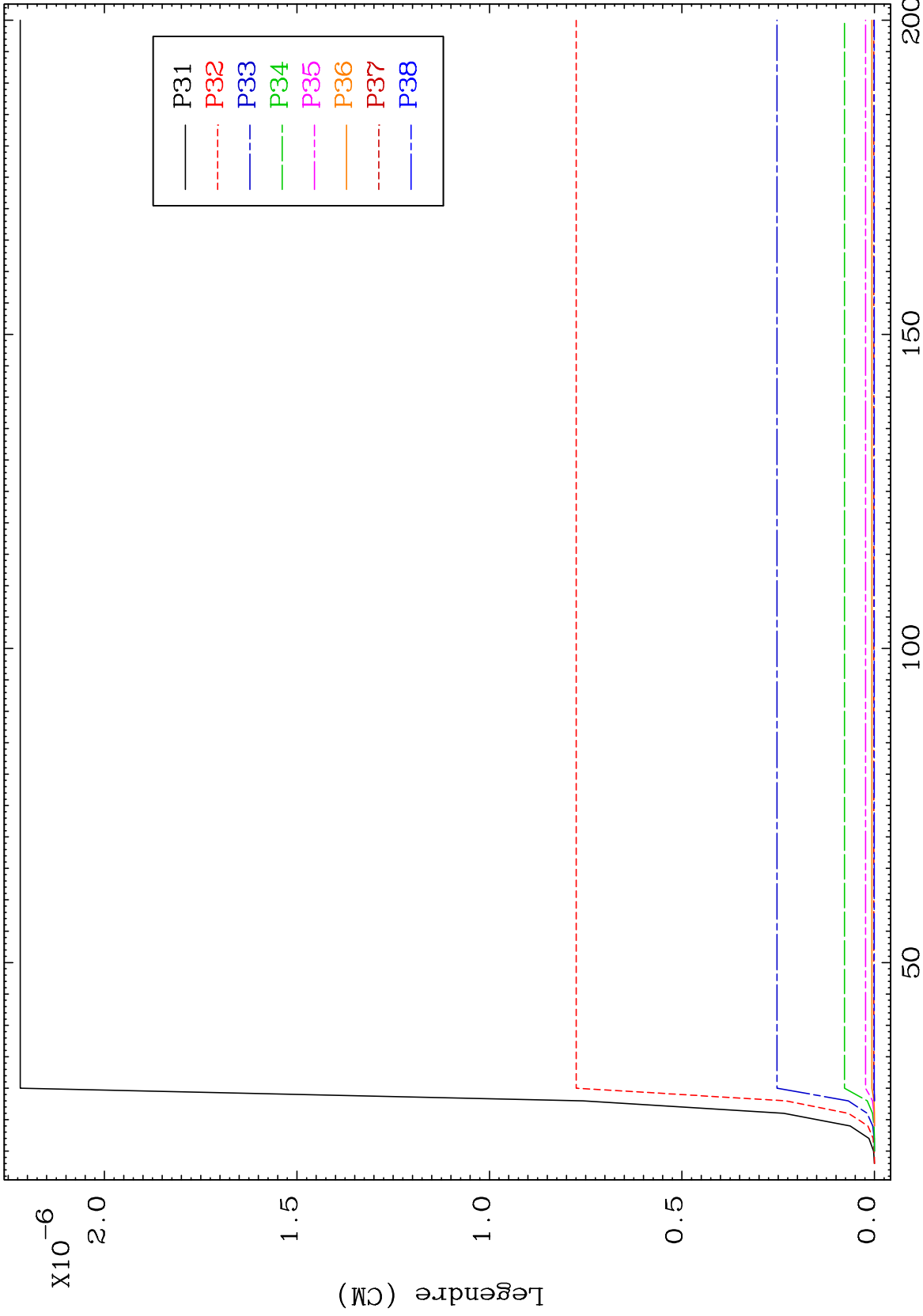
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



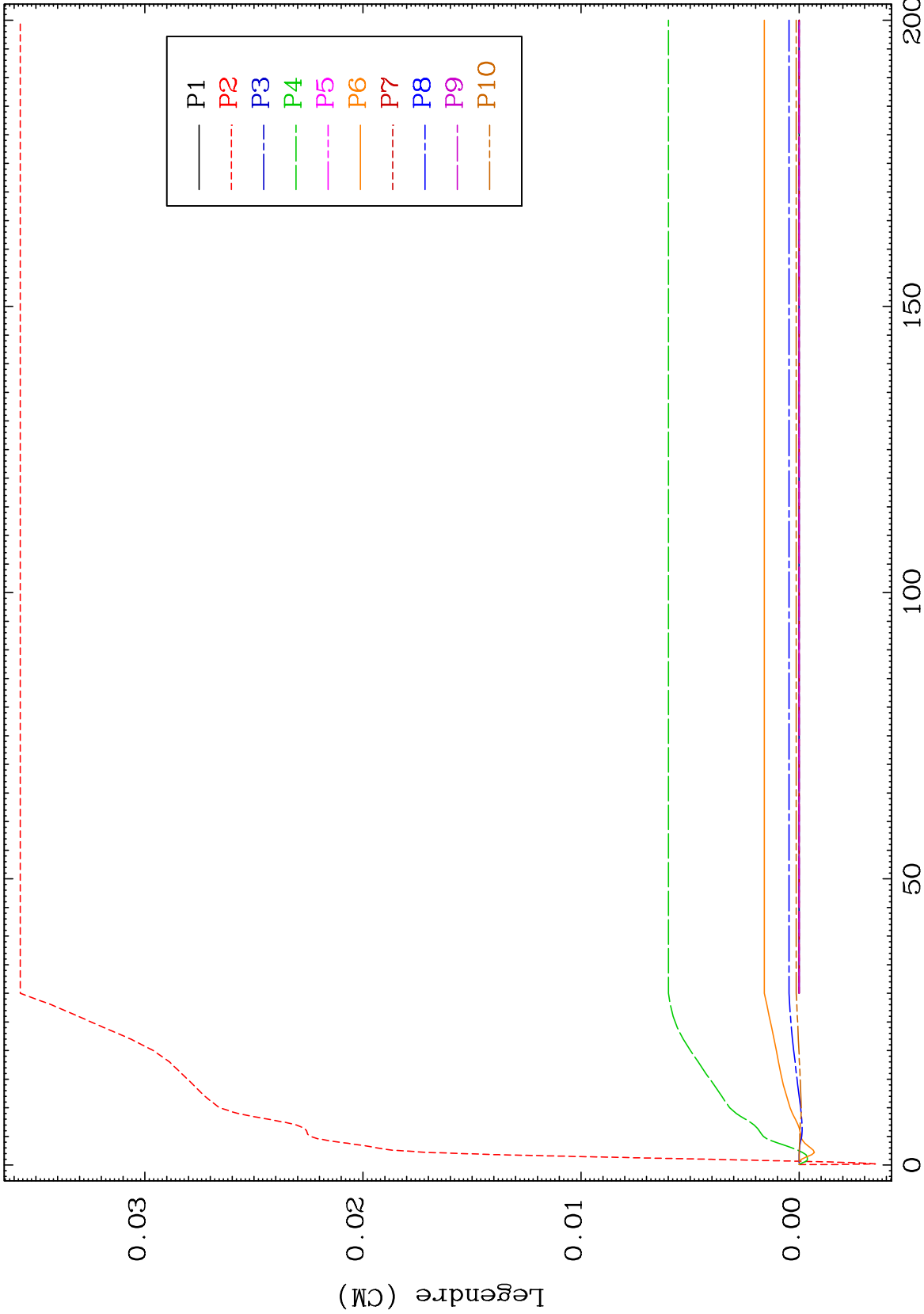
26

85-At-208

MAT 8540

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

85-At-208



27

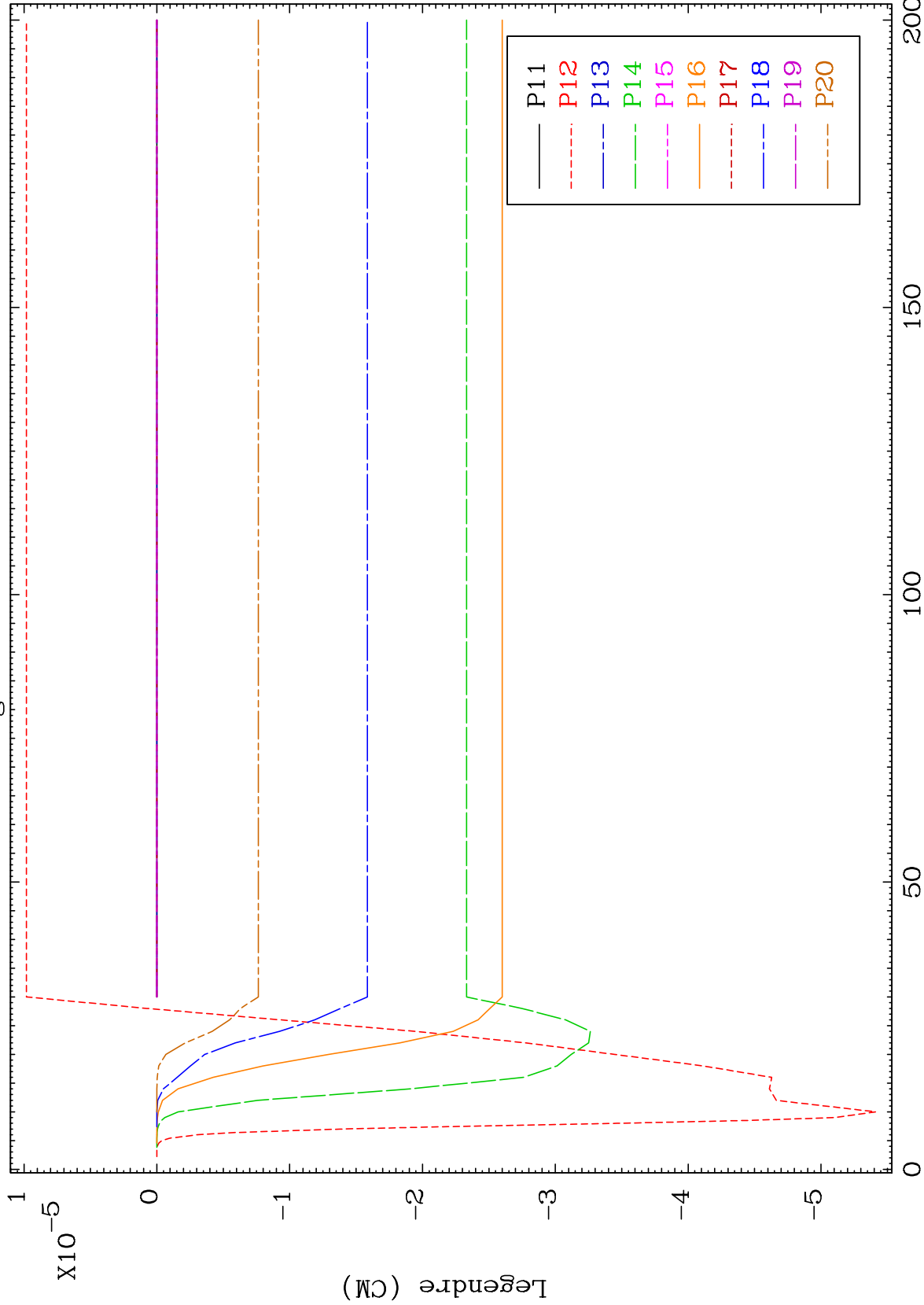
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



28

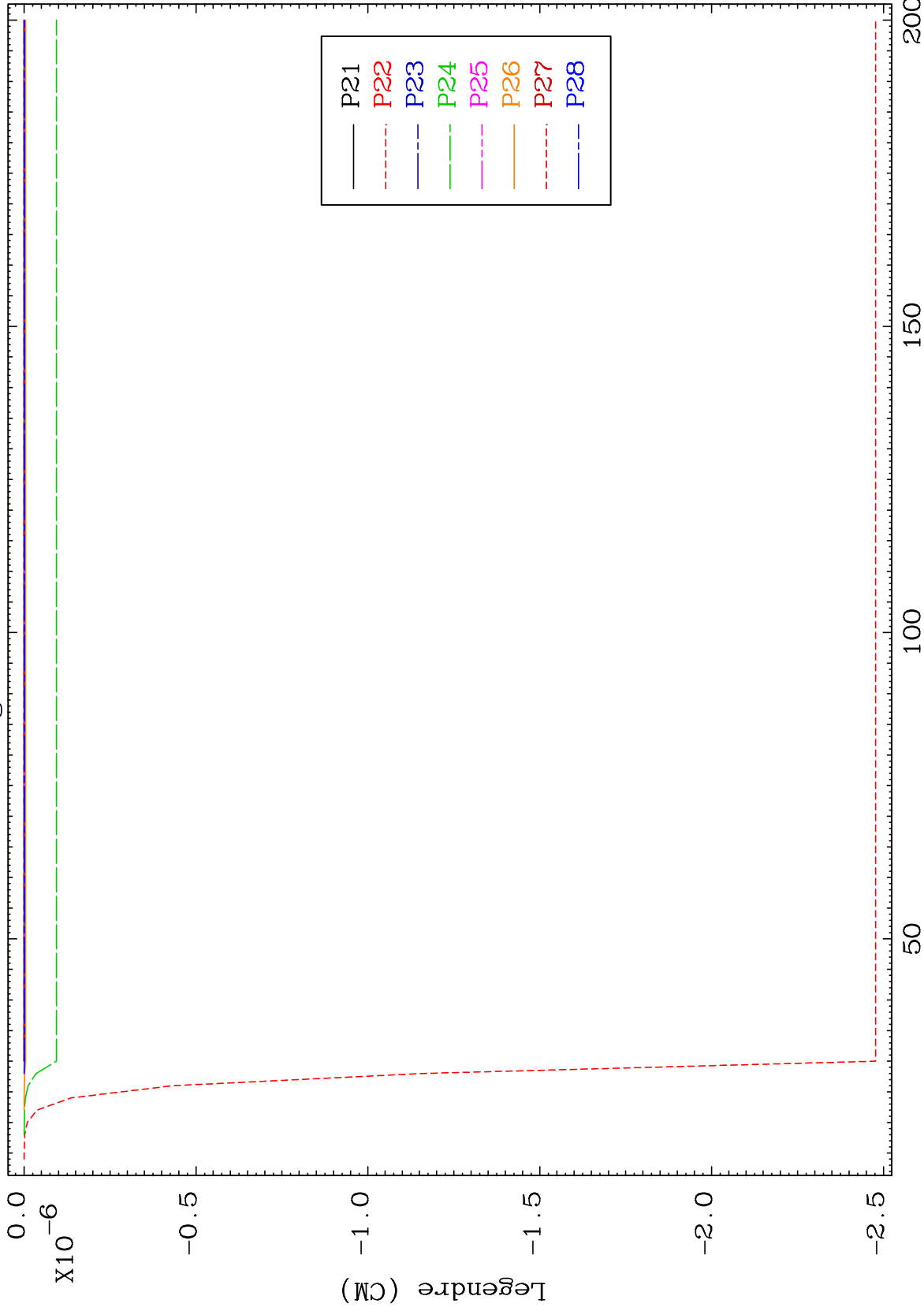
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



29

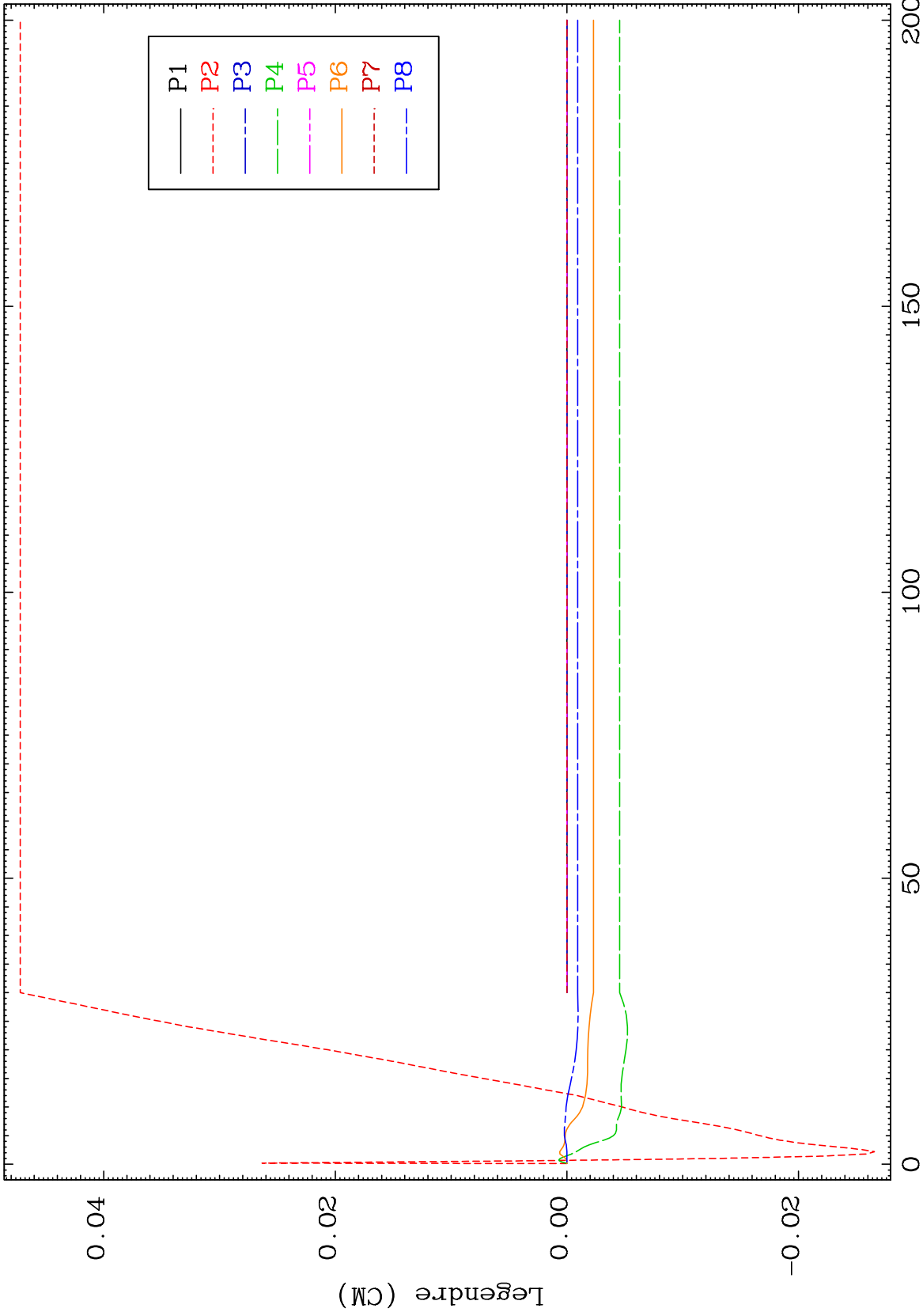
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



30

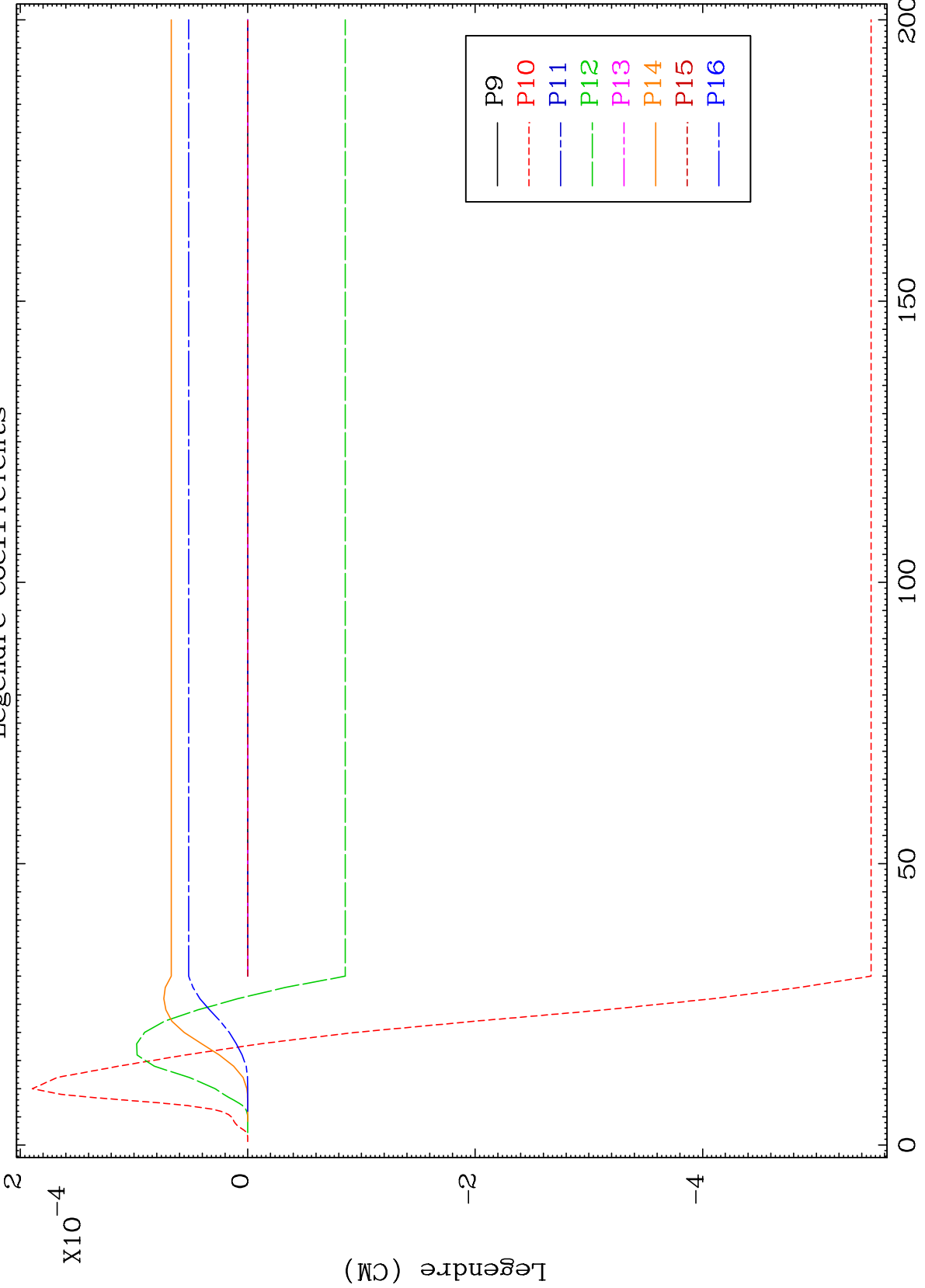
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



31

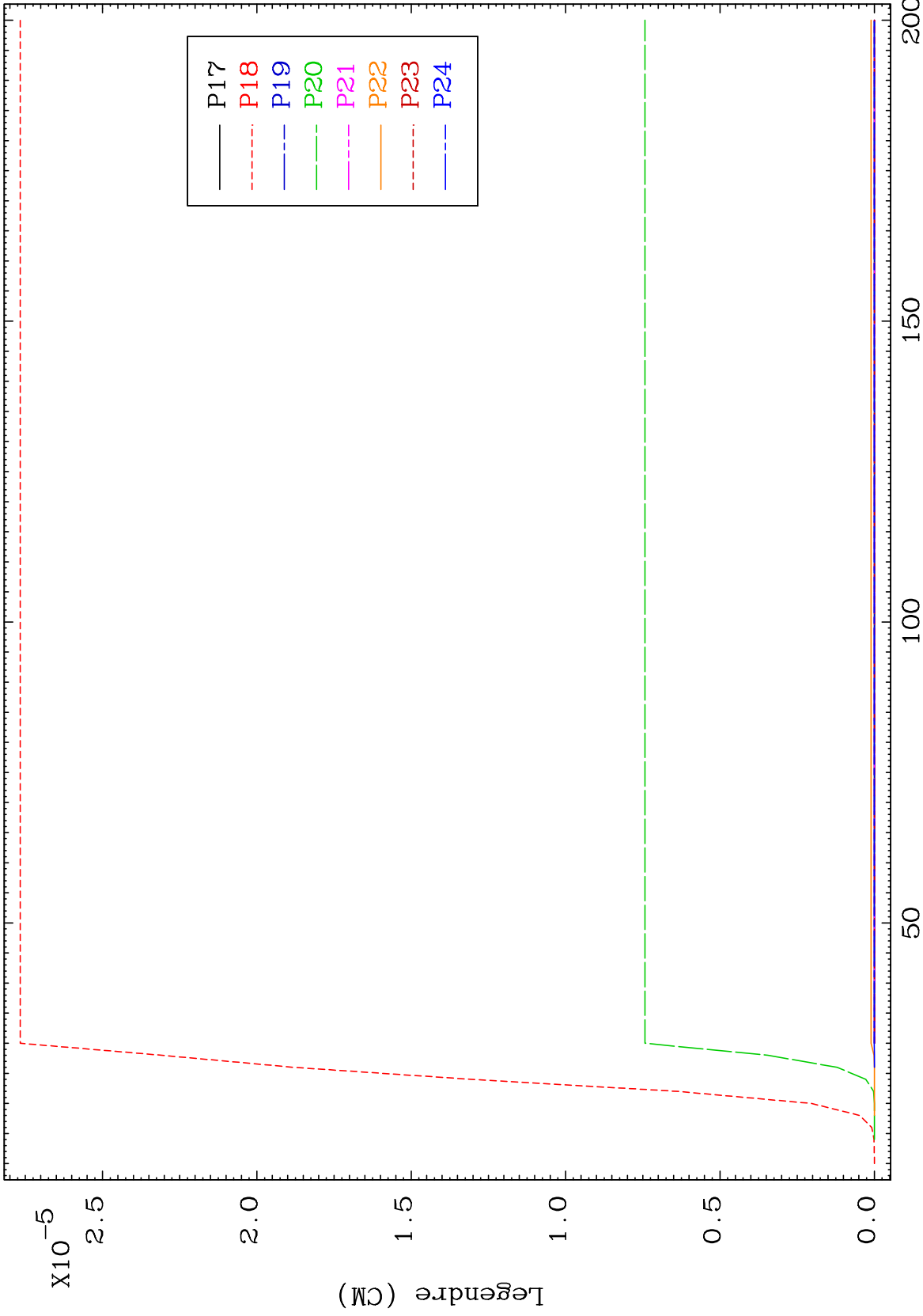
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



32

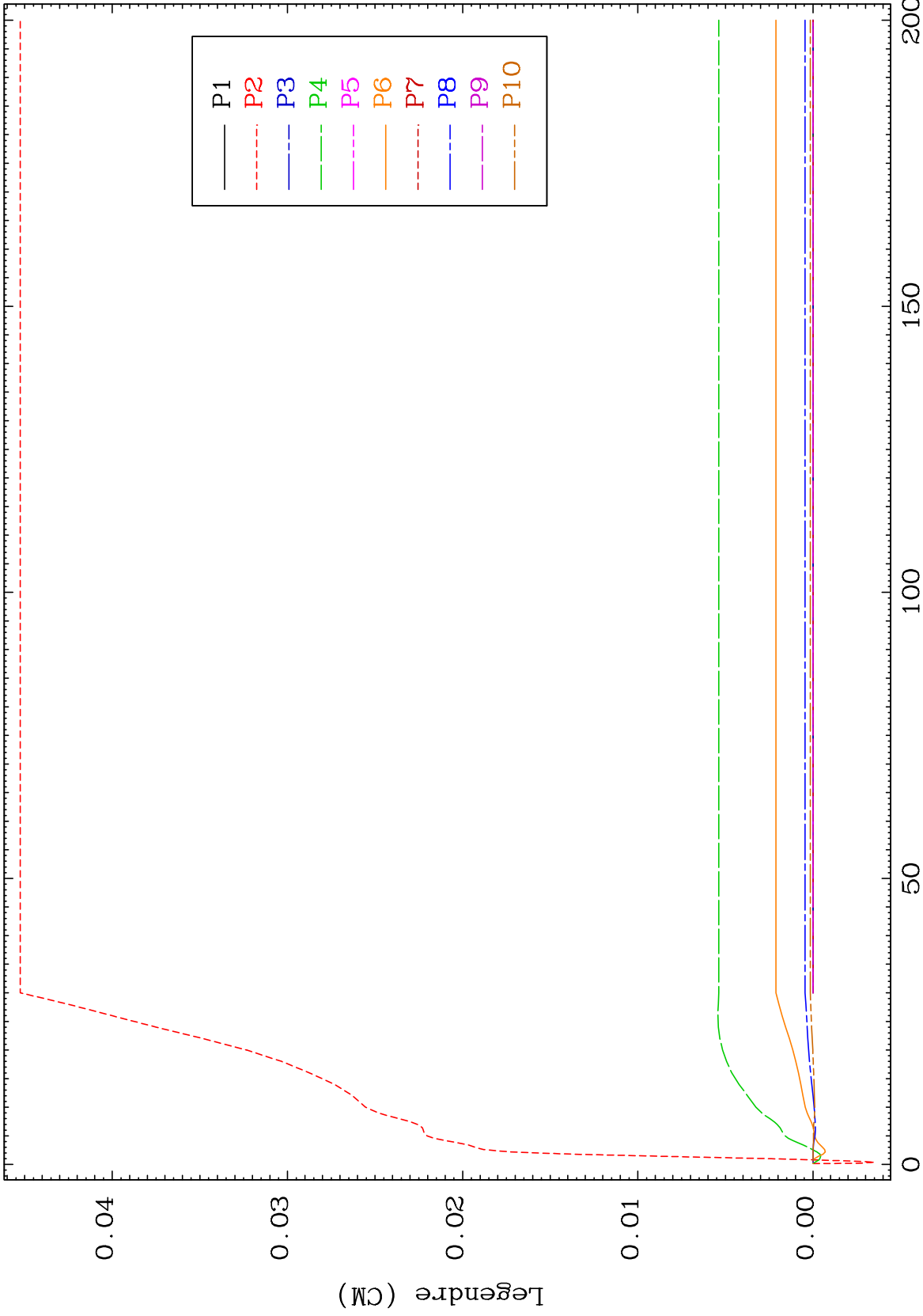
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



33

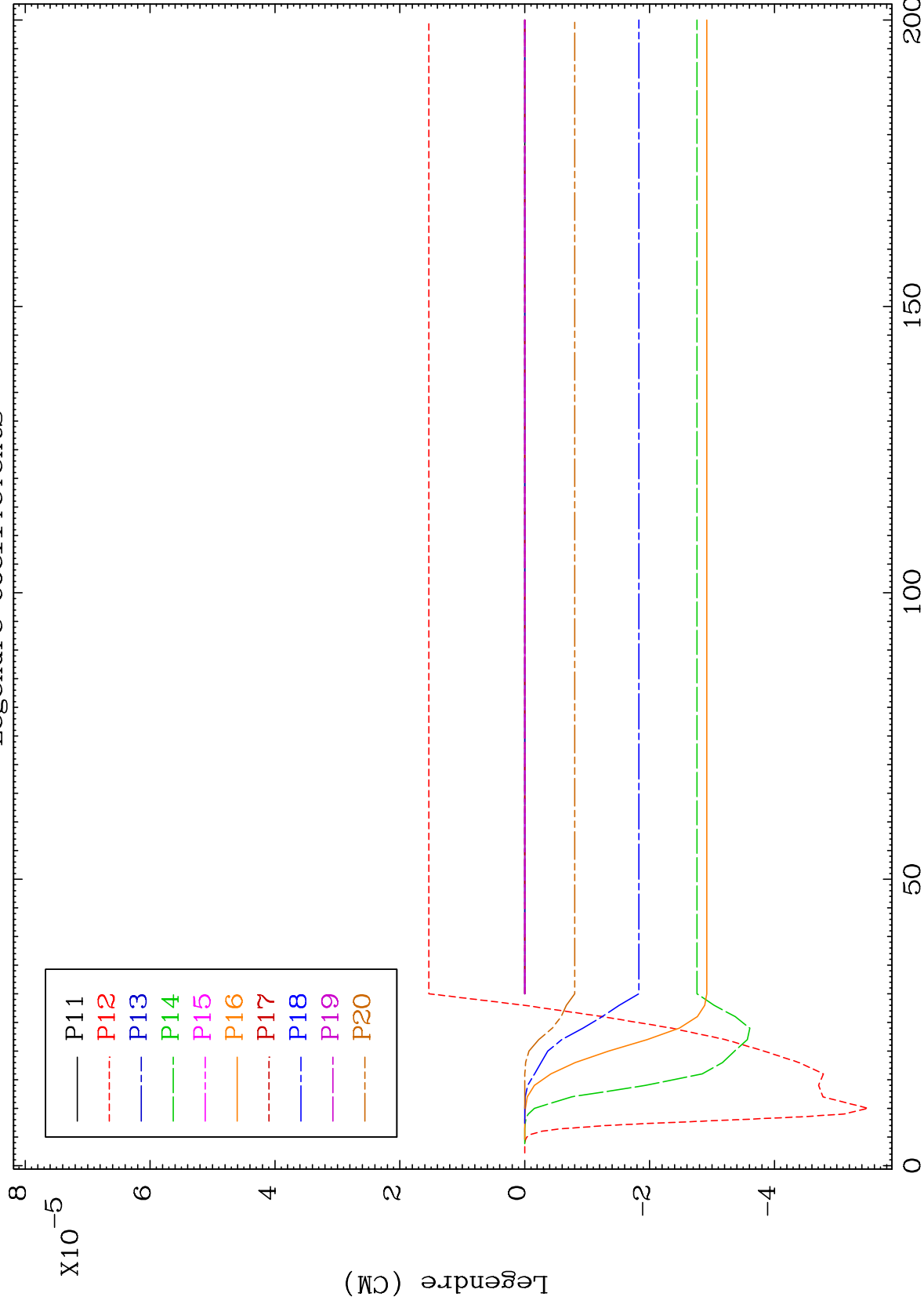
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



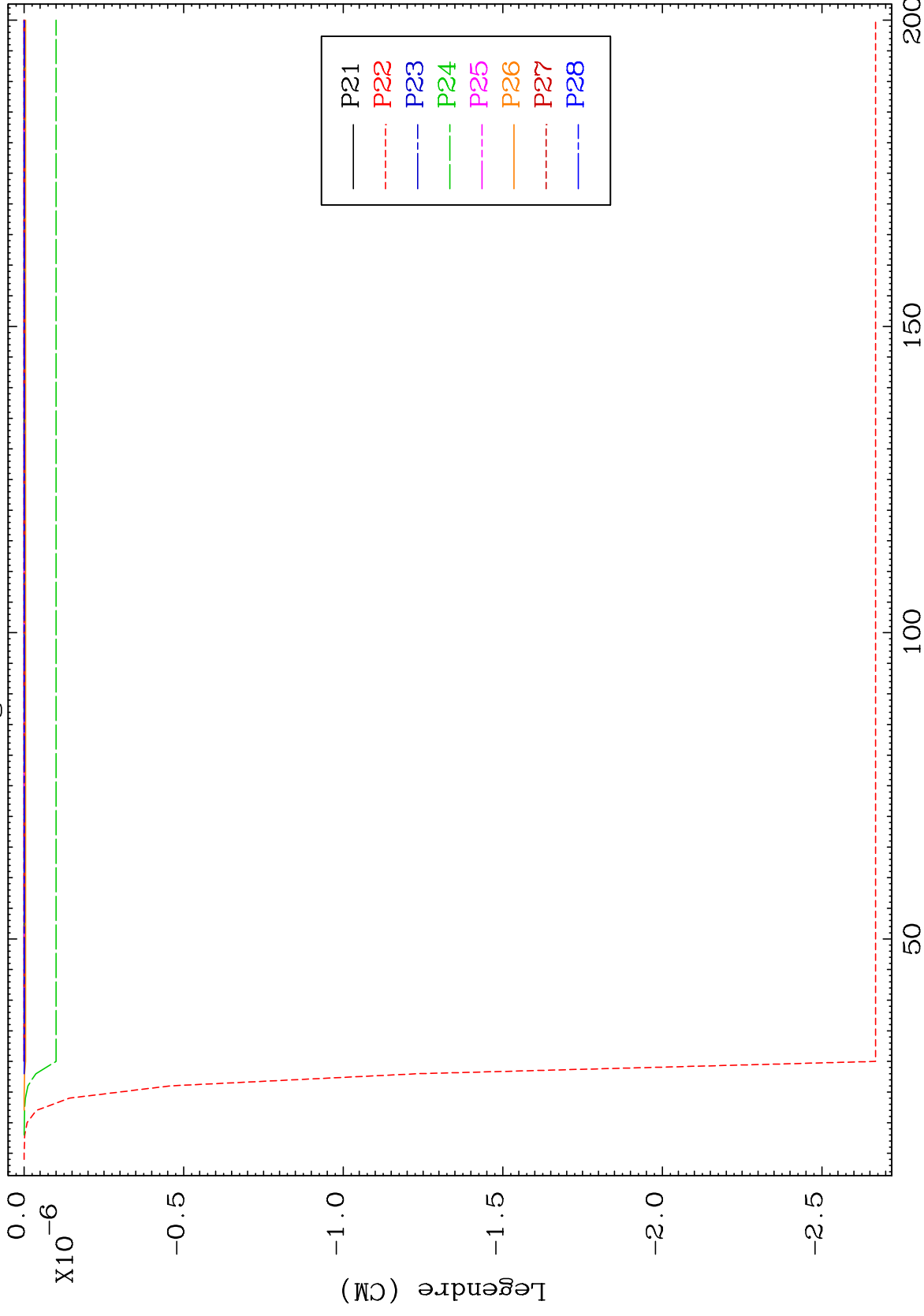
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85-At-208

MAT 8540

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

85-At-208



85-At-208

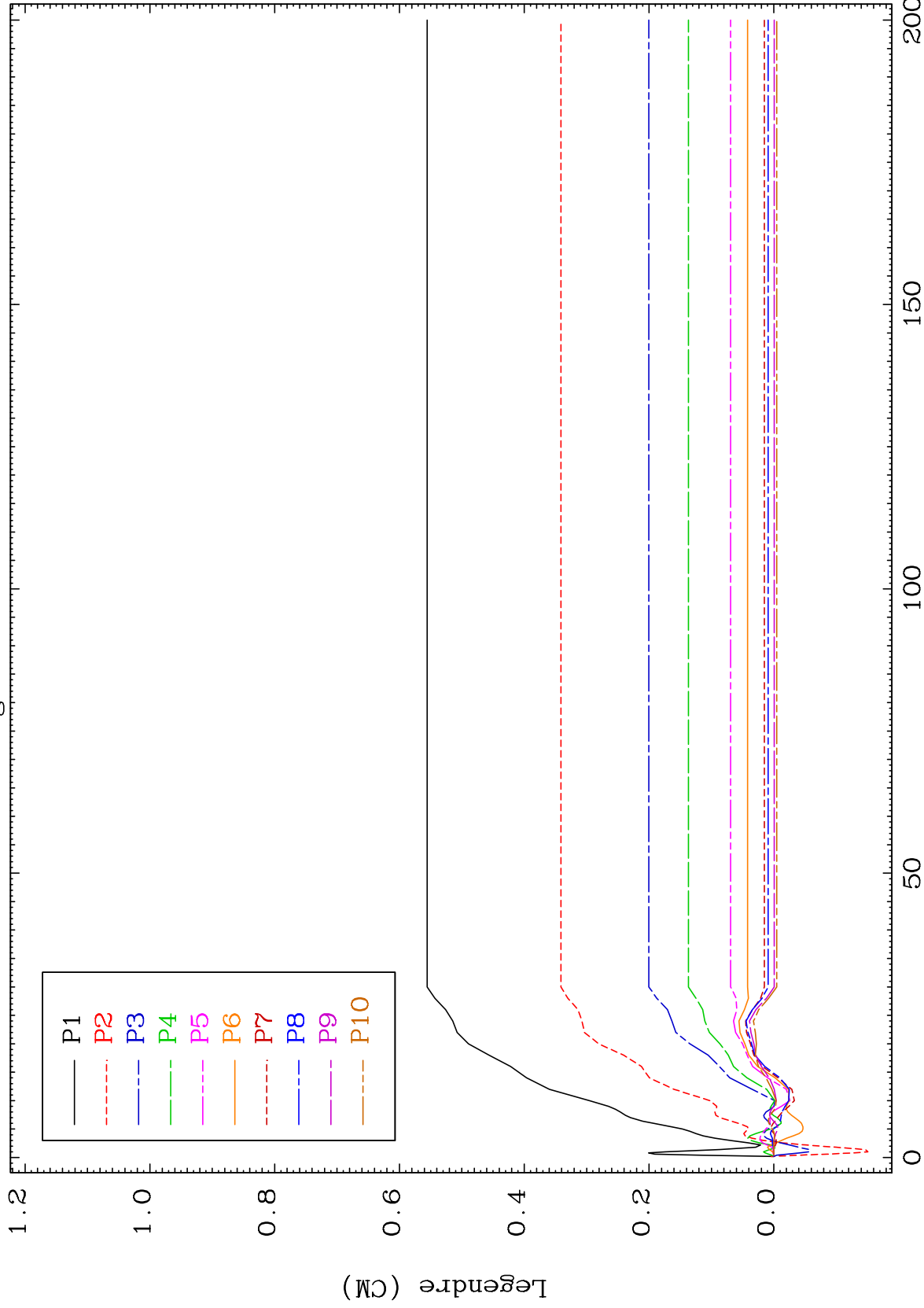
Incident Energy (MeV)

35

MAT 8540

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

85-At-208



36

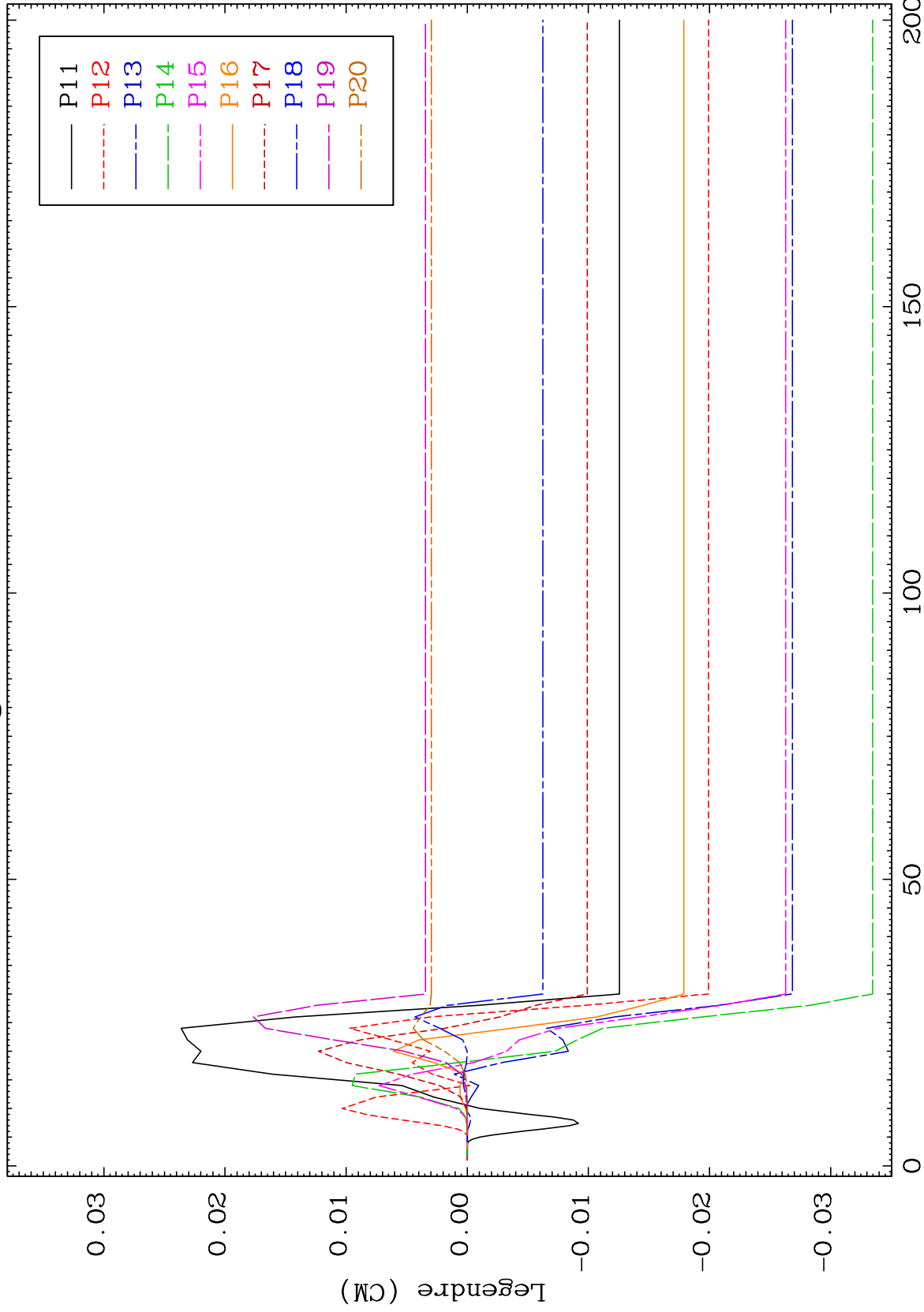
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



37

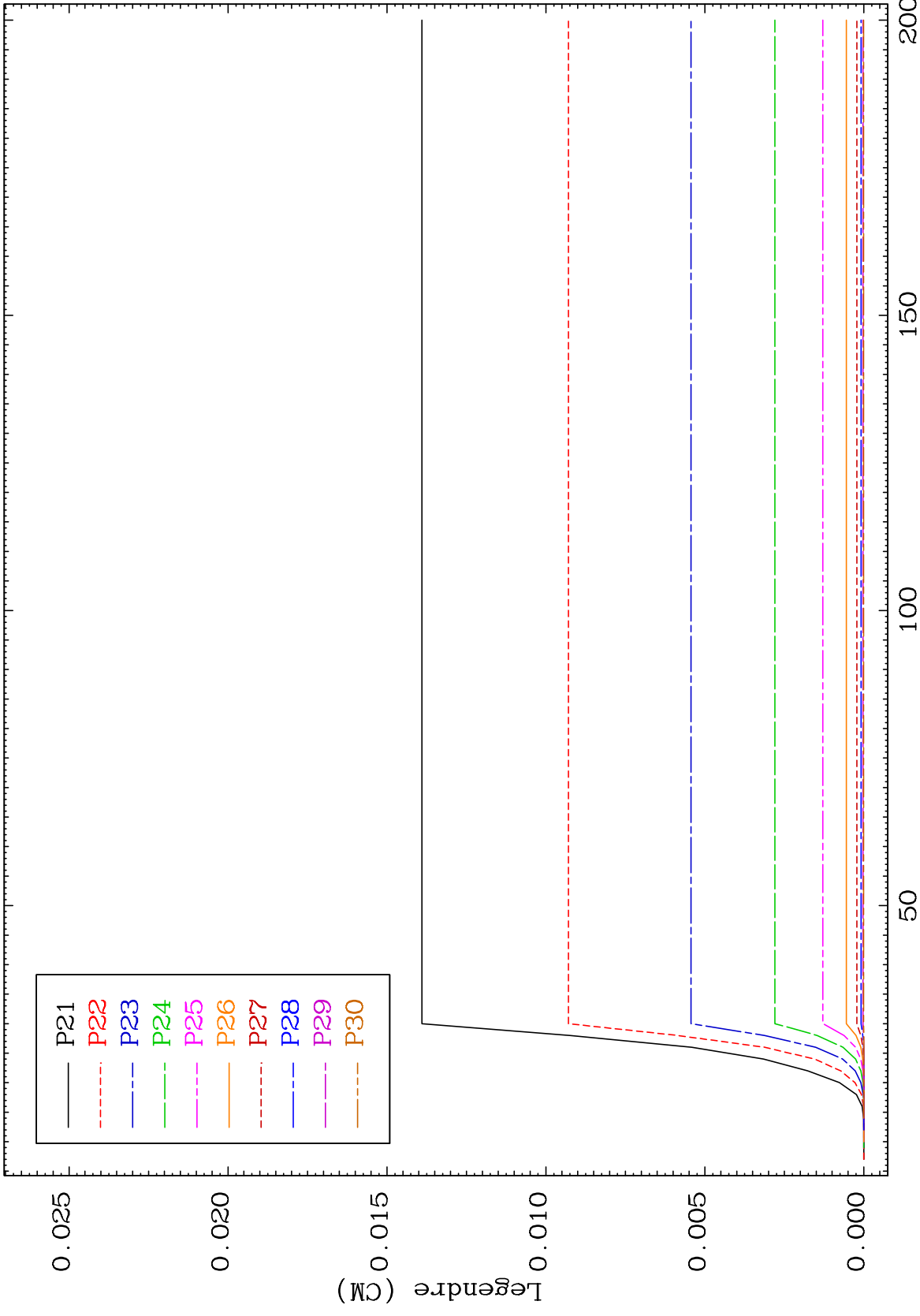
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



38

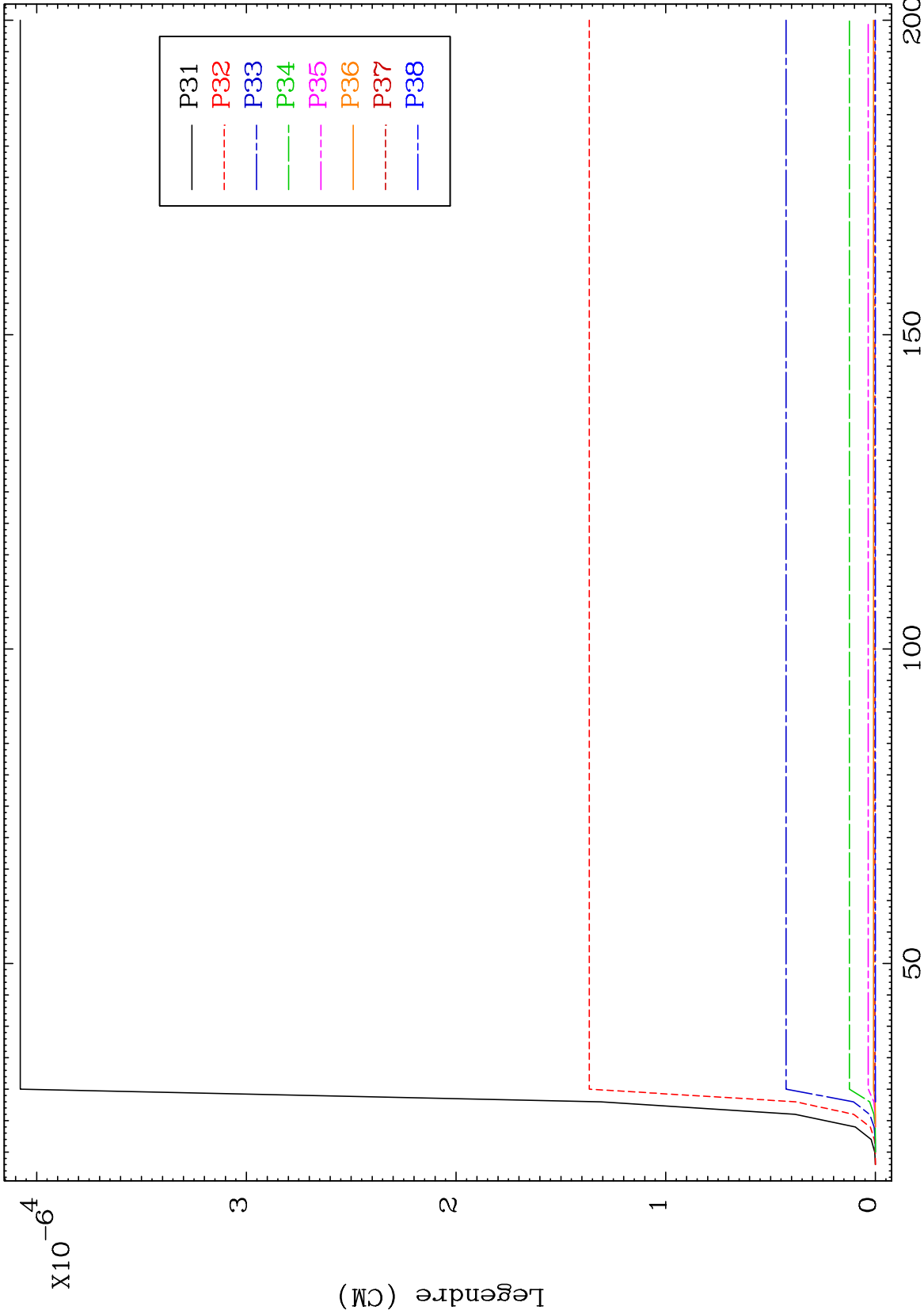
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



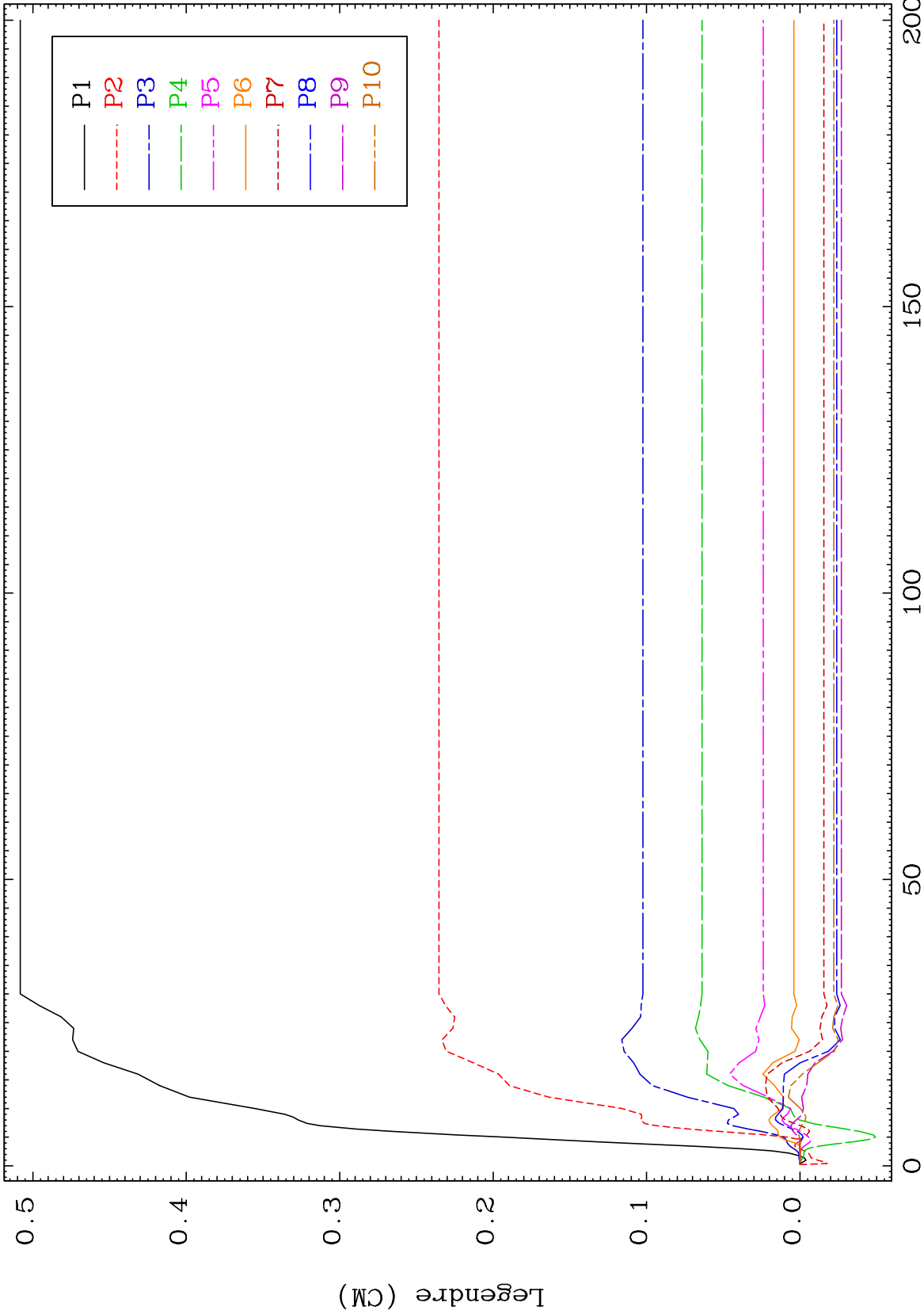
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85-At-208

MAT 8540

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

85-At-208



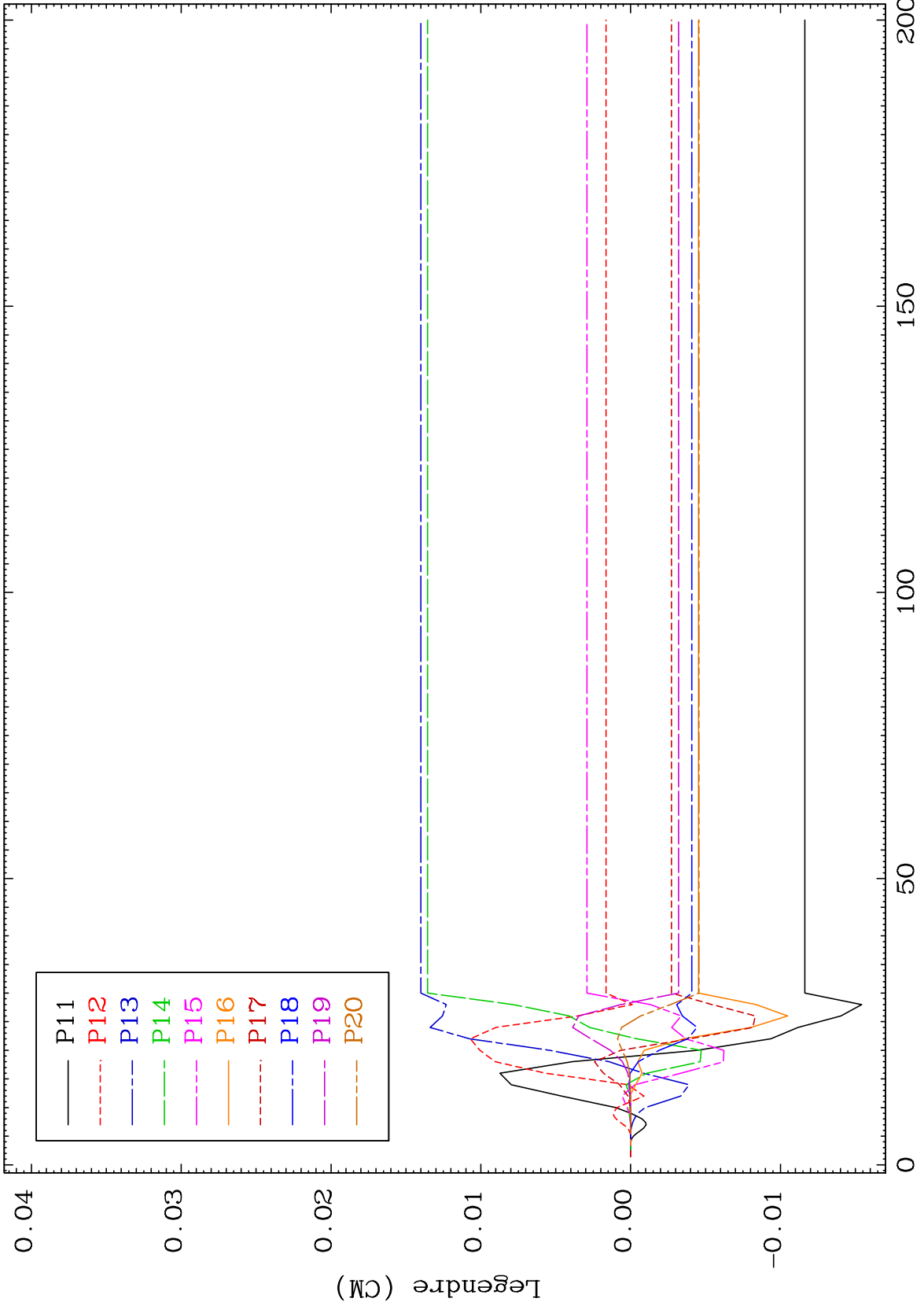
Incident Energy (MeV)

85-At-208

MAT 8540

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

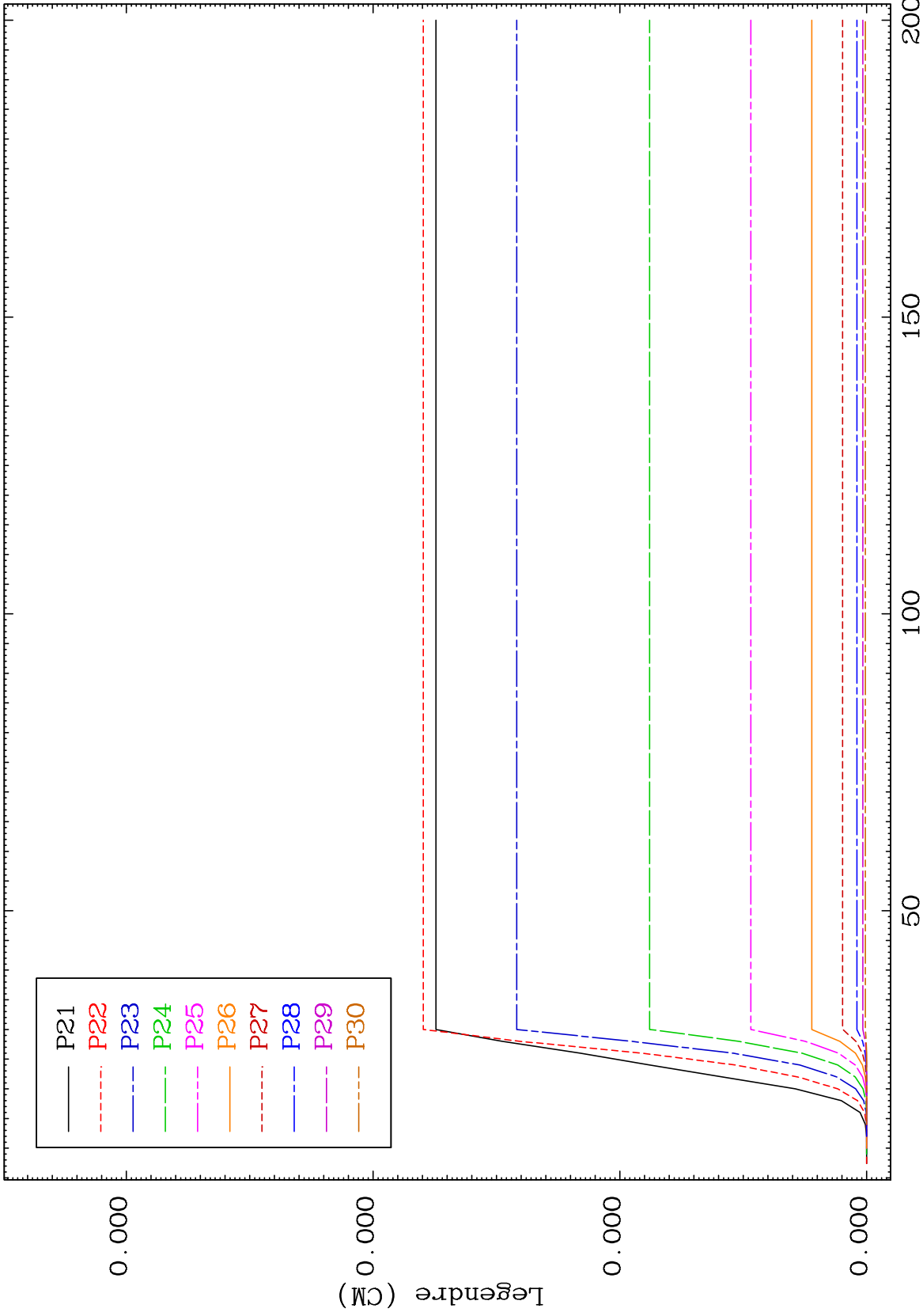
85-At-208



MAT 8540

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

85-At-208



42

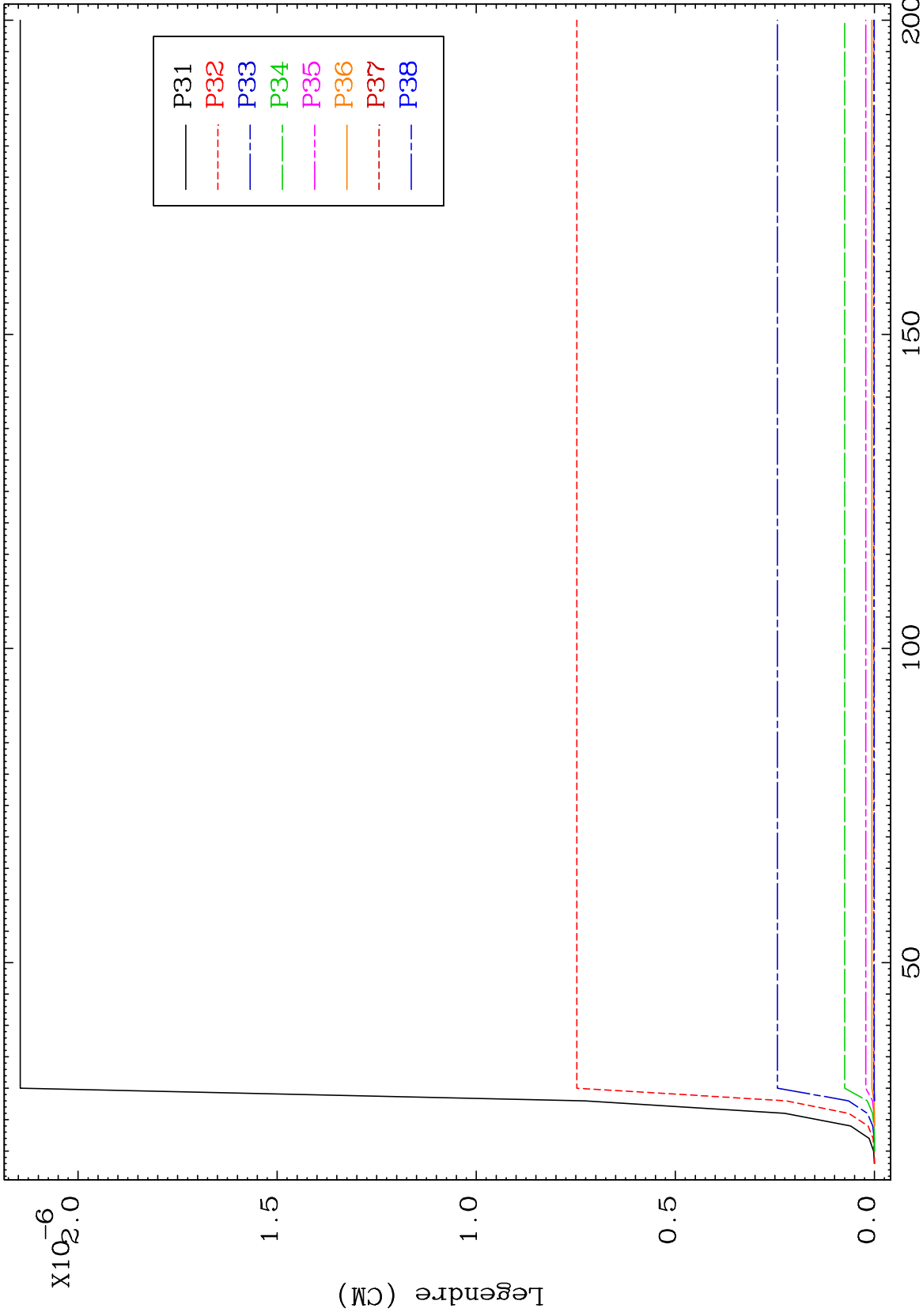
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



43

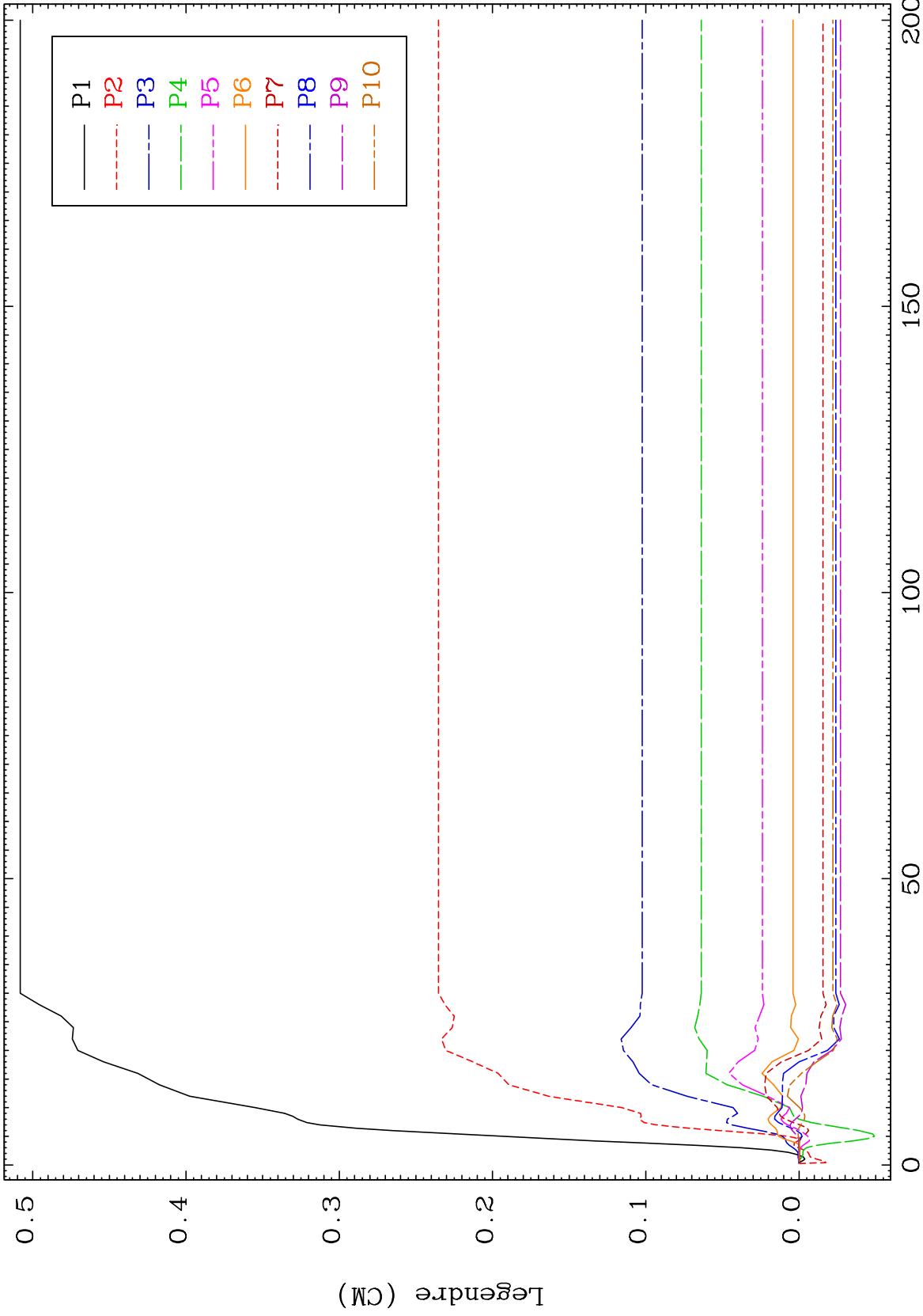
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



44

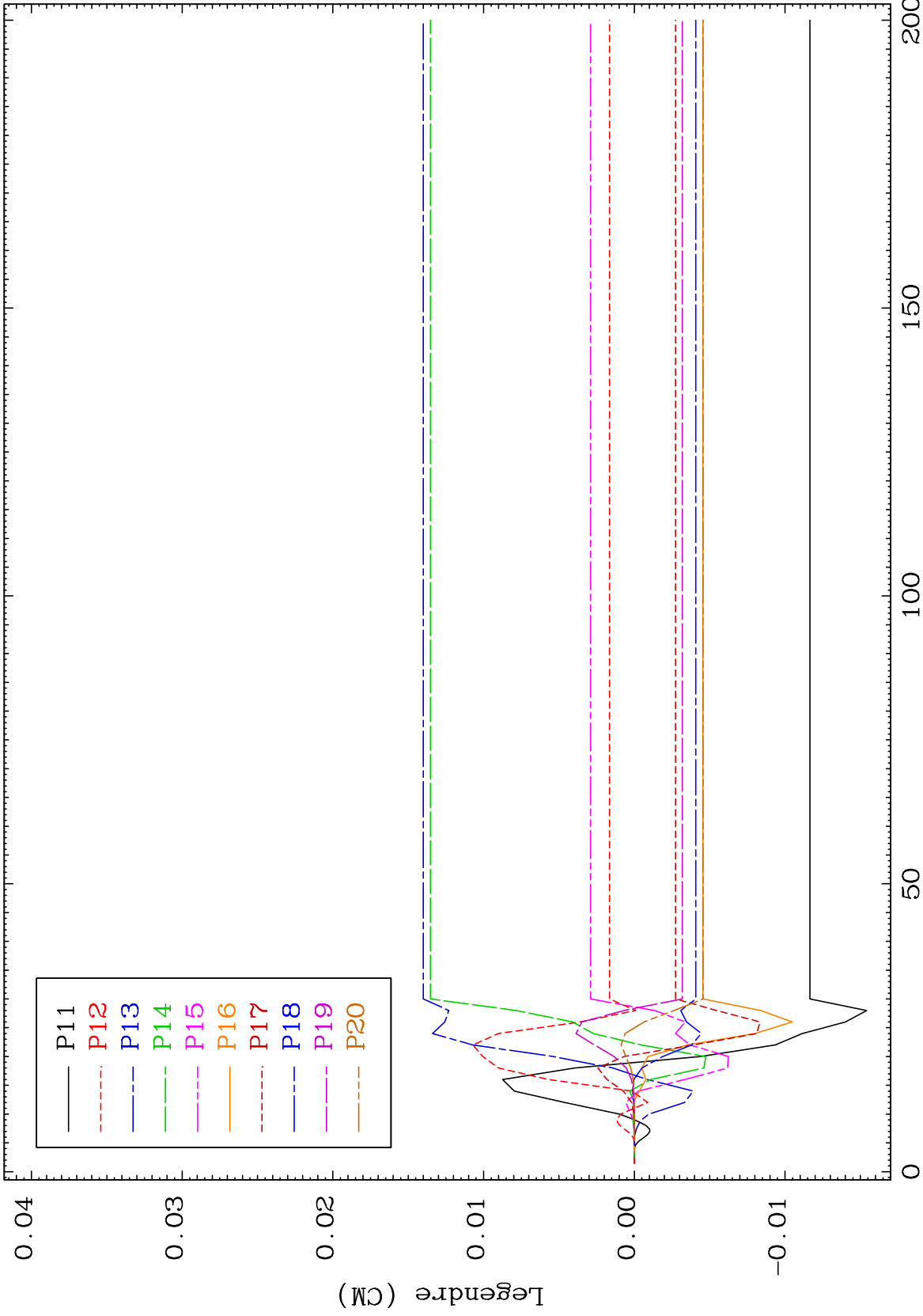
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



45

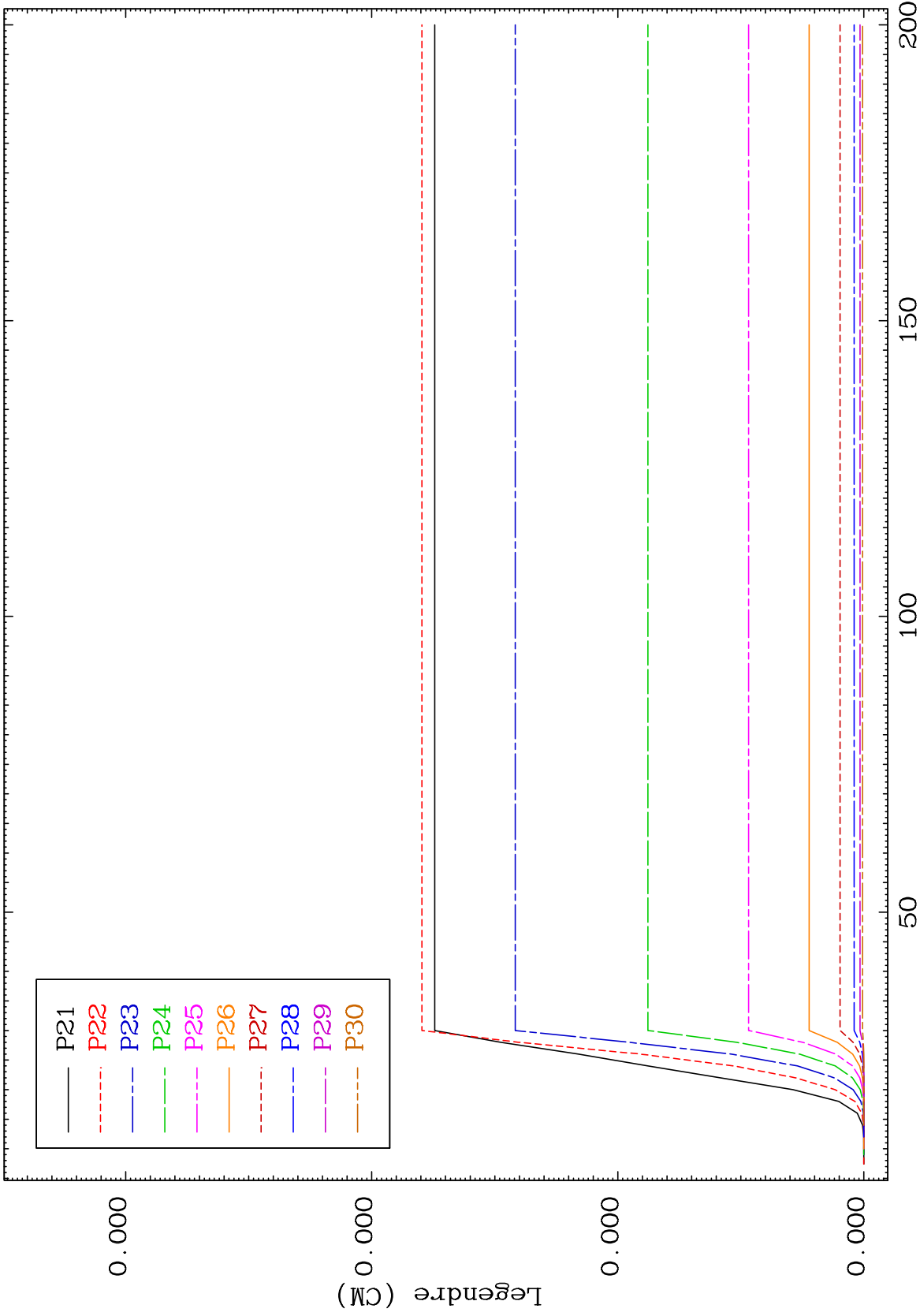
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



46

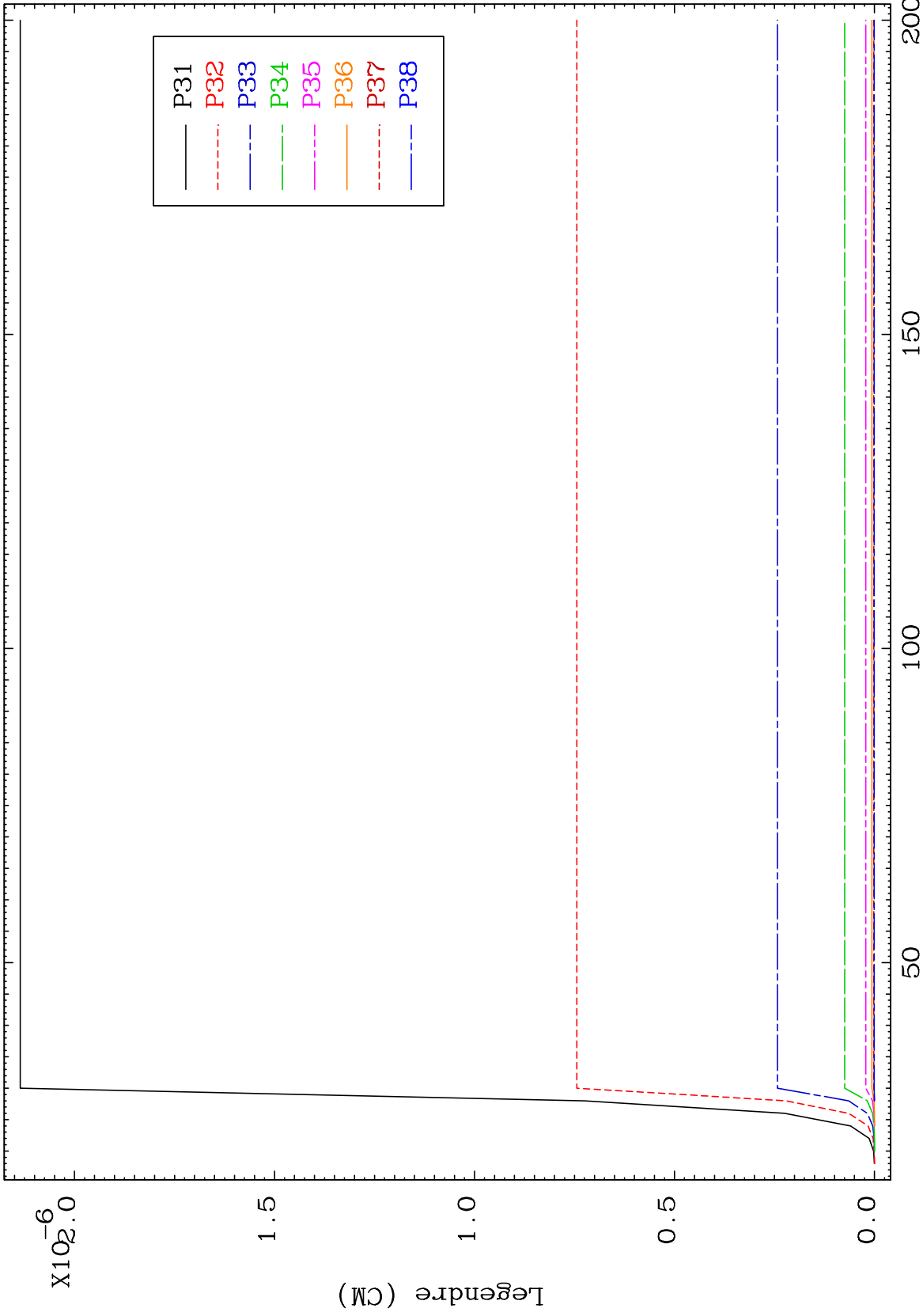
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



47

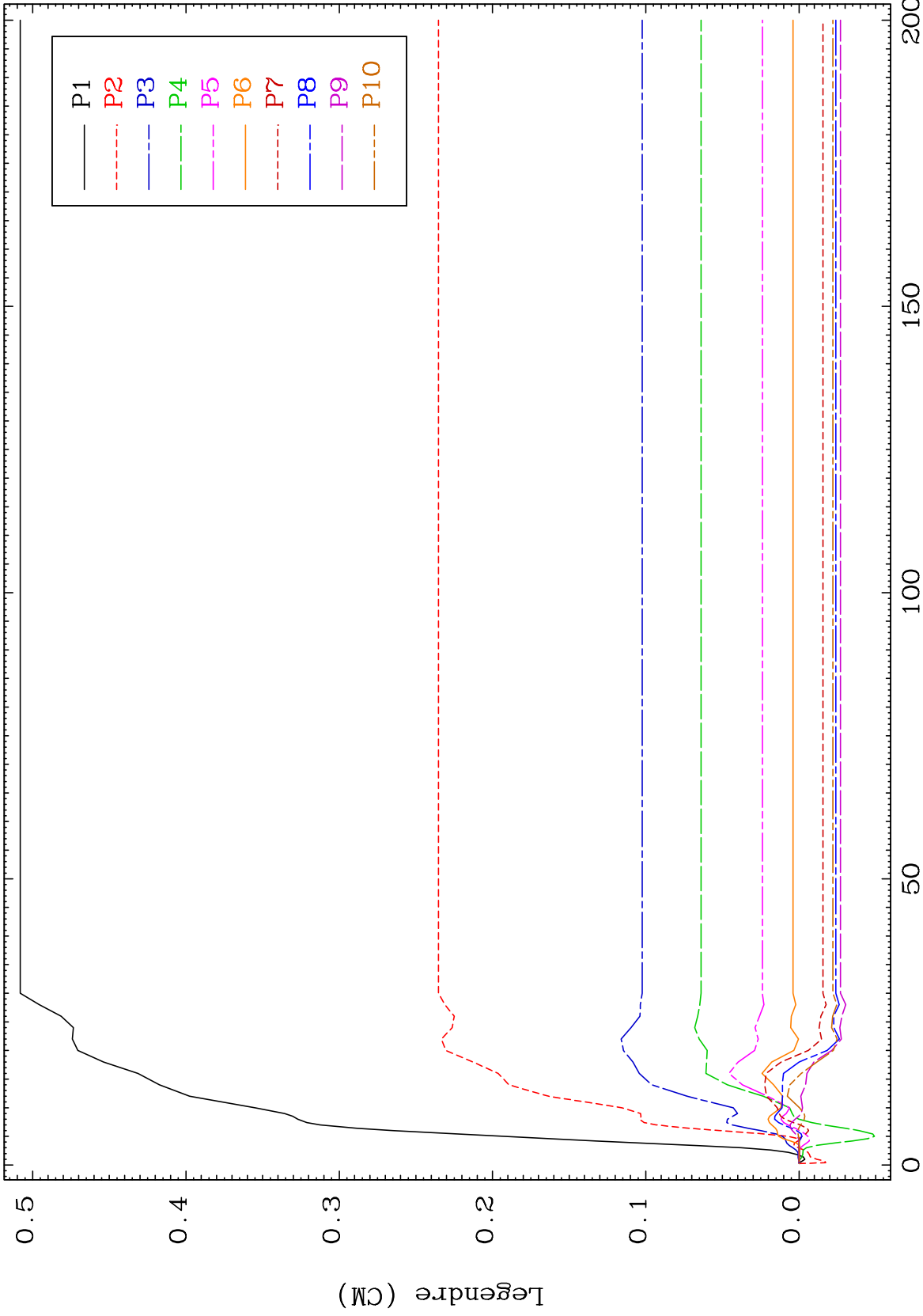
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



48

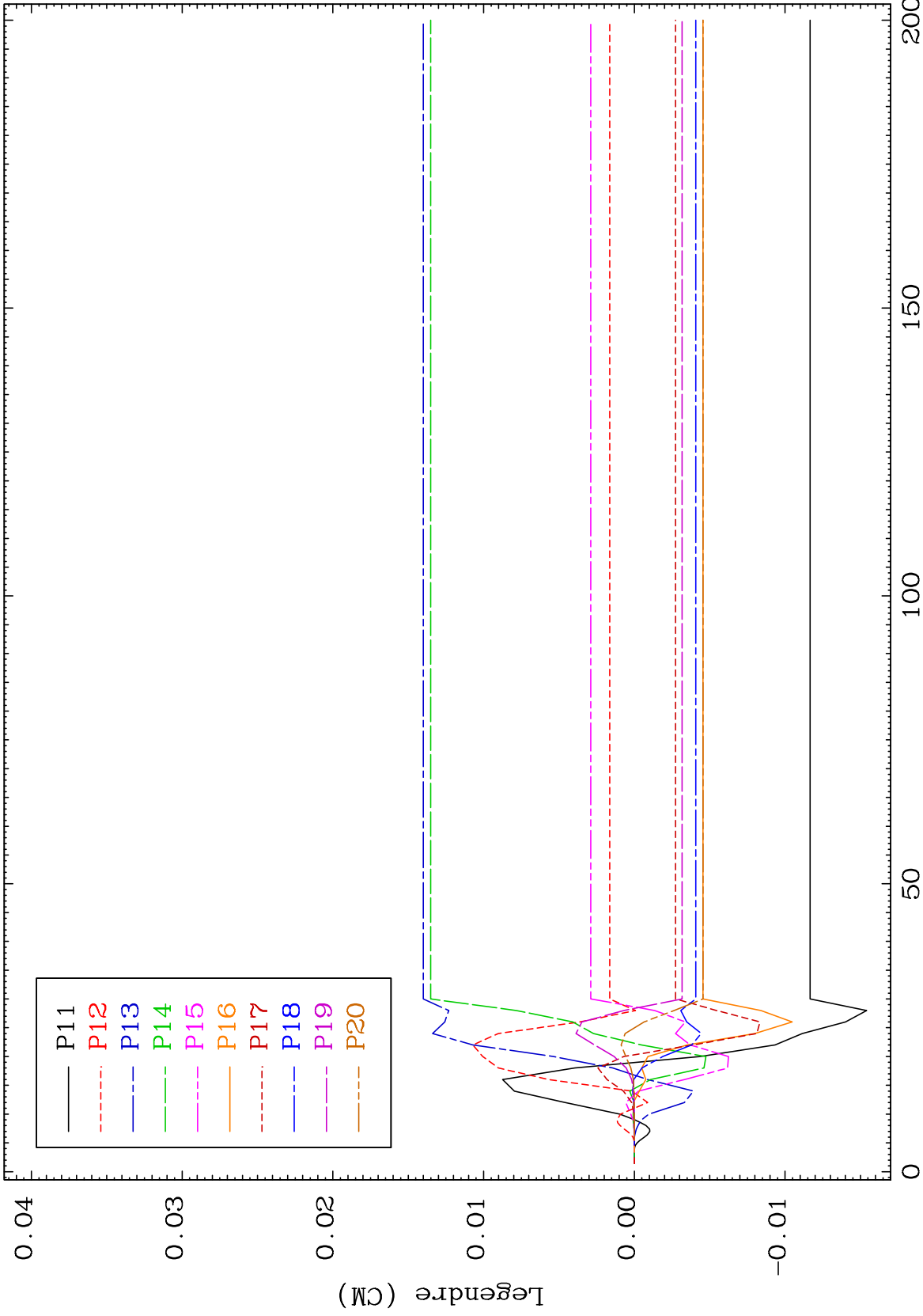
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



49

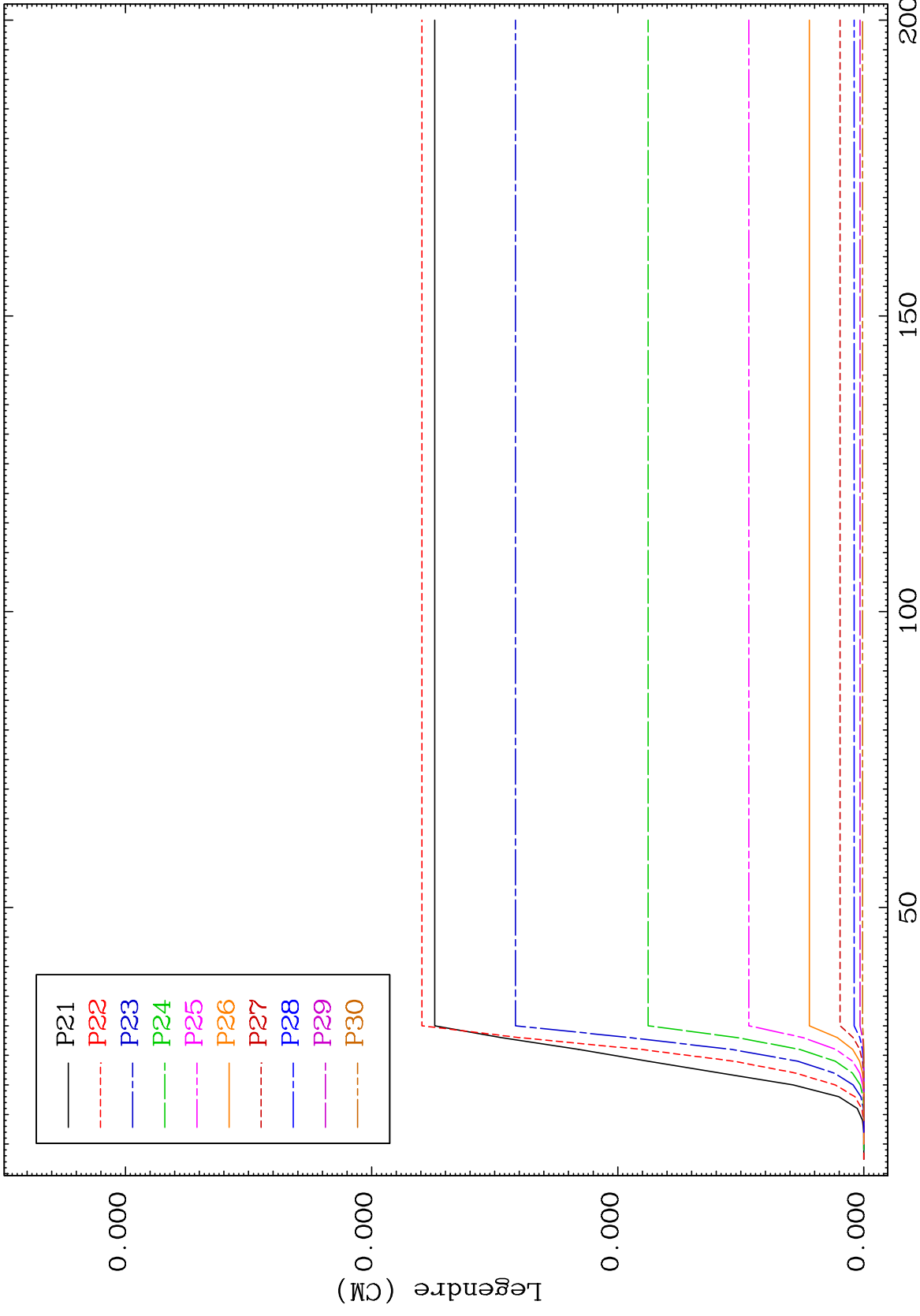
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



50

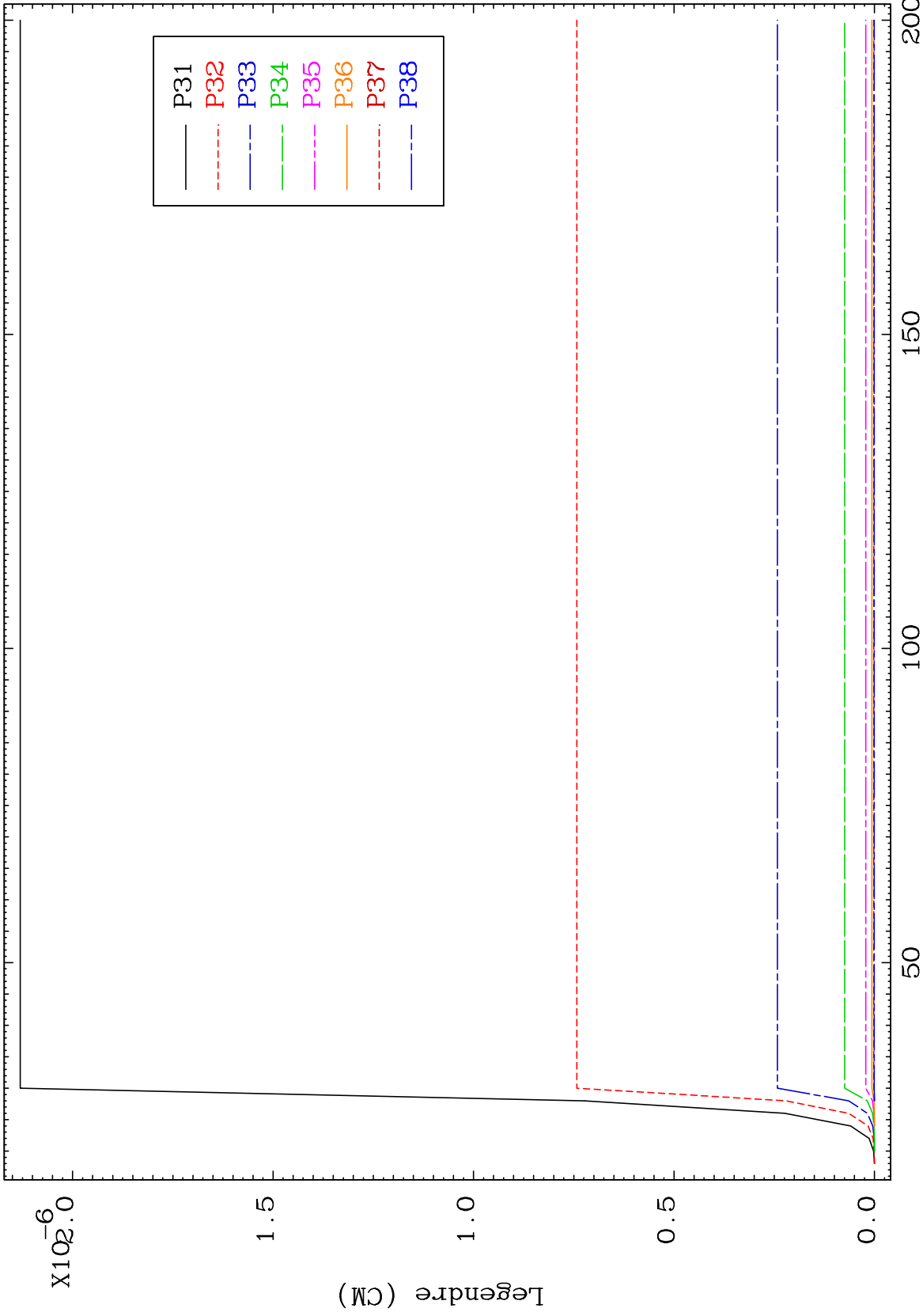
Incident Energy (MeV)

85-At-208

MAT 8540

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

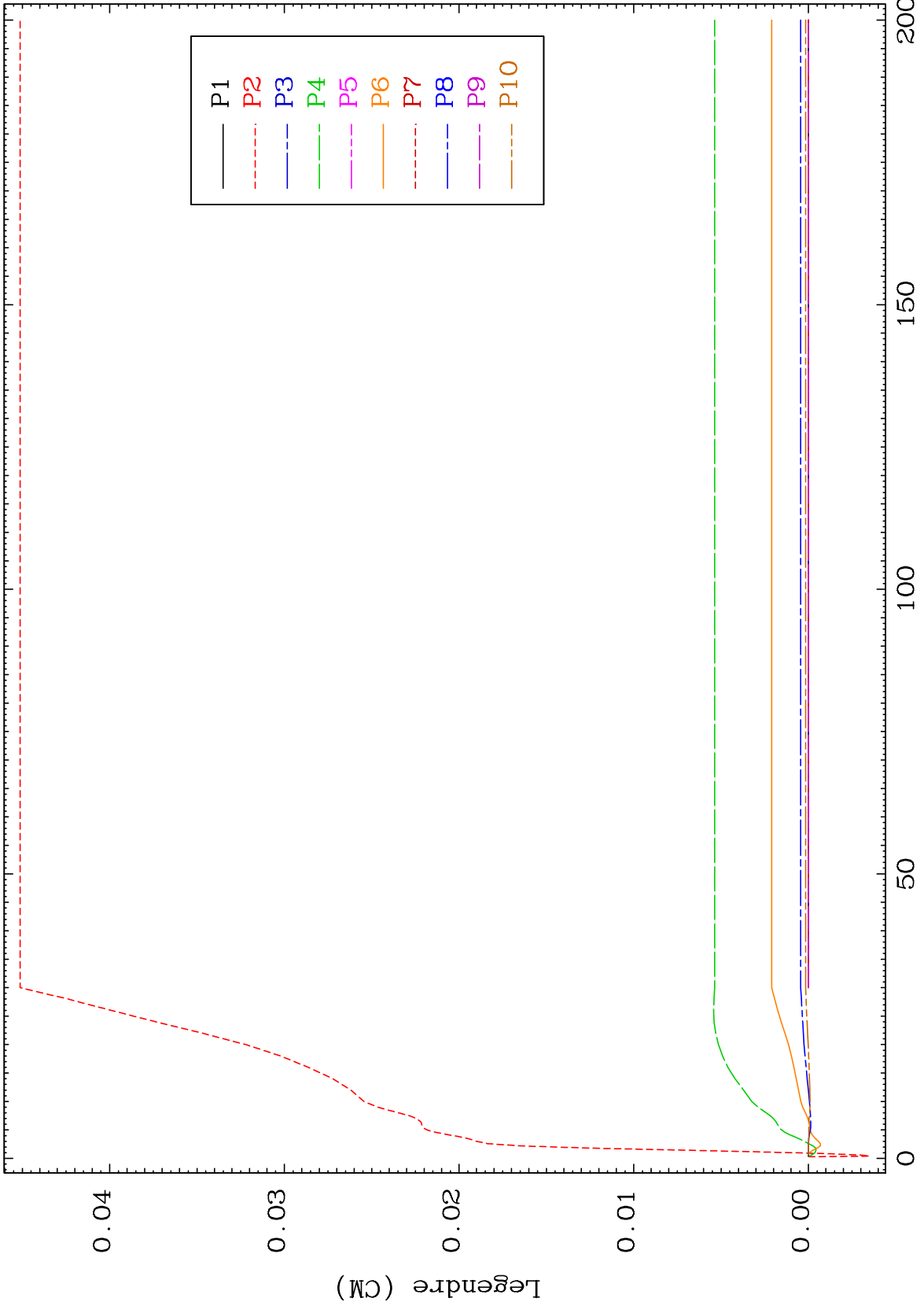
85-At-208



51

85-At-208

MAT 8540 MT= 60 (n,n') Level Legendre Coefficients 85-At-208

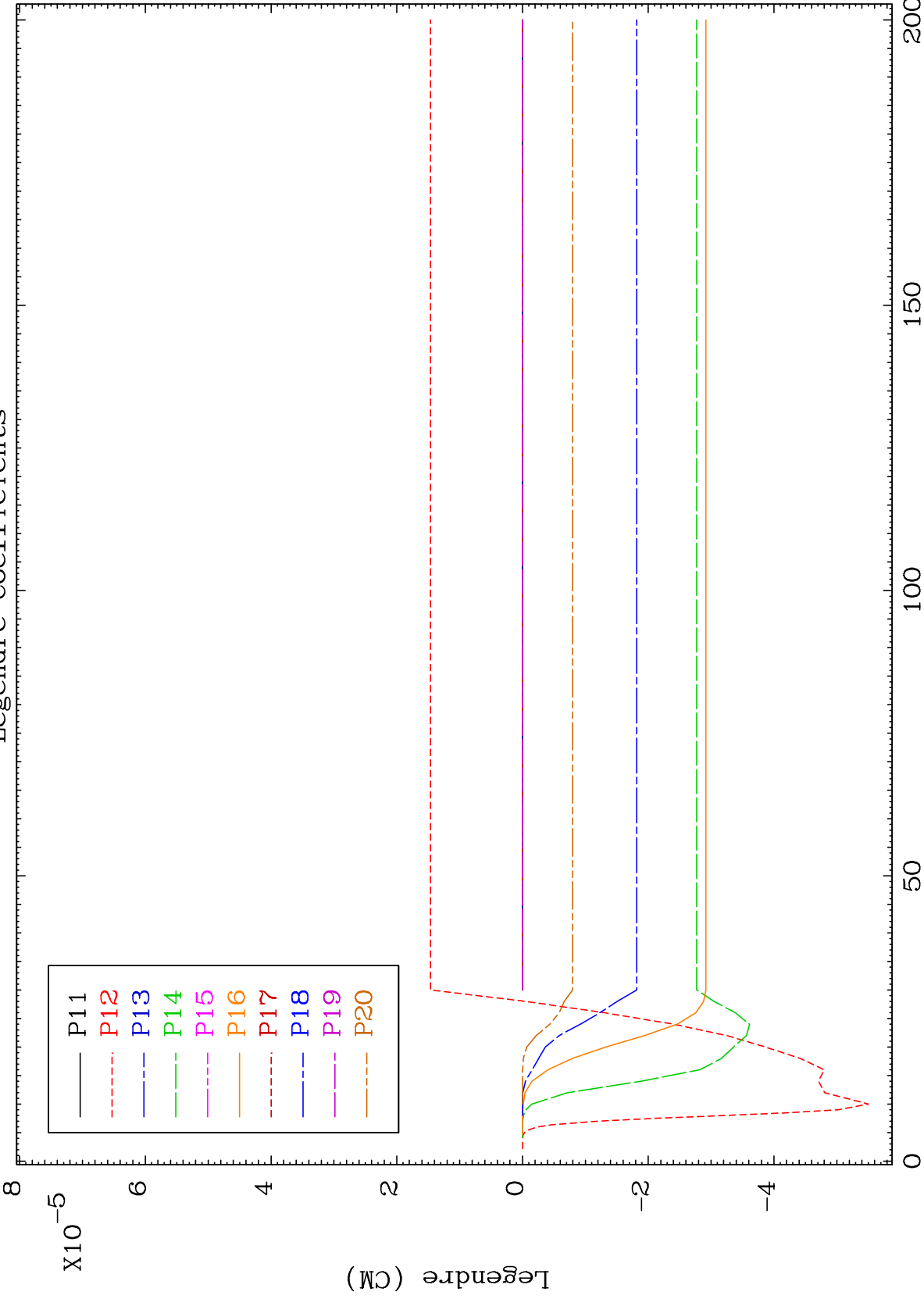


52 85-At-208

MAT 8540

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

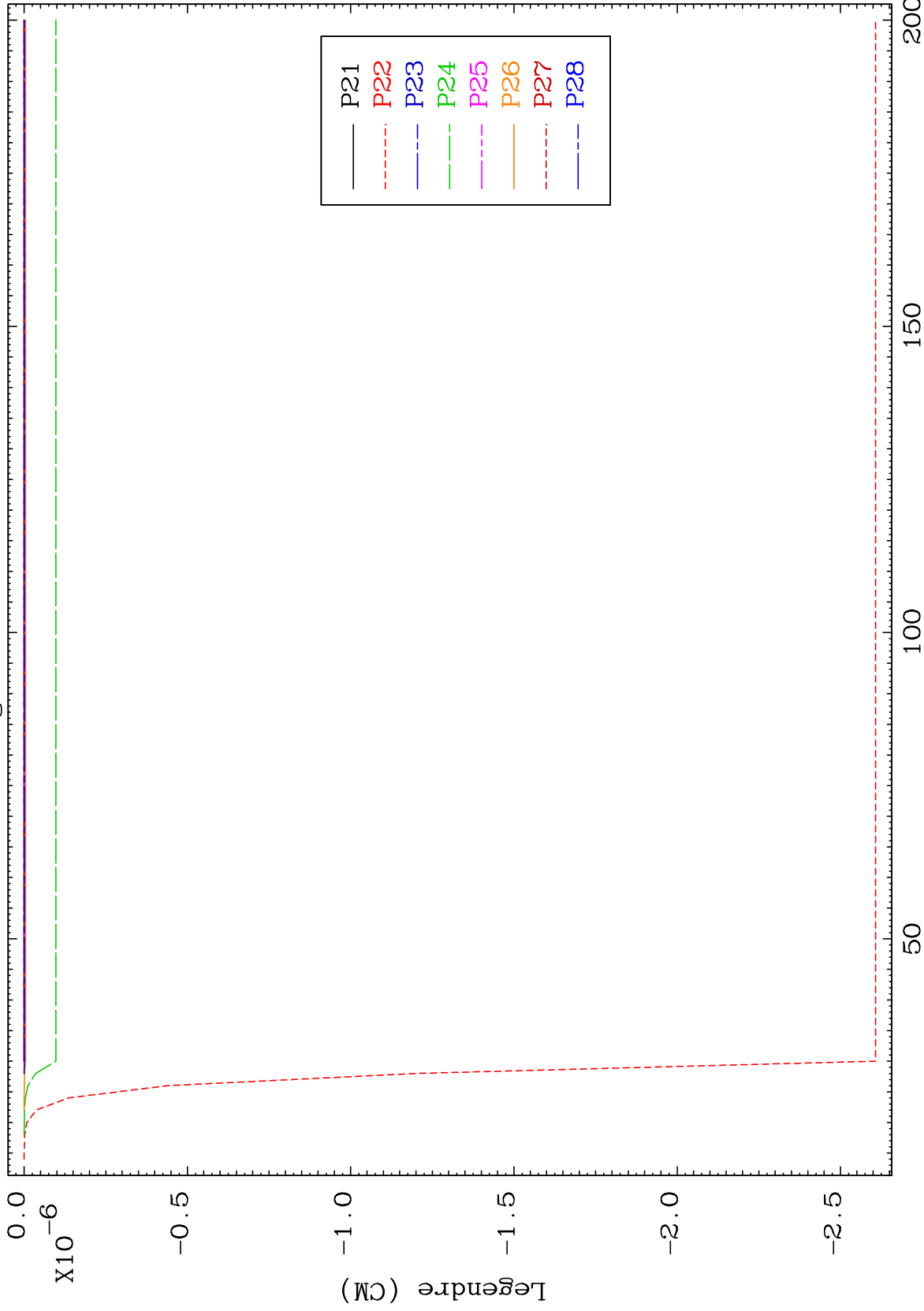
85-At-208



53

Incident Energy (MeV)

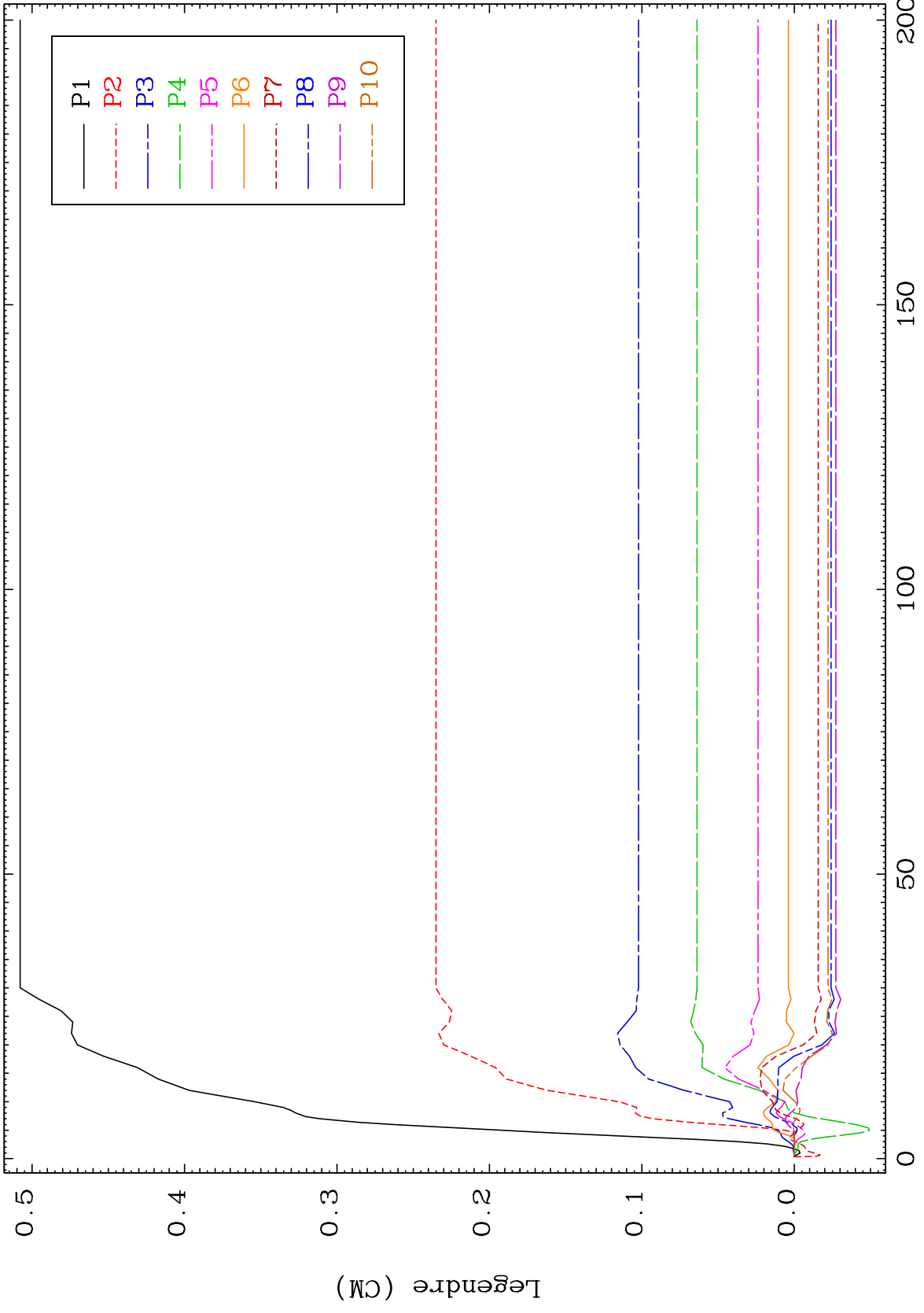
85-At-208



MAT 8540

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

85-At-208



55

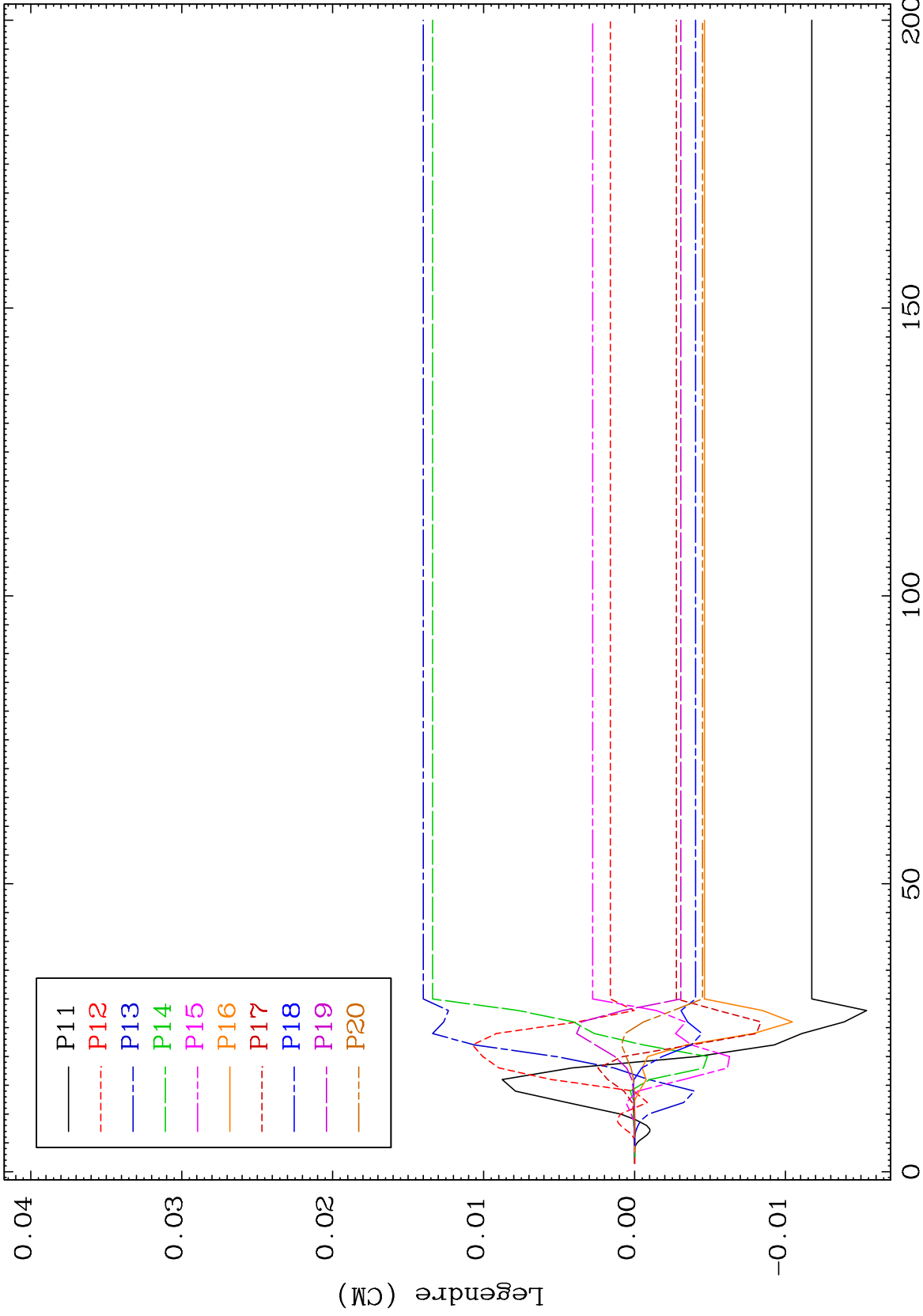
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



56

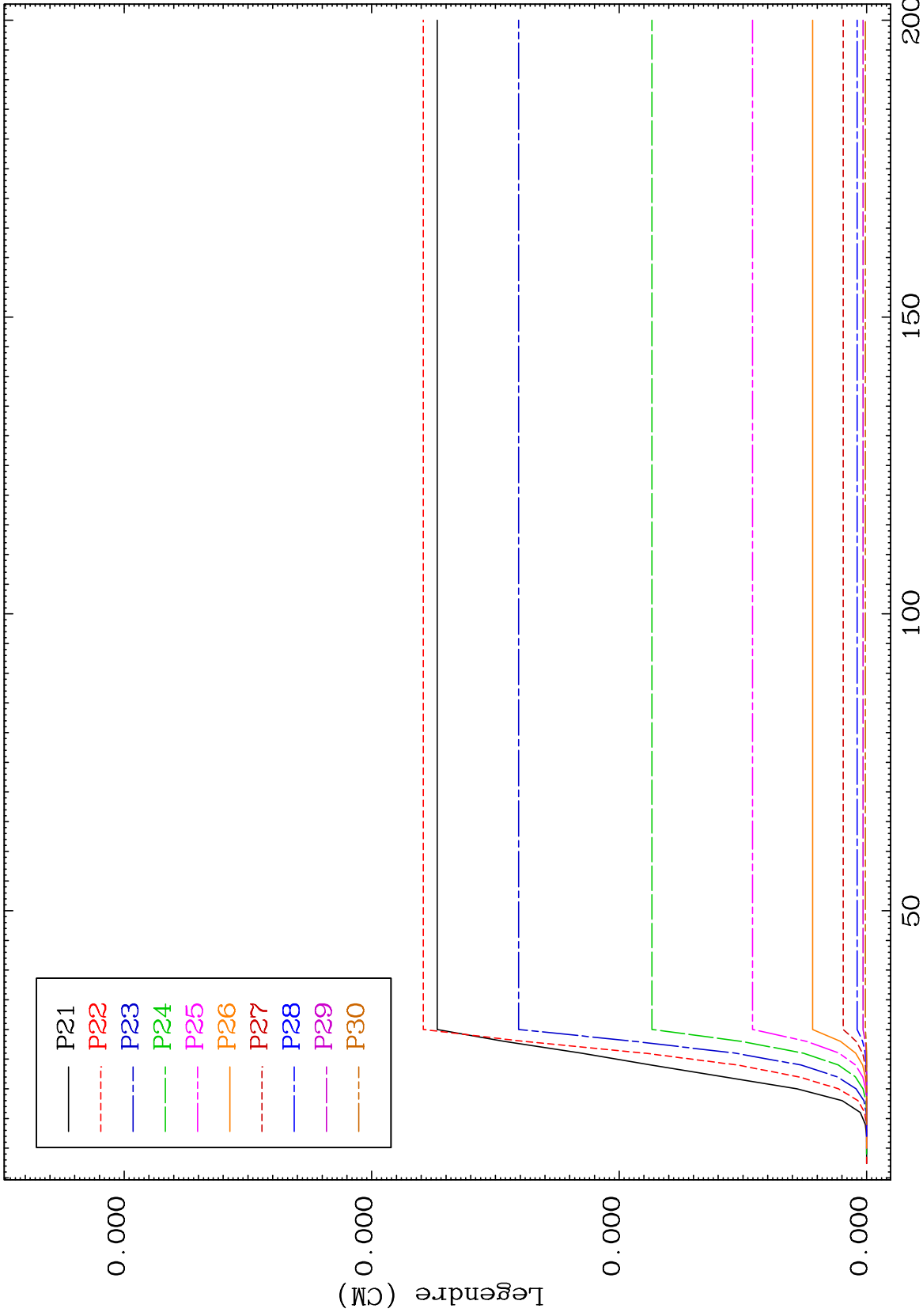
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



57

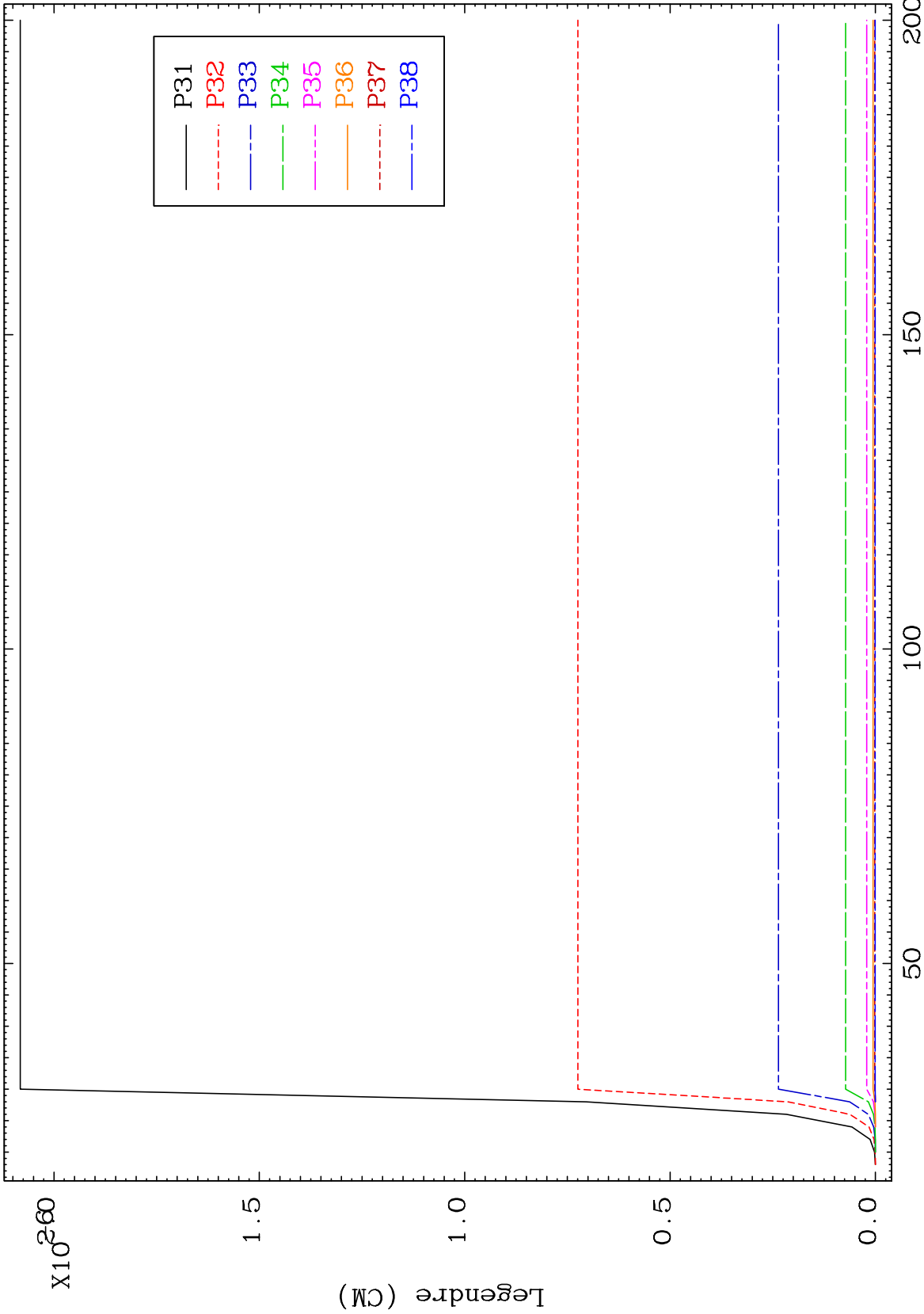
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



58

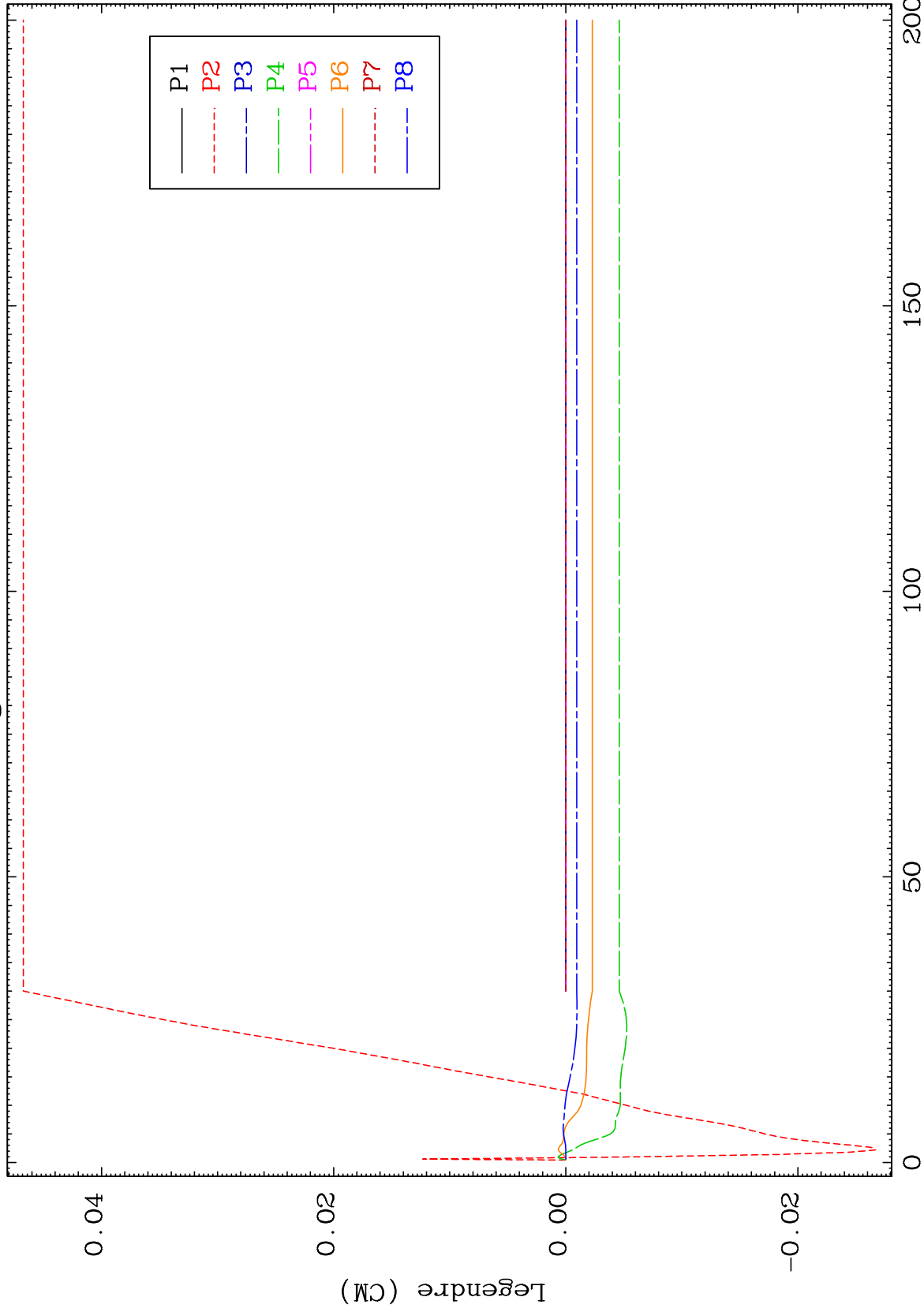
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



59

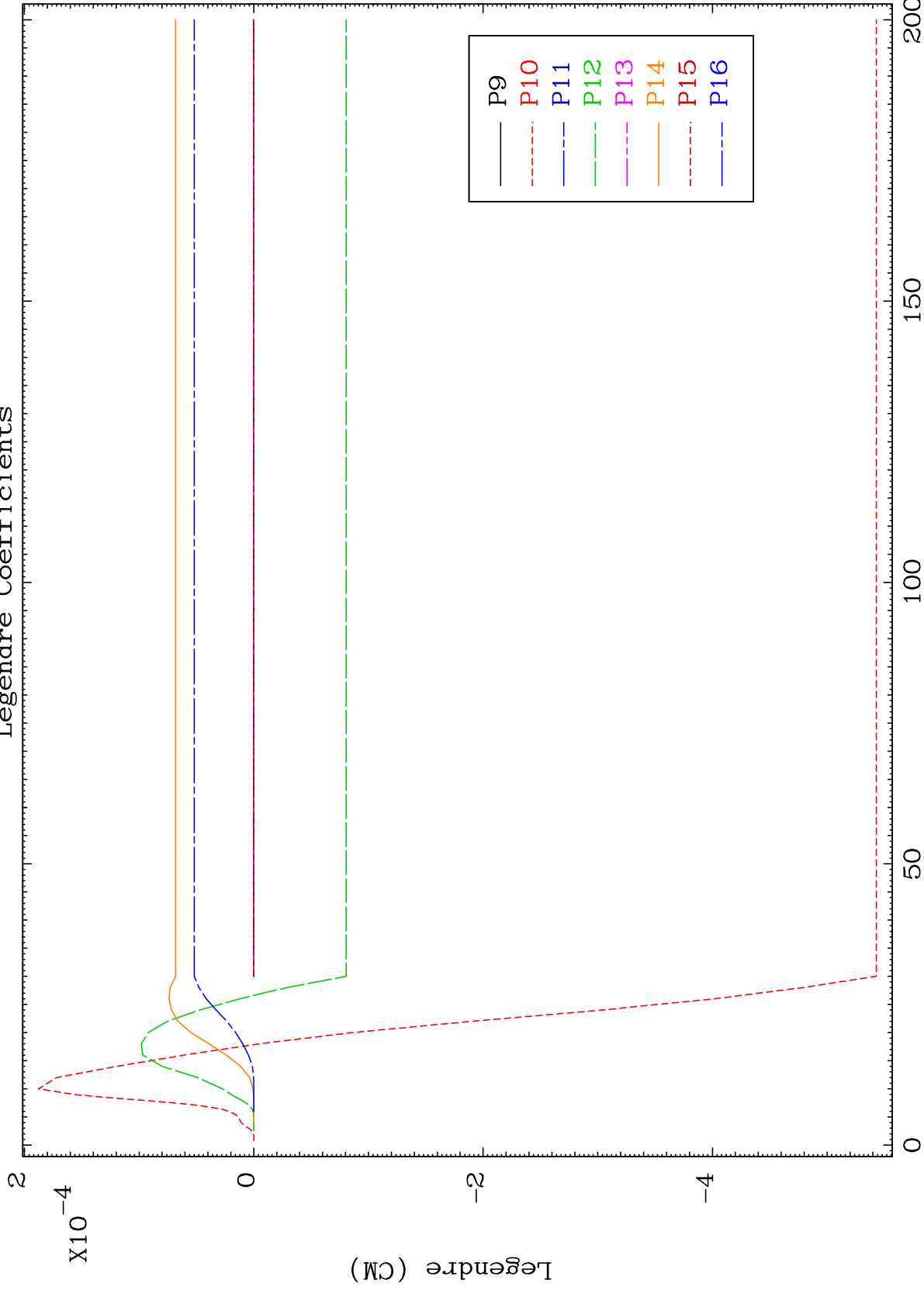
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



60

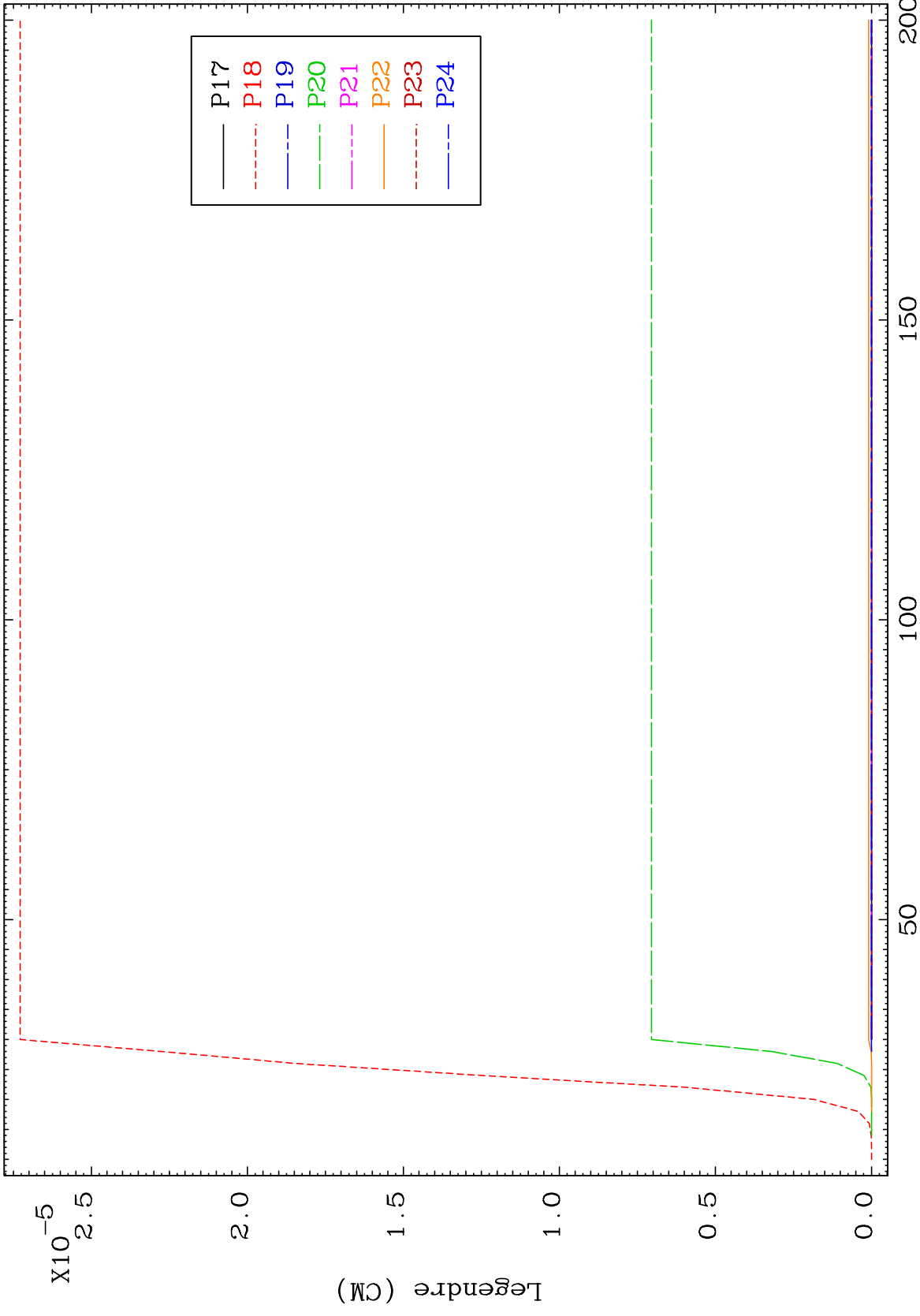
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



61

Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



62

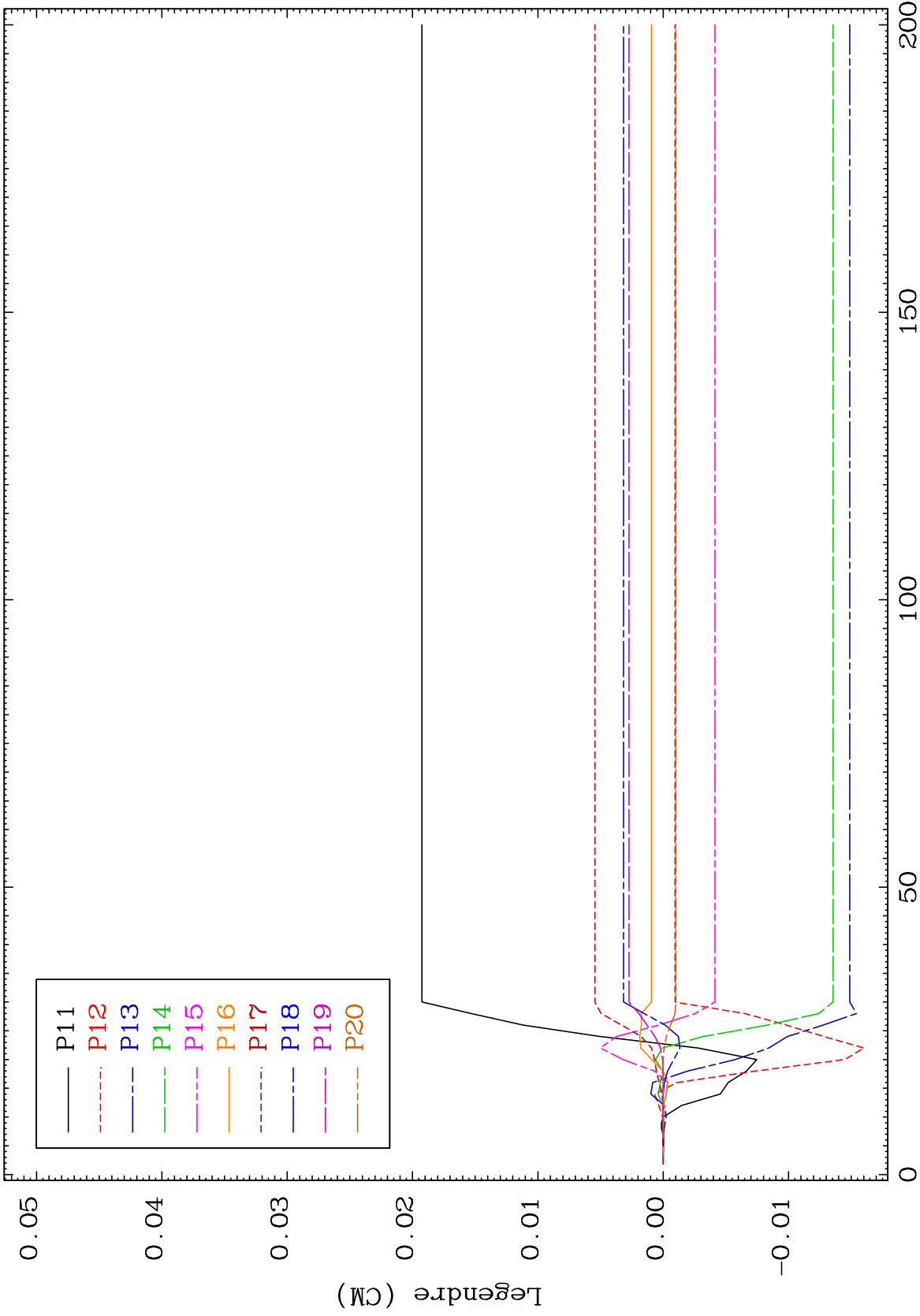
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



63

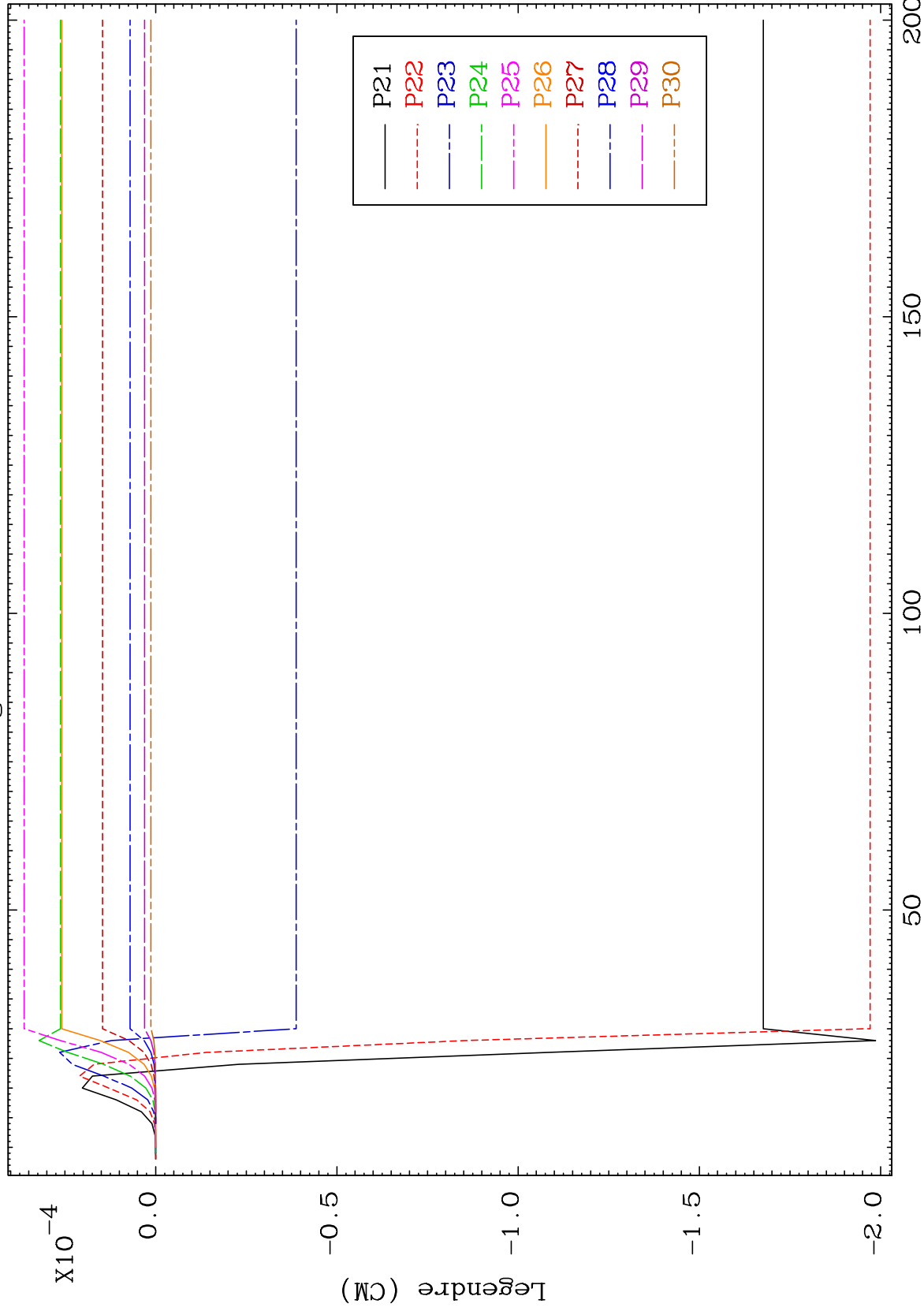
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



64

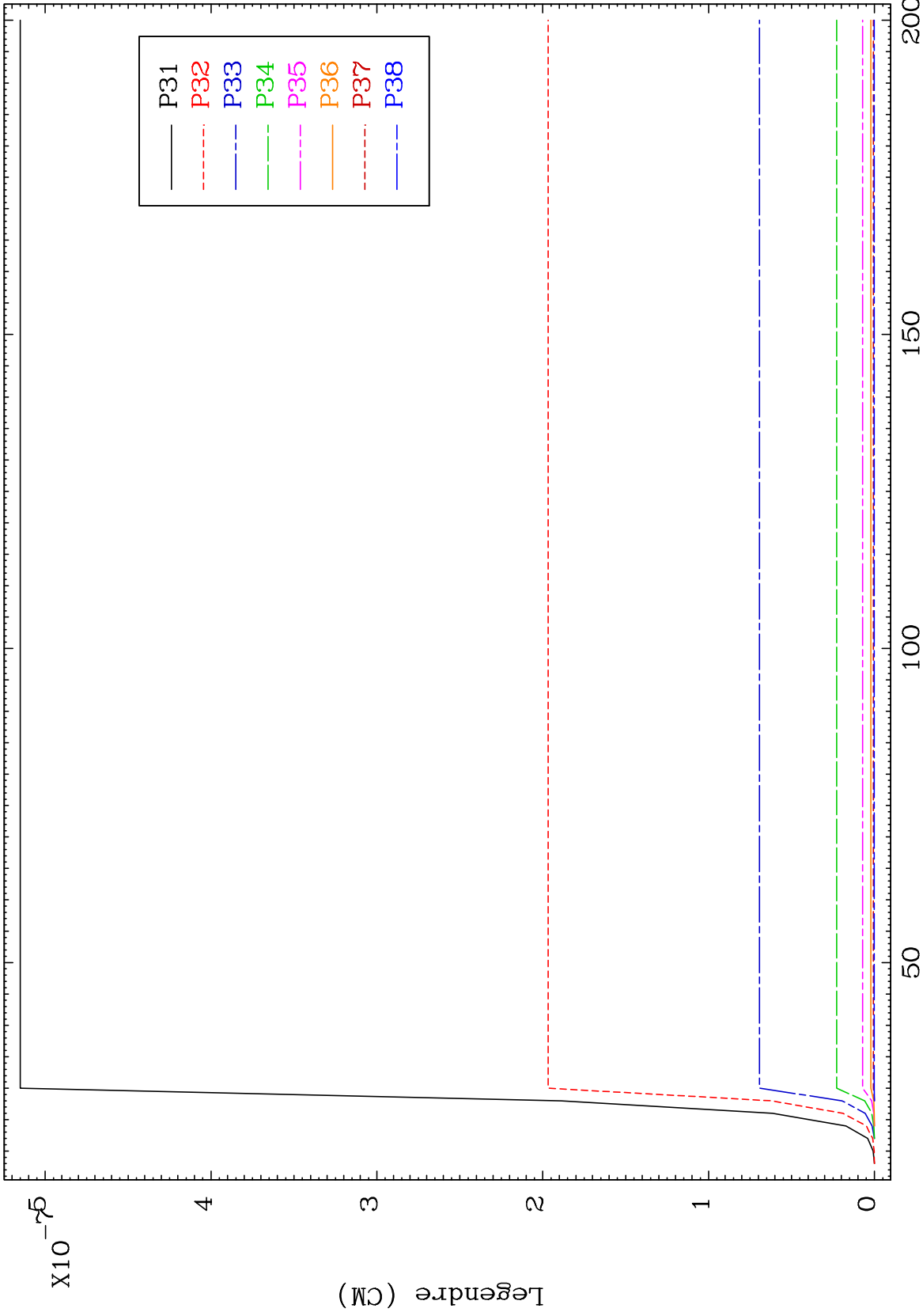
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



65

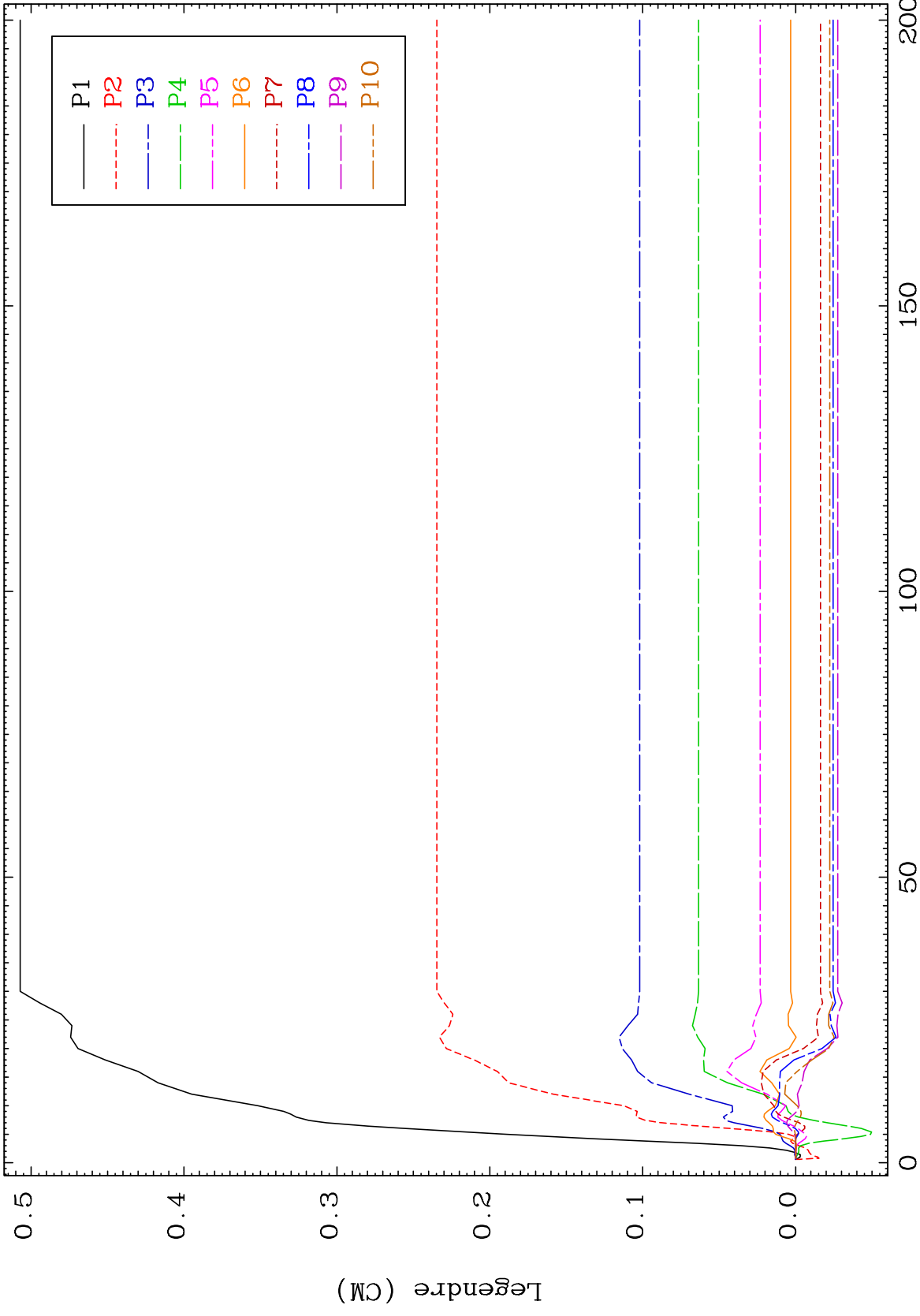
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



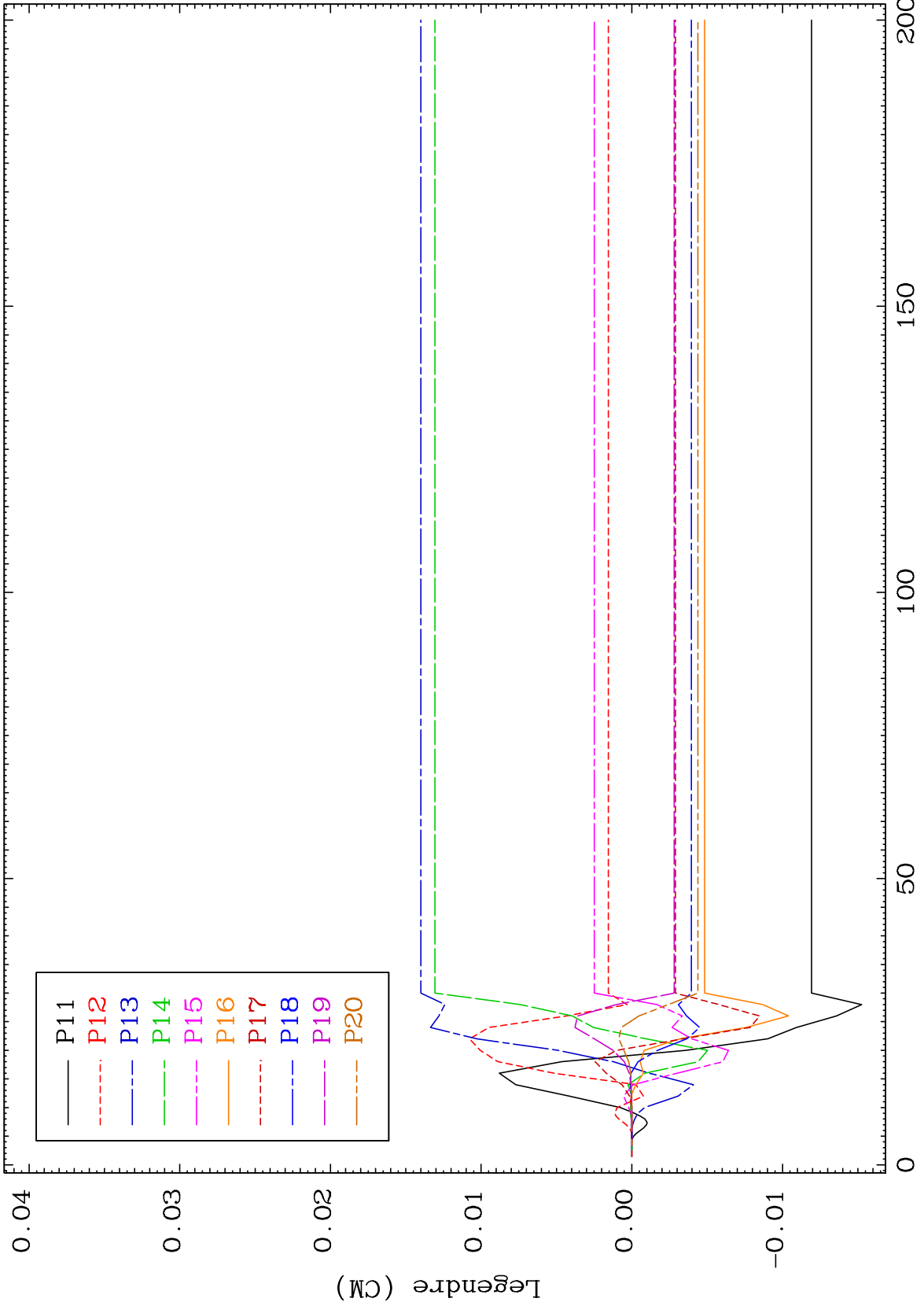
66

85-At-208

MAT 8540

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

85-At-208



67

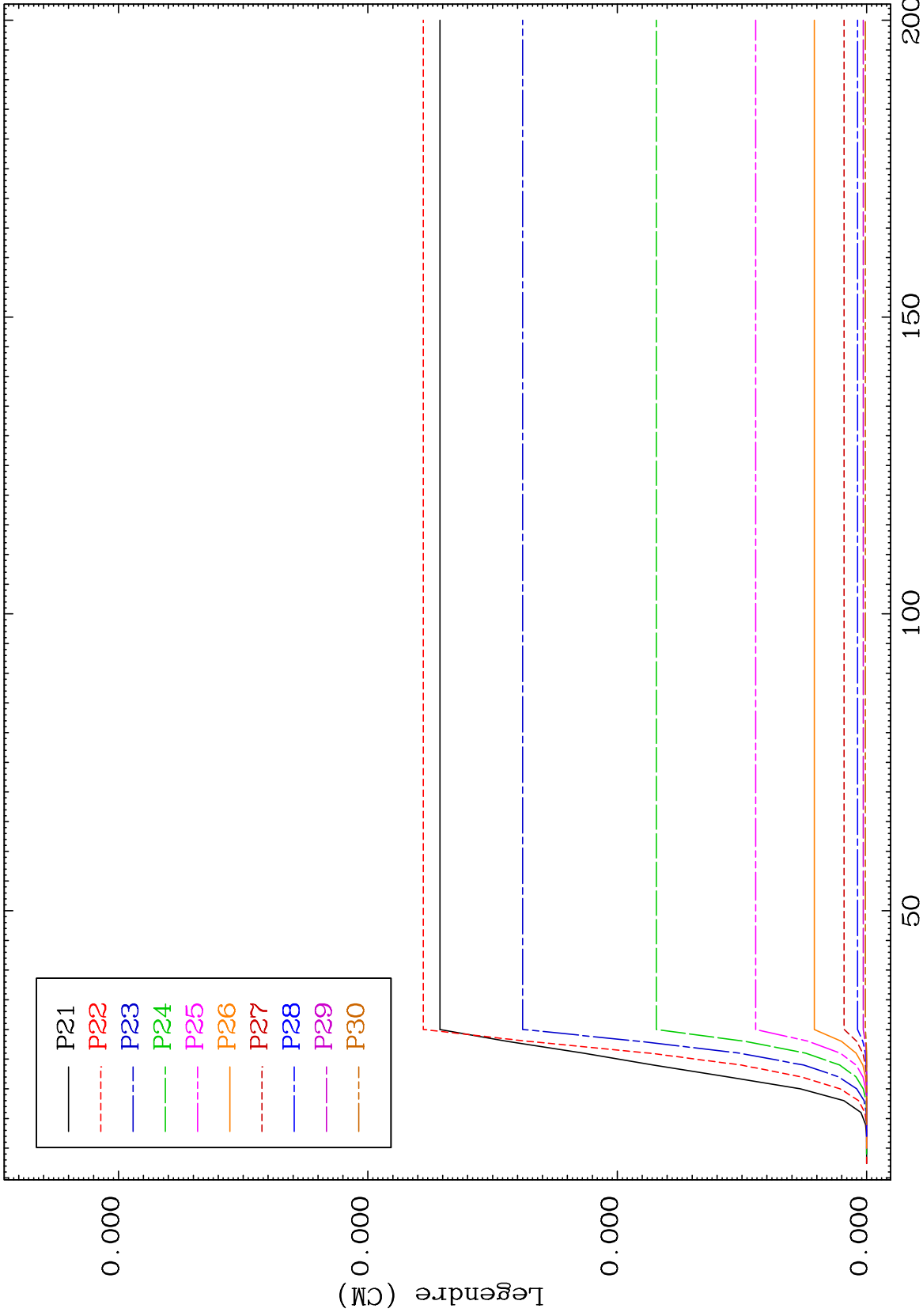
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



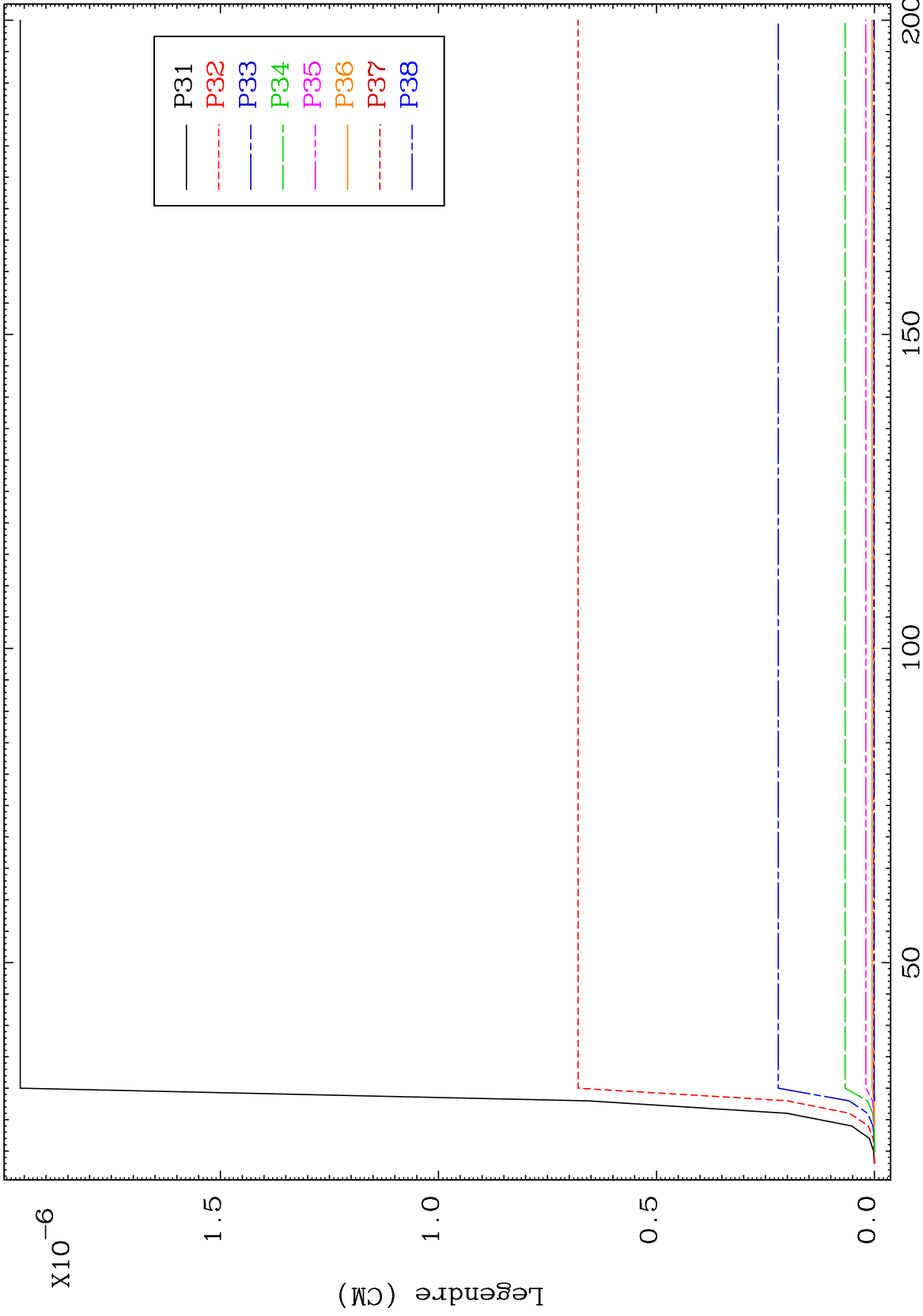
68

85-At-208

MAT 8540

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

85-At-208



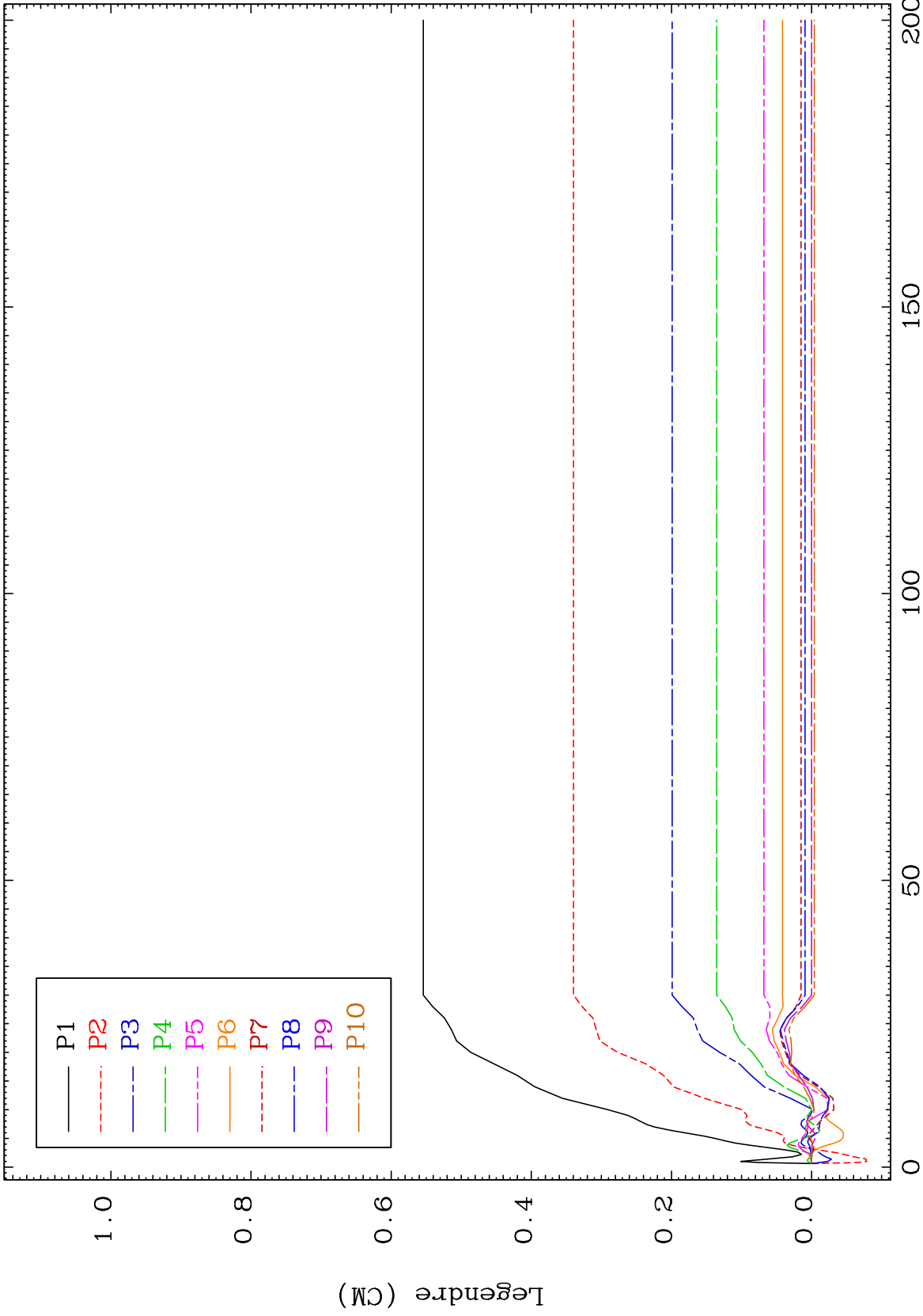
69

85-At-208

MAT 8540

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

85-At-208

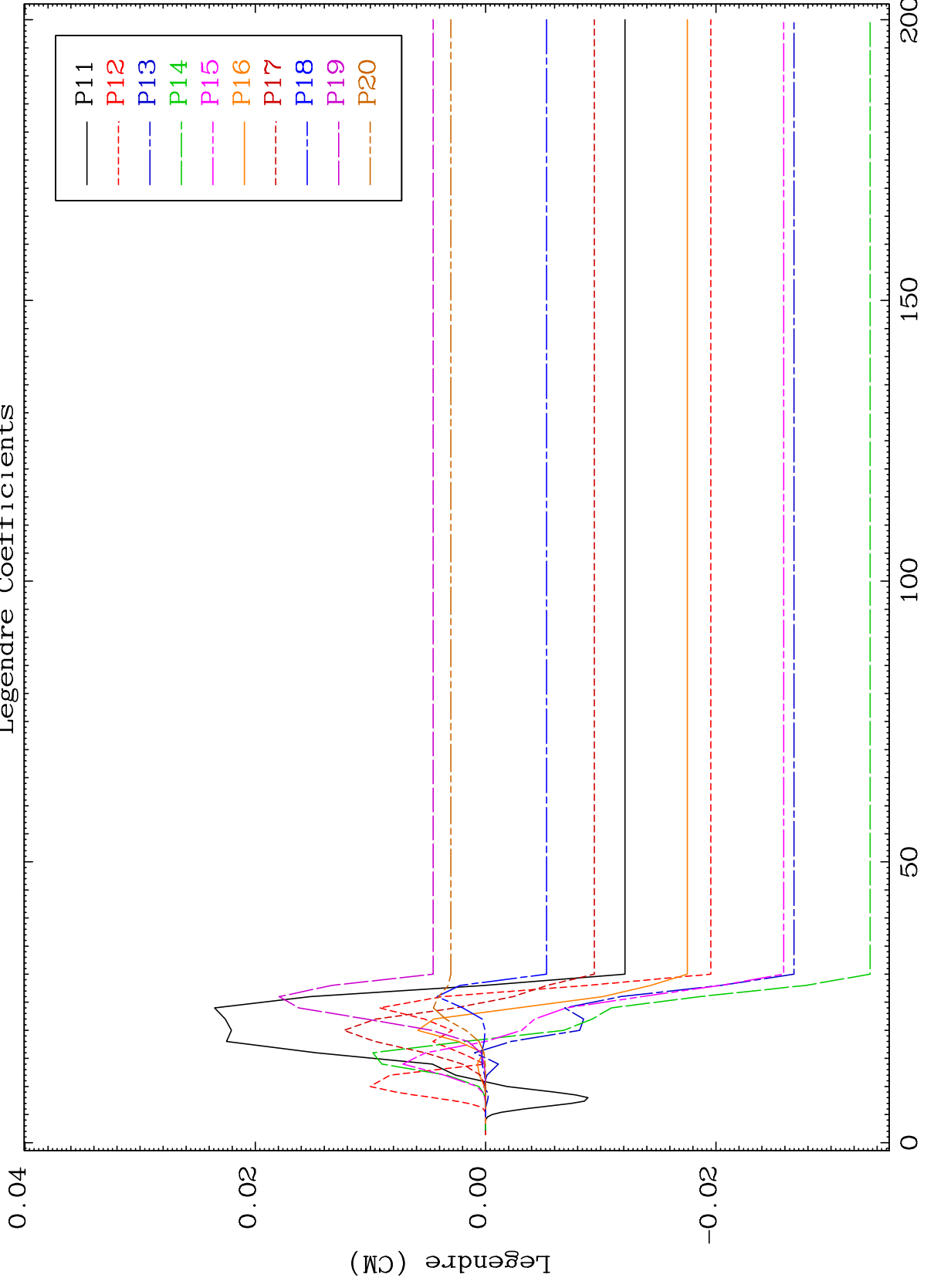


70

Incident Energy (MeV)

85-At-208

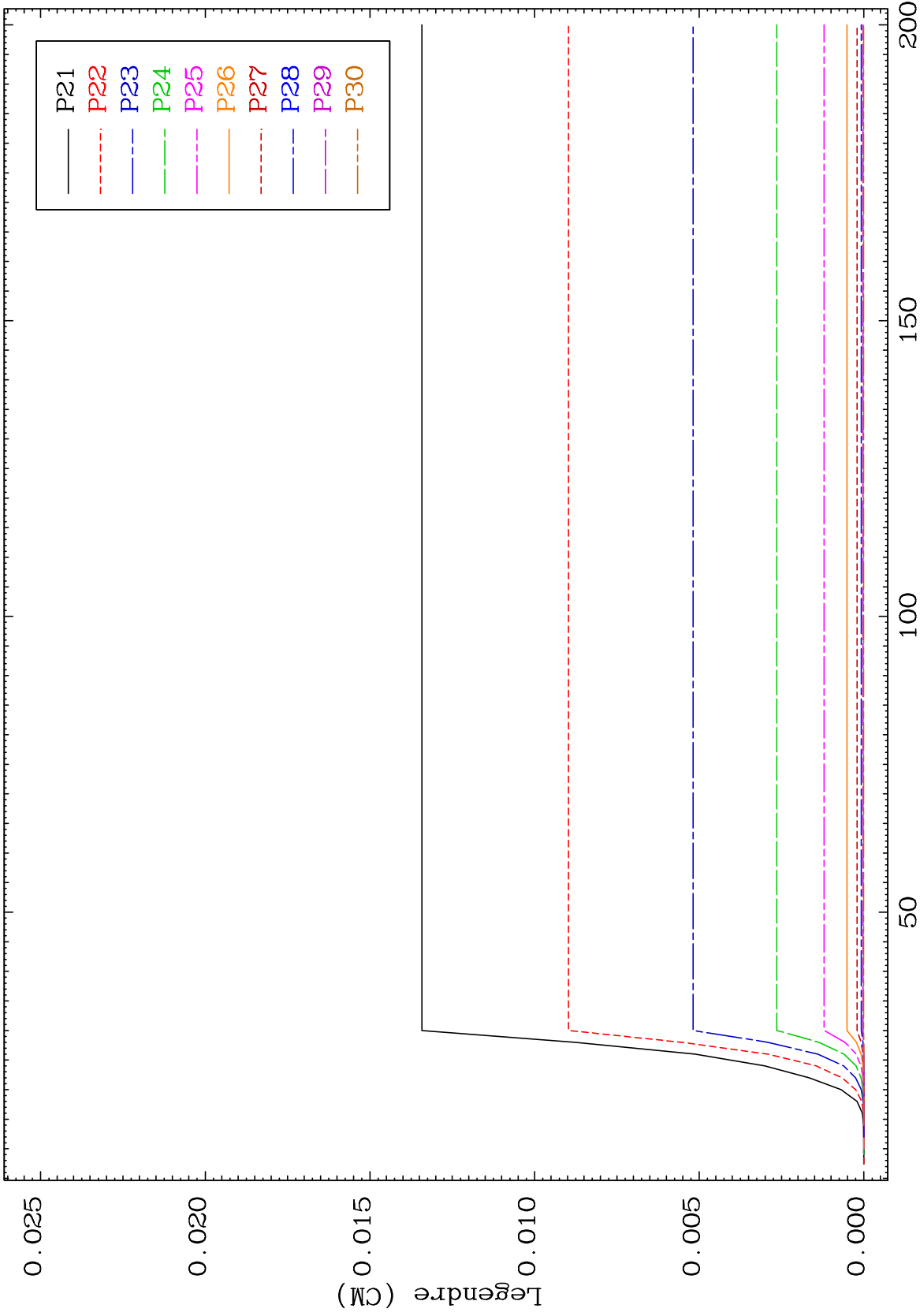
MAT 8540 MT= 65 (n,n') Level Legendre Coefficients 85-At-208



MAT 8540

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

85-At-208



72

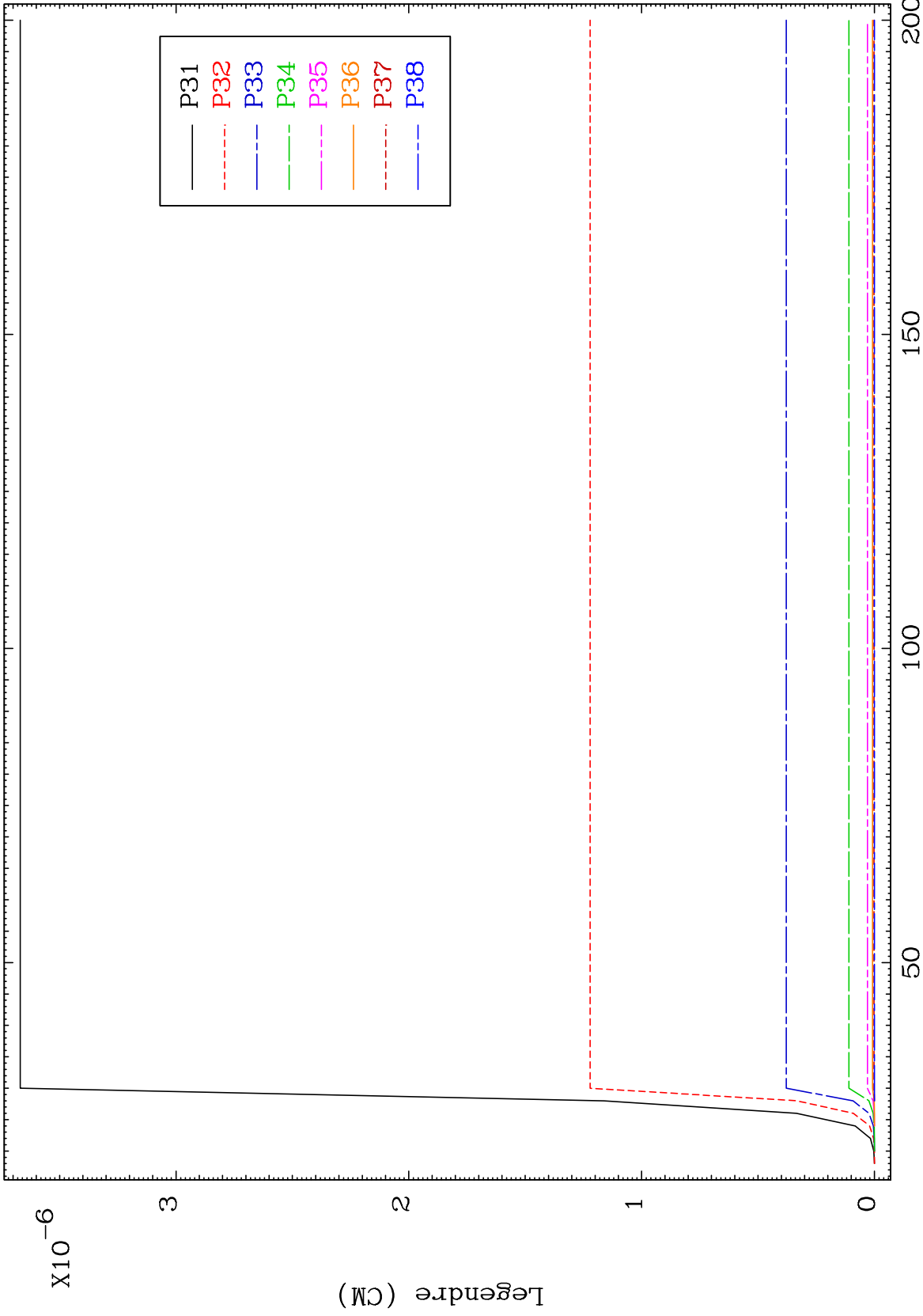
Incident Energy (MeV)

85-At-208

MAT 8540

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

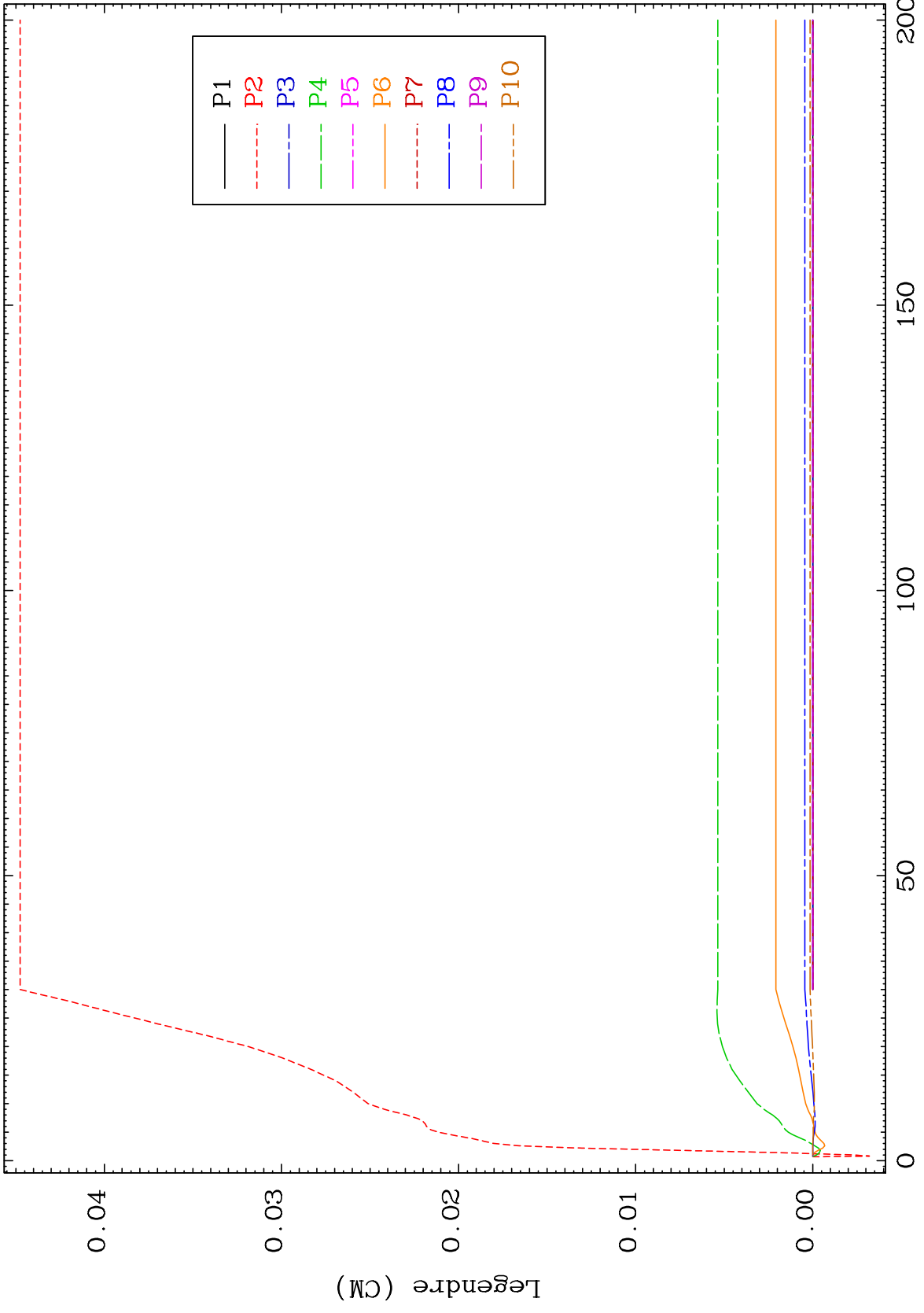
85-At-208



73

85-At-208

MAT 8540 MT= 66 (n,n') Level Legendre Coefficients 85-At-208

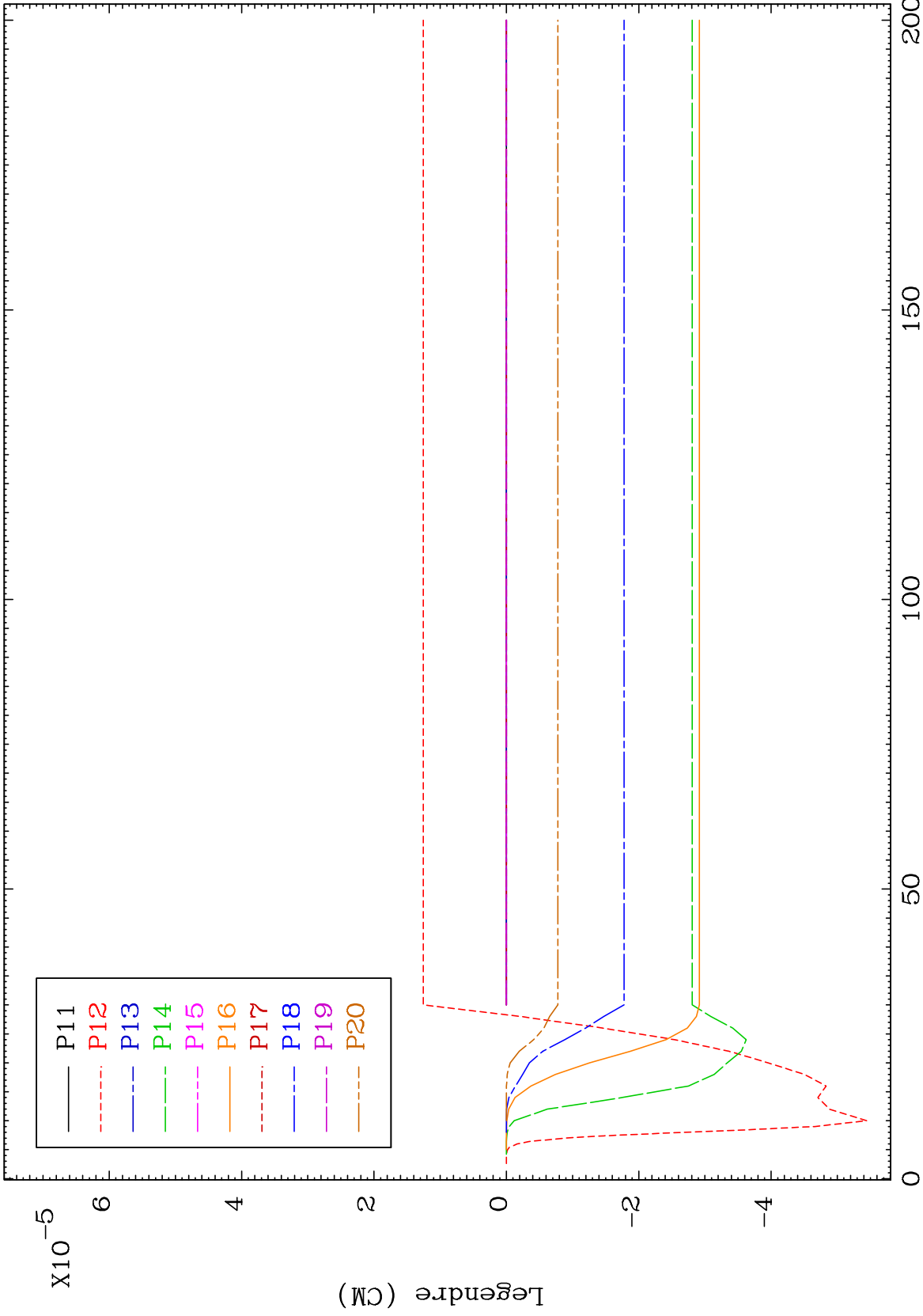


74 85-At-208

MAT 8540

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

85-At-208



75

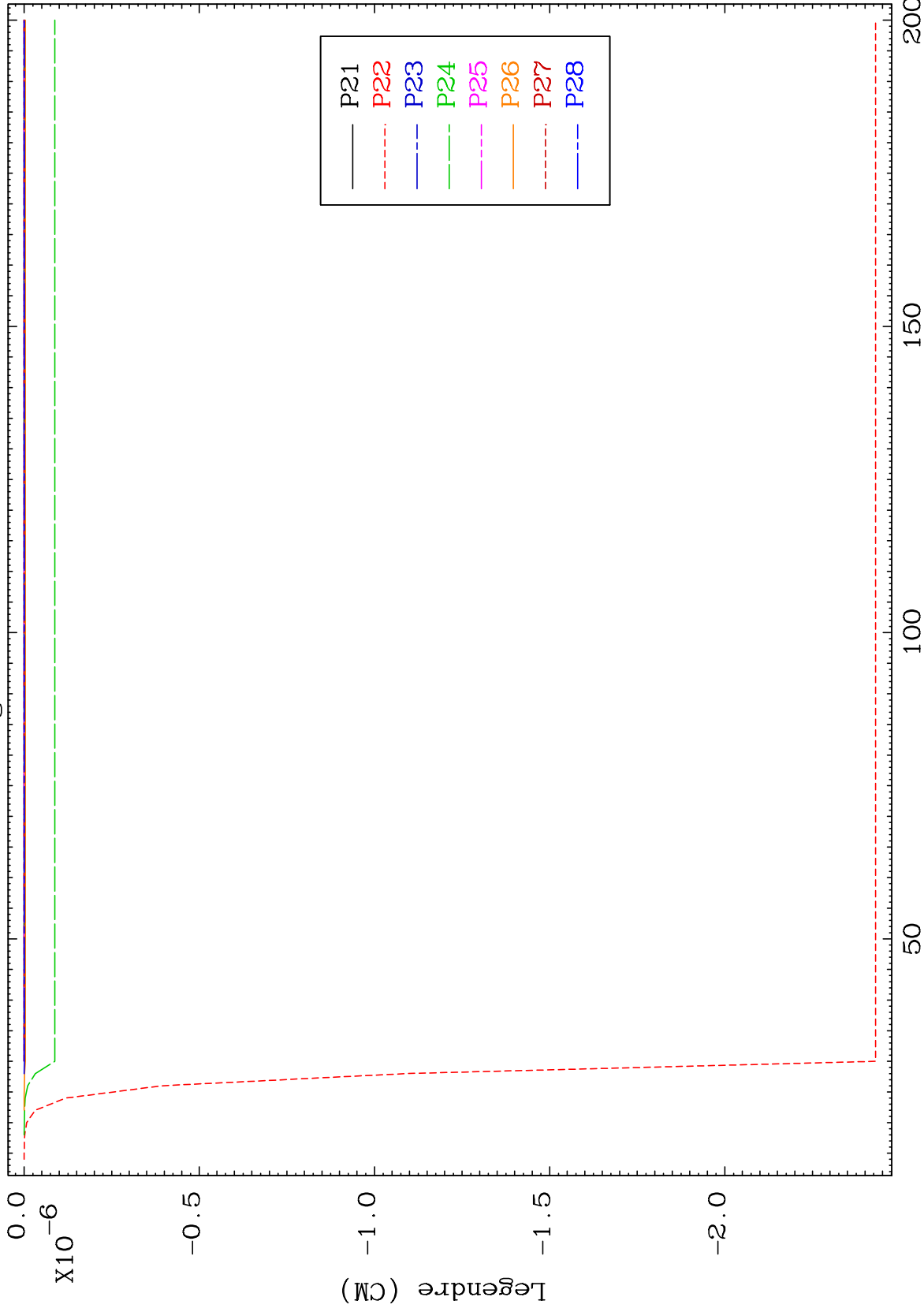
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



76

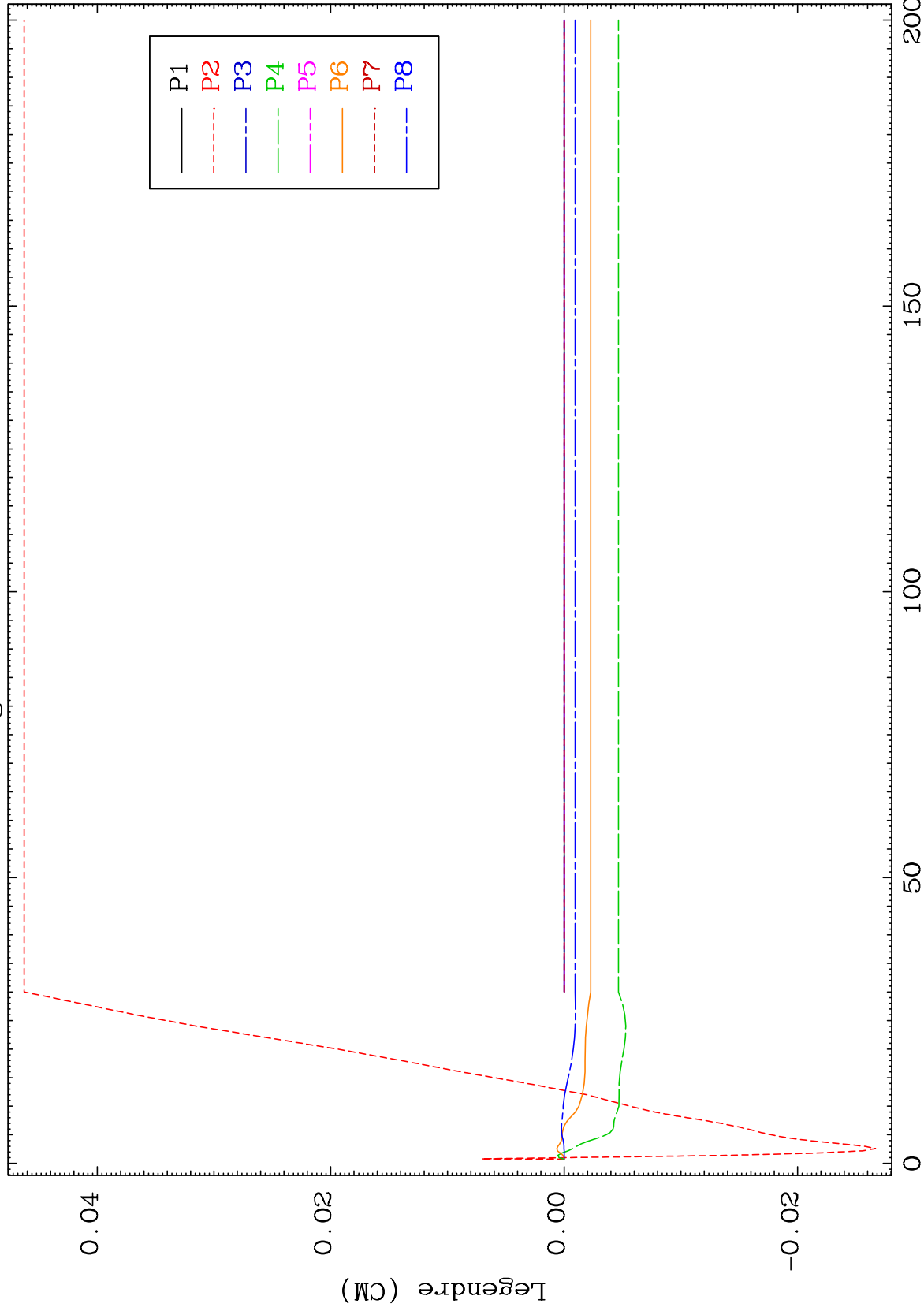
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



77

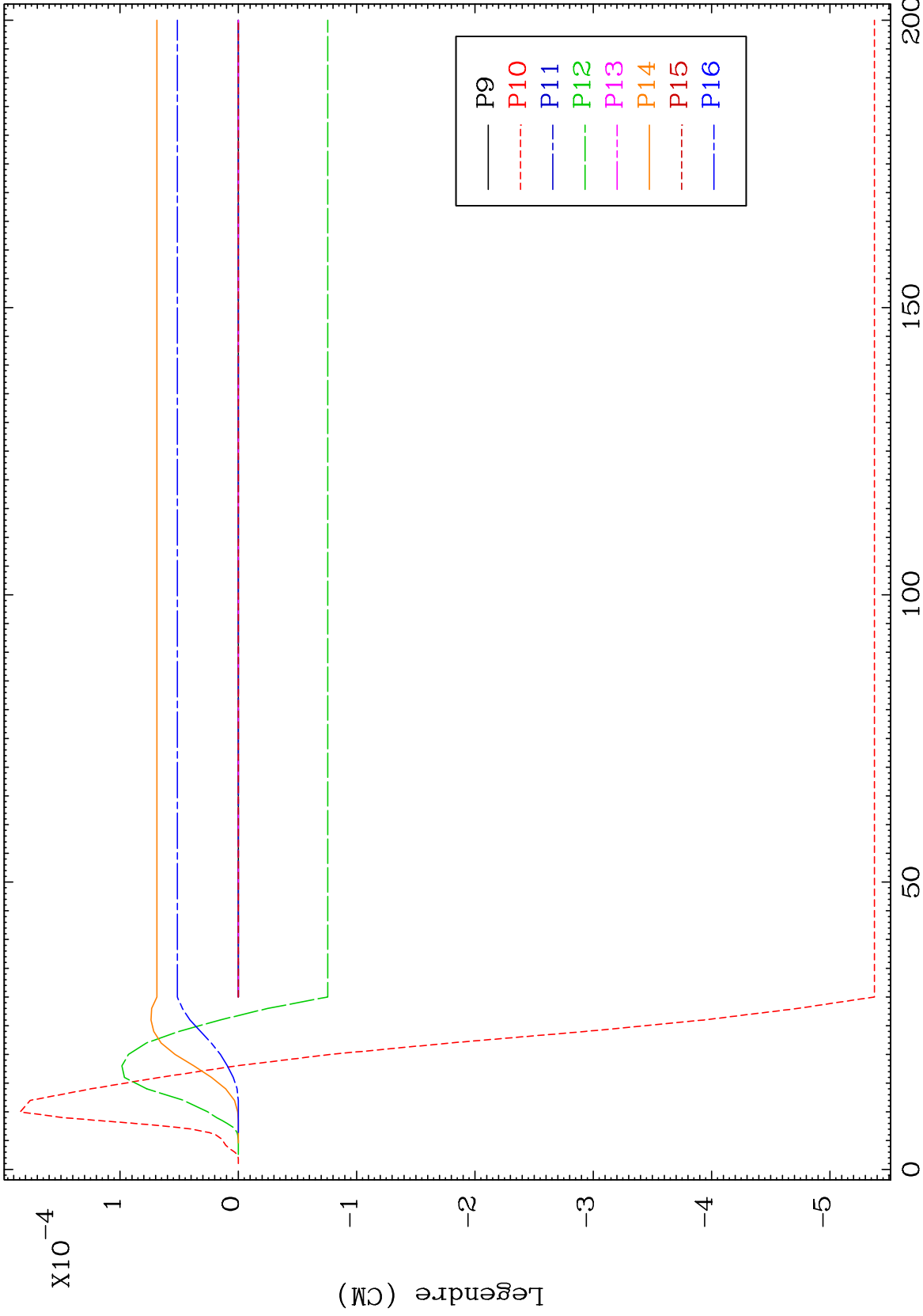
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



78

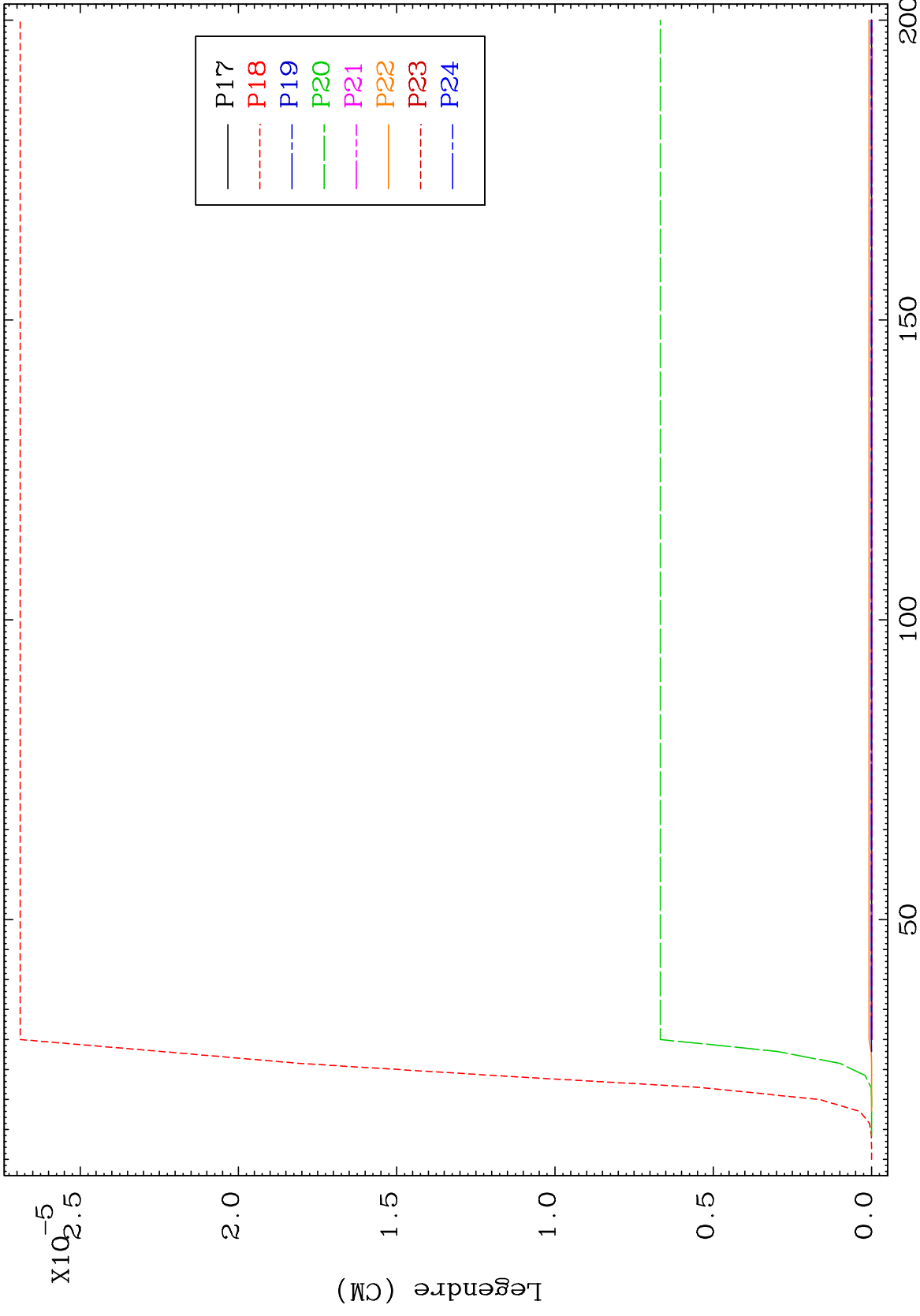
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208

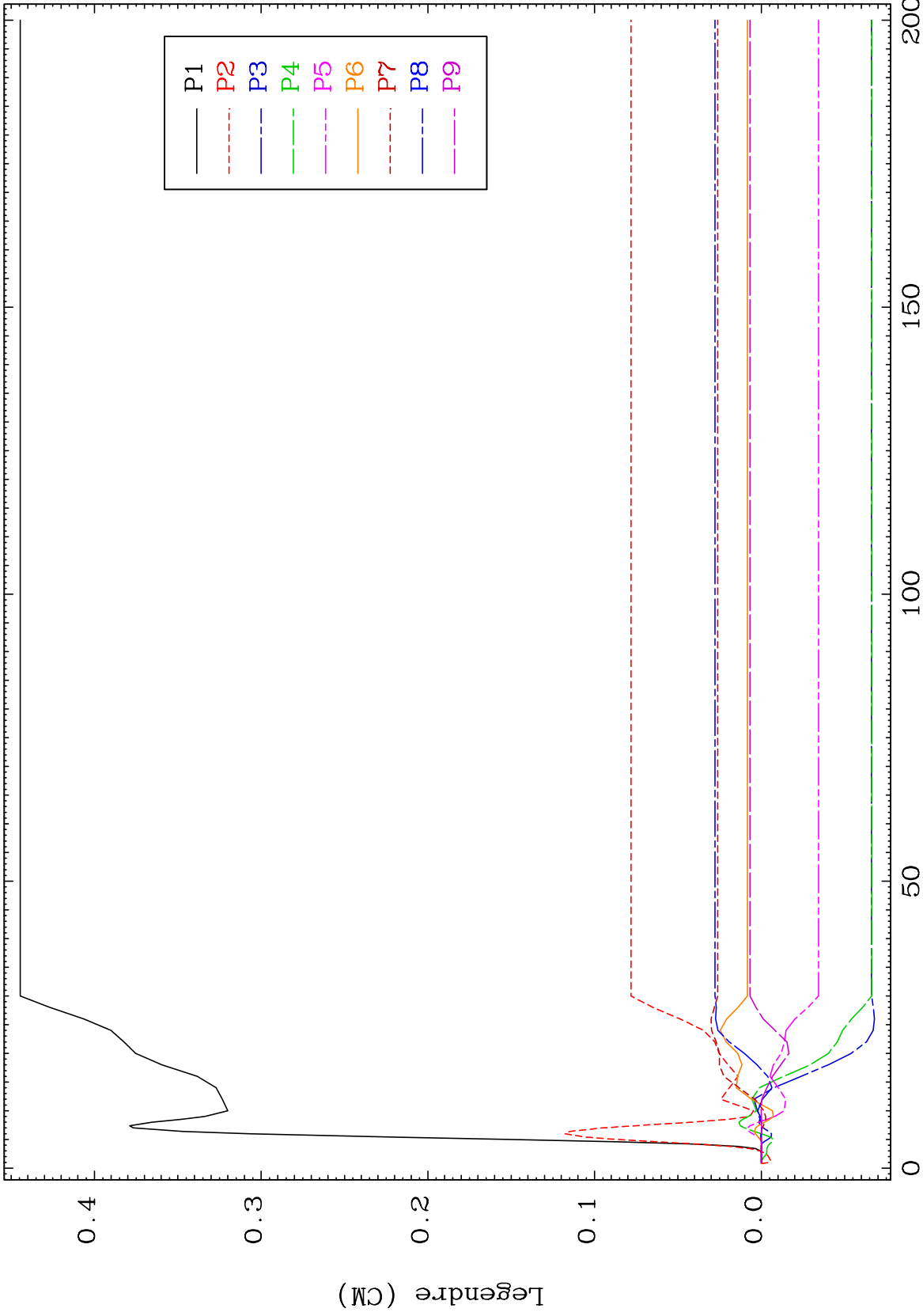


79

MAT 8540

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

85-At-208



80

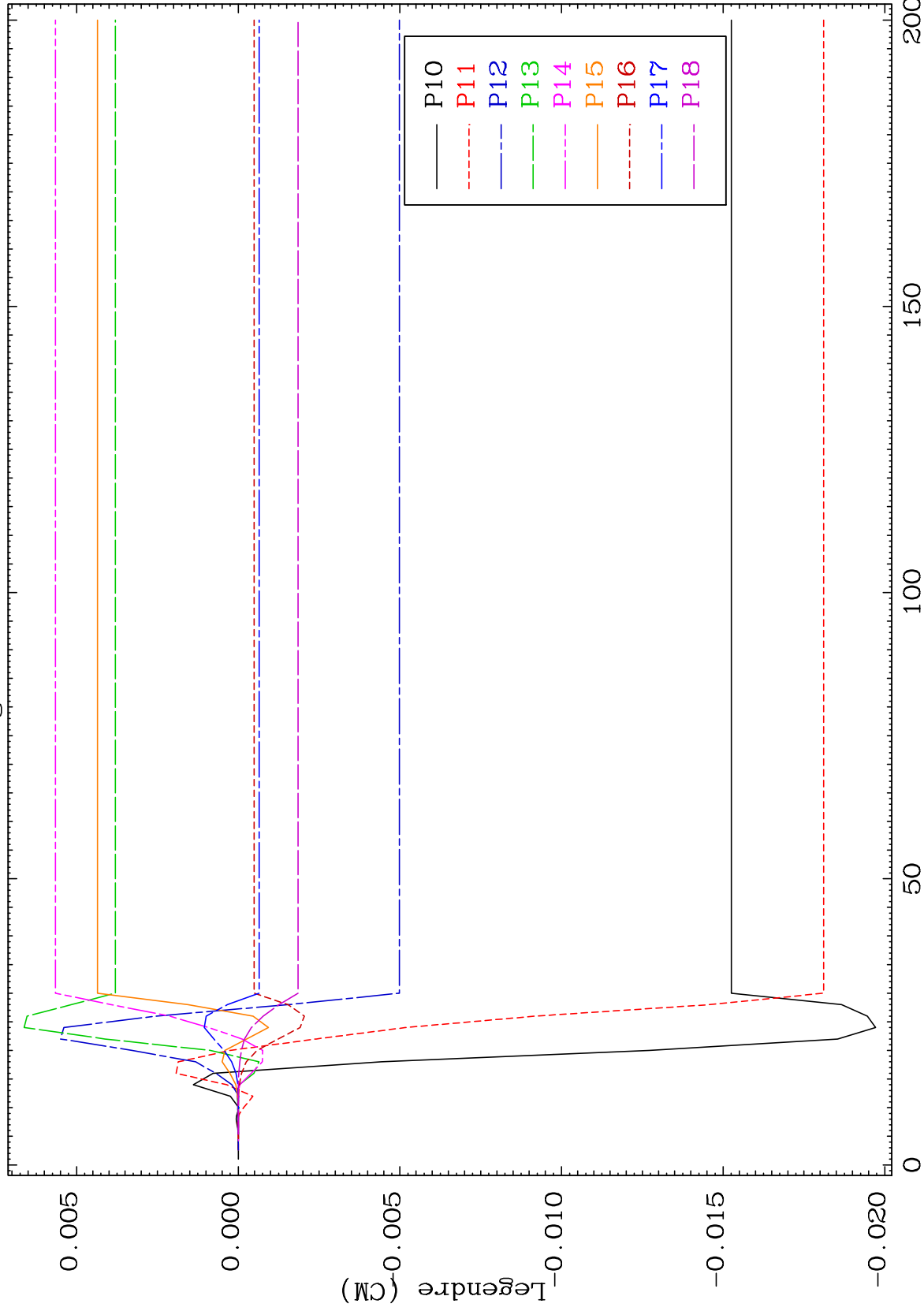
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



81

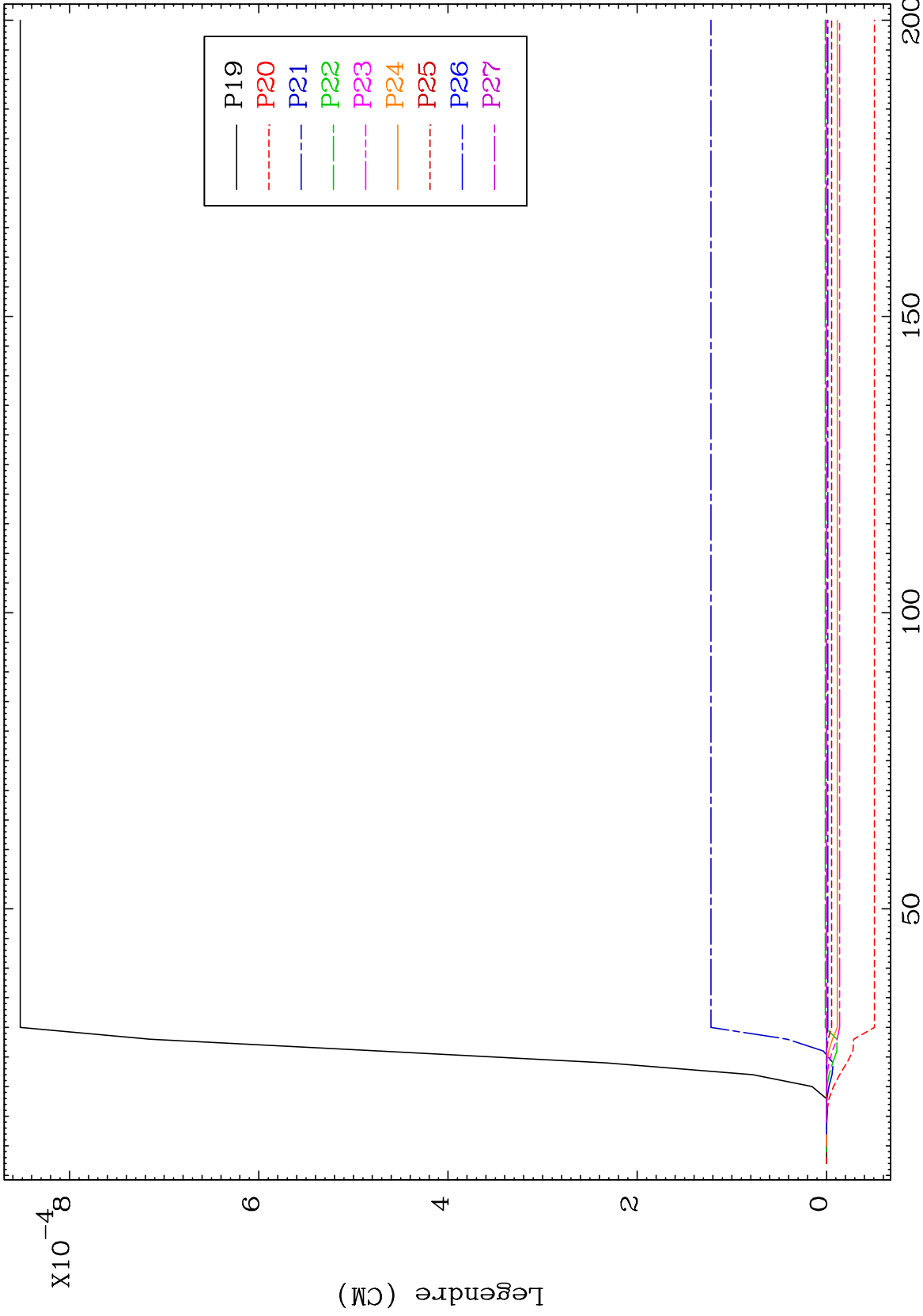
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



82

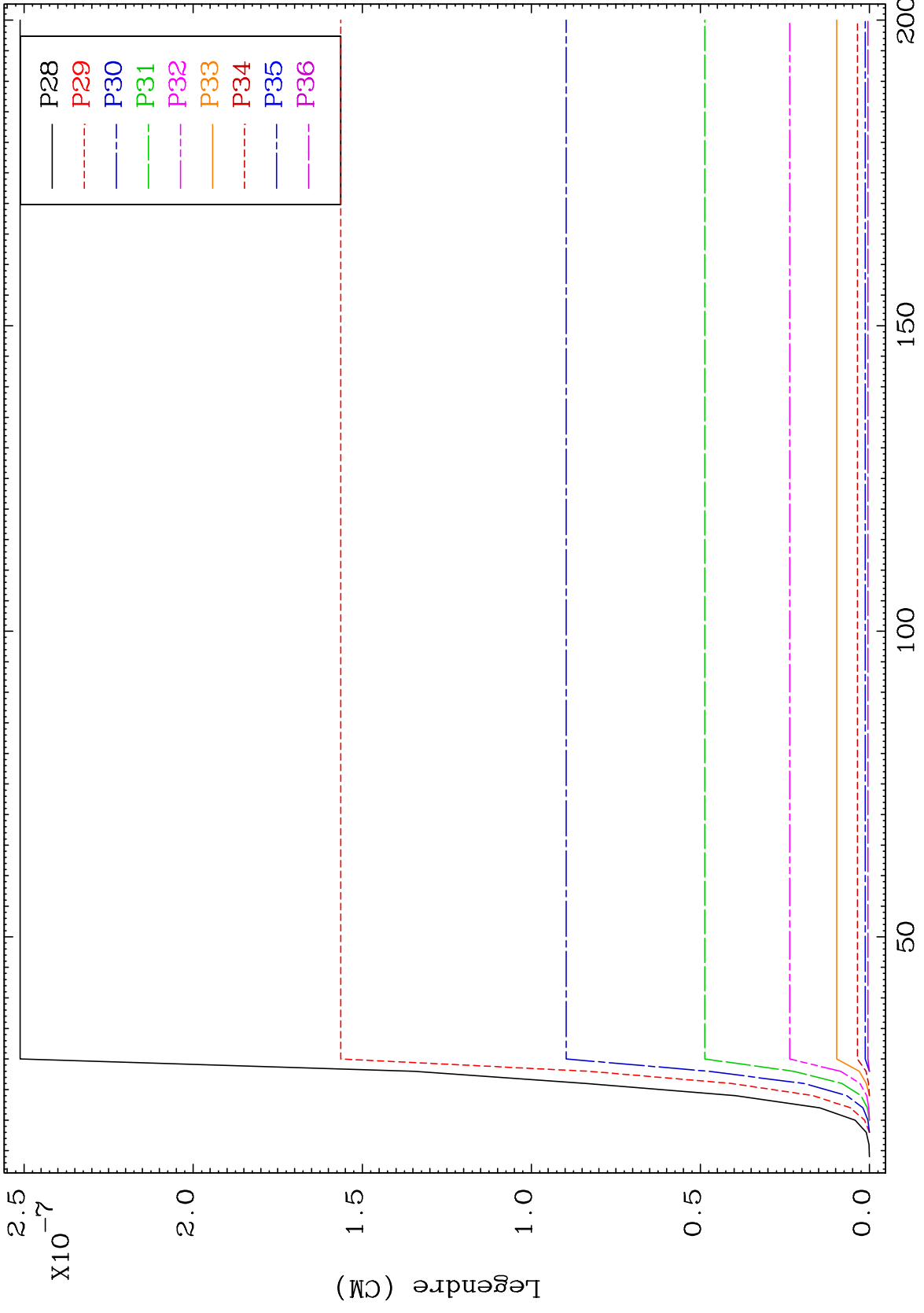
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



83

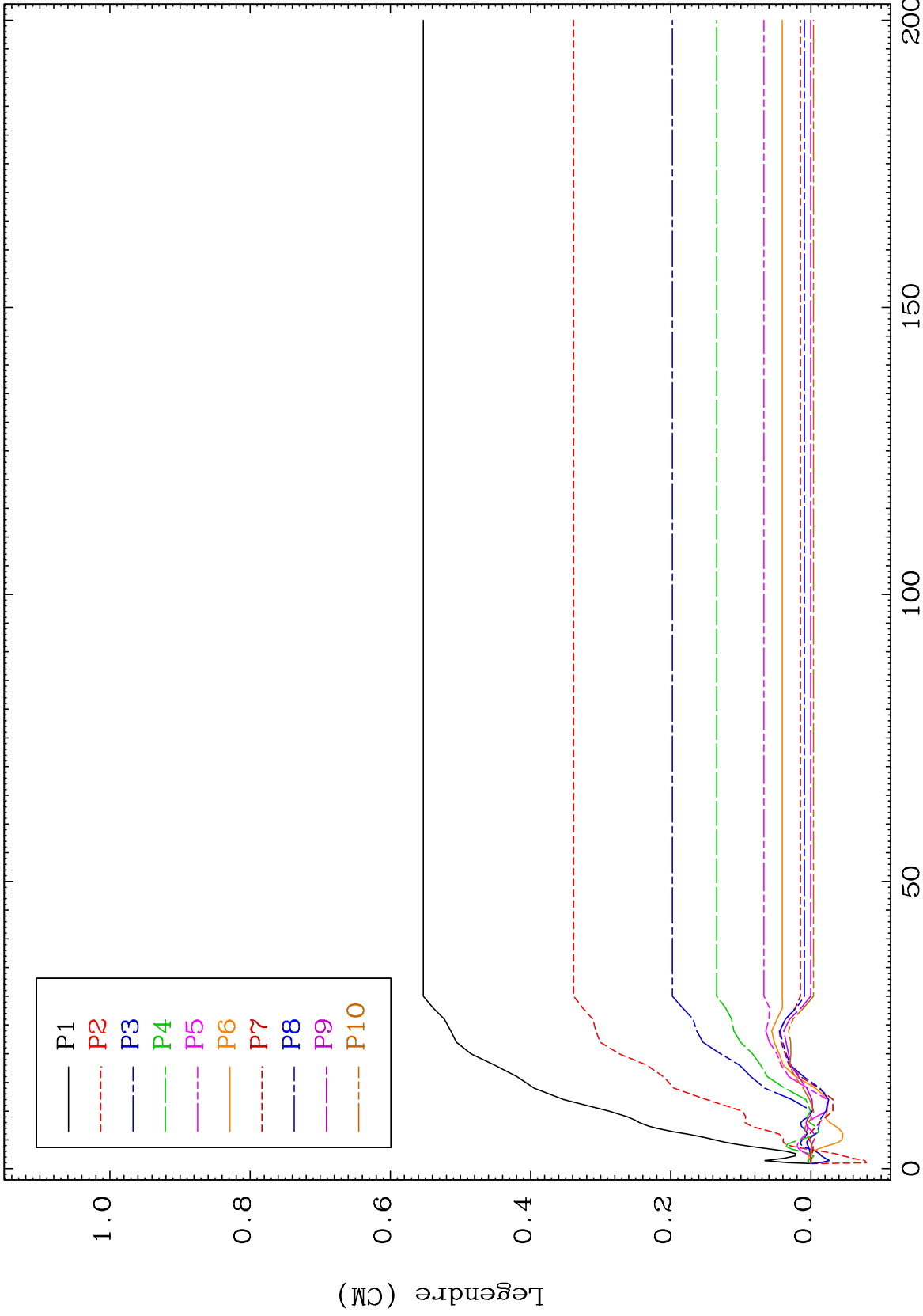
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



84

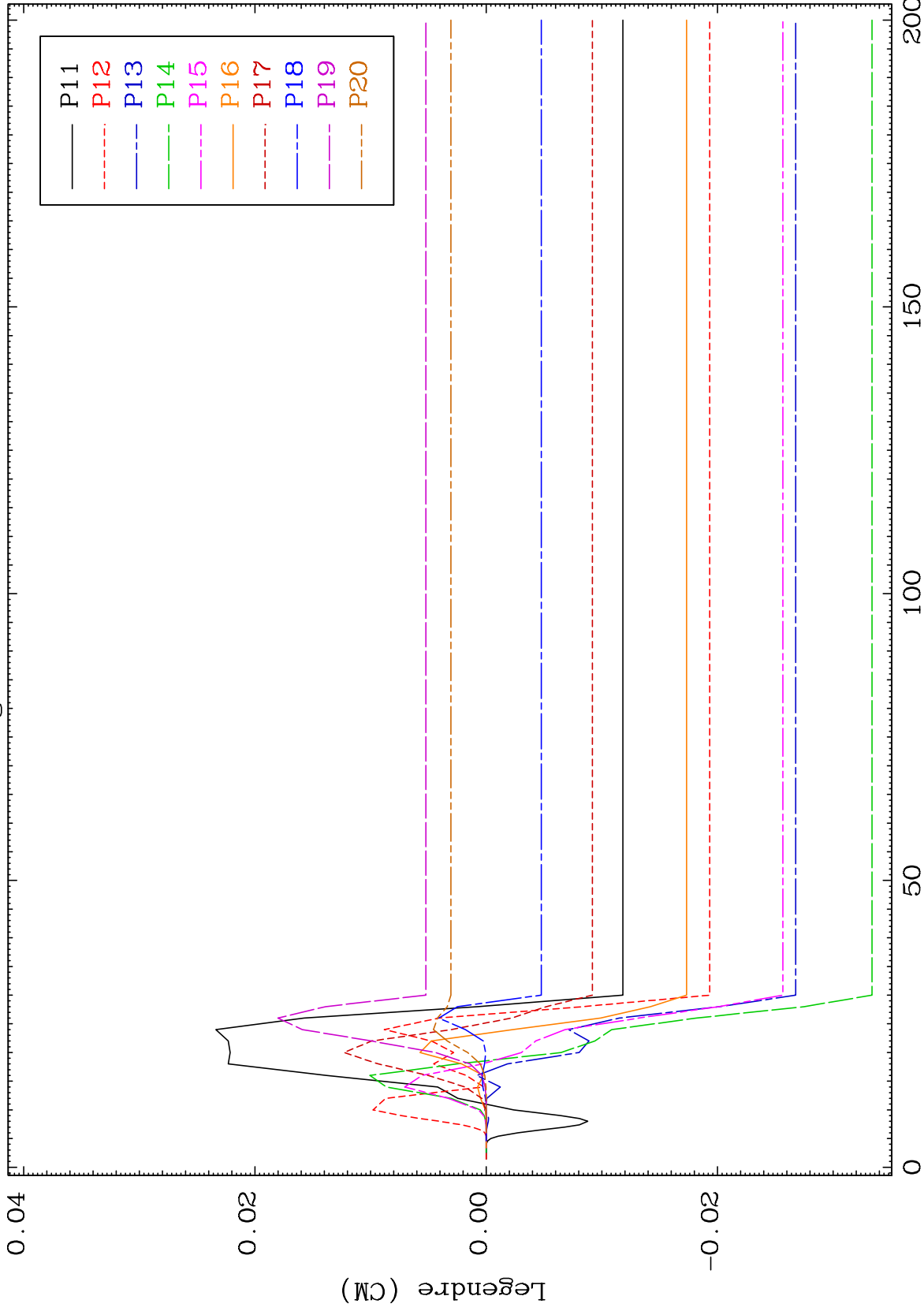
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



85

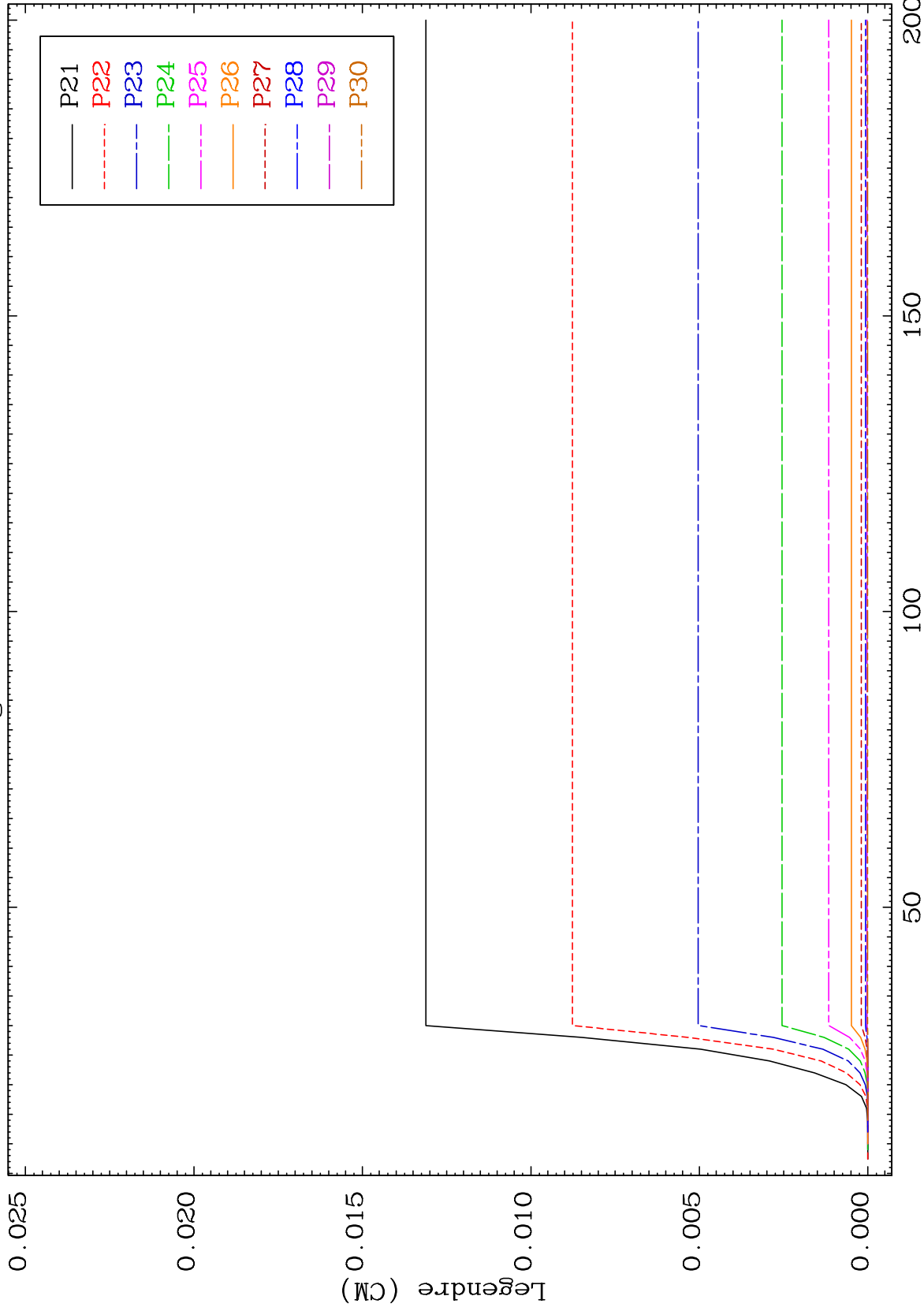
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



86

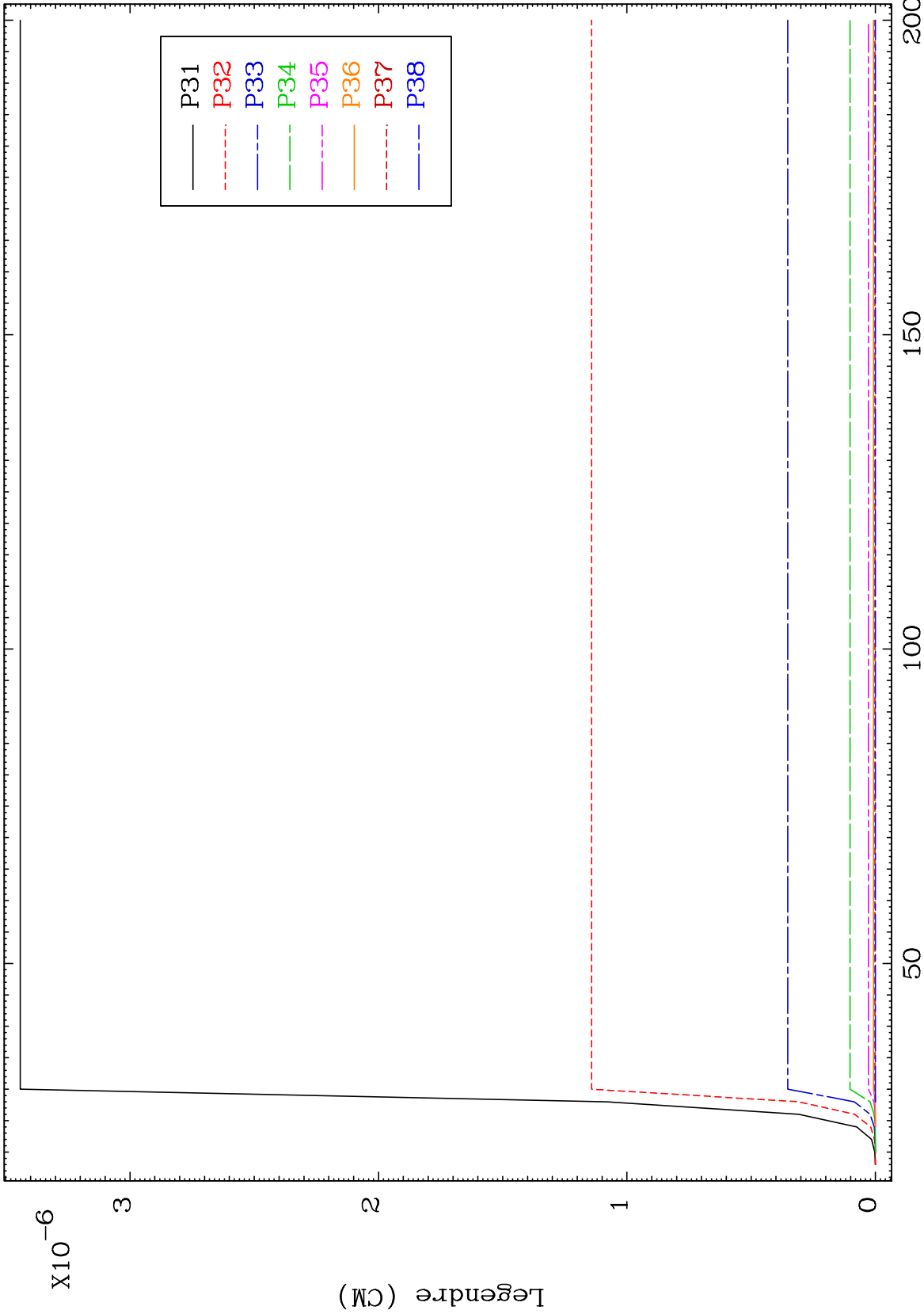
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



87

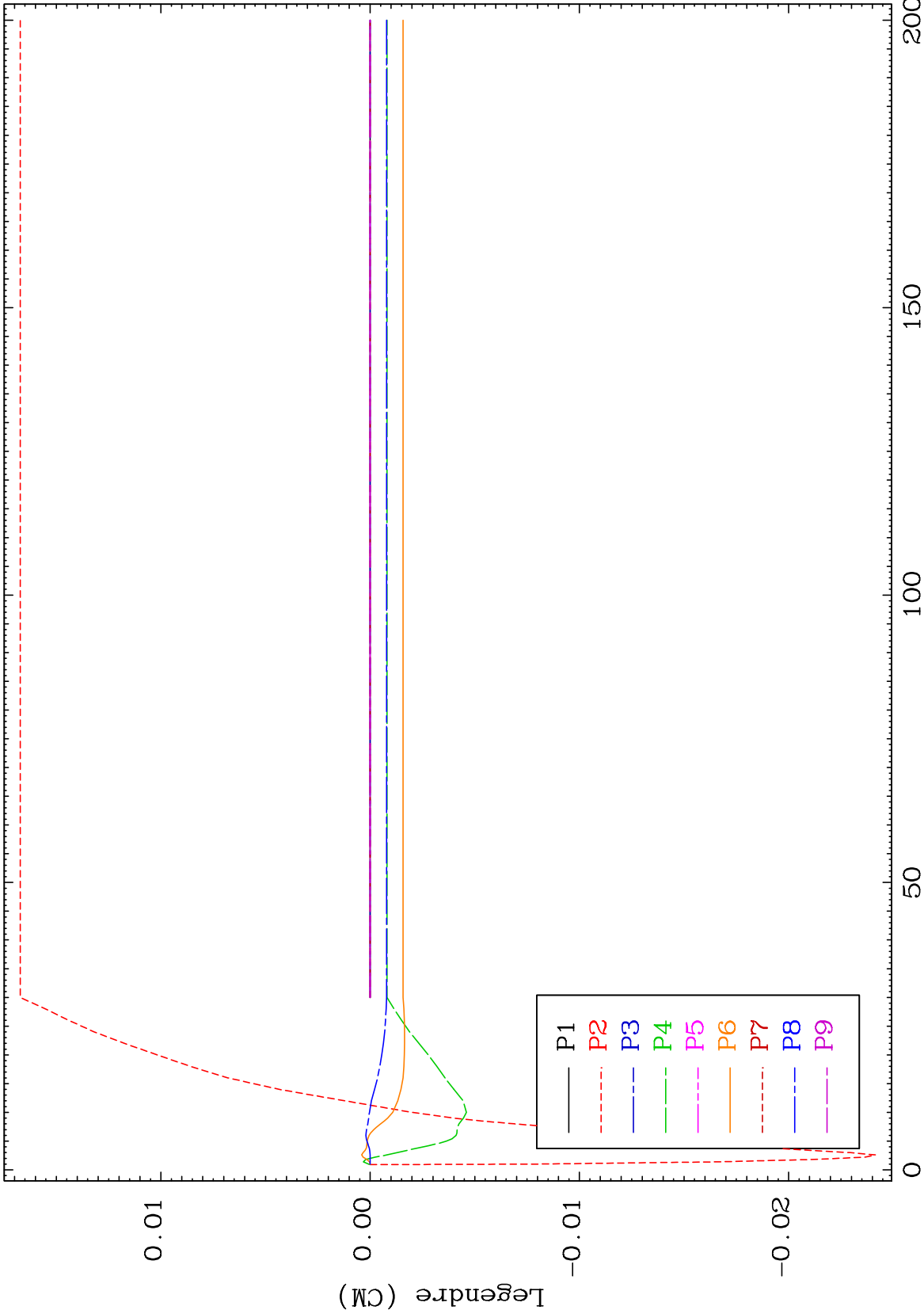
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



88

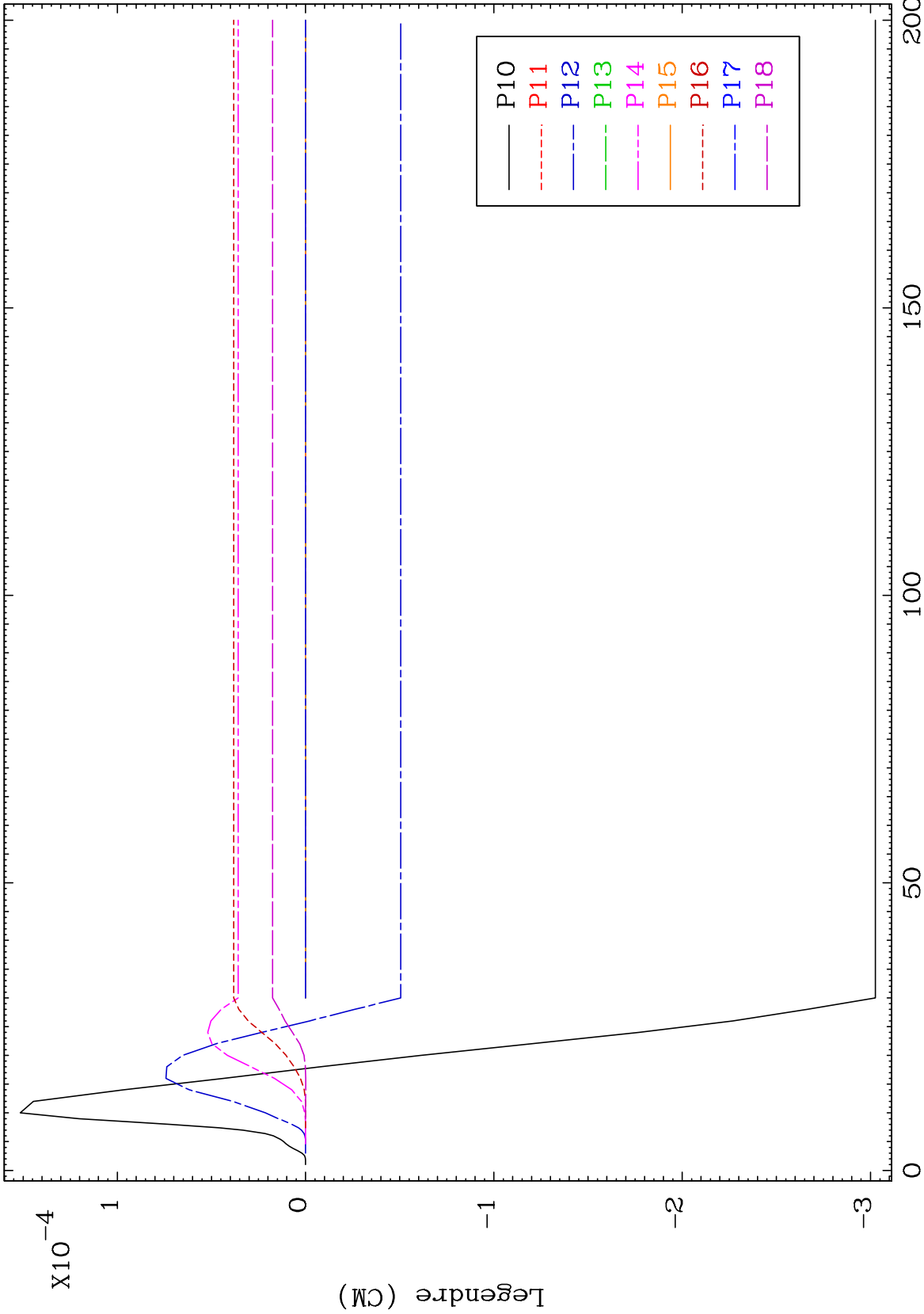
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208

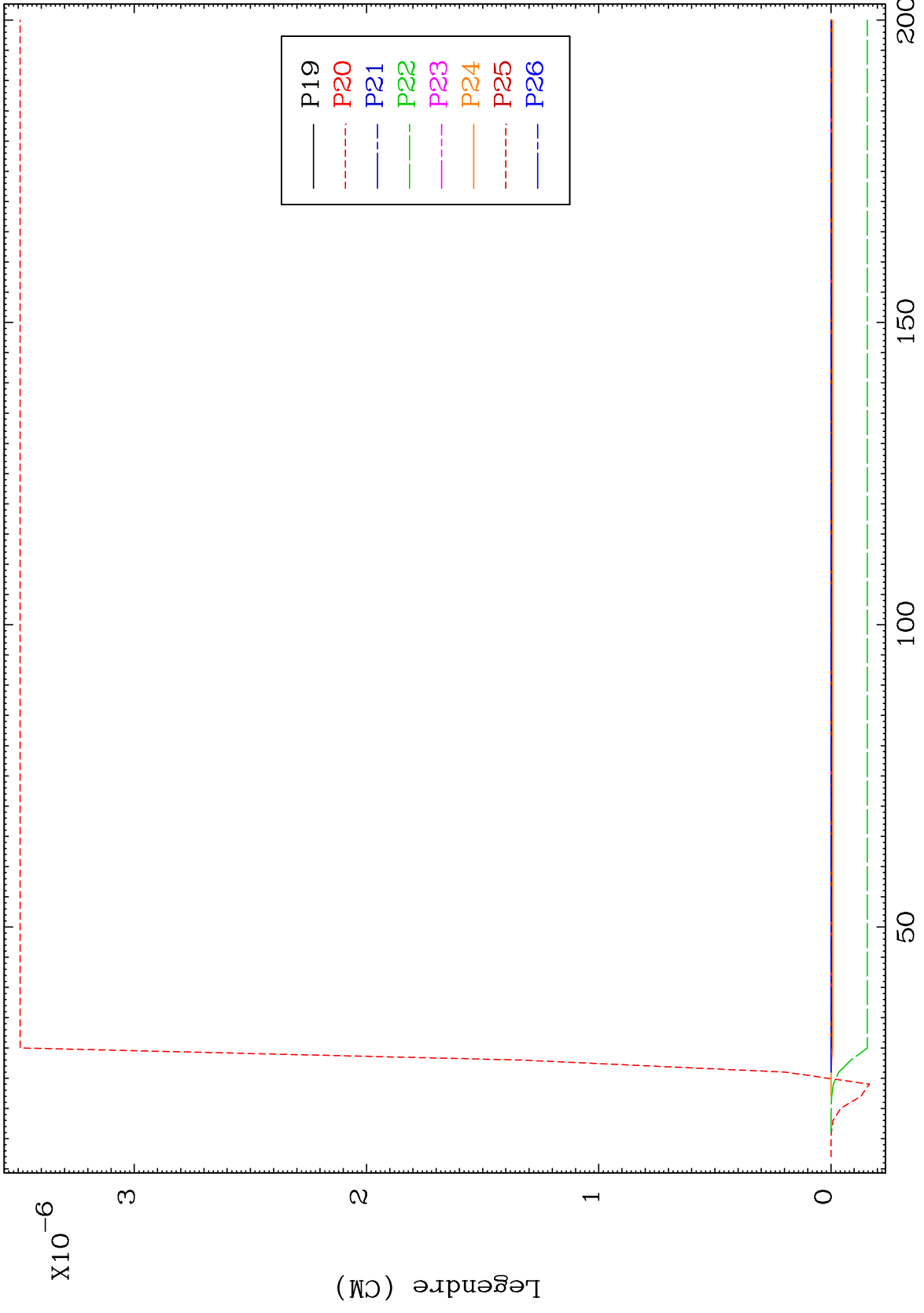


89

Incident Energy (MeV)

85-At-208

MAT 8540 MT= 70 (n,n') Level Legendre Coefficients 85-At-208

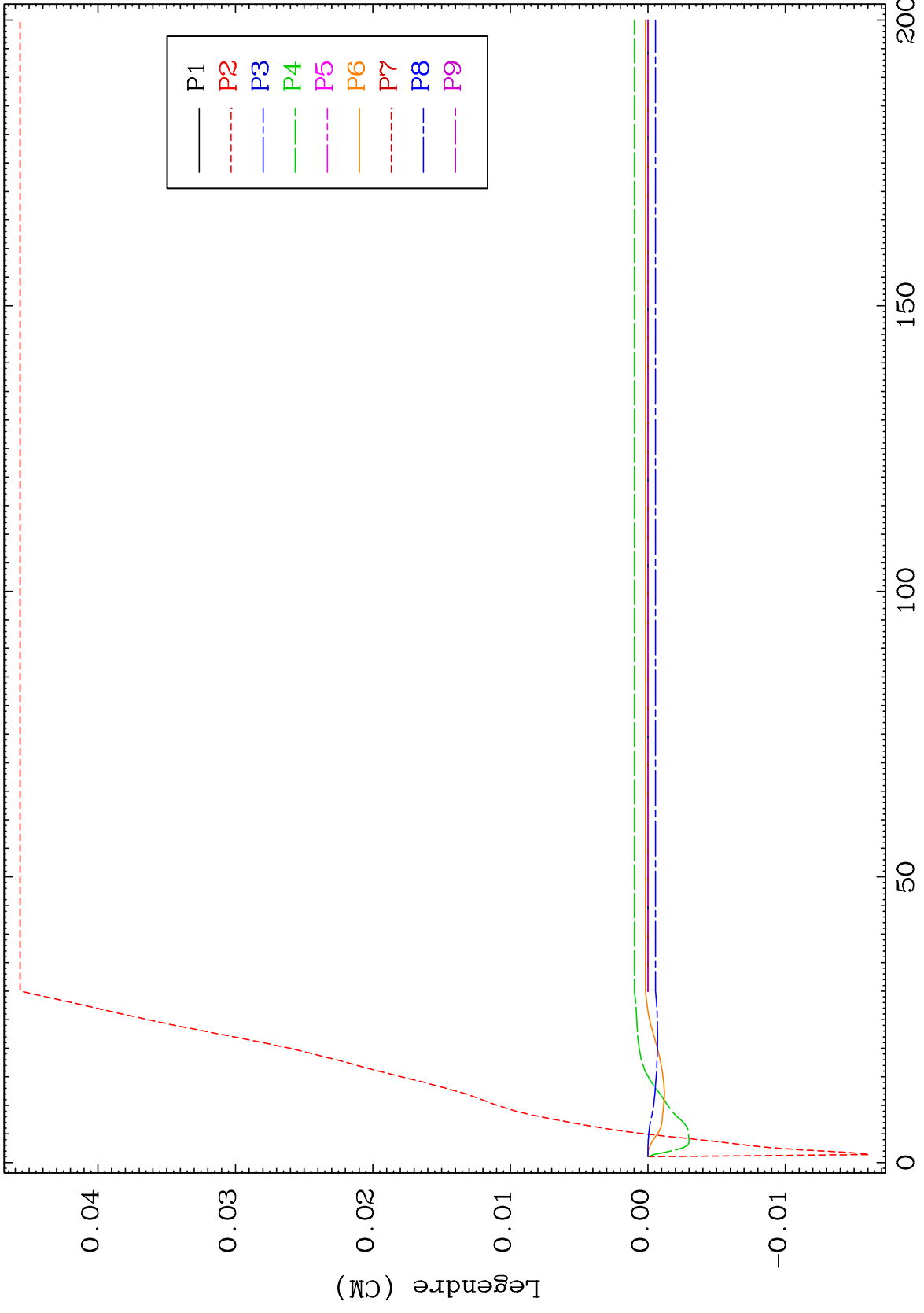


90 50 100 150 200 Incident Energy (MeV) 85-At-208

MAT 8540

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

85-At-208



91

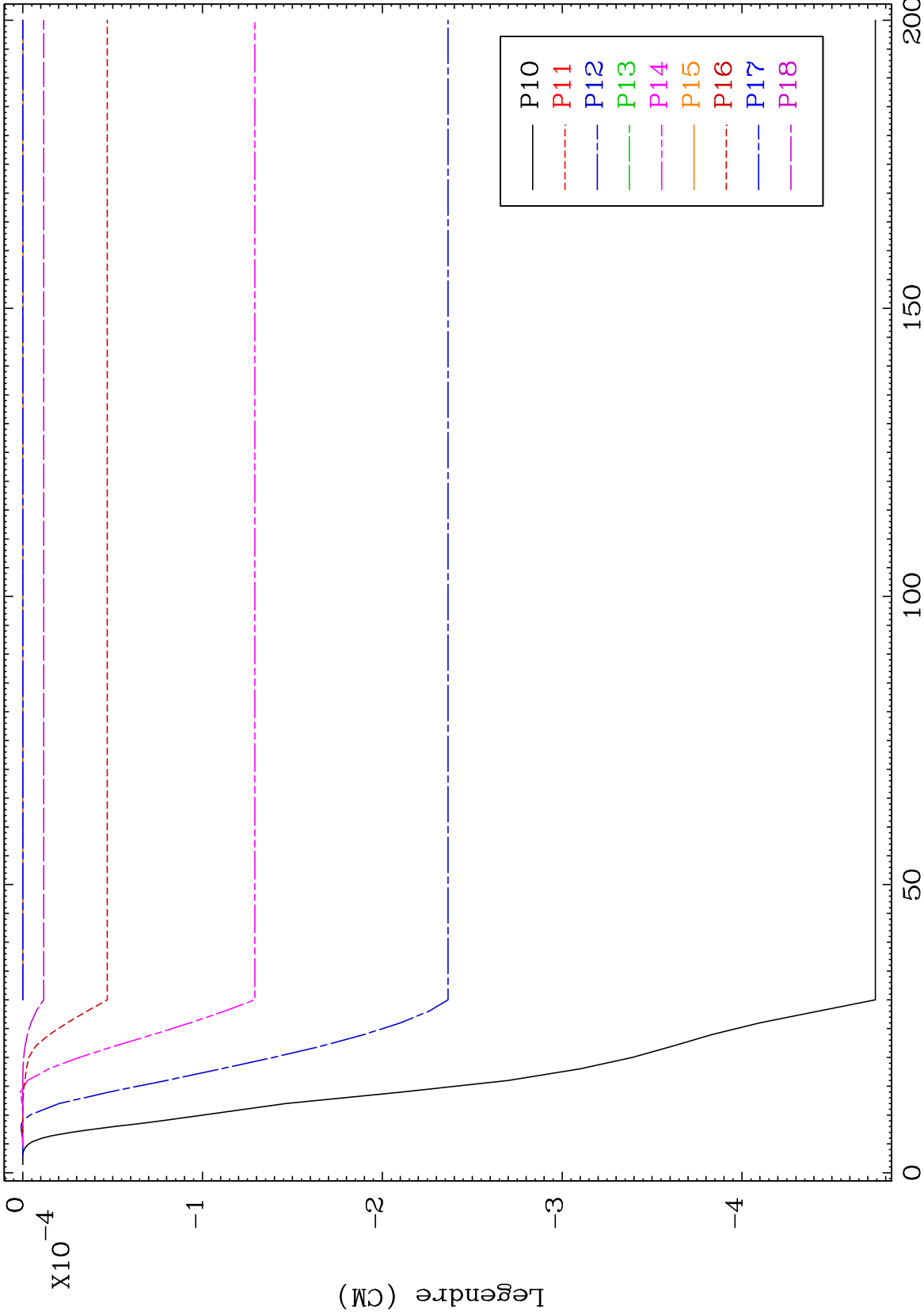
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



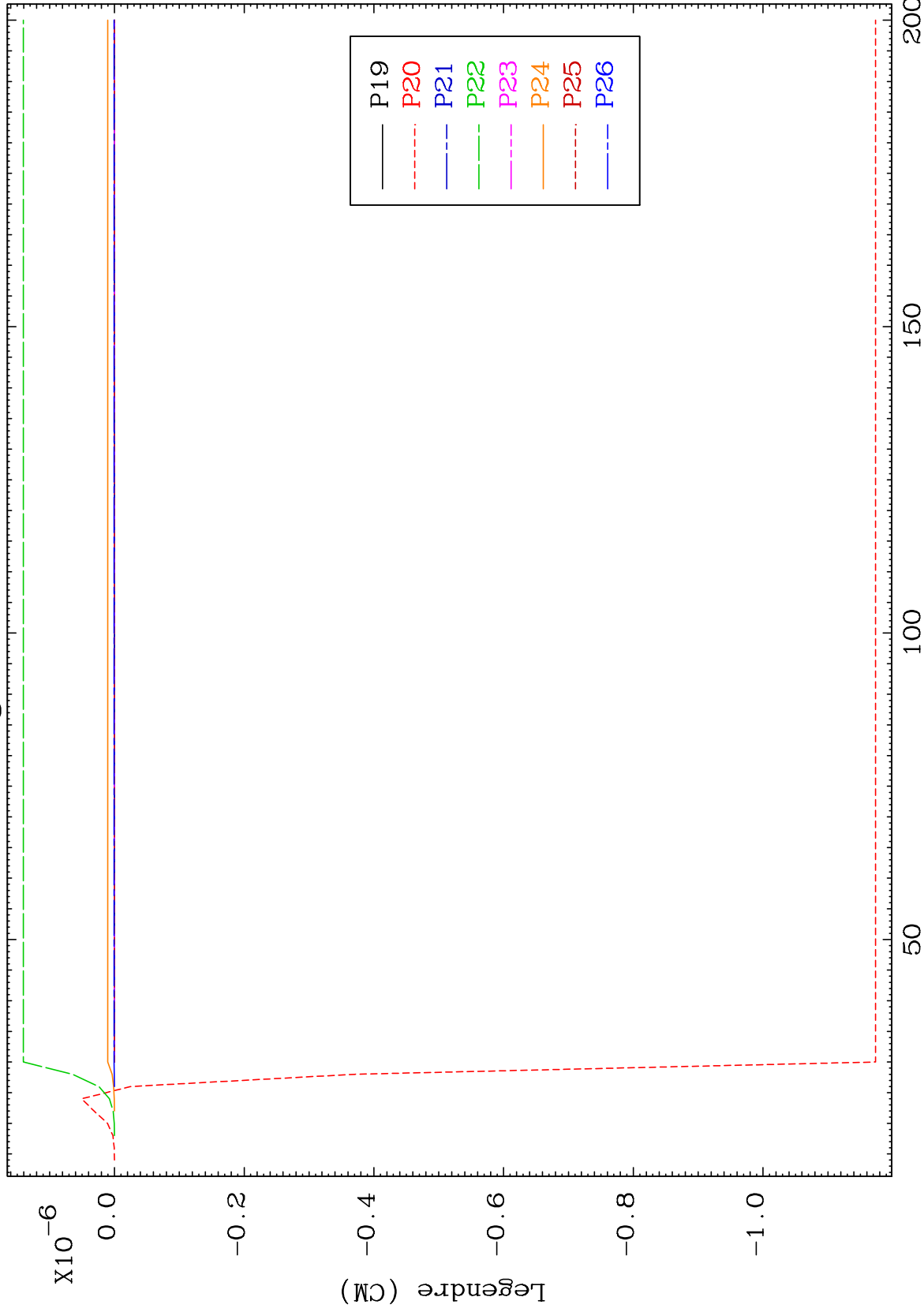
92

85-At-208

MAT 8540

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

85-At-208



93

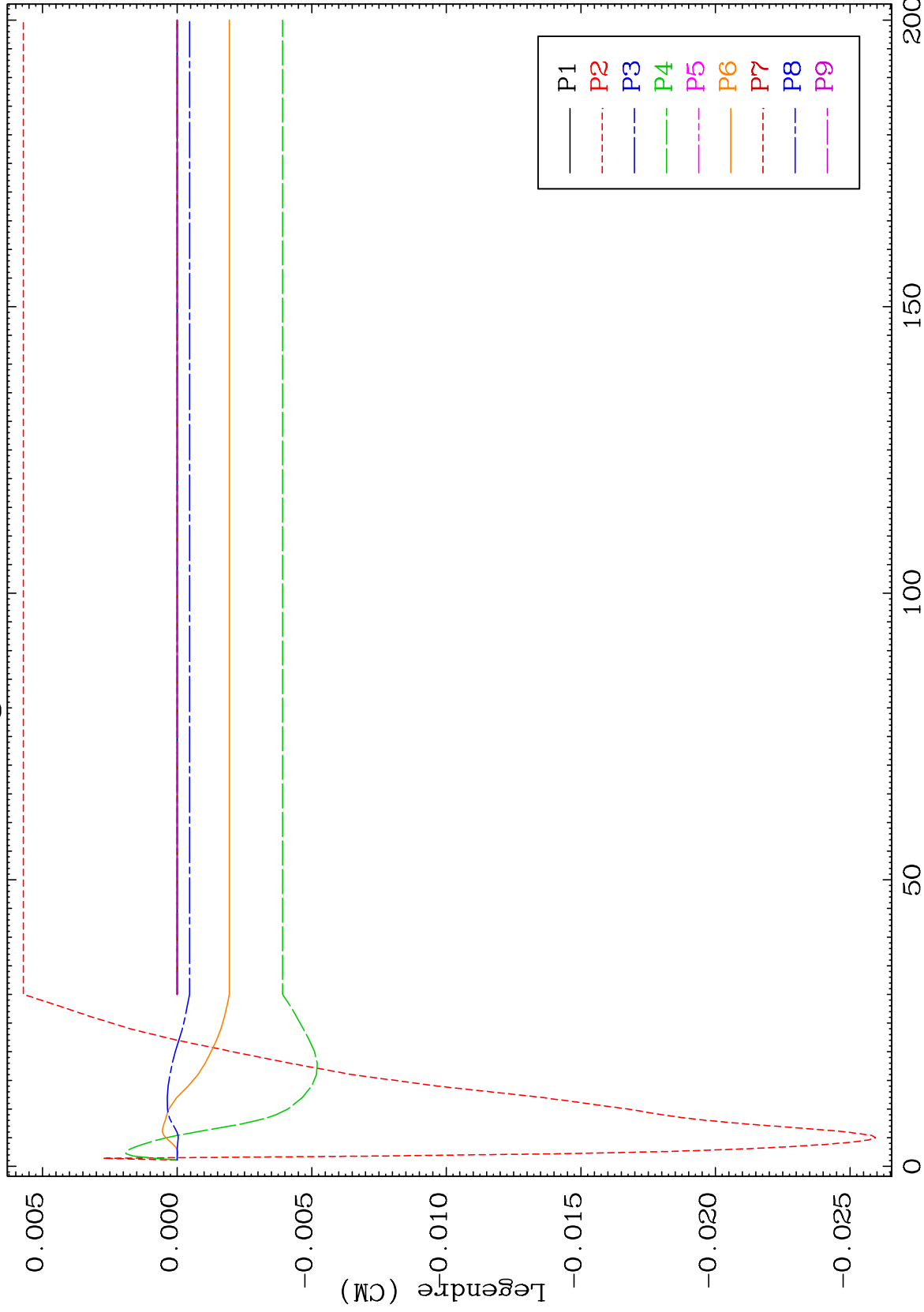
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



94

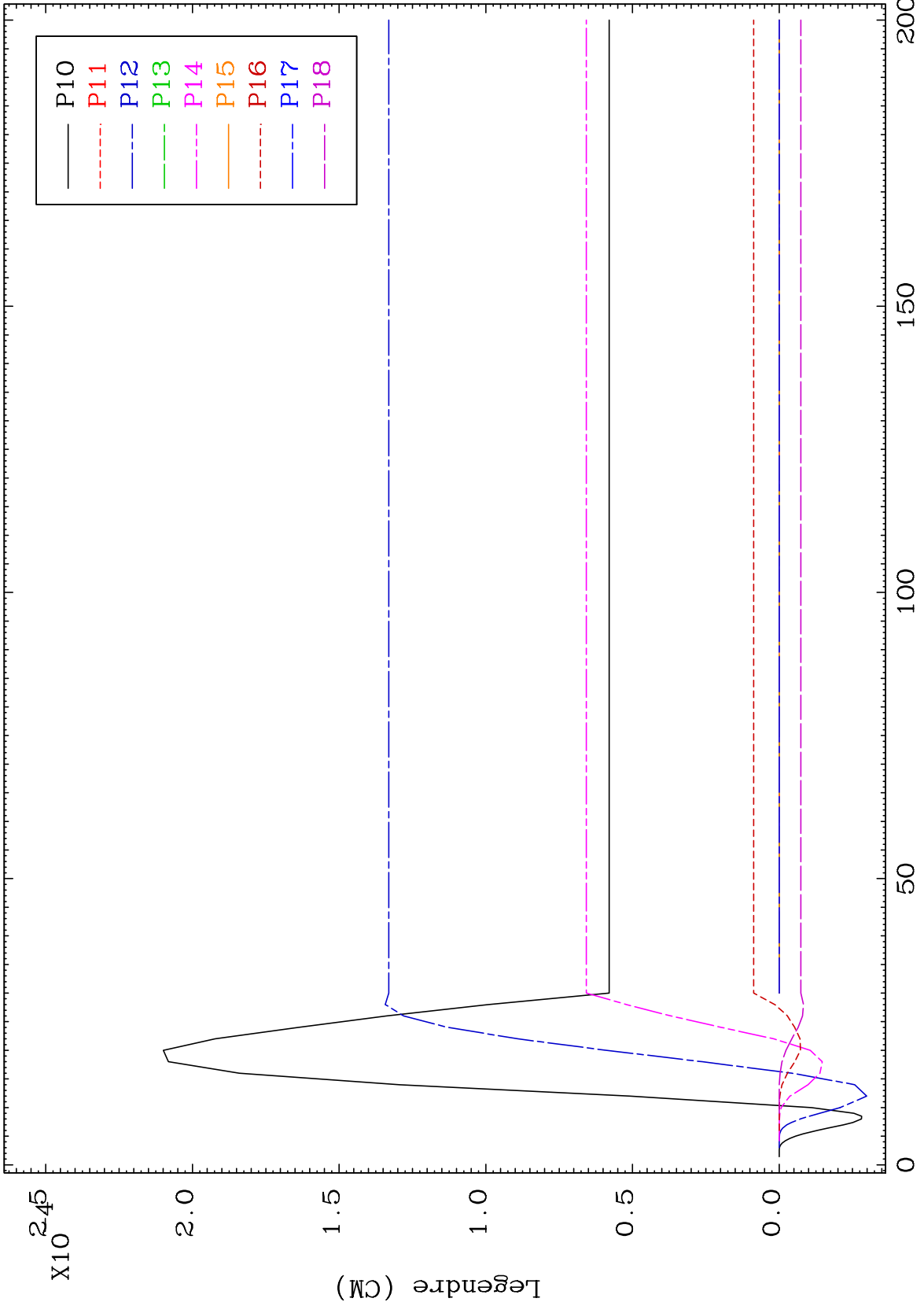
Incident Energy (MeV)

85-At-208

MAT 8540

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

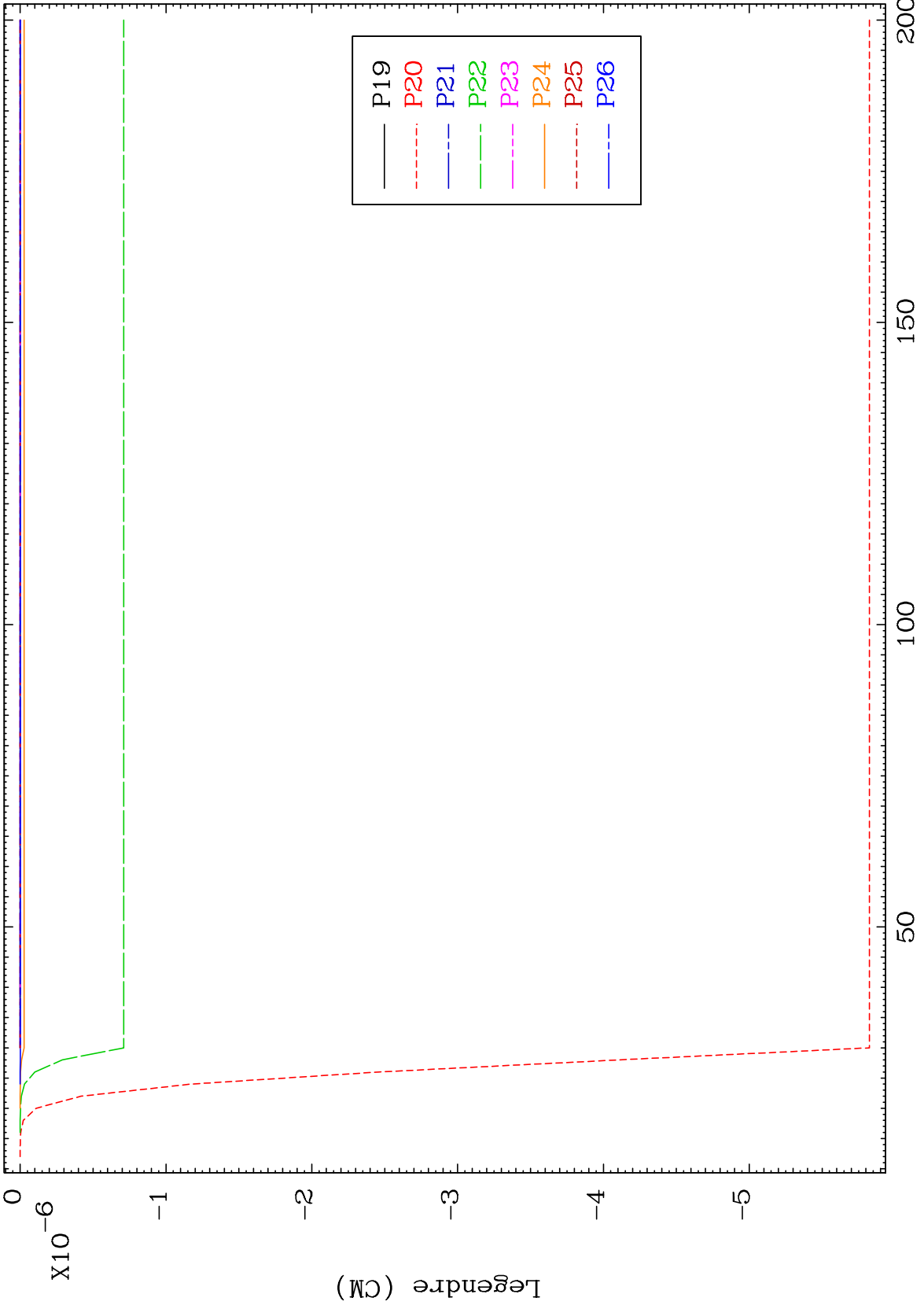
85-At-208



95

Incident Energy (MeV)

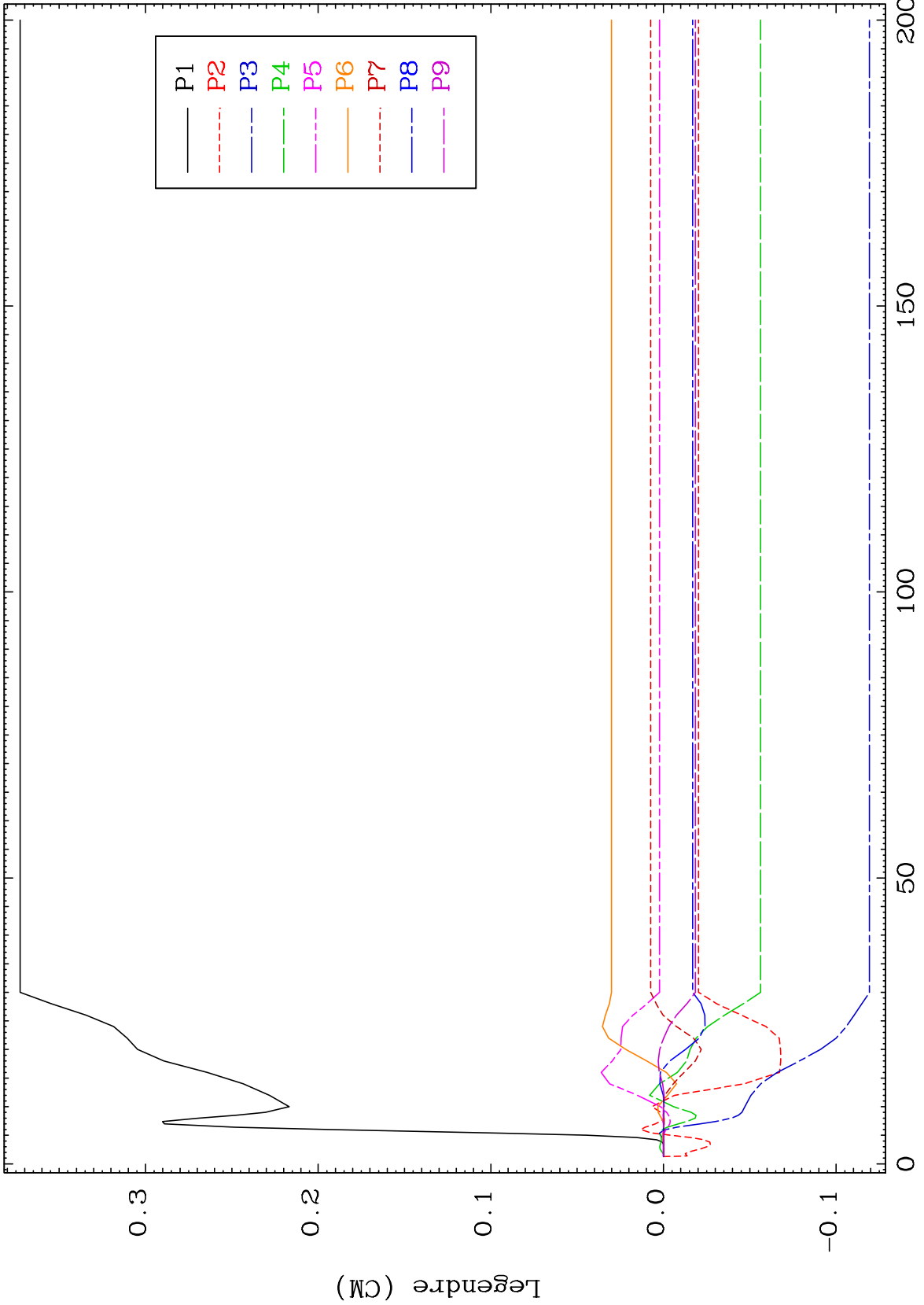
85-At-208



MAT 8540

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

85-At-208



97

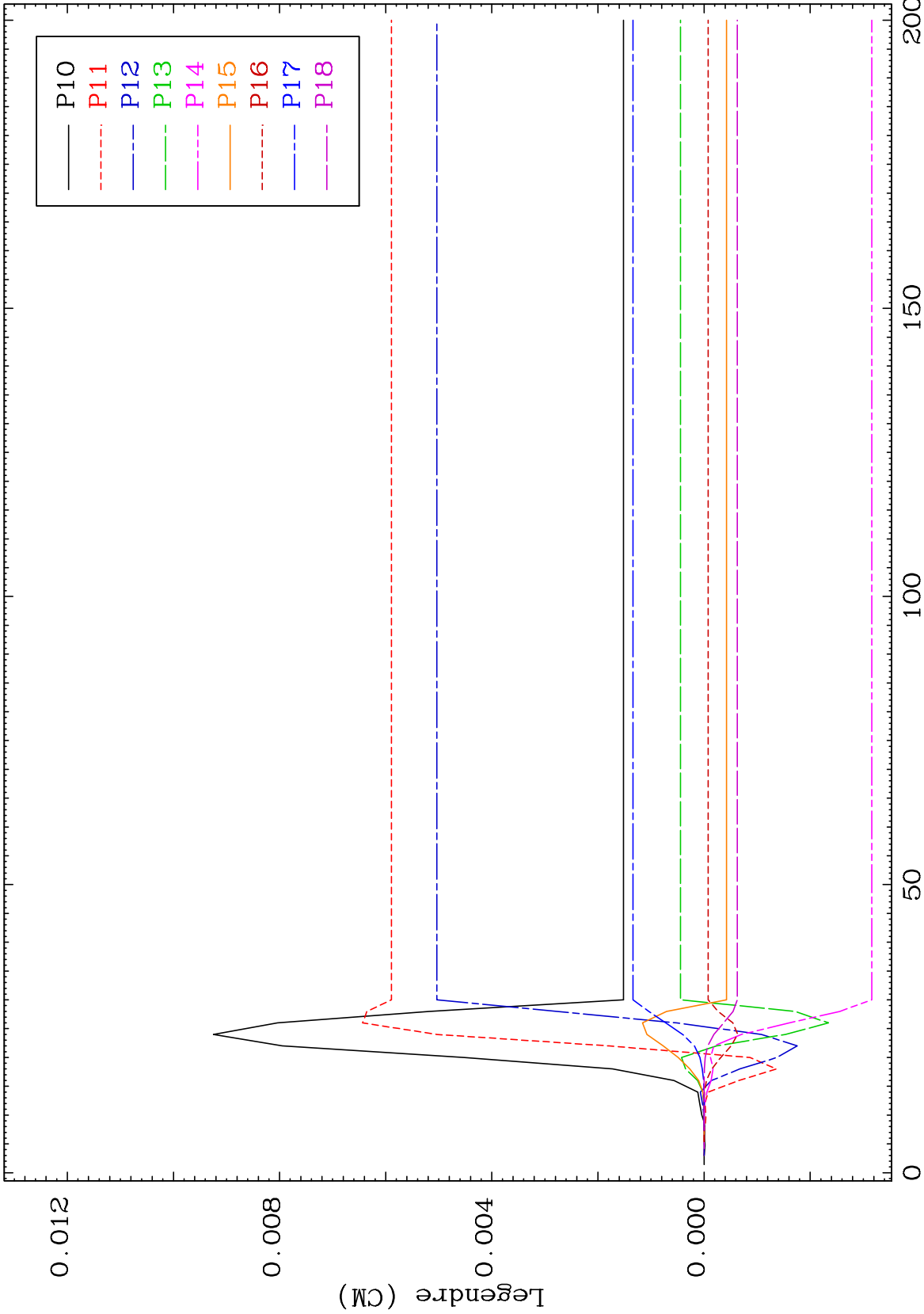
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



98

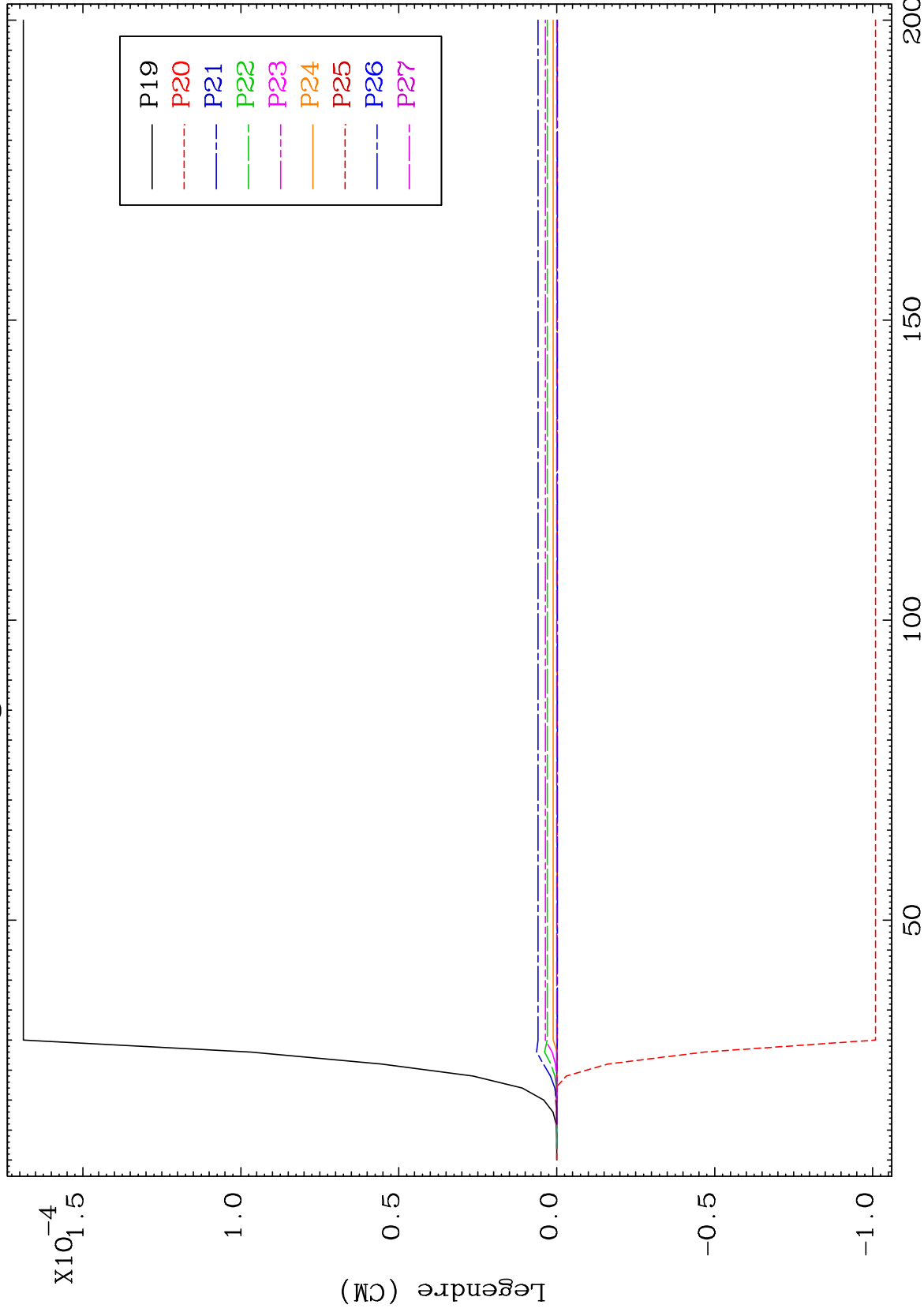
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208

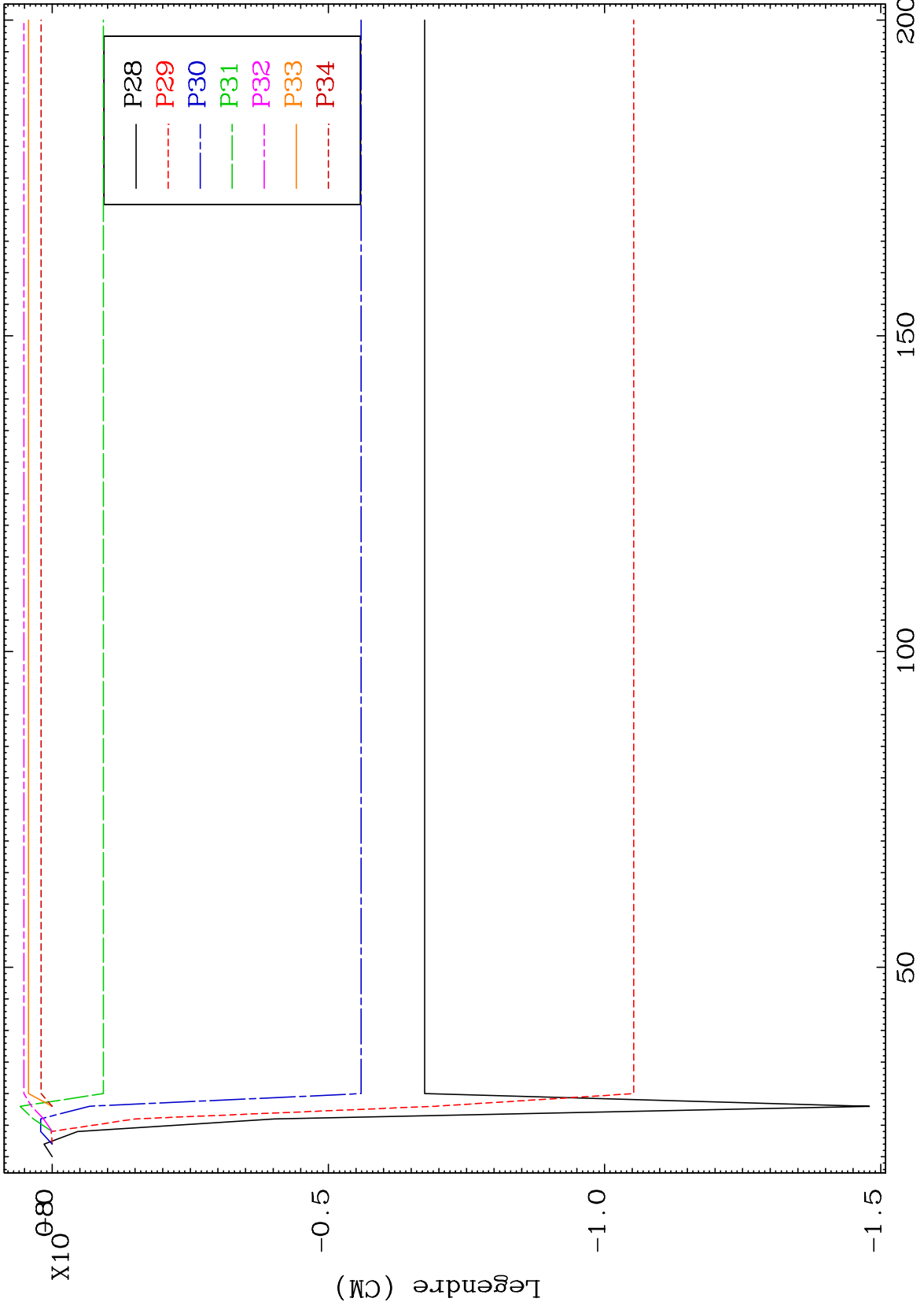


99

Incident Energy (MeV)

85-At-208

MAT 8540 MT= 73 (n,n') Level Legendre Coefficients 85-At-208

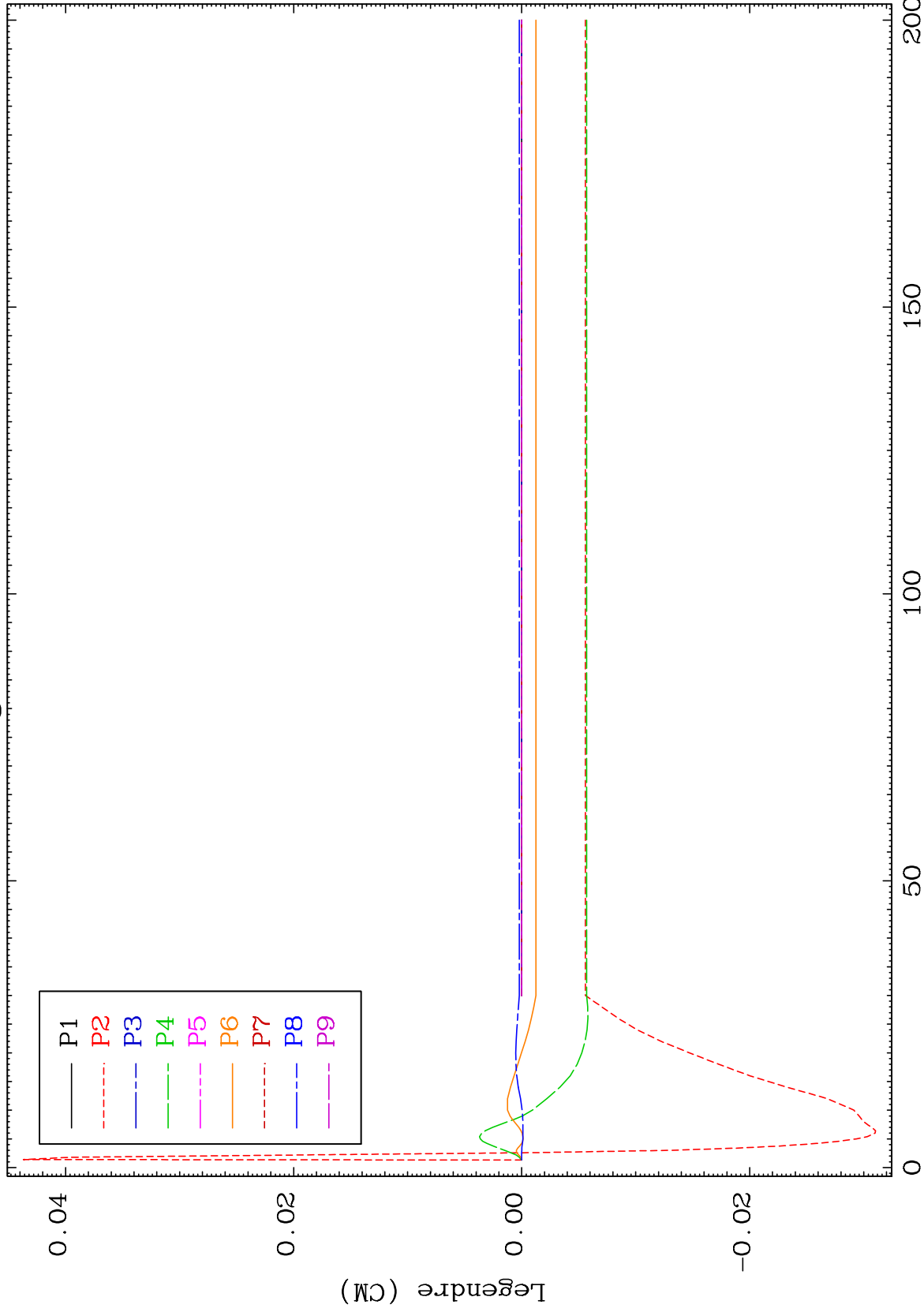


85-At-208

MAT 8540

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

85-At-208



101

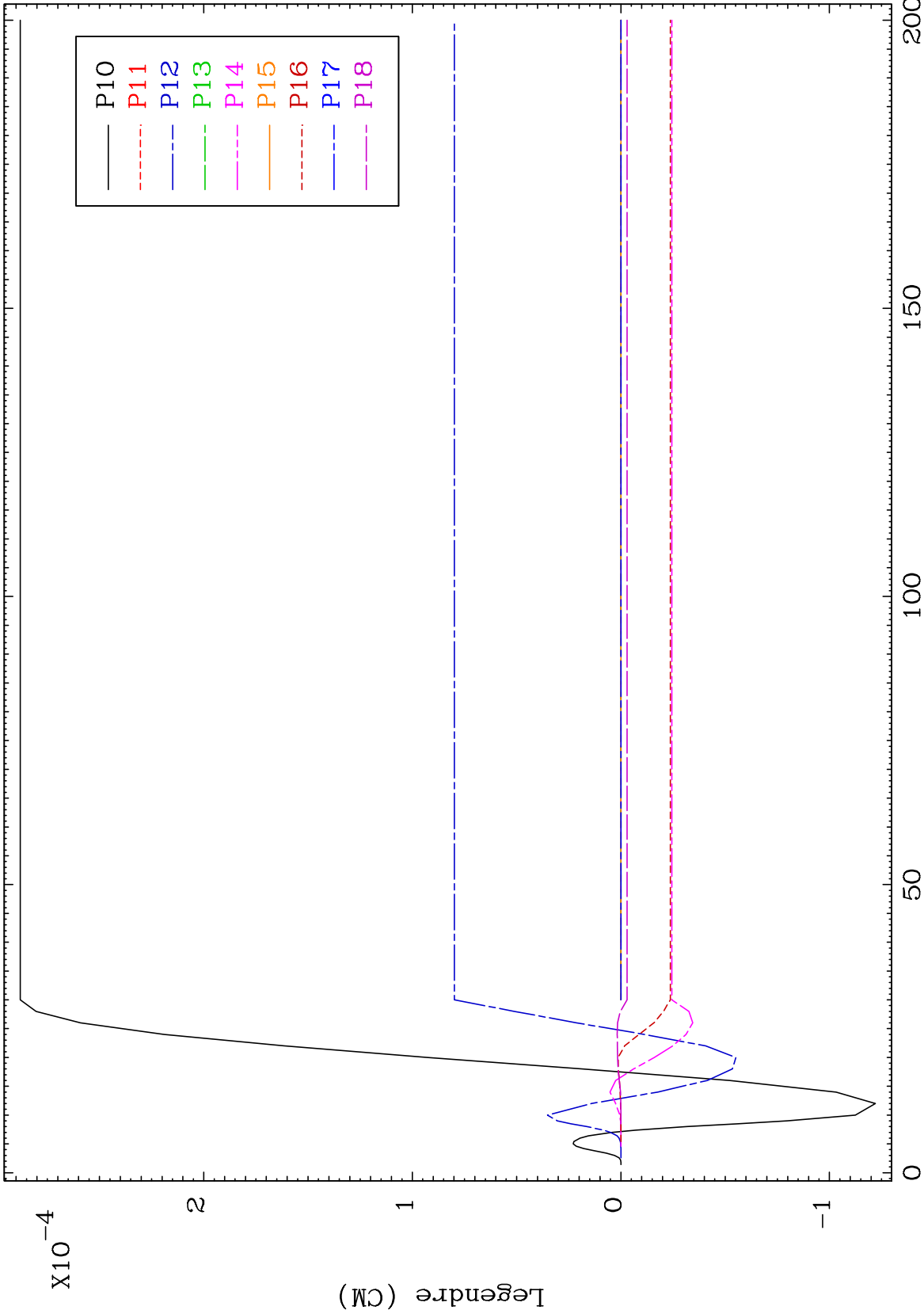
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208

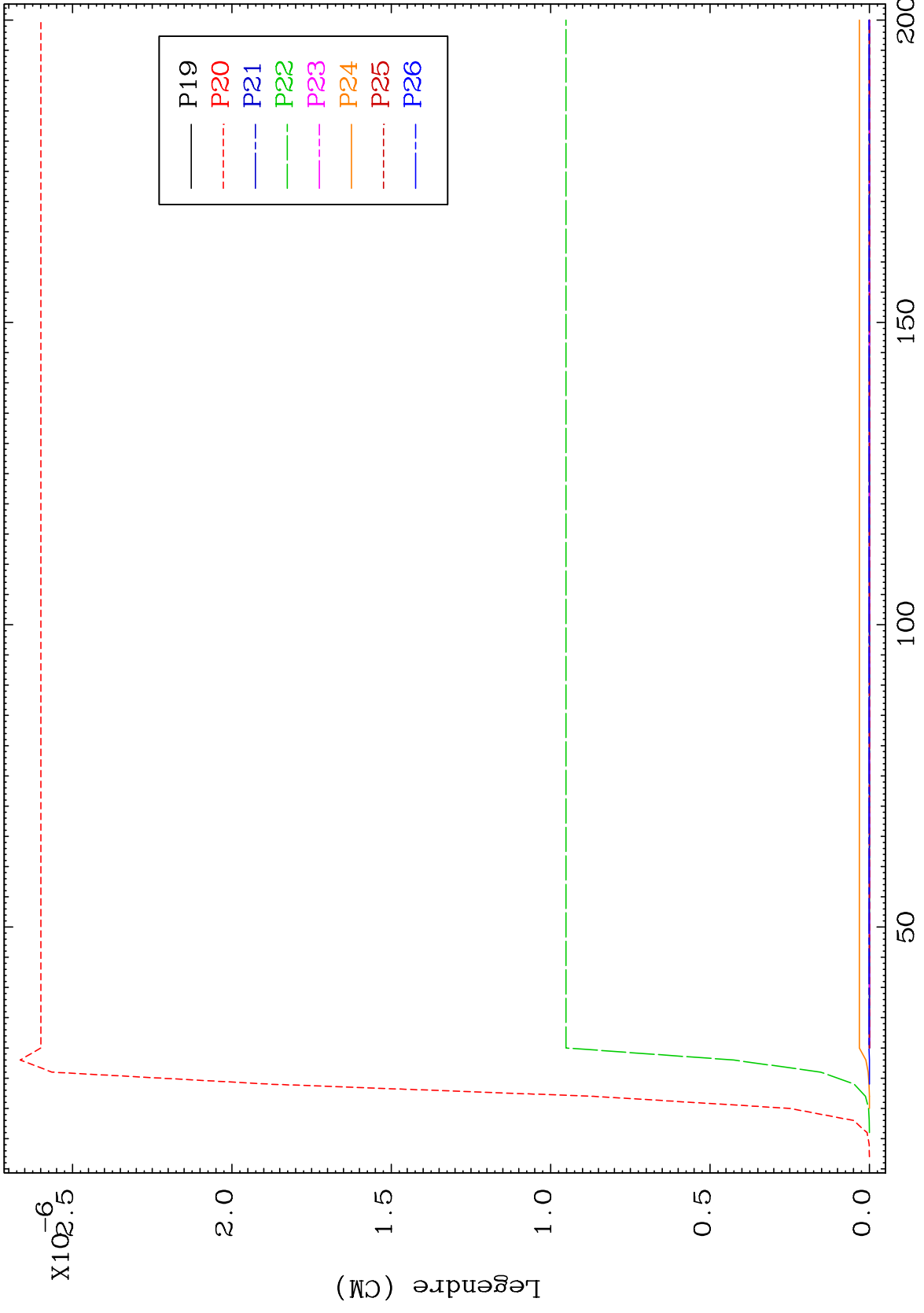


102

Incident Energy (MeV)

85-At-208

MAT 8540 MT= 74 (n,n') Level Legendre Coefficients 85-At-208



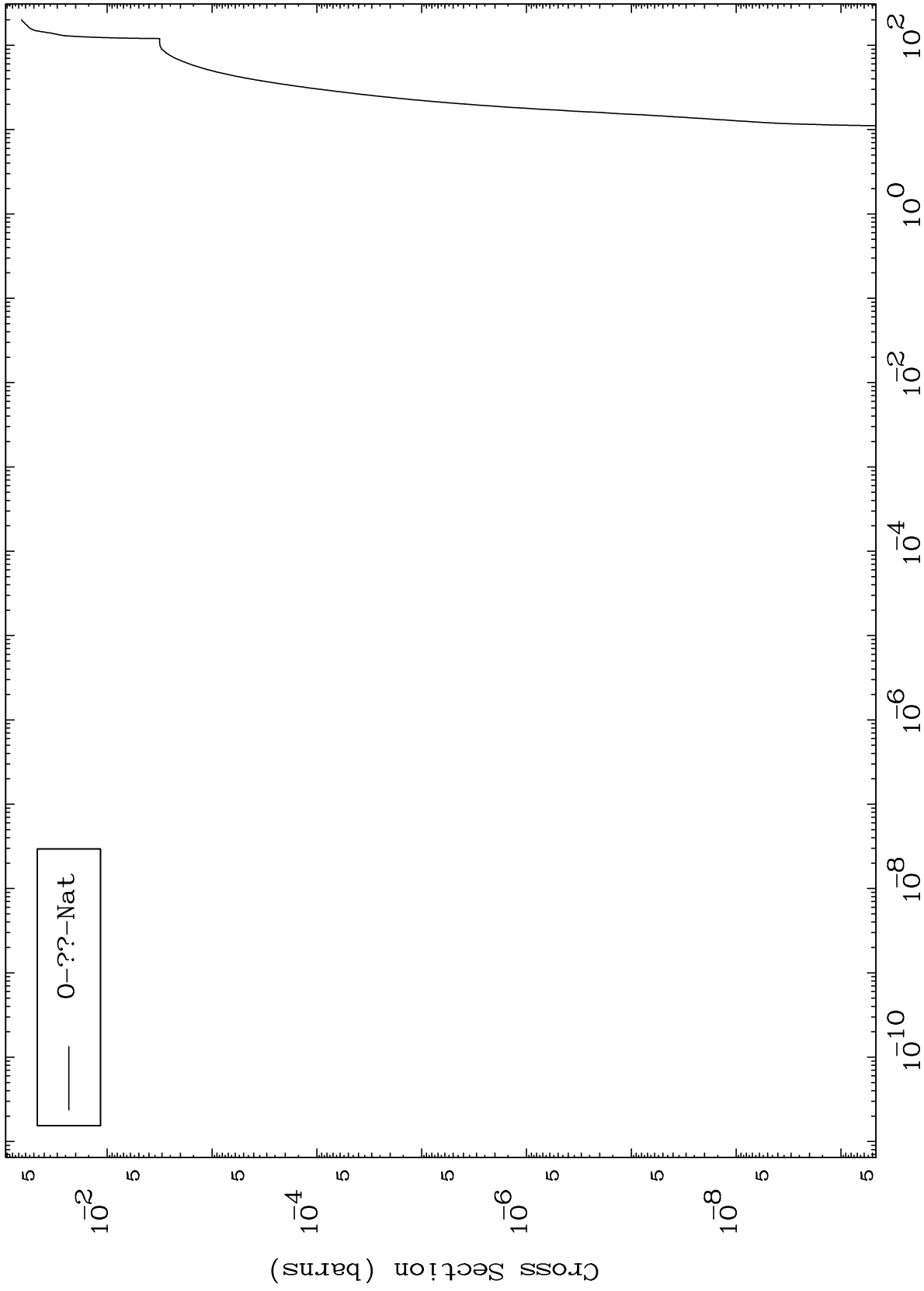
103 Incident Energy (MeV) 85-At-208

MAT 8540

Fission

85-At-208

Radionuclide Production Cross Section



104

Incident Energy (MeV)

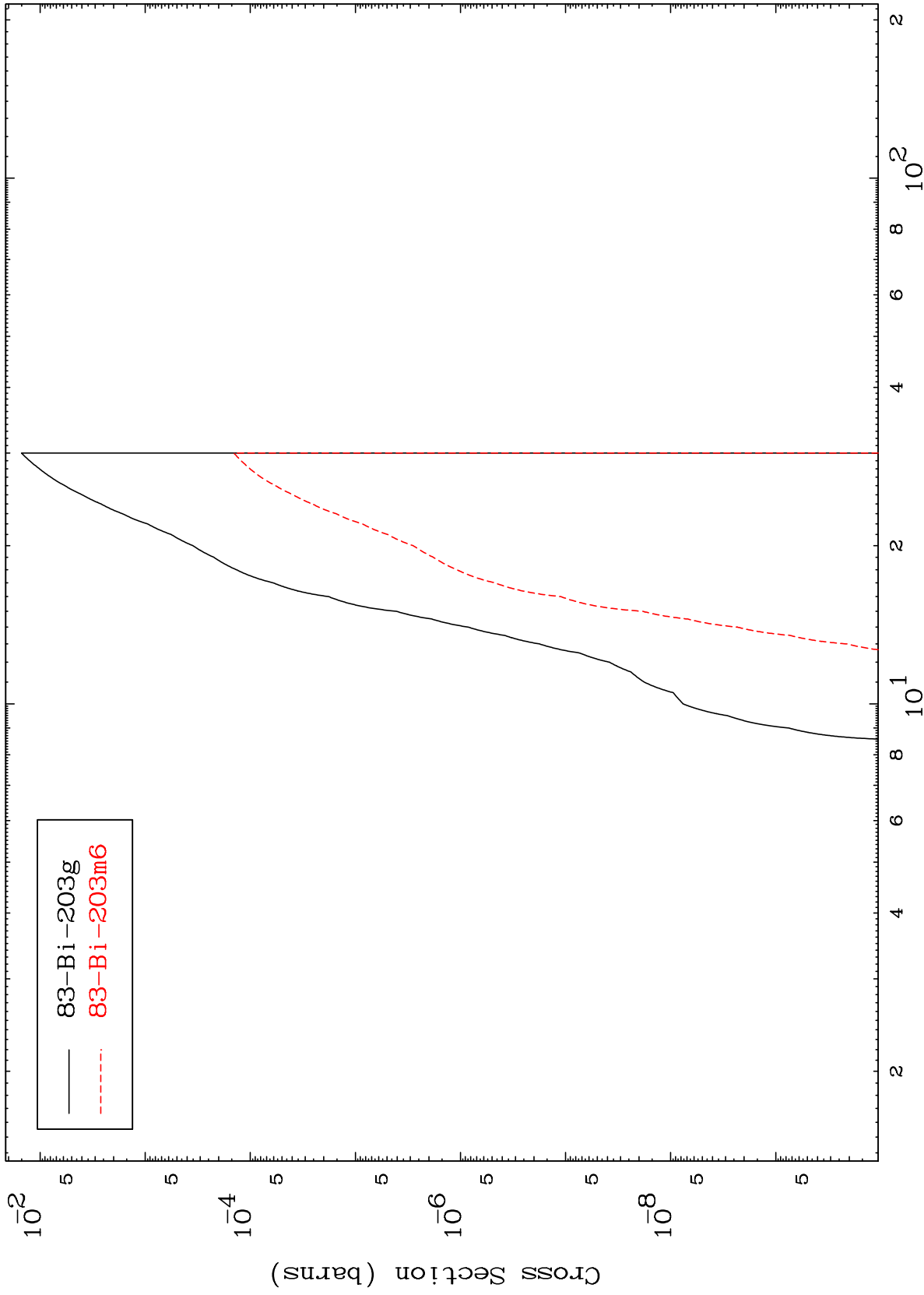
85-At-208

MAT 8540

(n,2n) α

85-At-208

Radionuclide Production Cross Section



105

Incident Energy (MeV)

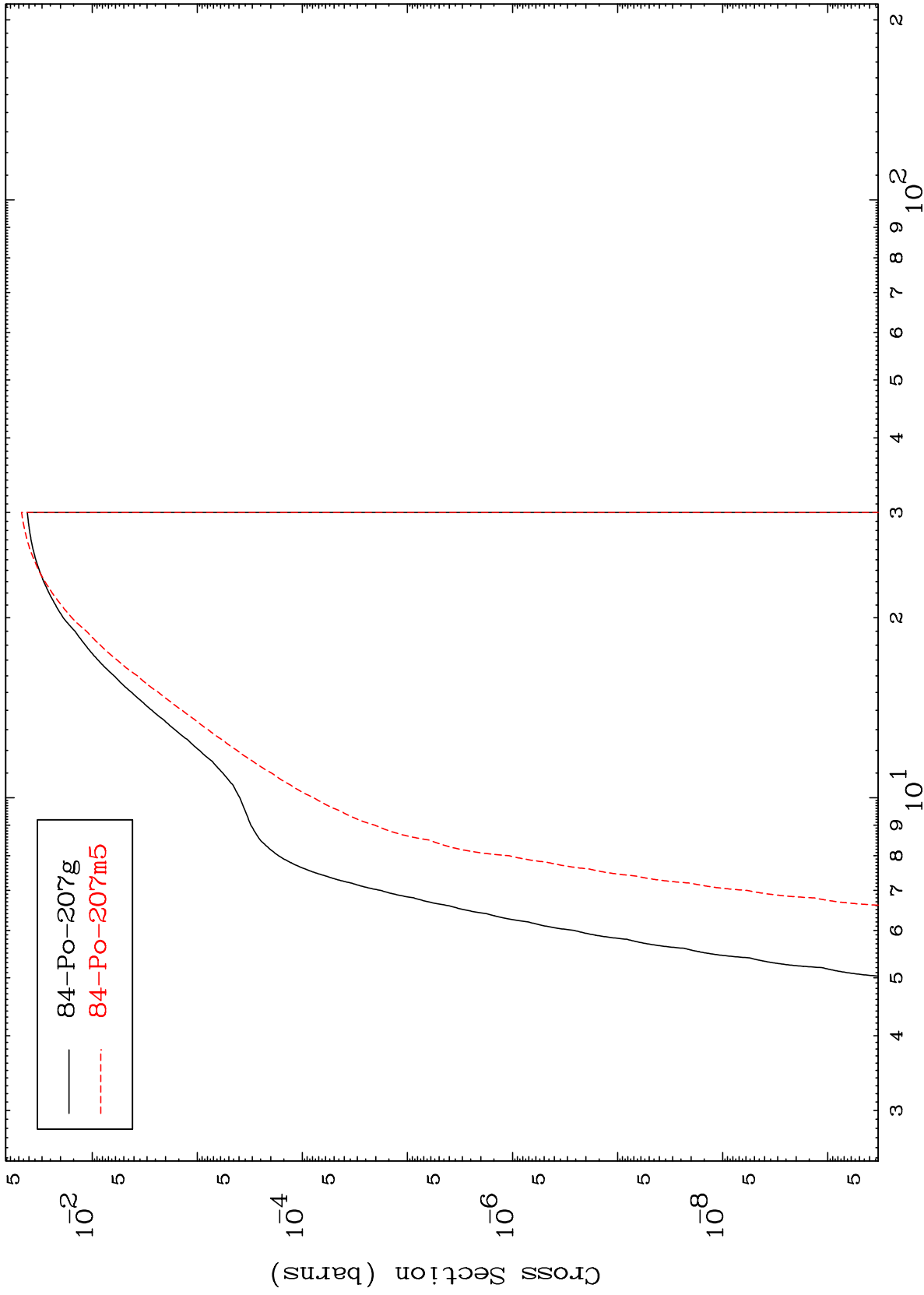
85-At-208

MAT 8540

(n,n') p

85-At-208

Radionuclide Production Cross Section

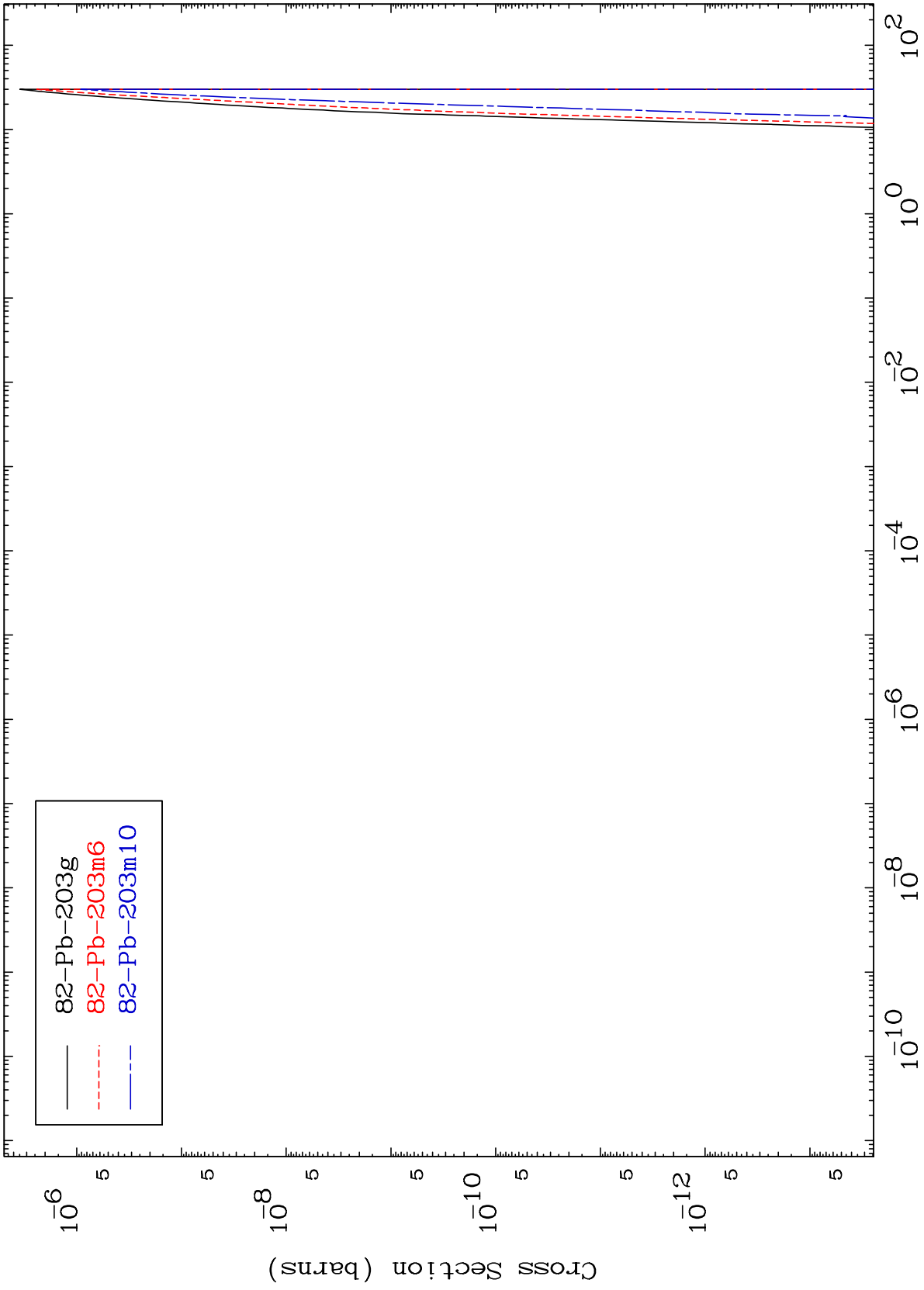


MAT 8540

(n,n') p α

85-At-208

Radionuclide Production Cross Section



107

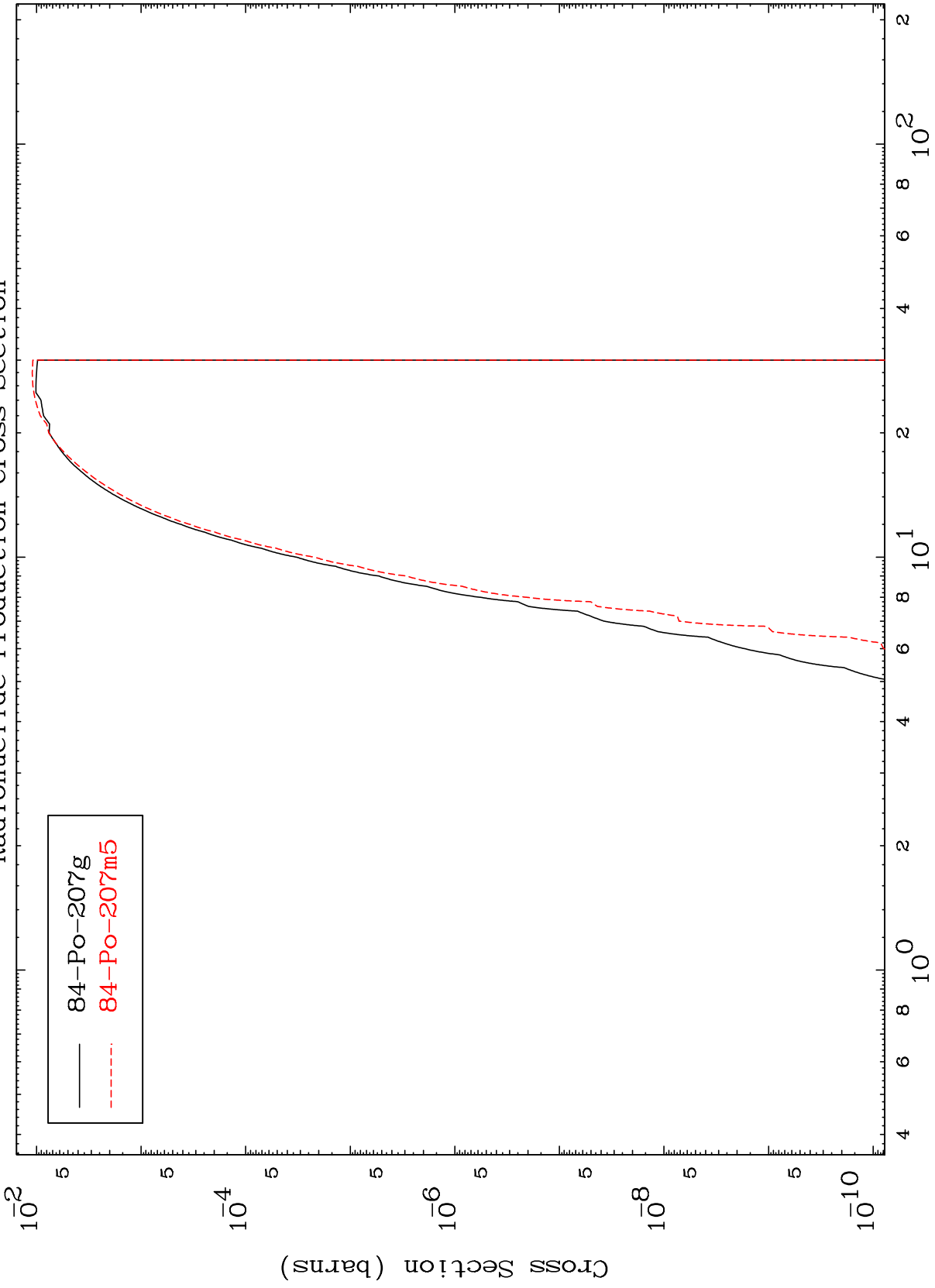
Incident Energy (MeV)

85-At-208

MAT 8540

85-At-208

(n,d)
Radionuclide Production Cross Section



108

Incident Energy (MeV)

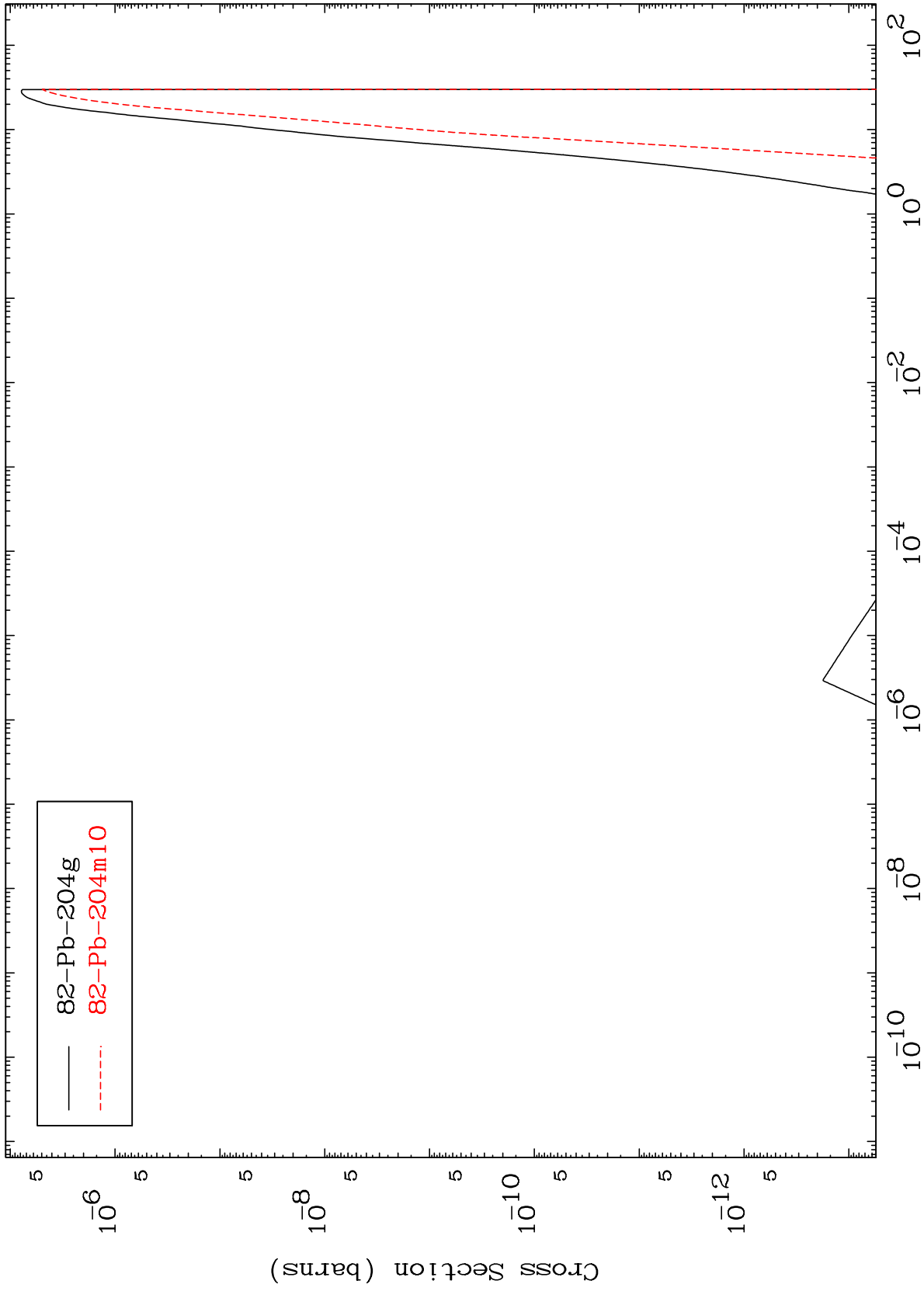
85-At-208

MAT 8540

(n,p) α

85-At-208

Radionuclide Production Cross Section



109

Incident Energy (MeV)

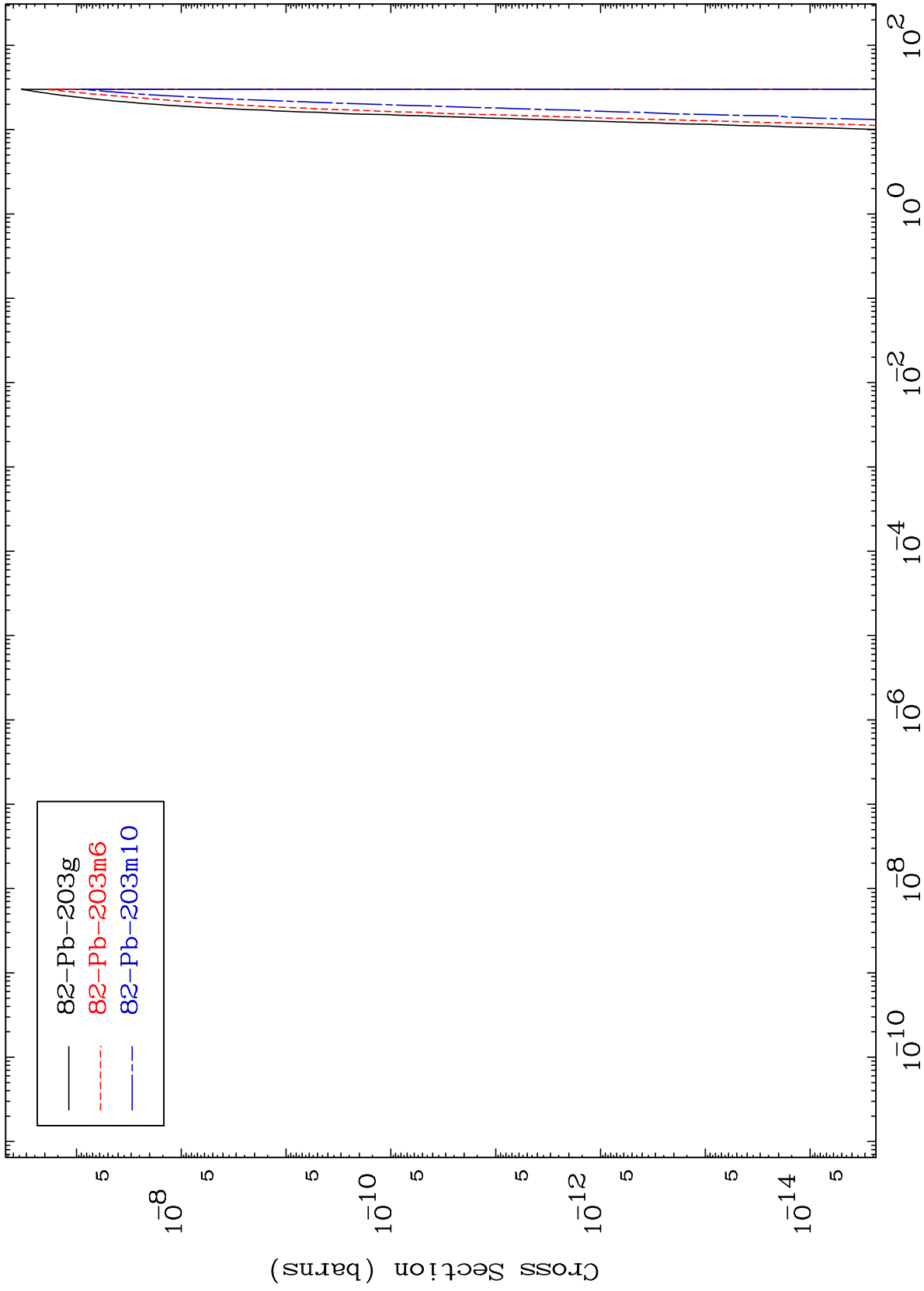
85-At-208

MAT 8540

(n,d) α

85-At-208

Radionuclide Production Cross Section



110

Incident Energy (MeV)

85-At-208