

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

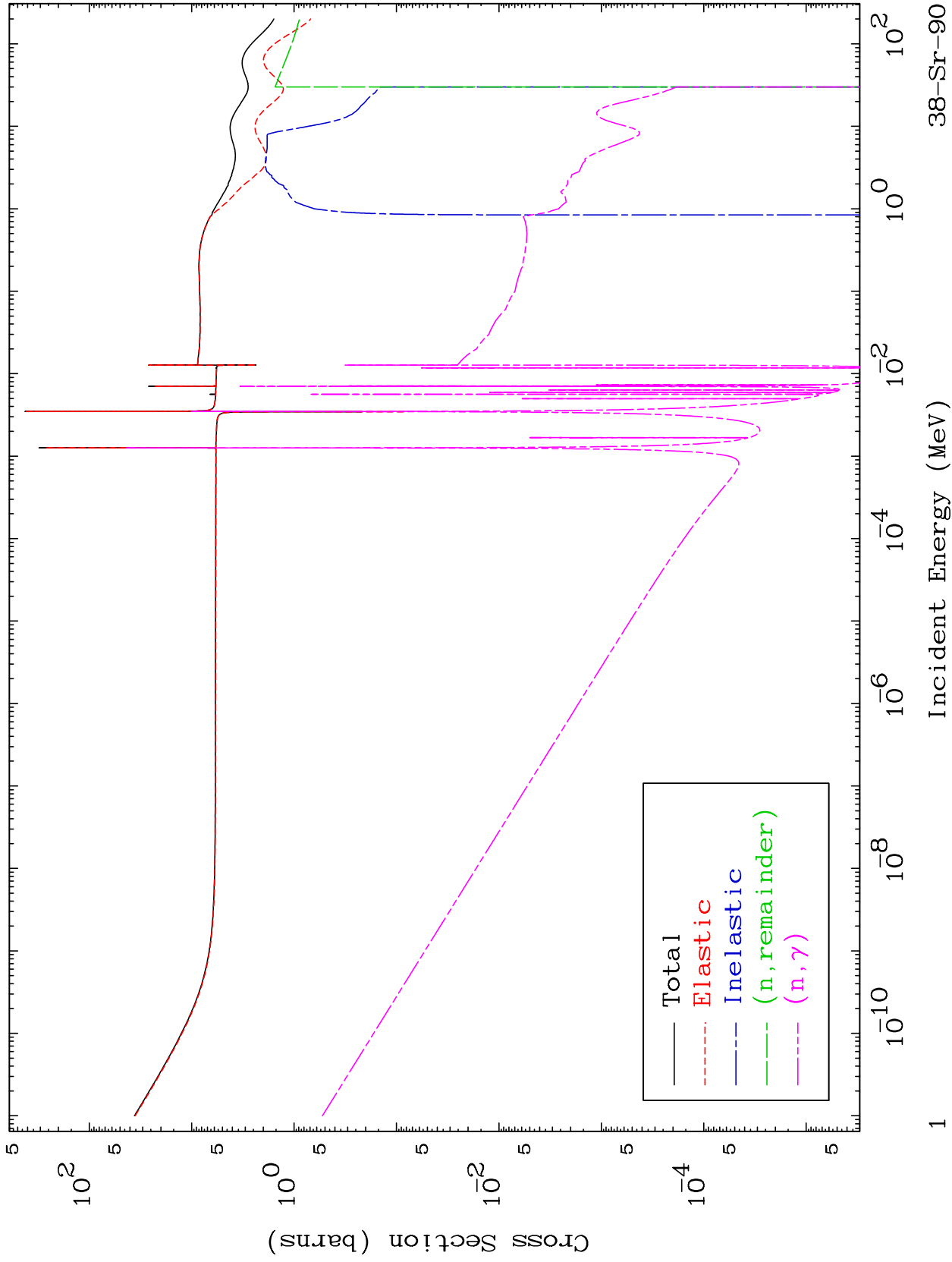
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Press Mouse Button to Start

MAT 3843

Major
293 Kelvin Cross Sections

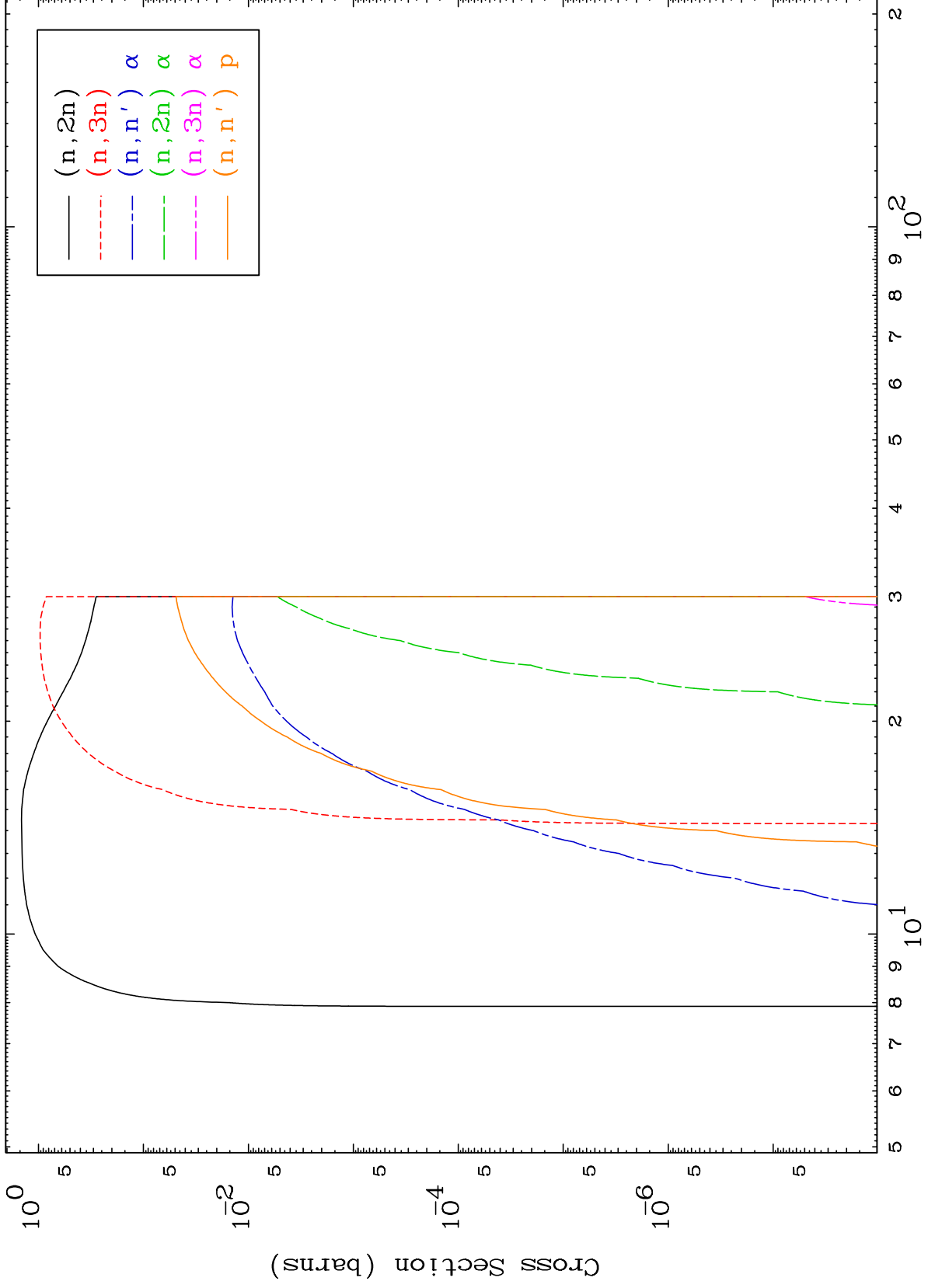
38-Sr-90



MAT 3843

Neutron Production
293 Kelvin Cross Sections

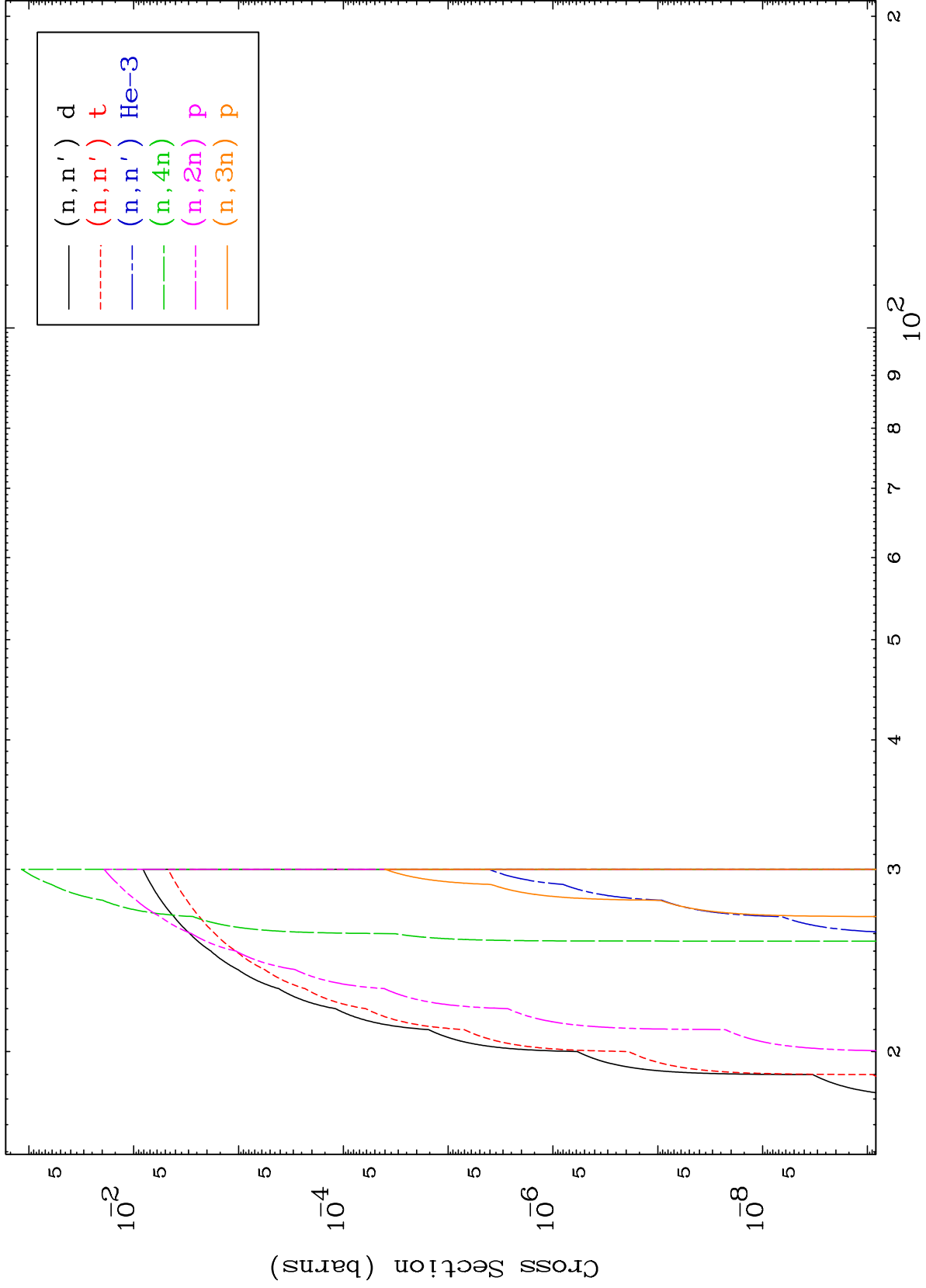
38-Sr-90

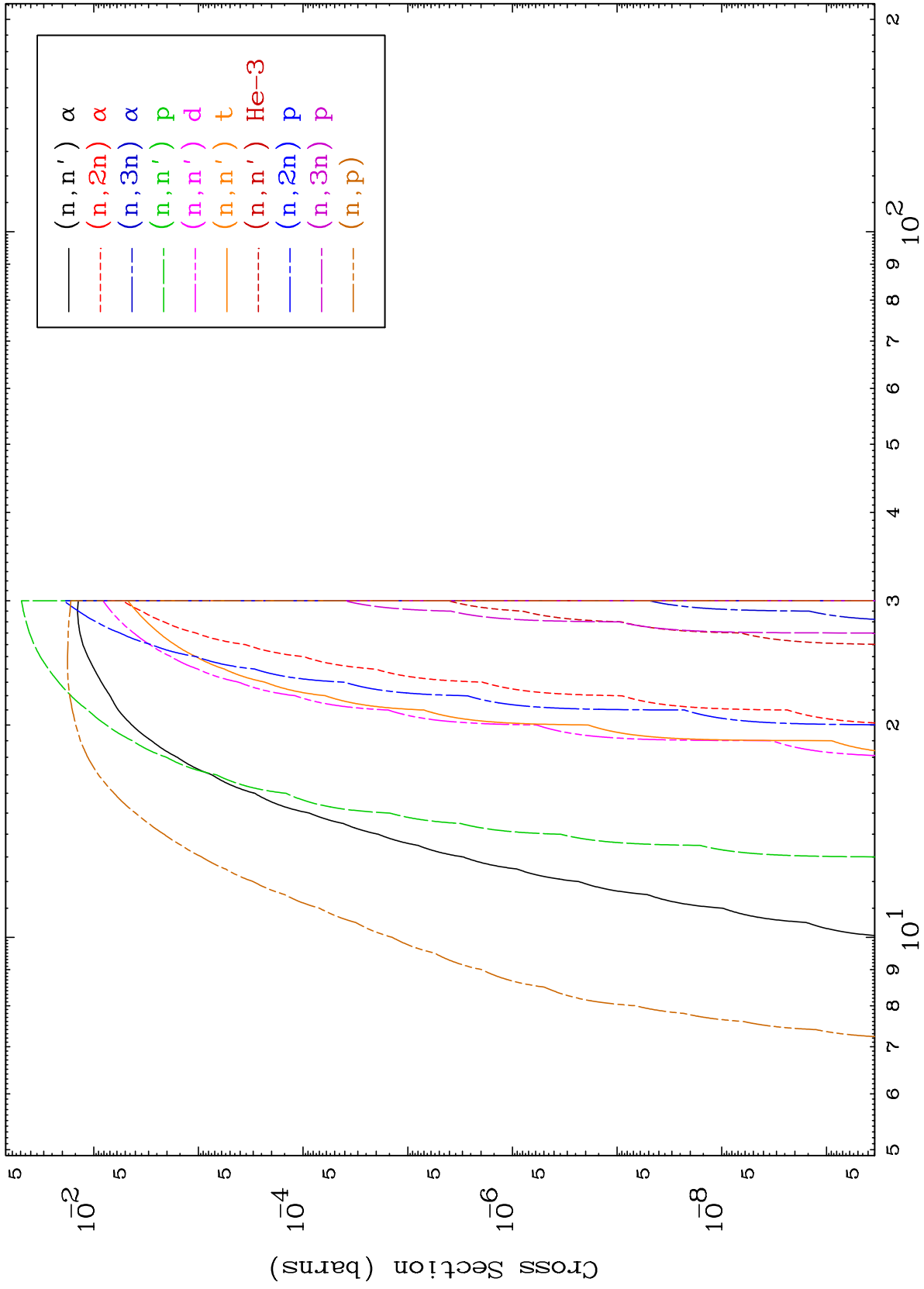


2

Incident Energy (MeV)

38-Sr-90

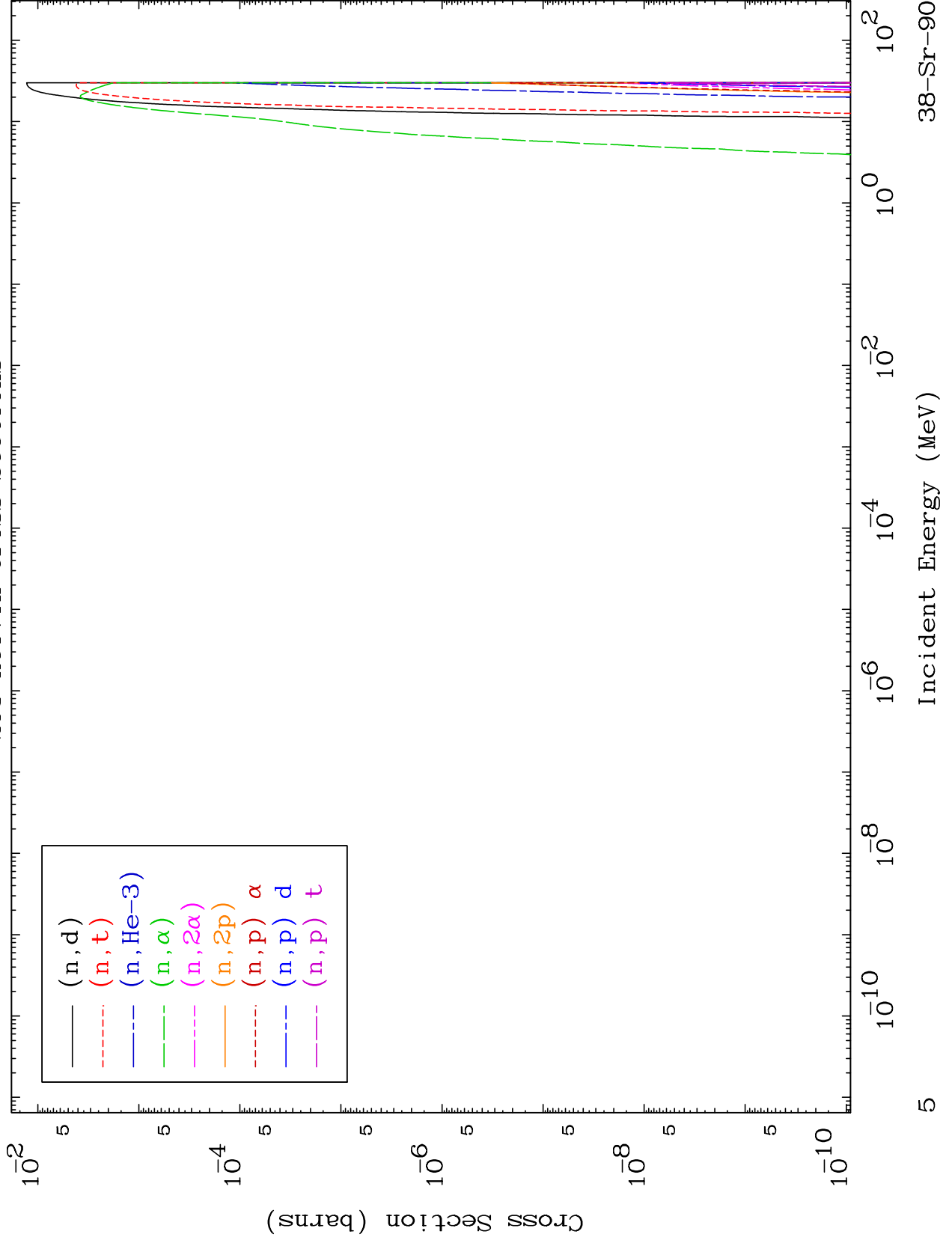




MAT 3843

Charged Particle
293 Kelvin Cross Sections

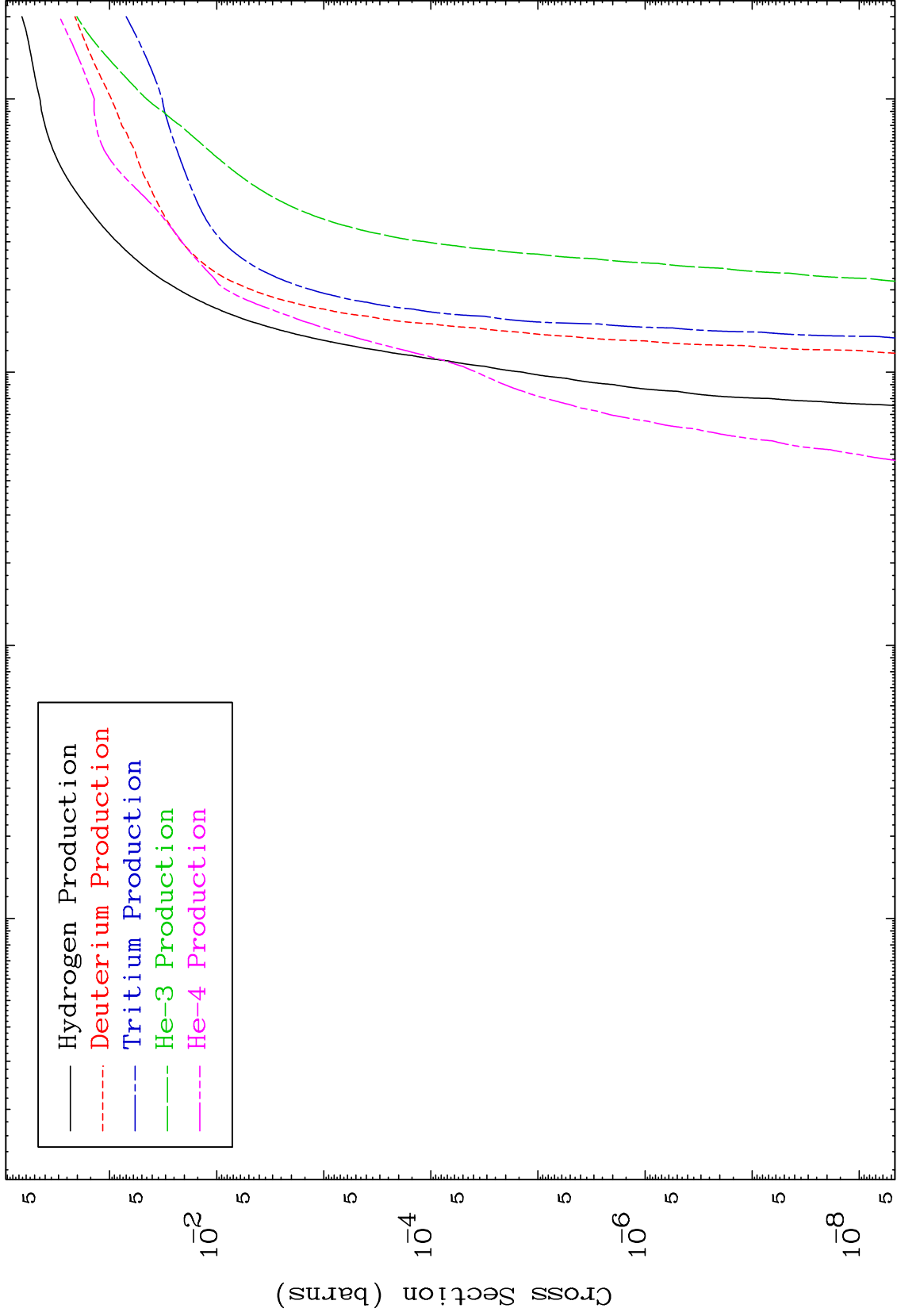
38-Sr-90



MAT 3843

Particle Production
293 Kelvin Cross Sections

38-Sr-90



6

Incident Energy (MeV)

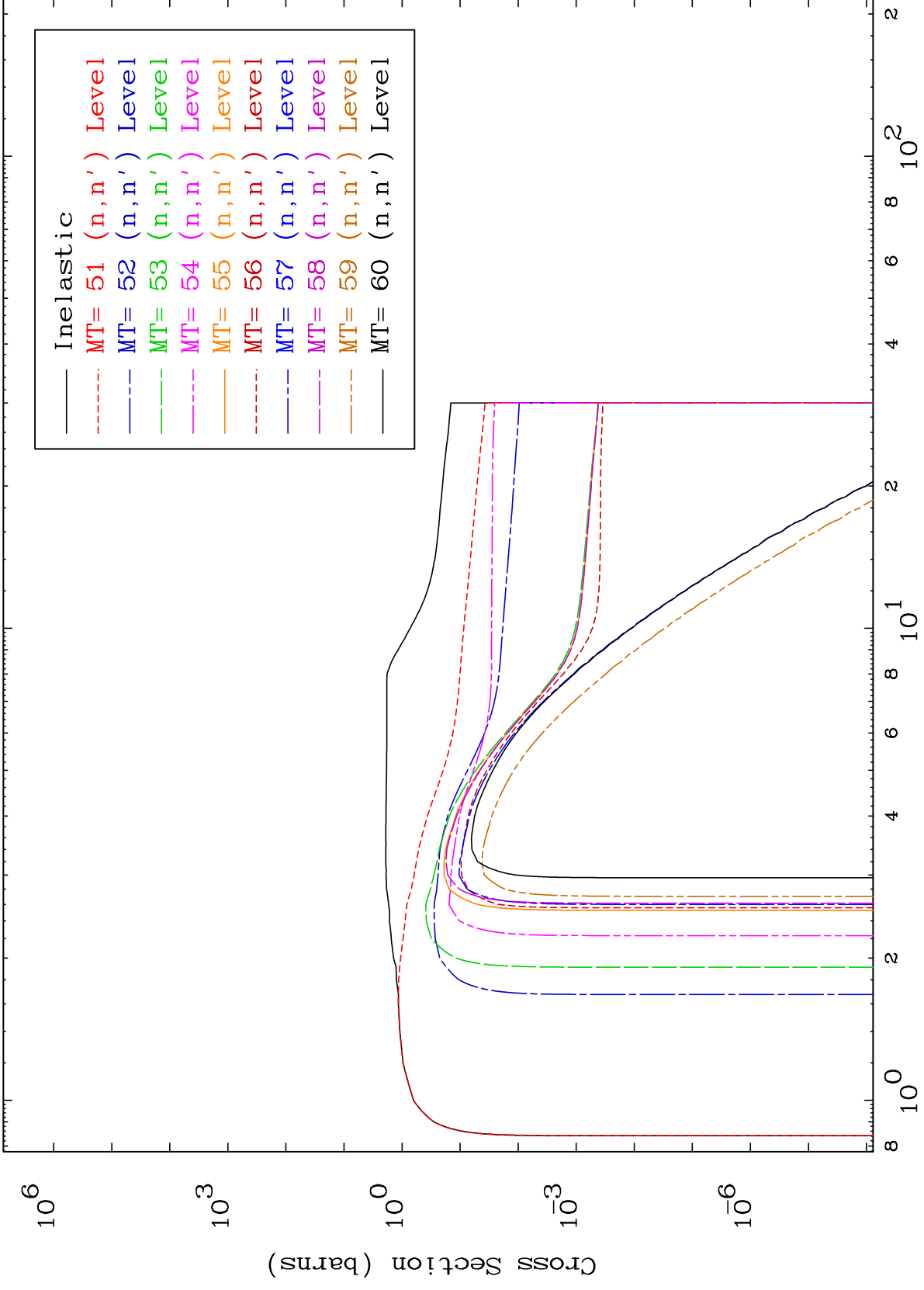
38-Sr-90

MAT 3843

(n,n') Level

38-Sr-90

293 Kelvin Cross Sections



Incident Energy (MeV)

38-Sr-90

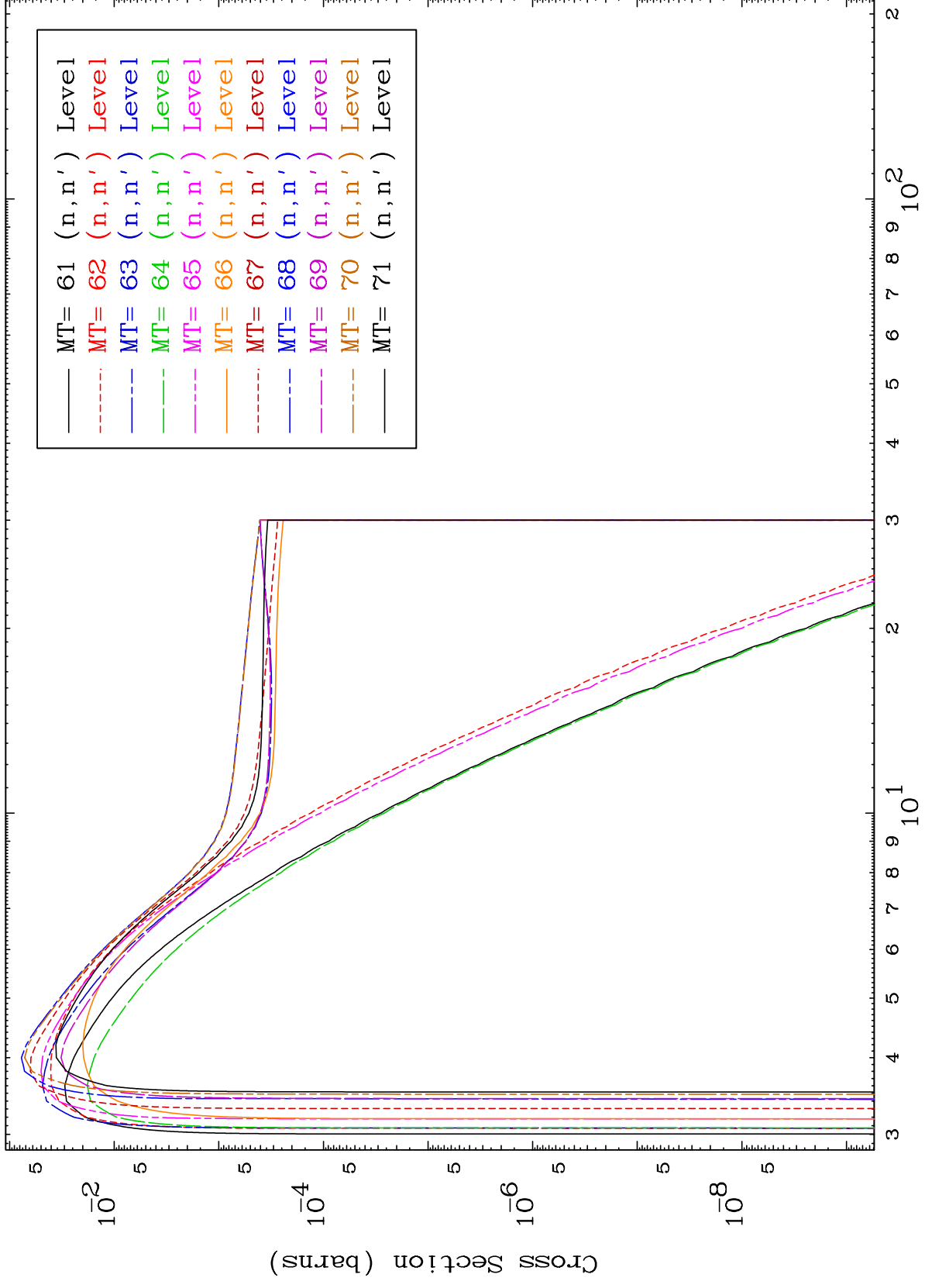
7

MAT 3843

(n,n') Level

38-Sr-90

293 Kelvin Cross Sections

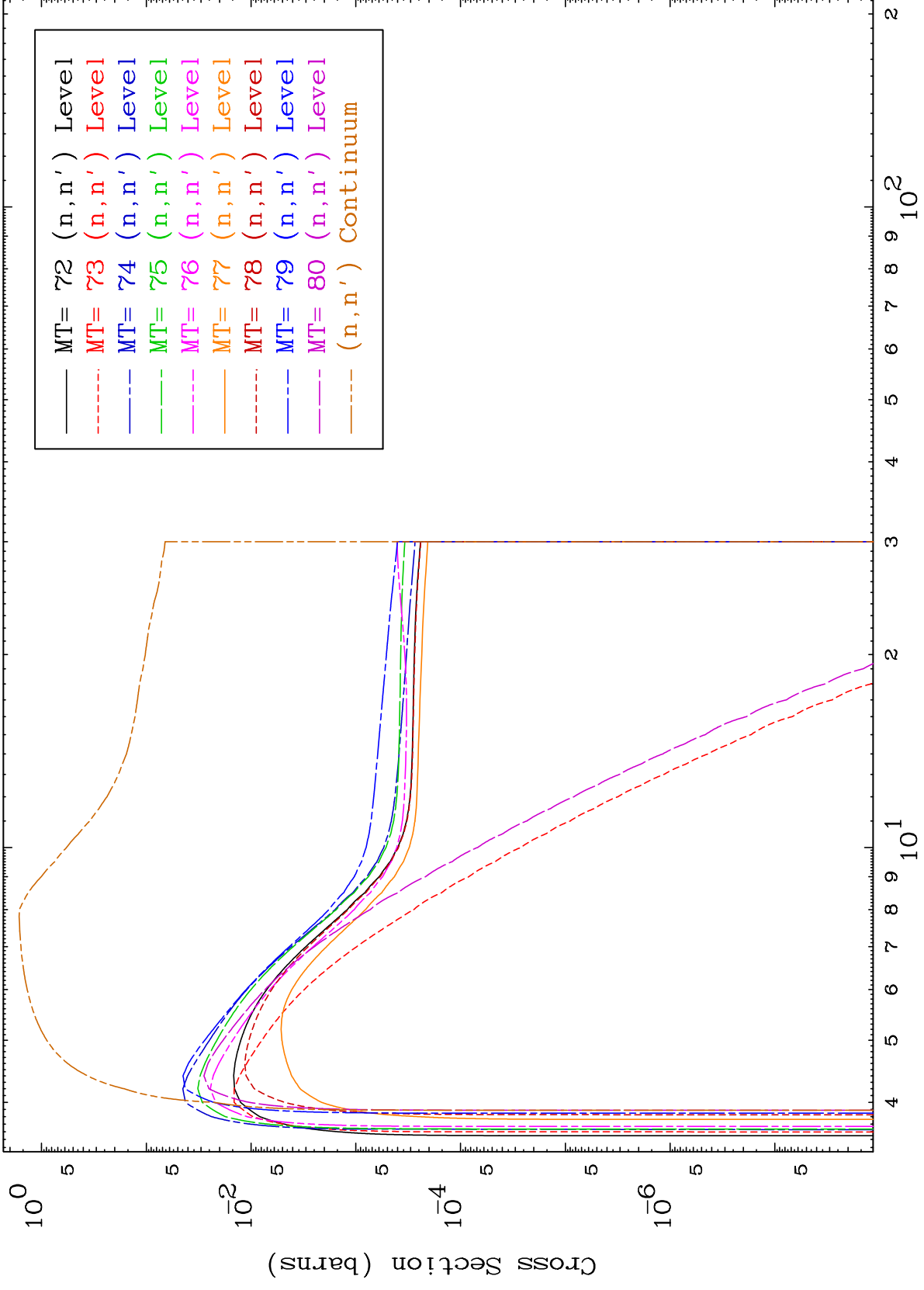


Incident Energy (MeV)

38-Sr-90

8

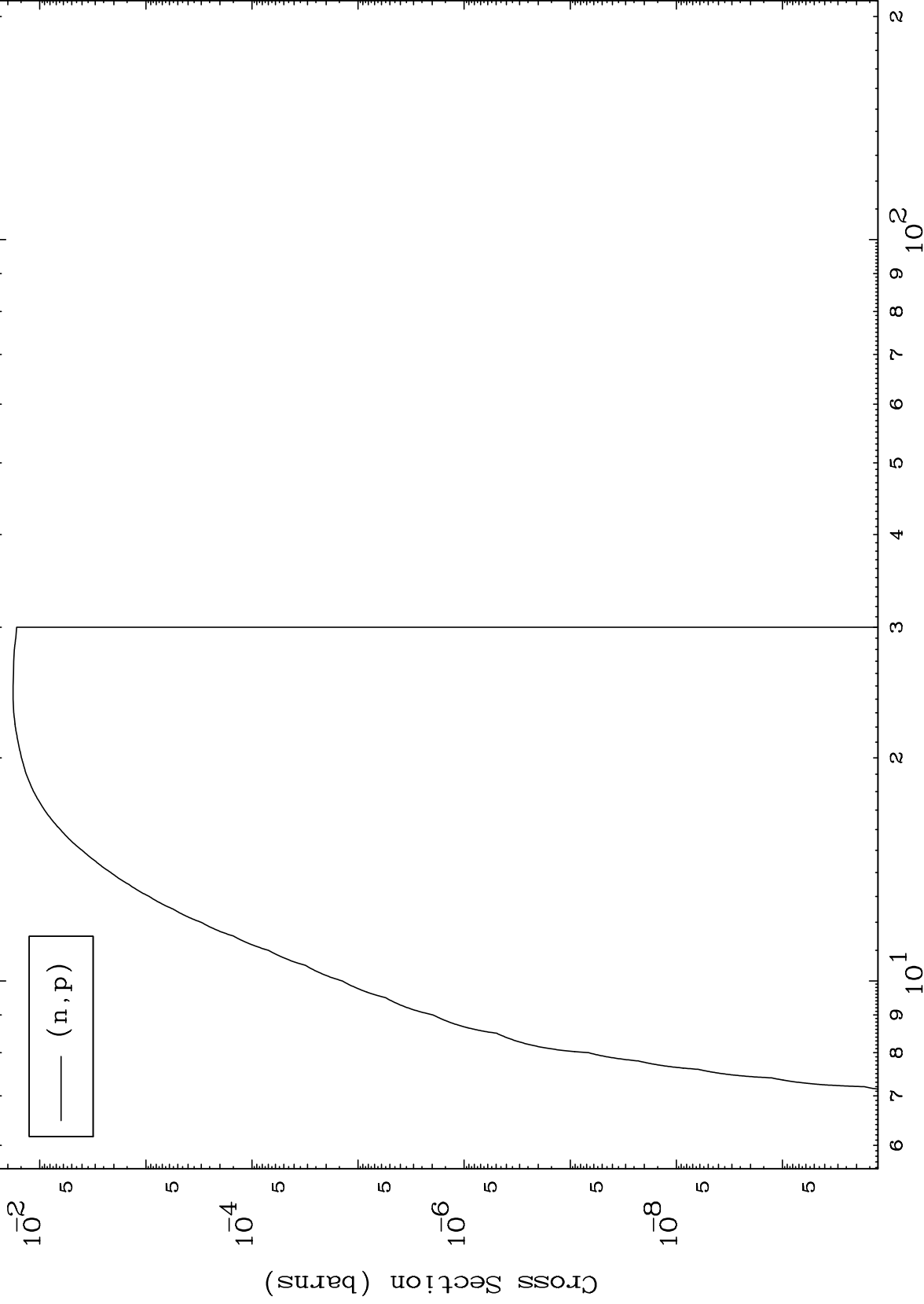
293 Kelvin Cross Sections



MAT 3843

(n,p) Levels
293 Kelvin Cross Sections

38-Sr-90



10

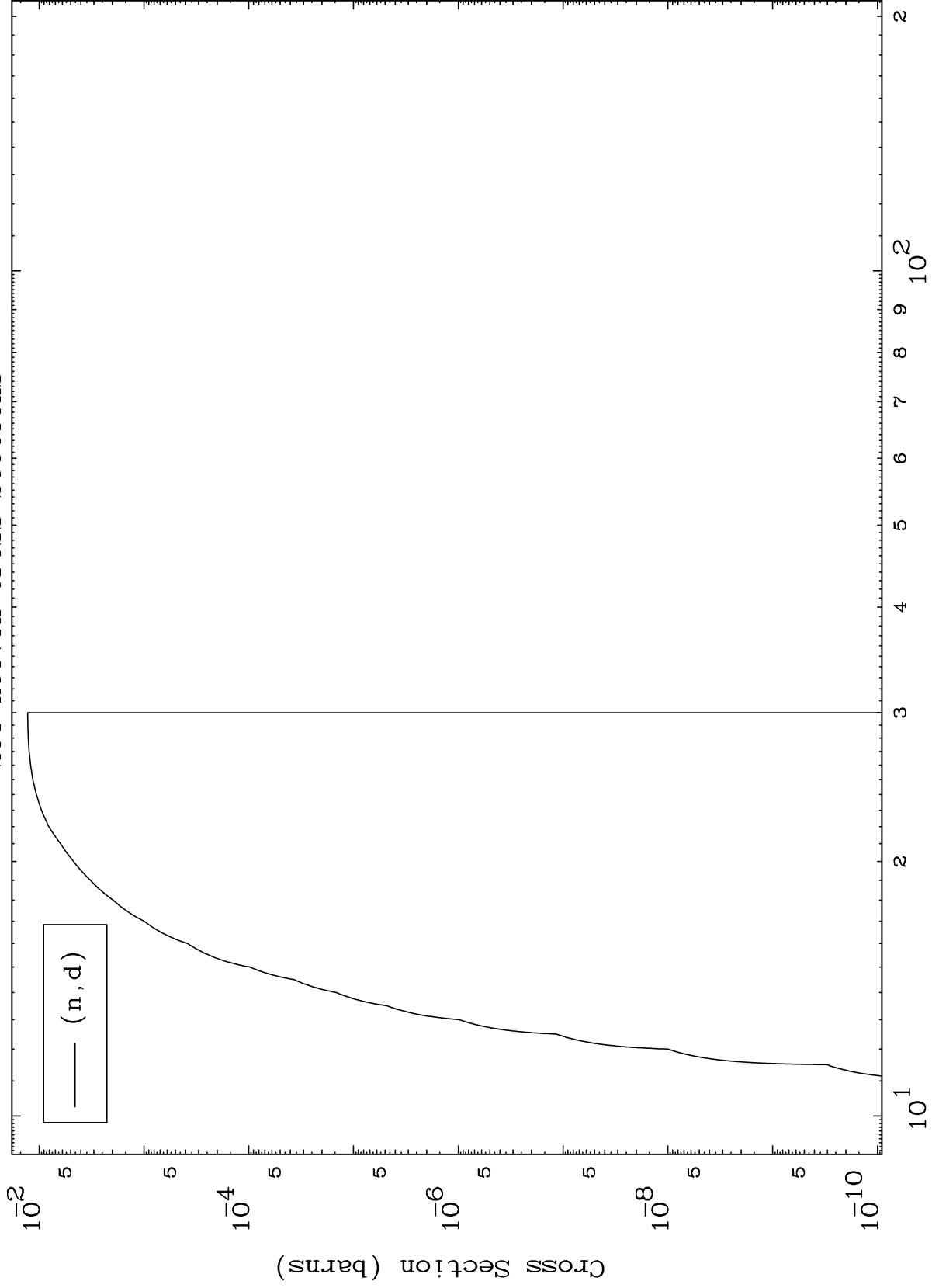
Incident Energy (MeV)

38-Sr-90

MAT 3843

(n,d) Levels
293 Kelvin Cross Sections

38-Sr-90



11

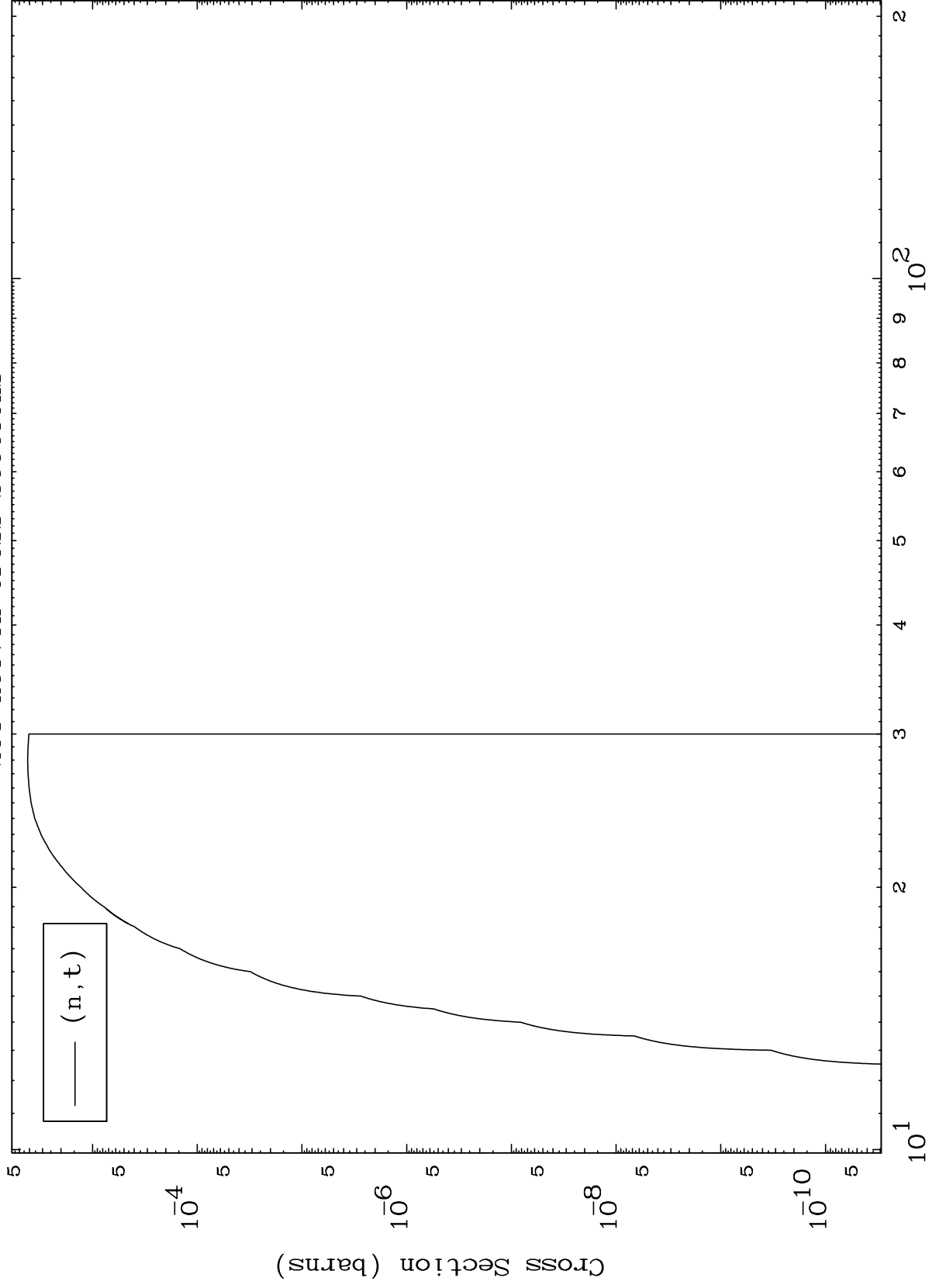
Incident Energy (MeV)

38-Sr-90

MAT 3843

(n,t) Levels
293 Kelvin Cross Sections

38-Sr-90



Incident Energy (MeV)

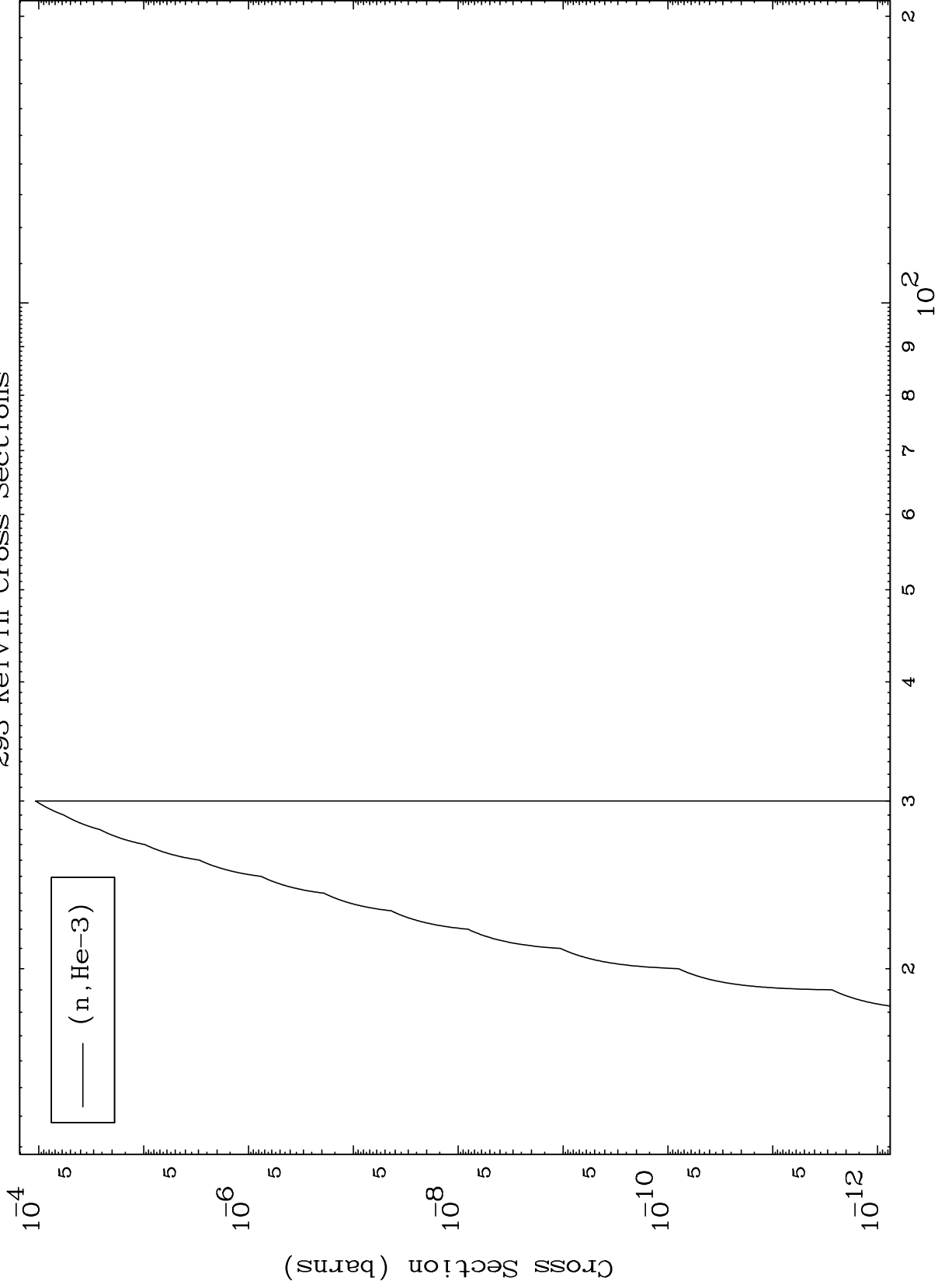
38-Sr-90

12

MAT 3843

(n,He3) Levels
293 Kelvin Cross Sections

38-Sr-90



13

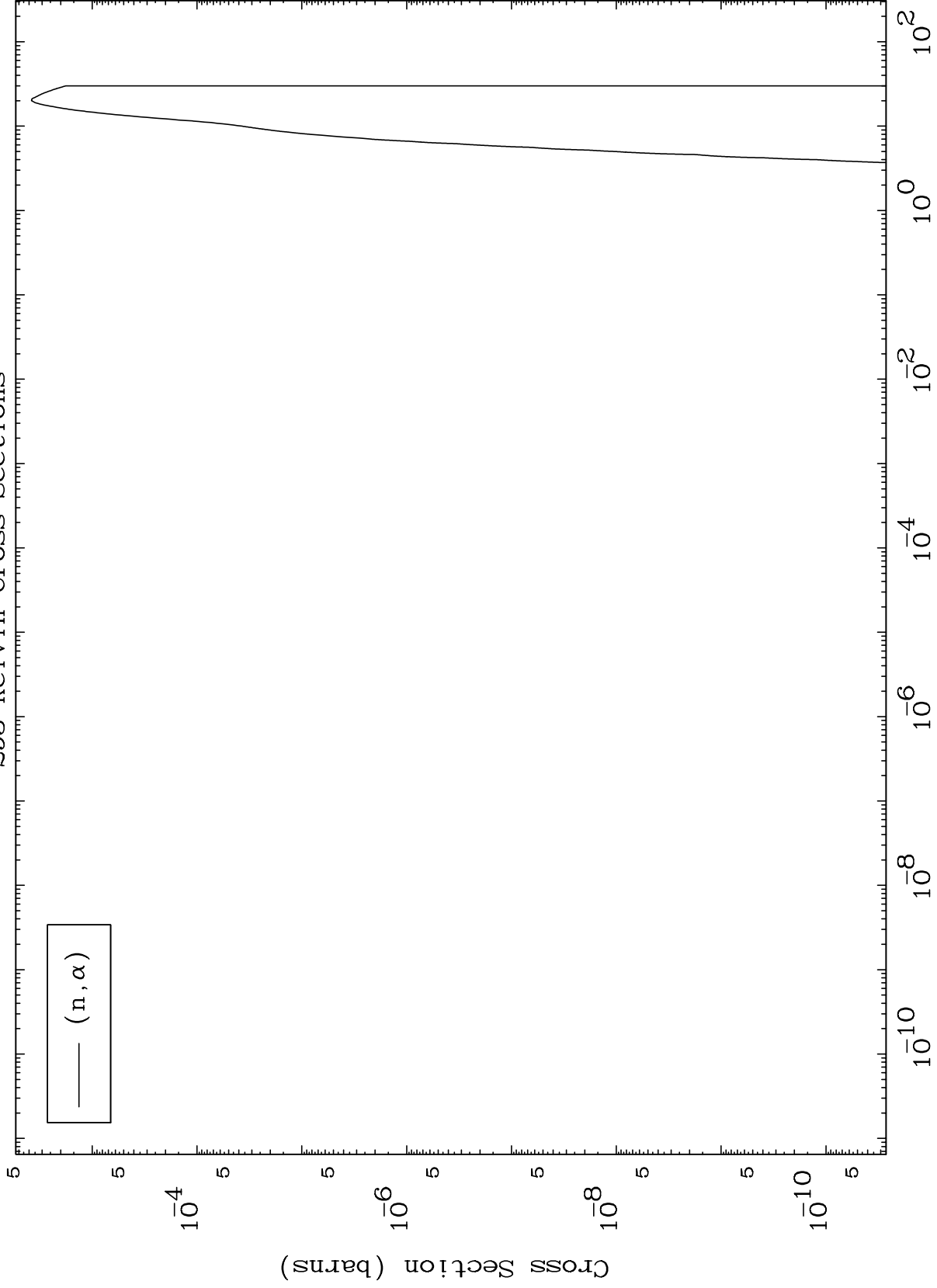
Incident Energy (MeV)

38-Sr-90

MAT 3843

(n, α) Levels
293 Kelvin Cross Sections

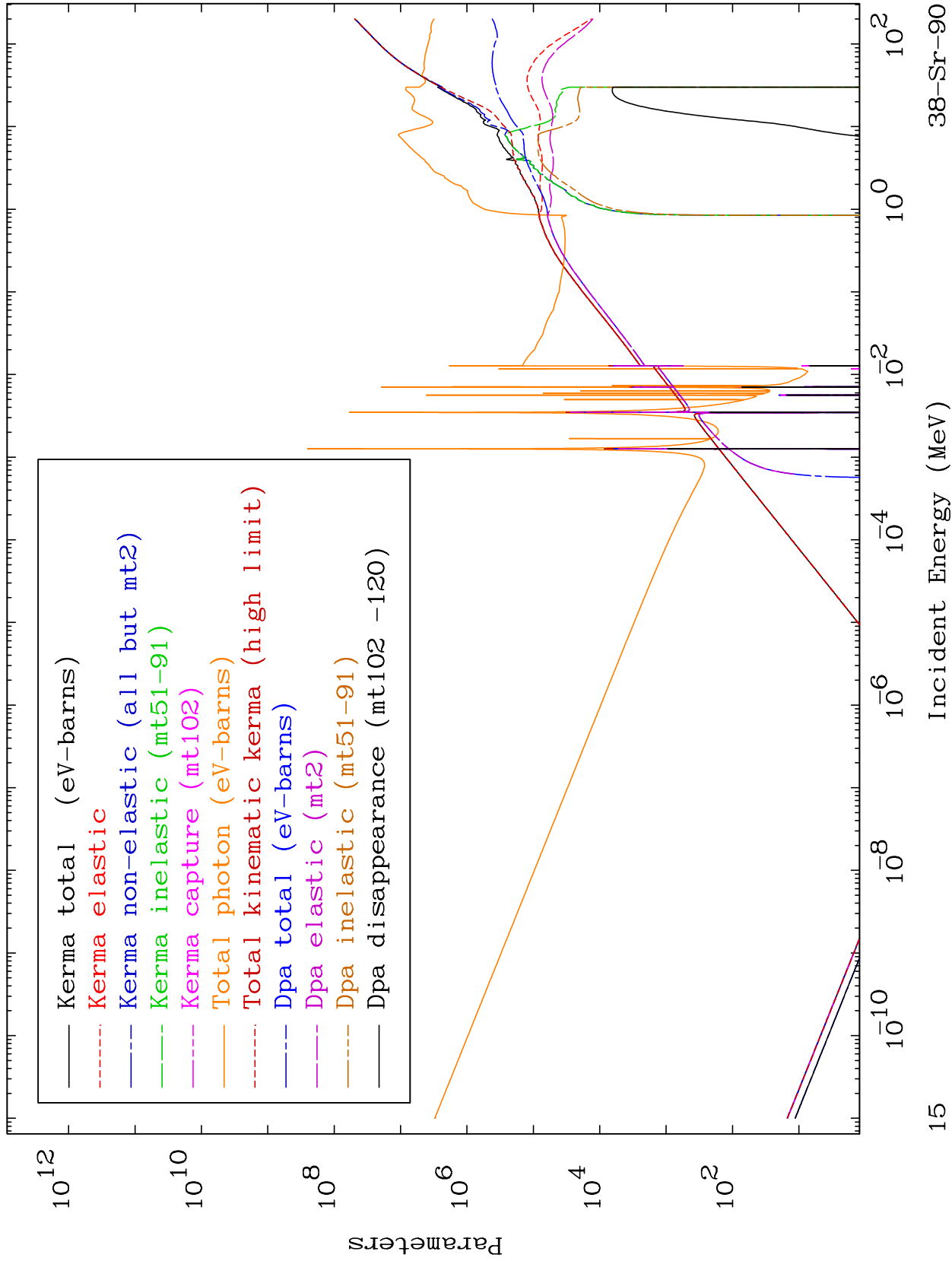
38-Sr-90



14

Incident Energy (MeV)

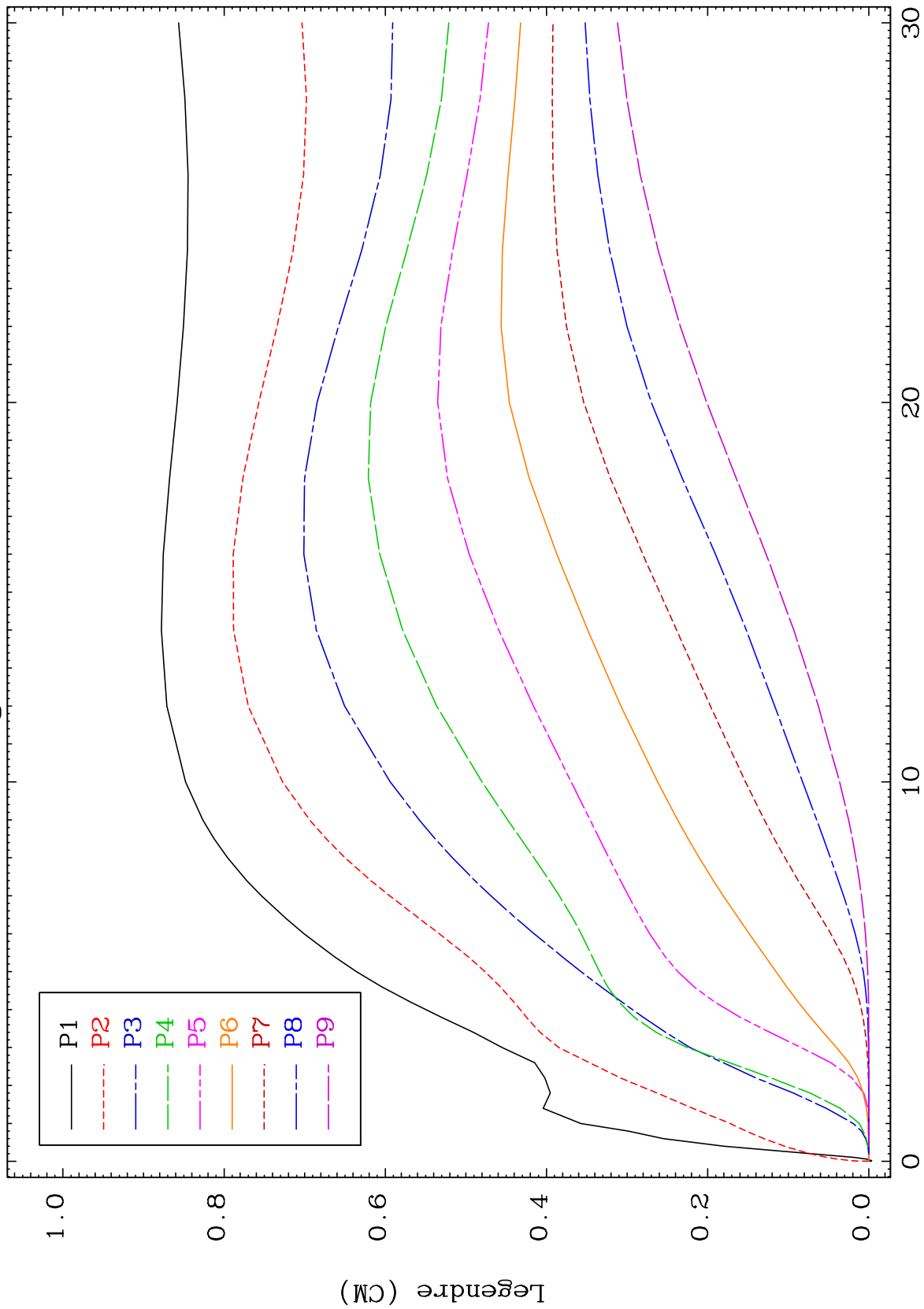
38-Sr-90



MAT 3843

Elastic Legendre Coefficients

38-Sr-90



16

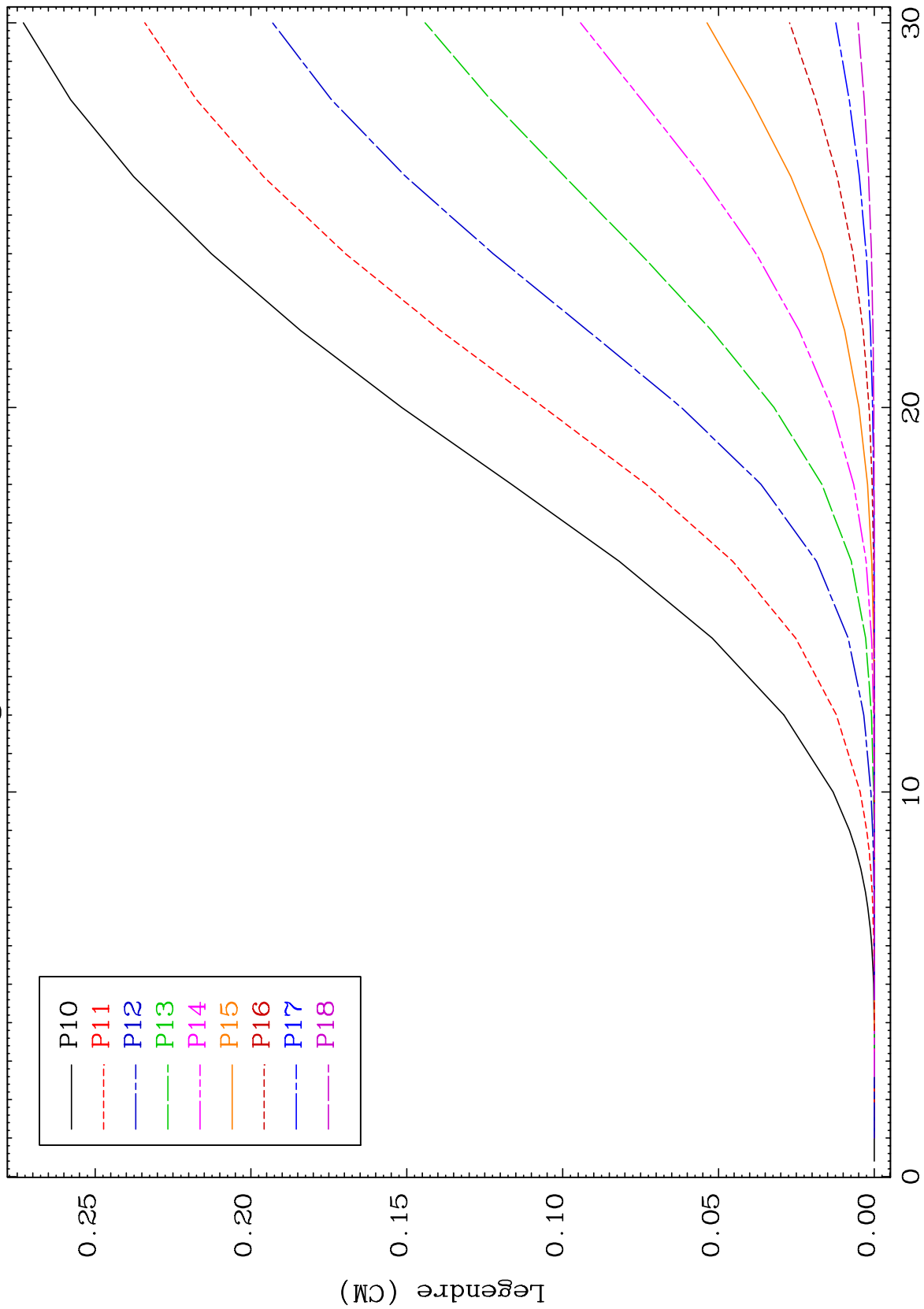
Incident Energy (MeV)

38-Sr-90

MAT 3843

Elastic Legendre Coefficients

38-Sr-90



17

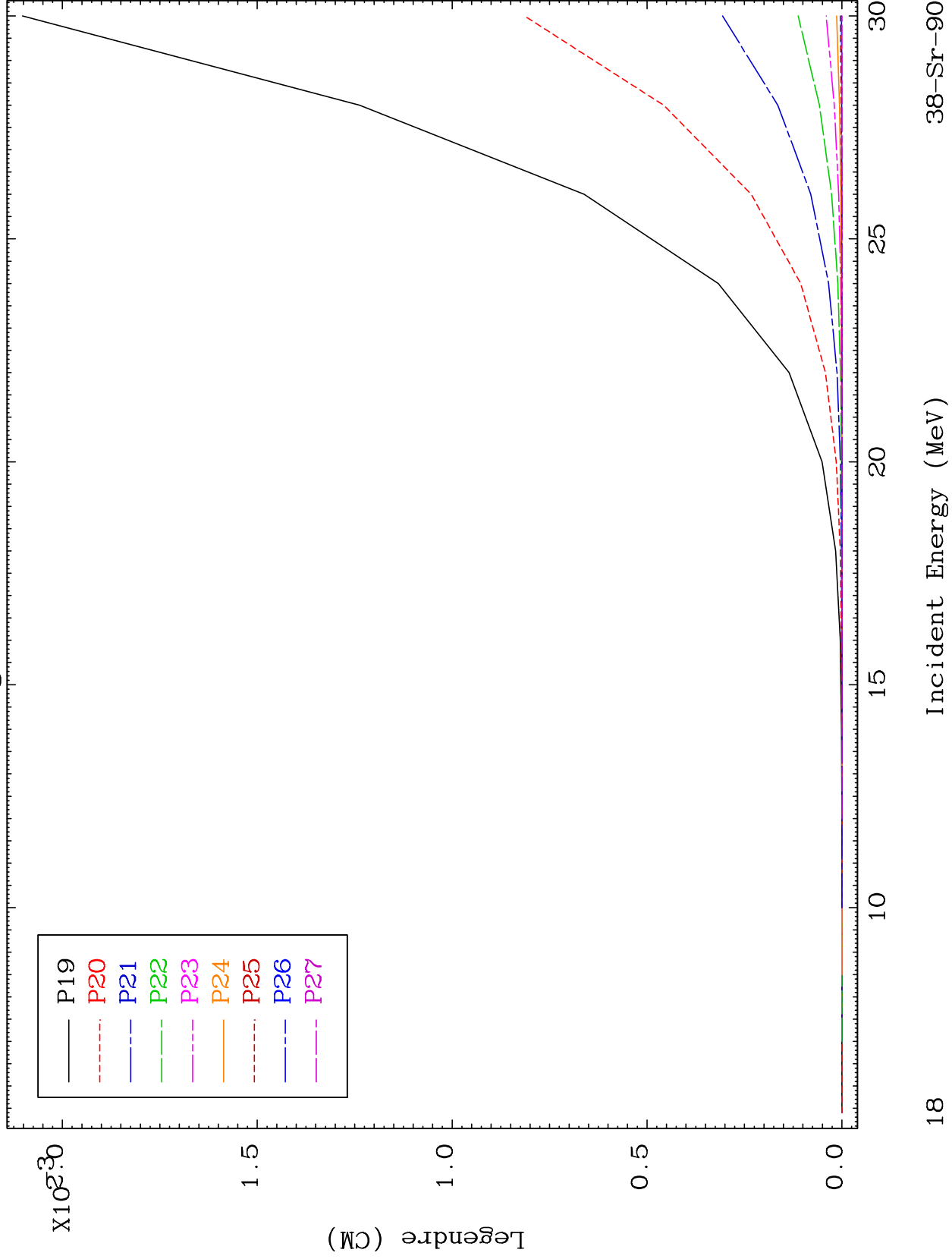
Incident Energy (MeV)

38-Sr-90

MAT 3843

Elastic Legendre Coefficients

38-Sr-90



18

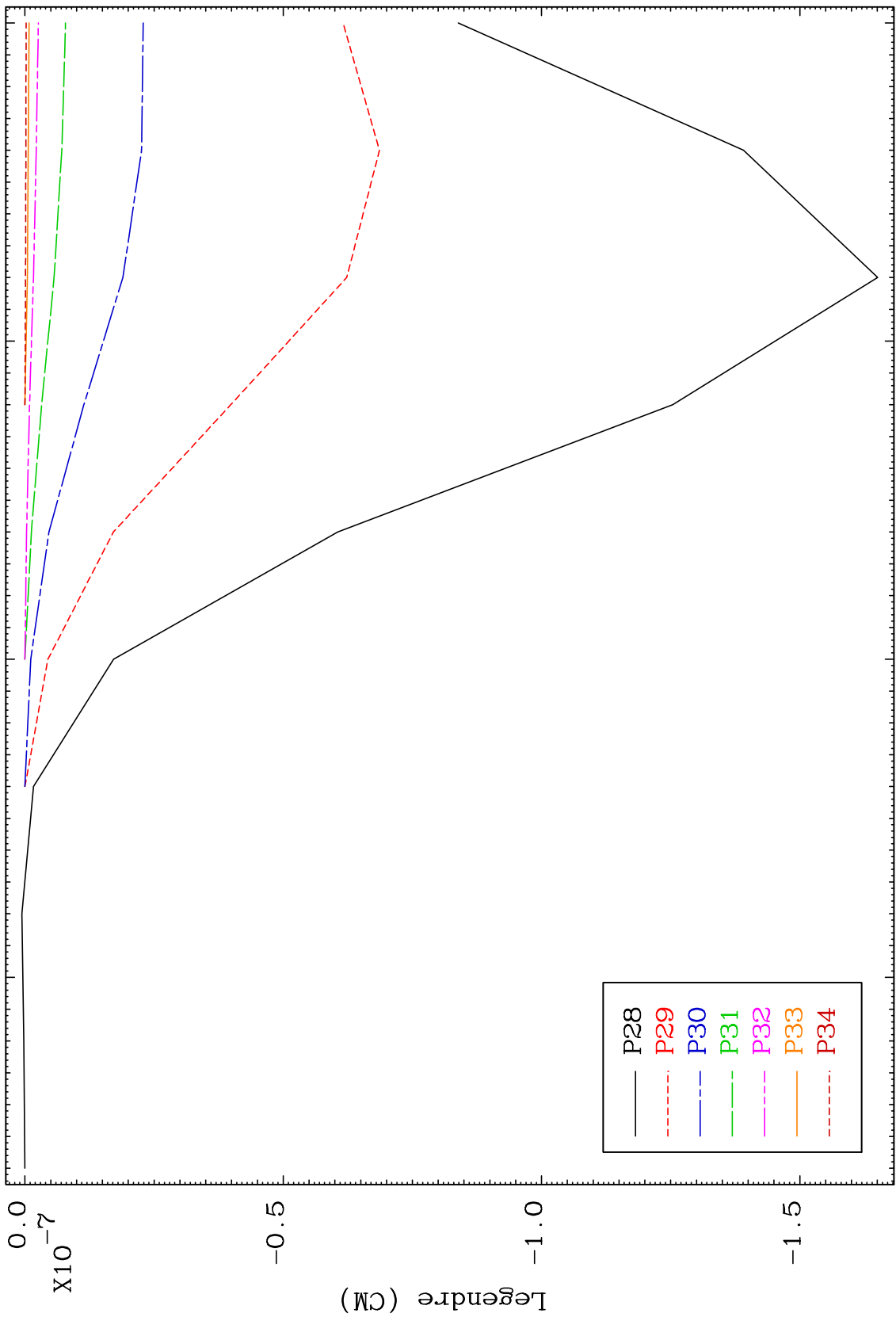
Incident Energy (MeV)

38-Sr-90

MAT 3843

38-Sr-90

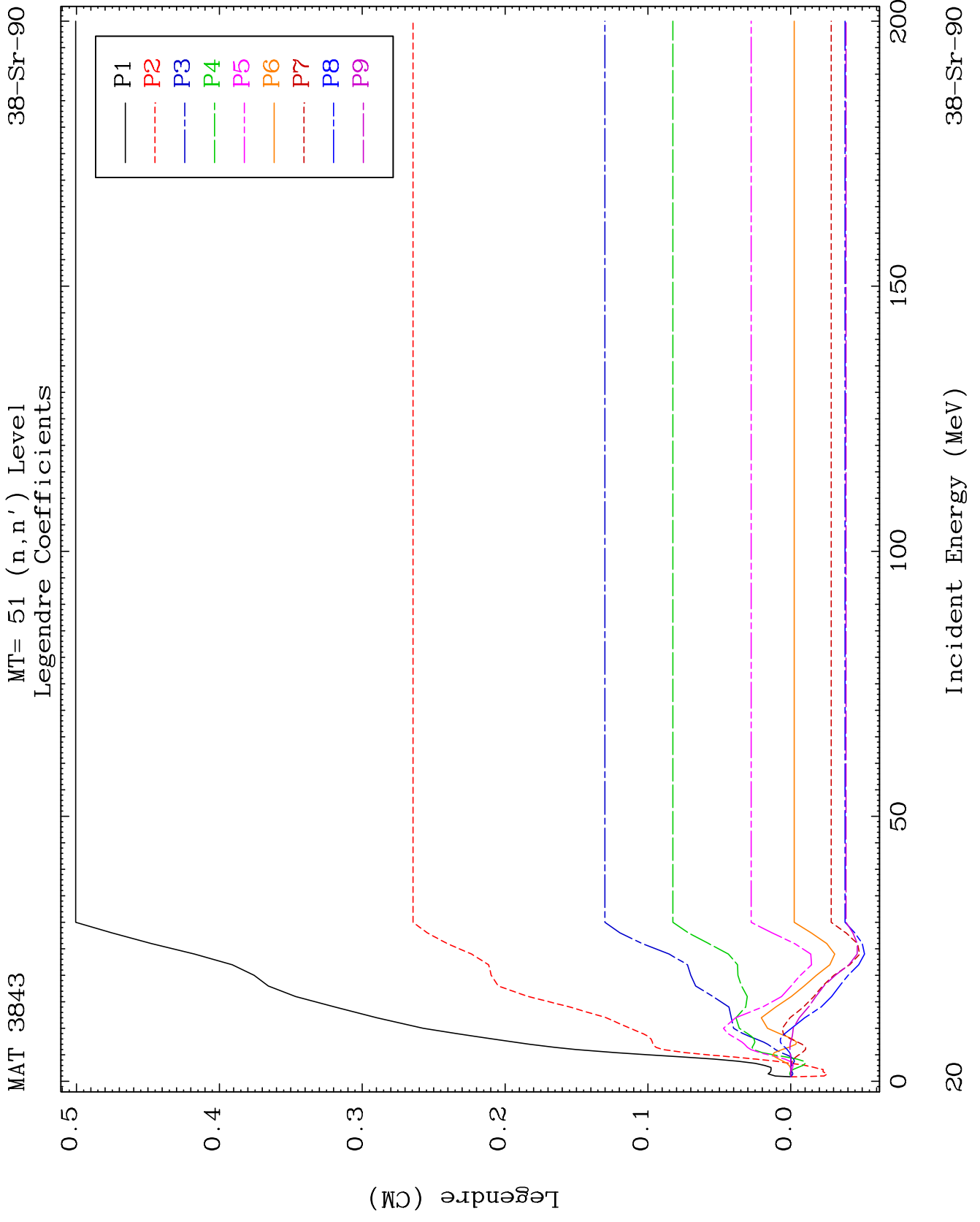
Elastic Legendre Coefficients



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Incident Energy (MeV)

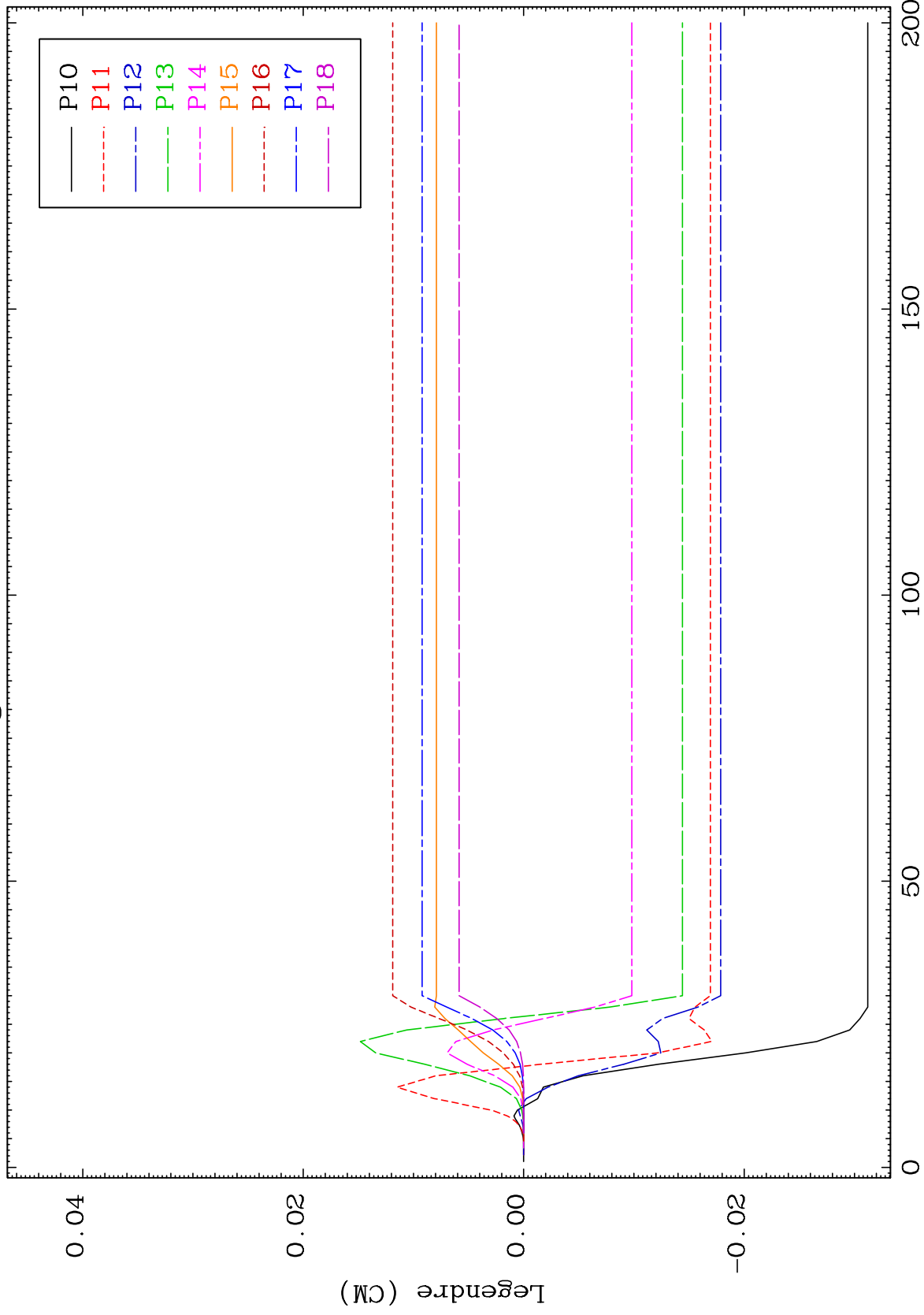
38-Sr-90



MAT 3843

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

38-Sr-90



21

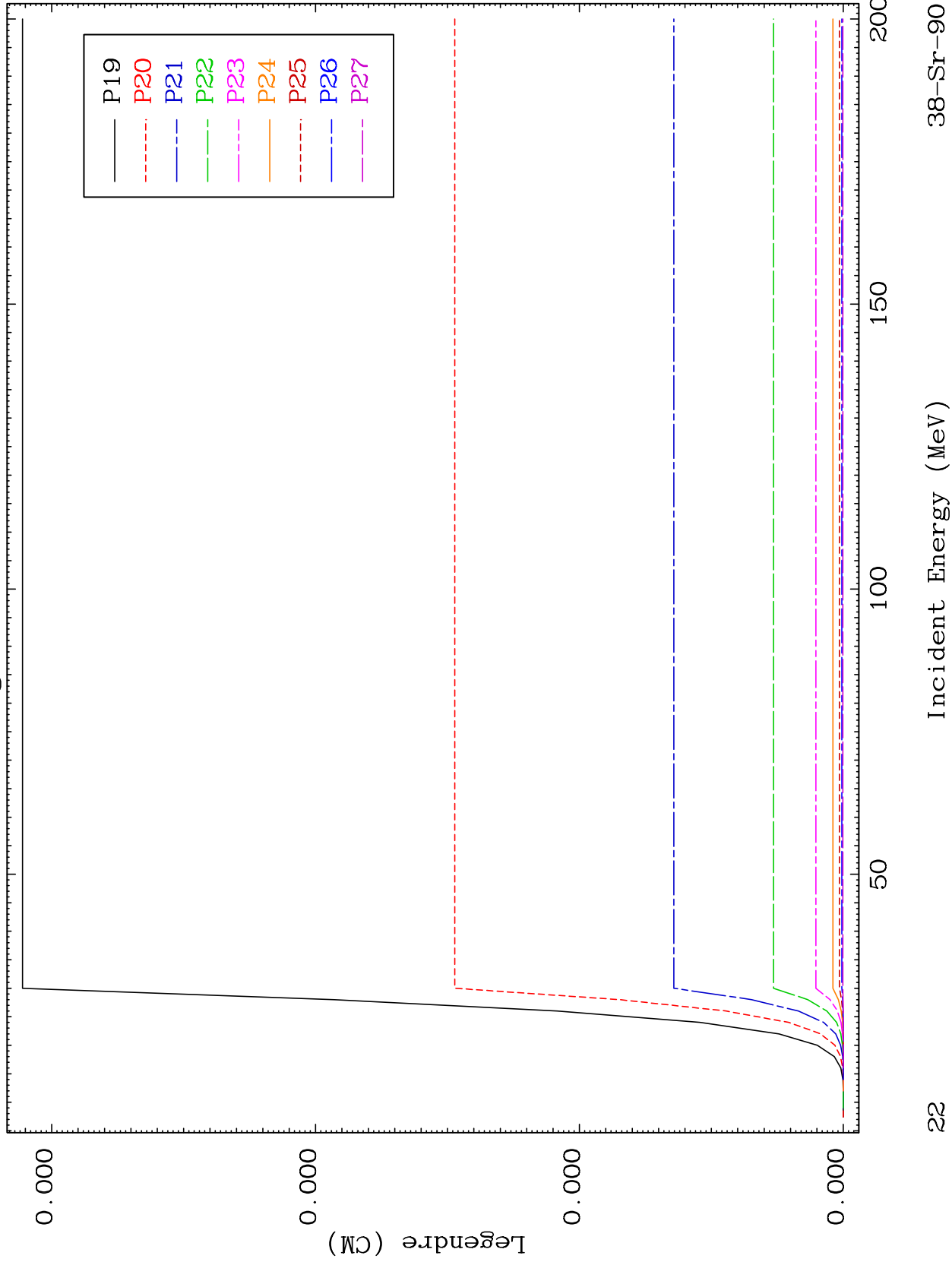
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



22

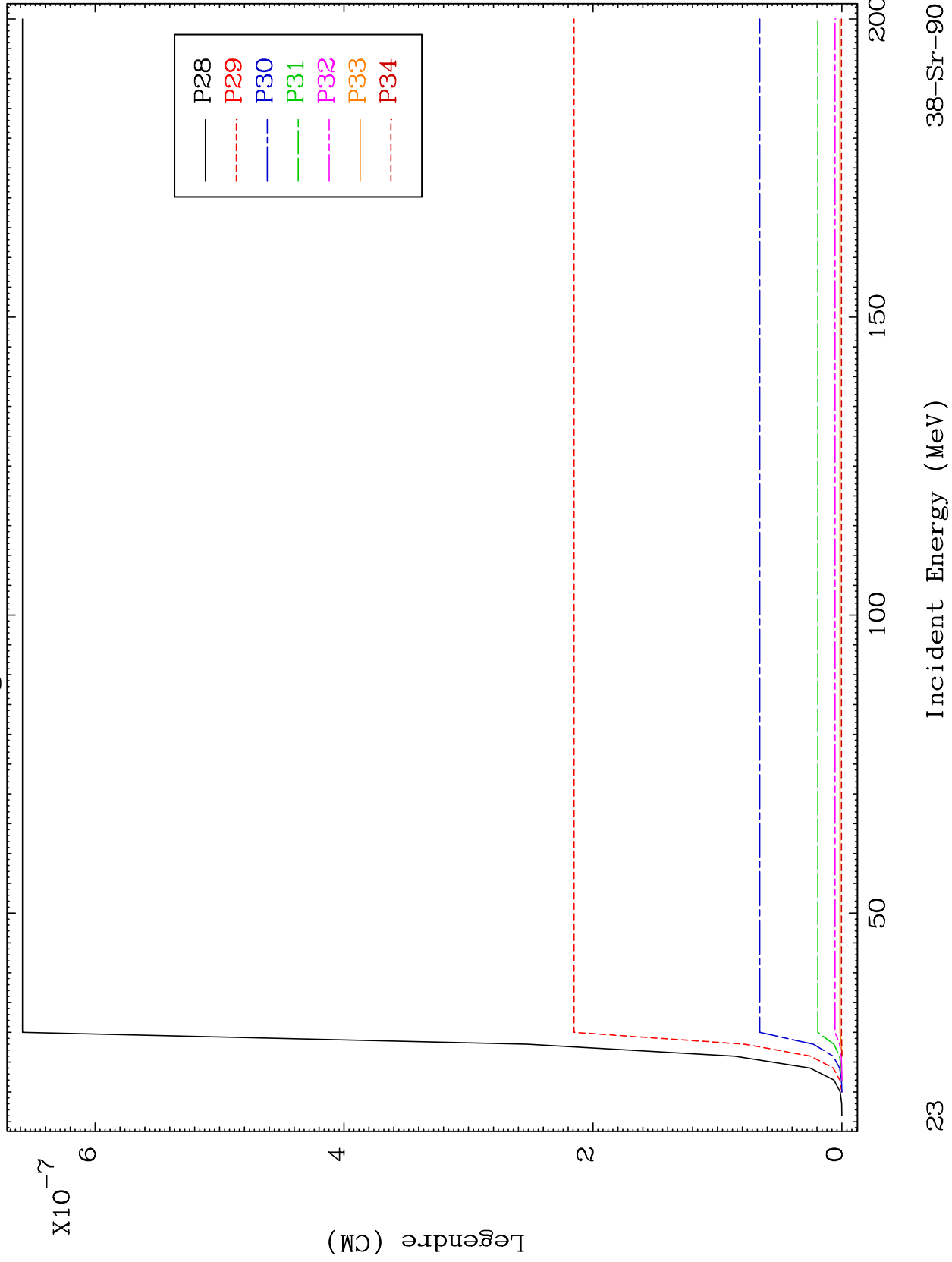
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

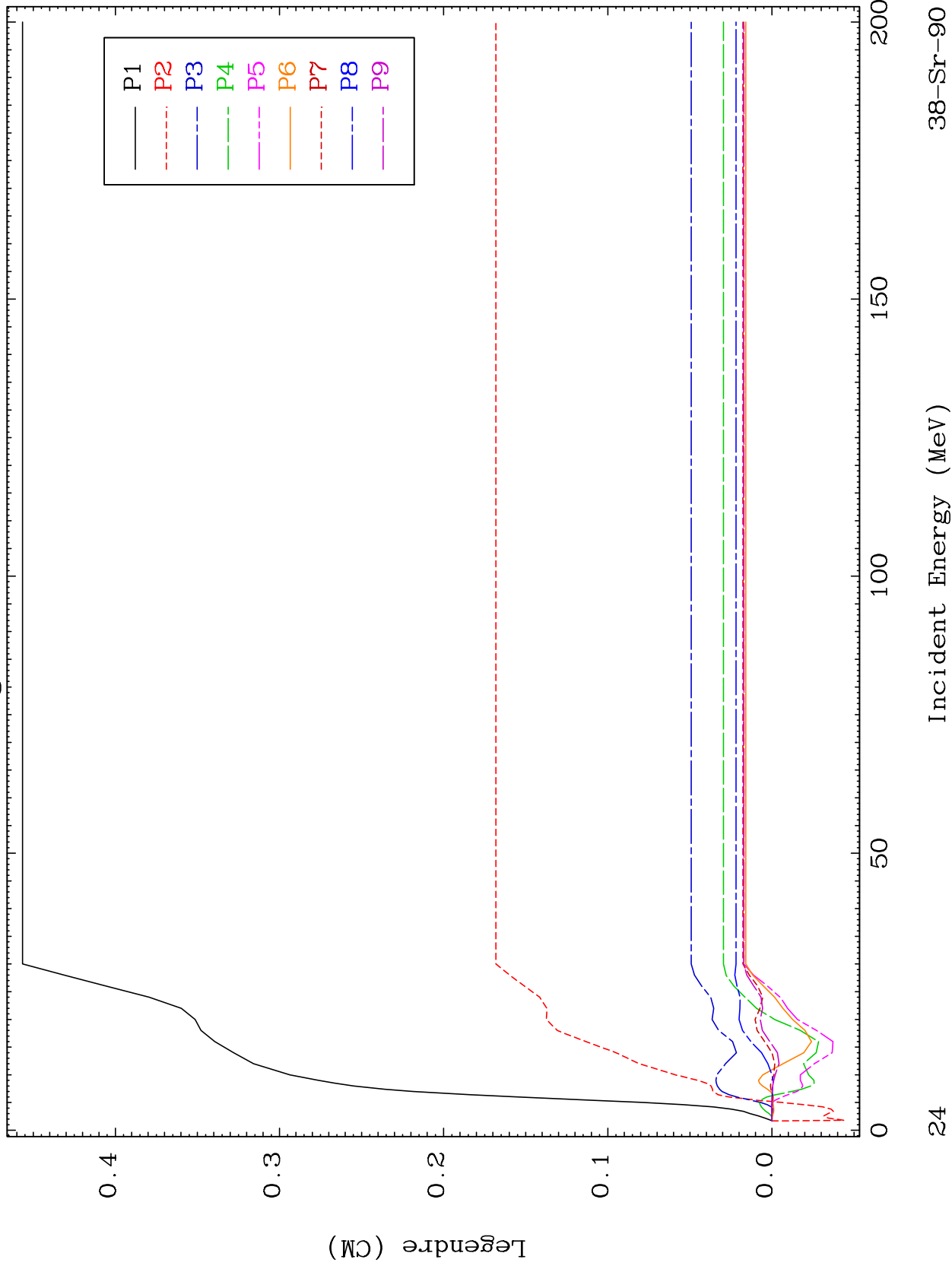
38-Sr-90



MAT 3843

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

38-Sr-90



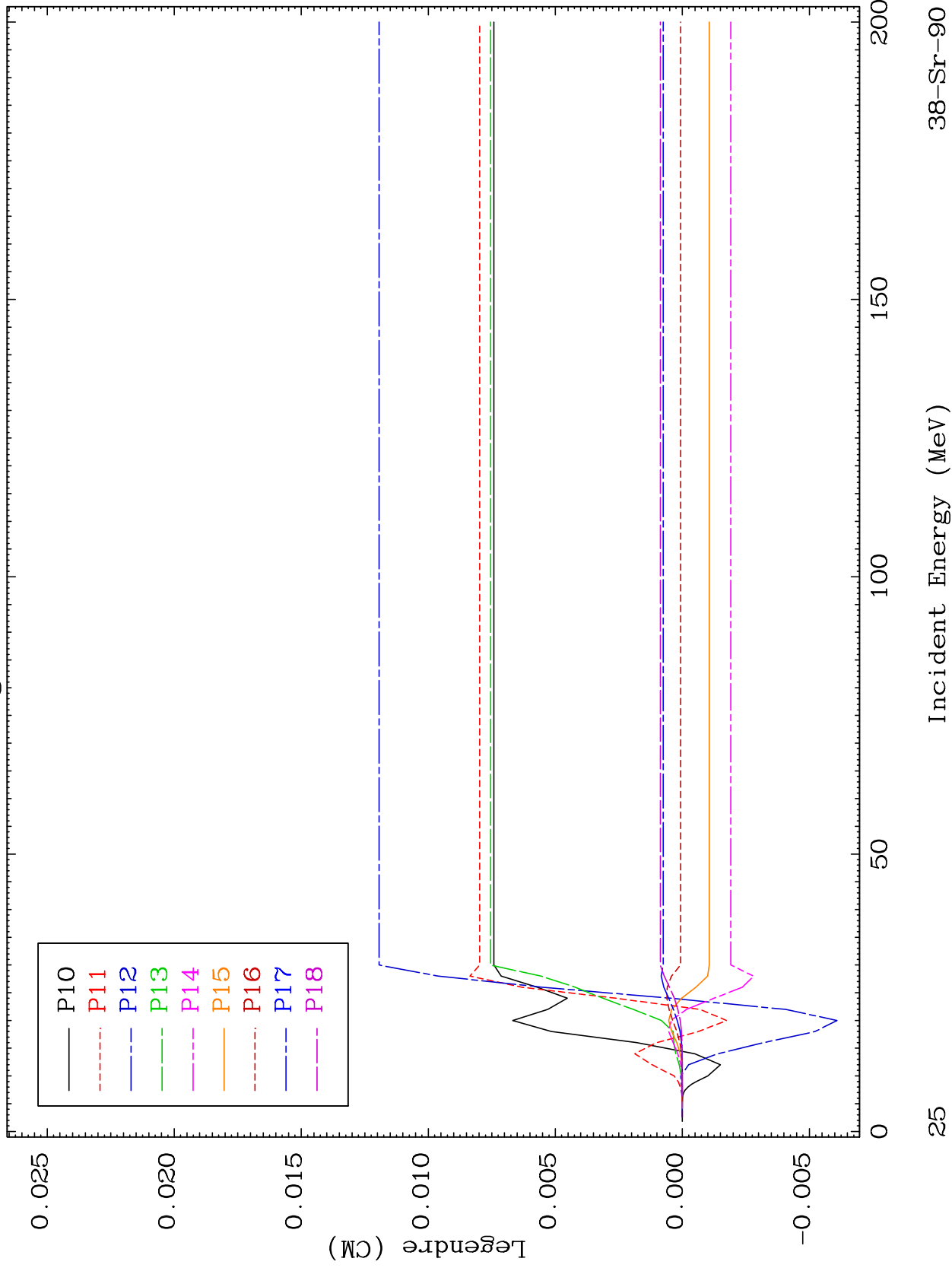
24

38-Sr-90

MAT 3843

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

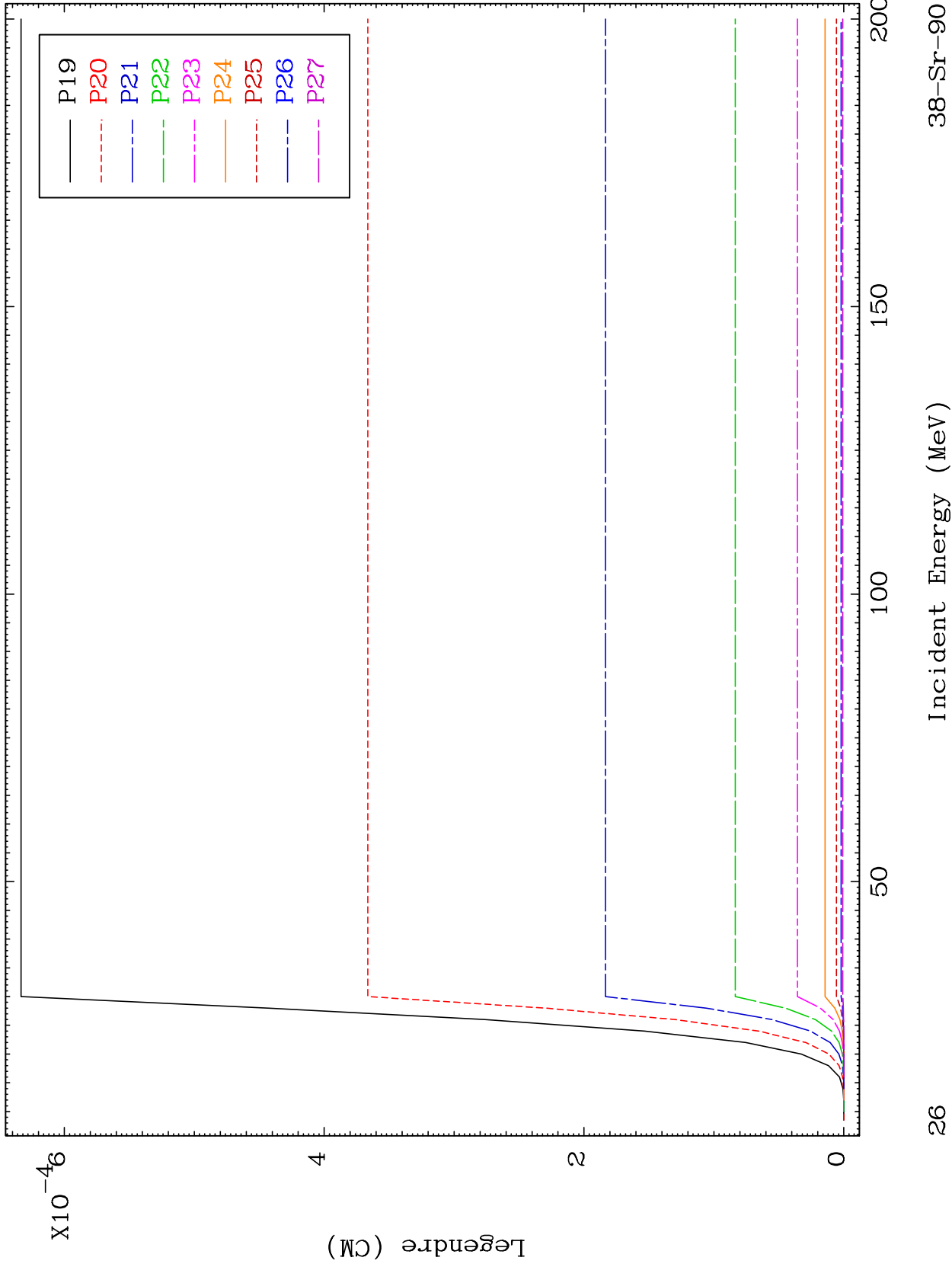
38-Sr-90



MAT 3843

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

38-Sr-90



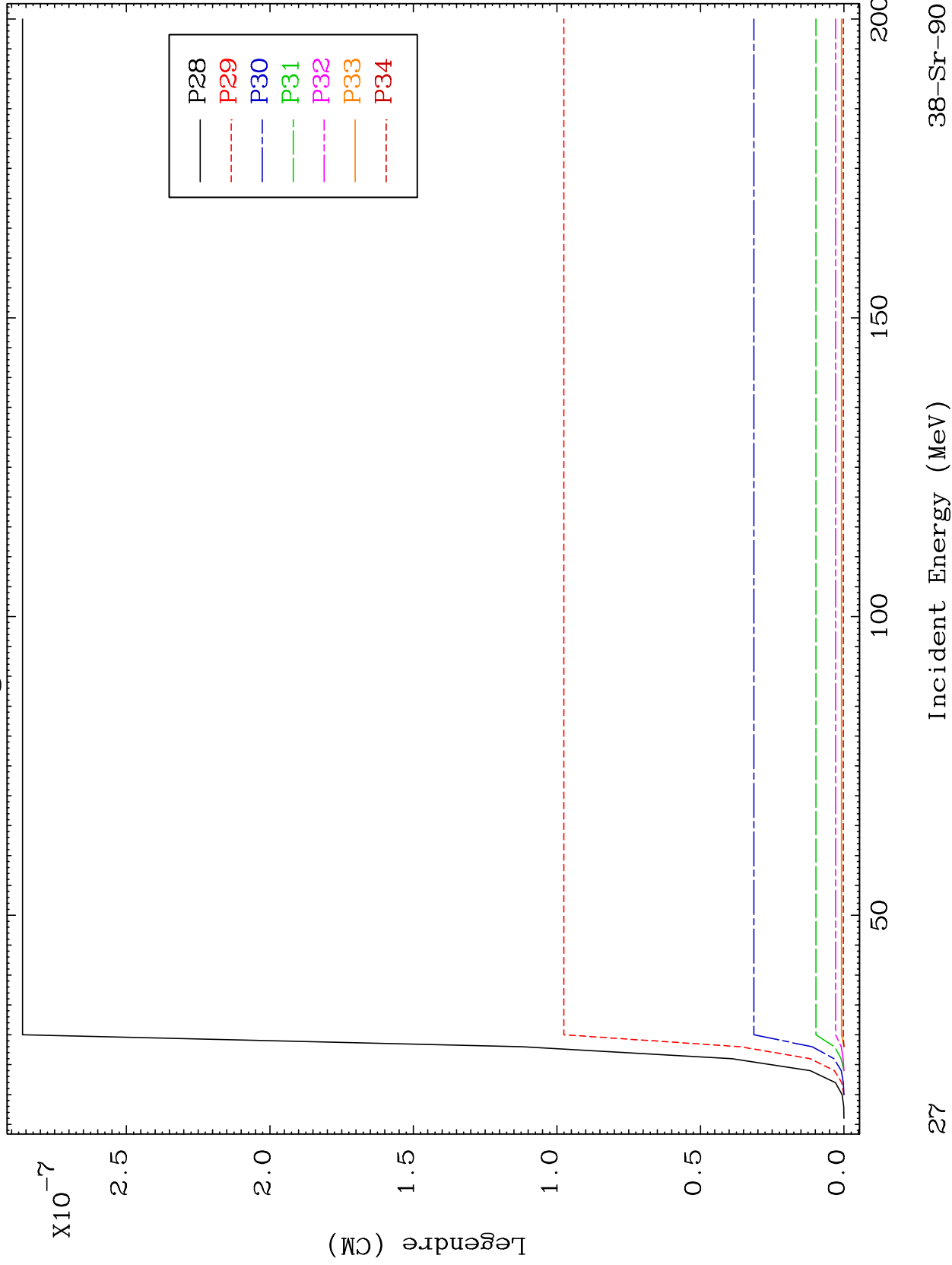
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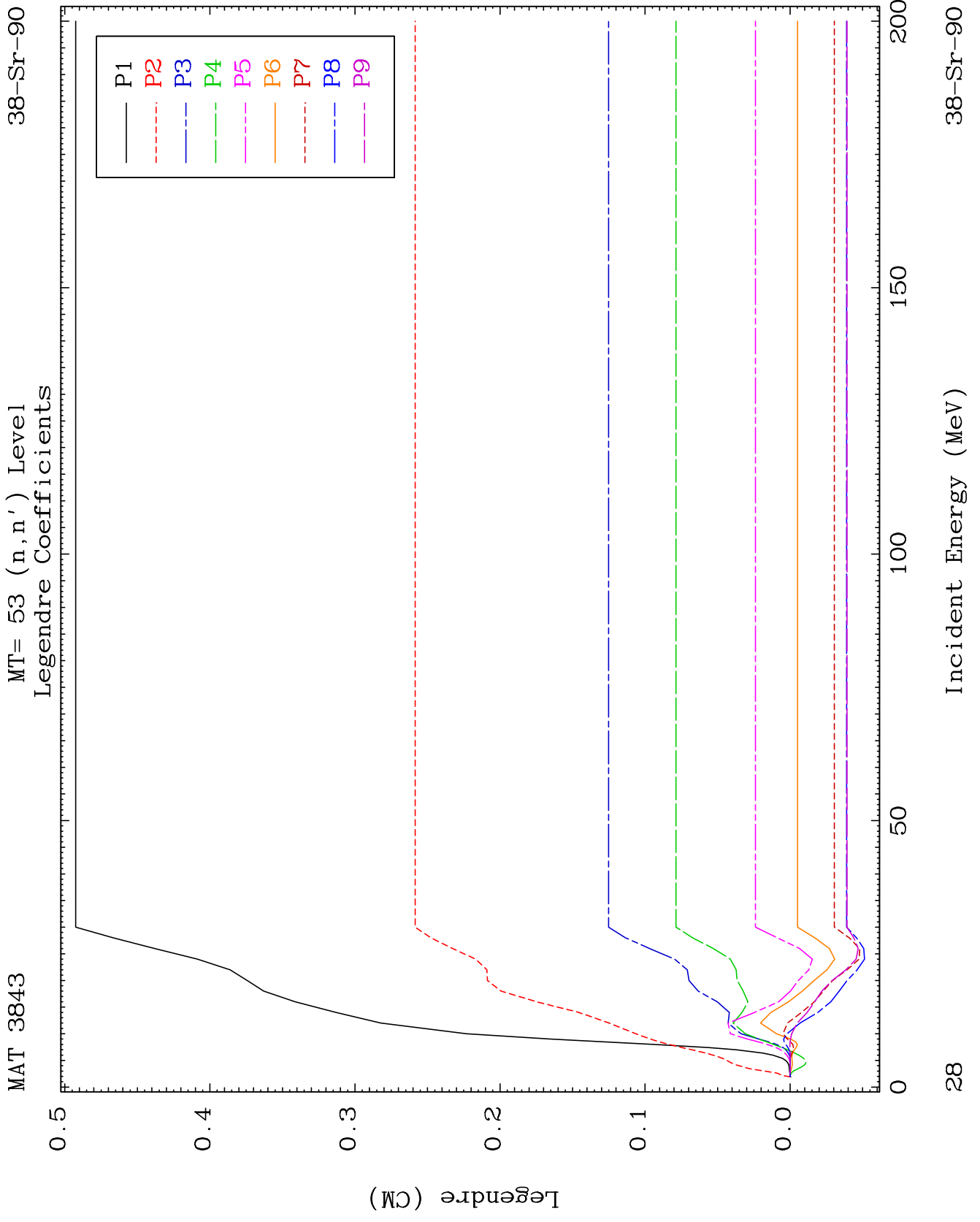
38-Sr-90

MAT 3843

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

38-Sr-90

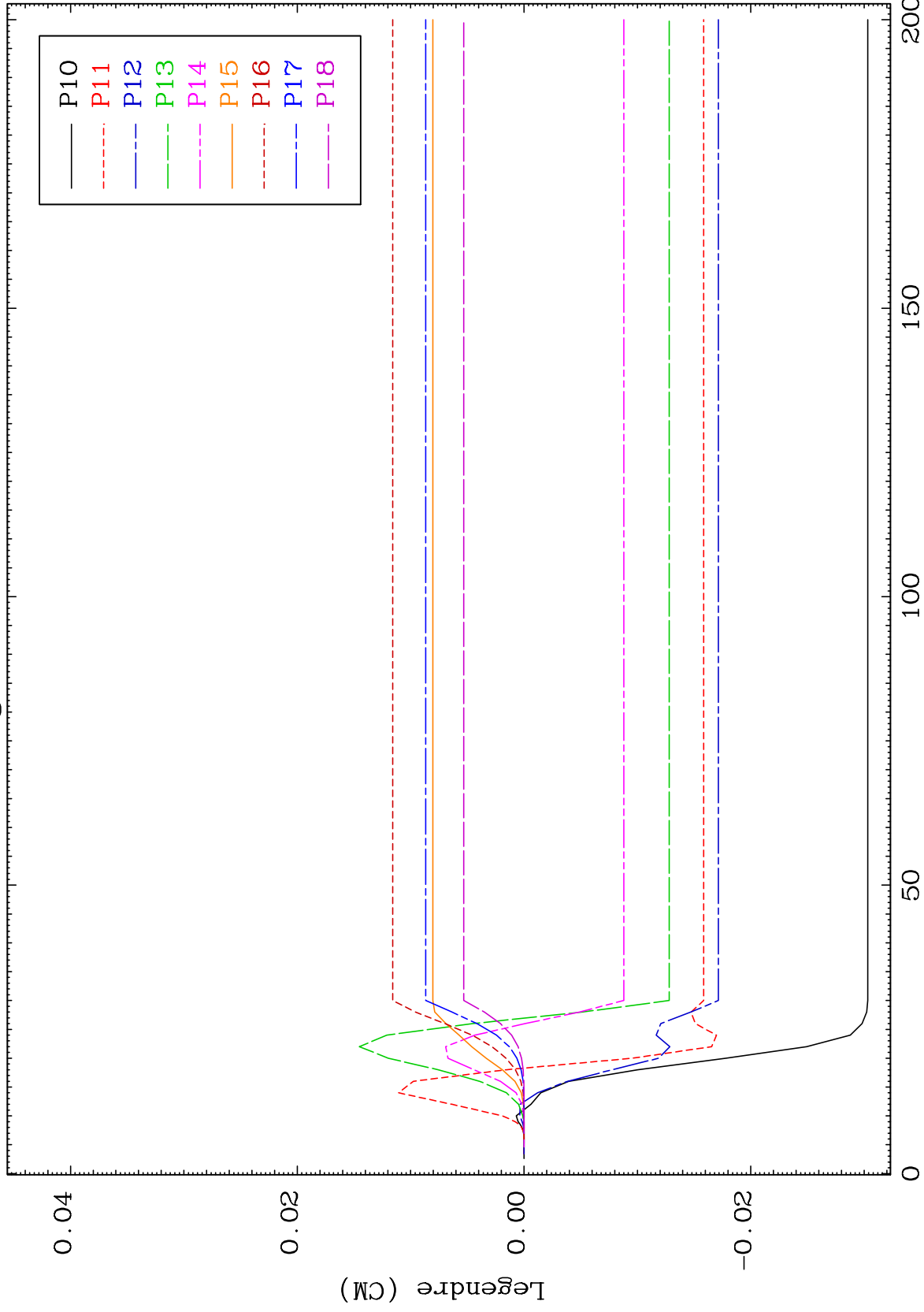




MAT 3843

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

38-Sr-90



29

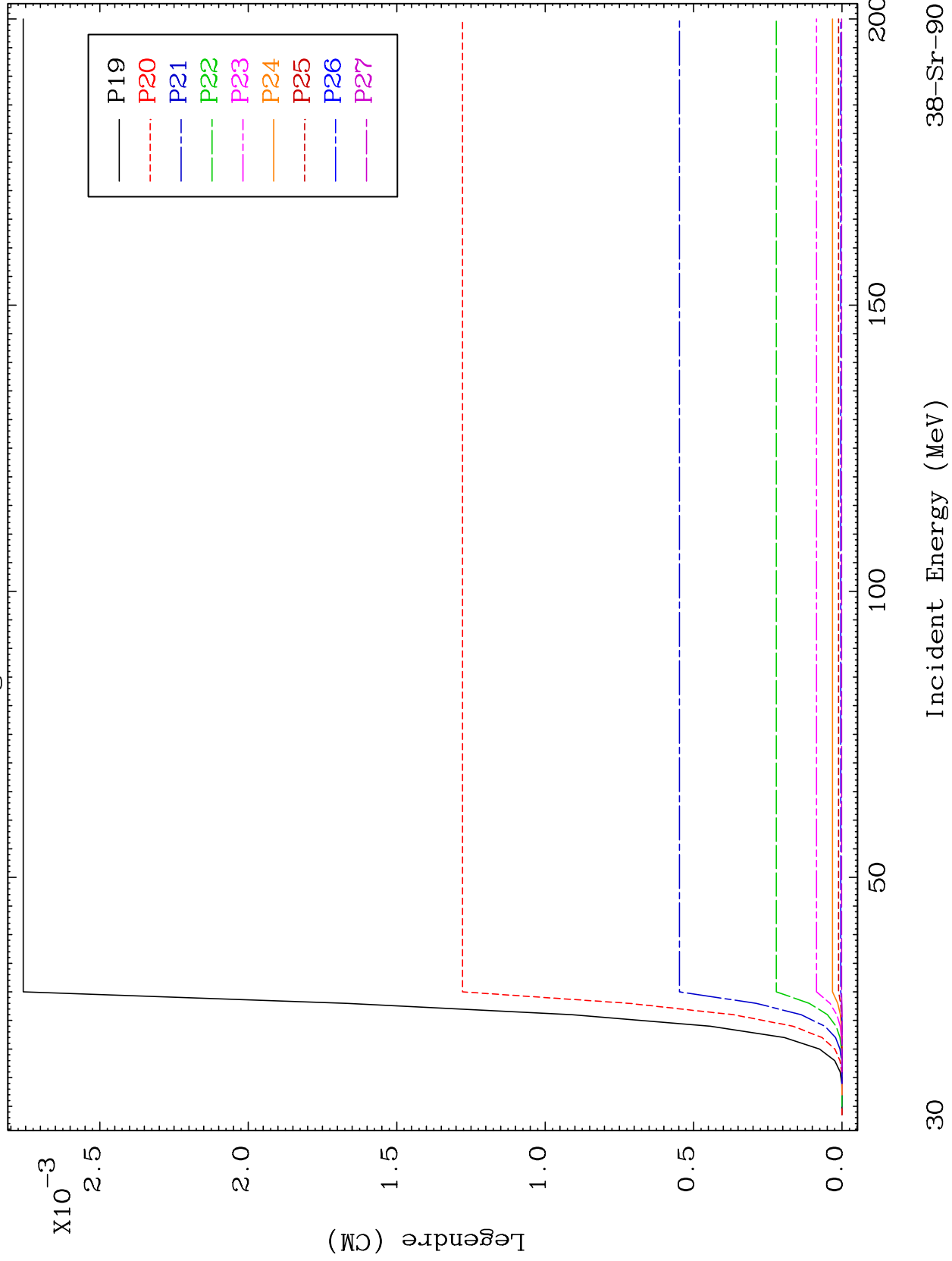
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



30

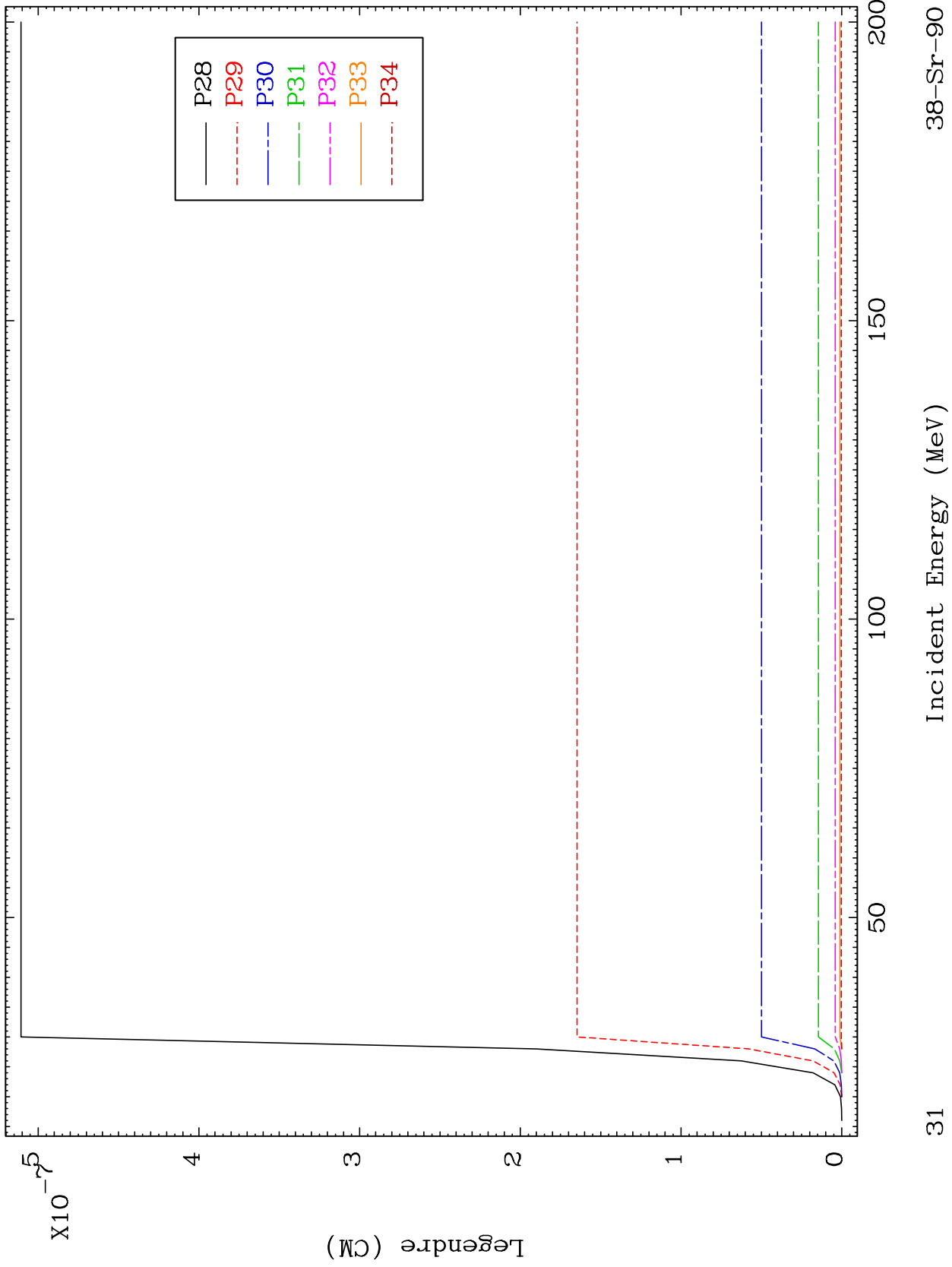
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

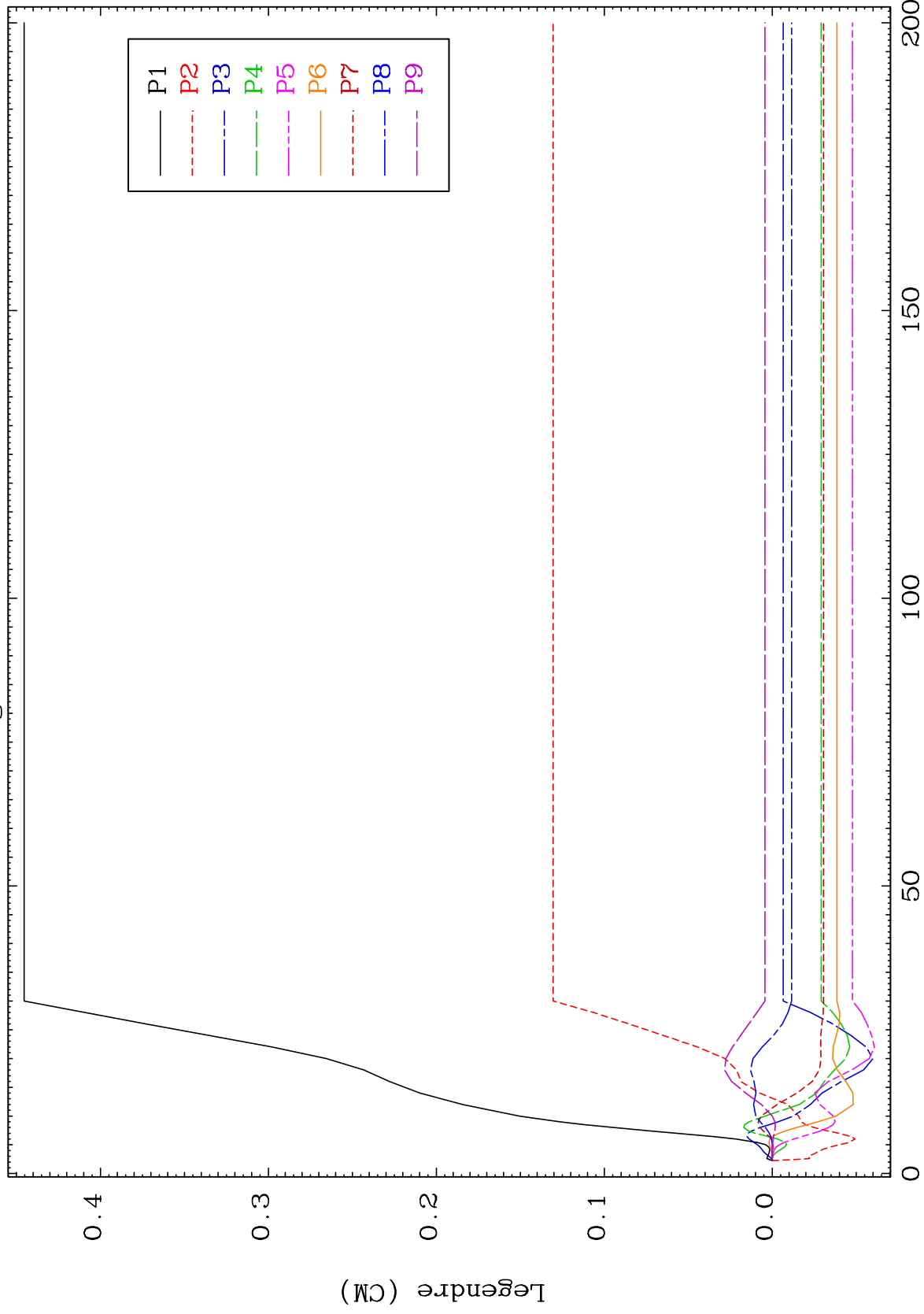
38-Sr-90



MAT 3843

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

38-Sr-90



32

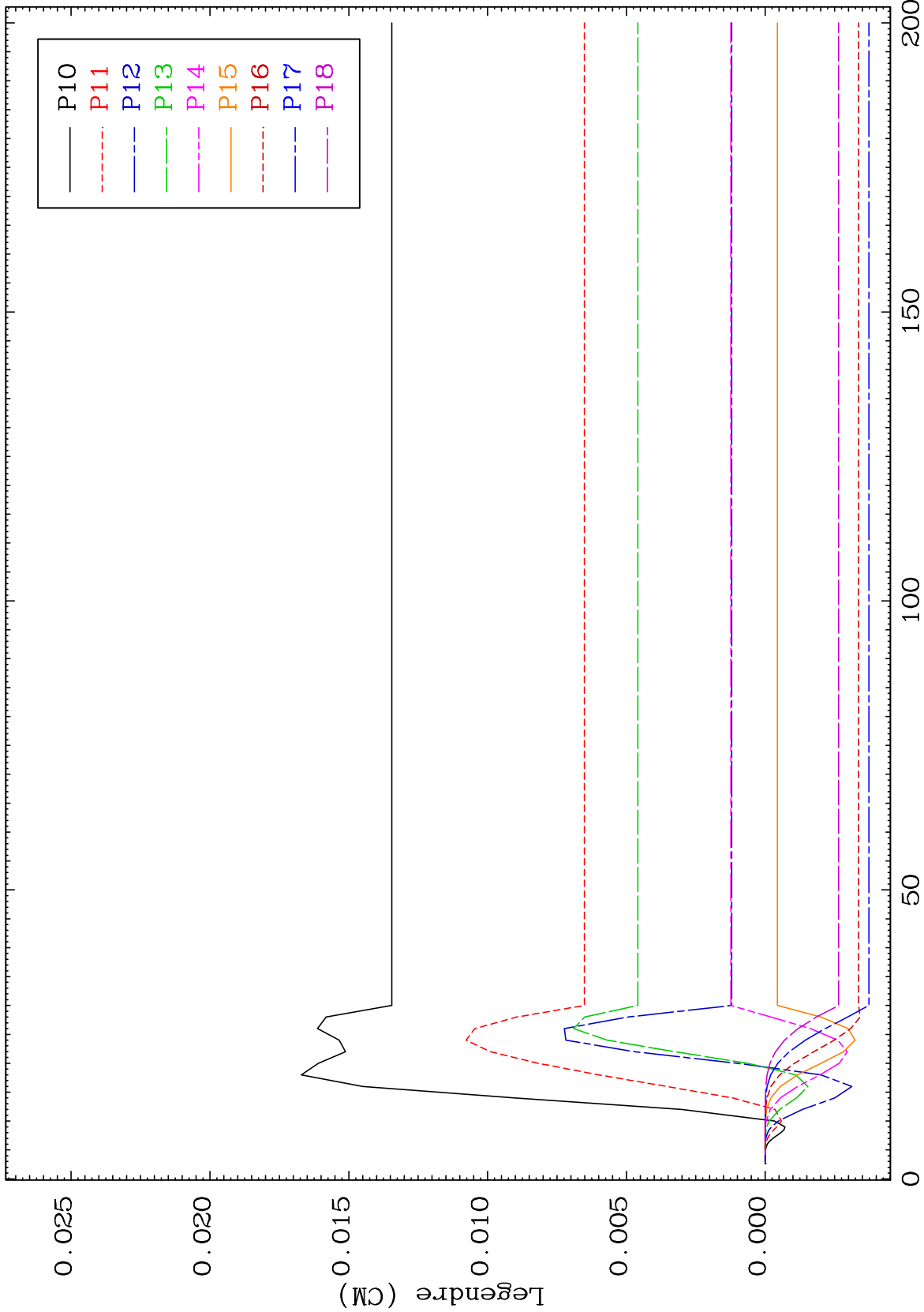
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

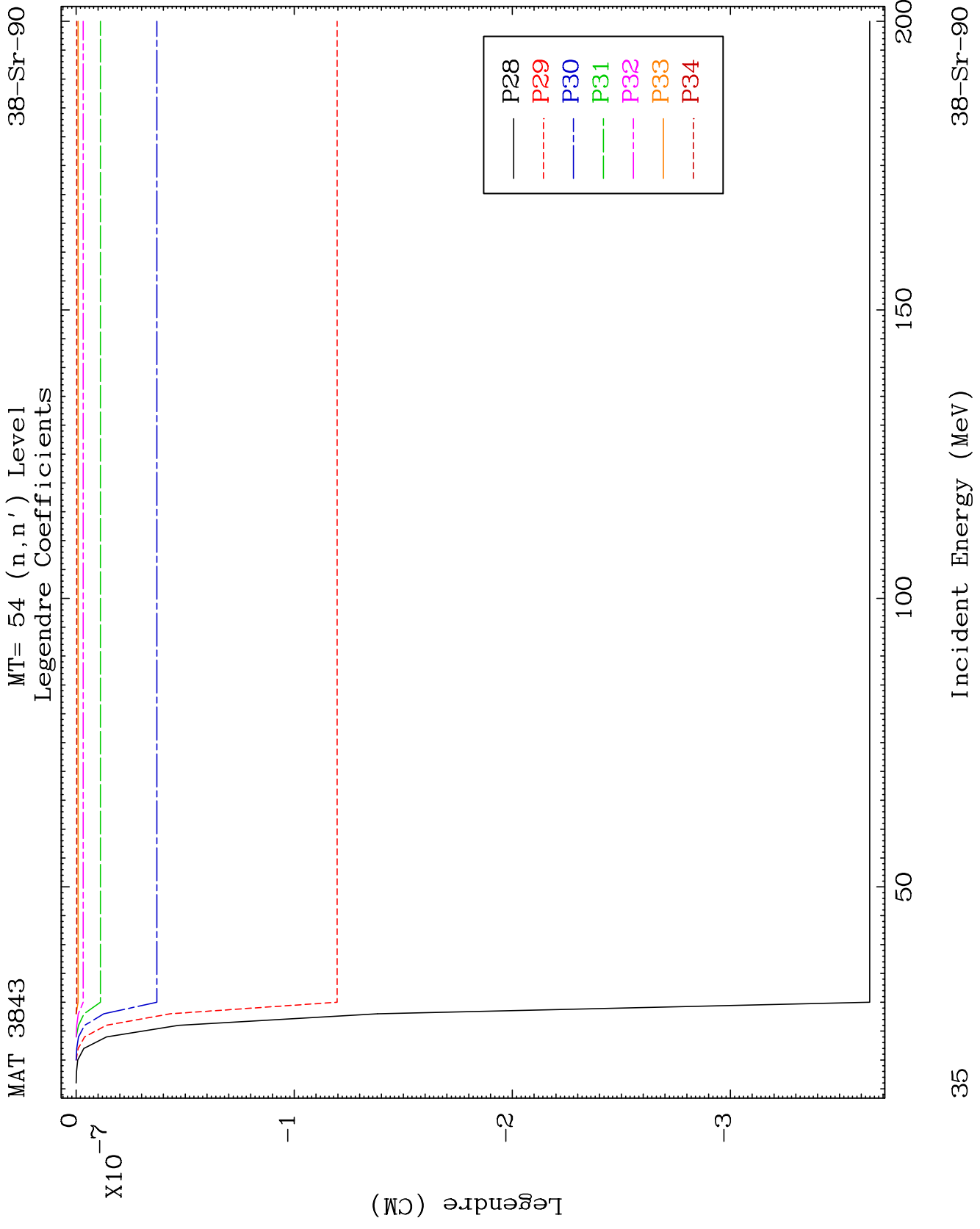
38-Sr-90



33

Incident Energy (MeV)

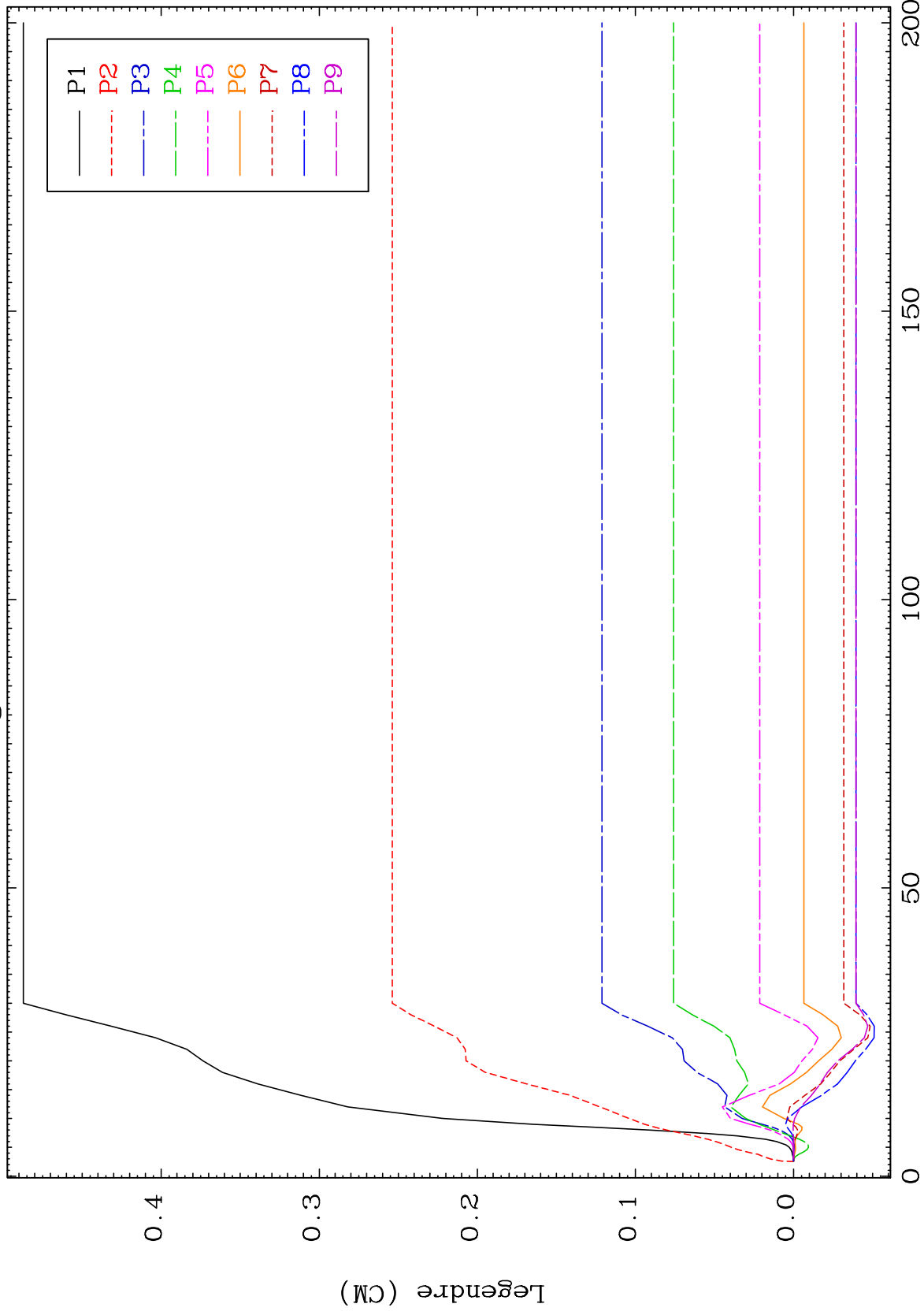
38-Sr-90



MAT 3843

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

38-Sr-90



36

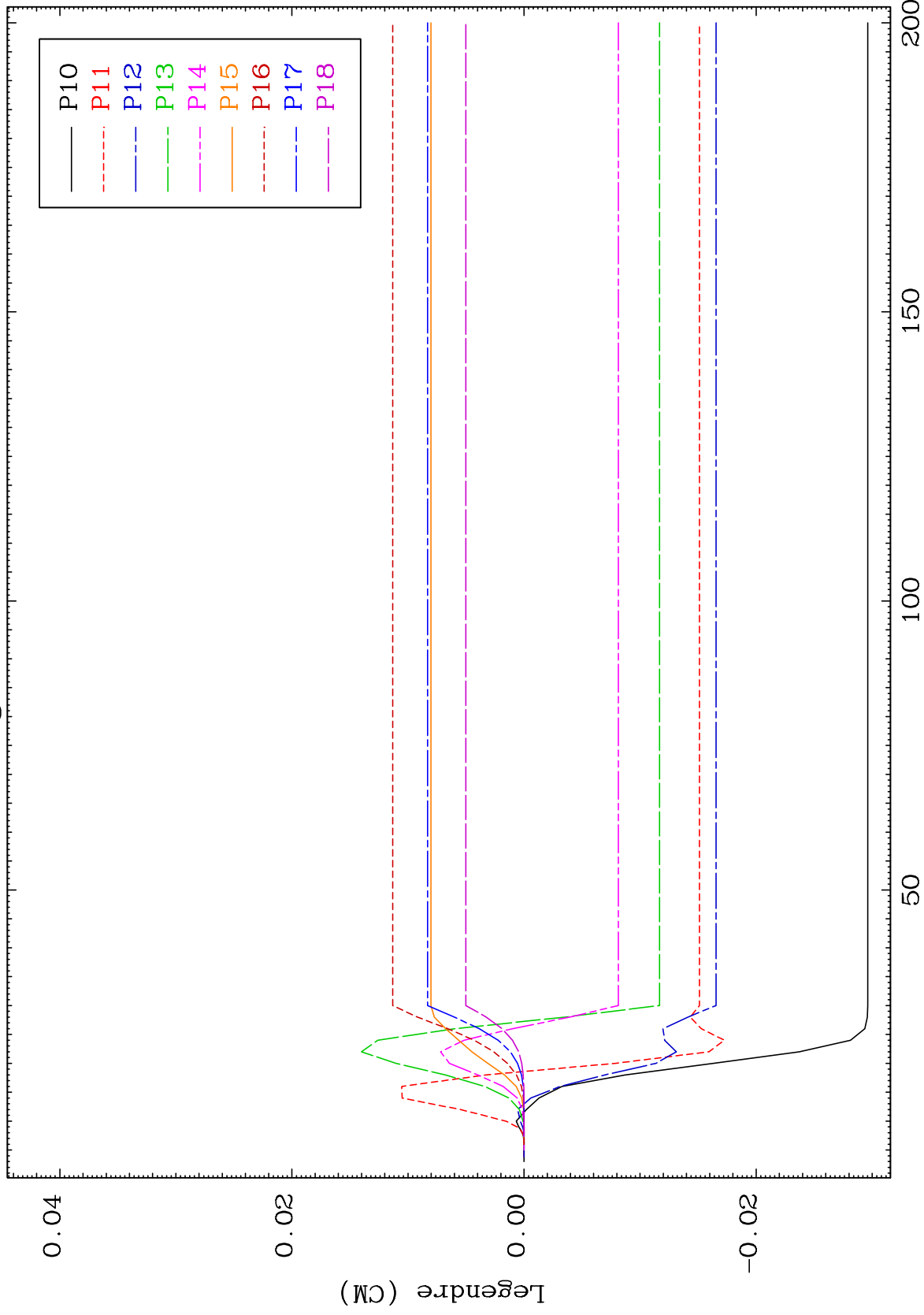
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



37

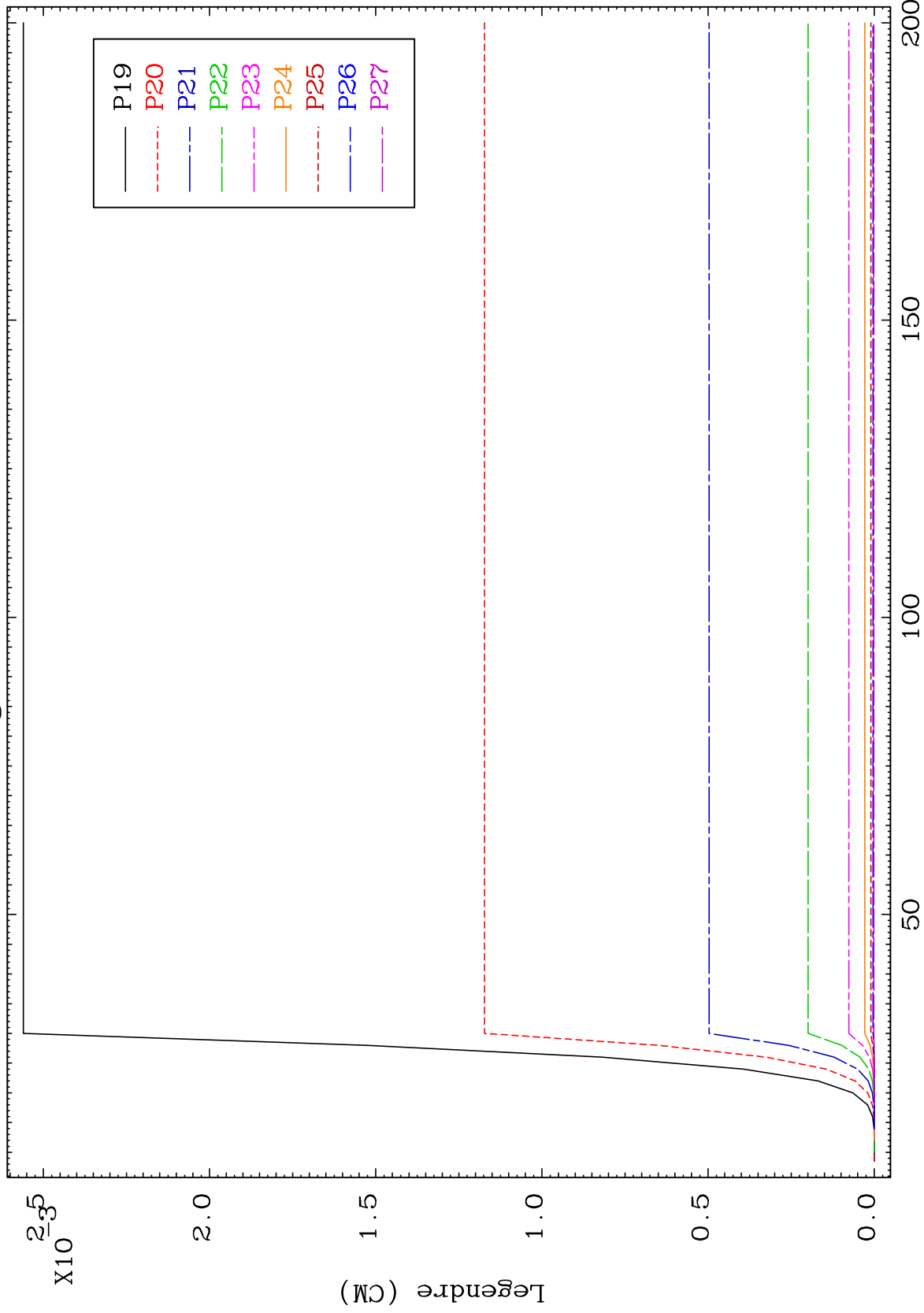
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



38

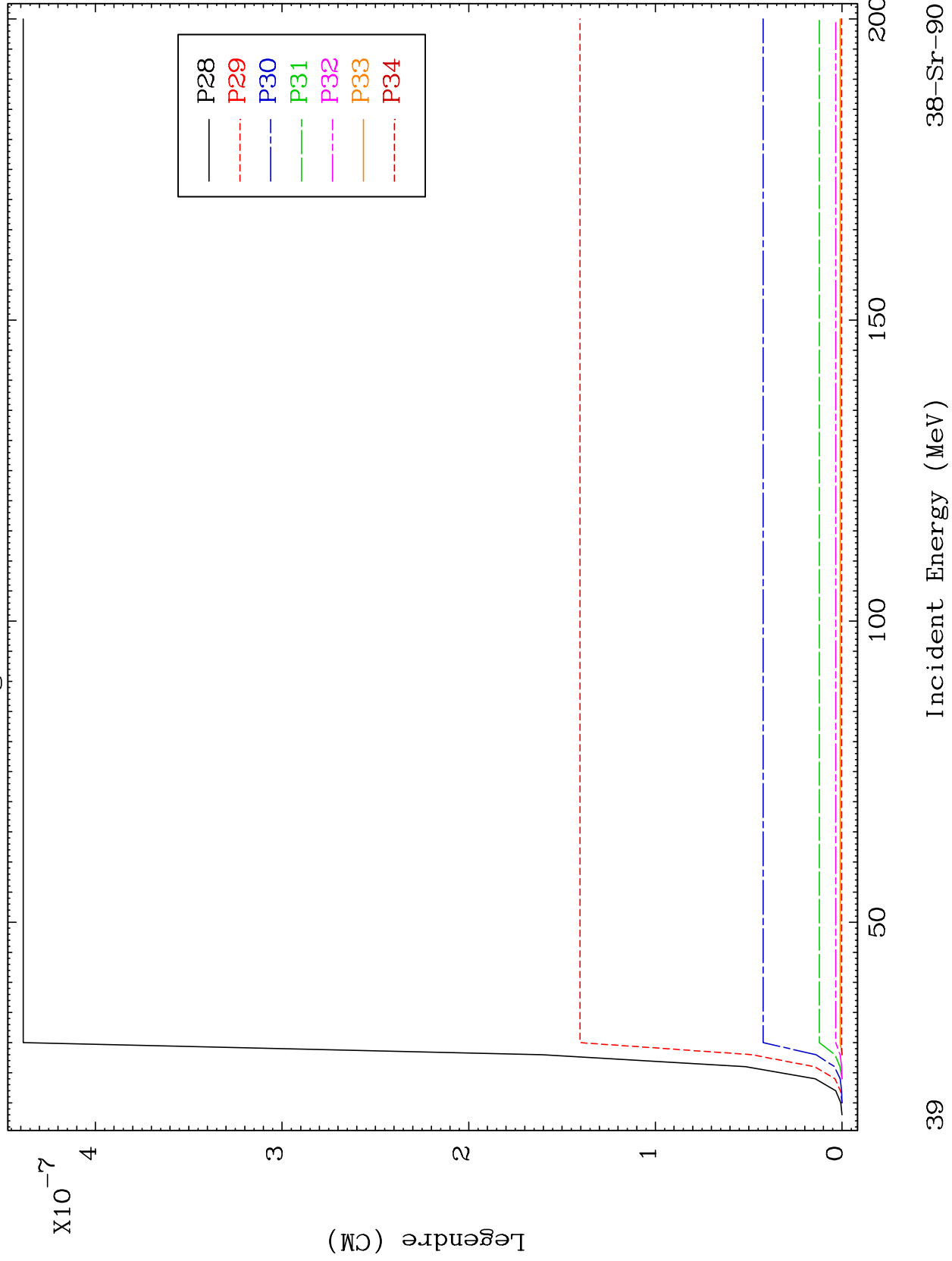
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



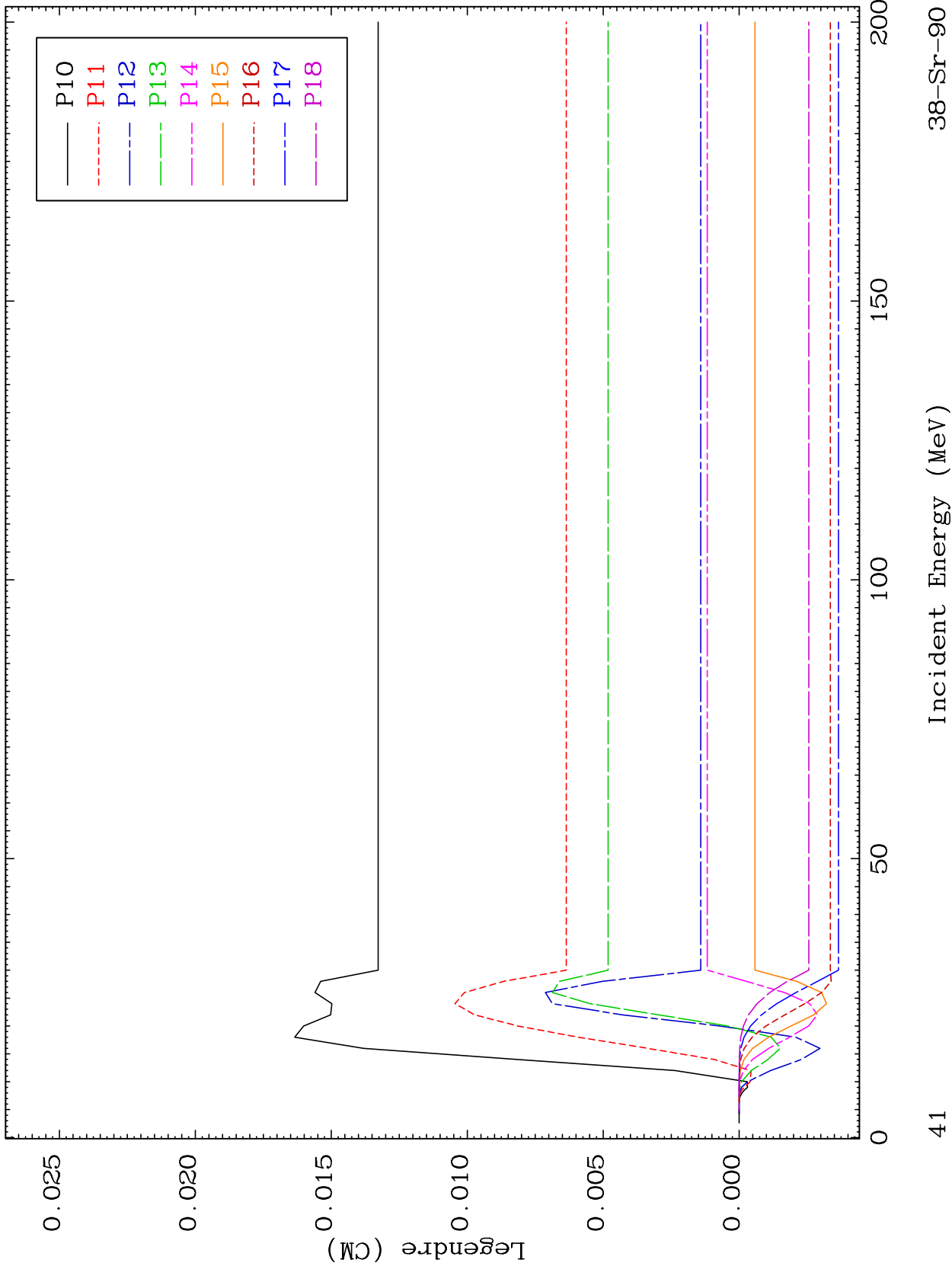
39

38-Sr-90

MAT 3843

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

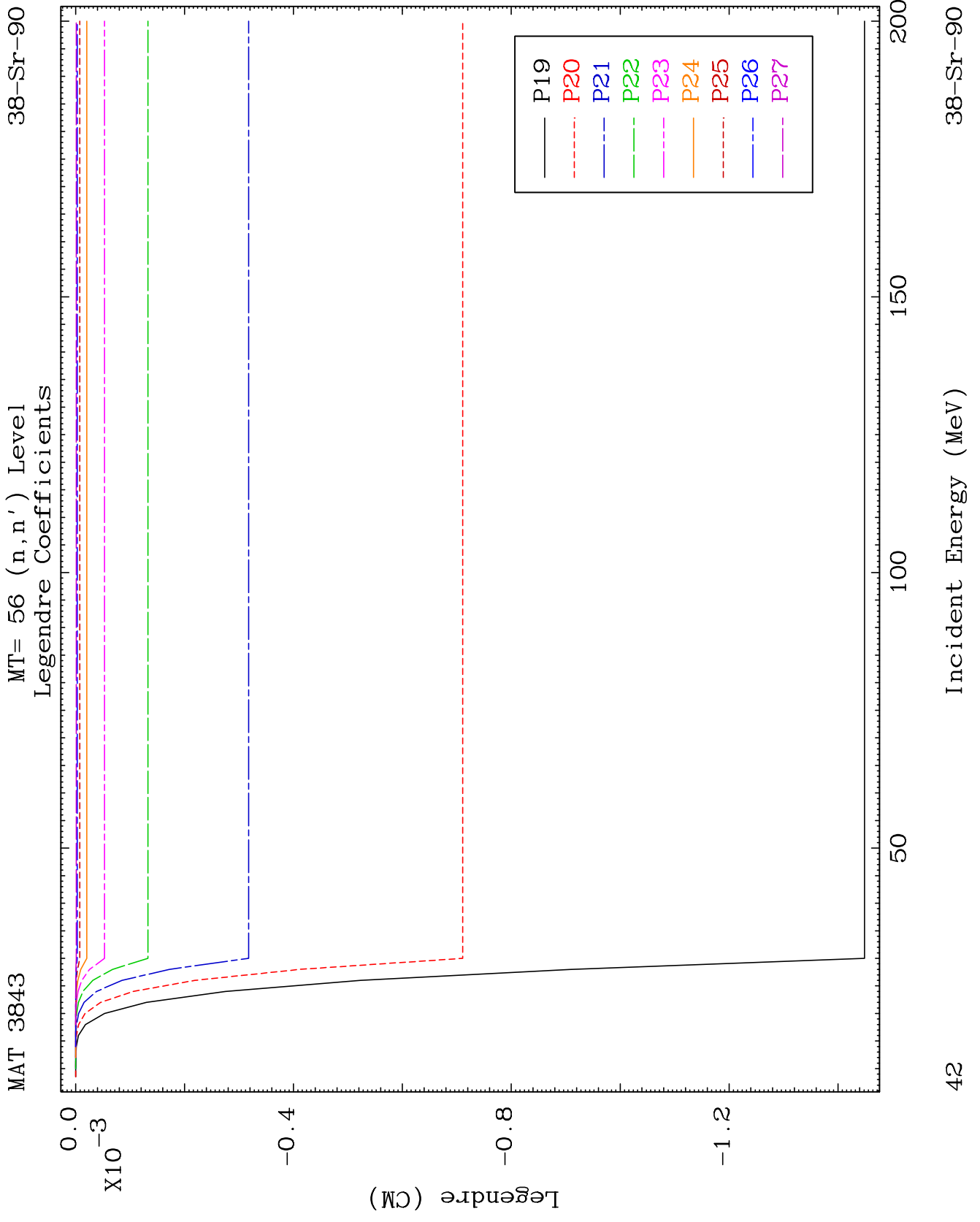
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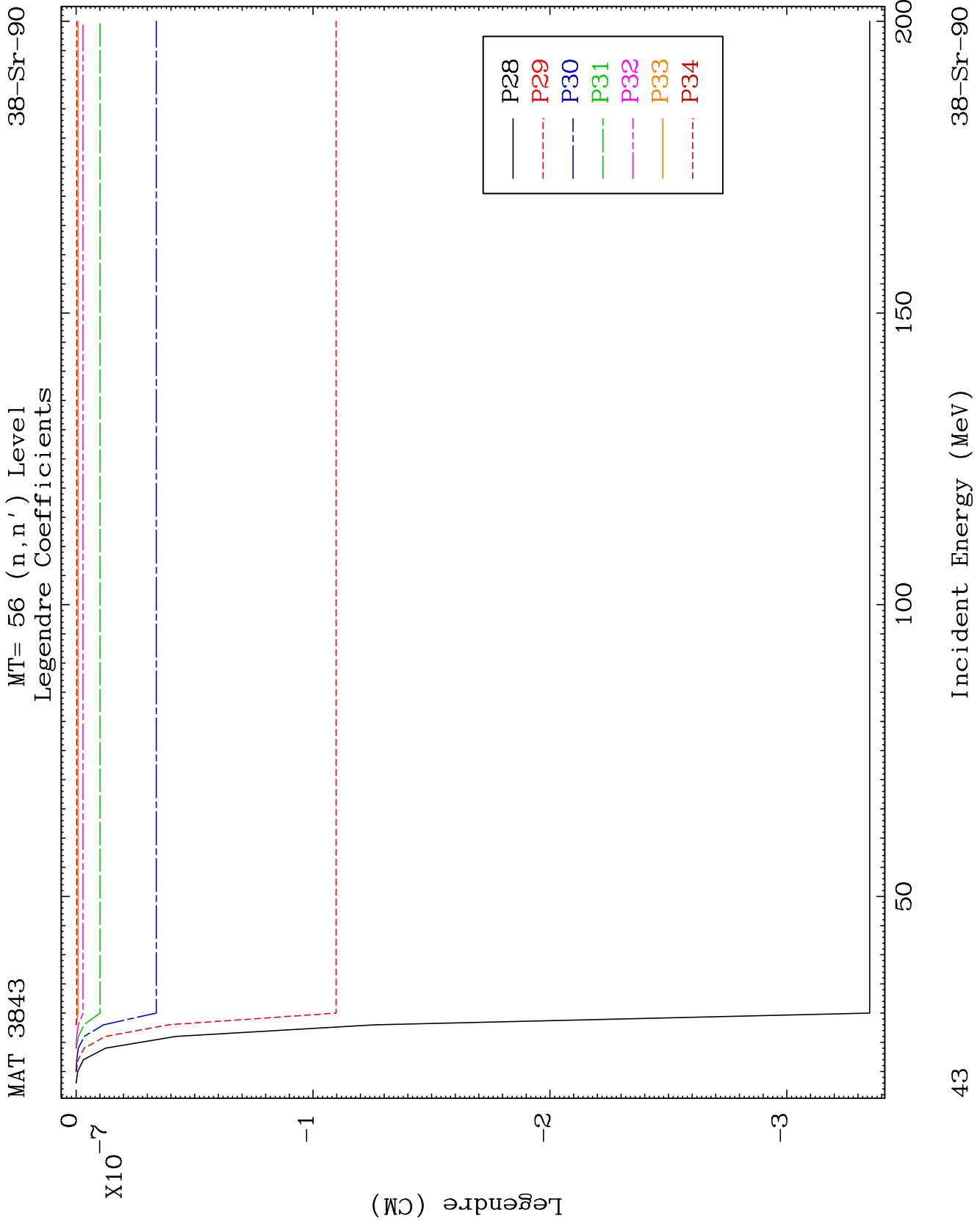


41

Incident Energy (MeV)

38-Sr-90

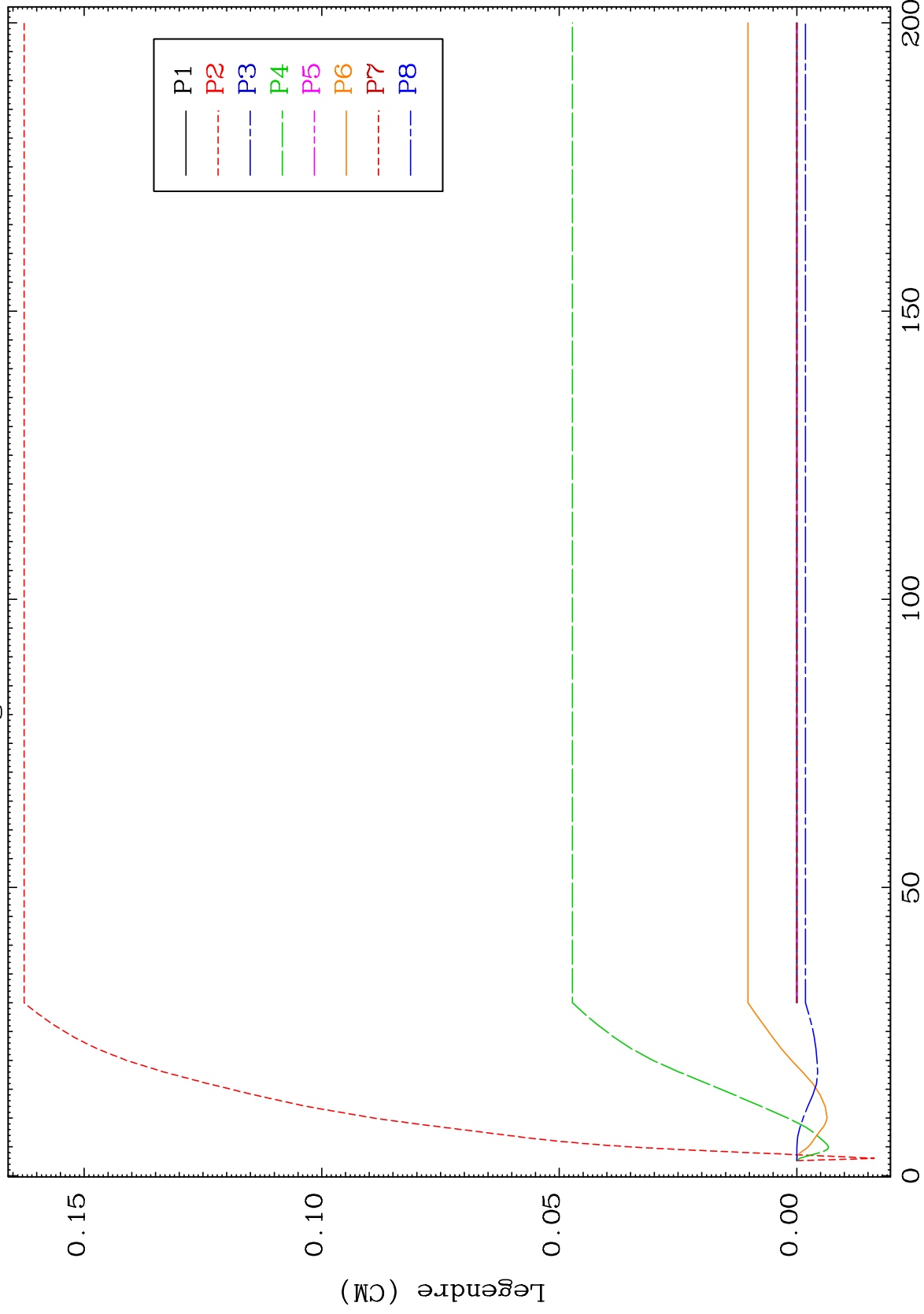




MAT 3843

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

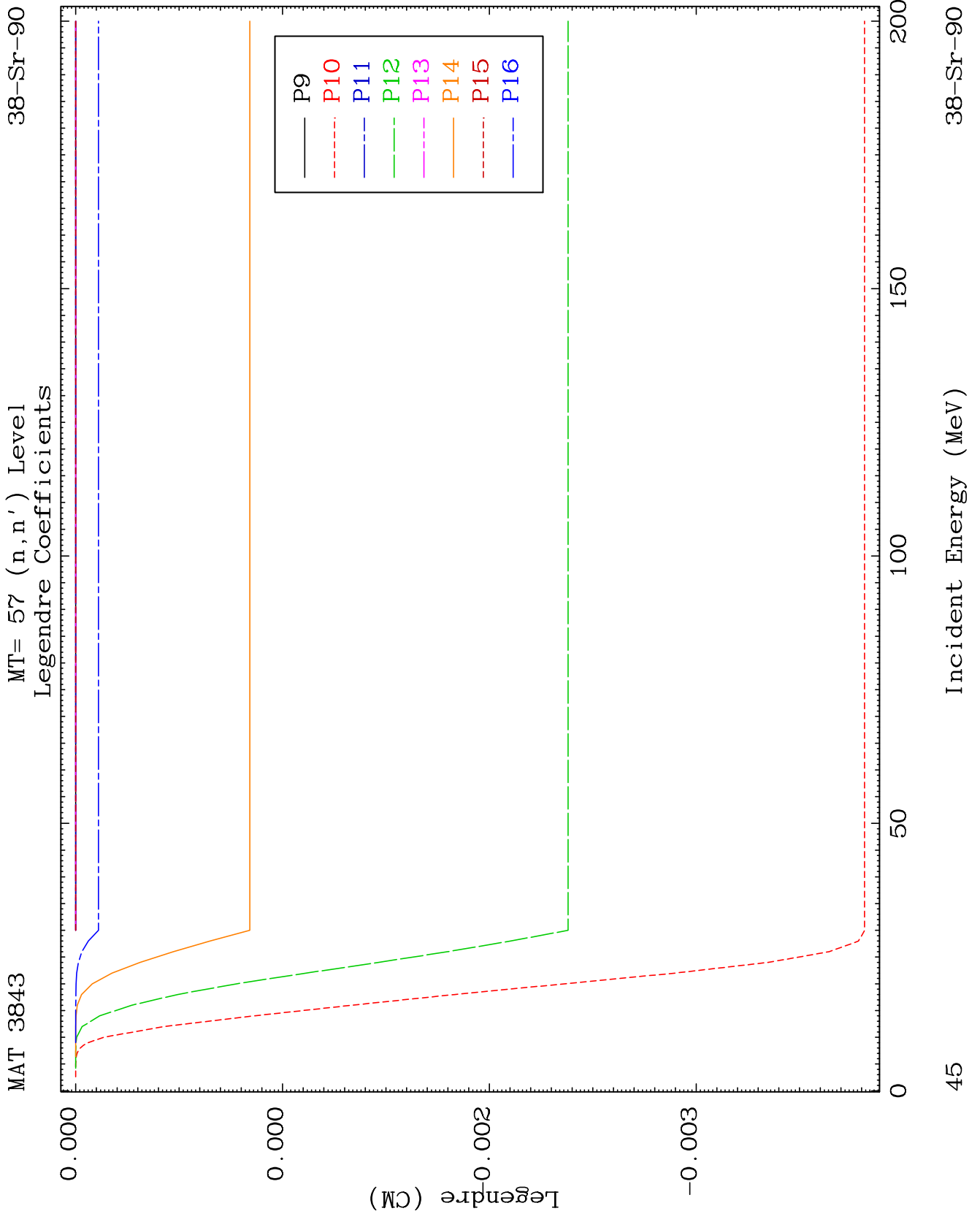
38-Sr-90



44

Incident Energy (MeV)

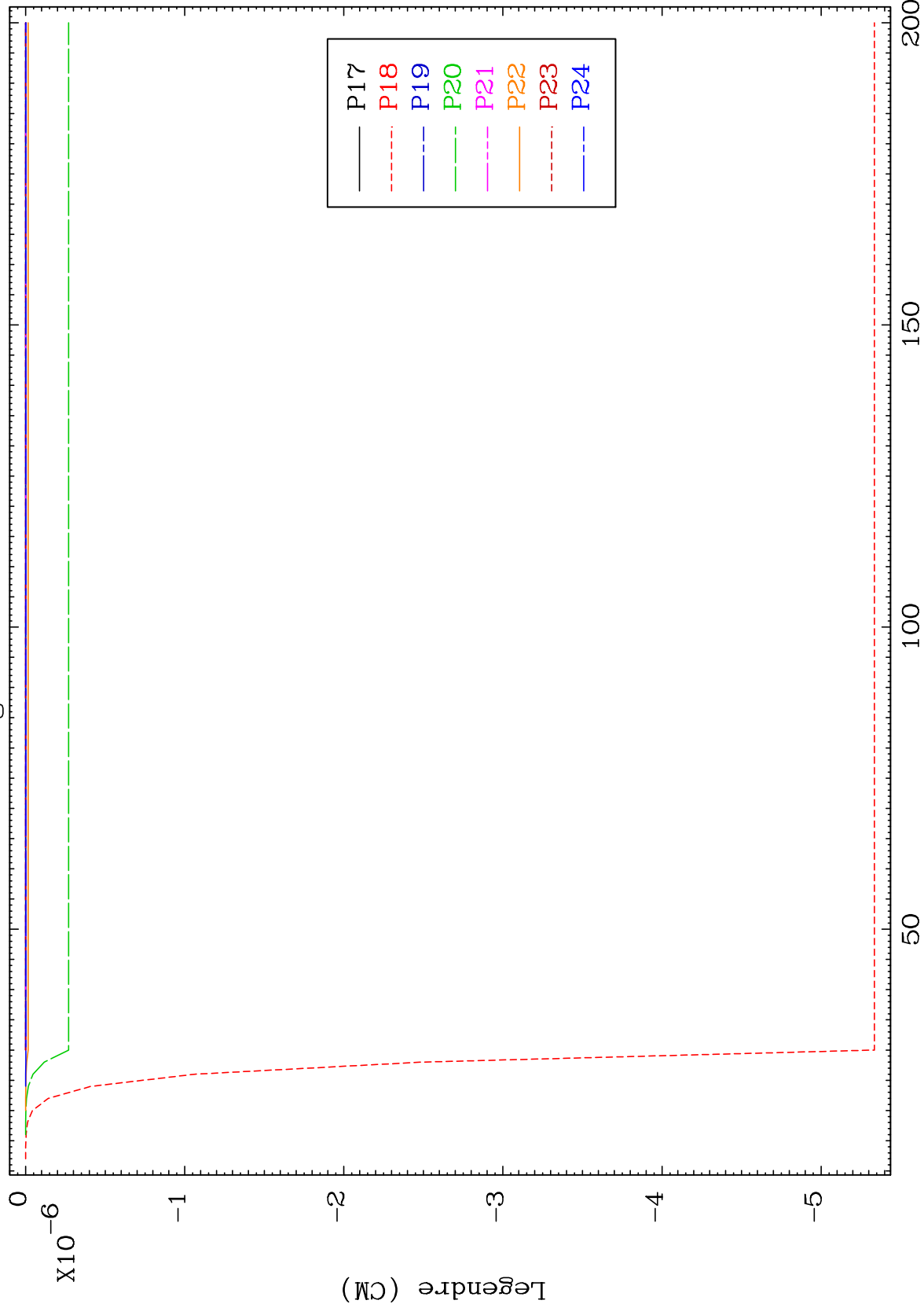
38-Sr-90



MAT 3843

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

38-Sr-90



38-Sr-90

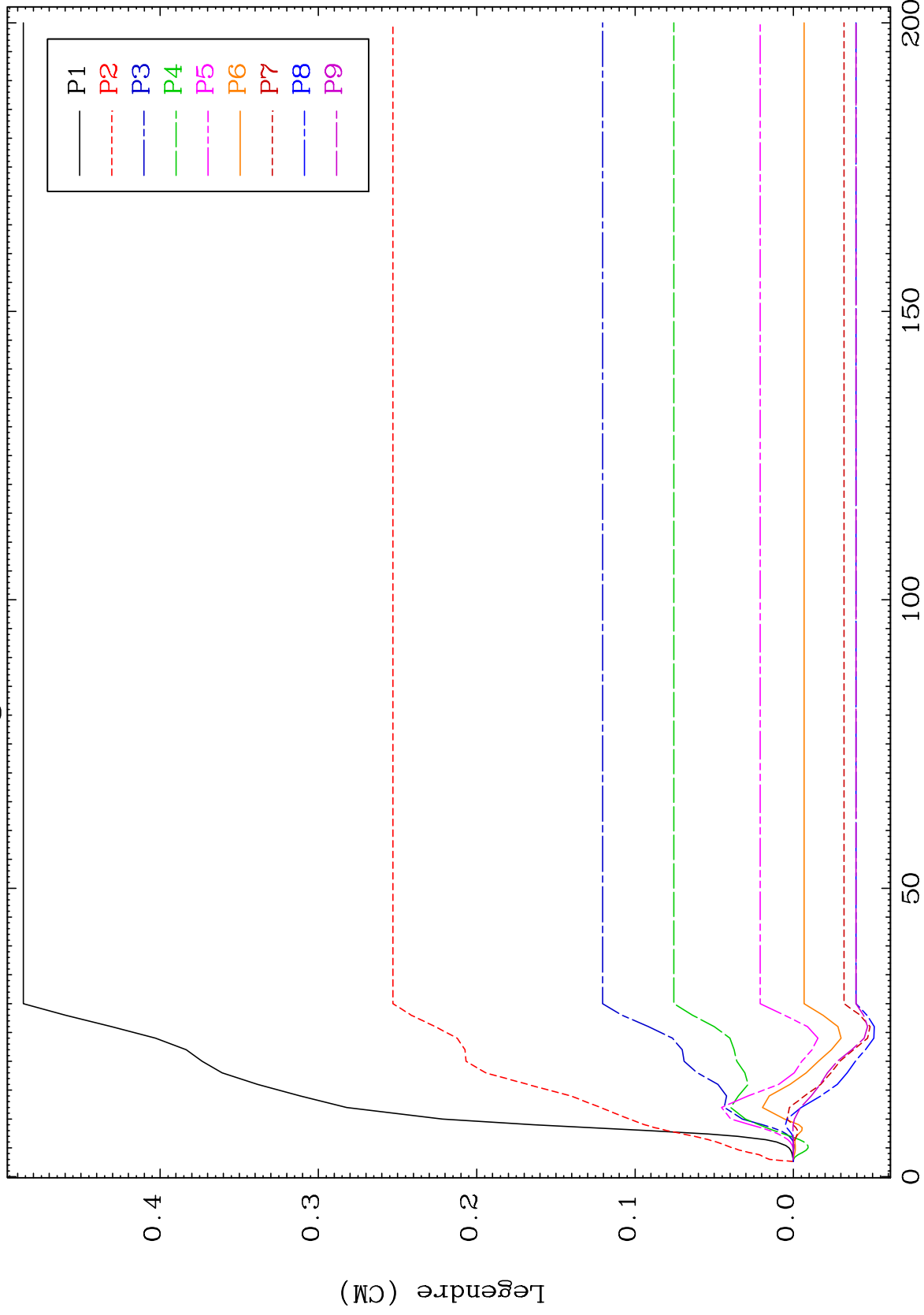
Incident Energy (MeV)

46

MAT 3843

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

38-Sr-90



47

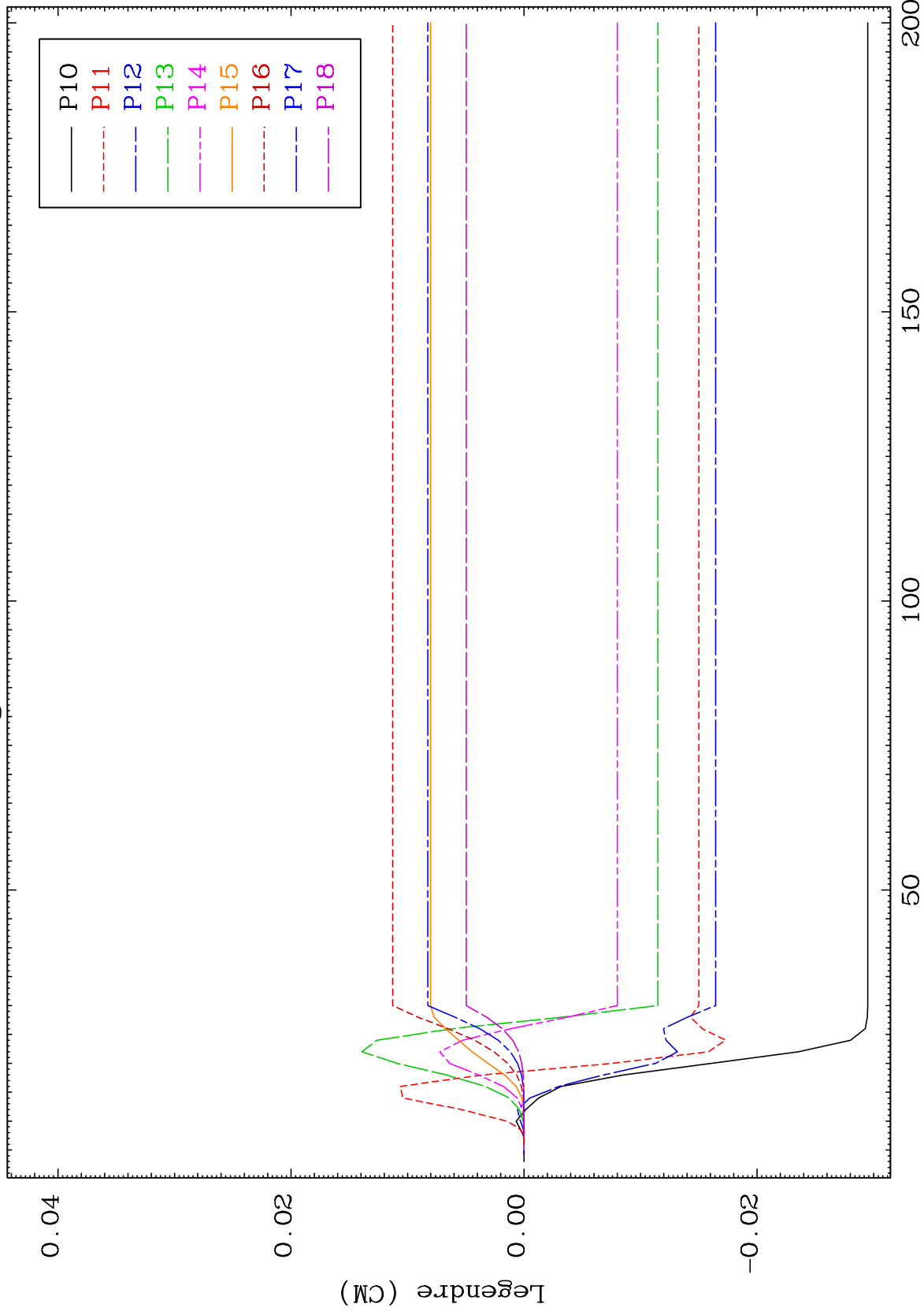
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



48

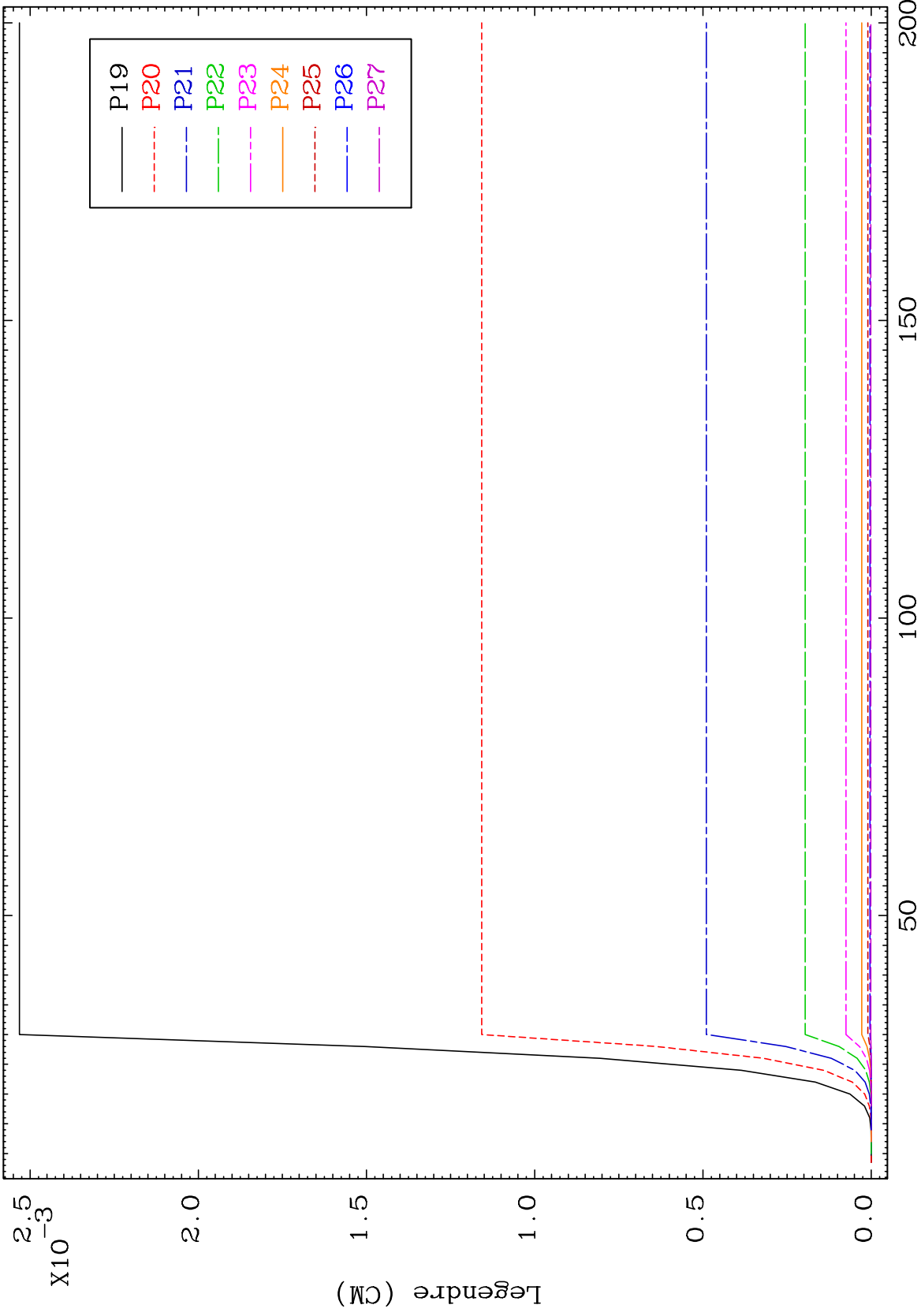
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



49

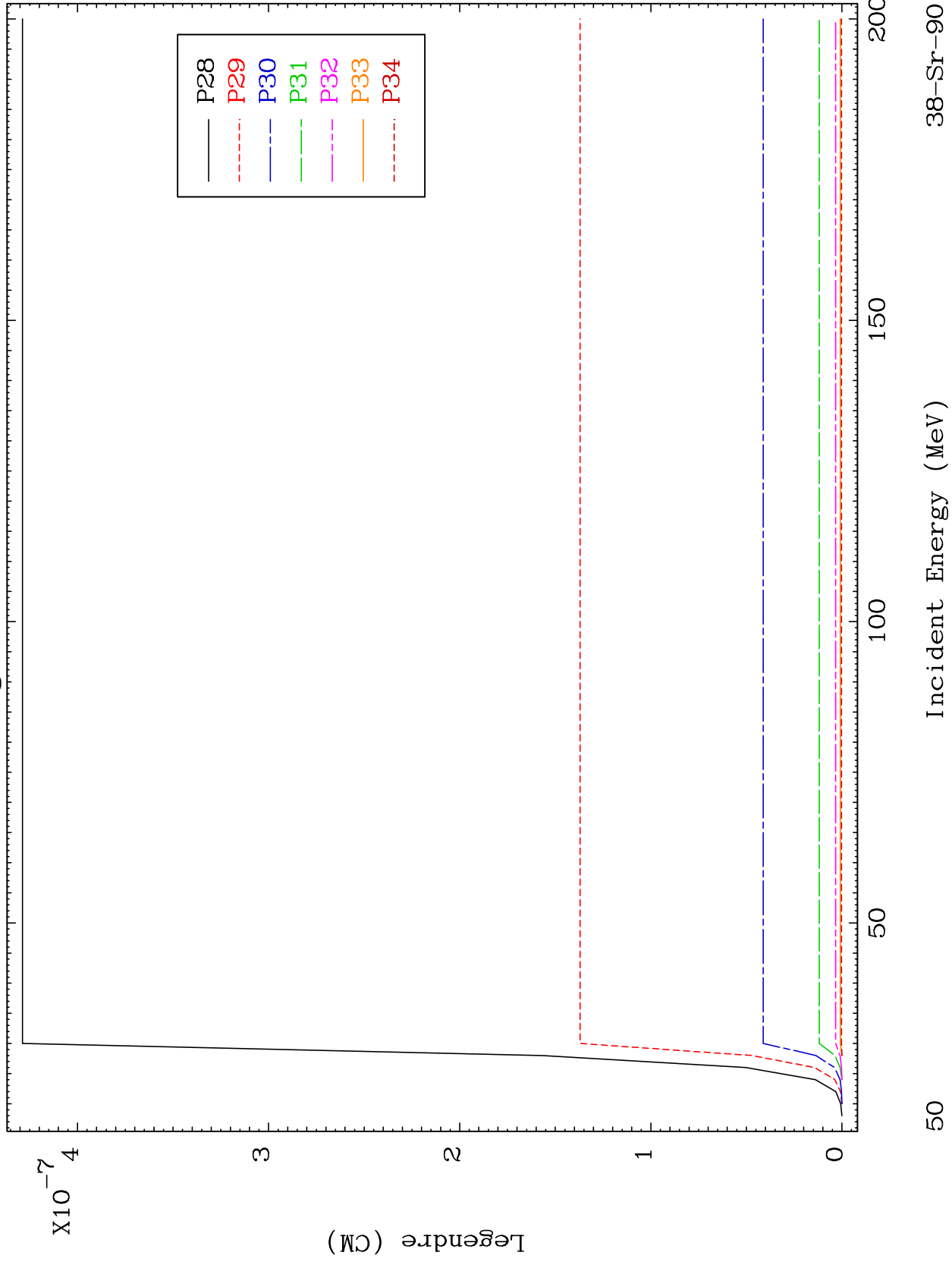
Incident Energy (MeV)

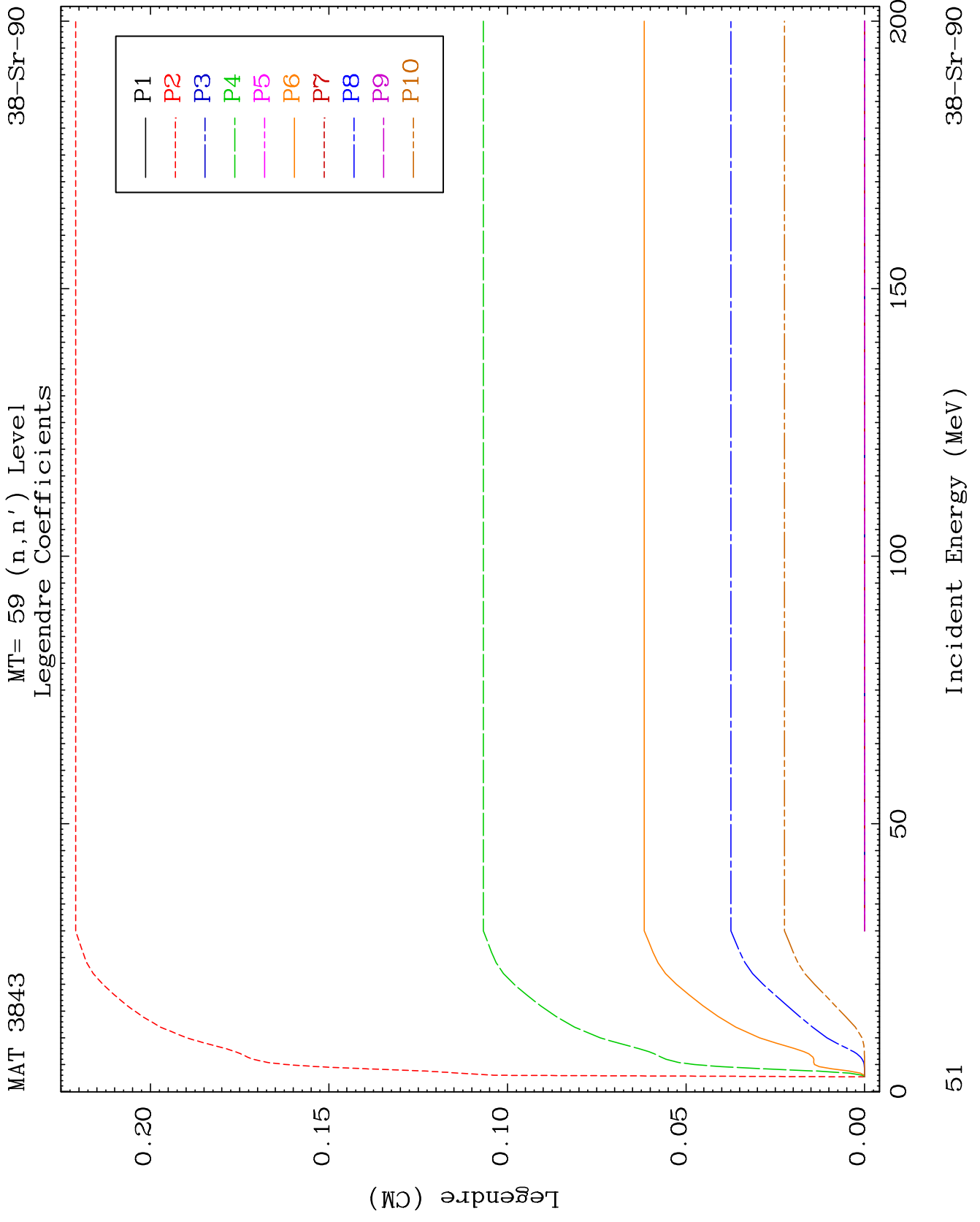
38-Sr-90

MAT 3843

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

38-Sr-90

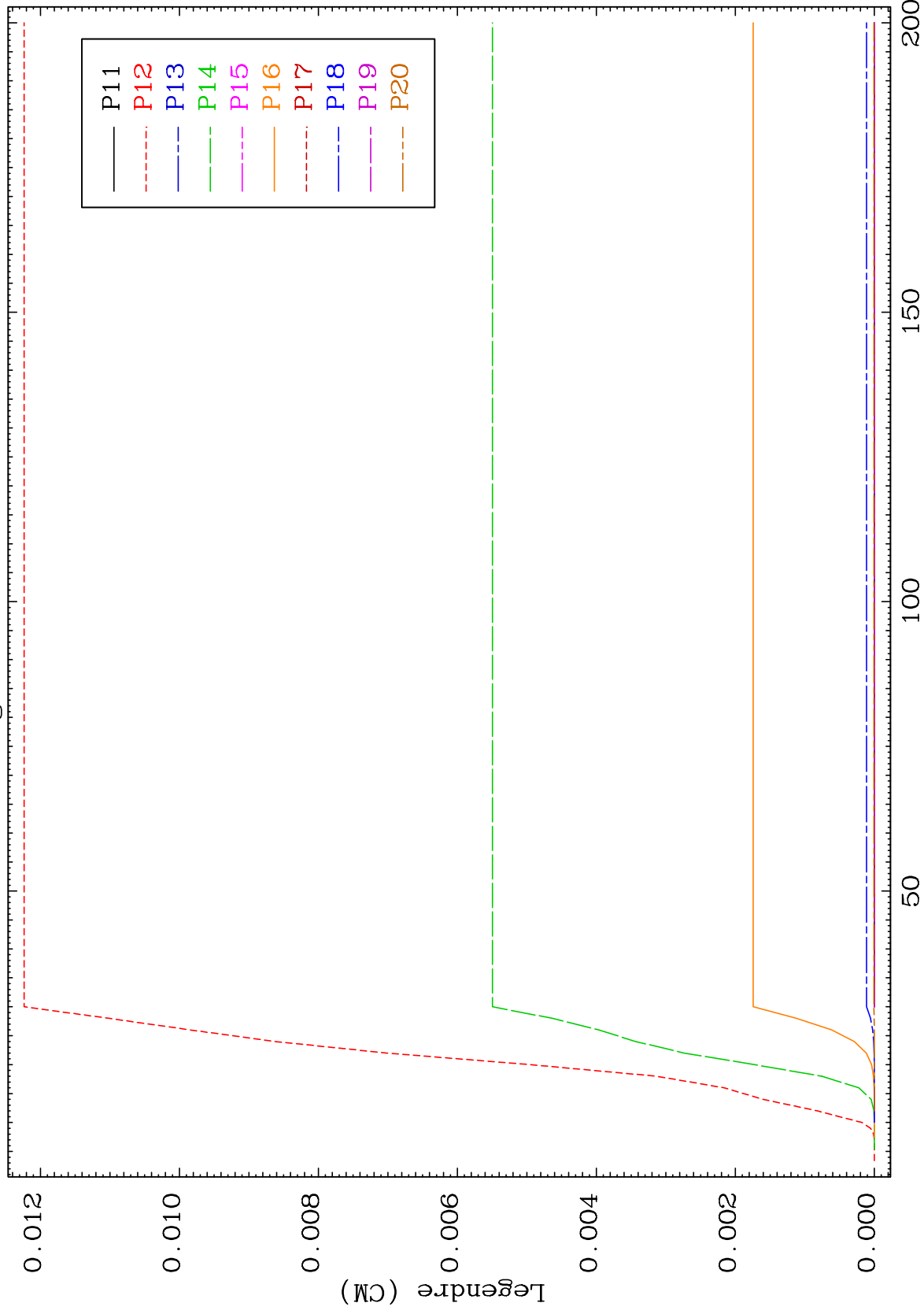




MAT 3843

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

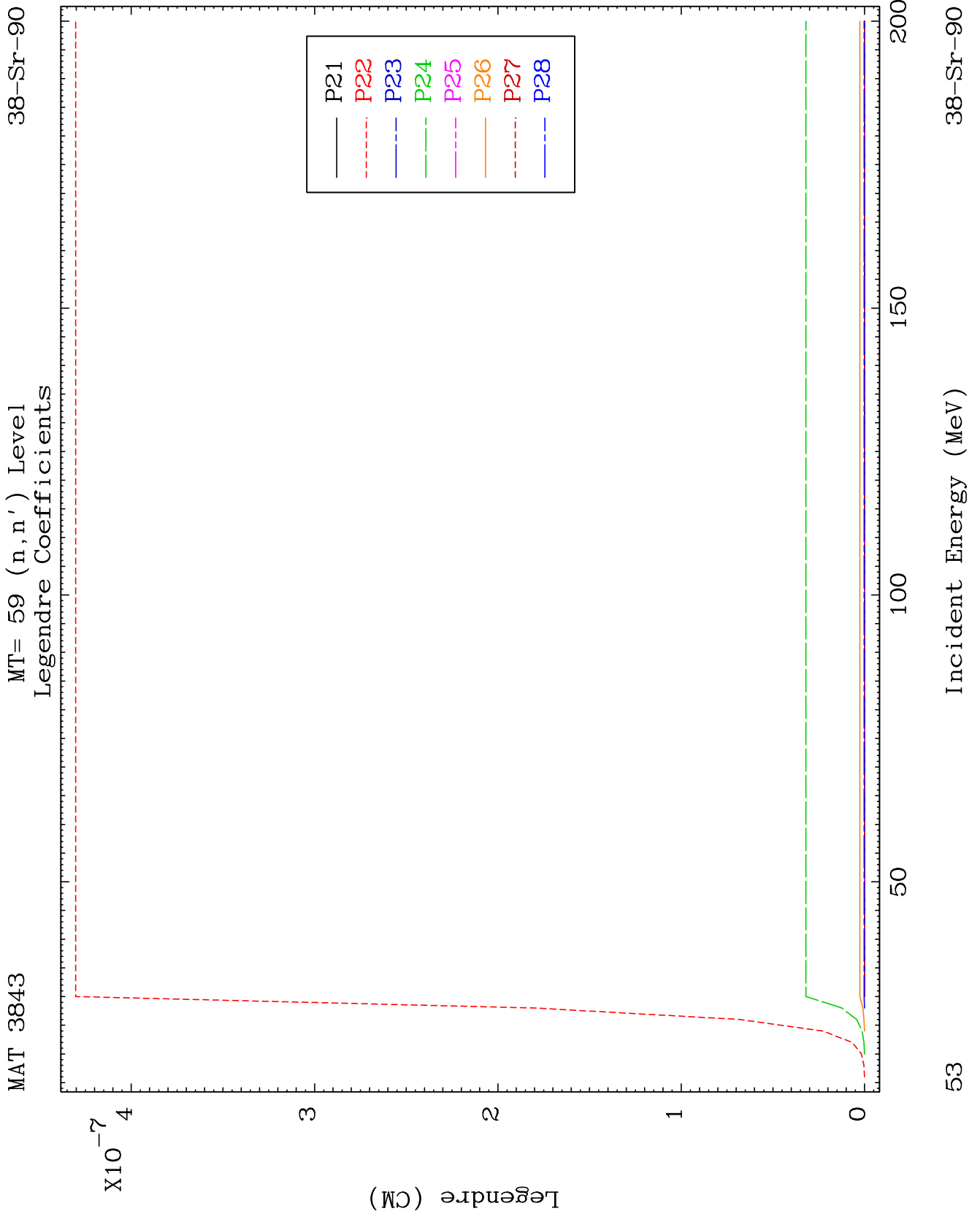
38-Sr-90

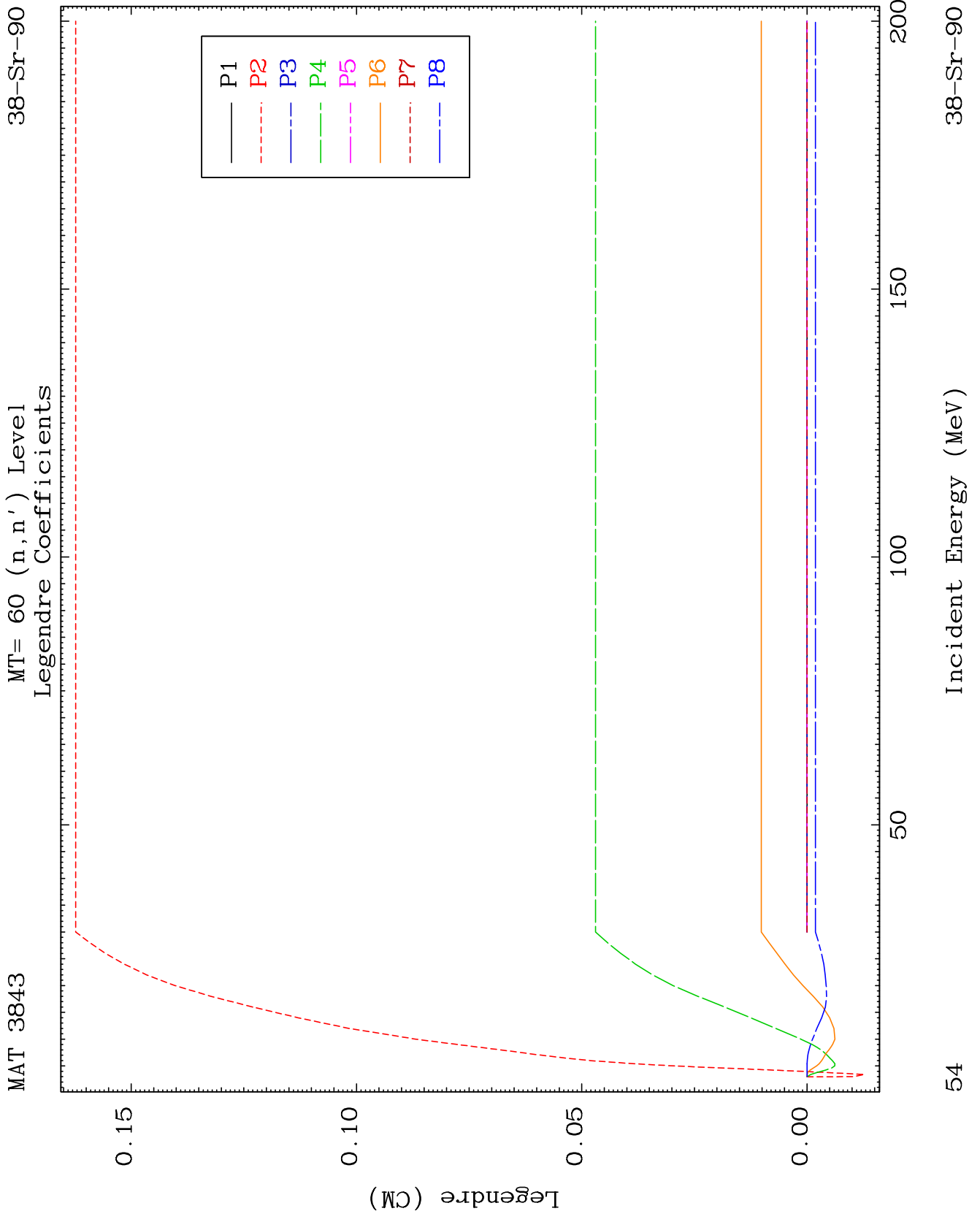


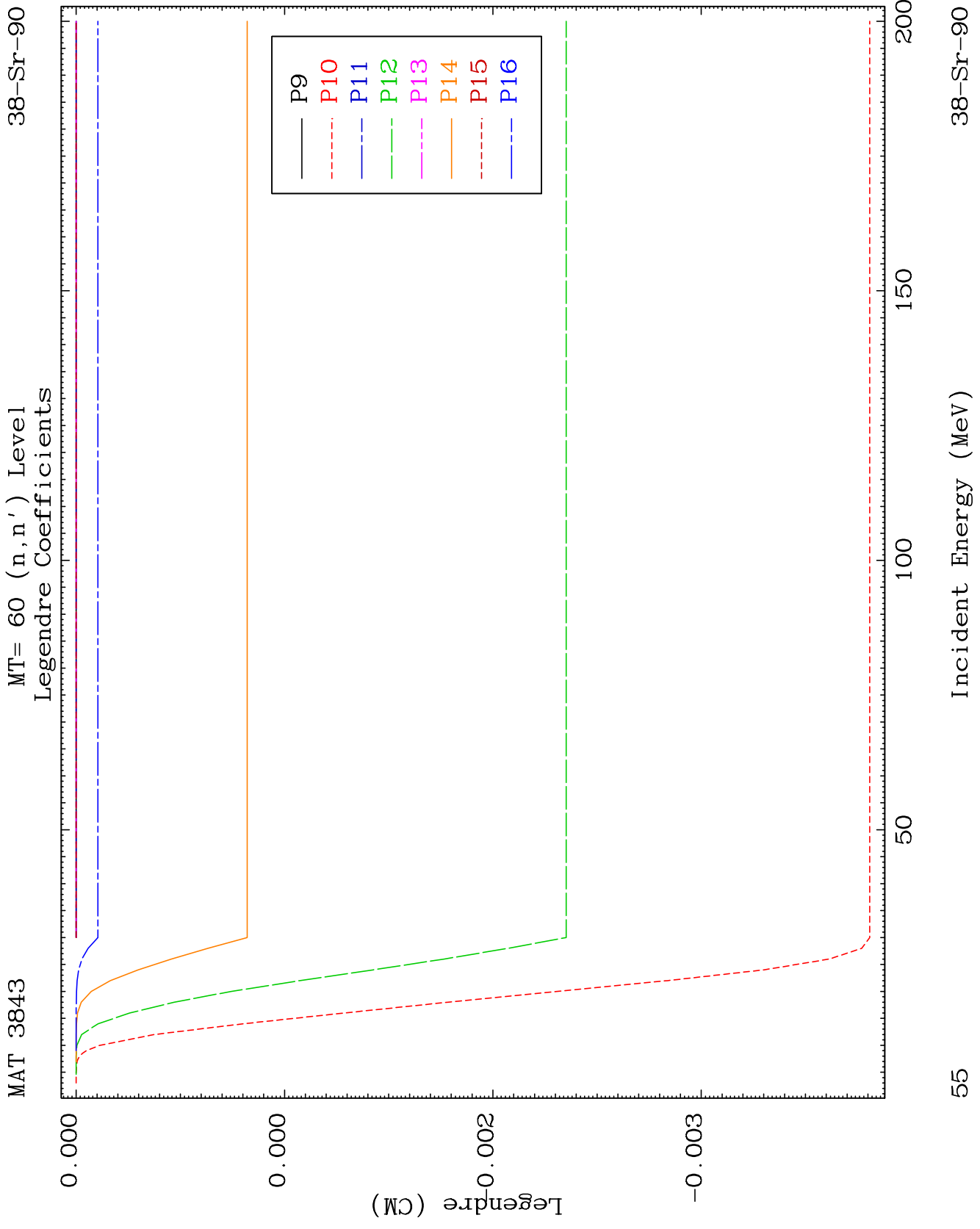
52

Incident Energy (MeV)

38-Sr-90



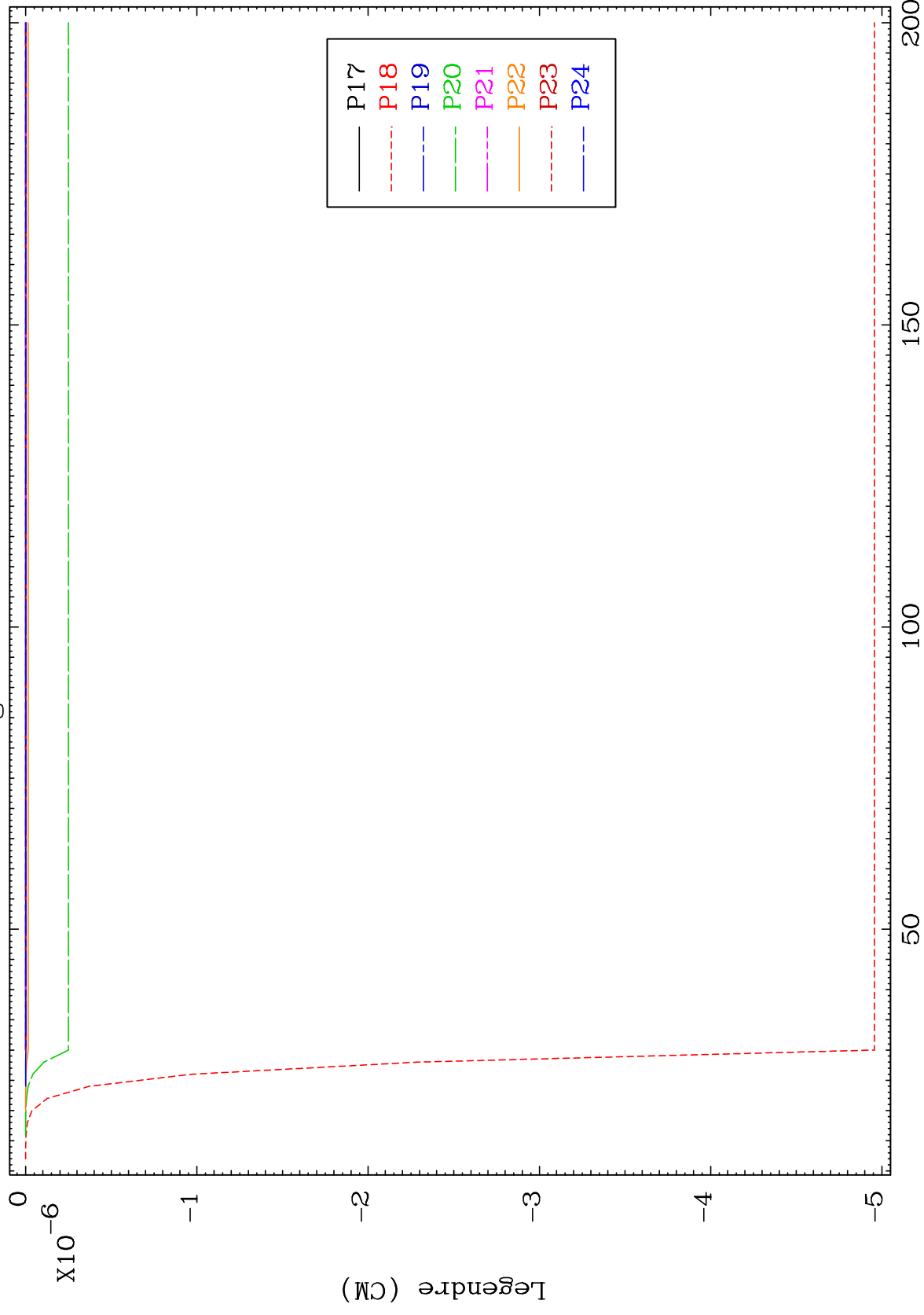




MAT 3843

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

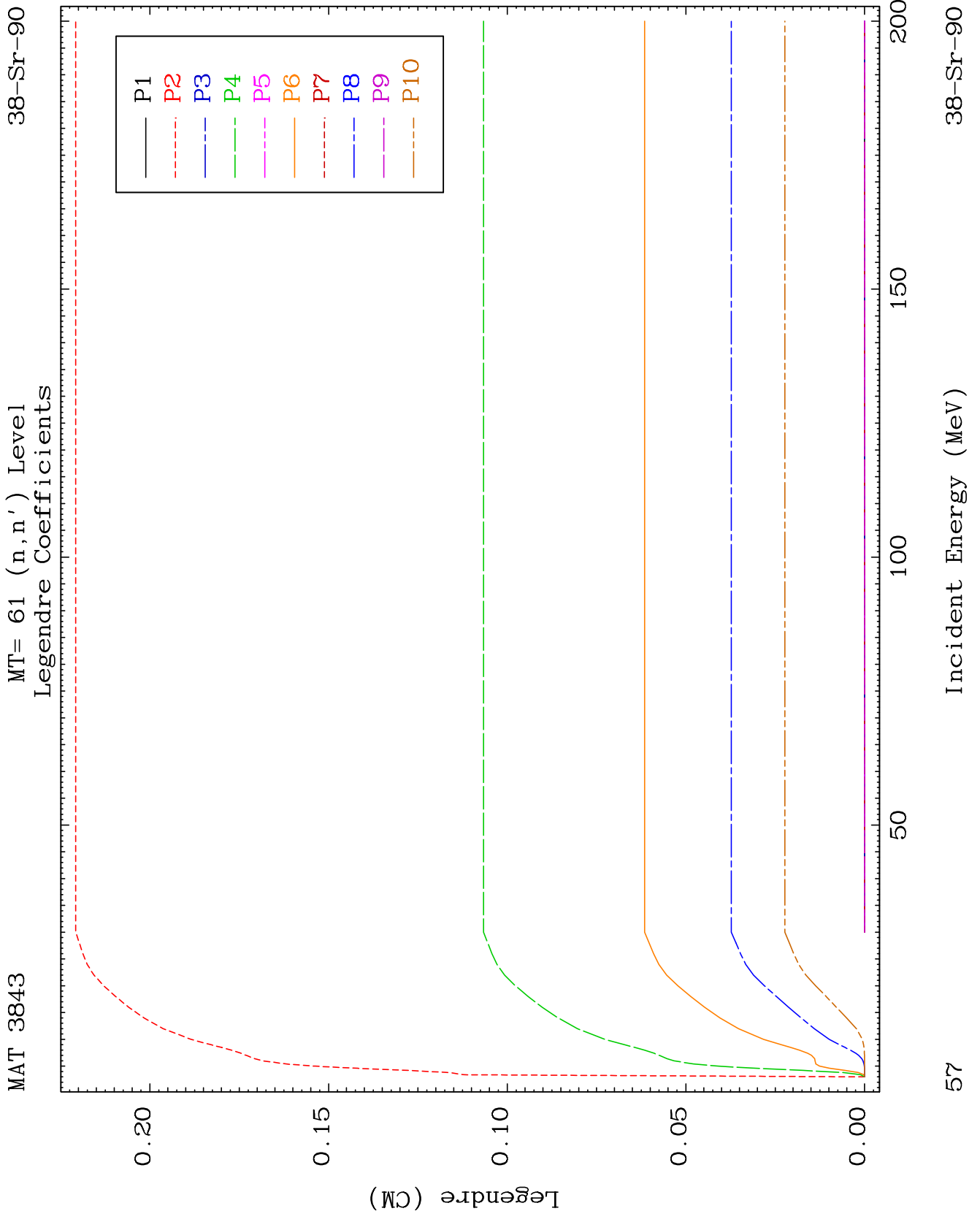
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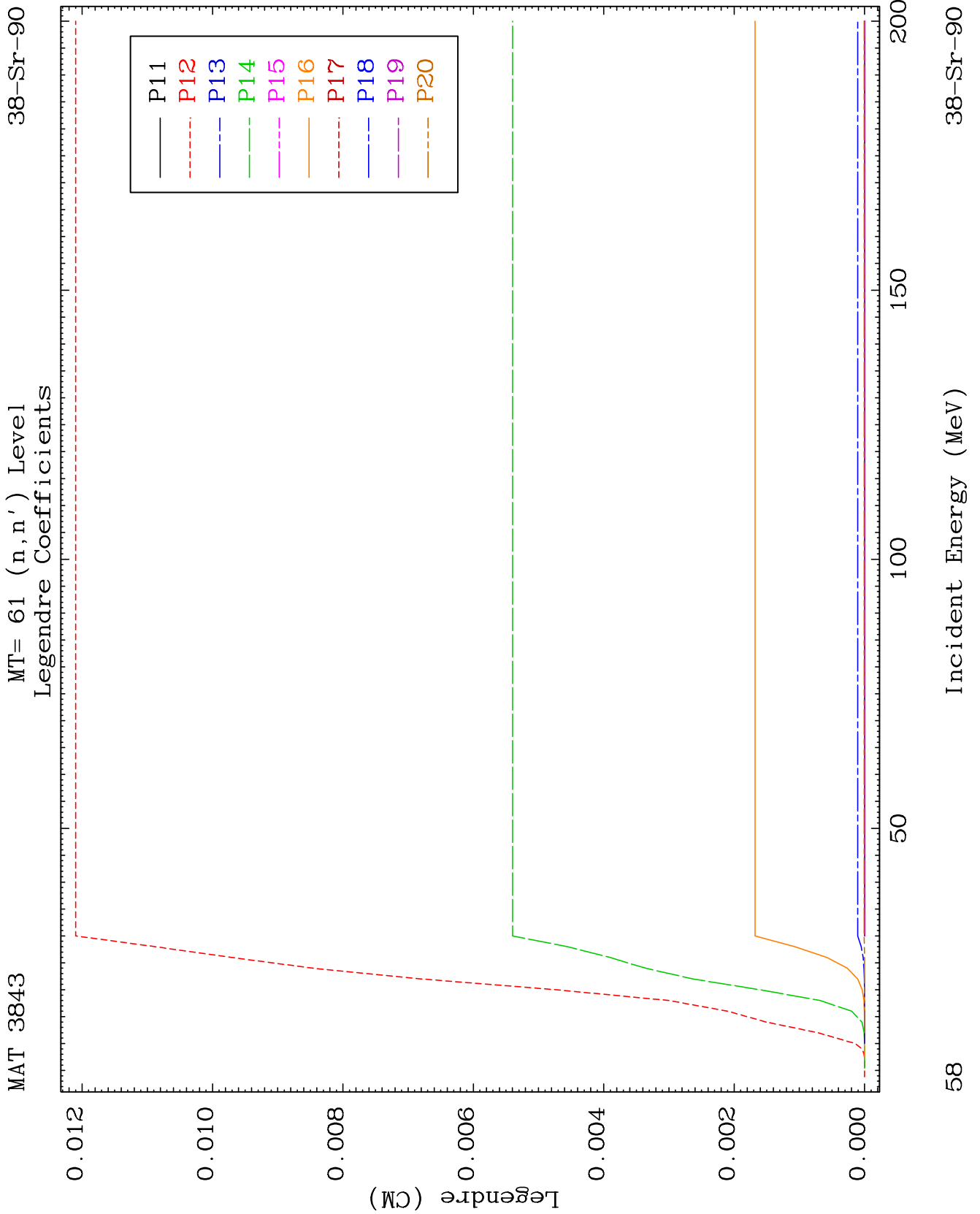


38-Sr-90

Incident Energy (MeV)

56

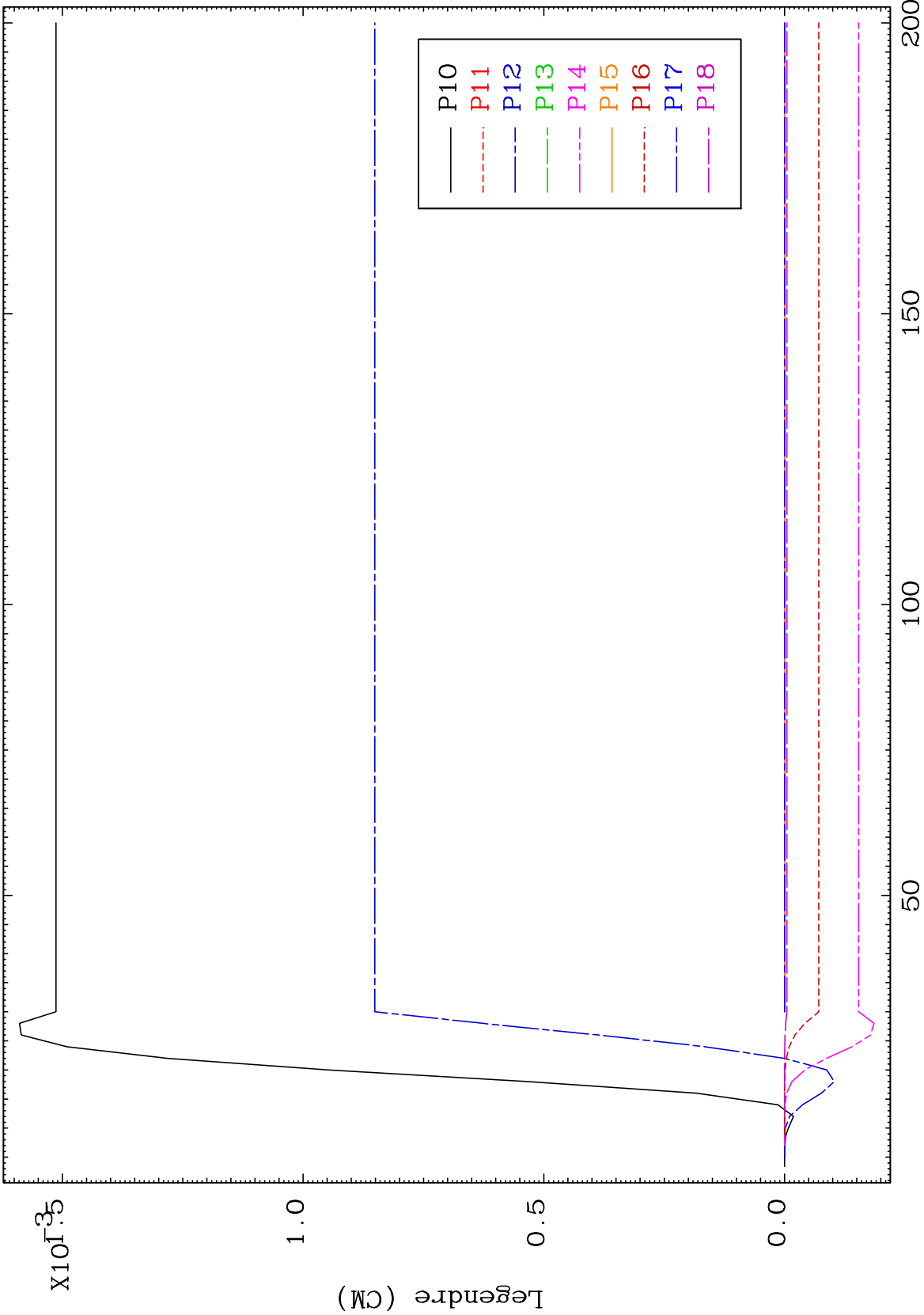




MAT 3843

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

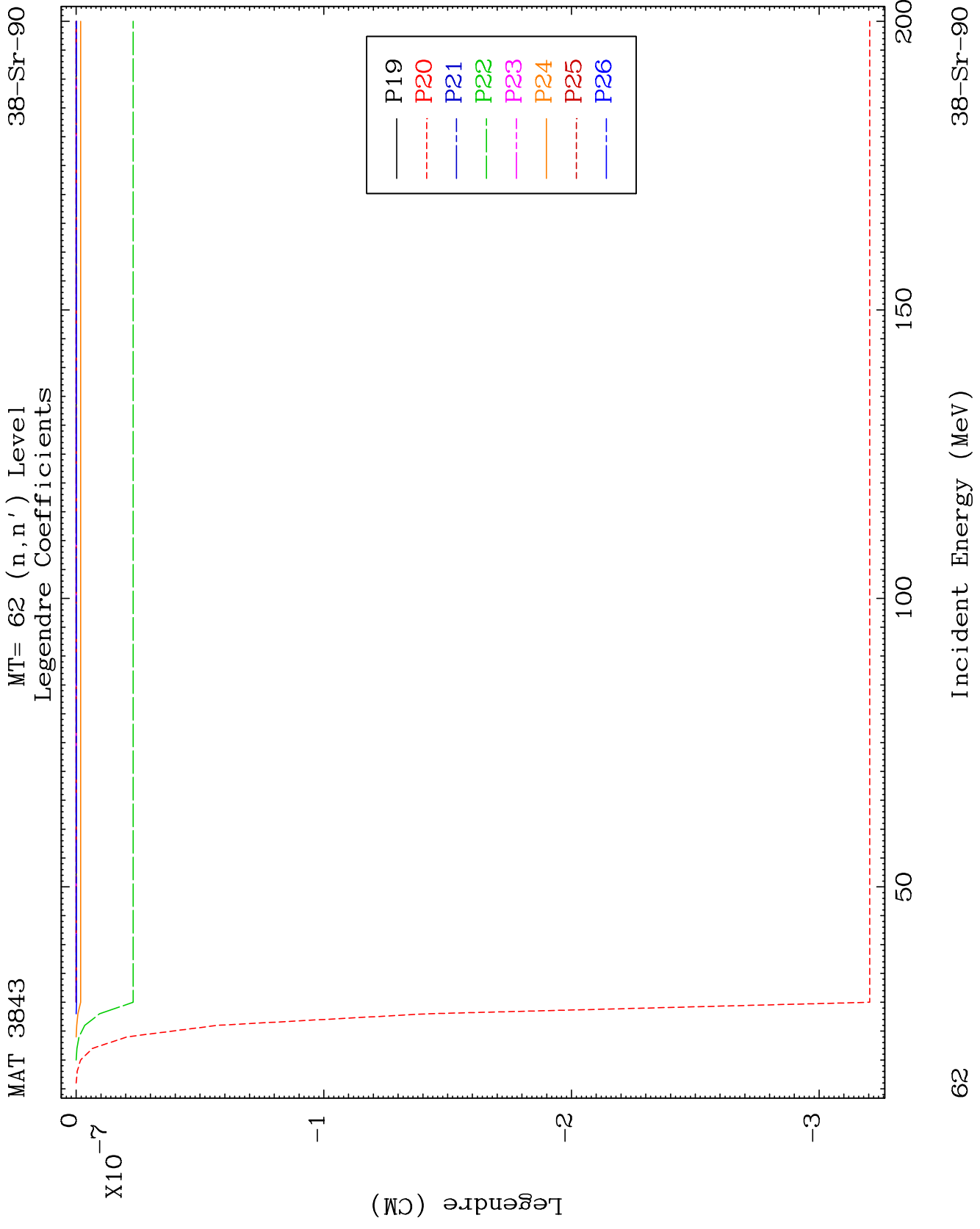
38-Sr-90



61

Incident Energy (MeV)

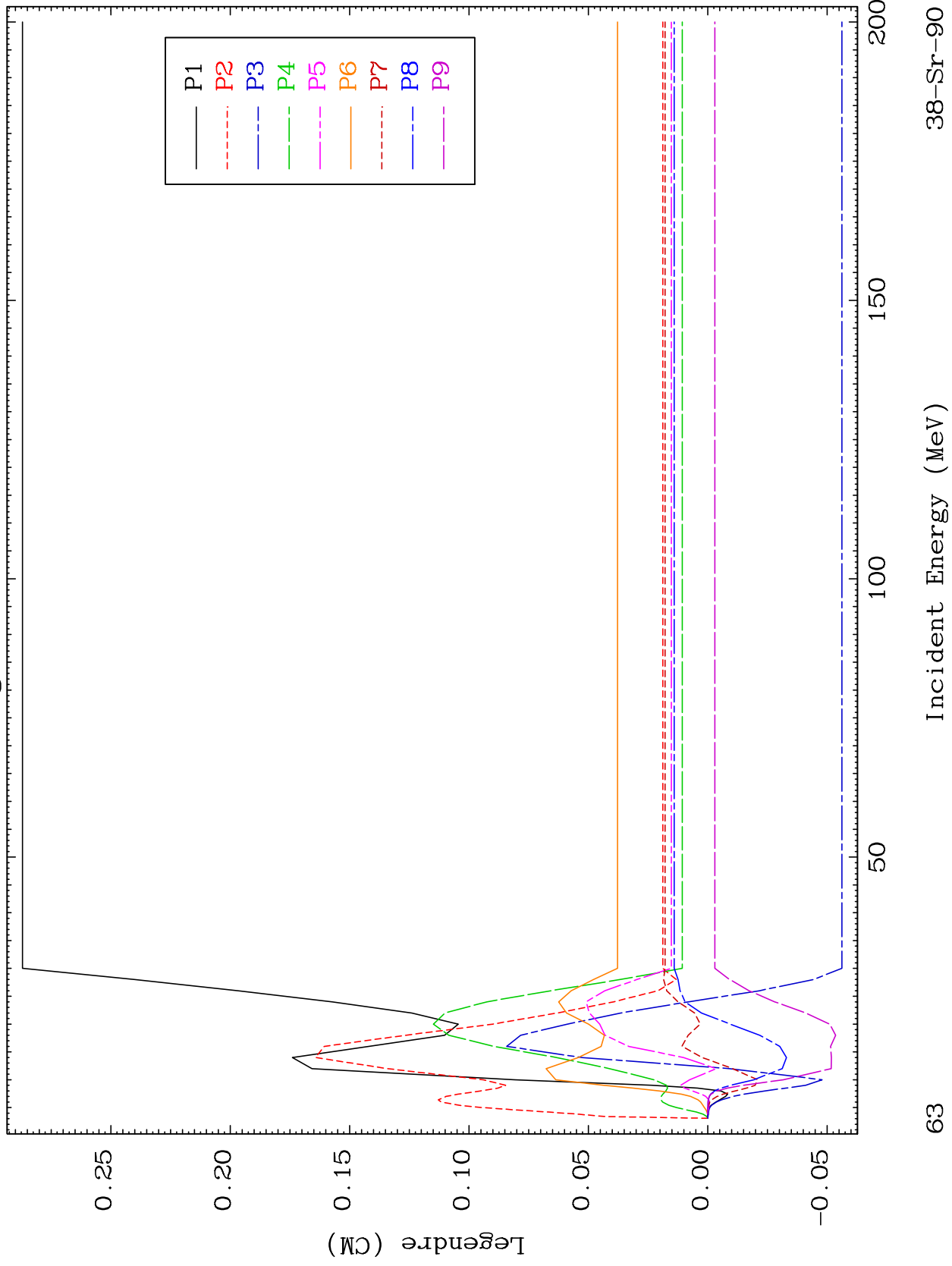
38-Sr-90



MAT 3843

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

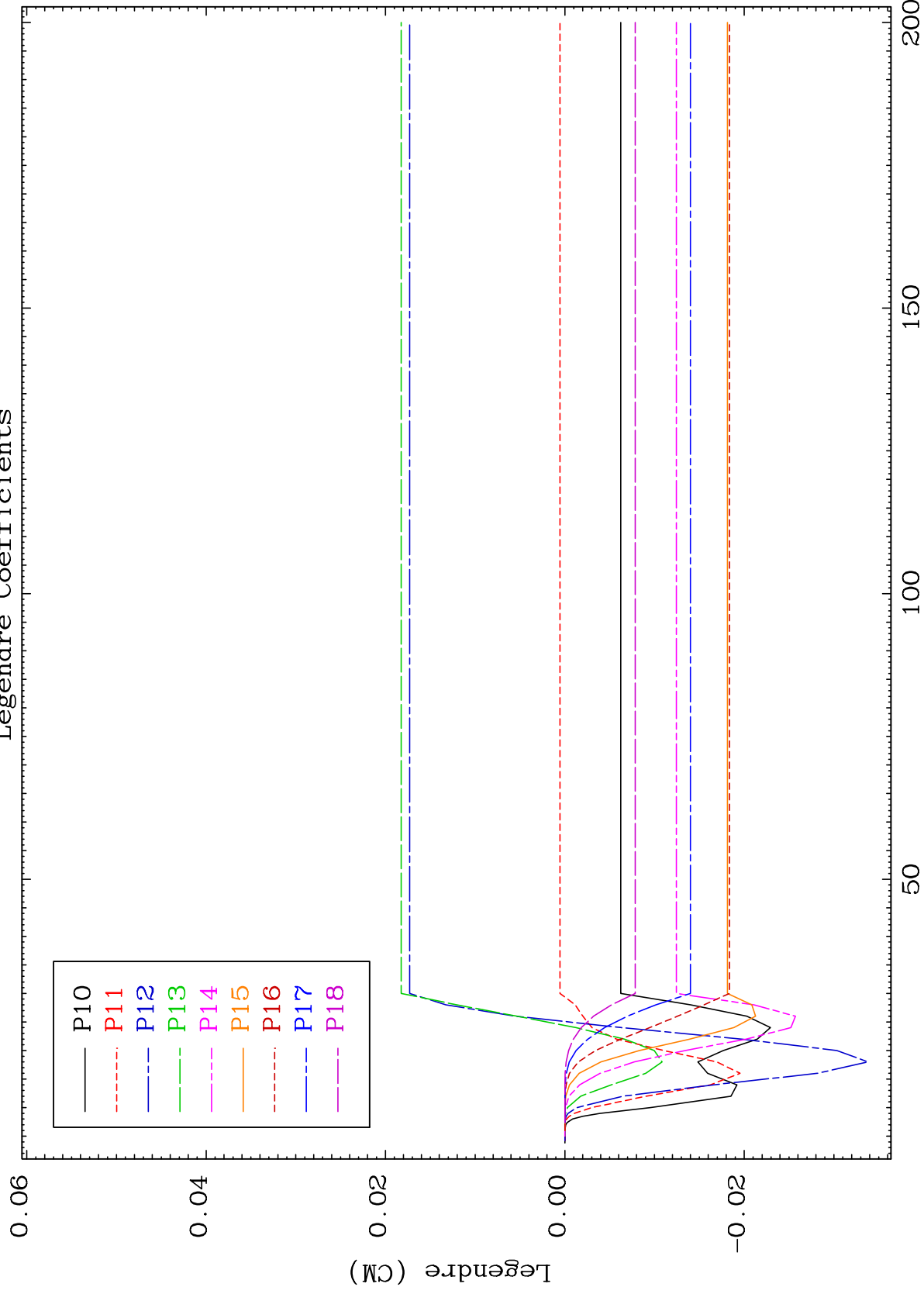
38-Sr-90



MAT 3843

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

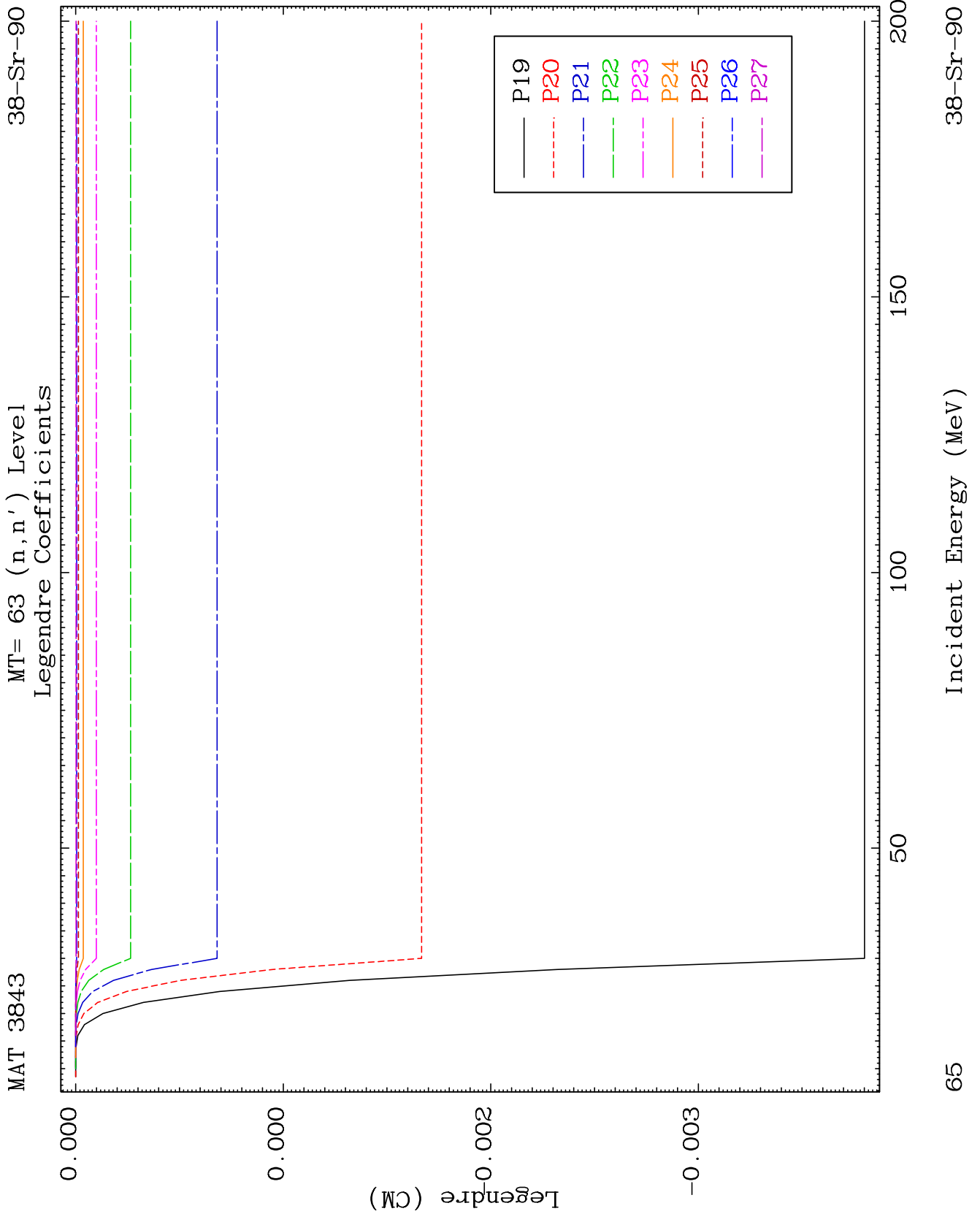
38-Sr-90



64

Incident Energy (MeV)

38-Sr-90

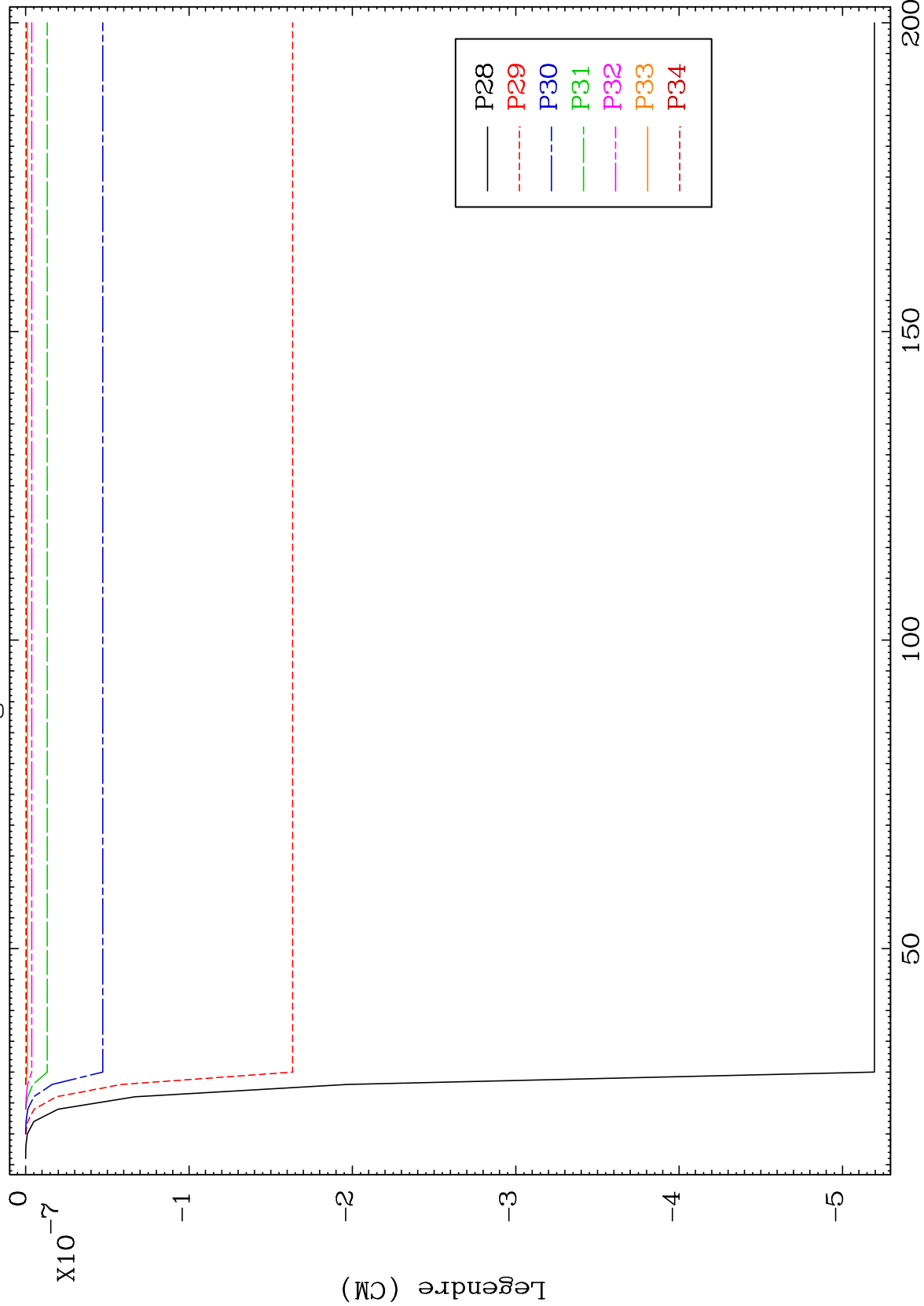


MAT 3843

MT= 63 (n,n') Level

38-Sr-90

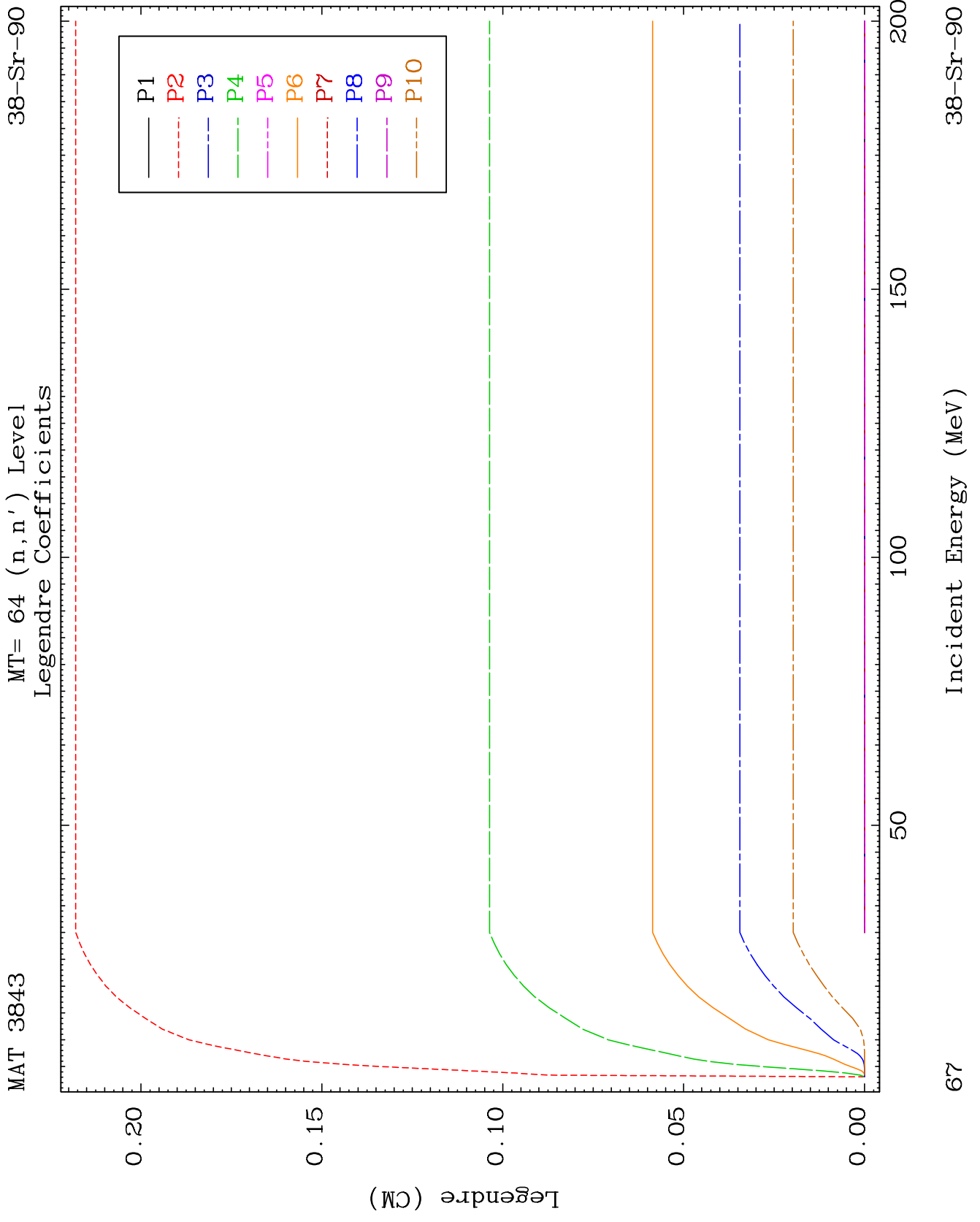
Legendre Coefficients



66

Incident Energy (MeV)

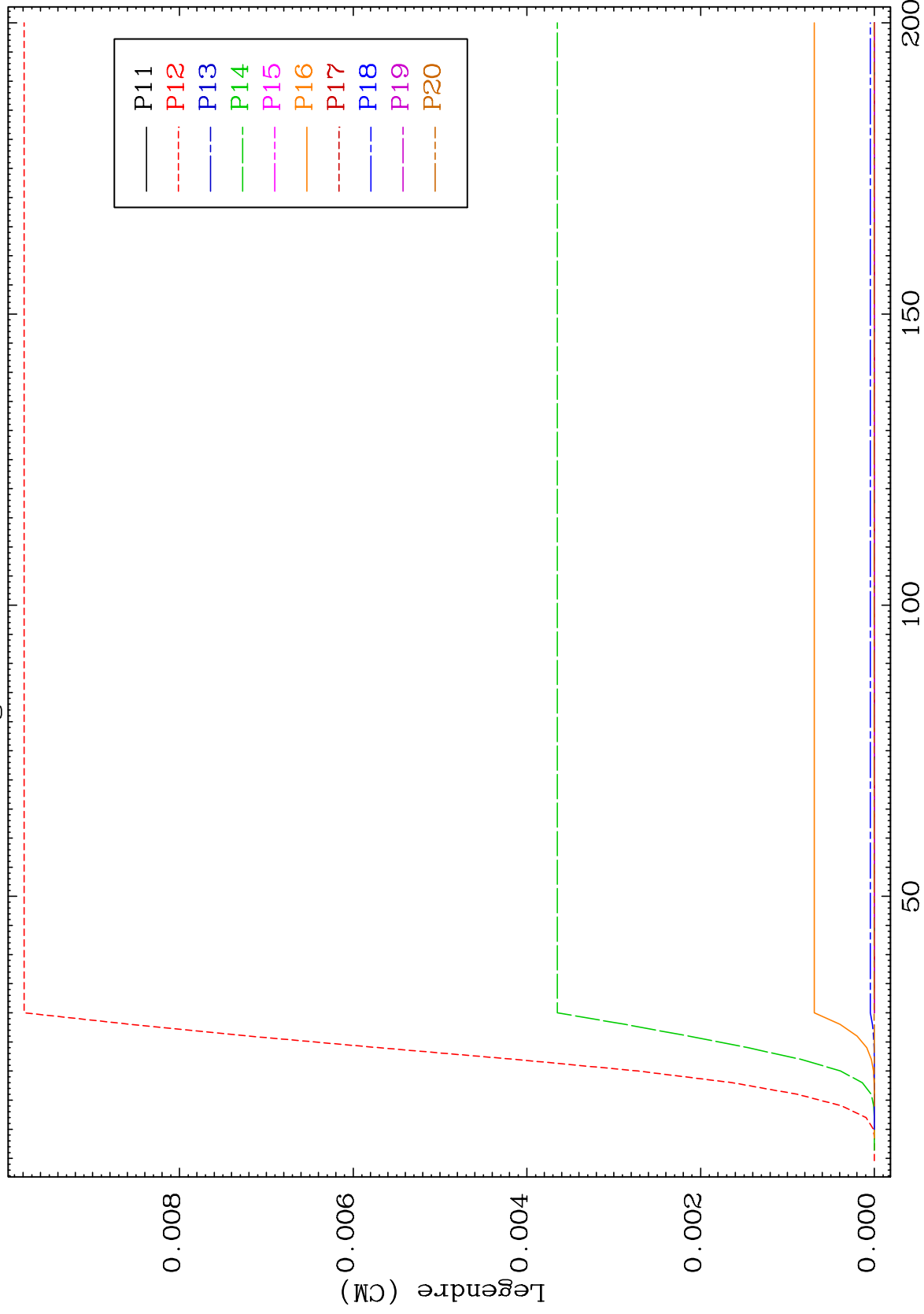
38-Sr-90



MAT 3843

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

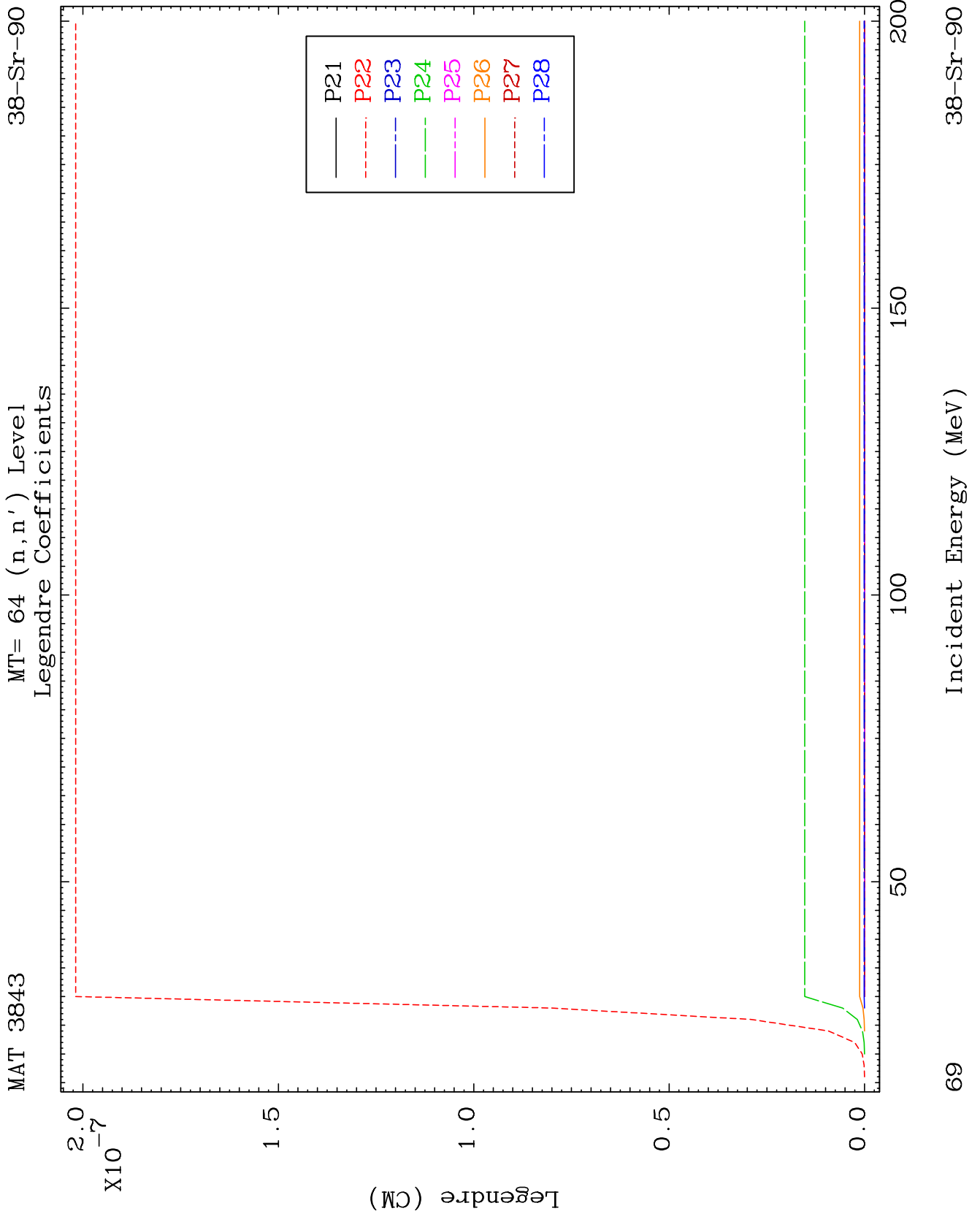
38-Sr-90

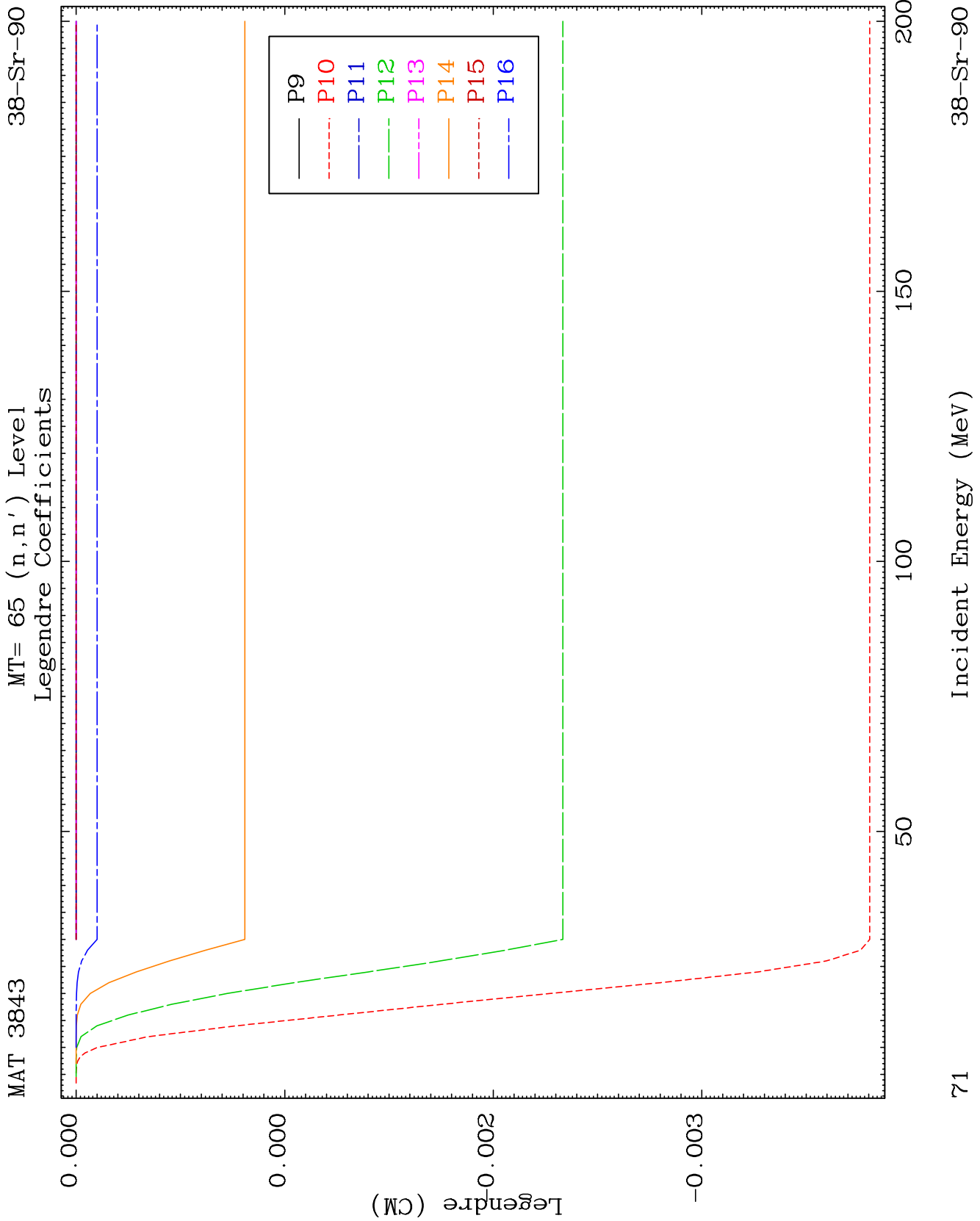


68

Incident Energy (MeV)

38-Sr-90

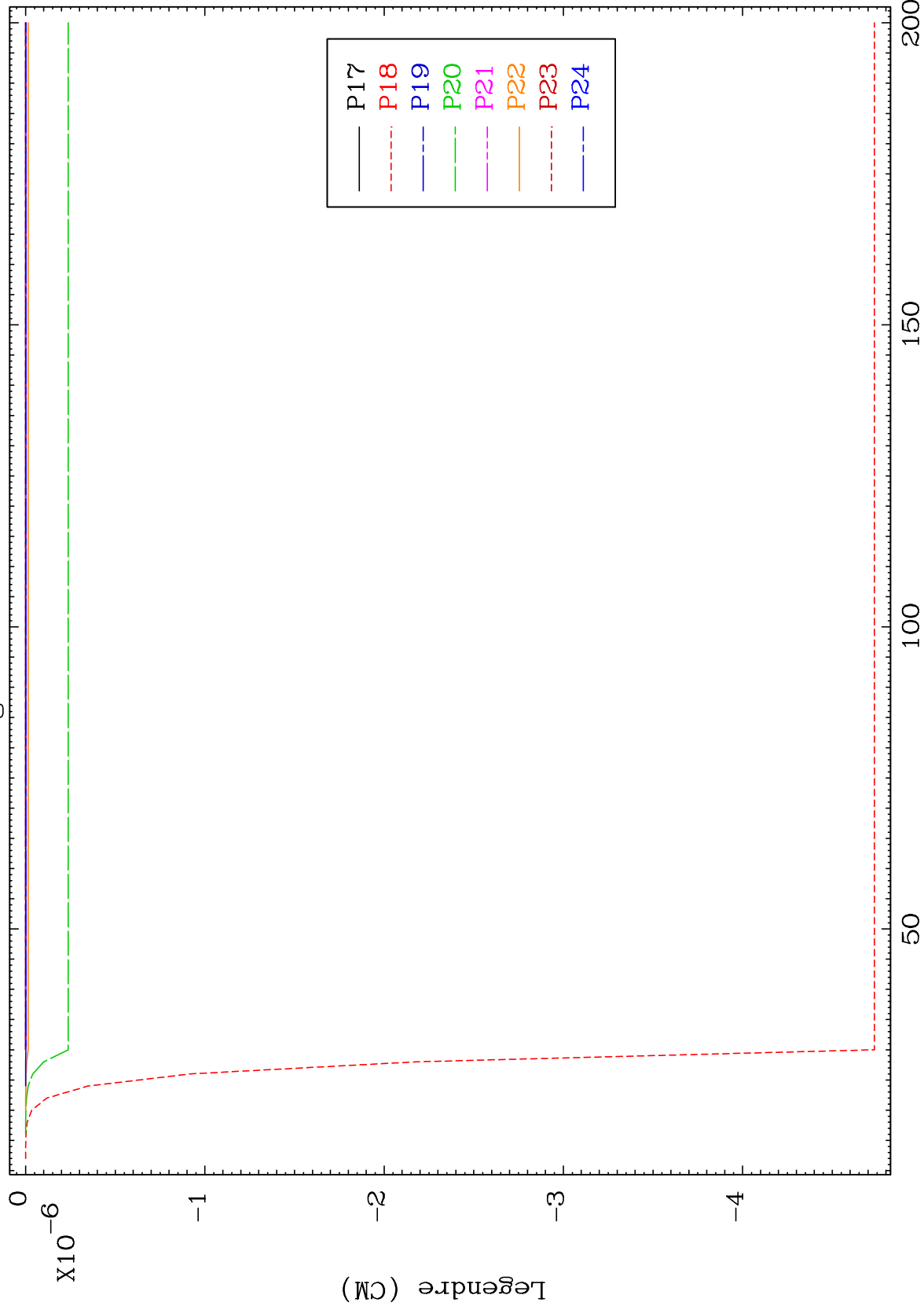




MAT 3843

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

38-Sr-90



72

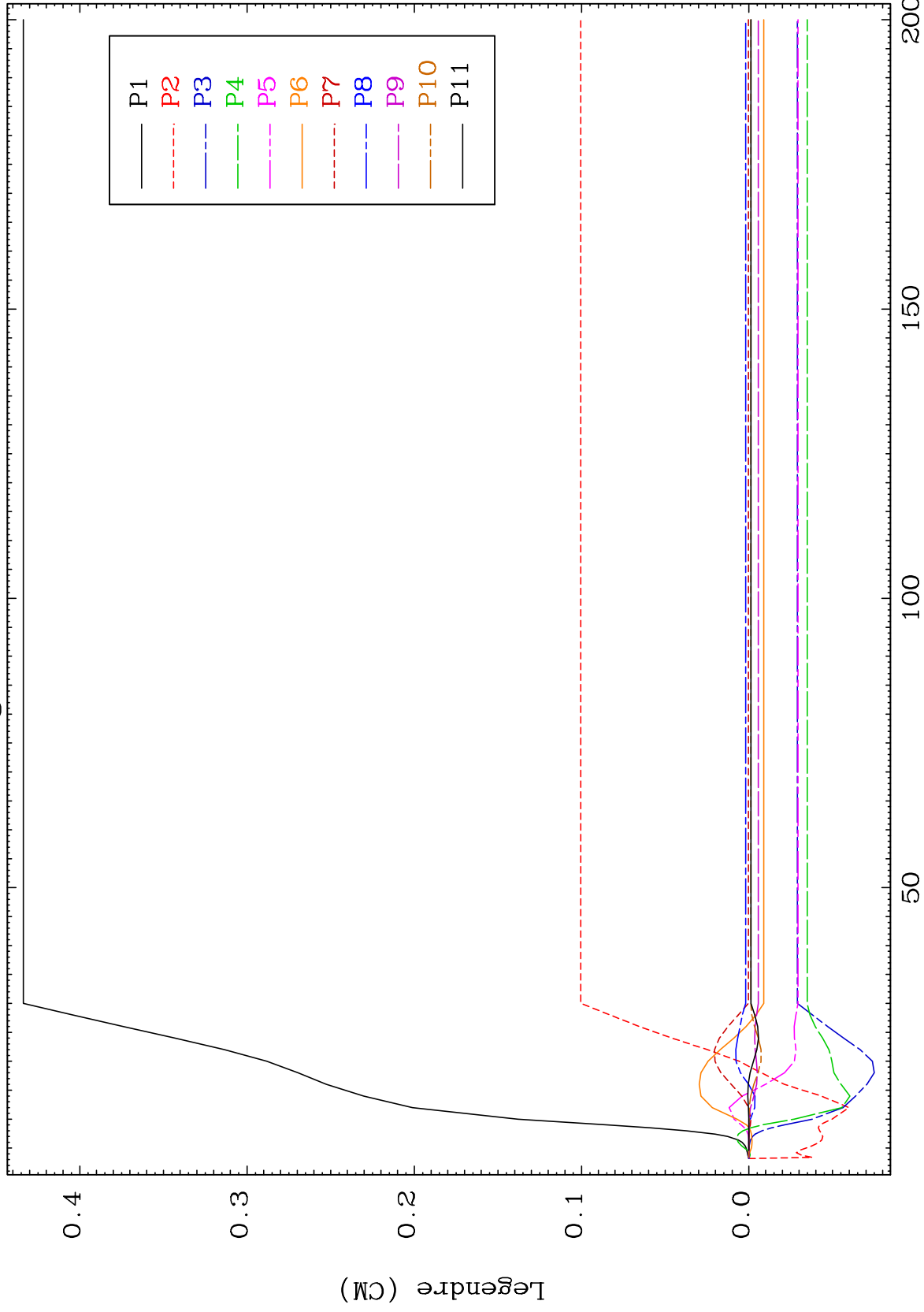
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



73

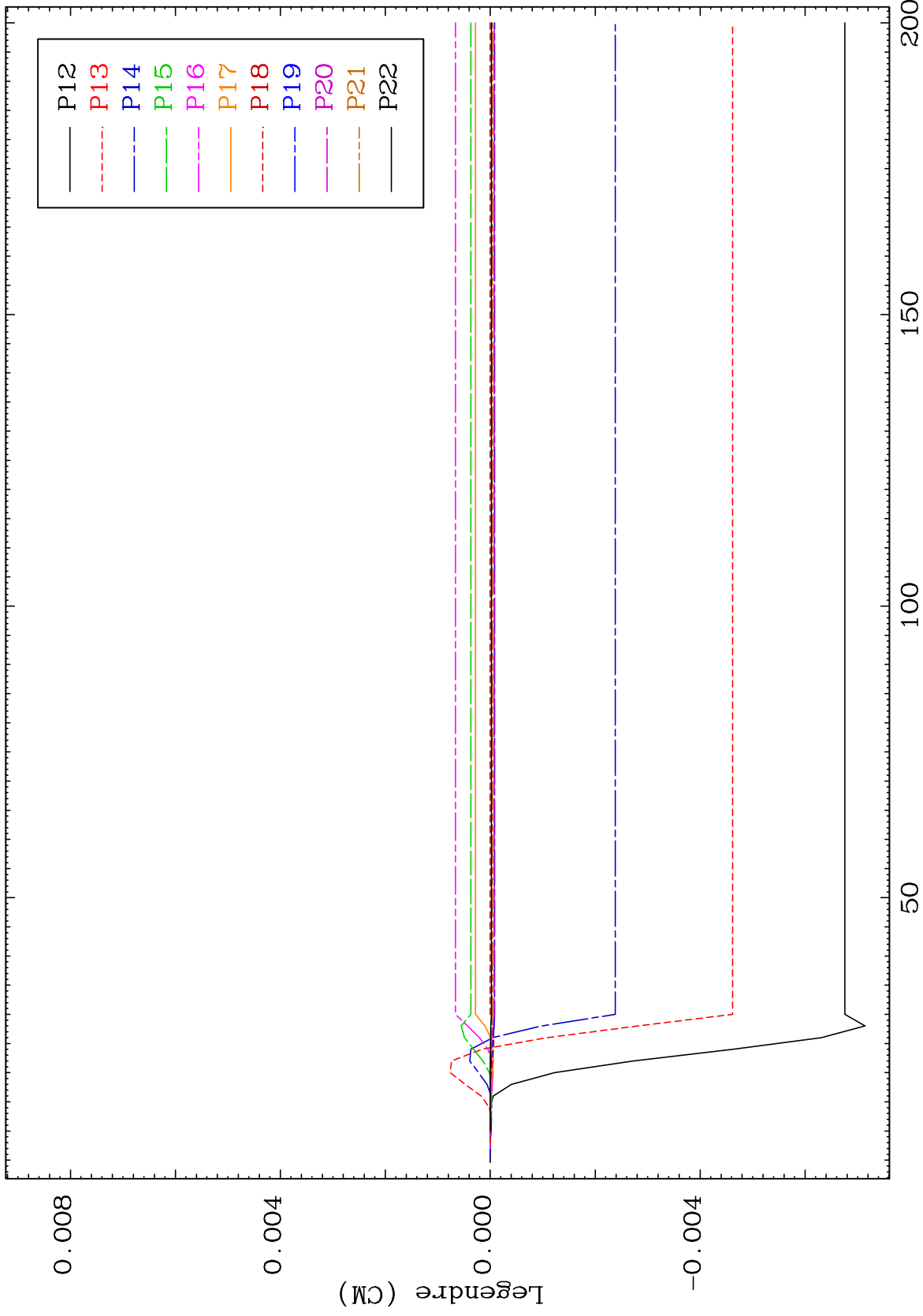
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



74

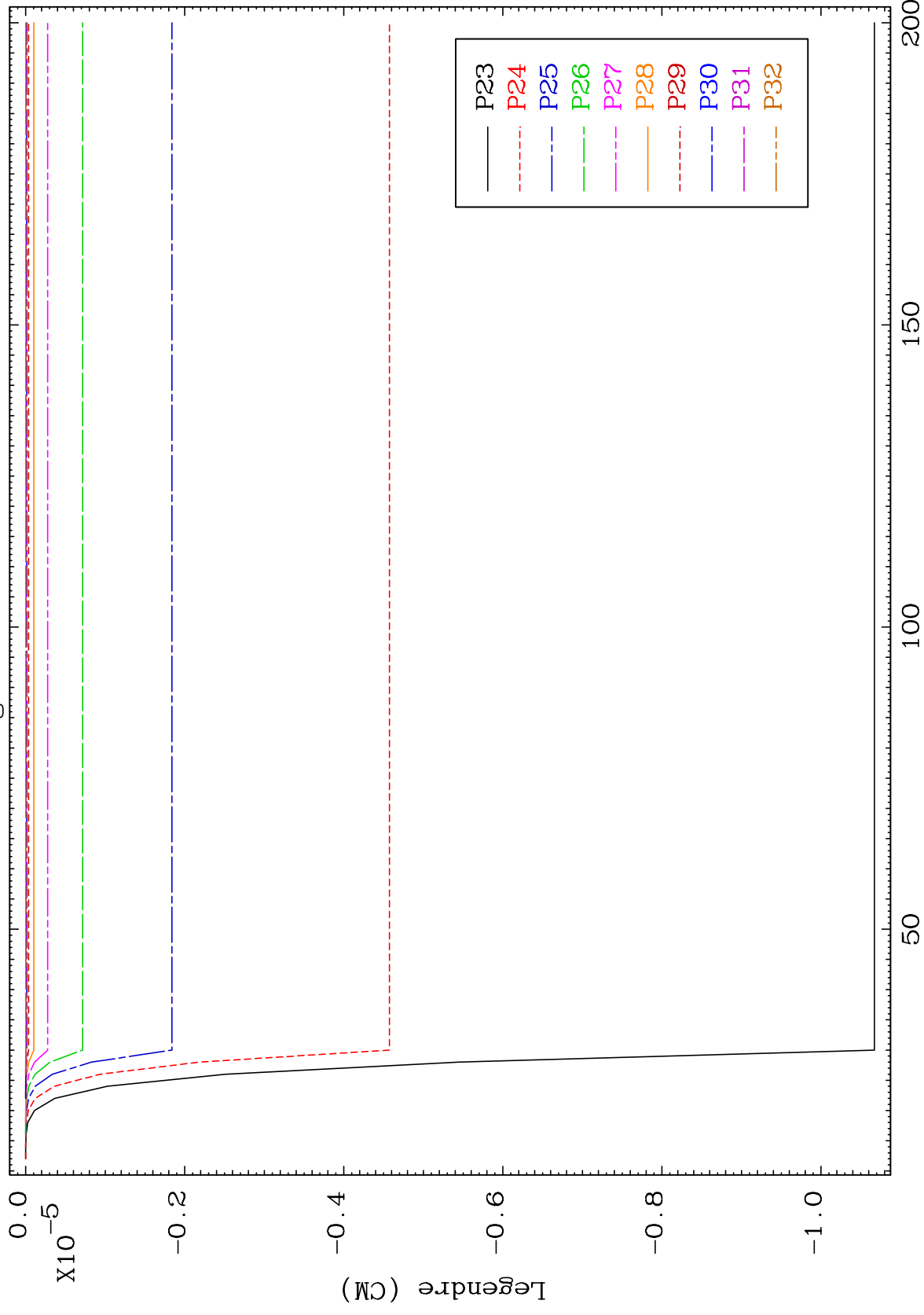
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



38-Sr-90

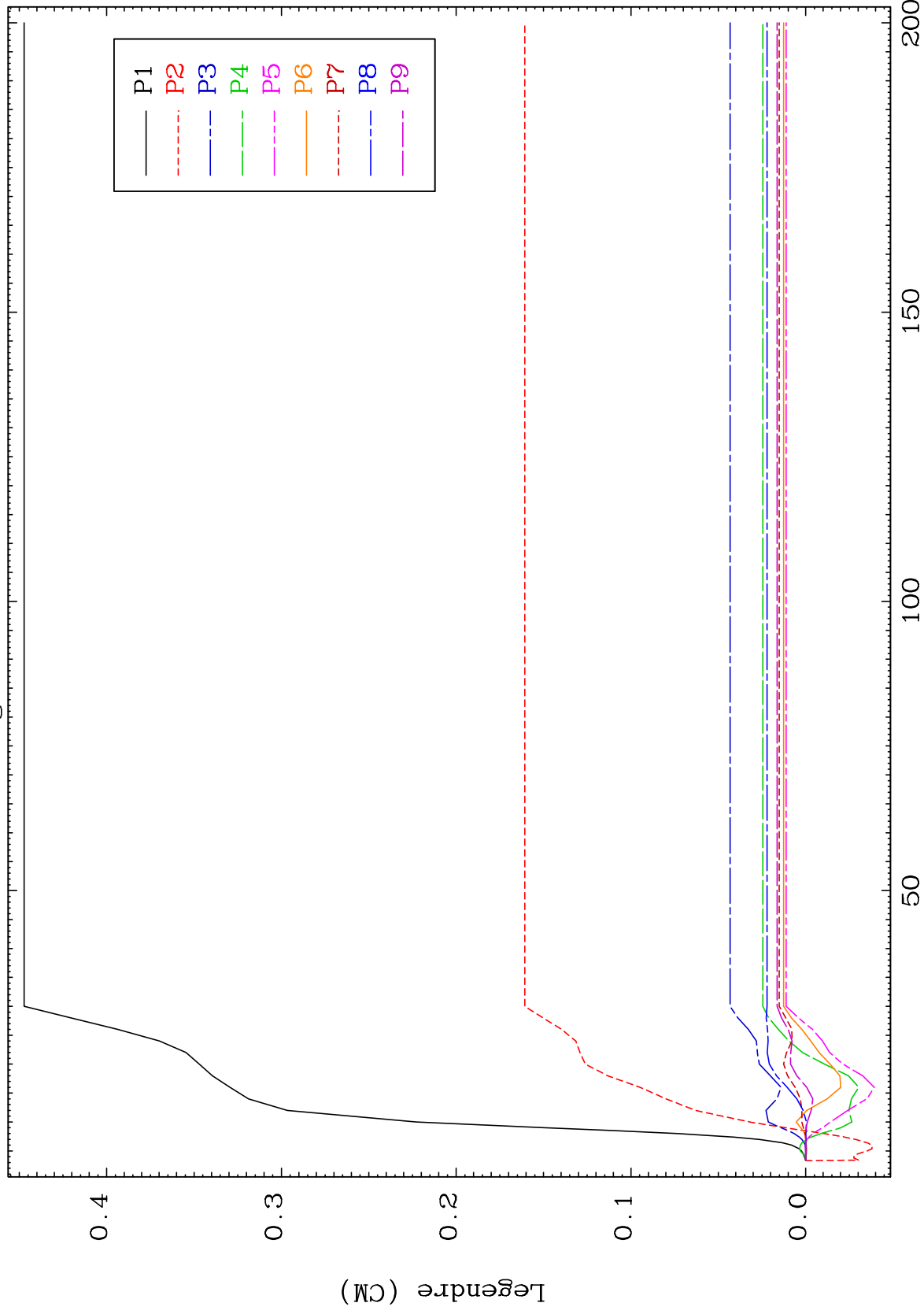
Incident Energy (MeV)

75

MAT 3843

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

38-Sr-90



76

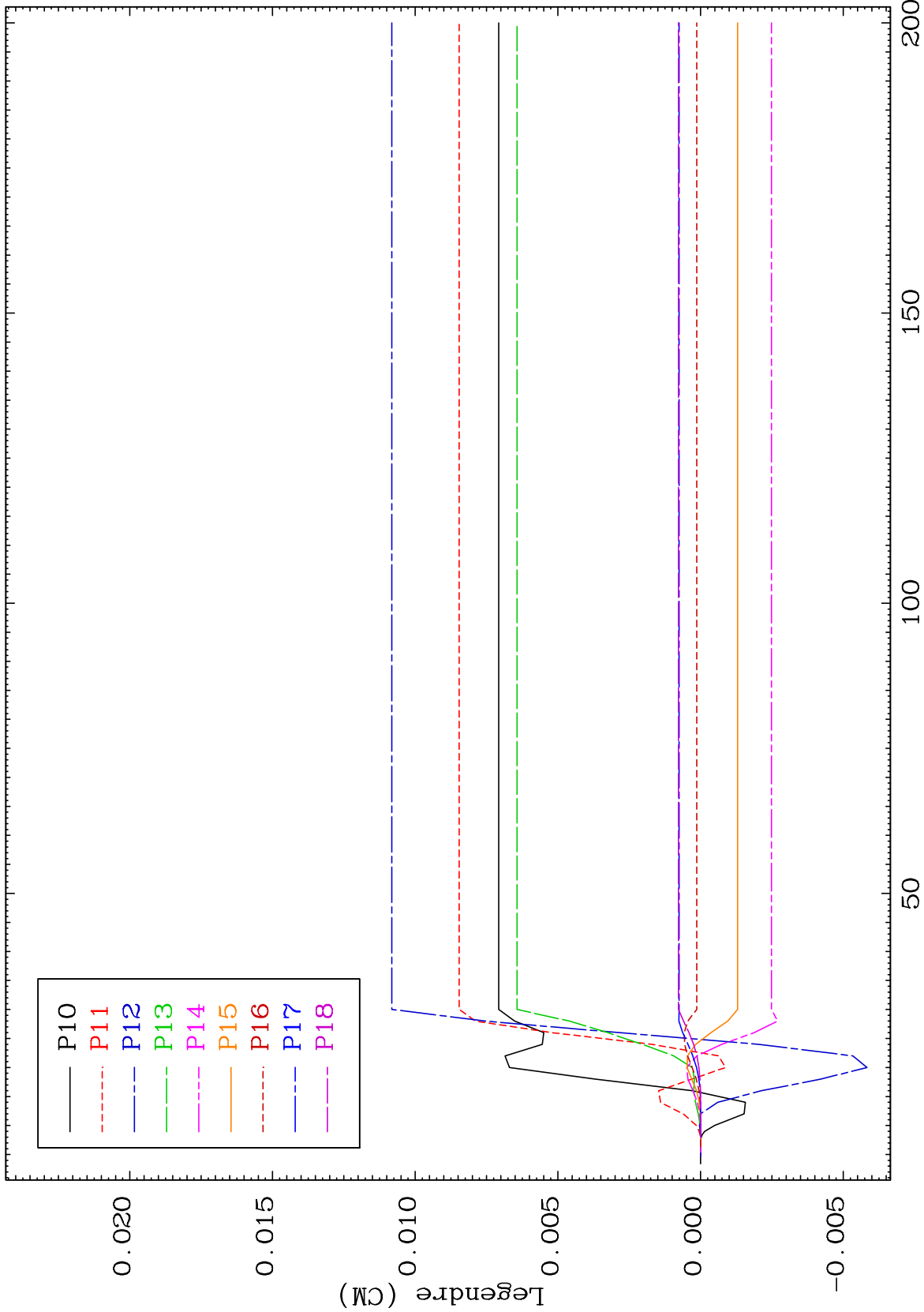
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



77

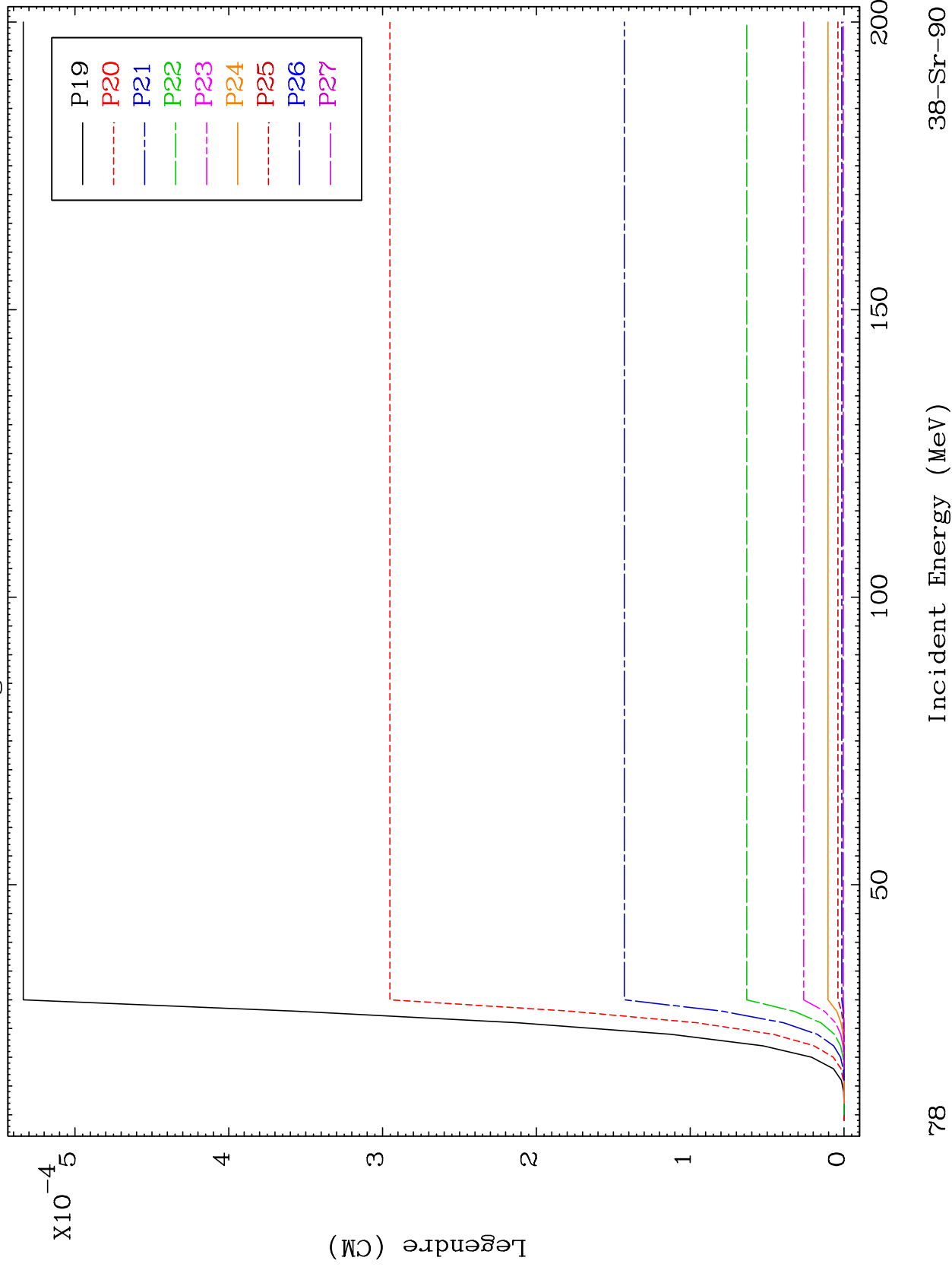
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



78

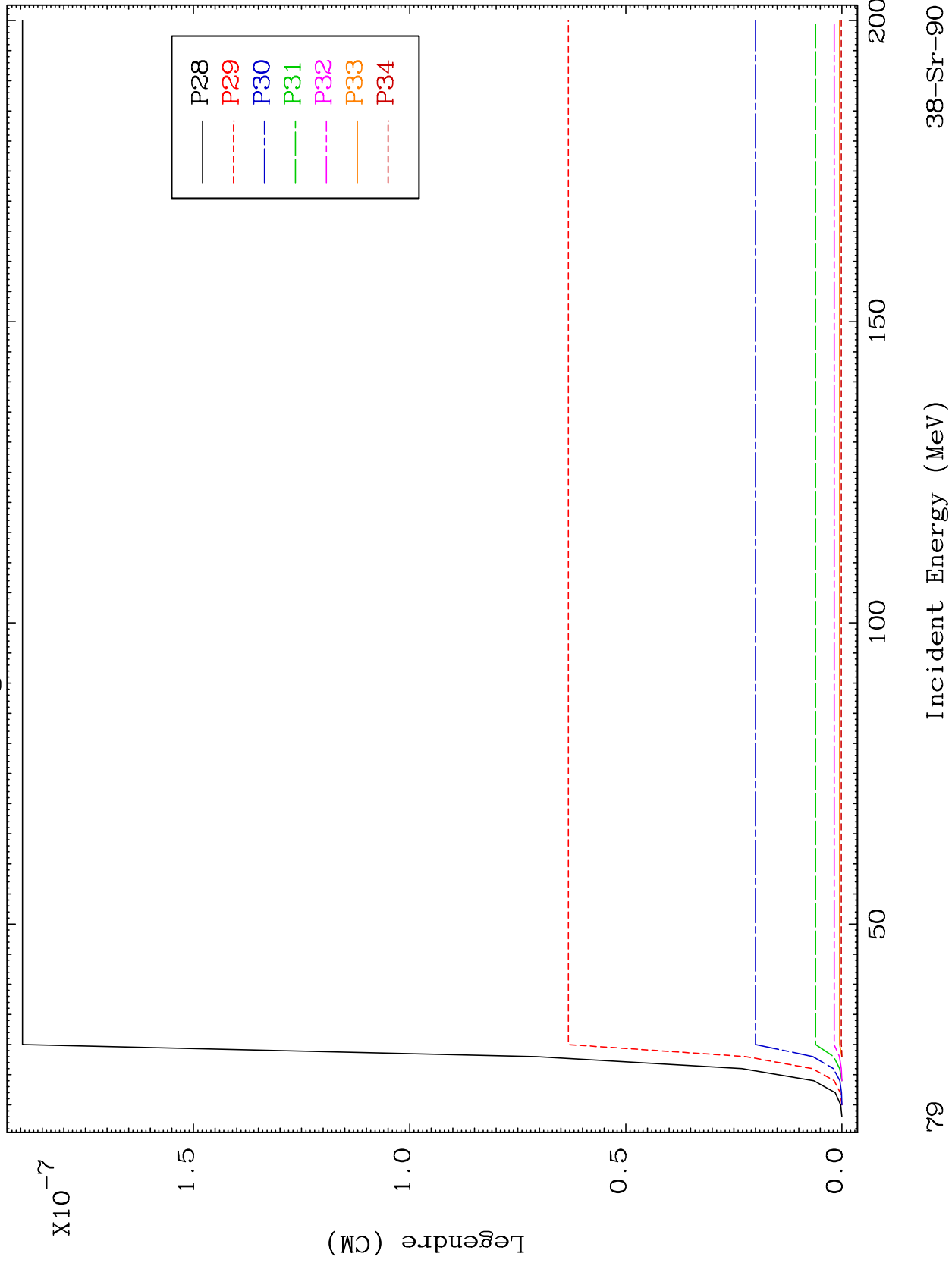
Incident Energy (MeV)

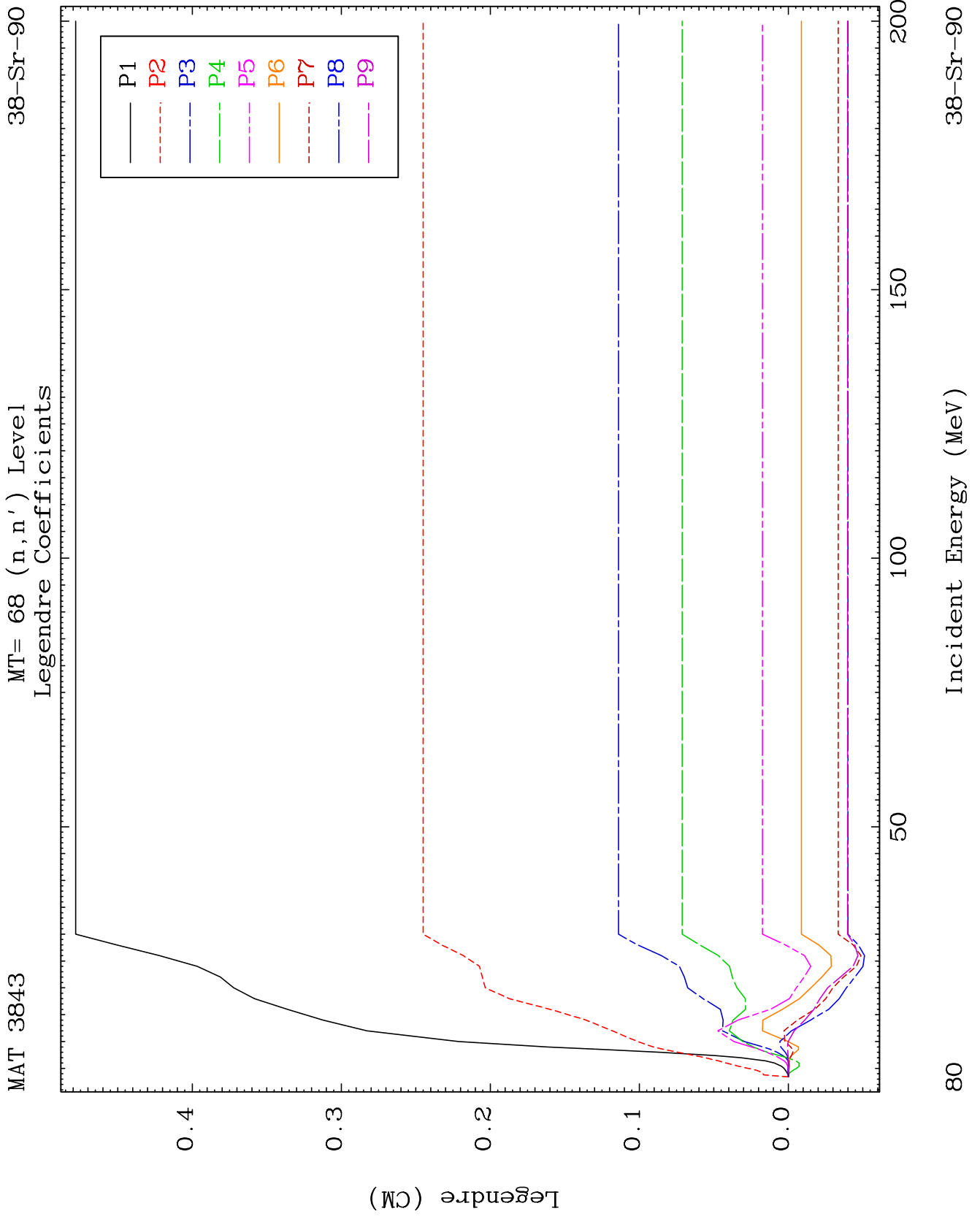
38-Sr-90

MAT 3843

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

38-Sr-90

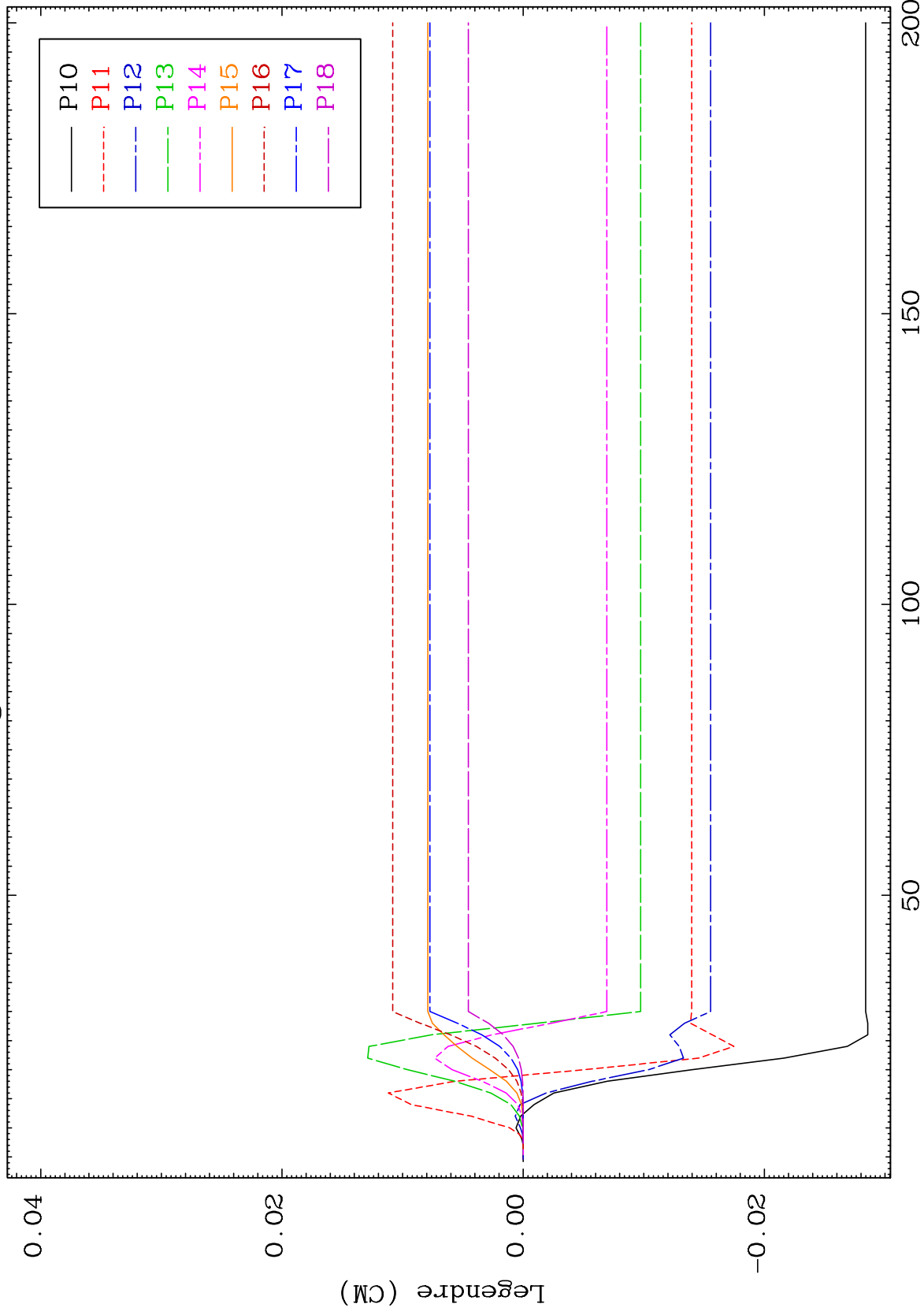




MAT 3843

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

38-Sr-90



81

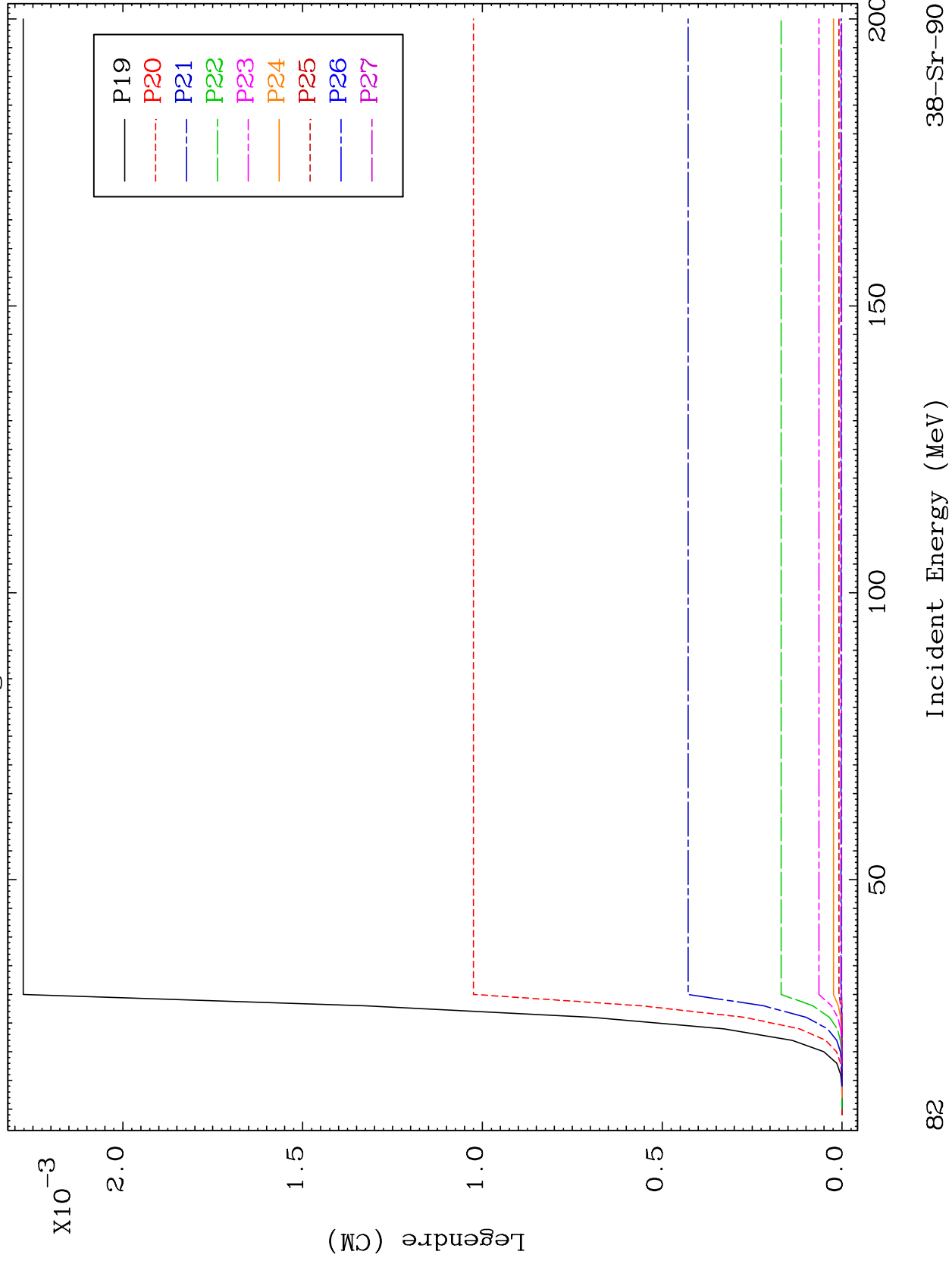
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90

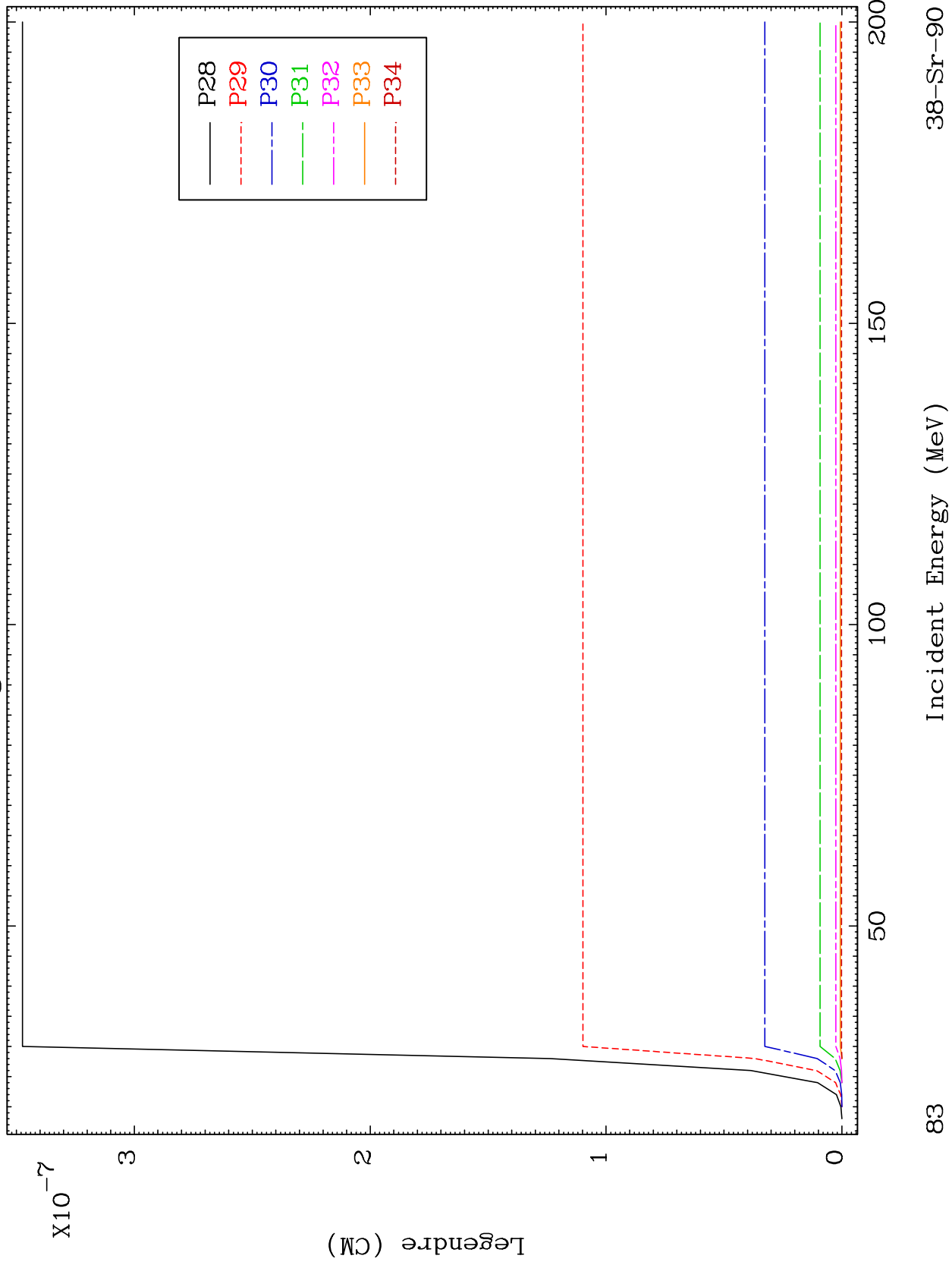


82

MAT 3843

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

38-Sr-90



83

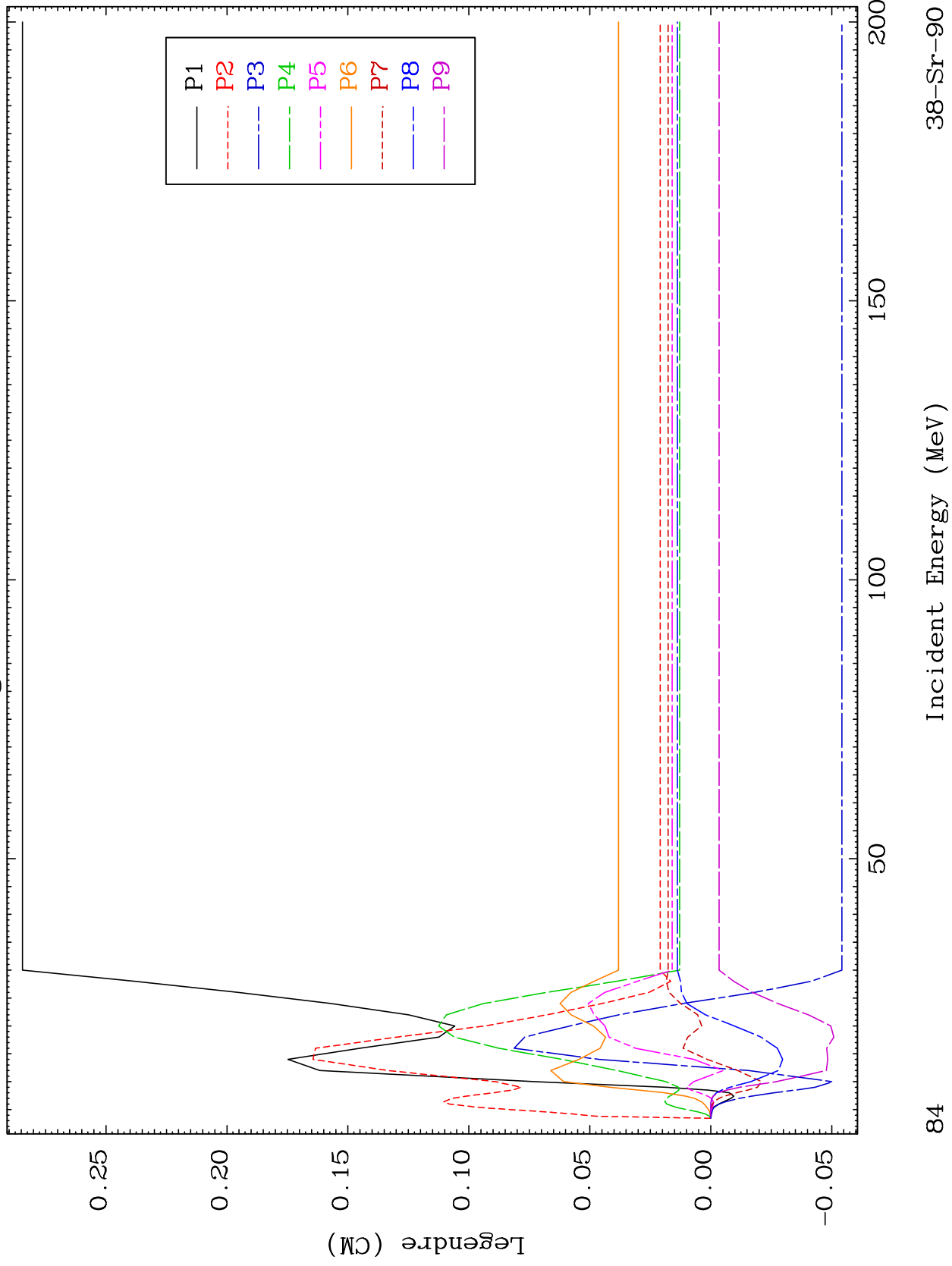
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



84

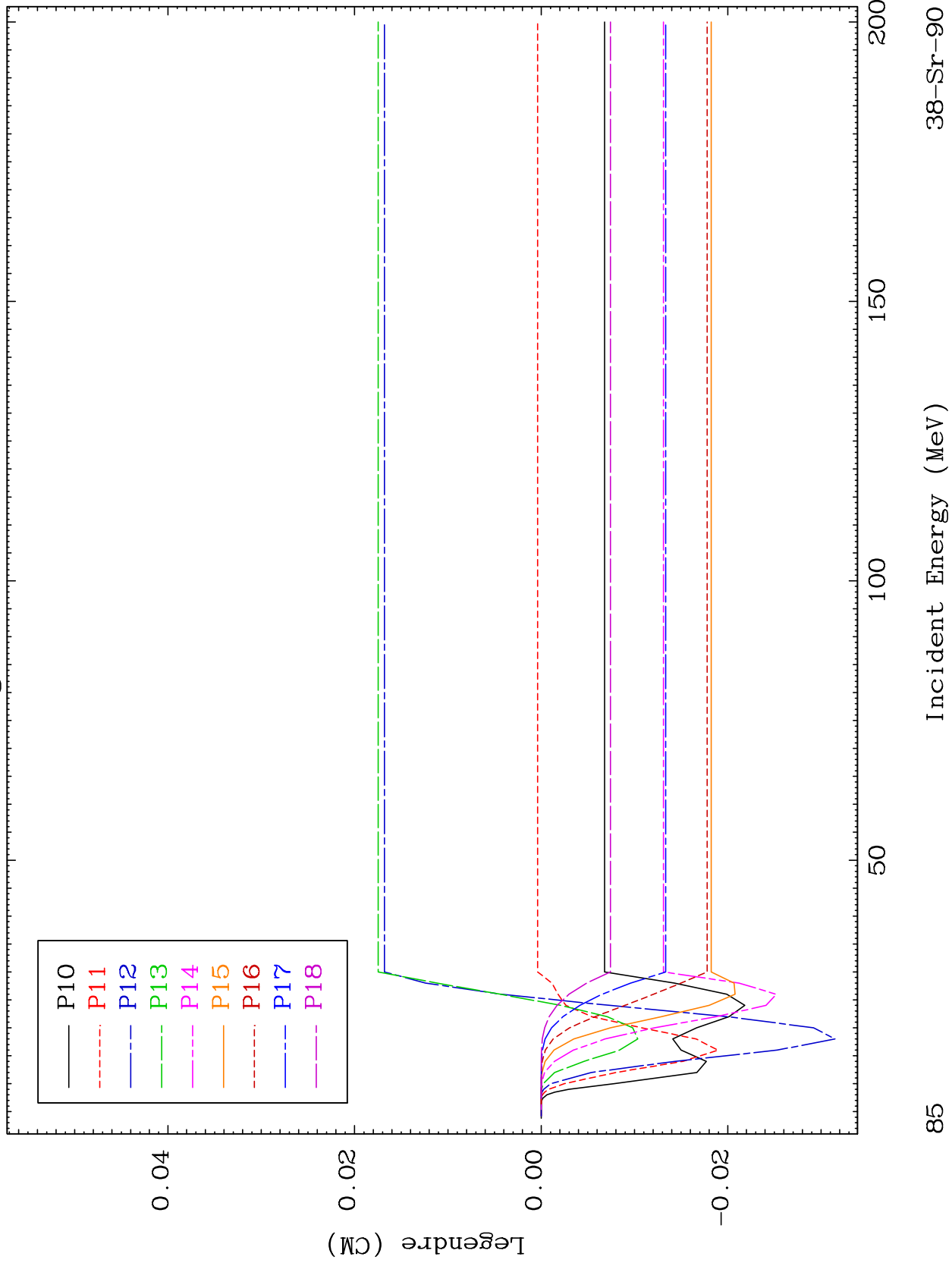
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

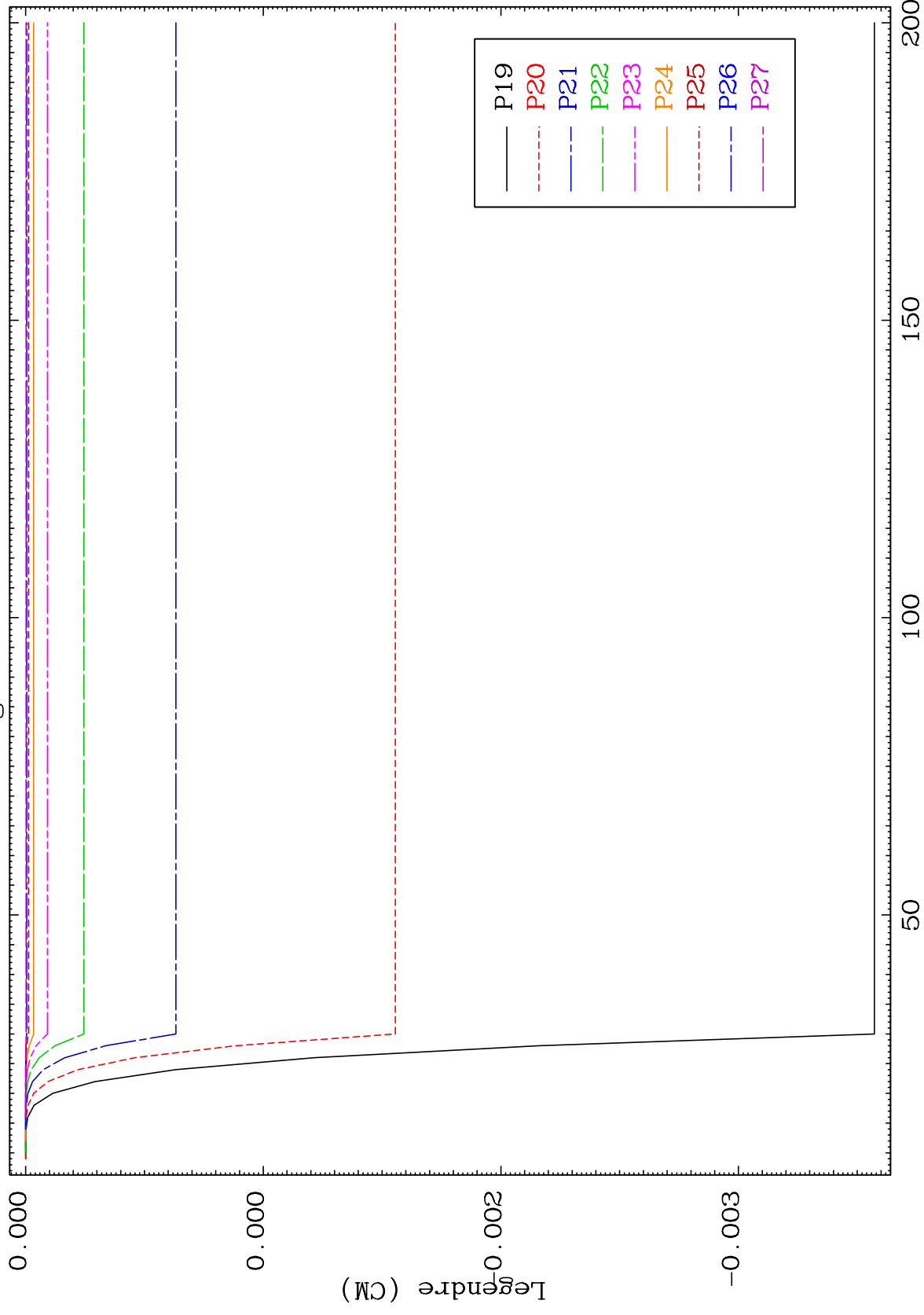
38-Sr-90



MAT 3843

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

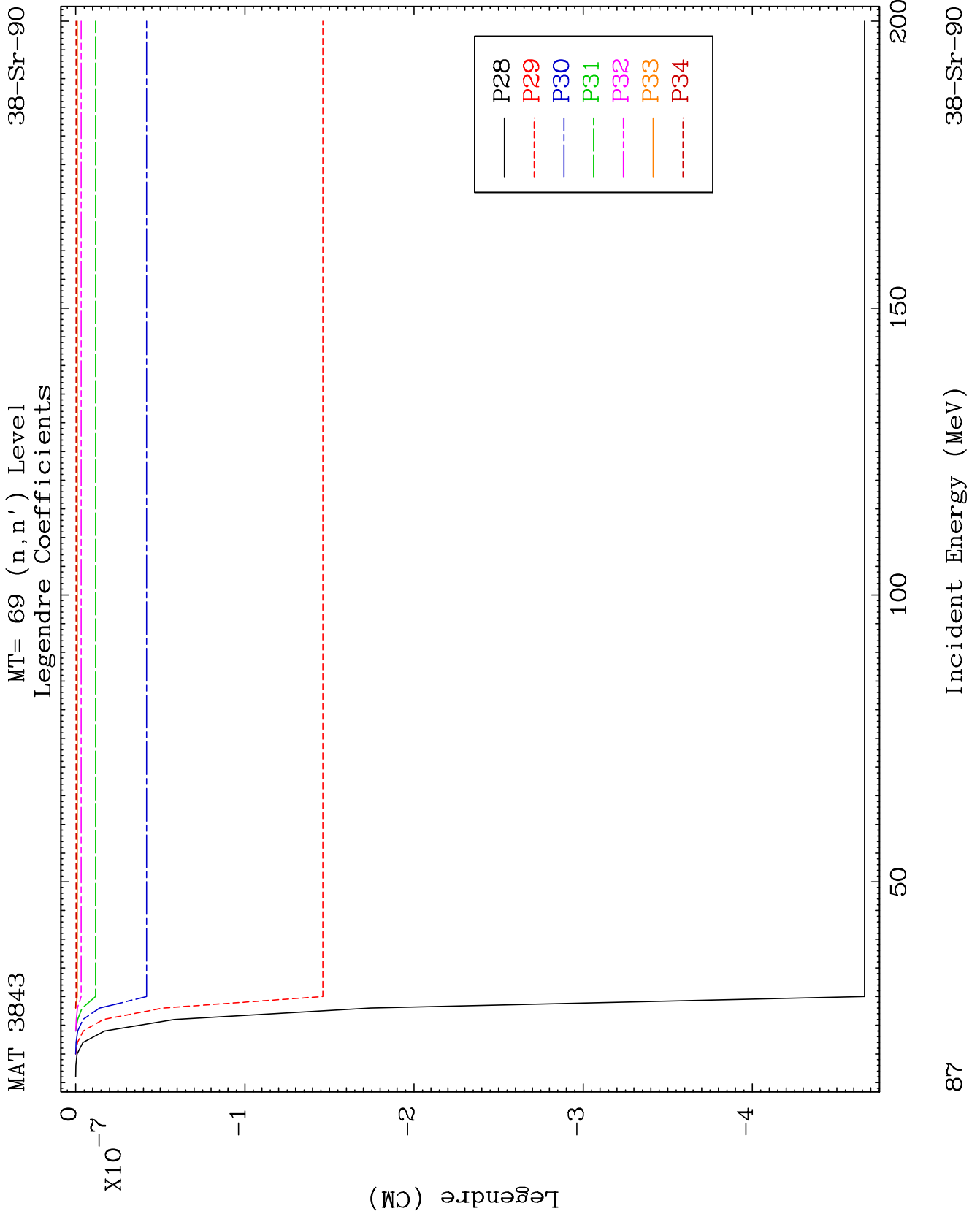
38-Sr-90



38-Sr-90

Incident Energy (MeV)

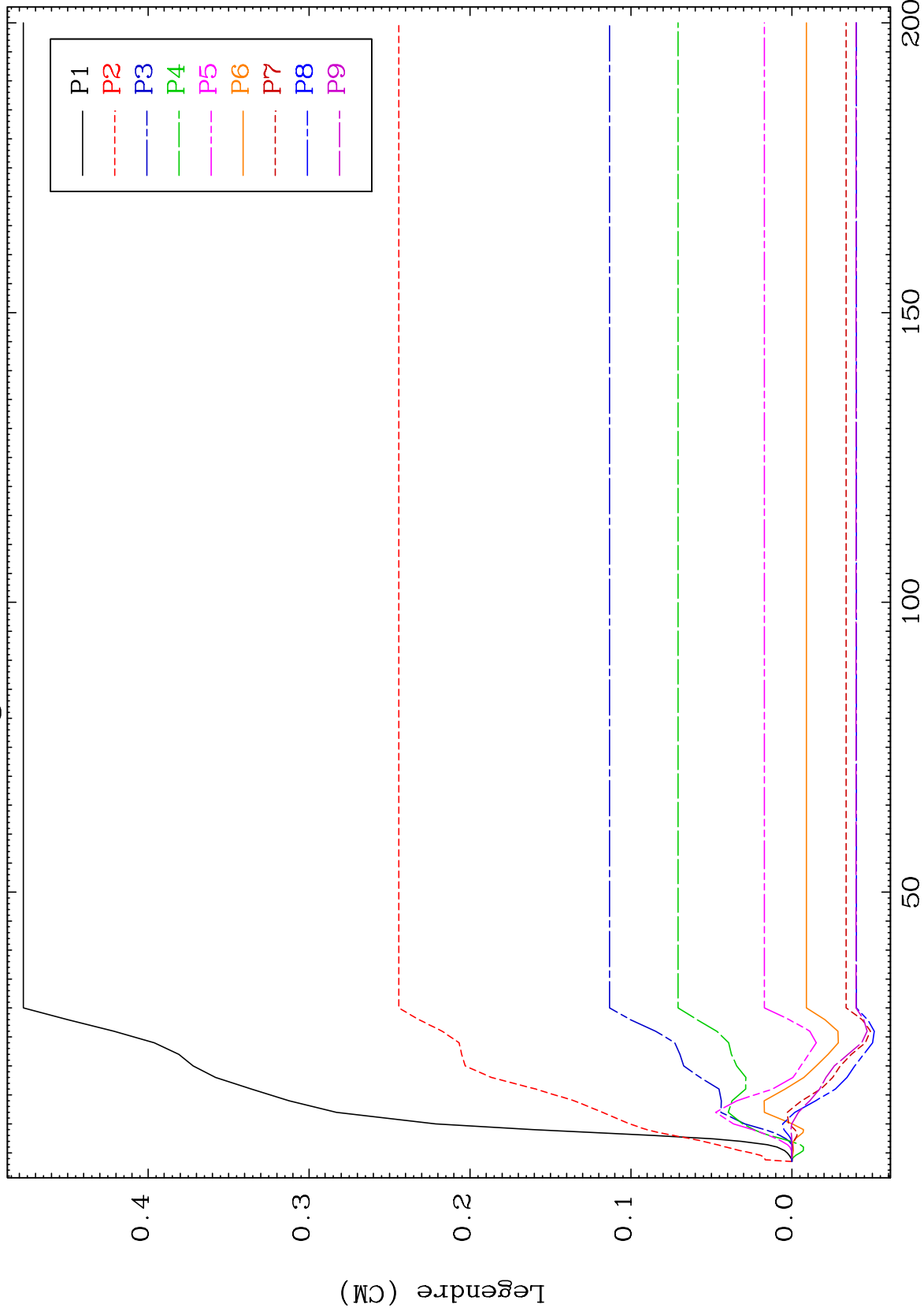
86



MAT 3843

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

38-Sr-90



88

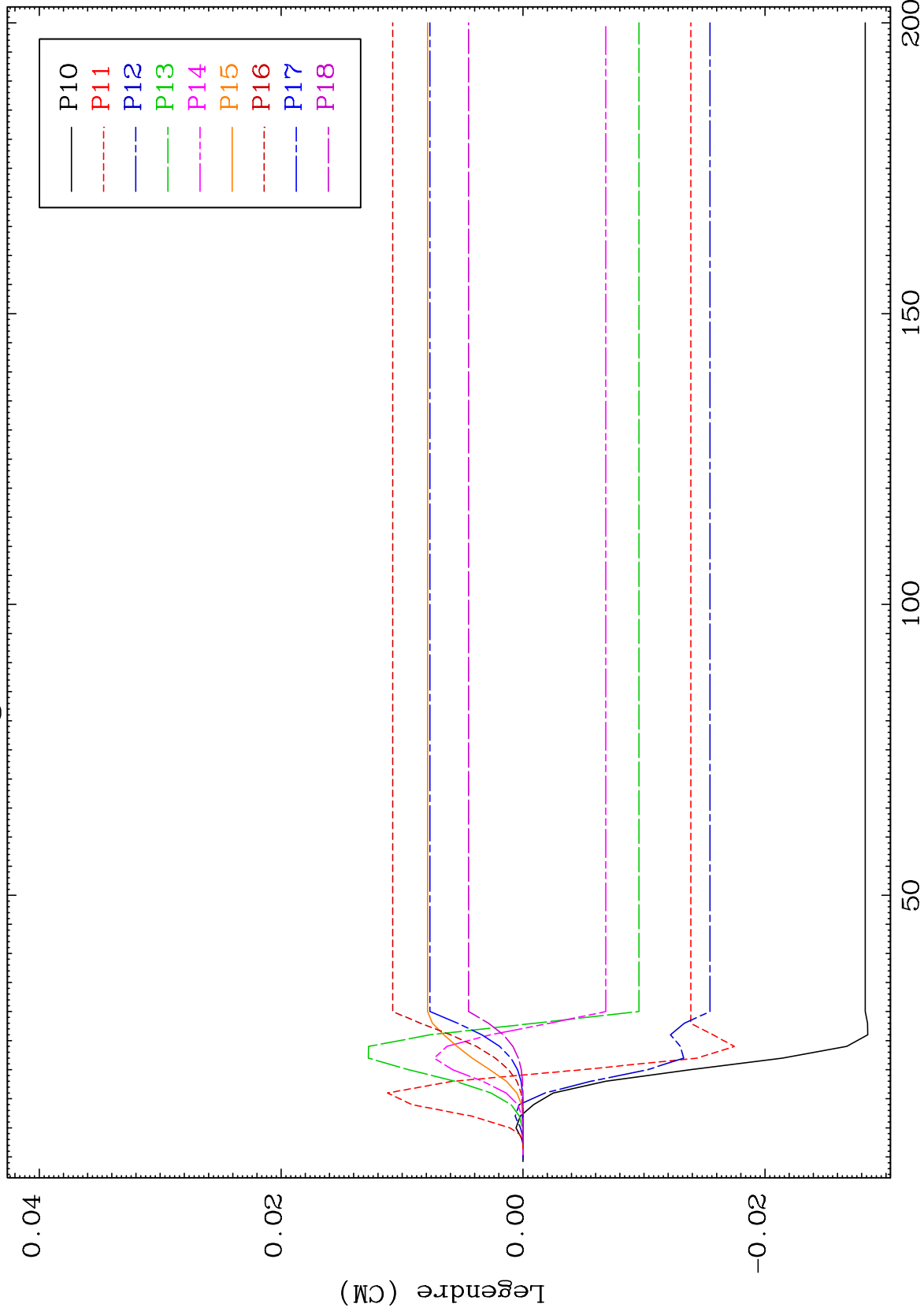
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



89

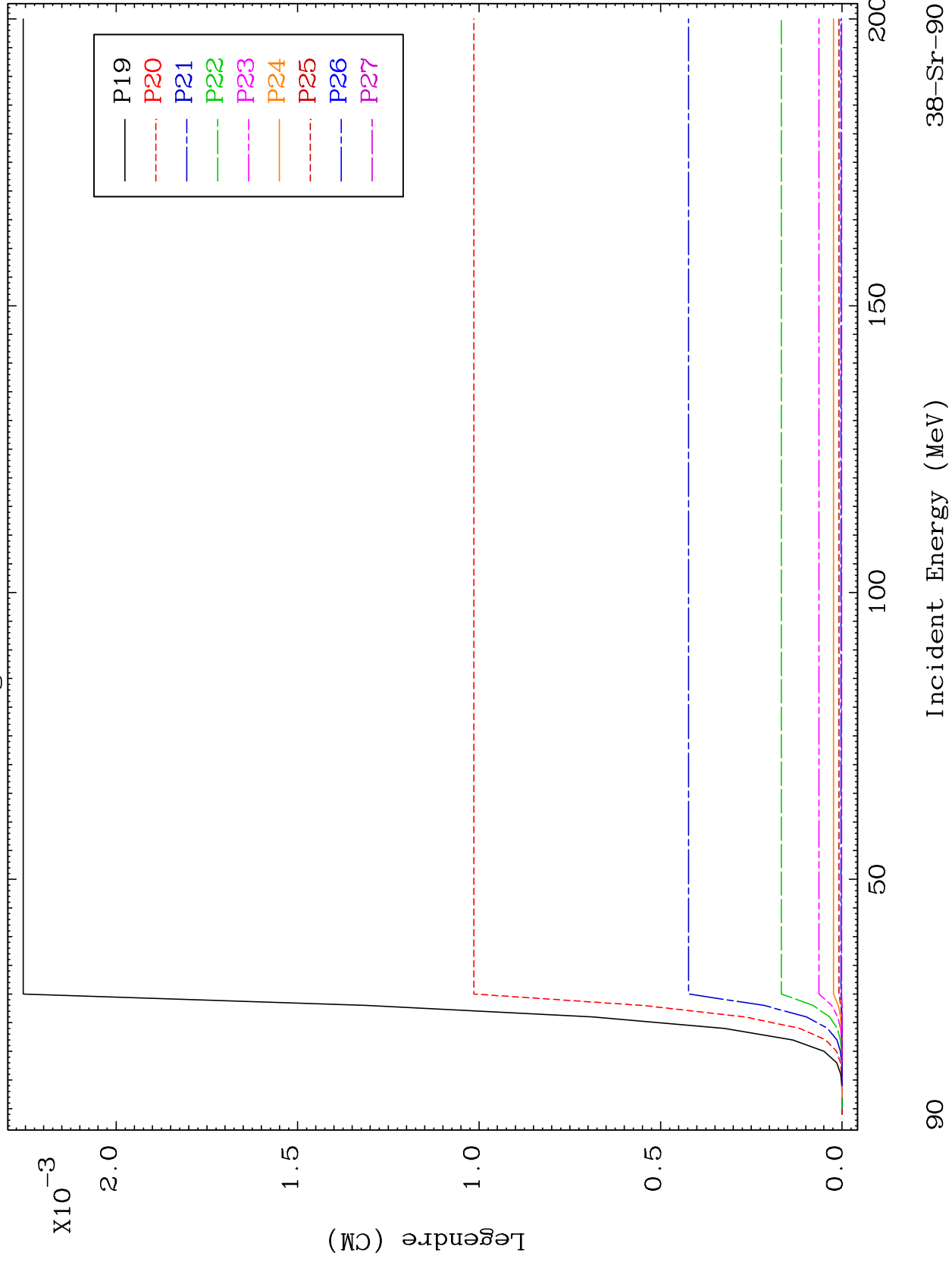
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

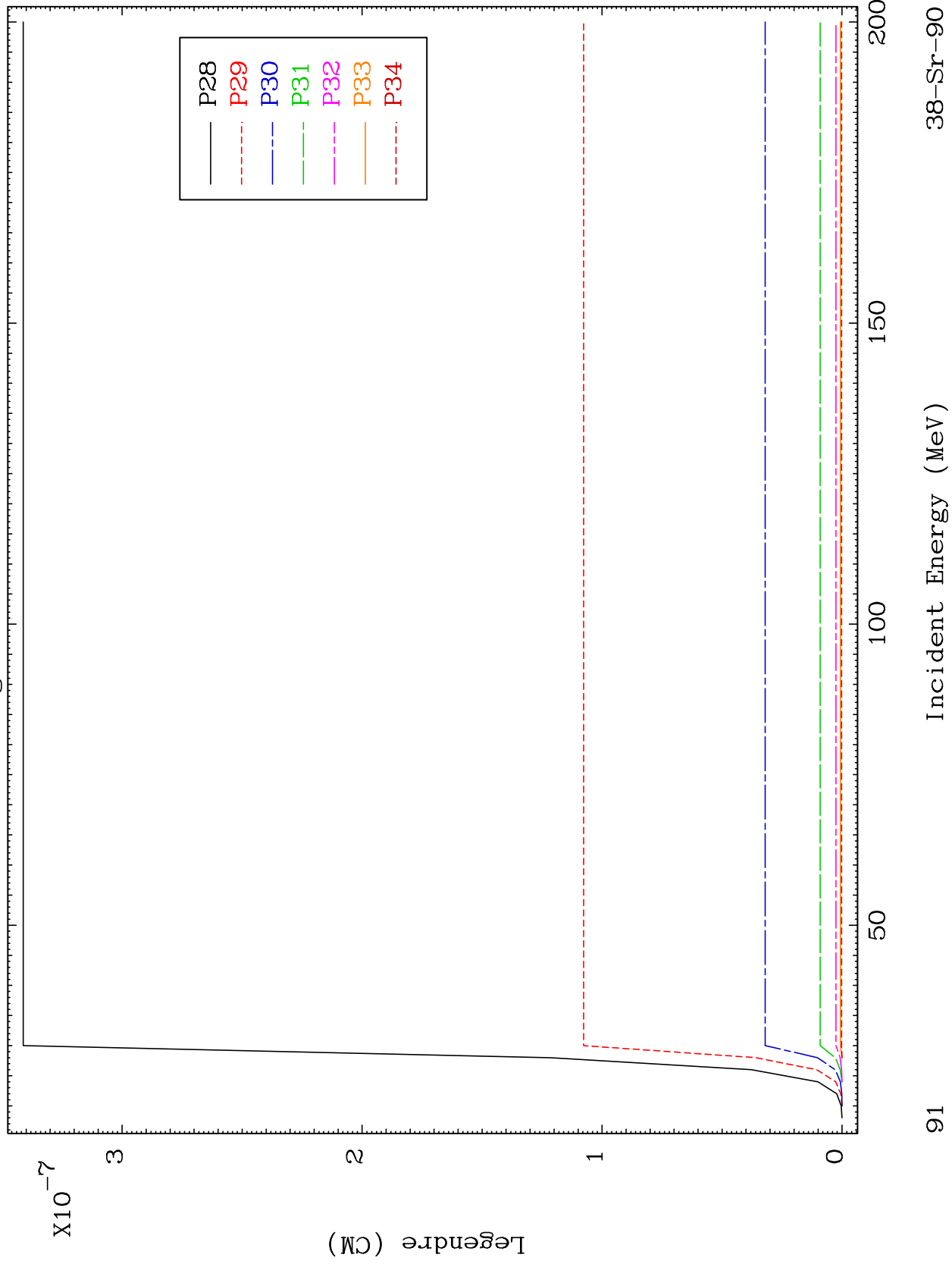
38-Sr-90



MAT 3843

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

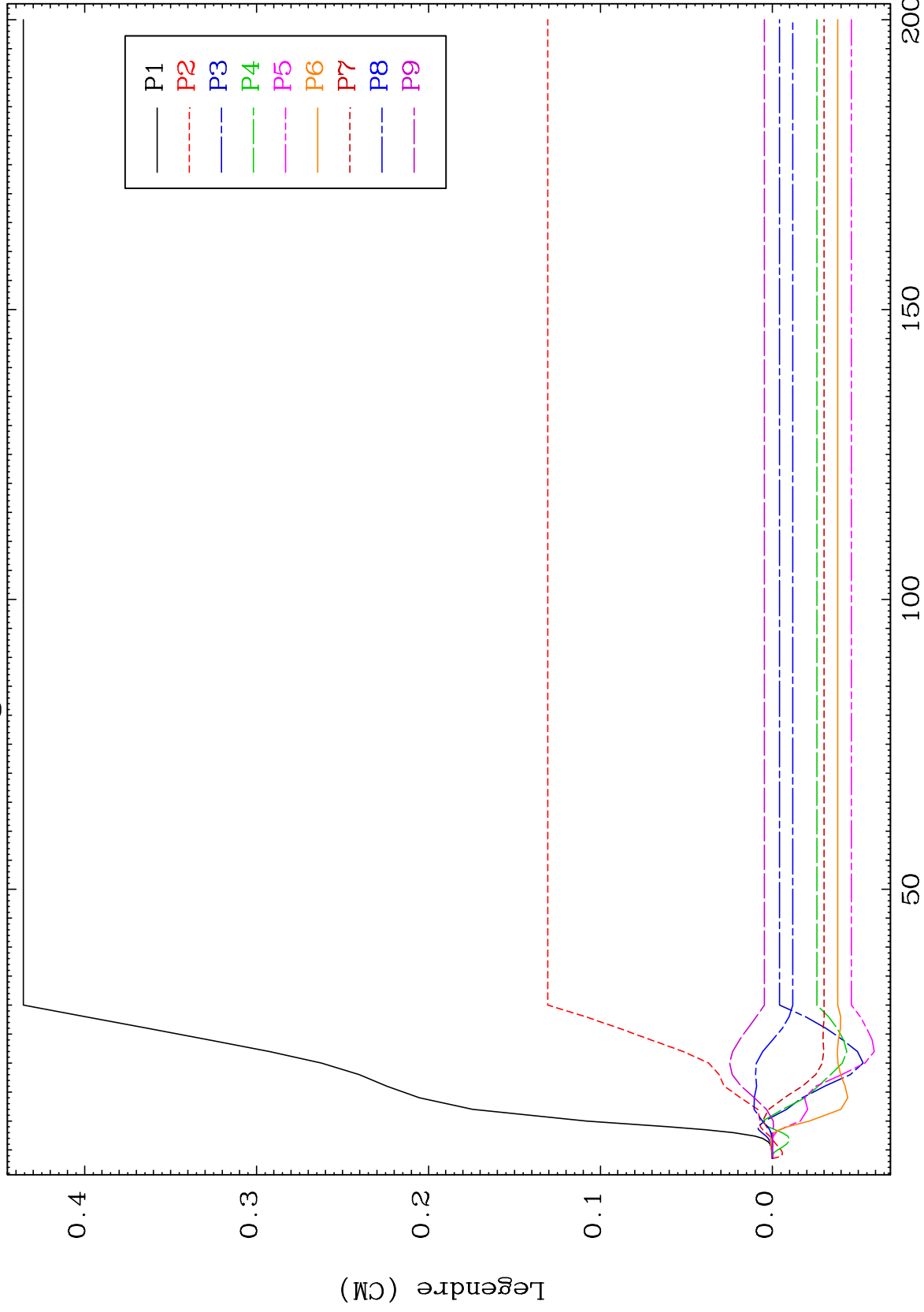
38-Sr-90



MAT 3843

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

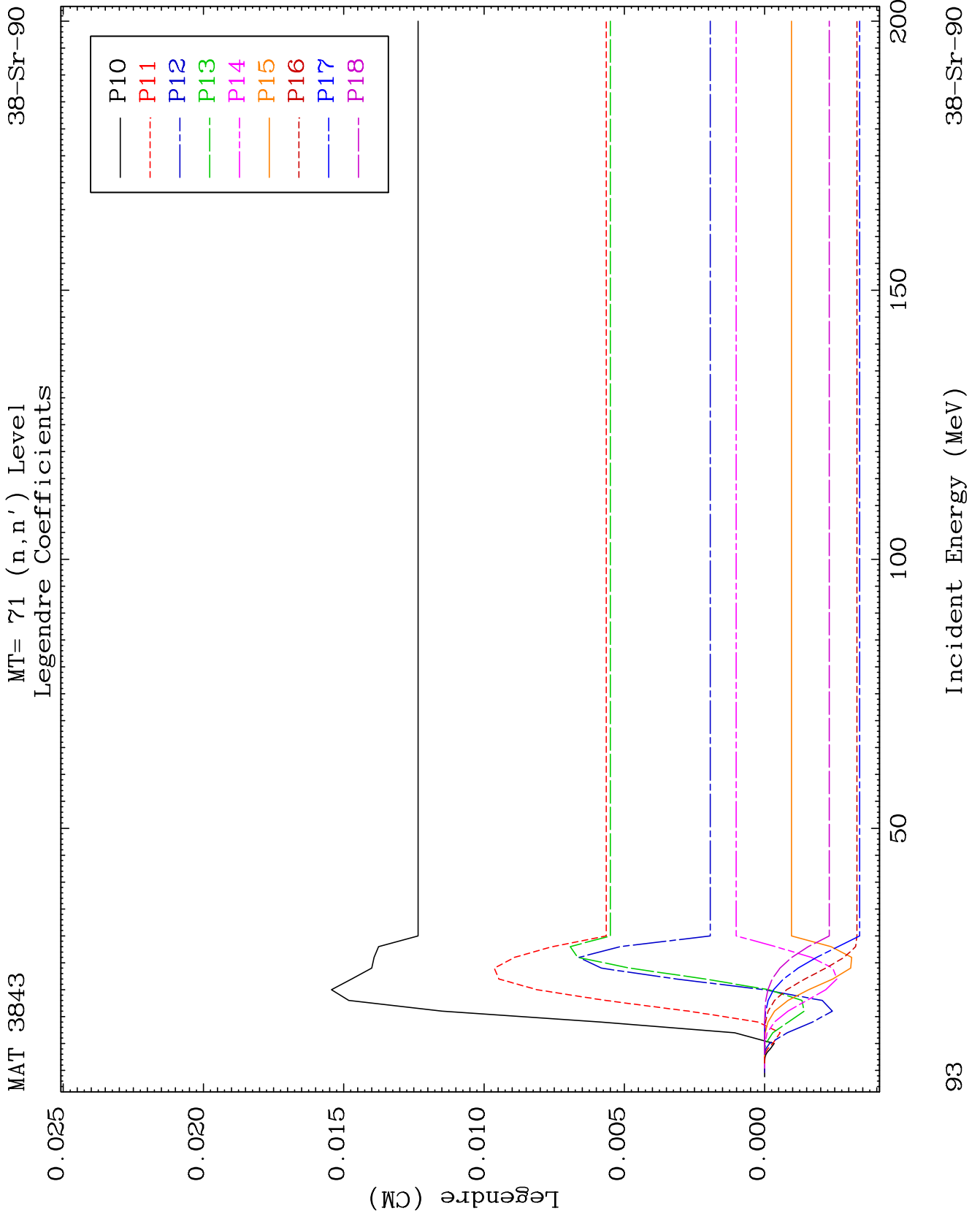
38-Sr-90

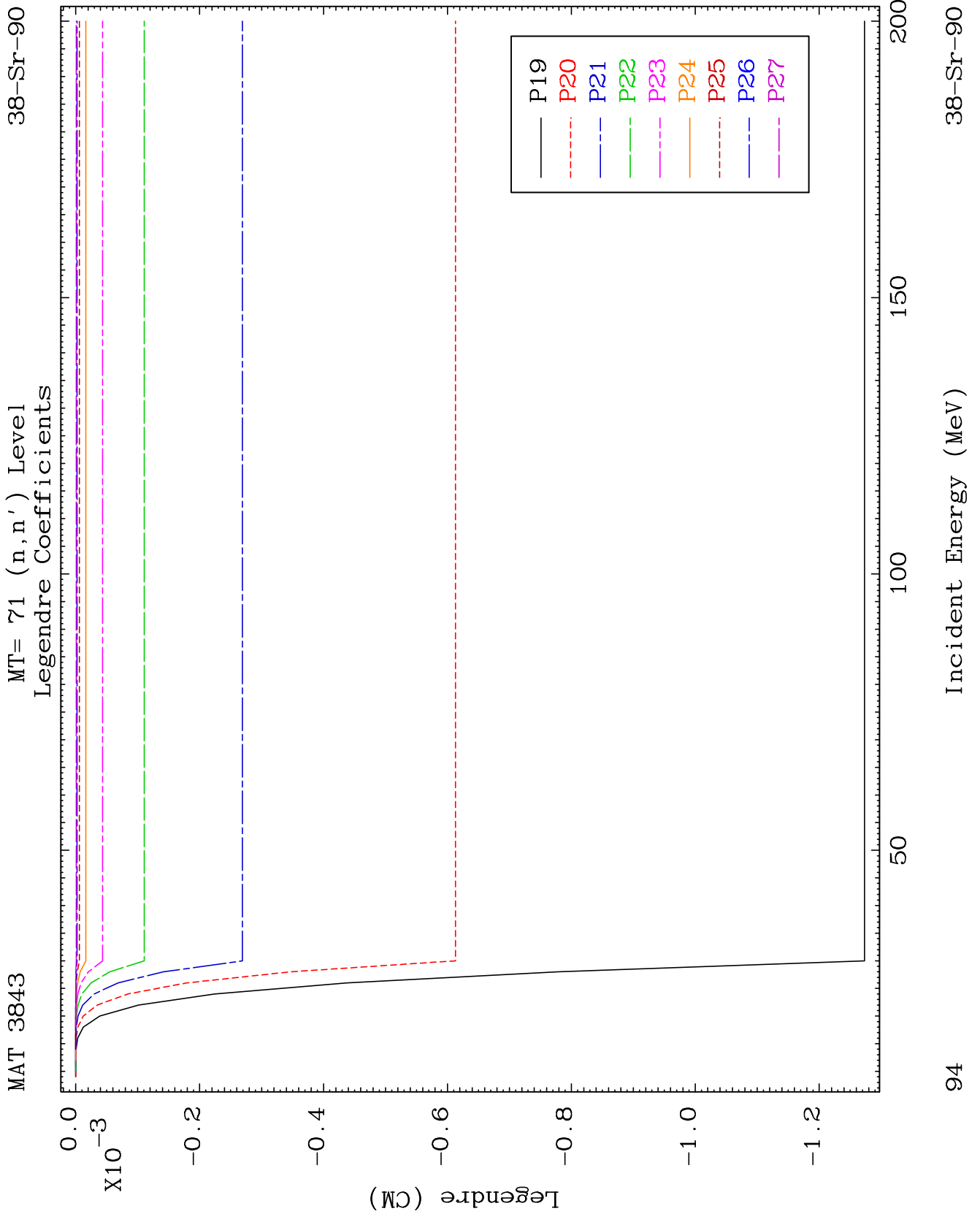


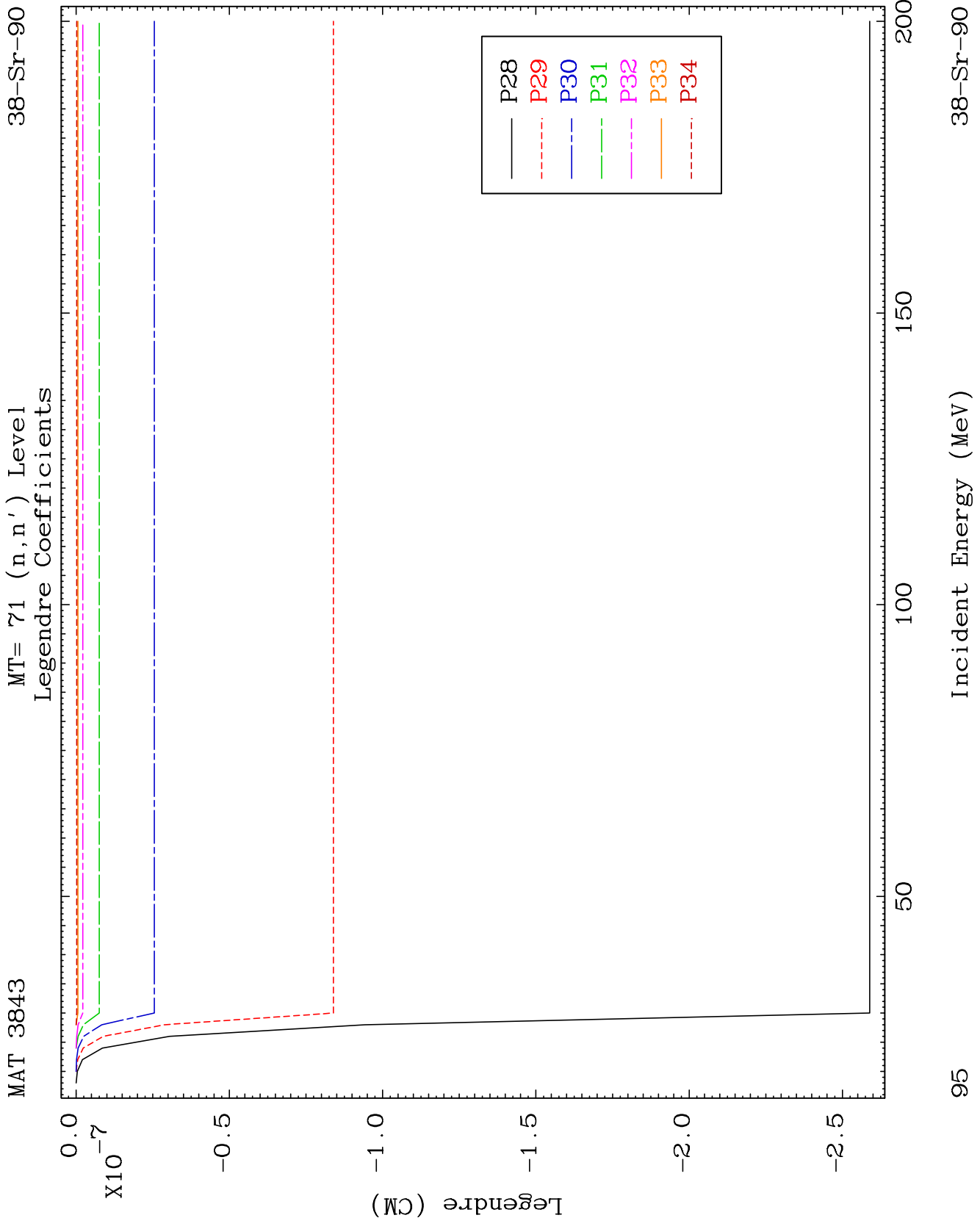
92

Incident Energy (MeV)

38-Sr-90



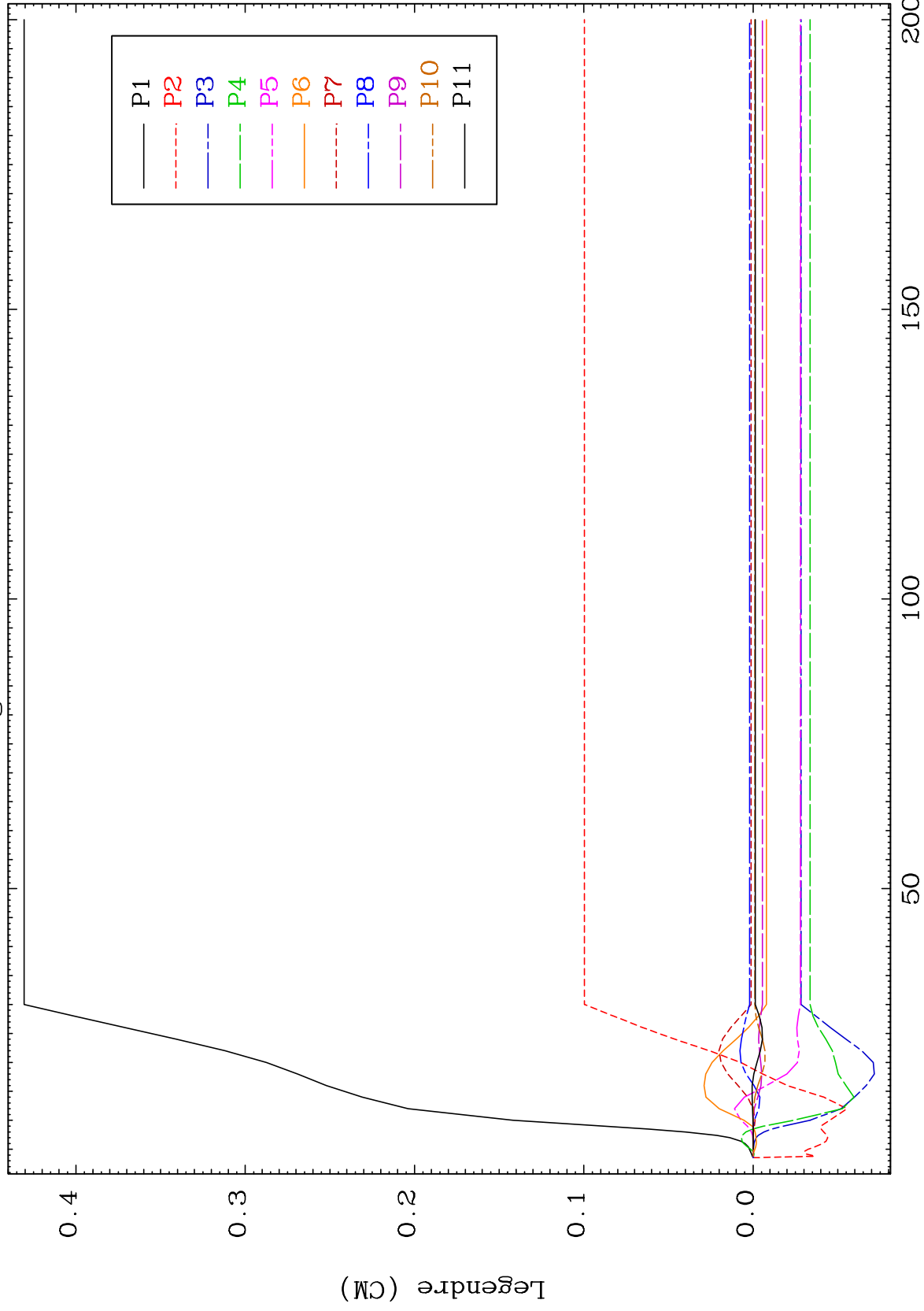




MAT 3843

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

38-Sr-90



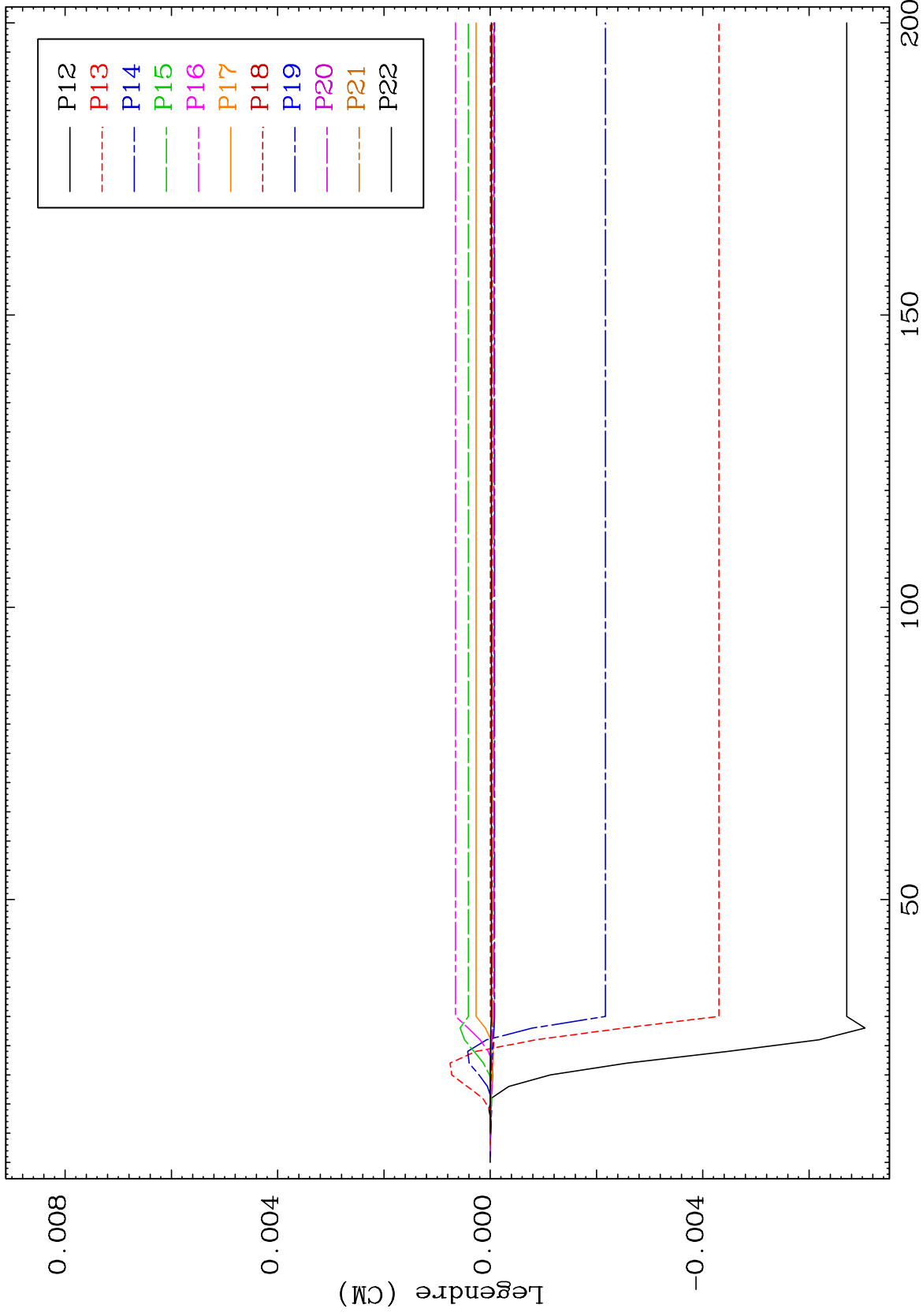
96

38-Sr-90

MAT 3843

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

38-Sr-90



97

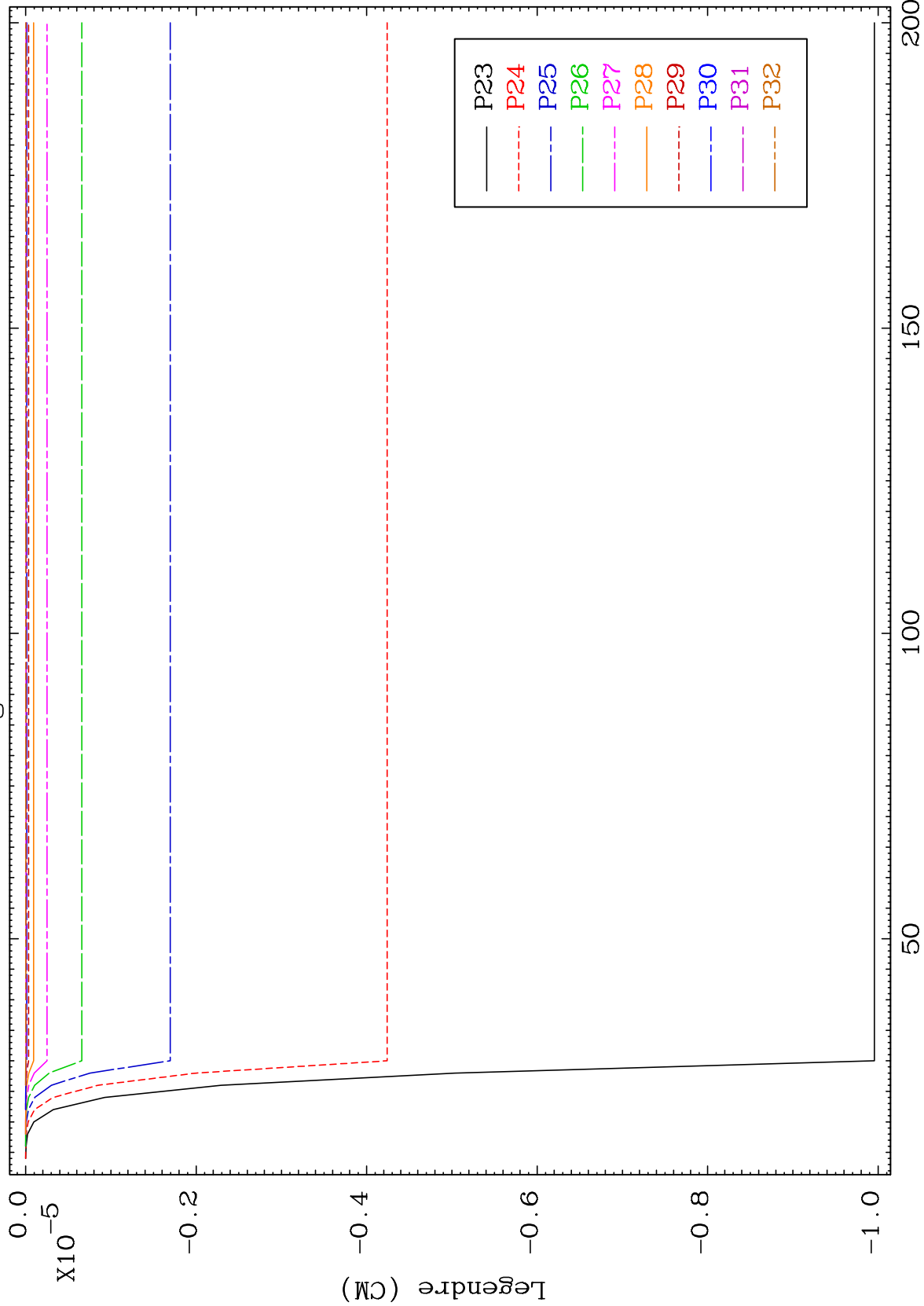
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

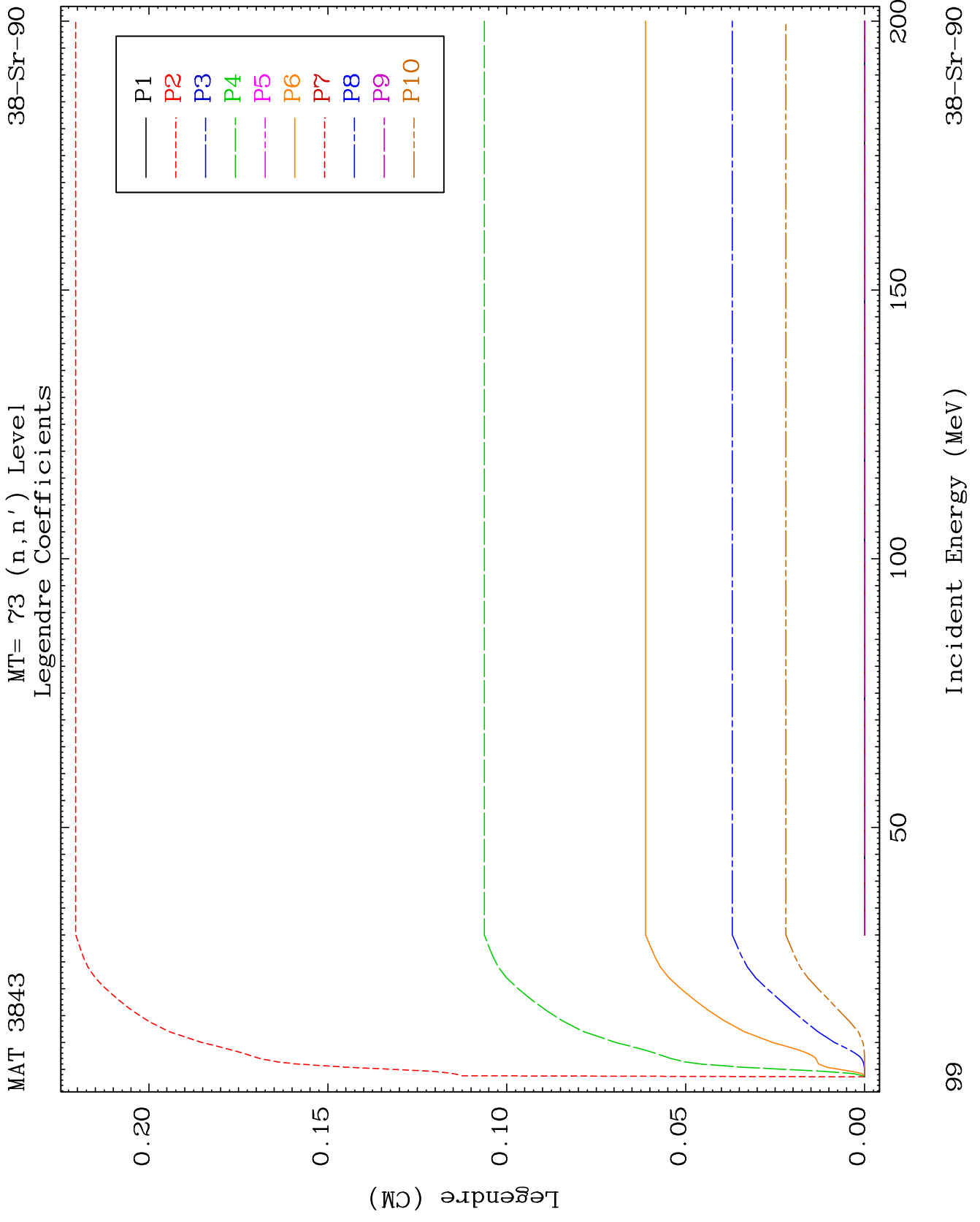
38-Sr-90

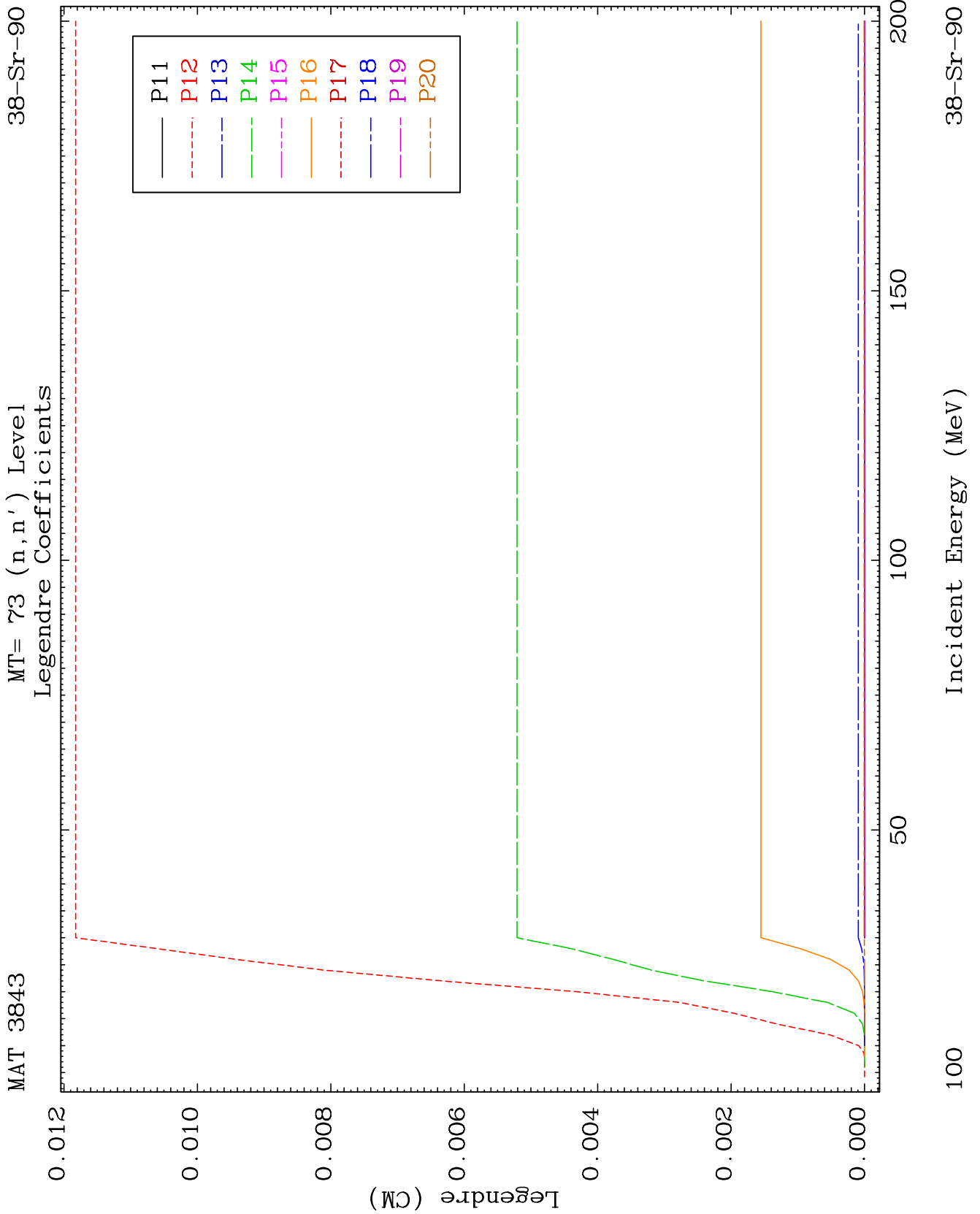


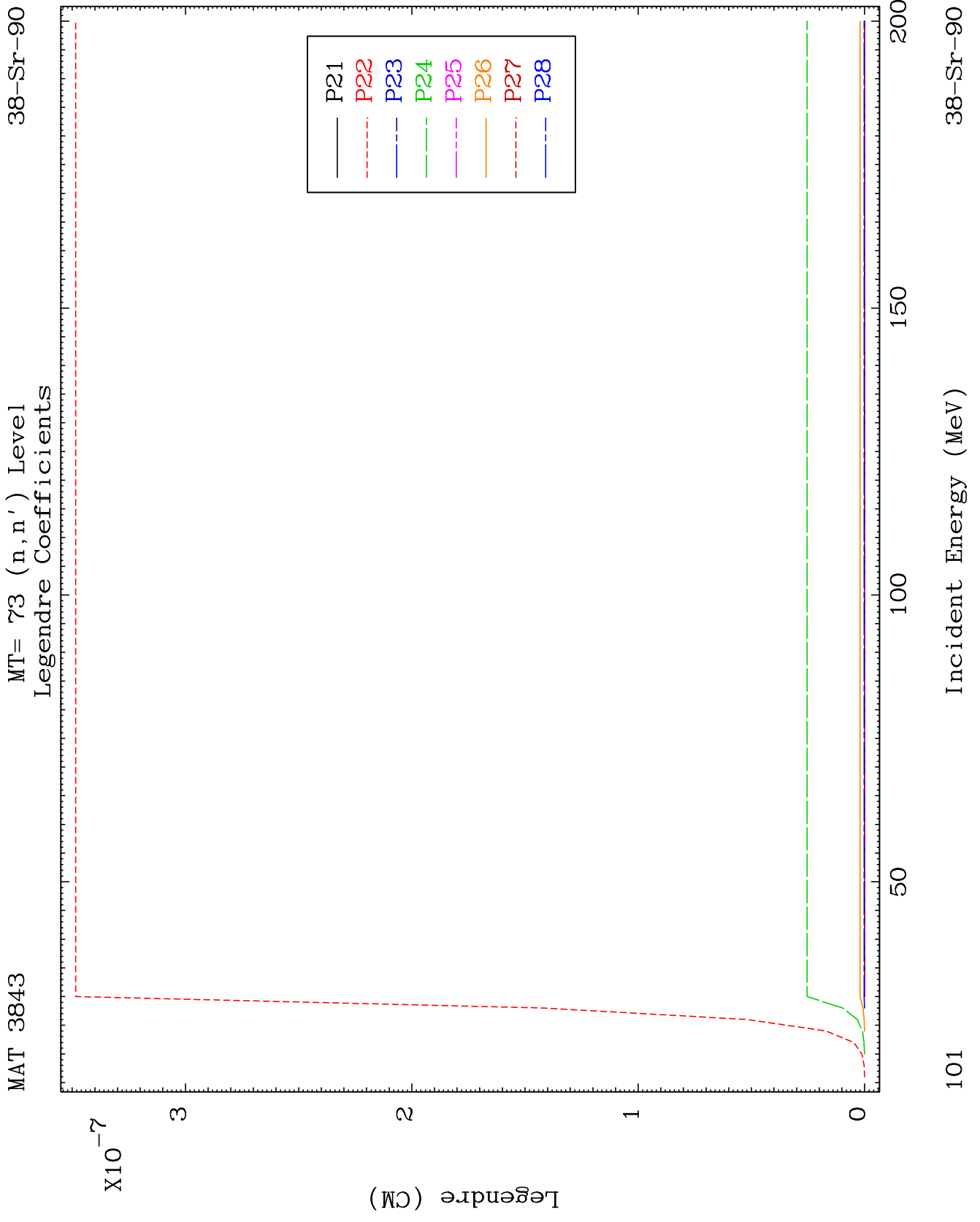
98

Incident Energy (MeV)

38-Sr-90



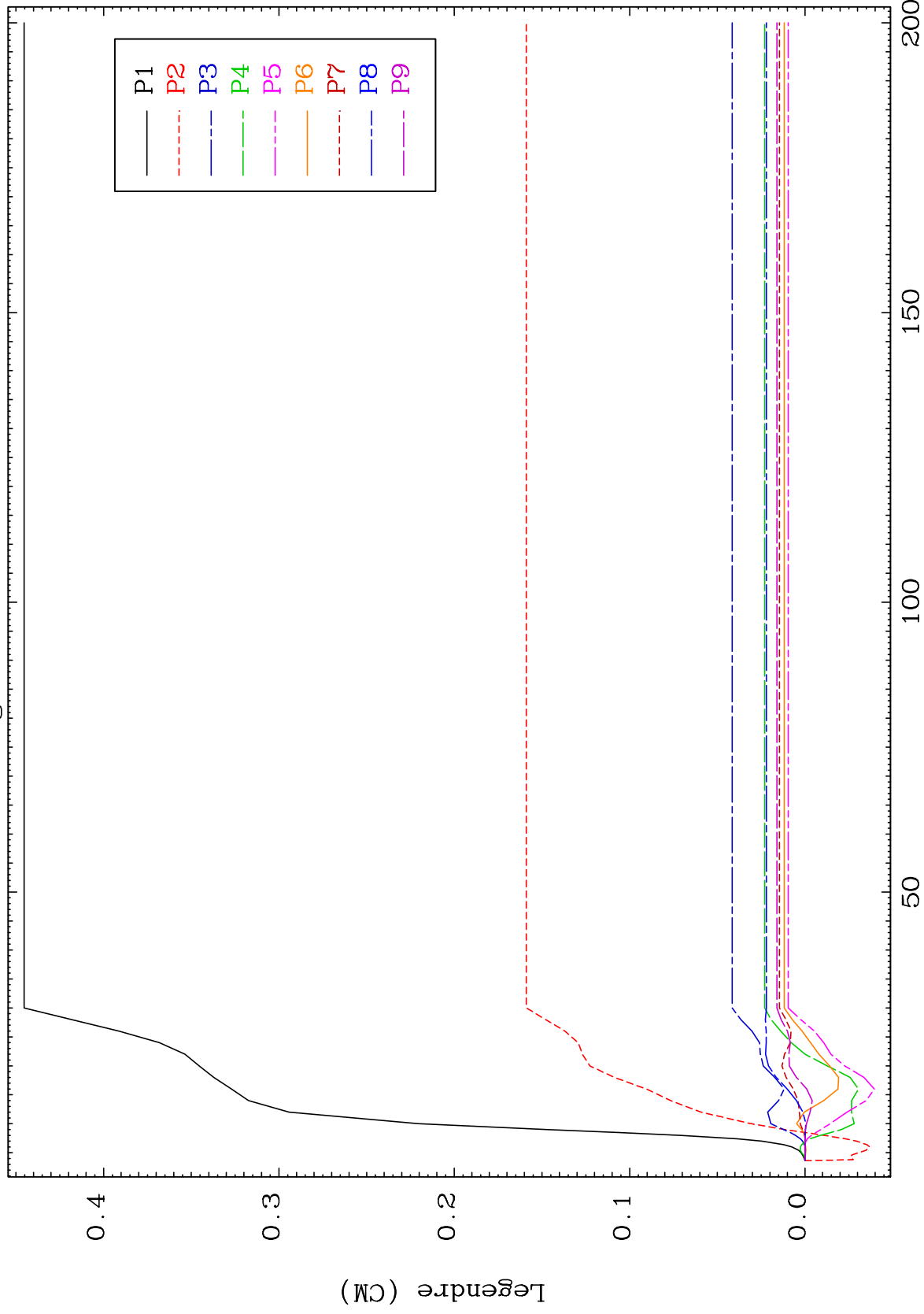




MAT 3843

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

38-Sr-90



102

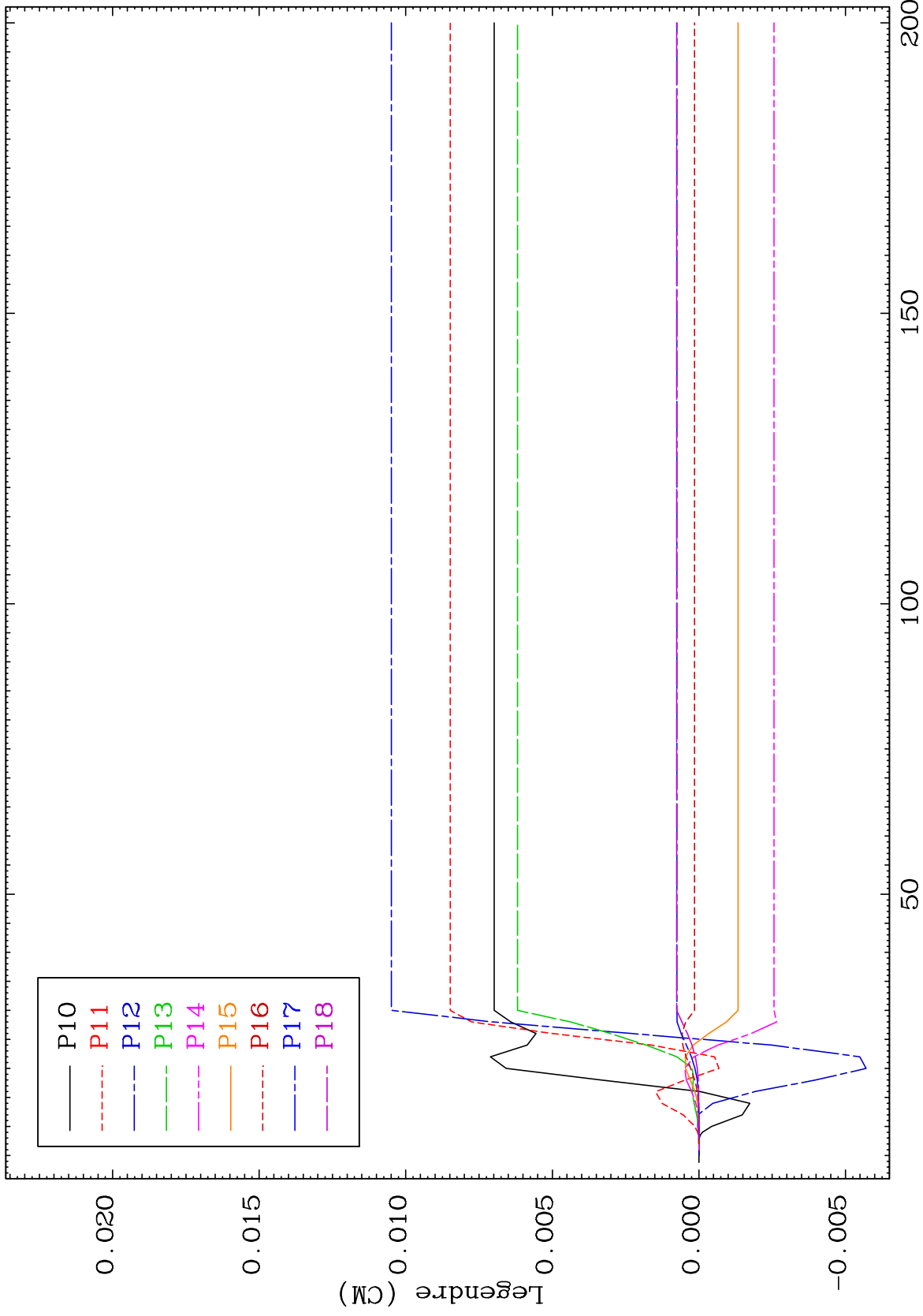
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



103

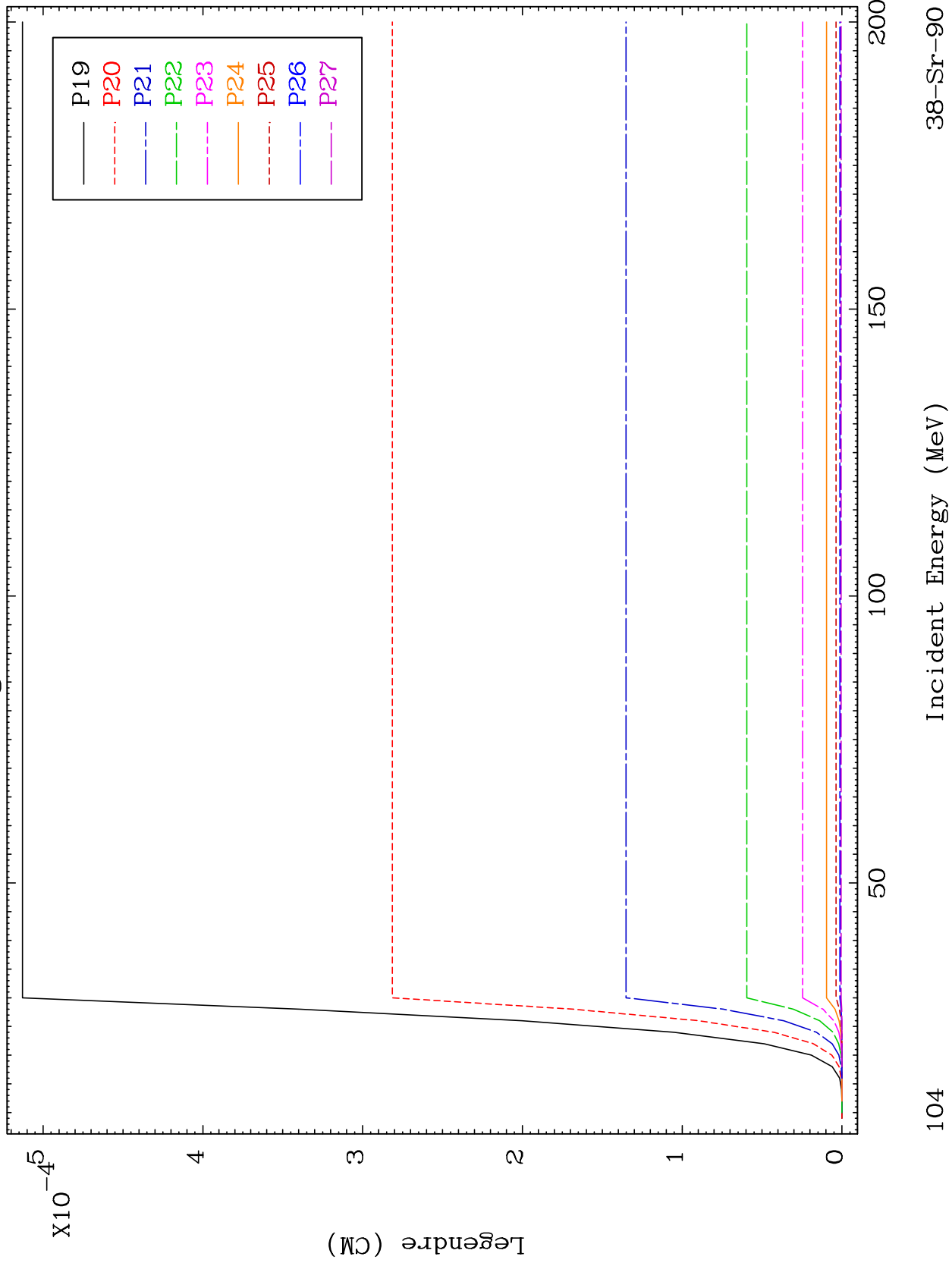
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

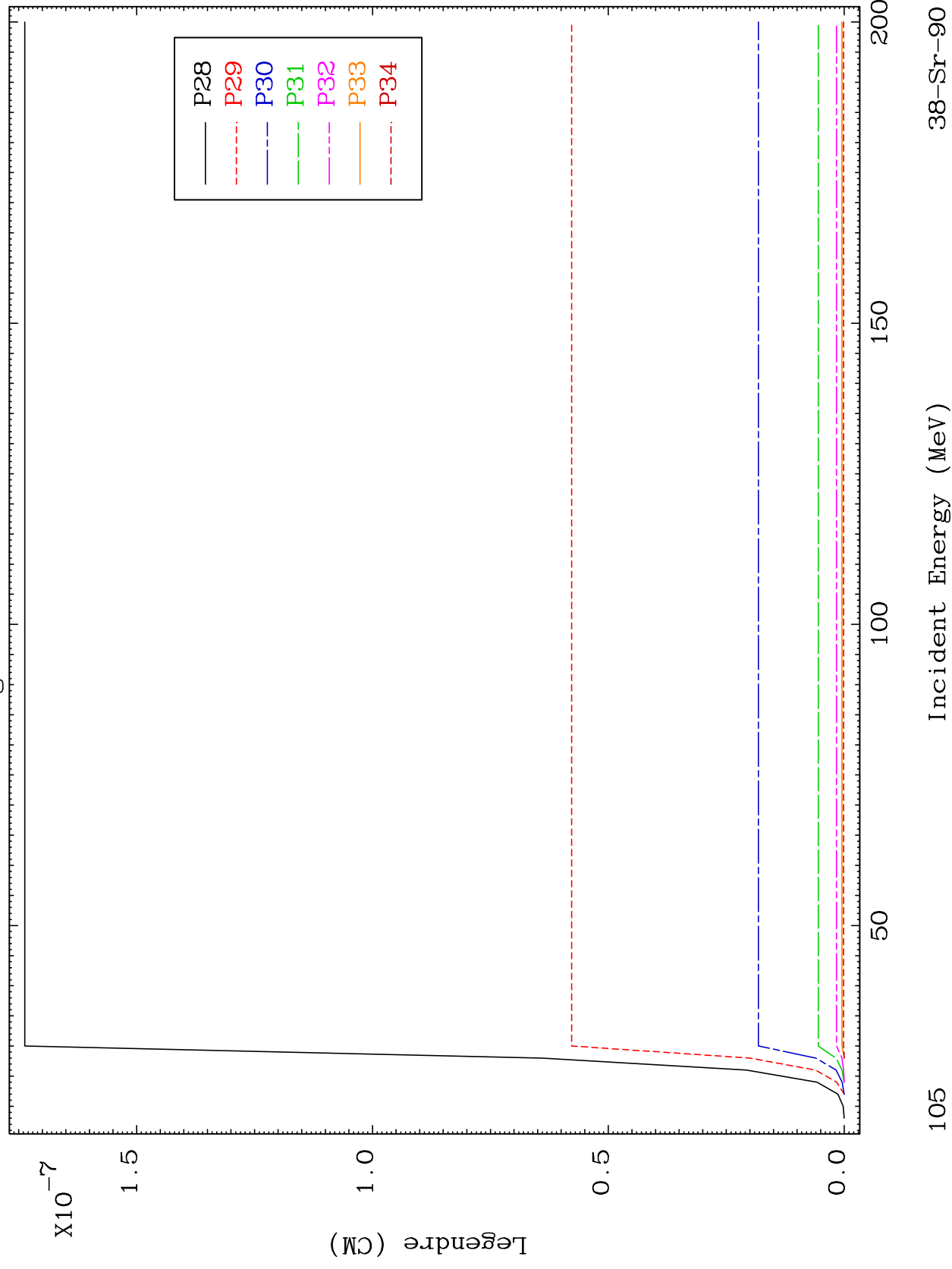
38-Sr-90



MAT 3843

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

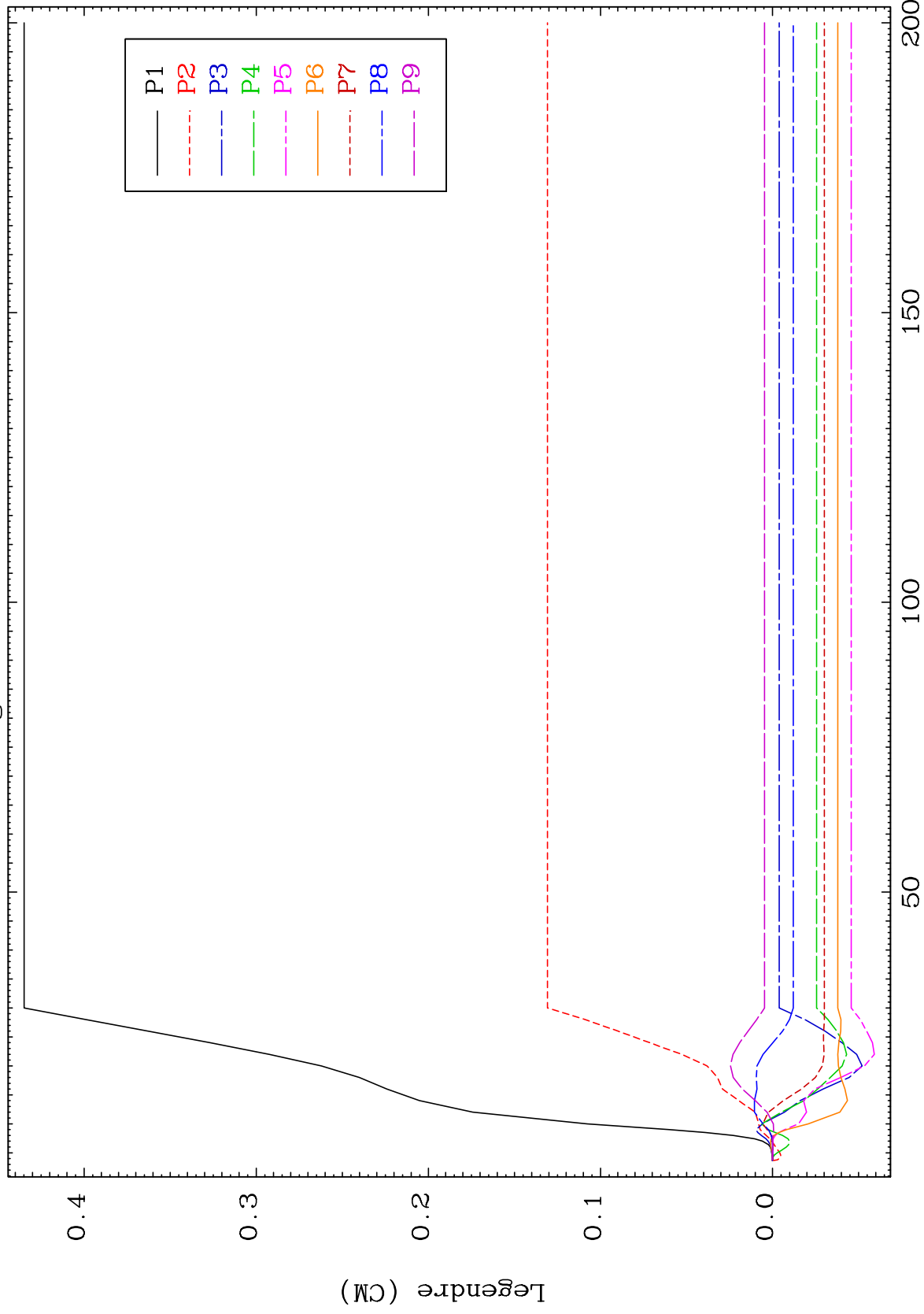
38-Sr-90



MAT 3843

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

38-Sr-90



106

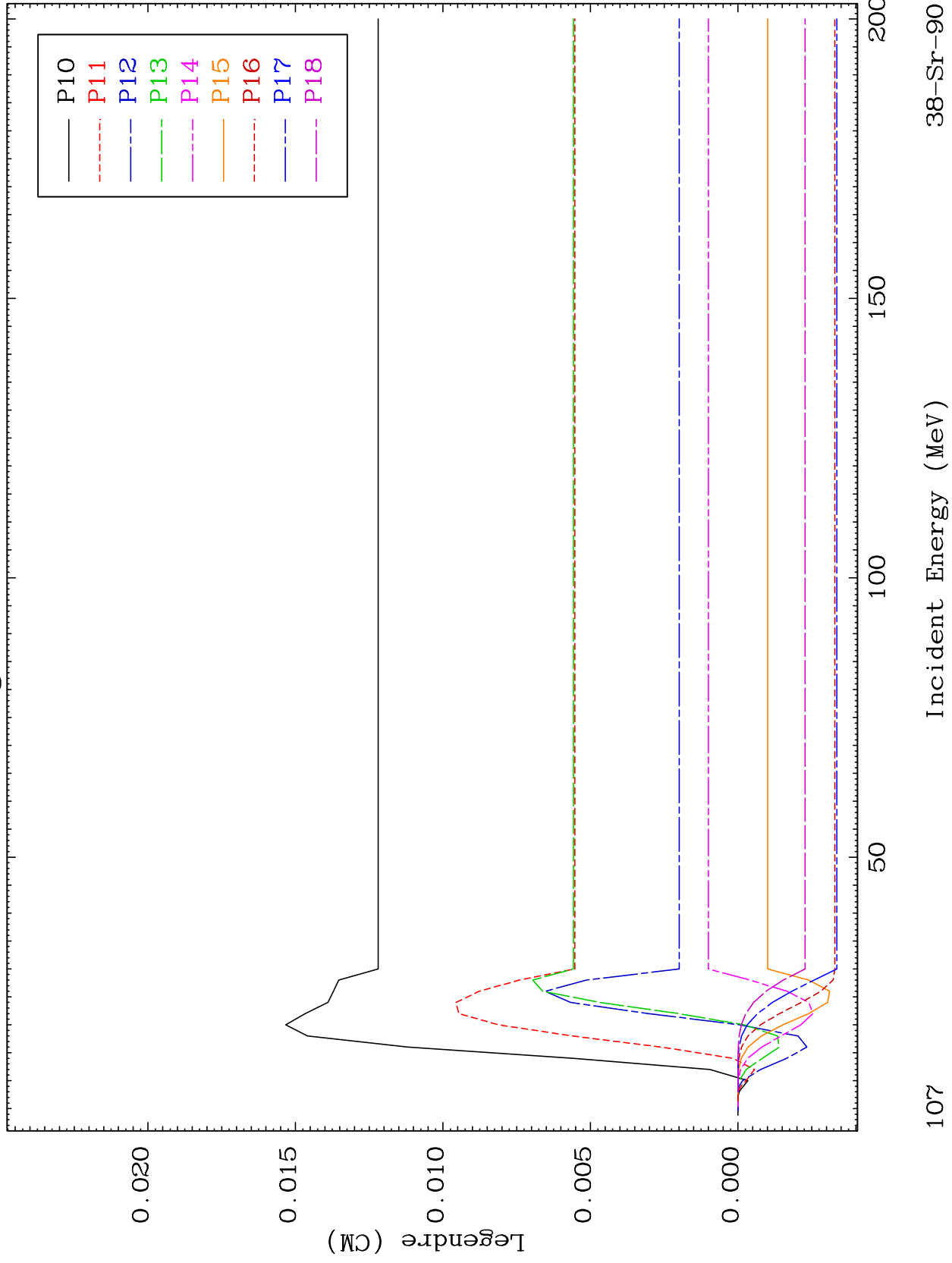
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

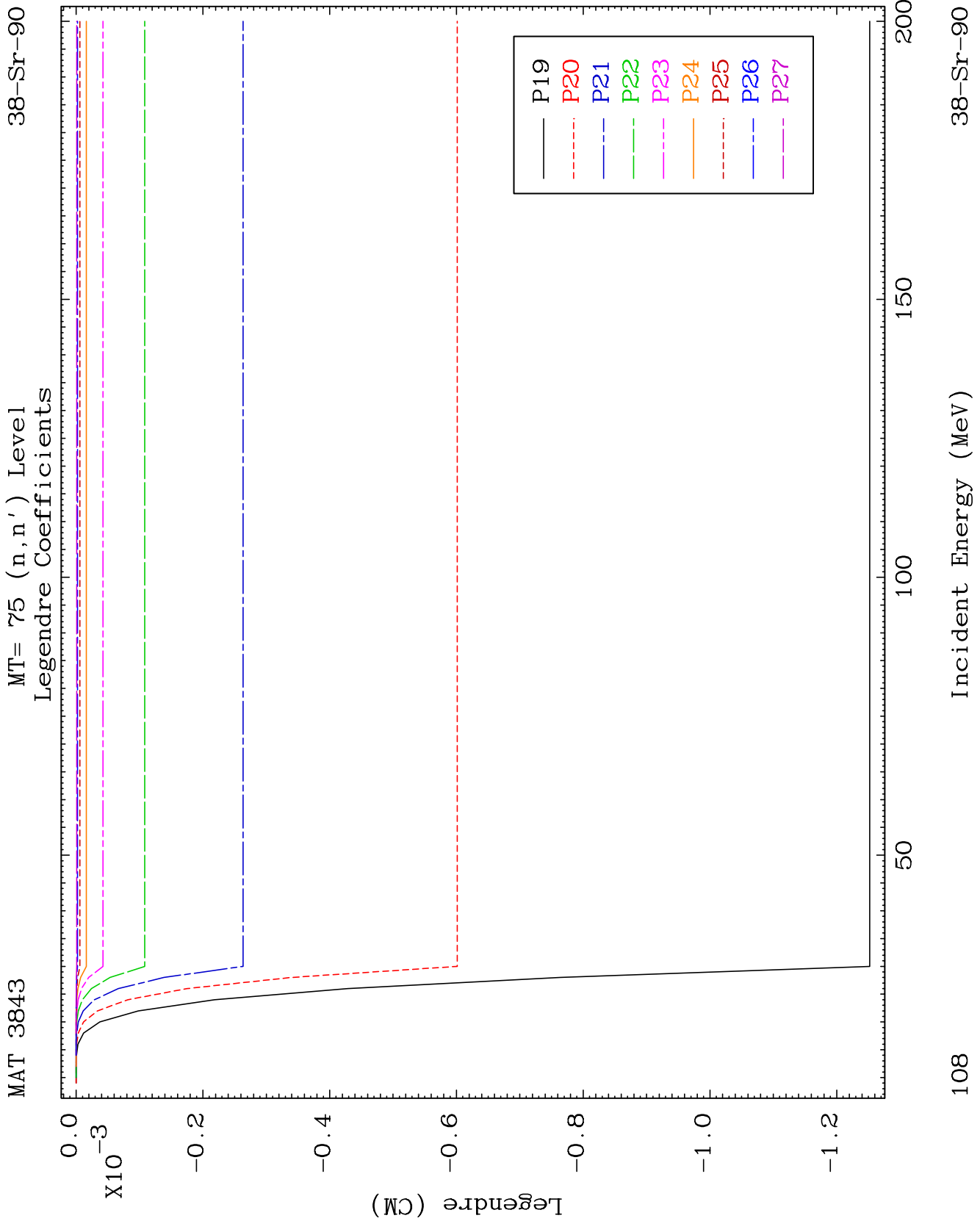
38-Sr-90



107

Incident Energy (MeV)

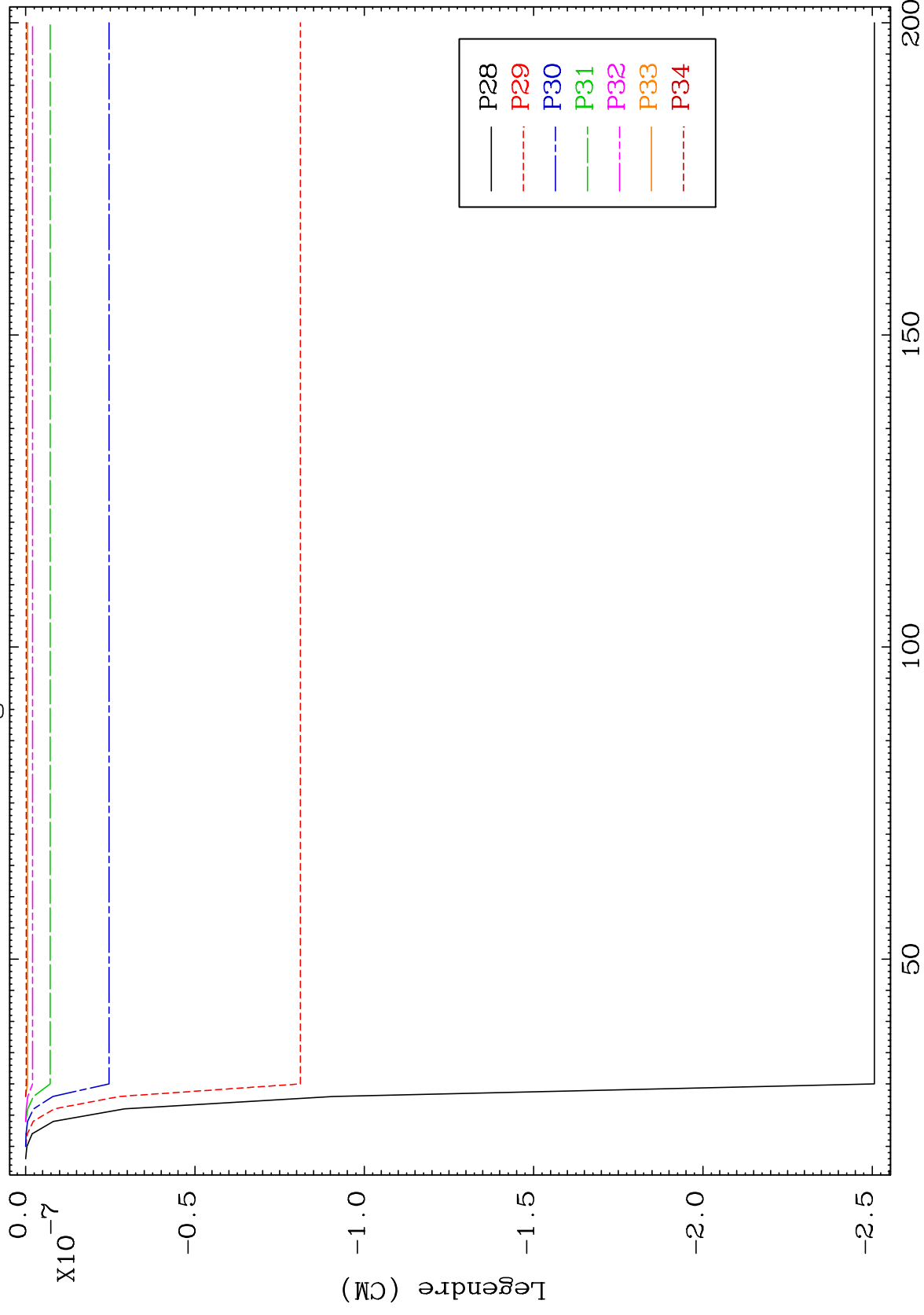
38-Sr-90



MAT 3843

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

38-Sr-90



38-Sr-90

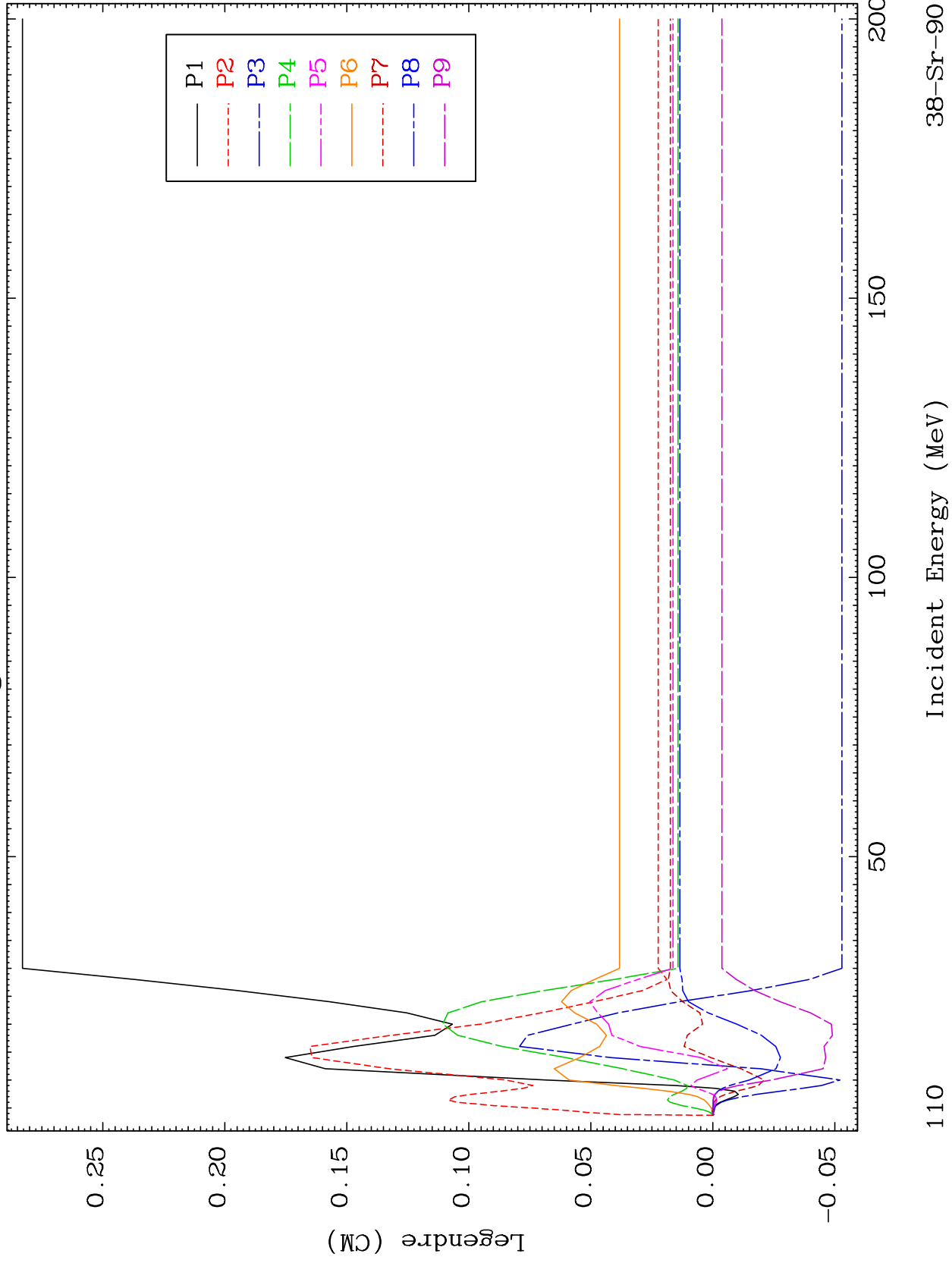
Incident Energy (MeV)

109

MAT 3843

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

38-Sr-90



110

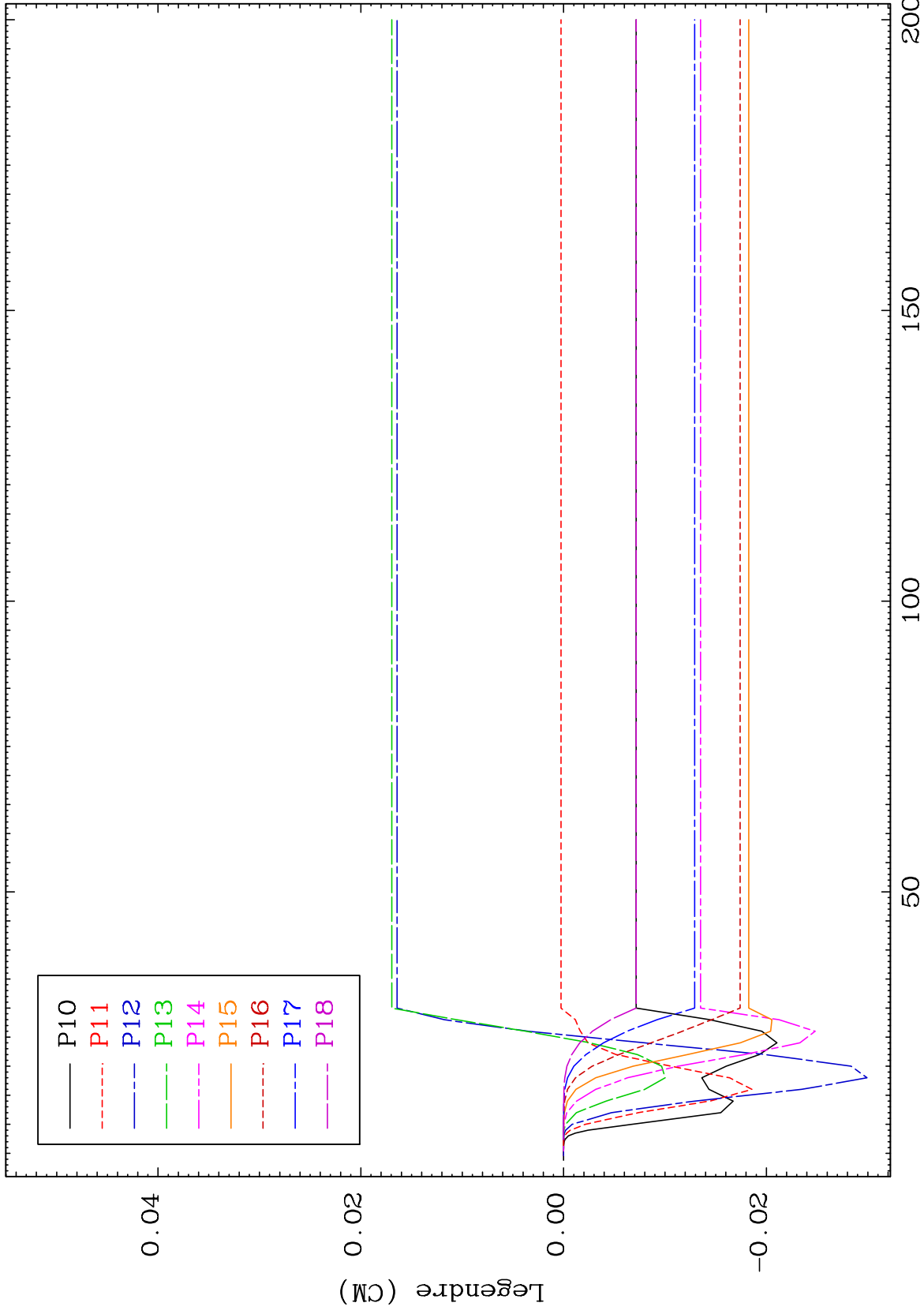
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

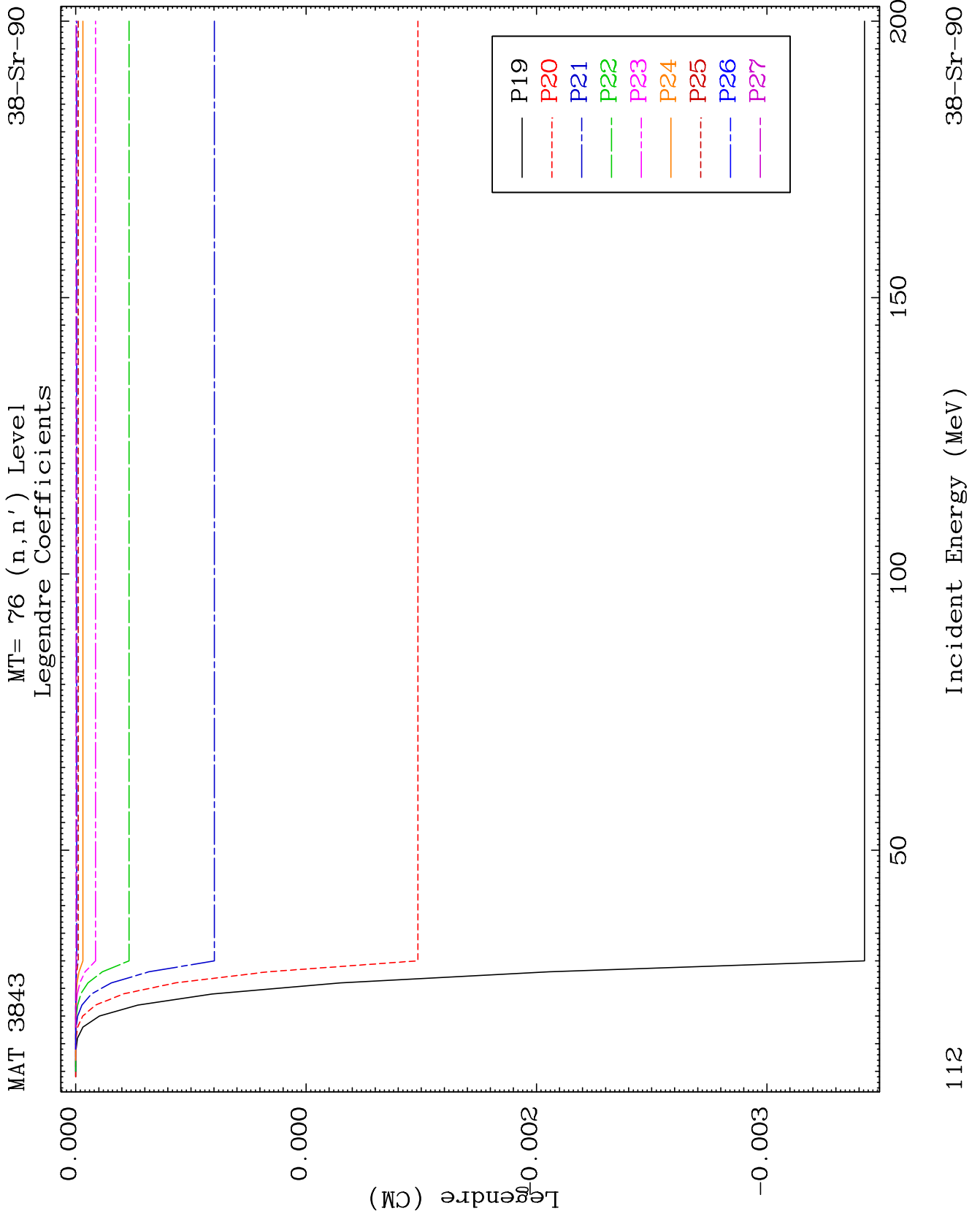
38-Sr-90

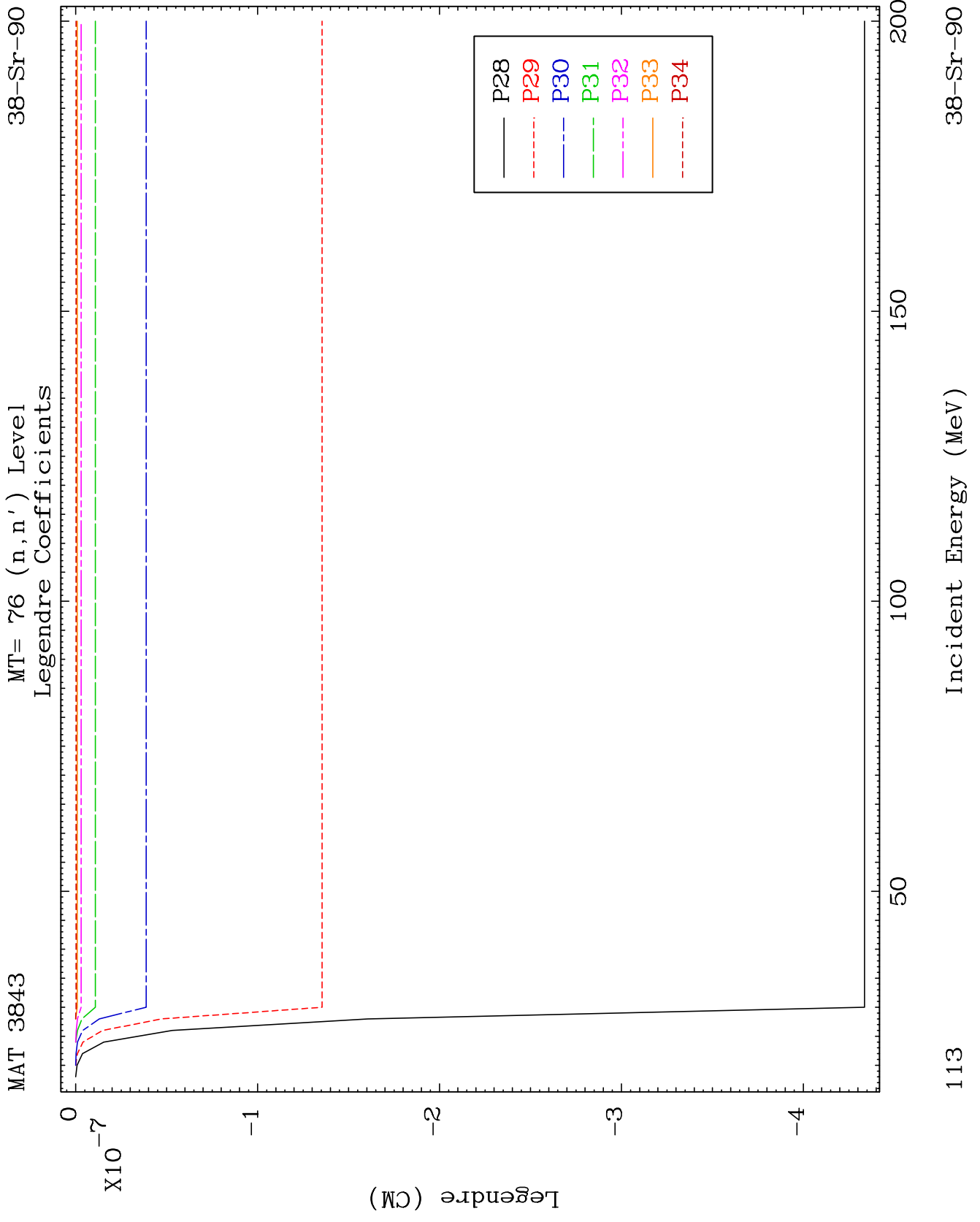


111

Incident Energy (MeV)

38-Sr-90

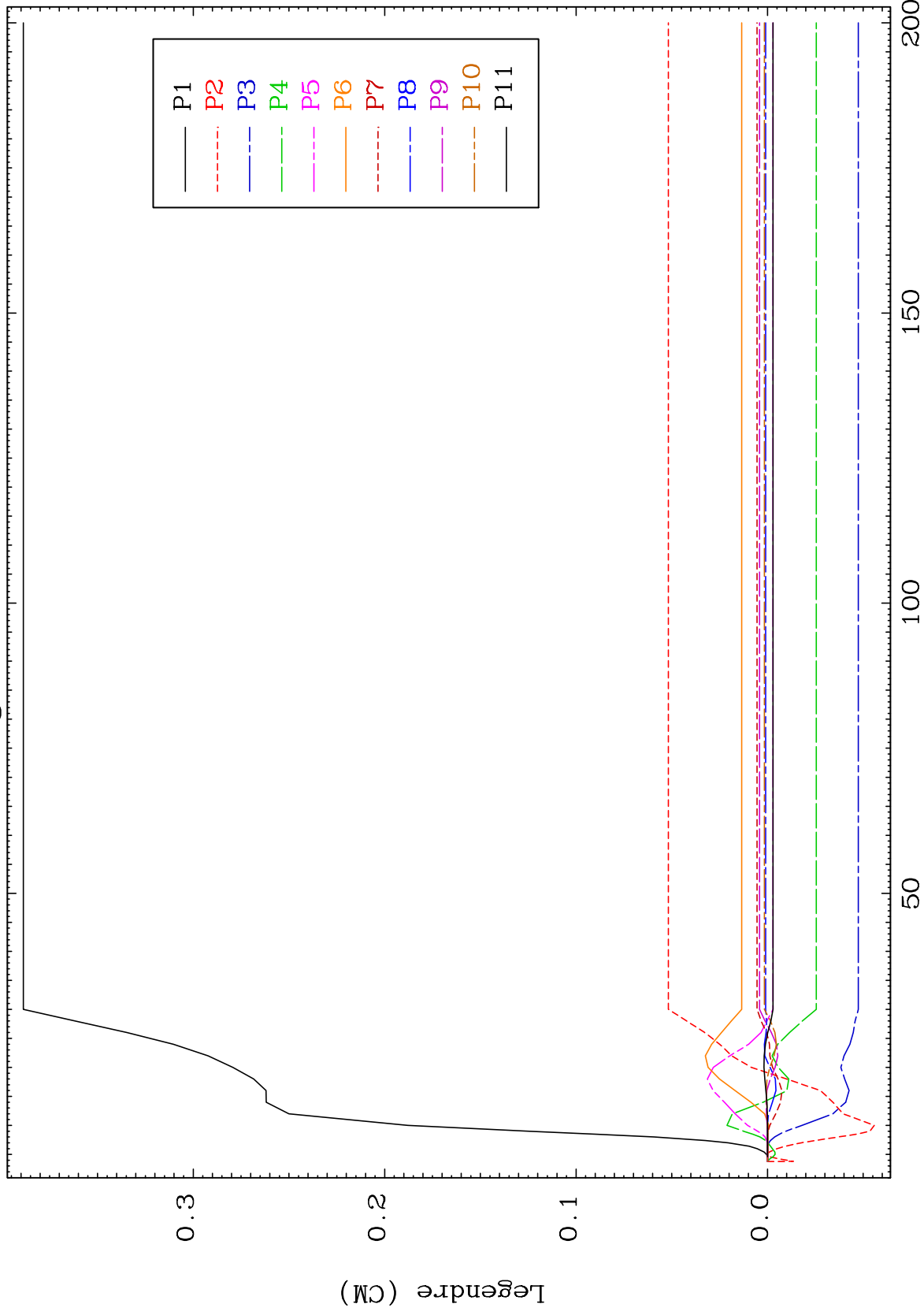




MAT 3843

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

38-Sr-90



114

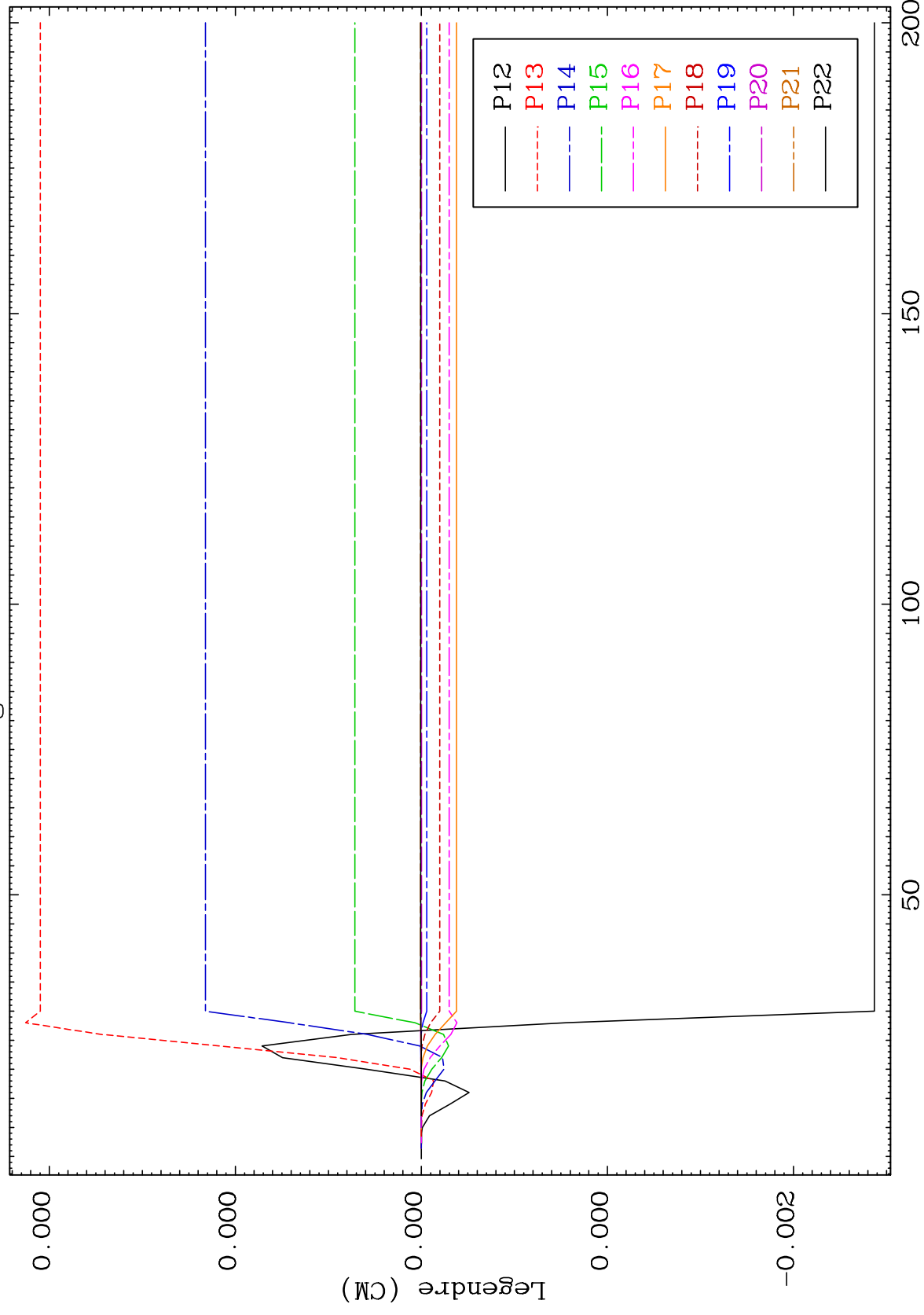
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



115

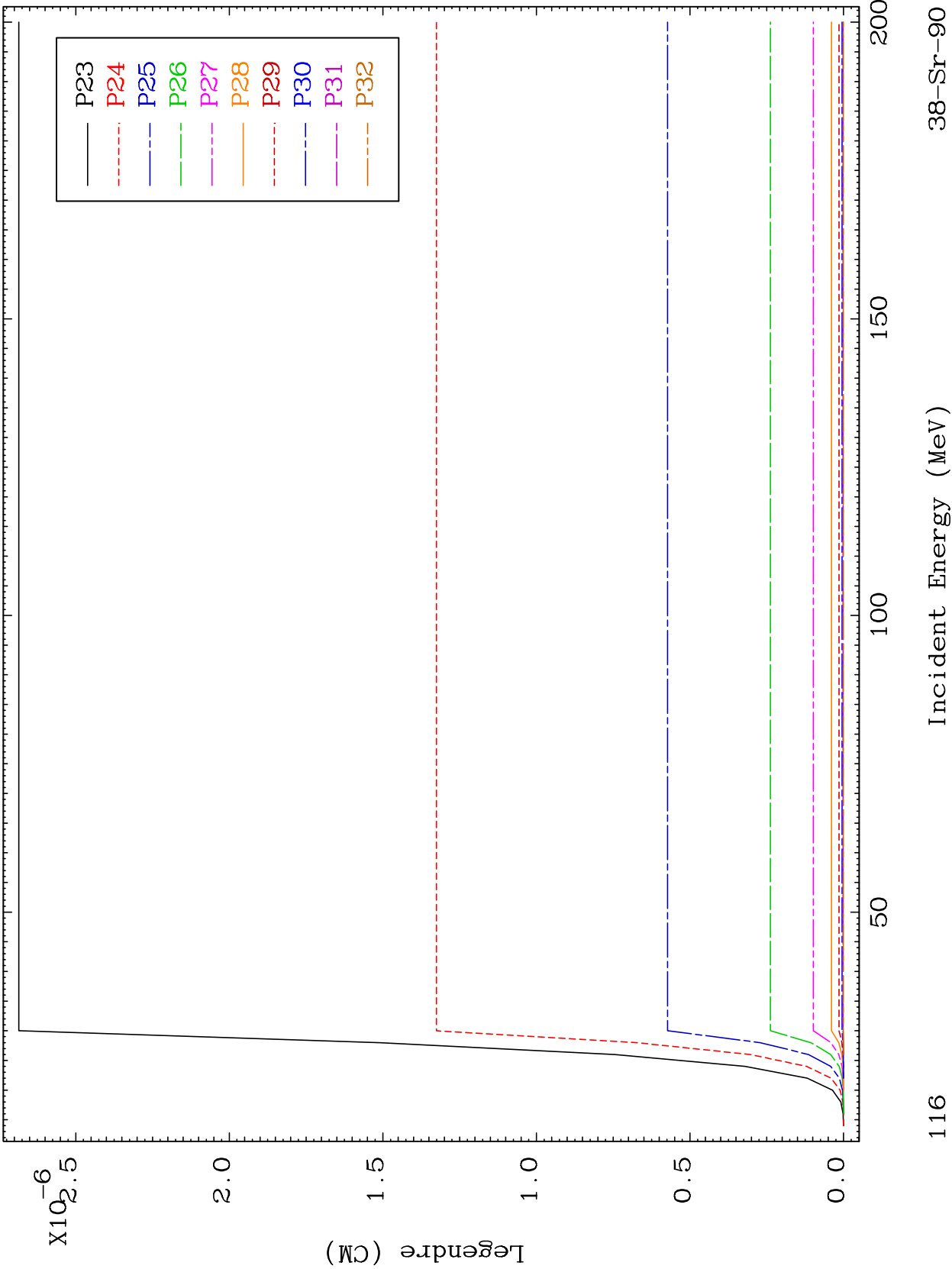
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



116

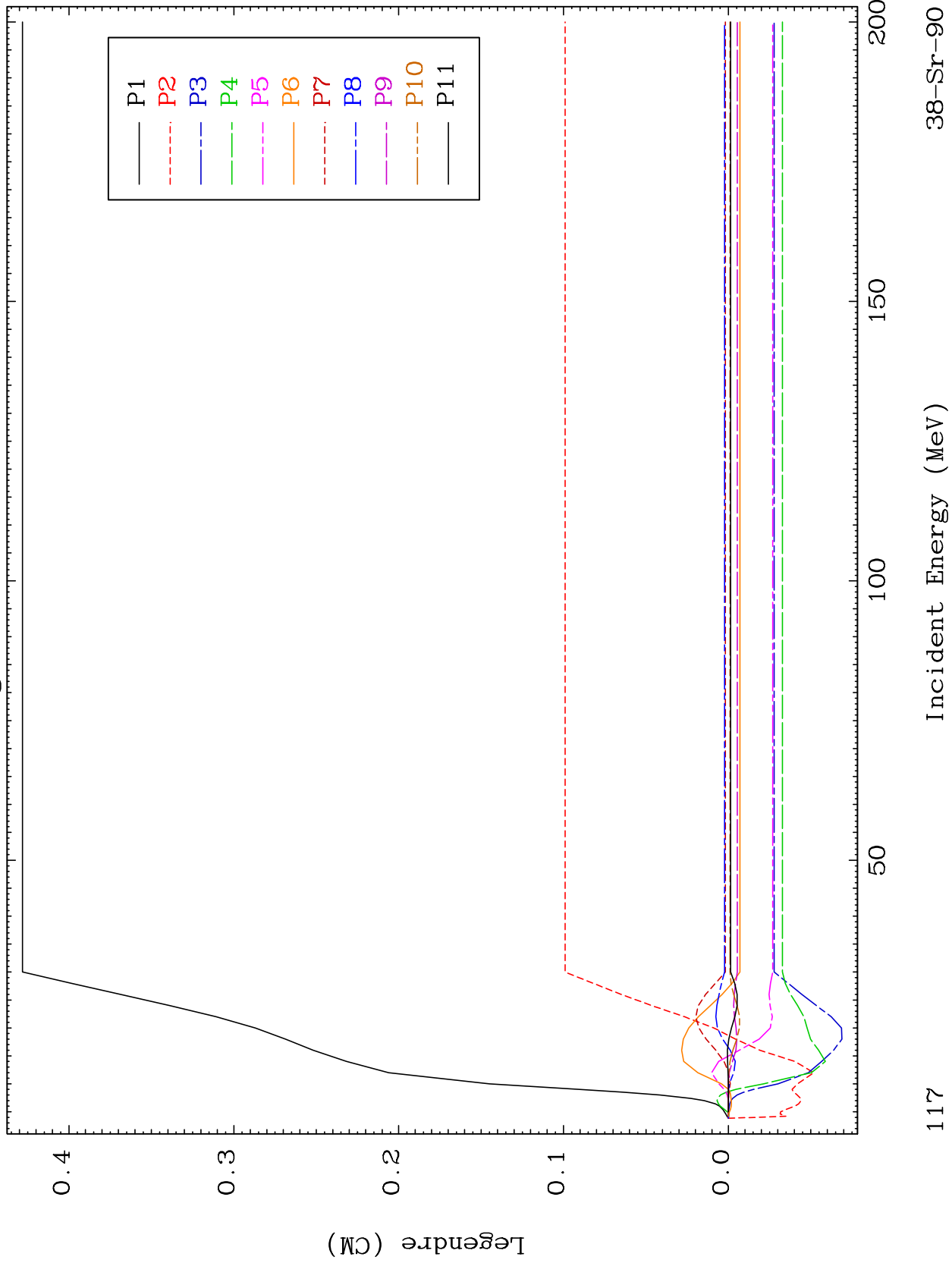
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

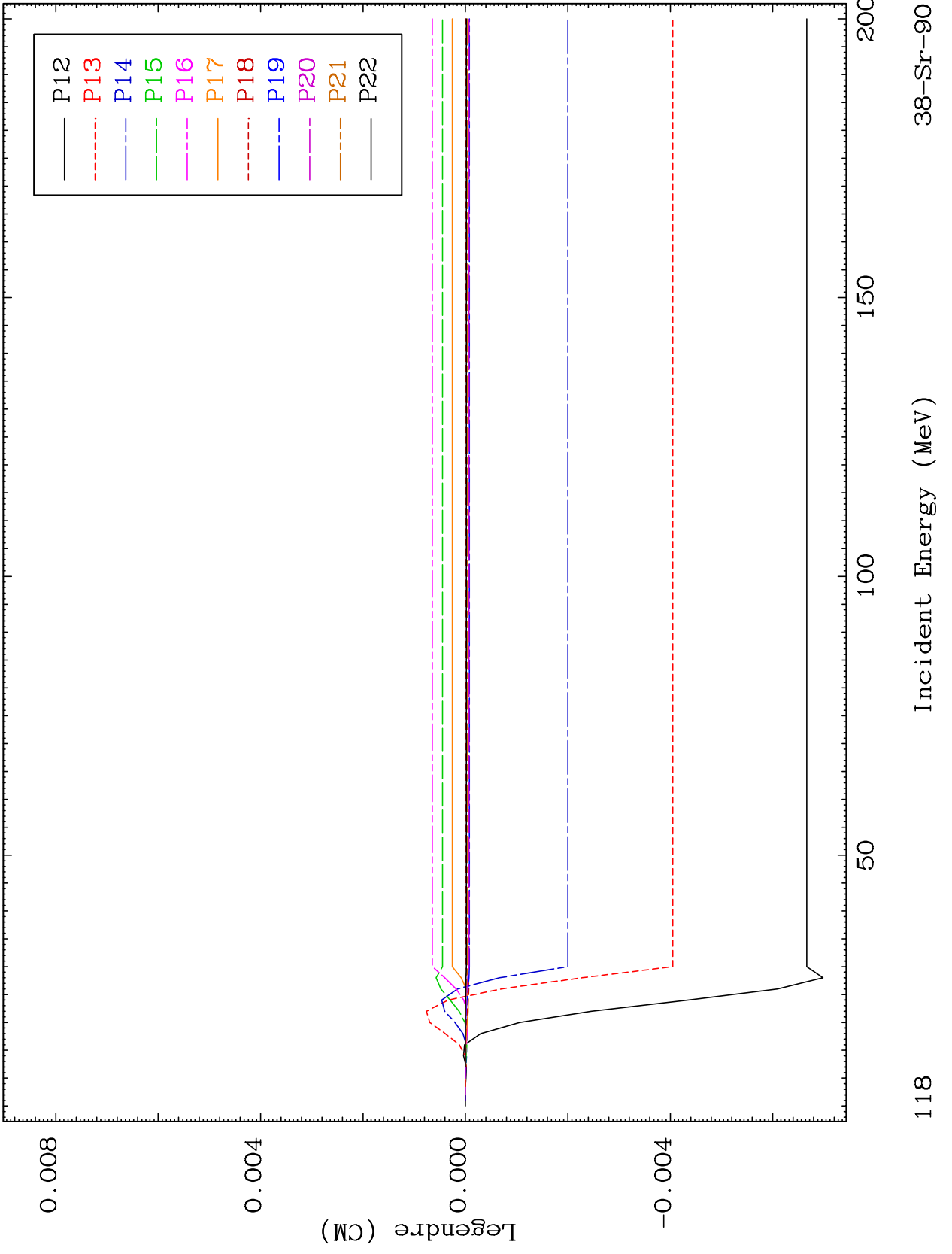
38-Sr-90



MAT 3843

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

38-Sr-90



118

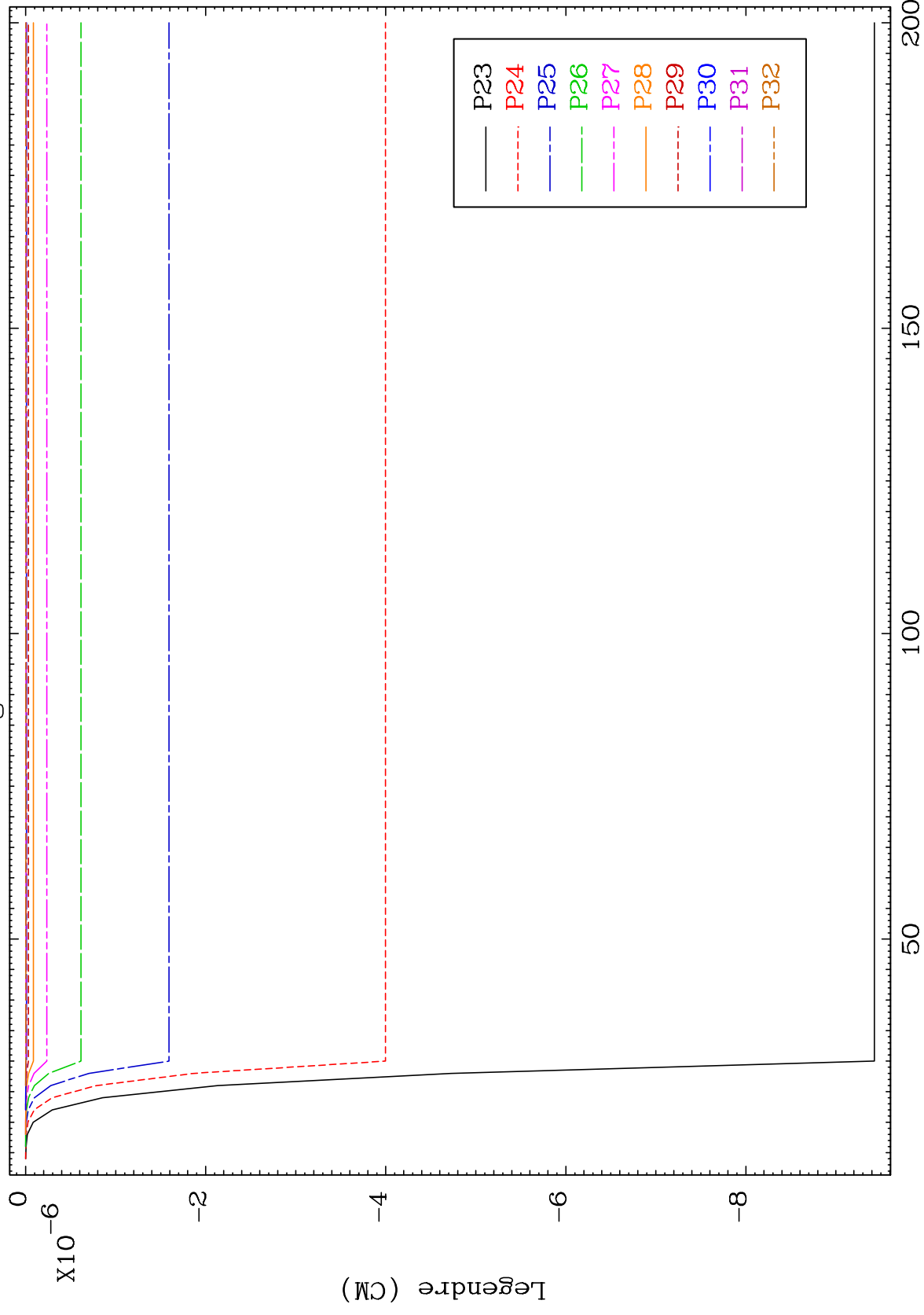
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



119

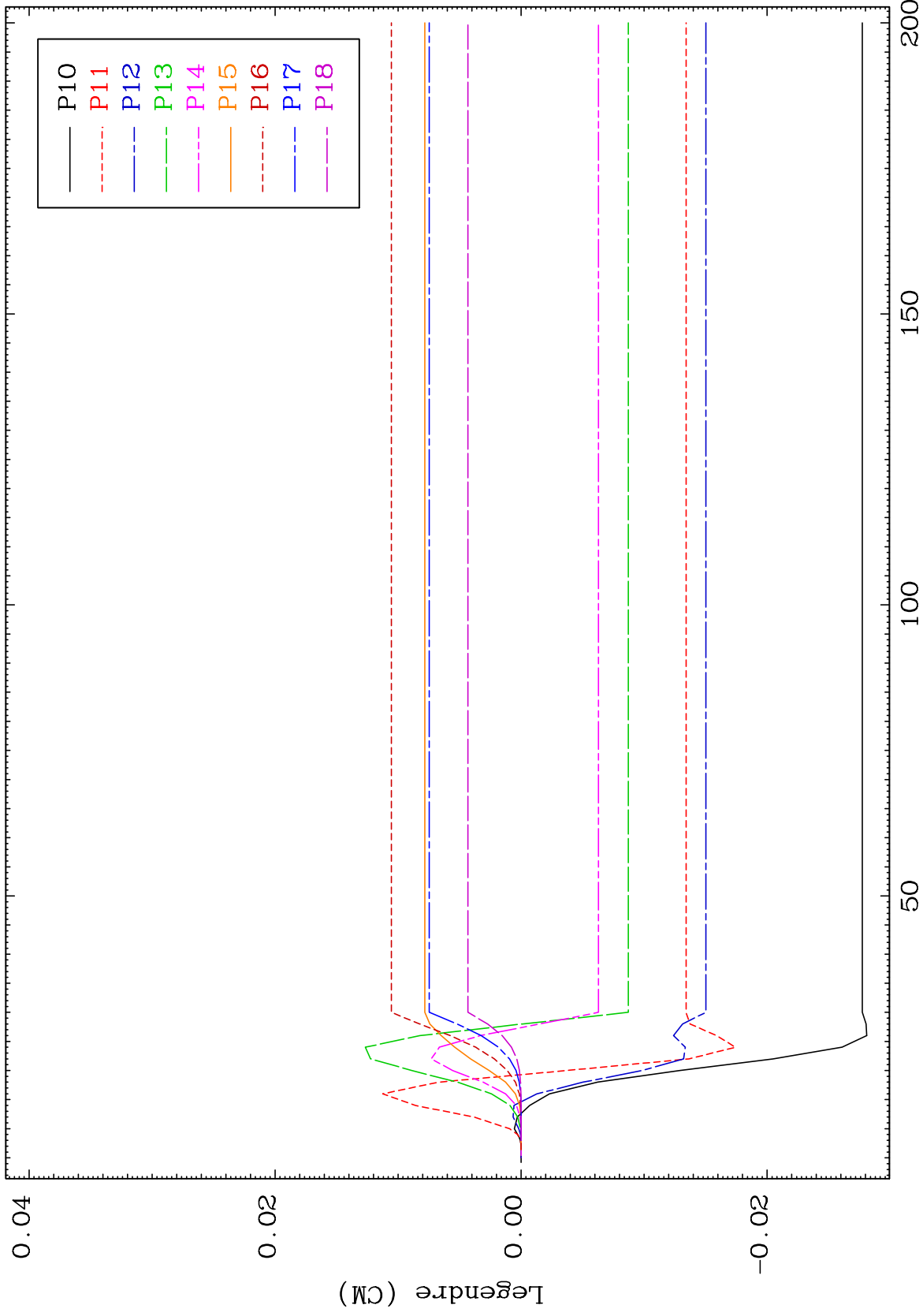
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



121

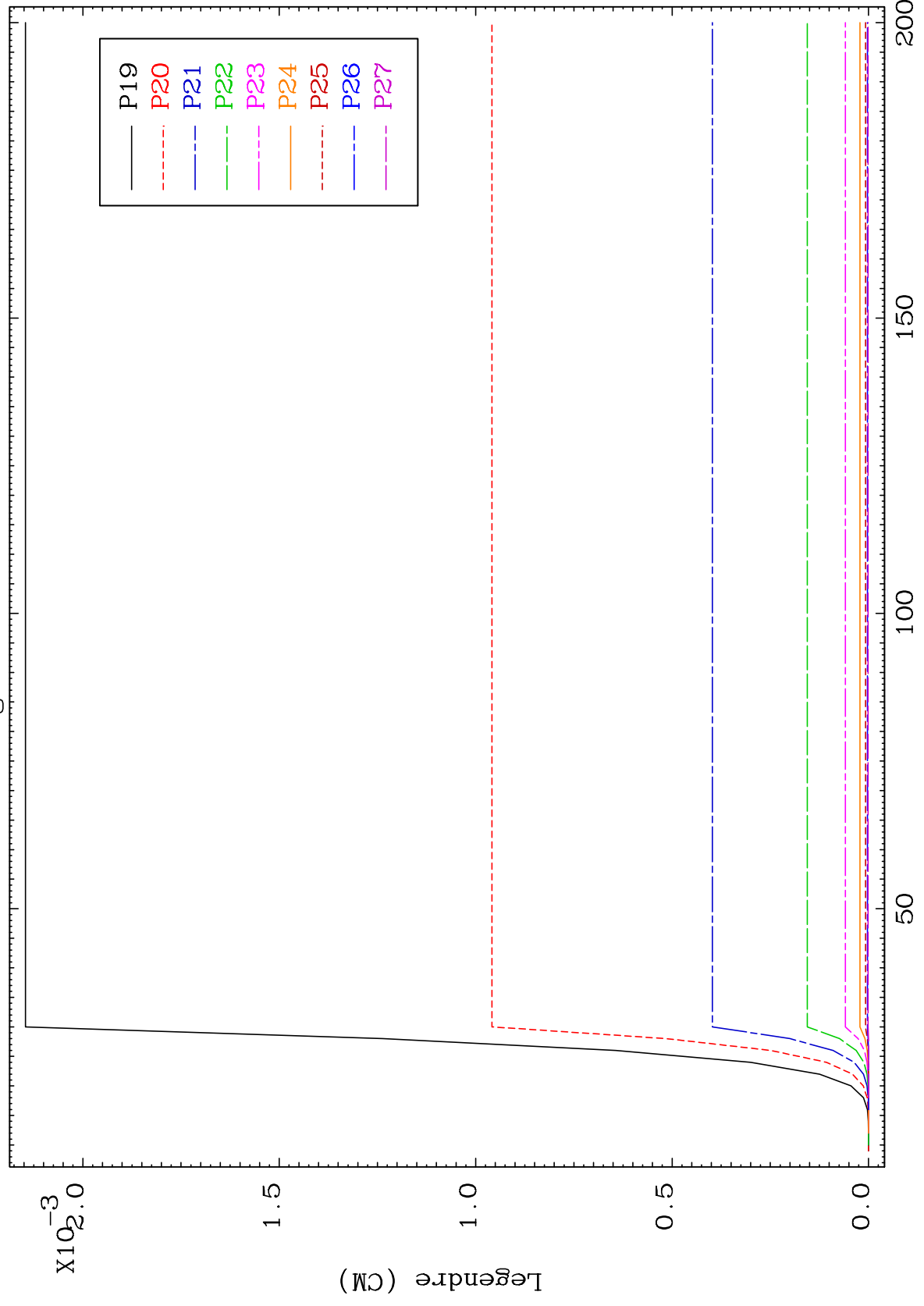
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



122

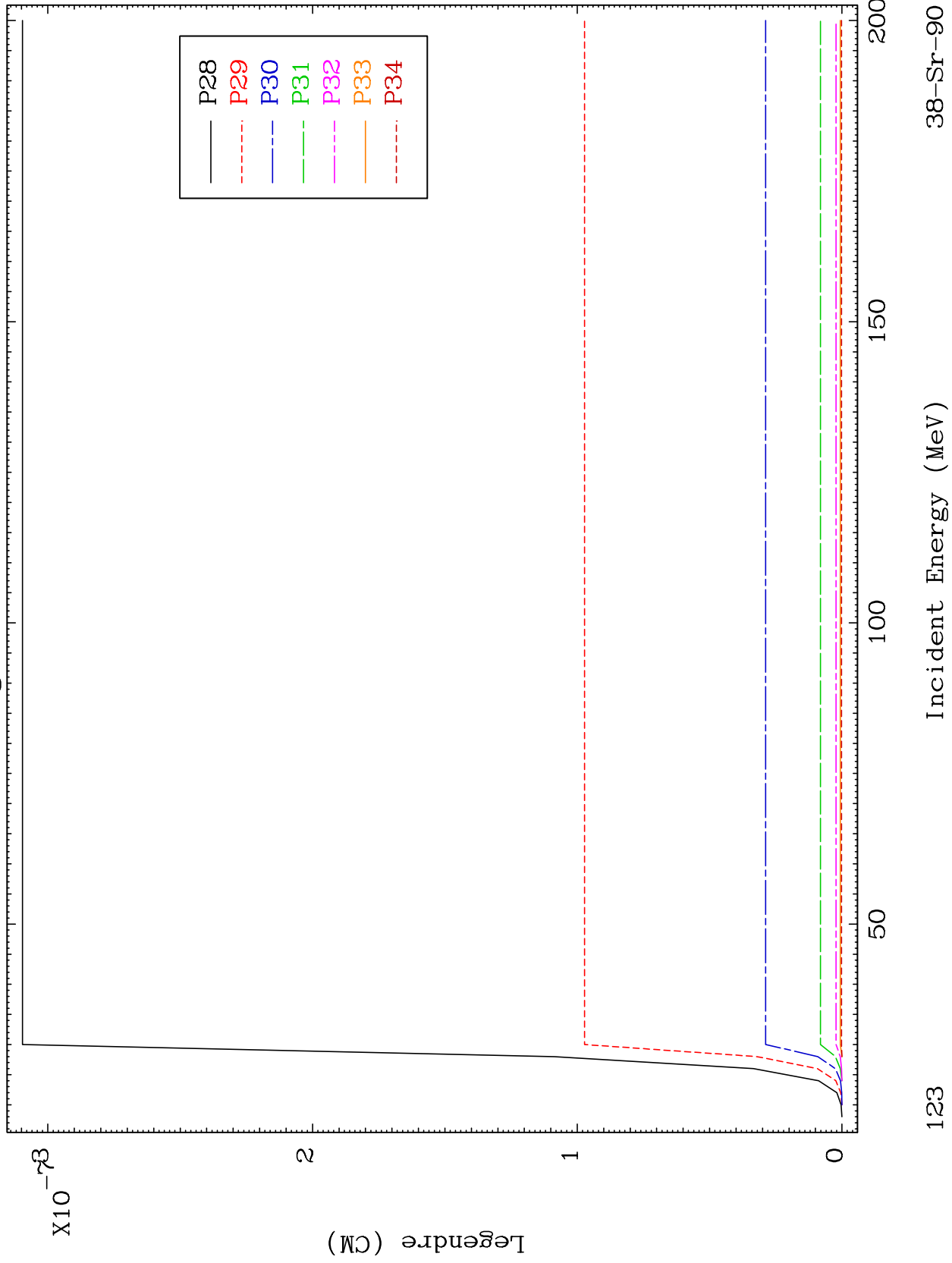
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90

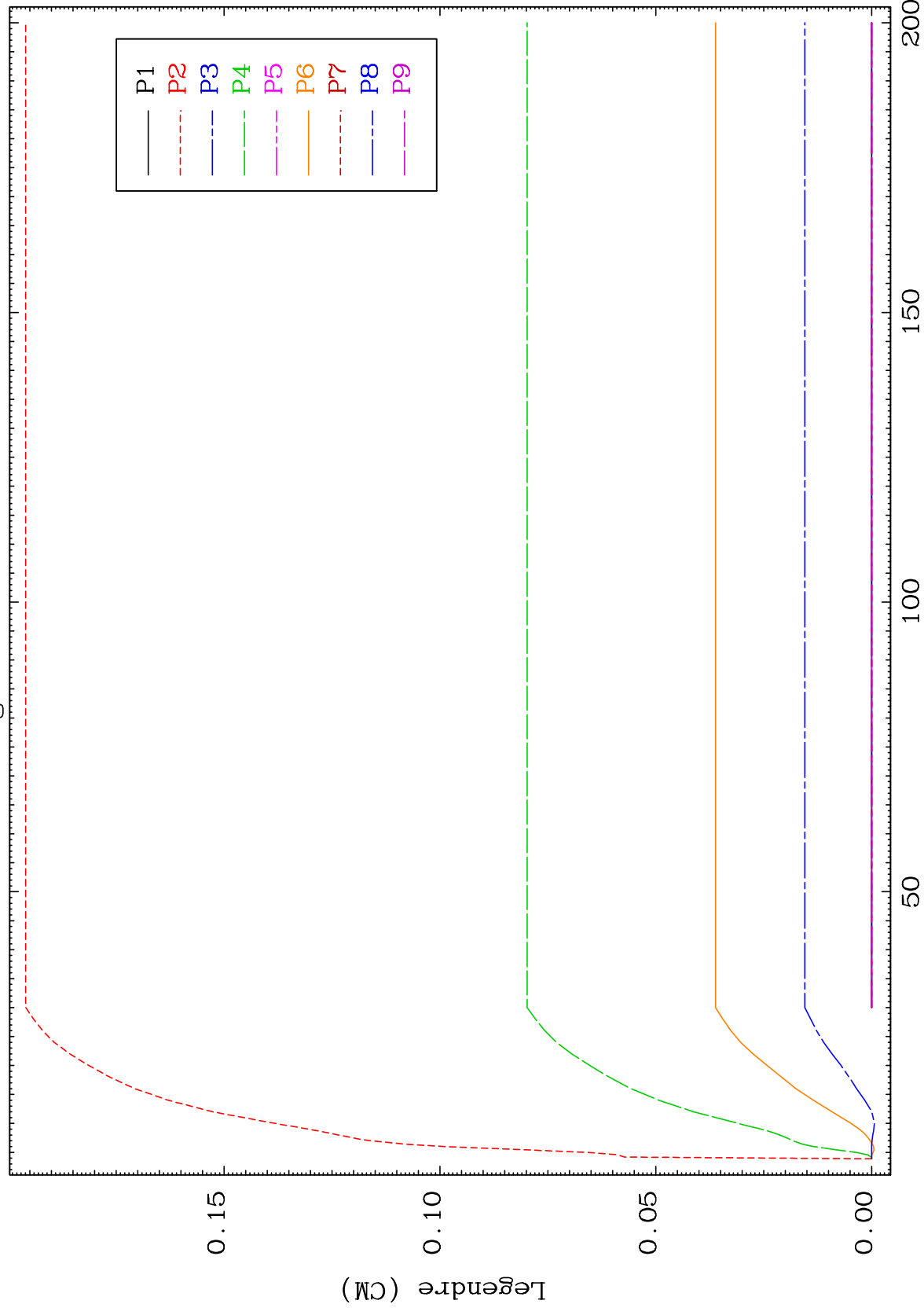


123

MAT 3843

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

38-Sr-90



124

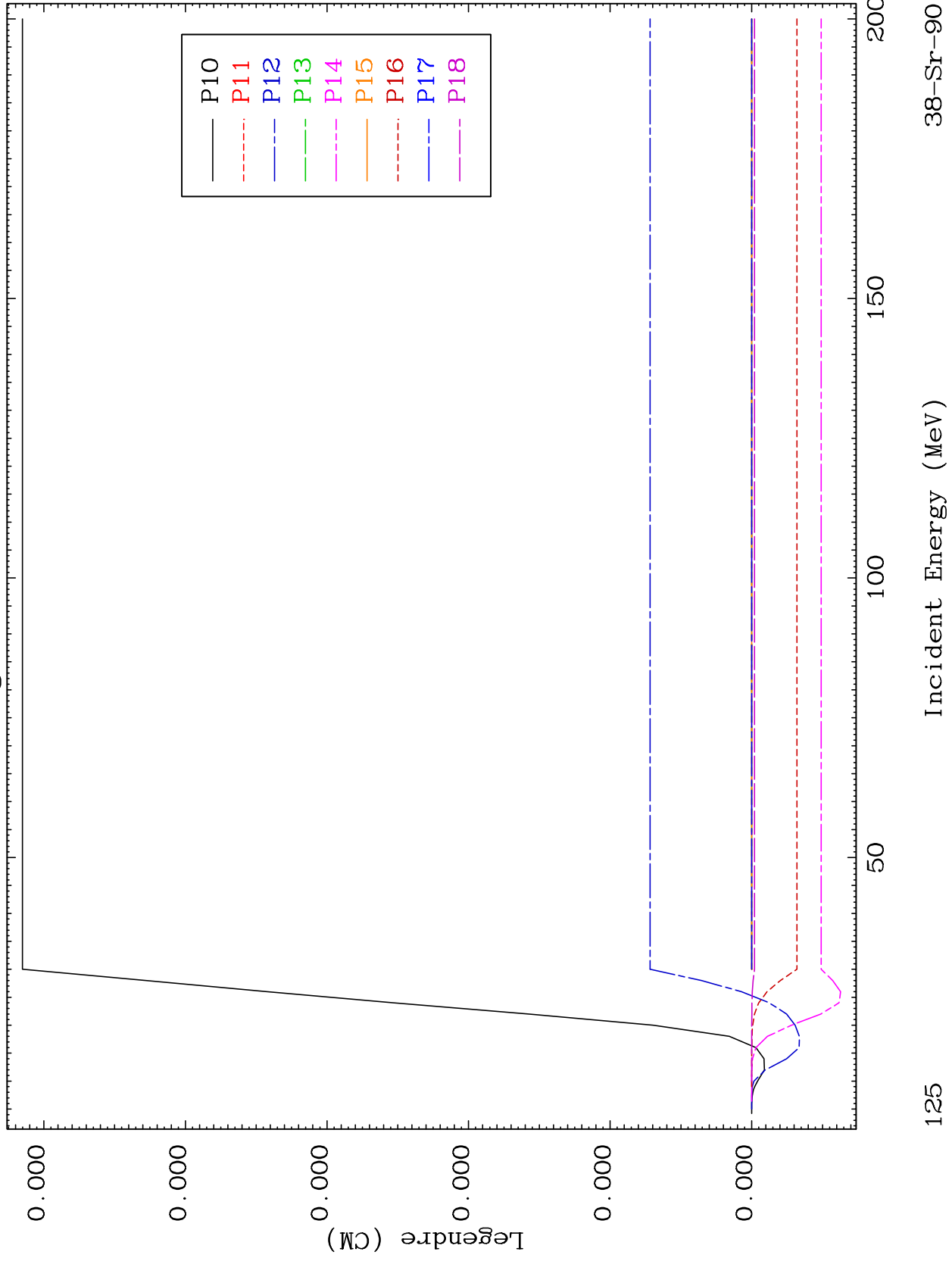
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



125

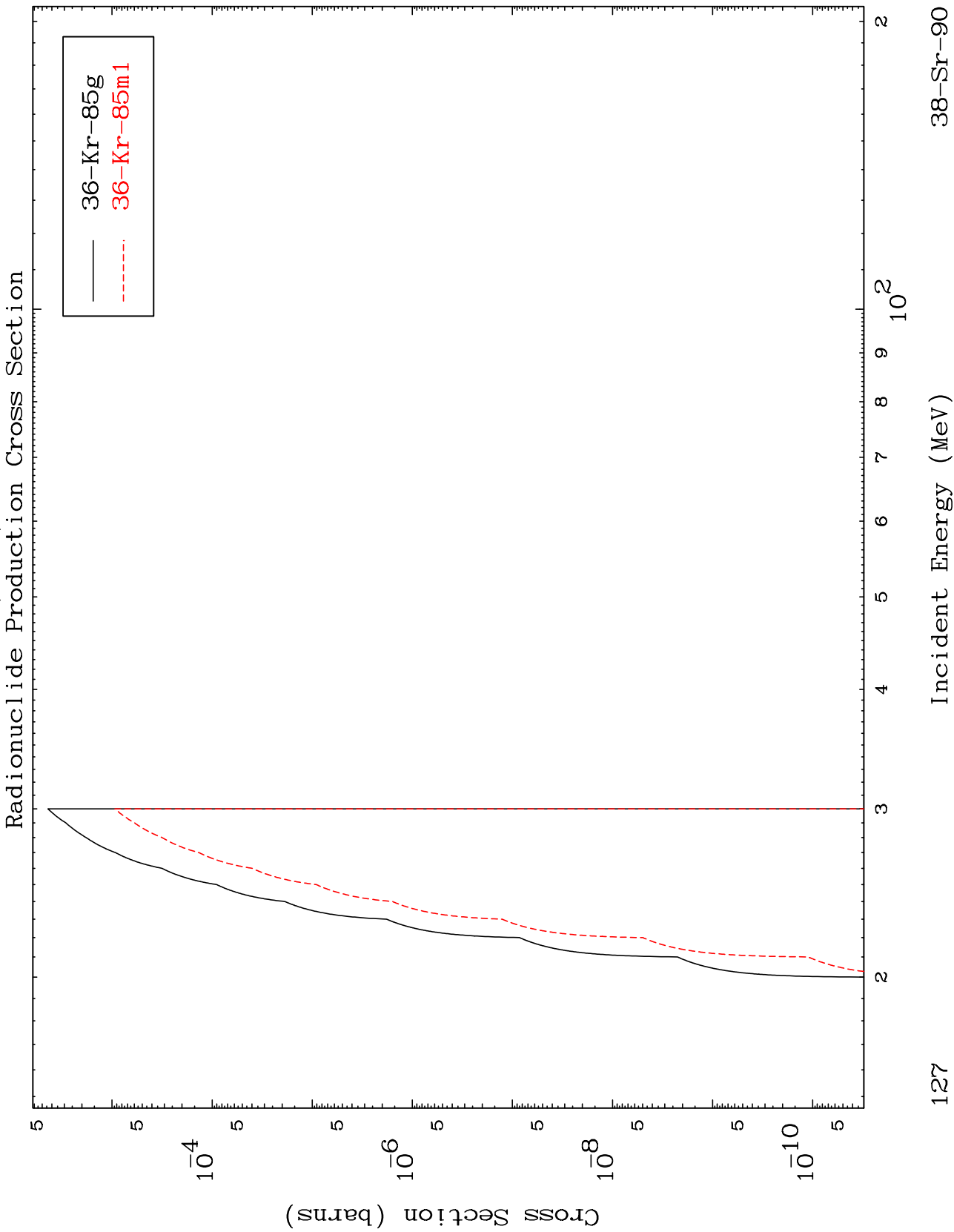
Incident Energy (MeV)

38-Sr-90

MAT 3843

$(n,2n) \alpha$

38-Sr-90



127

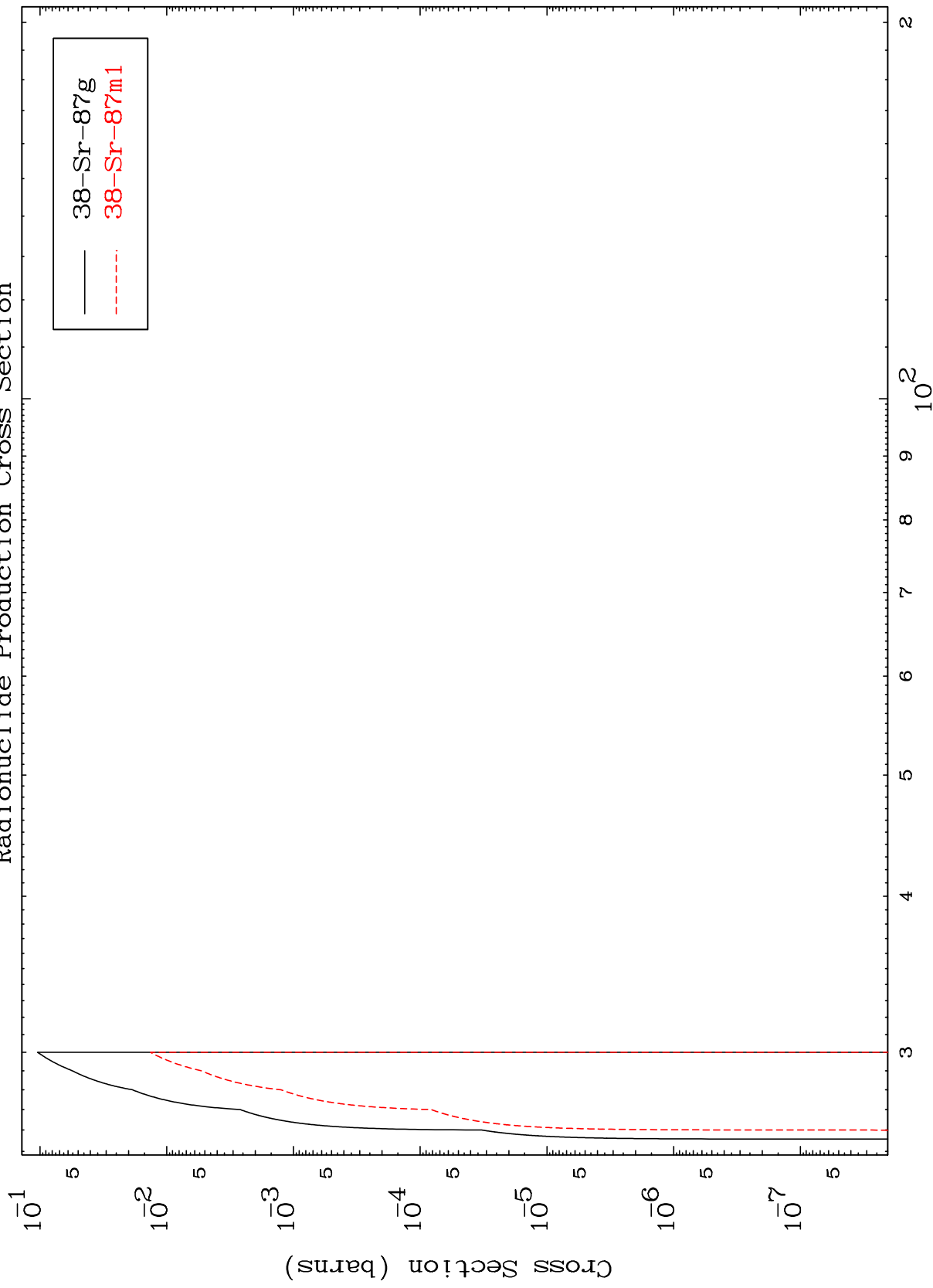
Incident Energy (MeV)

38-Sr-90

MAT 3843

³⁸Sr-90

(n,4n)
Radionuclide Production Cross Section



128

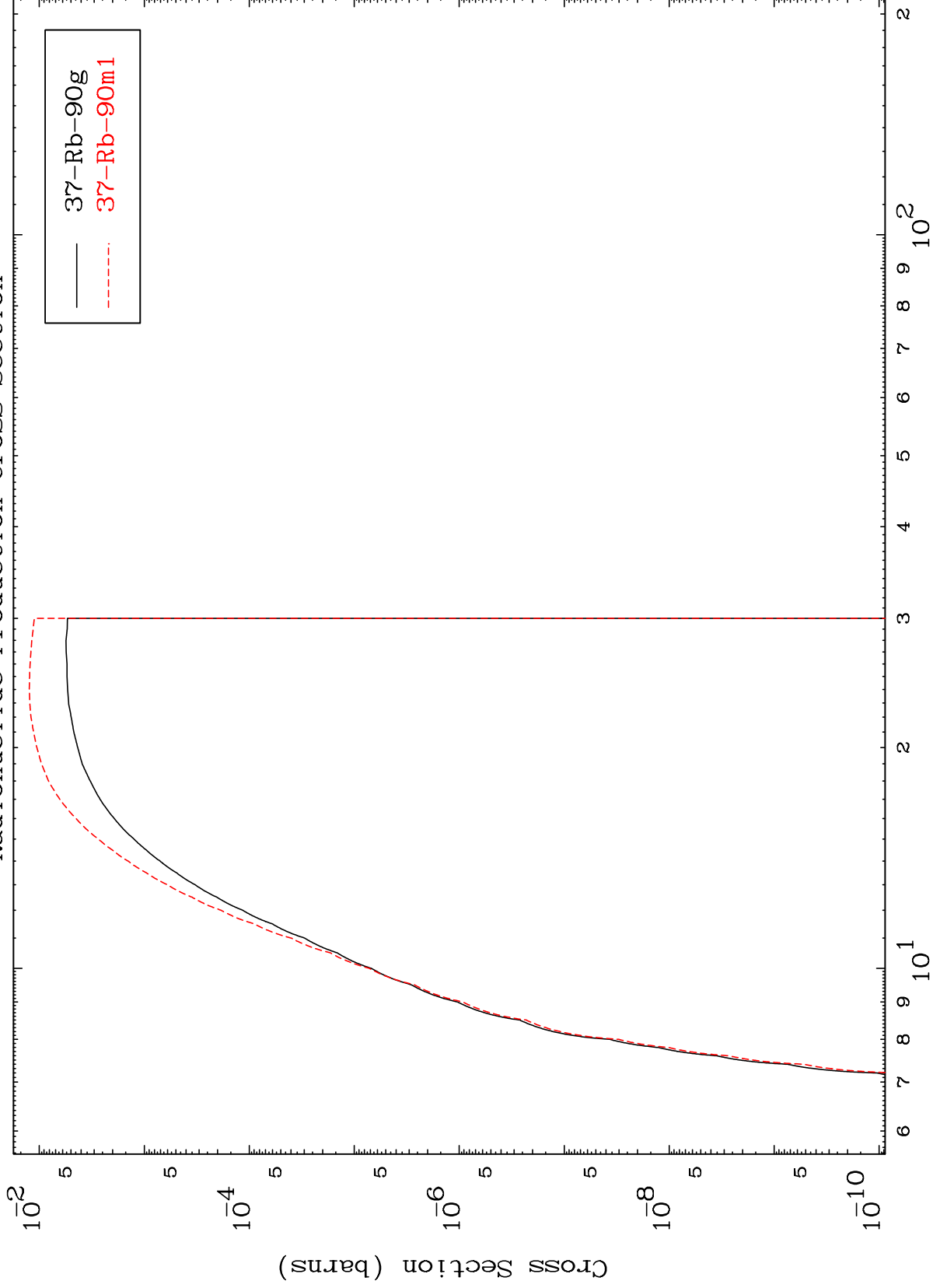
³⁸Sr-90

Incident Energy (MeV)

MAT 3843

38-Sr-90

(n,p)
Radionuclide Production Cross Section



129

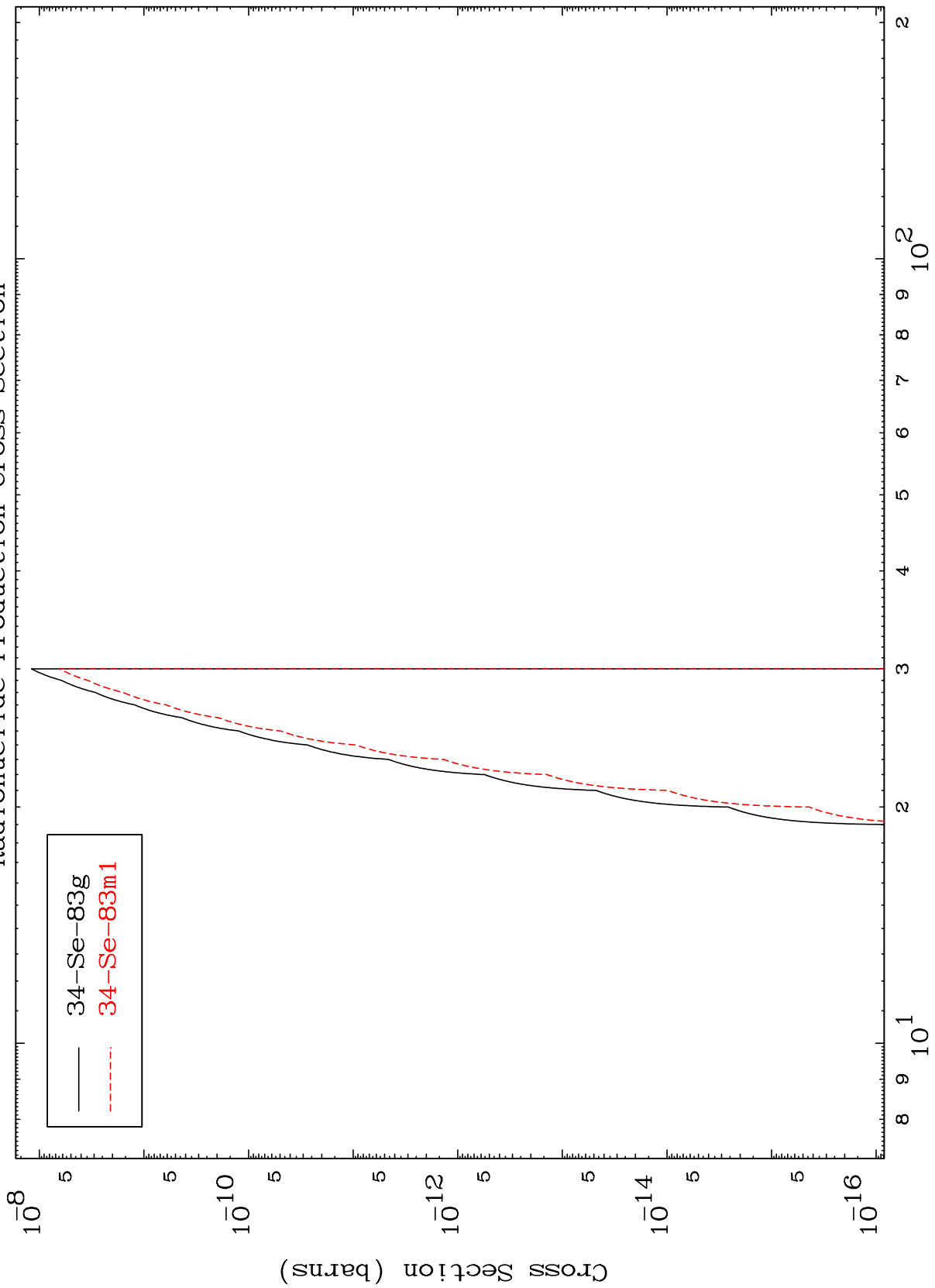
Incident Energy (MeV)

38-Sr-90

MAT 3843

38-Sr-90

(n,2α)
Radionuclide Production Cross Section



130

Incident Energy (MeV)

38-Sr-90