

Program EVALPLOT
(Version 2017-1)

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

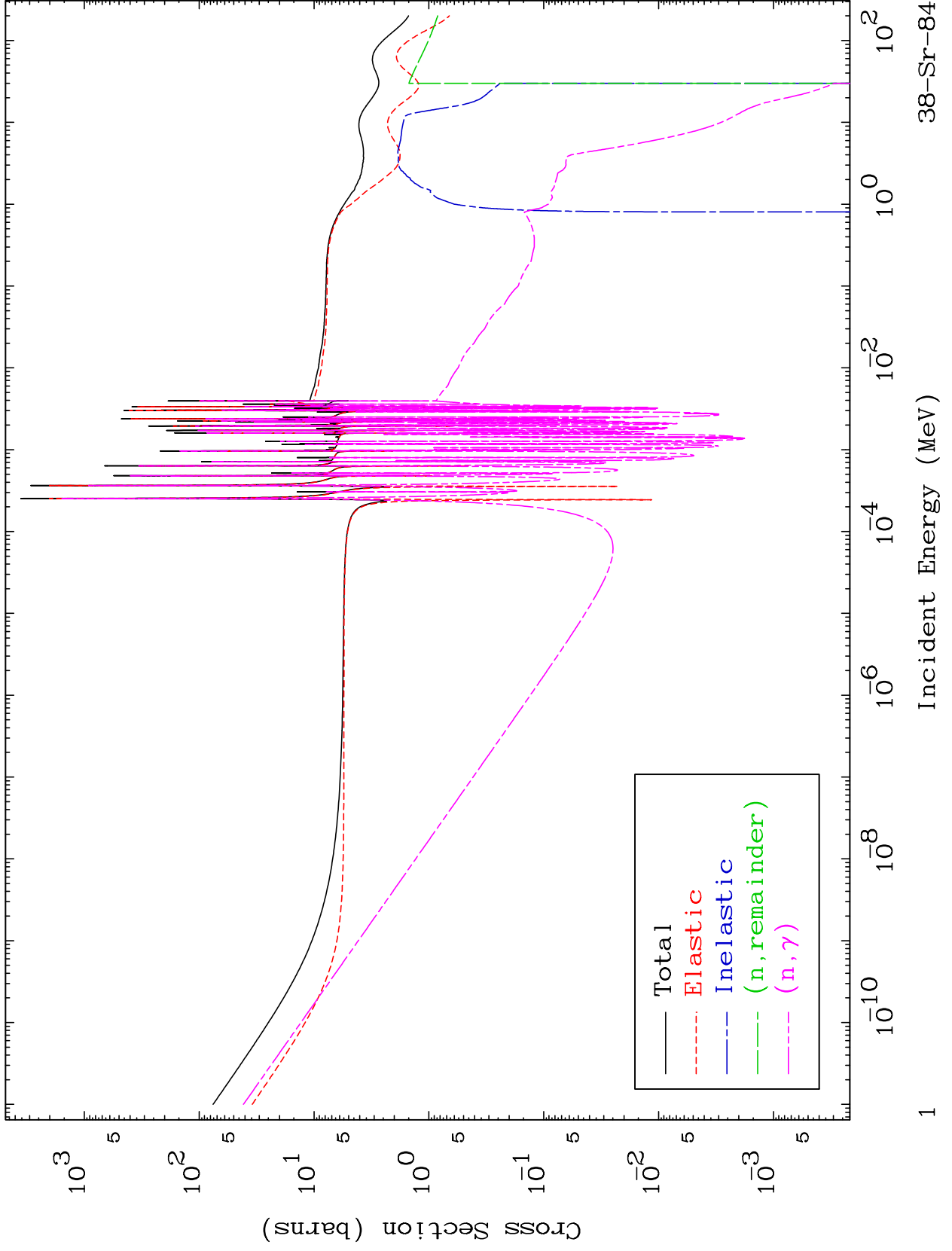
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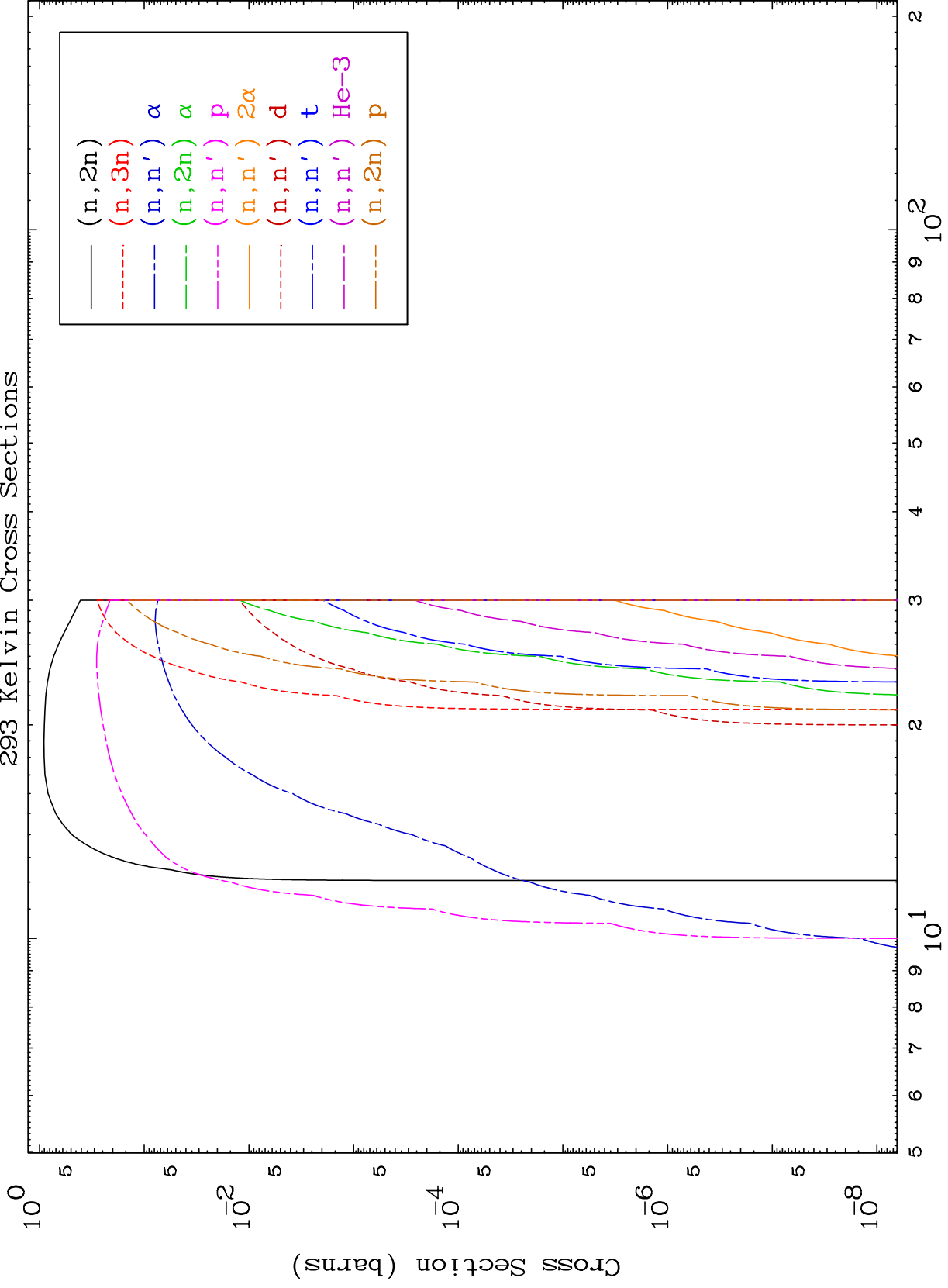
Press Mouse Button to Start

MAT 3825

Major
293 Kelvin Cross Sections

38-Sr-84

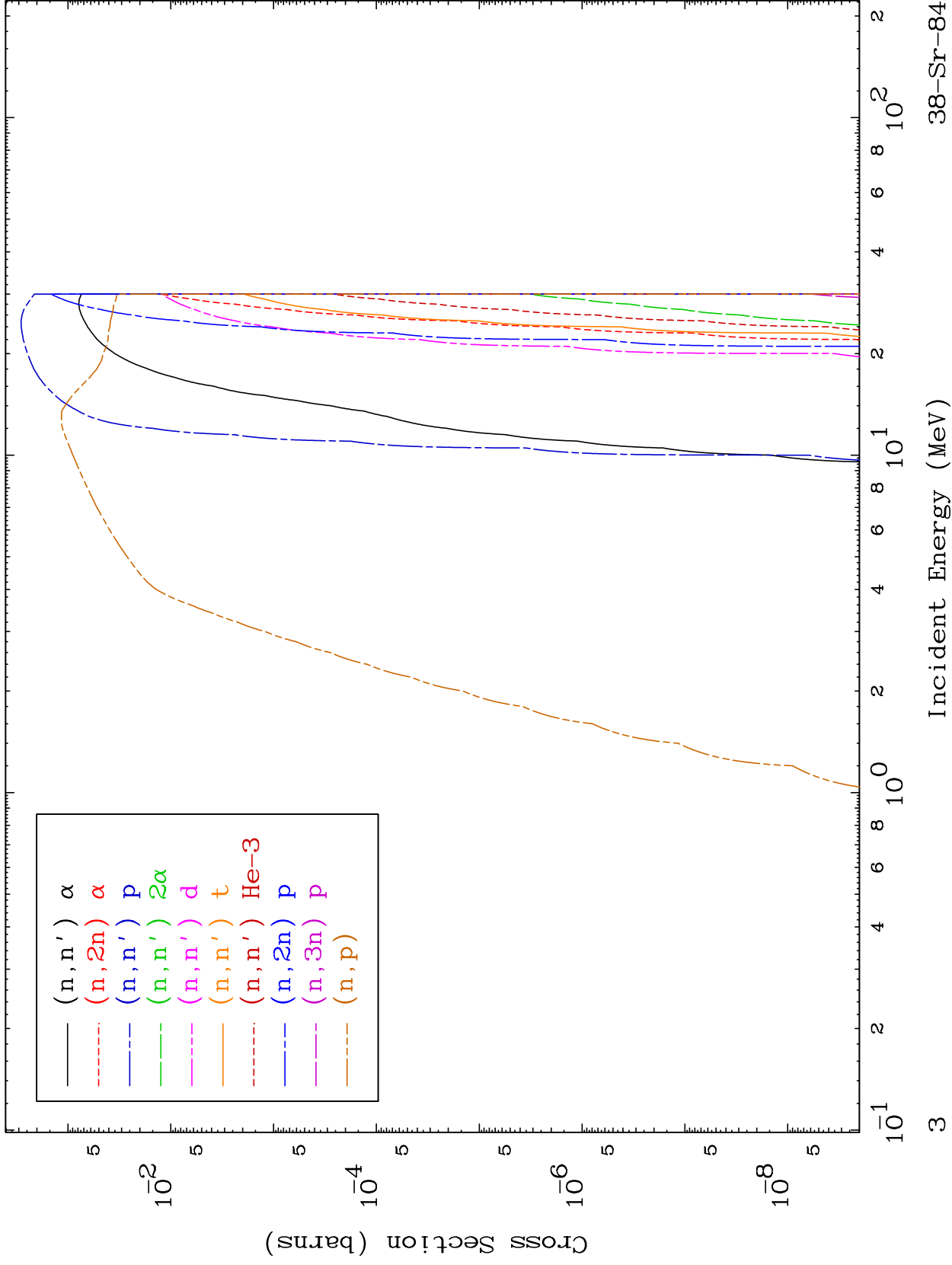




MAT 3825

Charged Particle
293 Kelvin Cross Sections

38-Sr-84



38-Sr-84

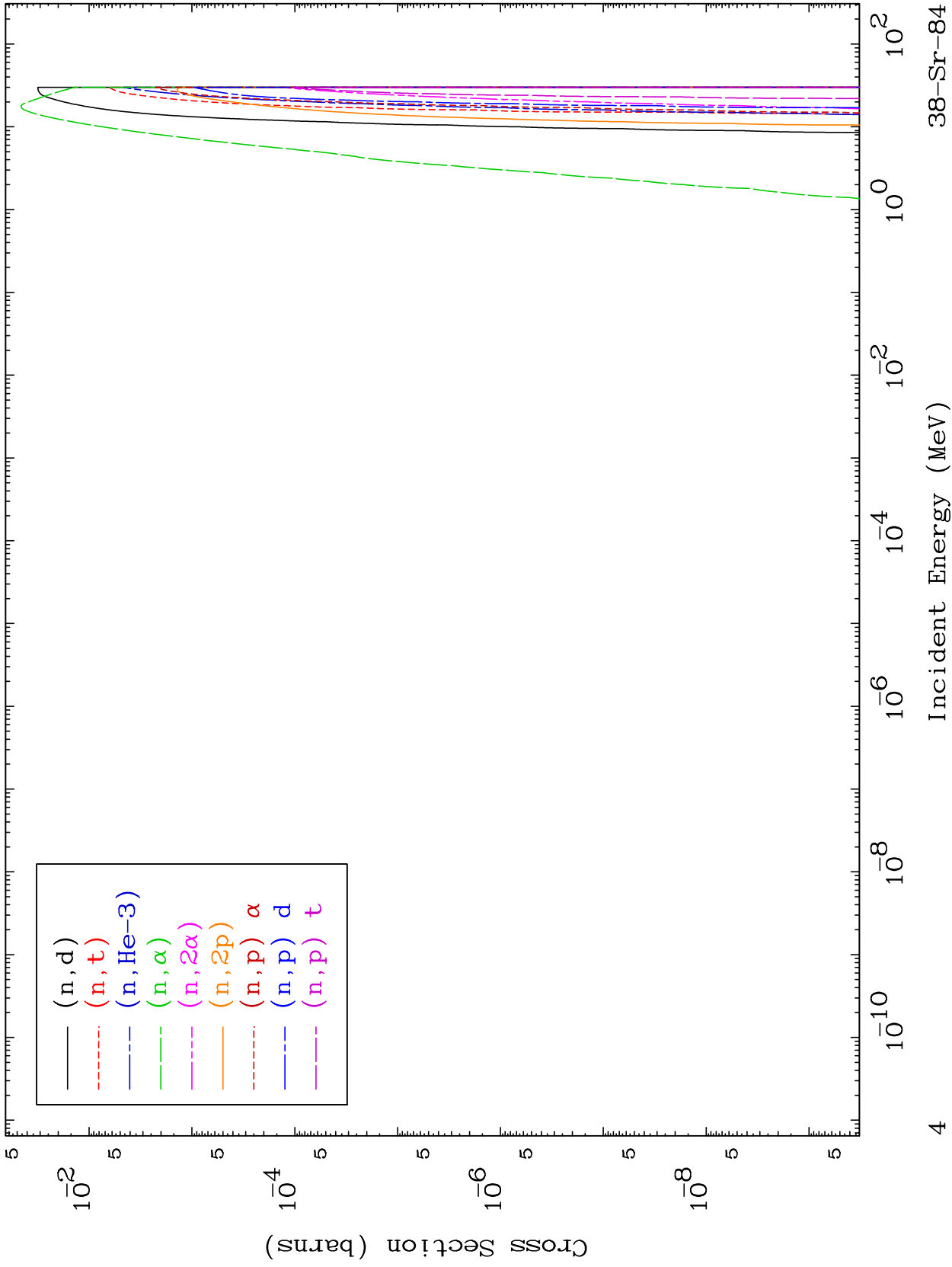
Incident Energy (MeV)

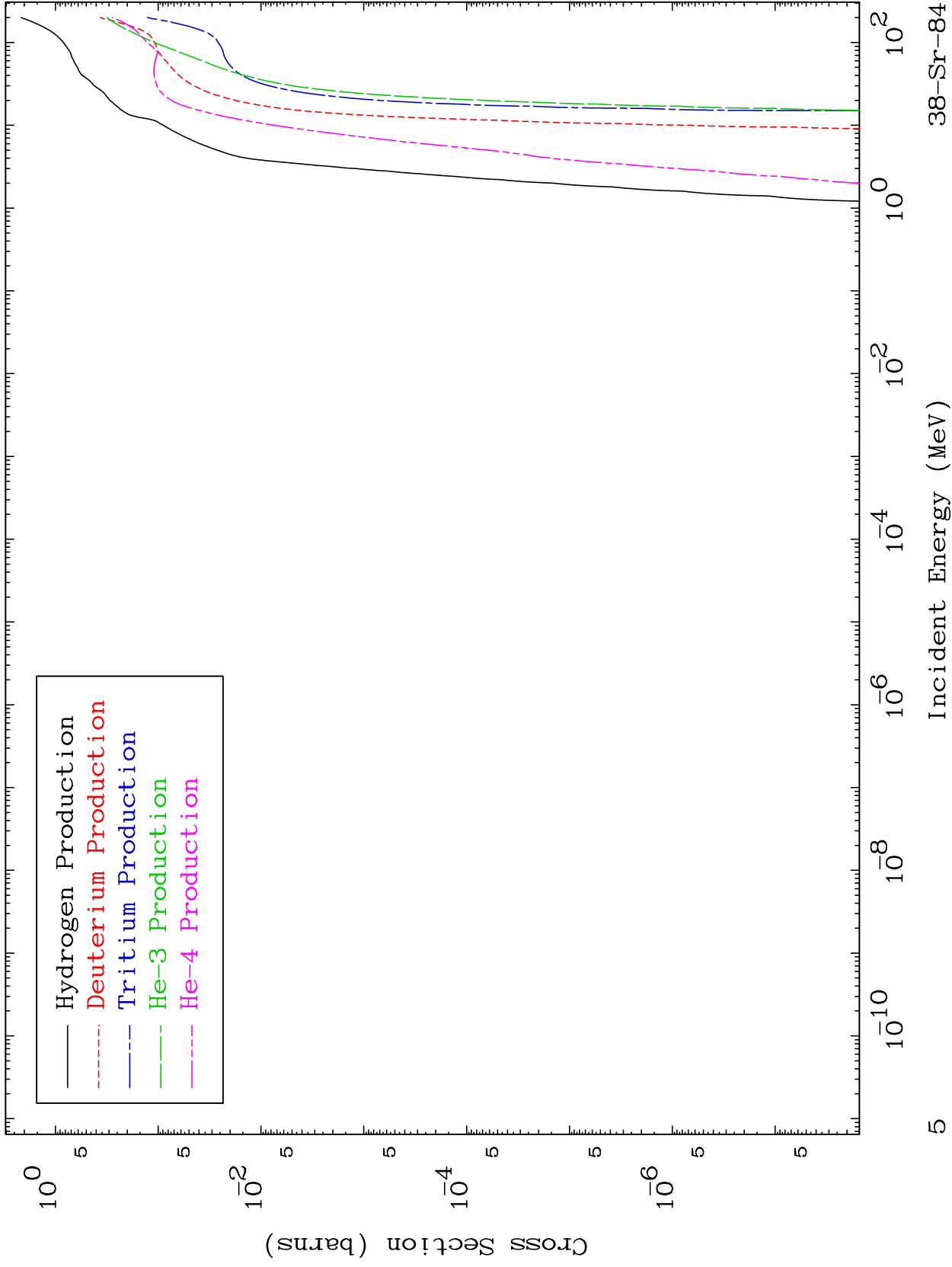
3

MAT 3825

Charged Particle
293 Kelvin Cross Sections

38-Sr-84



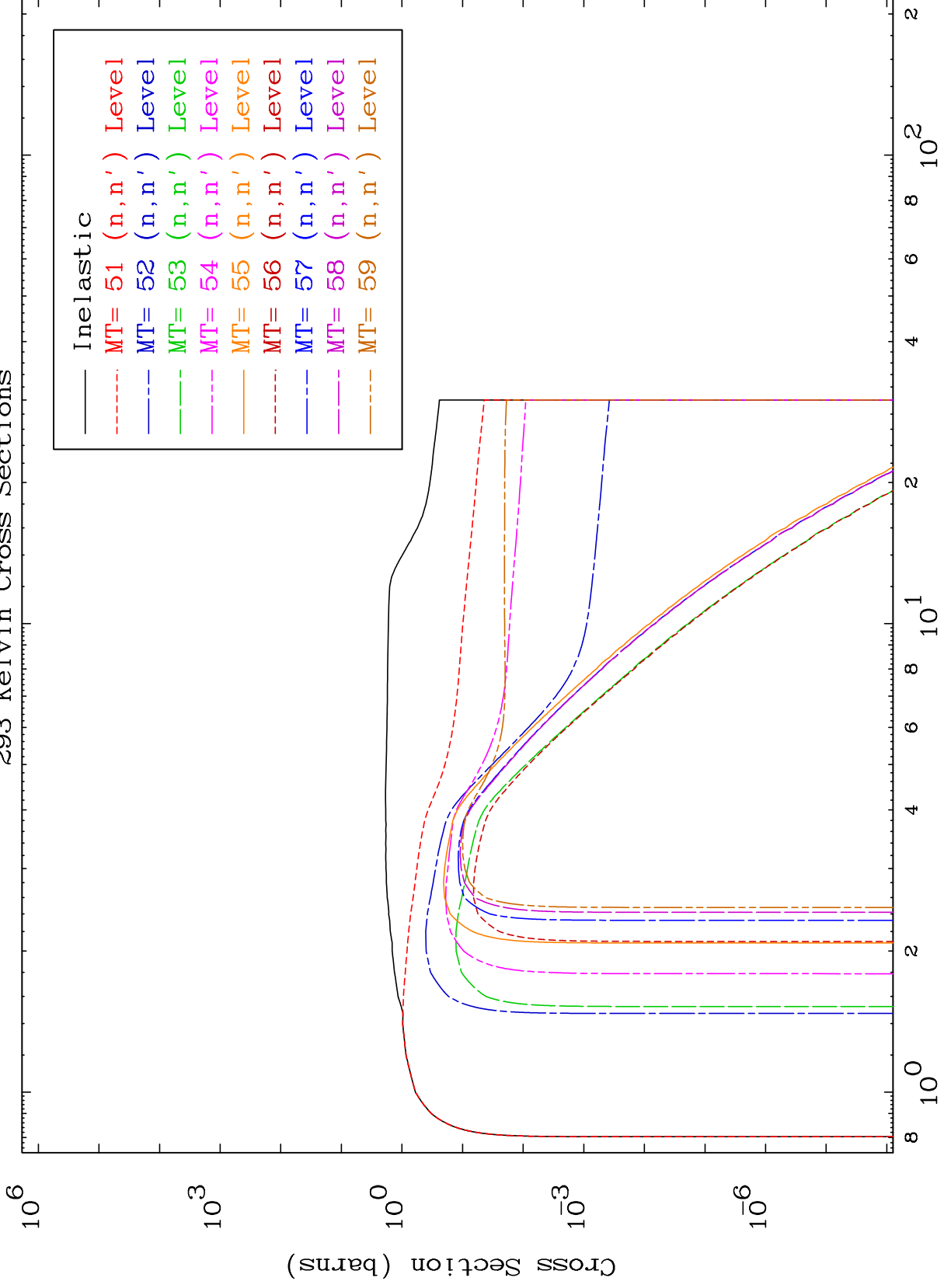


MAT 3825

(n,n') Level

38-Sr-84

293 Kelvin Cross Sections



Incident Energy (MeV)

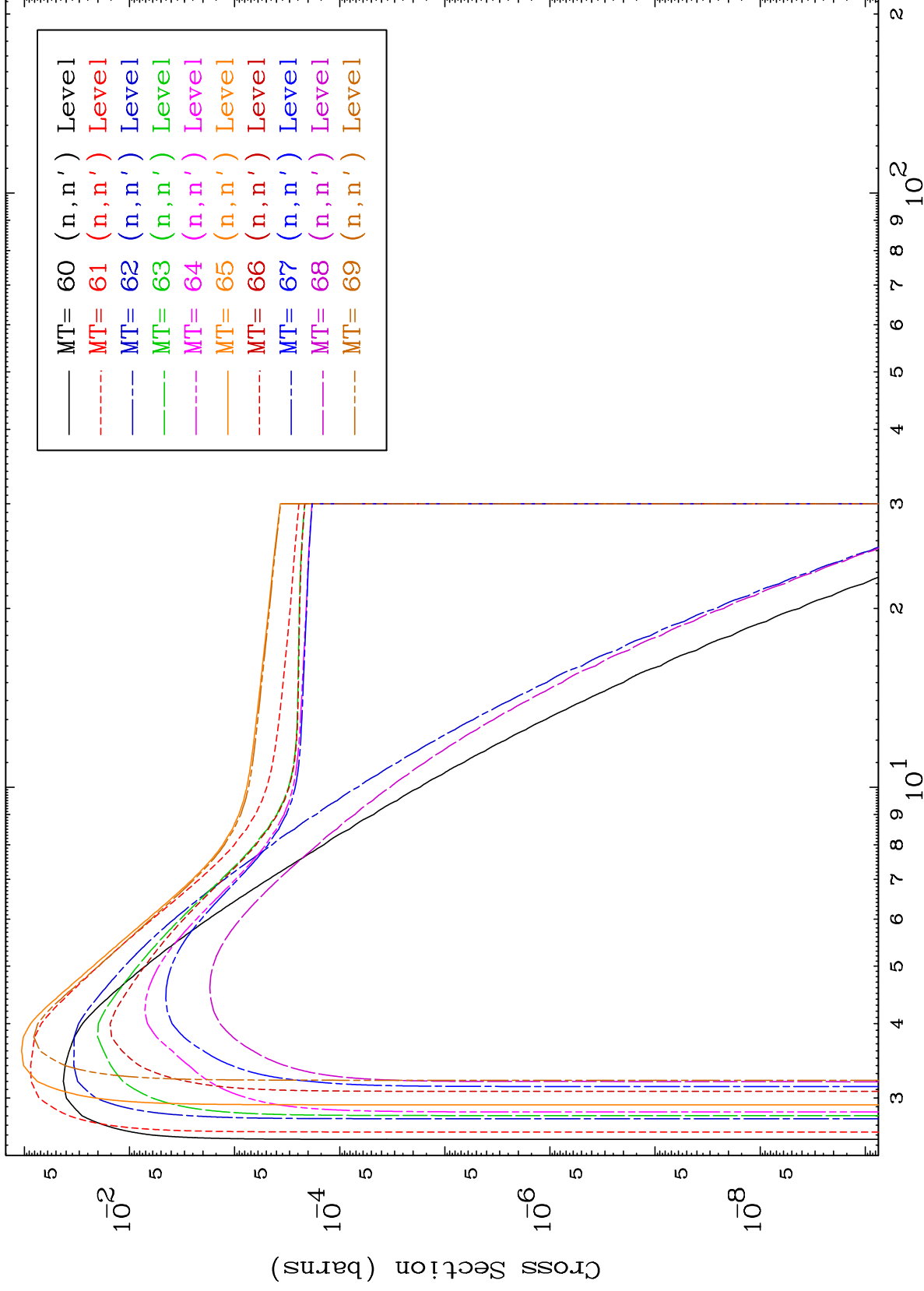
38-Sr-84

MAT 3825

(n,n') Level

38-Sr-84

293 Kelvin Cross Sections

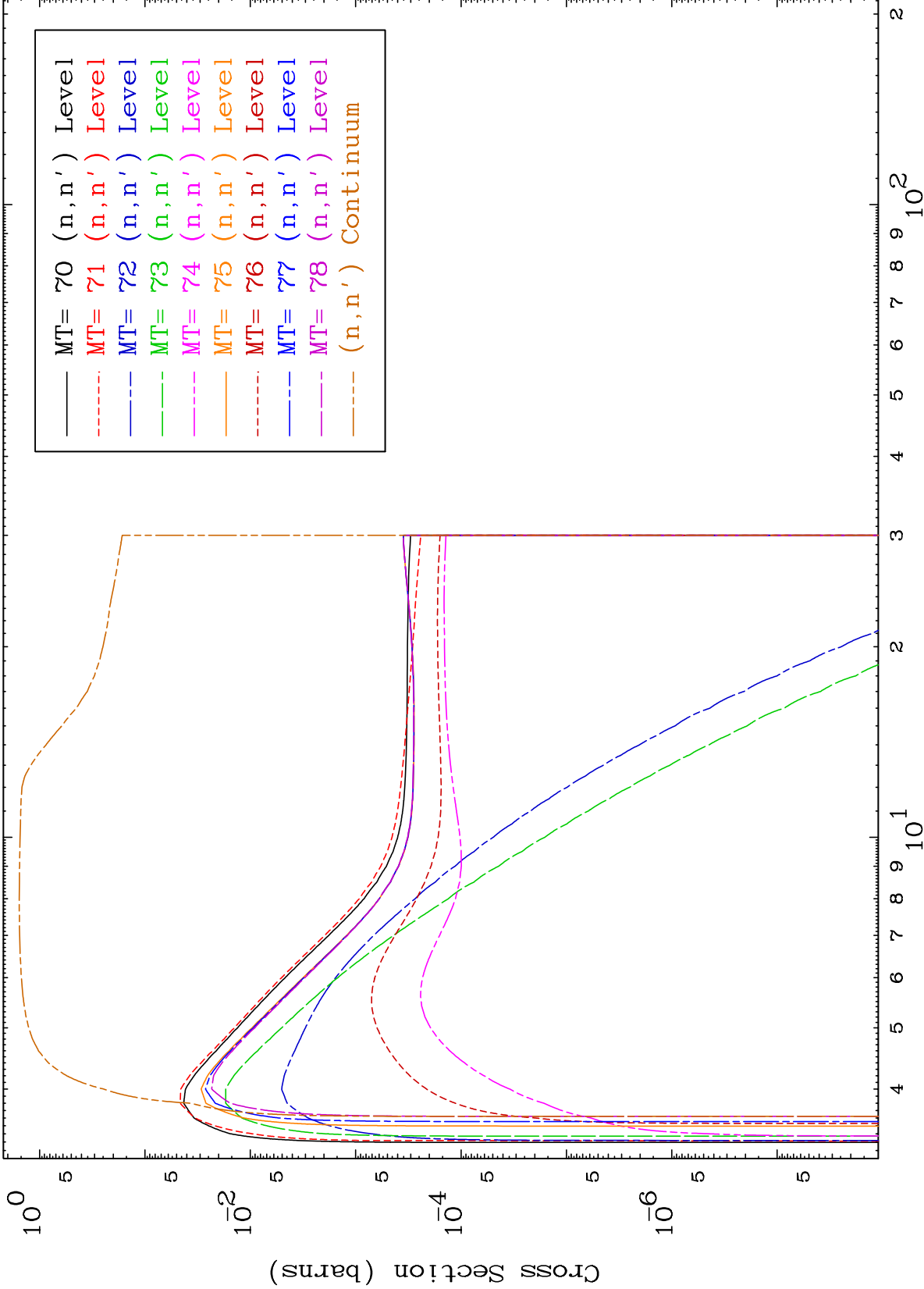


7

Incident Energy (MeV)

38-Sr-84

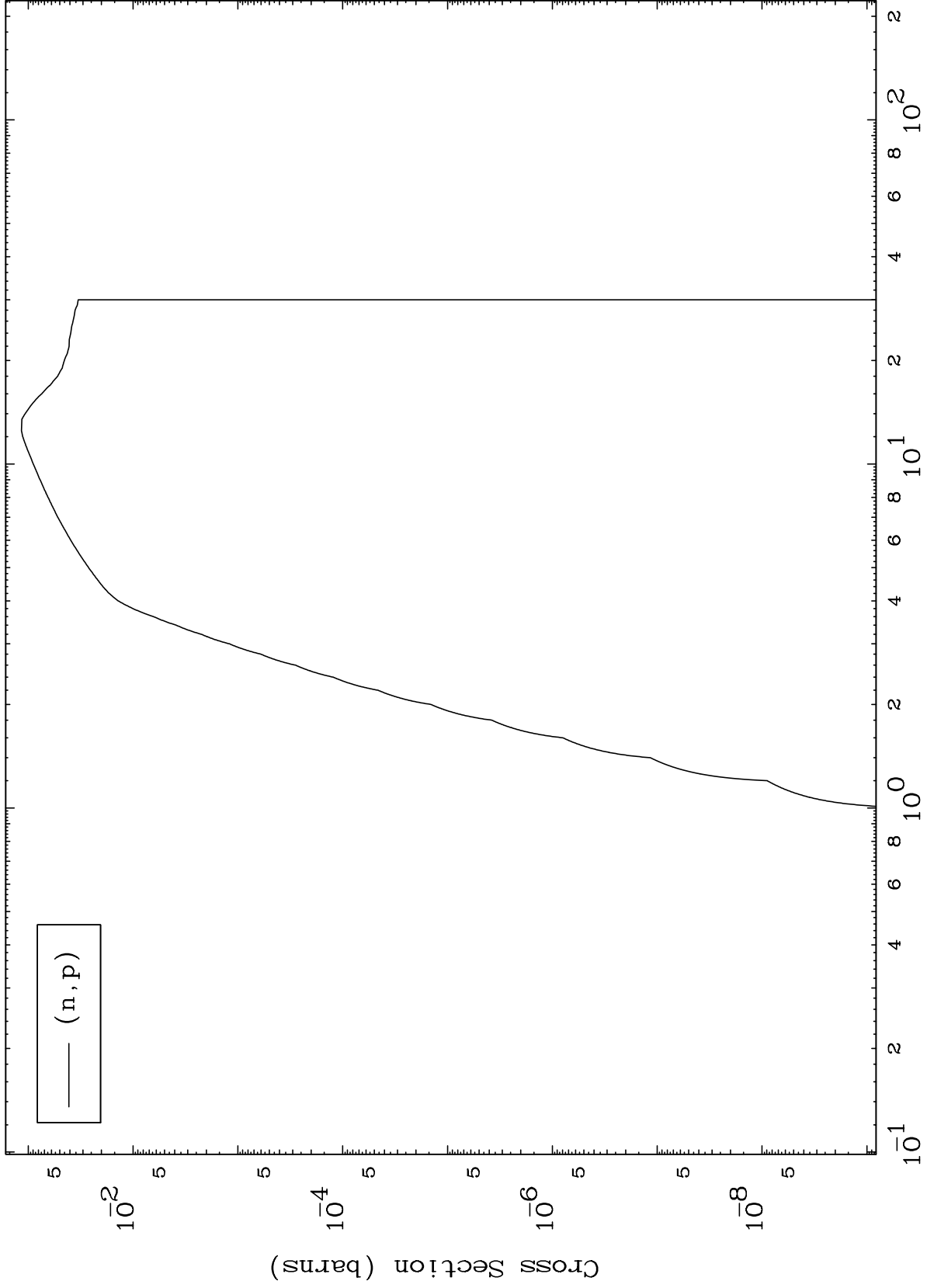
293 Kelvin Cross Sections



MAT 3825

(n,p) Levels
293 Kelvin Cross Sections

38-Sr-84



9

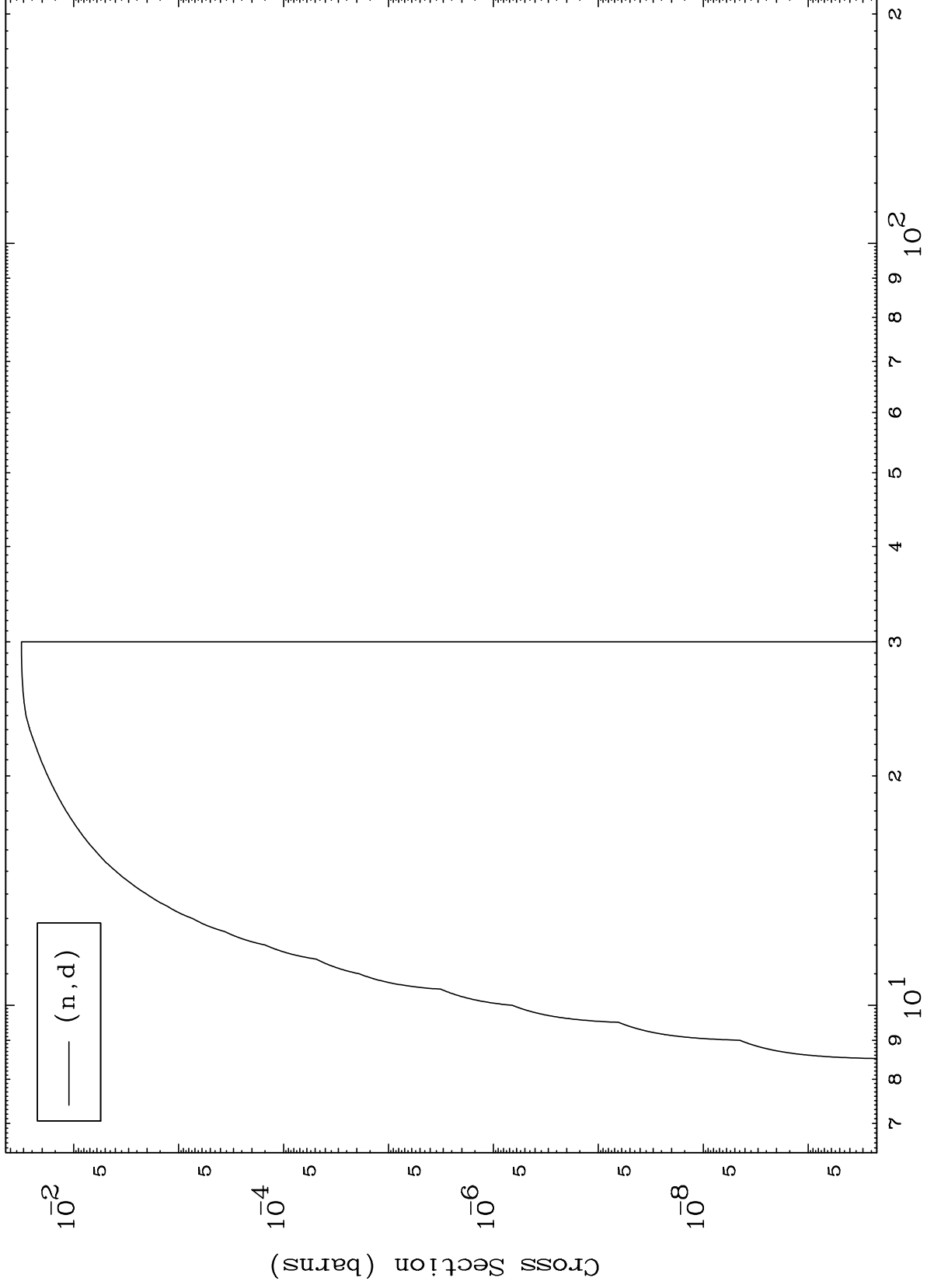
Incident Energy (MeV)

38-Sr-84

MAT 3825

(n,d) Levels
293 Kelvin Cross Sections

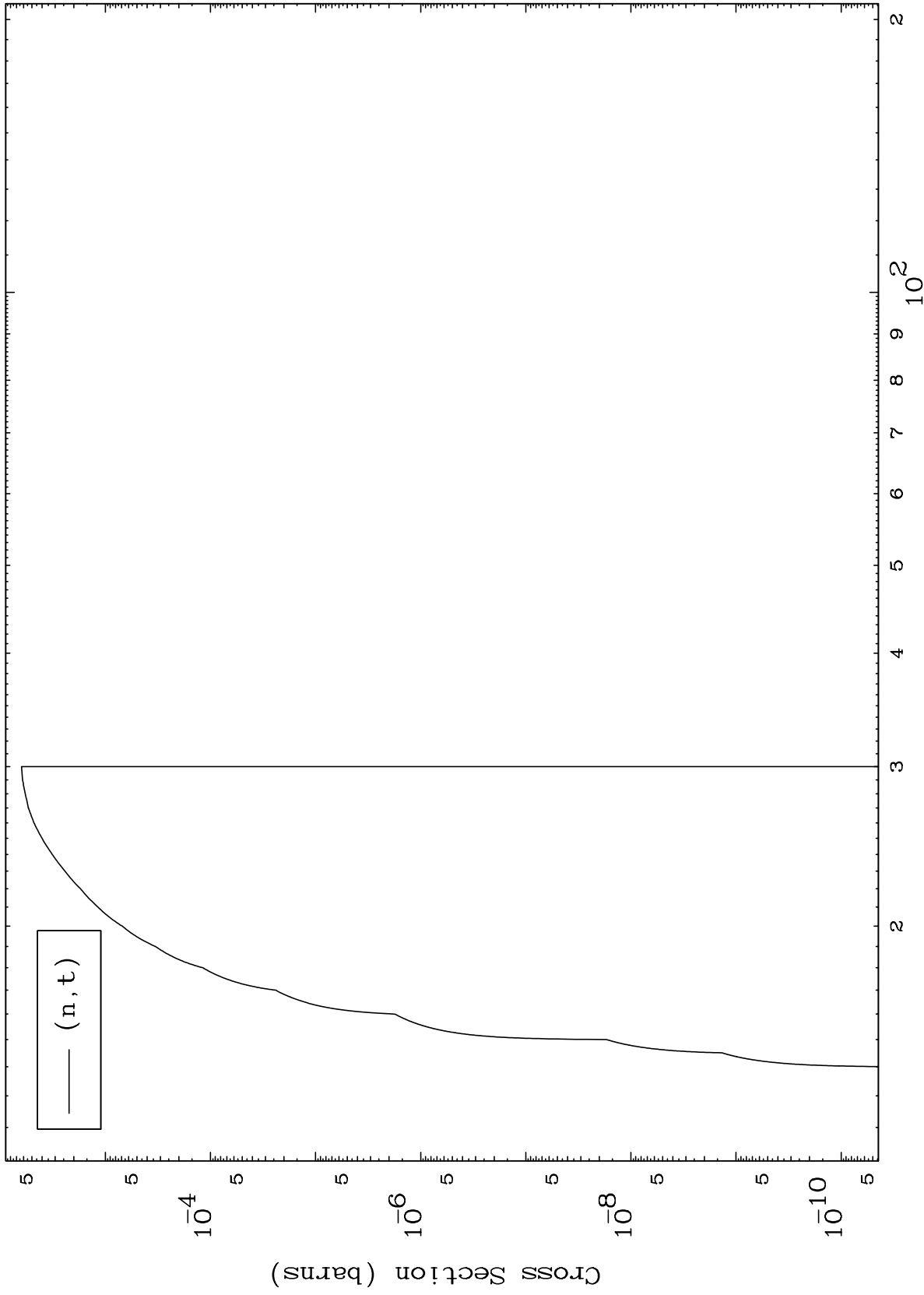
38-Sr-84



10

Incident Energy (MeV)

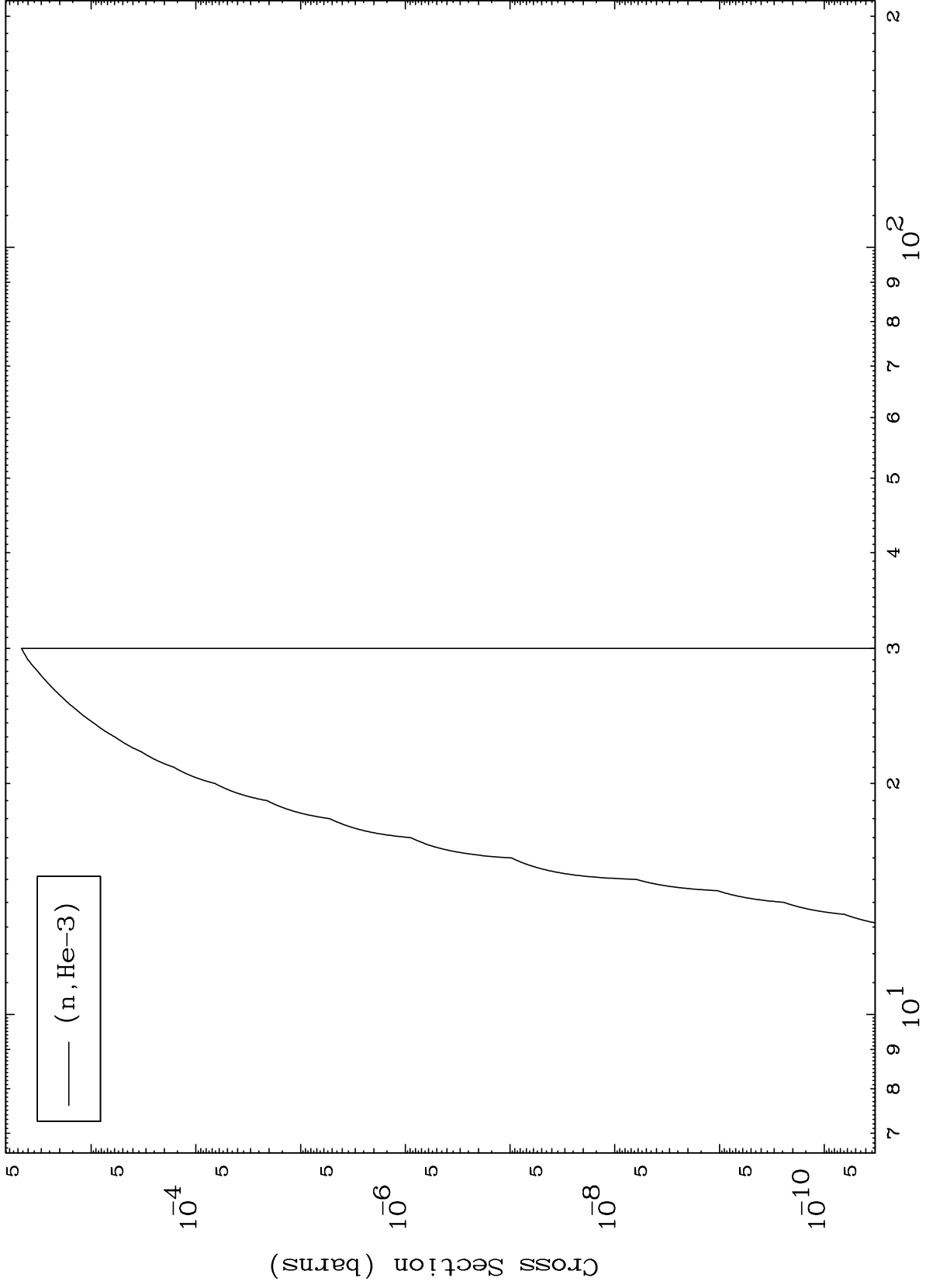
38-Sr-84



MAT 3825

(n,He3) Levels
293 Kelvin Cross Sections

38-Sr-84



12

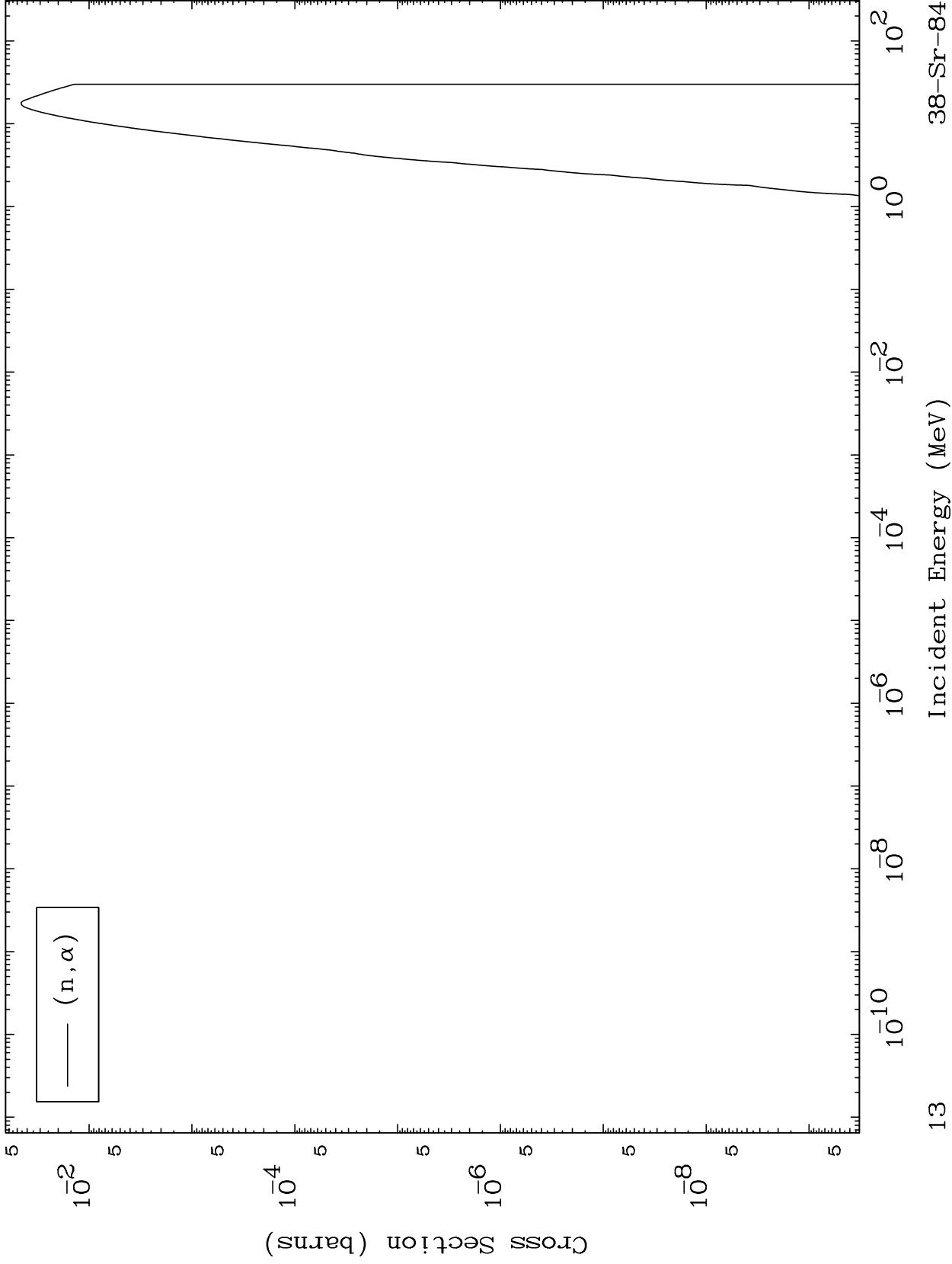
Incident Energy (MeV)

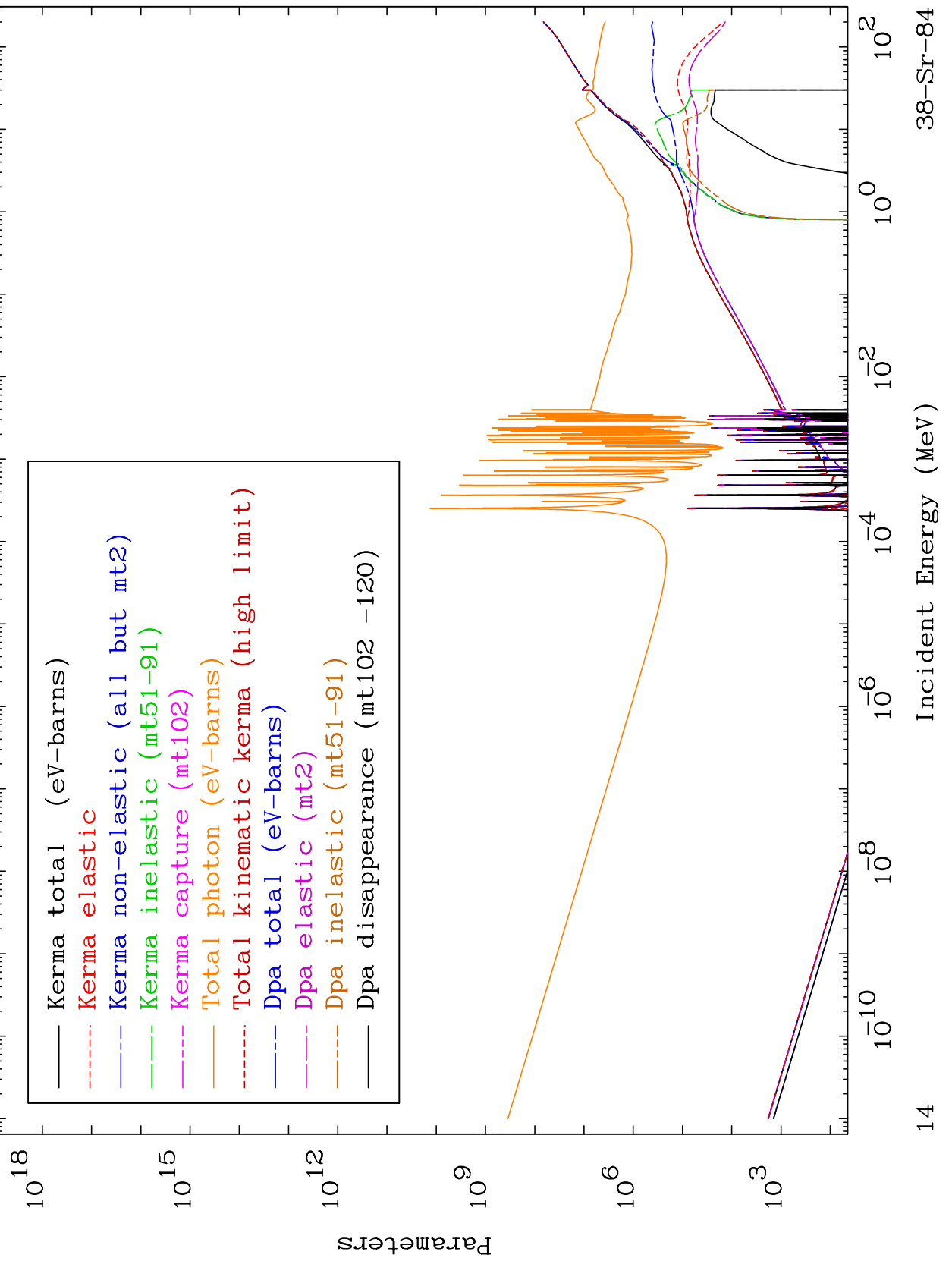
38-Sr-84

MAT 3825

(n, α) Levels
293 Kelvin Cross Sections

38-Sr-84

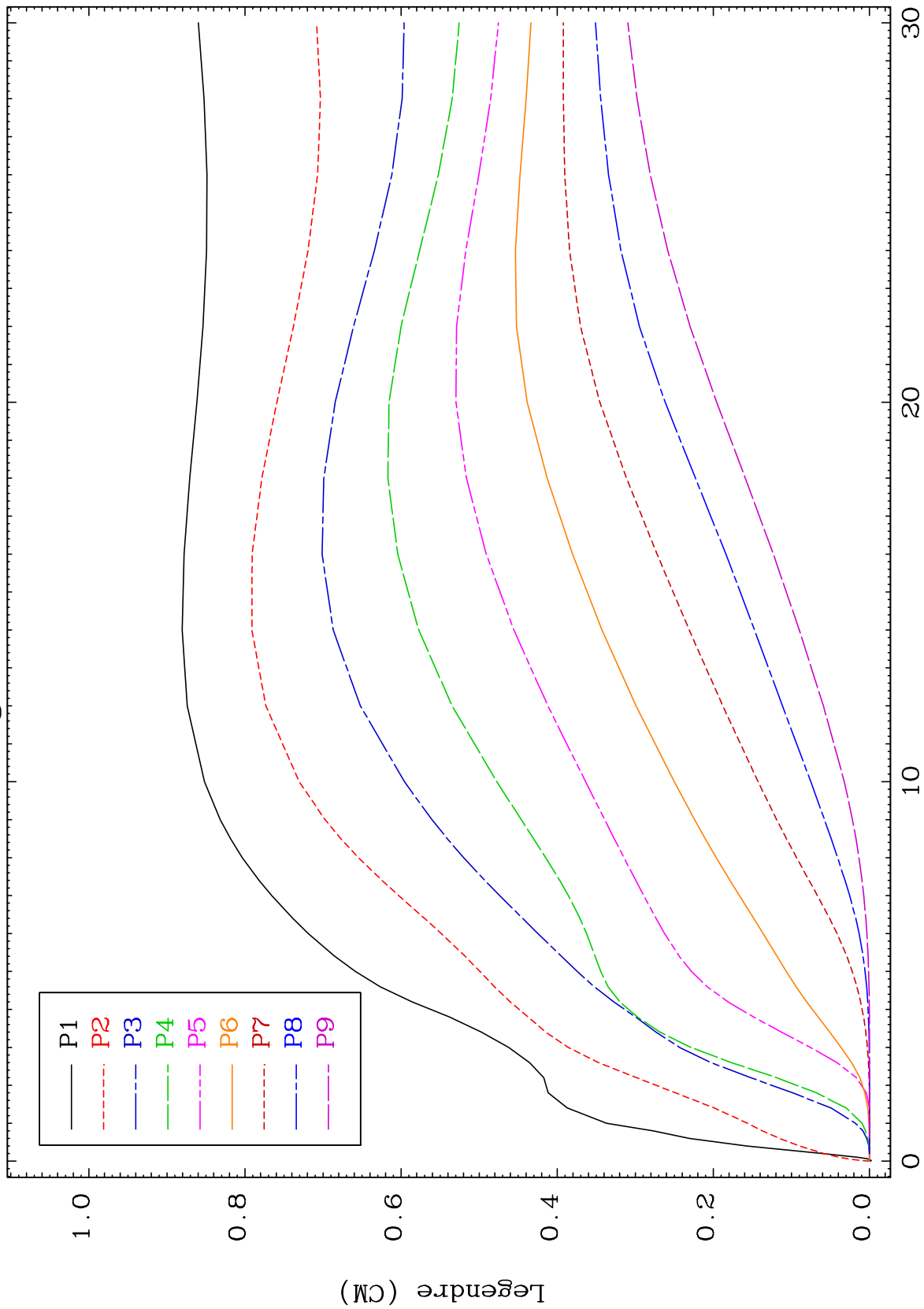




MAT 3825

Elastic Legendre Coefficients

³⁸Sr-84



15

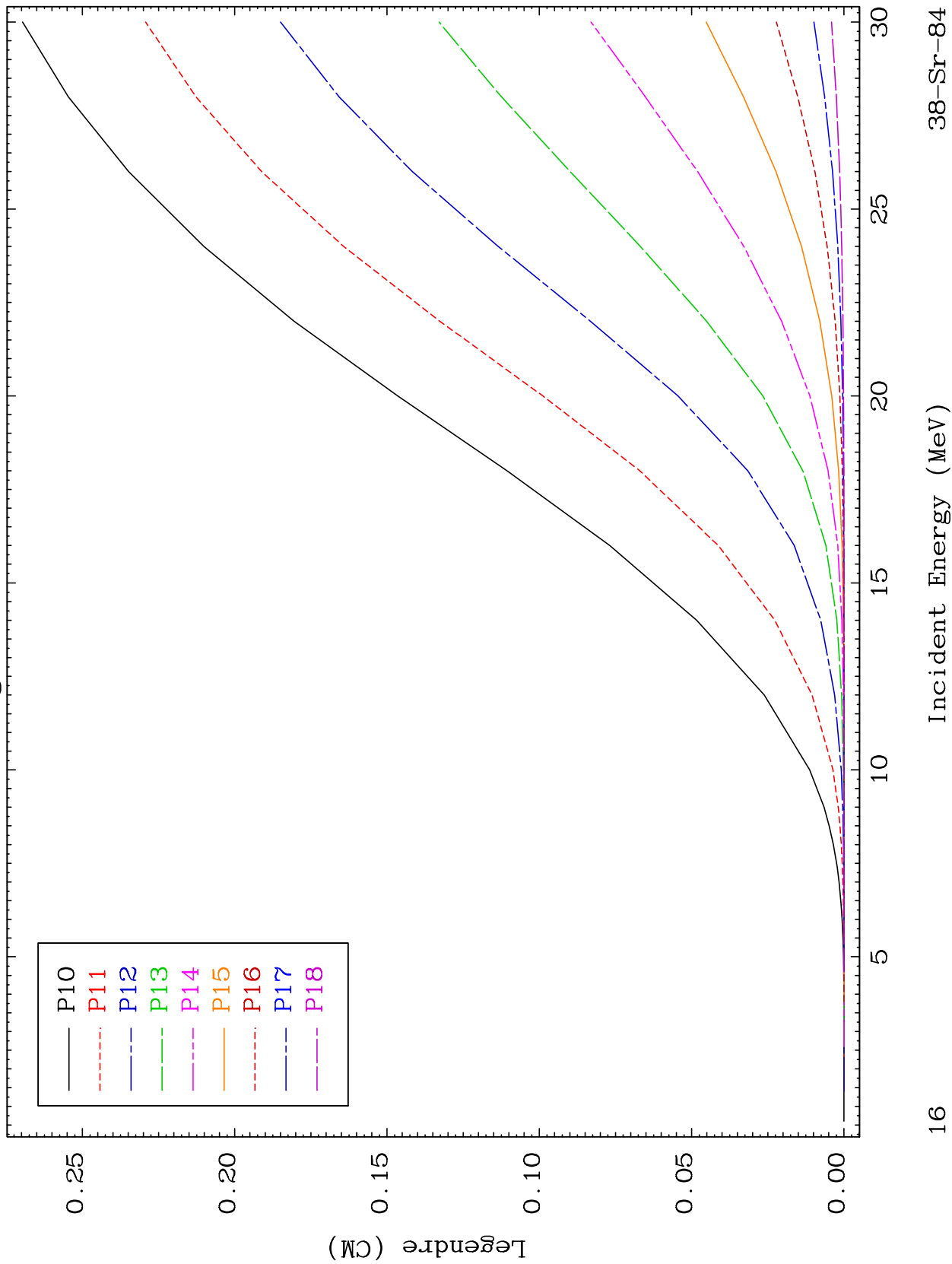
Incident Energy (MeV)

³⁸Sr-84

MAT 3825

Elastic Legendre Coefficients

³⁸Sr-84



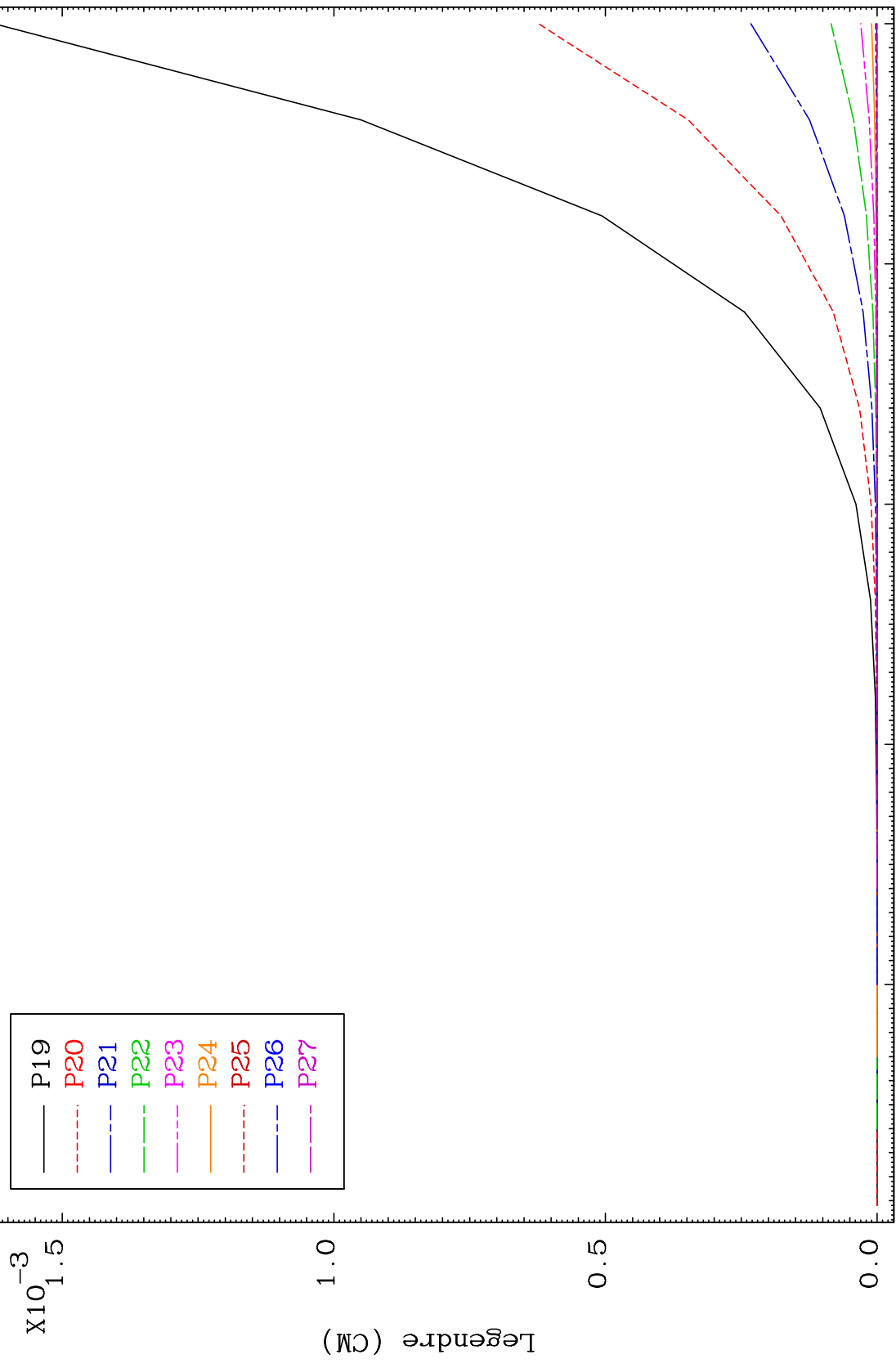
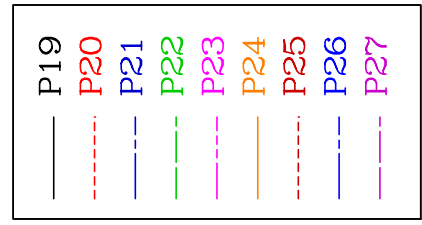
16

³⁸Sr-84

MAT 3825

Elastic Legendre Coefficients

38-Sr-84



17

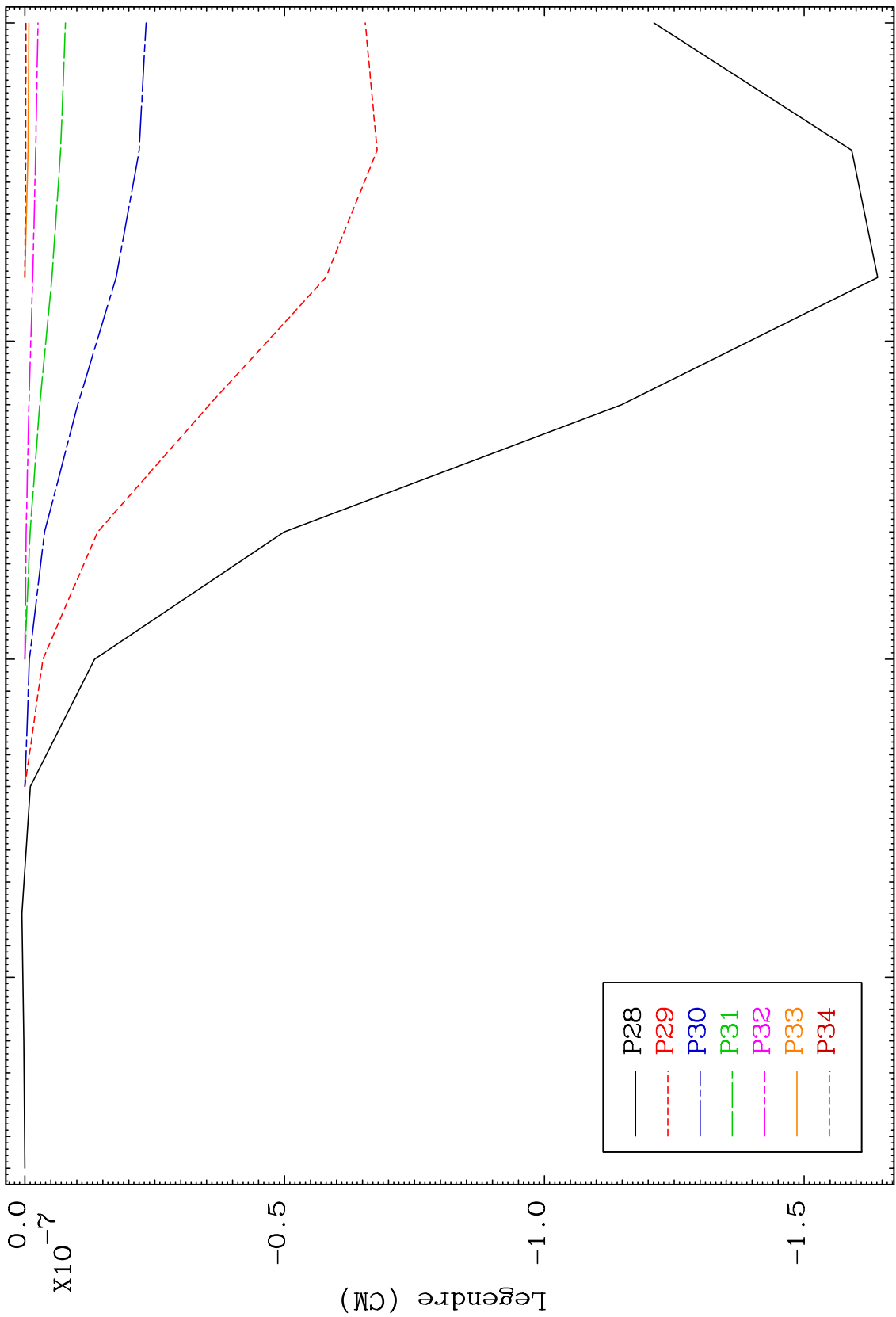
Incident Energy (MeV)

38-Sr-84

MAT 3825

38-Sr-84

Elastic Legendre Coefficients



18

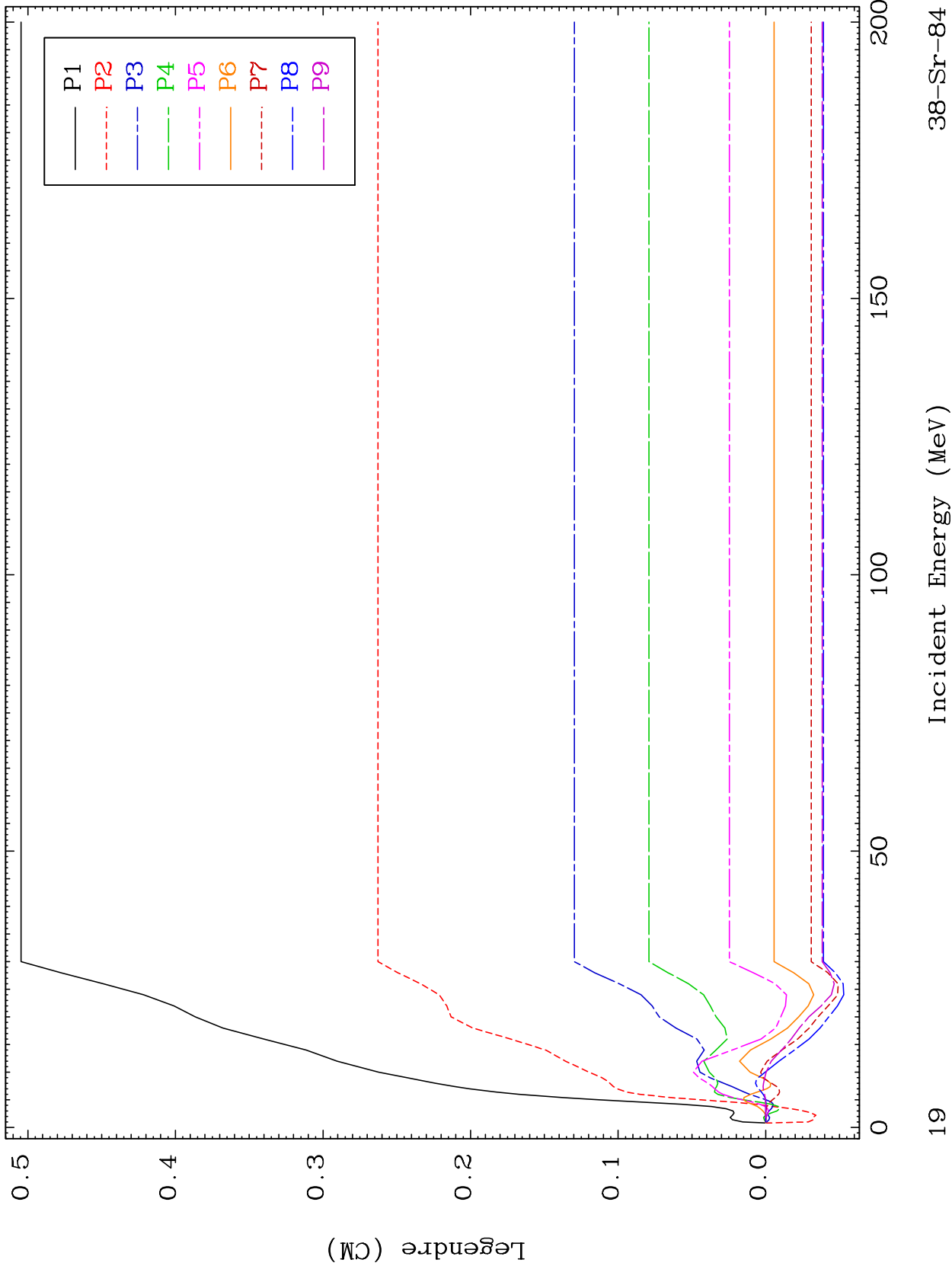
Incident Energy (MeV)

38-Sr-84

MAT 3825

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

38-Sr-84



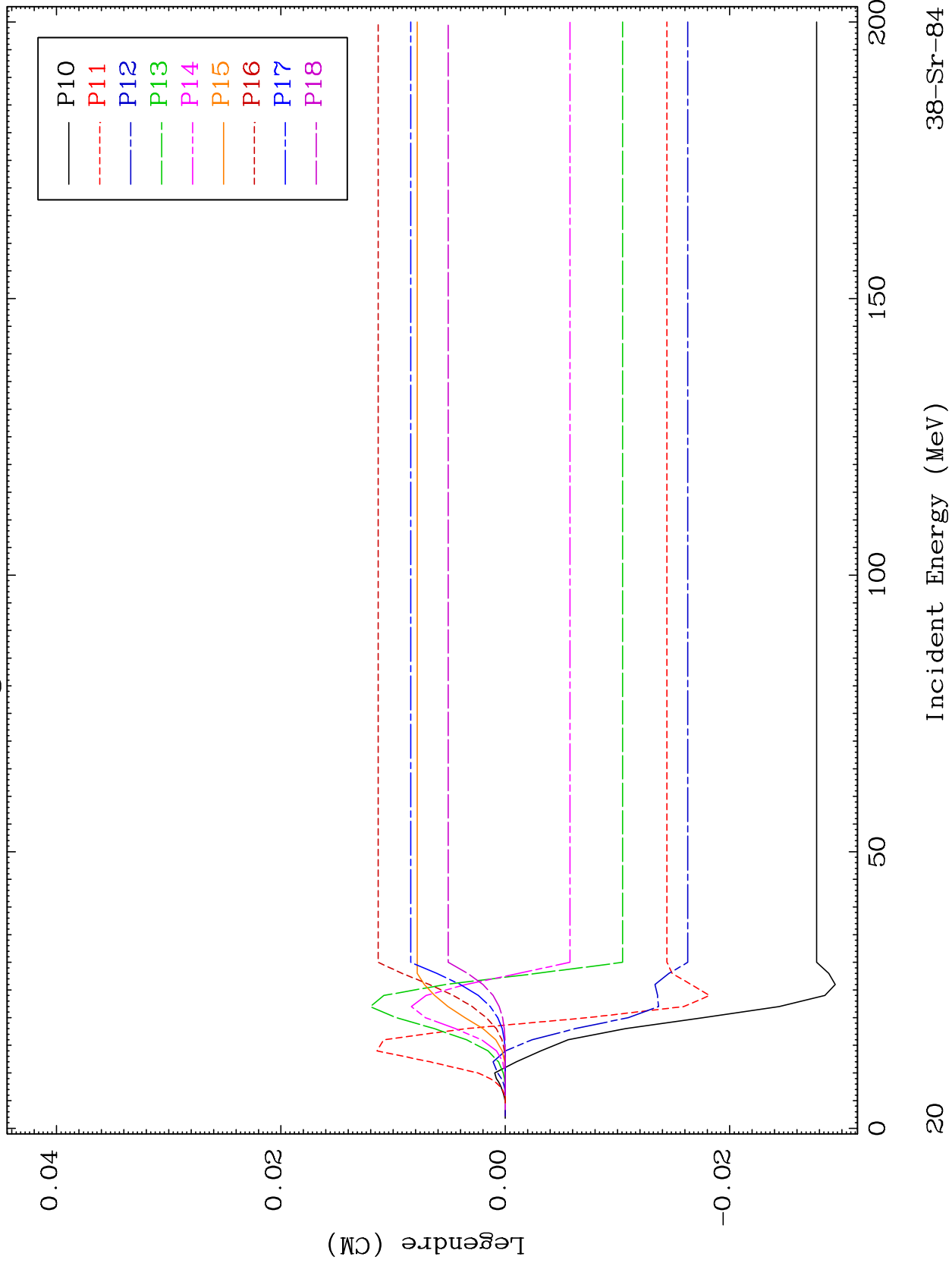
19

38-Sr-84

MAT 3825

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

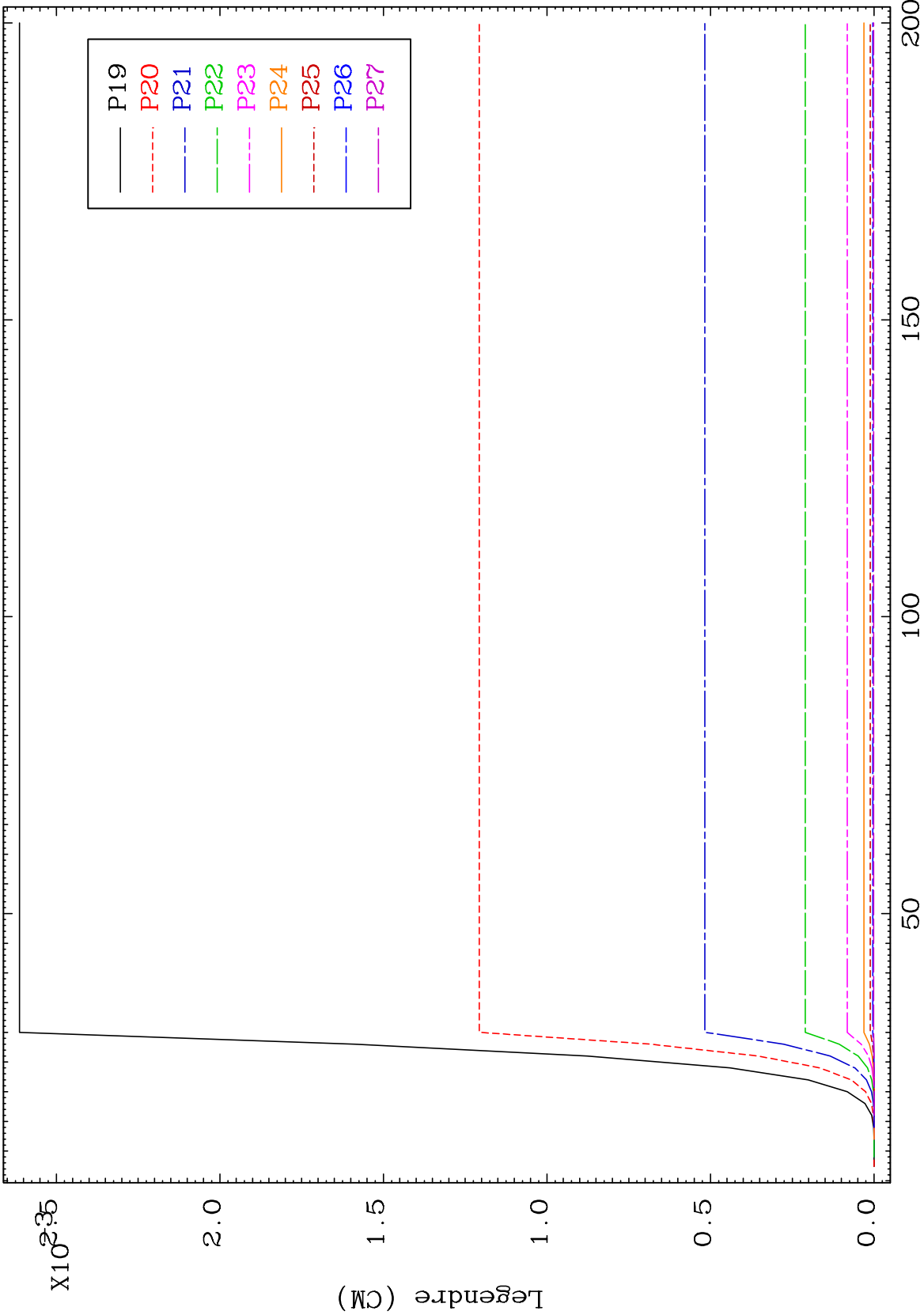
38-Sr-84



38-Sr-84

Incident Energy (MeV)

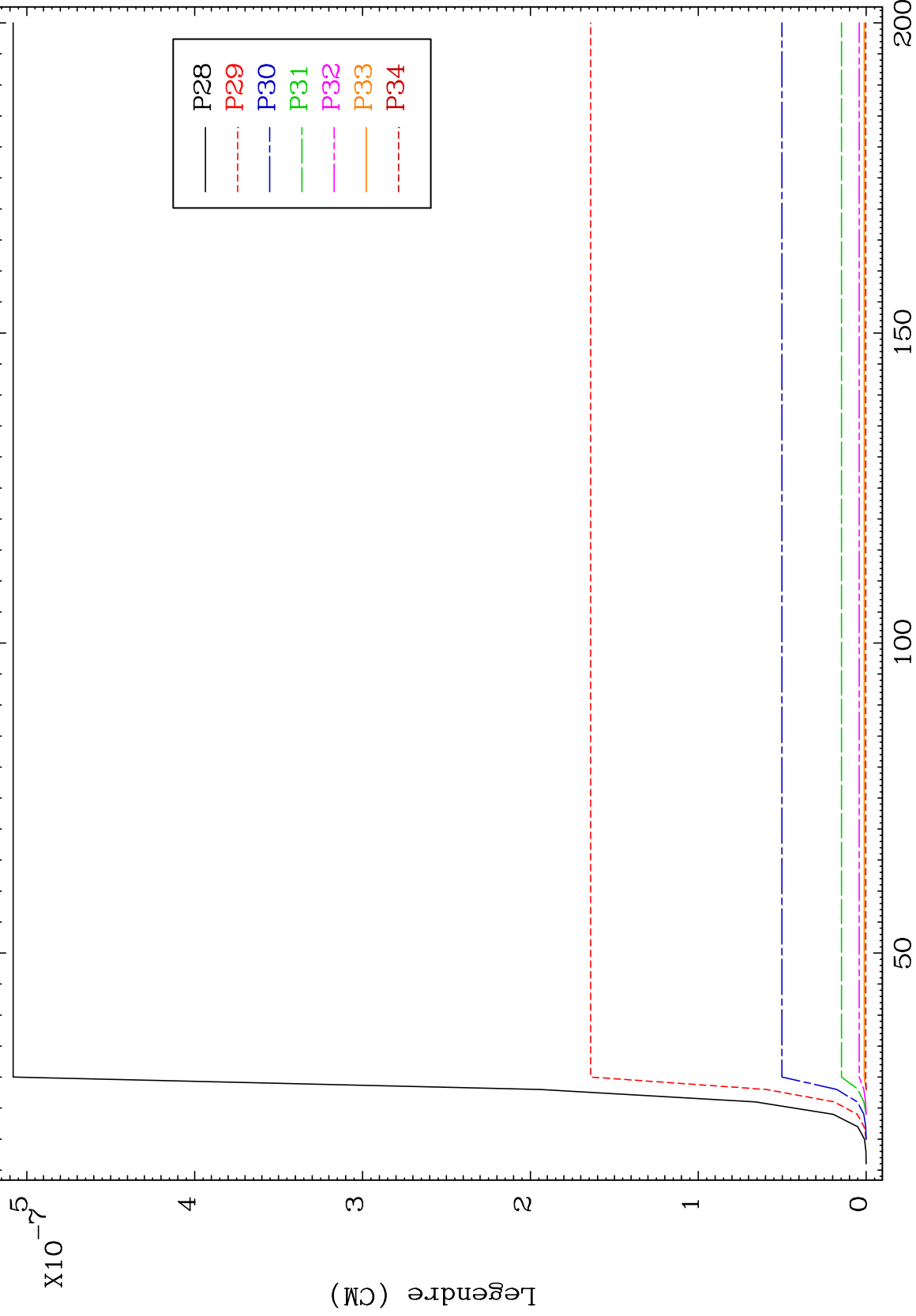
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MAT 3825

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

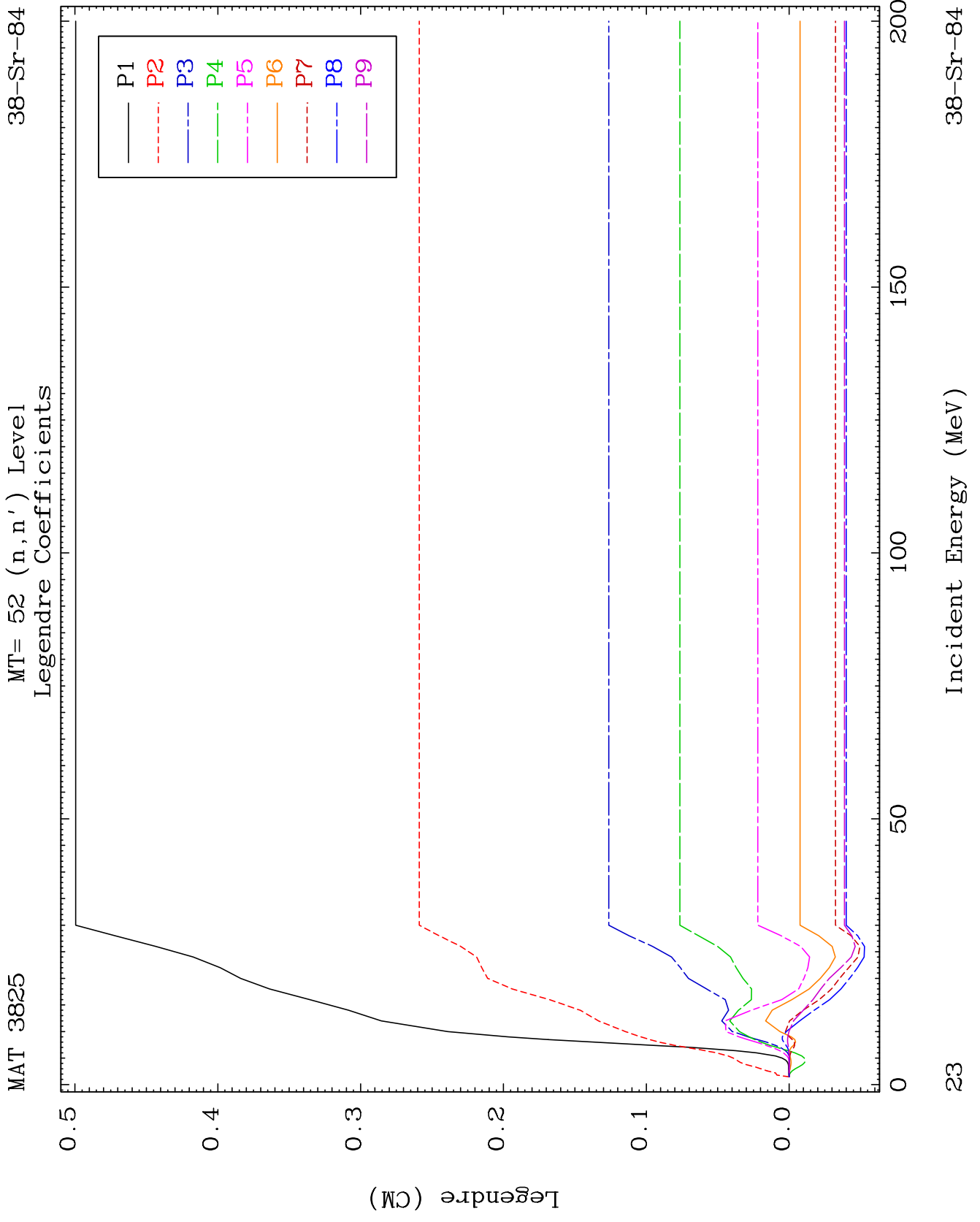
38-Sr-84



22

Incident Energy (MeV)

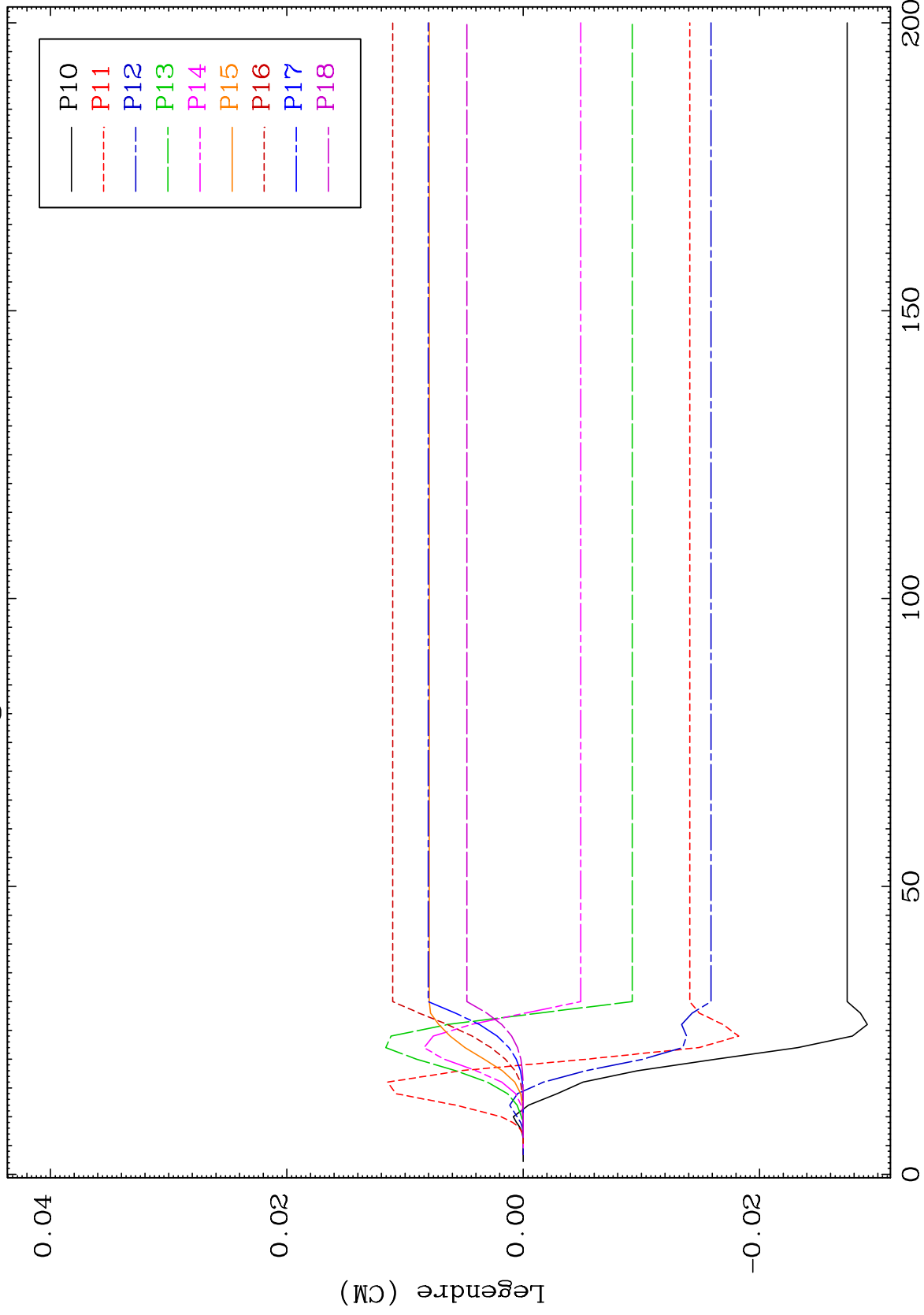
38-Sr-84



MAT 3825

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

38-Sr-84



24

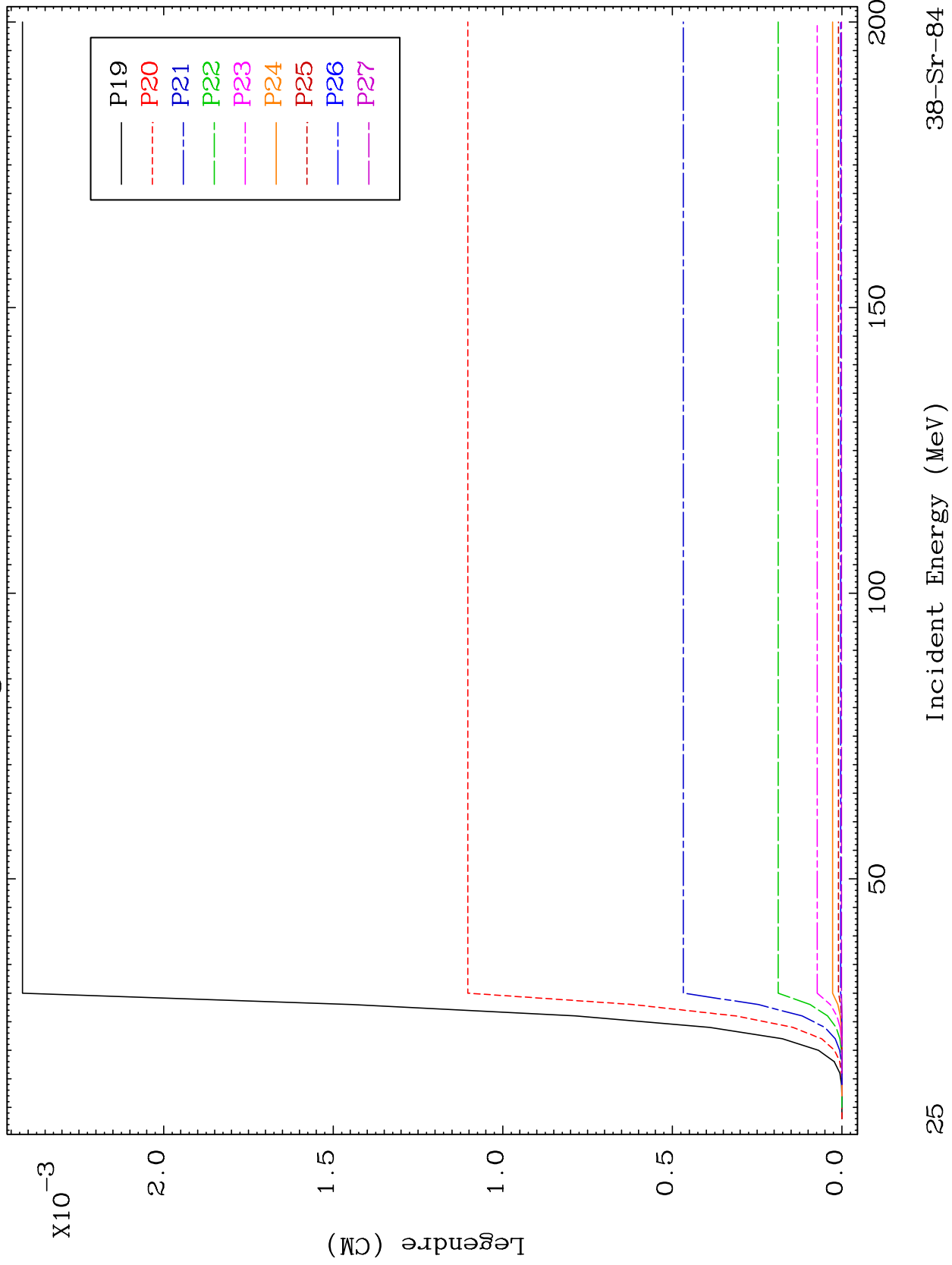
Incident Energy (MeV)

38-Sr-84

MAT 3825

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

38-Sr-84



25

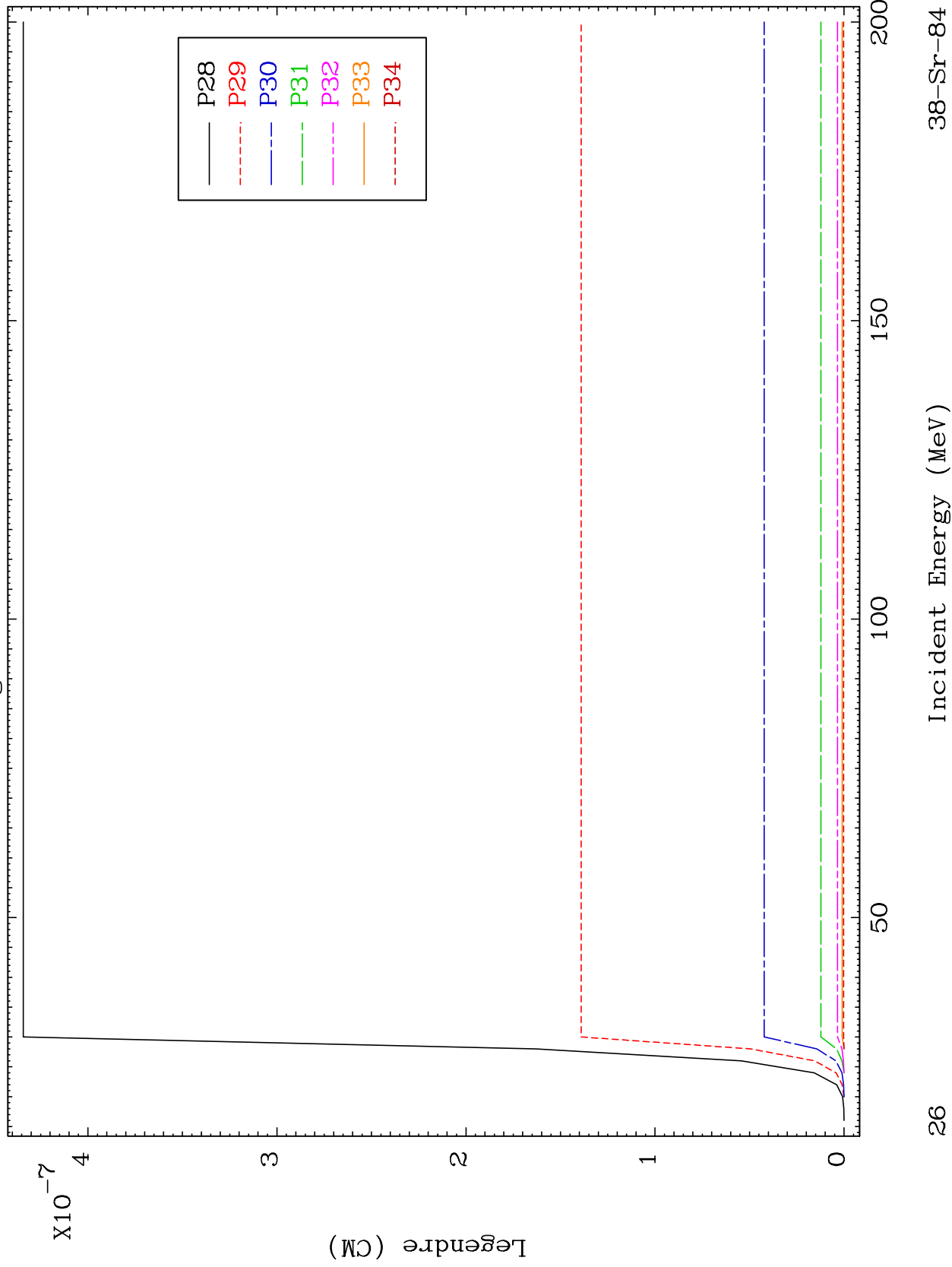
Incident Energy (MeV)

38-Sr-84

MAT 3825

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

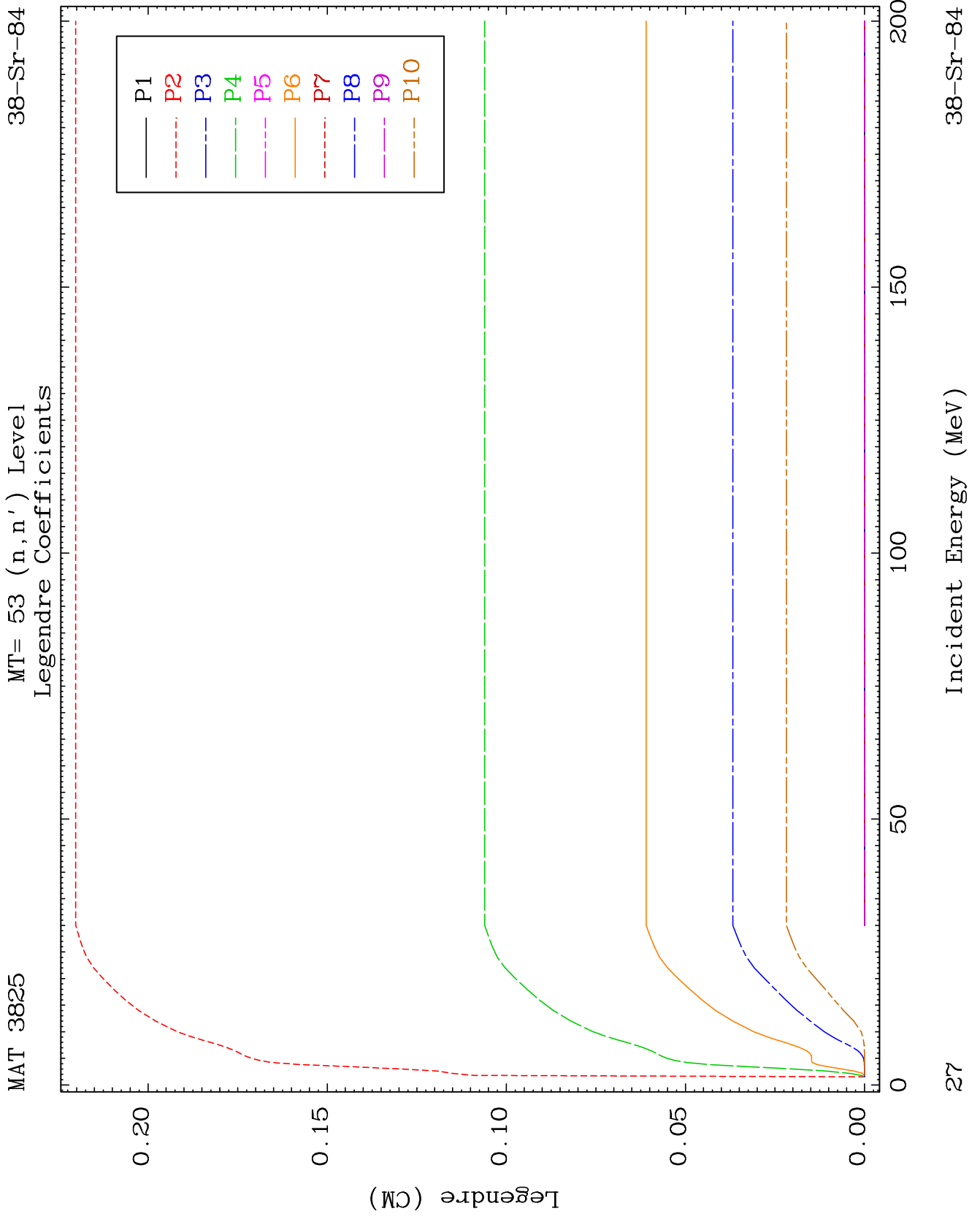
38-Sr-84



26

Incident Energy (MeV)

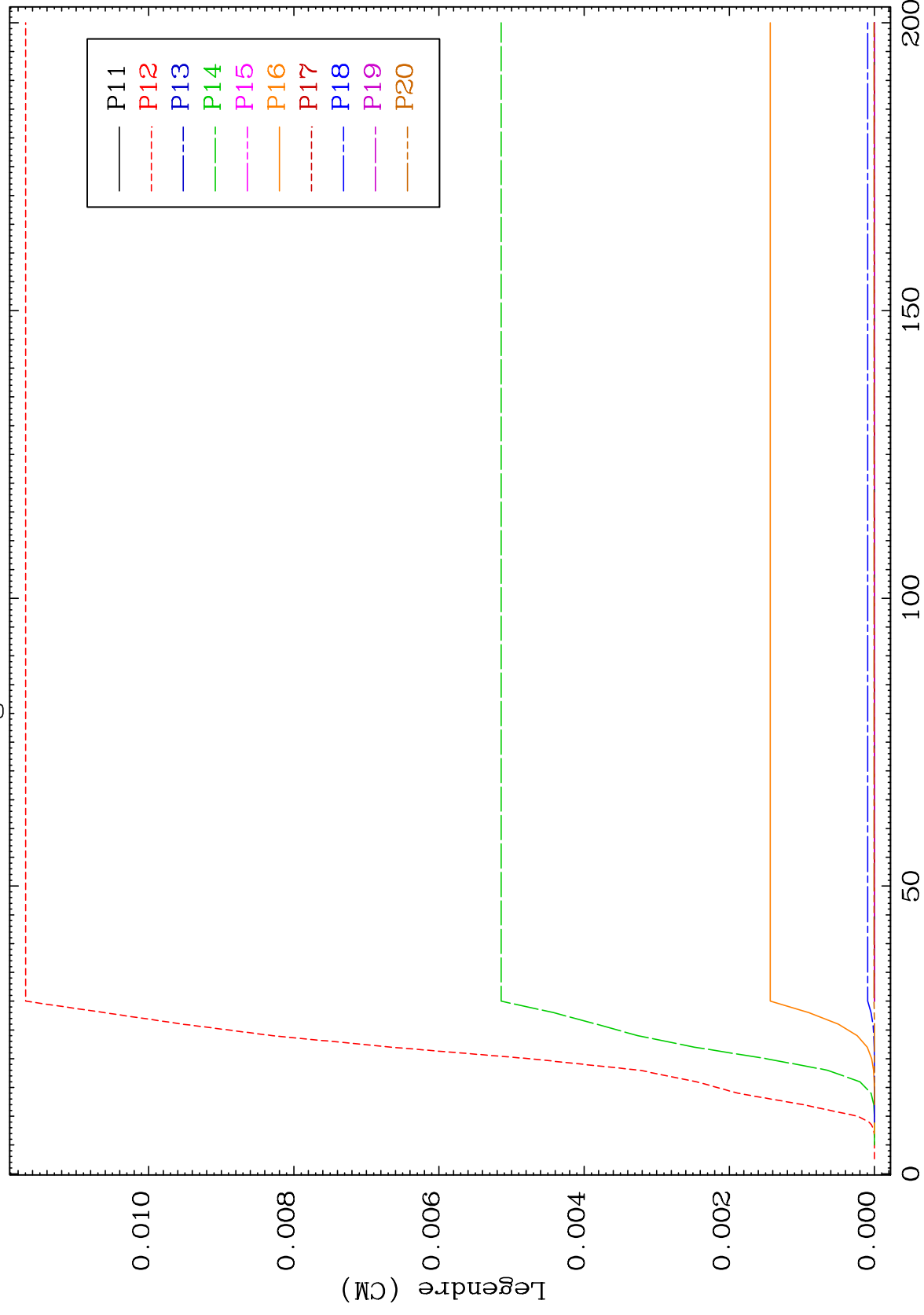
38-Sr-84



MAT 3825

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

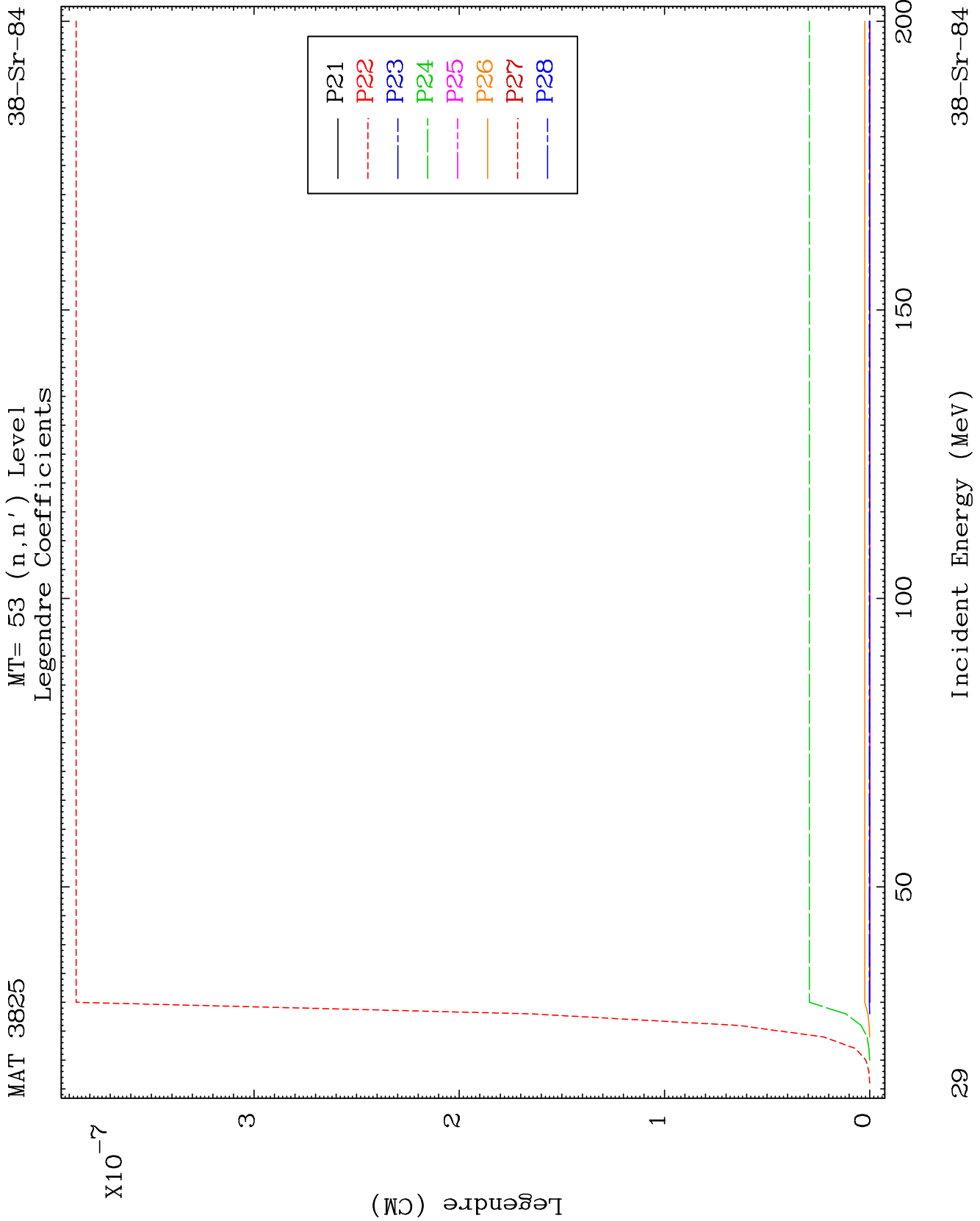
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28

Incident Energy (MeV)

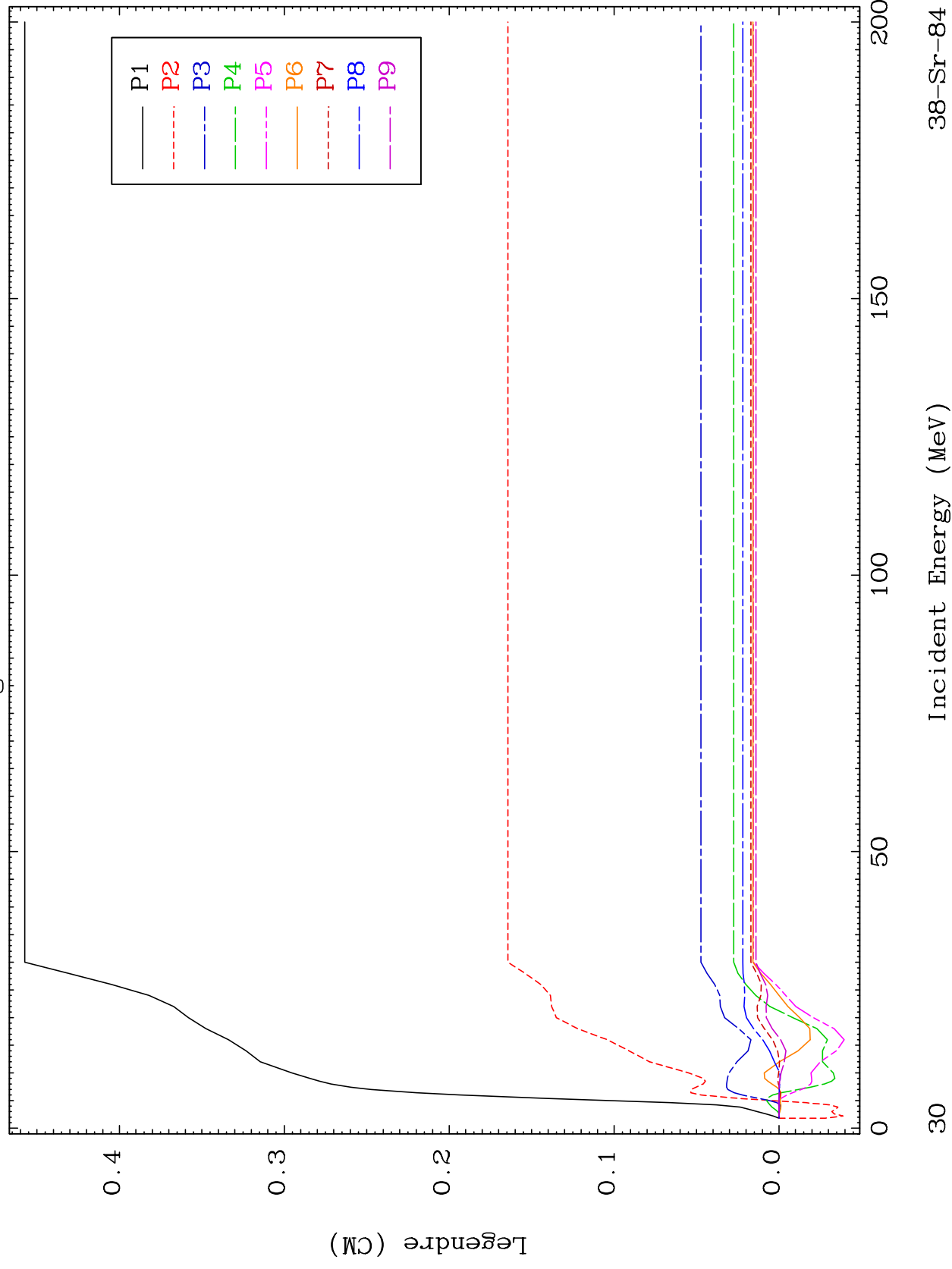
38-Sr-84



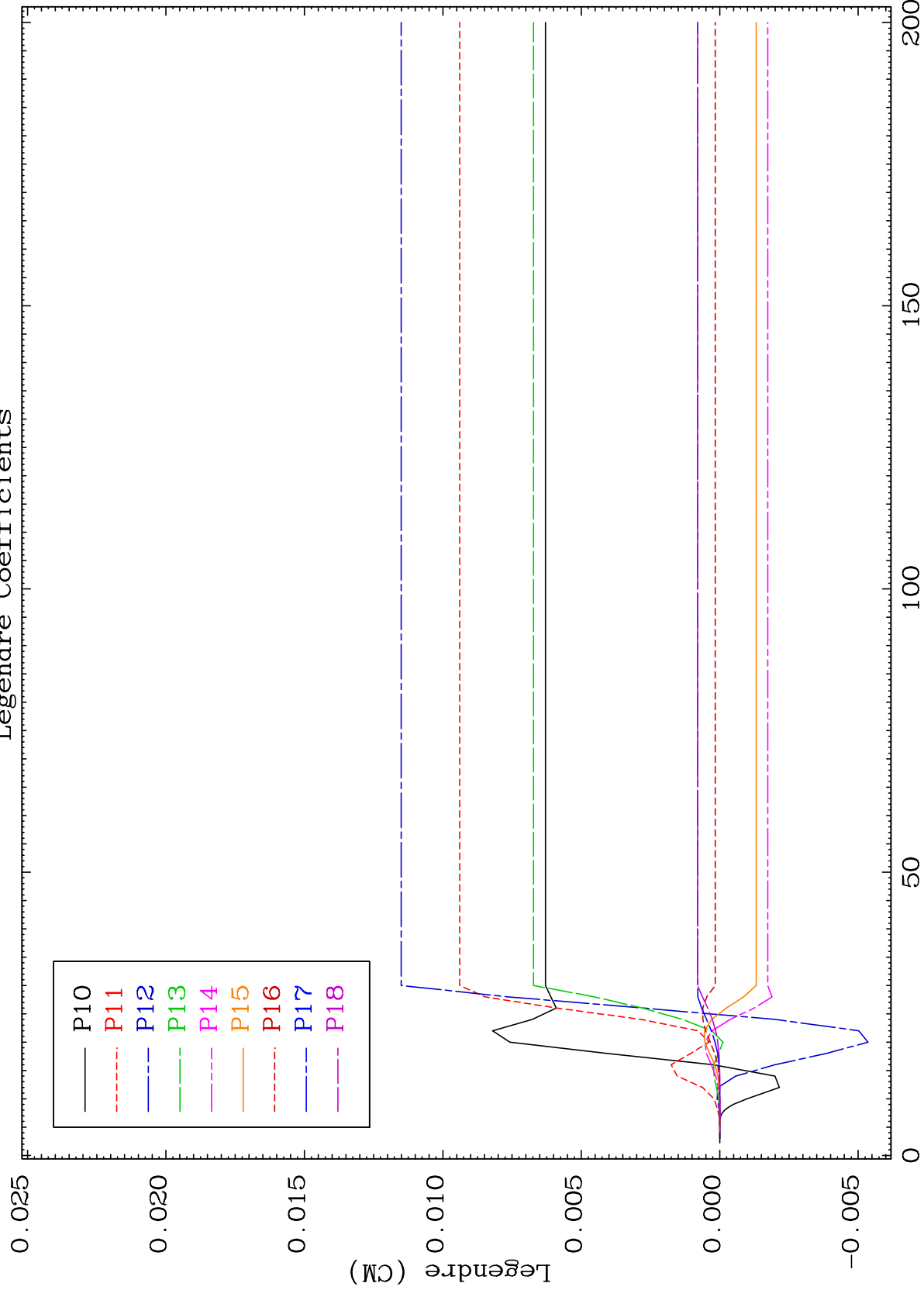
MAT 3825

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

38-Sr-84



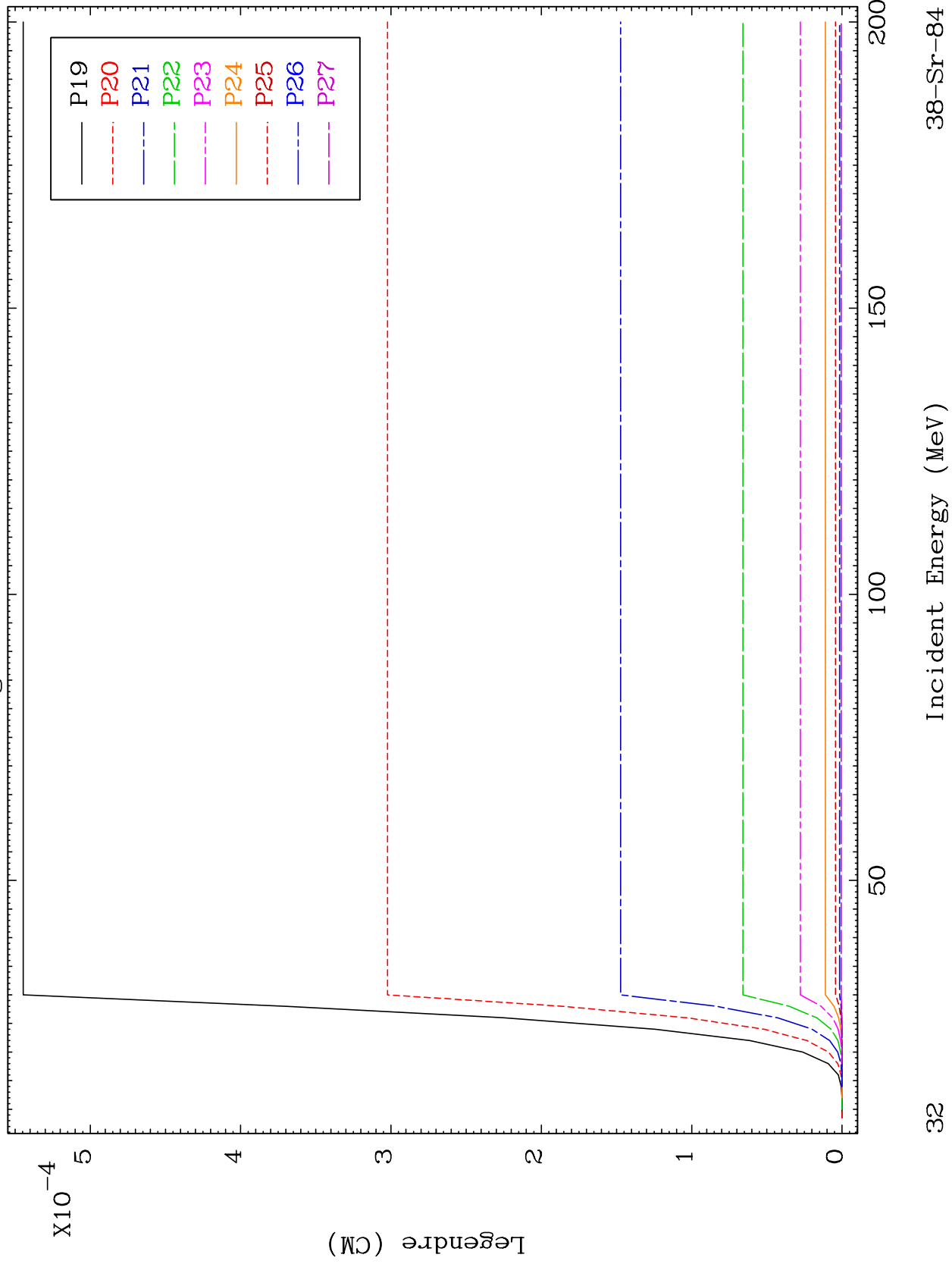
38-Sr-84



MAT 3825

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

38-Sr-84



32

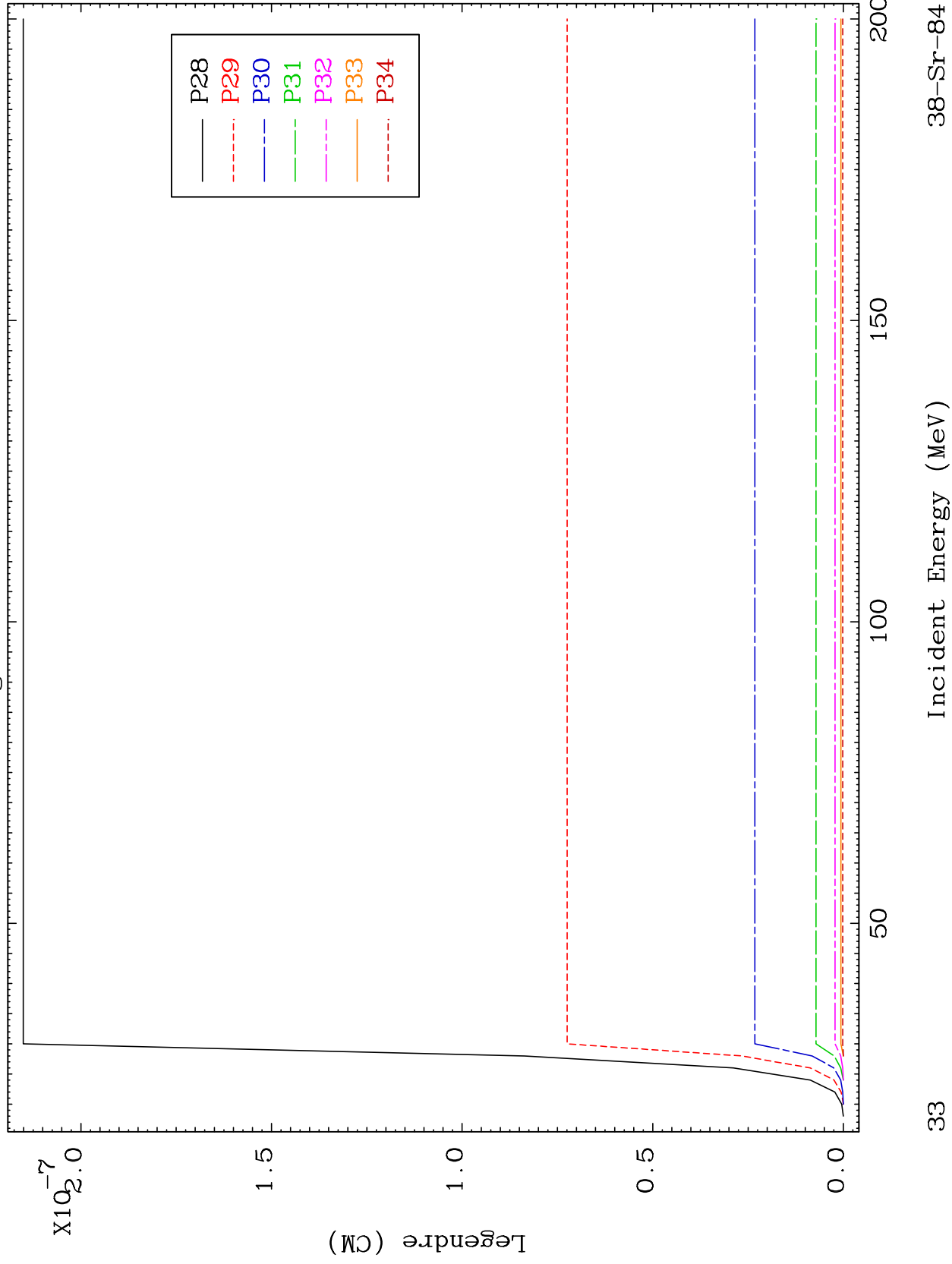
Incident Energy (MeV)

38-Sr-84

MAT 3825

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

38-Sr-84



33

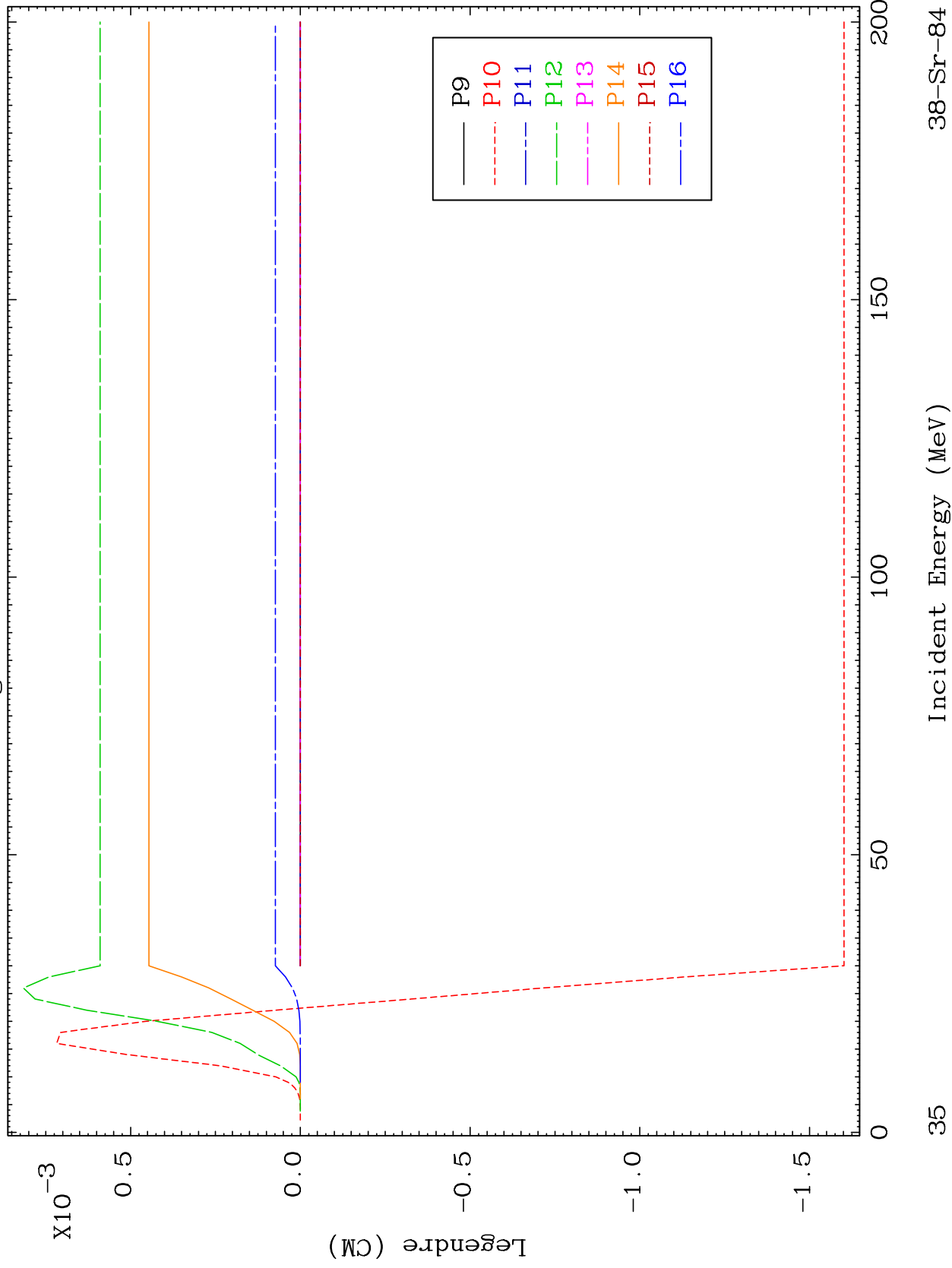
Incident Energy (MeV)

38-Sr-84

MAT 3825

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

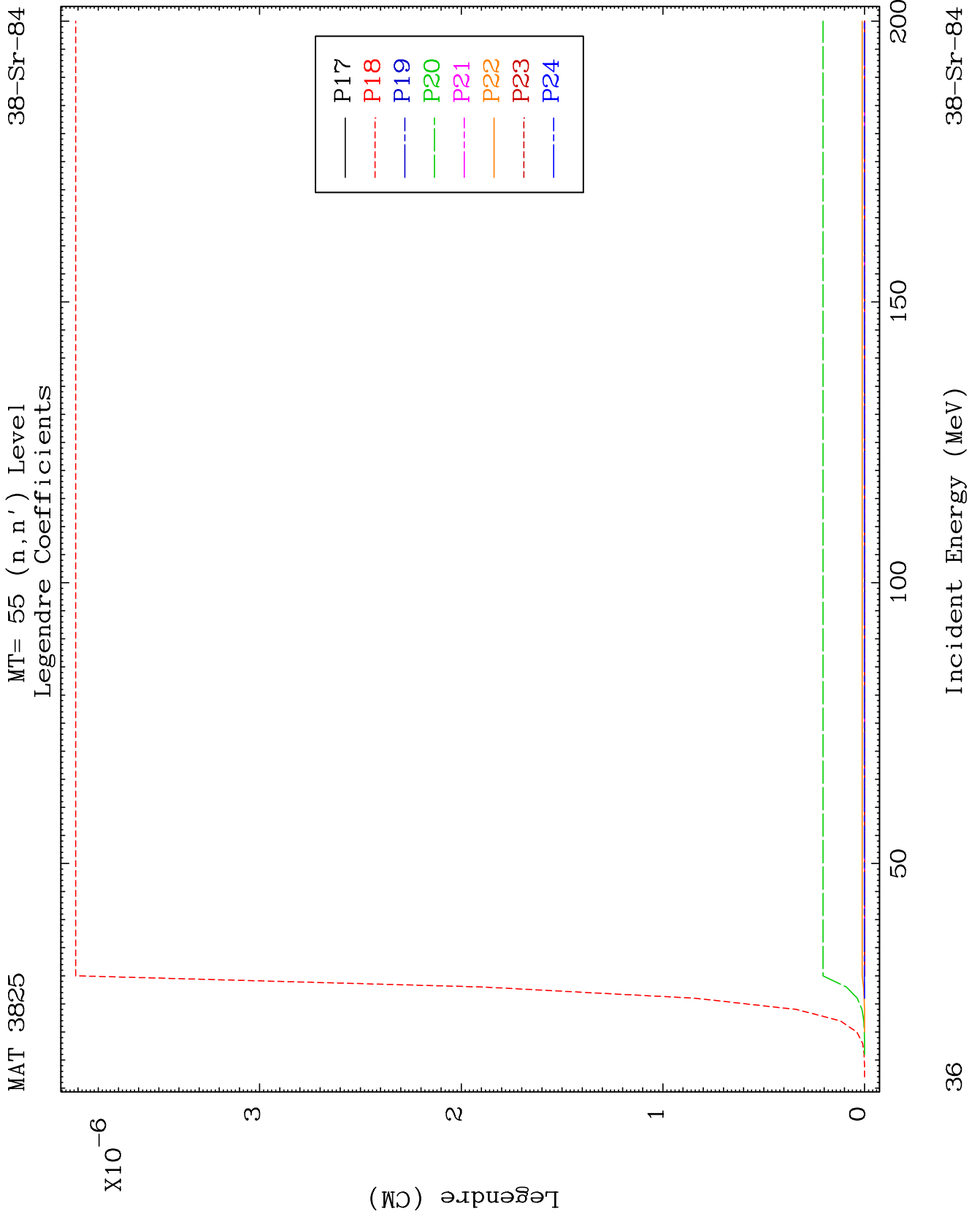
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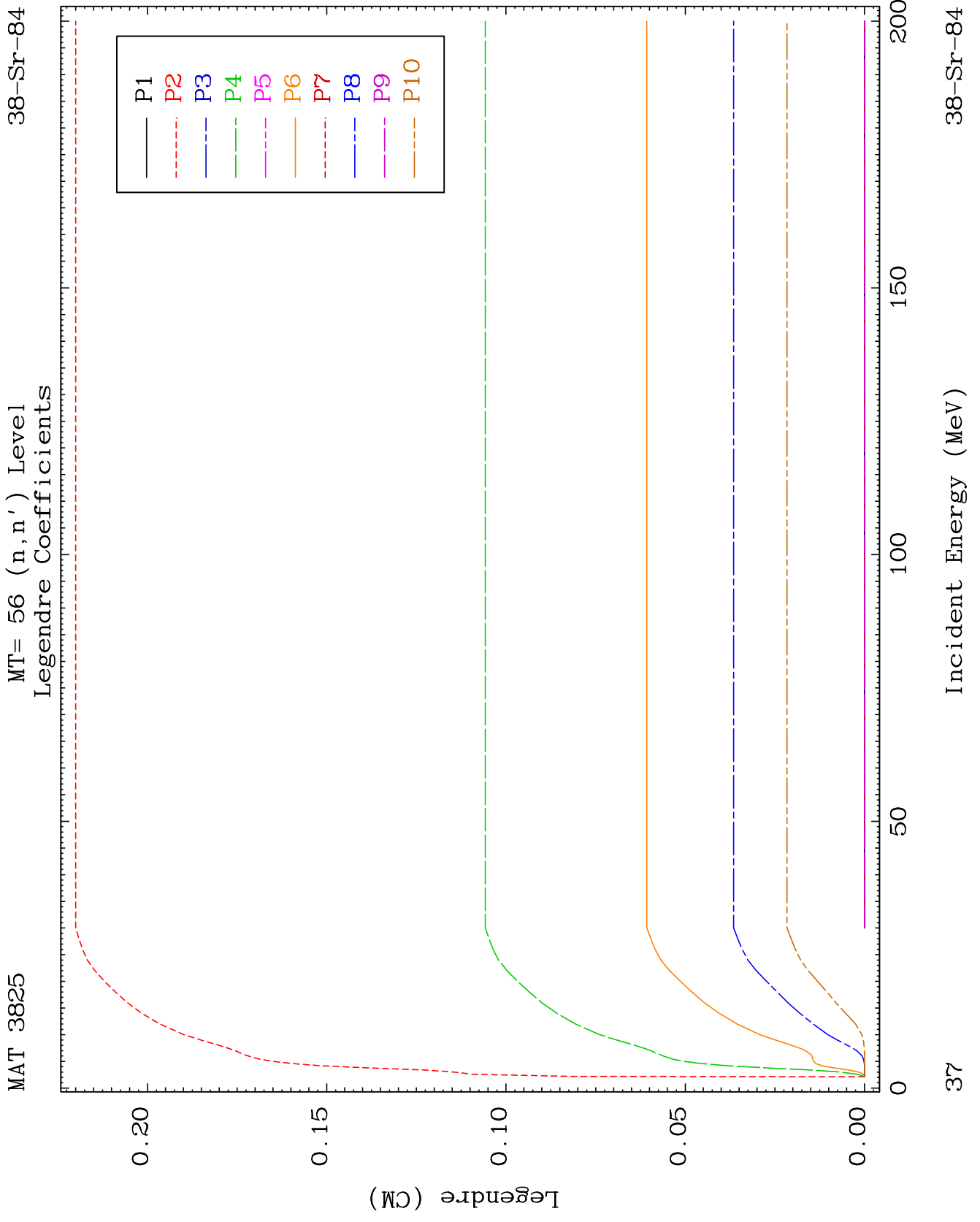


38-Sr-84

Incident Energy (MeV)

35

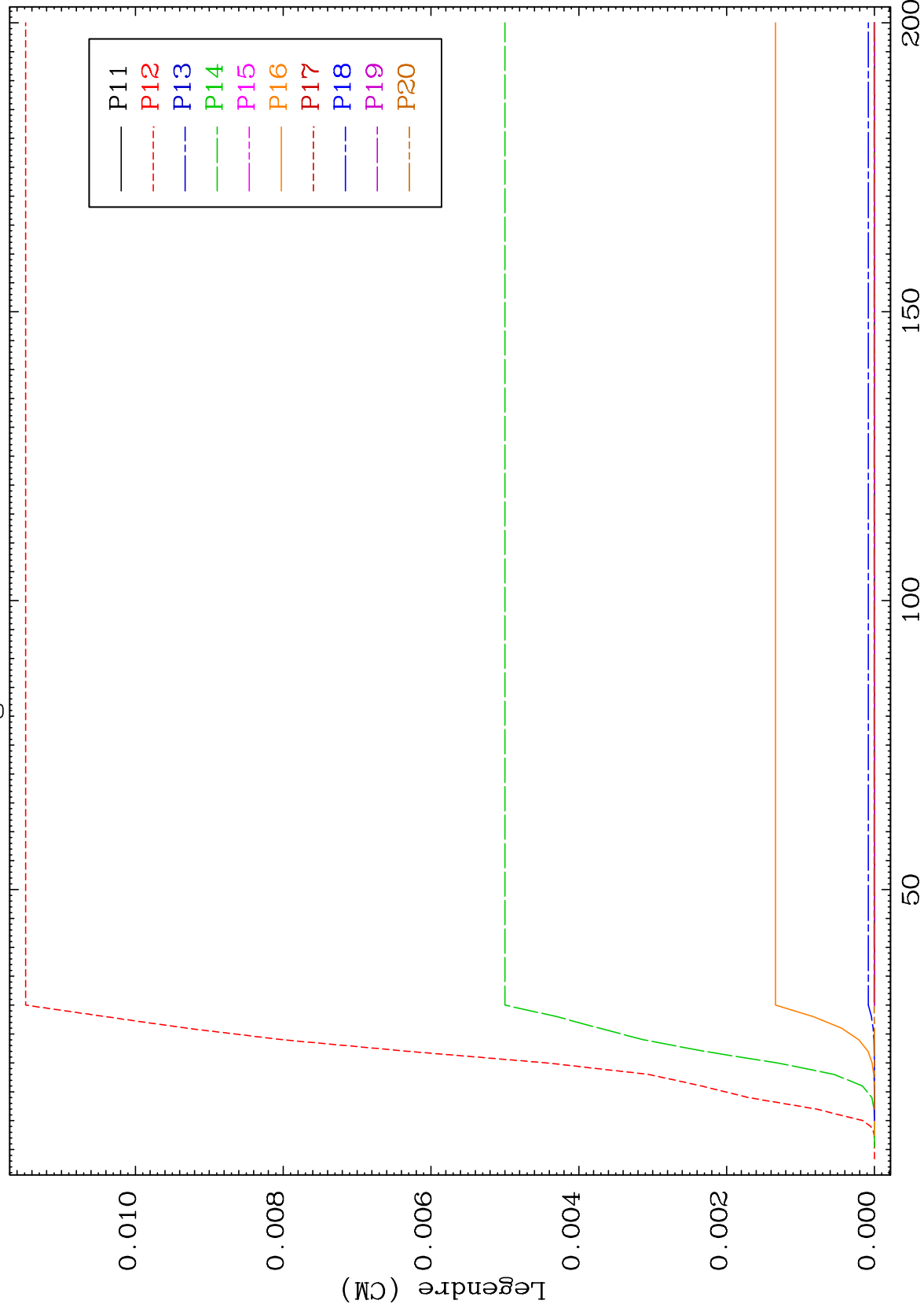




MAT 3825

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

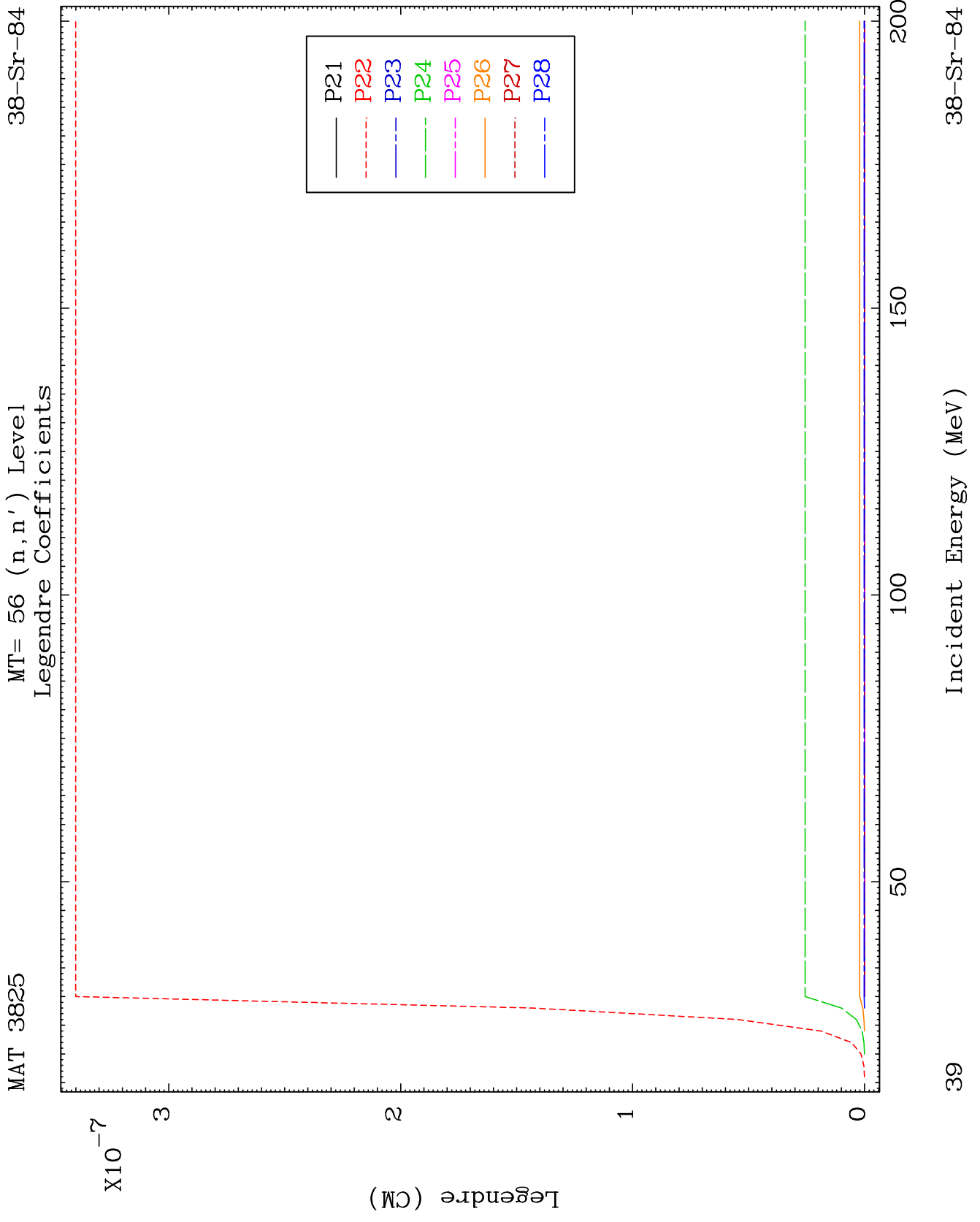
38-Sr-84



38

Incident Energy (MeV)

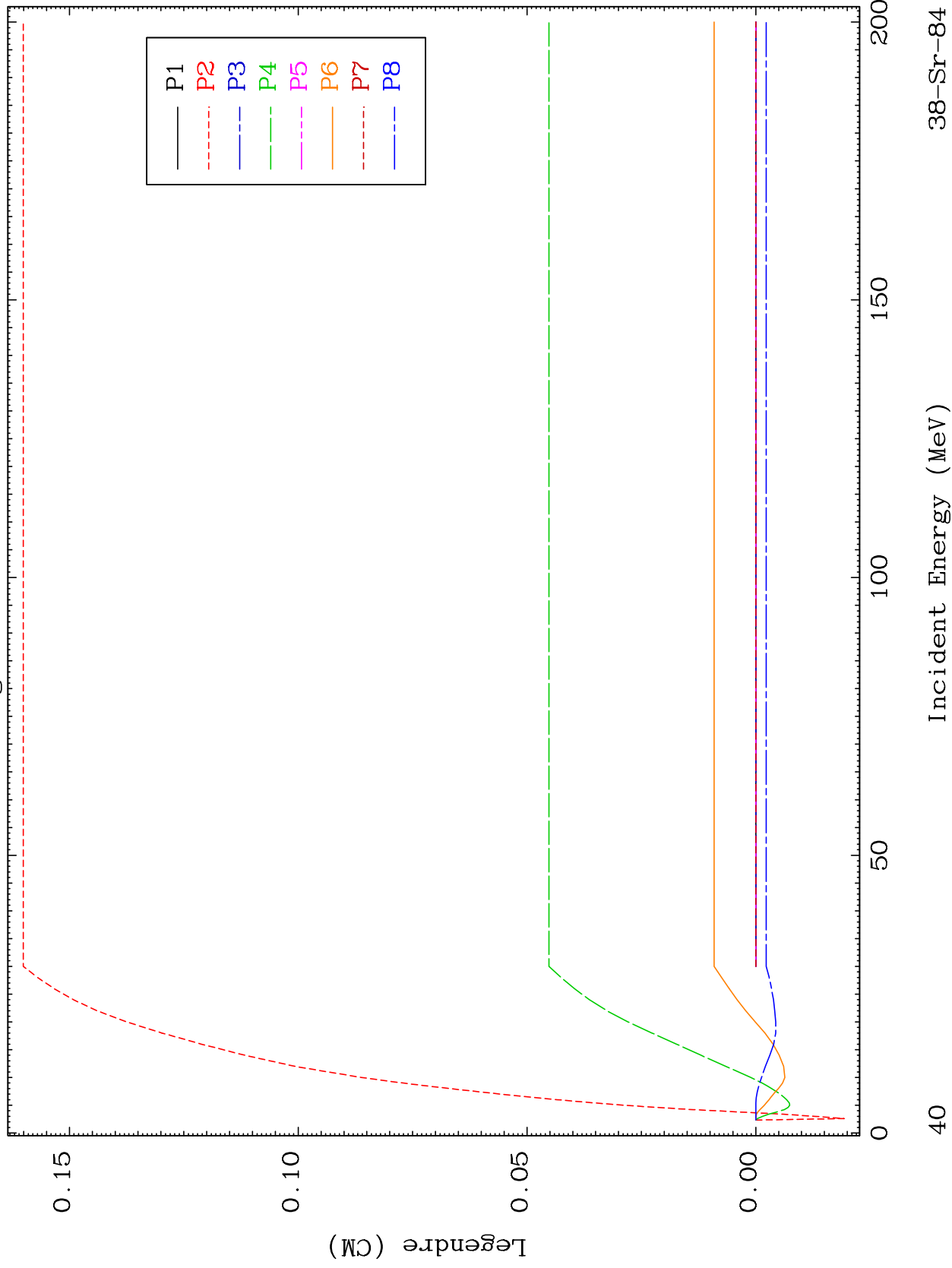
38-Sr-84



MAT 3825

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

38-Sr-84

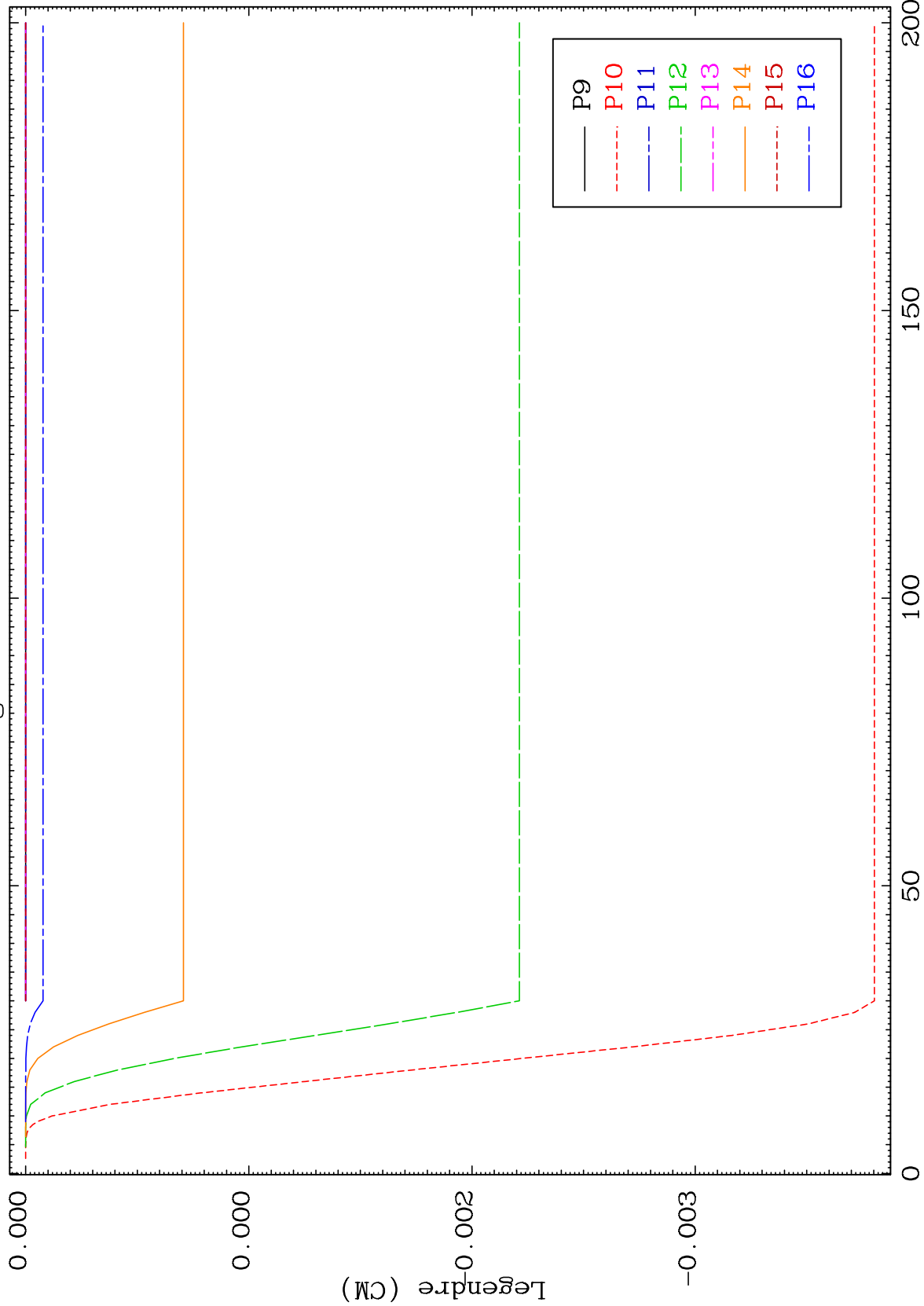


38-Sr-84

MAT 3825

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

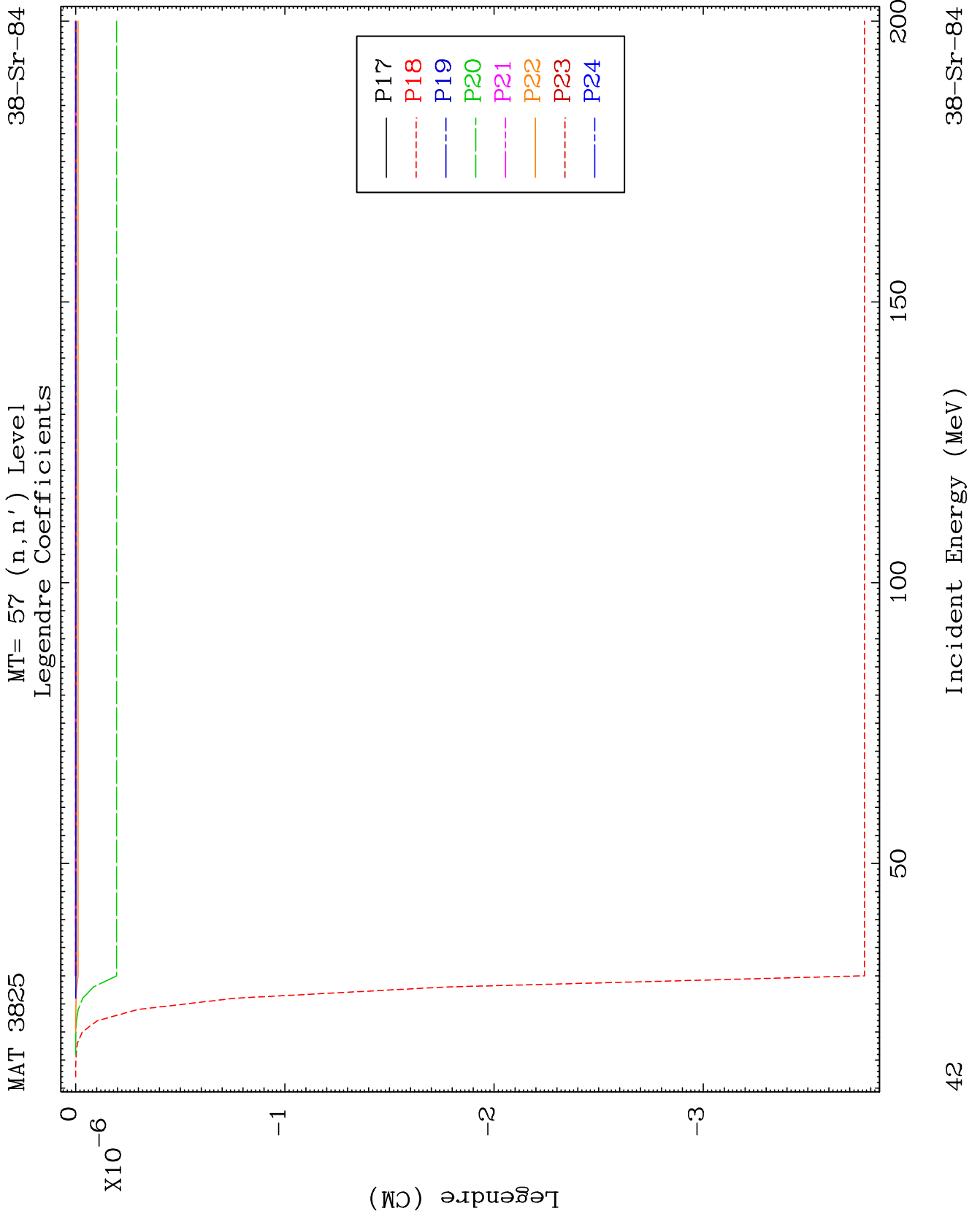
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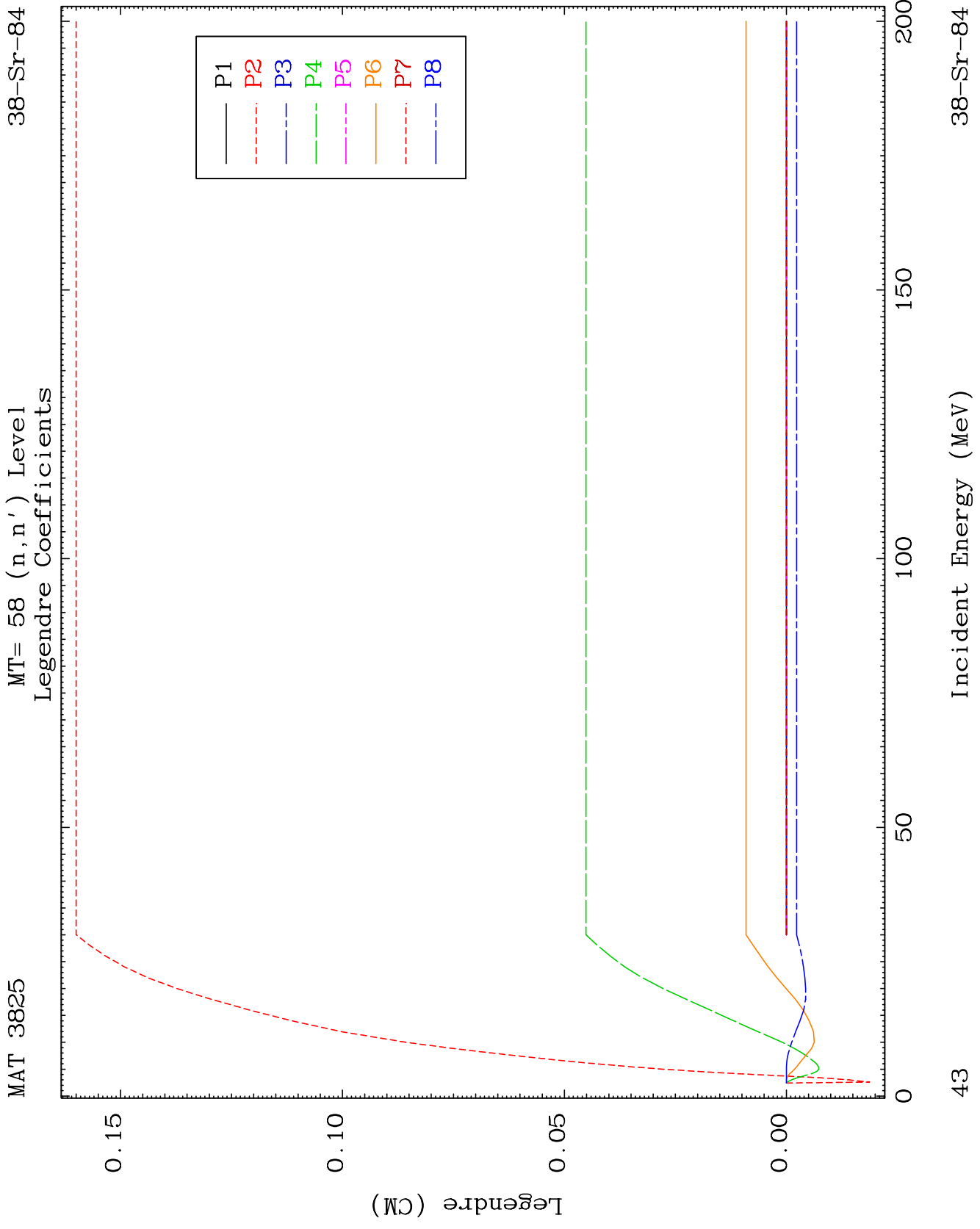


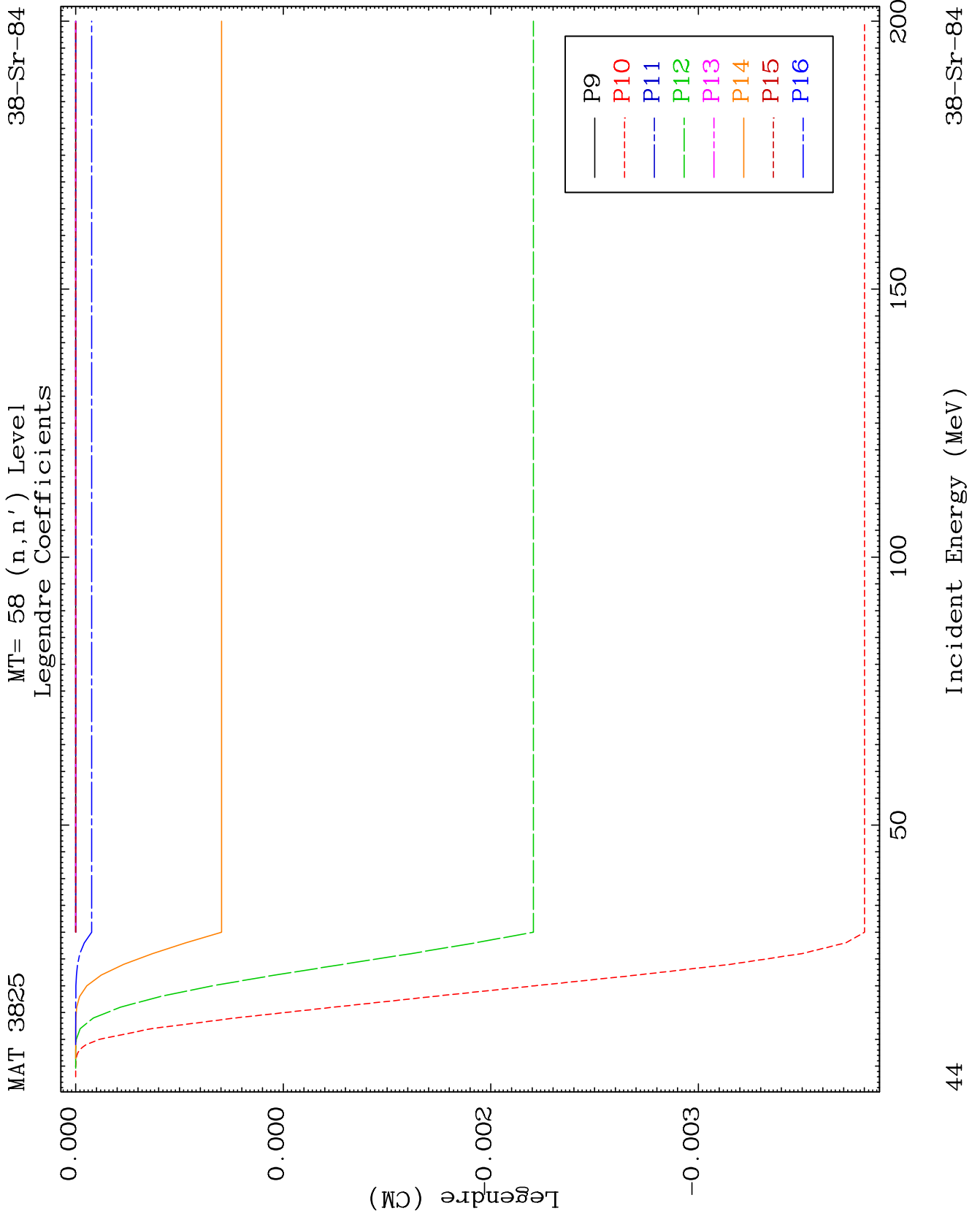
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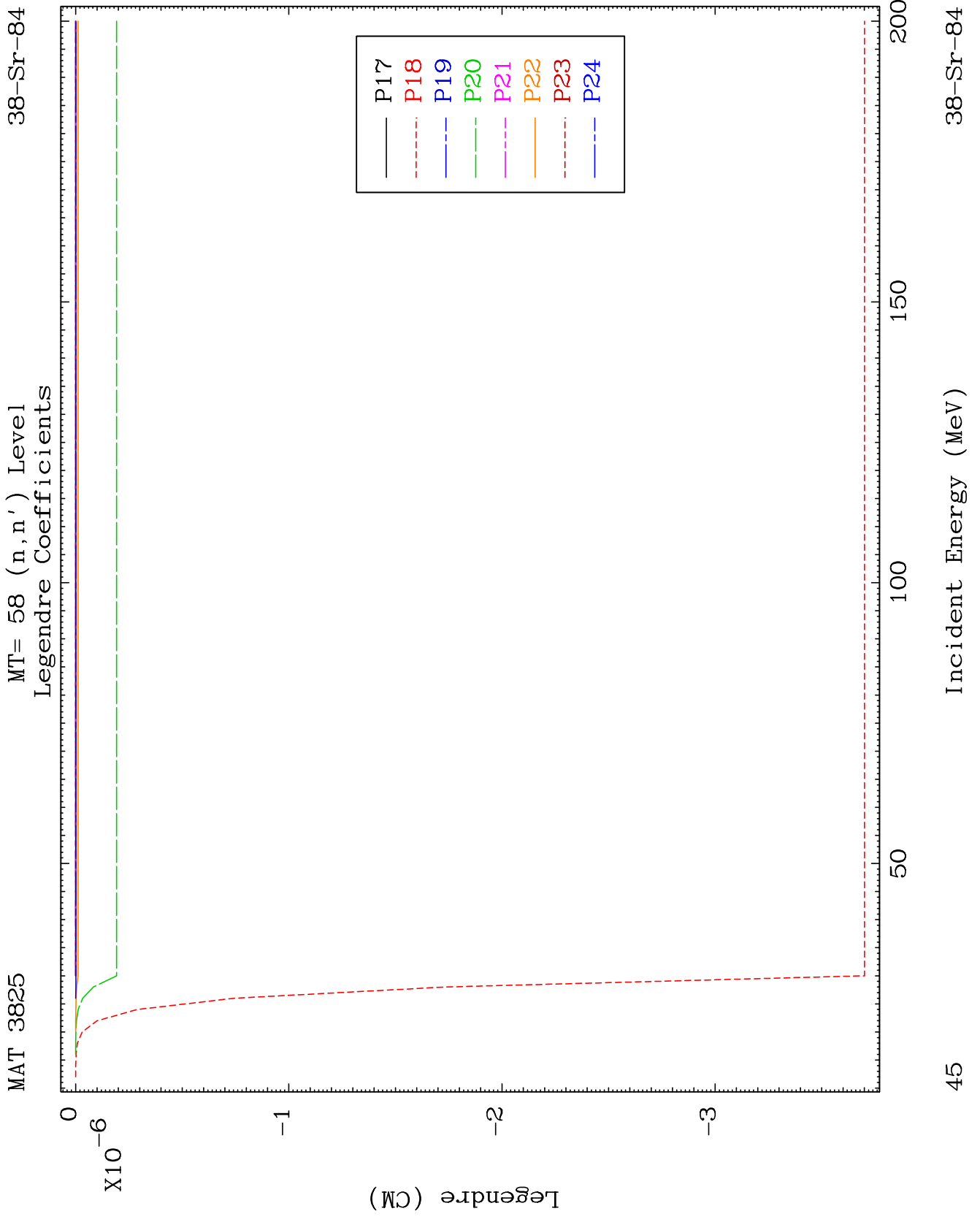
Incident Energy (MeV)

38-Sr-84





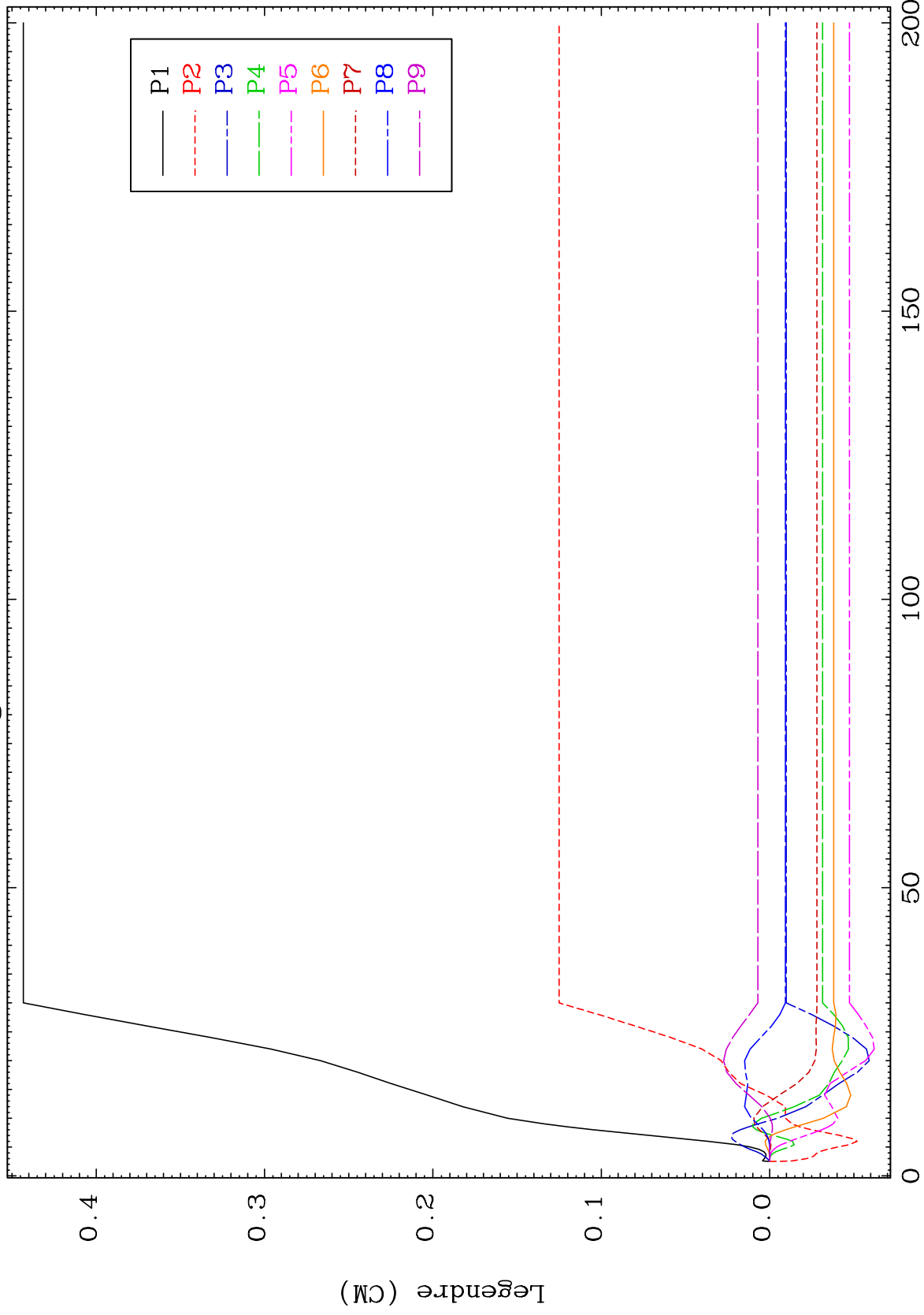




MAT 3825

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

38-Sr-84



46

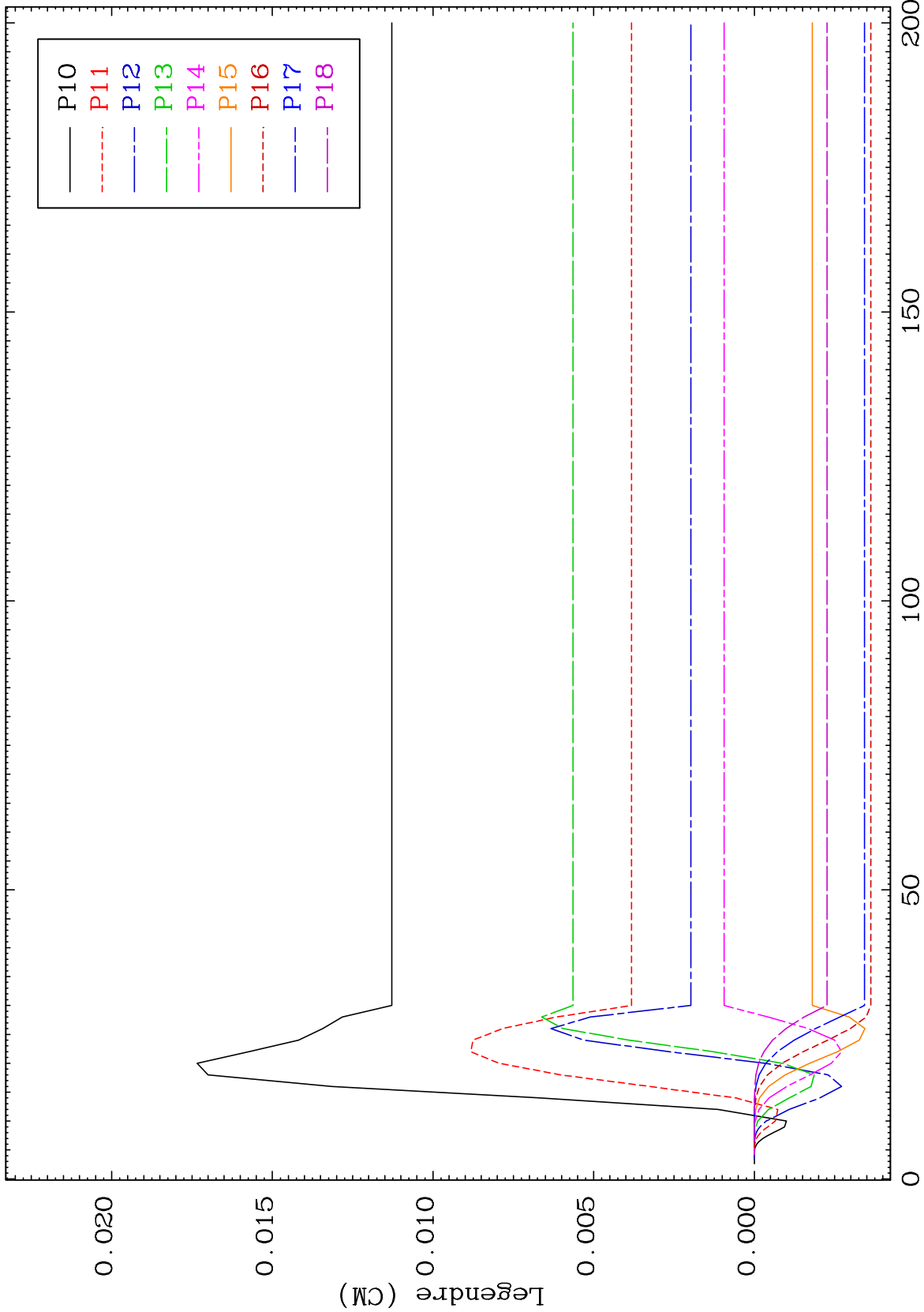
Incident Energy (MeV)

38-Sr-84

MAT 3825

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

38-Sr-84



47

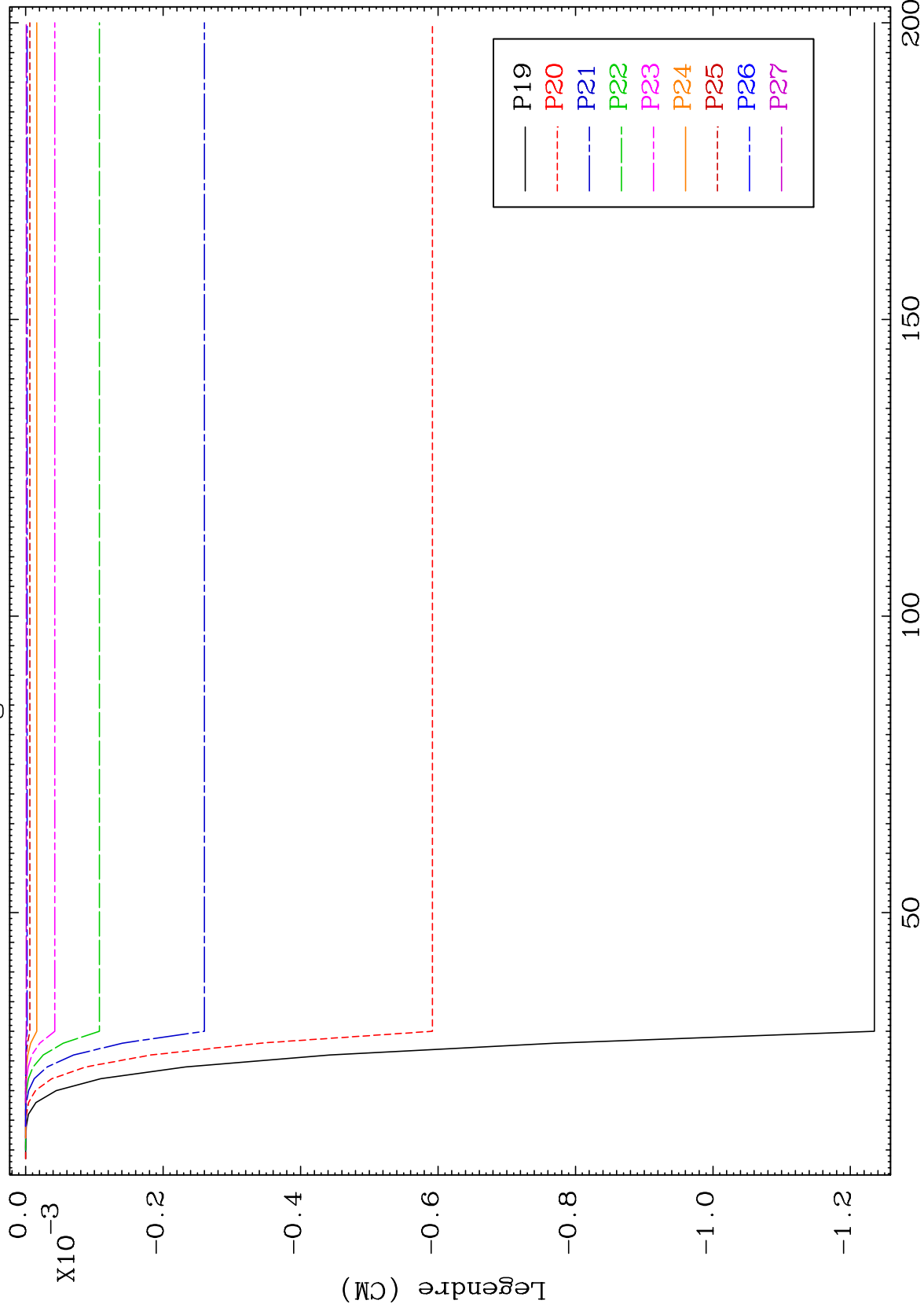
Incident Energy (MeV)

38-Sr-84

MAT 3825

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

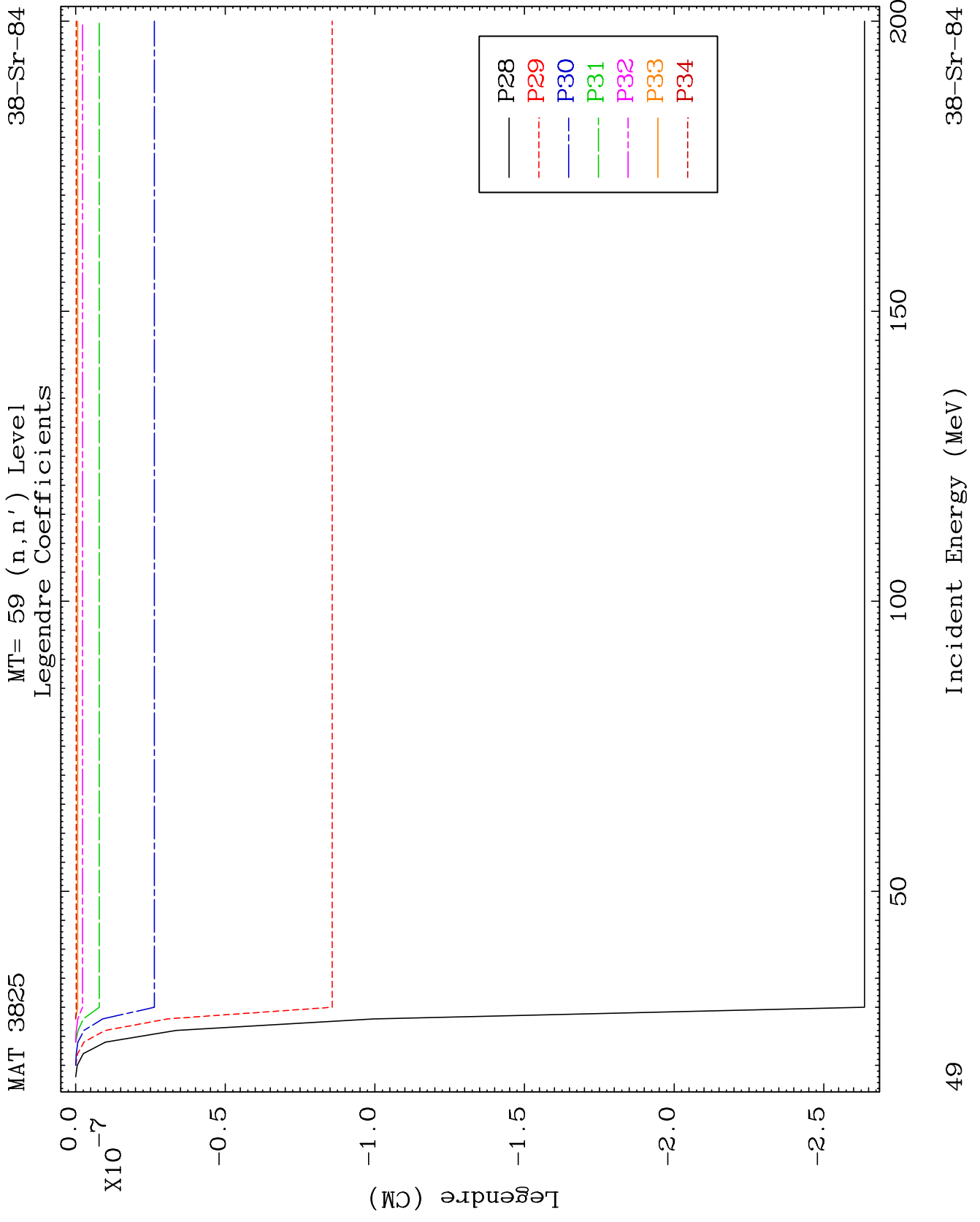
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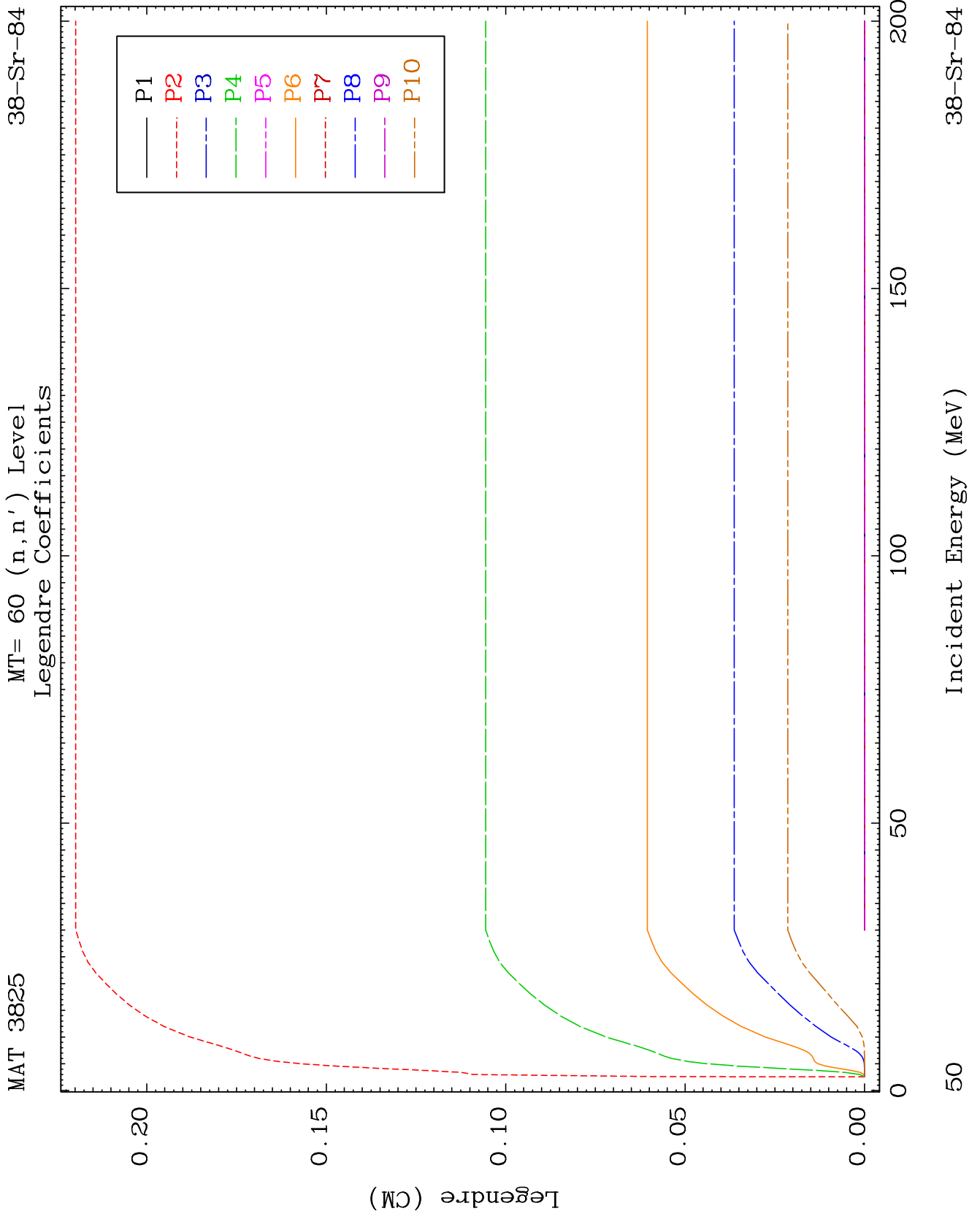


38-Sr-84

Incident Energy (MeV)

48

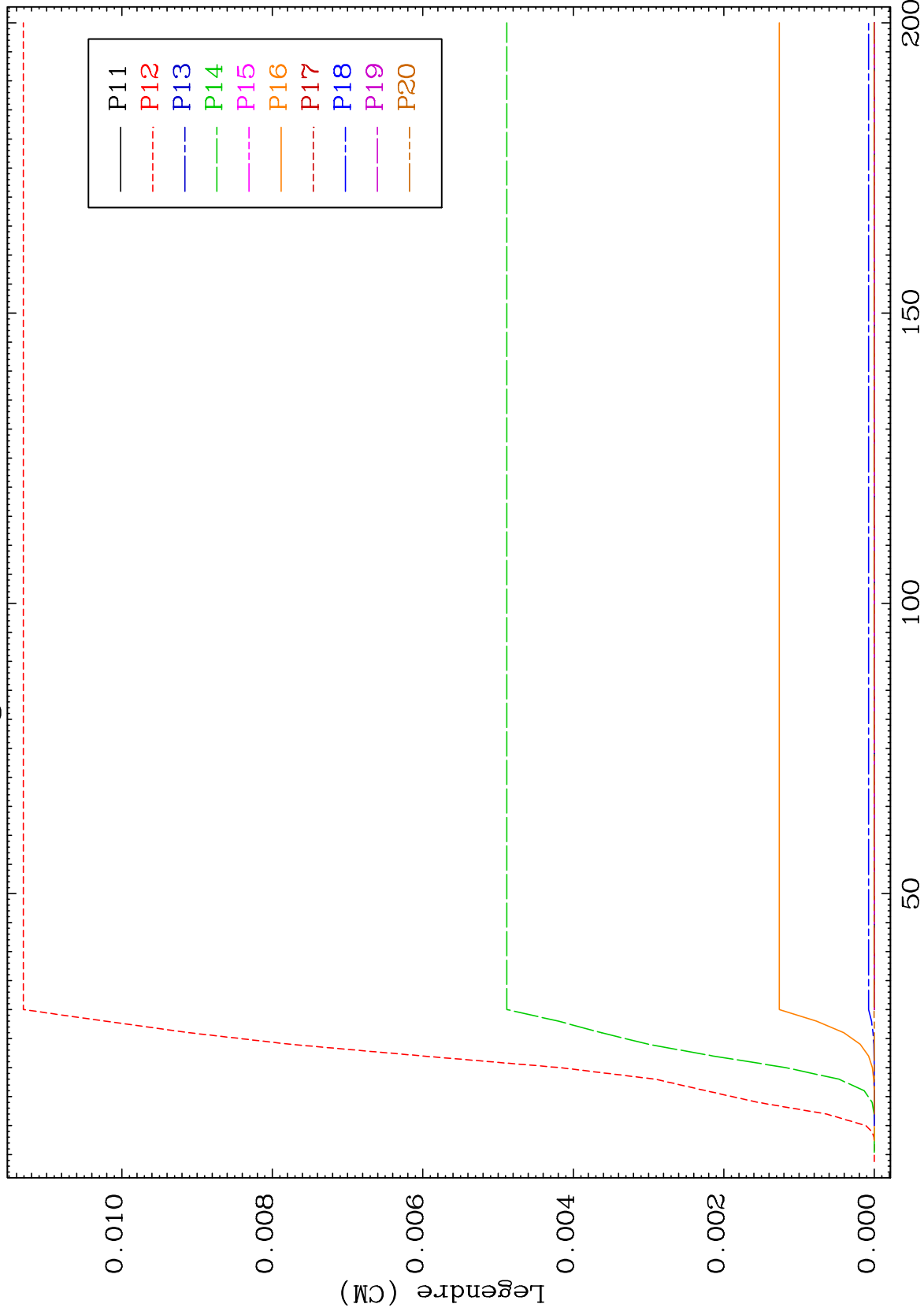




MAT 3825

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

38-Sr-84



51

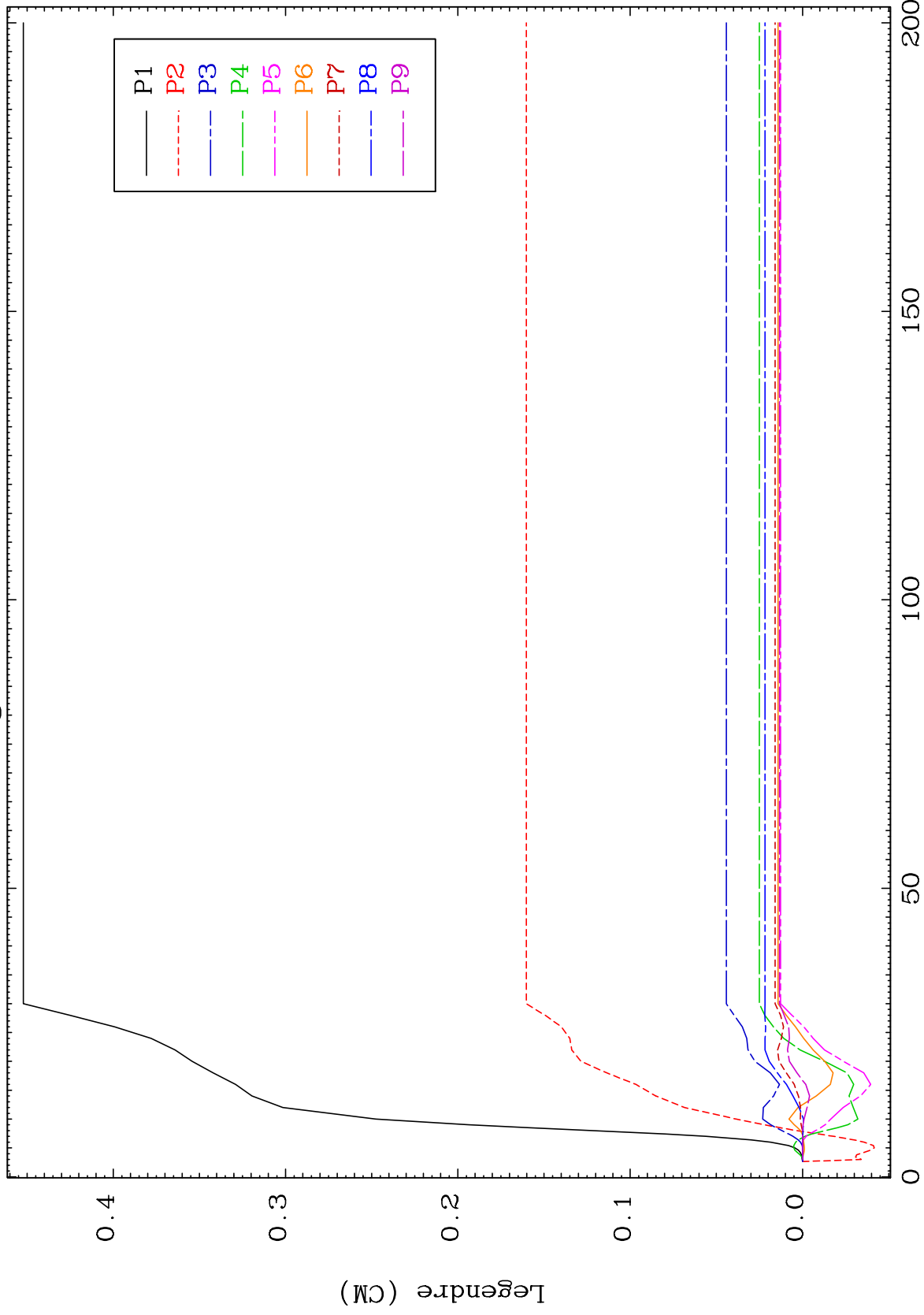
Incident Energy (MeV)

38-Sr-84

MAT 3825

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

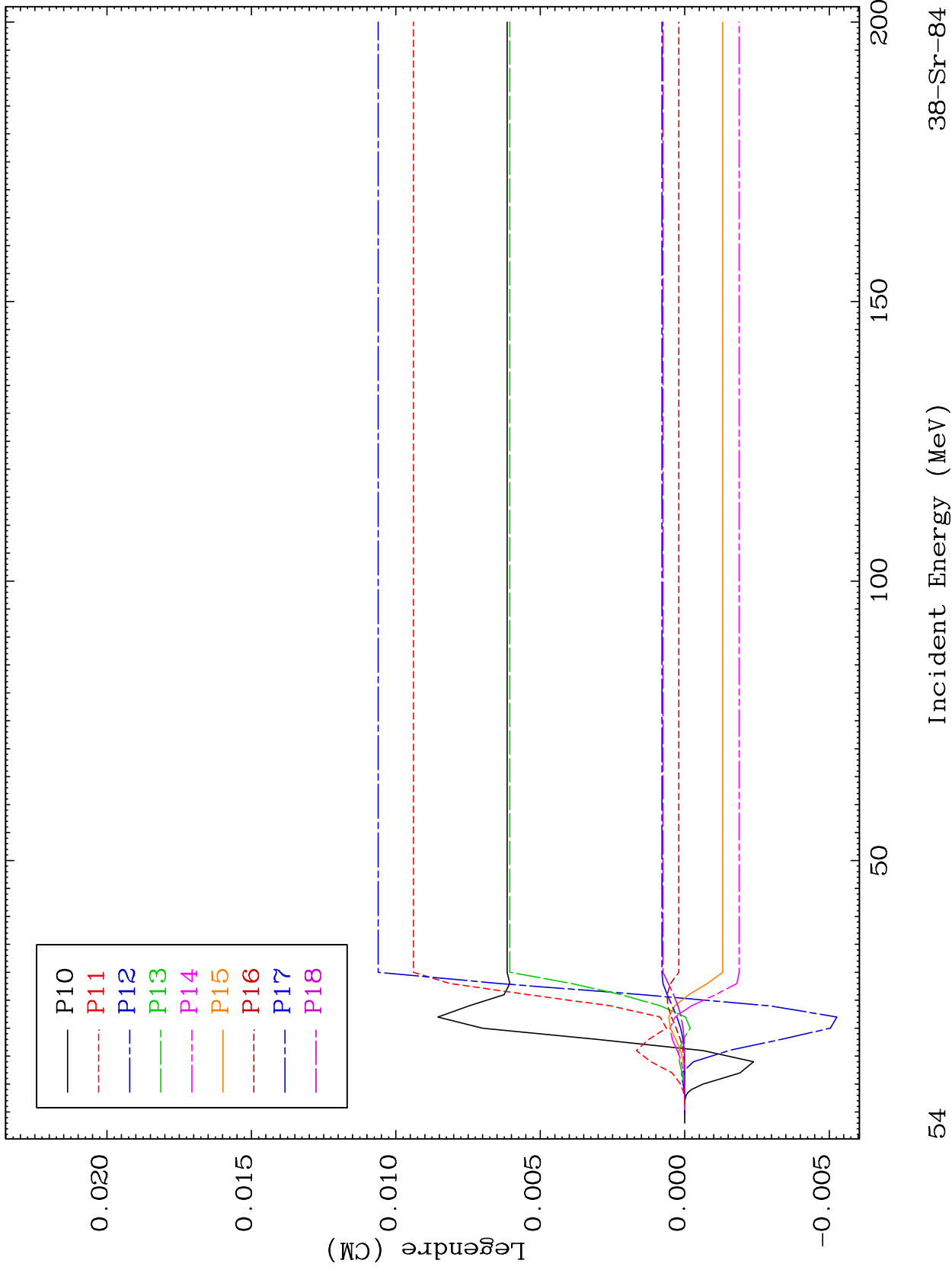
38-Sr-84



53

Incident Energy (MeV)

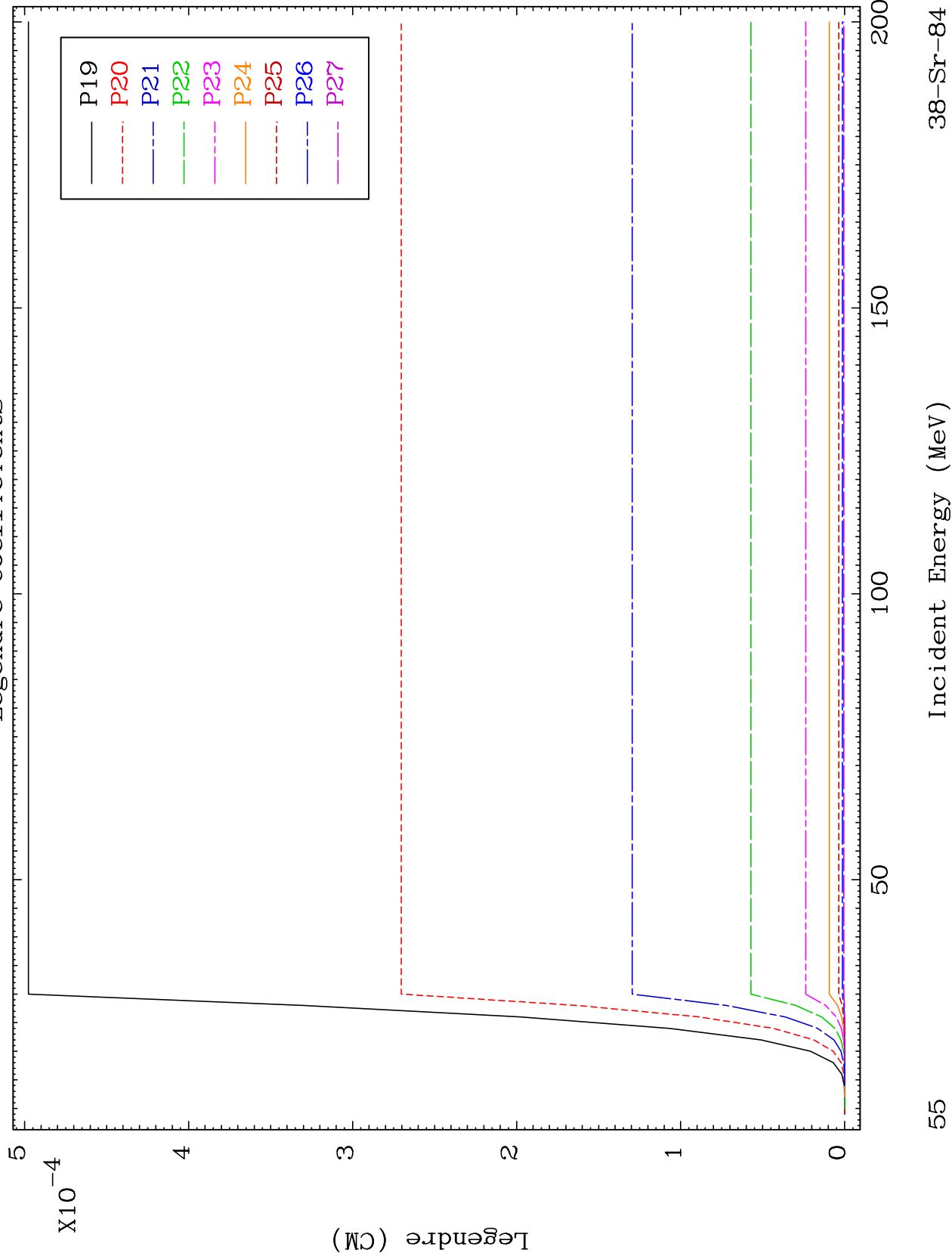
38-Sr-84



MAT 3825

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

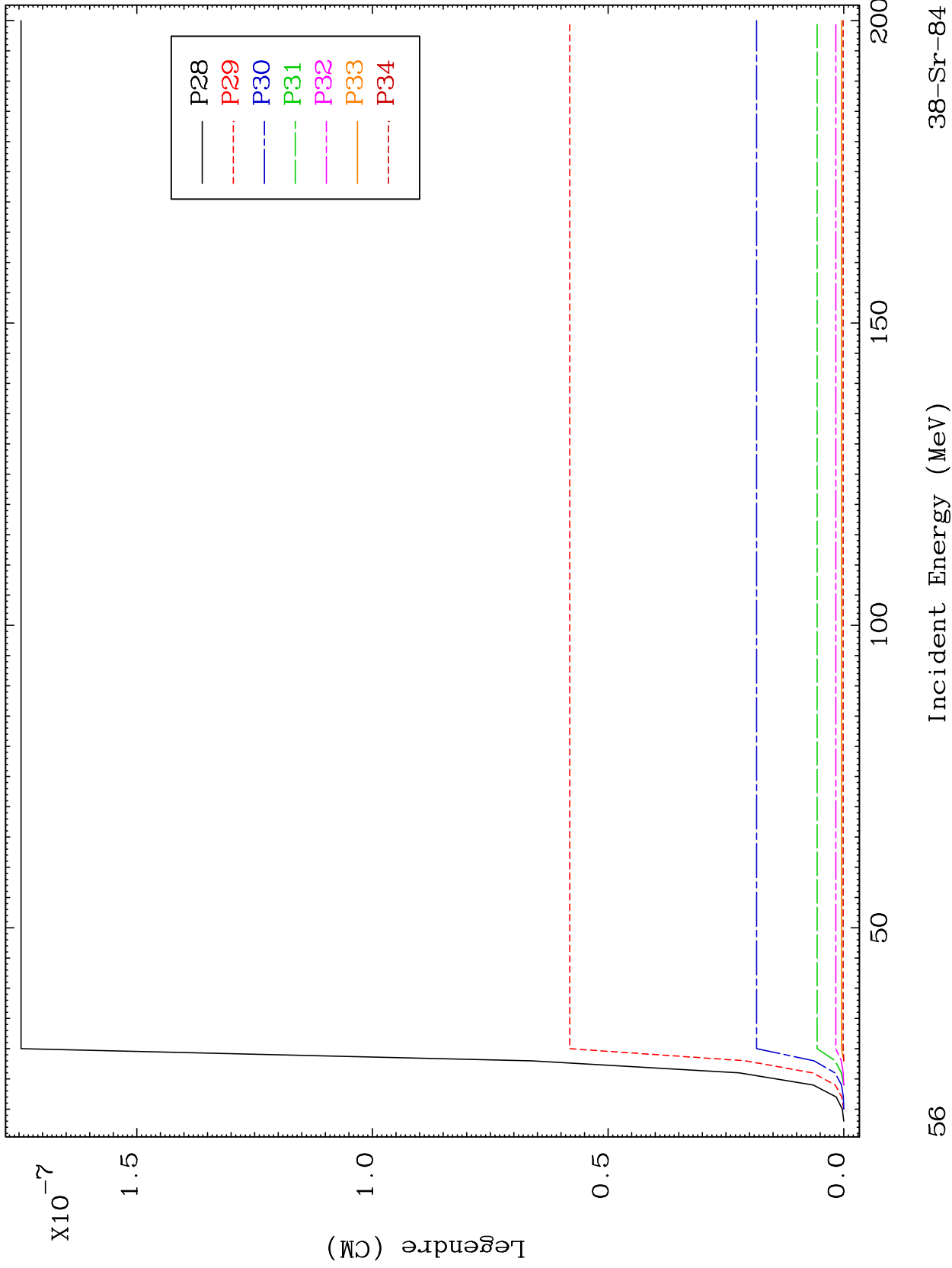
38-Sr-84



MAT 3825

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

38-Sr-84



56

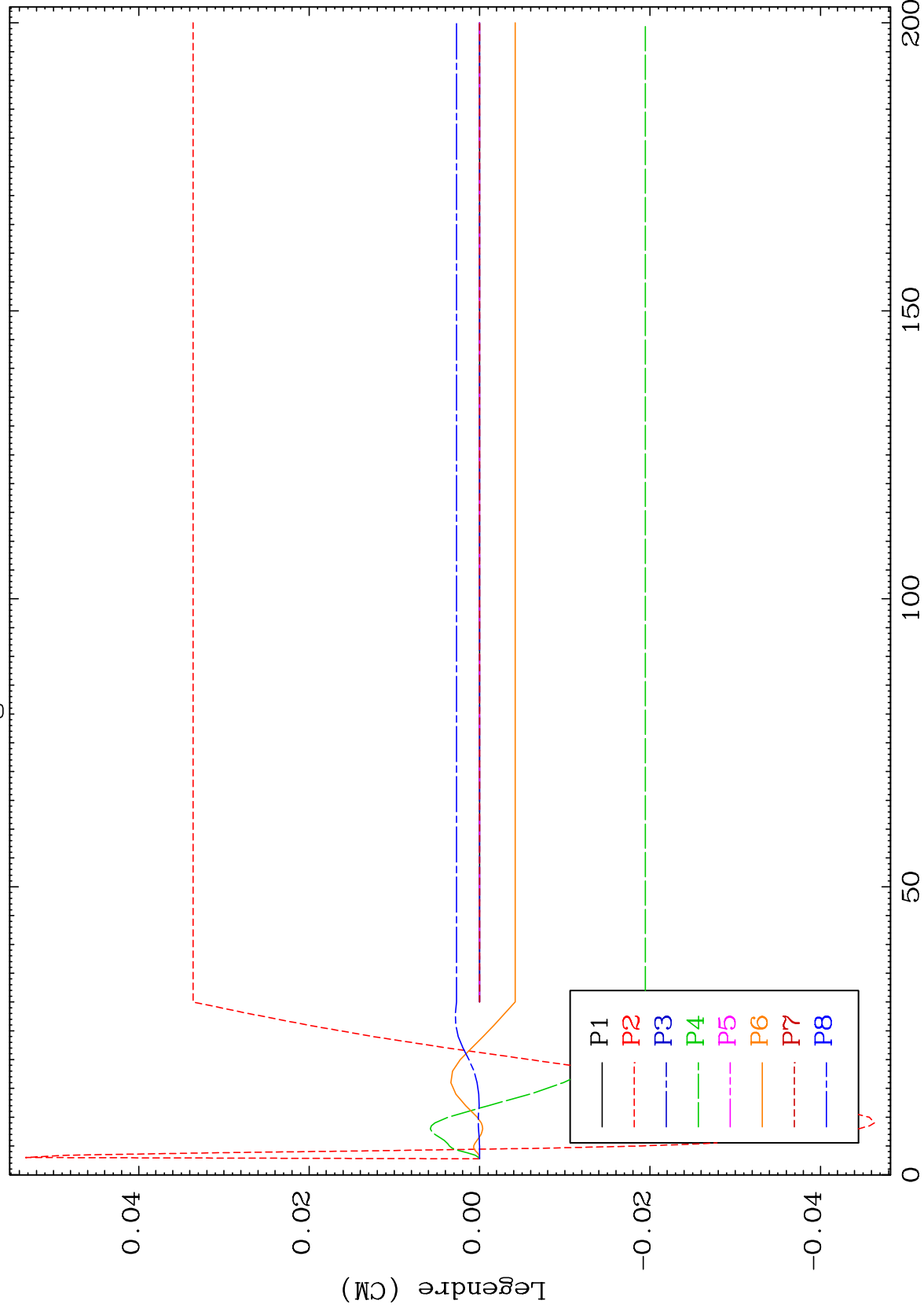
Incident Energy (MeV)

38-Sr-84

MAT 3825

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

38-Sr-84



57

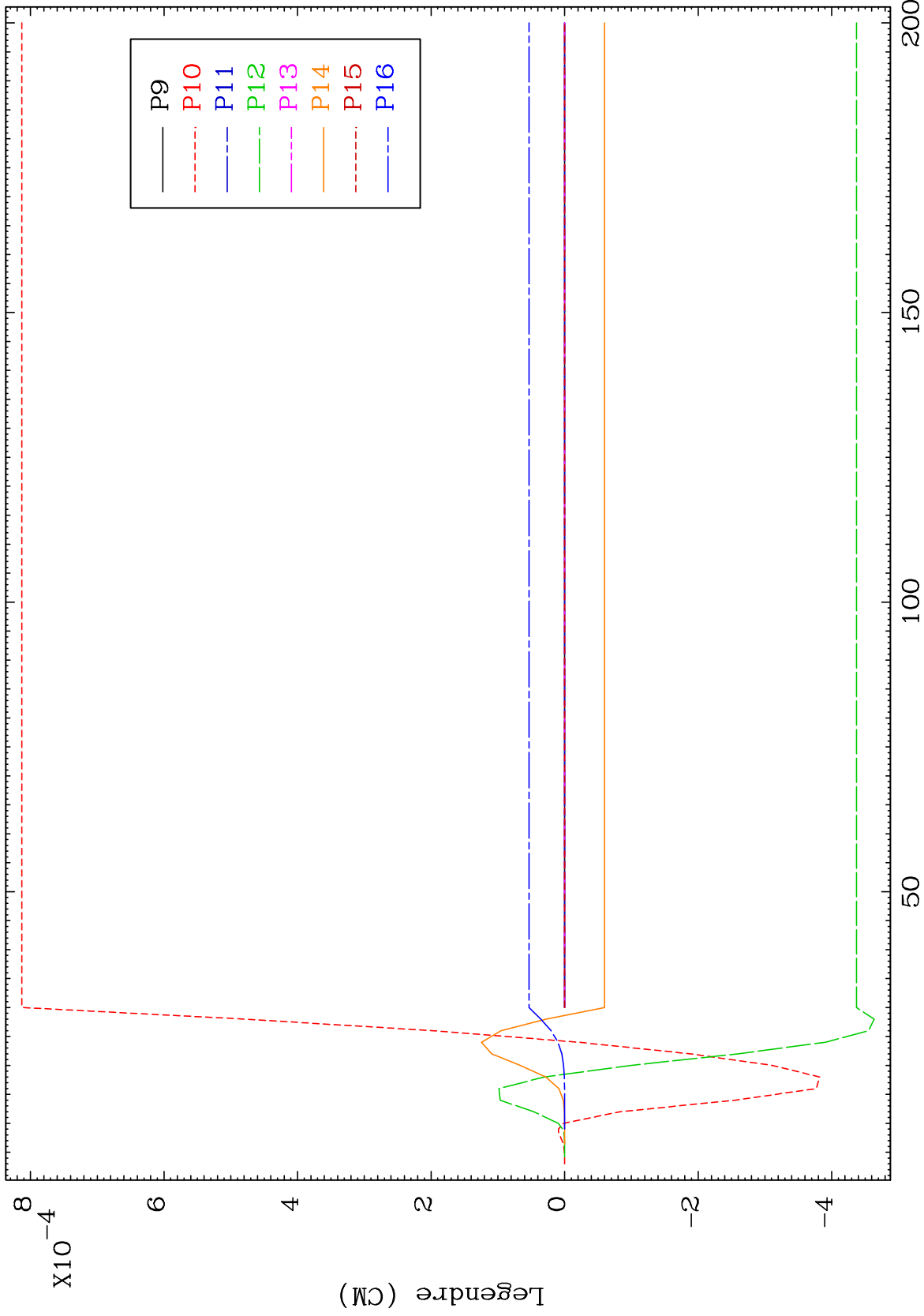
Incident Energy (MeV)

38-Sr-84

MAT 3825

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

38-Sr-84



58

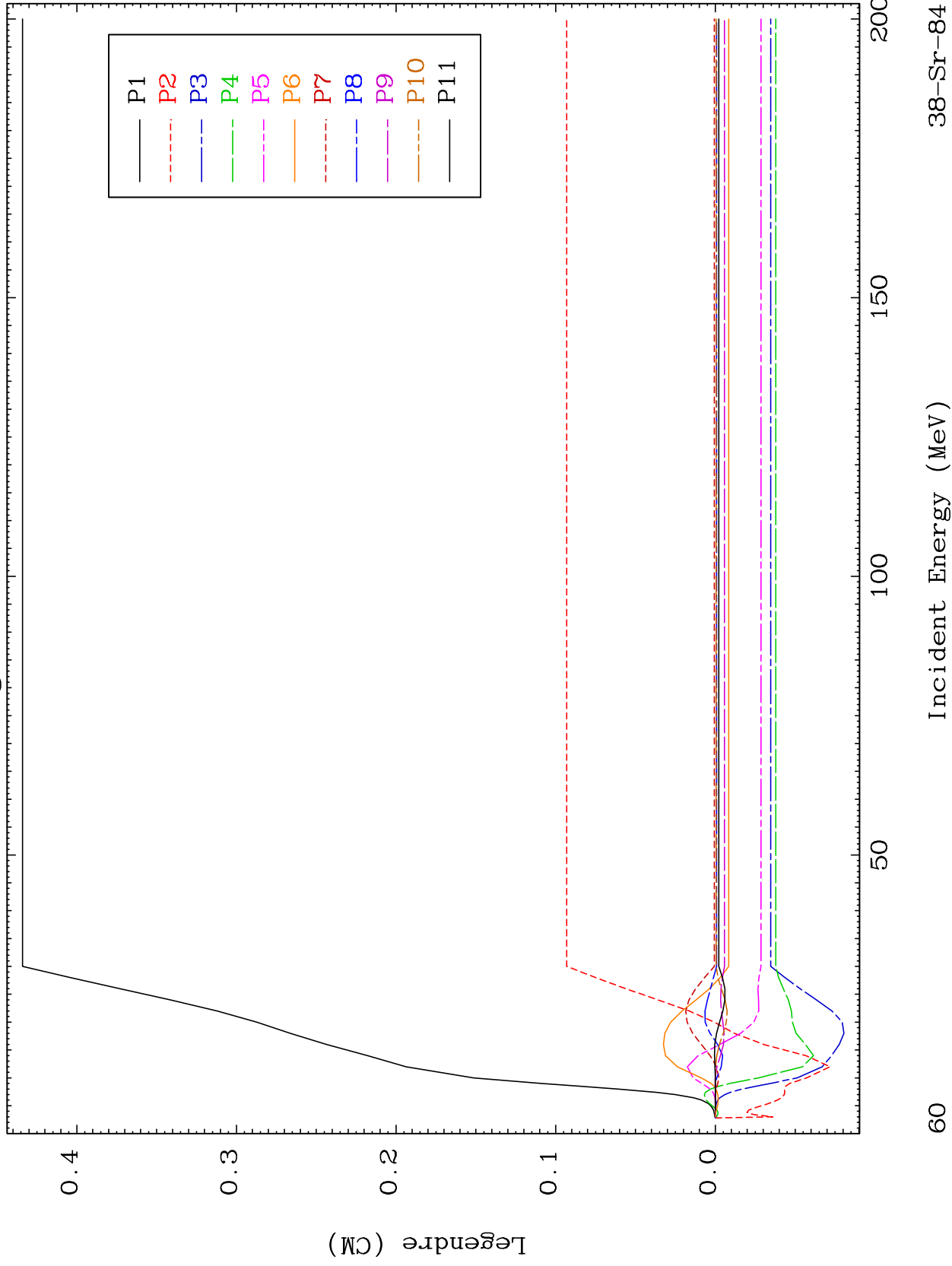
Incident Energy (MeV)

38-Sr-84

MAT 3825

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

38-Sr-84

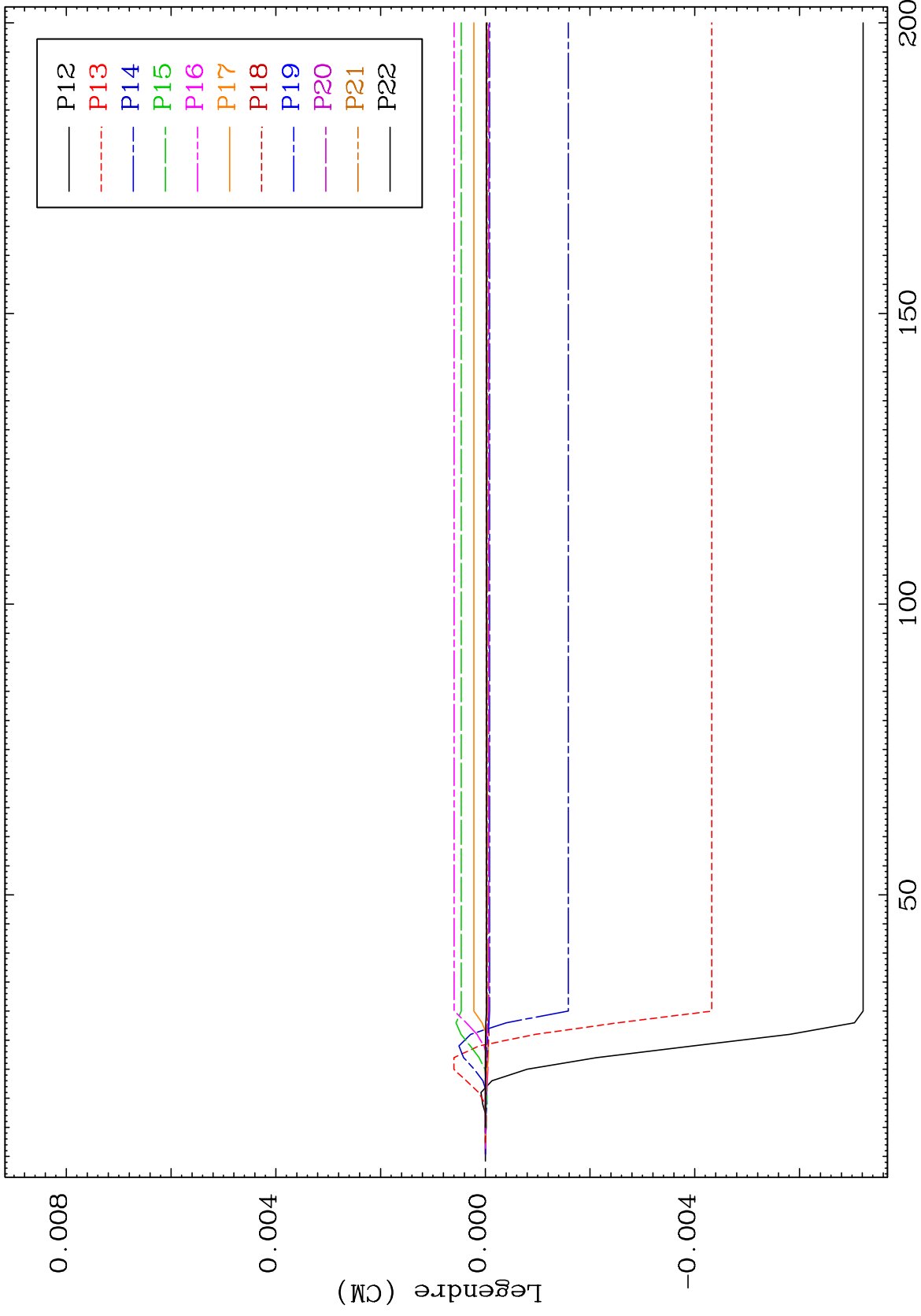


38-Sr-84

MAT 3825

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

38-Sr-84



61

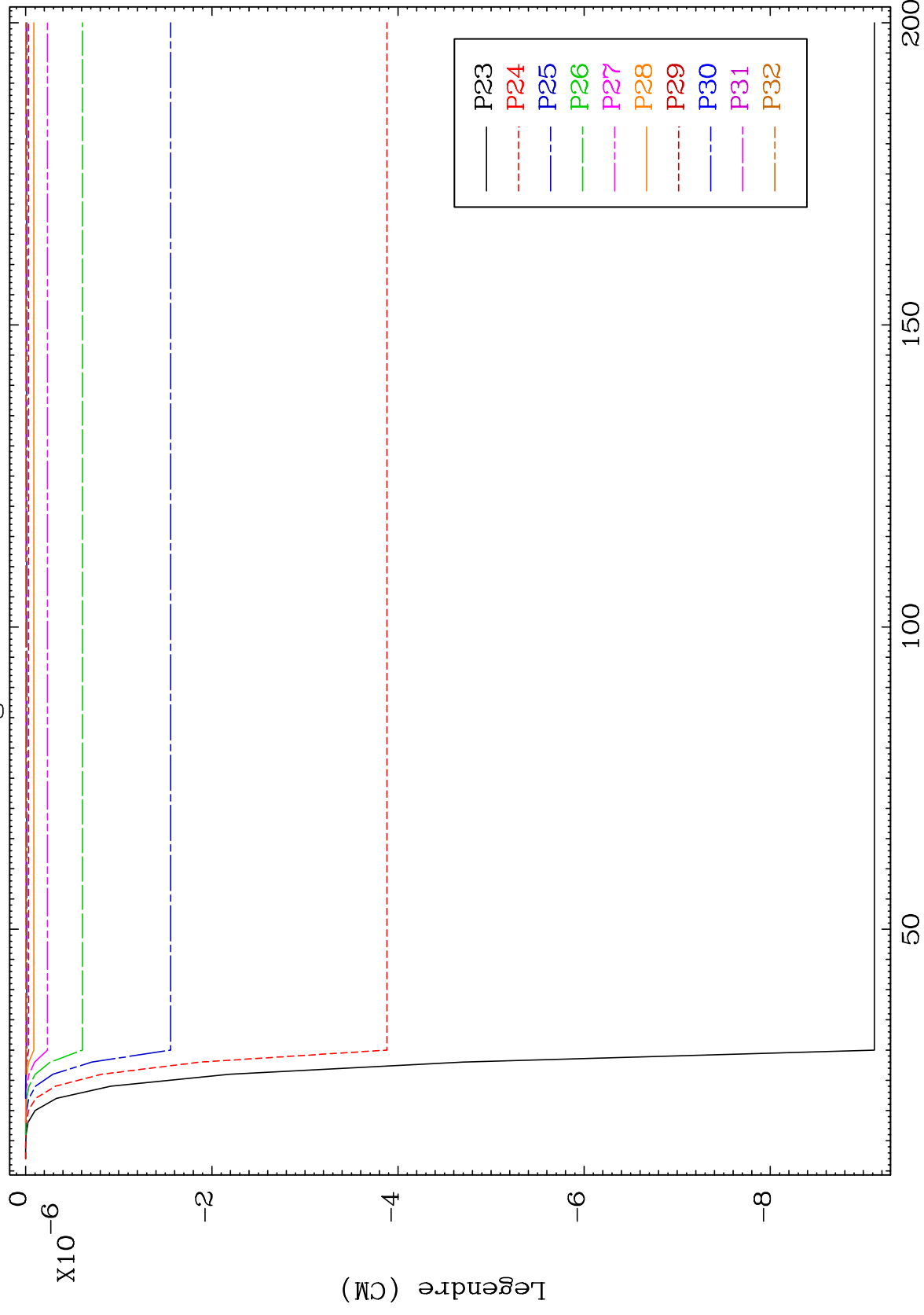
Incident Energy (MeV)

38-Sr-84

MAT 3825

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

38-Sr-84



62

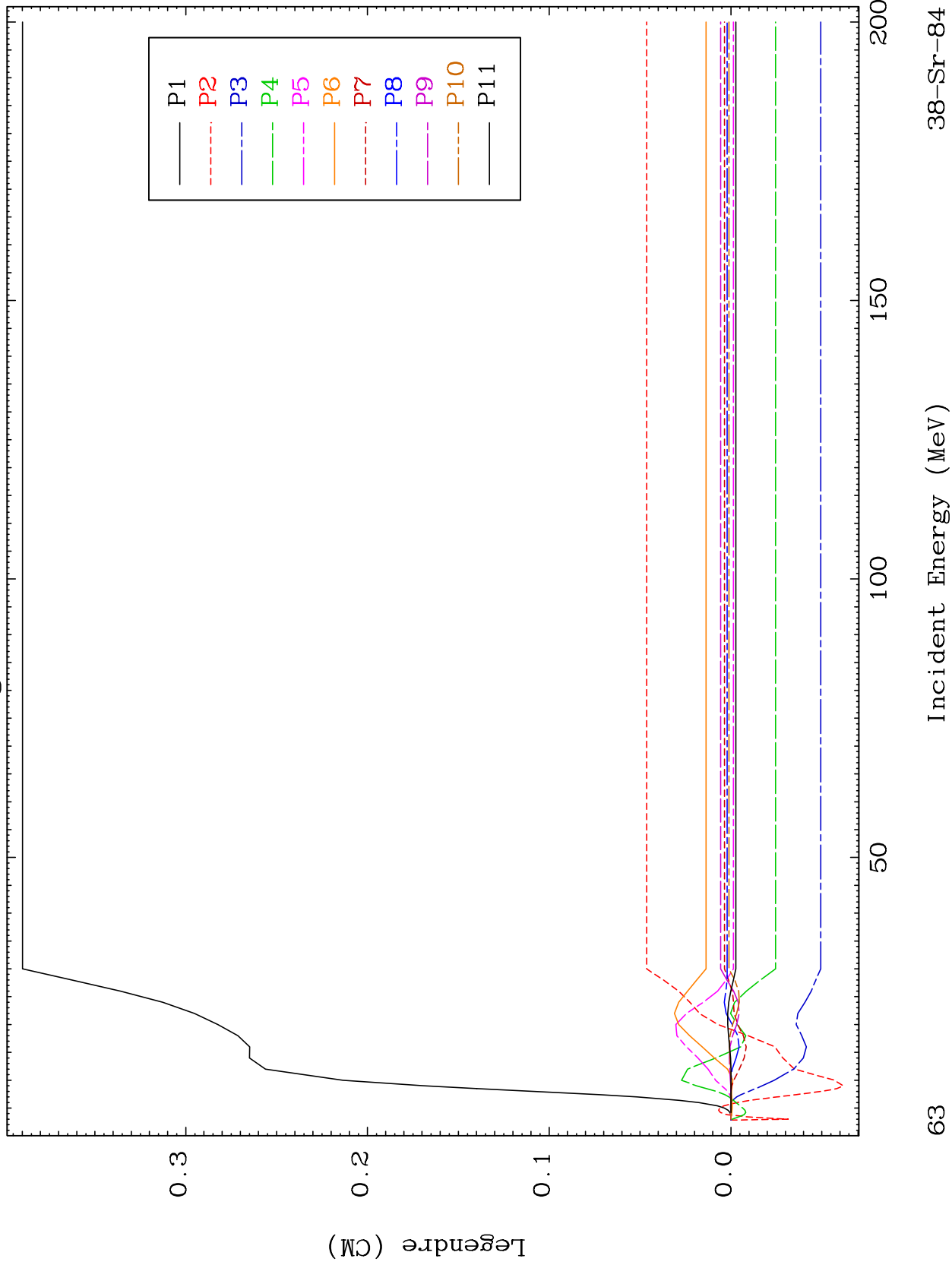
Incident Energy (MeV)

38-Sr-84

MAT 3825

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

38-Sr-84



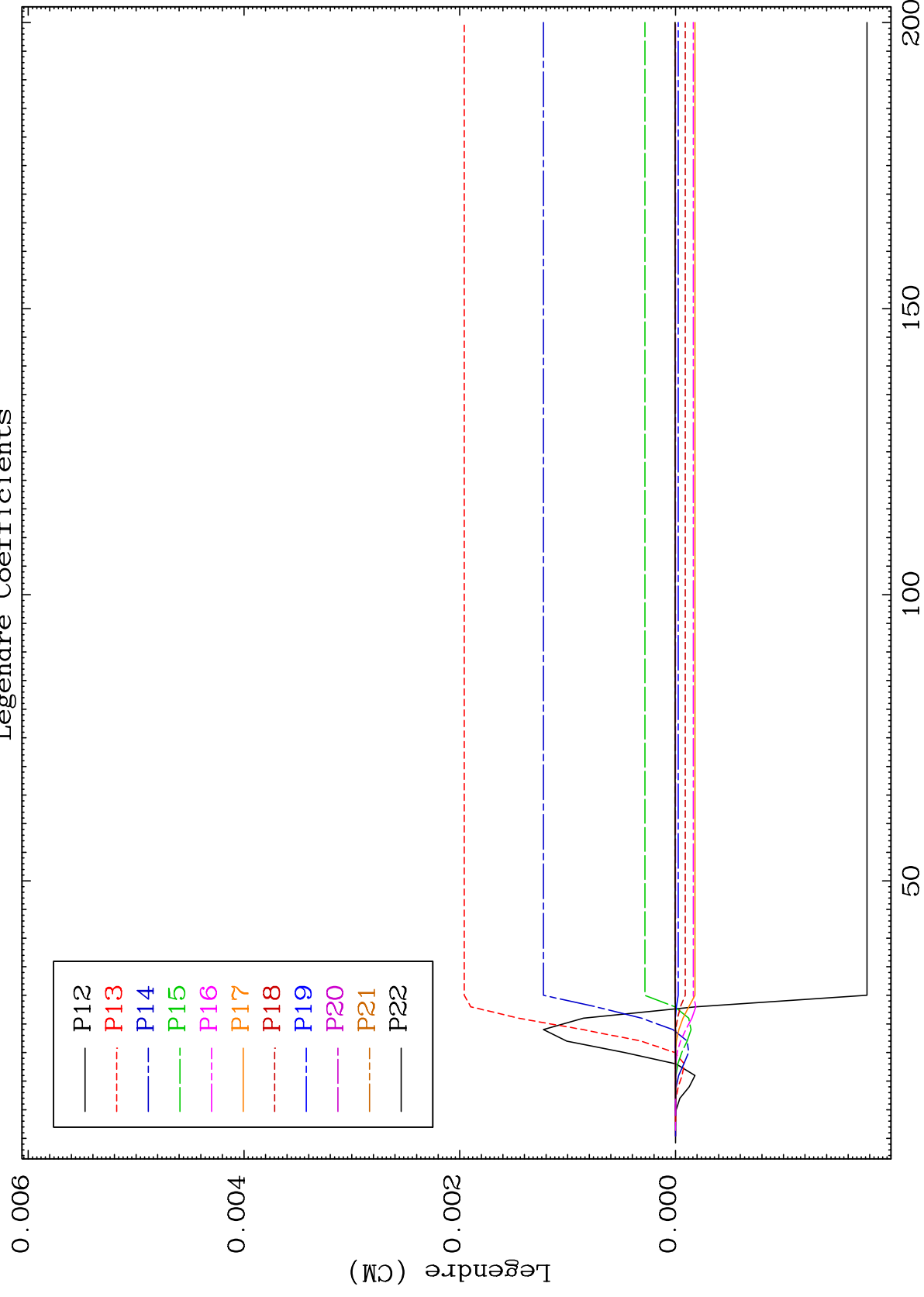
63

38-Sr-84

MAT 3825

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

38-Sr-84



64

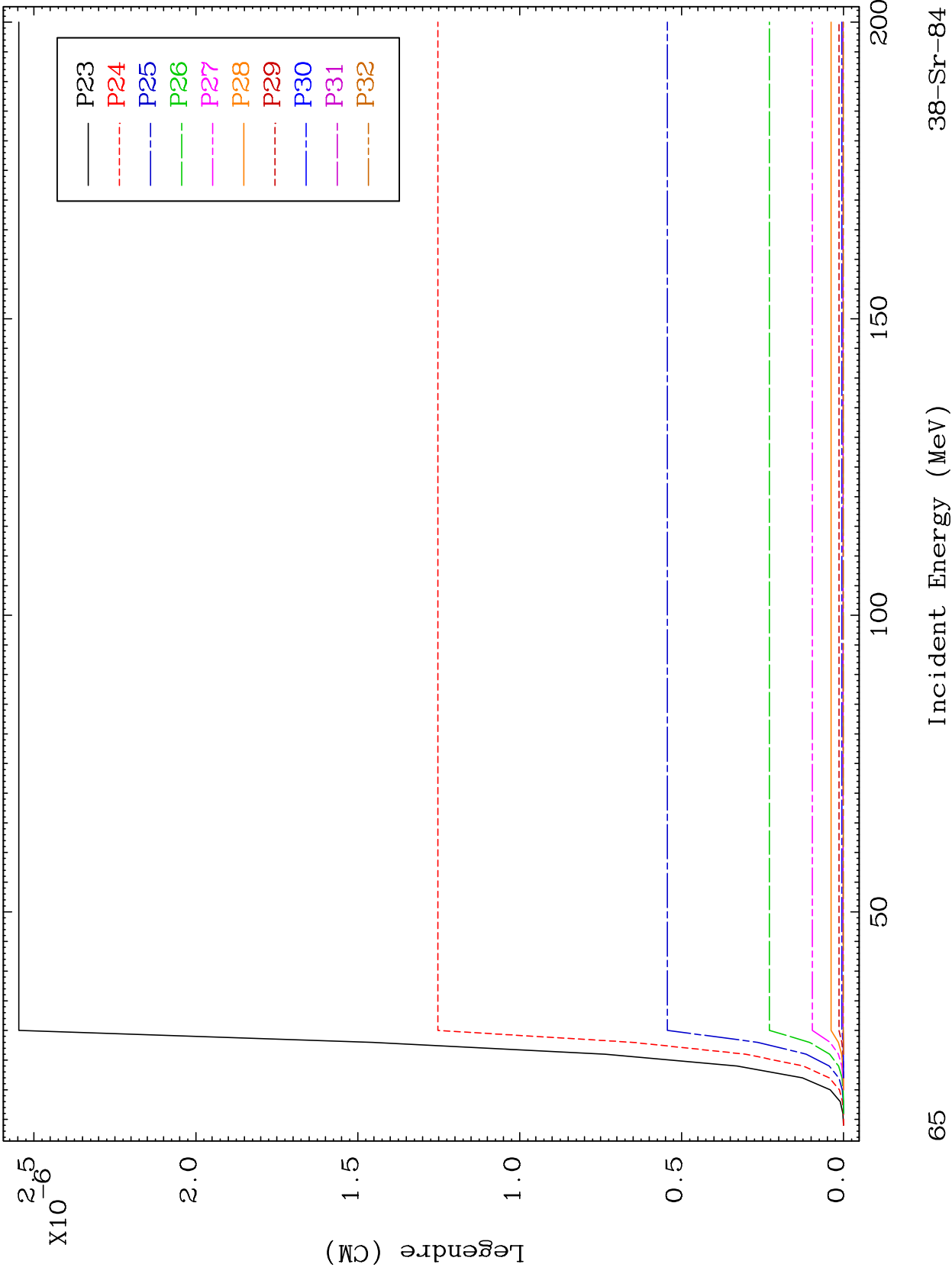
Incident Energy (MeV)

38-Sr-84

MAT 3825

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

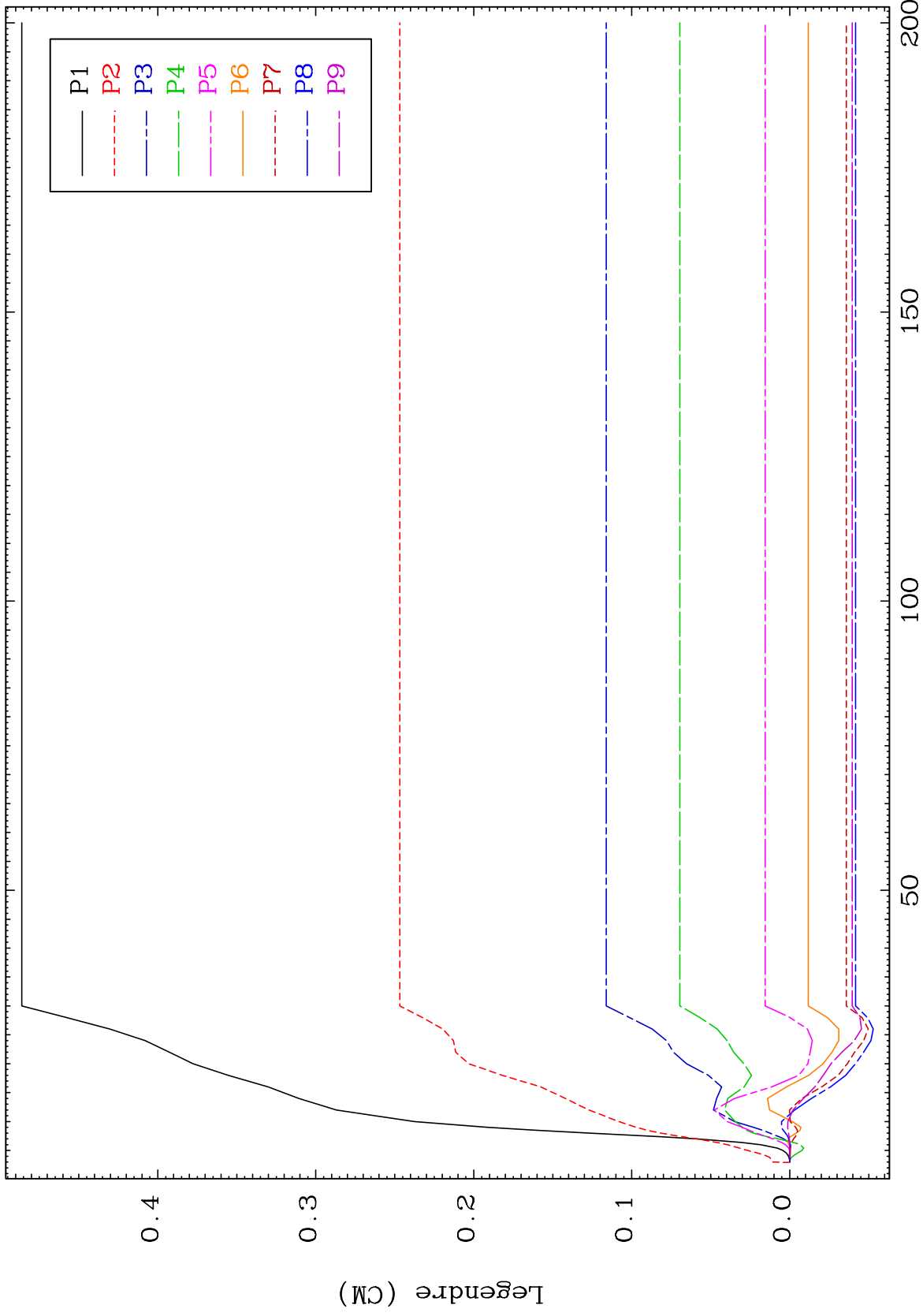
38-Sr-84



65

Incident Energy (MeV)

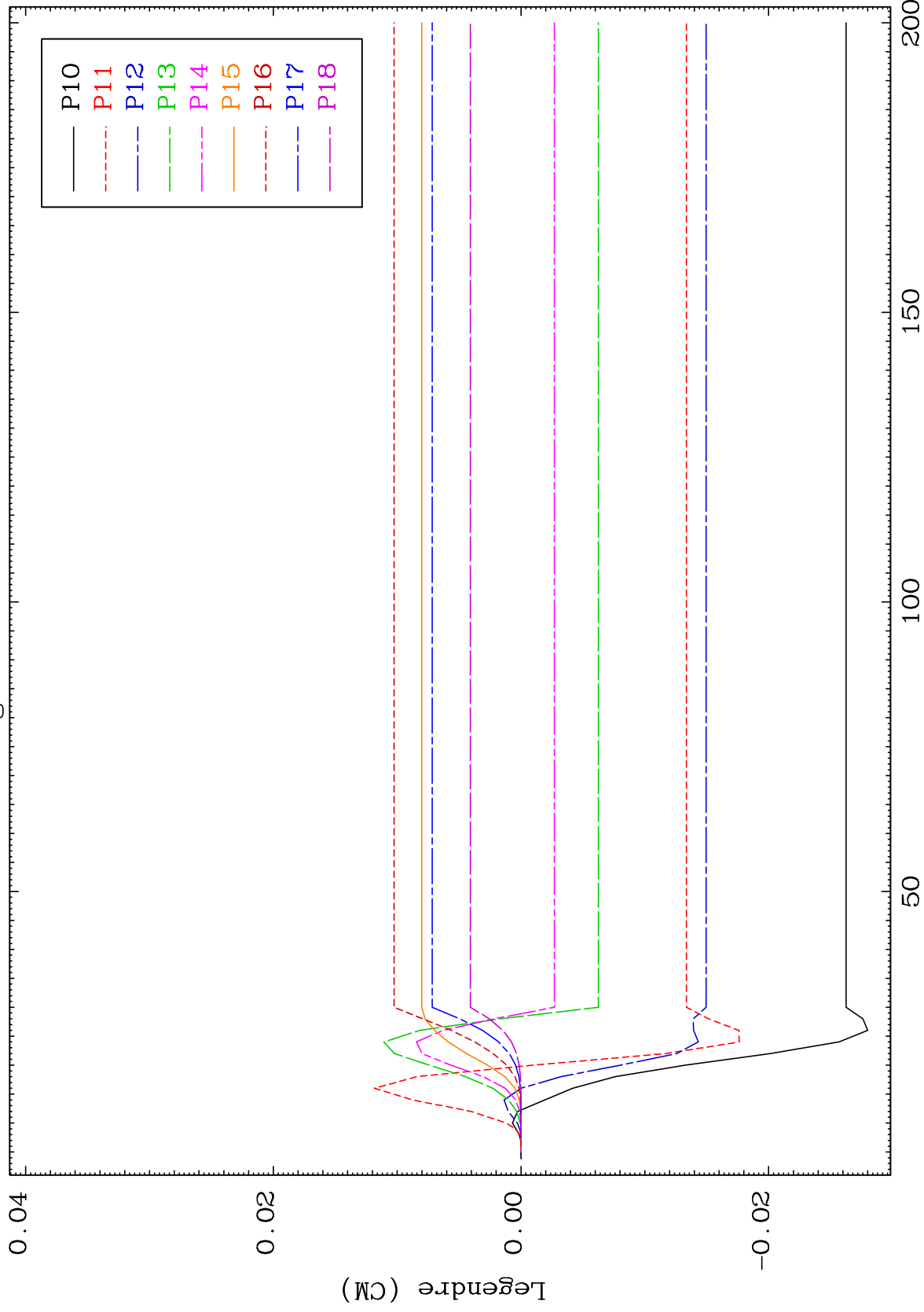
38-Sr-84



MAT 3825

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

38-Sr-84



67

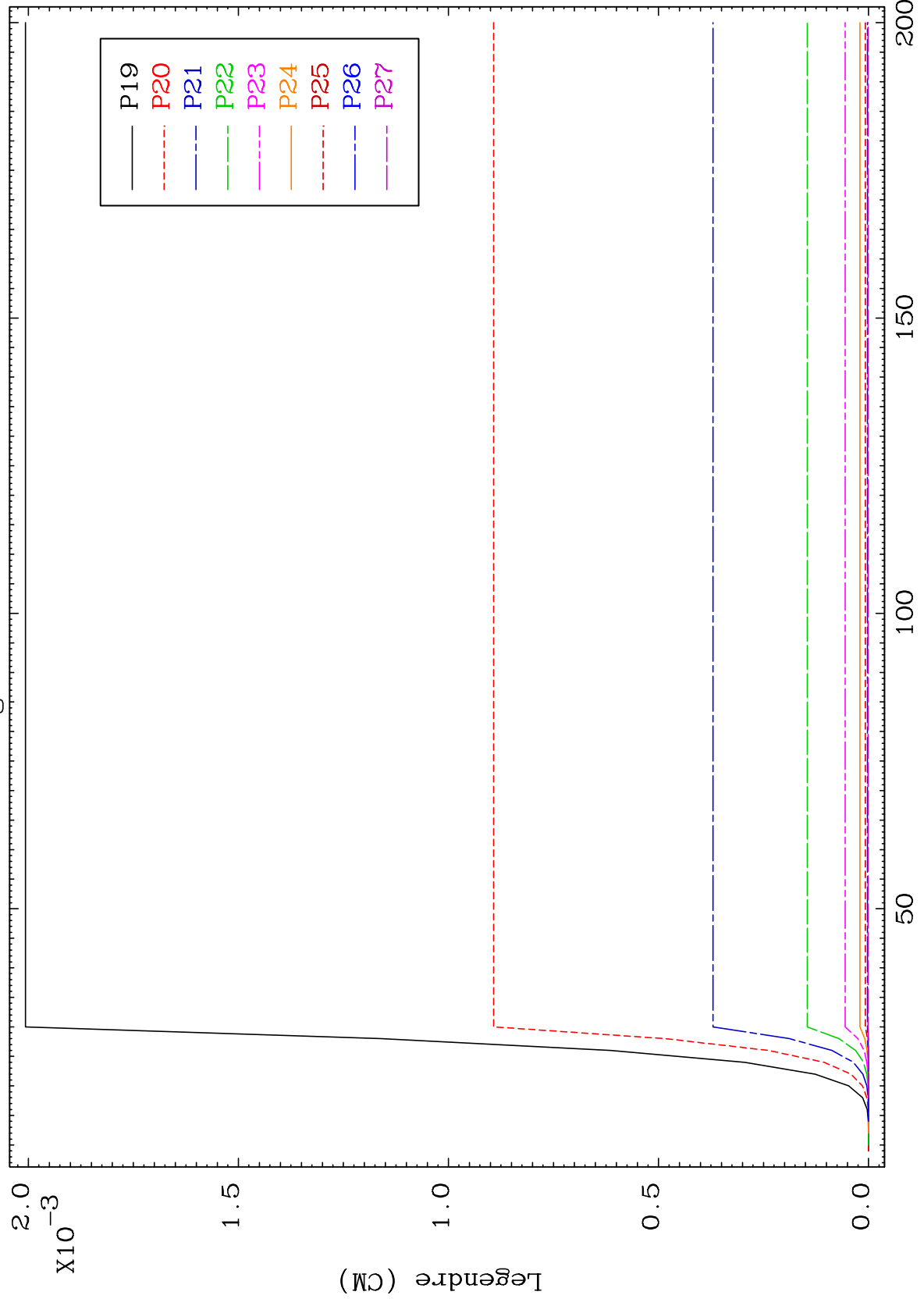
Incident Energy (MeV)

38-Sr-84

MAT 3825

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

38-Sr-84



68

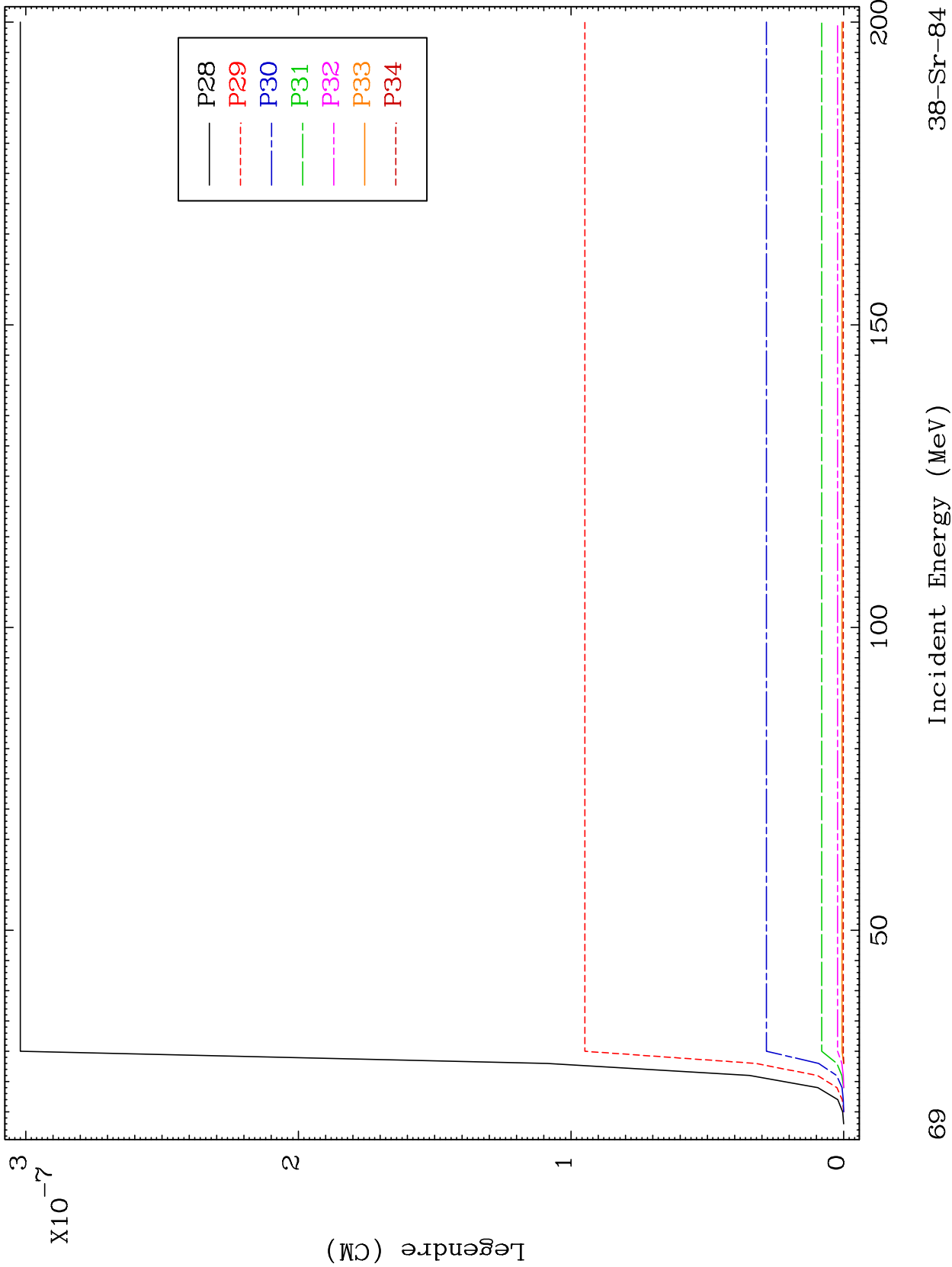
Incident Energy (MeV)

38-Sr-84

MAT 3825

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

38-Sr-84



69

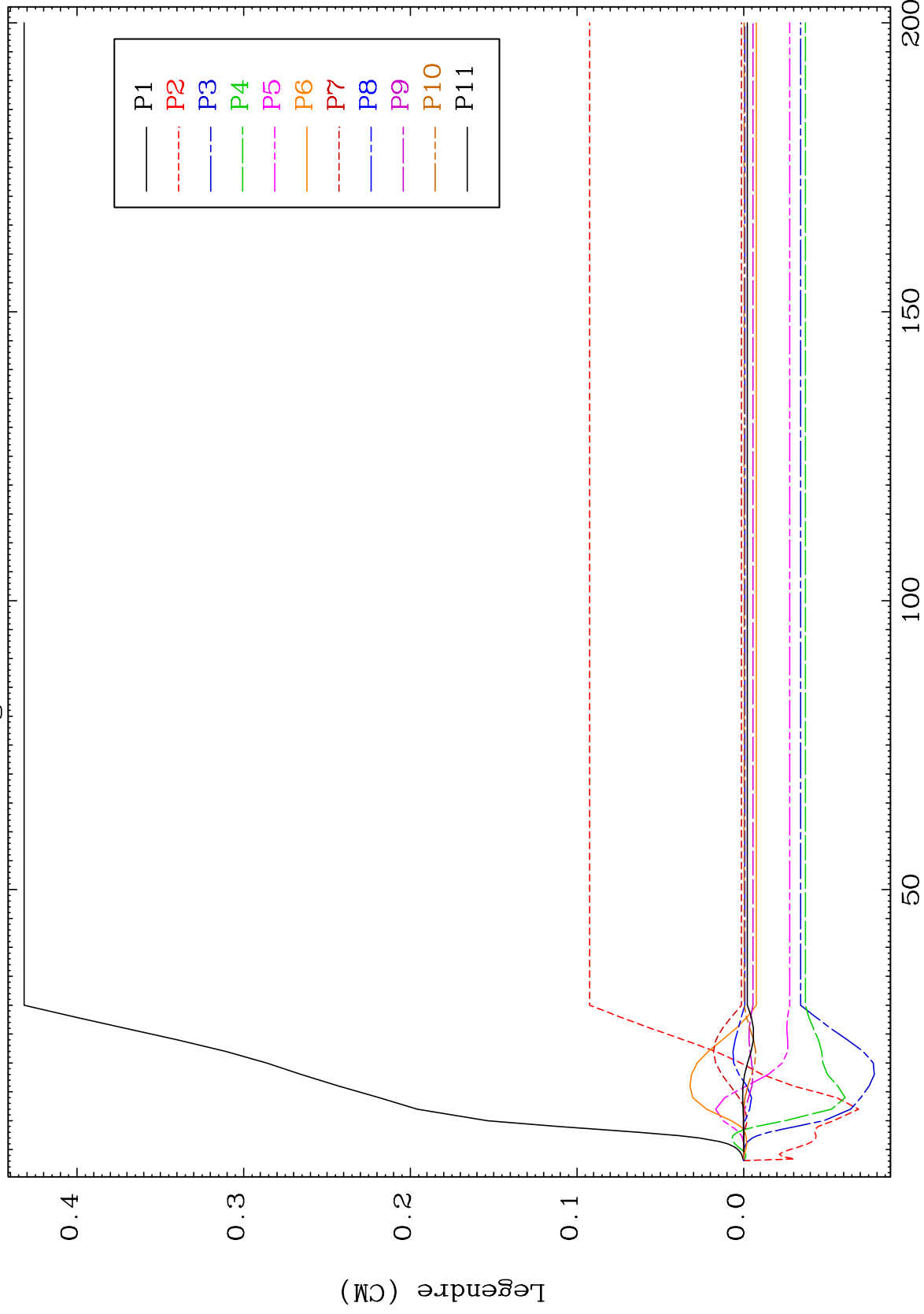
Incident Energy (MeV)

38-Sr-84

MAT 3825

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

38-Sr-84



70

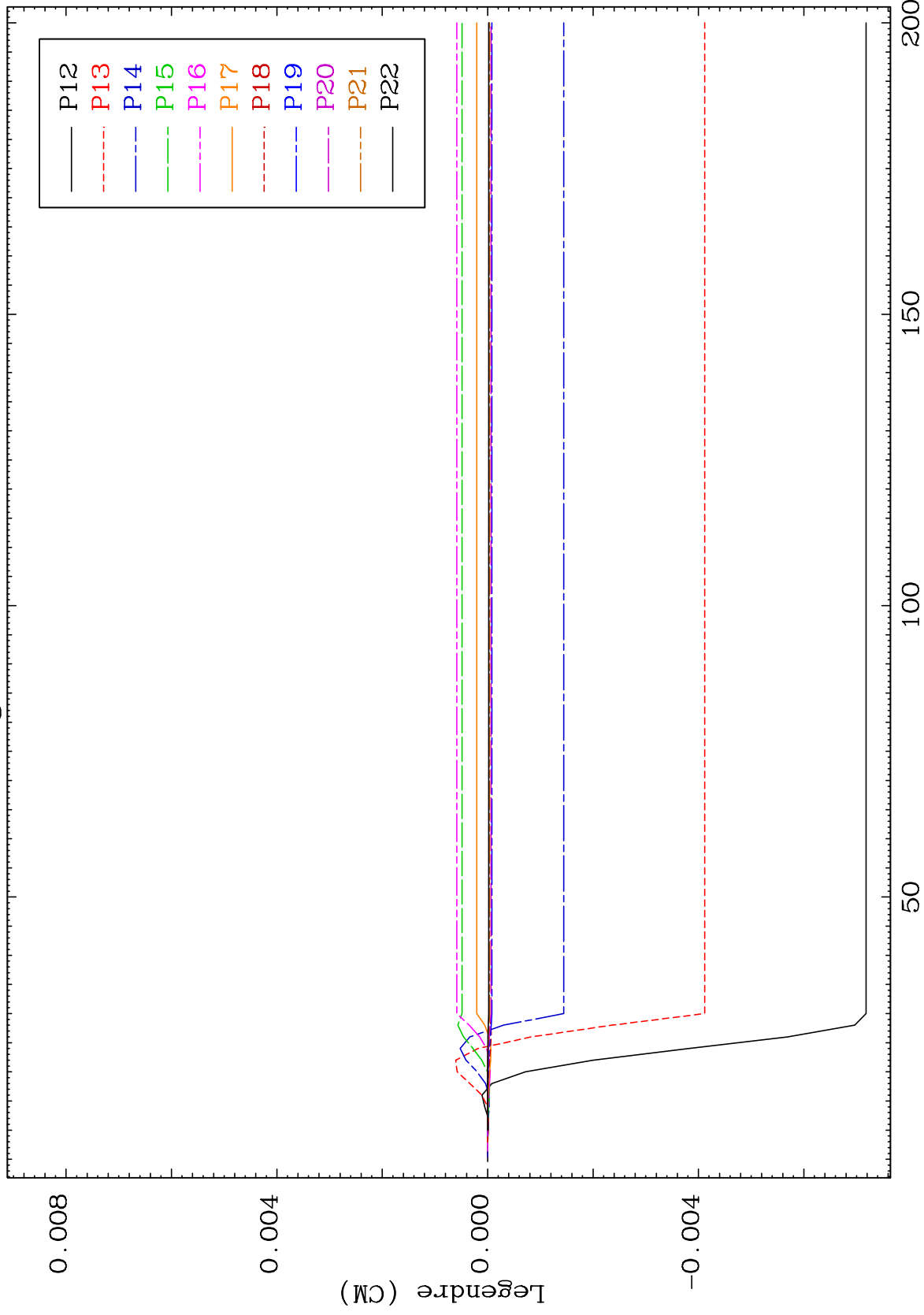
Incident Energy (MeV)

38-Sr-84

MAT 3825

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

38-Sr-84



71

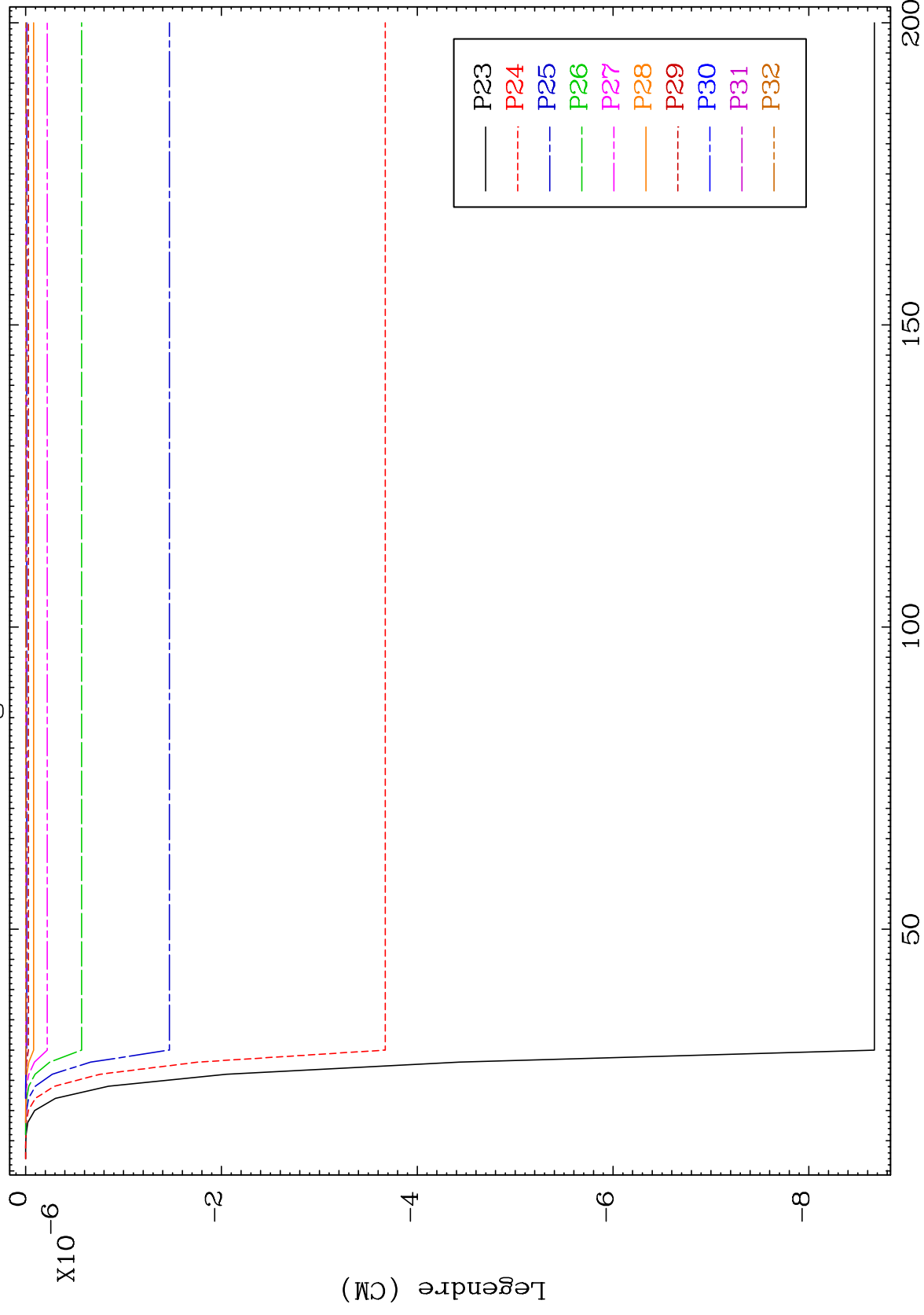
Incident Energy (MeV)

38-Sr-84

MAT 3825

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

38-Sr-84



38-Sr-84

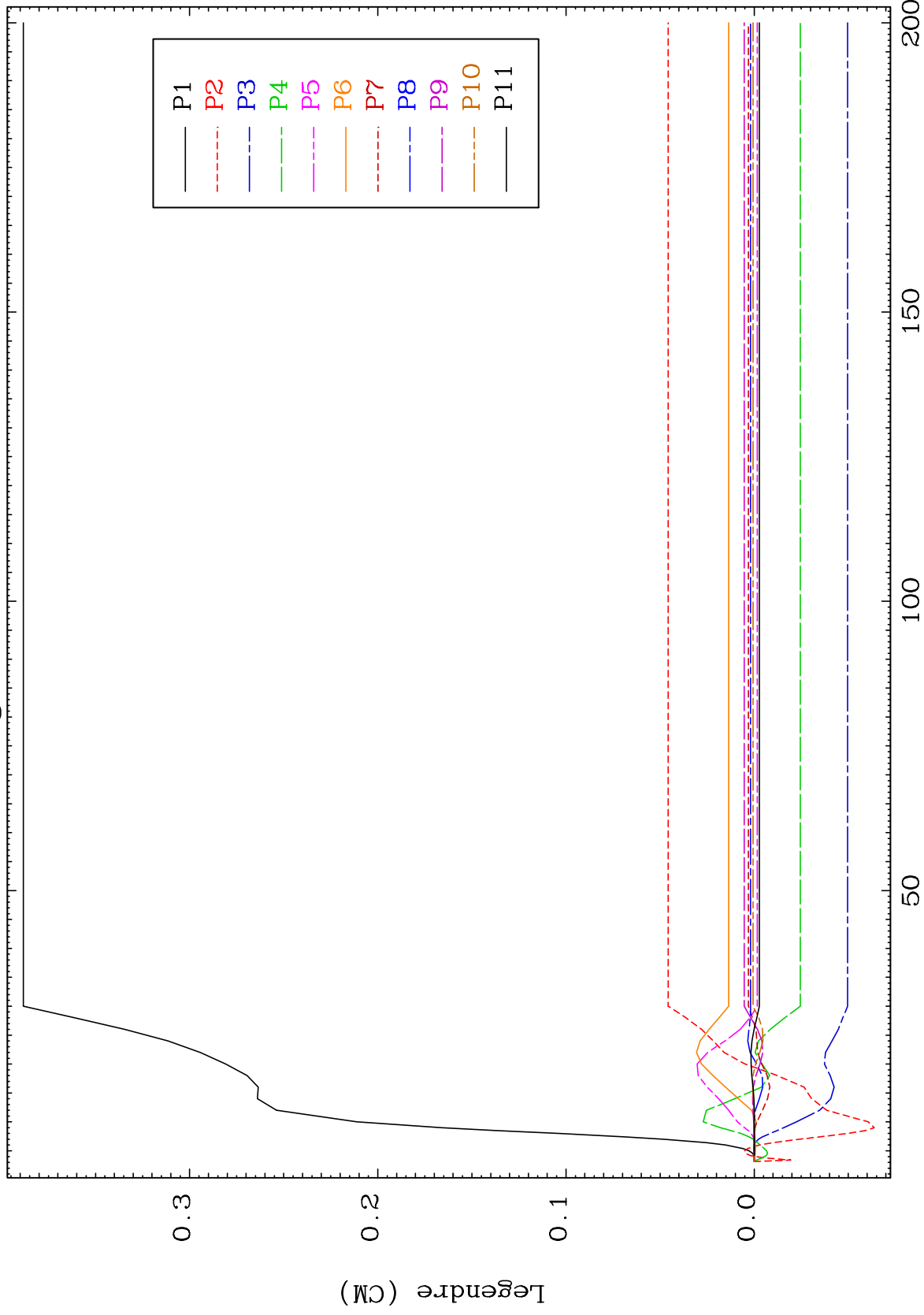
Incident Energy (MeV)

72

MAT 3825

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

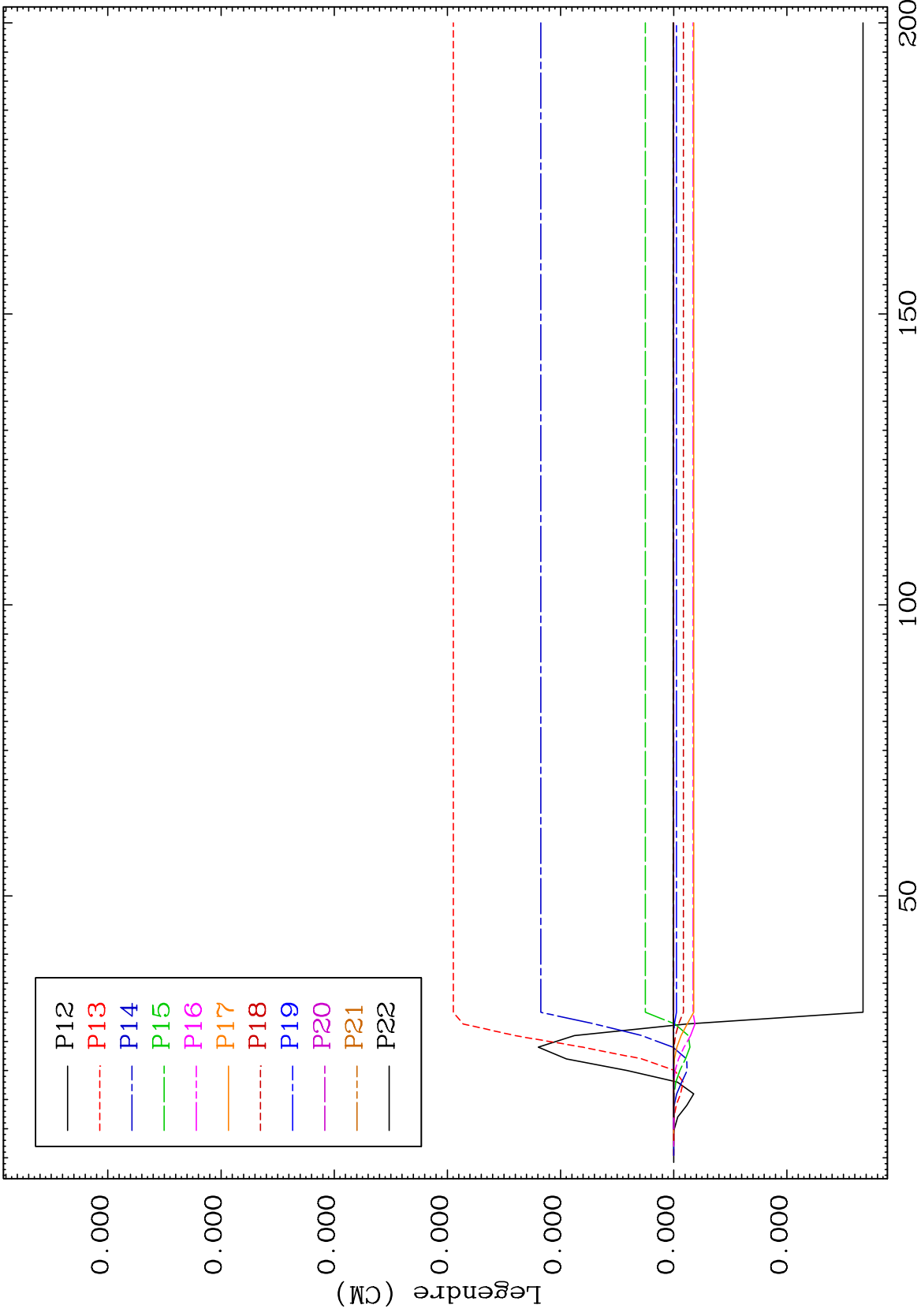
38-Sr-84



73

Incident Energy (MeV)

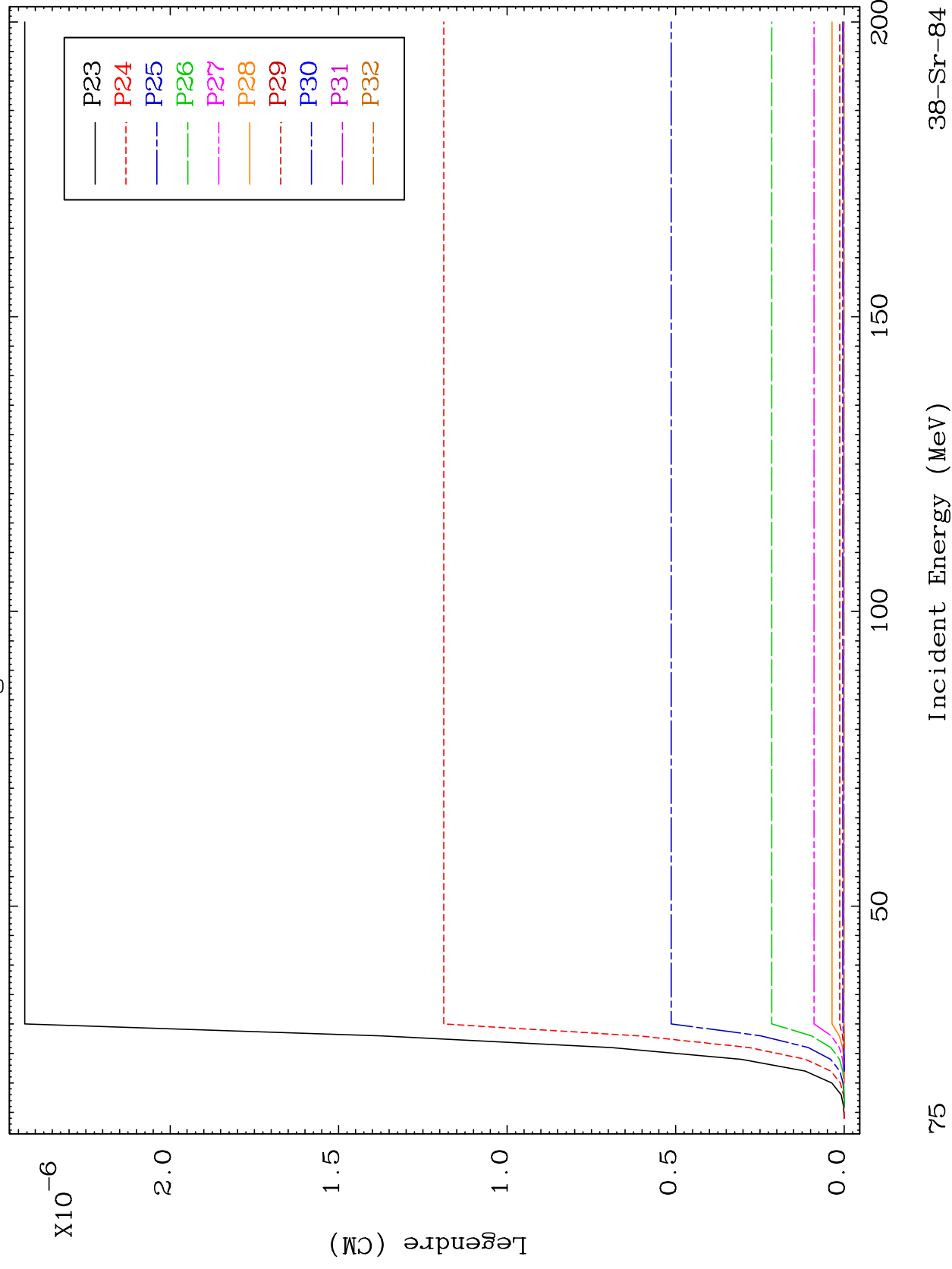
38-Sr-84



MAT 3825

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

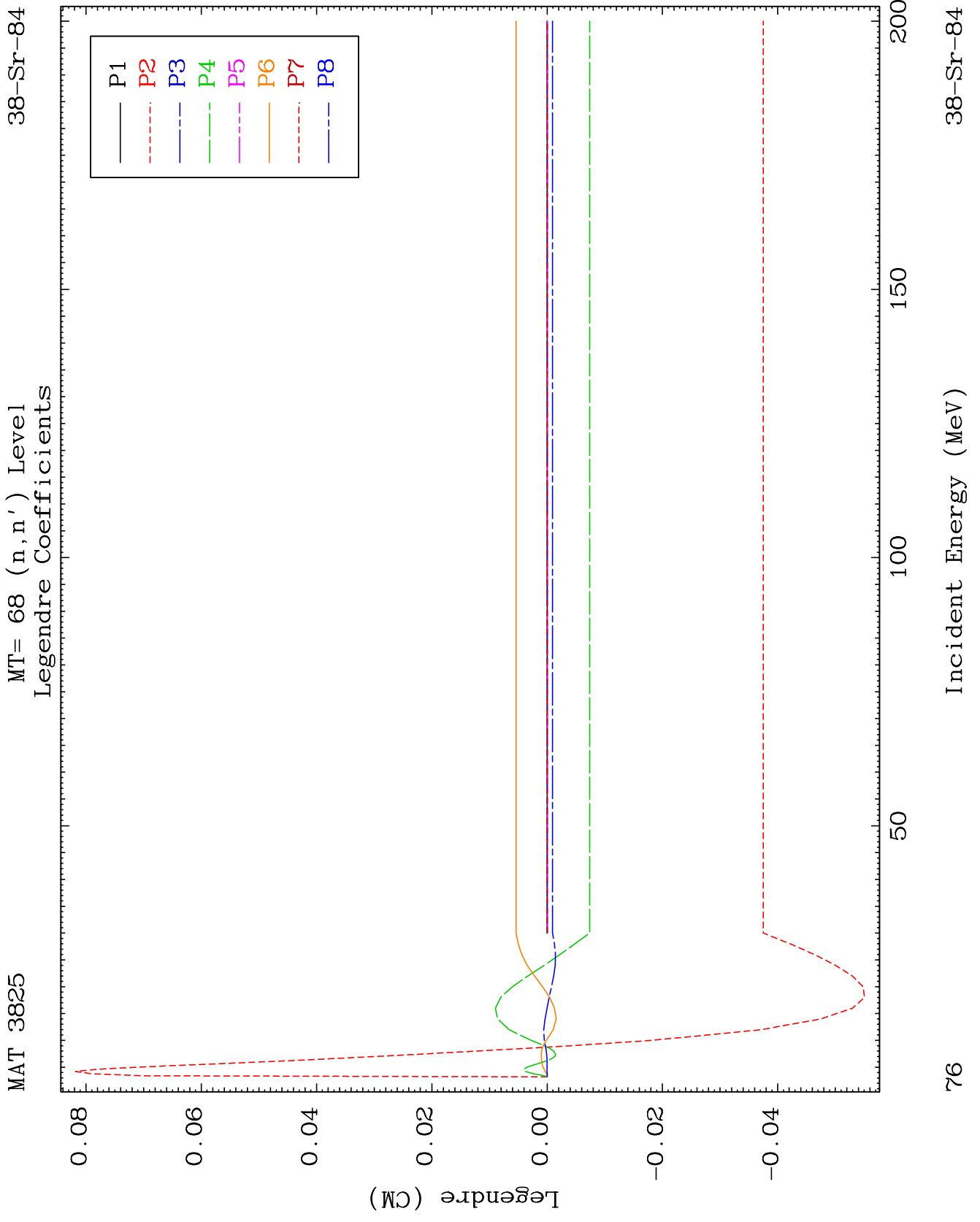
38-Sr-84



75

Incident Energy (MeV)

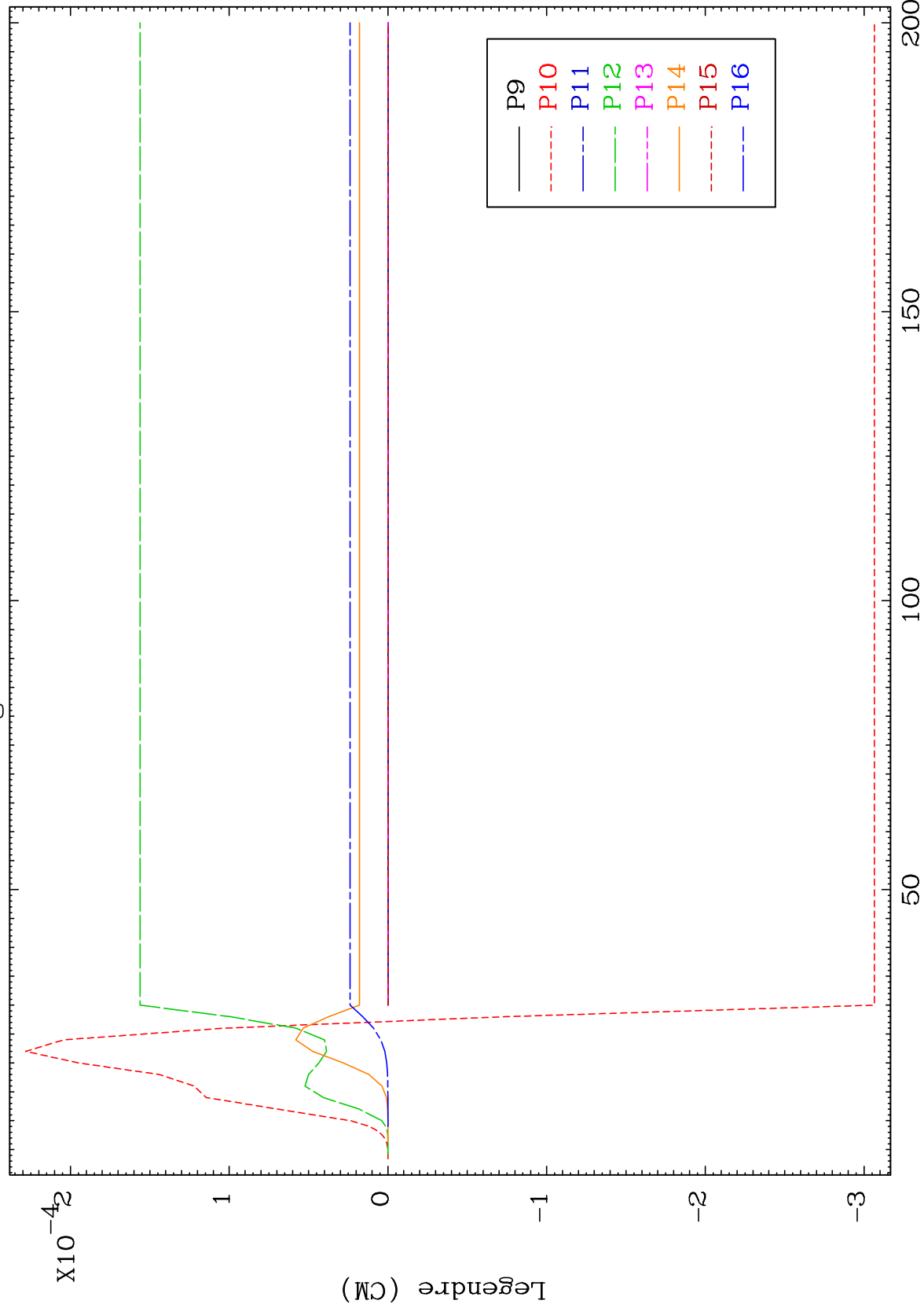
38-Sr-84



MAT 3825

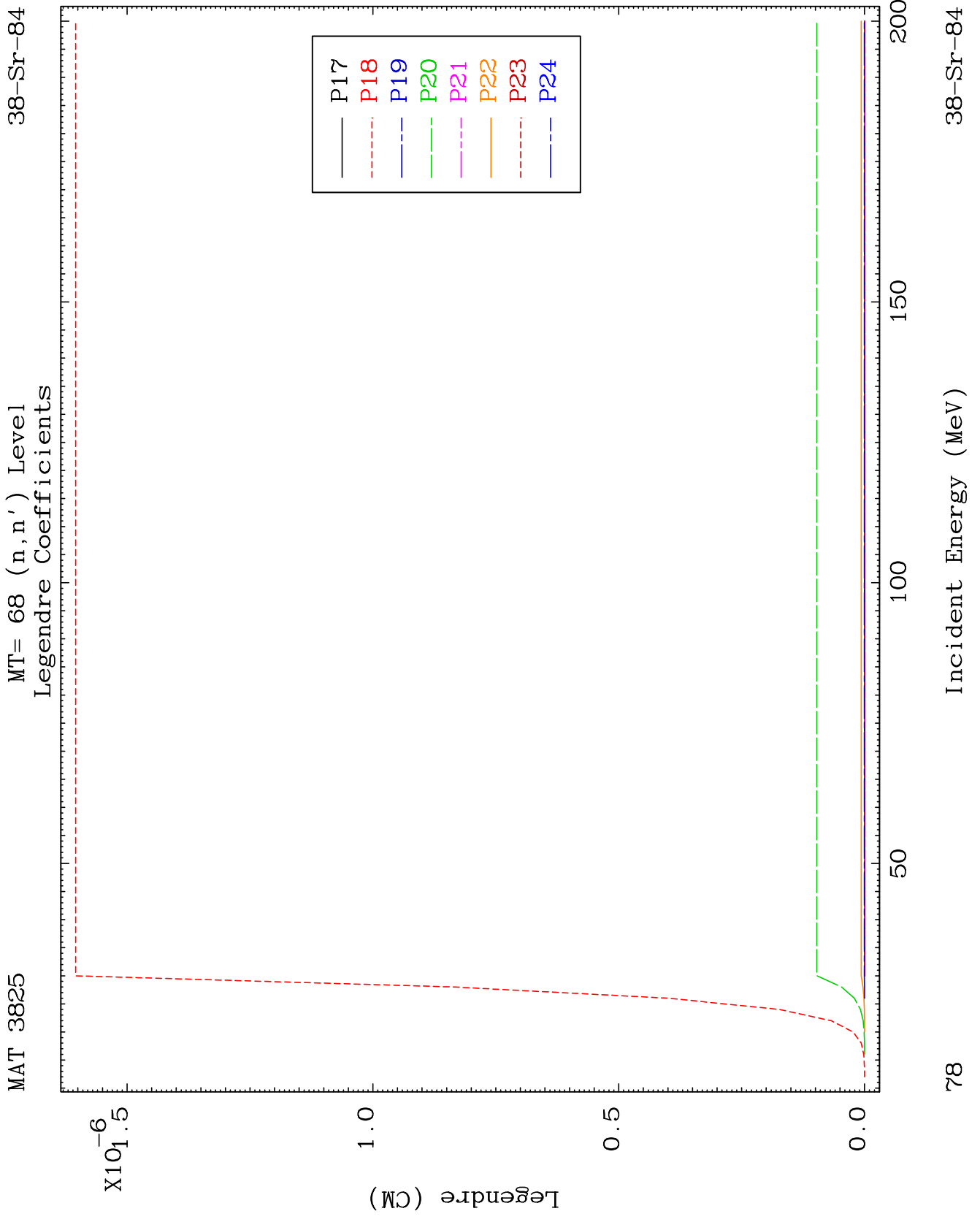
MT= 68 (n,n') Level
Legendre Coefficients

38-Sr-84



77

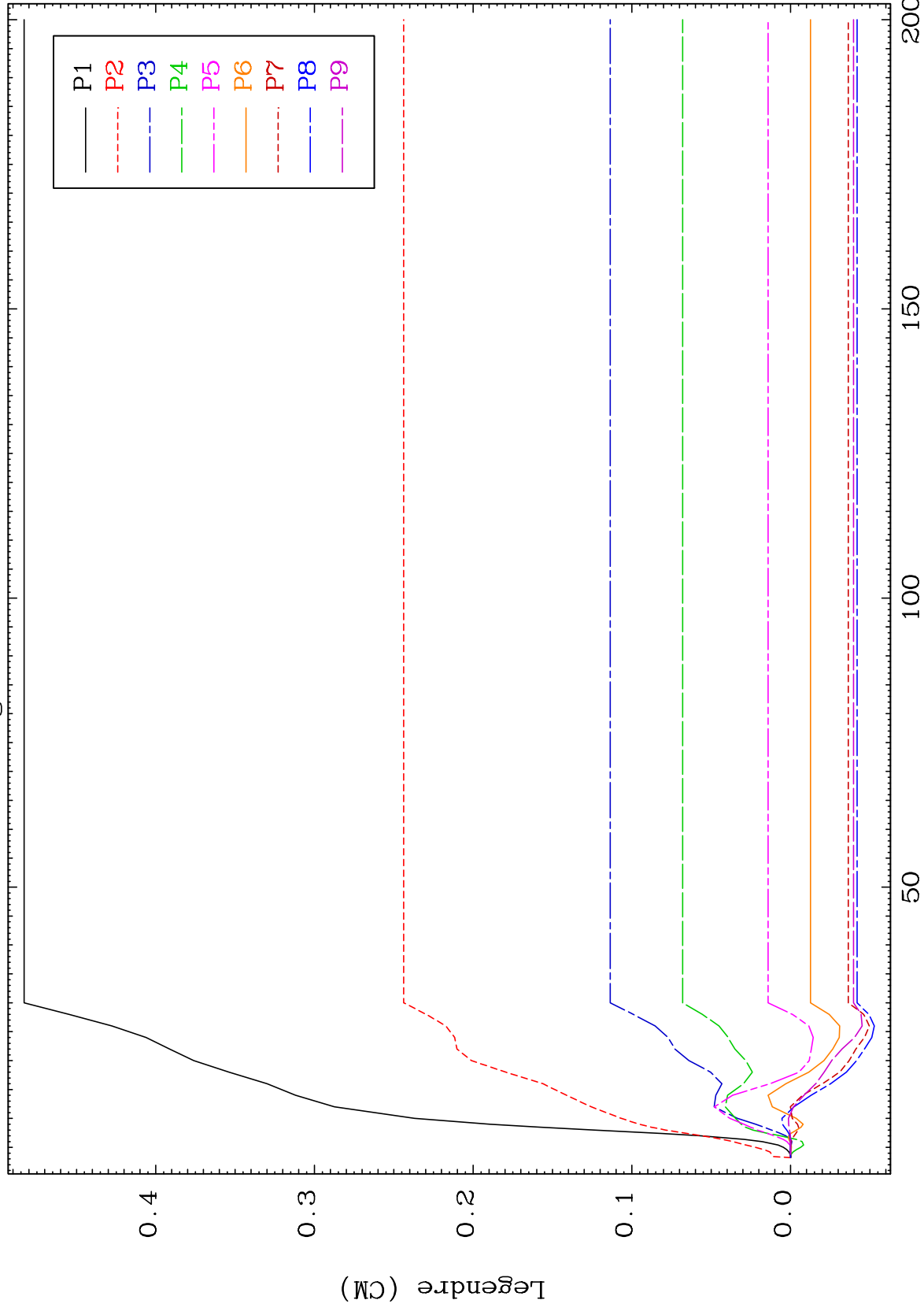
38-Sr-84



MAT 3825

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

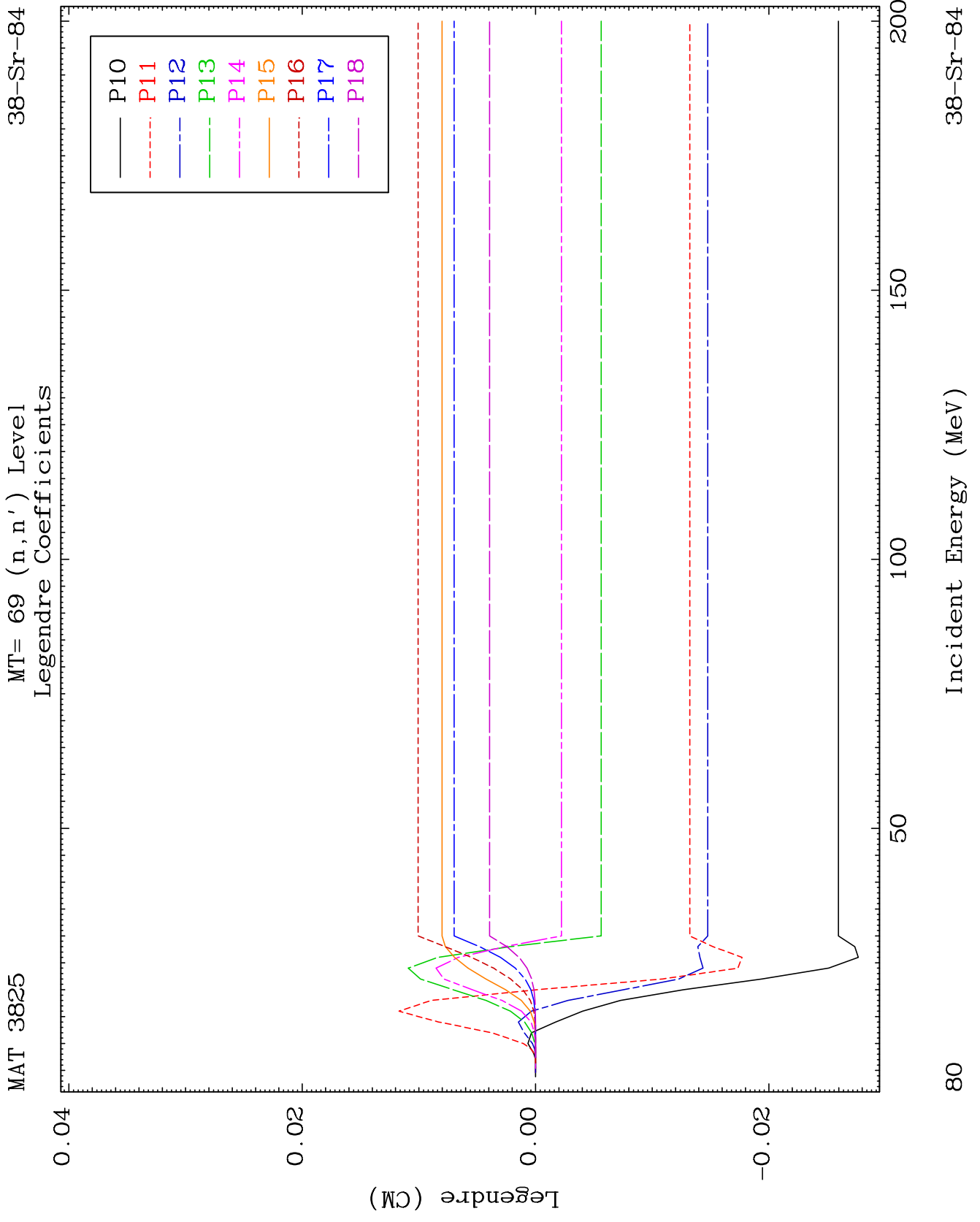
38-Sr-84



79

Incident Energy (MeV)

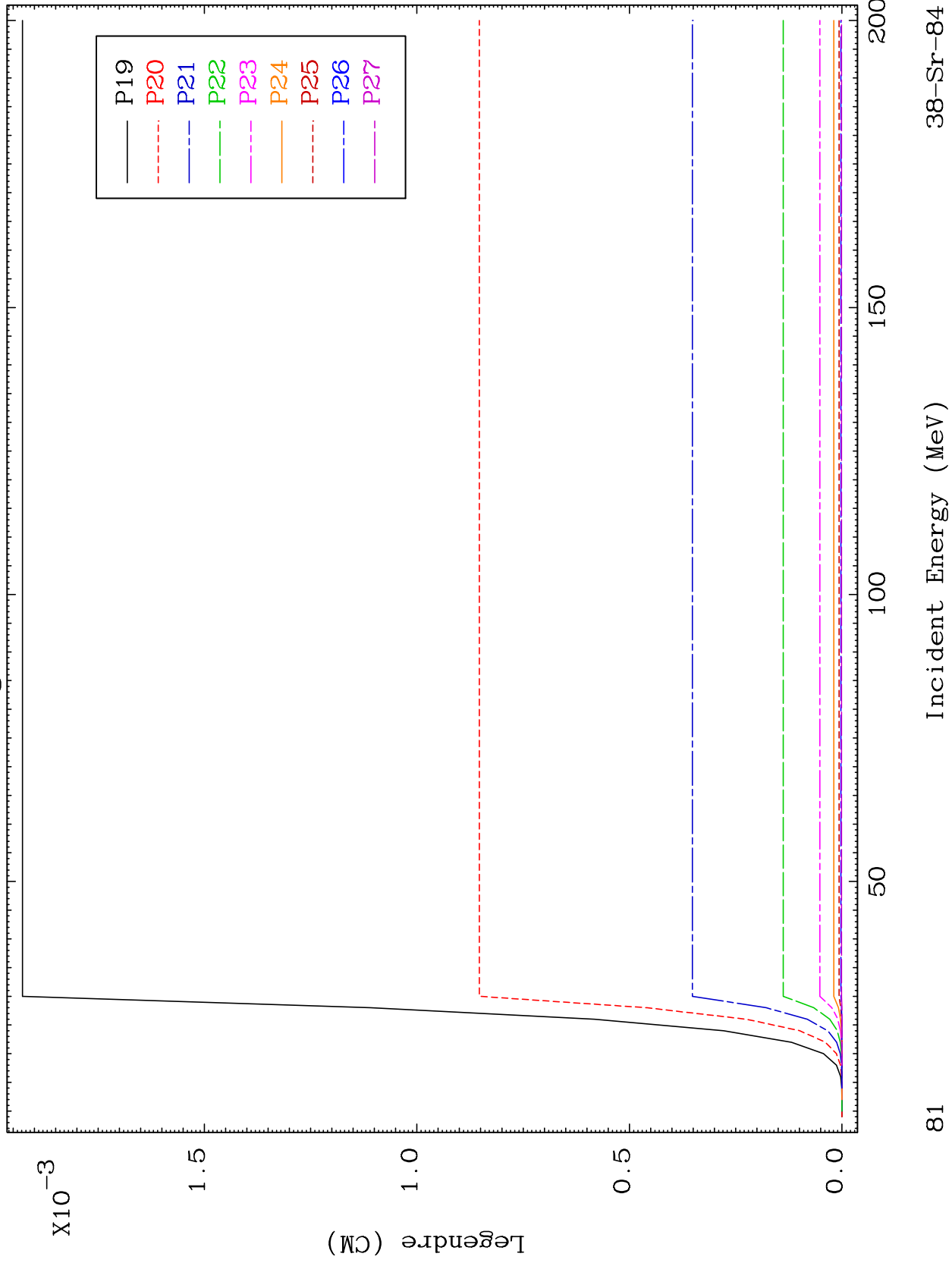
38-Sr-84



MAT 3825

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

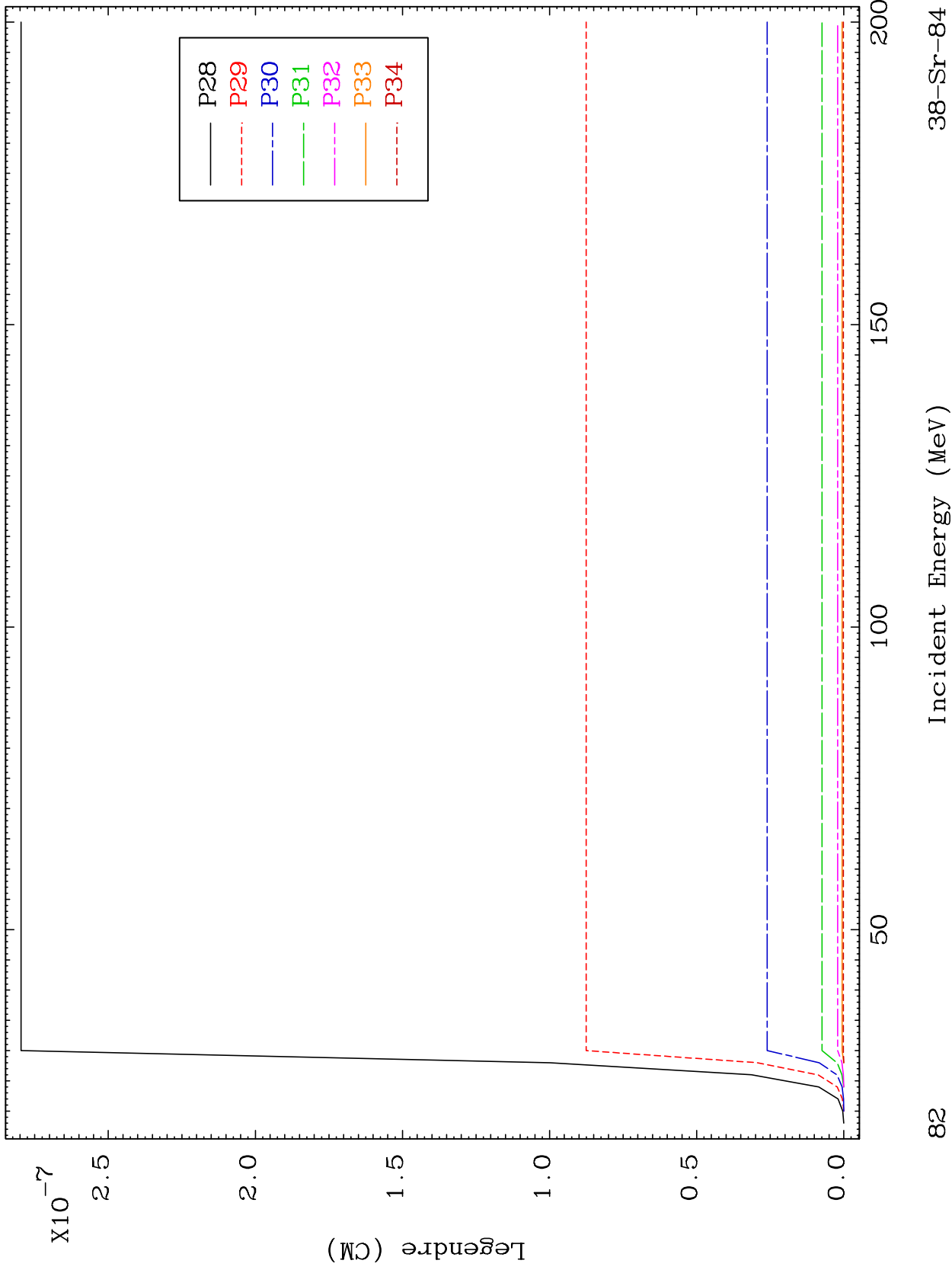
38-Sr-84



MAT 3825

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

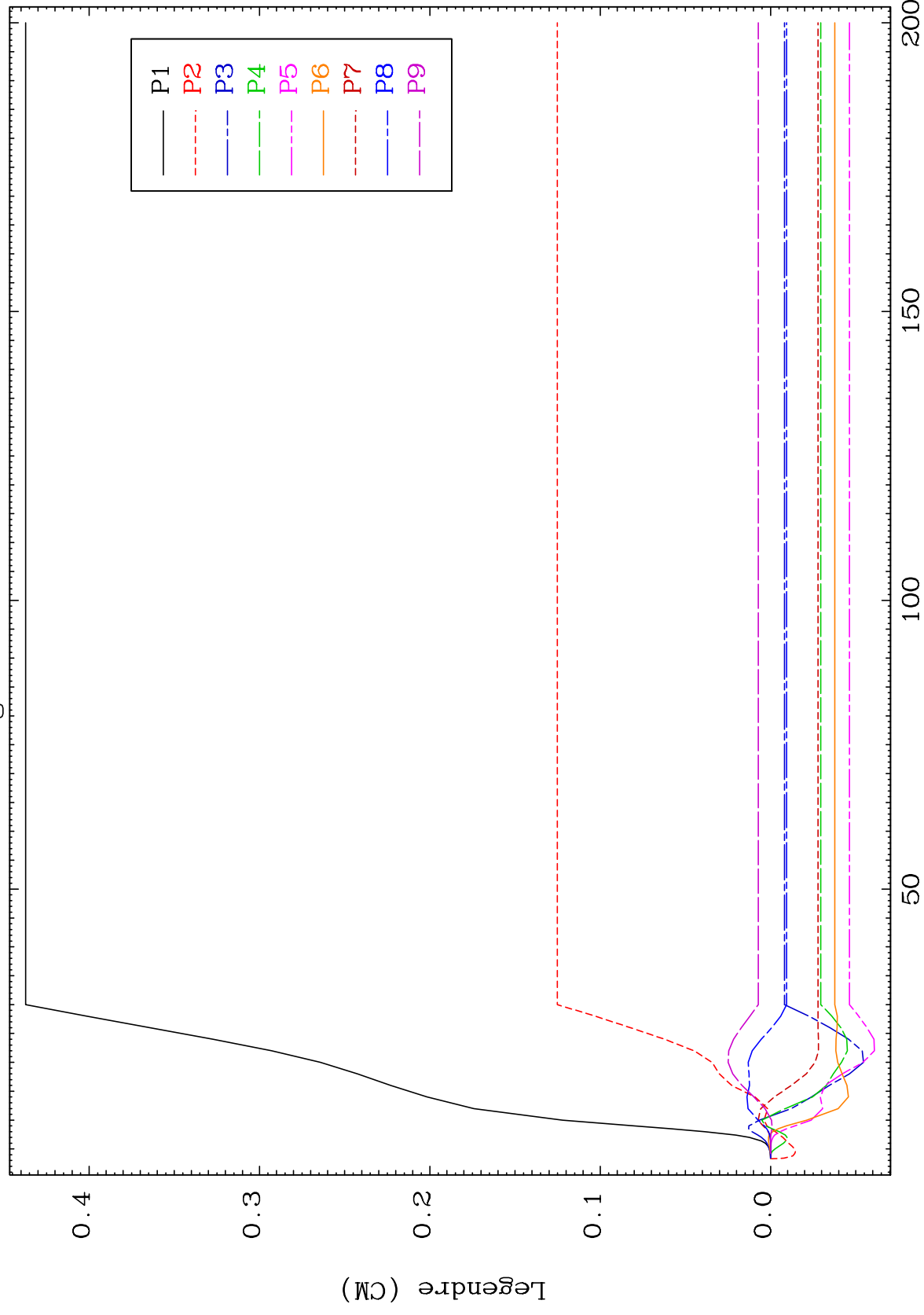
38-Sr-84



82

Incident Energy (MeV)

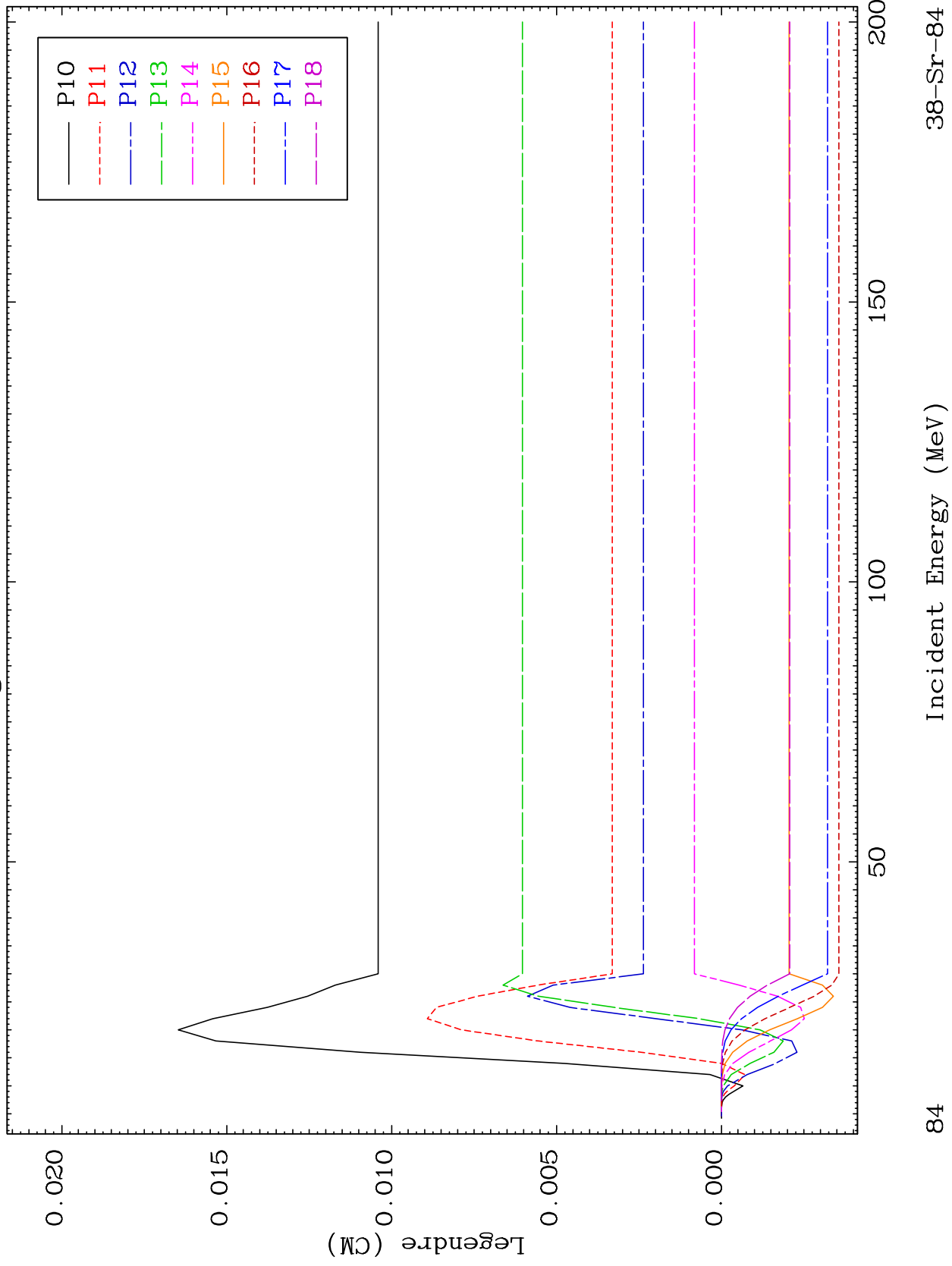
38-Sr-84



MAT 3825

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

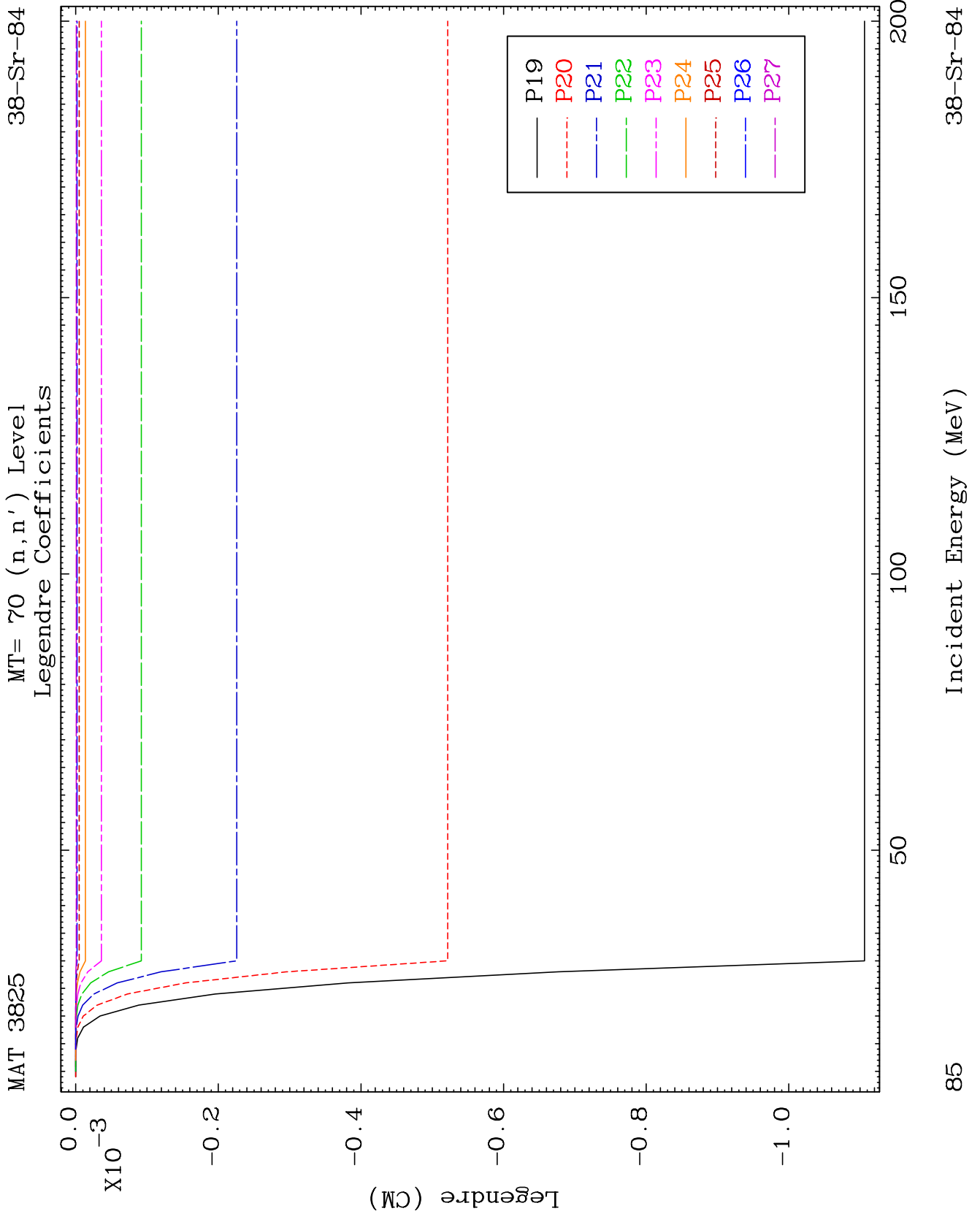
38-Sr-84

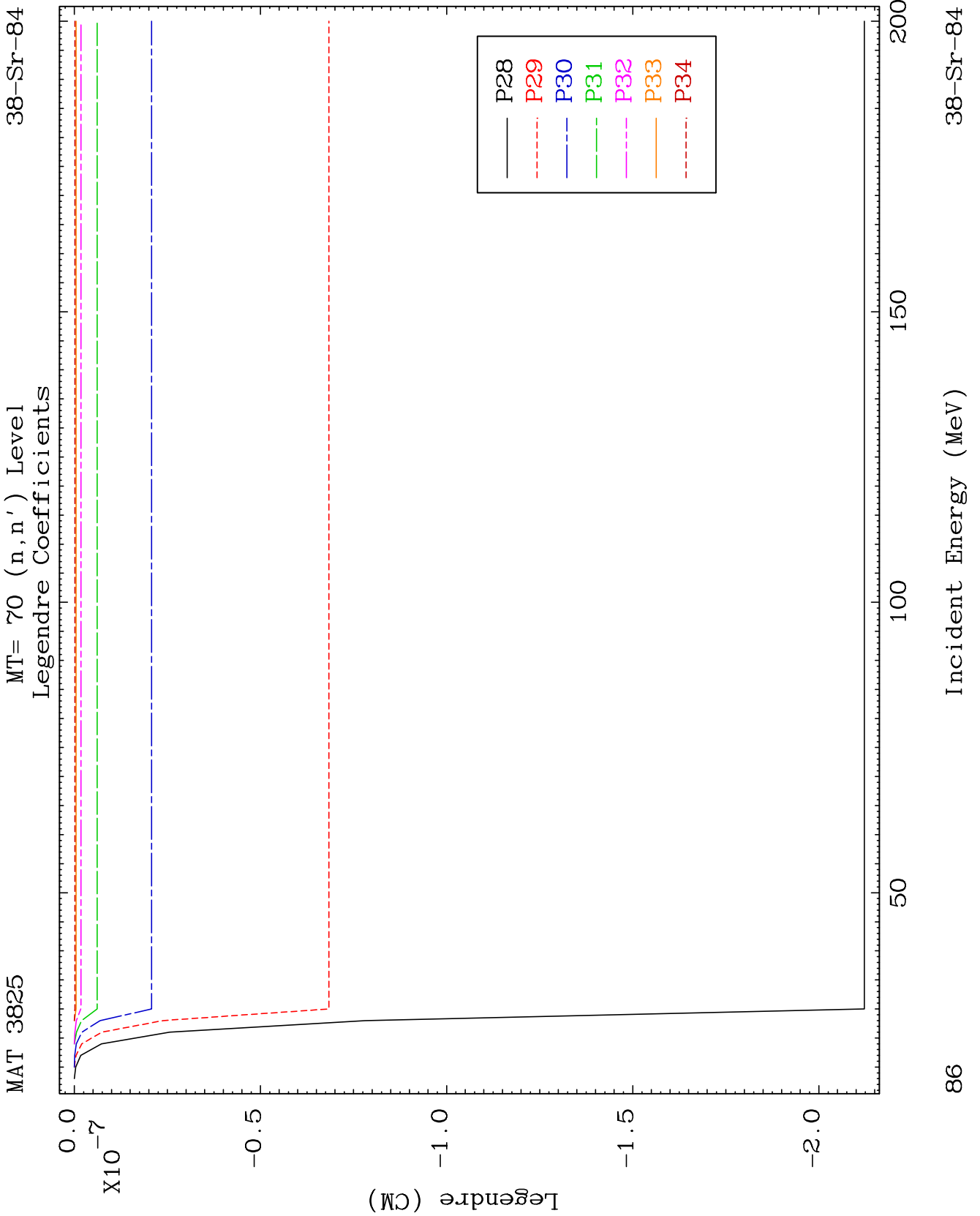


84

Incident Energy (MeV)

38-Sr-84

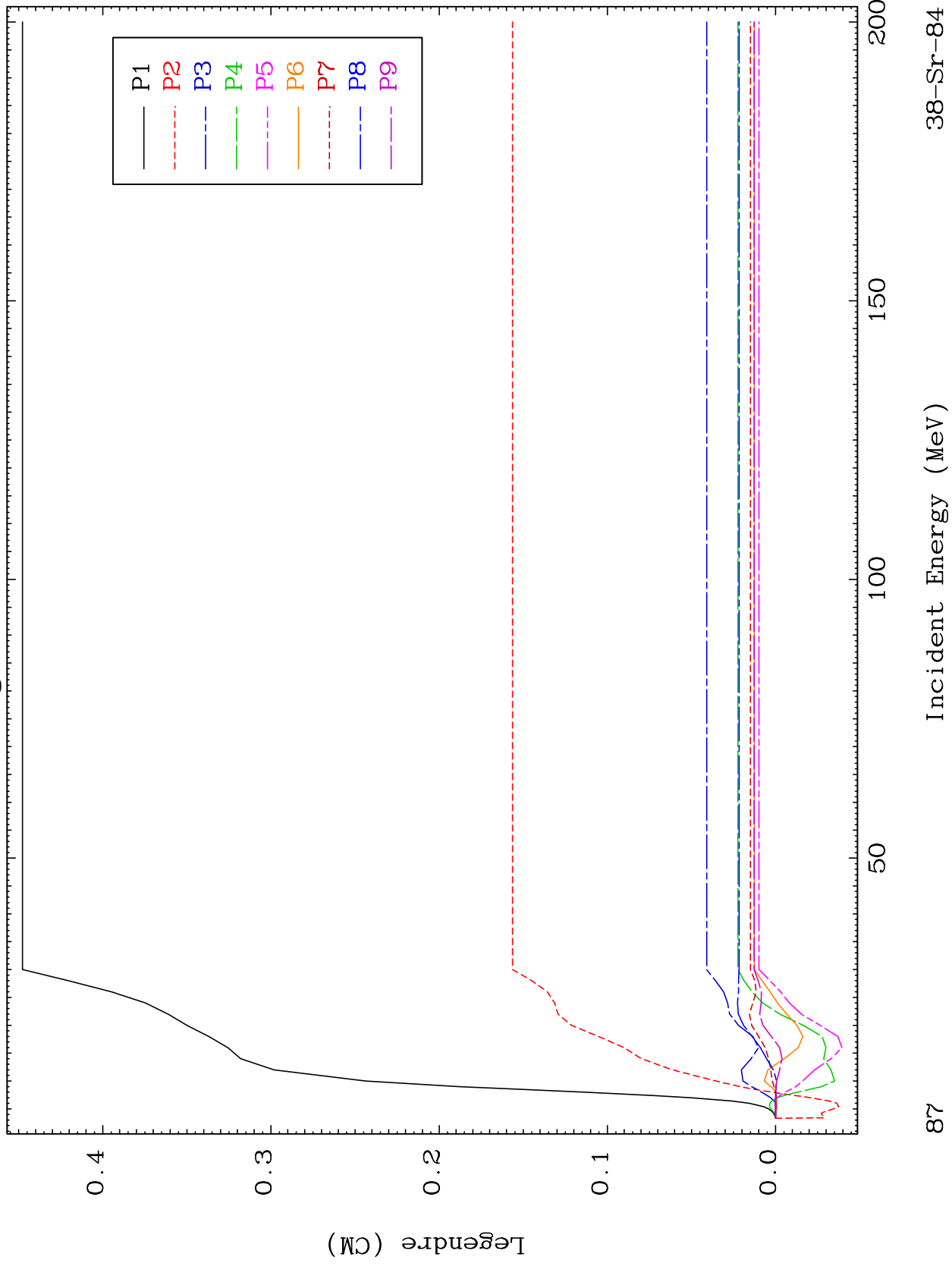




MAT 3825

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

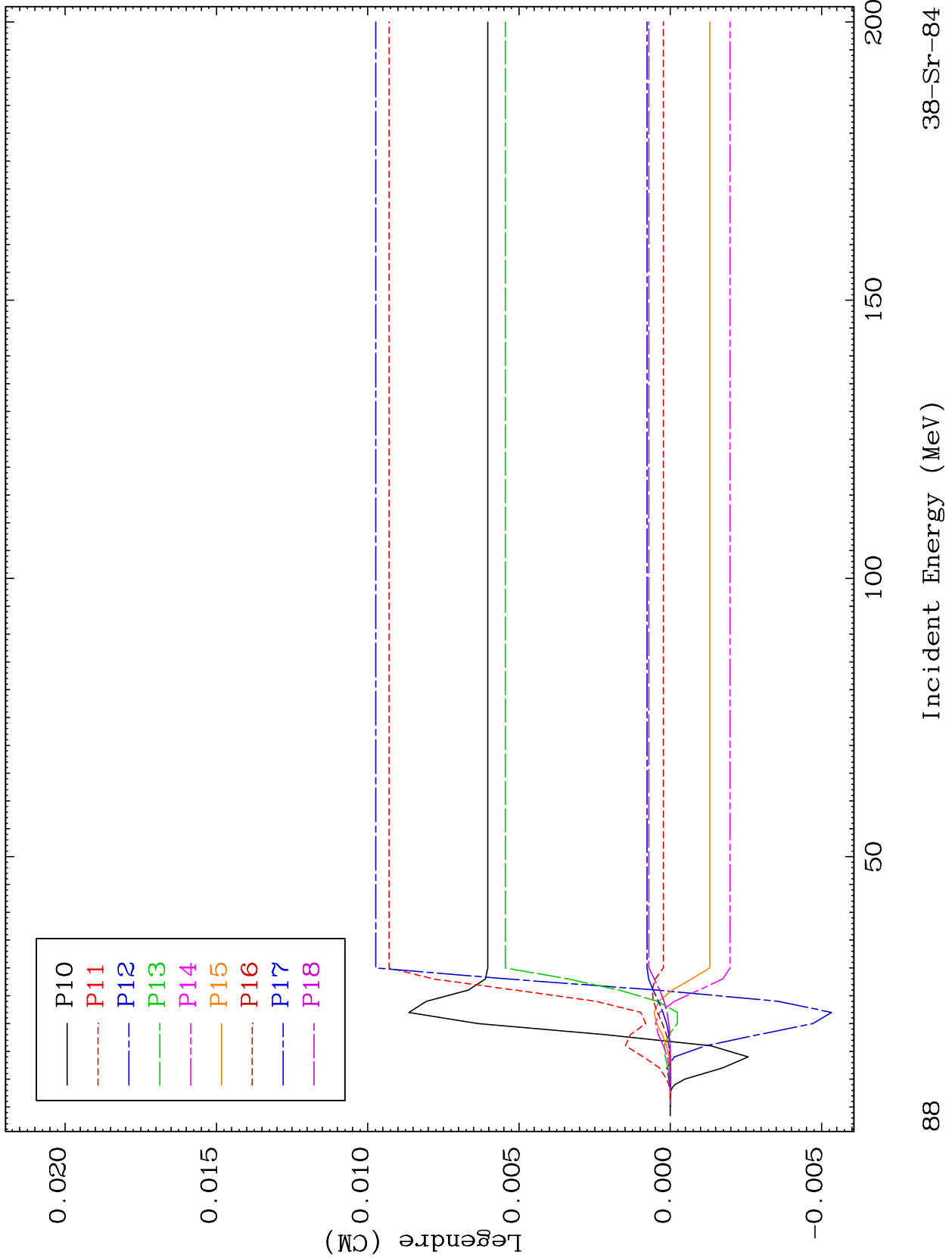
38-Sr-84



87

Incident Energy (MeV)

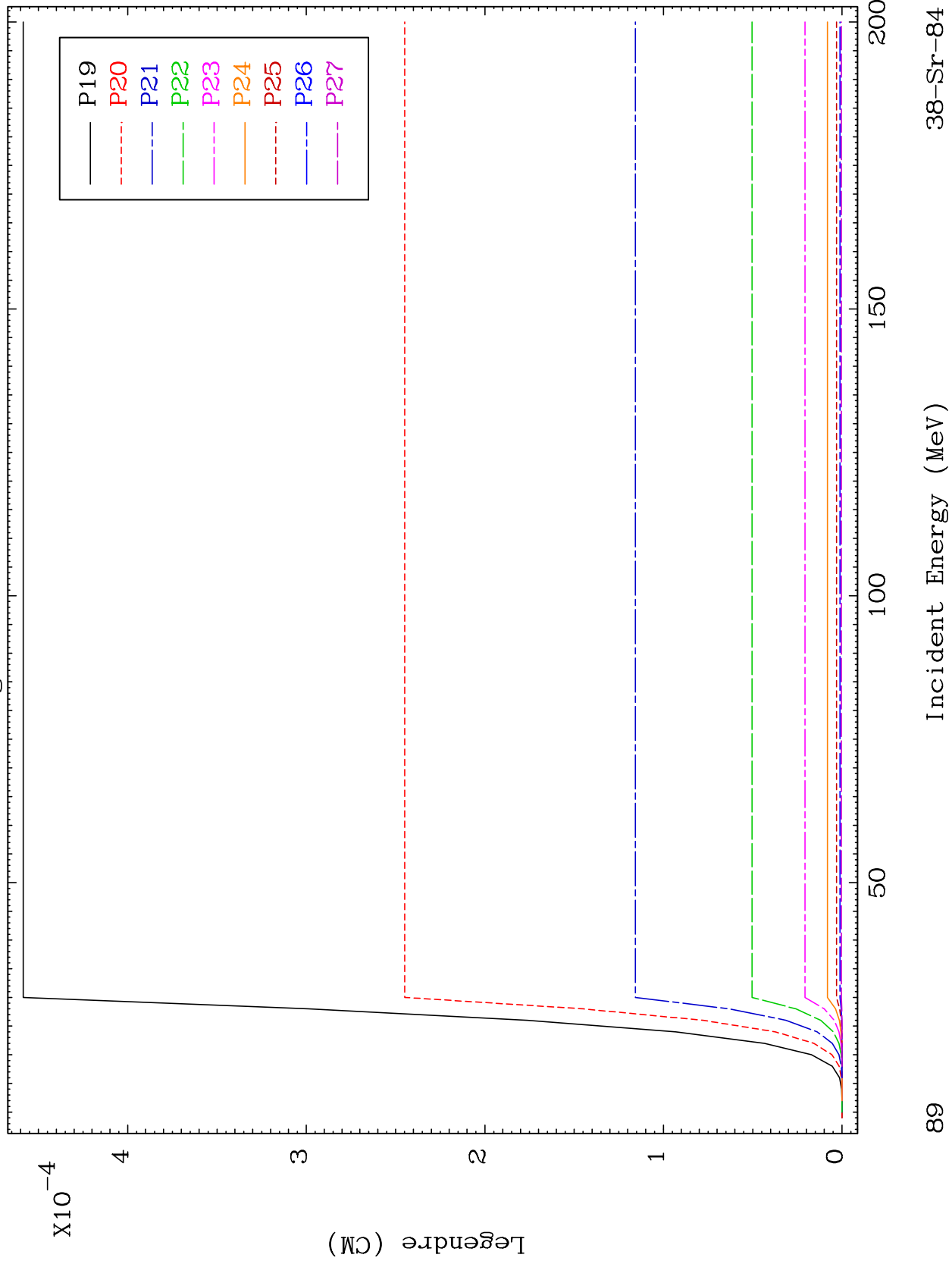
38-Sr-84



MAT 3825

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

38-Sr-84

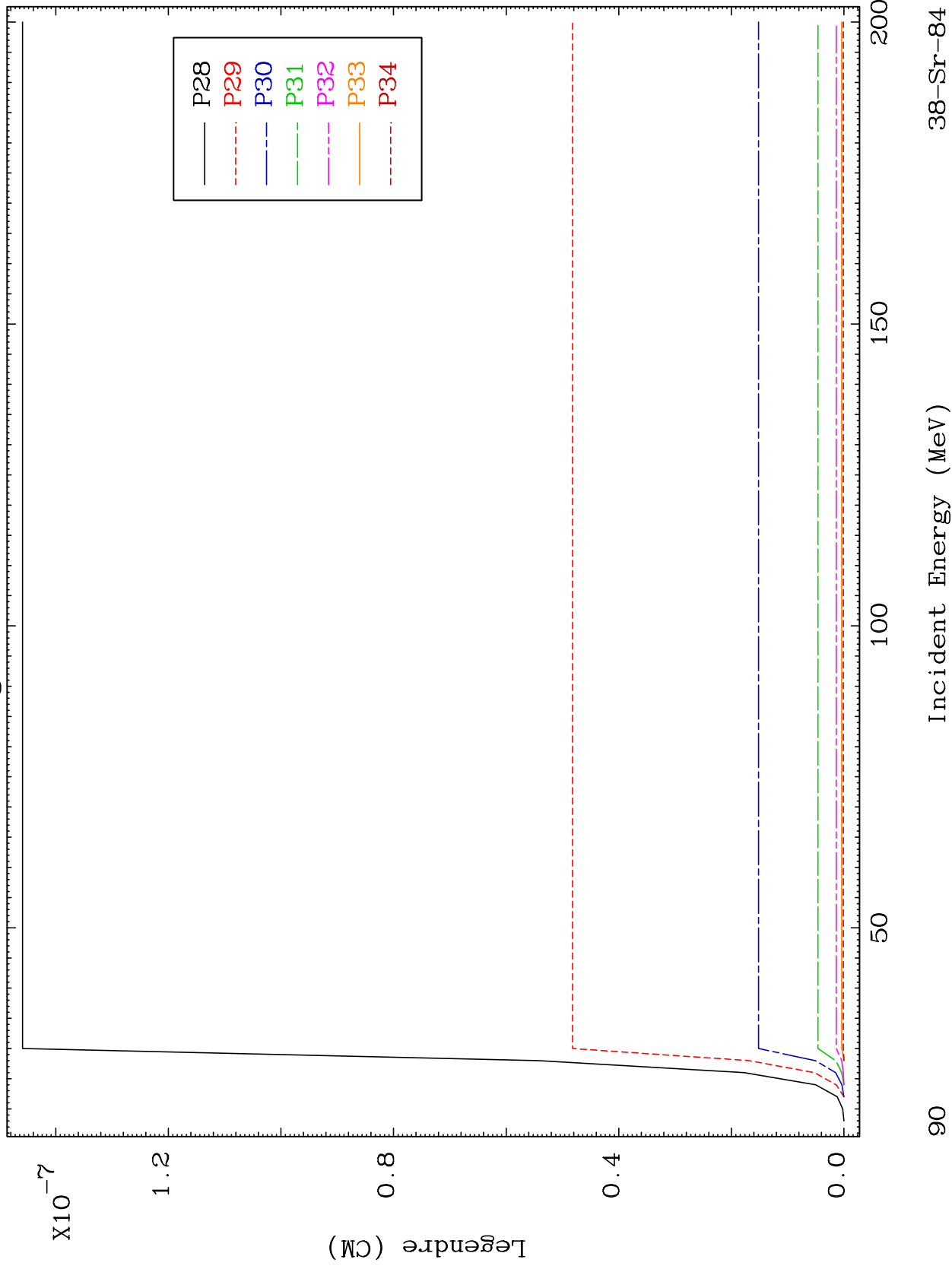


89

MAT 3825

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

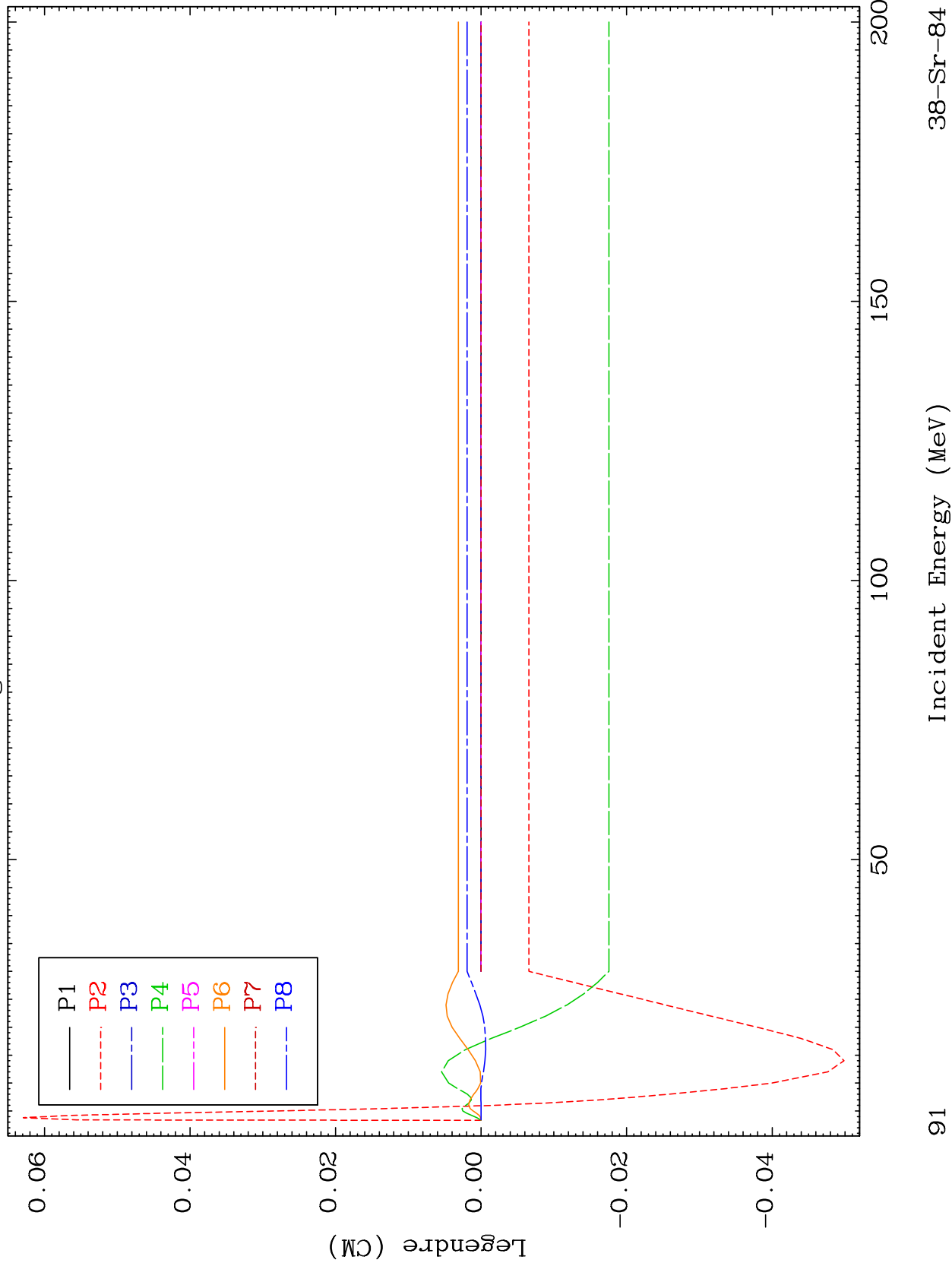
38-Sr-84



MAT 3825

38-Sr-84

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



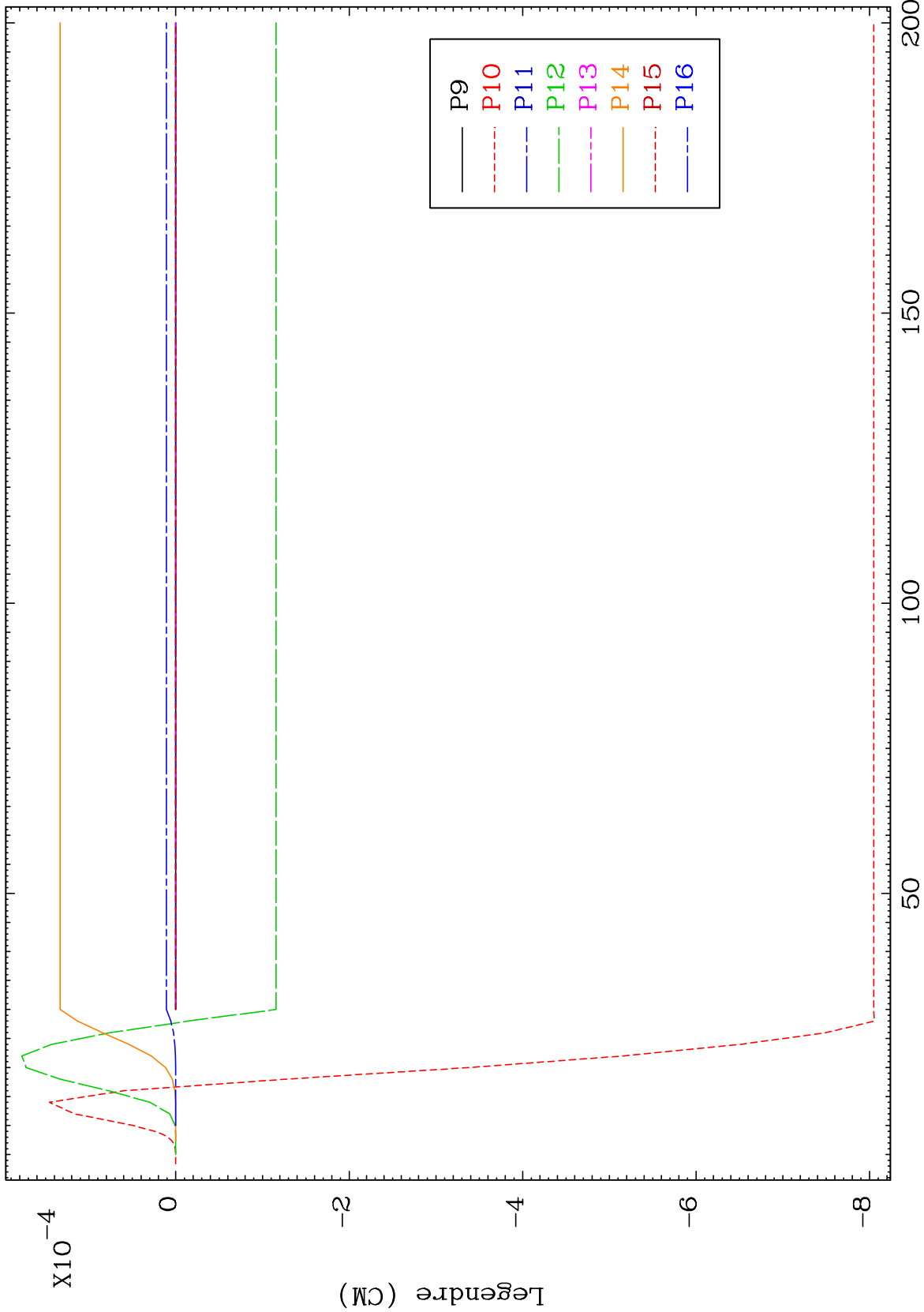
91

38-Sr-84

MAT 3825

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

38-Sr-84



92

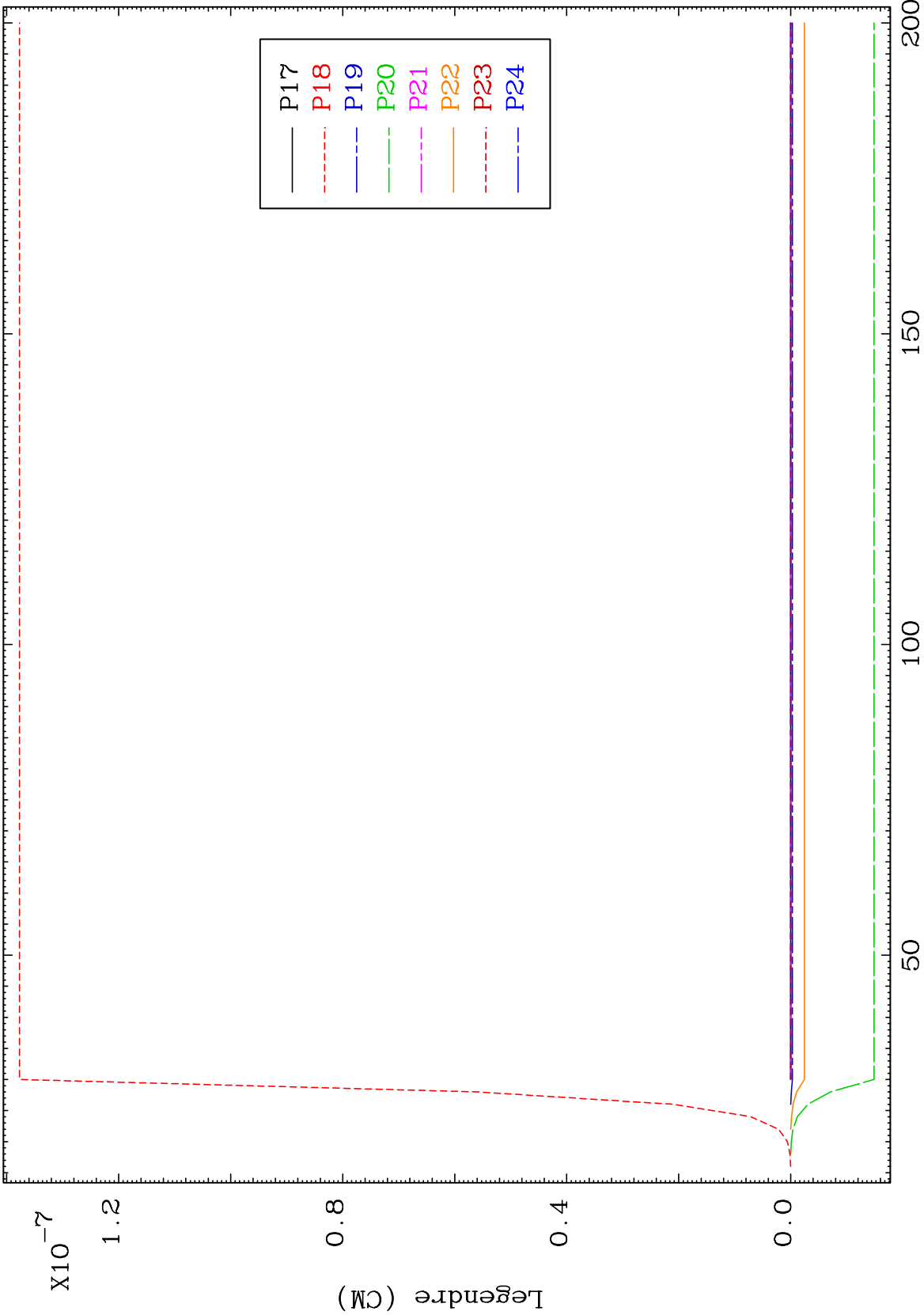
Incident Energy (MeV)

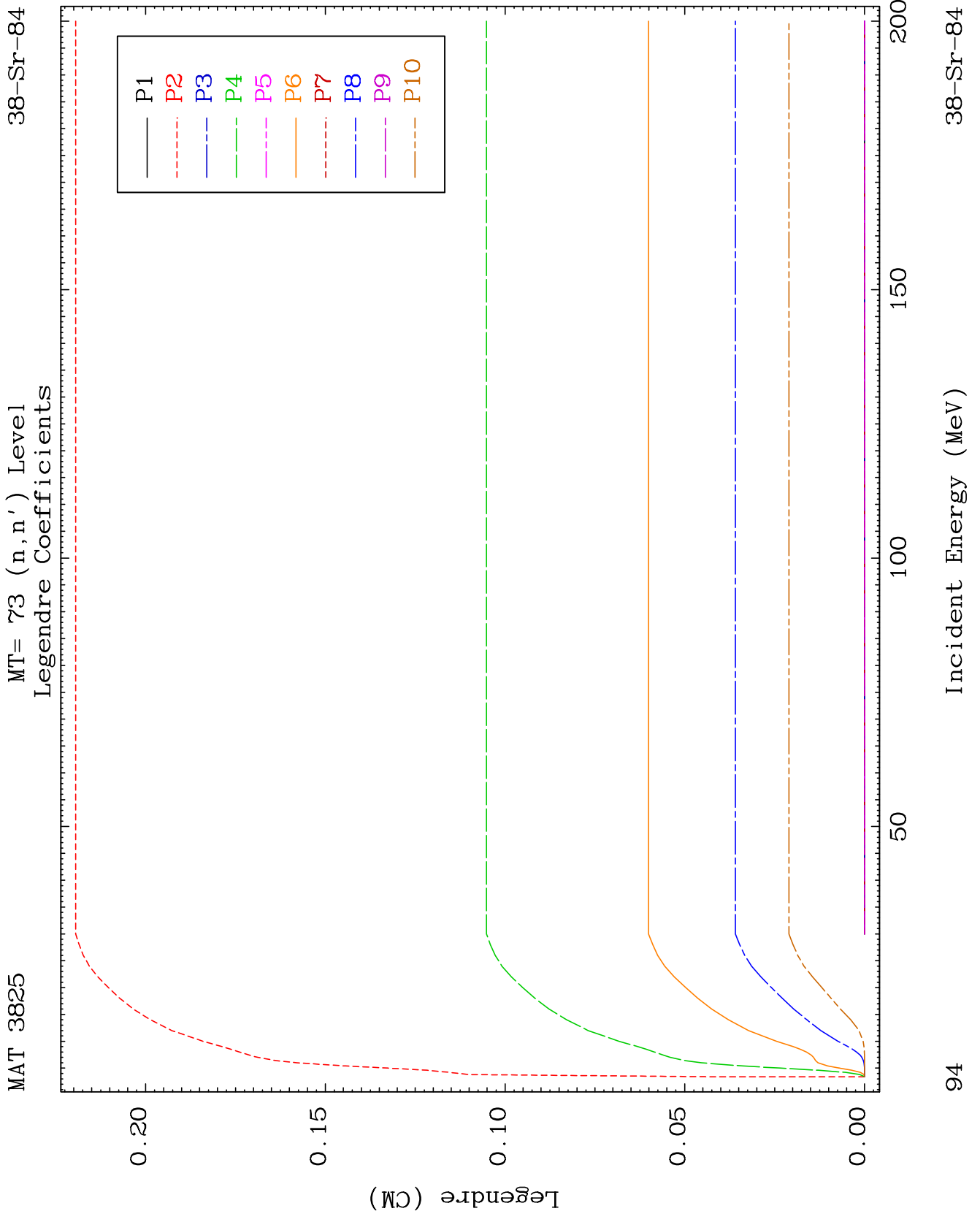
38-Sr-84

MAT 3825

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

38-Sr-84

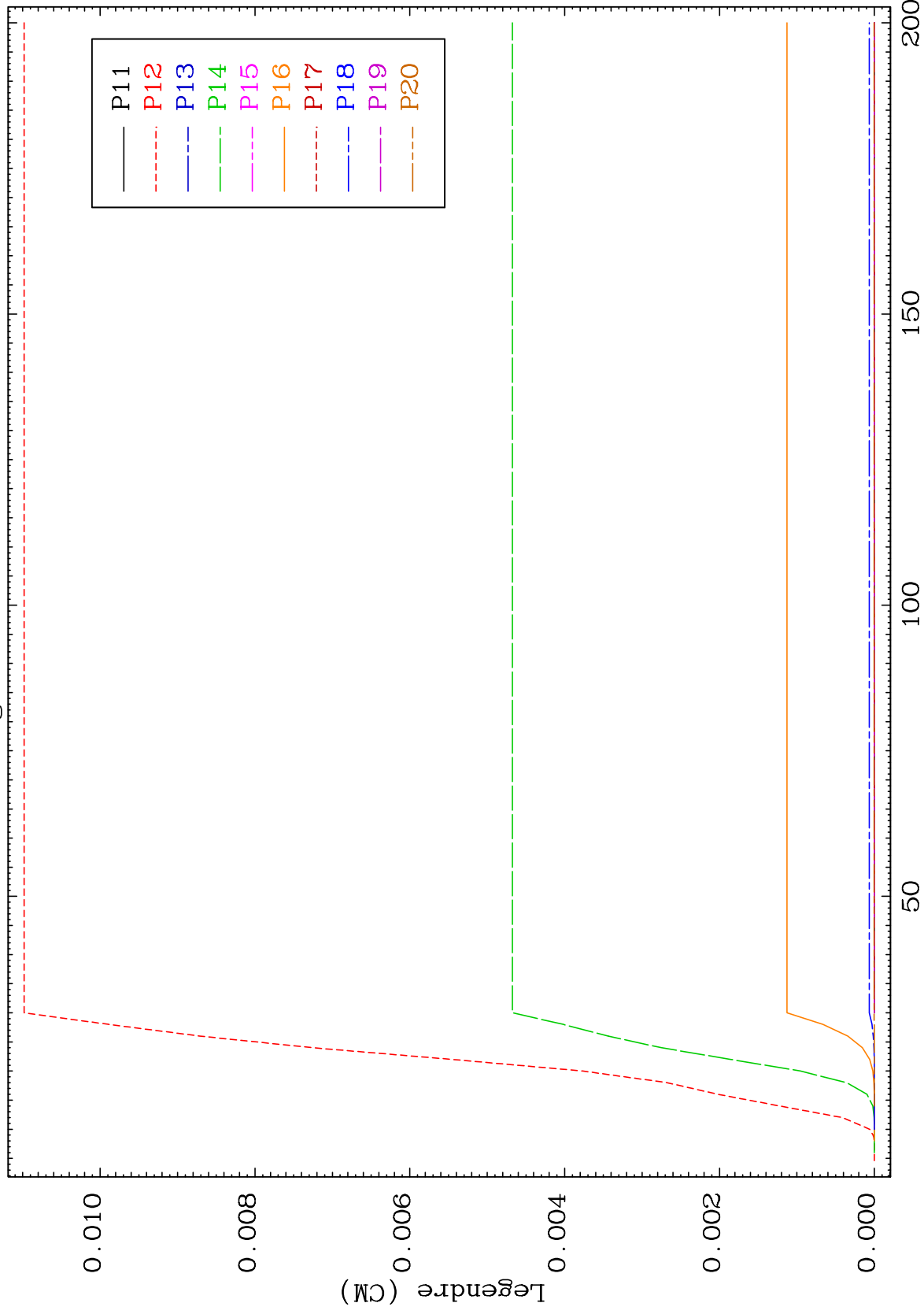




MAT 3825

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

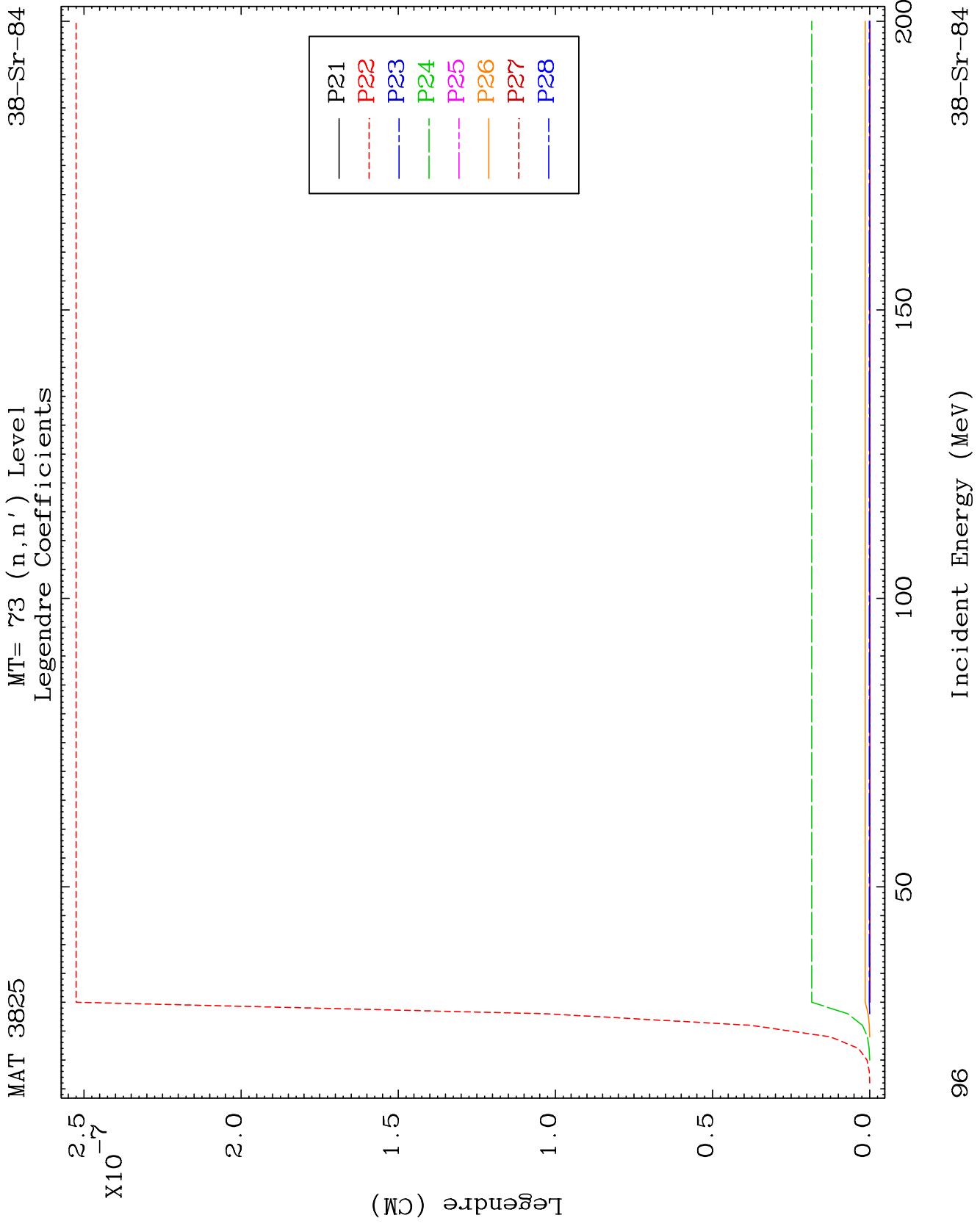
38-Sr-84



95

Incident Energy (MeV)

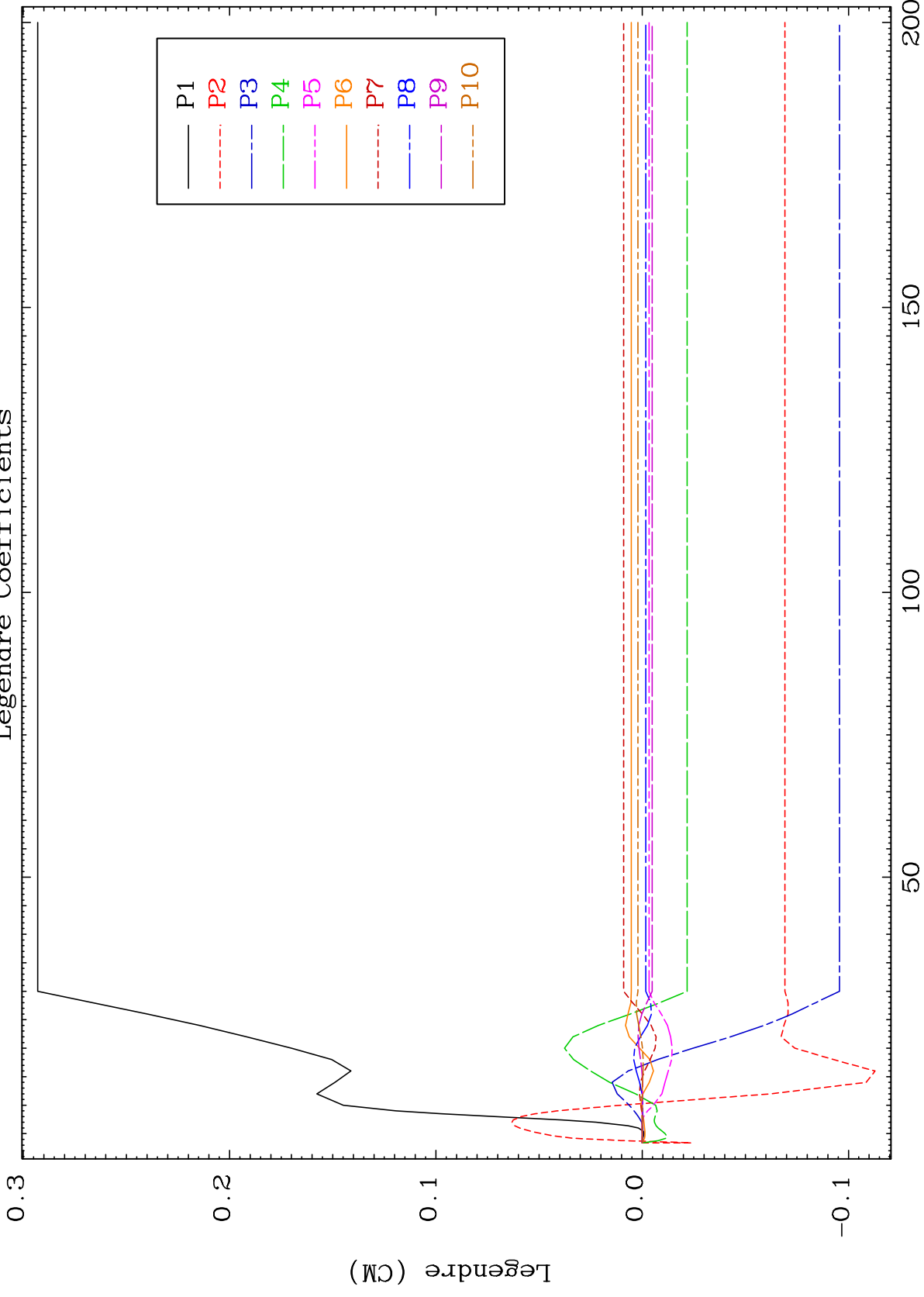
38-Sr-84



MAT 3825

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

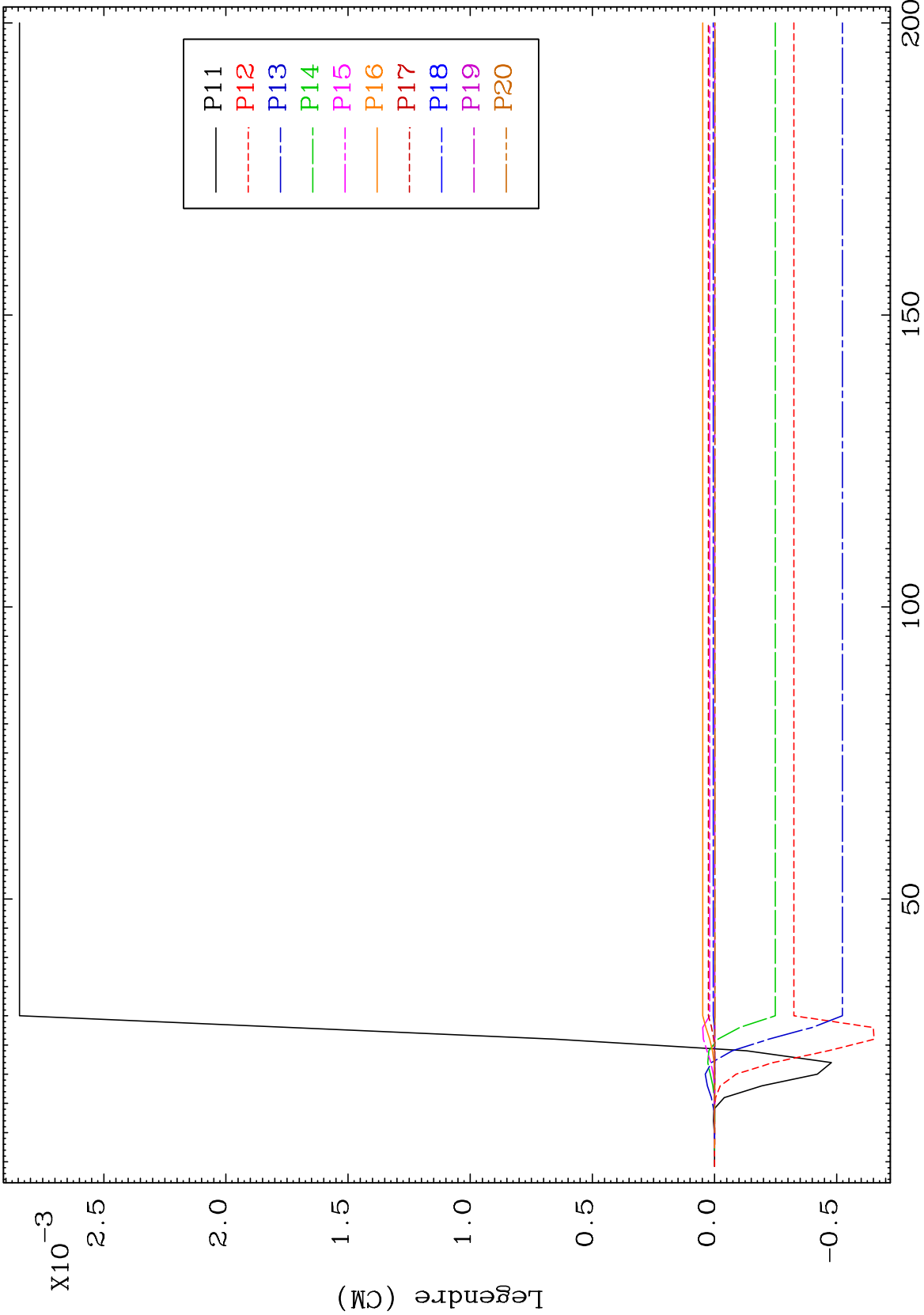
38-Sr-84



97

Incident Energy (MeV)

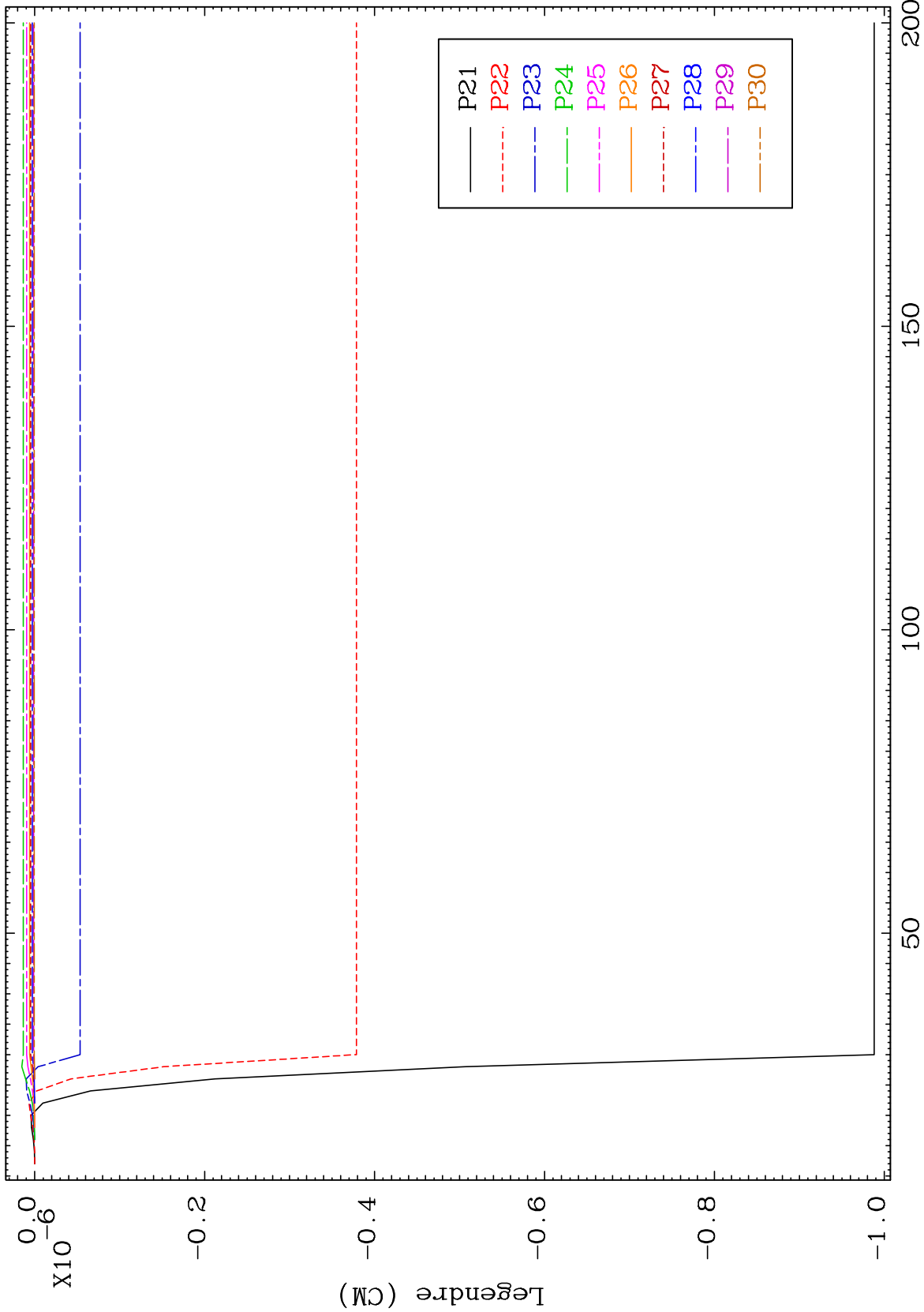
38-Sr-84



MAT 3825

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

38-Sr-84



99

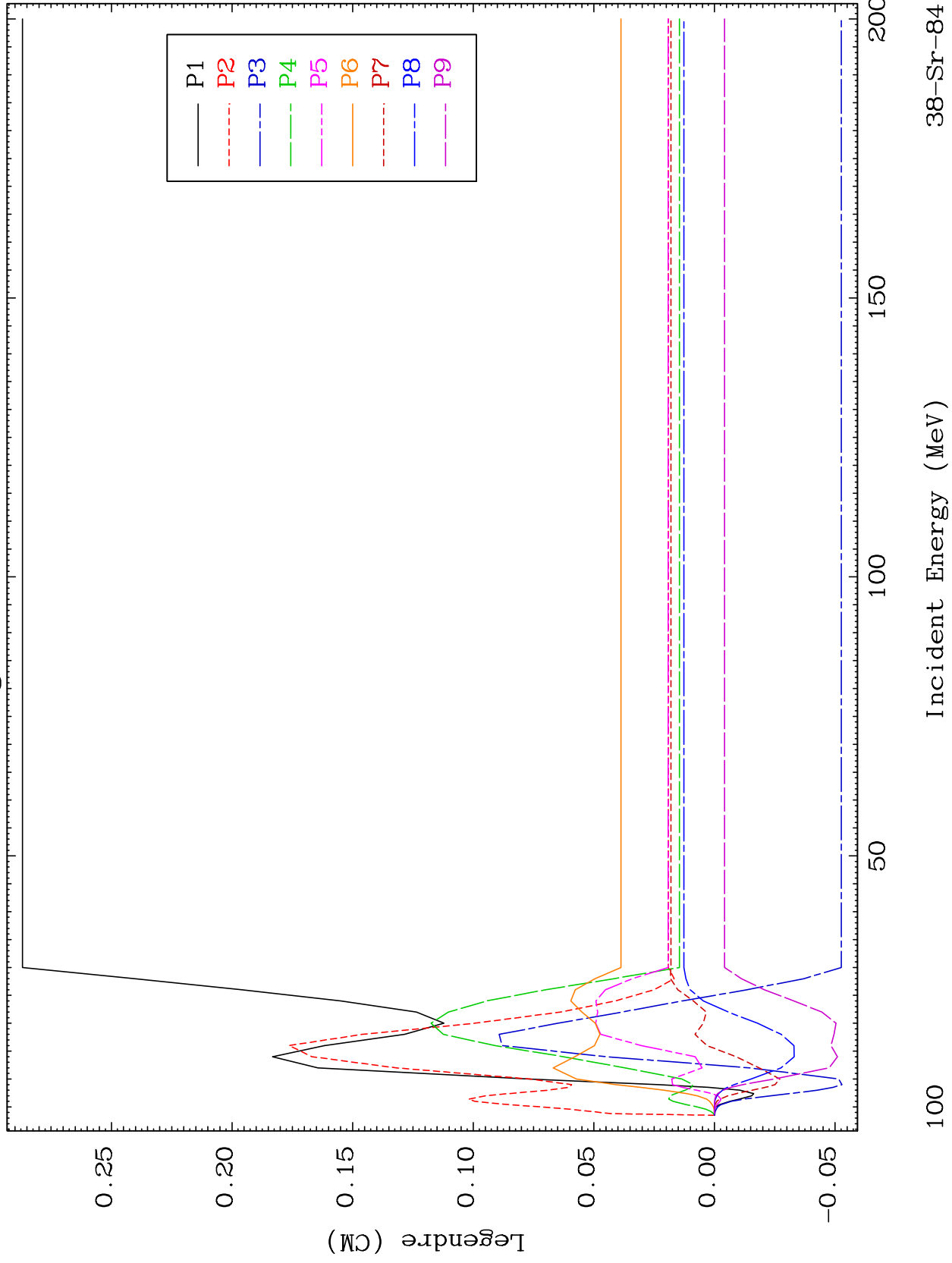
Incident Energy (MeV)

38-Sr-84

MAT 3825

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

38-Sr-84

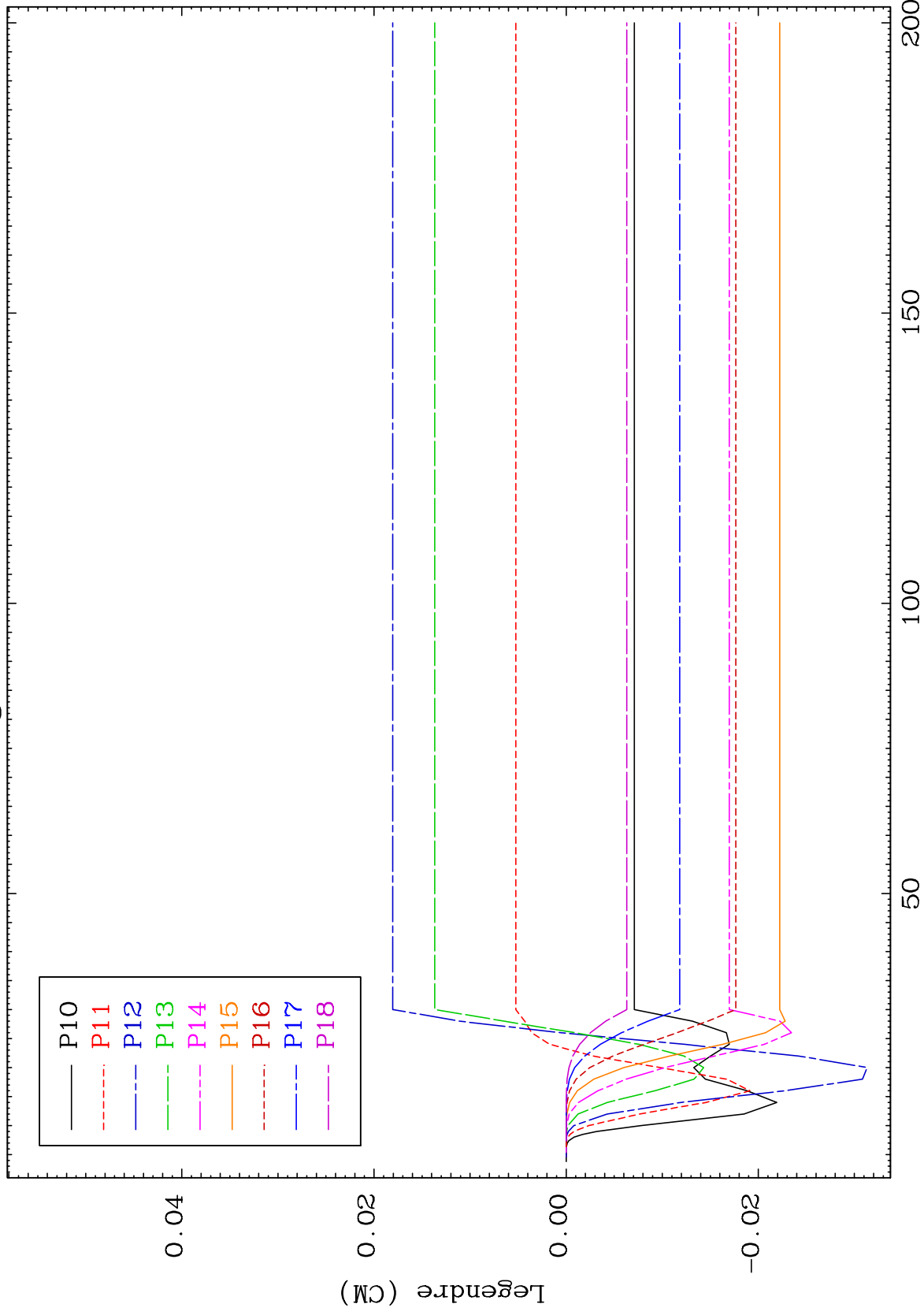


38-Sr-84

MAT 3825

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

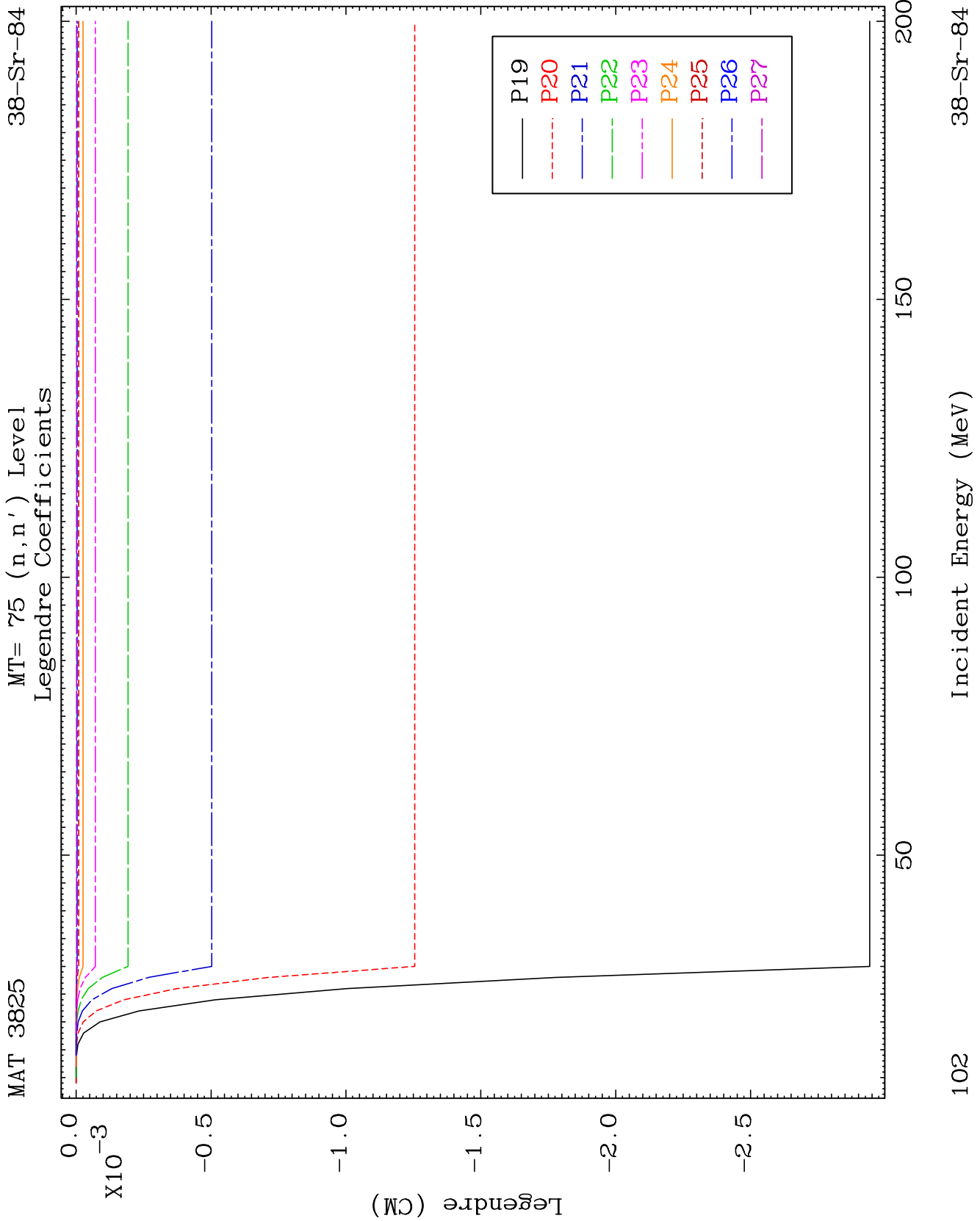
38-Sr-84

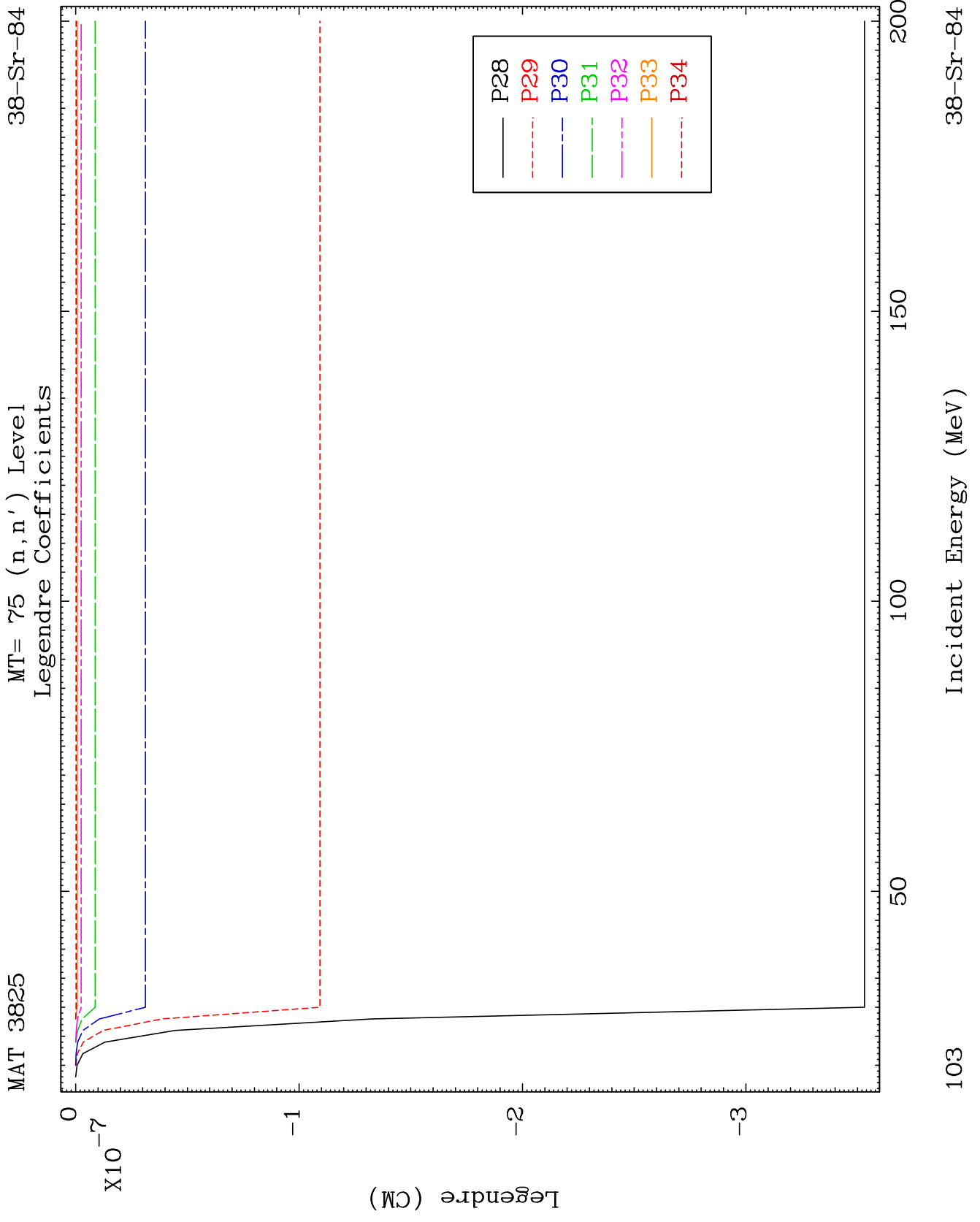


101

Incident Energy (MeV)

38-Sr-84

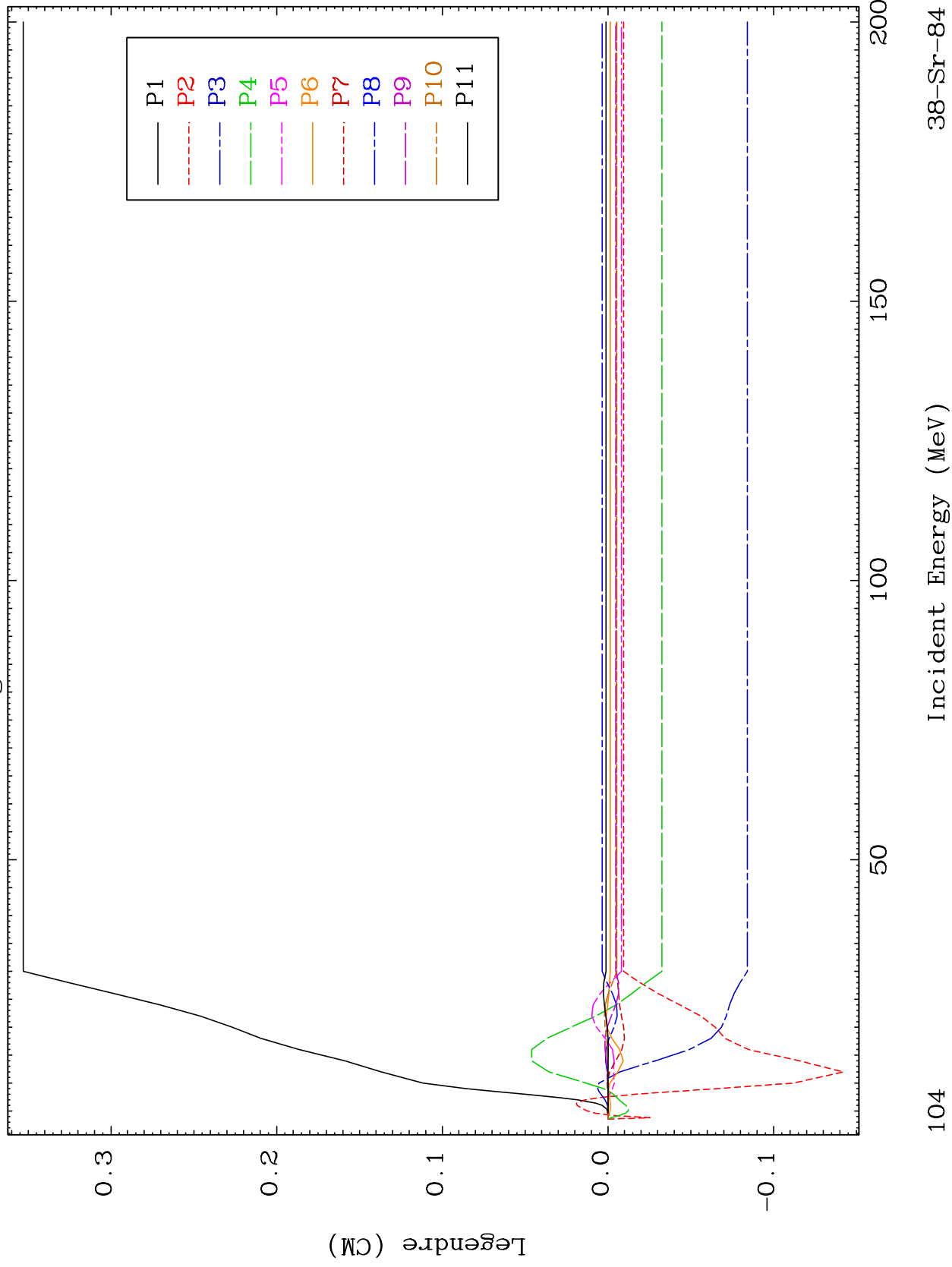




MAT 3825

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

38-Sr-84



104

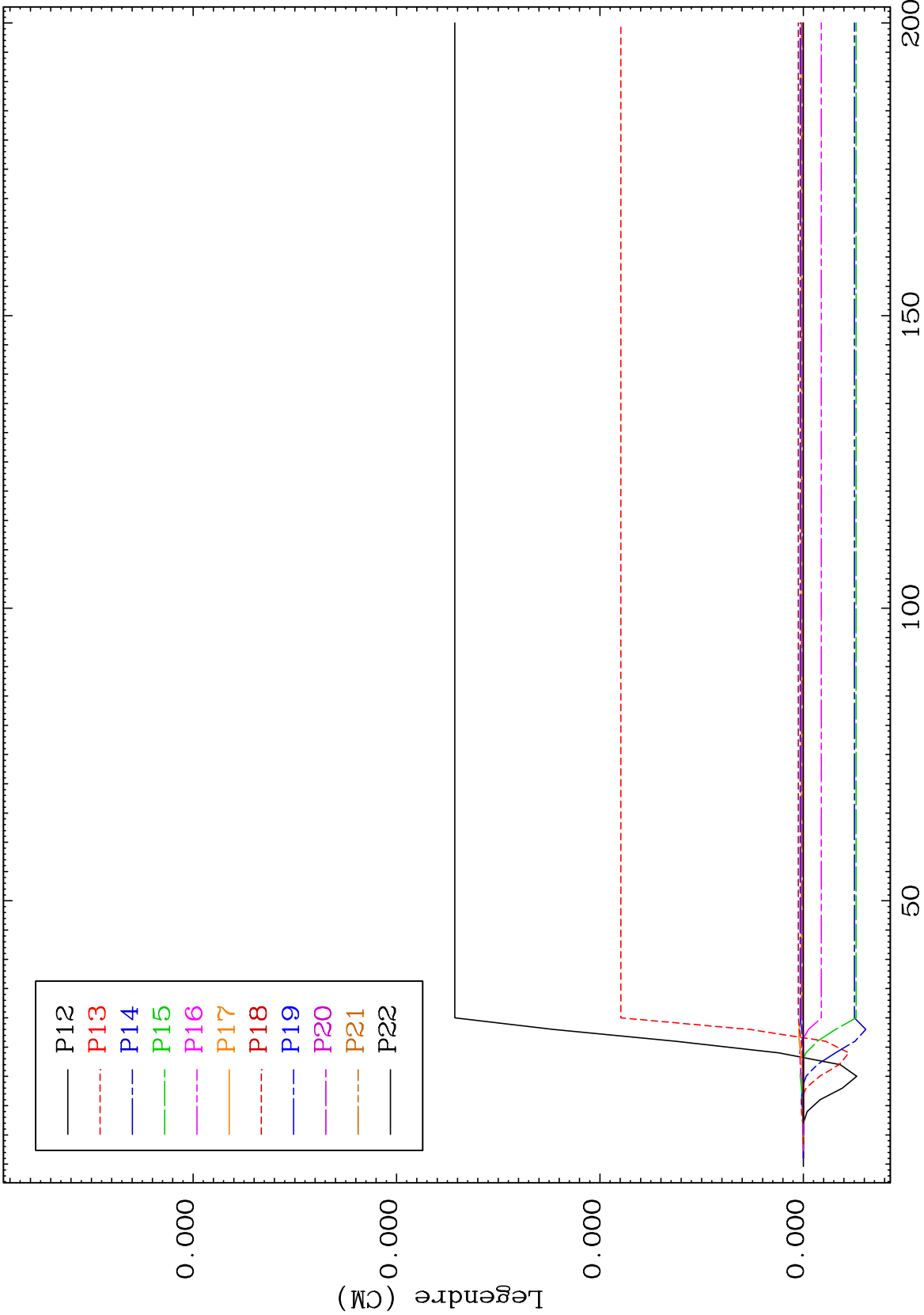
Incident Energy (MeV)

38-Sr-84

MAT 3825

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

38-Sr-84



105

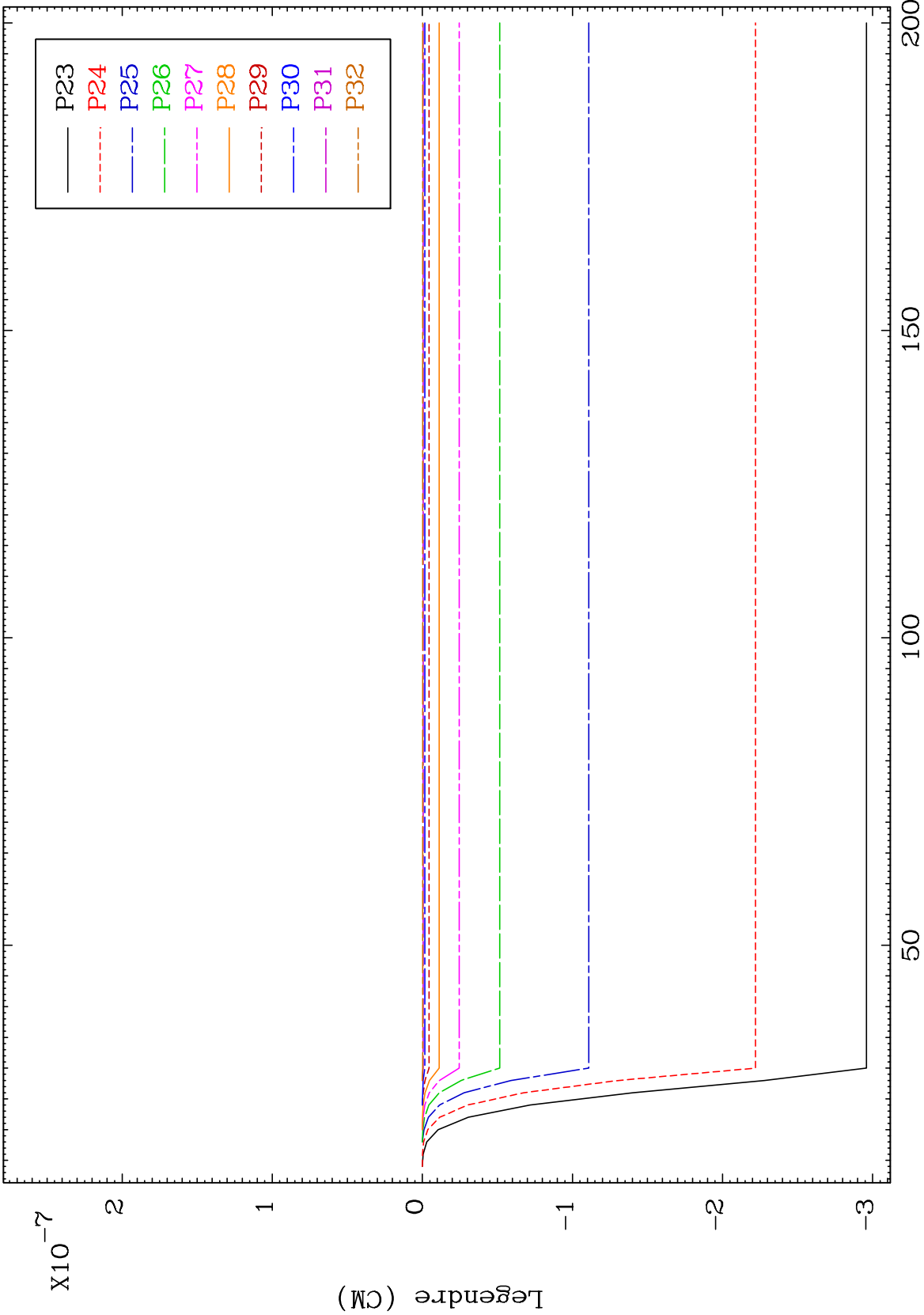
Incident Energy (MeV)

38-Sr-84

MAT 3825

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

38-Sr-84



106

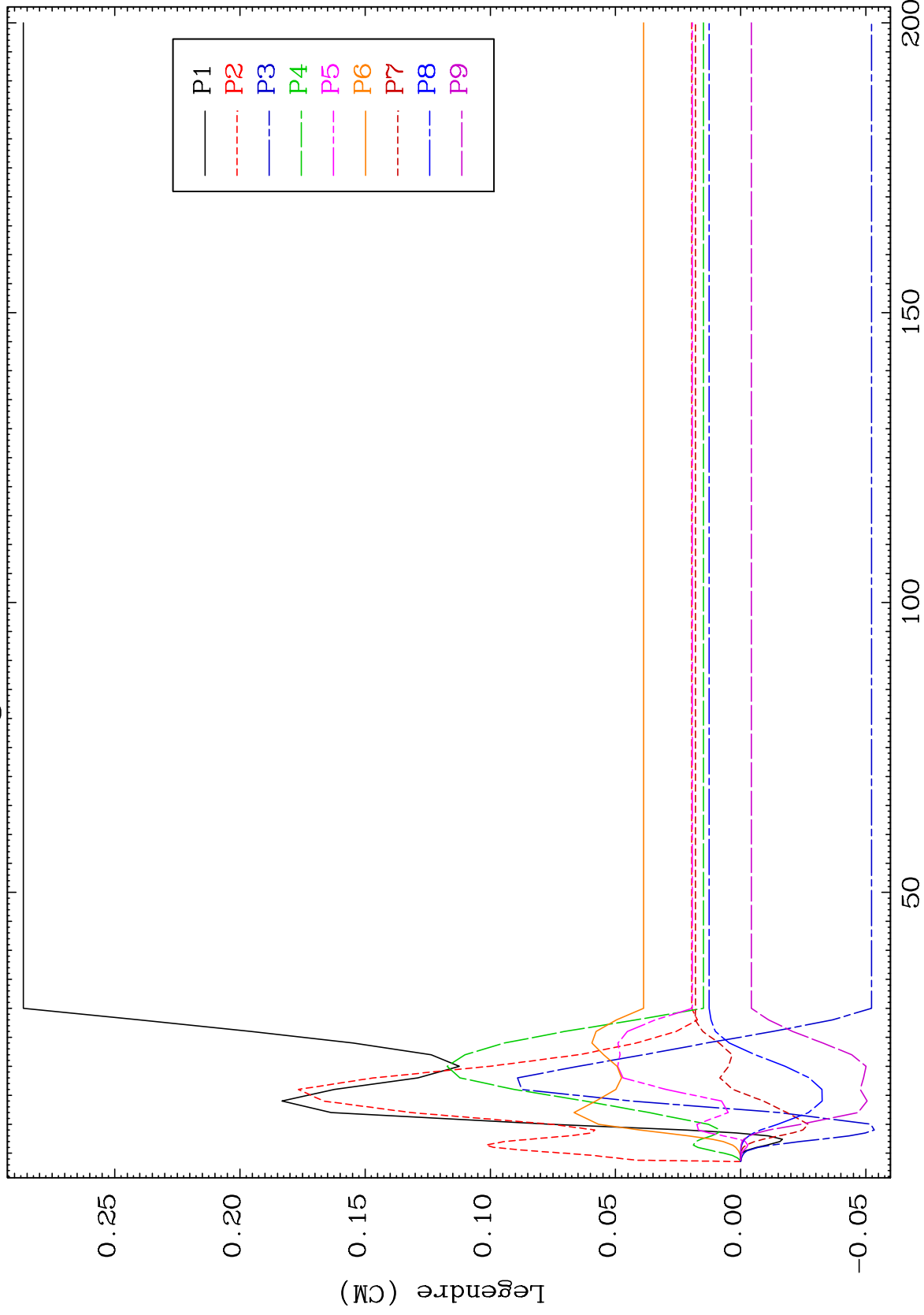
Incident Energy (MeV)

38-Sr-84

MAT 3825

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

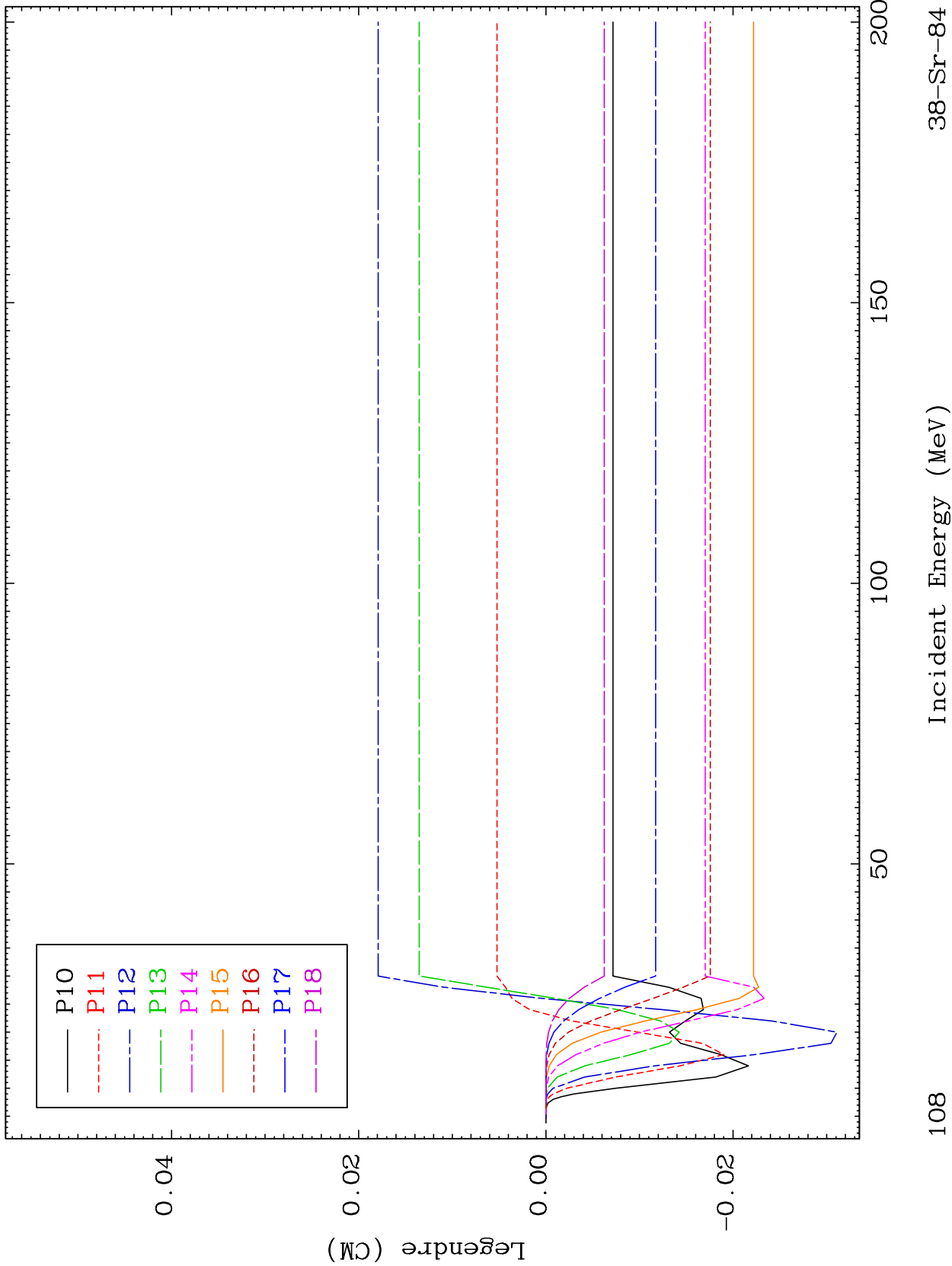
38-Sr-84



107

Incident Energy (MeV)

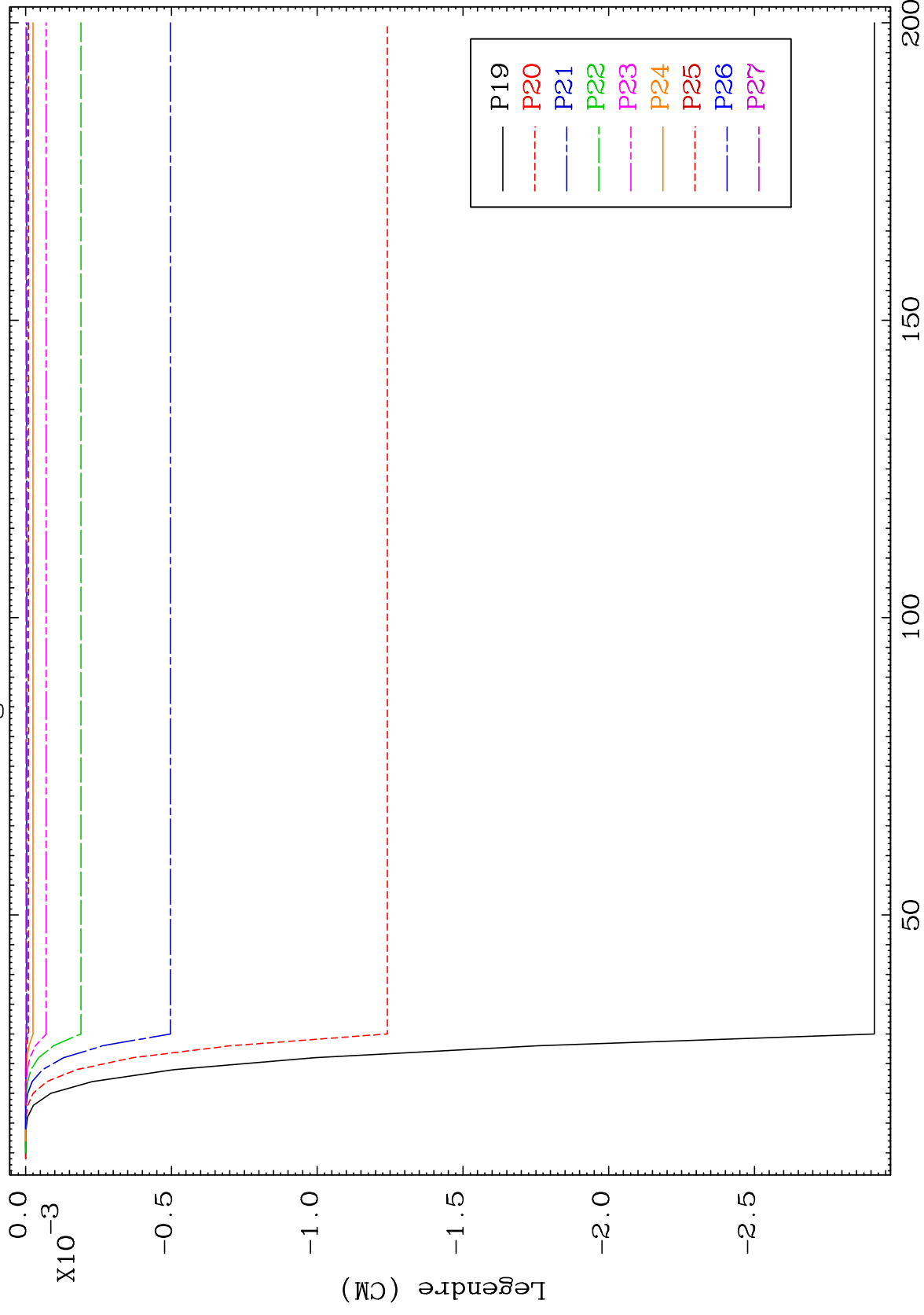
38-Sr-84



MAT 3825

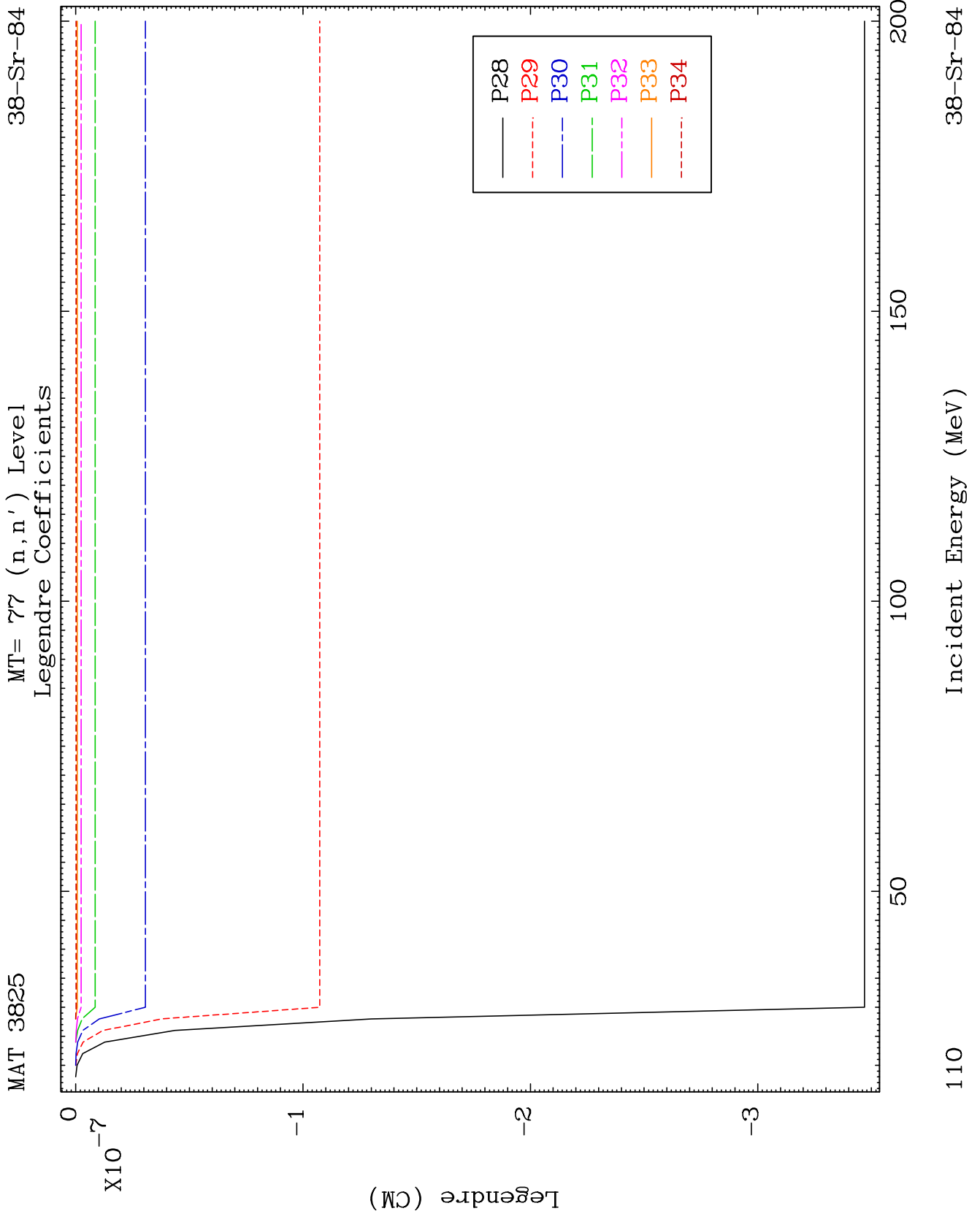
MT= 77 (n,n') Level
Legendre Coefficients

38-Sr-84



109

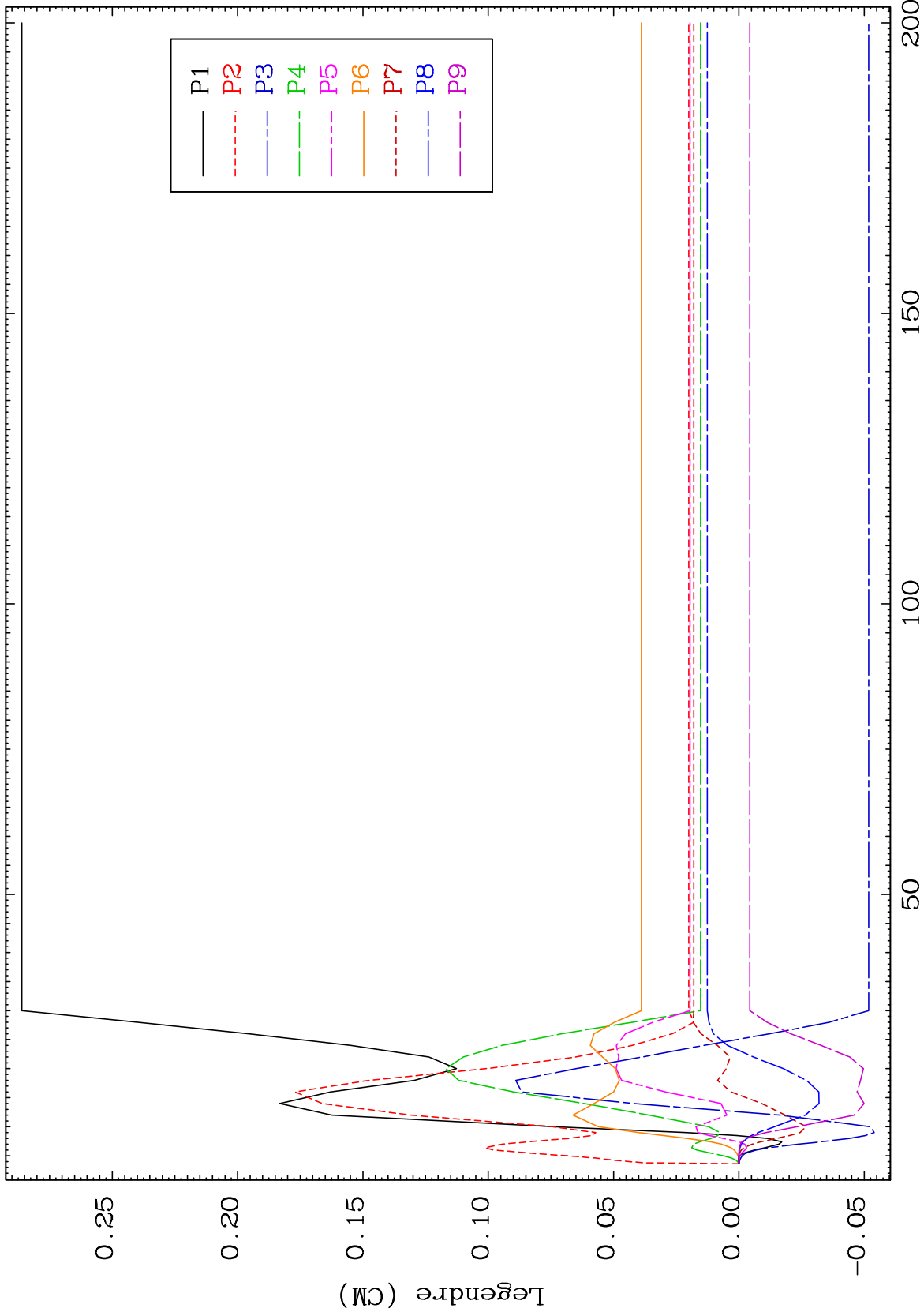
38-Sr-84



MAT 3825

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

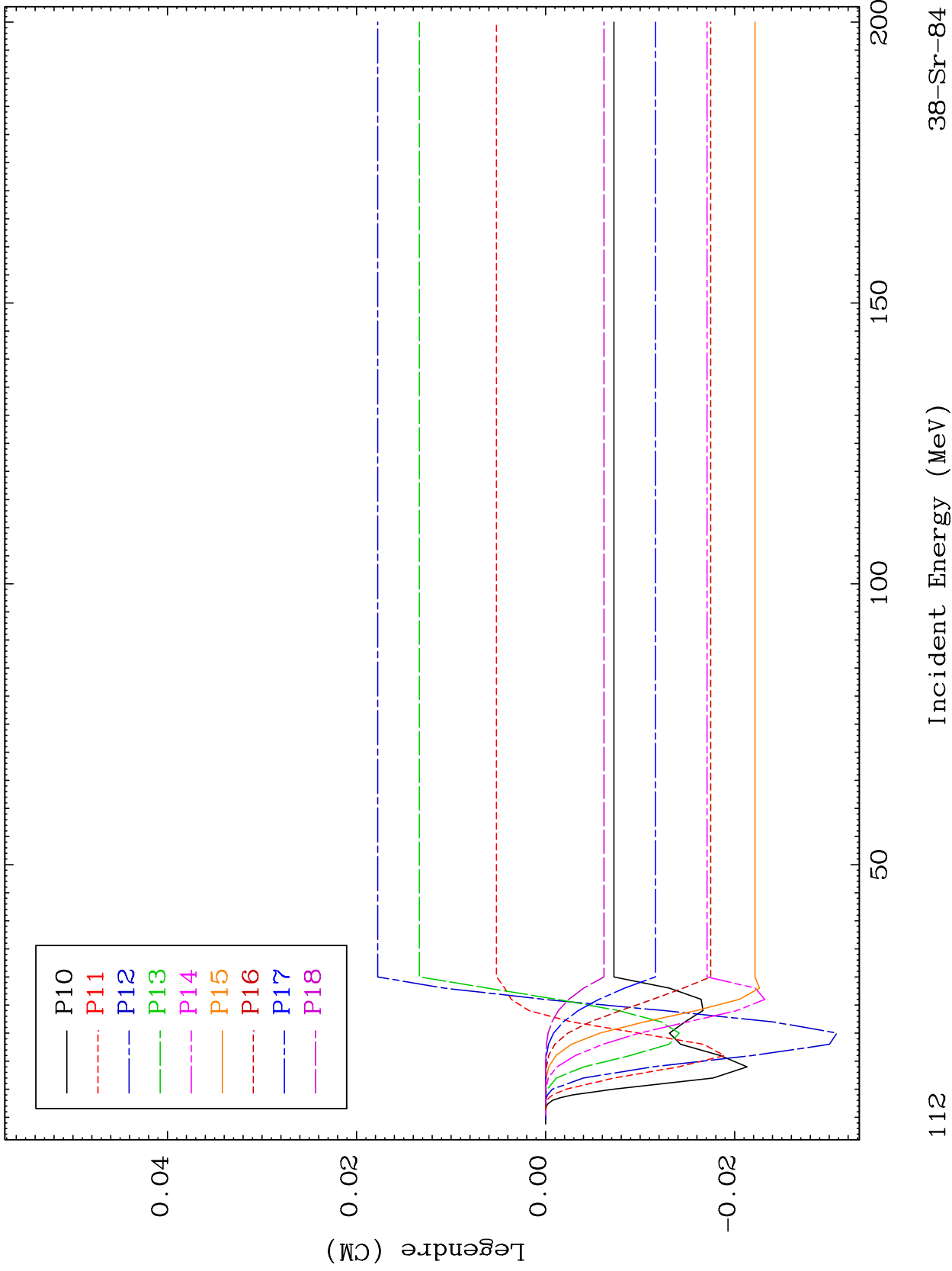
38-Sr-84

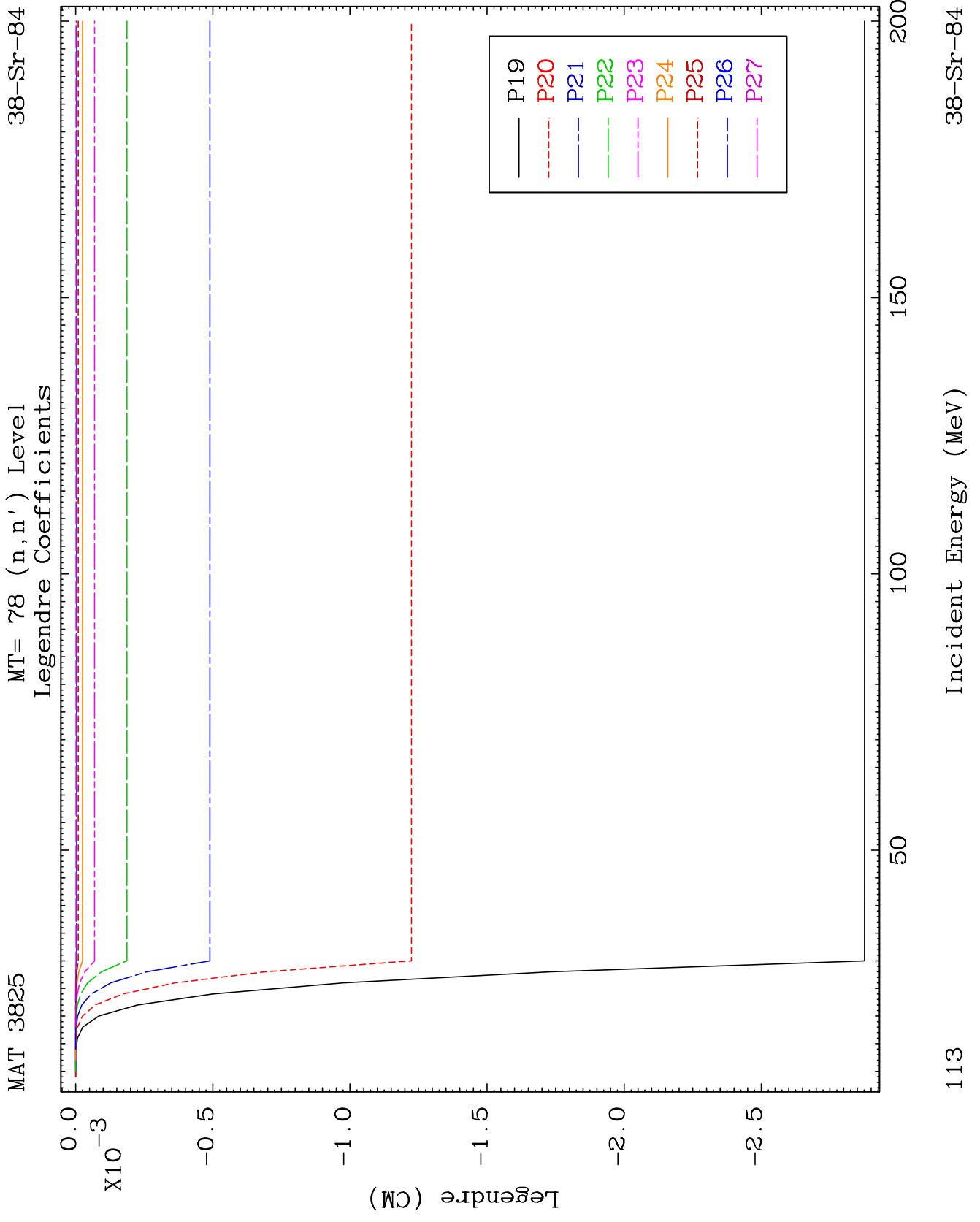


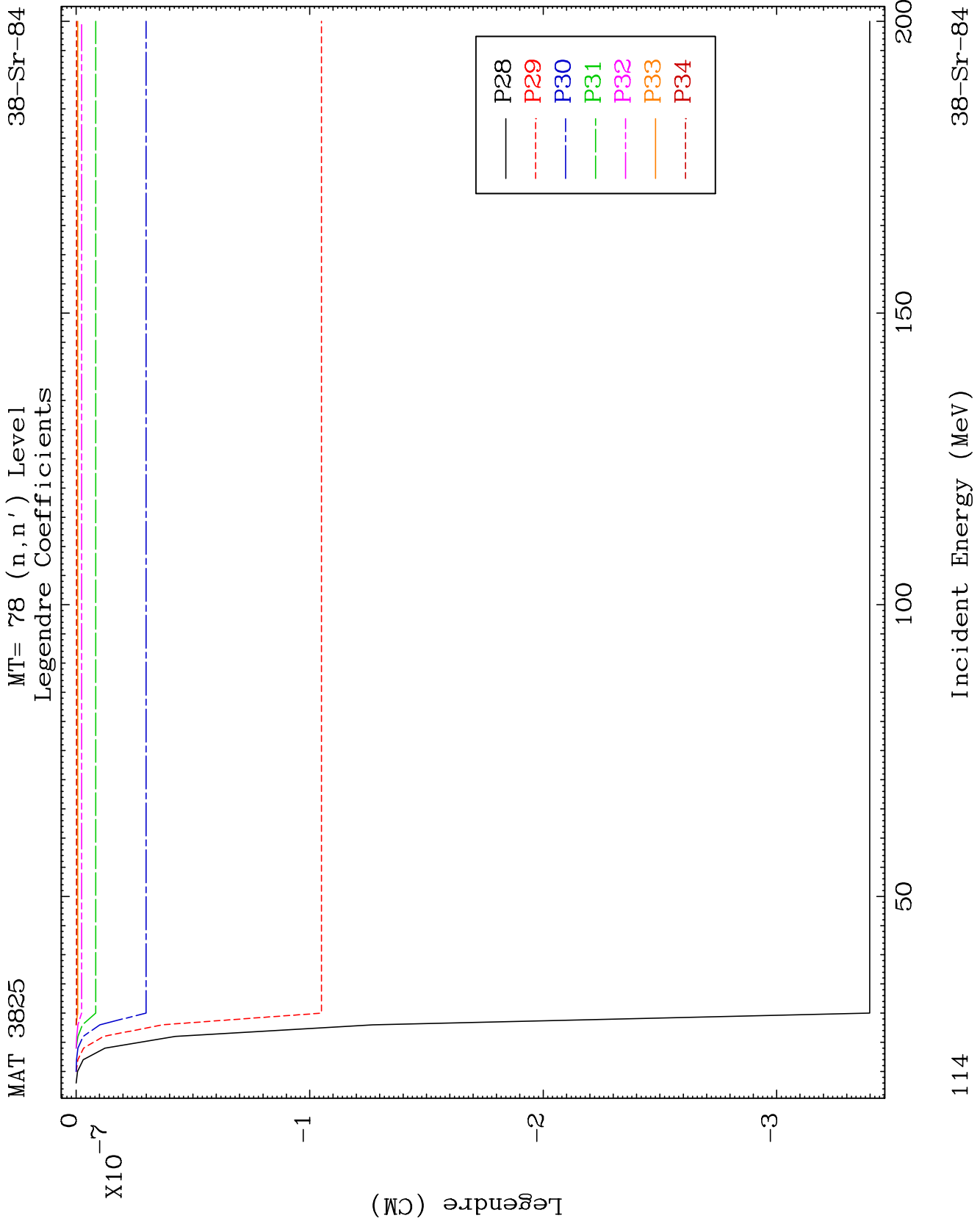
111

Incident Energy (MeV)

38-Sr-84



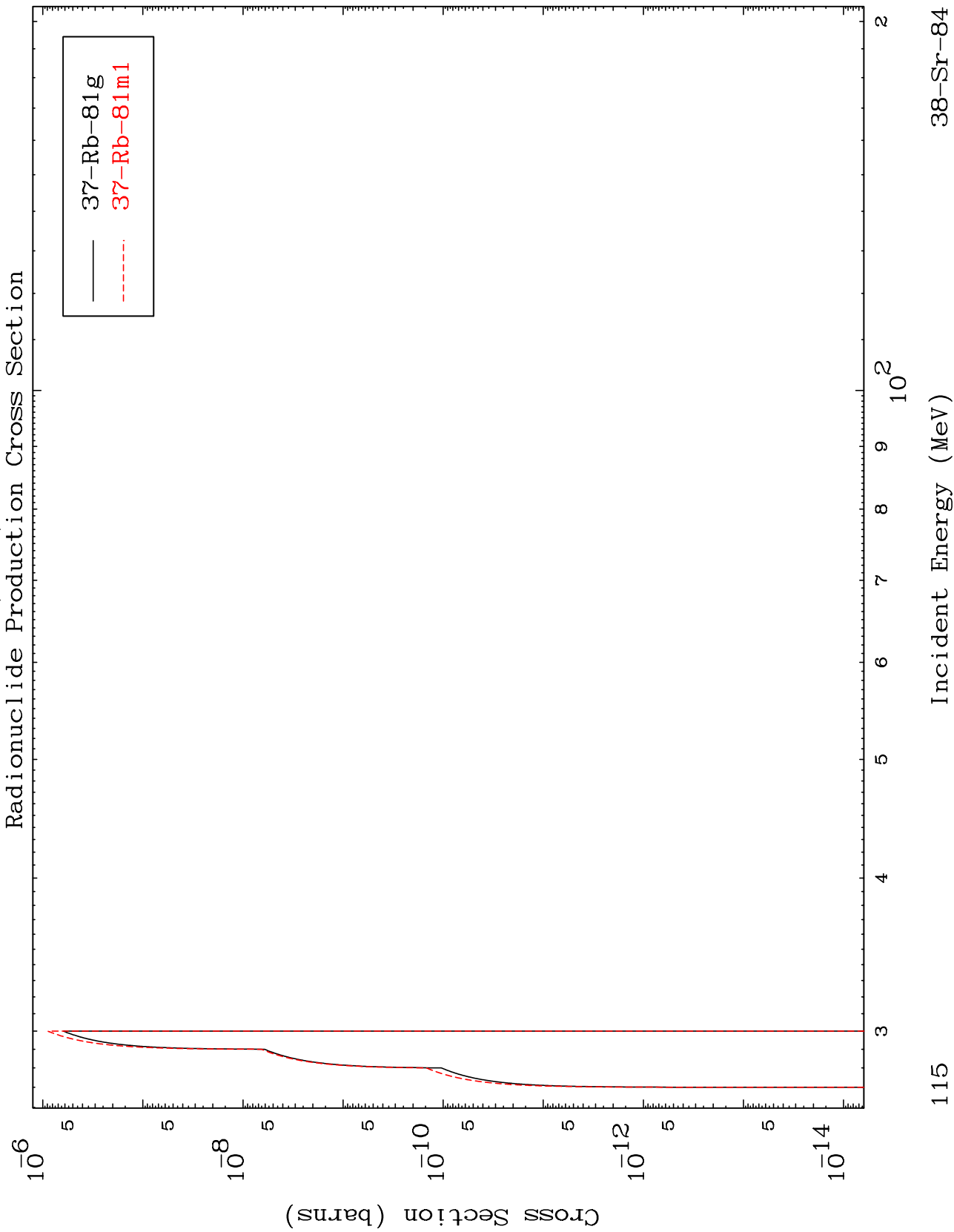




MAT 3825

(n,2n) d

38-Sr-84



115

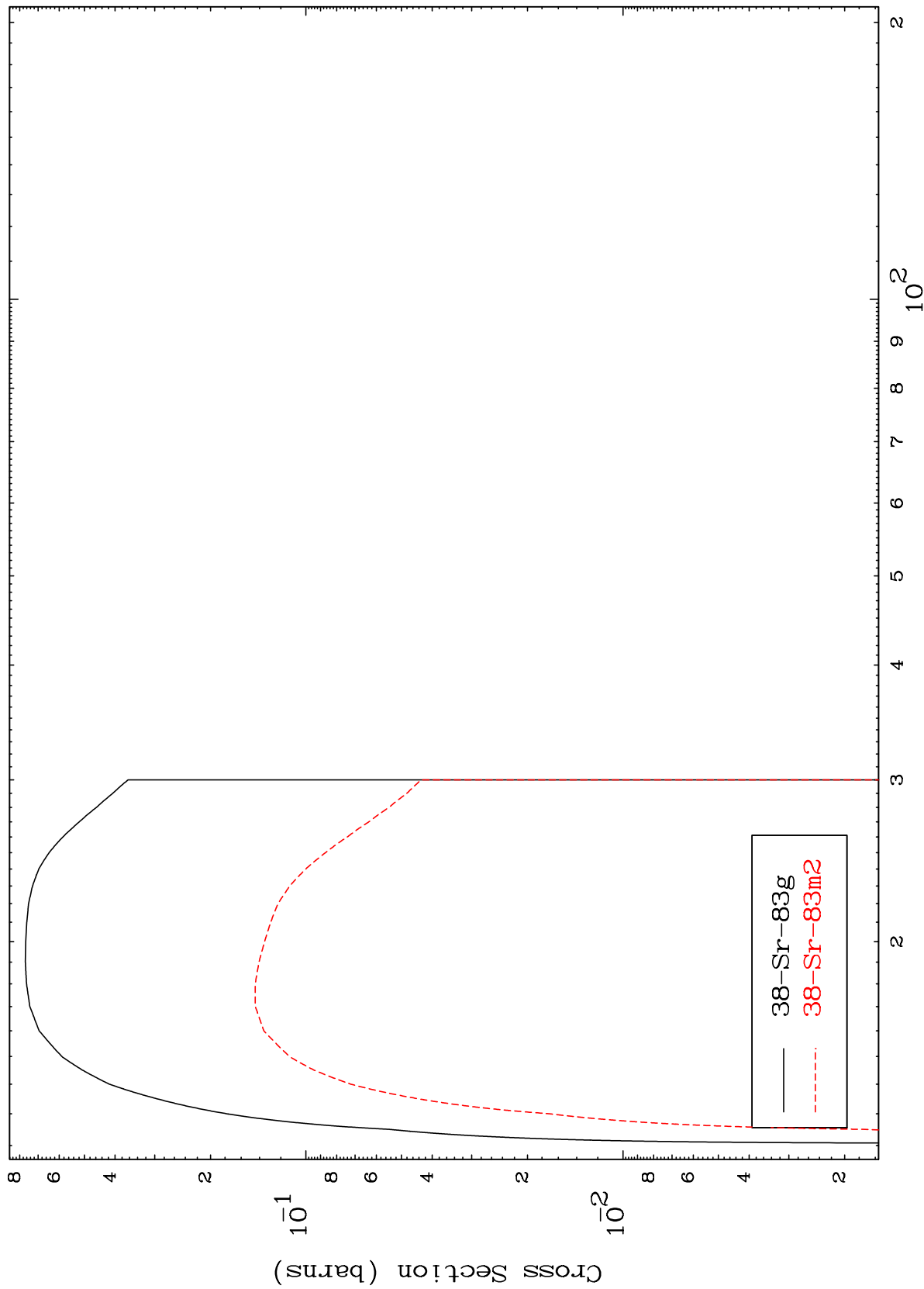
Incident Energy (MeV)

38-Sr-84

MAT 3825

38-Sr-84

(n,2n)
Radionuclide Production Cross Section



116

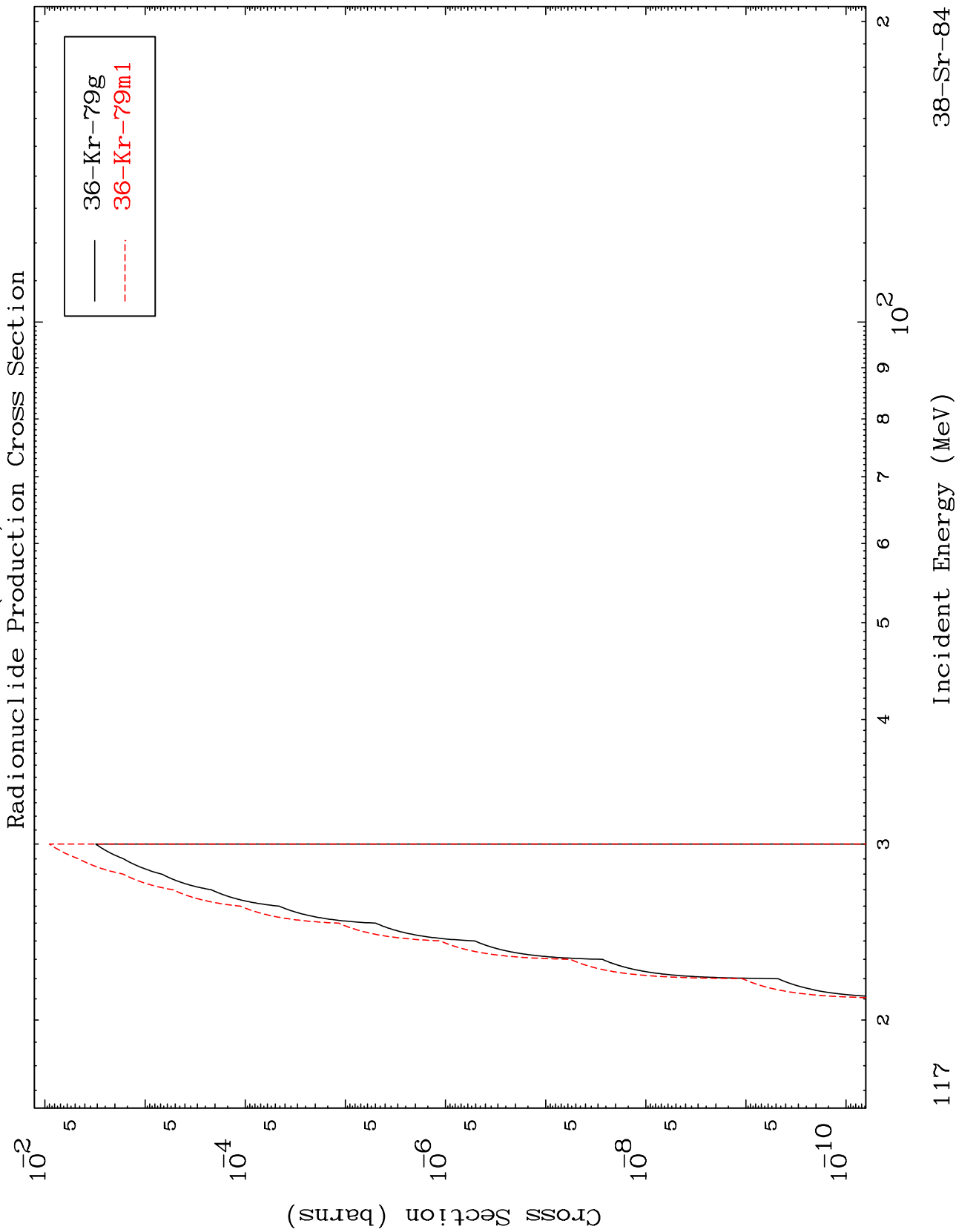
Incident Energy (MeV)

38-Sr-84

MAT 3825

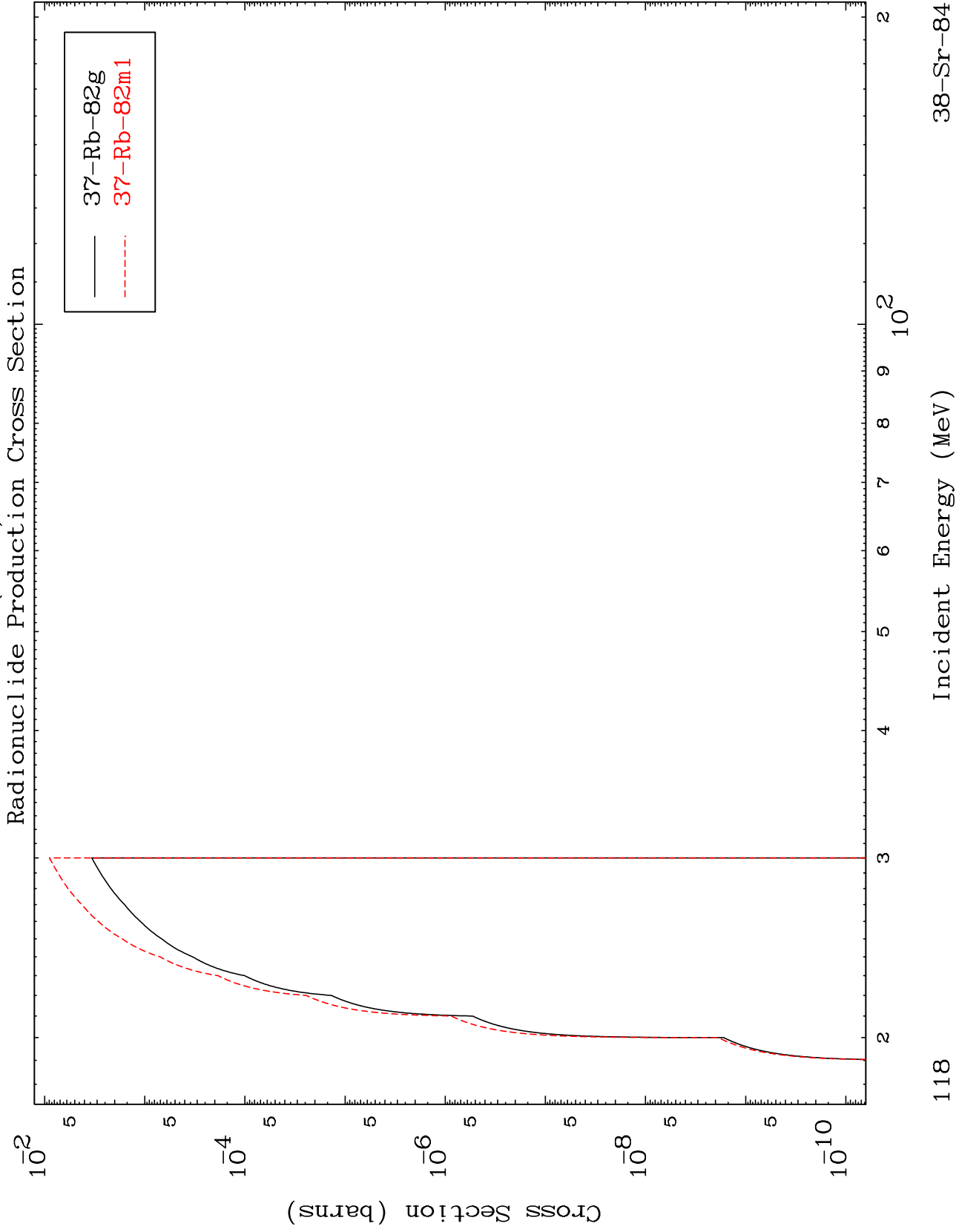
(n,2n) α

38-Sr-84



117

38-Sr-84

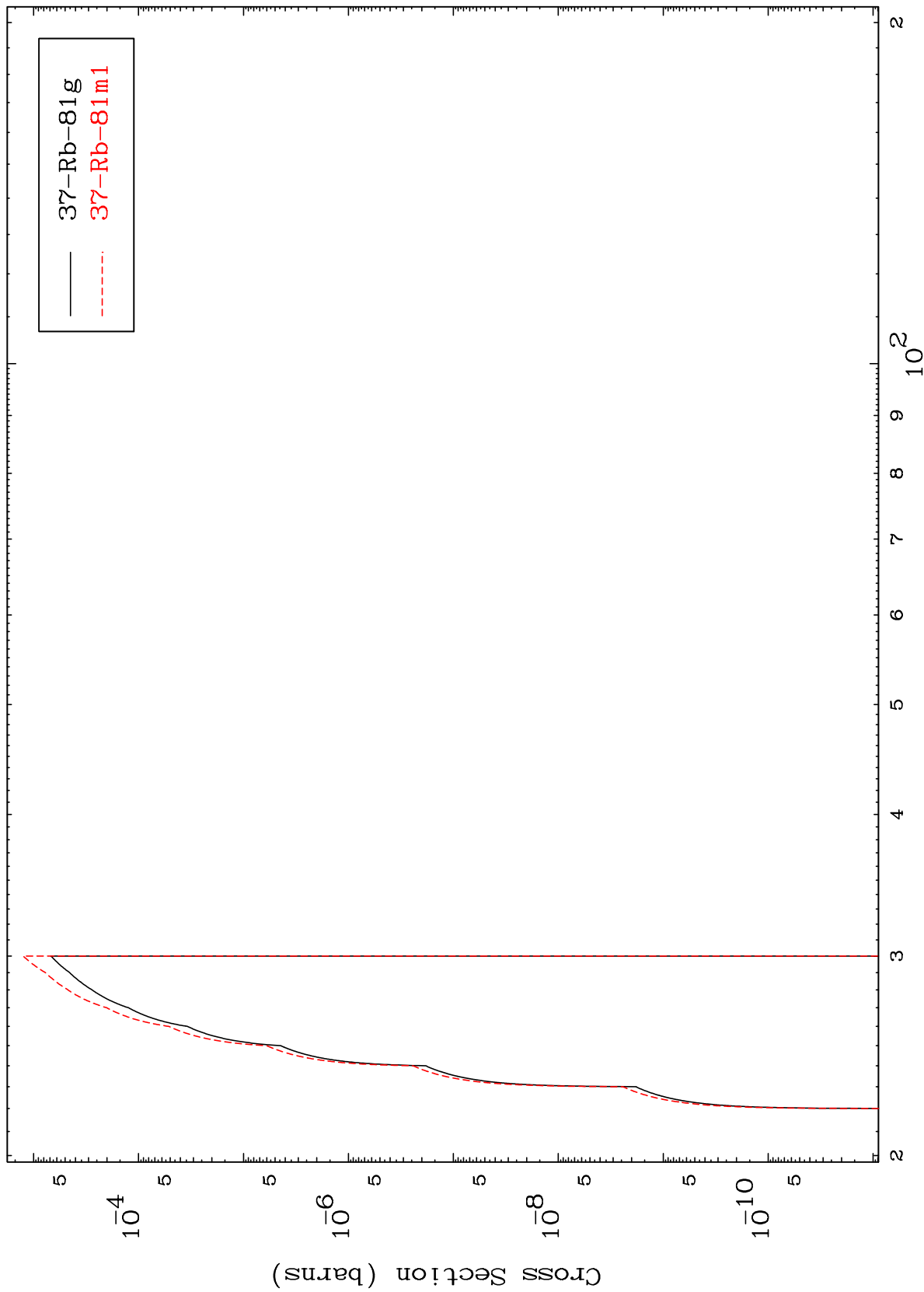


MAT 3825

(n,n') t

38-Sr-84

Radionuclide Production Cross Section



119

Incident Energy (MeV)

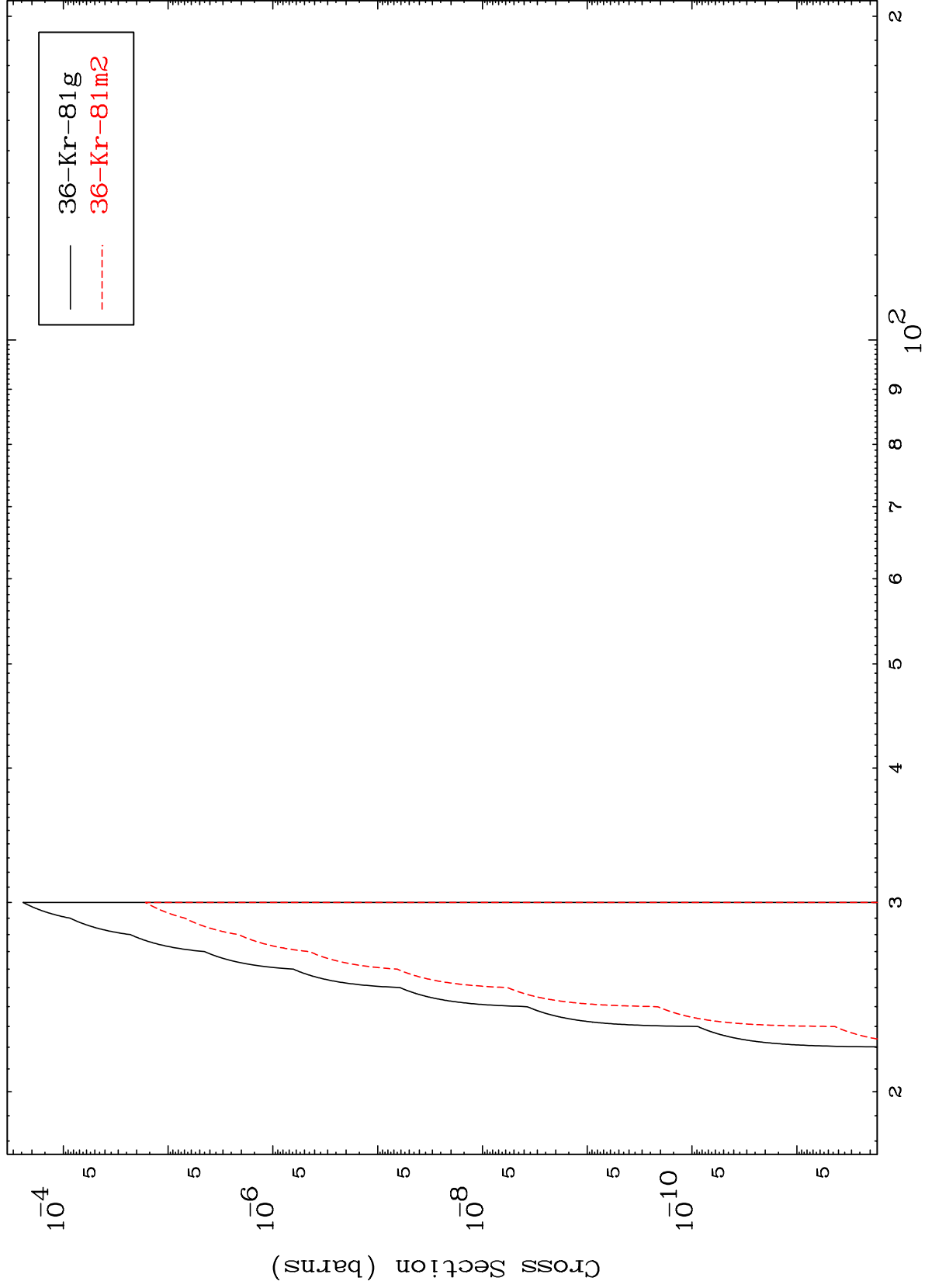
38-Sr-84

MAT 3825

(n,n') He-3

38-Sr-84

Radionuclide Production Cross Section



120

Incident Energy (MeV)

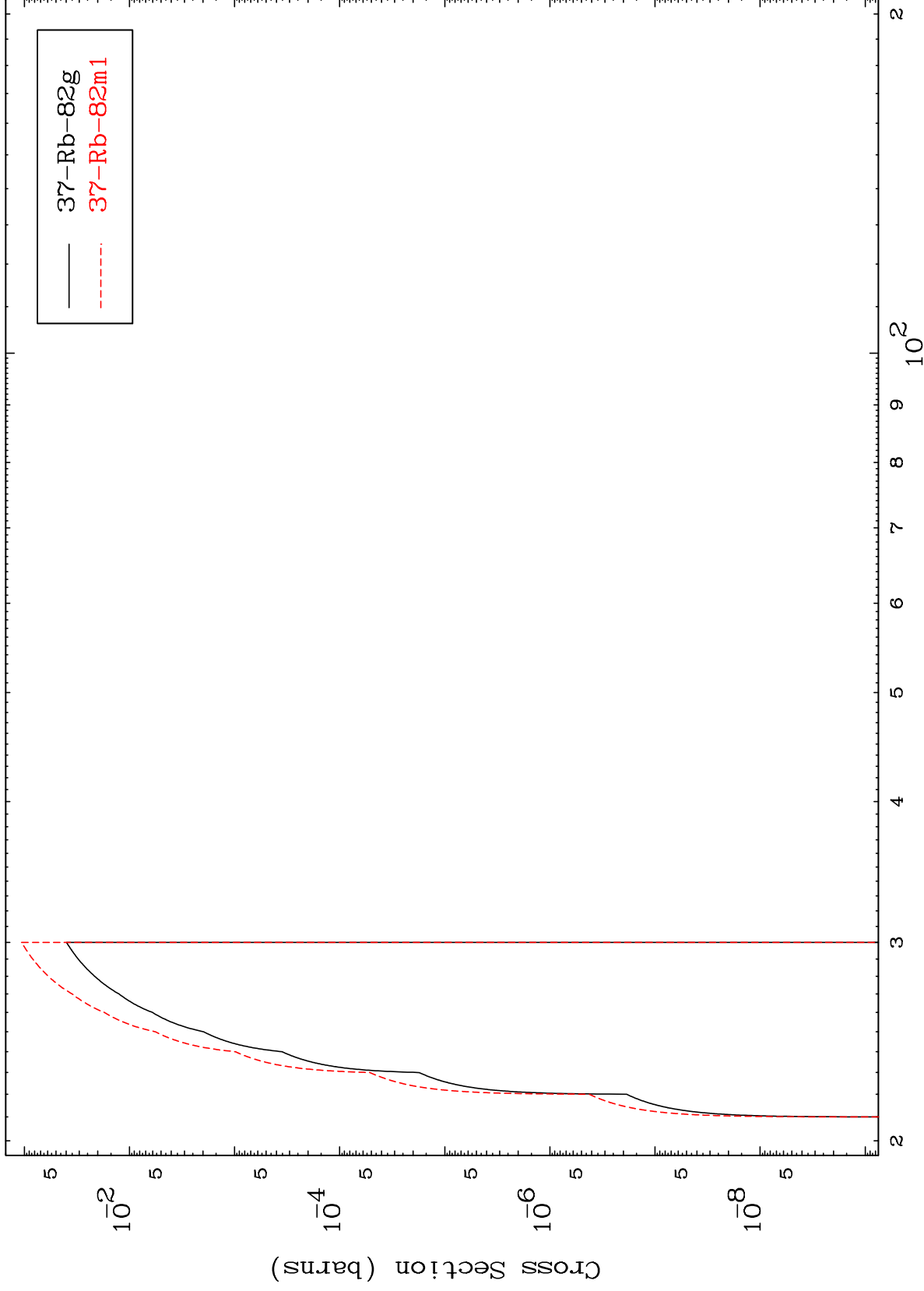
38-Sr-84

MAT 3825

(n,2n) p

38-Sr-84

Radionuclide Production Cross Section



121

Incident Energy (MeV)

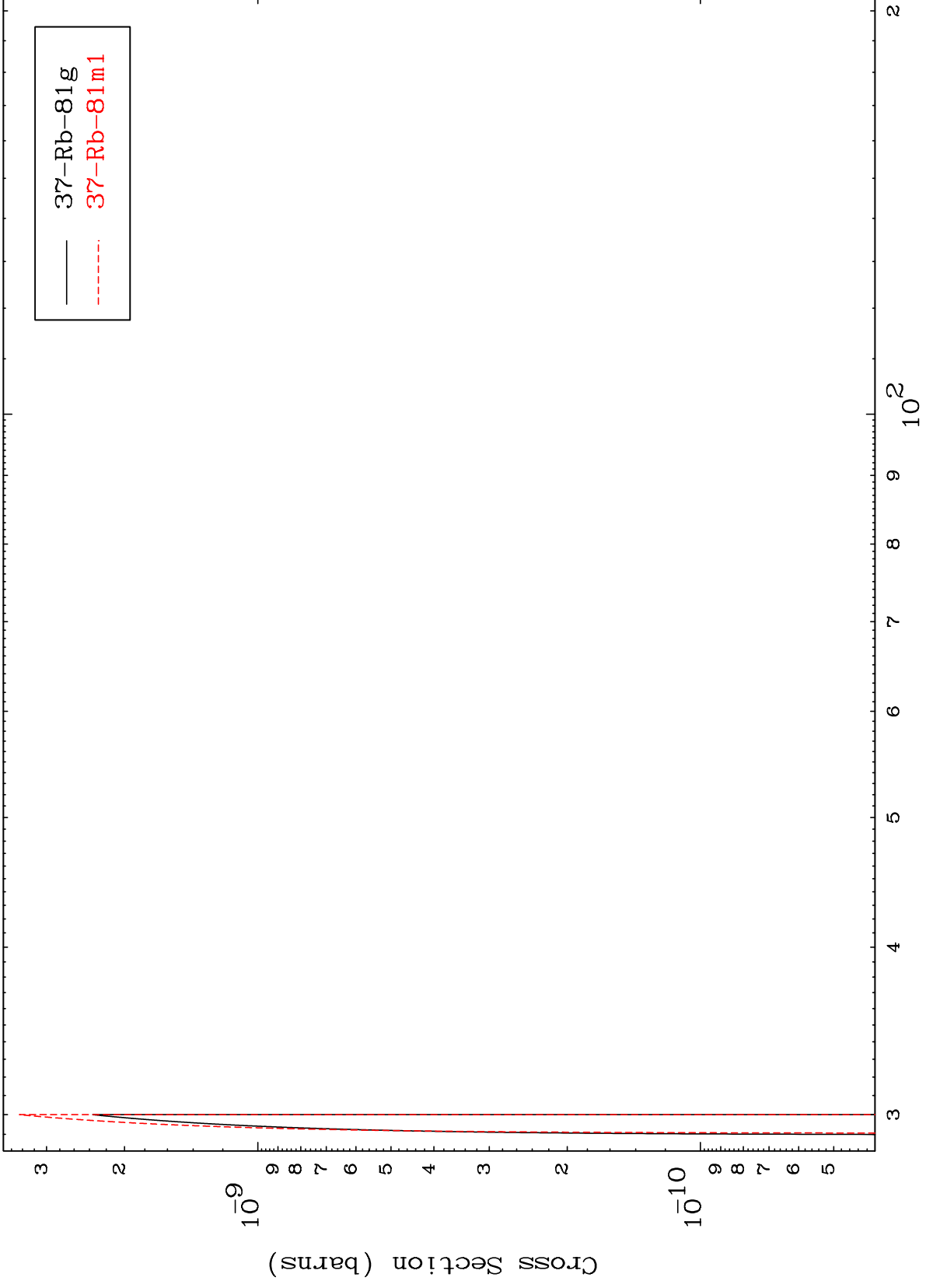
38-Sr-84

MAT 3825

(n,3n) p

38-Sr-84

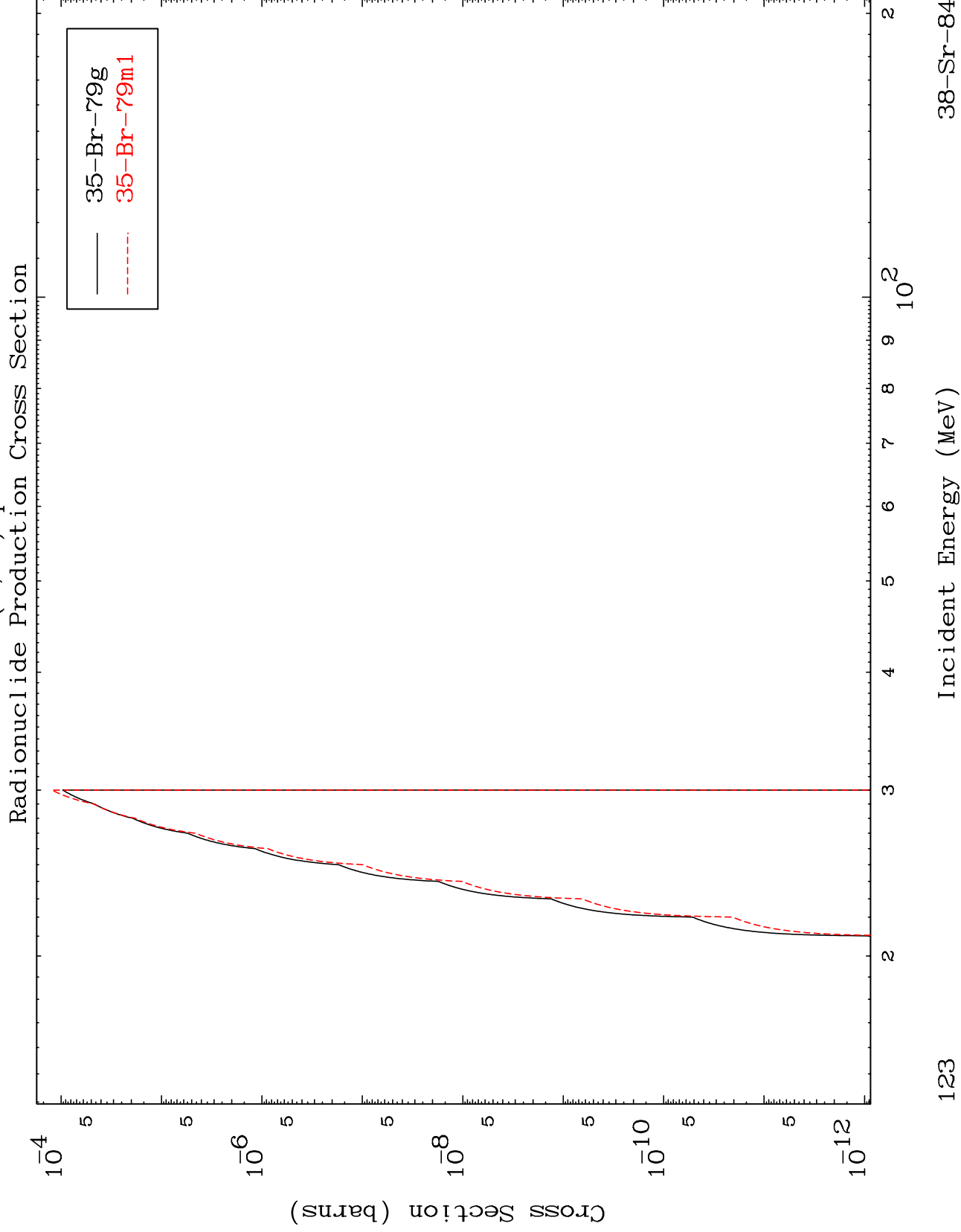
Radionuclide Production Cross Section



122

Incident Energy (MeV)

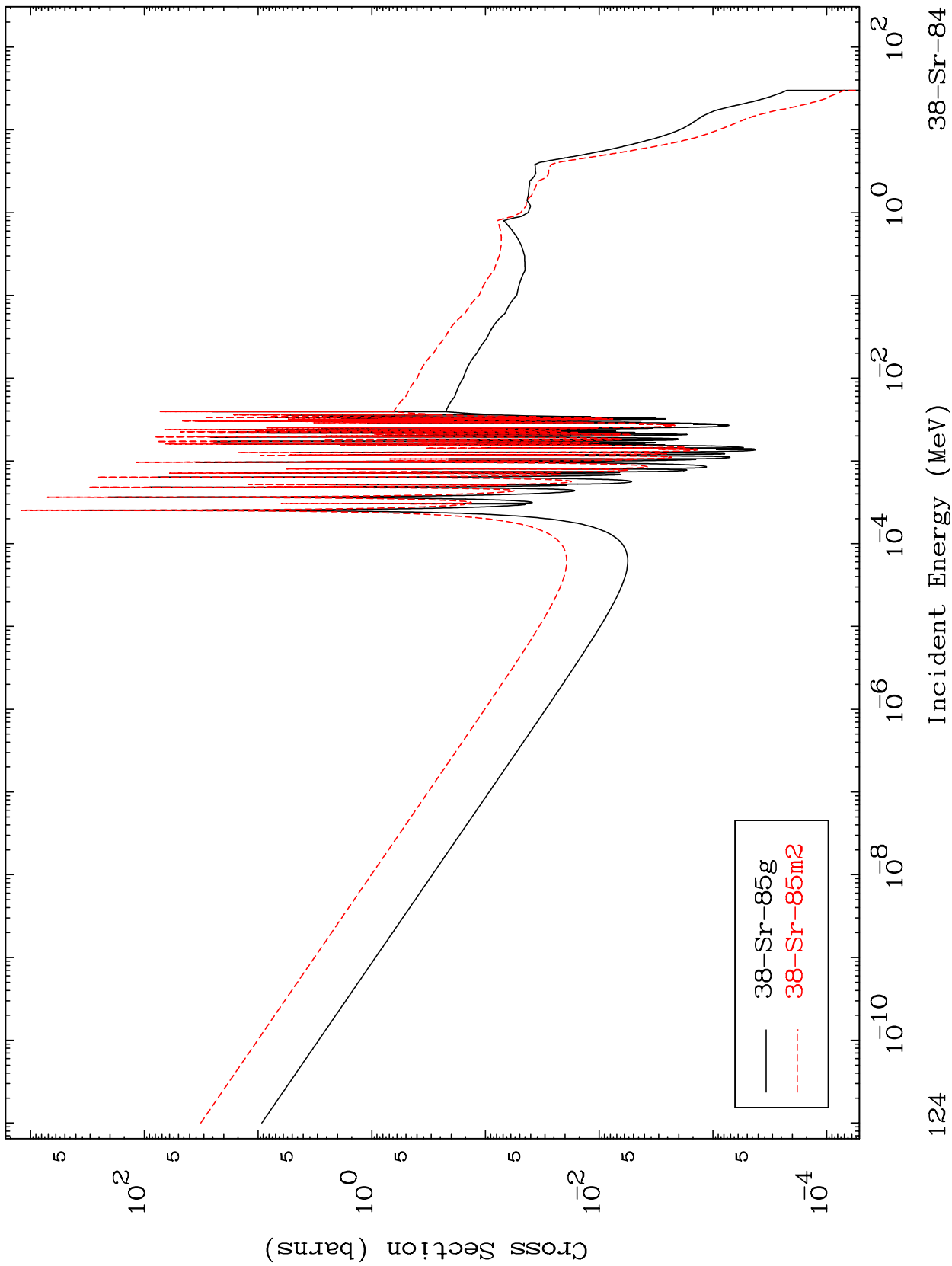
38-Sr-84



MAT 3825

38-Sr-84

(n, γ)
Radionuclide Production Cross Section



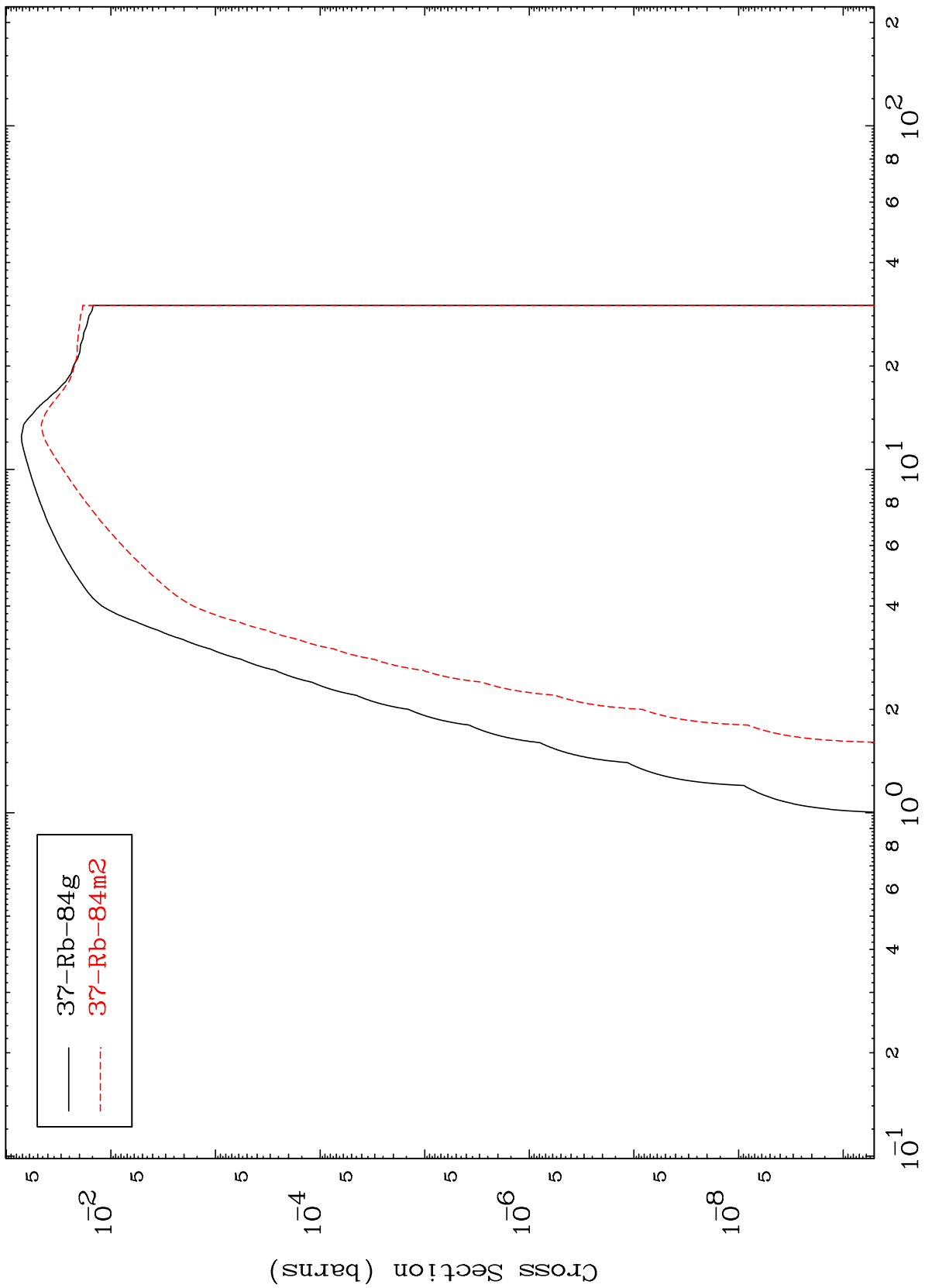
124

38-Sr-84

MAT 3825

38-Sr-84

(n,p)
Radionuclide Production Cross Section



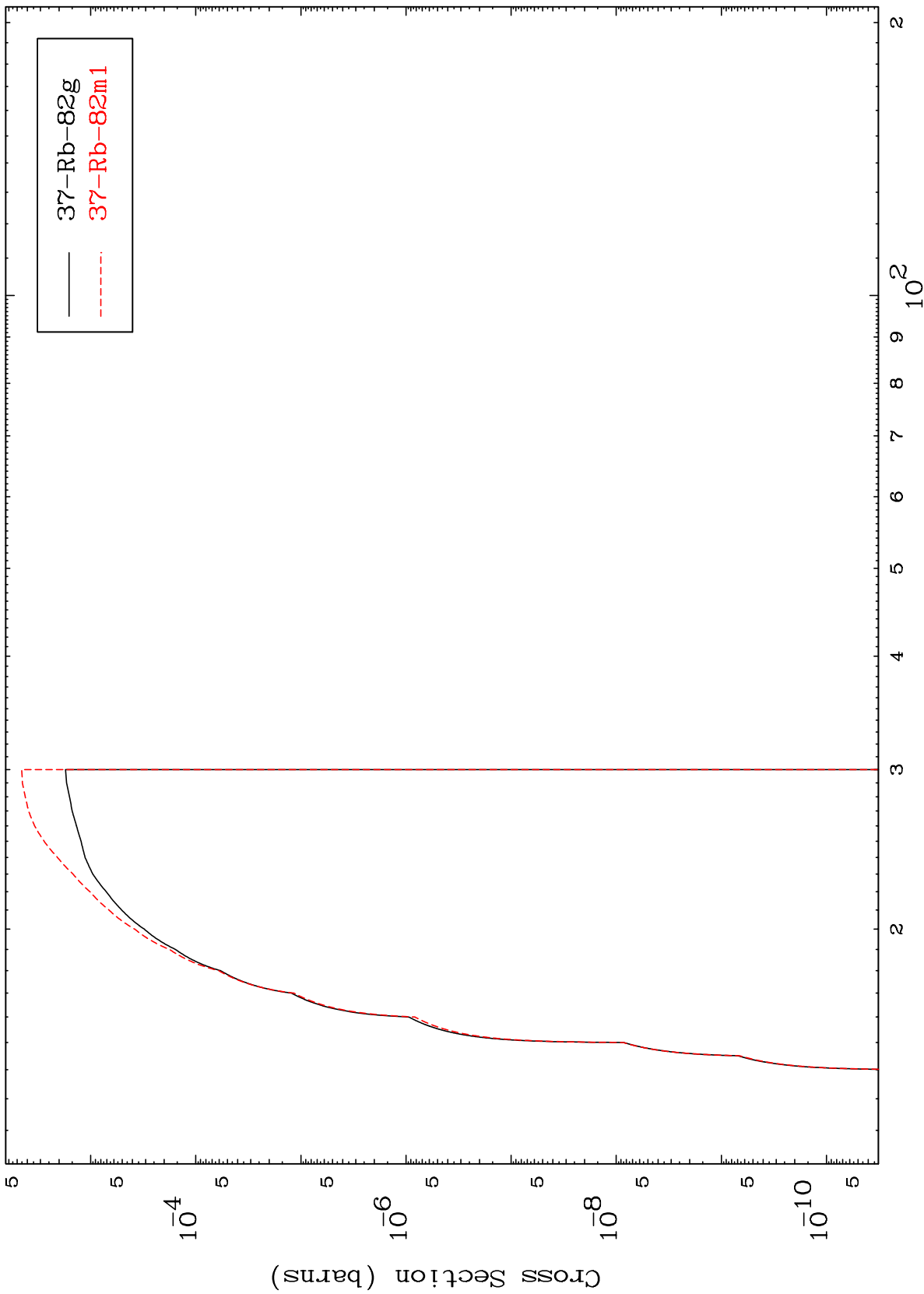
— 37-Rb-84g
- - - 37-Rb-84m2

38-Sr-84

Incident Energy (MeV)

125

(n,t)
Radionuclide Production Cross Section

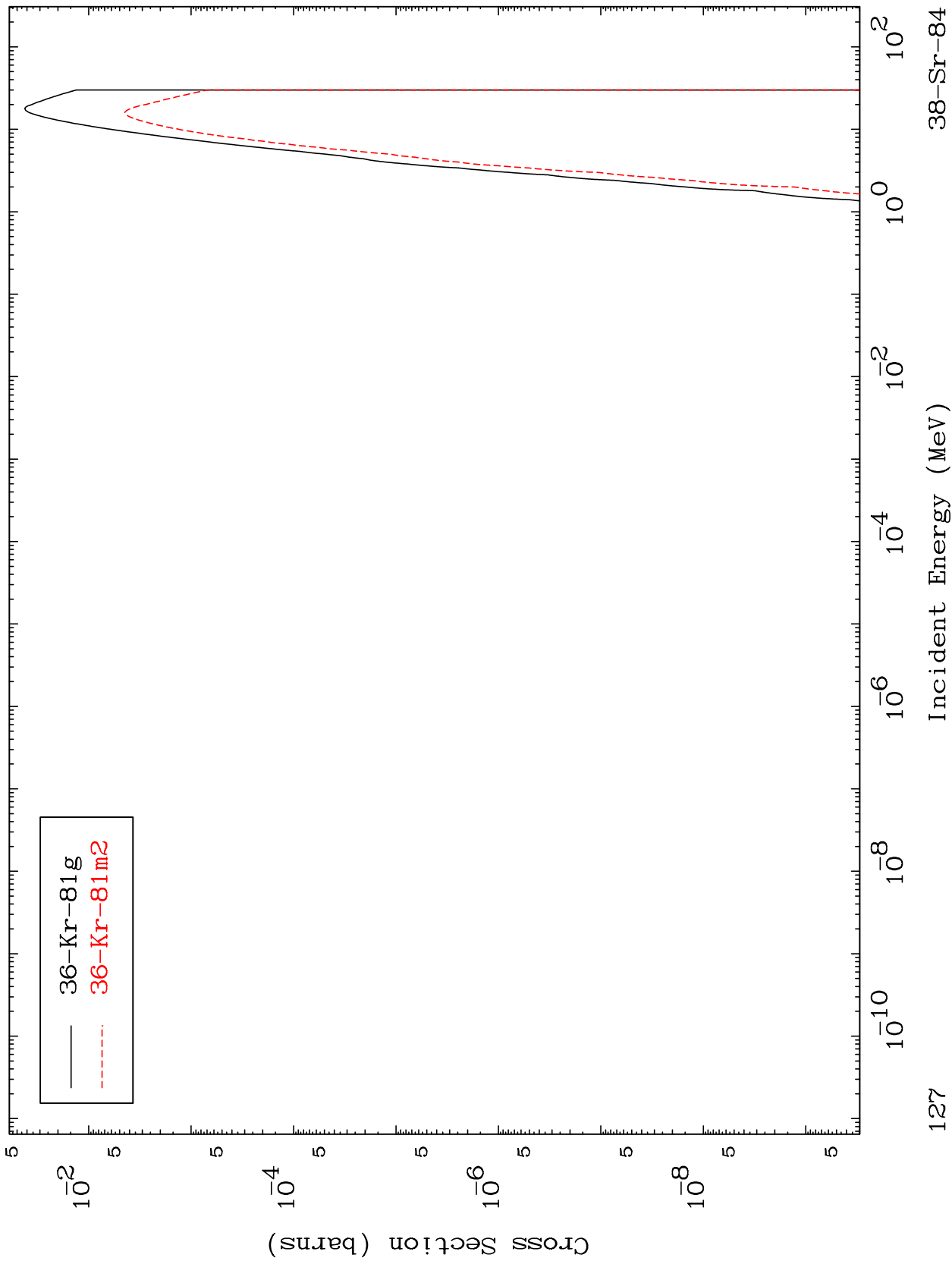


MAT 3825

(n, α)

³⁸Sr-84

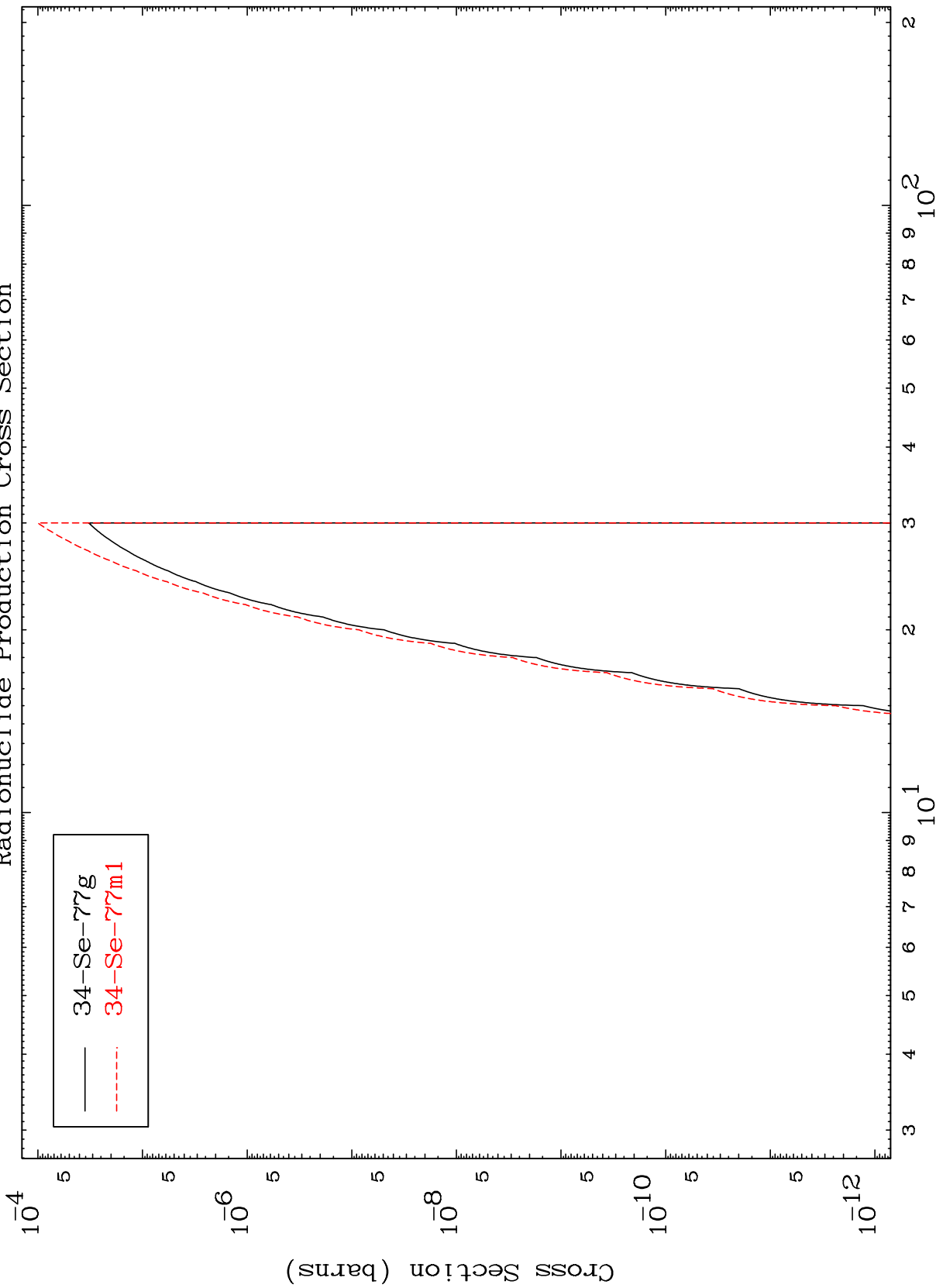
Radionuclide Production Cross Section



MAT 3825

38-Sr-84

(n,2α)
Radionuclide Production Cross Section



— 34-Se-77g
- - - 34-Se-77m1

128

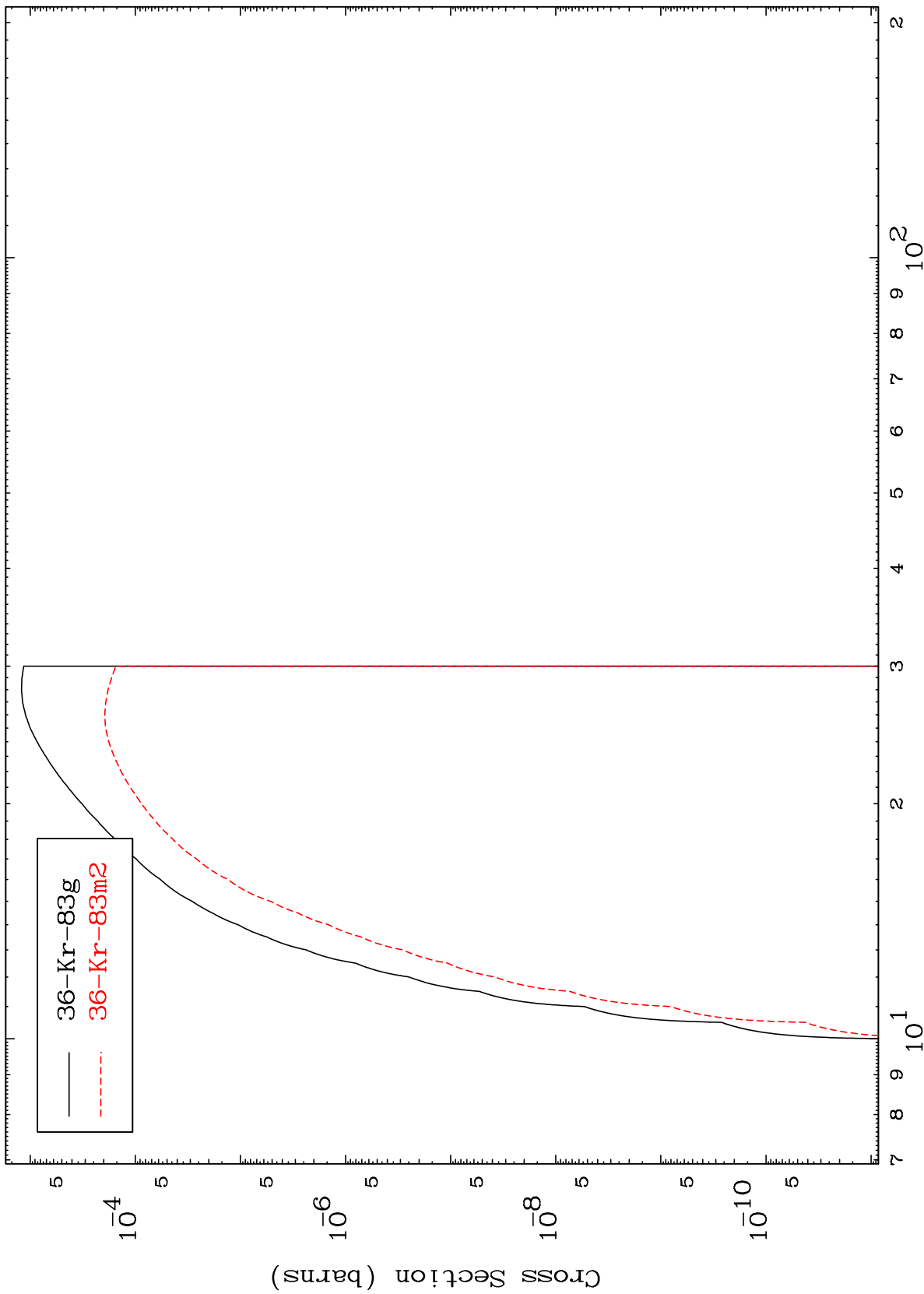
Incident Energy (MeV)

38-Sr-84

MAT 3825

38-Sr-84

(n,2p)
Radionuclide Production Cross Section



36-Kr-83g
36-Kr-83m2

129

Incident Energy (MeV)

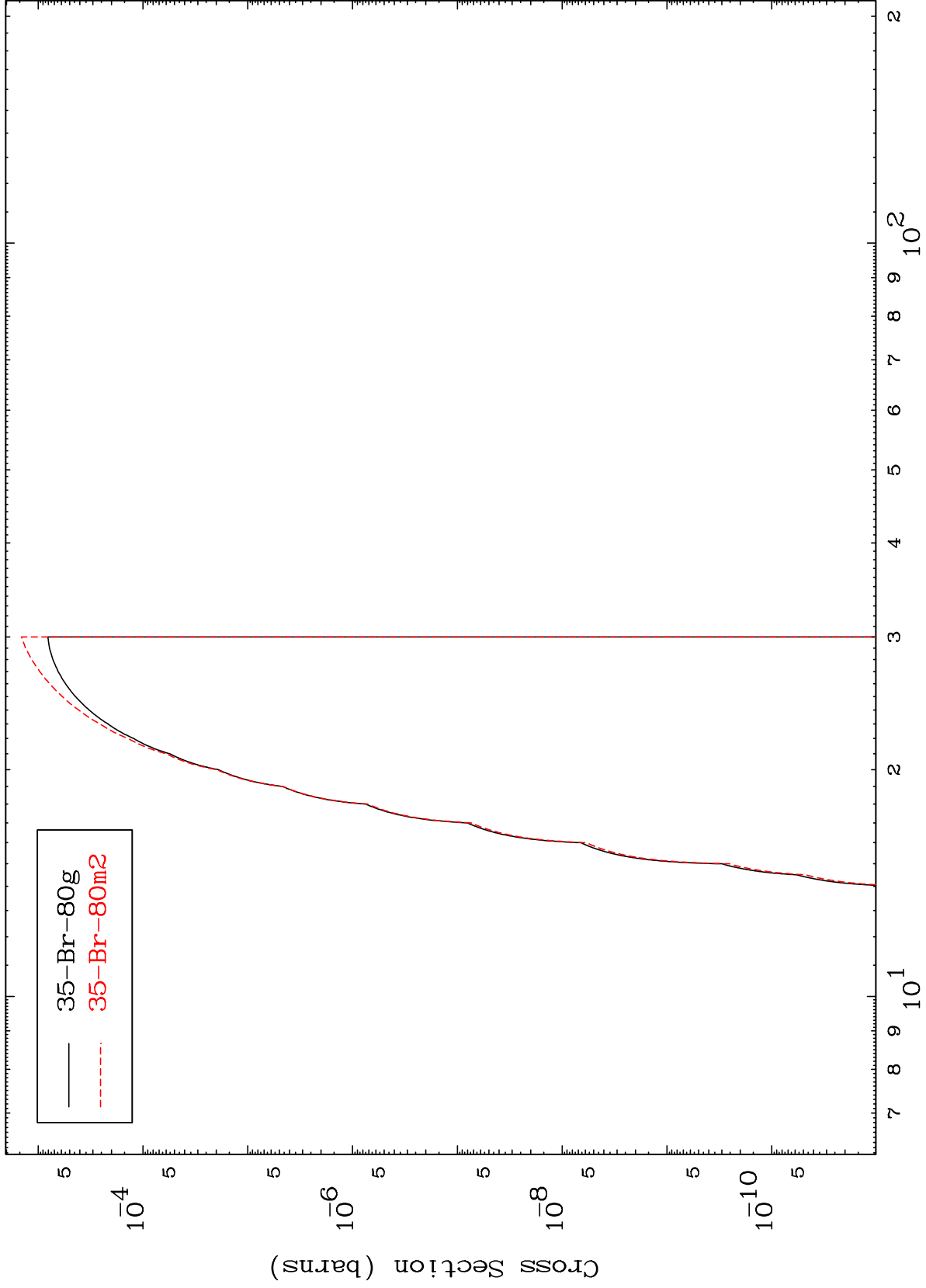
38-Sr-84

MAT 3825

$(n,p) \alpha$

$^{38}\text{Sr-84}$

Radionuclide Production Cross Section



130

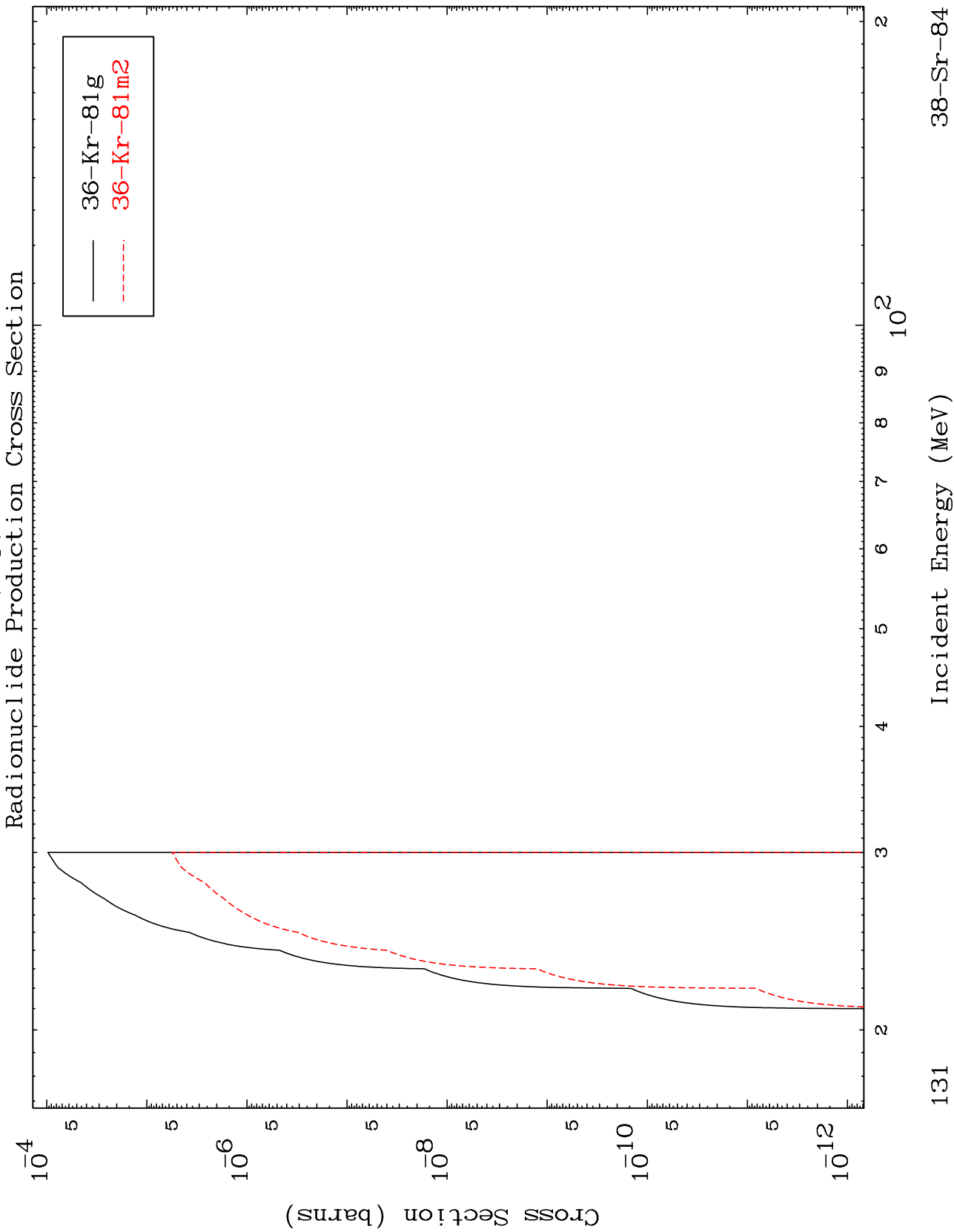
Incident Energy (MeV)

$^{38}\text{Sr-84}$

MAT 3825

(n,p) t

38-Sr-84



131

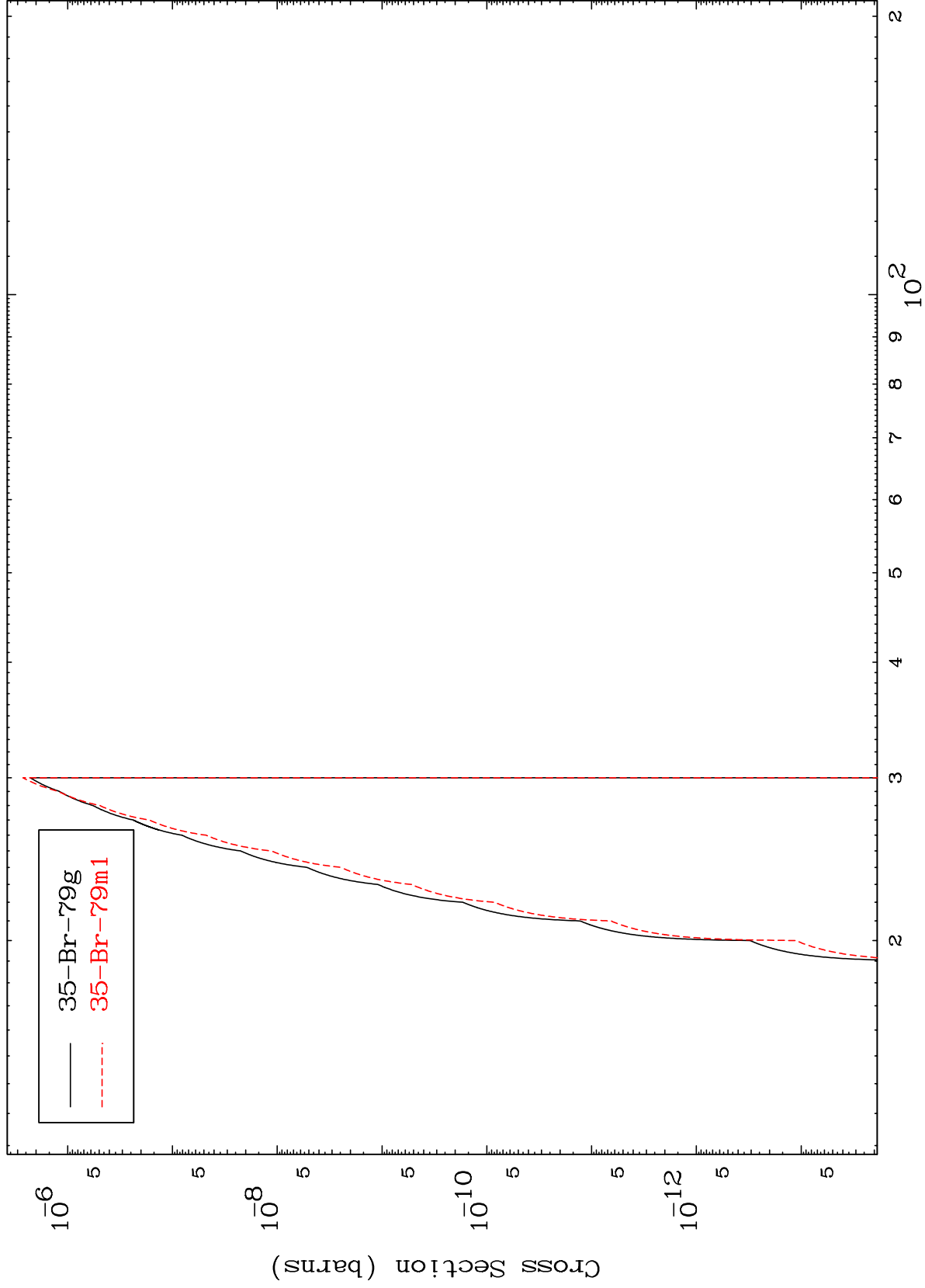
38-Sr-84

MAT 3825

(n,d) α

38-Sr-84

Radionuclide Production Cross Section



132

Incident Energy (MeV)

38-Sr-84