

Program EVALPLOT
(Version 2017-1)

by

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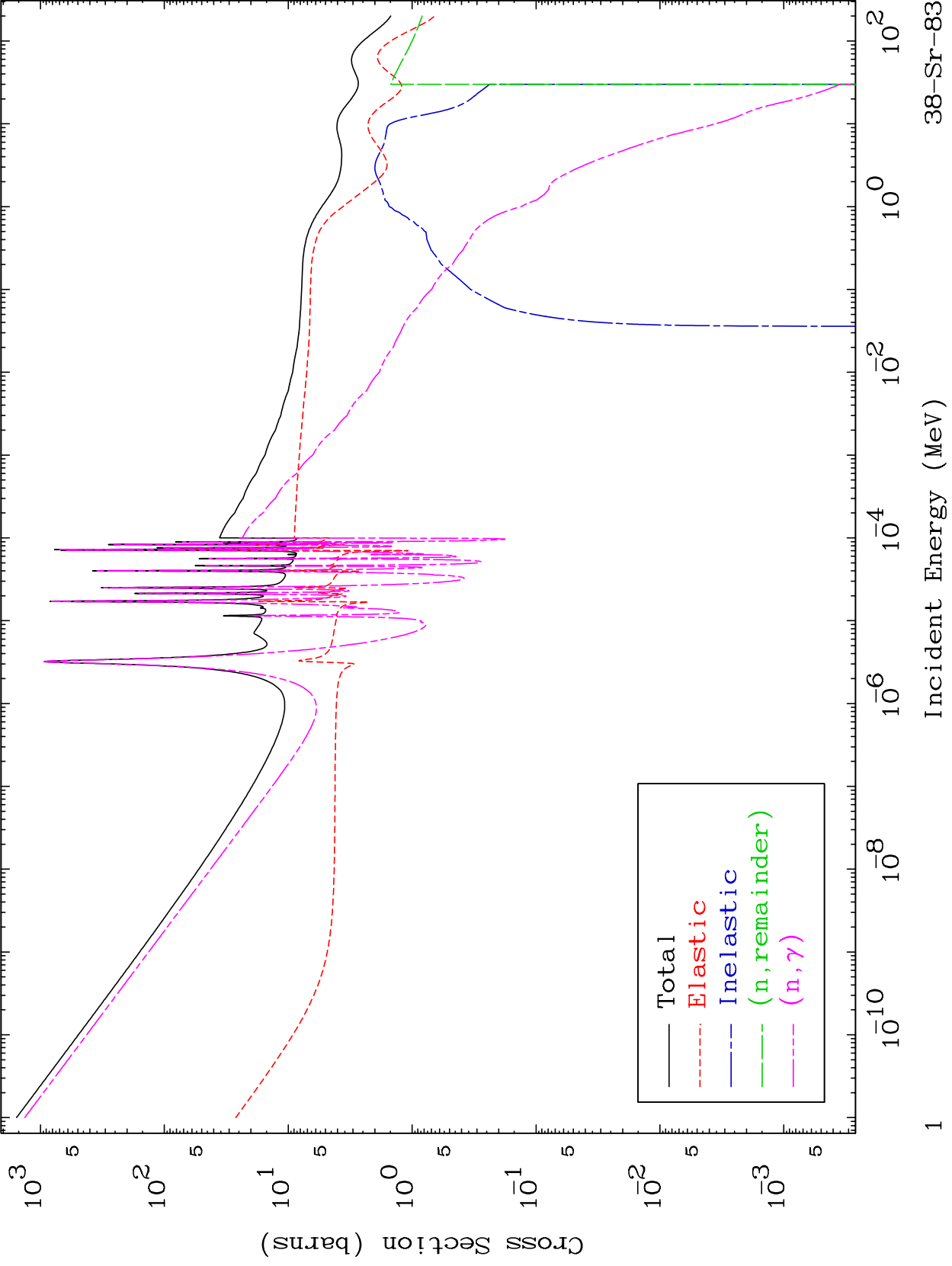
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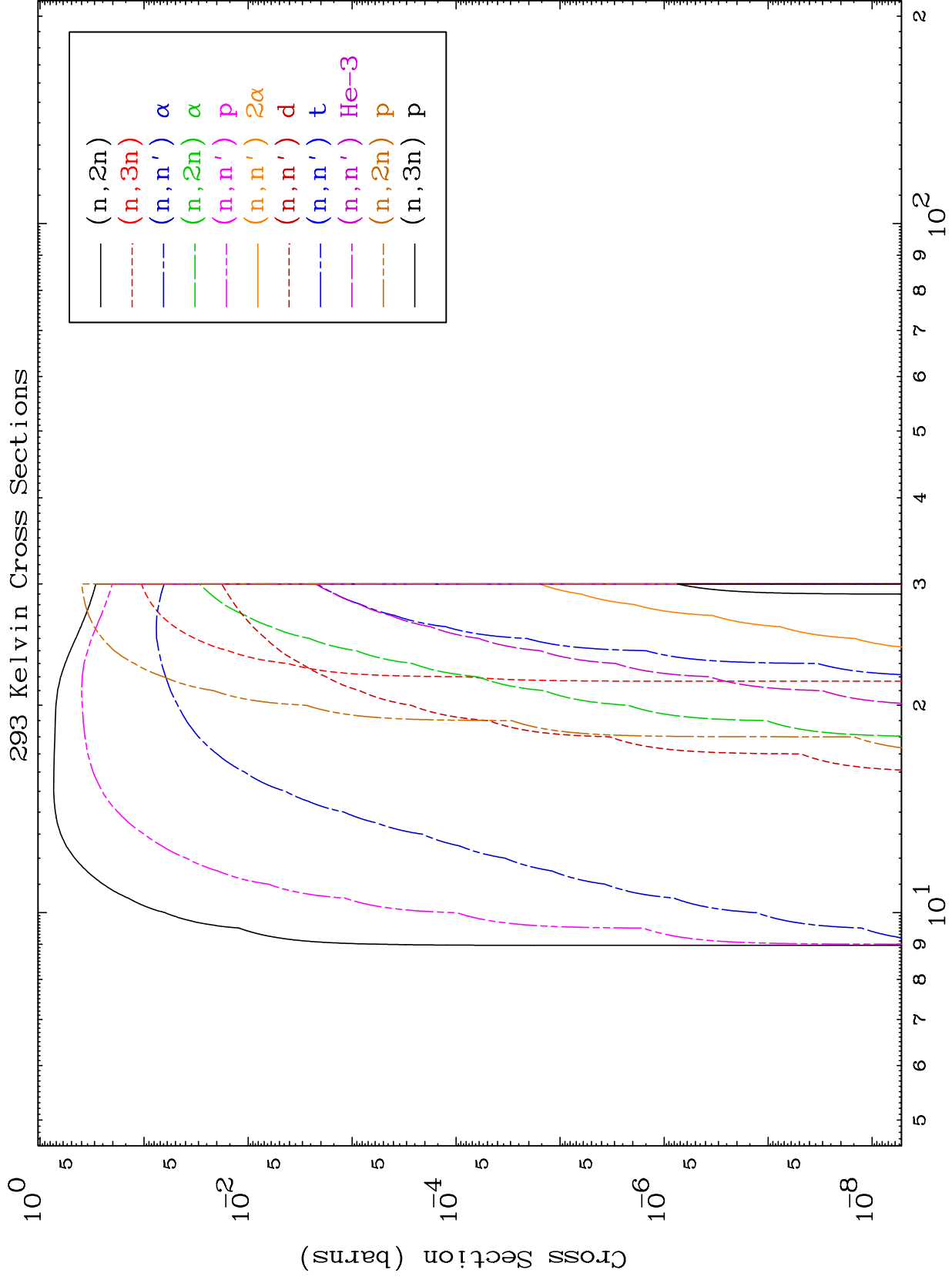
Press Mouse Button to Start

MAT 3822

Major
293 Kelvin Cross Sections

38-Sr-83

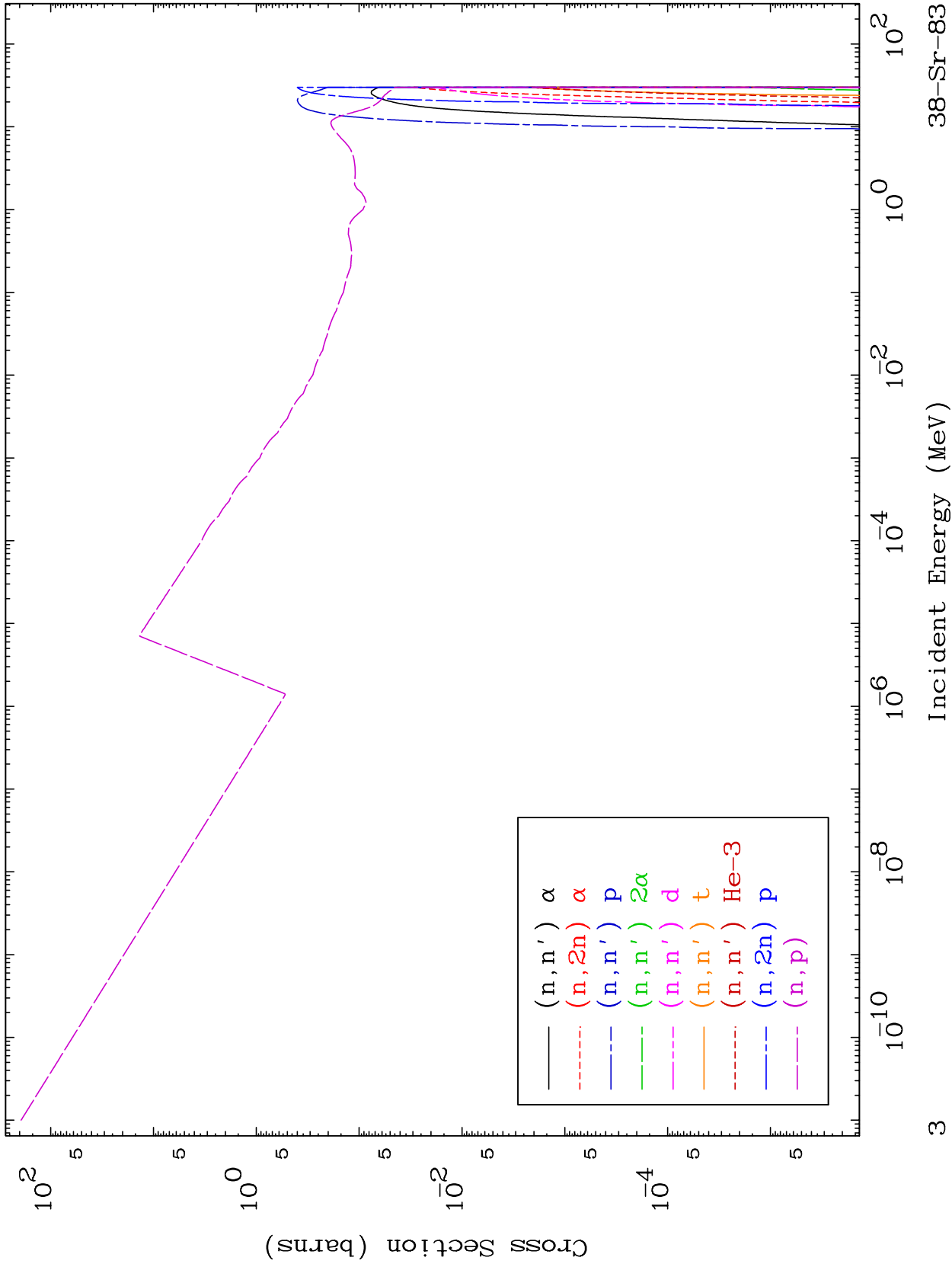




MAT 38222

Charged Particle
293 Kelvin Cross Sections

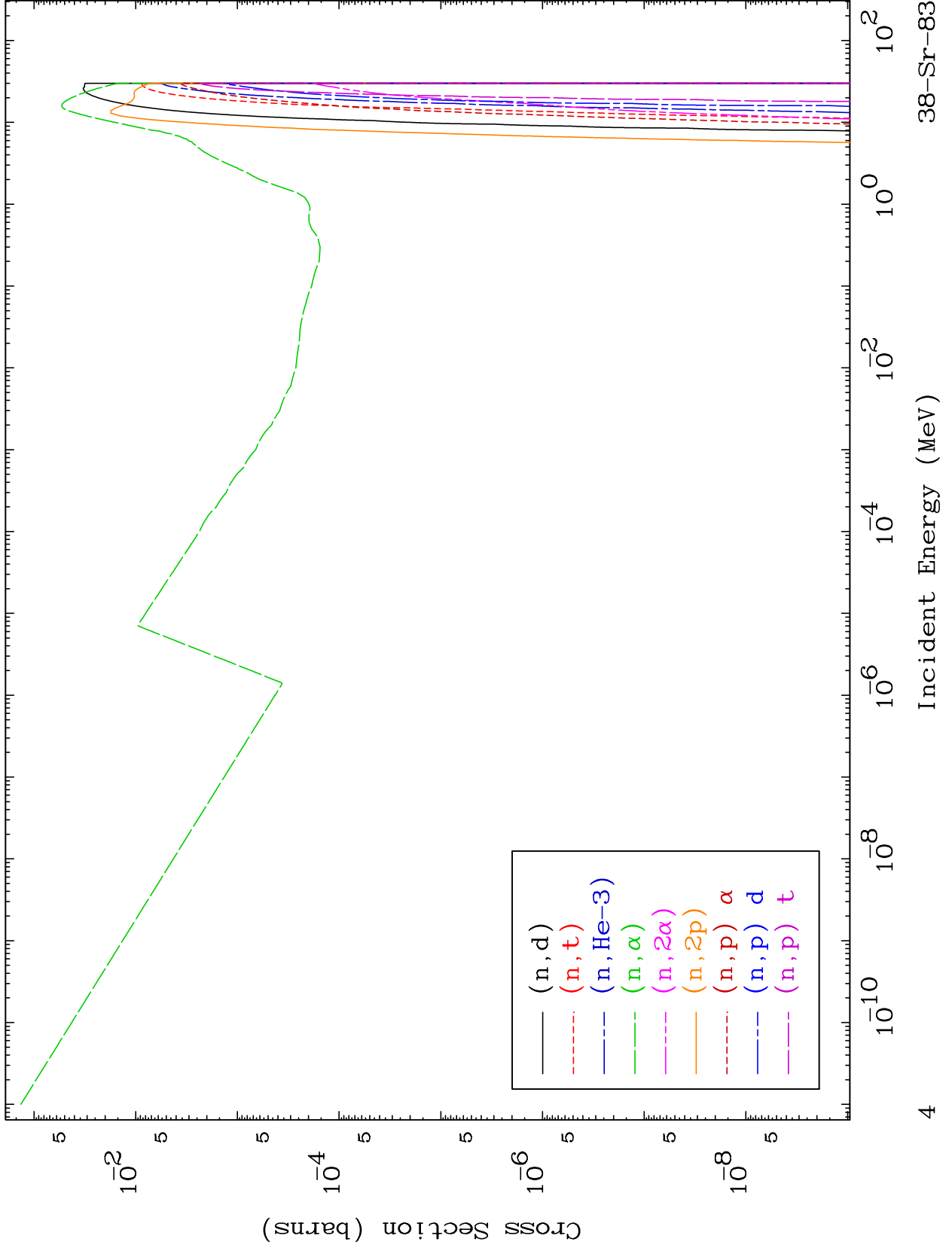
38-Sr-83

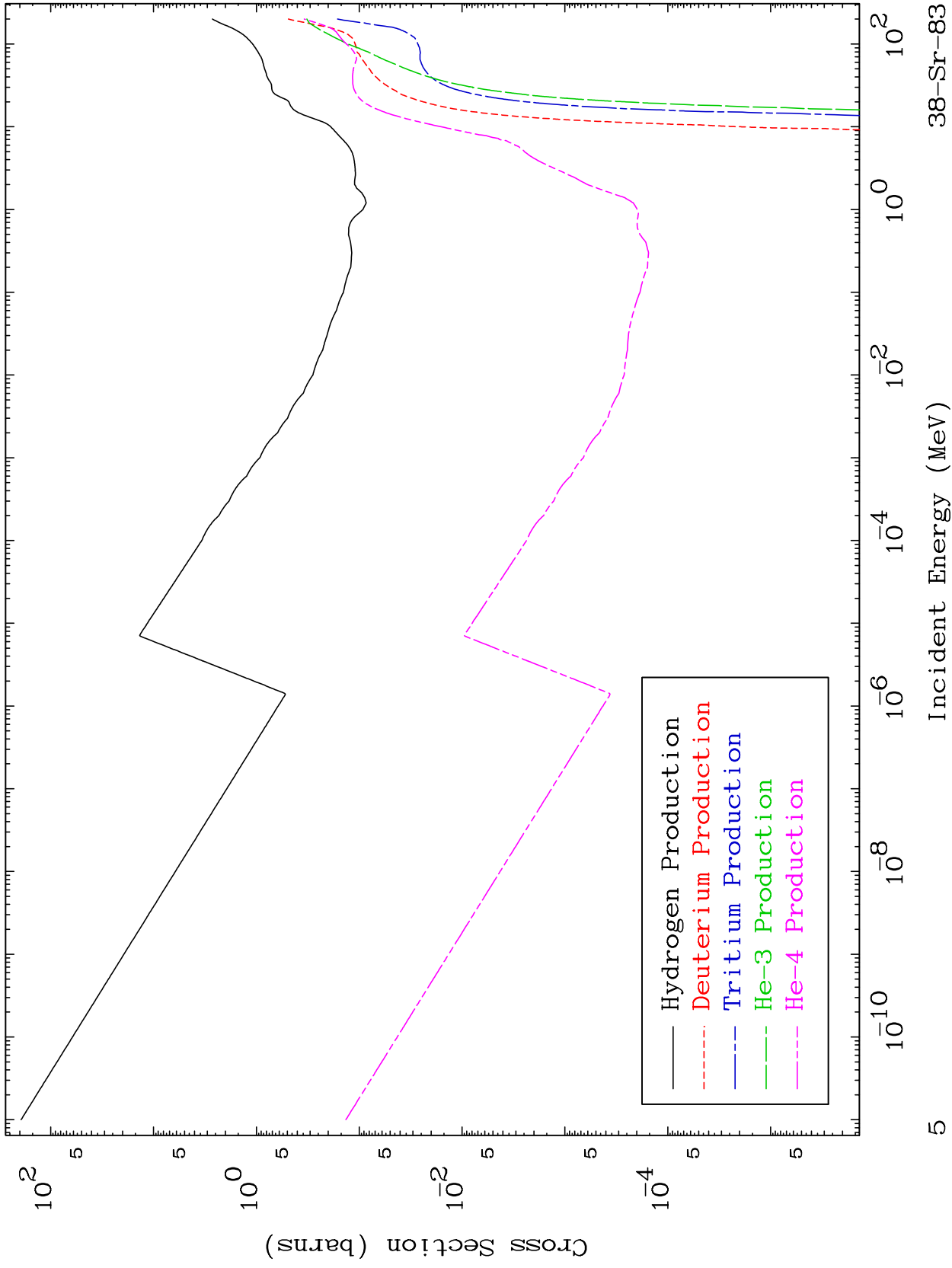


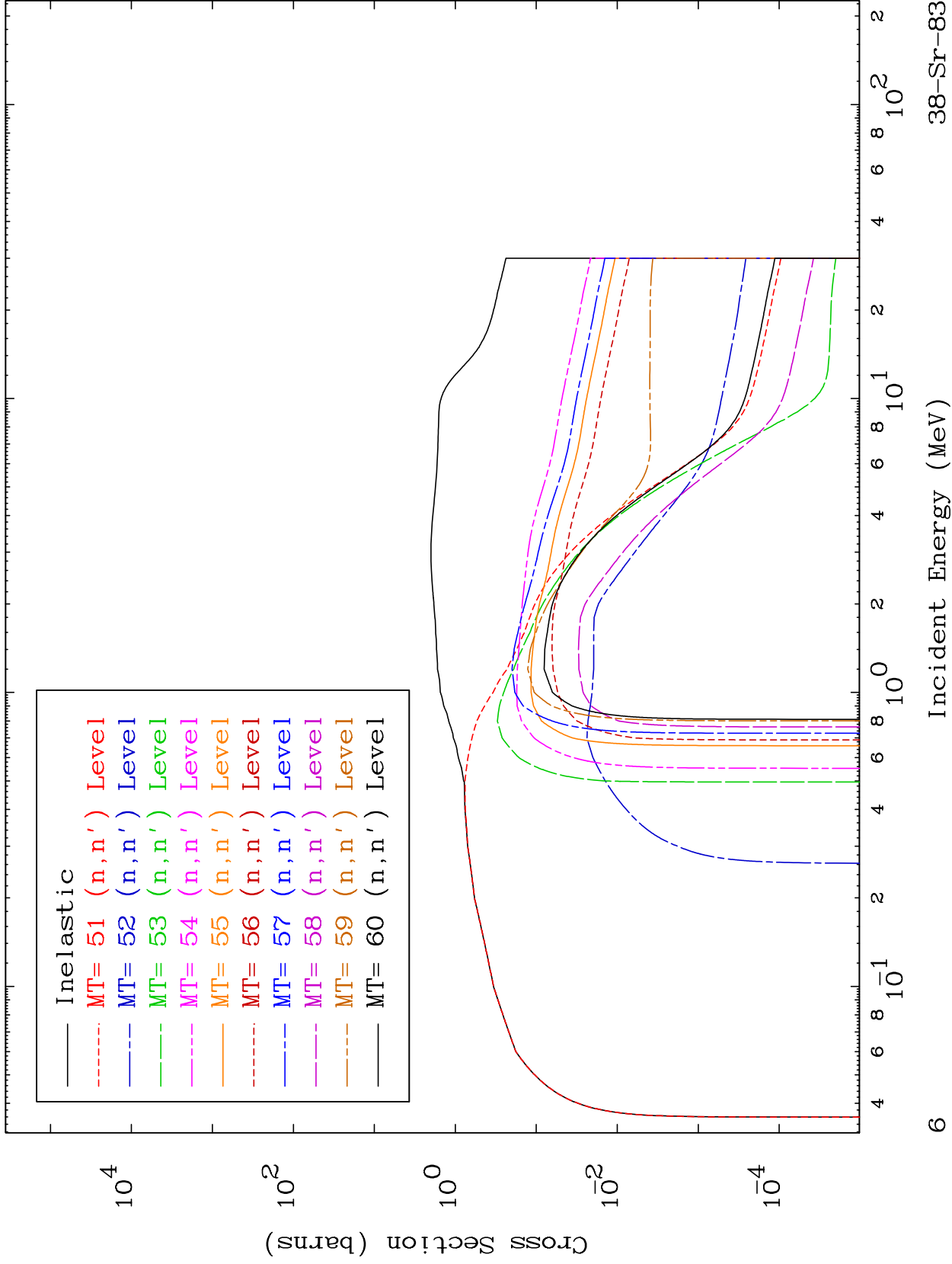
MAT 3822

Charged Particle
293 Kelvin Cross Sections

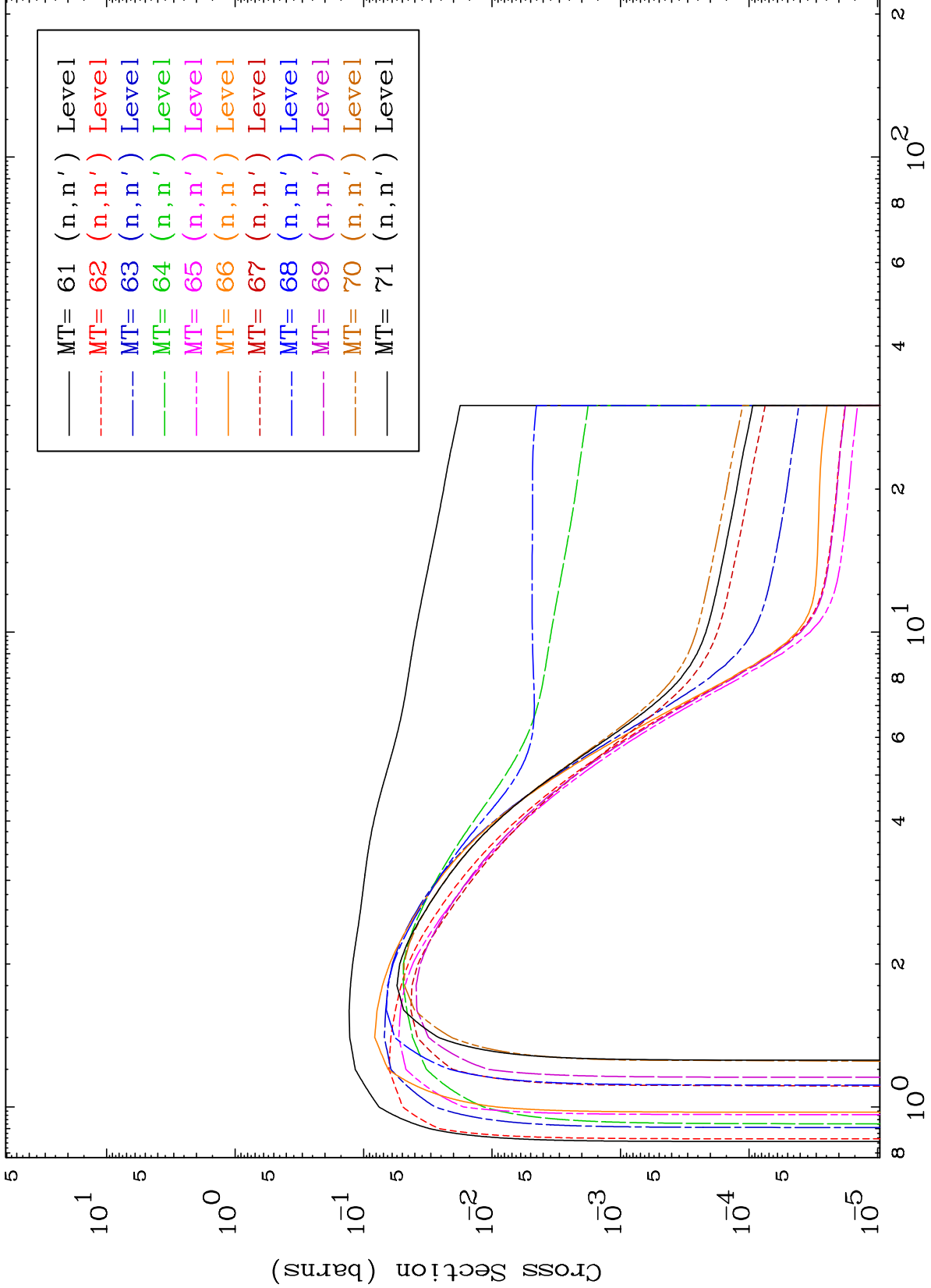
38-Sr-83



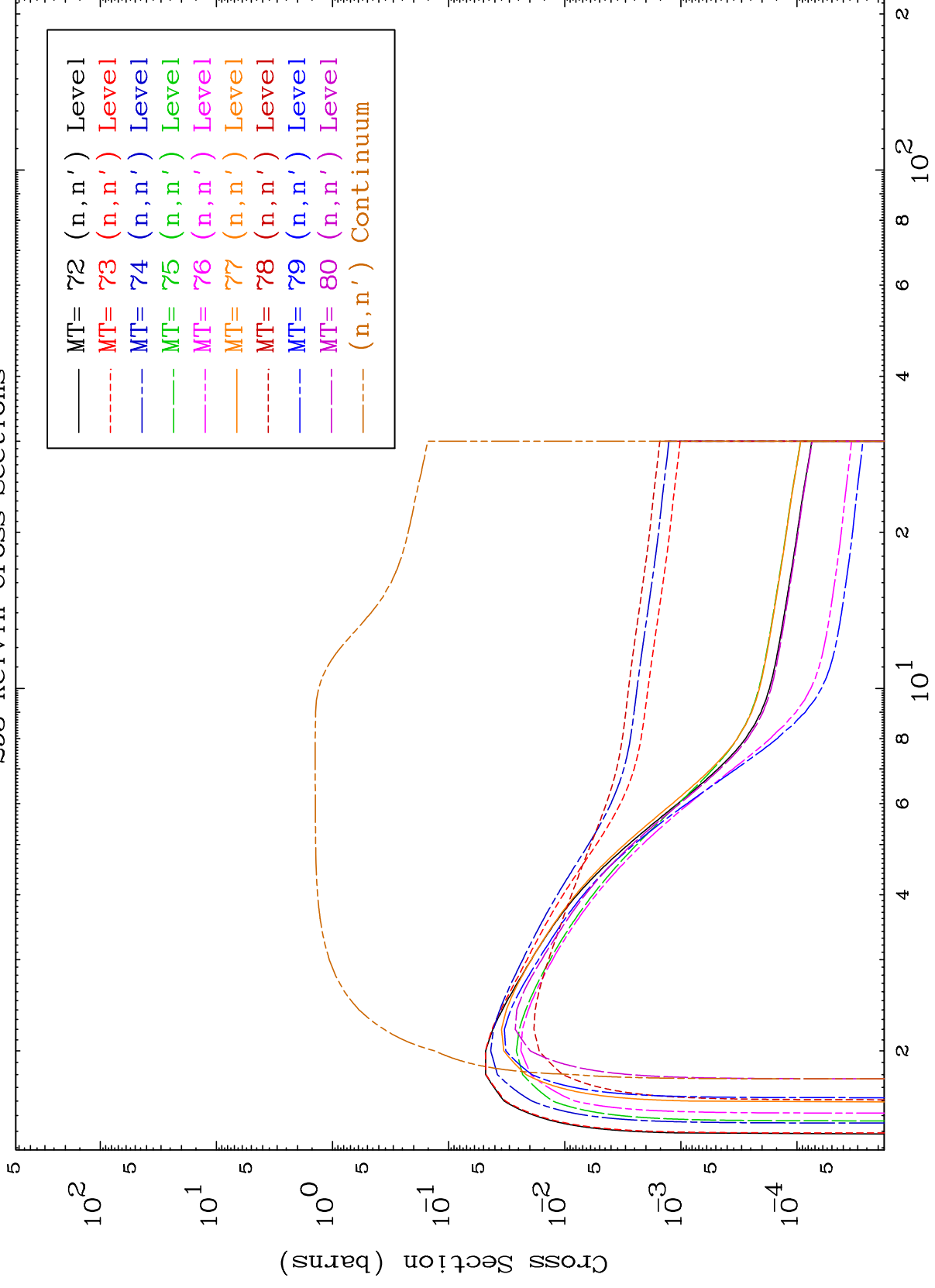




293 Kelvin Cross Sections



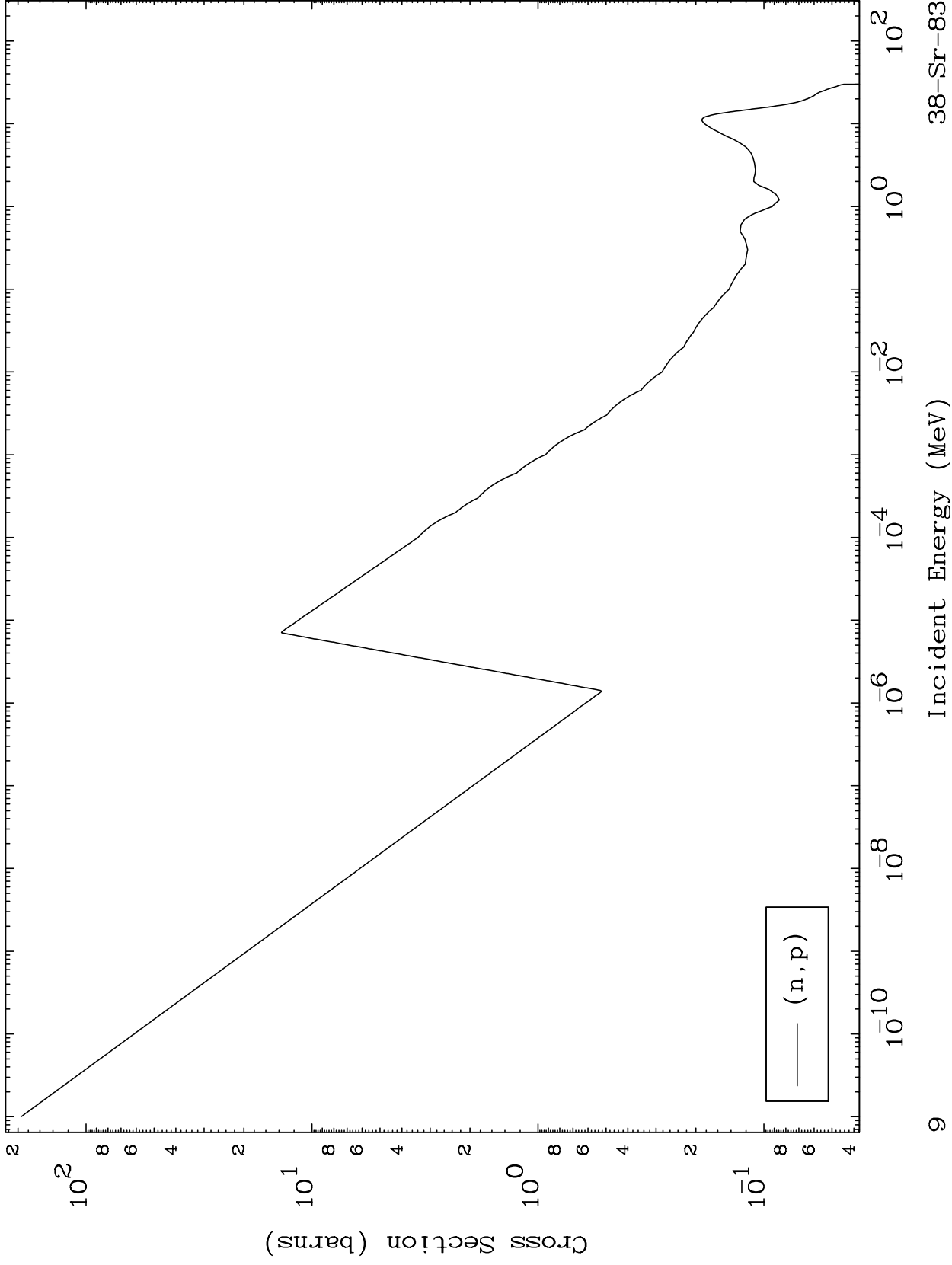
293 Kelvin Cross Sections



MAT 3822

(n,p) Levels
293 Kelvin Cross Sections

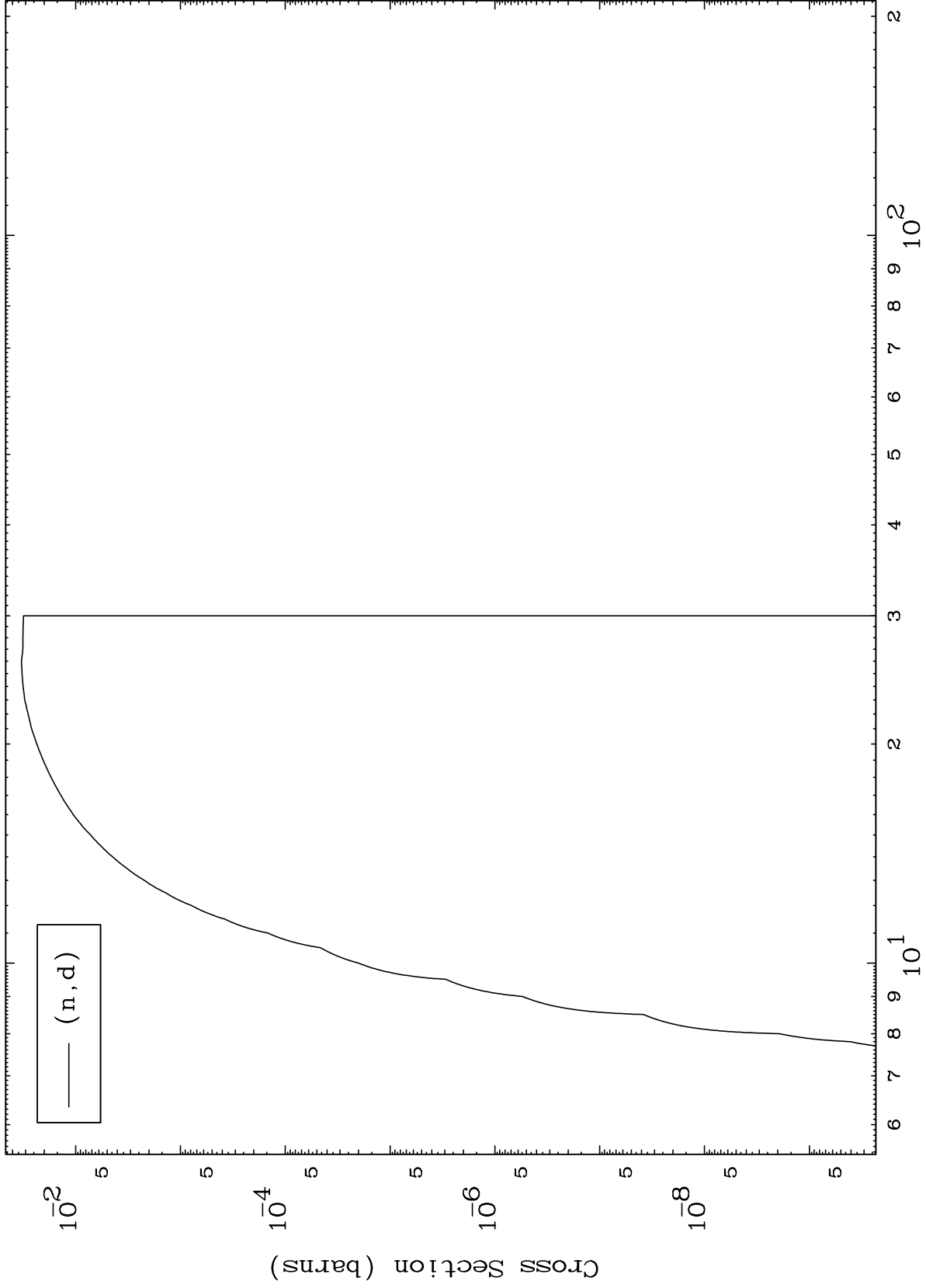
38-Sr-83



MAT 3822

(n,d) Levels
293 Kelvin Cross Sections

38-Sr-83



Incident Energy (MeV)

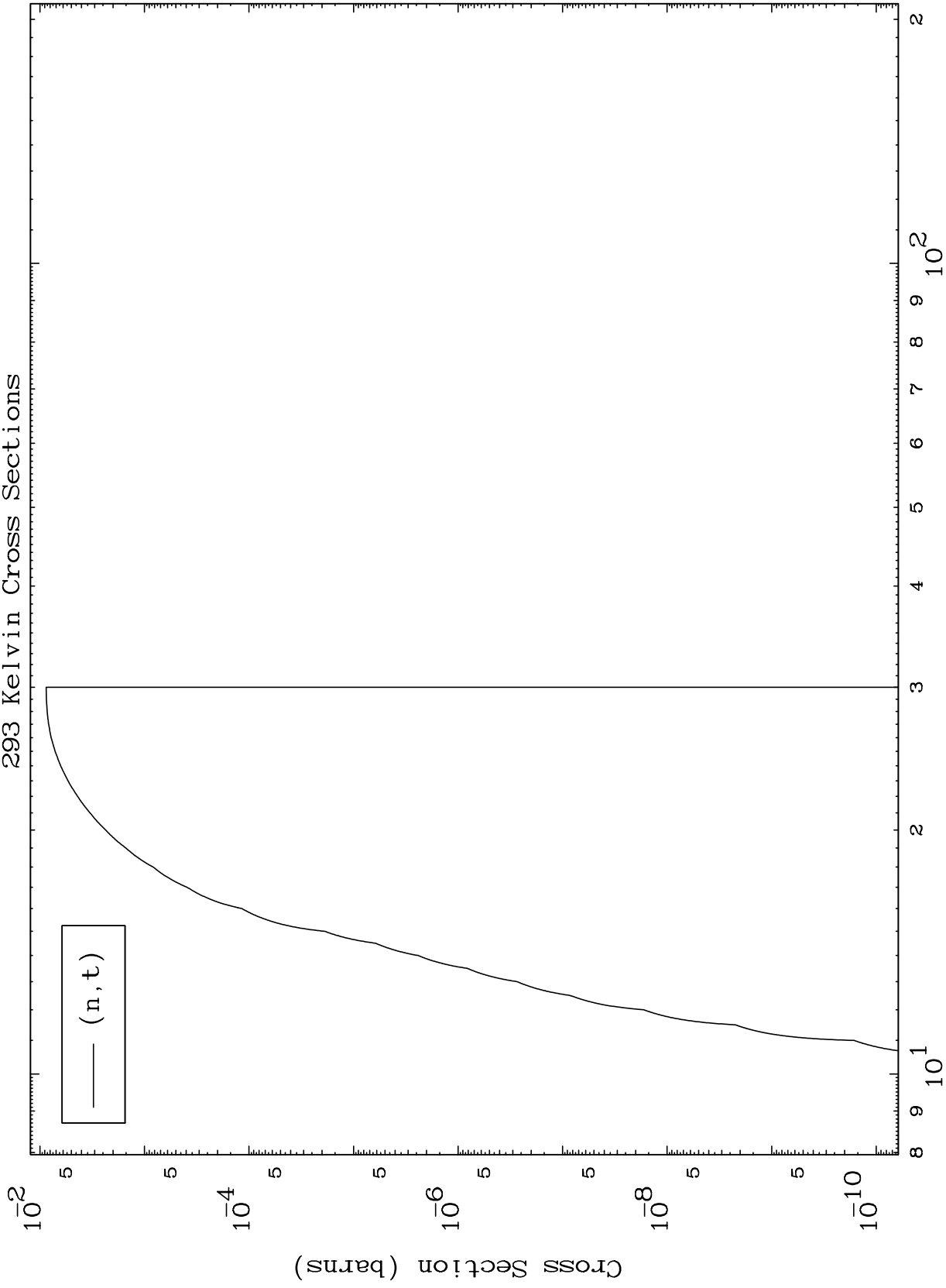
38-Sr-83

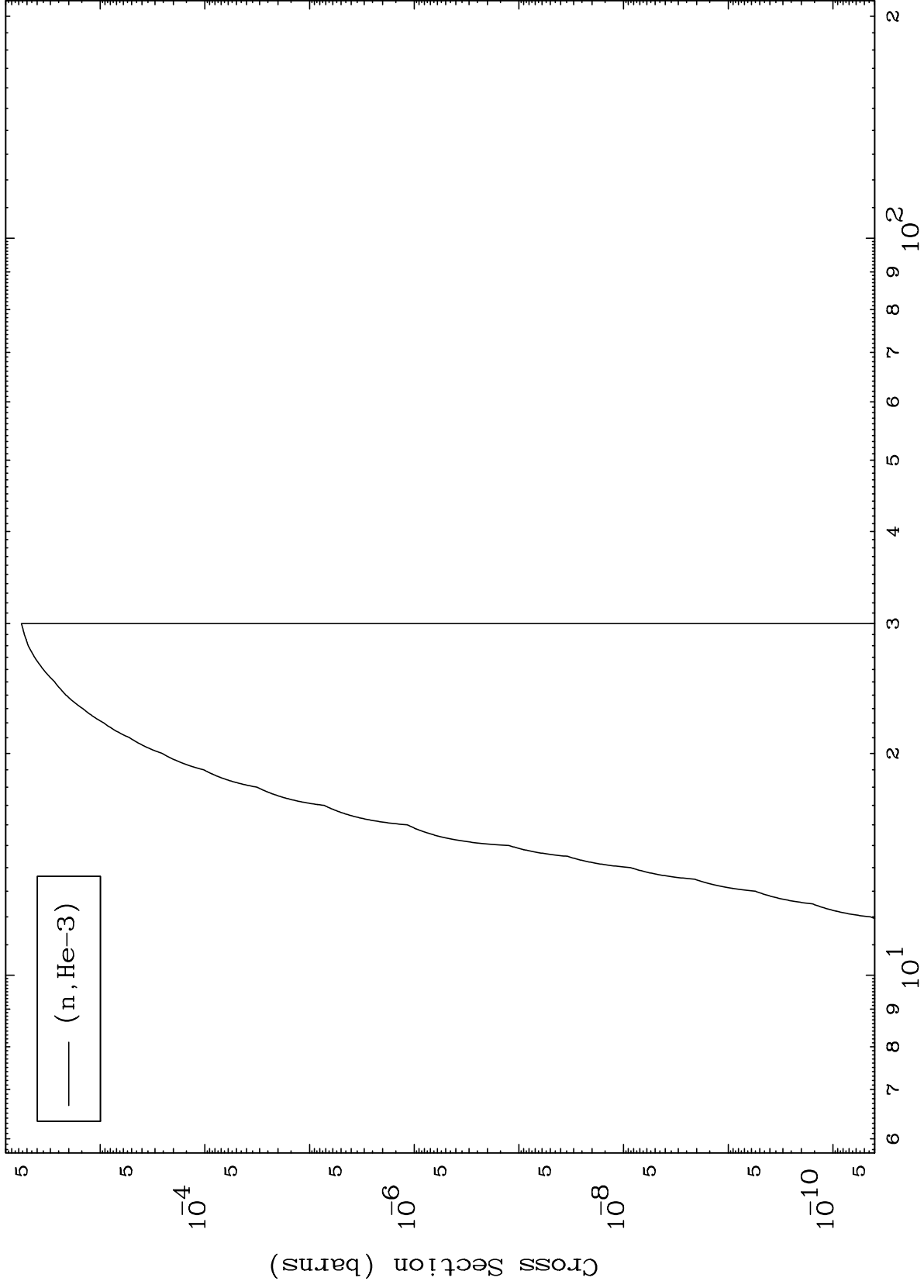
10

MAT 3822

(n,t) Levels
293 Kelvin Cross Sections

38-Sr-83

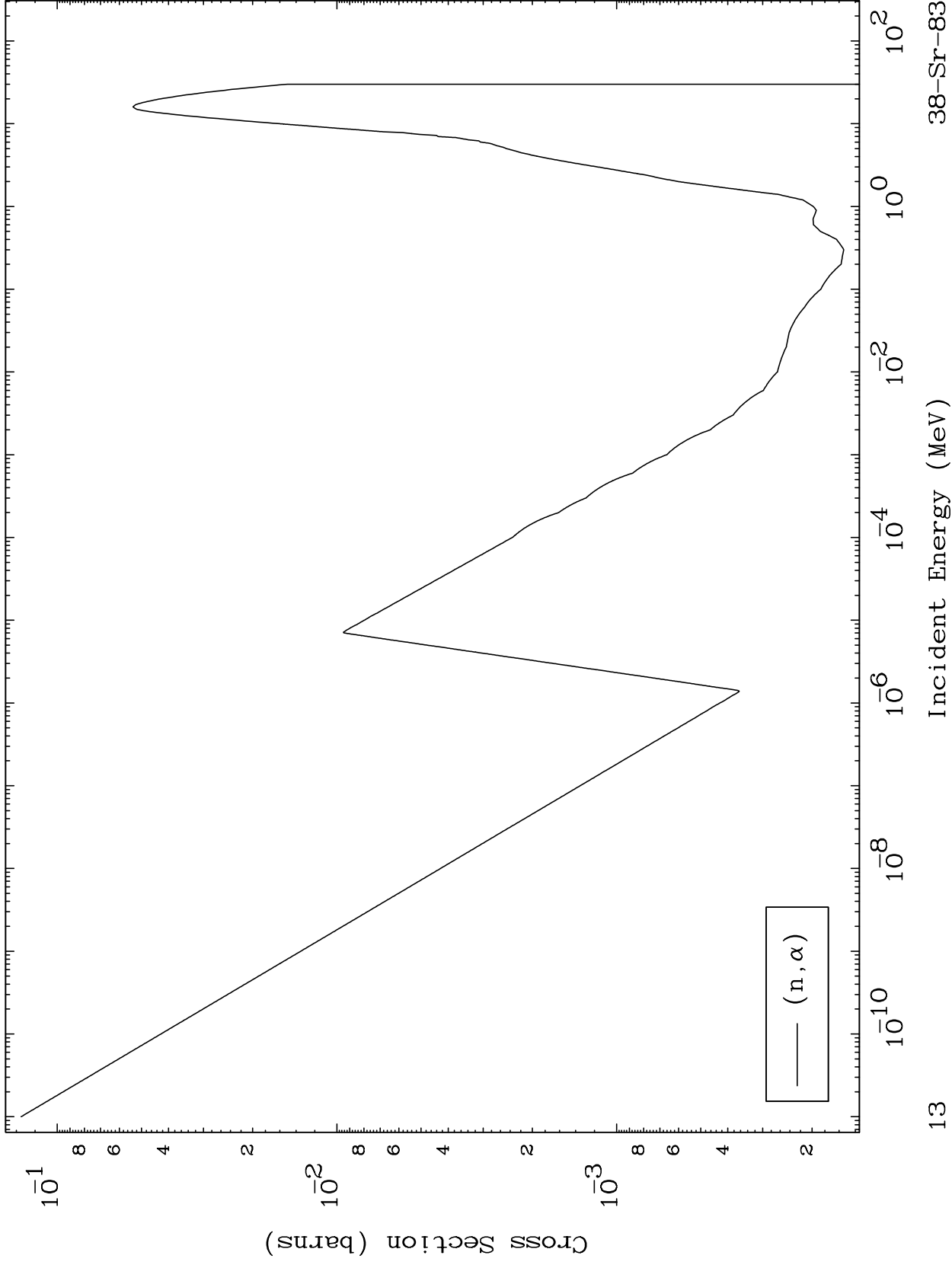




MAT 3822

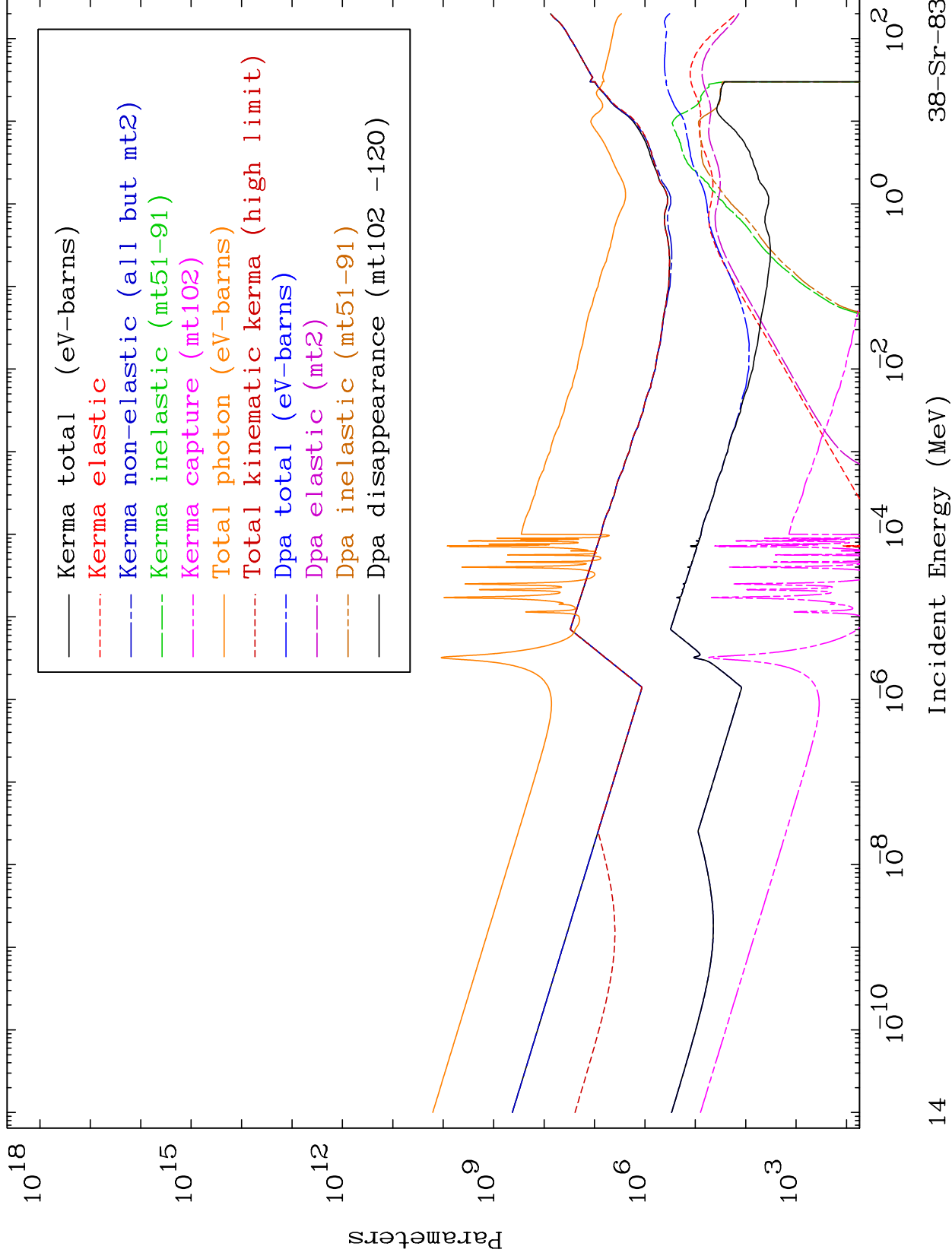
(n,α) Levels
293 Kelvin Cross Sections

38-Sr-83



13

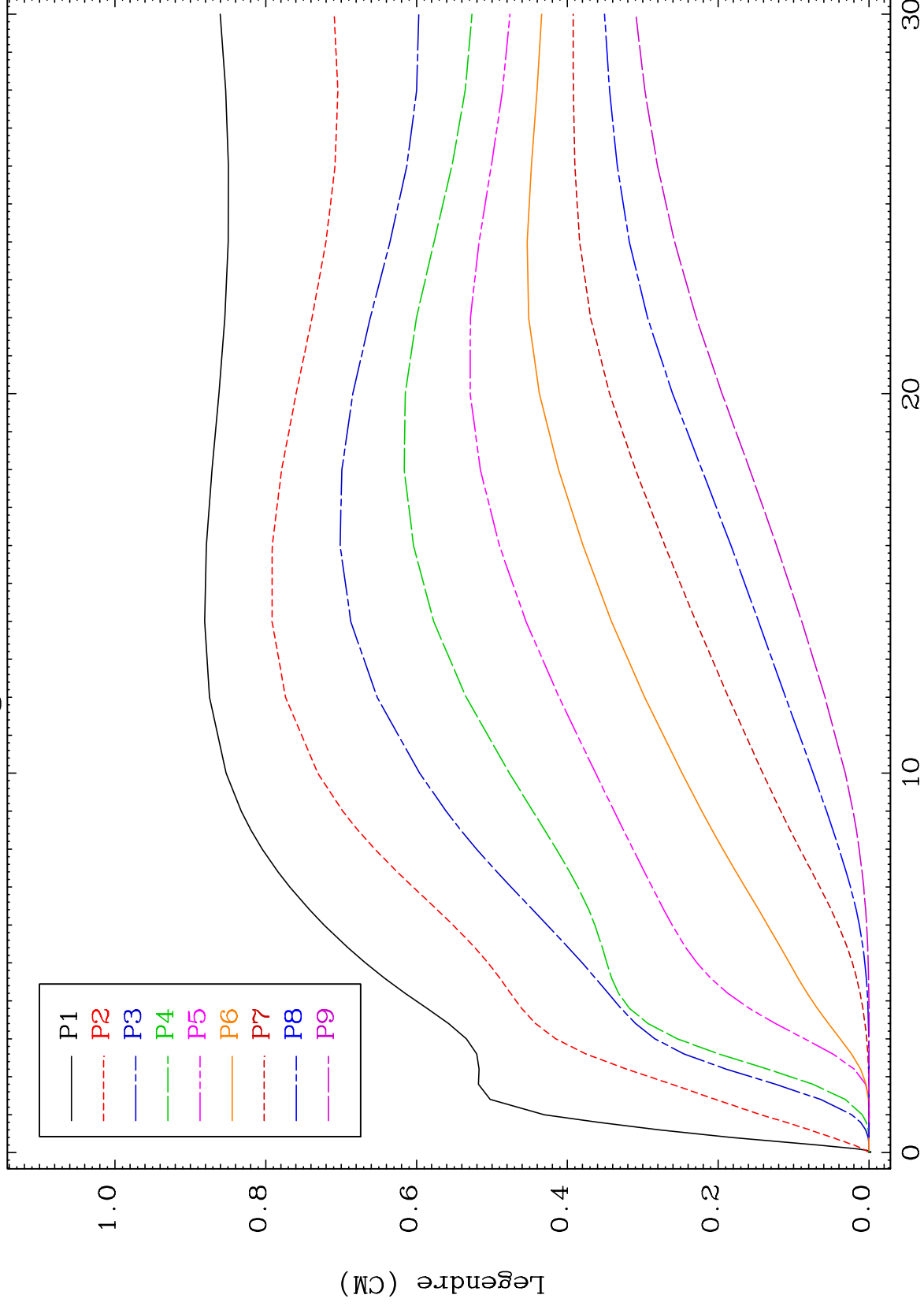
38-Sr-83



MAT 3822

Elastic Legendre Coefficients

³⁸Sr-83



0

15

10

20

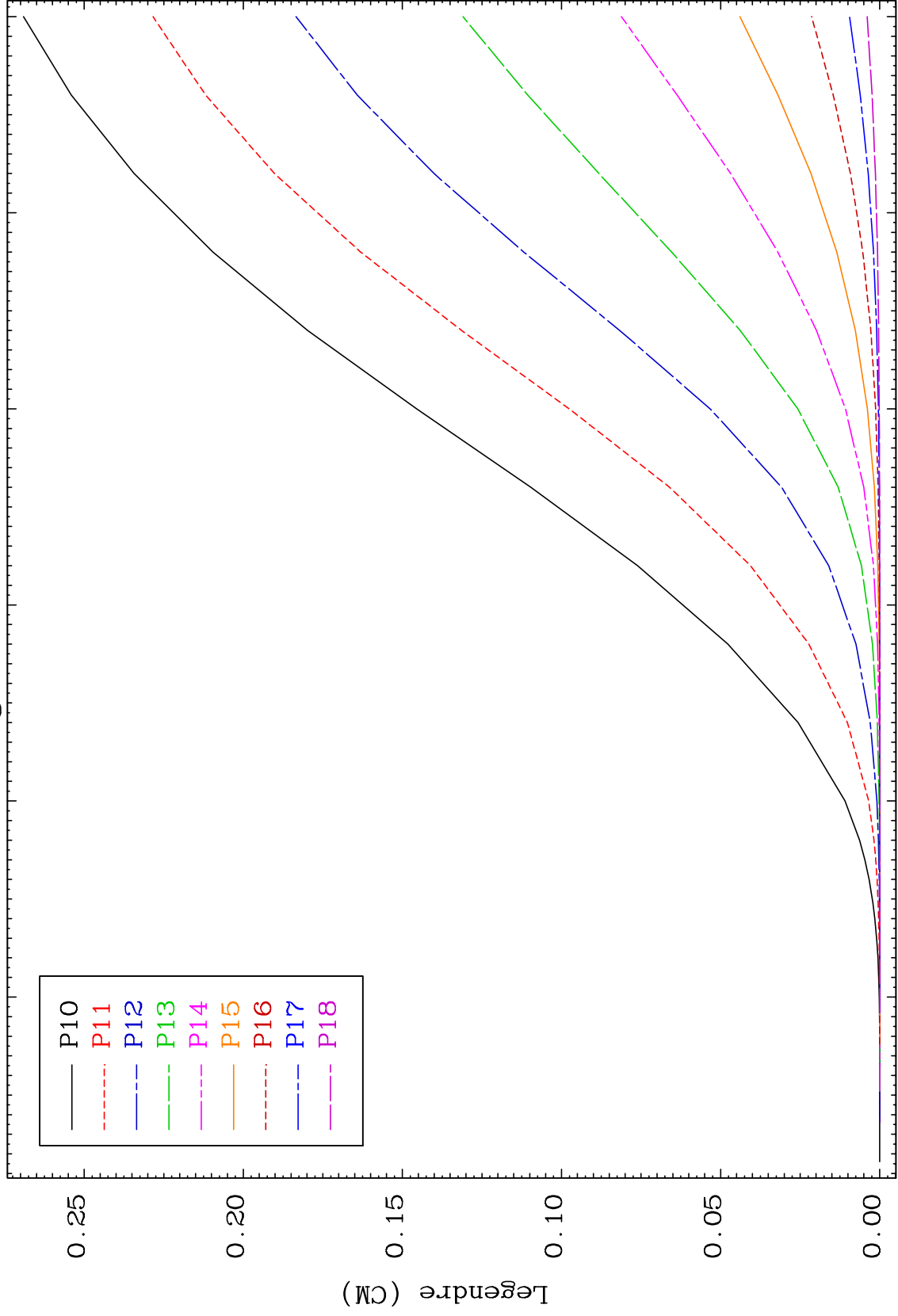
30

³⁸Sr-83

MAT 3822

Elastic Legendre Coefficients

38-Sr-83



16

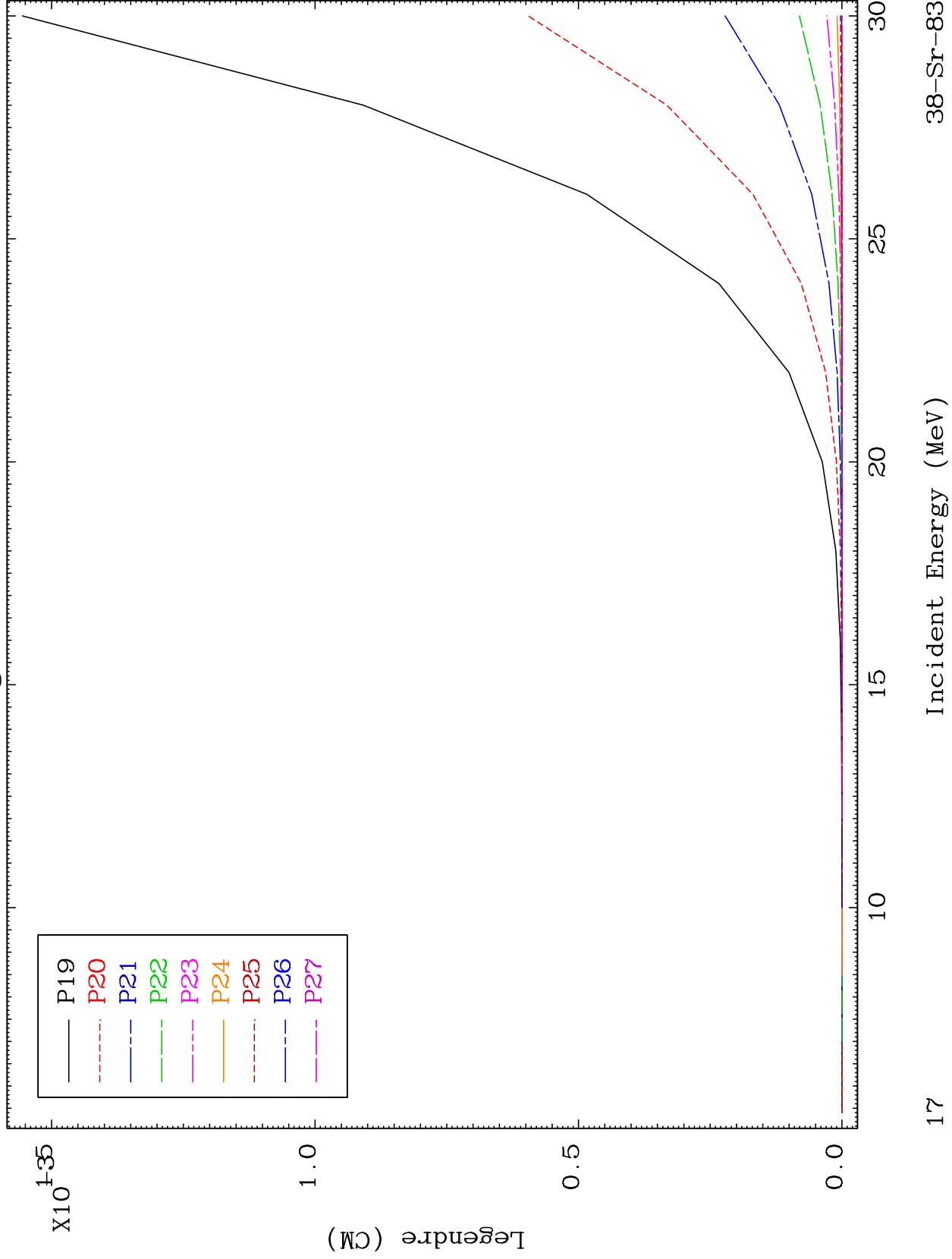
Incident Energy (MeV)

38-Sr-83

MAT 3822

Elastic Legendre Coefficients

38-Sr-83

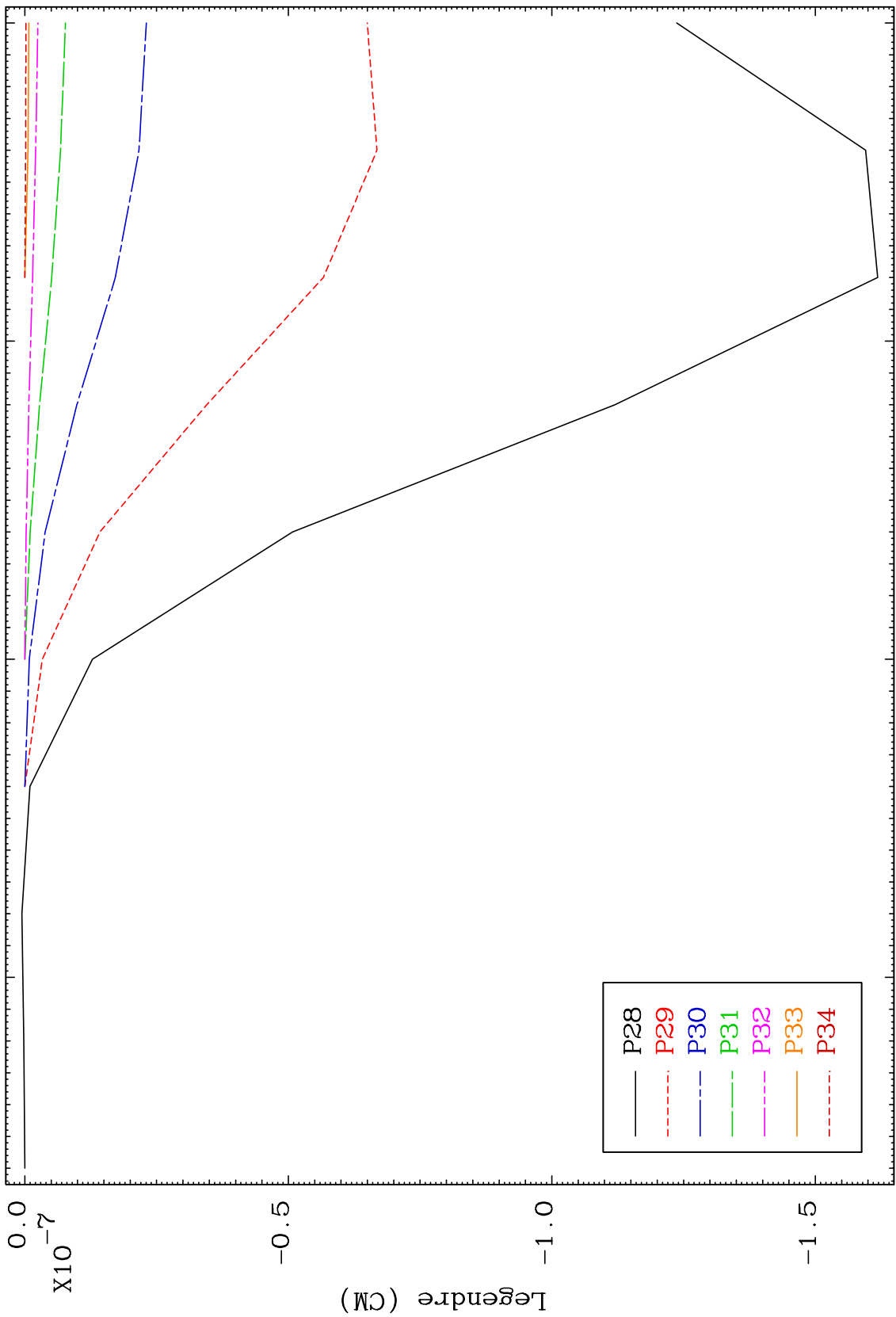


17

MAT 3822

38-Sr-83

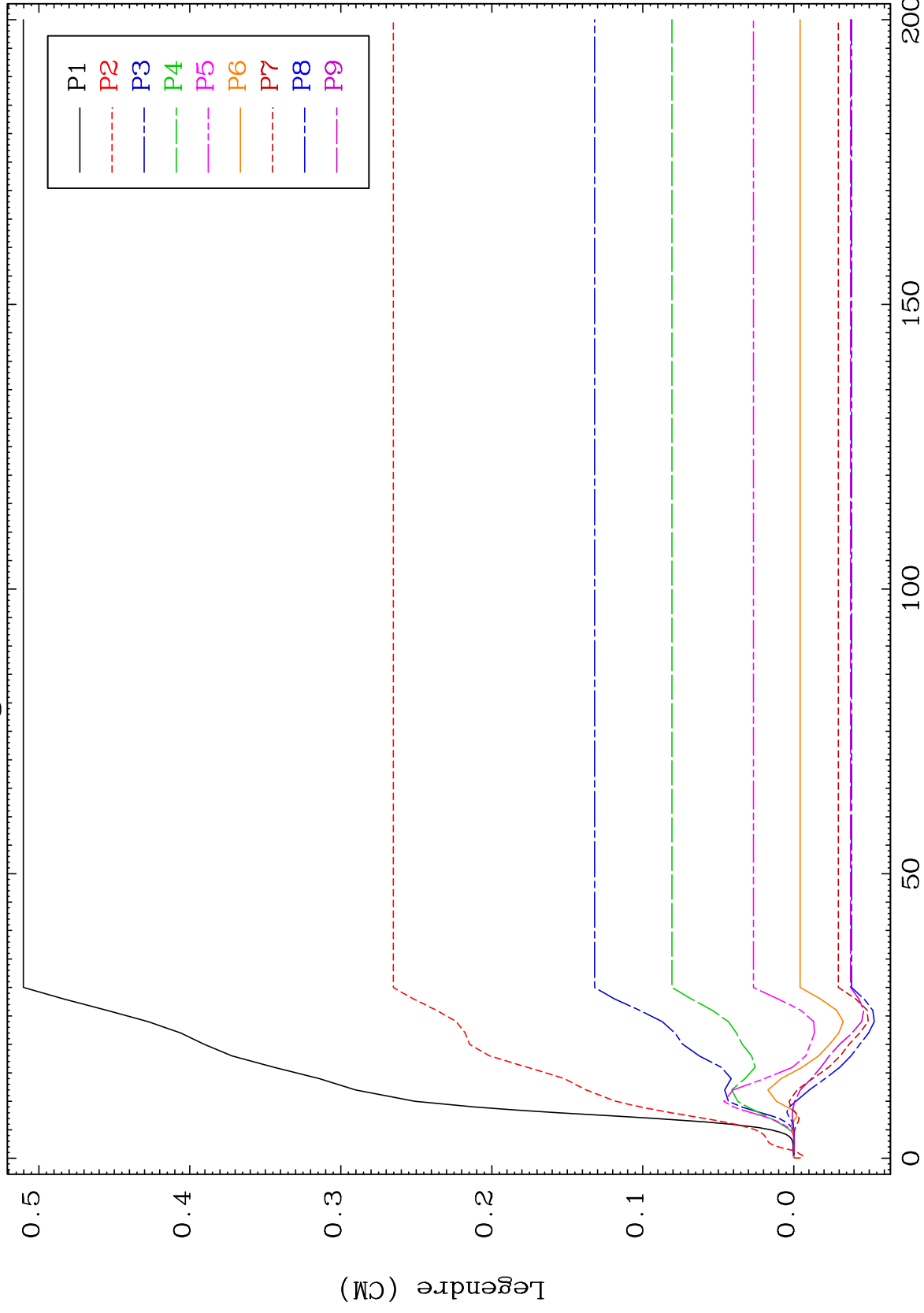
Elastic Legendre Coefficients



18

Incident Energy (MeV)

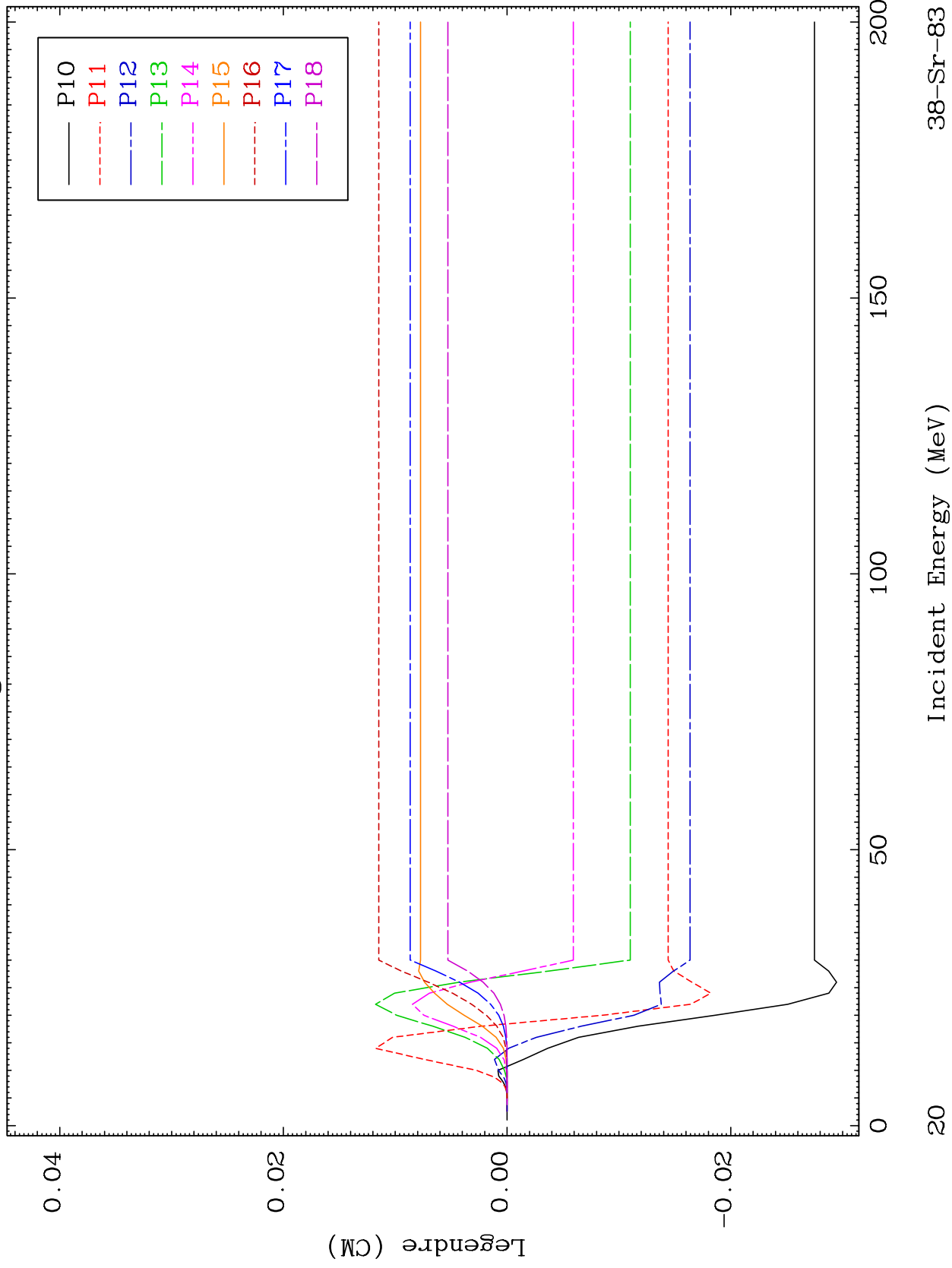
38-Sr-83



MAT 3822

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

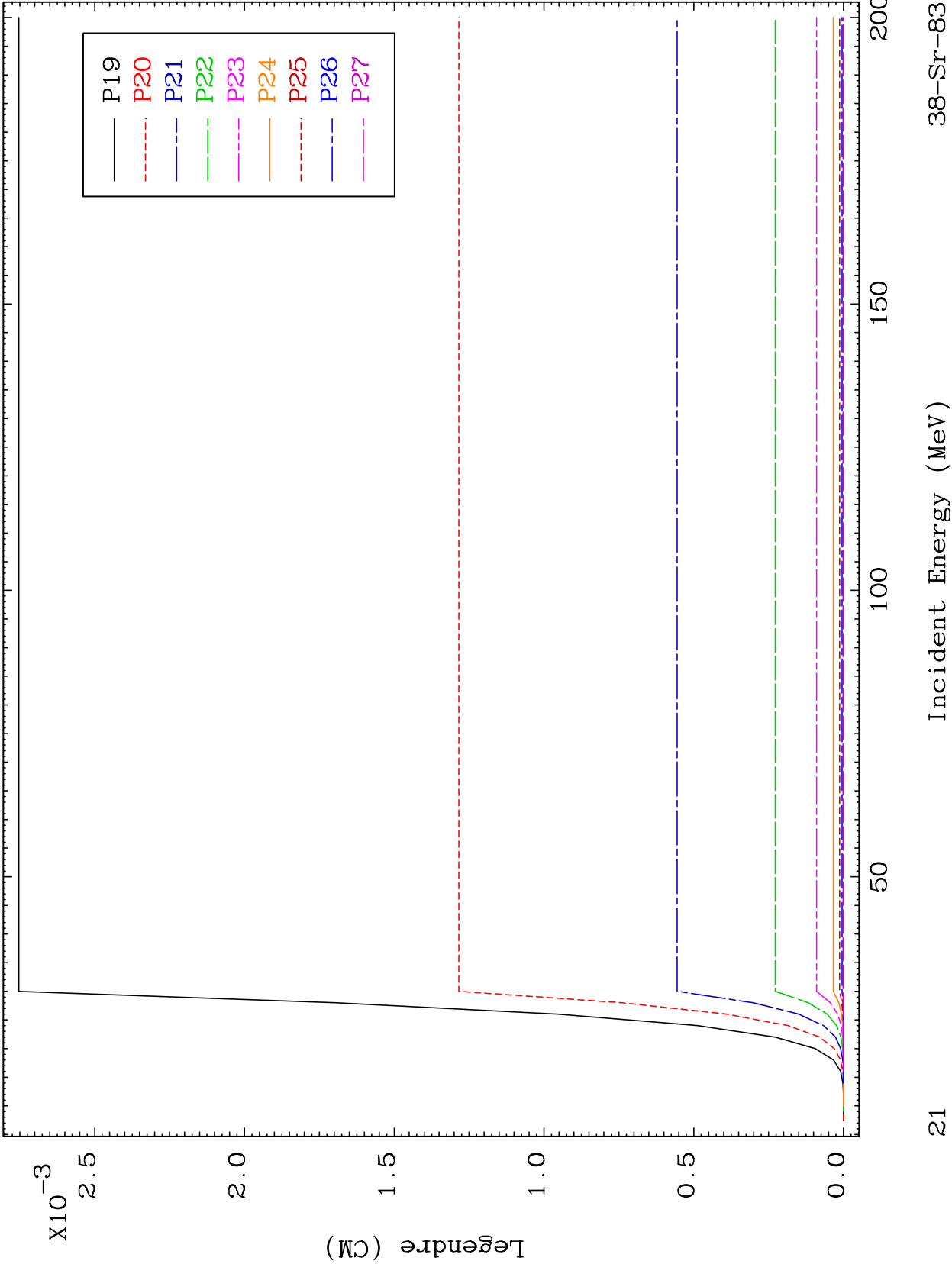
38-Sr-83

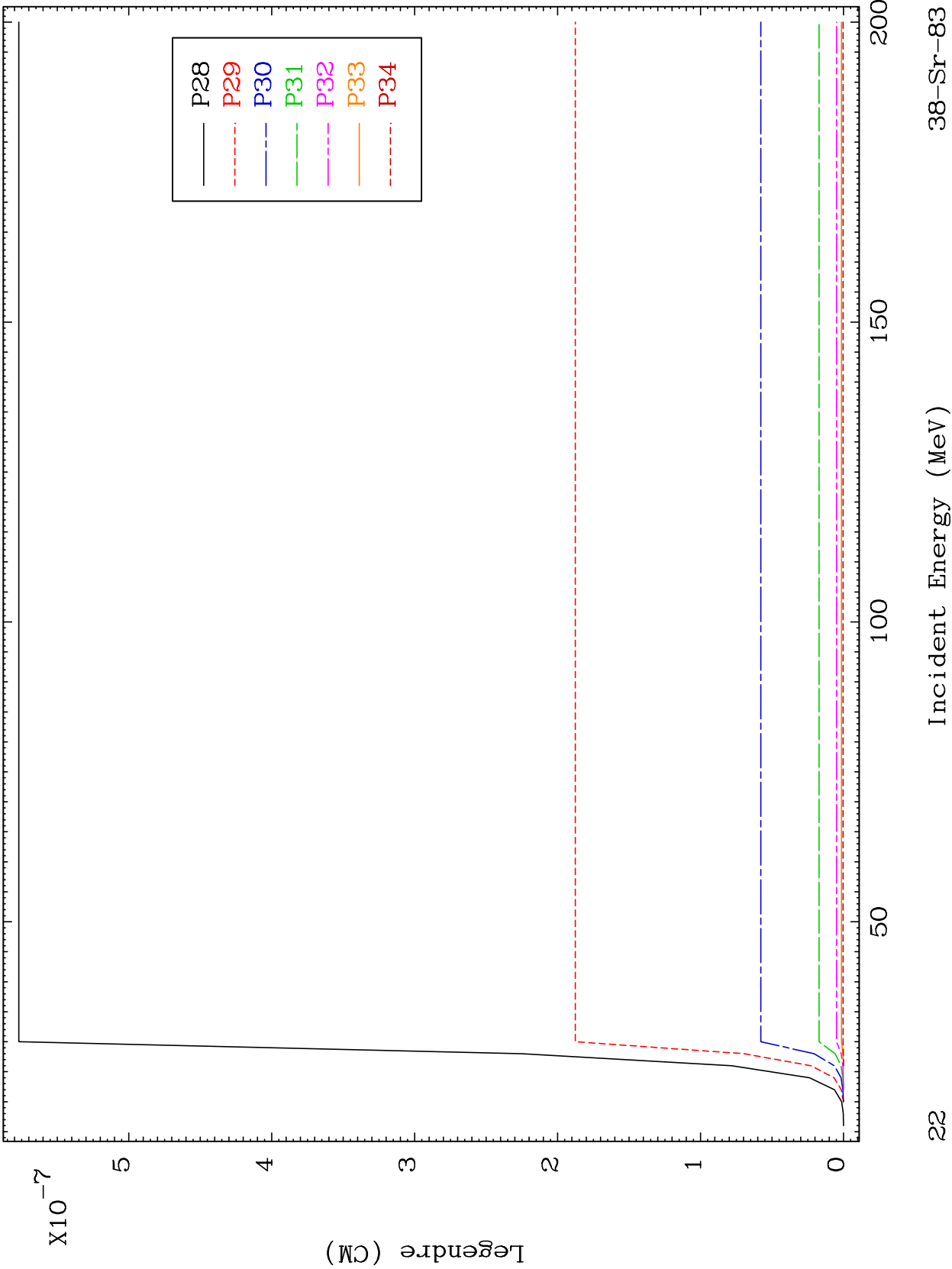


38-Sr-83

Incident Energy (MeV)

20

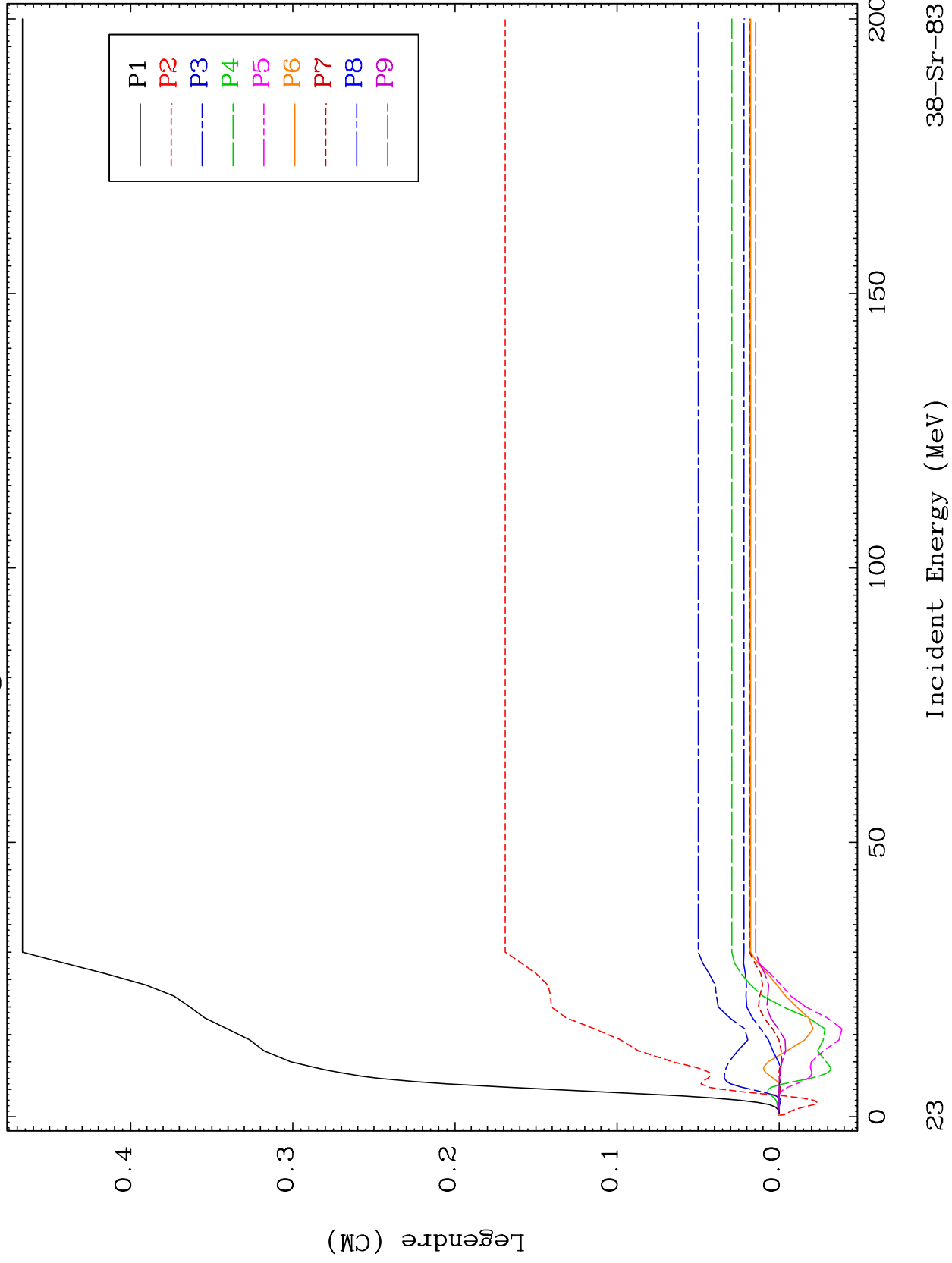




MAT 3822

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

38-Sr-83



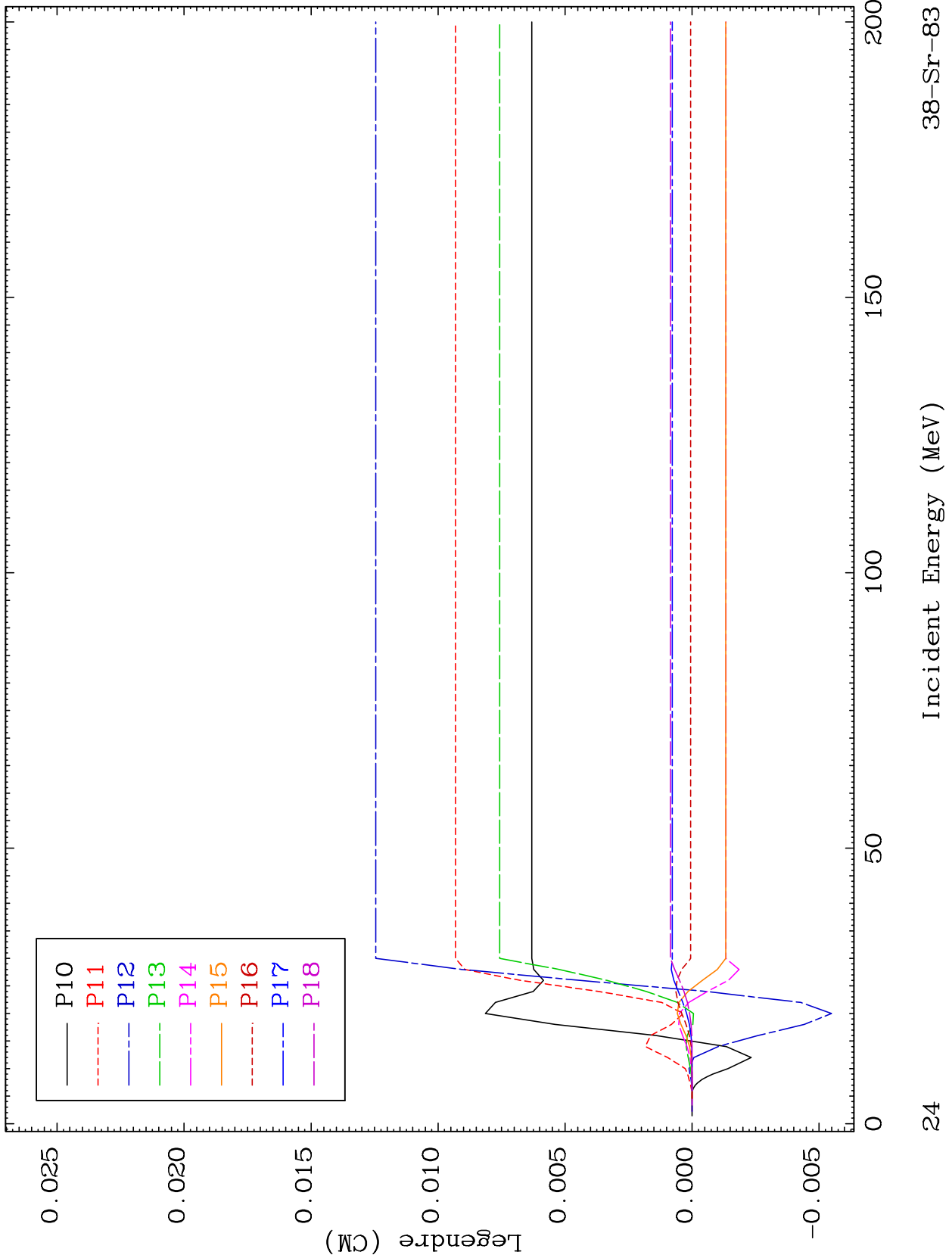
23

38-Sr-83

MAT 3822

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

38-Sr-83



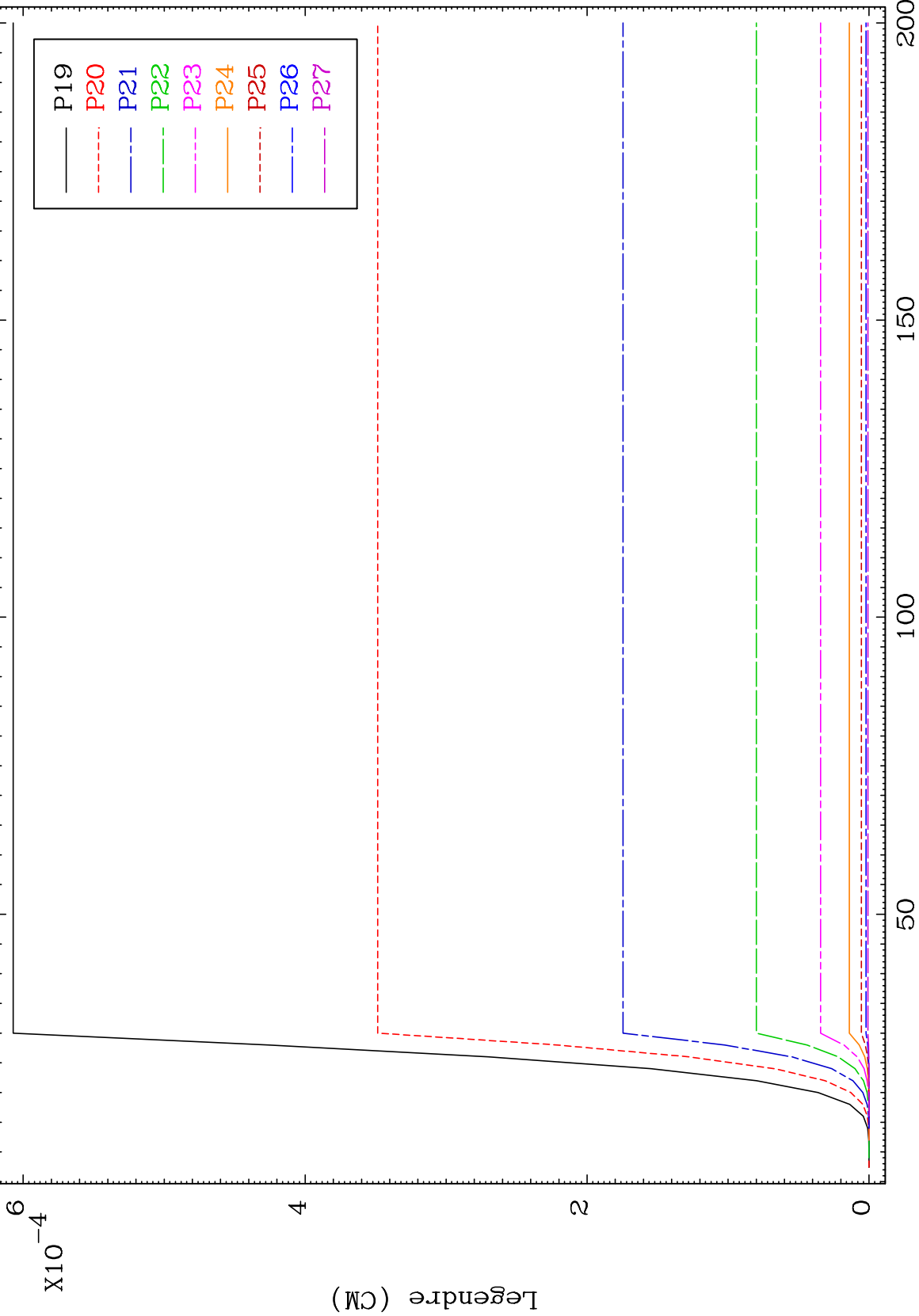
24

38-Sr-83

MAT 3822

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

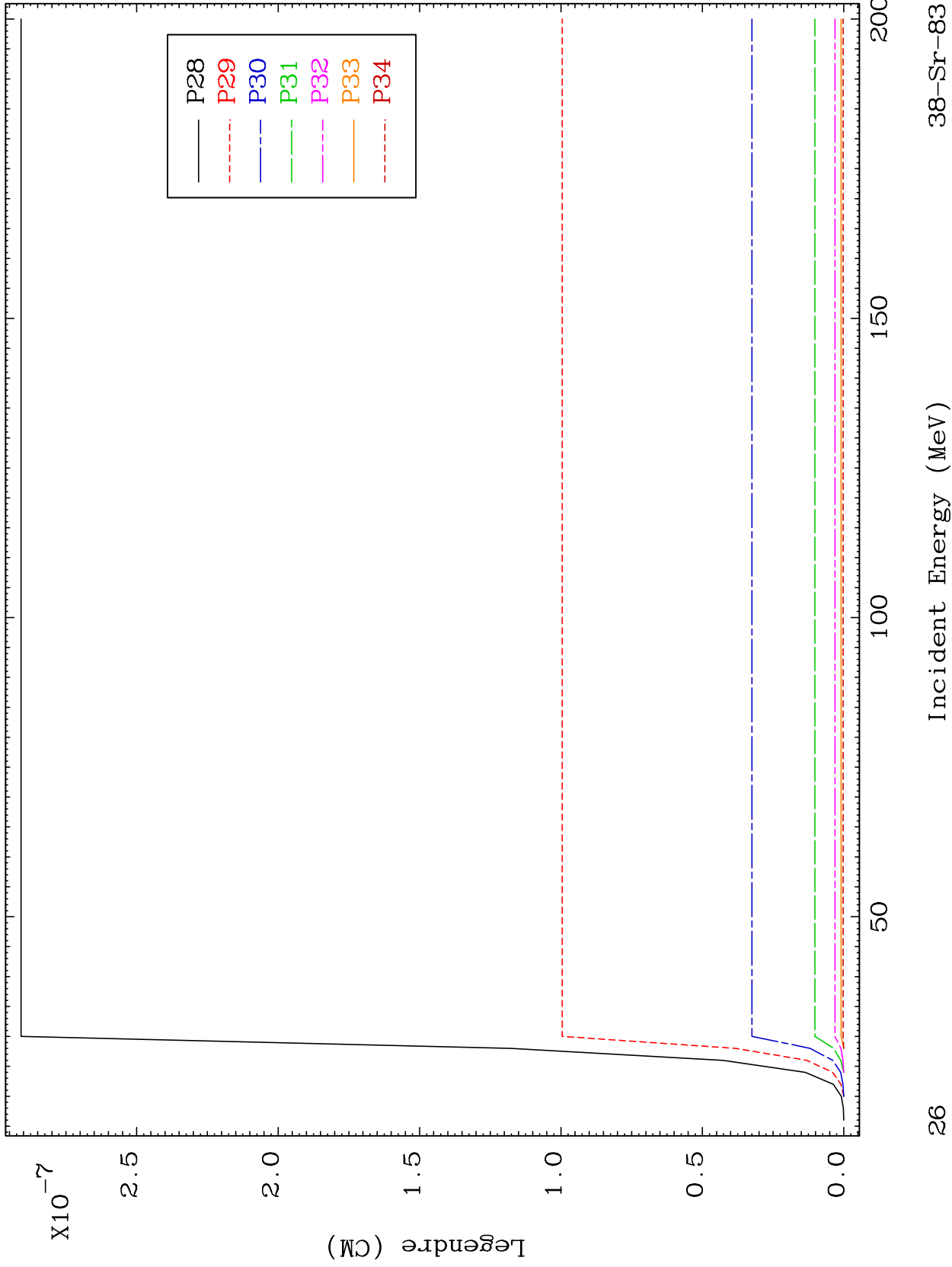
38-Sr-83



25

Incident Energy (MeV)

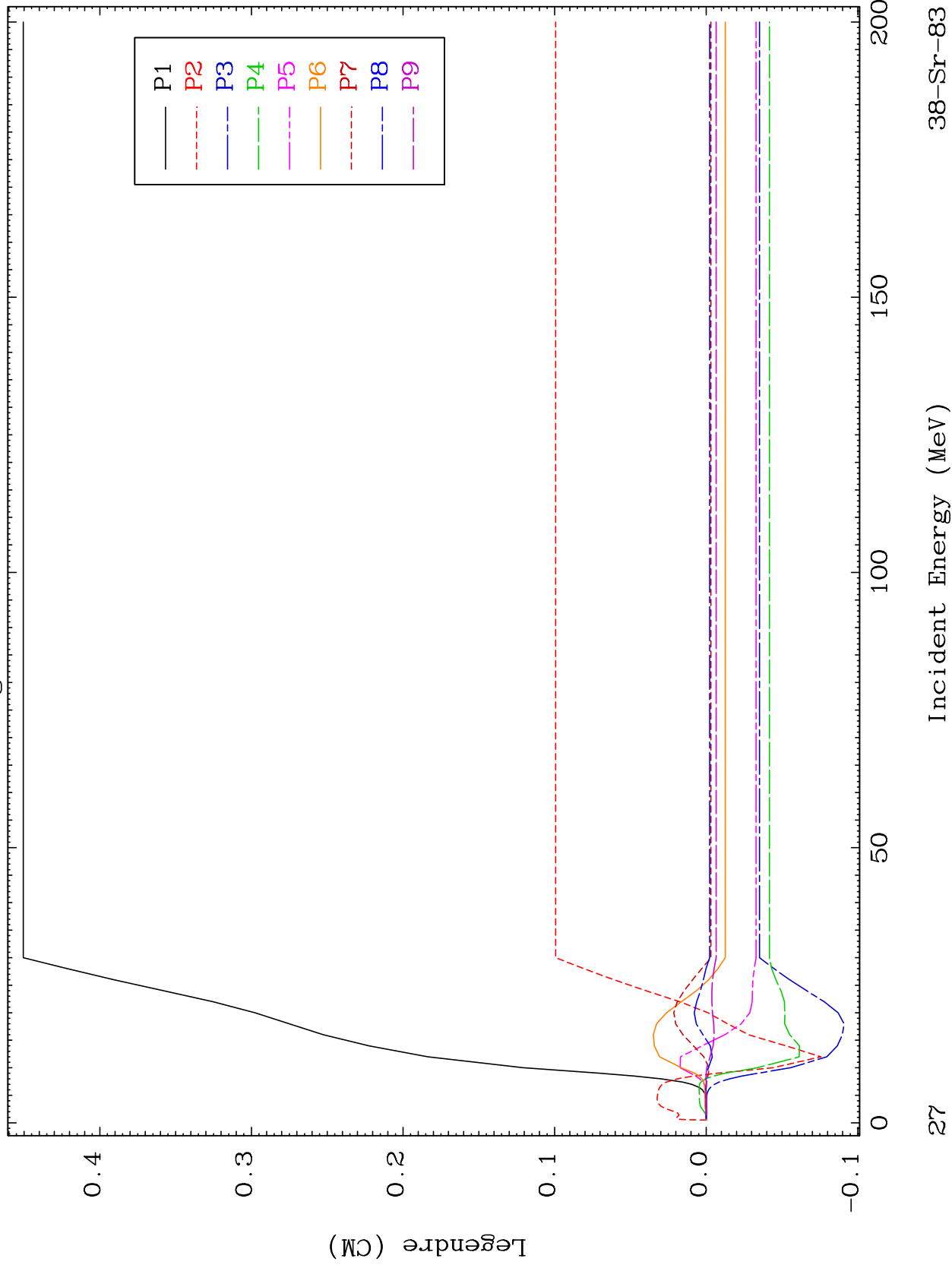
38-Sr-83



MAT 3822

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

38-Sr-83



38-Sr-83

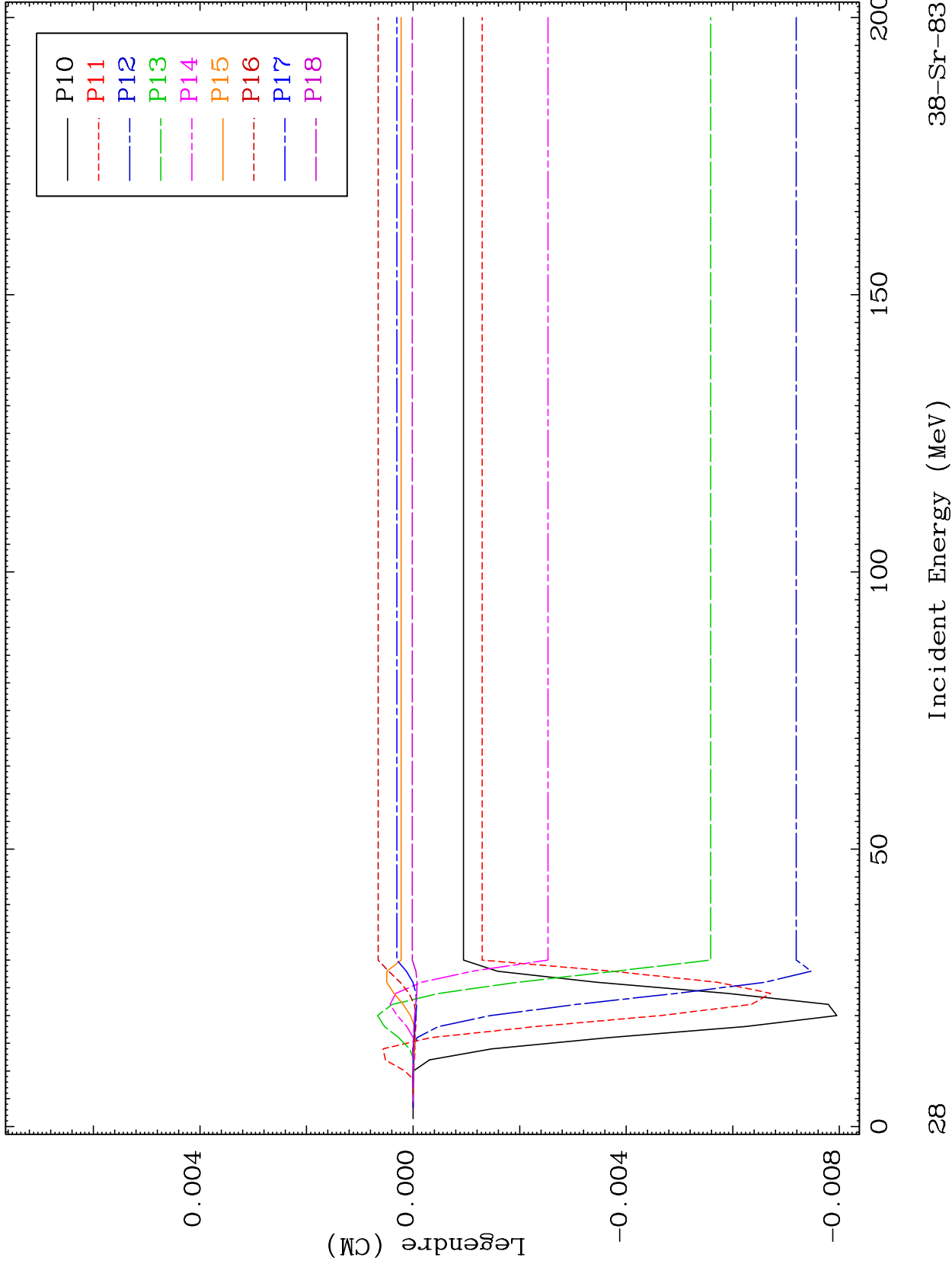
Incident Energy (MeV)

27

MAT 3822

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

38-Sr-83



28

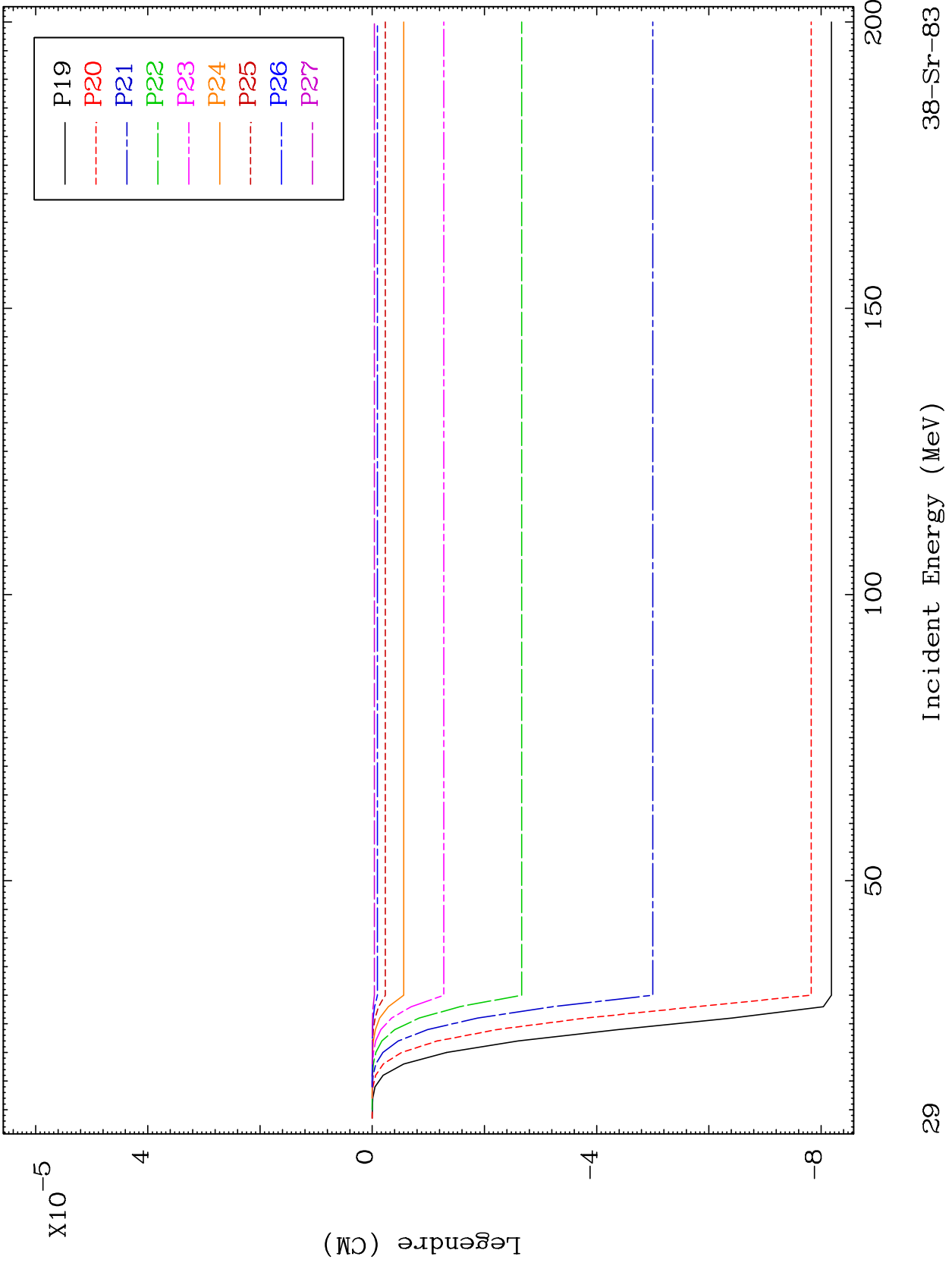
Incident Energy (MeV)

38-Sr-83

MAT 3822

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

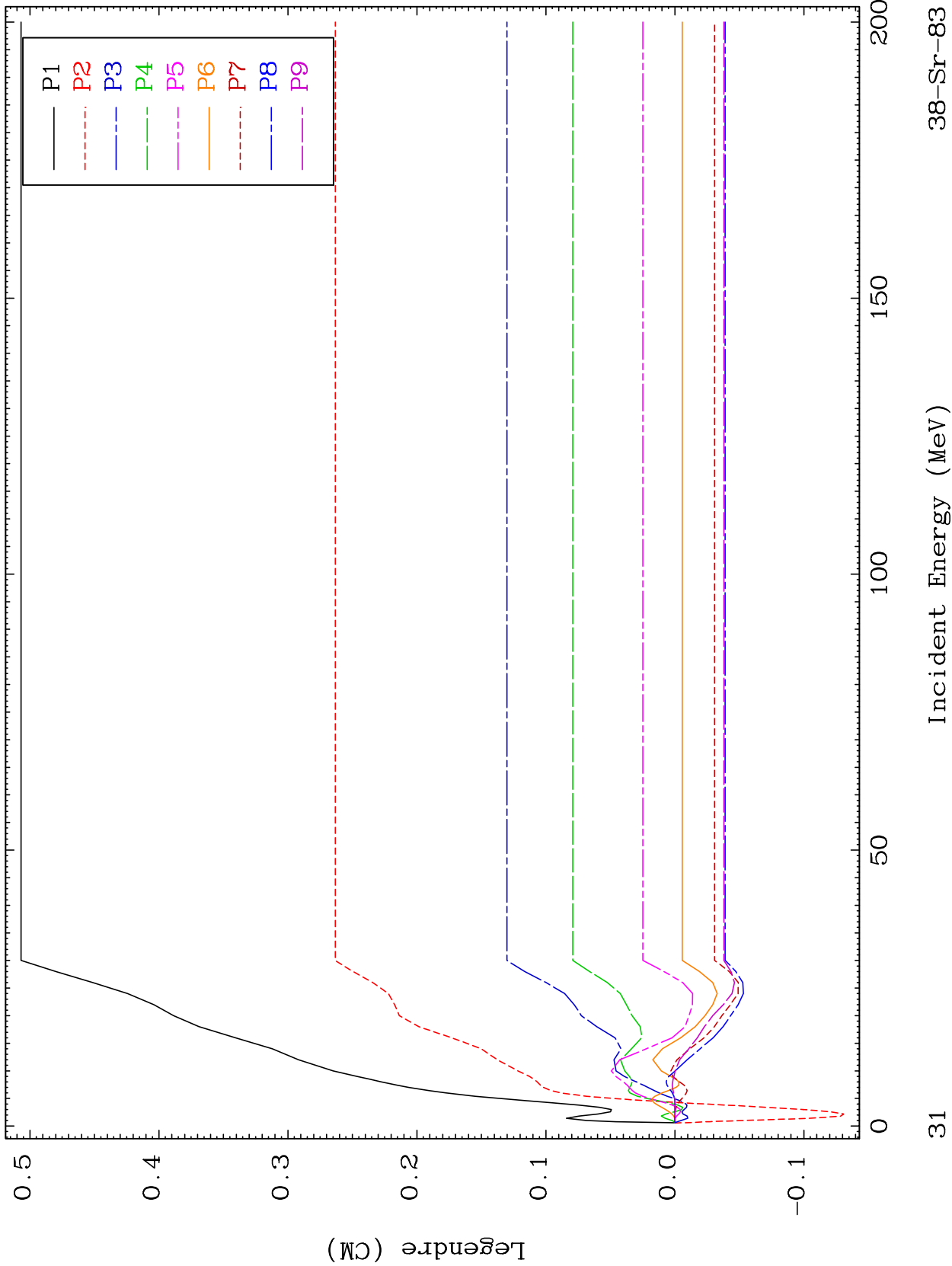
38-Sr-83



29

Incident Energy (MeV)

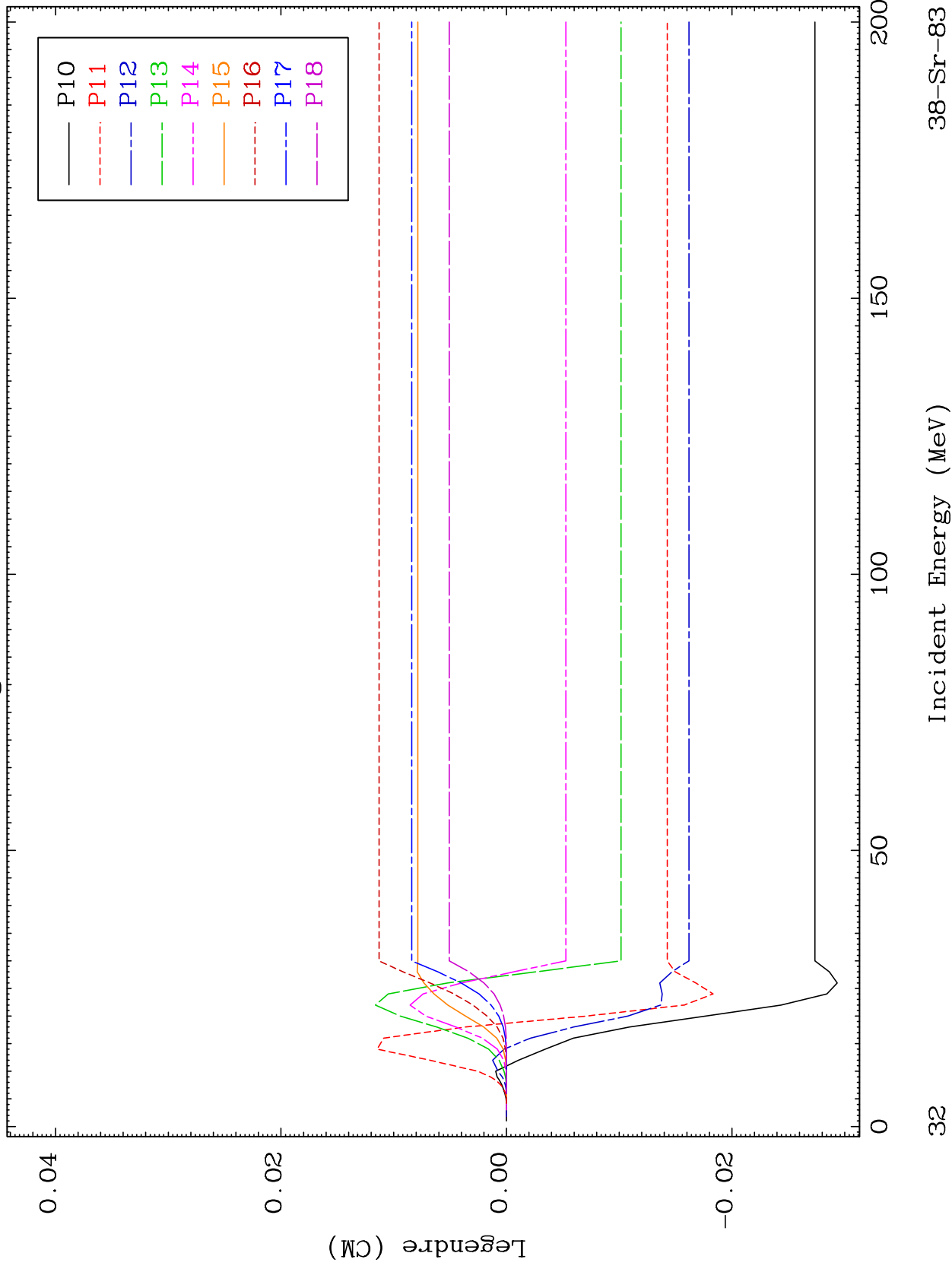
38-Sr-83



MAT 3822

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

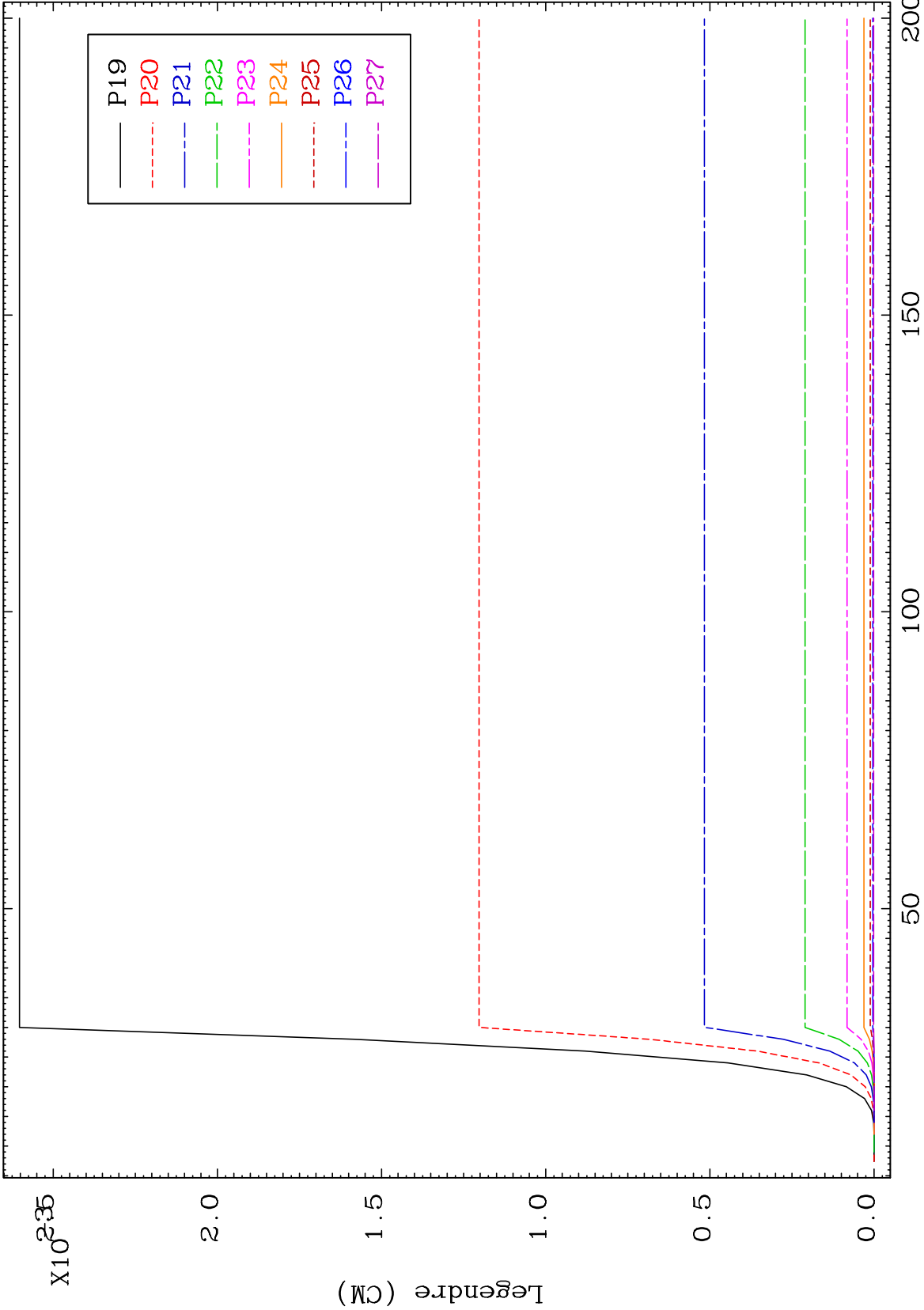
38-Sr-83



32

Incident Energy (MeV)

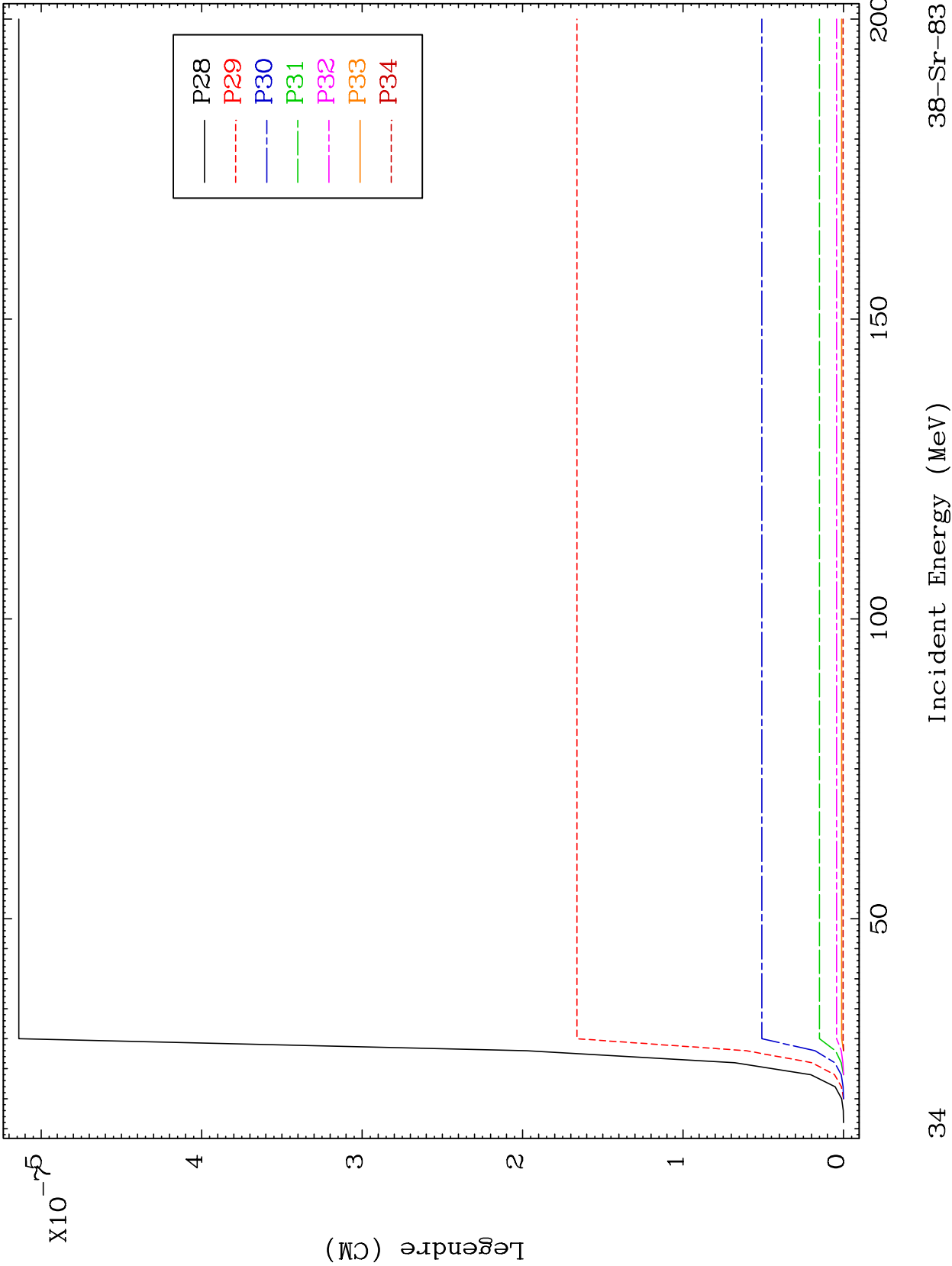
38-Sr-83



MAT 3822

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

38-Sr-83



34

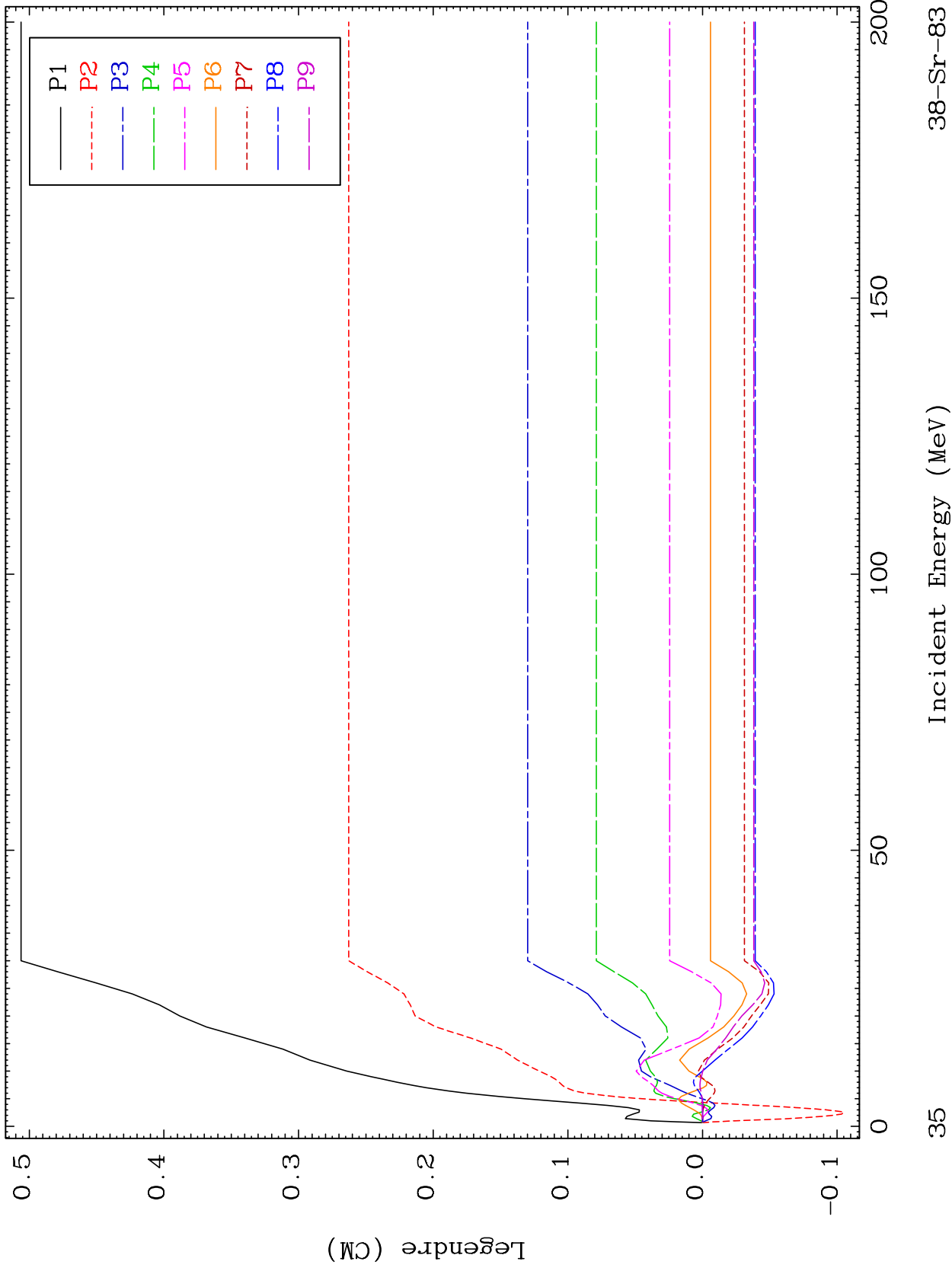
Incident Energy (MeV)

38-Sr-83

MAT 3822

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

38-Sr-83



38-Sr-83

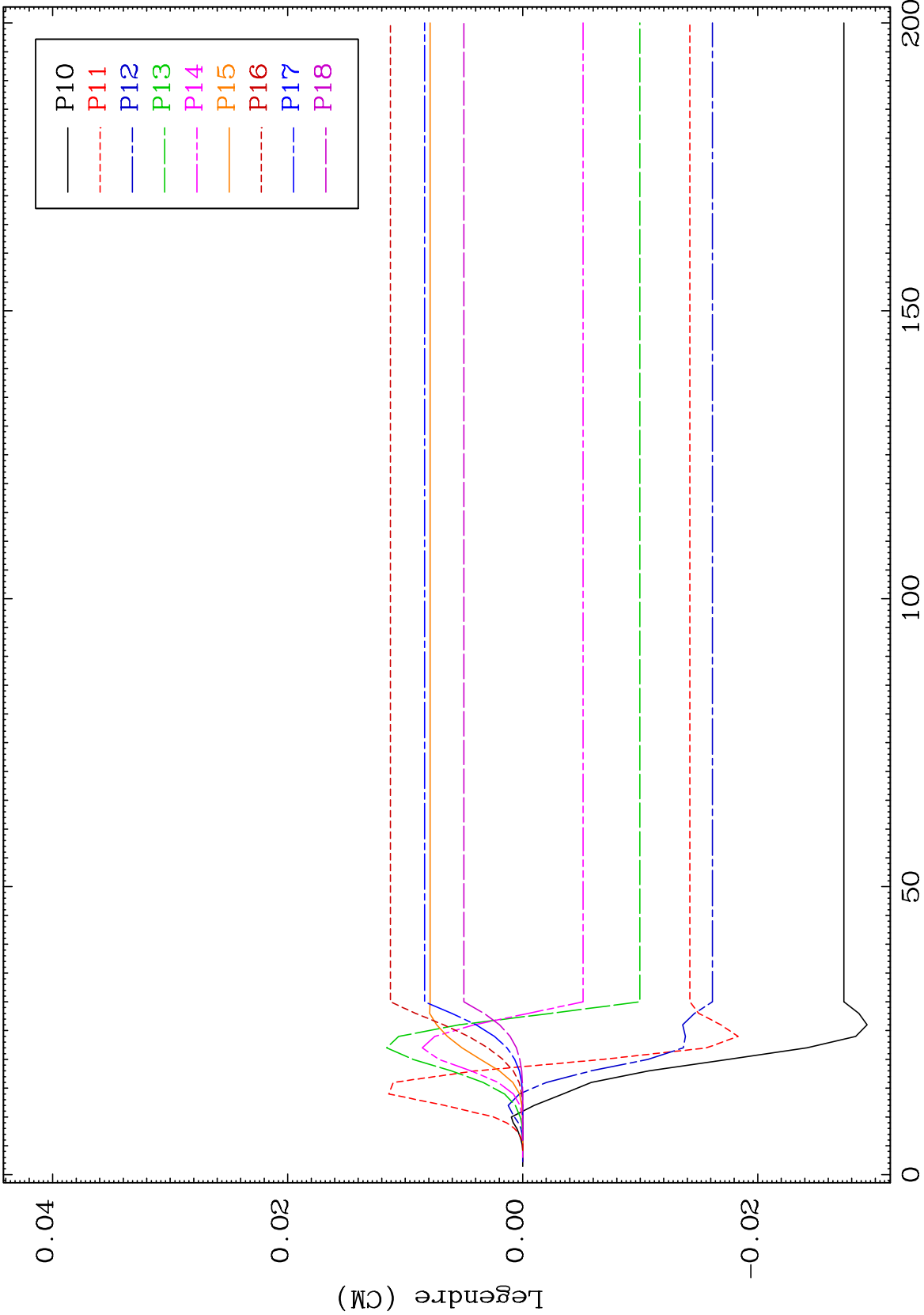
Incident Energy (MeV)

35

MAT 3822

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

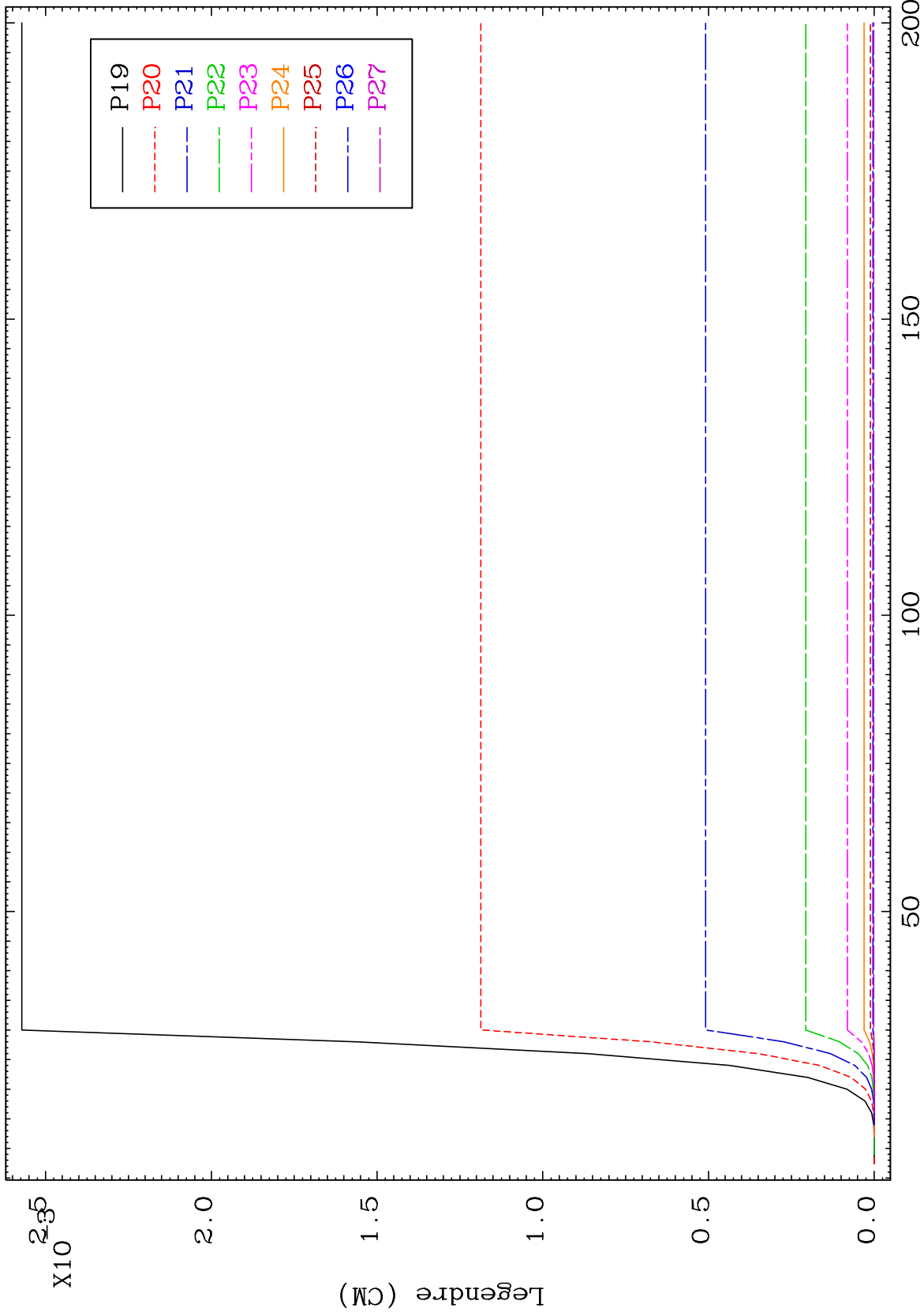
38-Sr-83



36

Incident Energy (MeV)

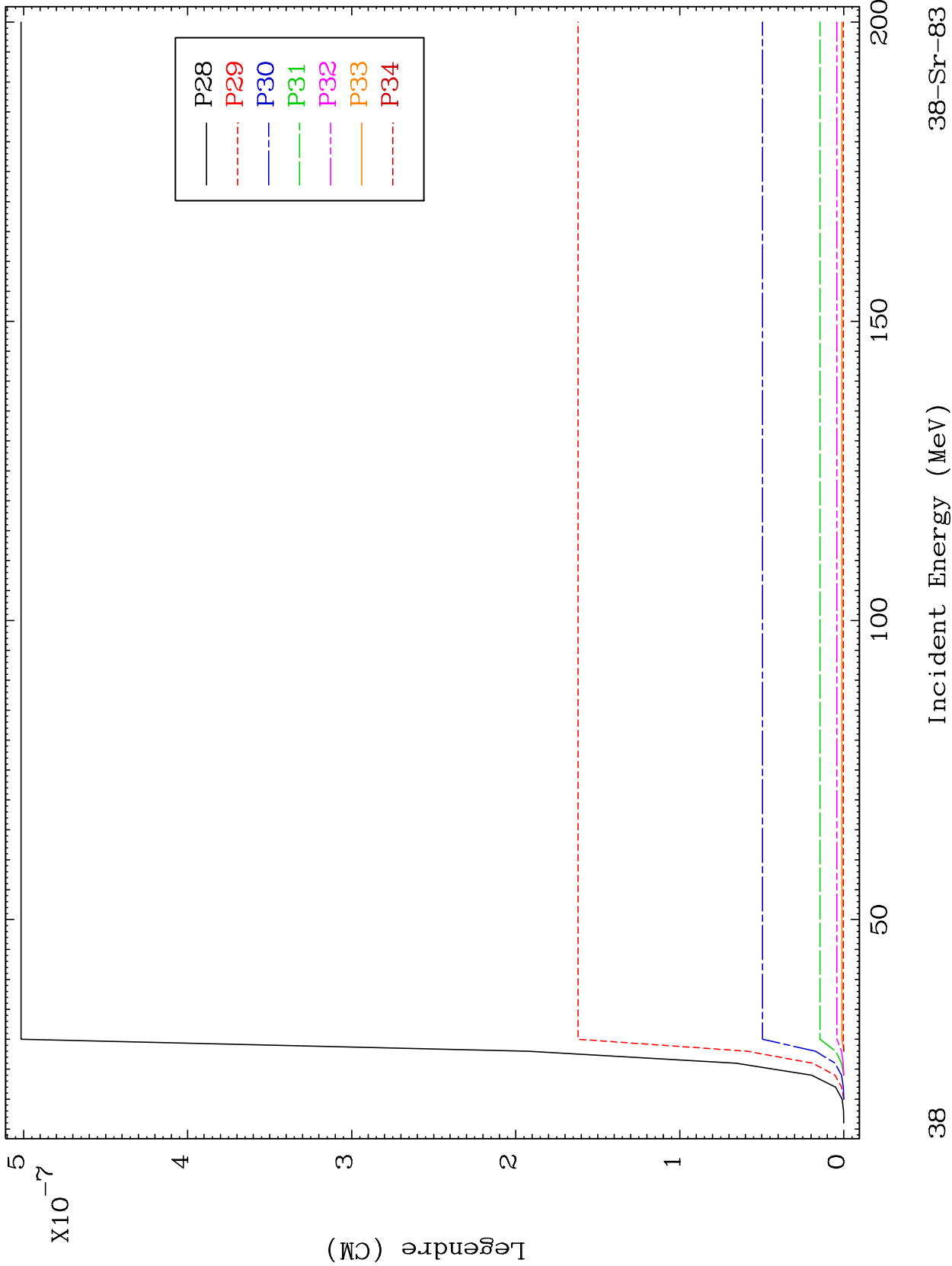
38-Sr-83



MAT 3822

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

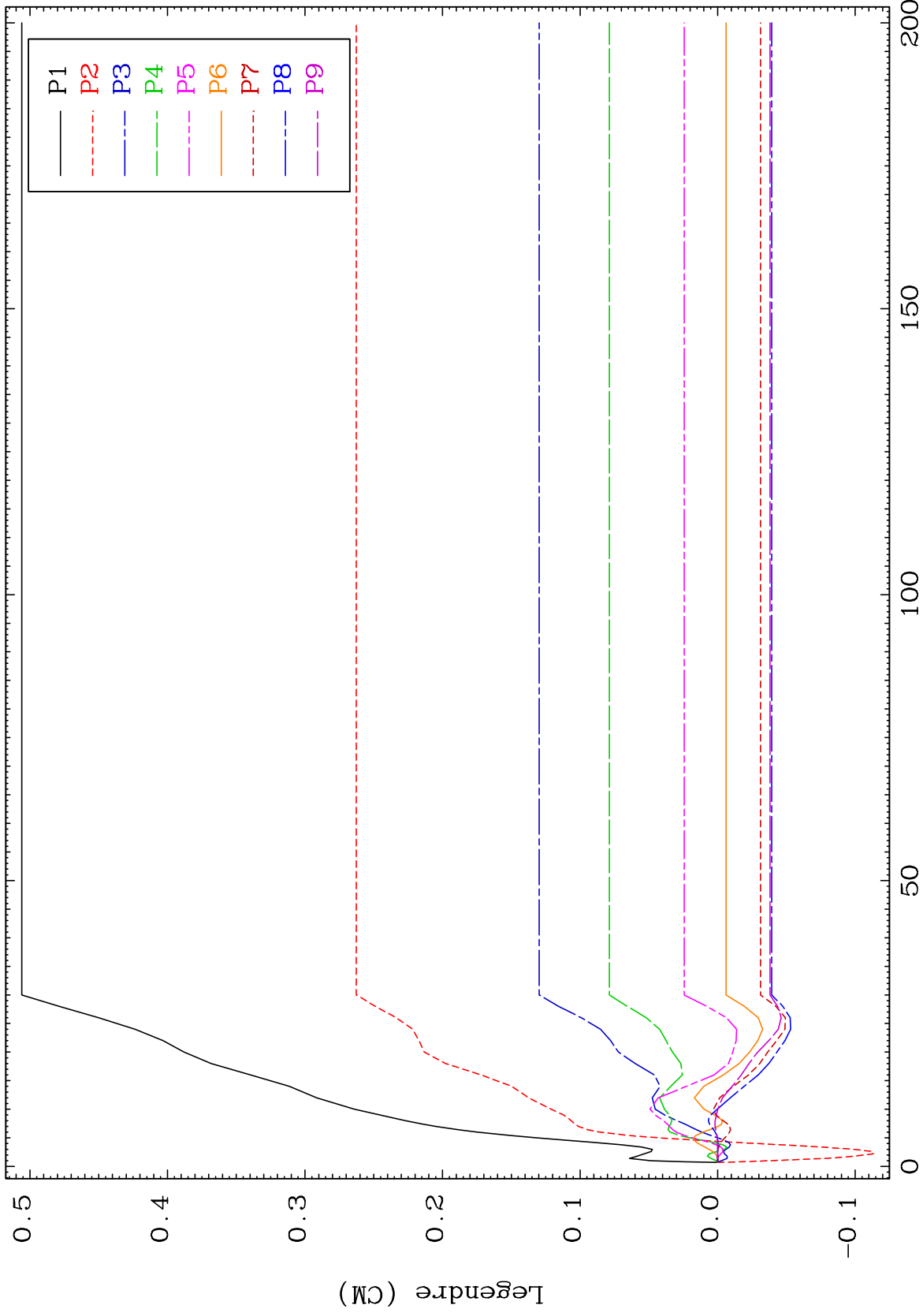
38-Sr-83



MAT 3822

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

38-Sr-83



38-Sr-83

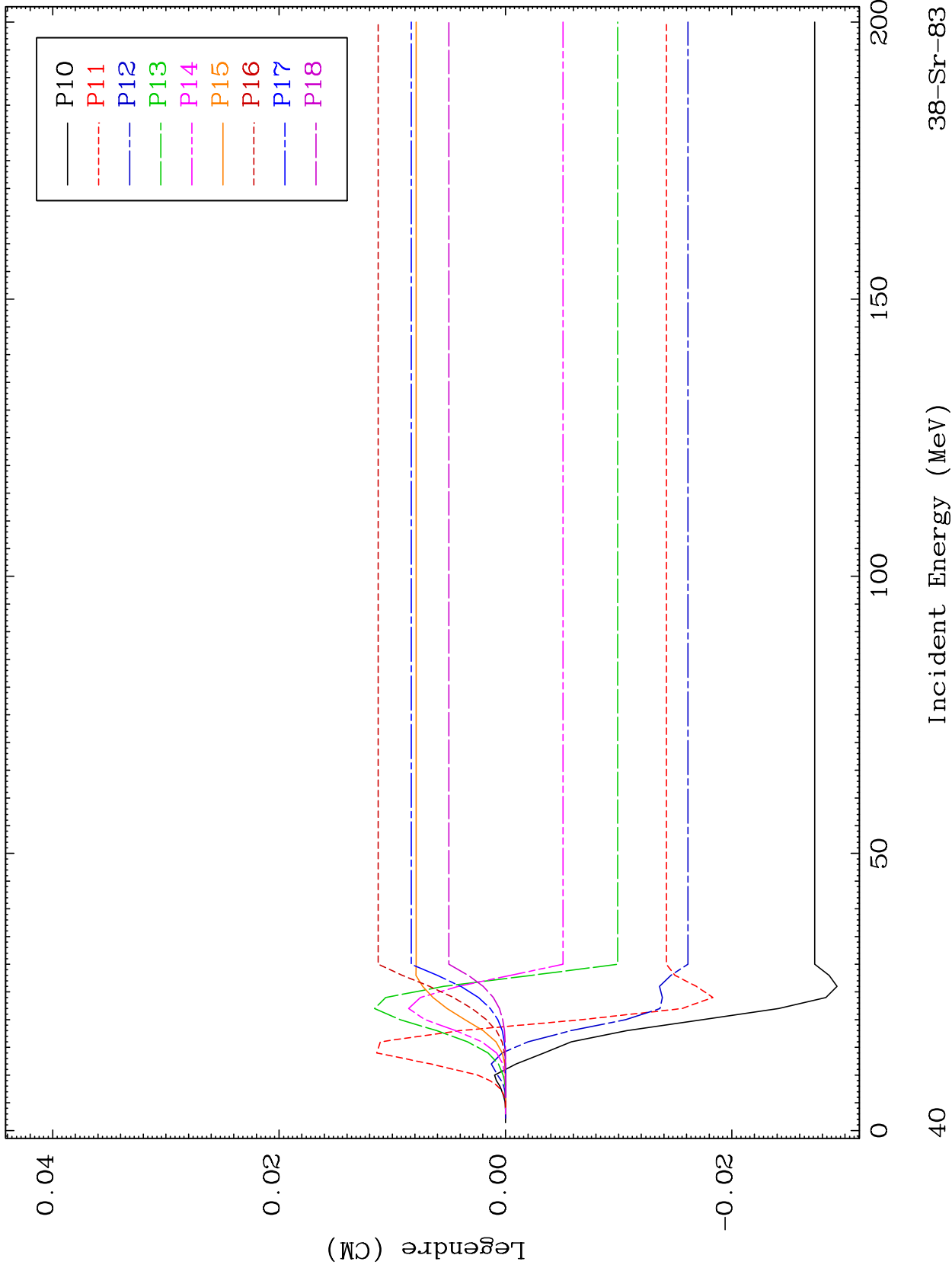
Incident Energy (MeV)

39

MAT 3822

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

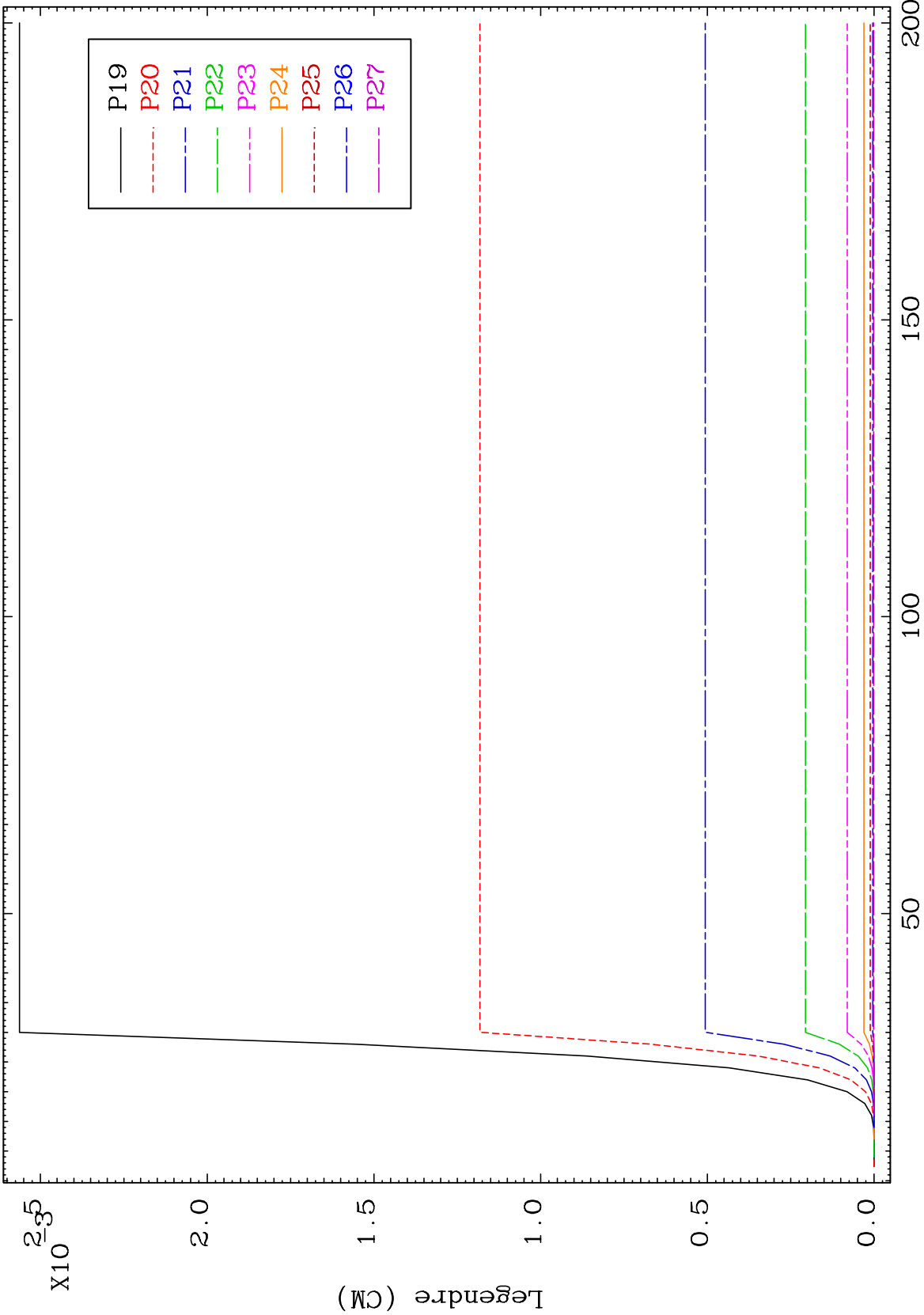
38-Sr-83



38-Sr-83

Incident Energy (MeV)

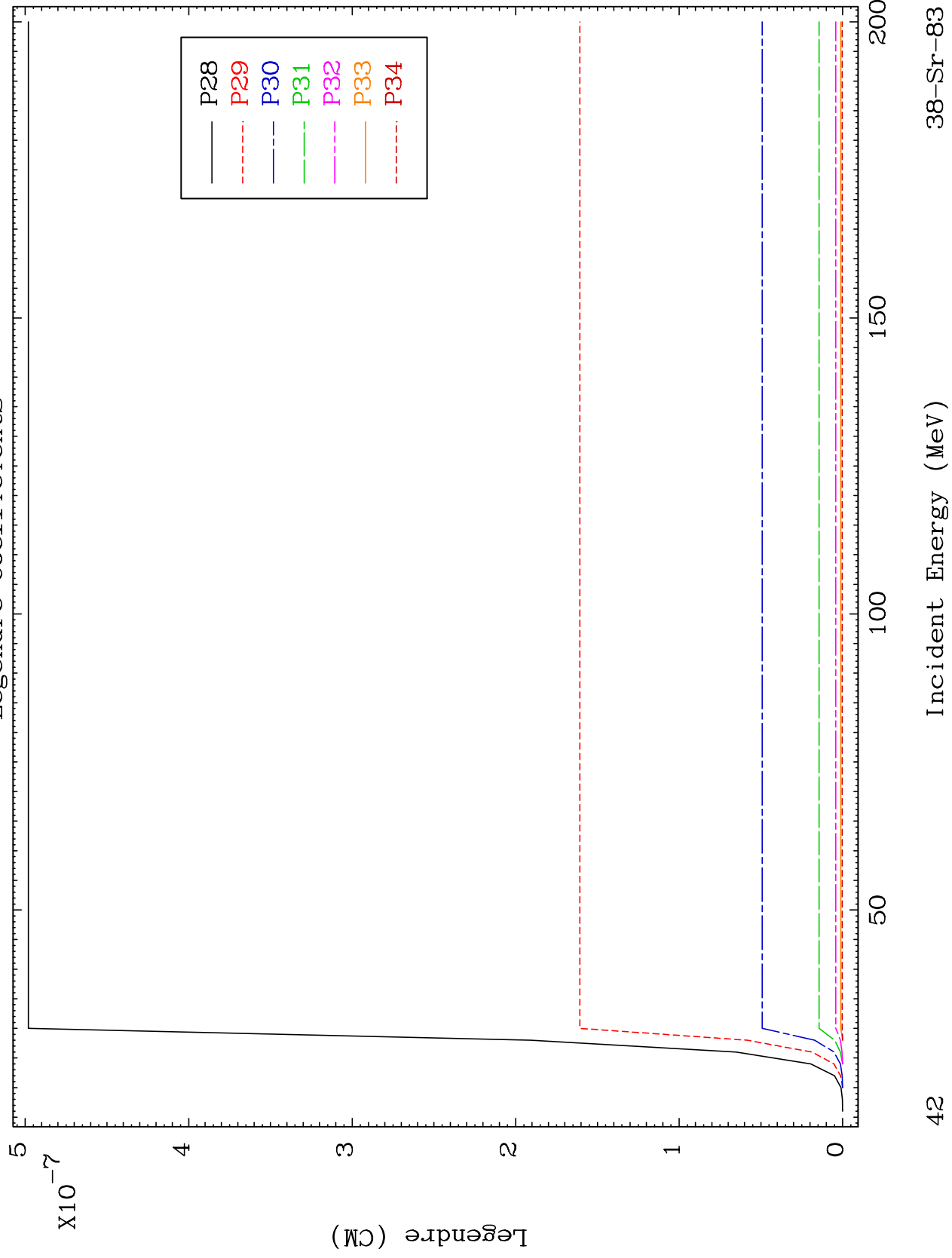
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MAT 3822

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

38-Sr-83



42

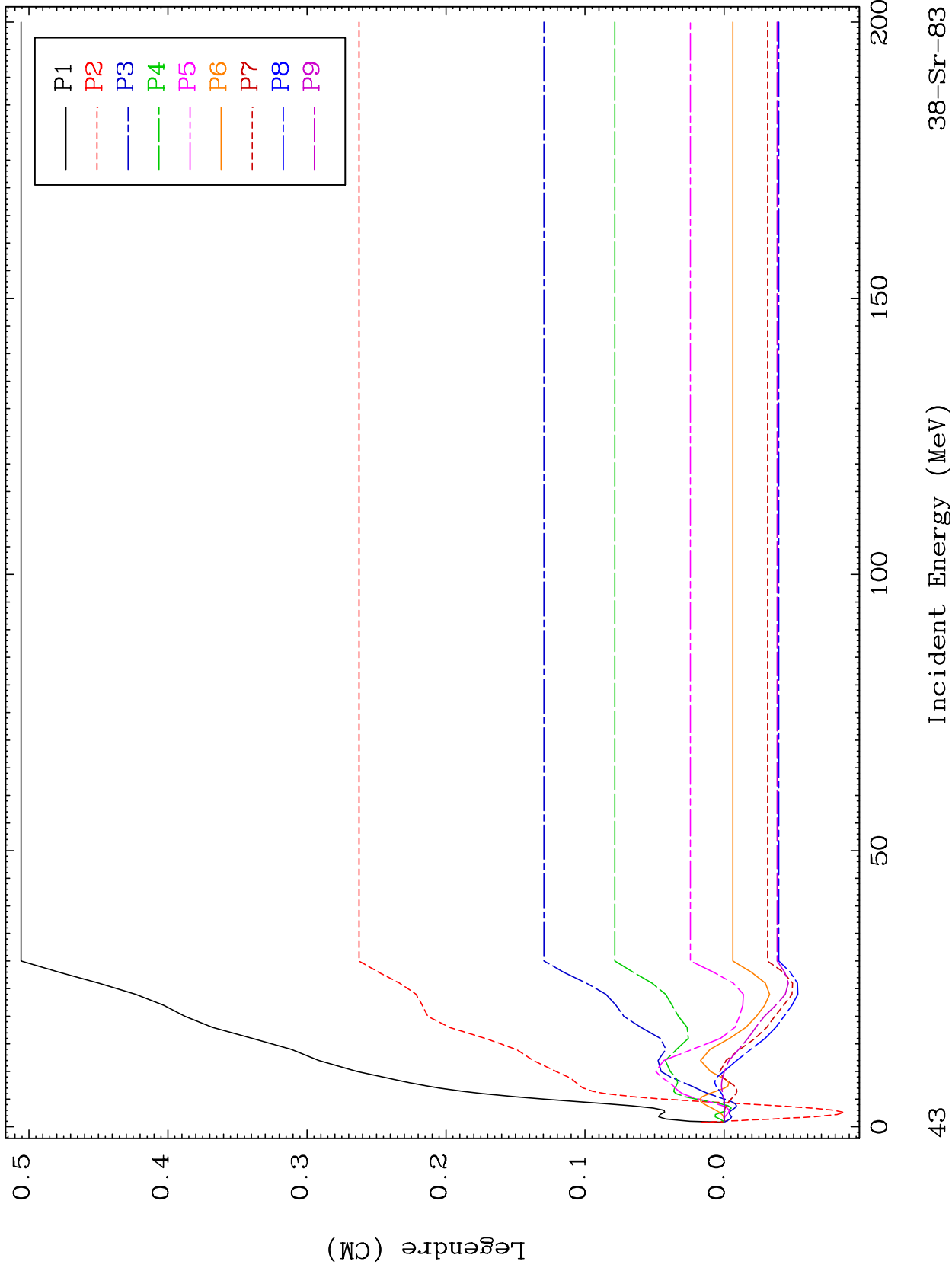
Incident Energy (MeV)

38-Sr-83

MAT 3822

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

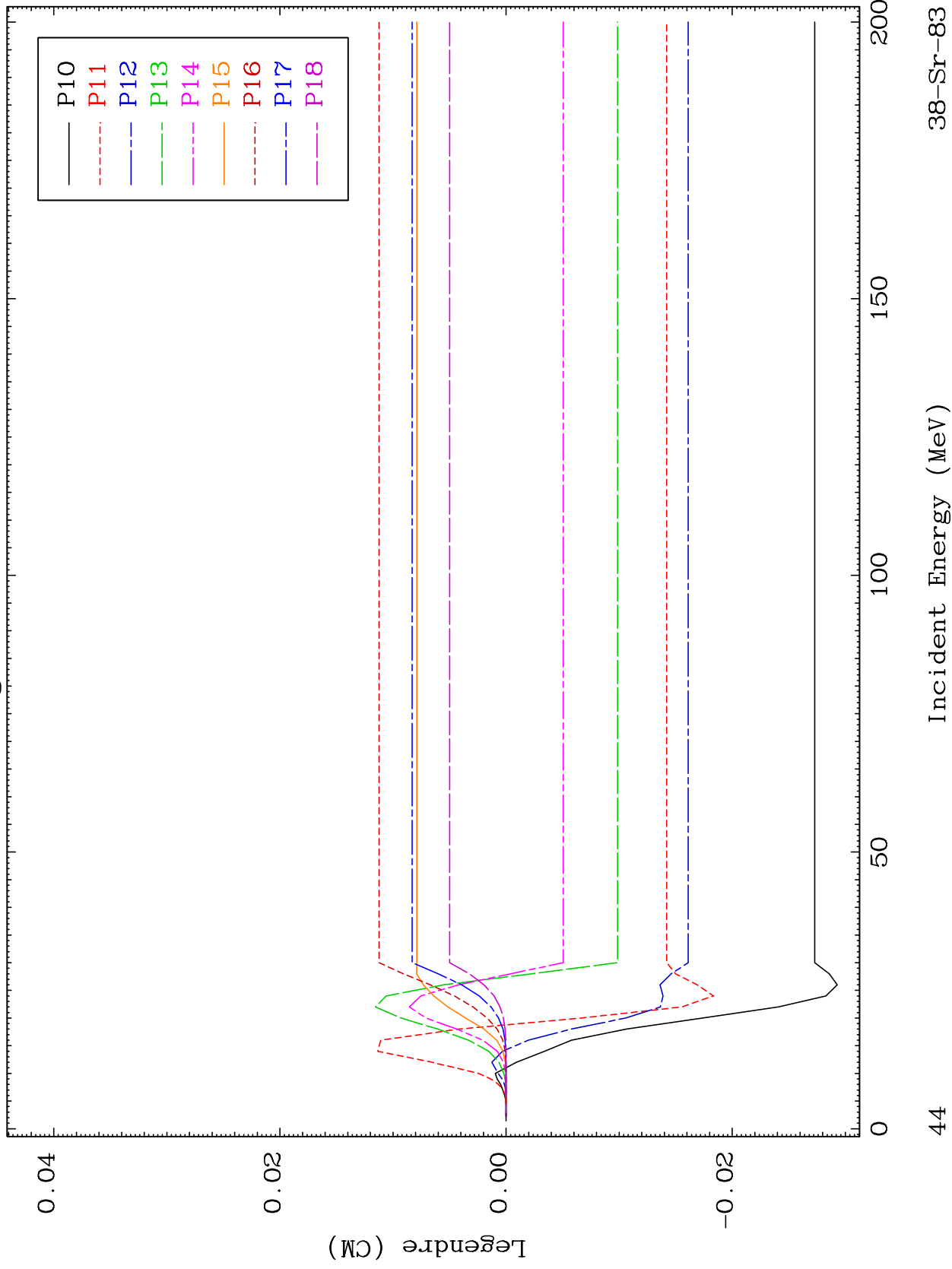
38-Sr-83



MAT 3822

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

38-Sr-83



38-Sr-83

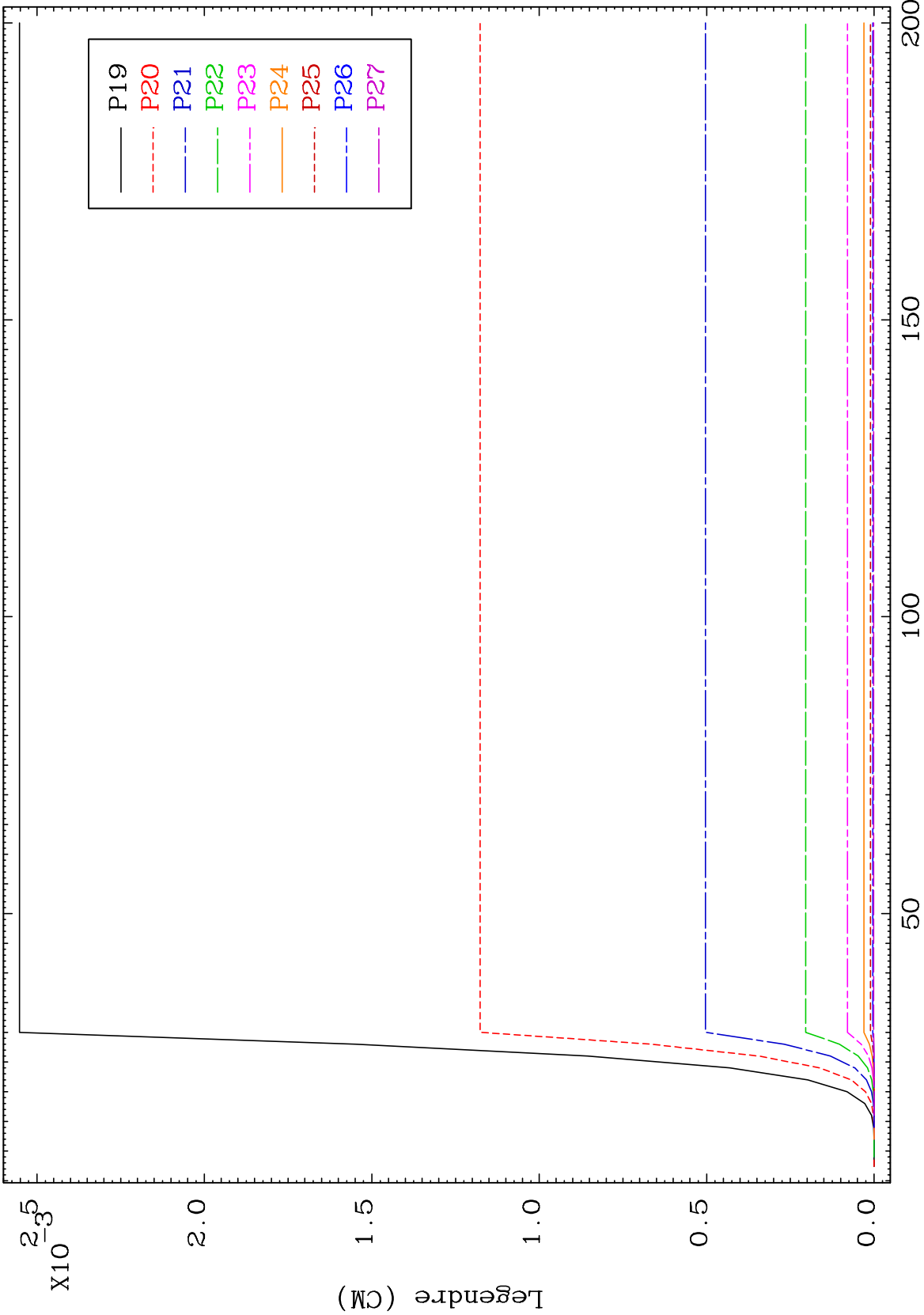
Incident Energy (MeV)

44

MAT 3822

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

38-Sr-83



45

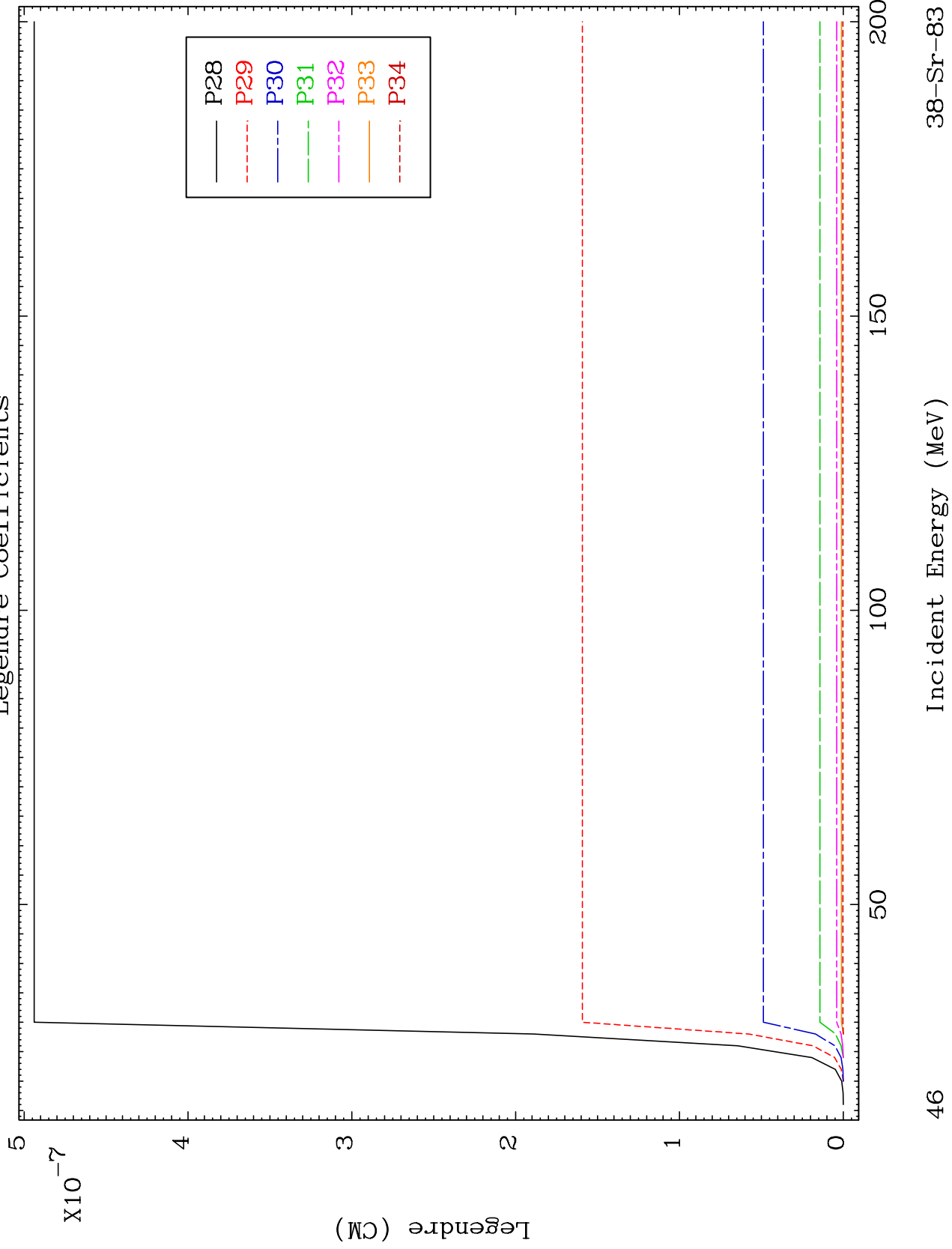
Incident Energy (MeV)

38-Sr-83

MAT 3822

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

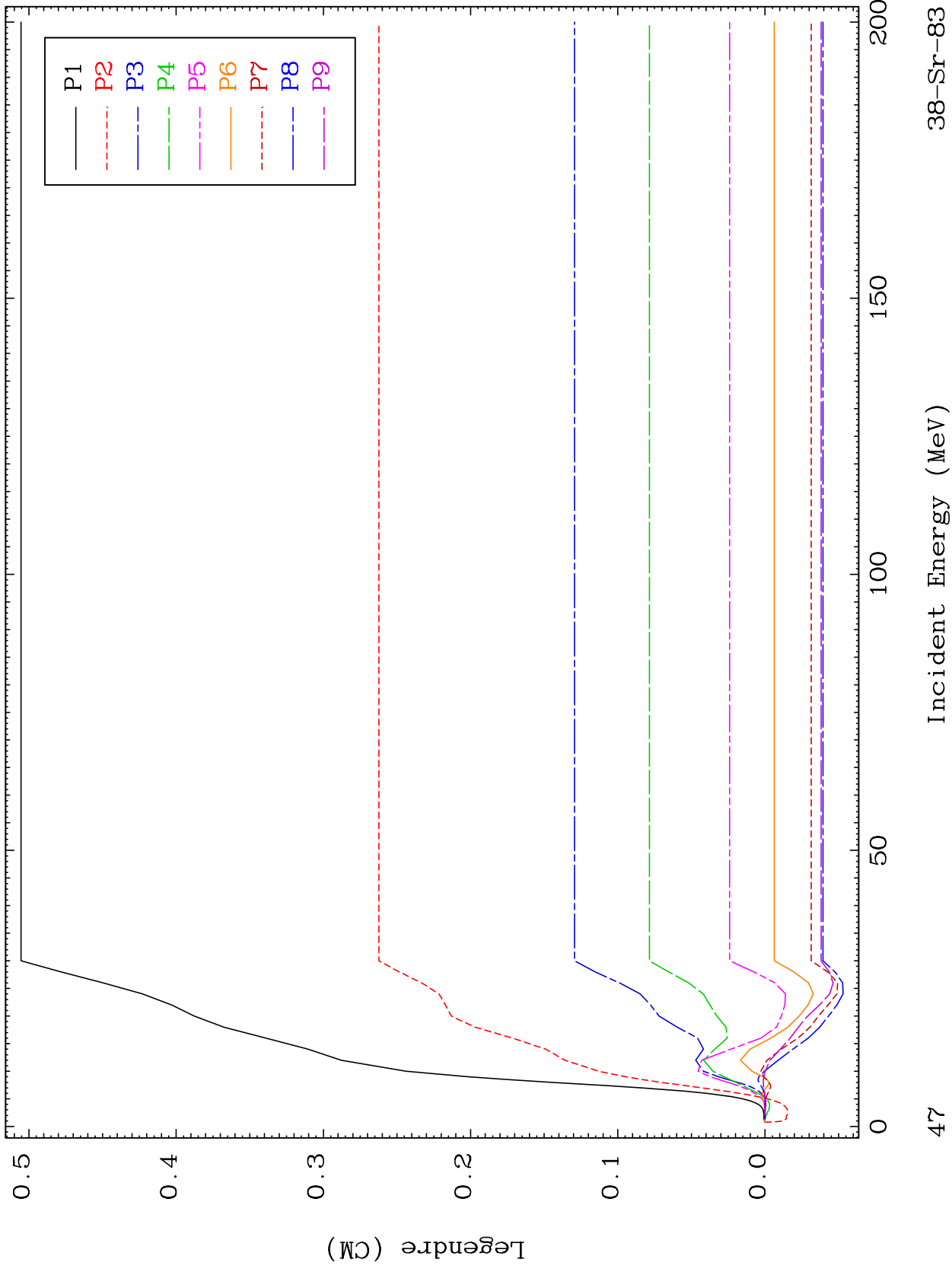
38-Sr-83



MAT 3822

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

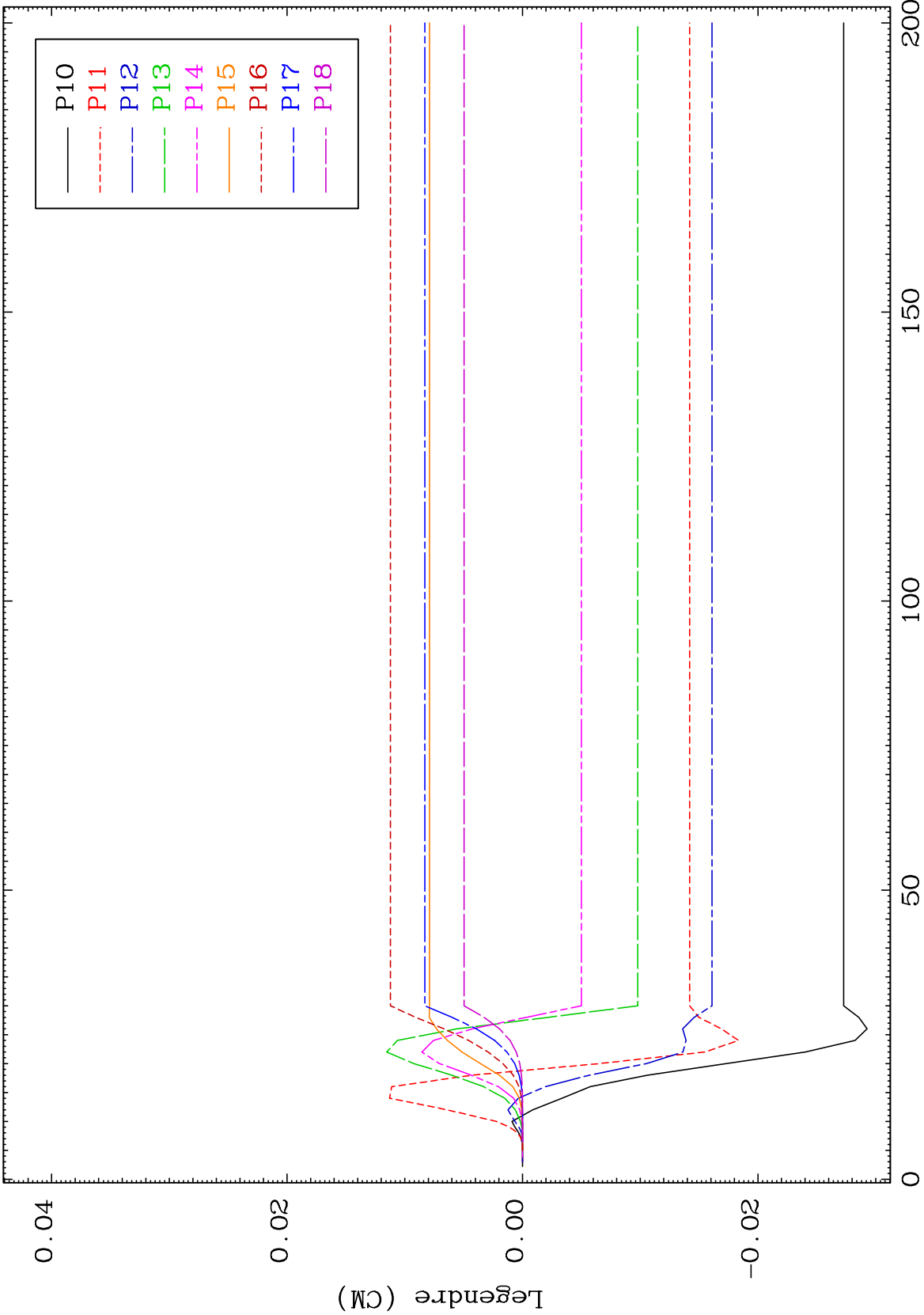
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MAT 3822

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

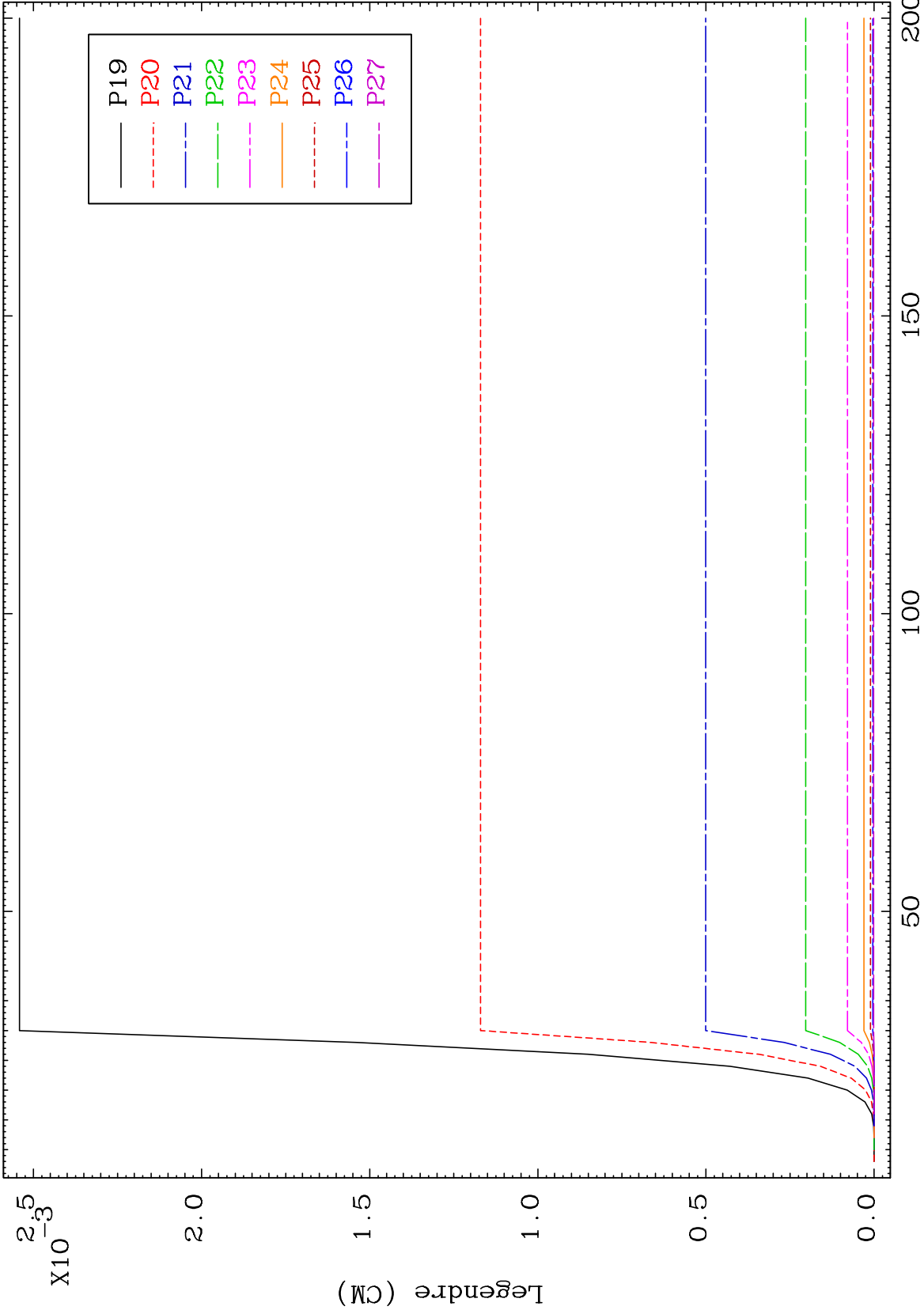
38-Sr-83



48

Incident Energy (MeV)

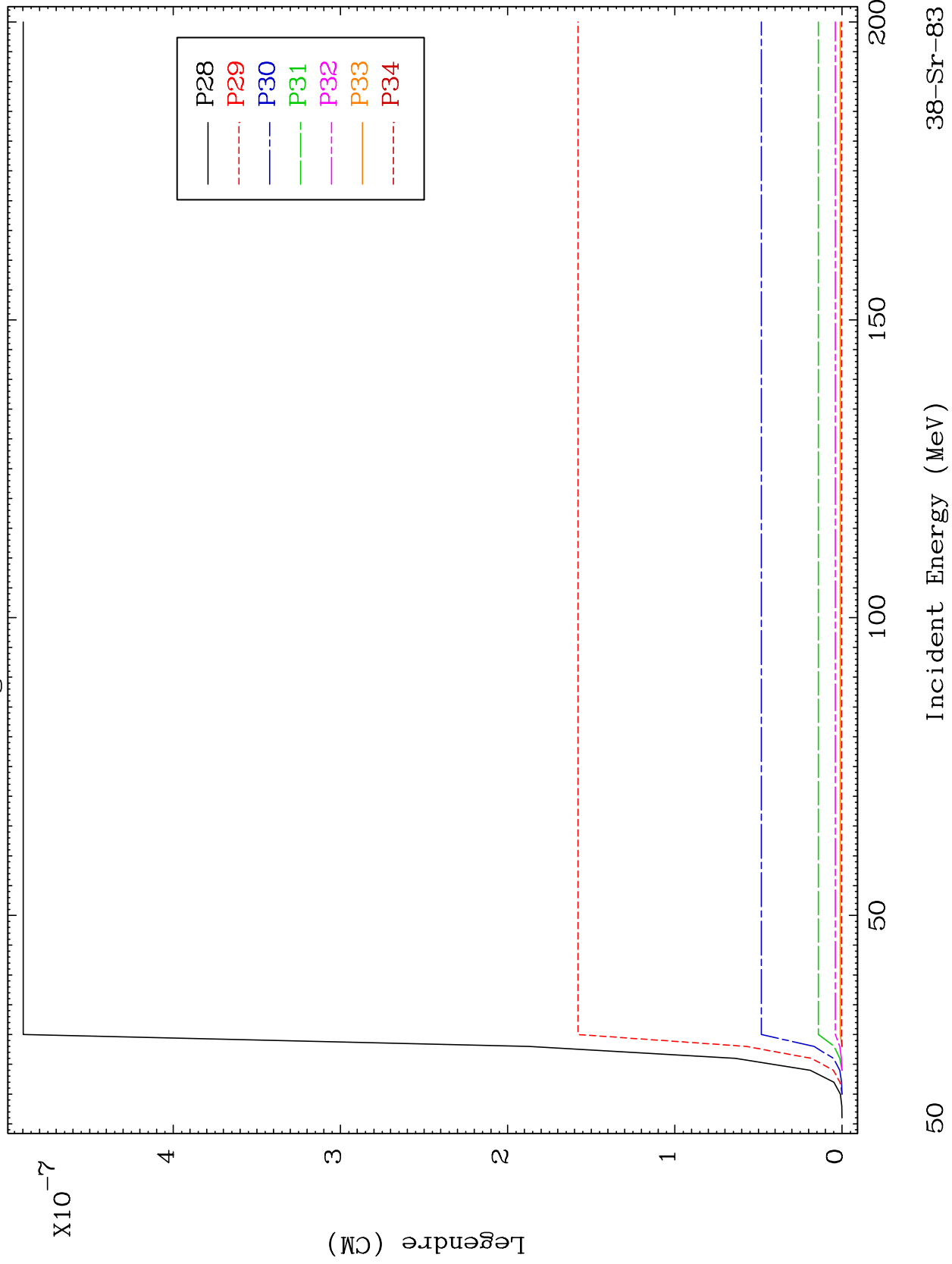
38-Sr-83



MAT 3822

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

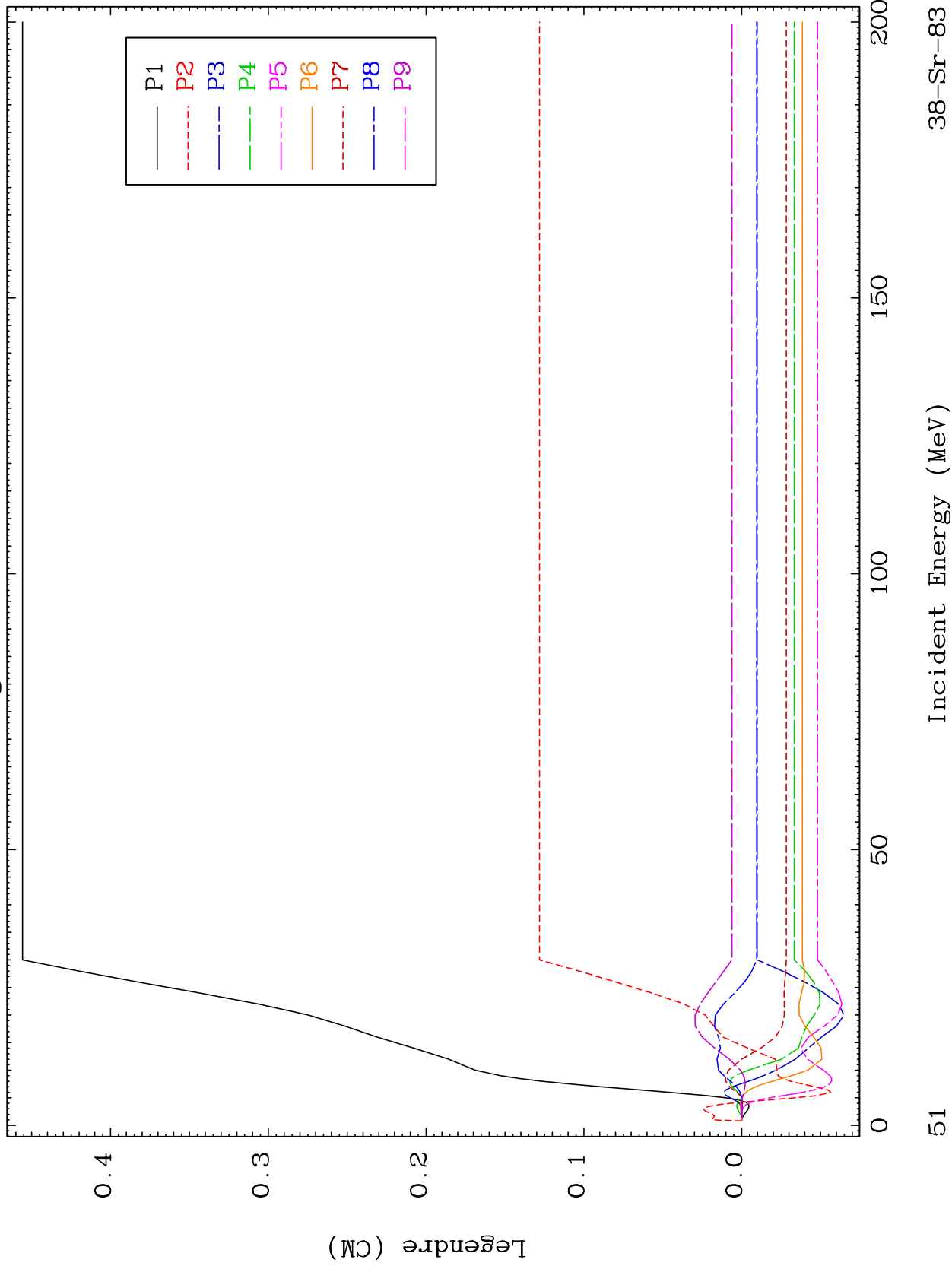
38-Sr-83



MAT 3822

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

38-Sr-83



38-Sr-83

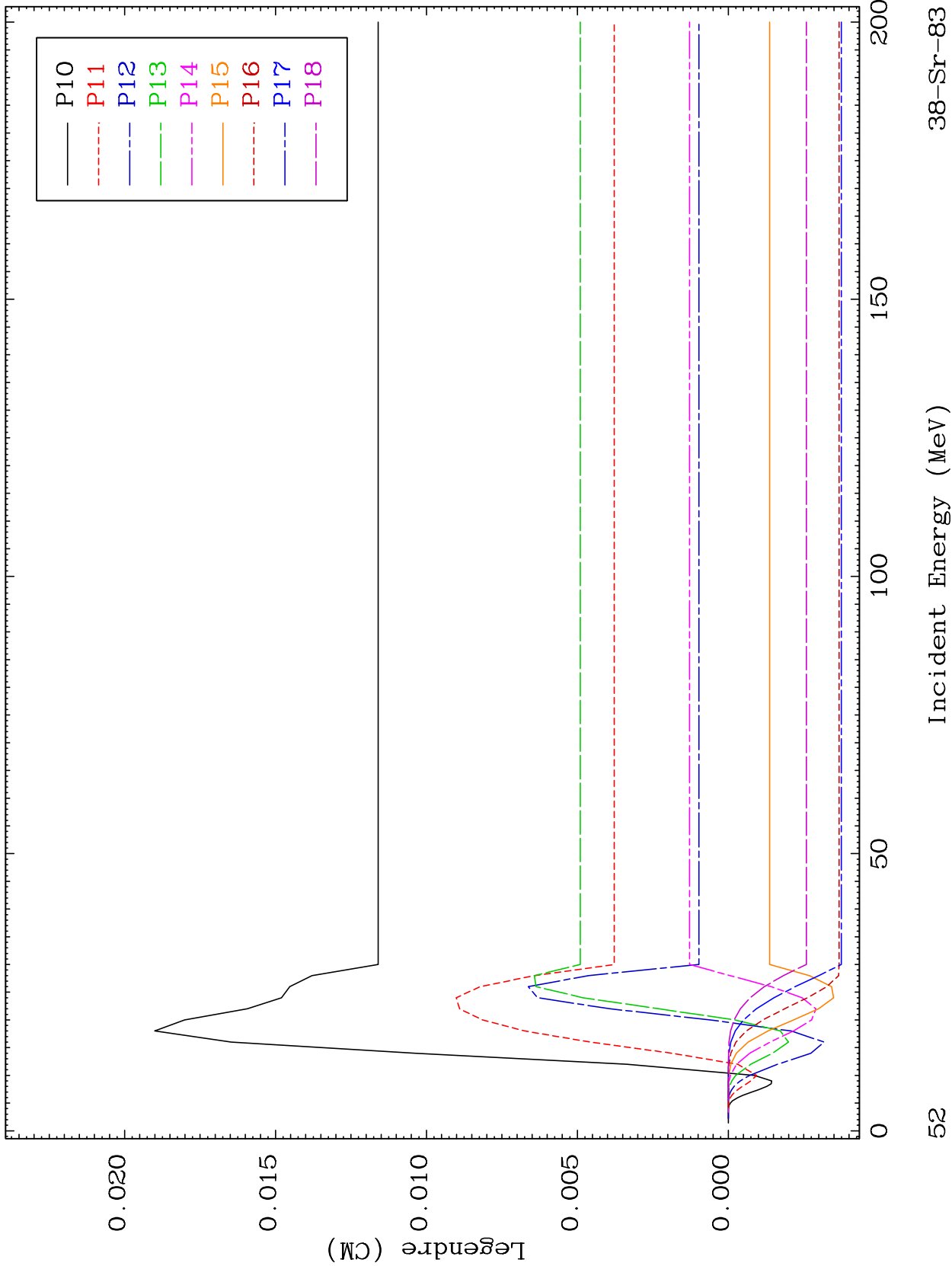
Incident Energy (MeV)

51

MAT 3822

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

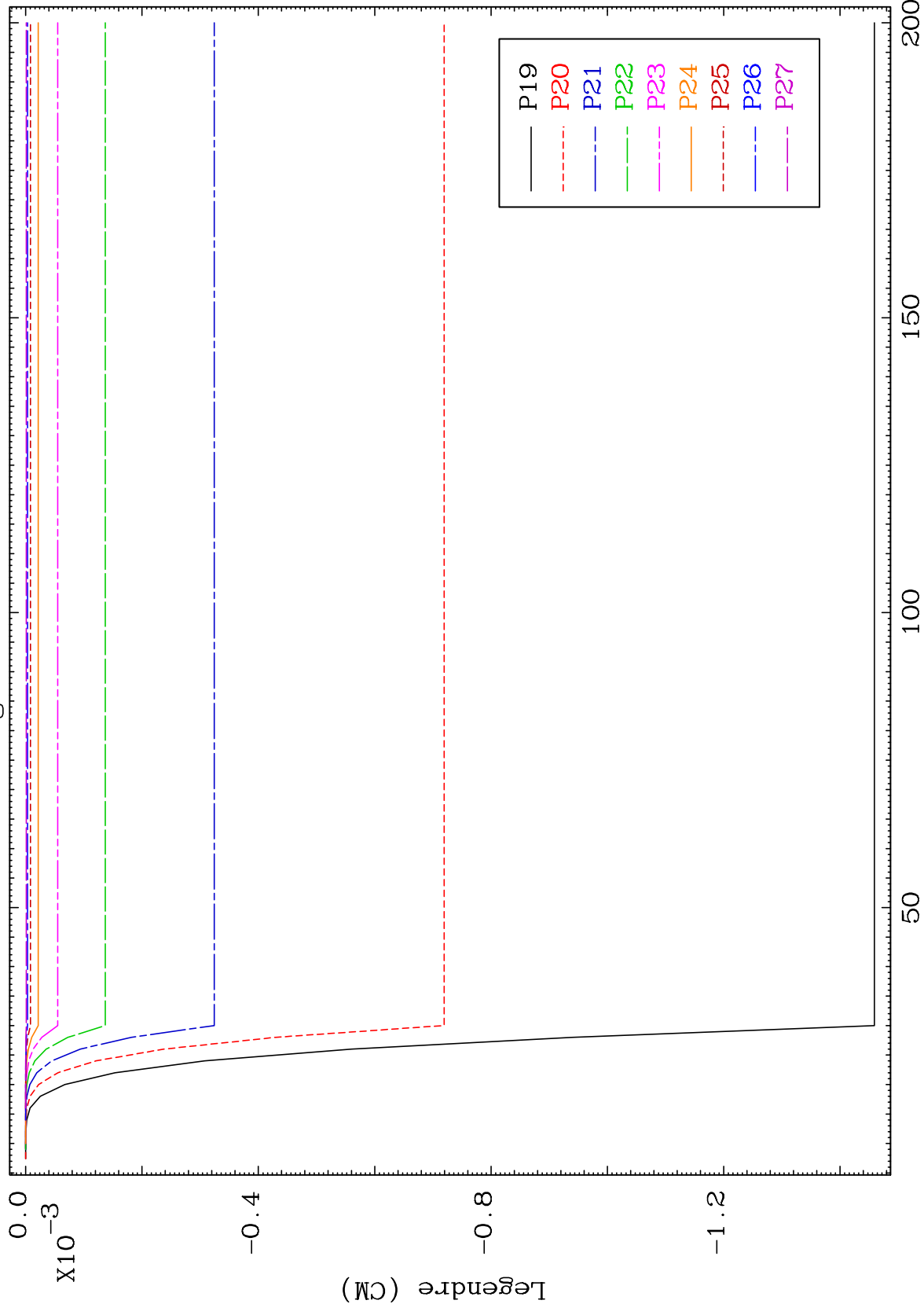
38-Sr-83



38-Sr-83

Incident Energy (MeV)

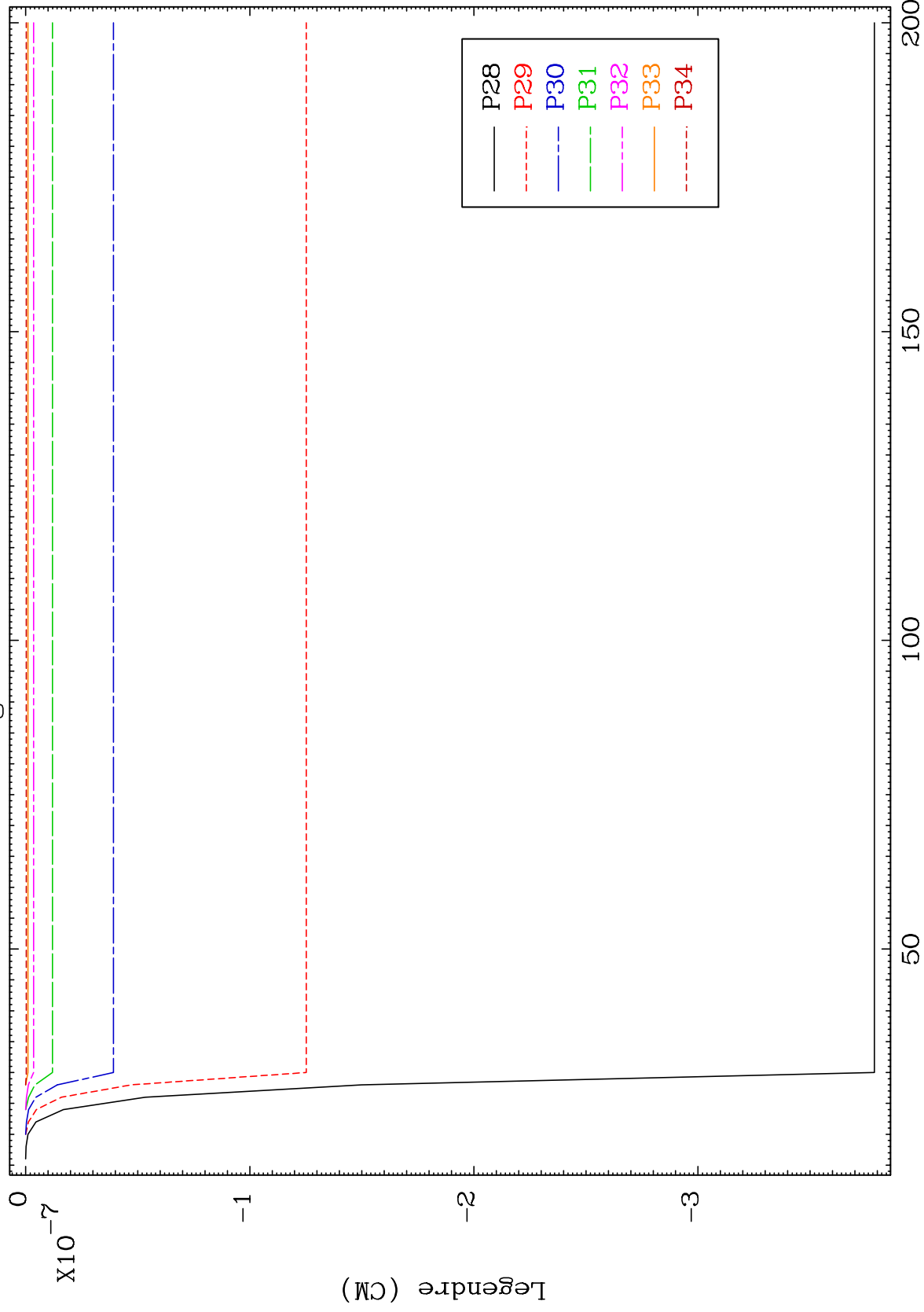
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MAT 3822

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

38-Sr-83



54

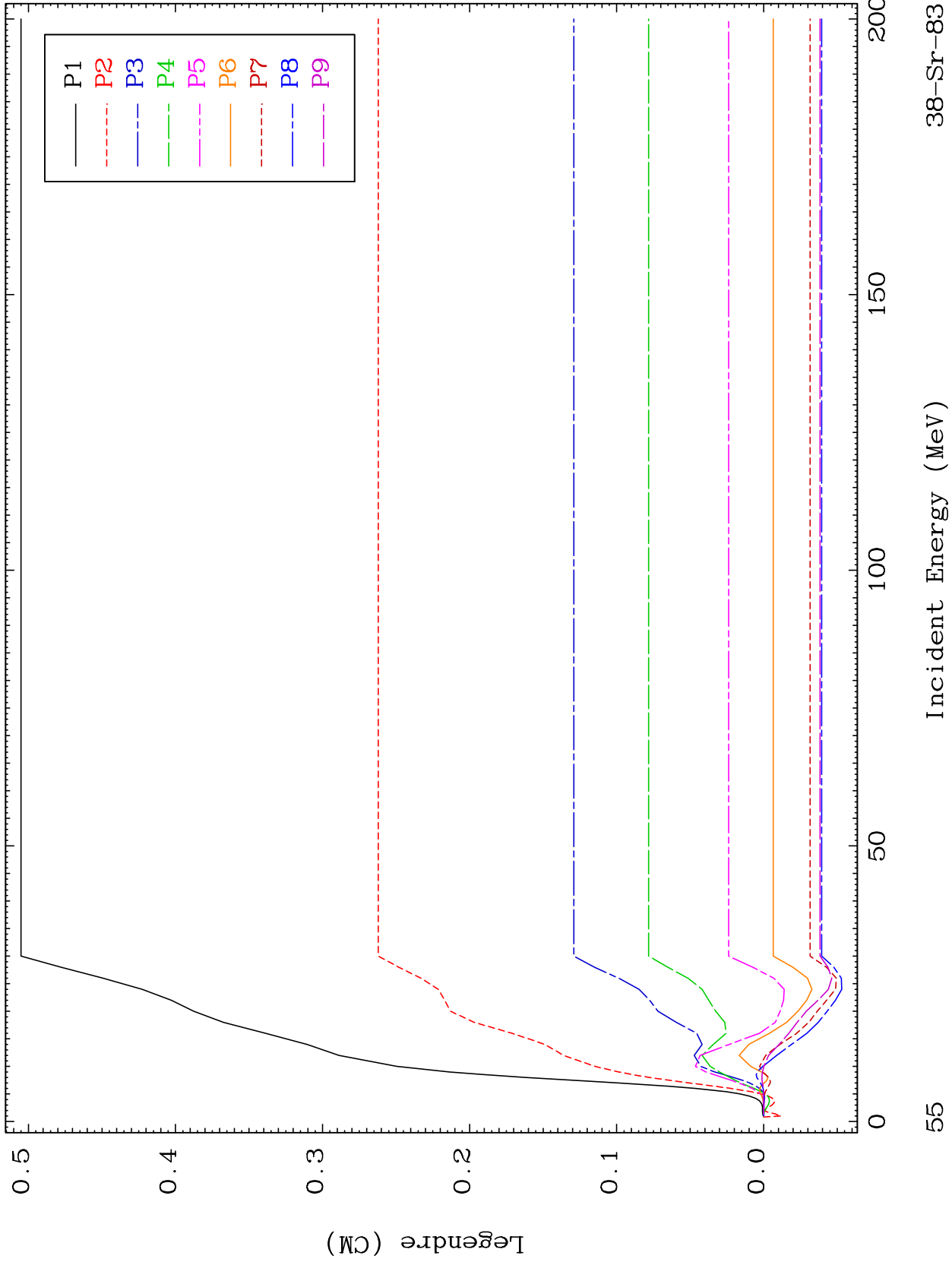
Incident Energy (MeV)

38-Sr-83

MAT 3822

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

38-Sr-83



38-Sr-83

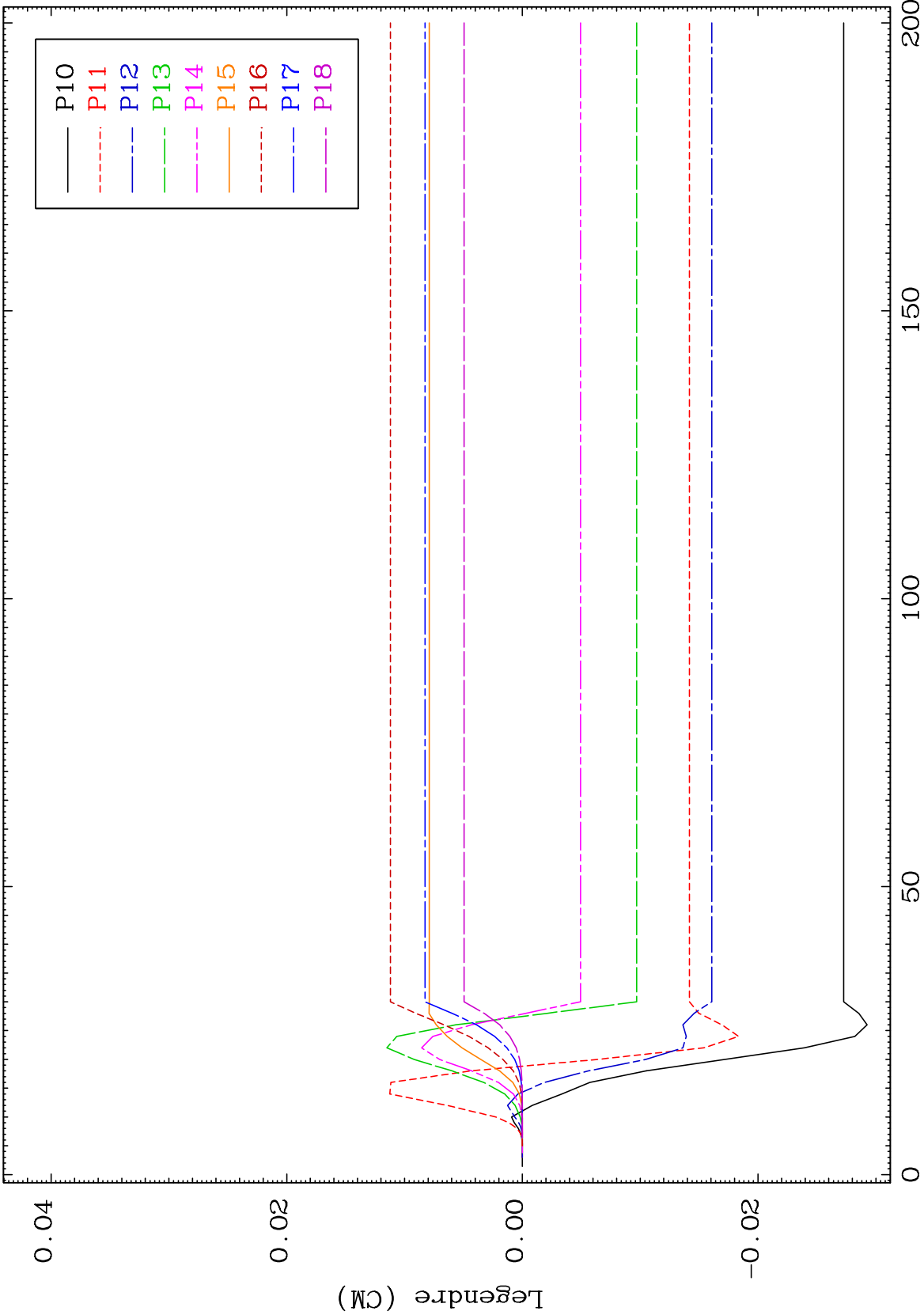
Incident Energy (MeV)

55

MAT 3822

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

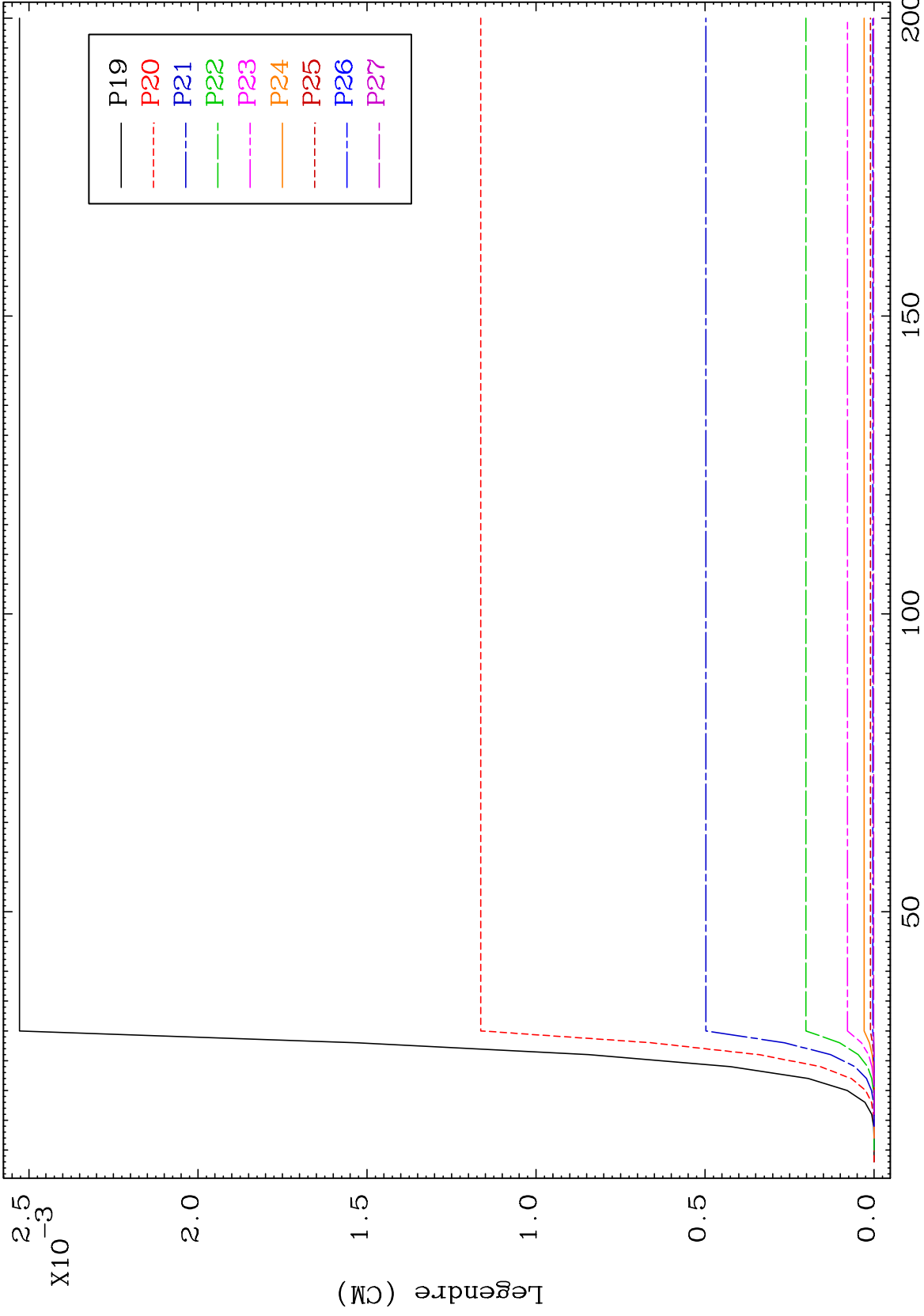
38-Sr-83



56

Incident Energy (MeV)

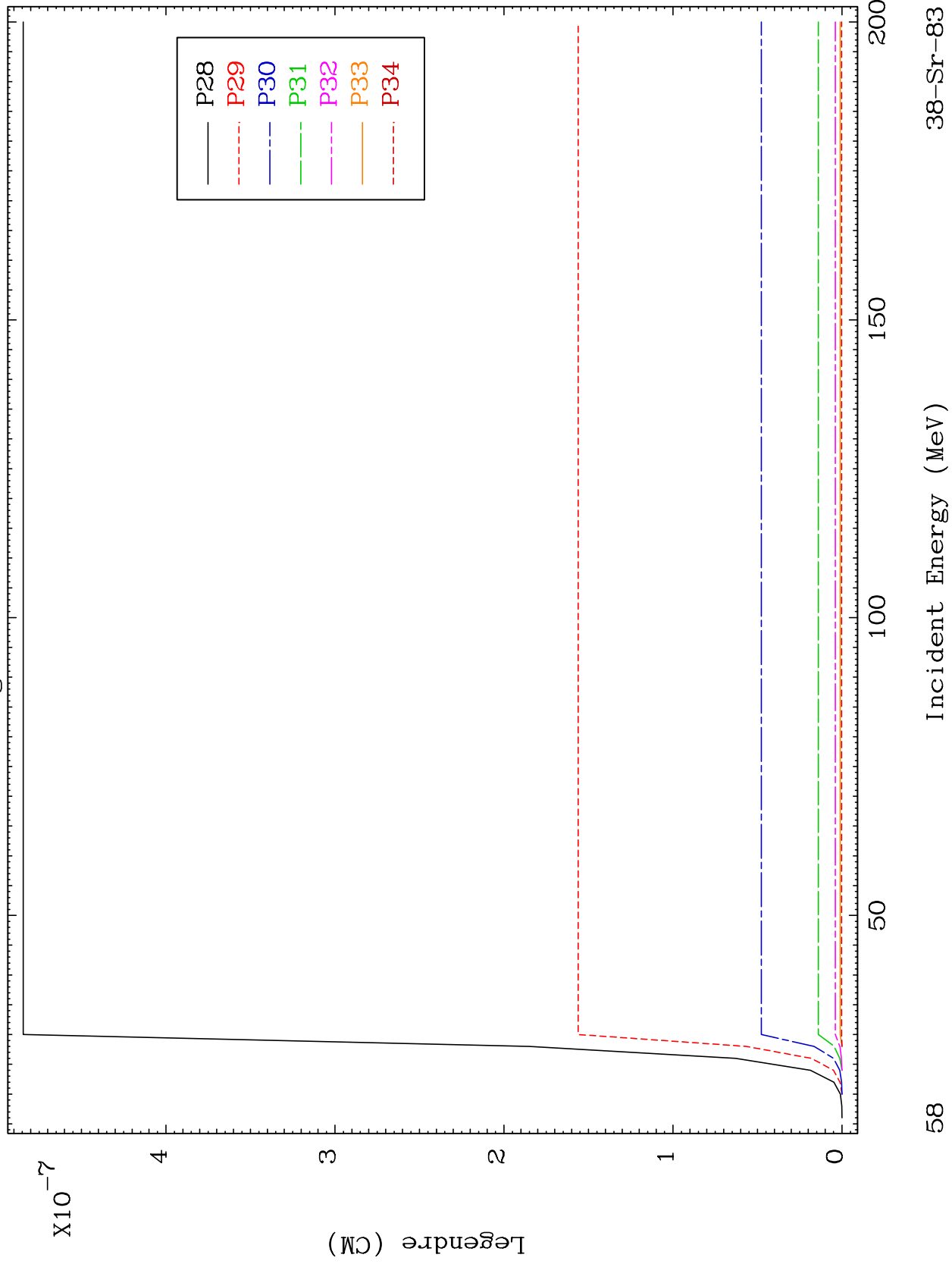
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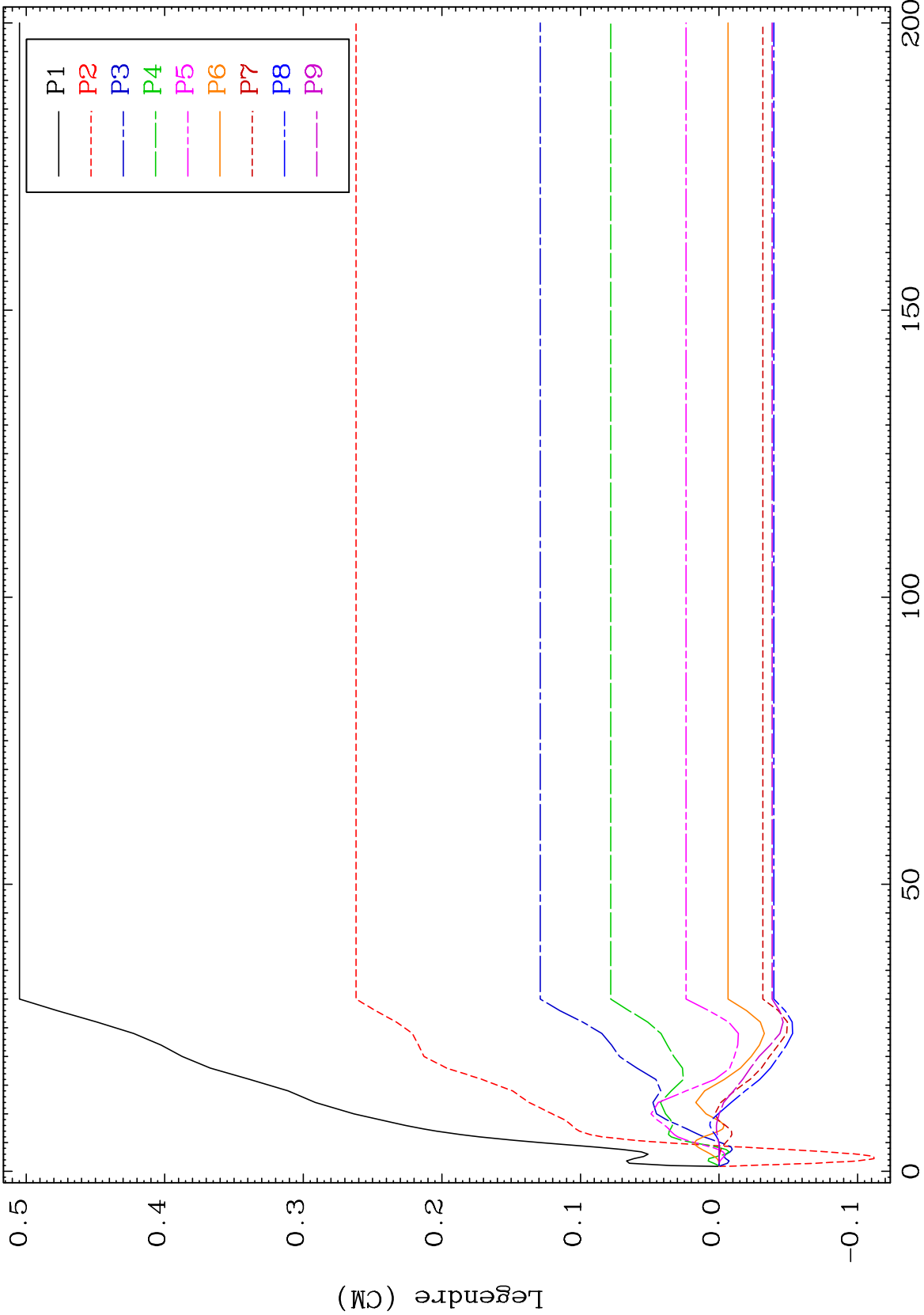


MAT 3822

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

38-Sr-83

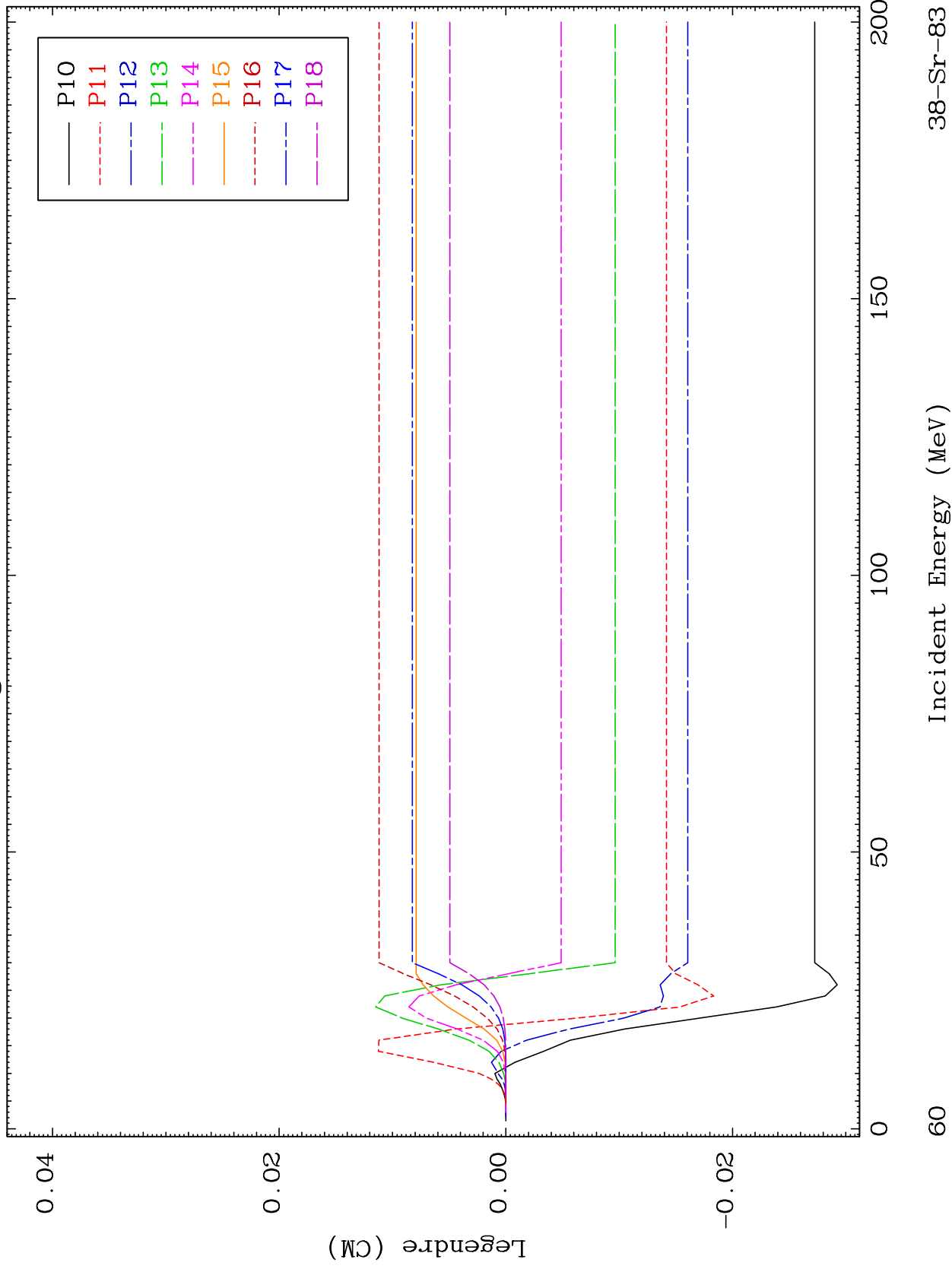




MAT 3822

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

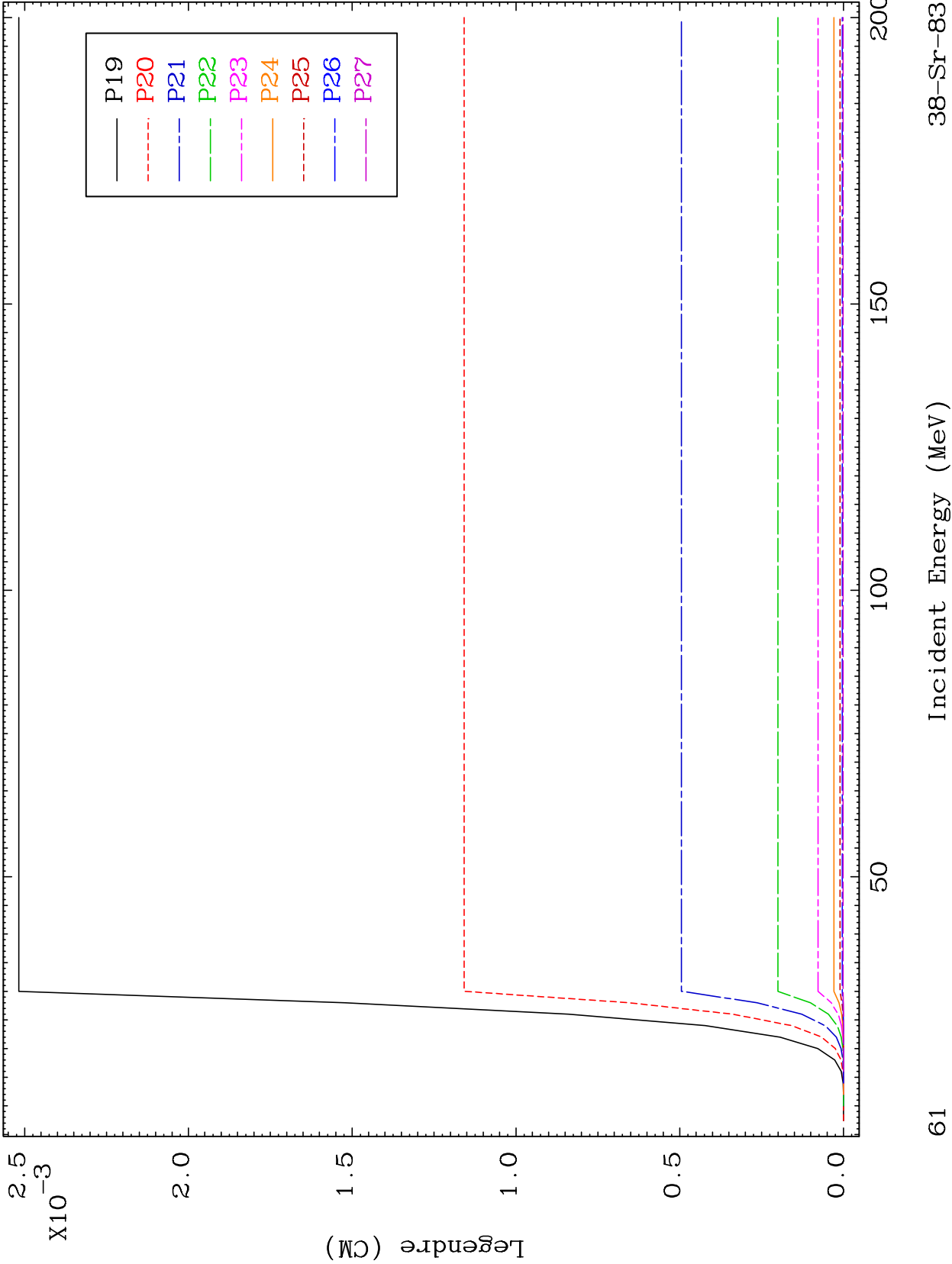
38-Sr-83



38-Sr-83

Incident Energy (MeV)

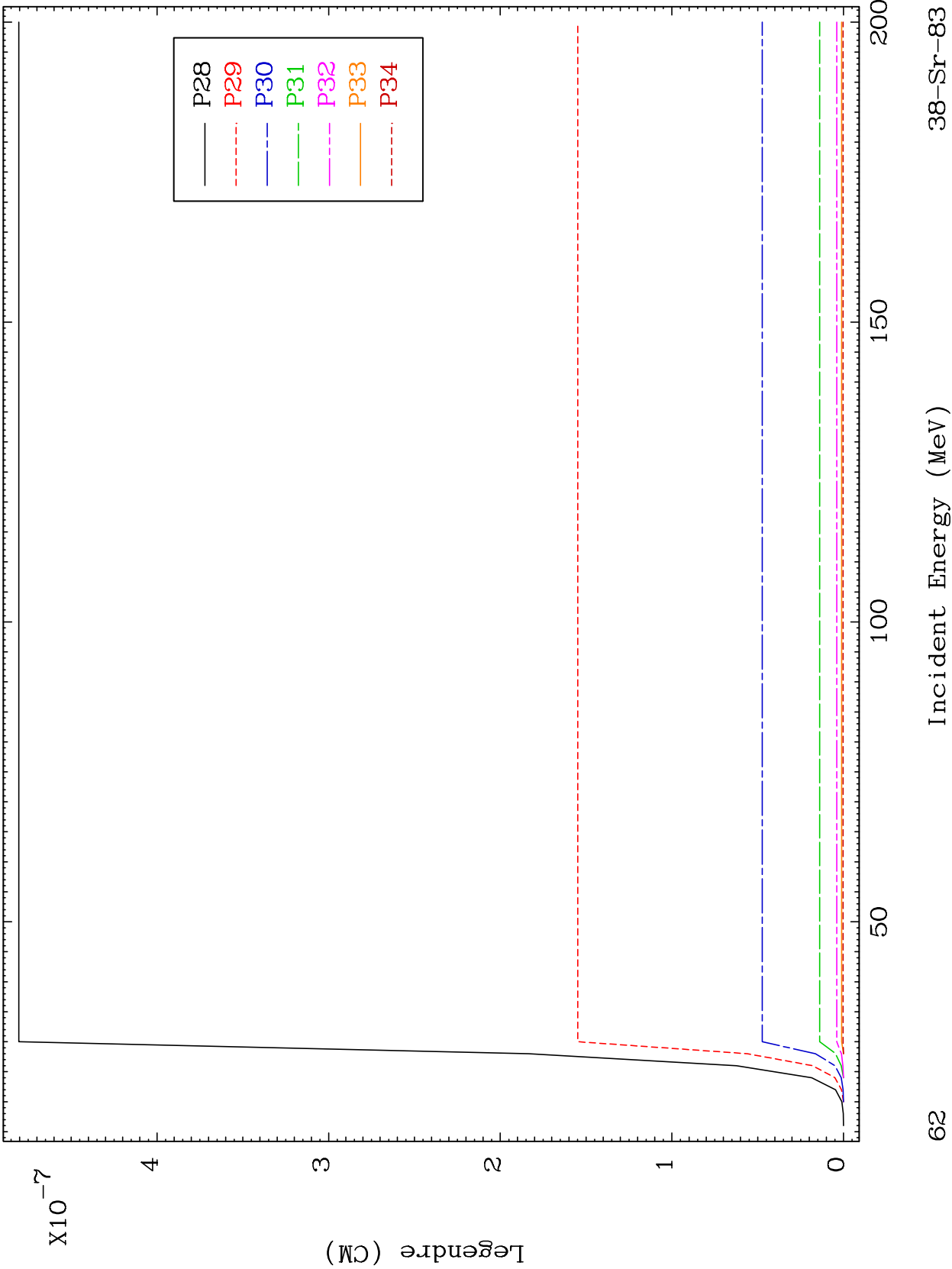
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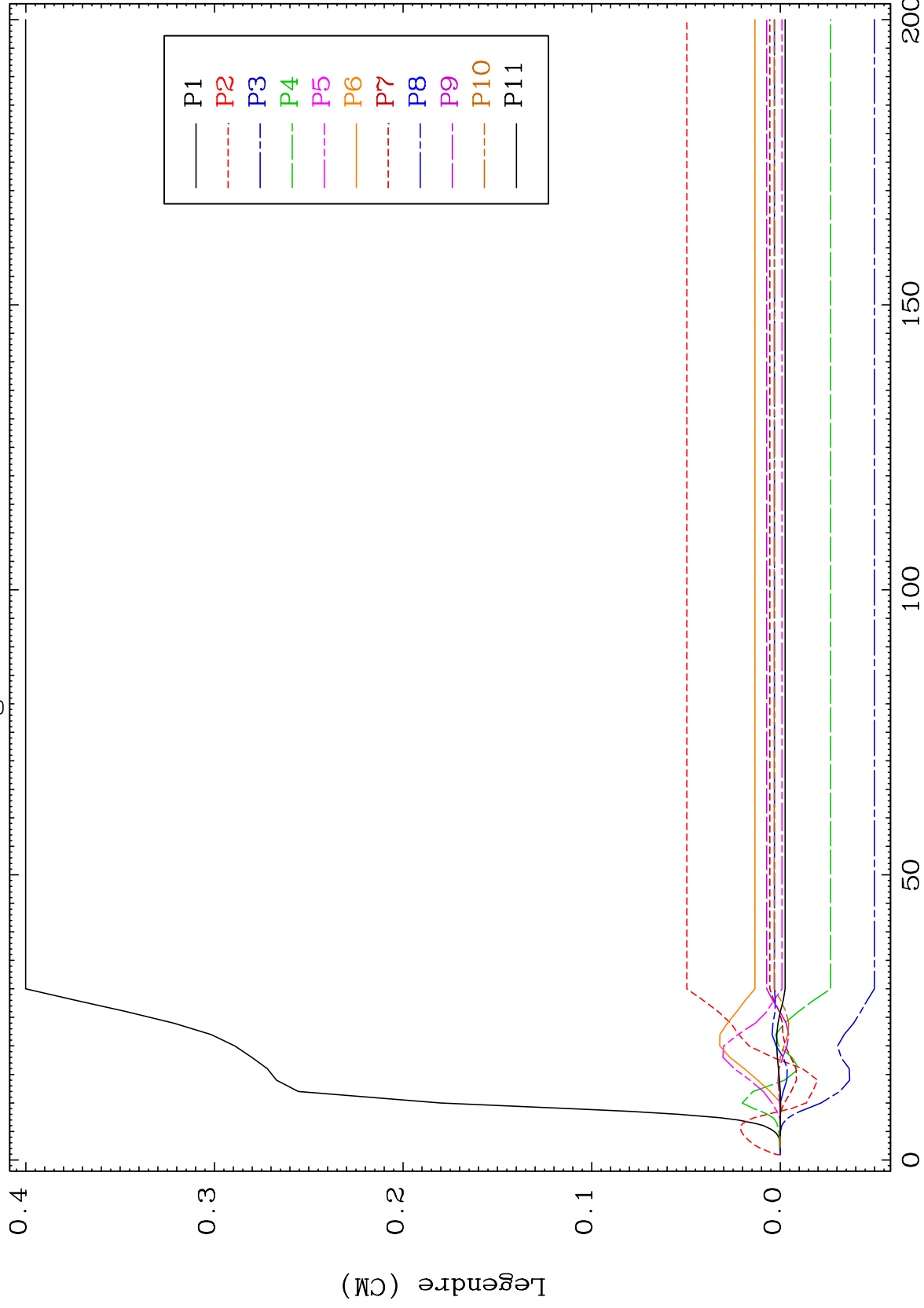


MAT 3822

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

38-Sr-83

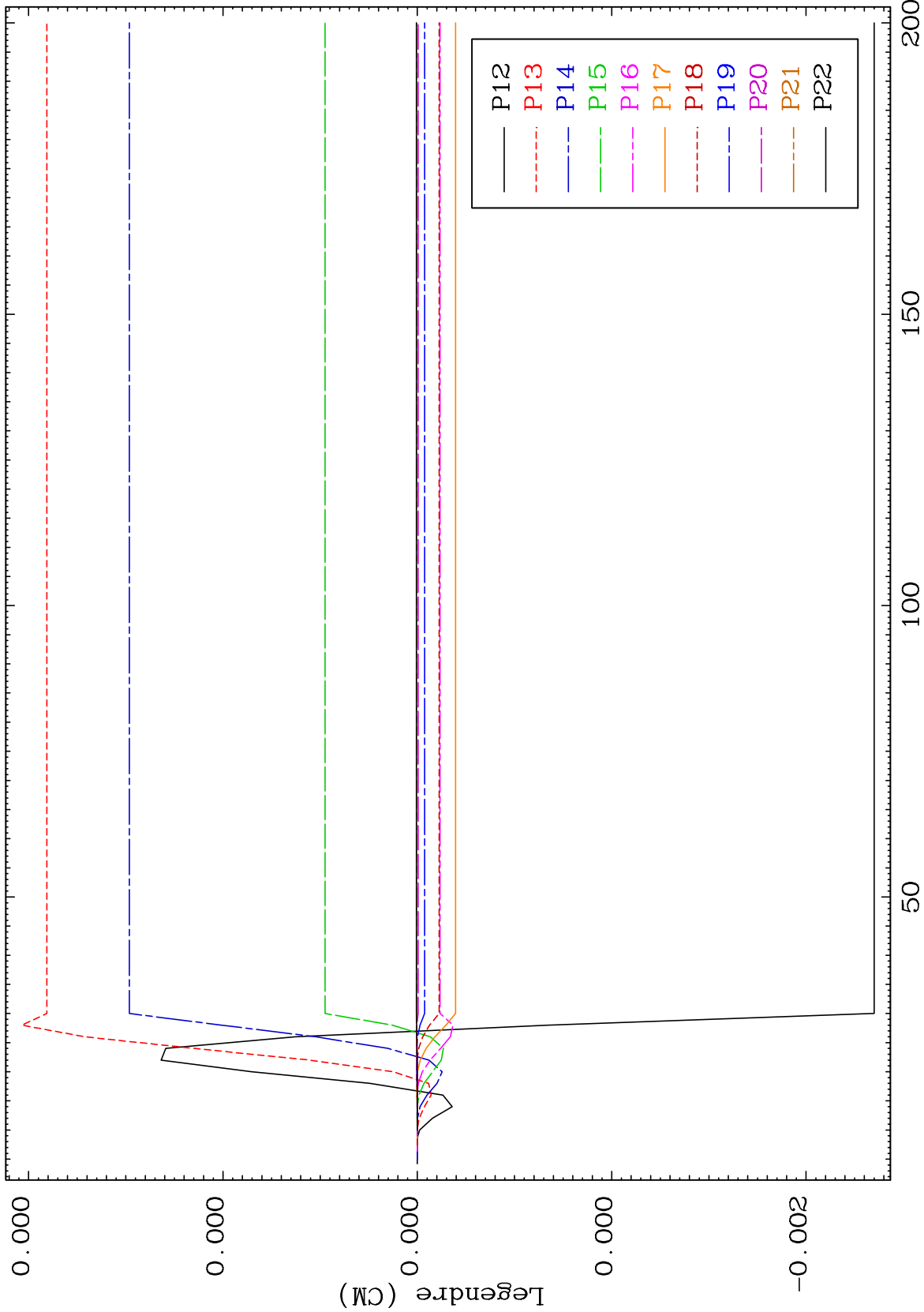




MAT 38222

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

38-Sr-83



64

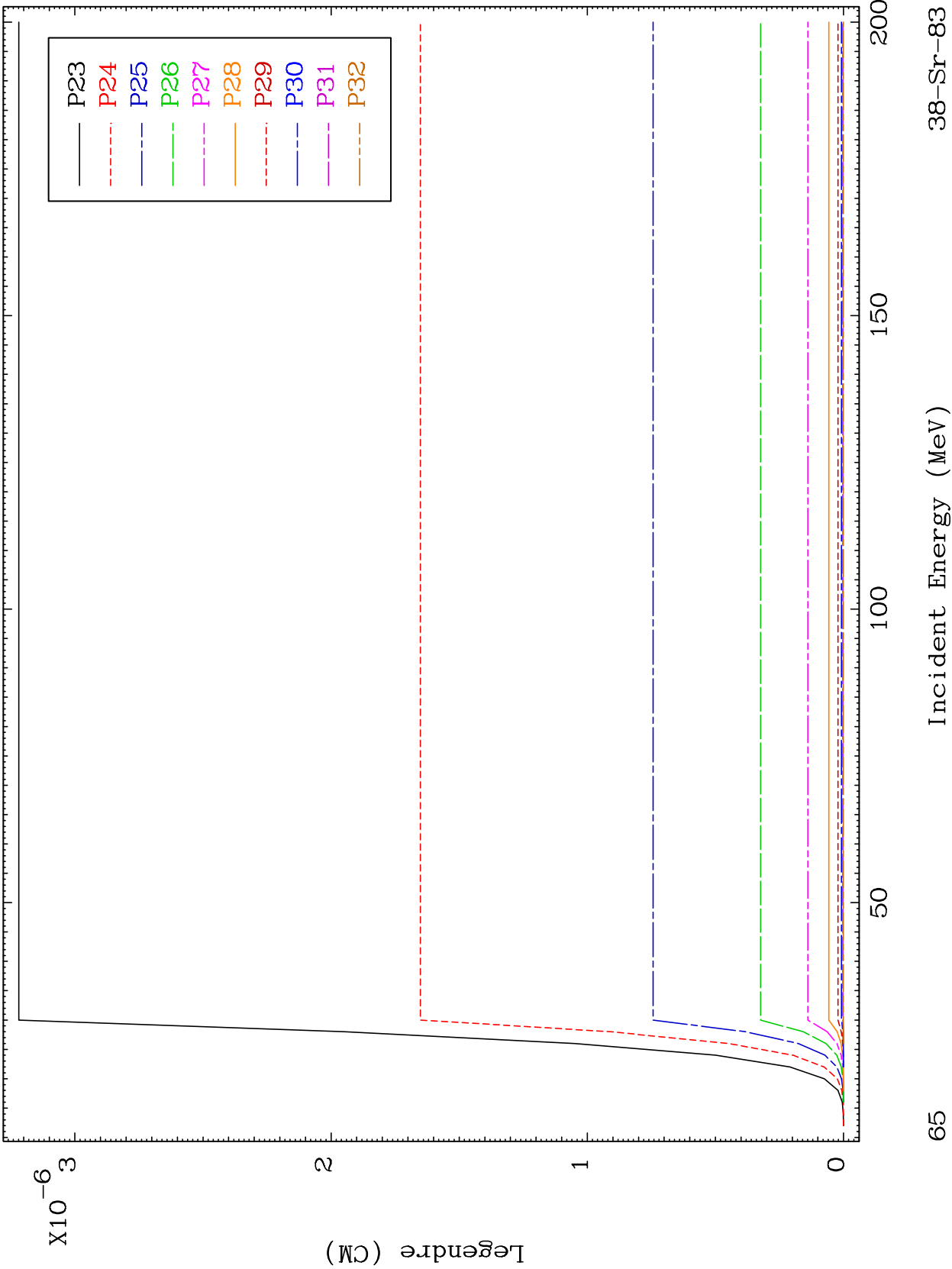
Incident Energy (MeV)

38-Sr-83

MAT 3822

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

38-Sr-83

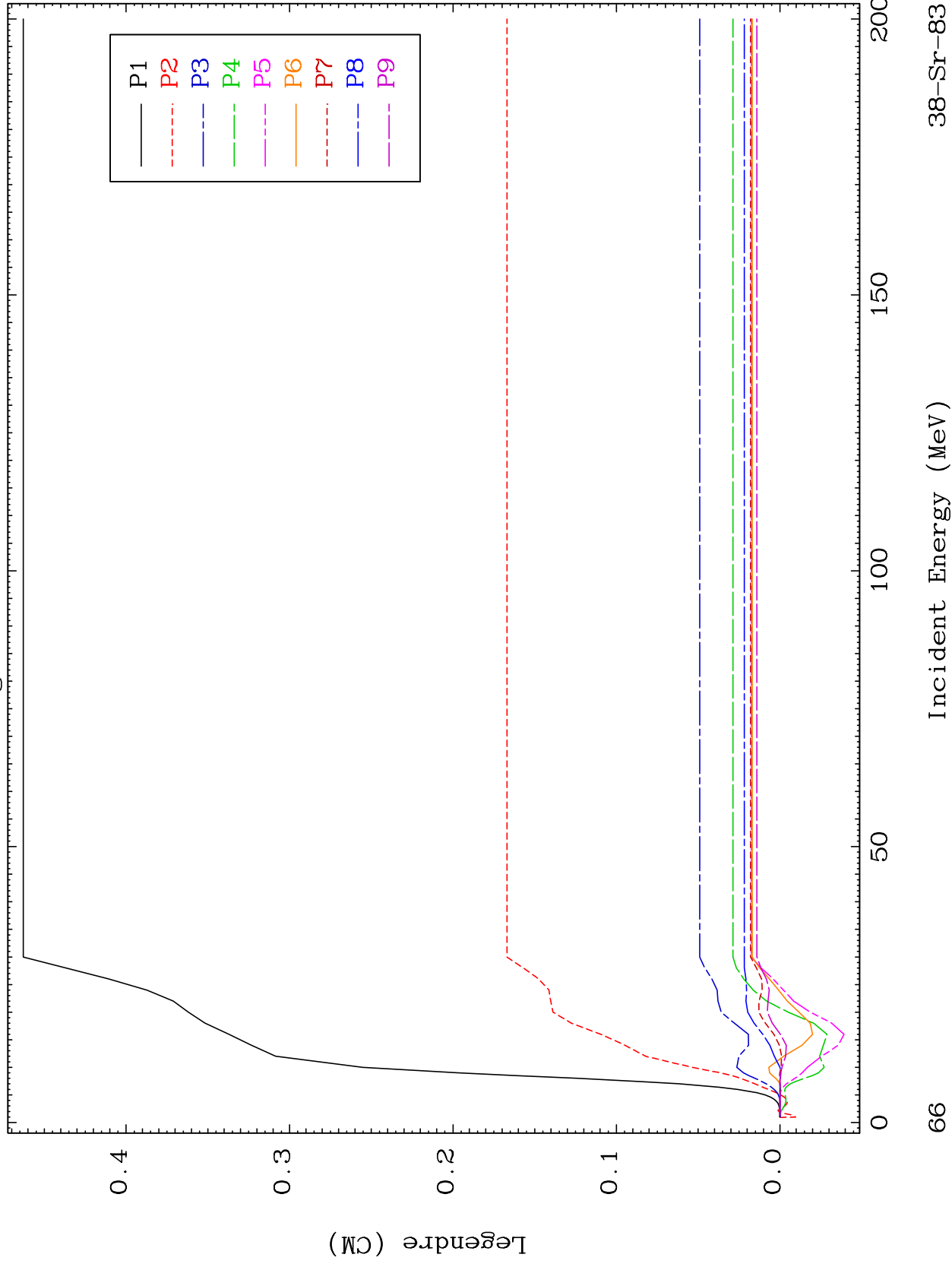


65

MAT 38222

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

38-Sr-83



66

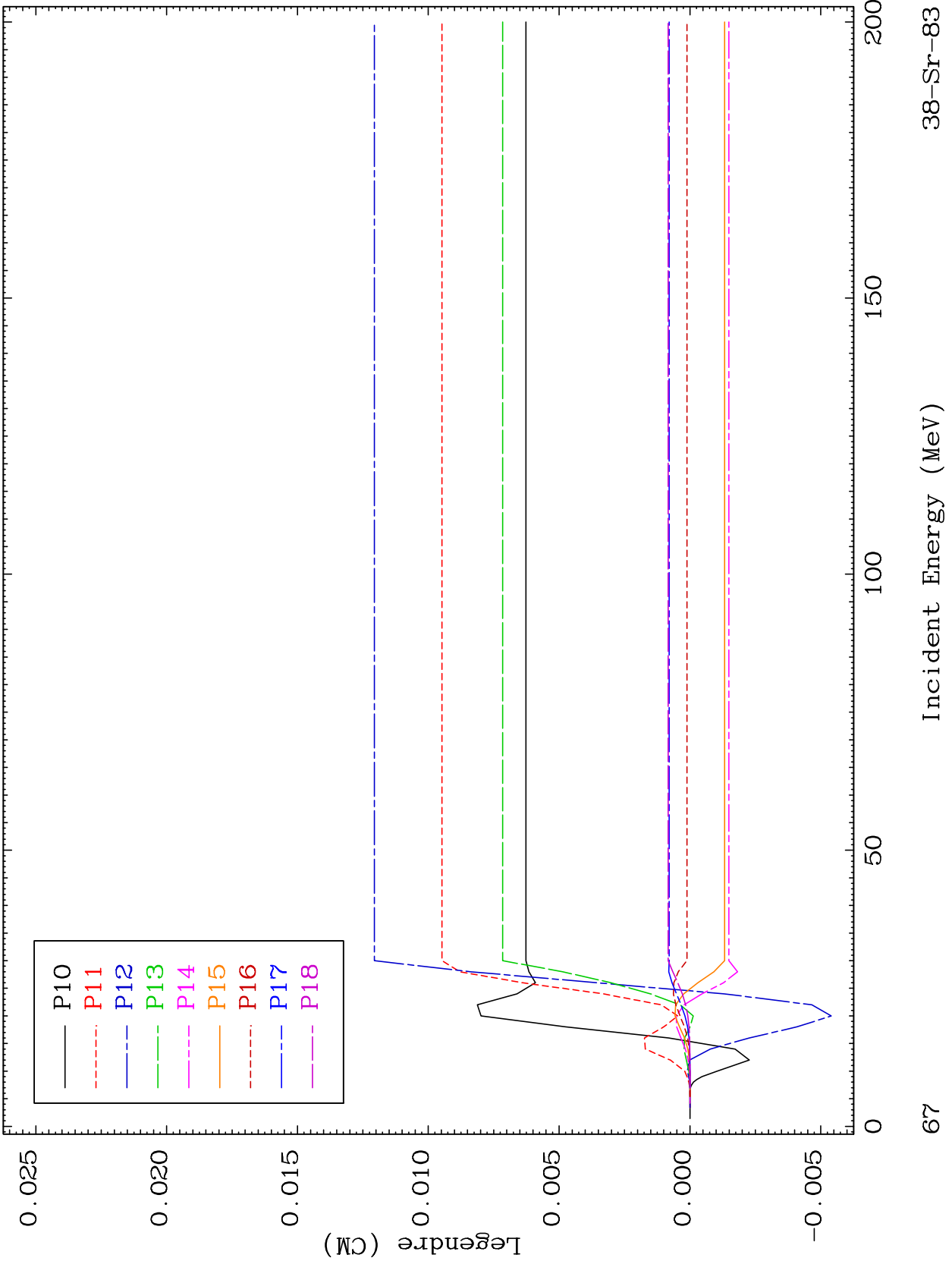
Incident Energy (MeV)

38-Sr-83

MAT 3822

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

38-Sr-83



67

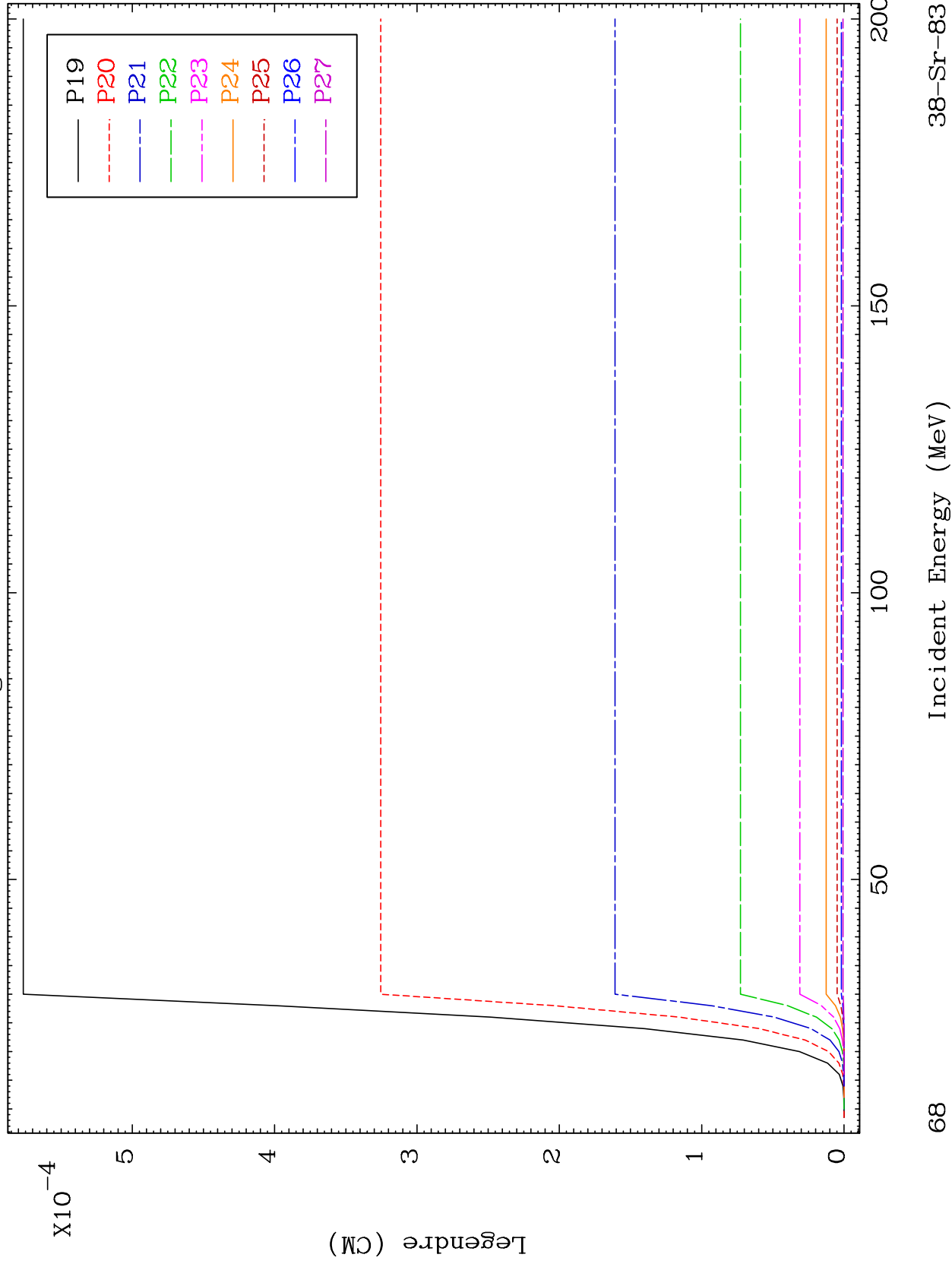
Incident Energy (MeV)

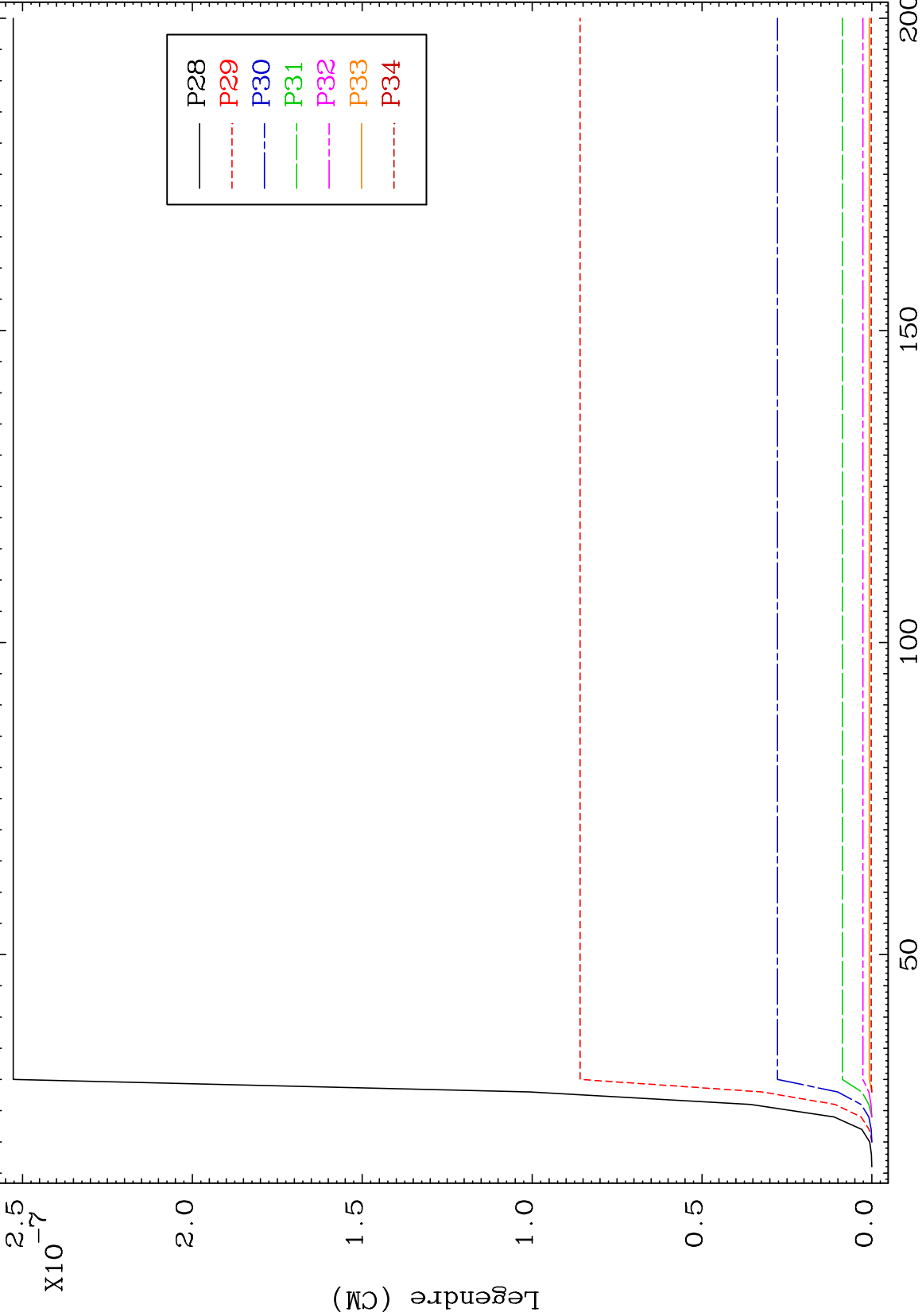
38-Sr-83

MAT 3822

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

38-Sr-83

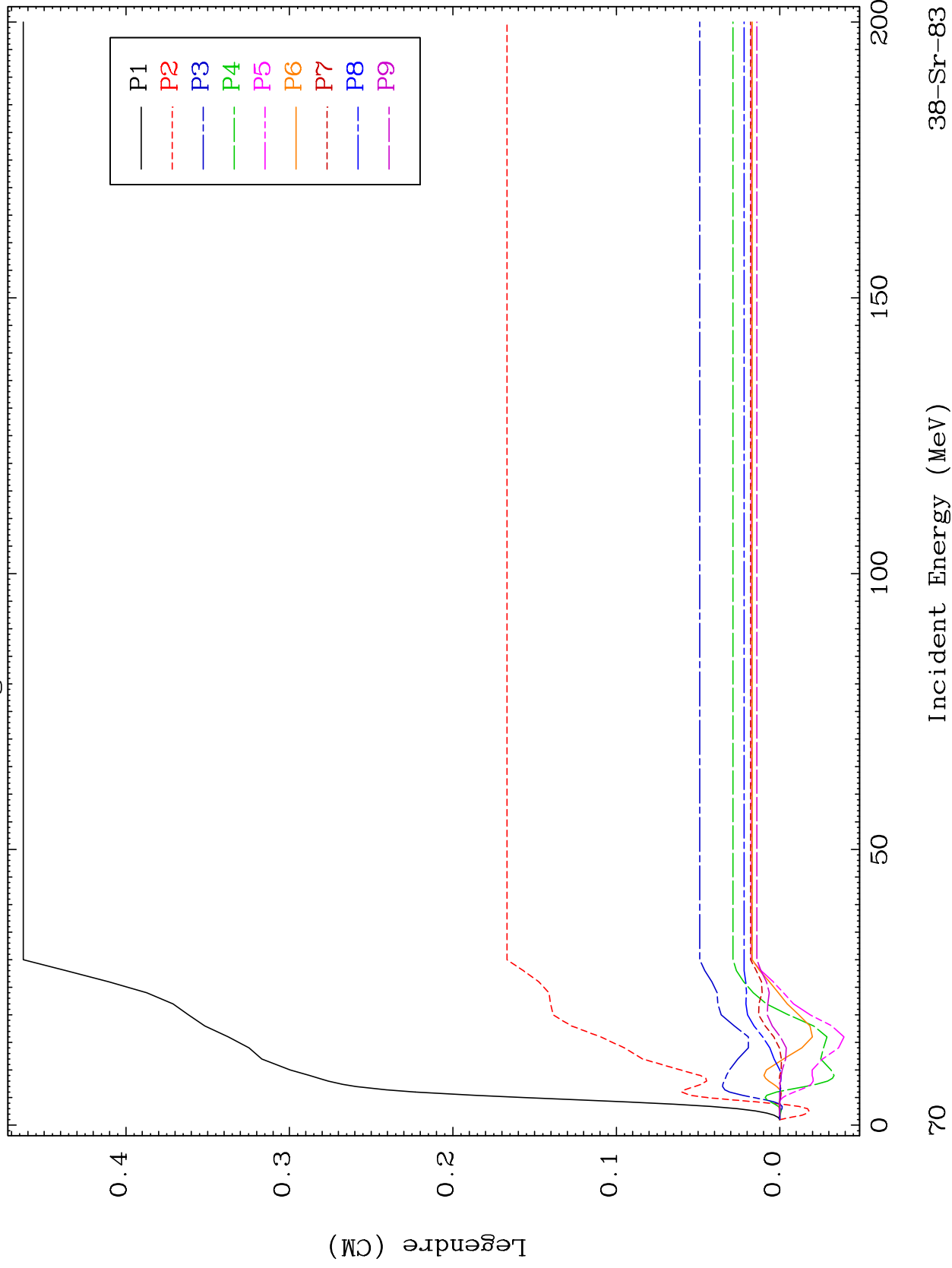




MAT 38222

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

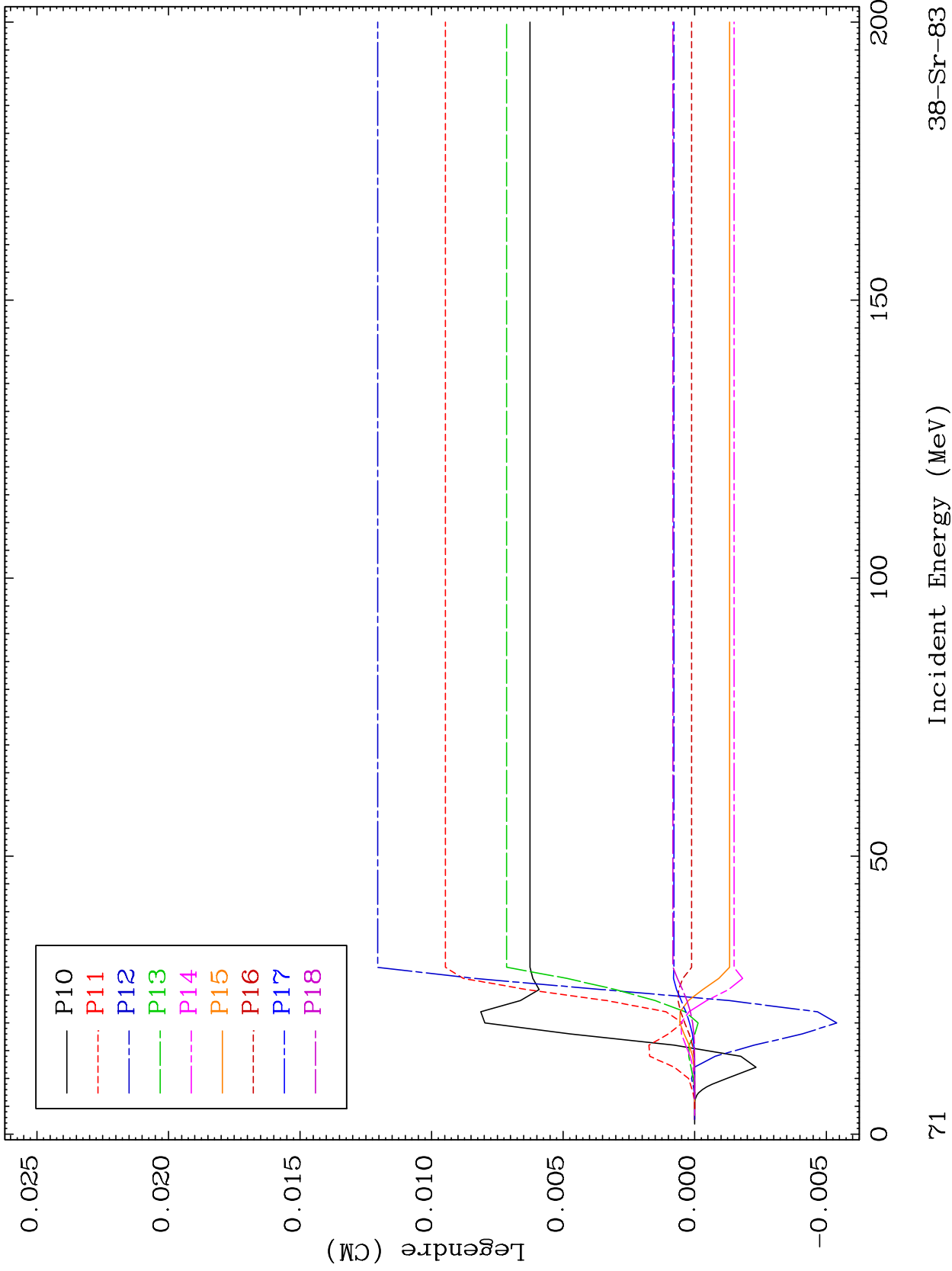
38-Sr-83

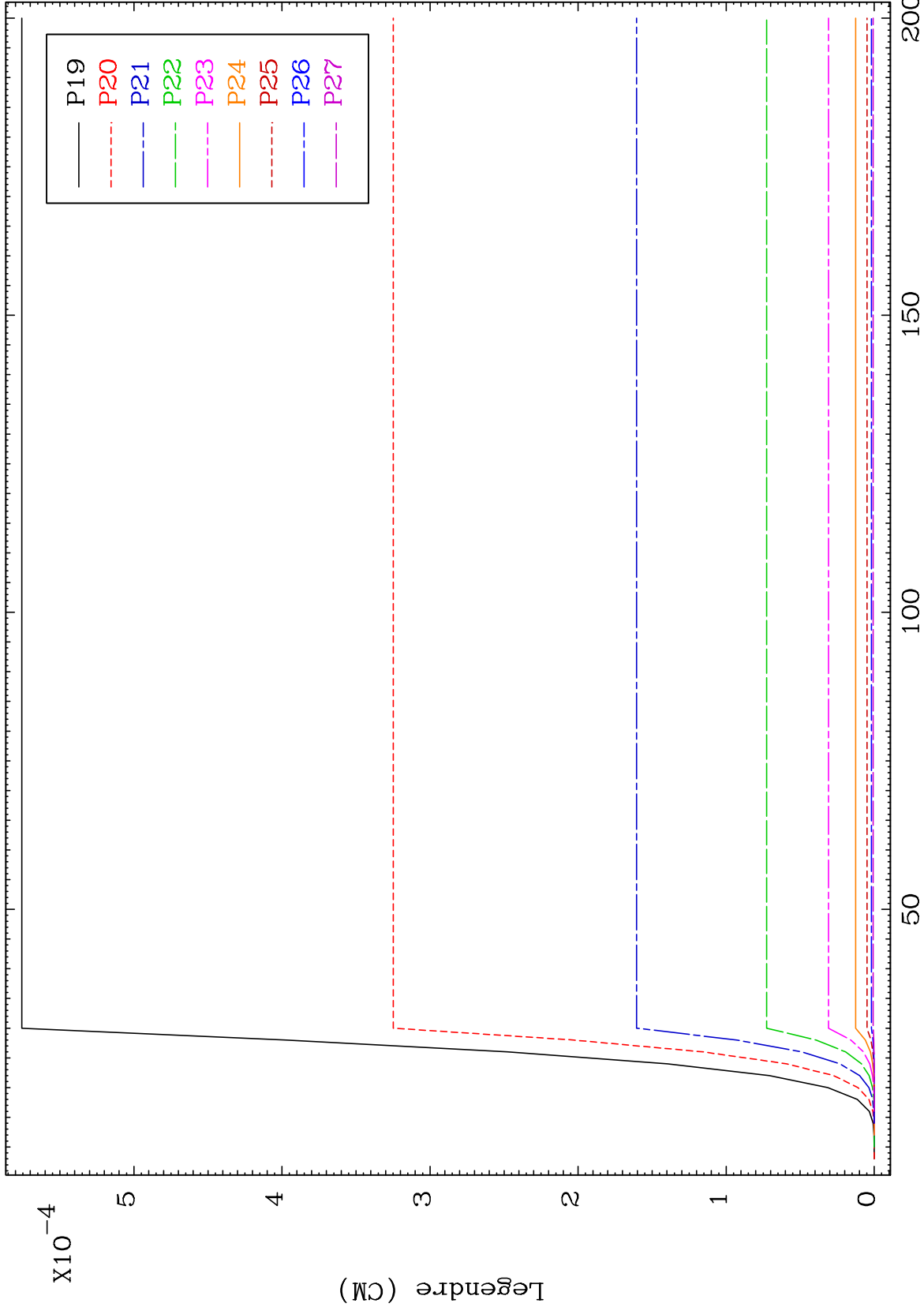


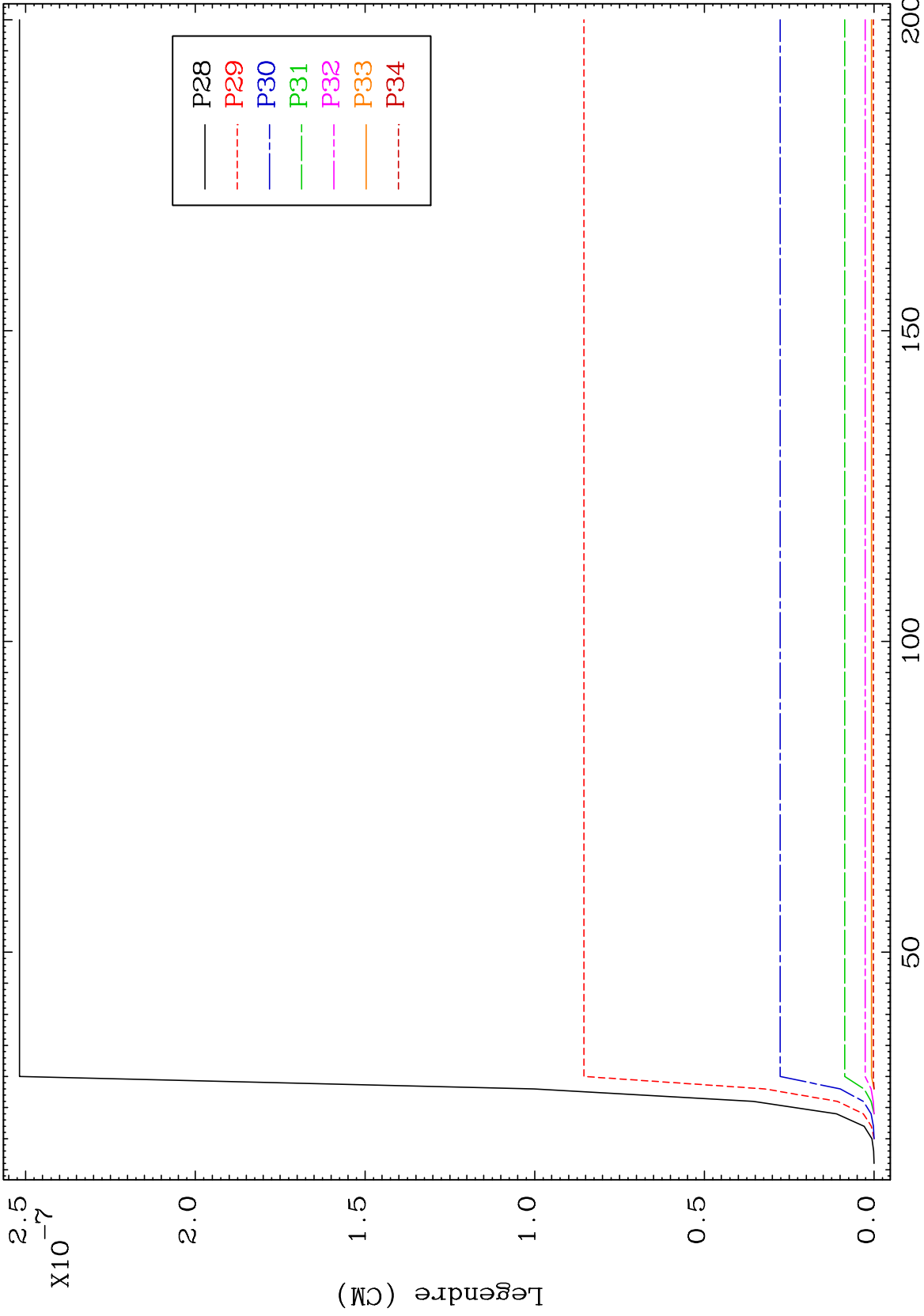
38-Sr-83

Incident Energy (MeV)

70



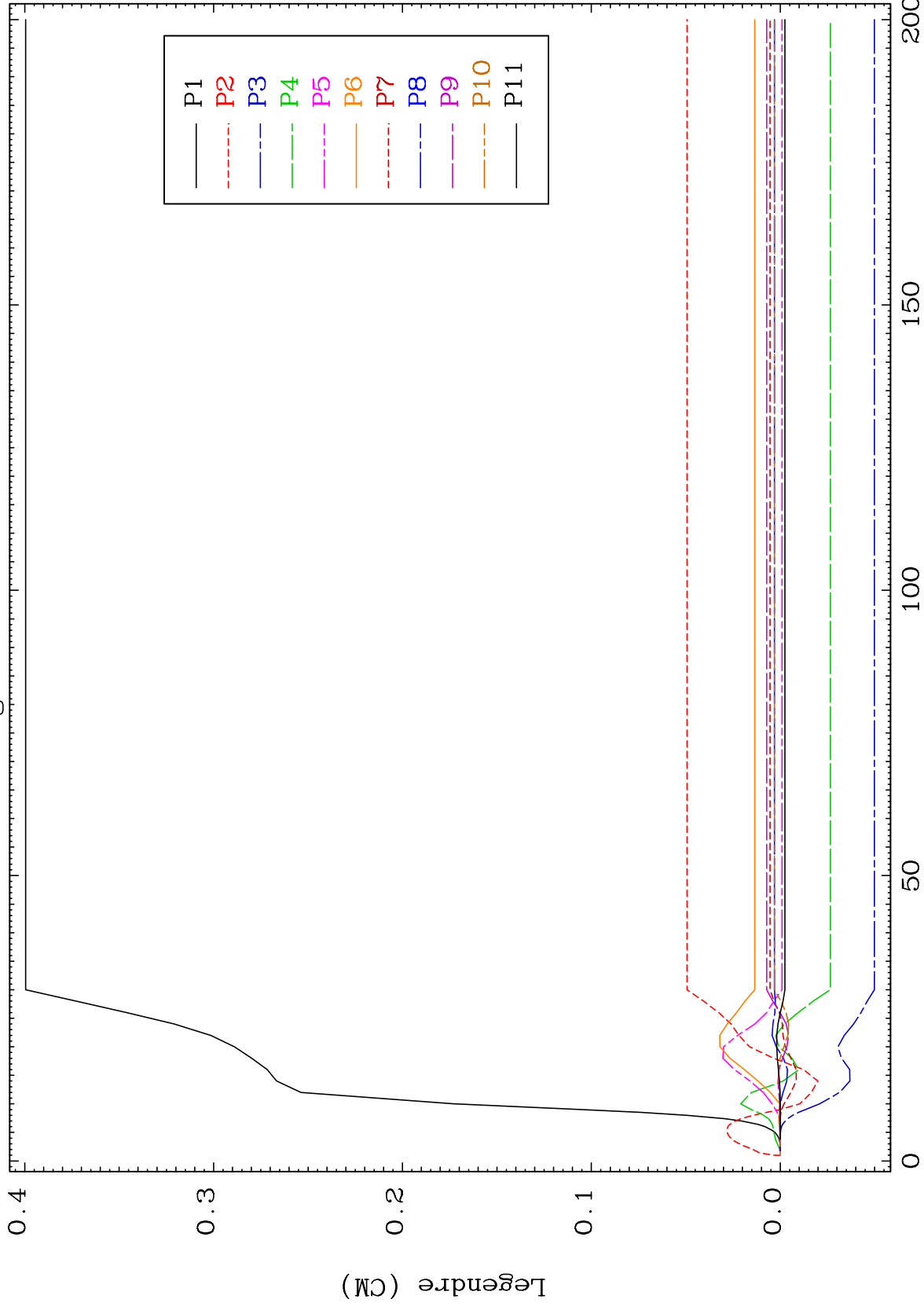




MAT 38222

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

38-Sr-83



74

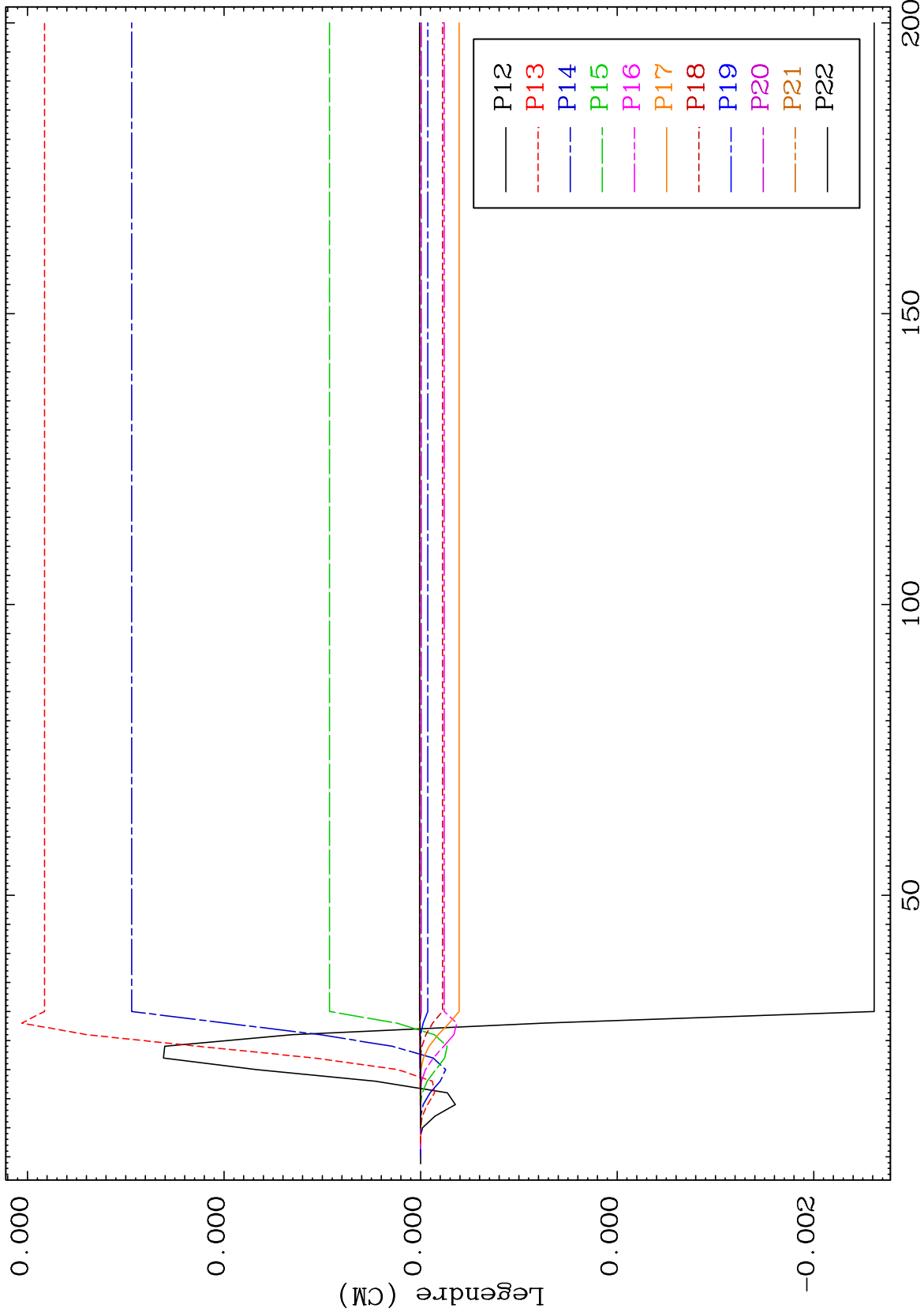
Incident Energy (MeV)

38-Sr-83

MAT 3822

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

38-Sr-83



75

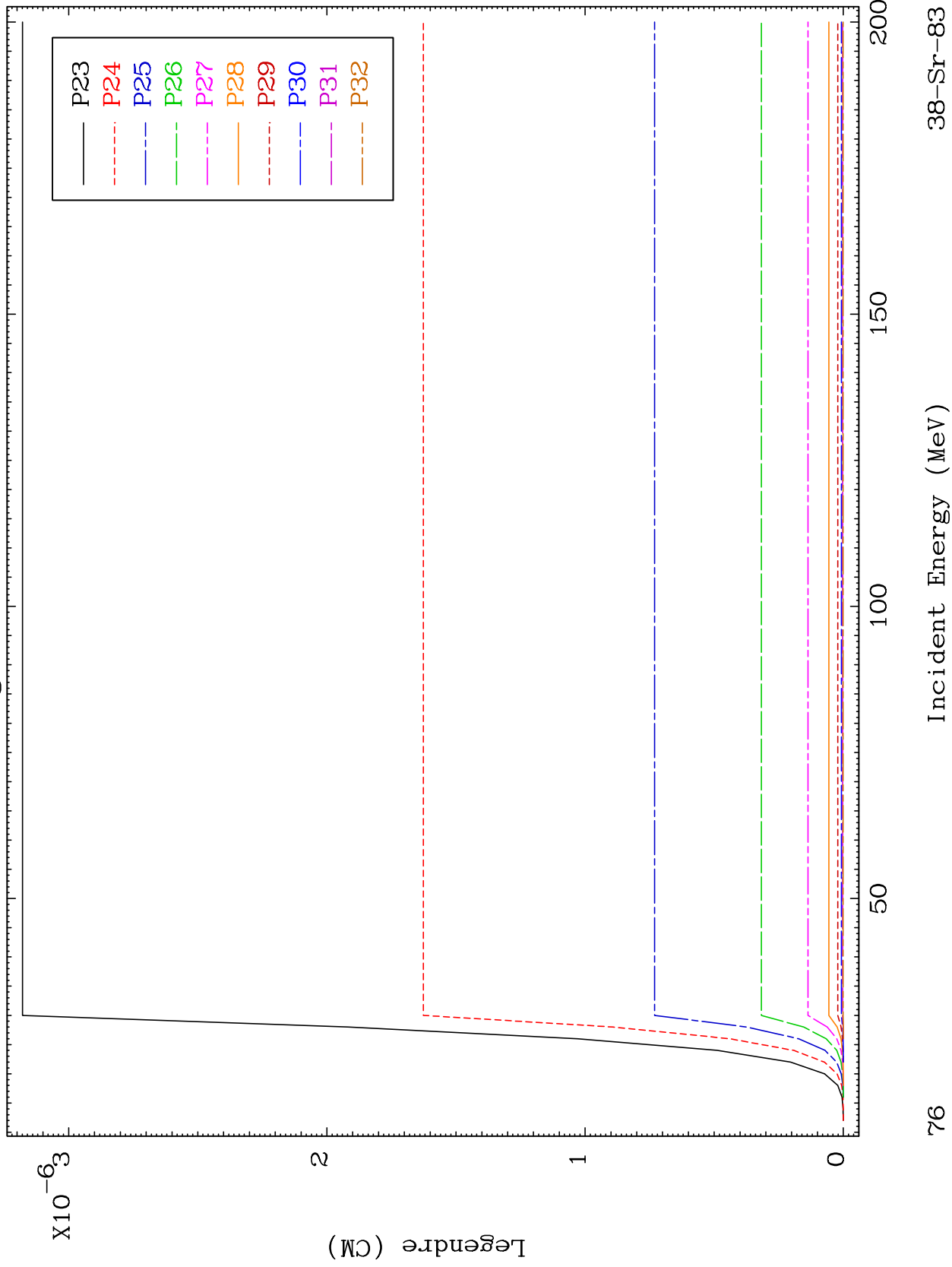
Incident Energy (MeV)

38-Sr-83

MAT 3822

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

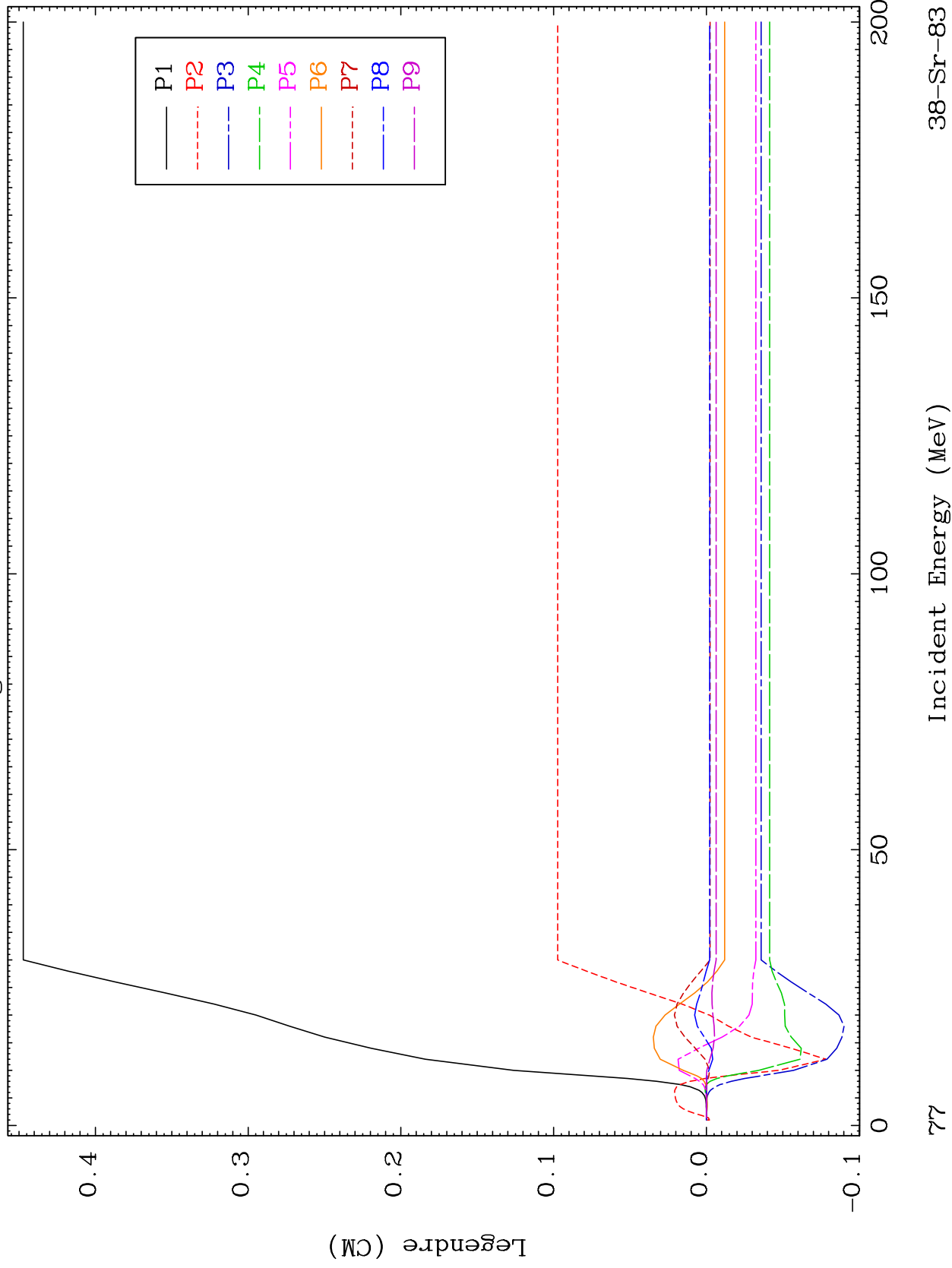
38-Sr-83



MAT 3822

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

38-Sr-83



38-Sr-83

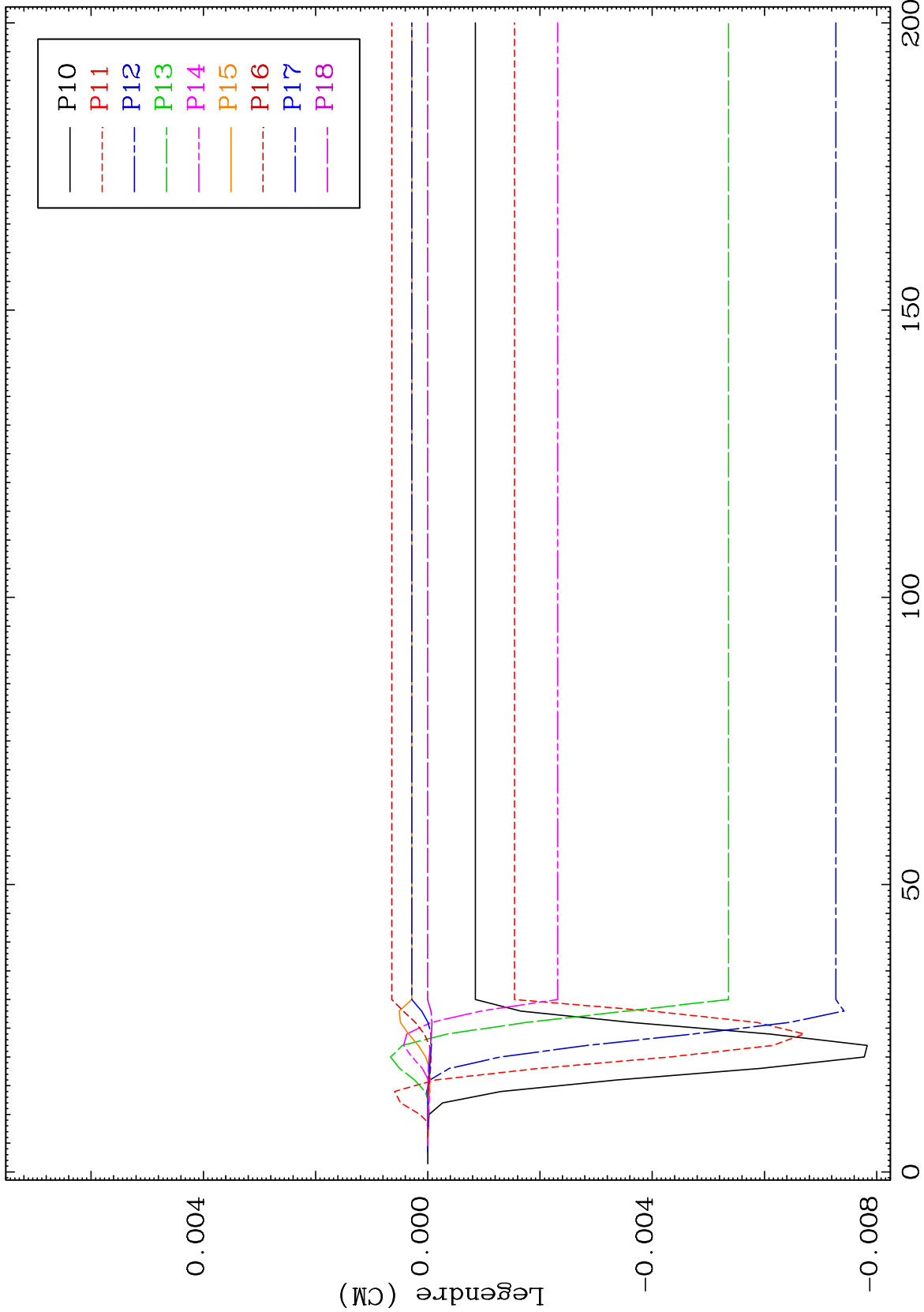
Incident Energy (MeV)

77

MAT 3822

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

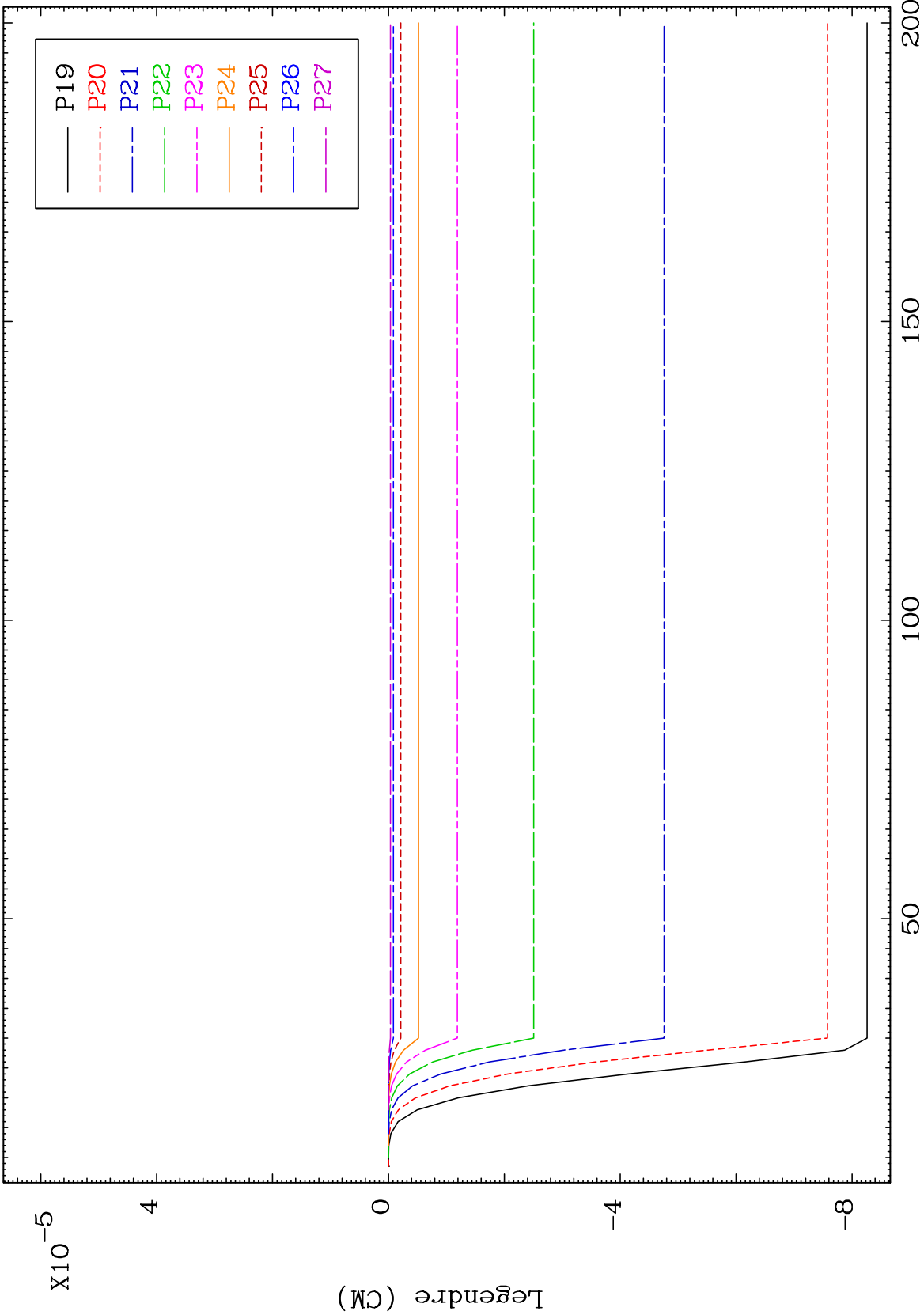
38-Sr-83



78

Incident Energy (MeV)

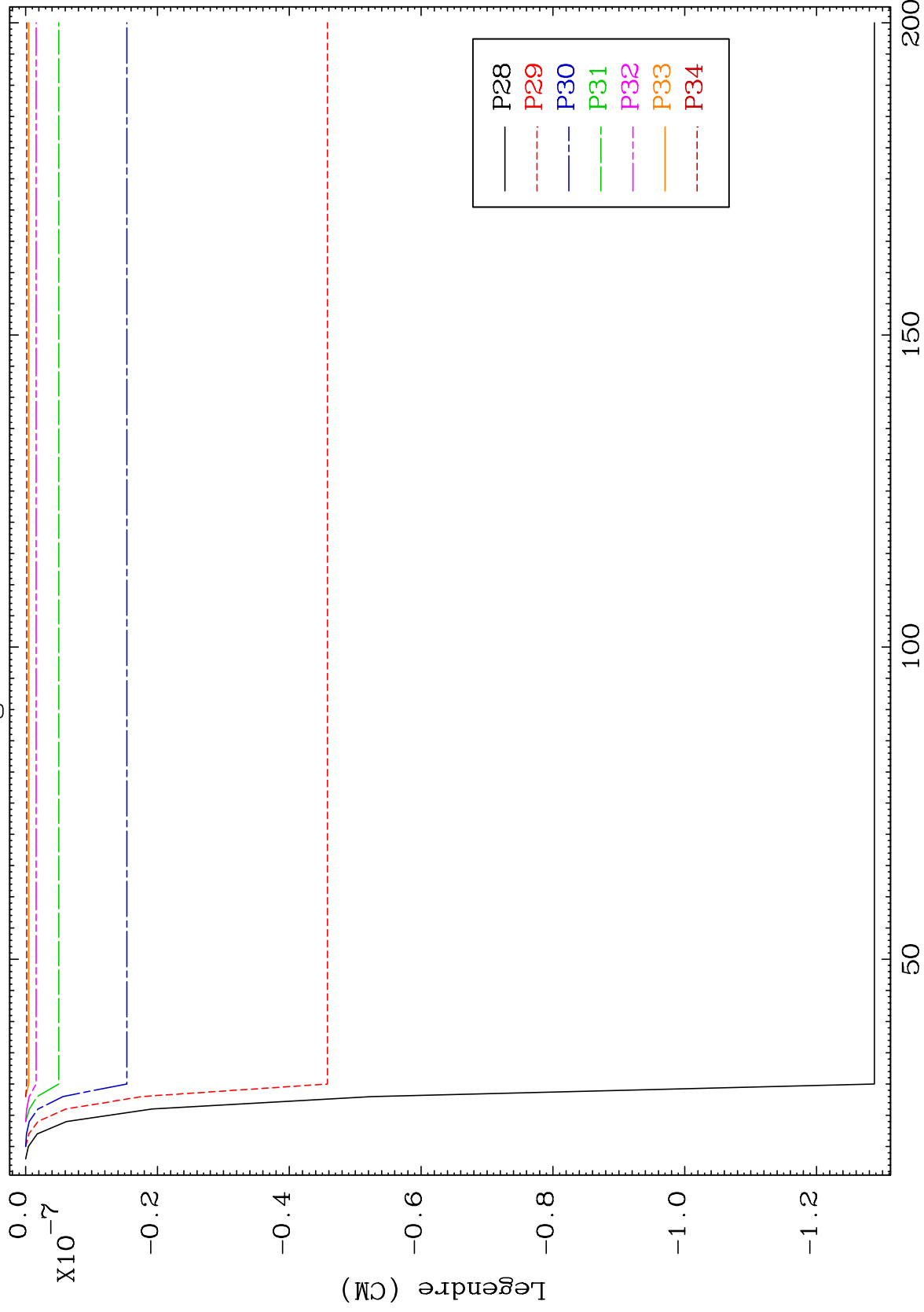
38-Sr-83



MAT 3822

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

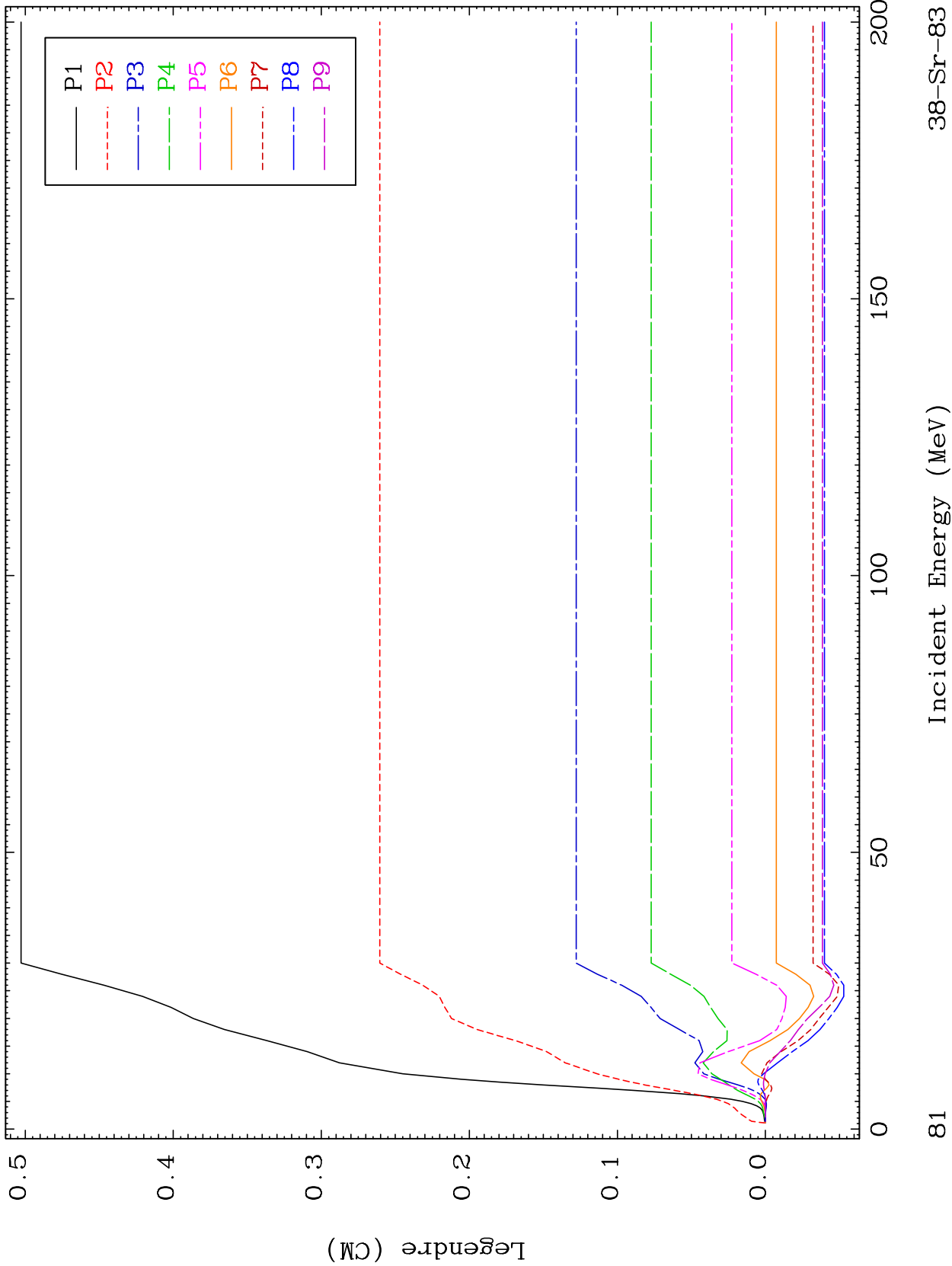
38-Sr-83



80

Incident Energy (MeV)

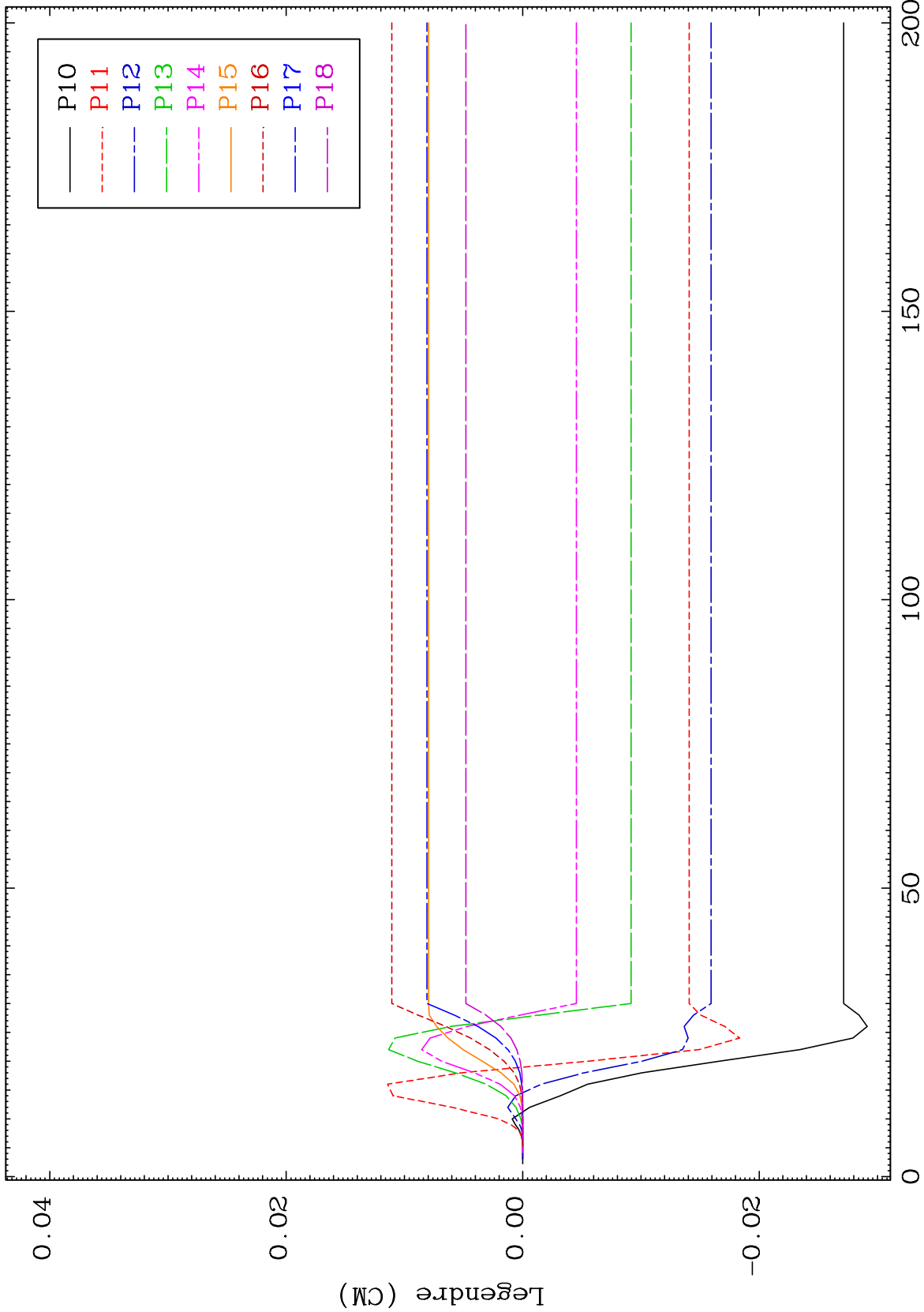
38-Sr-83



MAT 3822

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

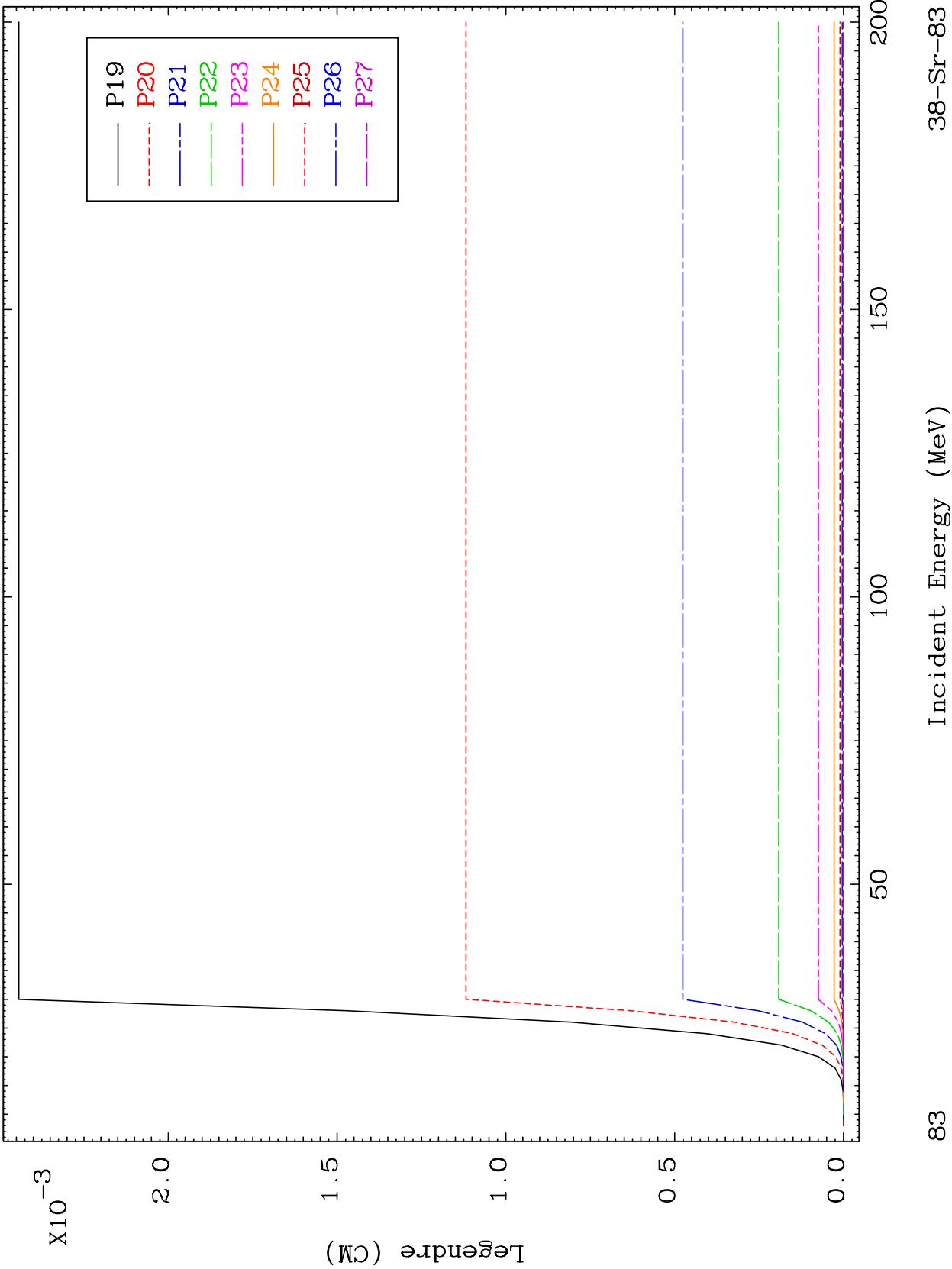
38-Sr-83



82

Incident Energy (MeV)

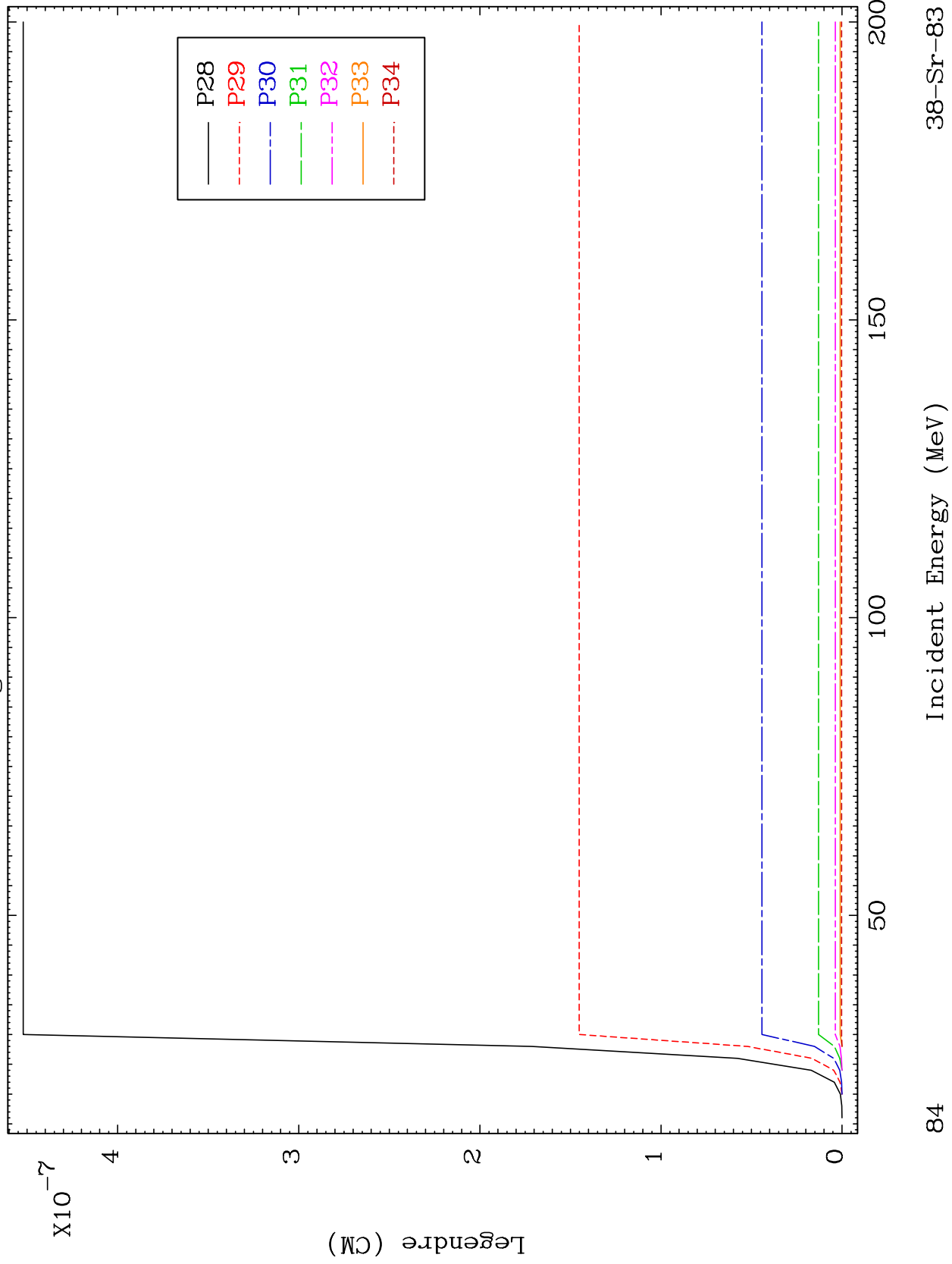
38-Sr-83



MAT 3822

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

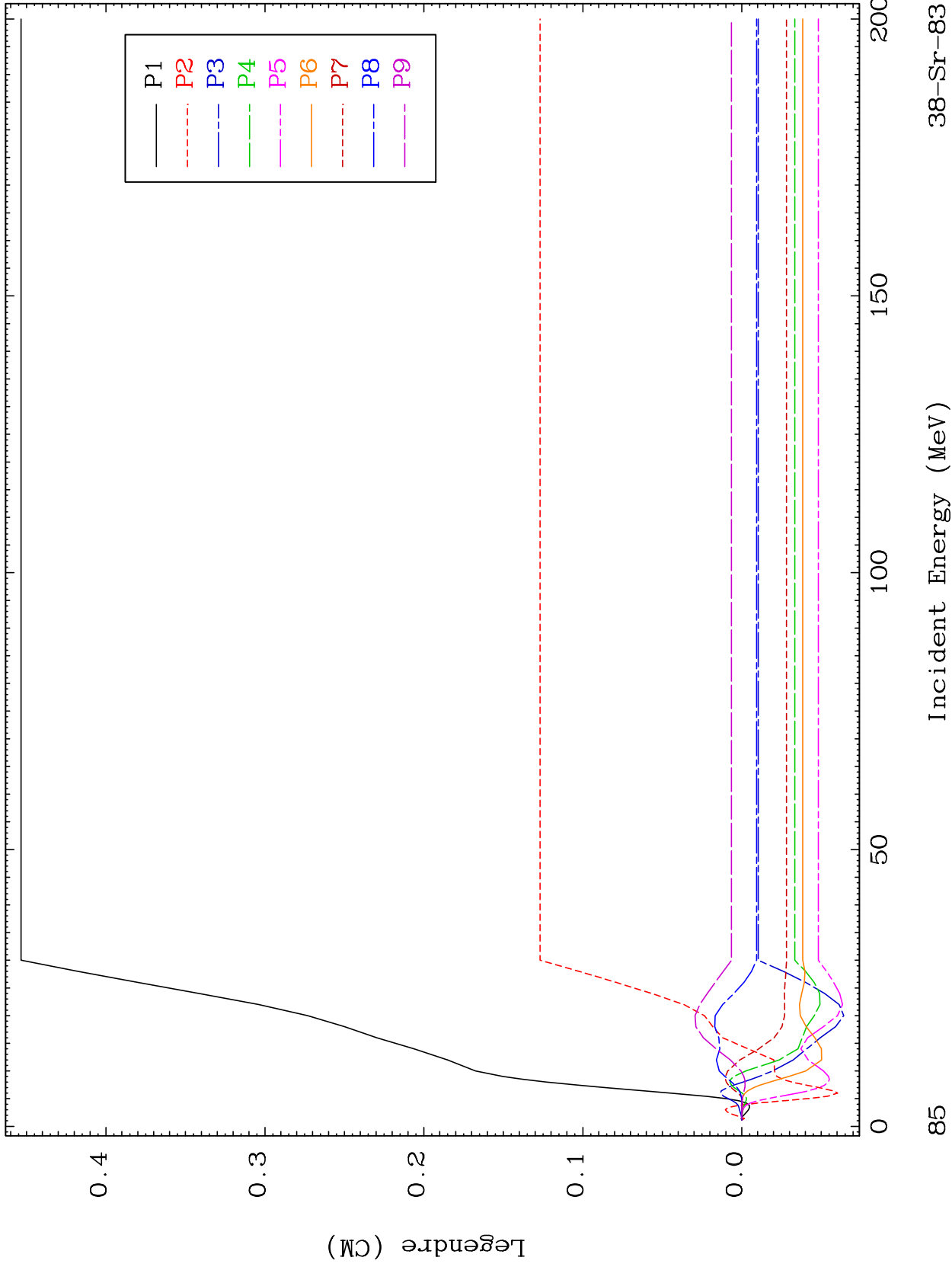
38-Sr-83



MAT 3822

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

38-Sr-83



38-Sr-83

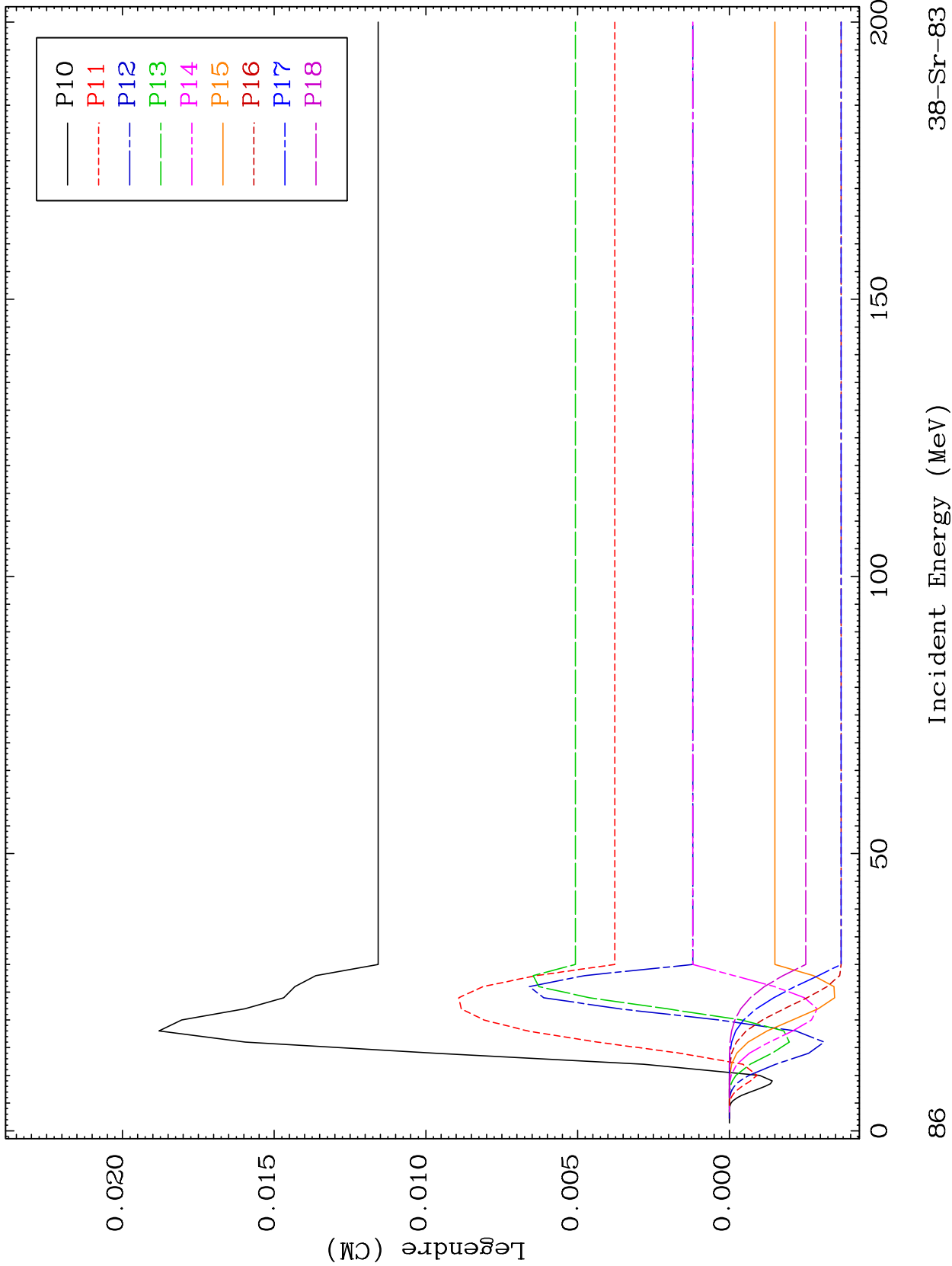
Incident Energy (MeV)

85

MAT 3822

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

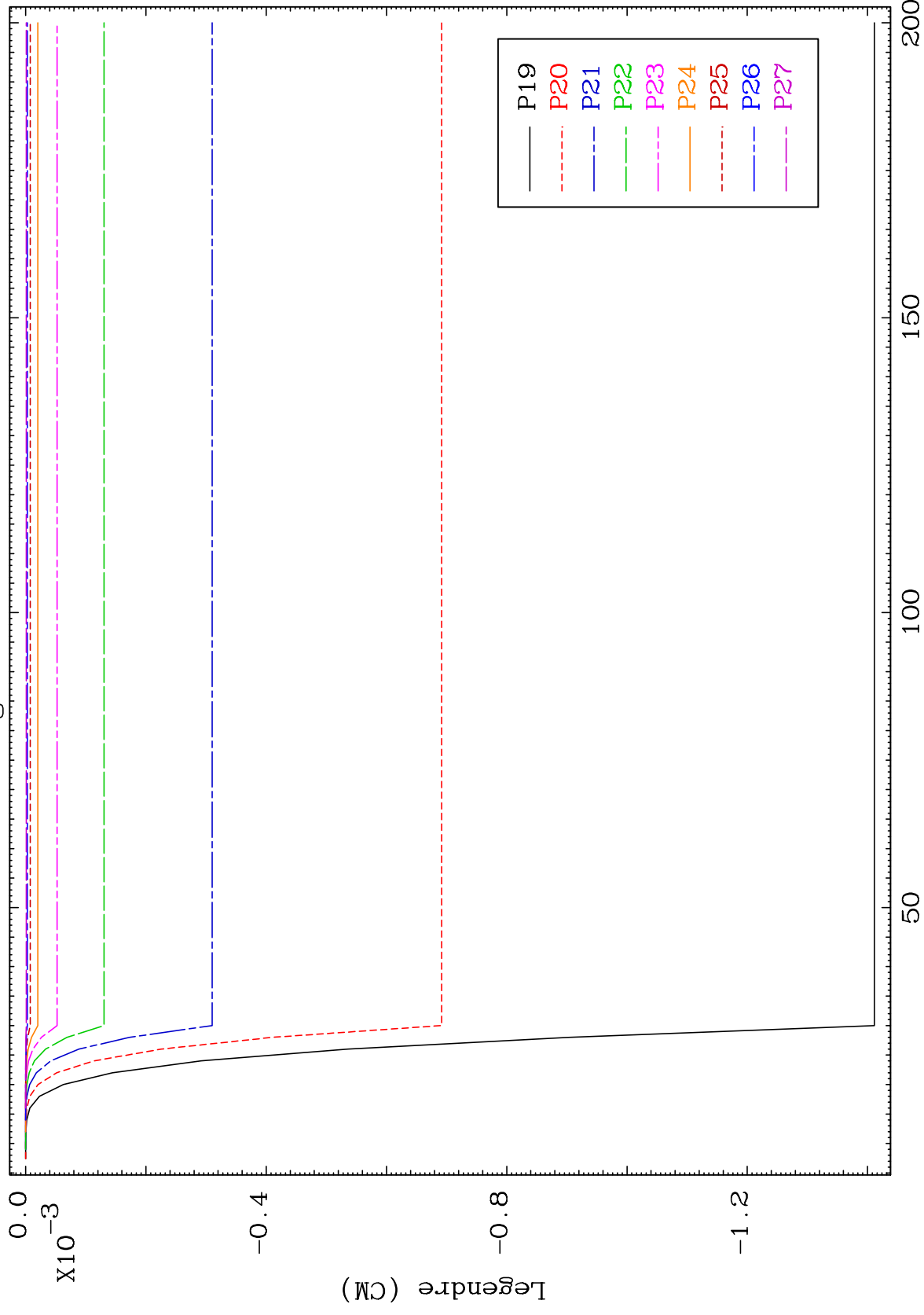
38-Sr-83



86

Incident Energy (MeV)

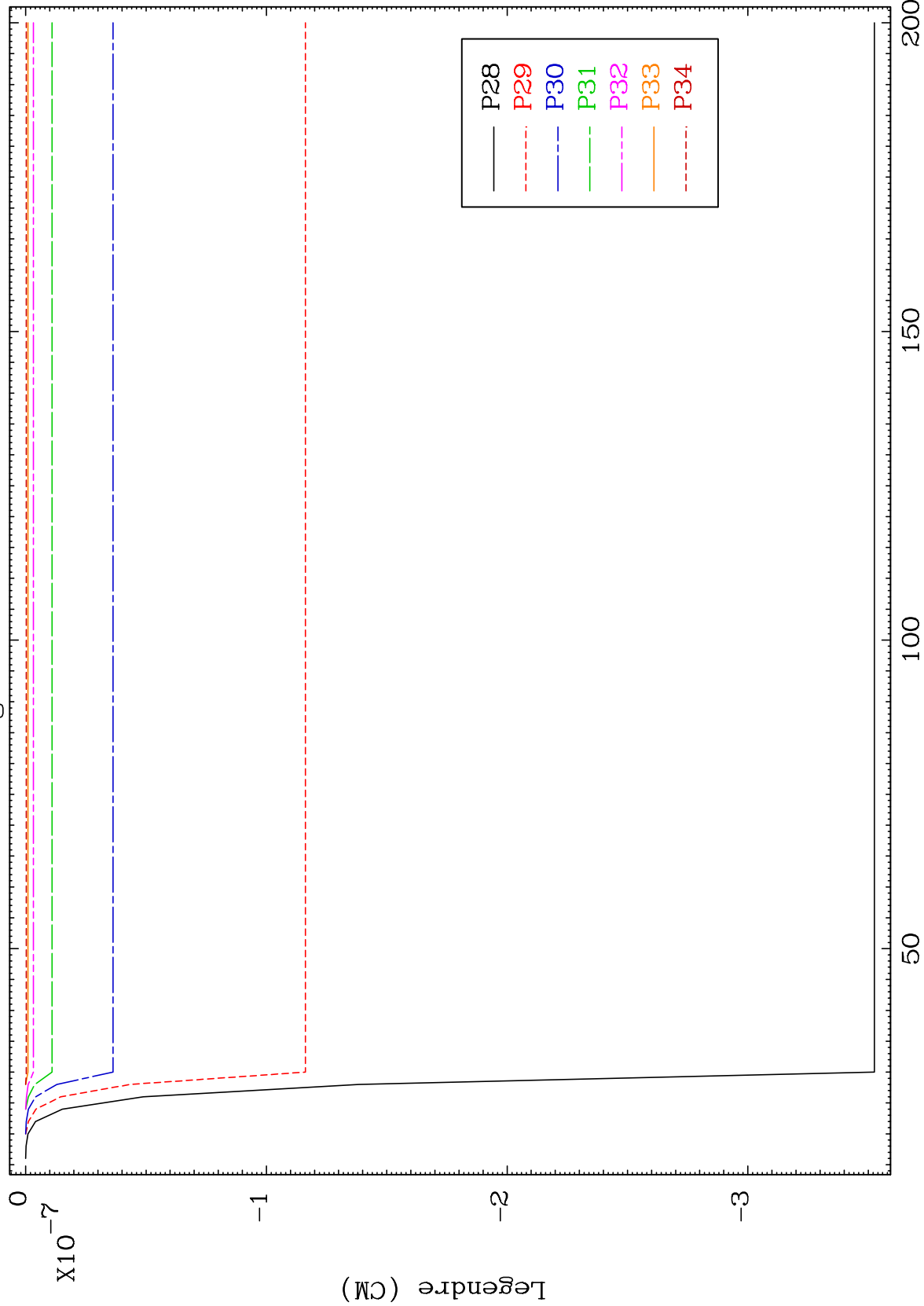
38-Sr-83



MAT 3822

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

38-Sr-83



88

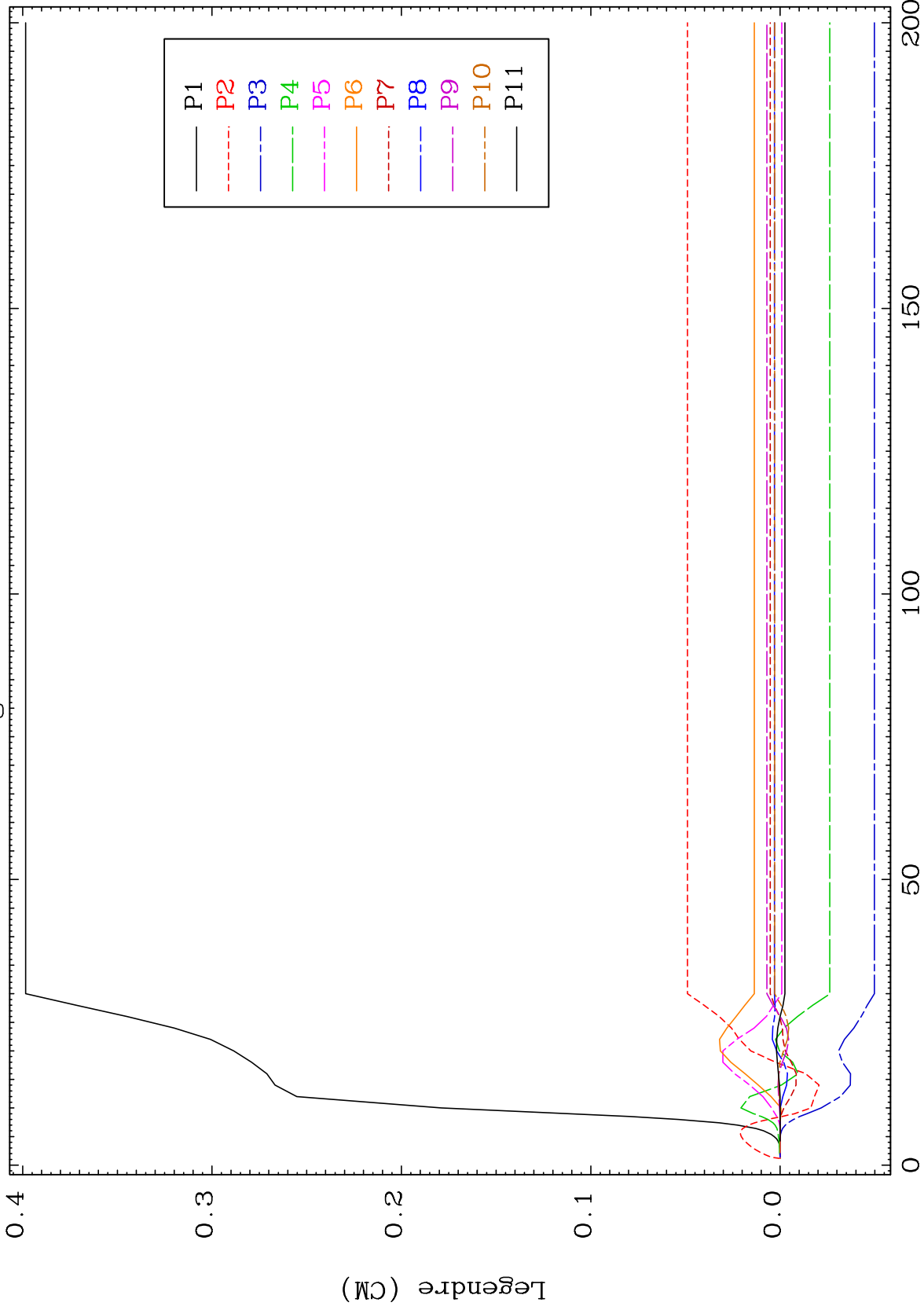
Incident Energy (MeV)

38-Sr-83

MAT 3822

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

38-Sr-83



89

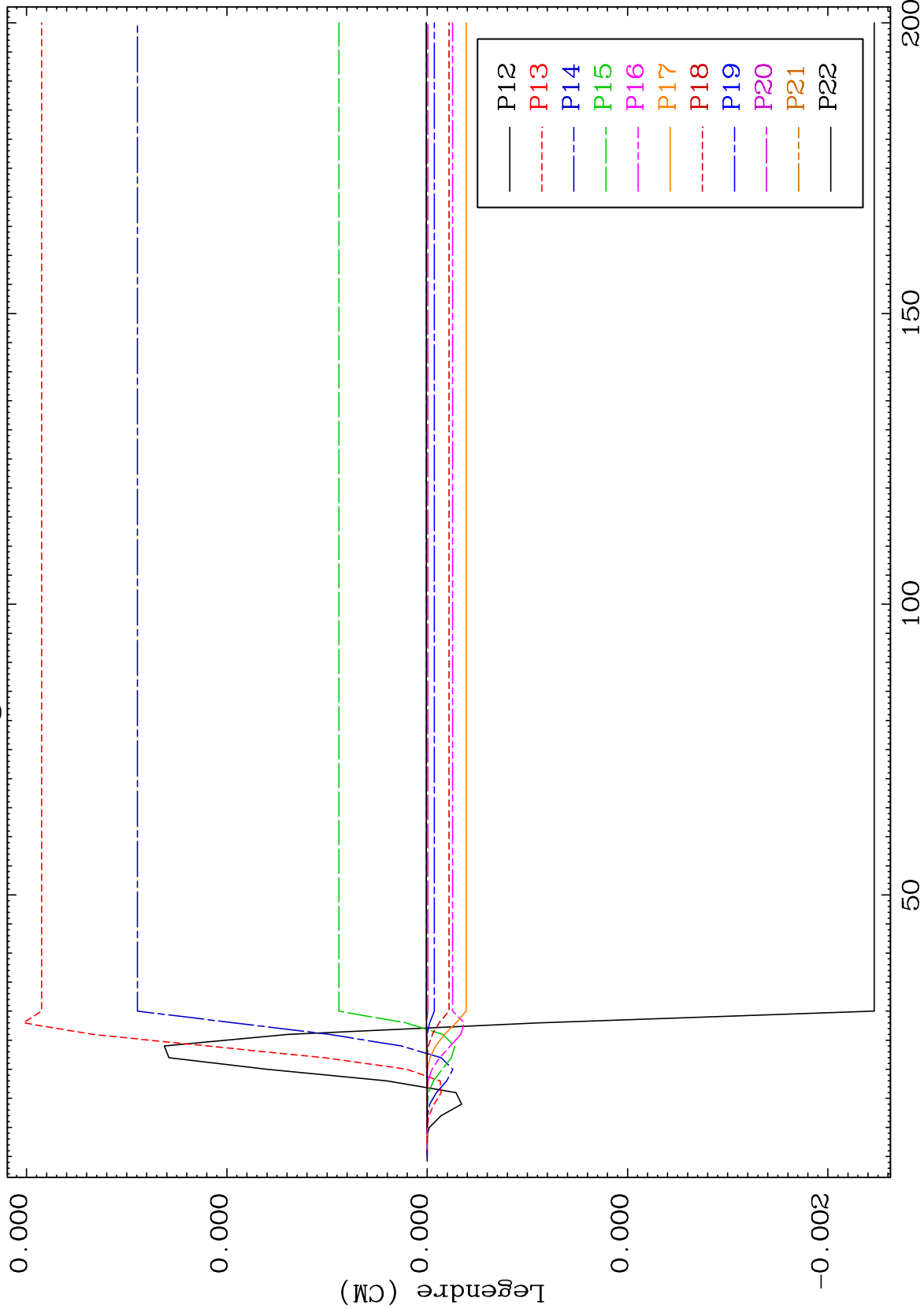
Incident Energy (MeV)

38-Sr-83

MAT 38222

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

38-Sr-83



90

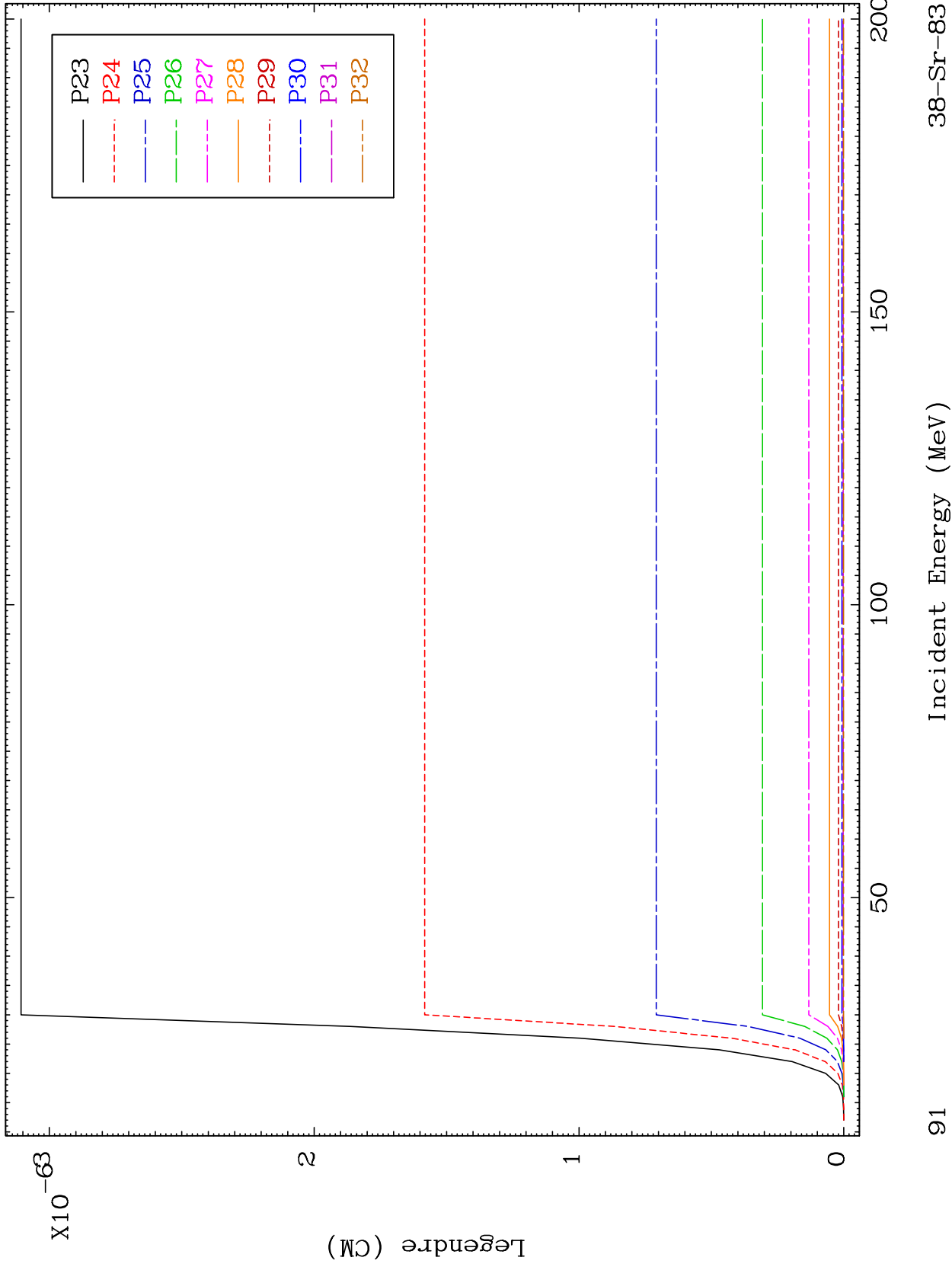
Incident Energy (MeV)

38-Sr-83

MAT 3822

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

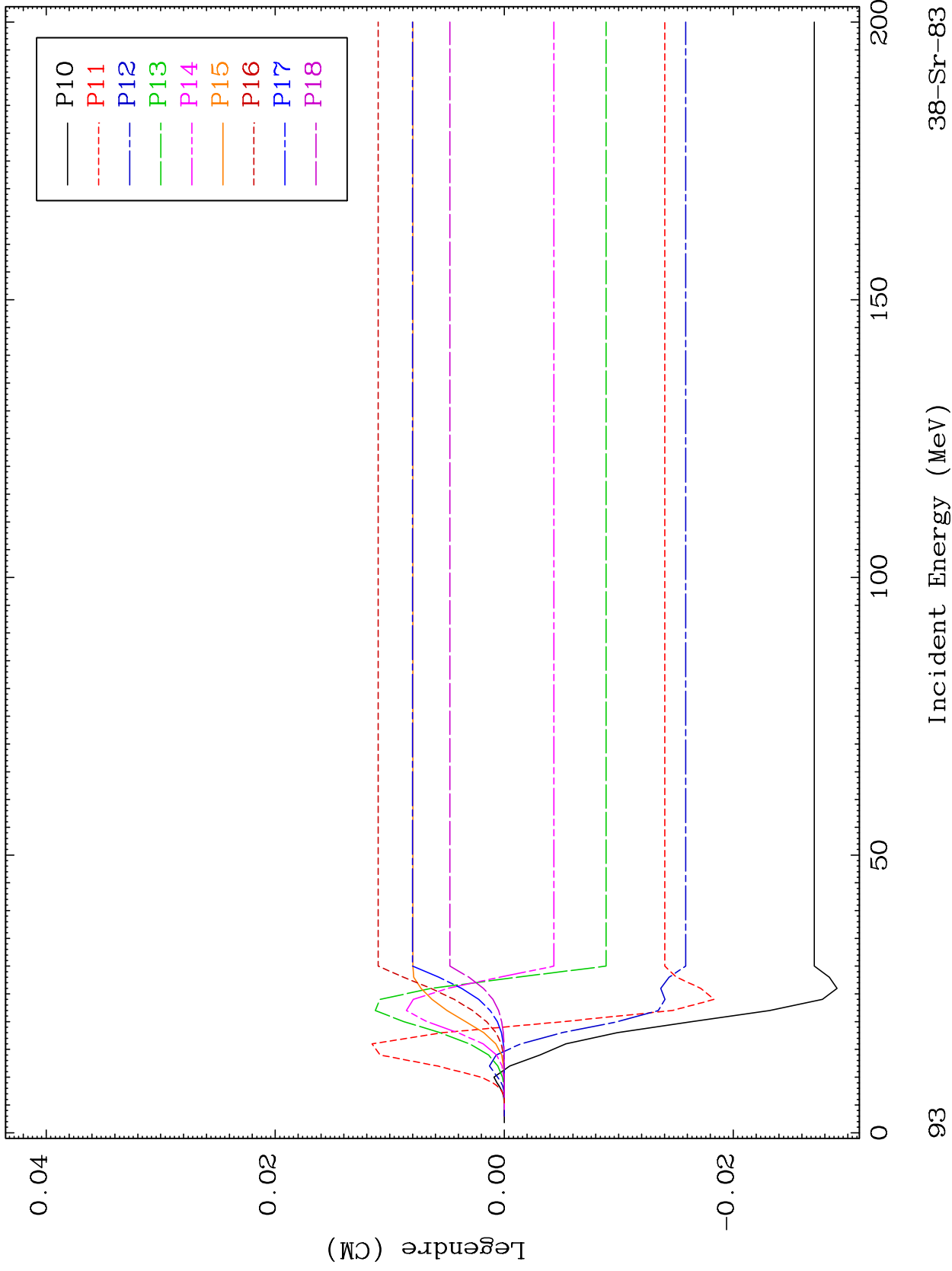
38-Sr-83



MAT 3822

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

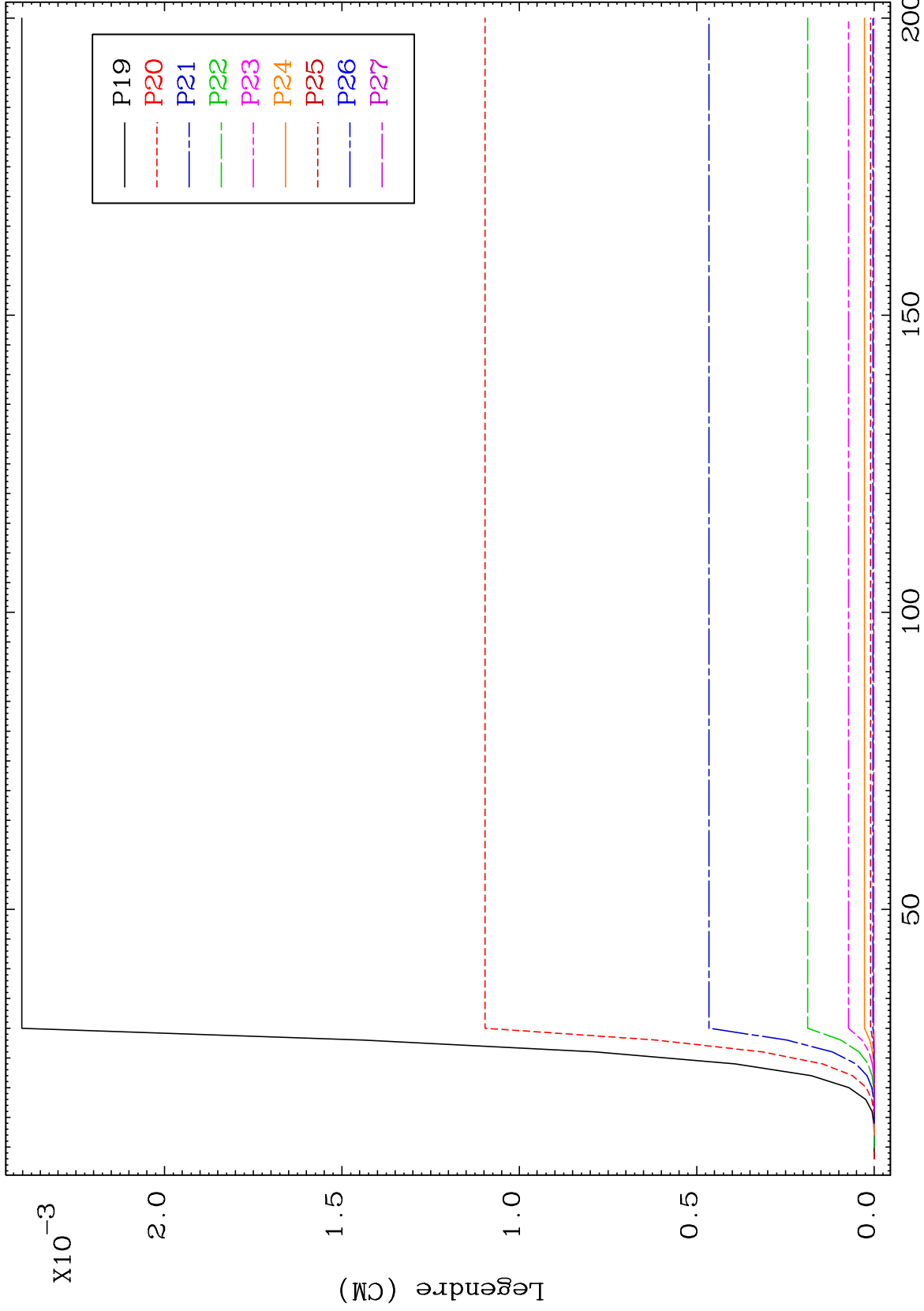
38-Sr-83



93

Incident Energy (MeV)

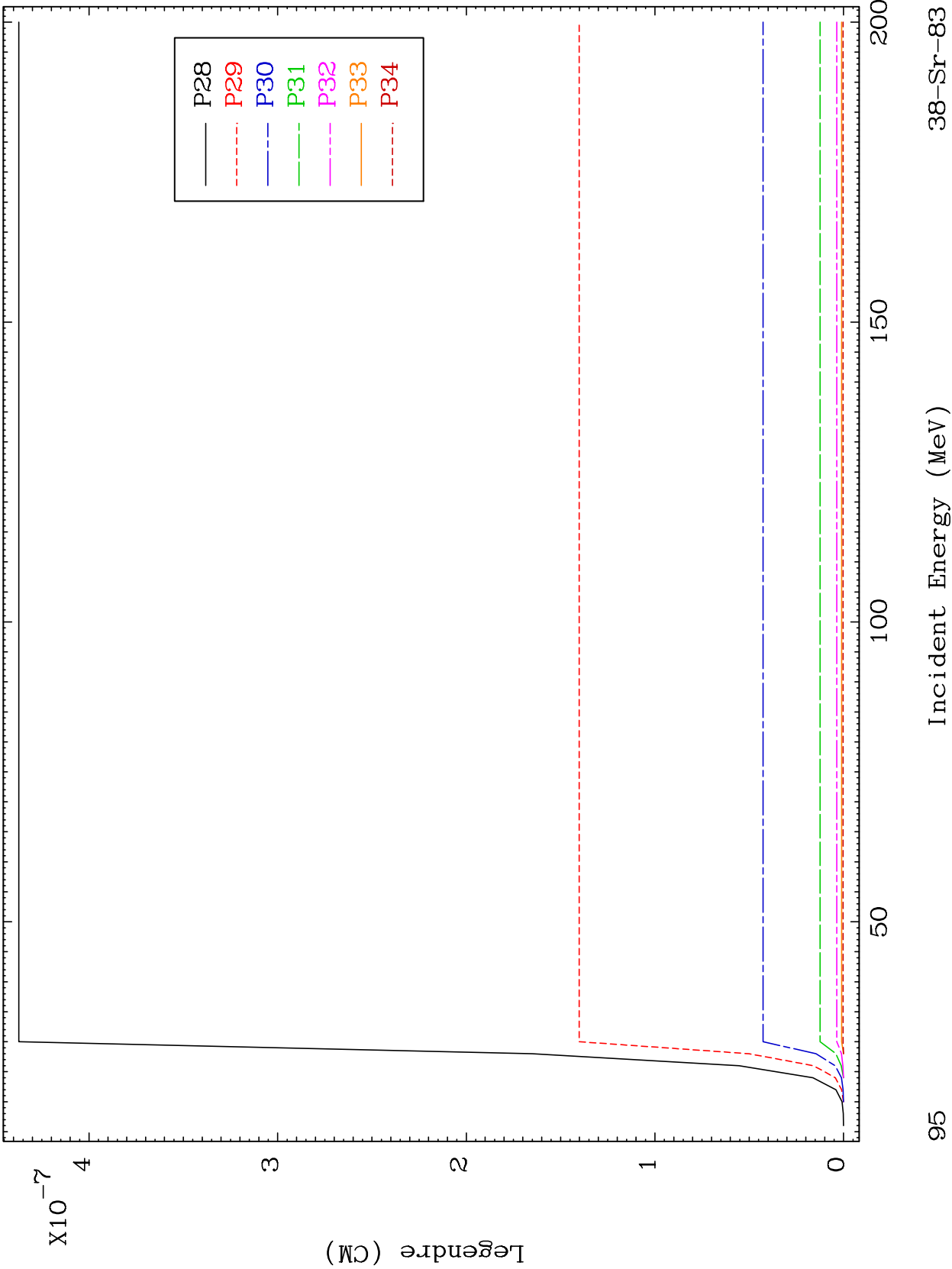
38-Sr-83



MAT 3822

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

38-Sr-83



95

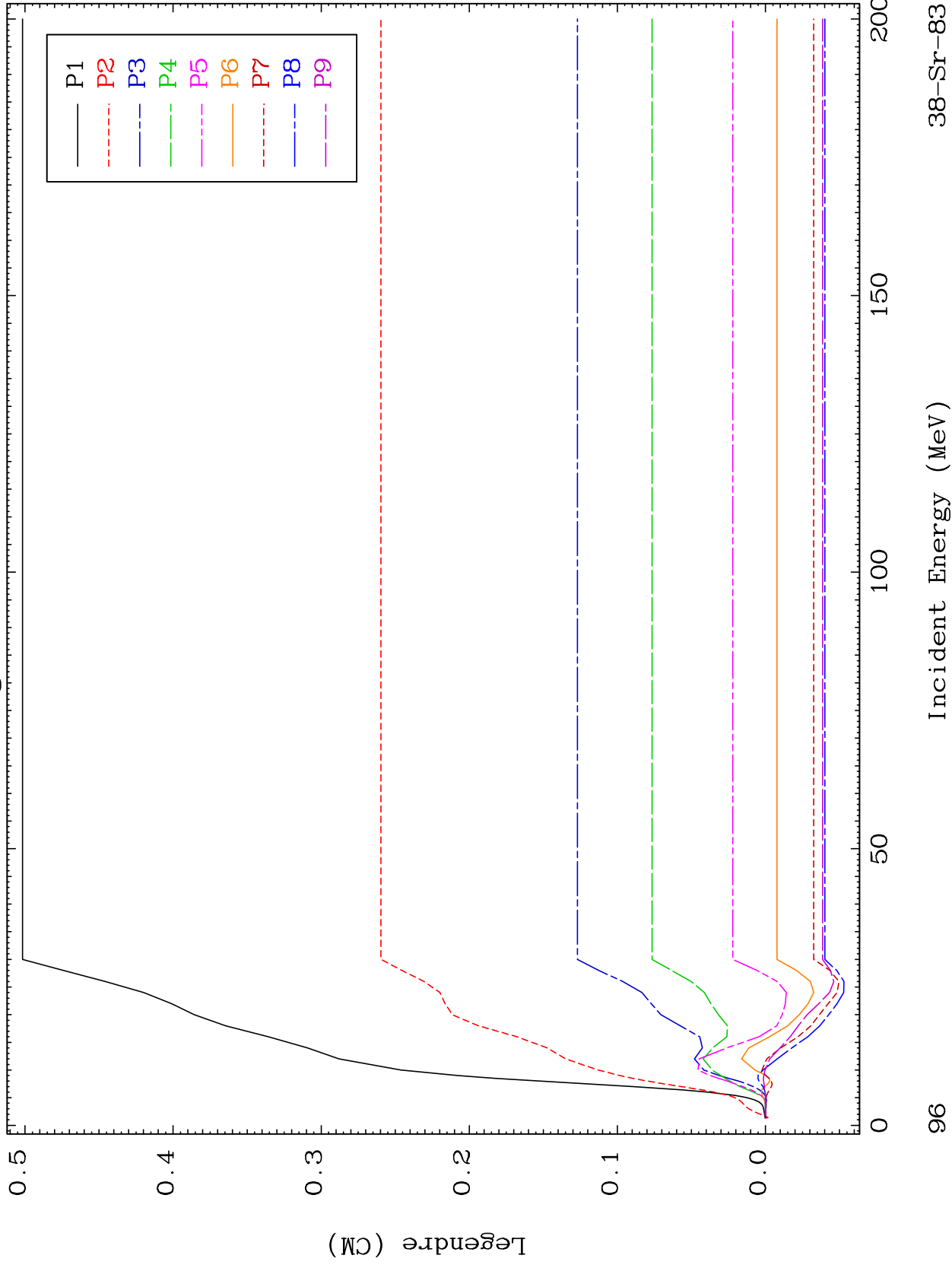
Incident Energy (MeV)

38-Sr-83

MAT 3822

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

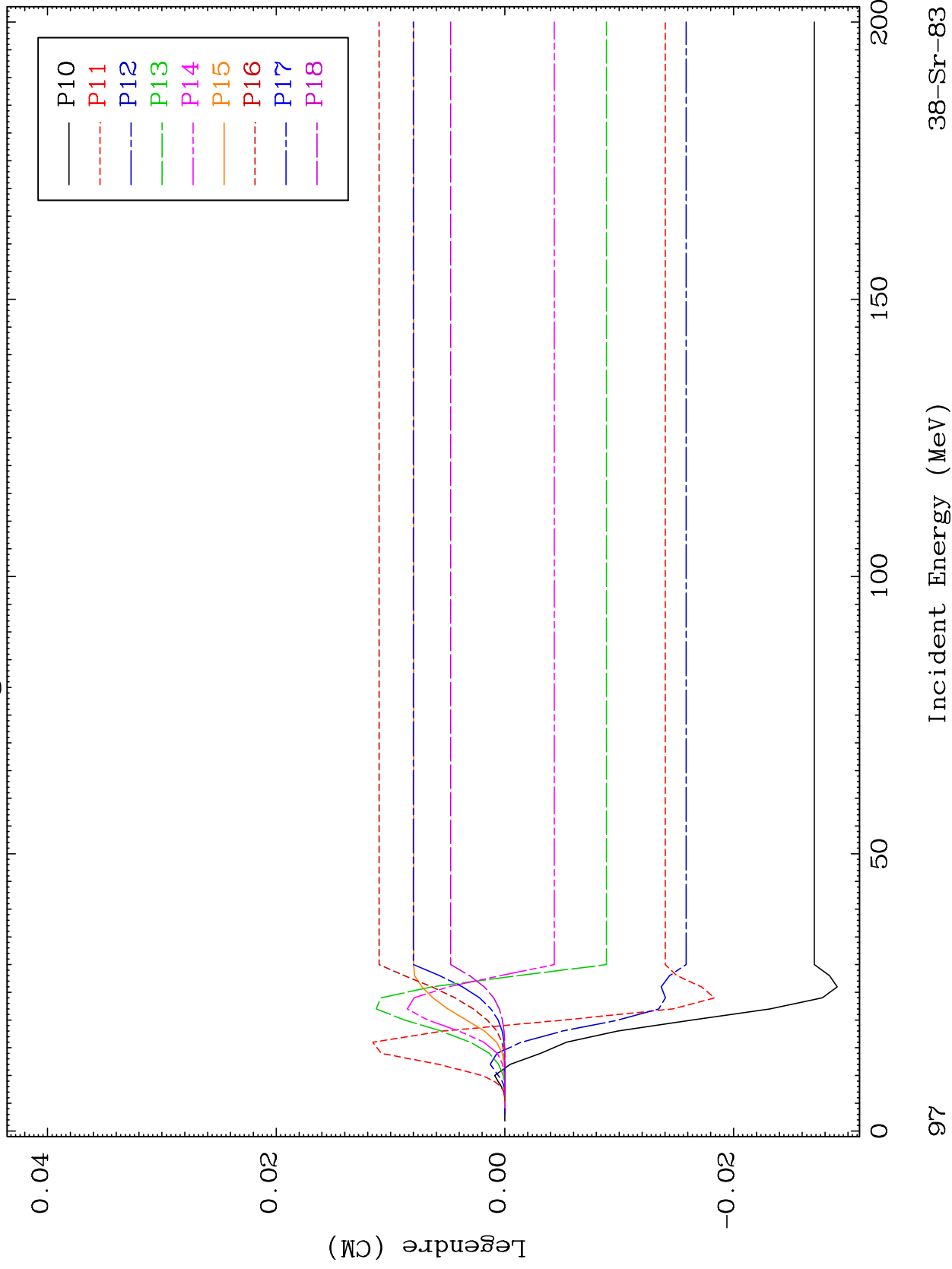
38-Sr-83



MAT 3822

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

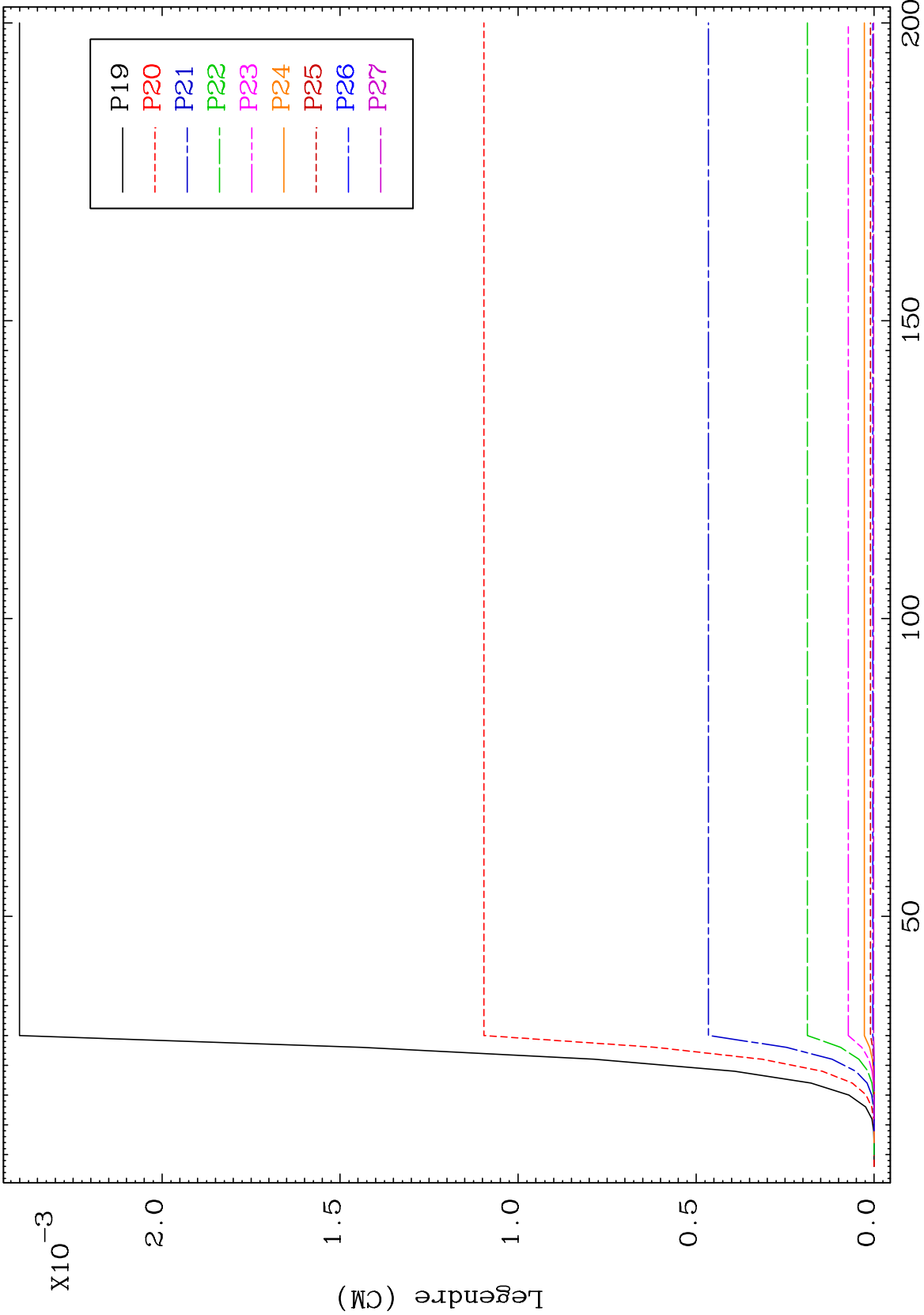
38-Sr-83



97

Incident Energy (MeV)

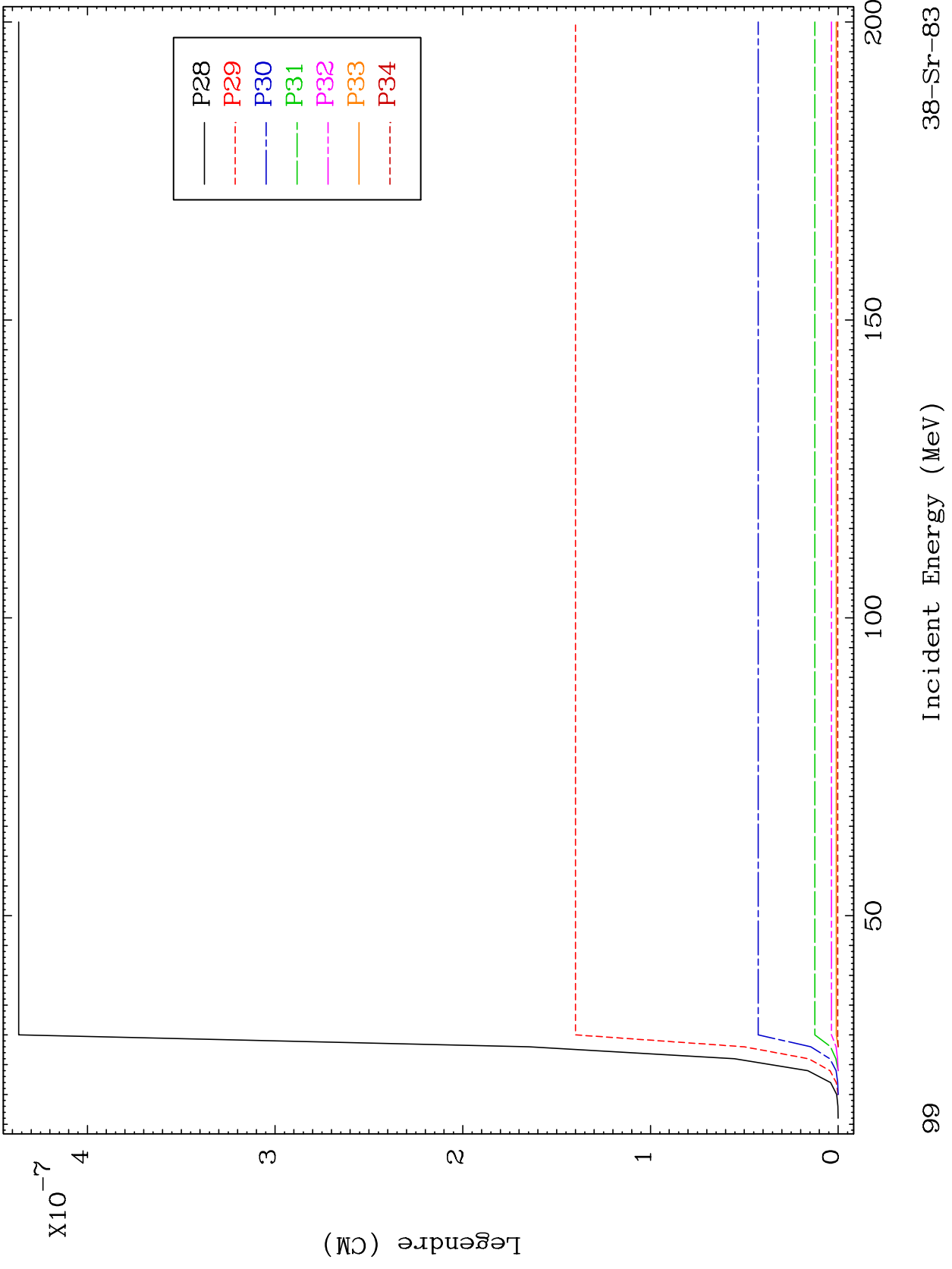
38-Sr-83



MAT 3822

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

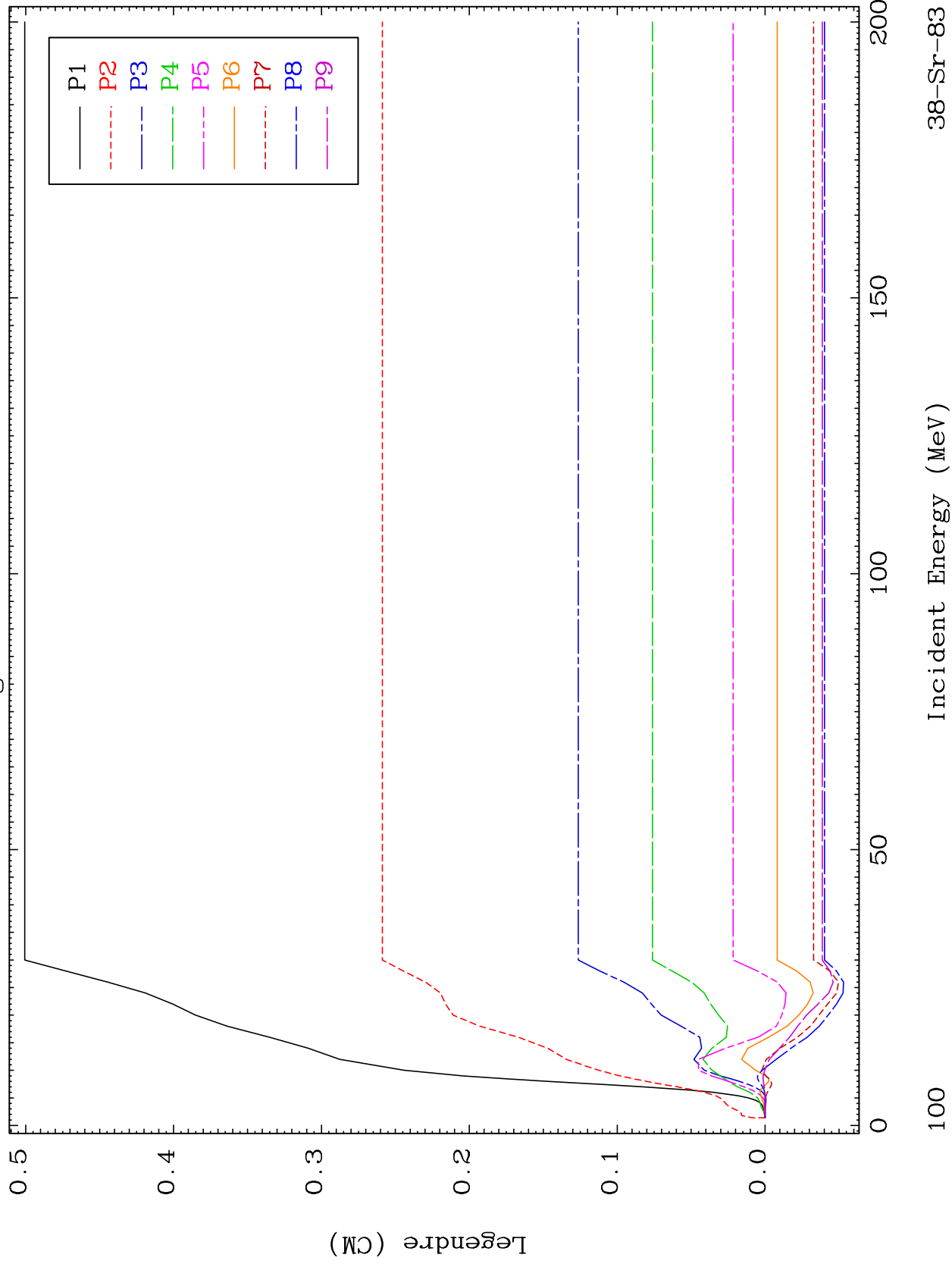
38-Sr-83



MAT 3822

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

38-Sr-83

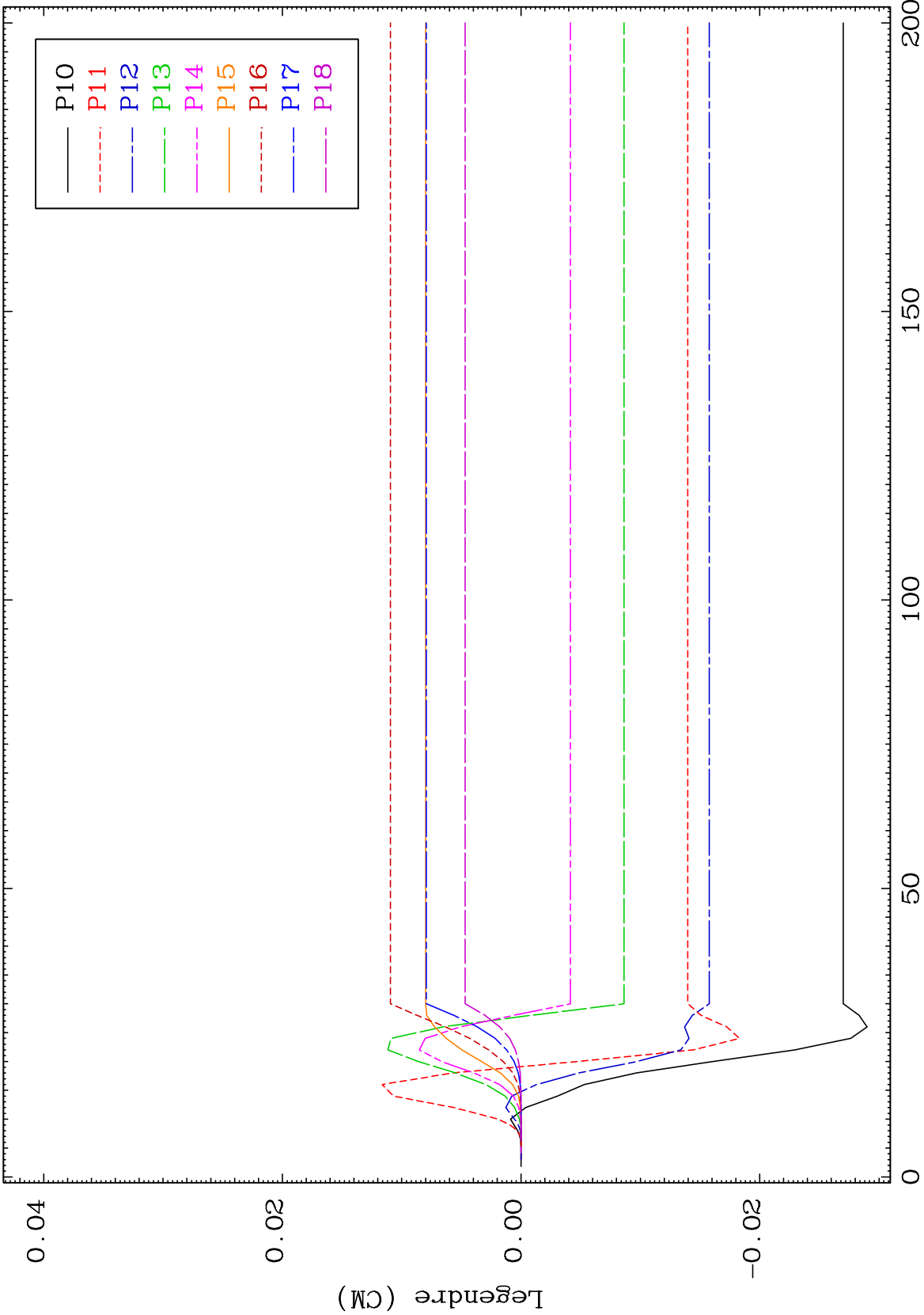


38-Sr-83

MAT 3822

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

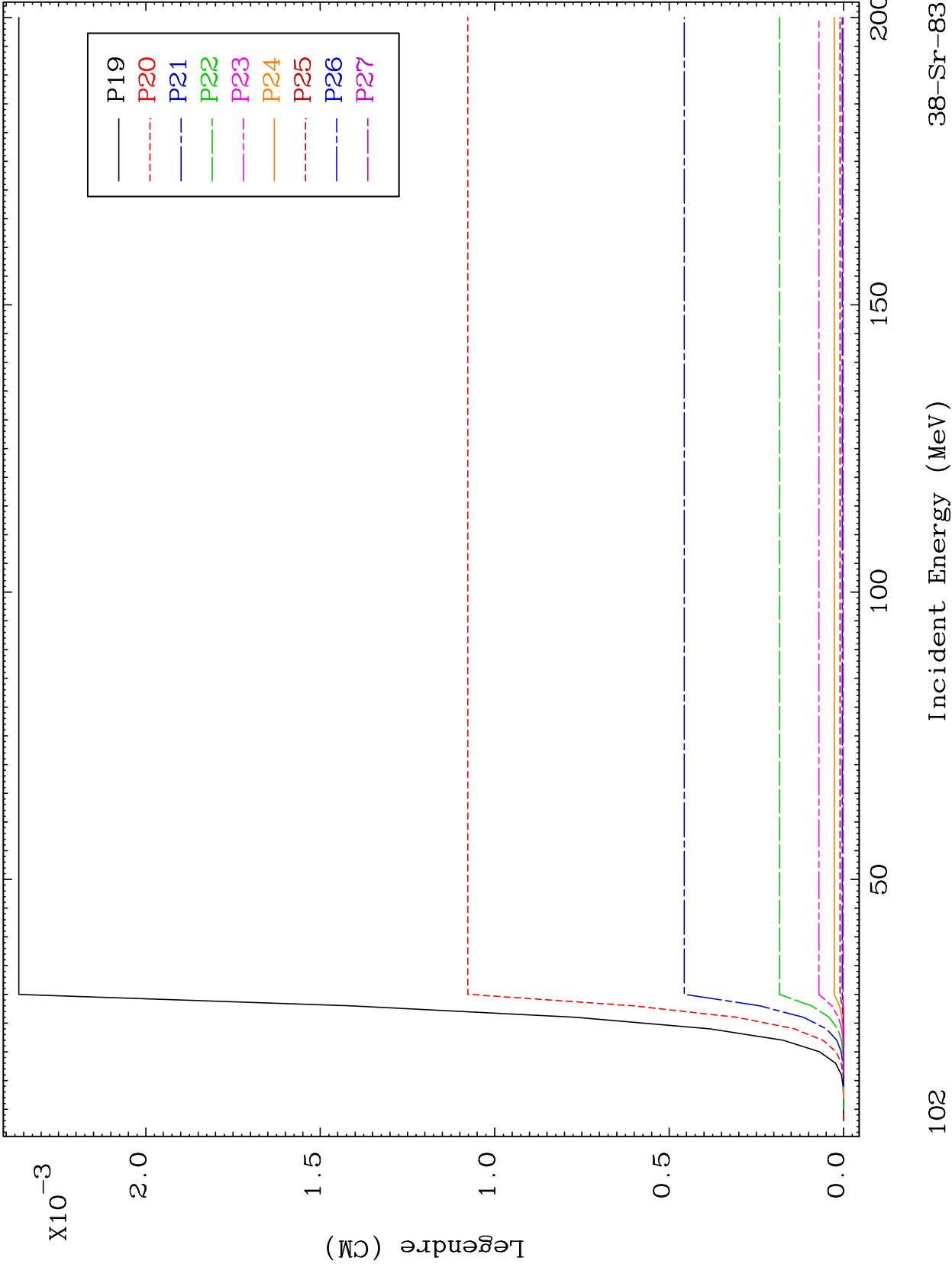
38-Sr-83



101

Incident Energy (MeV)

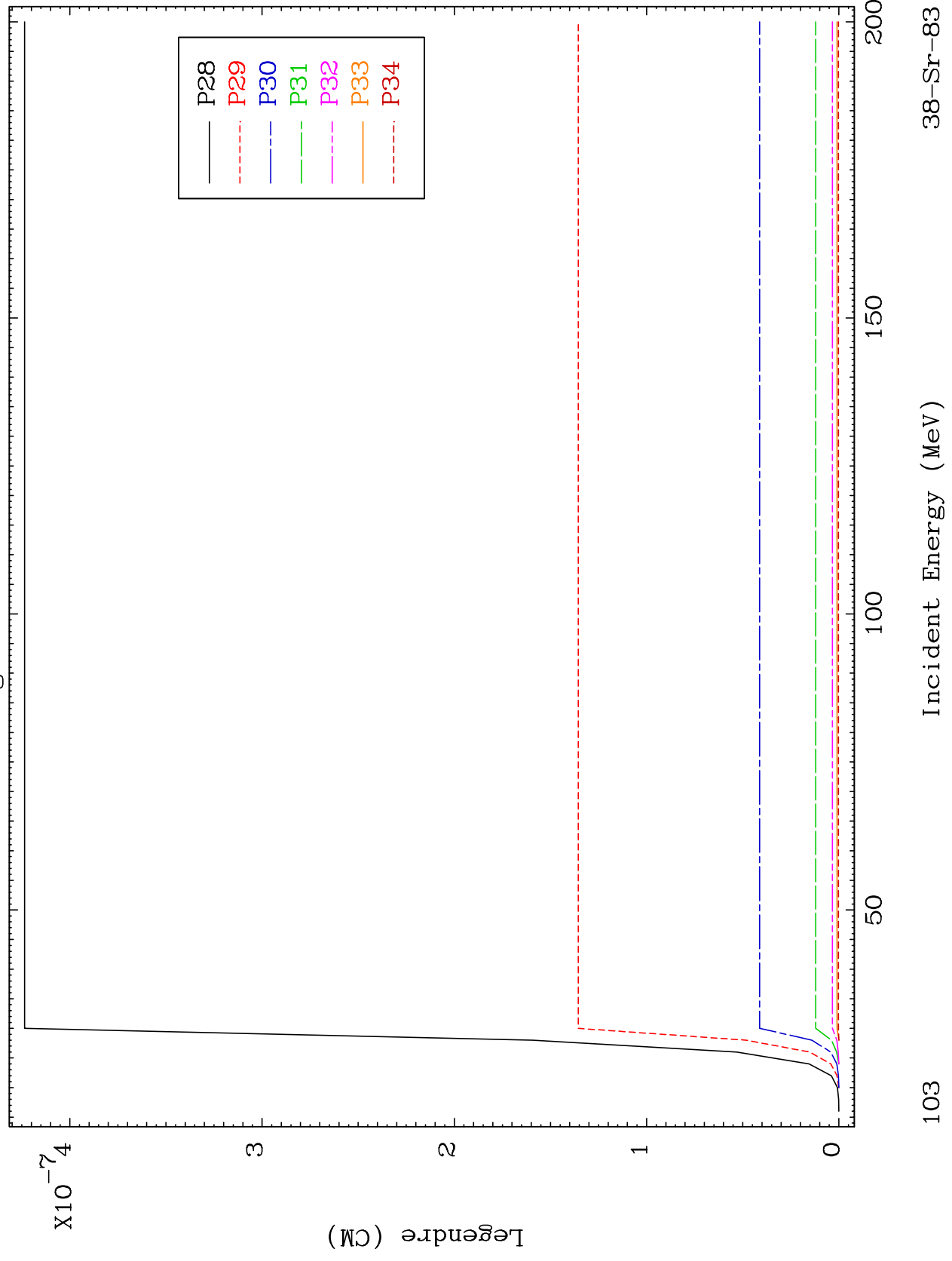
38-Sr-83



MAT 3822

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

38-Sr-83

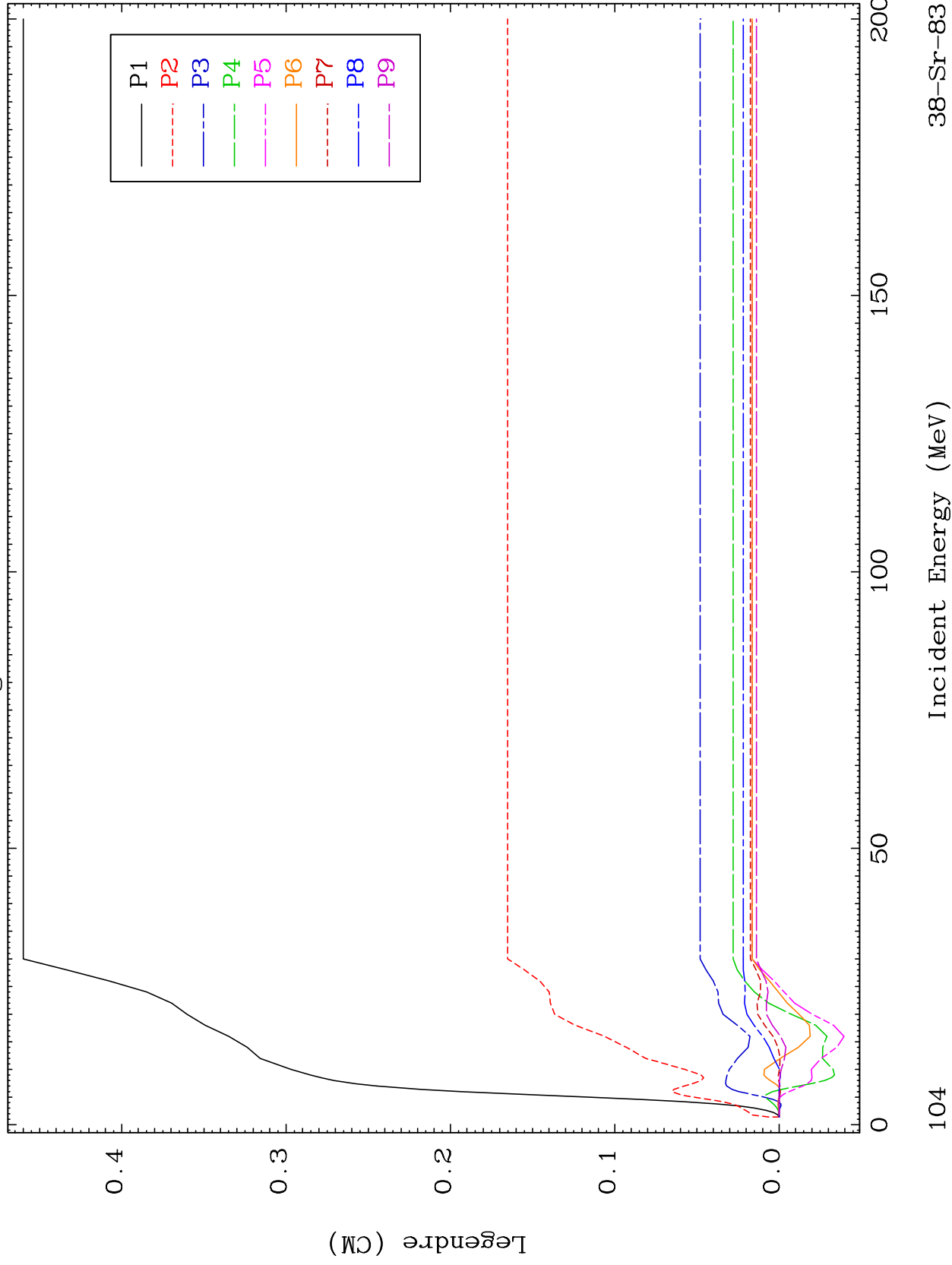


103

MAT 3822

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

38-Sr-83



38-Sr-83

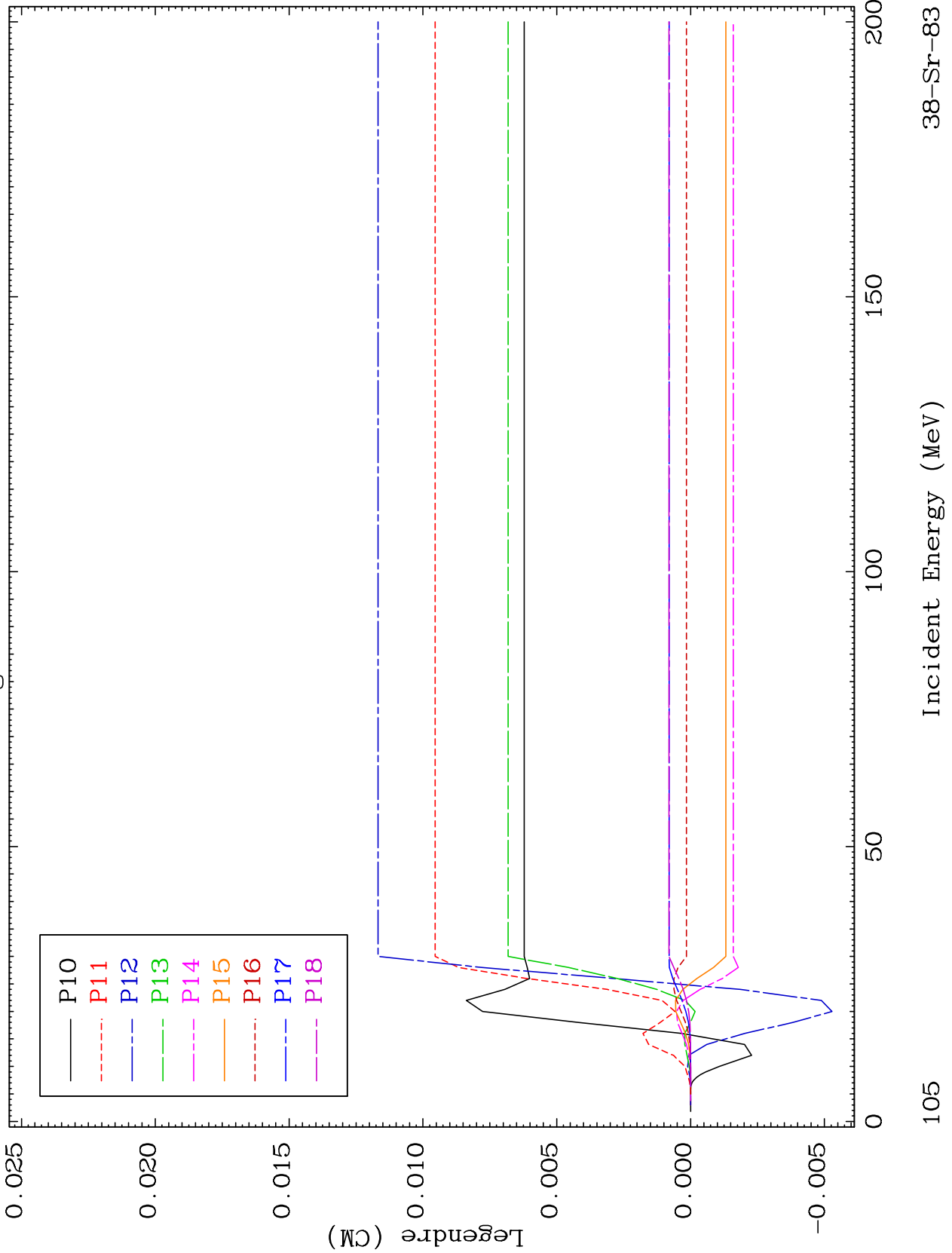
Incident Energy (MeV)

104

MAT 3822

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

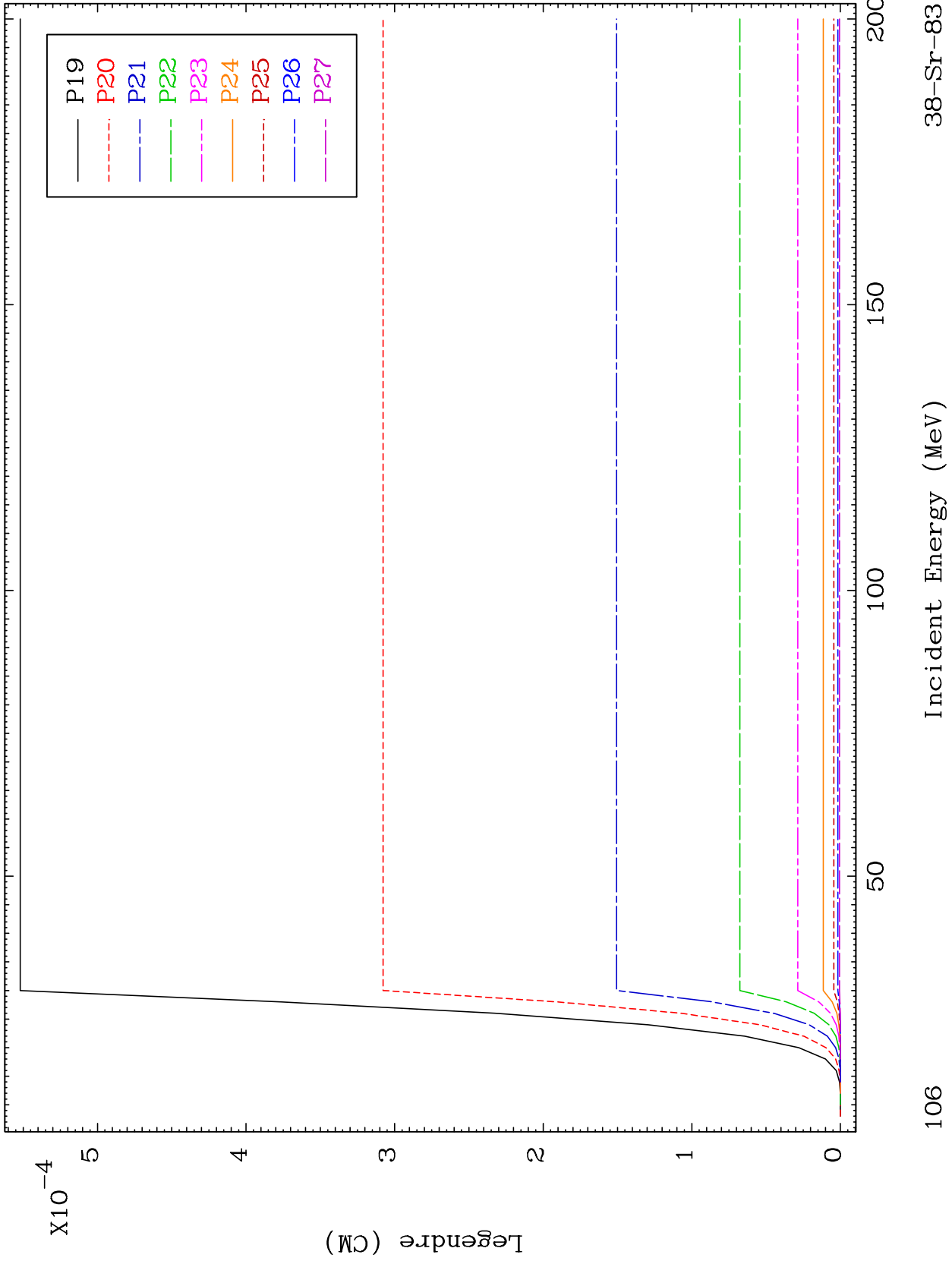
38-Sr-83



MAT 3822

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

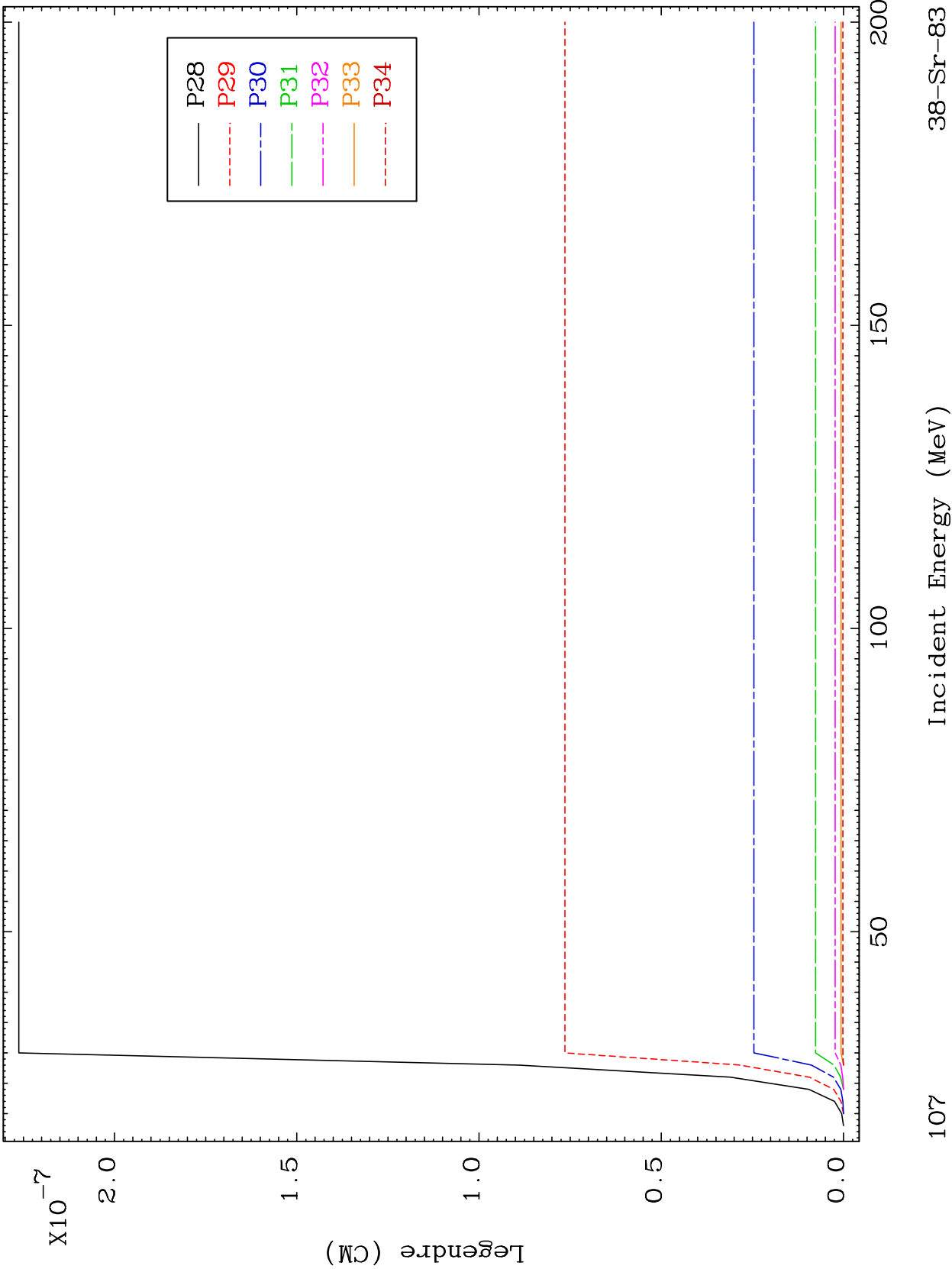
38-Sr-83



MAT 3822

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

38-Sr-83



107

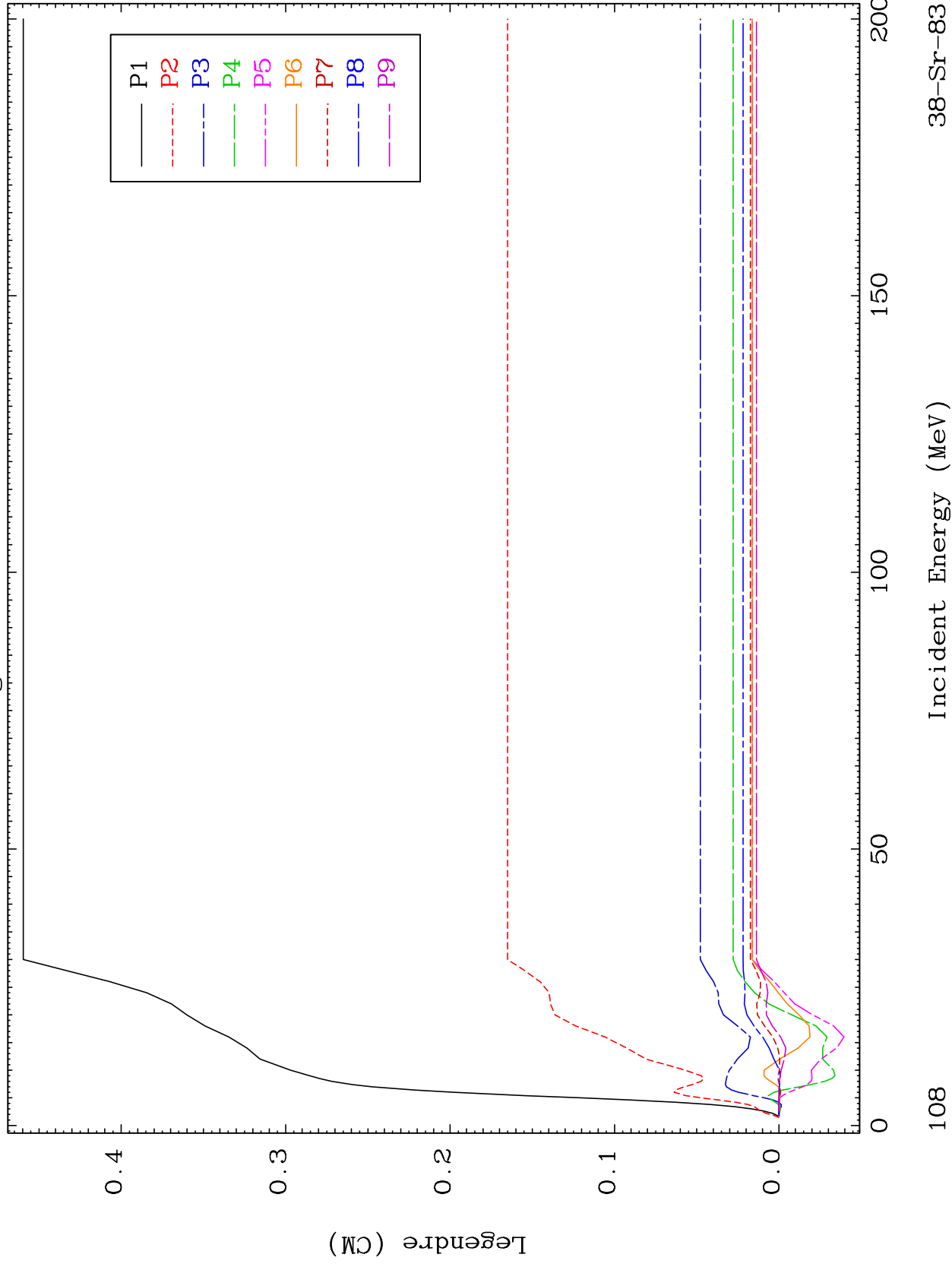
Incident Energy (MeV)

38-Sr-83

MAT 3822

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

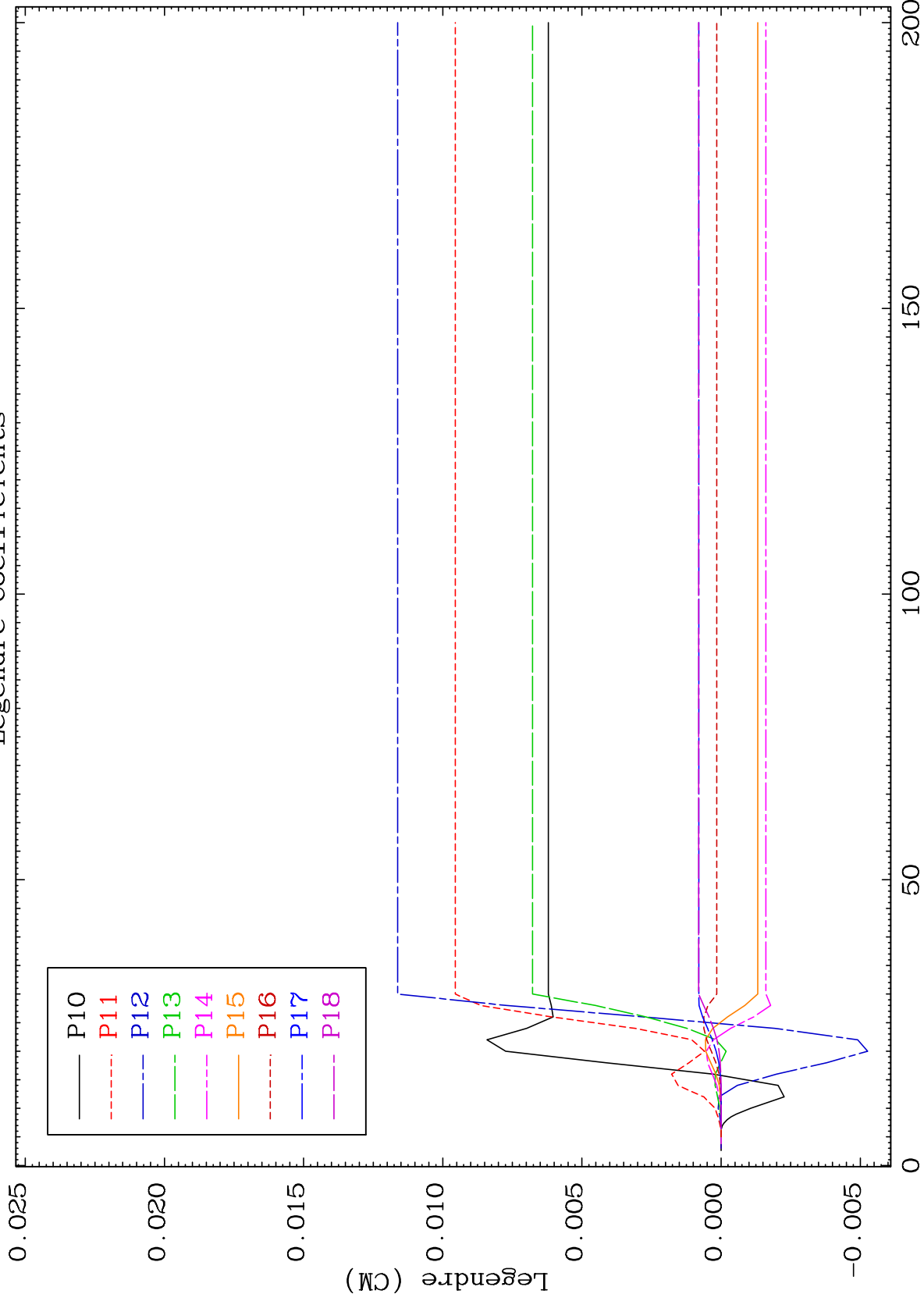
38-Sr-83



38-Sr-83

Incident Energy (MeV)

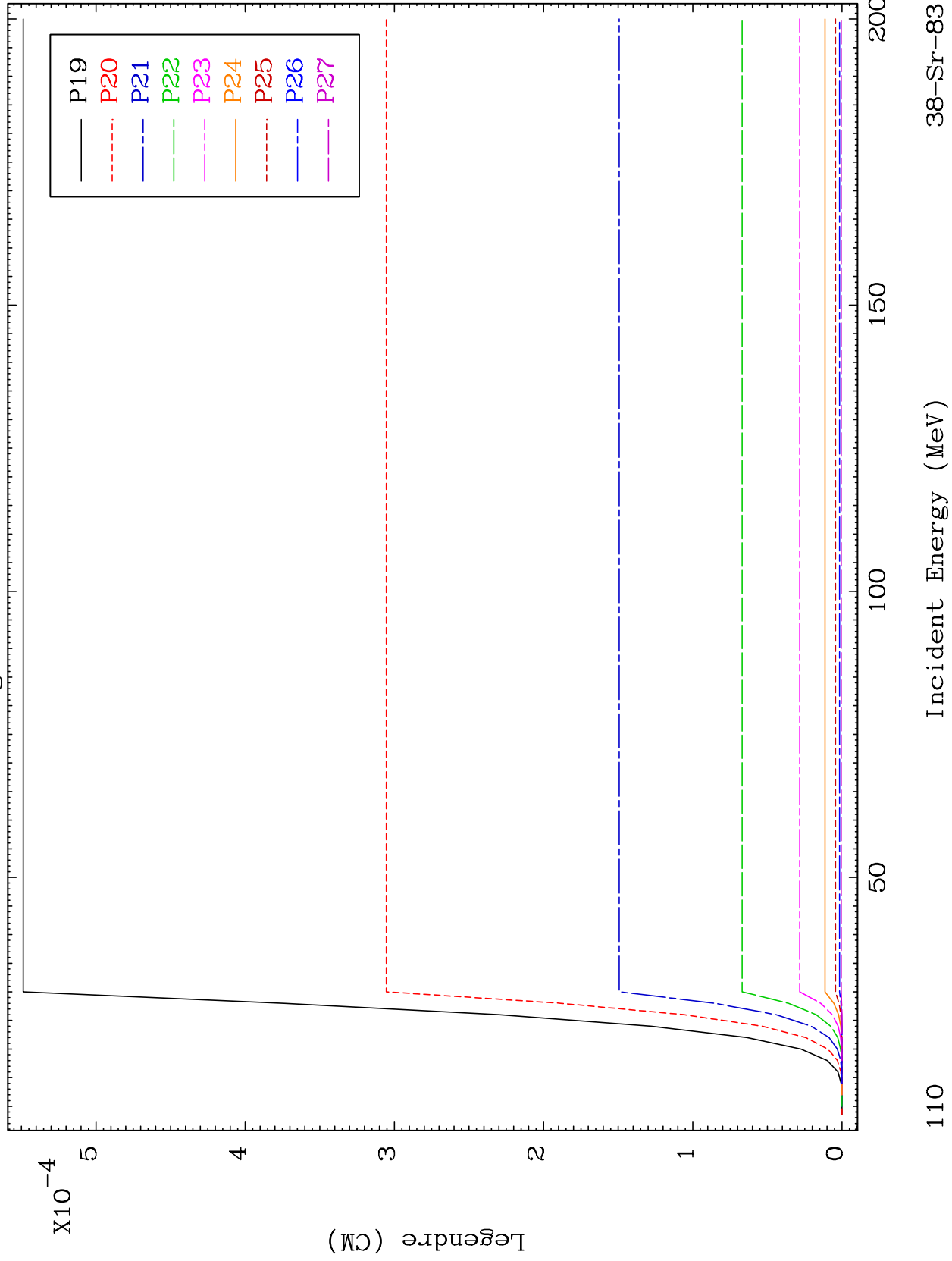
108

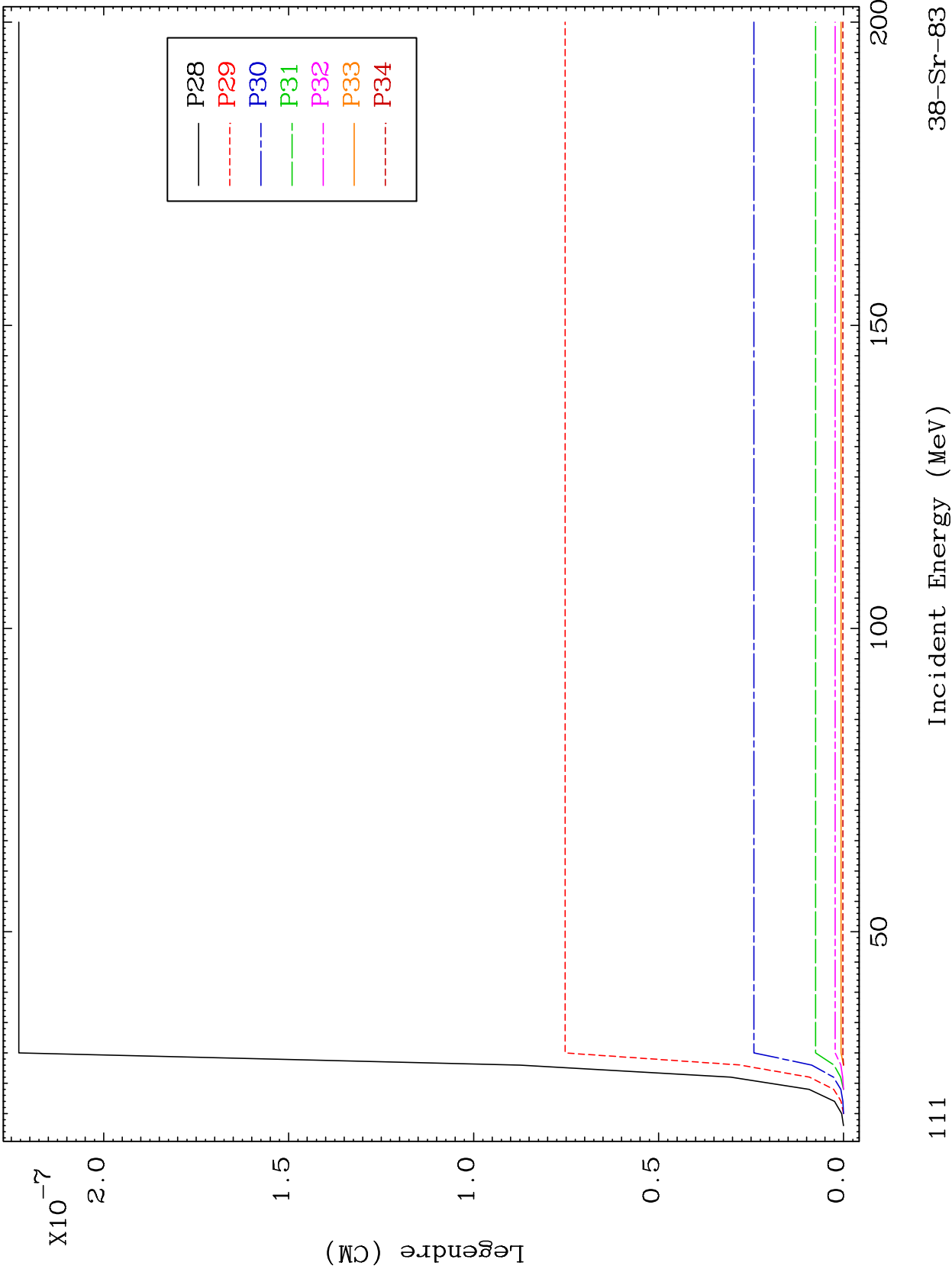


MAT 3822

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

38-Sr-83

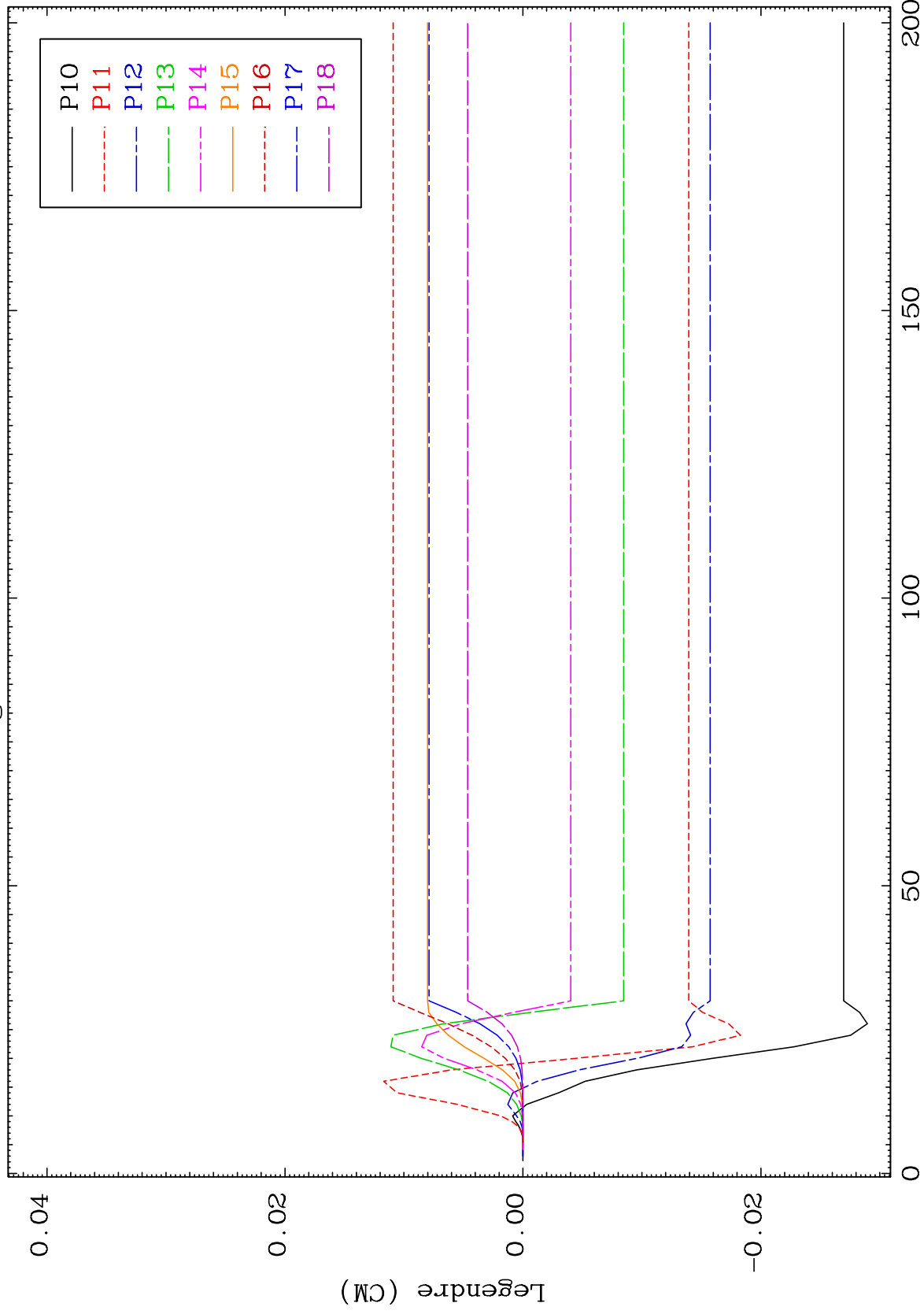




MAT 3822

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

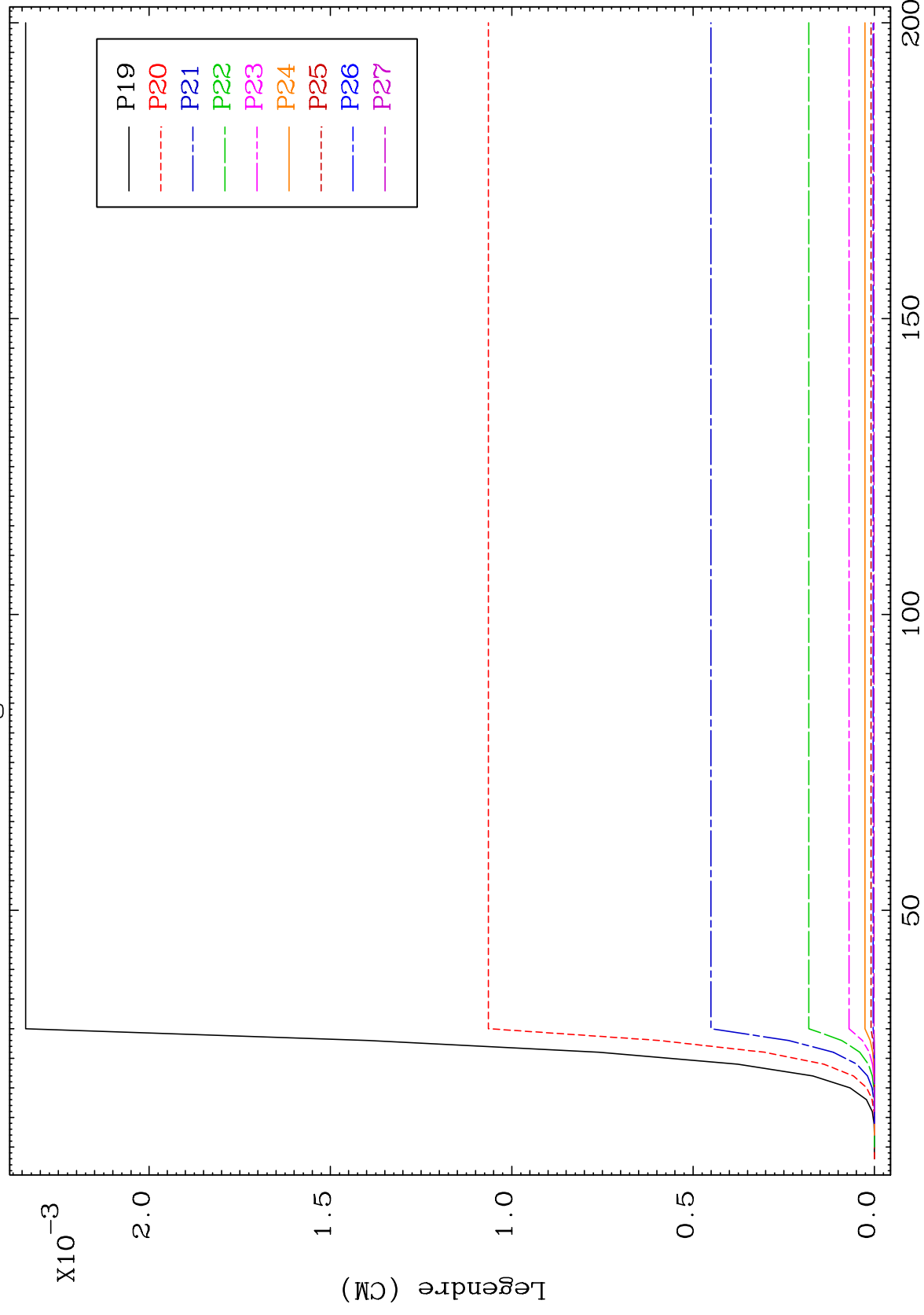
38-Sr-83



113

Incident Energy (MeV)

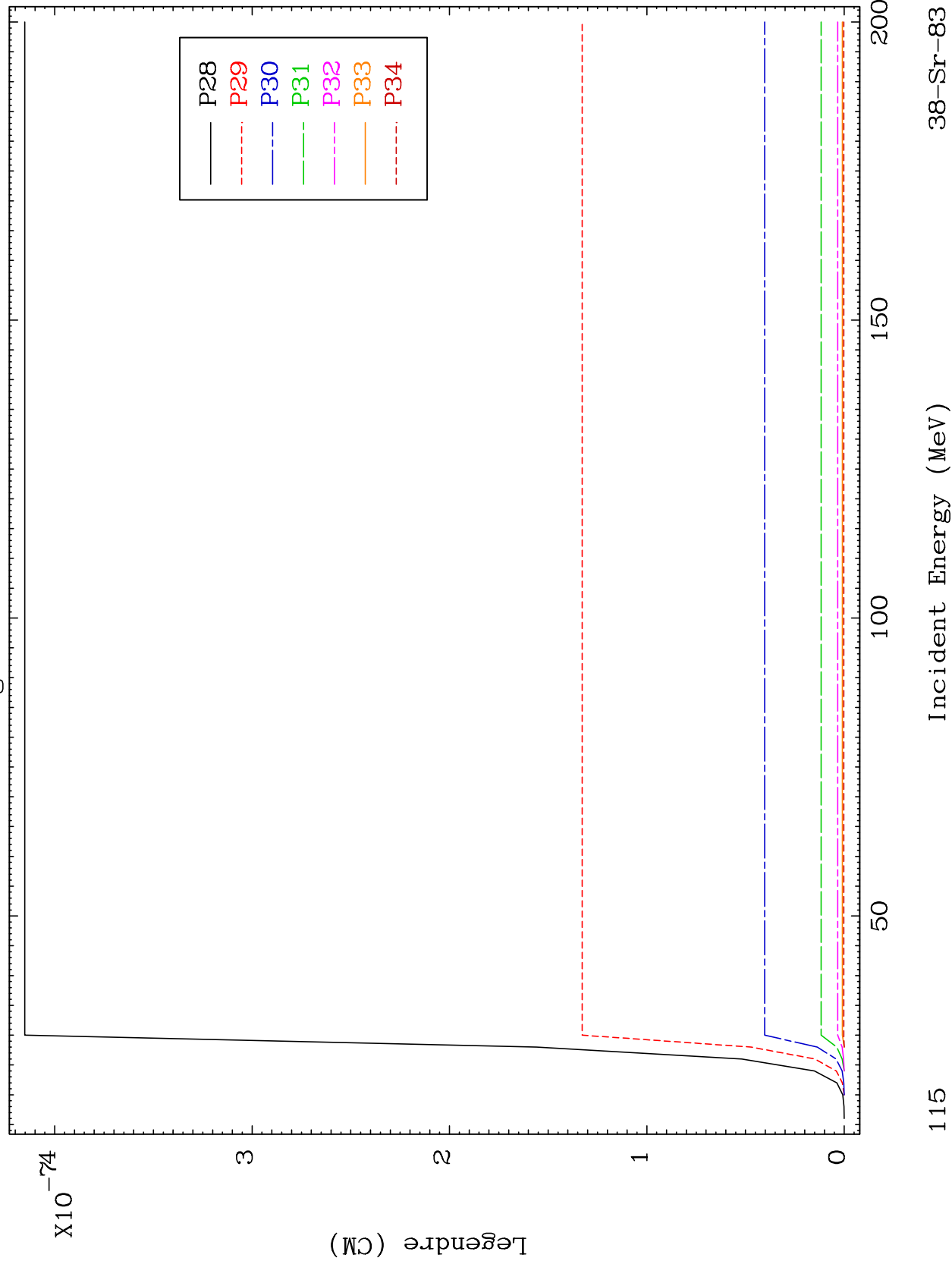
38-Sr-83



MAT 3822

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

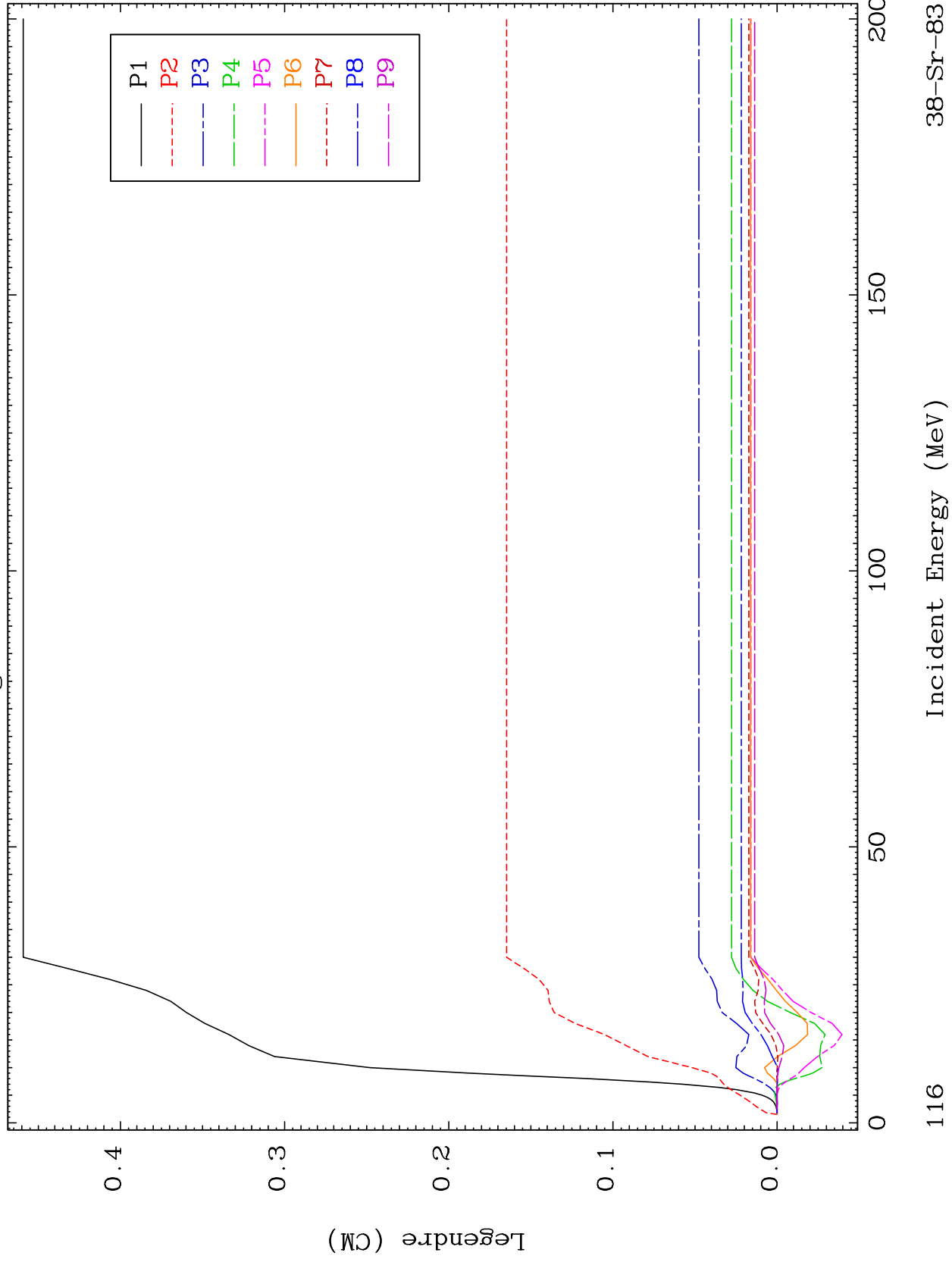
38-Sr-83



MAT 3822

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

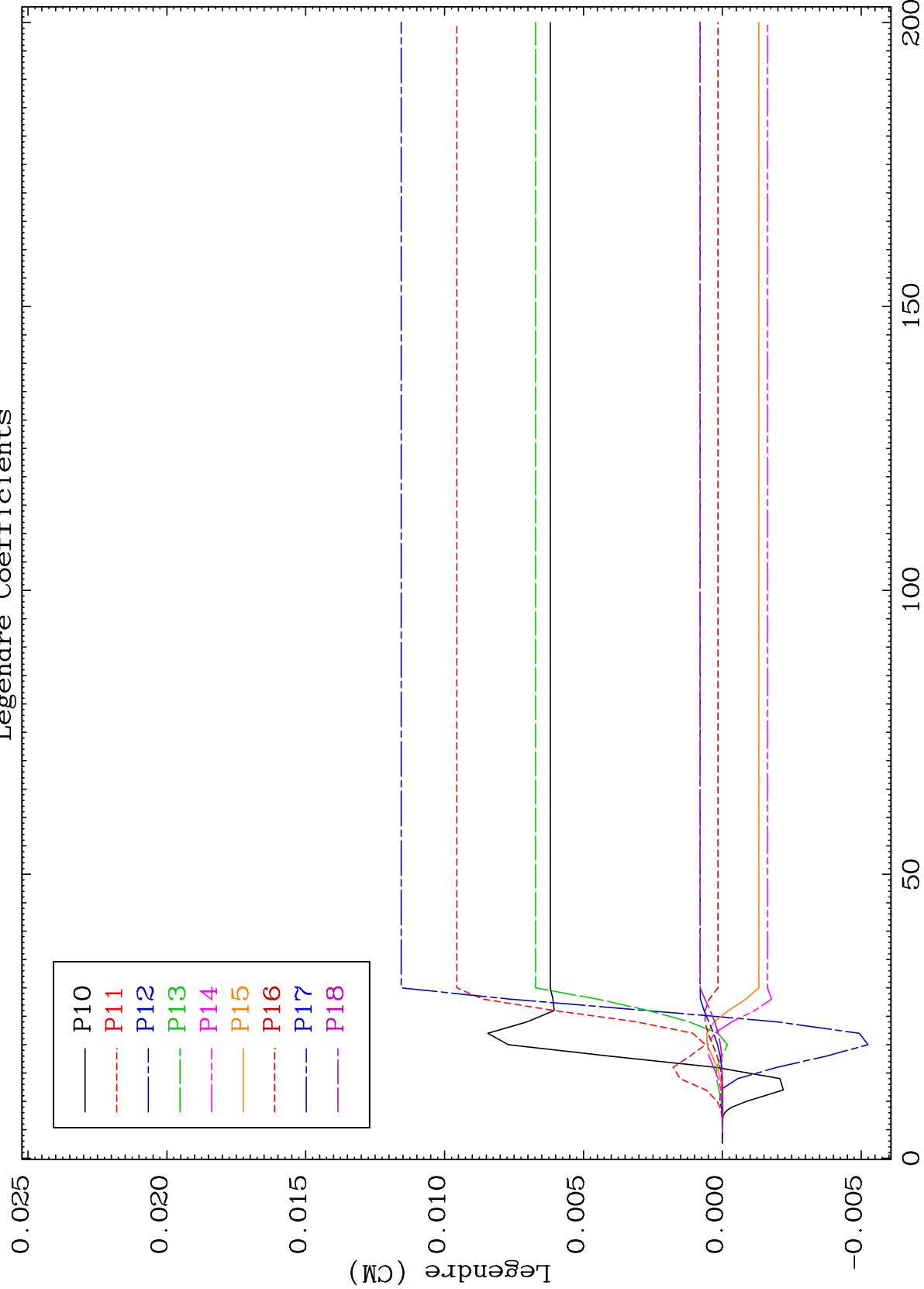
38-Sr-83



116

Incident Energy (MeV)

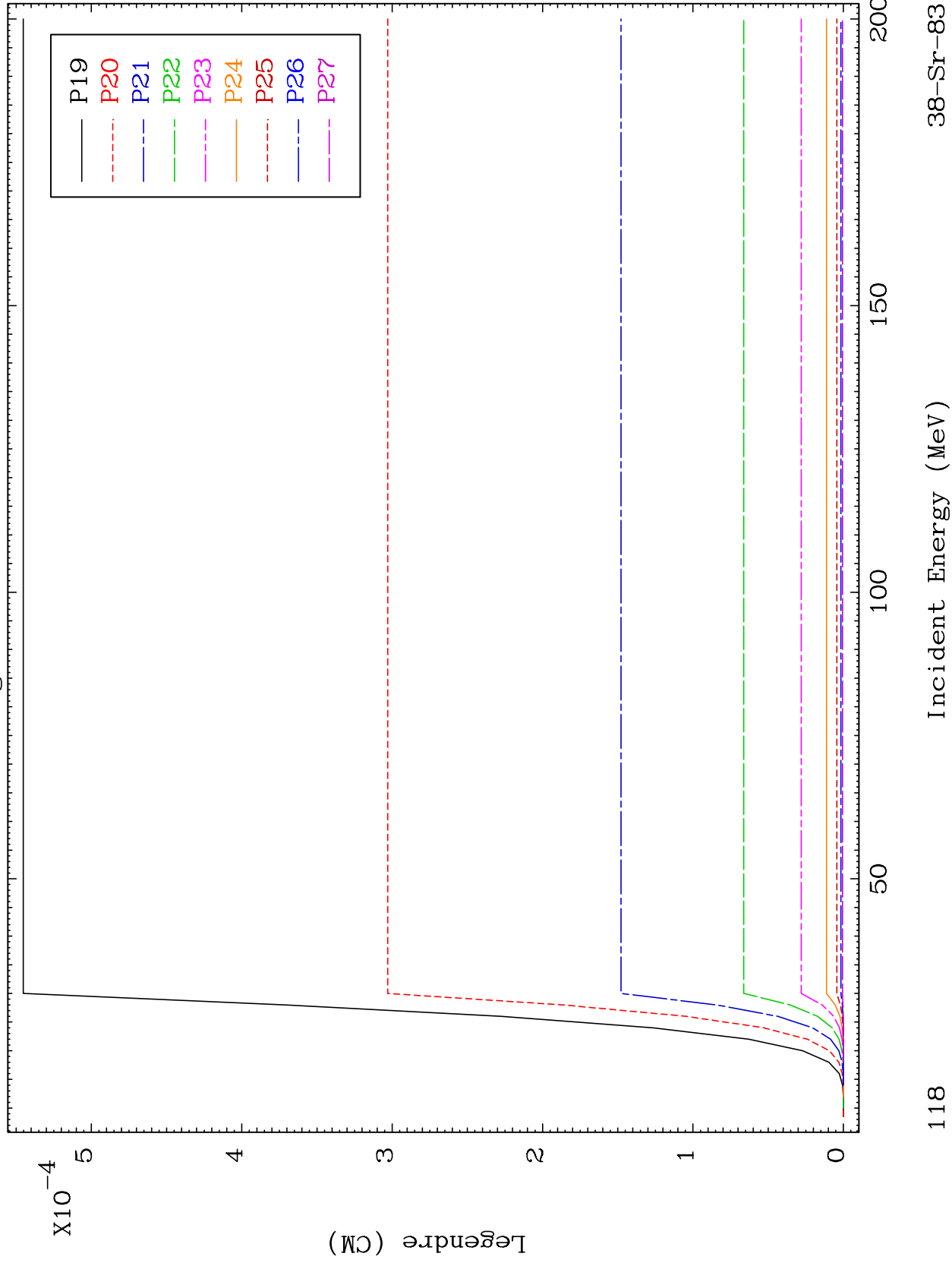
38-Sr-83



MAT 3822

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

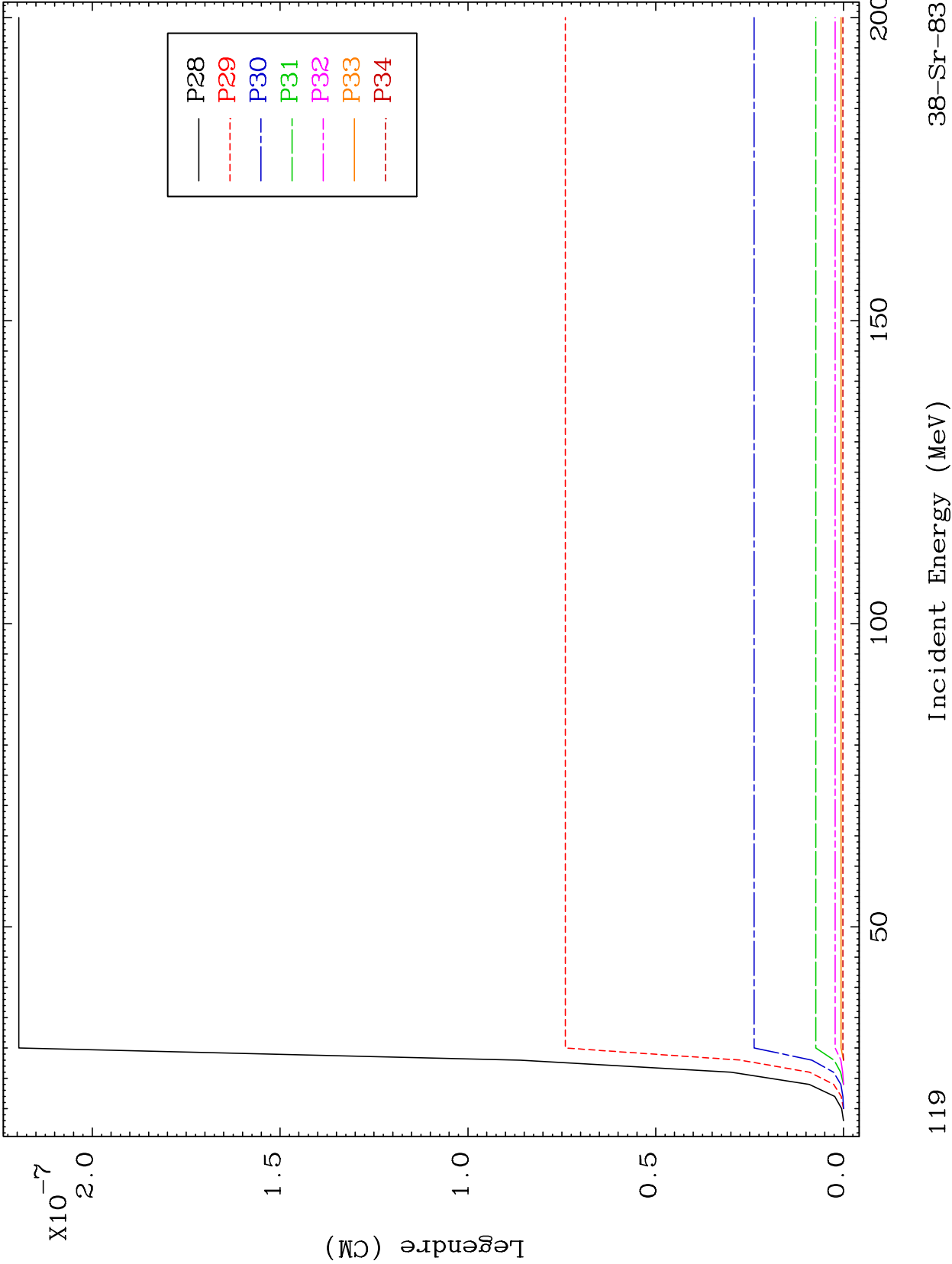
38-Sr-83



MAT 3822

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

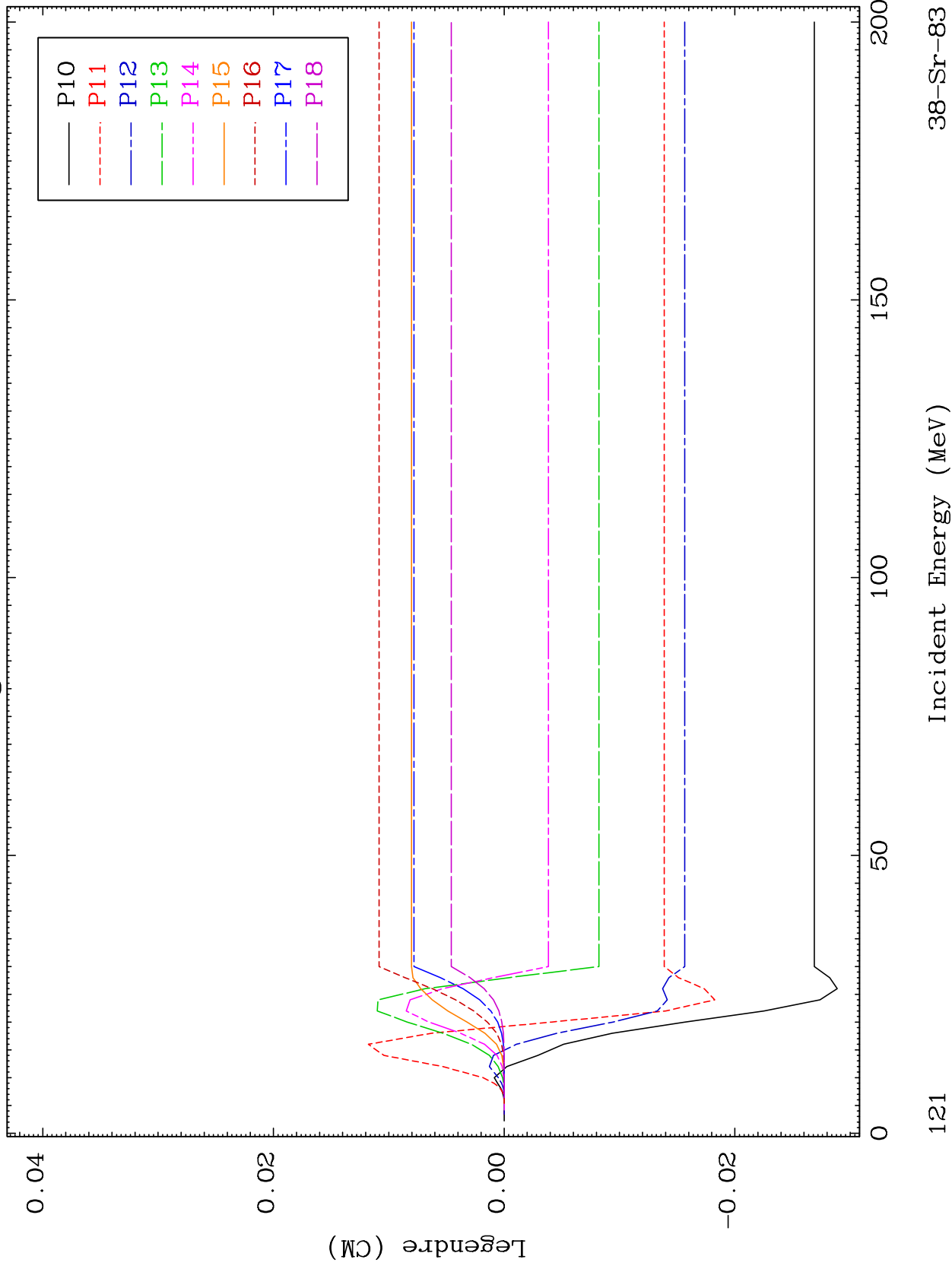
38-Sr-83



MAT 3822

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

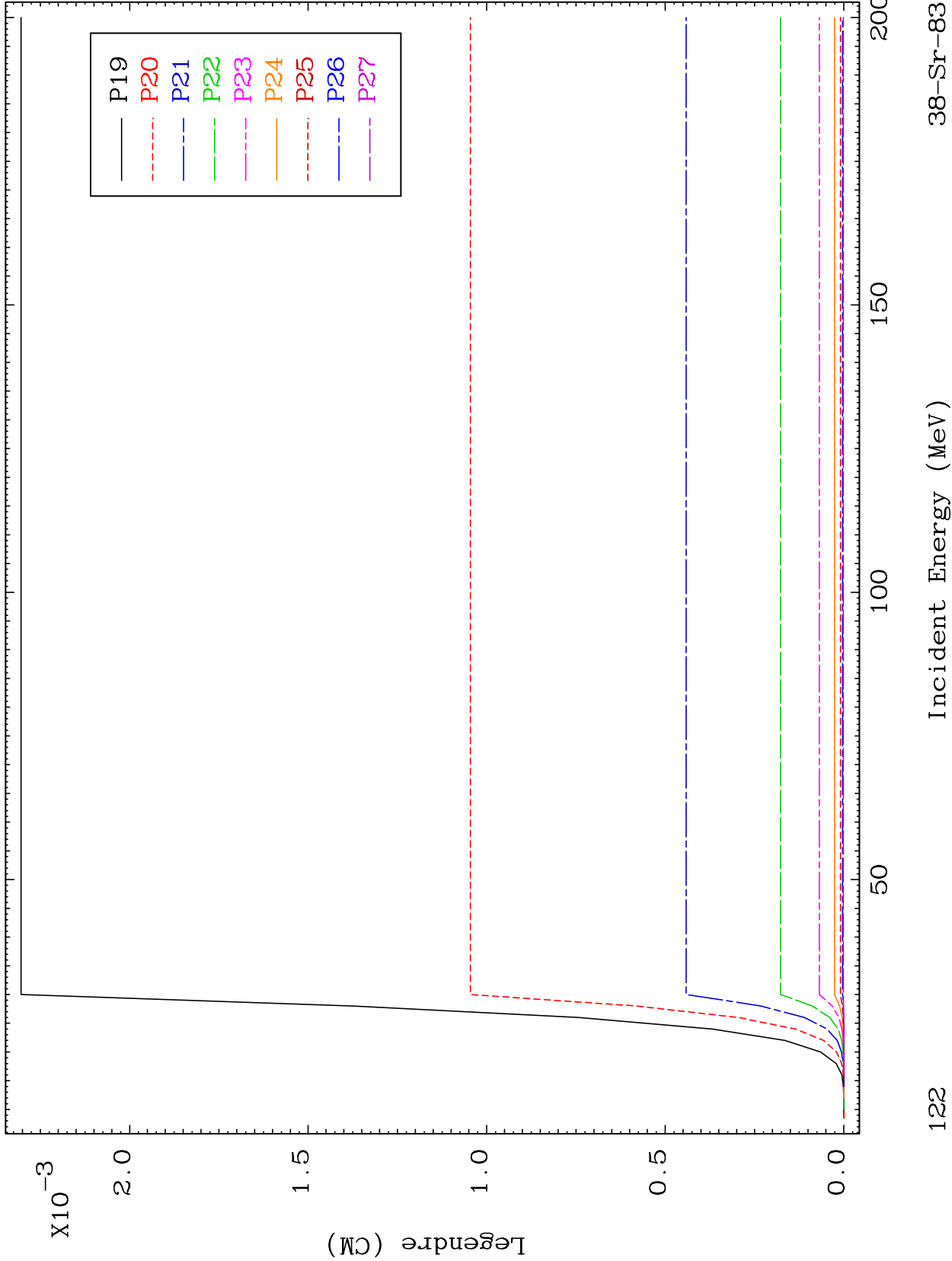
38-Sr-83



121

Incident Energy (MeV)

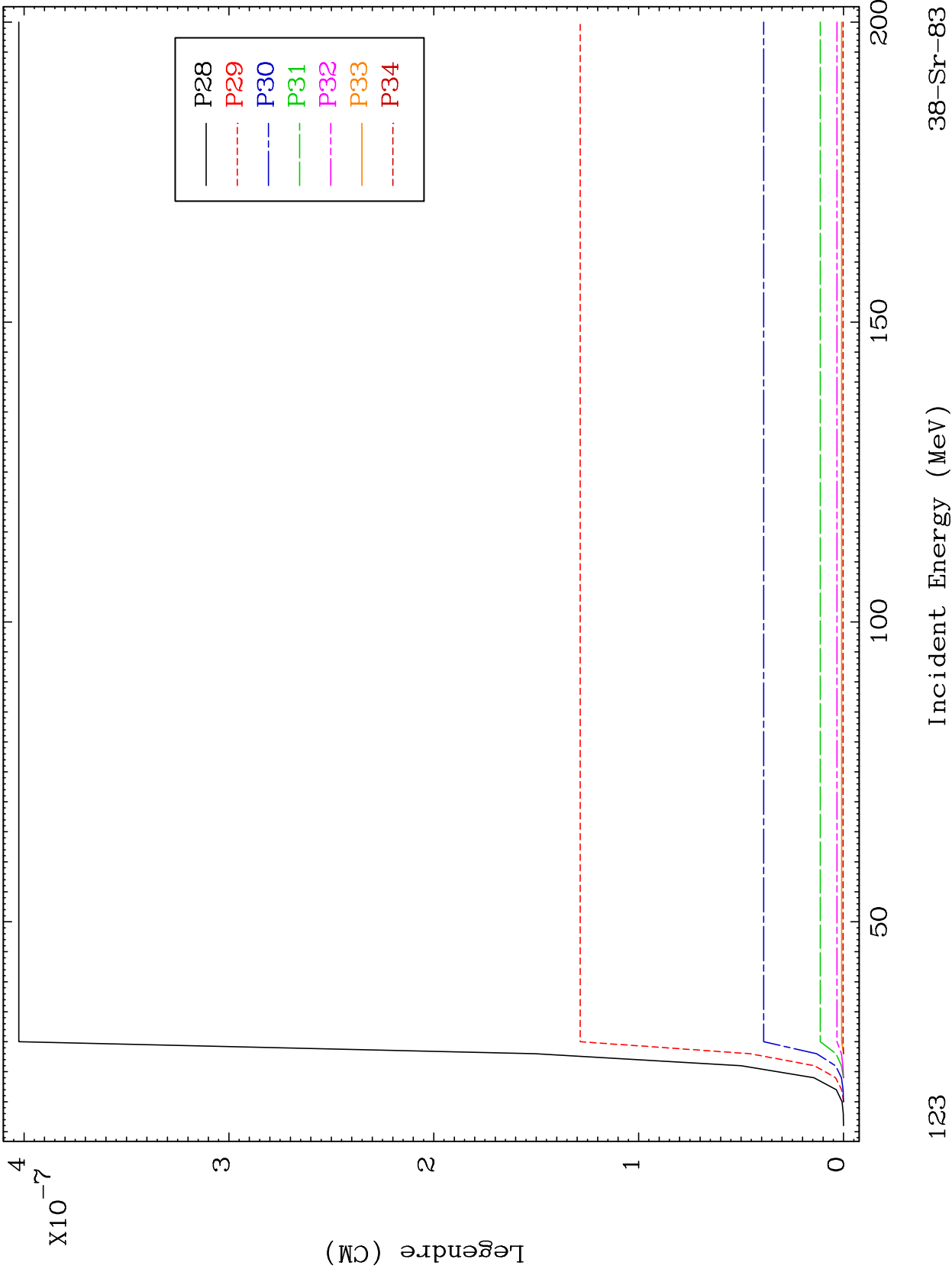
38-Sr-83



MAT 3822

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

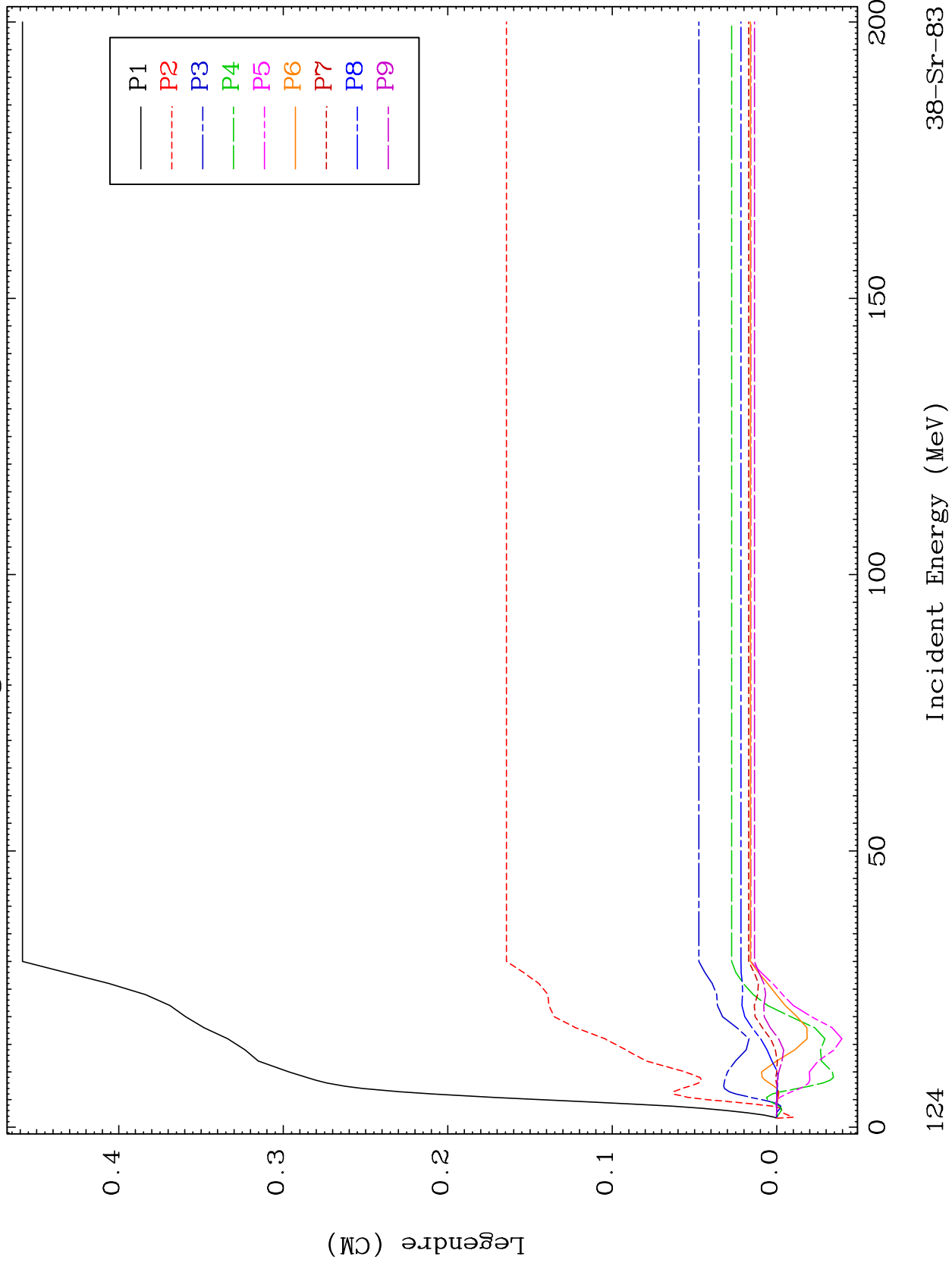
38-Sr-83



MAT 3822

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

38-Sr-83



38-Sr-83

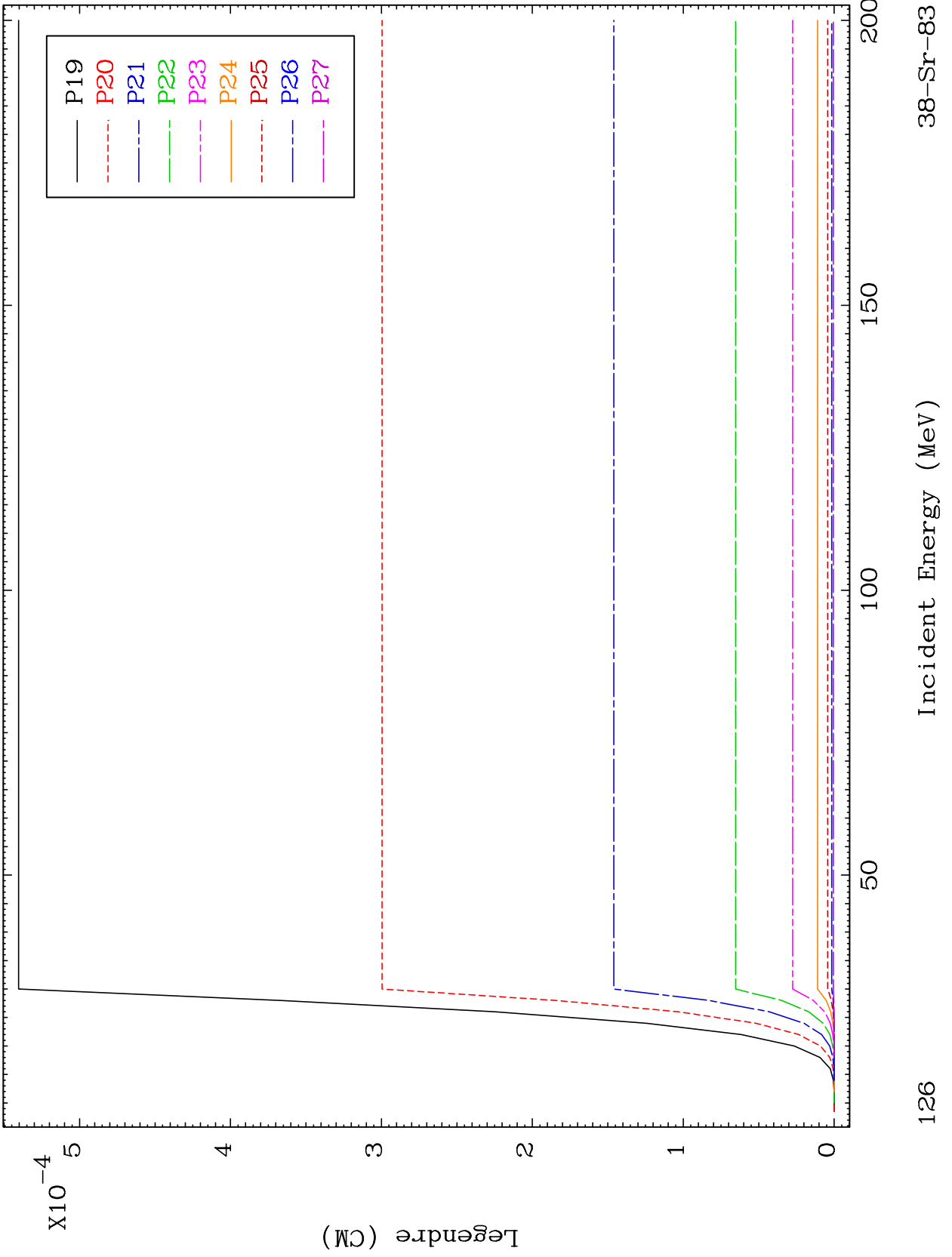
Incident Energy (MeV)

124

MAT 3822

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

38-Sr-83

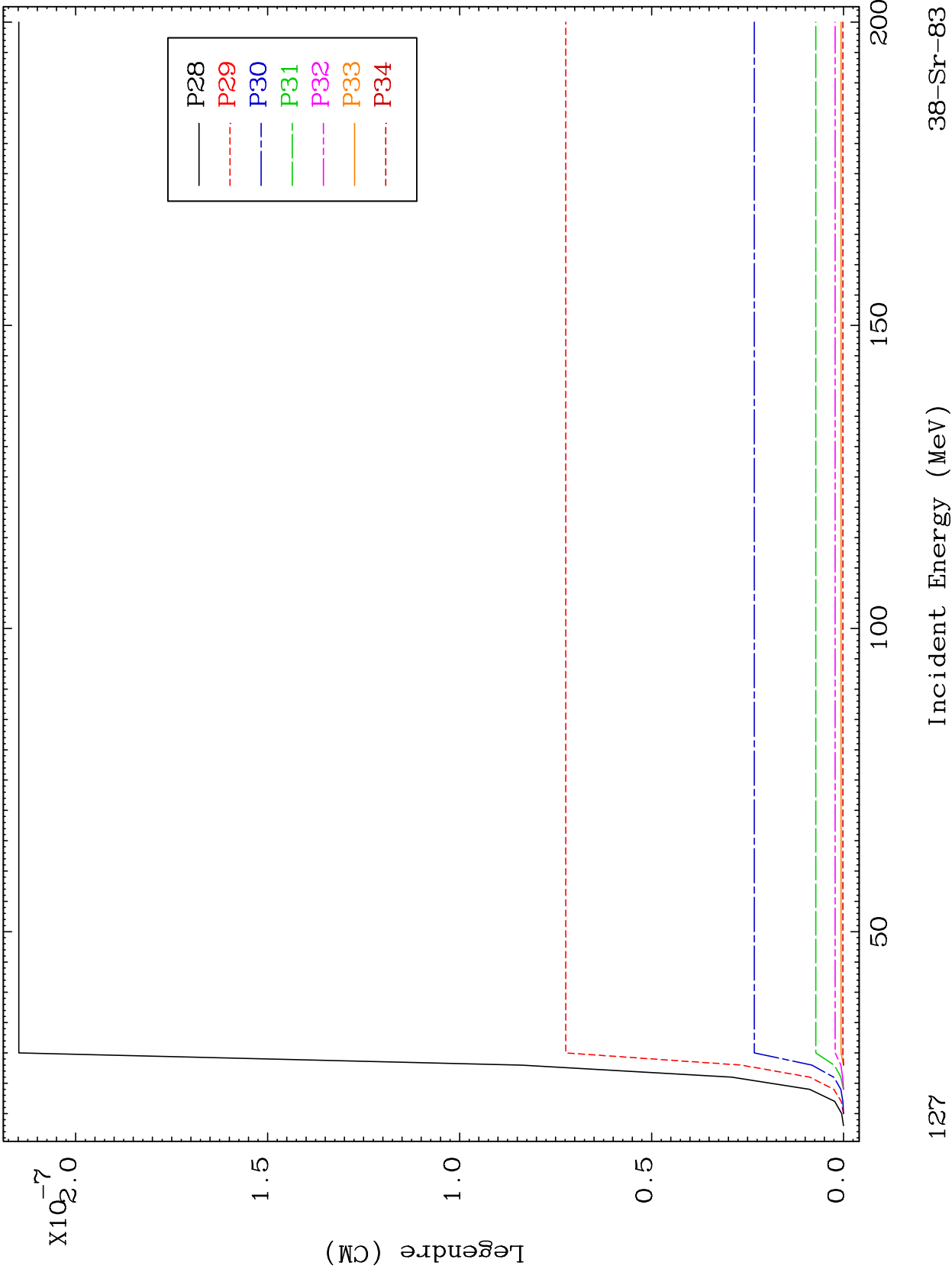


126

MAT 3822

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

38-Sr-83



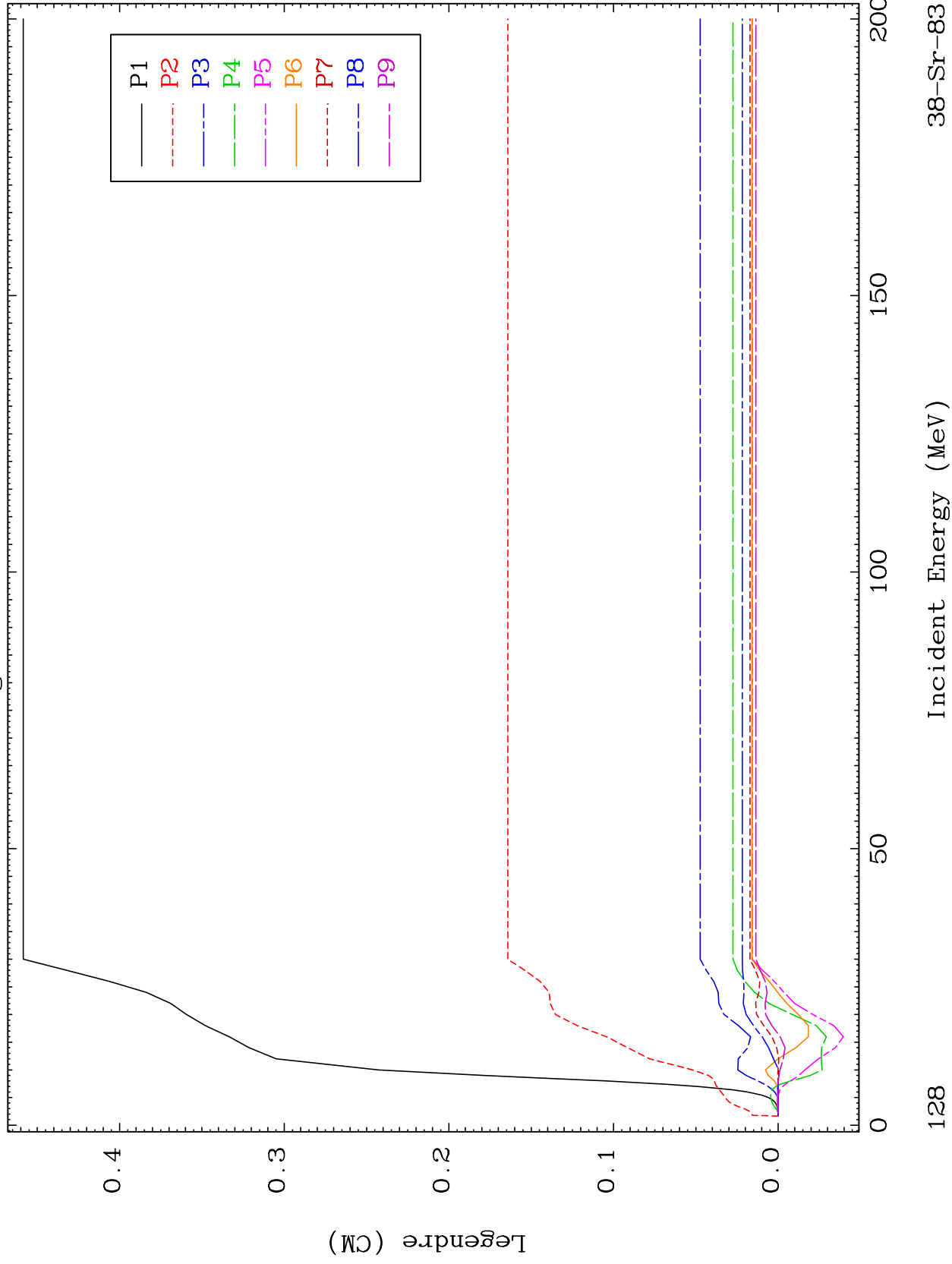
127

38-Sr-83

MAT 3822

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

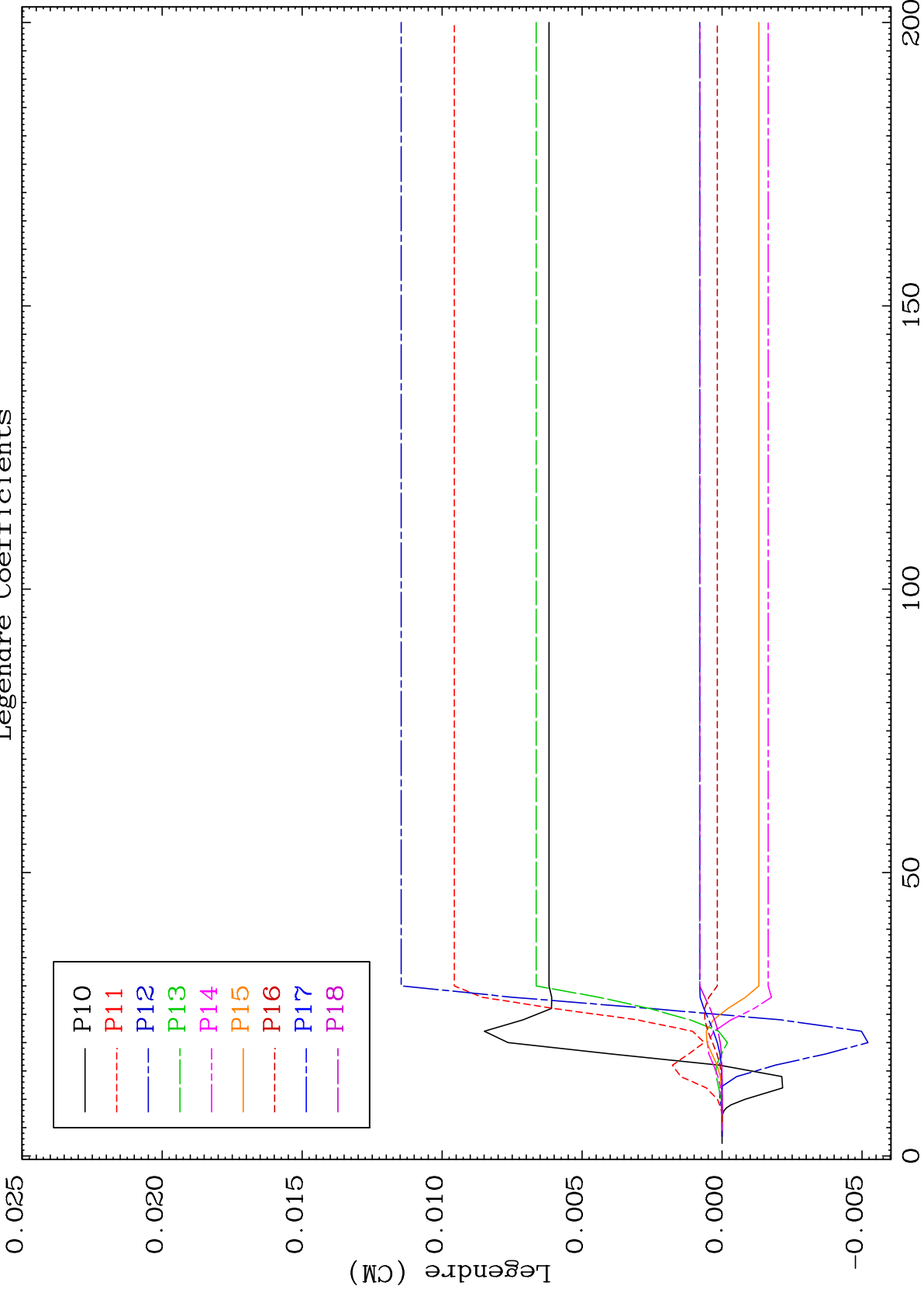
38-Sr-83



128

Incident Energy (MeV)

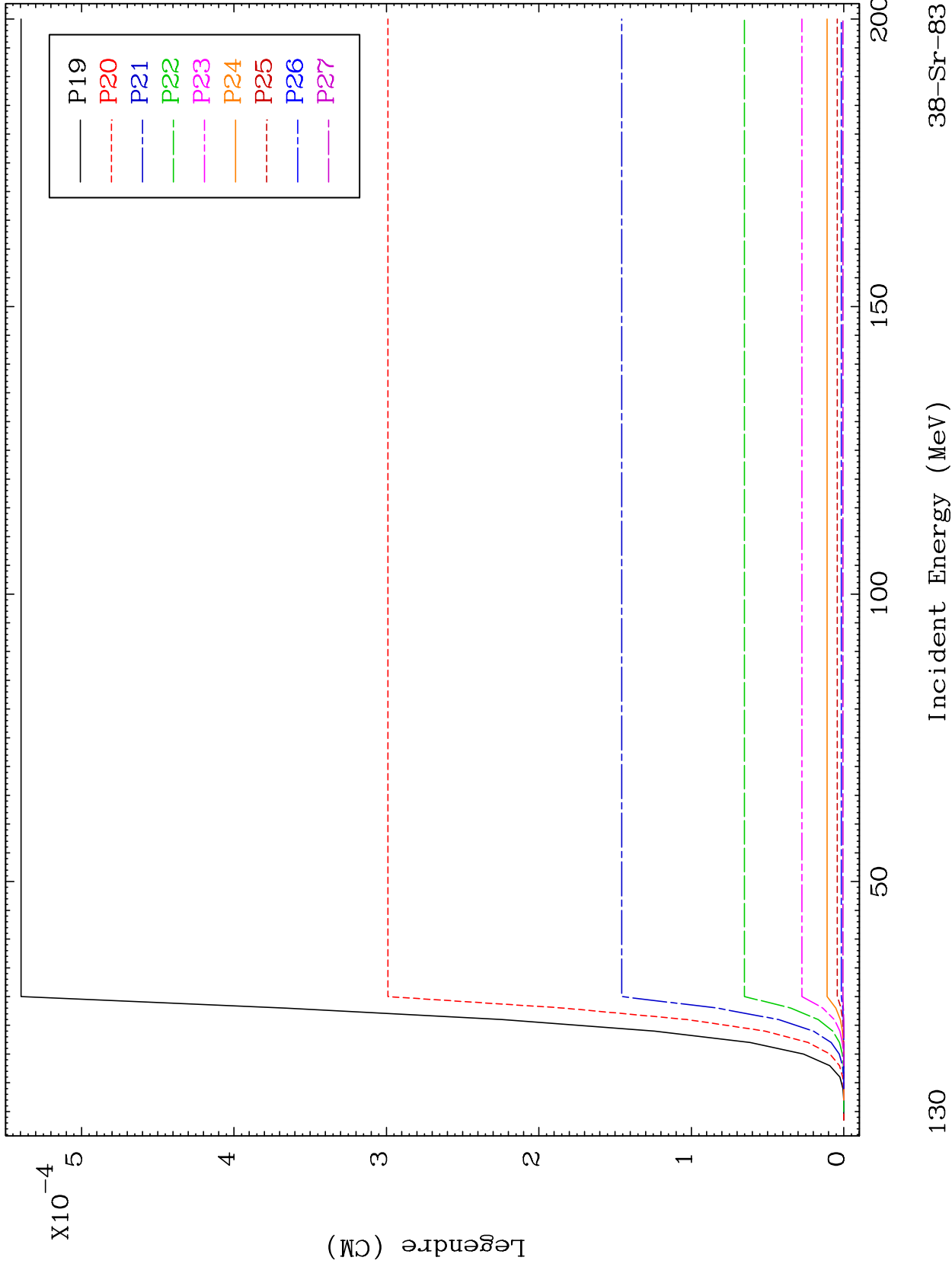
38-Sr-83



MAT 3822

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

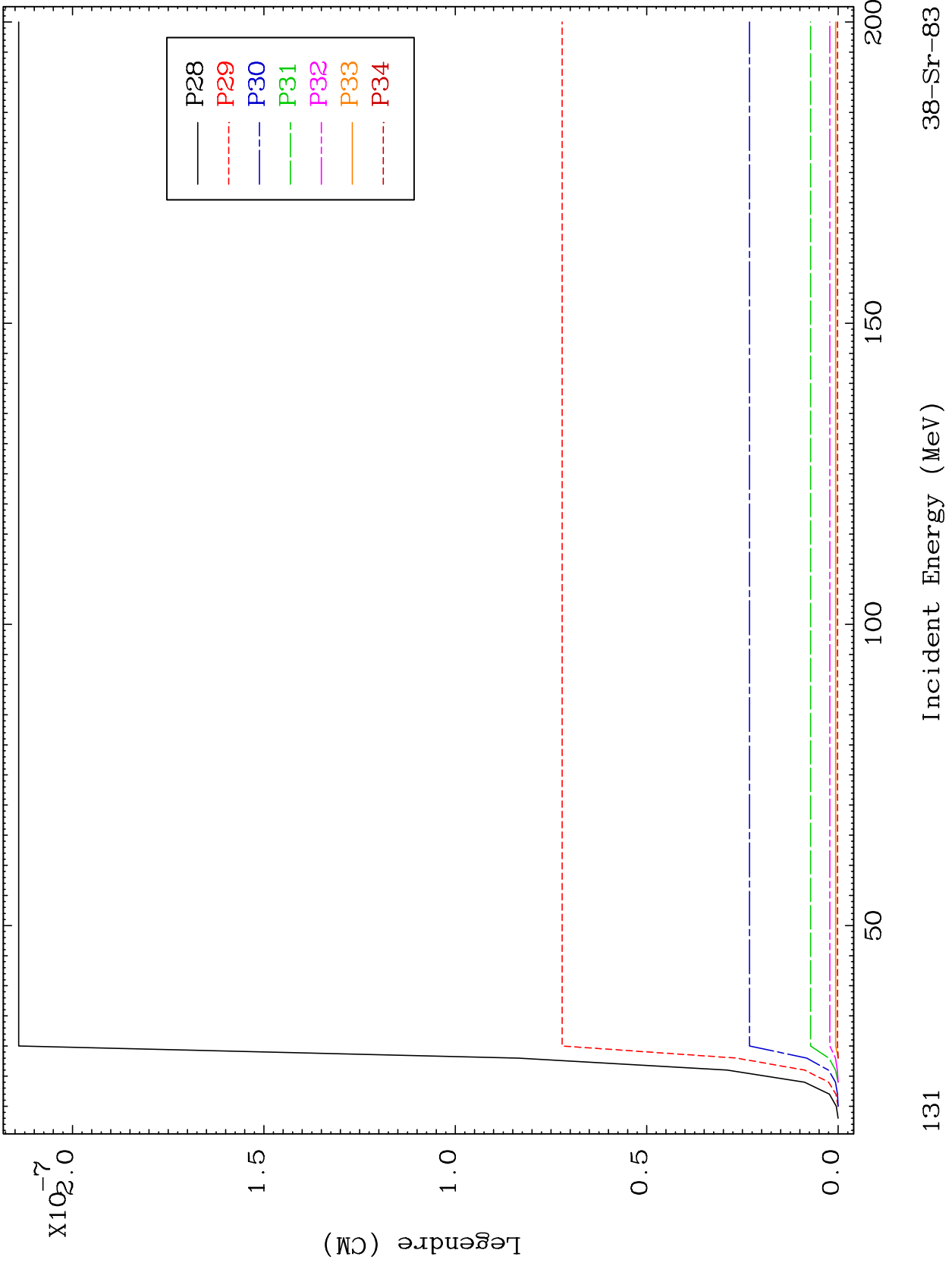
38-Sr-83



MAT 3822

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

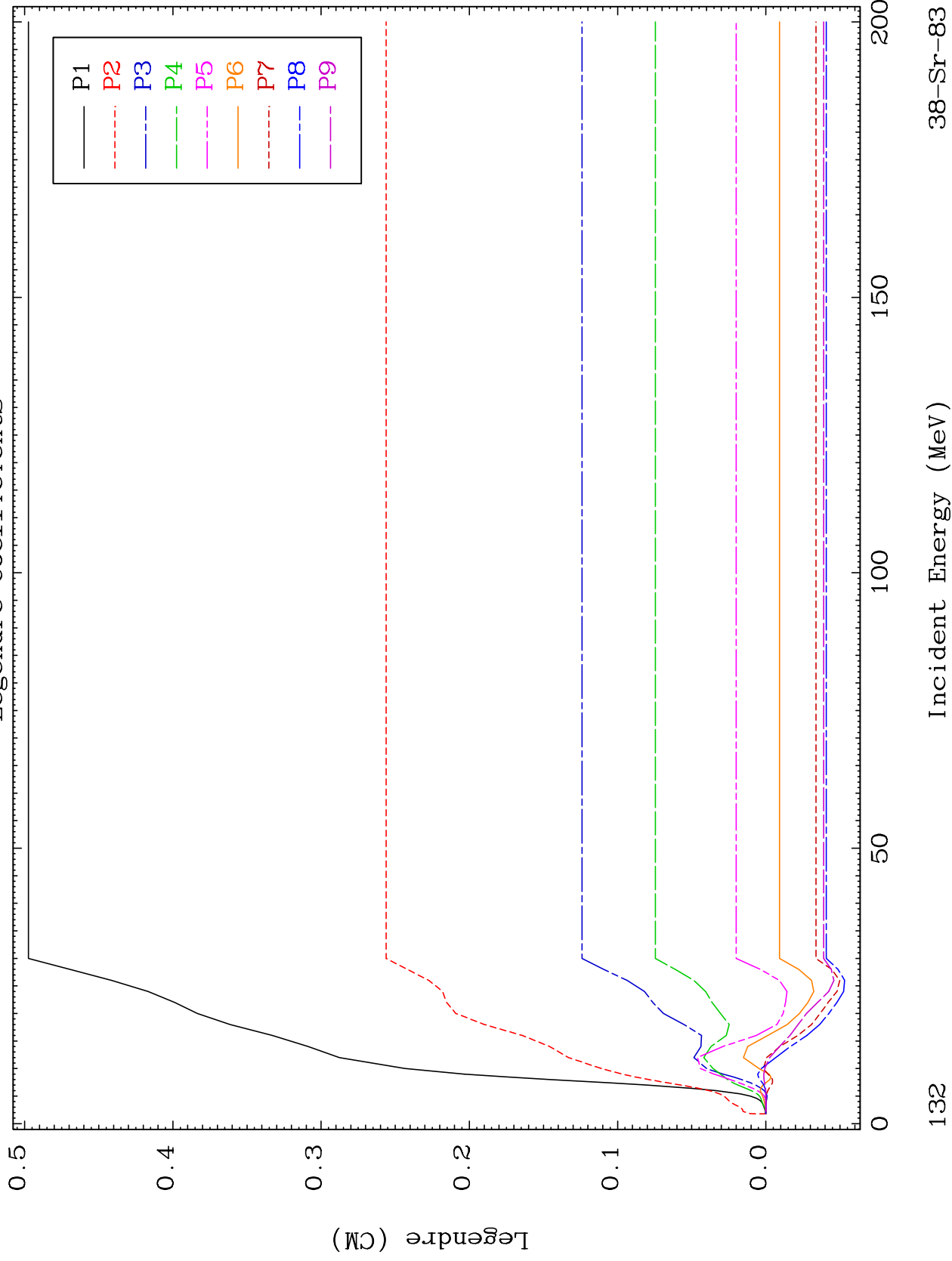
38-Sr-83



MAT 3822

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

38-Sr-83



132

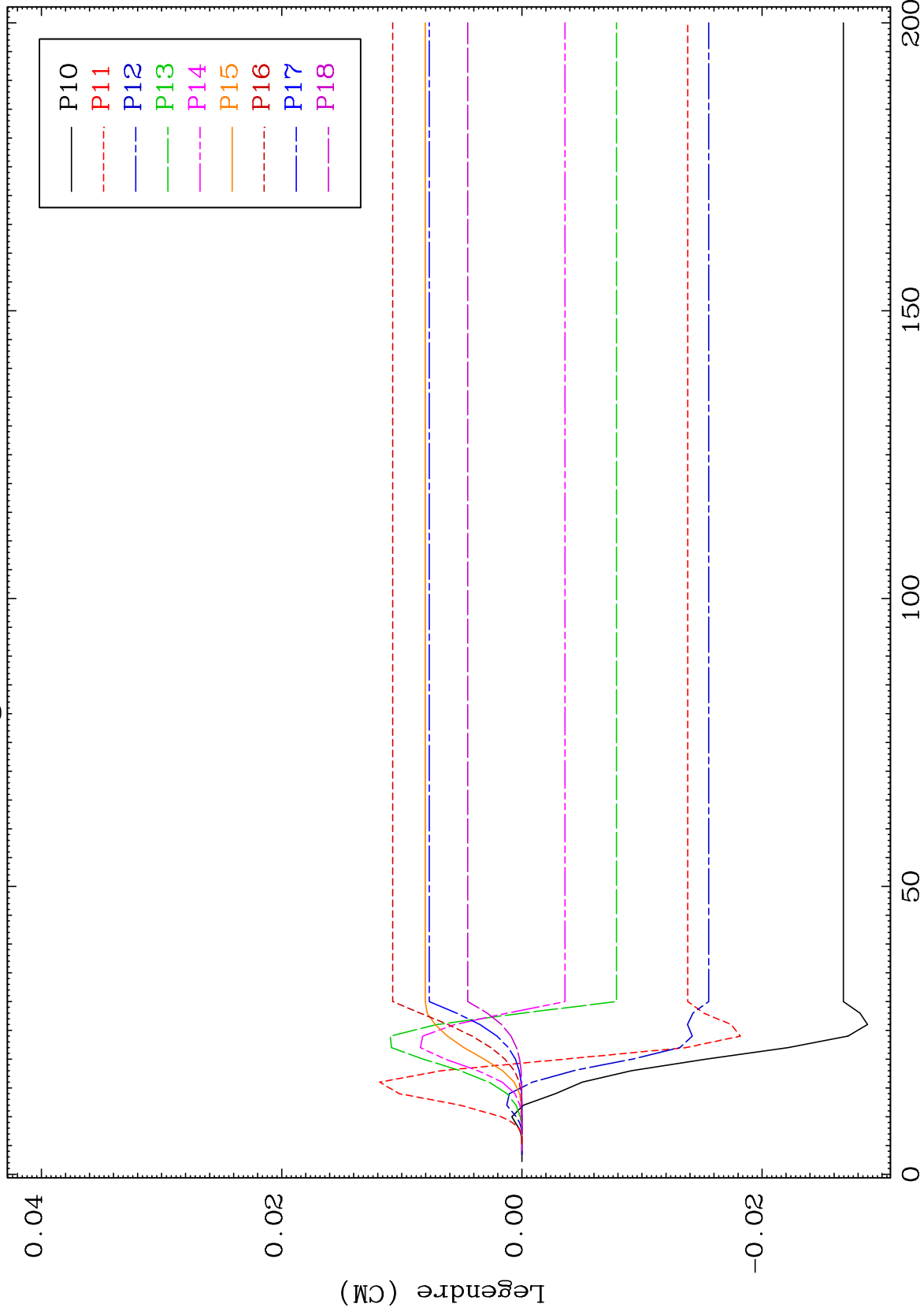
Incident Energy (MeV)

38-Sr-83

MAT 3822

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

38-Sr-83



133

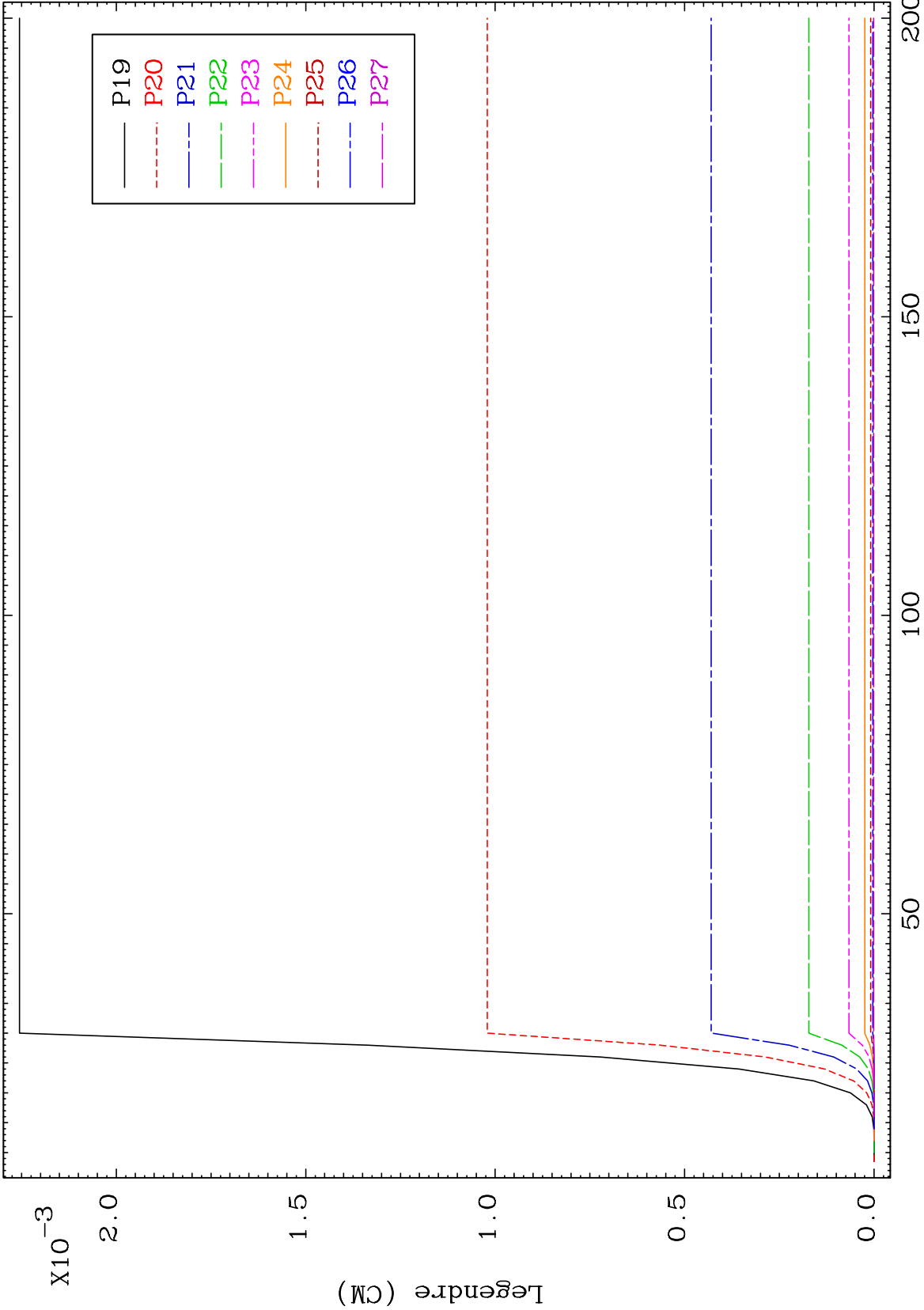
Incident Energy (MeV)

38-Sr-83

MAT 3822

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

38-Sr-83



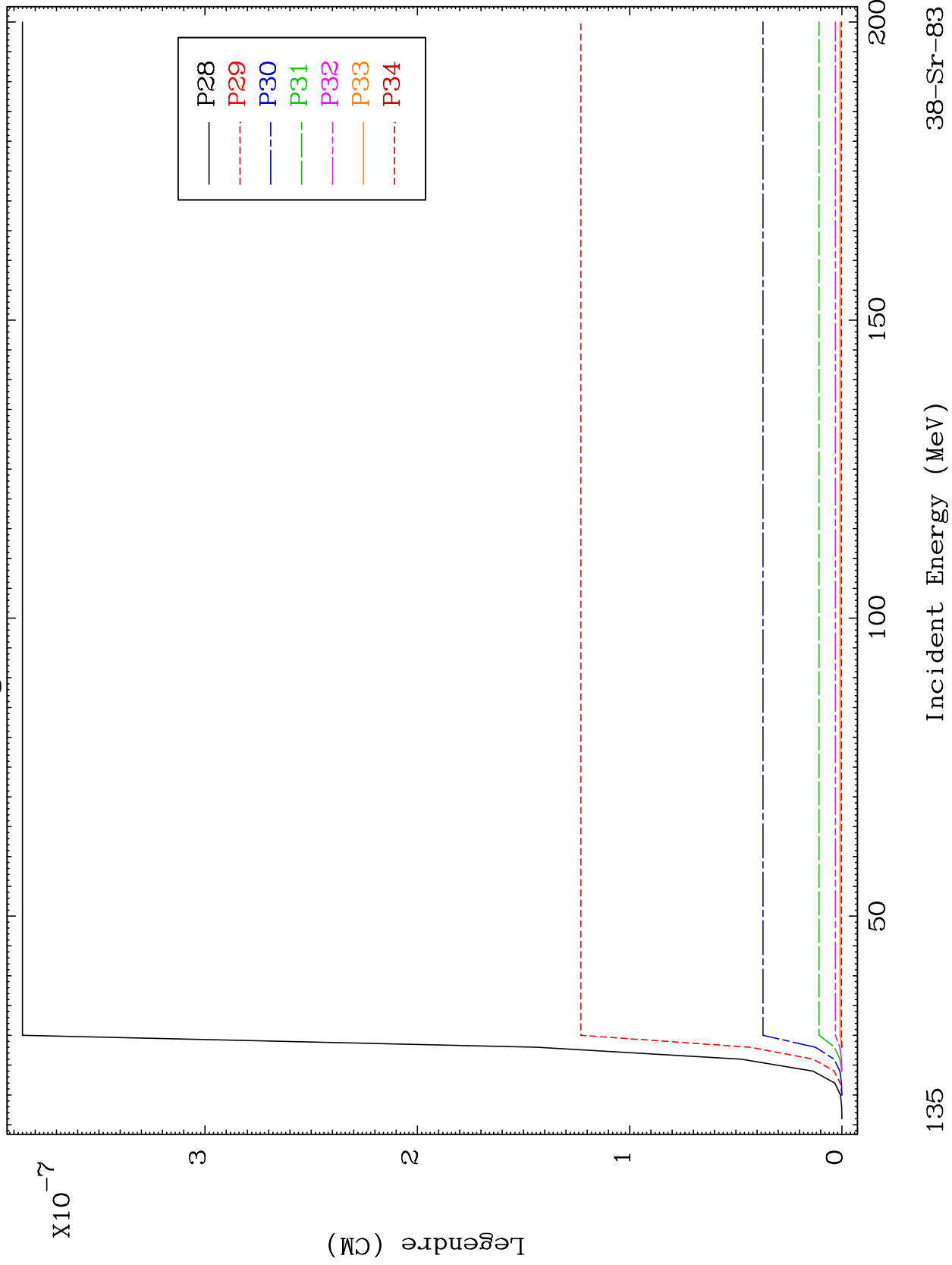
134

38-Sr-83

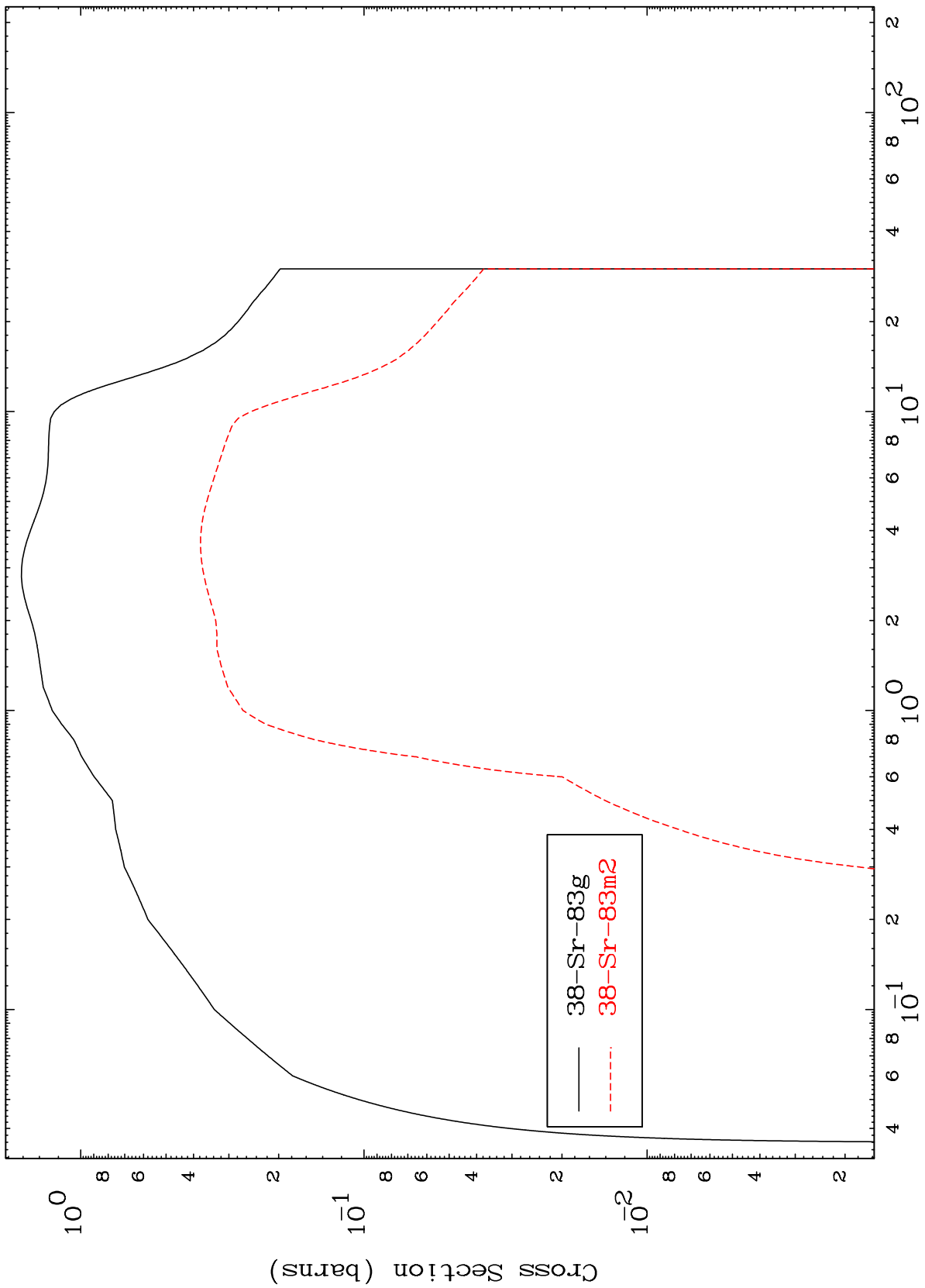
MAT 3822

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

38-Sr-83



Inelastic
Radionuclide Production Cross Section

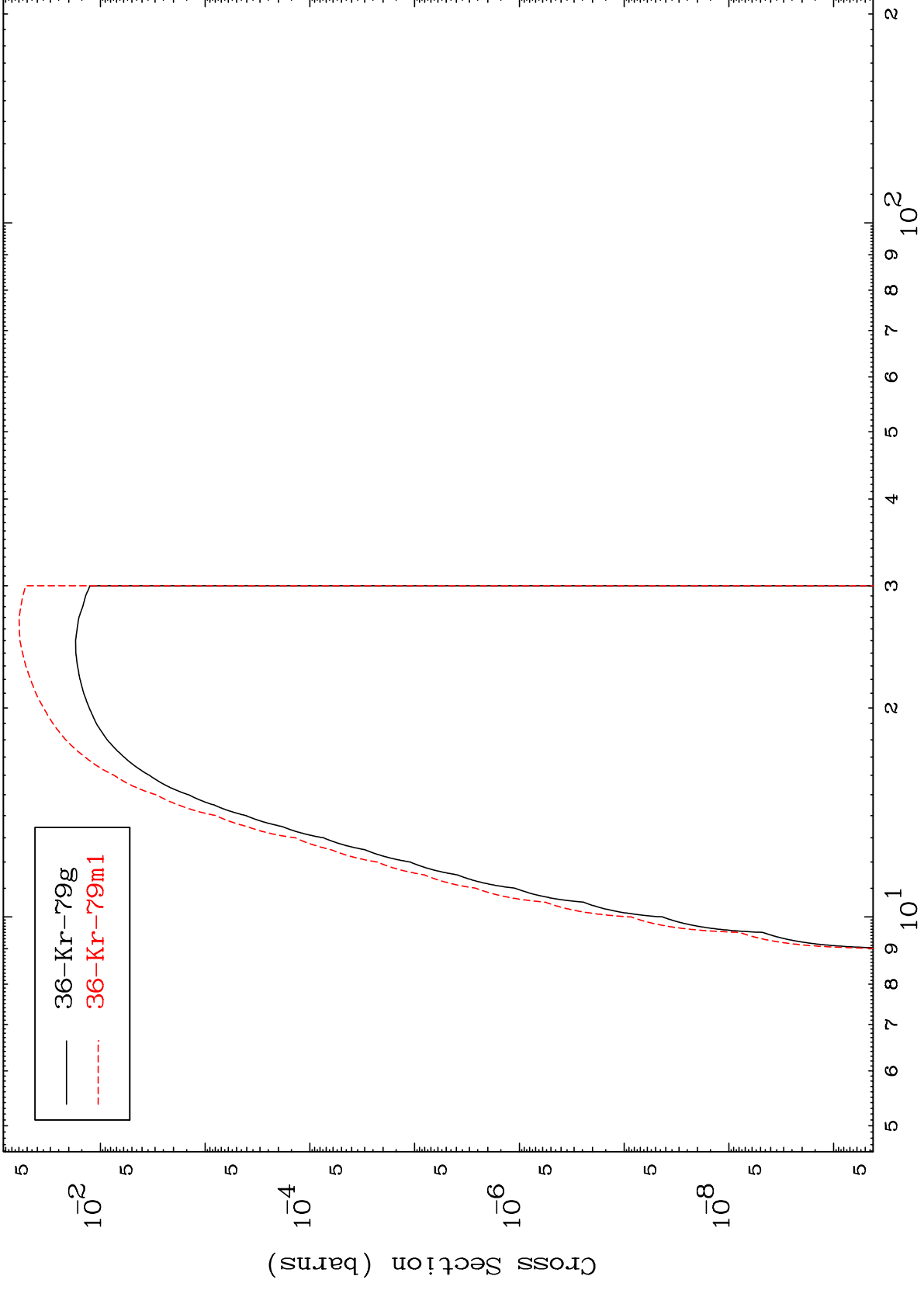


MAT 3822

(n, n') α

38-Sr-83

Radionuclide Production Cross Section



36-Kr-79g
36-Kr-79m1

137

Incident Energy (MeV)

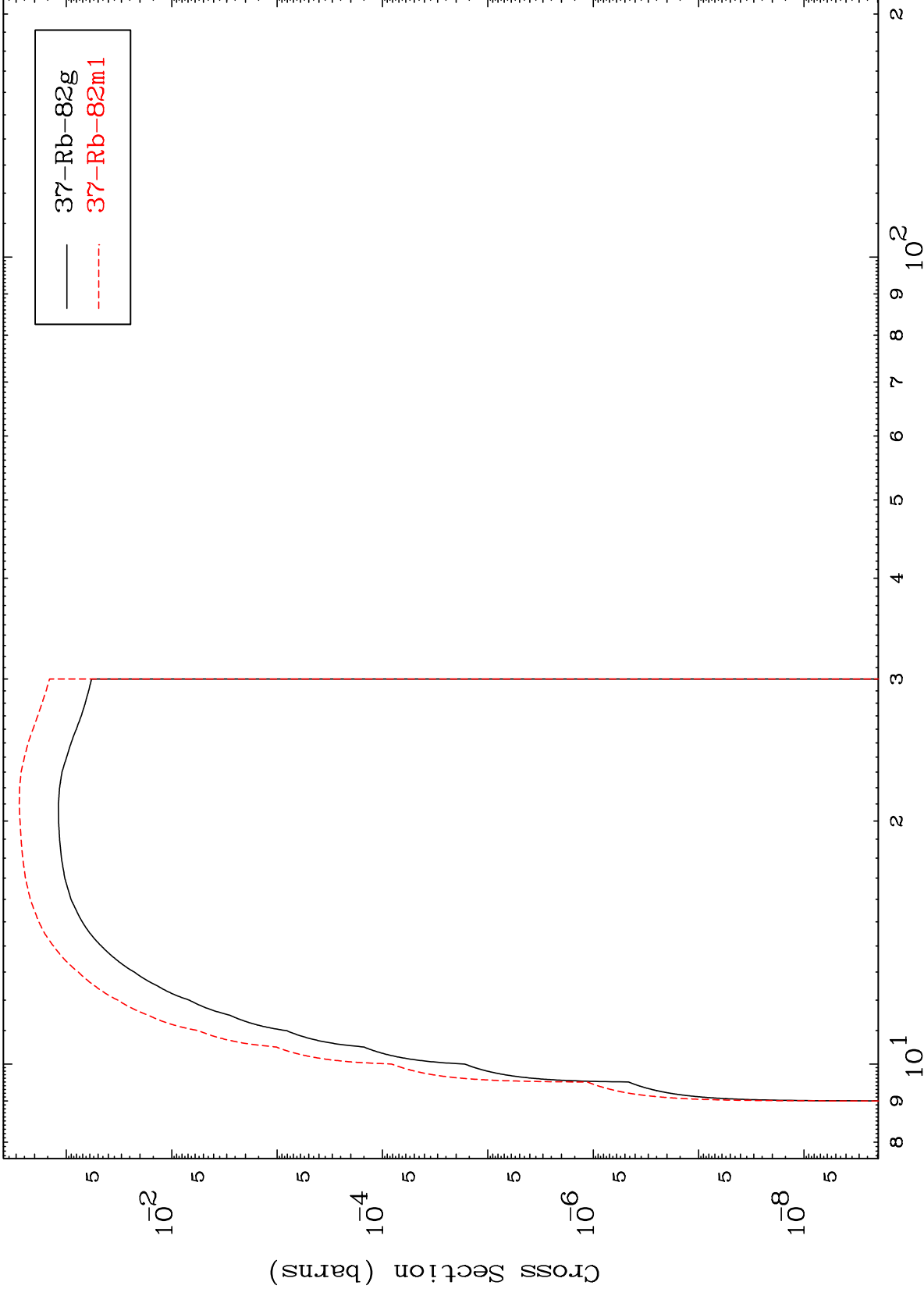
38-Sr-83

MAT 3822

(n,n') p

38-Sr-83

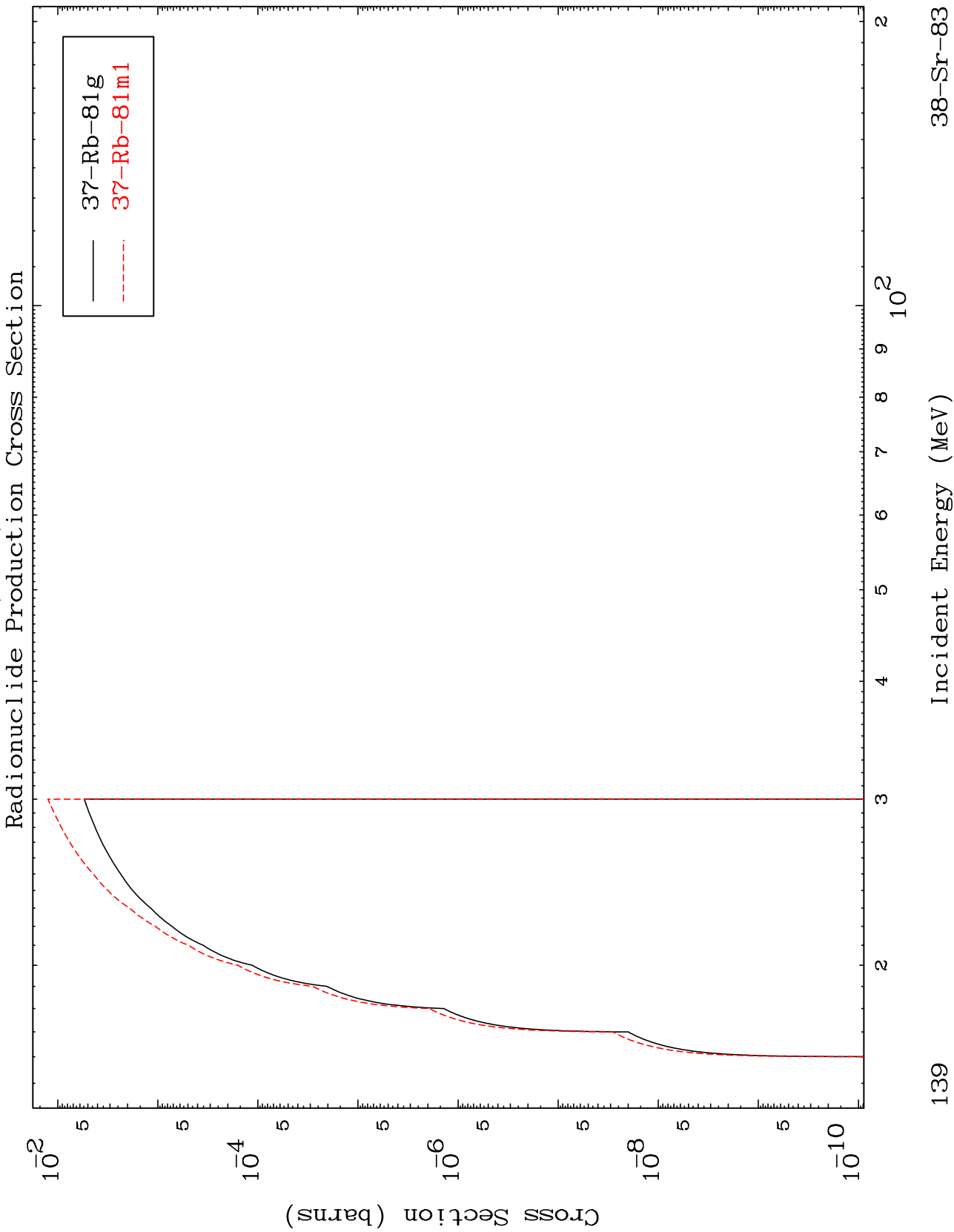
Radionuclide Production Cross Section



138

Incident Energy (MeV)

38-Sr-83

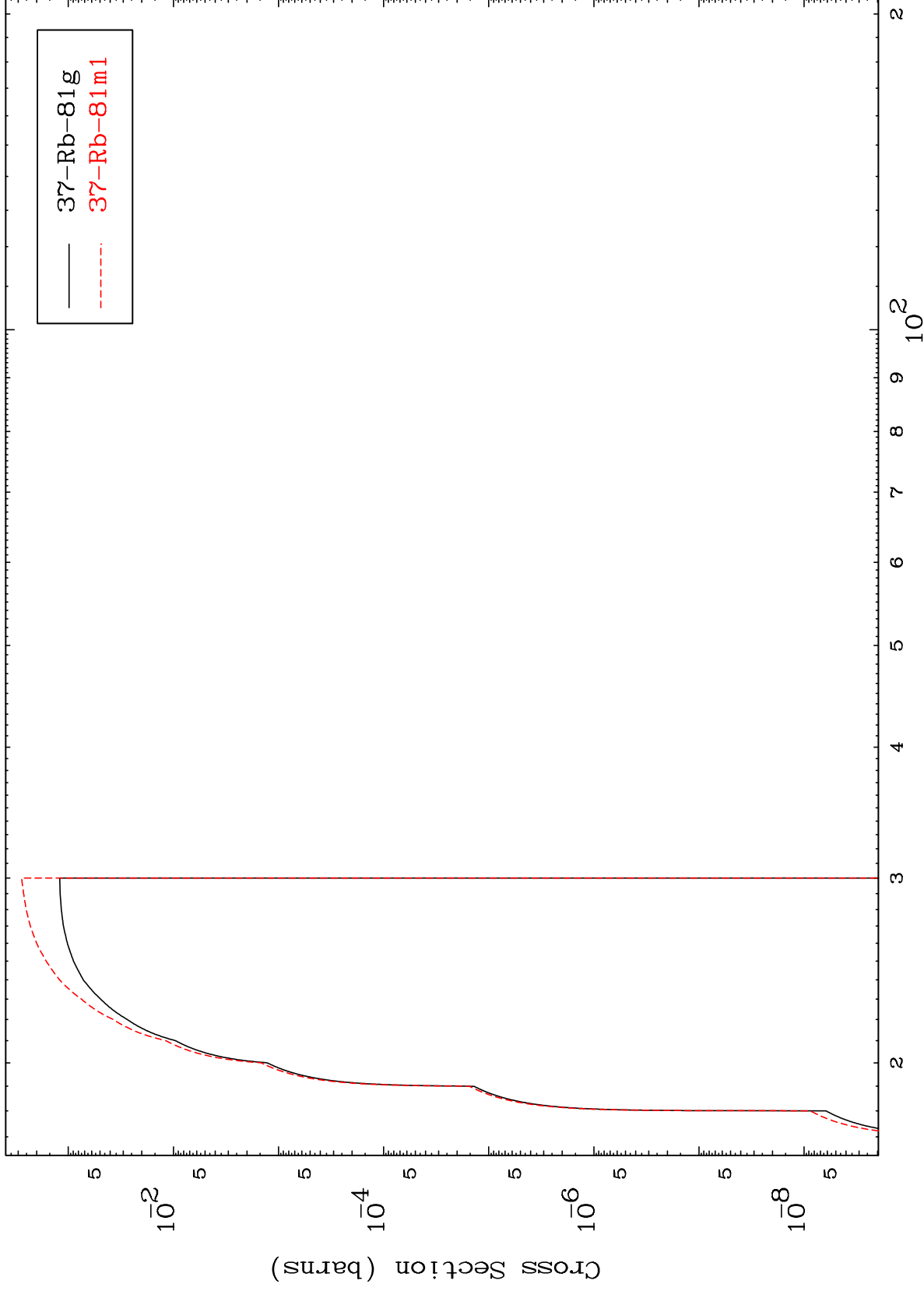


MAT 3822

(n,2n) p

38-Sr-83

Radionuclide Production Cross Section



140

Incident Energy (MeV)

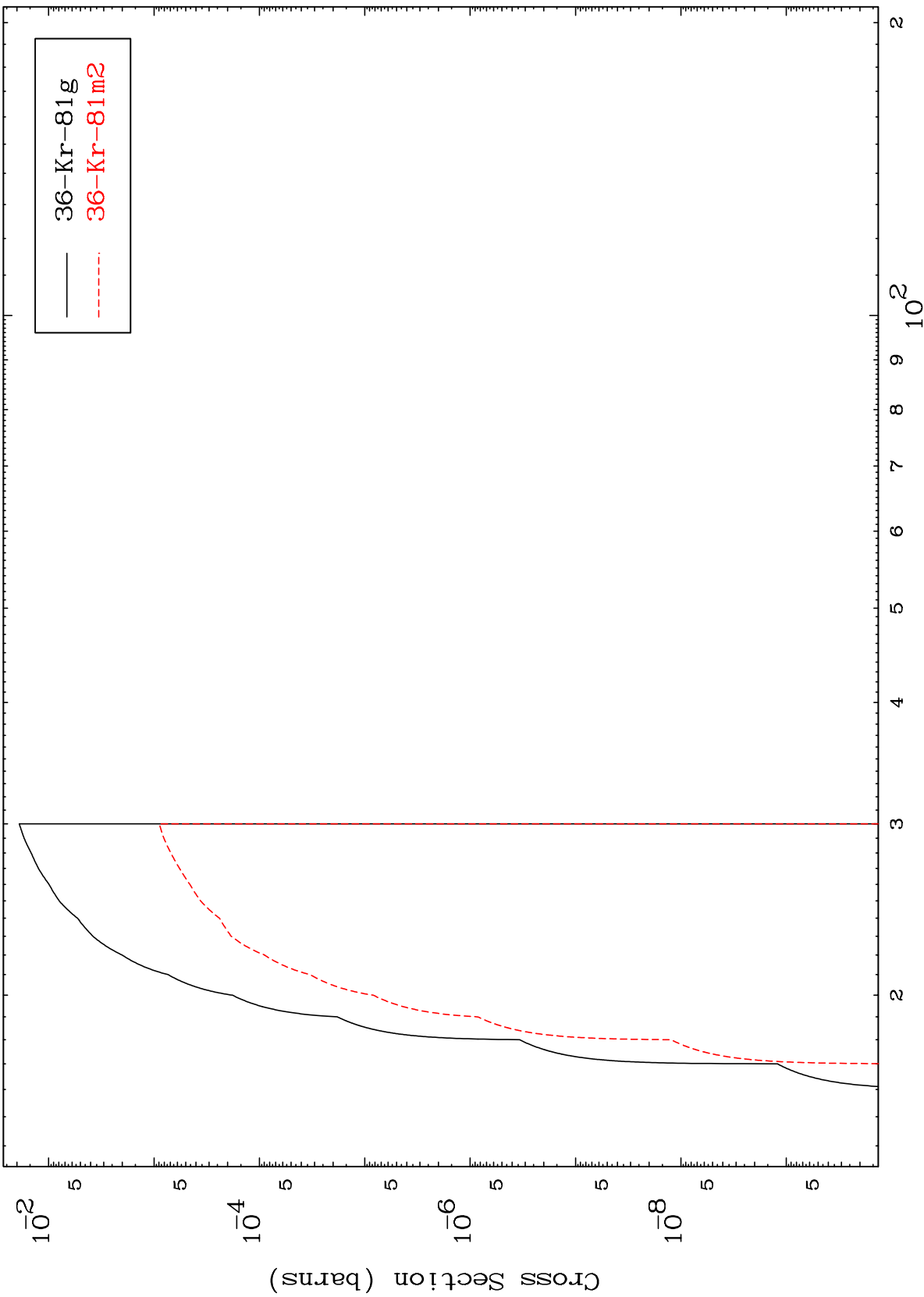
38-Sr-83

MAT 3822

(n,2n) p

38-Sr-83

Radionuclide Production Cross Section



36-Kr-81g
36-Kr-81m2

141

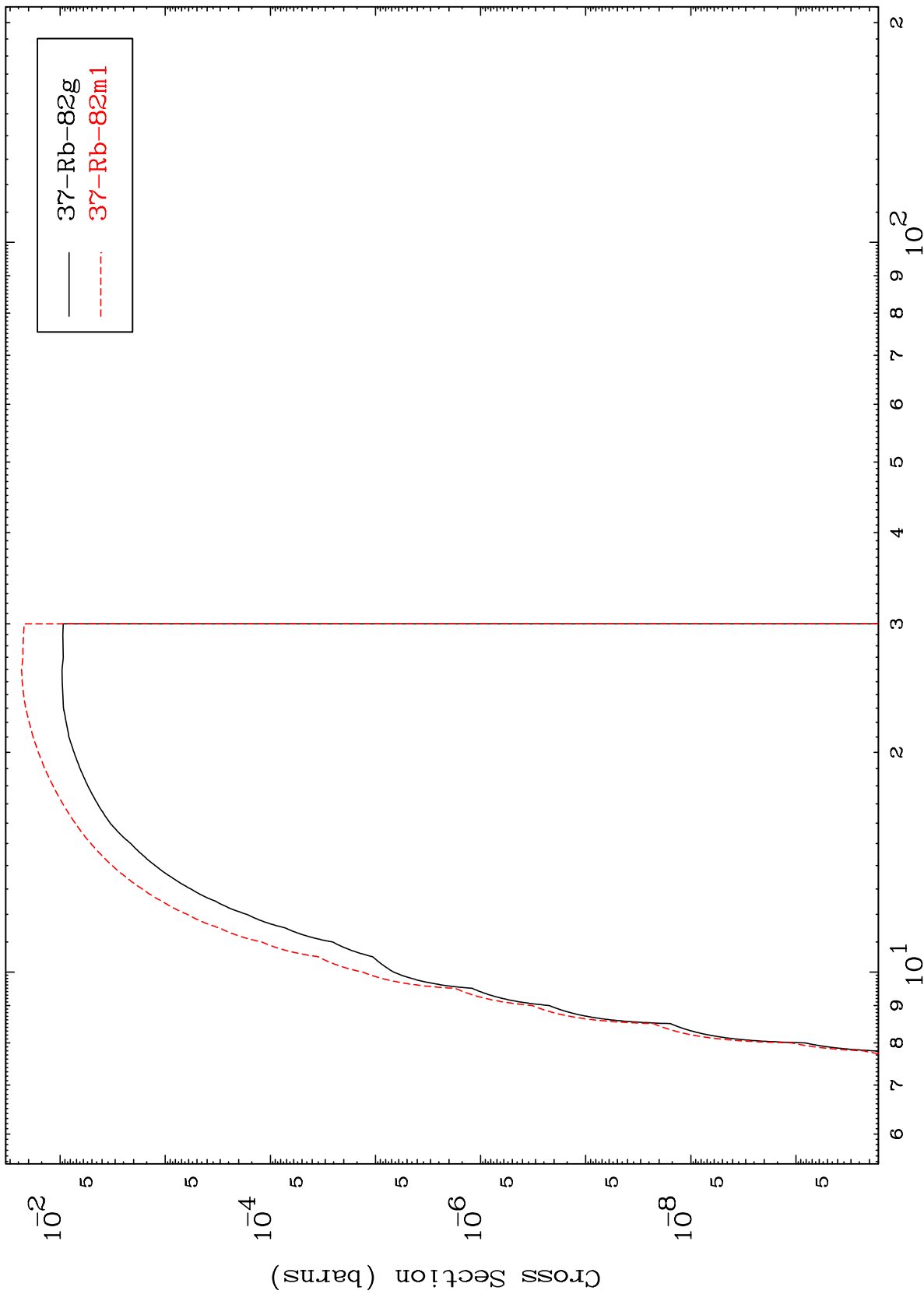
Incident Energy (MeV)

38-Sr-83

MAT 3822

38-Sr-83

(n,d)
Radionuclide Production Cross Section

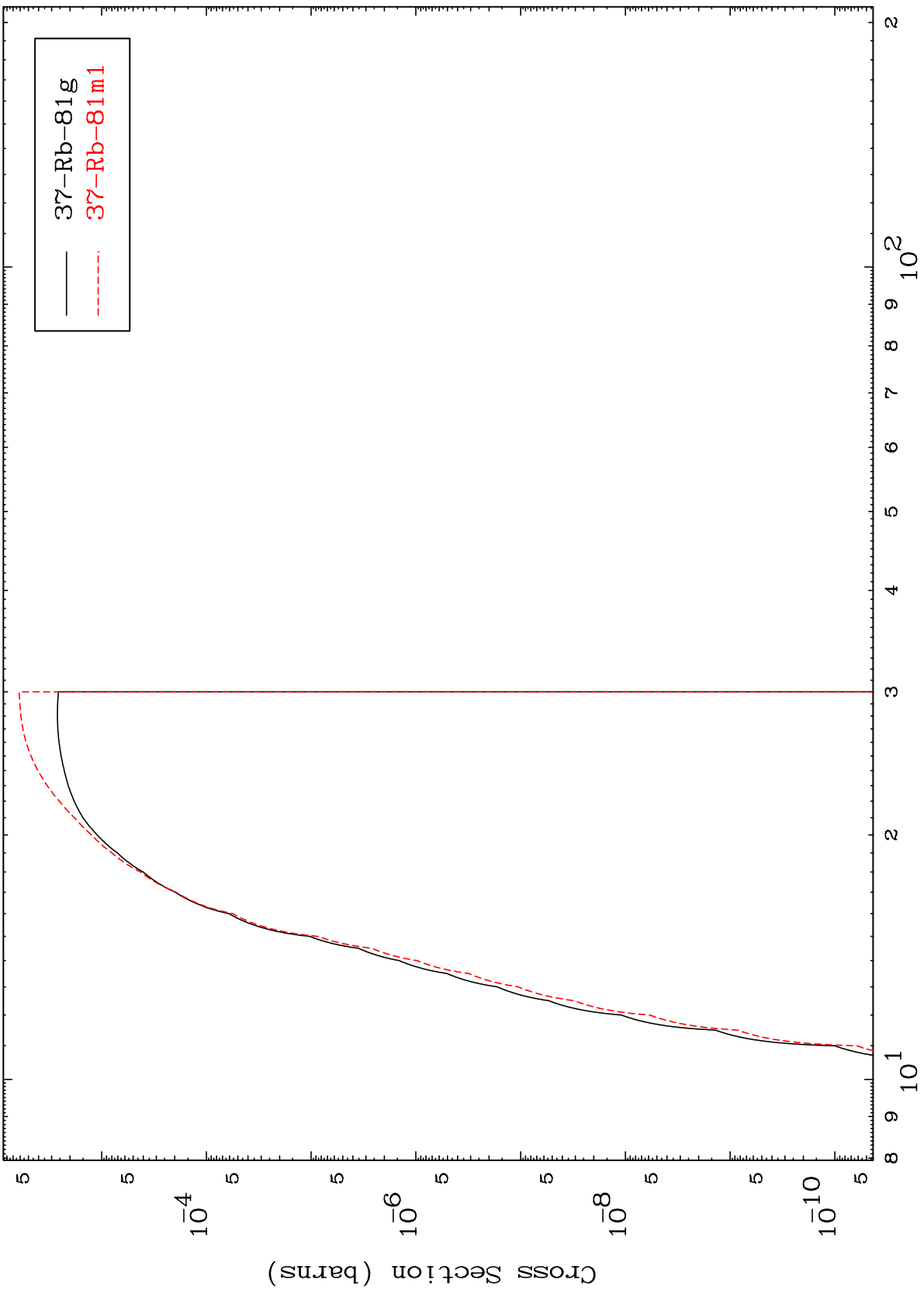


38-Sr-83

Incident Energy (MeV)

142

(n,t)
Radionuclide Production Cross Section

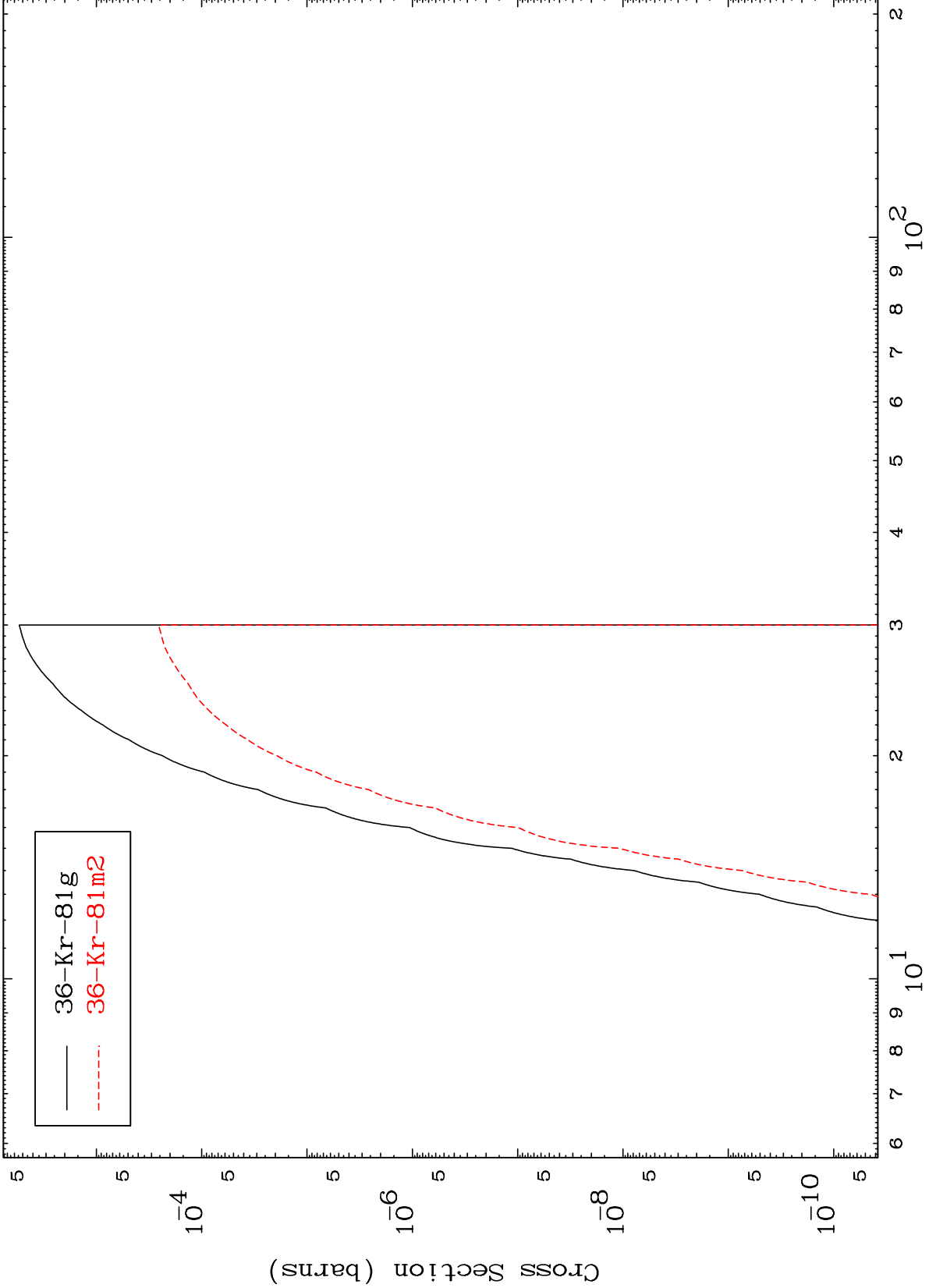


MAT 3822

(n,He-3)

38-Sr-83

Radionuclide Production Cross Section

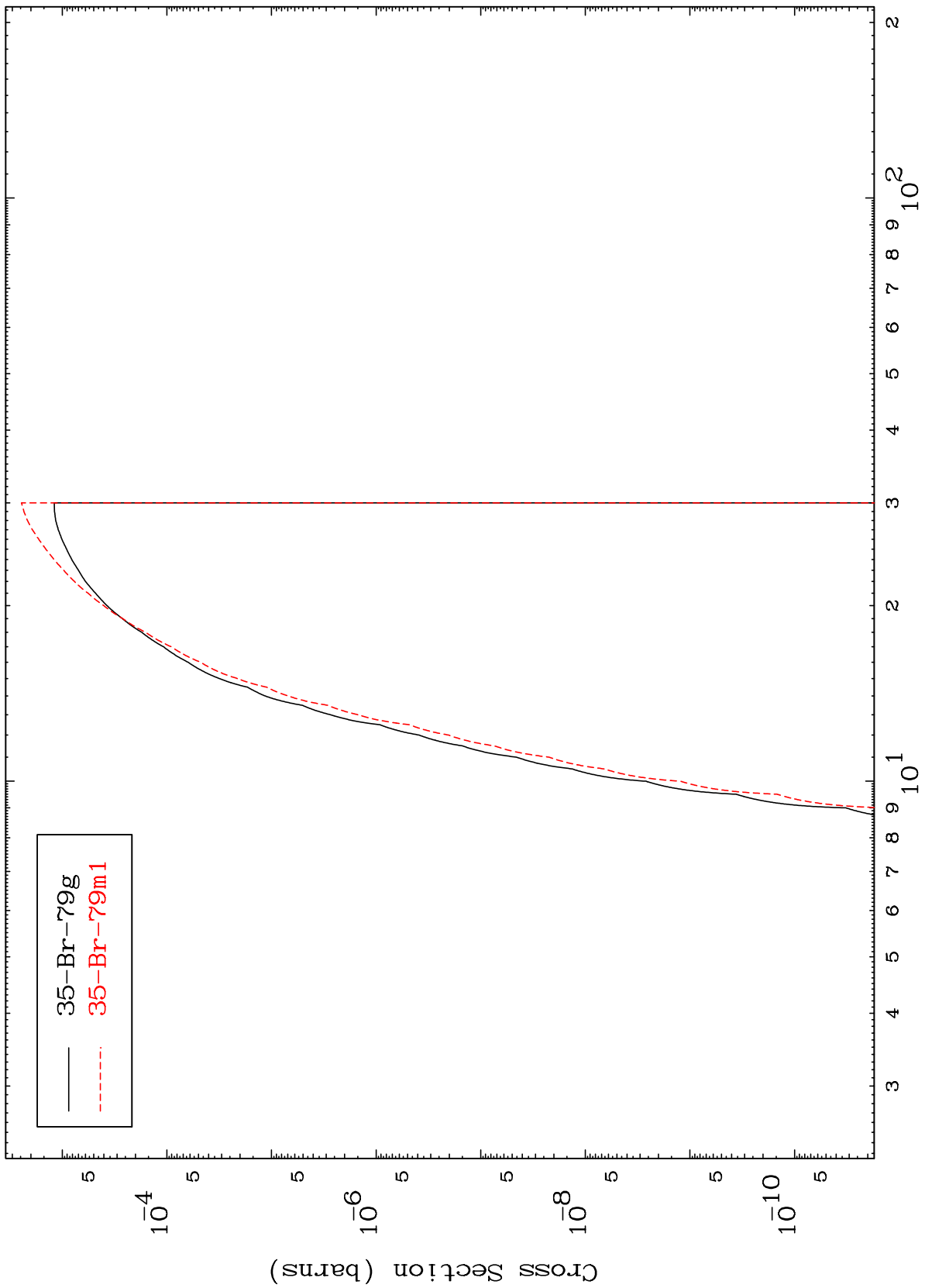


144

Incident Energy (MeV)

38-Sr-83

Radionuclide Production Cross Section



Radionuclide Production Cross Section

