

Program EVALPLOT
(Version 2021-1)

by

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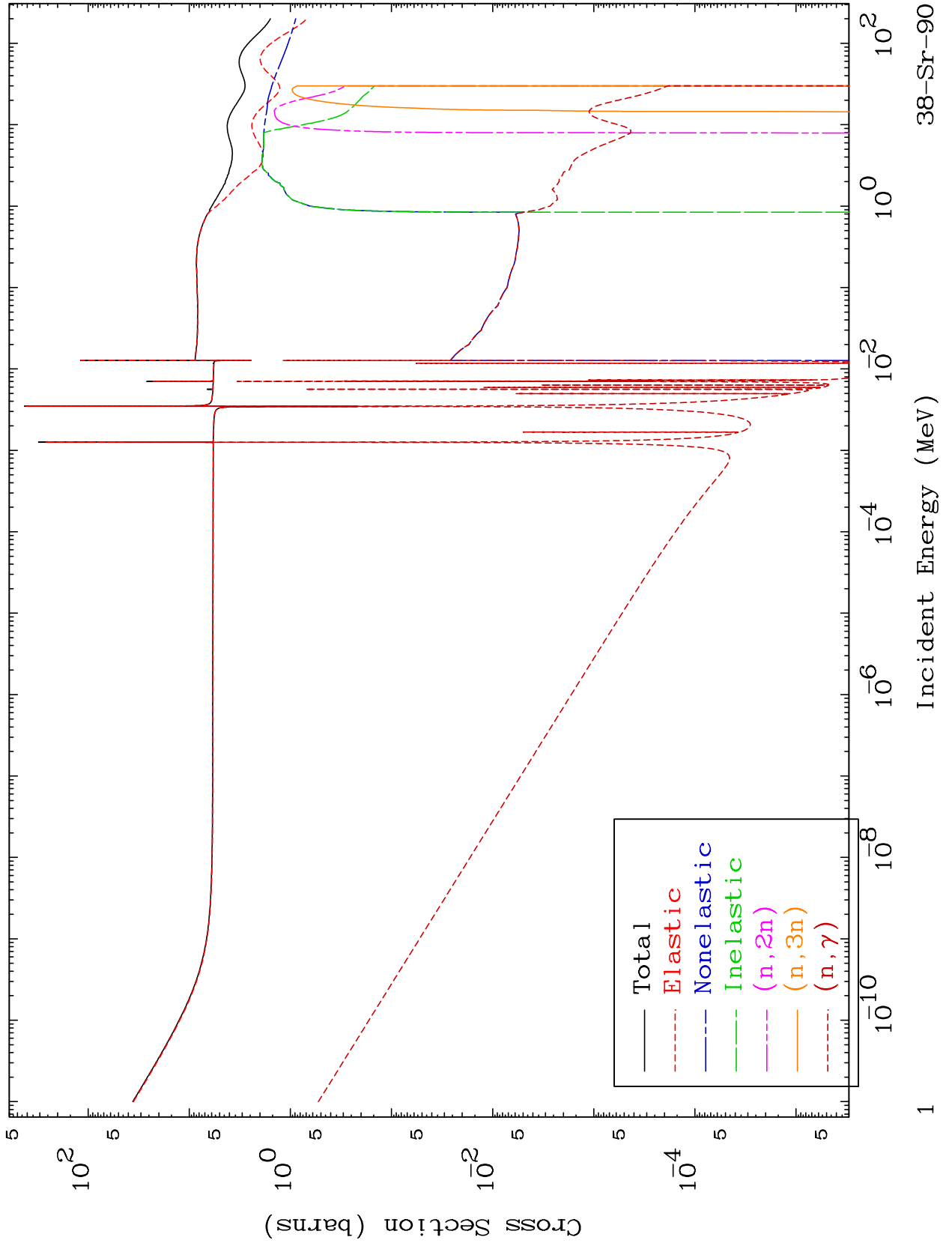
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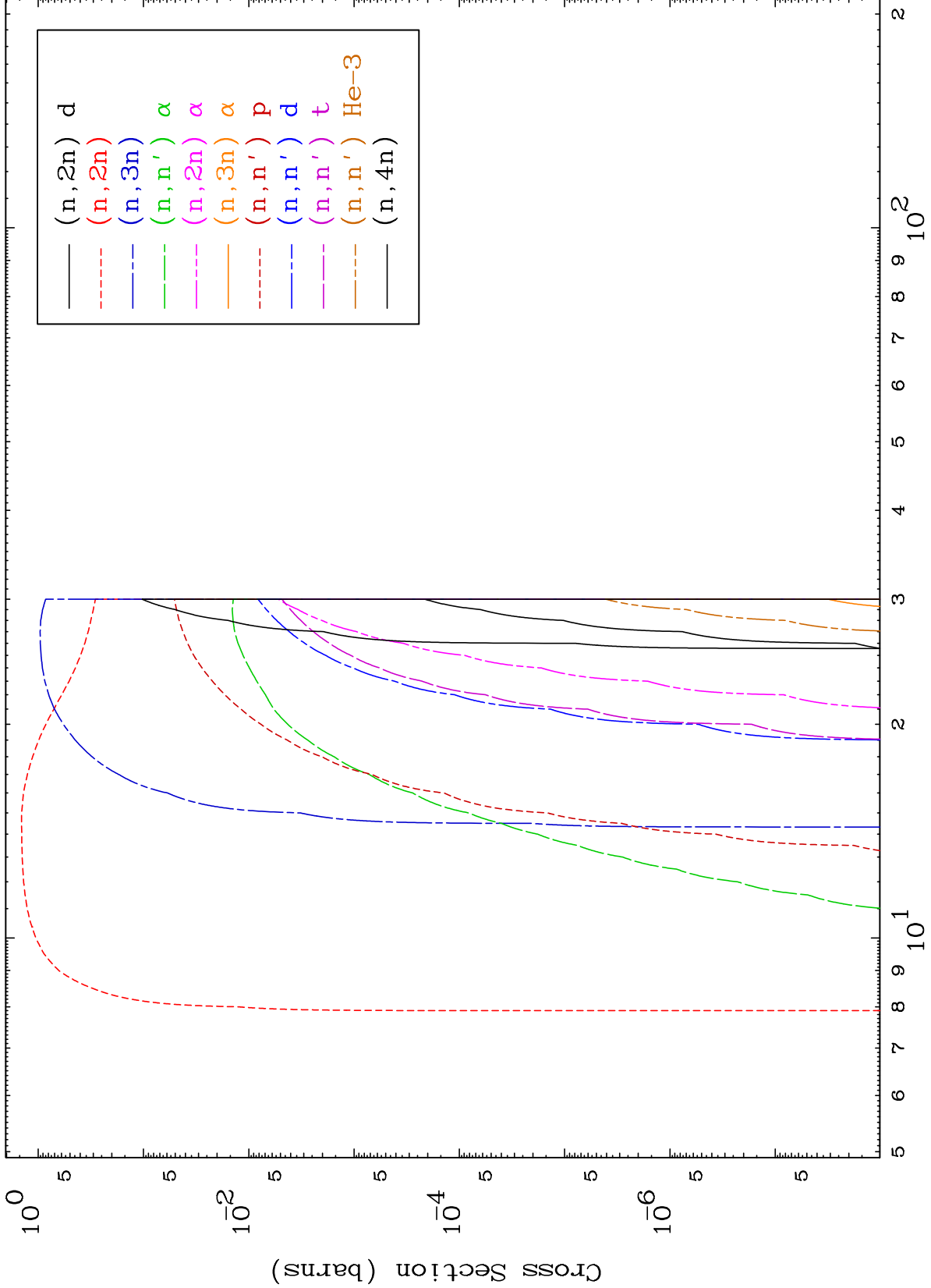
Press Mouse Button to Start

MAT 3843

Neutron Major
293 Kelvin Cross Sections

38-Sr-90

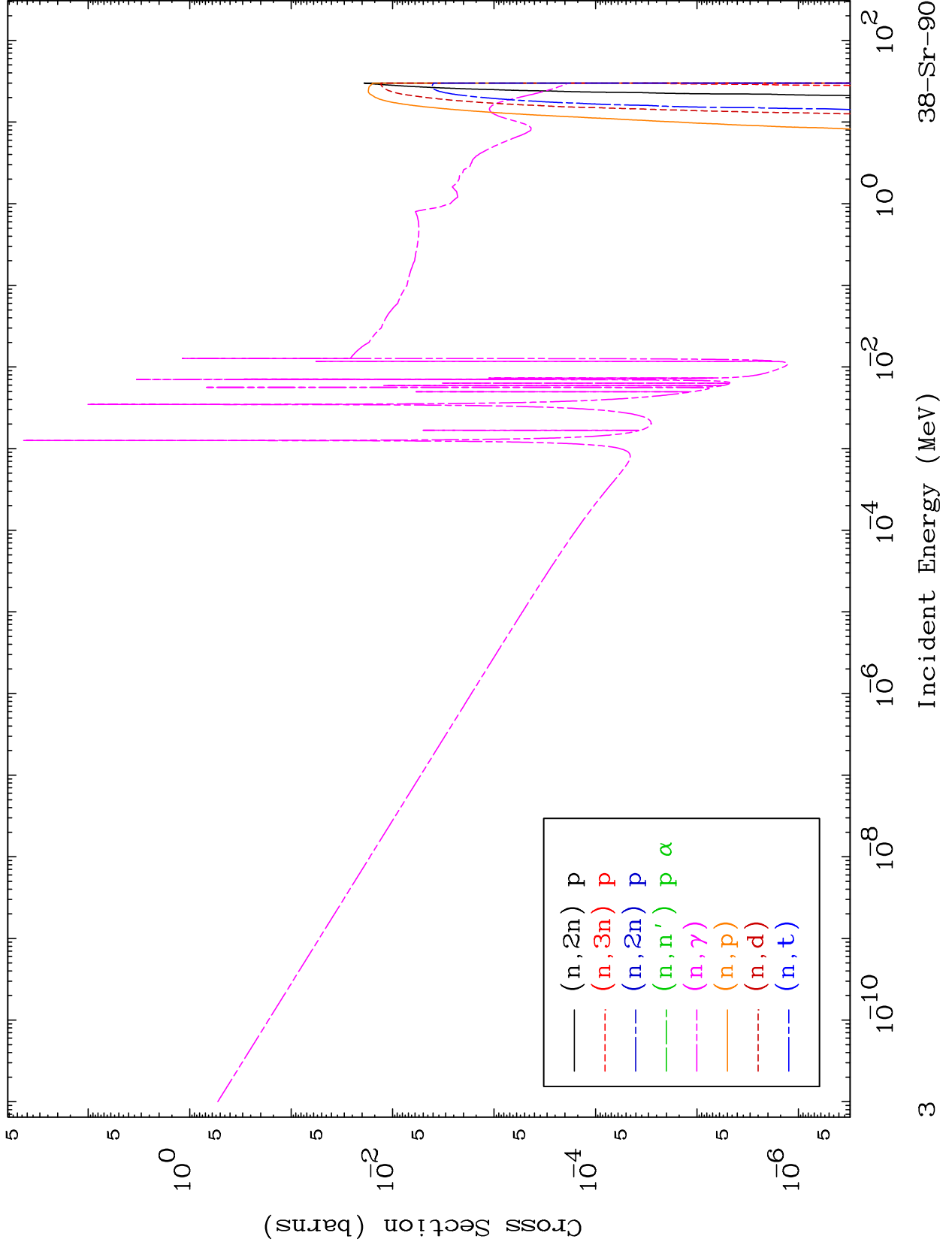


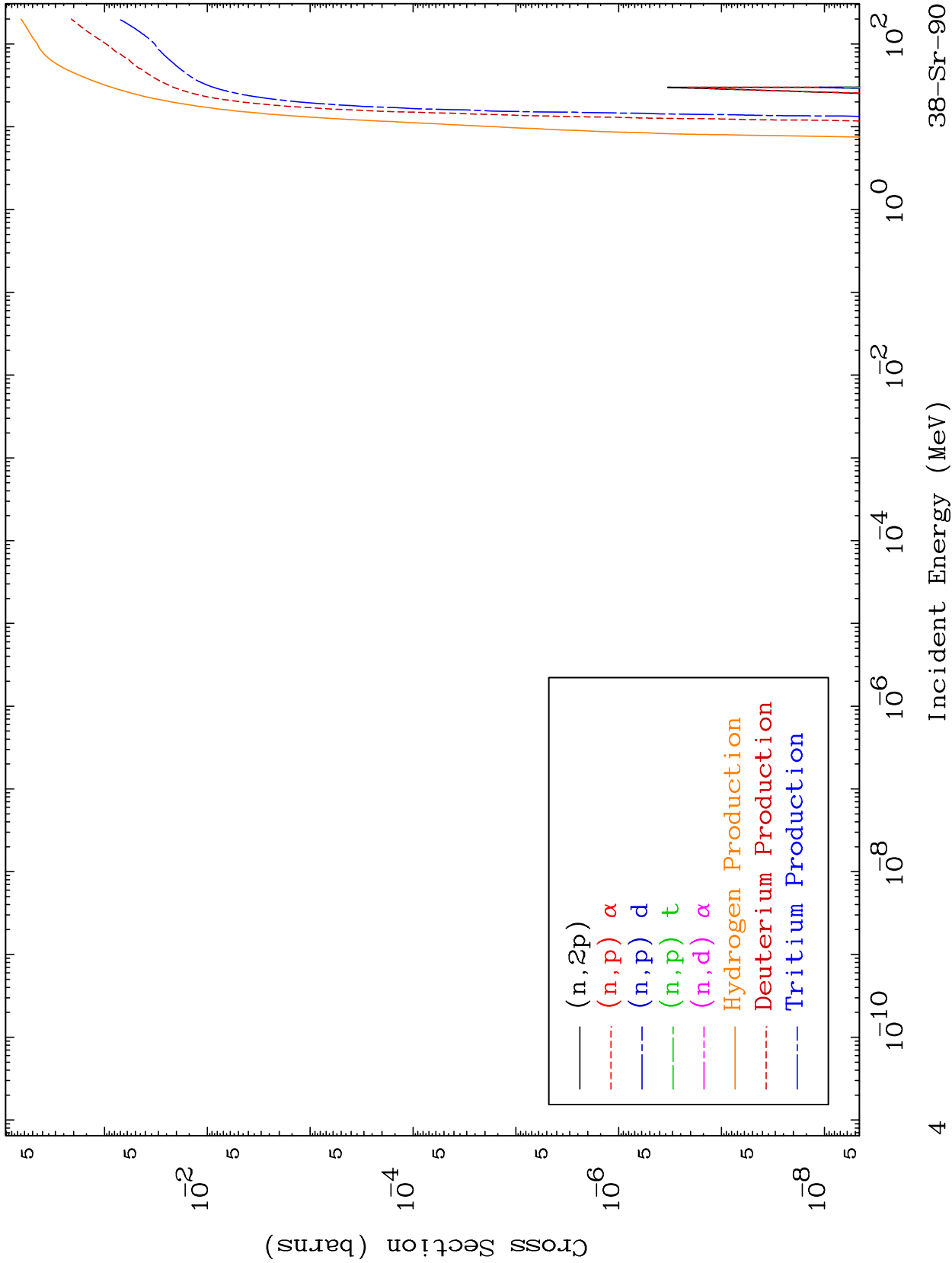


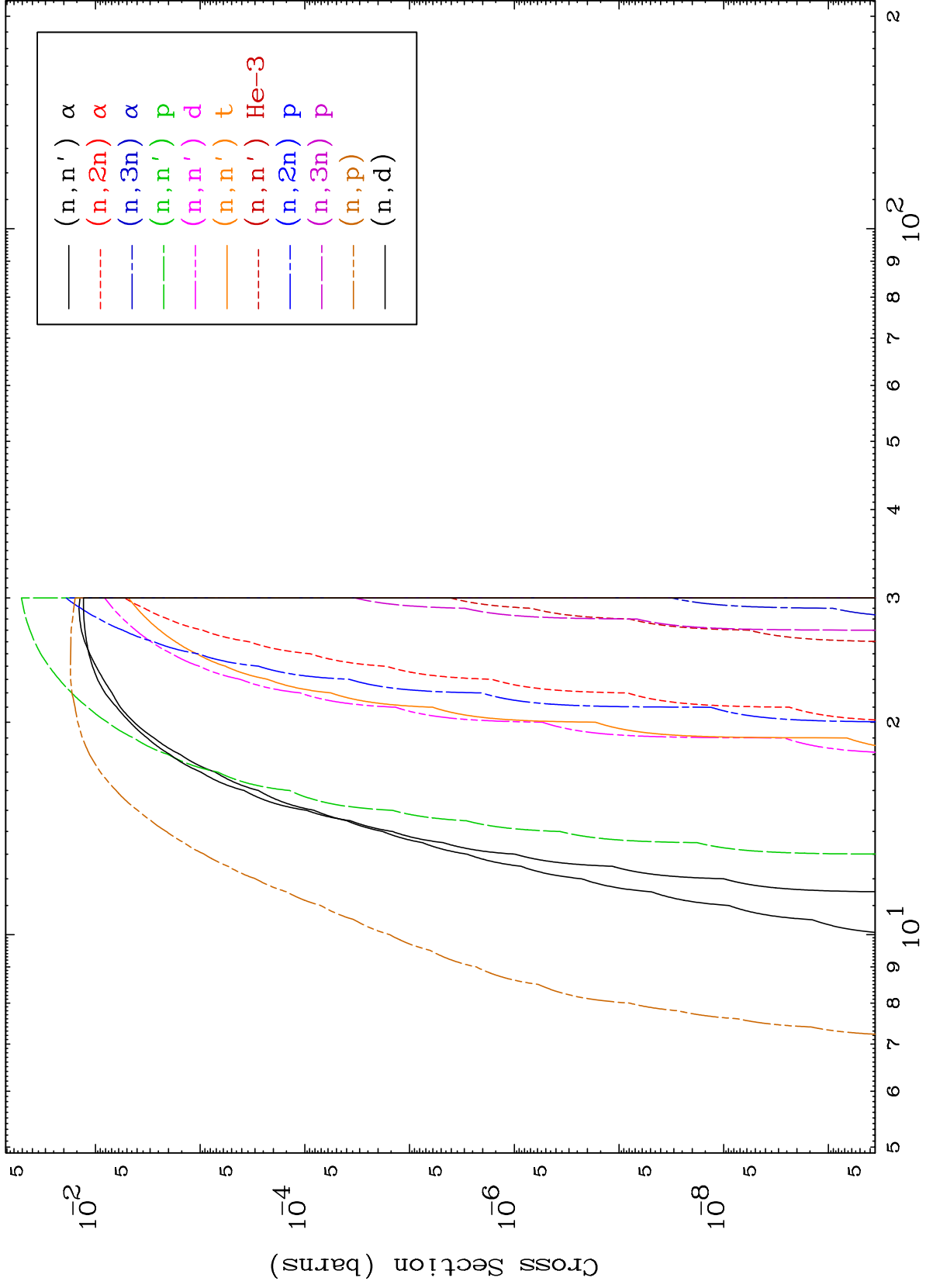
MAT 3843

Neutron Absorption
293 Kelvin Cross Sections

38-Sr-90



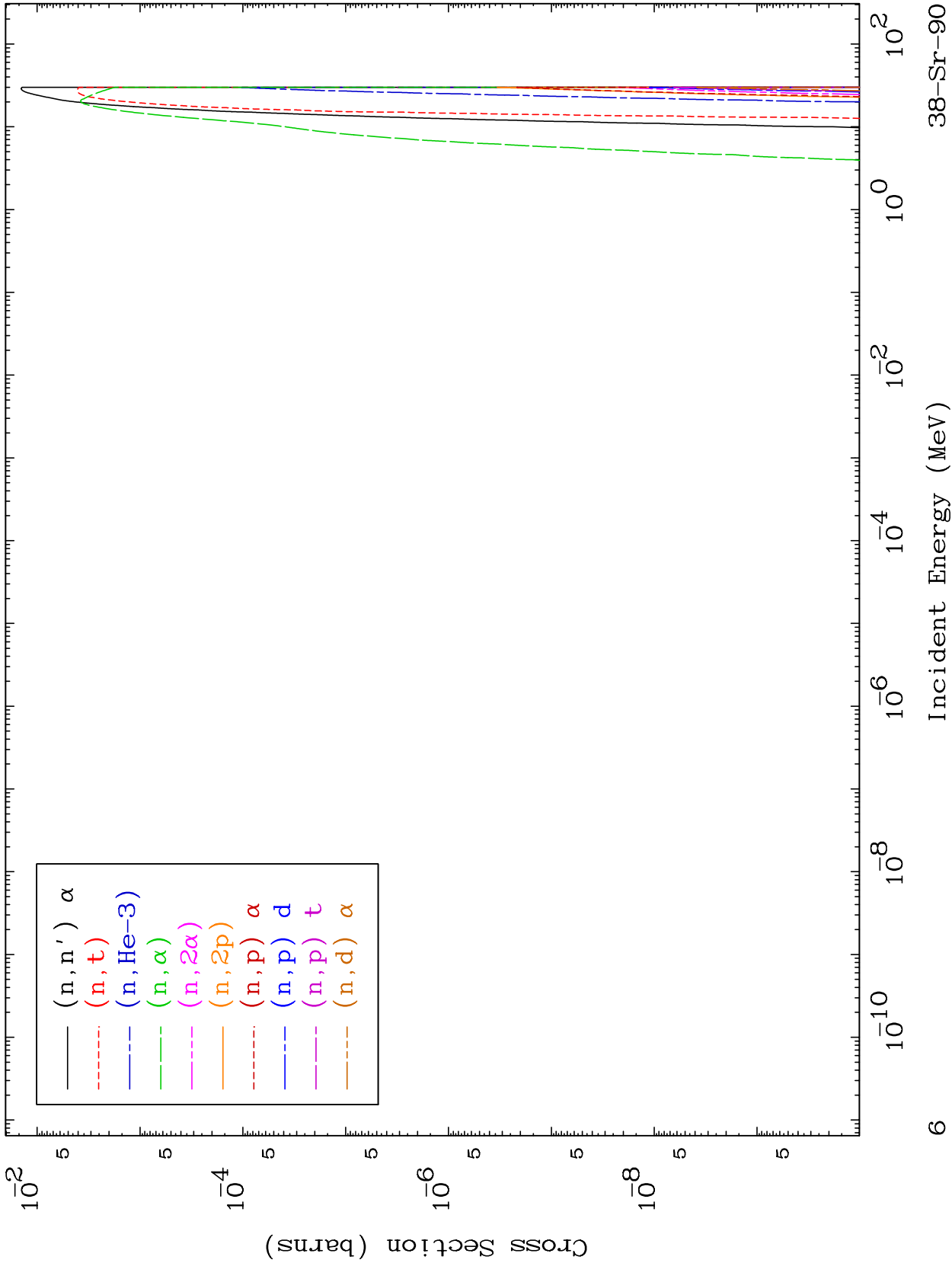




MAT 3843

Charged Particle
293 Kelvin Cross Sections

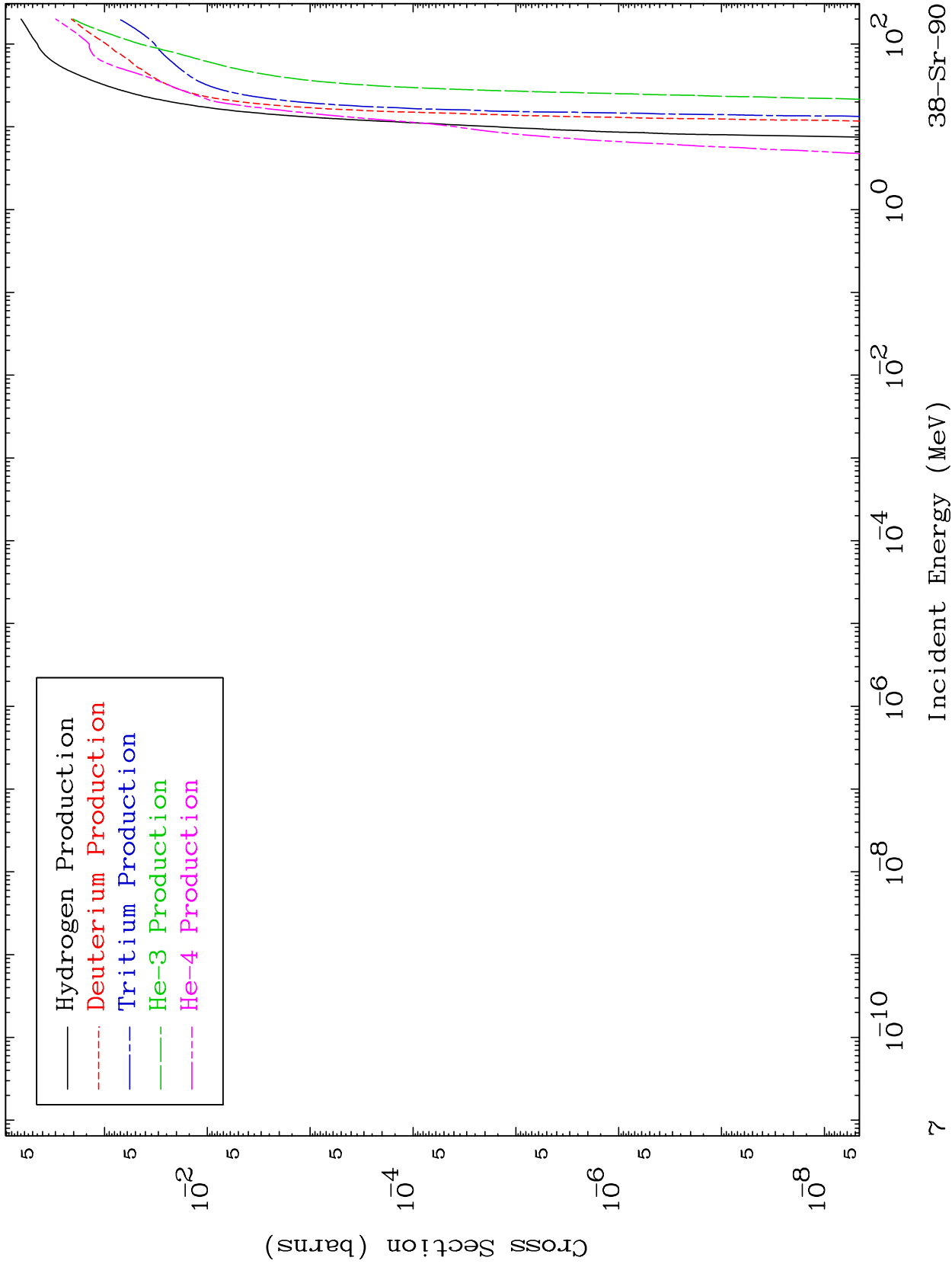
38-Sr-90



MAT 3843

Particle Production
293 Kelvin Cross Sections

38-Sr-90

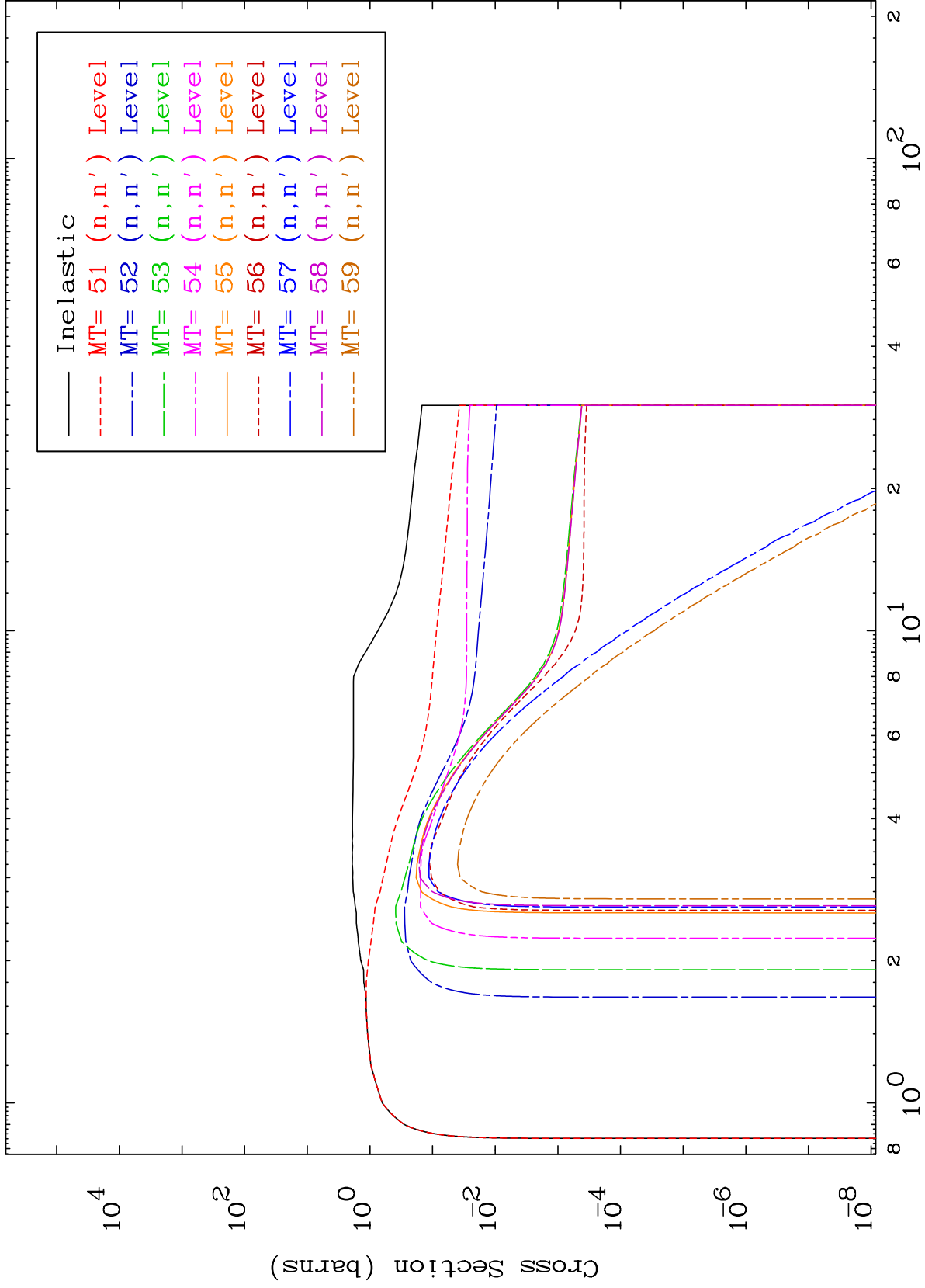


MAT 3843

(n,n') Levels

38-Sr-90

293 Kelvins Cross Sections



Incident Energy (MeV)

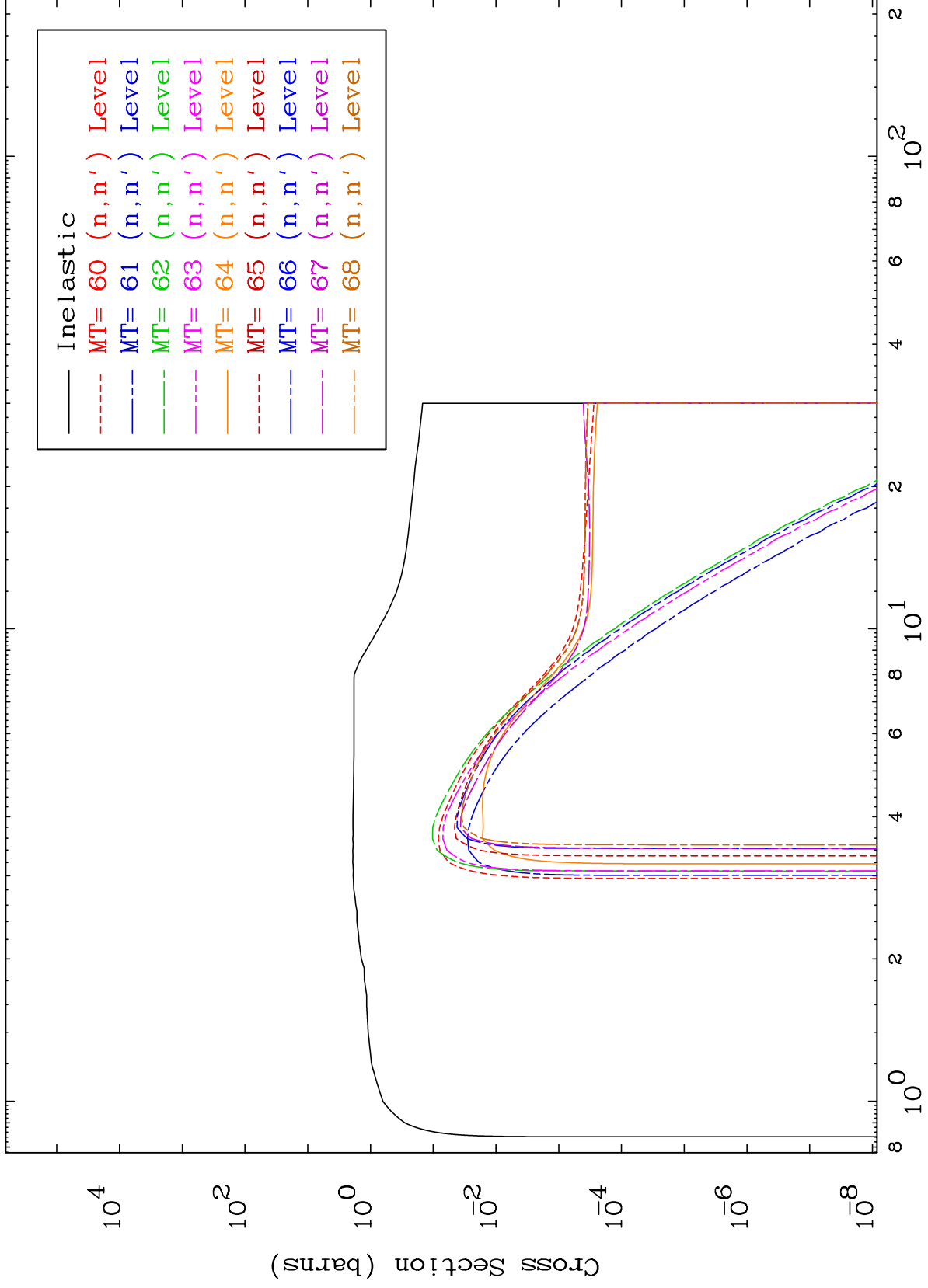
38-Sr-90

MAT 3843

(n,n') Levels

38-Sr-90

293 Kelvin Cross Sections



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Incident Energy (MeV)

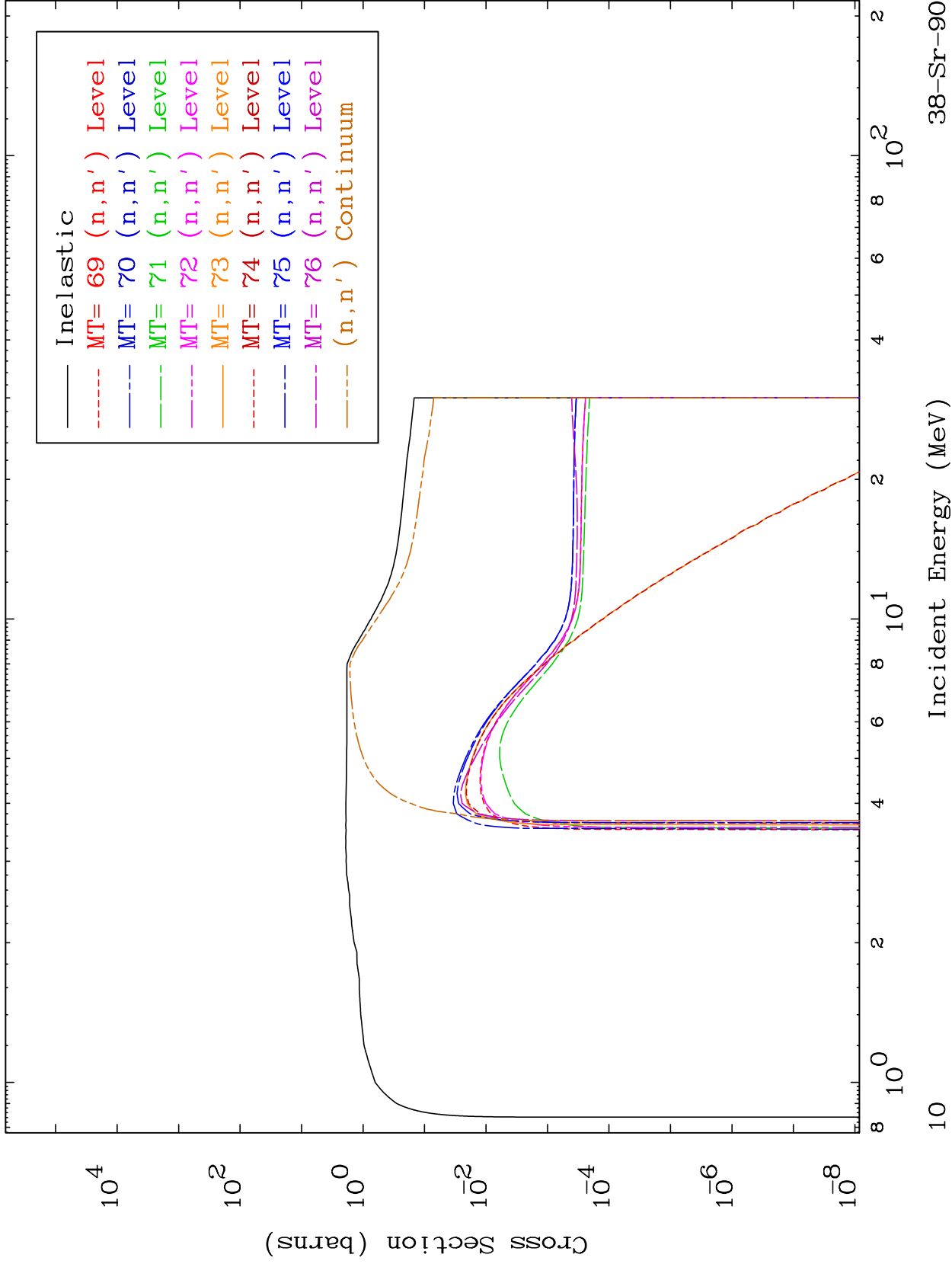
38-Sr-90

MAT 3843

(n,n') Levels

38-Sr-90

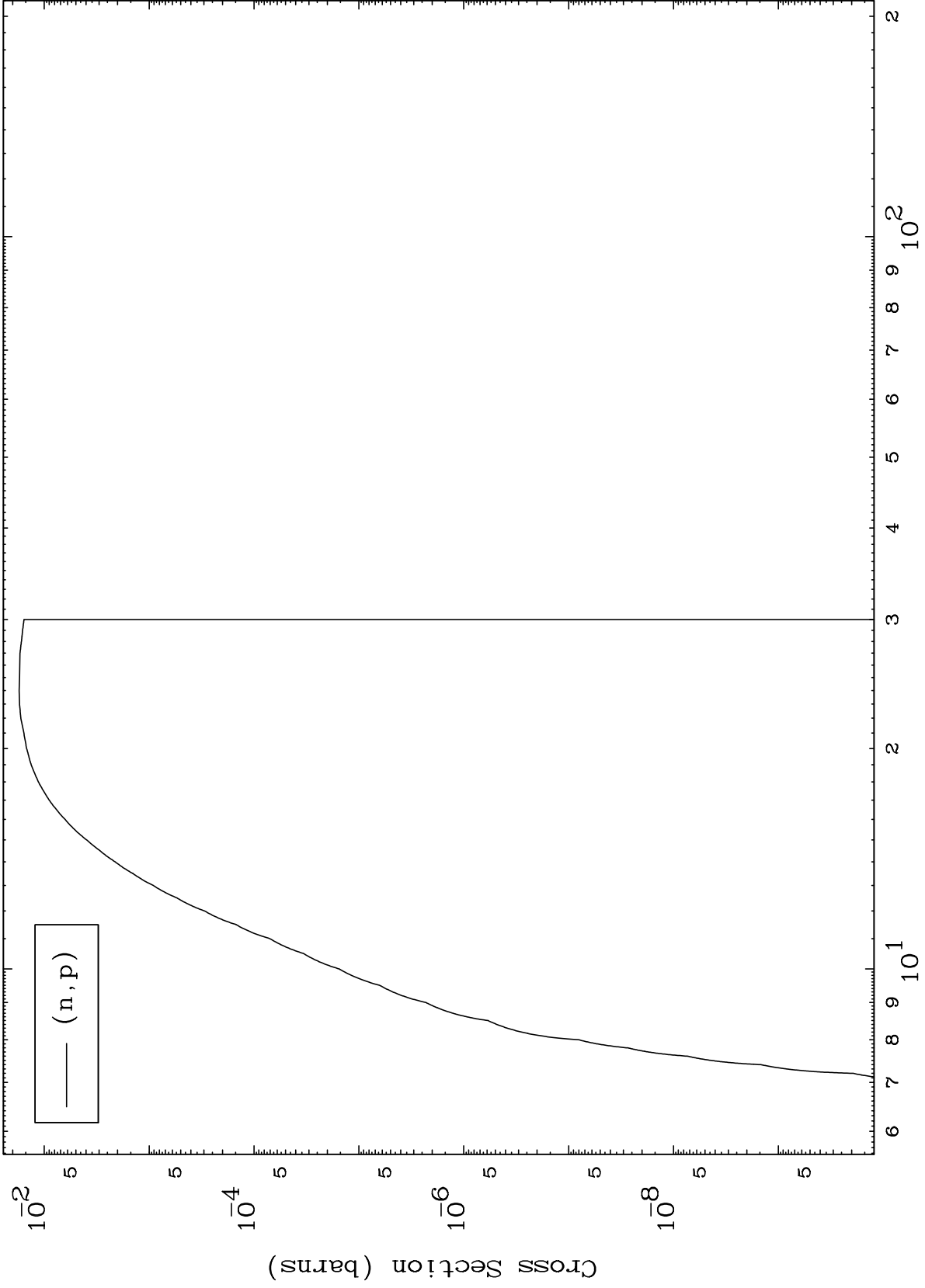
293 Kelvin Cross Sections



MAT 3843

(n,p) Levels
293 Kelvin Cross Sections

38-Sr-90



11

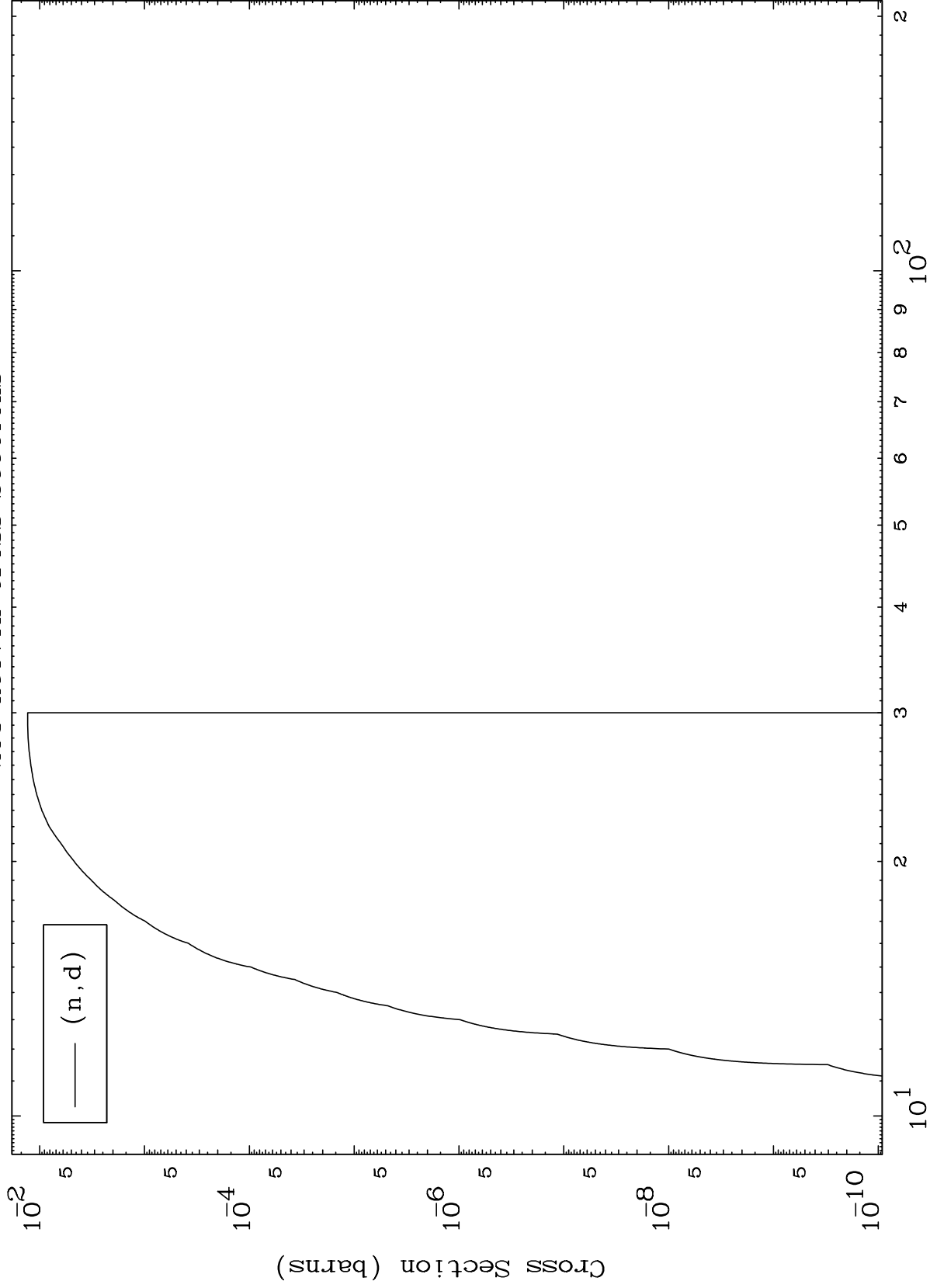
Incident Energy (MeV)

38-Sr-90

MAT 3843

(n,d) Levels
293 Kelvin Cross Sections

38-Sr-90



(n,d)

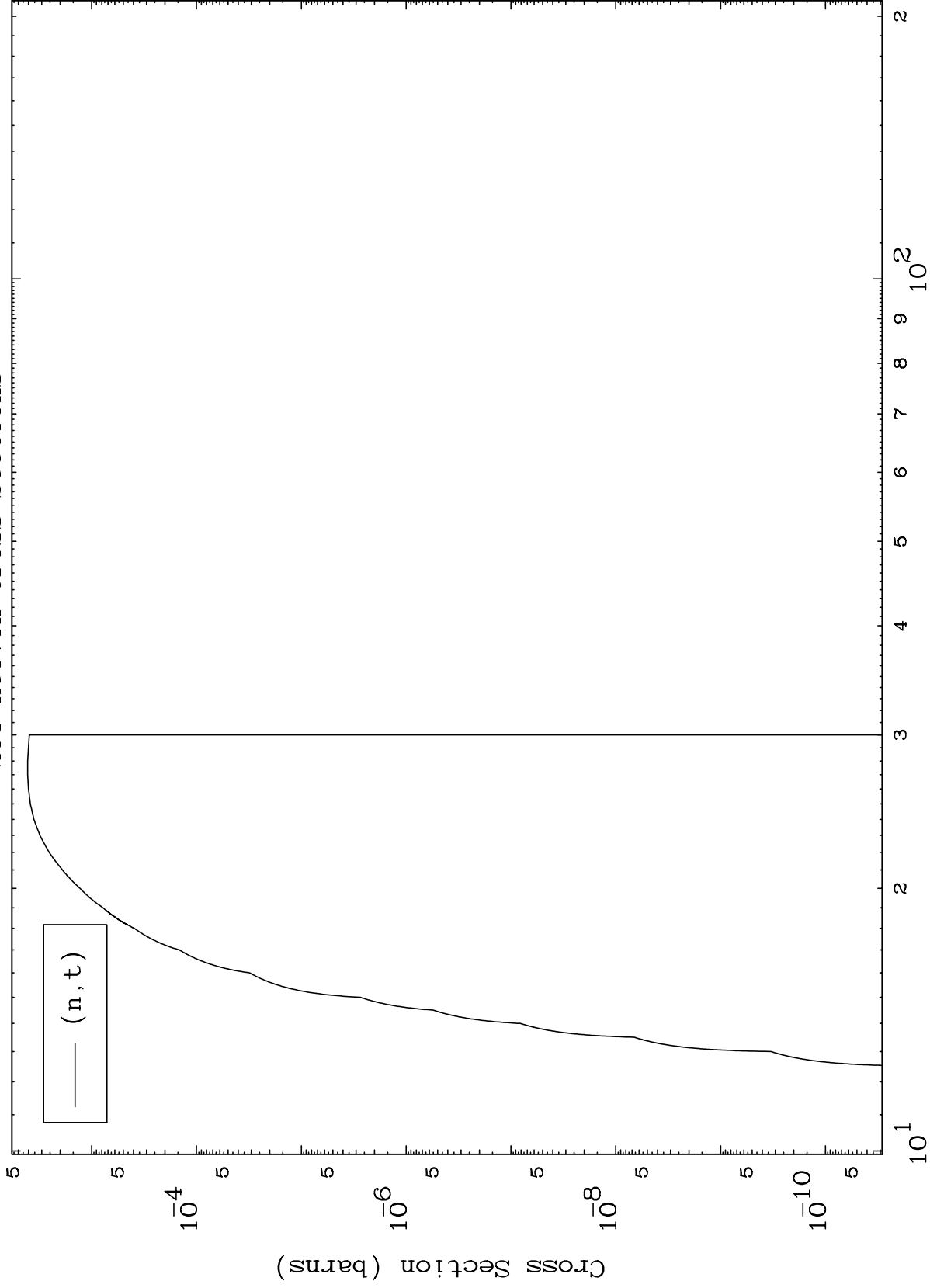
Incident Energy (MeV)

38-Sr-90

MAT 3843

(n,t) Levels
293 Kelvin Cross Sections

38-Sr-90



Incident Energy (MeV)

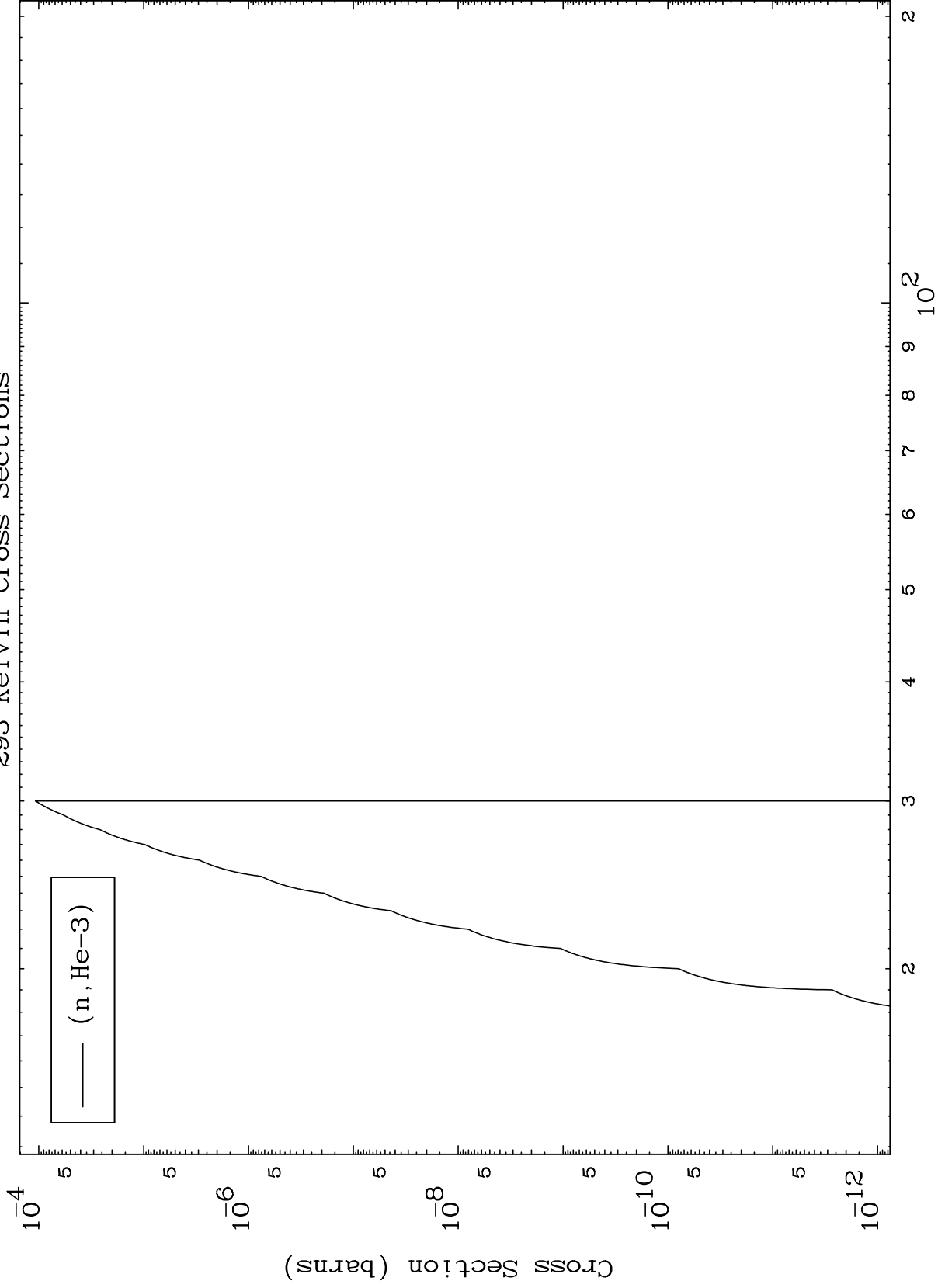
38-Sr-90

13

MAT 3843

(n,He3) Levels
293 Kelvin Cross Sections

38-Sr-90



14

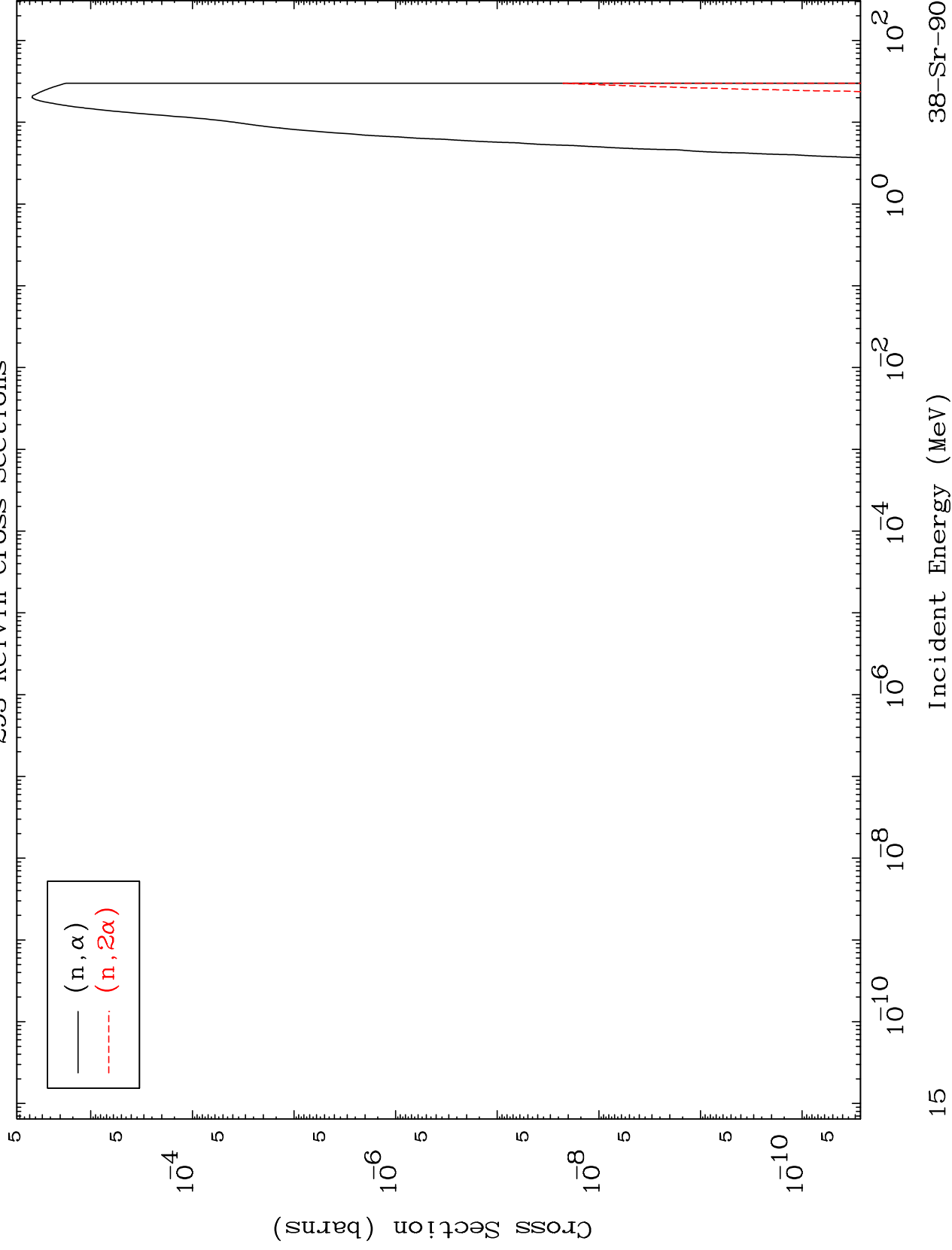
Incident Energy (MeV)

38-Sr-90

MAT 3843

(n, α) Levels
293 Kelvin Cross Sections

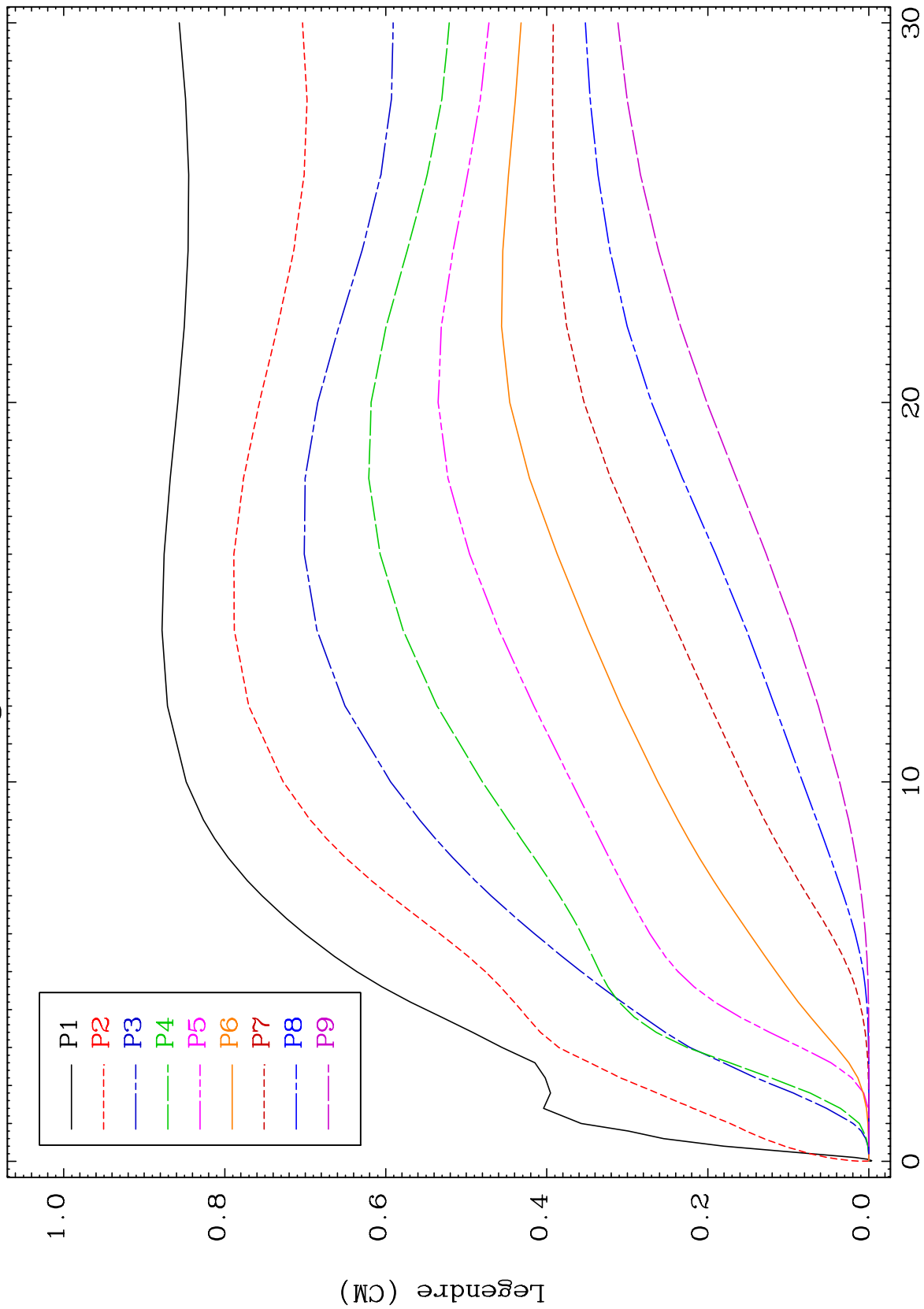
38-Sr-90



MAT 3843

Elastic Legendre Coefficients

38-Sr-90



16

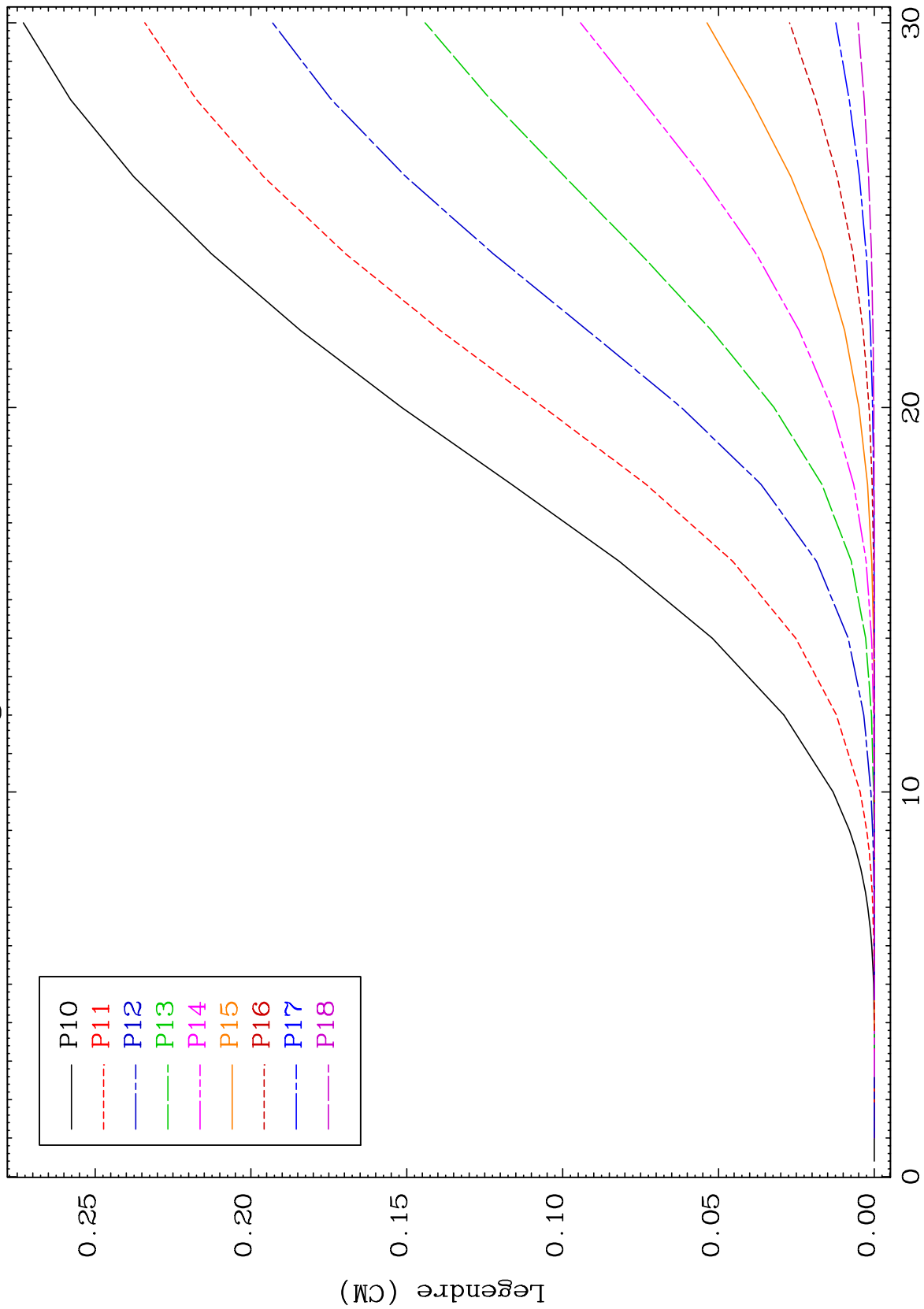
Incident Energy (MeV)

38-Sr-90

MAT 3843

Elastic Legendre Coefficients

38-Sr-90



17

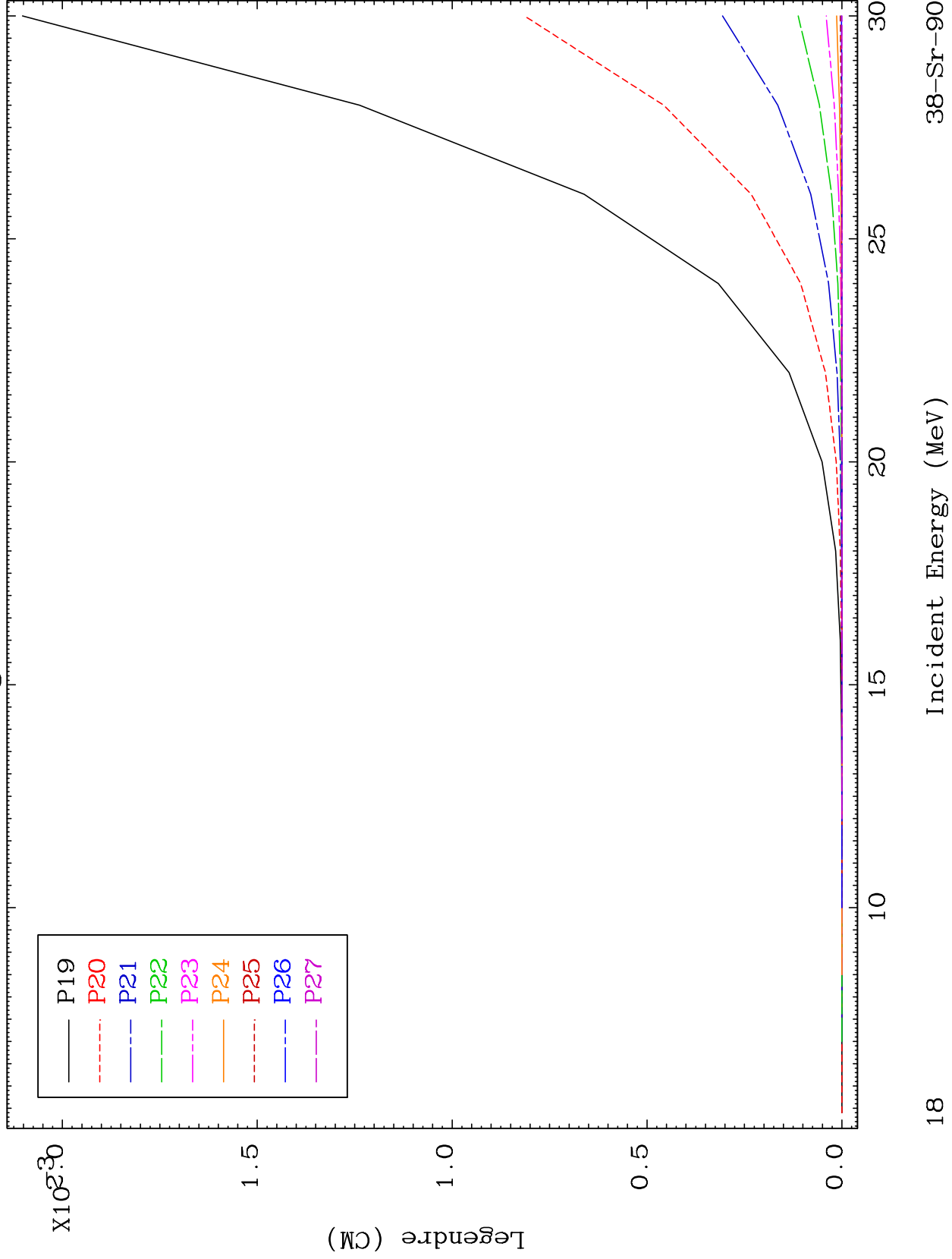
Incident Energy (MeV)

38-Sr-90

MAT 3843

Elastic Legendre Coefficients

38-Sr-90



18

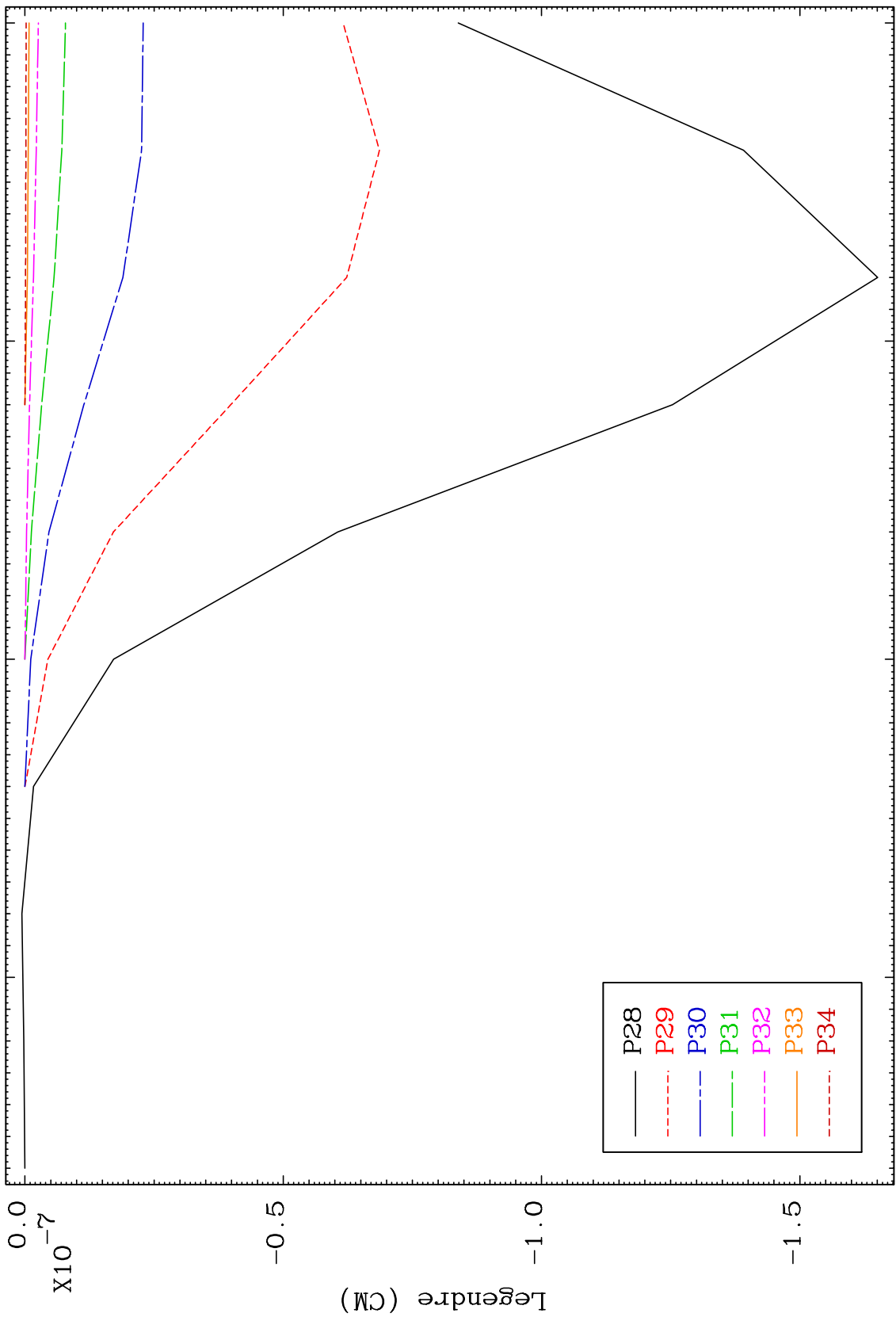
Incident Energy (MeV)

38-Sr-90

MAT 3843

38-Sr-90

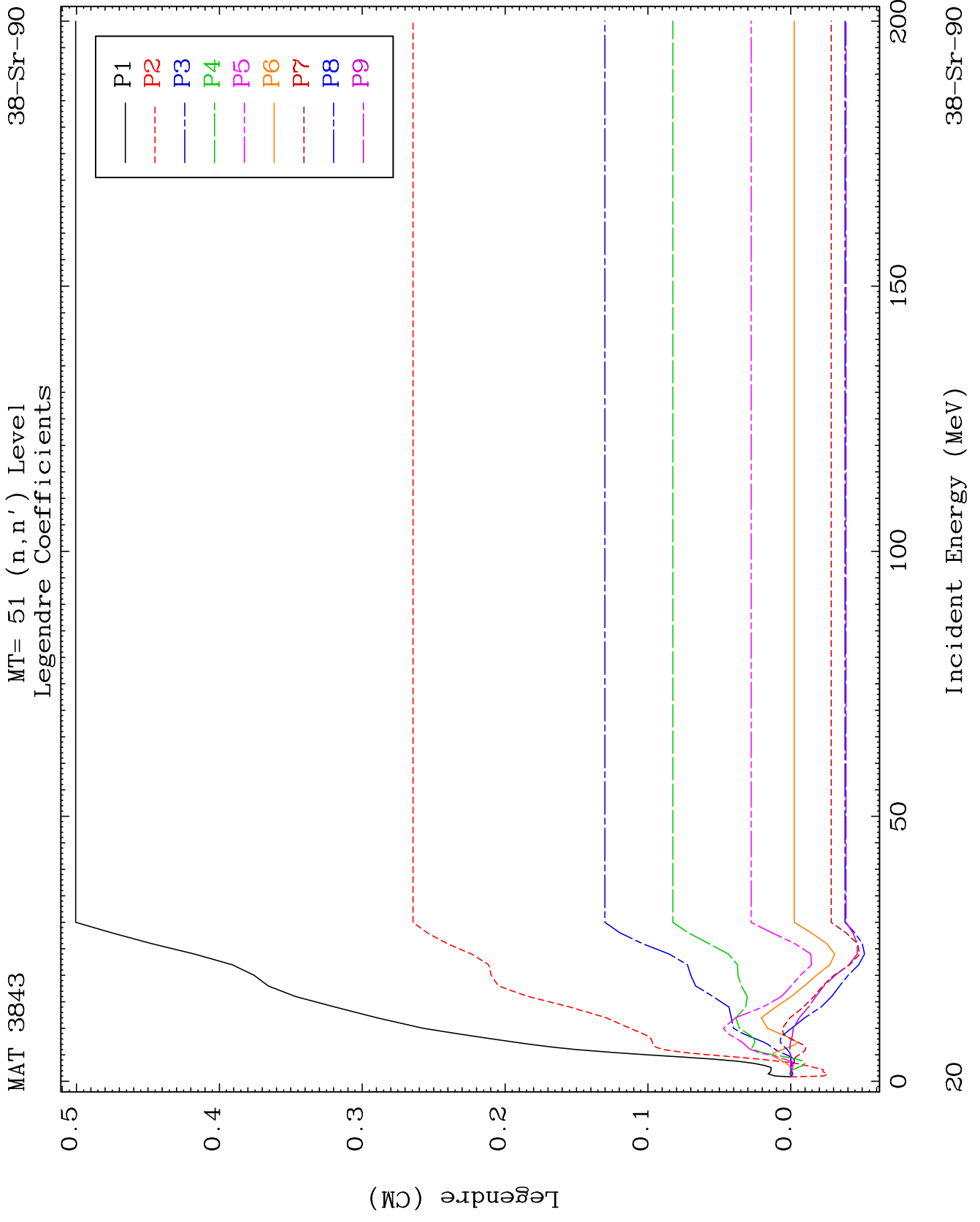
Elastic Legendre Coefficients



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Incident Energy (MeV)

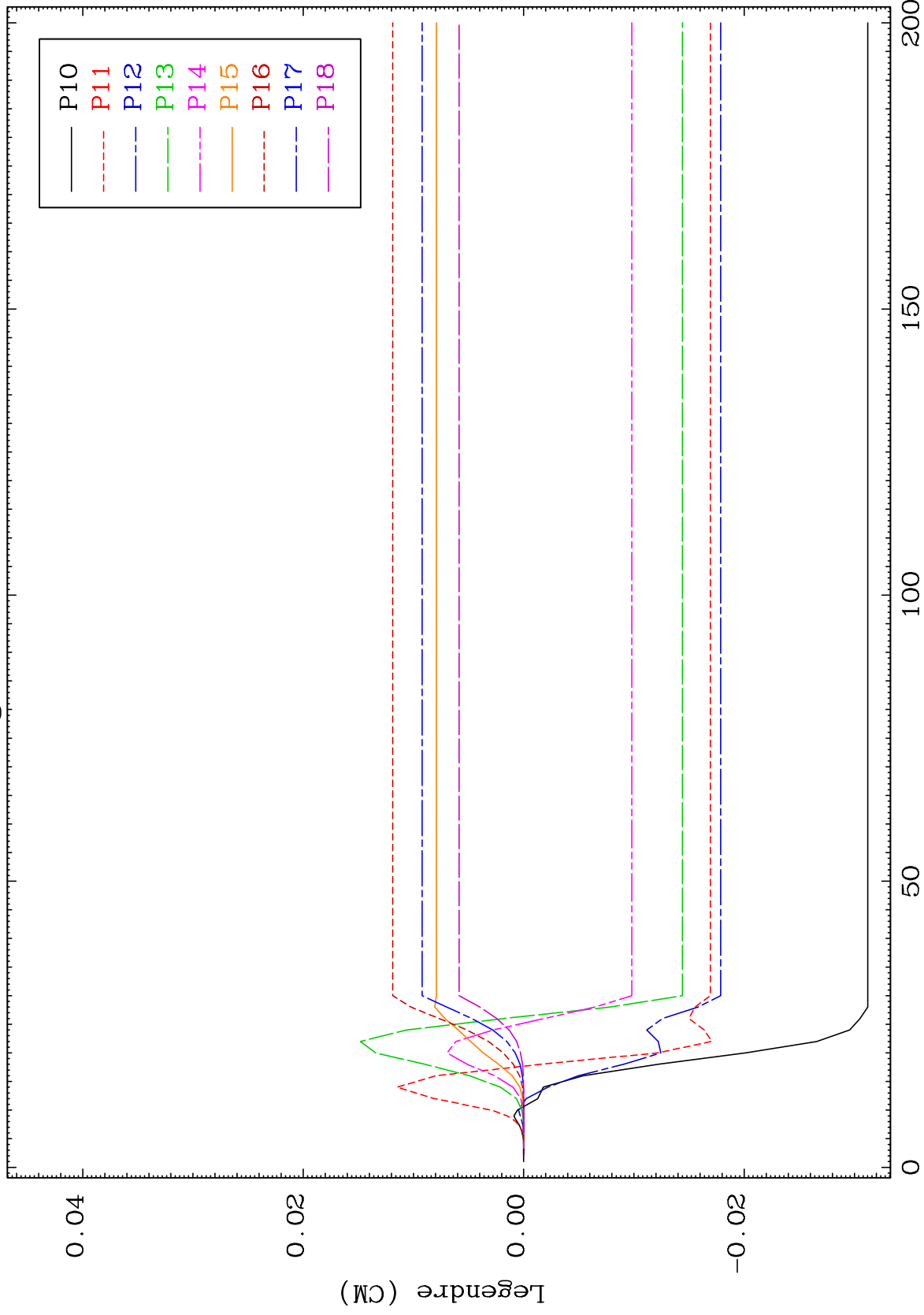
38-Sr-90



MAT 3843

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

38-Sr-90



21

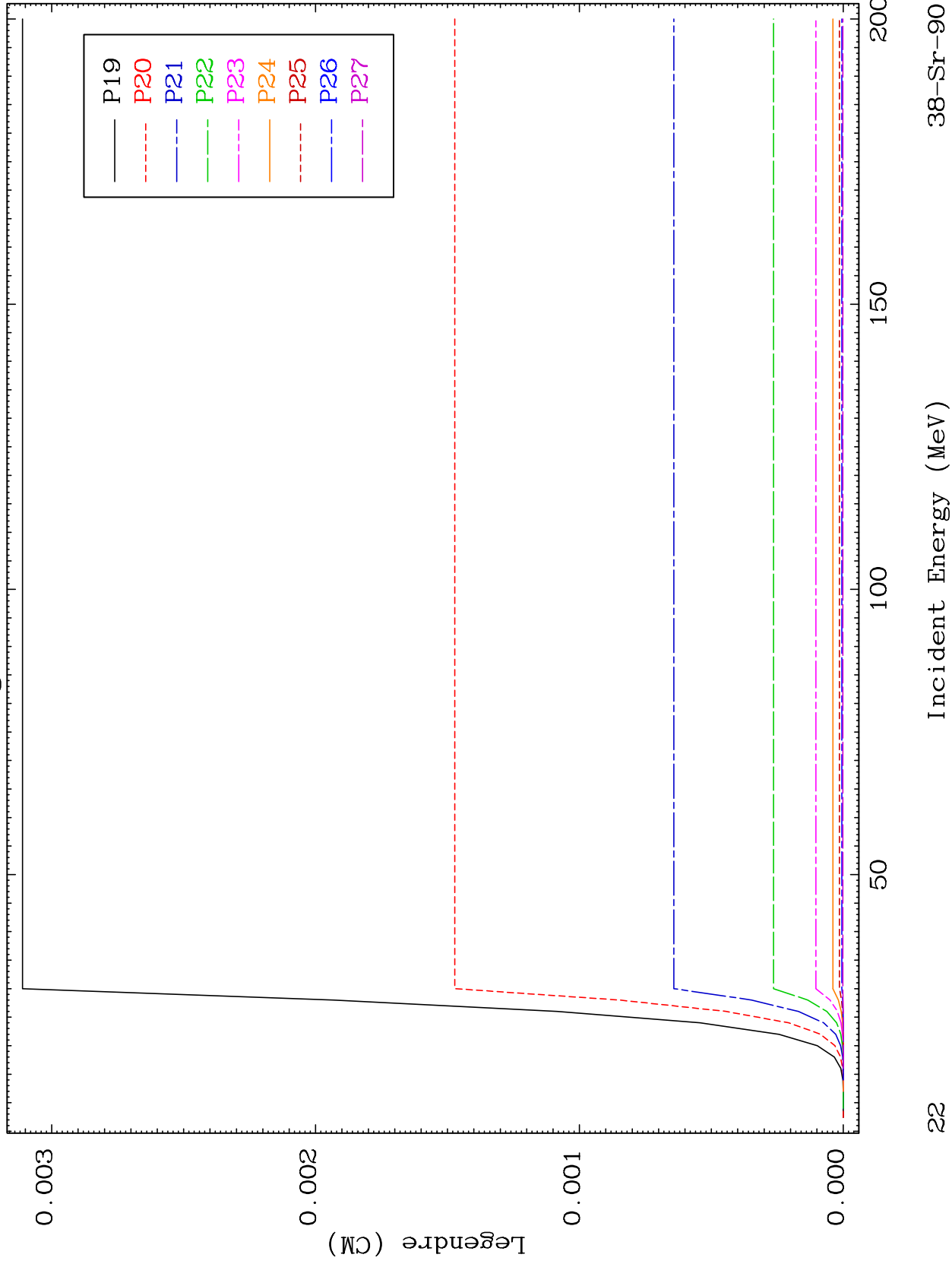
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



22

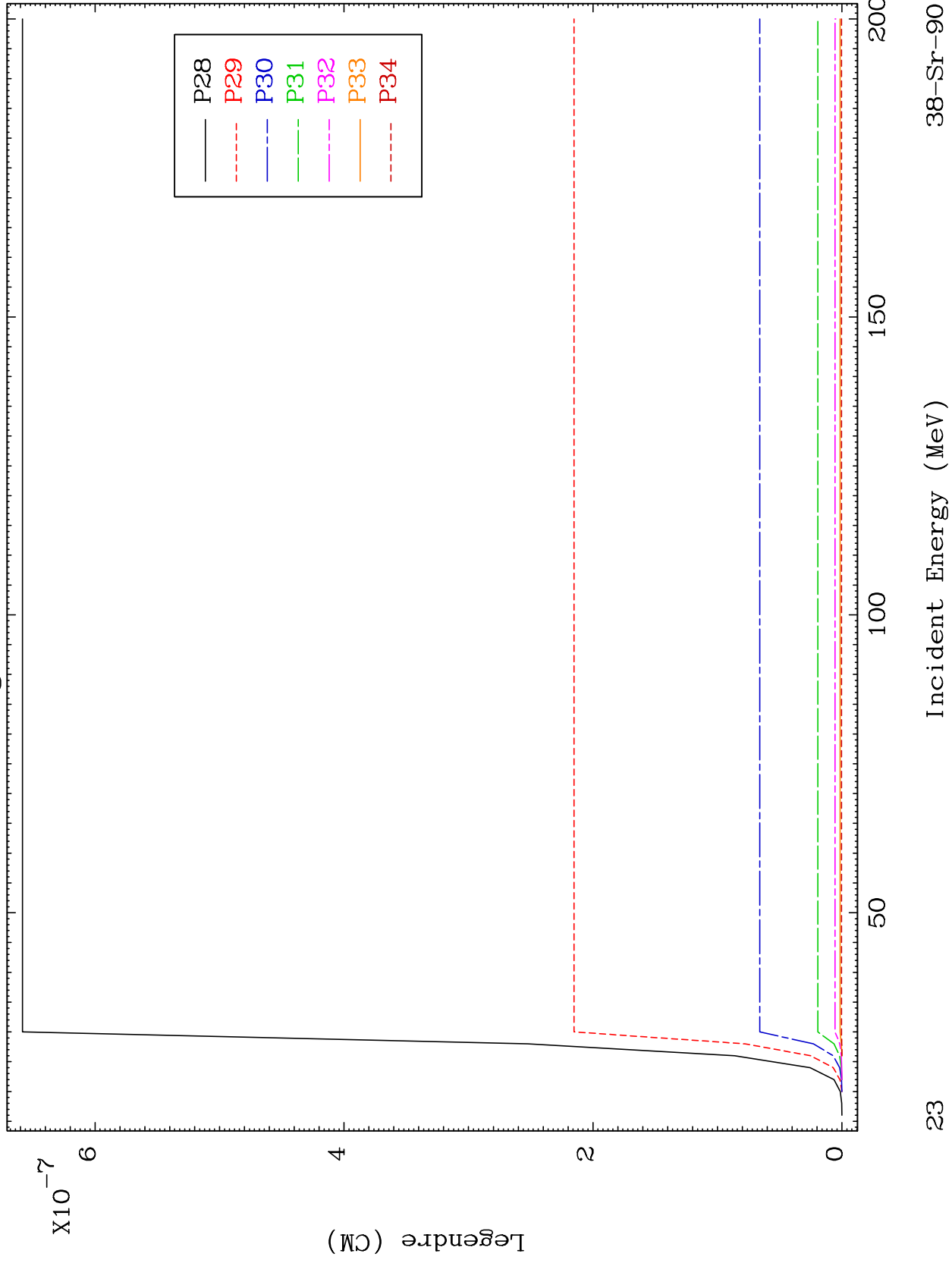
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

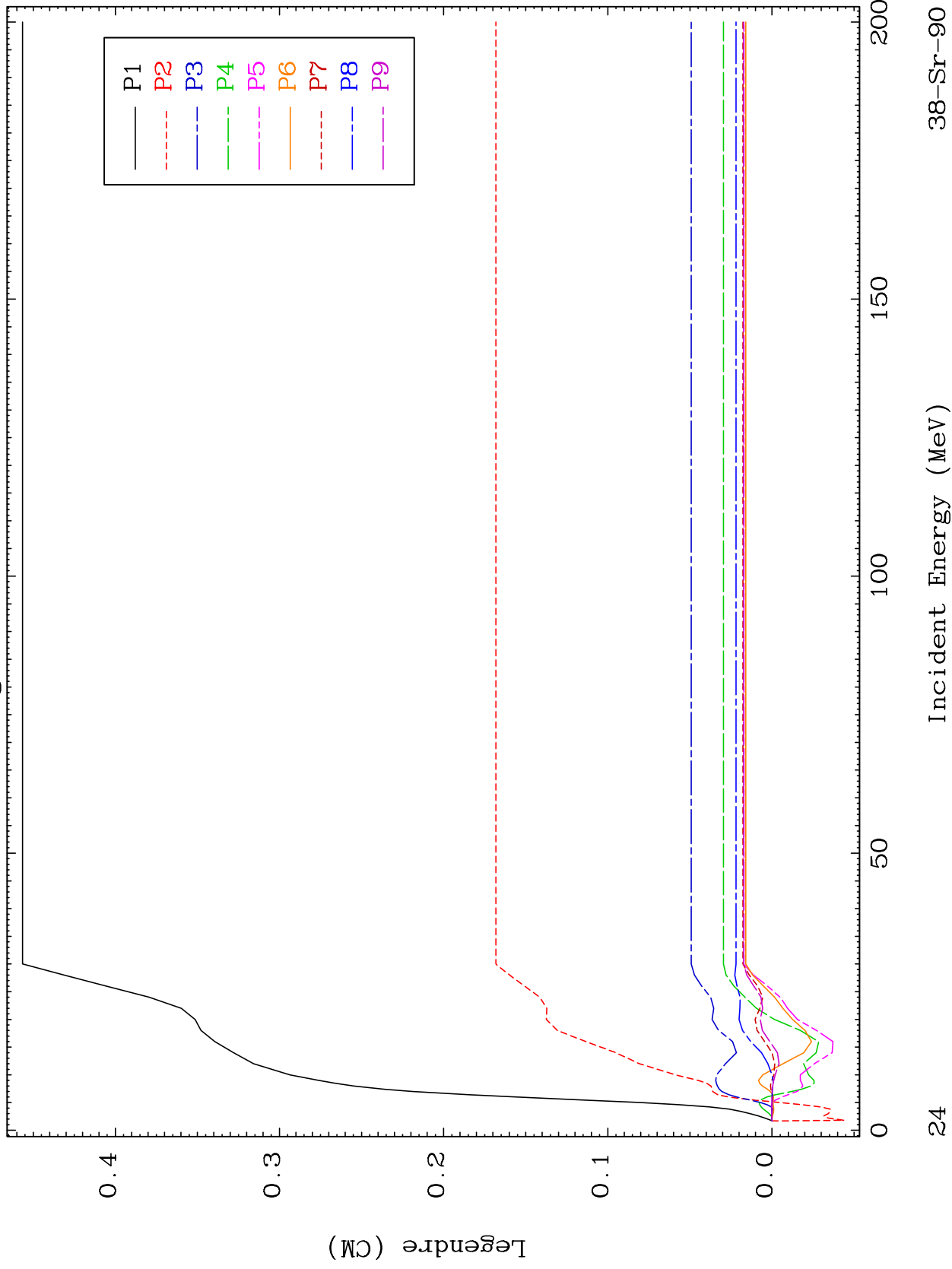
38-Sr-90



MAT 3843

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

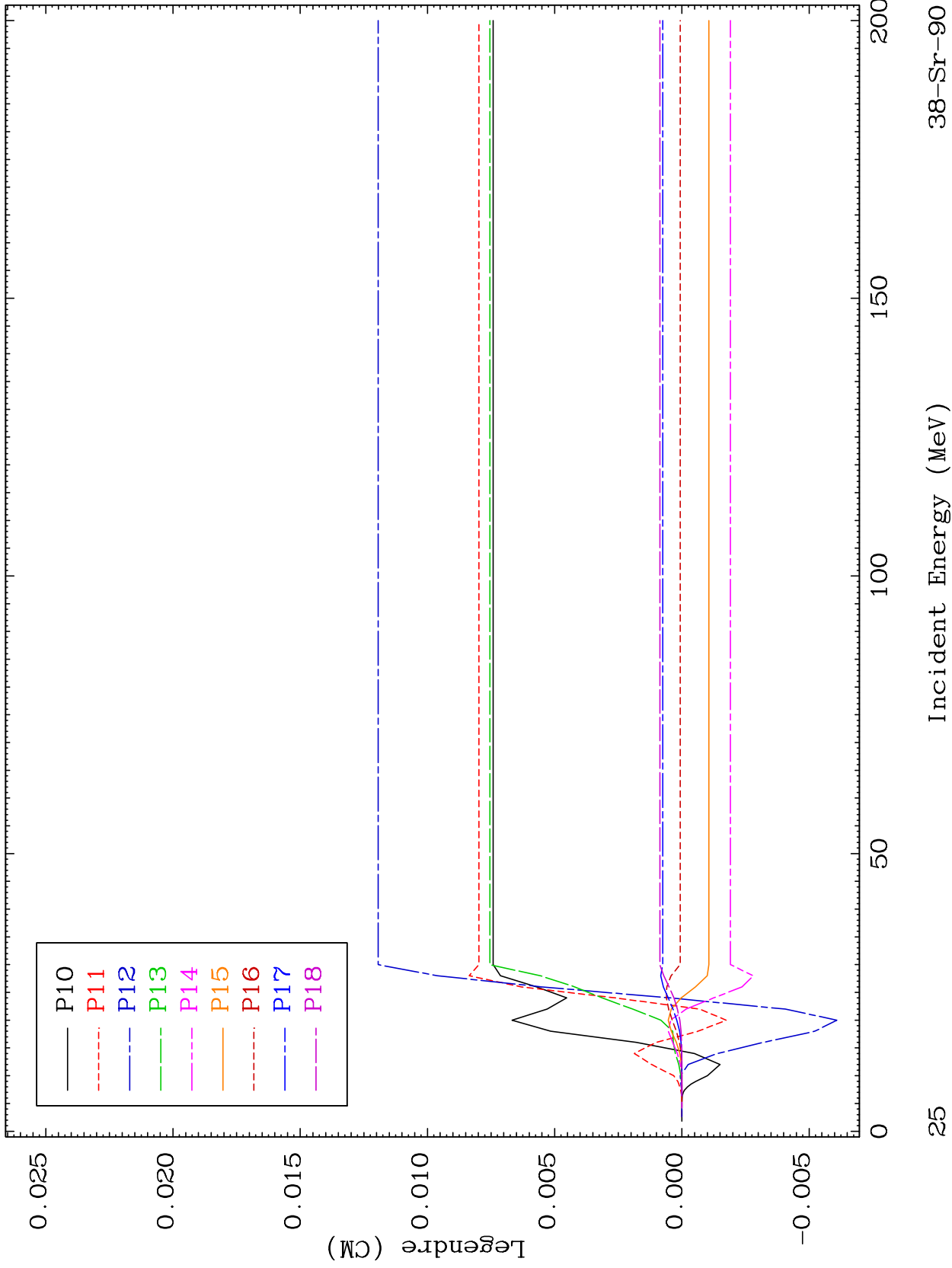
38-Sr-90



MAT 3843

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

38-Sr-90



38-Sr-90

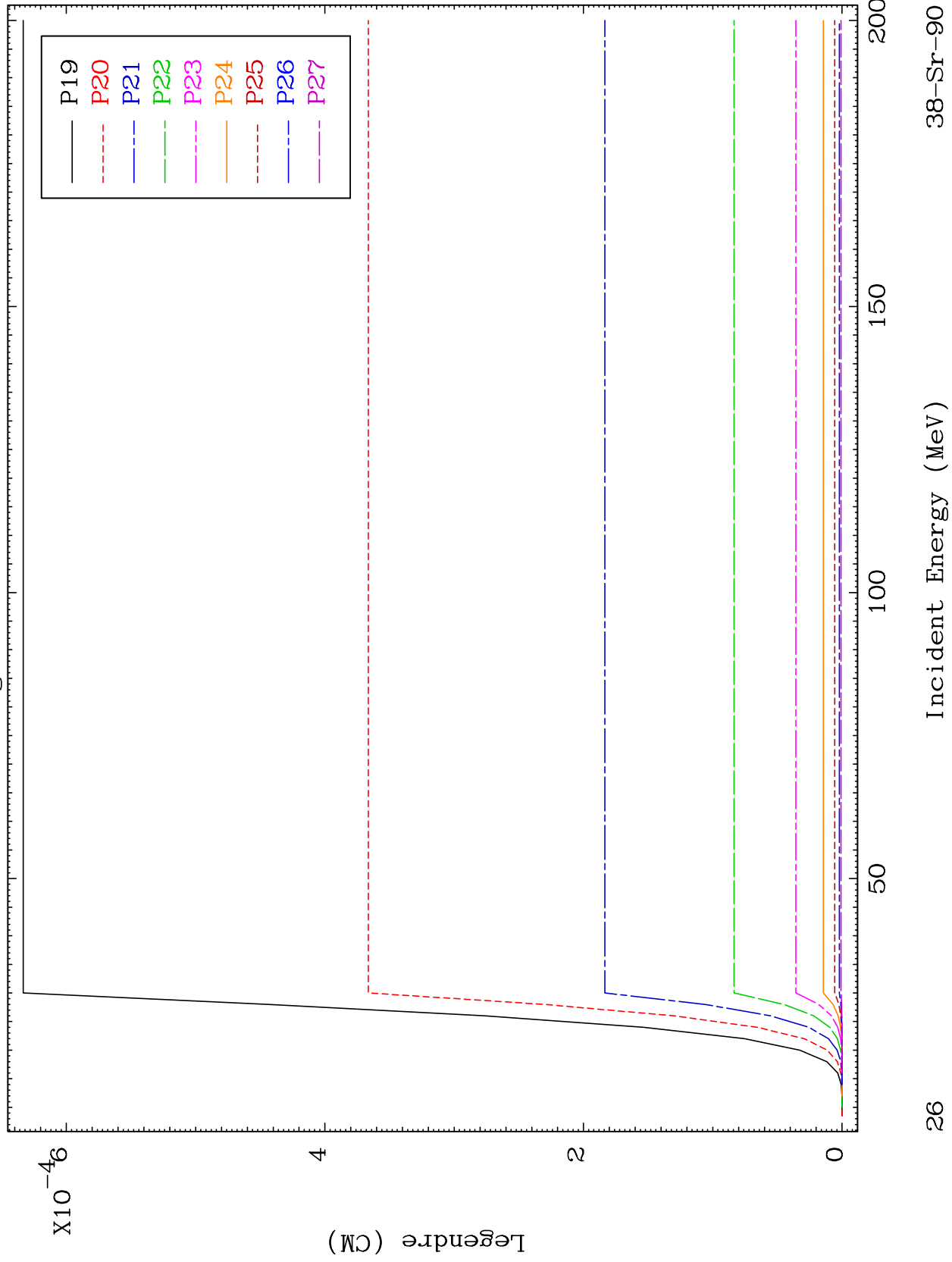
Incident Energy (MeV)

25

MAT 3843

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

38-Sr-90



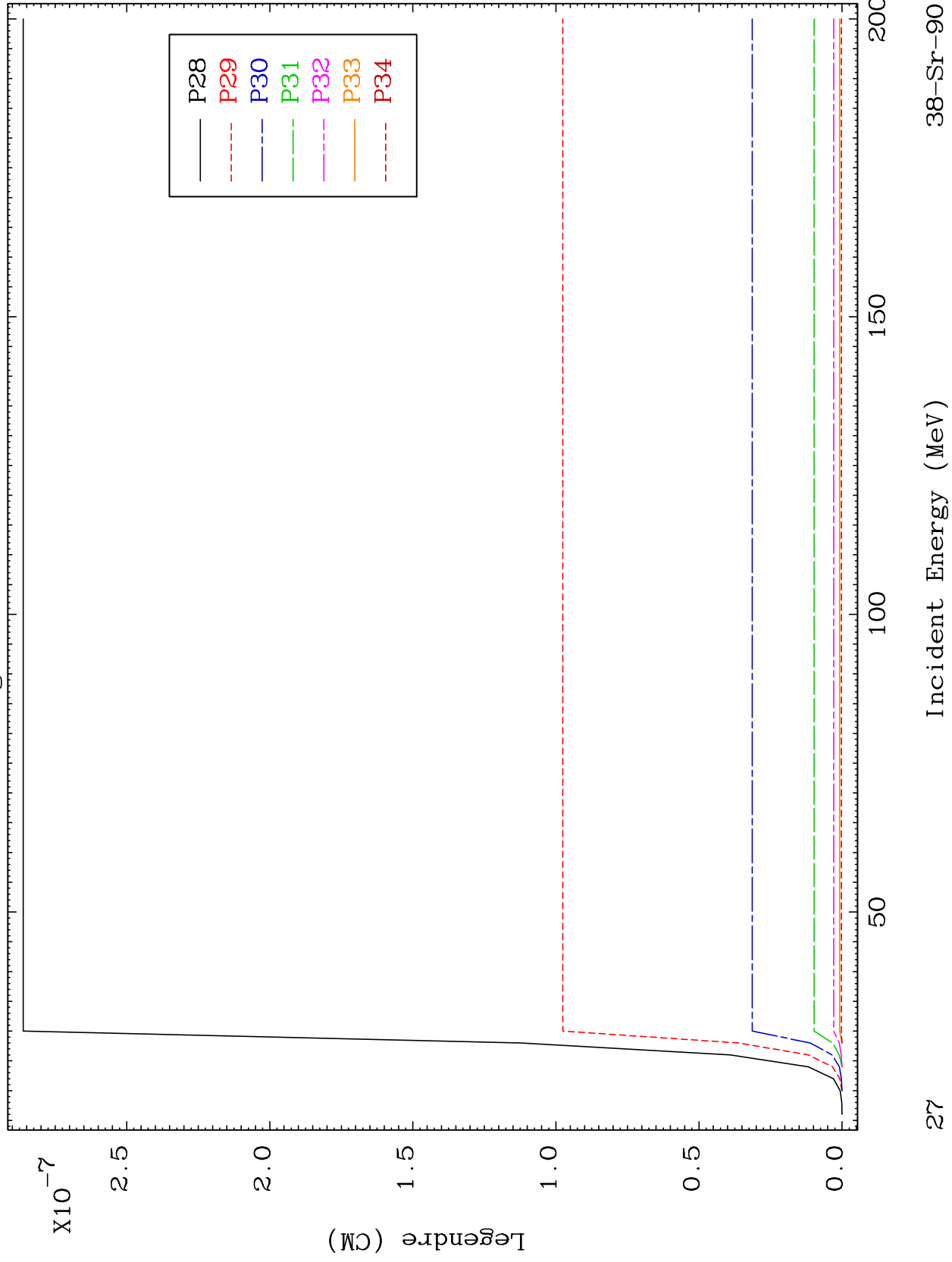
26

38-Sr-90

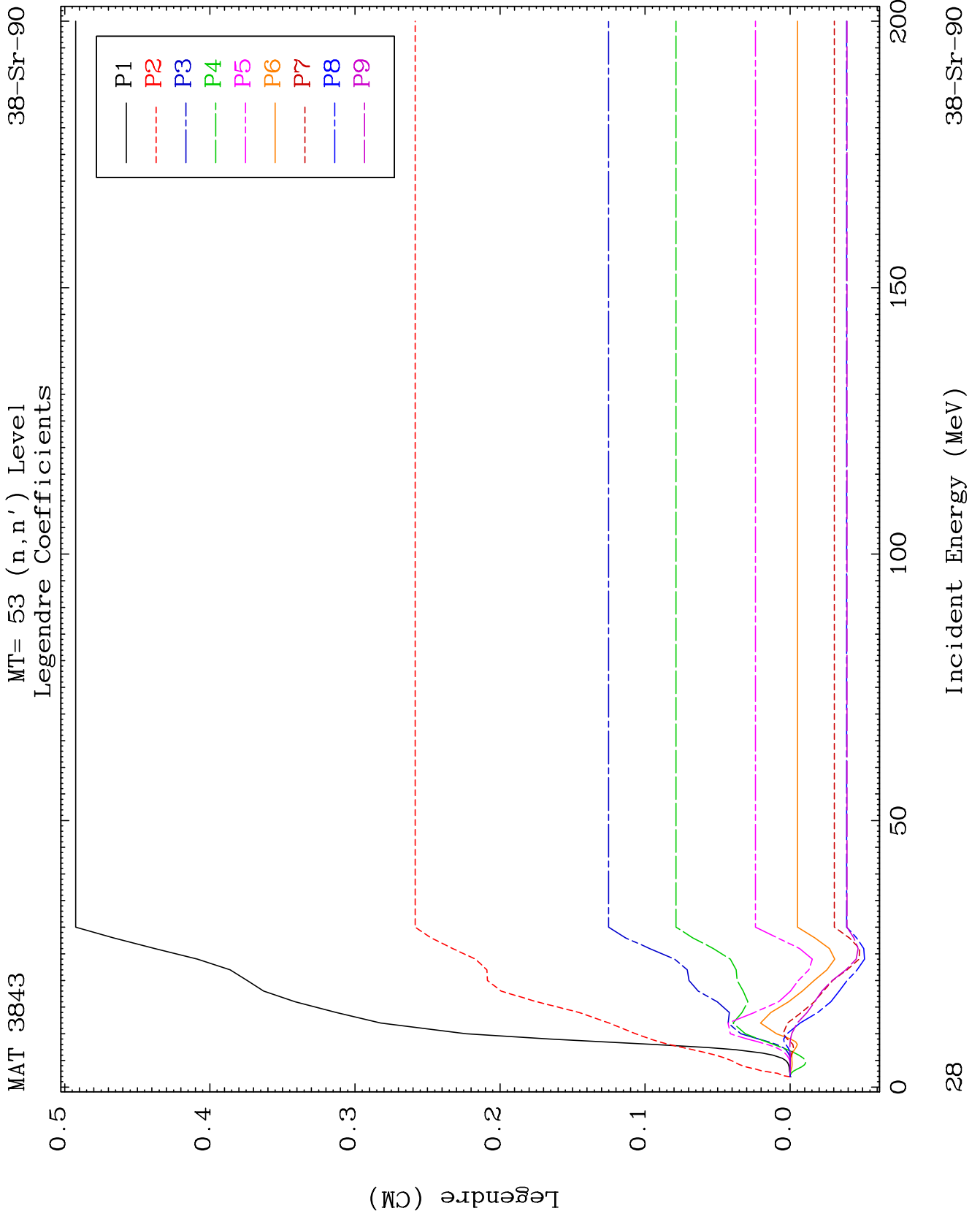
MAT 3843

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

38-Sr-90



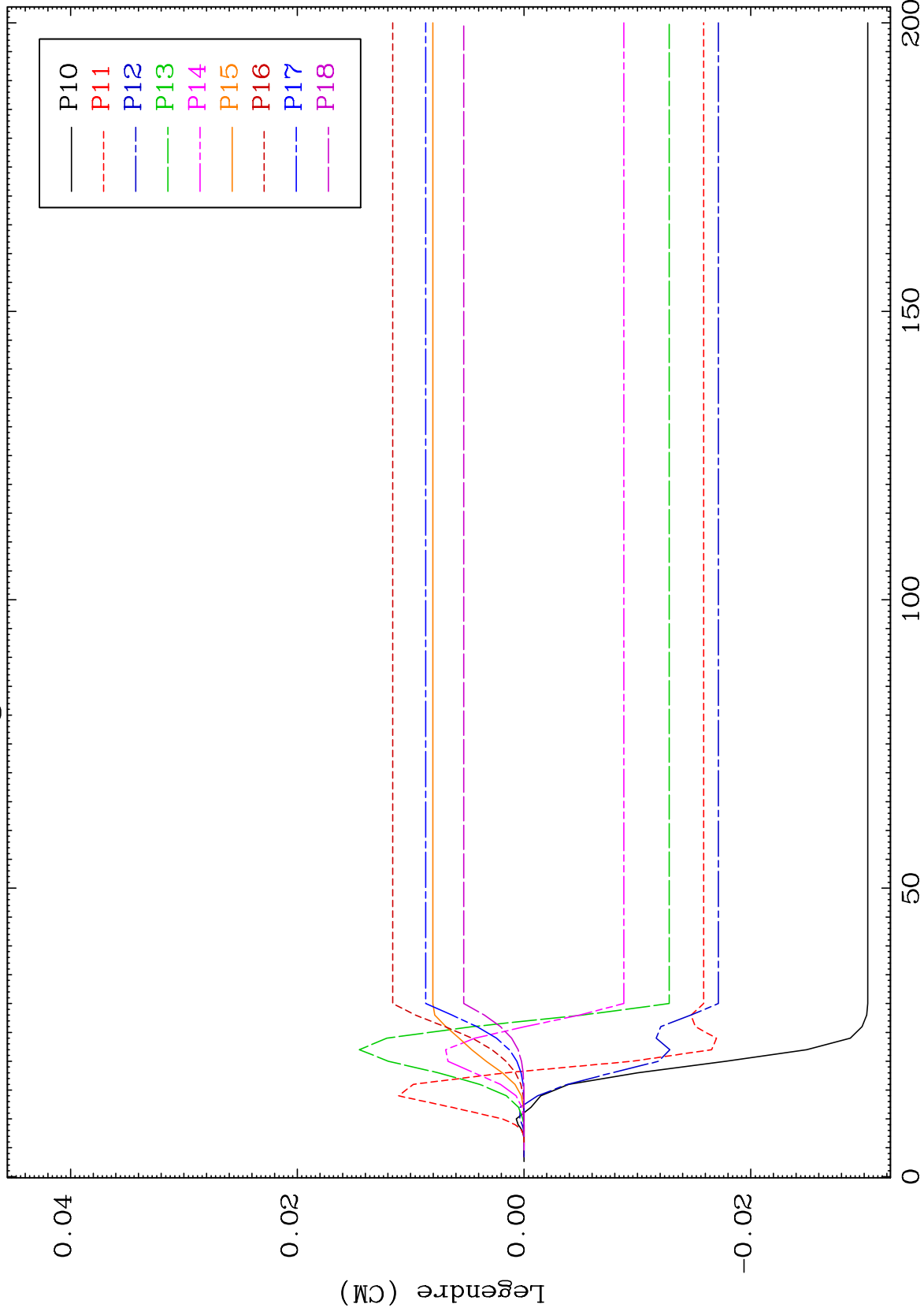
27



MAT 3843

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

38-Sr-90



29

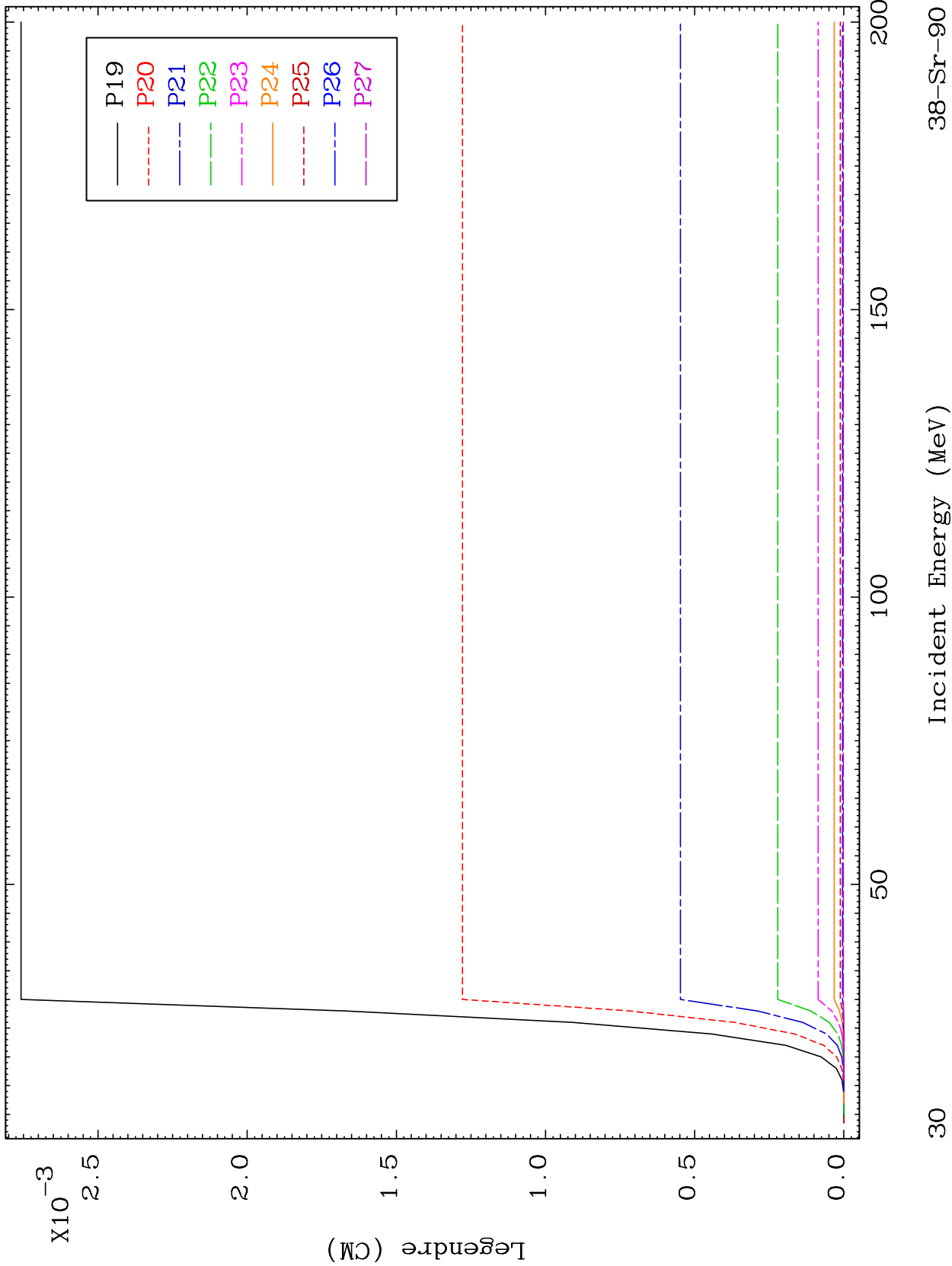
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



30

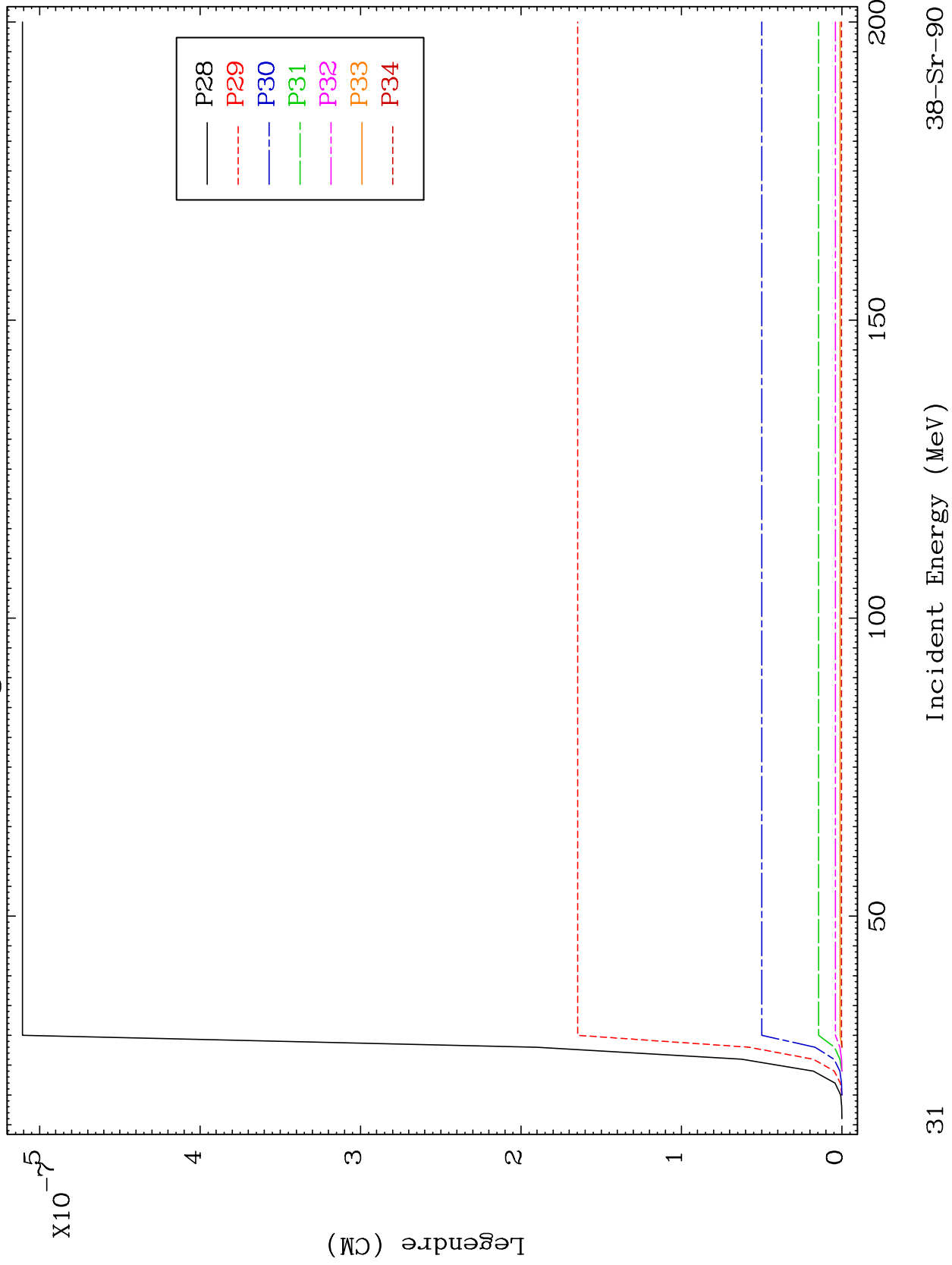
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



31

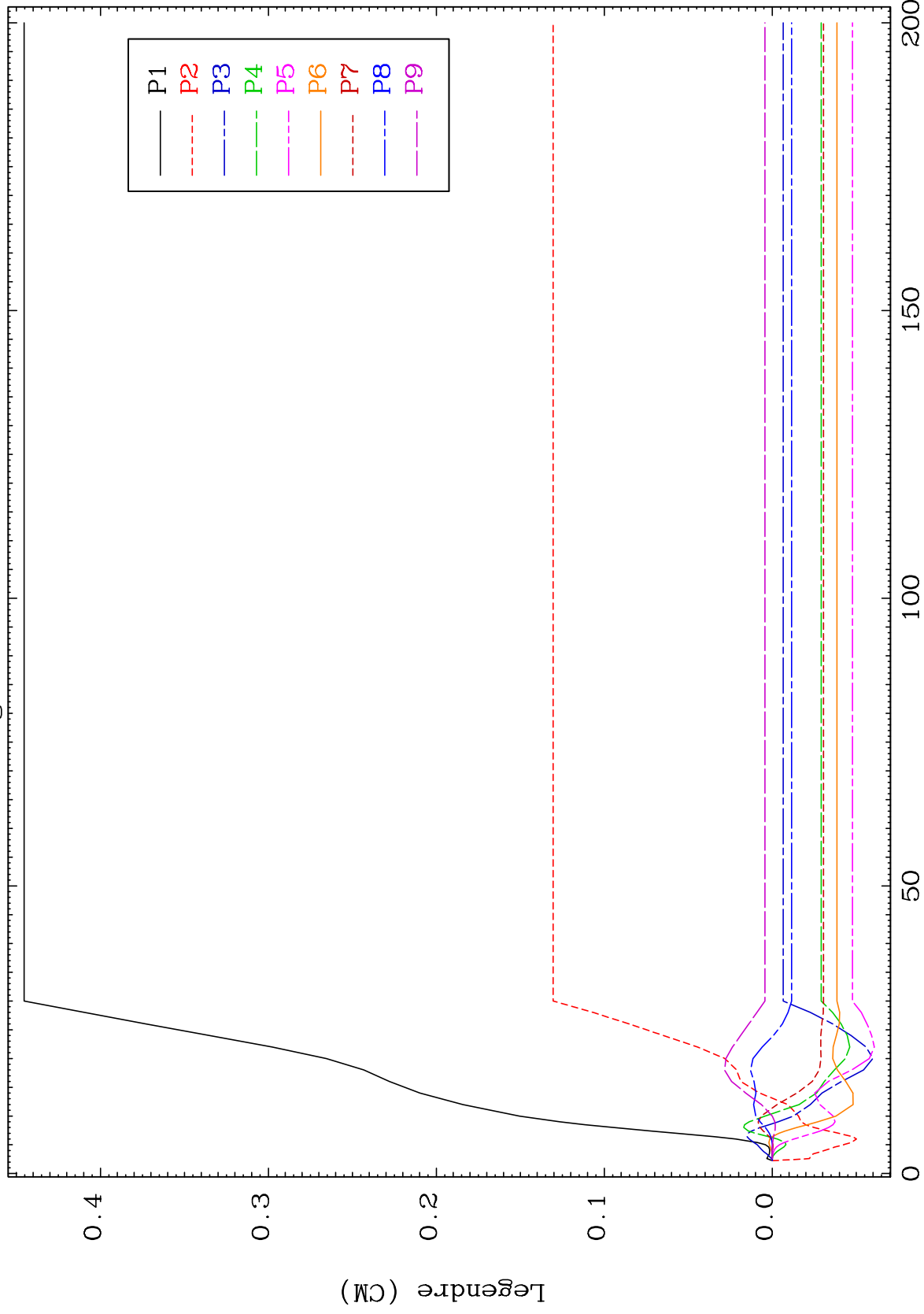
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



32

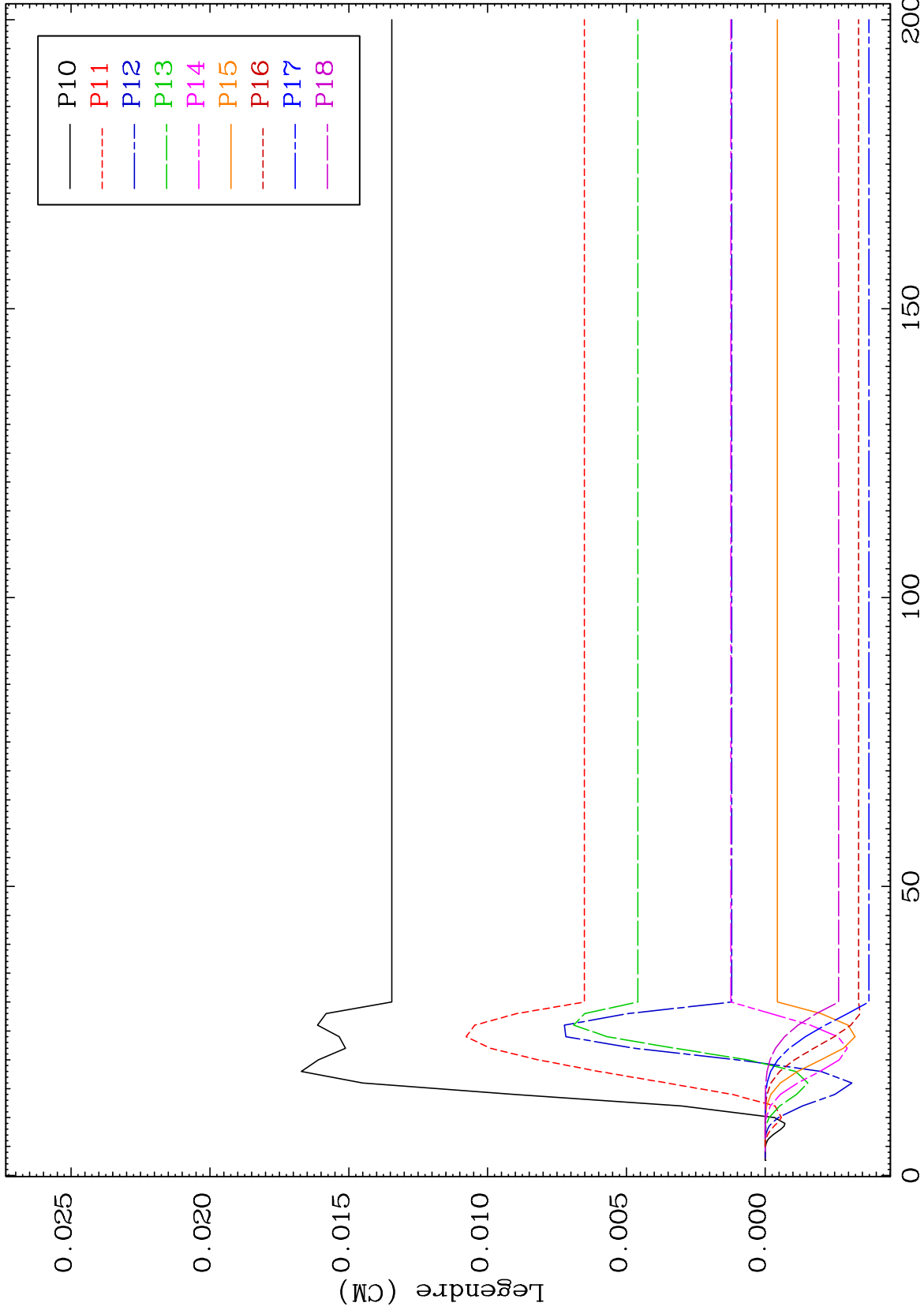
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

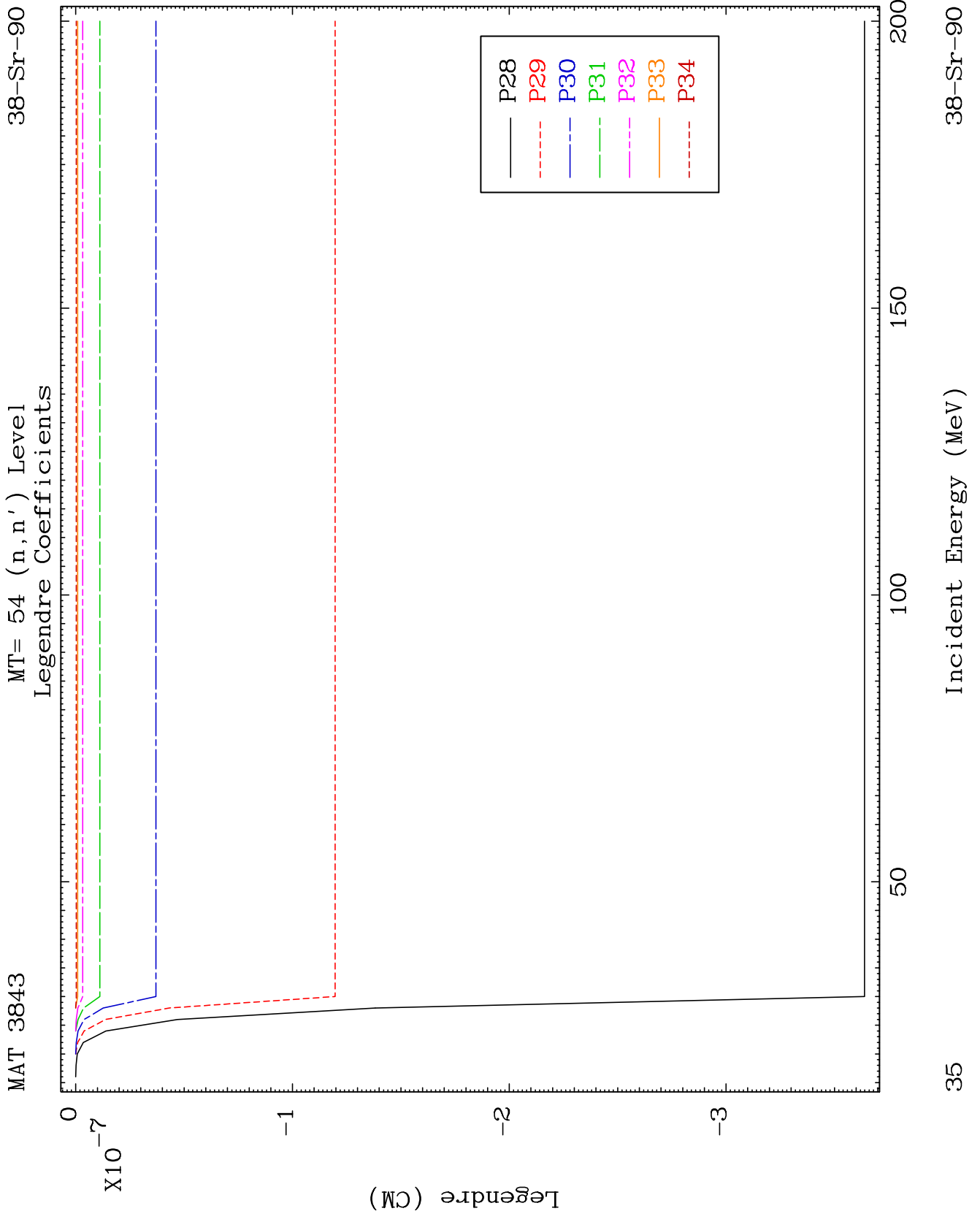
38-Sr-90



33

Incident Energy (MeV)

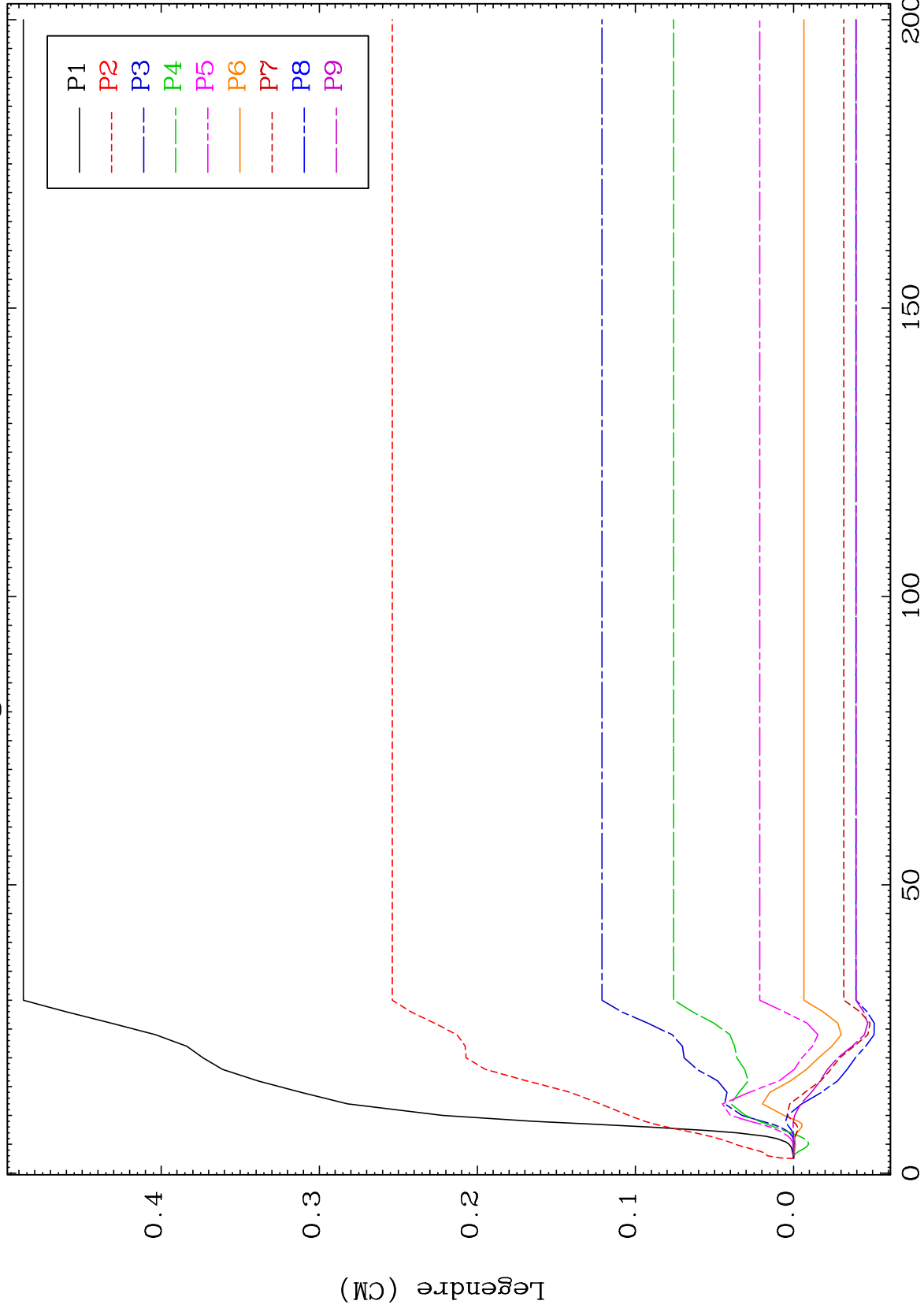
38-Sr-90



MAT 3843

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

38-Sr-90



36

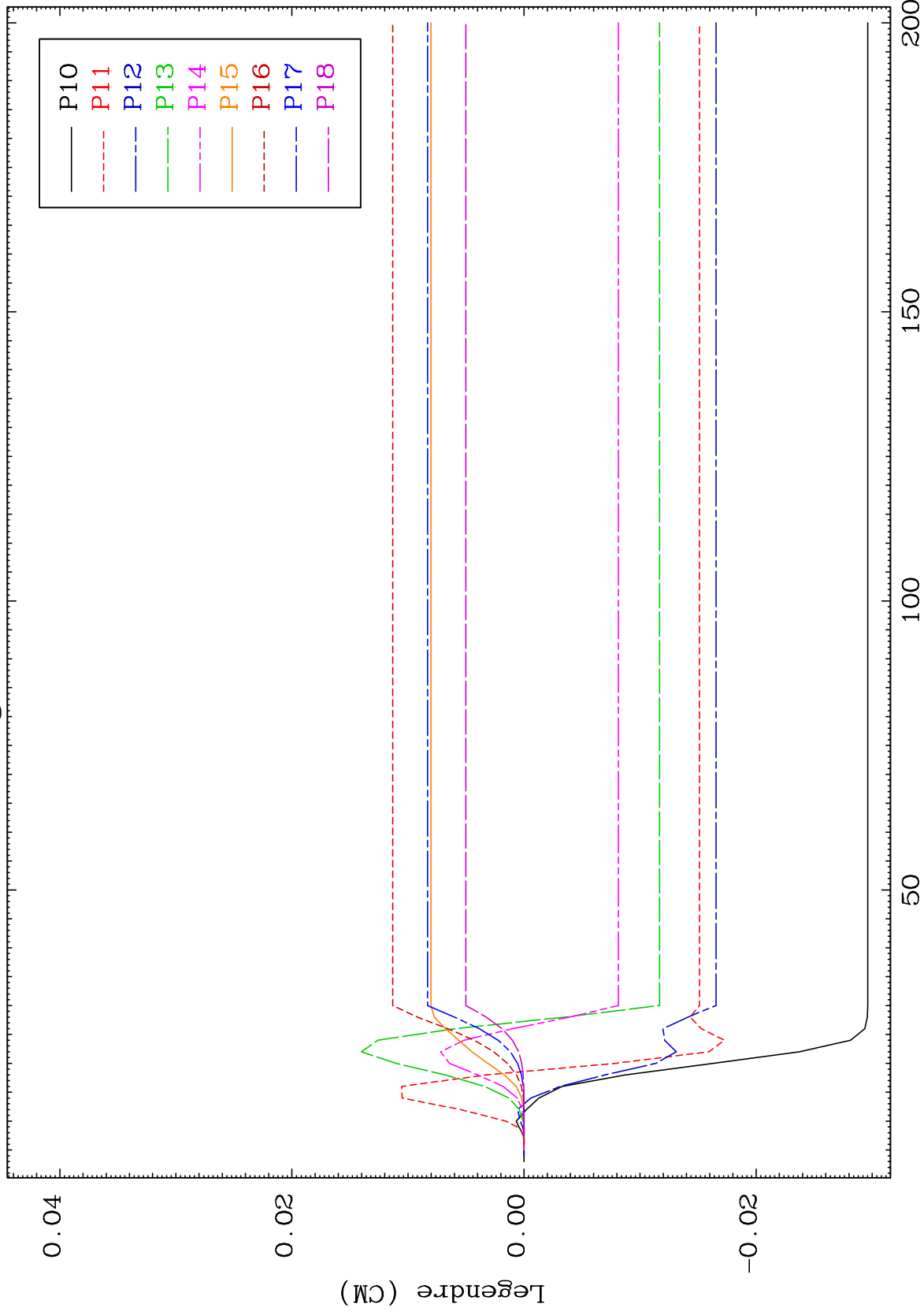
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



37

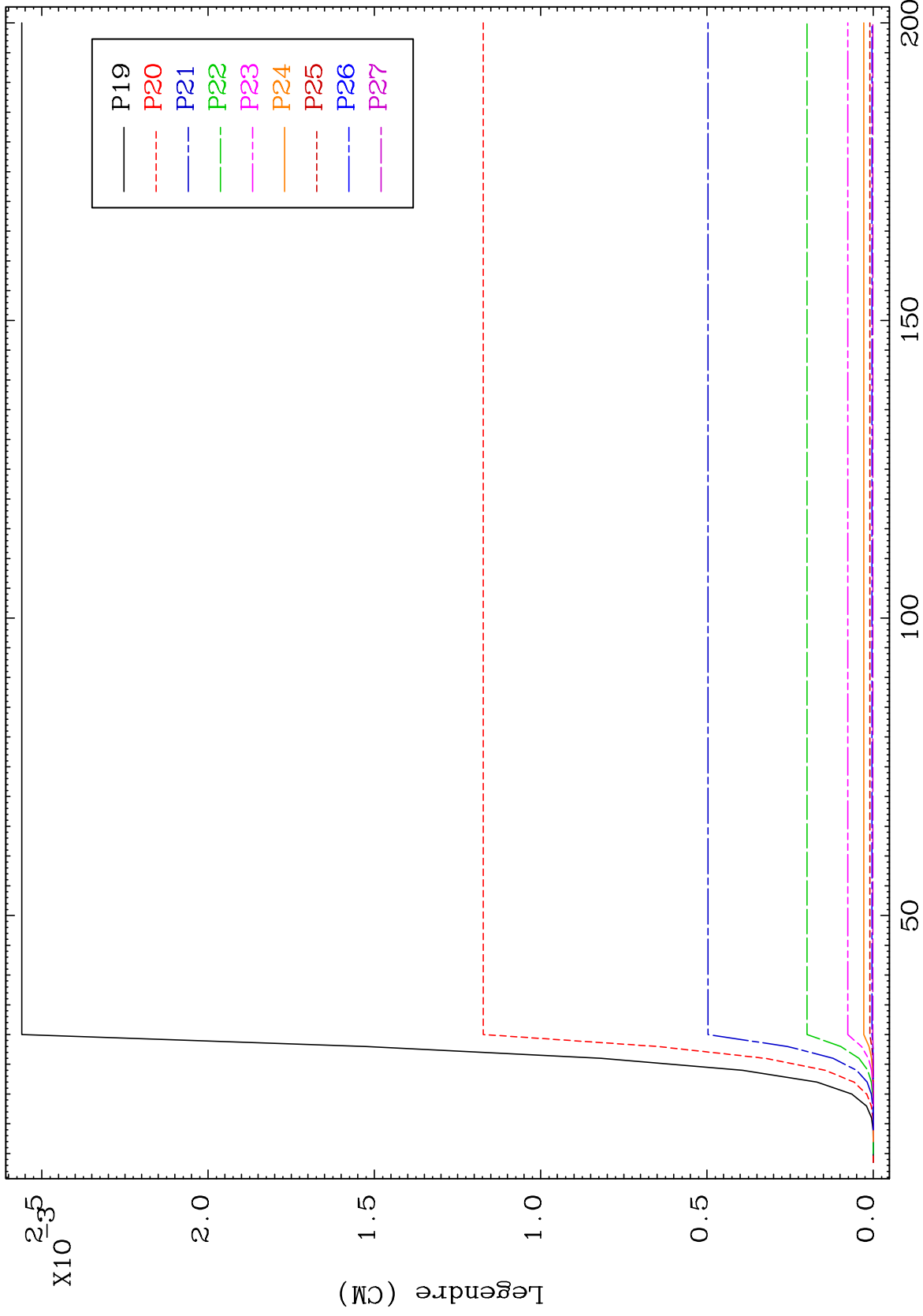
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



38

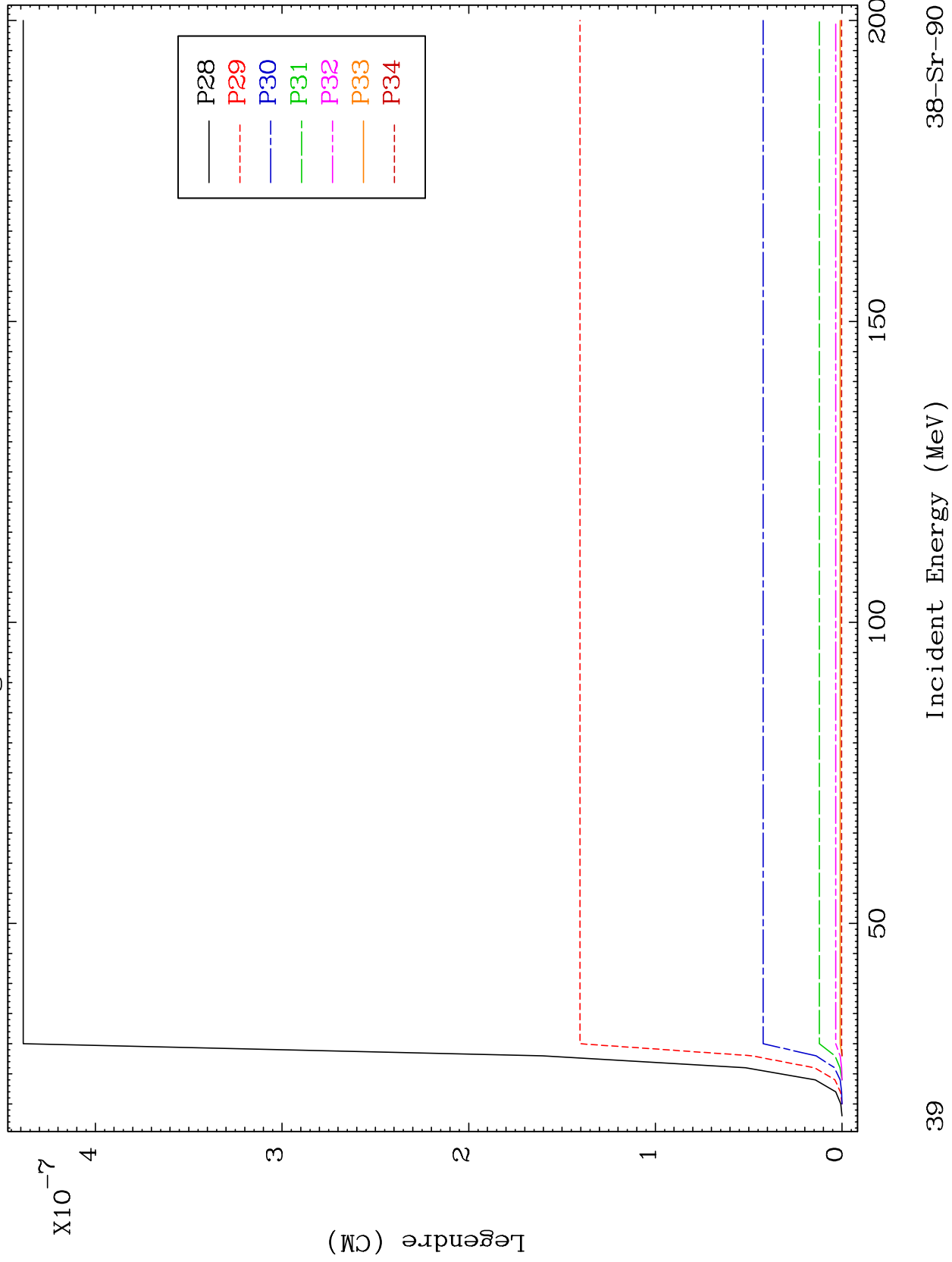
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

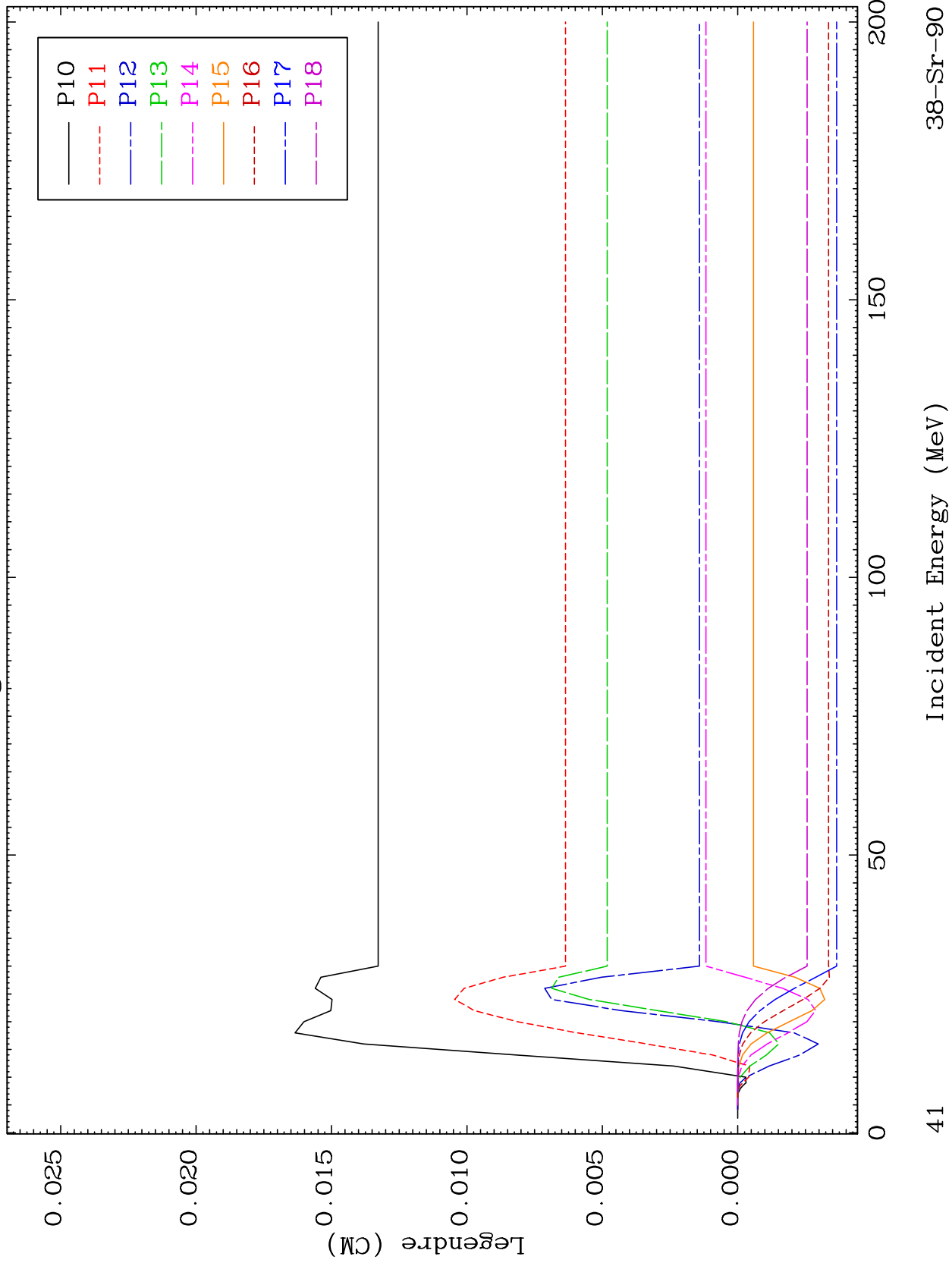
38-Sr-90



MAT 3843

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

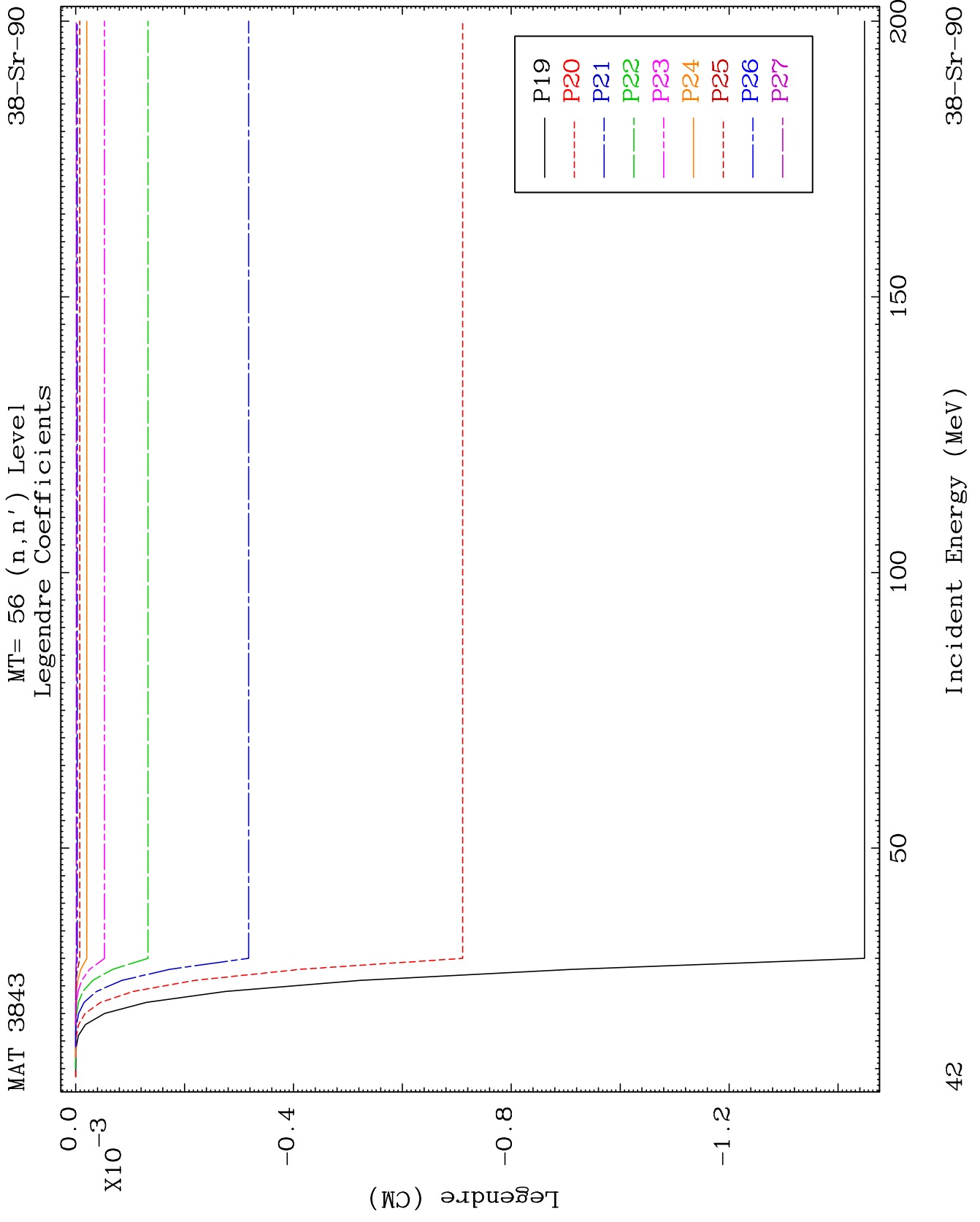
38-Sr-90

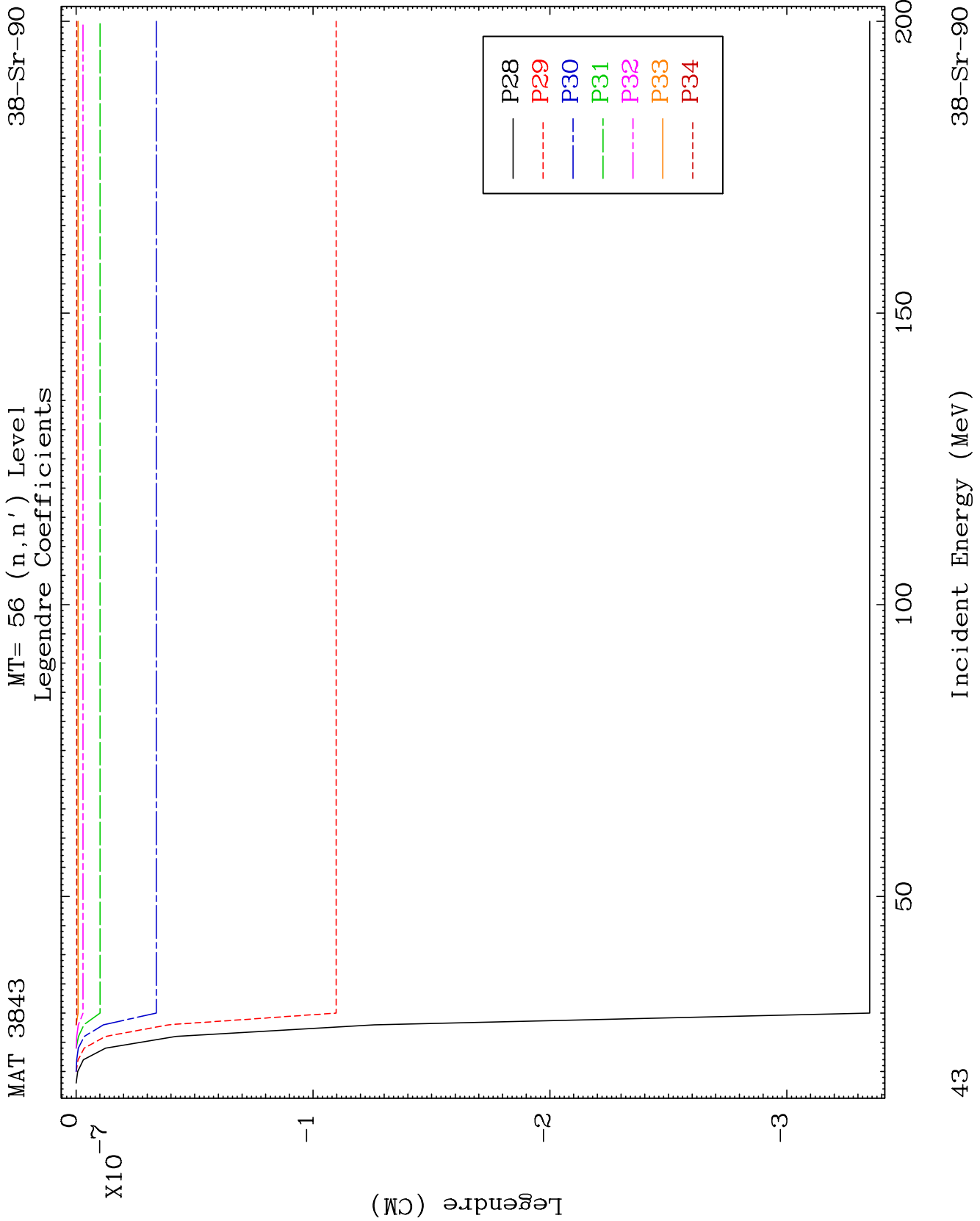


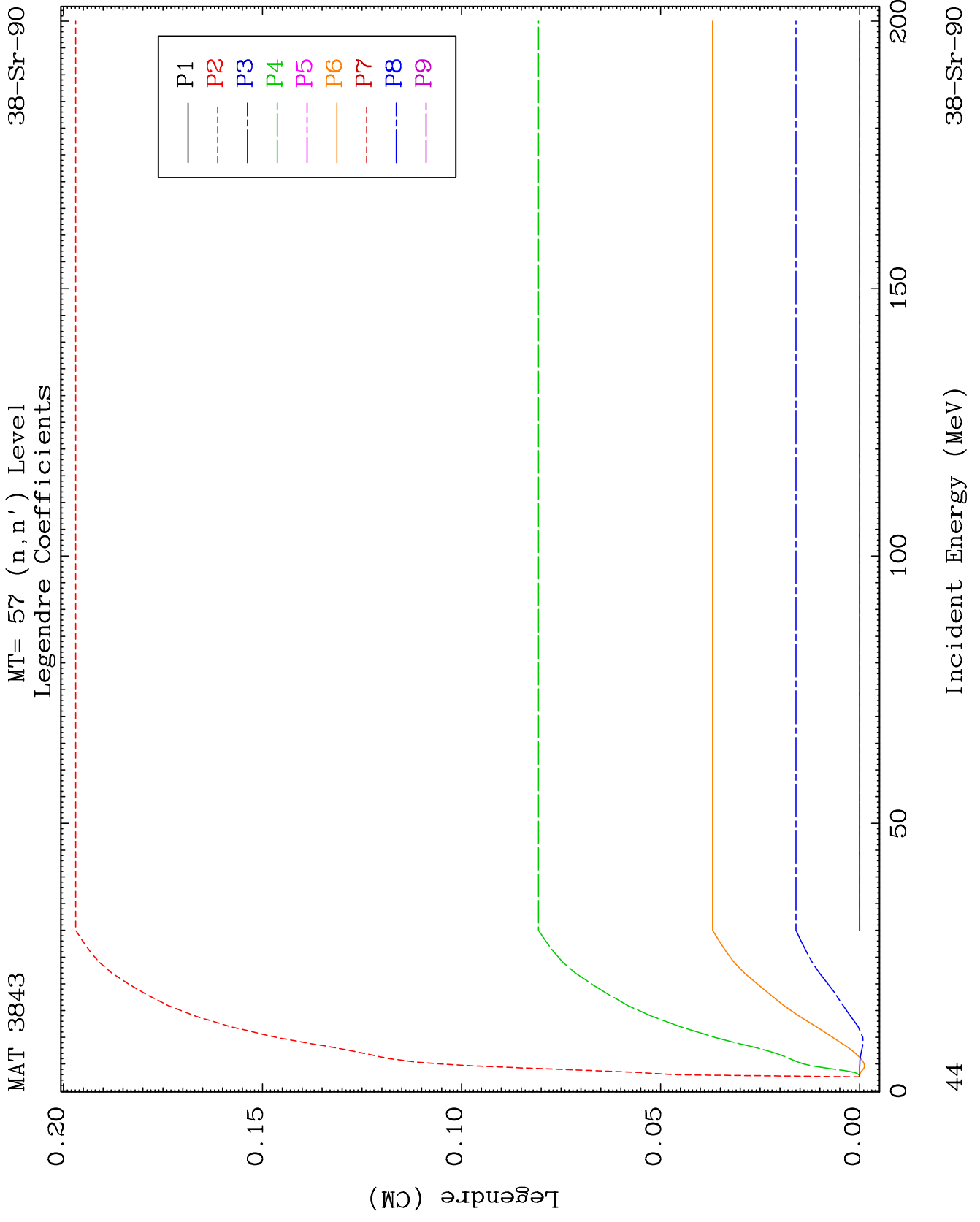
41

Incident Energy (MeV)

38-Sr-90



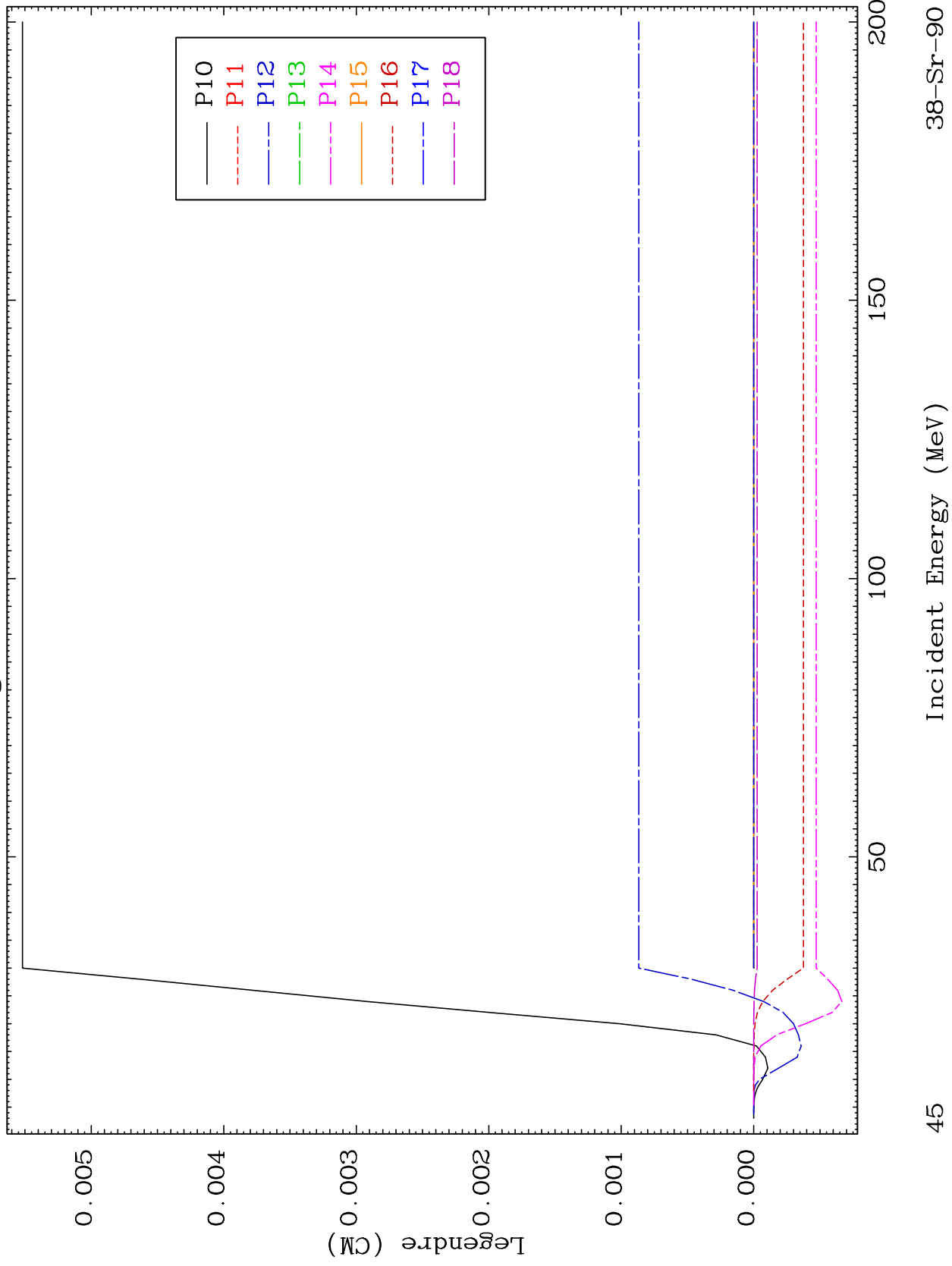


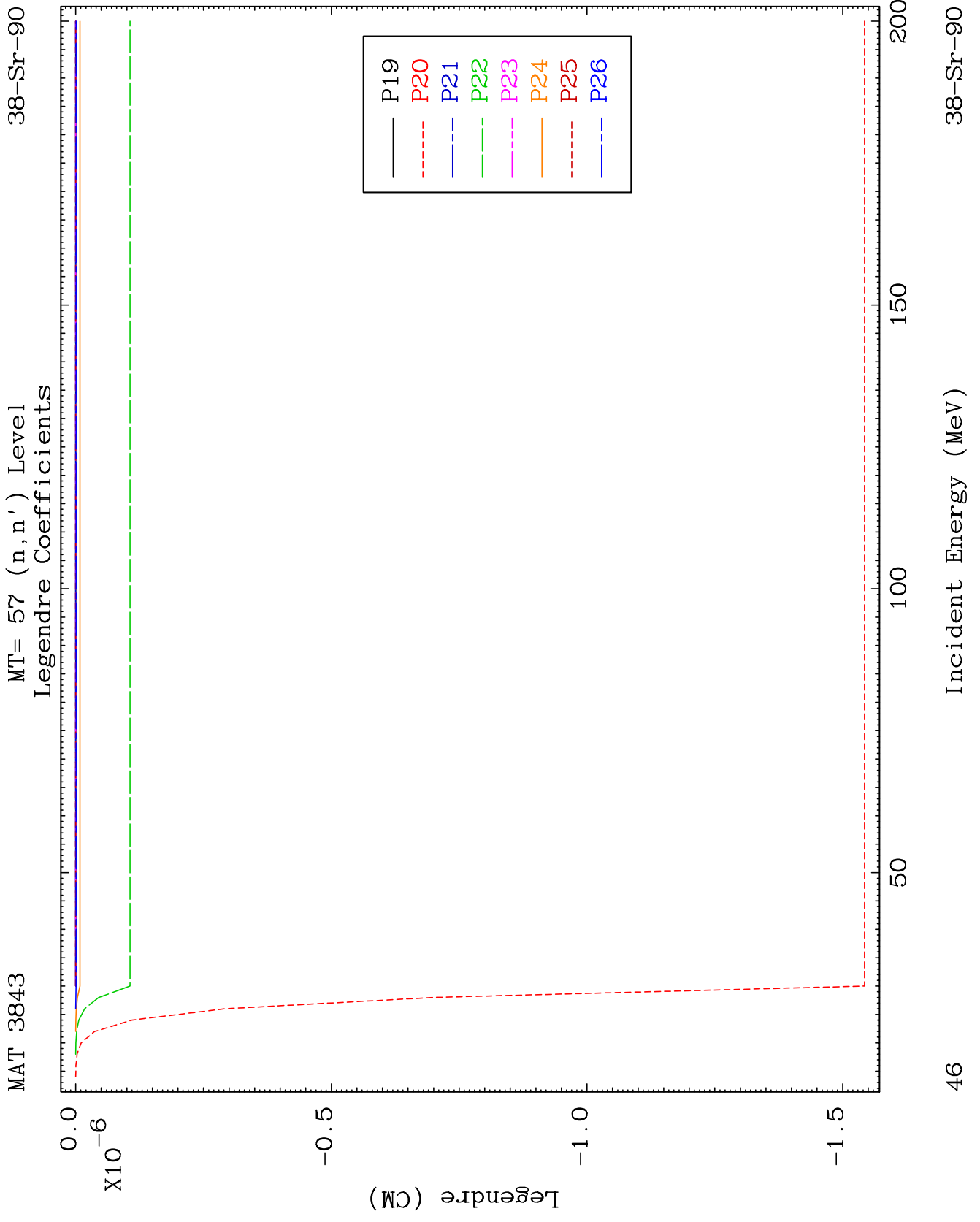


MAT 3843

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

38-Sr-90

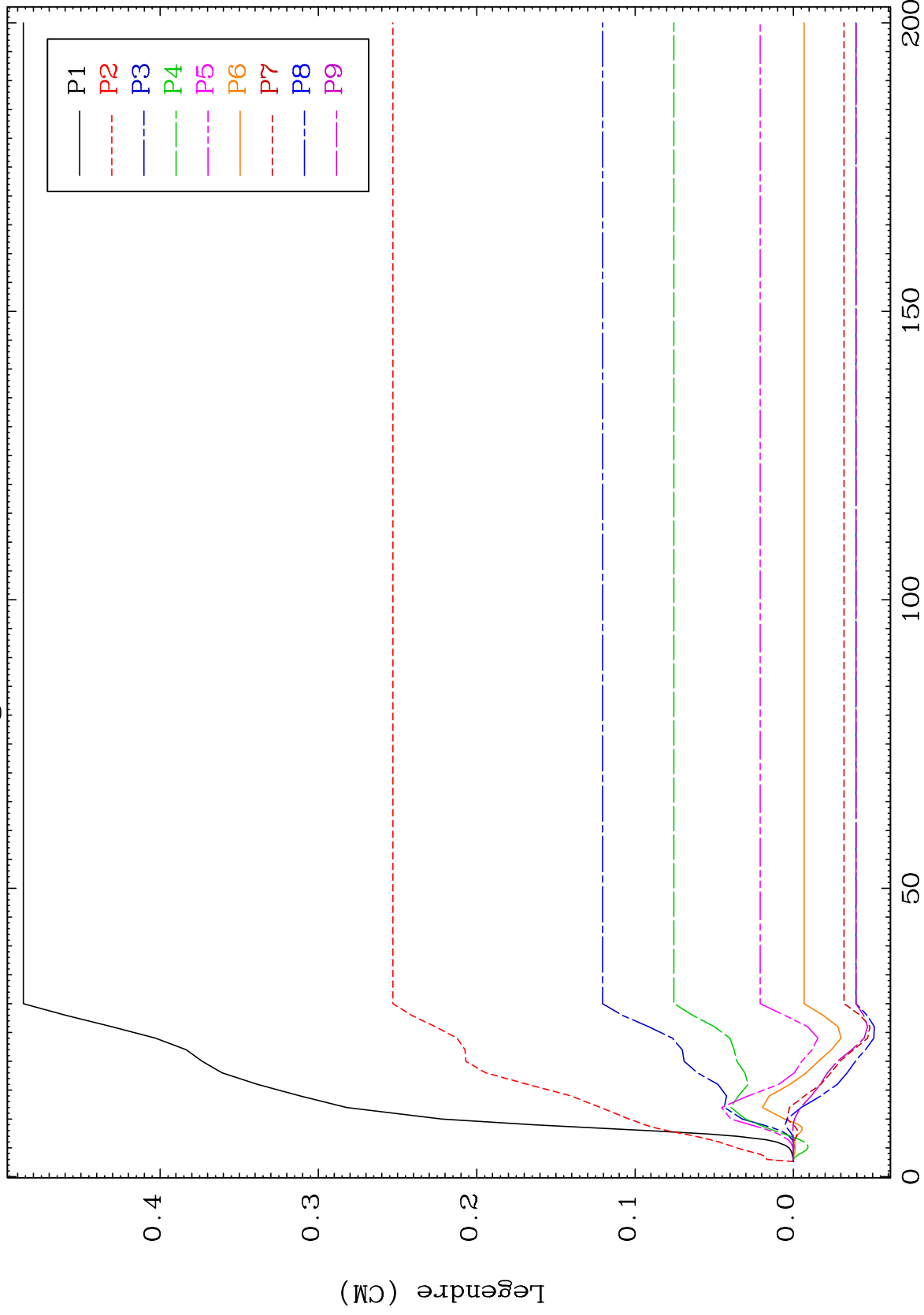




MAT 3843

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

38-Sr-90



47

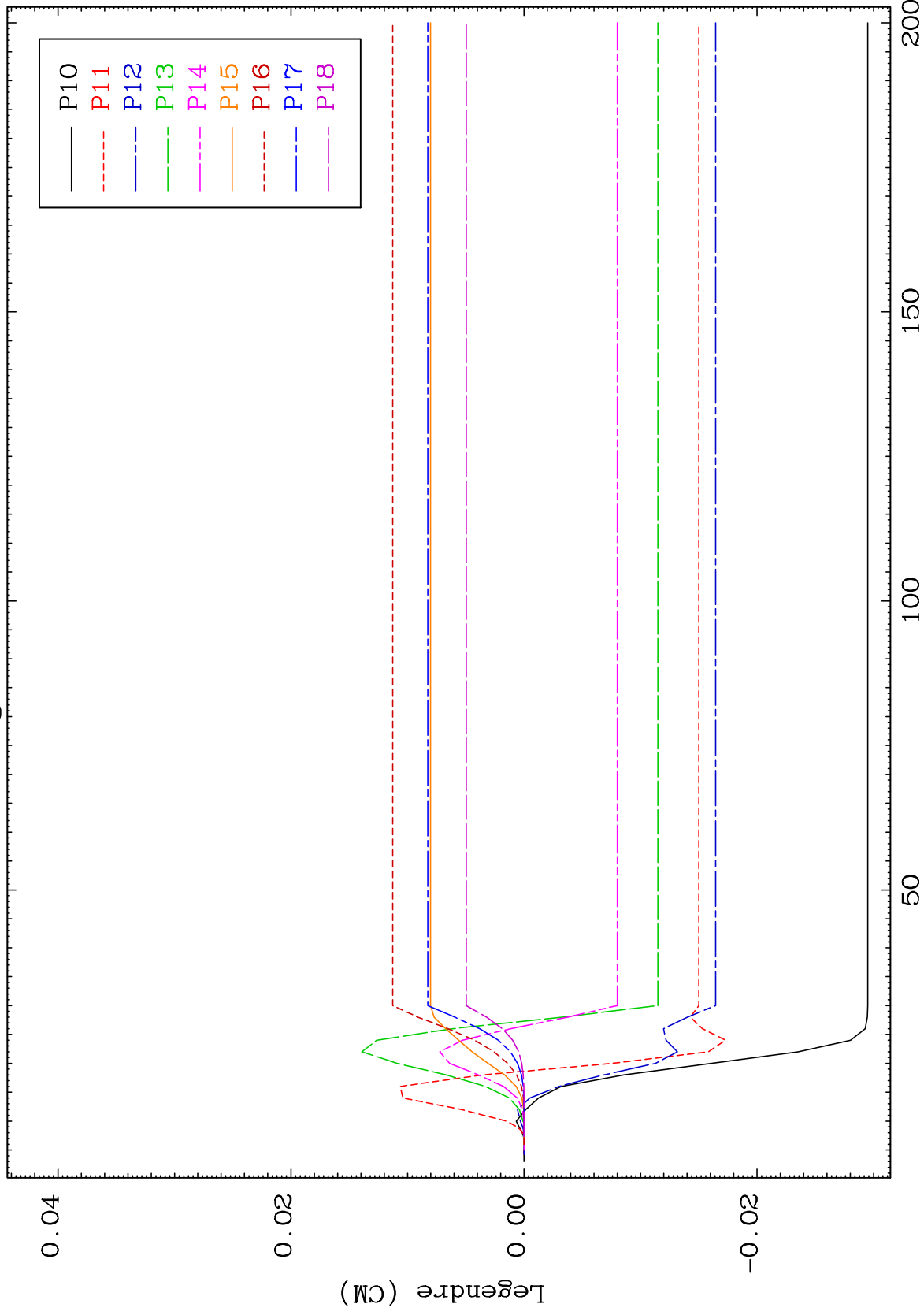
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



48

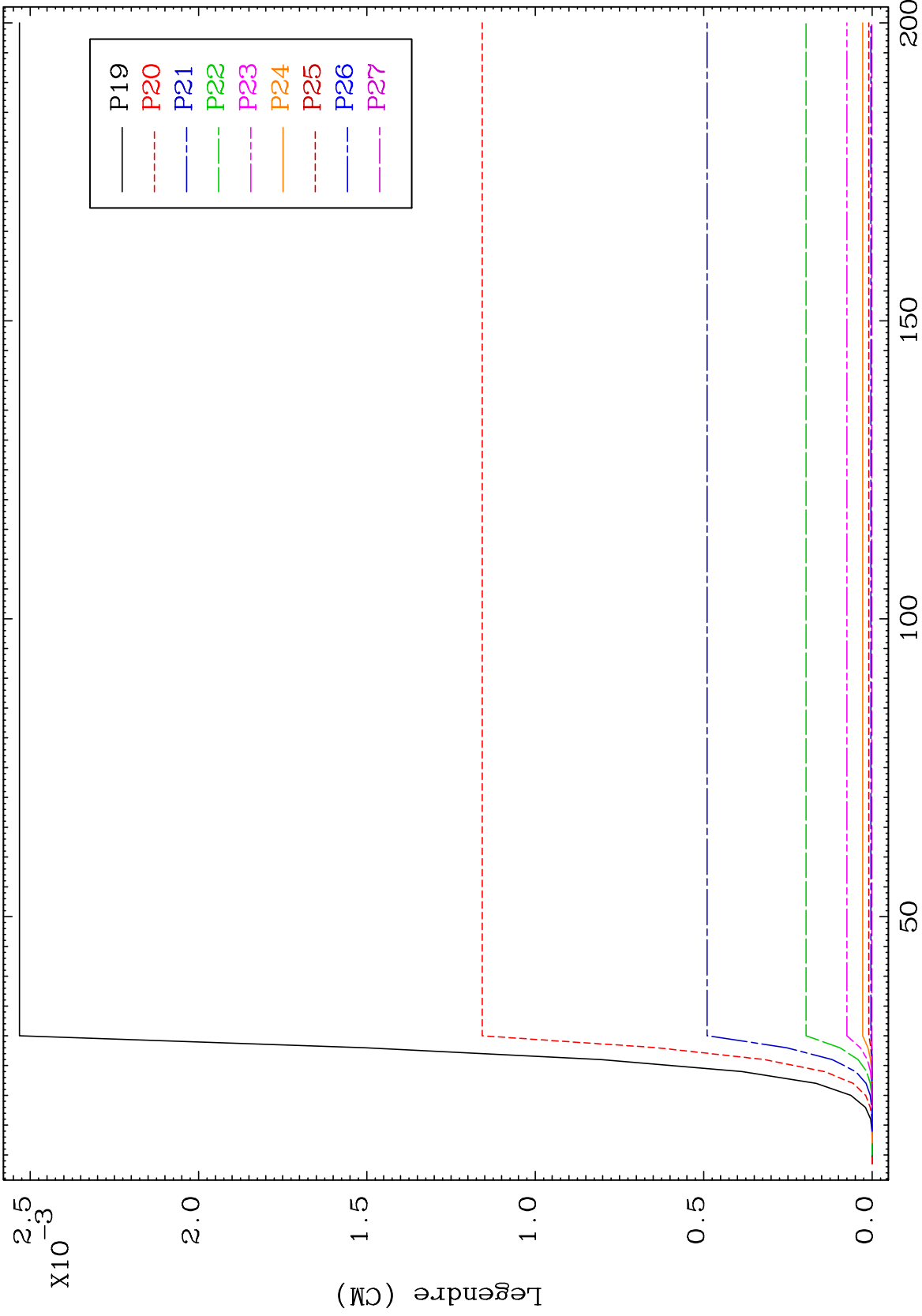
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



49

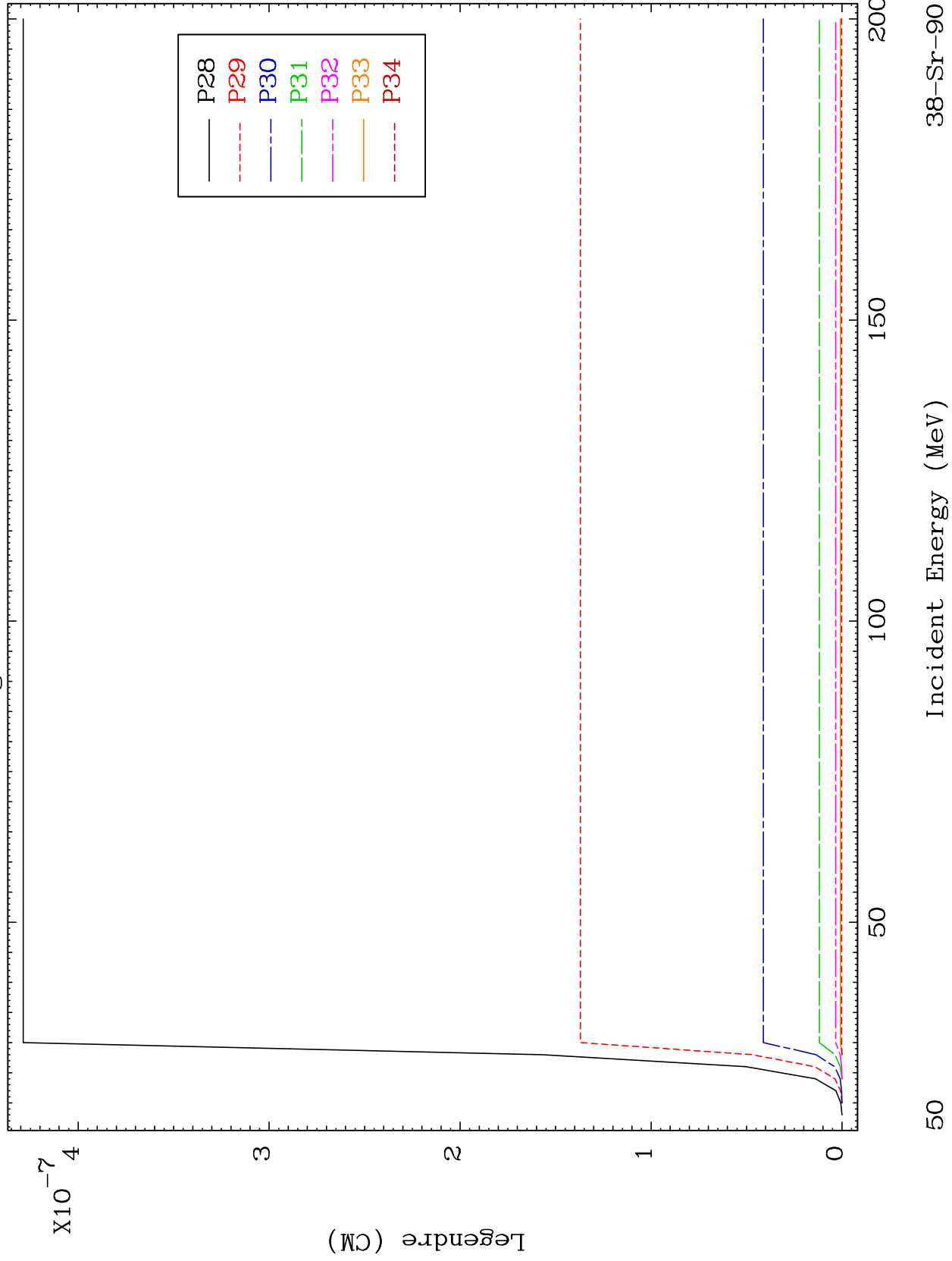
Incident Energy (MeV)

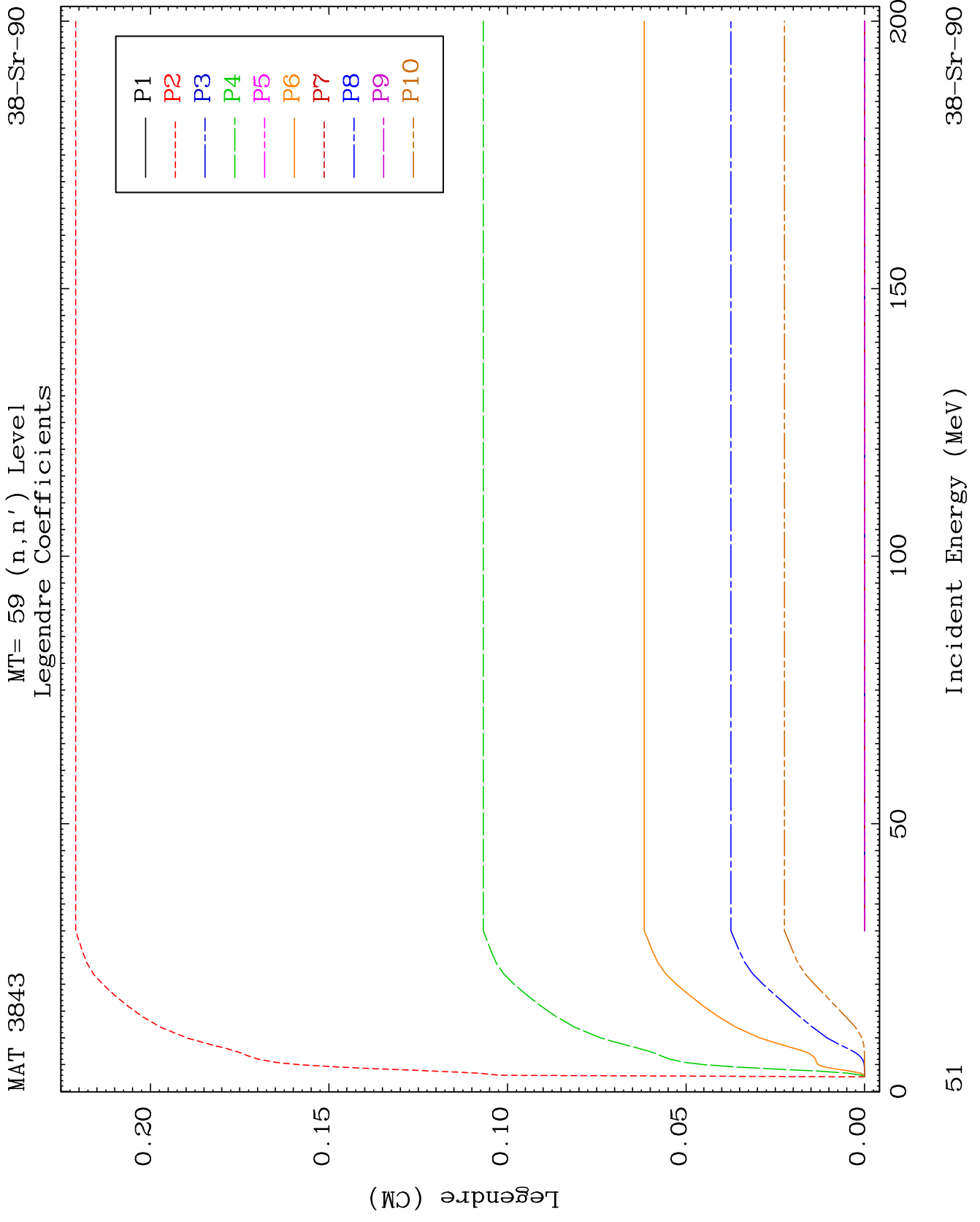
38-Sr-90

MAT 3843

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

38-Sr-90

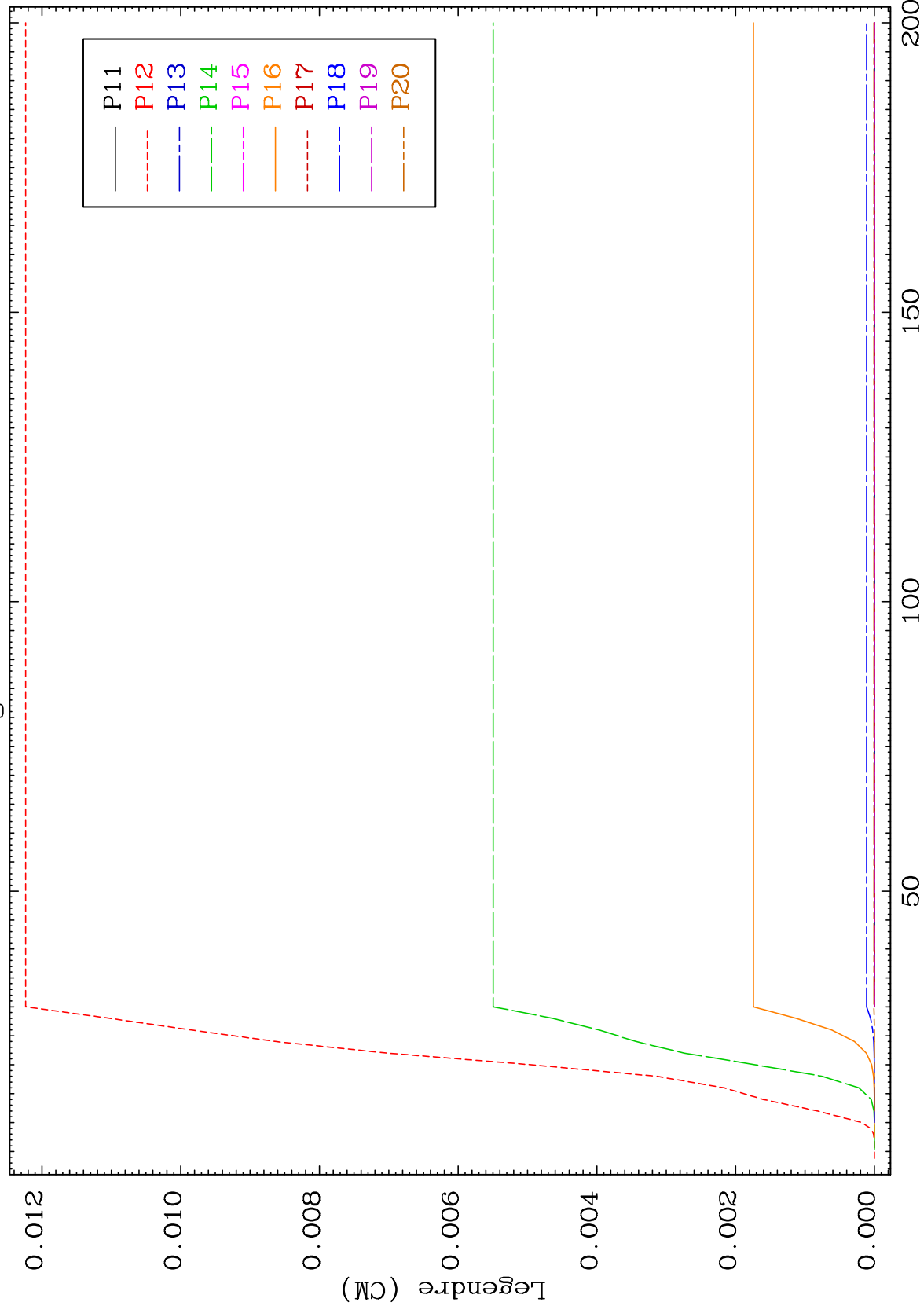




MAT 3843

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

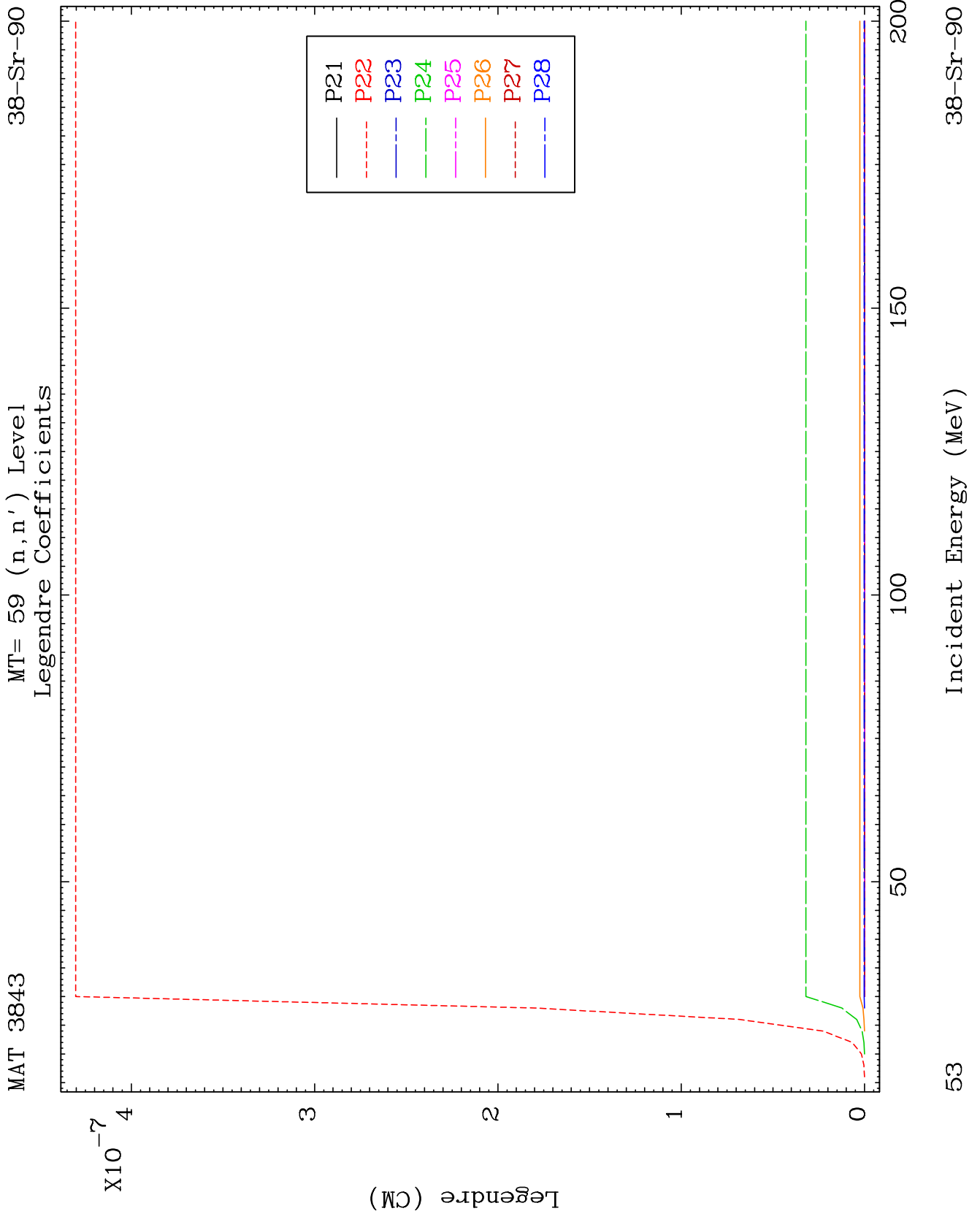
38-Sr-90



52

Incident Energy (MeV)

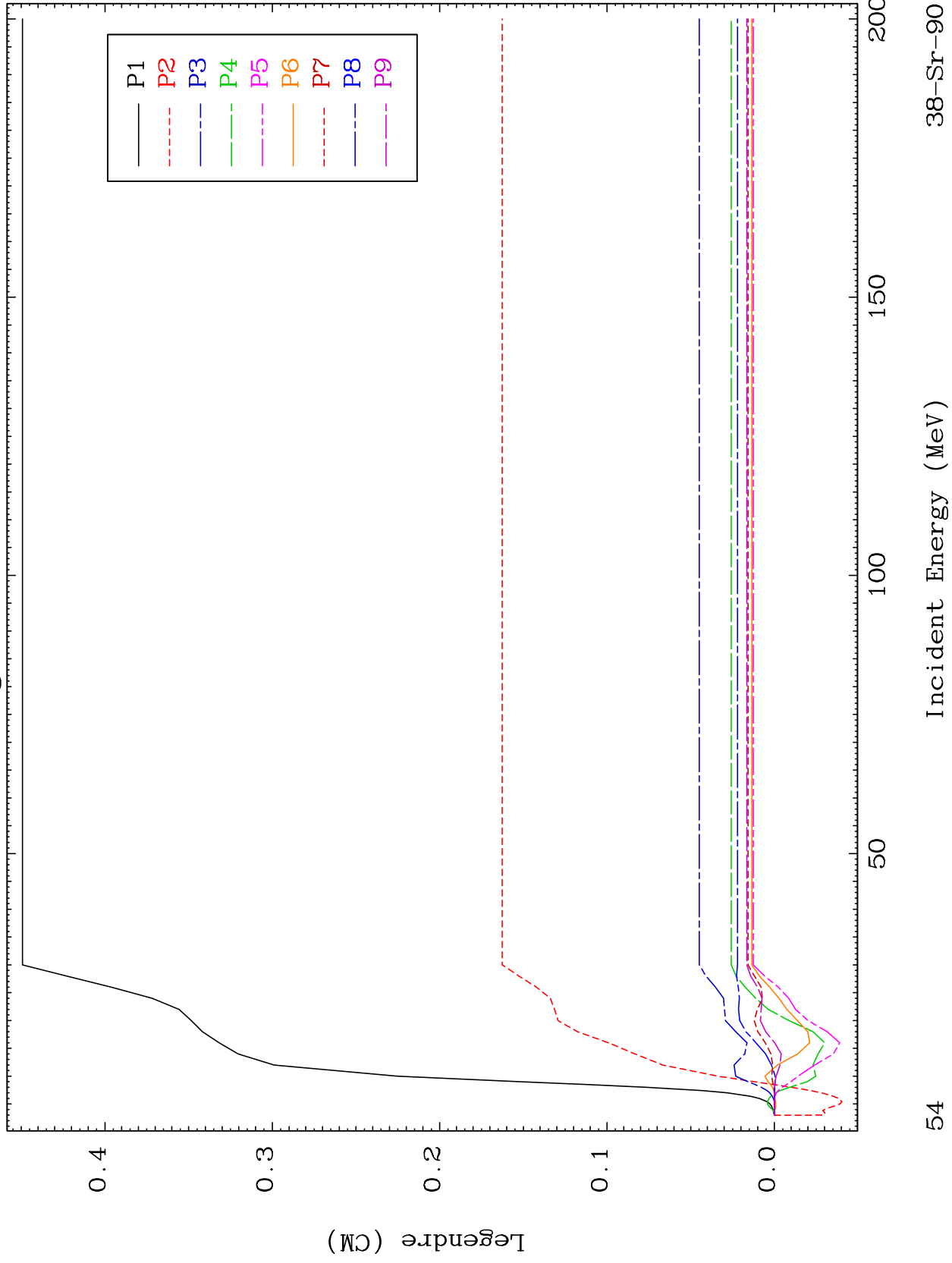
38-Sr-90



MAT 3843

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

38-Sr-90



54

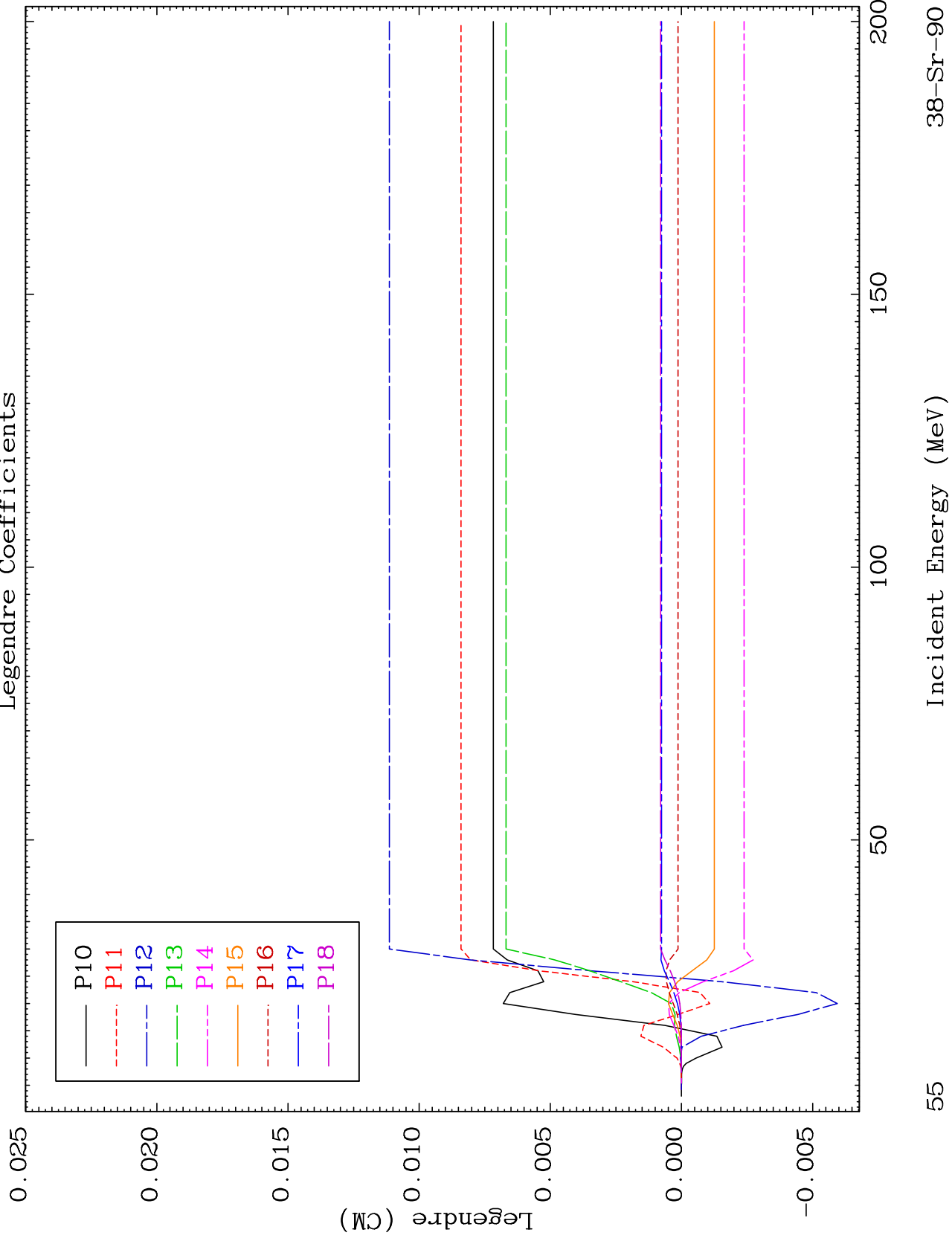
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



55

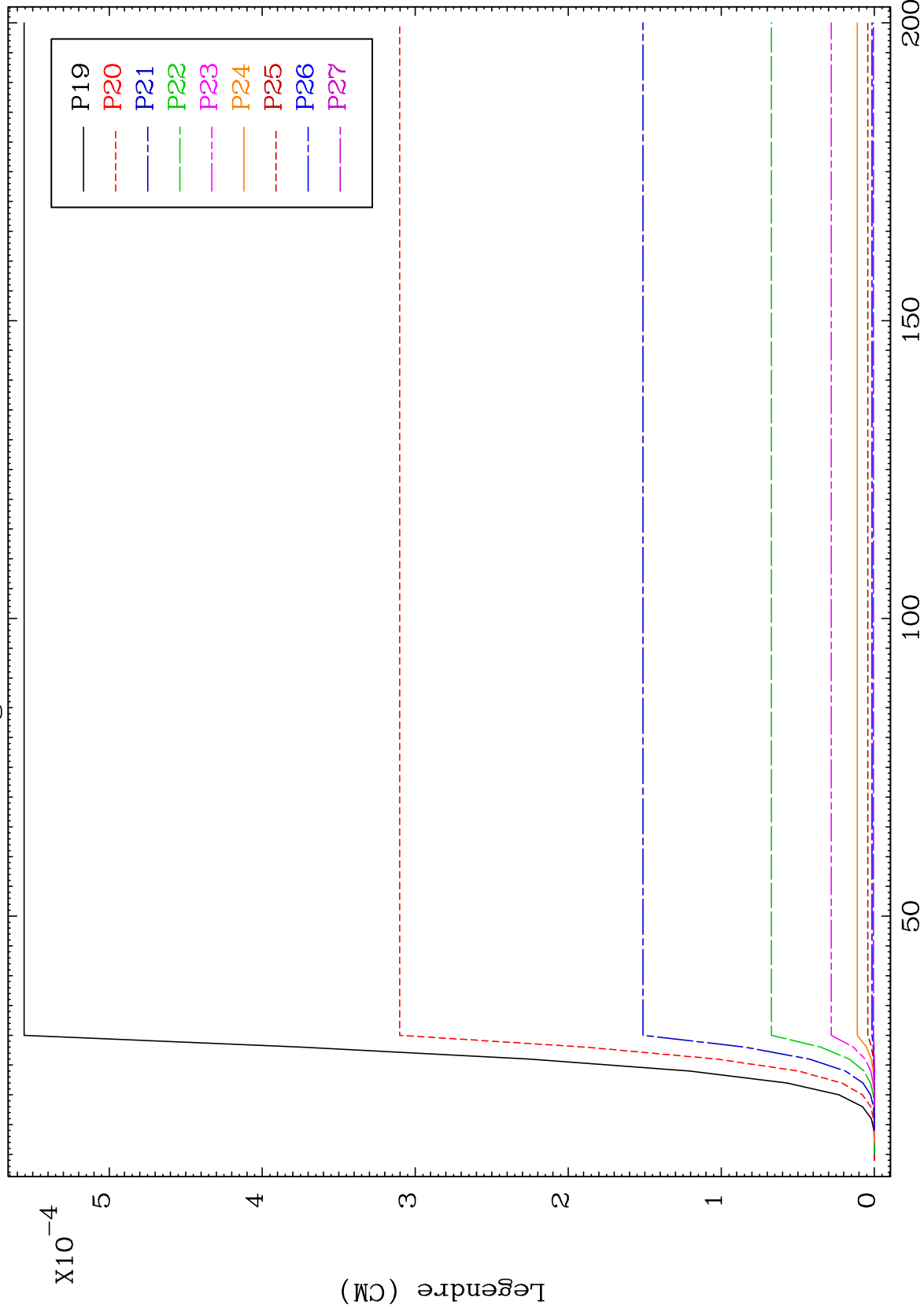
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



56

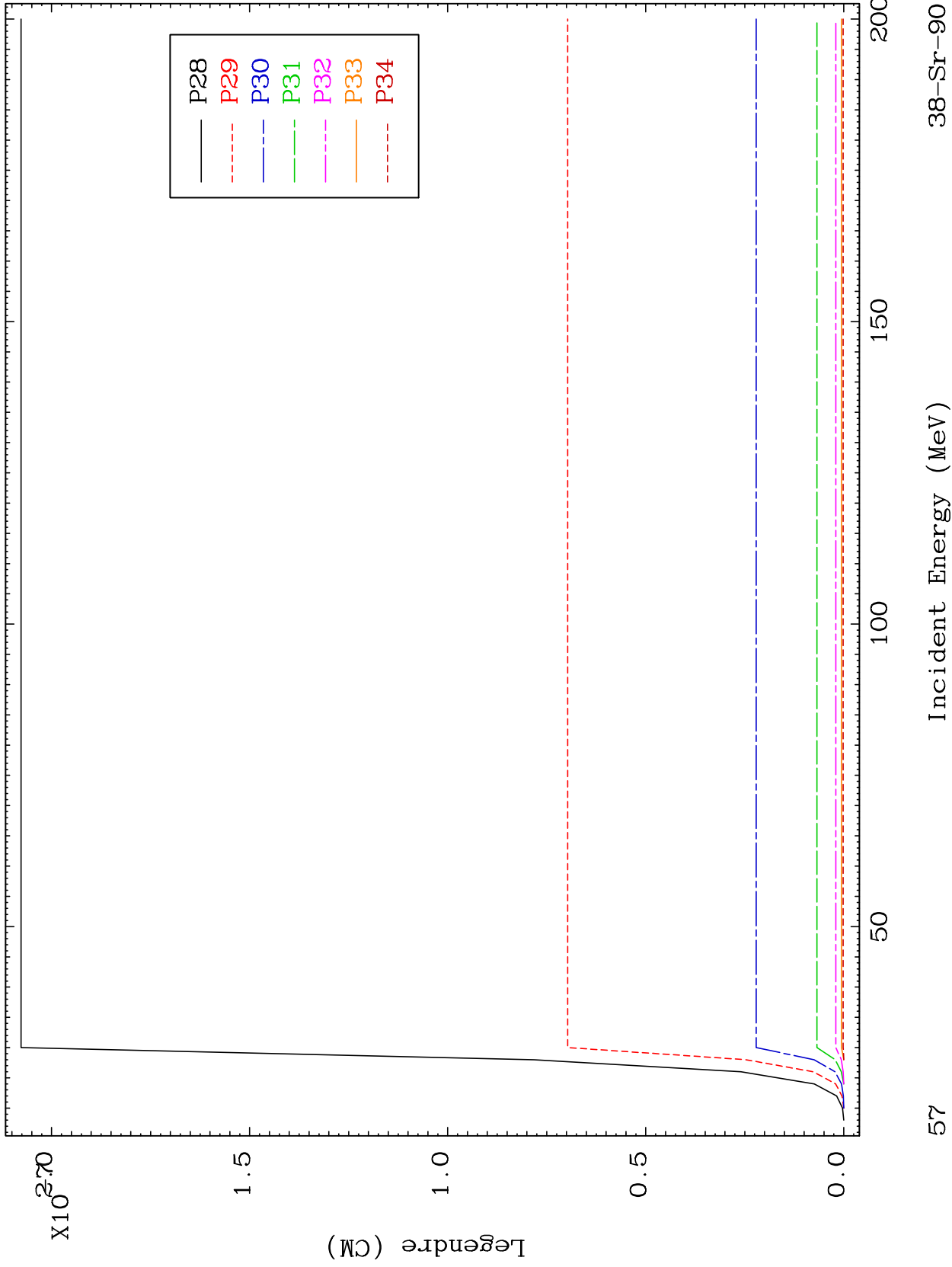
Incident Energy (MeV)

38-Sr-90

MAT 3843

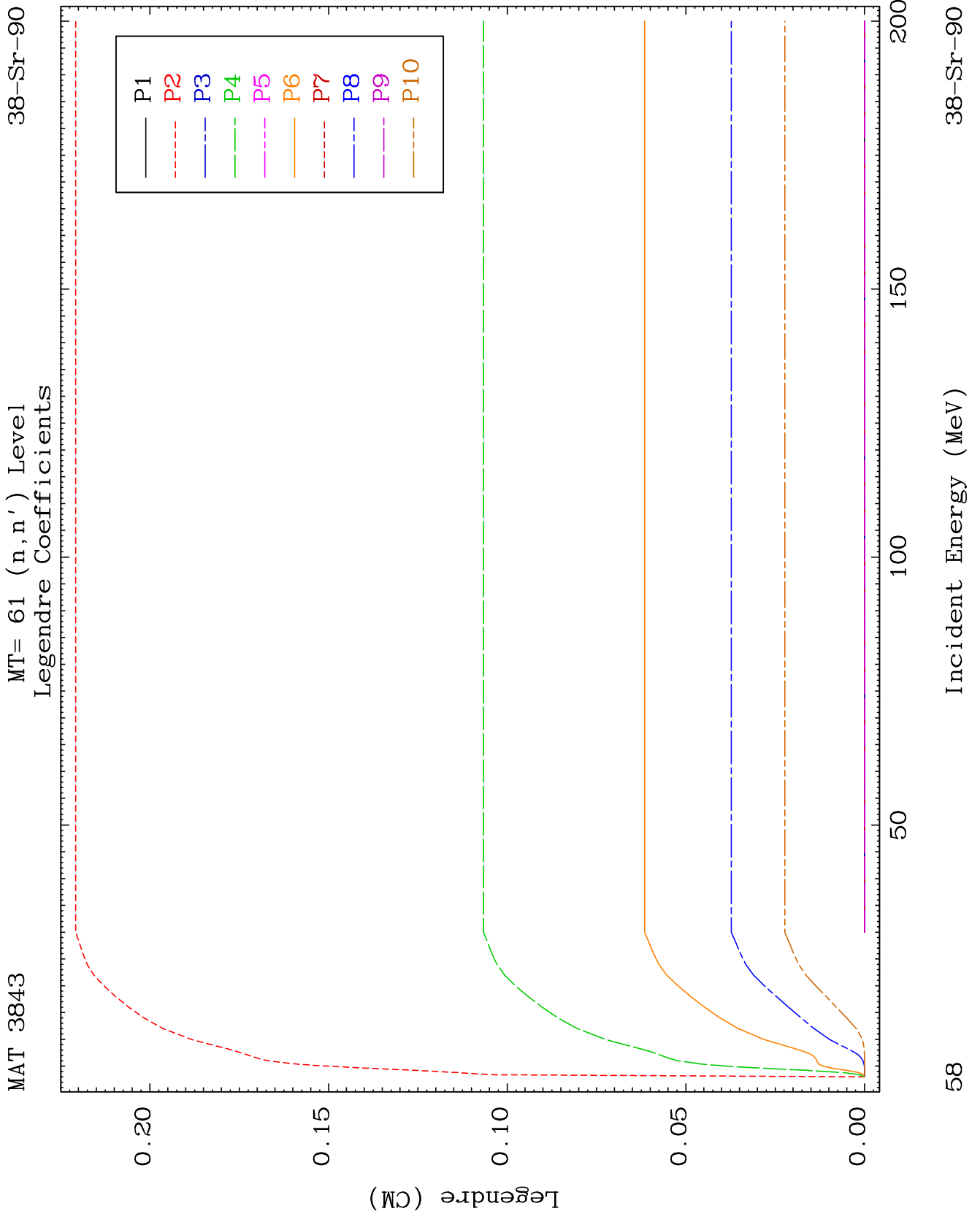
MT= 60 (n,n') Level
Legendre Coefficients

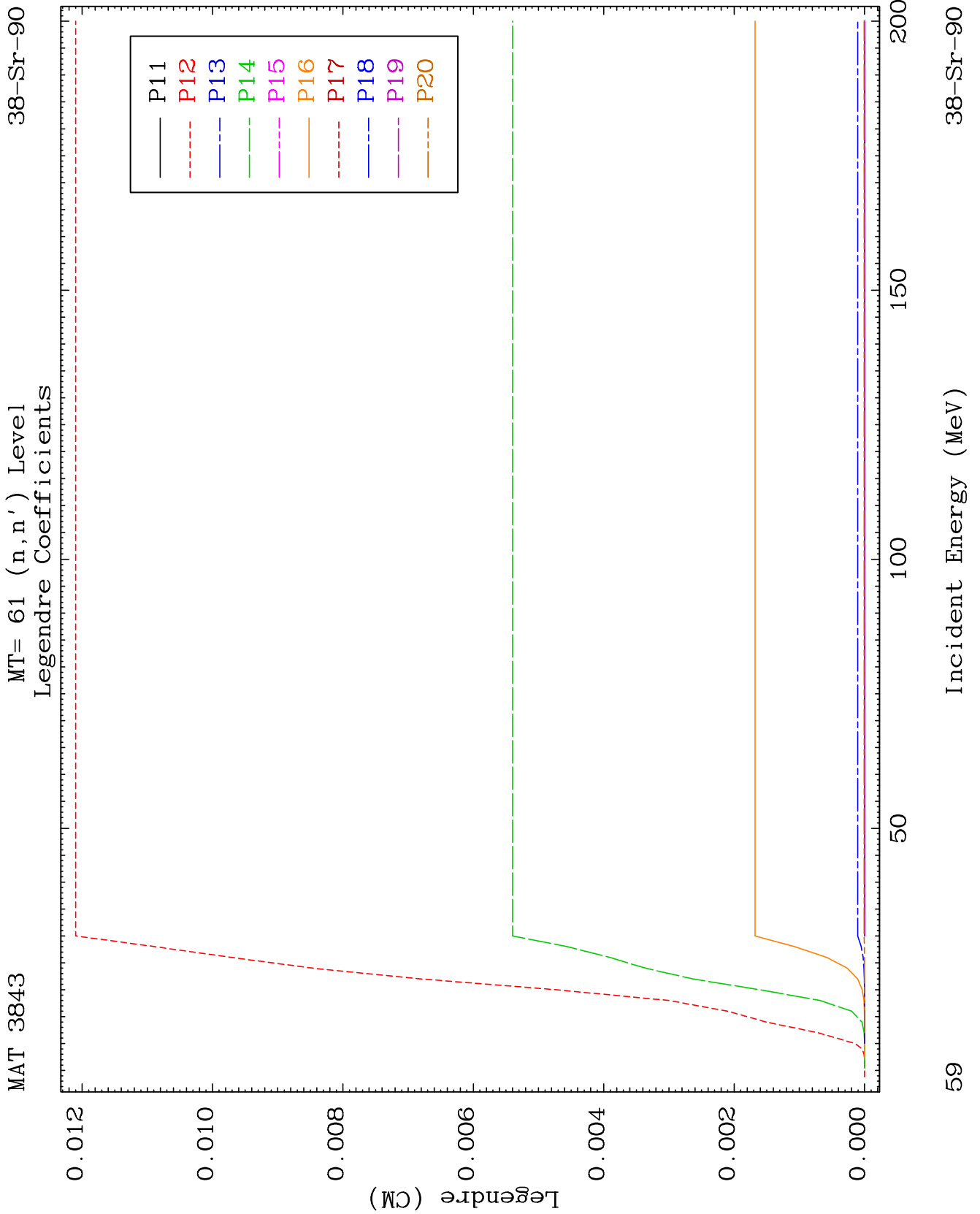
38-Sr-90

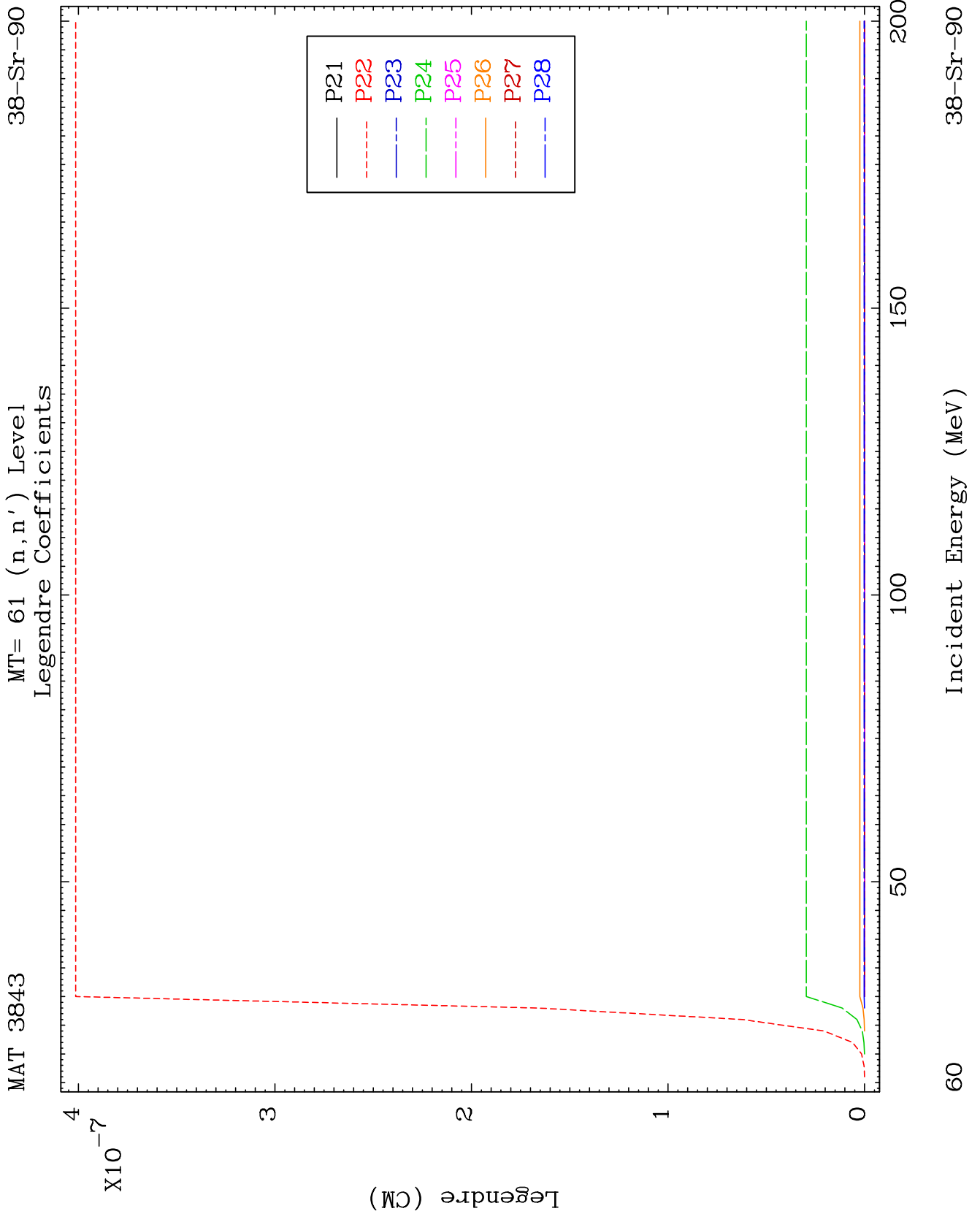


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38-Sr-90



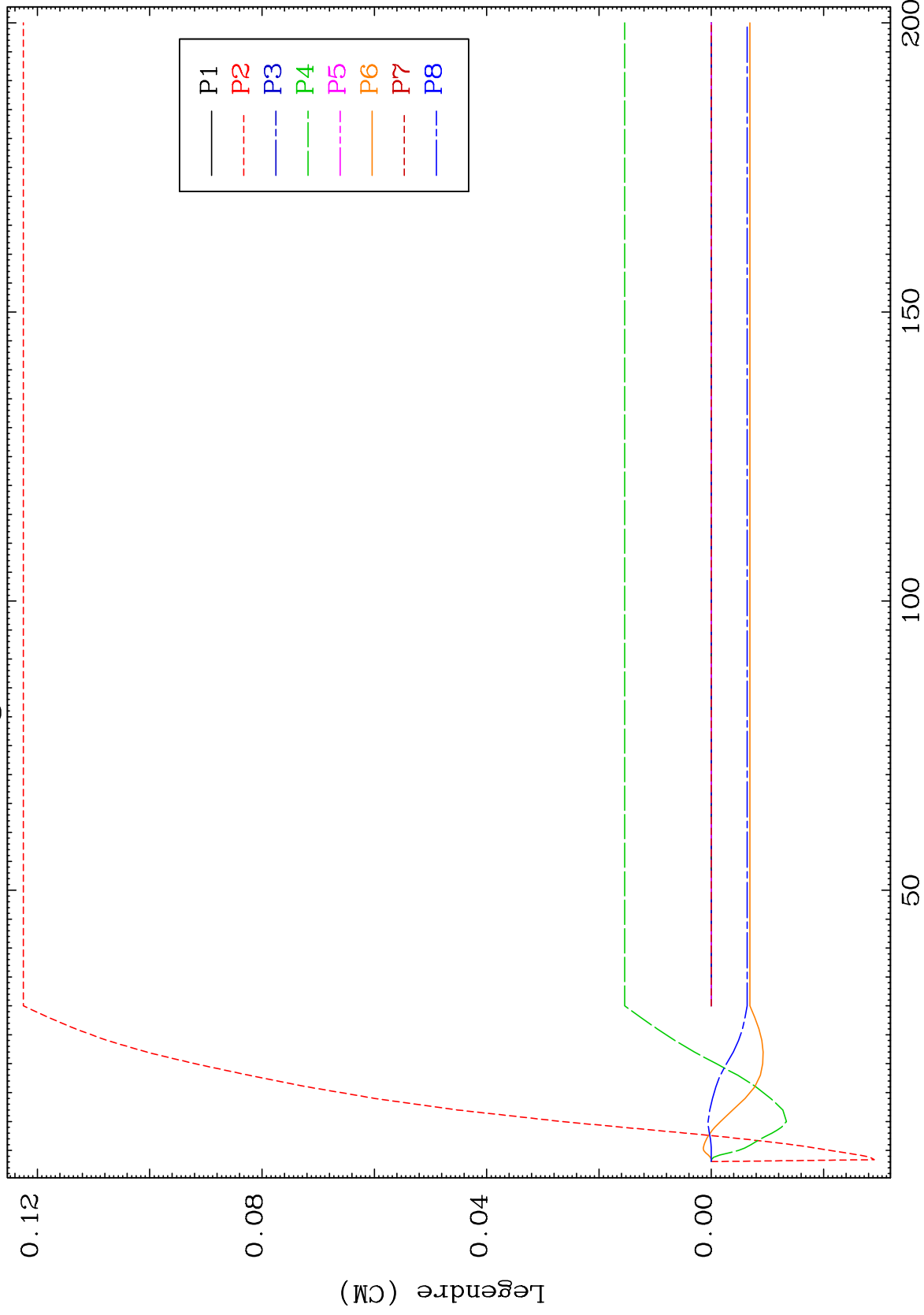




MAT 3843

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

38-Sr-90



61

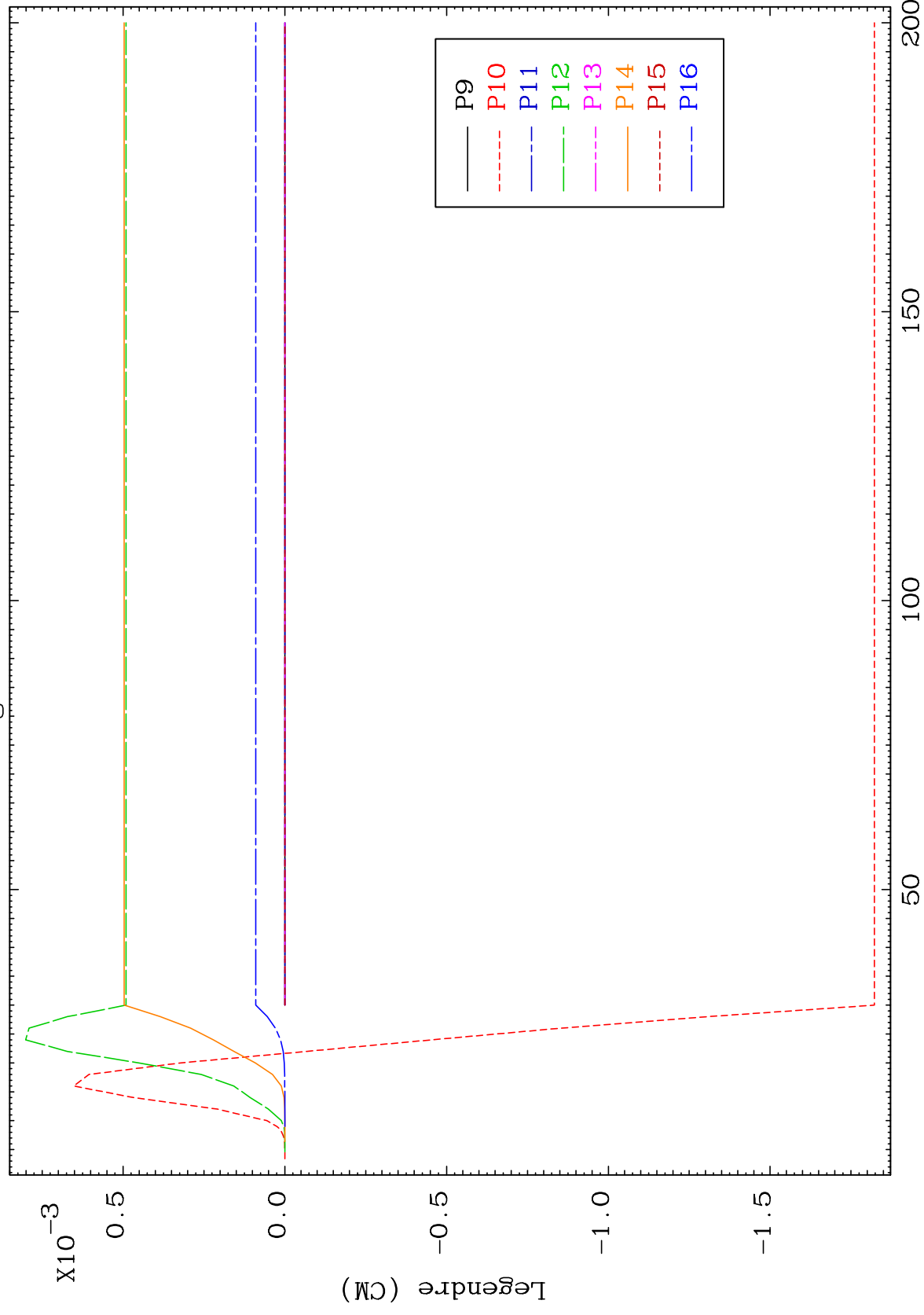
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

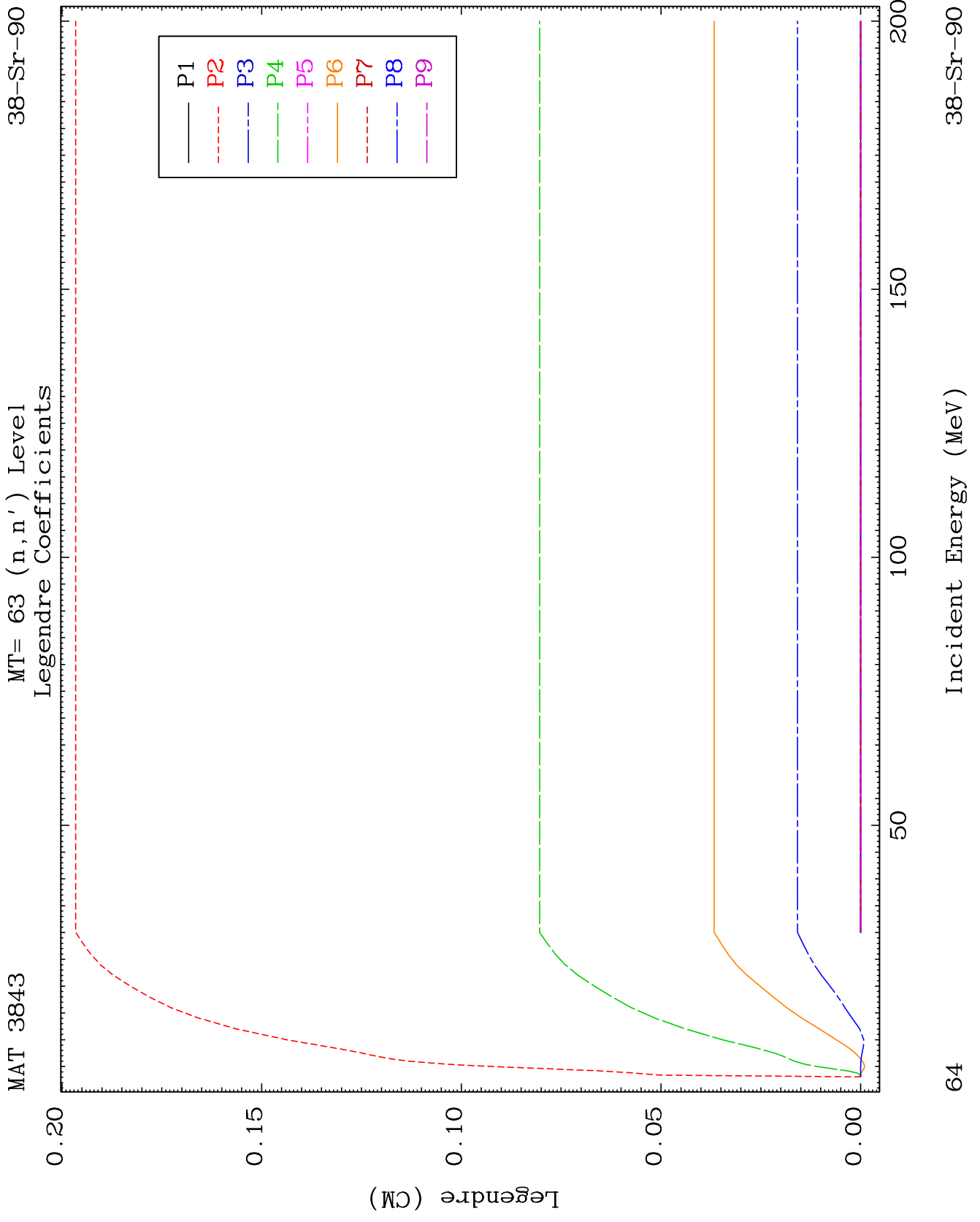
38-Sr-90



62

Incident Energy (MeV)

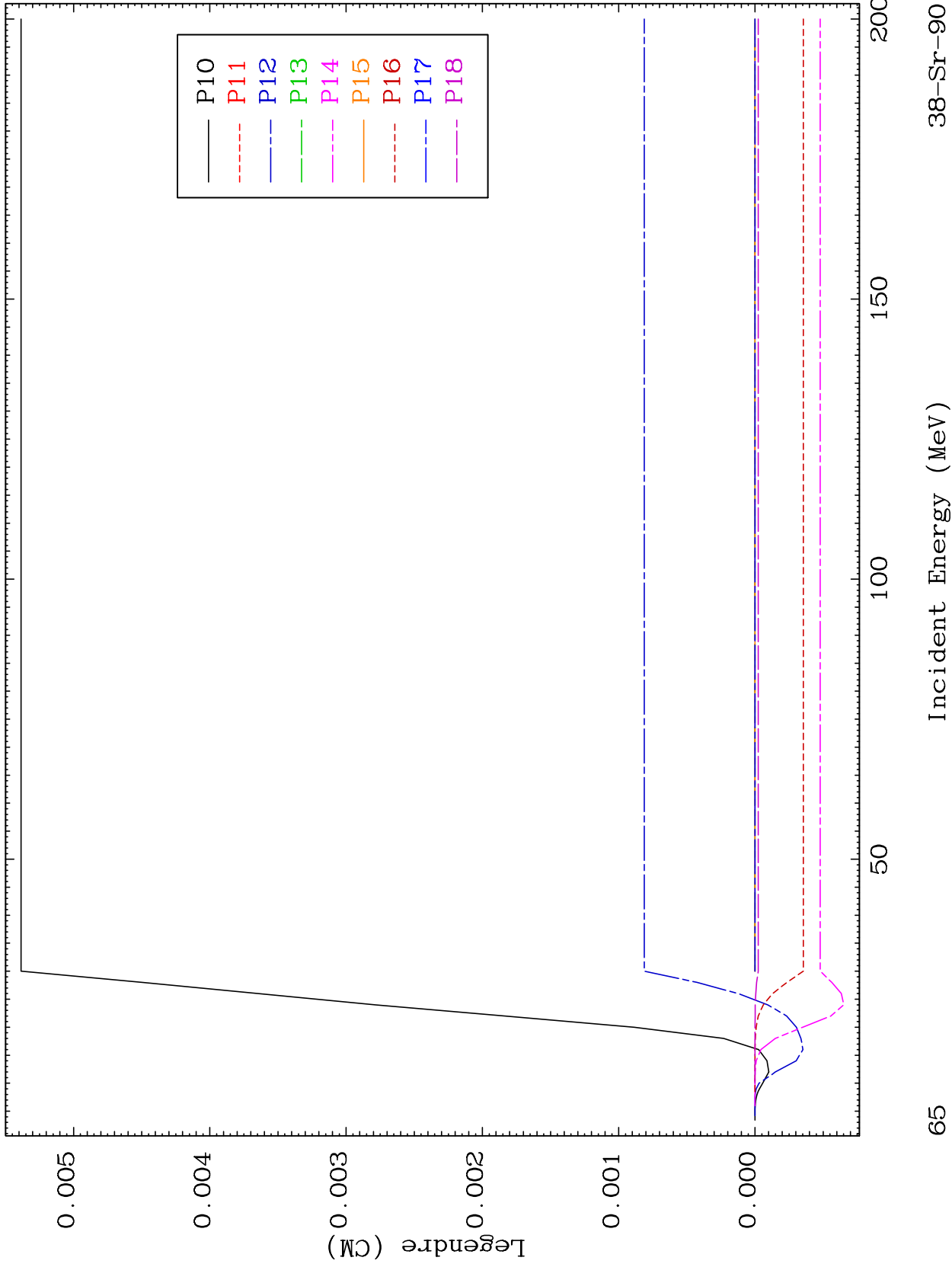
38-Sr-90



MAT 3843

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

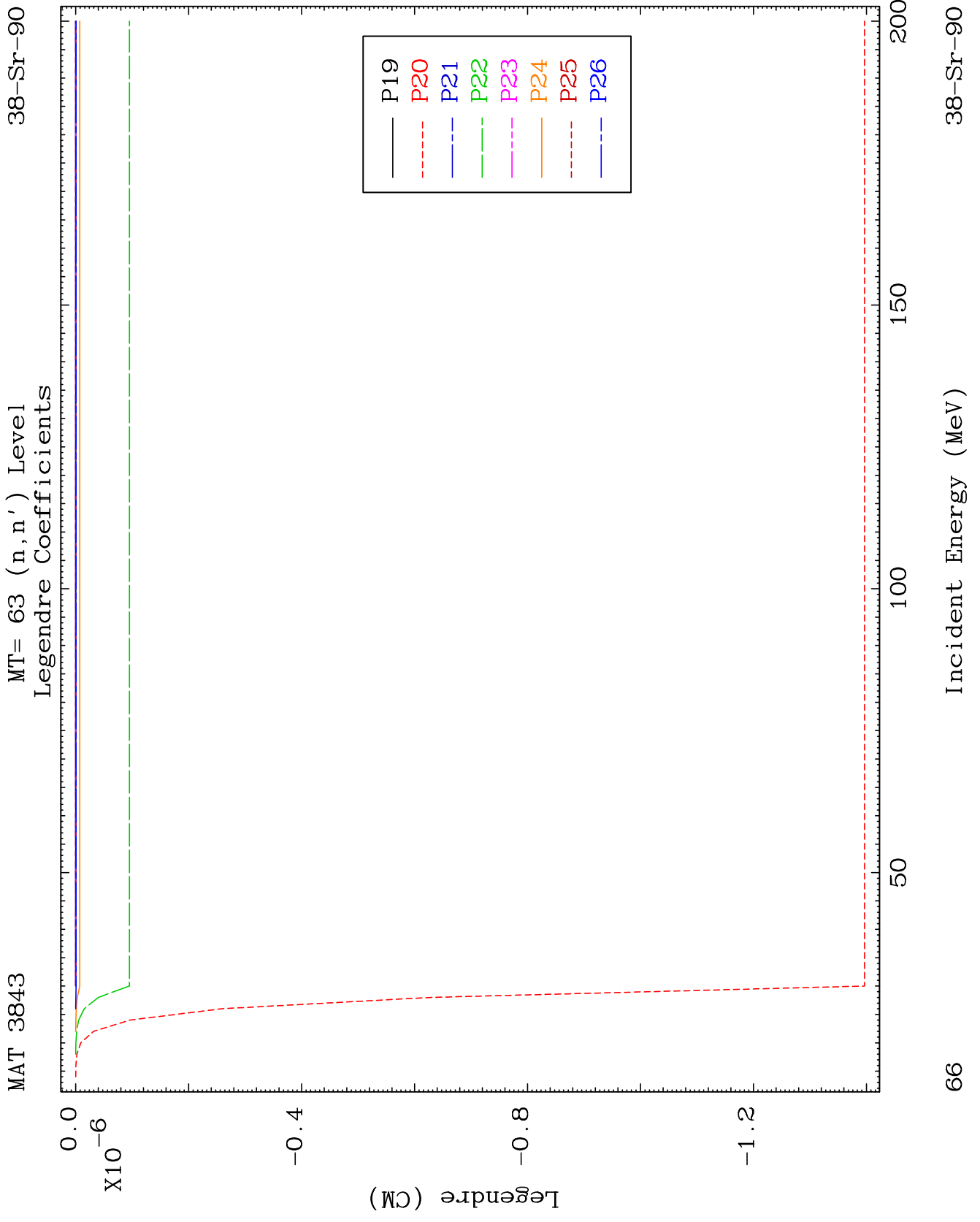
38-Sr-90



65

Incident Energy (MeV)

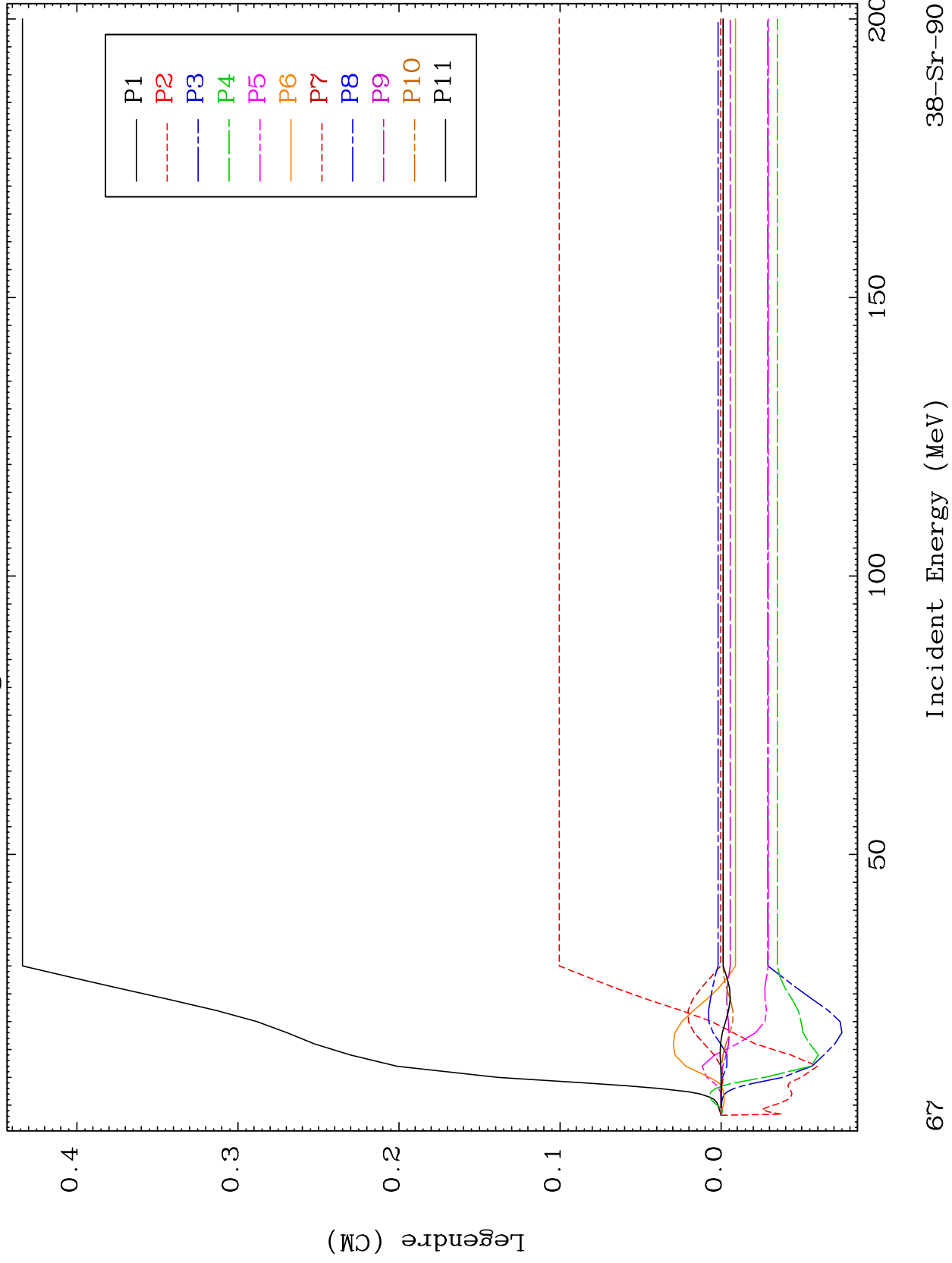
38-Sr-90



MAT 3843

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

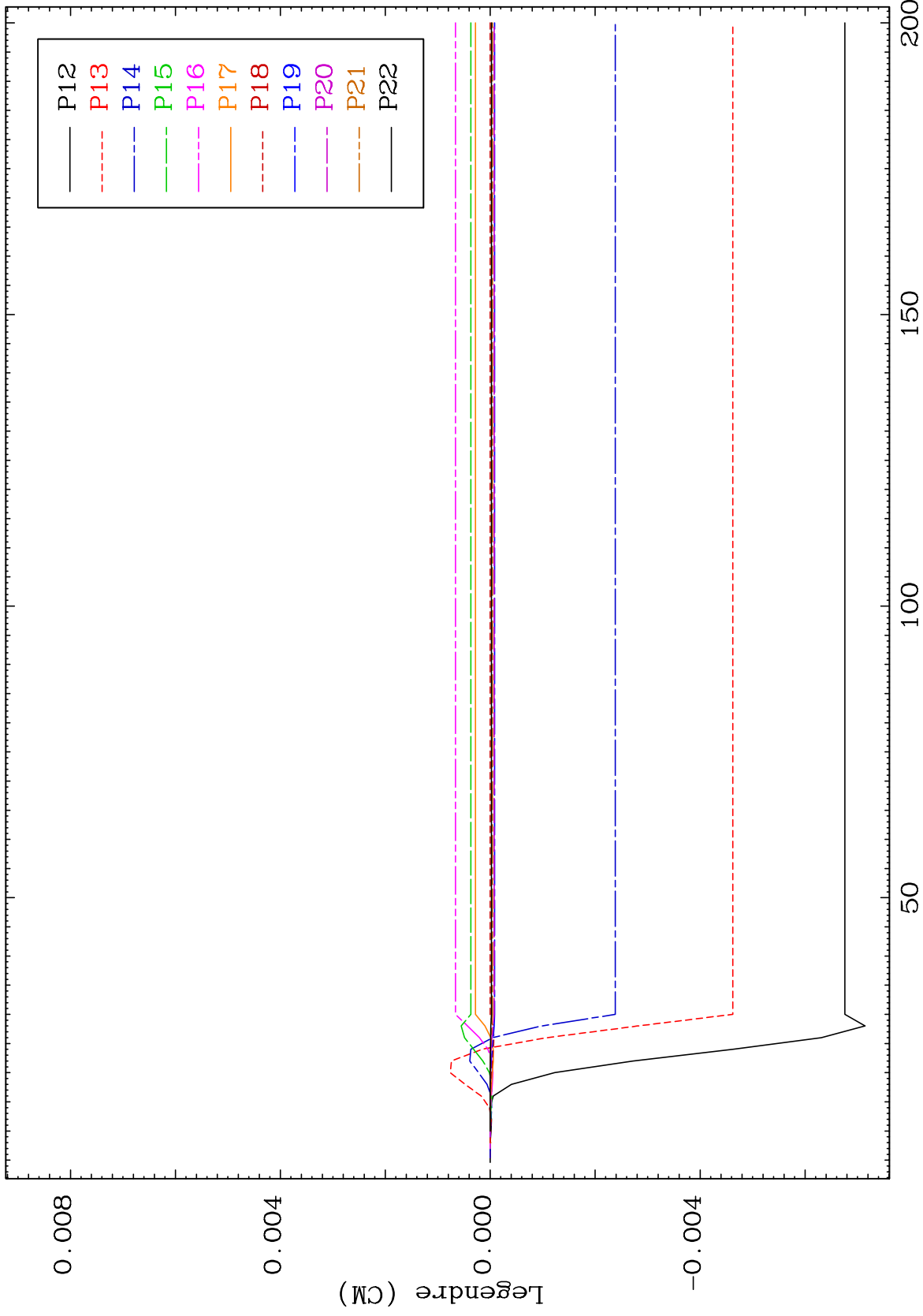
38-Sr-90



MAT 3843

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

38-Sr-90



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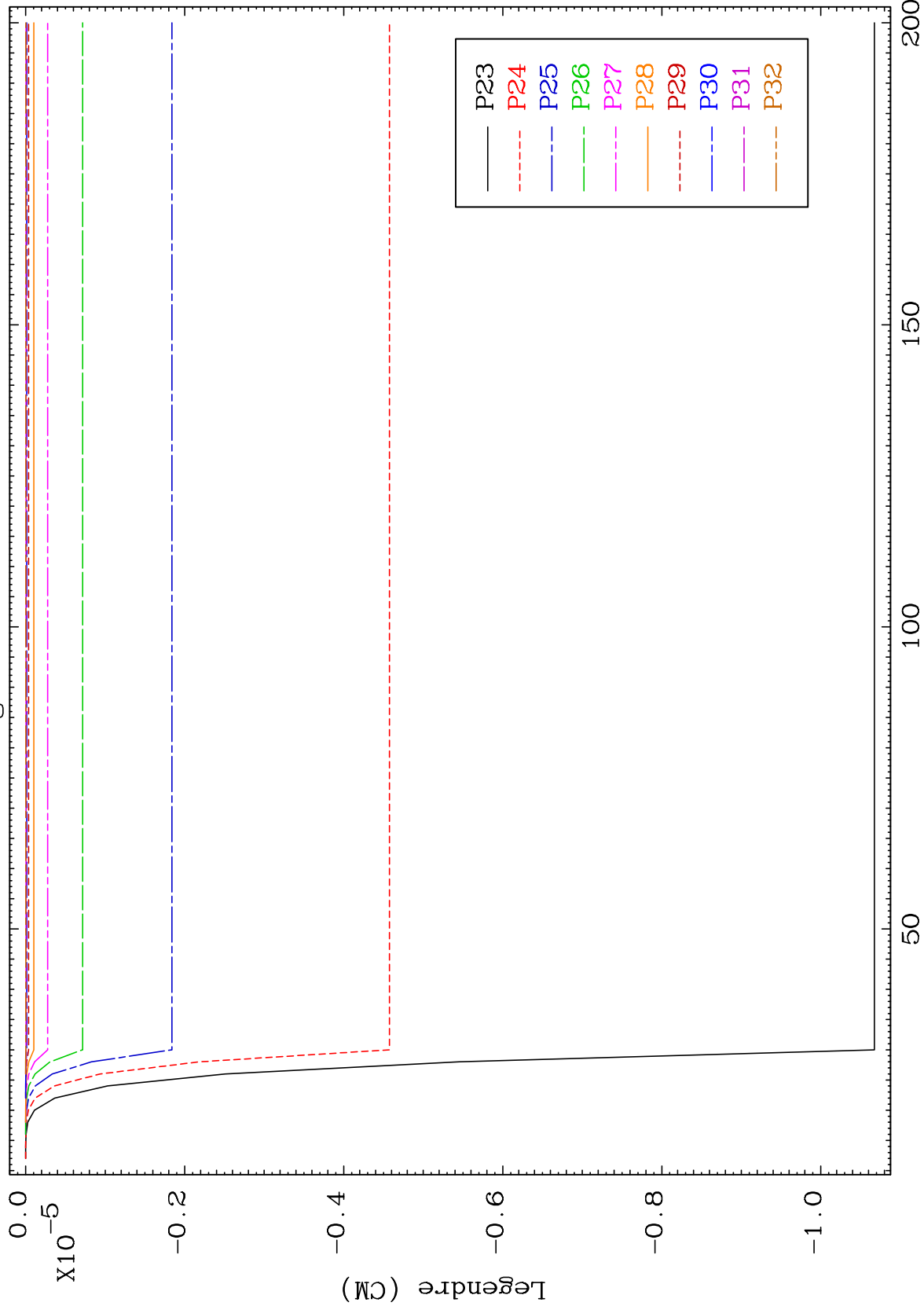
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



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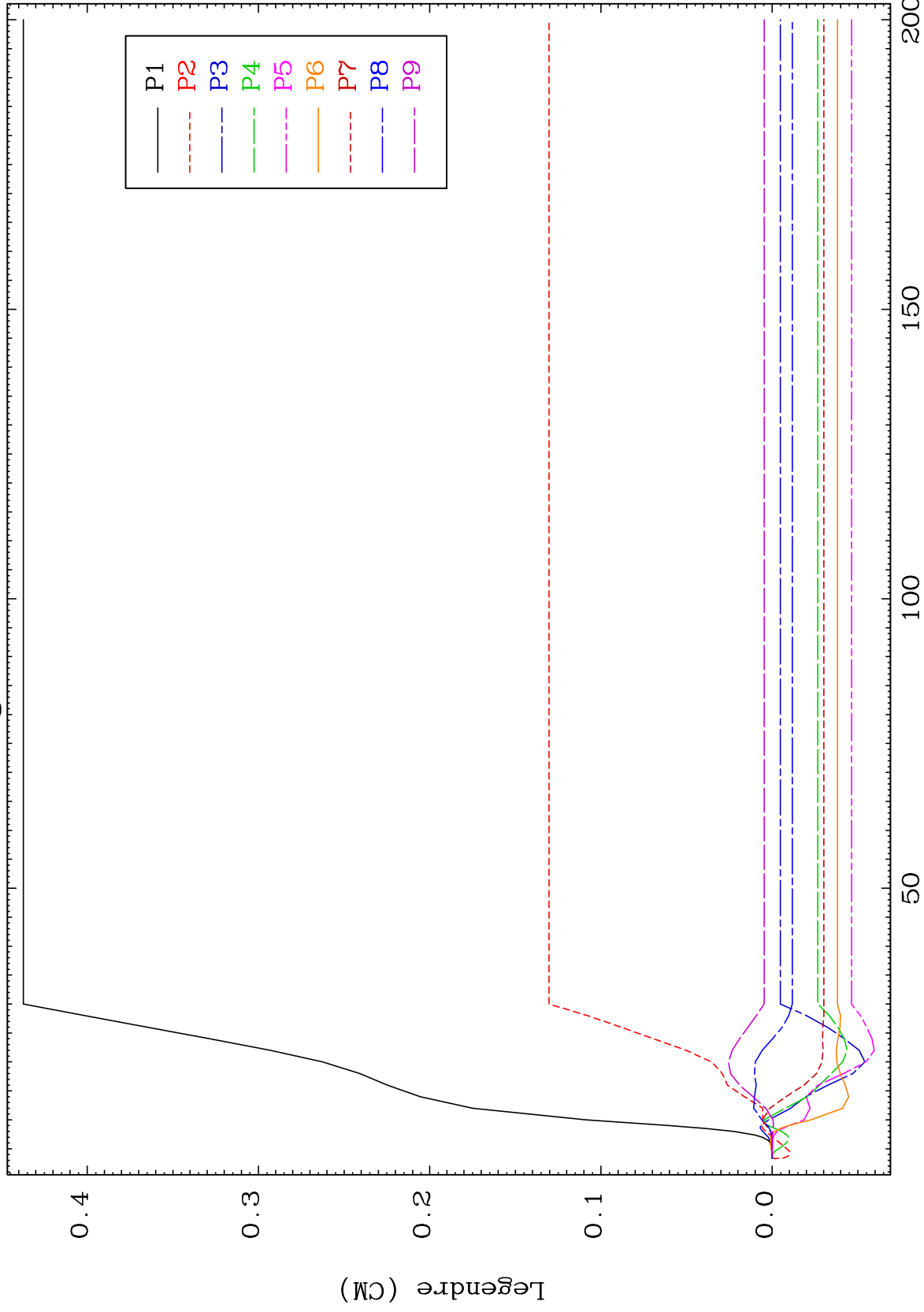
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



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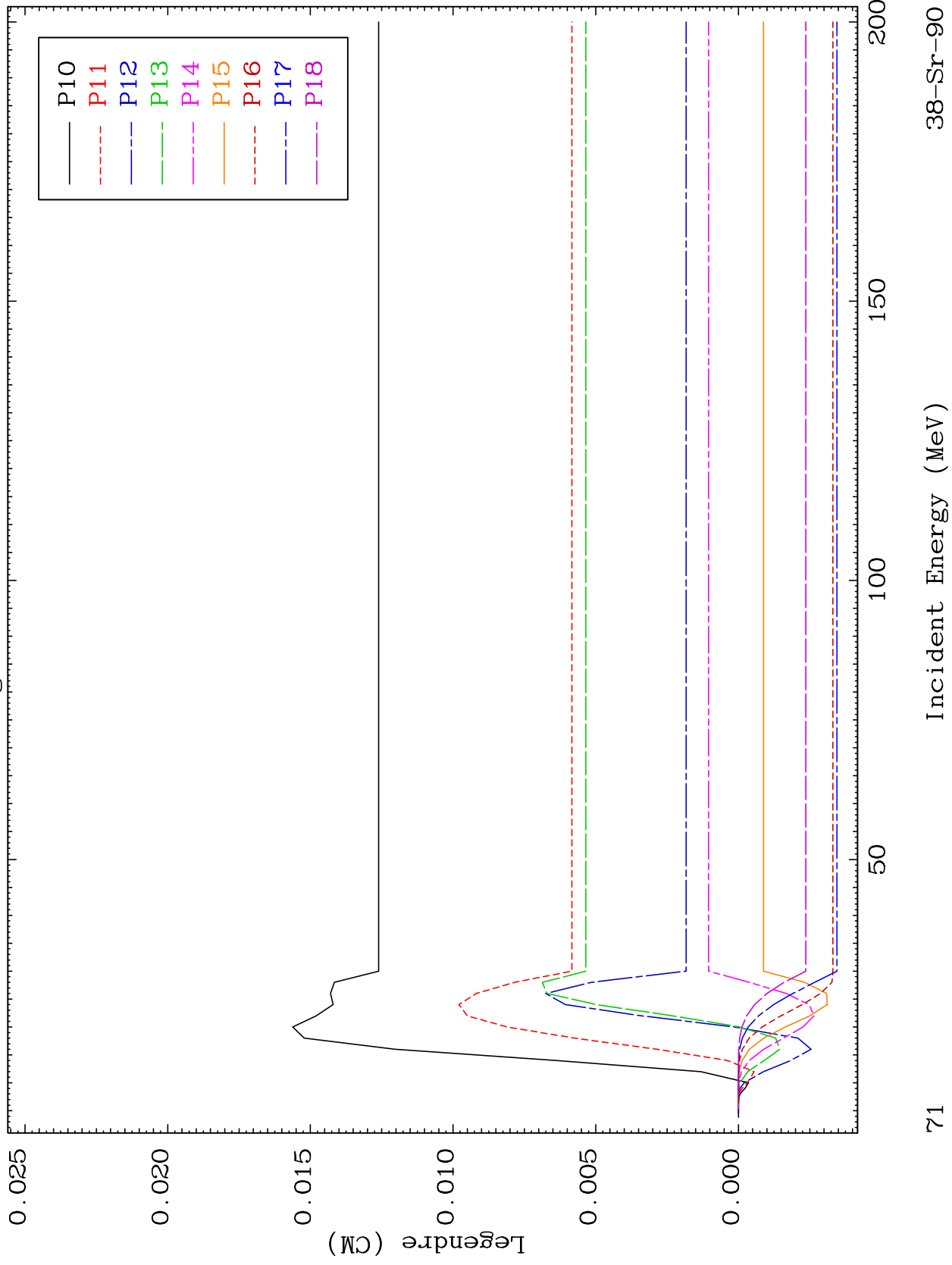
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

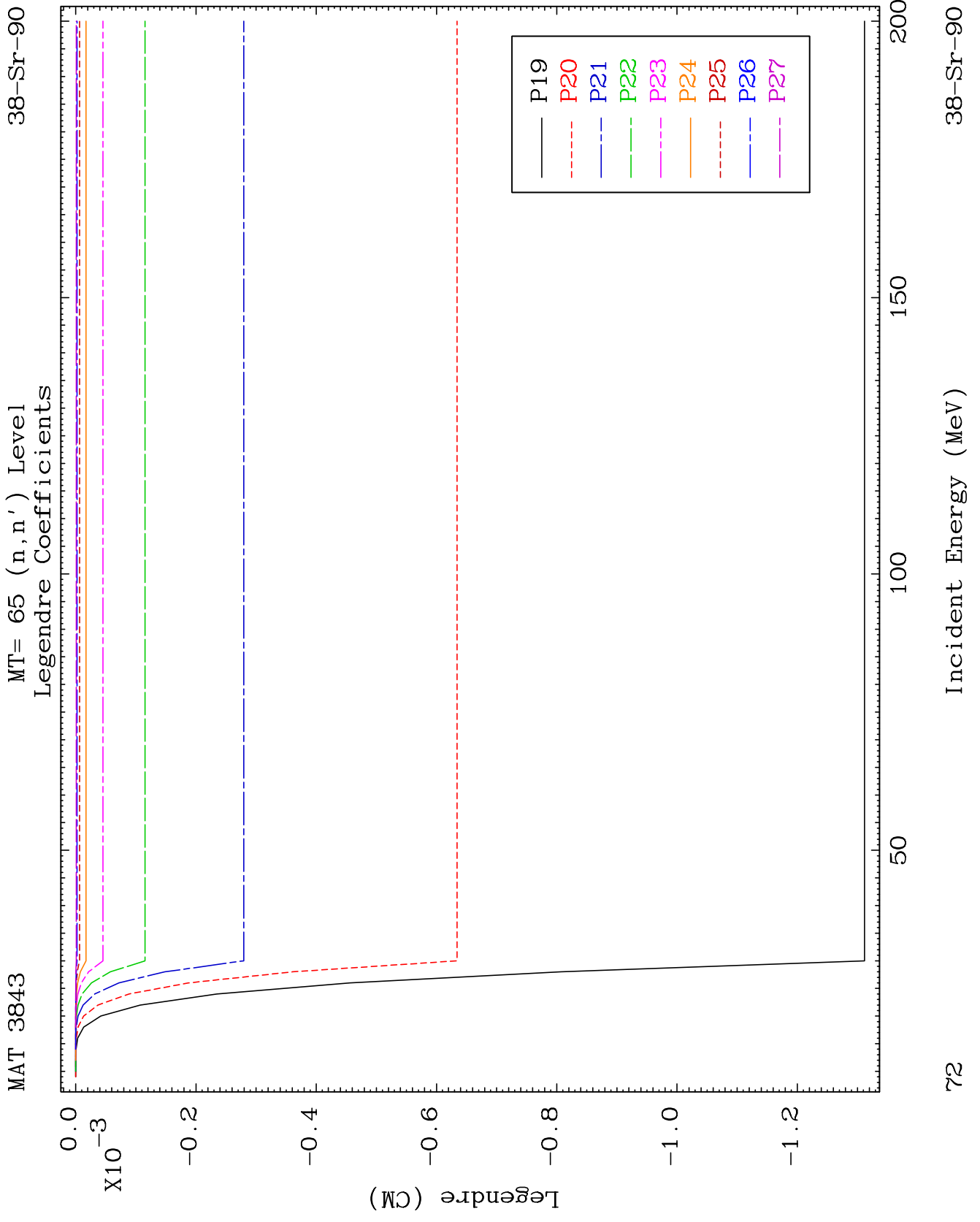
38-Sr-90

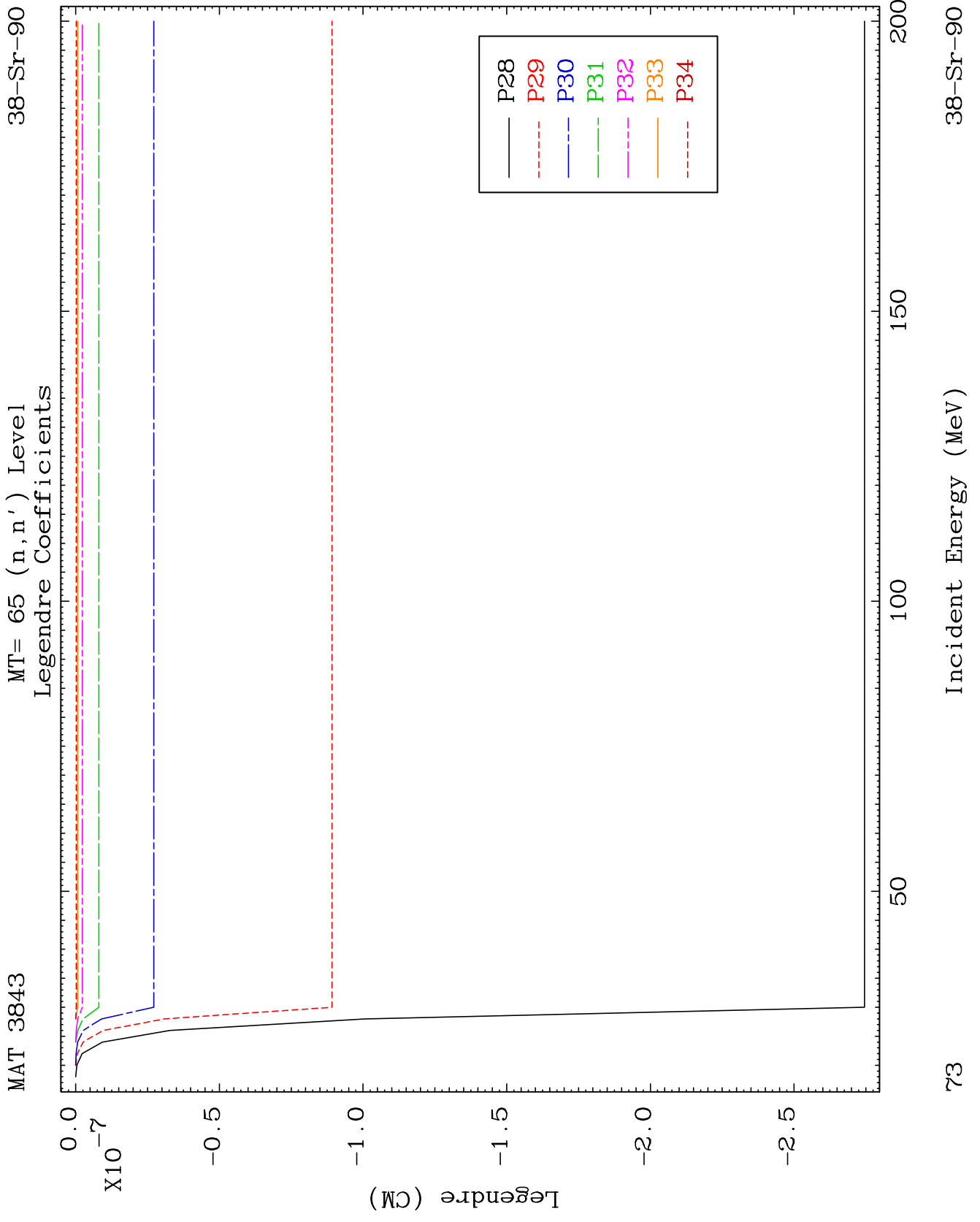


71

Incident Energy (MeV)

38-Sr-90

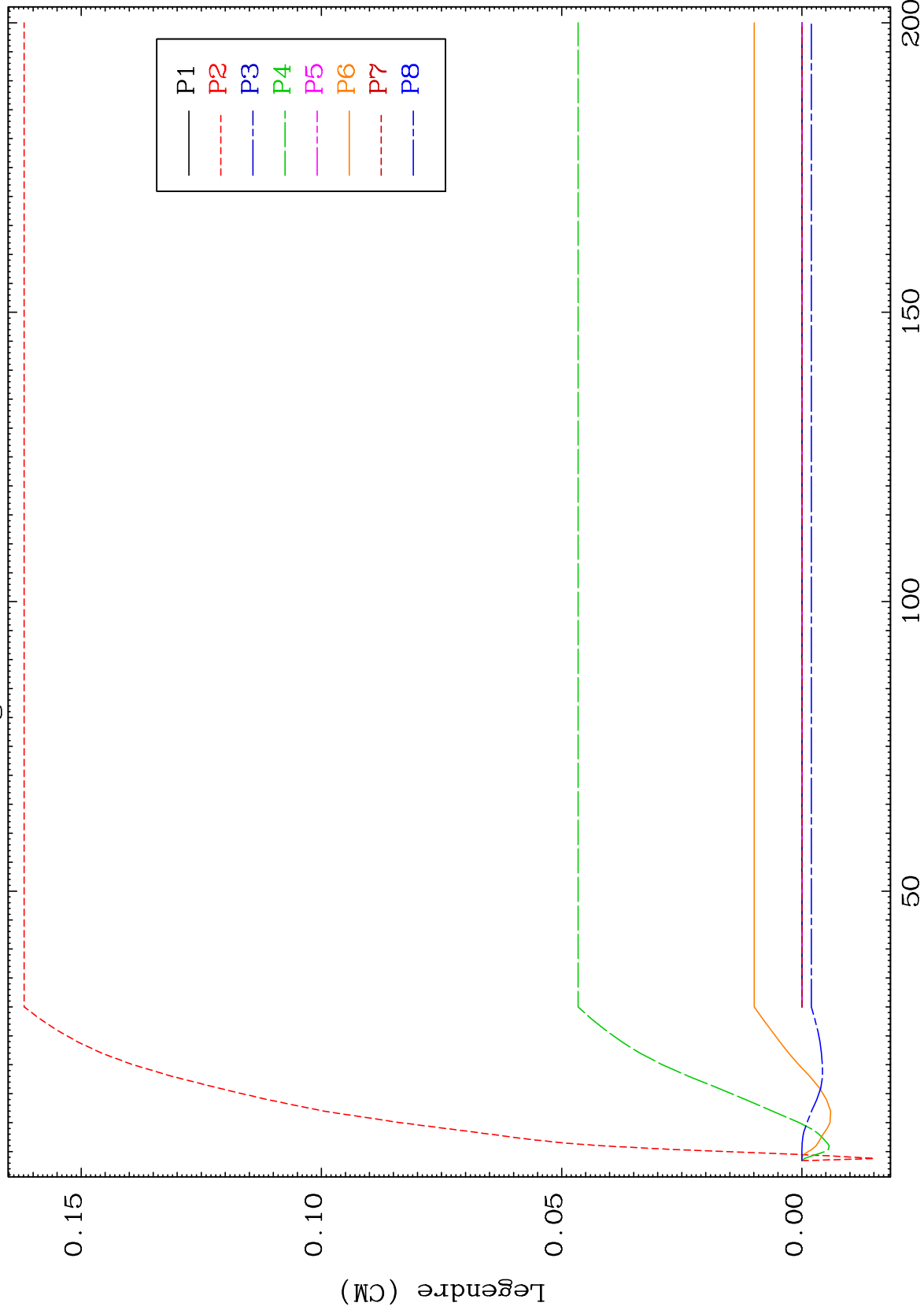




MAT 3843

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

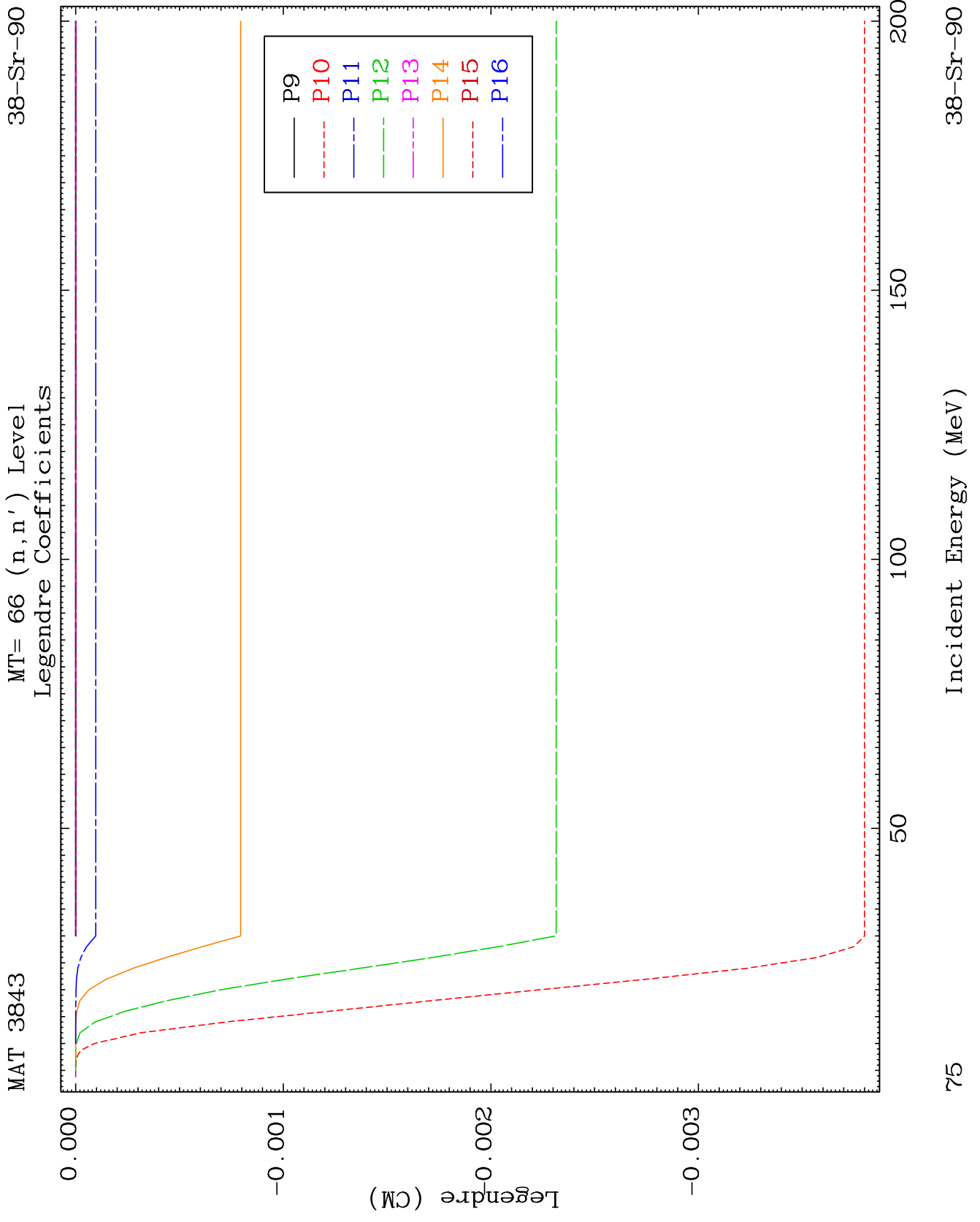
38-Sr-90



74

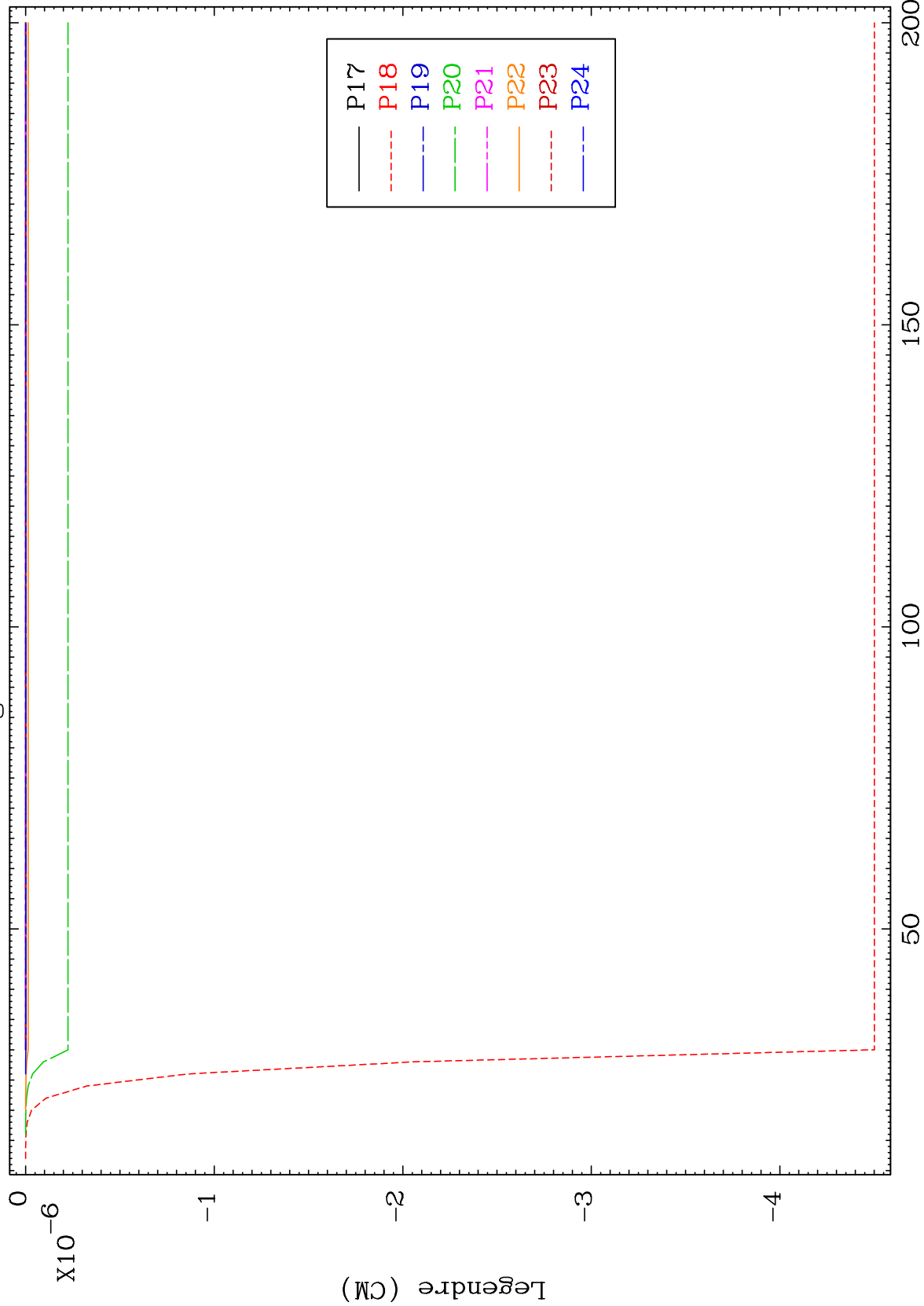
Incident Energy (MeV)

38-Sr-90



MAT 3843 MT= 66 (n,n') Level 38-Sr-90

Legendre Coefficients

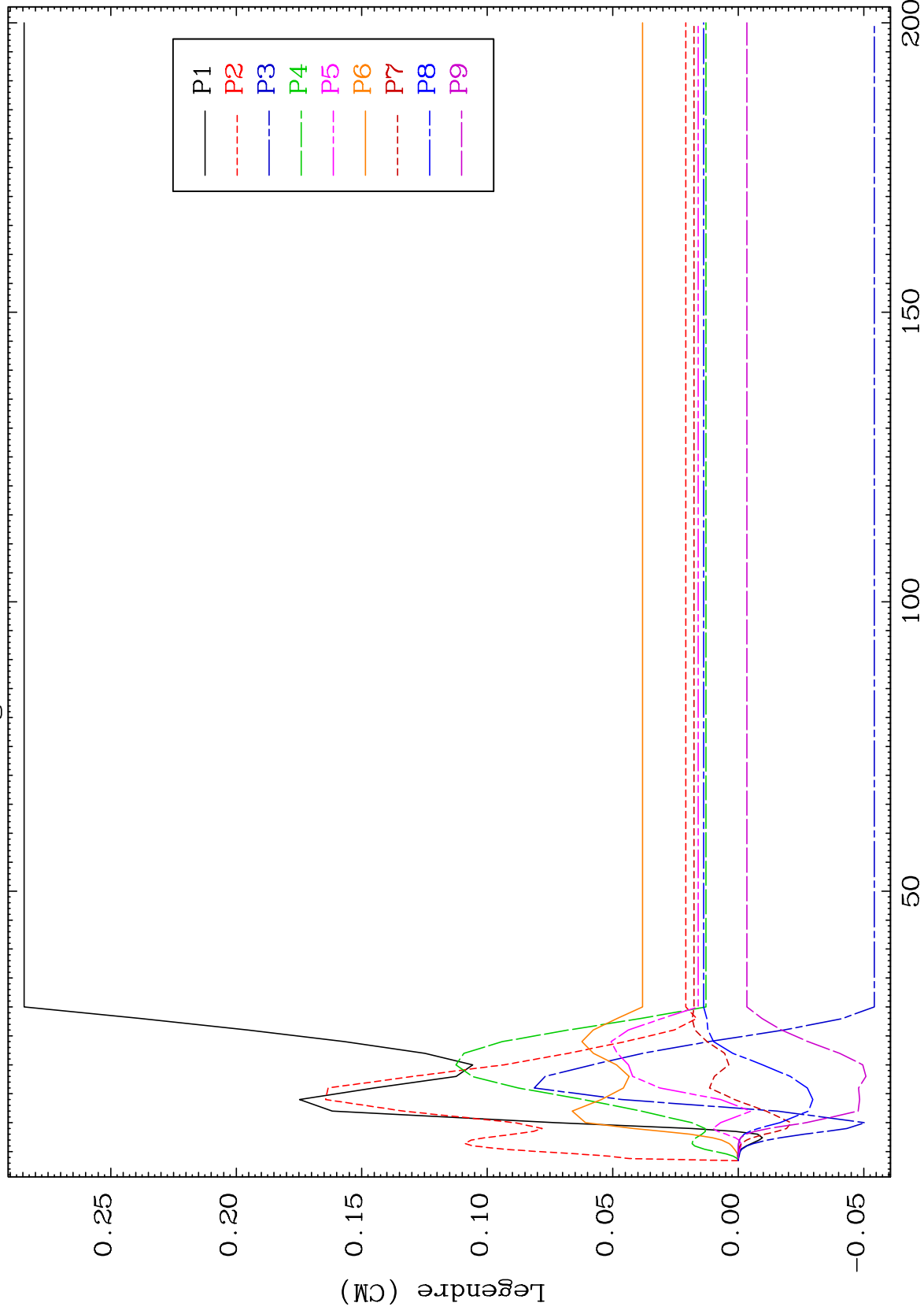


76 Incident Energy (MeV) 38-Sr-90

MAT 3843

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

38-Sr-90



77

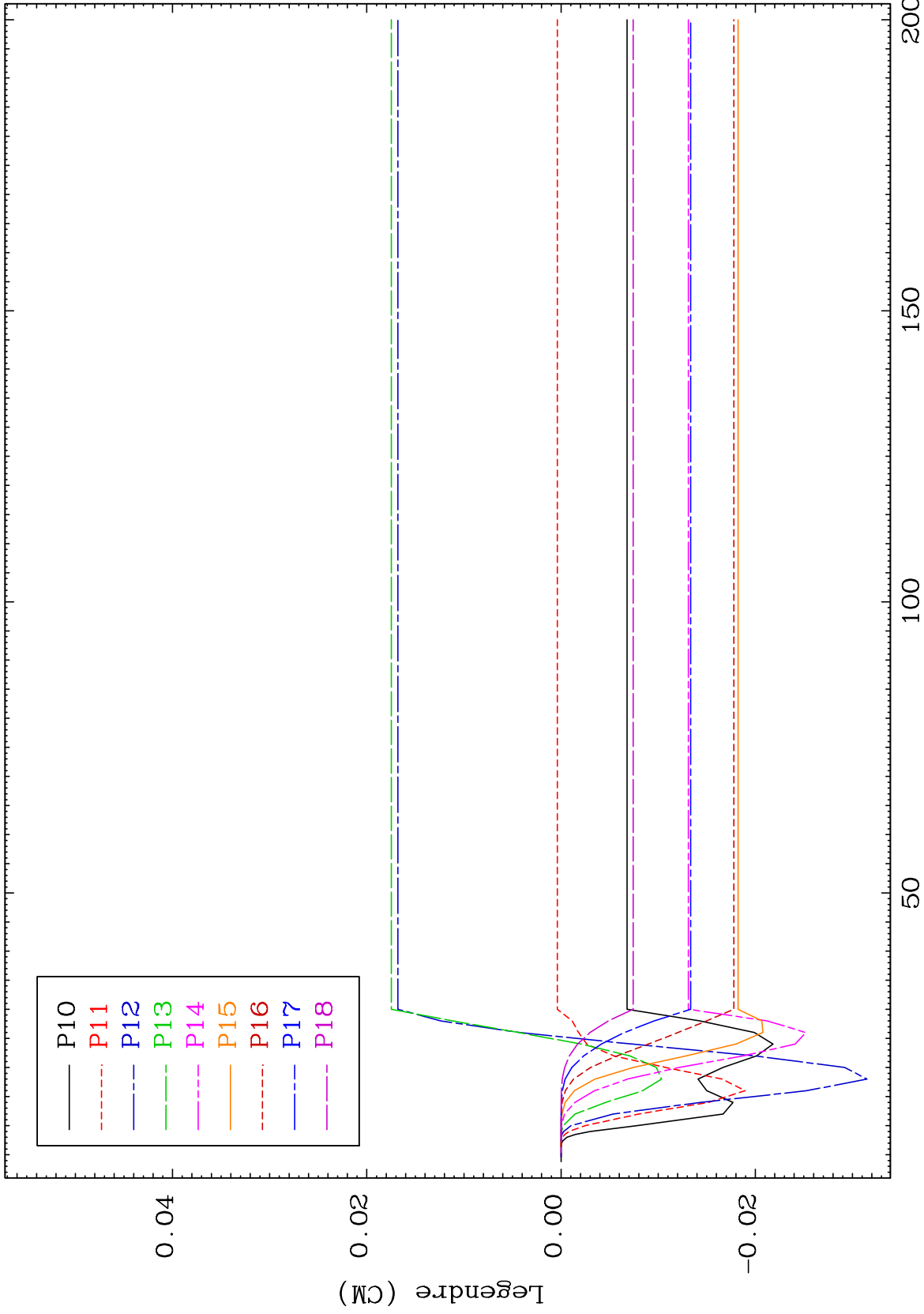
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



78

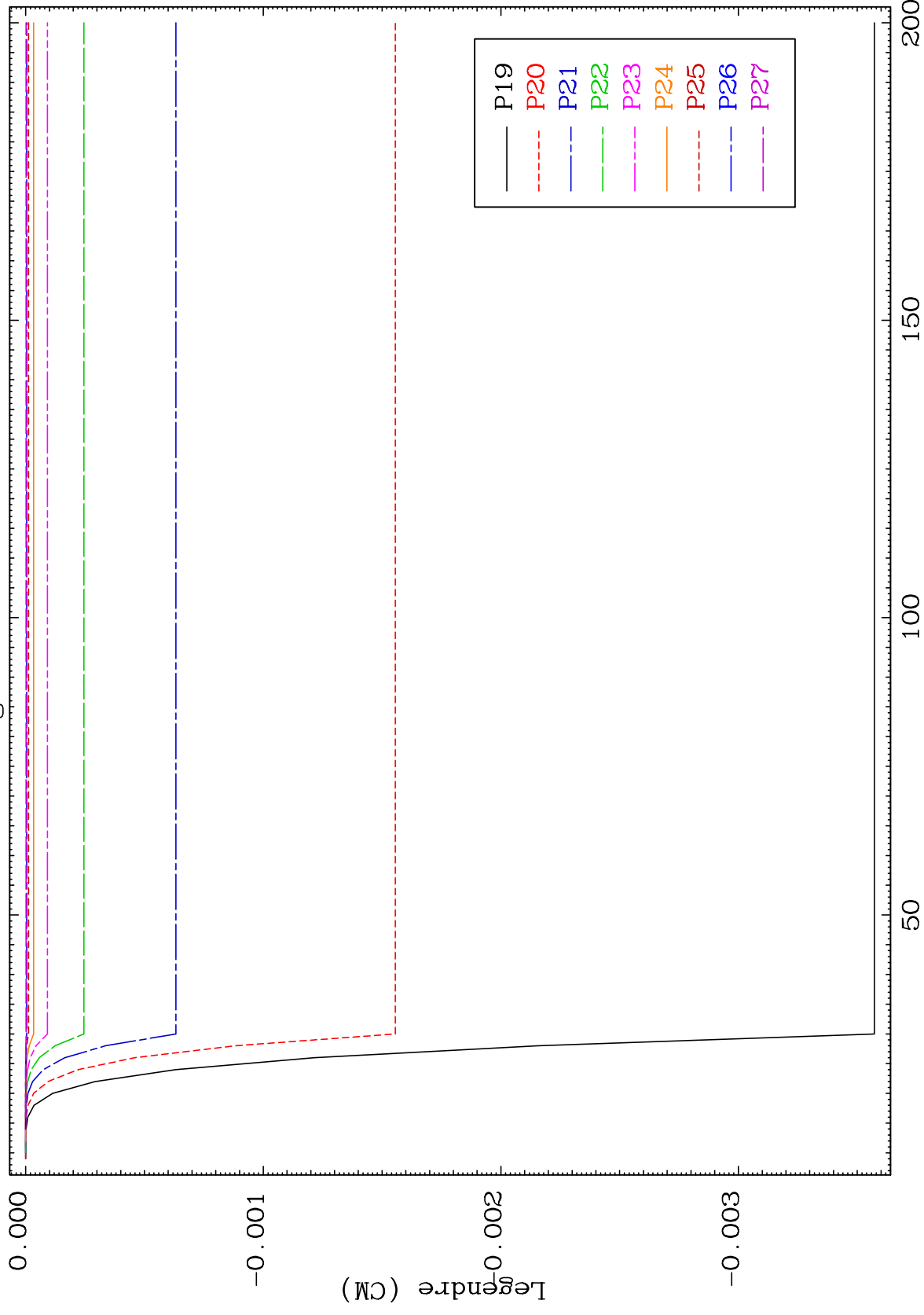
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

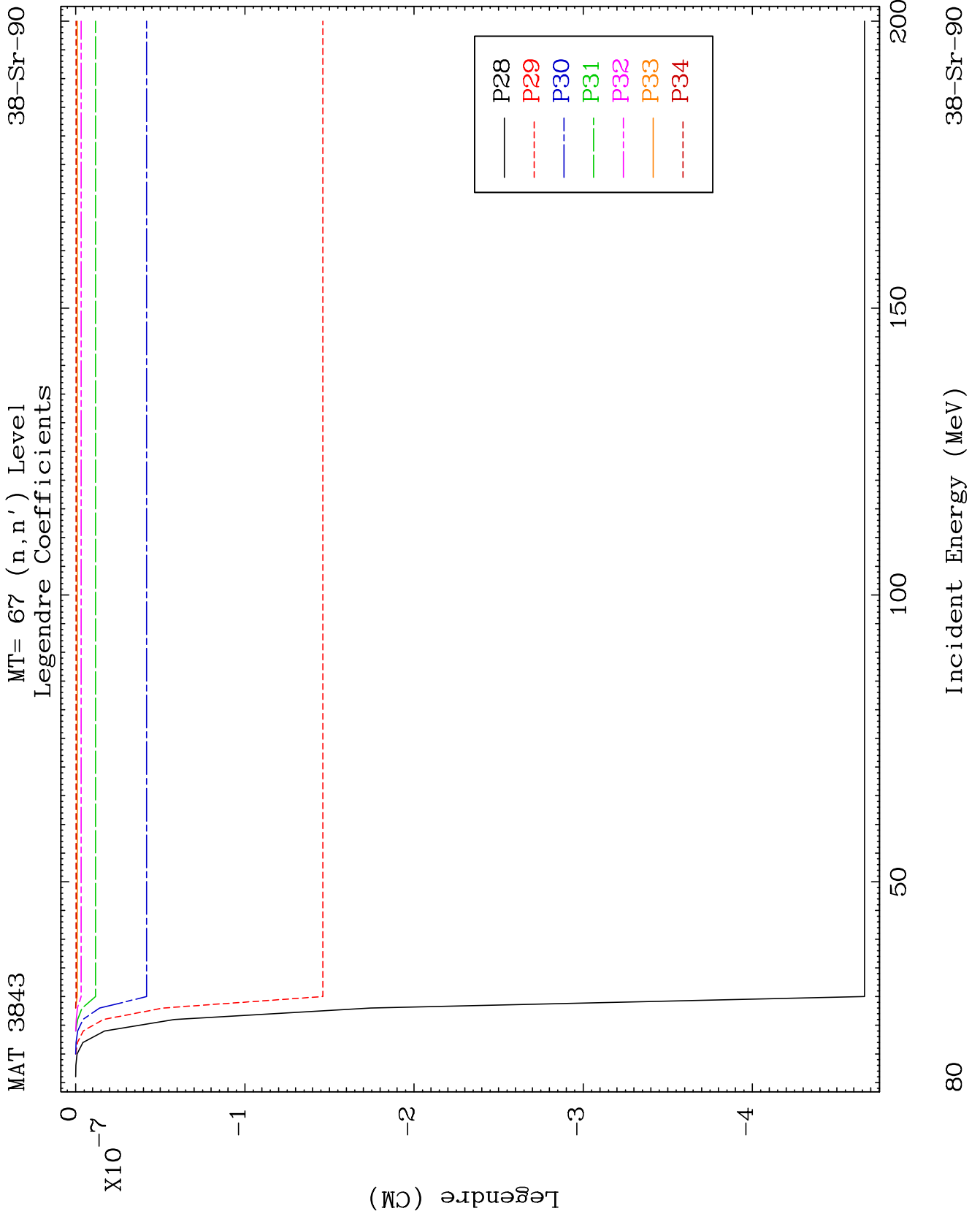
38-Sr-90



38-Sr-90

Incident Energy (MeV)

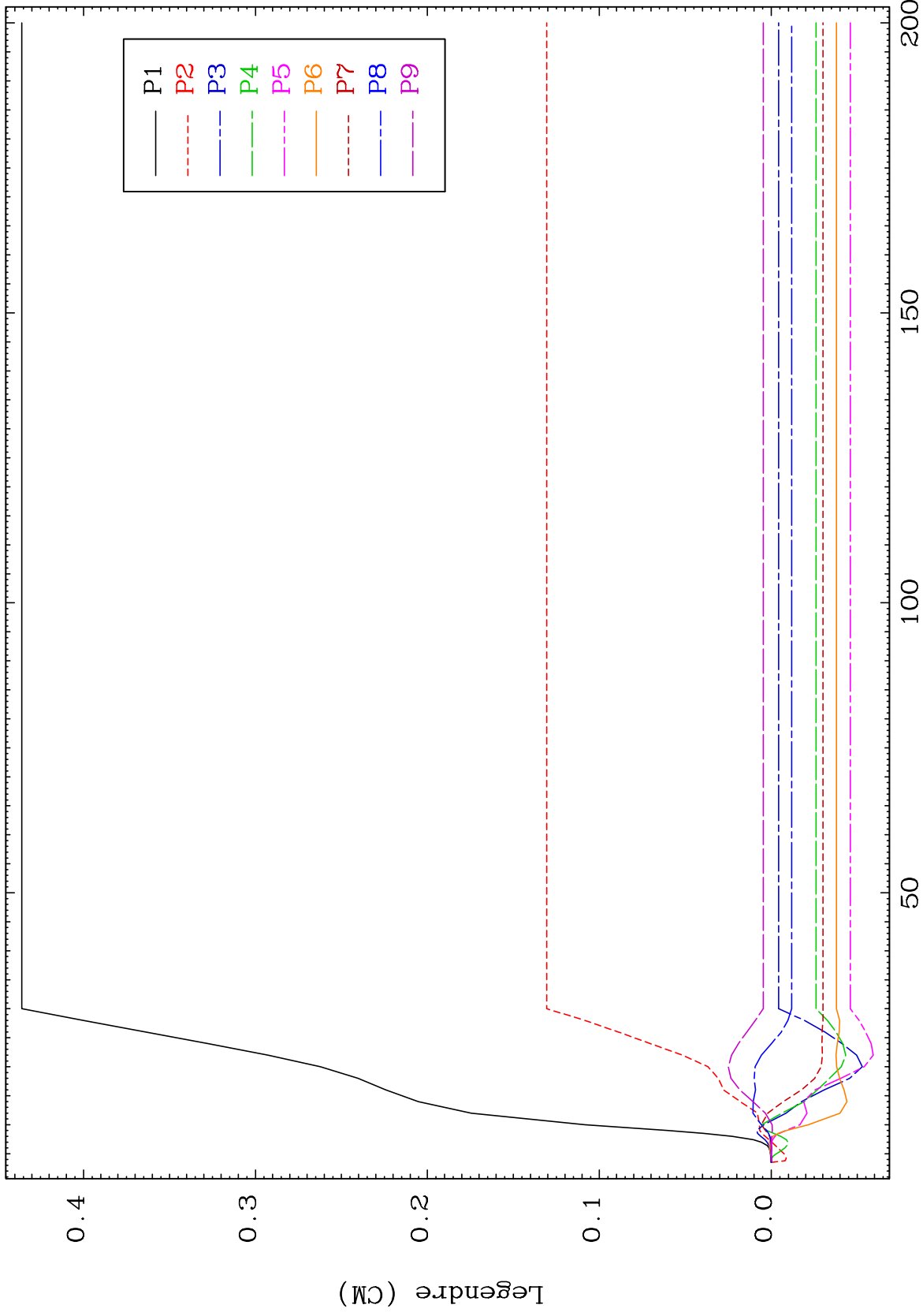
79



MAT 3843

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

38-Sr-90



81

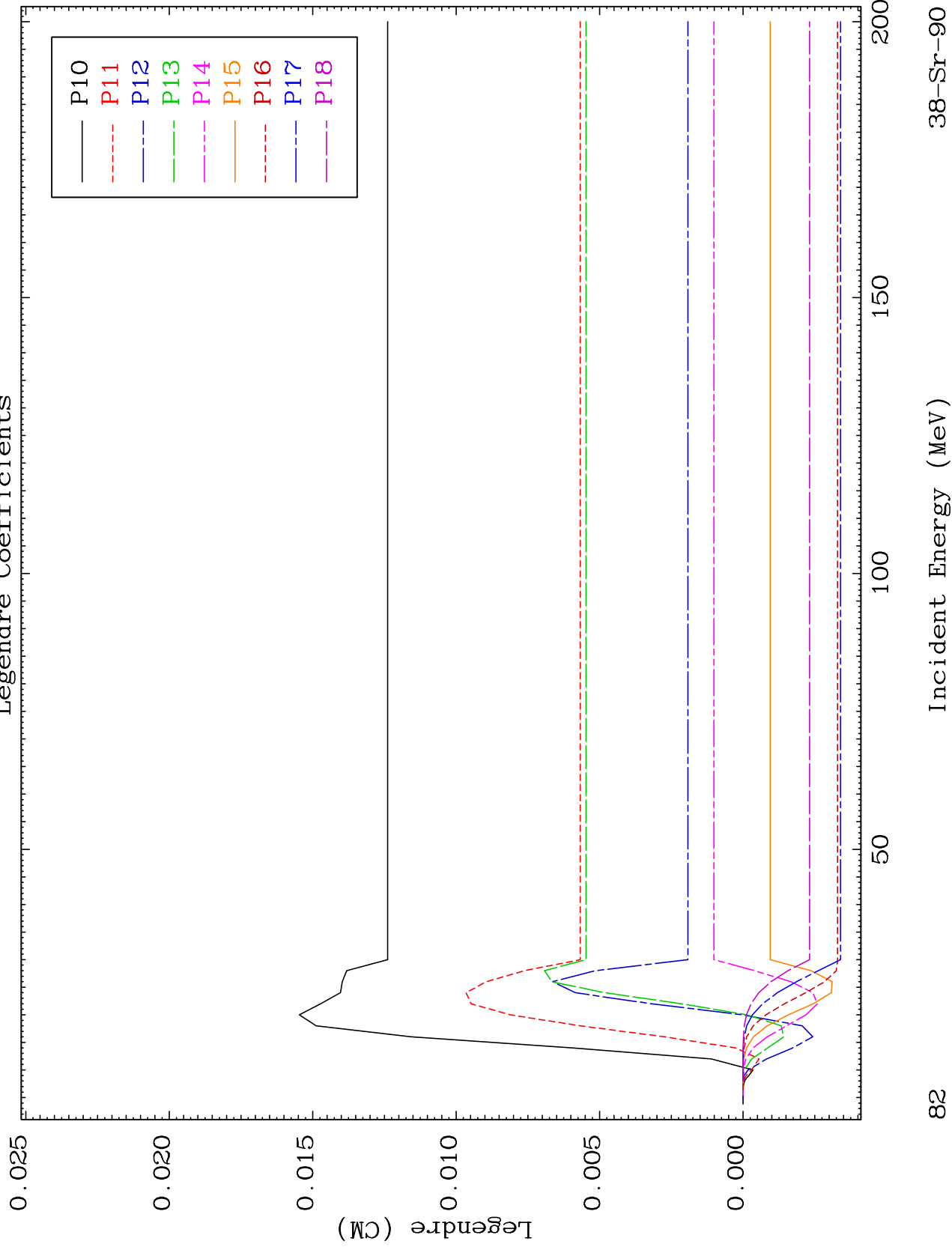
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

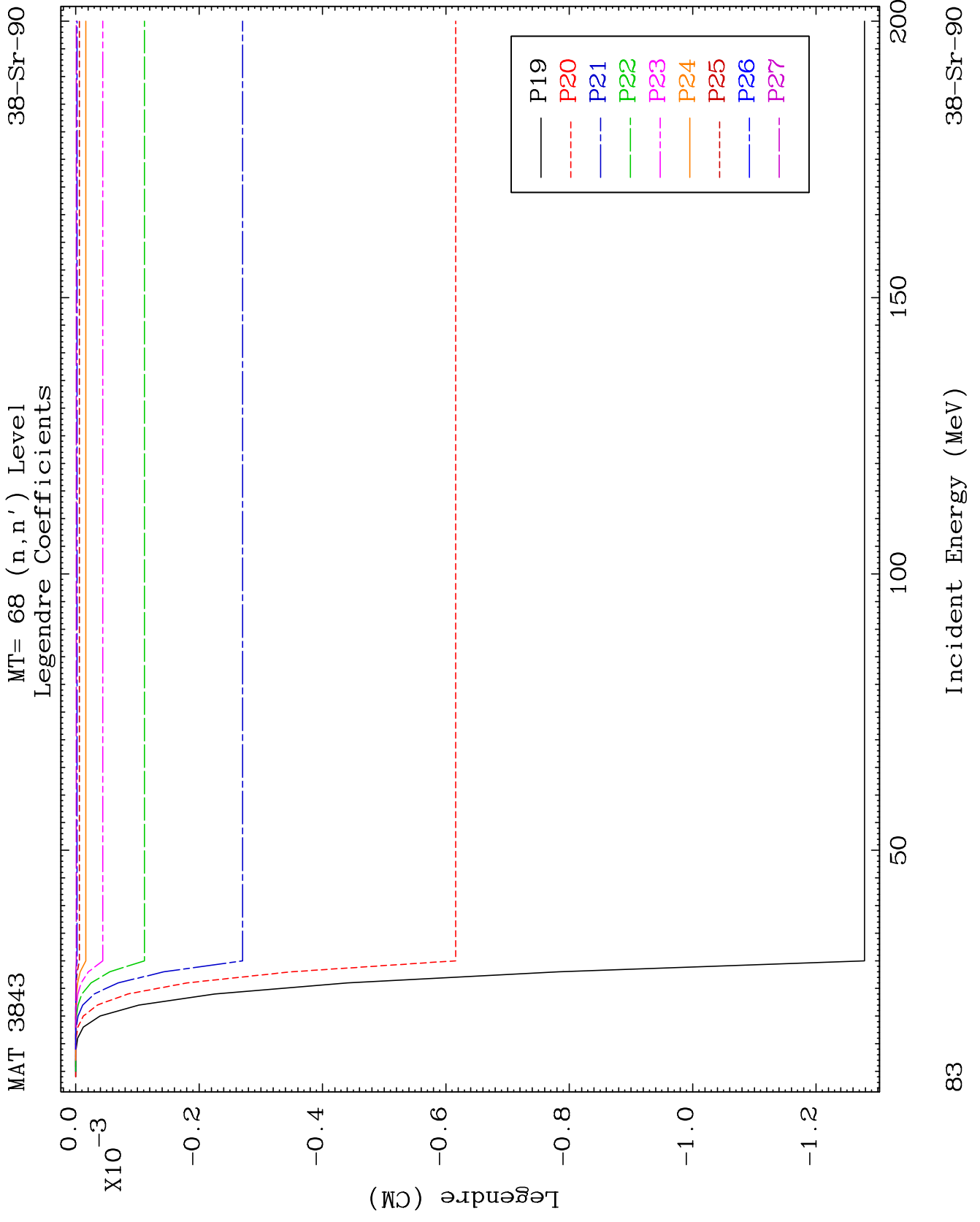
38-Sr-90



82

Incident Energy (MeV)

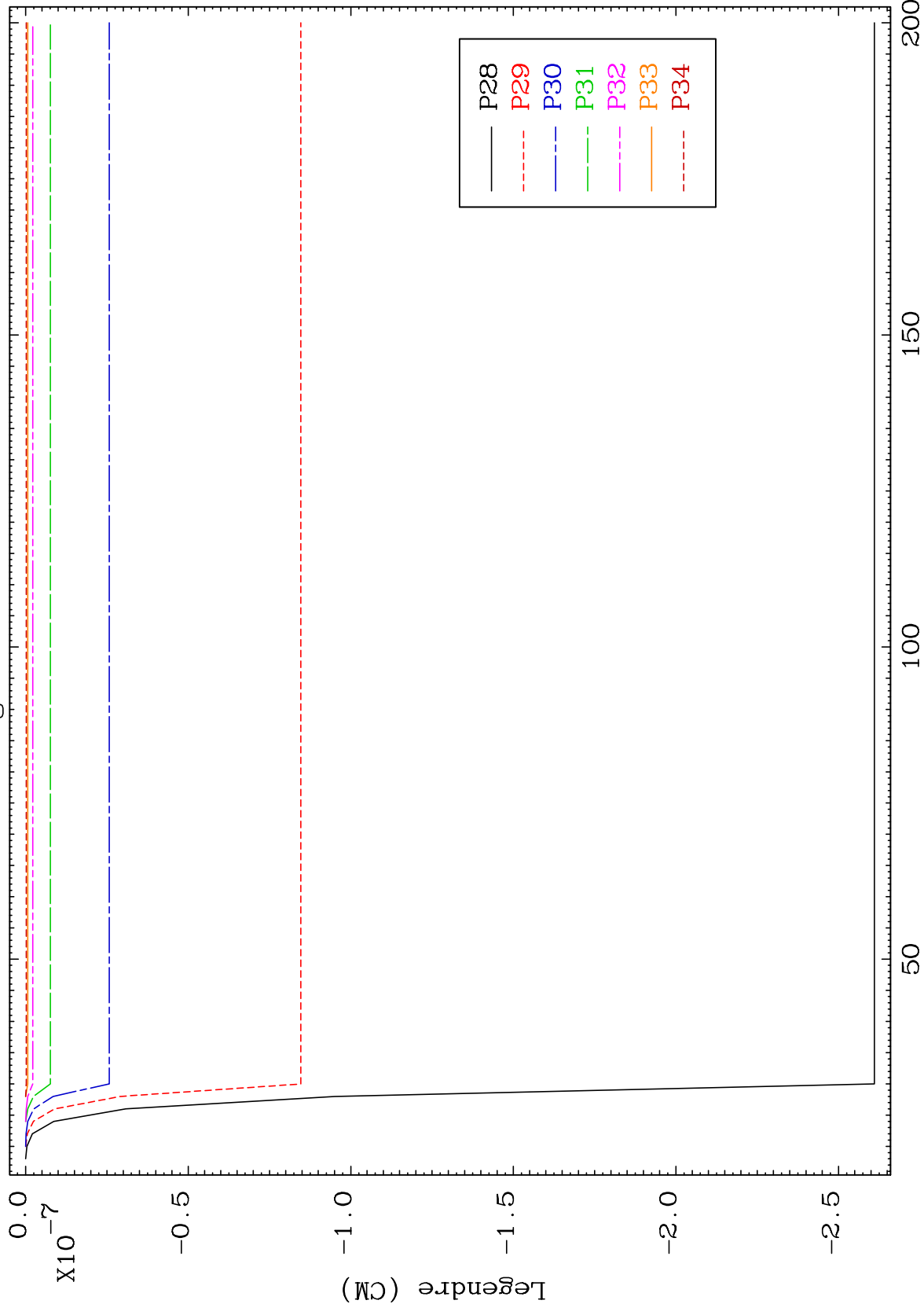
38-Sr-90



MAT 3843

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

38-Sr-90



84

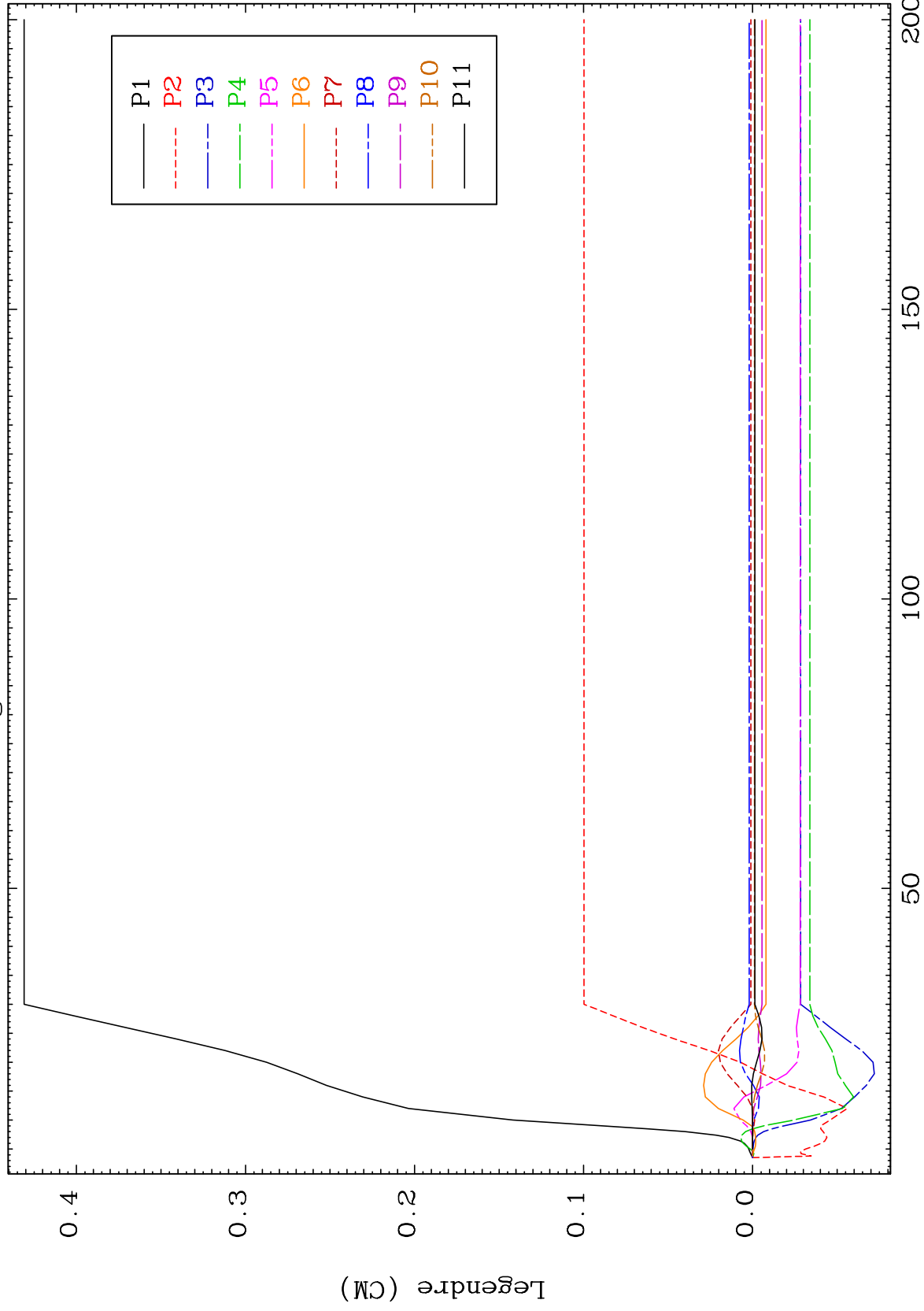
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



85

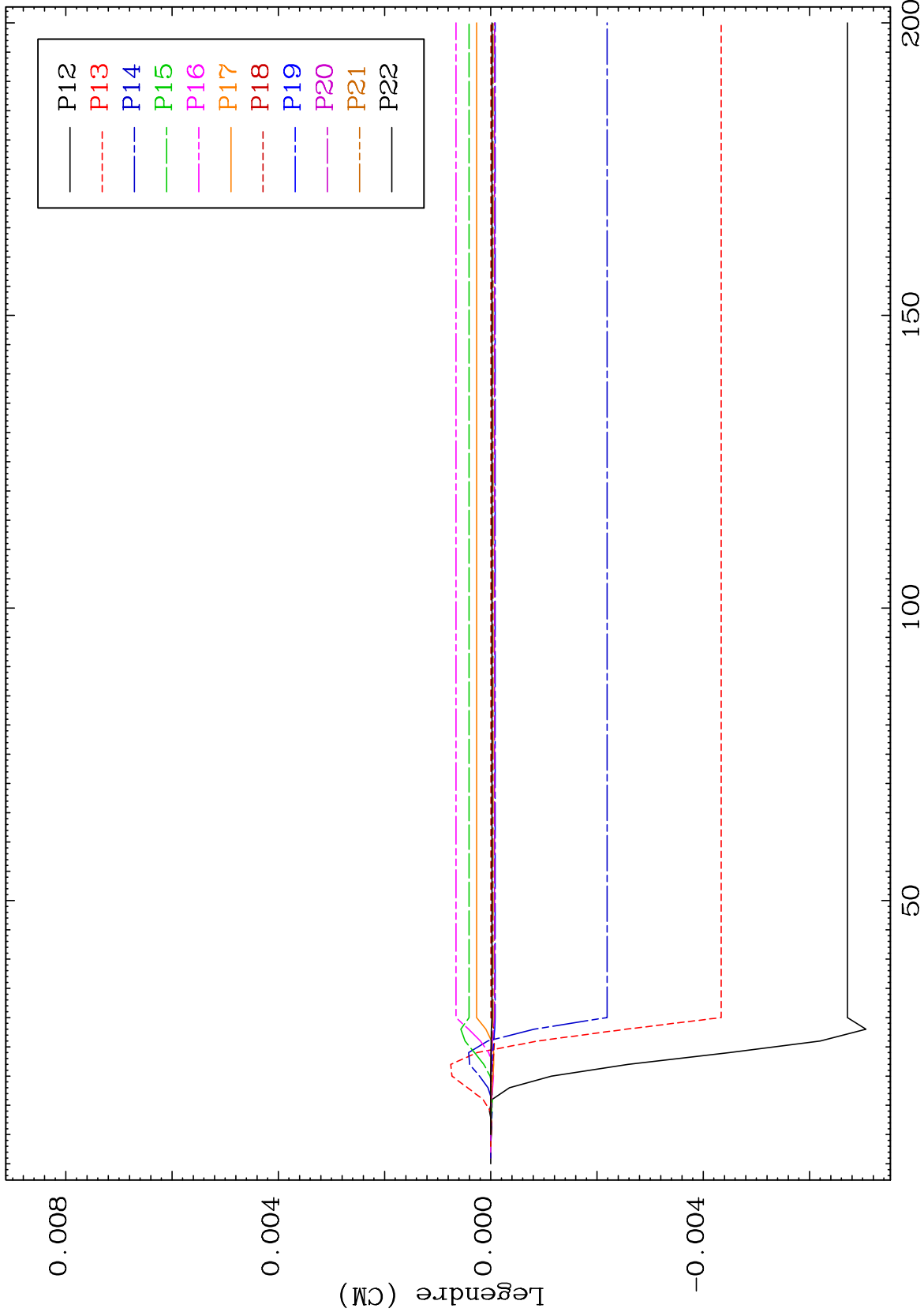
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



86

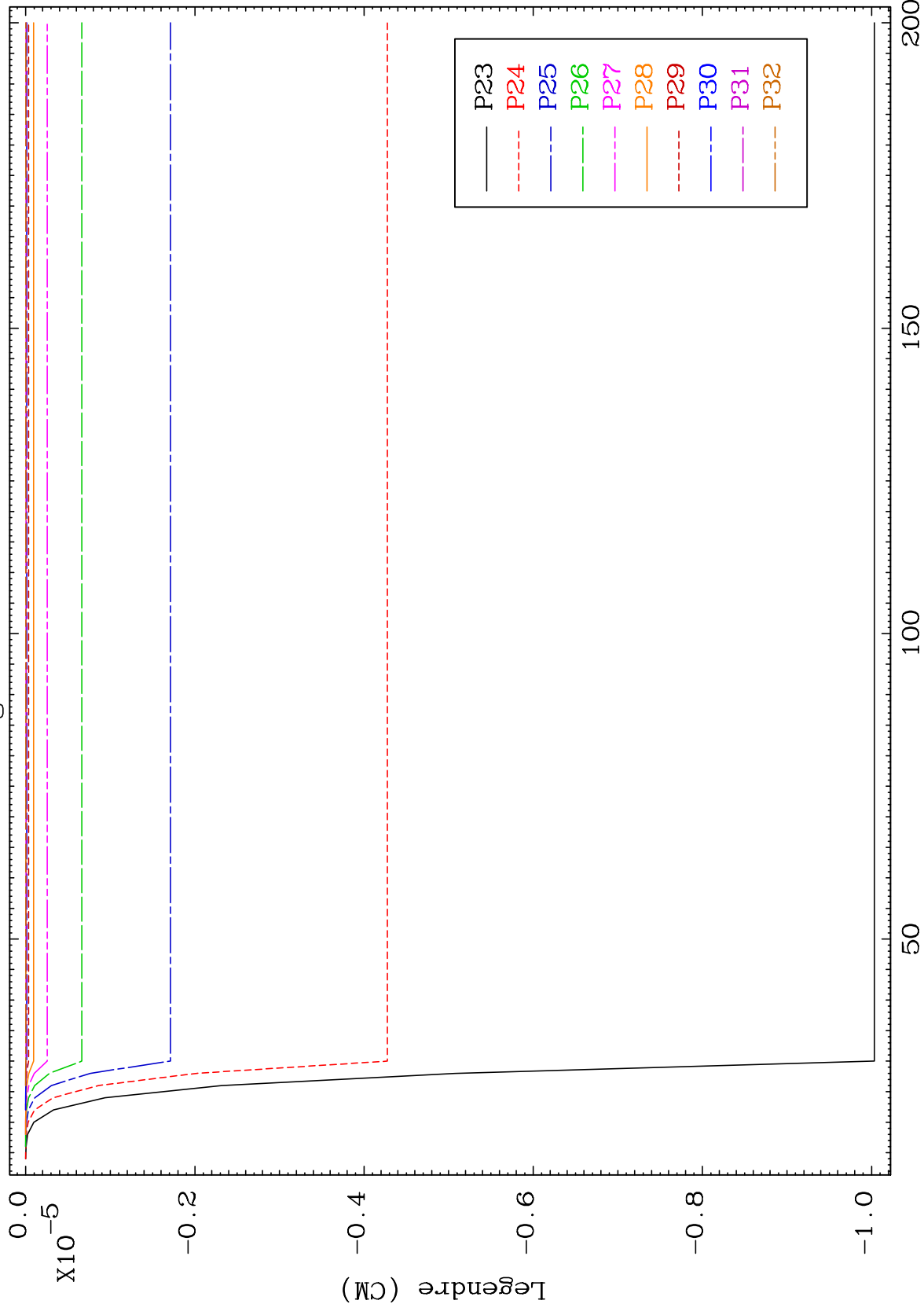
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



87

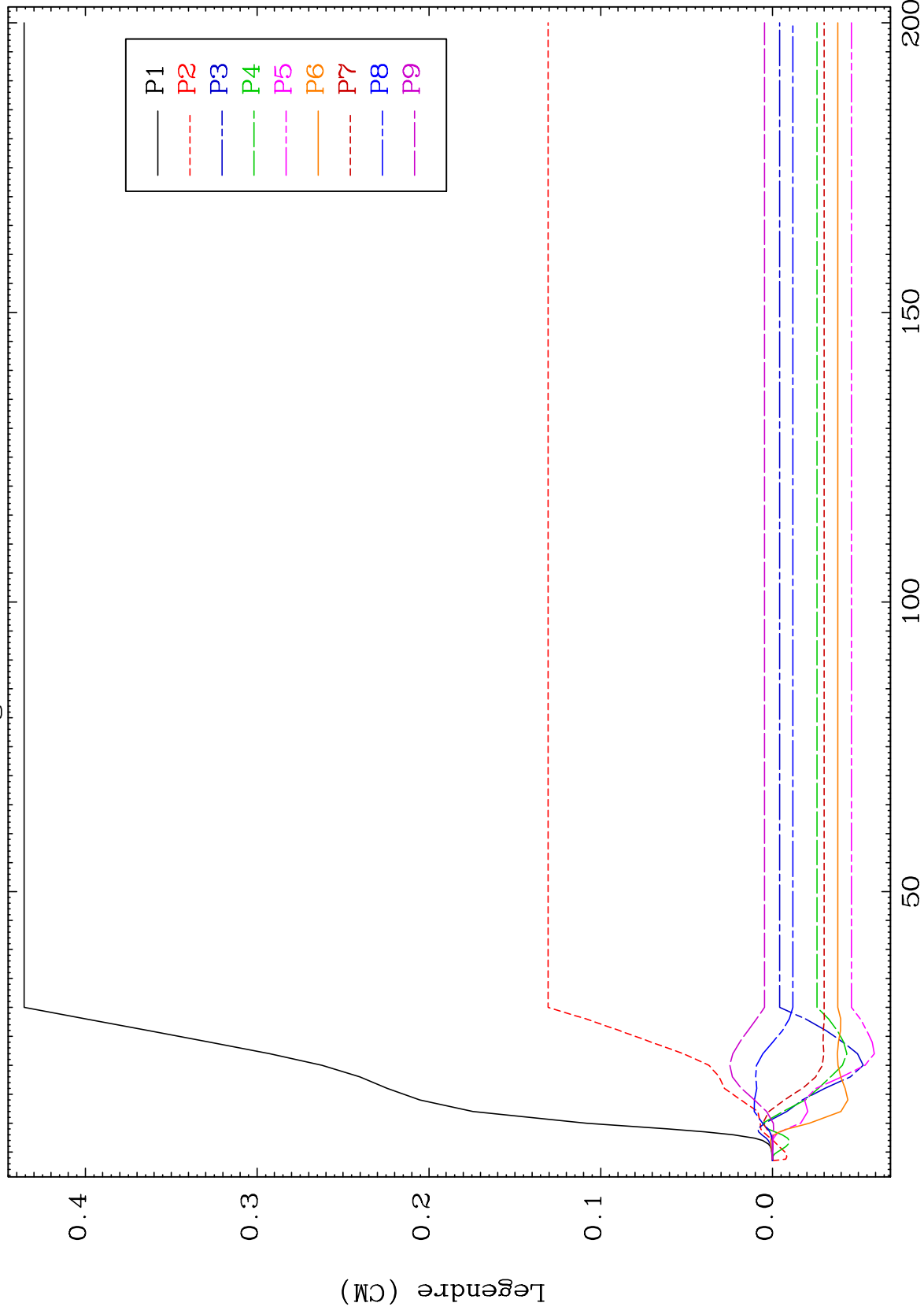
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

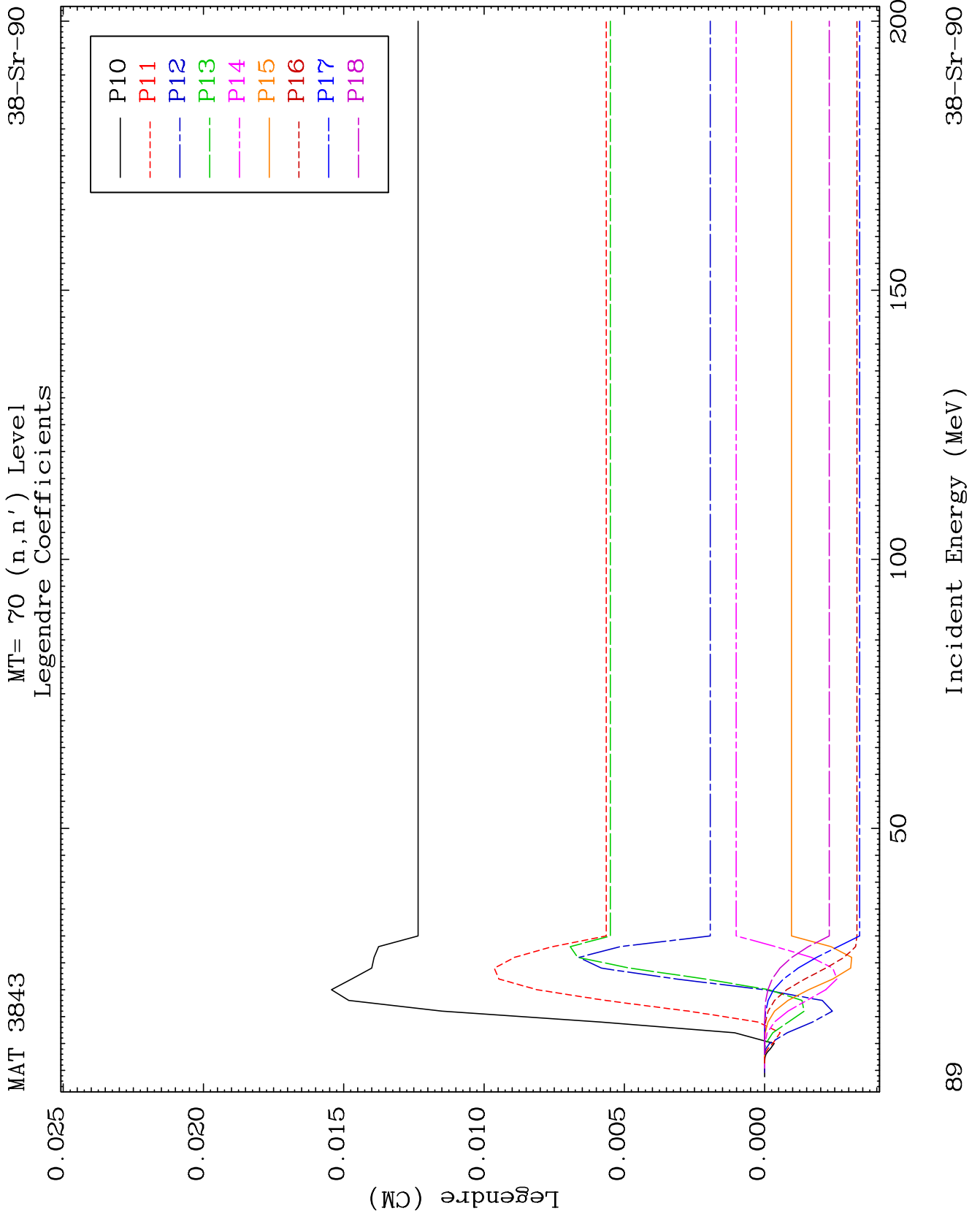
38-Sr-90

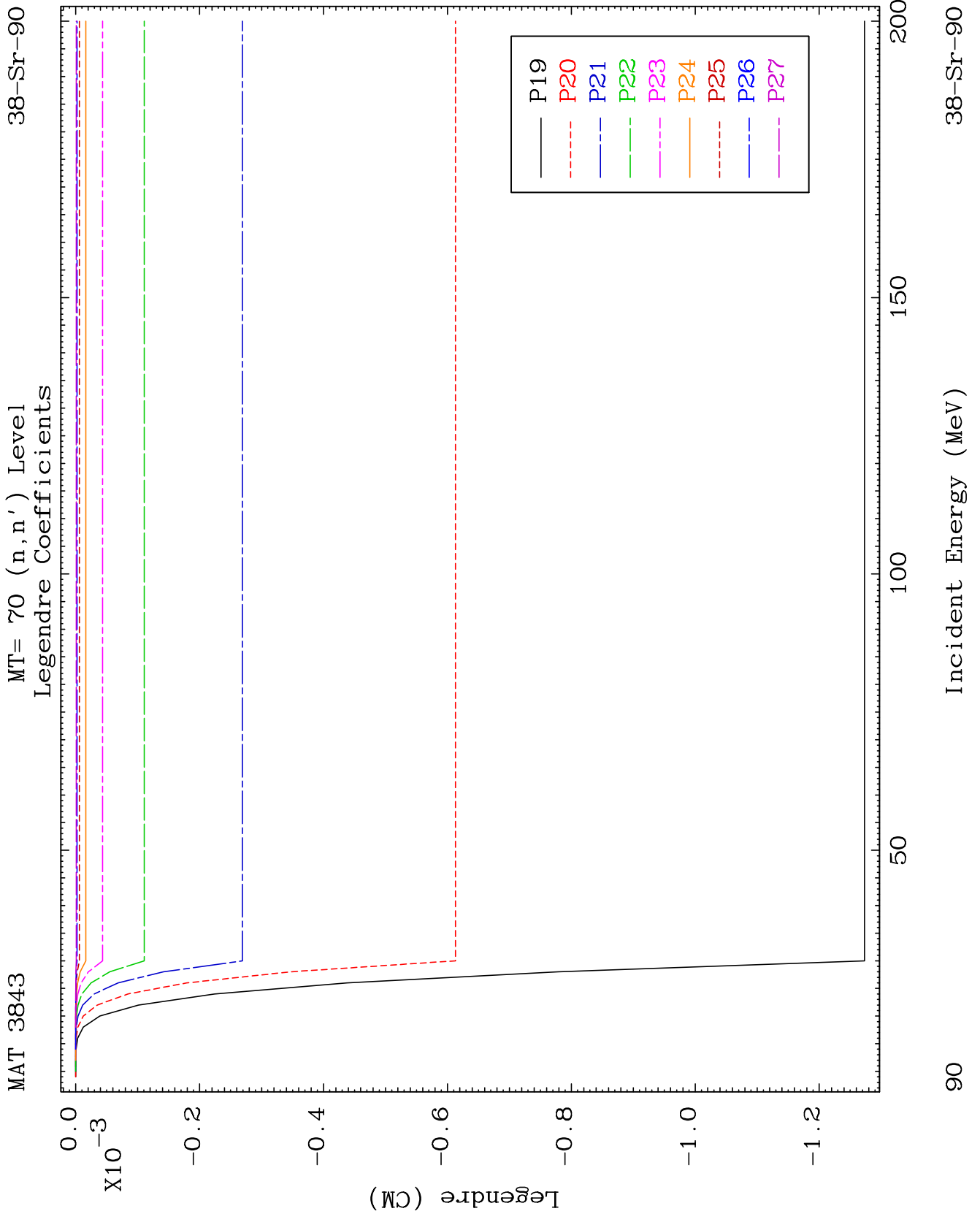


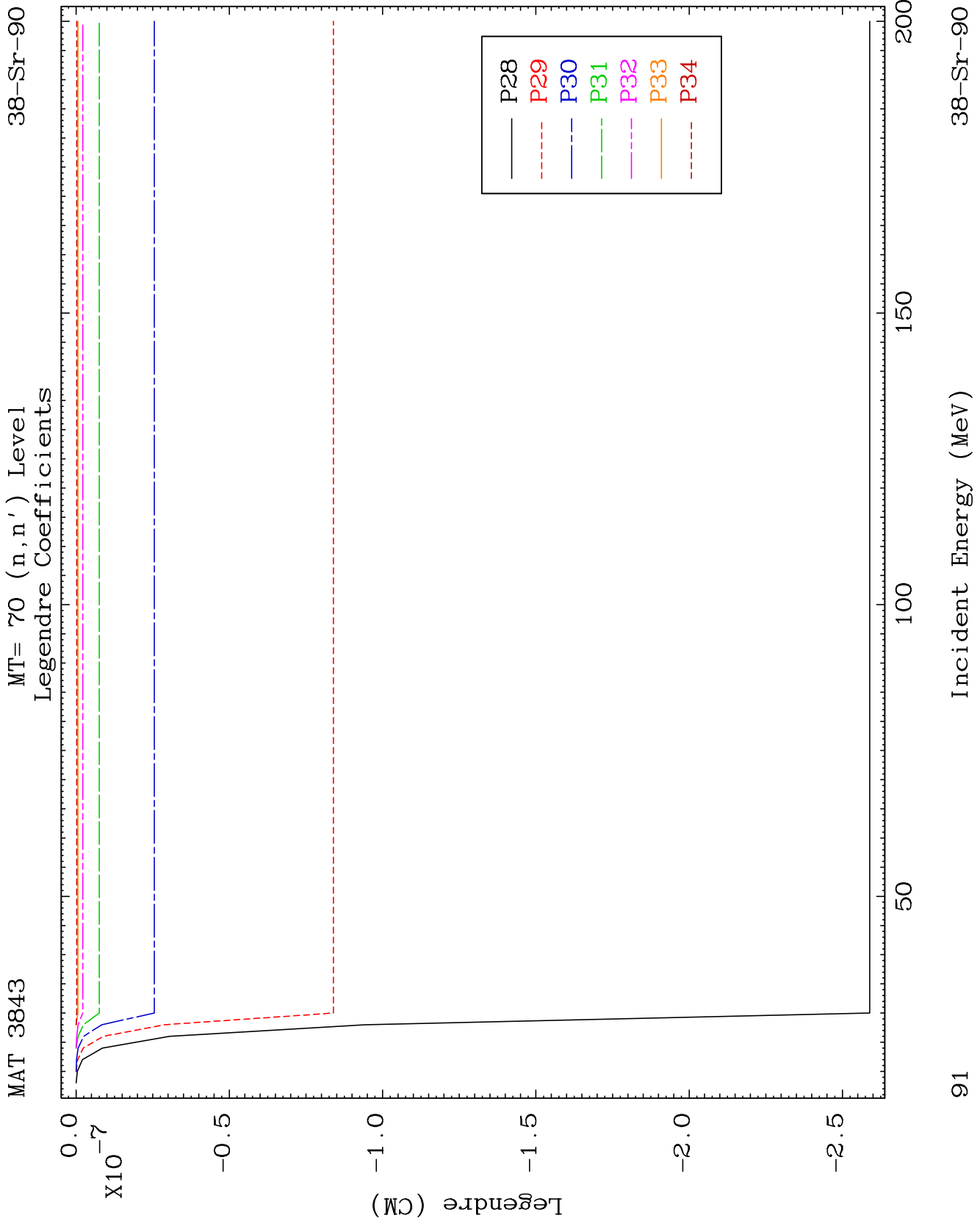
88

Incident Energy (MeV)

38-Sr-90



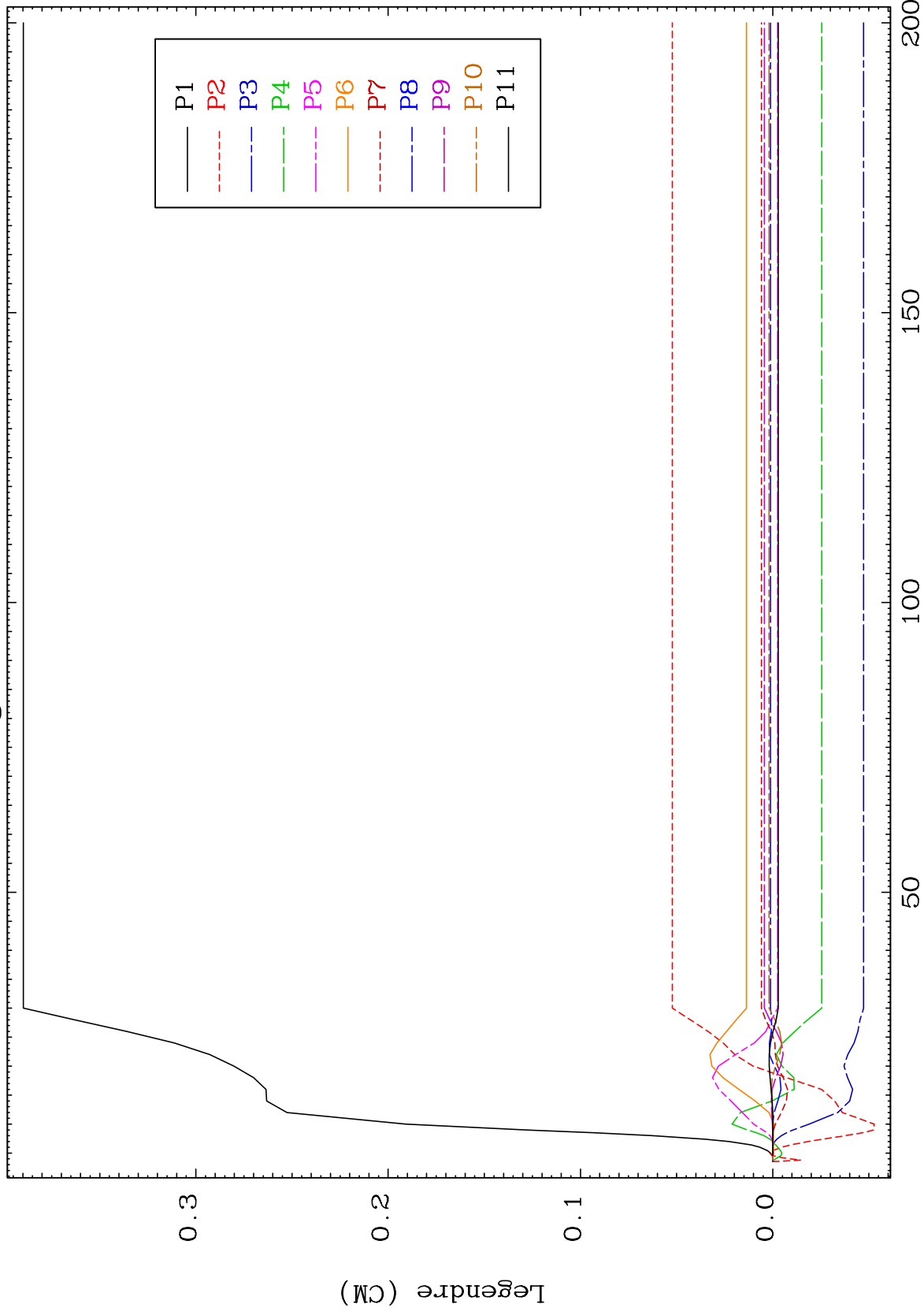




MAT 3843

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

38-Sr-90



92

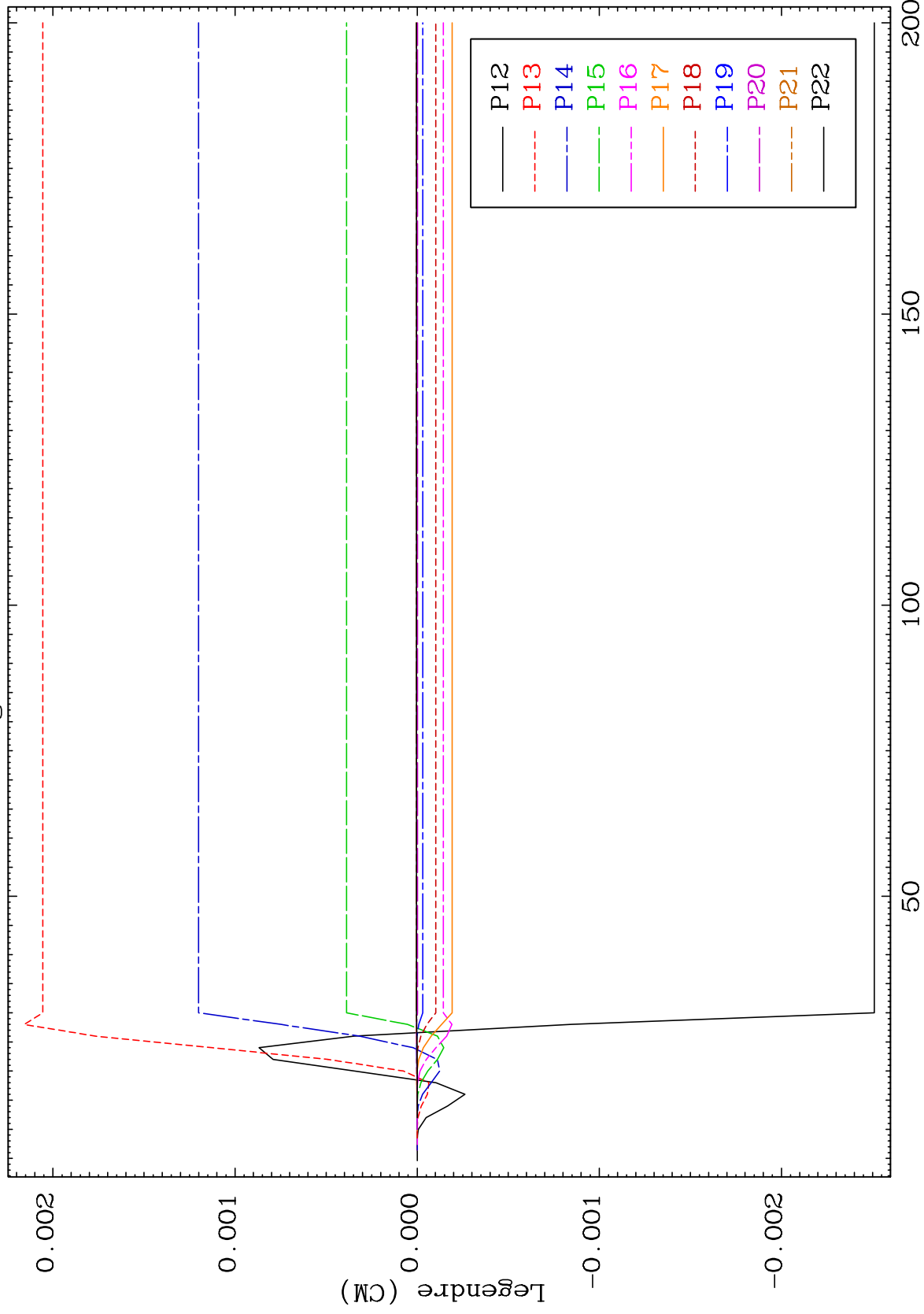
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

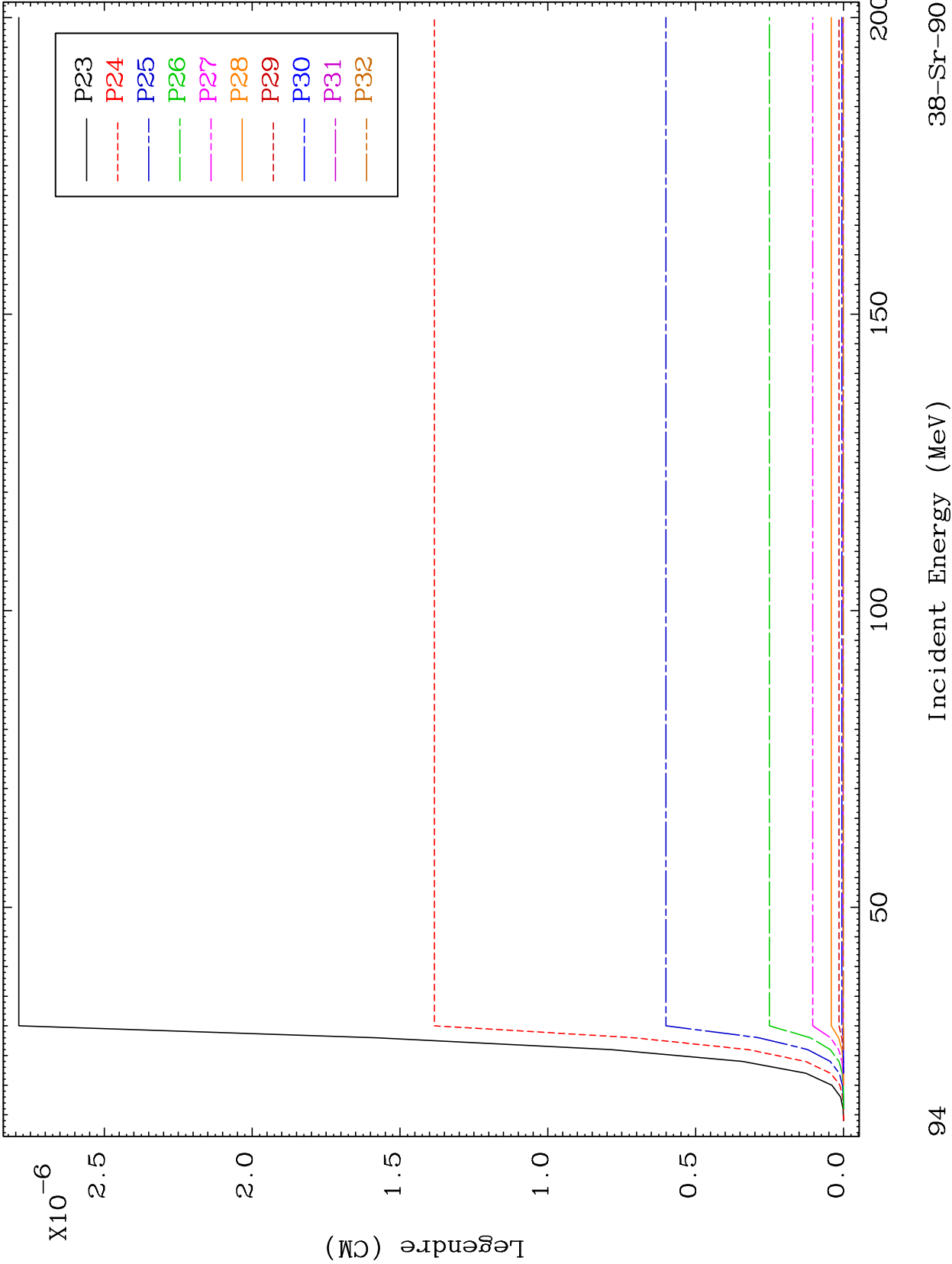
38-Sr-90



MAT 3843

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

38-Sr-90



94

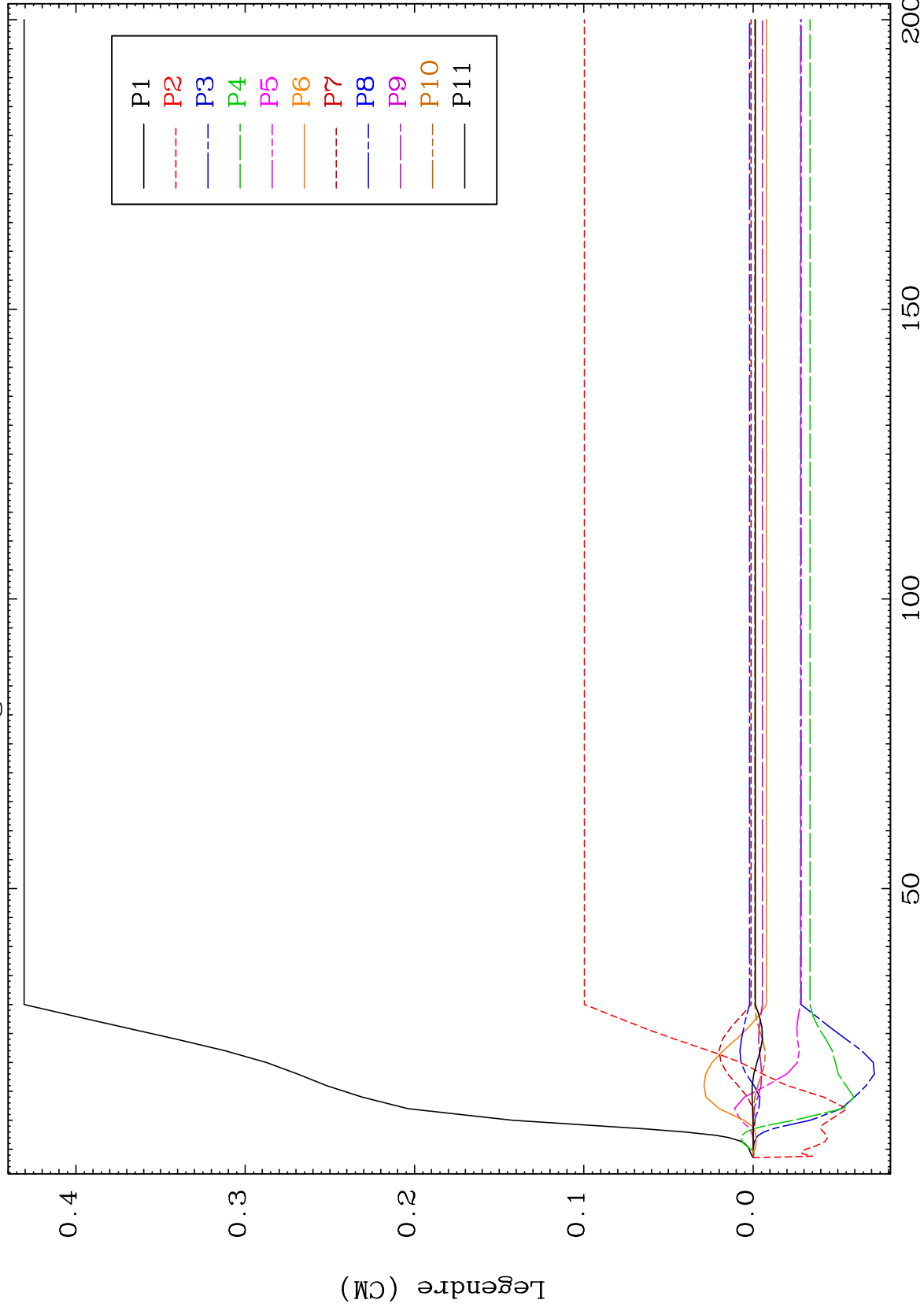
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



95

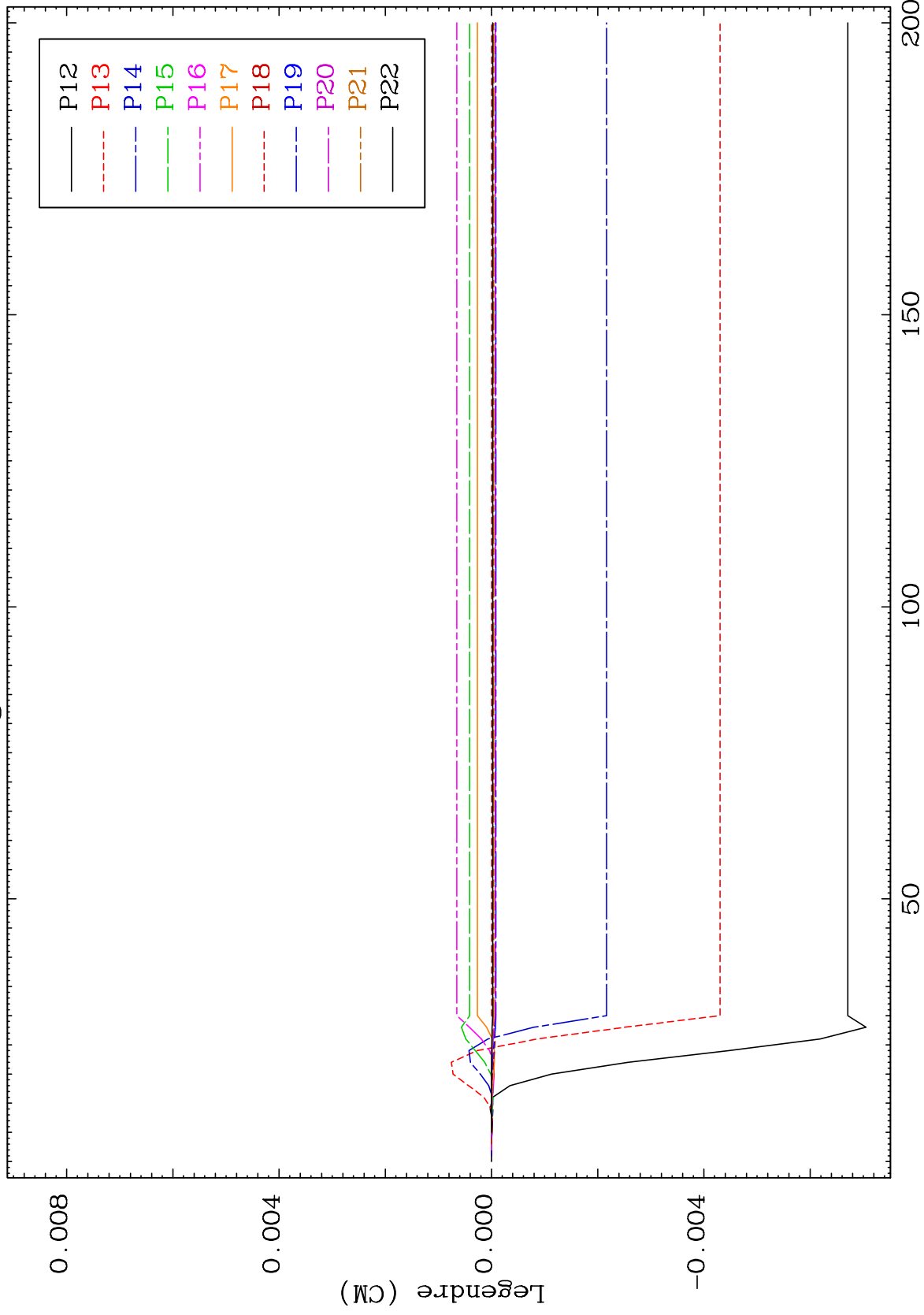
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



96

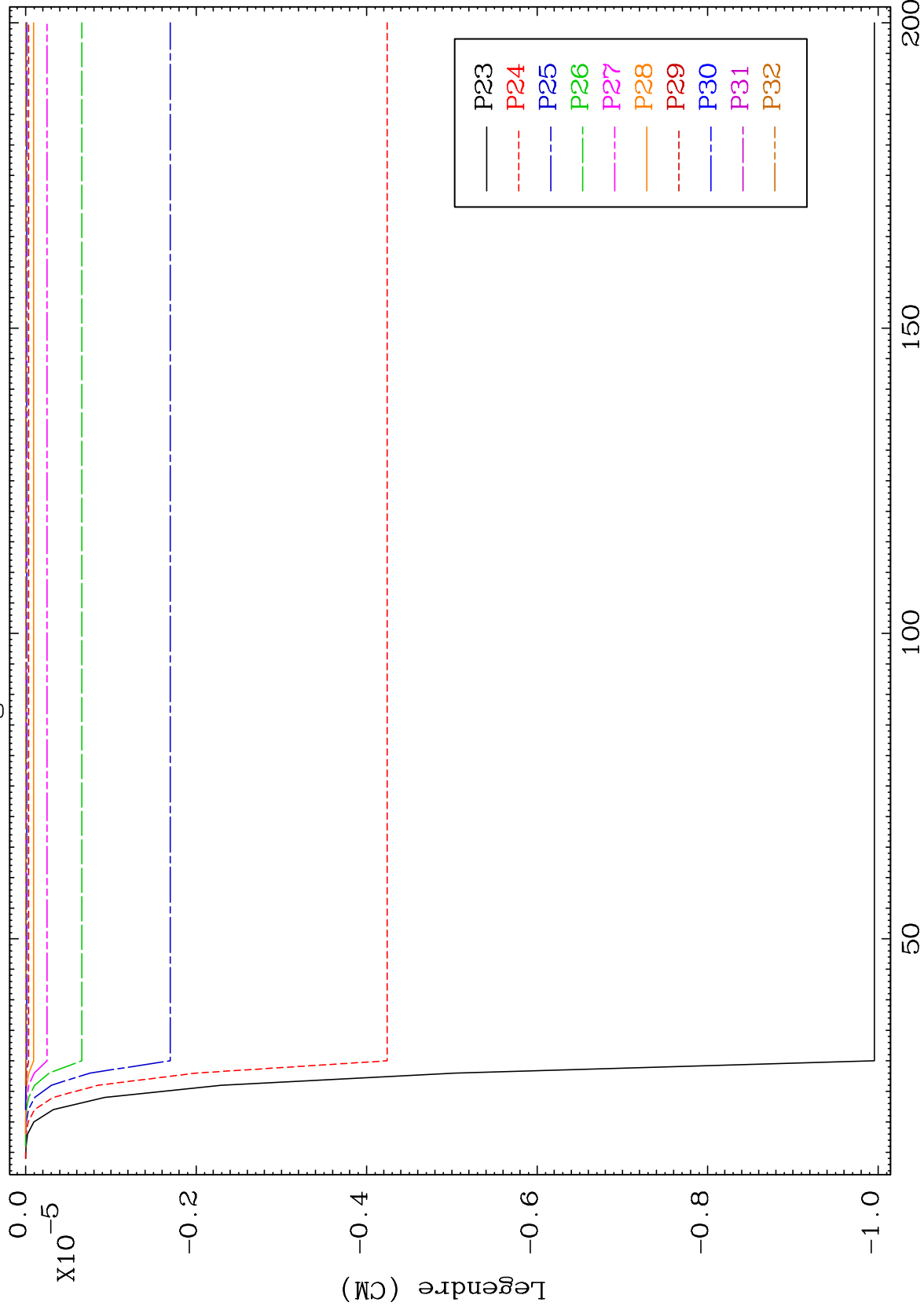
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

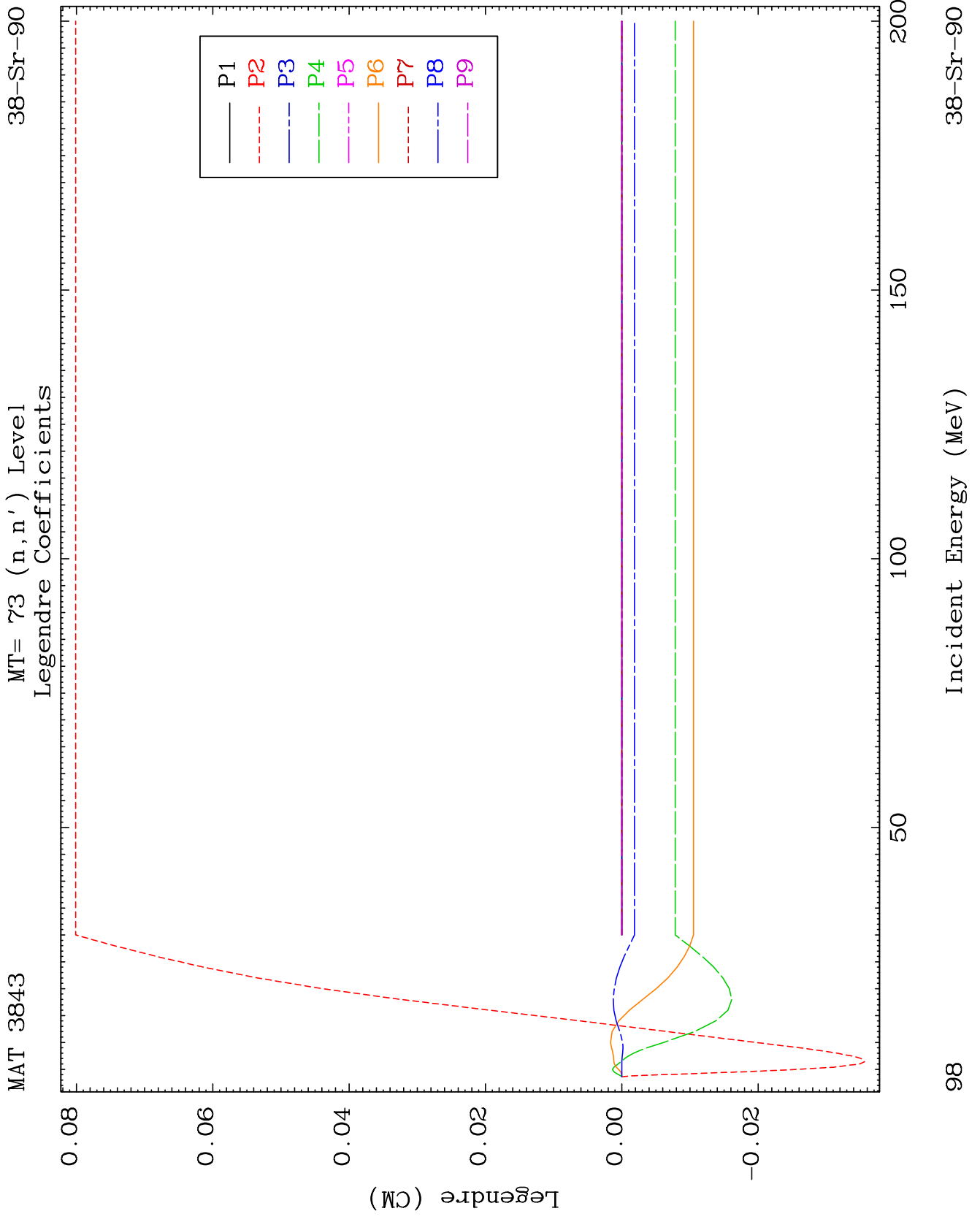
38-Sr-90



97

Incident Energy (MeV)

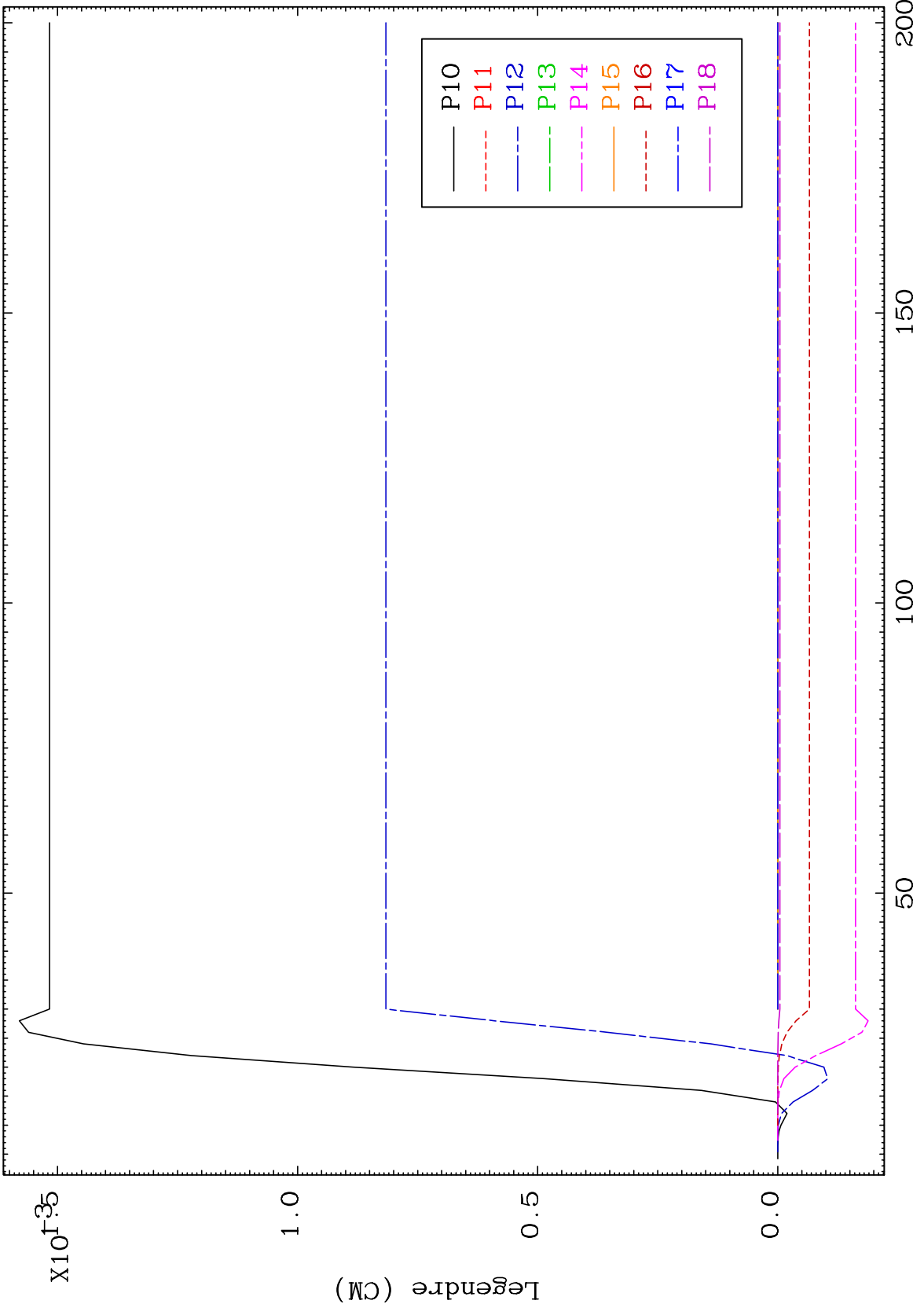
38-Sr-90

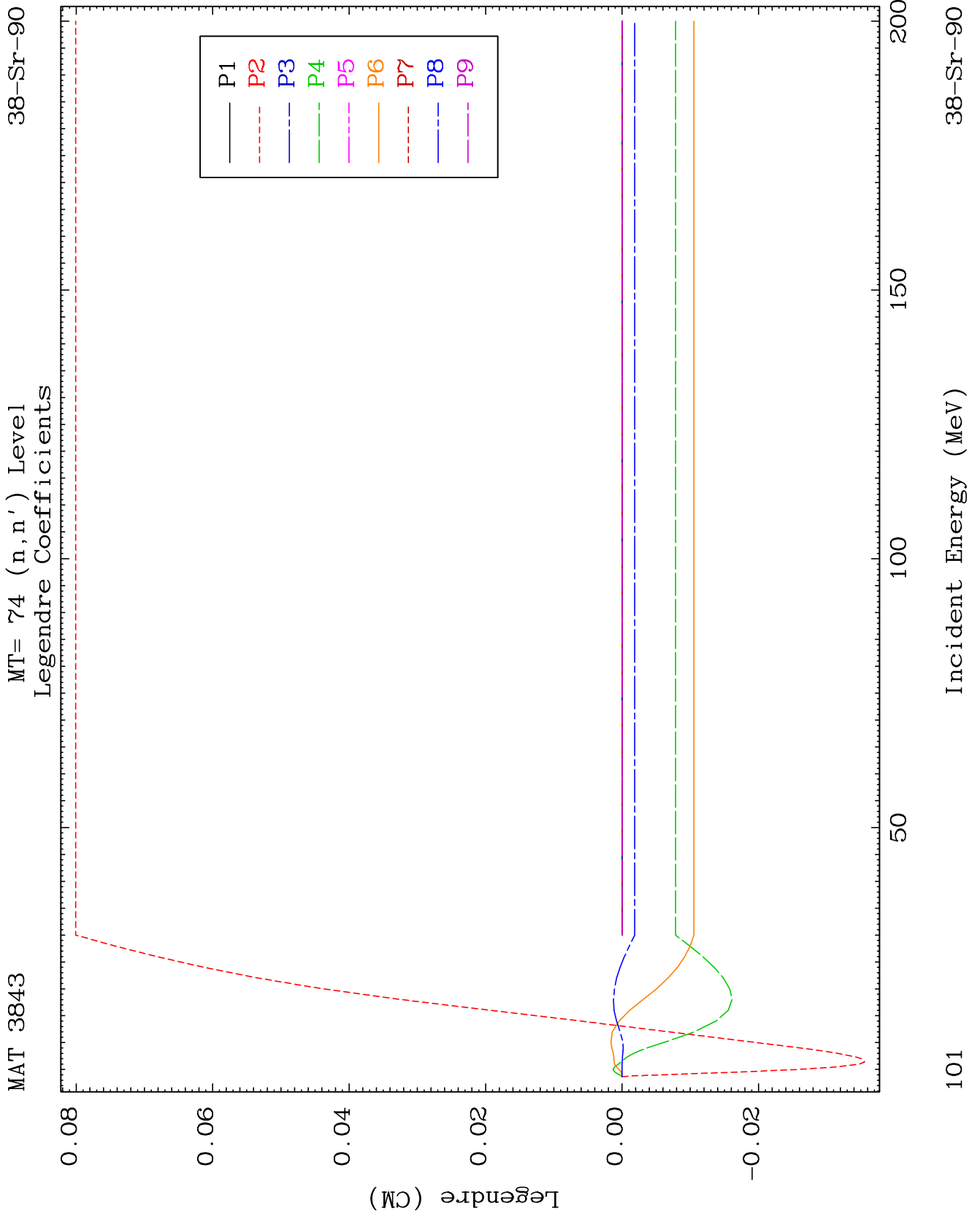


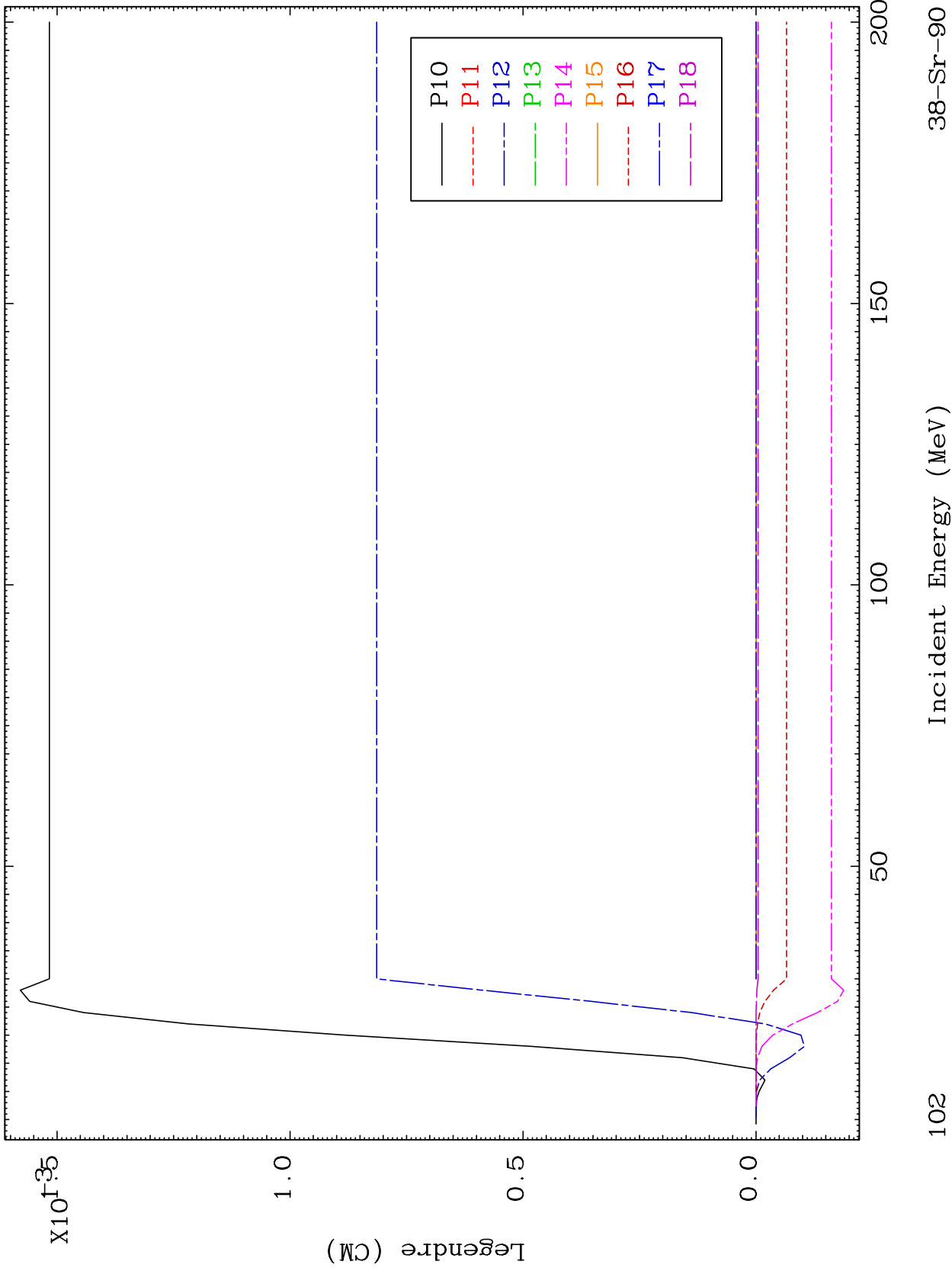
MAT 3843

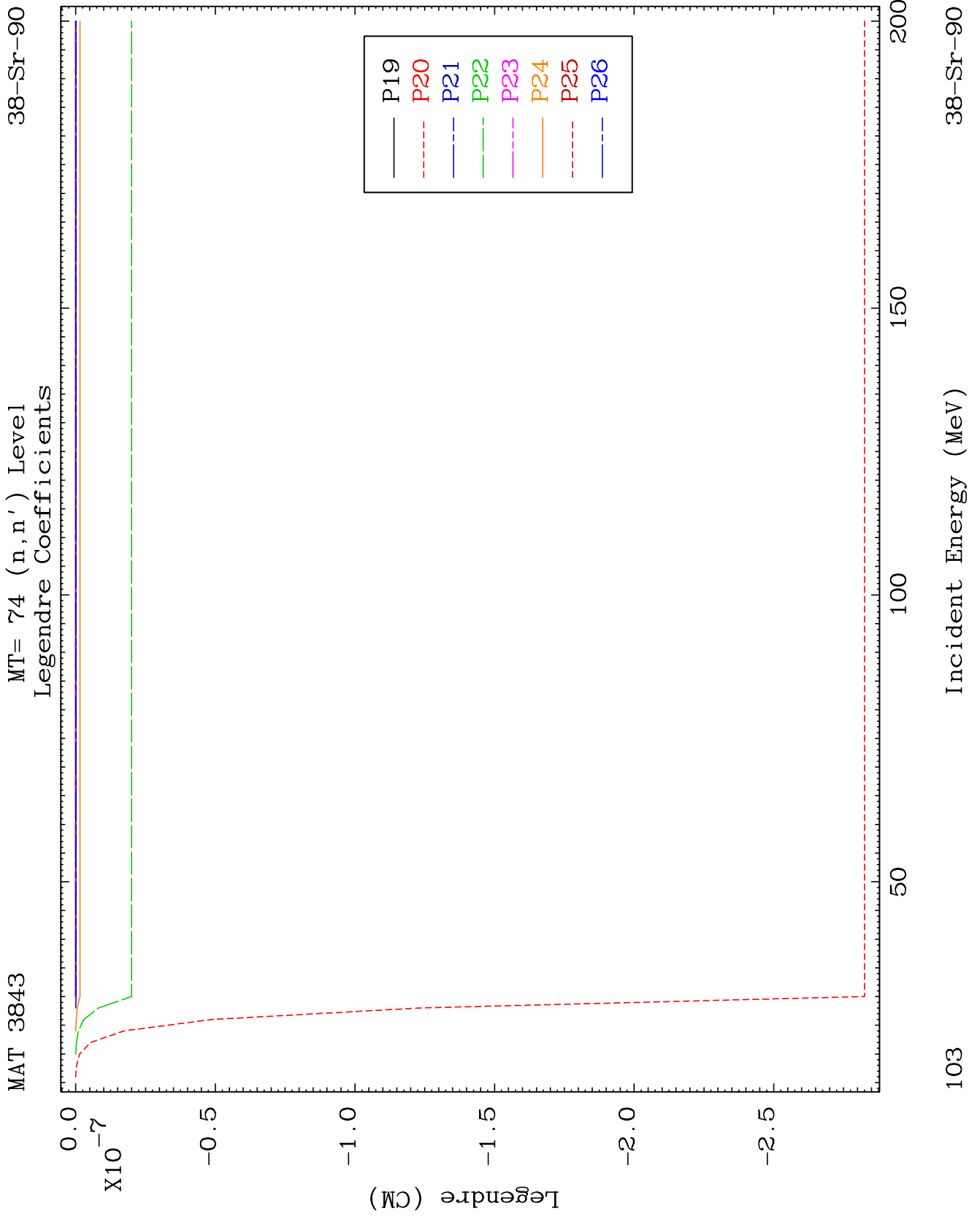
MT= 73 (n,n') Level
Legendre Coefficients

38-Sr-90





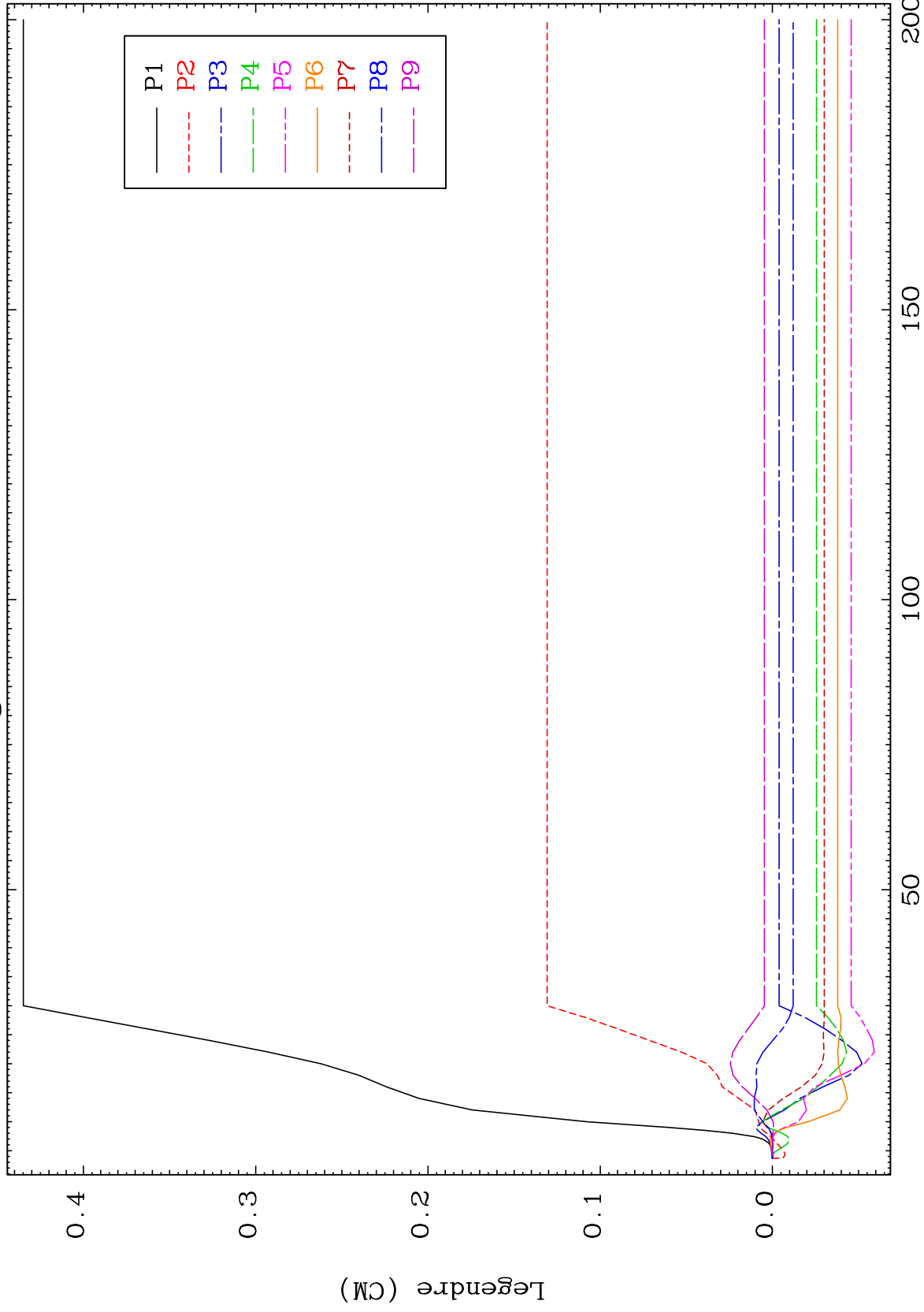




MAT 3843

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

38-Sr-90



104

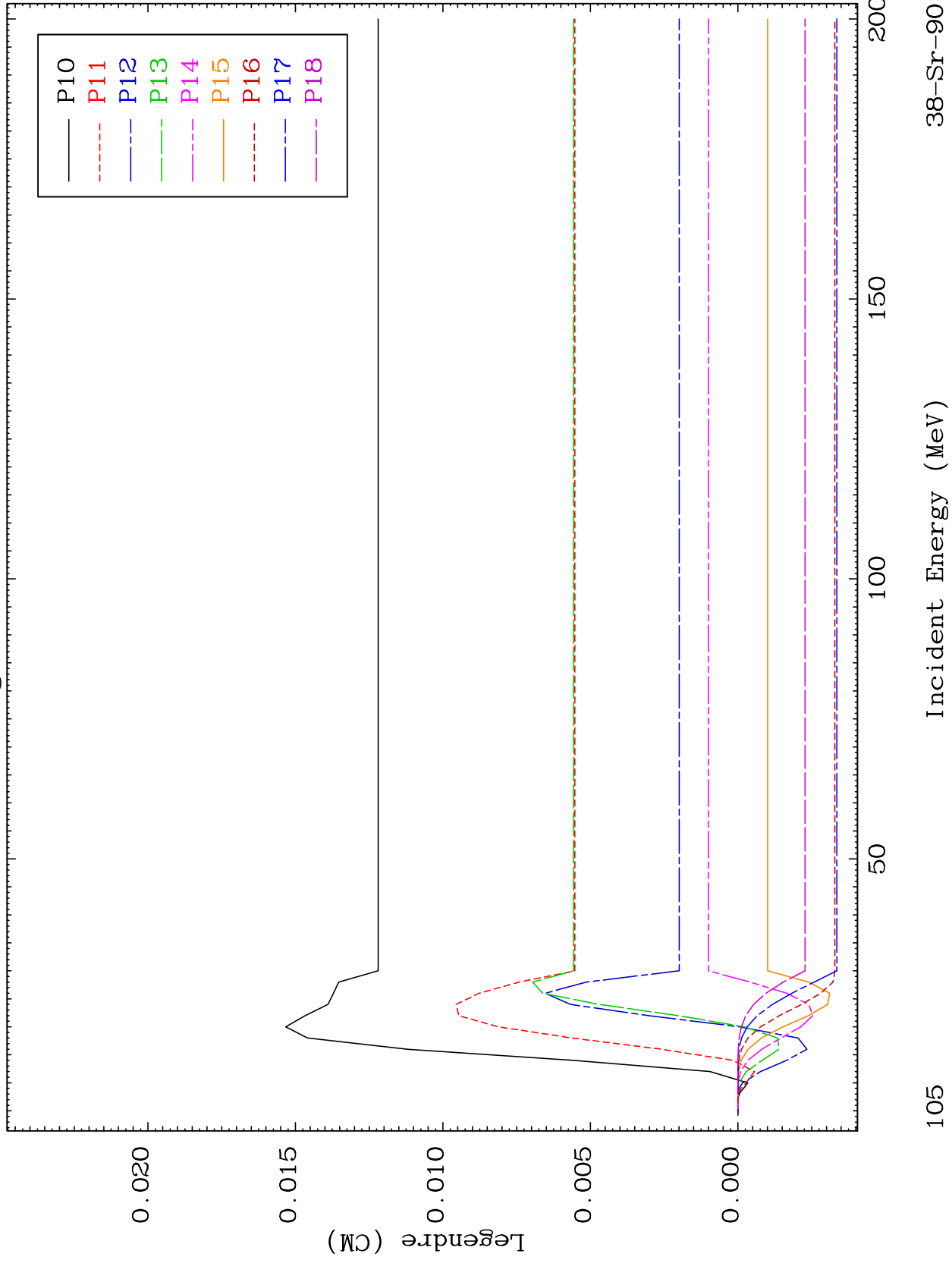
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



105

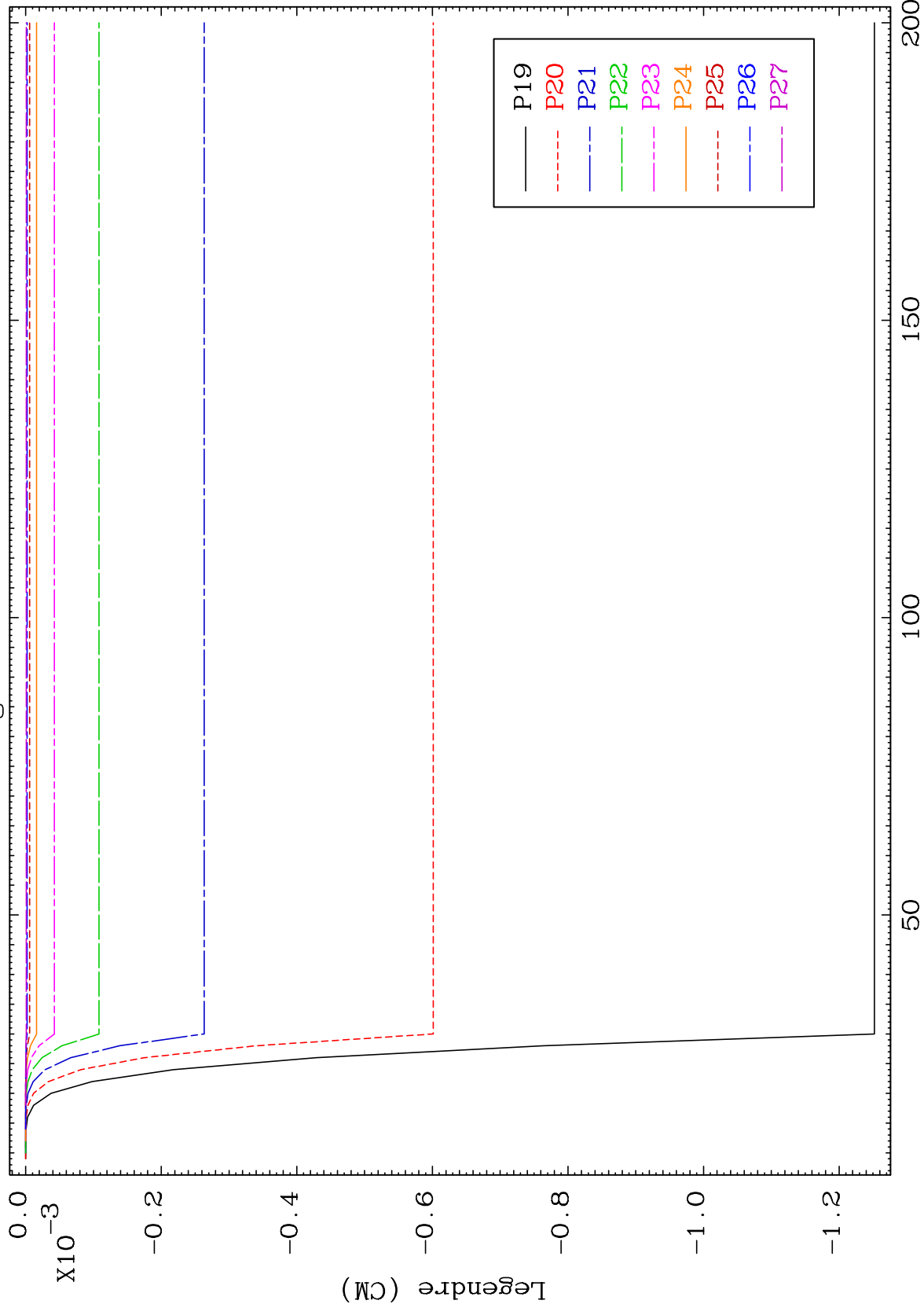
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



38-Sr-90

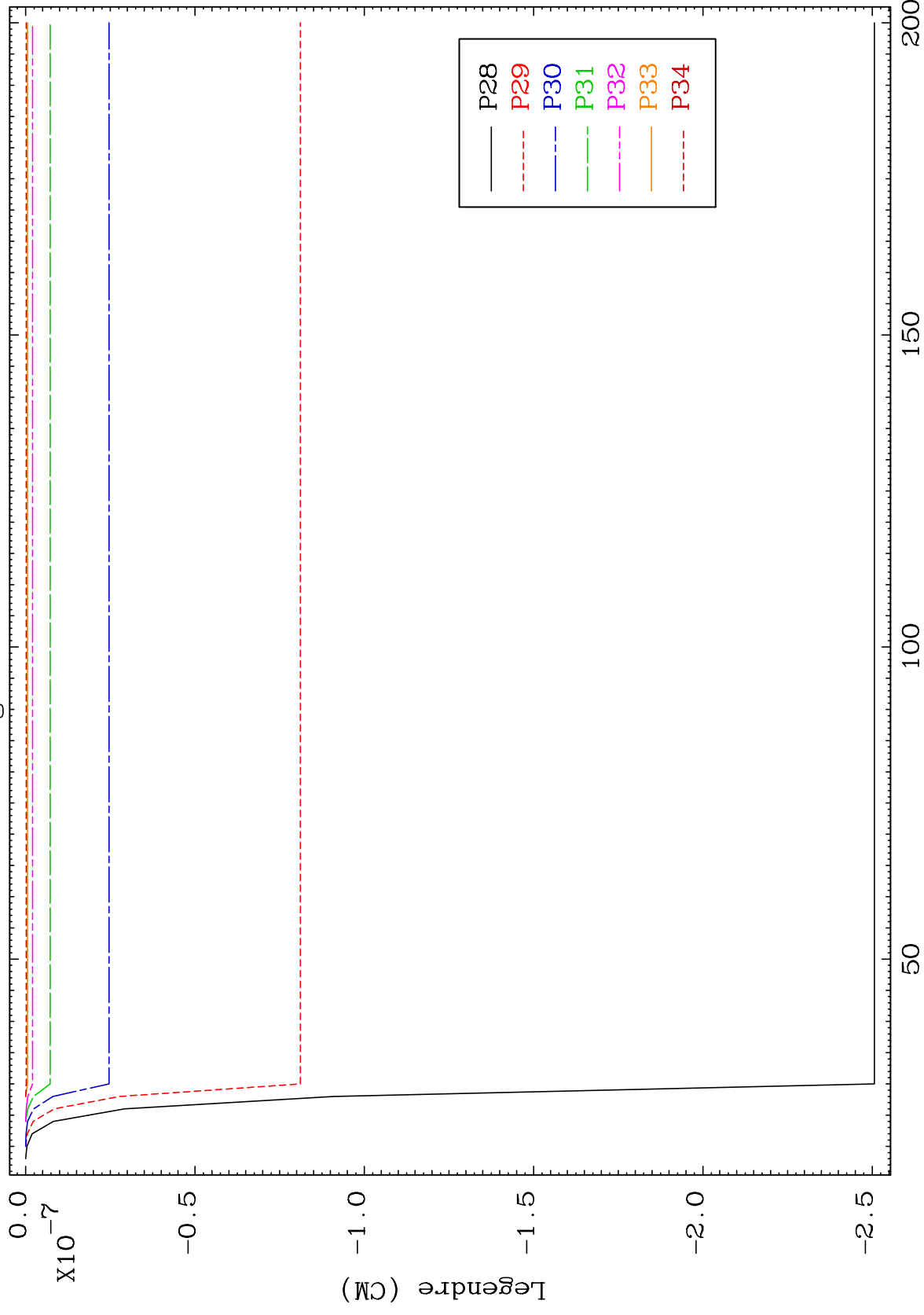
Incident Energy (MeV)

106

MAT 3843

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

38-Sr-90



38-Sr-90

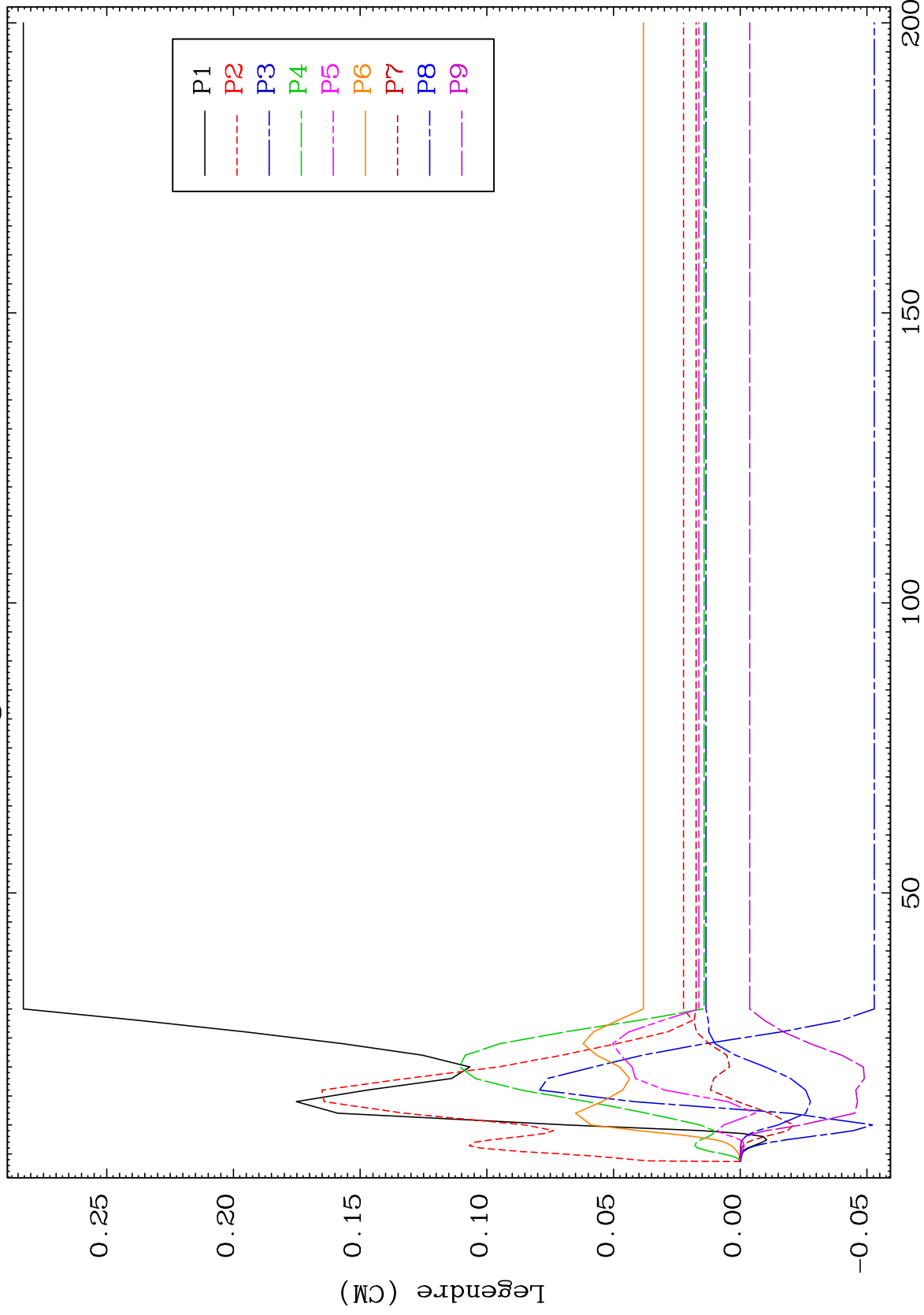
Incident Energy (MeV)

107

MAT 3843

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

38-Sr-90



108

Incident Energy (MeV)

50

100

150

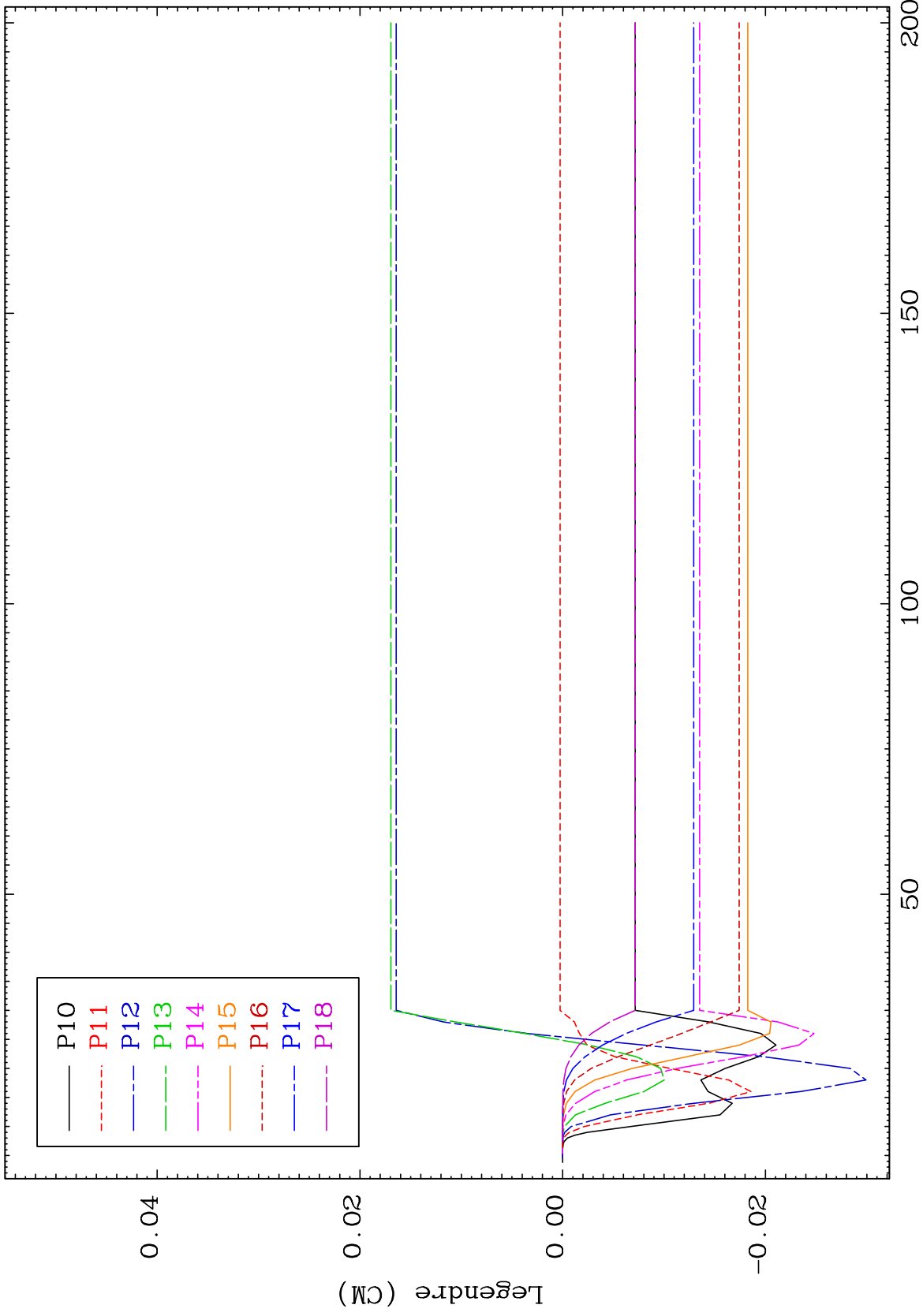
200

38-Sr-90

MAT 3843

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

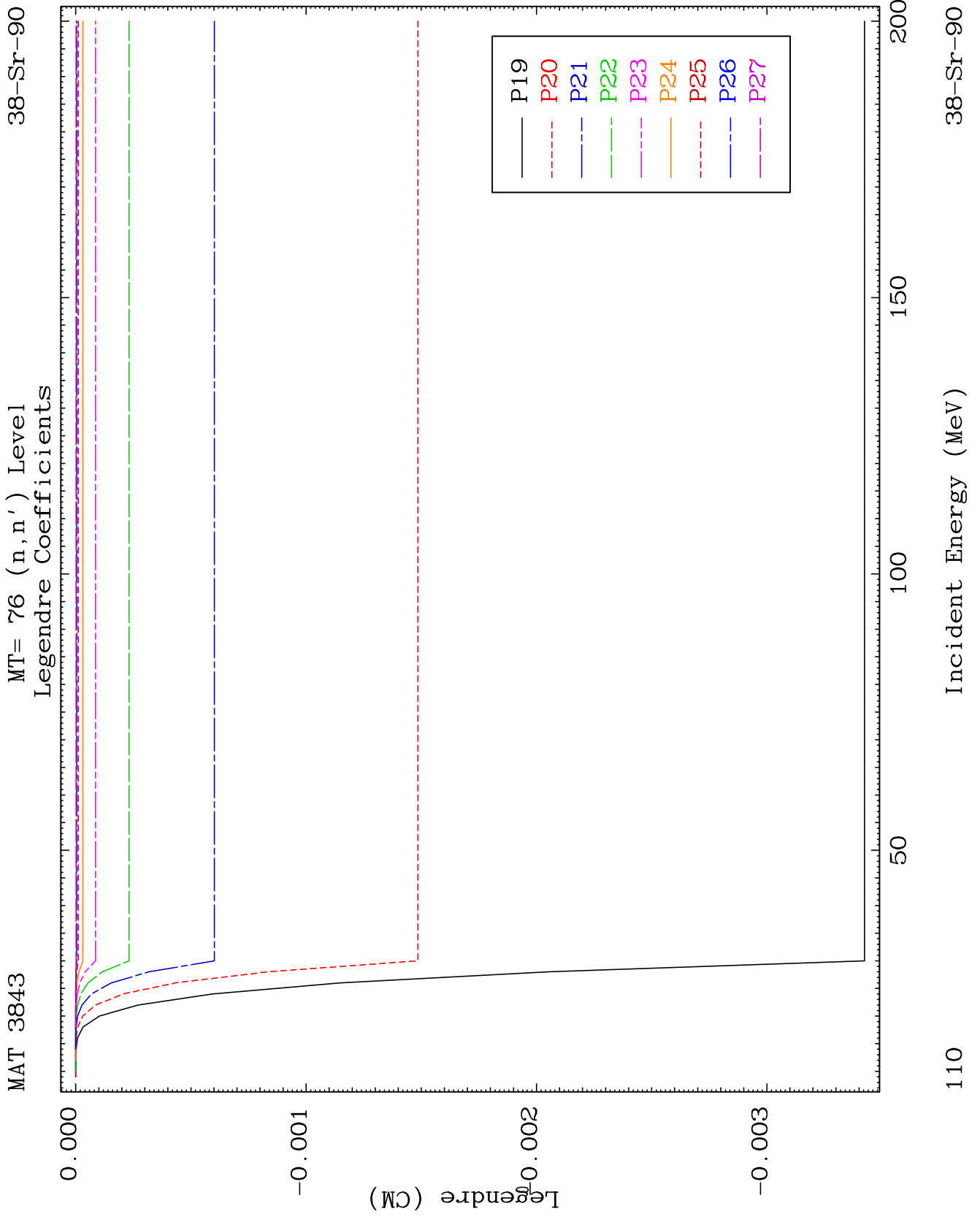
38-Sr-90

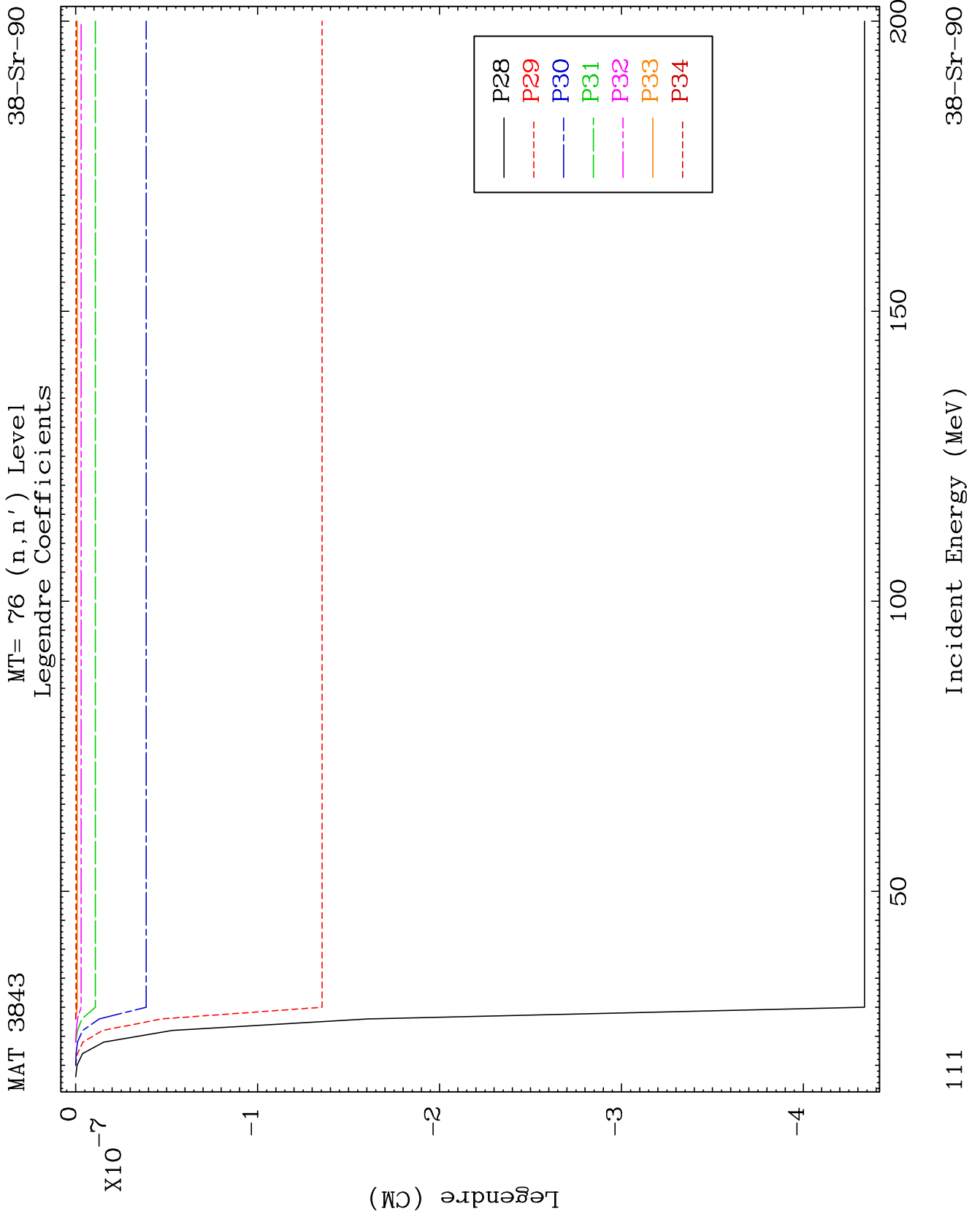


109

Incident Energy (MeV)

38-Sr-90



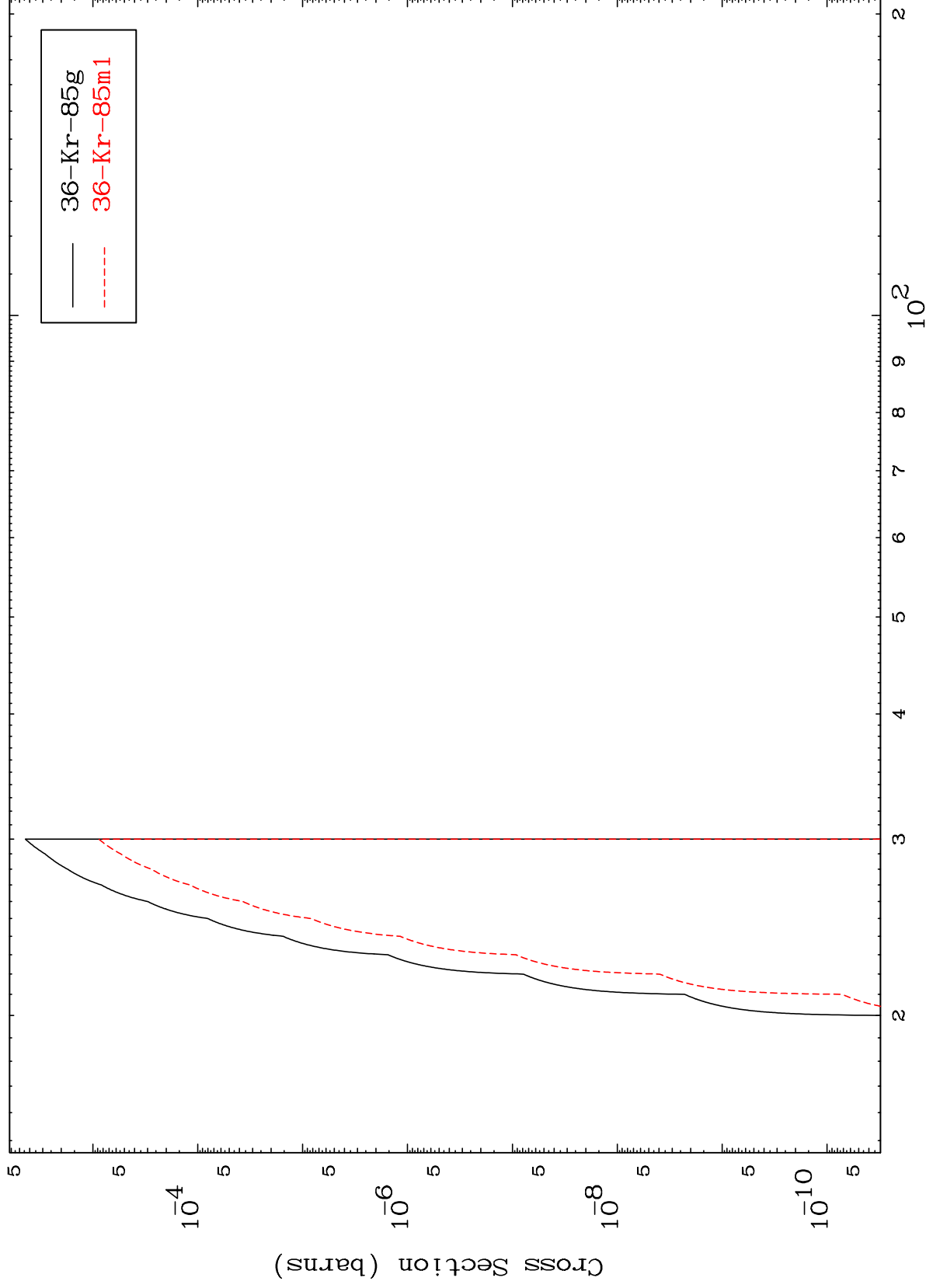


MAT 3843

$(n,2n) \alpha$

38-Sr-90

Radionuclide Production Cross Section



112

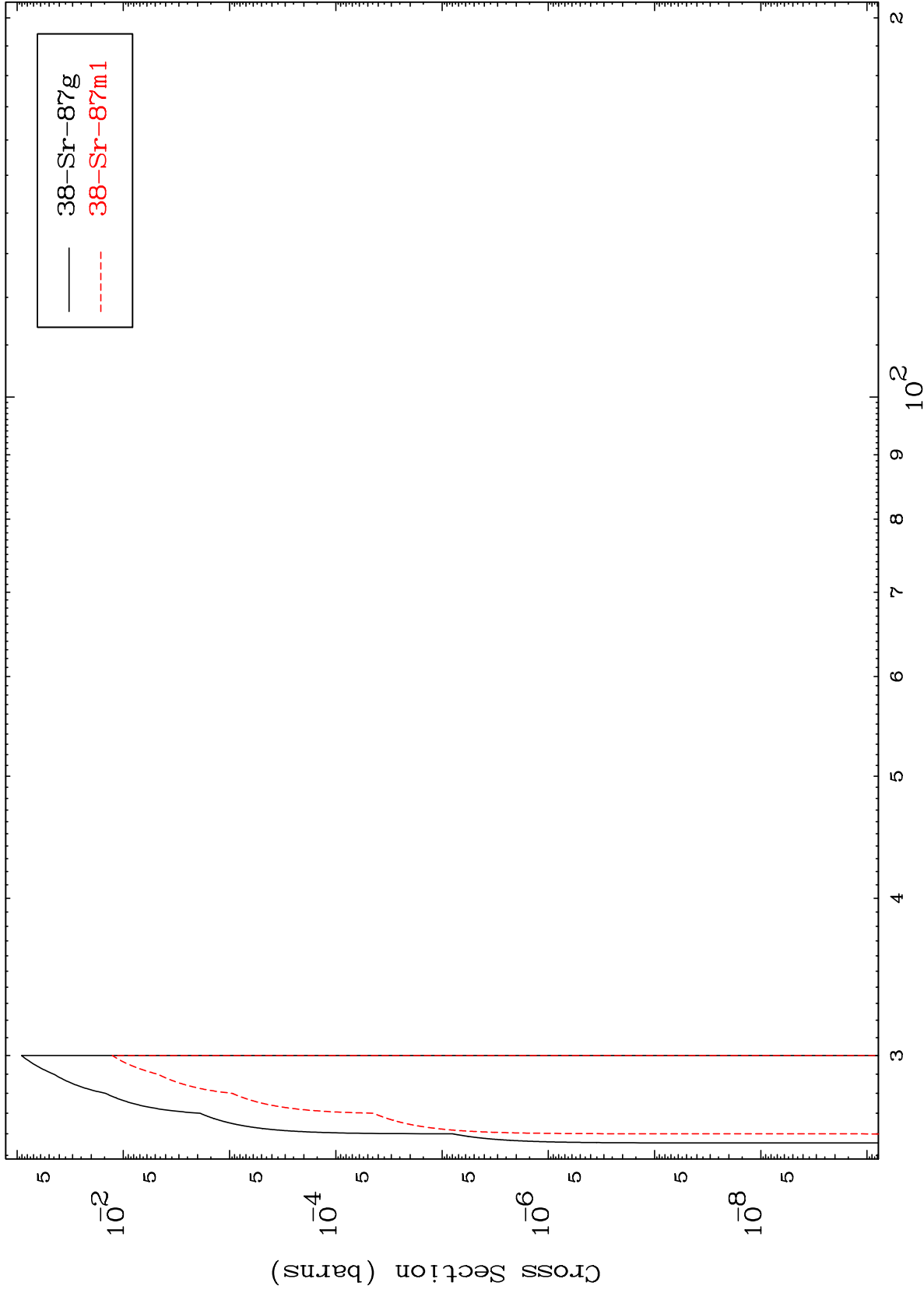
Incident Energy (MeV)

38-Sr-90

MAT 3843

38-Sr-90

(n,4n)
Radionuclide Production Cross Section



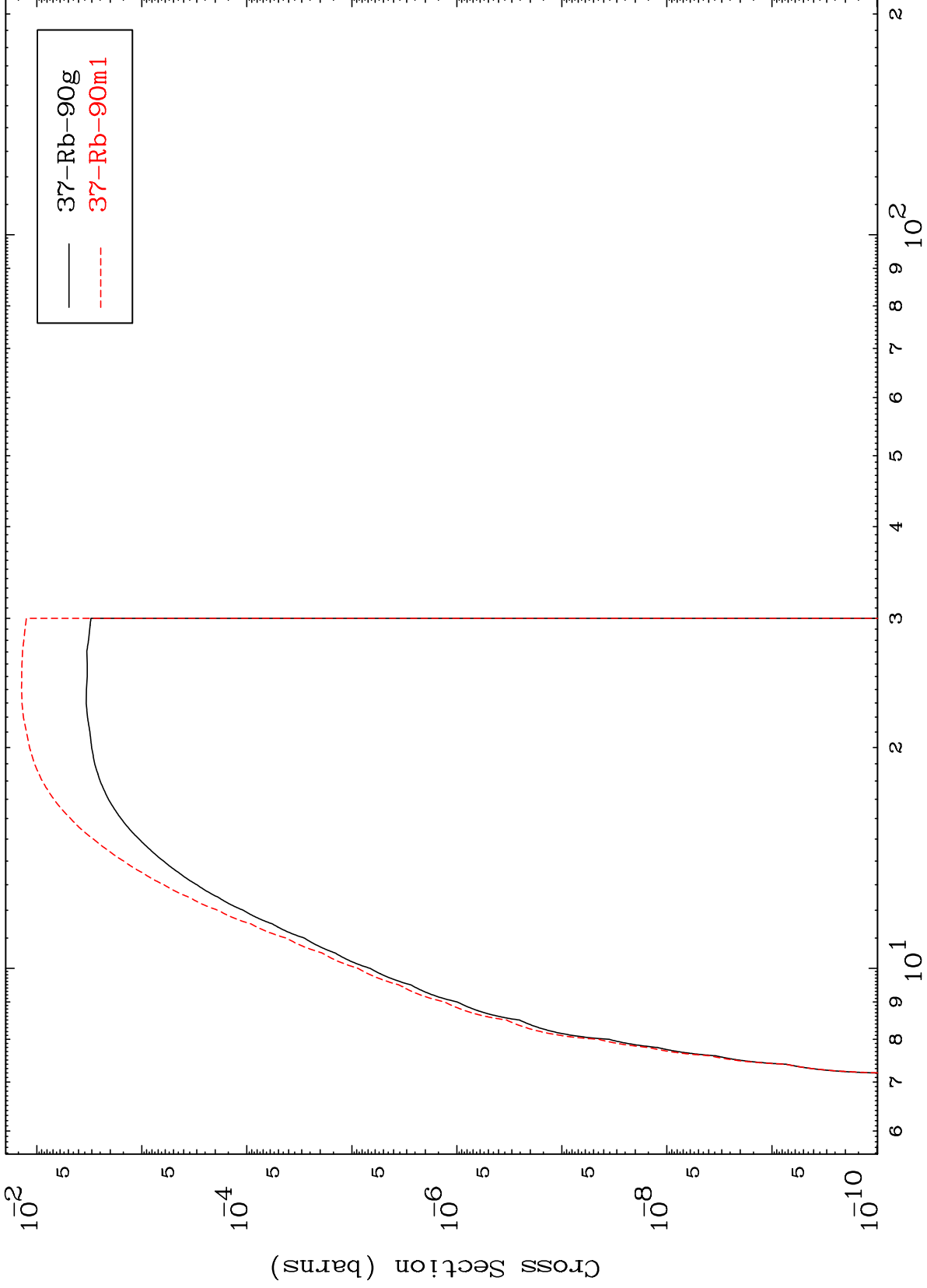
113

38-Sr-90

MAT 3843

38-Sr-90

(n,p)
Radionuclide Production Cross Section



114

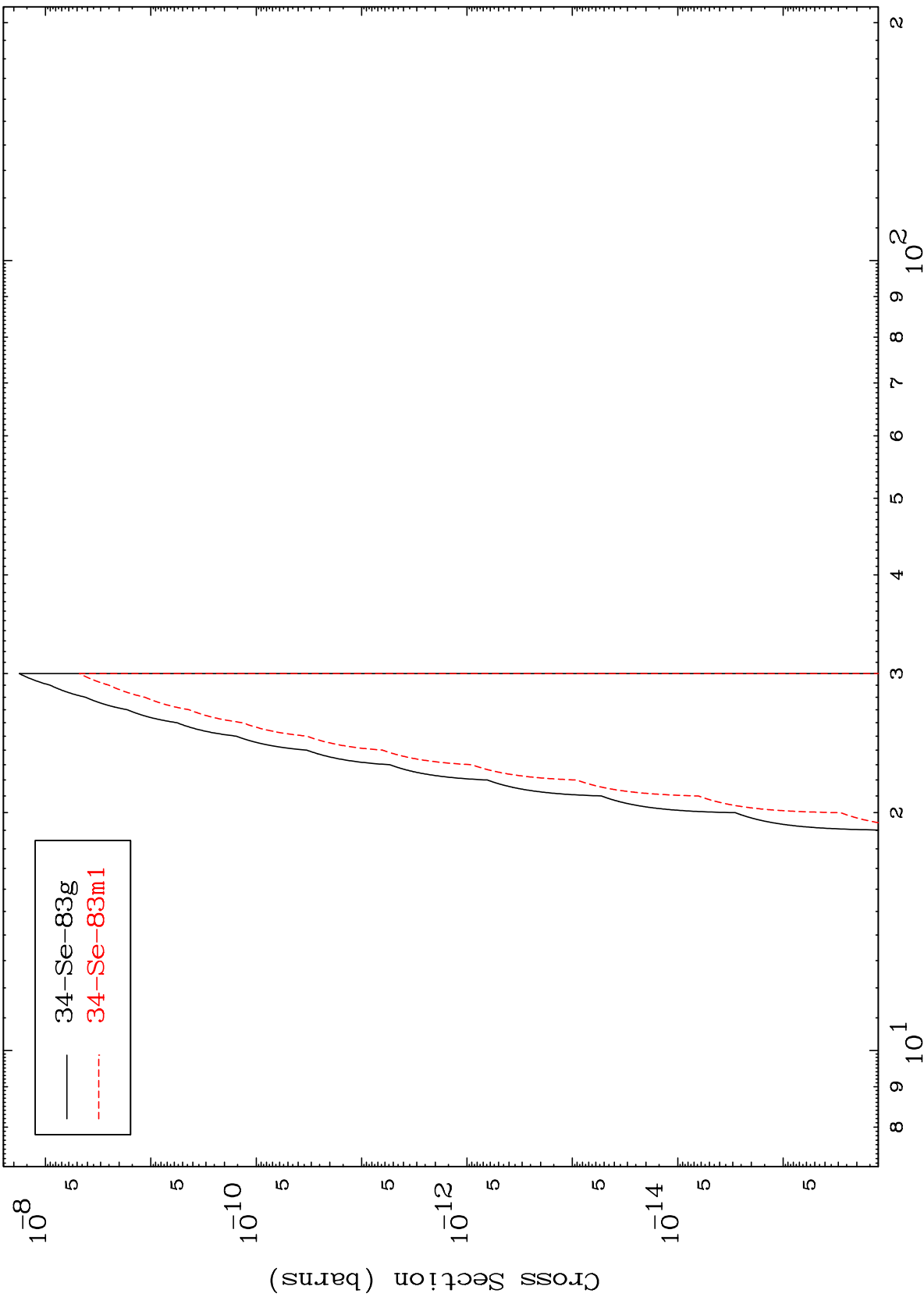
Incident Energy (MeV)

38-Sr-90

MAT 3843

38-Sr-90

Radionuclide Production Cross Section
(n,2 α)



Legend:
— 34-Se-83g
- - - 34-Se-83m1

115

Incident Energy (MeV)

38-Sr-90