

Program EVALPLOT
(Version 2021-1)

by

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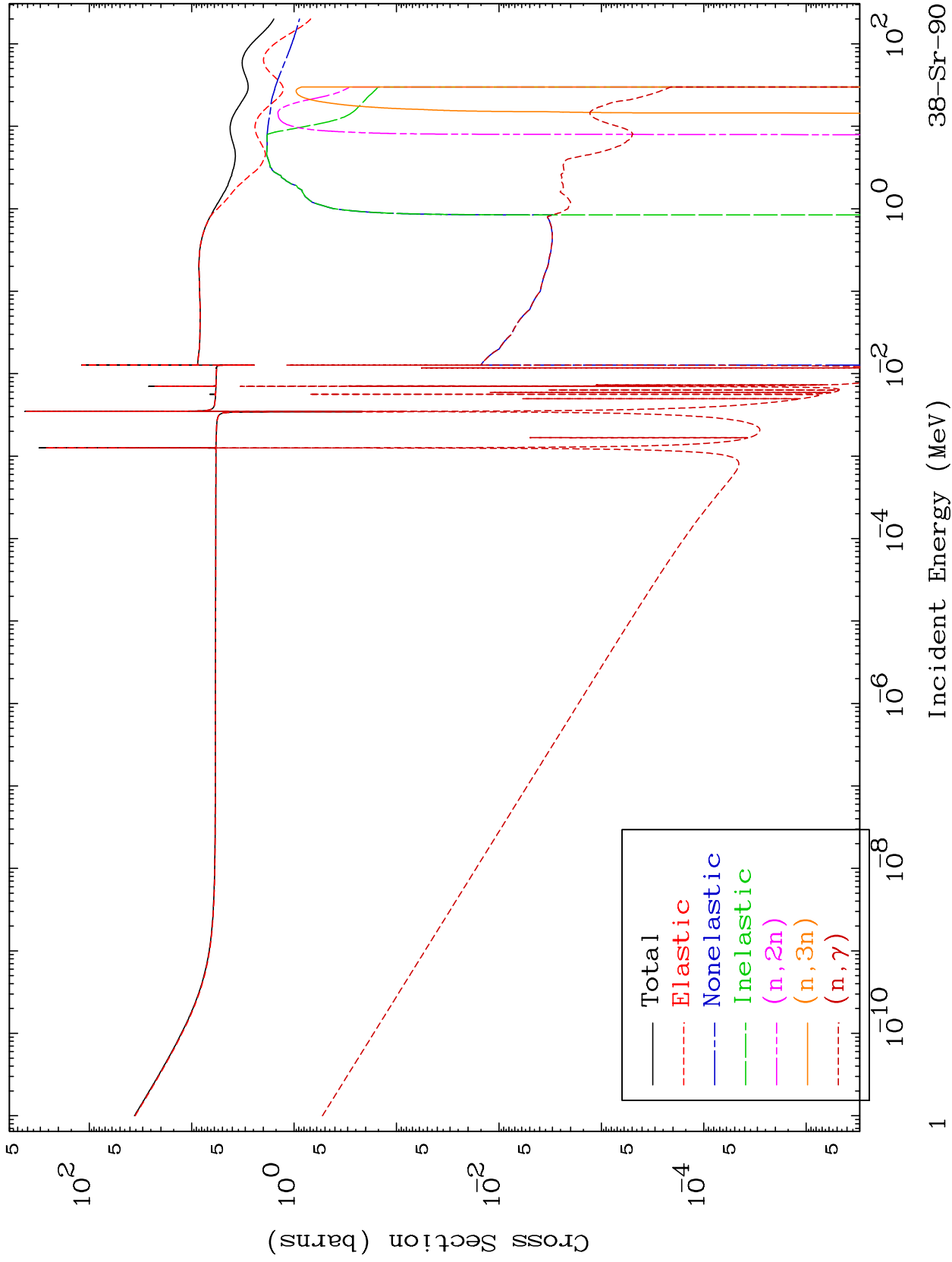
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Press Mouse Button to Start

MAT 3843

Neutron Major
293 Kelvin Cross Sections

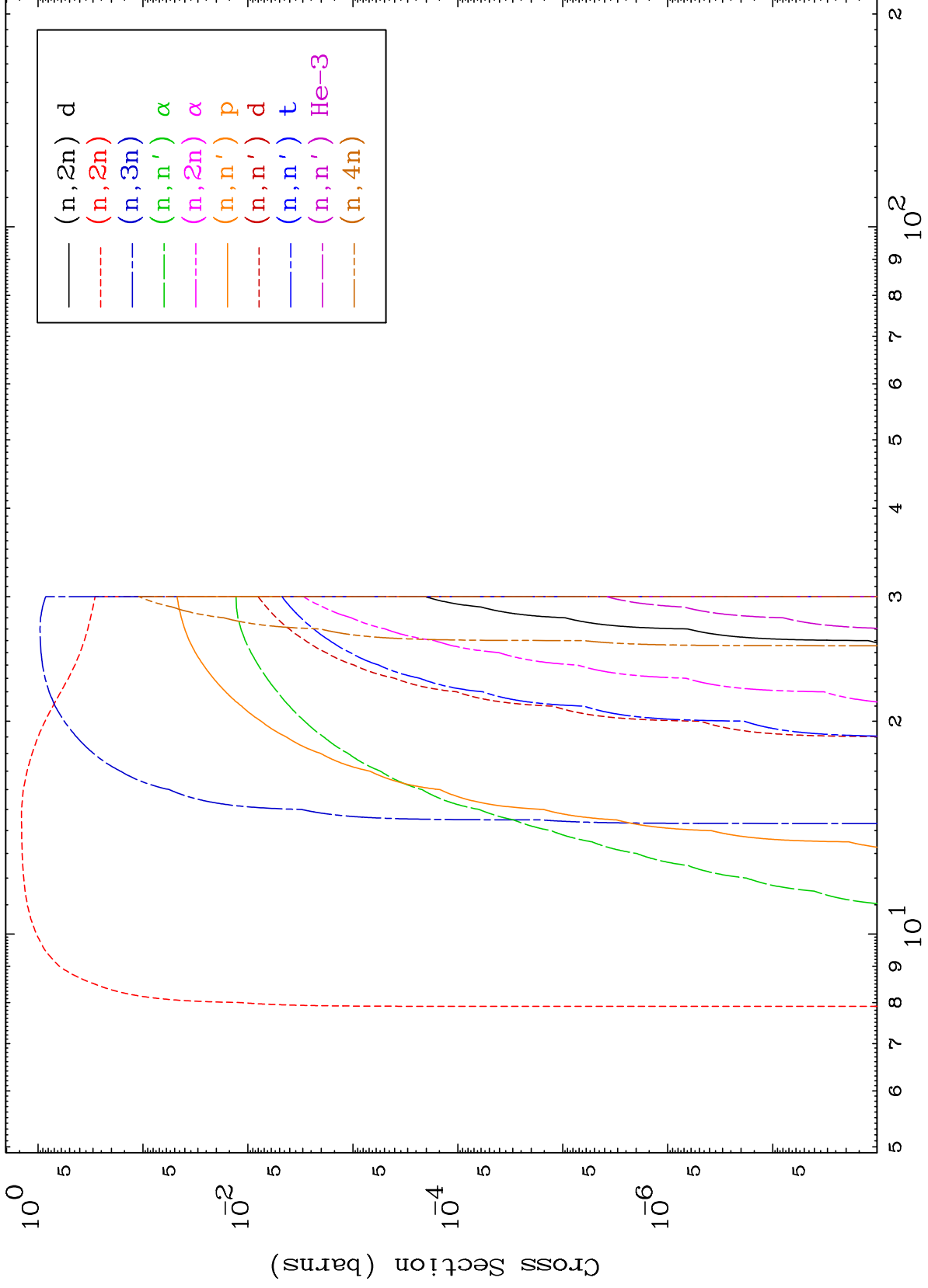
38-Sr-90



MAT 3843

Neutron Absorption
293 Kelvin Cross Sections

38-Sr-90



2

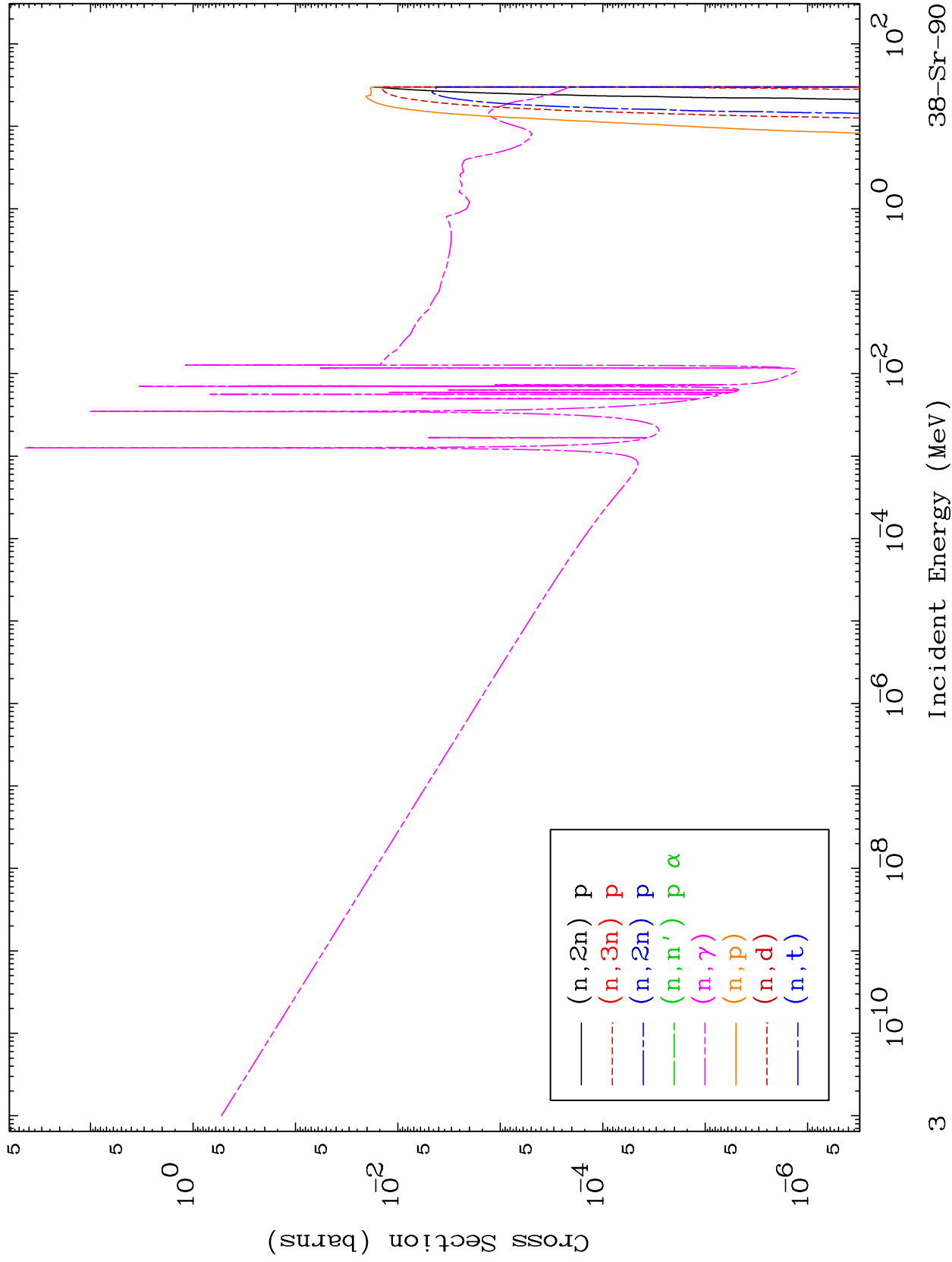
Incident Energy (MeV)

38-Sr-90

MAT 3843

Neutron Absorption
293 Kelvin Cross Sections

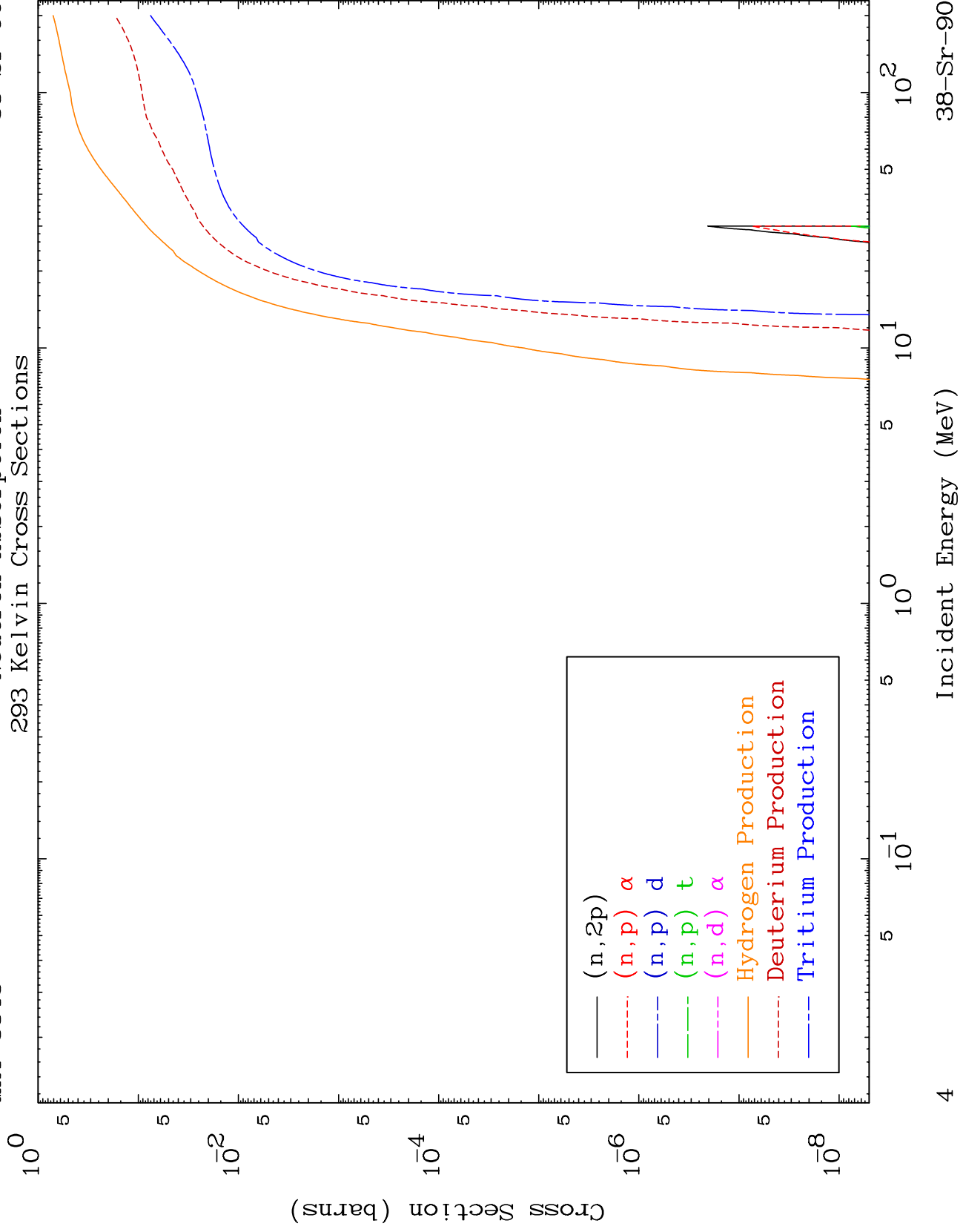
38-Sr-90



MAT 3843

Neutron Absorption
293 Kelvin Cross Sections

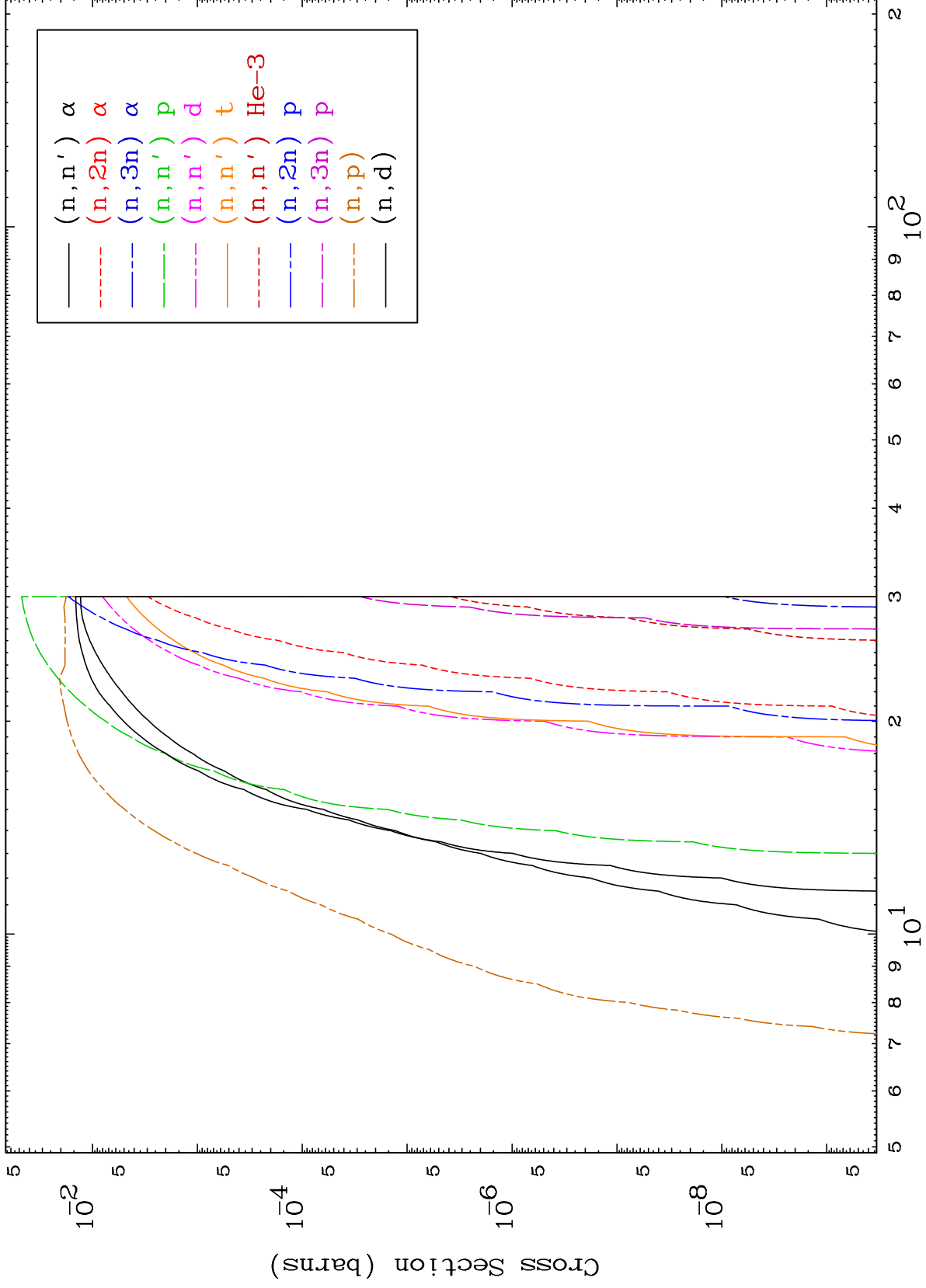
38-Sr-90



MAT 3843

Charged Particle
293 Kelvin Cross Sections

38-Sr-90



5

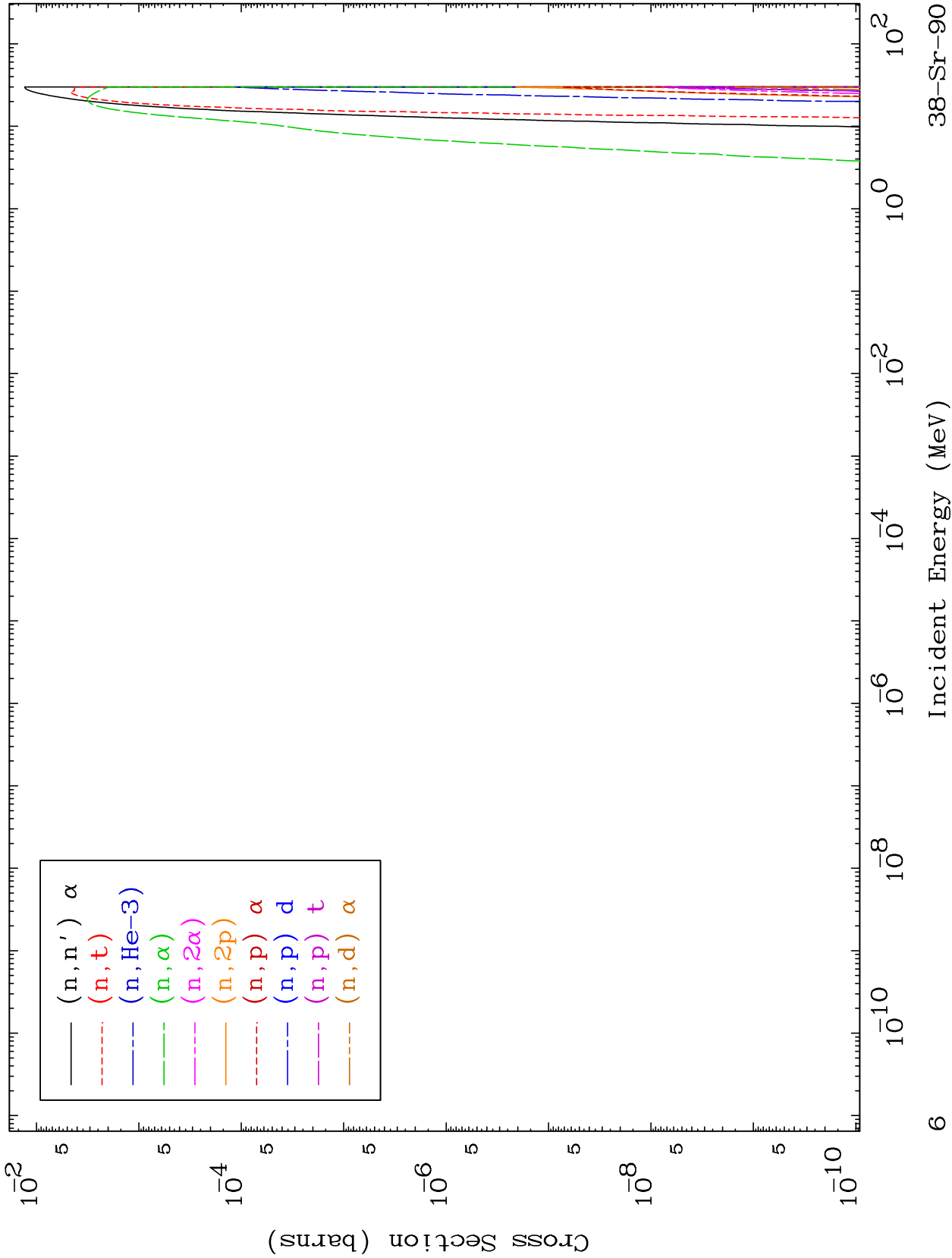
Incident Energy (MeV)

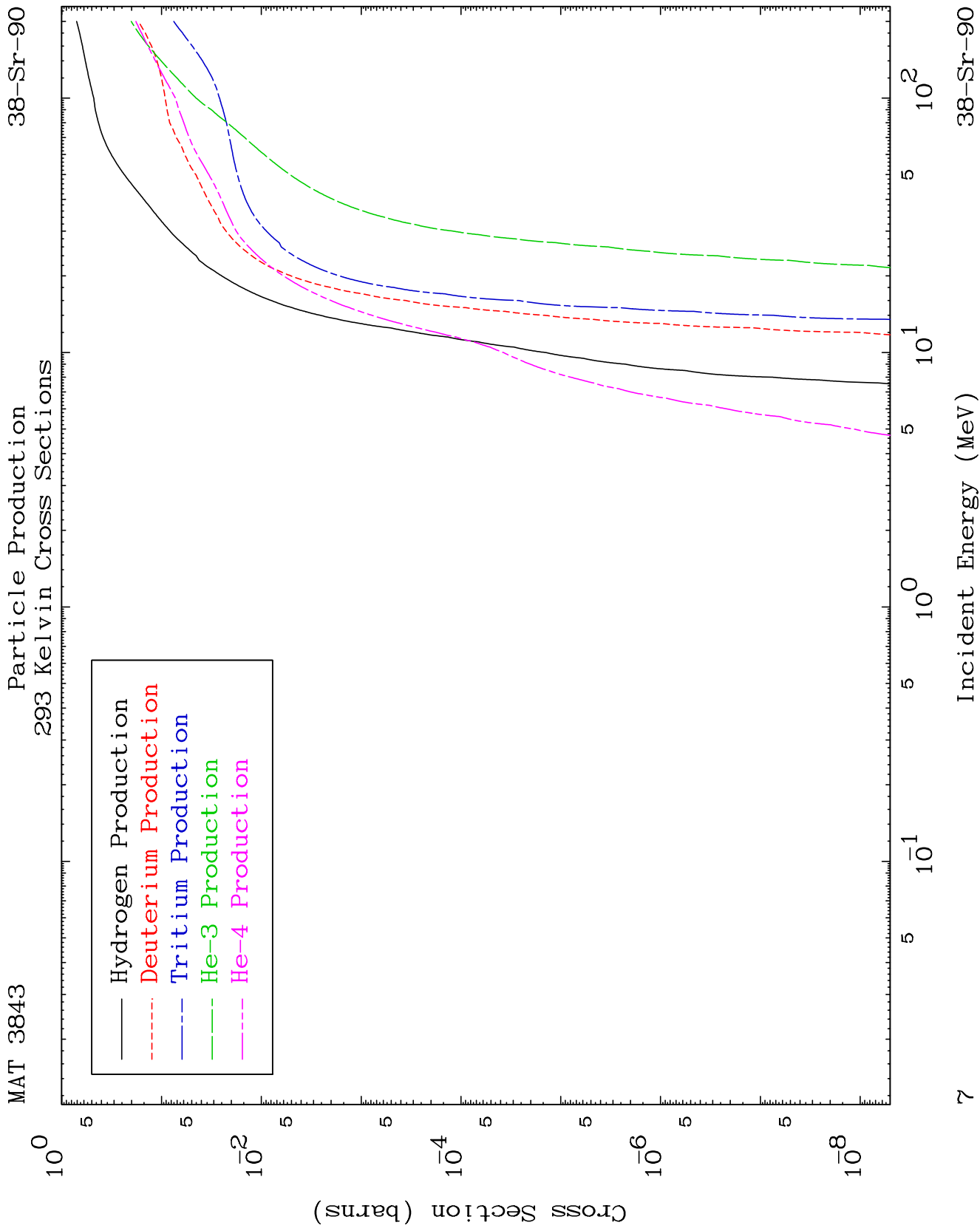
38-Sr-90

MAT 3843

Charged Particle
293 Kelvin Cross Sections

38-Sr-90



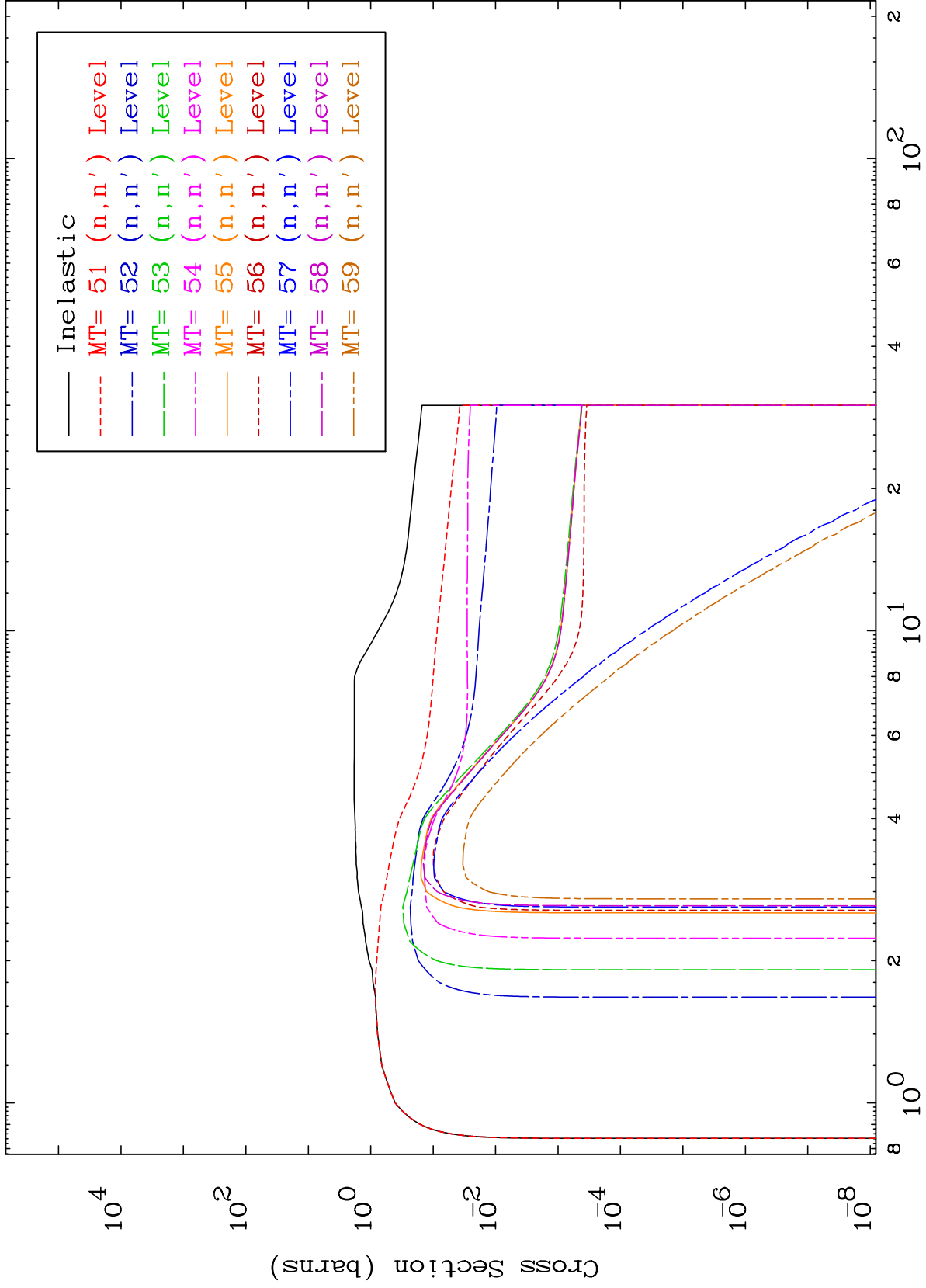


MAT 3843

(n,n') Levels

38-Sr-90

293 Kelvin Cross Sections



8

Incident Energy (MeV)

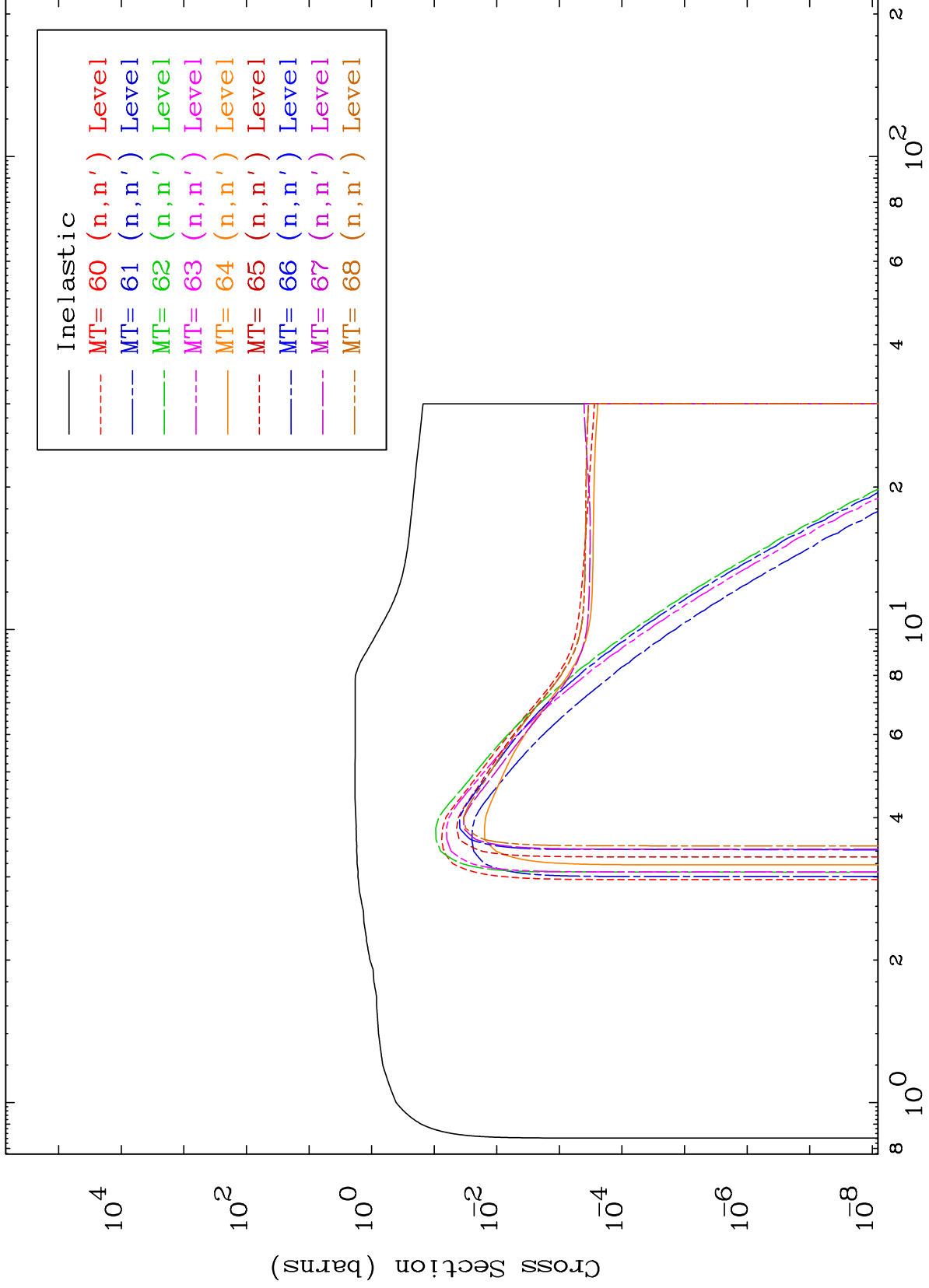
38-Sr-90

MAT 3843

(n,n') Levels

38-Sr-90

293 Kelvin Cross Sections



9

Incident Energy (MeV)

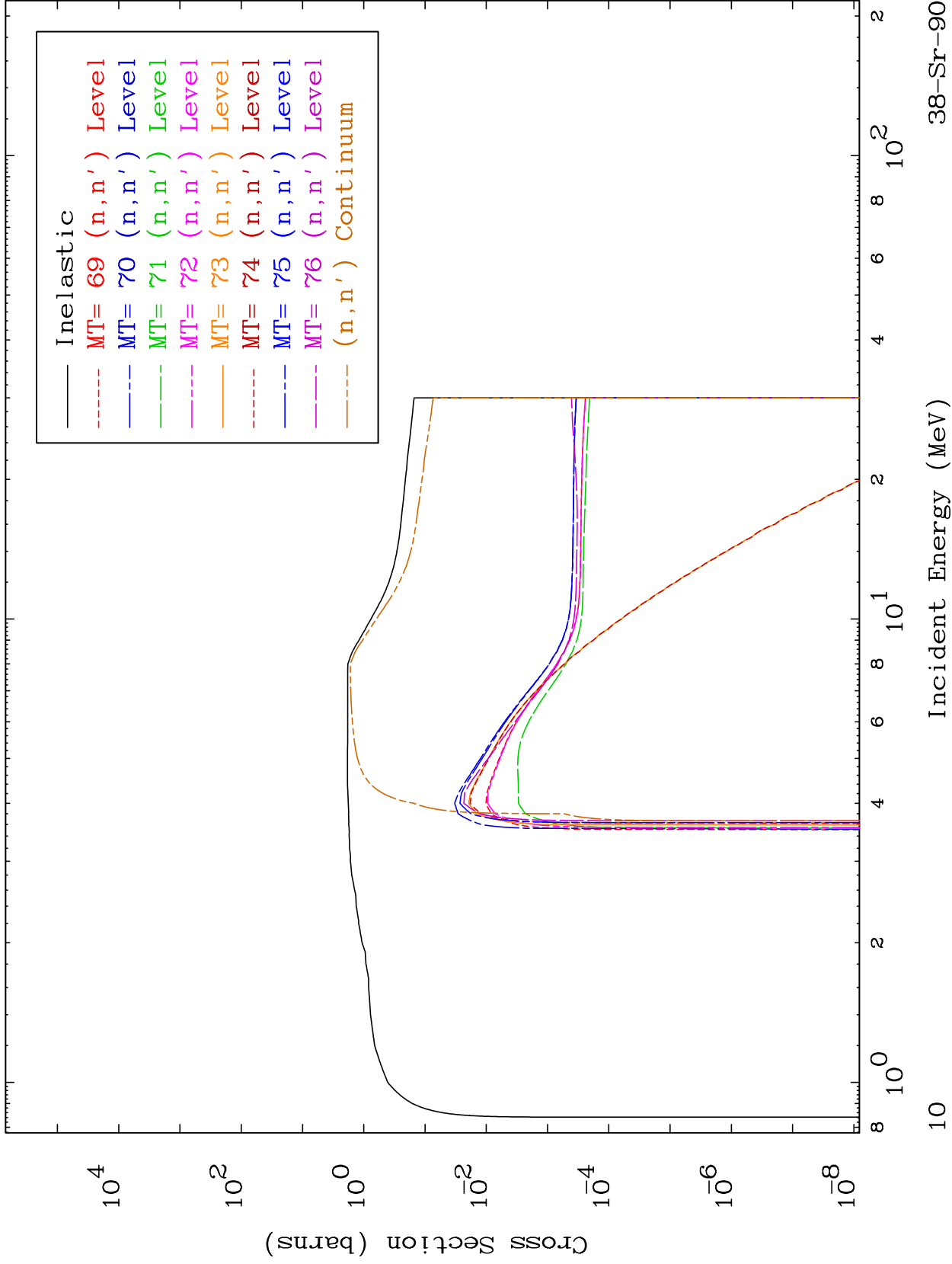
38-Sr-90

MAT 3843

(n,n') Levels

38-Sr-90

293 Kelvin Cross Sections

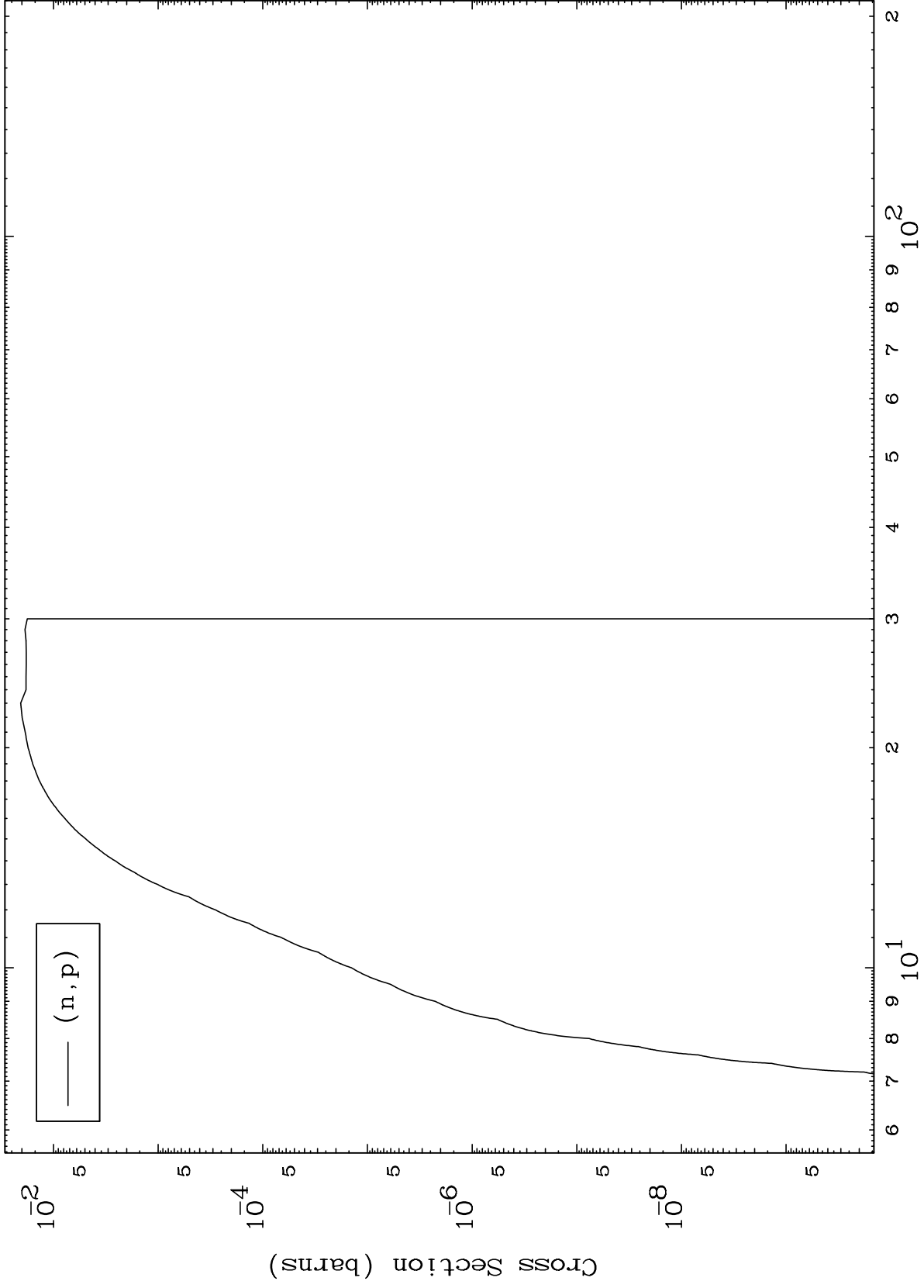


38-Sr-90

MAT 3843

(n,p) Levels
293 Kelvin Cross Sections

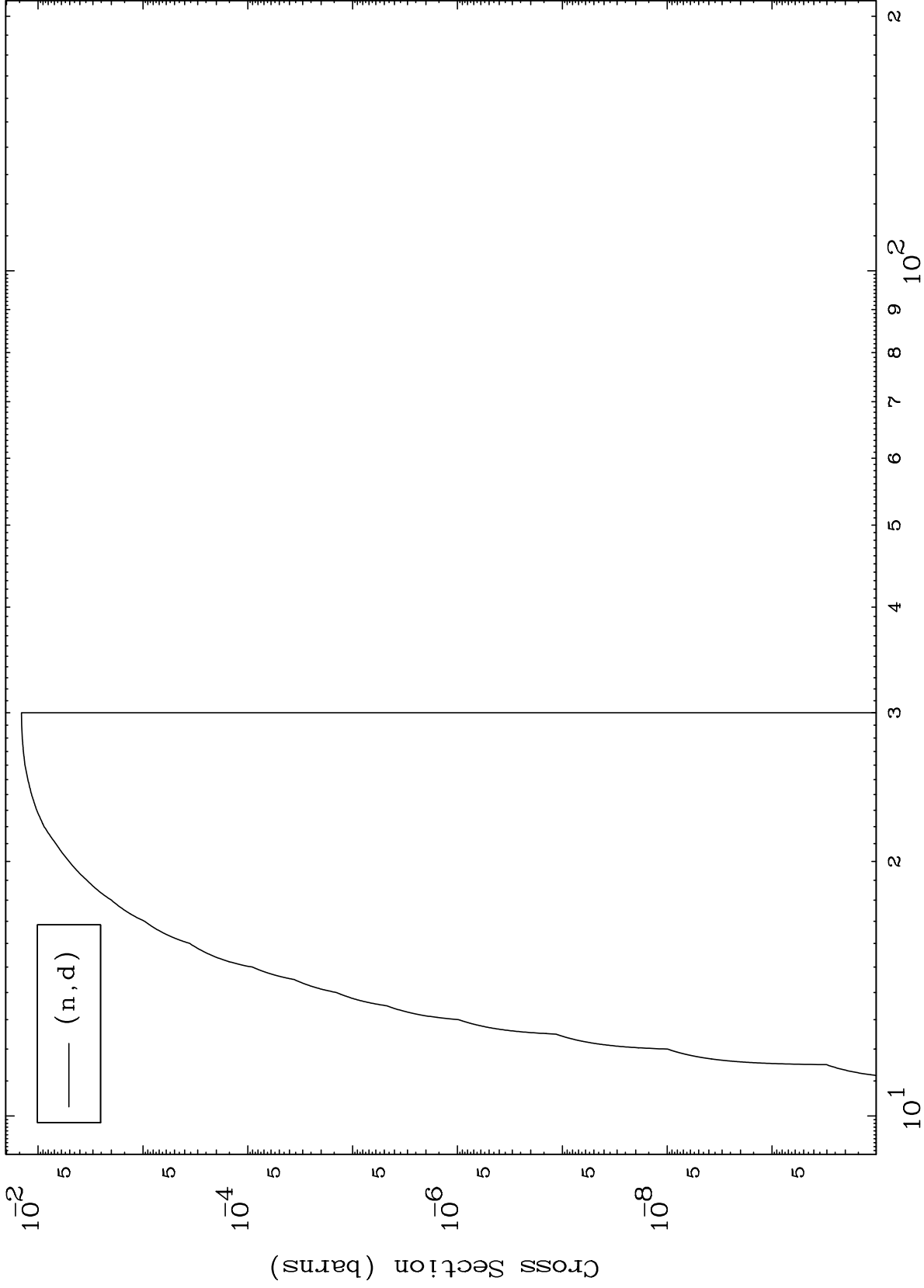
38-Sr-90



MAT 3843

(n,d) Levels
293 Kelvin Cross Sections

38-Sr-90



12

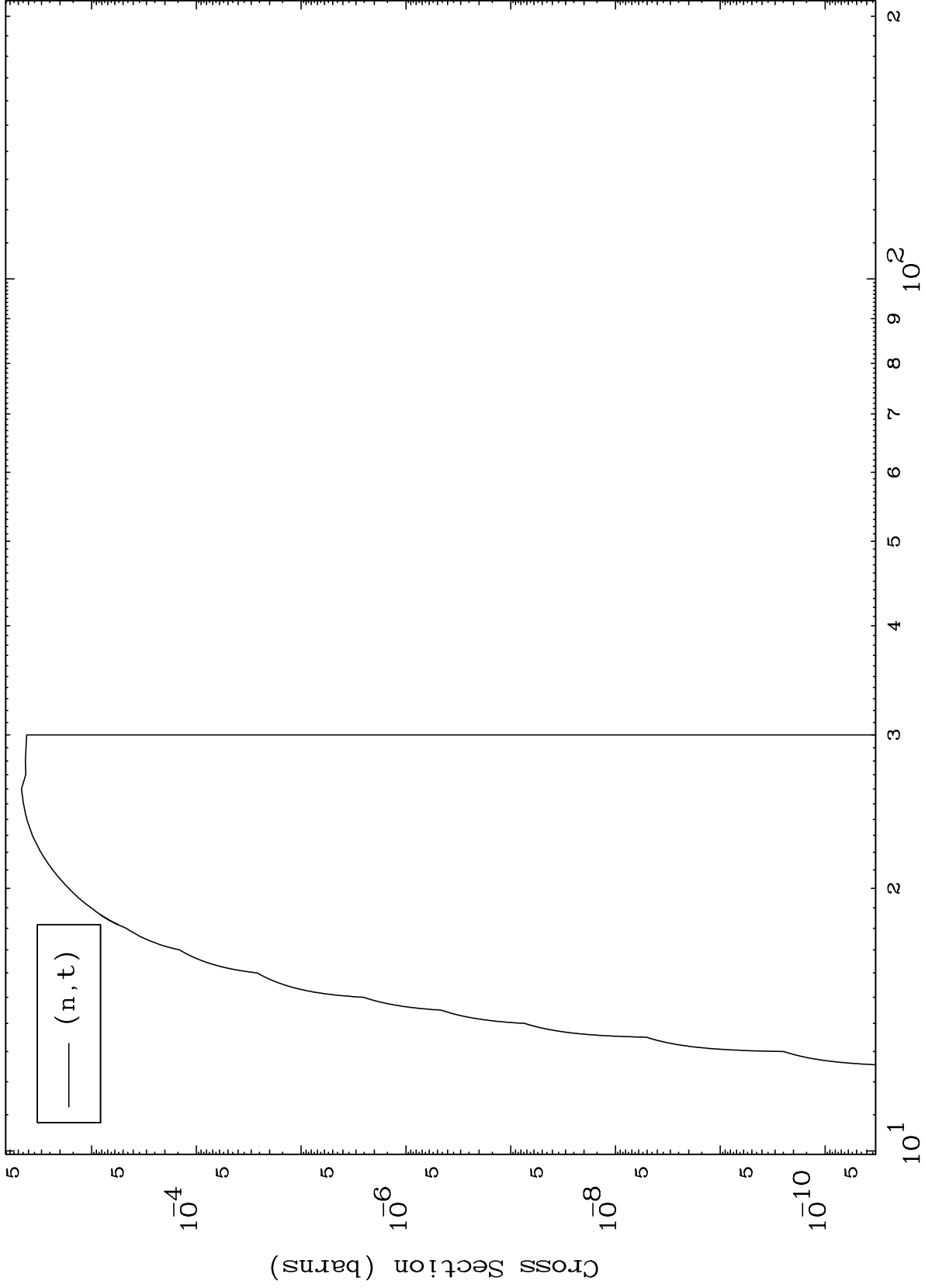
Incident Energy (MeV)

38-Sr-90

MAT 3843

(n,t) Levels
293 Kelvin Cross Sections

38-Sr-90



13

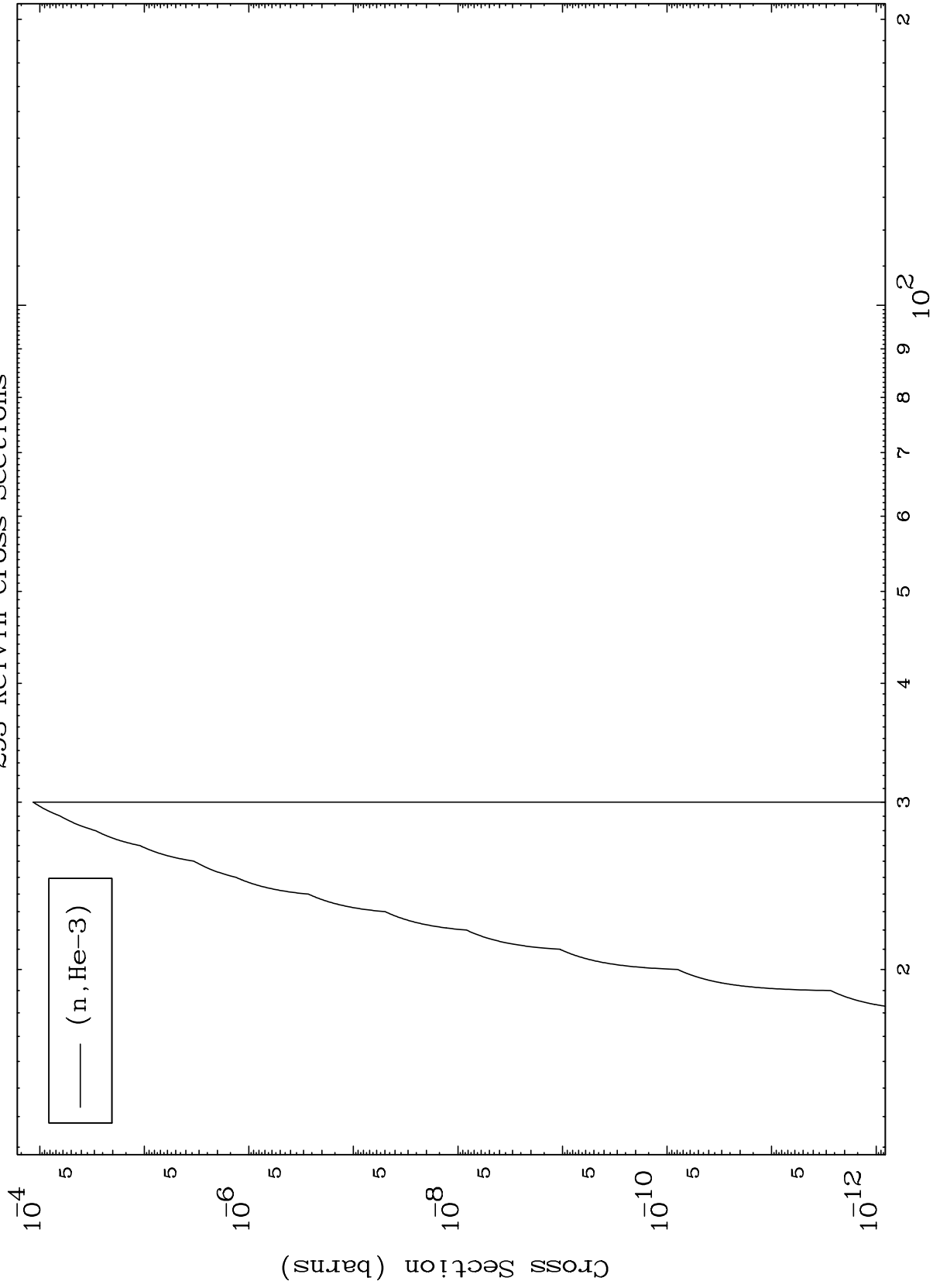
Incident Energy (MeV)

38-Sr-90

MAT 3843

(n,He3) Levels
293 Kelvin Cross Sections

38-Sr-90



14

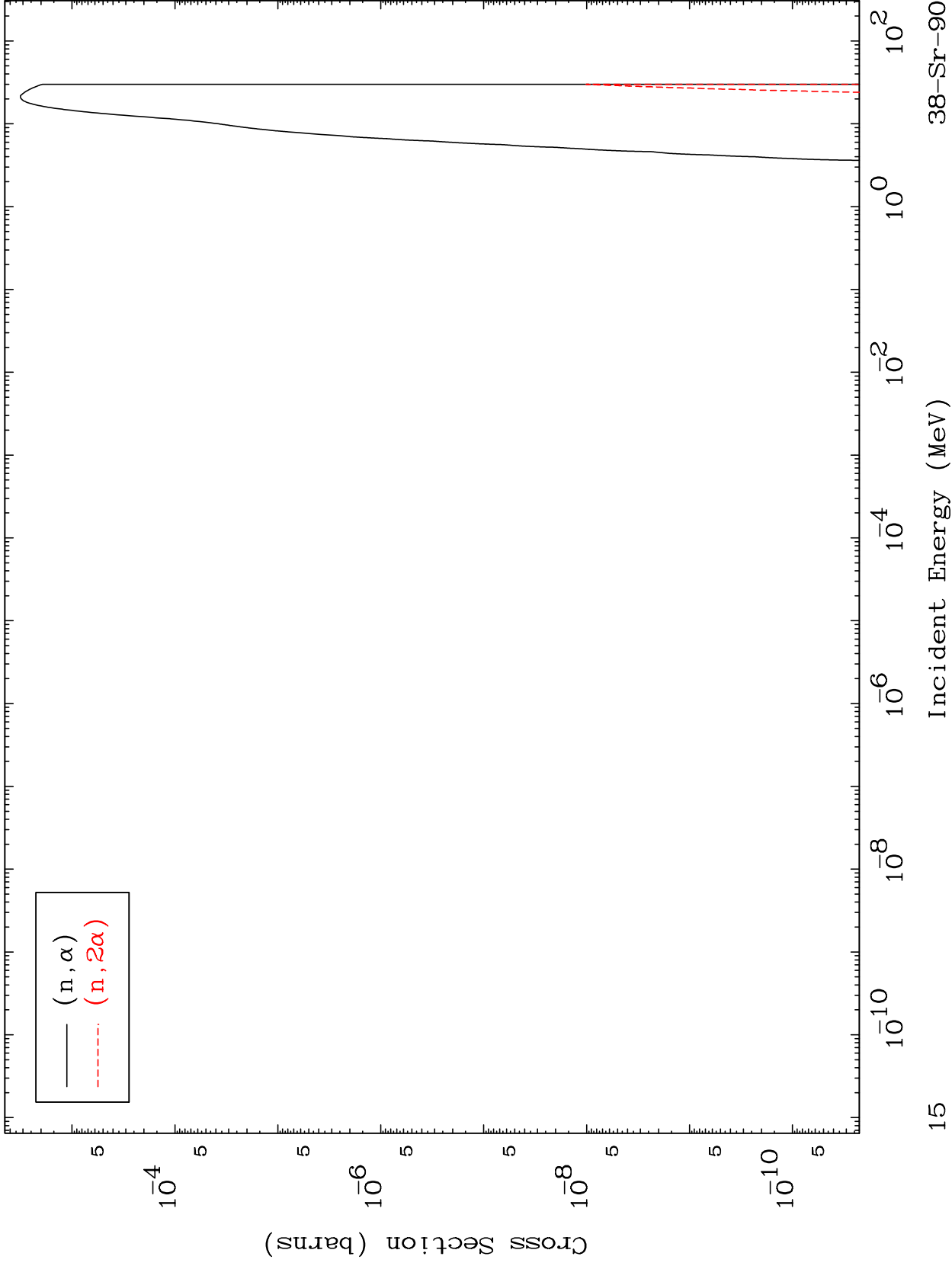
Incident Energy (MeV)

38-Sr-90

MAT 3843

(n, α) Levels
293 Kelvin Cross Sections

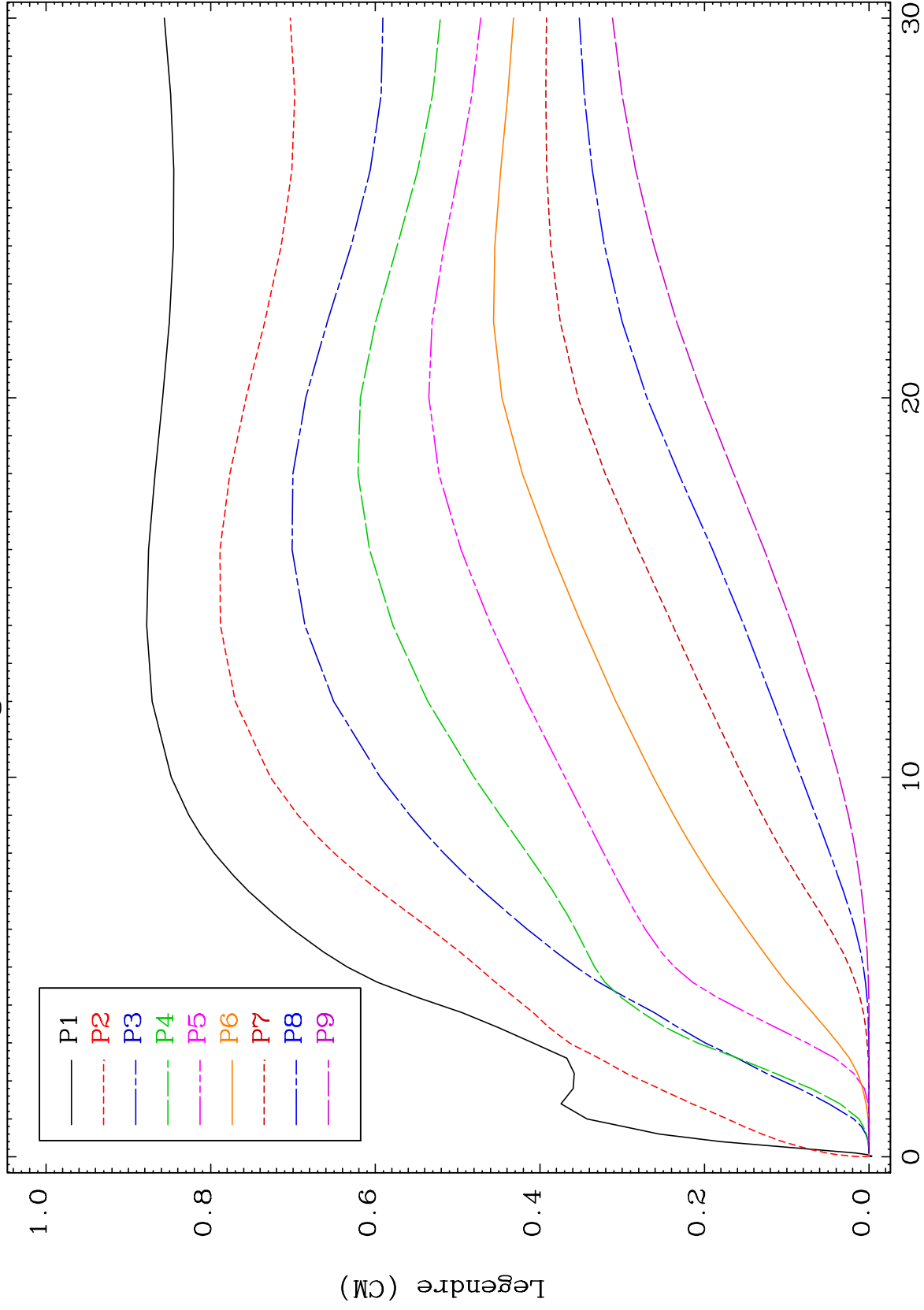
38-Sr-90



MAT 3843

Elastic Legendre Coefficients

38-Sr-90



16

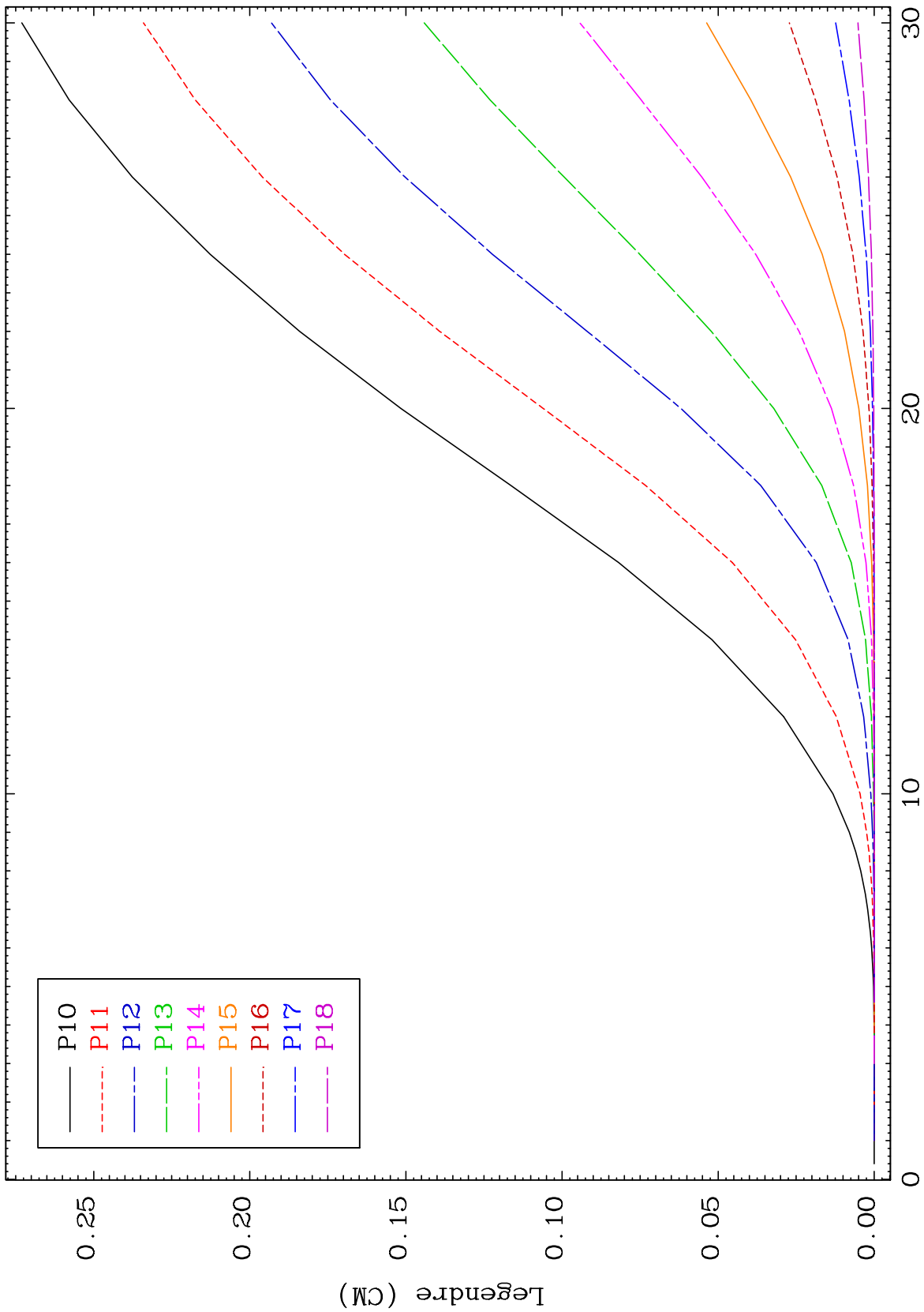
Incident Energy (MeV)

38-Sr-90

MAT 3843

Elastic Legendre Coefficients

³⁸Sr-90



17

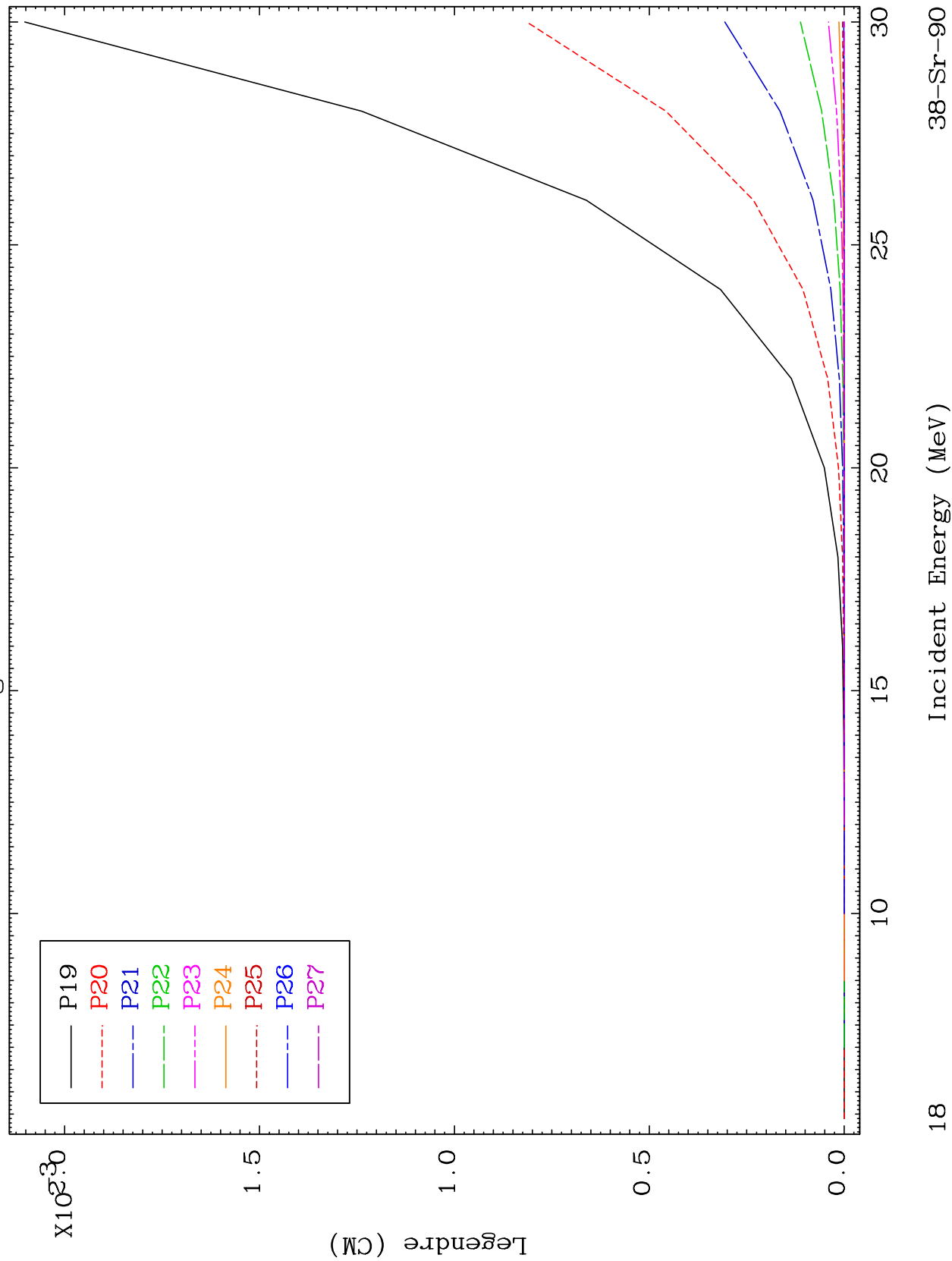
Incident Energy (MeV)

³⁸Sr-90

MAT 3843

Elastic Legendre Coefficients

38-Sr-90



18

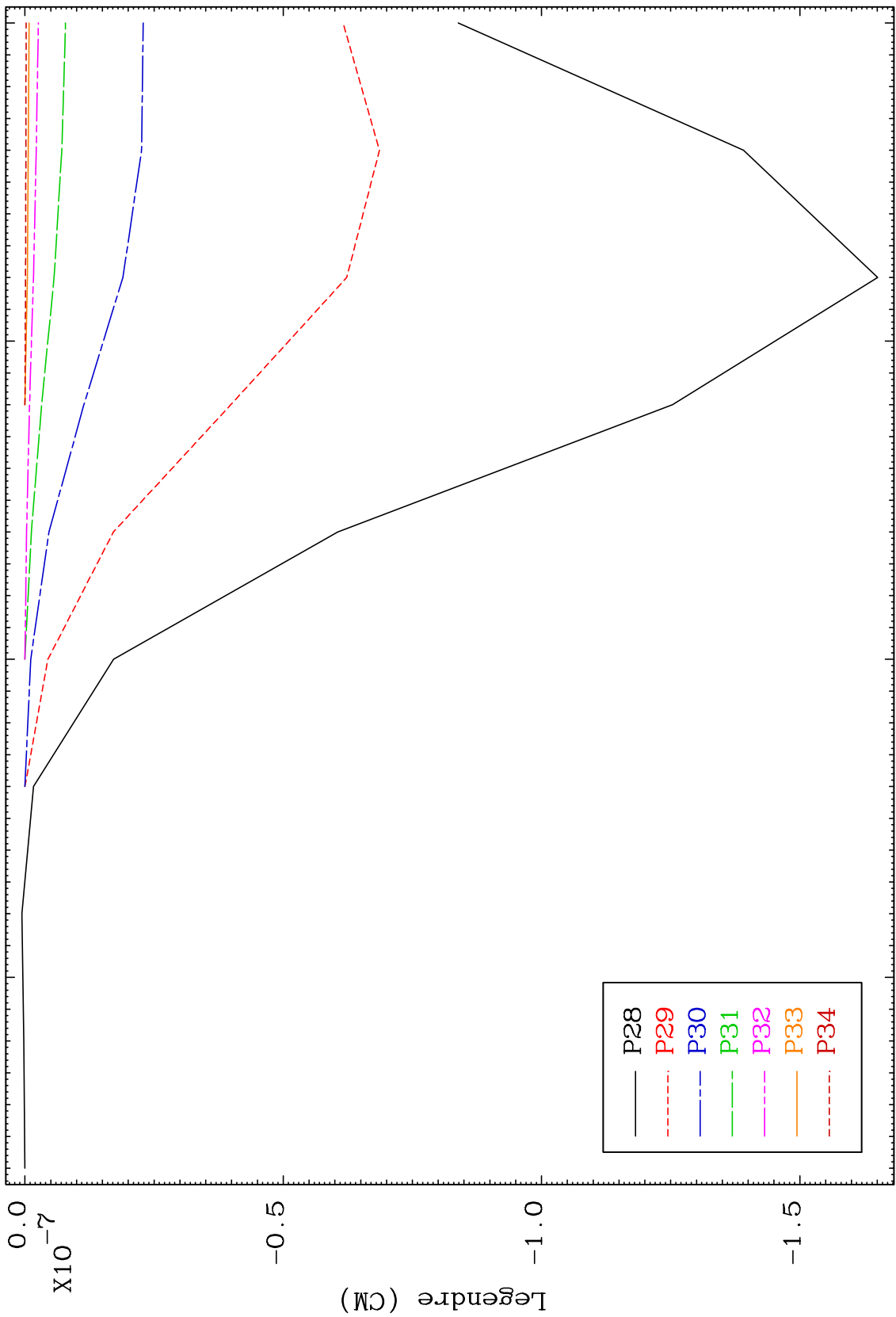
Incident Energy (MeV)

38-Sr-90

MAT 3843

38-Sr-90

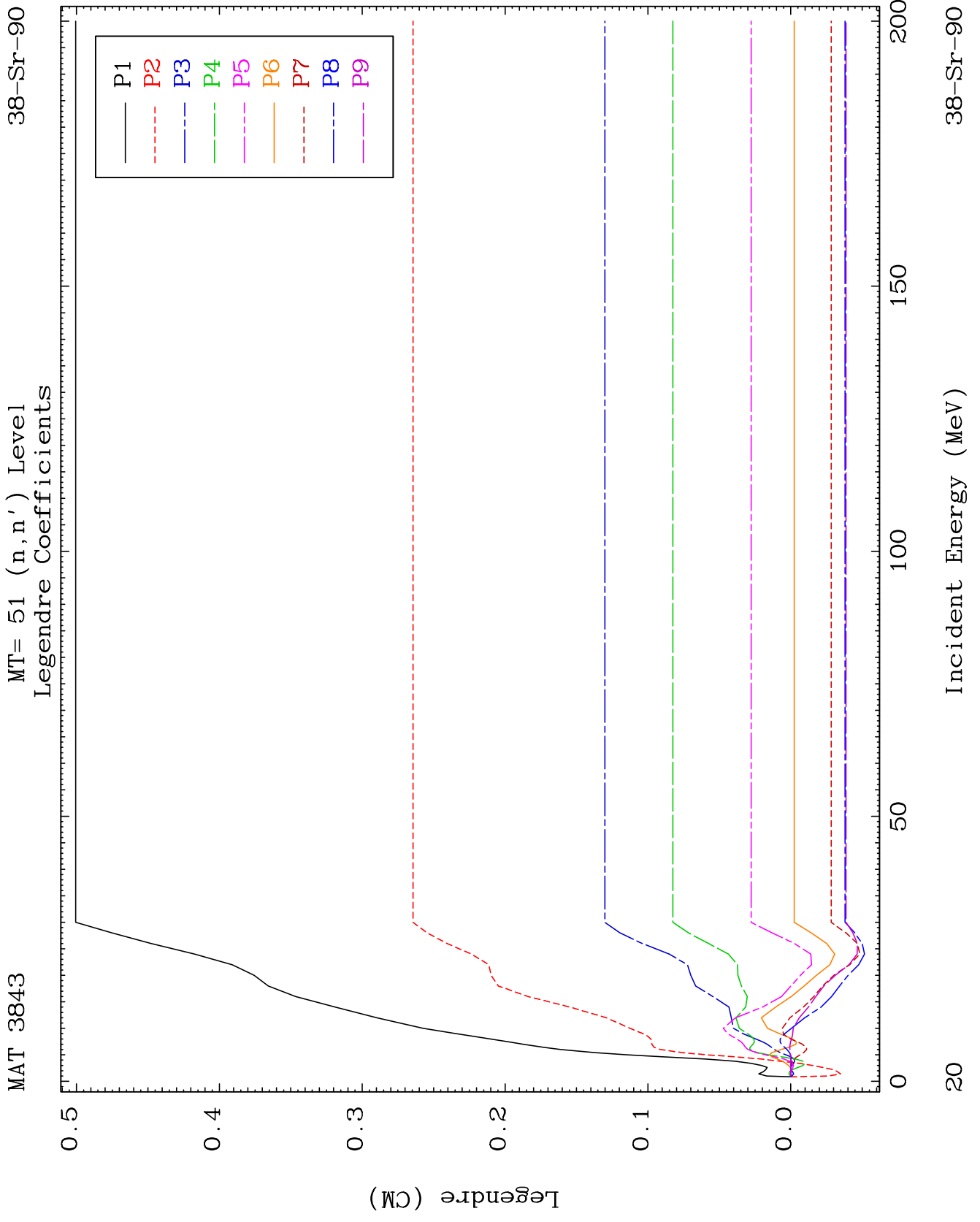
Elastic Legendre Coefficients



19

Incident Energy (MeV)

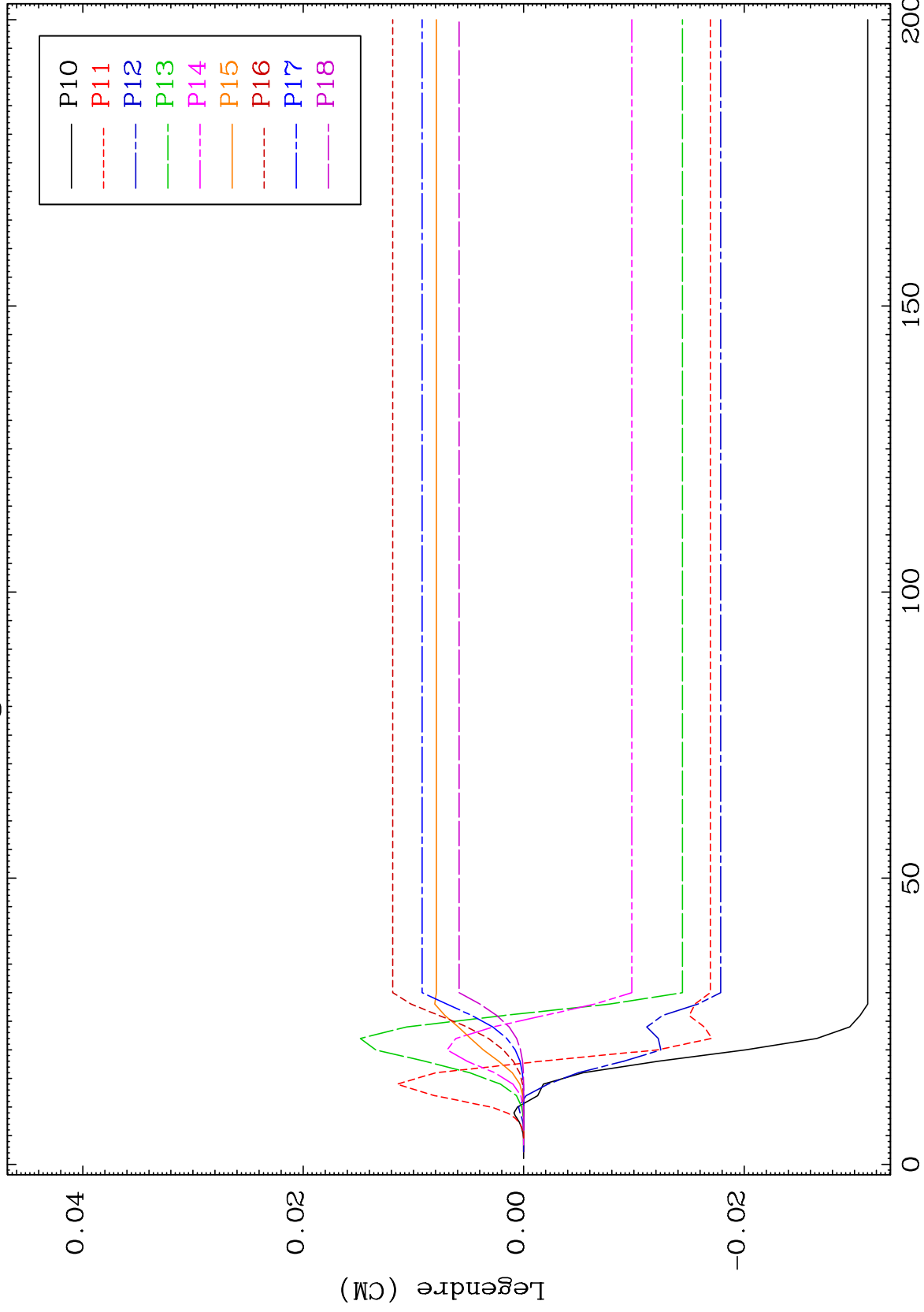
38-Sr-90



MAT 3843

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

38-Sr-90



21

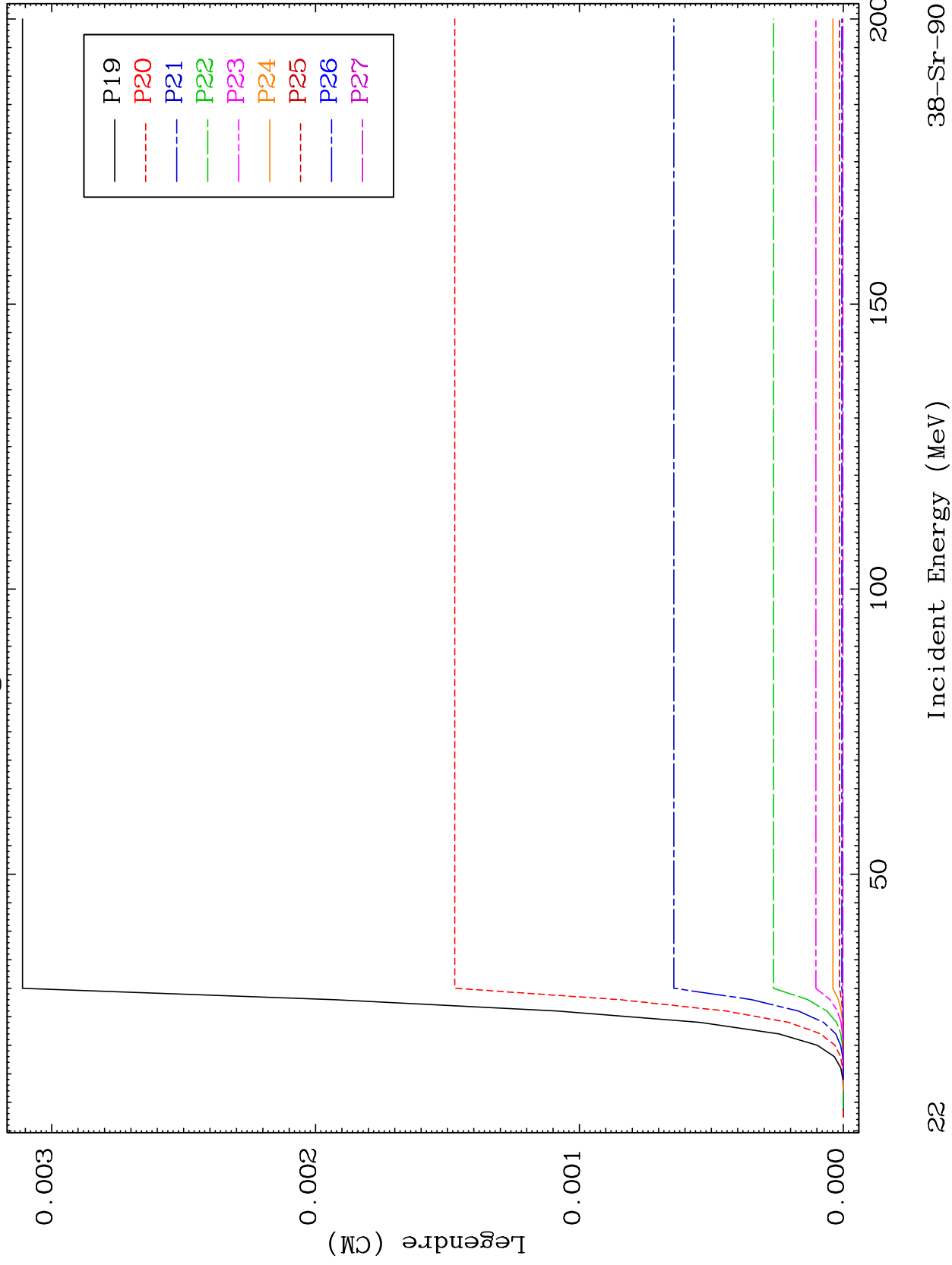
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



22

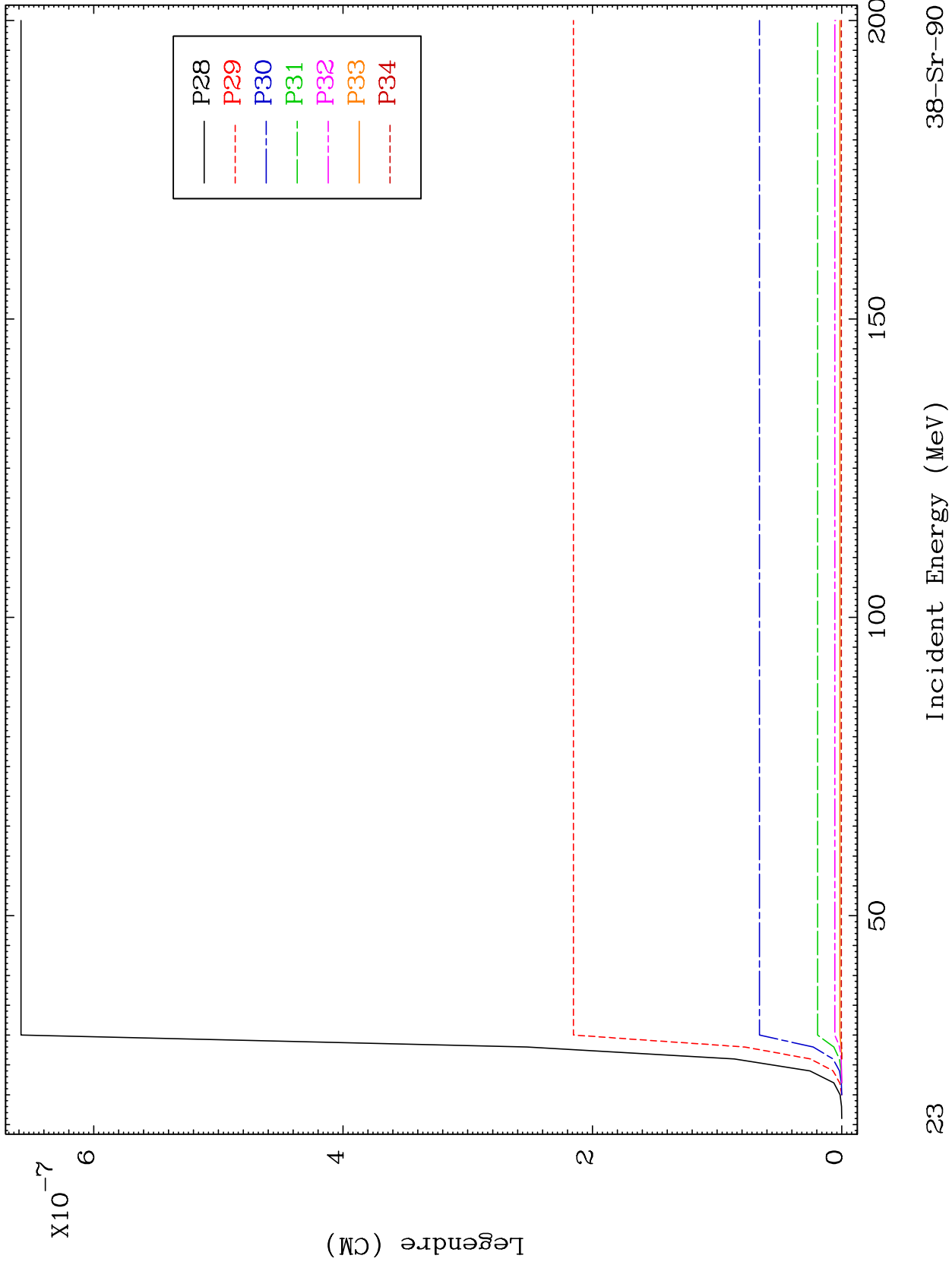
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



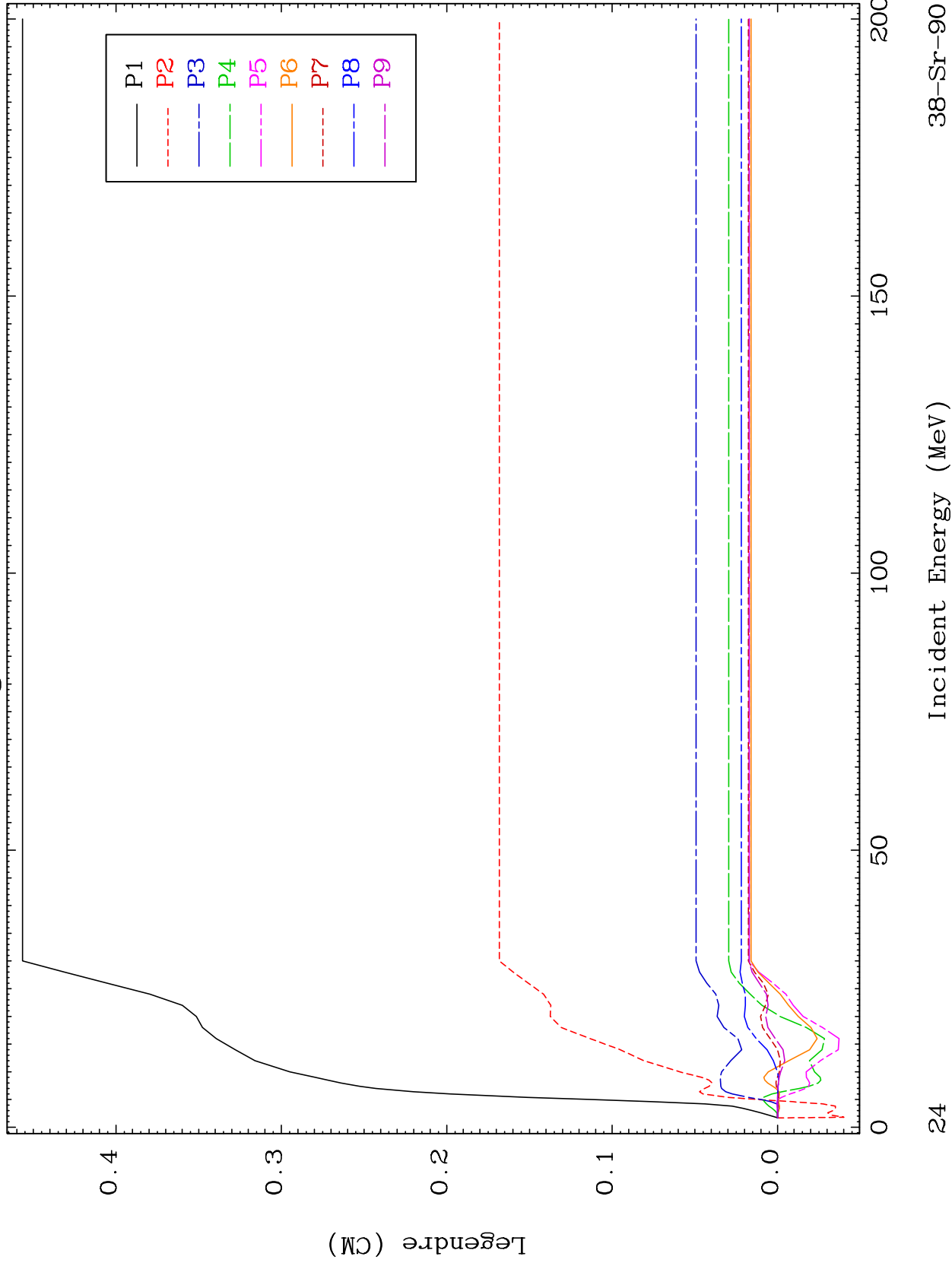
23

38-Sr-90

MAT 3843

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

38-Sr-90



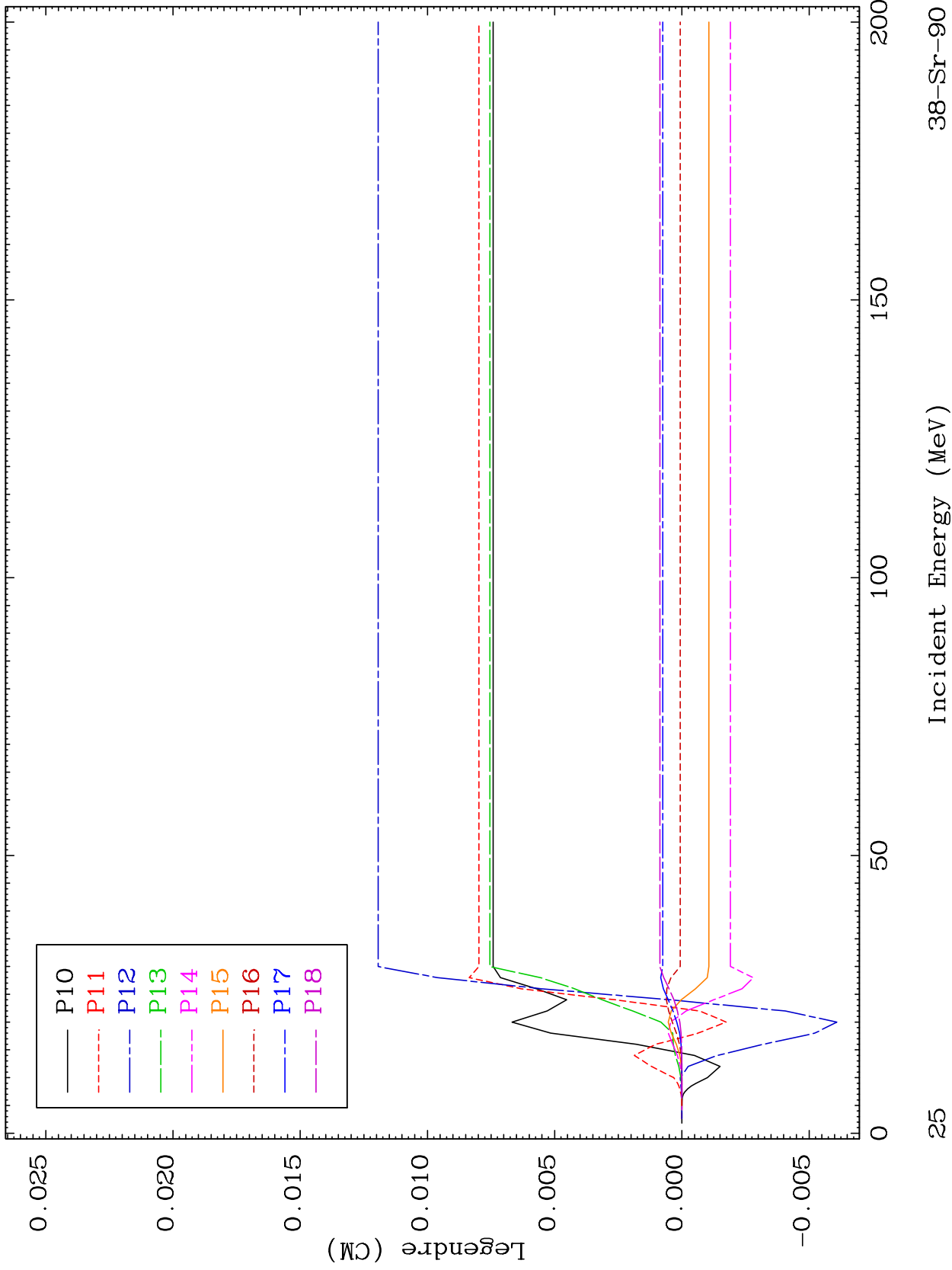
24

38-Sr-90

MAT 3843

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

38-Sr-90



38-Sr-90

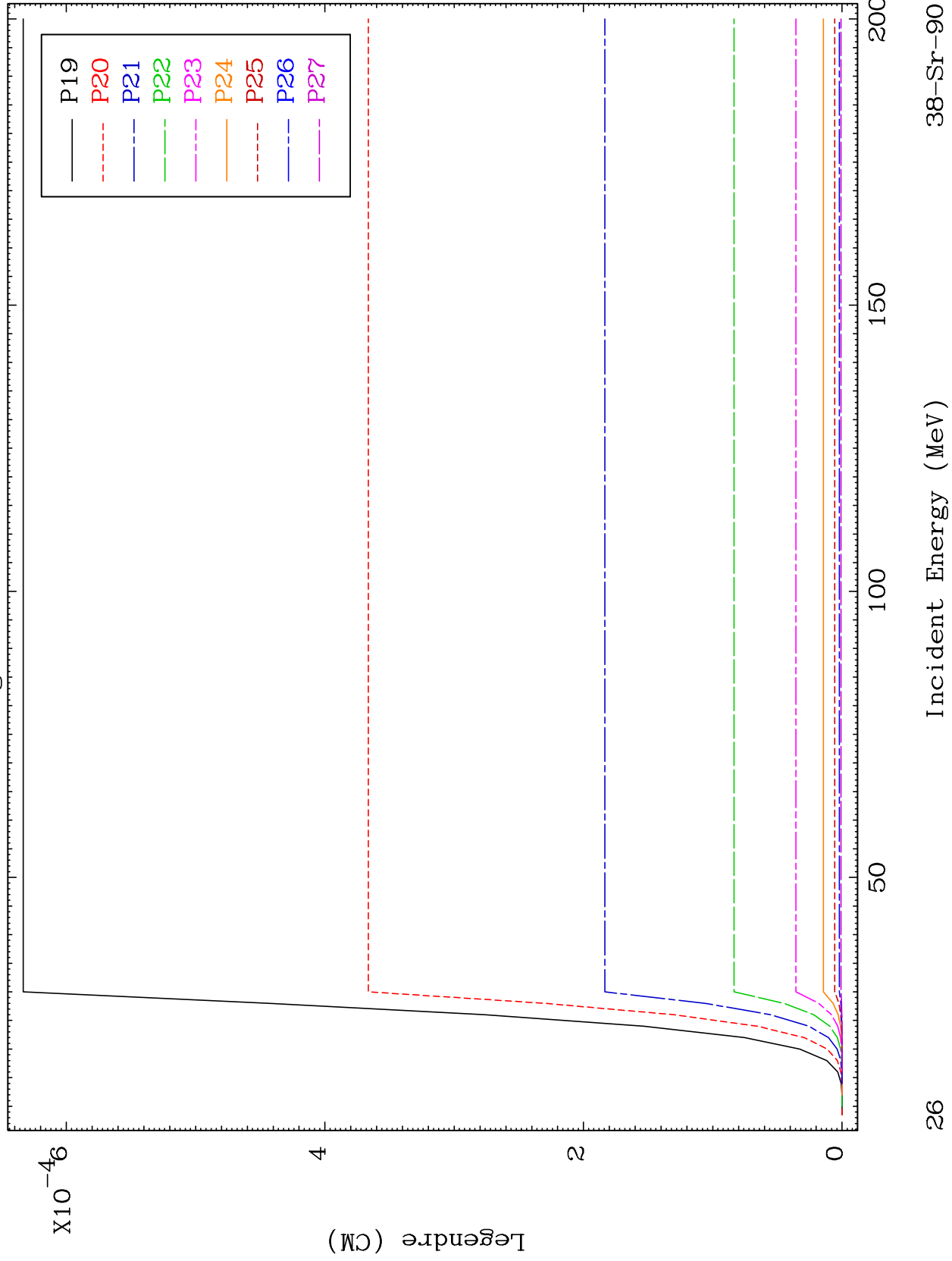
Incident Energy (MeV)

25

MAT 3843

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

38-Sr-90



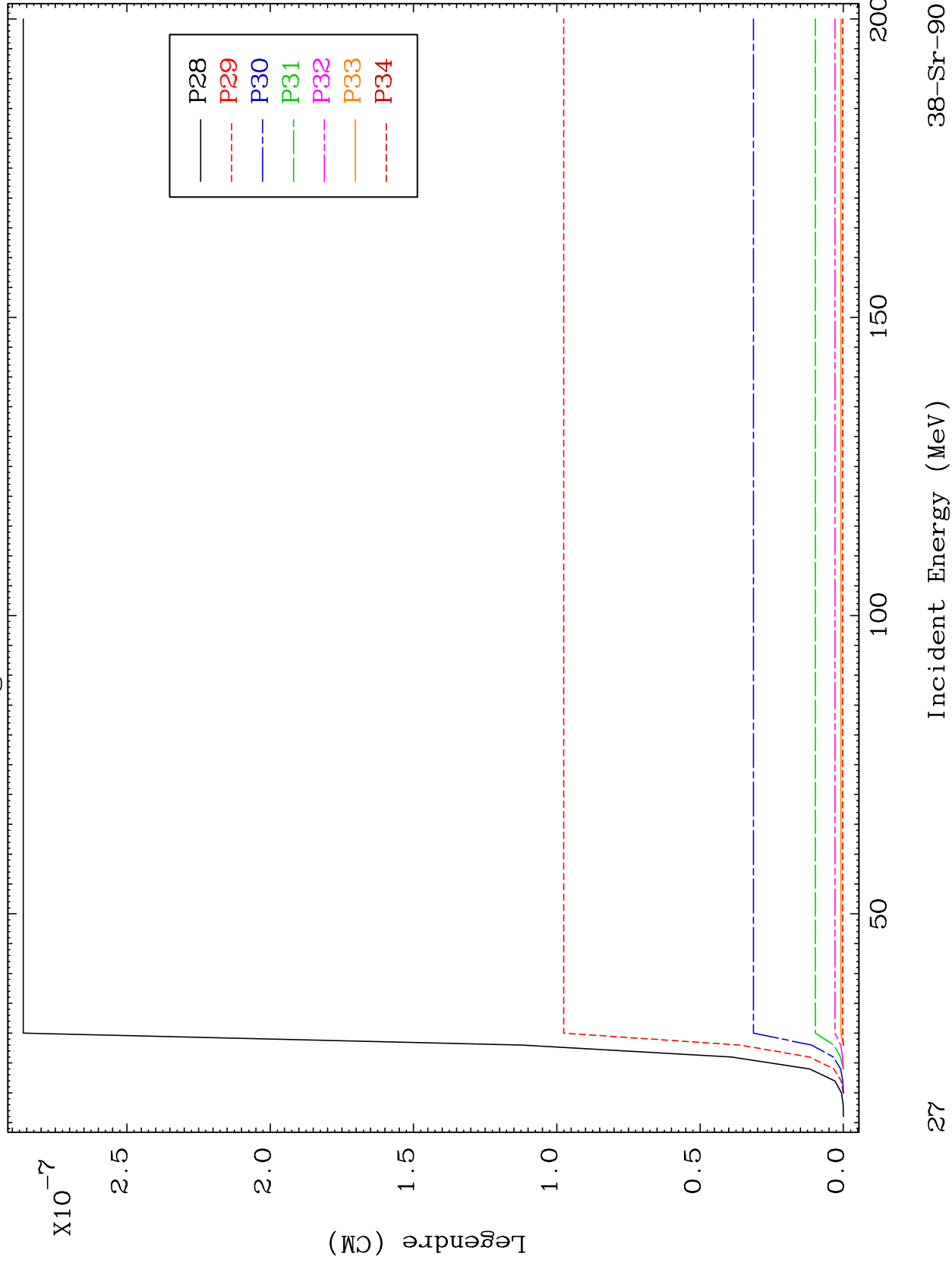
26

38-Sr-90

MAT 3843

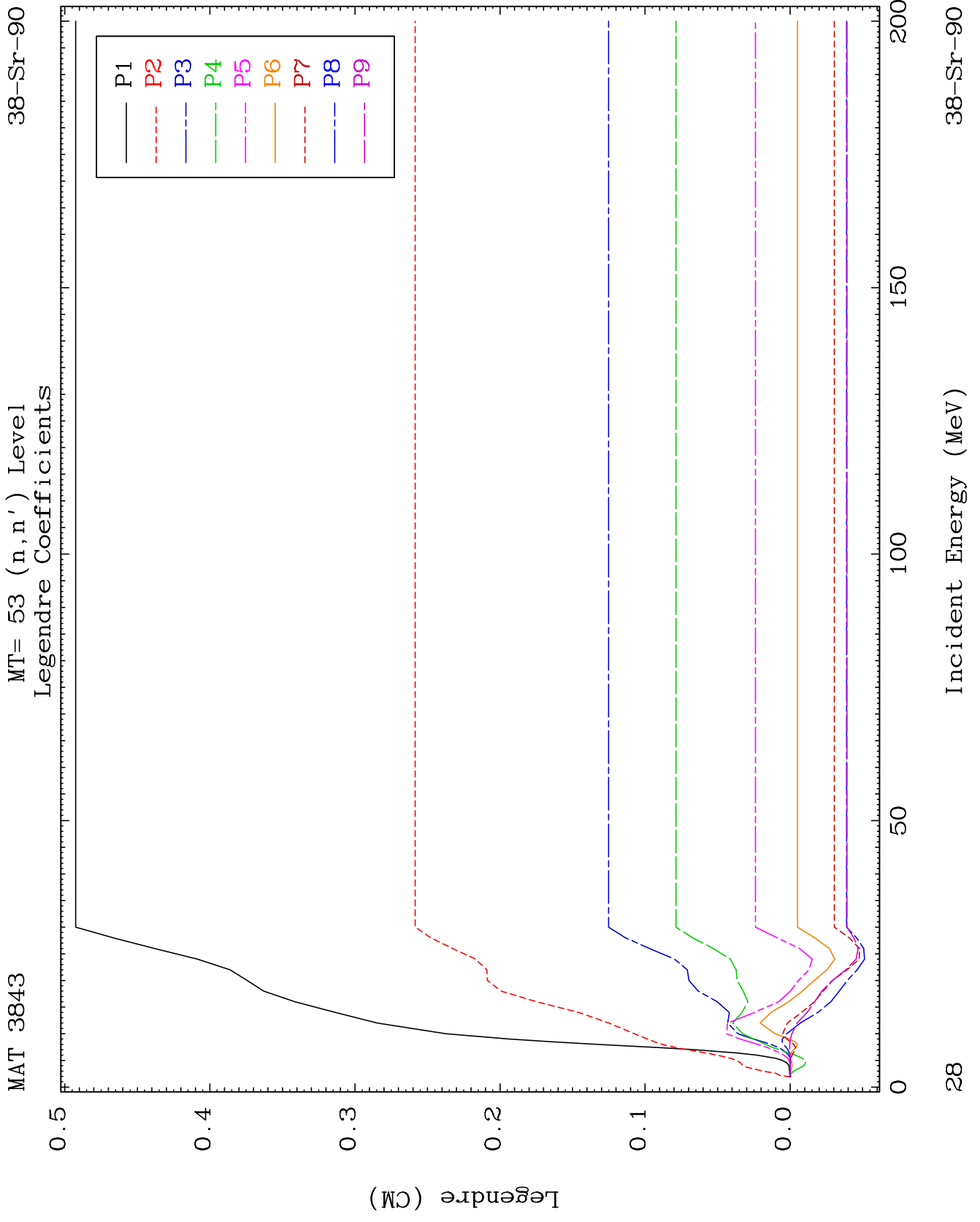
MT= 52 (n,n') Level
Legendre Coefficients

38-Sr-90



27

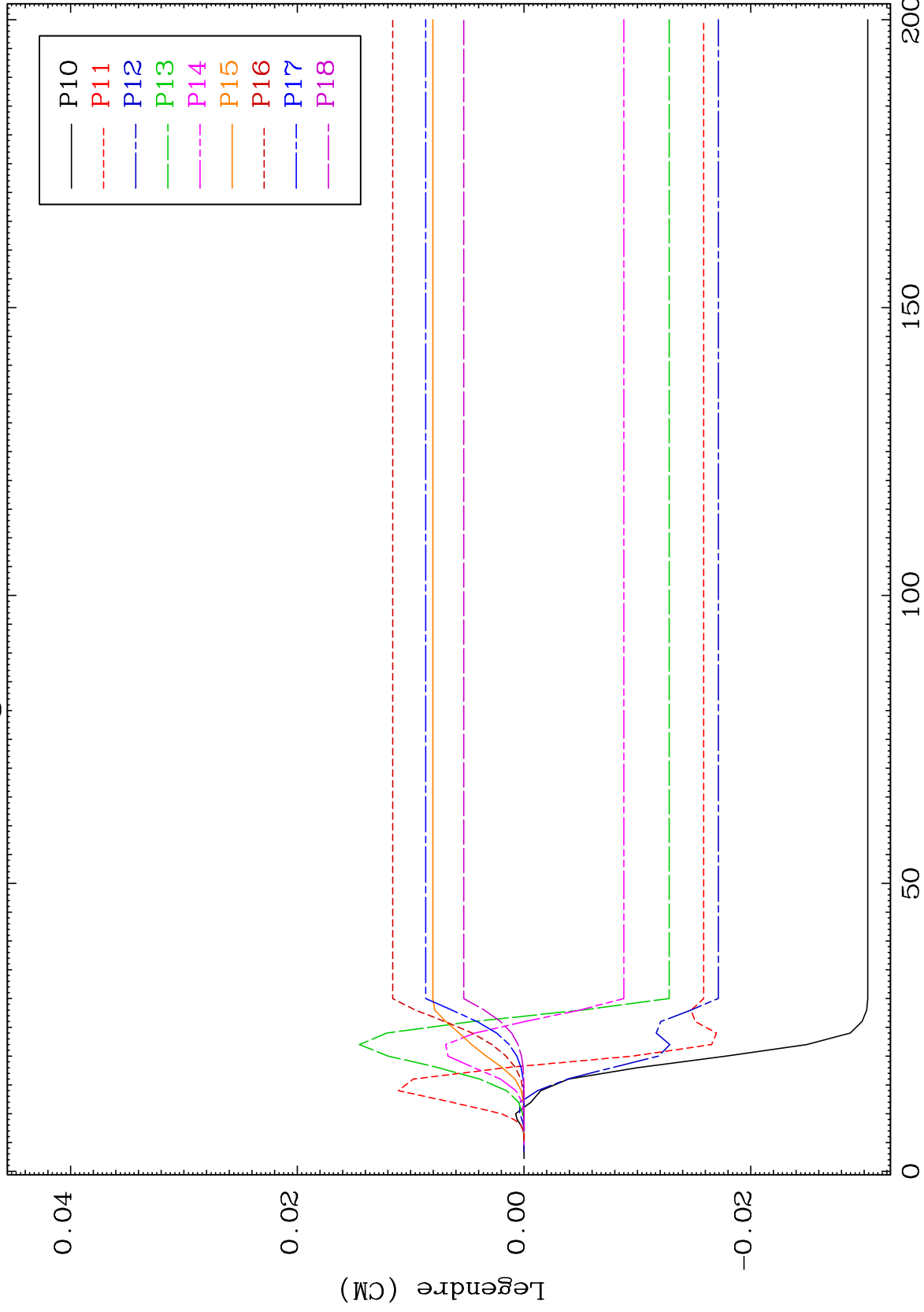
38-Sr-90



MAT 3843

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

38-Sr-90



29

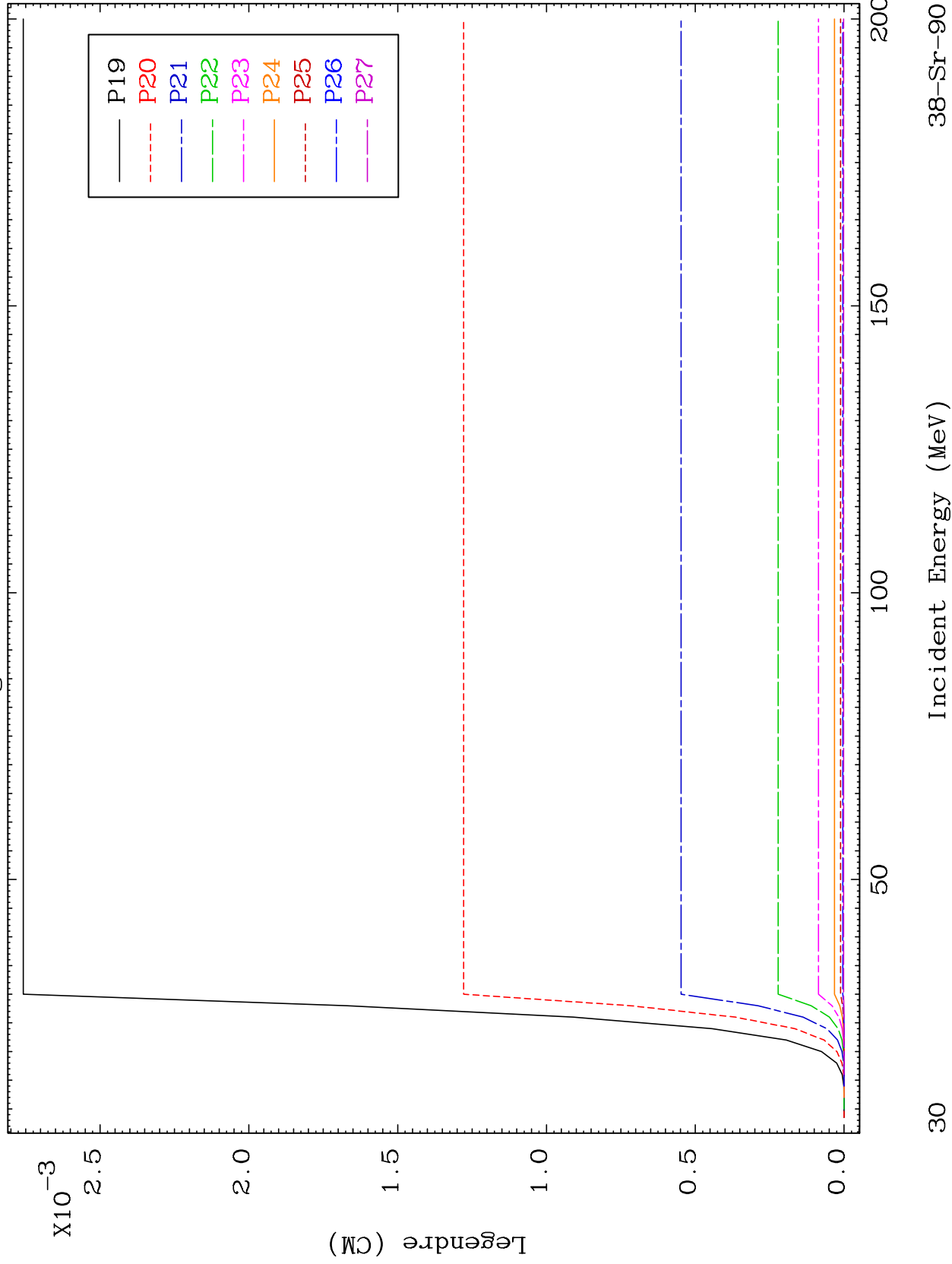
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

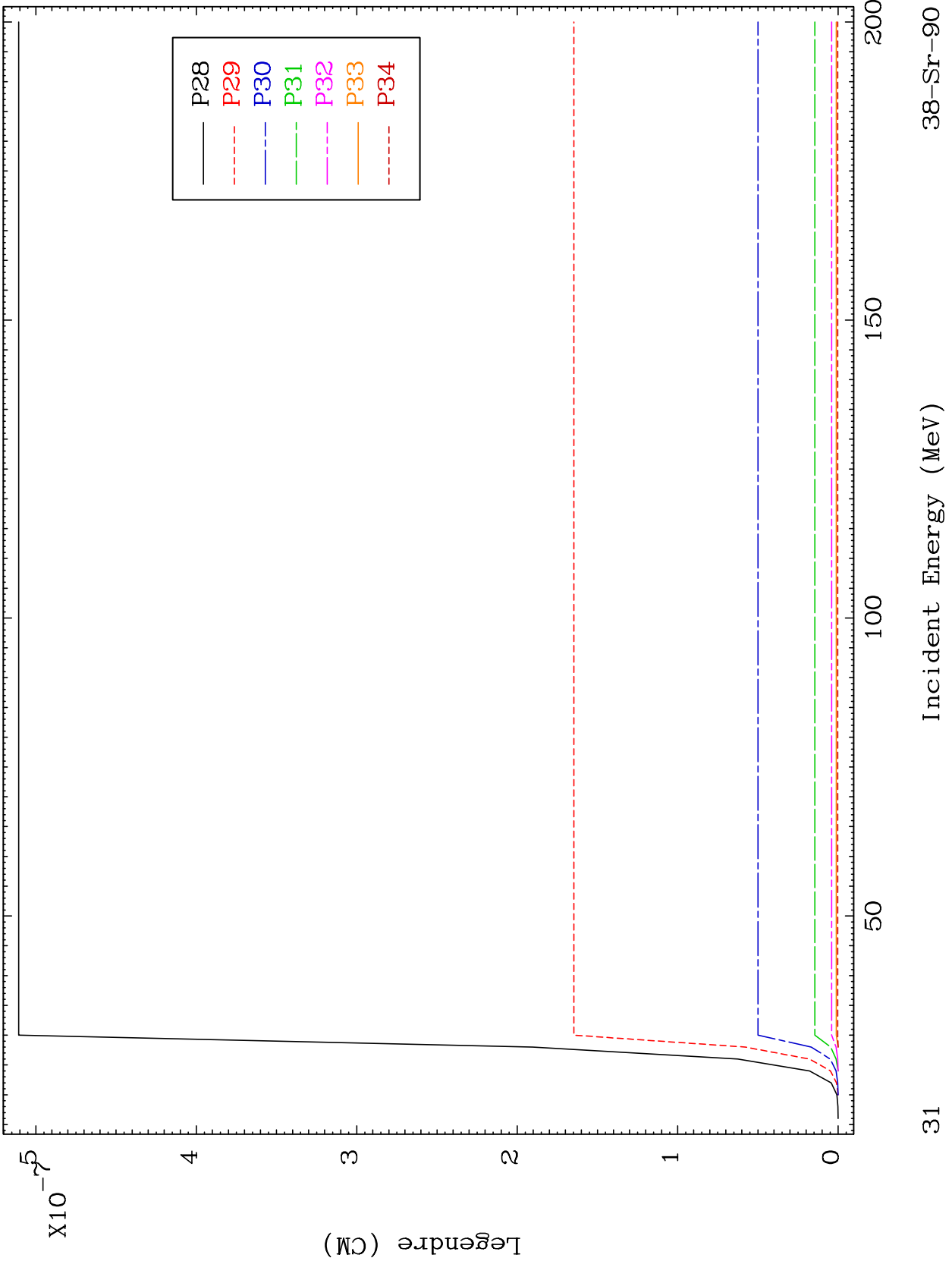
38-Sr-90



MAT 3843

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

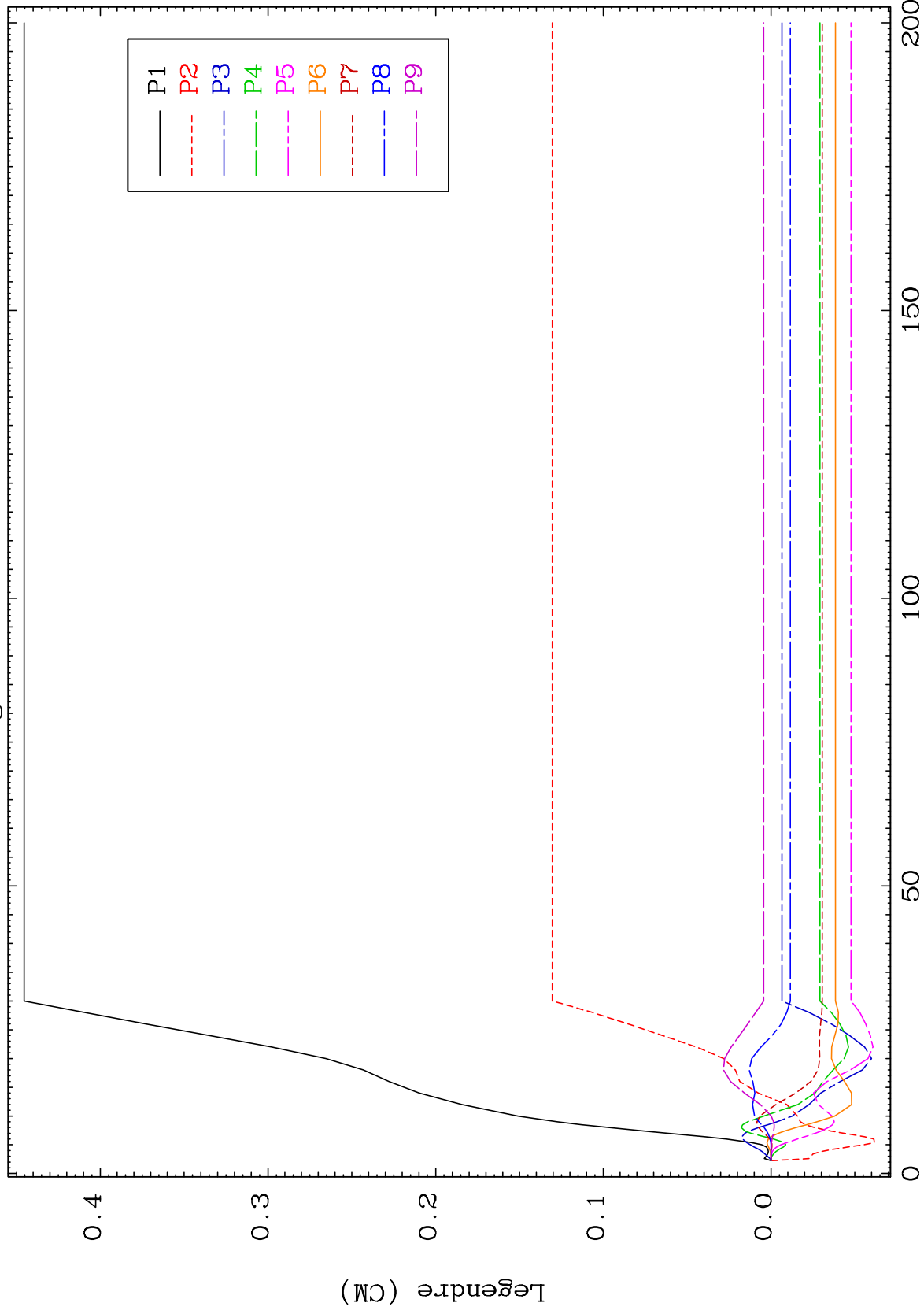
38-Sr-90



MAT 3843

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

38-Sr-90



38-Sr-90

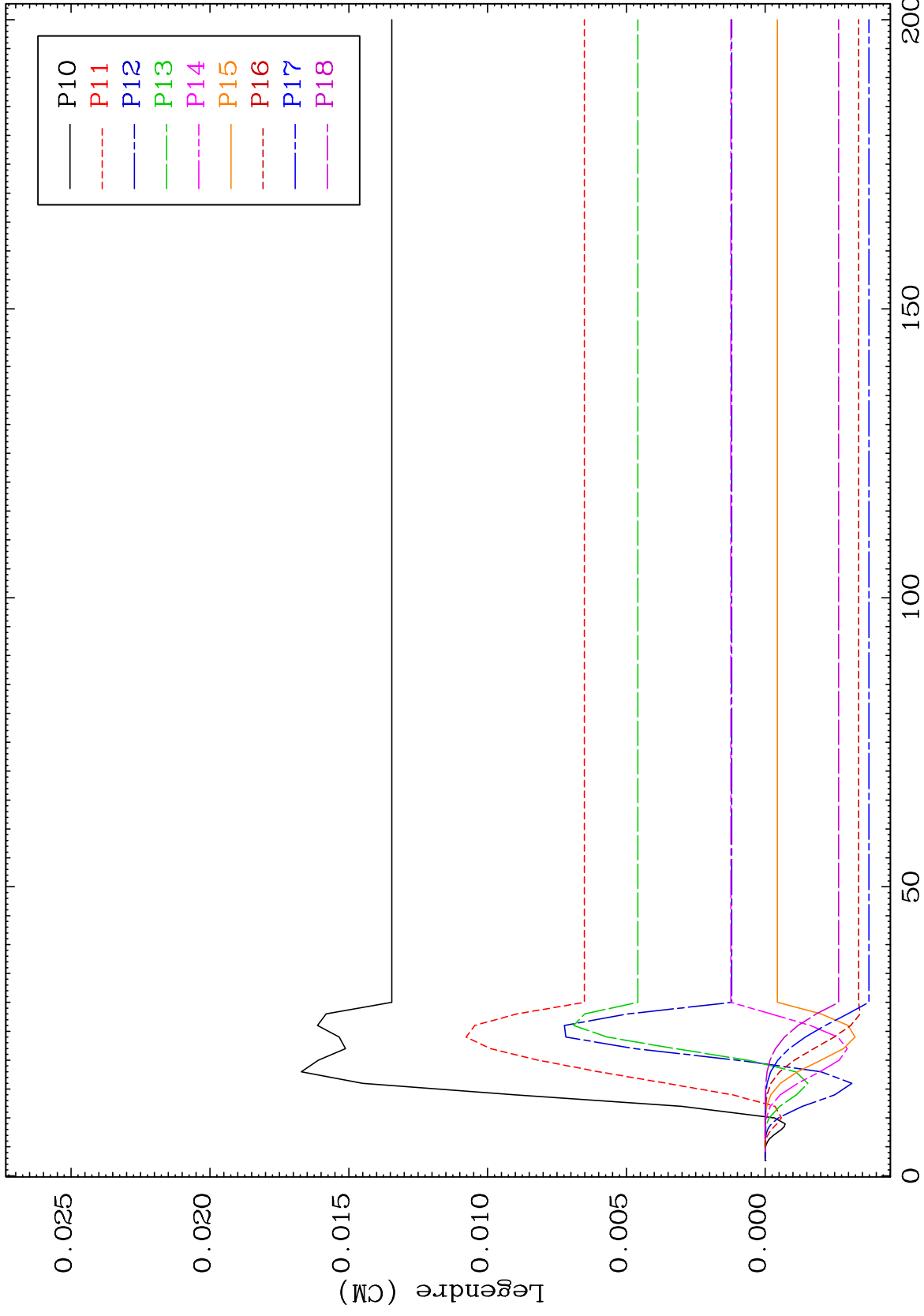
Incident Energy (MeV)

32

MAT 3843

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

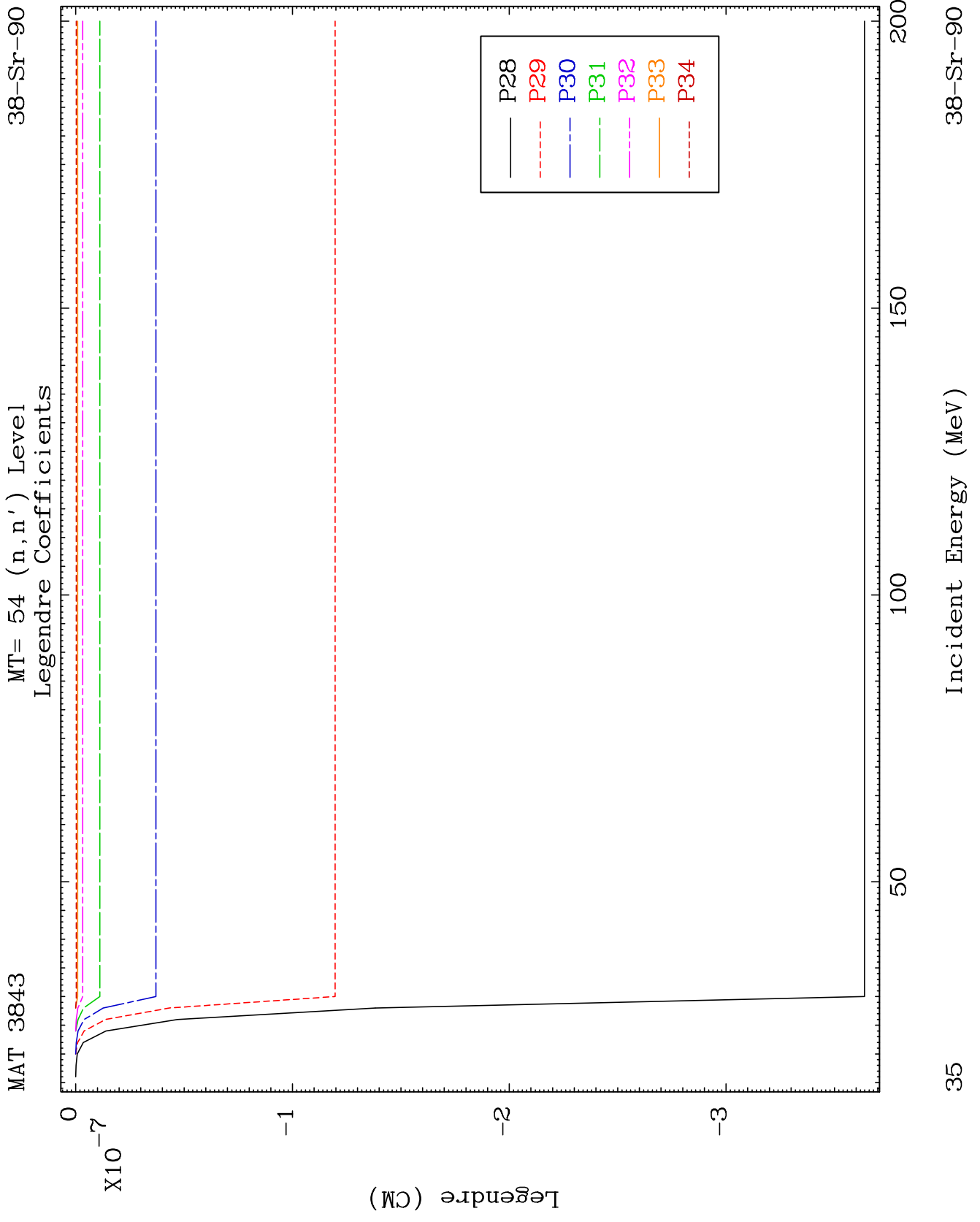
38-Sr-90



33

Incident Energy (MeV)

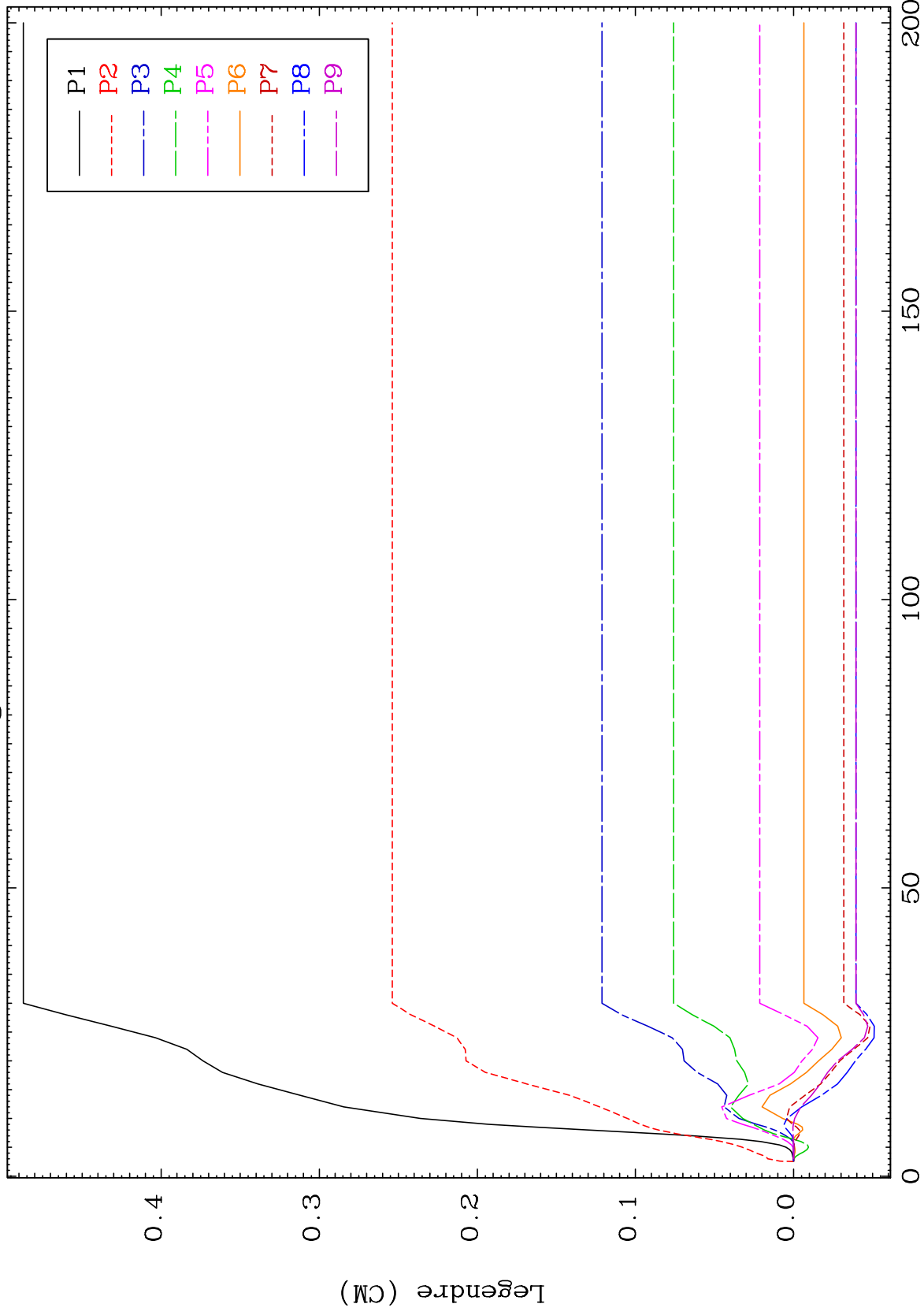
38-Sr-90



MAT 3843

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

38-Sr-90



36

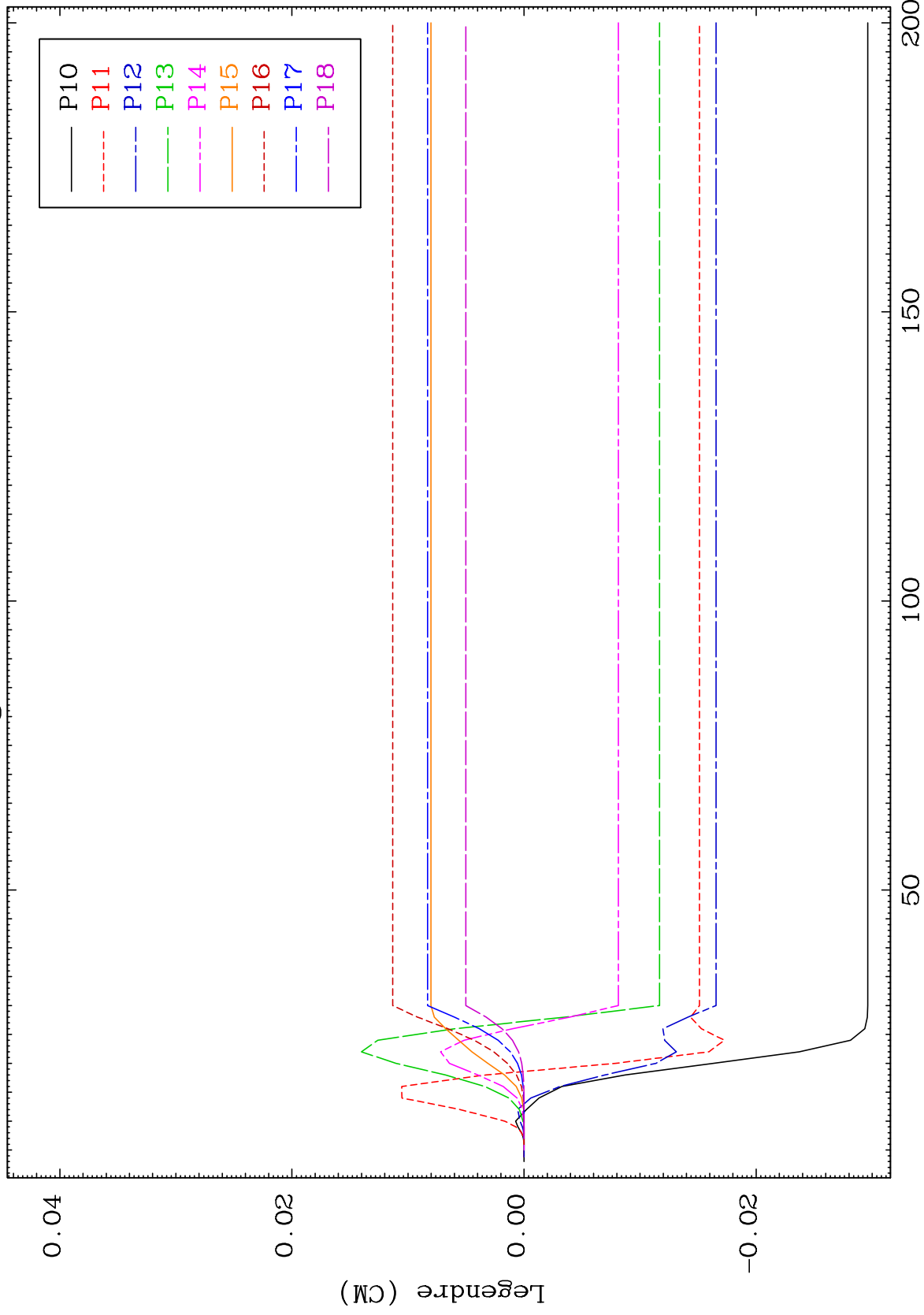
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



37

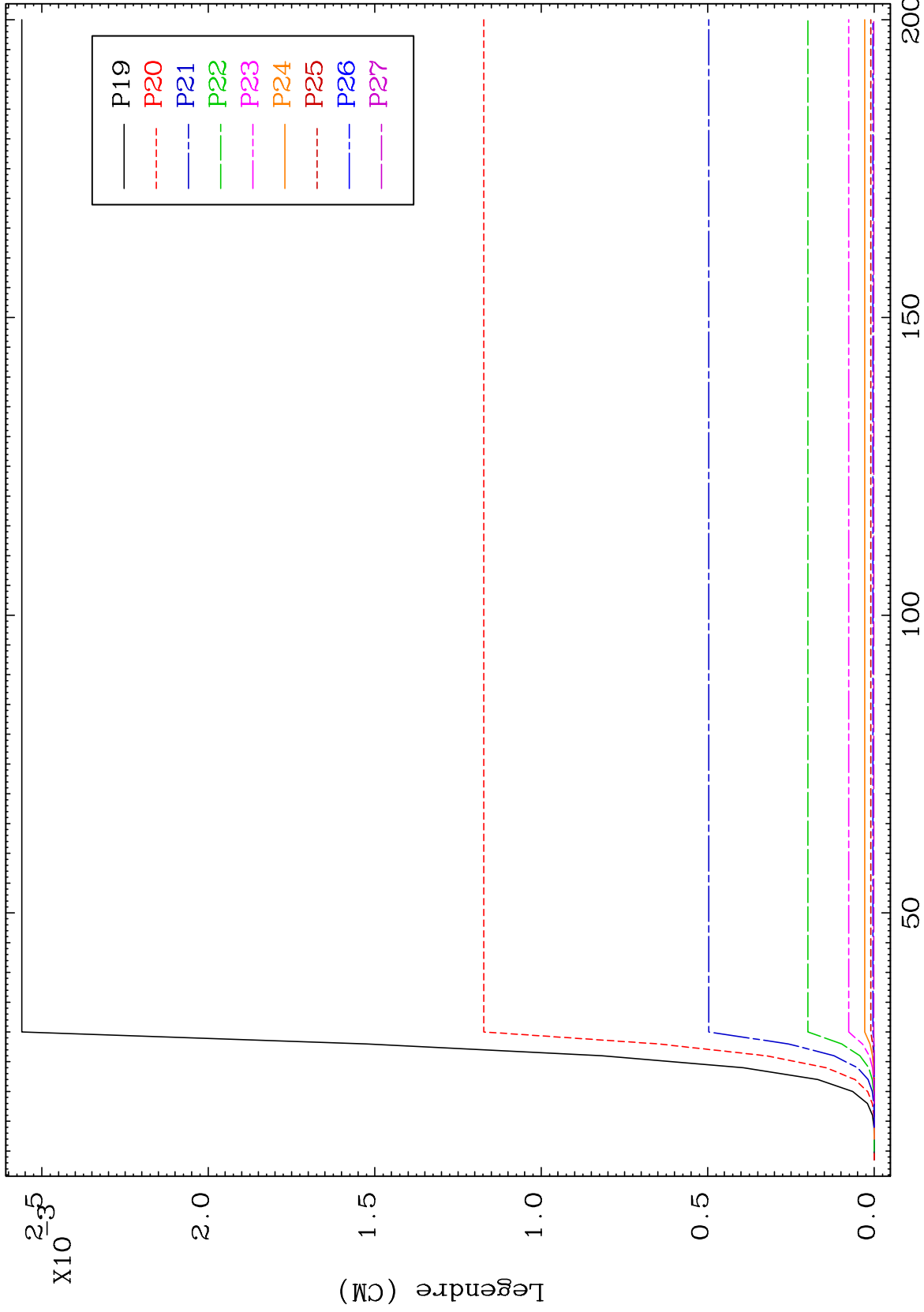
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



38

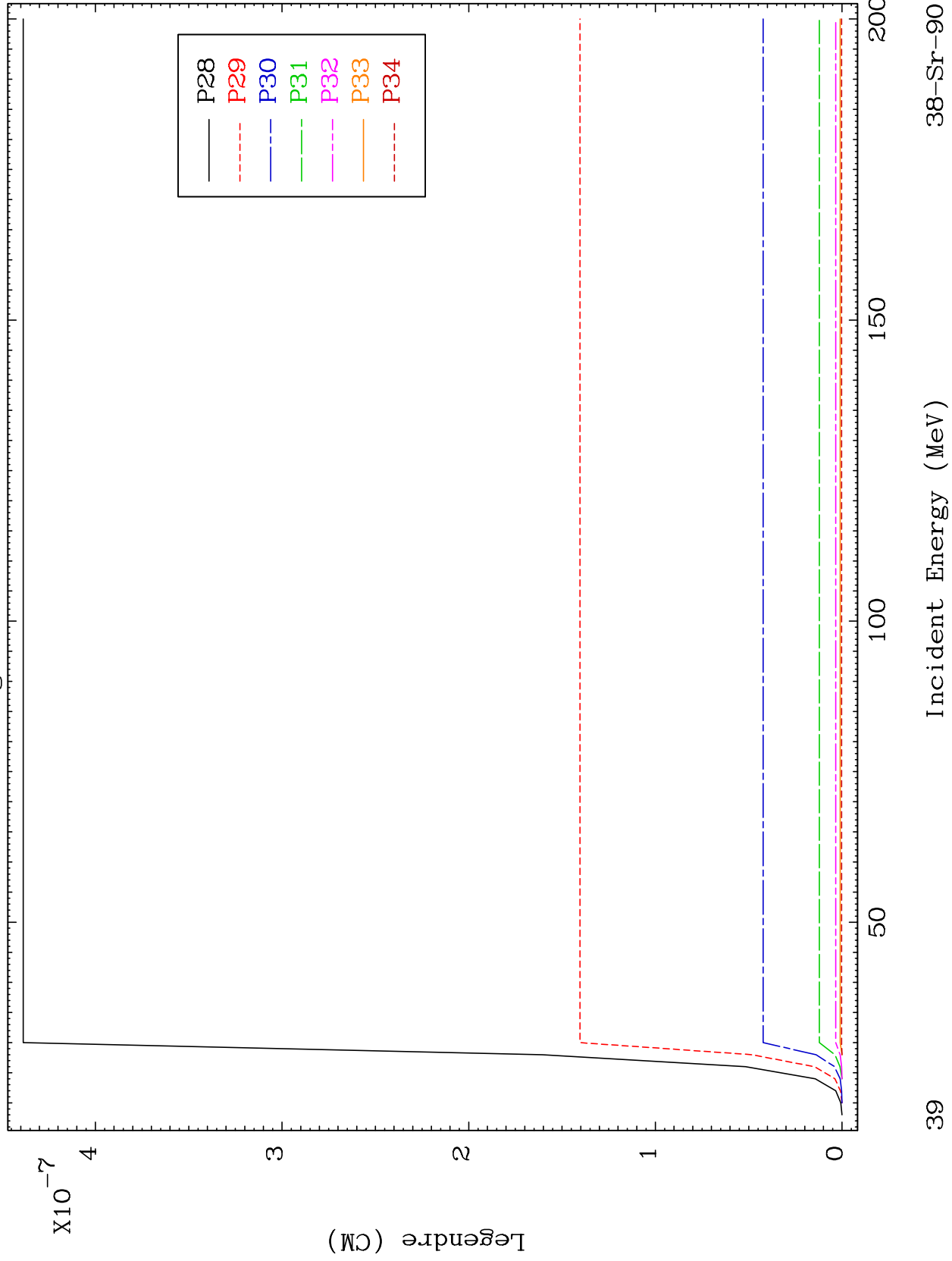
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

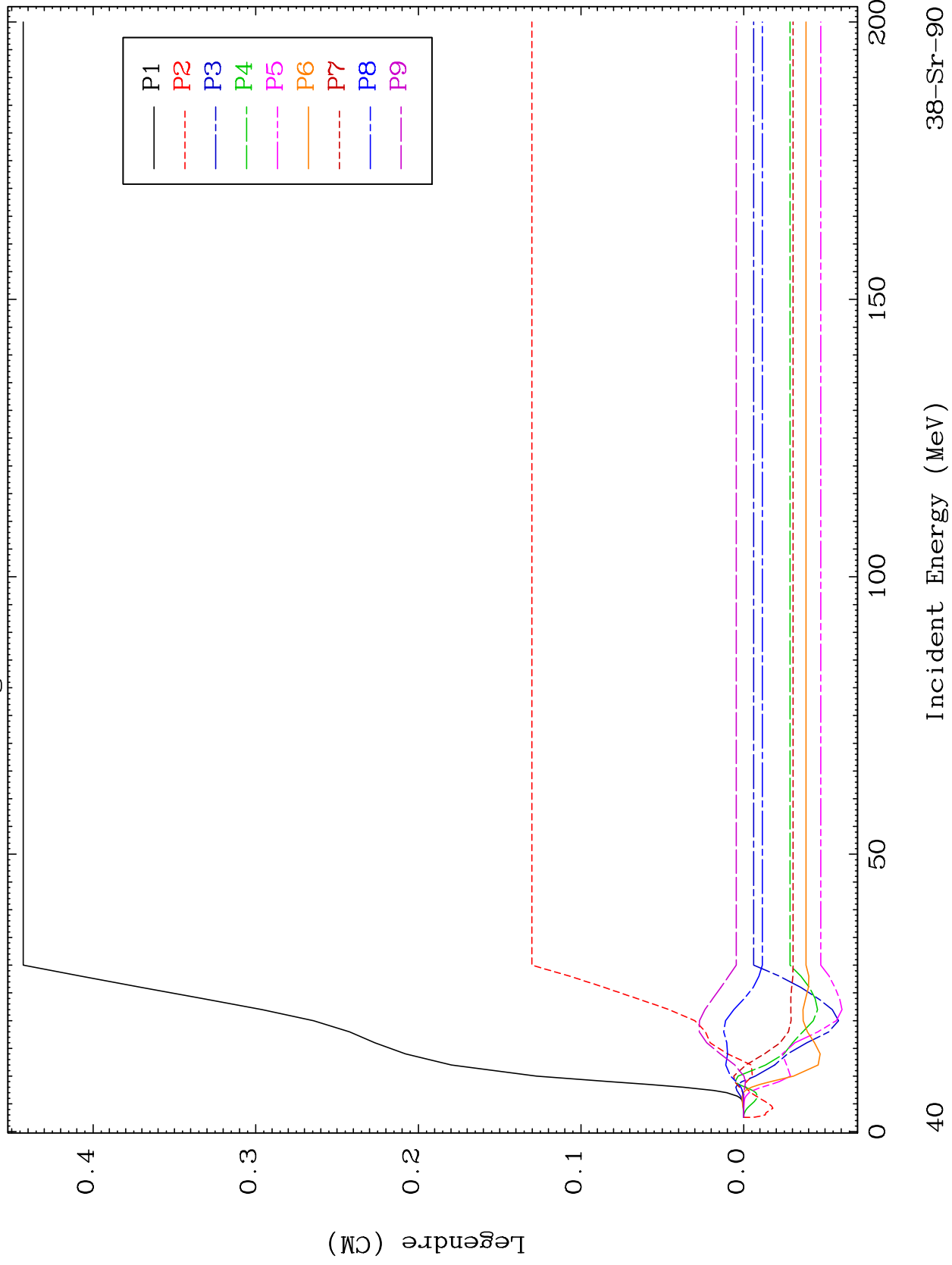
38-Sr-90



MAT 3843

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

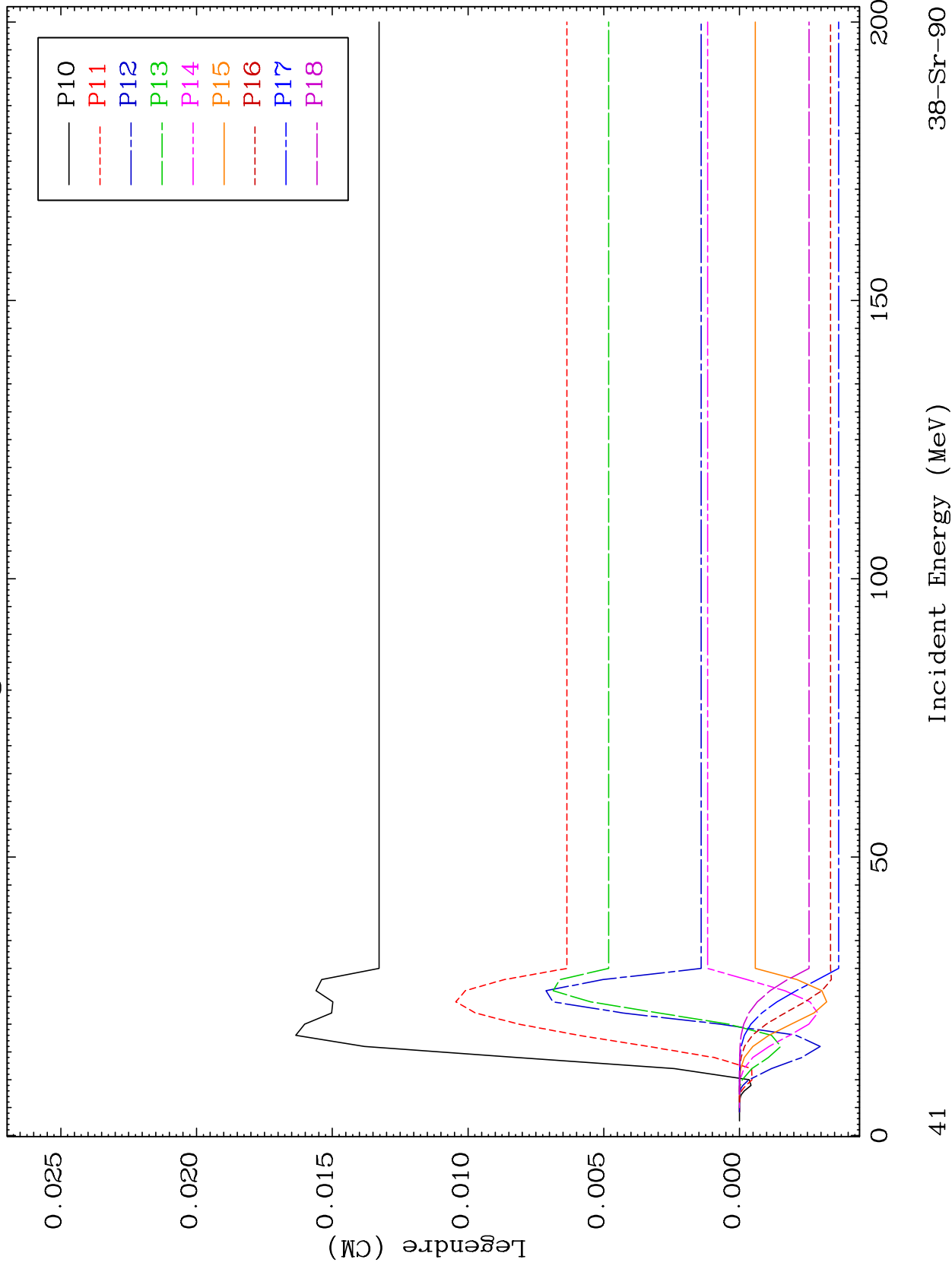
38-Sr-90



MAT 3843

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

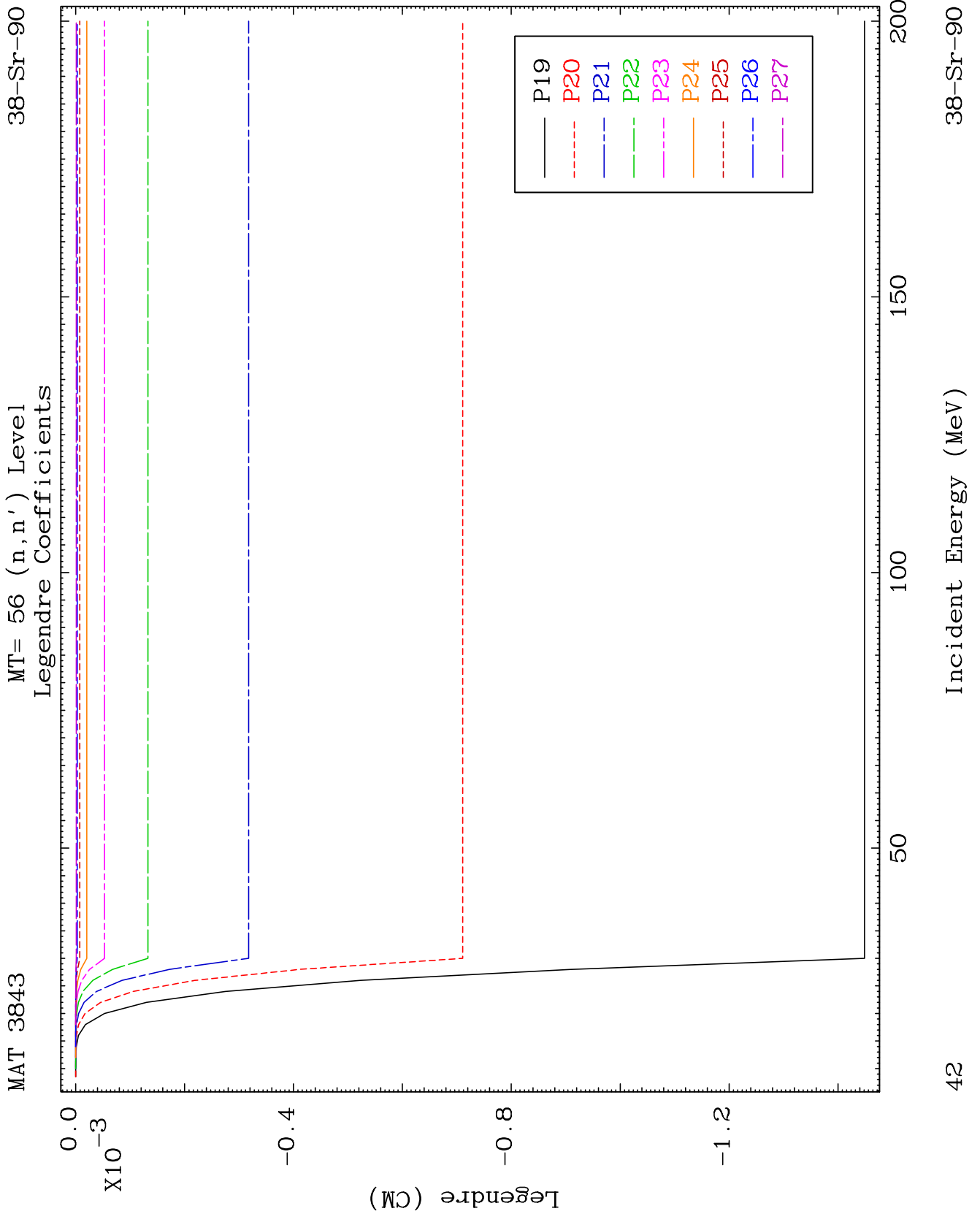
38-Sr-90

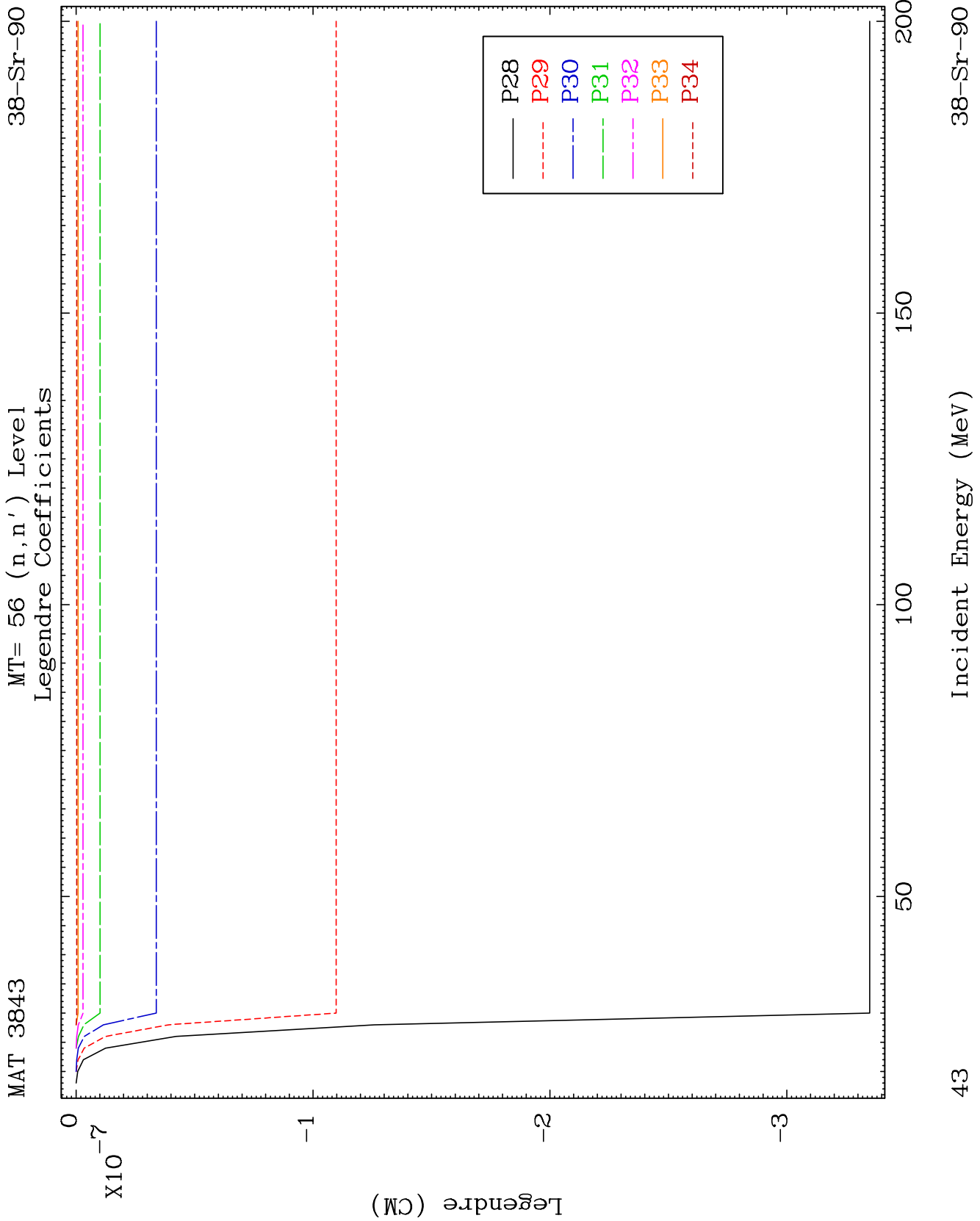


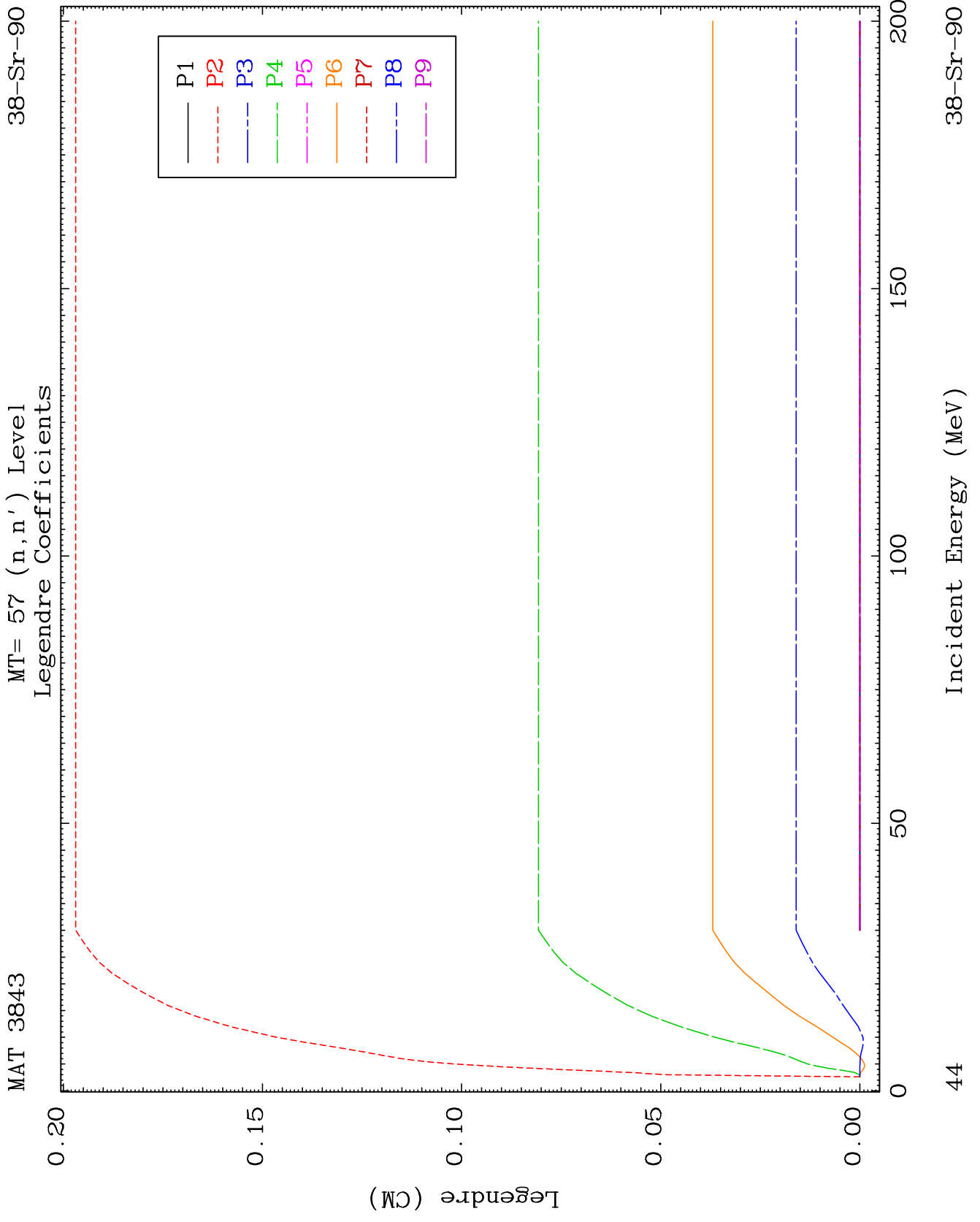
41

Incident Energy (MeV)

38-Sr-90



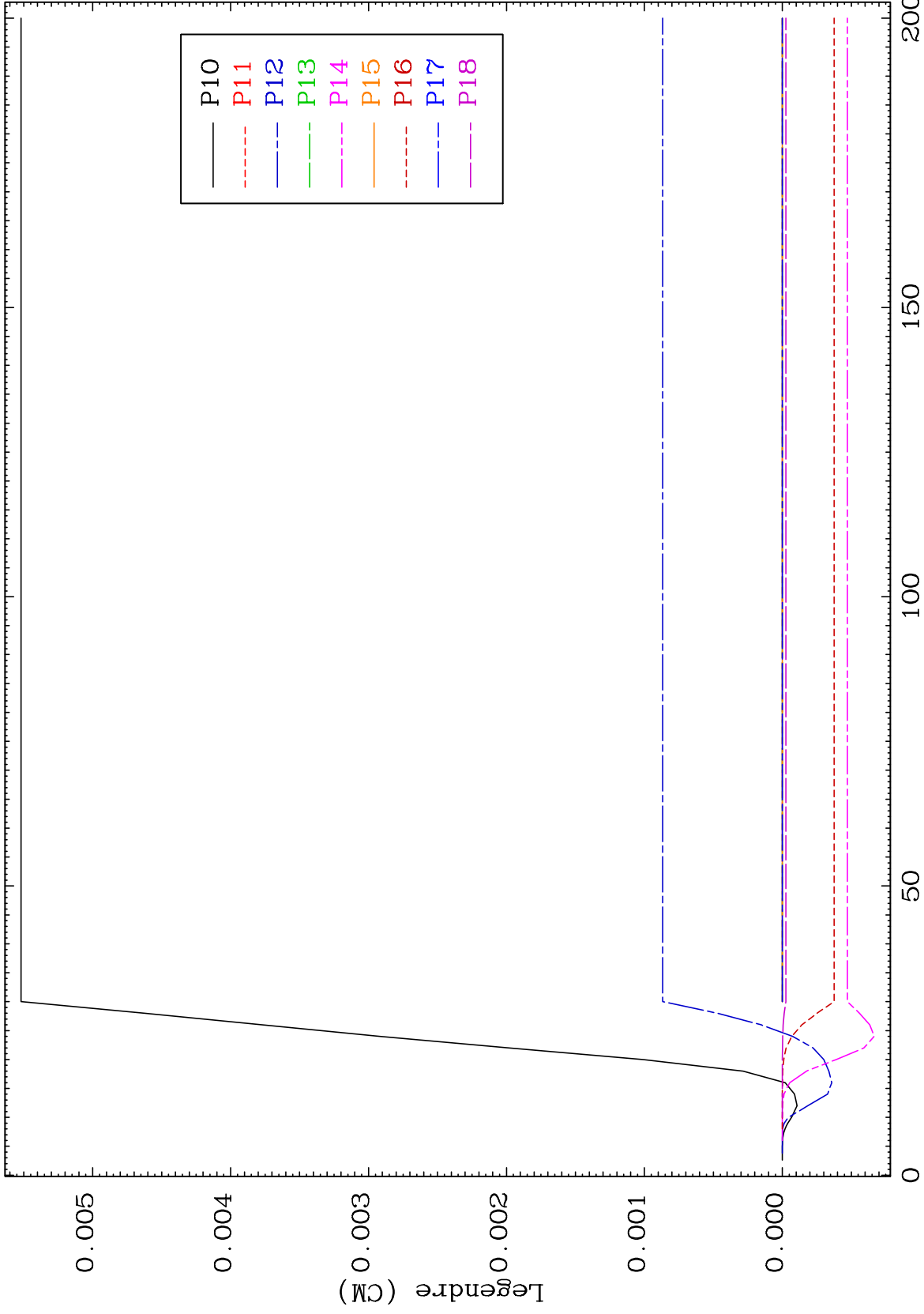




MAT 3843

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

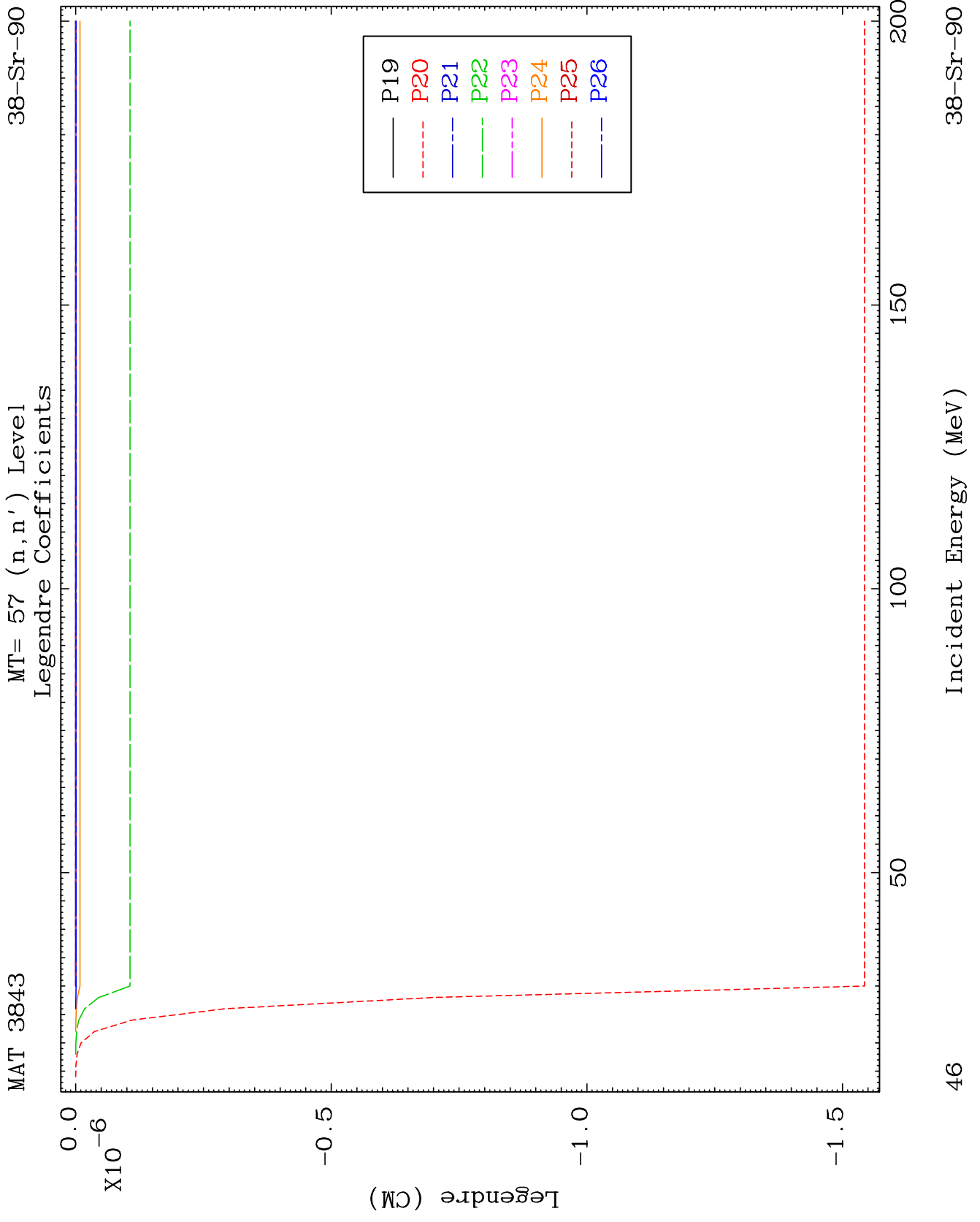
38-Sr-90



45

Incident Energy (MeV)

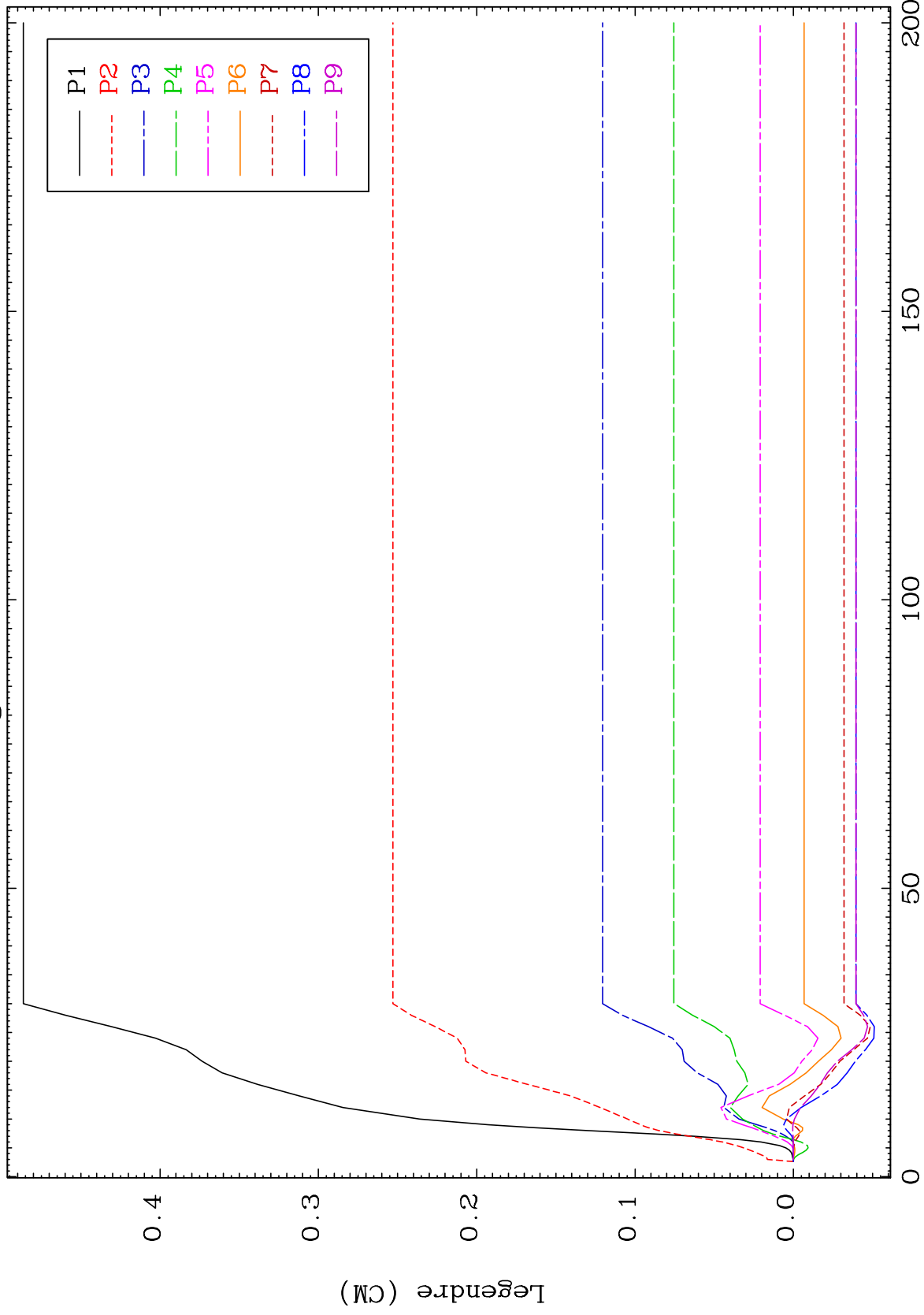
38-Sr-90



MAT 3843

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

38-Sr-90



47

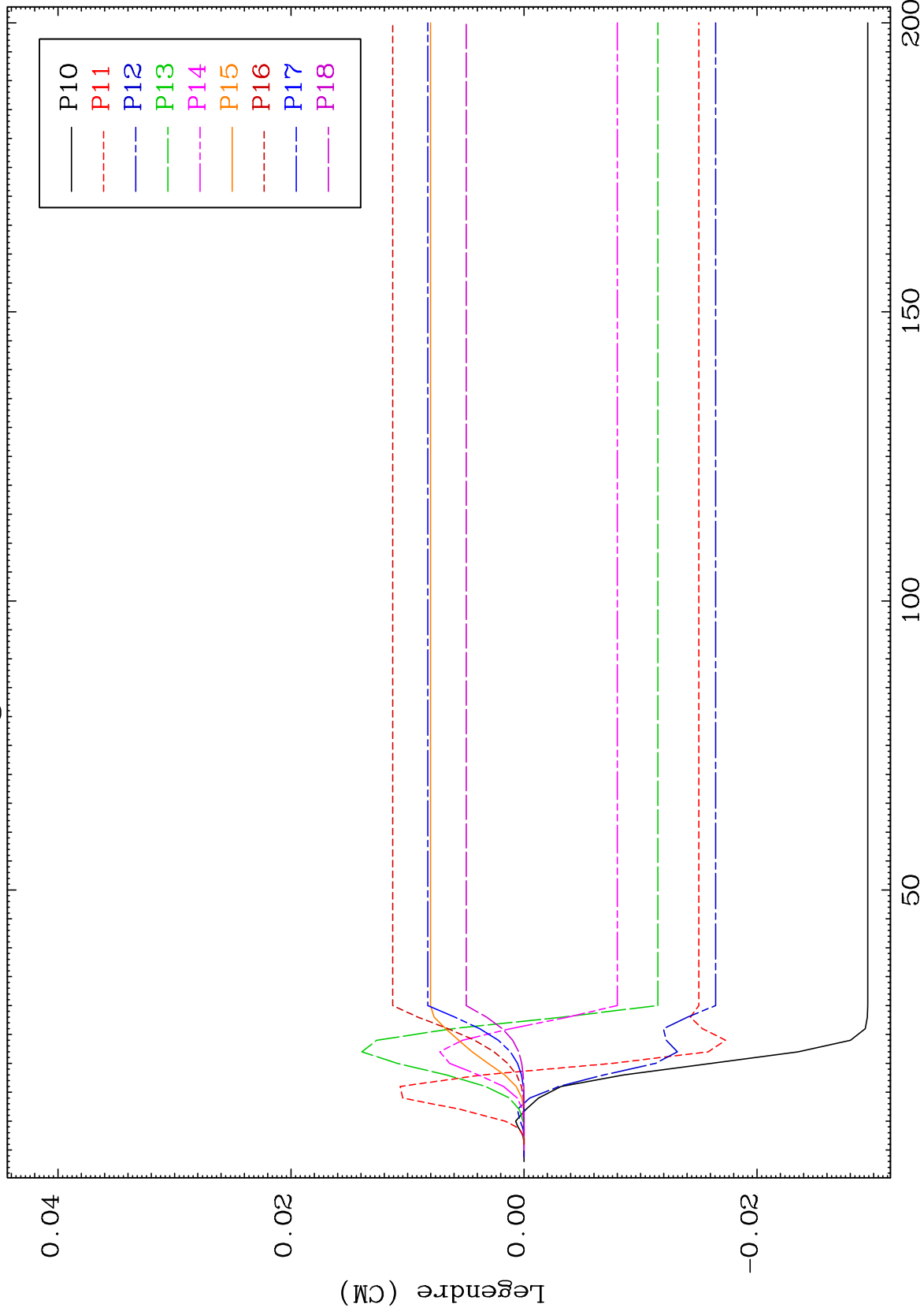
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



48

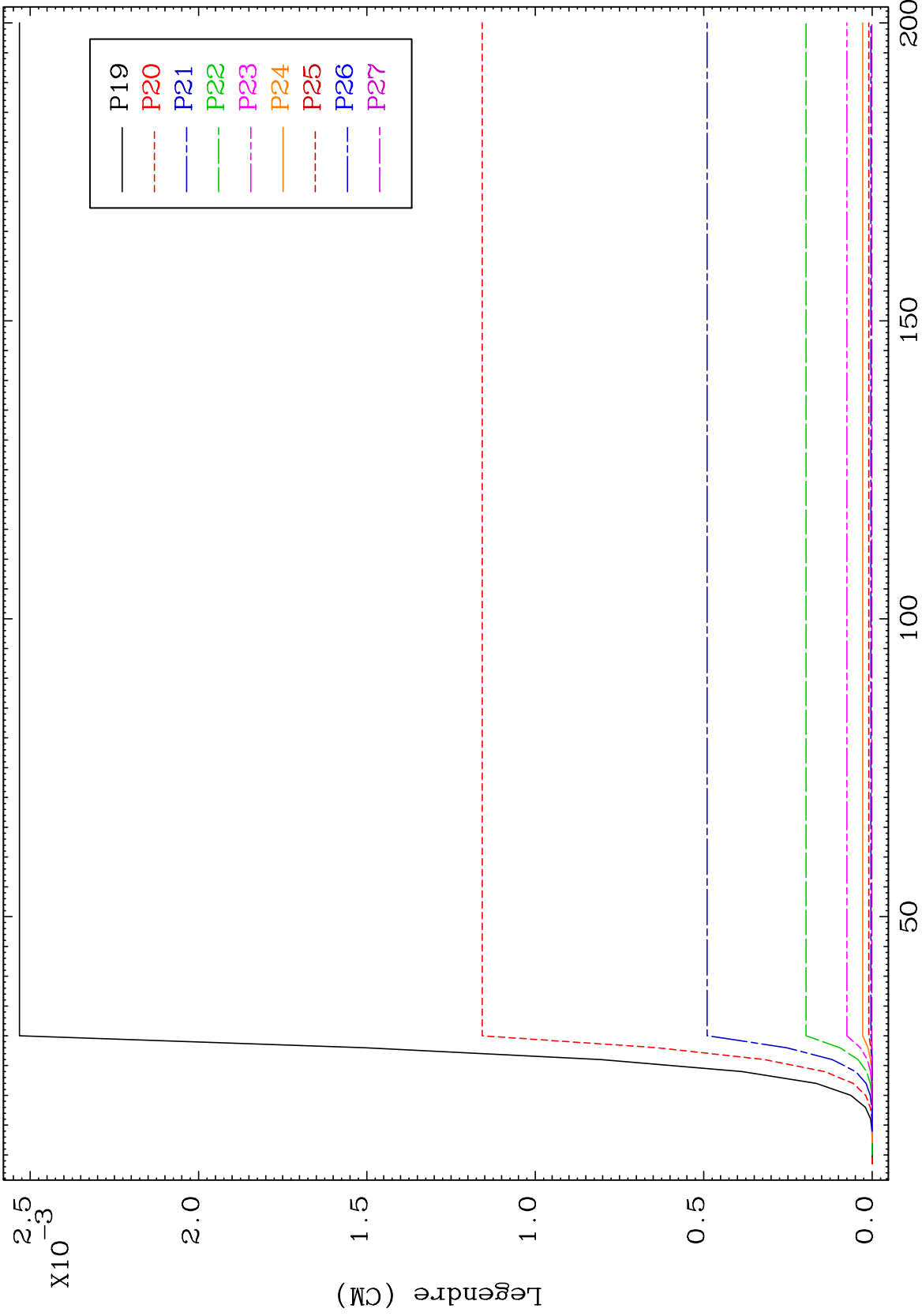
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



49

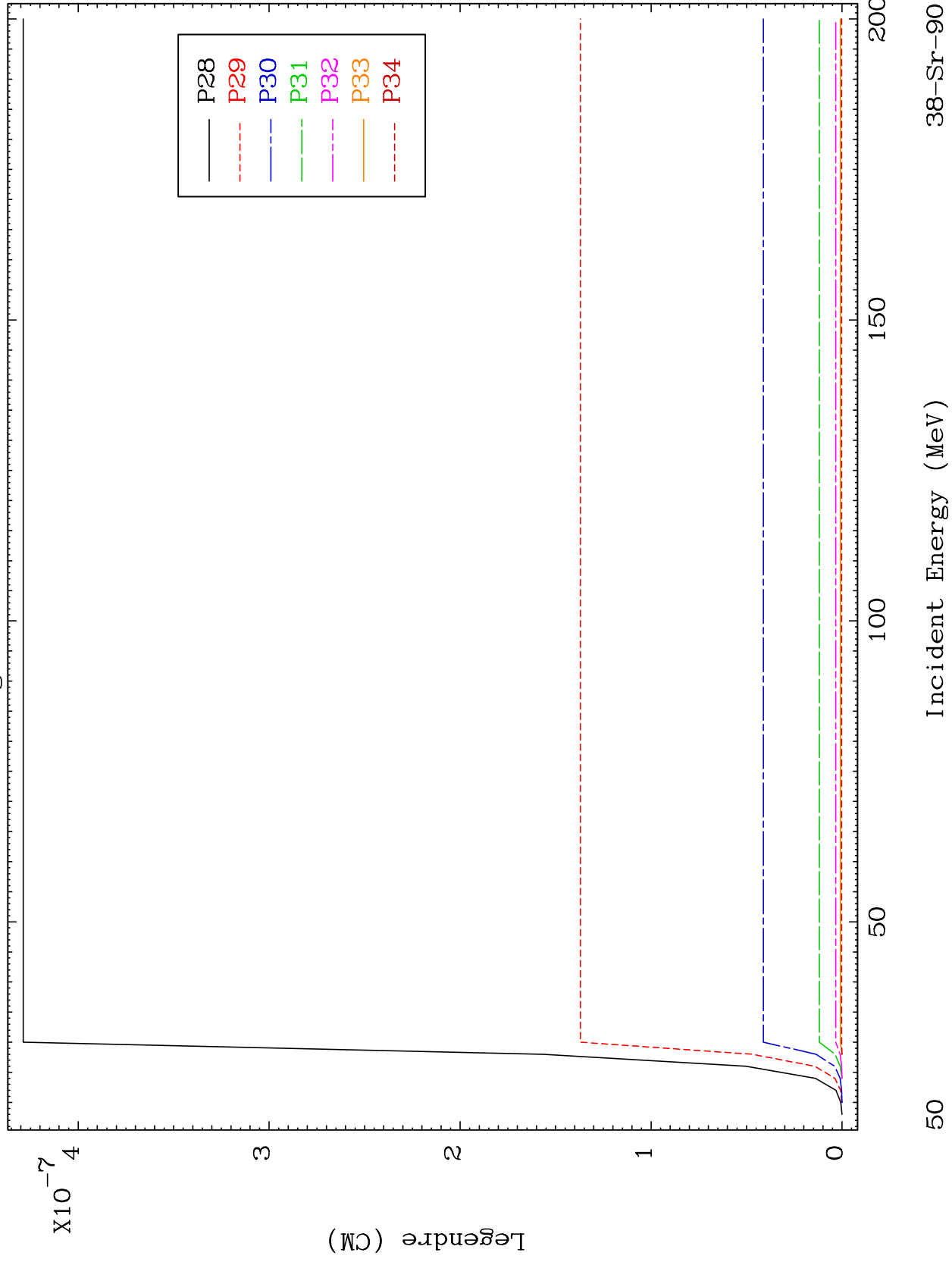
Incident Energy (MeV)

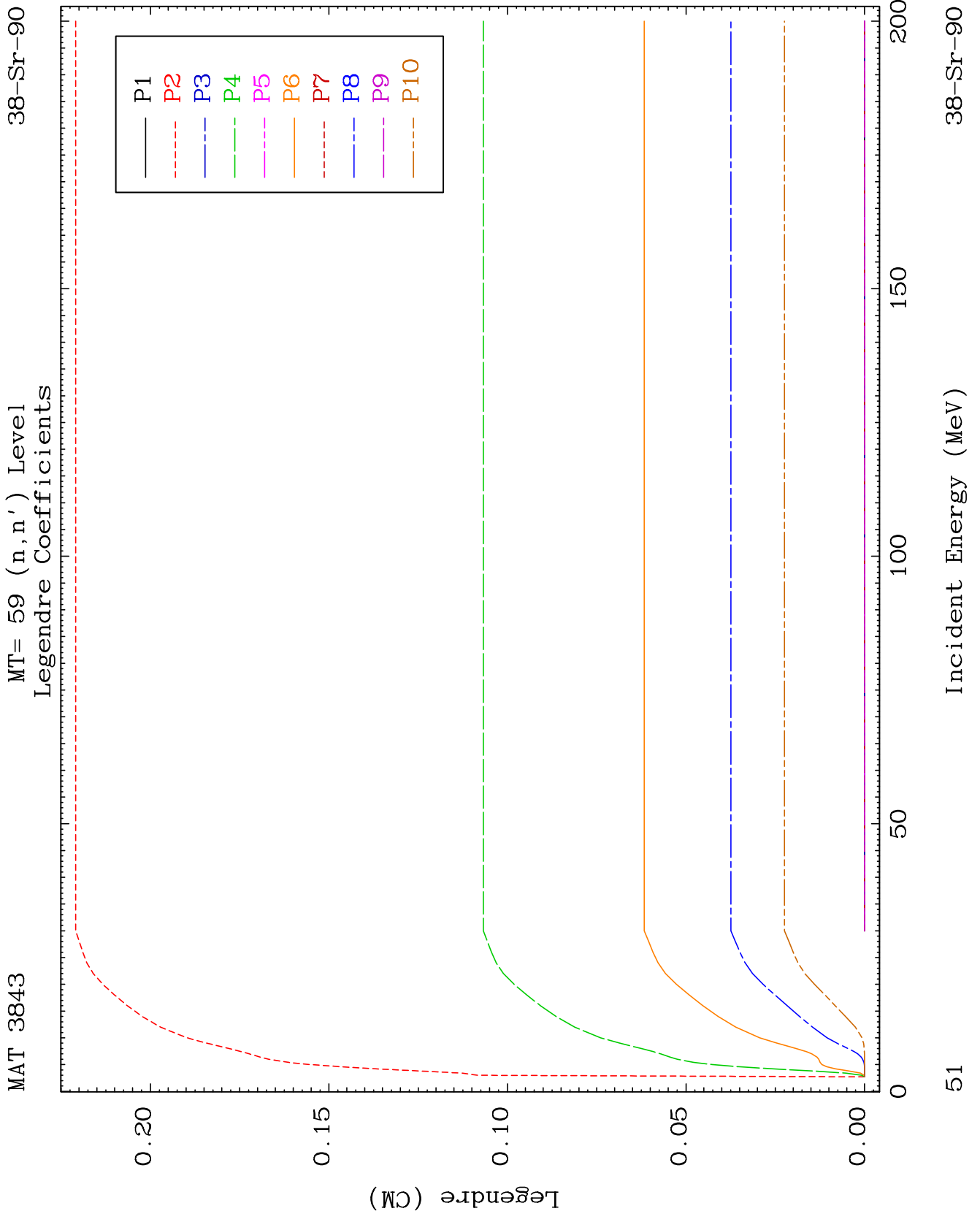
38-Sr-90

MAT 3843

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

38-Sr-90

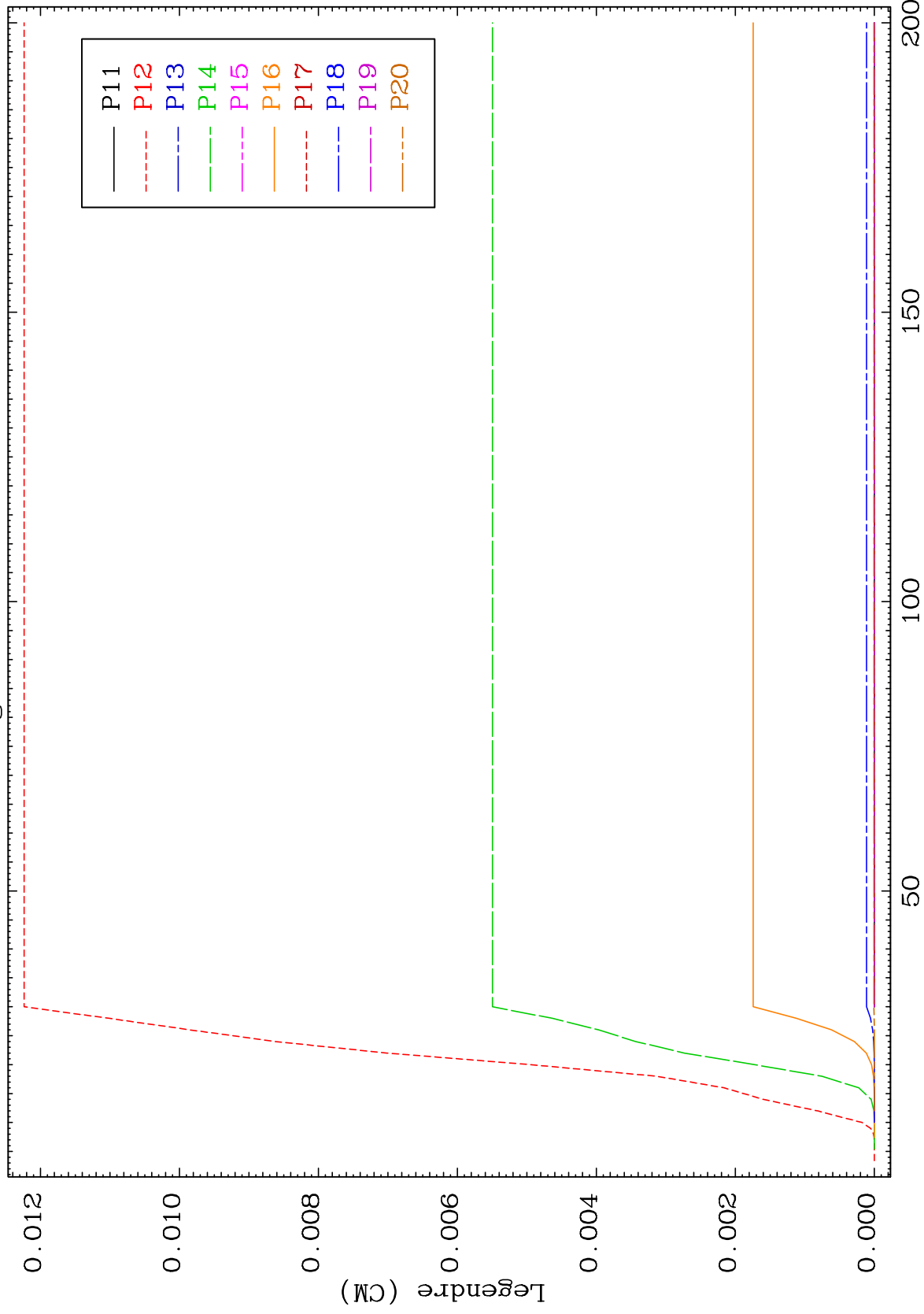




MAT 3843

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

38-Sr-90



52

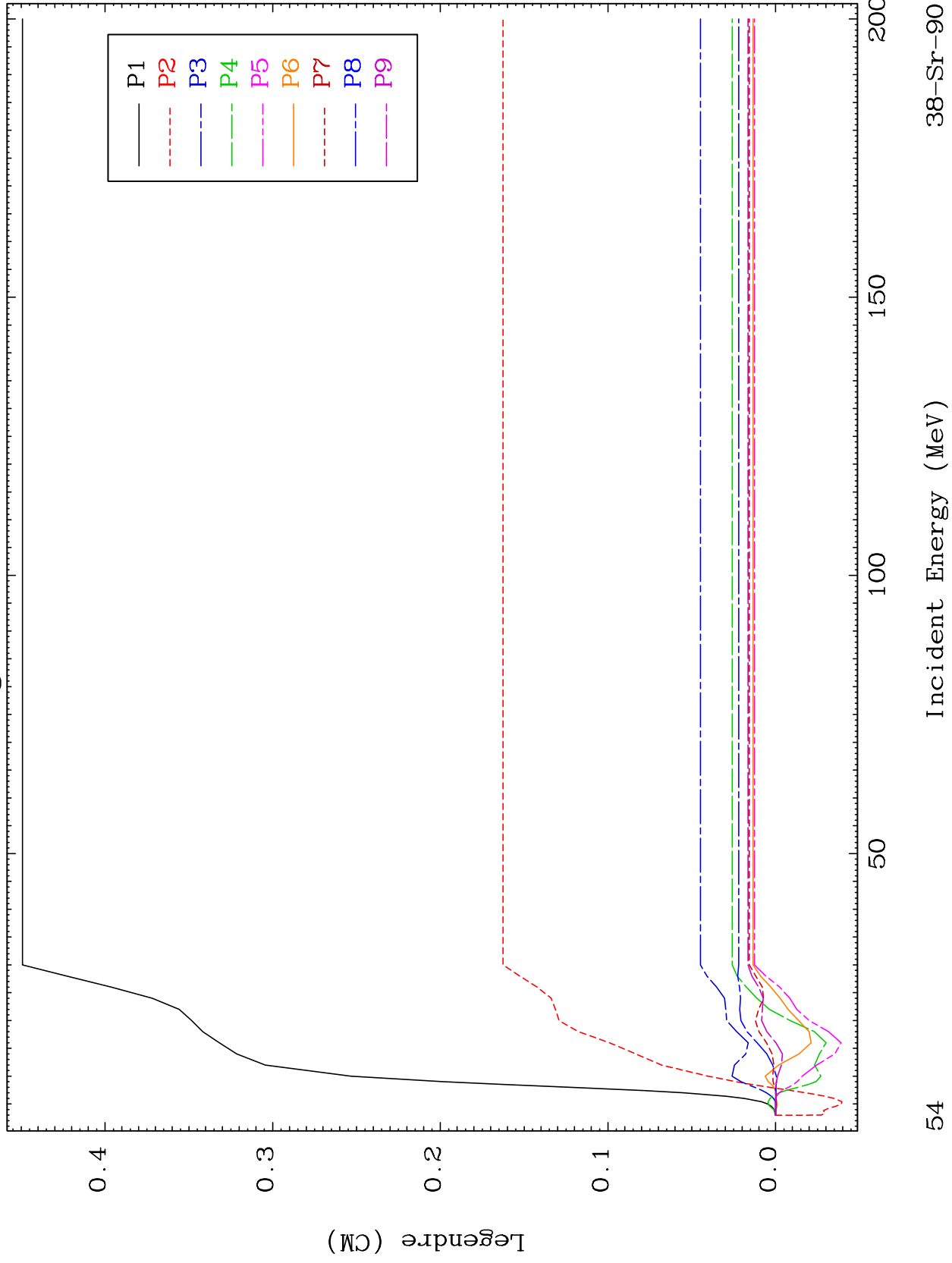
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



54

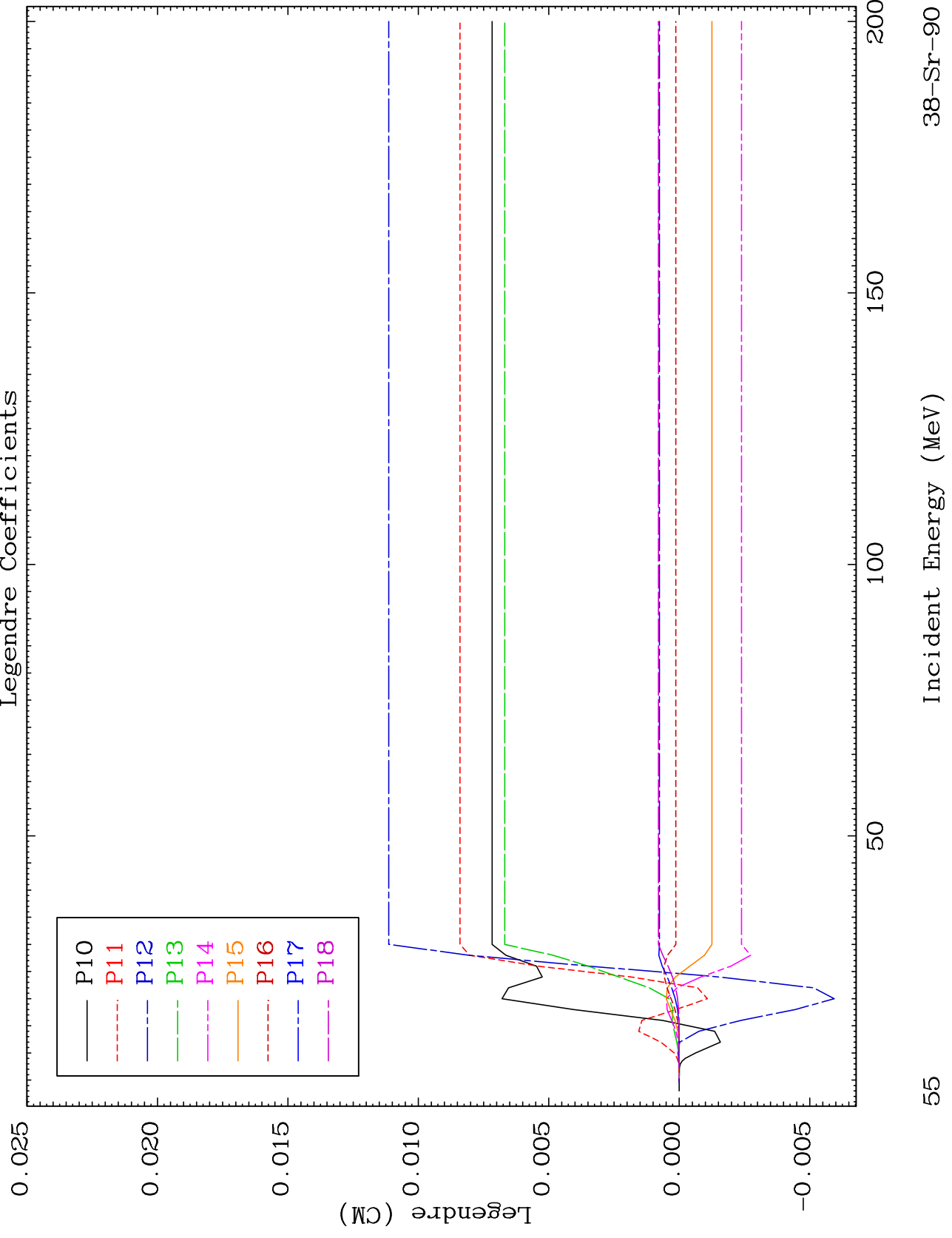
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



55

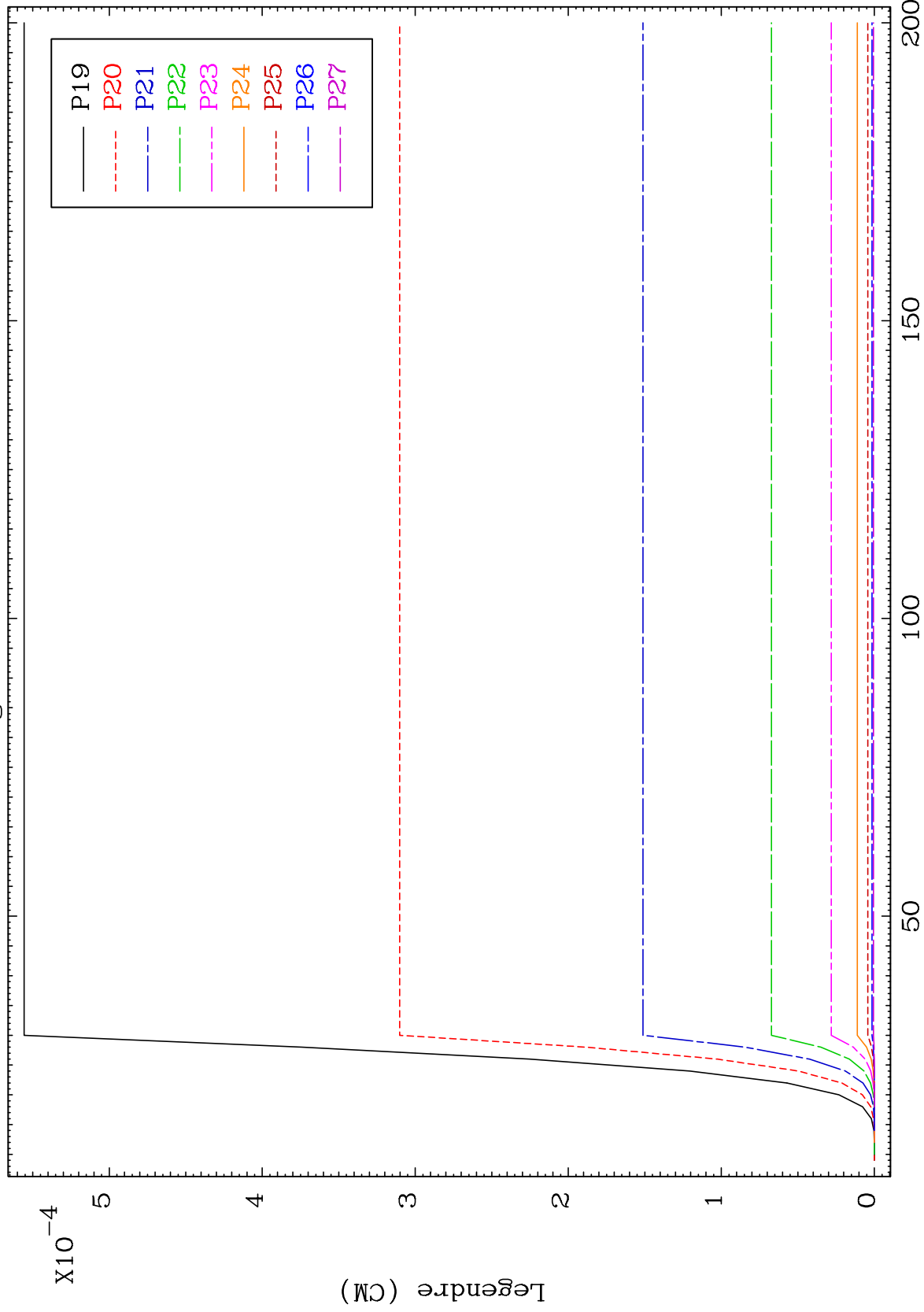
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



56

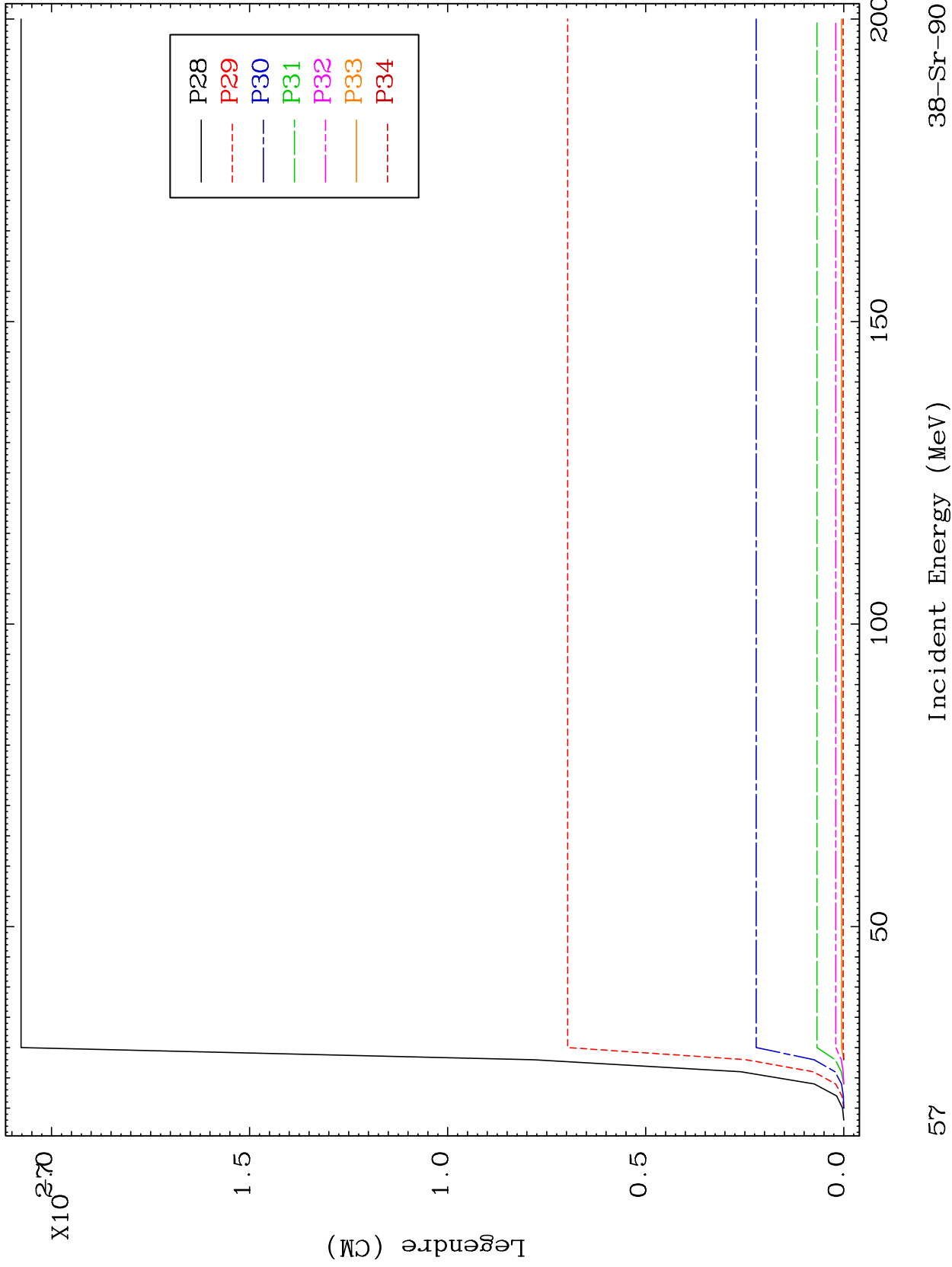
Incident Energy (MeV)

38-Sr-90

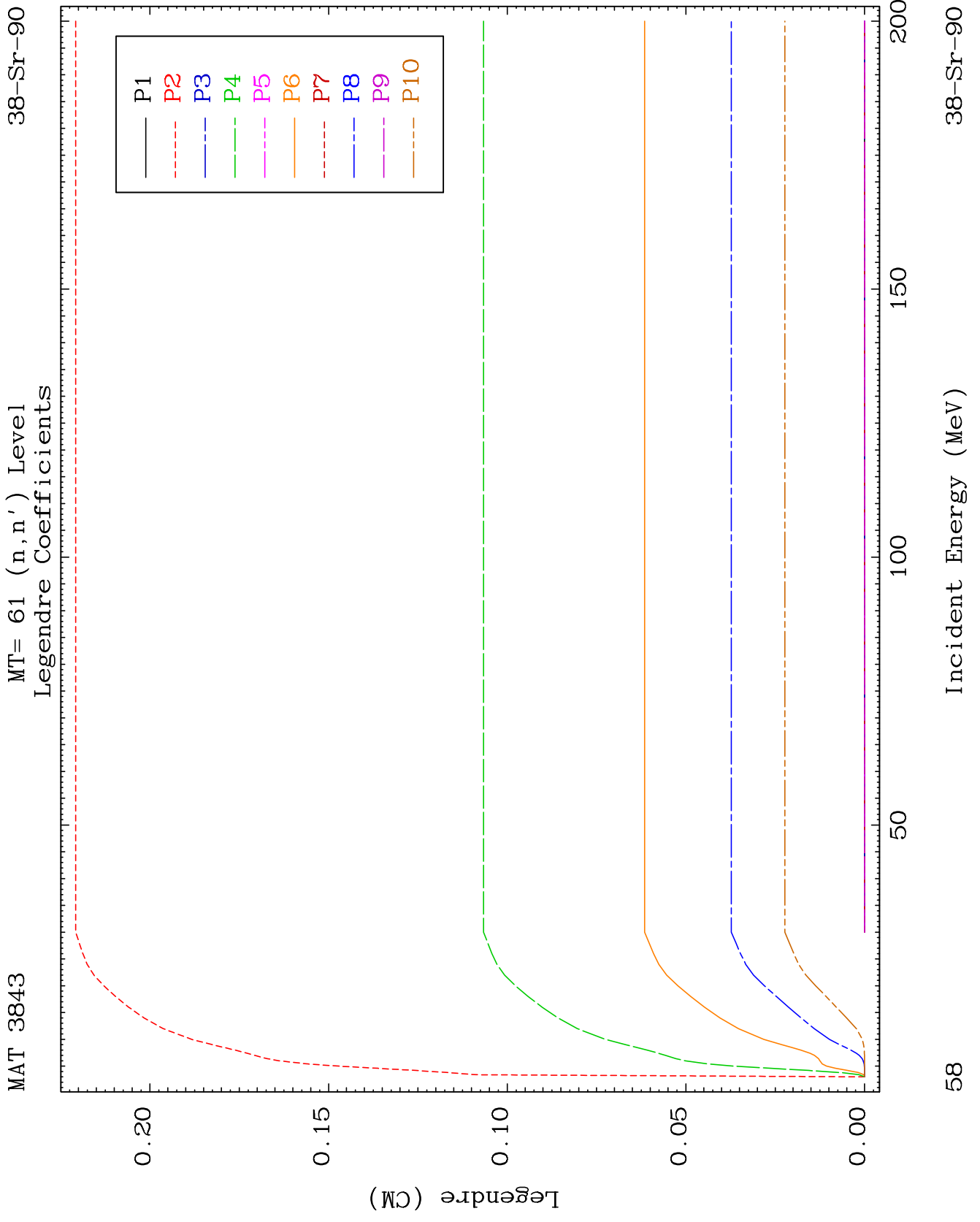
MAT 3843

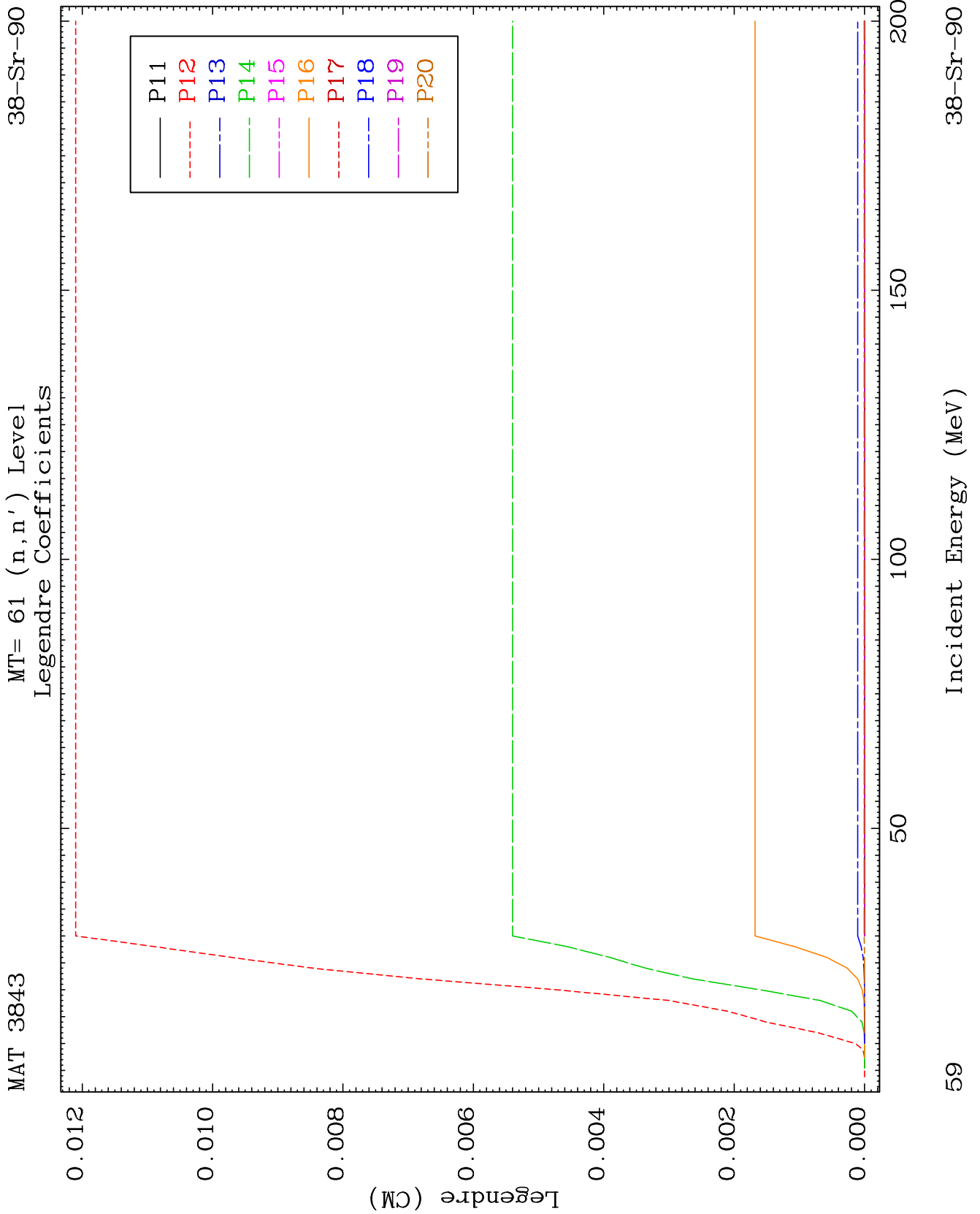
MT= 60 (n,n') Level
Legendre Coefficients

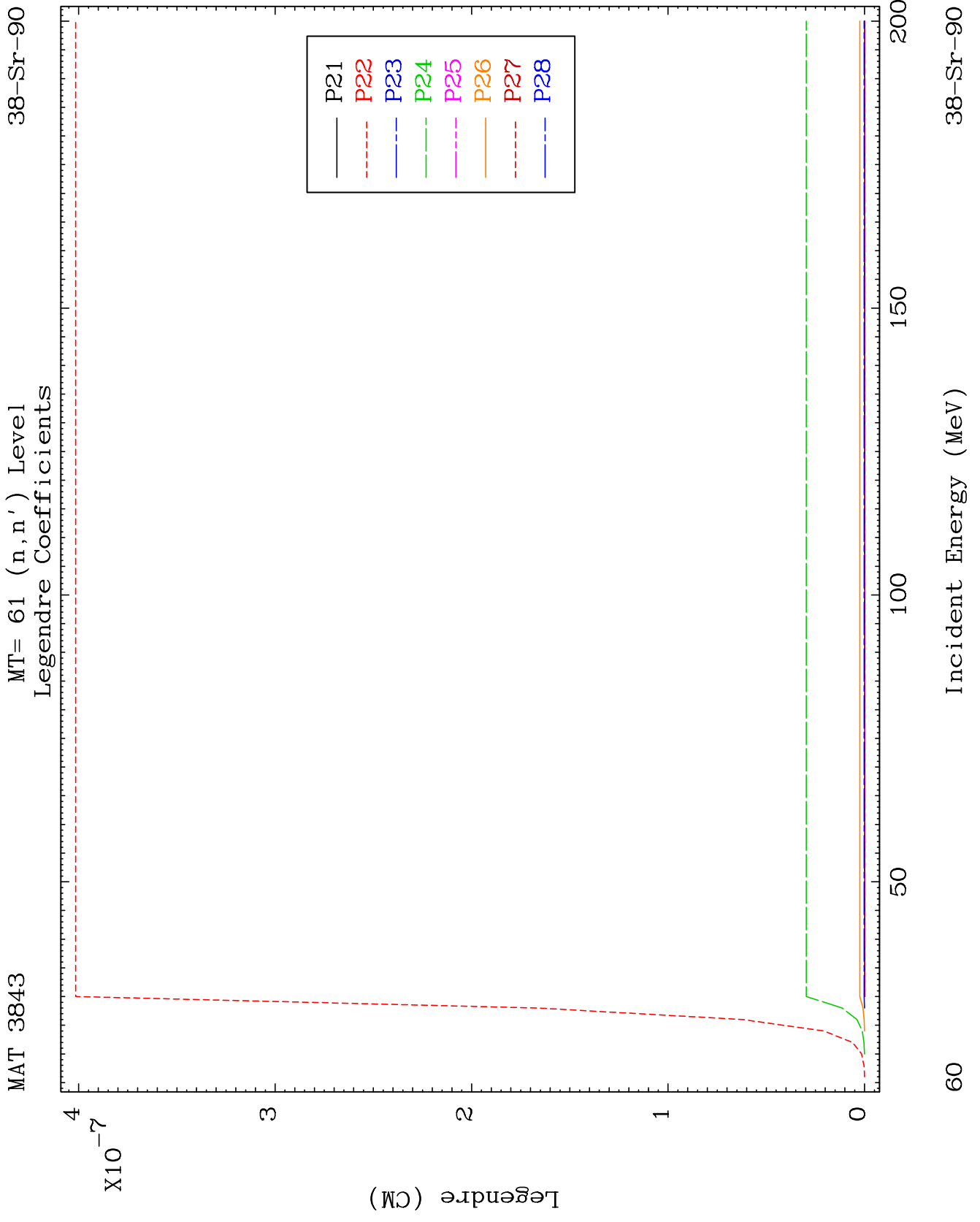
38-Sr-90



57



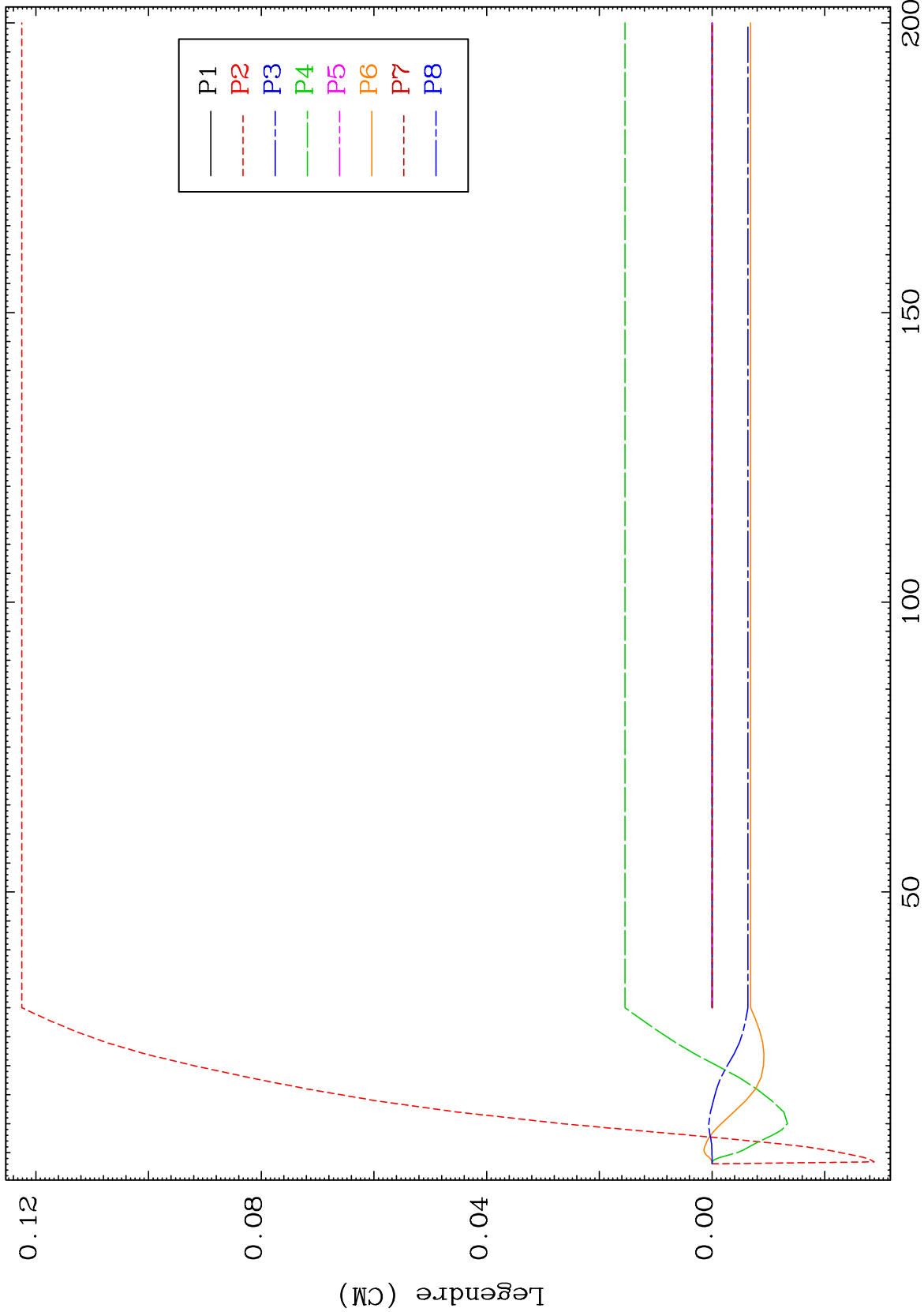




MAT 3843

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

38-Sr-90



61

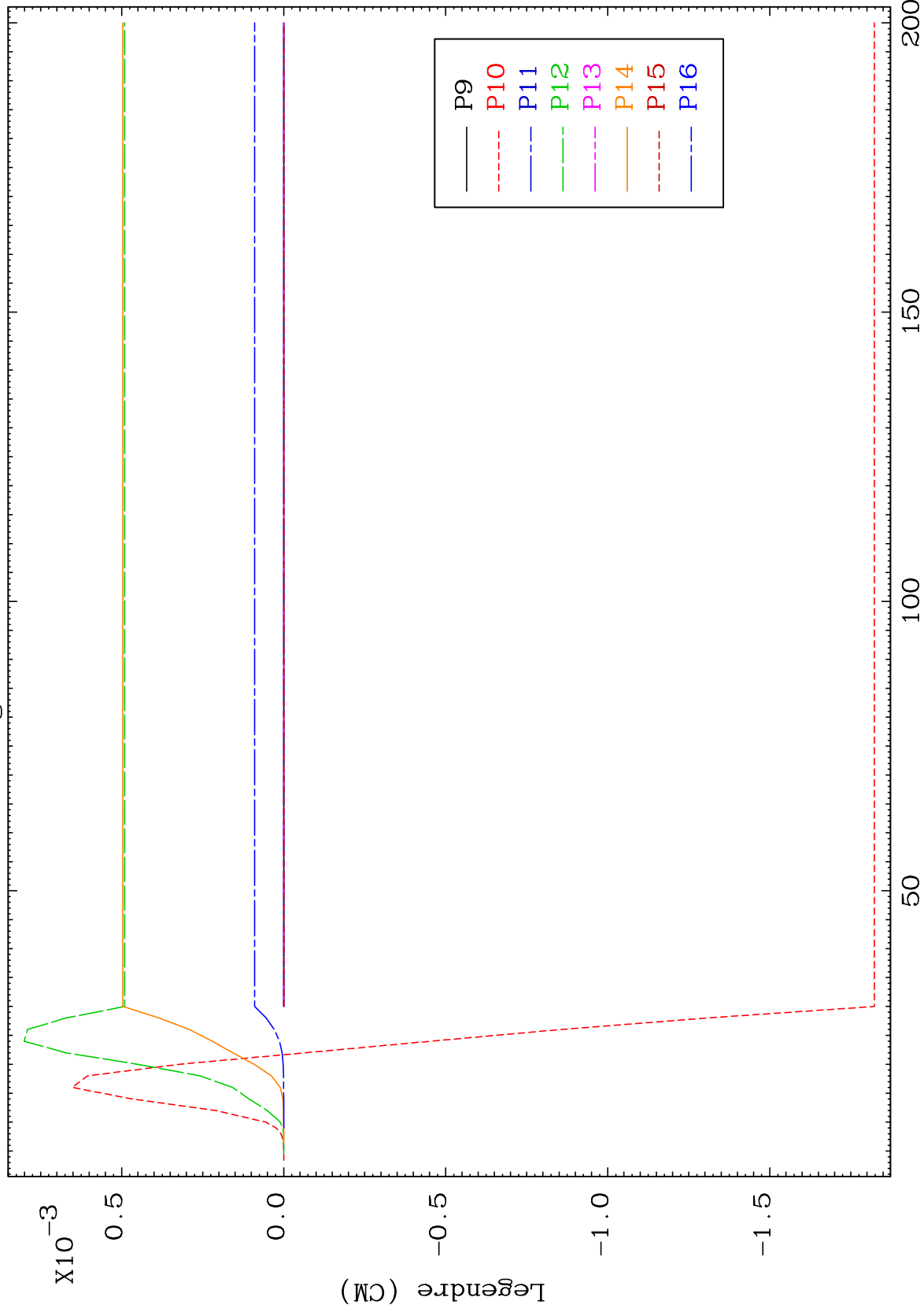
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

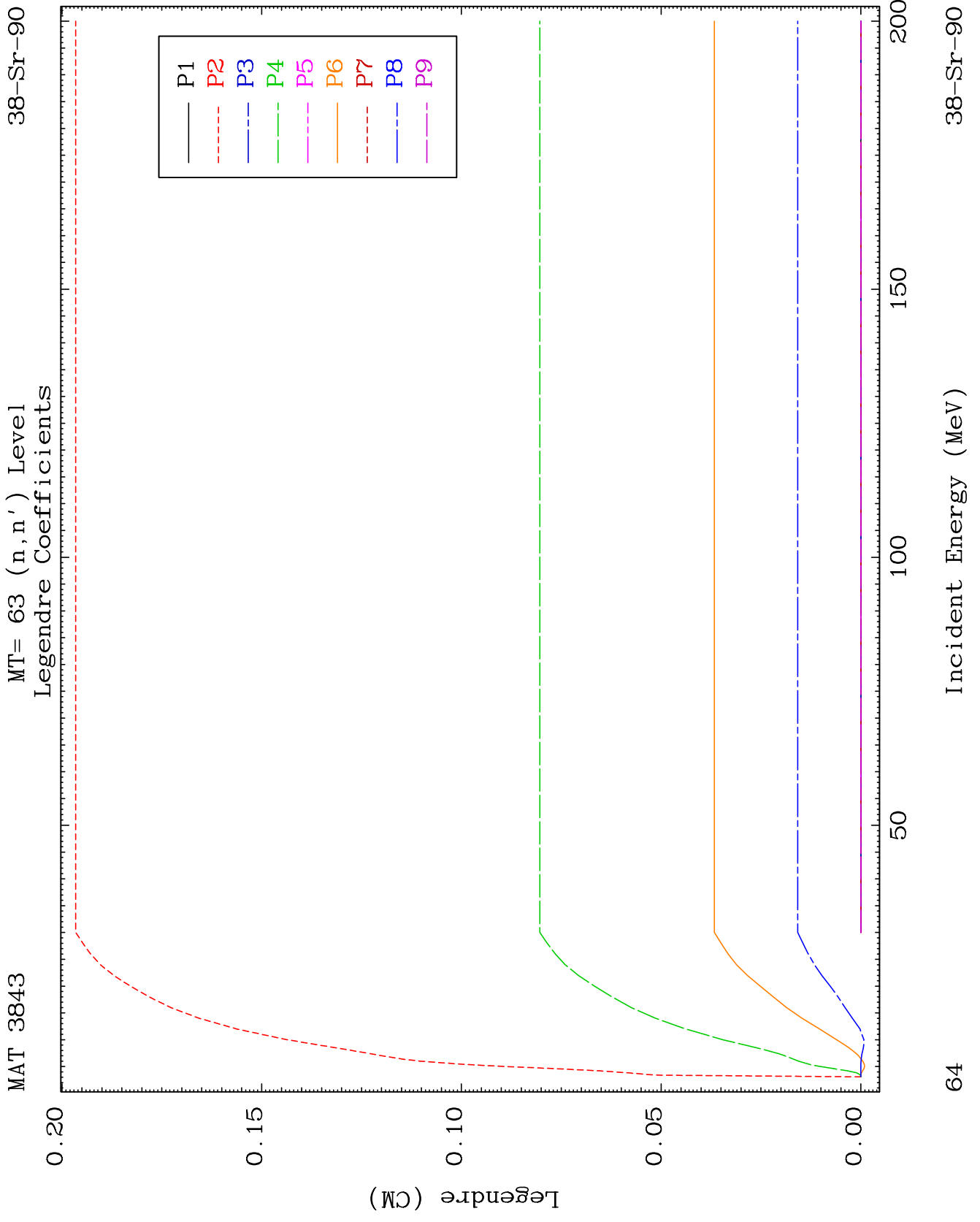
38-Sr-90



62

Incident Energy (MeV)

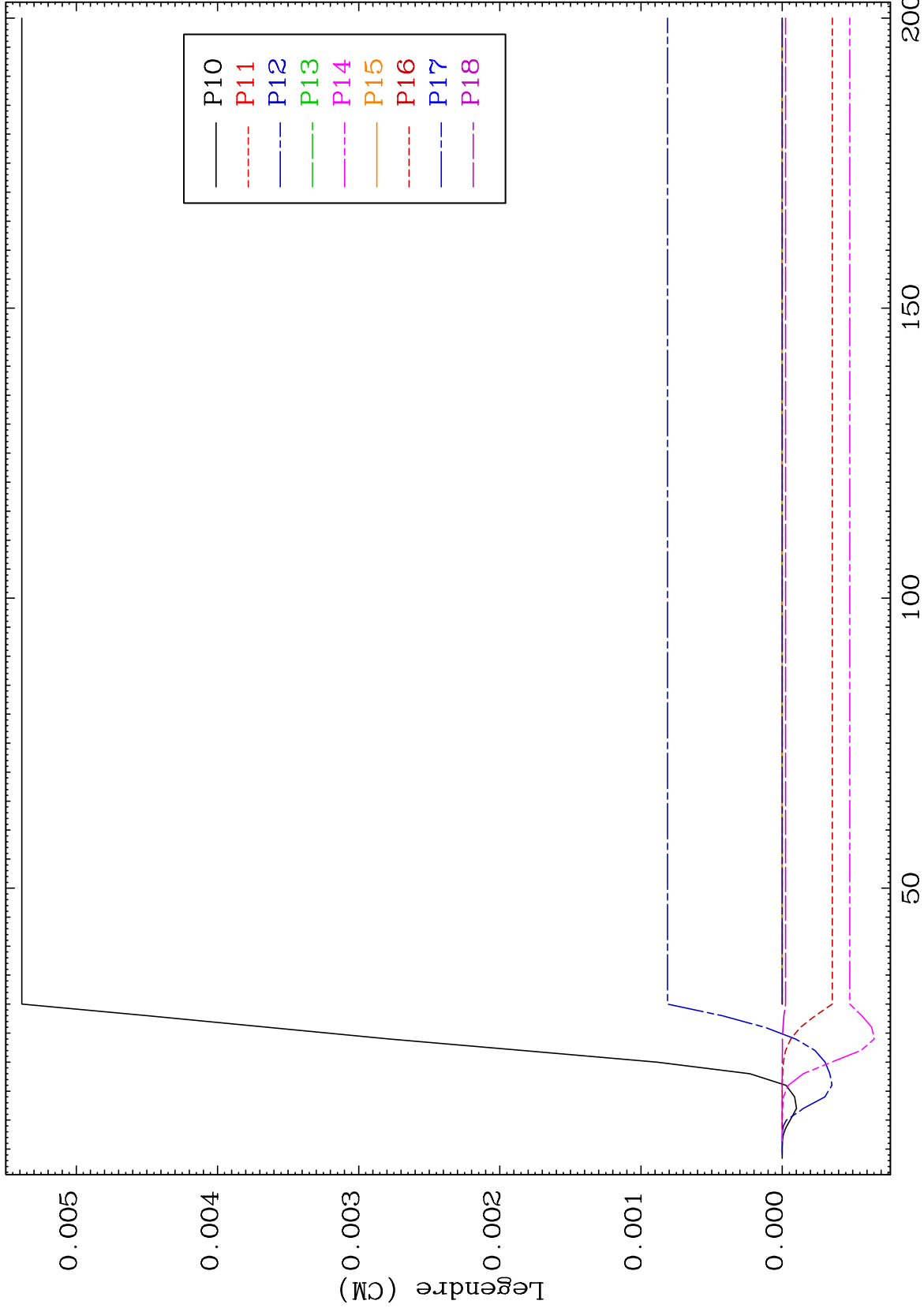
38-Sr-90



MAT 3843

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

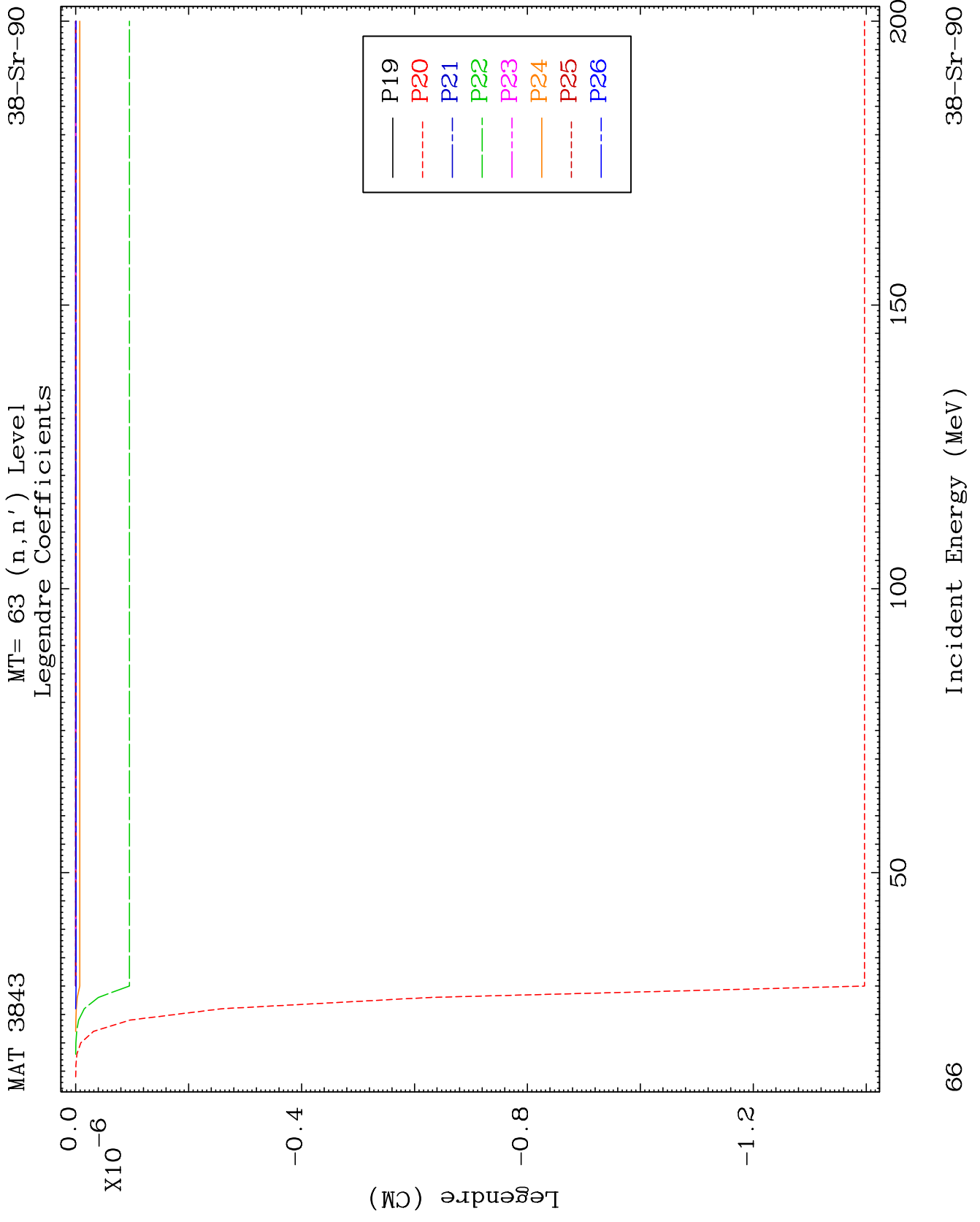
38-Sr-90



65

Incident Energy (MeV)

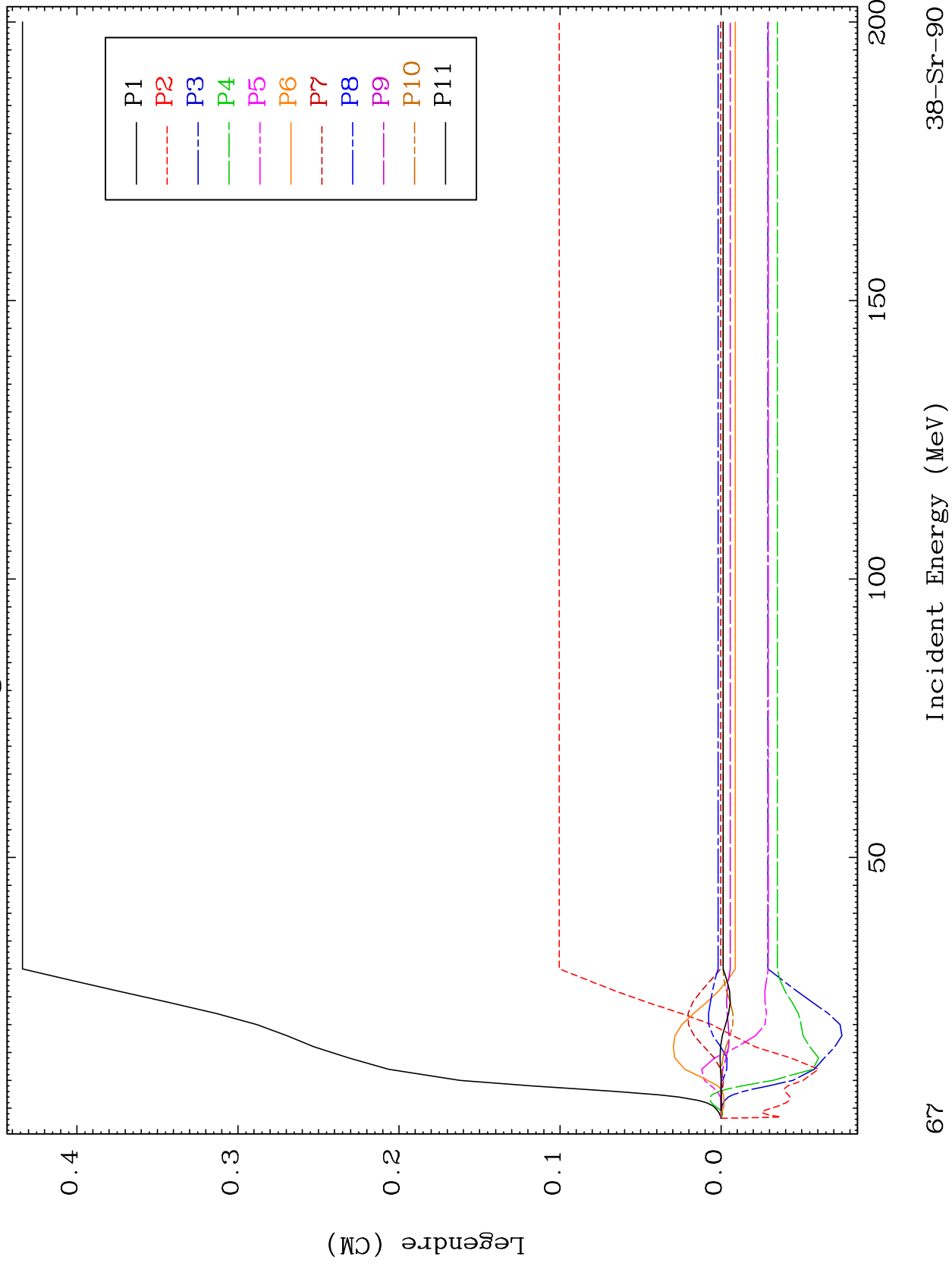
38-Sr-90



MAT 3843

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

38-Sr-90



67

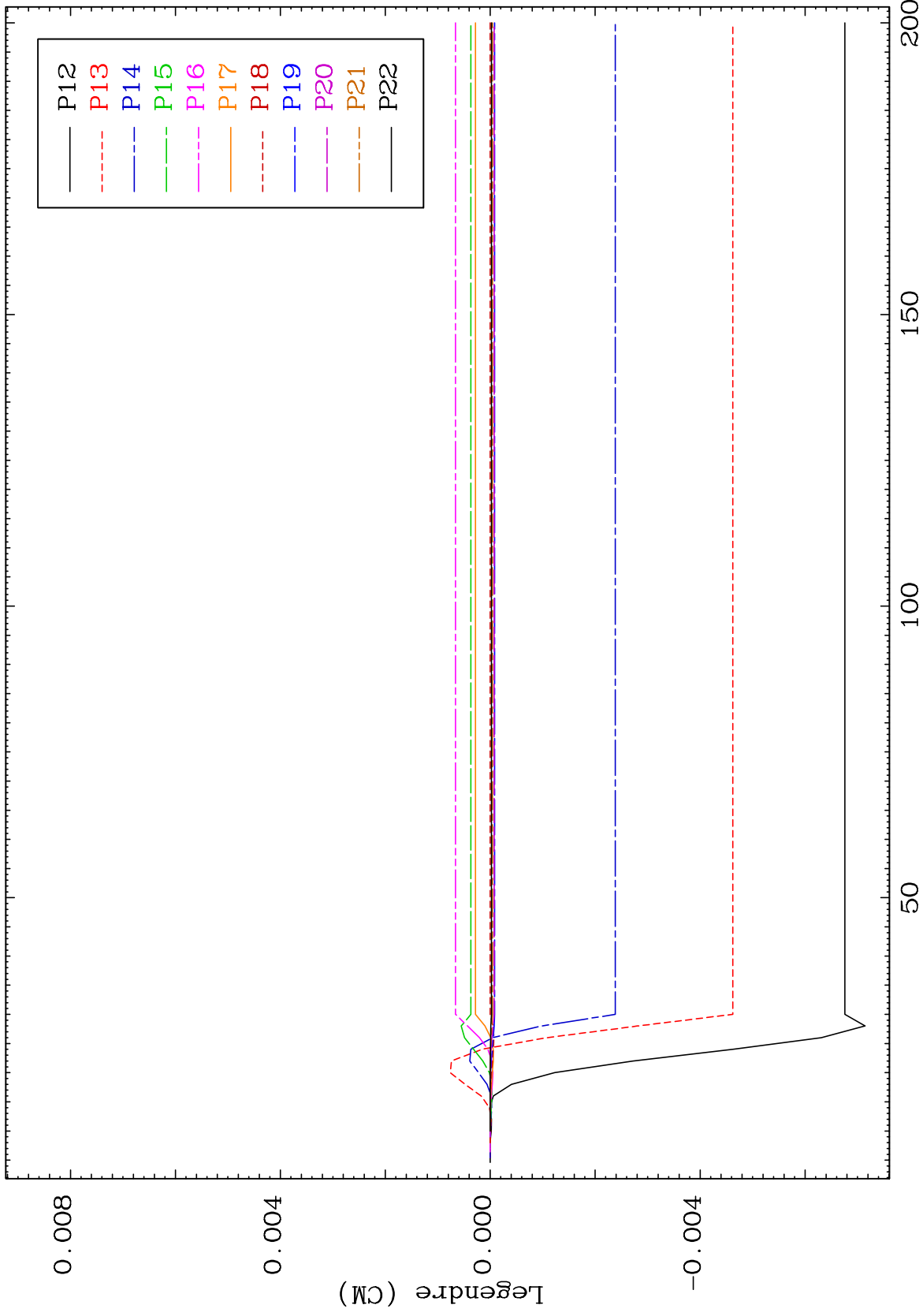
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



68

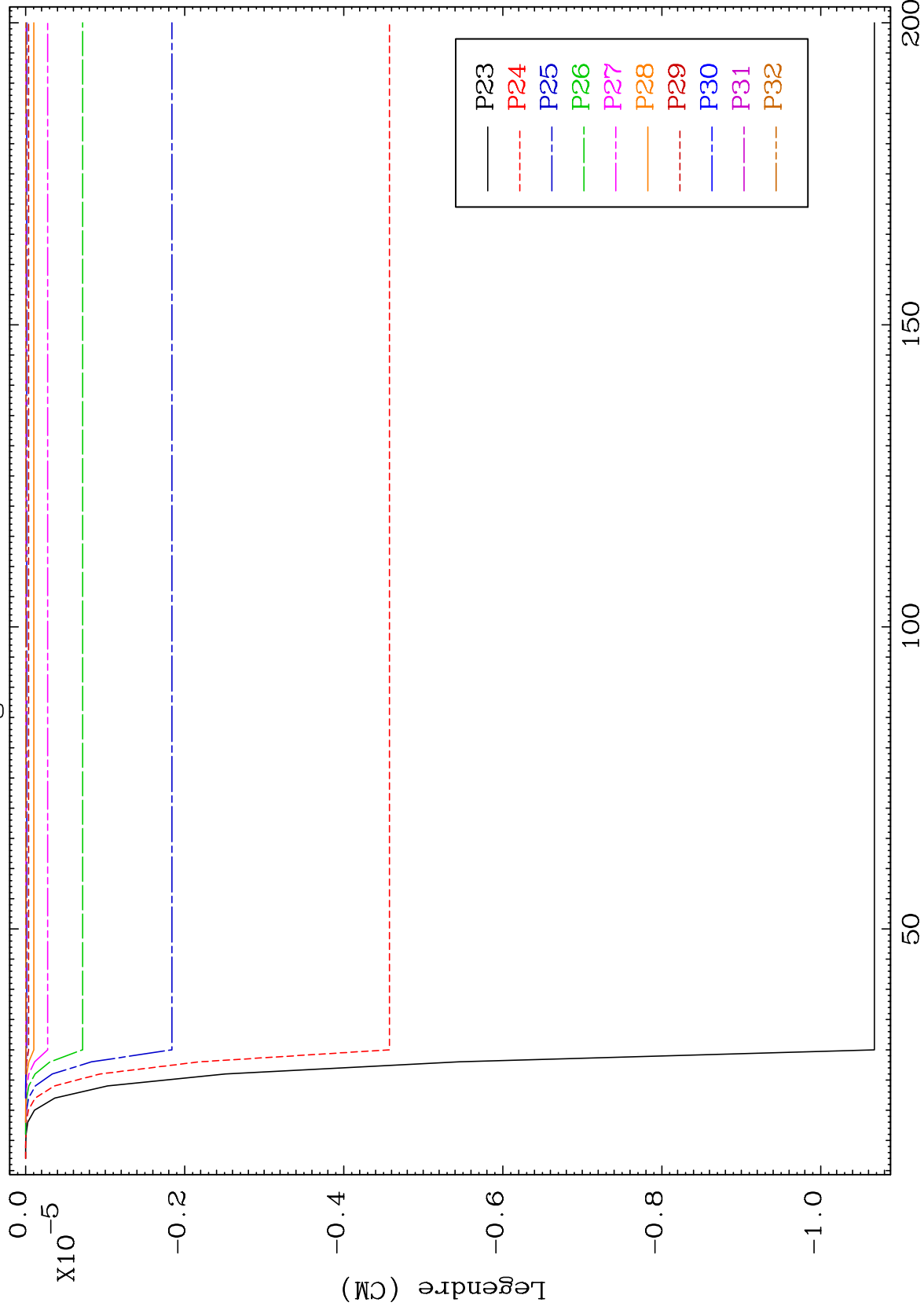
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



69

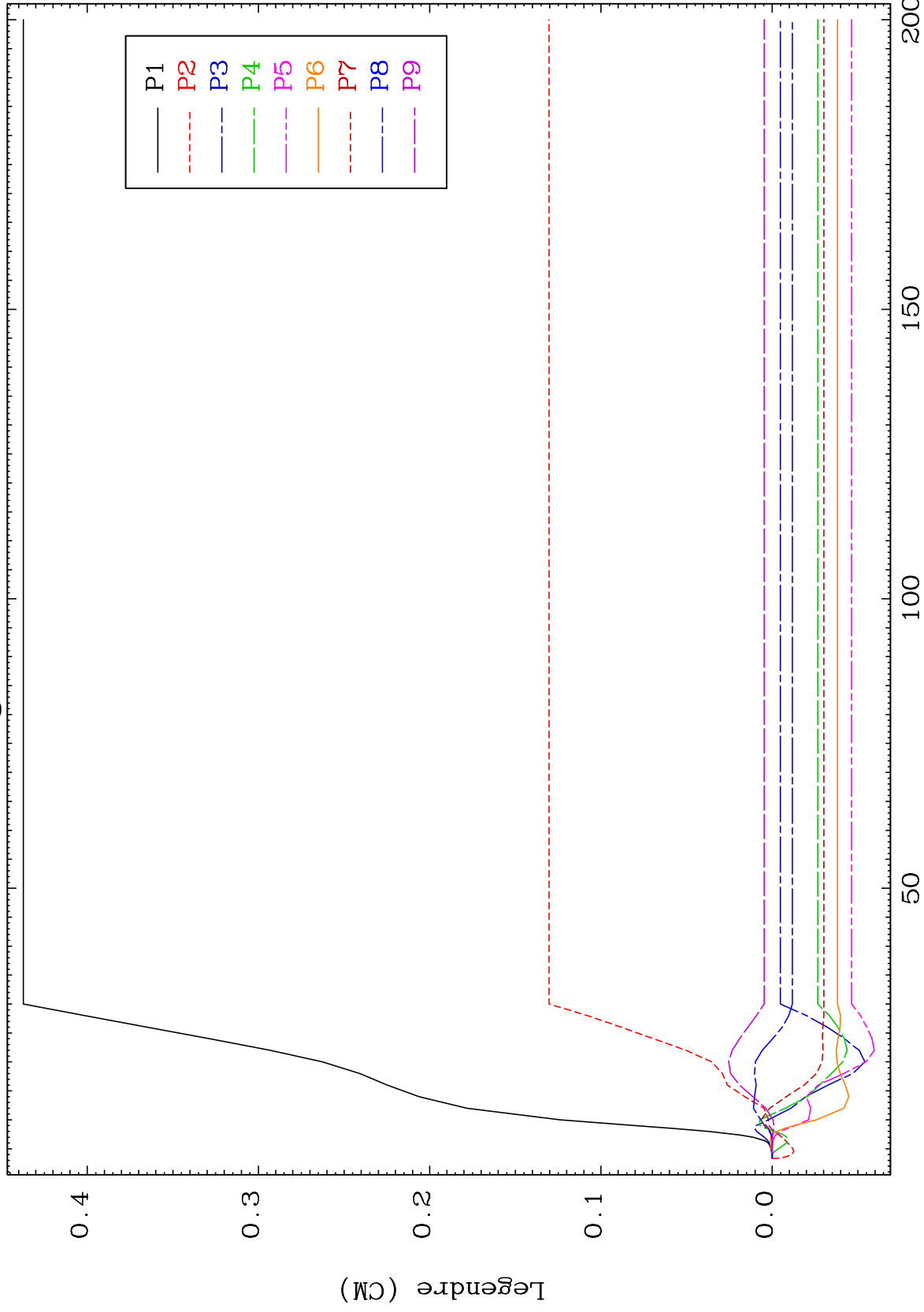
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



70

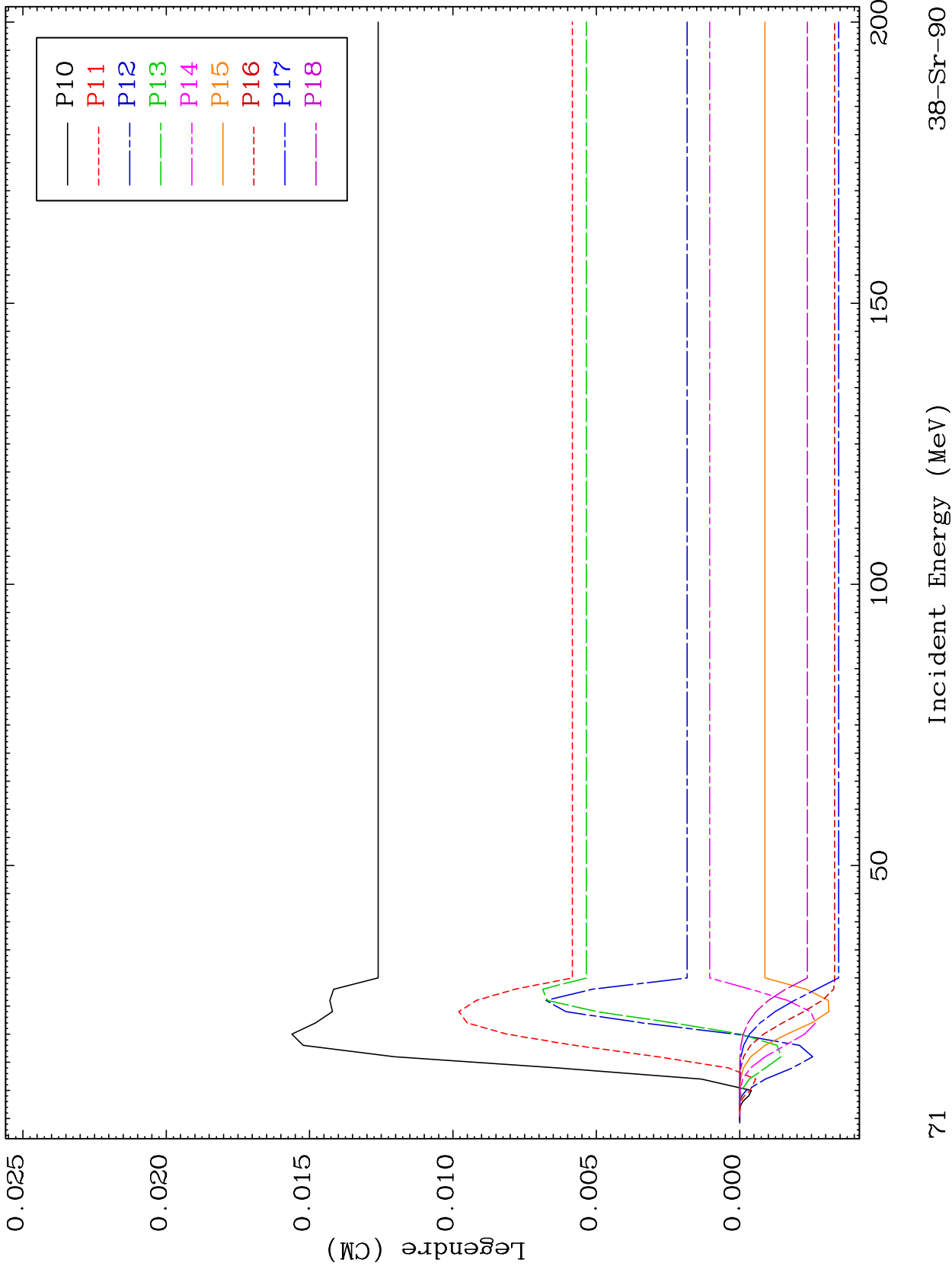
Incident Energy (MeV)

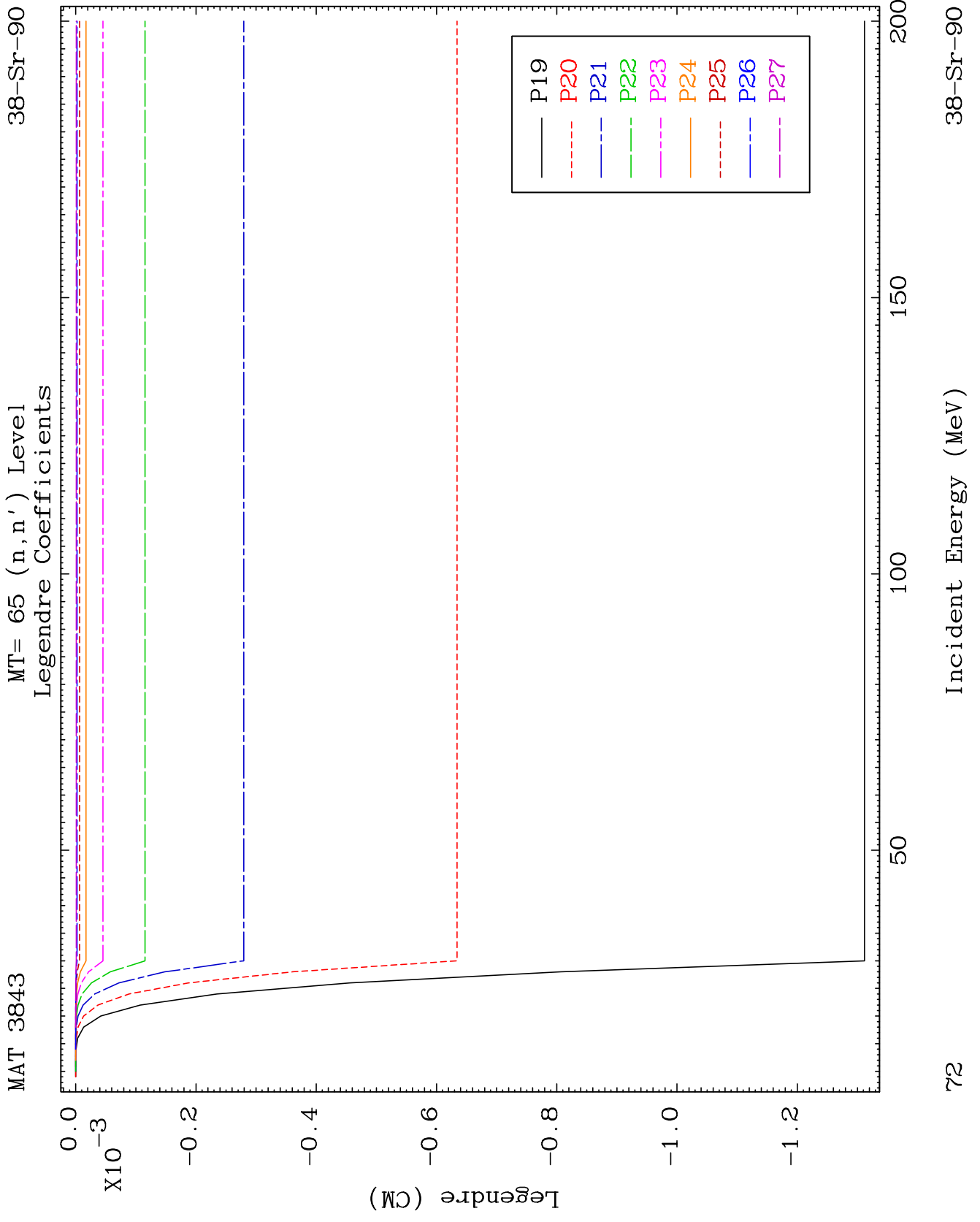
38-Sr-90

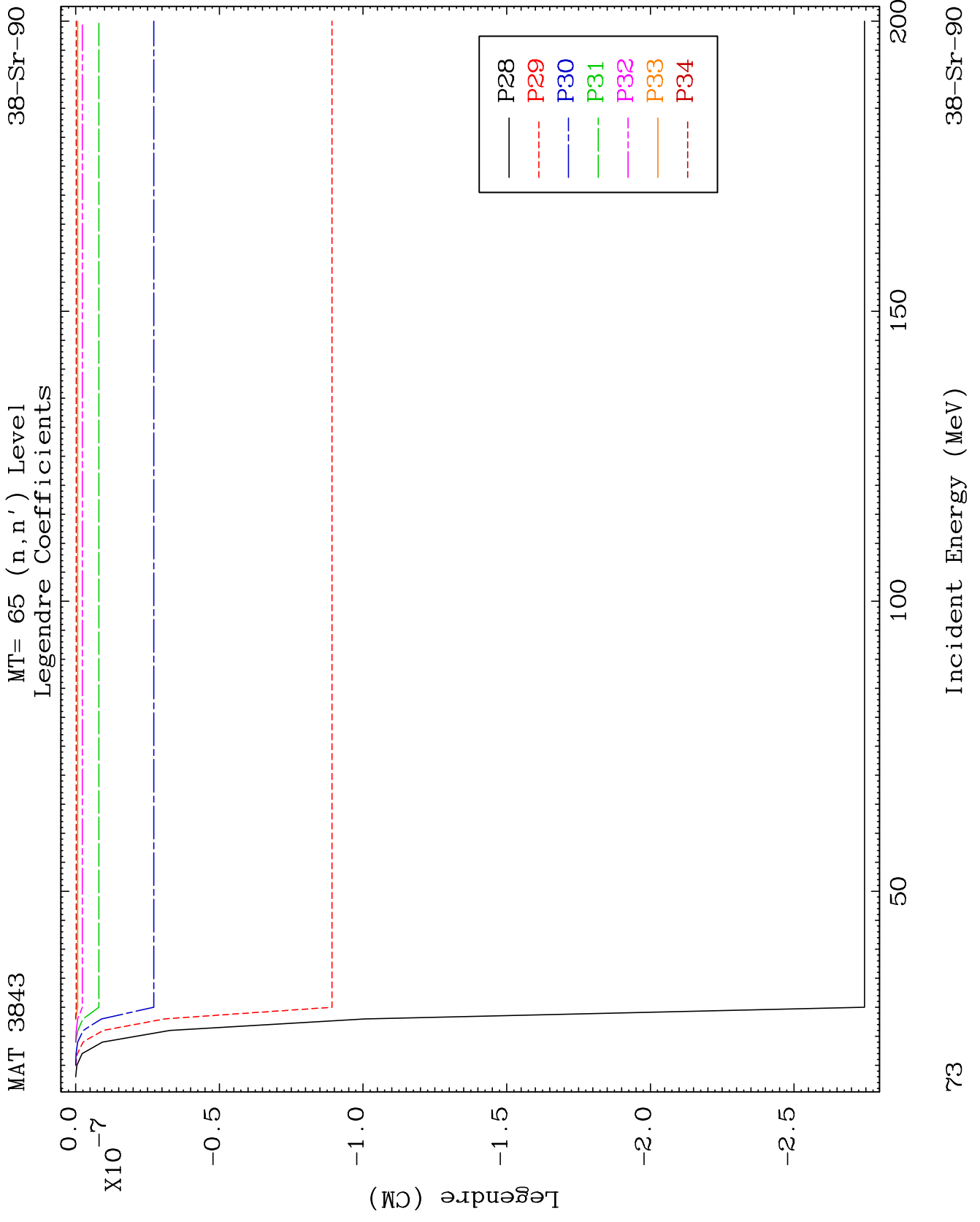
MAT 3843

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

38-Sr-90



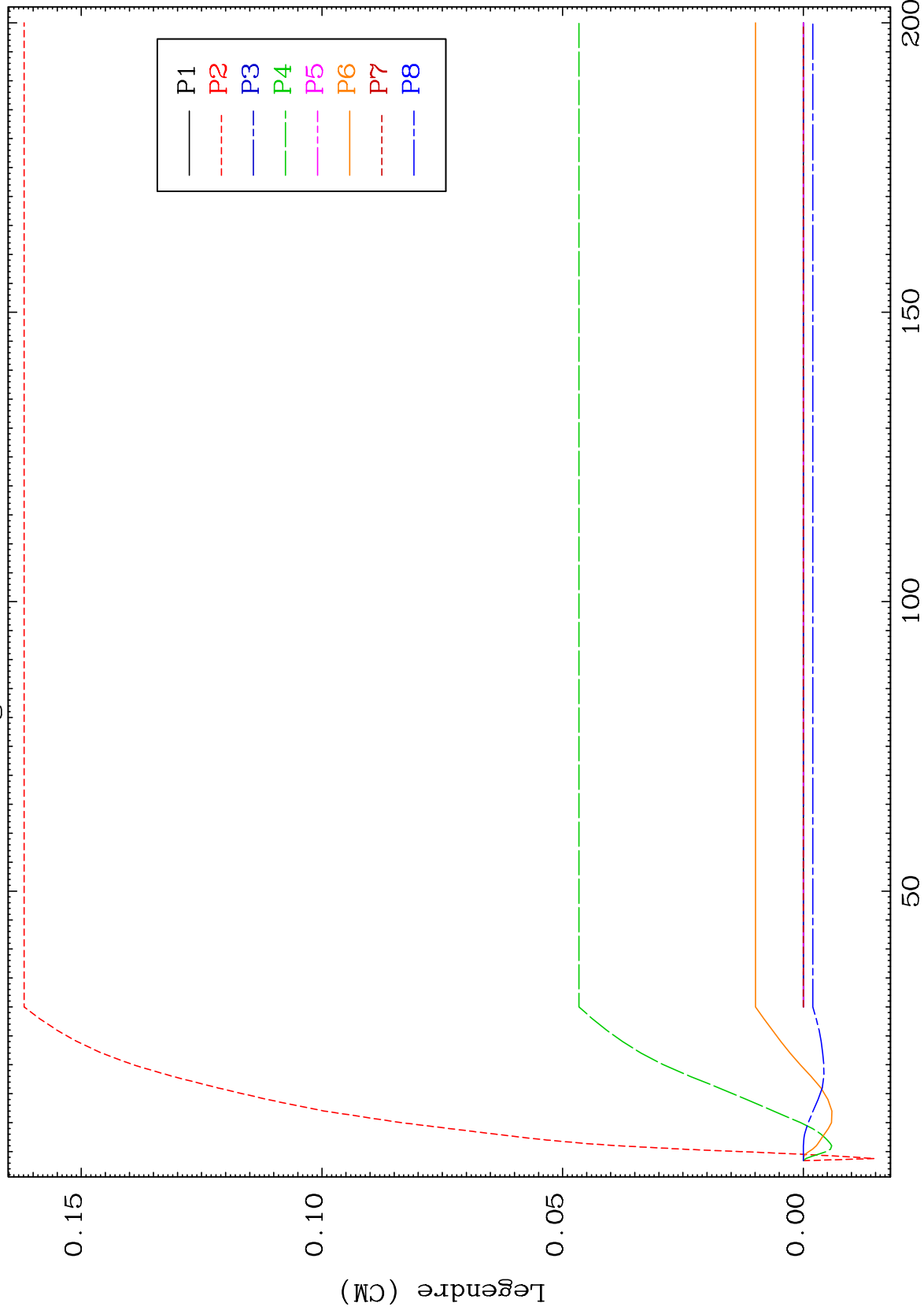




MAT 3843

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

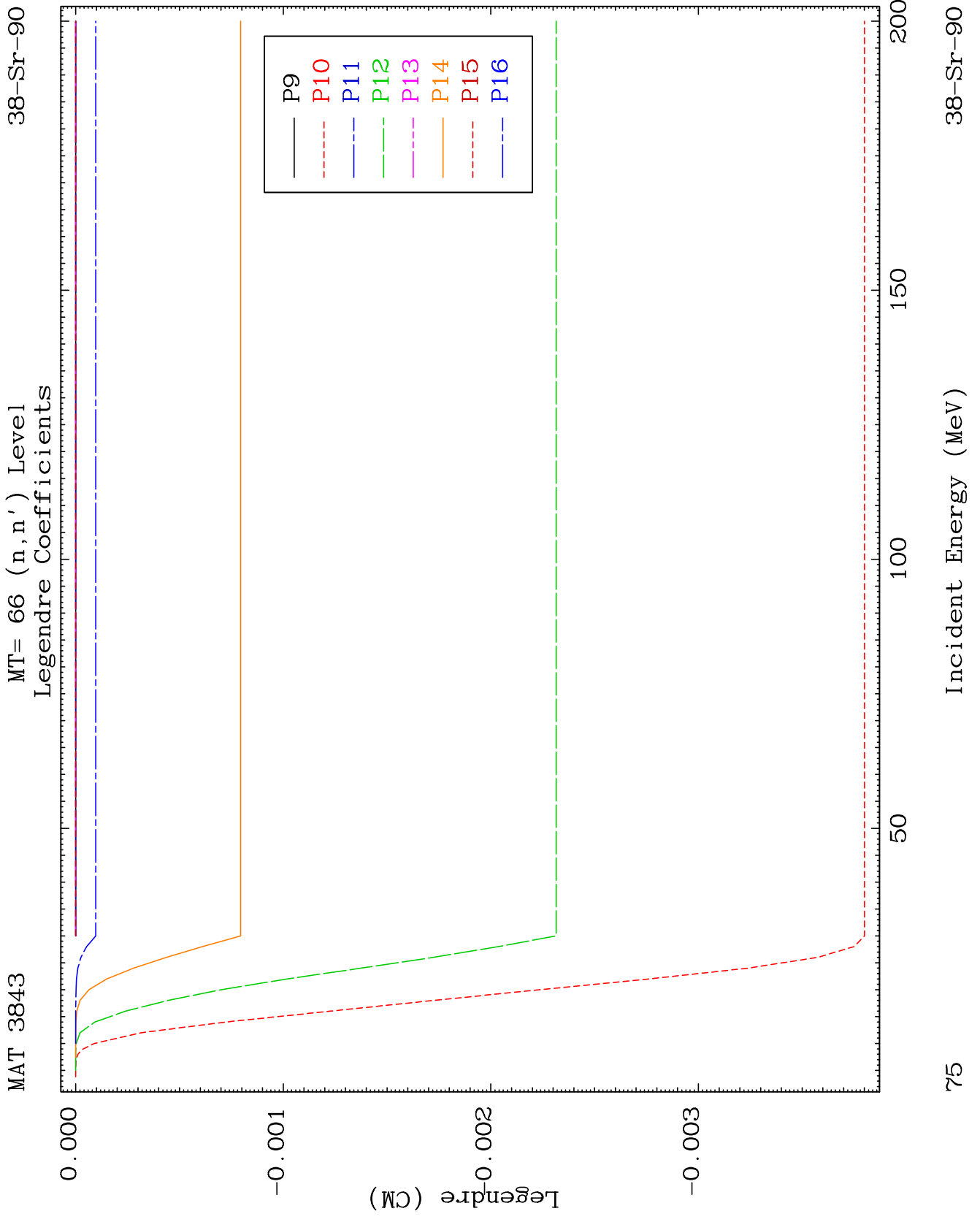
38-Sr-90

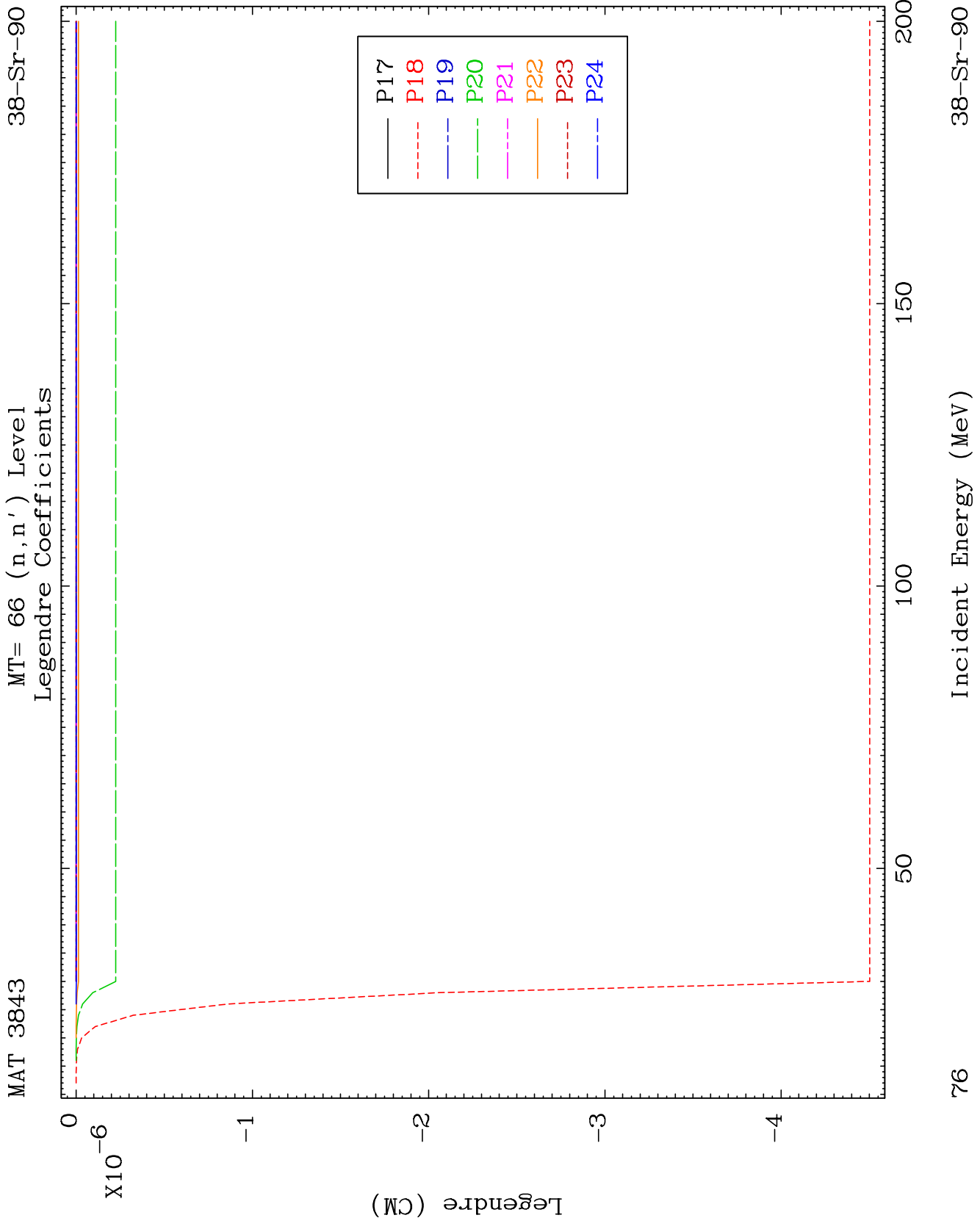


74

Incident Energy (MeV)

38-Sr-90

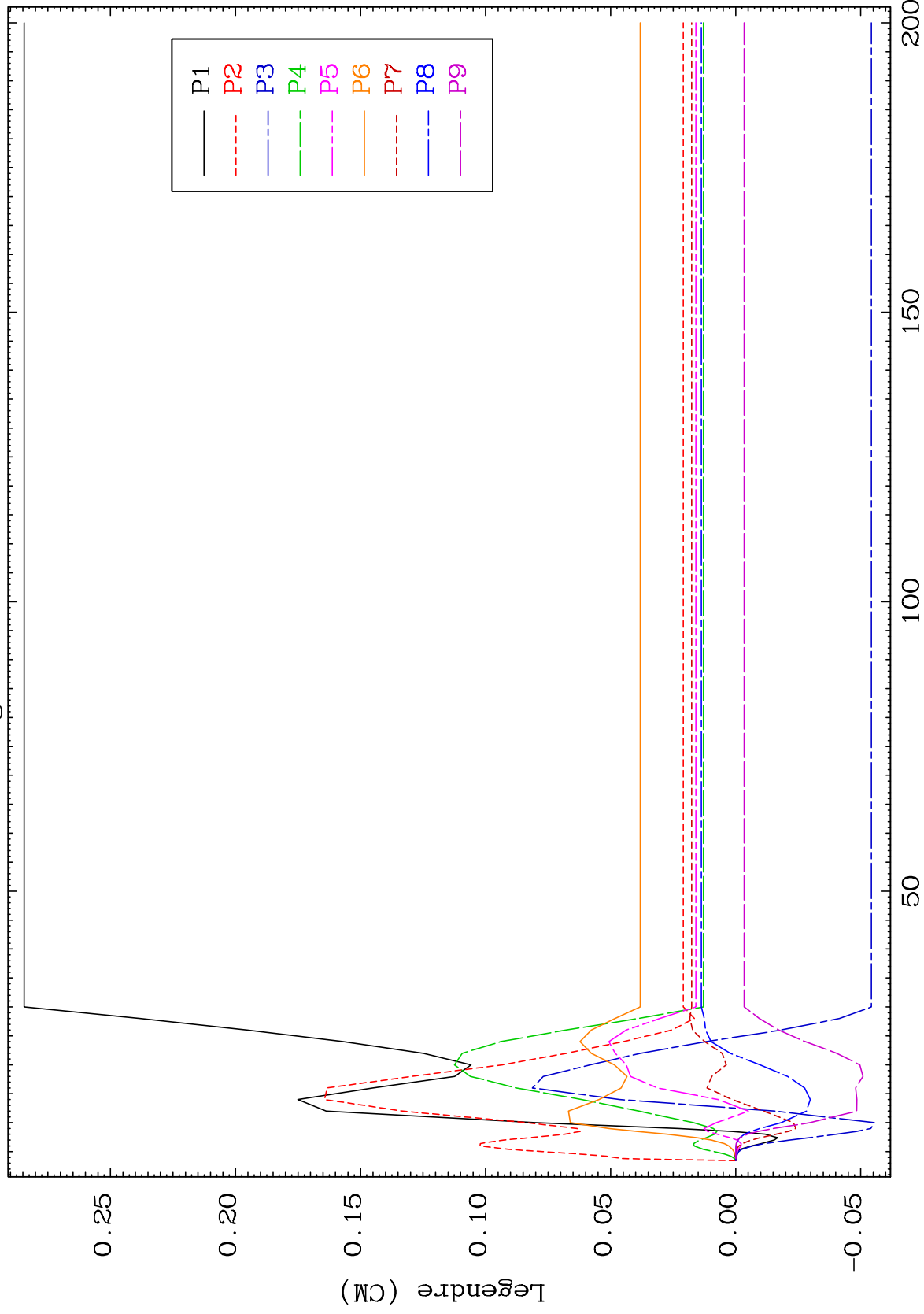




MAT 3843

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

38-Sr-90



77

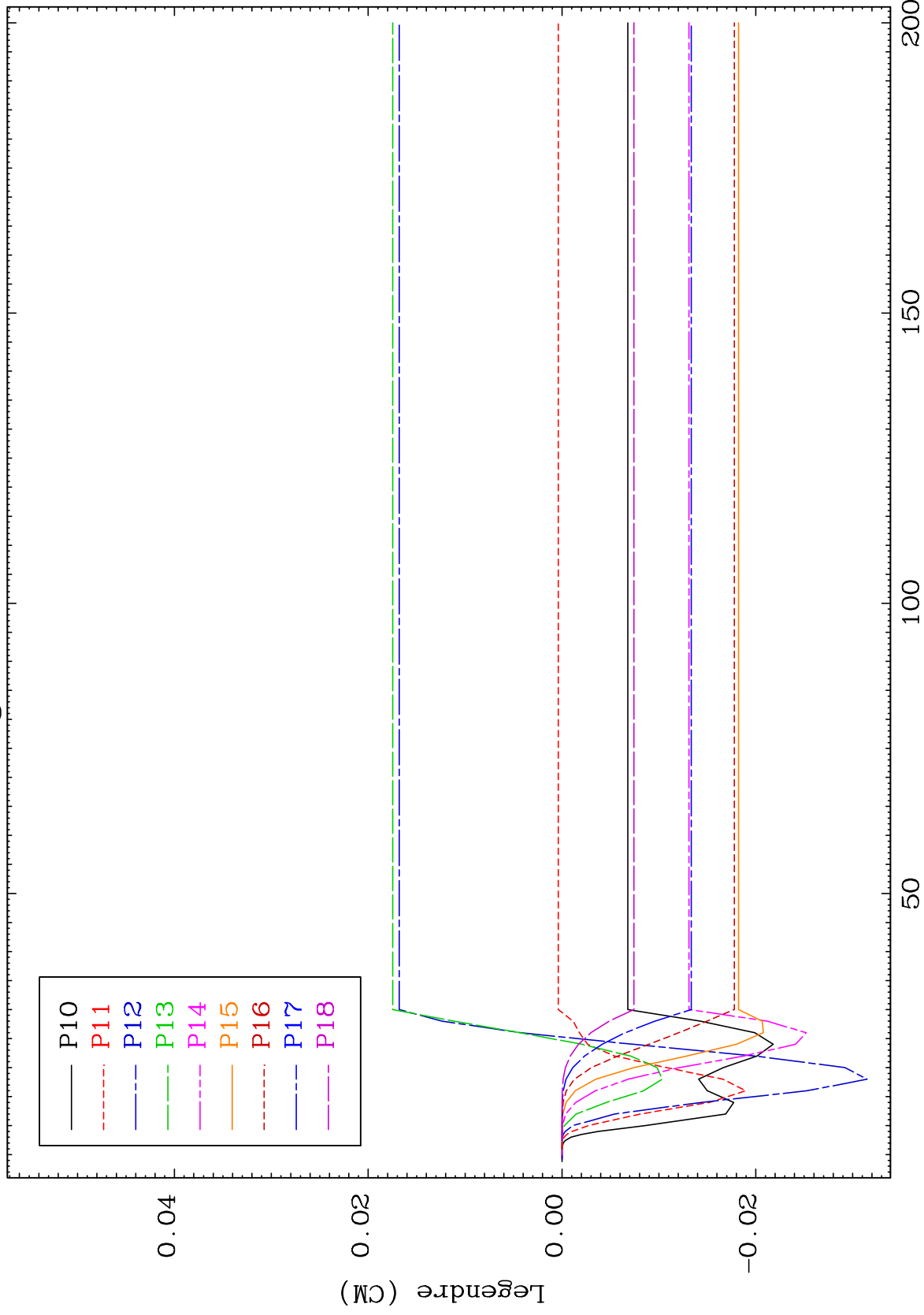
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

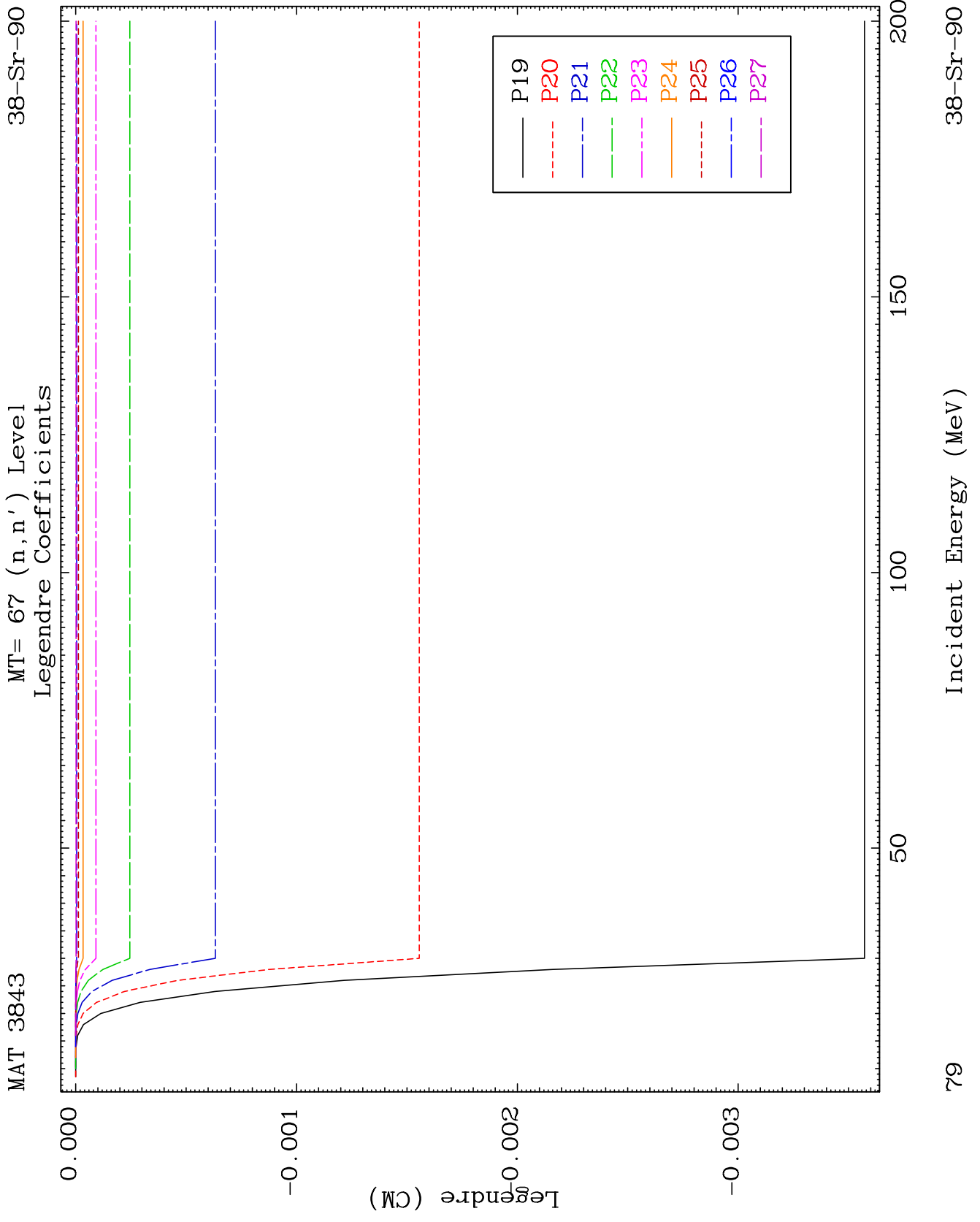
38-Sr-90

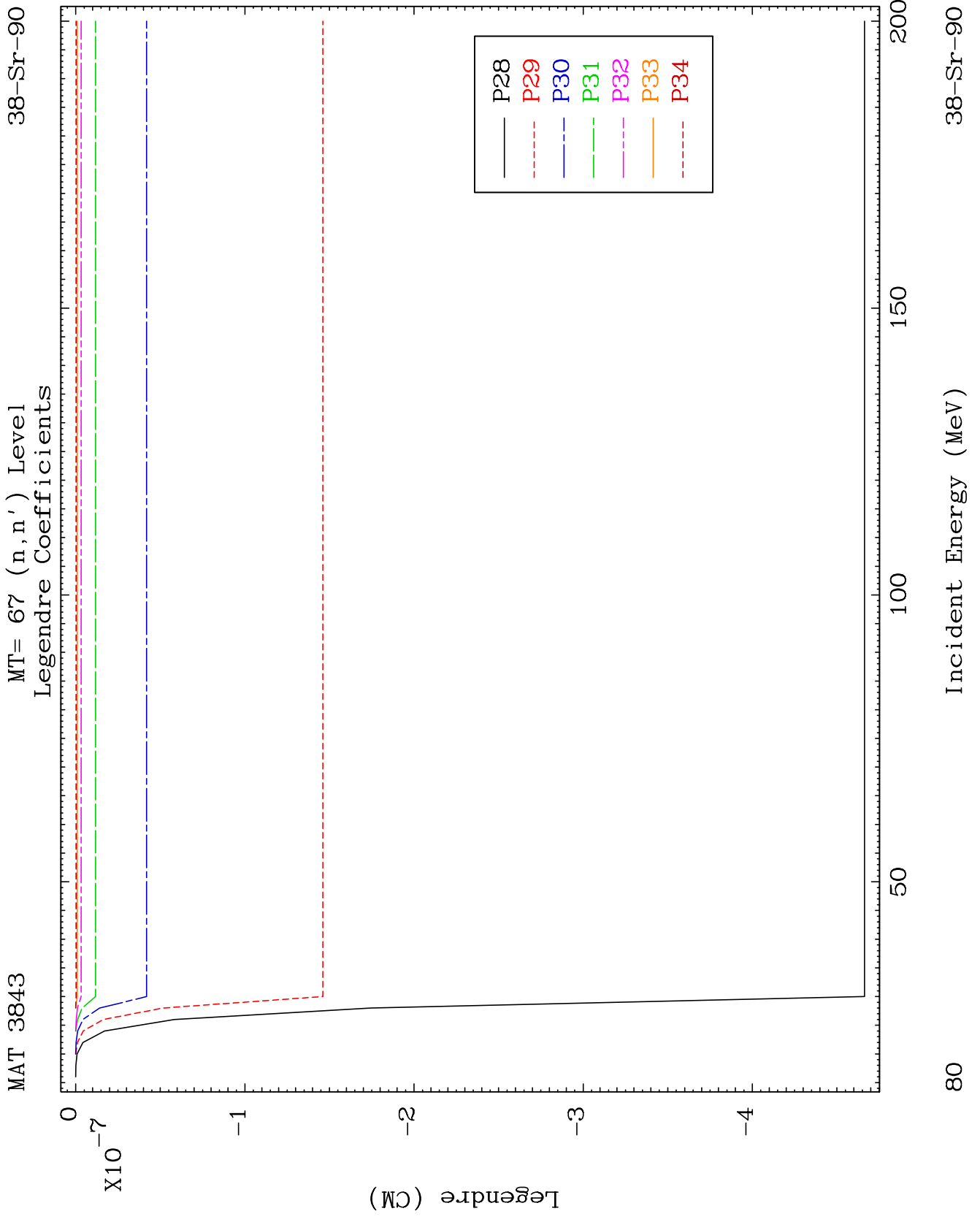


78

Incident Energy (MeV)

38-Sr-90

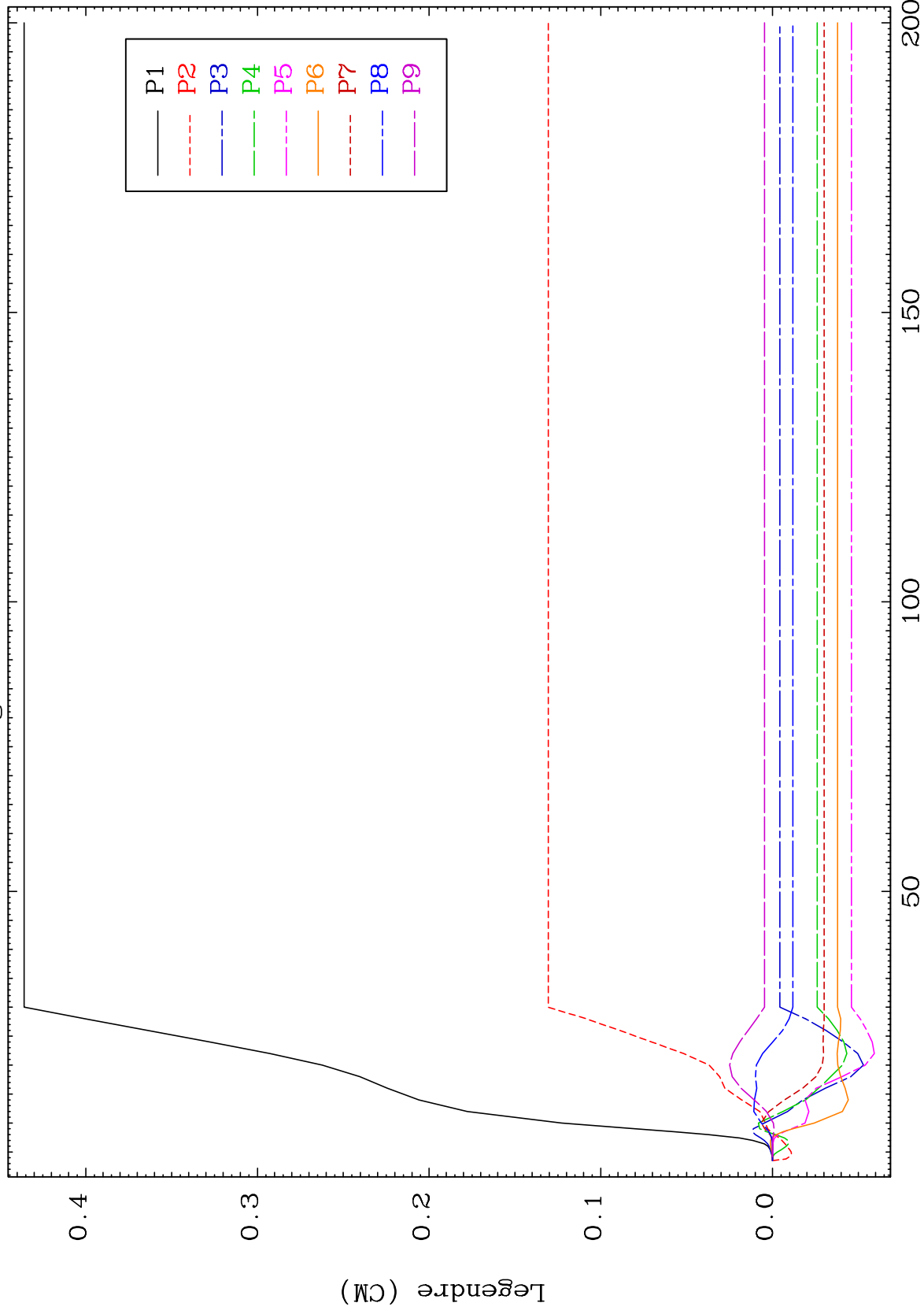




MAT 3843

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

38-Sr-90



81

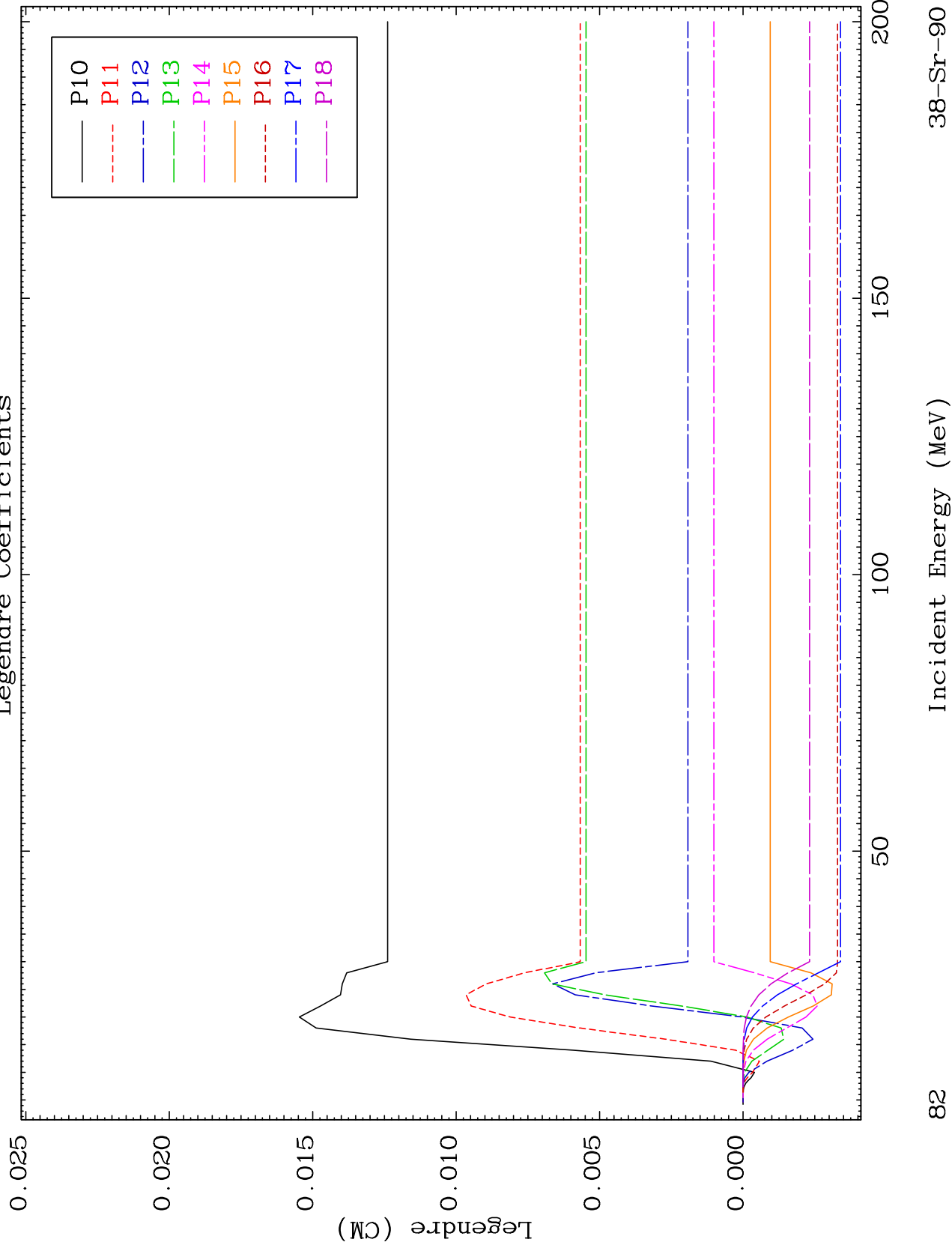
Incident Energy (MeV)

38-Sr-90

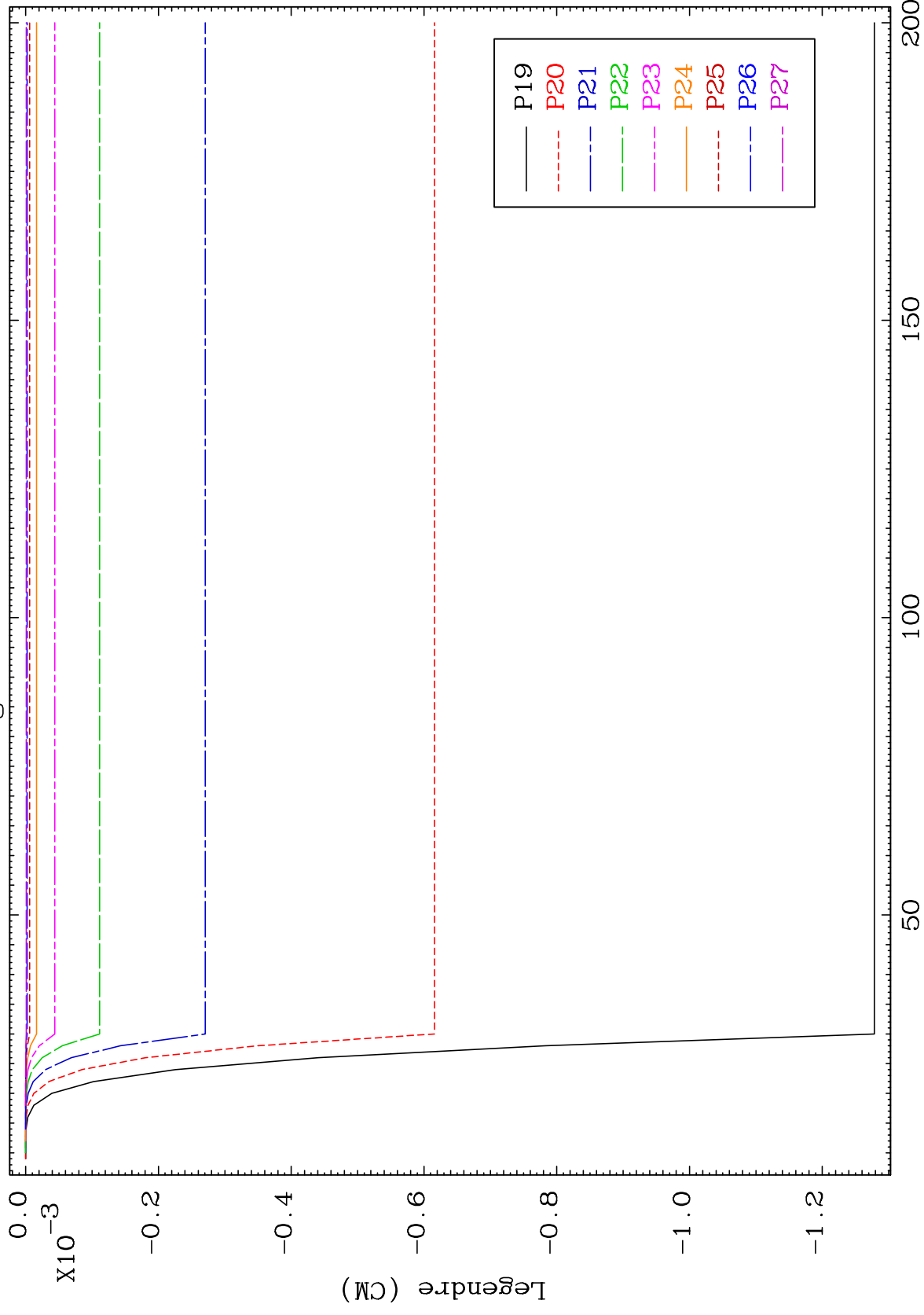
MAT 3843

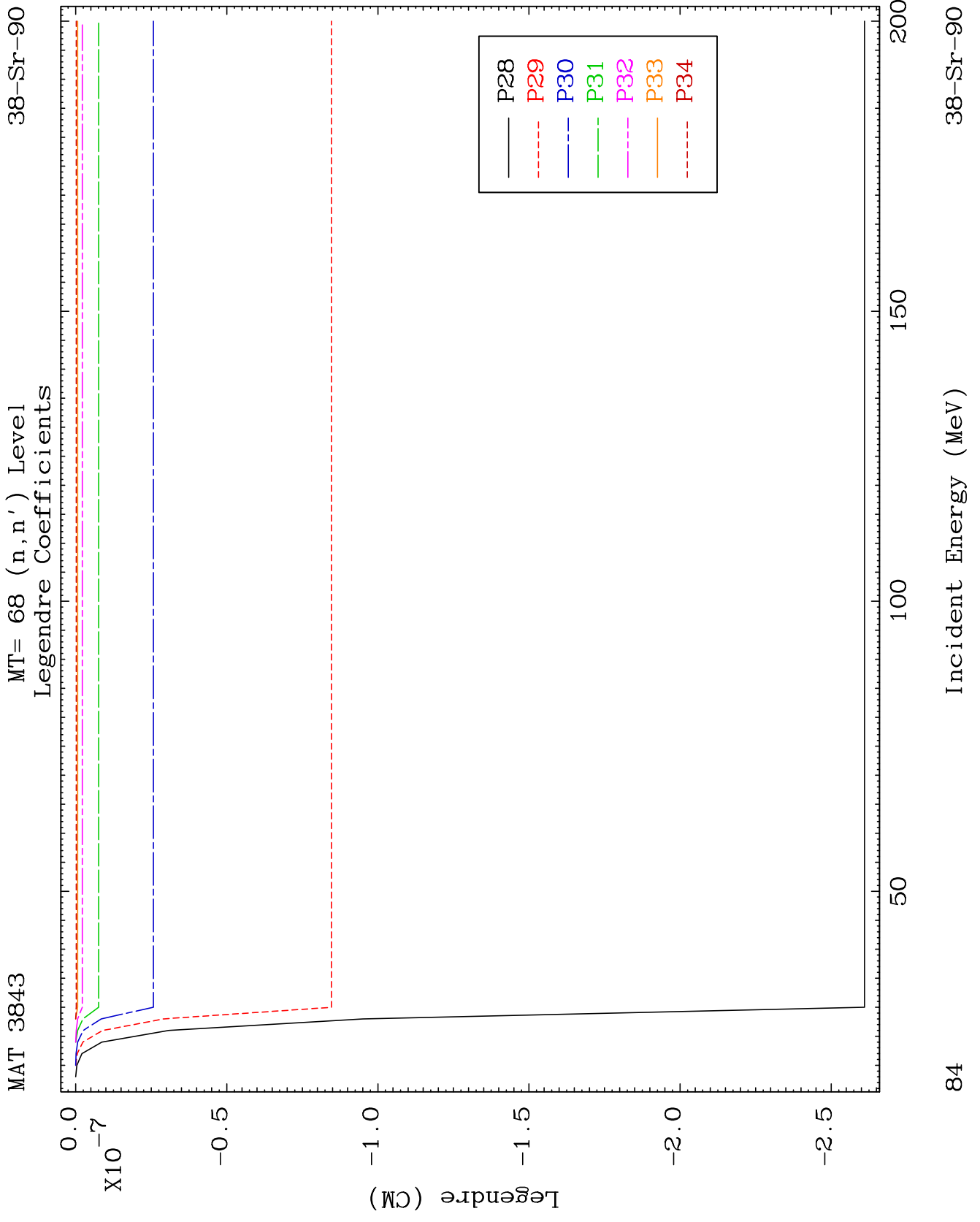
MT= 68 (n,n') Level
Legendre Coefficients

38-Sr-90



82

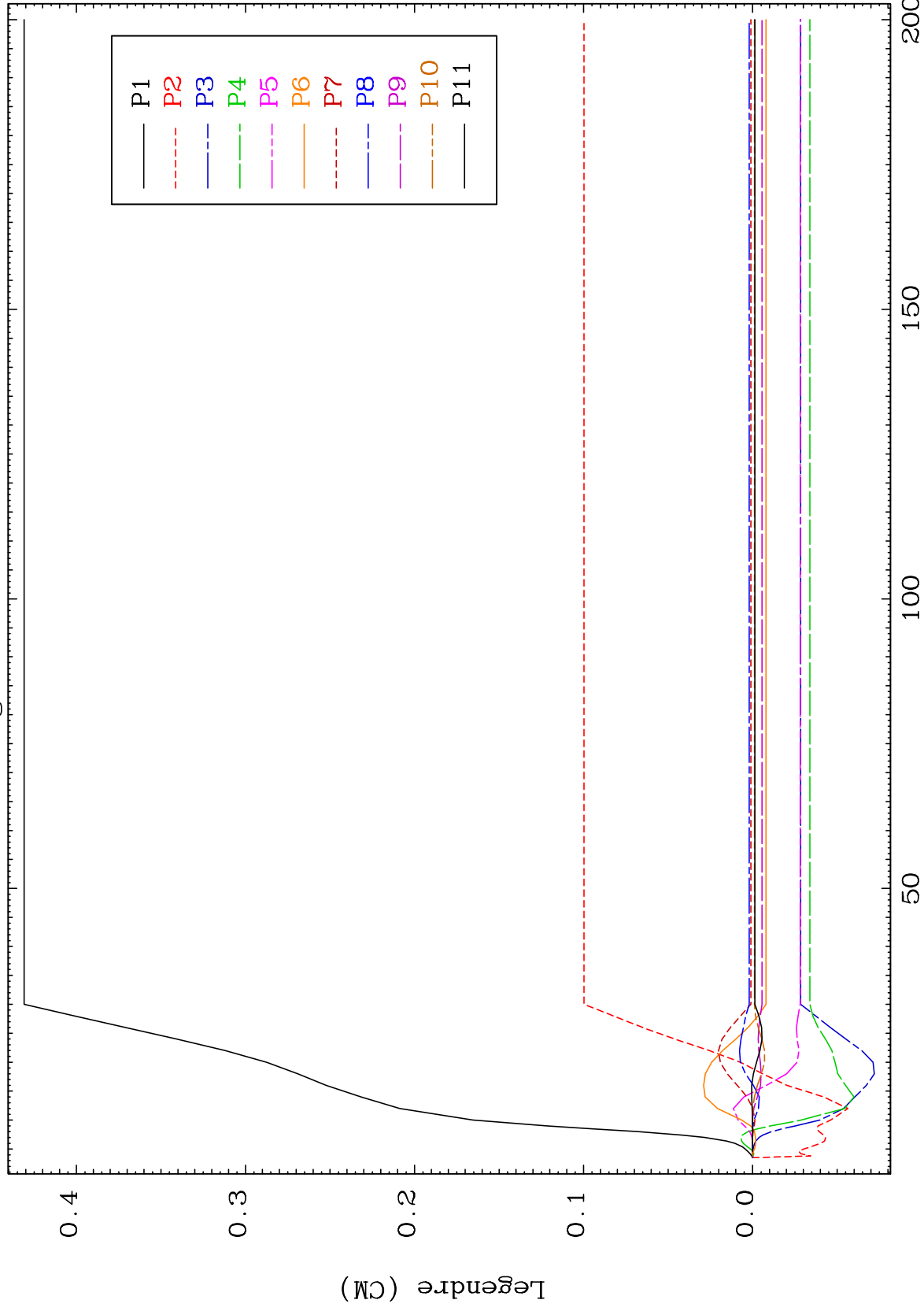




MAT 3843

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

38-Sr-90



85

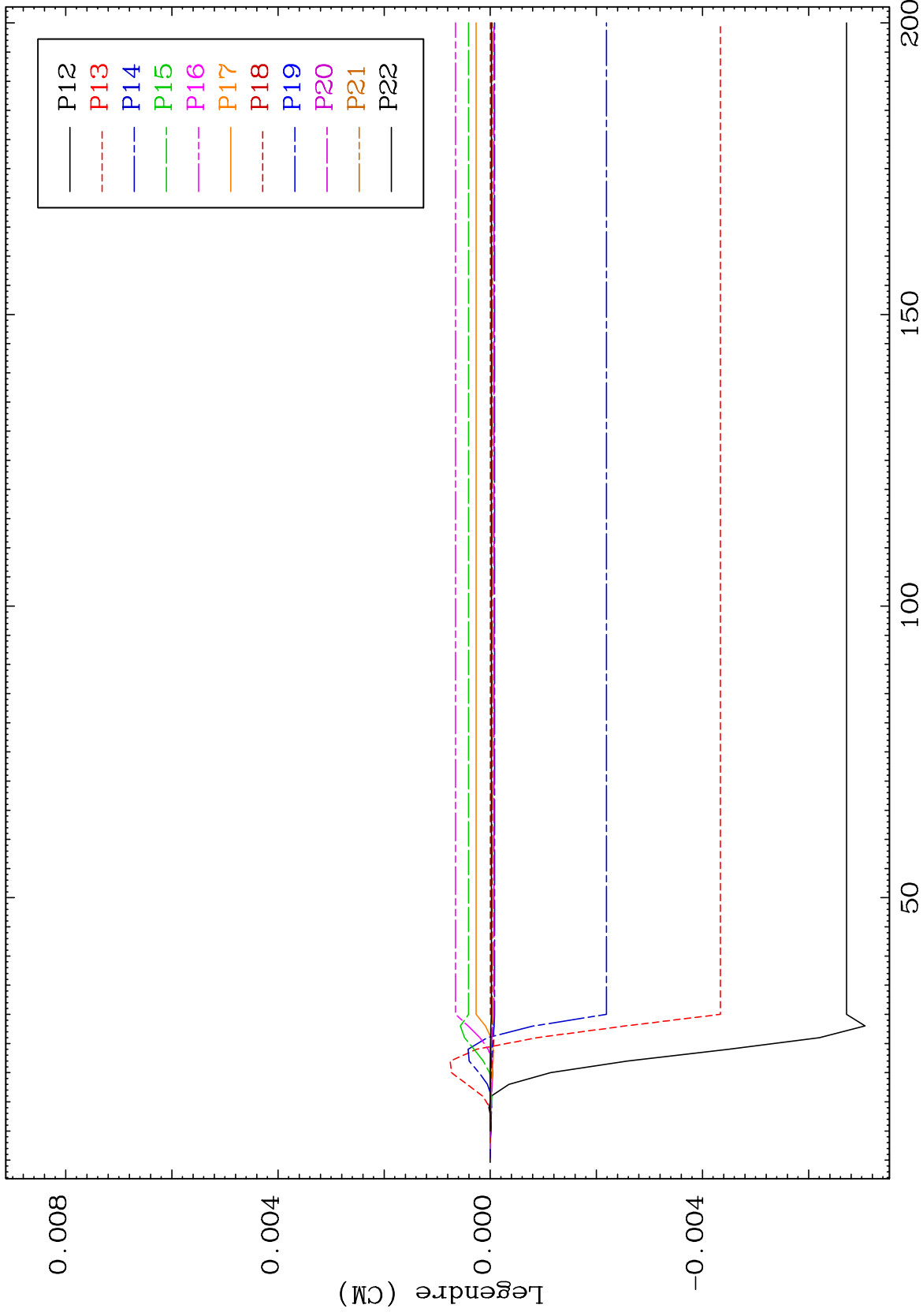
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



86

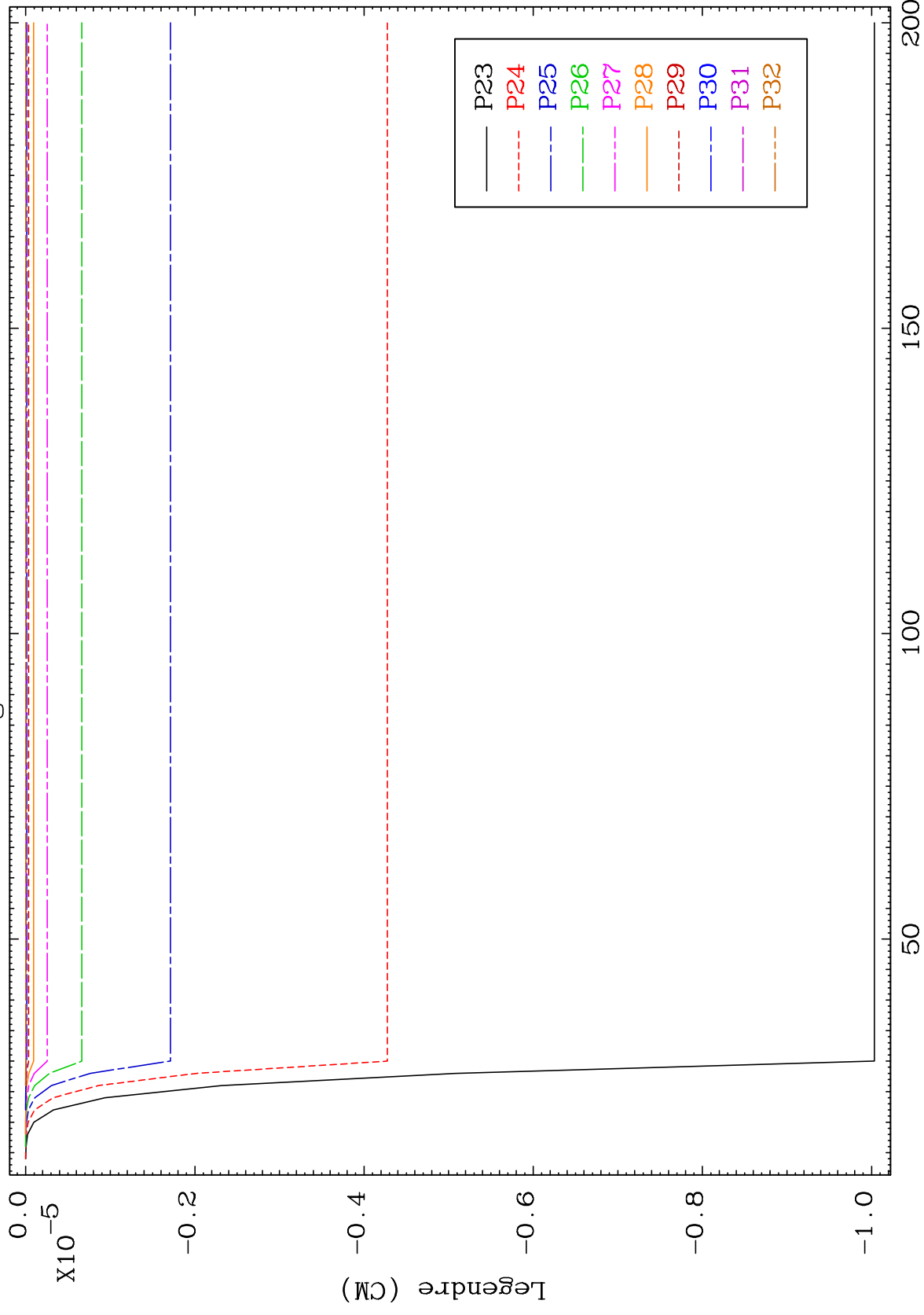
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



87

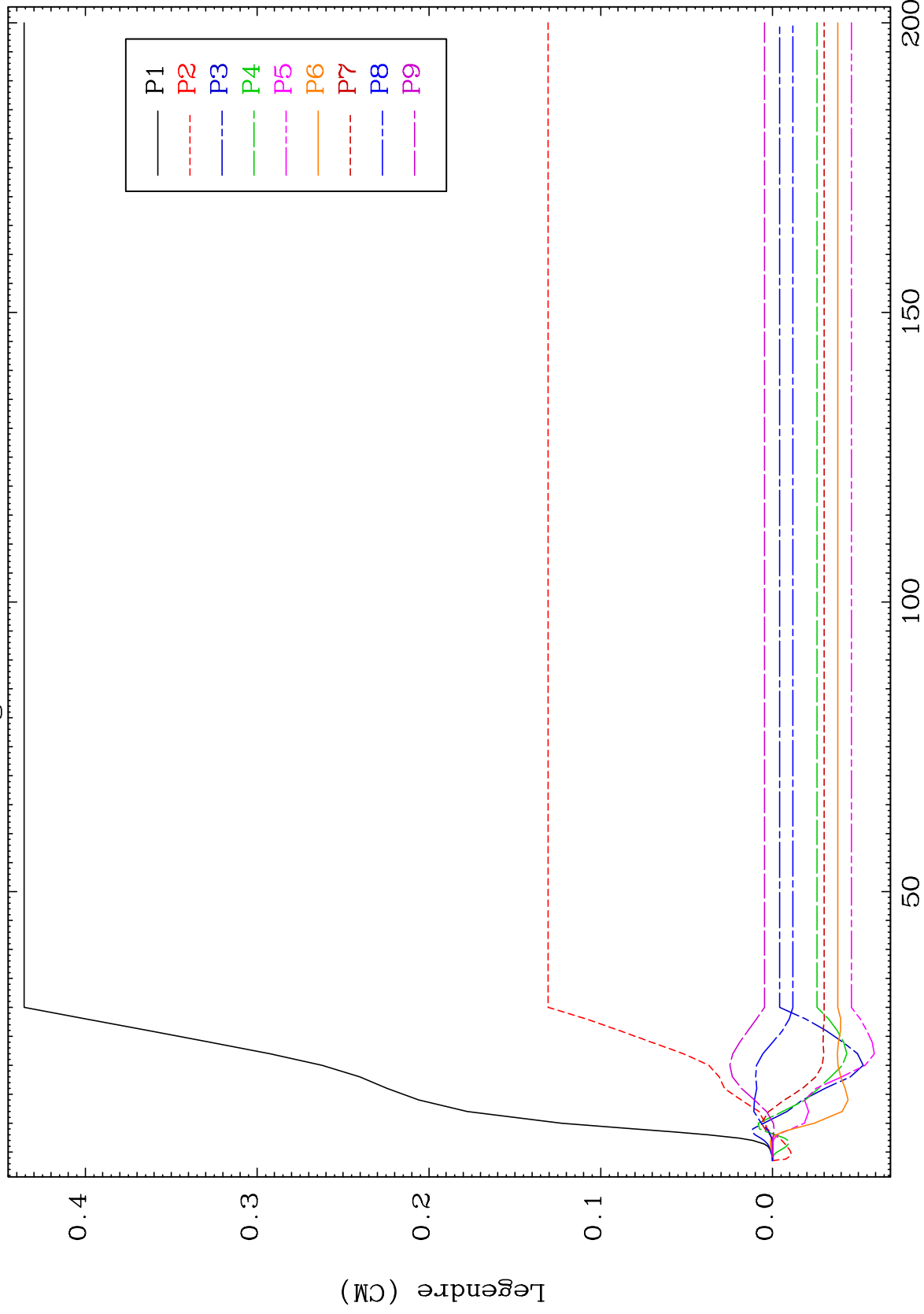
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



88

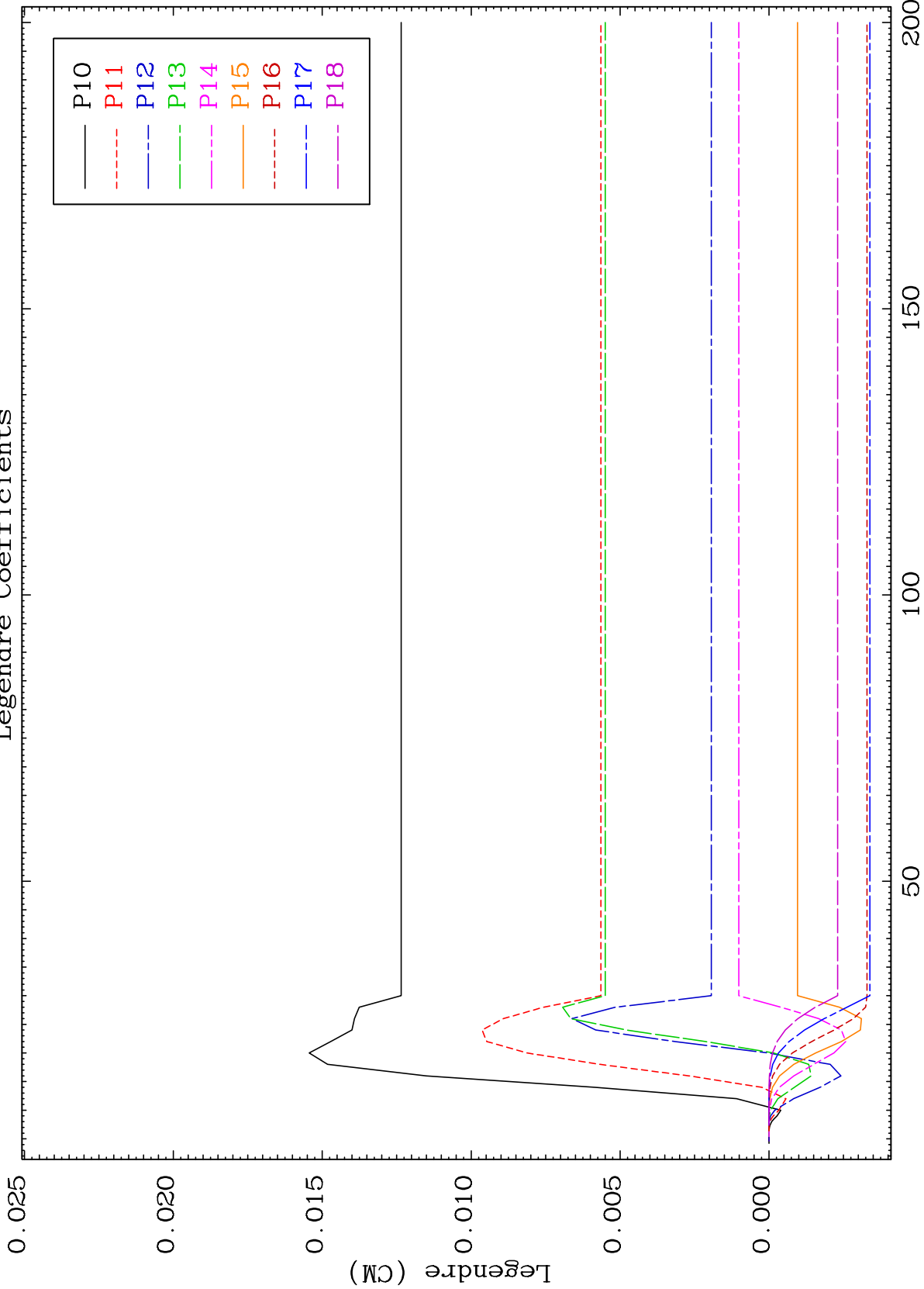
Incident Energy (MeV)

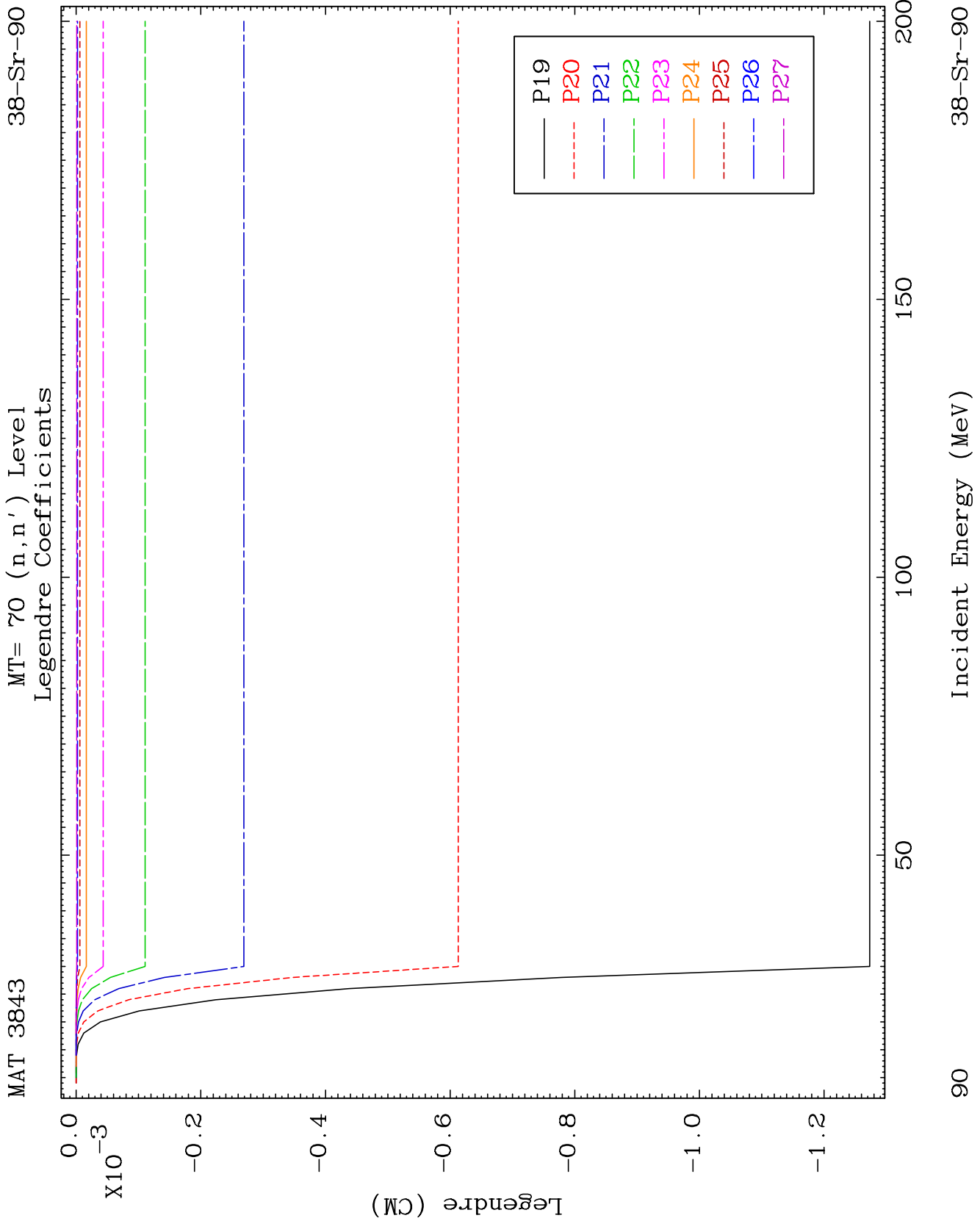
38-Sr-90

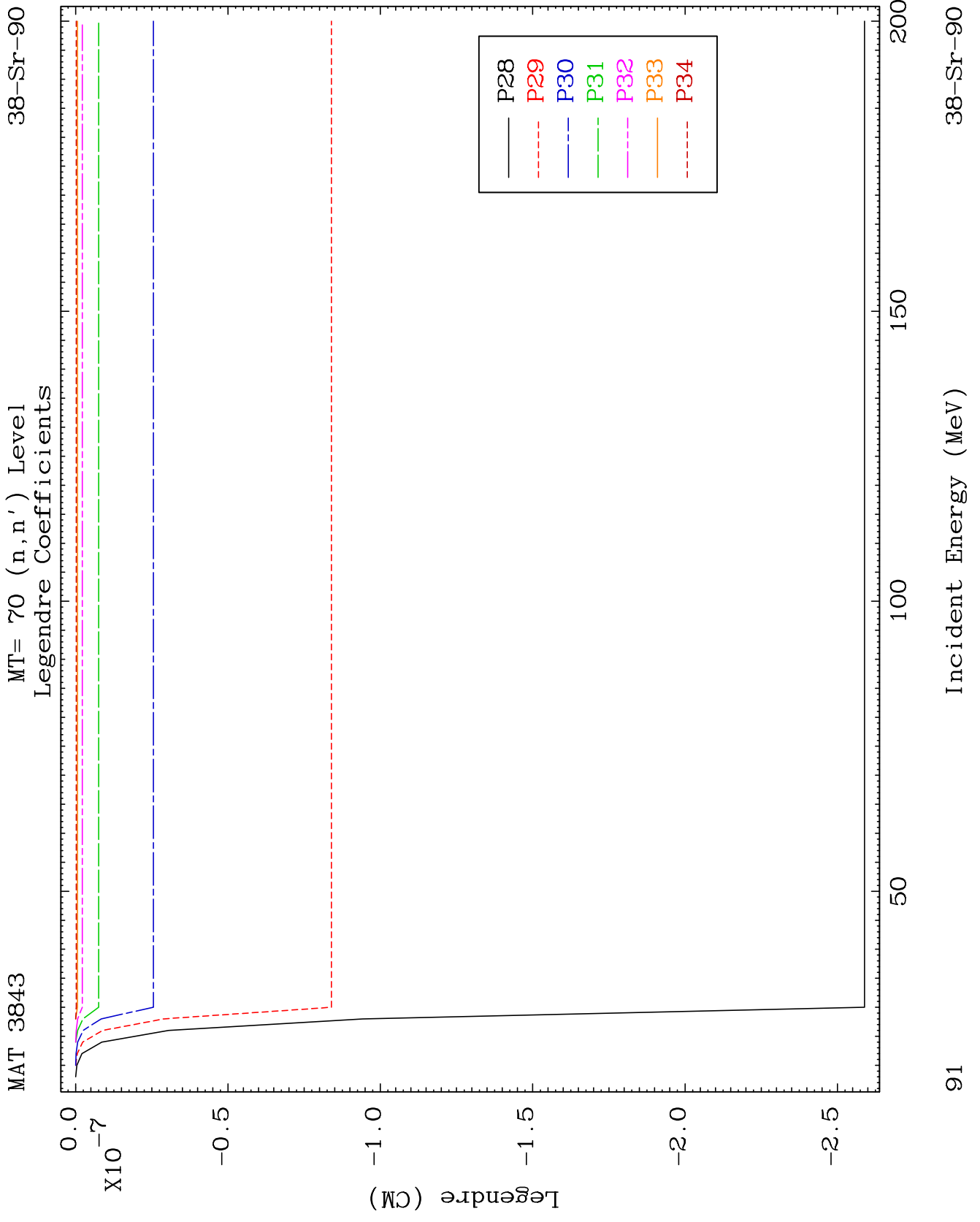
MAT 3843

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

38-Sr-90



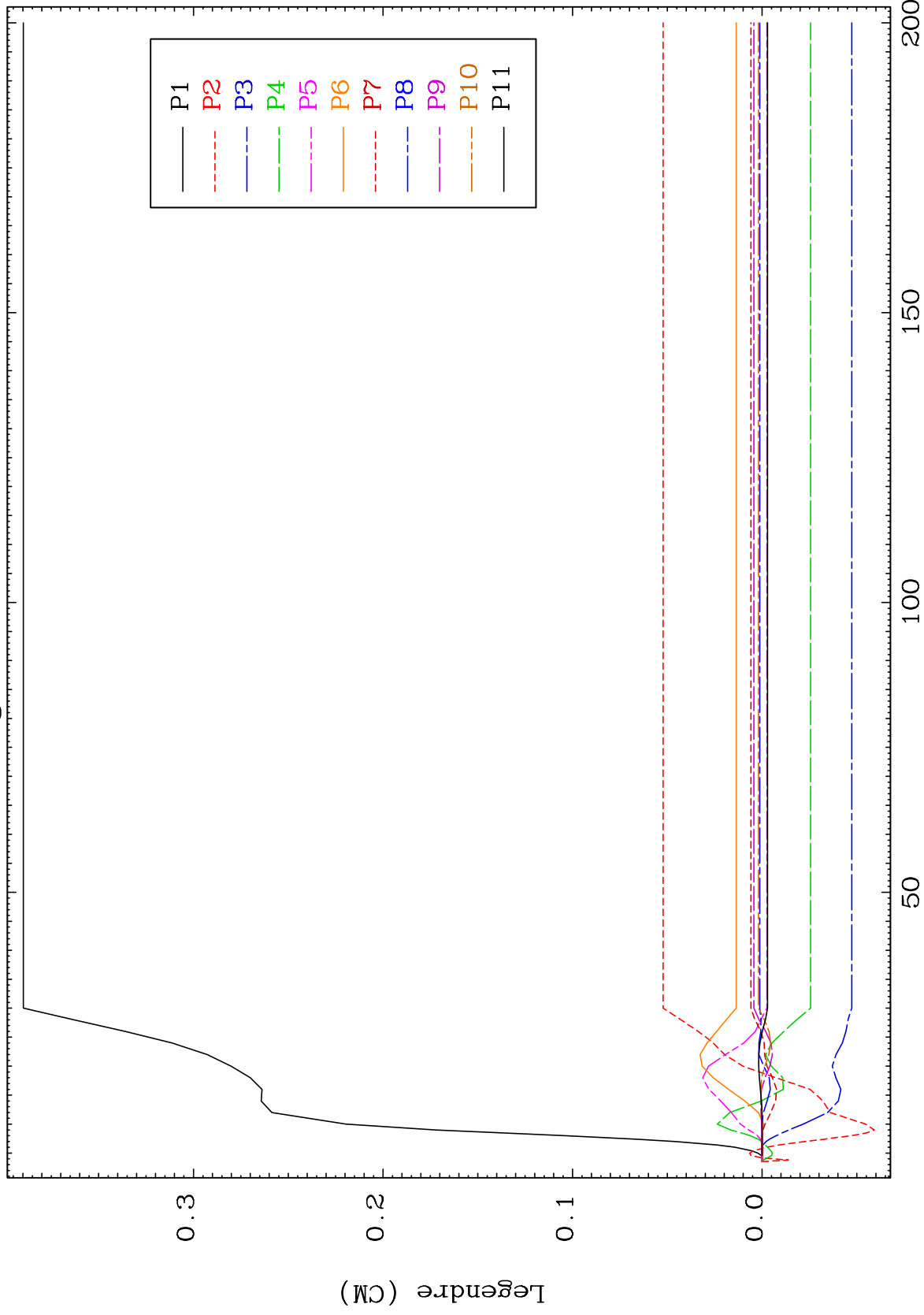




MAT 3843

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

38-Sr-90



92

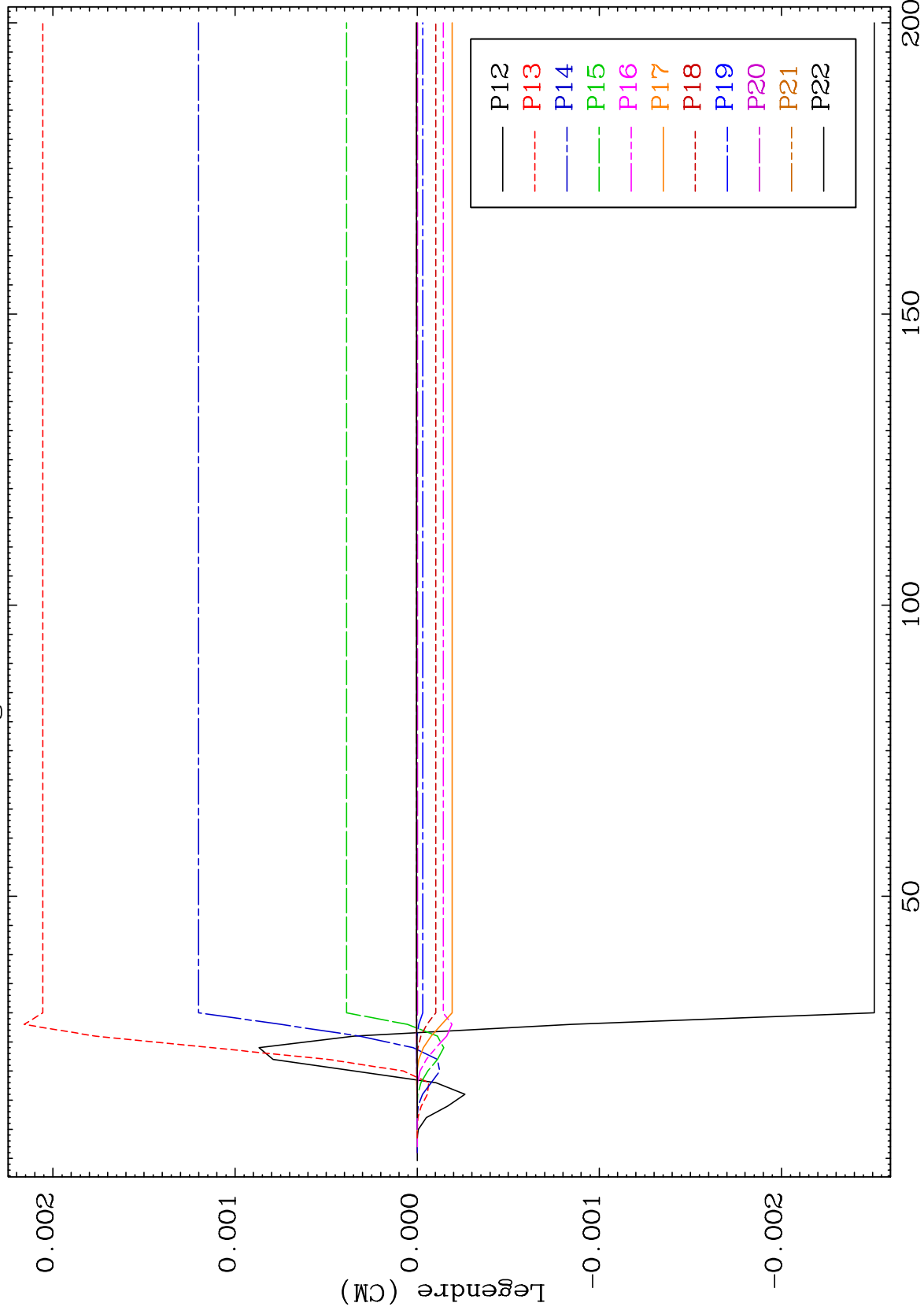
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



93

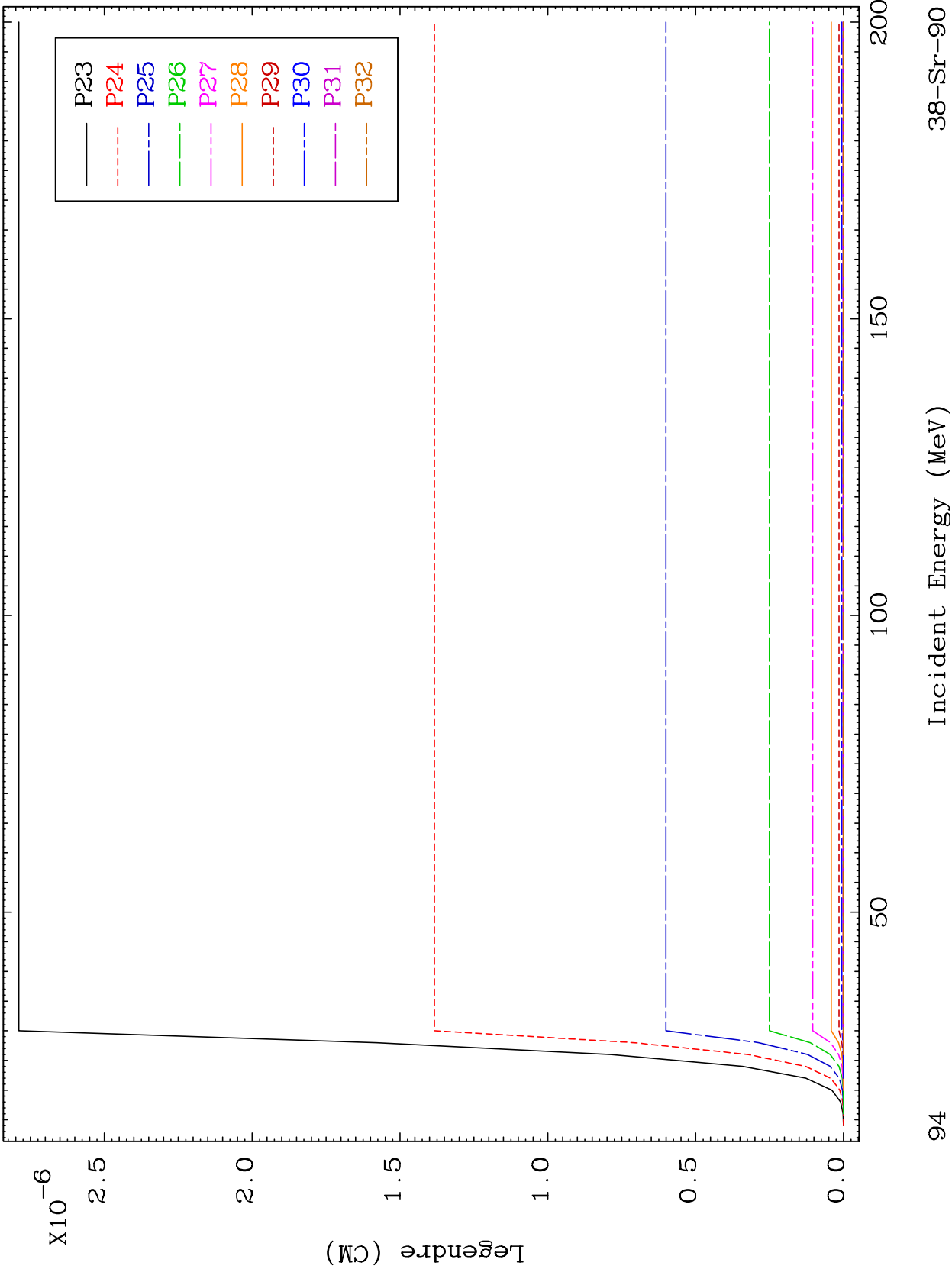
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

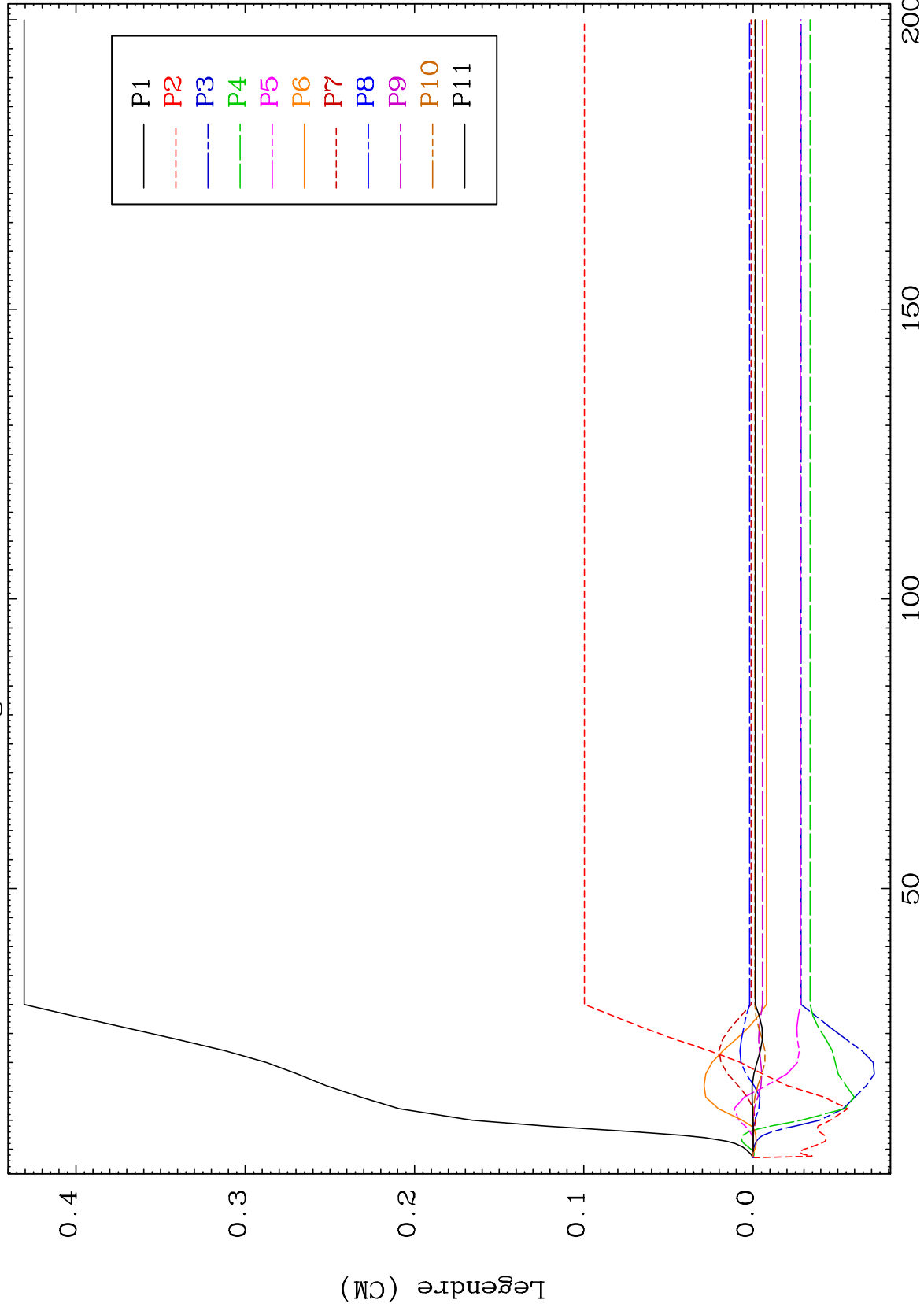
38-Sr-90



MAT 3843

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

38-Sr-90



95

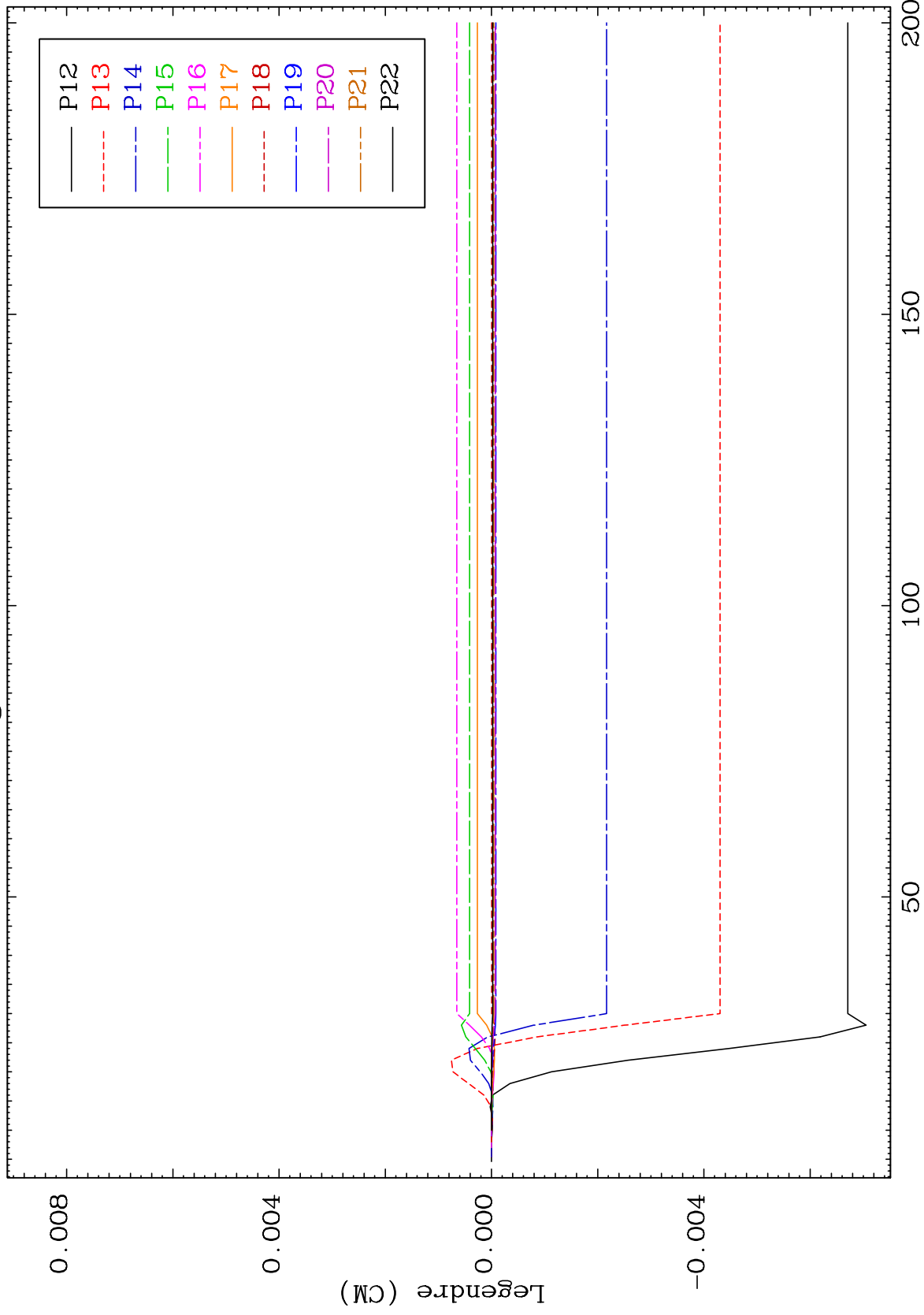
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



96

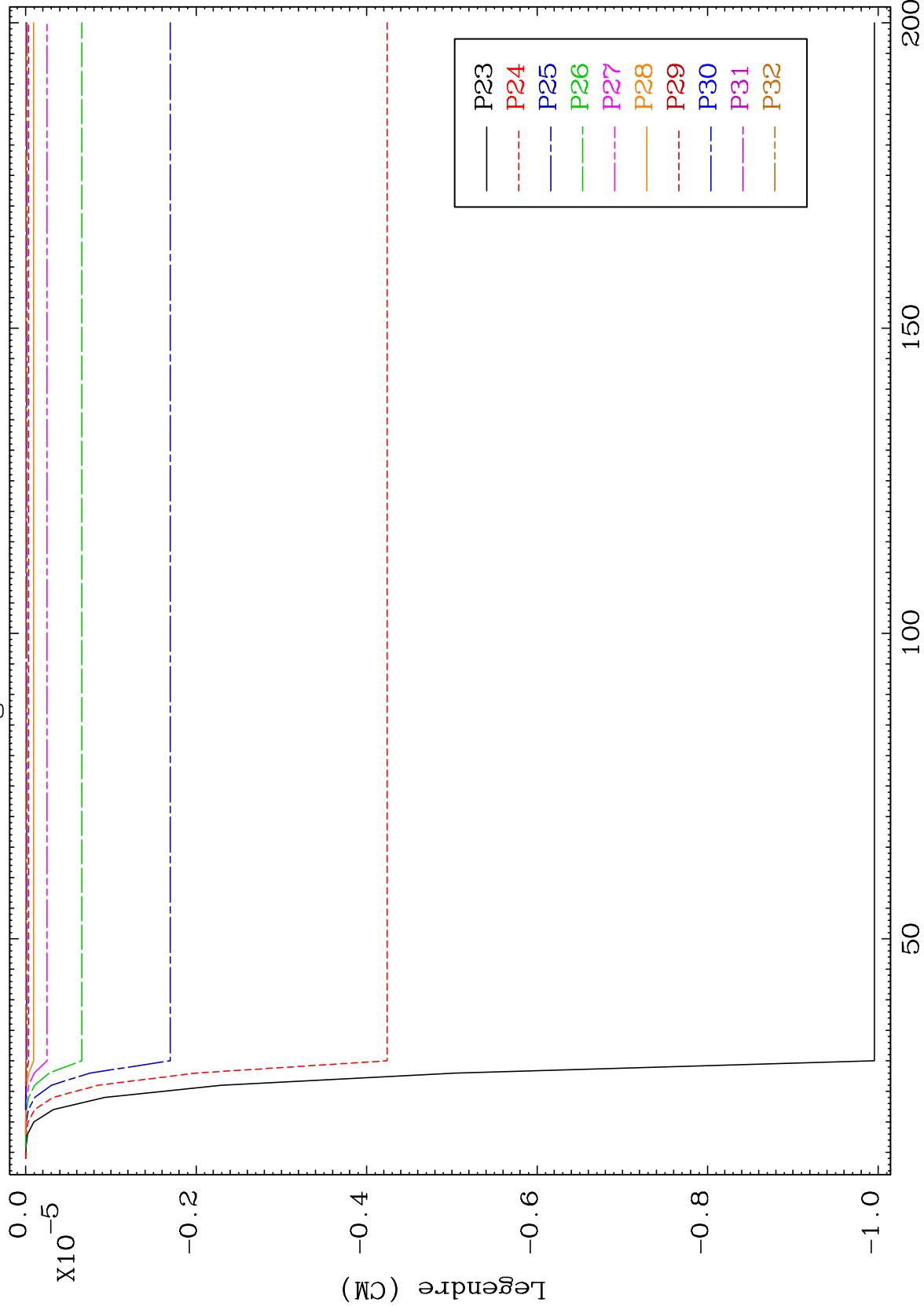
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

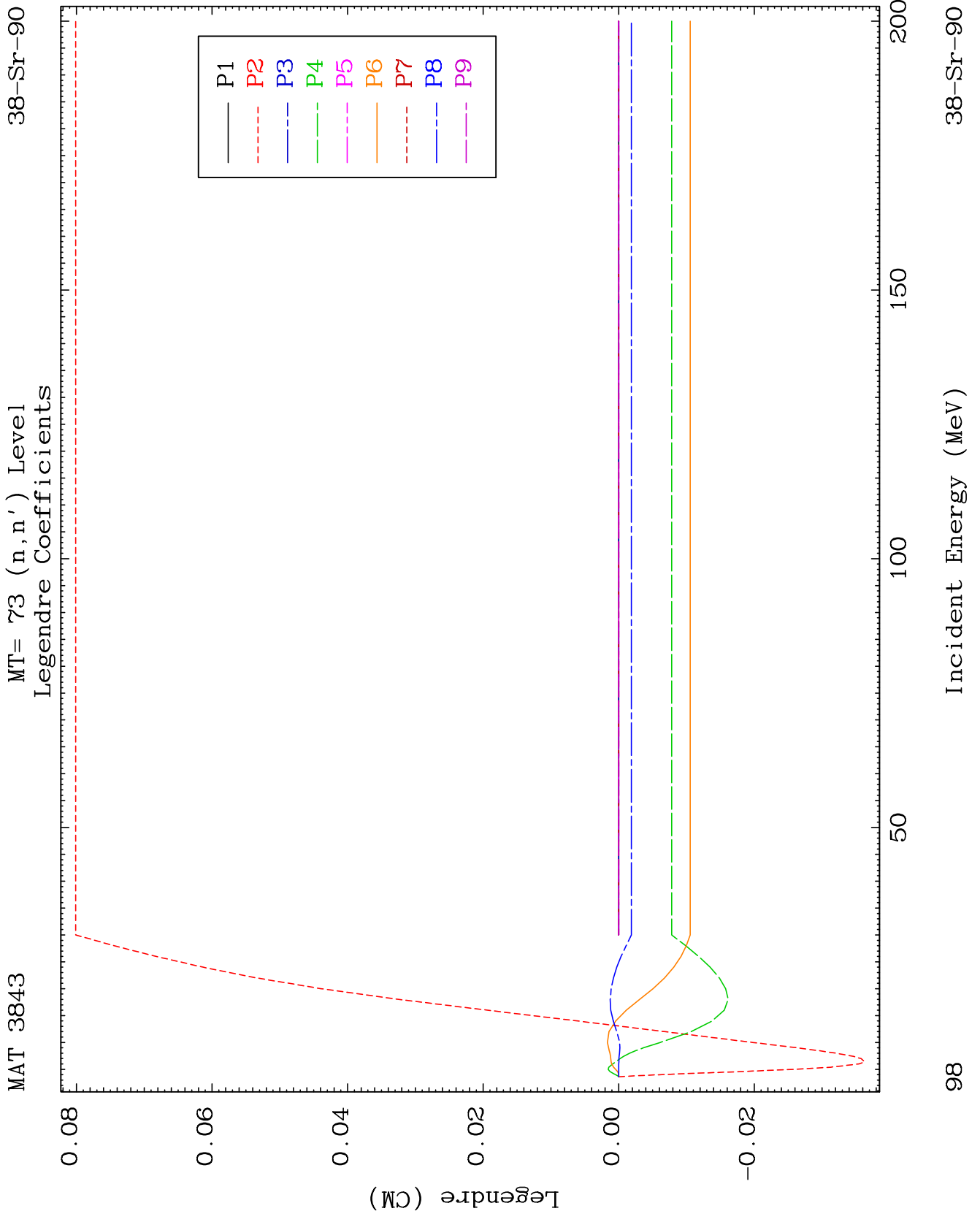
38-Sr-90



97

Incident Energy (MeV)

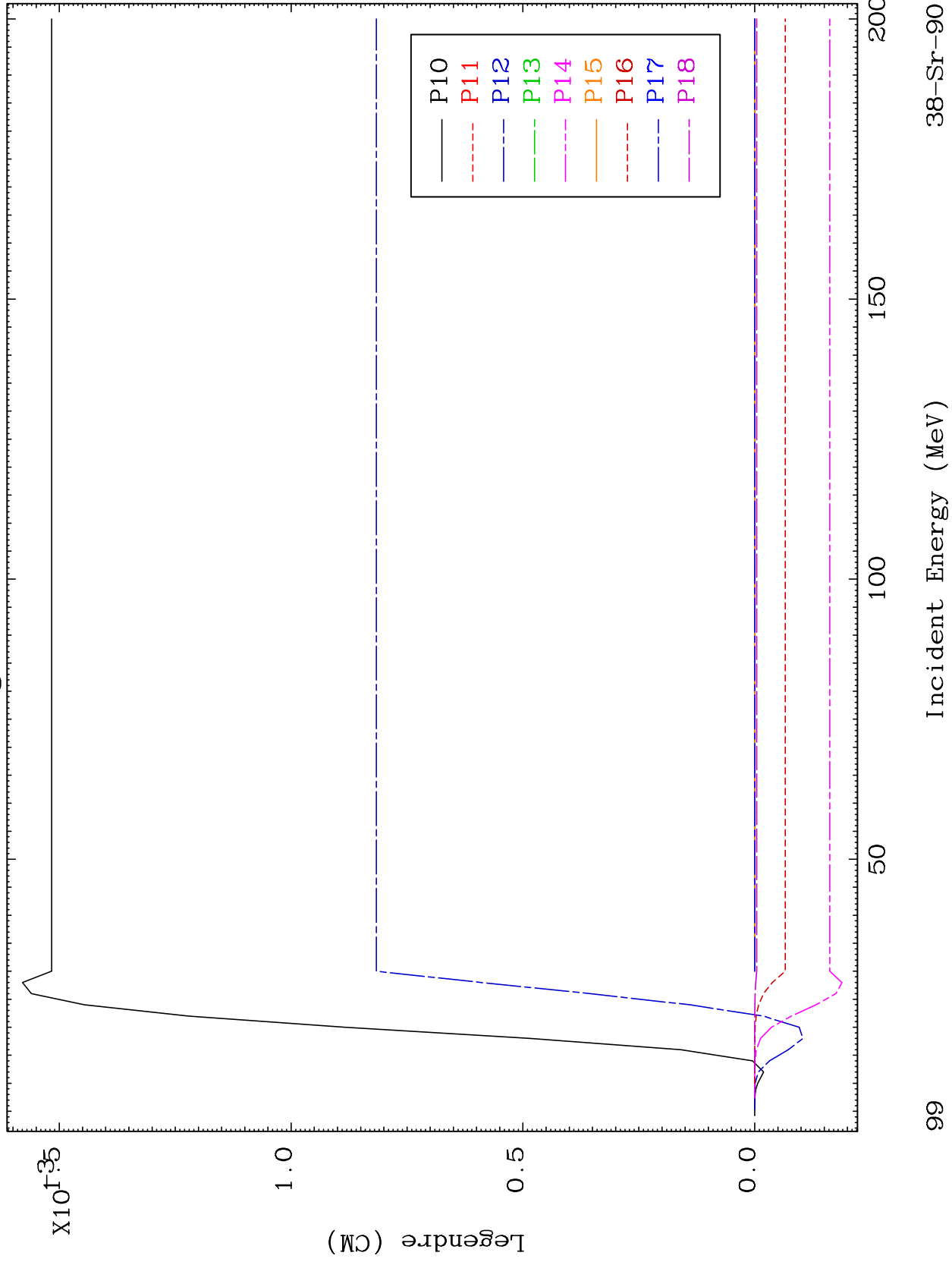
38-Sr-90

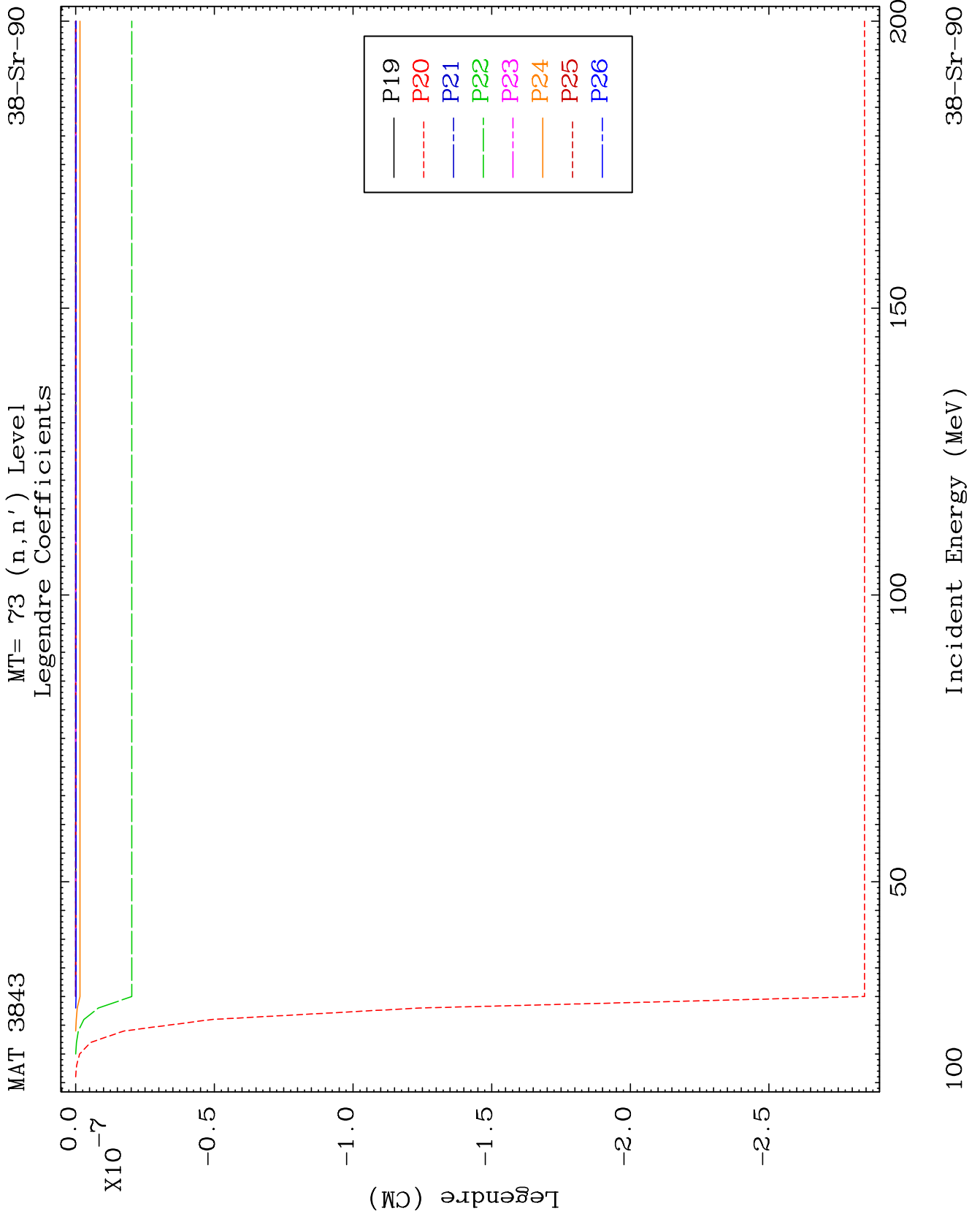


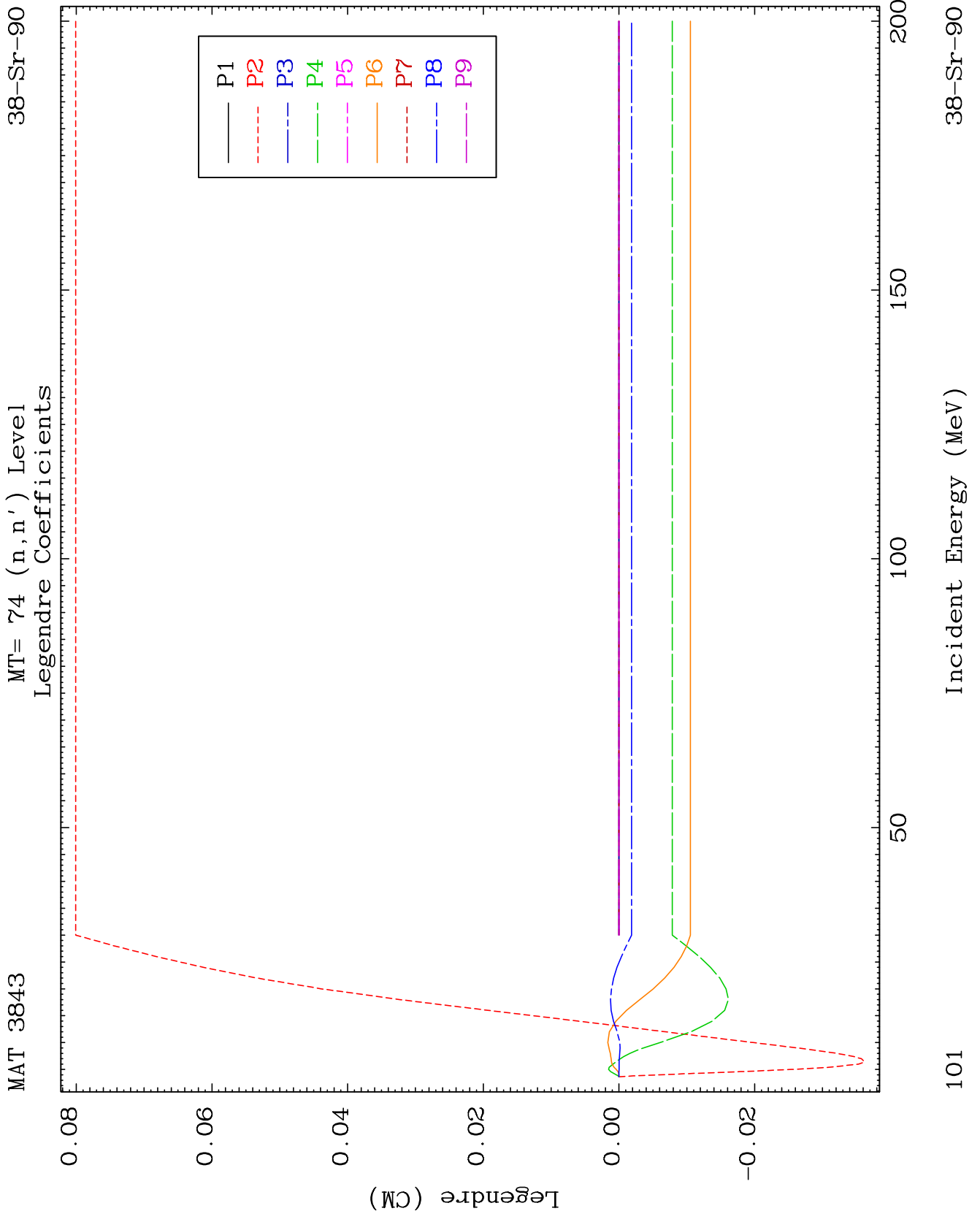
MAT 3843

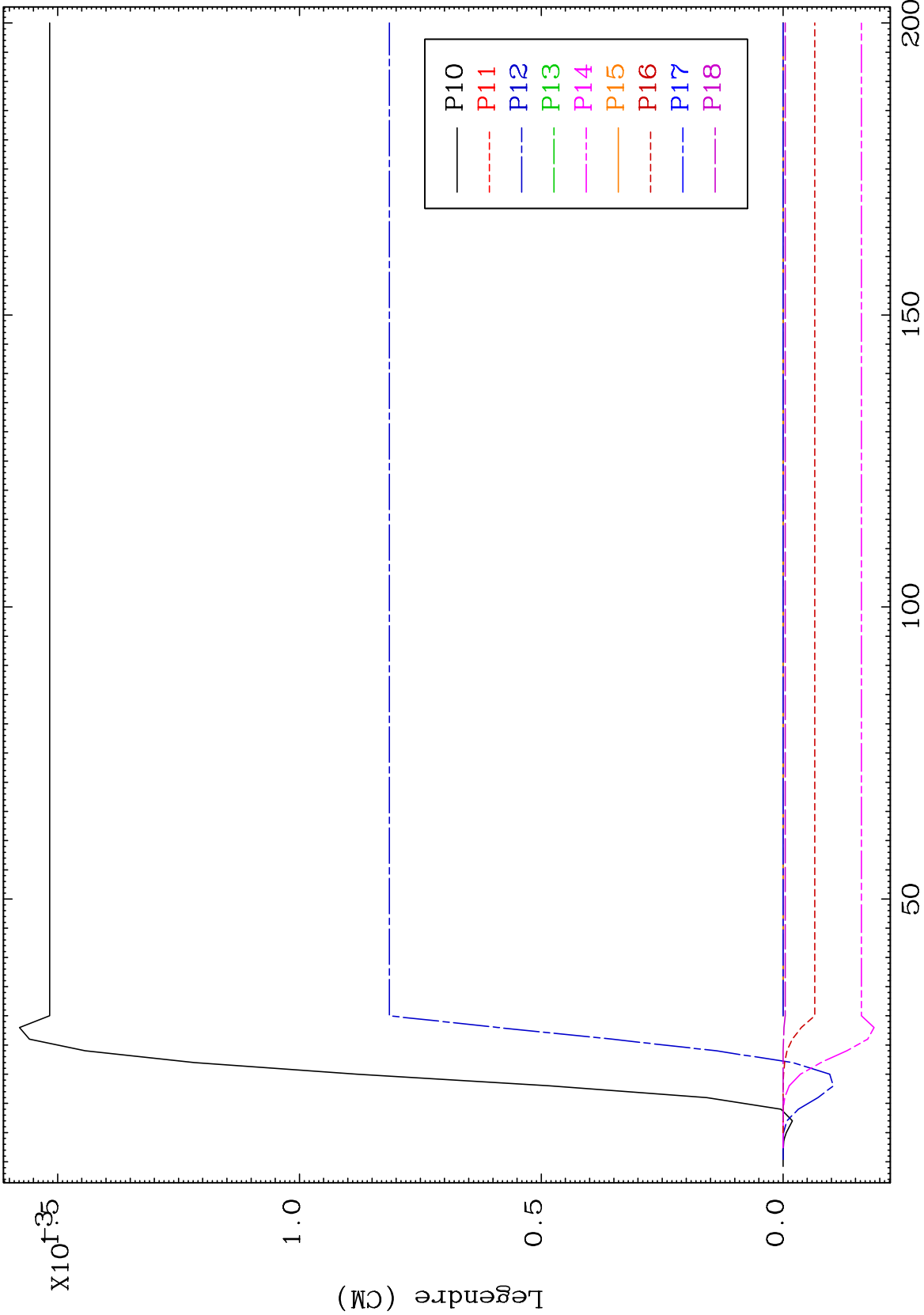
MT= 73 (n,n') Level
Legendre Coefficients

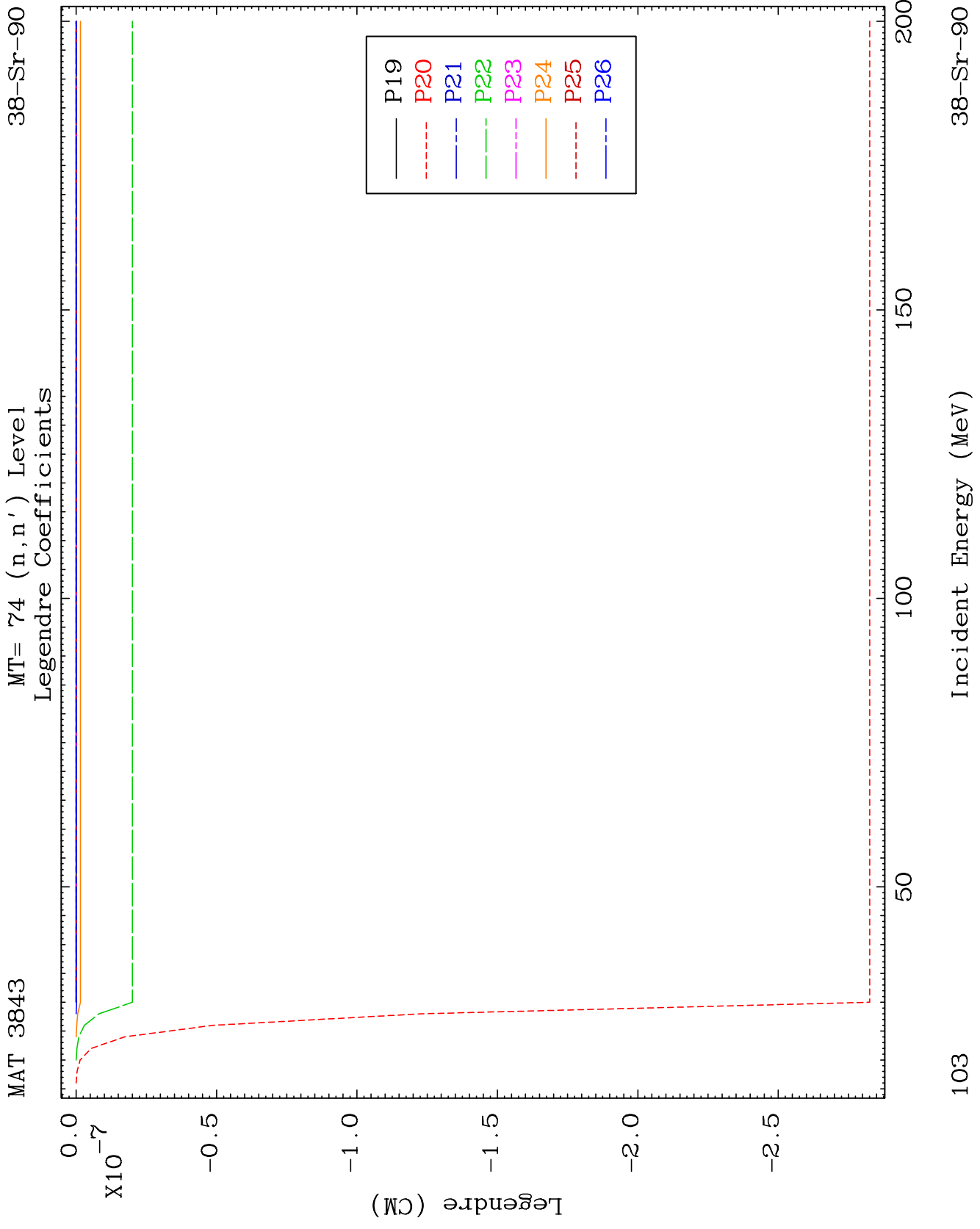
38-Sr-90







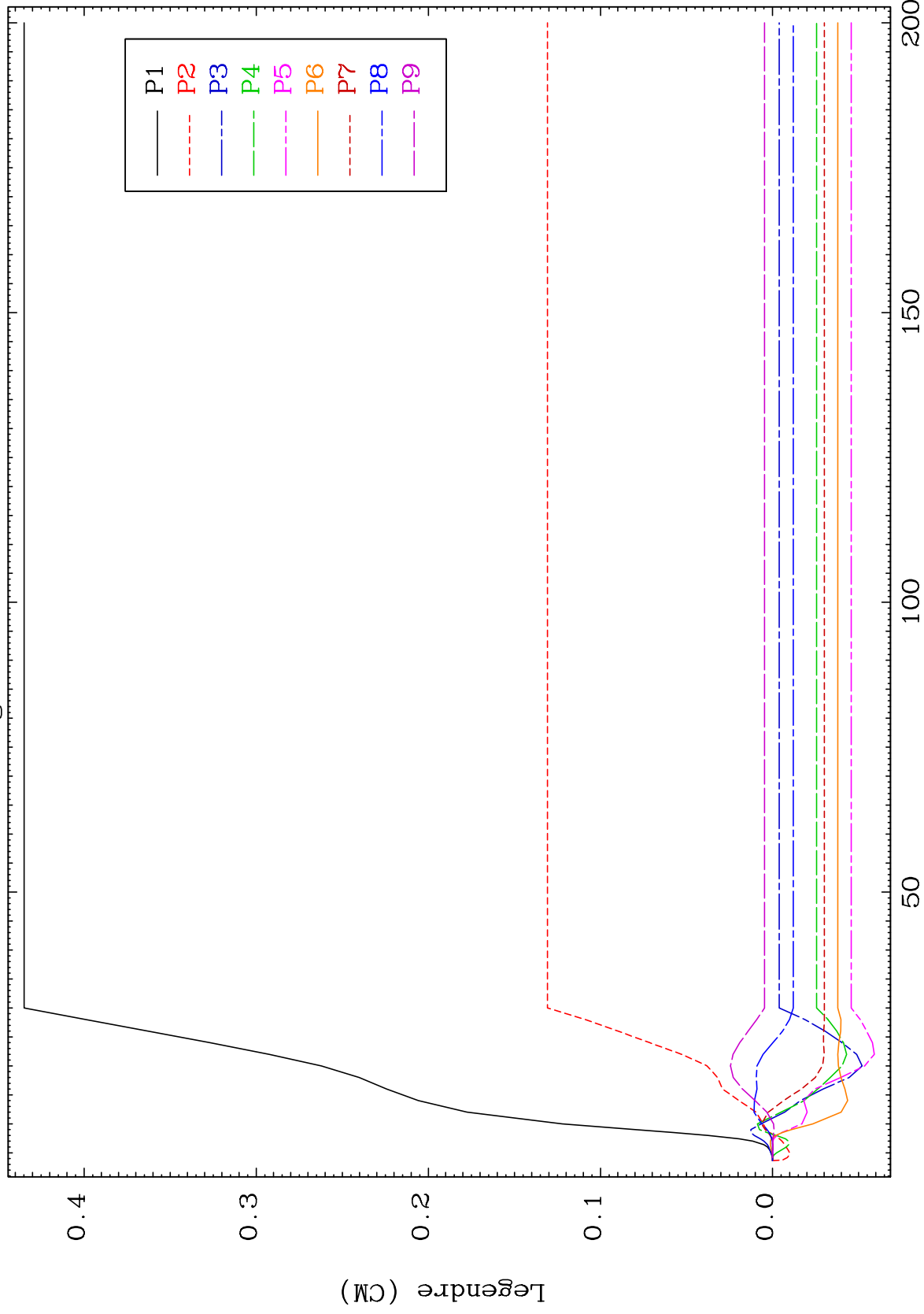




MAT 3843

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

38-Sr-90



104

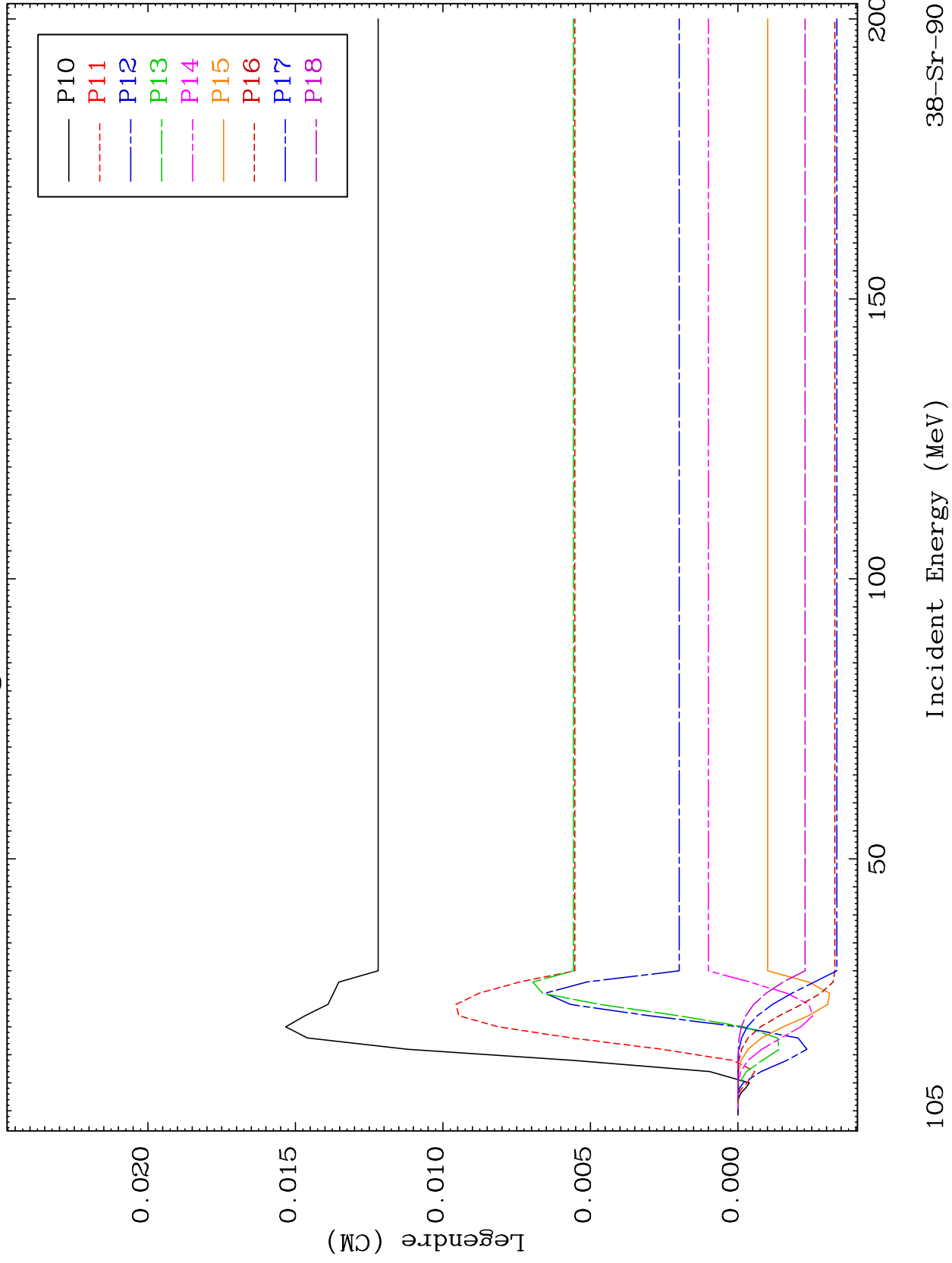
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

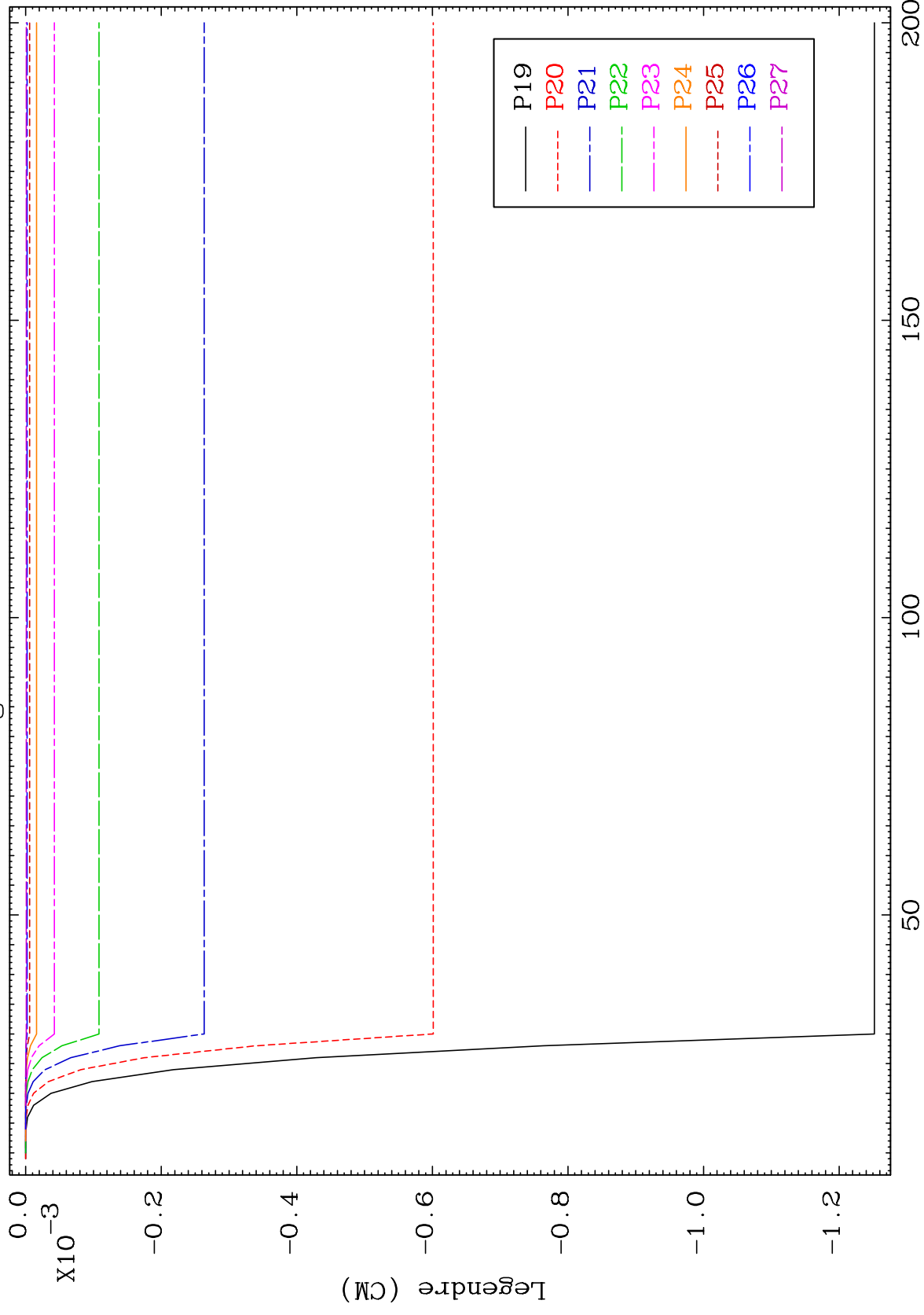
38-Sr-90



MAT 3843

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

38-Sr-90



38-Sr-90

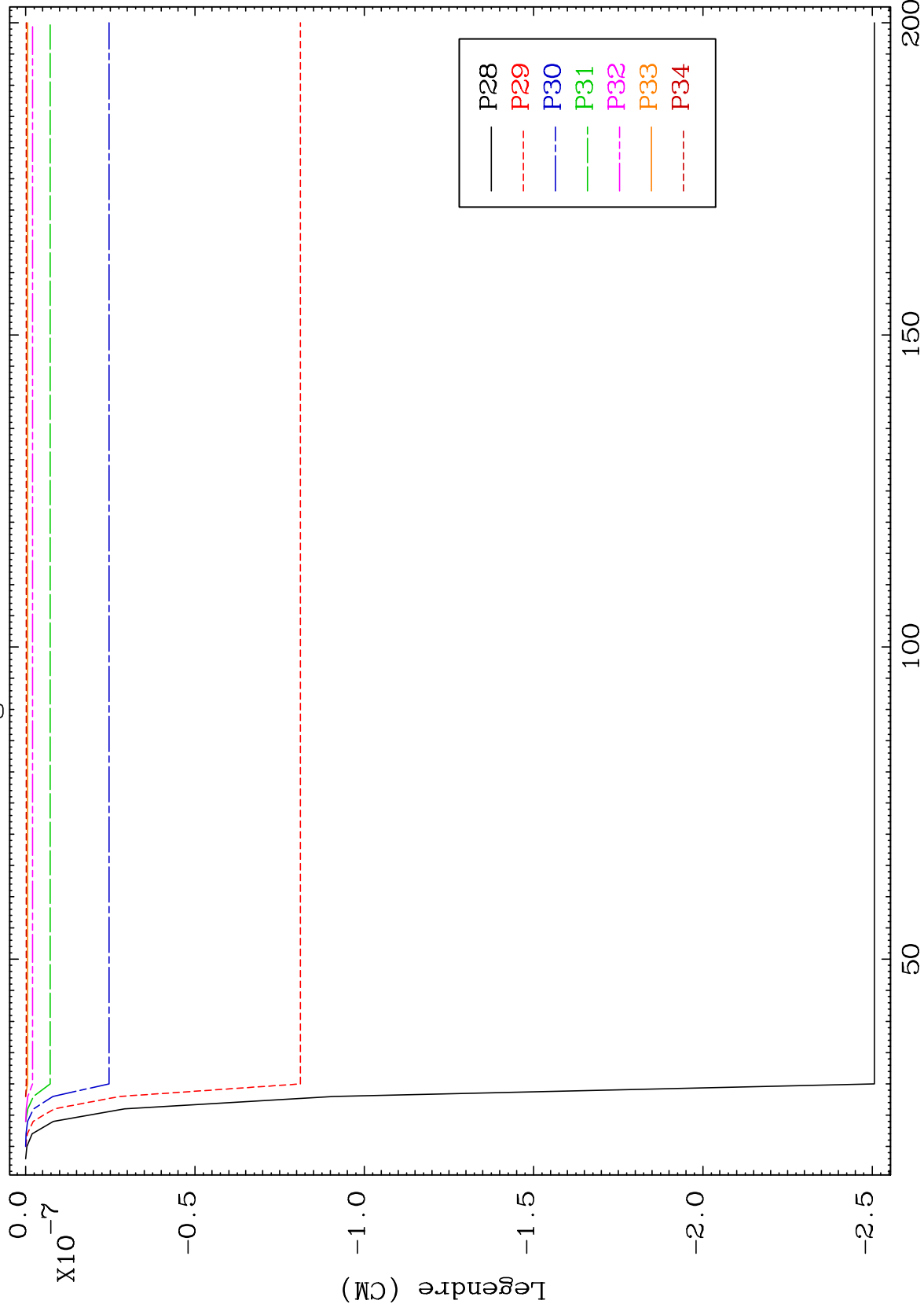
Incident Energy (MeV)

106

MAT 3843

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

38-Sr-90



38-Sr-90

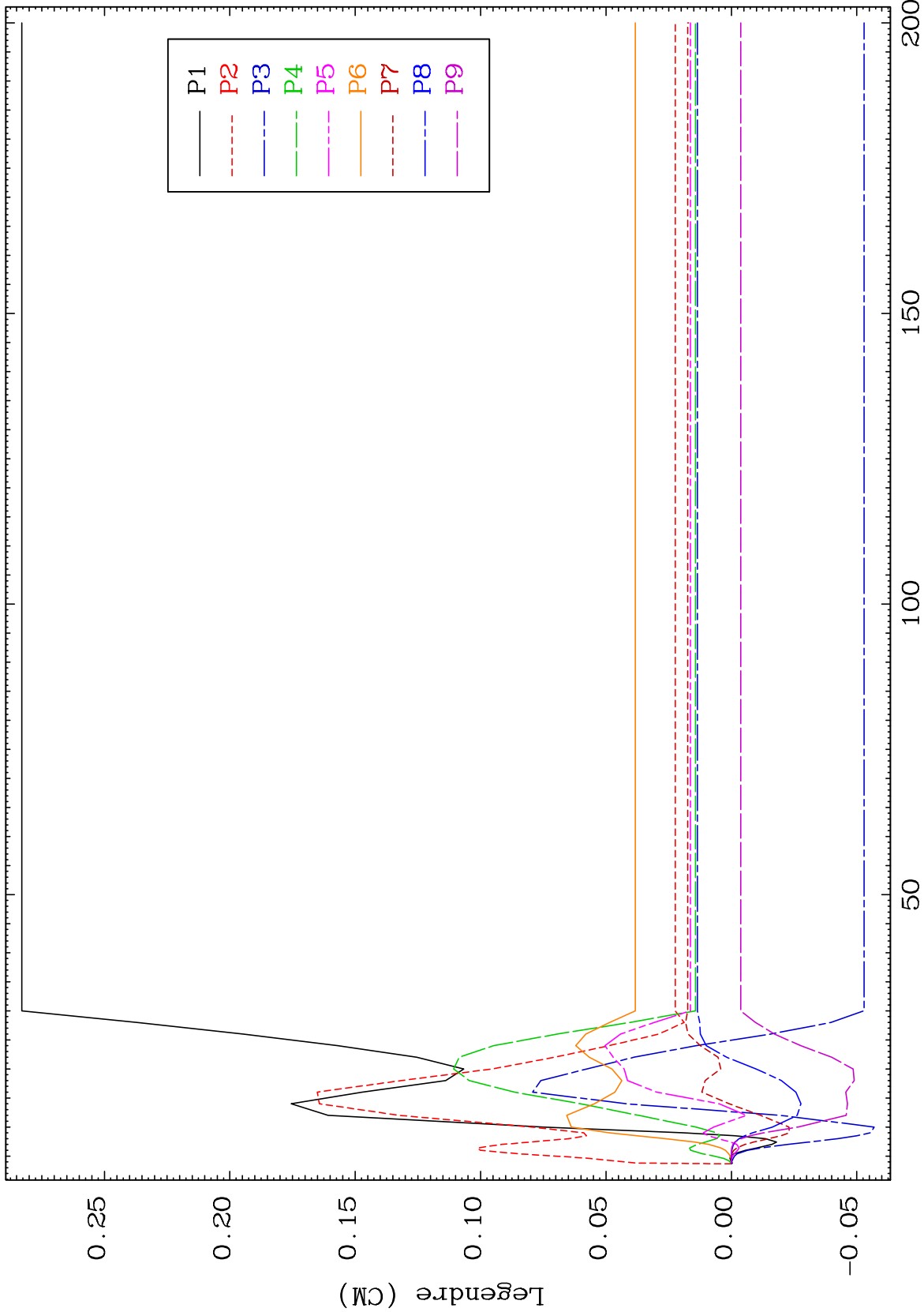
Incident Energy (MeV)

107

MAT 3843

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

38-Sr-90



108

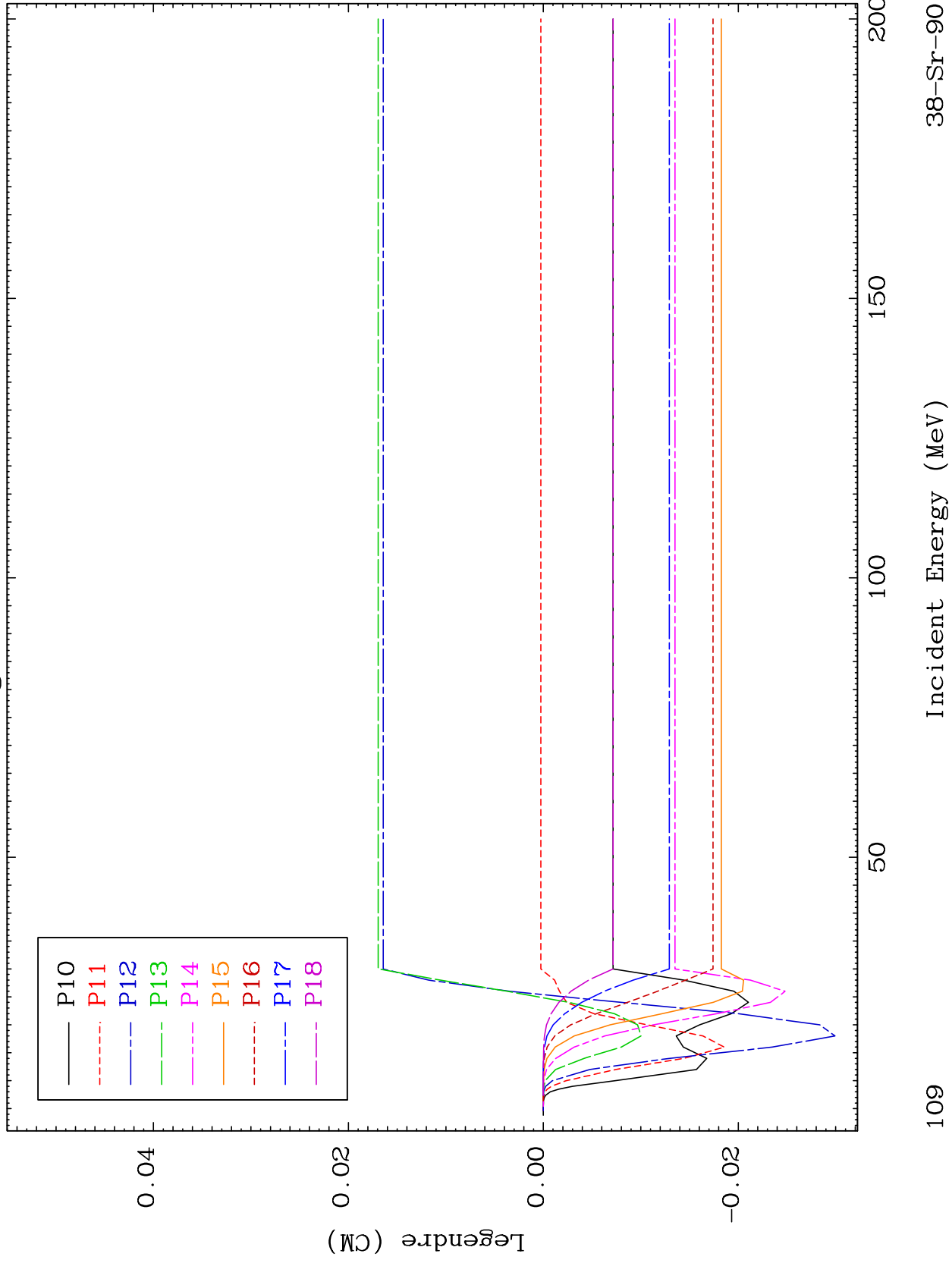
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

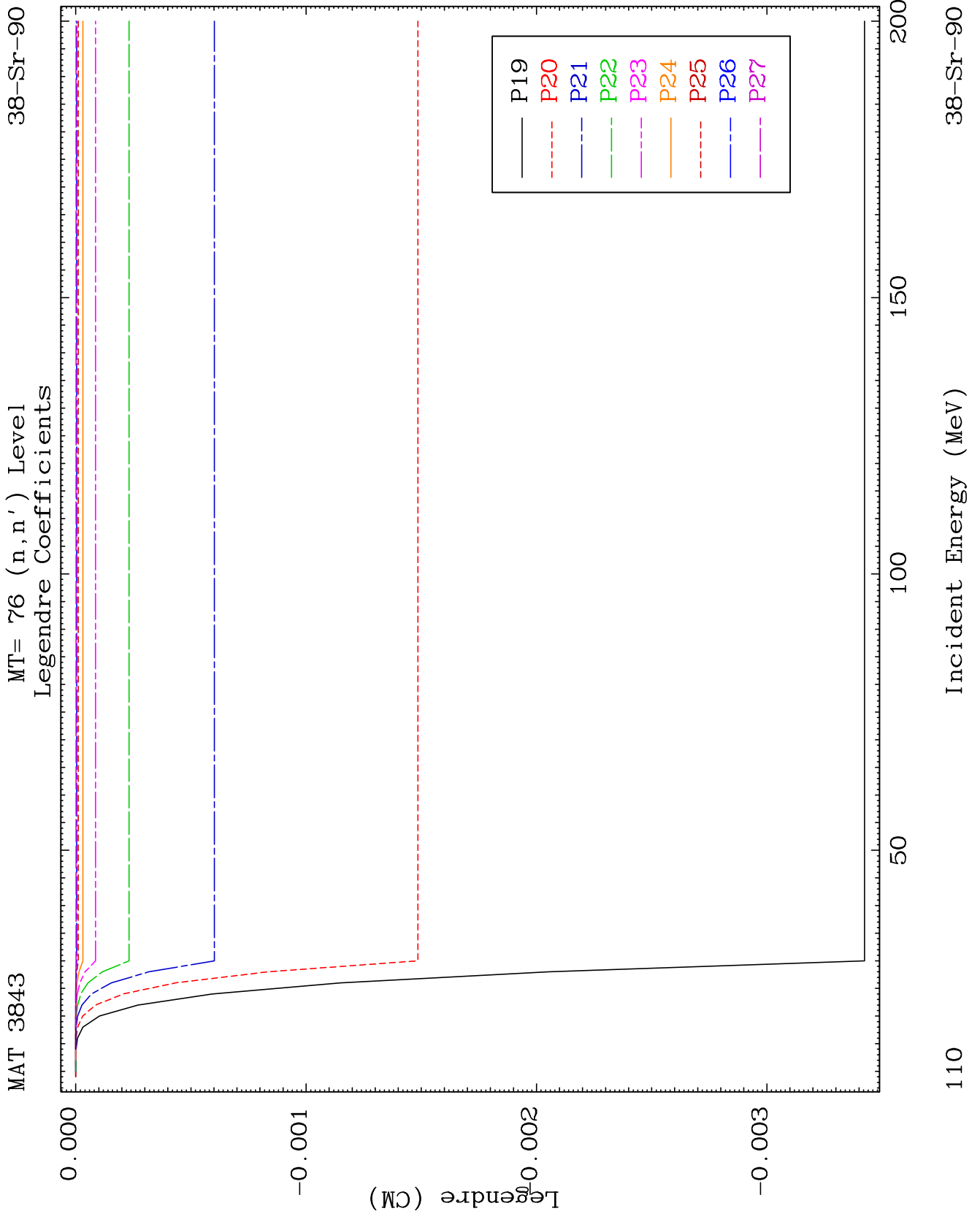
38-Sr-90

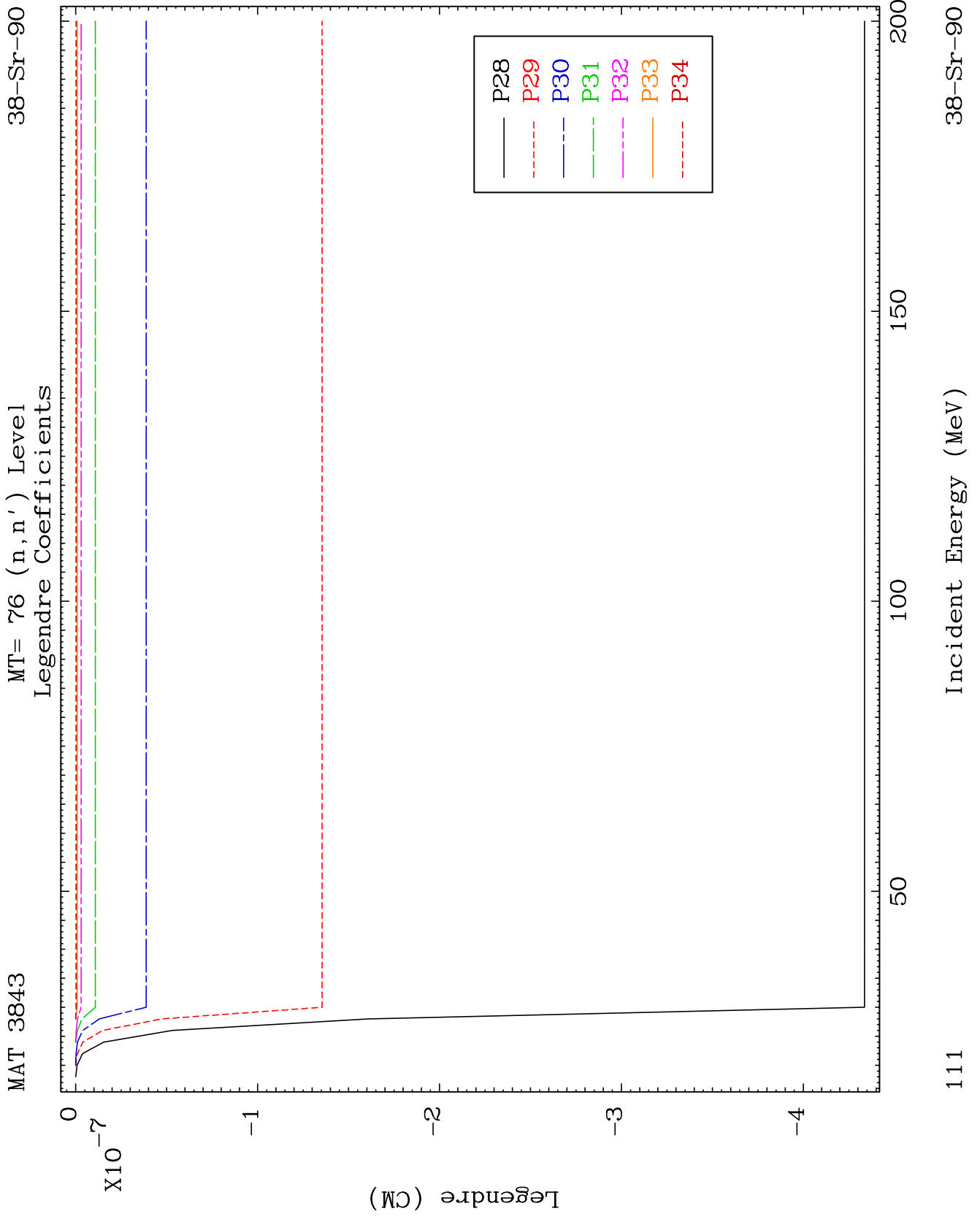


109

Incident Energy (MeV)

38-Sr-90



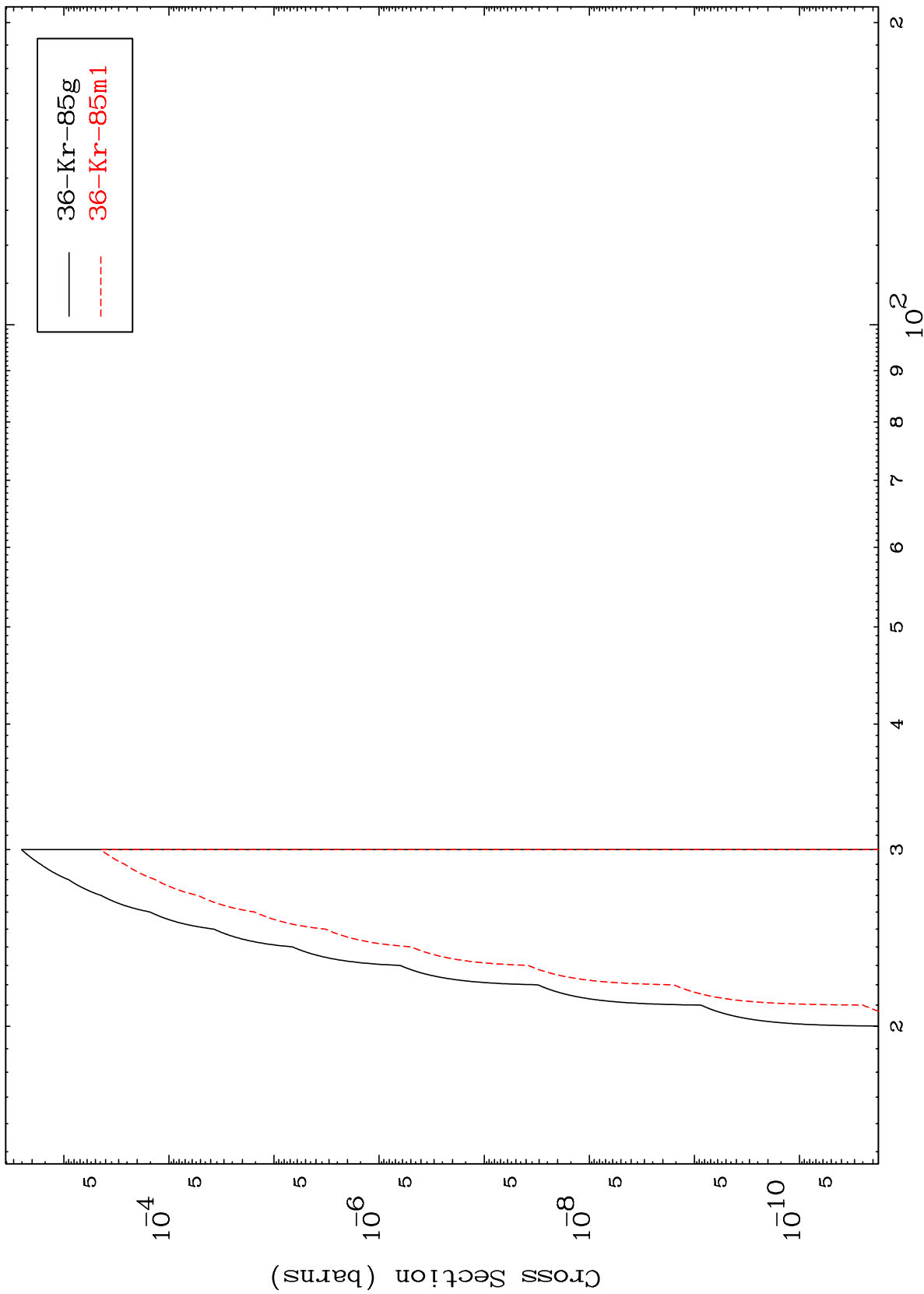


MAT 3843

(n,2n) α

38-Sr-90

Radionuclide Production Cross Section



112

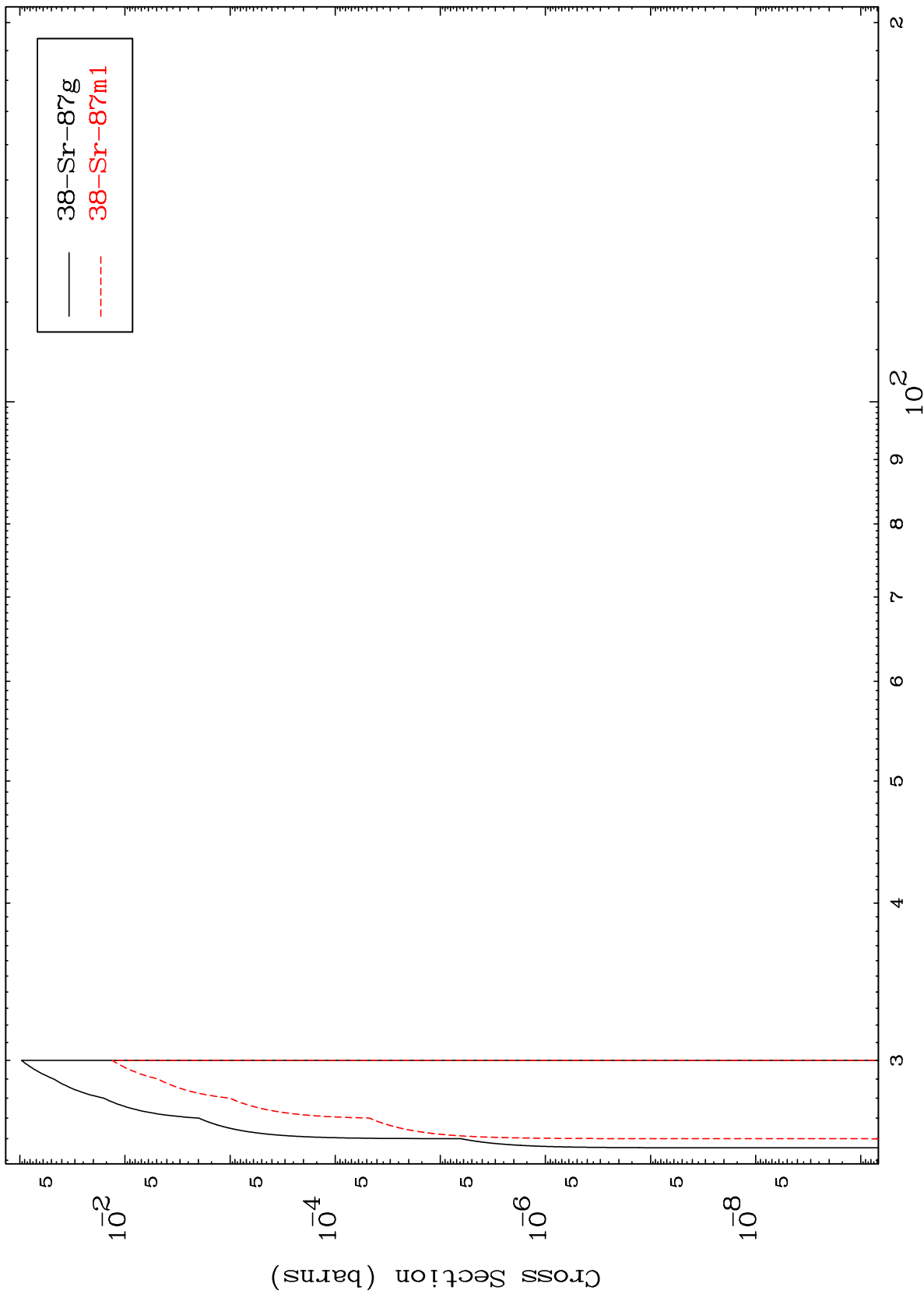
Incident Energy (MeV)

38-Sr-90

MAT 3843

³⁸Sr-90

(n,4n)
Radionuclide Production Cross Section



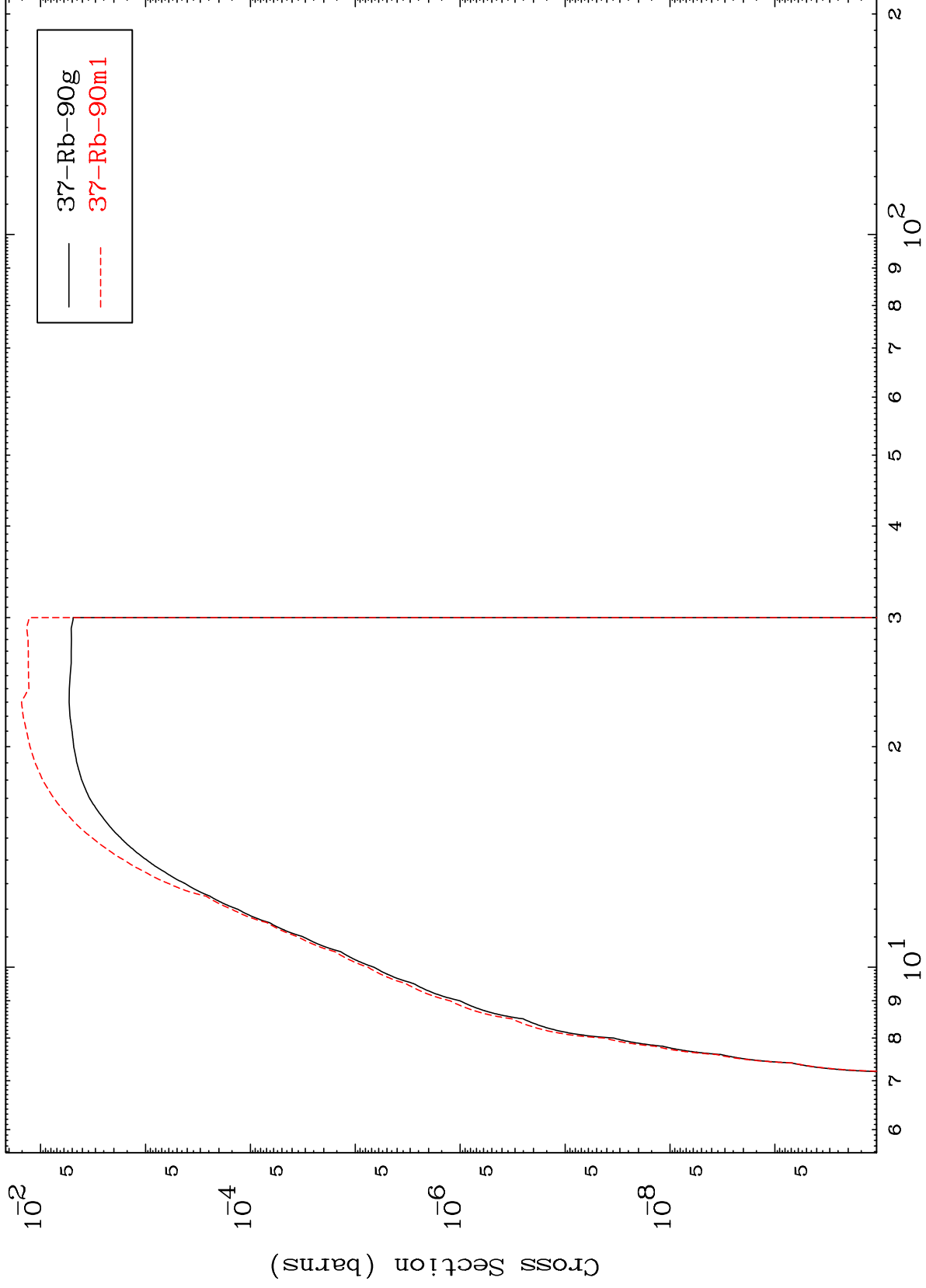
113

³⁸Sr-90

MAT 3843

38-Sr-90

(n,p)
Radionuclide Production Cross Section



114

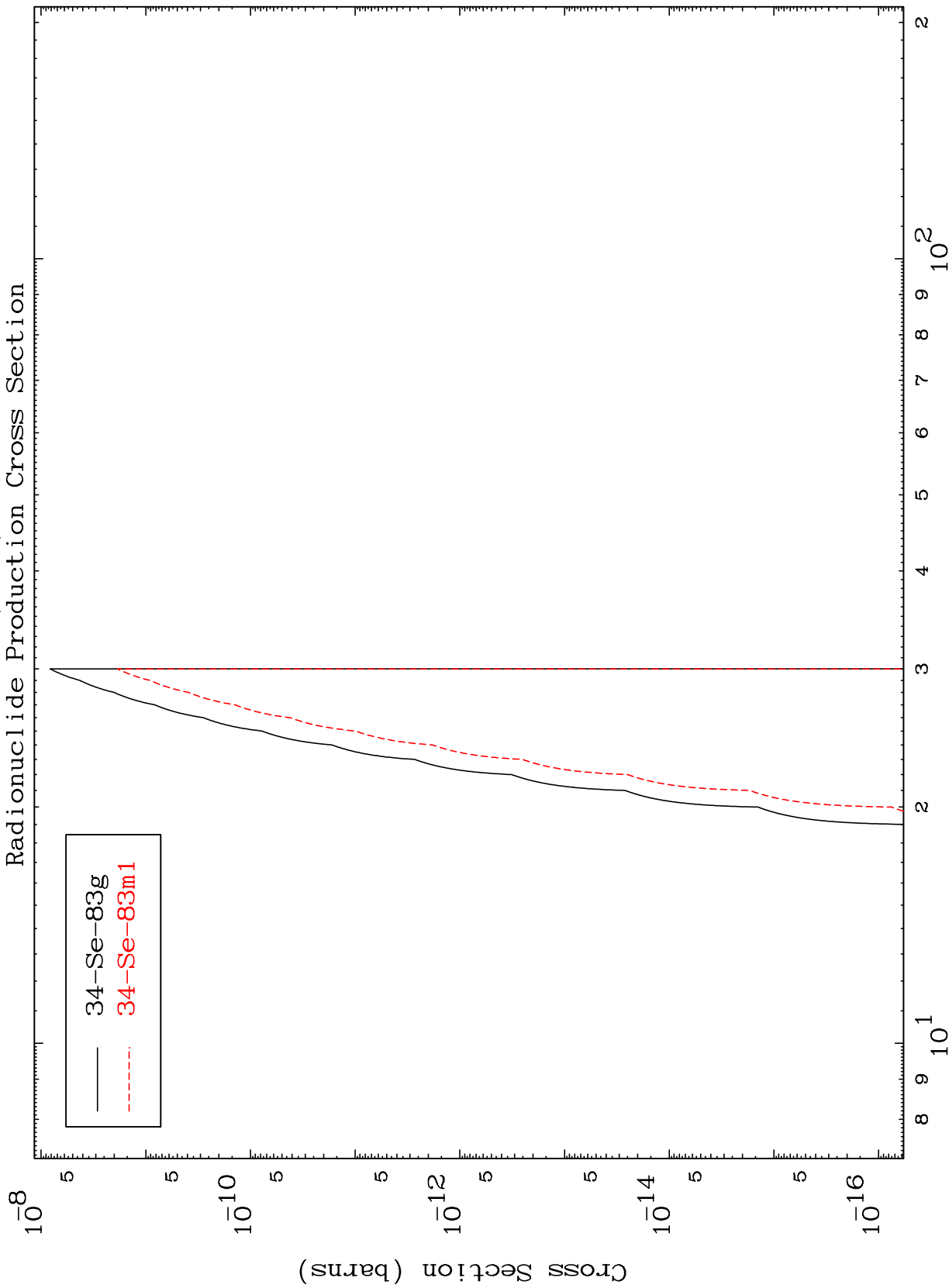
Incident Energy (MeV)

38-Sr-90

MAT 3843

38-Sr-90

Radionuclide Production Cross Section
(n,2α)



34-Se-83g
34-Se-83m1

115

Incident Energy (MeV)

38-Sr-90