

Program EVALPLOT
(Version 2021-1)

by

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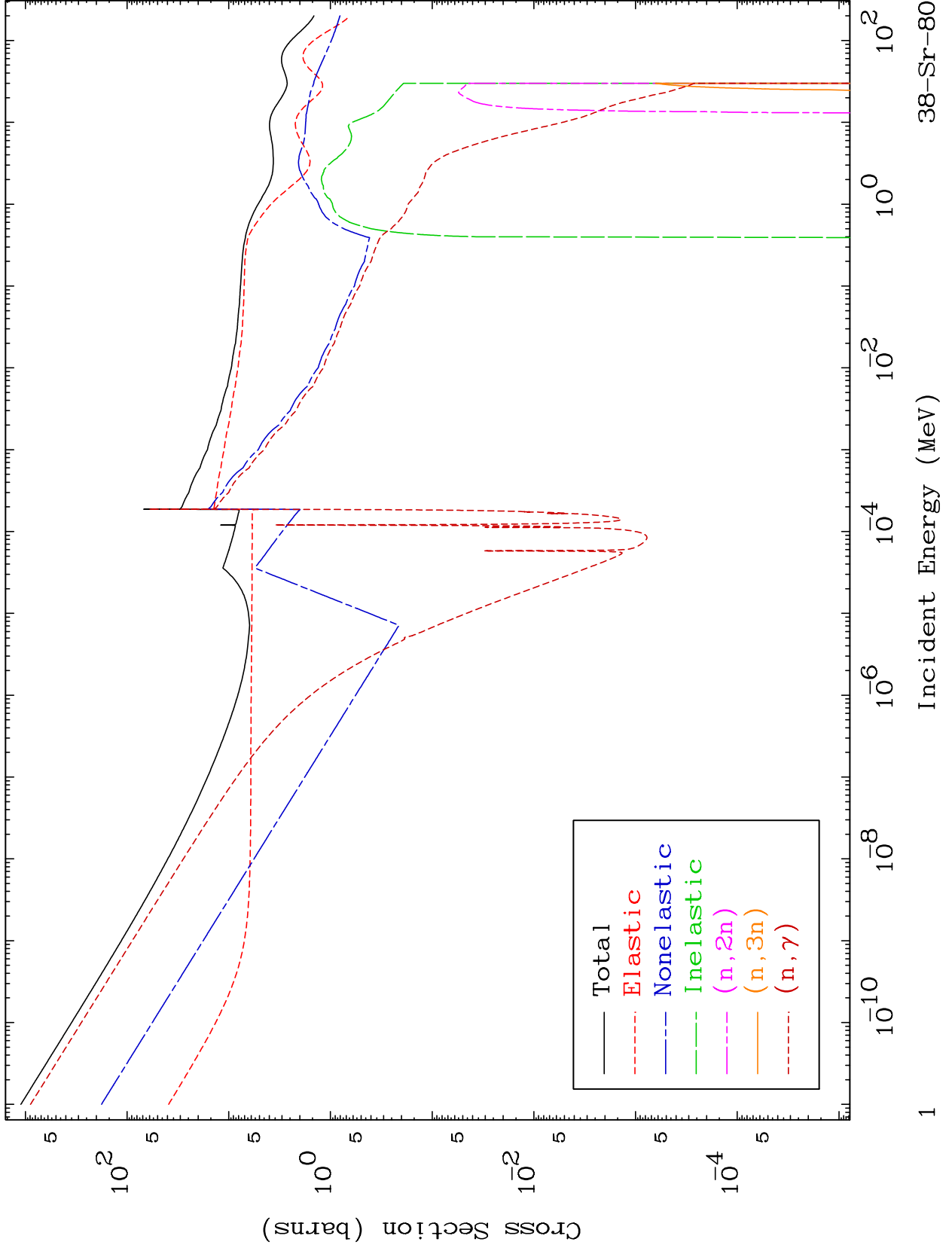
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3813

Neutron Major
293 Kelvin Cross Sections

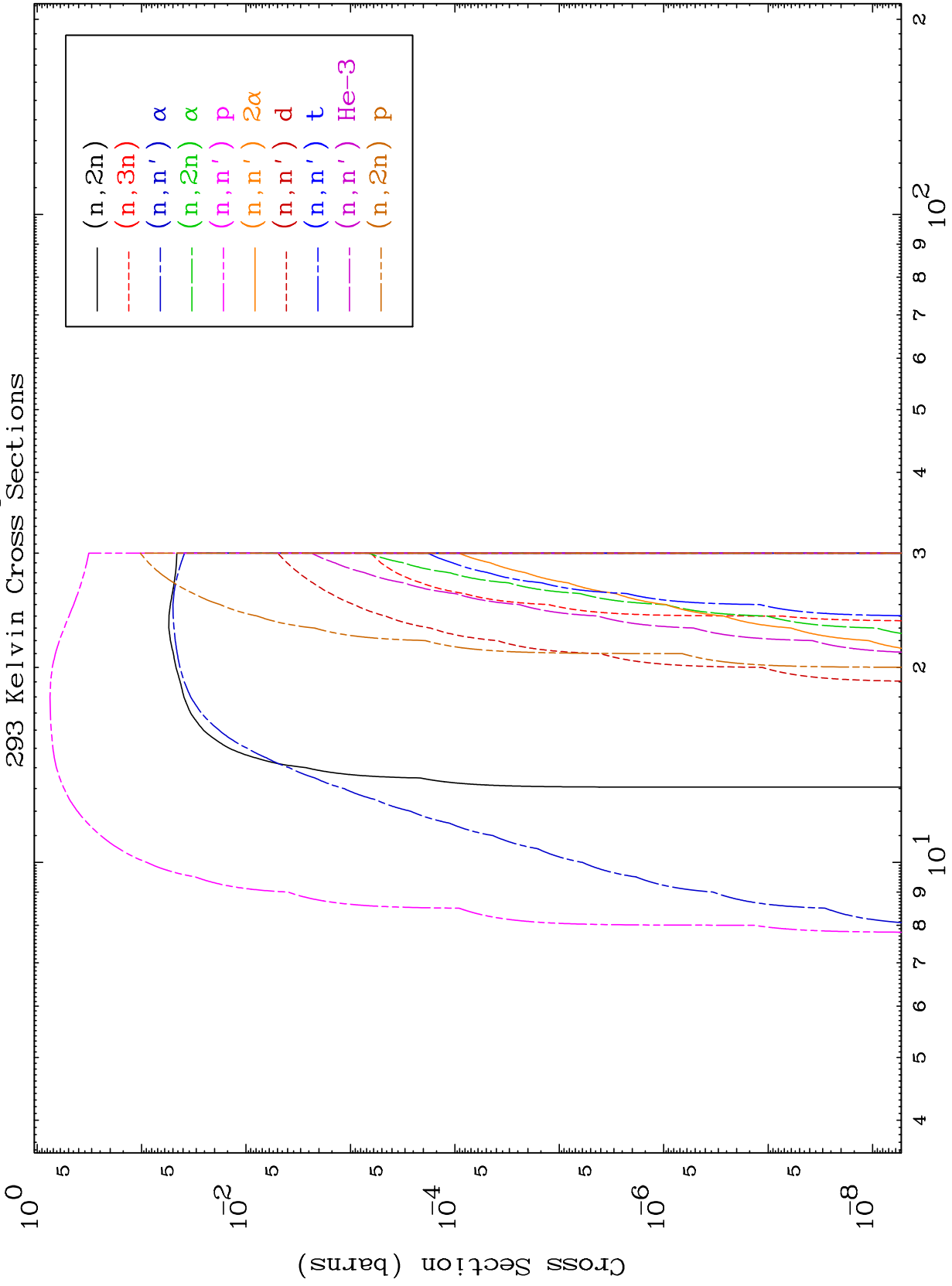
38-Sr-80



MAT 3813

Neutron Absorption
293 Kelvin Cross Sections

38-Sr-80



2

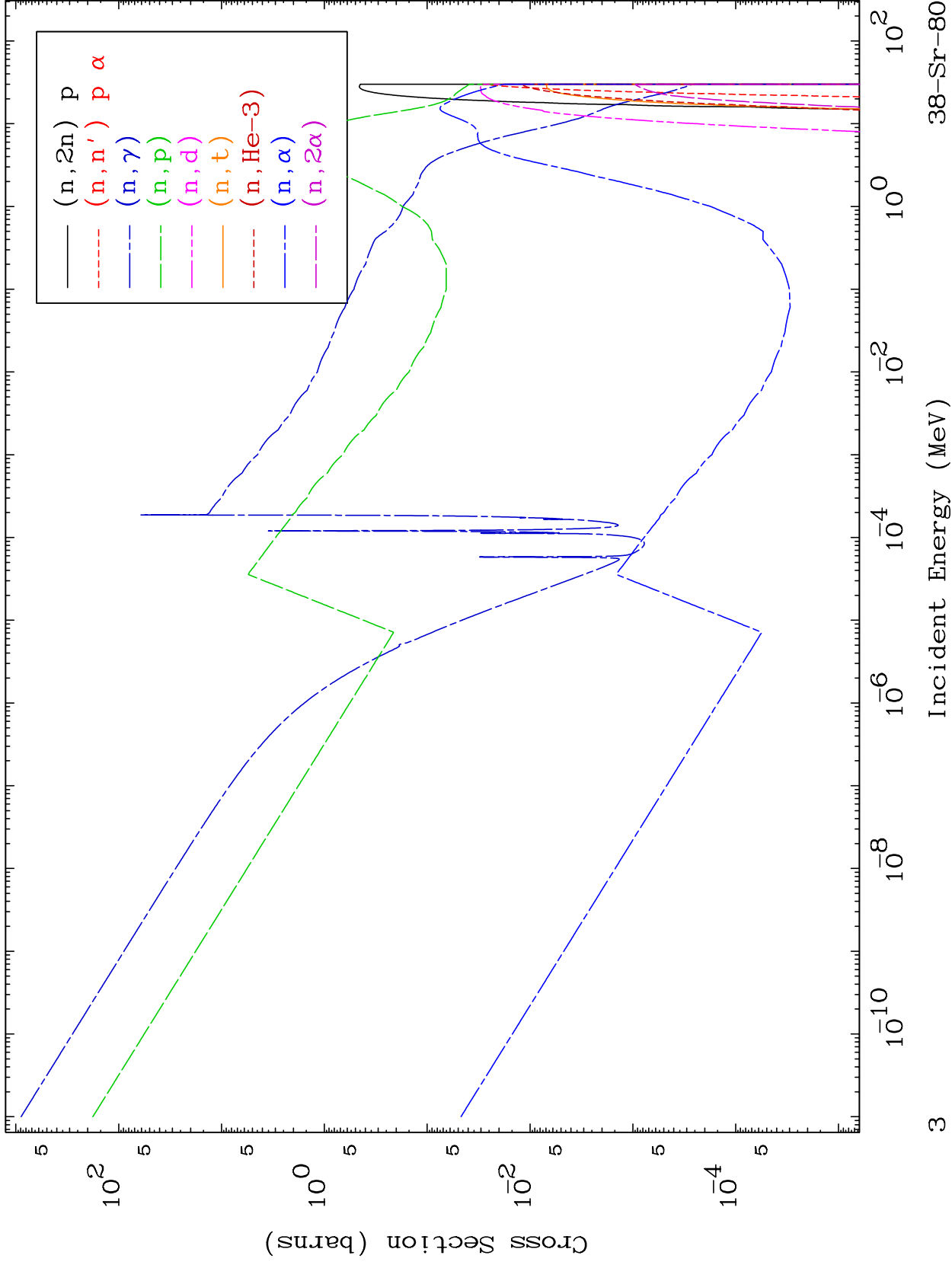
Incident Energy (MeV)

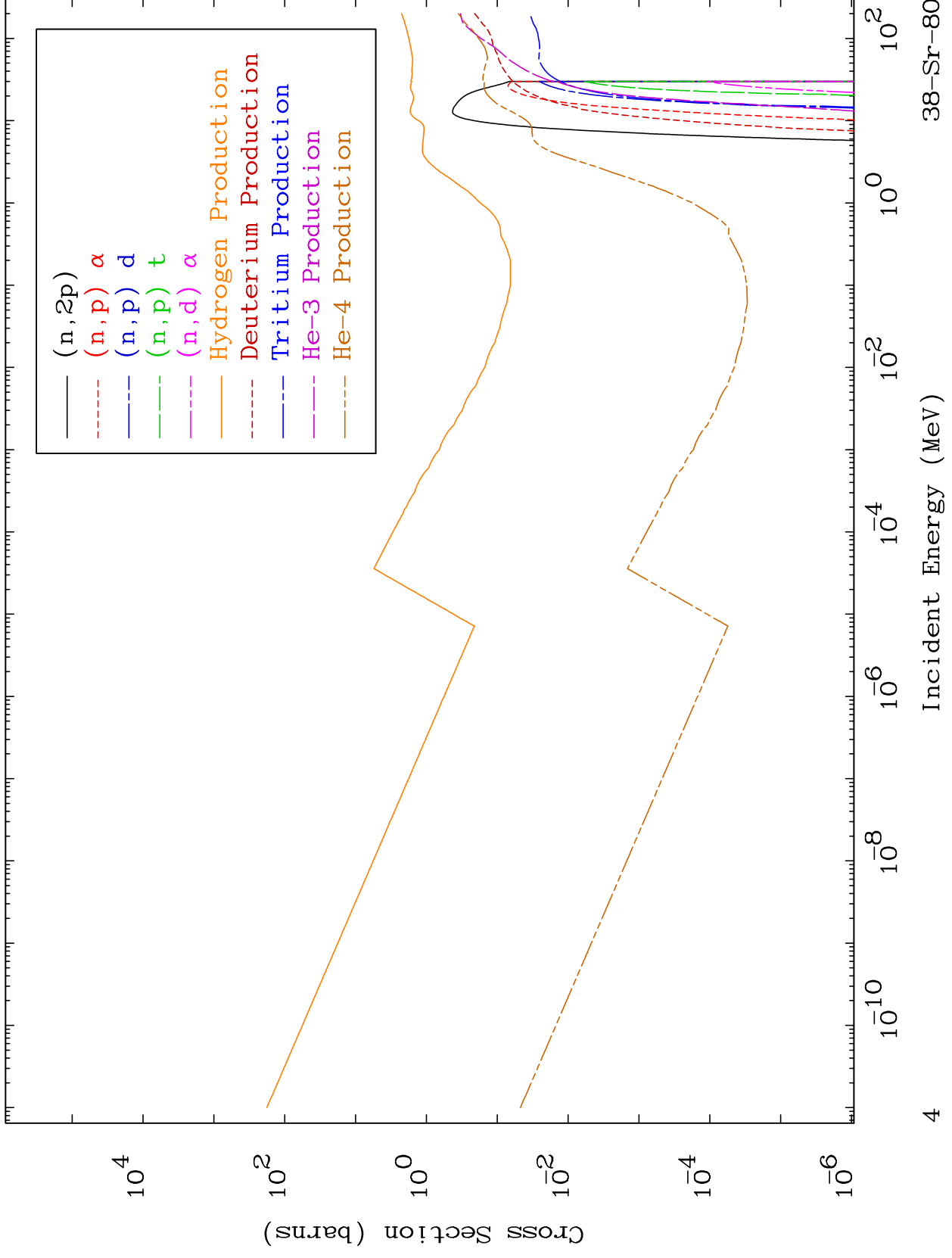
38-Sr-80

MAT 3813

Neutron Absorption
293 Kelvin Cross Sections

38-Sr-80

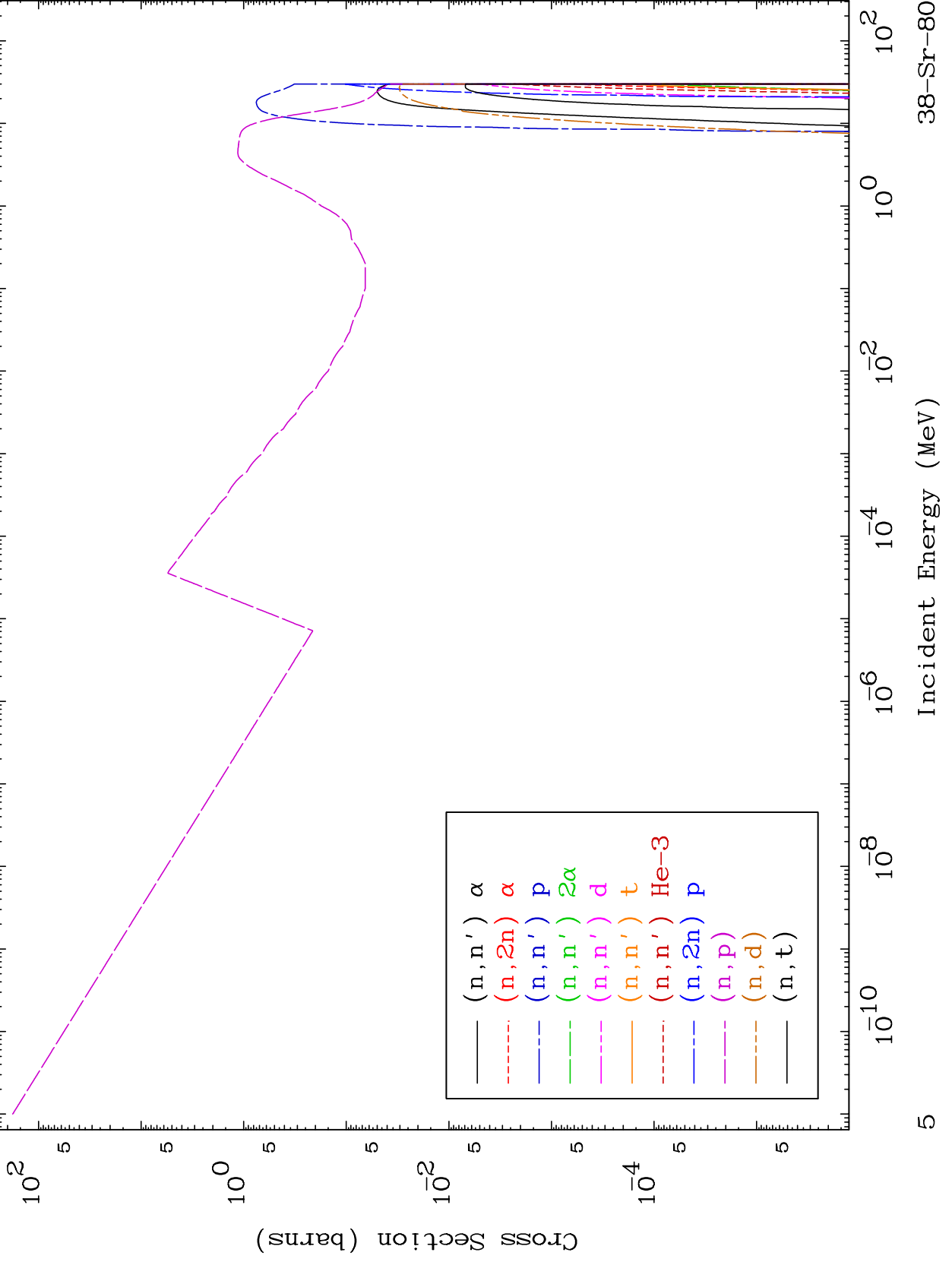




MAT 3813

Charged Particle
293 Kelvin Cross Sections

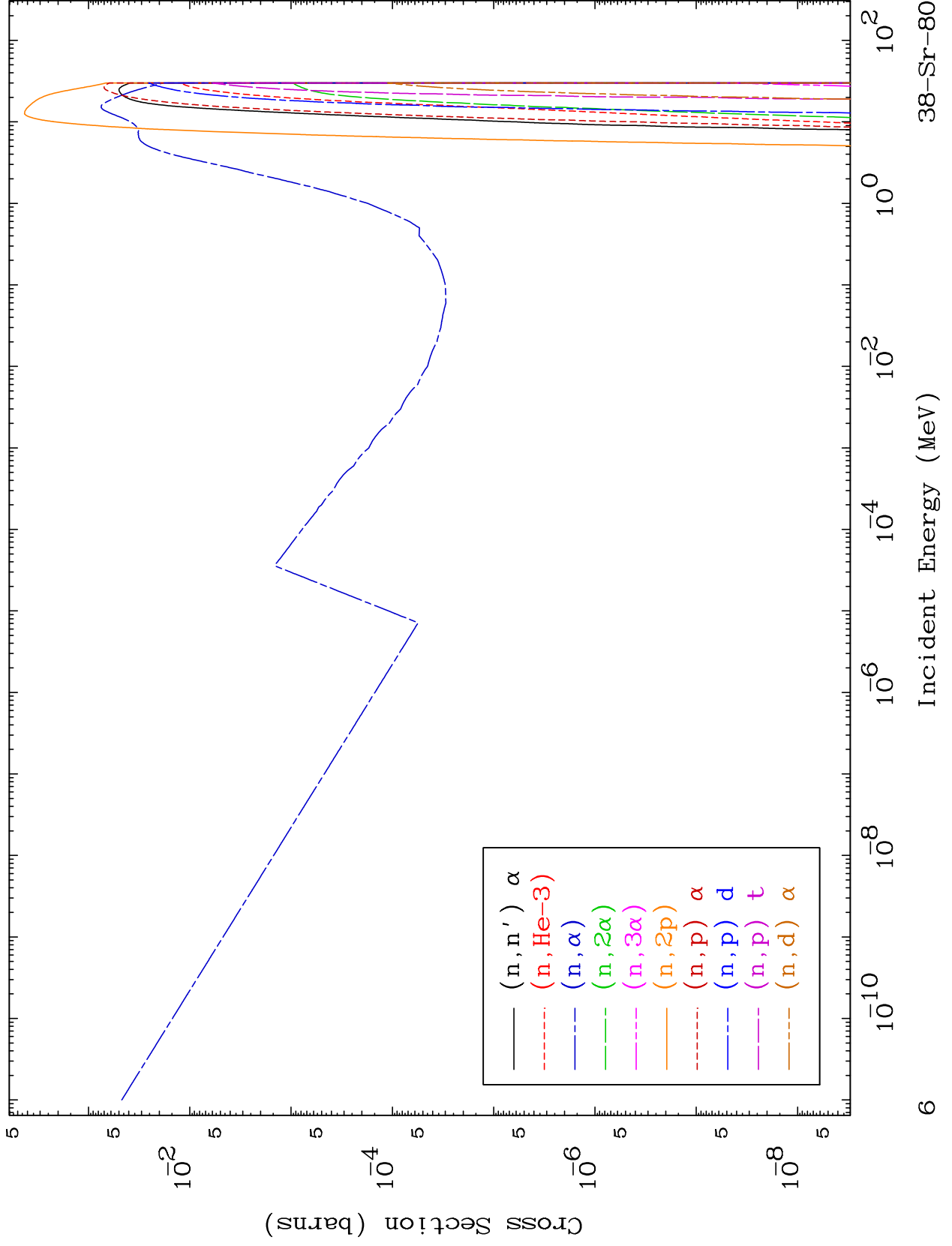
38-Sr-80



MAT 3813

Charged Particle
293 Kelvin Cross Sections

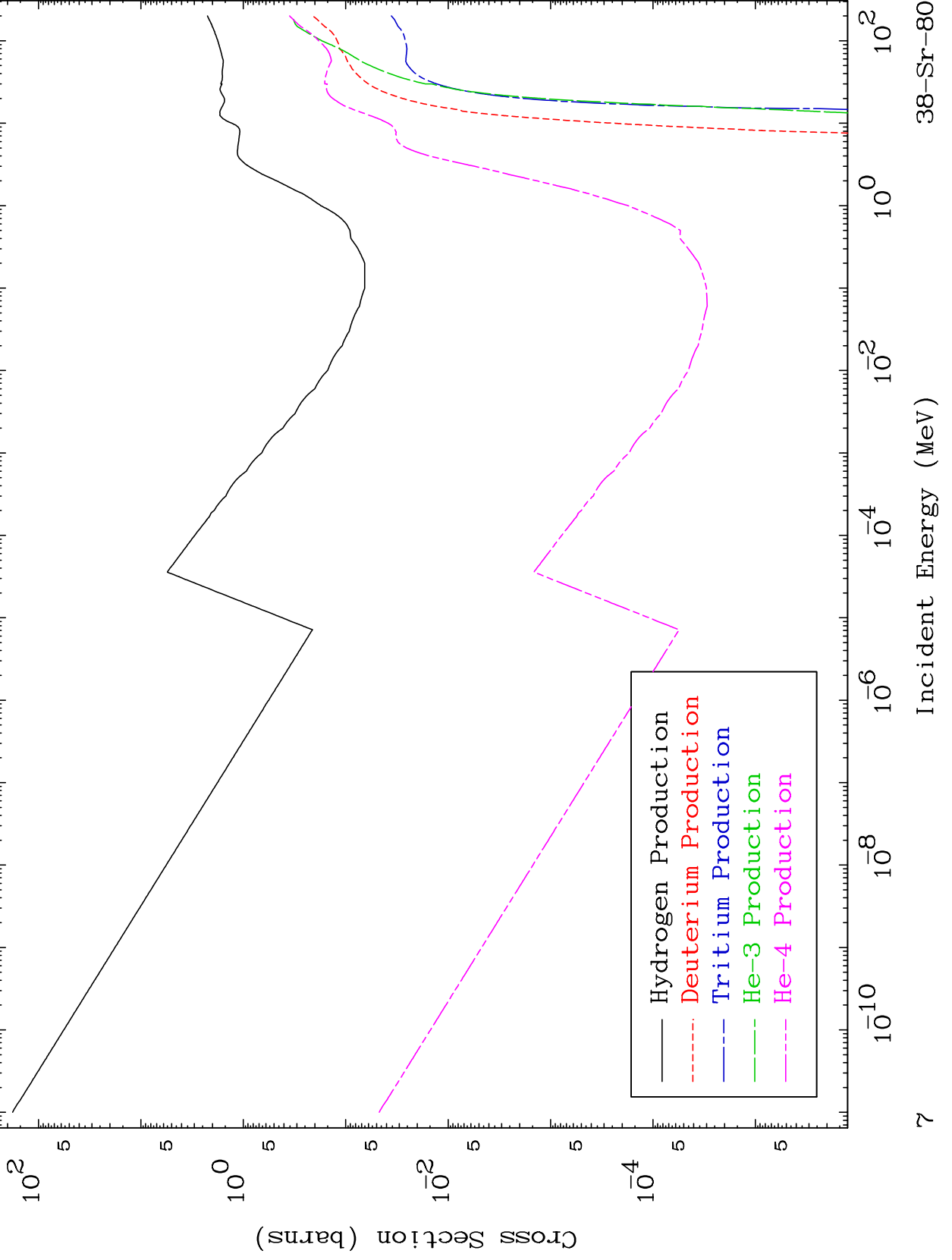
38-Sr-80



MAT 3813

Particle Production
293 Kelvin Cross Sections

38-Sr-80

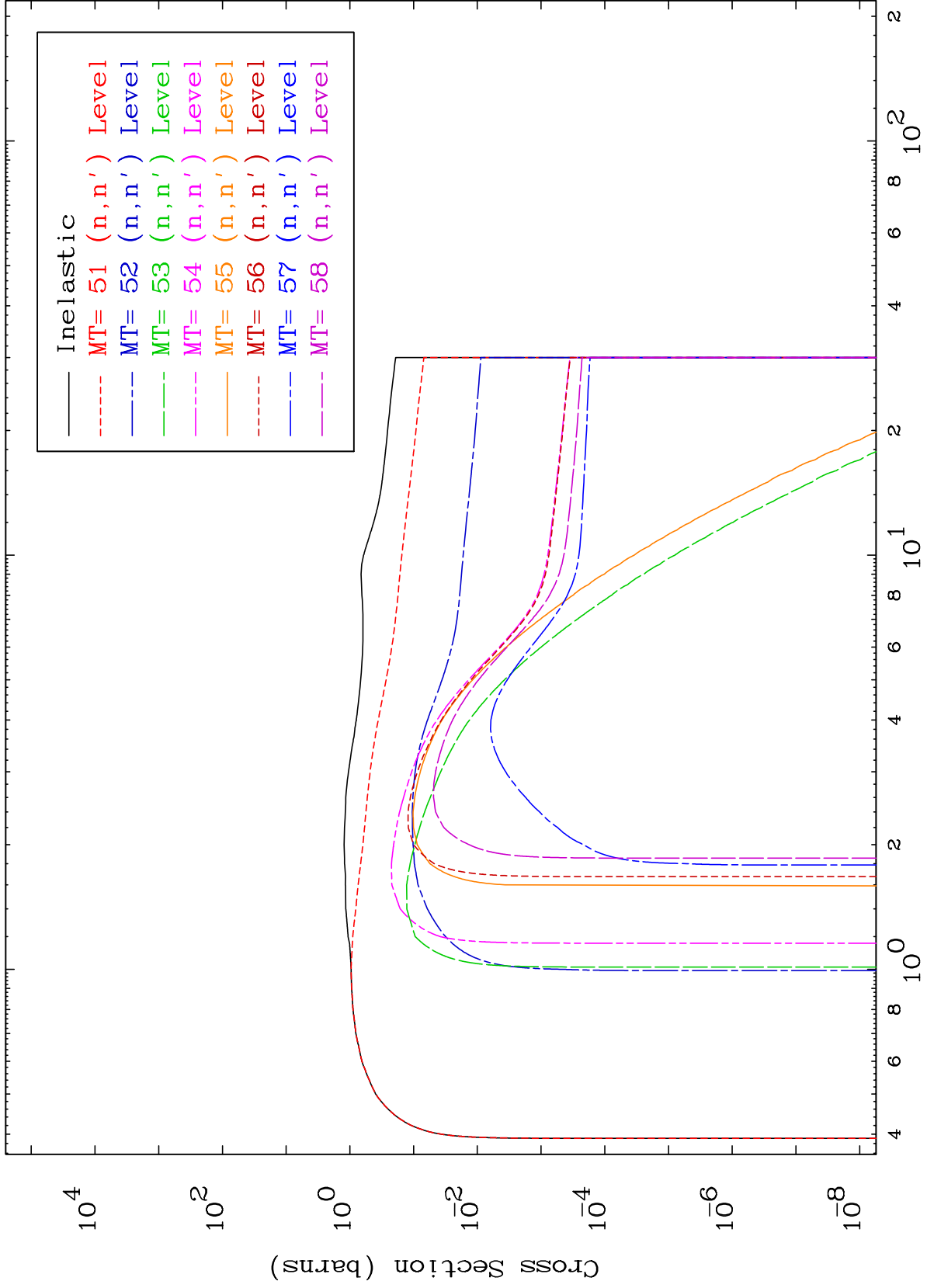


MAT 3813

(n,n') Levels

38-Sr-80

293 Kelvin Cross Sections



8

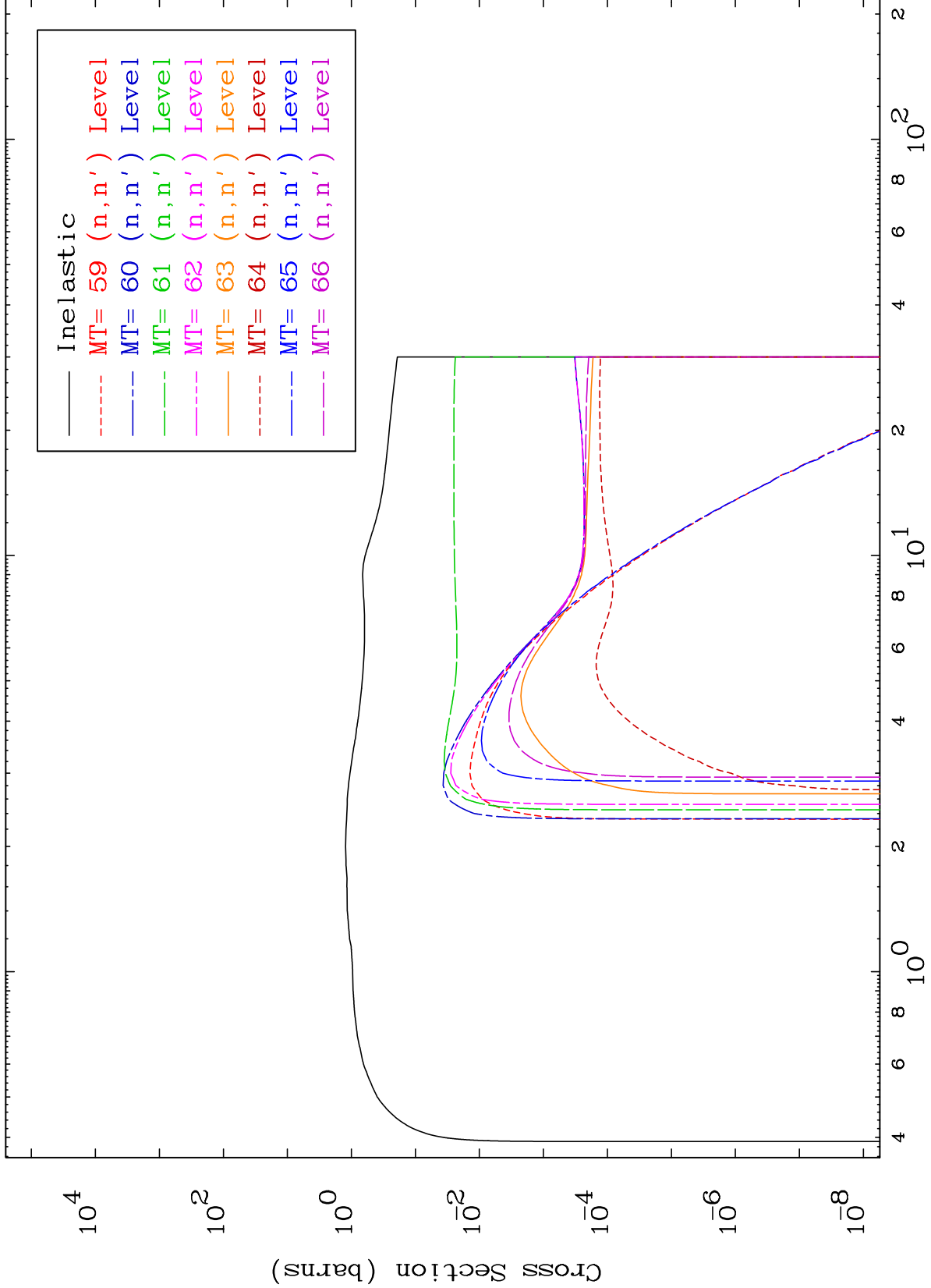
Incident Energy (MeV)

38-Sr-80

MAT 3813

(n,n') Levels
293 Kelvin Cross Sections

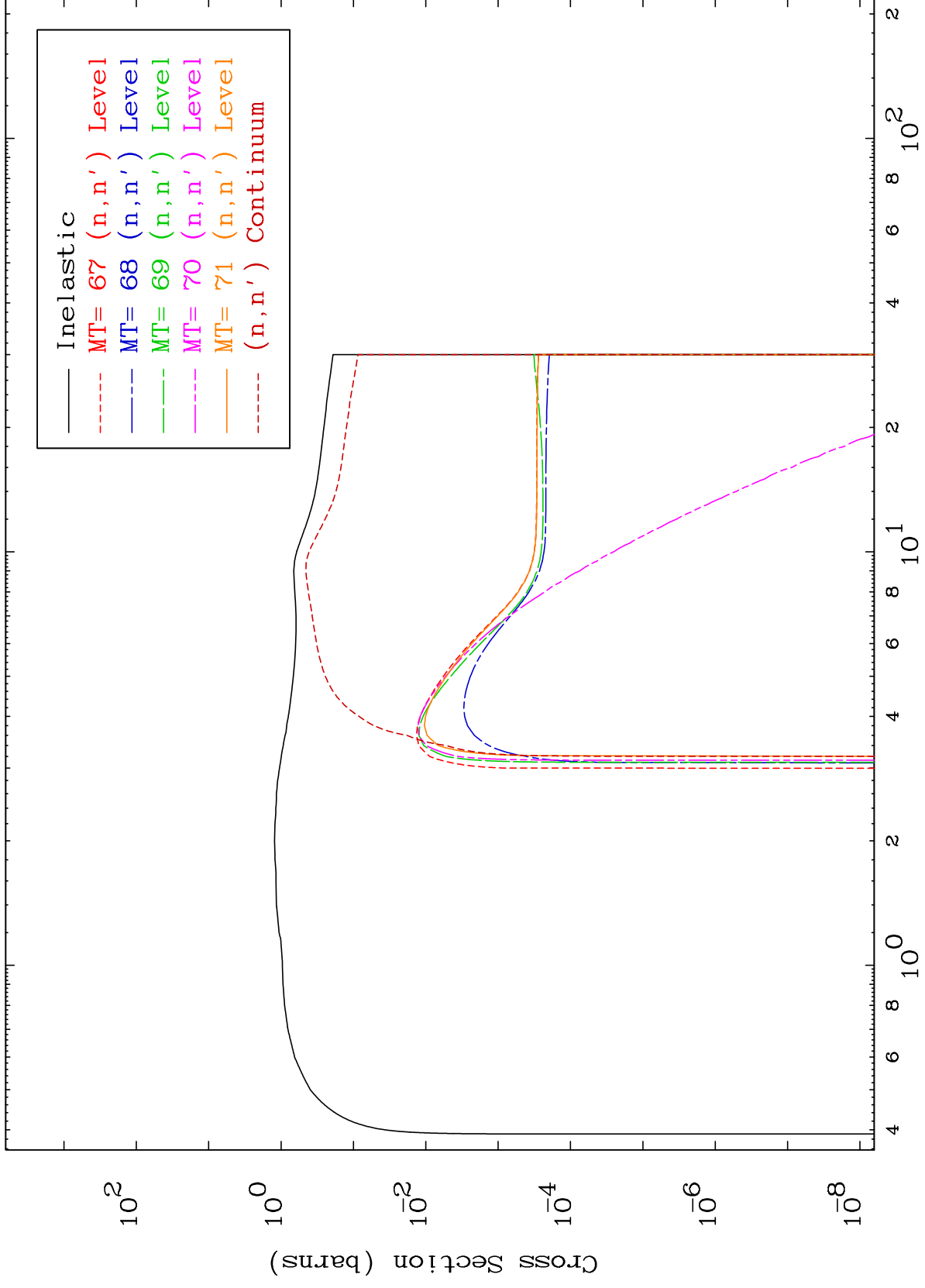
38-Sr-80



MAT 3813

(n,n') Levels
293 Kelvin Cross Sections

38-Sr-80



10

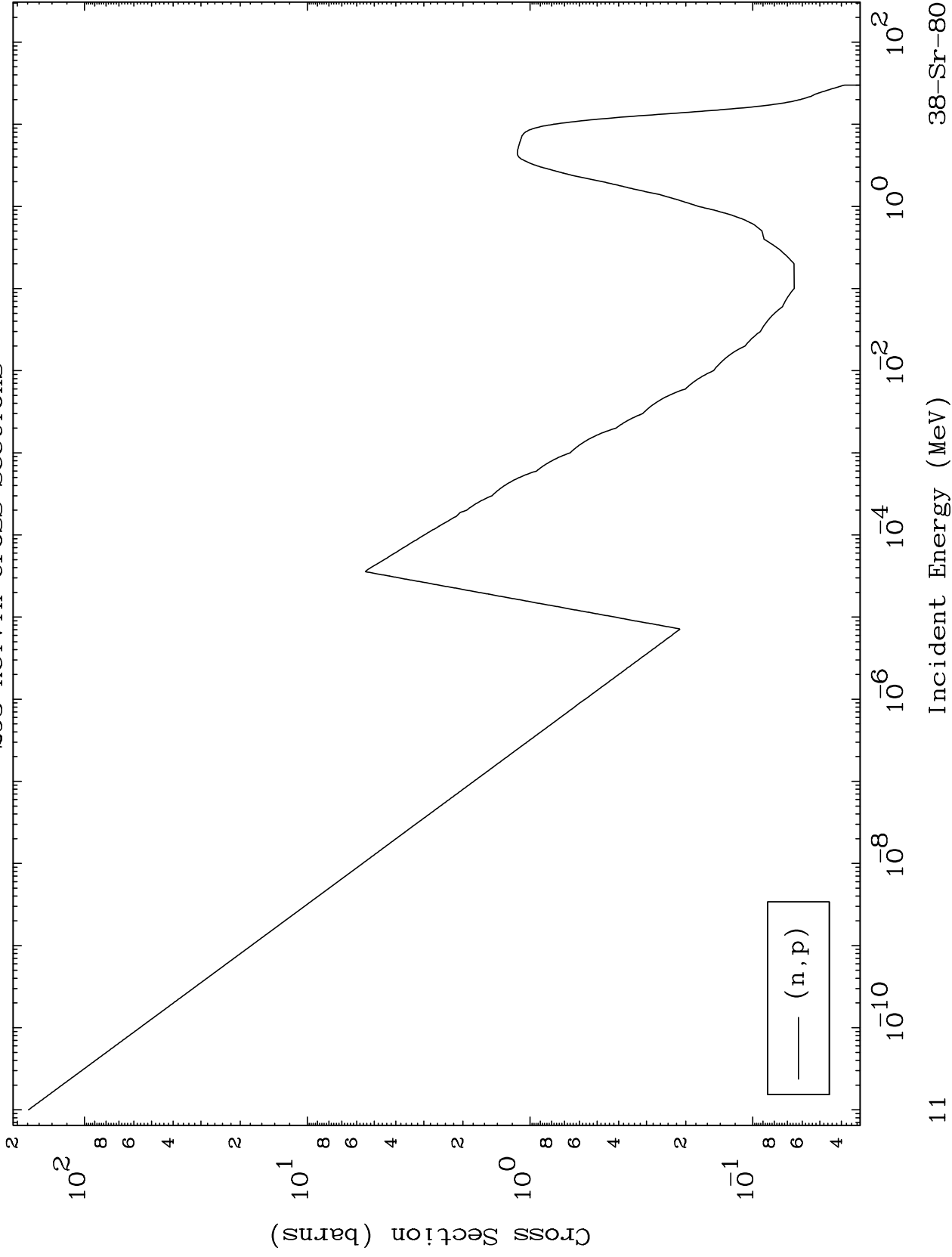
Incident Energy (MeV)

38-Sr-80

MAT 3813

(n,p) Levels
293 Kelvin Cross Sections

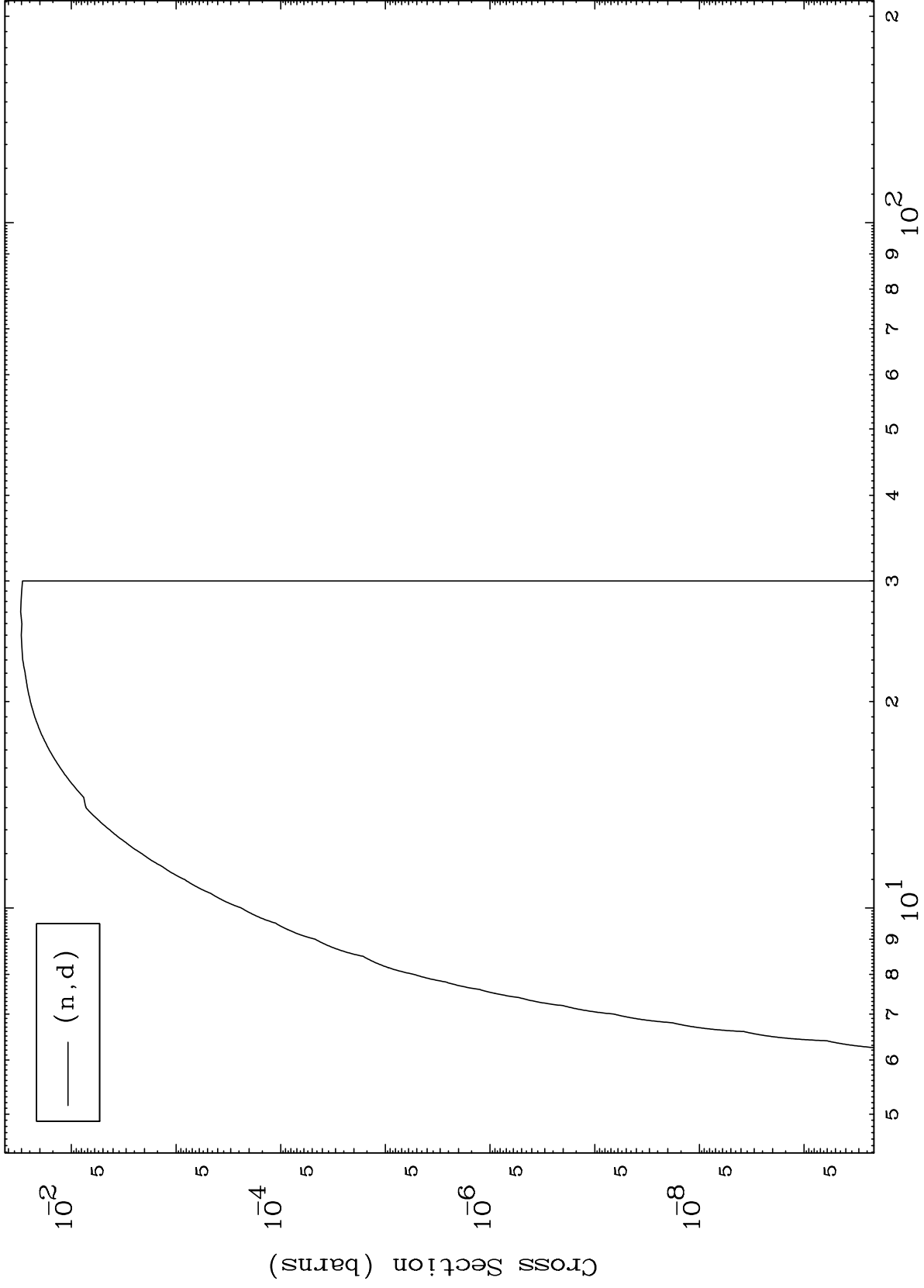
38-Sr-80



MAT 3813

(n,d) Levels
293 Kelvin Cross Sections

38-Sr-80



12

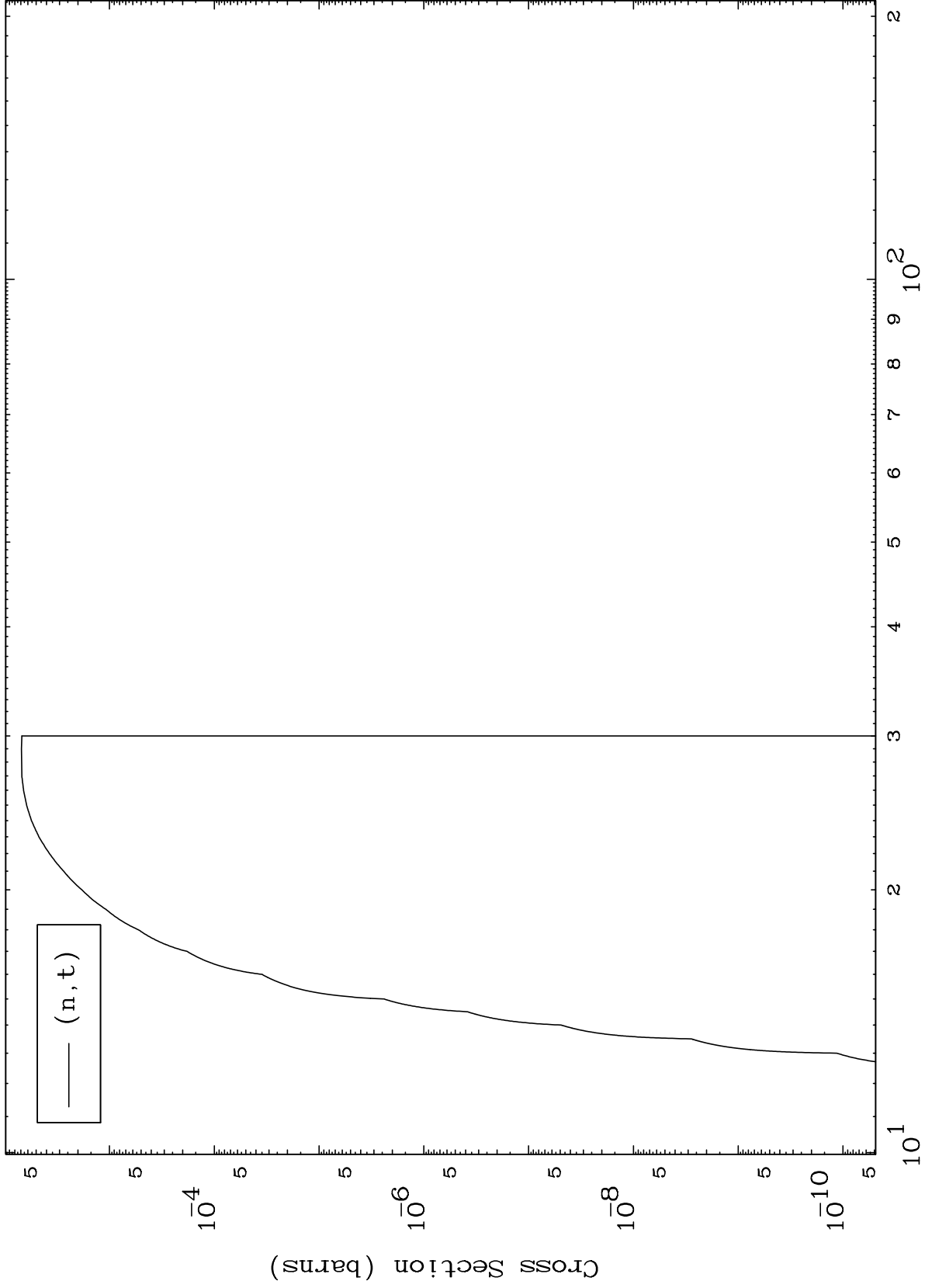
Incident Energy (MeV)

38-Sr-80

MAT 3813

(n,t) Levels
293 Kelvin Cross Sections

38-Sr-80



13

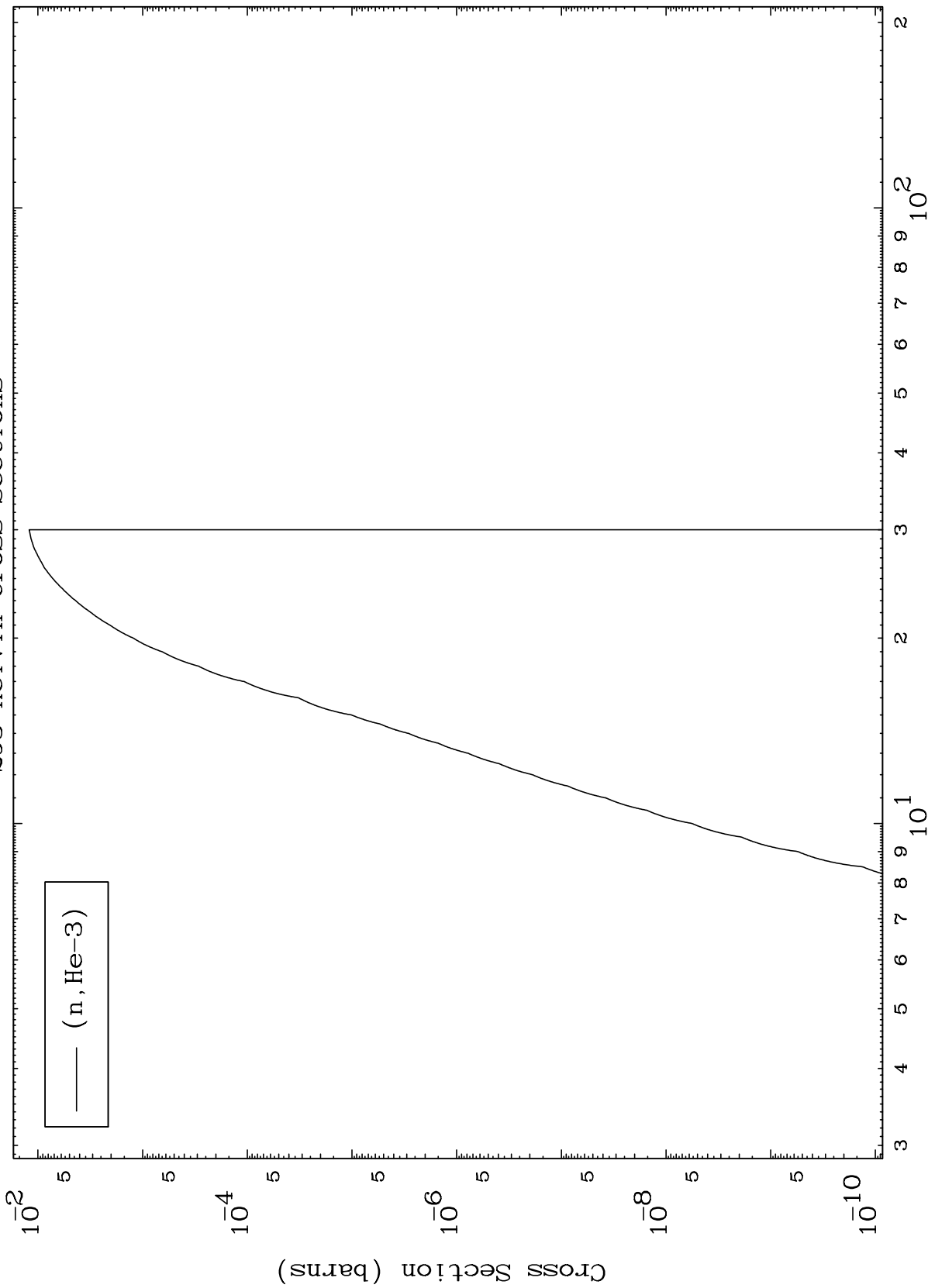
Incident Energy (MeV)

38-Sr-80

MAT 3813

38-Sr-80

(n,He3) Levels
293 Kelvin Cross Sections



38-Sr-80

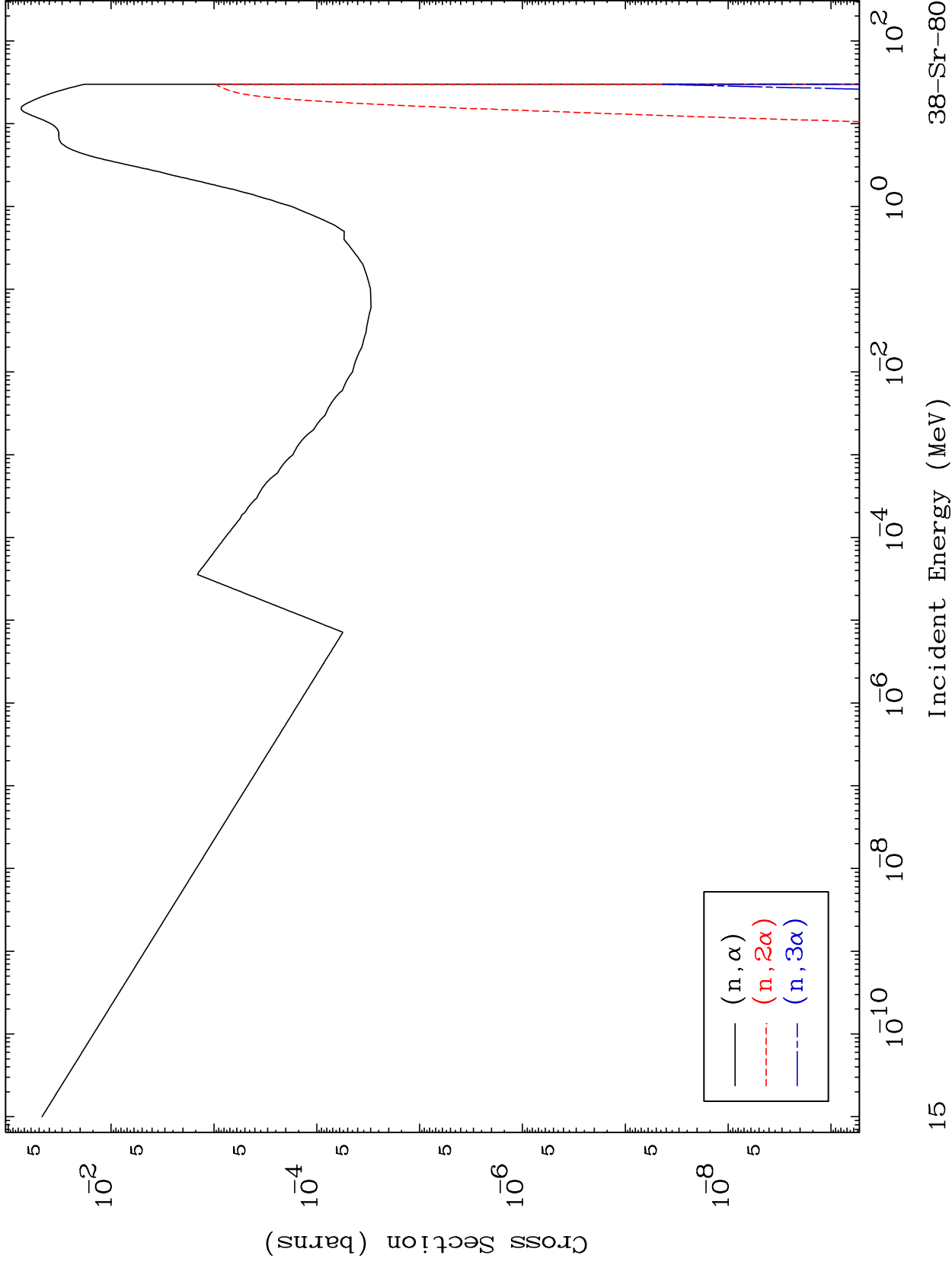
Incident Energy (MeV)

14

MAT 3813

(n,α) Levels
293 Kelvin Cross Sections

38-Sr-80

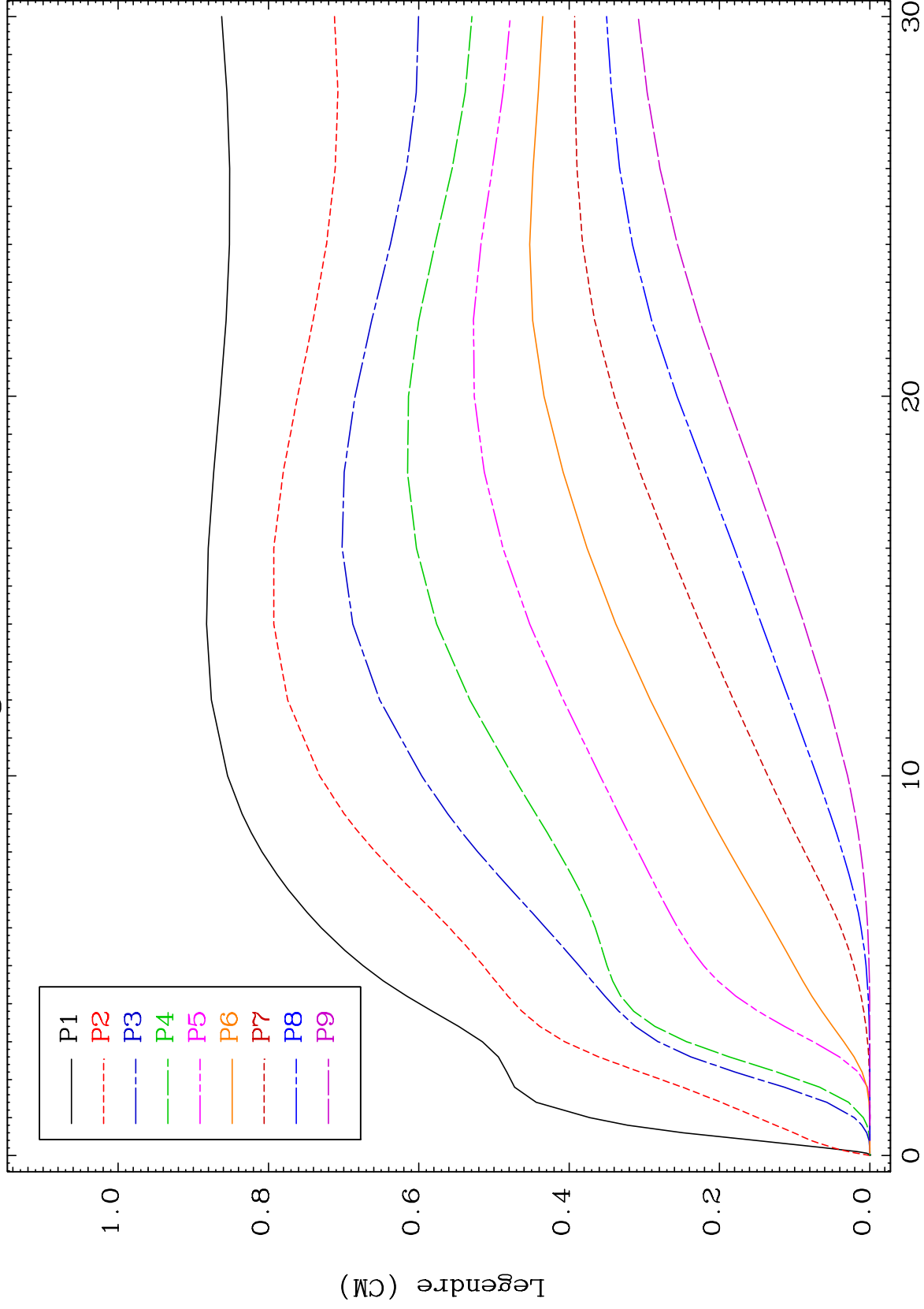


15

MAT 3813

Elastic Legendre Coefficients

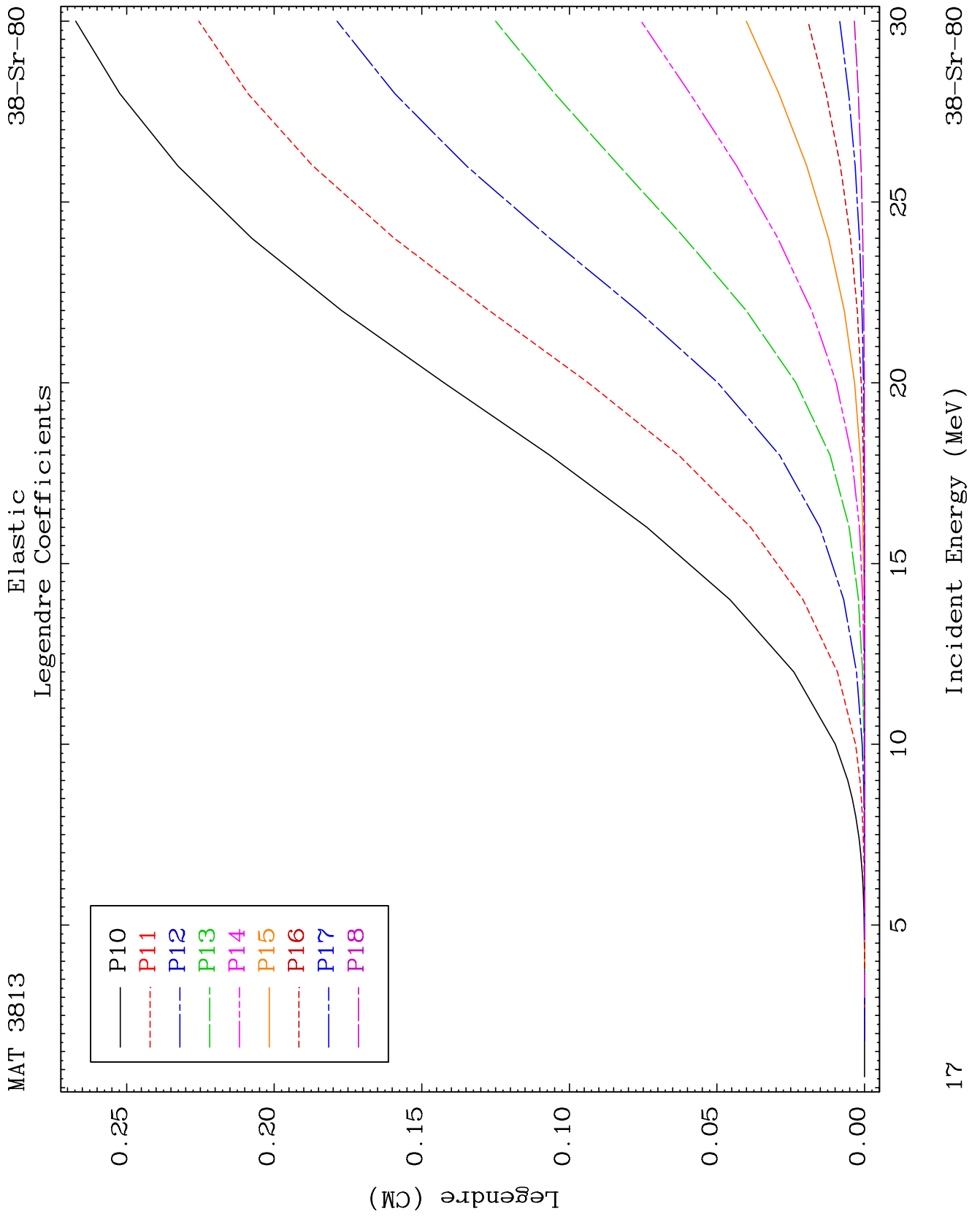
³⁸Sr-80



16

Incident Energy (MeV)

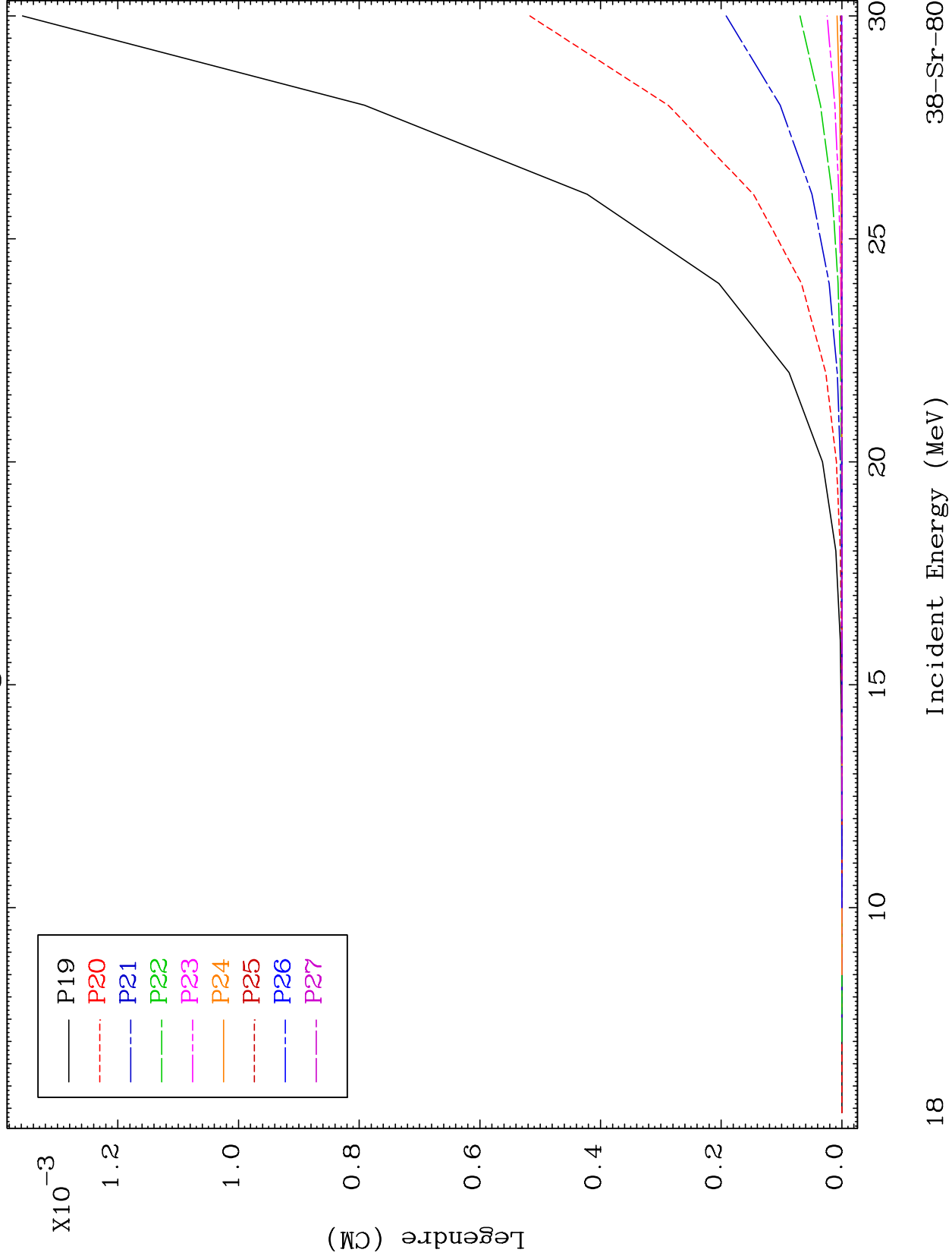
³⁸Sr-80



MAT 3813

Elastic Legendre Coefficients

³⁸Sr-80



18

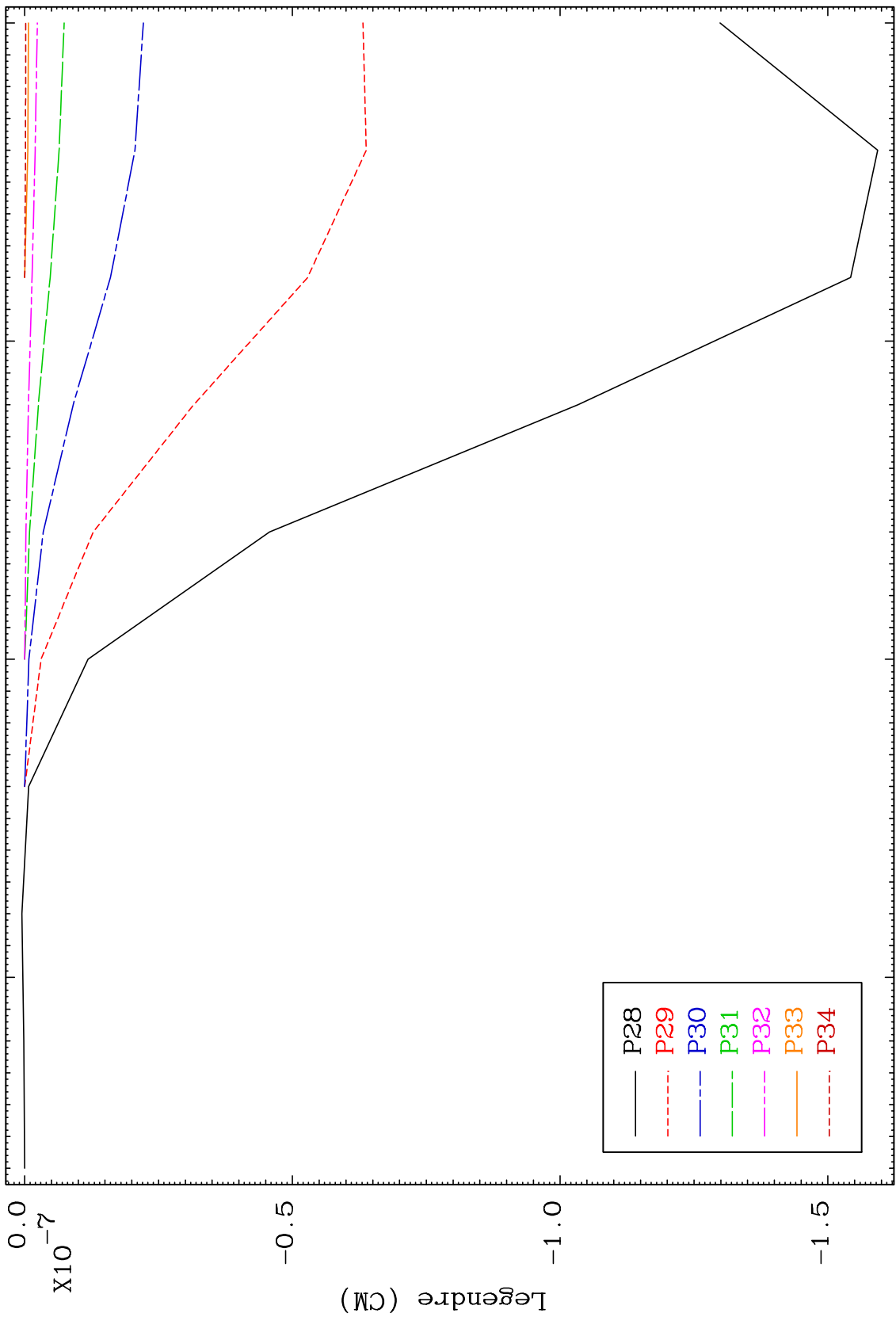
Incident Energy (MeV)

³⁸Sr-80

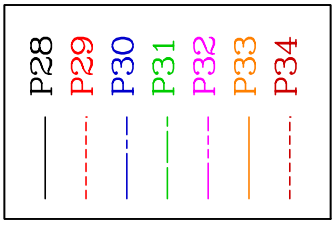
MAT 3813

38-Sr-80

Elastic Legendre Coefficients



Legendre (CM)
X10⁻⁷



19

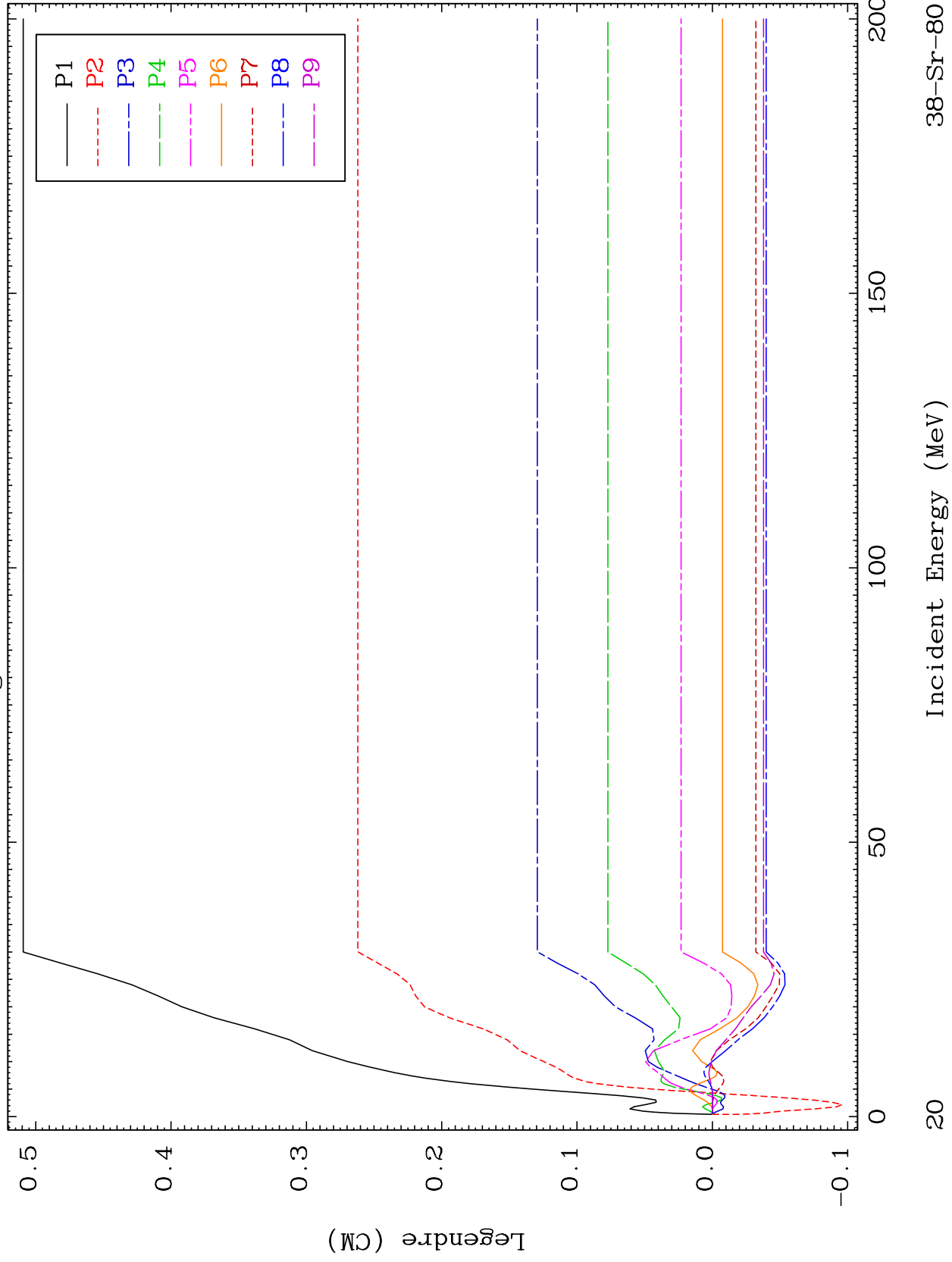
Incident Energy (MeV)

38-Sr-80

MAT 3813

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

38-Sr-80



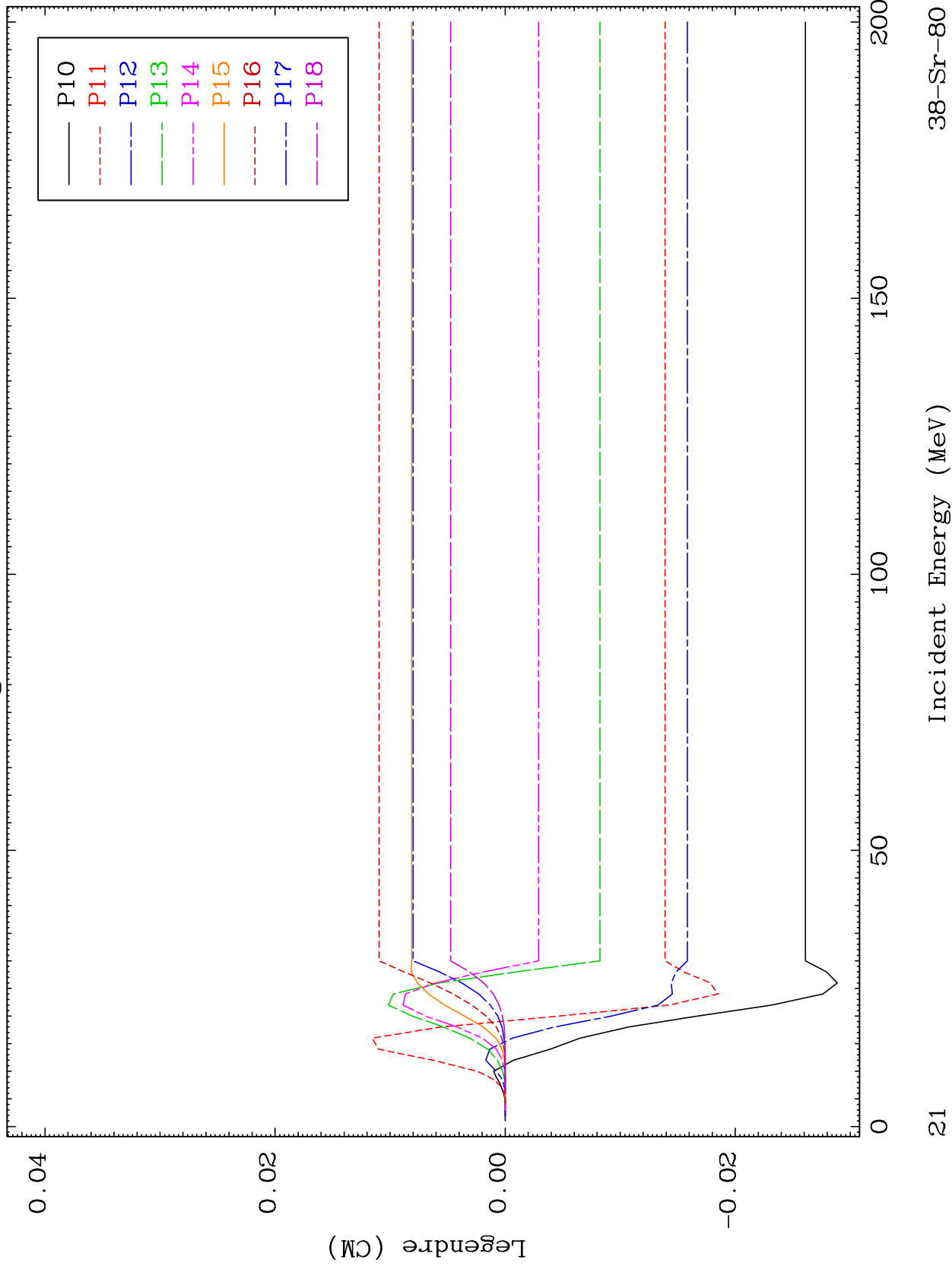
38-Sr-80

Incident Energy (MeV)

MAT 3813

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

38-Sr-80



21

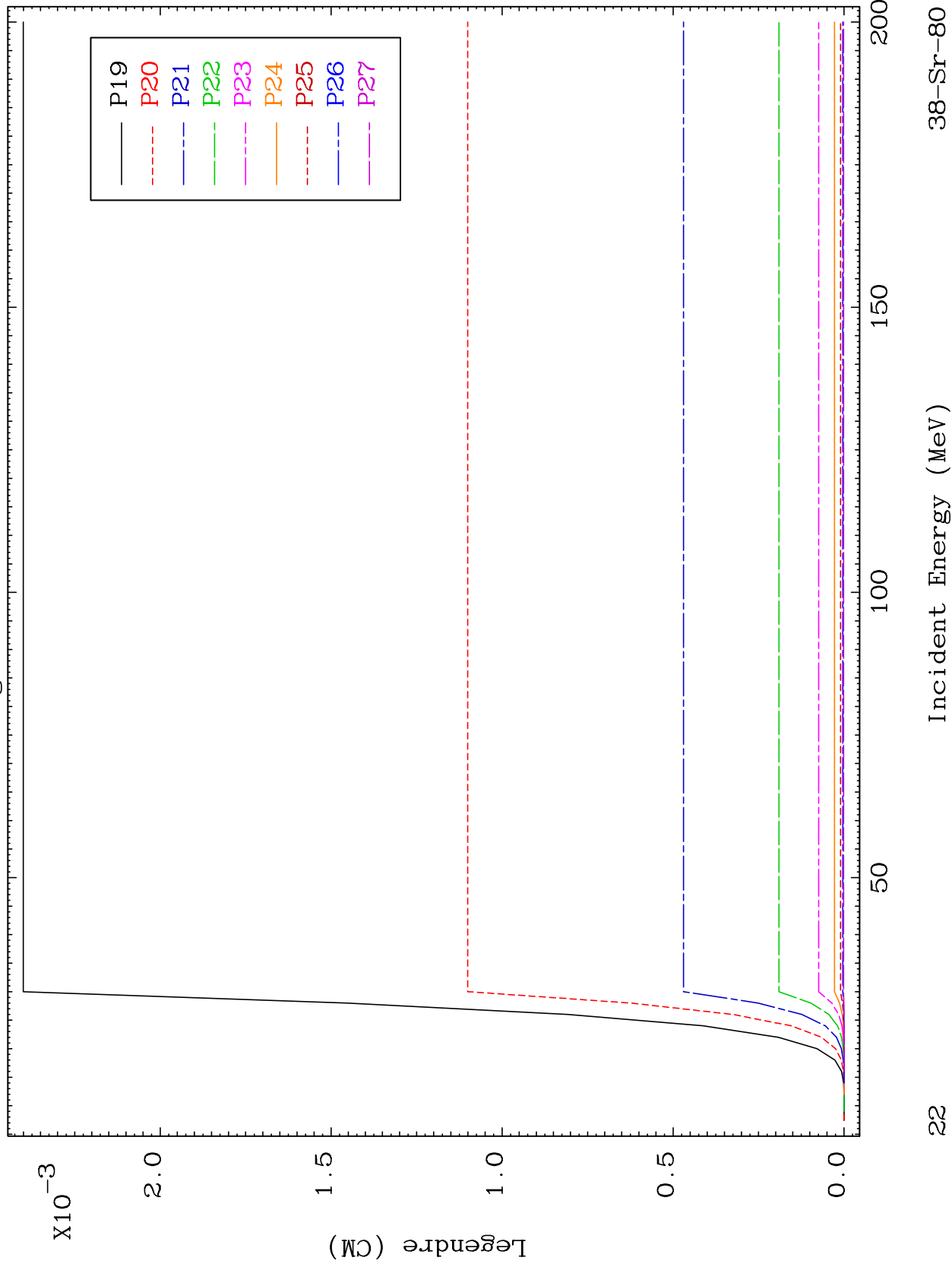
Incident Energy (MeV)

38-Sr-80

MAT 3813

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

38-Sr-80

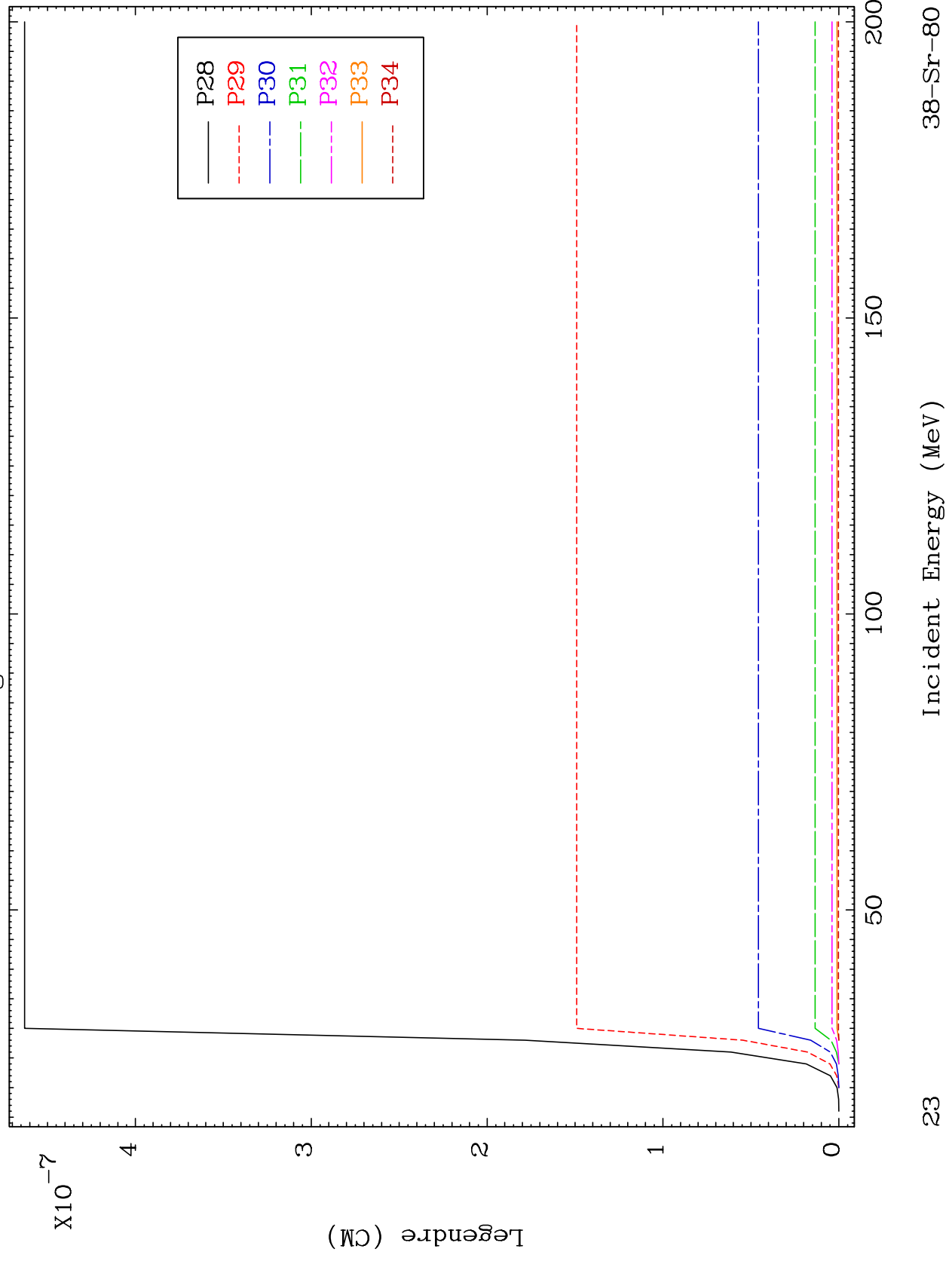


22

MAT 3813

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

38-Sr-80



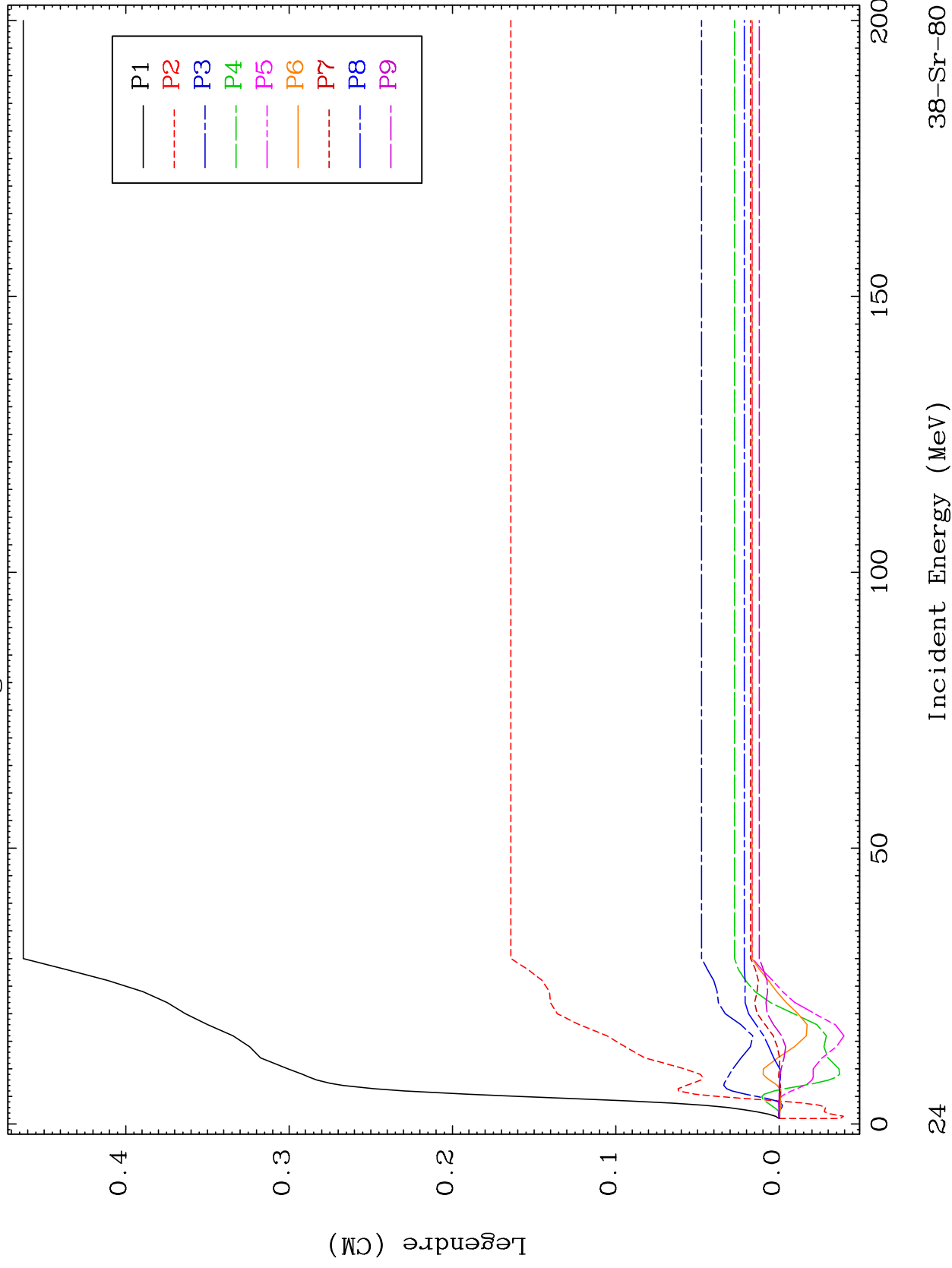
23

38-Sr-80

MAT 3813

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

38-Sr-80



24

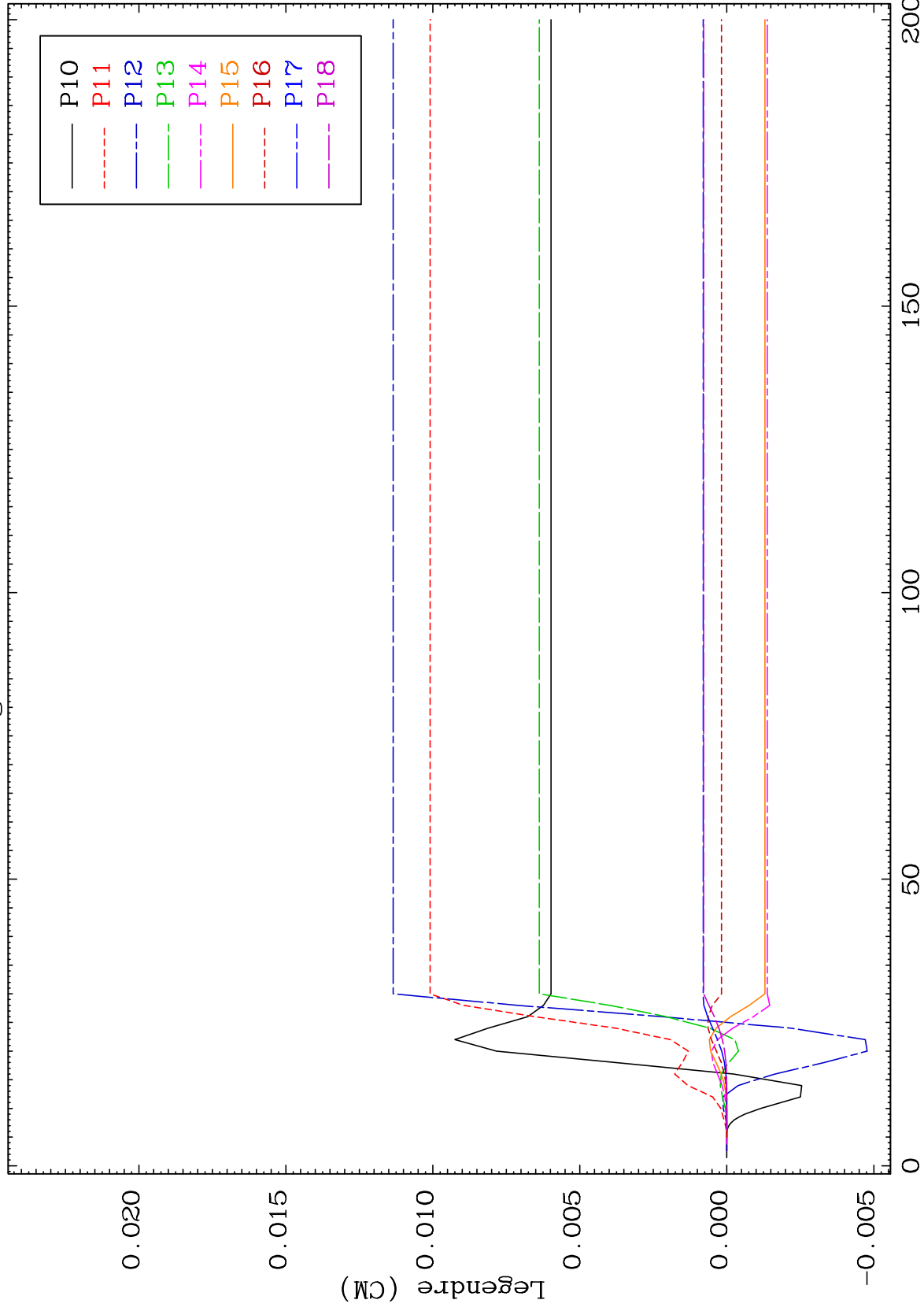
Incident Energy (MeV)

38-Sr-80

MAT 3813

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

38-Sr-80



25

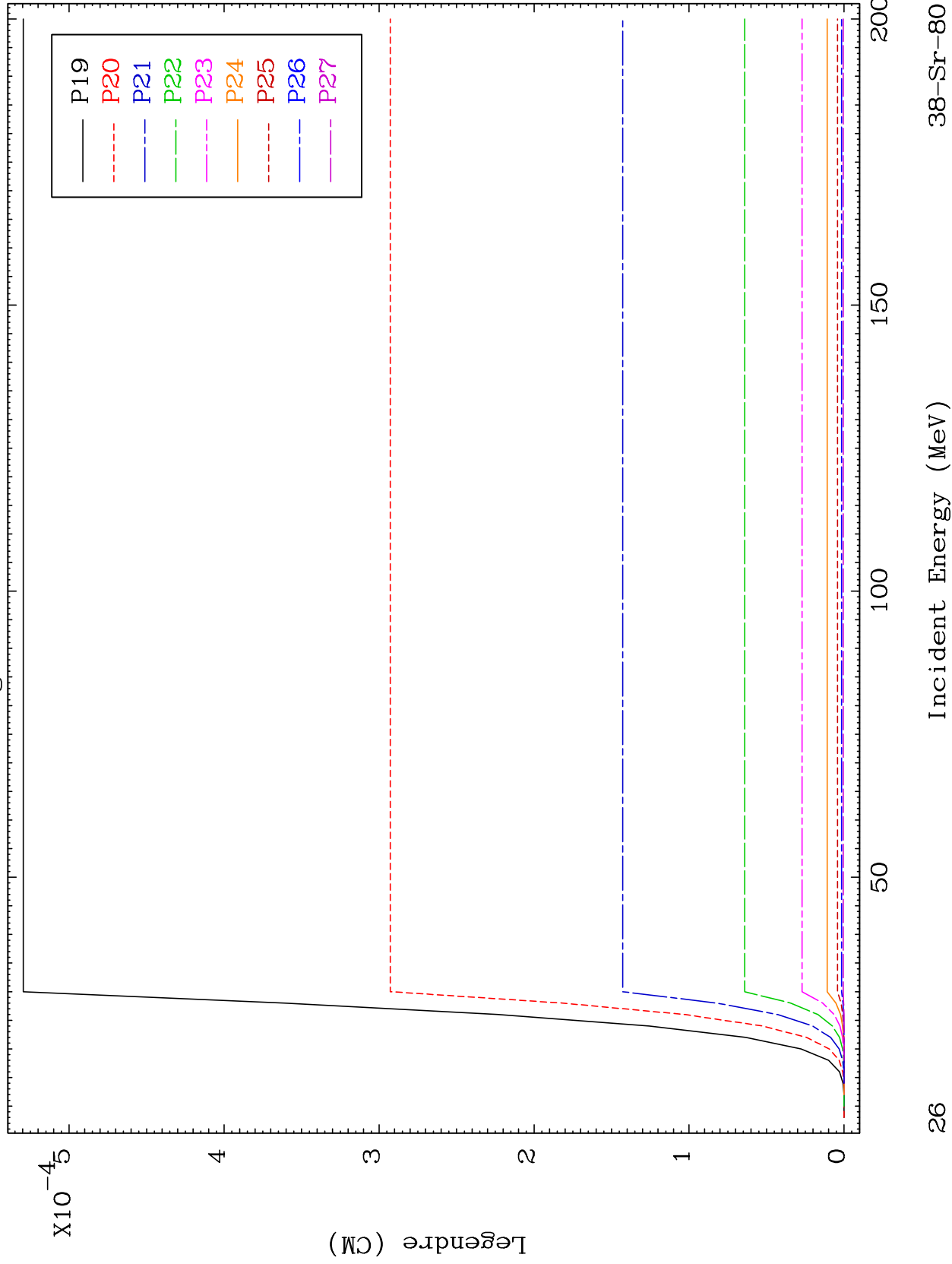
Incident Energy (MeV)

38-Sr-80

MAT 3813

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

38-Sr-80



26

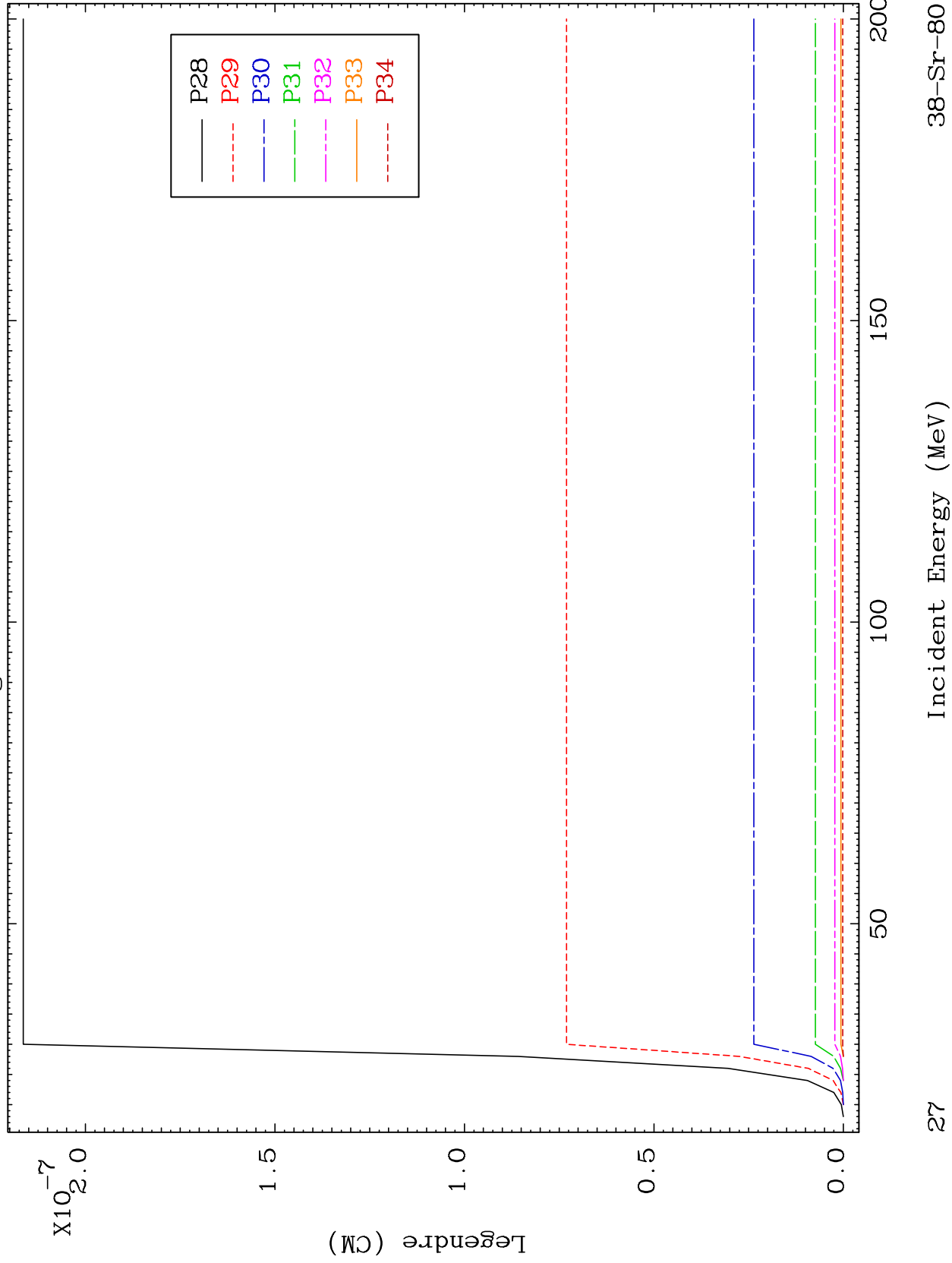
Incident Energy (MeV)

38-Sr-80

MAT 3813

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

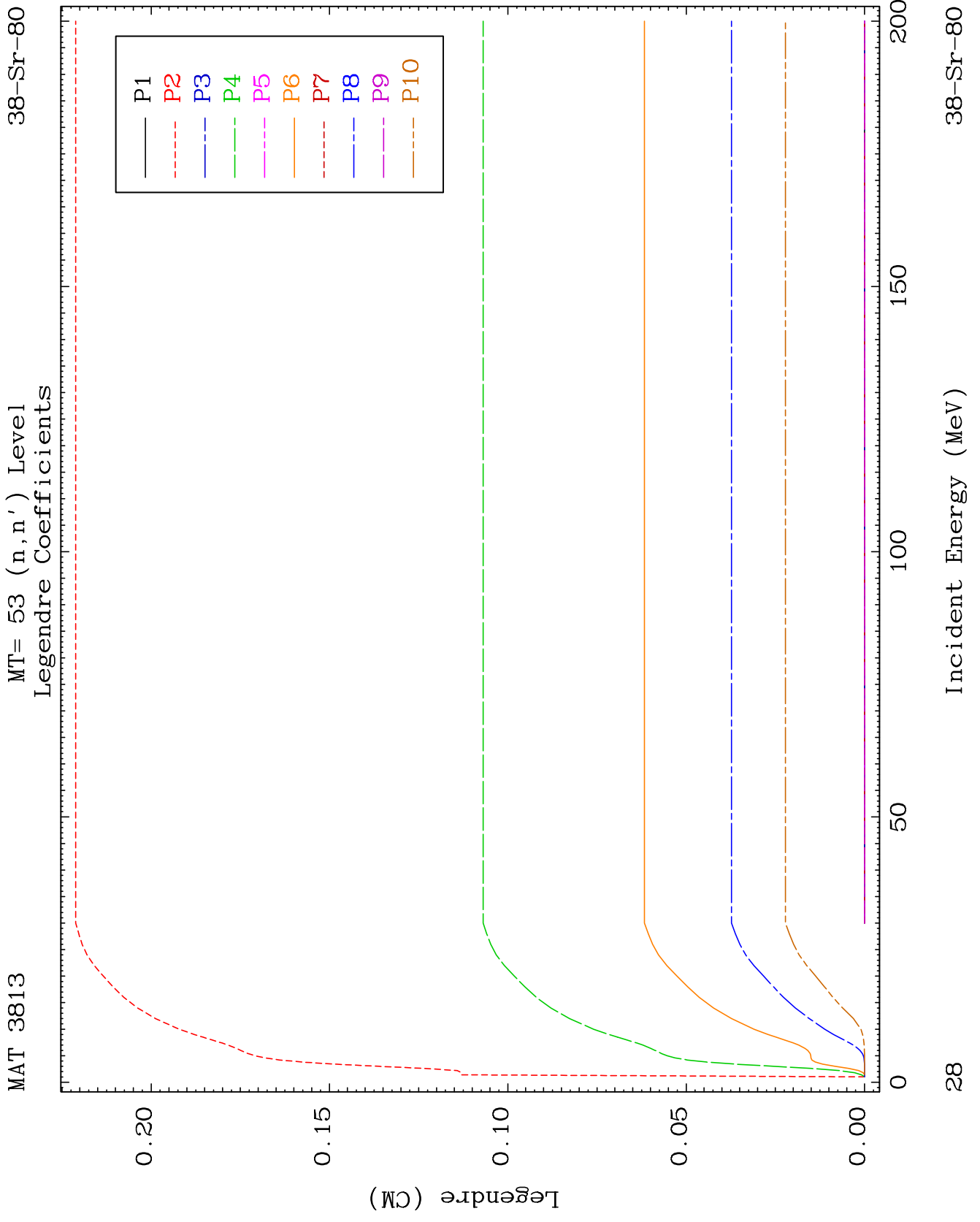
38-Sr-80

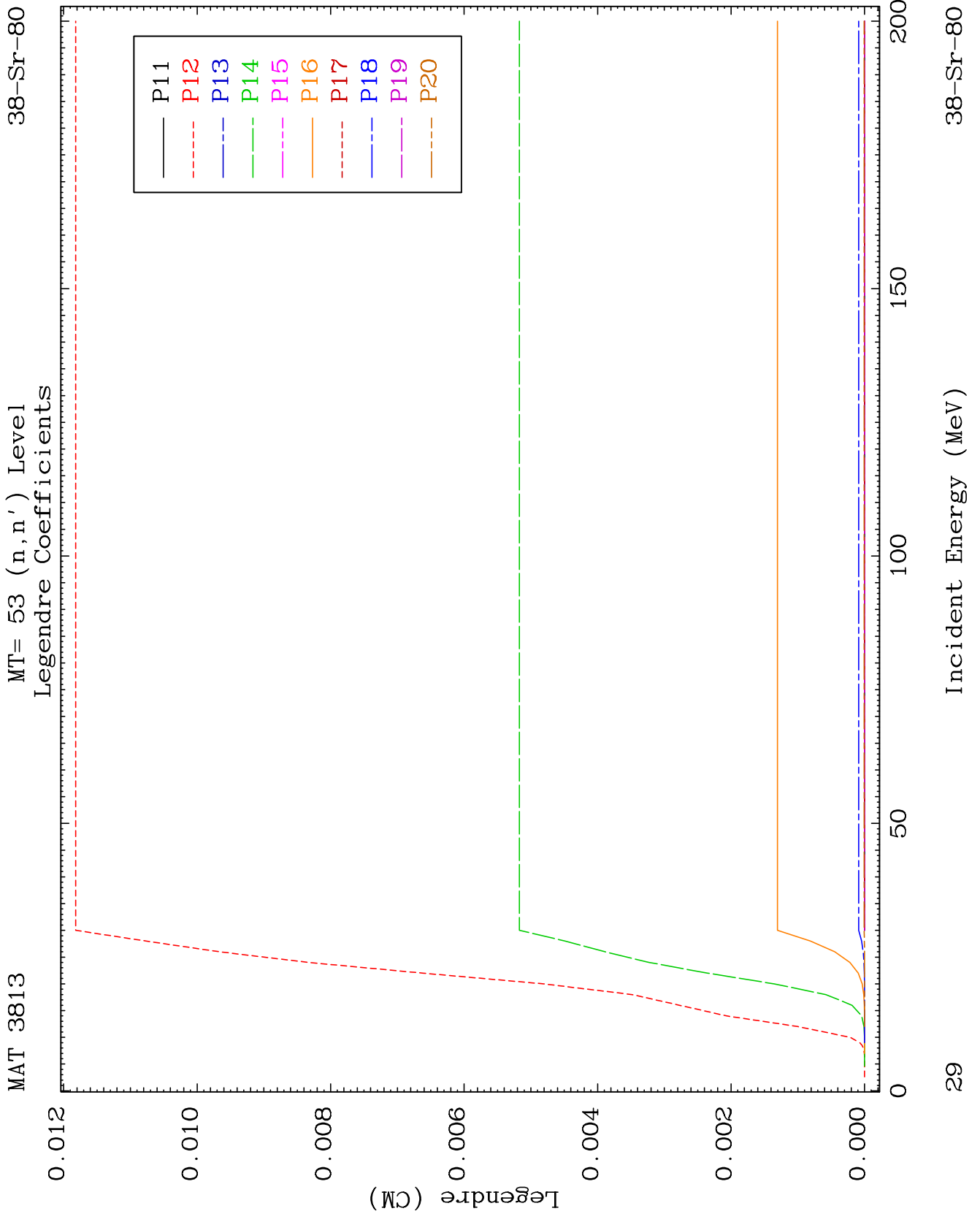


27

Incident Energy (MeV)

38-Sr-80

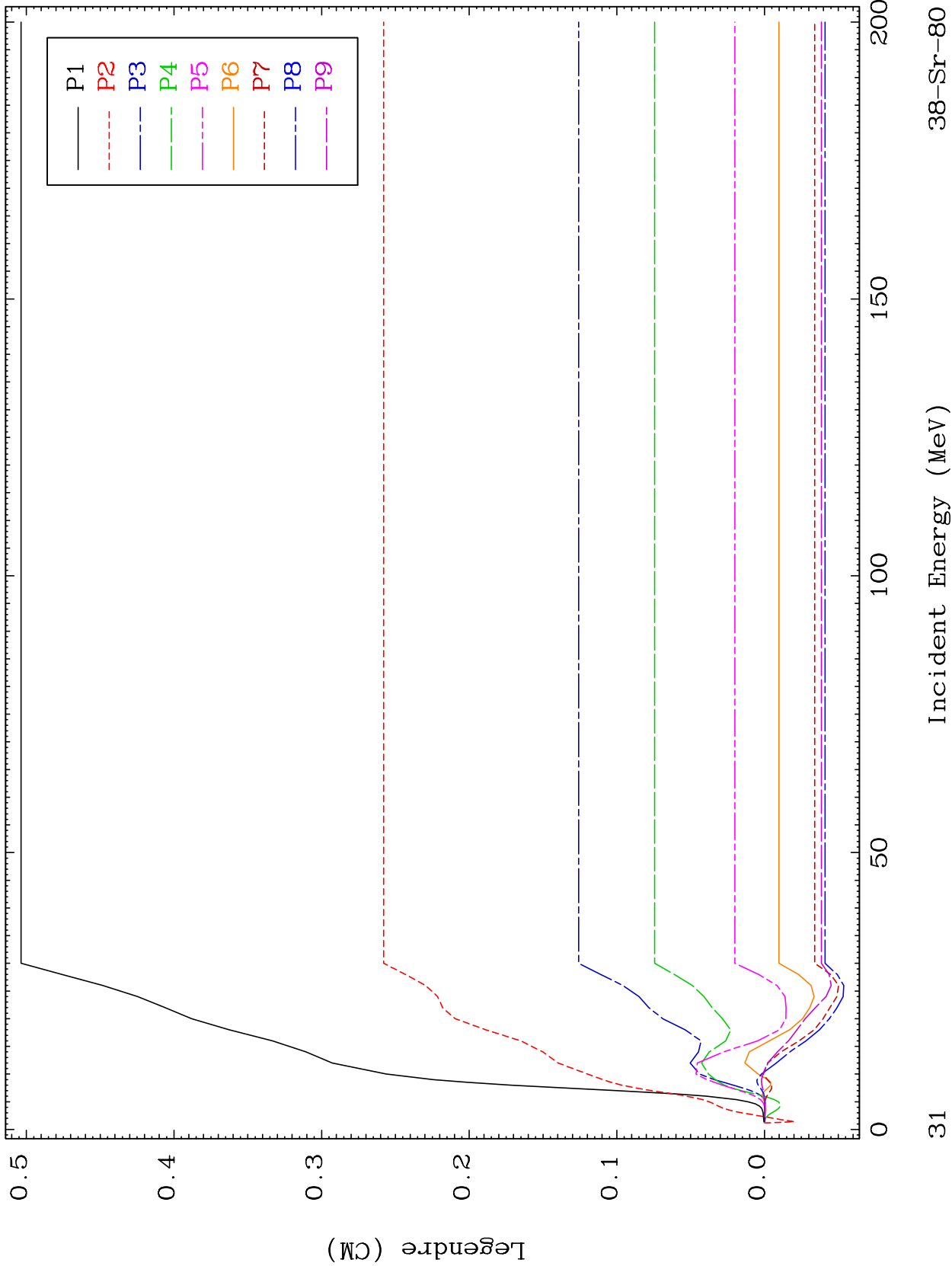




MAT 3813

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

38-Sr-80



31

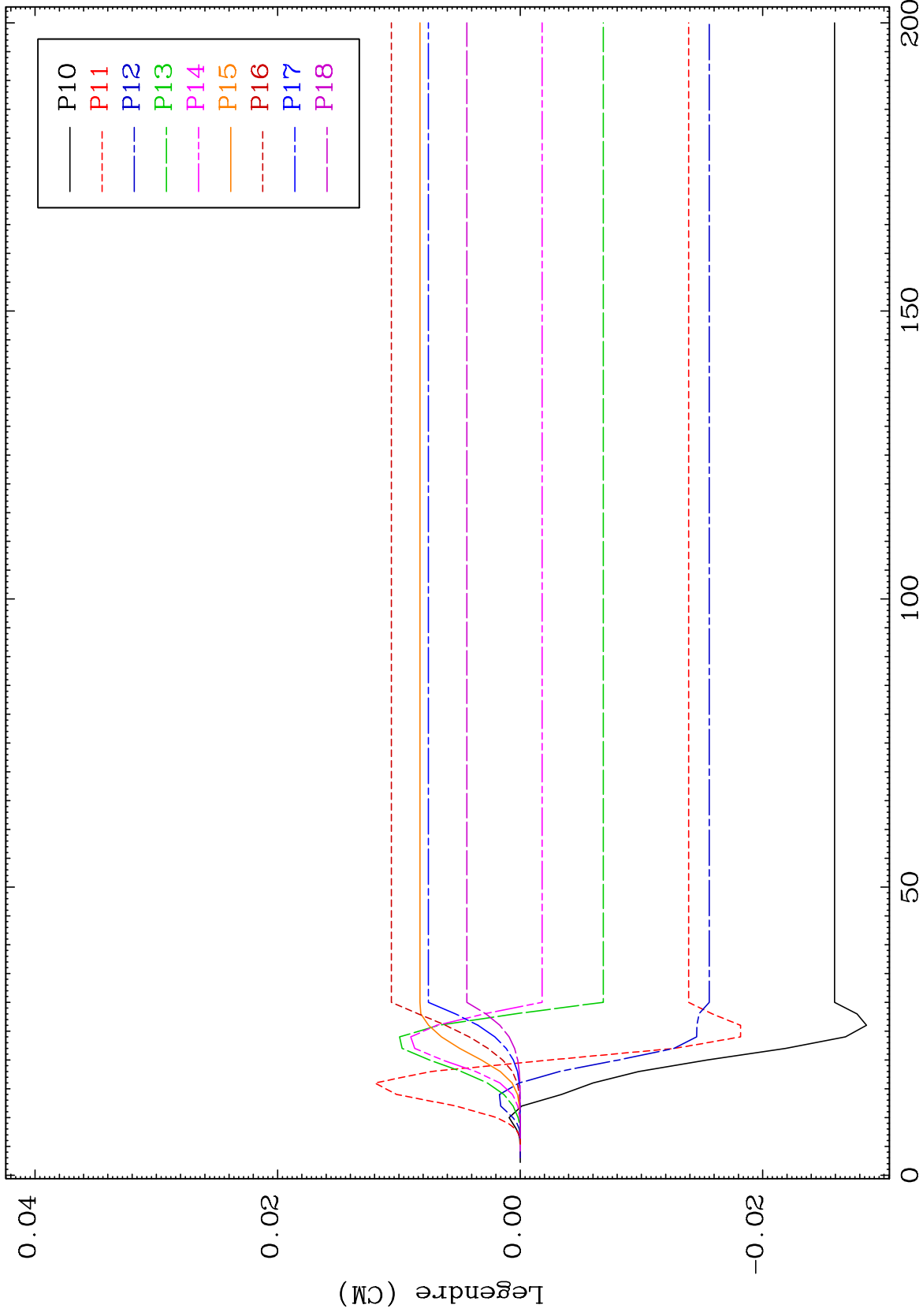
Incident Energy (MeV)

38-Sr-80

MAT 3813

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

38-Sr-80



32

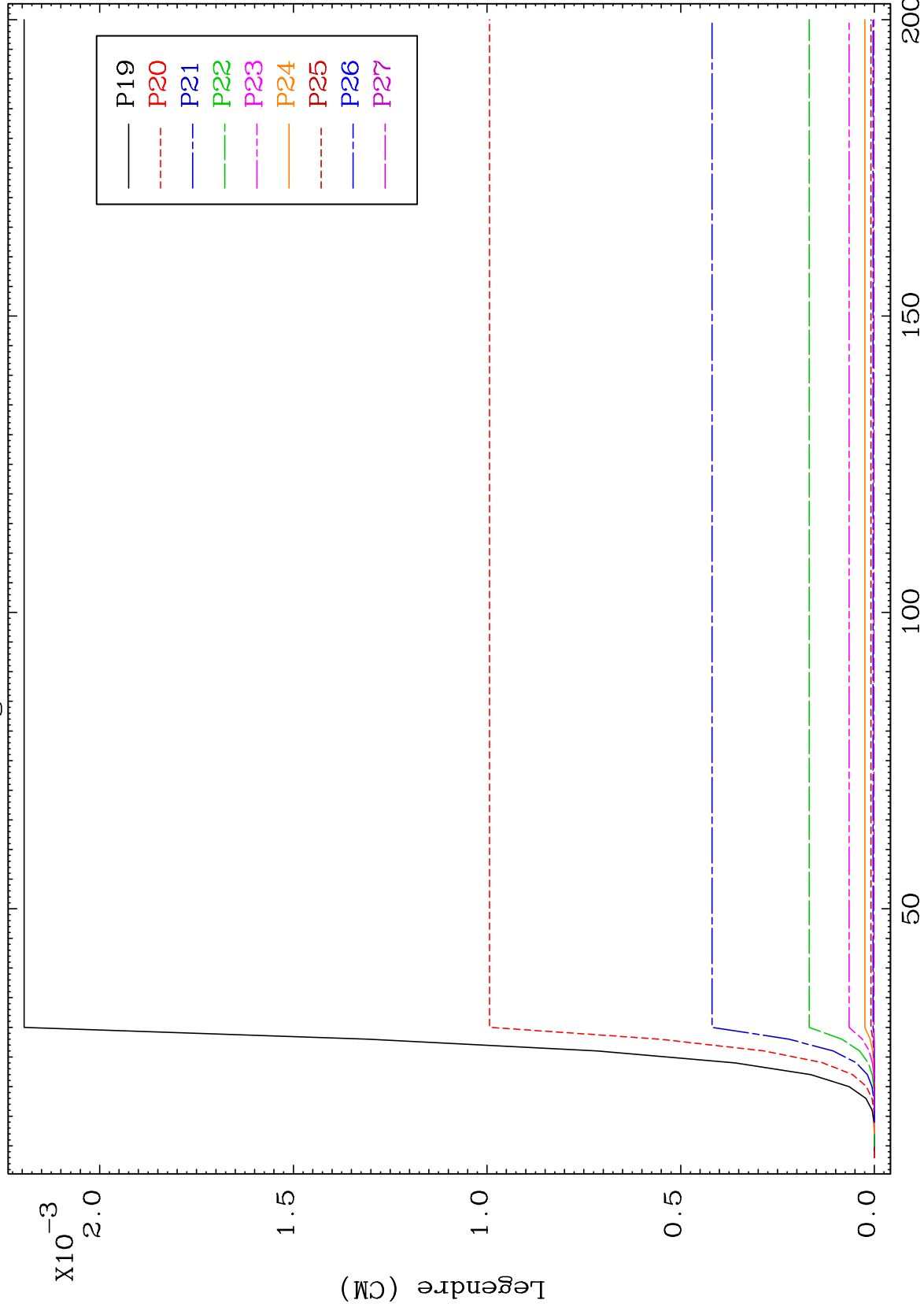
Incident Energy (MeV)

38-Sr-80

MAT 3813

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

38-Sr-80



33

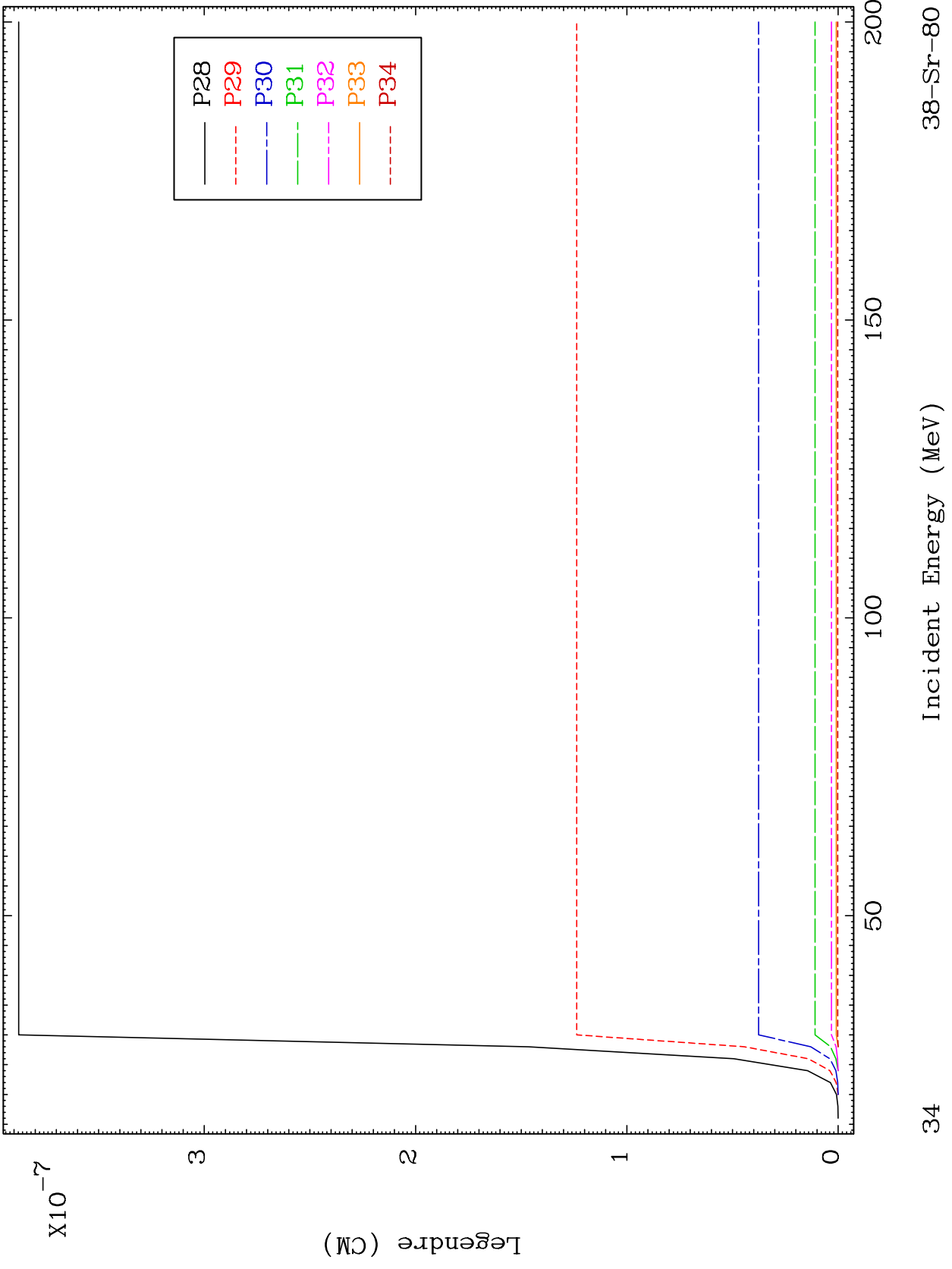
Incident Energy (MeV)

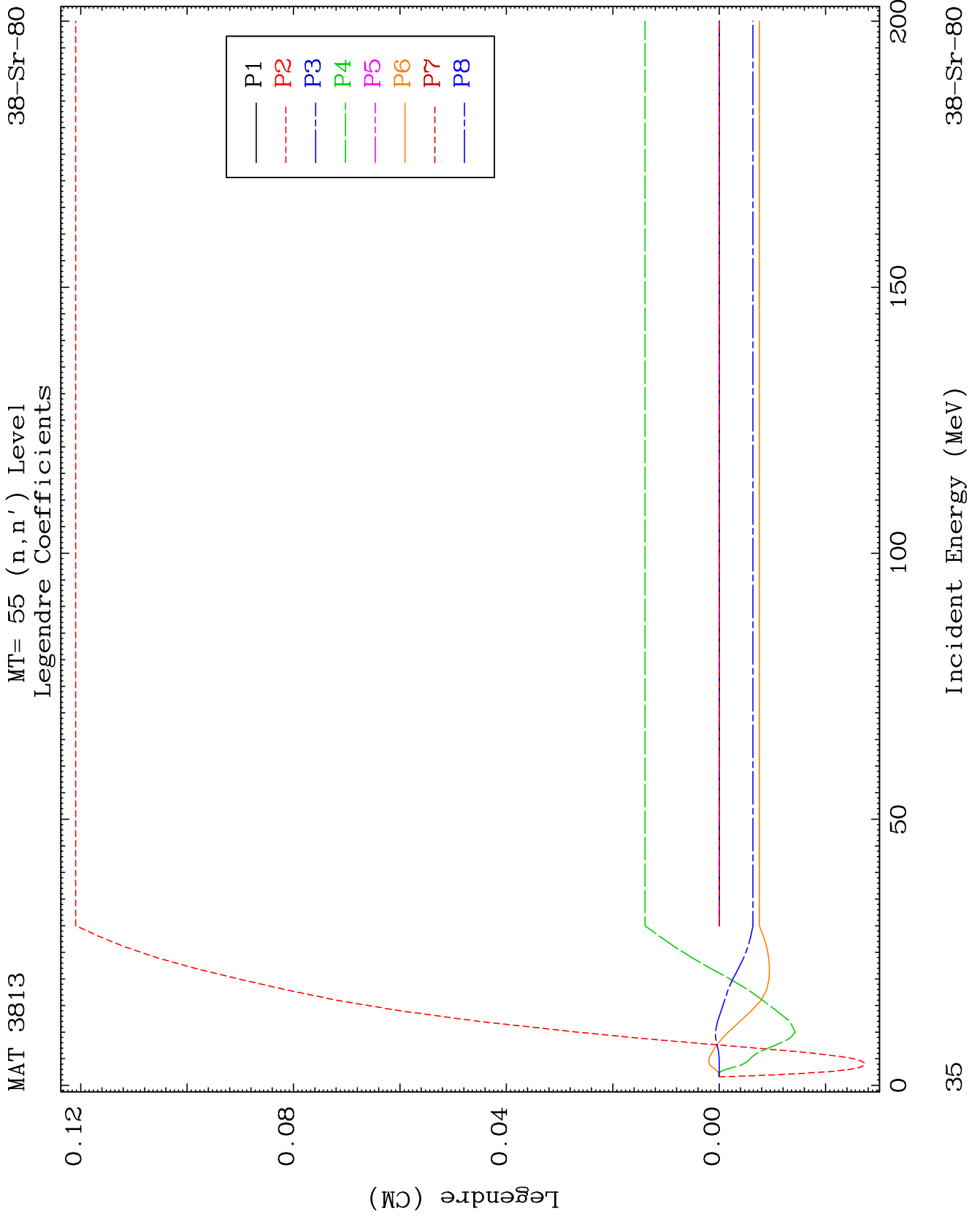
38-Sr-80

MAT 3813

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

38-Sr-80

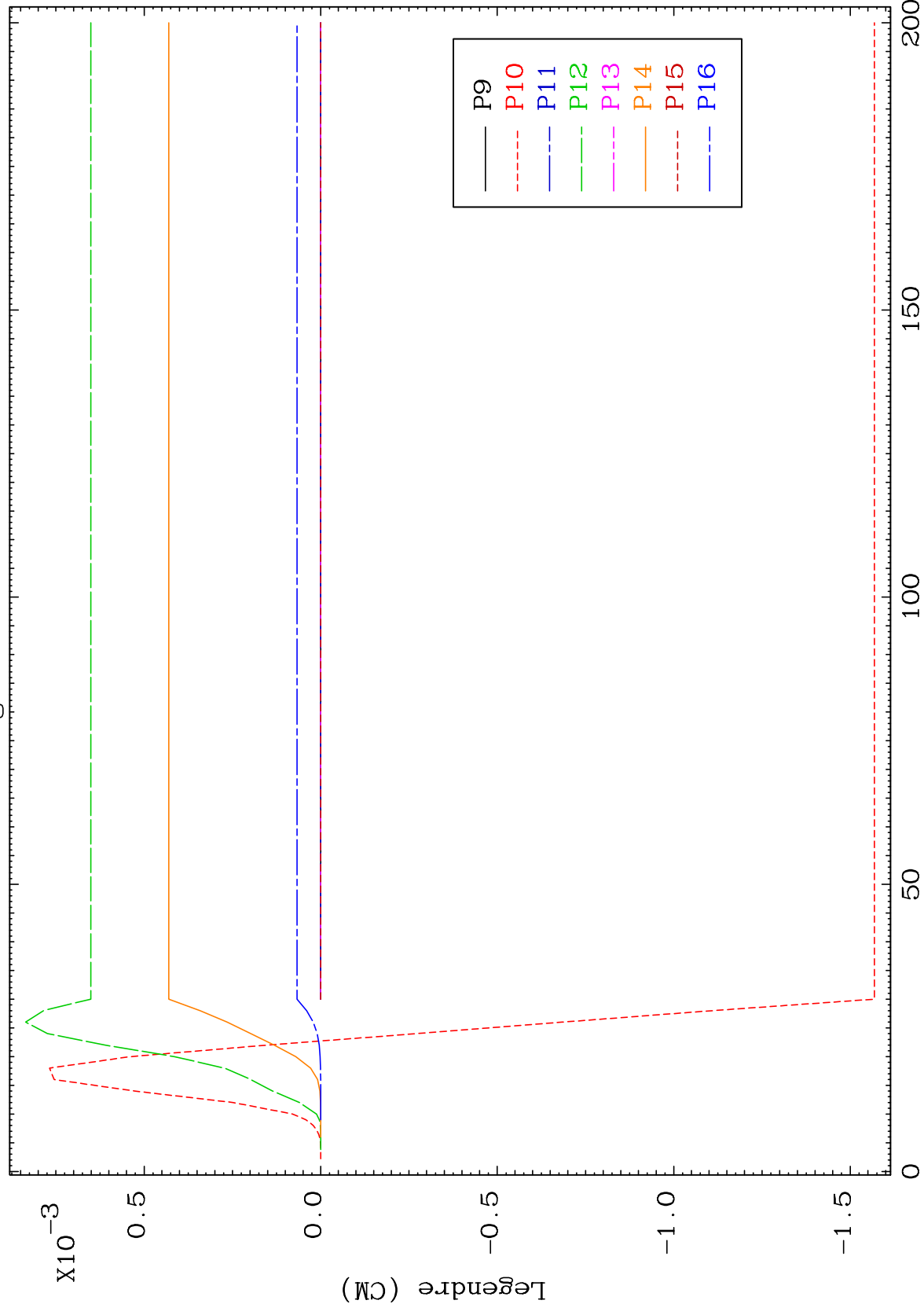




MAT 3813

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

38-Sr-80



36

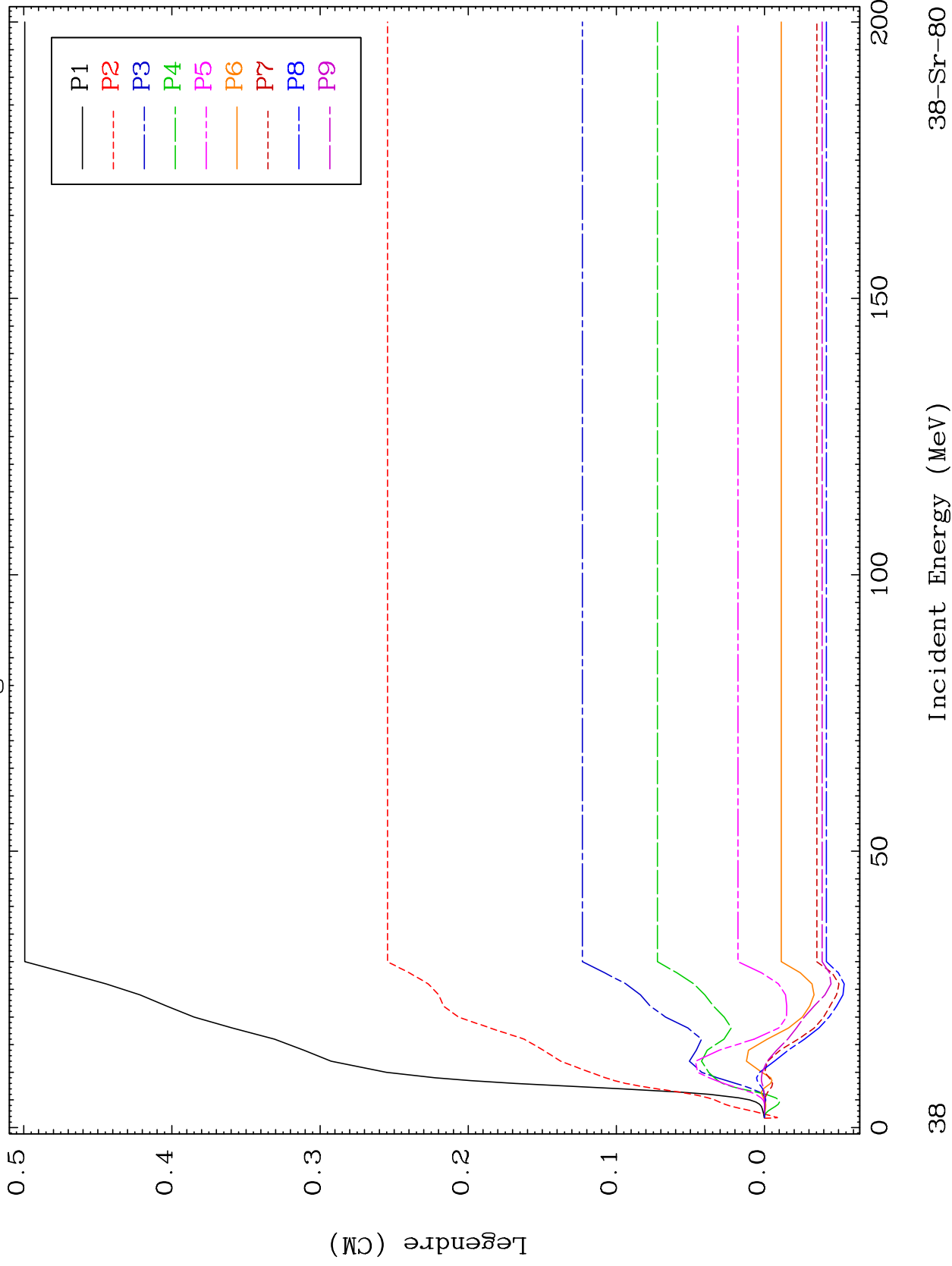
Incident Energy (MeV)

38-Sr-80

MAT 3813

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

38-Sr-80



38

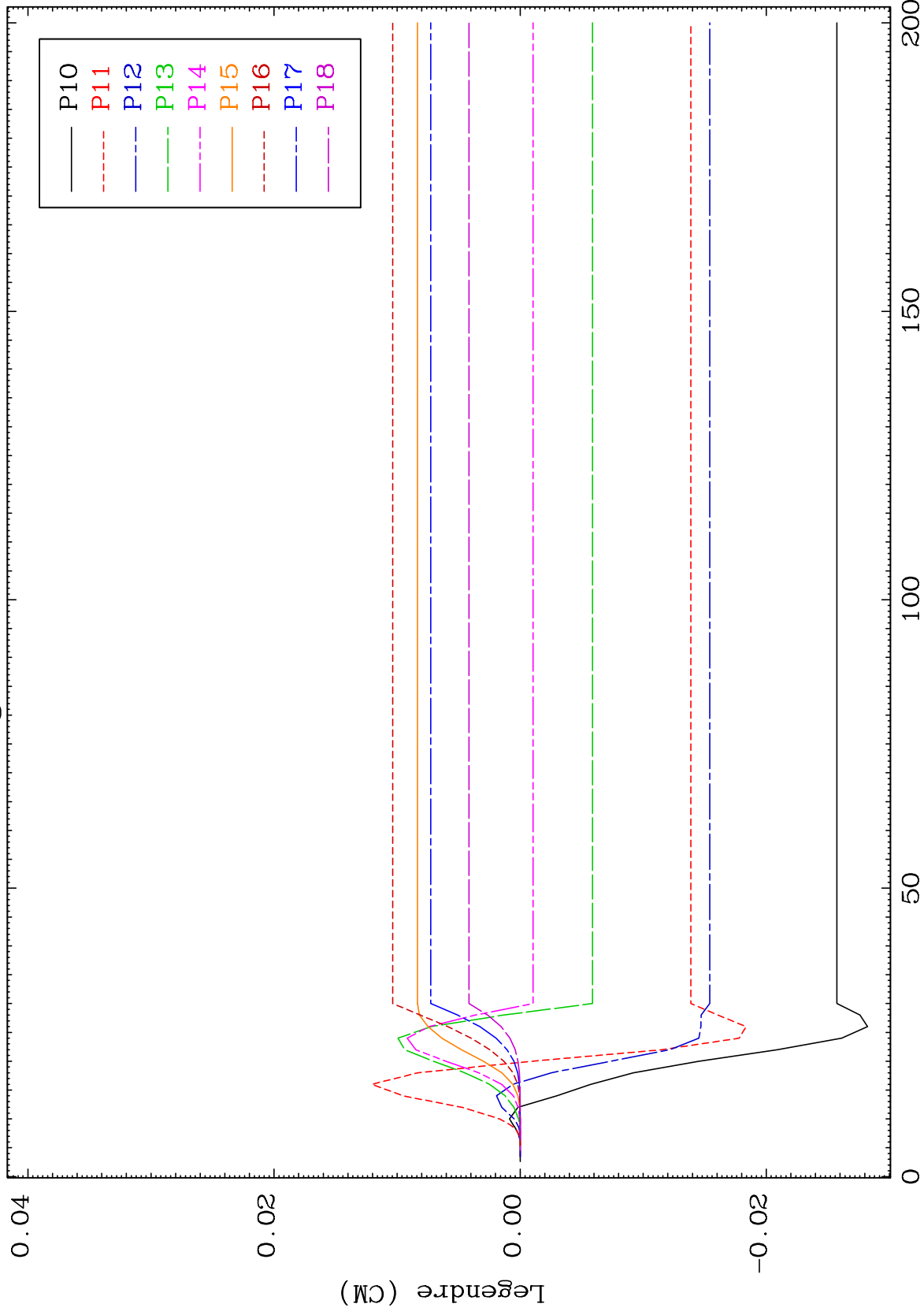
Incident Energy (MeV)

38-Sr-80

MAT 3813

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

38-Sr-80



39

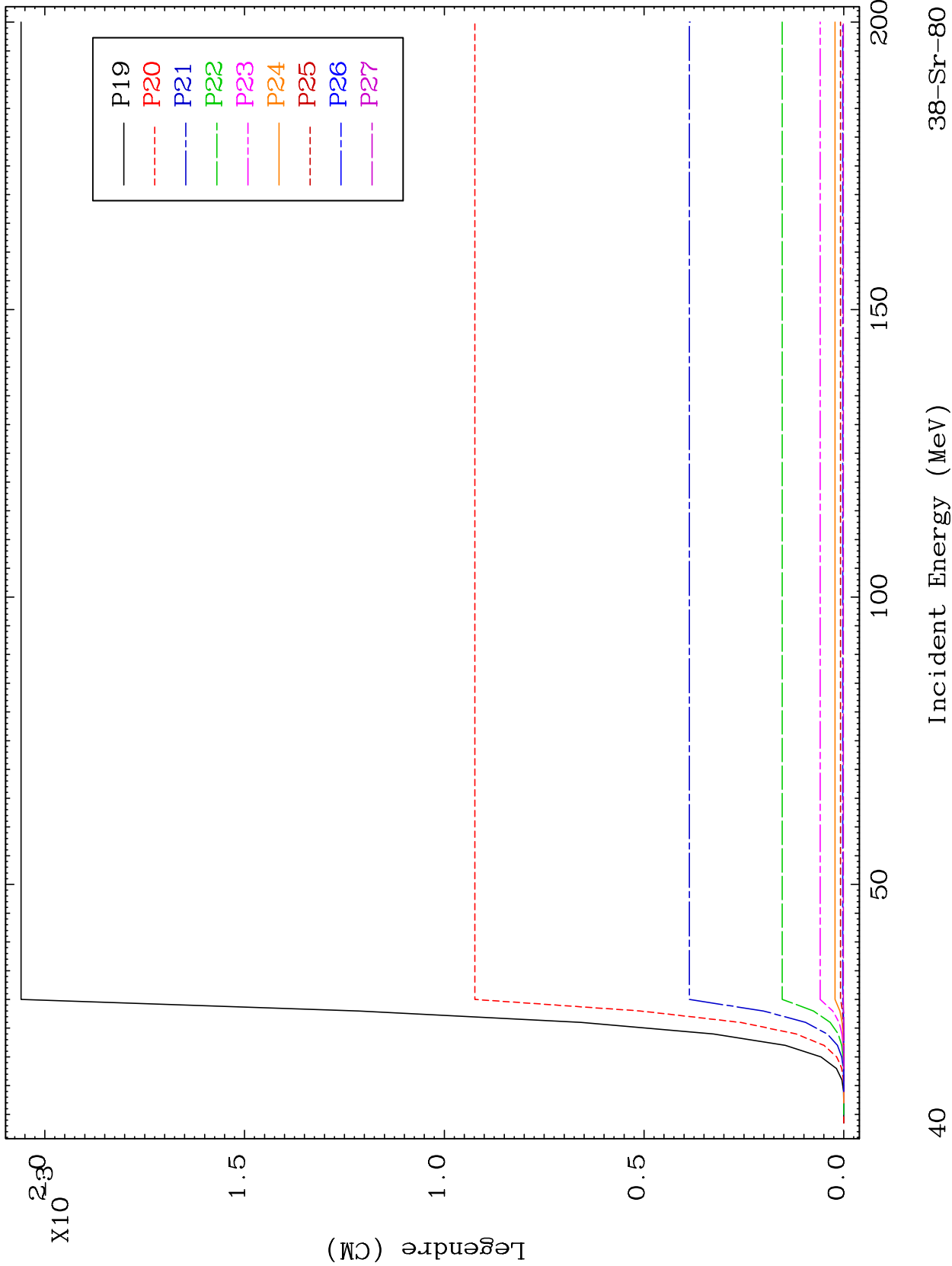
Incident Energy (MeV)

38-Sr-80

MAT 3813

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

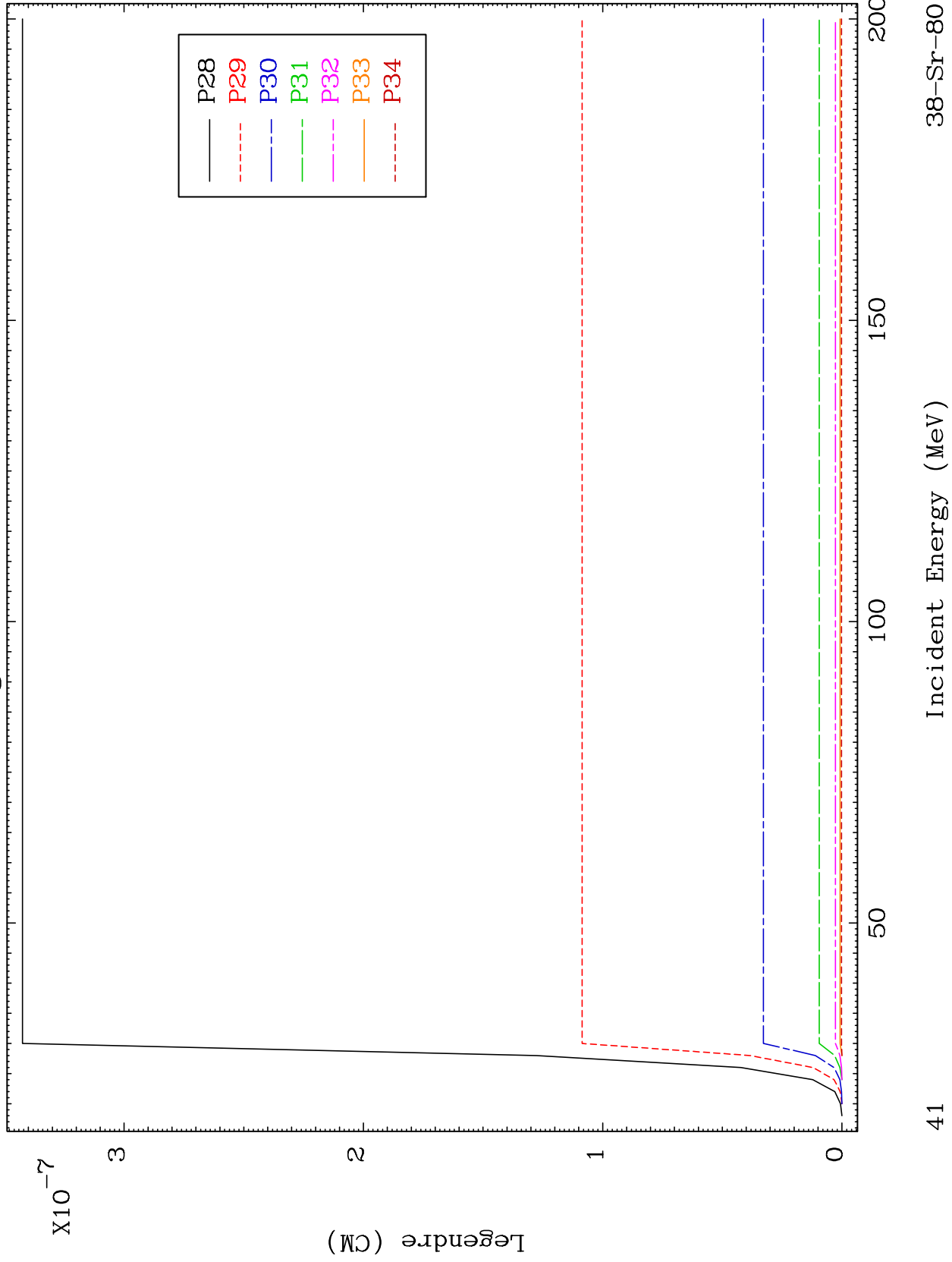
38-Sr-80



MAT 3813

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

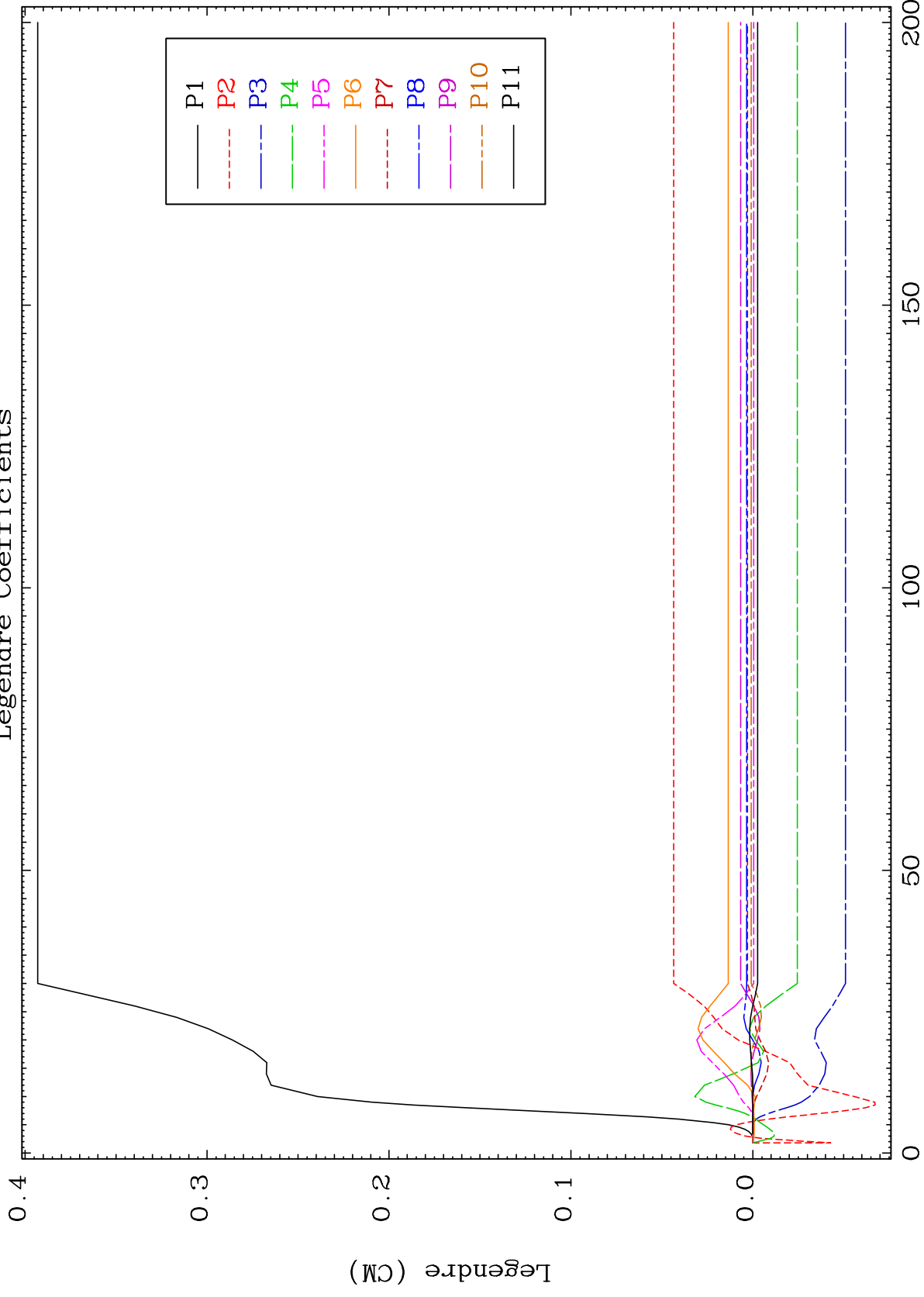
38-Sr-80



MAT 3813

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

38-Sr-80



38-Sr-80

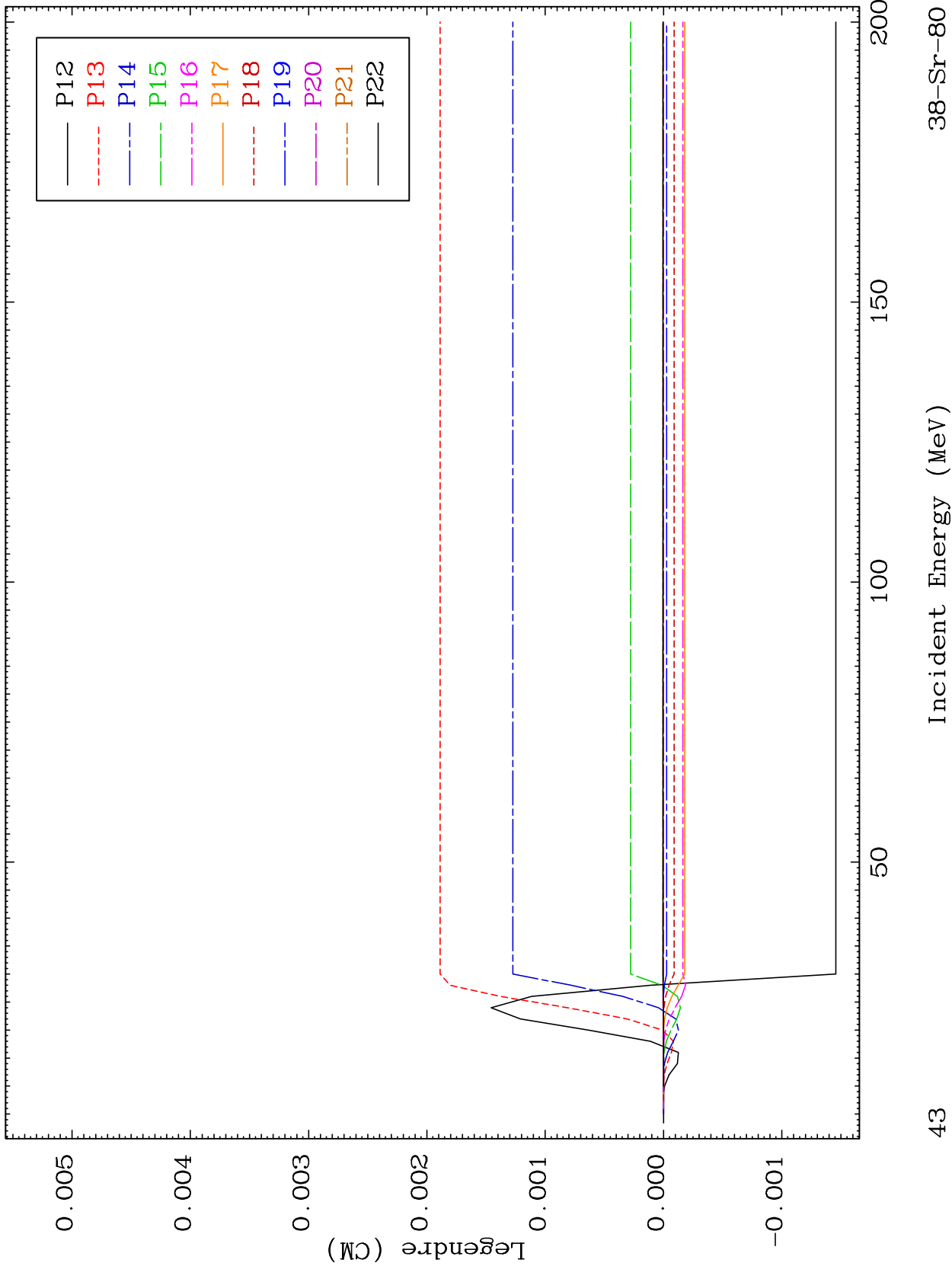
Incident Energy (MeV)

42

MAT 3813

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

38-Sr-80



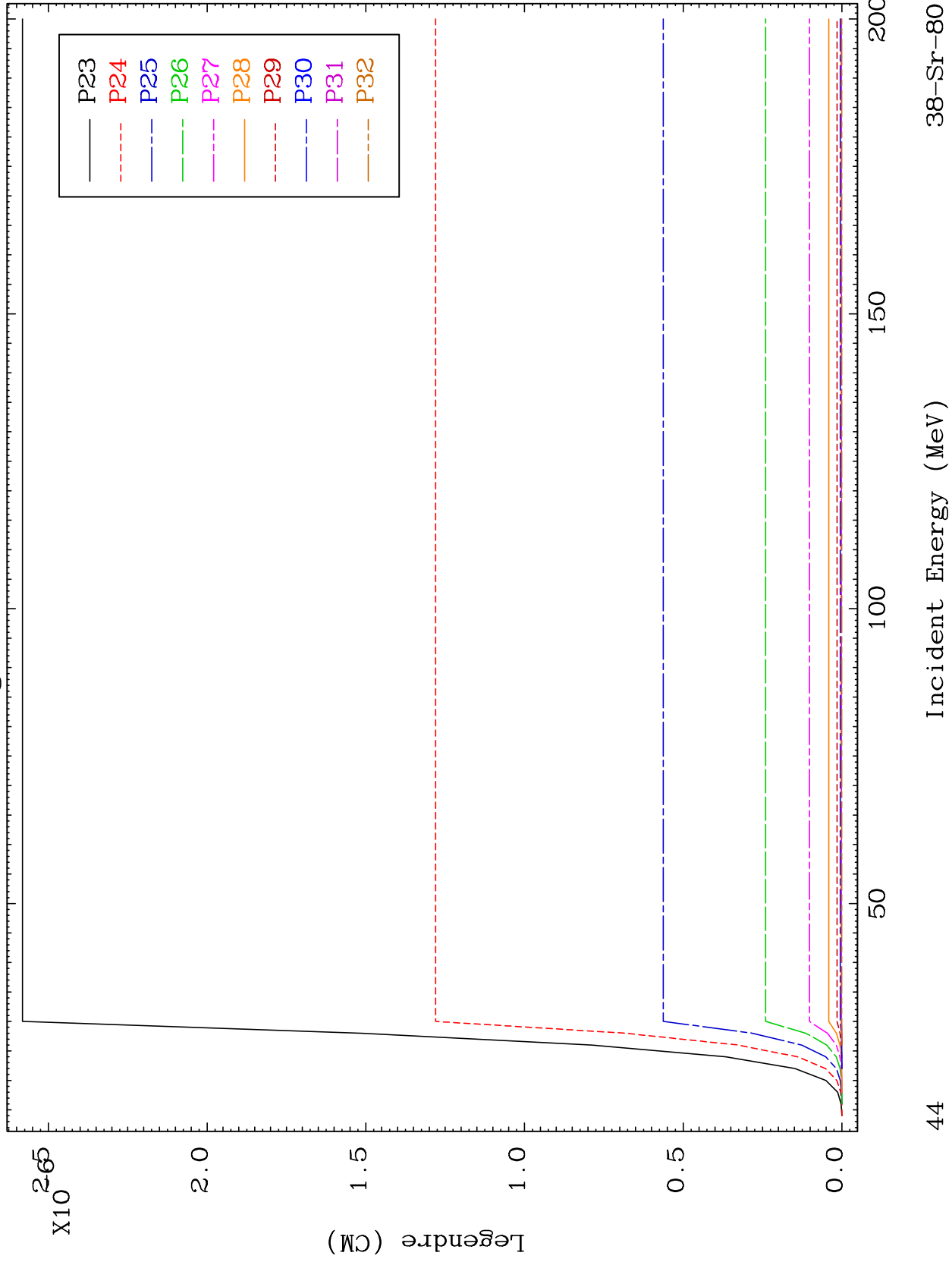
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38-Sr-80

MAT 3813

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

38-Sr-80



44

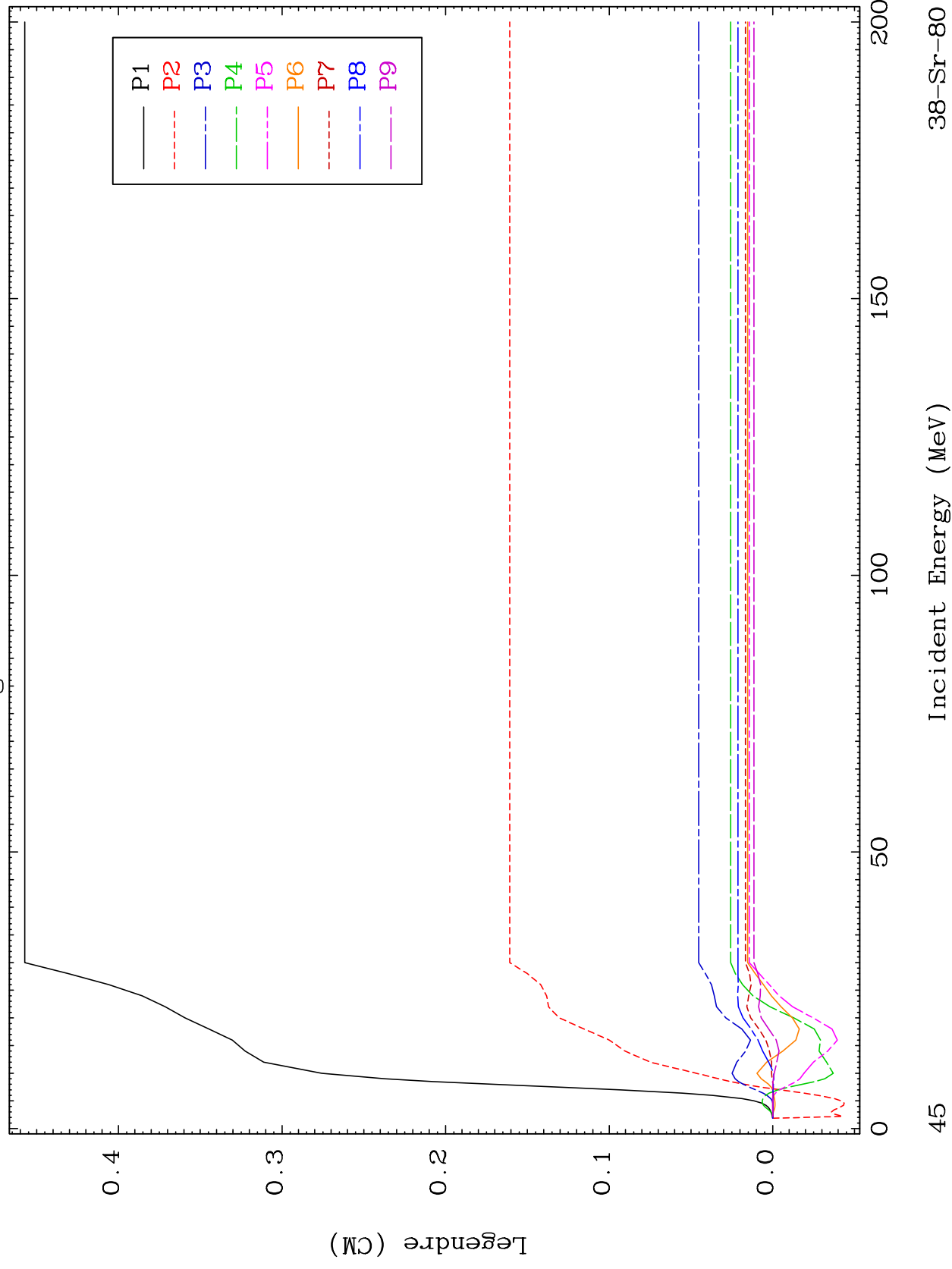
Incident Energy (MeV)

38-Sr-80

MAT 3813

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

38-Sr-80



38-Sr-80

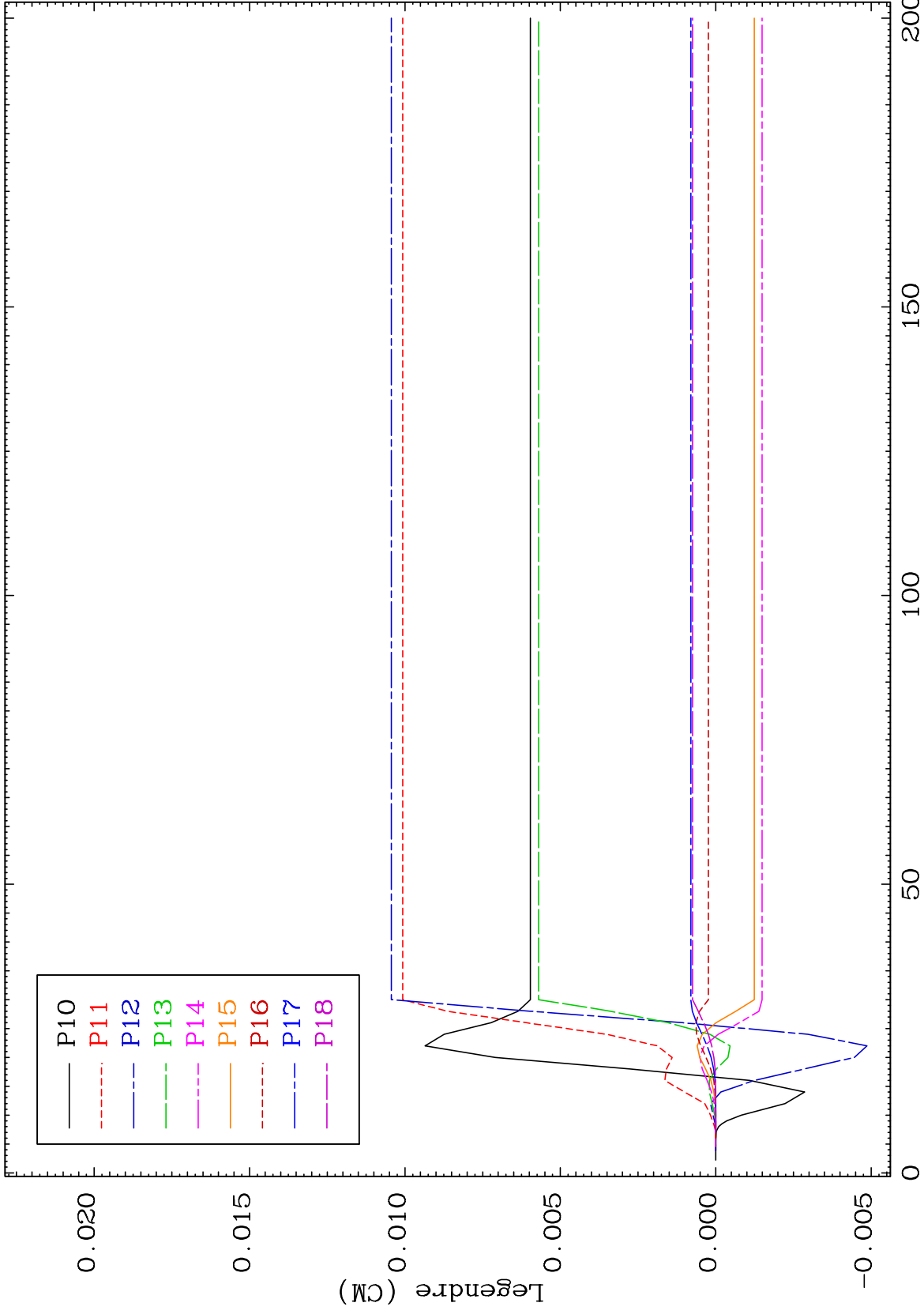
Incident Energy (MeV)

45

MAT 3813

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

38-Sr-80



46

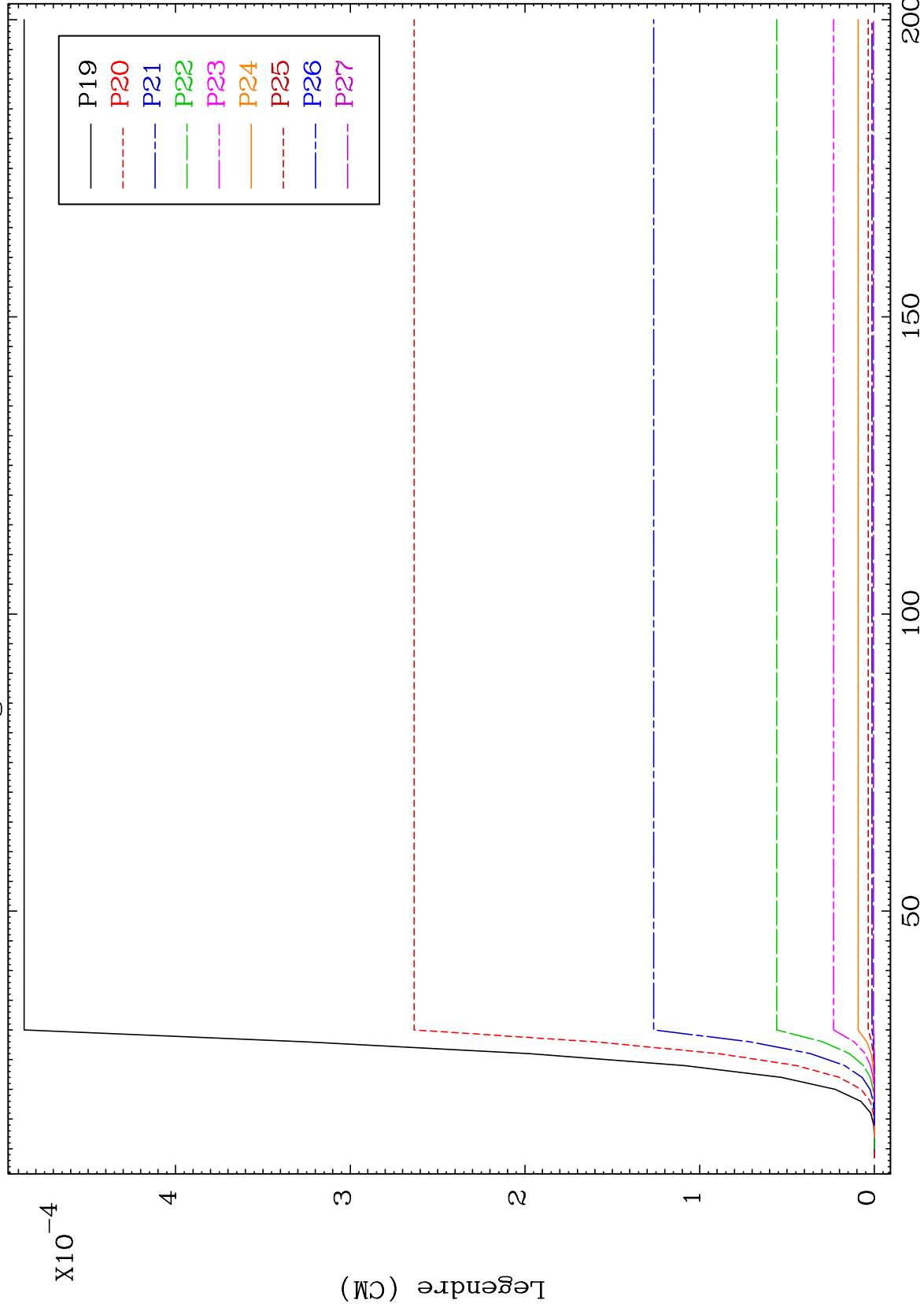
Incident Energy (MeV)

38-Sr-80

MAT 3813

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

38-Sr-80



47

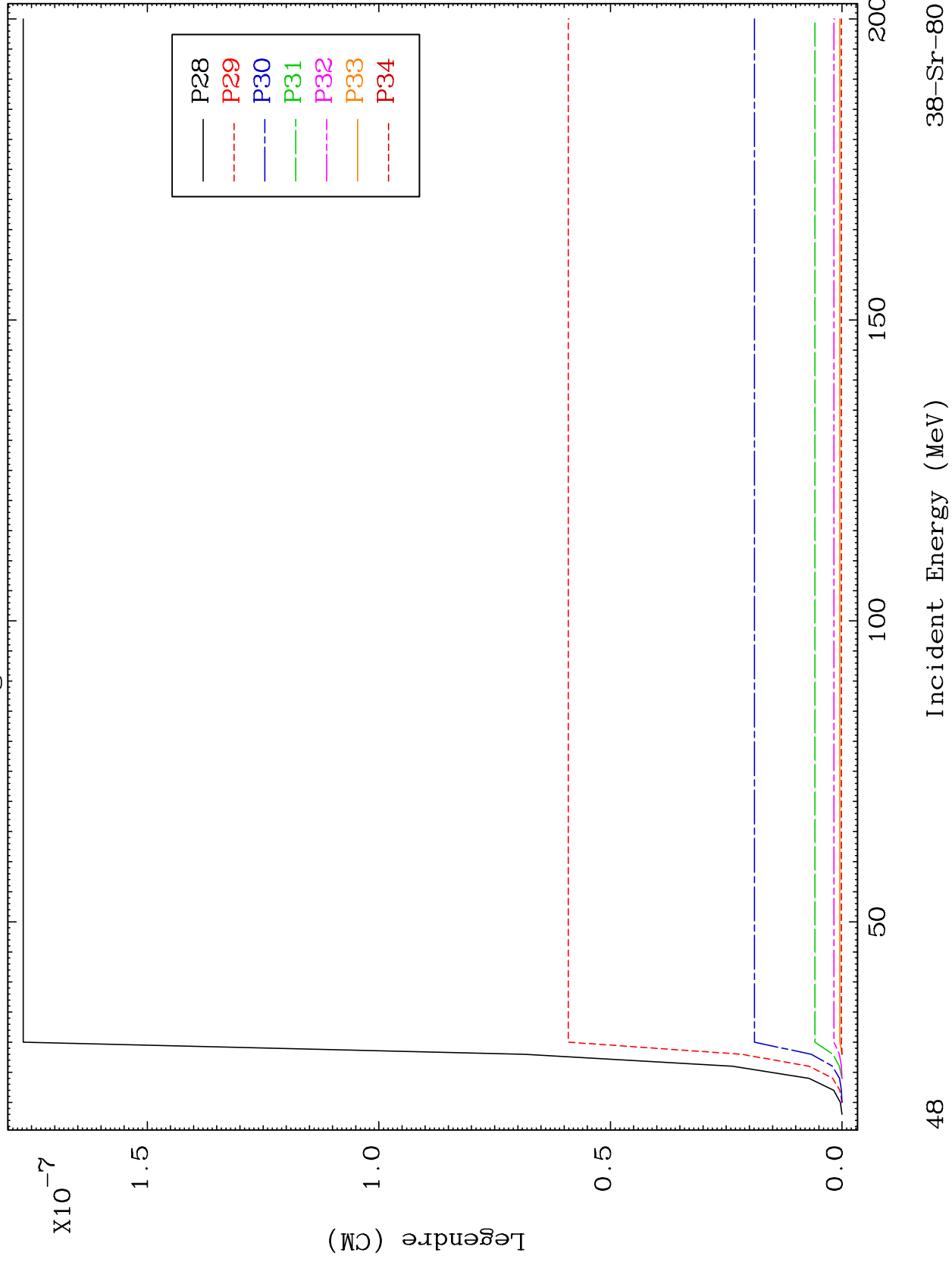
Incident Energy (MeV)

38-Sr-80

MAT 3813

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

38-Sr-80



48

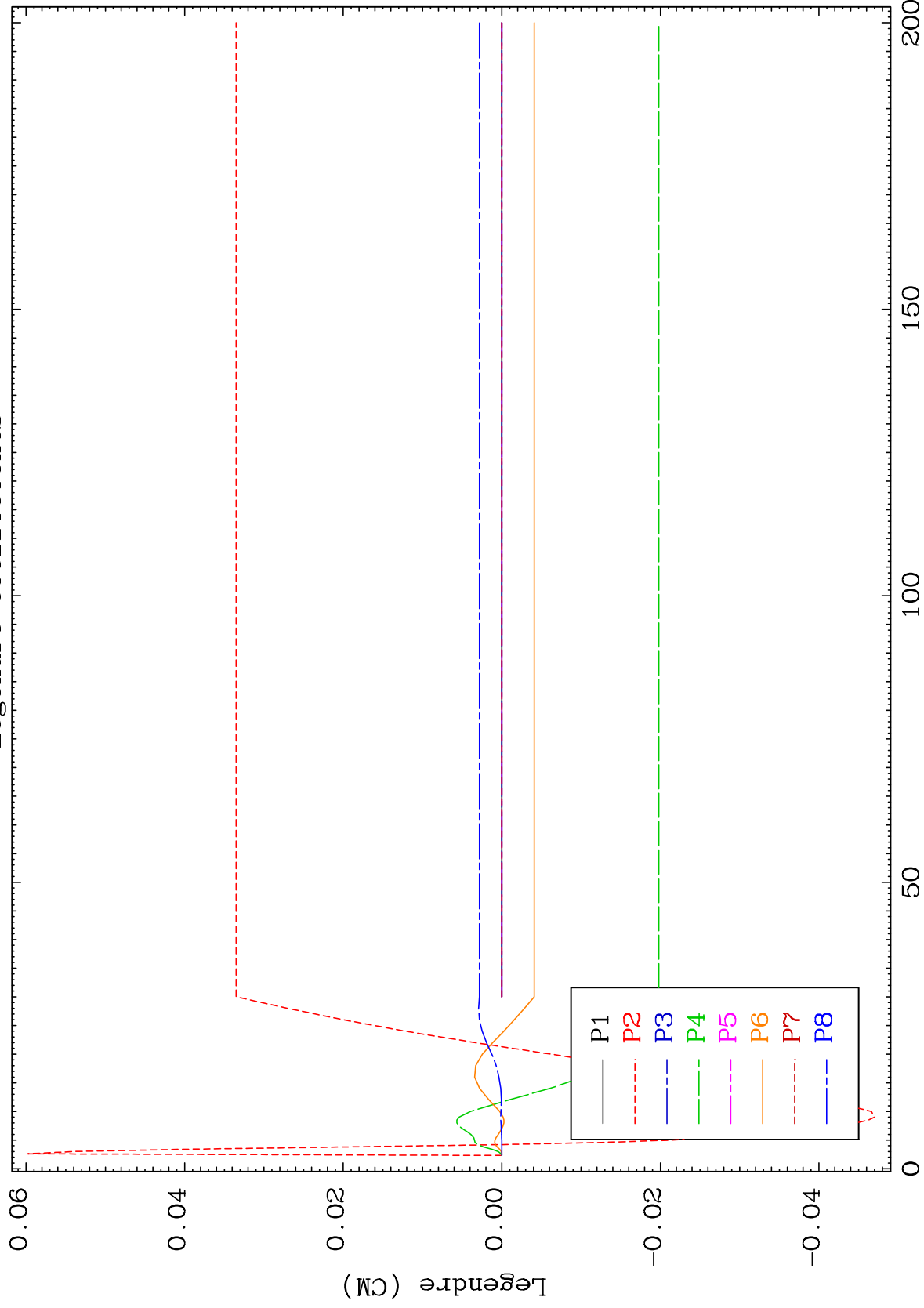
Incident Energy (MeV)

38-Sr-80

MAT 3813

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

38-Sr-80



49

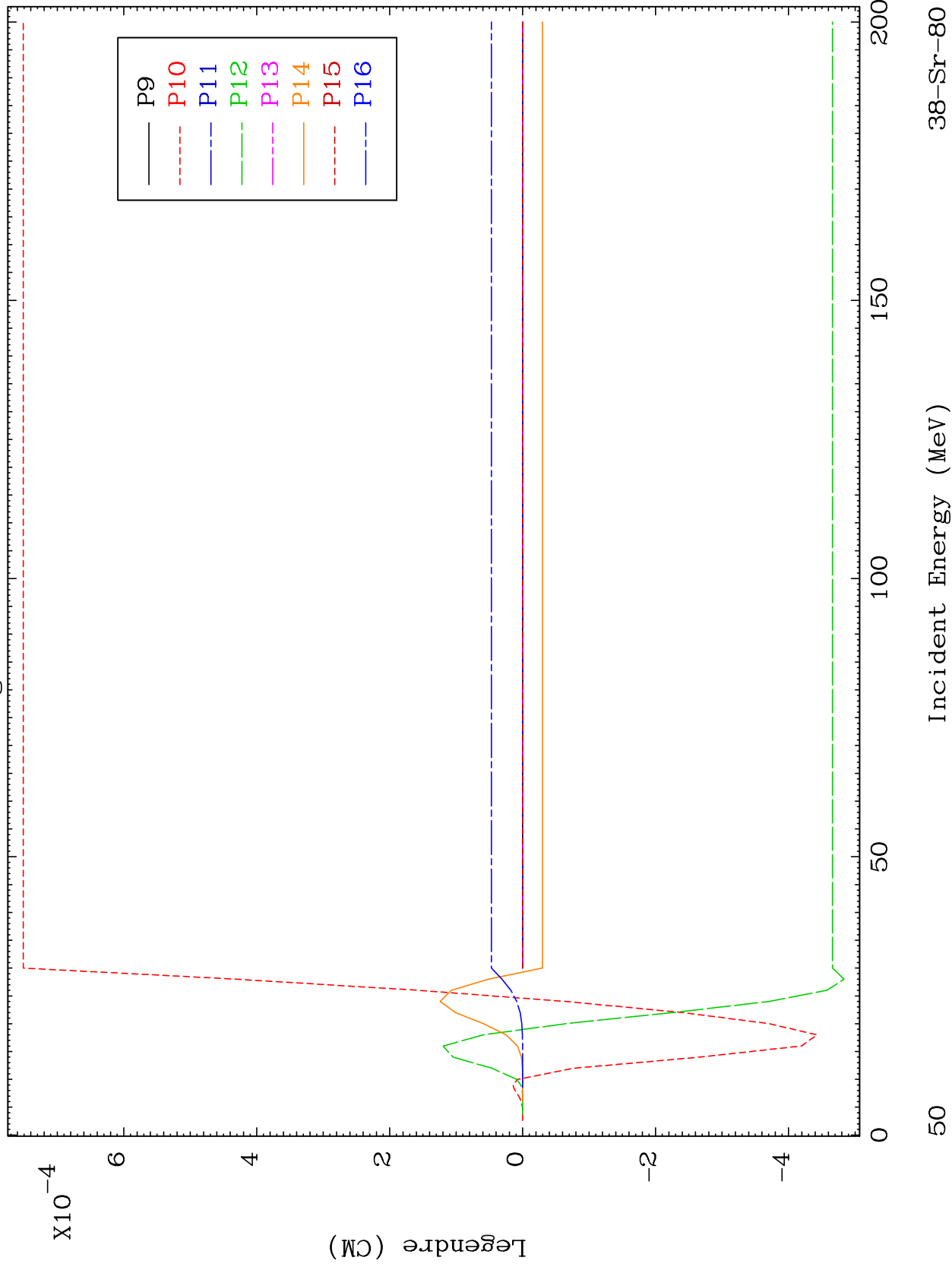
Incident Energy (MeV)

38-Sr-80

MAT 3813

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

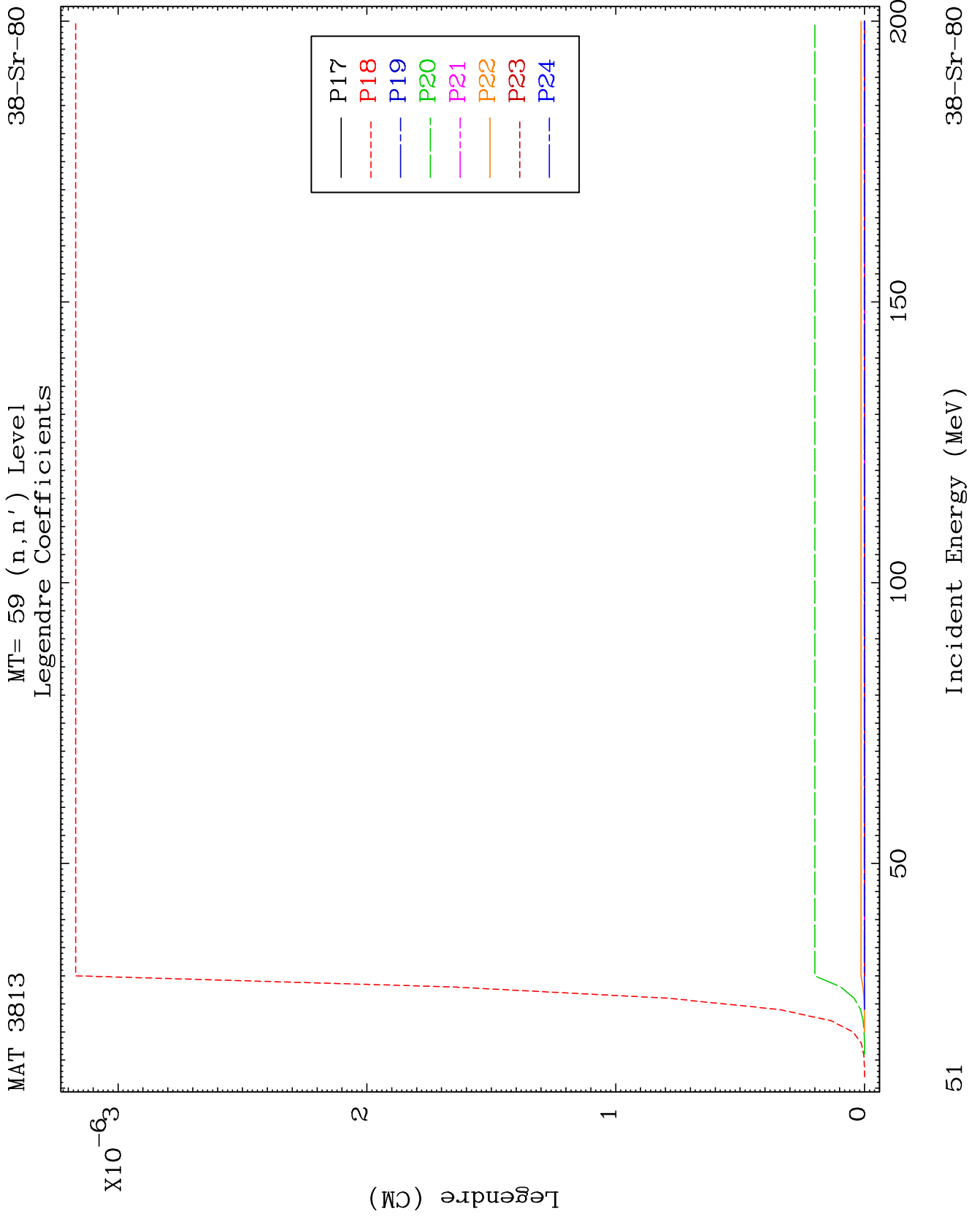
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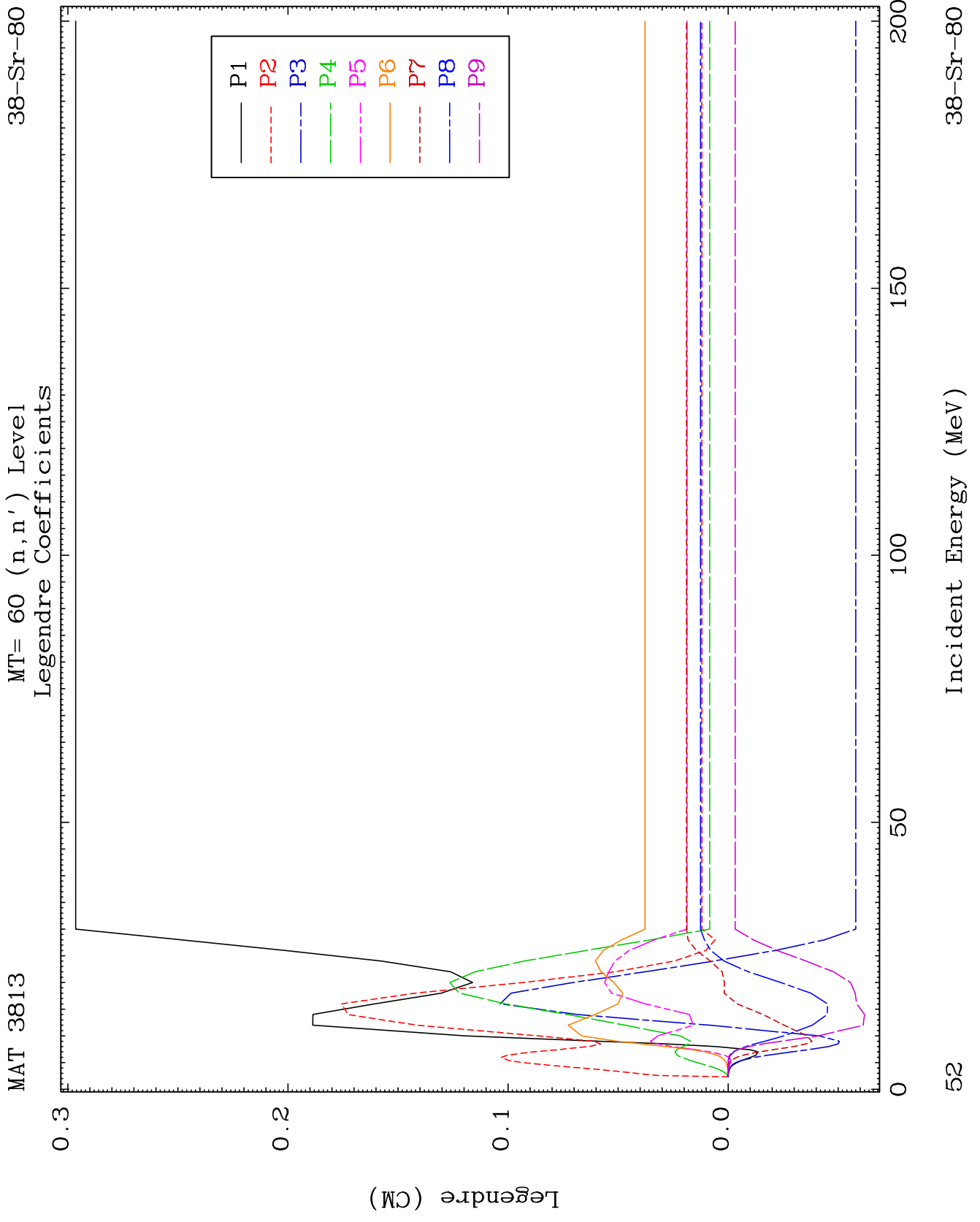


38-Sr-80

Incident Energy (MeV)

50

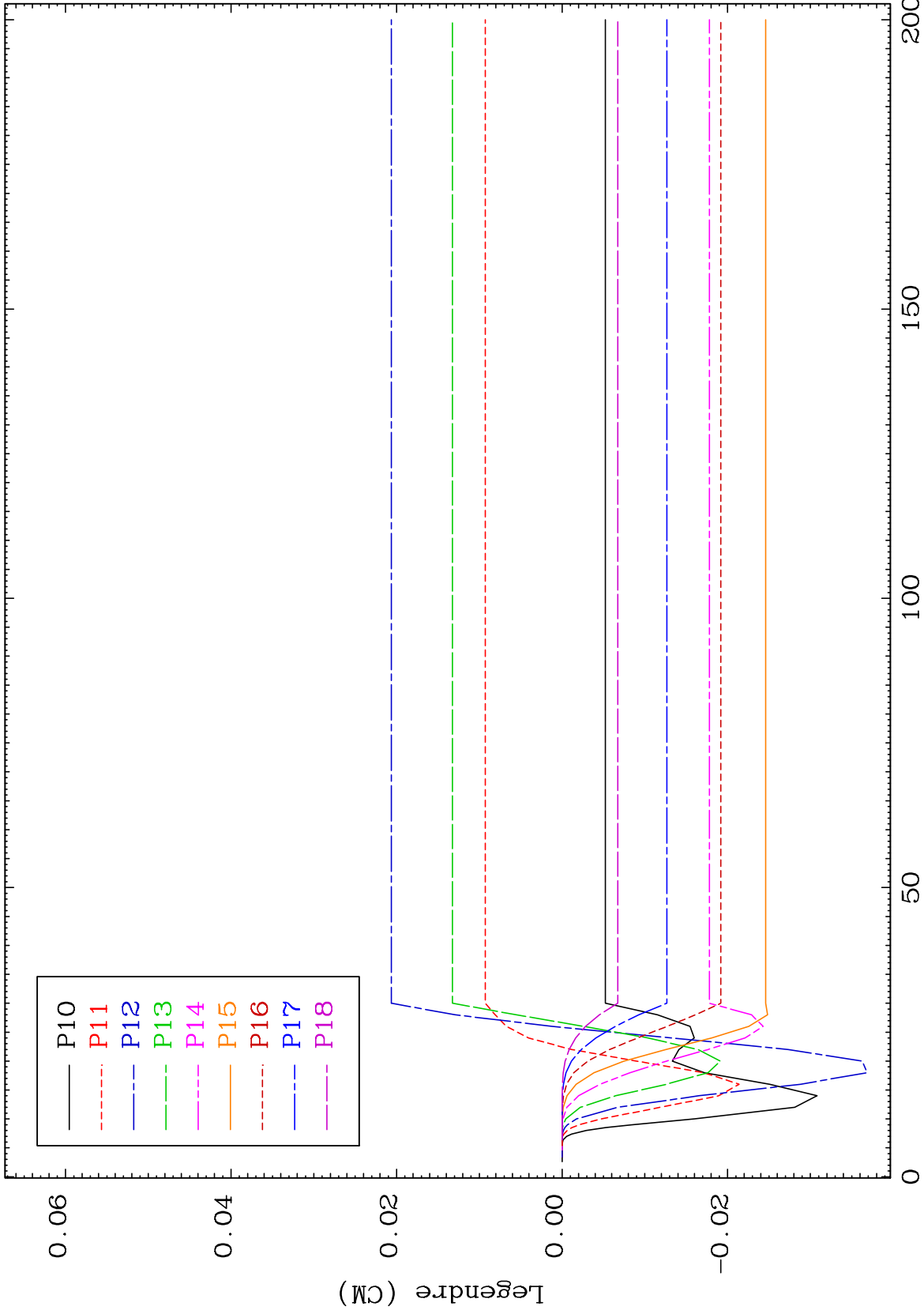




MAT 3813

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

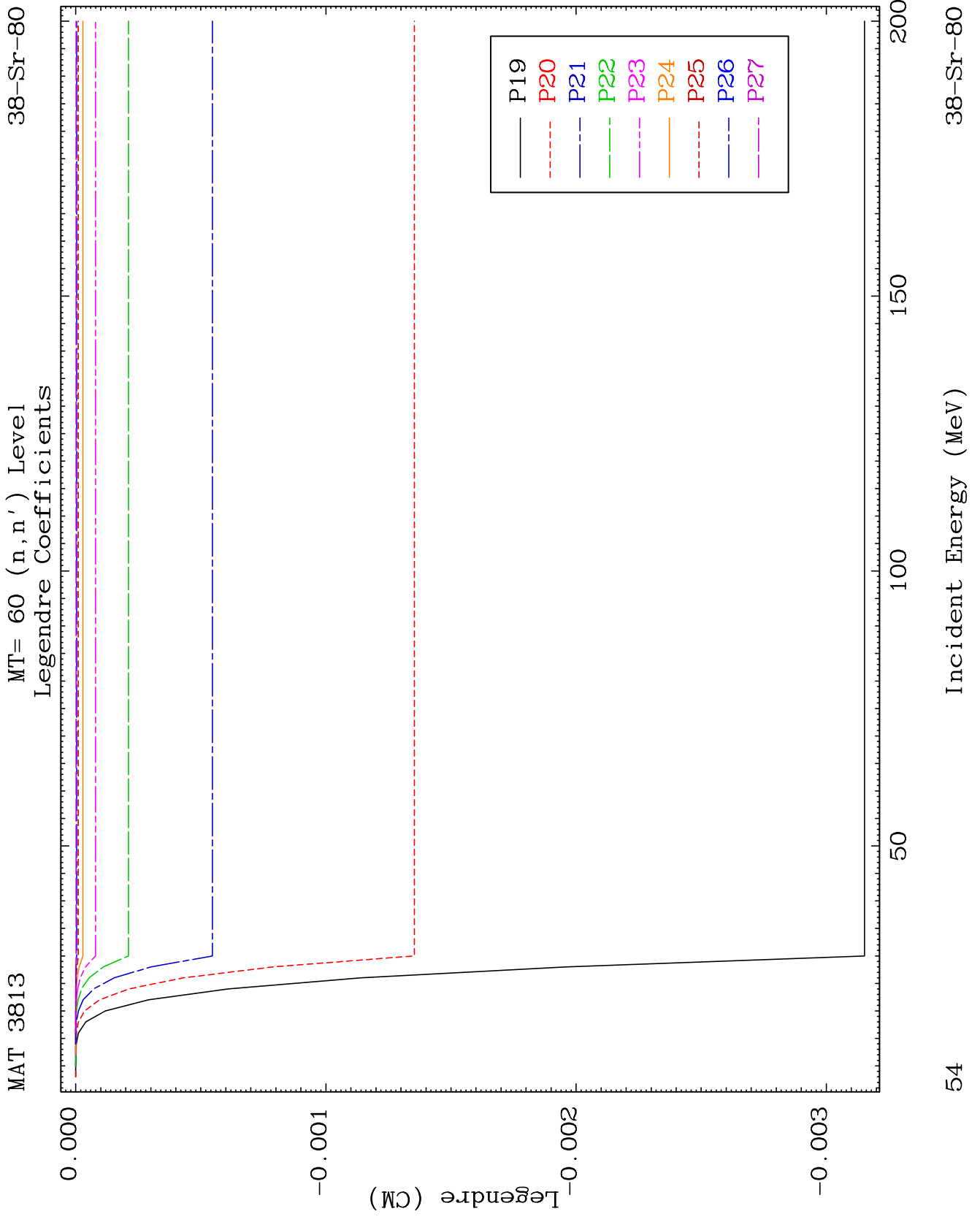
38-Sr-80

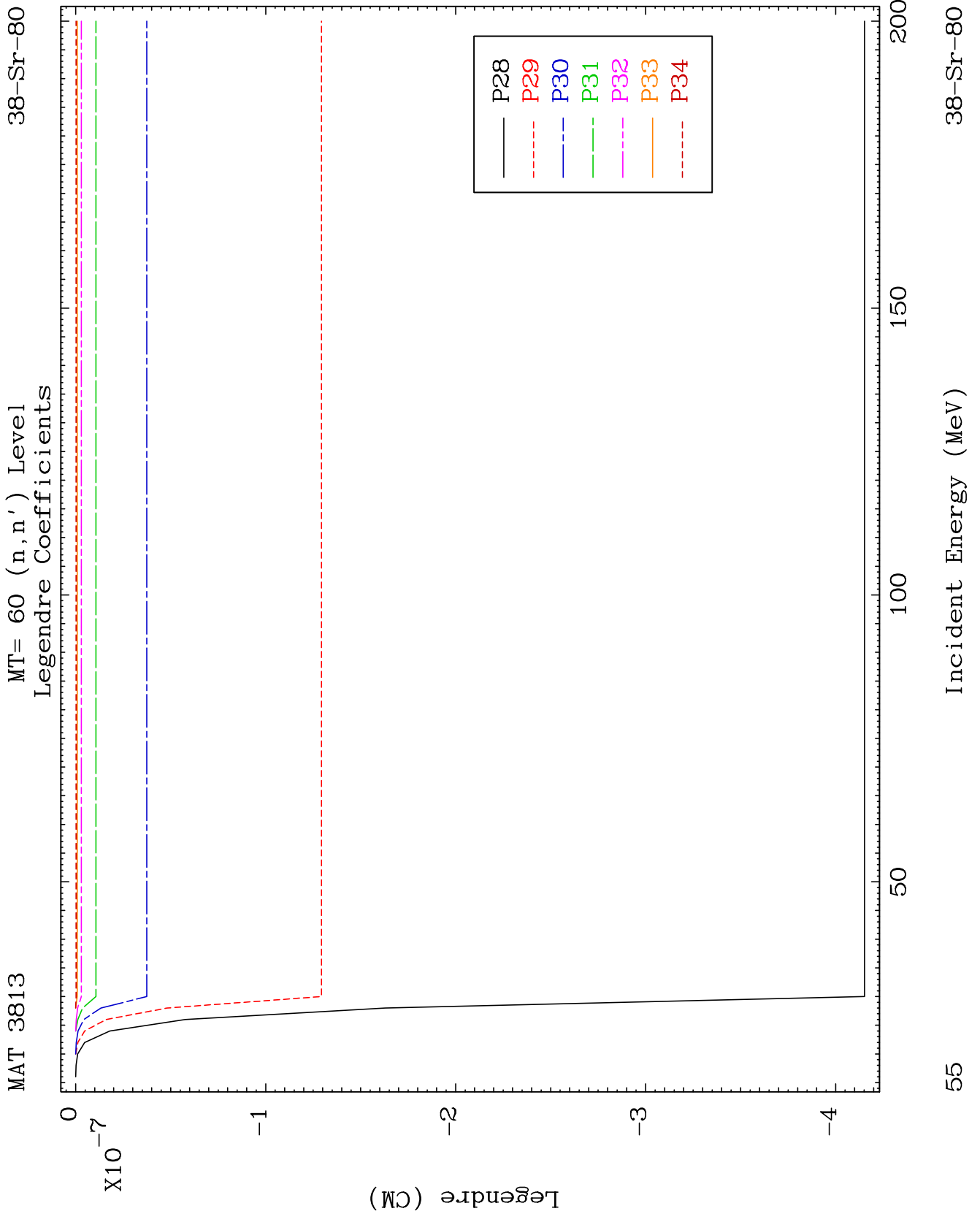


53

Incident Energy (MeV)

38-Sr-80

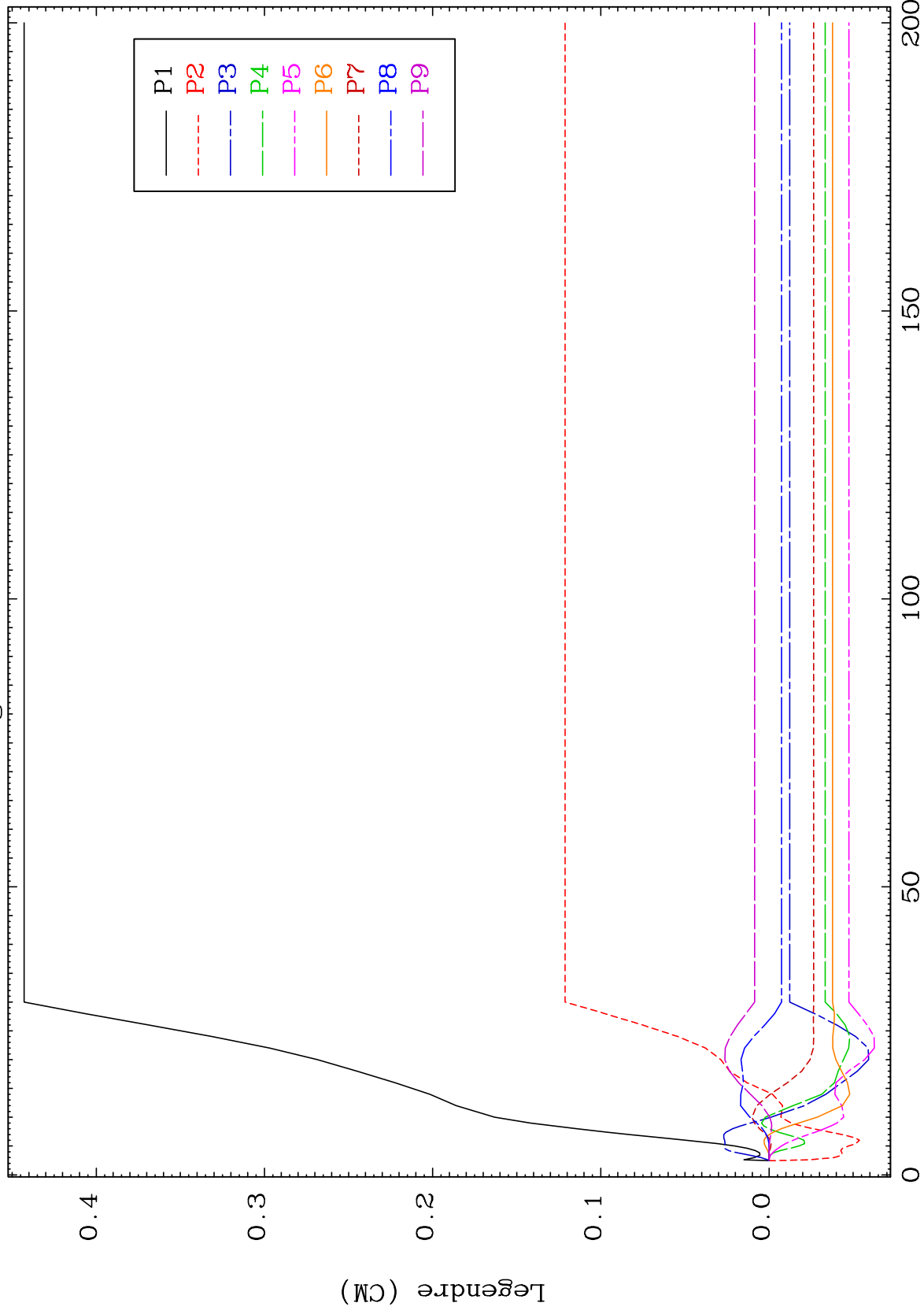




MAT 3813

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

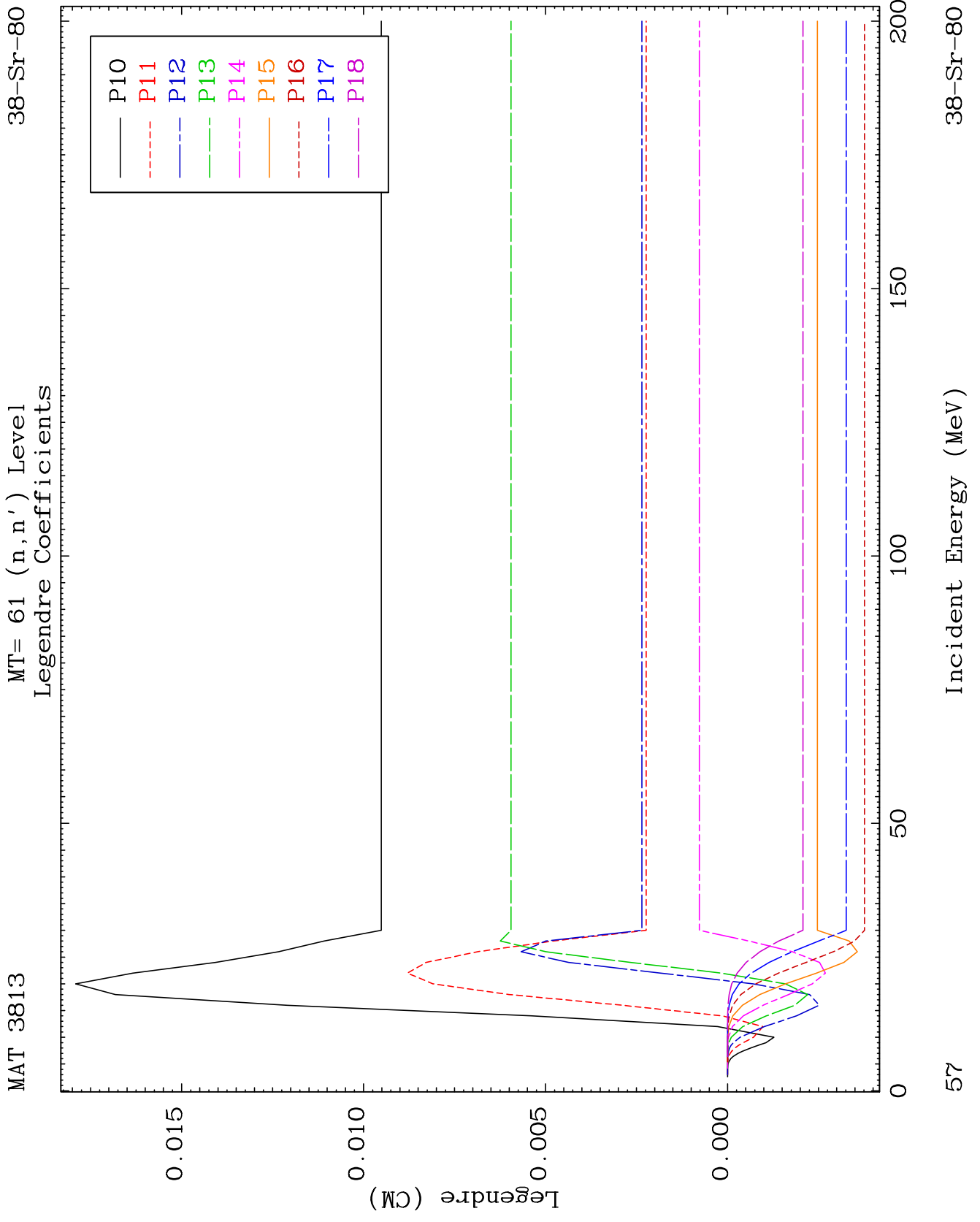
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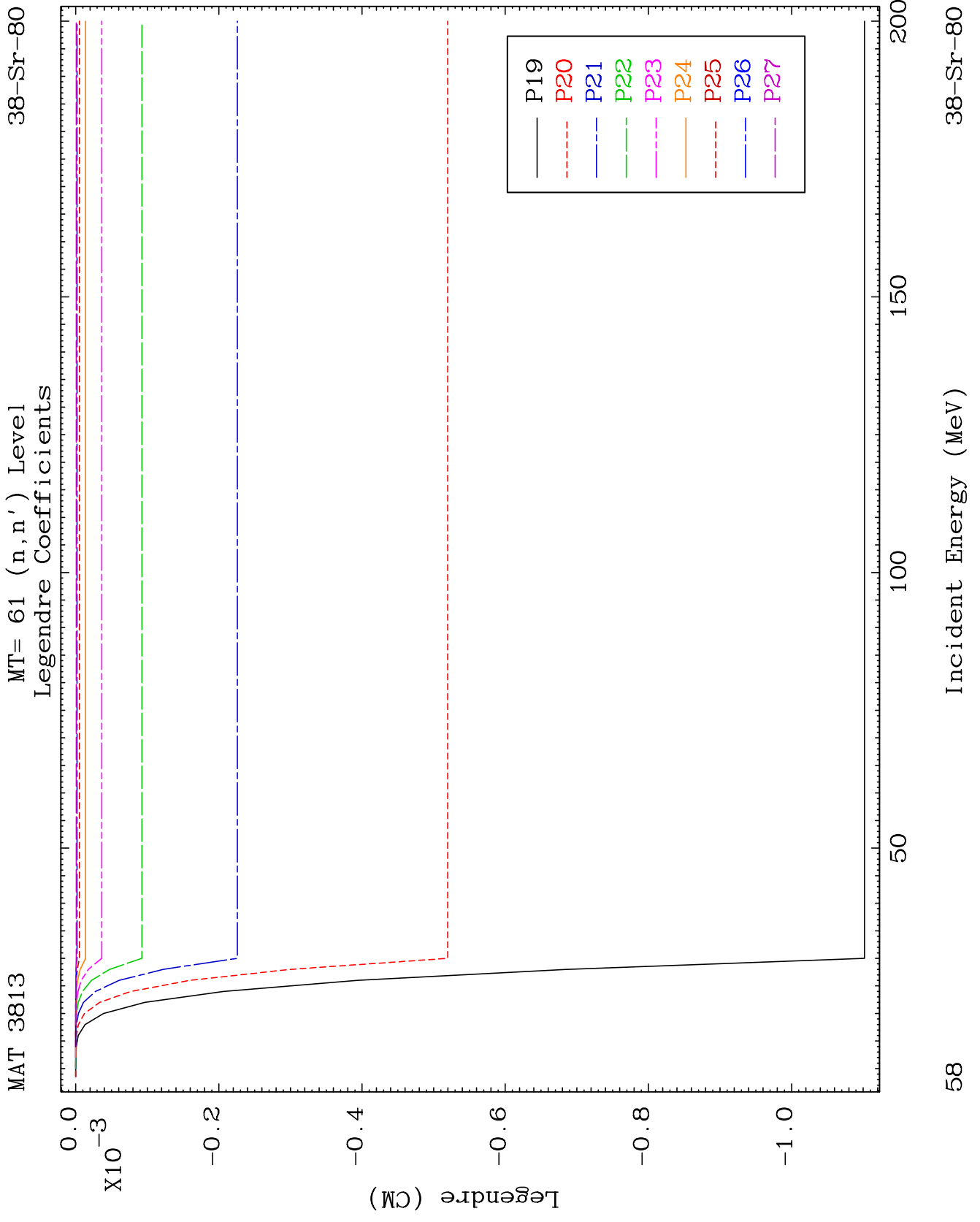


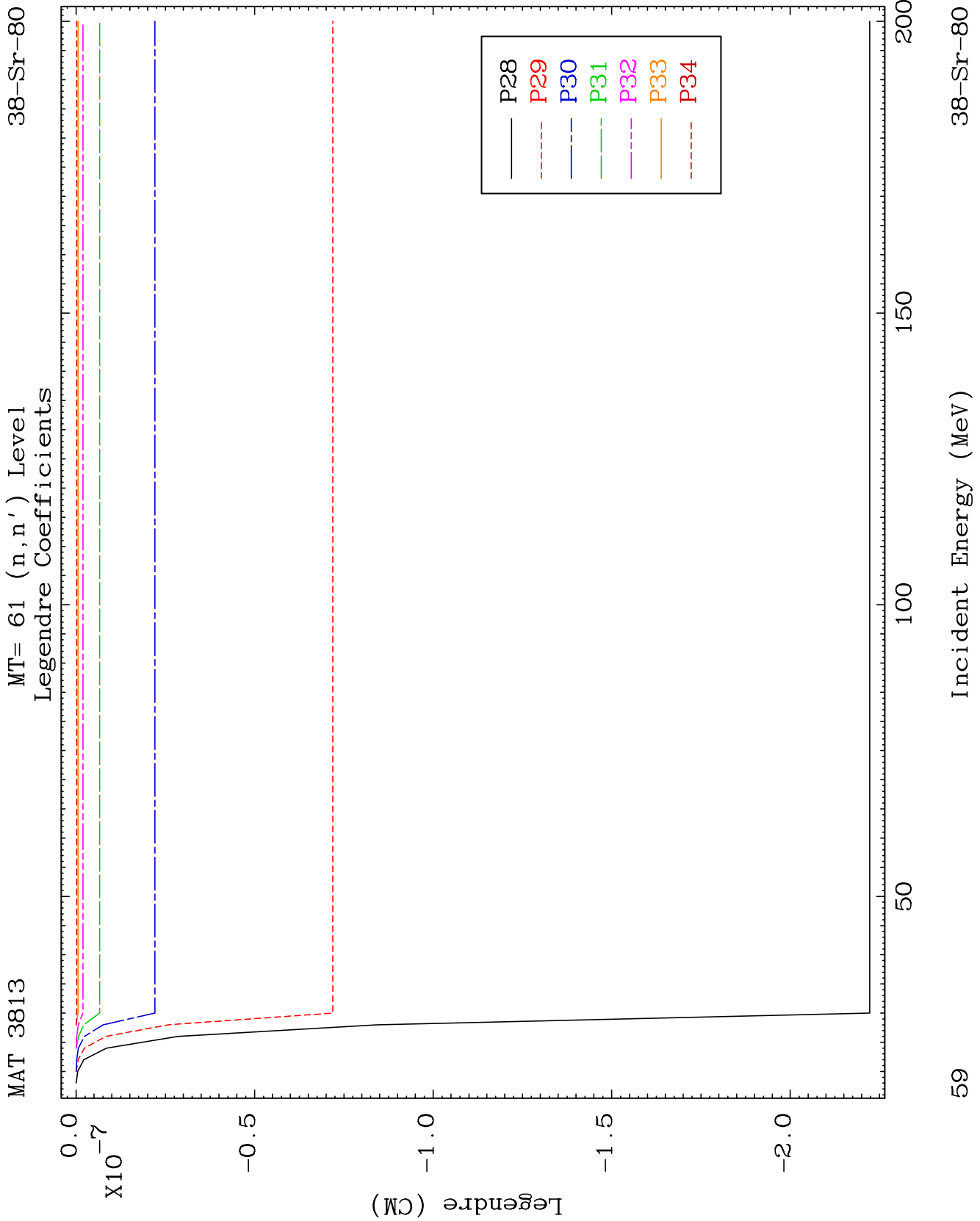
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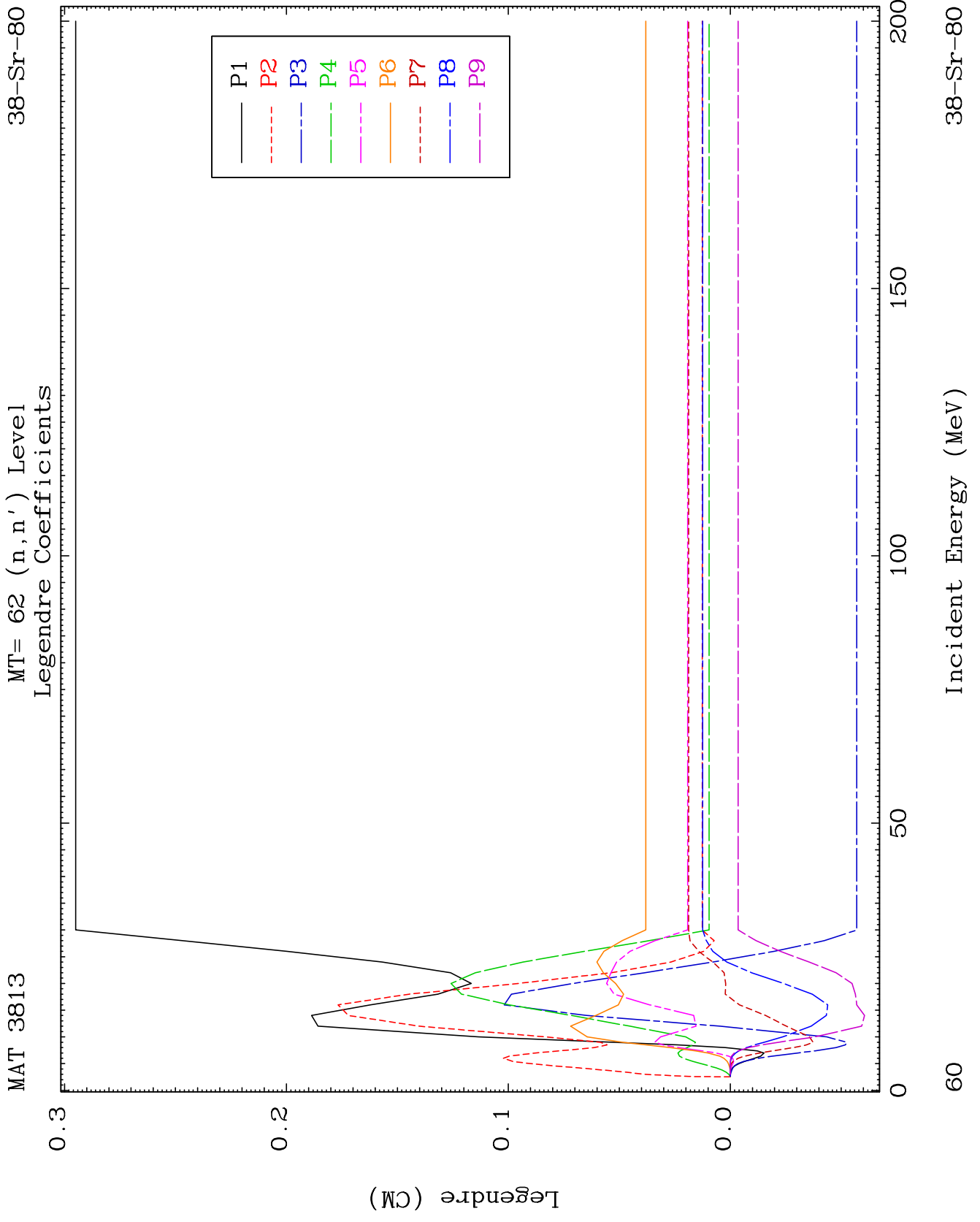
Incident Energy (MeV)

38-Sr-80





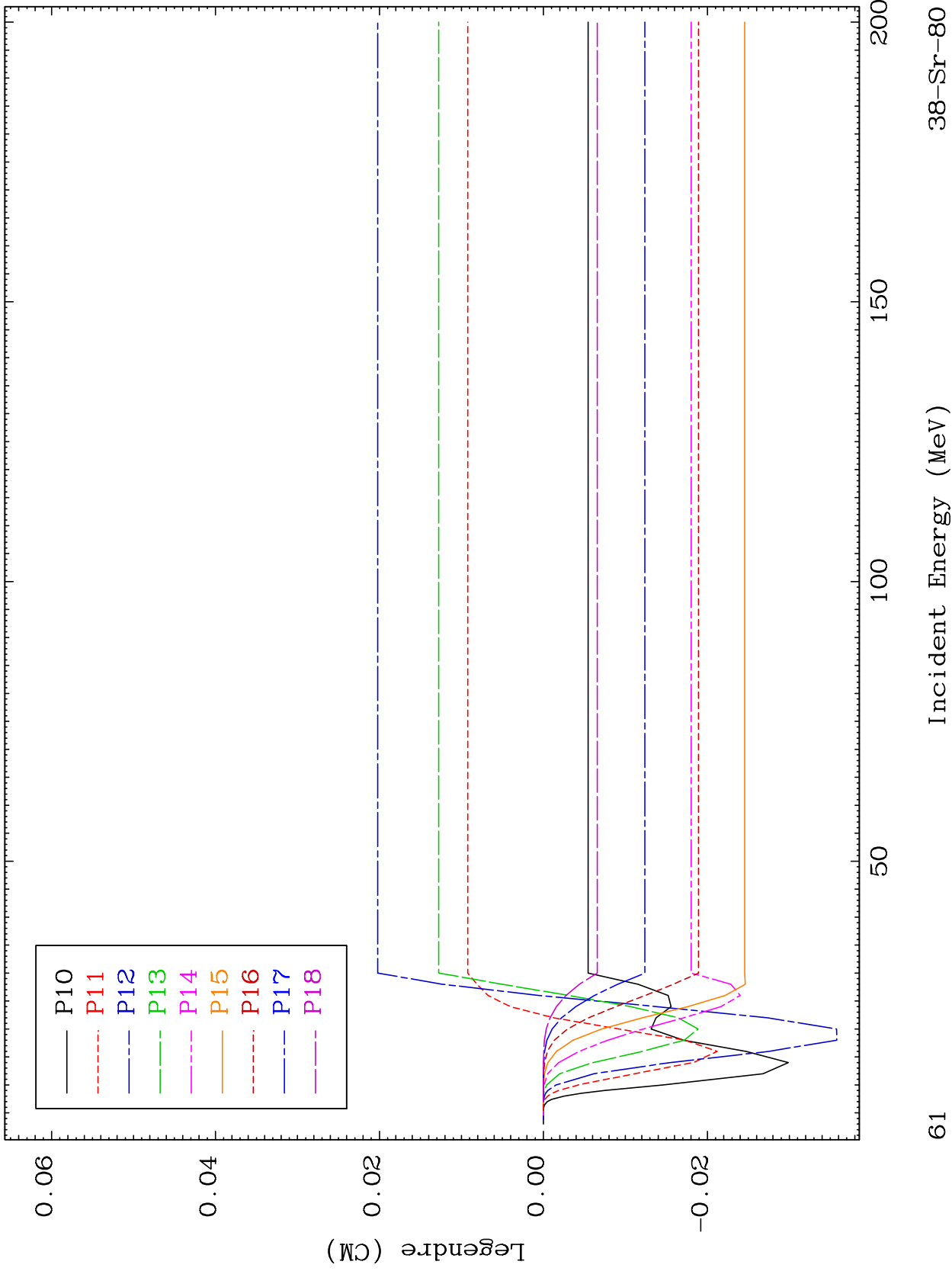




MAT 3813

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

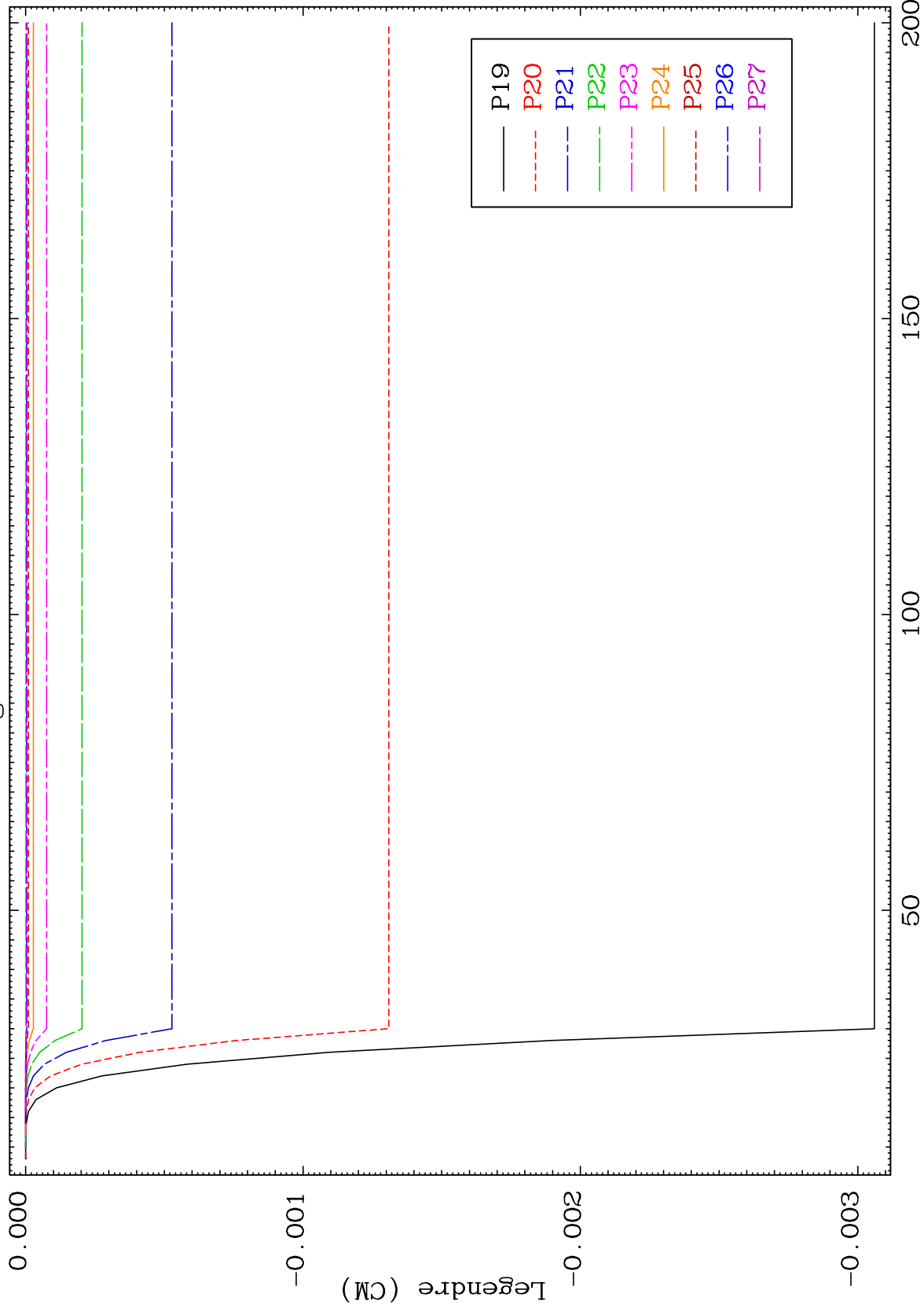
38-Sr-80



MAT 3813

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

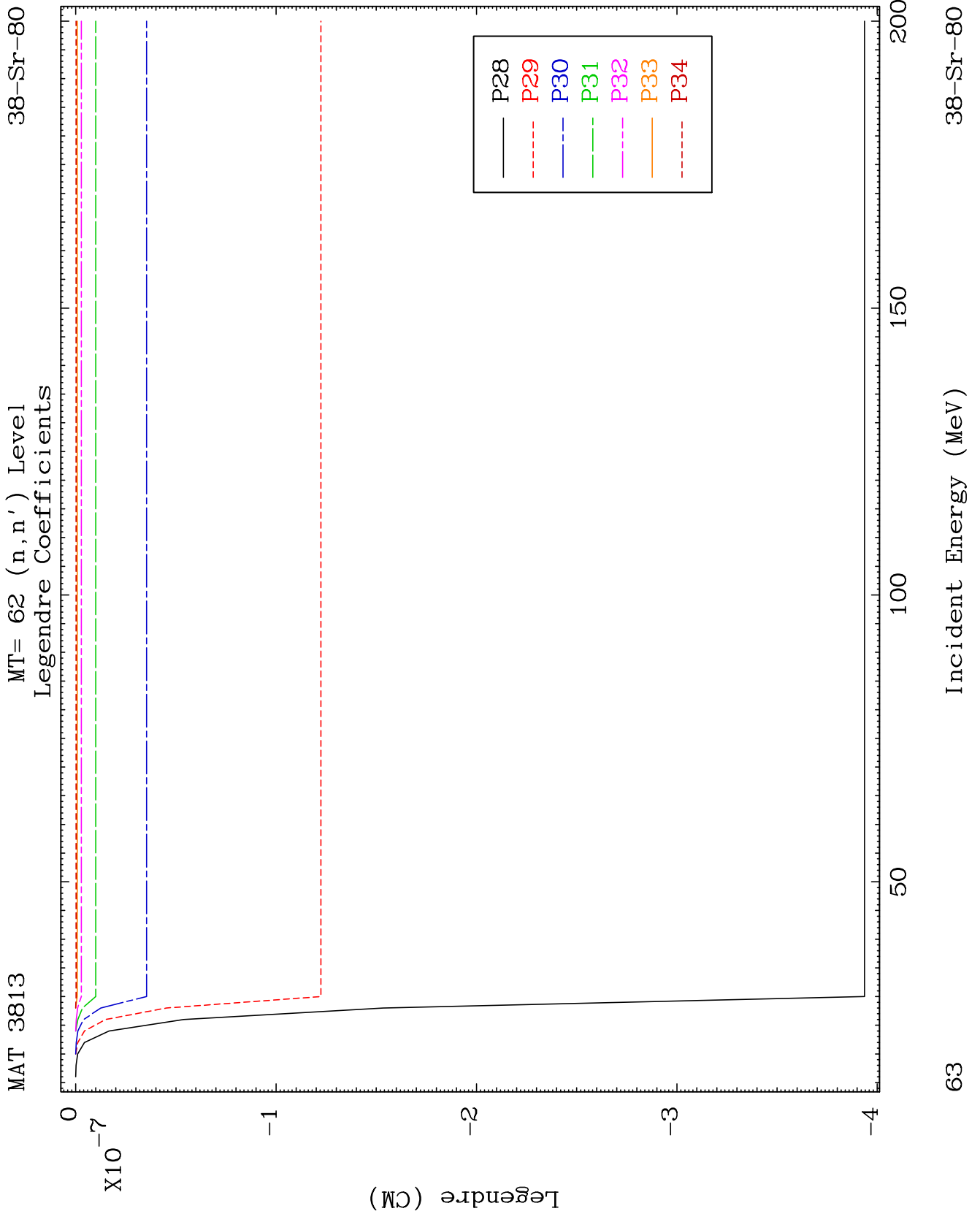
38-Sr-80



38-Sr-80

Incident Energy (MeV)

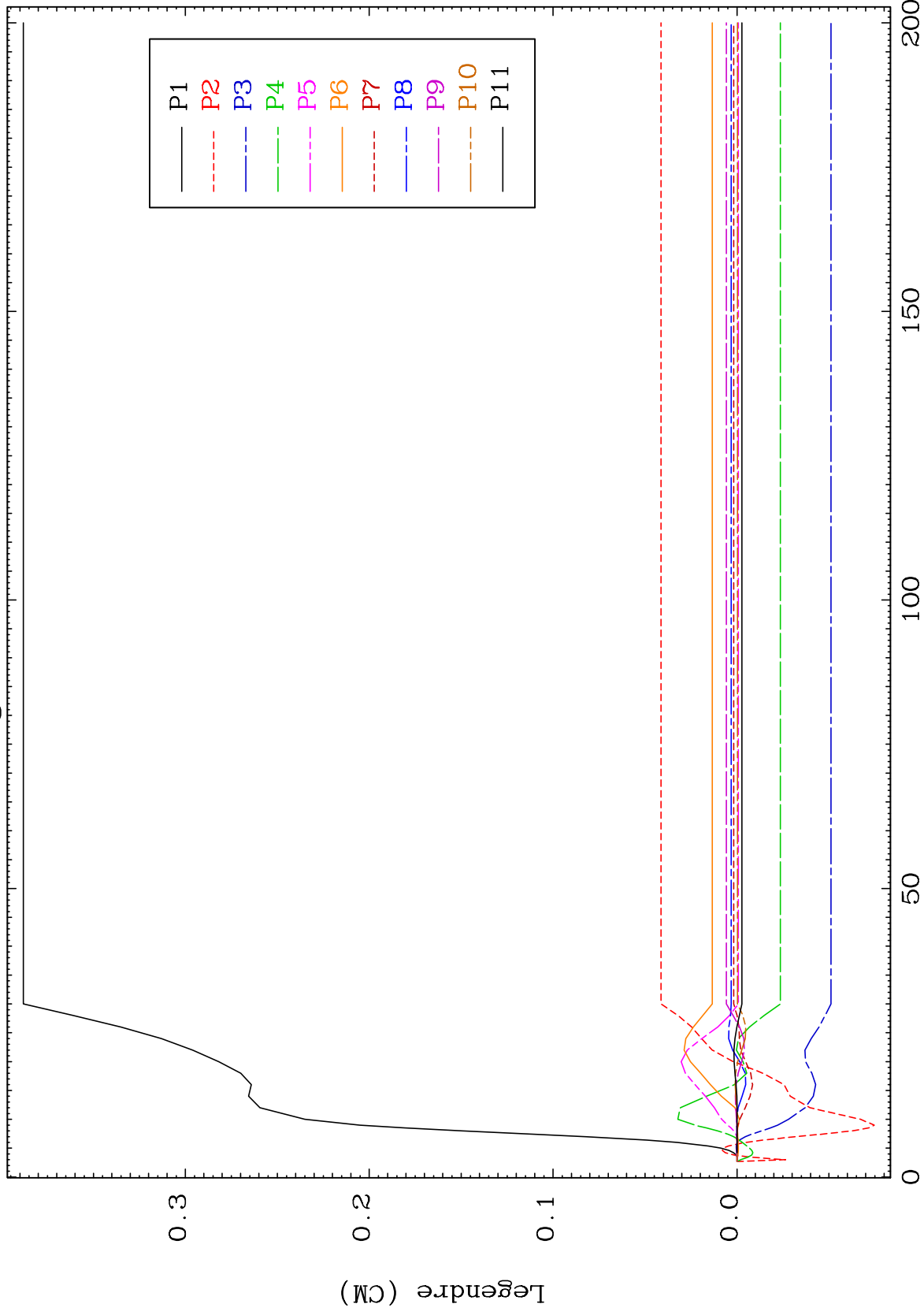
62



MAT 3813

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

38-Sr-80



64

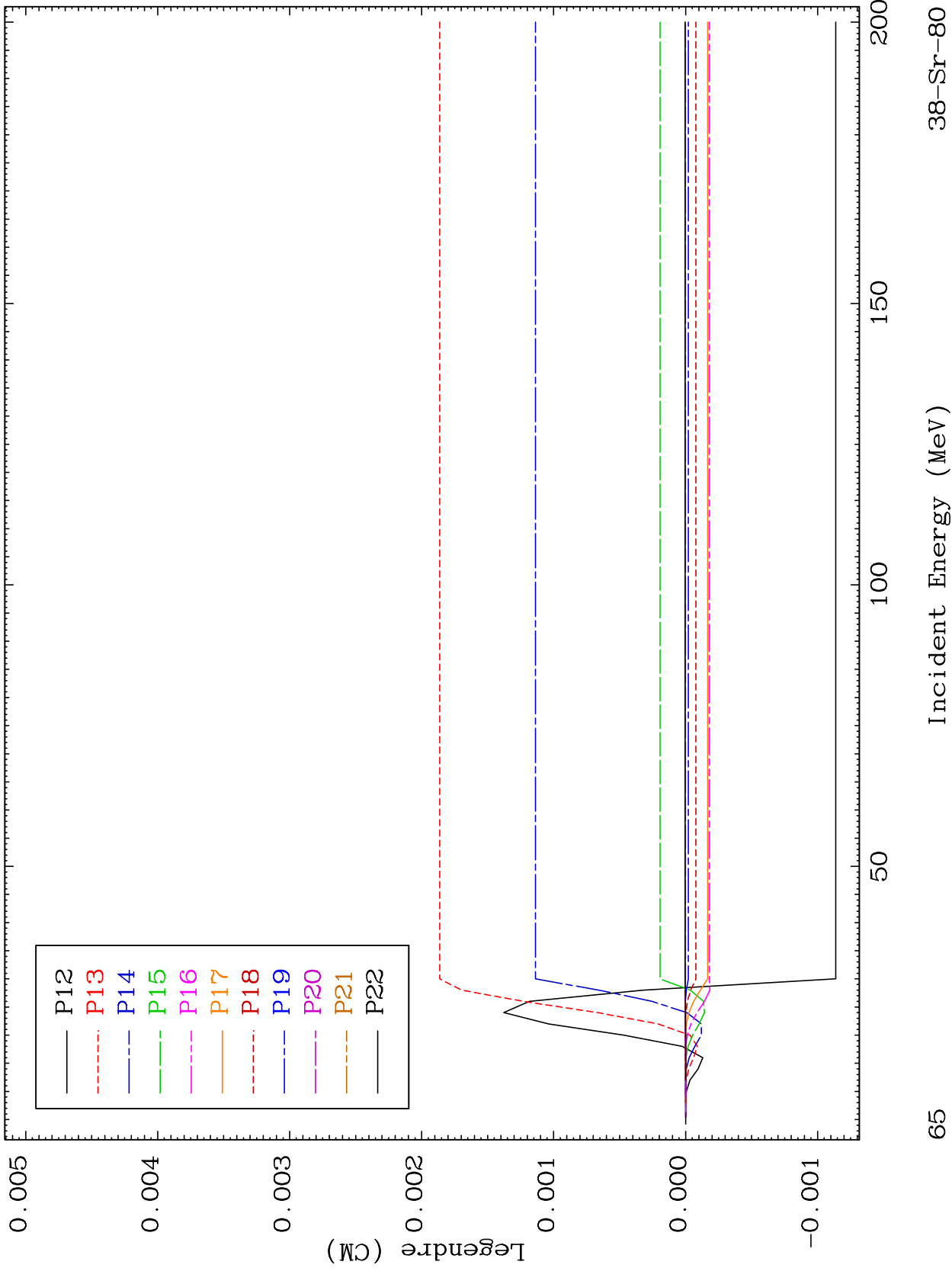
Incident Energy (MeV)

38-Sr-80

MAT 3813

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

38-Sr-80



65

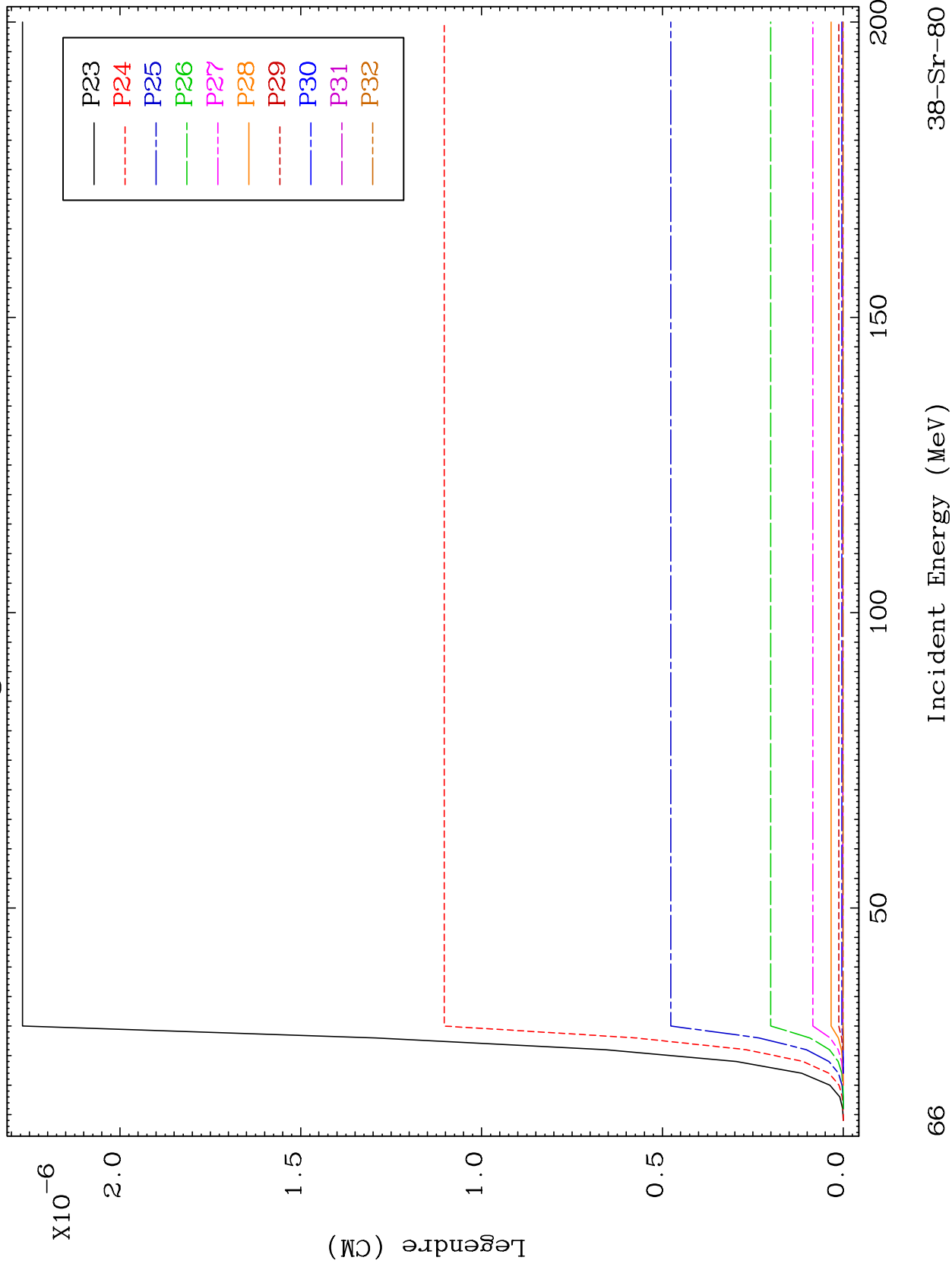
Incident Energy (MeV)

38-Sr-80

MAT 3813

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

38-Sr-80



66

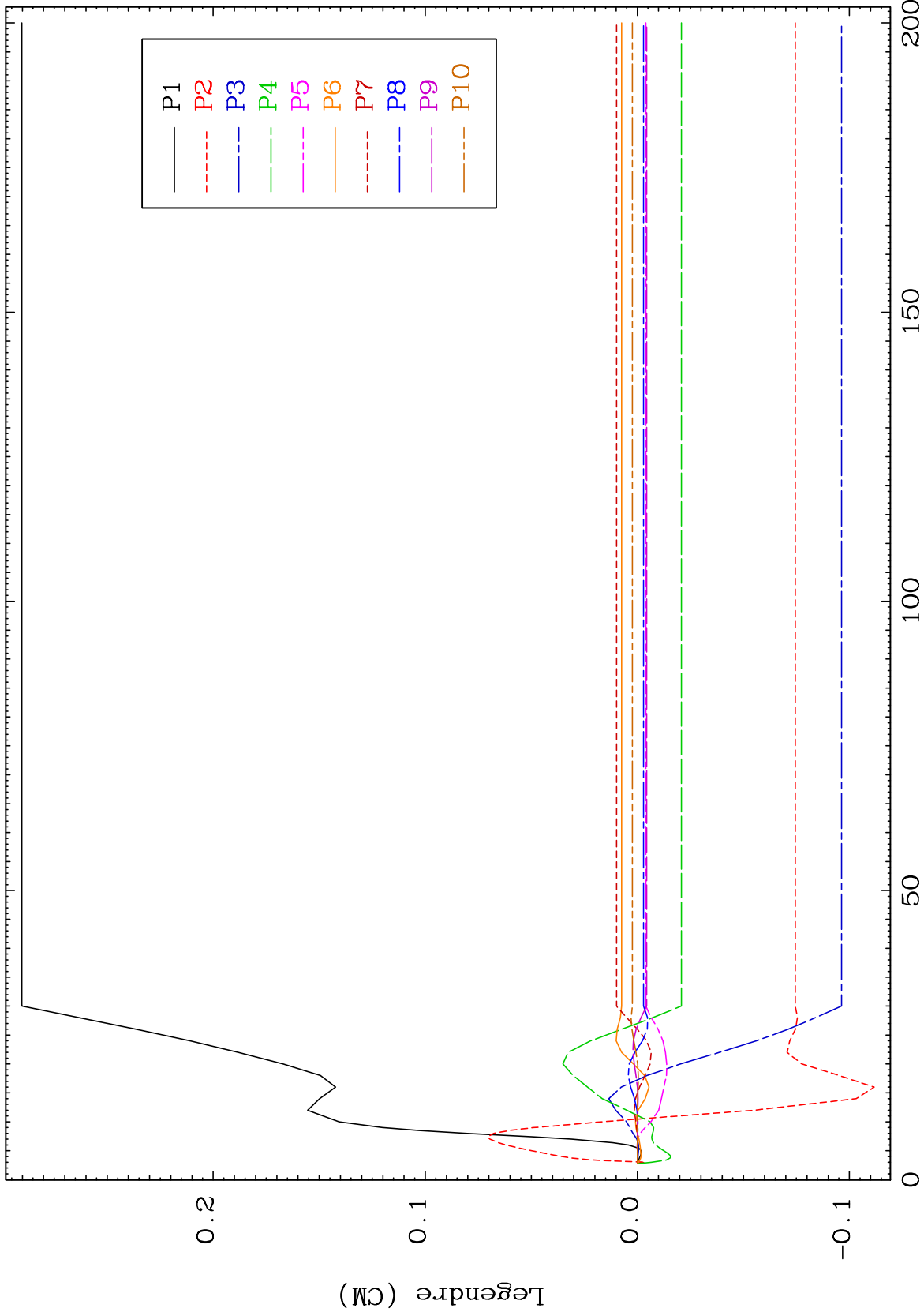
Incident Energy (MeV)

38-Sr-80

MAT 3813

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

38-Sr-80



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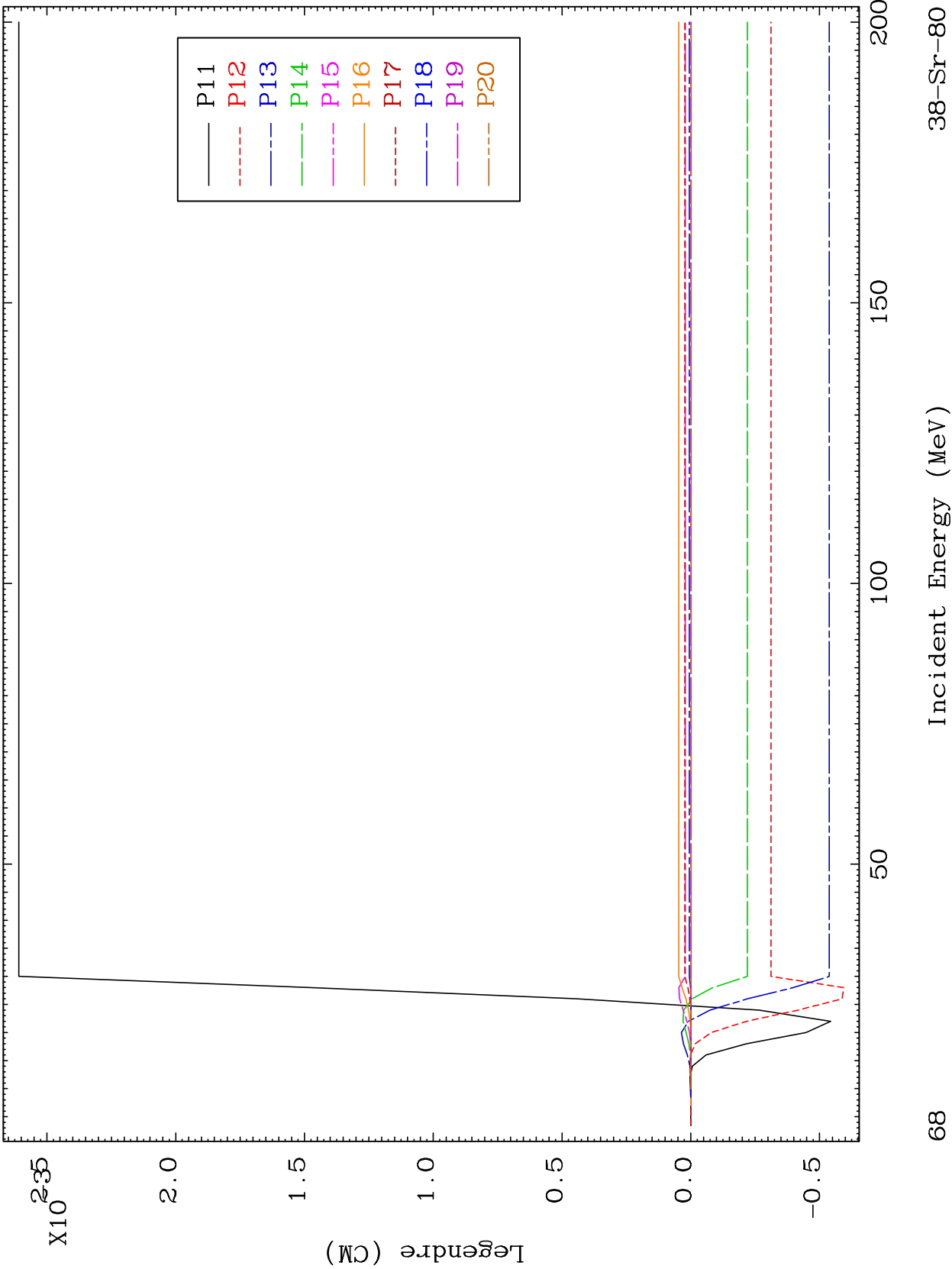
Incident Energy (MeV)

38-Sr-80

MAT 3813

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

38-Sr-80



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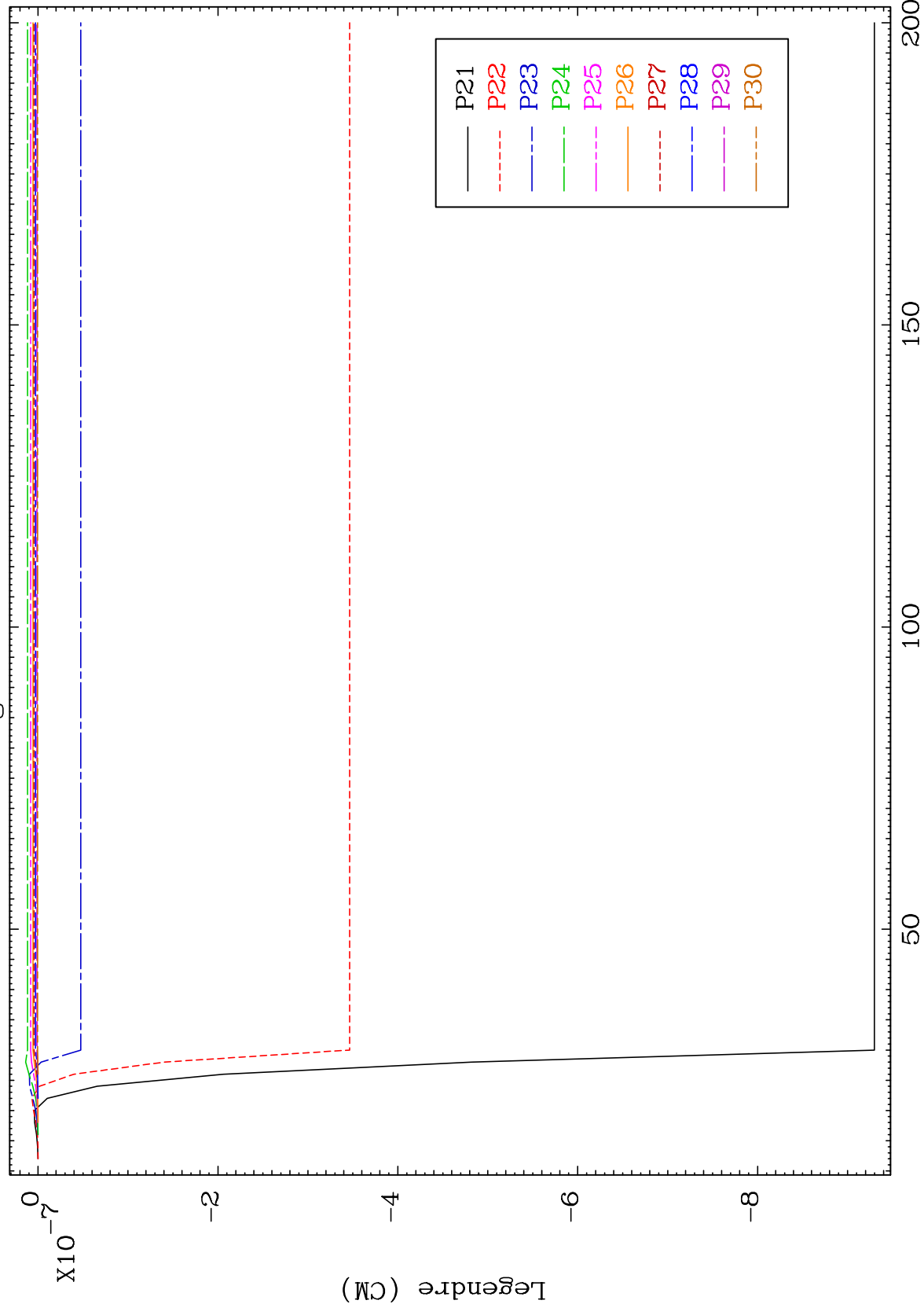
Incident Energy (MeV)

38-Sr-80

MAT 3813

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

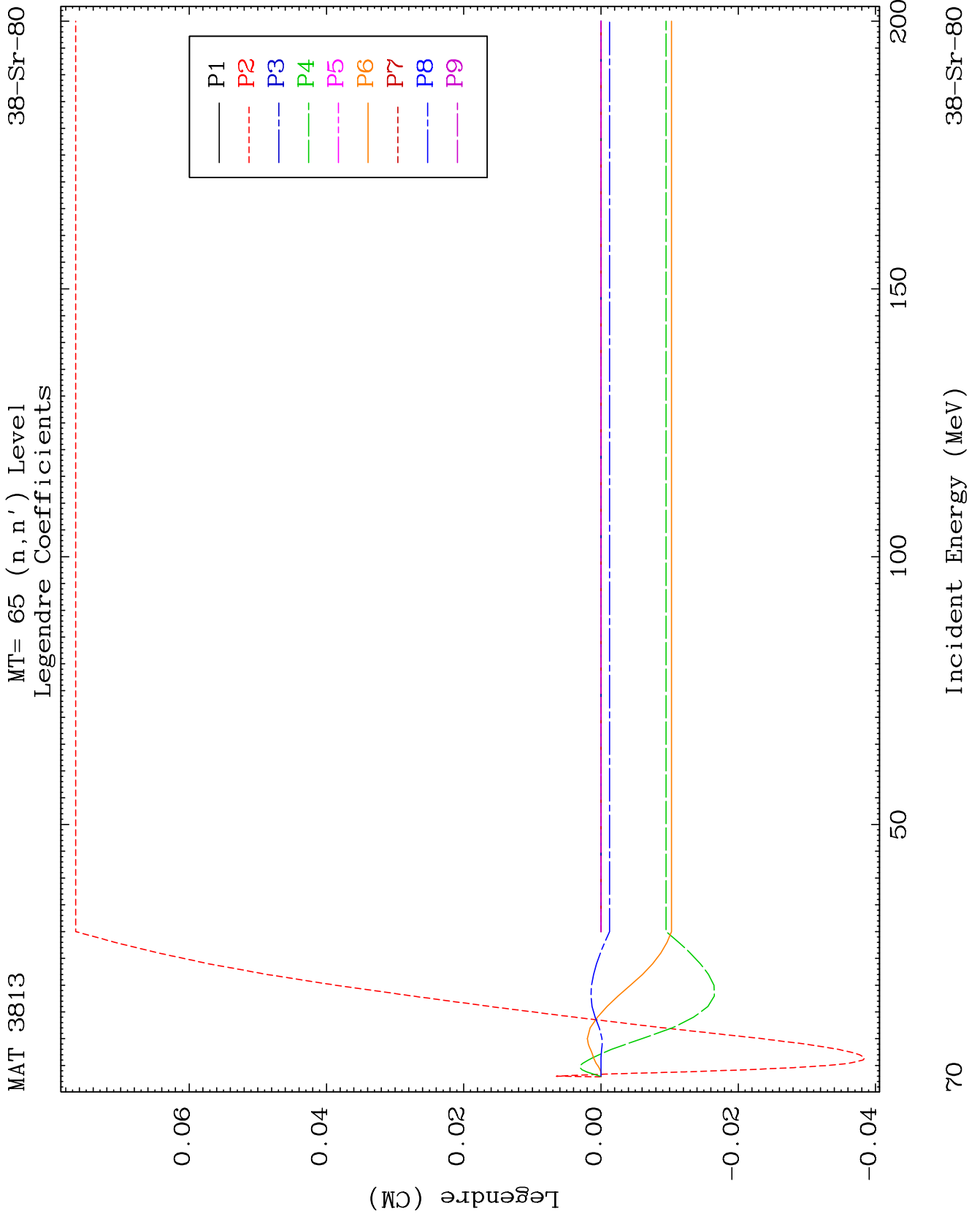
38-Sr-80



69

Incident Energy (MeV)

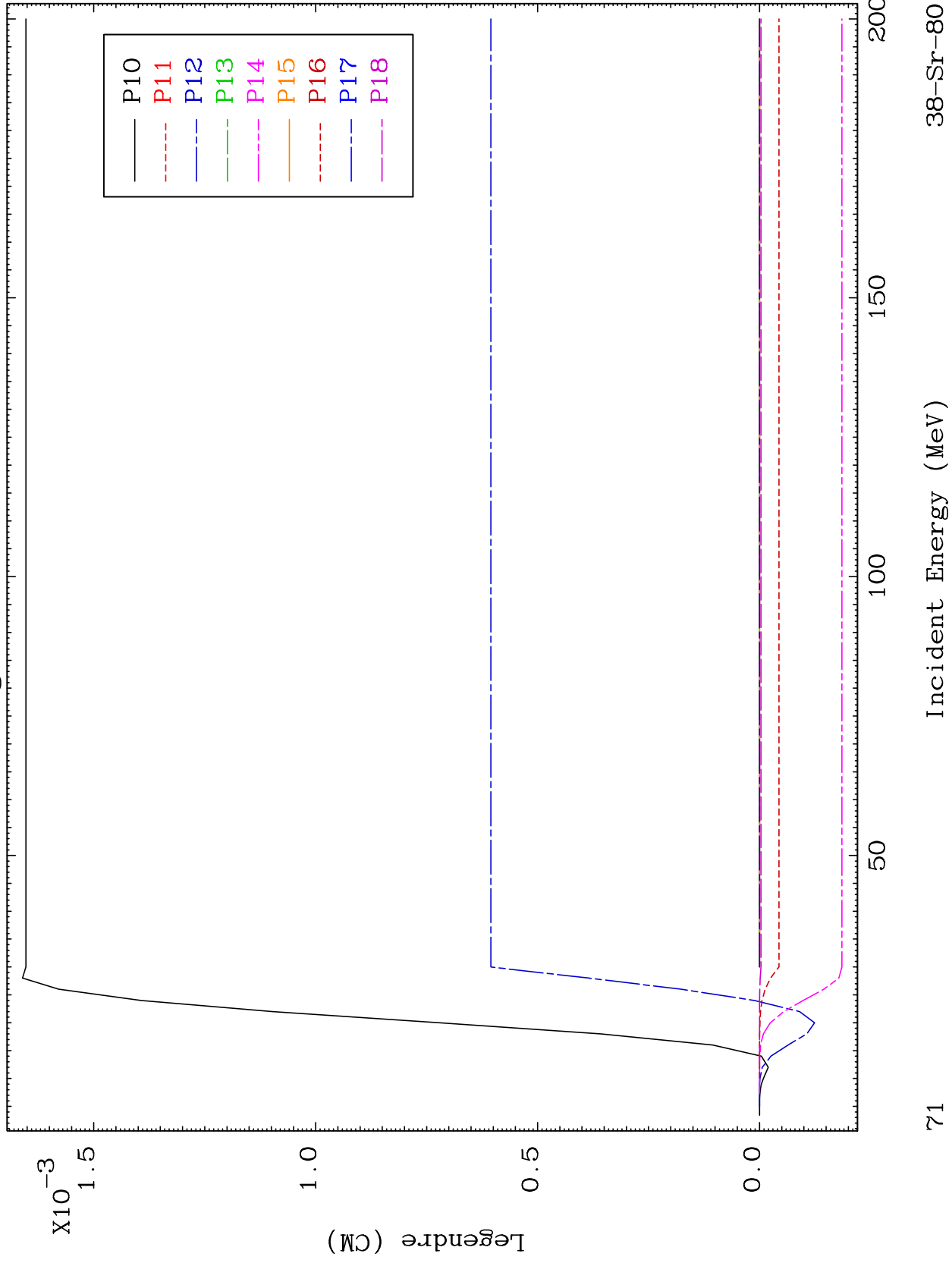
38-Sr-80



MAT 3813

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

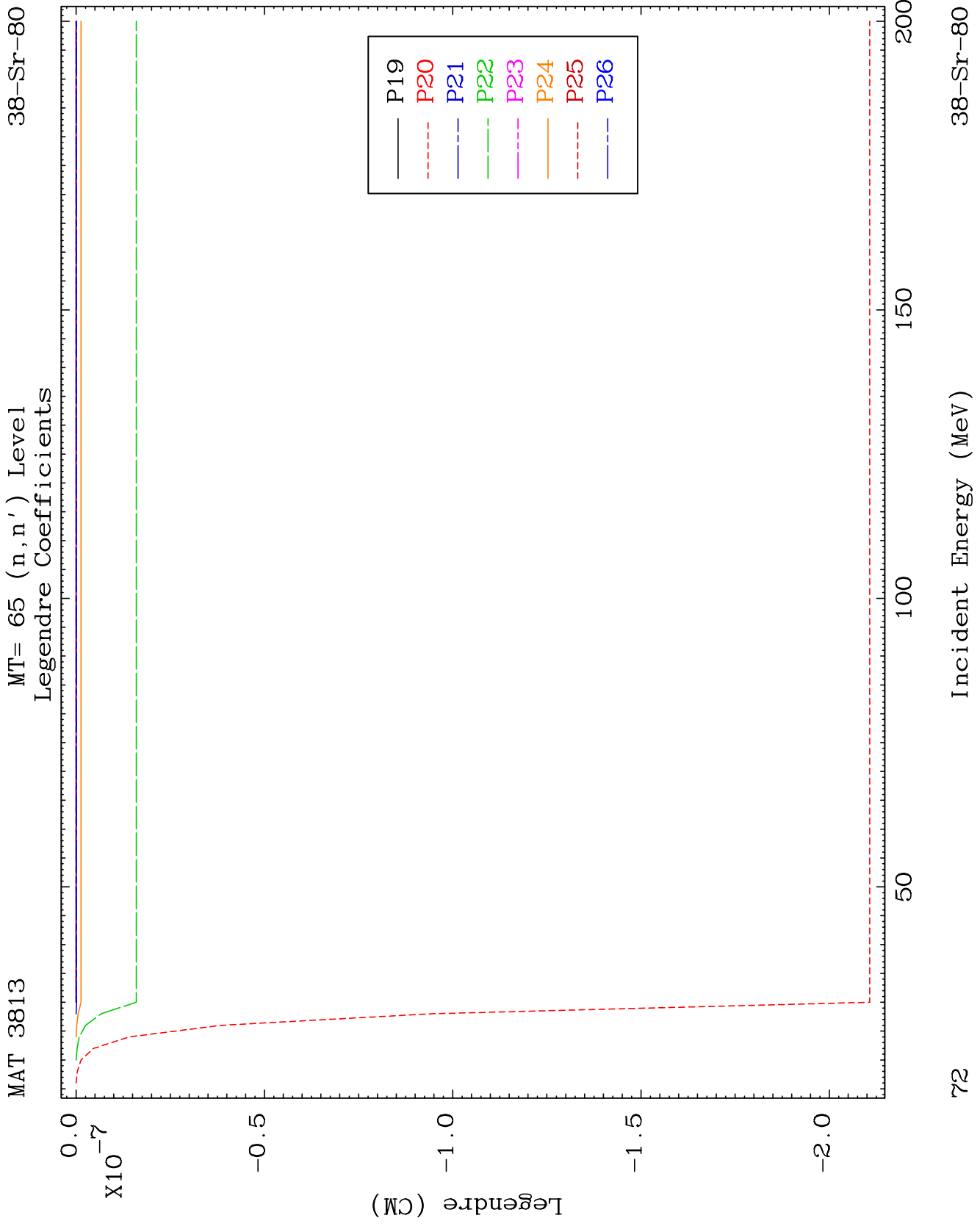
38-Sr-80



71

Incident Energy (MeV)

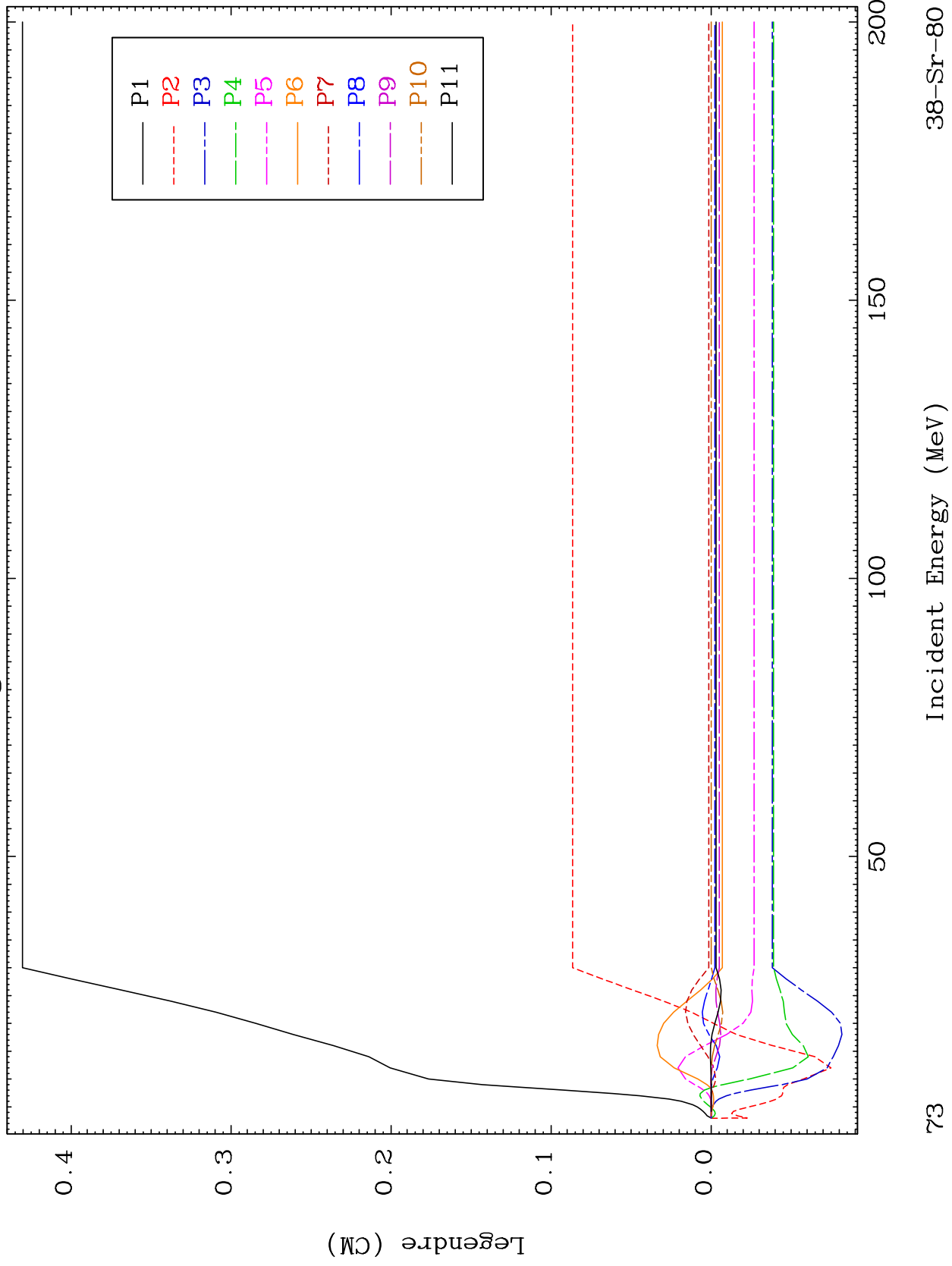
38-Sr-80



MAT 3813

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

38-Sr-80



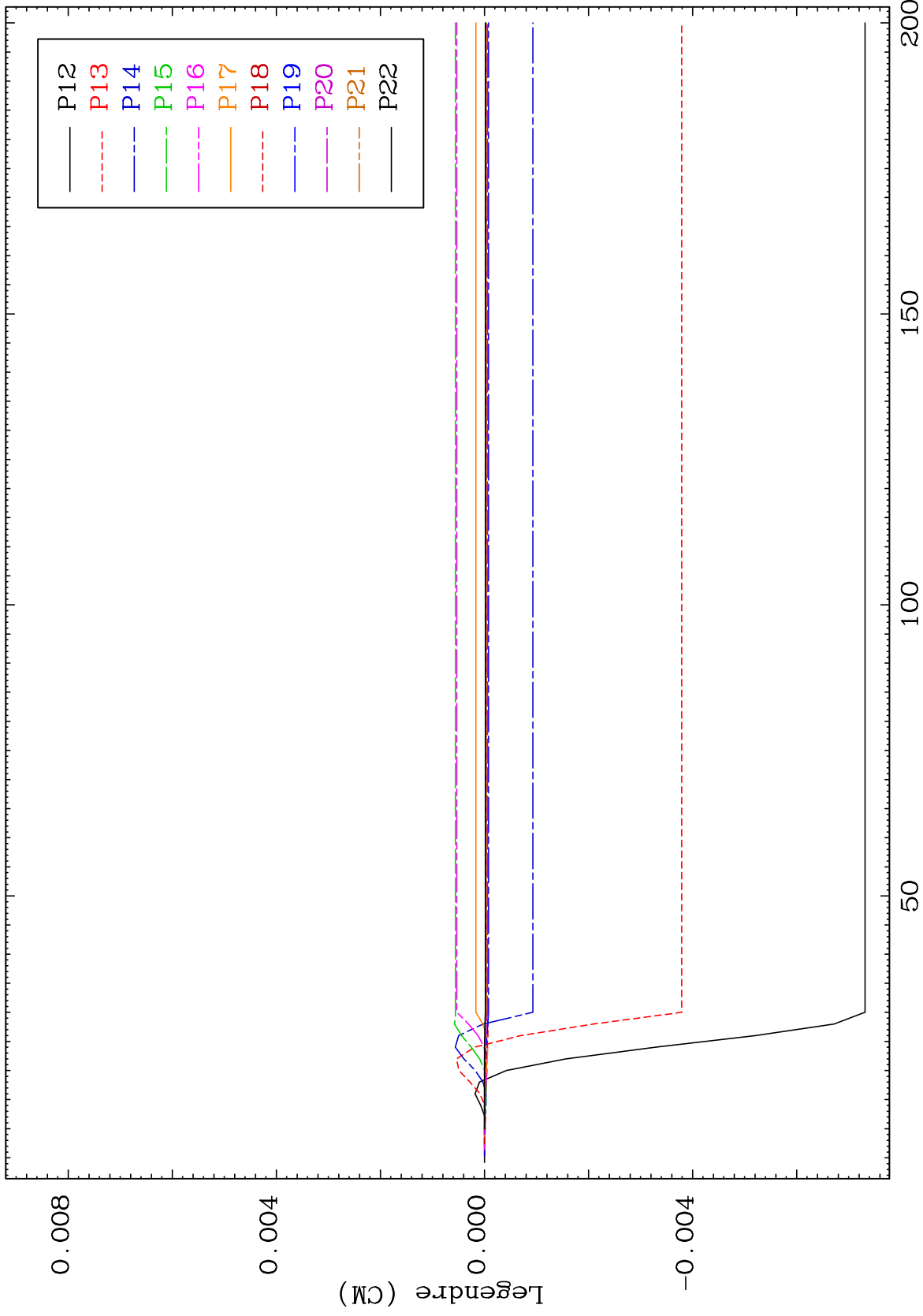
73

38-Sr-80

MAT 3813

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

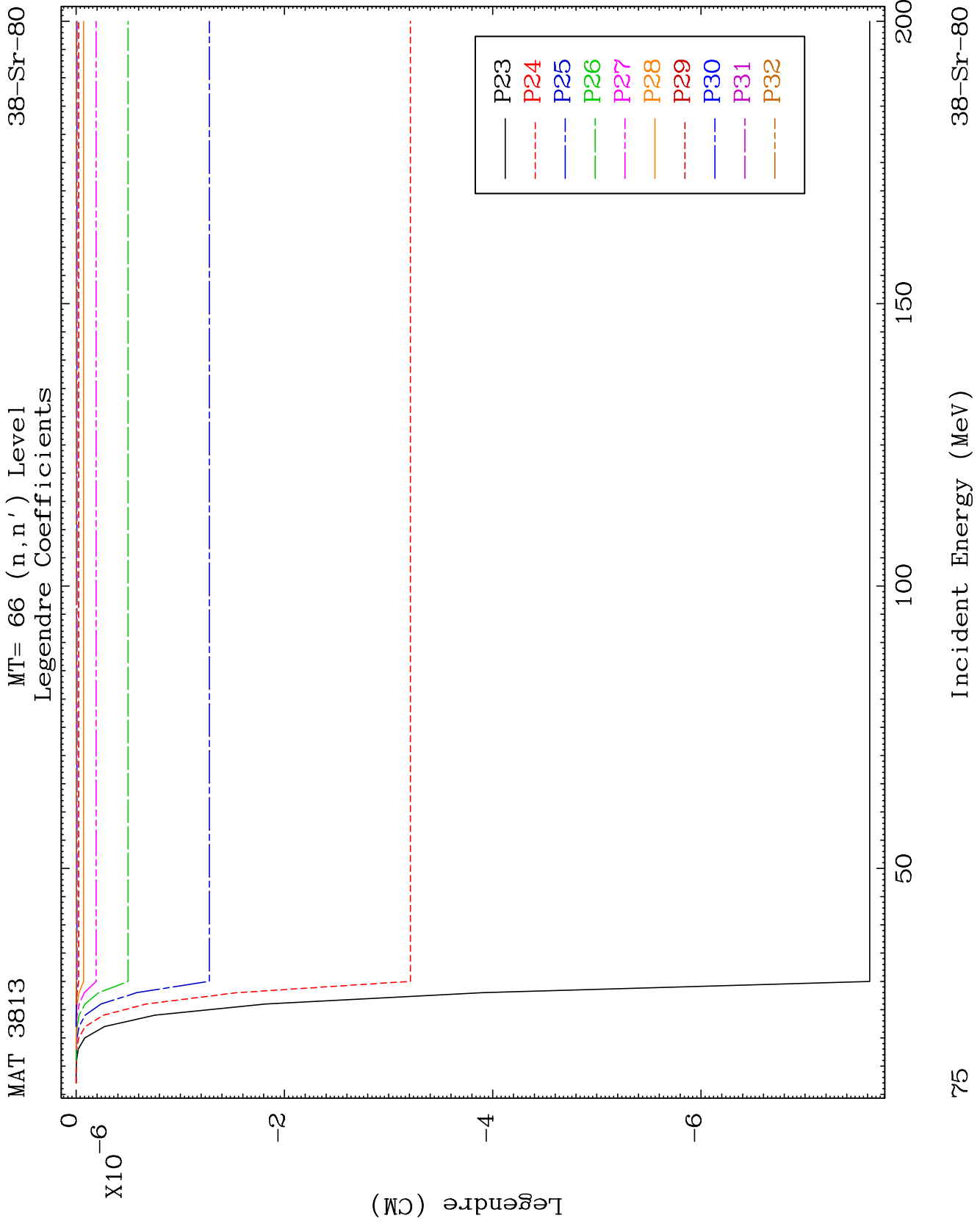
38-Sr-80



74

Incident Energy (MeV)

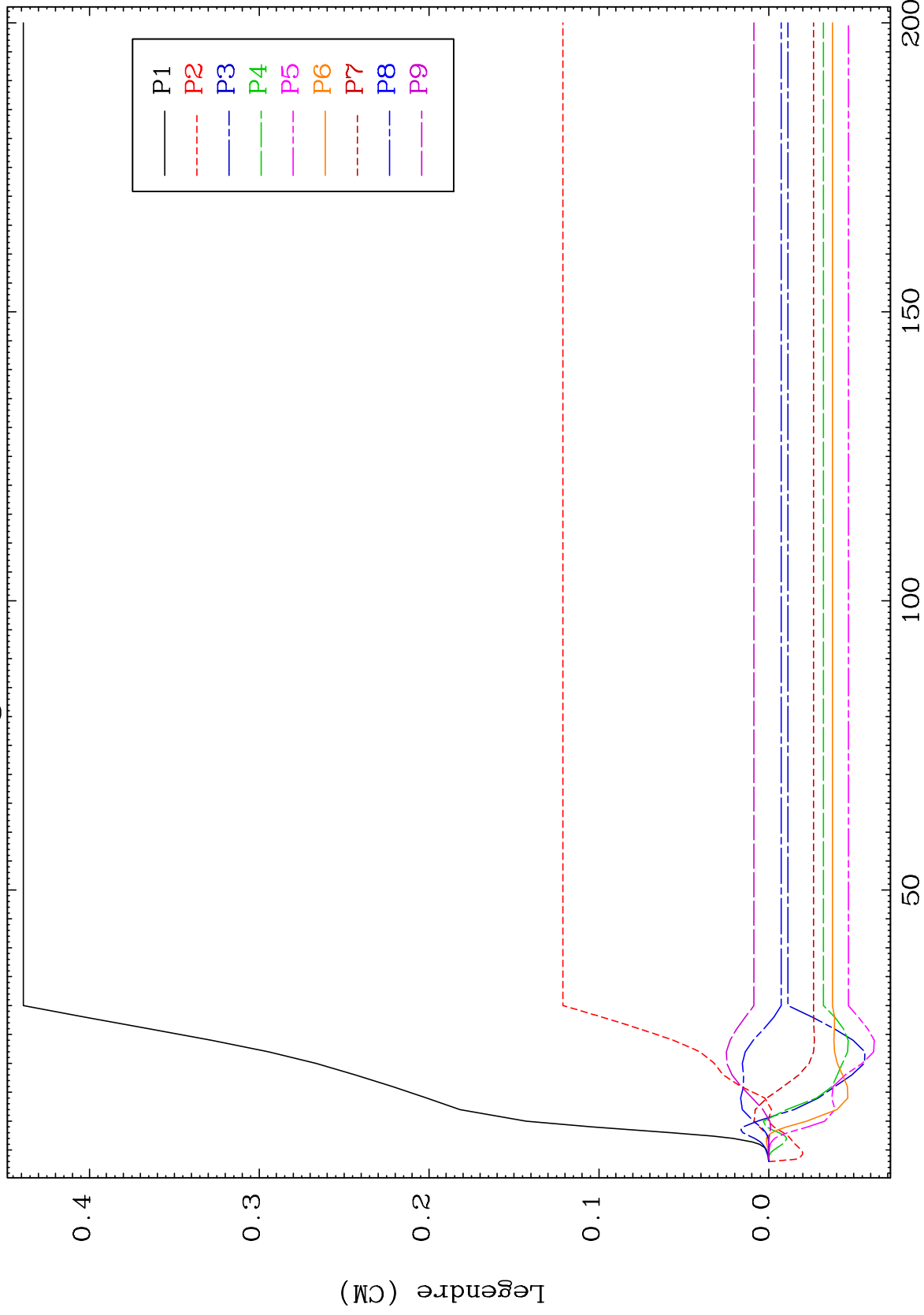
38-Sr-80



MAT 3813

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

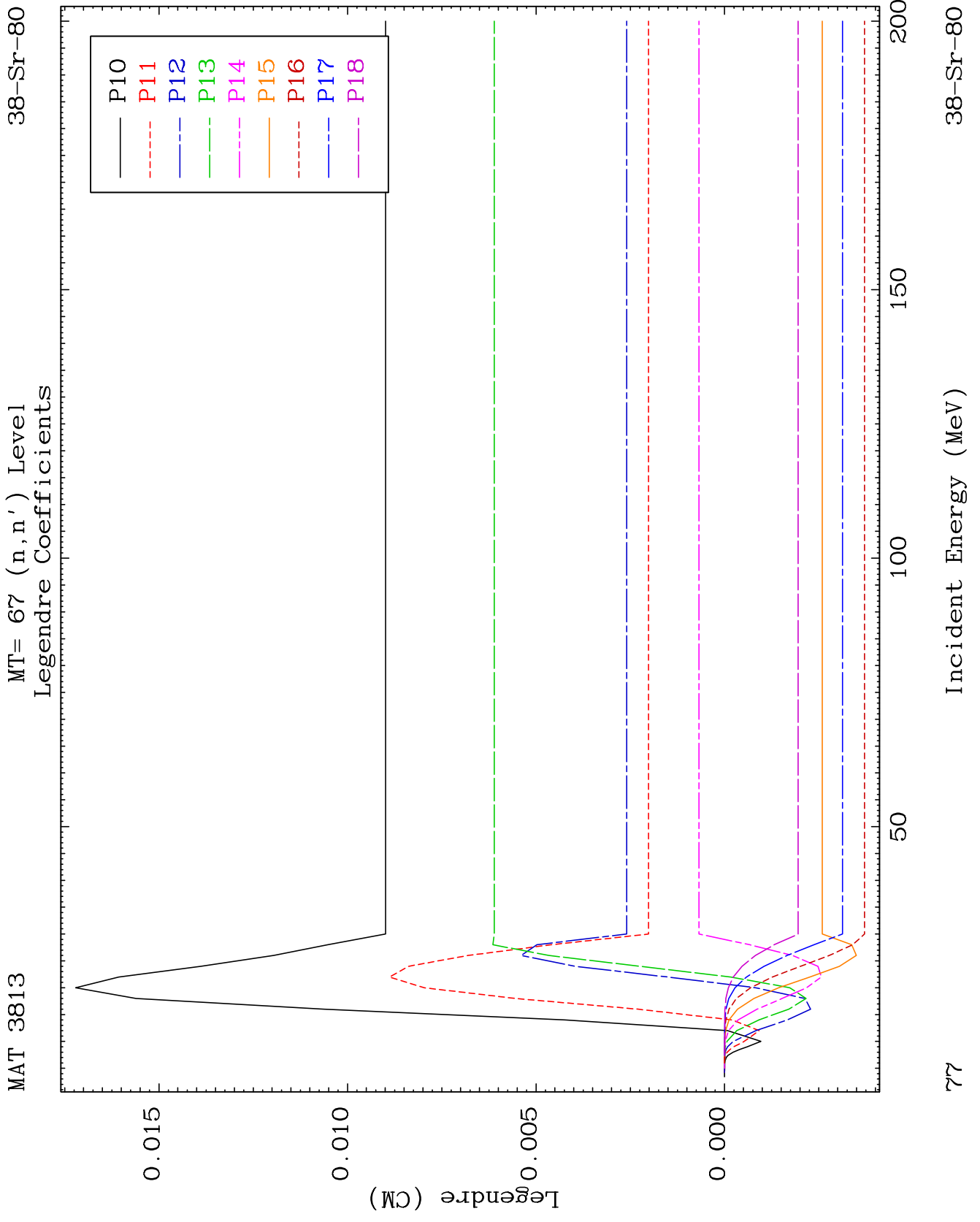
38-Sr-80

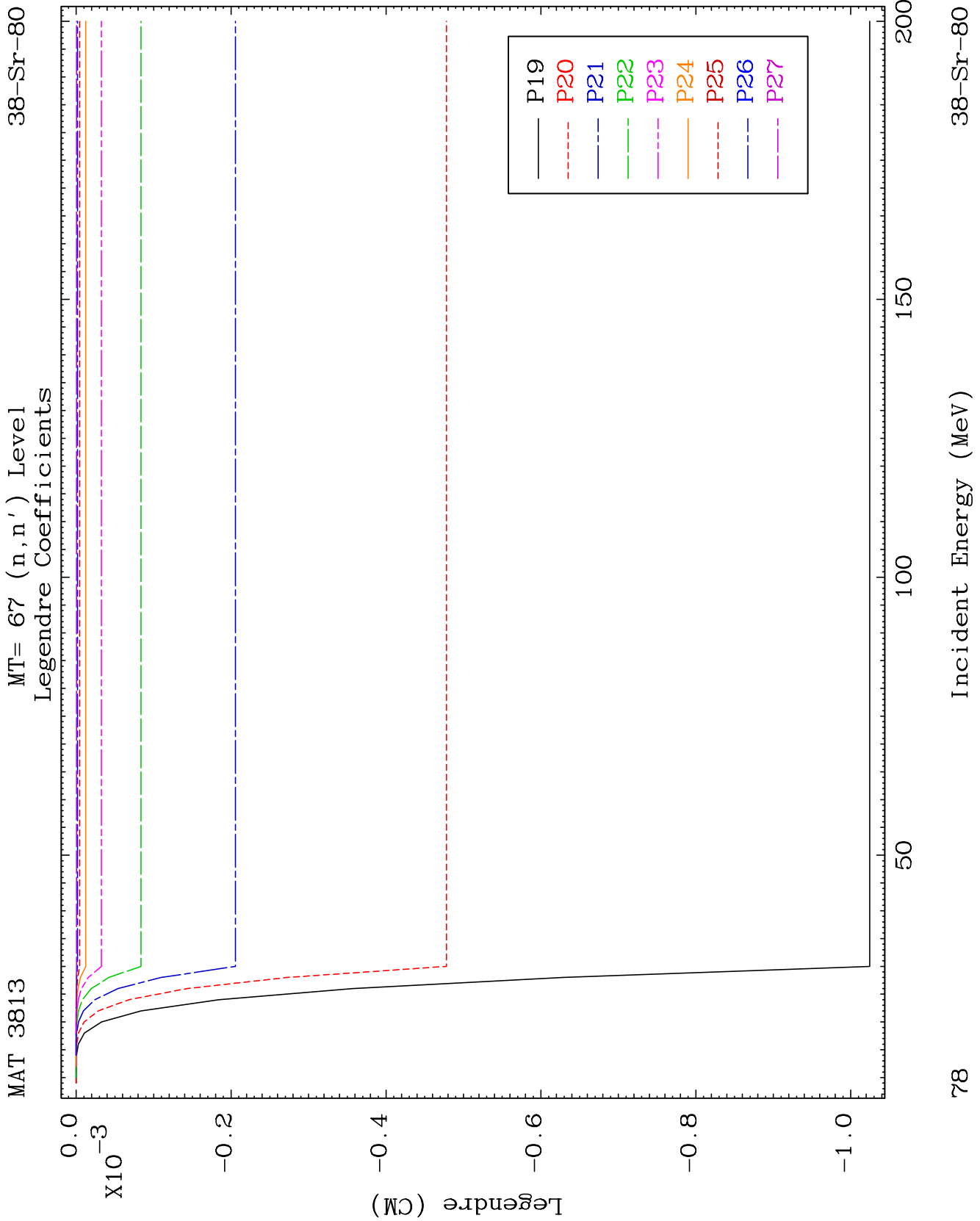


76

Incident Energy (MeV)

38-Sr-80

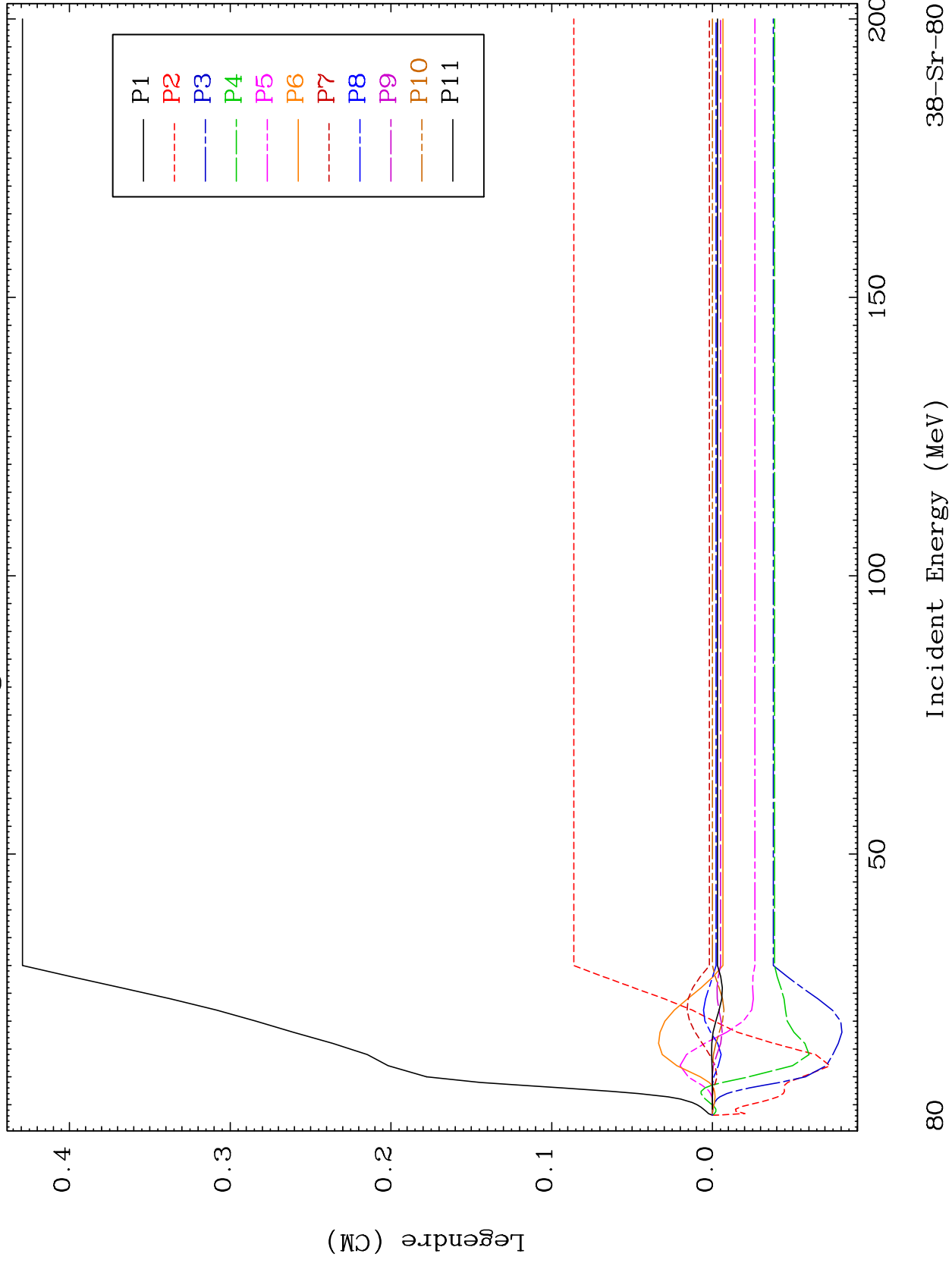




MAT 3813

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

38-Sr-80



38-Sr-80

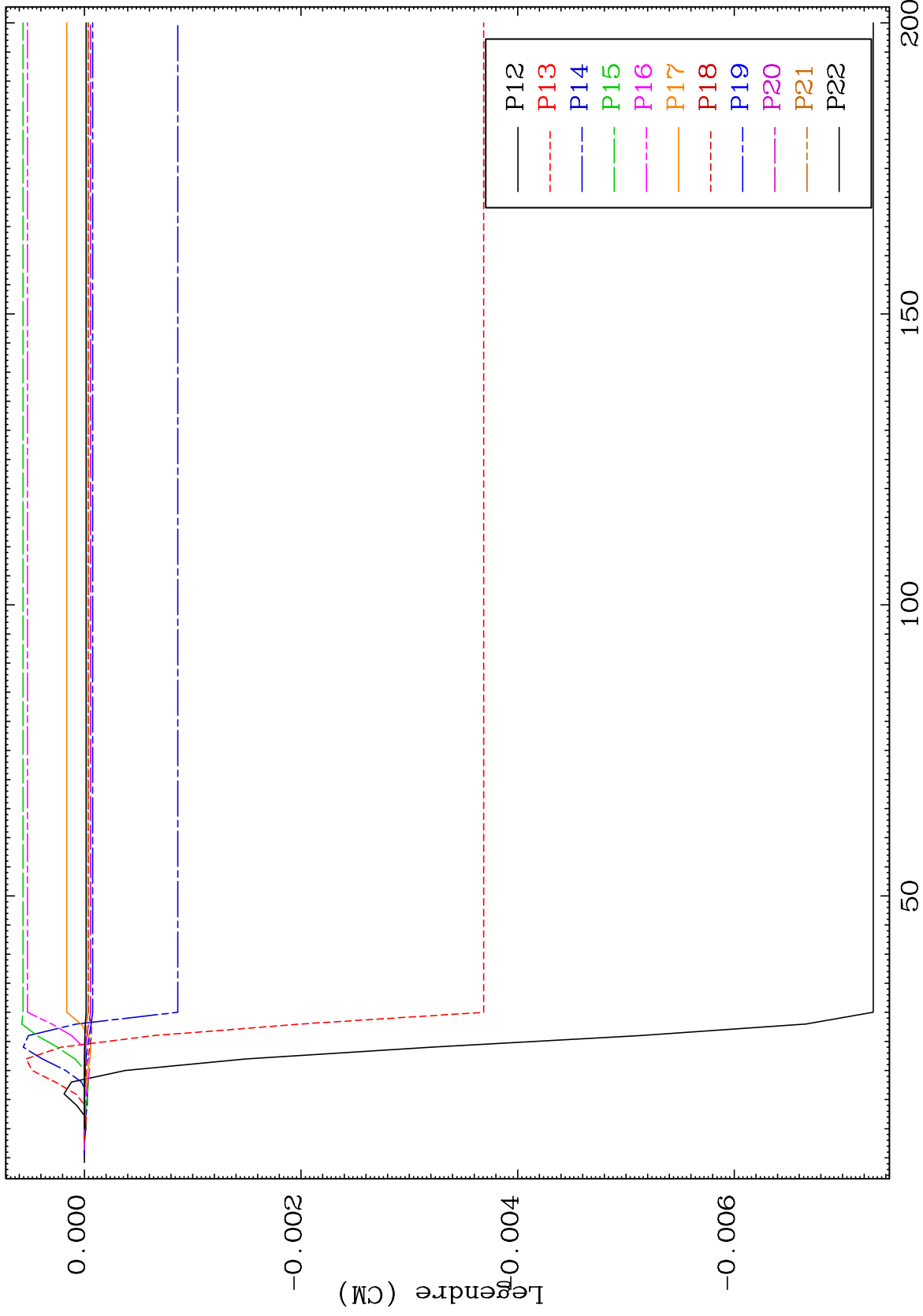
Incident Energy (MeV)

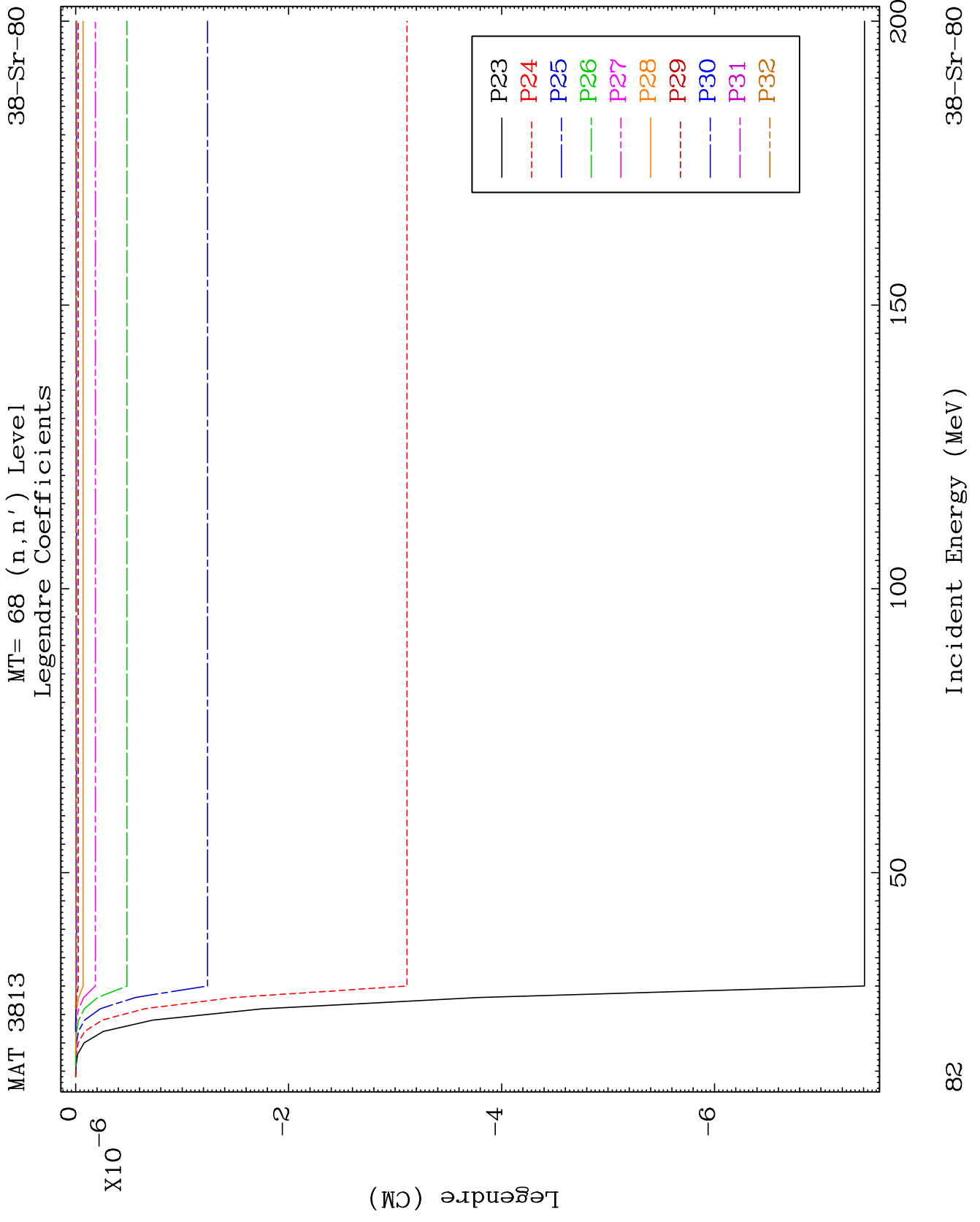
80

MAT 3813

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

38-Sr-80

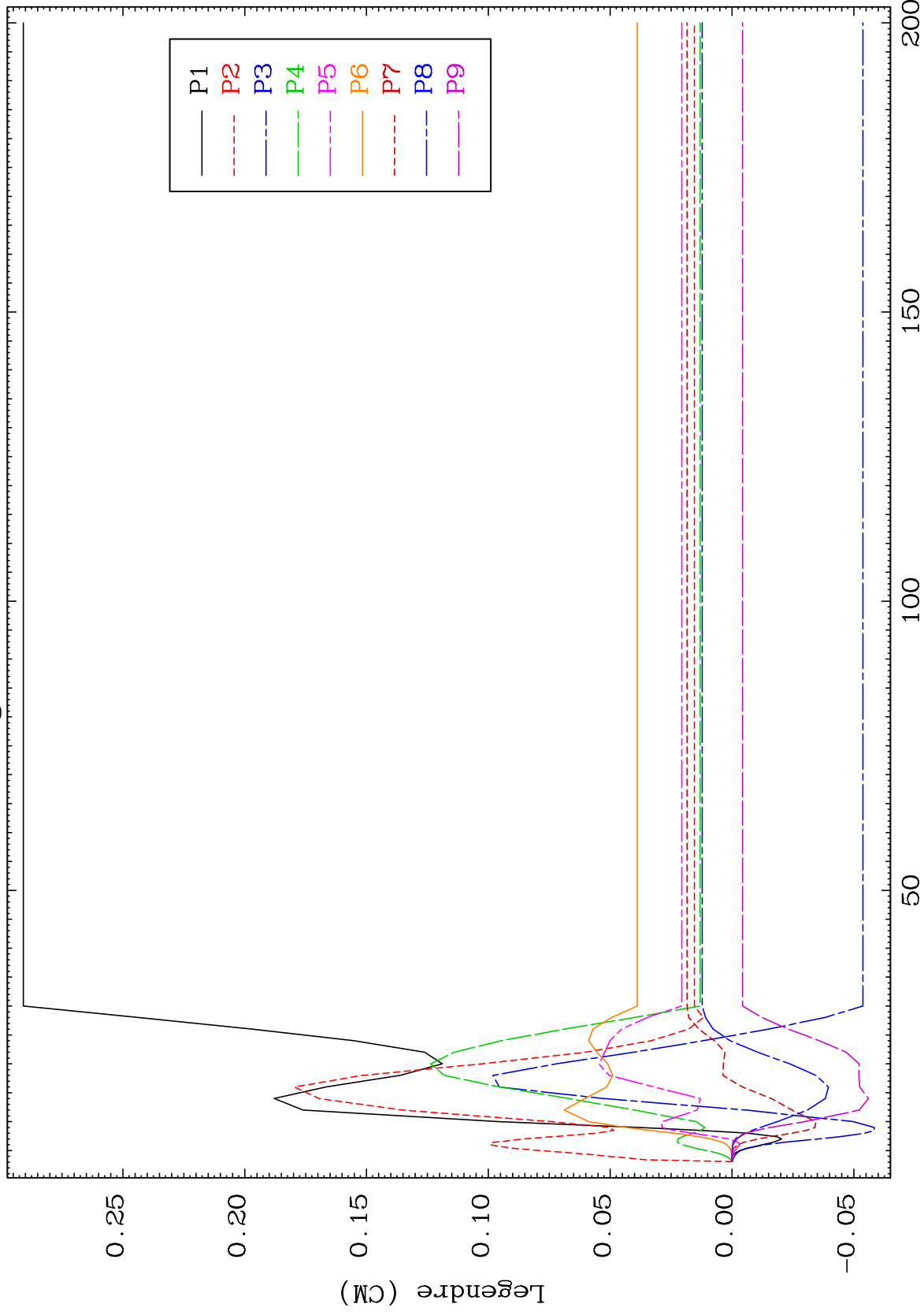




MAT 3813

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

38-Sr-80



83

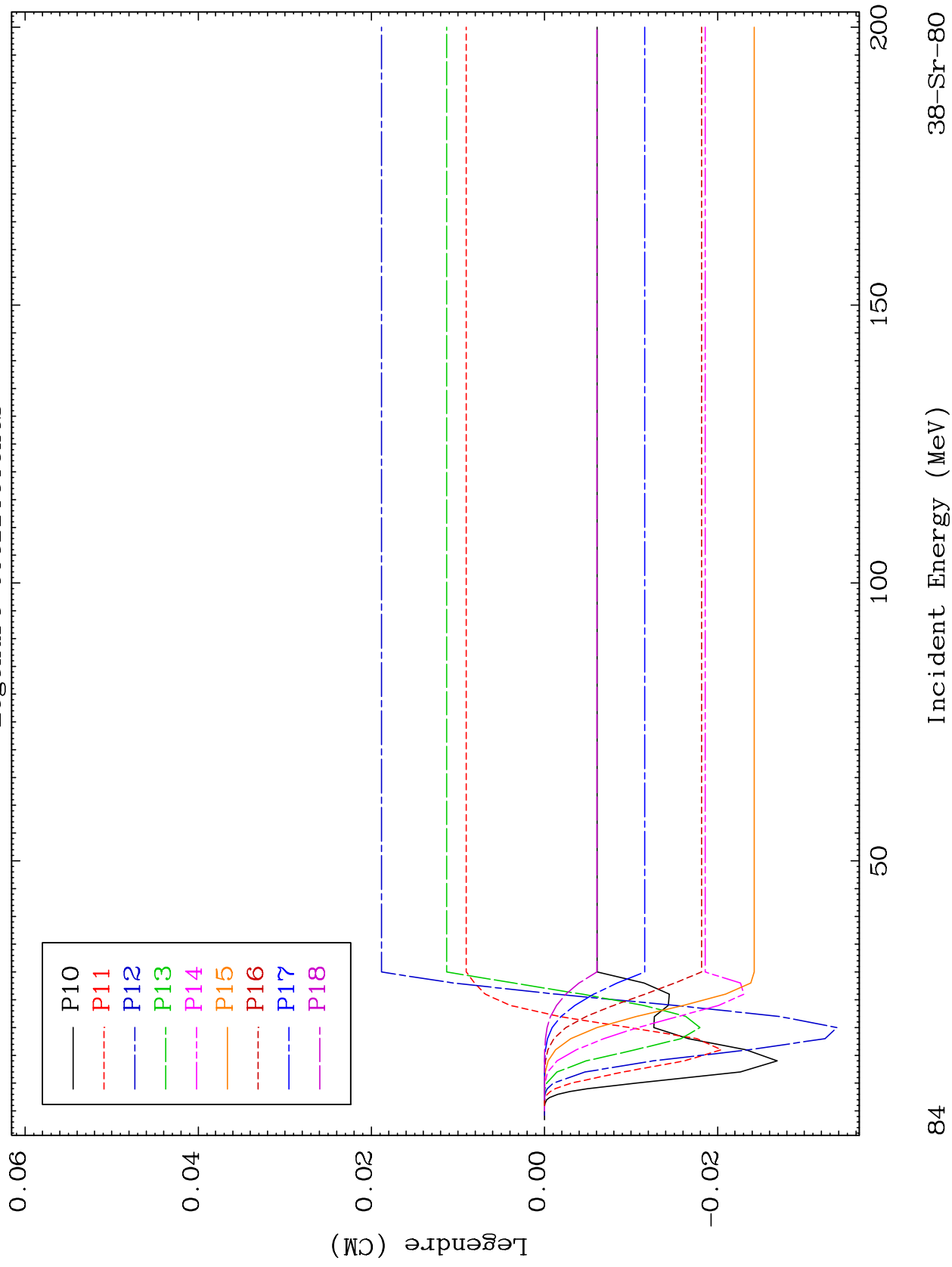
Incident Energy (MeV)

38-Sr-80

MAT 3813

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

38-Sr-80



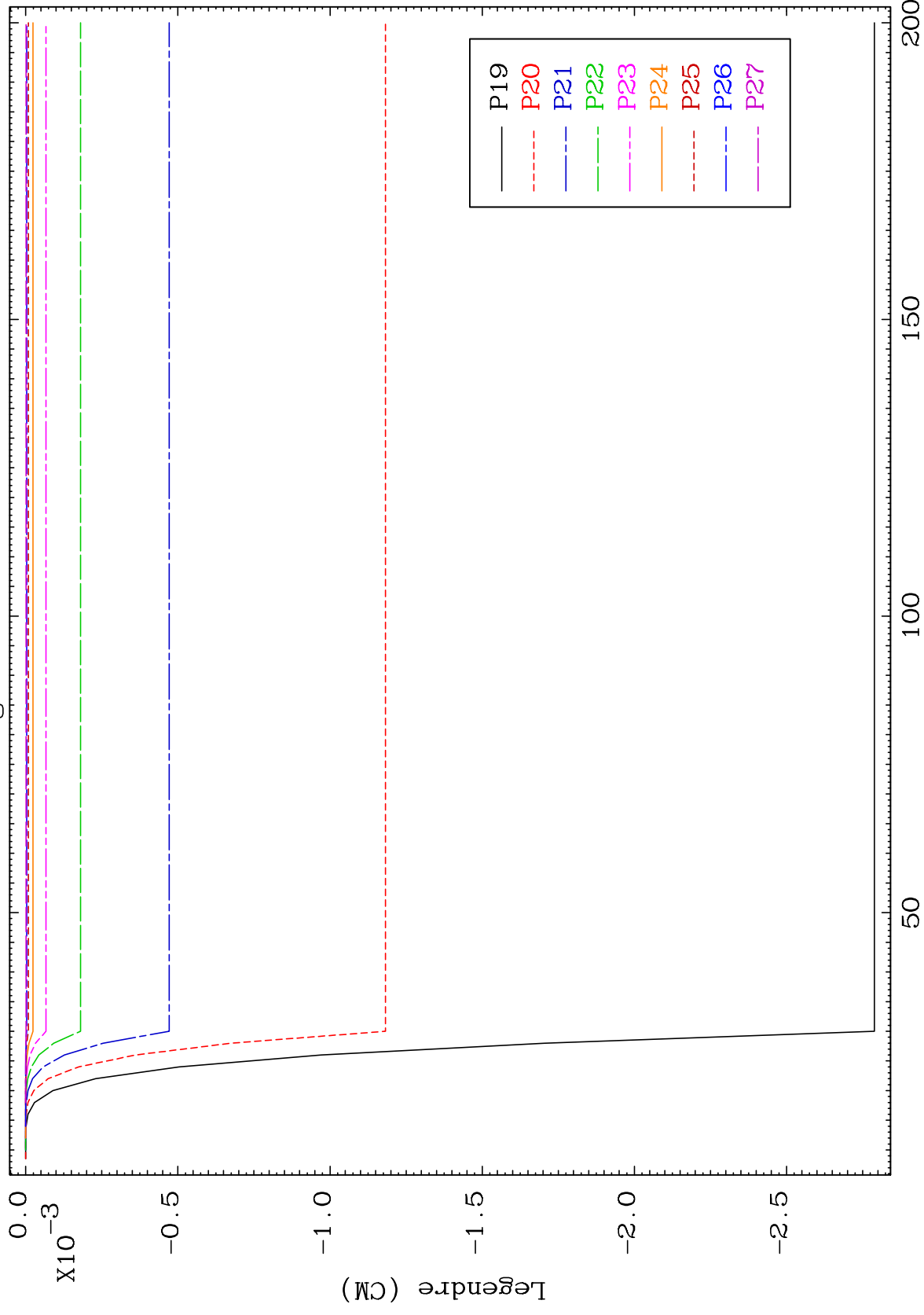
84

38-Sr-80

MAT 3813

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

38-Sr-80



85

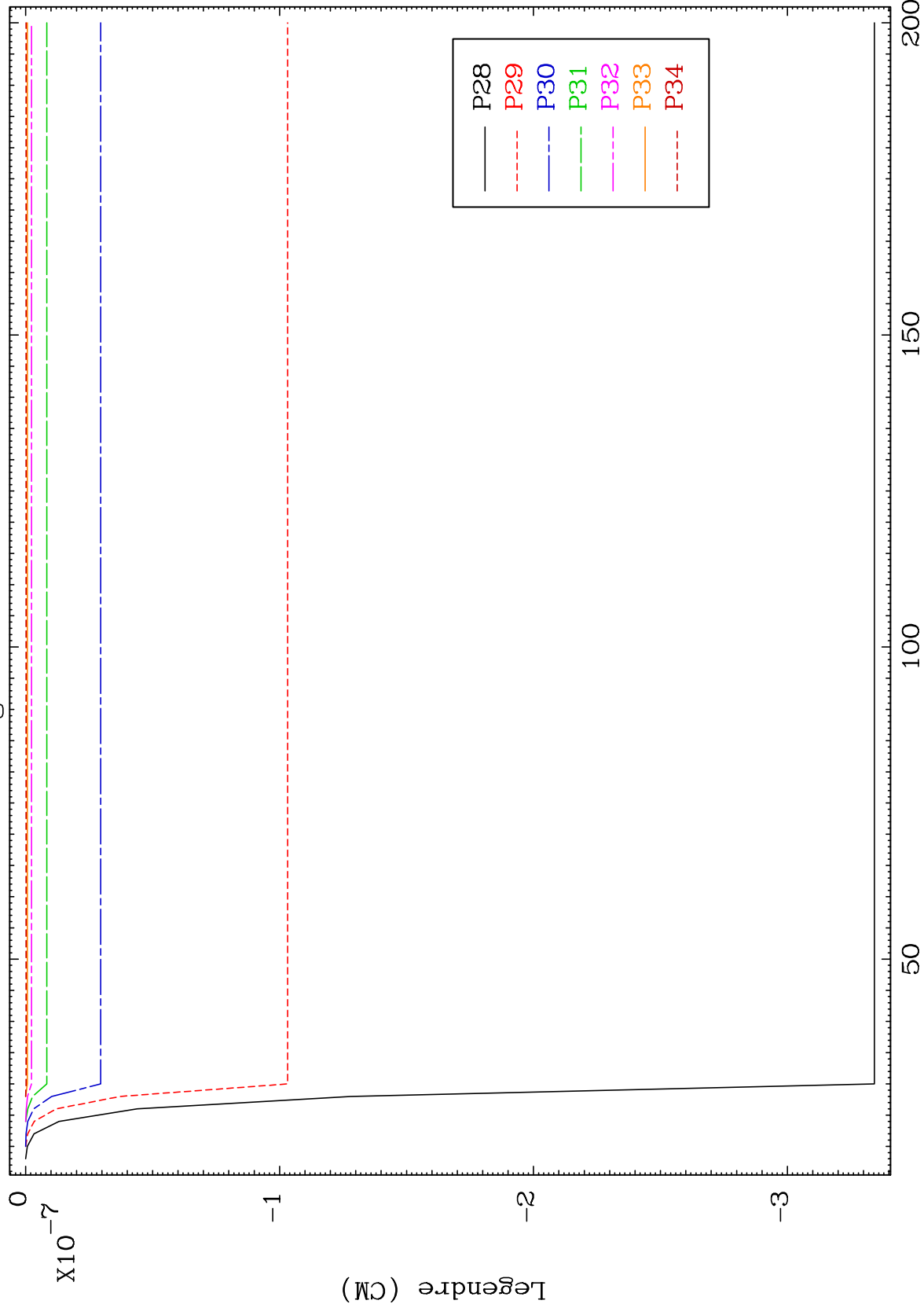
Incident Energy (MeV)

38-Sr-80

MAT 3813

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

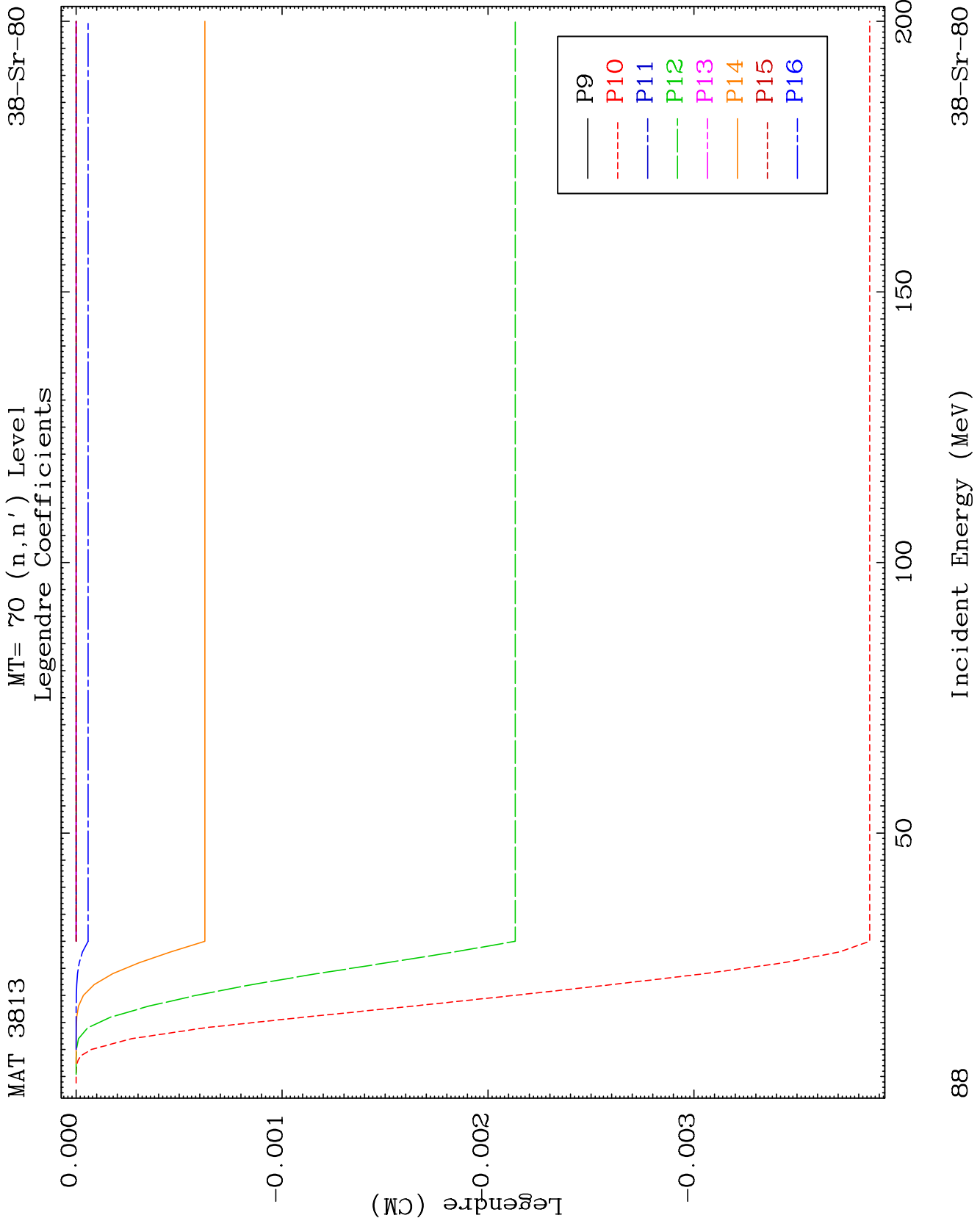
38-Sr-80

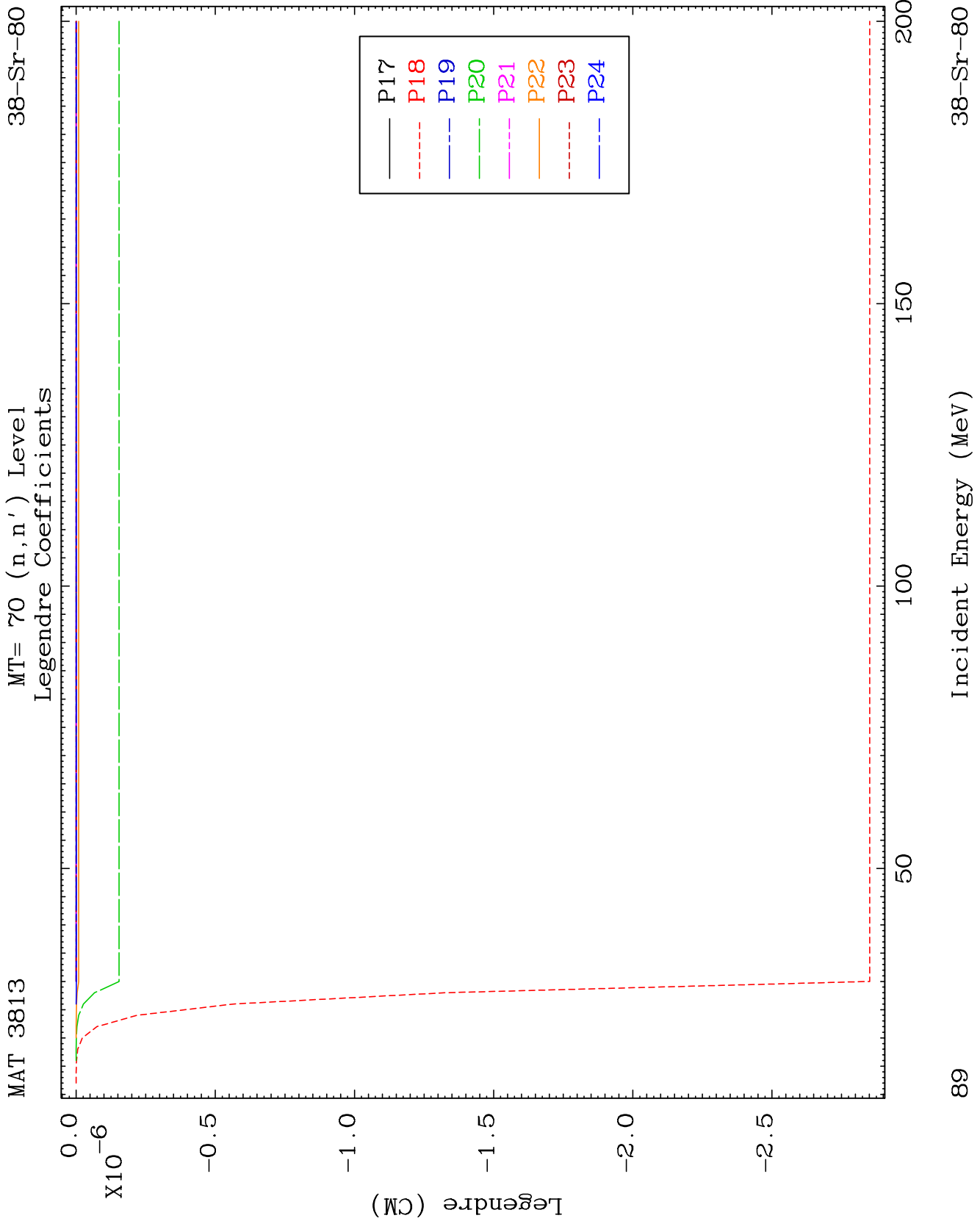


86

Incident Energy (MeV)

38-Sr-80

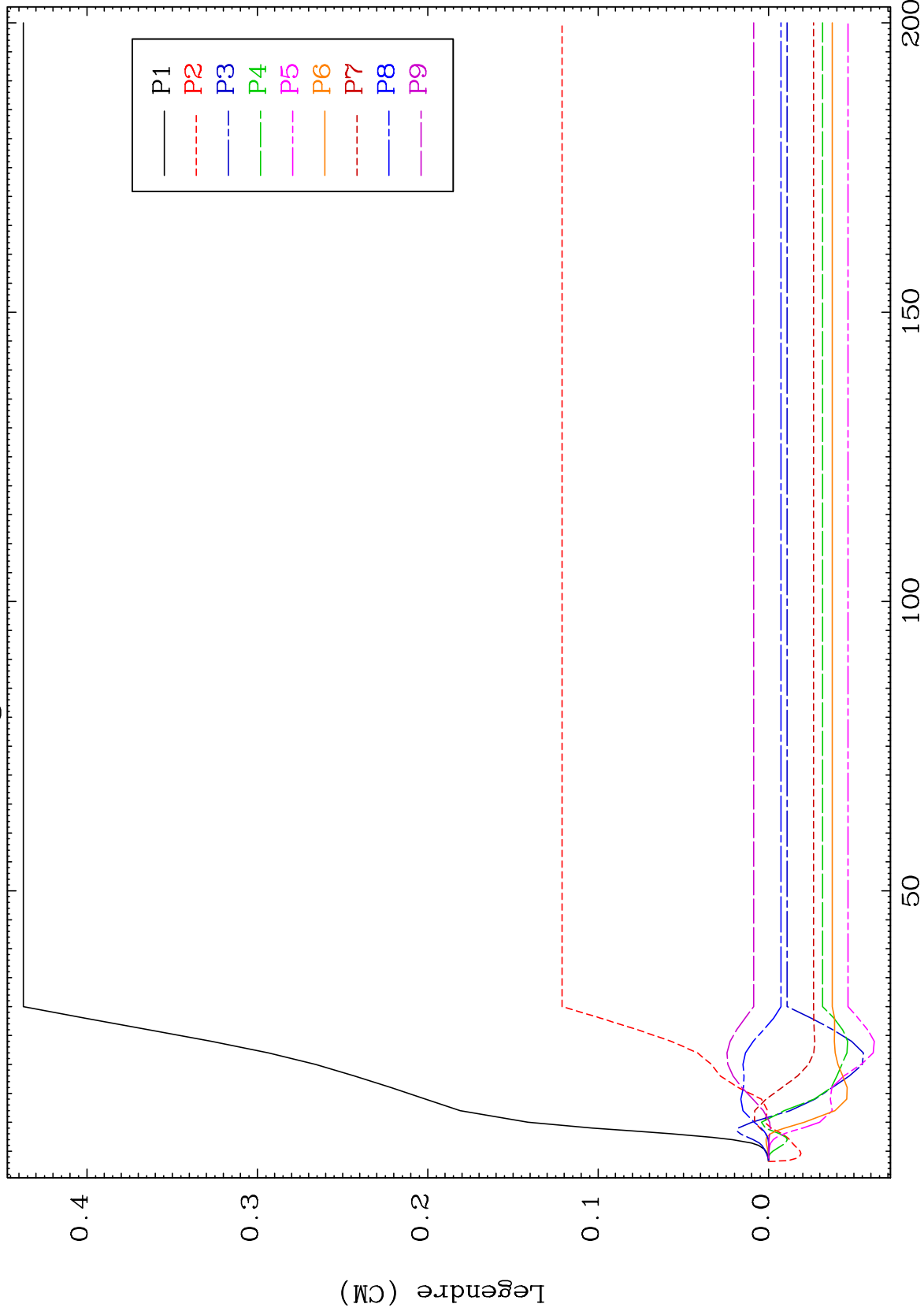




MAT 3813

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

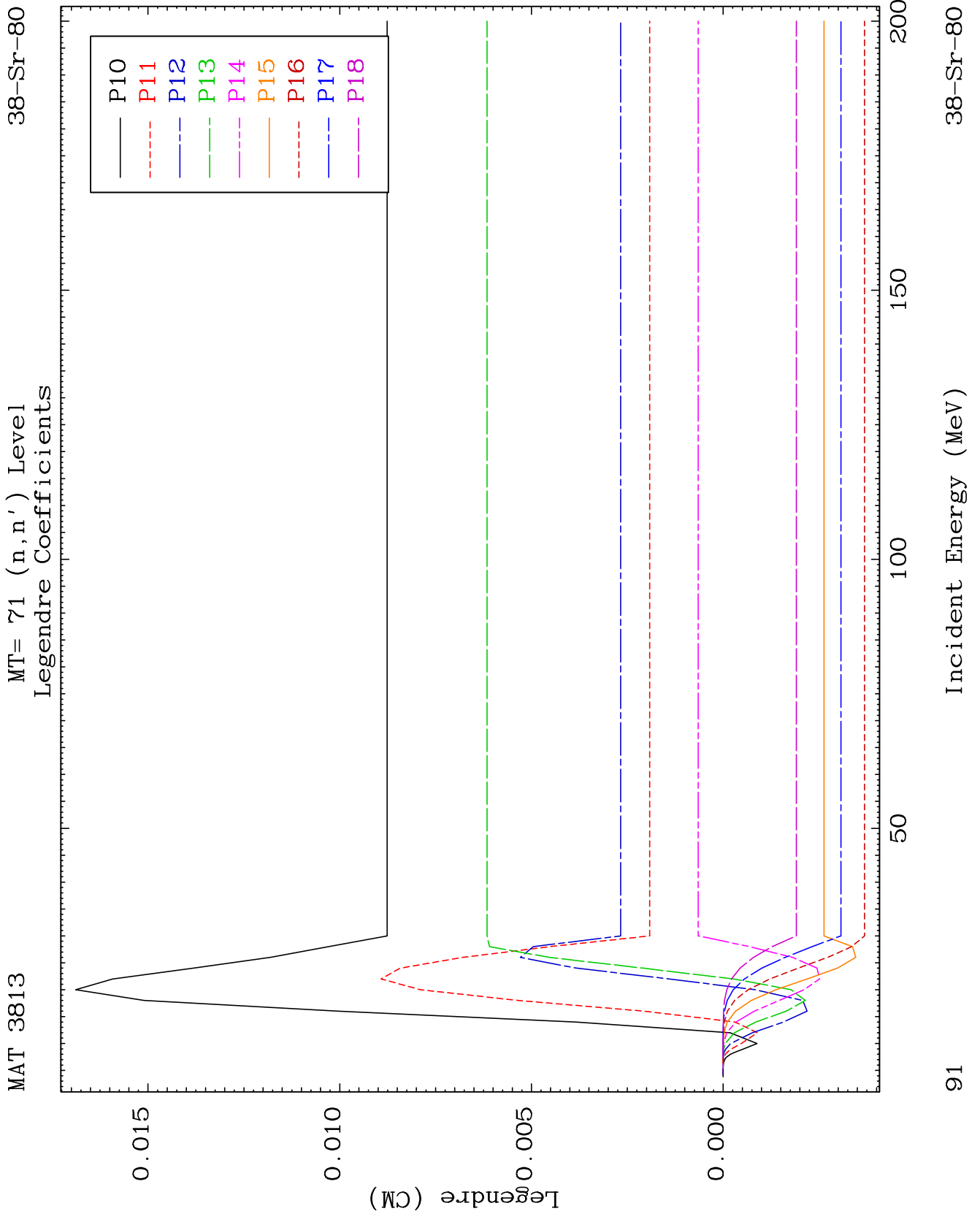
38-Sr-80



90

Incident Energy (MeV)

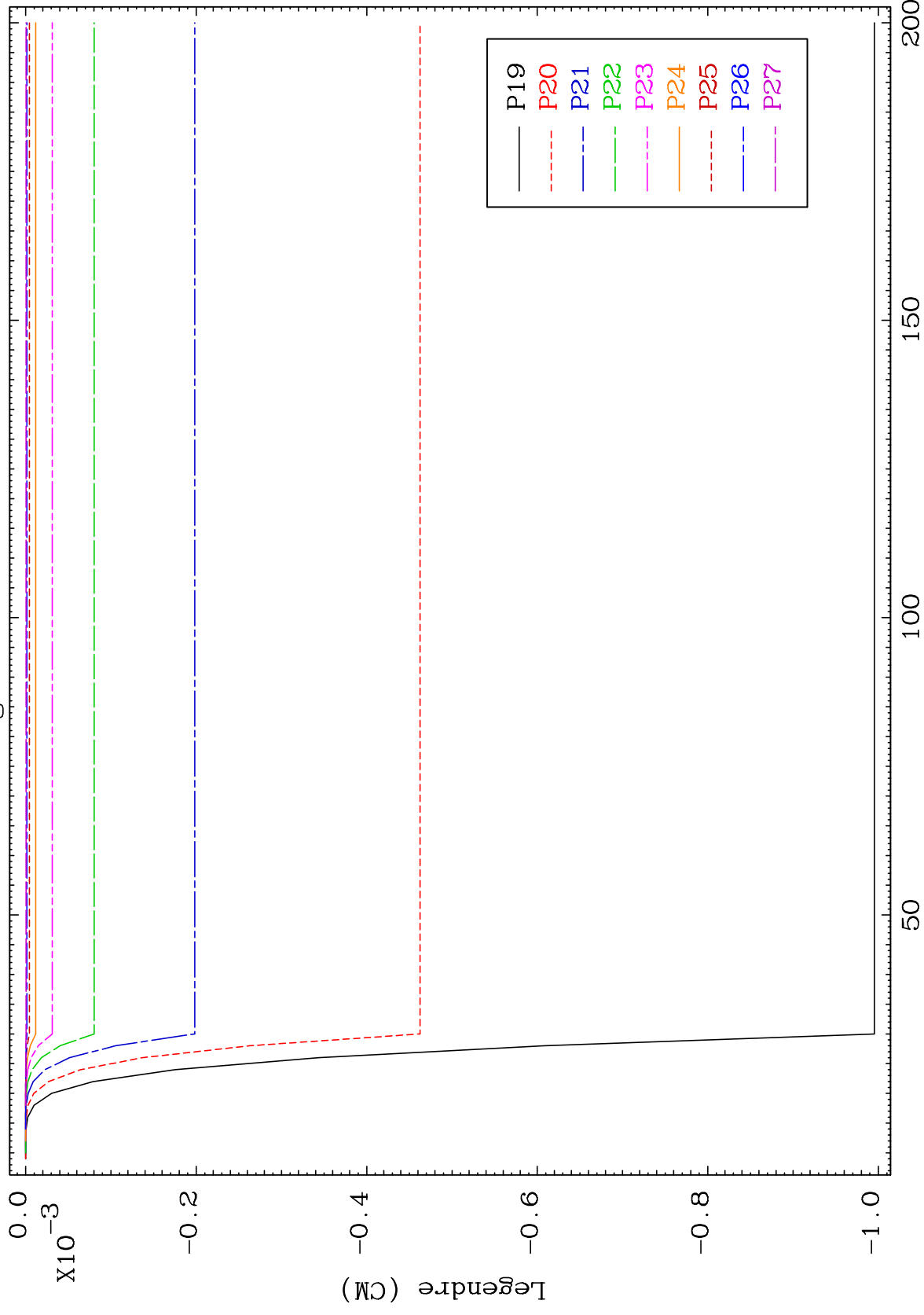
38-Sr-80

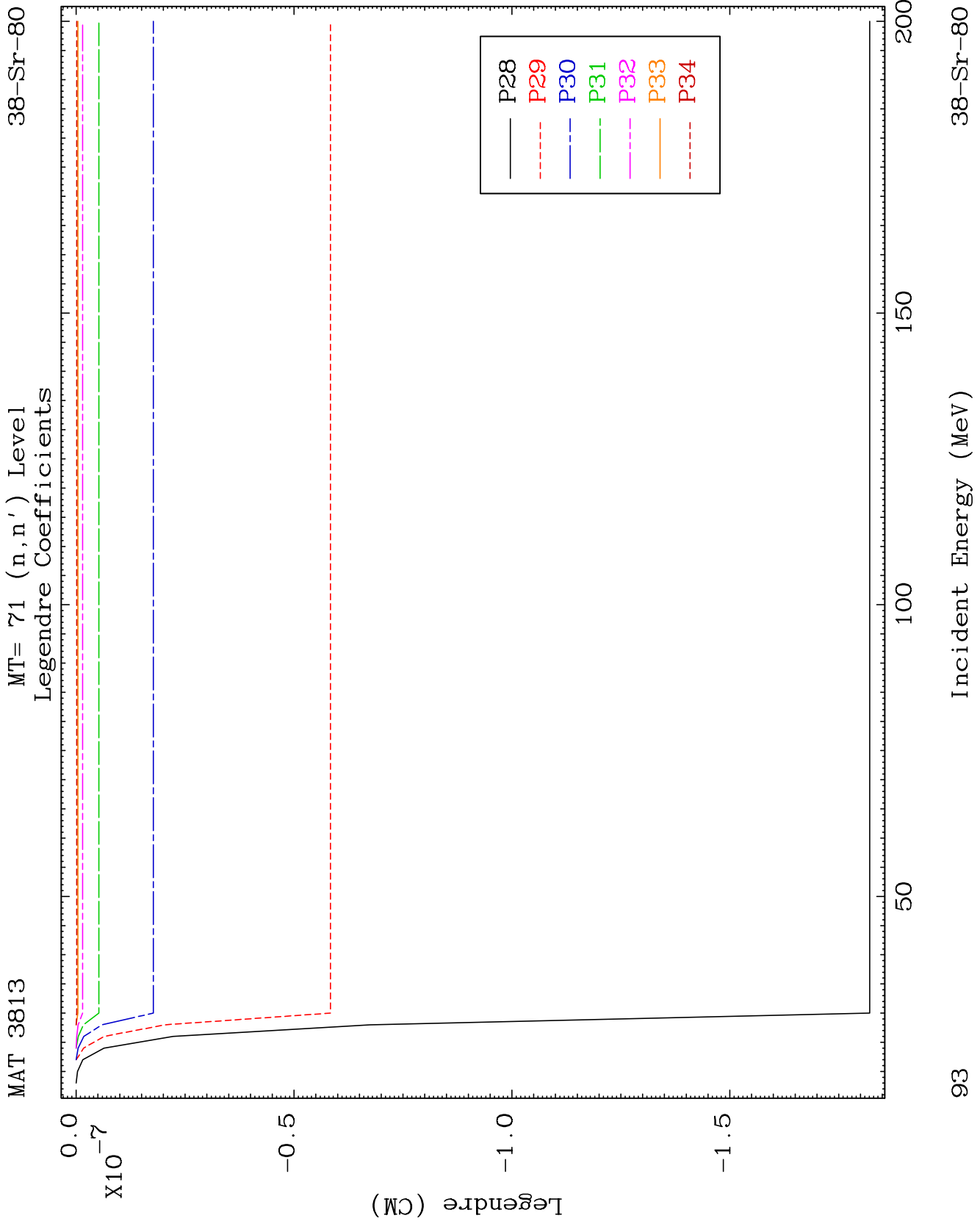


MAT 3813

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

38-Sr-80

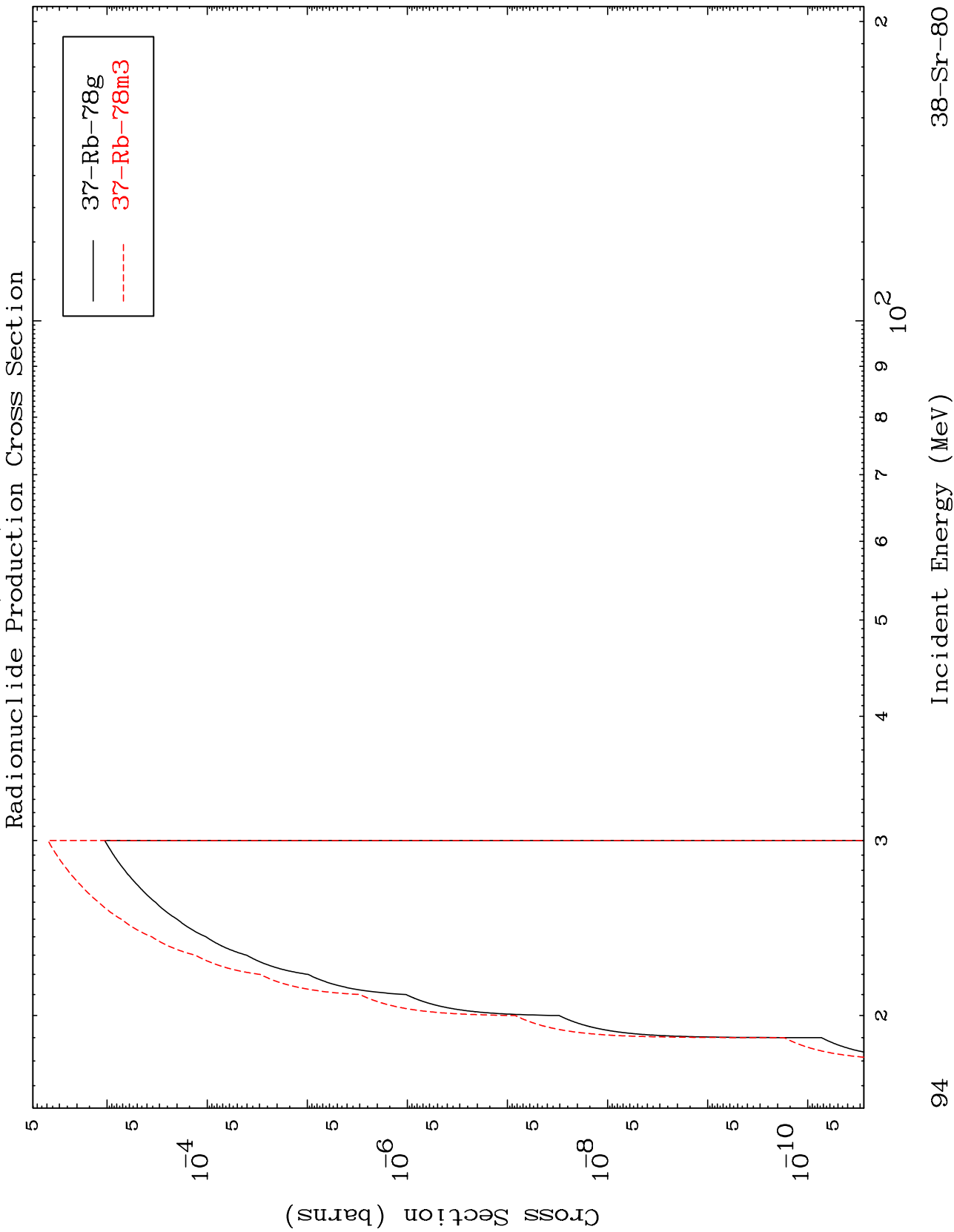




MAT 3813

(n,n') d

38-Sr-80



94

Incident Energy (MeV)

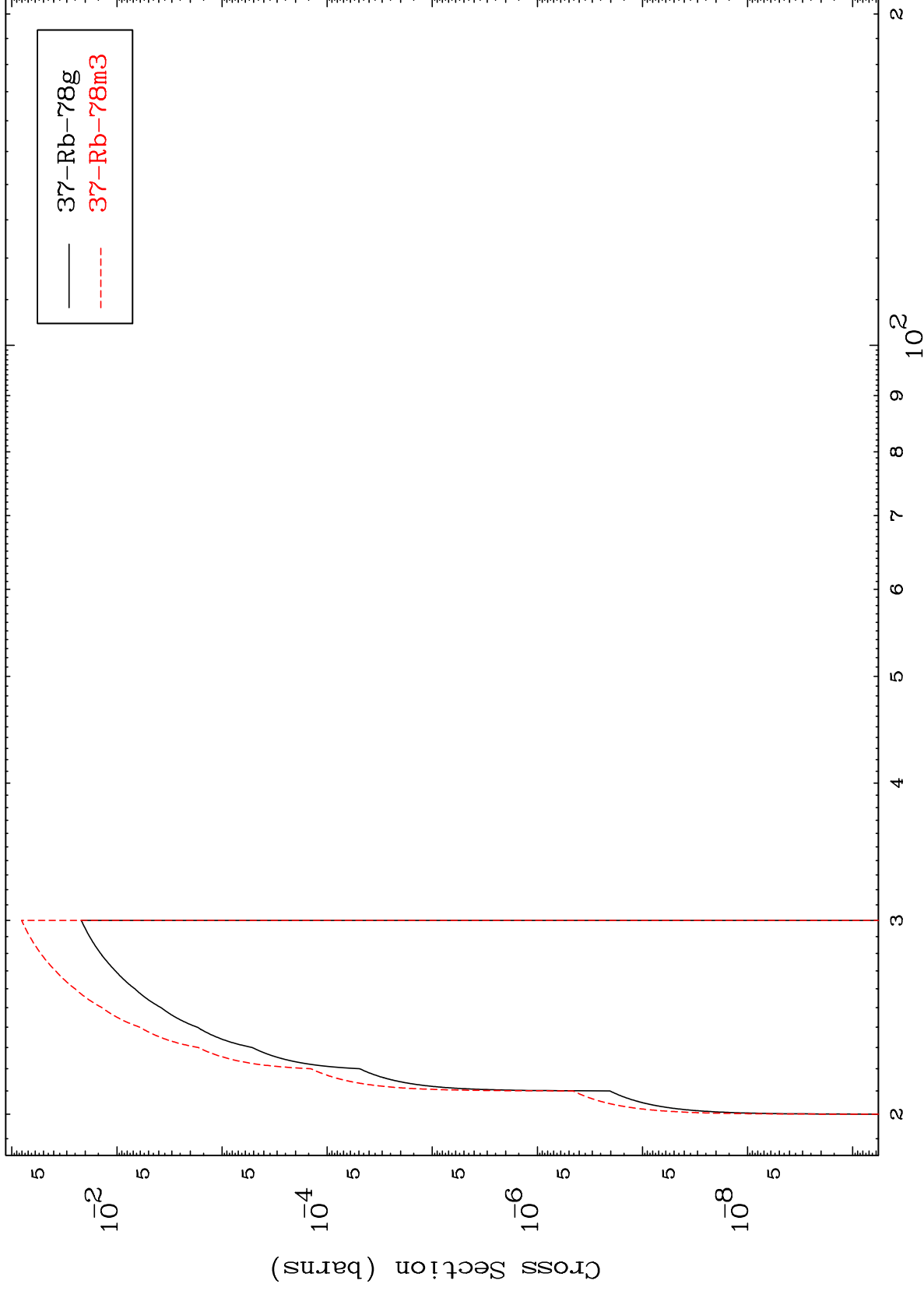
38-Sr-80

MAT 3813

(n,2n) p

38-Sr-80

Radionuclide Production Cross Section



95

Incident Energy (MeV)

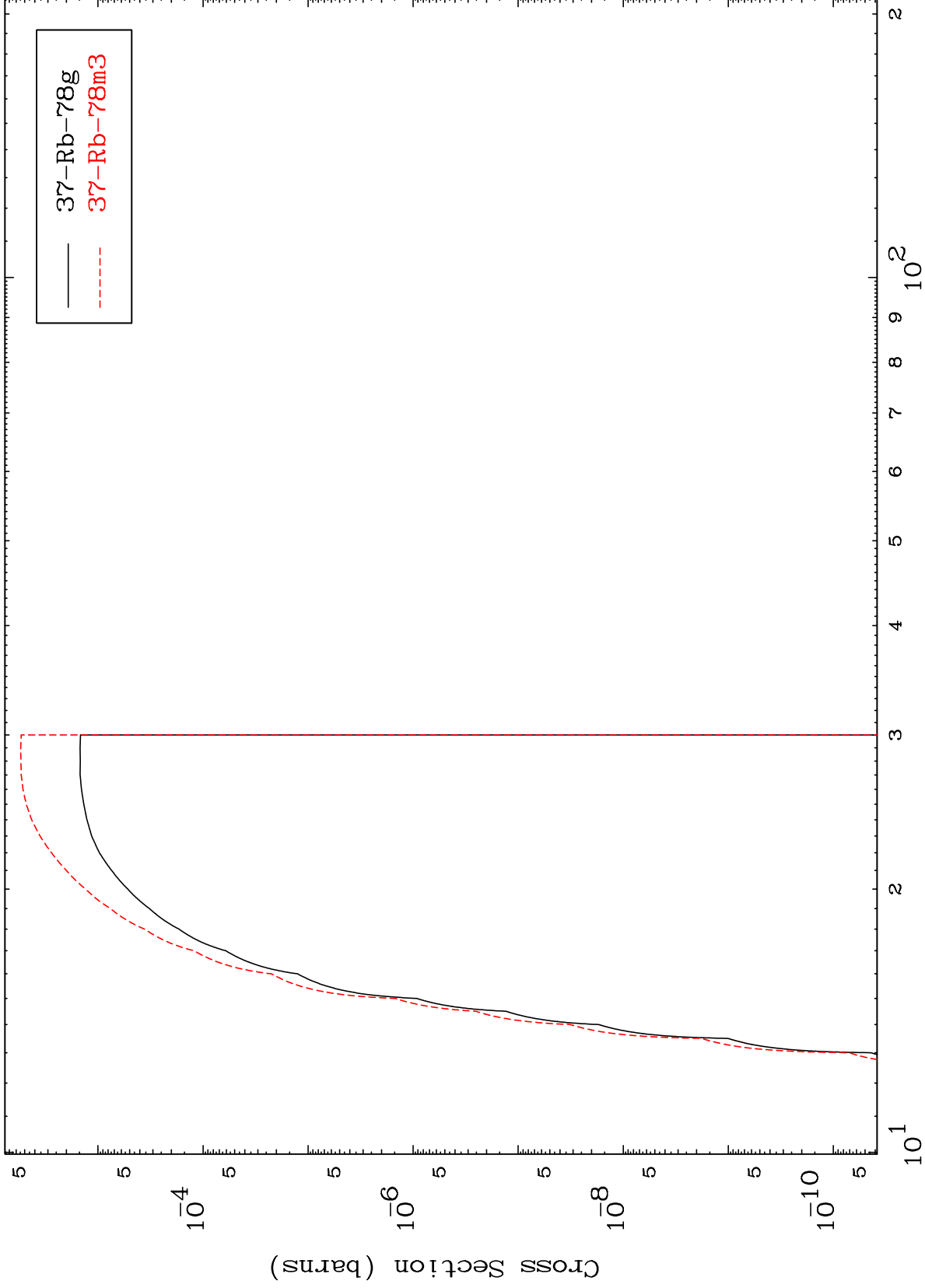
38-Sr-80

MAT 3813

(n, t)

38-Sr-80

Radionuclide Production Cross Section



Incident Energy (MeV)

38-Sr-80

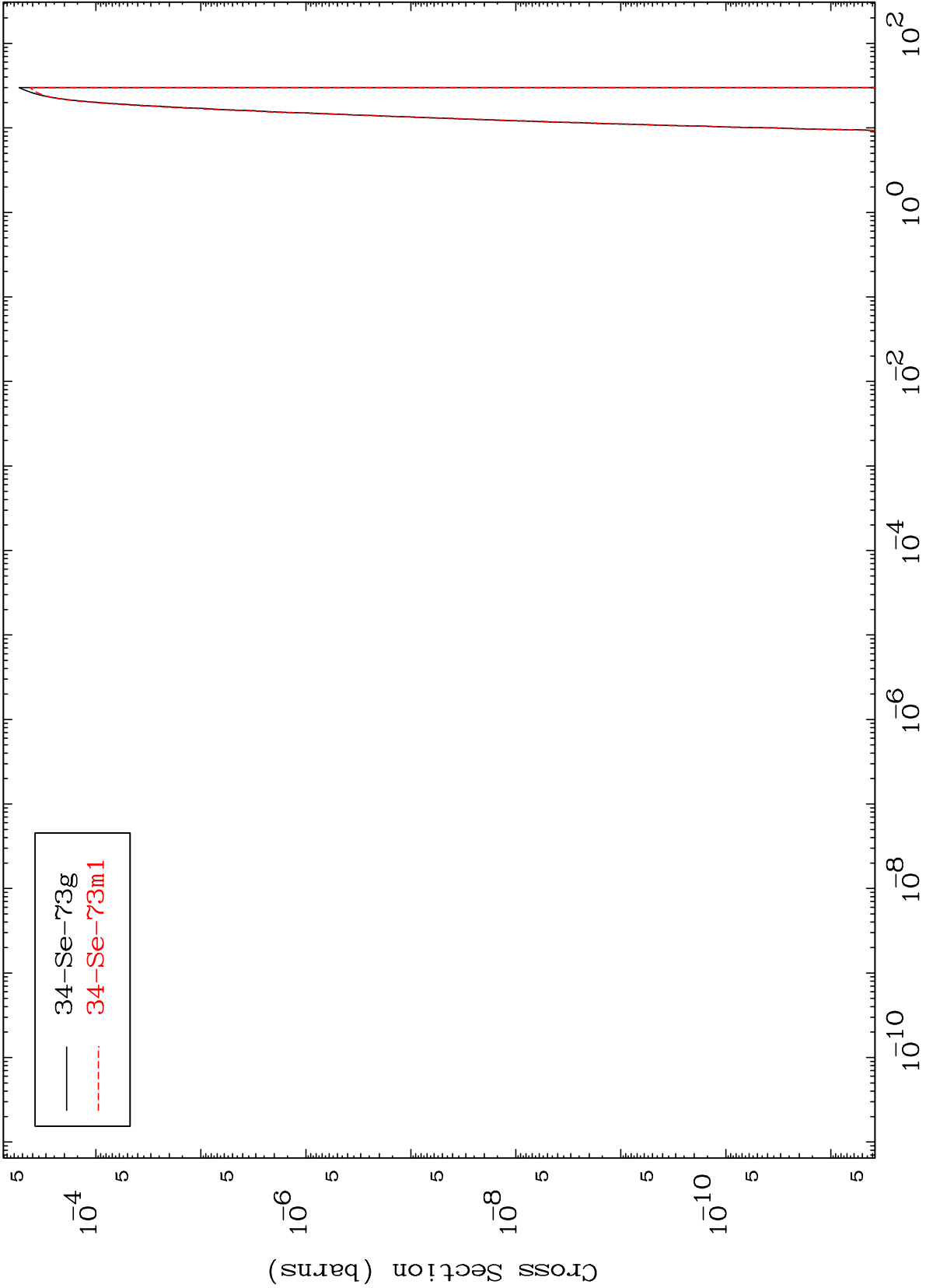
96

MAT 3813

(n,2α)

38-Sr-80

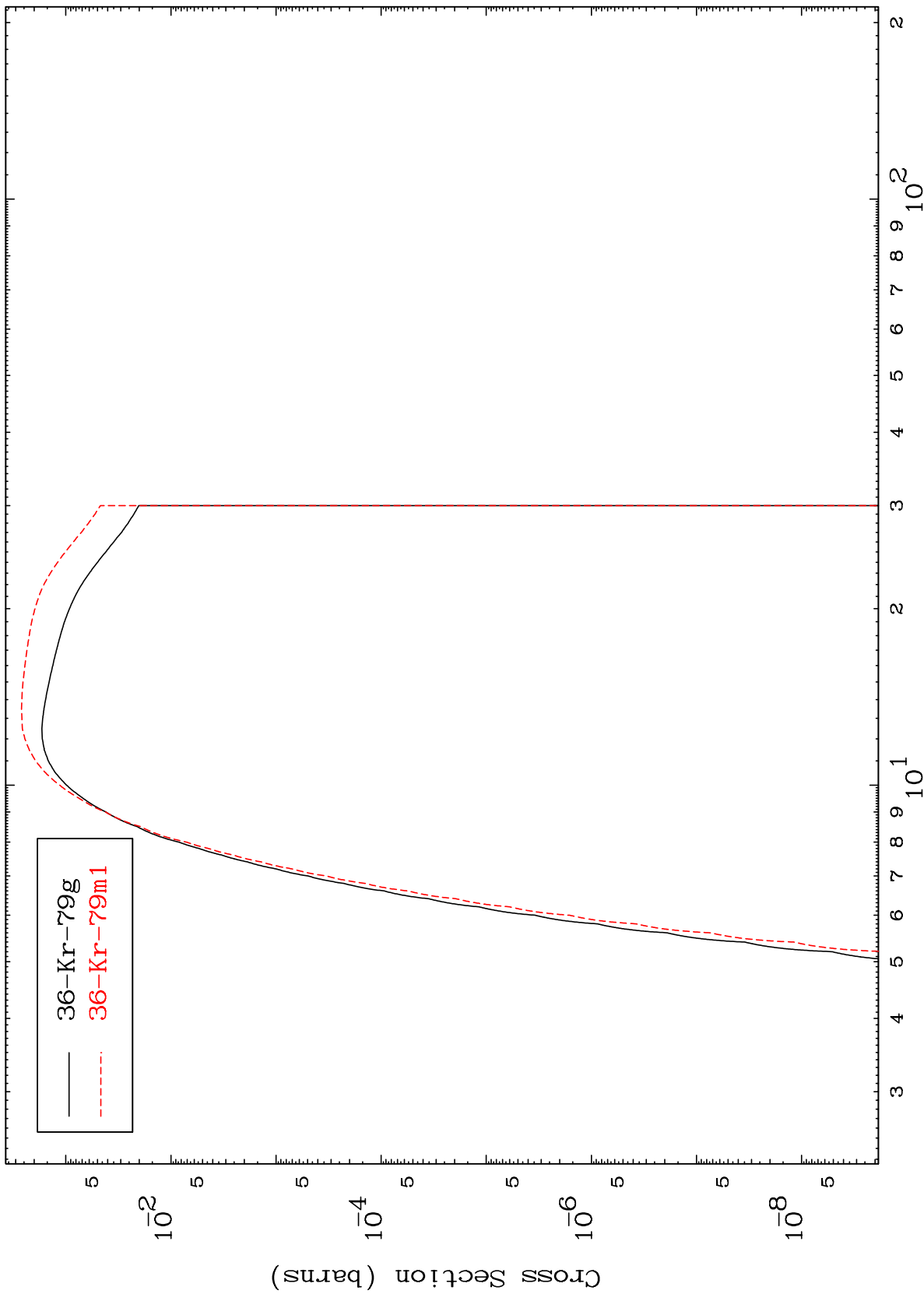
Radionuclide Production Cross Section



MAT 3813

38-Sr-80

Radionuclide Production Cross Section
(n,2p)



98

Incident Energy (MeV)

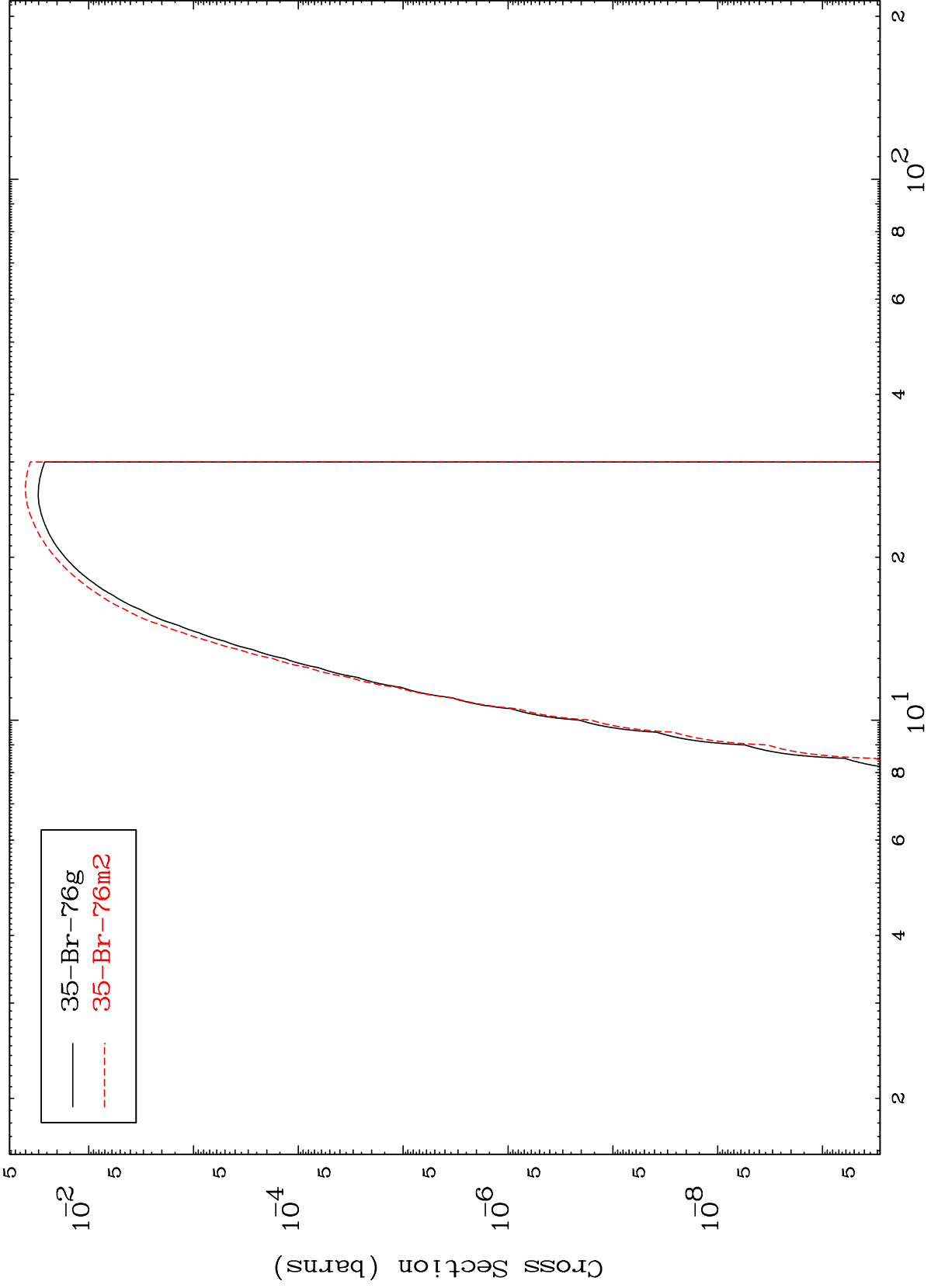
38-Sr-80

MAT 3813

(n,p) α

38-Sr-80

Radionuclide Production Cross Section



99

Incident Energy (MeV)

38-Sr-80