

Program EVALPLOT
(Version 2021-1)

by

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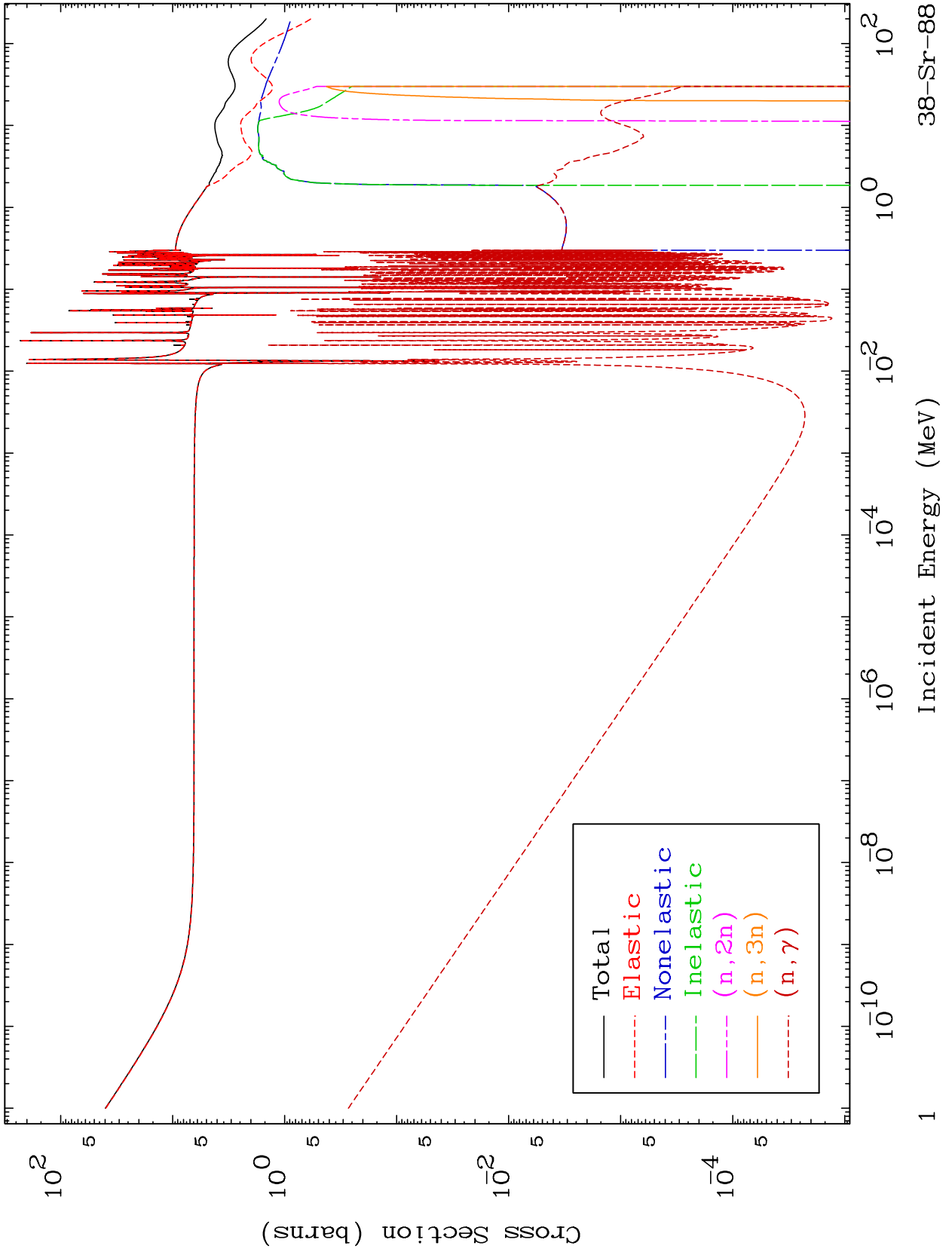
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Press Mouse Button to Start

MAT 3837

Neutron Major
293 Kelvin Cross Sections

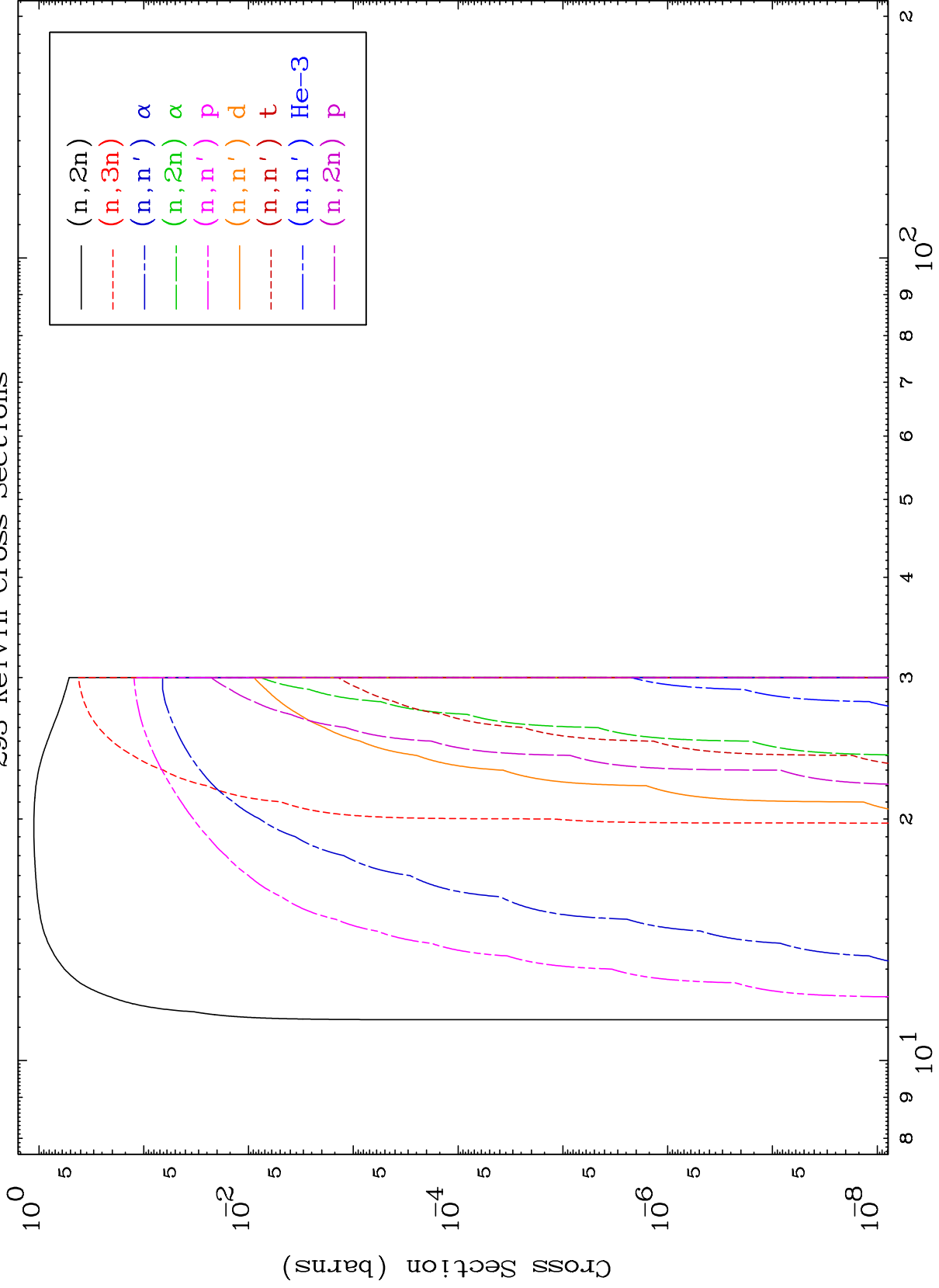
38-Sr-88



MAT 3837

Neutron Absorption
293 Kelvin Cross Sections

38-Sr-88



2

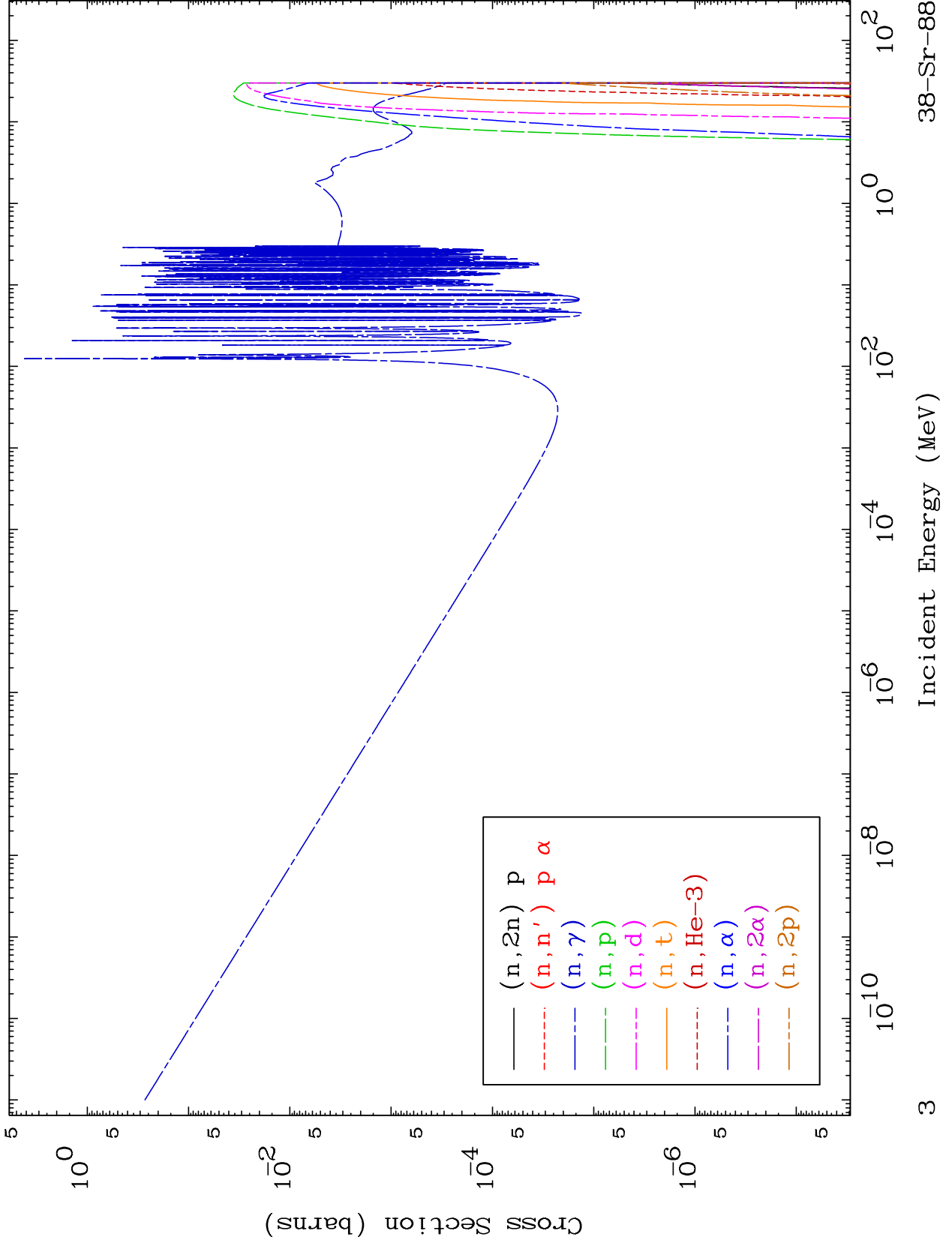
Incident Energy (MeV)

38-Sr-88

MAT 3837

Neutron Absorption
293 Kelvin Cross Sections

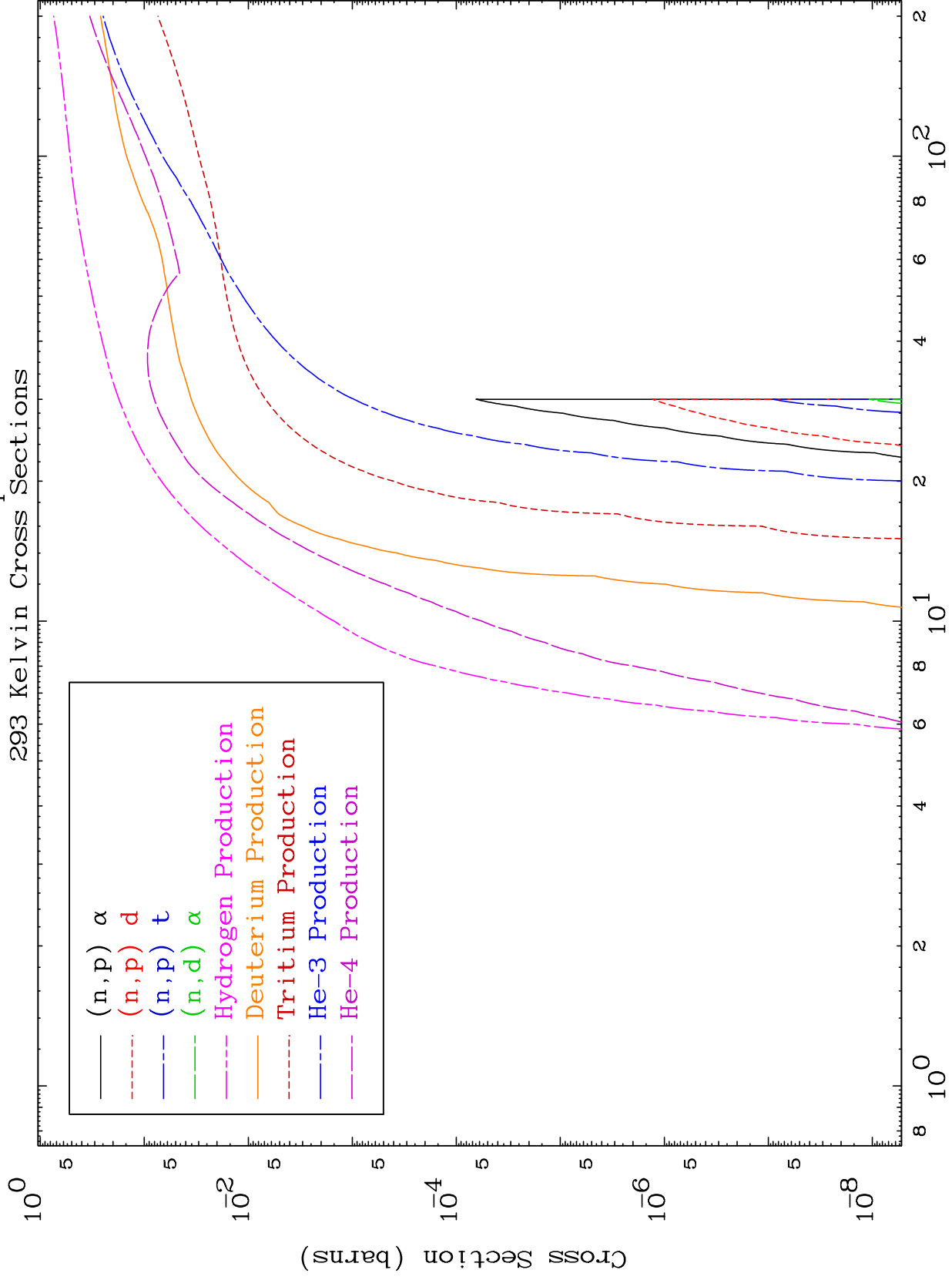
38-Sr-88



MAT 3837

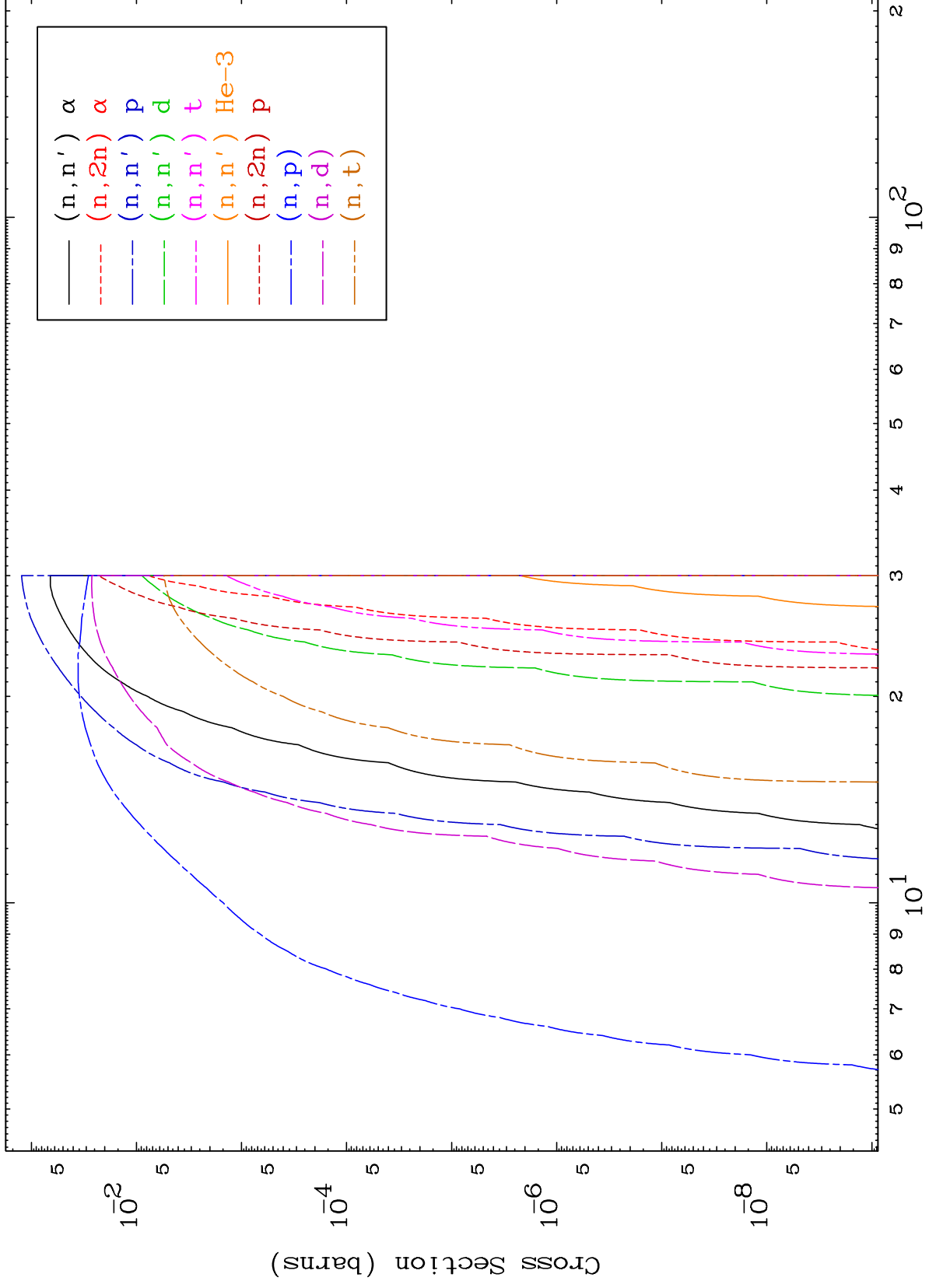
Neutron Absorption
293 Kelvin Cross Sections

38-Sr-88



Incident Energy (MeV)

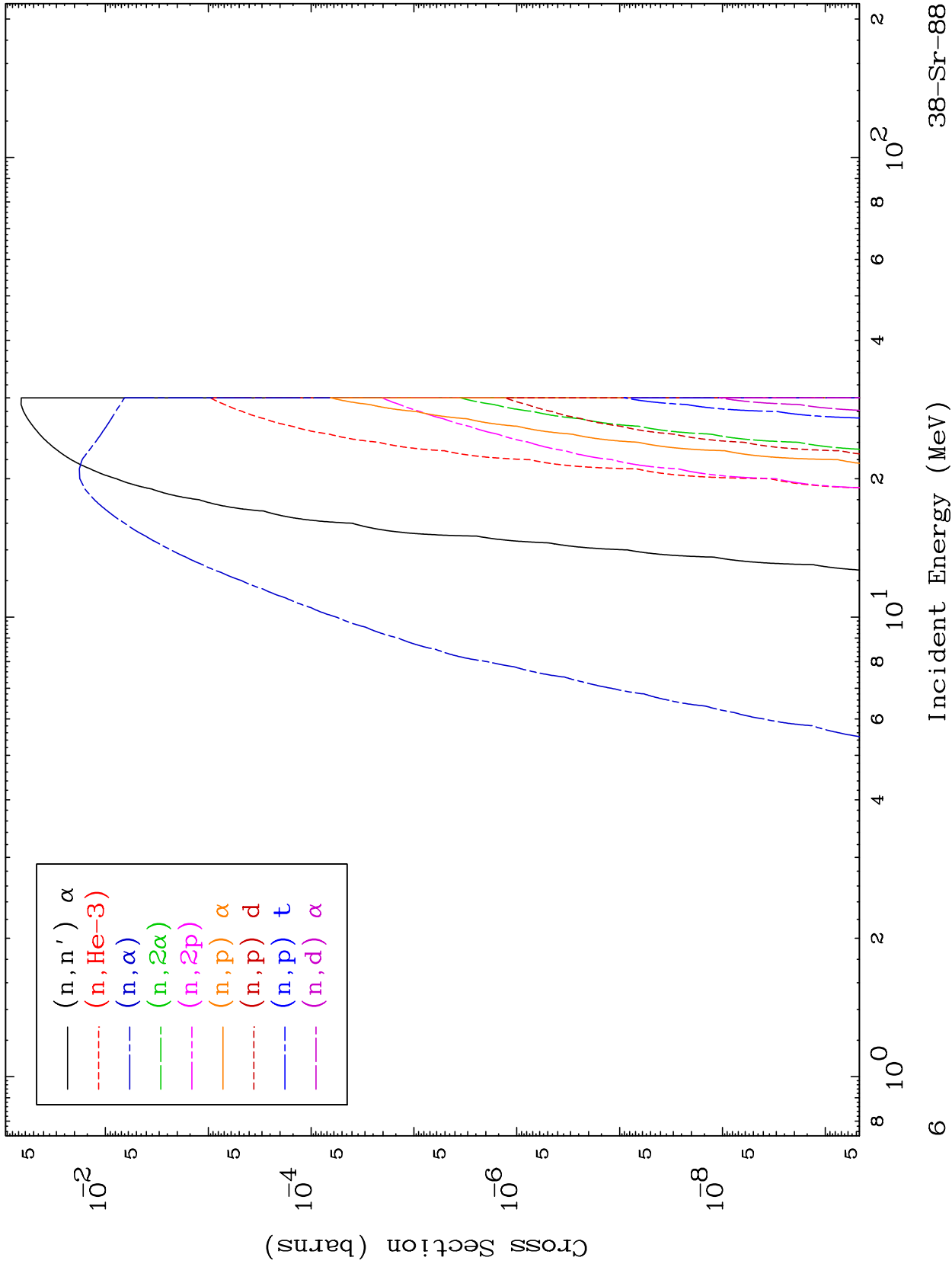
38-Sr-88



MAT 3837

Charged Particle
293 Kelvin Cross Sections

38-Sr-88



38-Sr-88

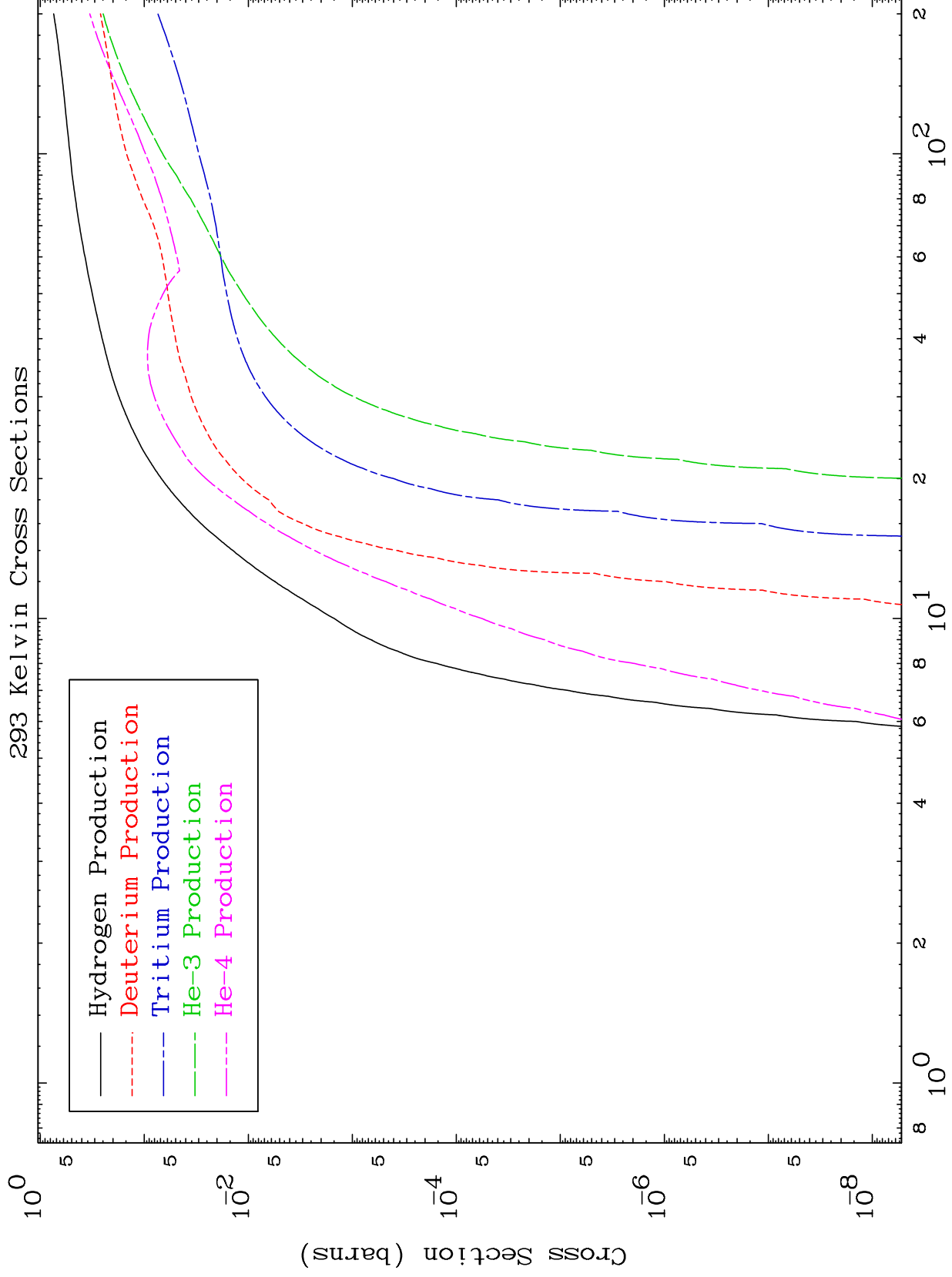
Incident Energy (MeV)

6

MAT 3837

Particle Production
293 Kelvin Cross Sections

38-Sr-88



7

Incident Energy (MeV)

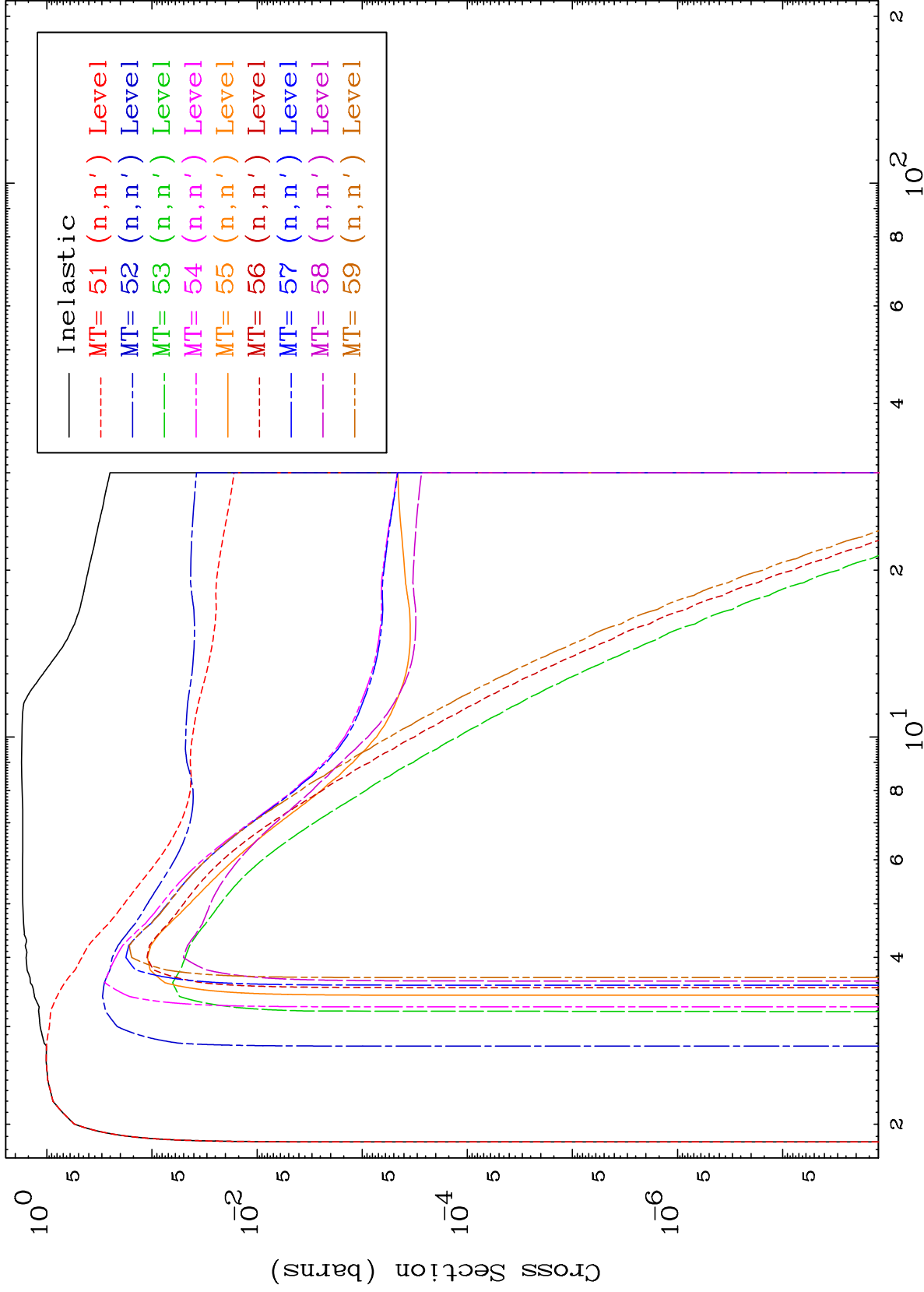
38-Sr-88

MAT 3837

(n,n') Levels

38-Sr-88

293 Kelvin Cross Sections



8

Incident Energy (MeV)

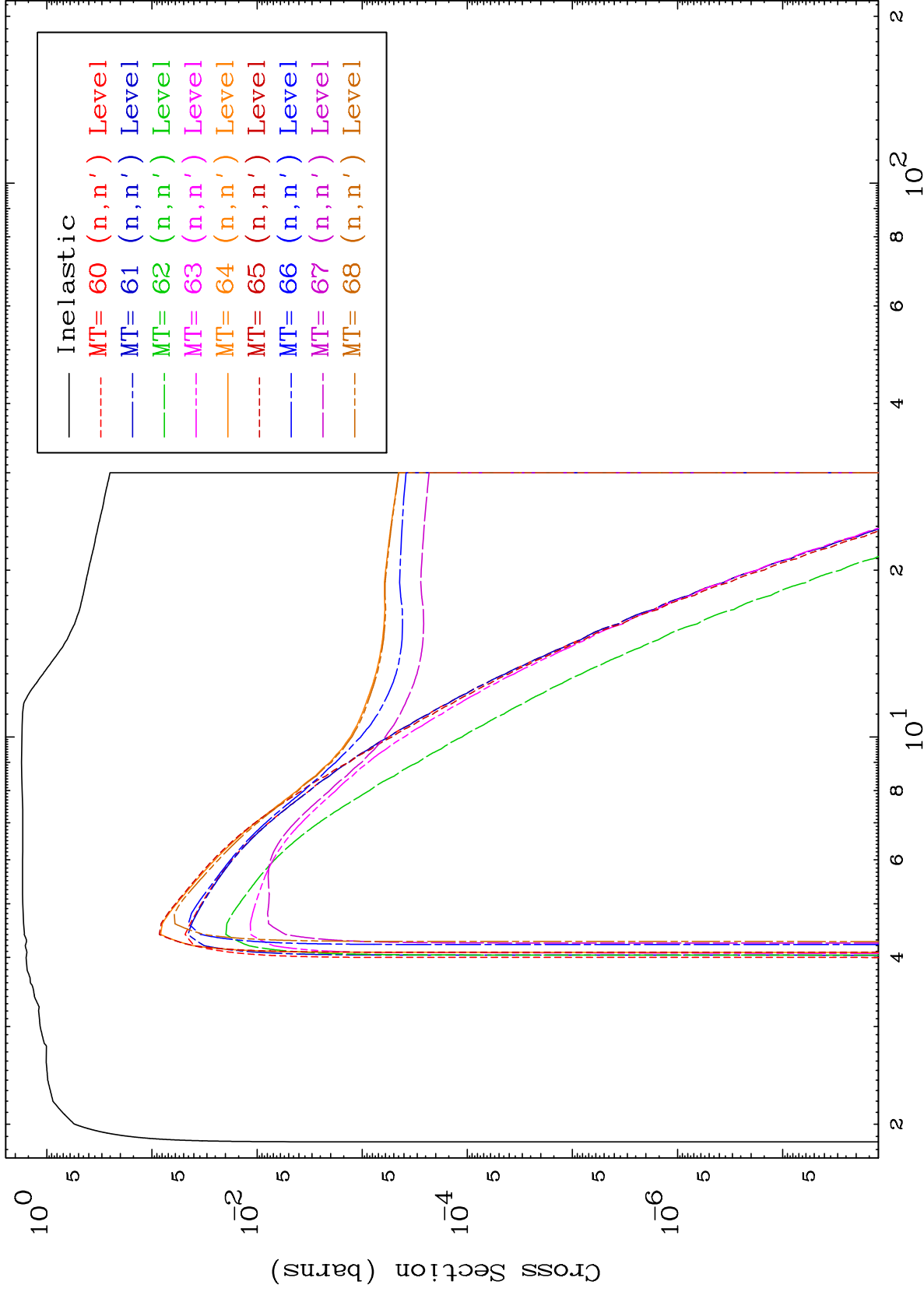
38-Sr-88

MAT 3837

(n,n') Levels

38-Sr-88

293 Kelvin Cross Sections

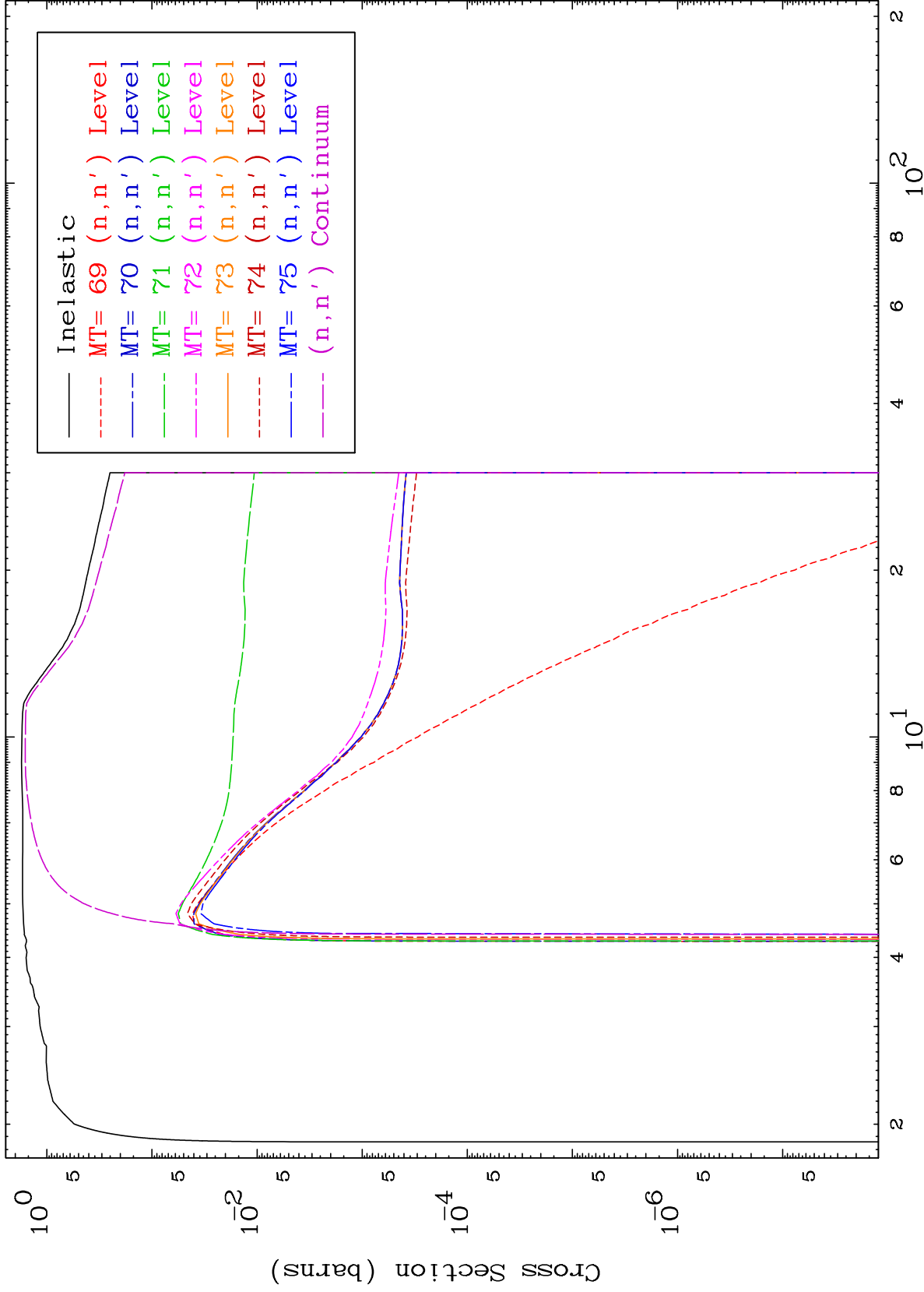


MAT 3837

(n,n') Levels

38-Sr-88

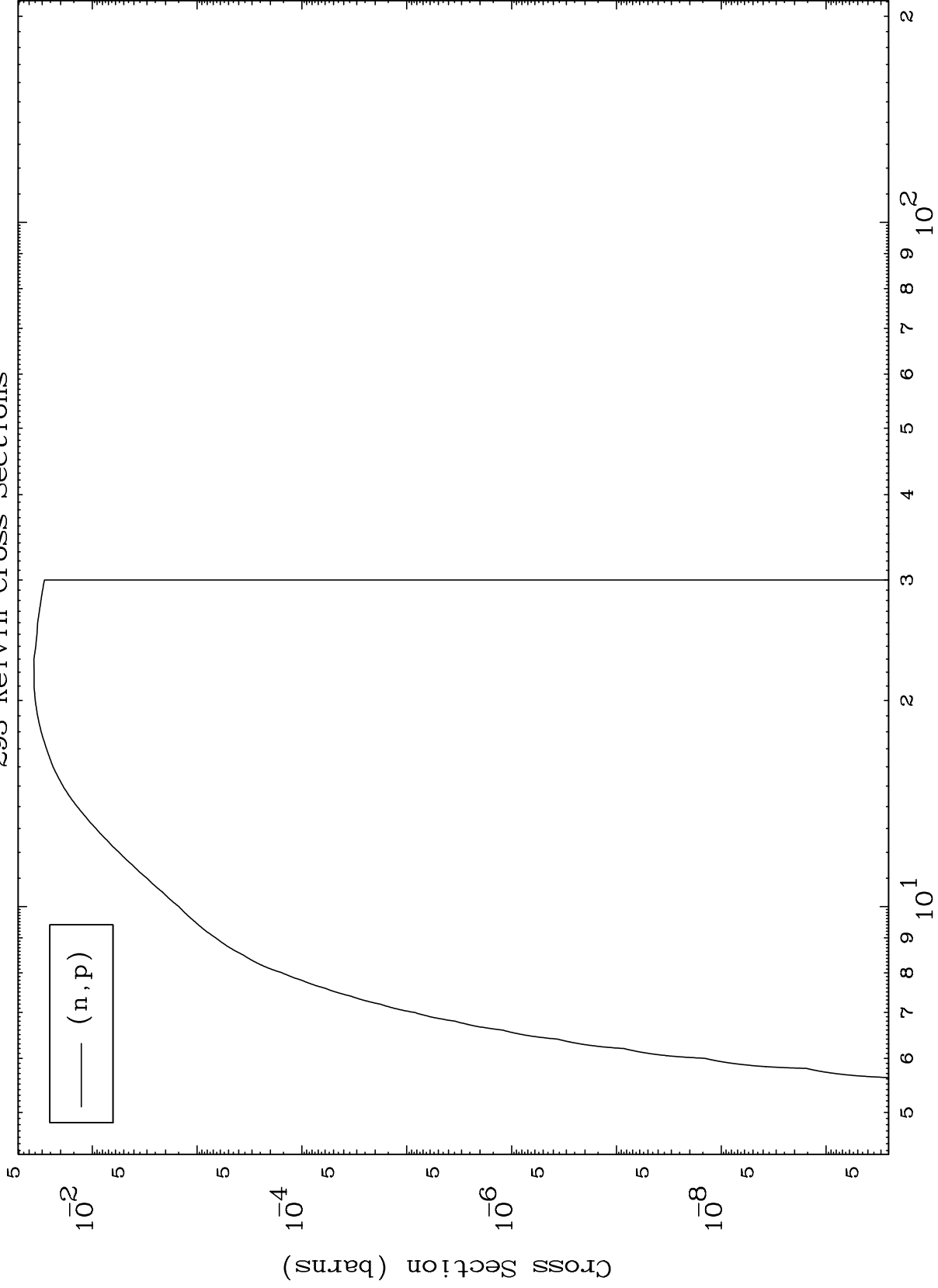
293 Kelvin Cross Sections



10

Incident Energy (MeV)

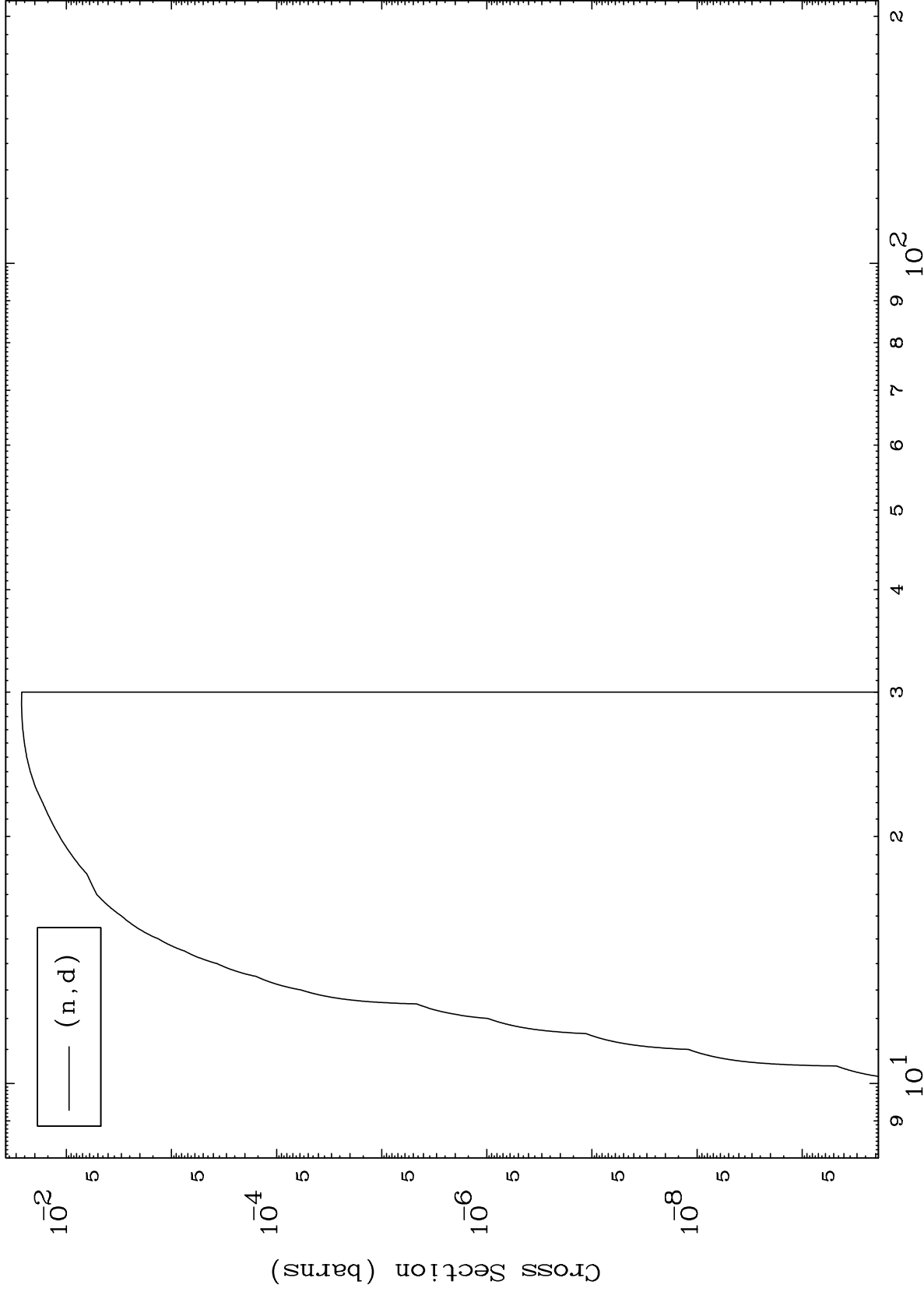
38-Sr-88



MAT 3837

(n,d) Levels
293 Kelvin Cross Sections

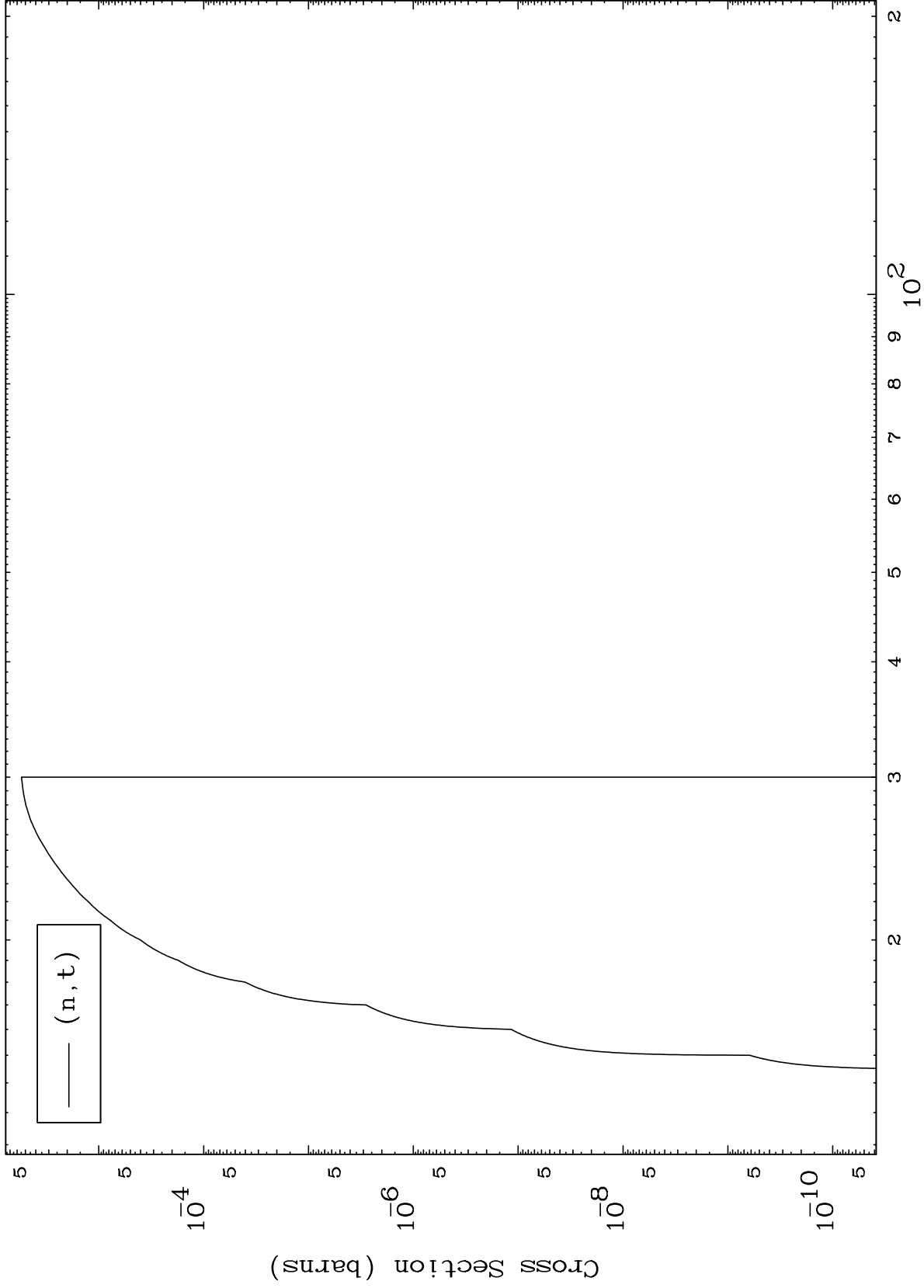
38-Sr-88



12

Incident Energy (MeV)

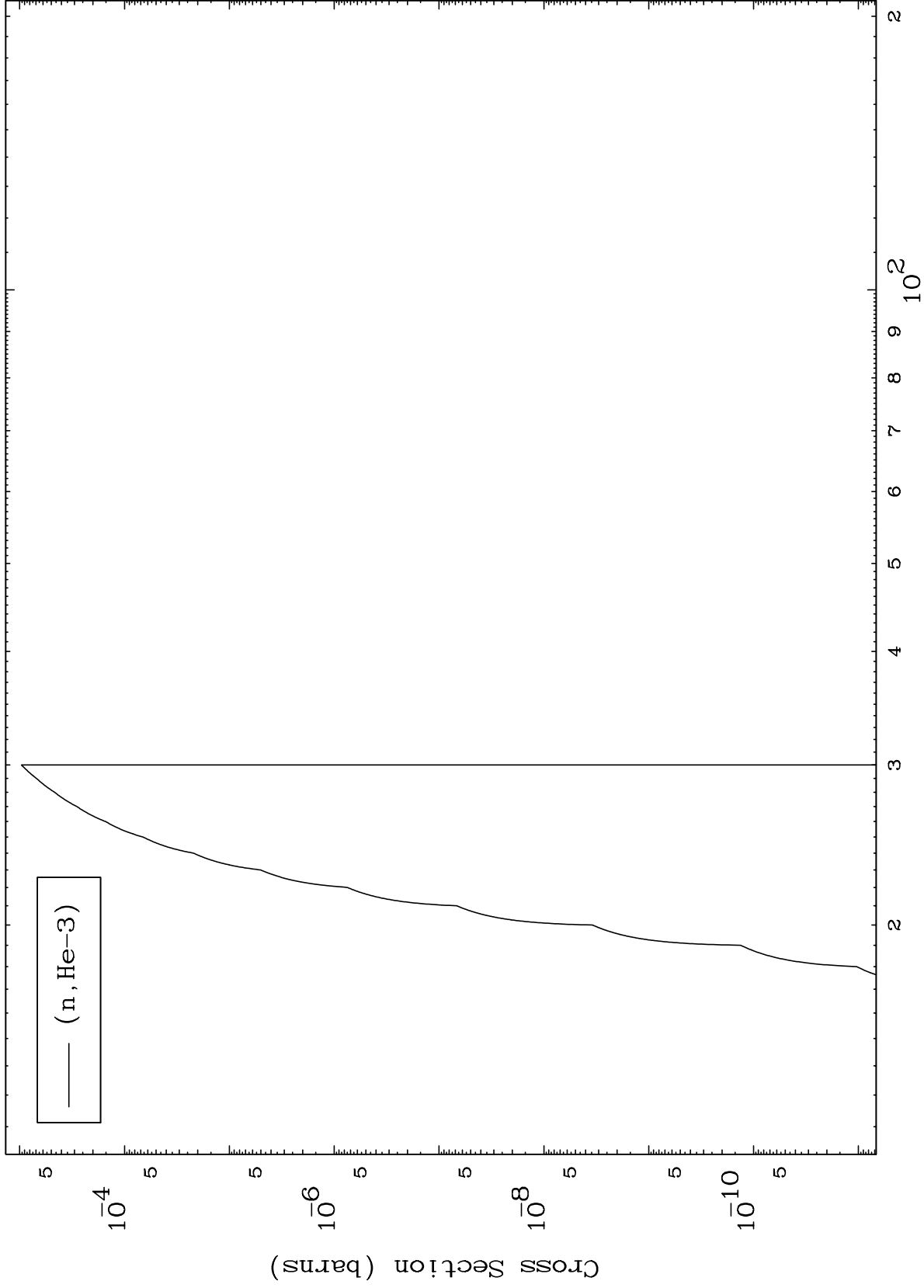
38-Sr-88



MAT 3837

(n,He3) Levels
293 Kelvin Cross Sections

38-Sr-88



14

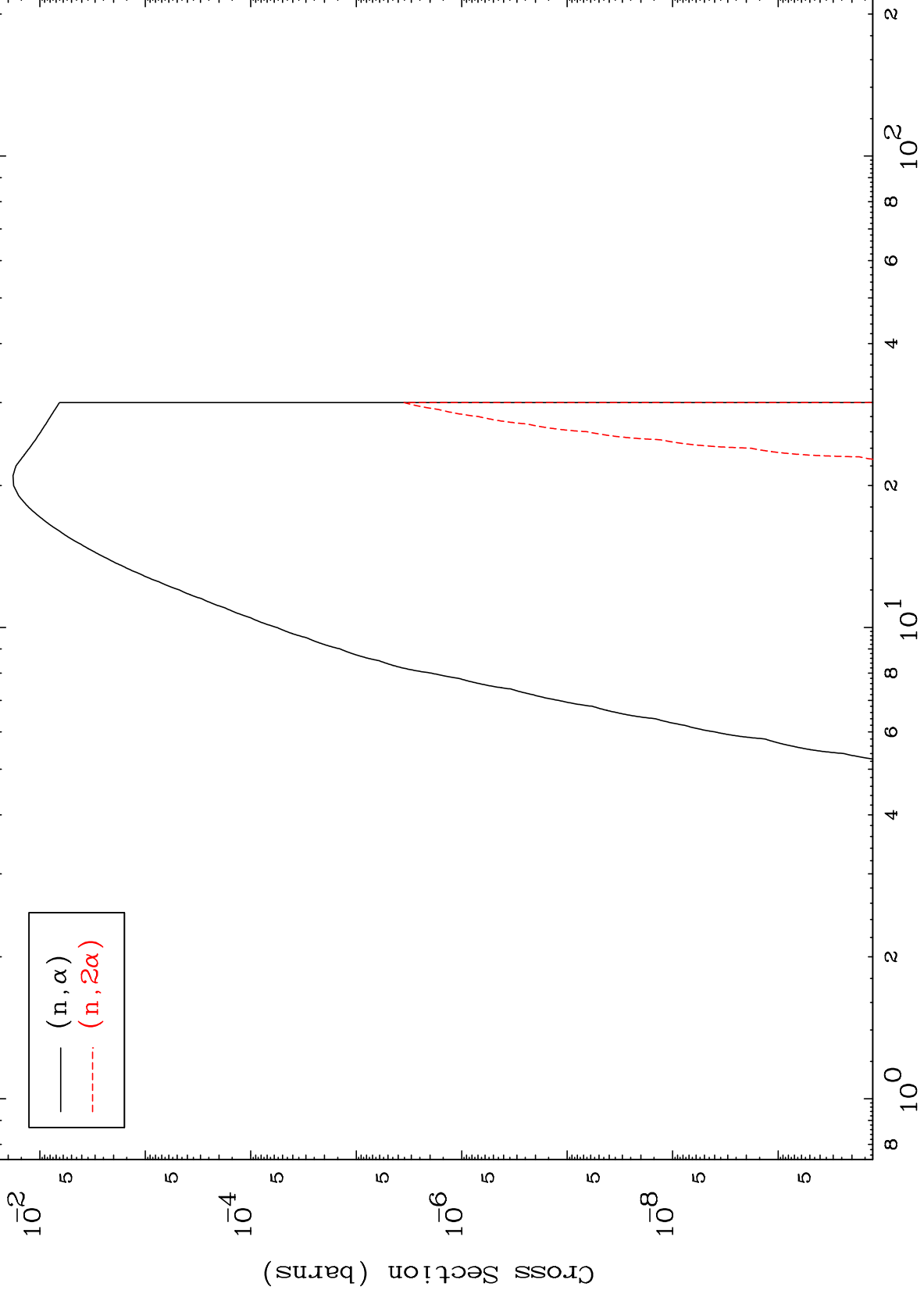
Incident Energy (MeV)

38-Sr-88

MAT 3837

(n,α) Levels
293 Kelvin Cross Sections

38-Sr-88



15

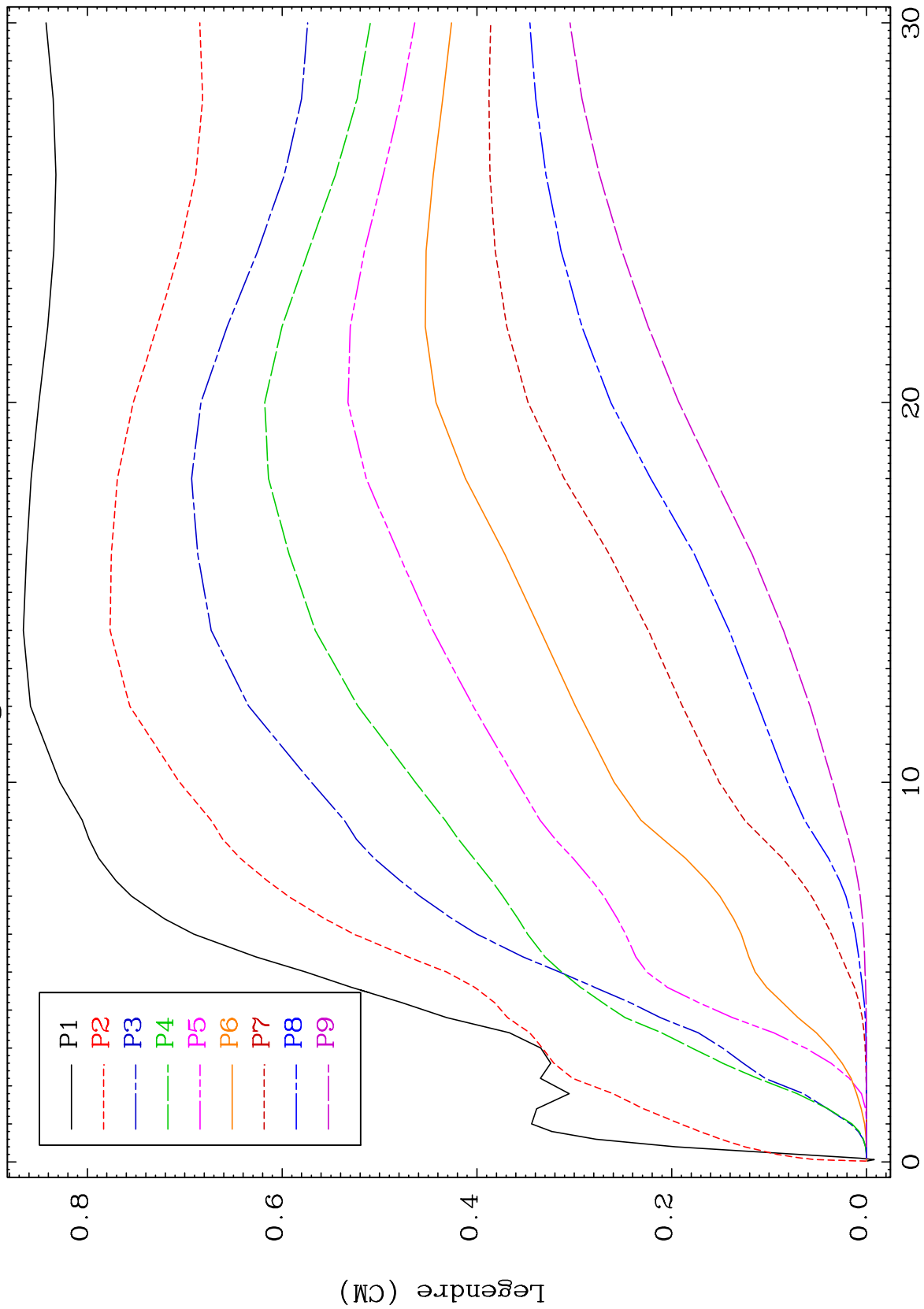
Incident Energy (MeV)

38-Sr-88

MAT 3837

Elastic Legendre Coefficients

³⁸Sr-88



16

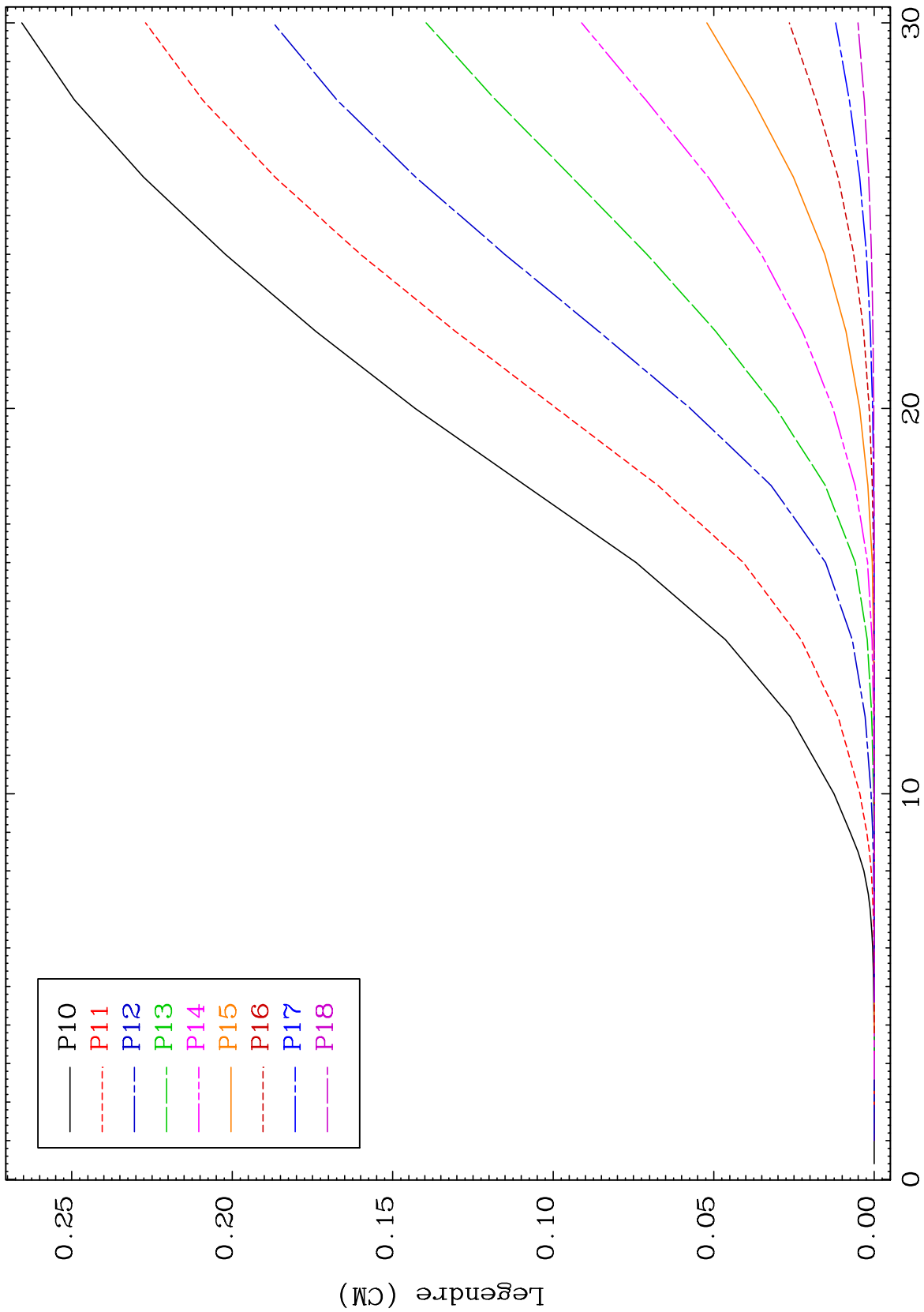
Incident Energy (MeV)

³⁸Sr-88

MAT 3837

Elastic Legendre Coefficients

38-Sr-88



17

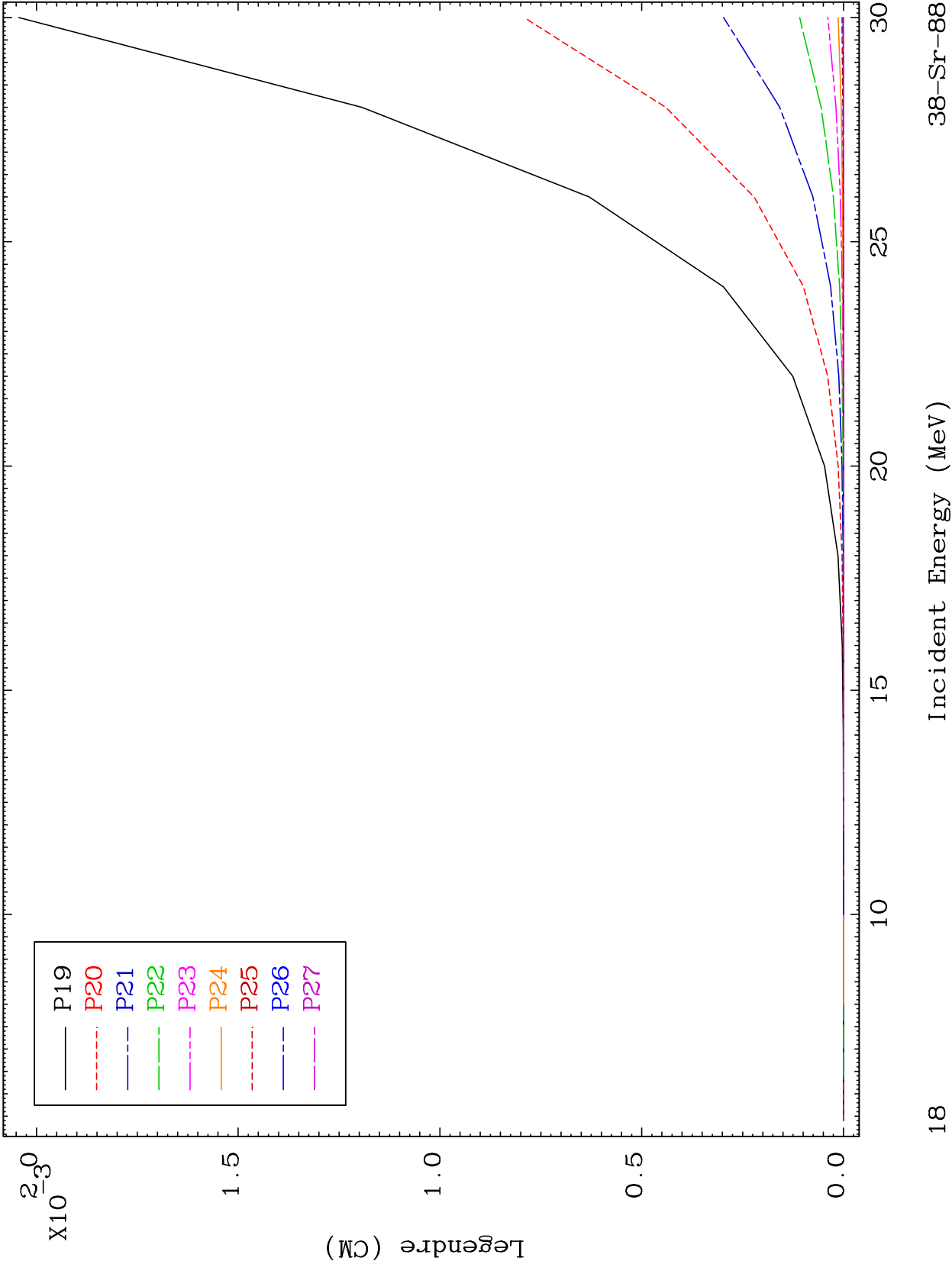
Incident Energy (MeV)

38-Sr-88

MAT 3837

Elastic Legendre Coefficients

38-Sr-88



18

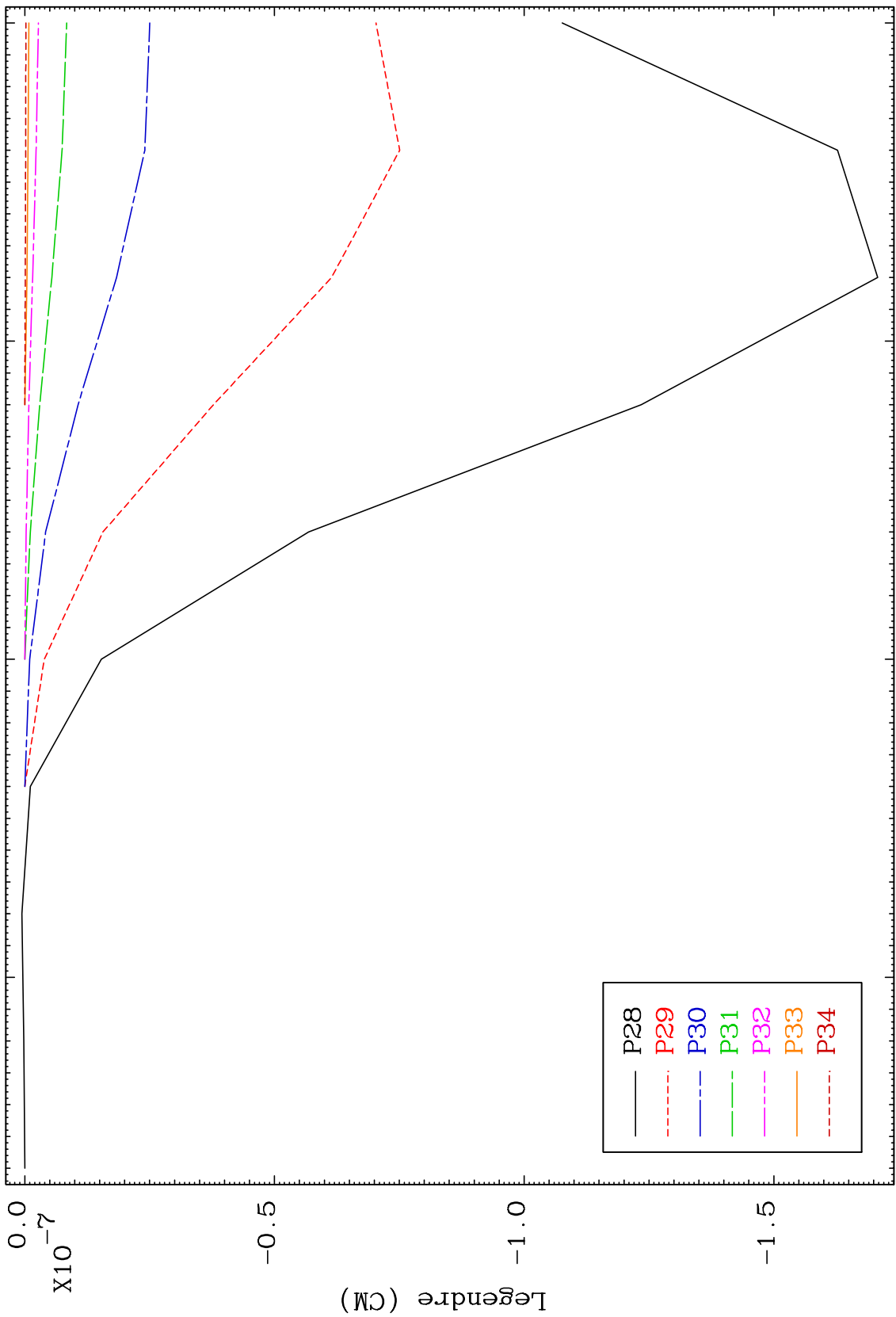
Incident Energy (MeV)

38-Sr-88

MAT 3837

38-Sr-88

Elastic Legendre Coefficients



19

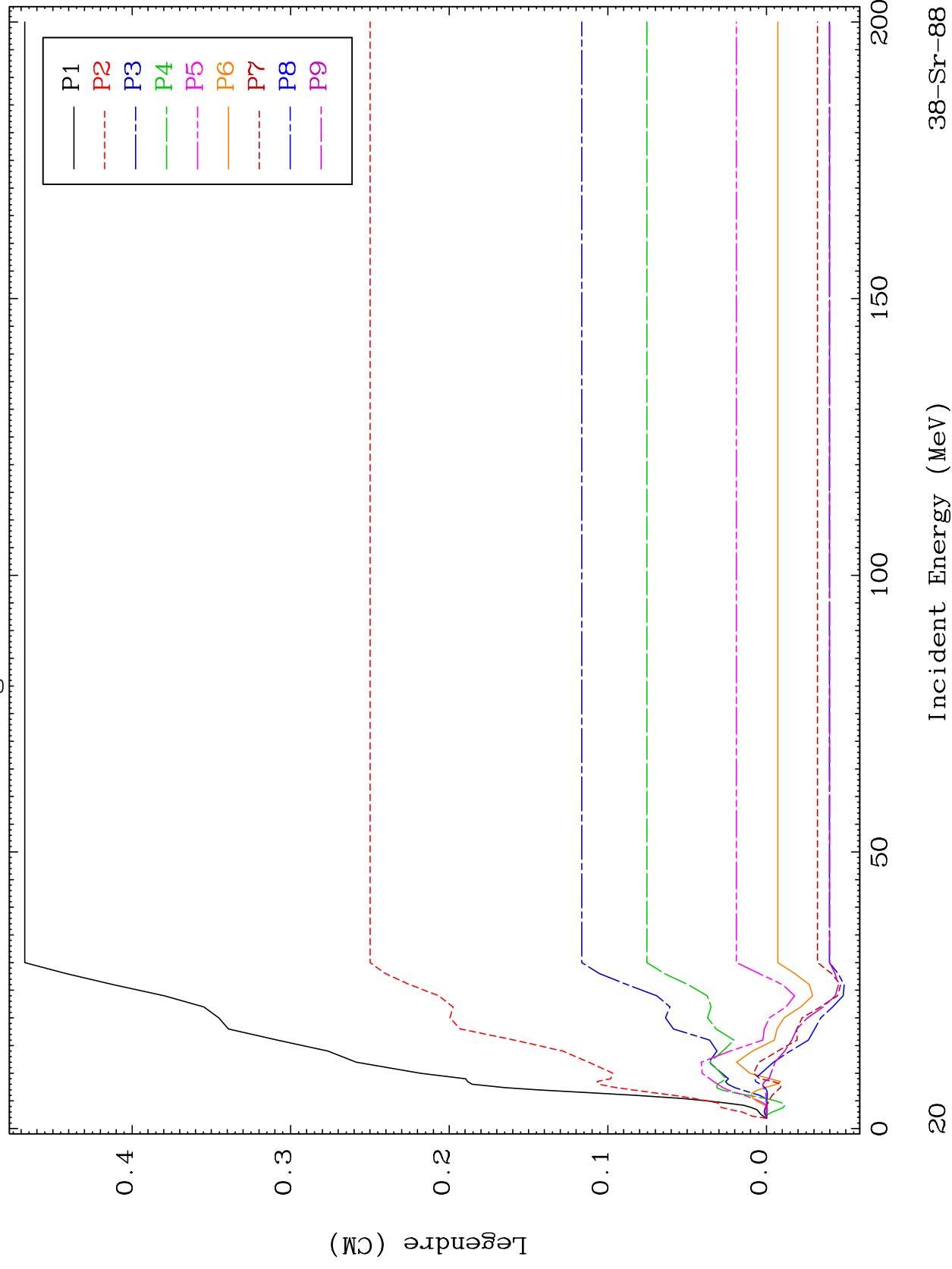
Incident Energy (MeV)

38-Sr-88

MAT 3837

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

38-Sr-88

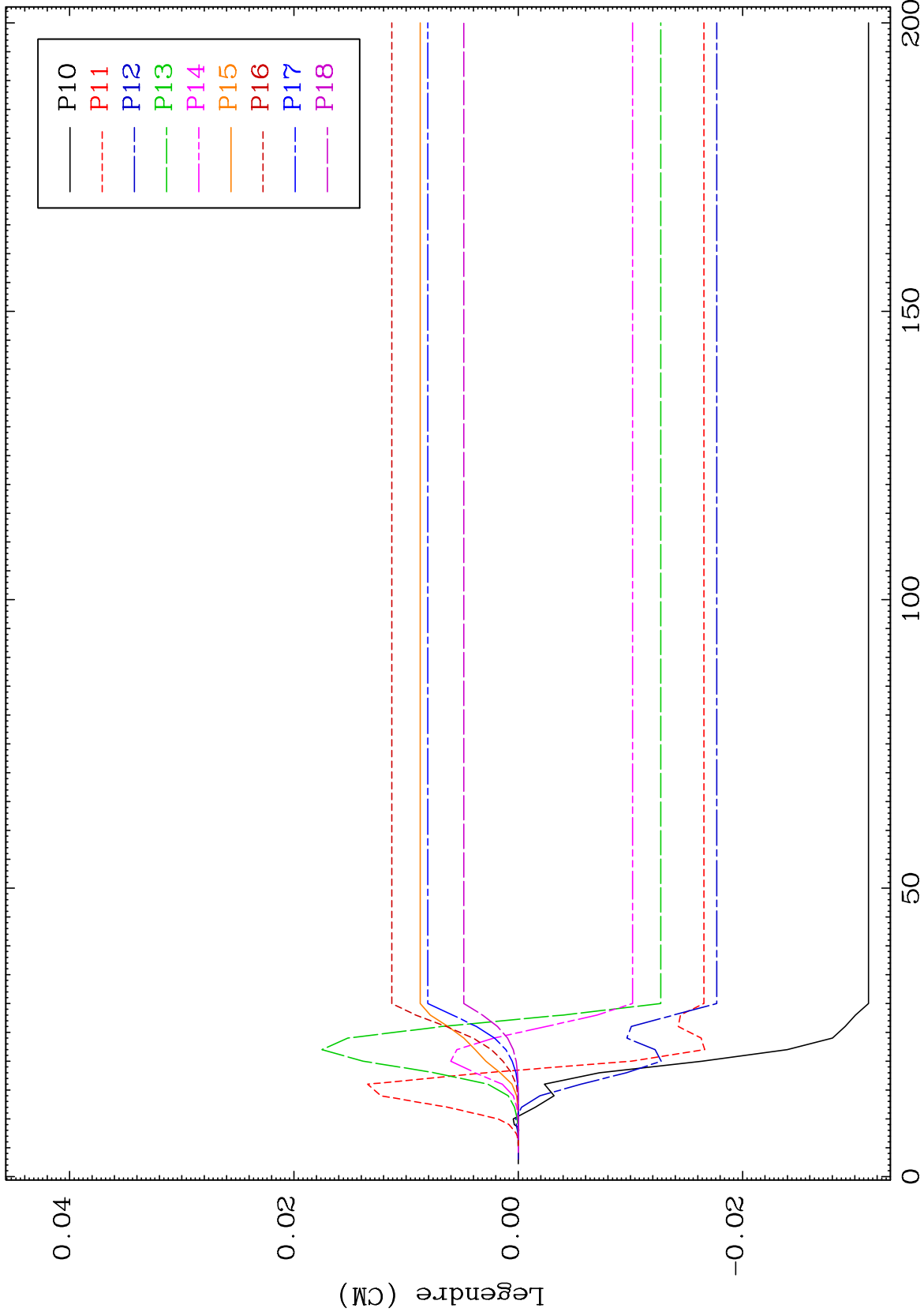


38-Sr-88

MAT 3837

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

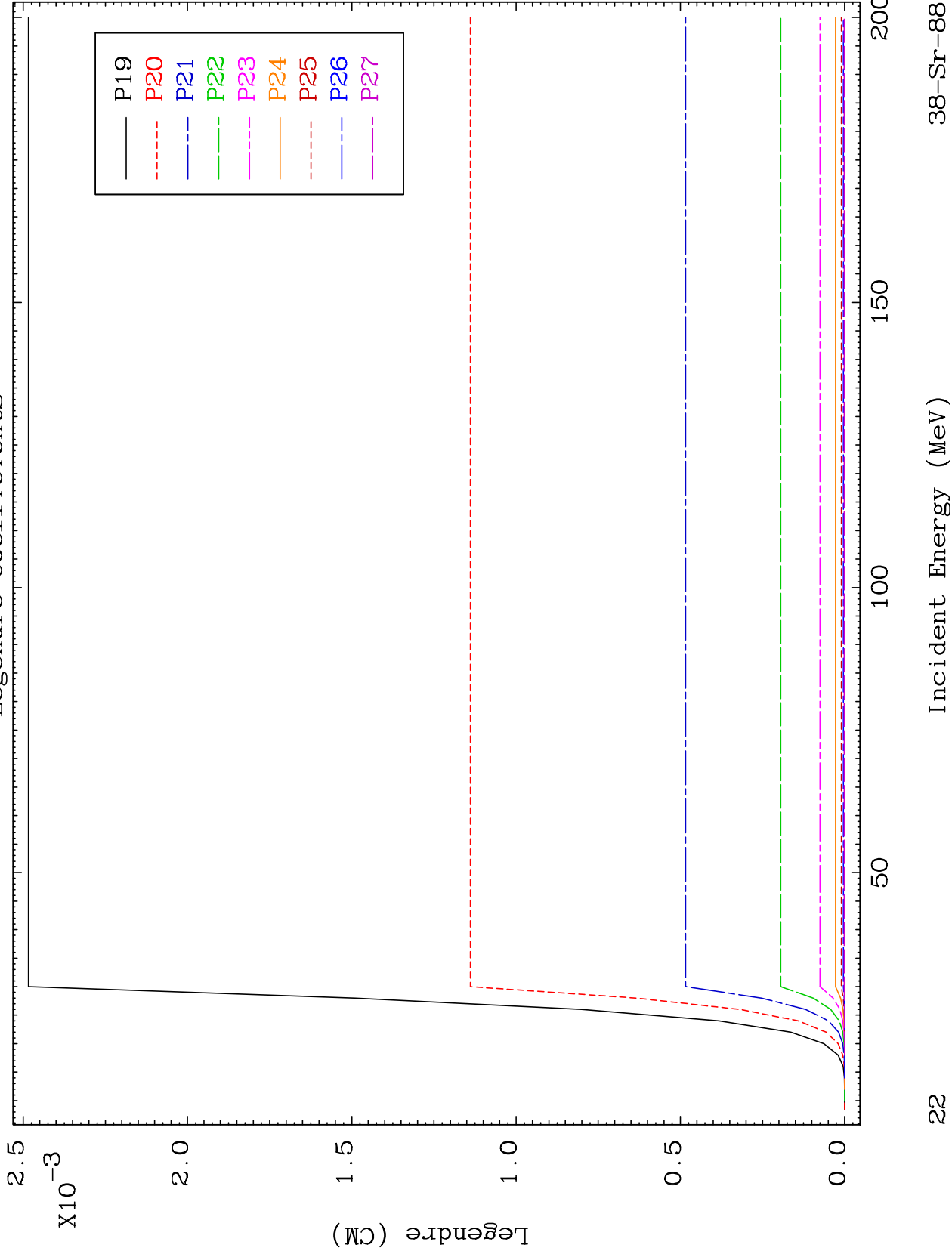
38-Sr-88



21

Incident Energy (MeV)

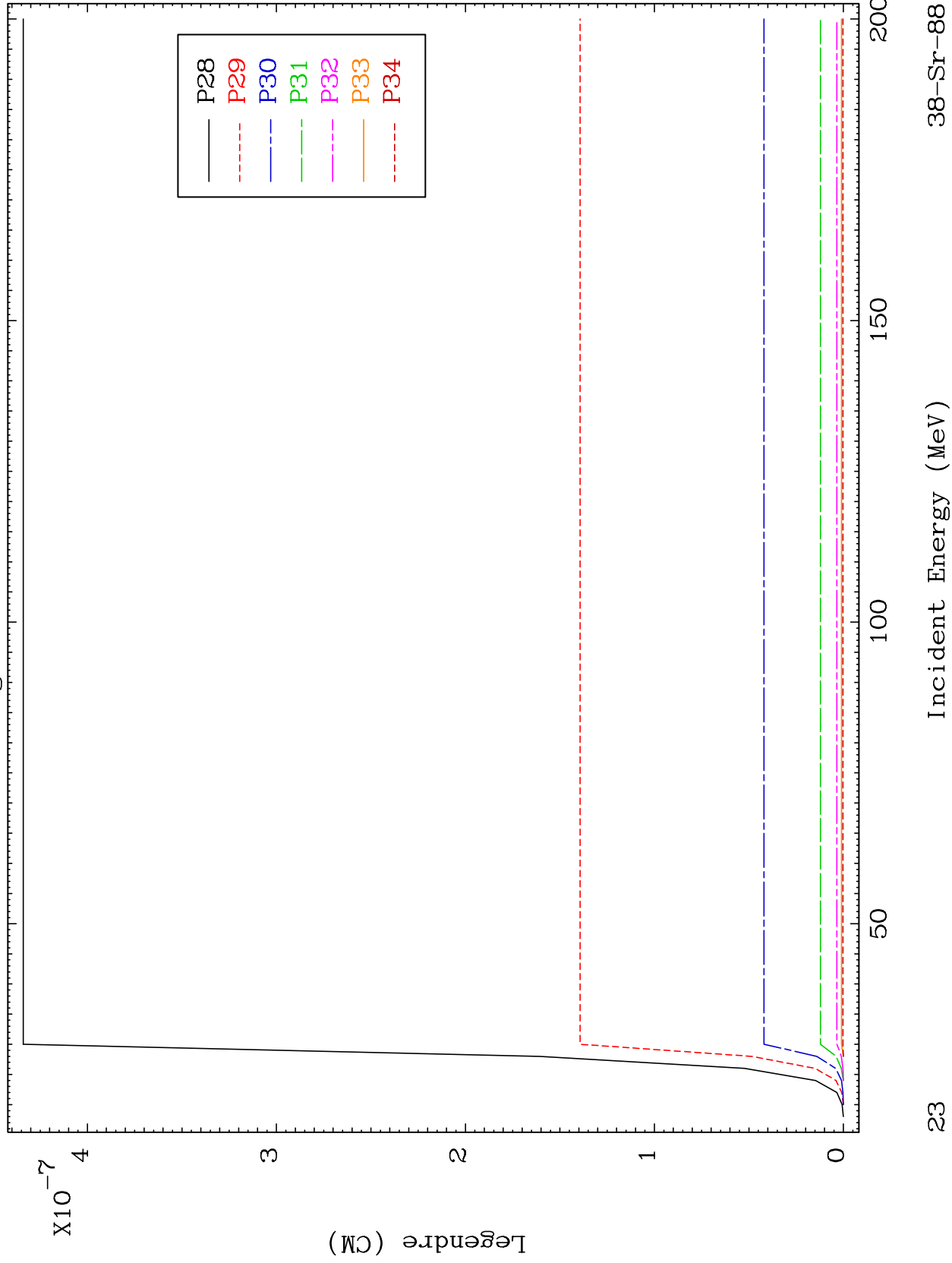
38-Sr-88



MAT 3837

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

38-Sr-88

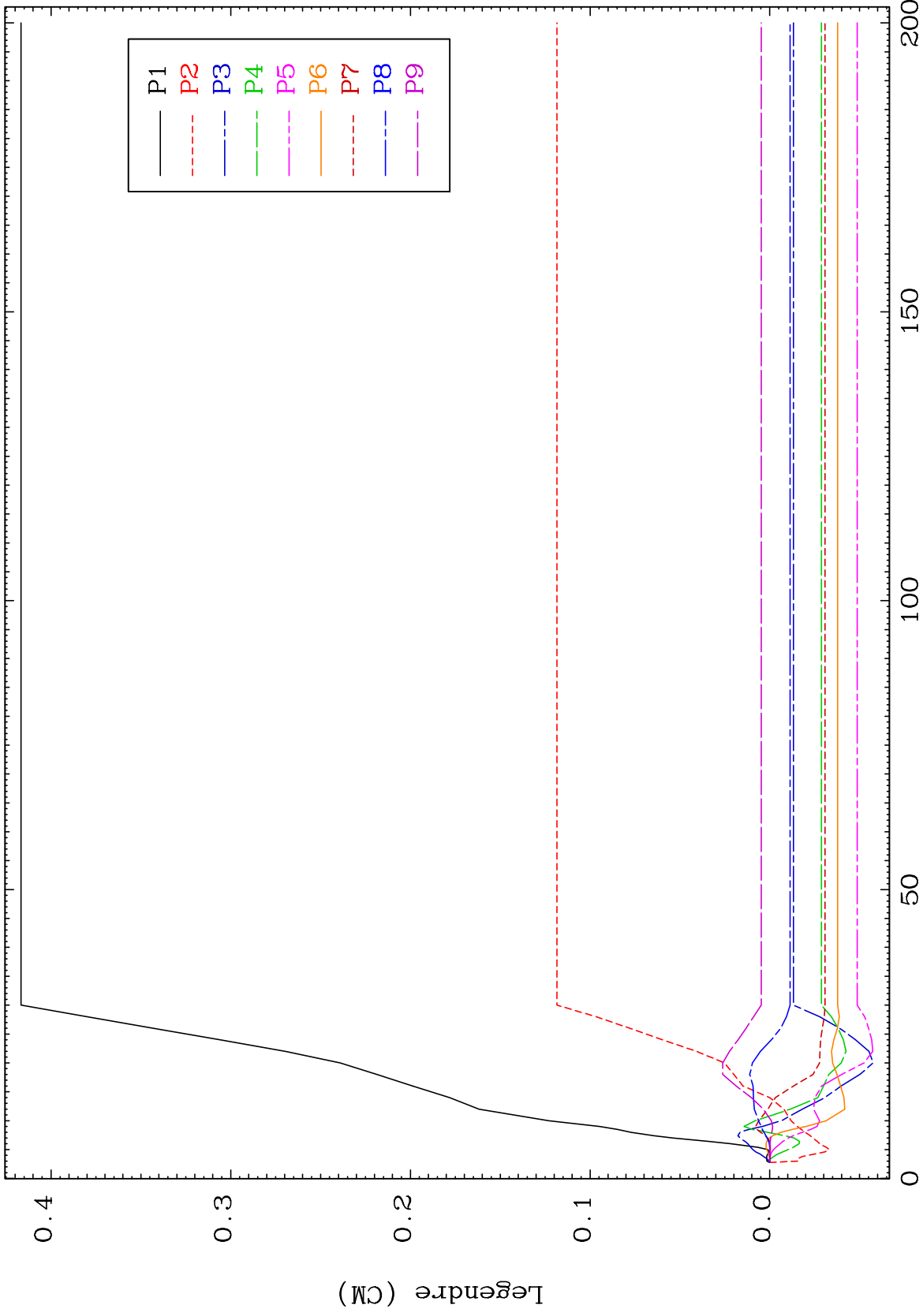


23

MAT 3837

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

38-Sr-88



24

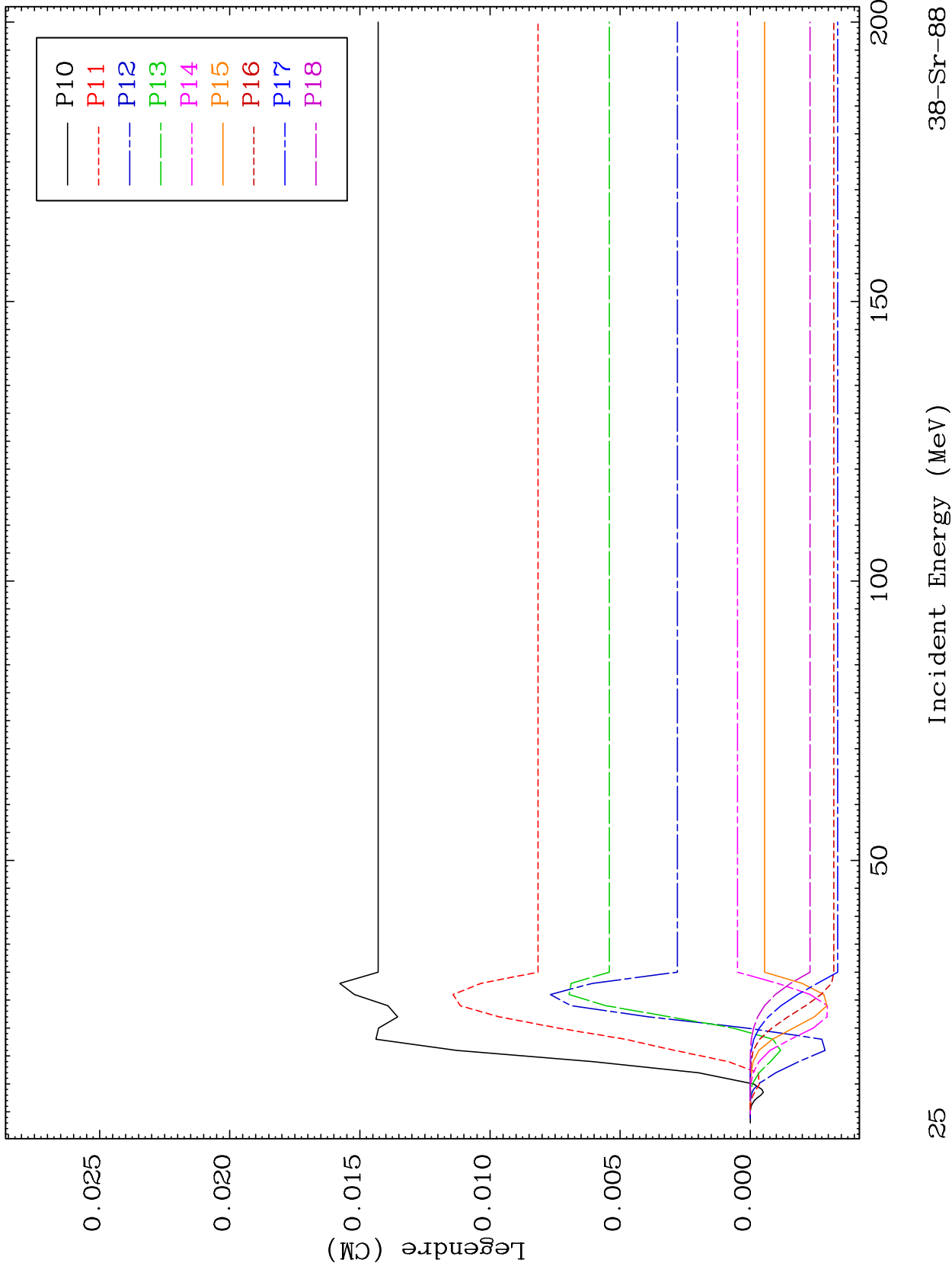
Incident Energy (MeV)

38-Sr-88

MAT 3837

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

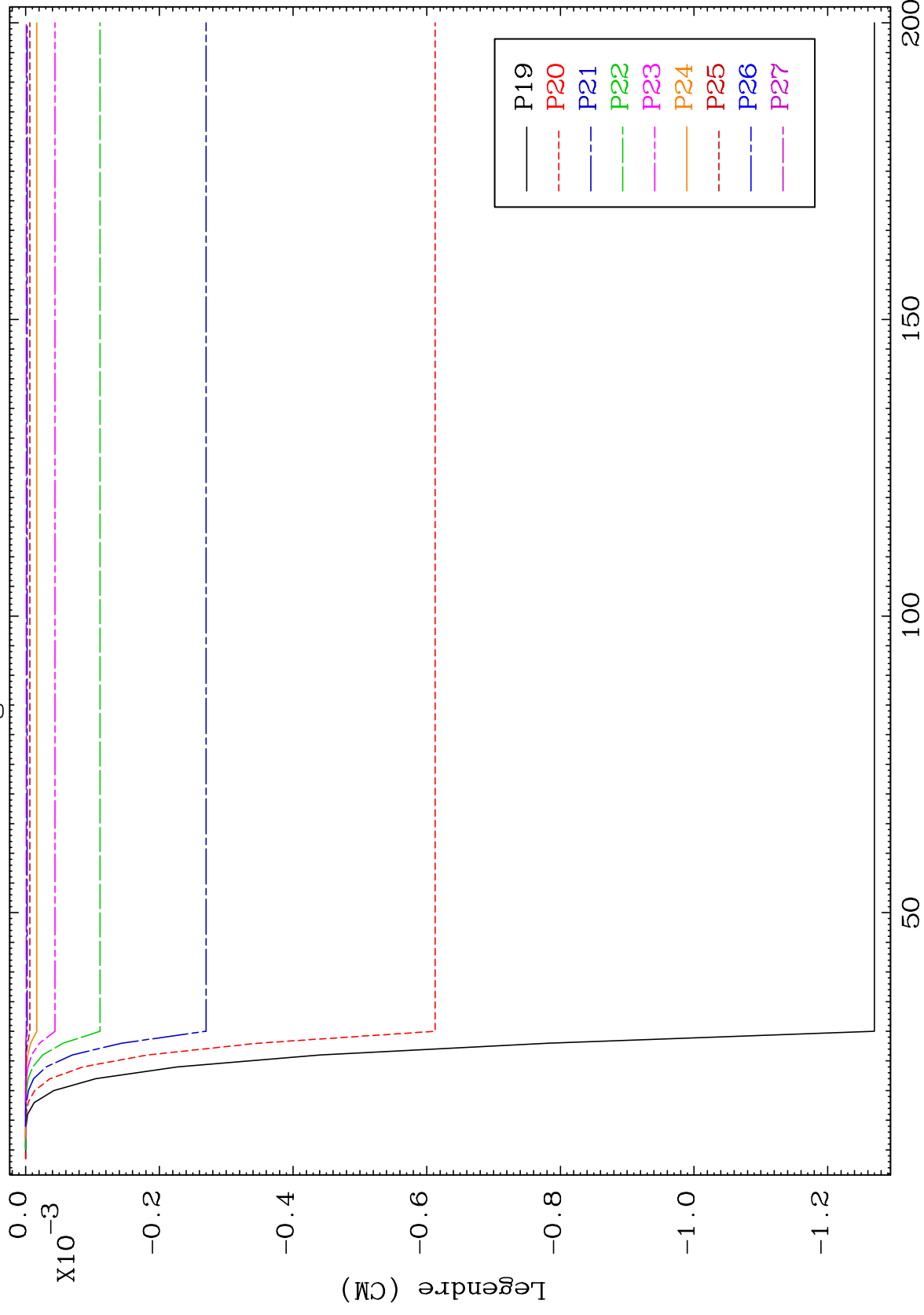
38-Sr-88



25

Incident Energy (MeV)

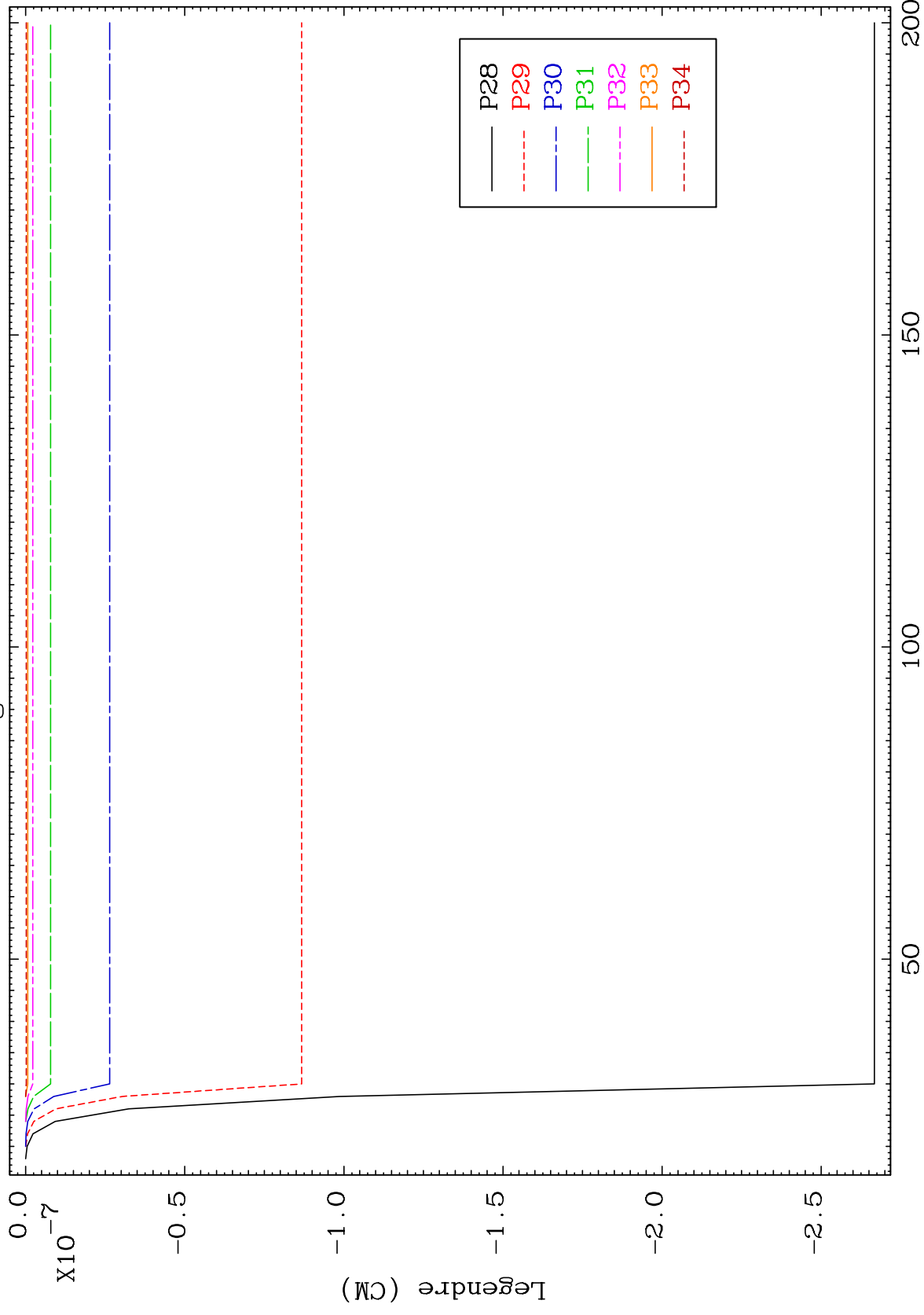
38-Sr-88



MAT 3837

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

38-Sr-88



27

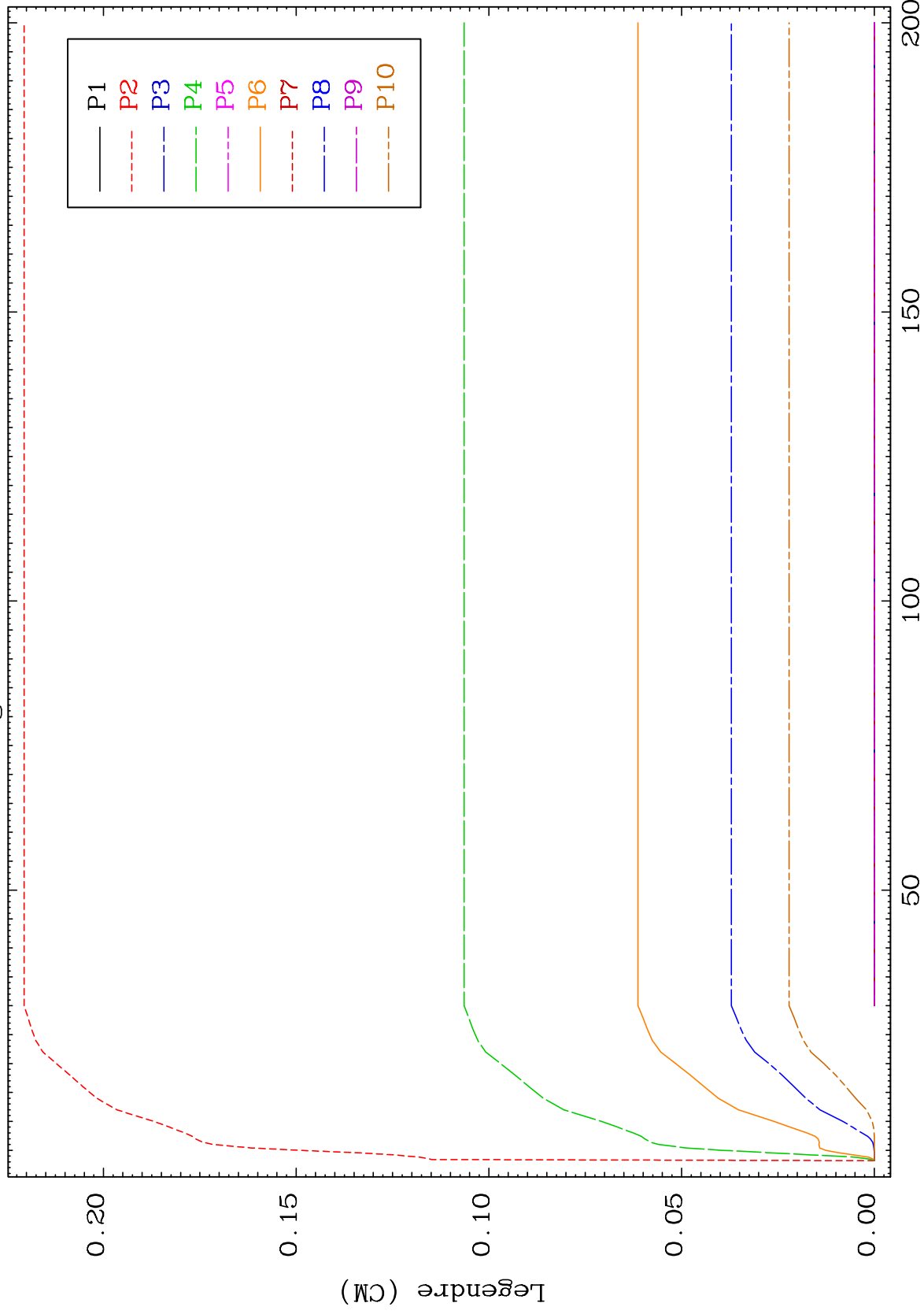
Incident Energy (MeV)

38-Sr-88

MAT 3837

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

38-Sr-88



28

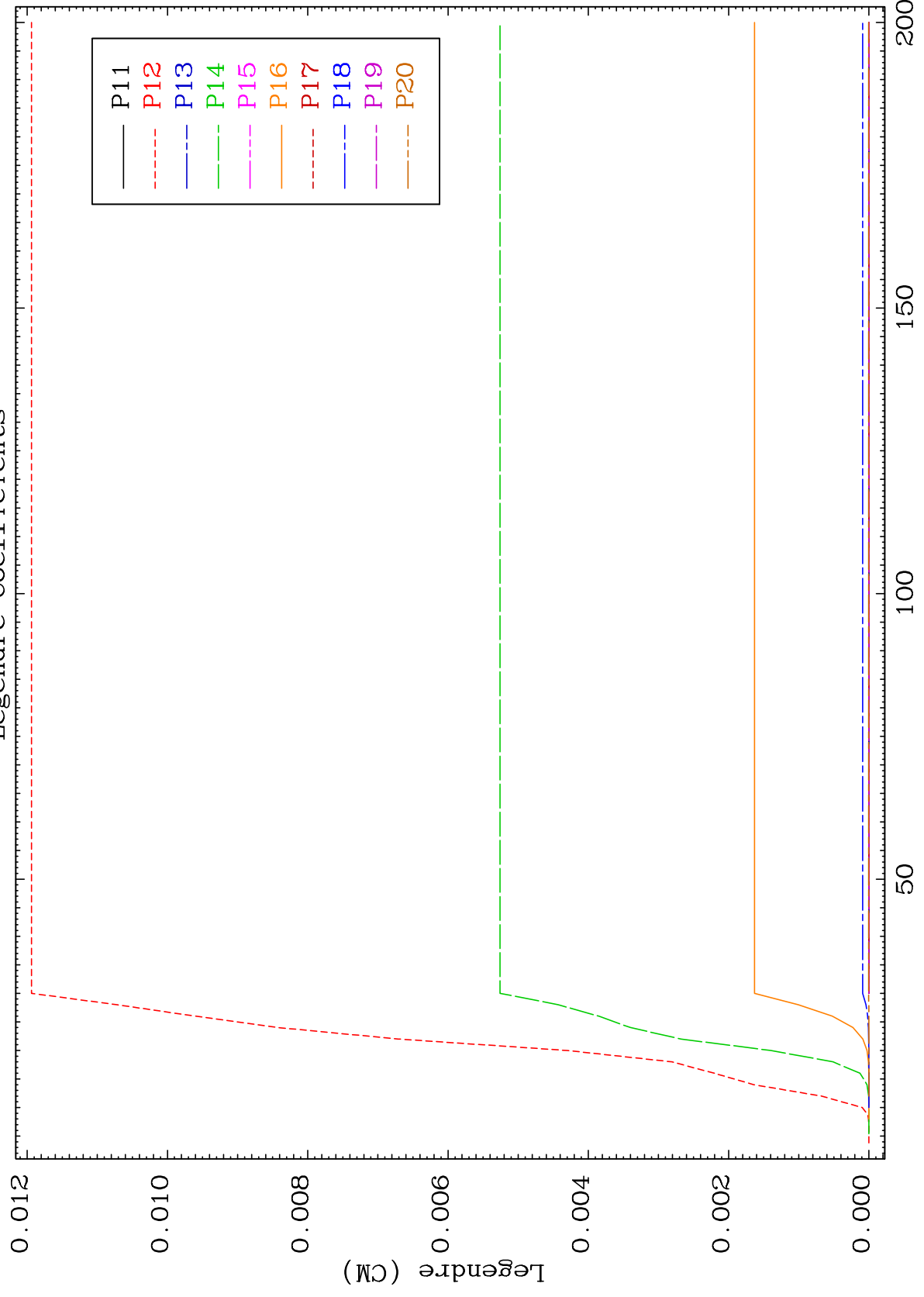
Incident Energy (MeV)

38-Sr-88

MAT 3837

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

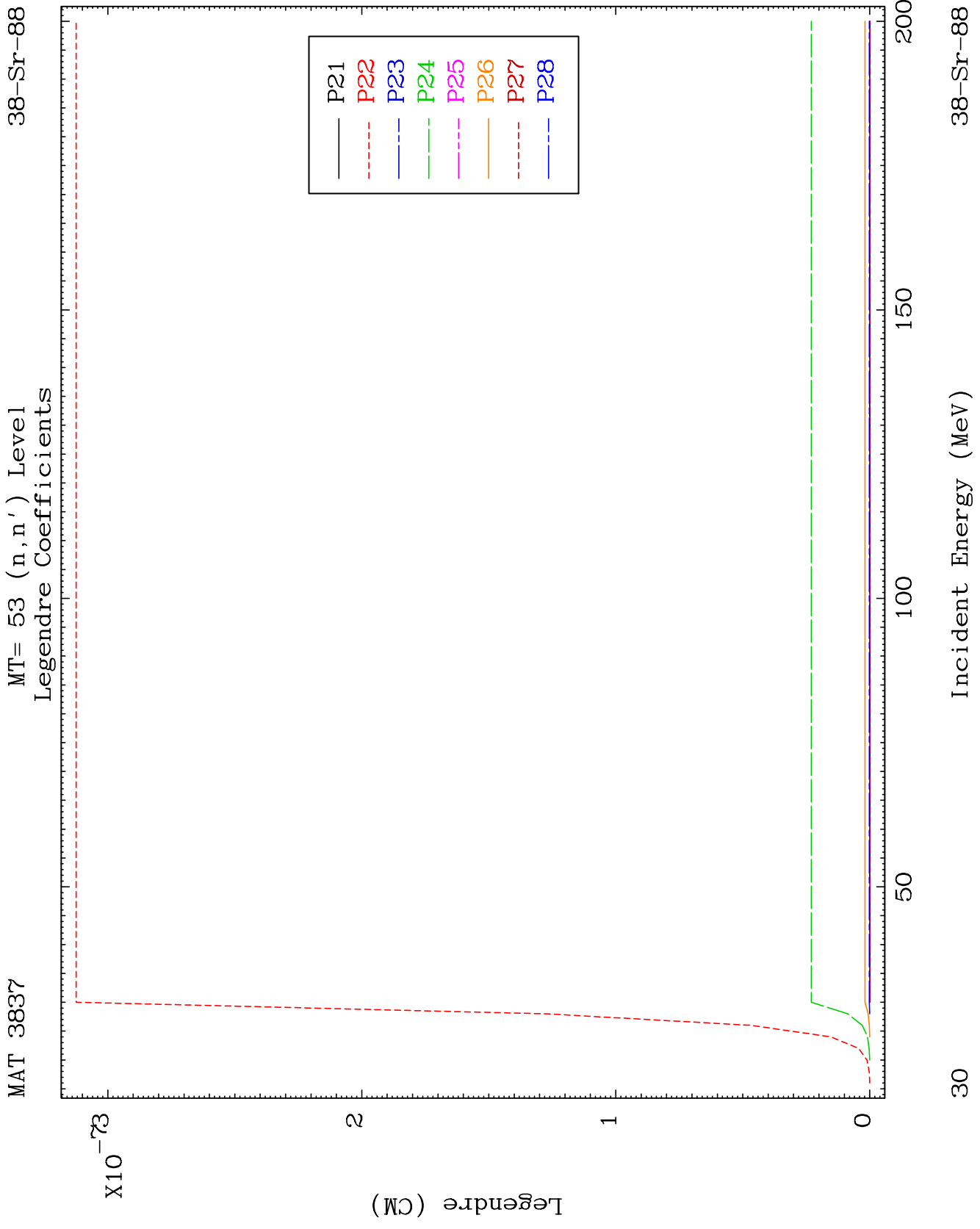
38-Sr-88

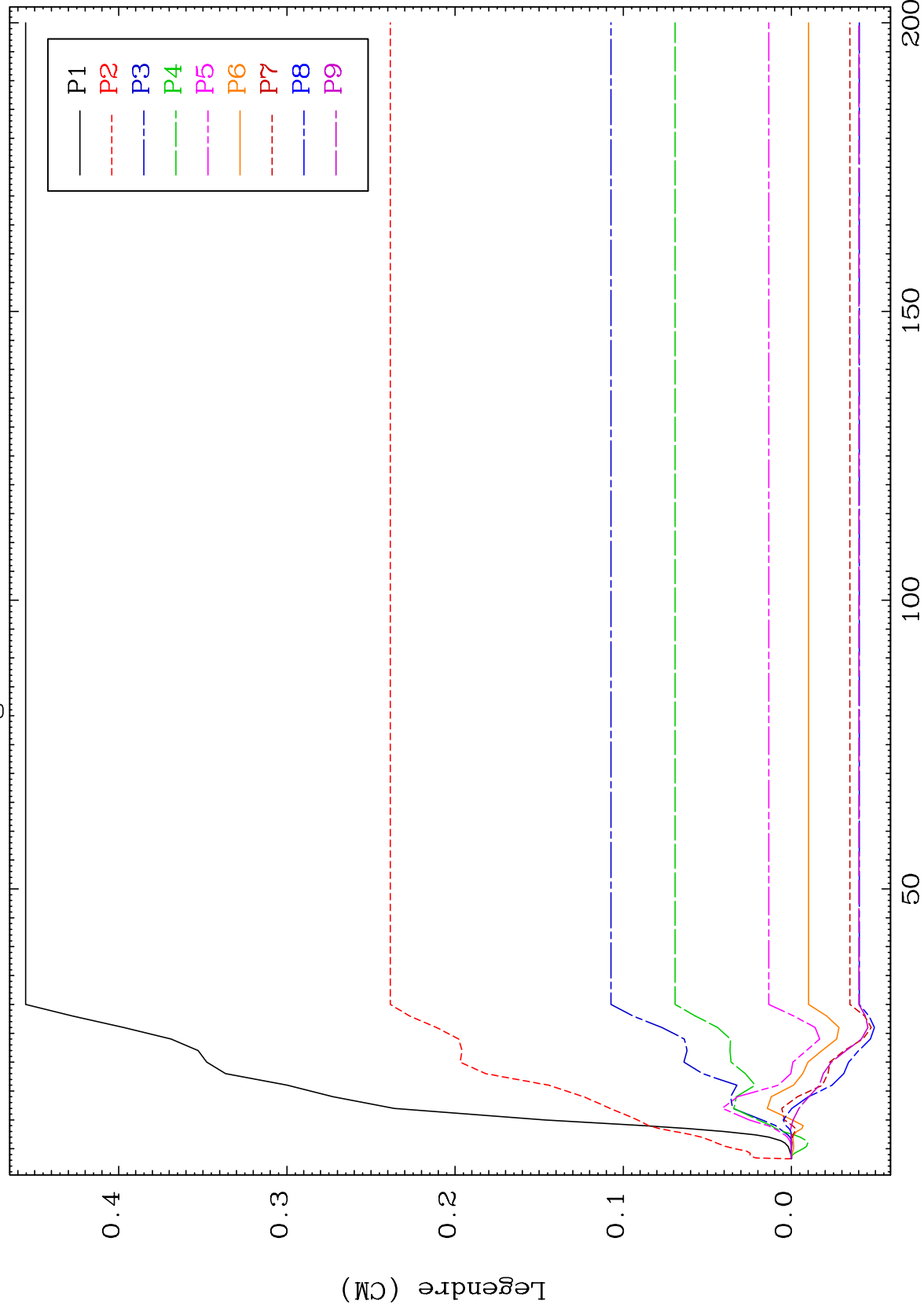


29

Incident Energy (MeV)

38-Sr-88

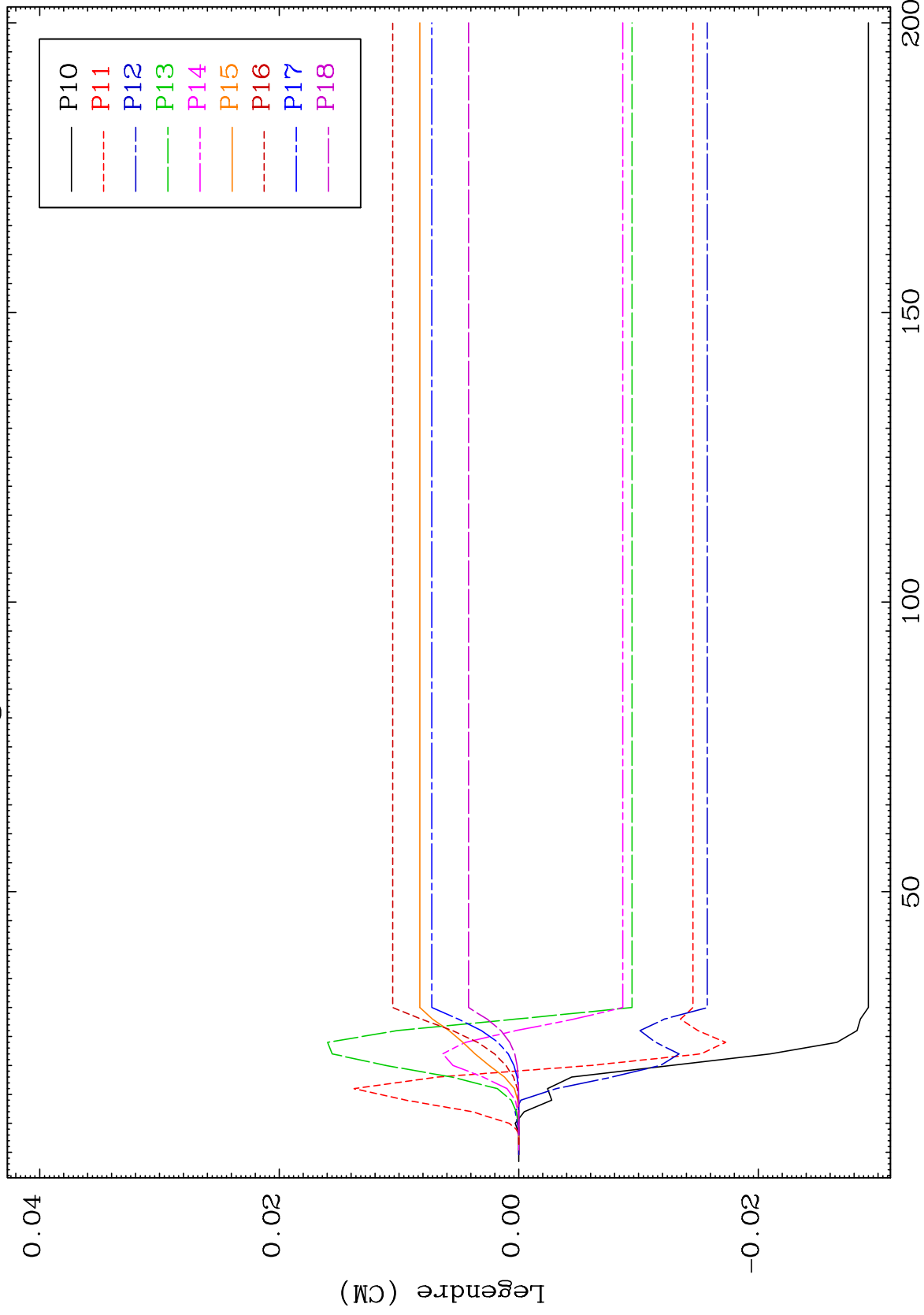




MAT 3837

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

38-Sr-88



32

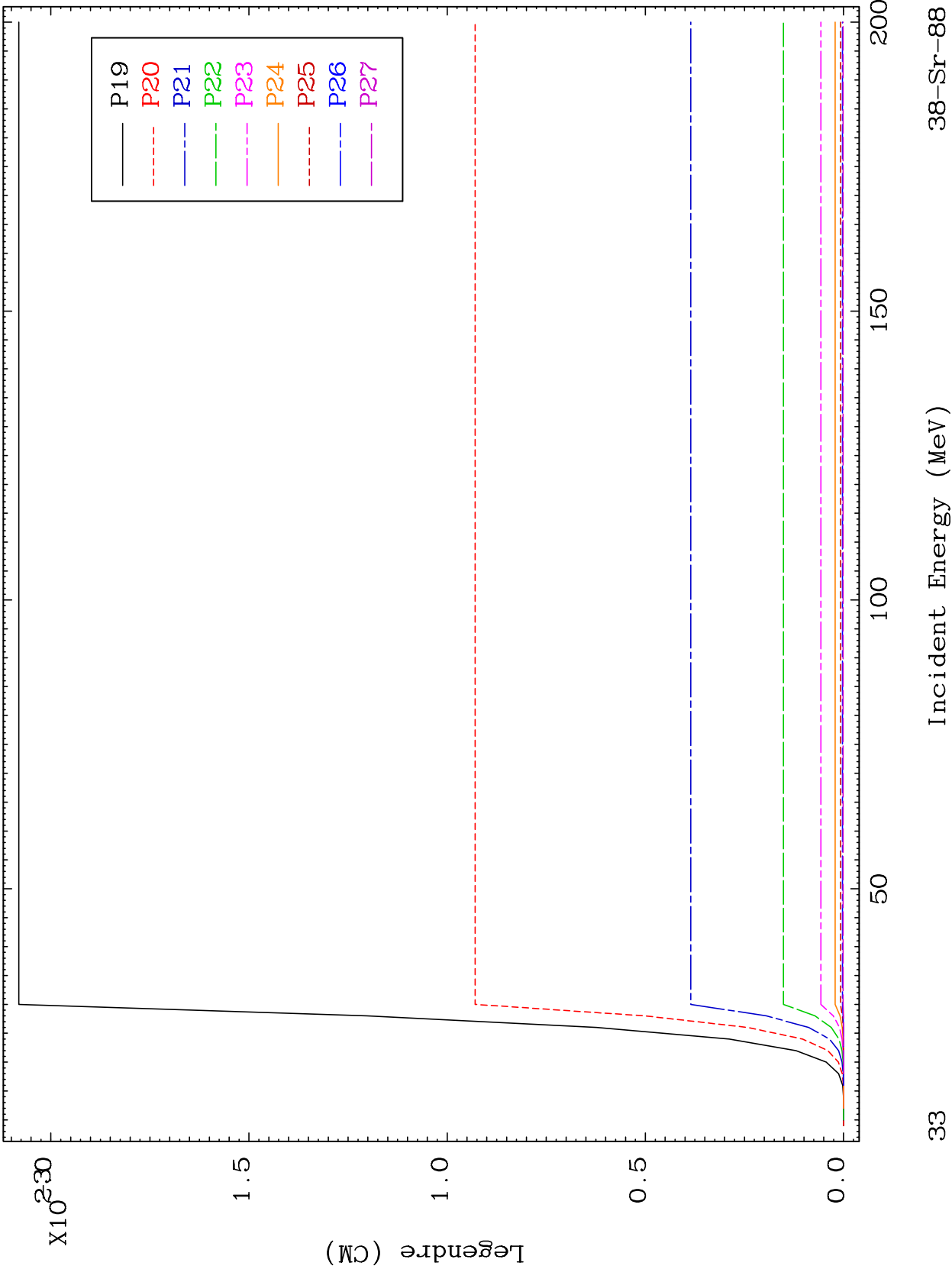
Incident Energy (MeV)

38-Sr-88

MAT 3837

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

38-Sr-88



33

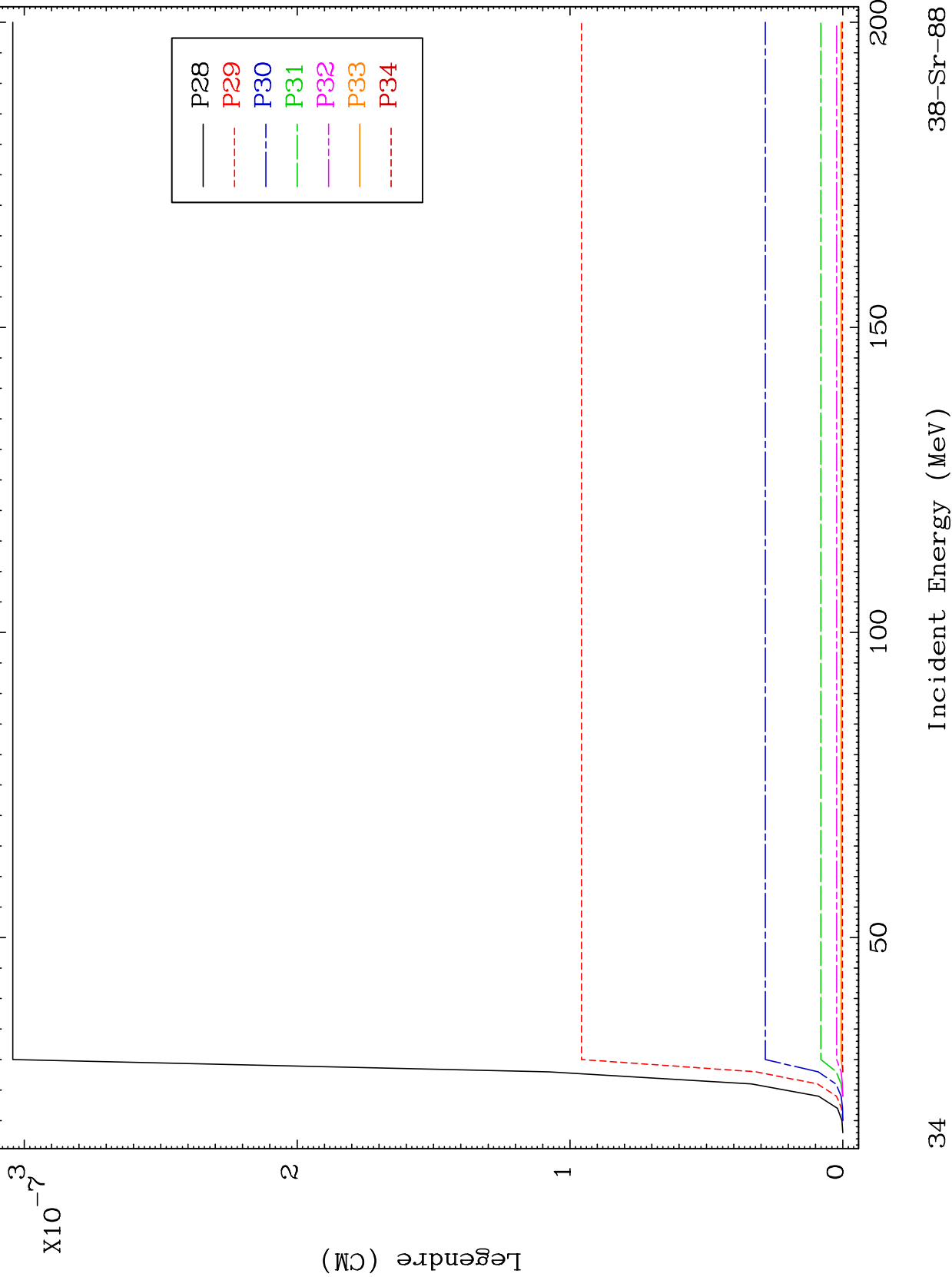
Incident Energy (MeV)

38-Sr-88

MAT 3837

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

38-Sr-88



34

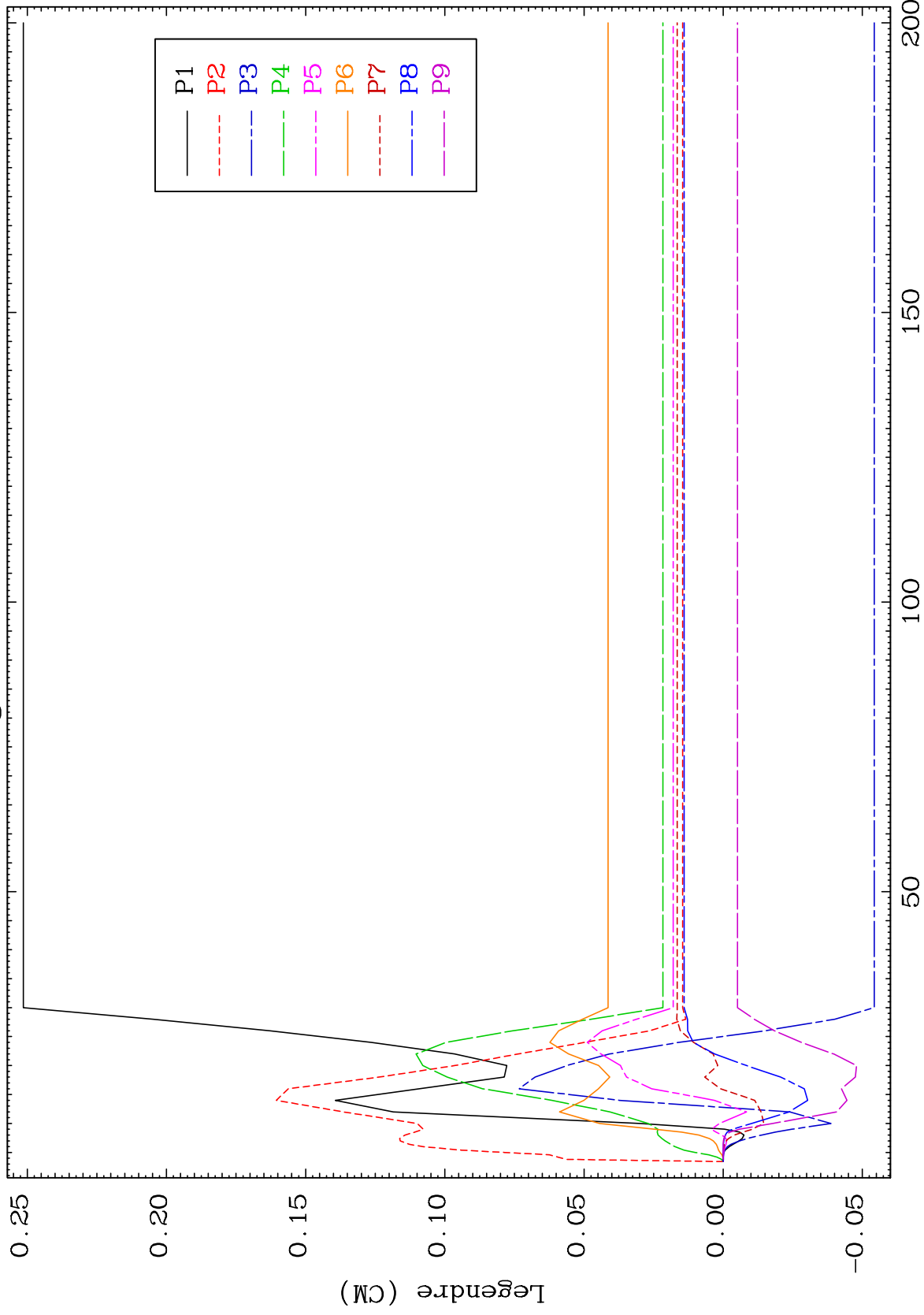
Incident Energy (MeV)

38-Sr-88

MAT 3837

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

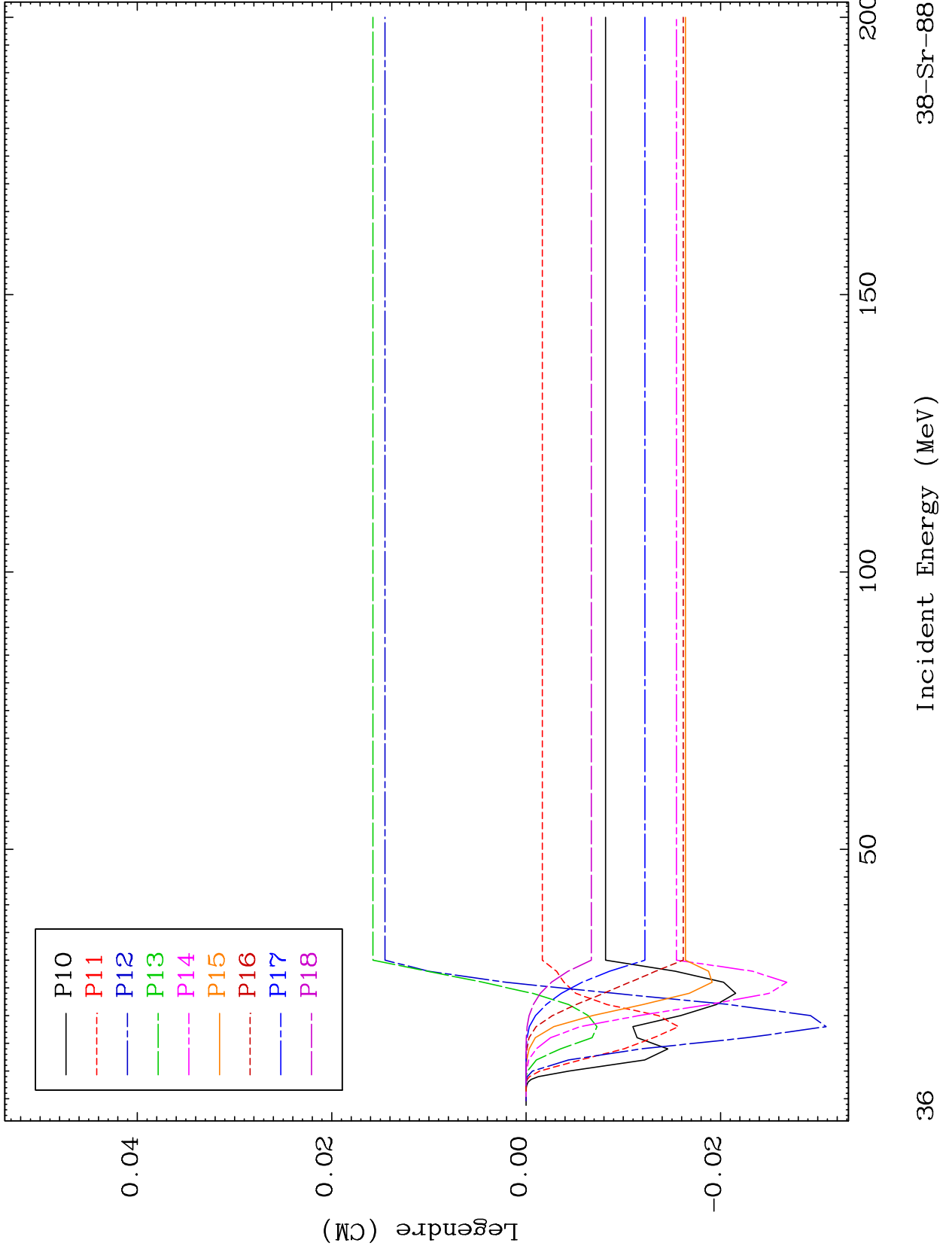
38-Sr-88



35

Incident Energy (MeV)

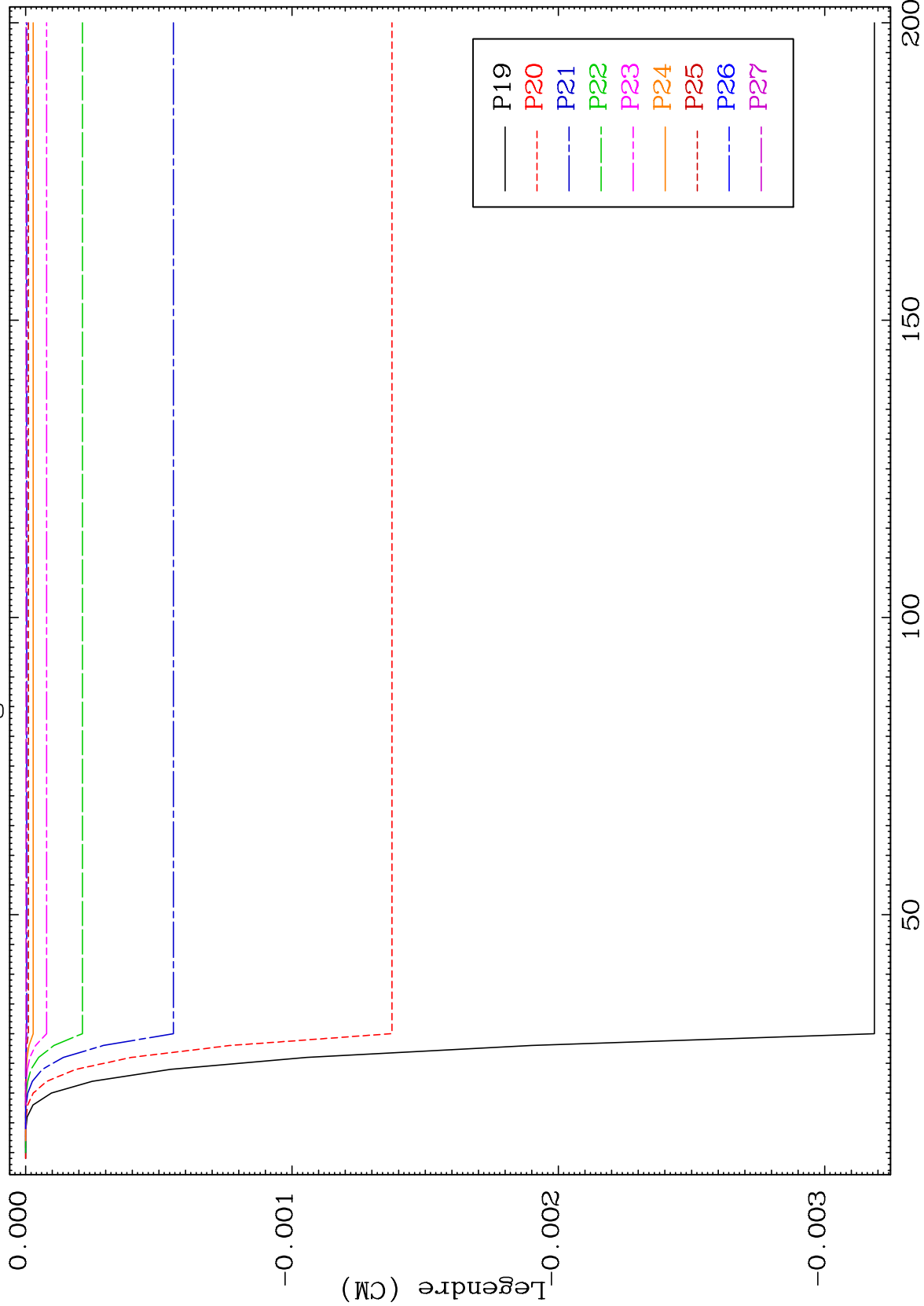
38-Sr-88



MAT 3837

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

38-Sr-88



38-Sr-88

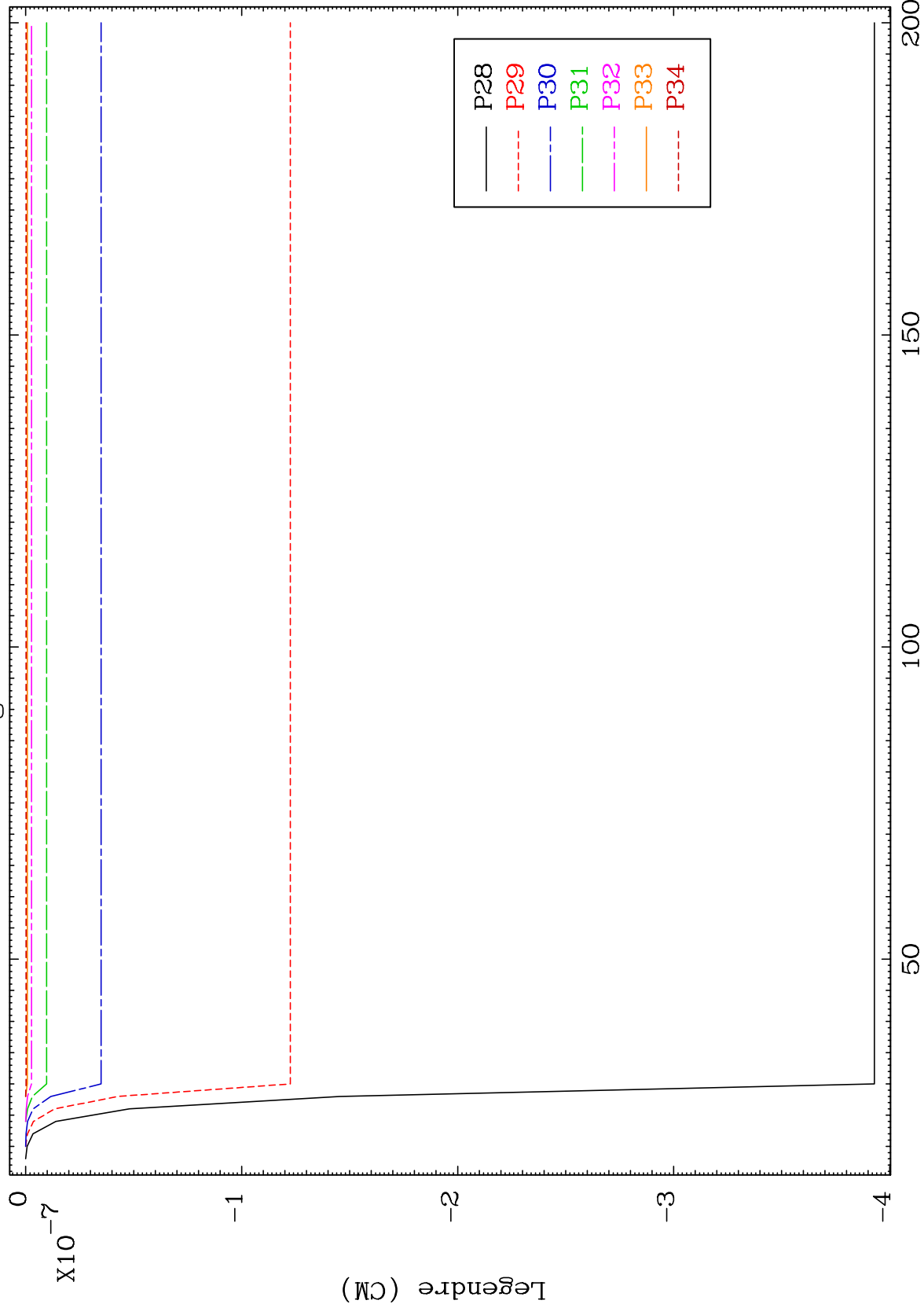
Incident Energy (MeV)

37

MAT 3837

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

38-Sr-88



38

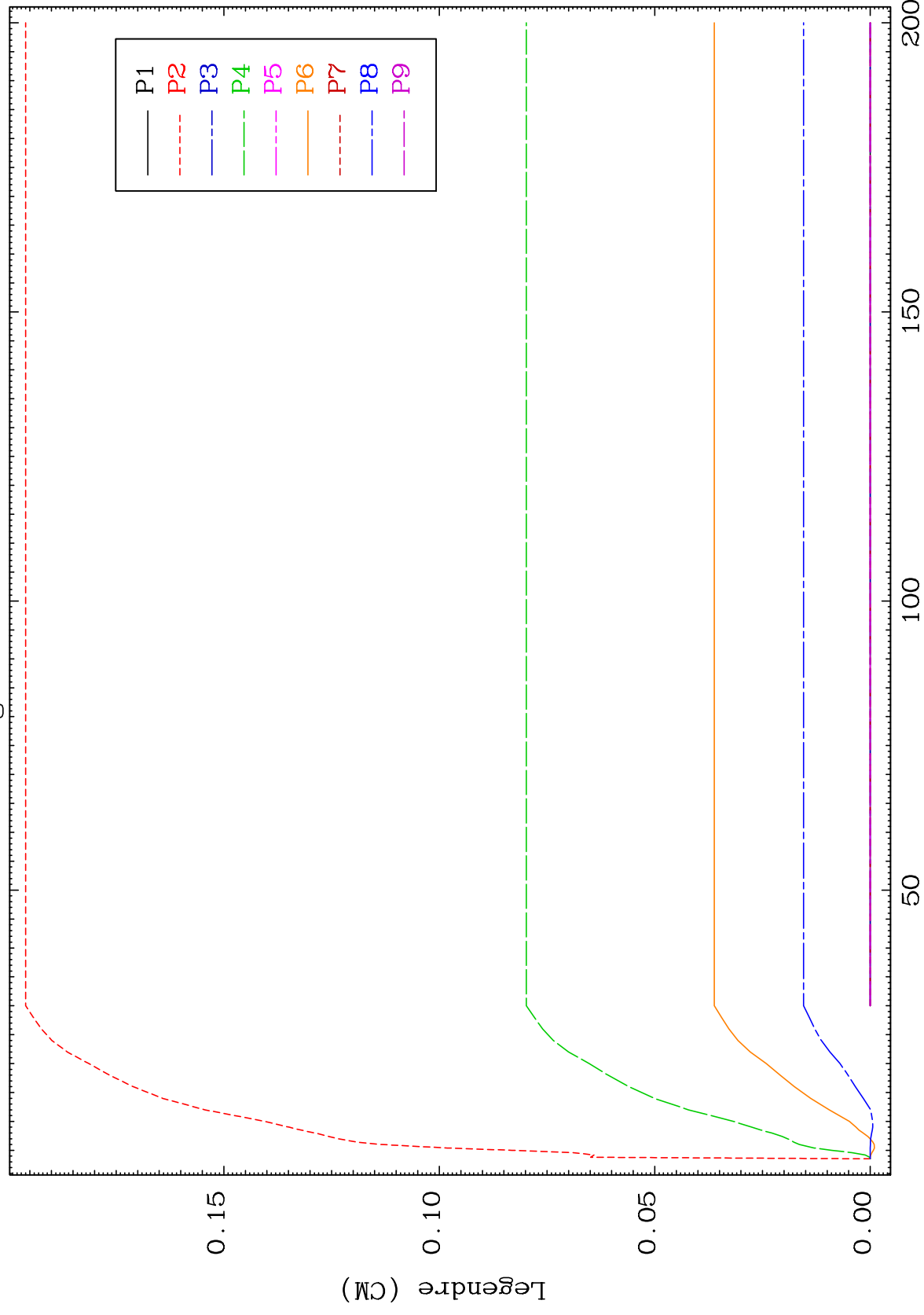
Incident Energy (MeV)

38-Sr-88

MAT 3837

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

38-Sr-88



39

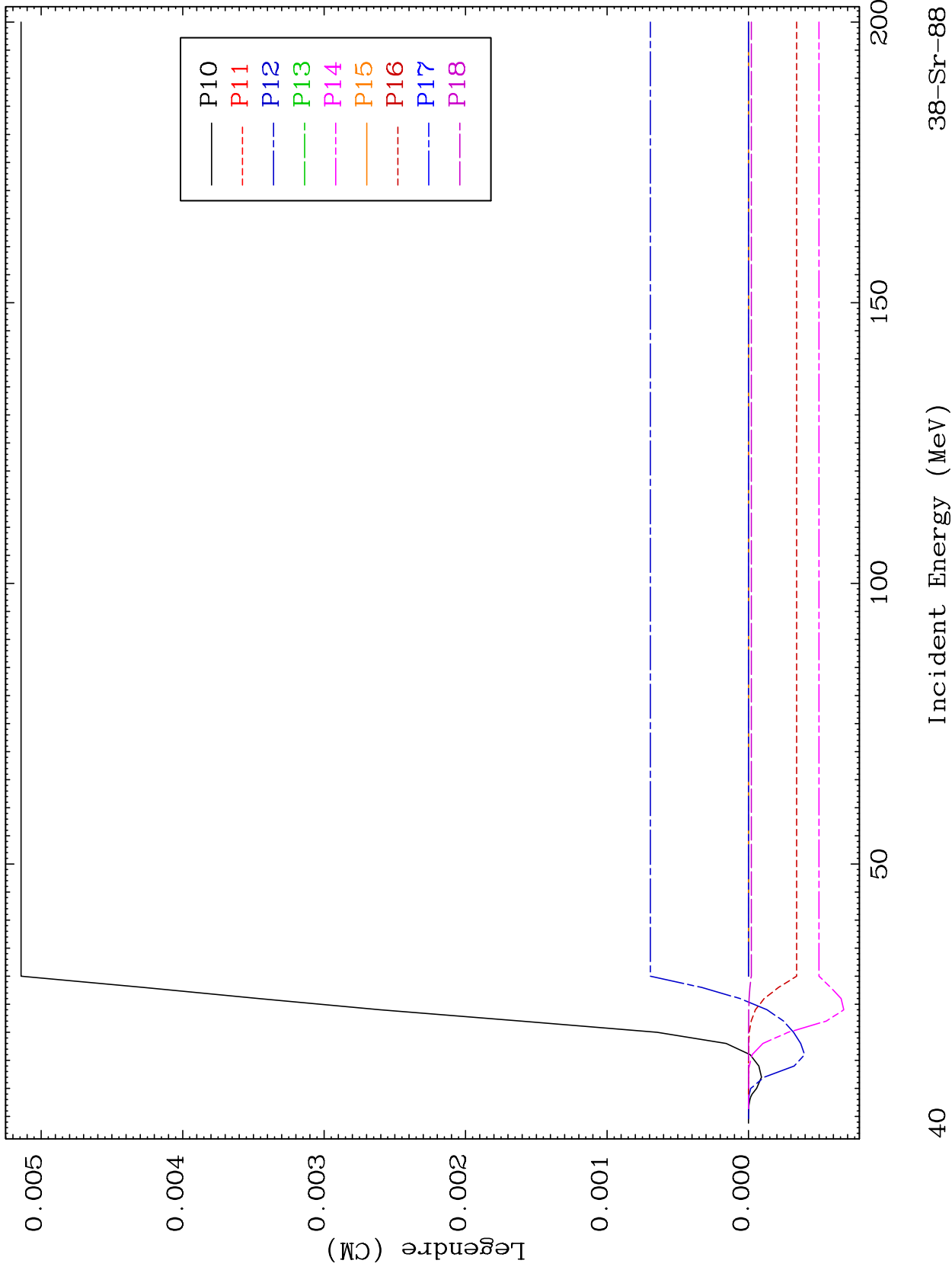
Incident Energy (MeV)

38-Sr-88

MAT 3837

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

38-Sr-88



40

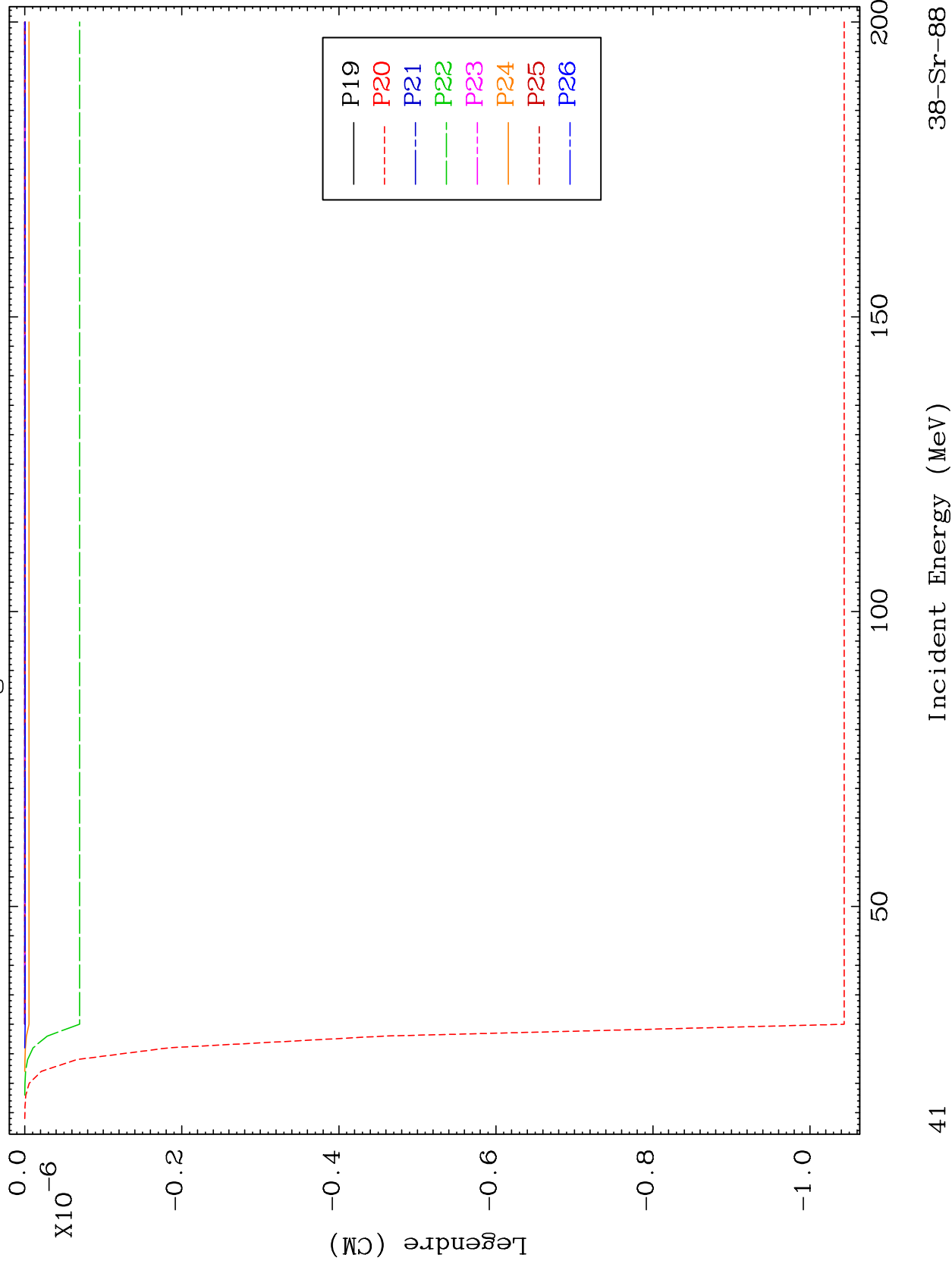
Incident Energy (MeV)

38-Sr-88

MAT 3837

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

38-Sr-88



41

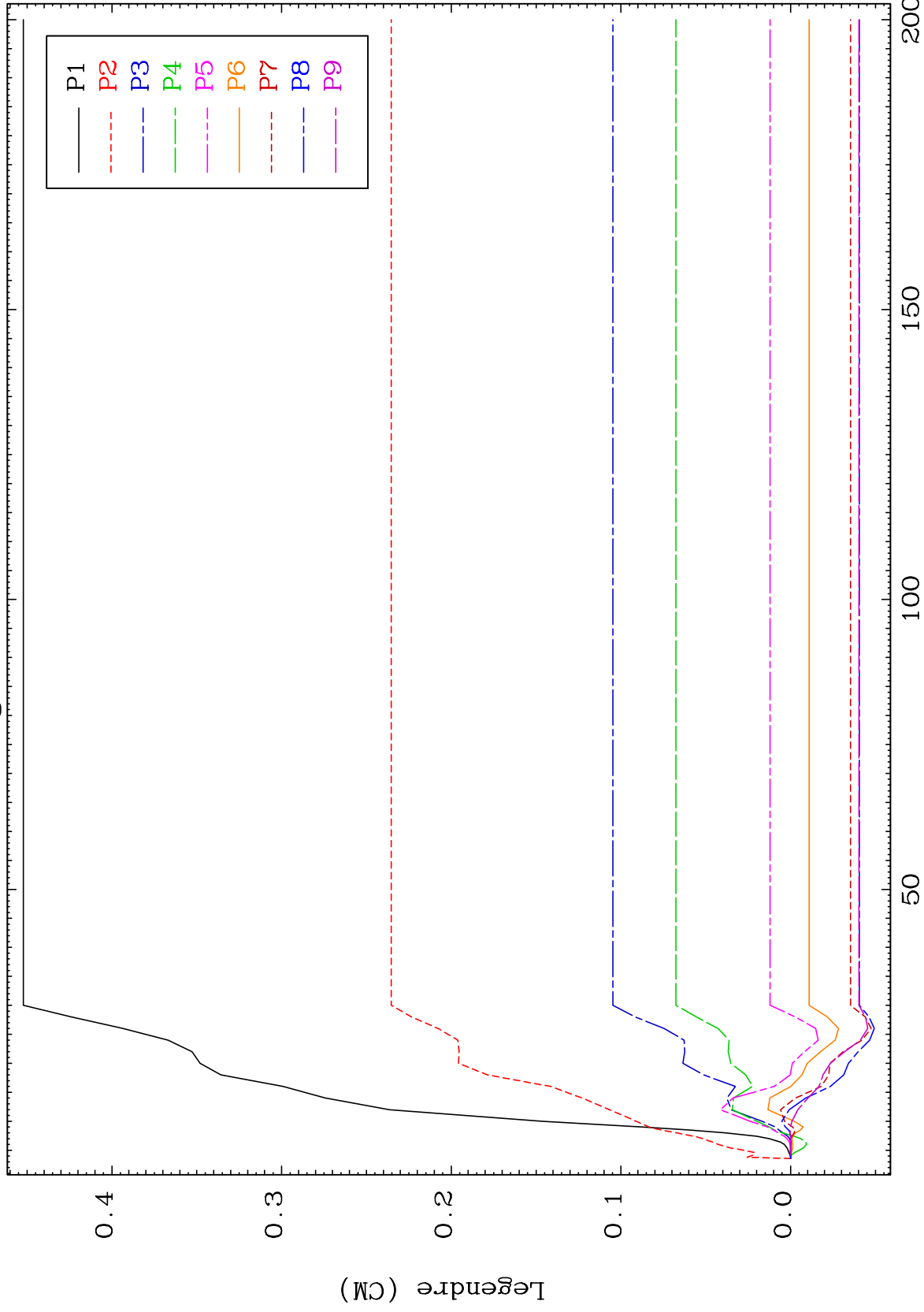
Incident Energy (MeV)

38-Sr-88

MAT 3837

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

38-Sr-88



42

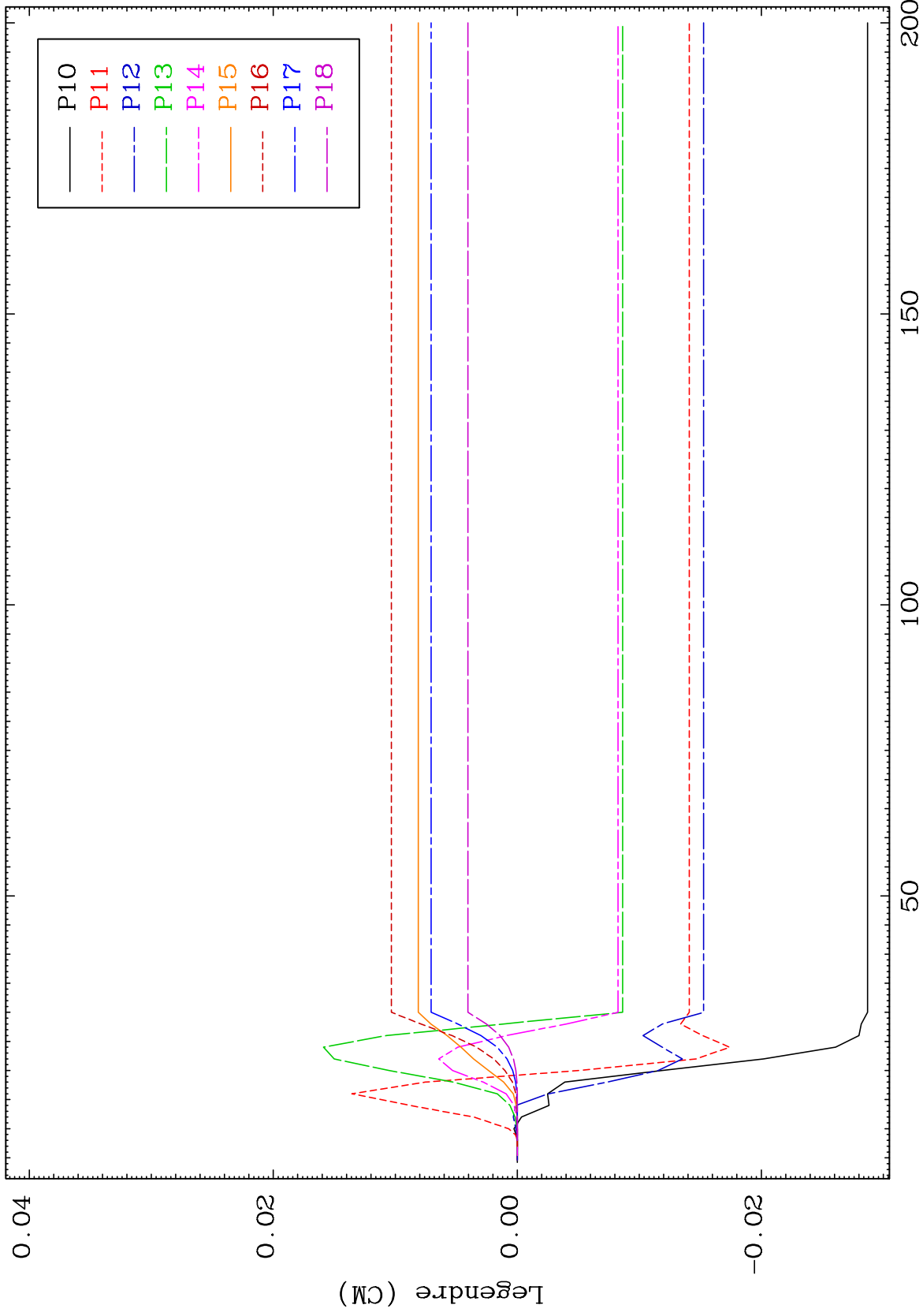
Incident Energy (MeV)

38-Sr-88

MAT 3837

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

38-Sr-88



43

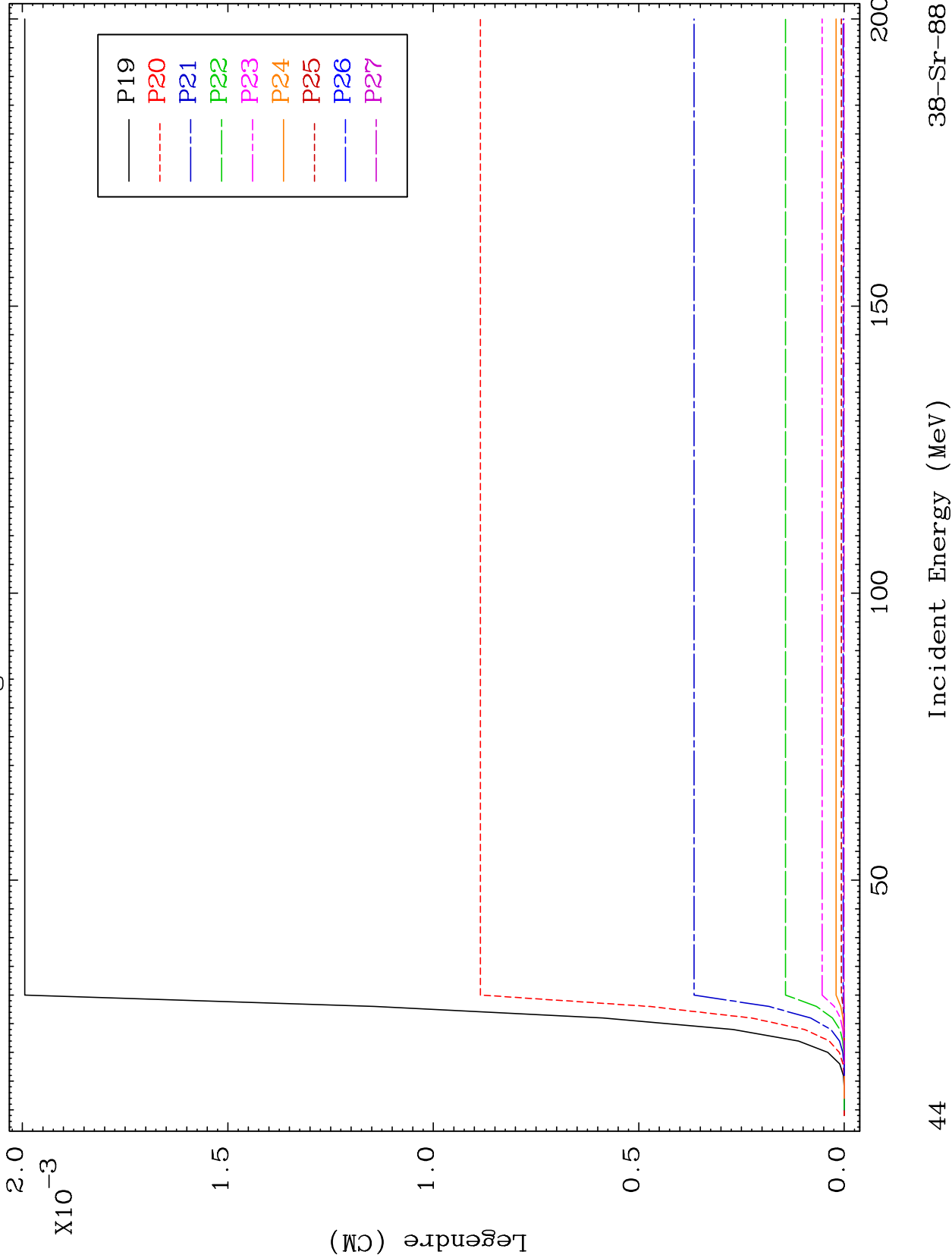
Incident Energy (MeV)

38-Sr-88

MAT 3837

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

38-Sr-88



44

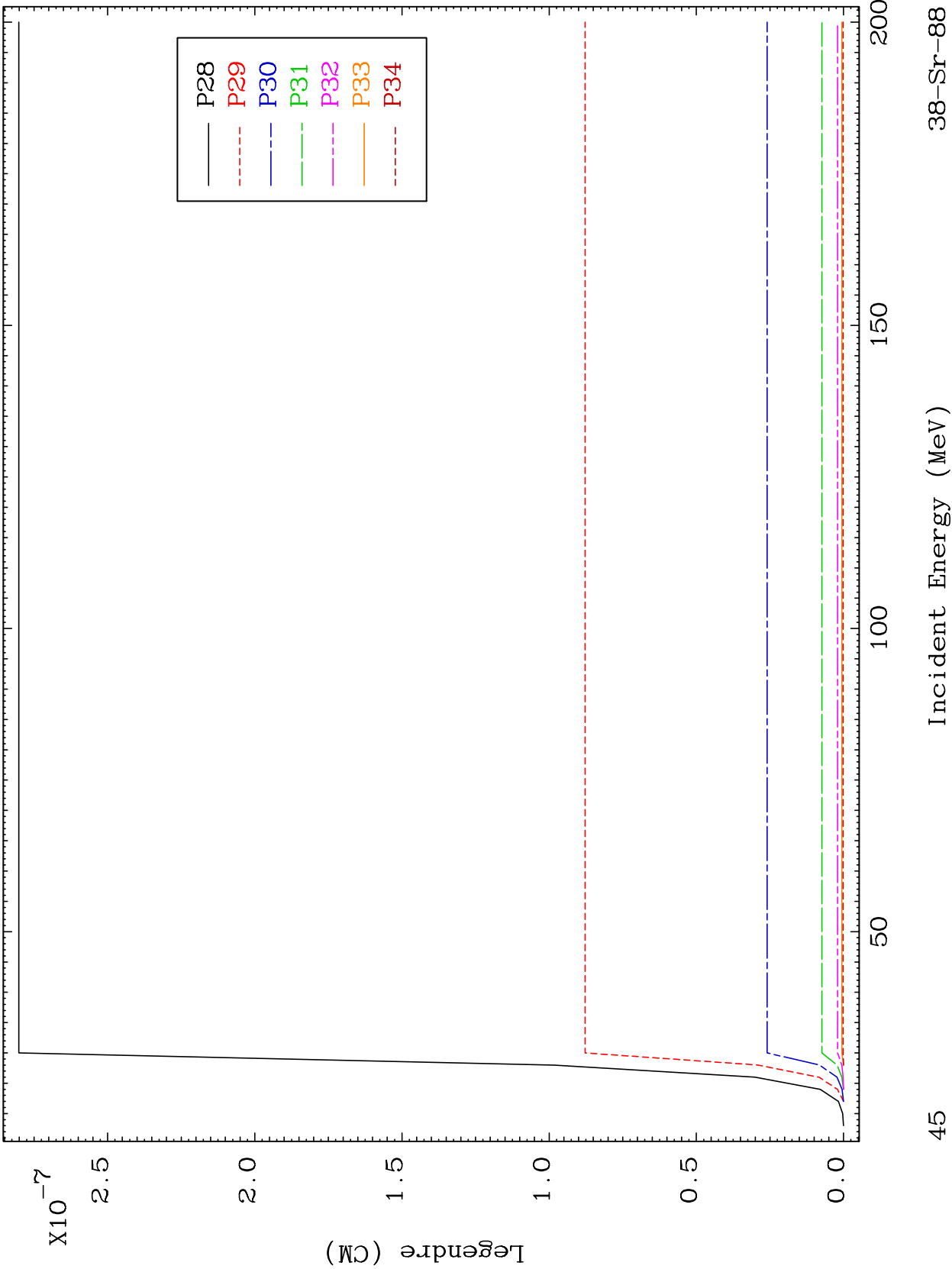
Incident Energy (MeV)

38-Sr-88

MAT 3837

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

38-Sr-88



45

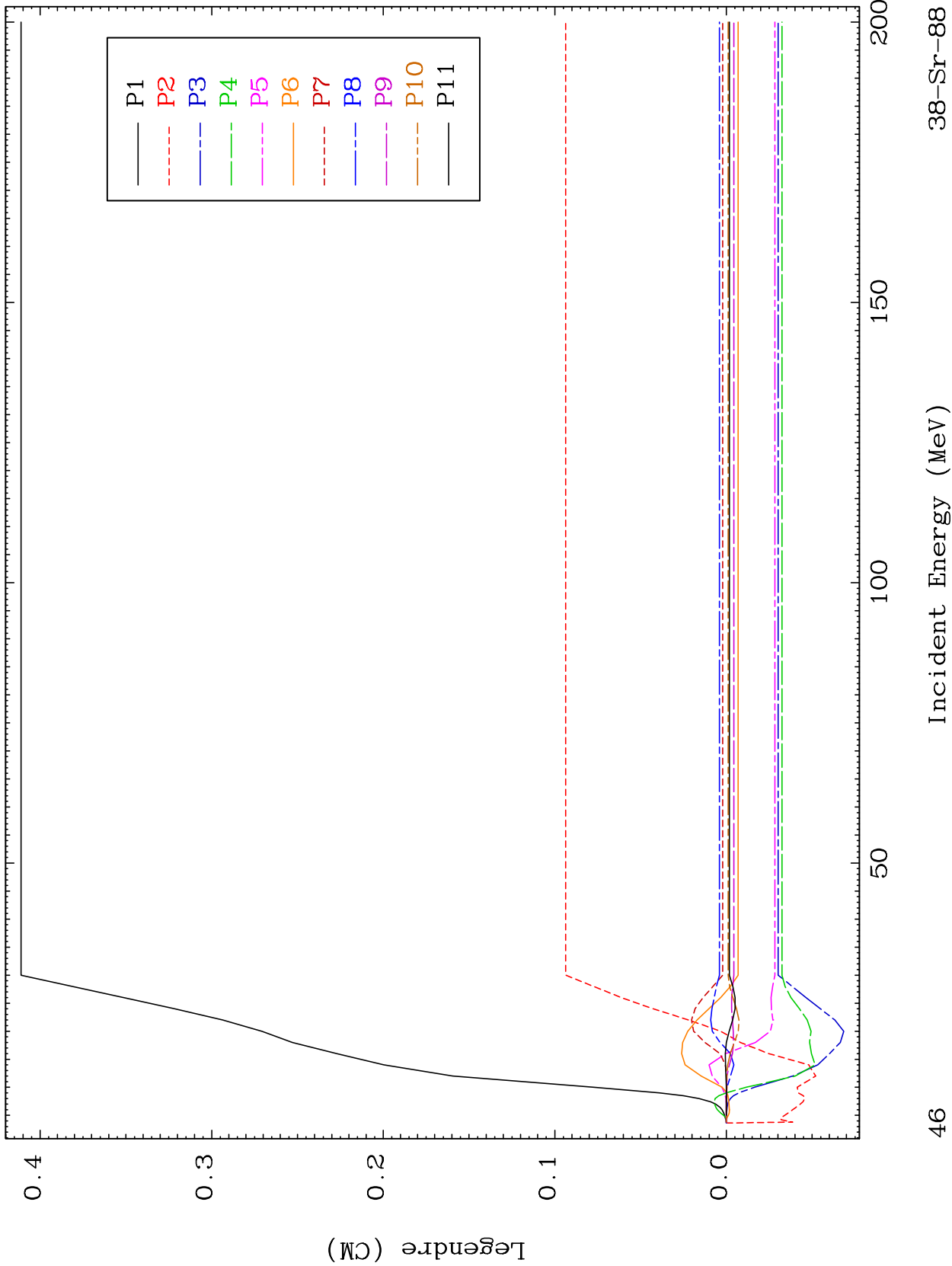
Incident Energy (MeV)

38-Sr-88

MAT 3837

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

38-Sr-88



46

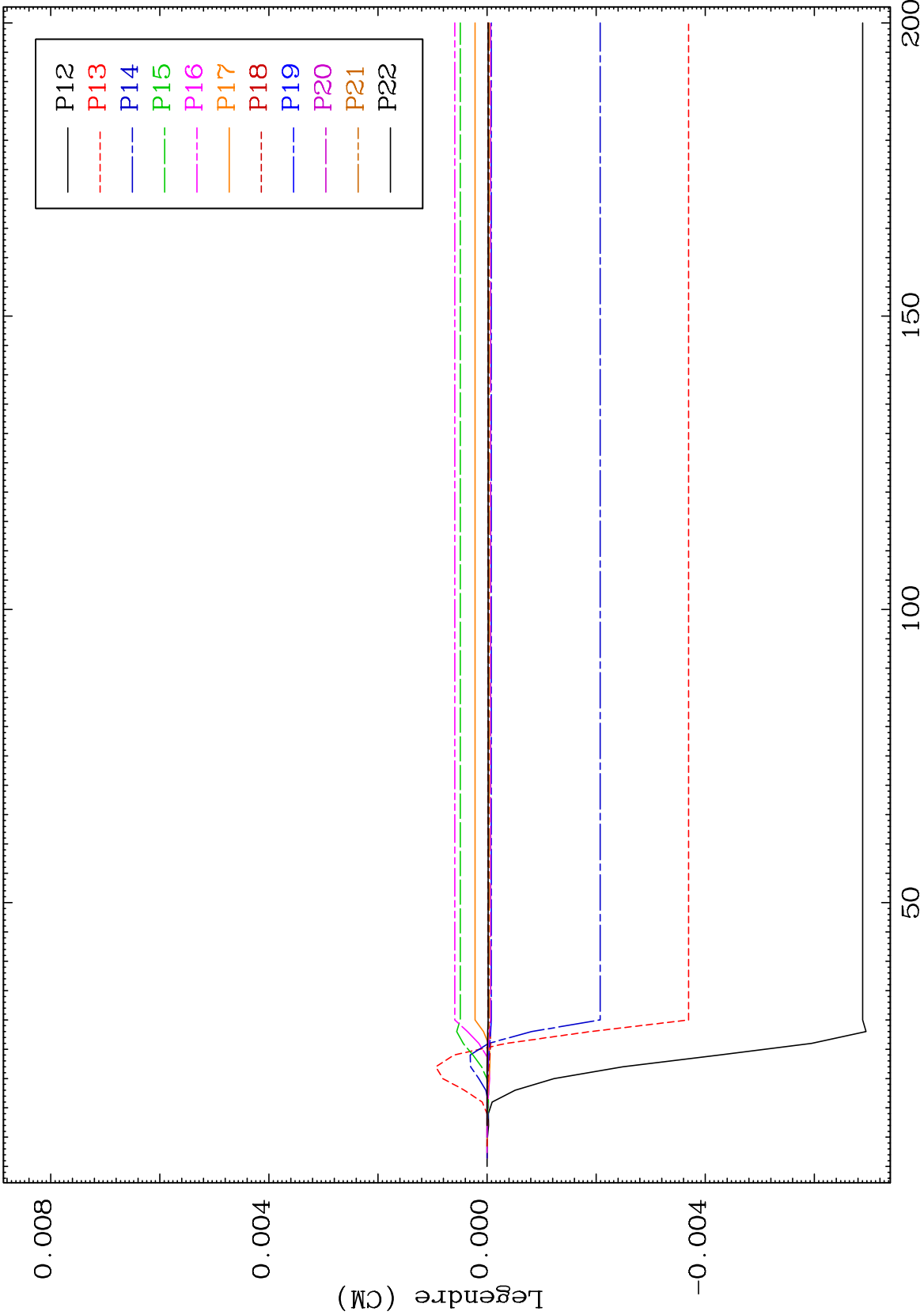
Incident Energy (MeV)

38-Sr-88

MAT 3837

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

38-Sr-88



47

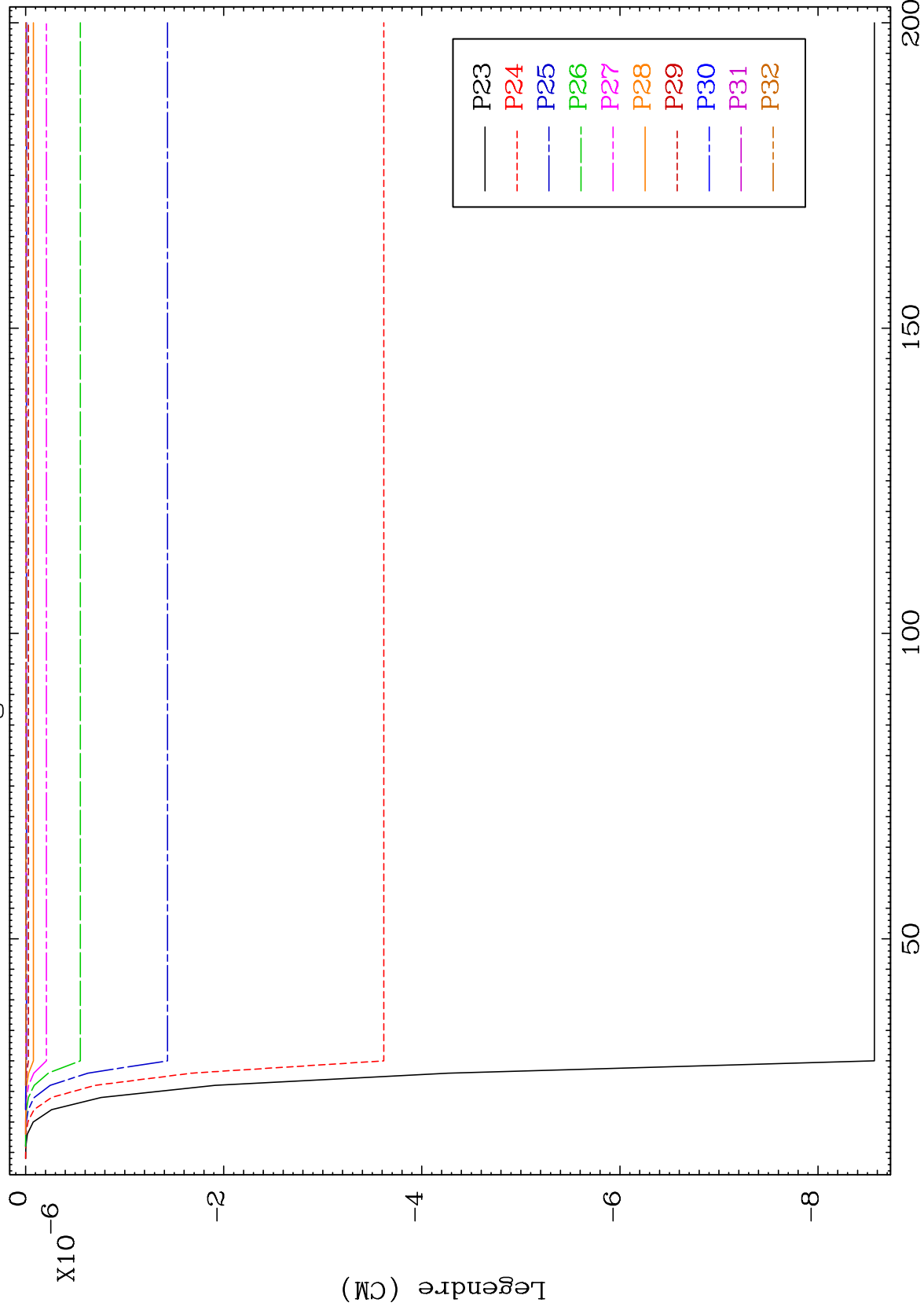
Incident Energy (MeV)

38-Sr-88

MAT 3837

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

38-Sr-88



48

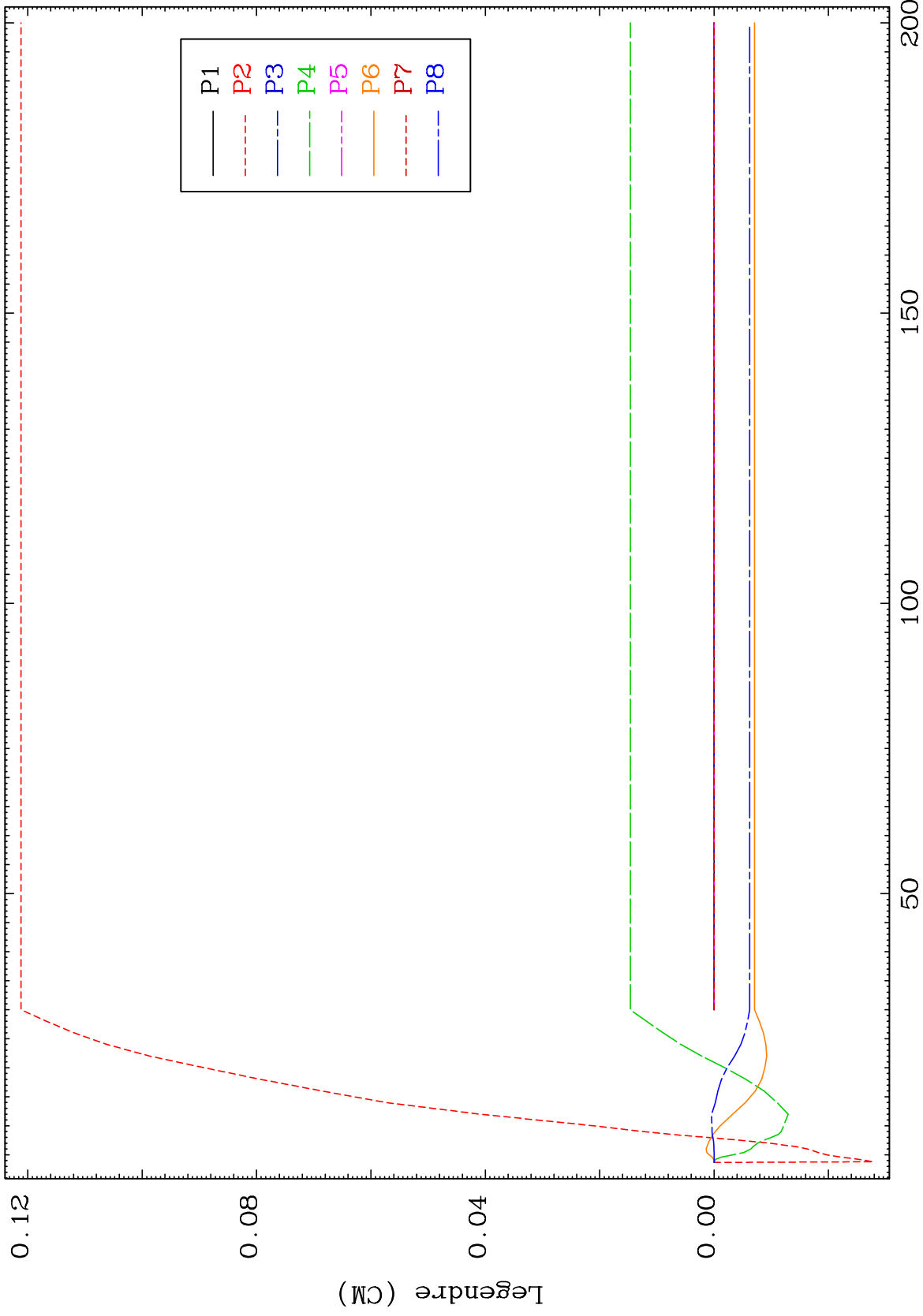
Incident Energy (MeV)

38-Sr-88

MAT 3837

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

38-Sr-88



49

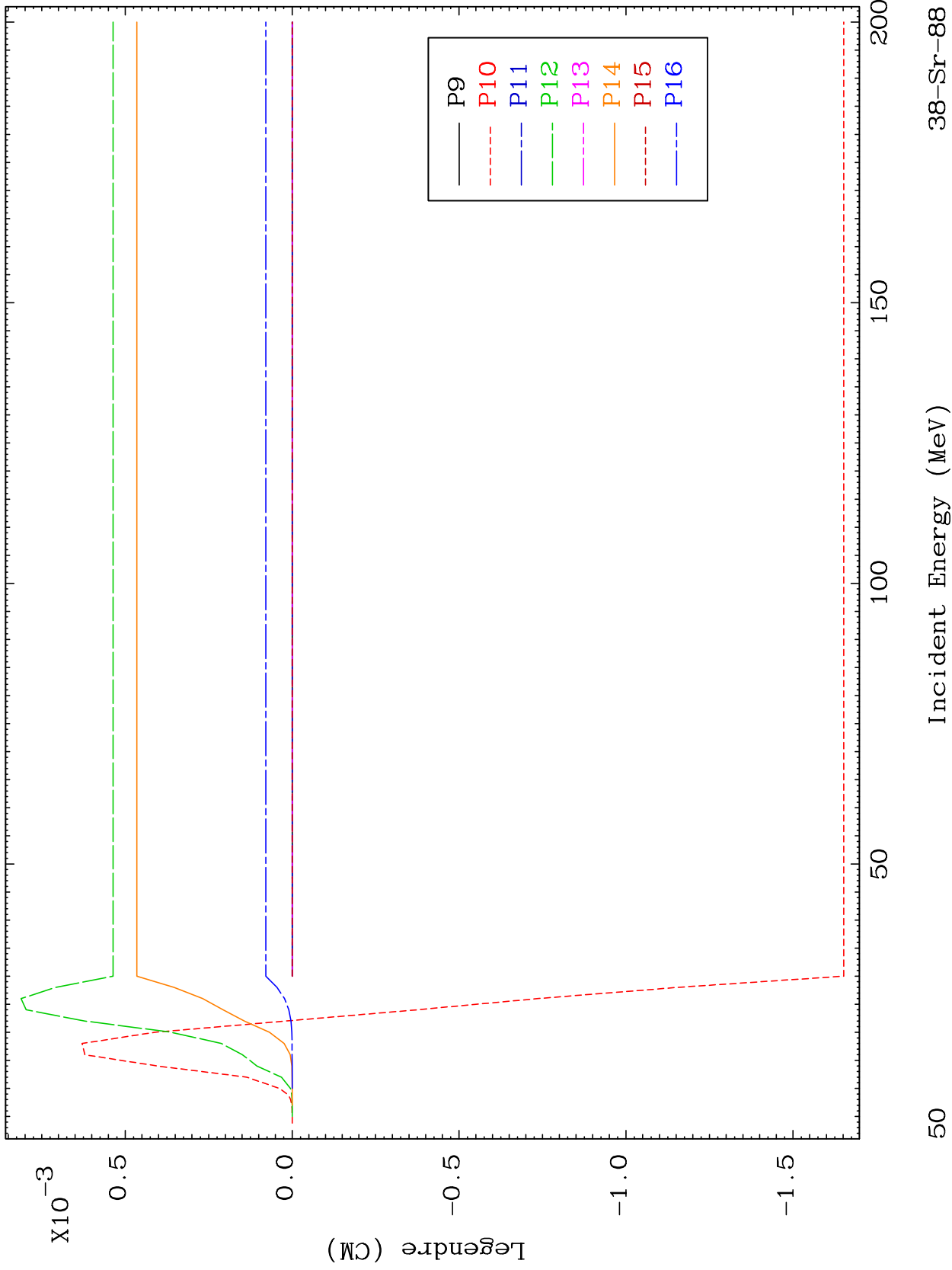
Incident Energy (MeV)

38-Sr-88

MAT 3837

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

38-Sr-88



38-Sr-88

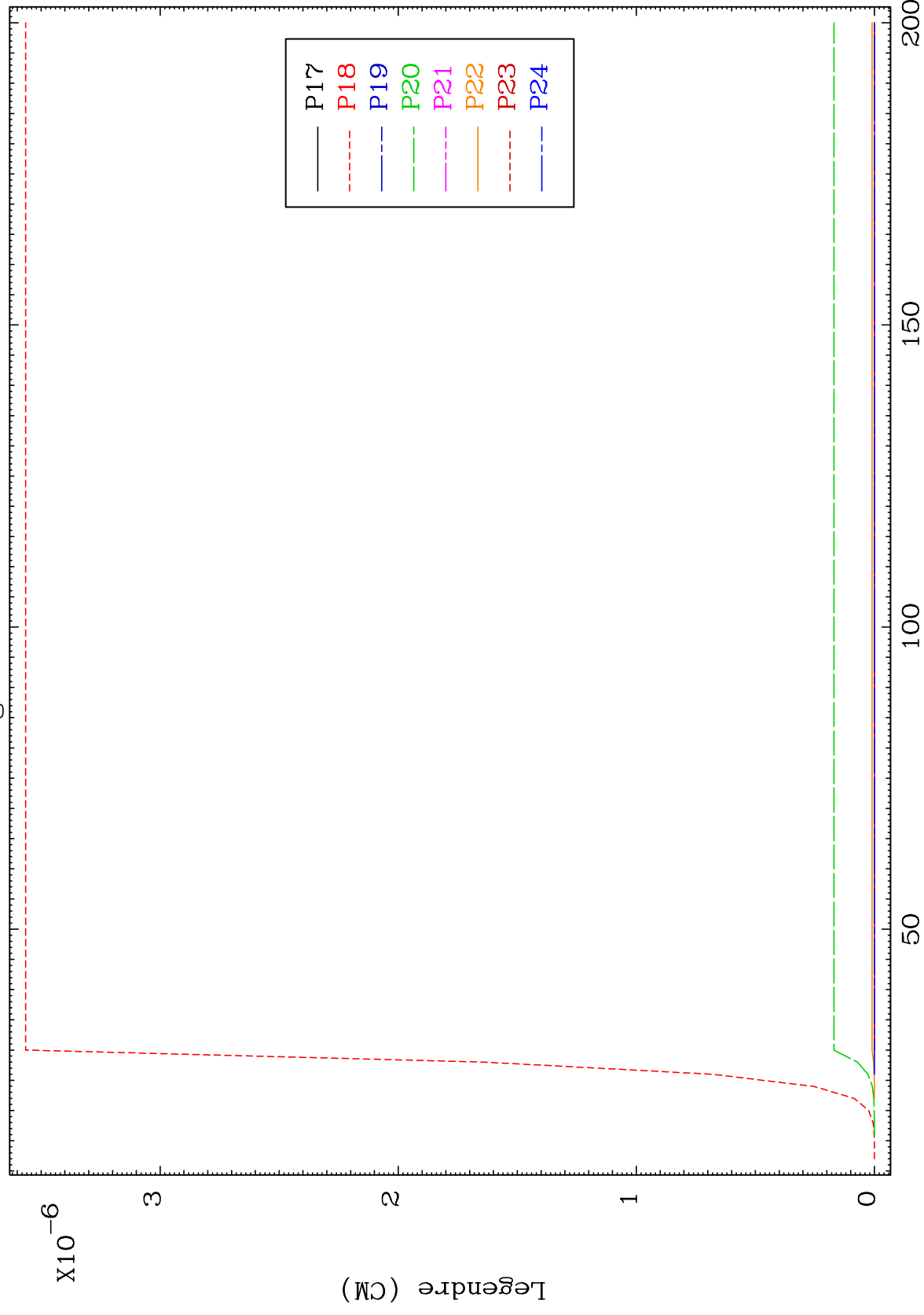
Incident Energy (MeV)

50

MAT 3837

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

38-Sr-88



51

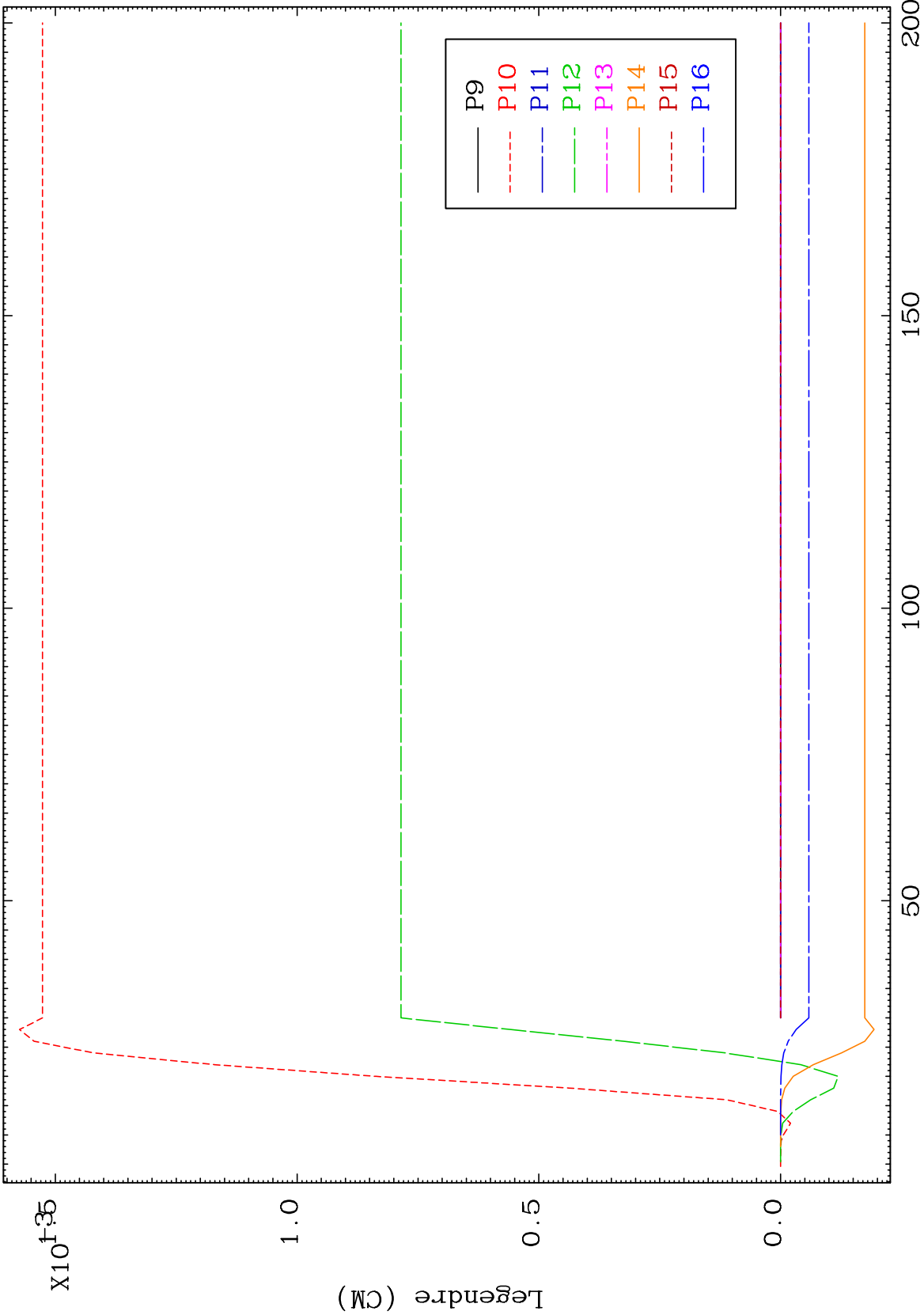
Incident Energy (MeV)

38-Sr-88

MAT 3837

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

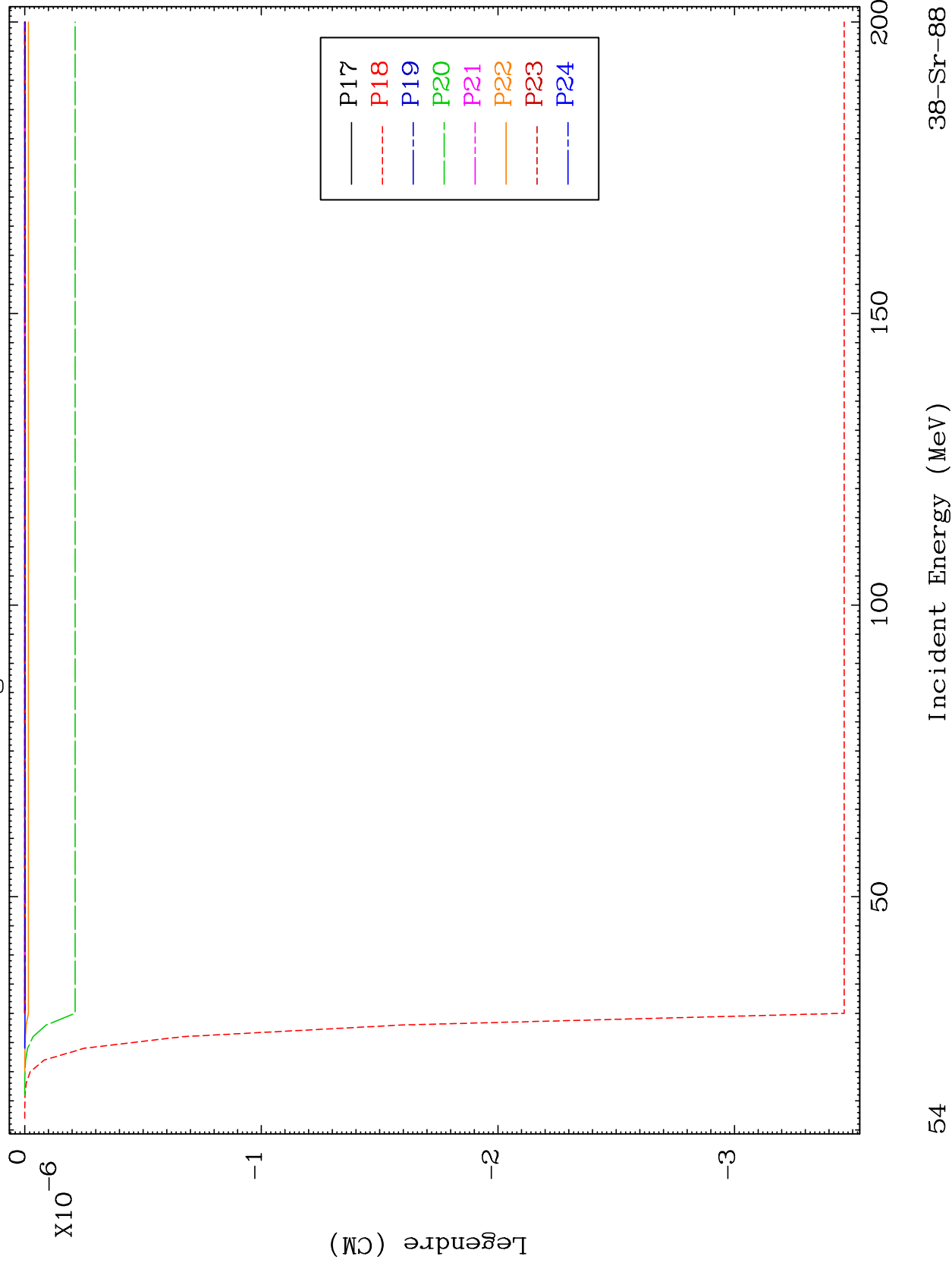
38-Sr-88



MAT 3837

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

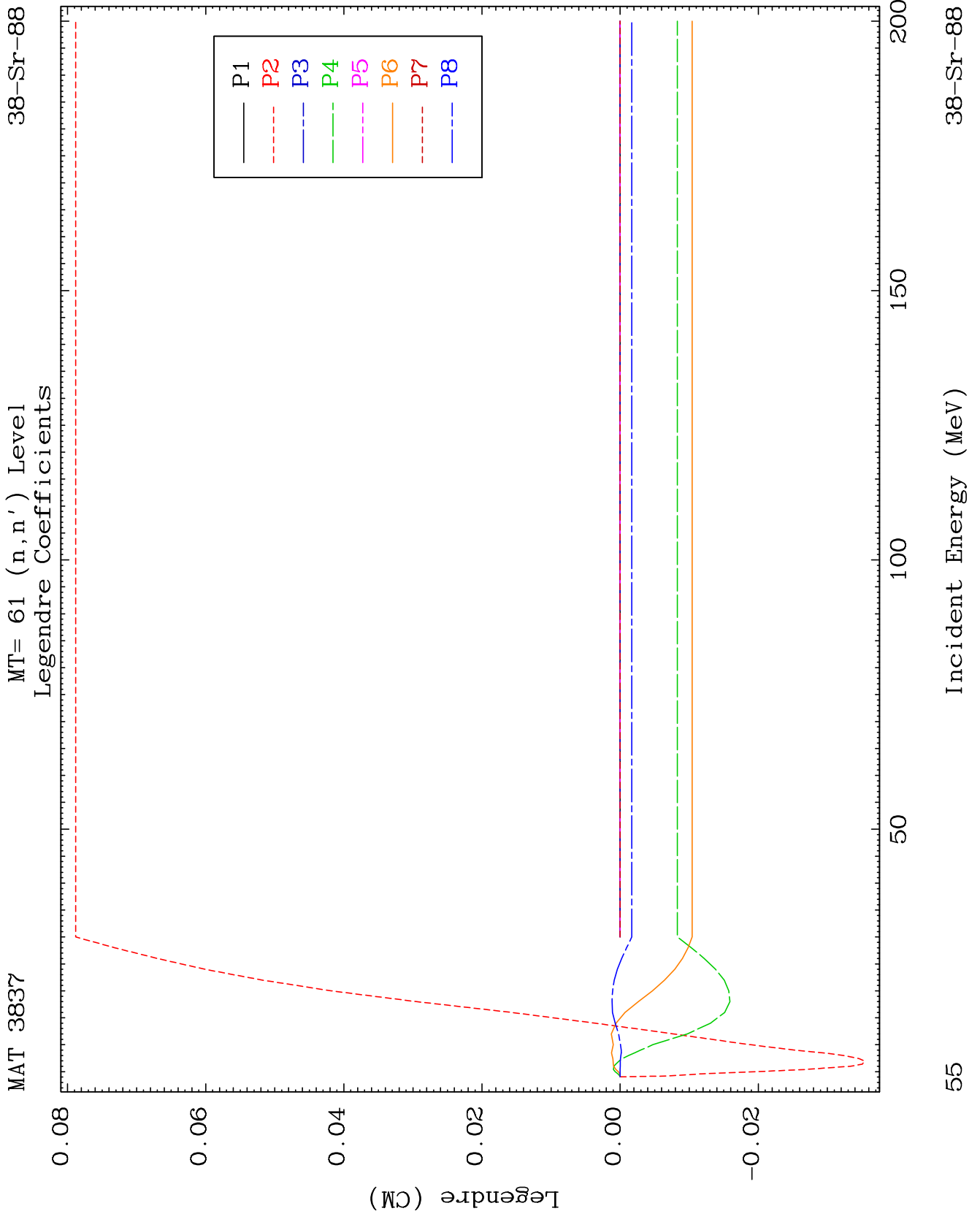
38-Sr-88

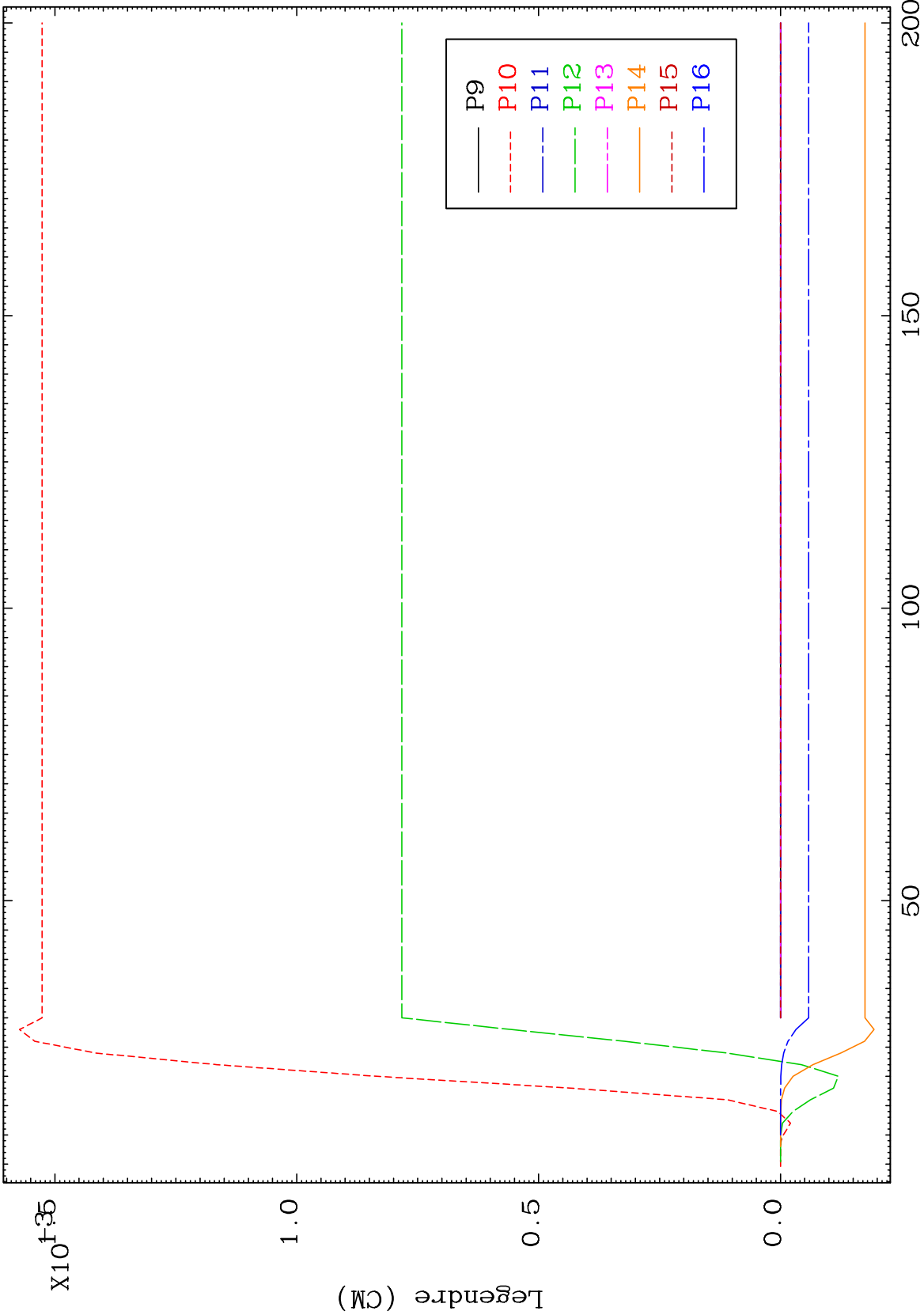


54

Incident Energy (MeV)

38-Sr-88

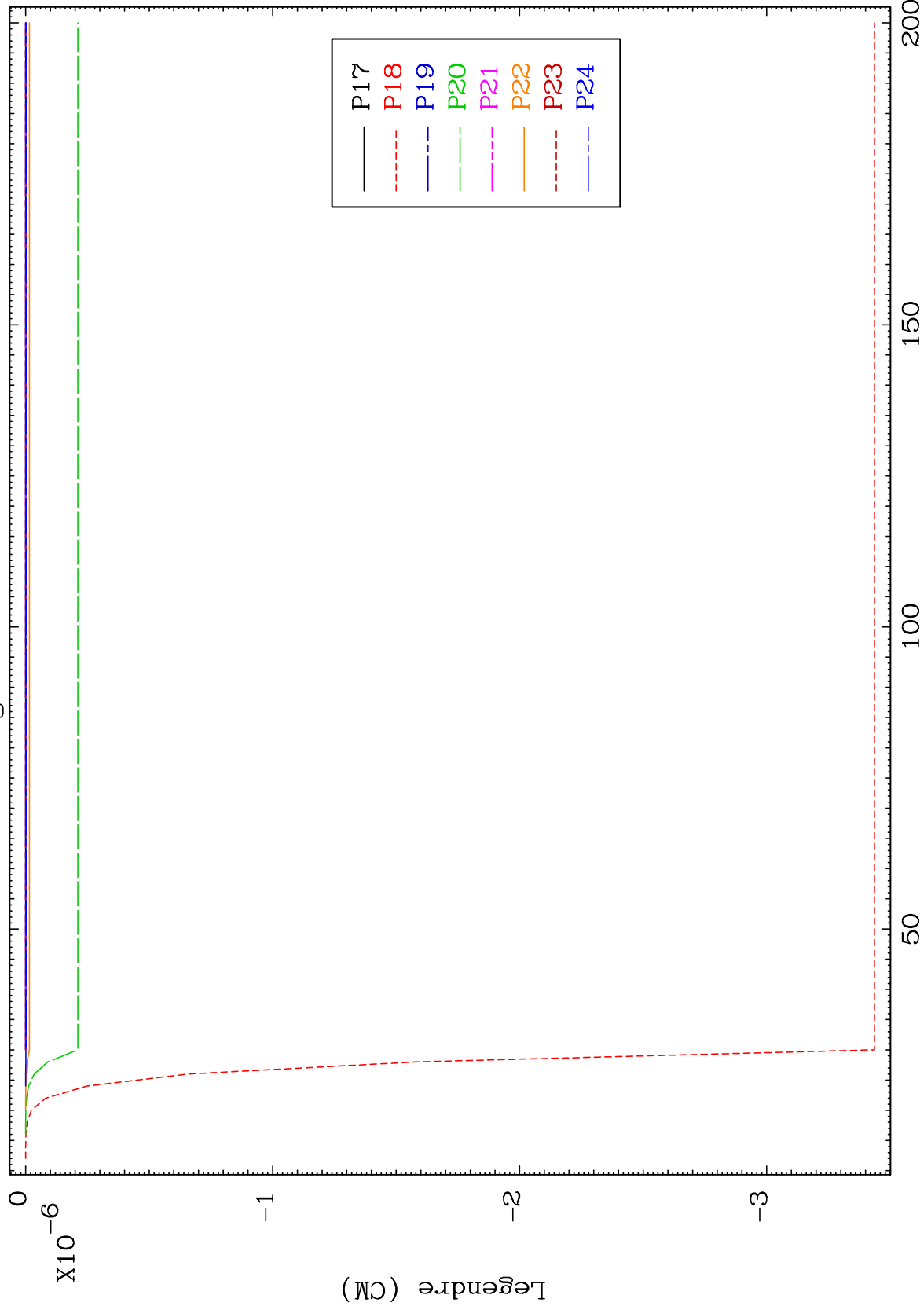




MAT 3837

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

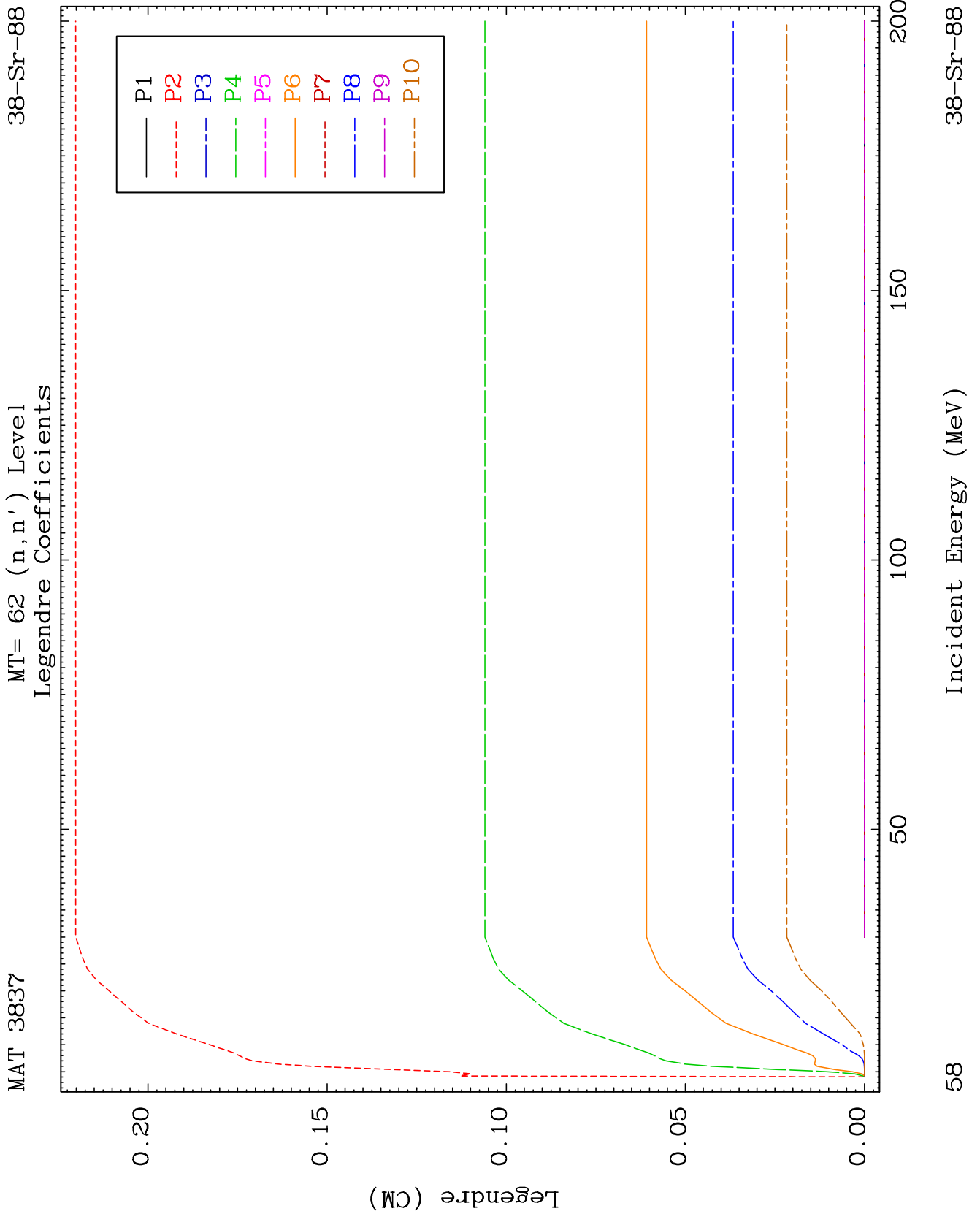
38-Sr-88



57

Incident Energy (MeV)

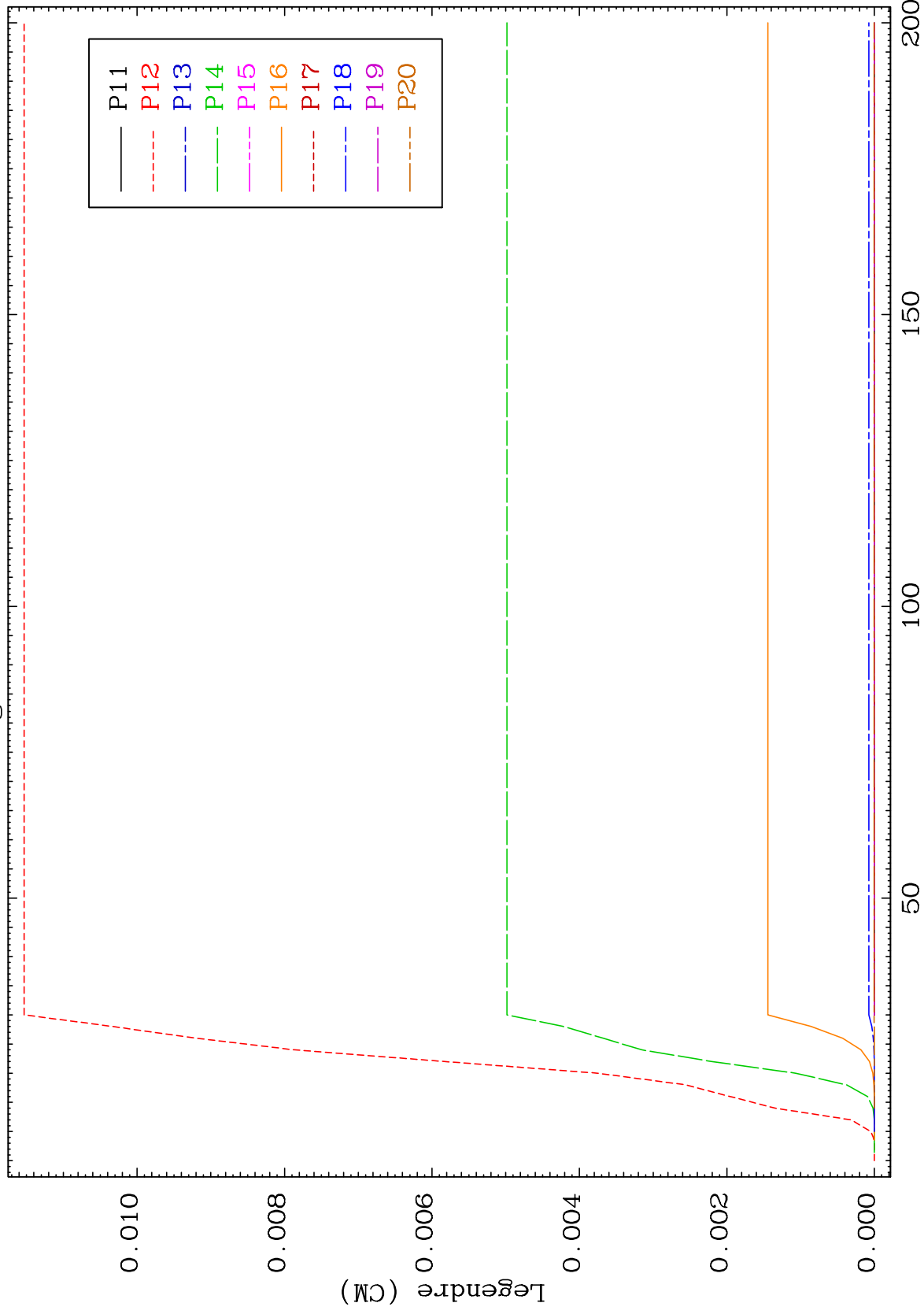
38-Sr-88



MAT 3837

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

38-Sr-88



59

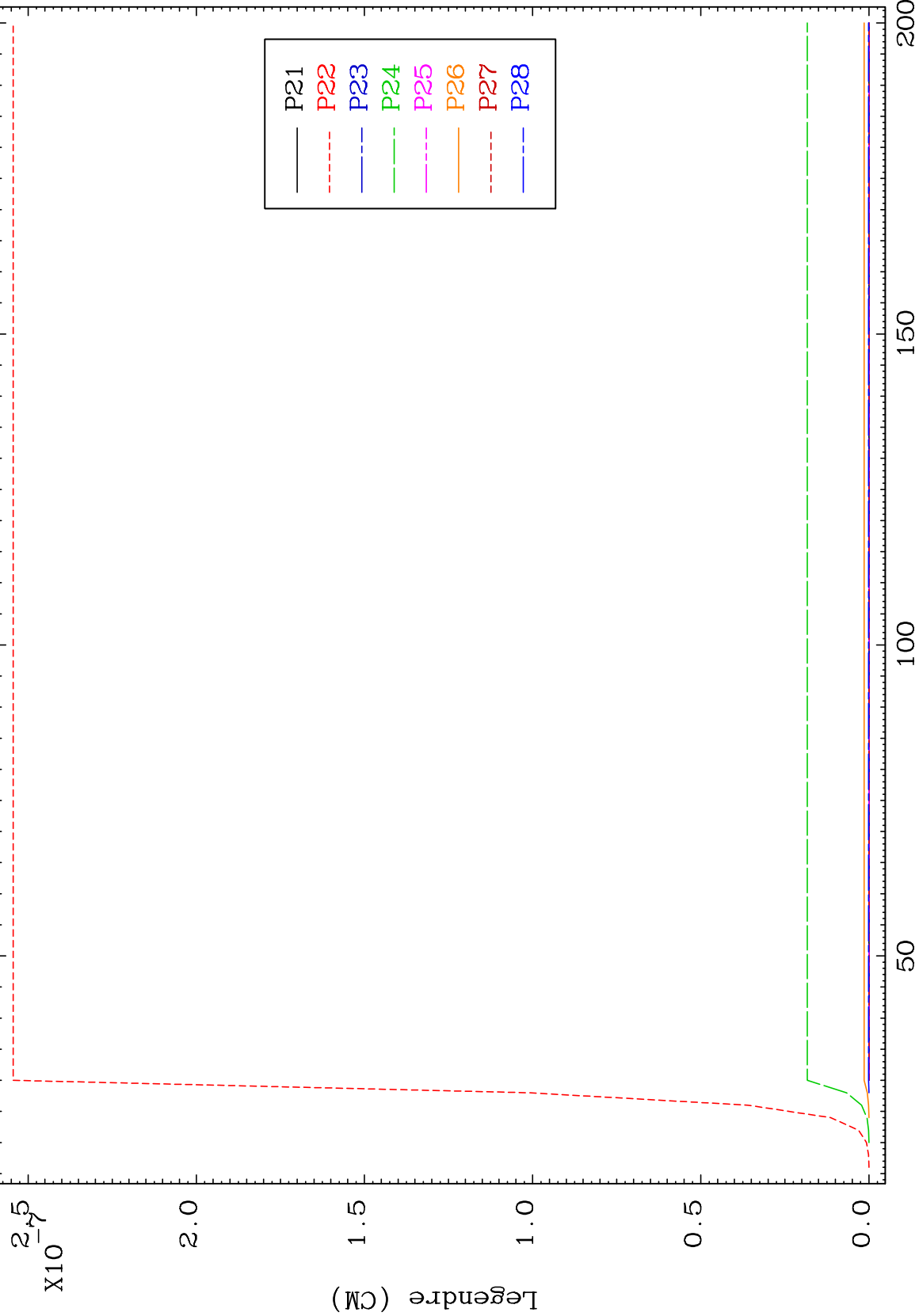
Incident Energy (MeV)

38-Sr-88

MAT 3837

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

38-Sr-88



38-Sr-88

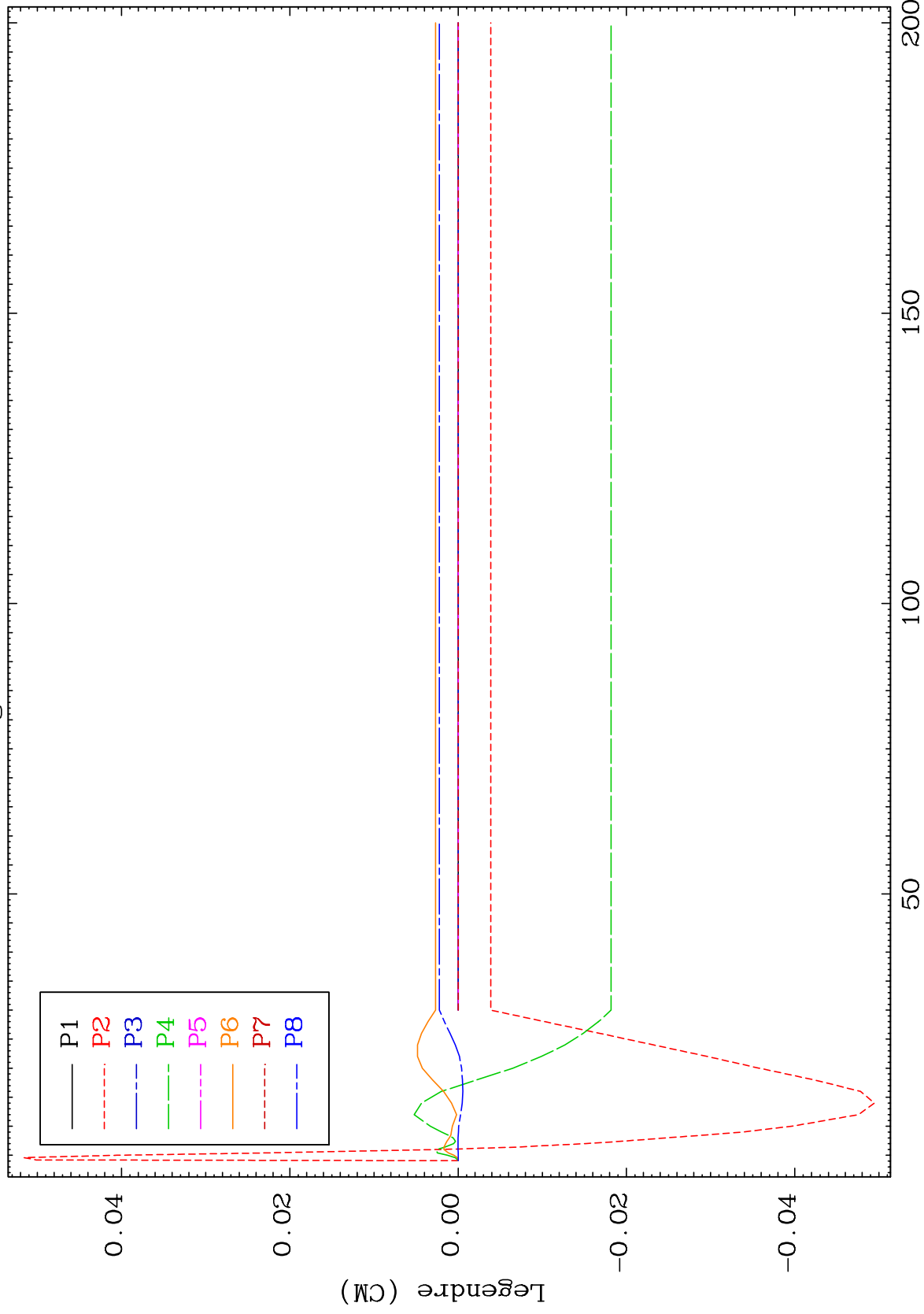
Incident Energy (MeV)

60

MAT 3837

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

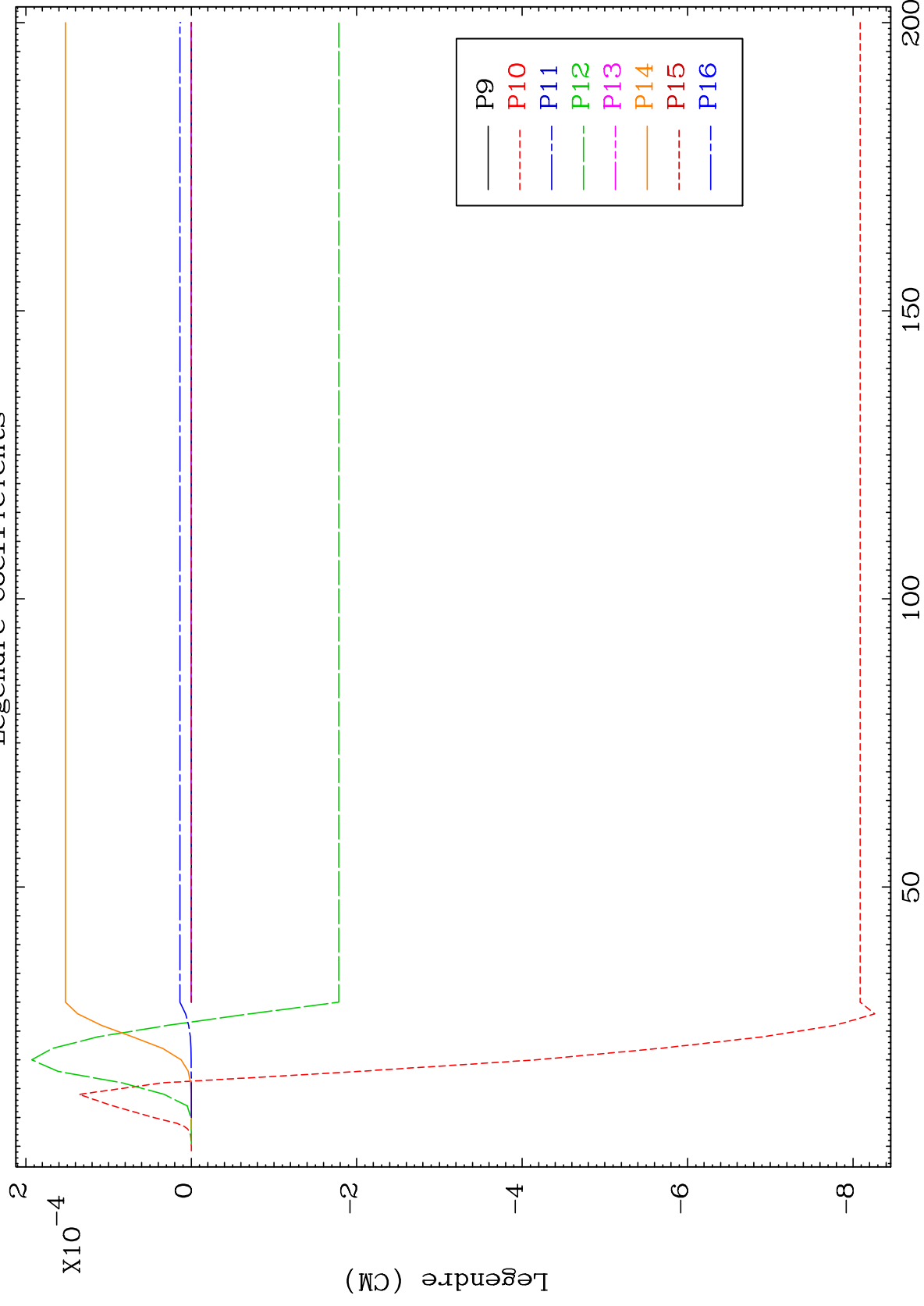
38-Sr-88

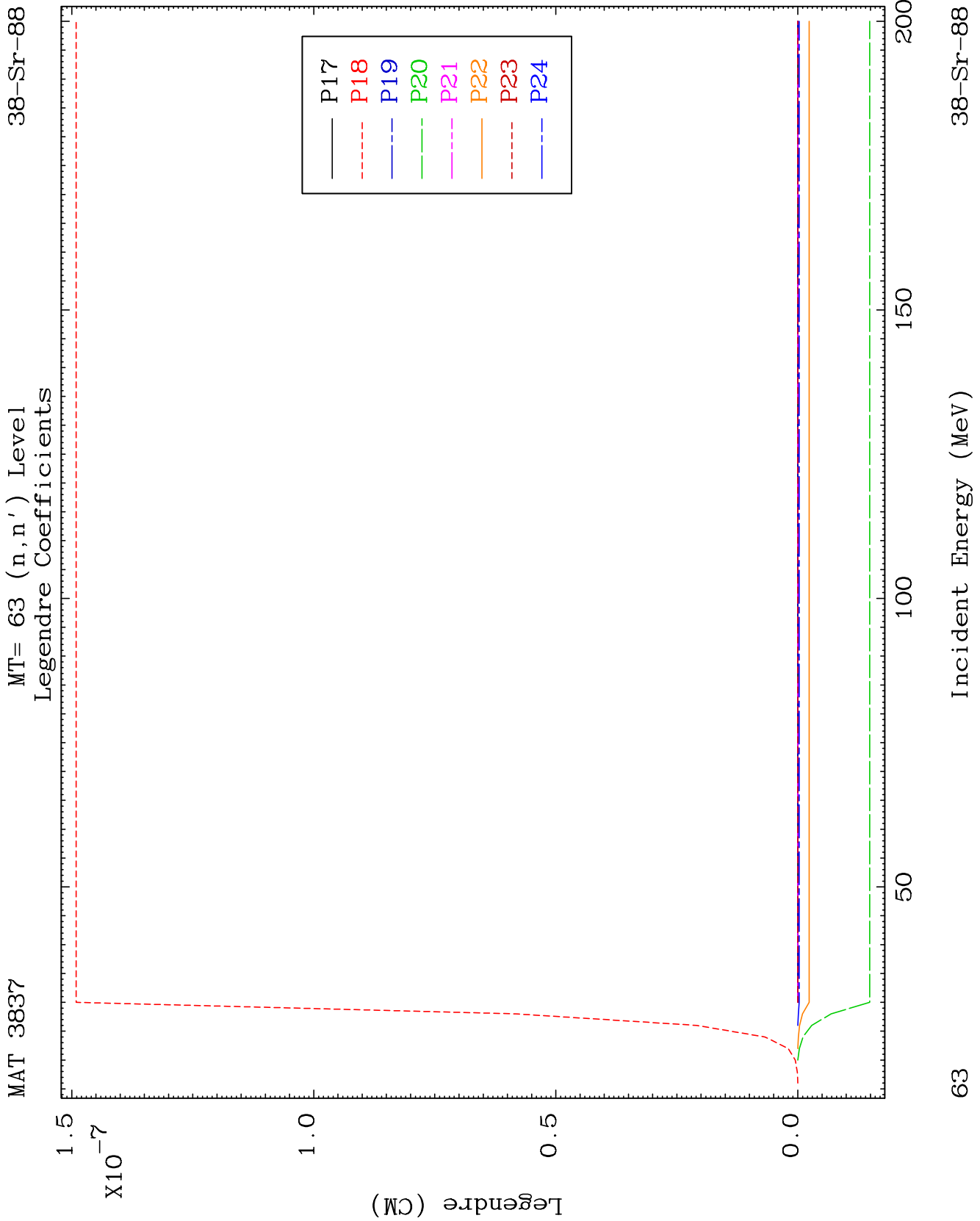


61

Incident Energy (MeV)

38-Sr-88

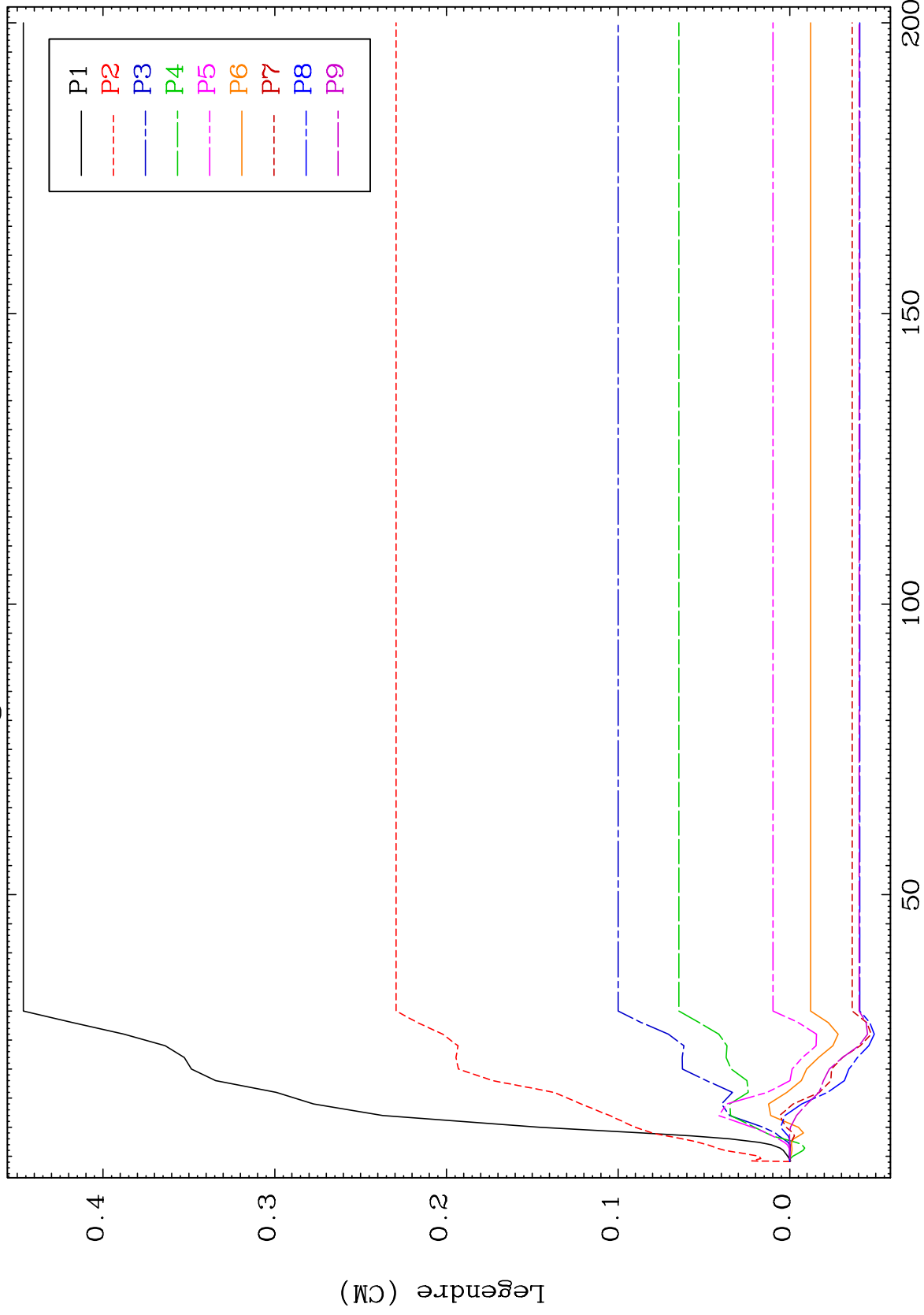




MAT 3837

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

38-Sr-88



64

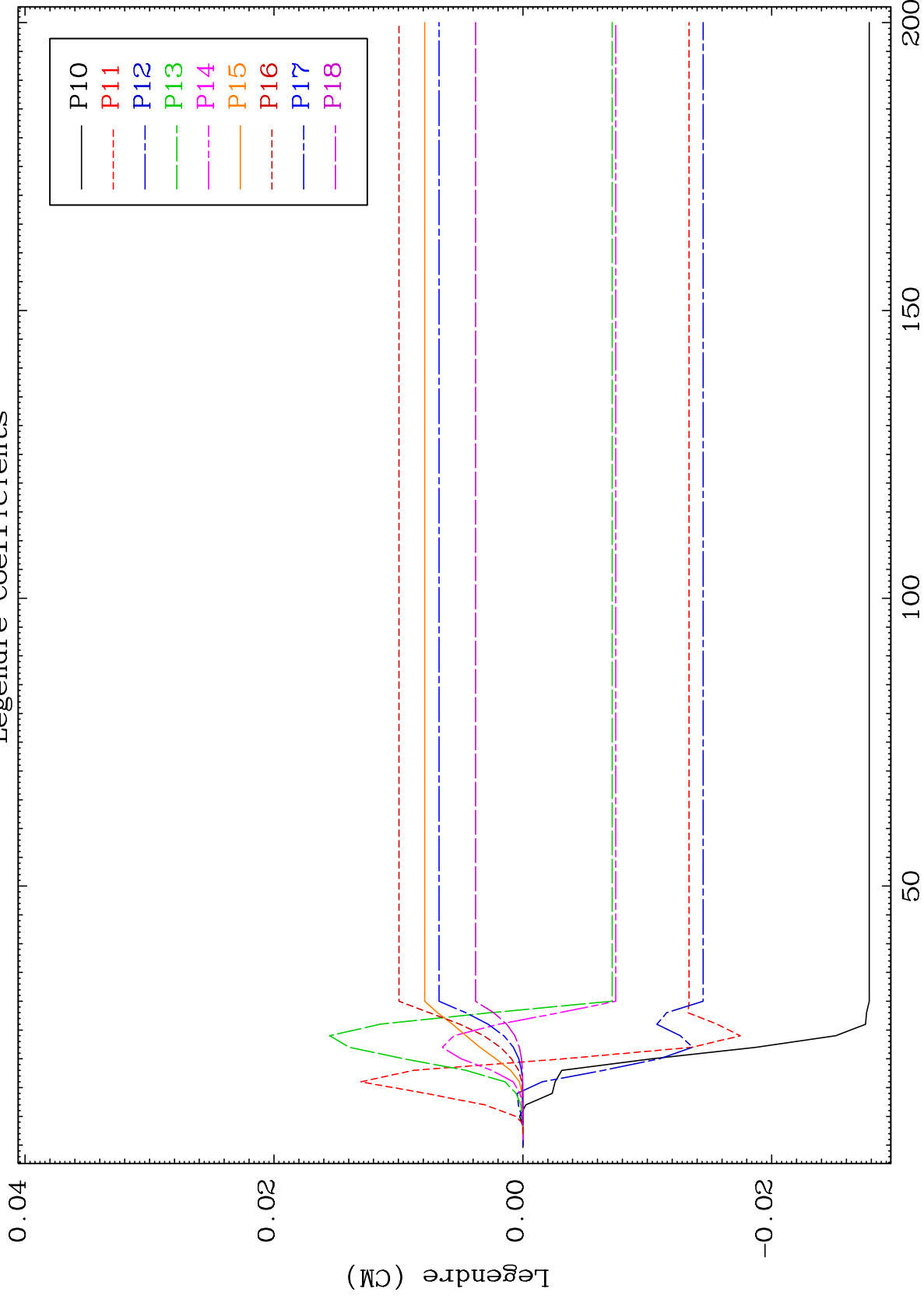
Incident Energy (MeV)

38-Sr-88

MAT 3837

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

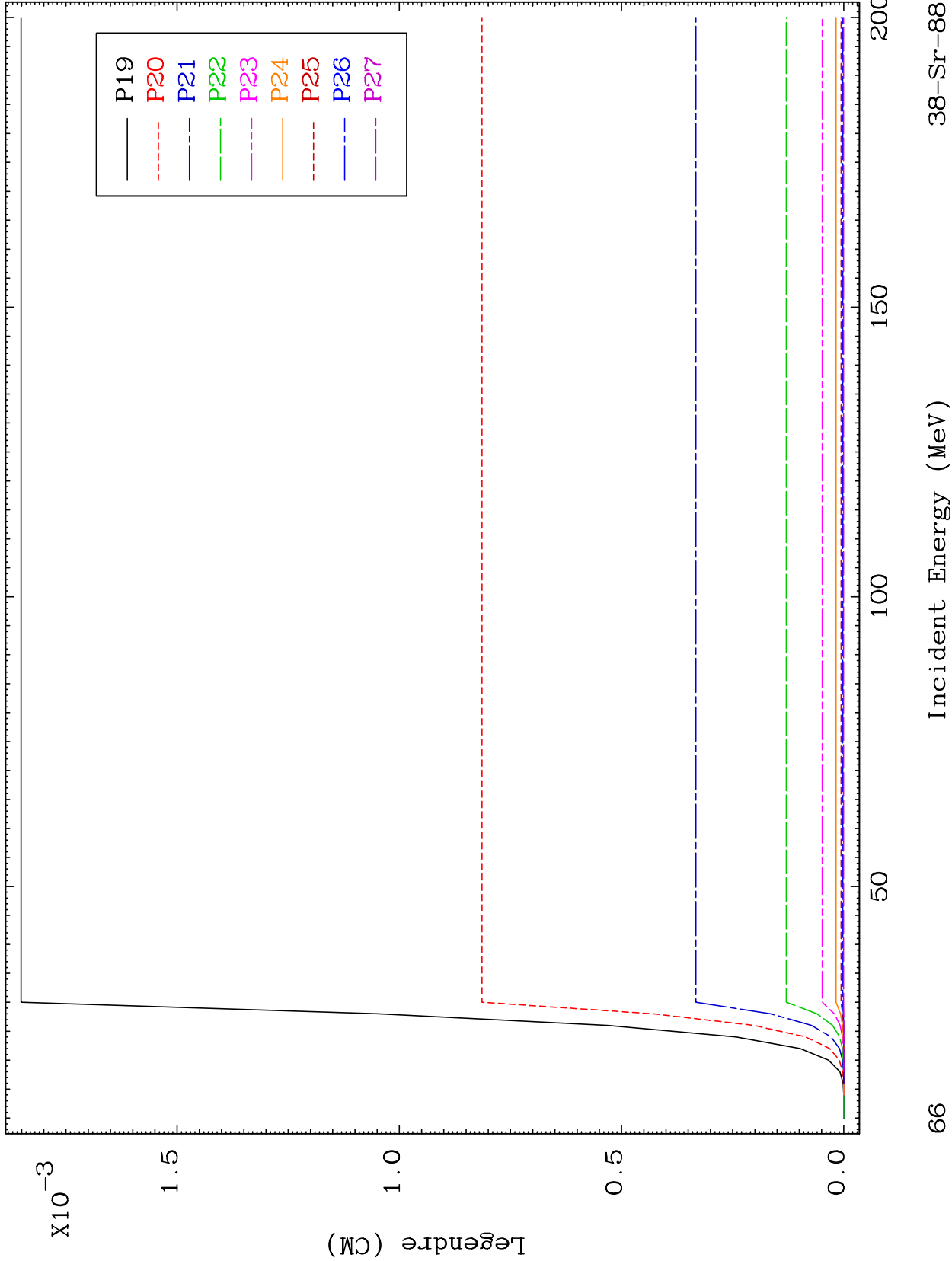
38-Sr-88

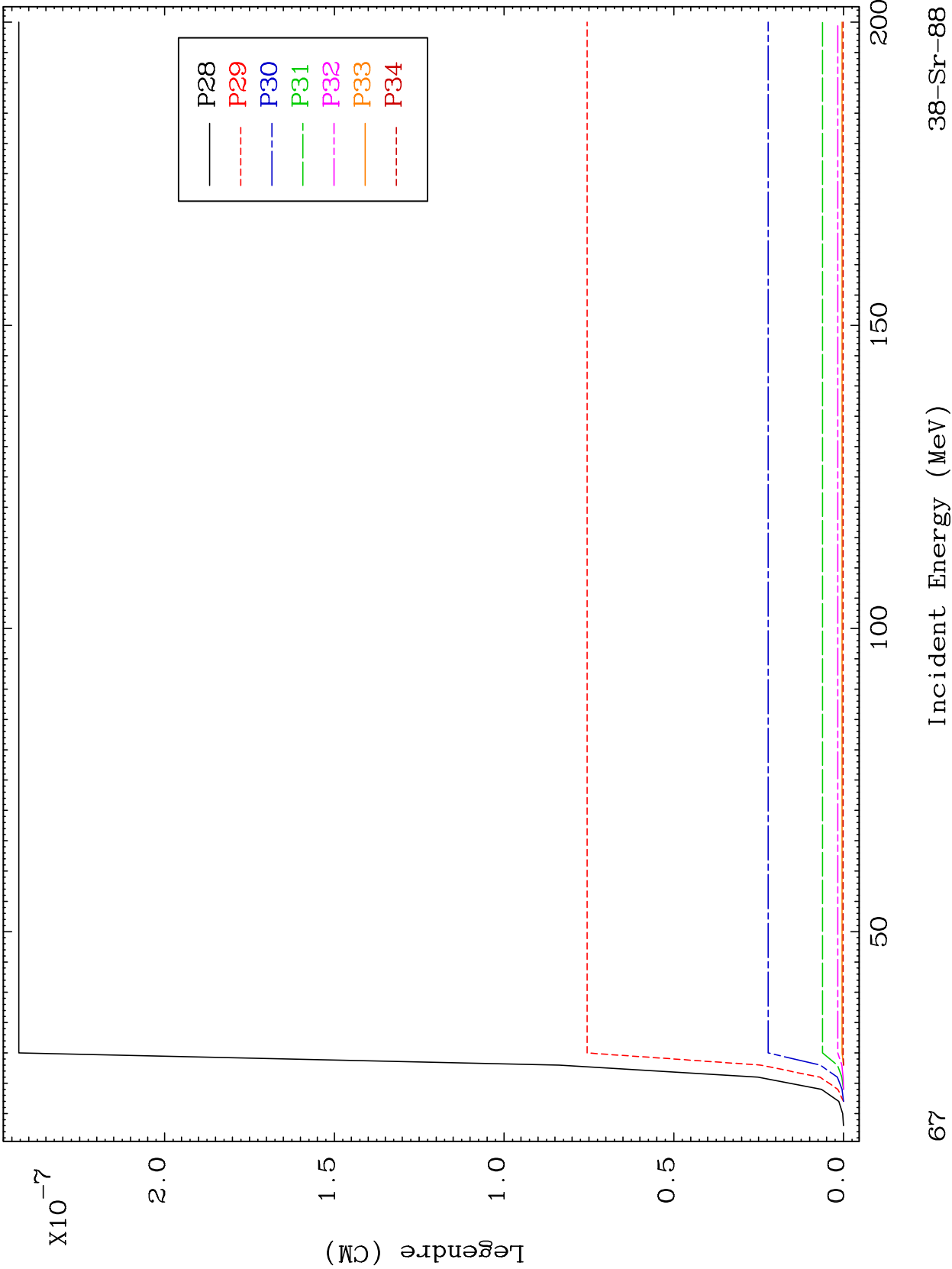


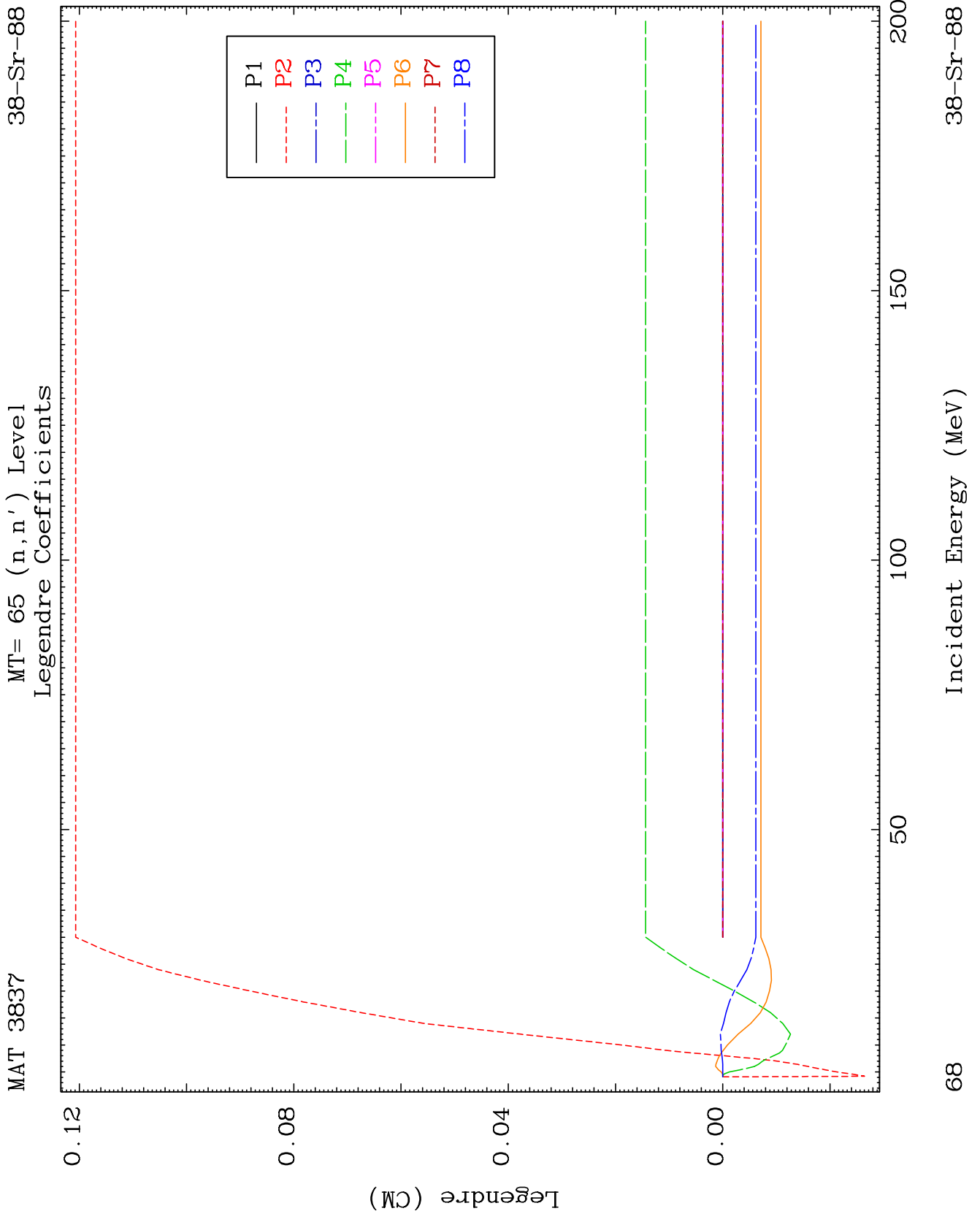
65

Incident Energy (MeV)

38-Sr-88



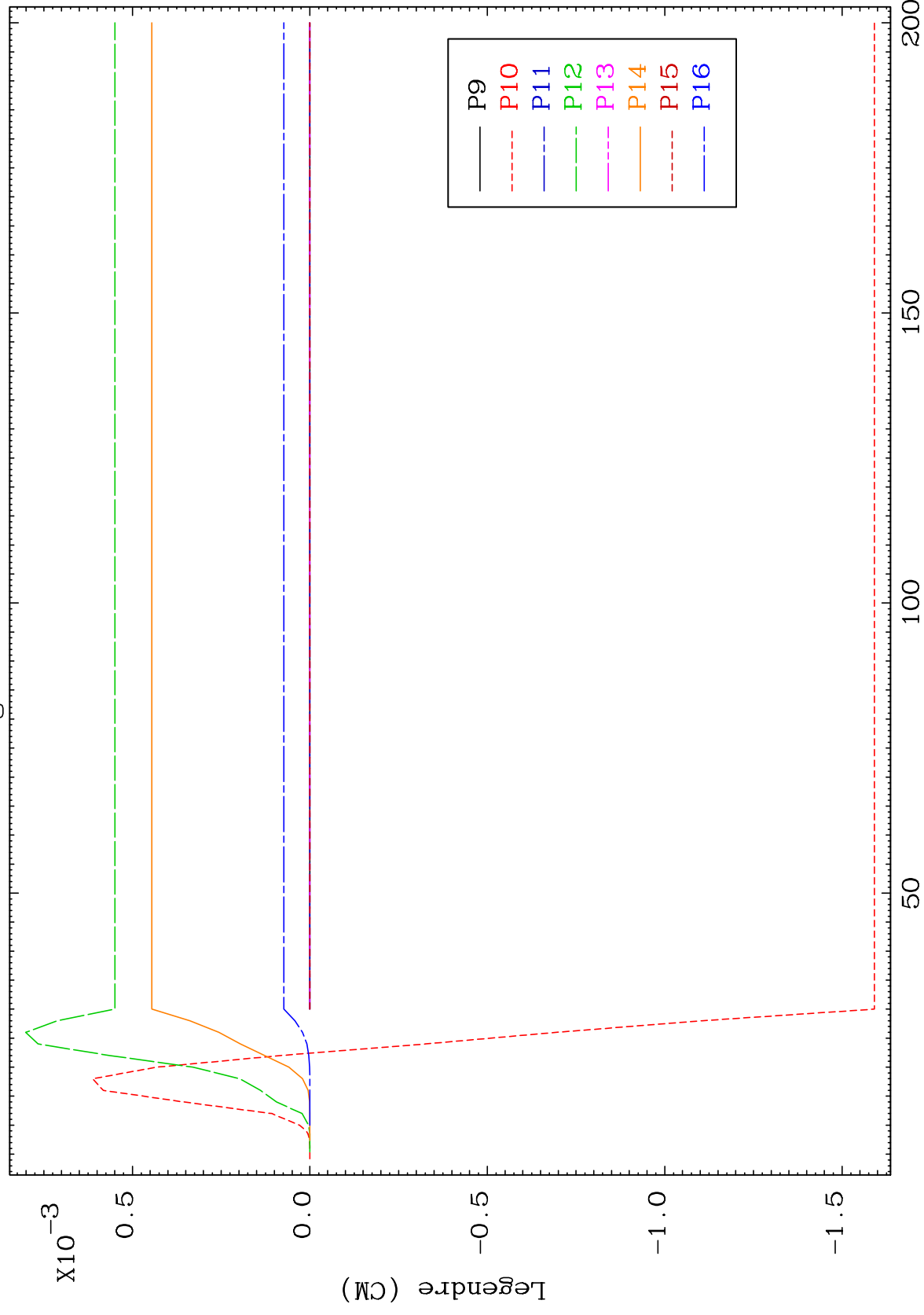




MAT 3837

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

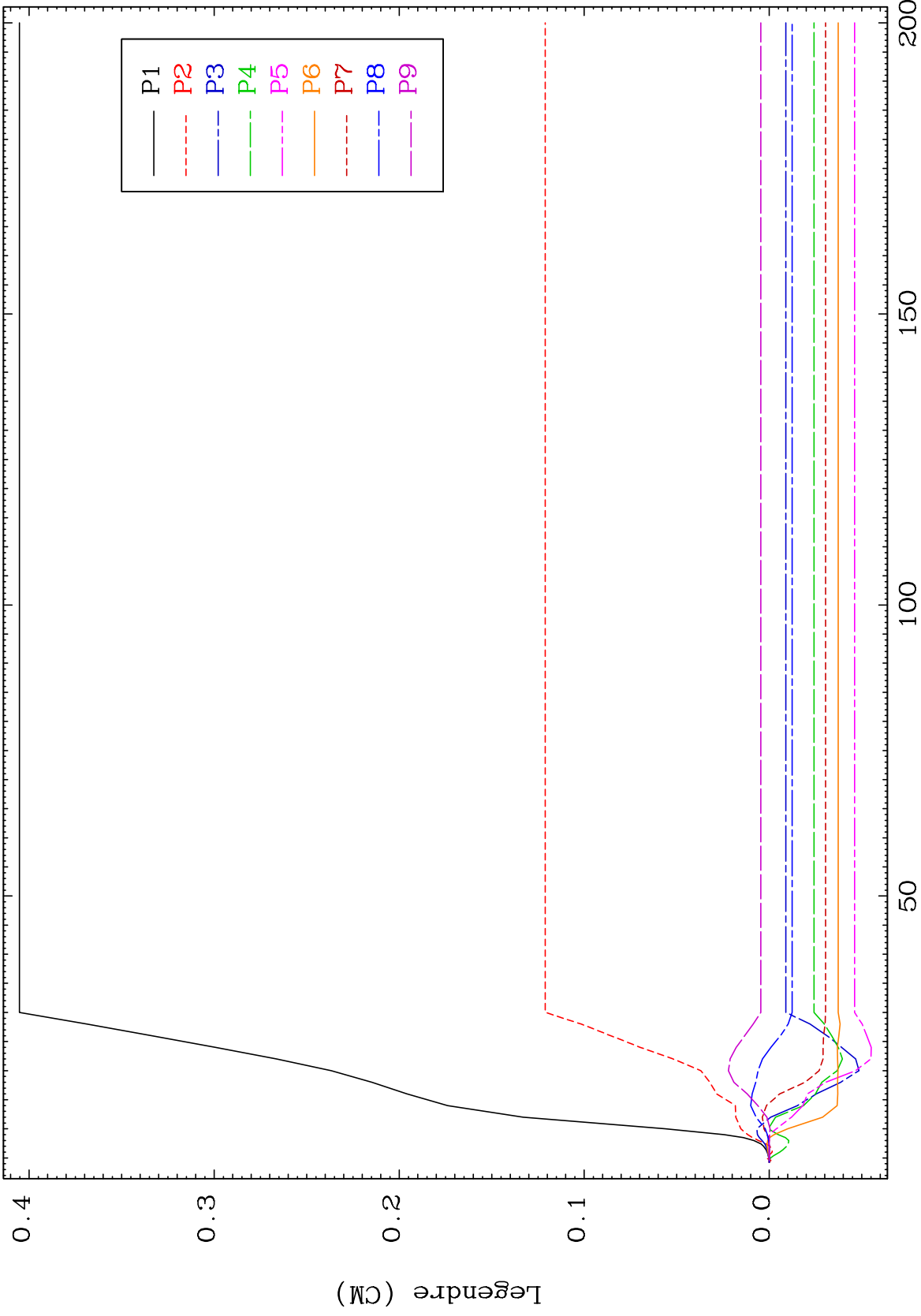
38-Sr-88



69

Incident Energy (MeV)

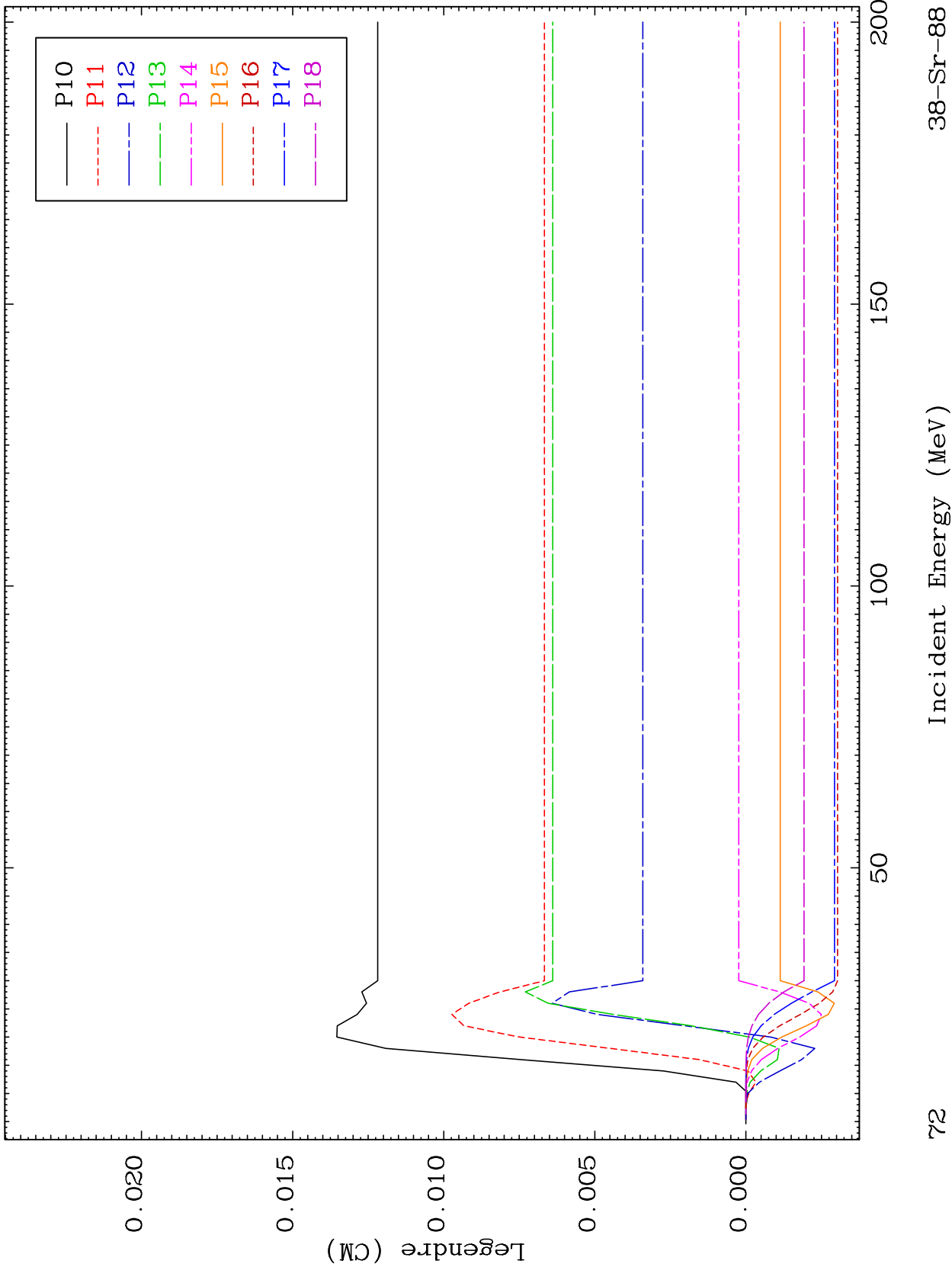
38-Sr-88



MAT 3837

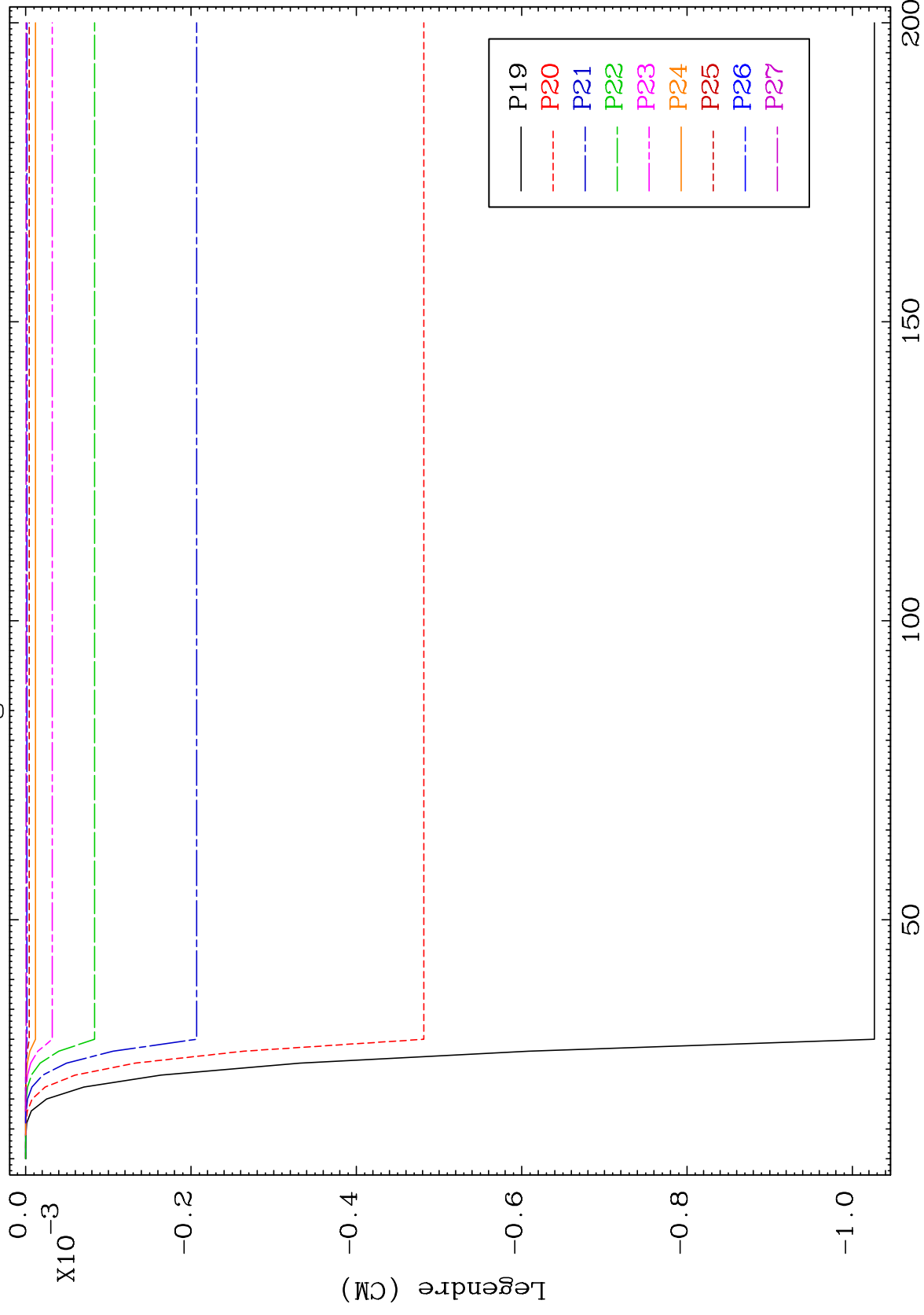
MT= 66 (n,n') Level
Legendre Coefficients

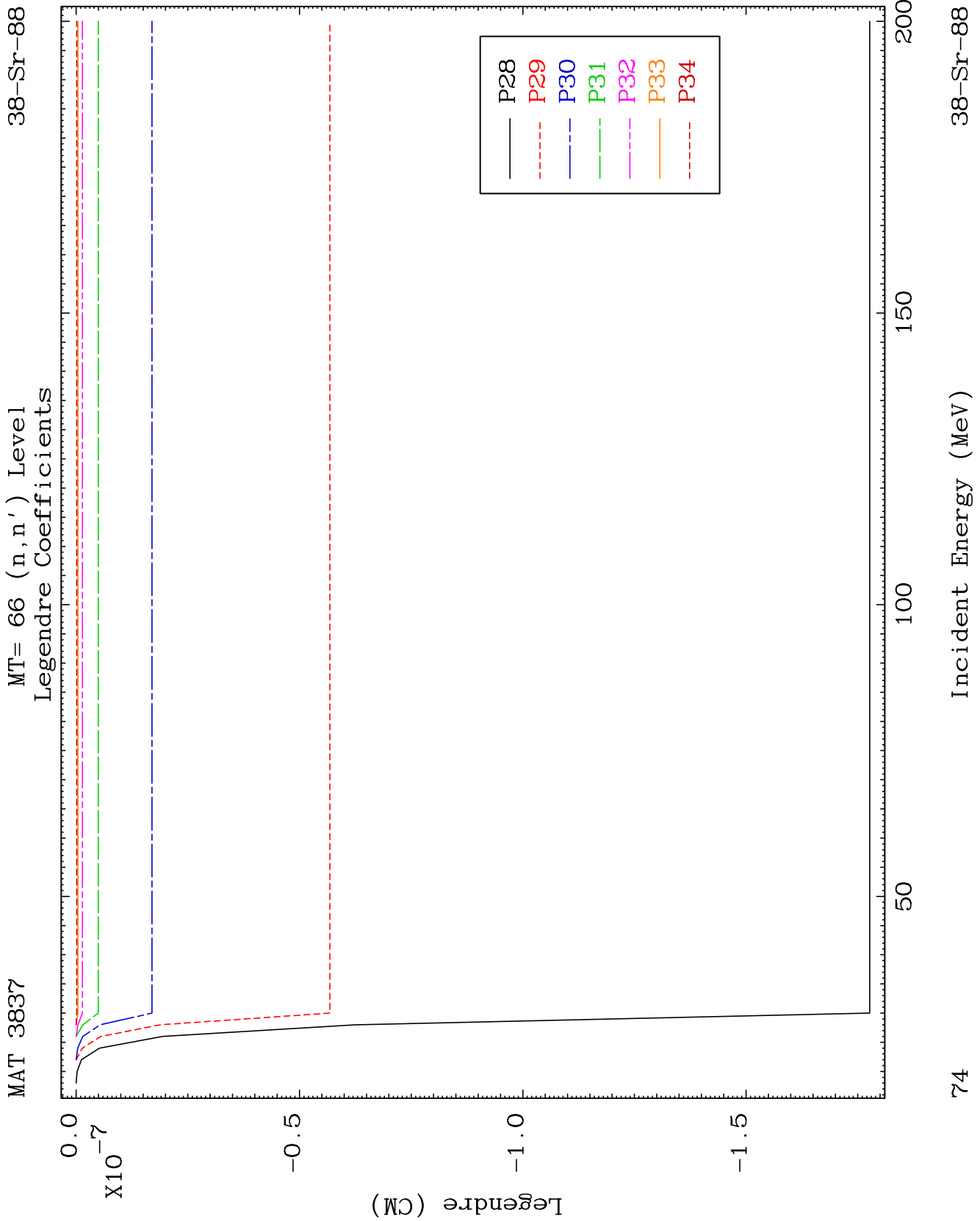
38-Sr-88



72

38-Sr-88

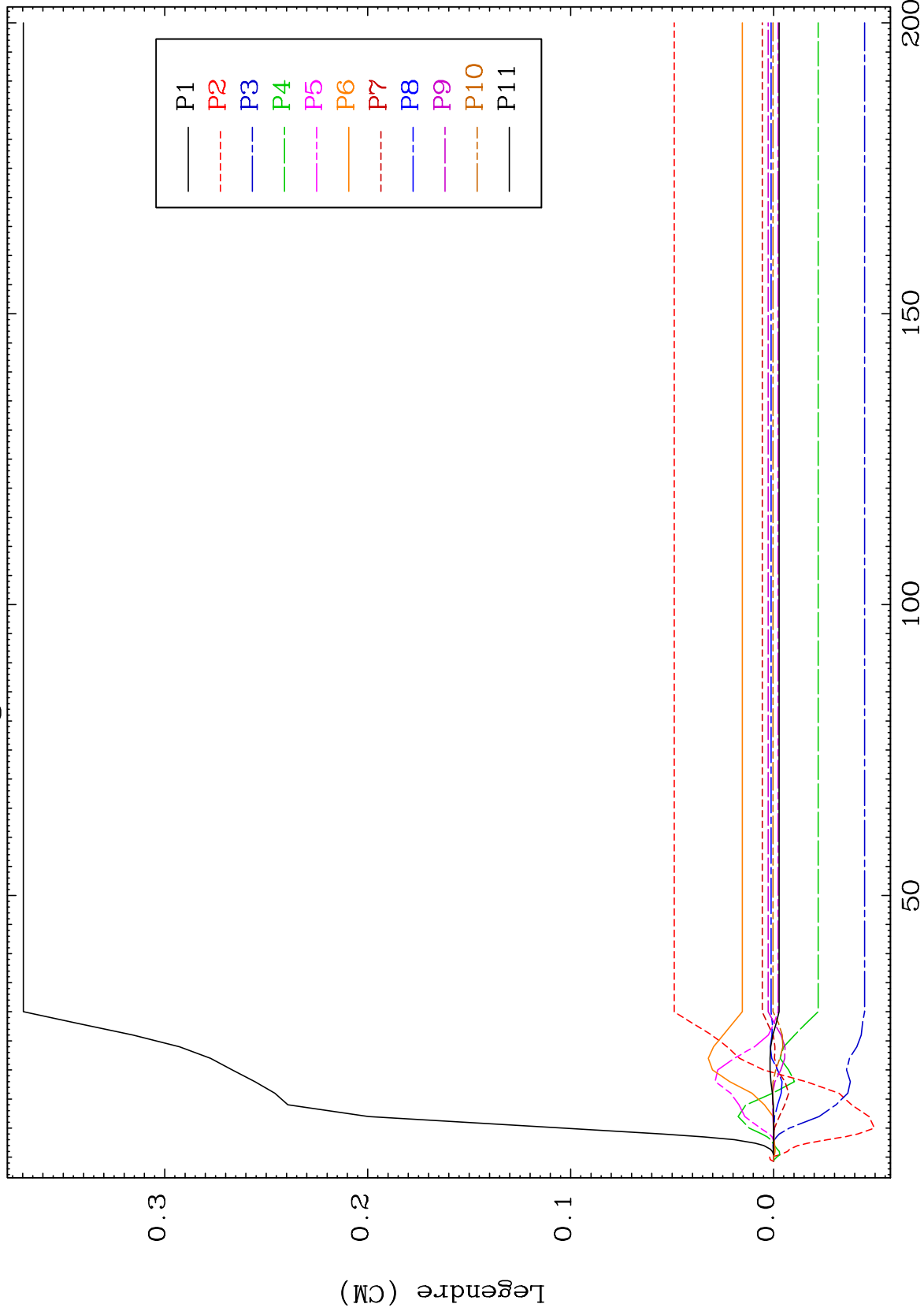




MAT 3837

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

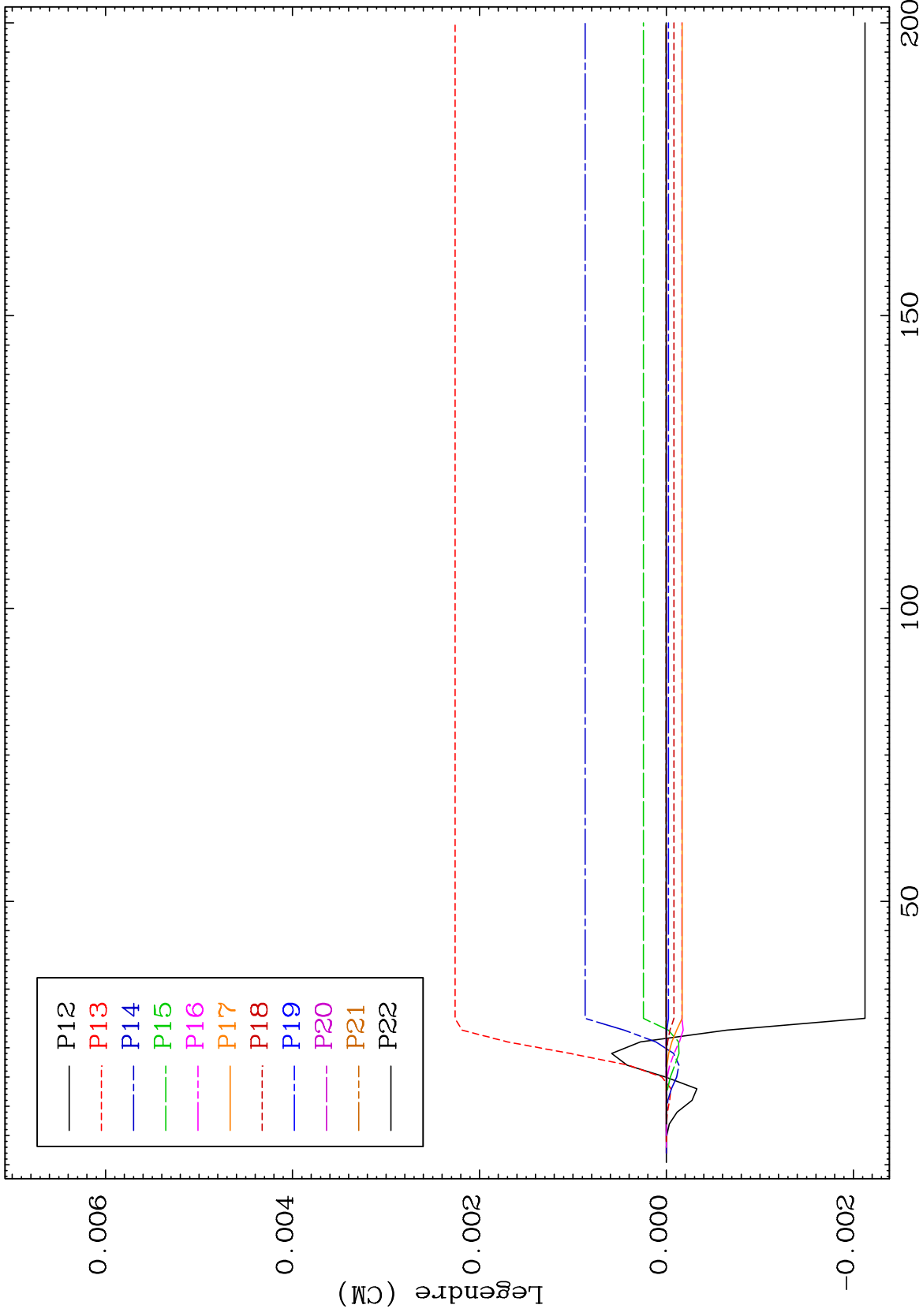
38-Sr-88



75

Incident Energy (MeV)

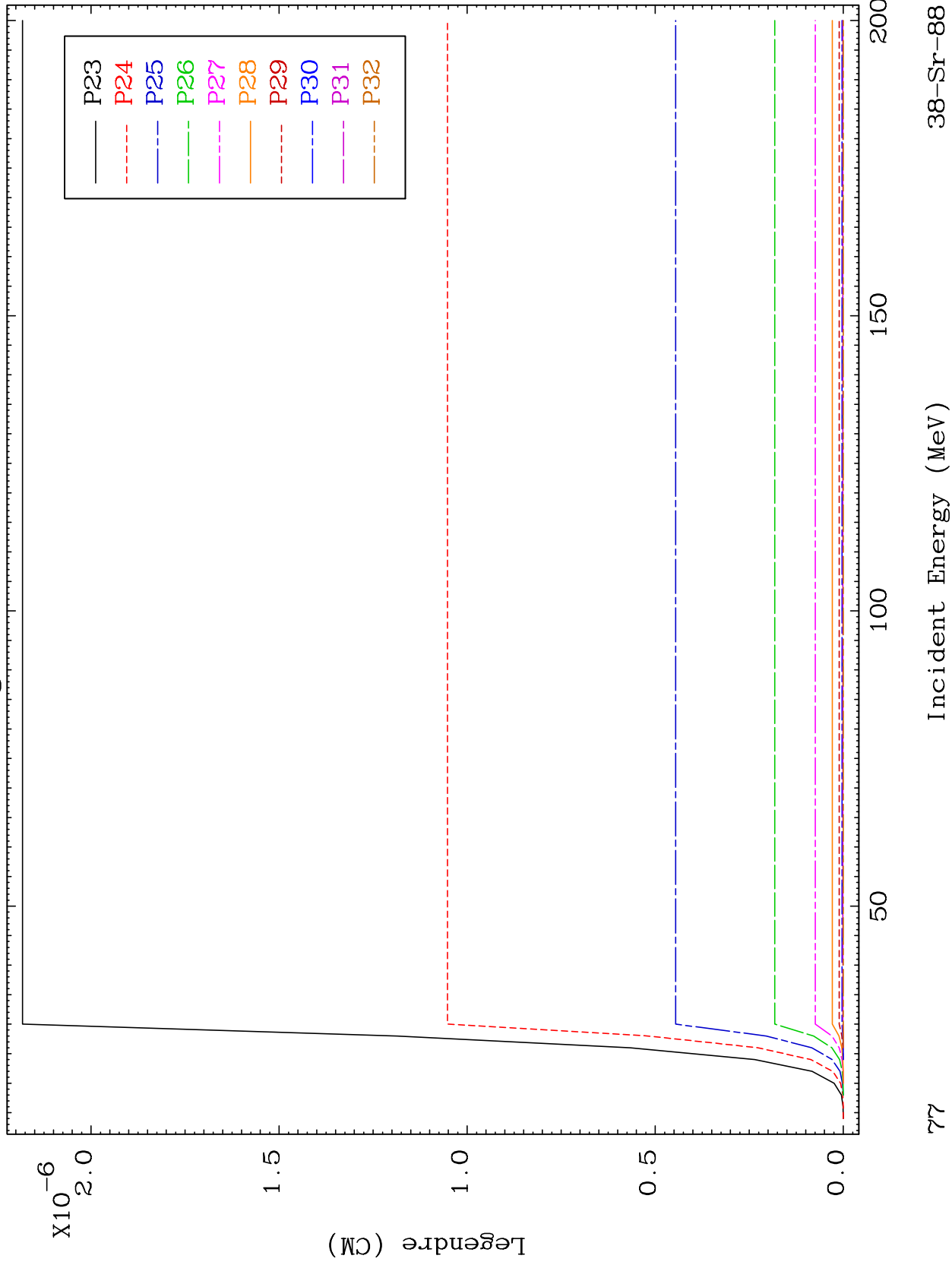
38-Sr-88



MAT 3837

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

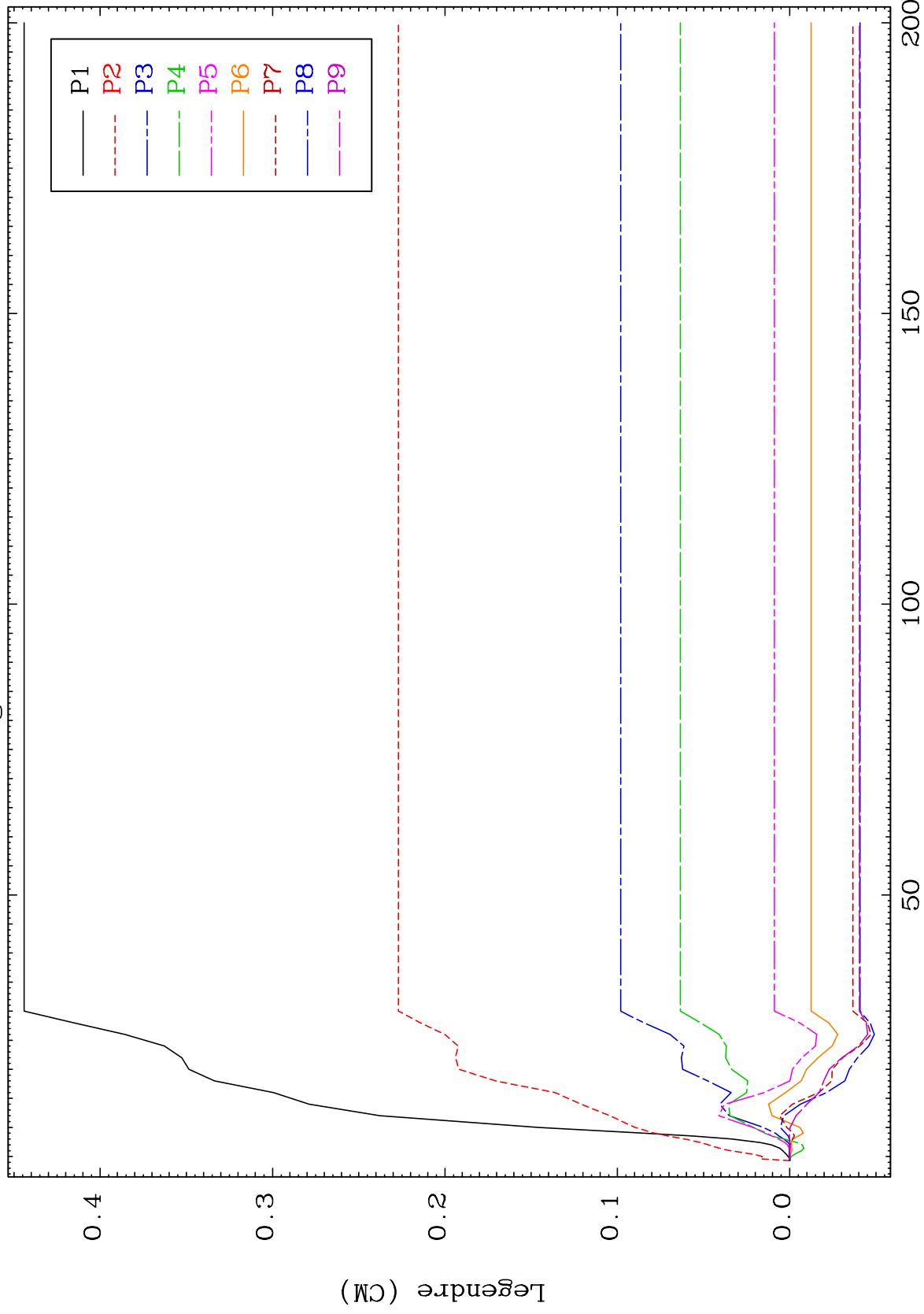
38-Sr-88



MAT 3837

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

38-Sr-88



78

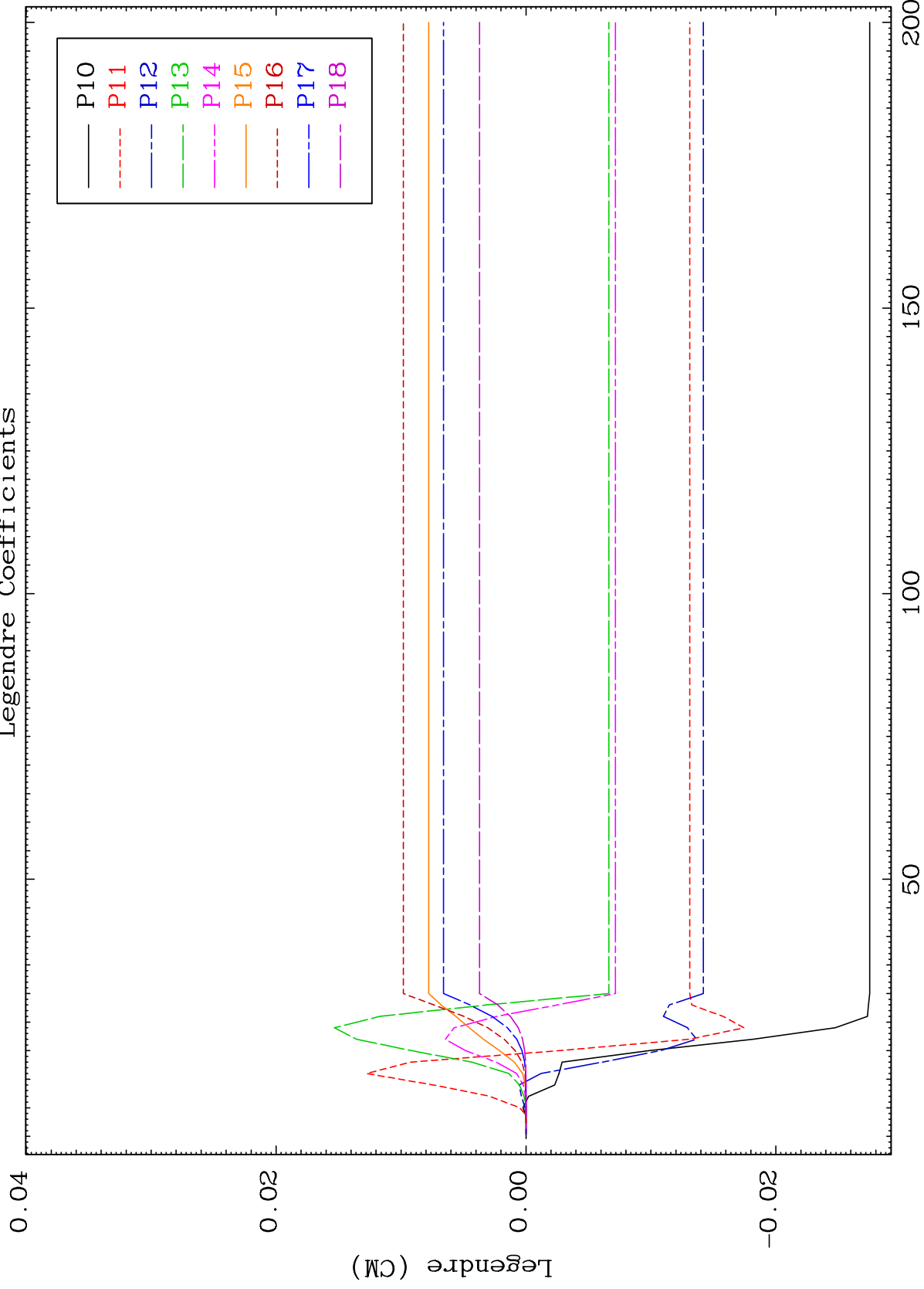
Incident Energy (MeV)

38-Sr-88

MAT 3837

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

38-Sr-88



79

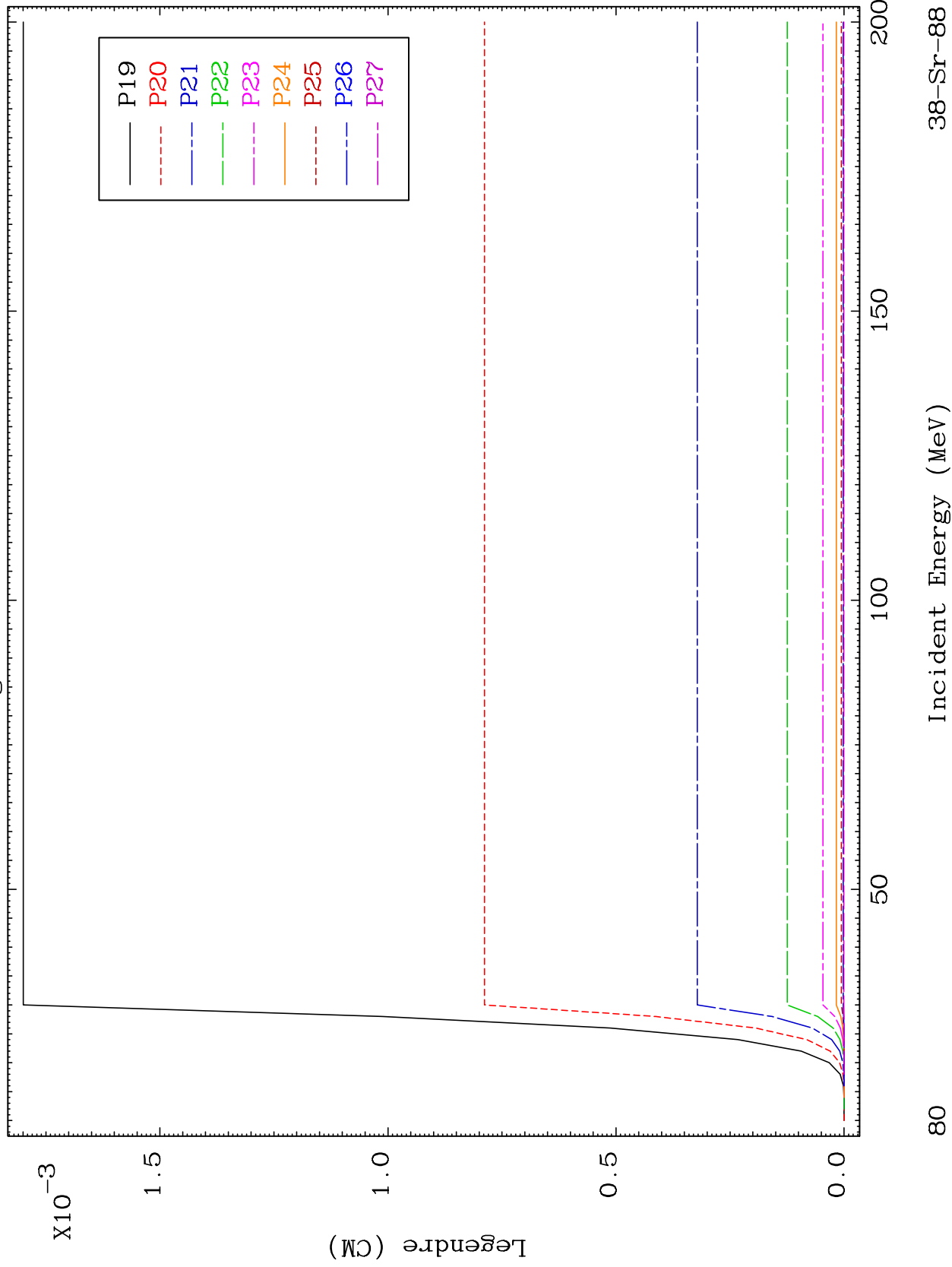
Incident Energy (MeV)

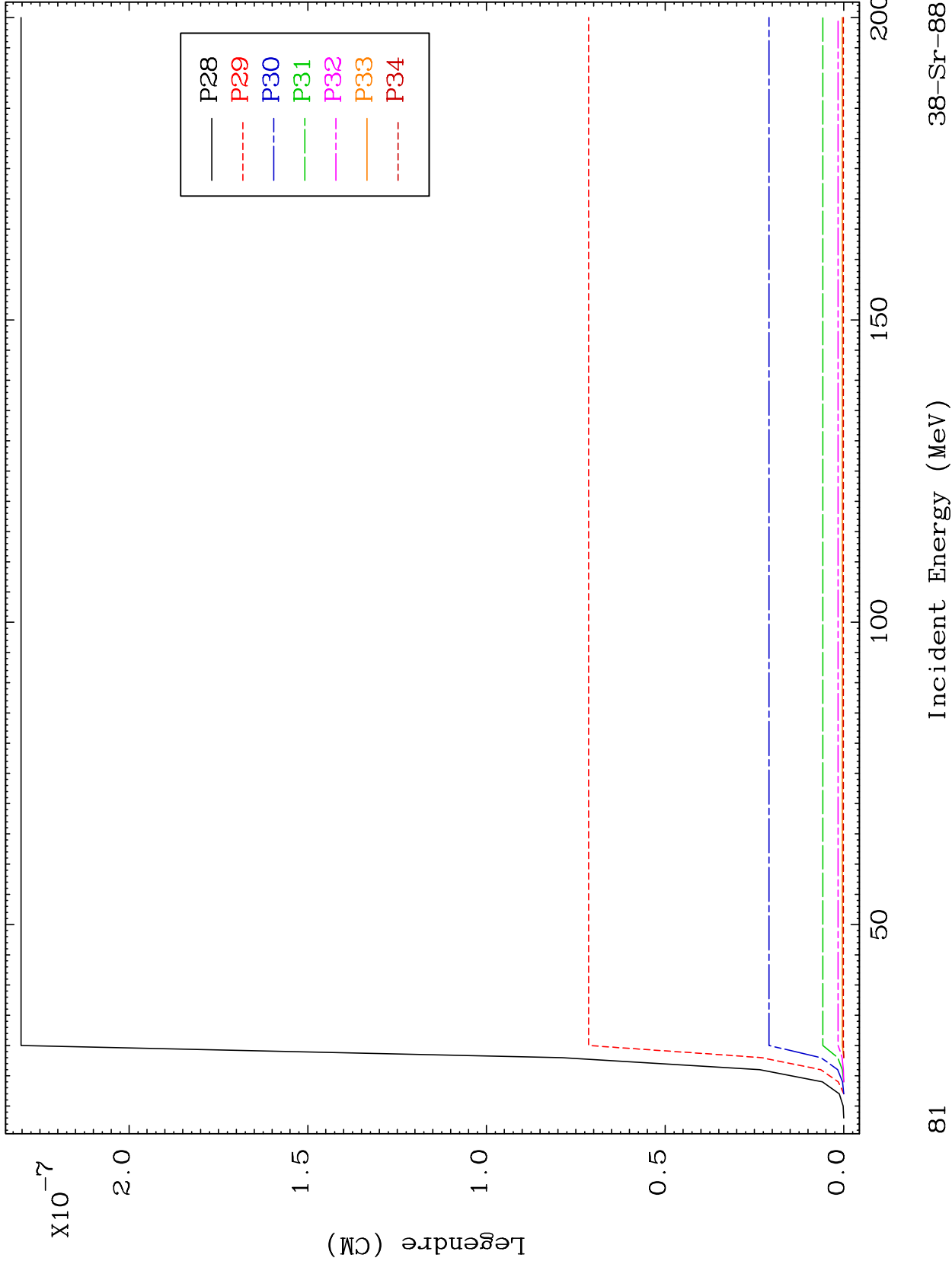
38-Sr-88

MAT 3837

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

38-Sr-88

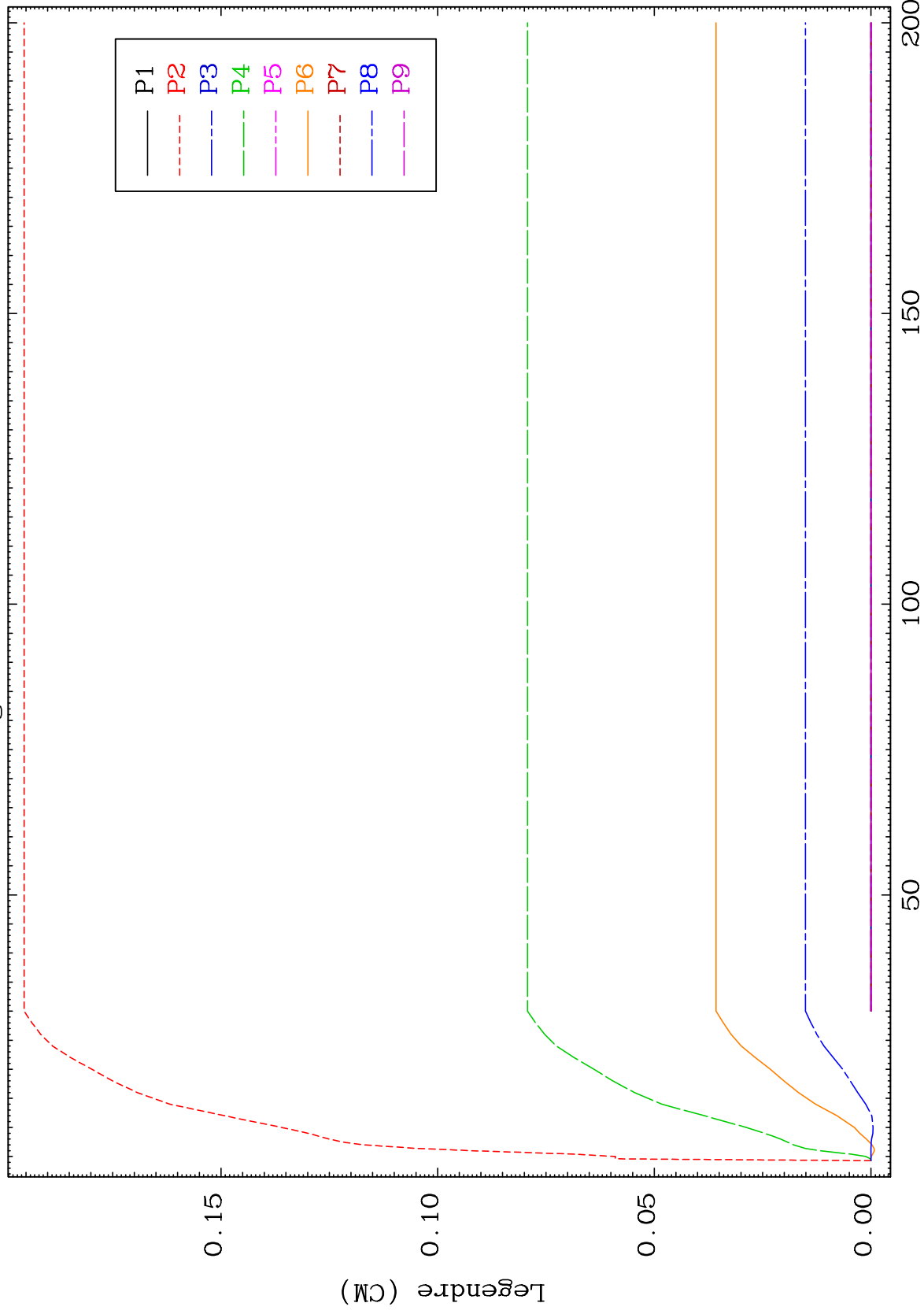




MAT 3837

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

38-Sr-88



82

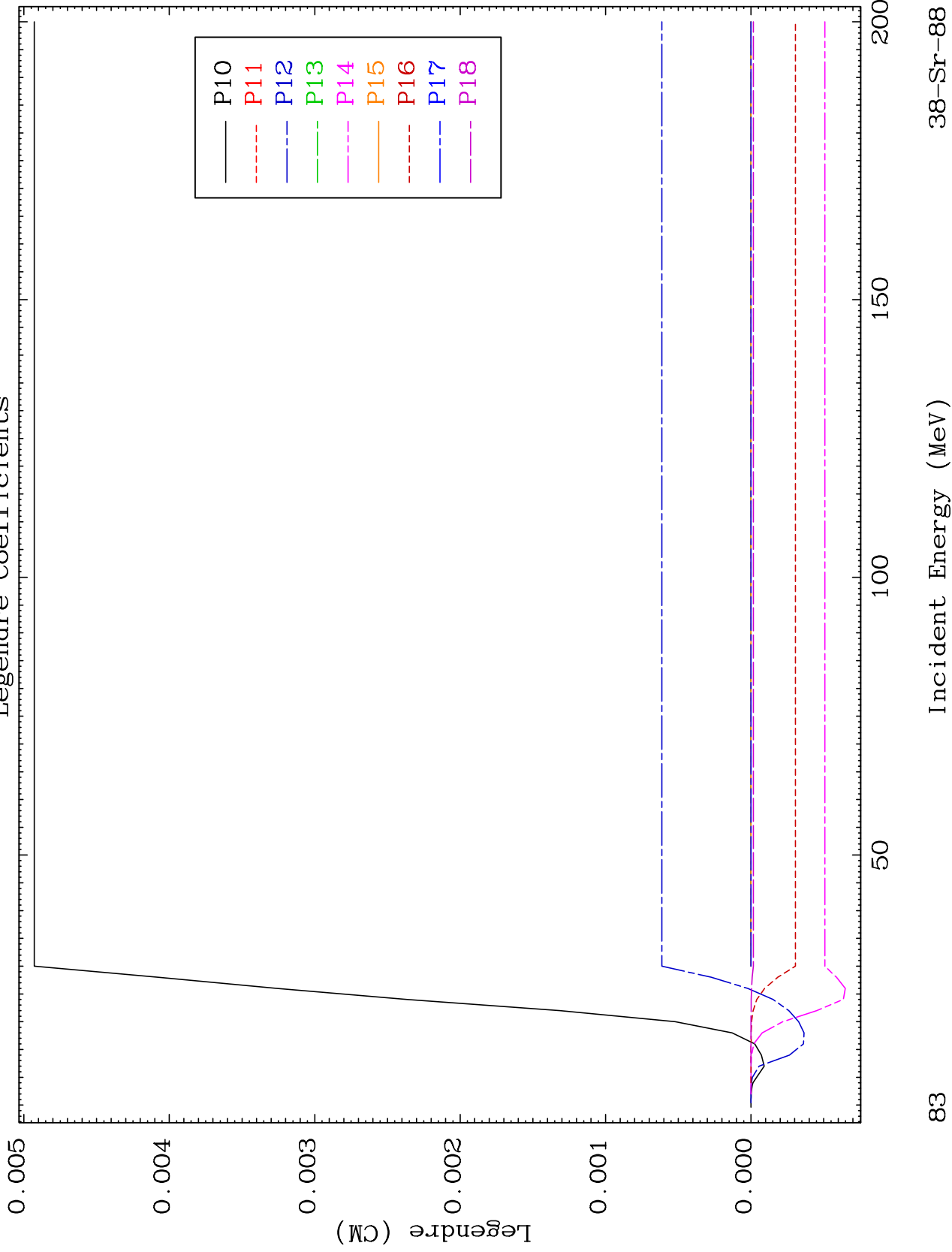
Incident Energy (MeV)

38-Sr-88

MAT 3837

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

38-Sr-88



83

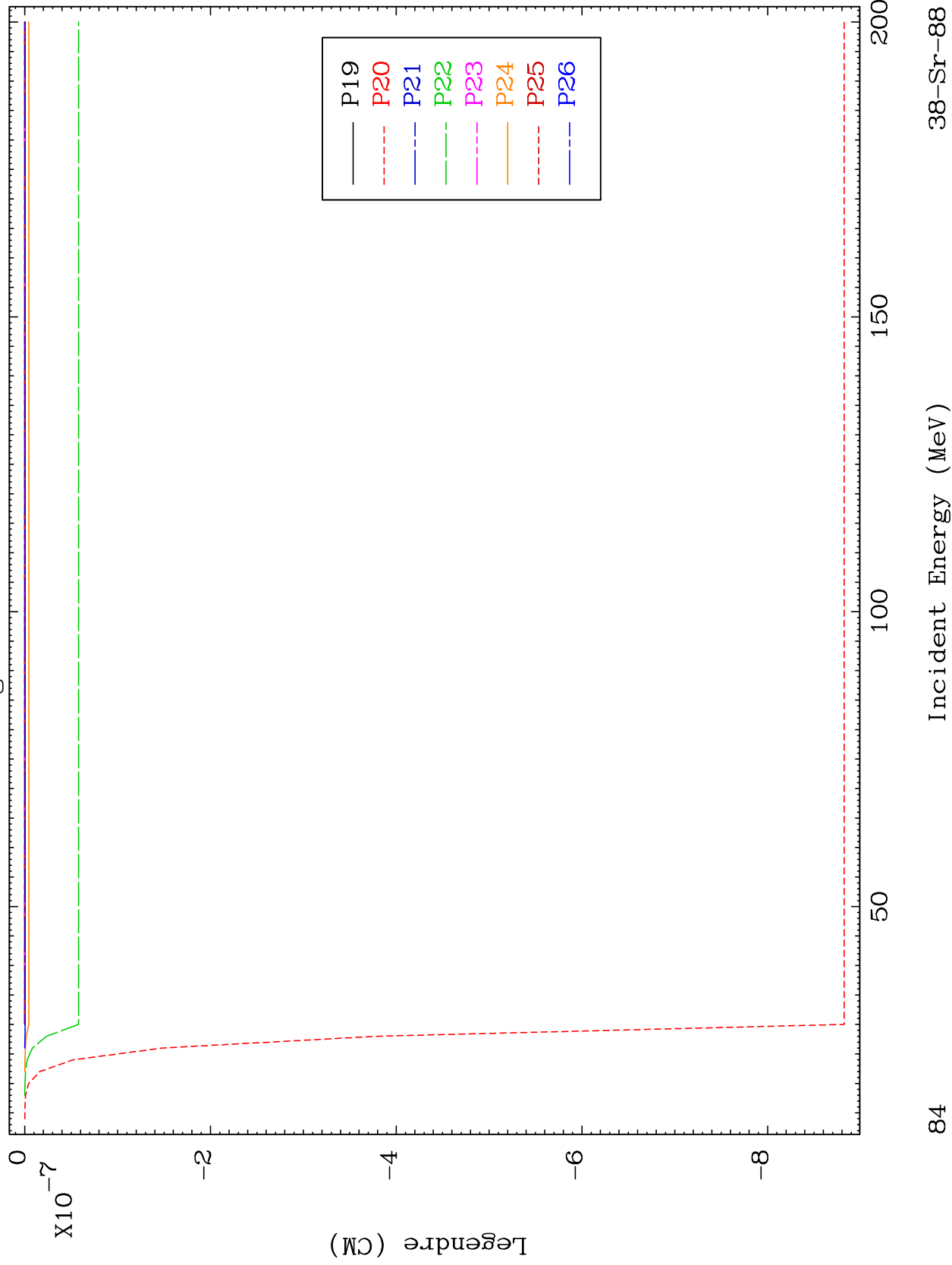
Incident Energy (MeV)

38-Sr-88

MAT 3837

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

38-Sr-88



84

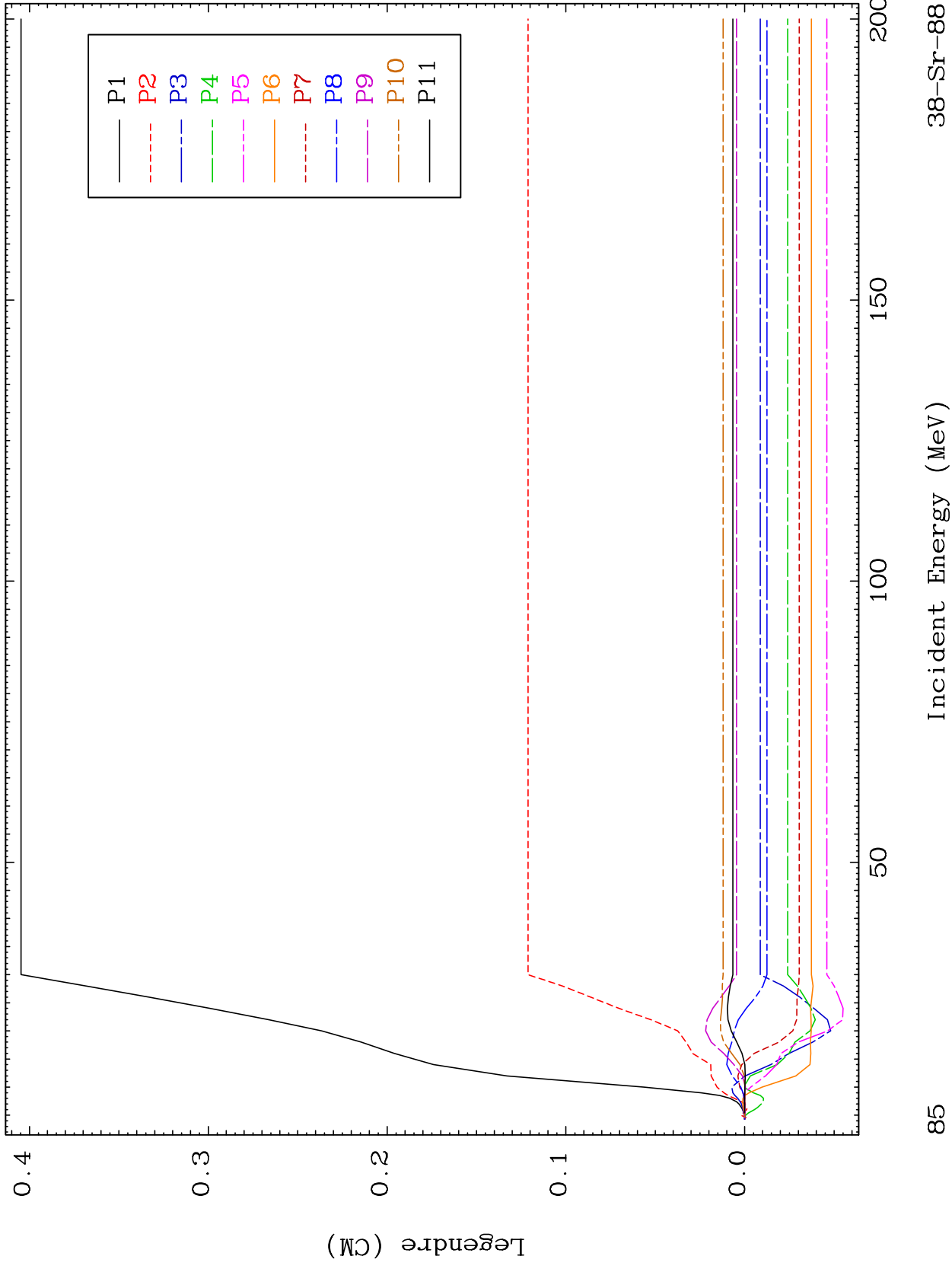
Incident Energy (MeV)

38-Sr-88

MAT 3837

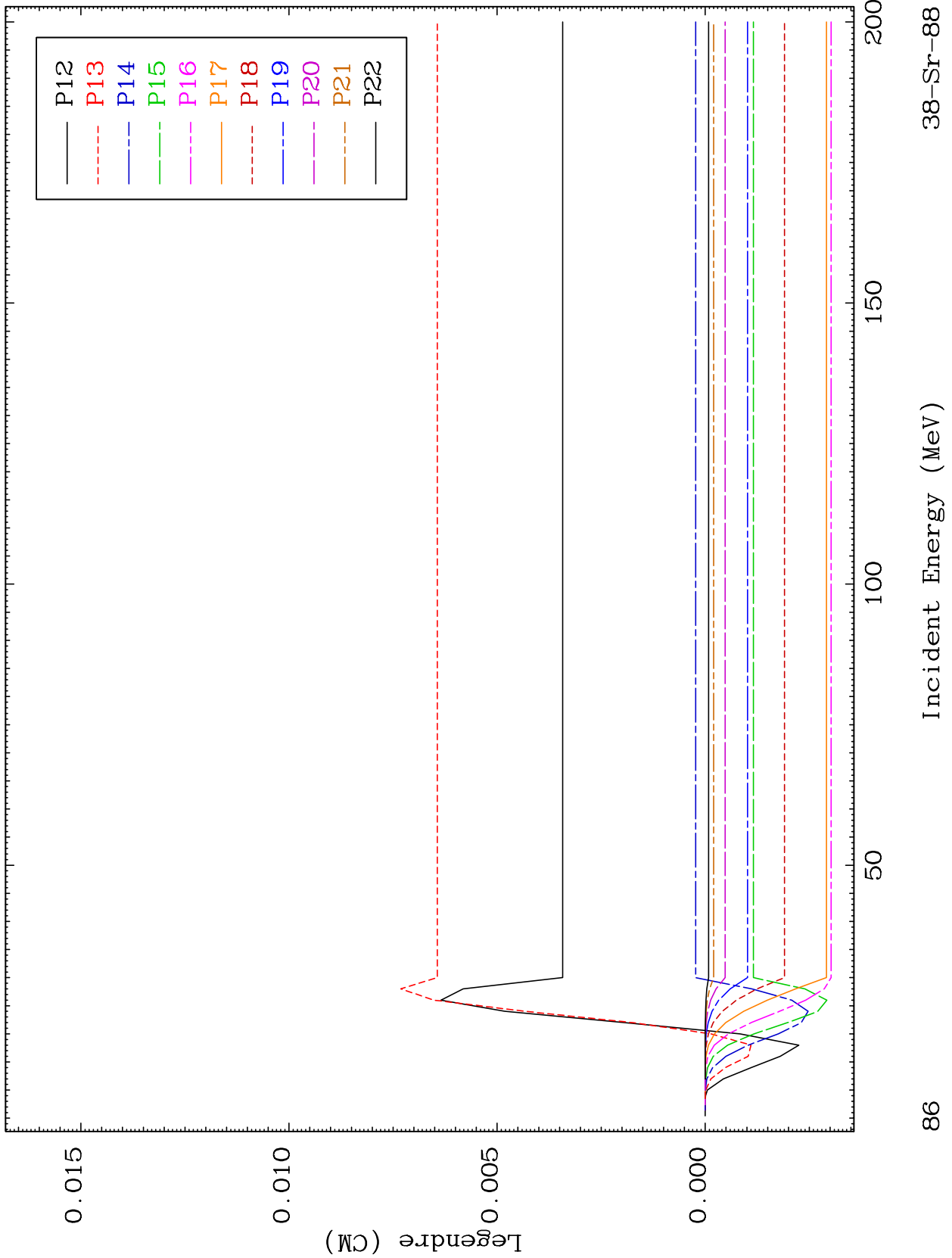
MT= 70 (n,n') Level
Legendre Coefficients

38-Sr-88



85

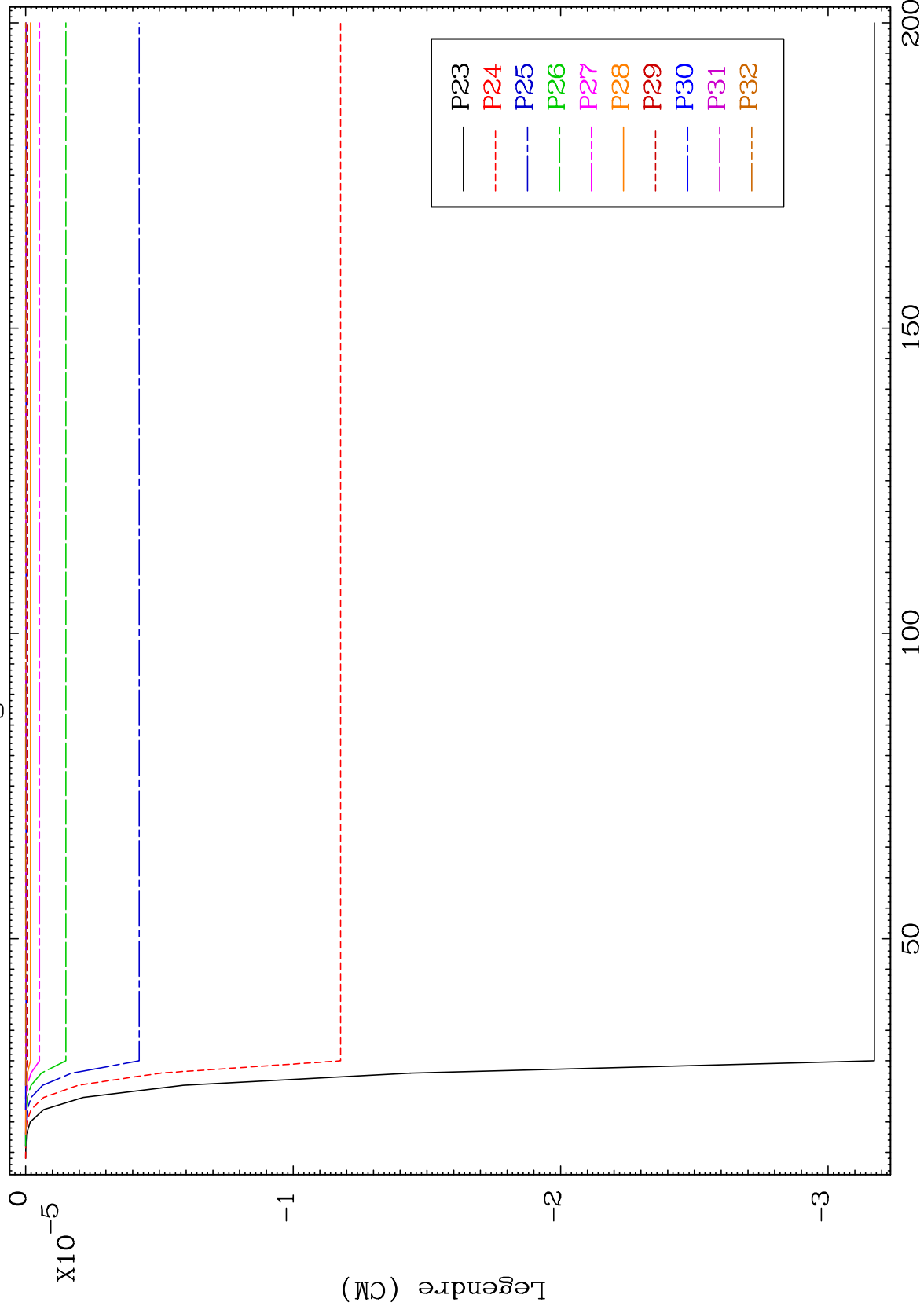
38-Sr-88



MAT 3837

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

38-Sr-88



87

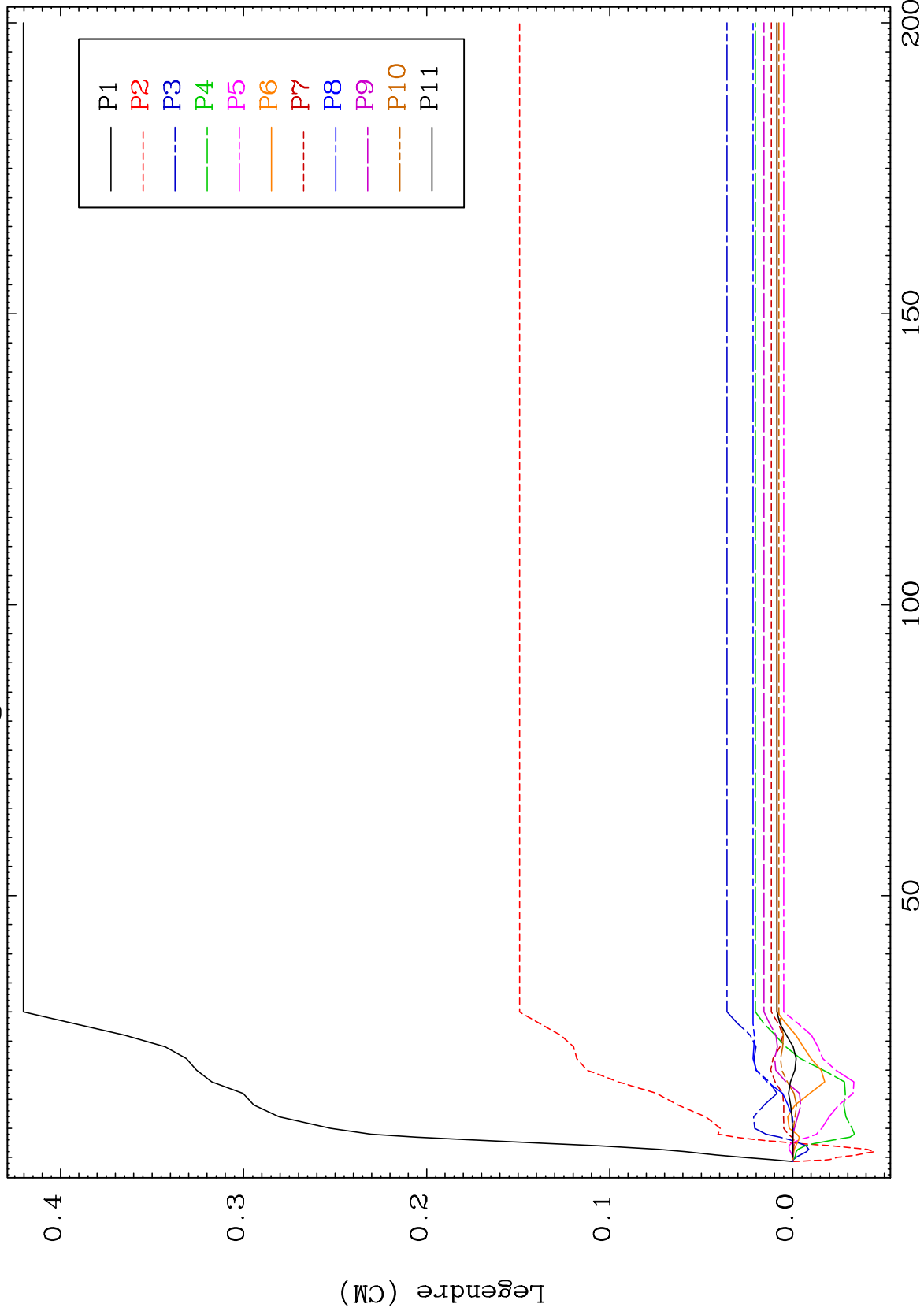
Incident Energy (MeV)

38-Sr-88

MAT 3837

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

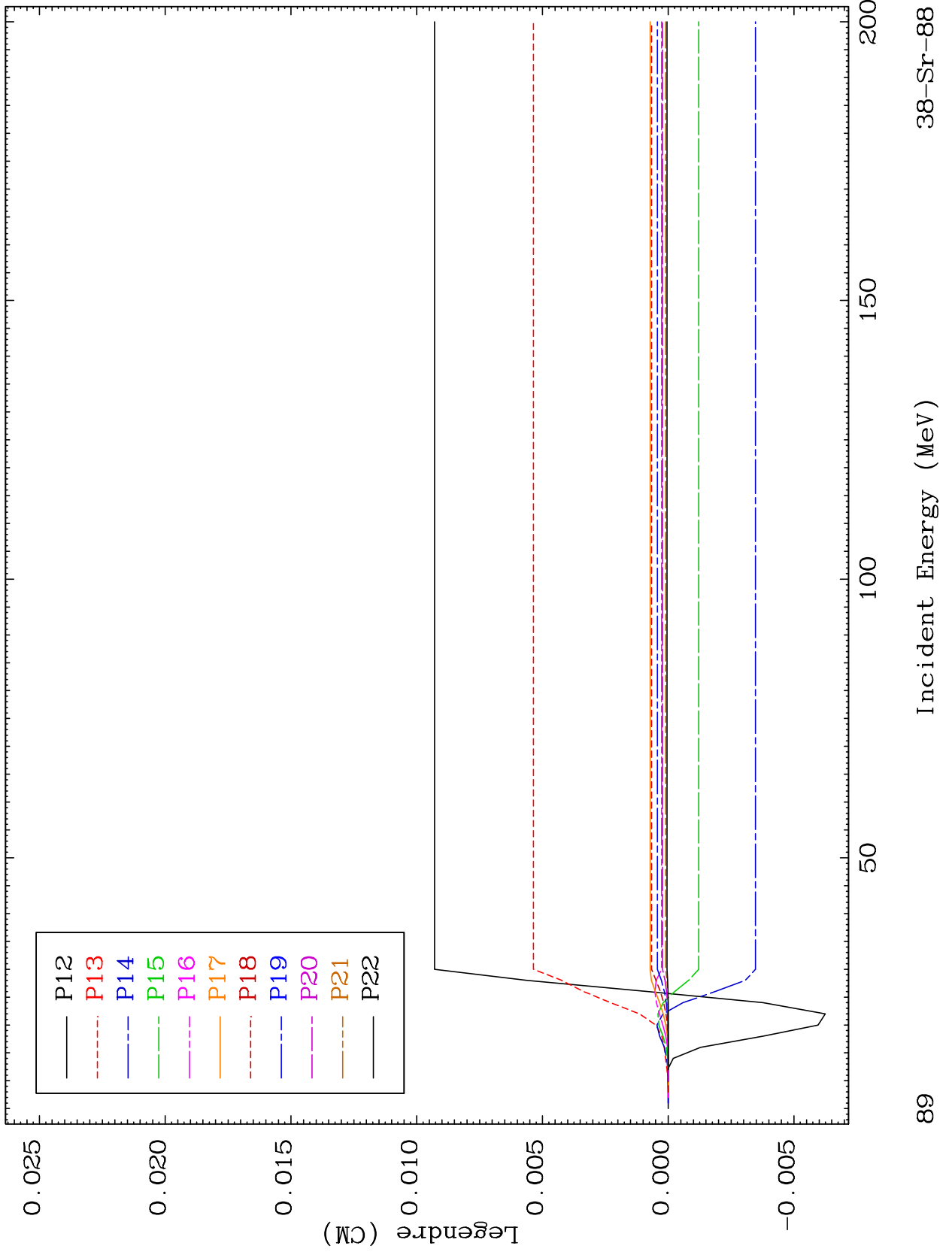
38-Sr-88



88

Incident Energy (MeV)

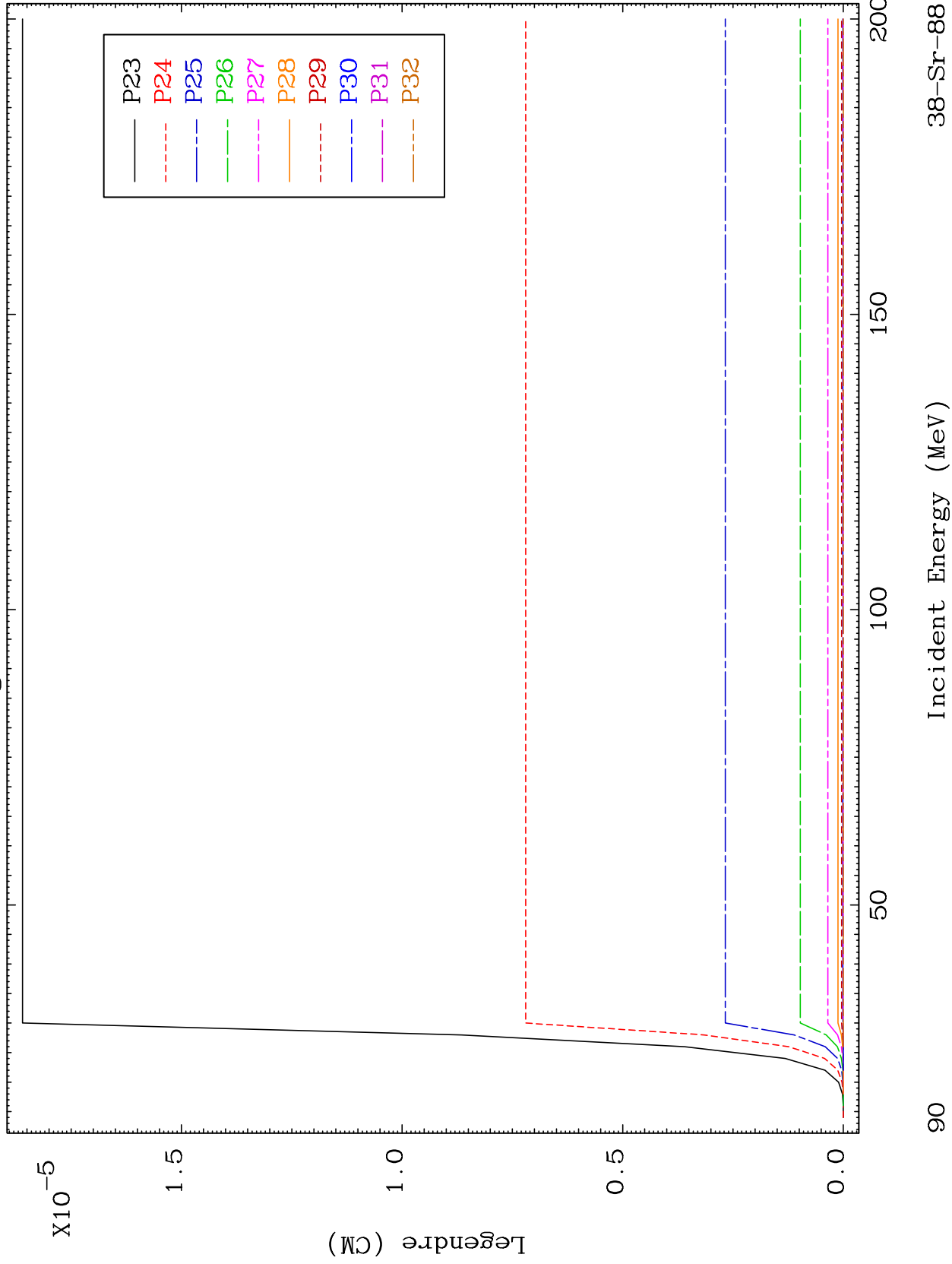
38-Sr-88

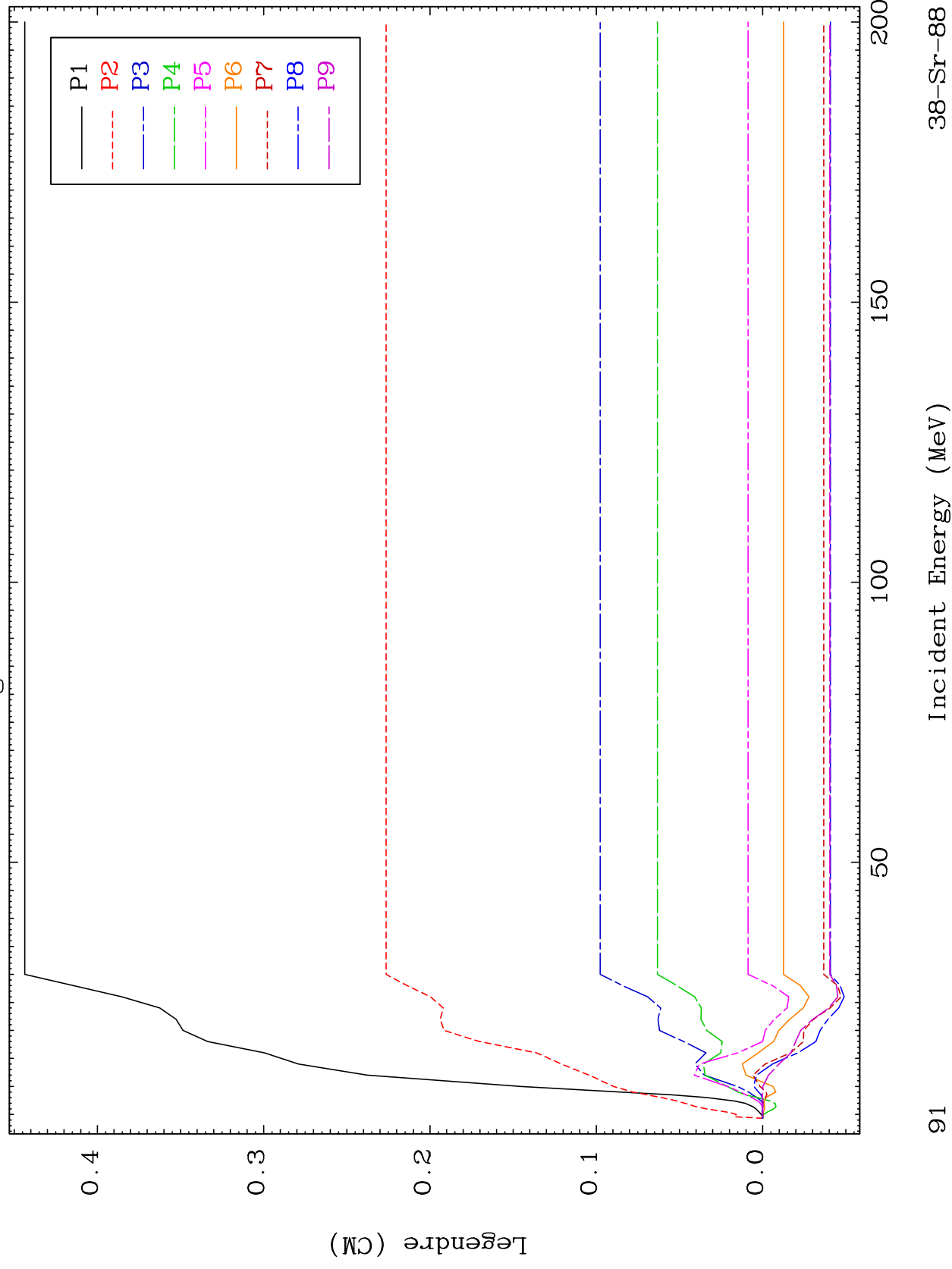


MAT 3837

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

38-Sr-88

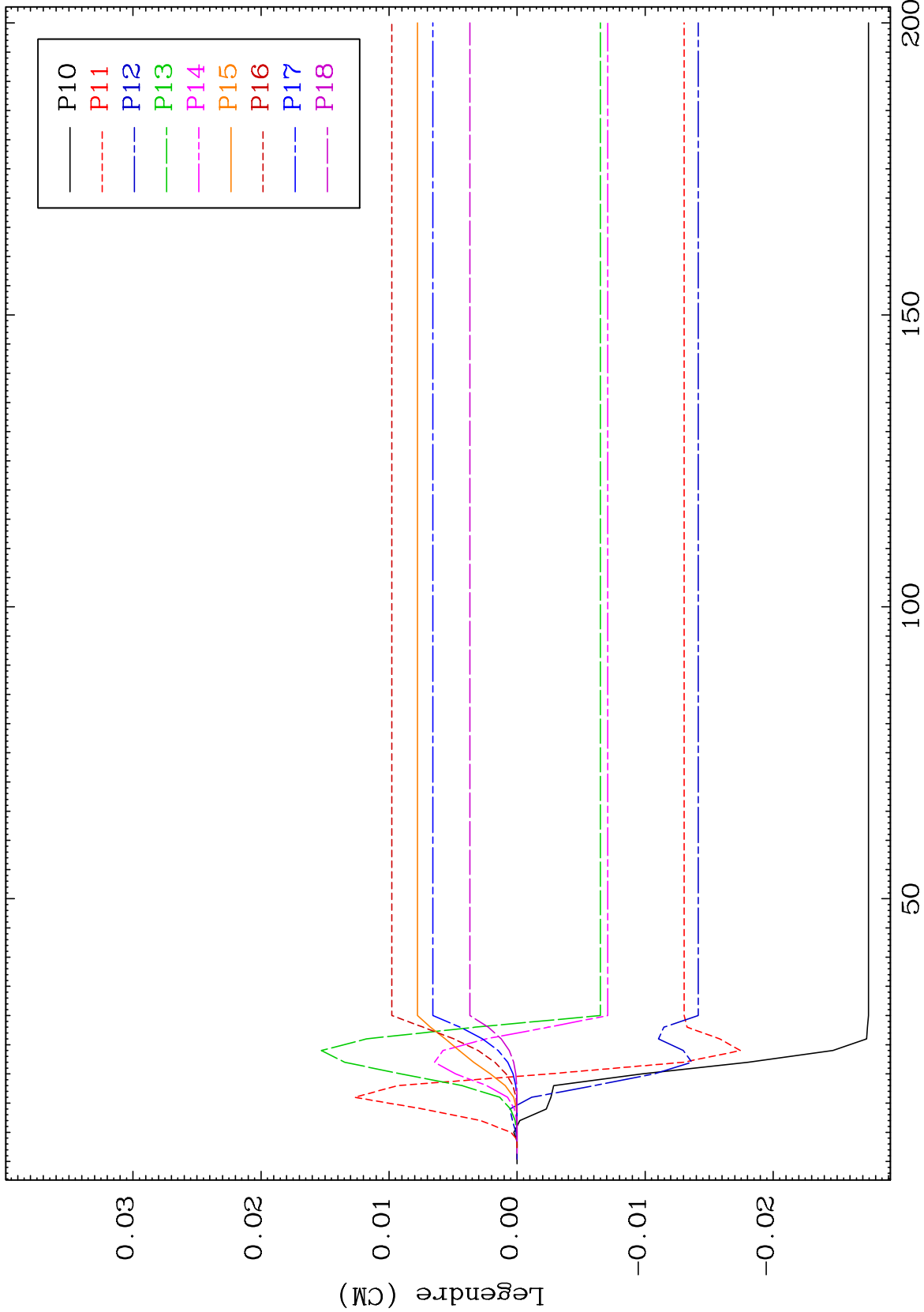




MAT 3837

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

38-Sr-88



92

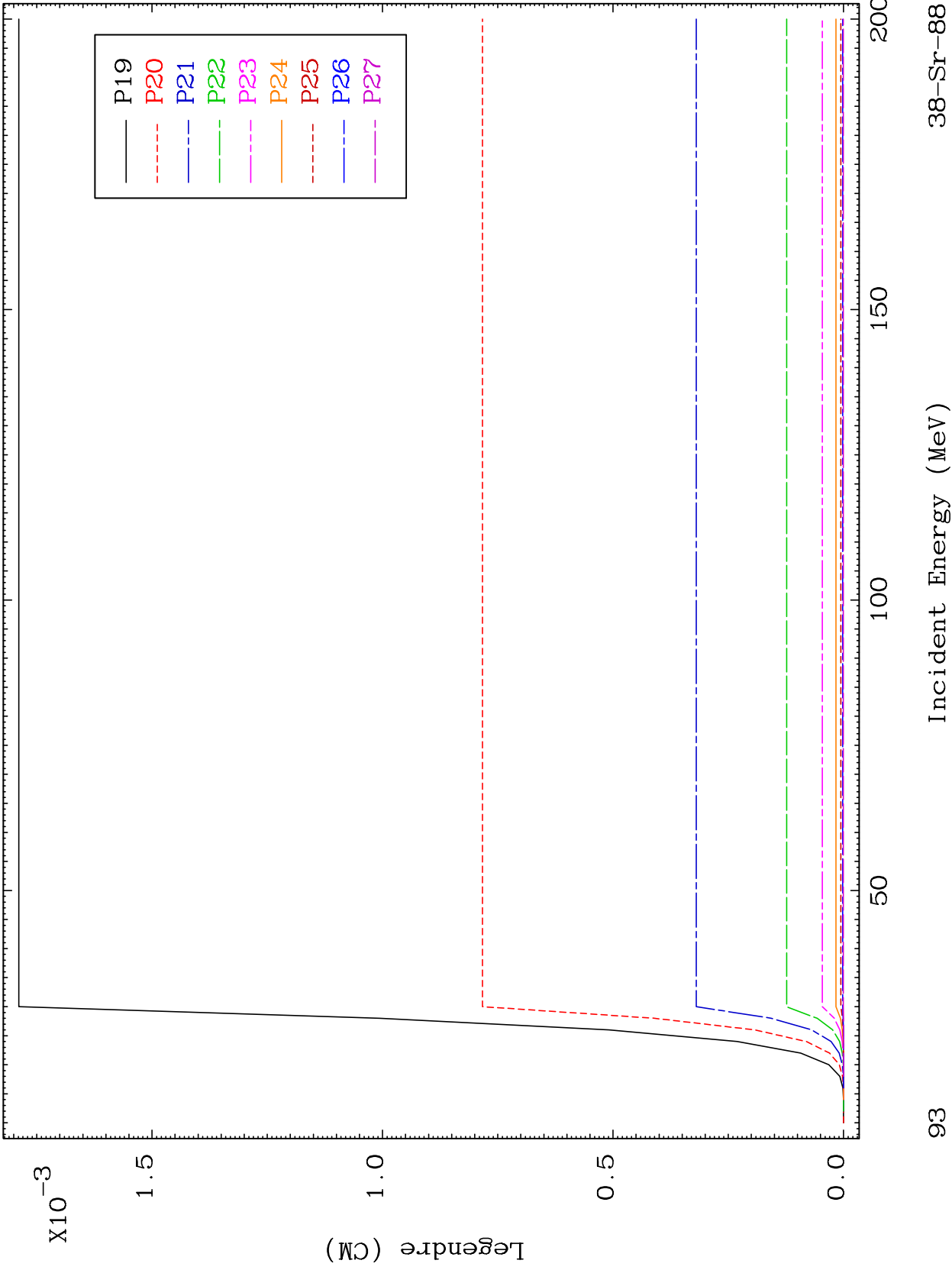
Incident Energy (MeV)

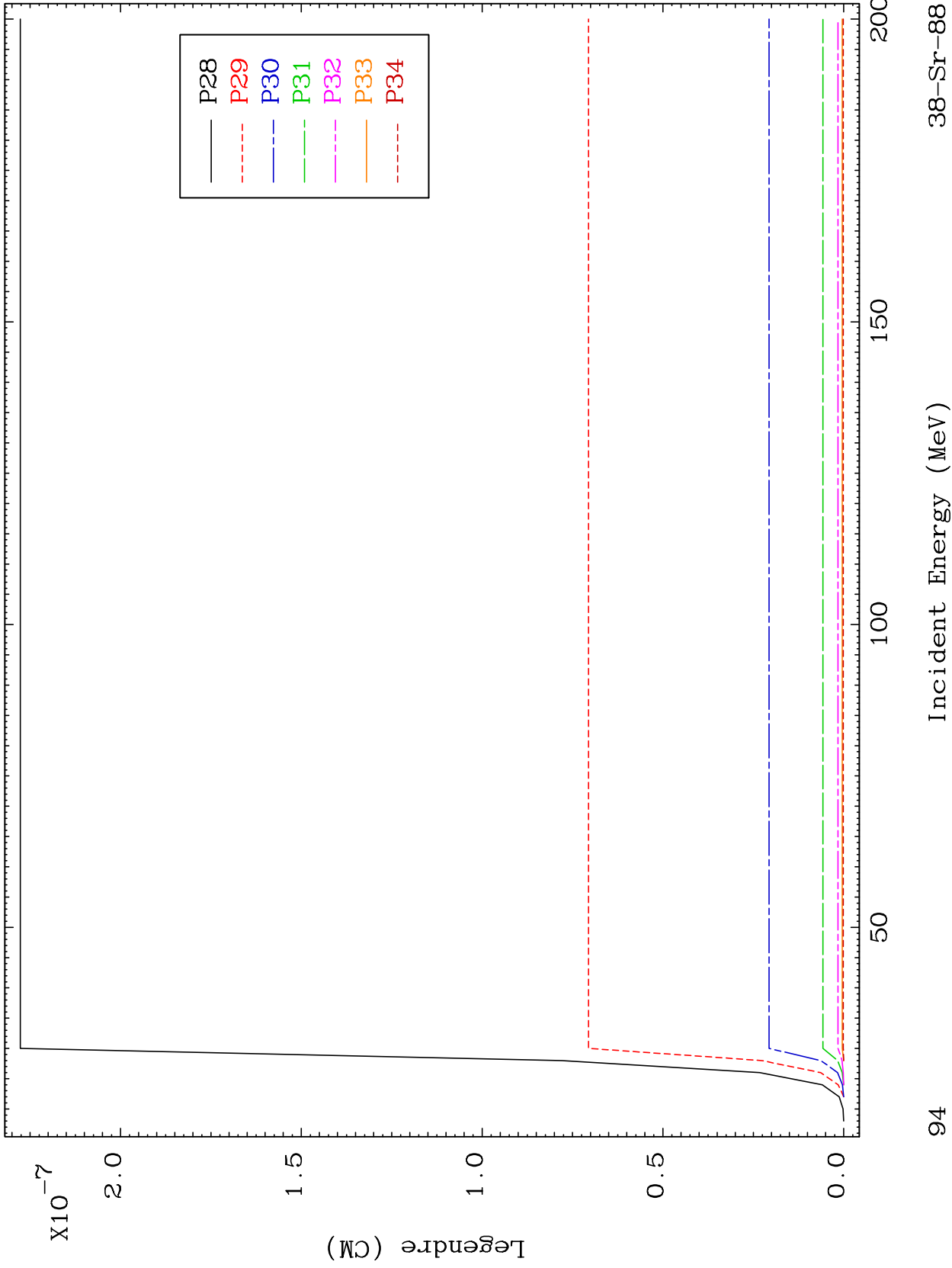
38-Sr-88

MAT 3837

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

38-Sr-88

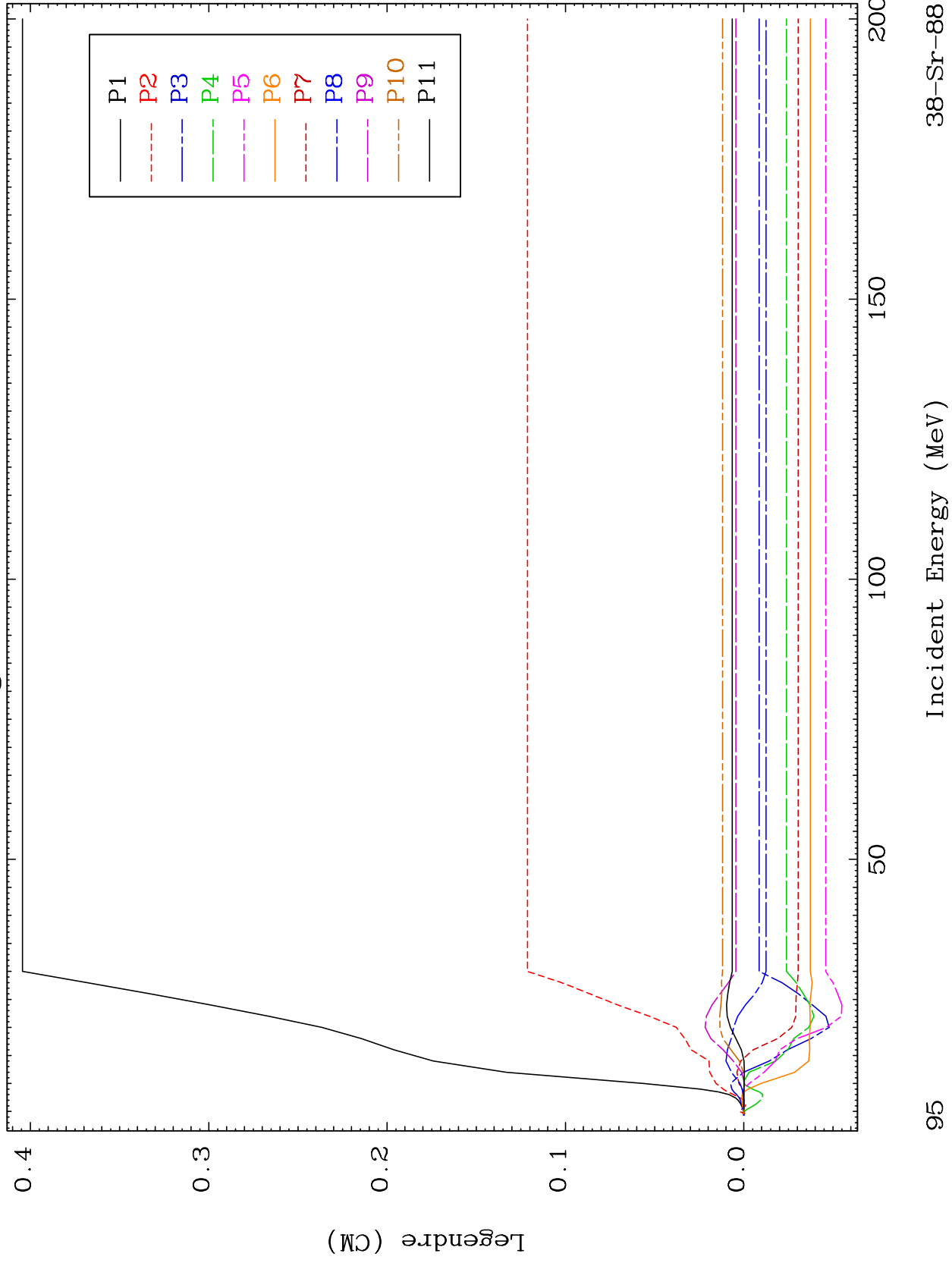




MAT 3837

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

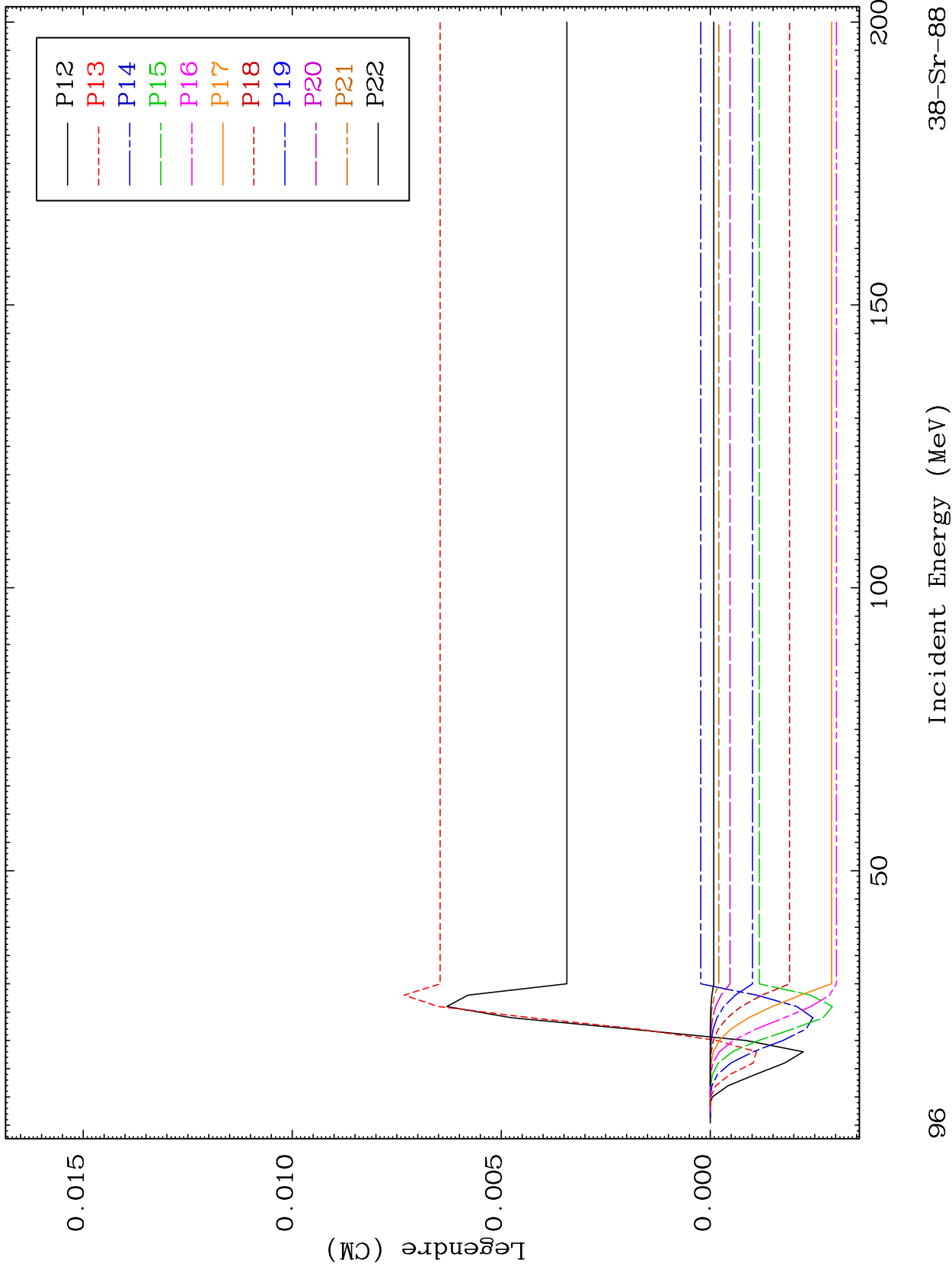
38-Sr-88



95

Incident Energy (MeV)

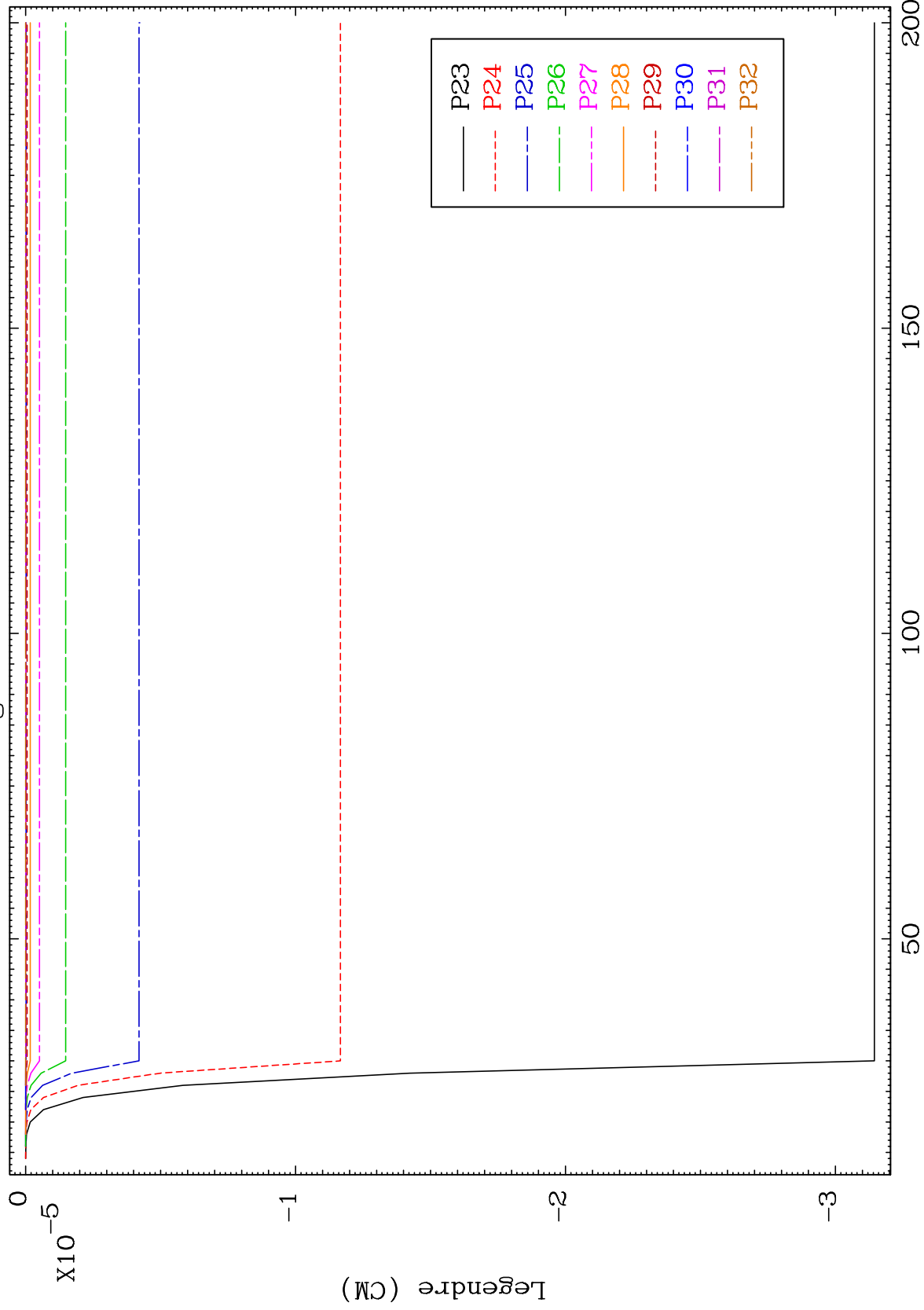
38-Sr-88



MAT 3837

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

38-Sr-88



97

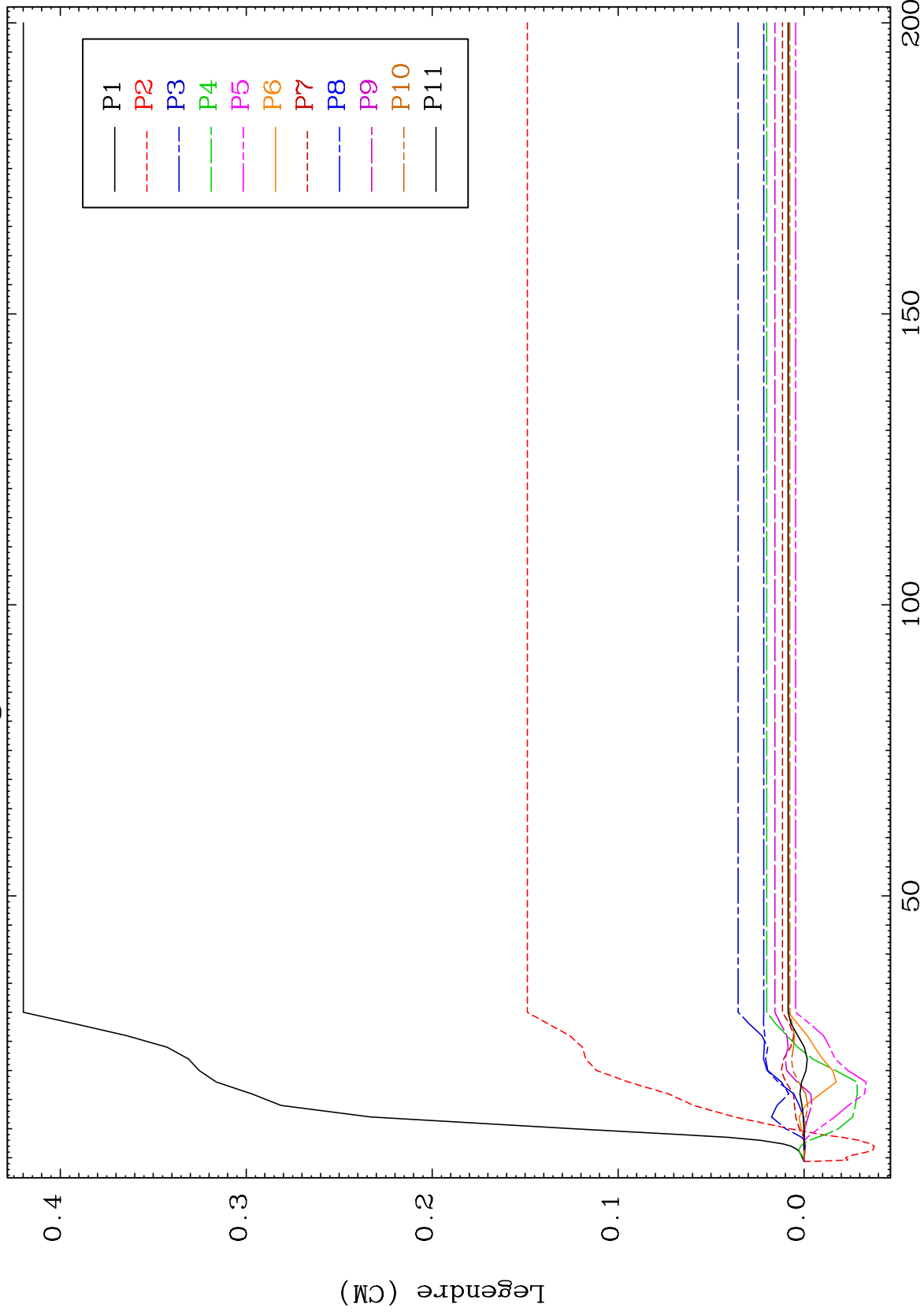
Incident Energy (MeV)

38-Sr-88

MAT 3837

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

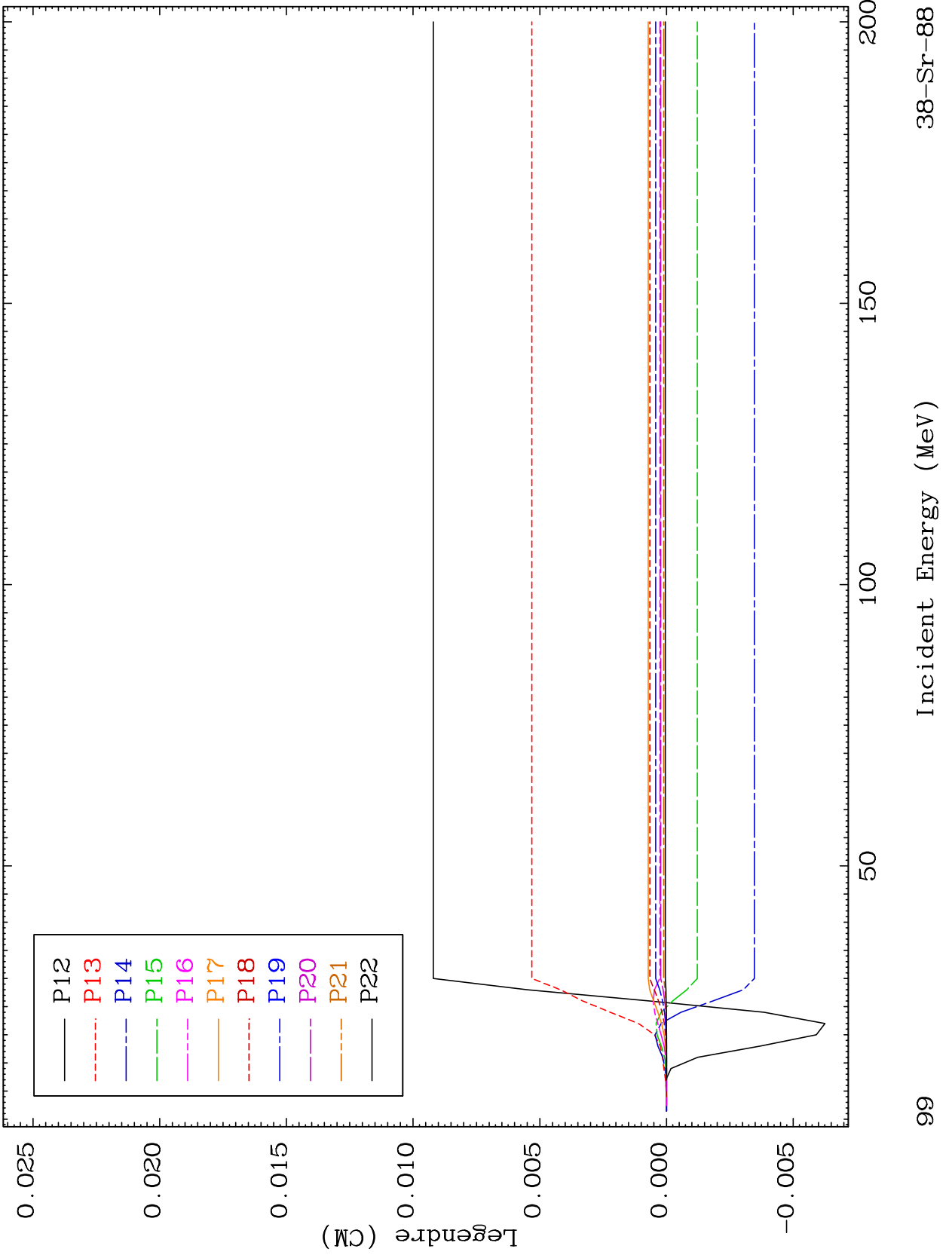
38-Sr-88



98

Incident Energy (MeV)

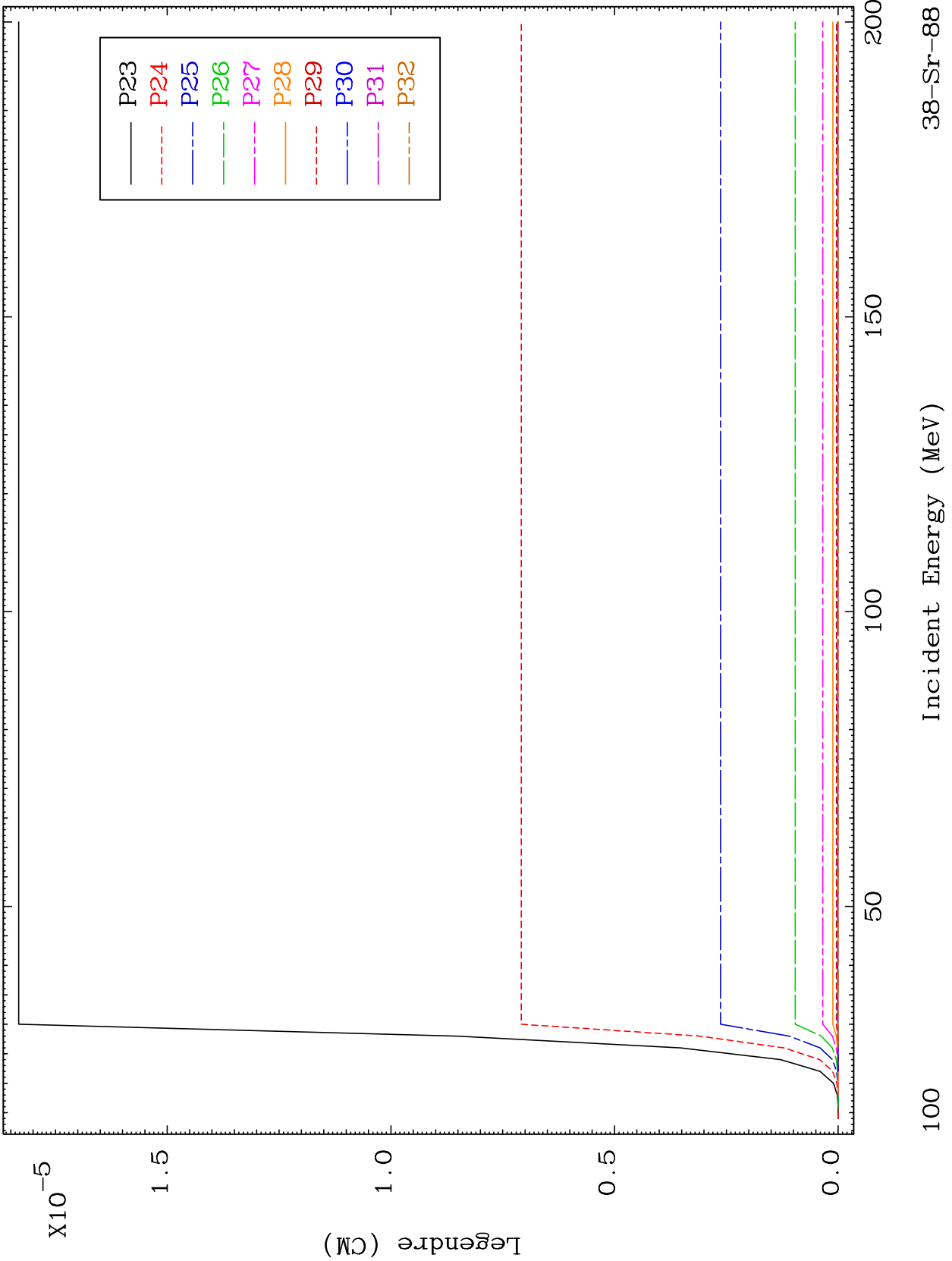
38-Sr-88



MAT 3837

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

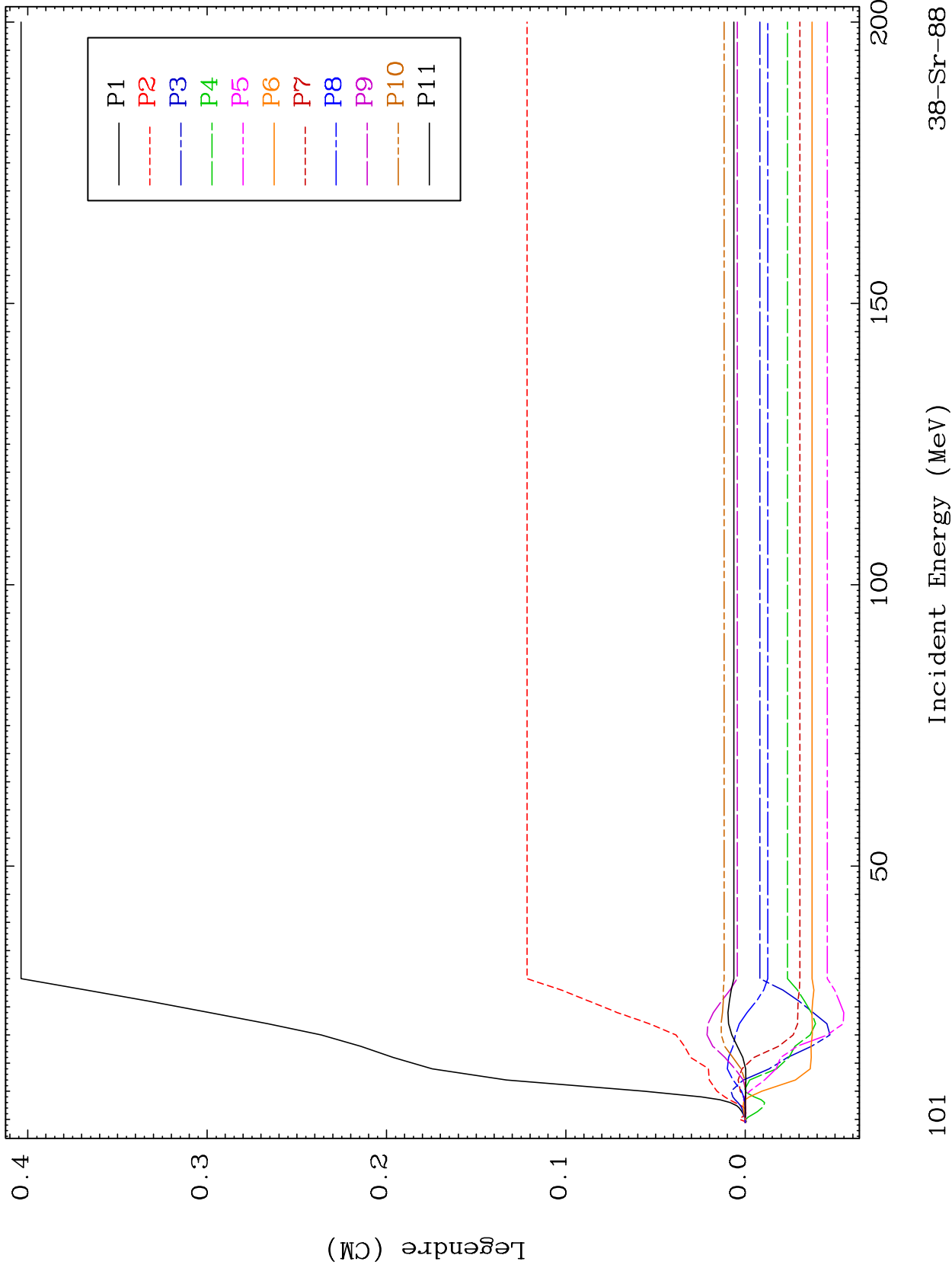
38-Sr-88



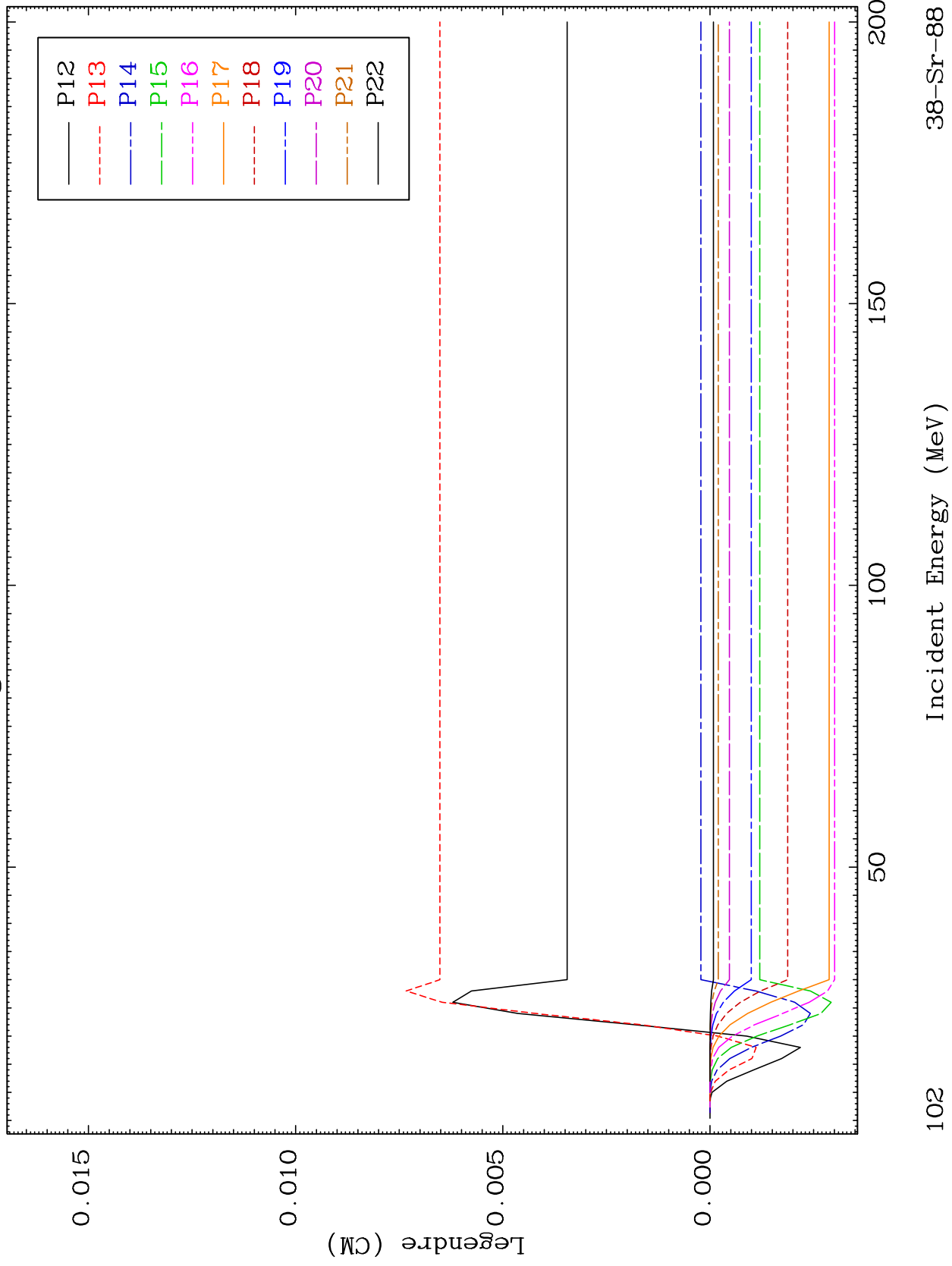
MAT 3837

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

38-Sr-88



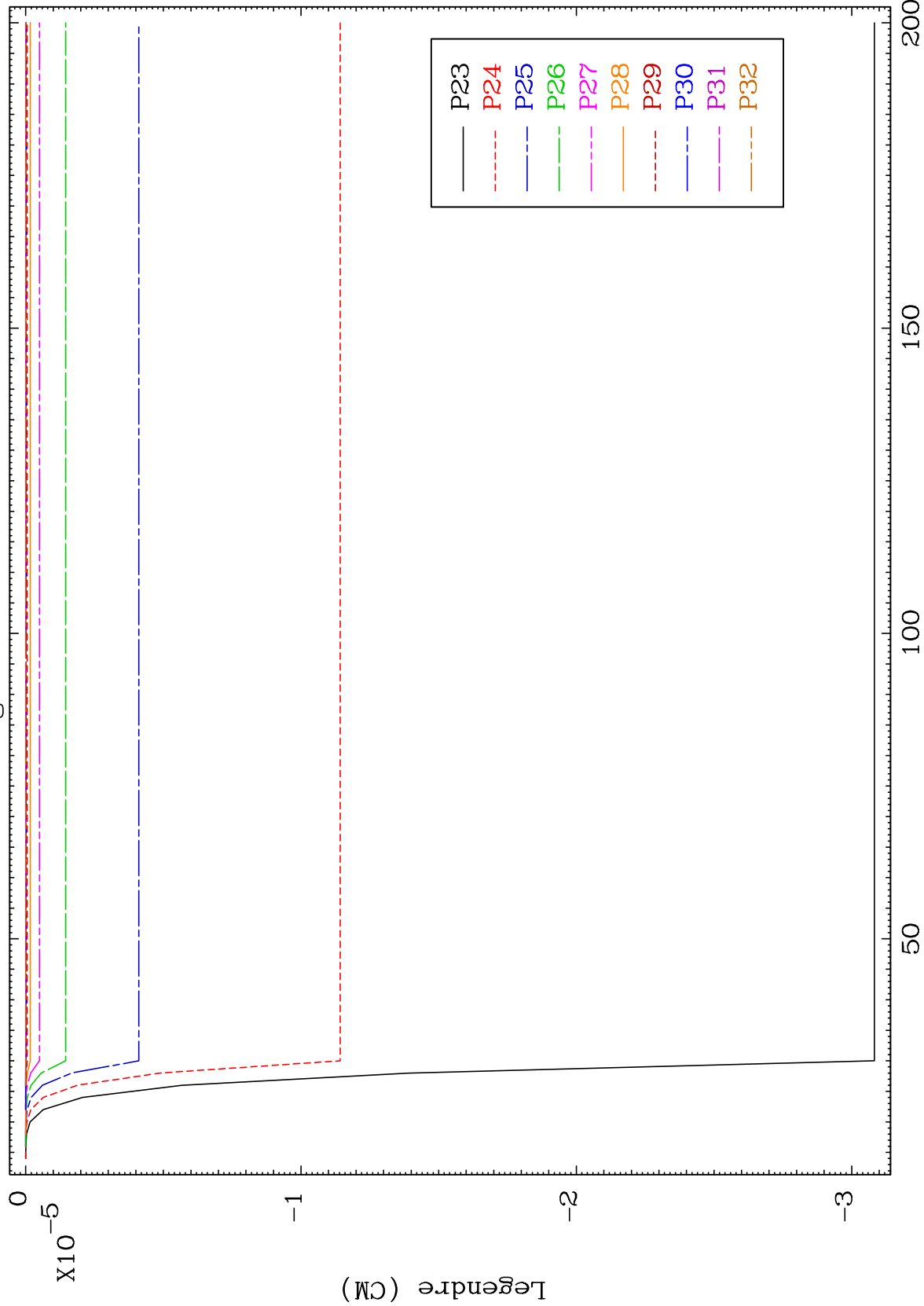
101



MAT 3837

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

38-Sr-88



103

Incident Energy (MeV)

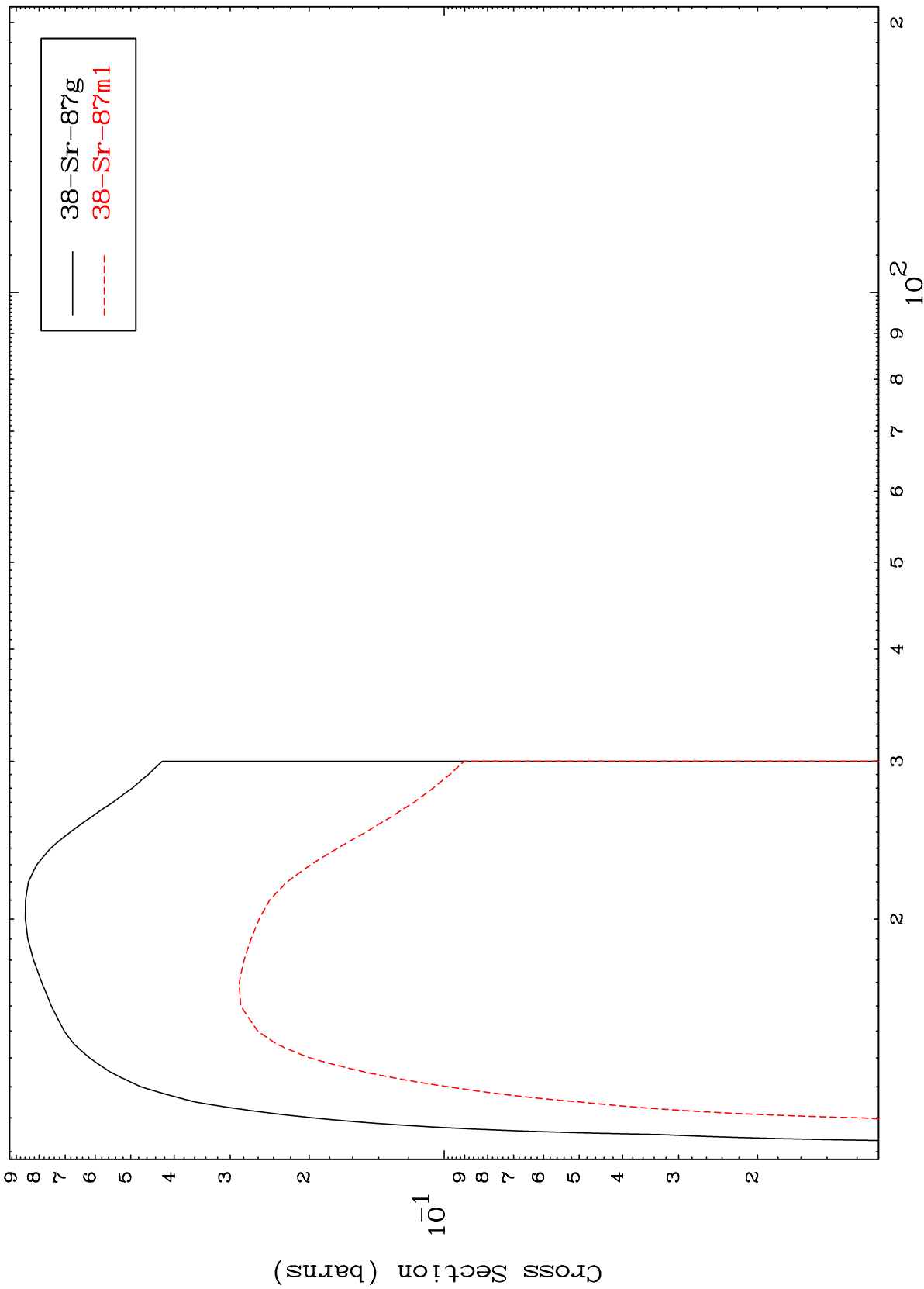
38-Sr-88

MAT 3837

38-Sr-88

(n,2n)

Radionuclide Production Cross Section



38-Sr-87g
38-Sr-87m1

104

Incident Energy (MeV)

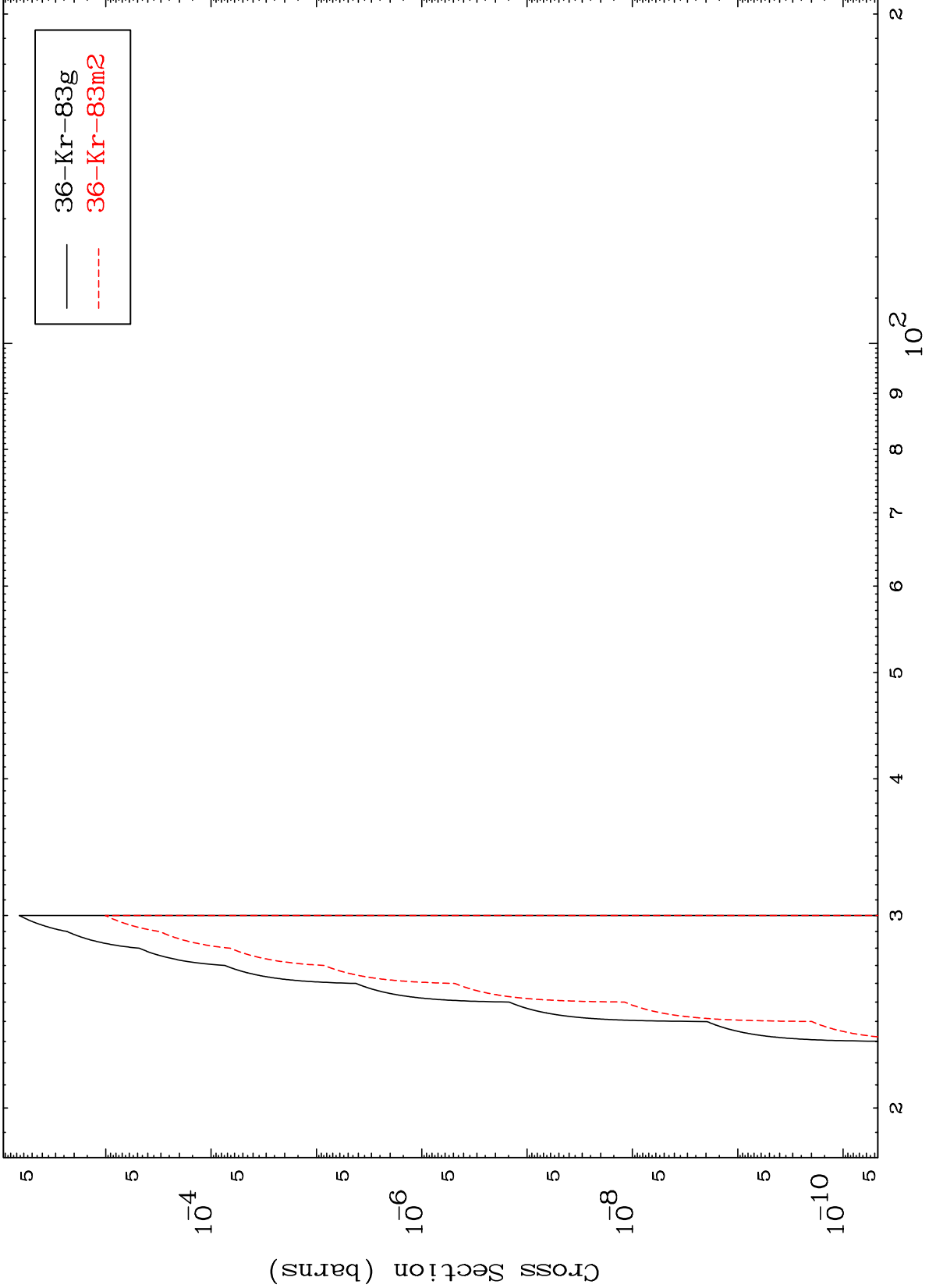
38-Sr-88

MAT 3837

(n,2n) α

38-Sr-88

Radionuclide Production Cross Section



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

105

Incident Energy (MeV)

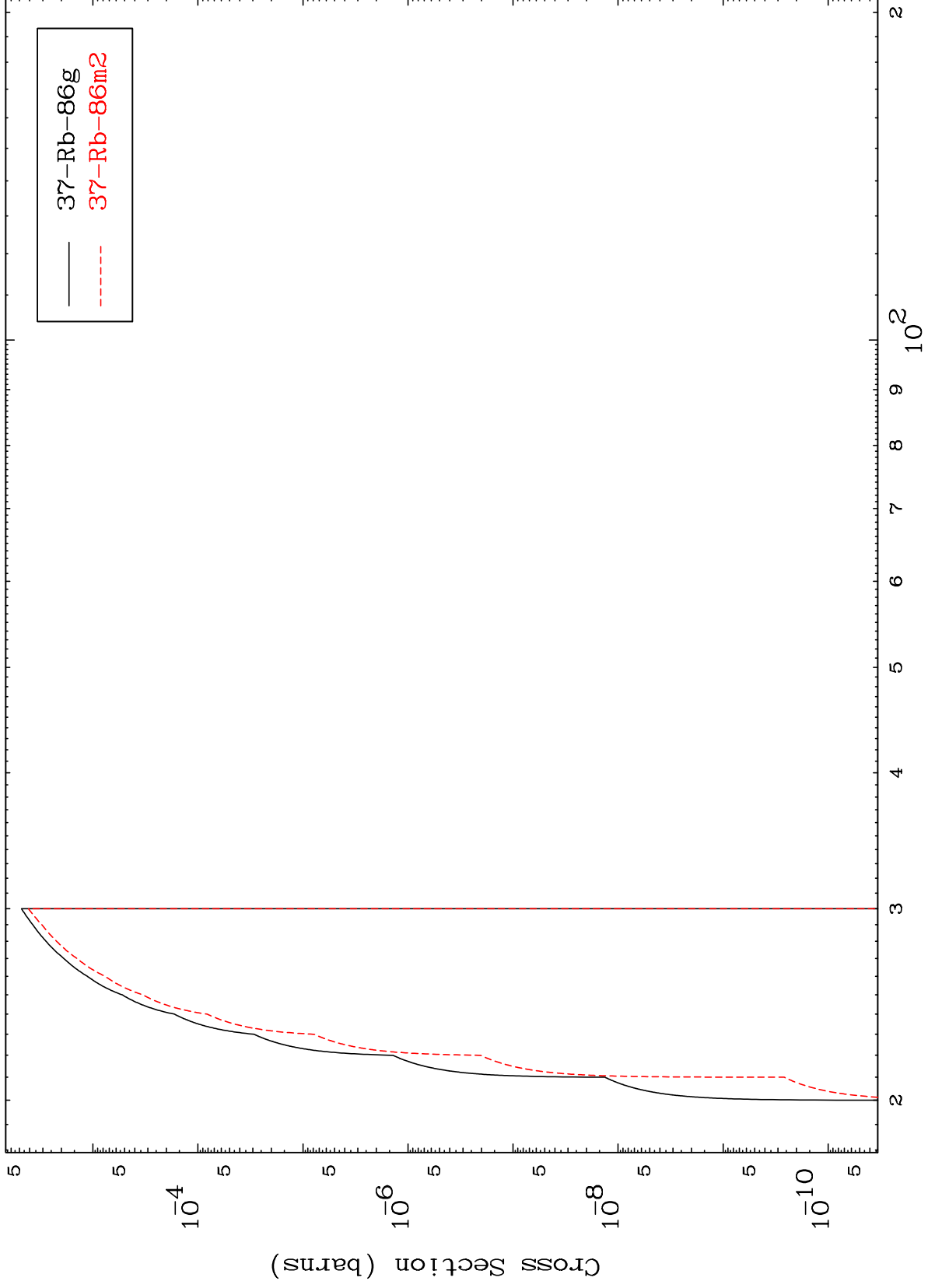
38-Sr-88

MAT 3837

(n,n') d

38-Sr-88

Radionuclide Production Cross Section



106

Incident Energy (MeV)

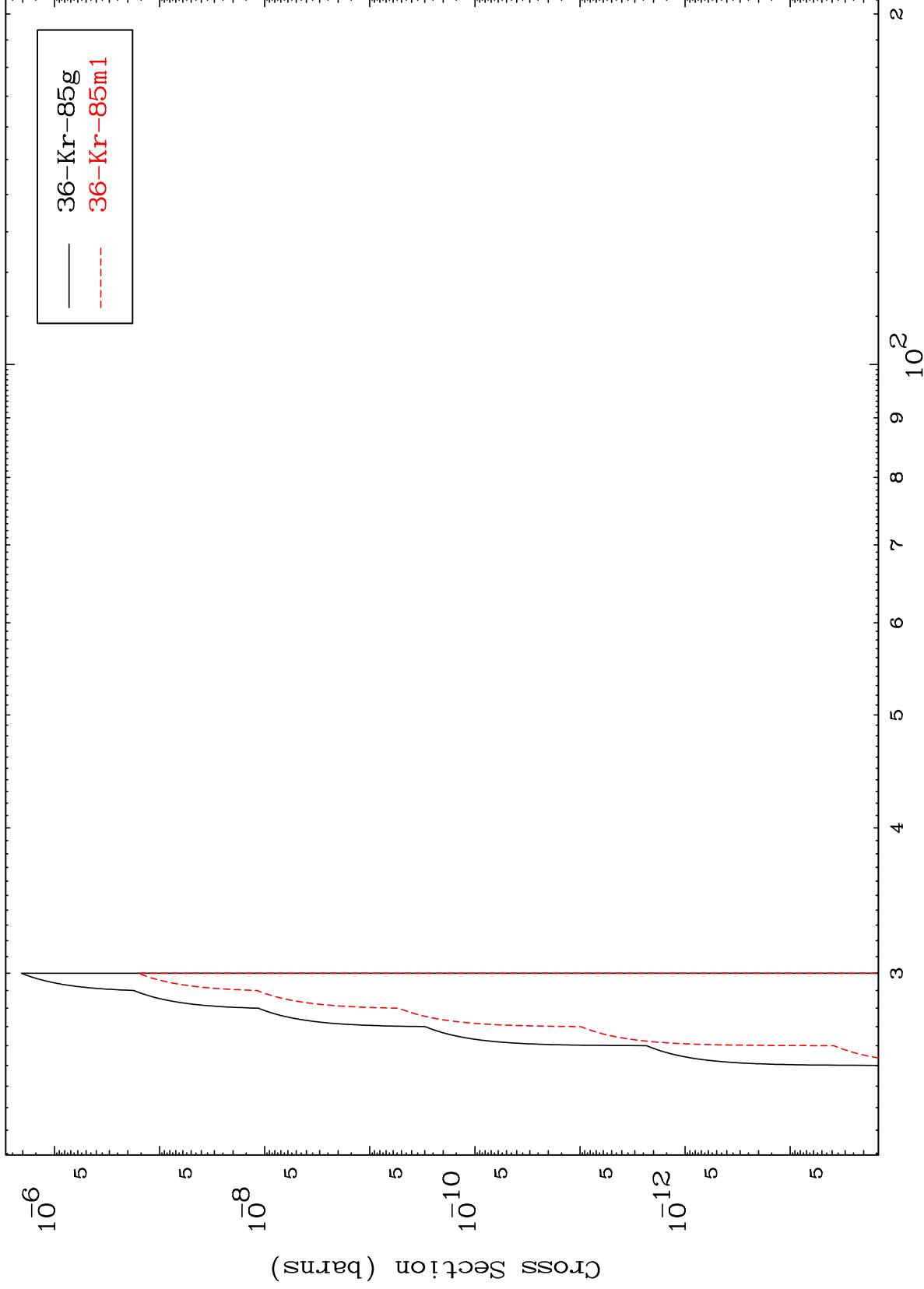
38-Sr-88

MAT 3837

(n,n') He-3

38-Sr-88

Radionuclide Production Cross Section



107

Incident Energy (MeV)

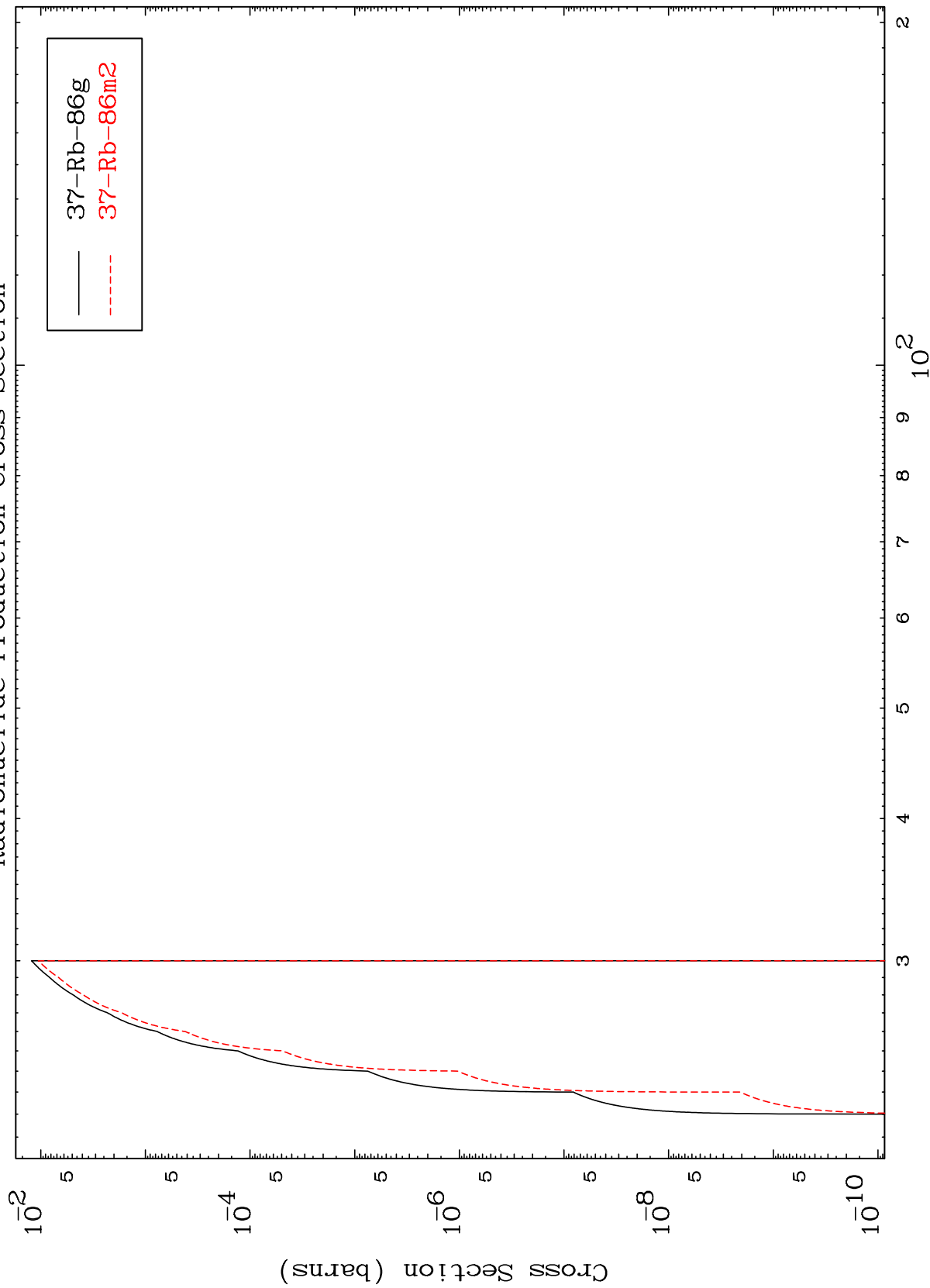
38-Sr-88

MAT 3837

(n,2n) p

38-Sr-88

Radionuclide Production Cross Section

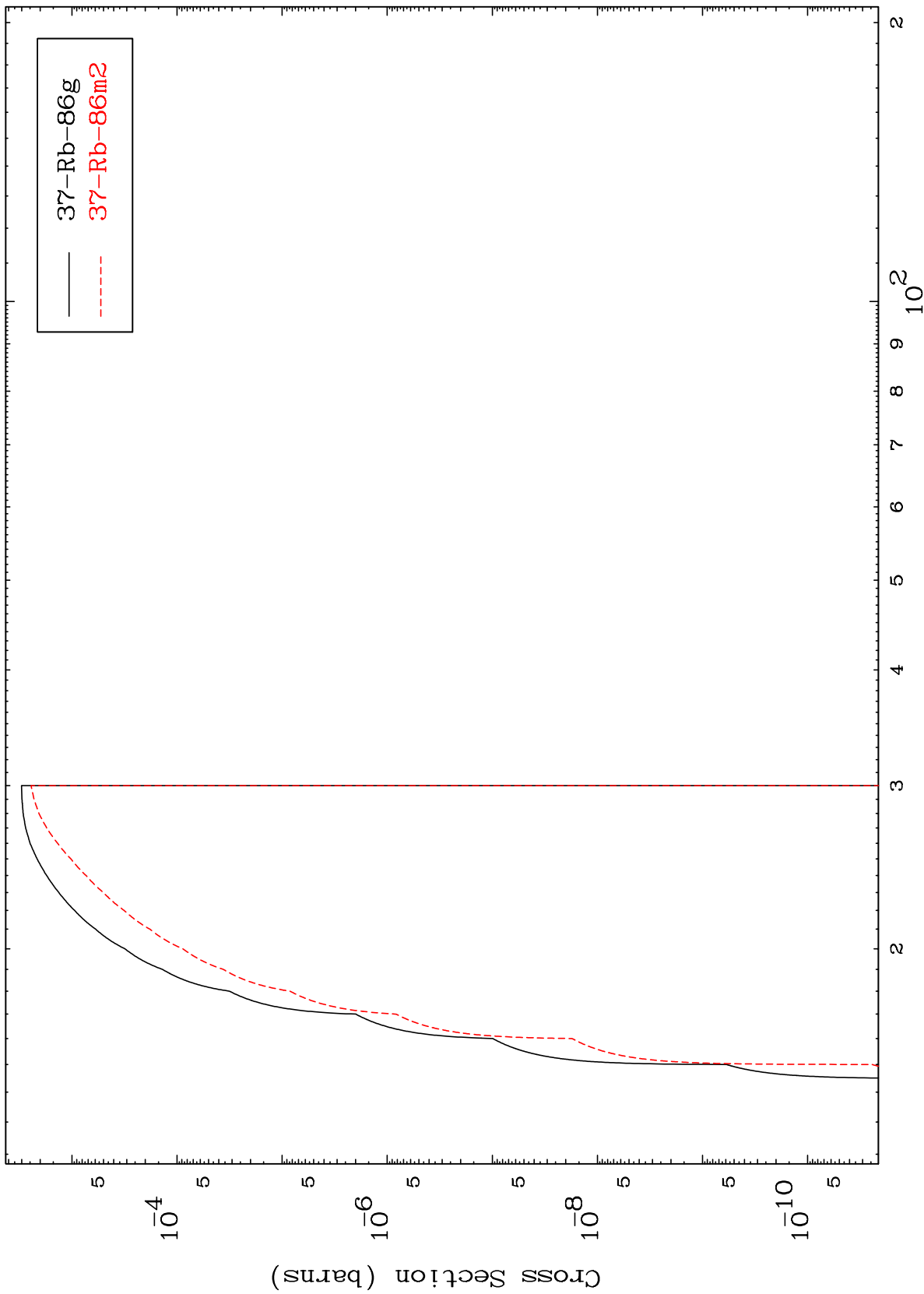


108

Incident Energy (MeV)

38-Sr-88

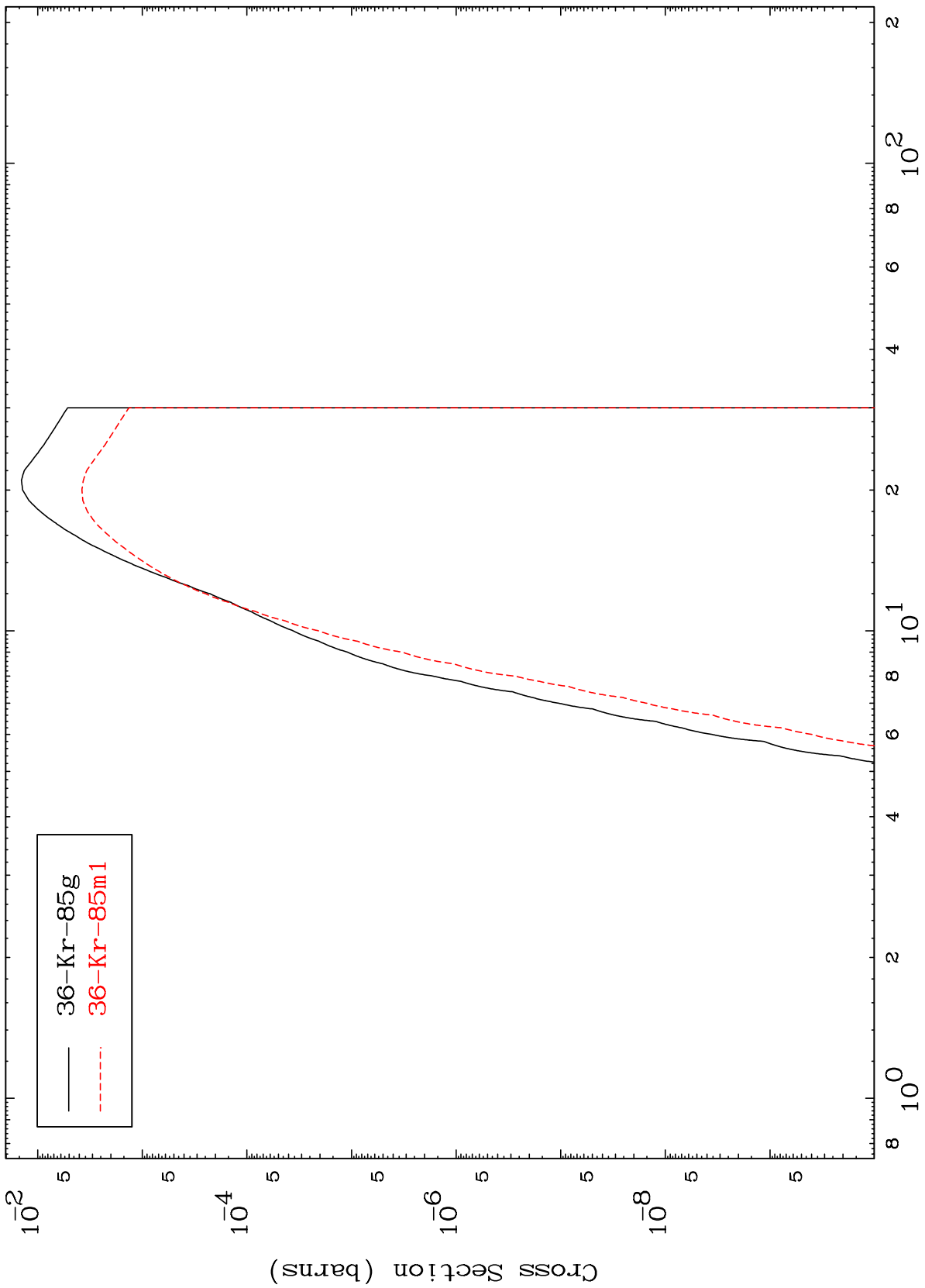
(n,t)
Radionuclide Production Cross Section



MAT 3837

38-Sr-88

Radionuclide Production Cross Section
(n, α)



— 36-Kr-85g
- - - 36-Kr-85m1

38-Sr-88

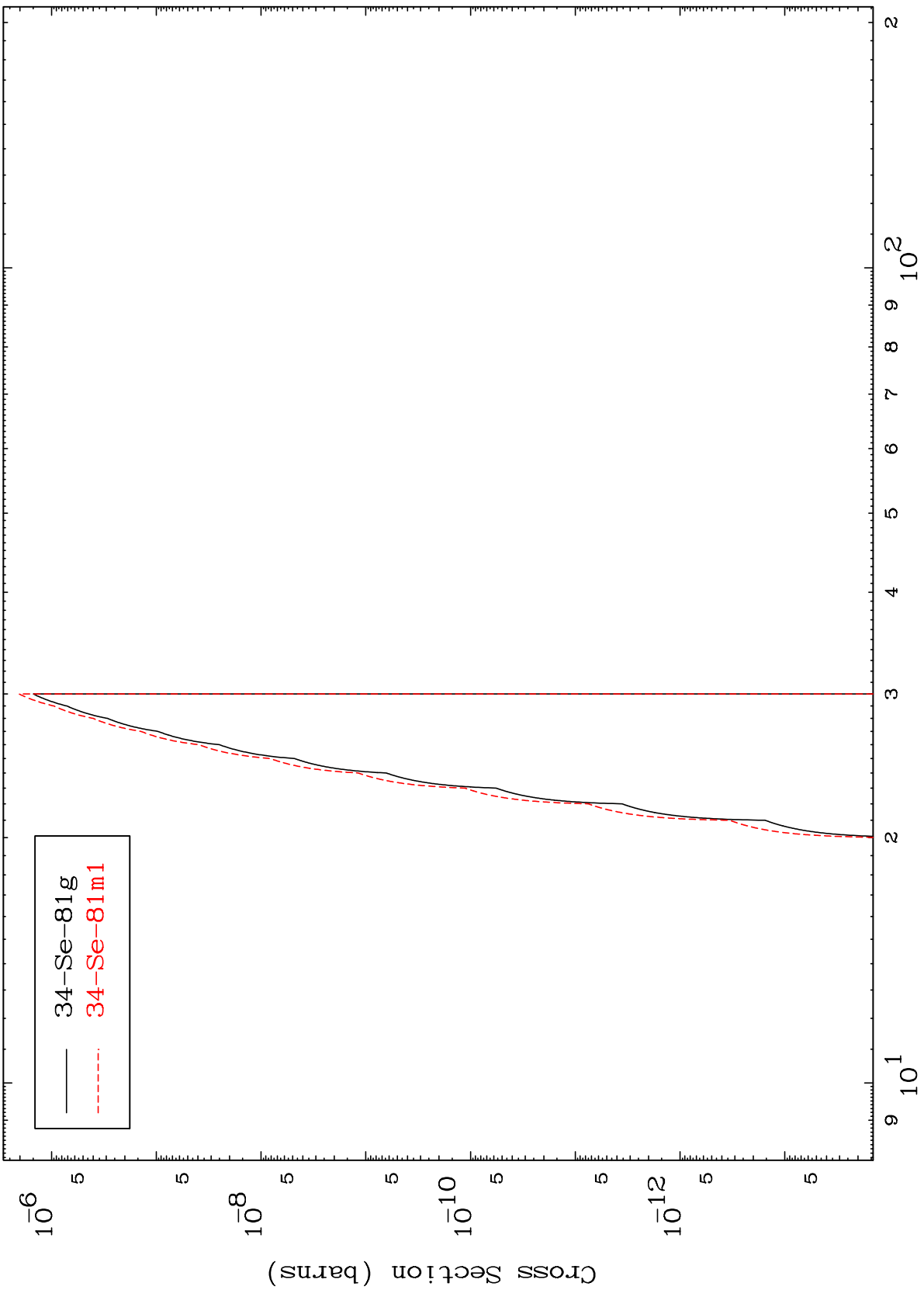
Incident Energy (MeV)

110

MAT 3837

38-Sr-88

Radionuclide Production Cross Section
(n,2α)



— 34-Se-81g
- - - 34-Se-81m1

111

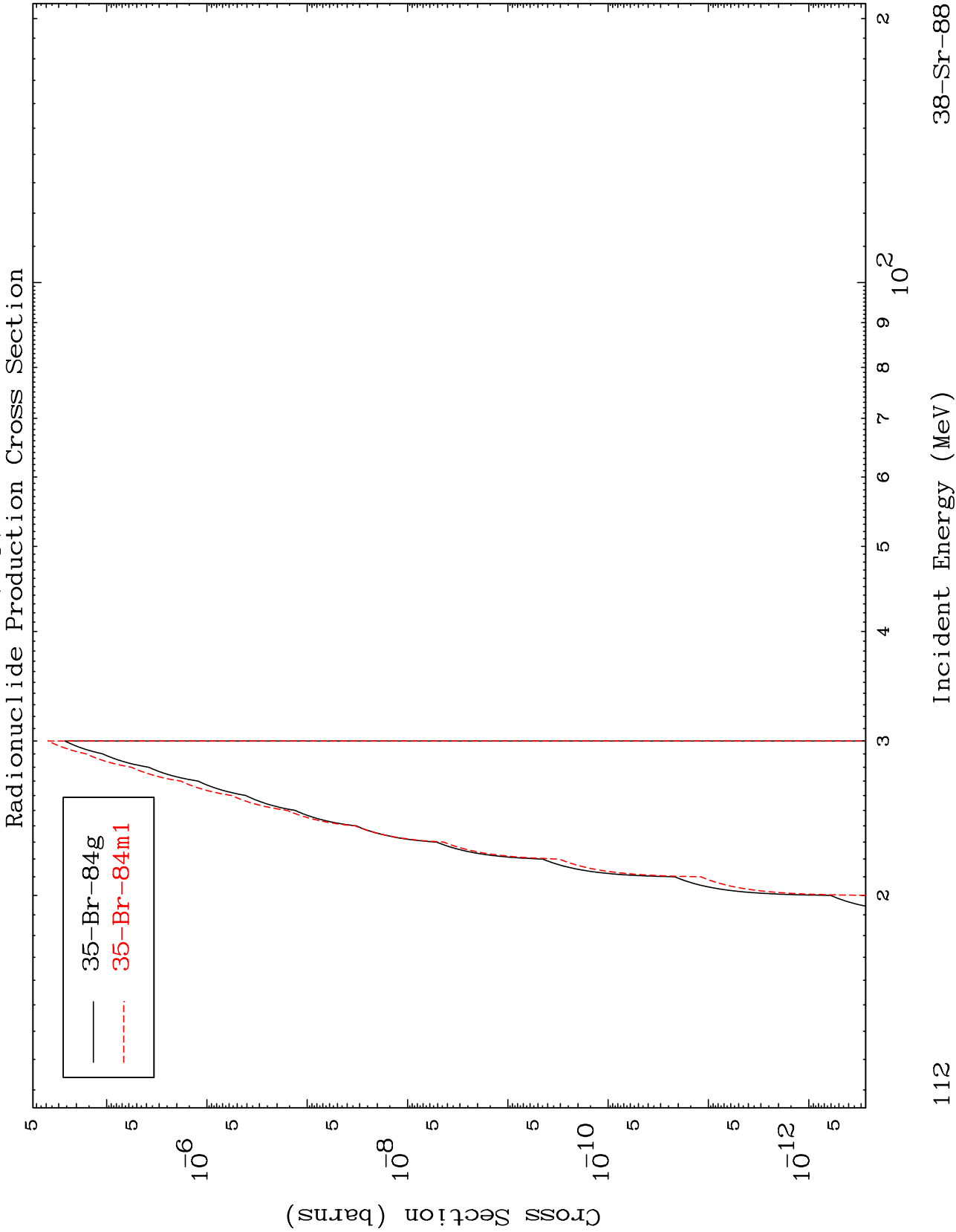
Incident Energy (MeV)

38-Sr-88

MAT 3837

(n,p) α

38-Sr-88



Radionuclide Production Cross Section

