

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

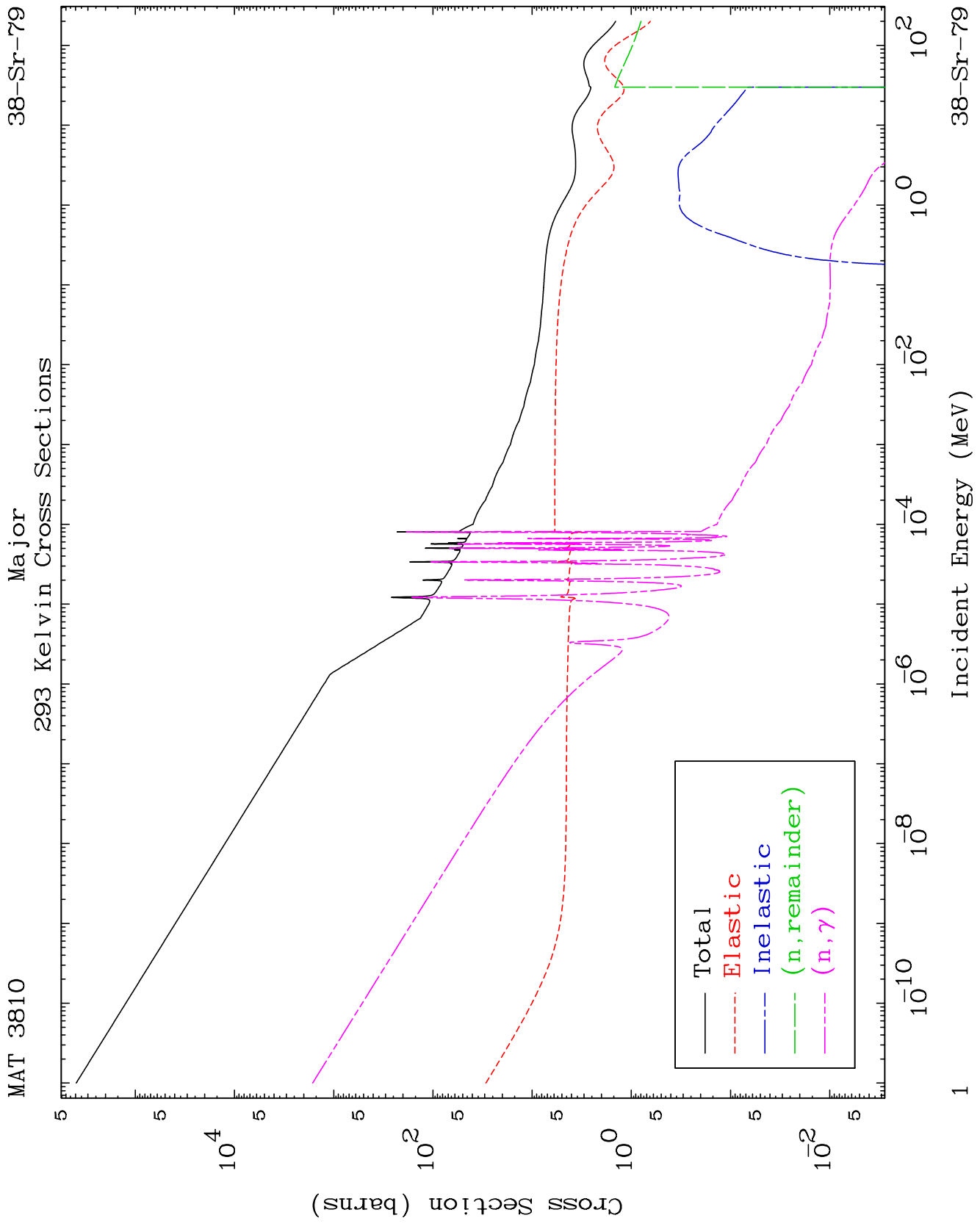
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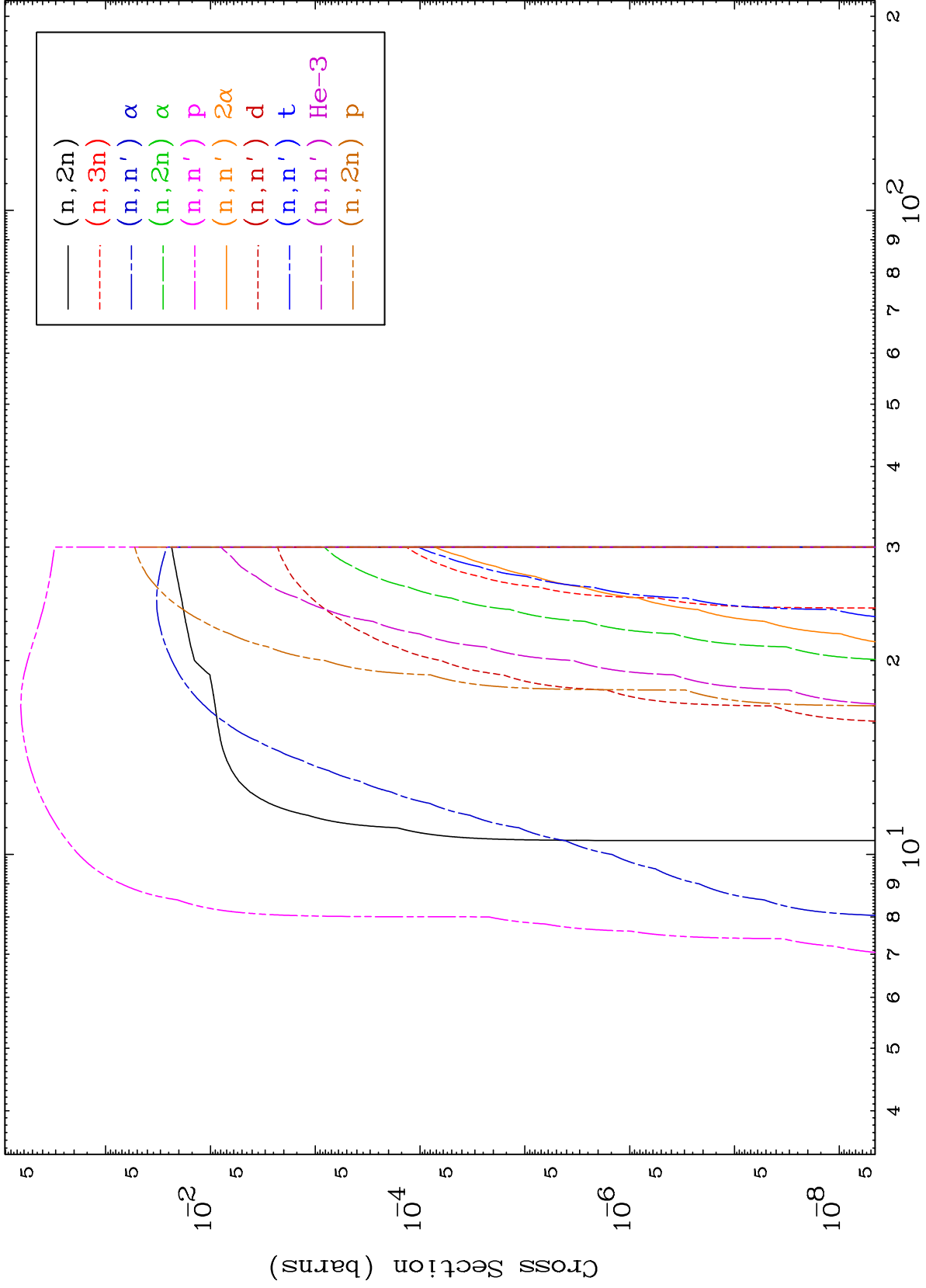
E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



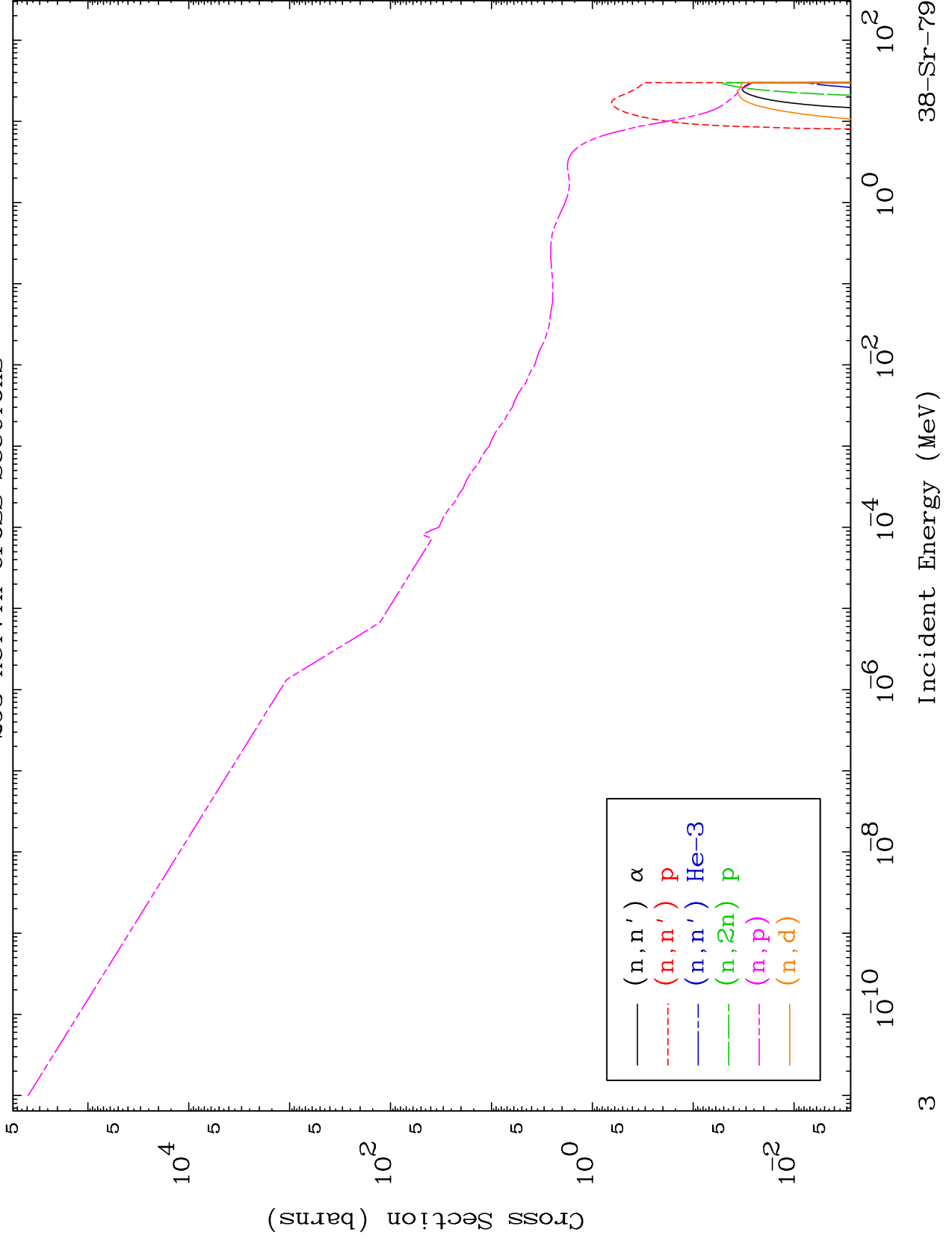
Neutron Production
293 Kelvin Cross Sections



MAT 3810

Charged Particle
293 Kelvin Cross Sections

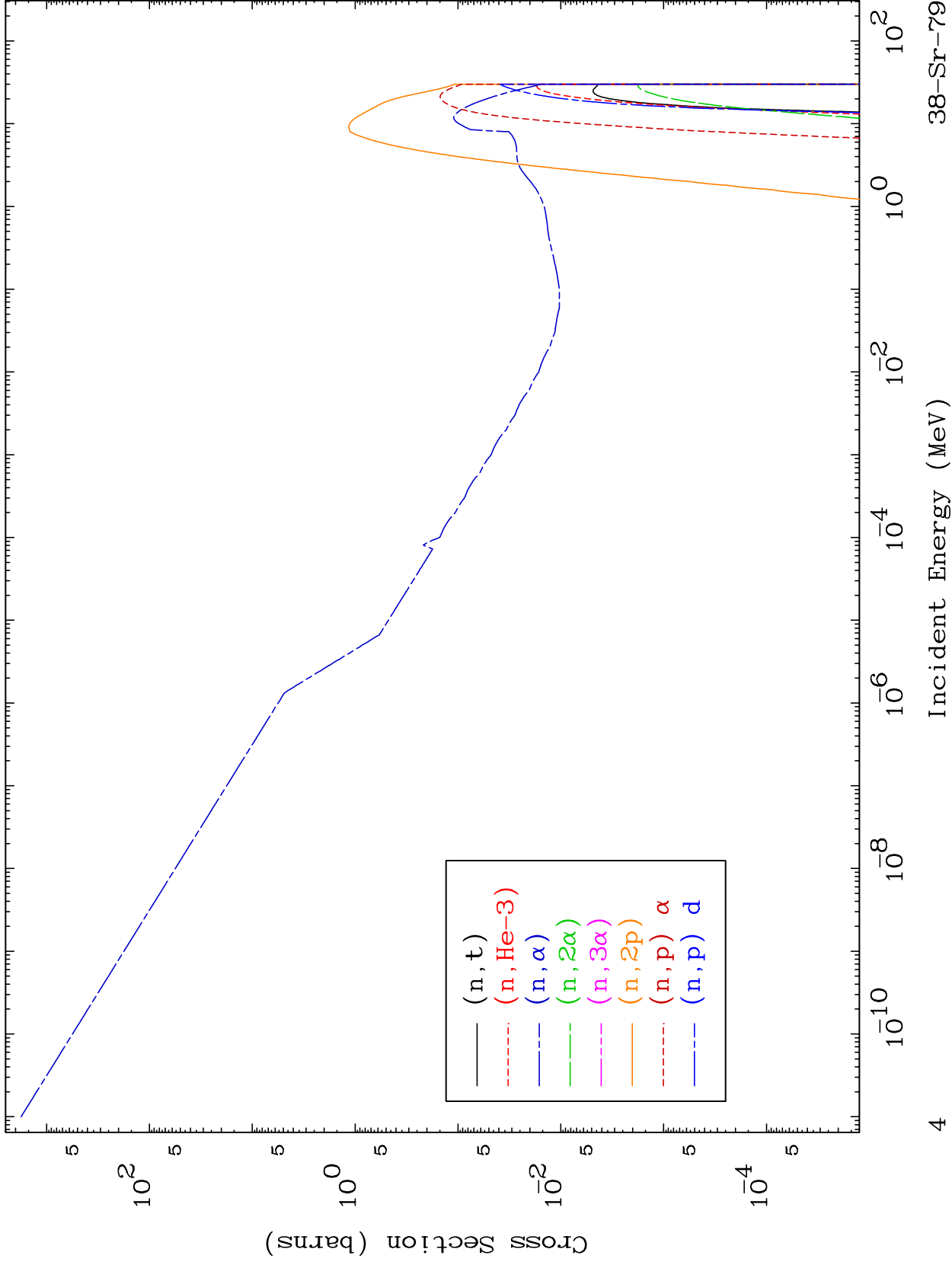
38-Sr-79



MAT 3810

Charged Particle
293 Kelvin Cross Sections

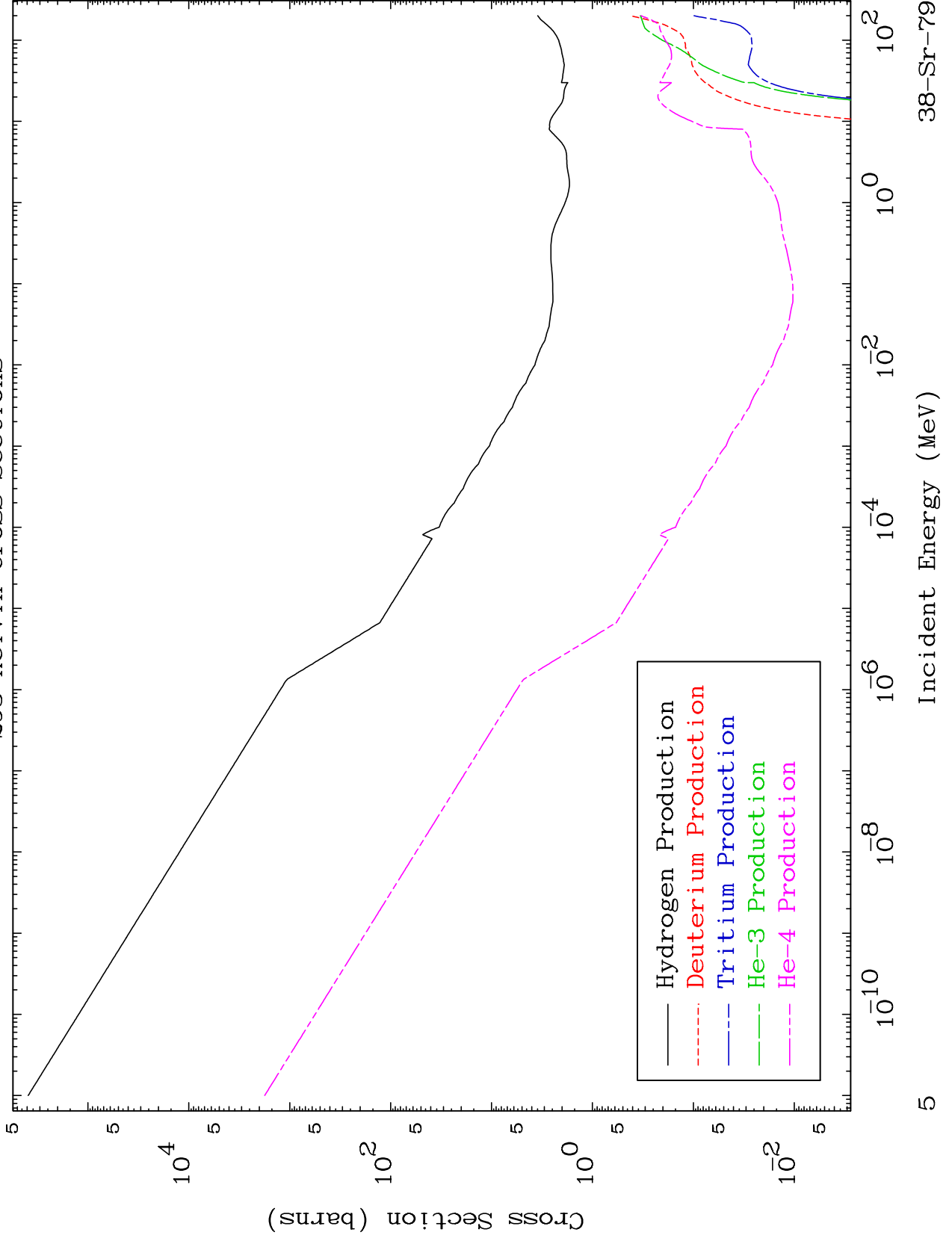
38-Sr-79

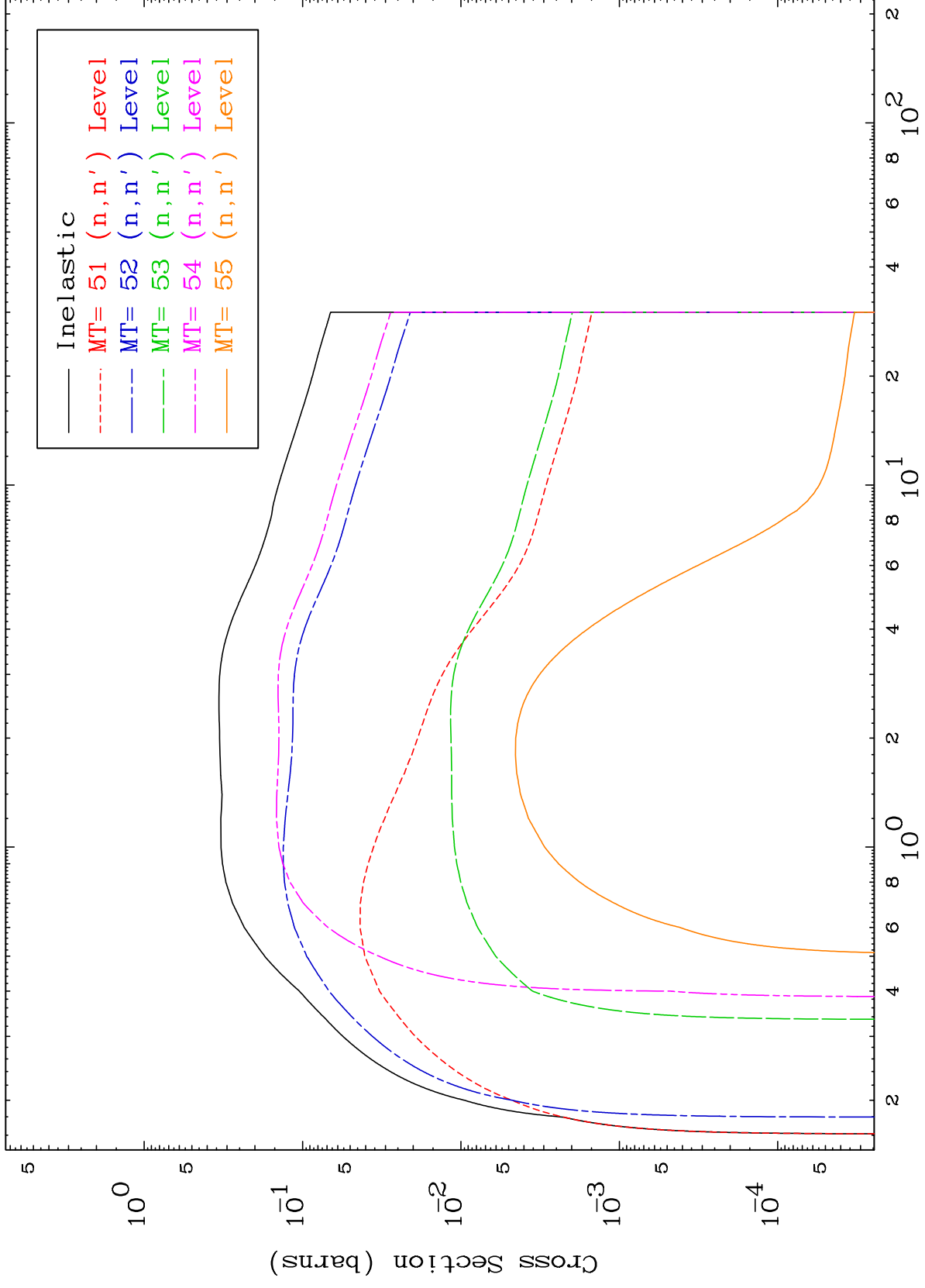


MAT 3810

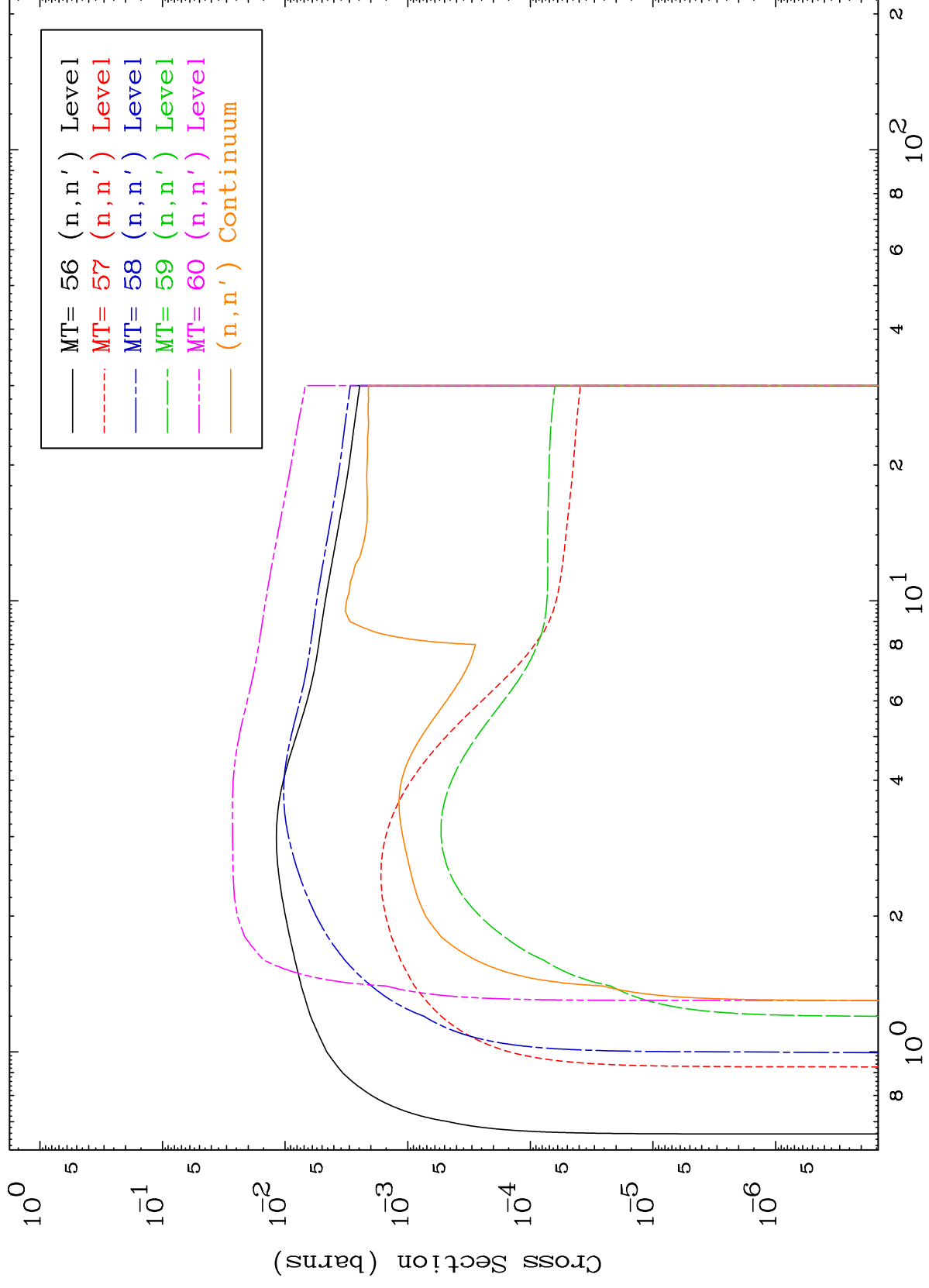
Particle Production
293 Kelvin Cross Sections

38-Sr-79





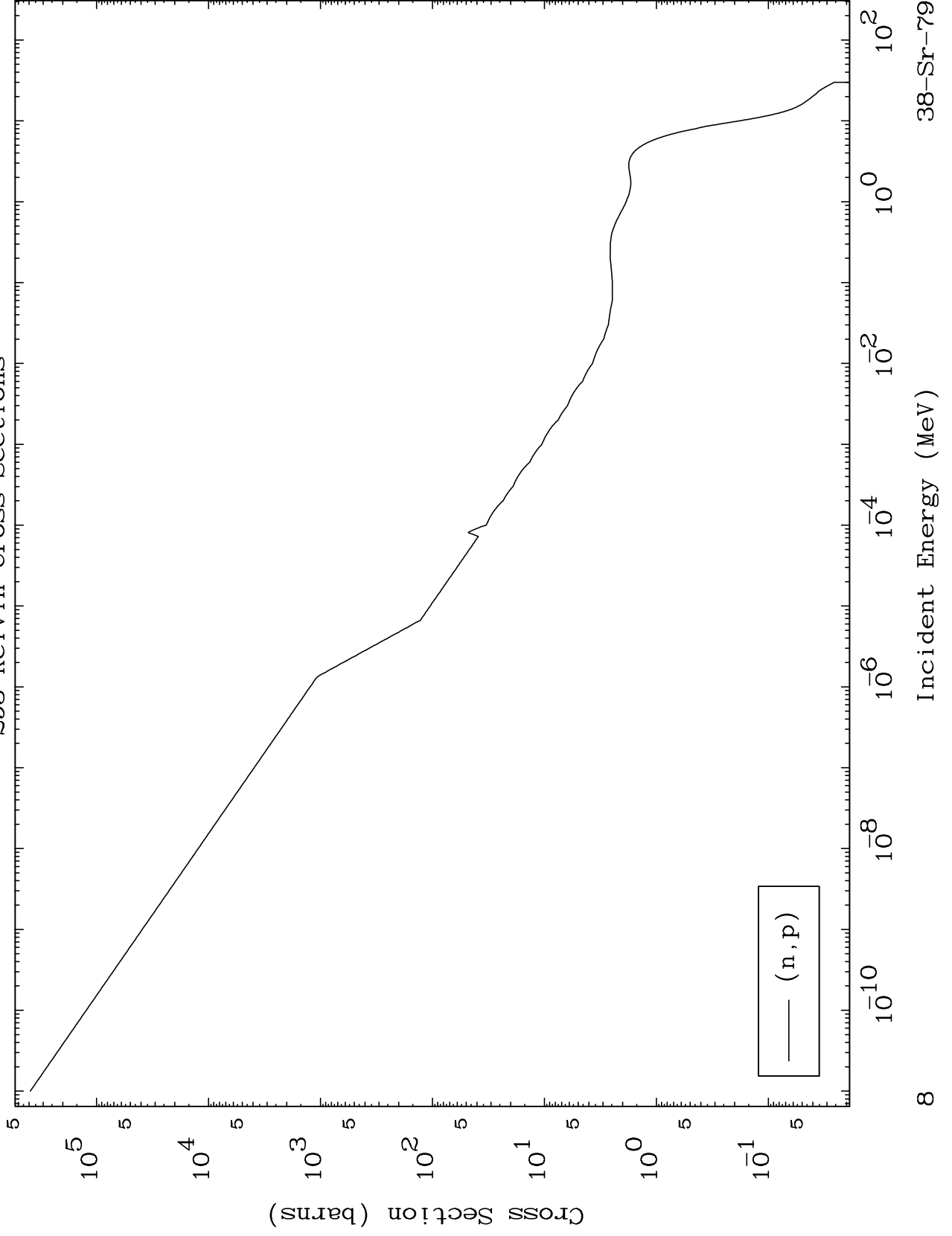
293 Kelvin Cross Sections



MAT 3810

(n,p) Levels
293 Kelvin Cross Sections

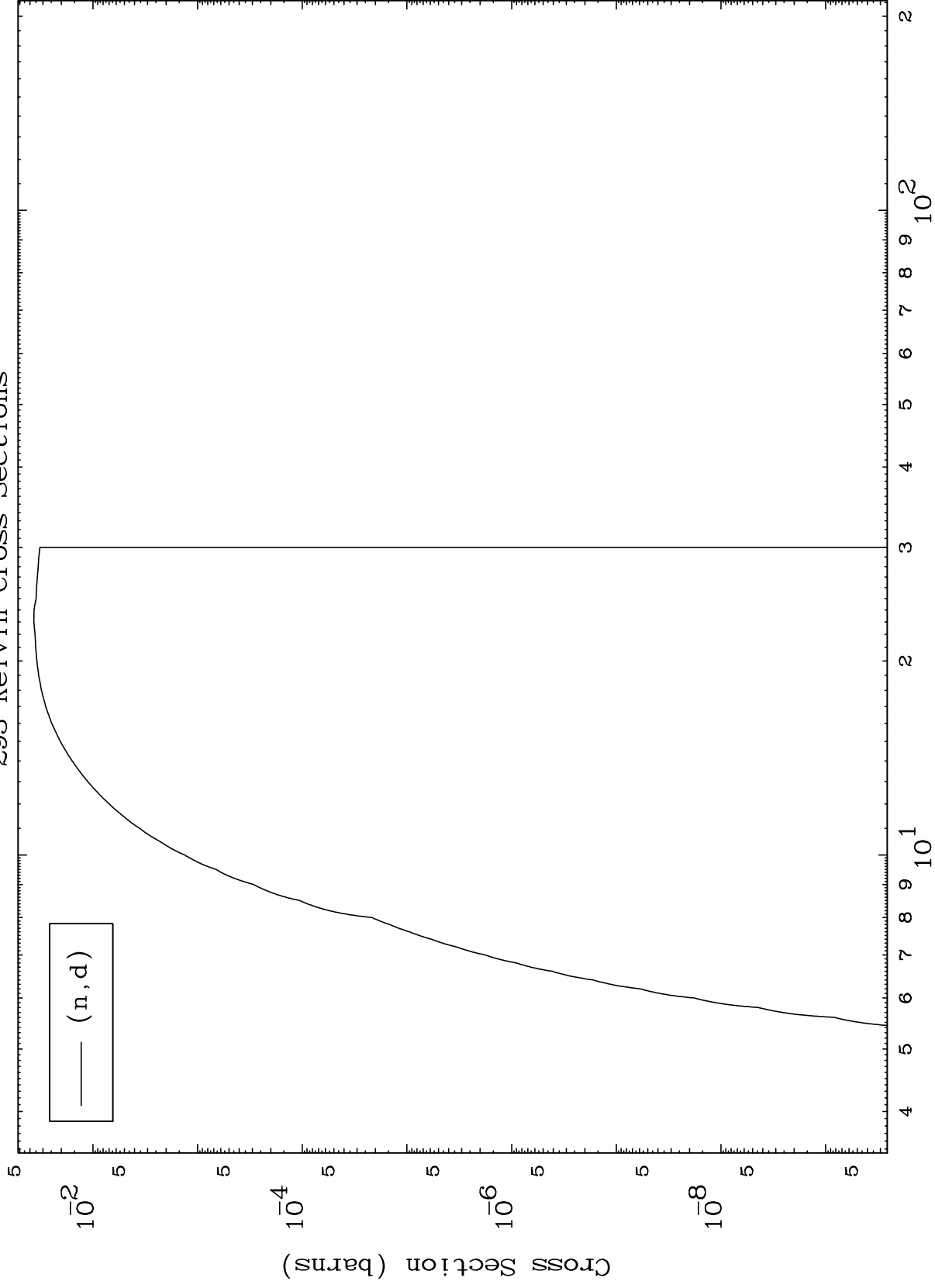
38-Sr-79



MAT 3810

(n,d) Levels
293 Kelvin Cross Sections

38-Sr-79



(n,d)

Incident Energy (MeV)

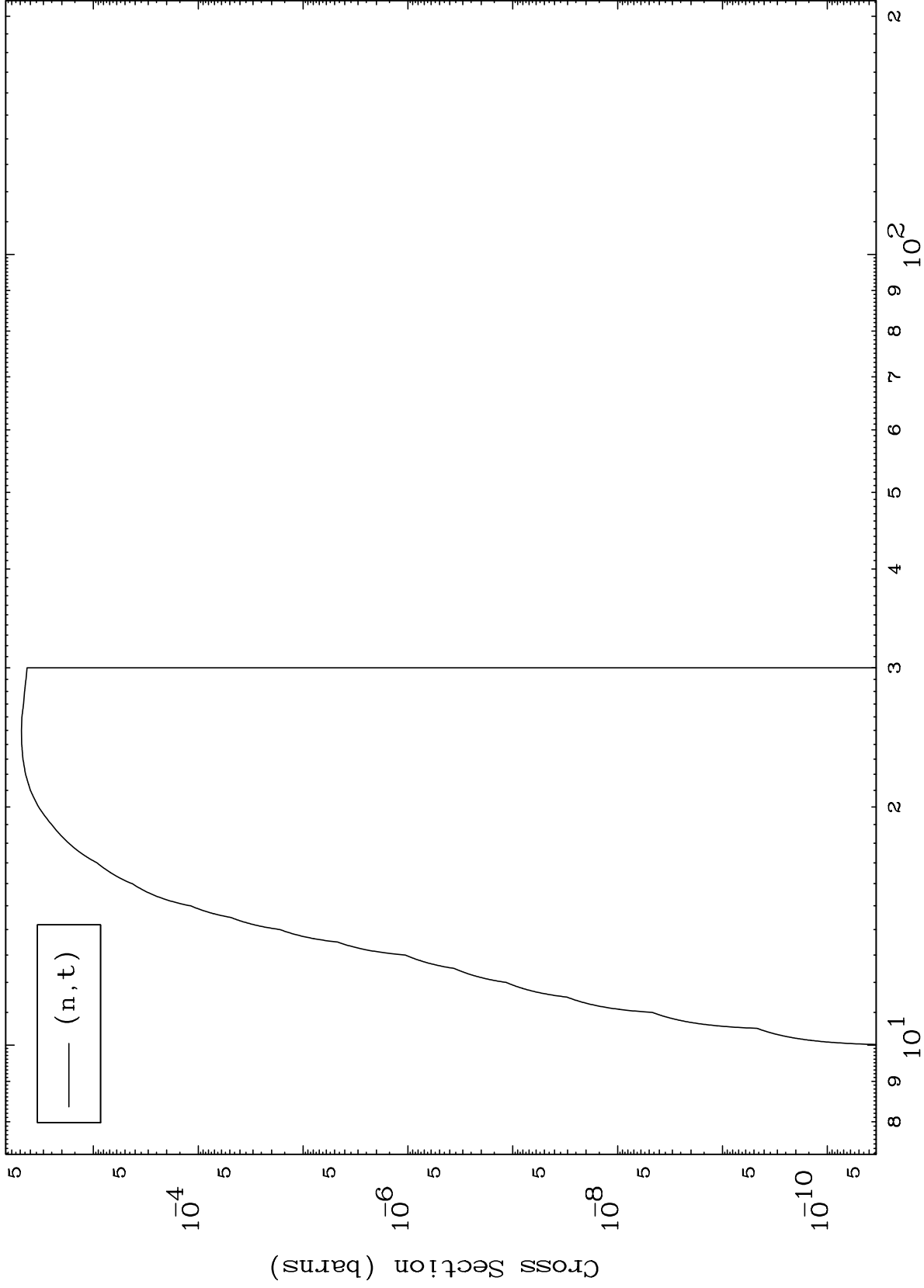
38-Sr-79

9

MAT 3810

(n,t) Levels
293 Kelvin Cross Sections

38-Sr-79



10

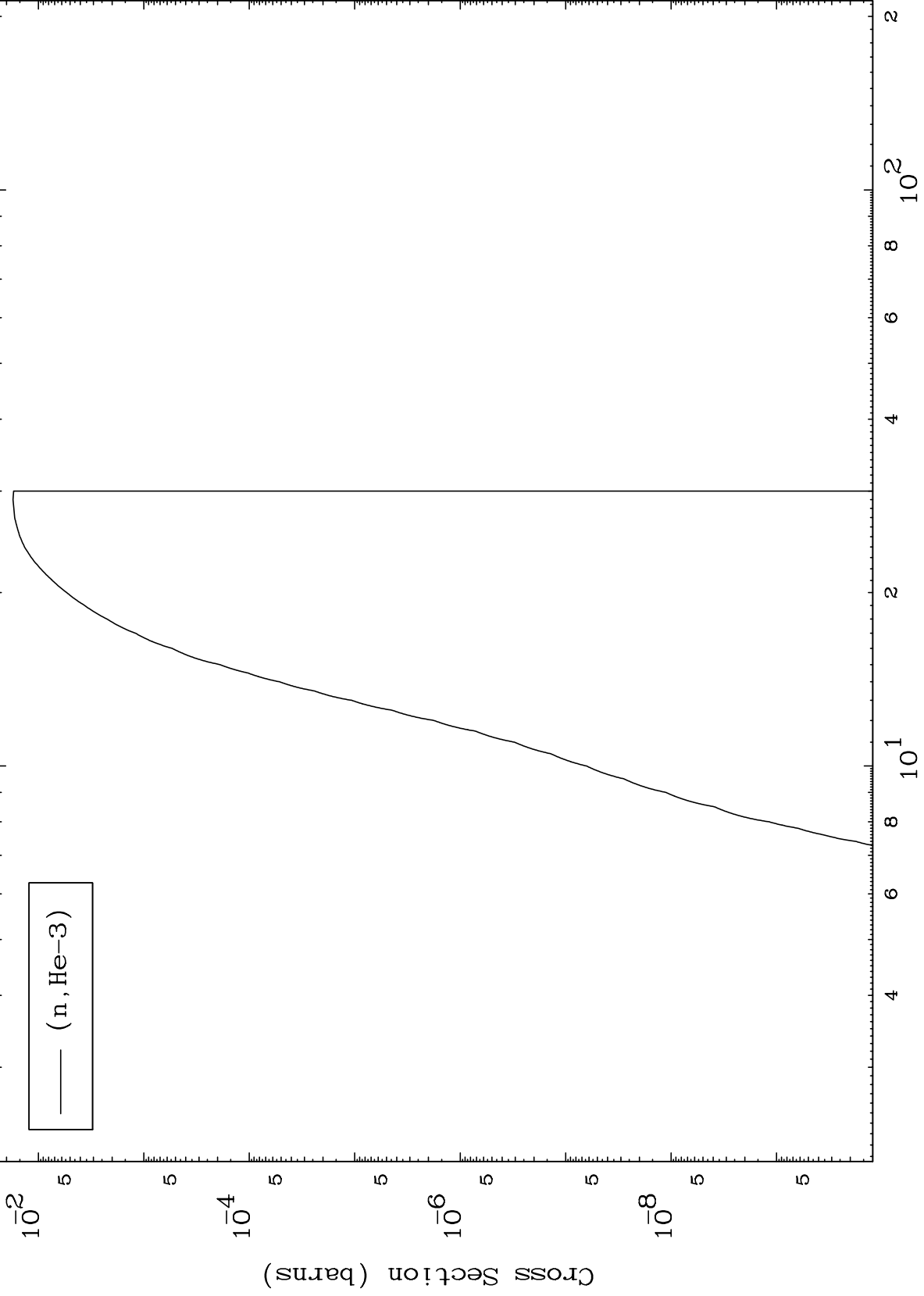
Incident Energy (MeV)

38-Sr-79

MAT 3810

(n,He3) Levels
293 Kelvin Cross Sections

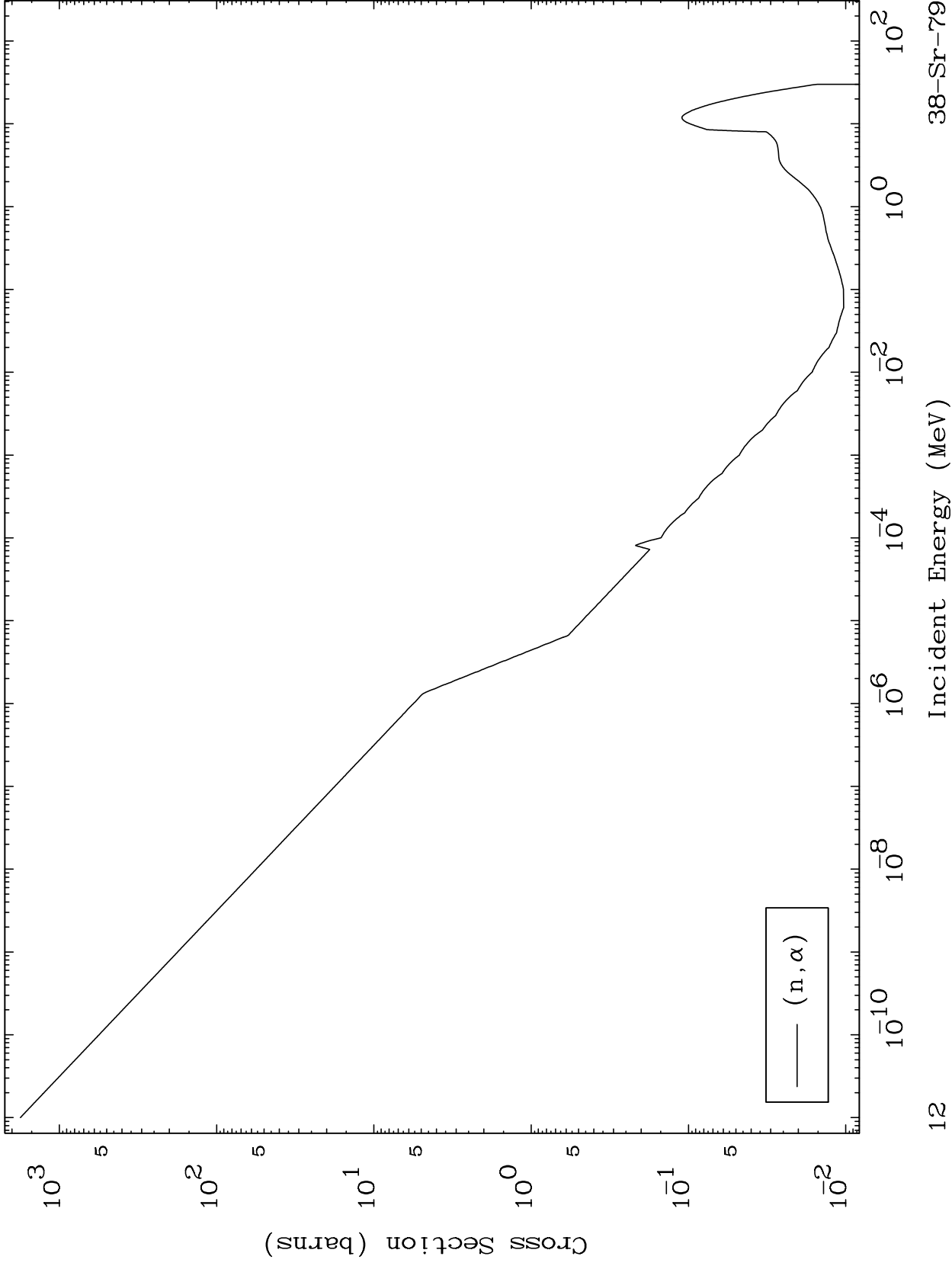
38-Sr-79

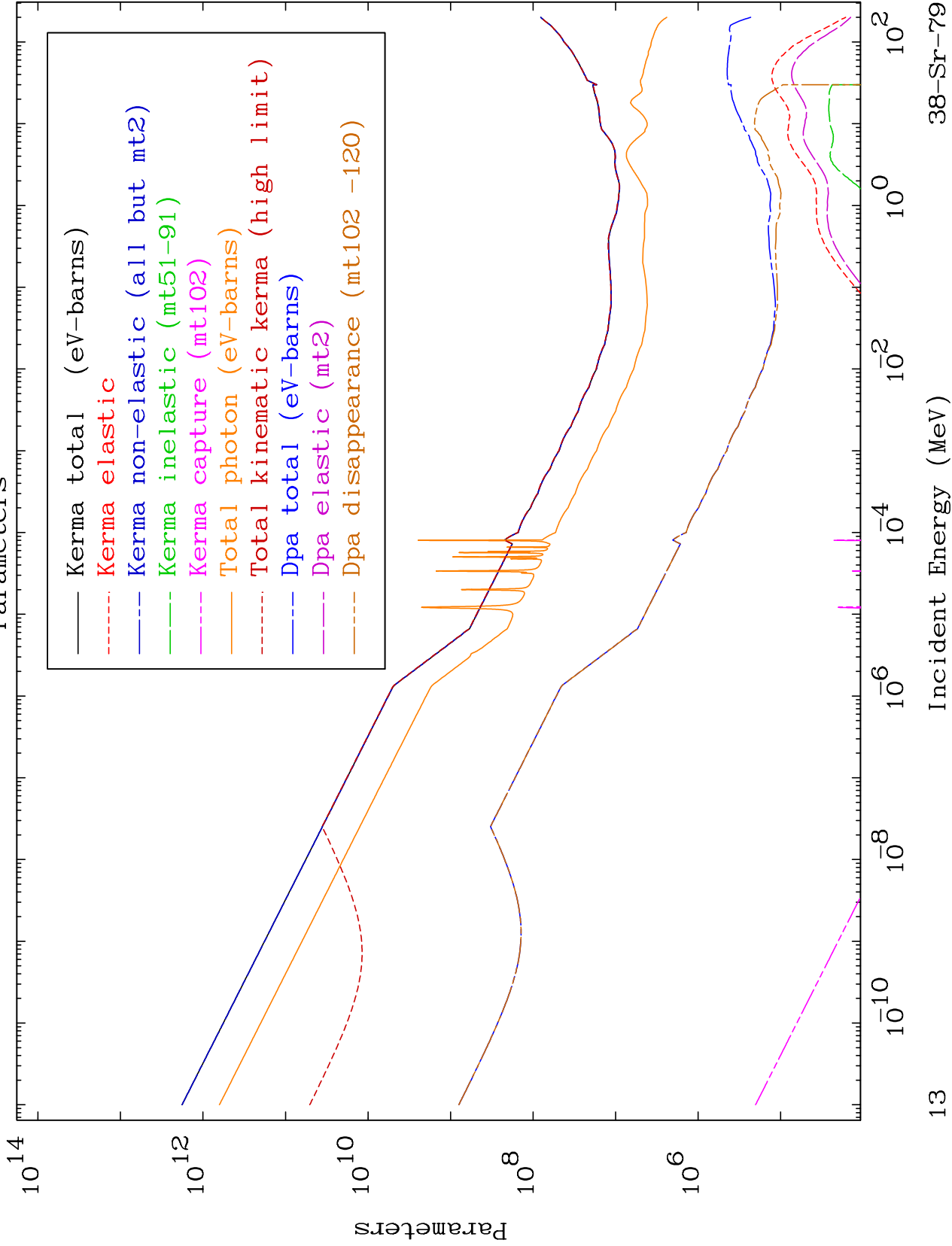


MAT 3810

(n,α) Levels
293 Kelvin Cross Sections

38-Sr-79

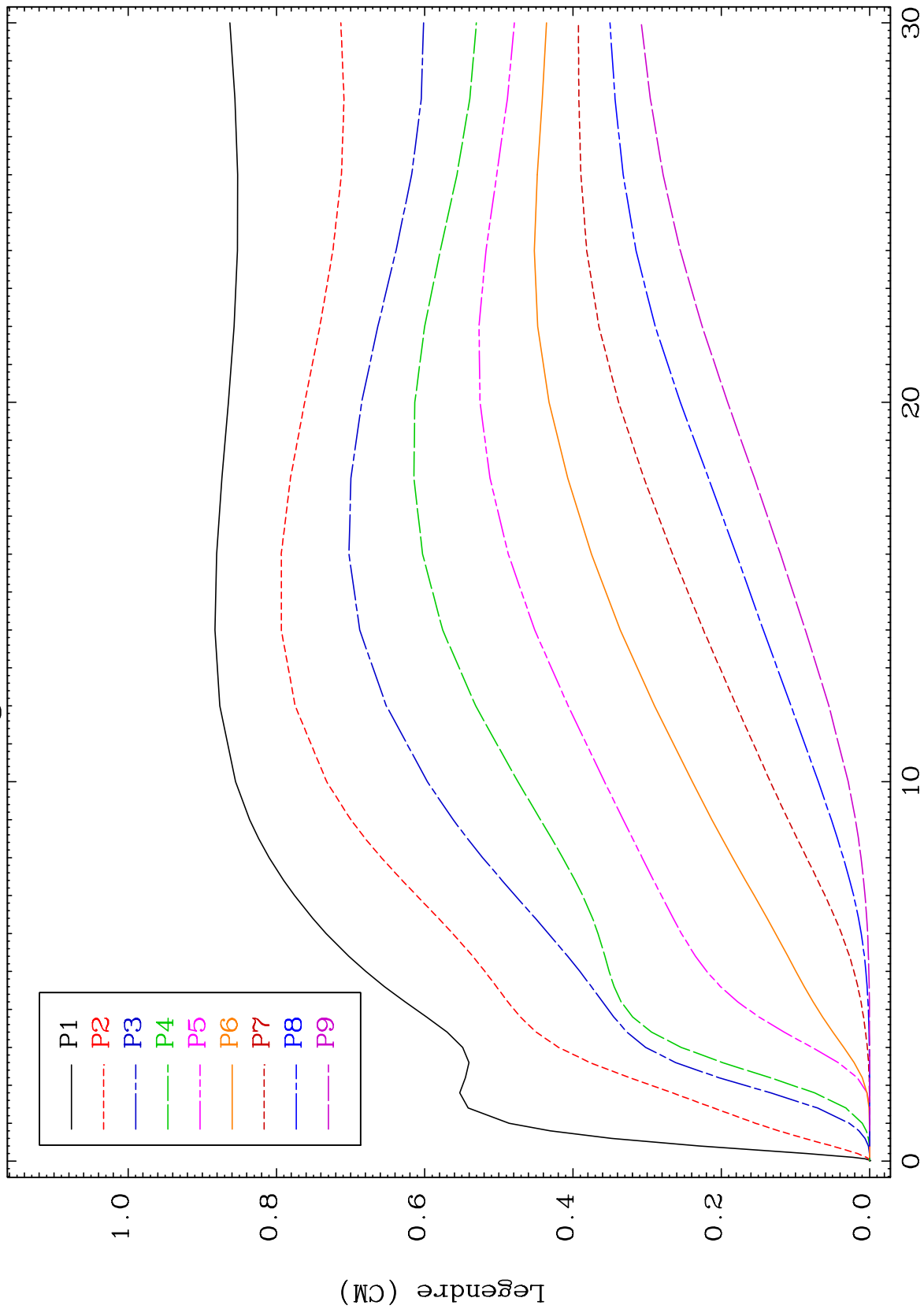




MAT 3810

Elastic Legendre Coefficients

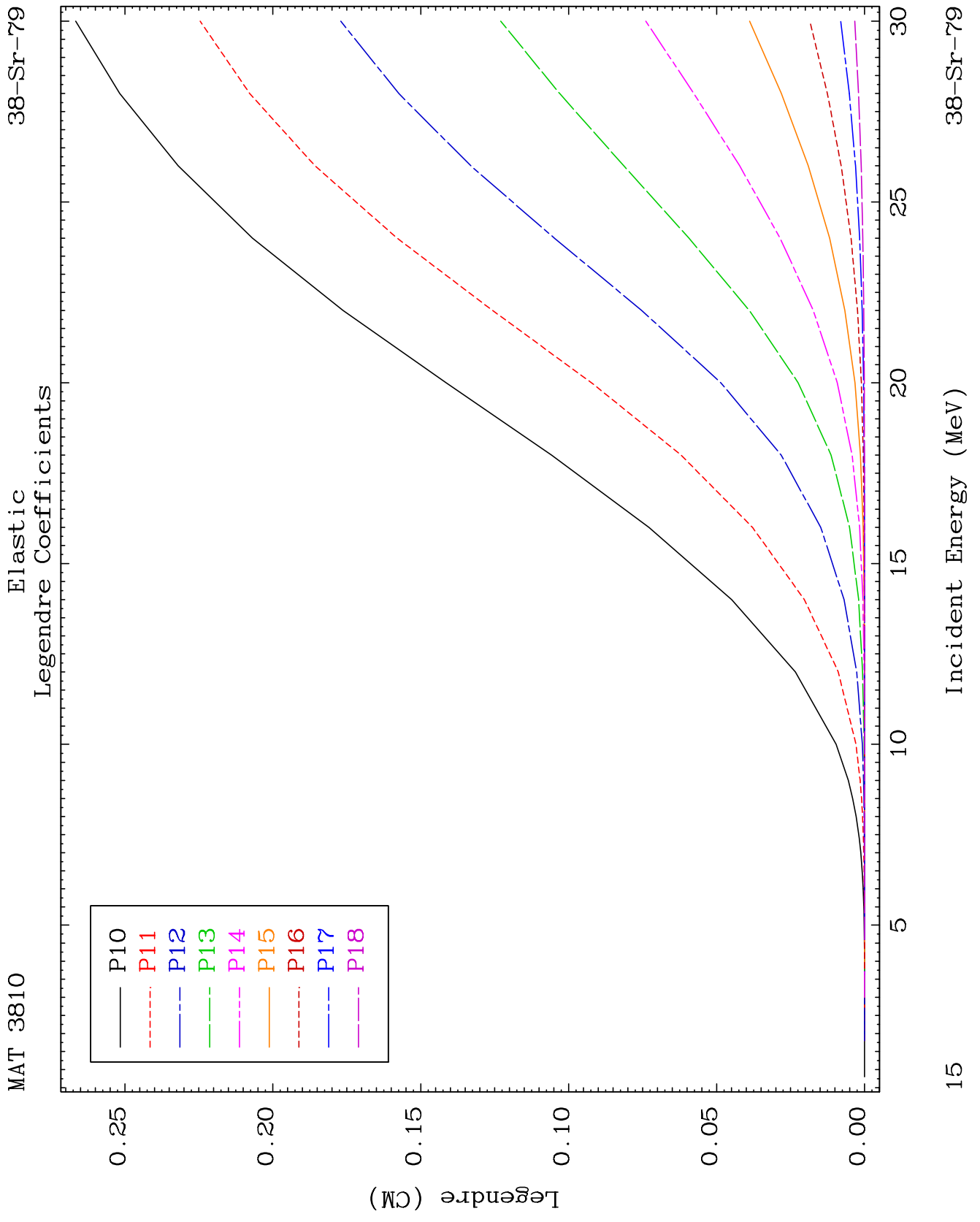
³⁸Sr-79



14

Incident Energy (MeV)

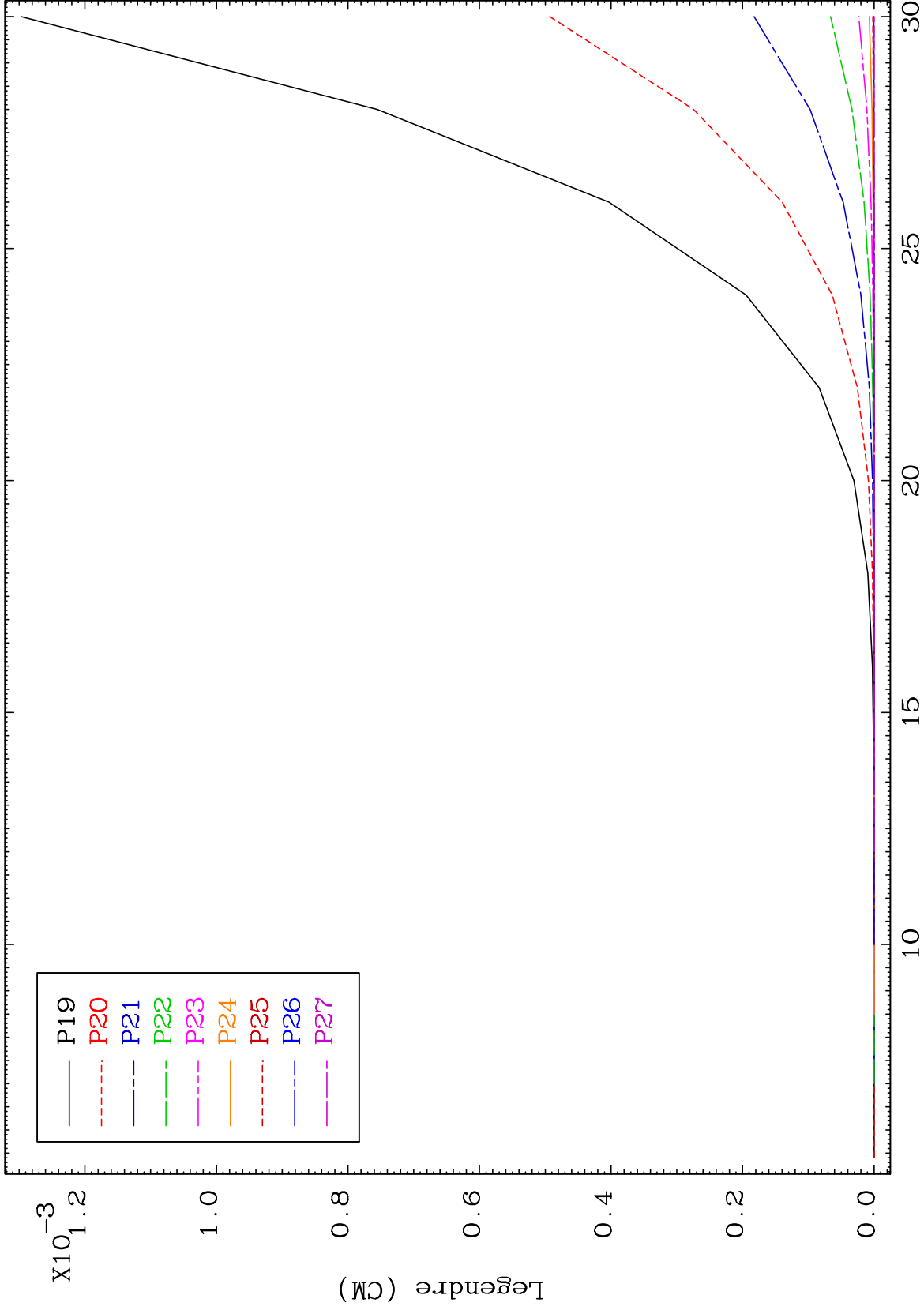
³⁸Sr-79



MAT 3810

Elastic Legendre Coefficients

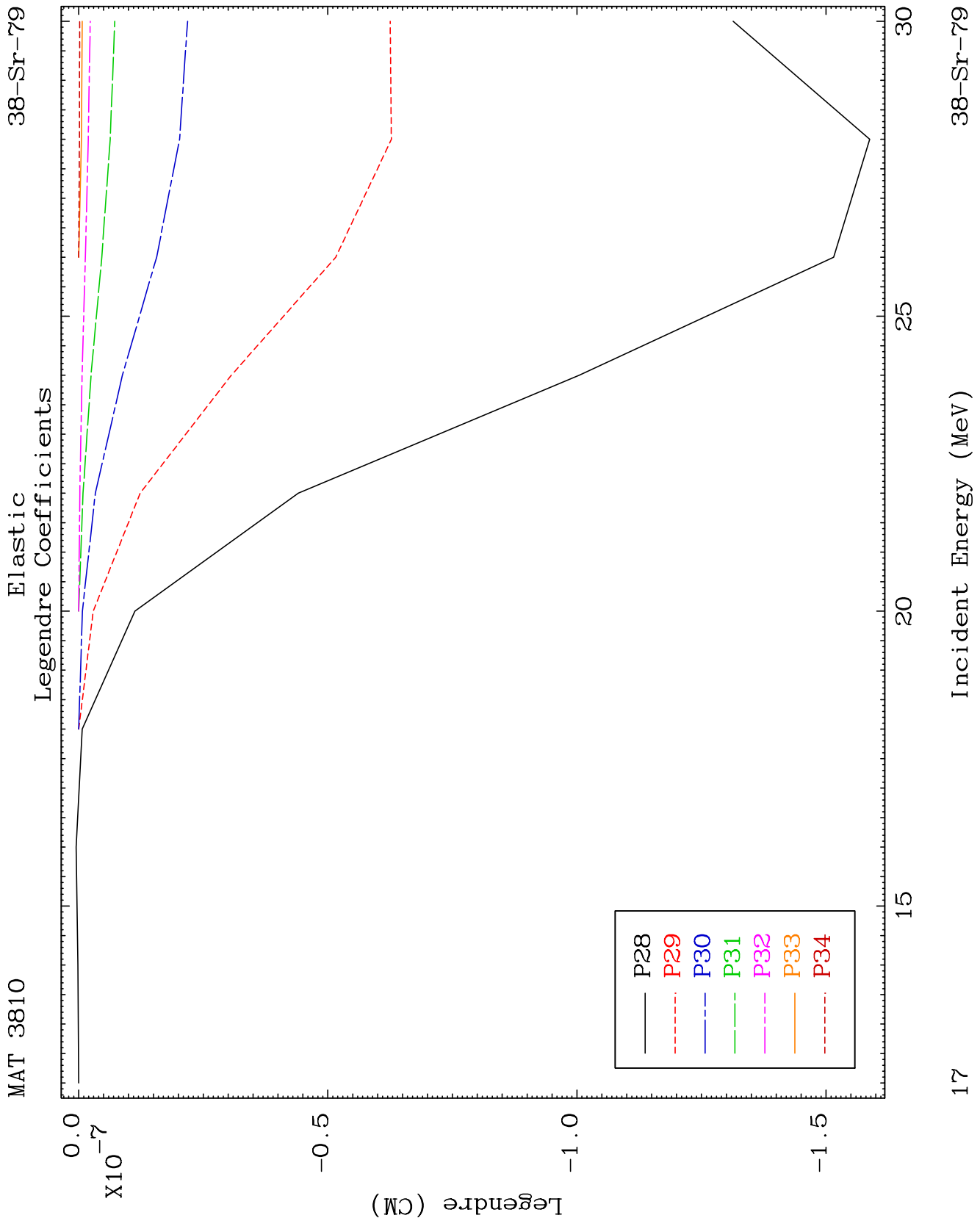
³⁸Sr-79



16

Incident Energy (MeV)

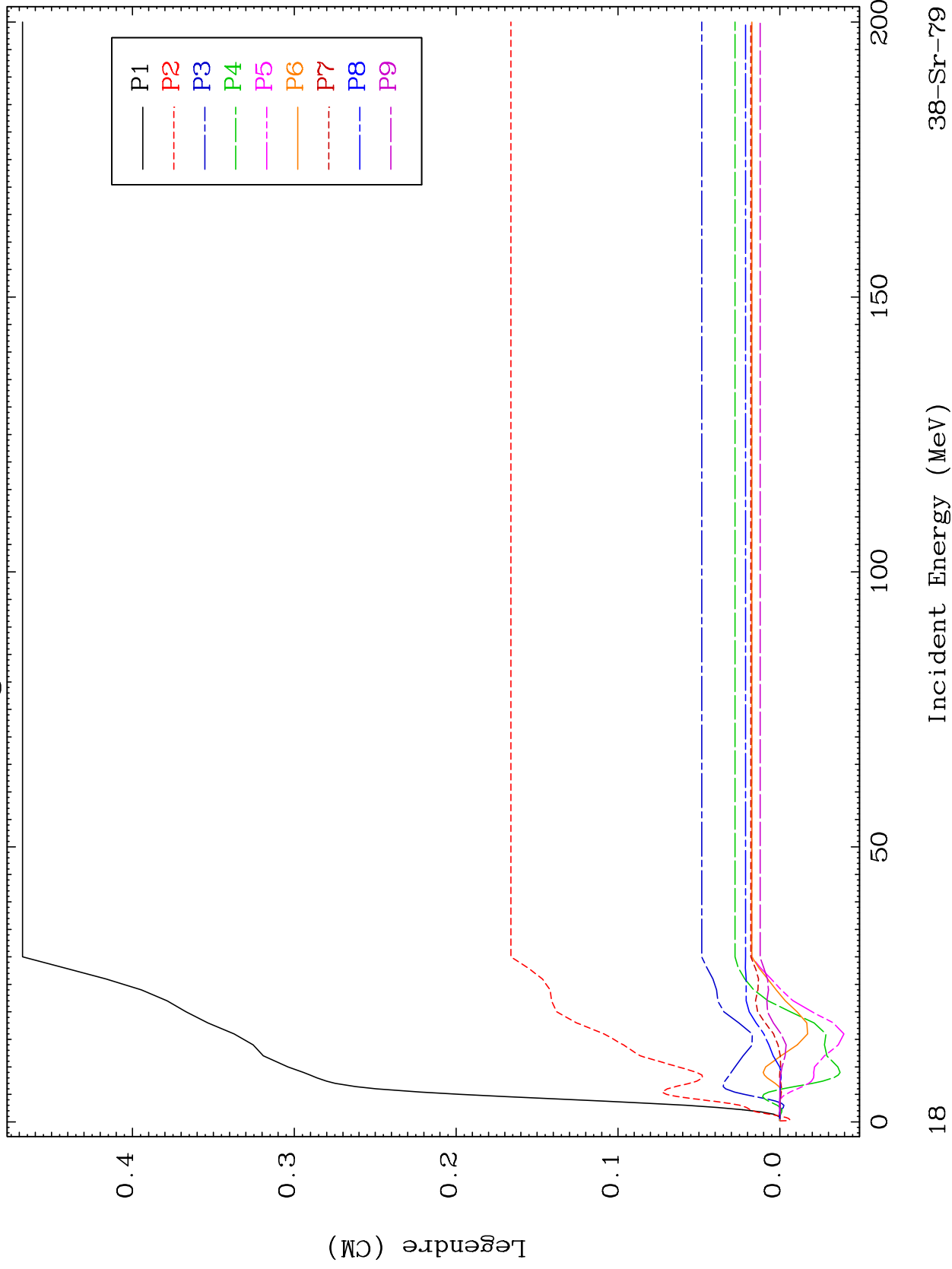
³⁸Sr-79



MAT 3810

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

38-Sr-79



38-Sr-79

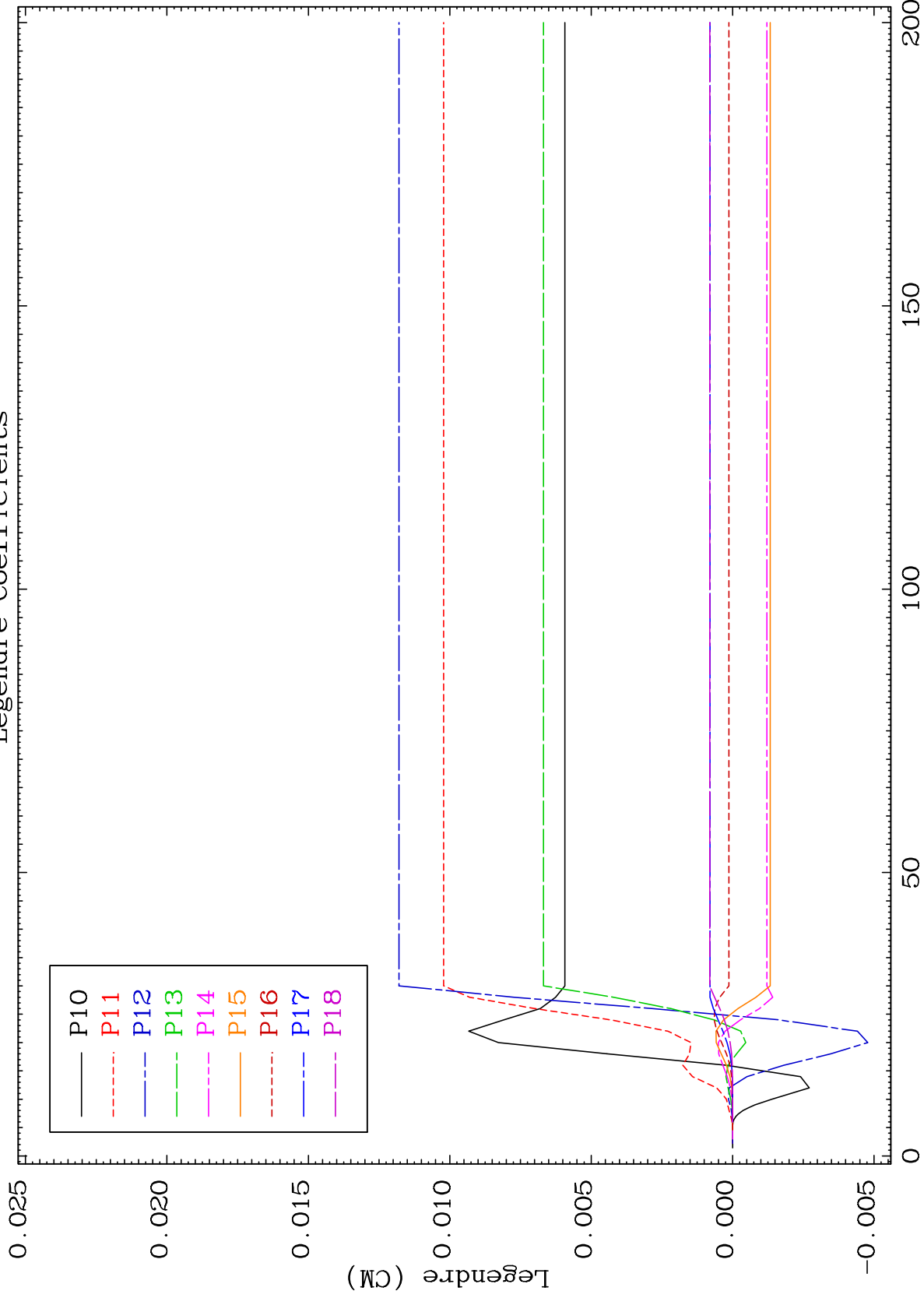
Incident Energy (MeV)

18

MAT 3810

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

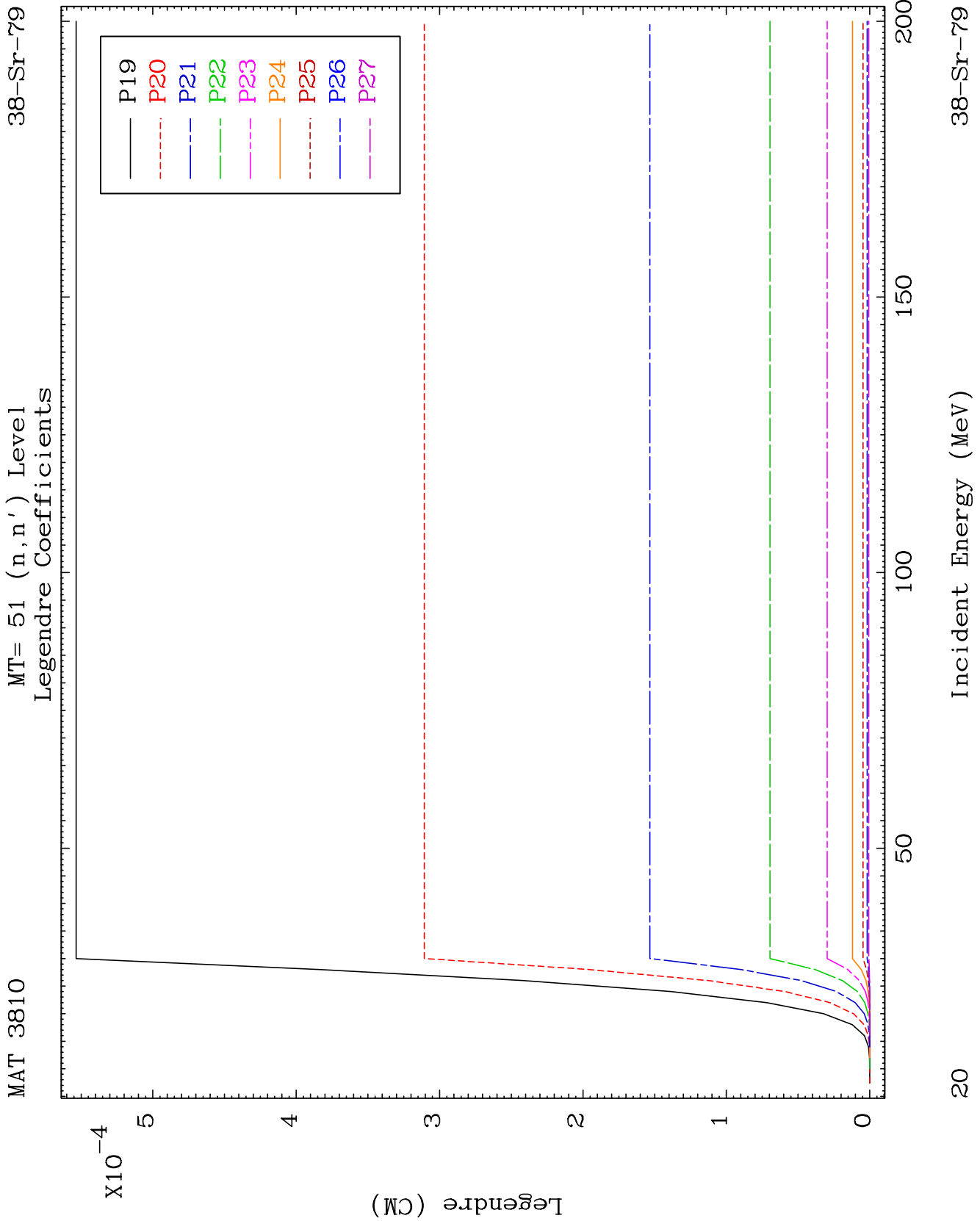
38-Sr-79



19

Incident Energy (MeV)

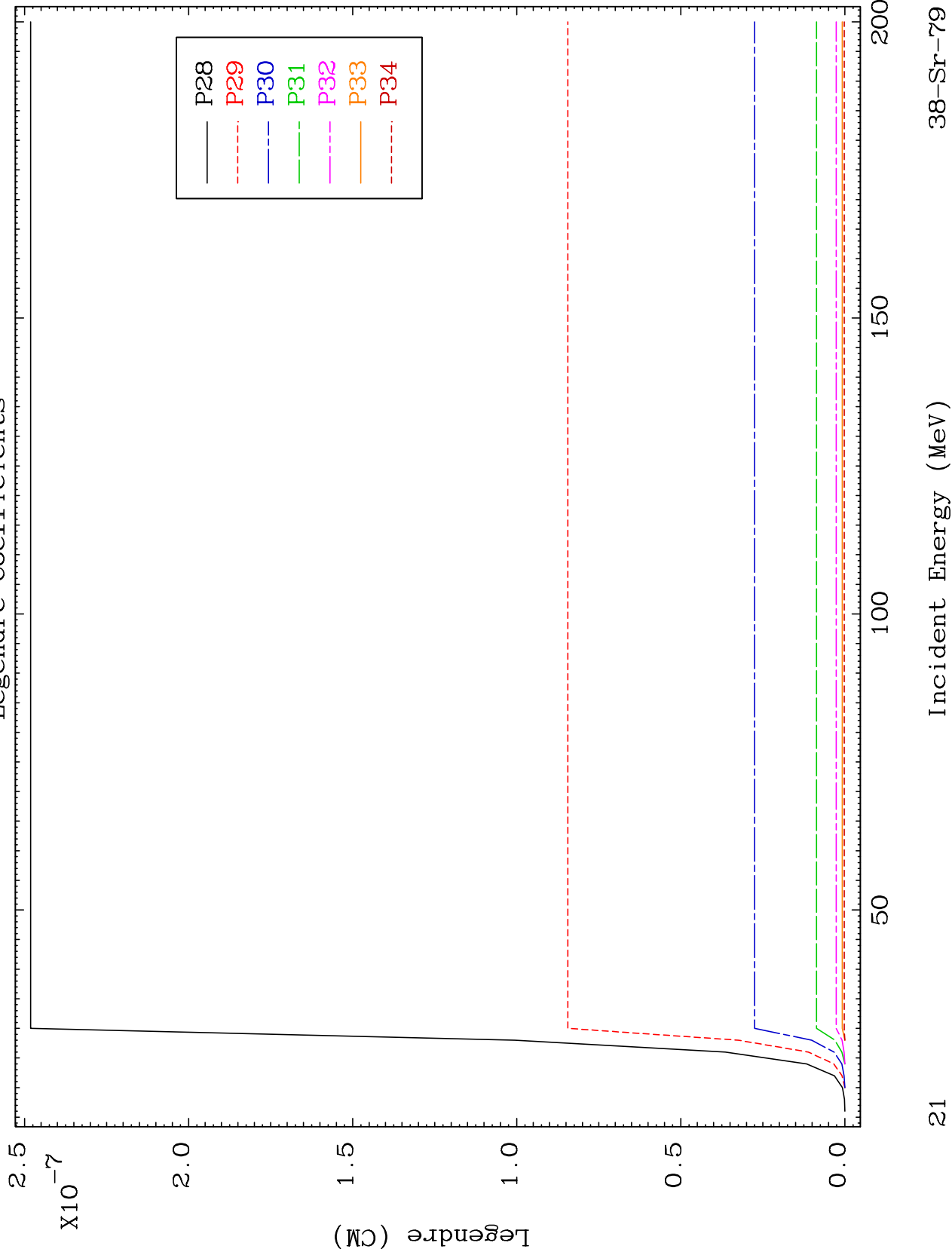
38-Sr-79



MAT 3810

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

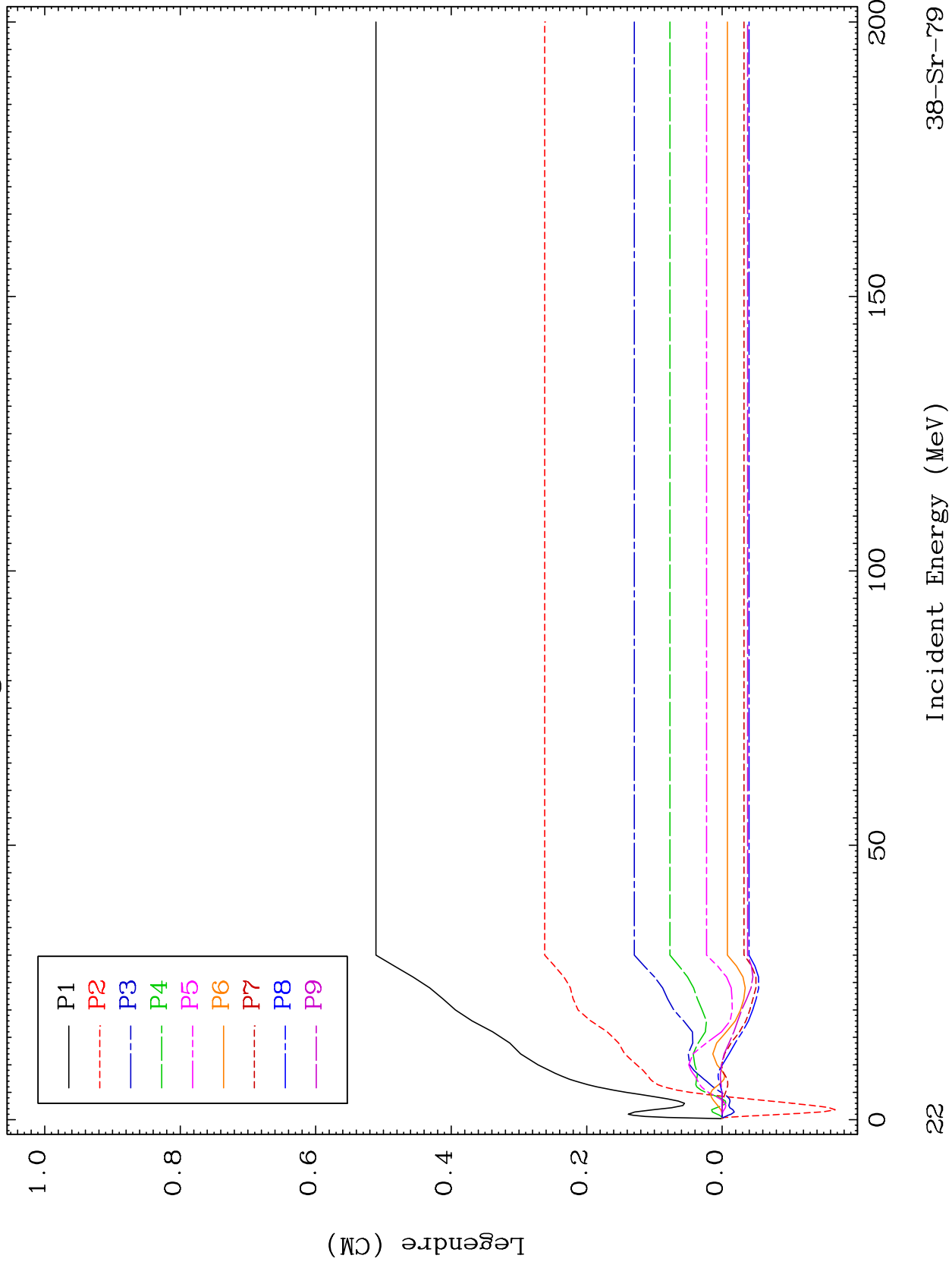
38-Sr-79



MAT 3810

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

38-Sr-79

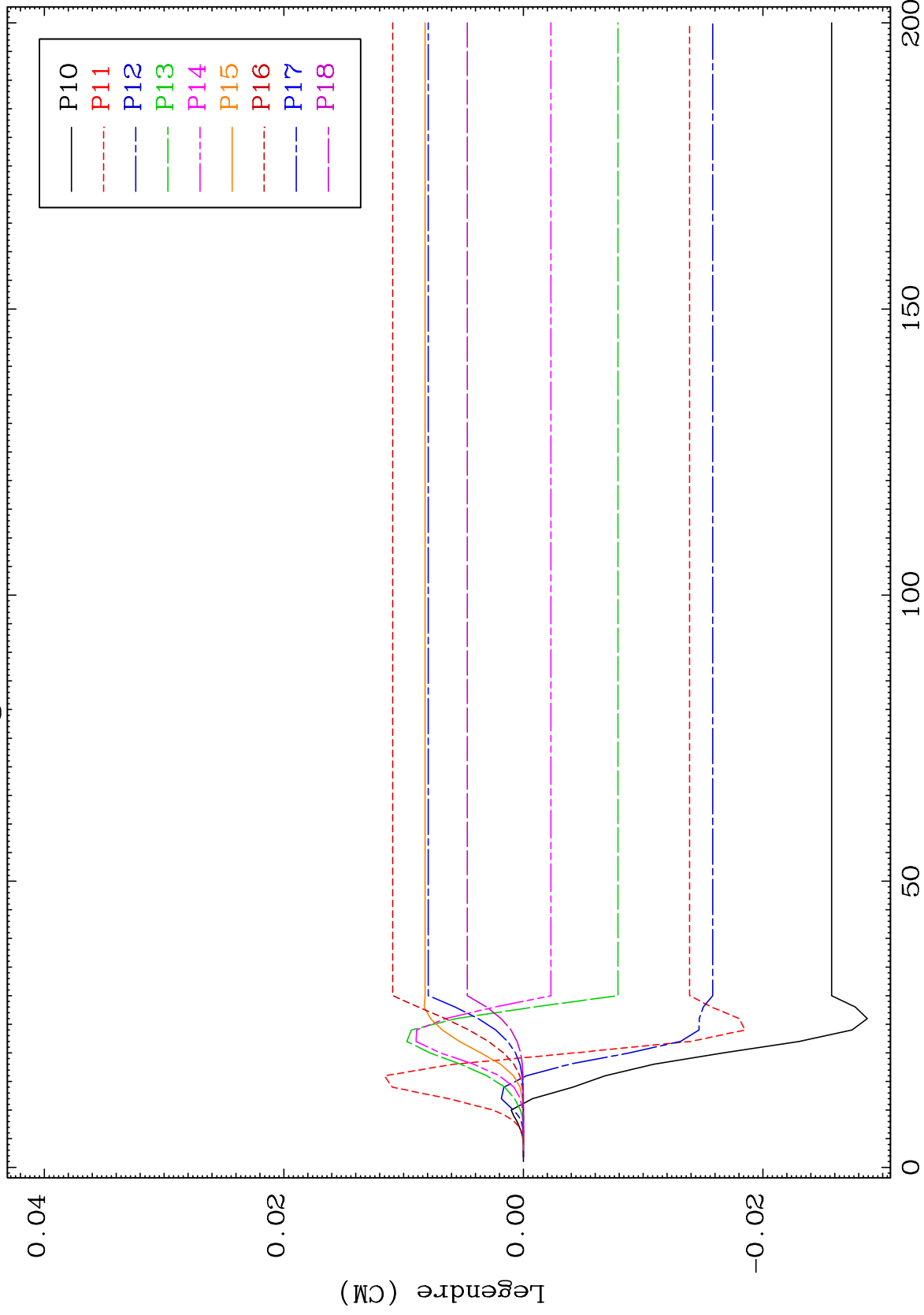


22

MAT 3810

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

38-Sr-79



23

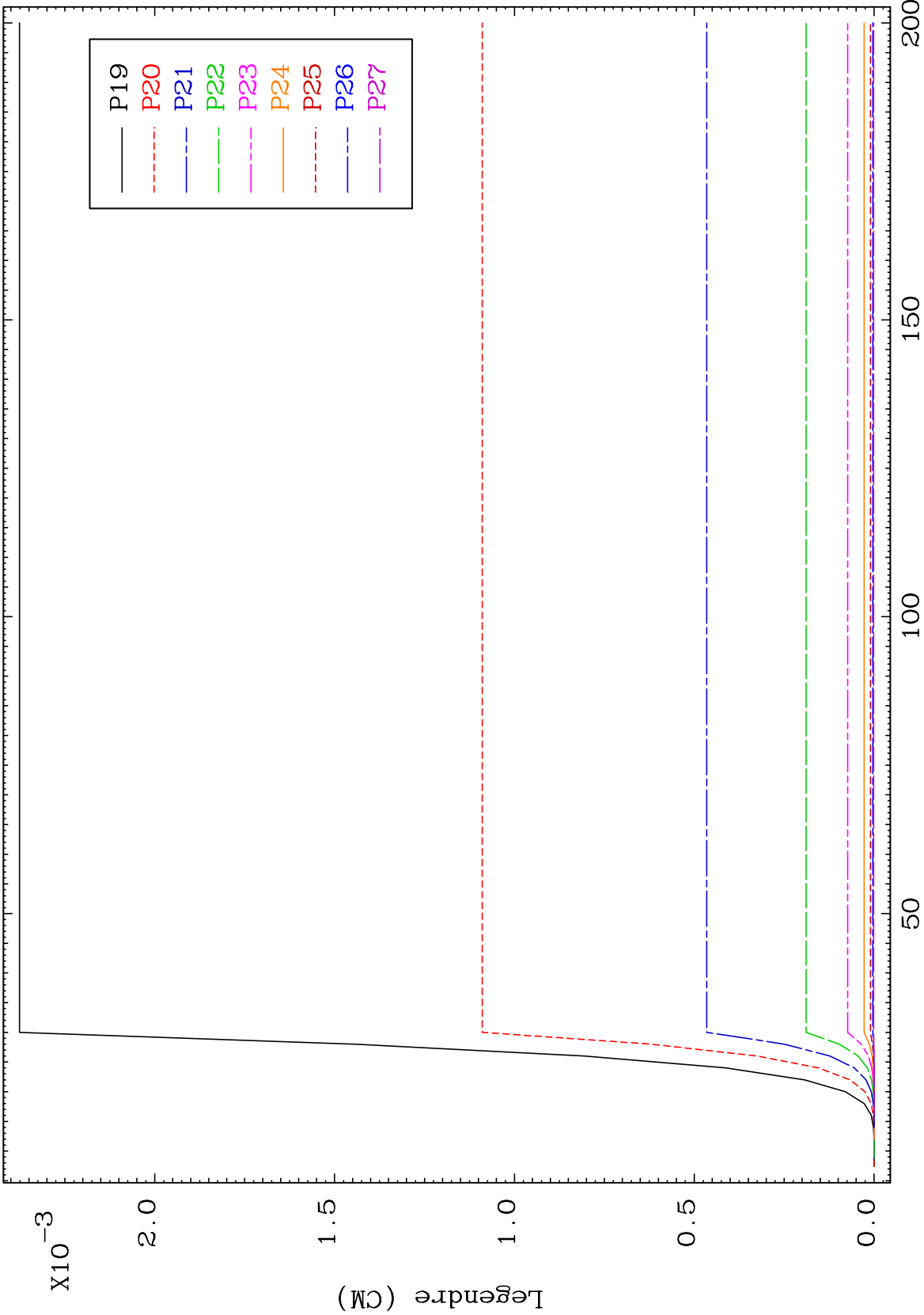
Incident Energy (MeV)

38-Sr-79

MAT 3810

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

38-Sr-79



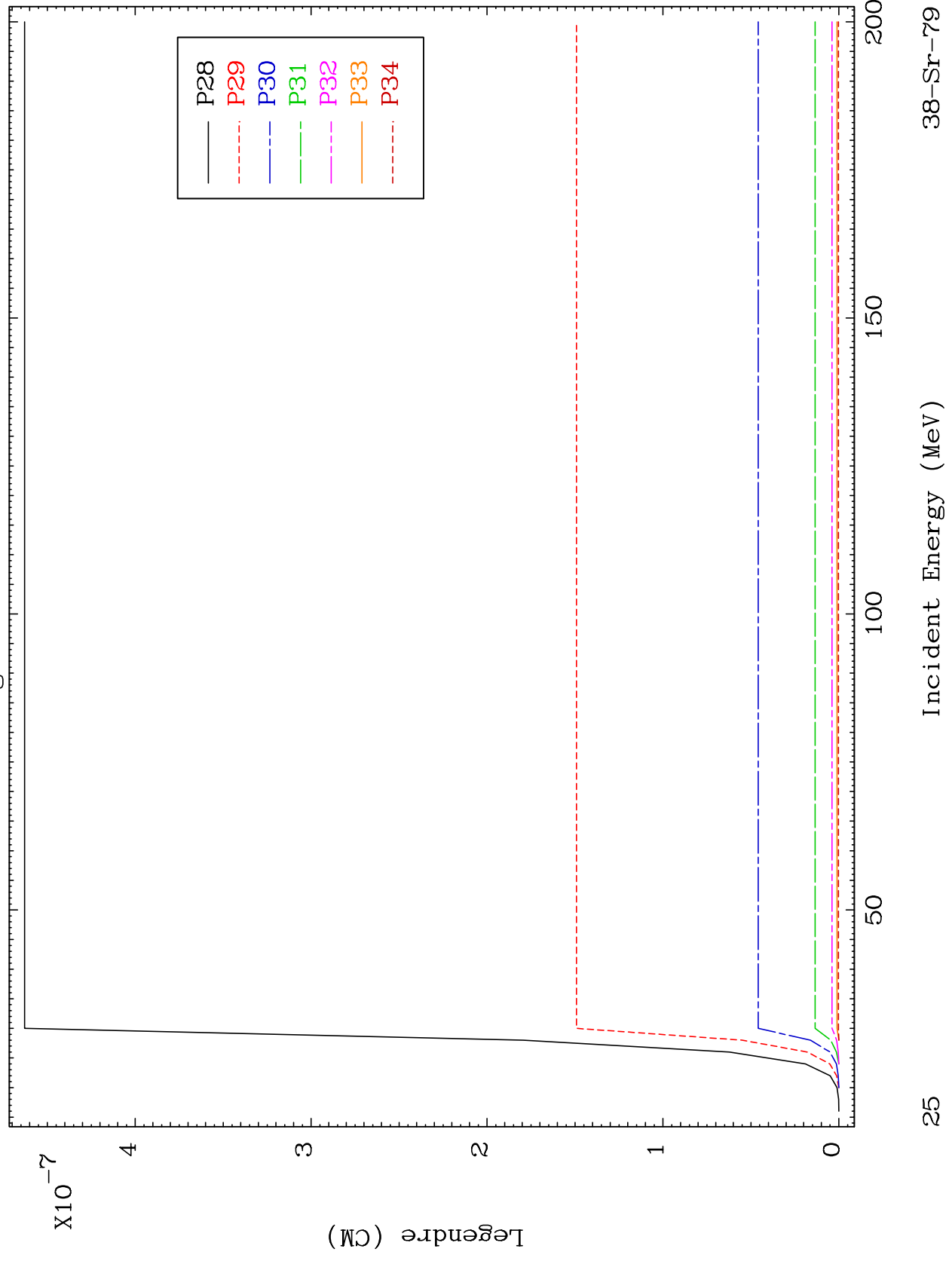
24

38-Sr-79

MAT 3810

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

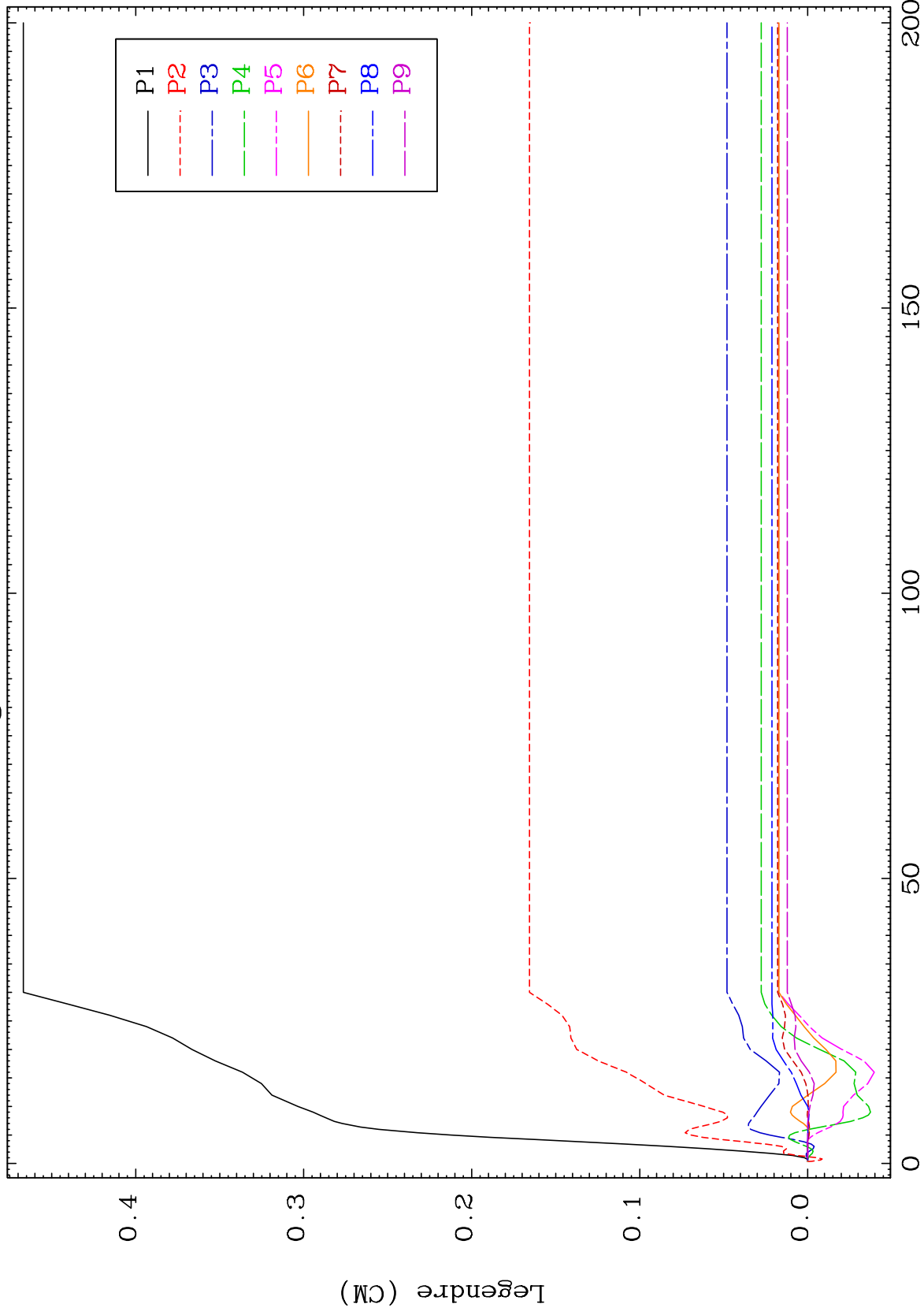
38-Sr-79



MAT 3810

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

38-Sr-79



26

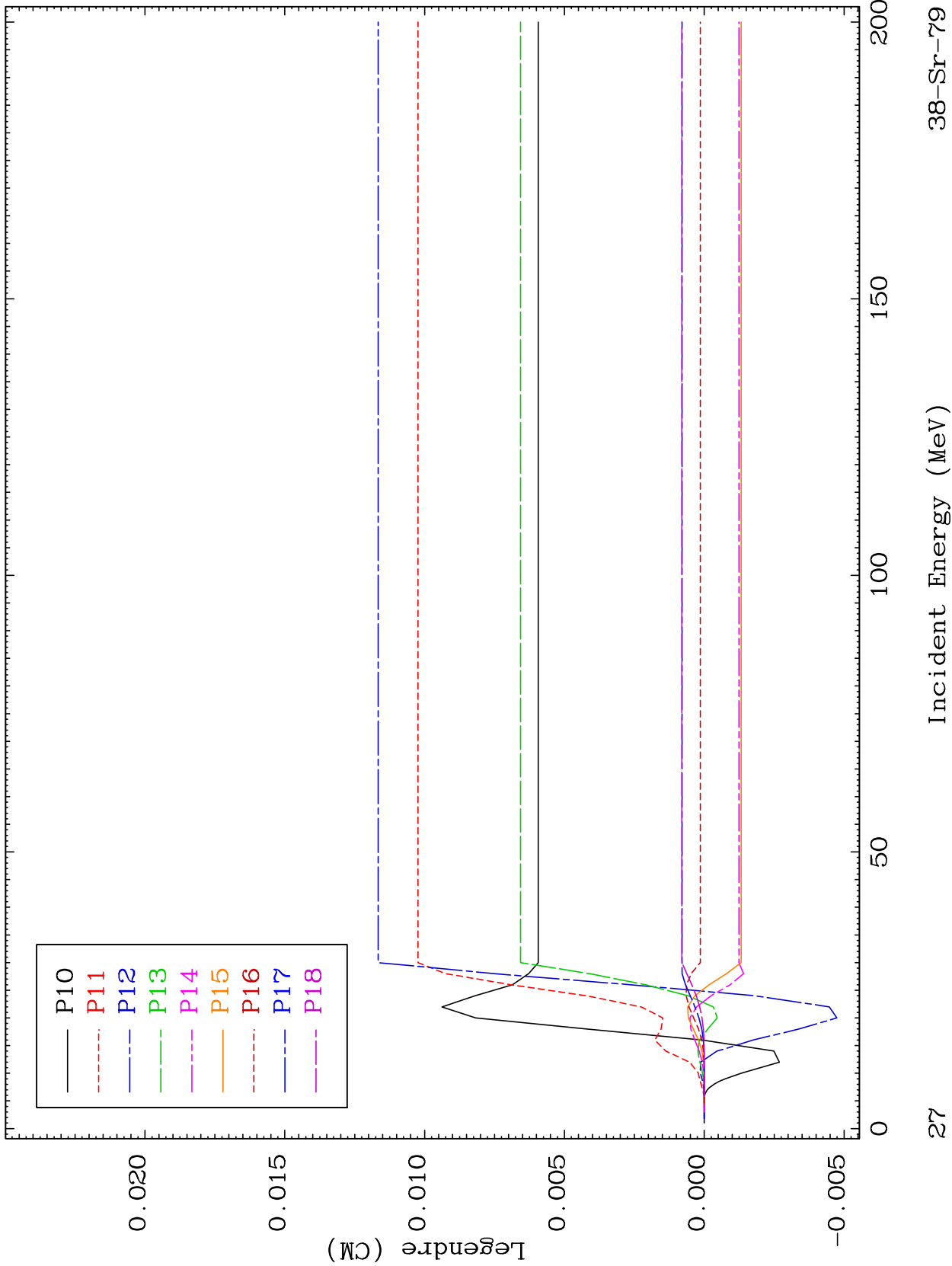
Incident Energy (MeV)

38-Sr-79

MAT 3810

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

38-Sr-79



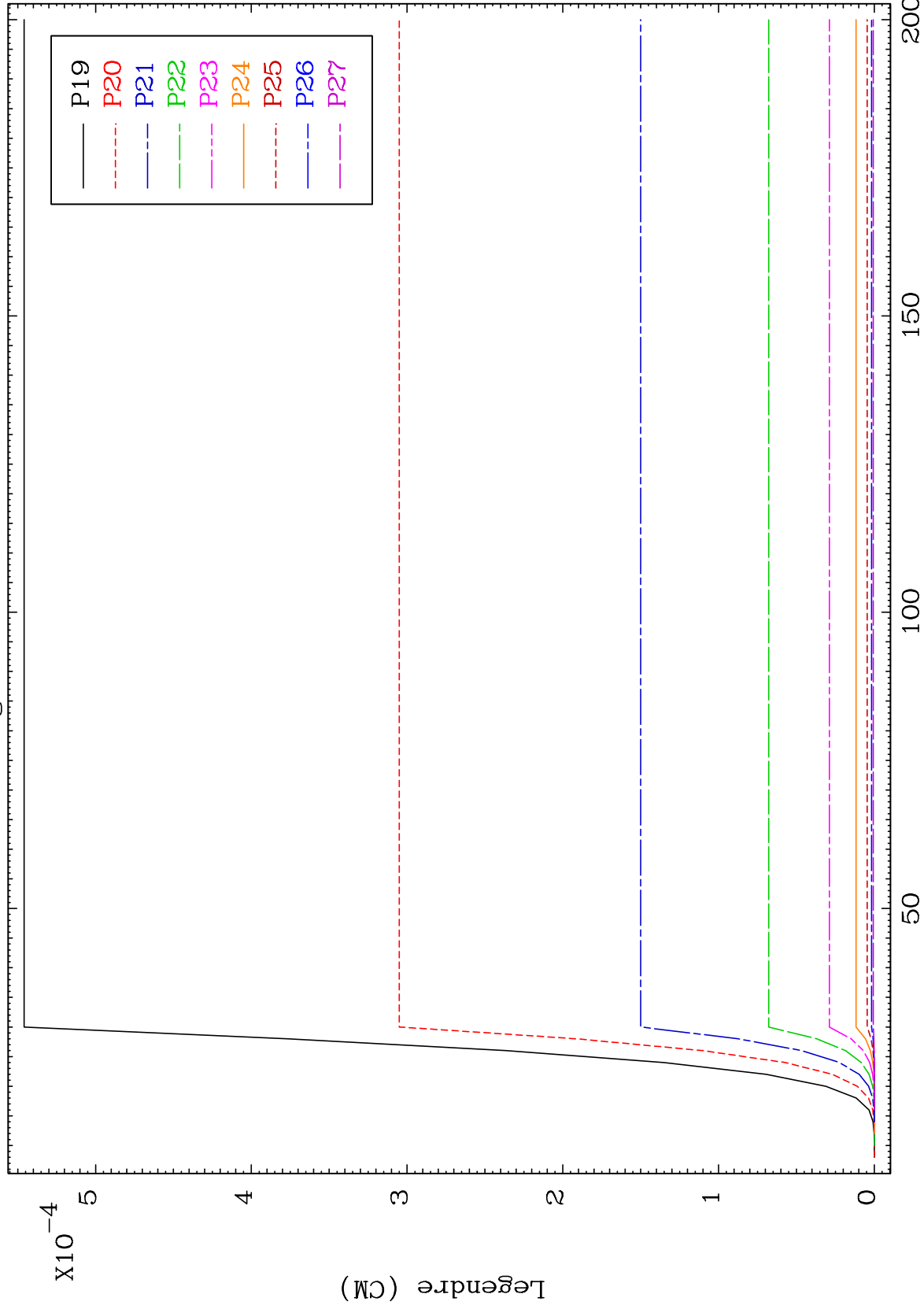
27

38-Sr-79

MAT 3810

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

38-Sr-79



28

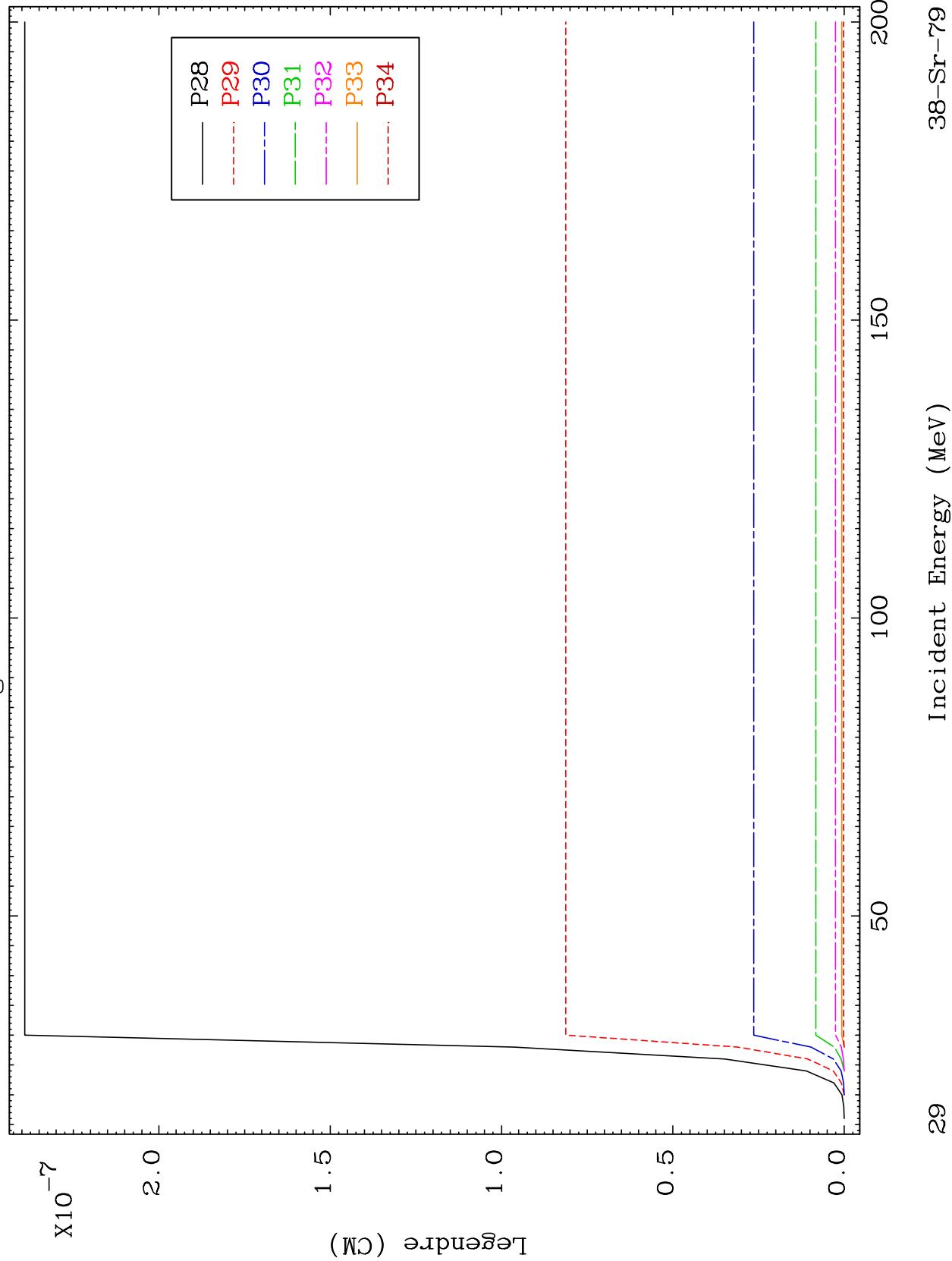
Incident Energy (MeV)

38-Sr-79

MAT 3810

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

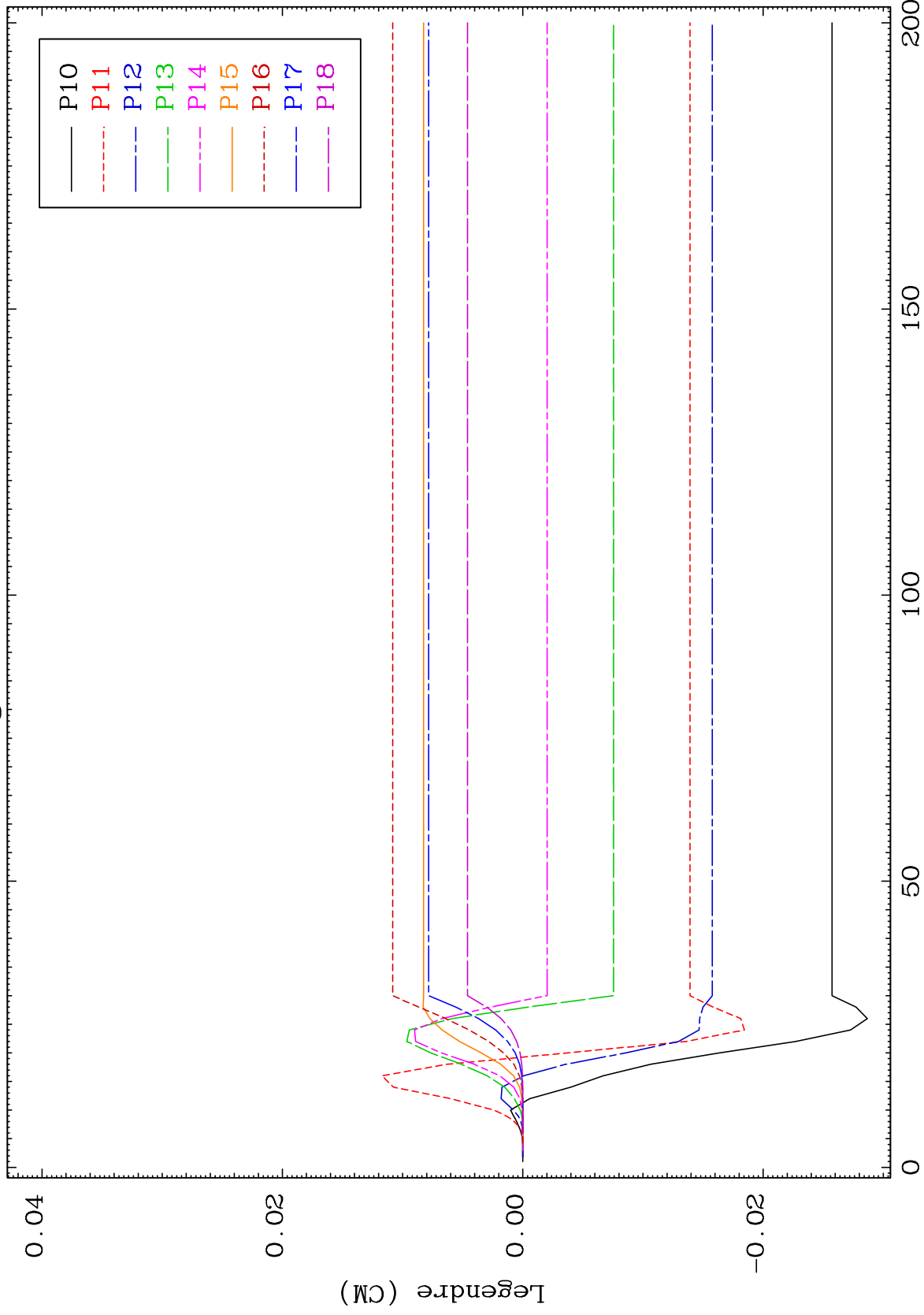
38-Sr-79



MAT 3810

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

38-Sr-79



31

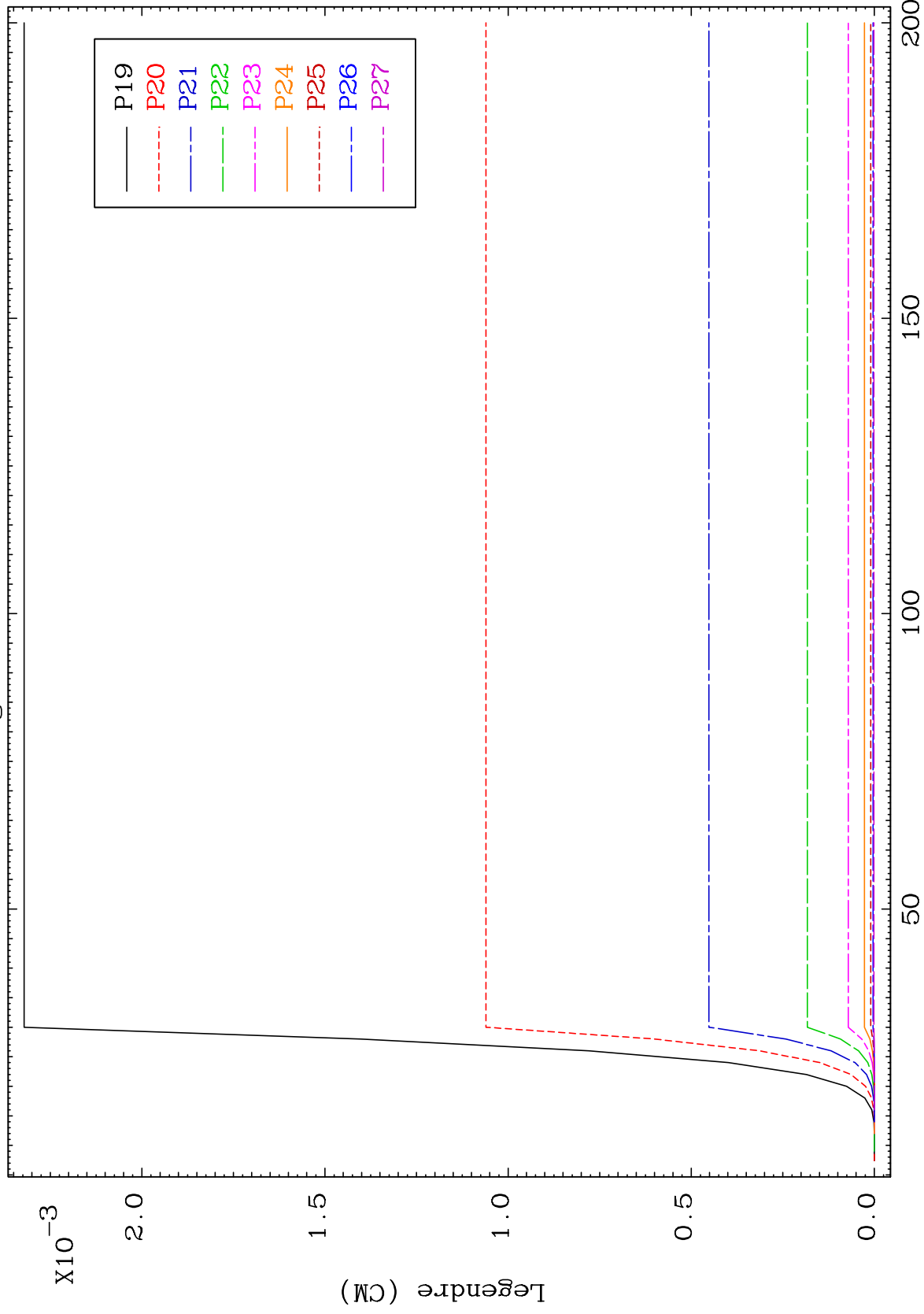
Incident Energy (MeV)

38-Sr-79

MAT 3810

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

38-Sr-79



32

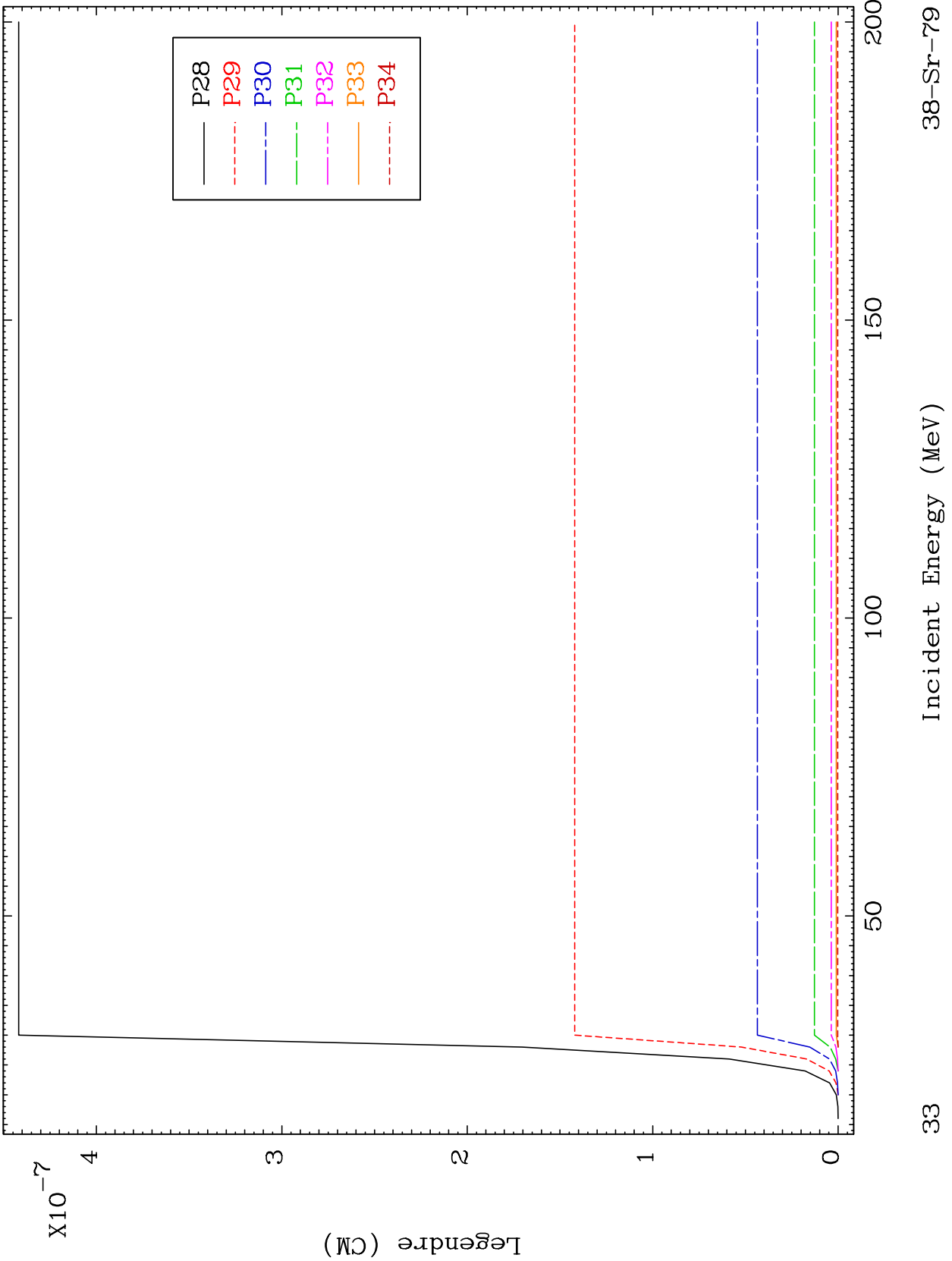
Incident Energy (MeV)

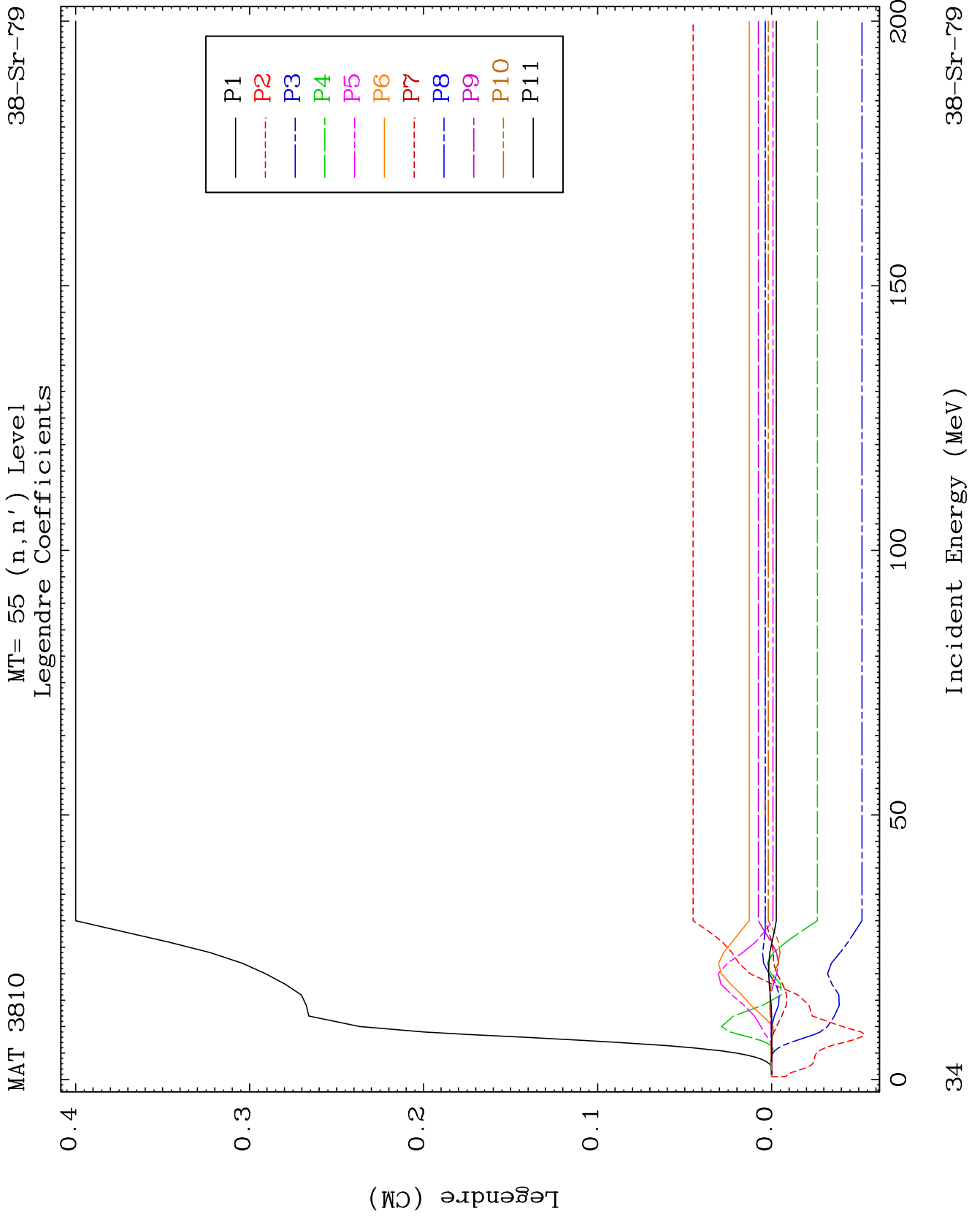
38-Sr-79

MAT 3810

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

38-Sr-79

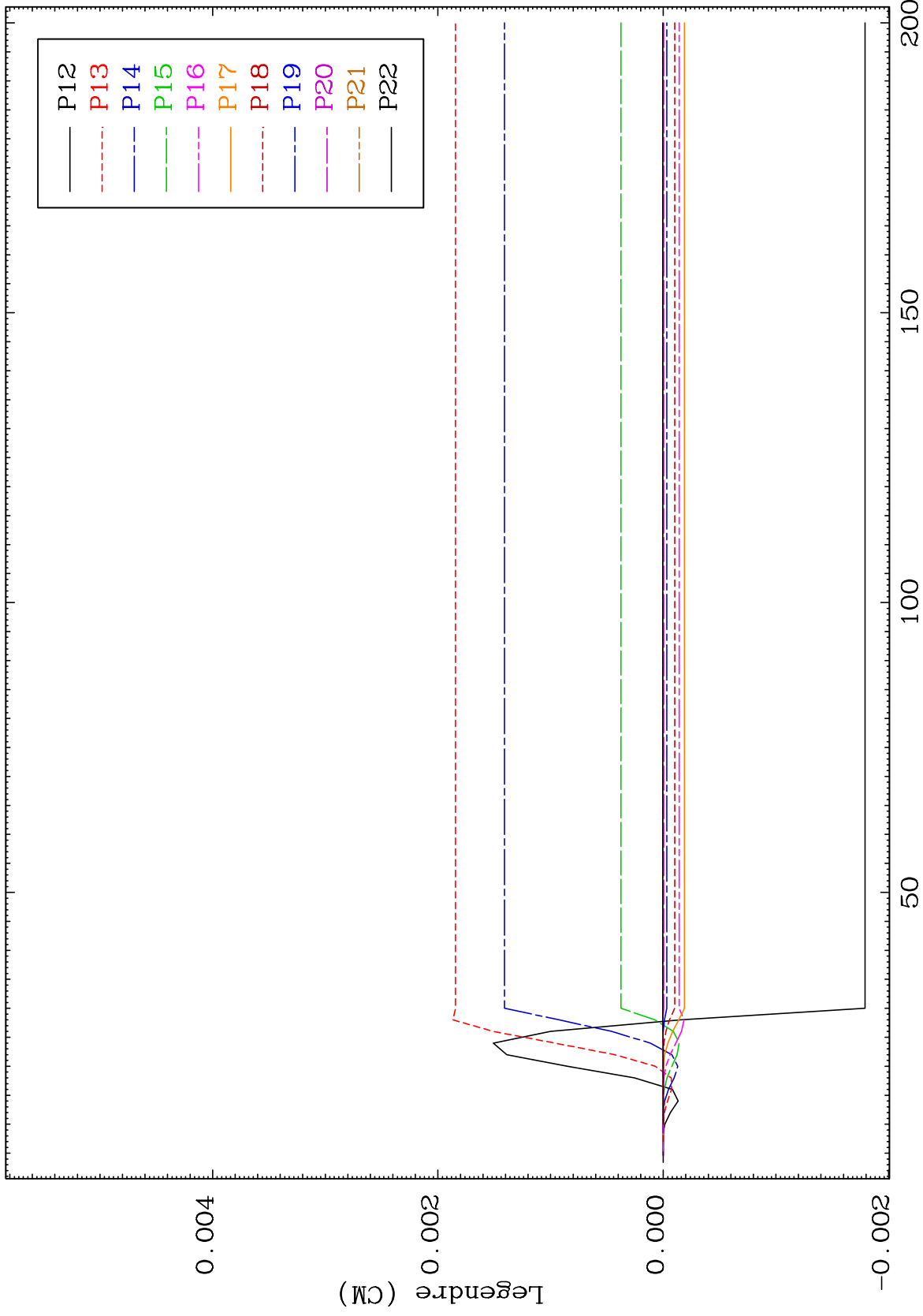




MAT 3810

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

38-Sr-79



35

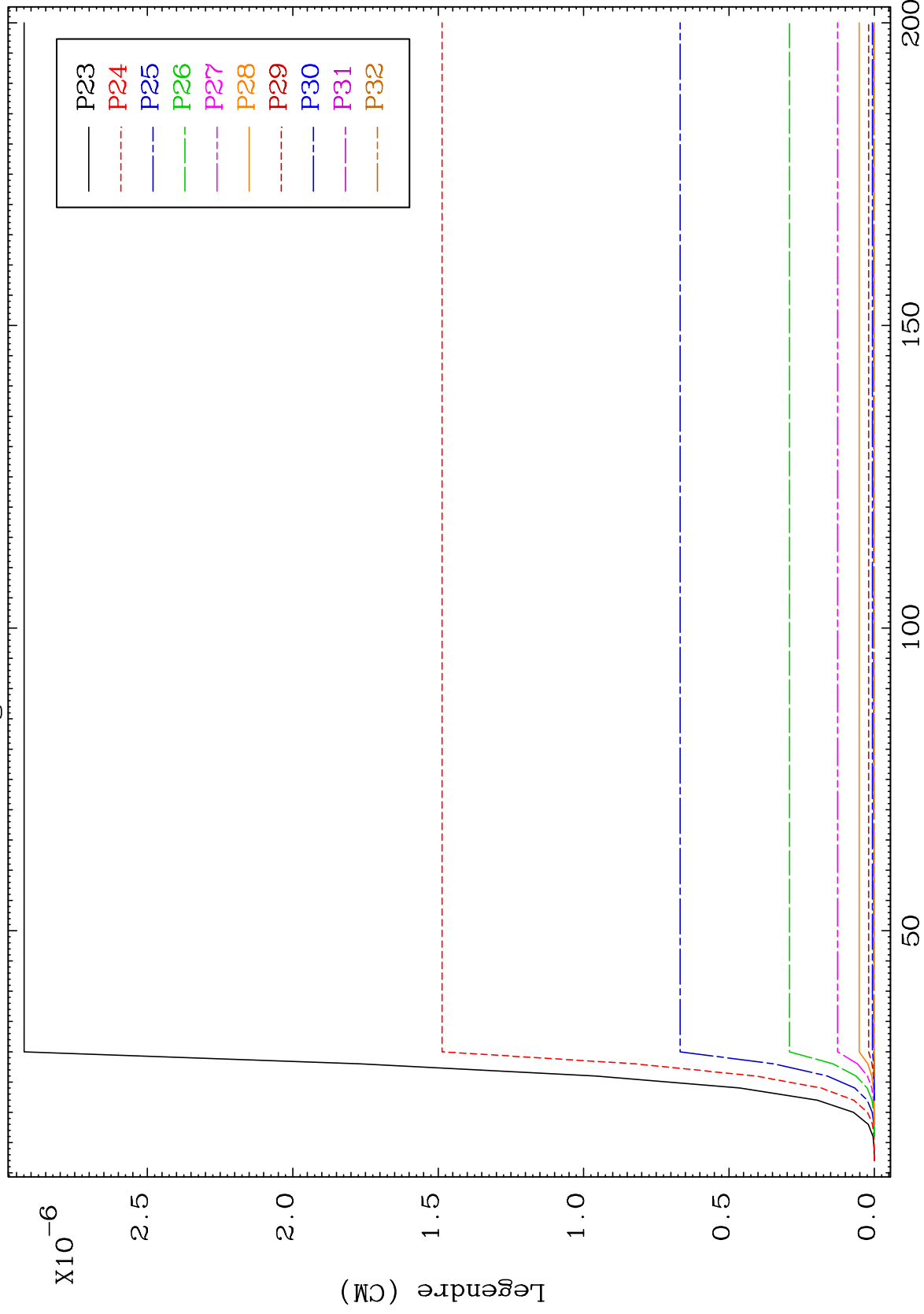
Incident Energy (MeV)

38-Sr-79

MAT 3810

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

38-Sr-79



36

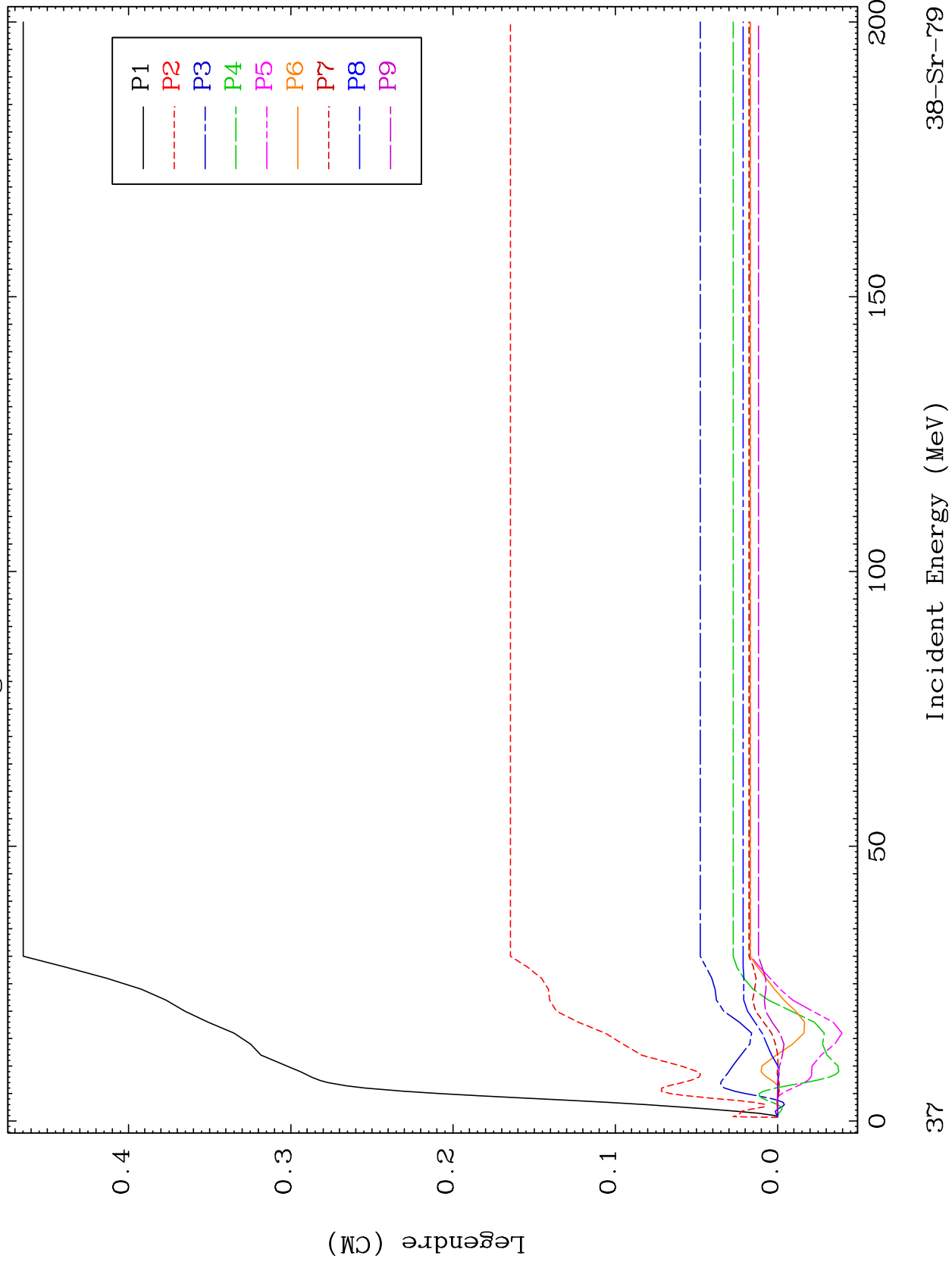
Incident Energy (MeV)

38-Sr-79

MAT 3810

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

38-Sr-79



38-Sr-79

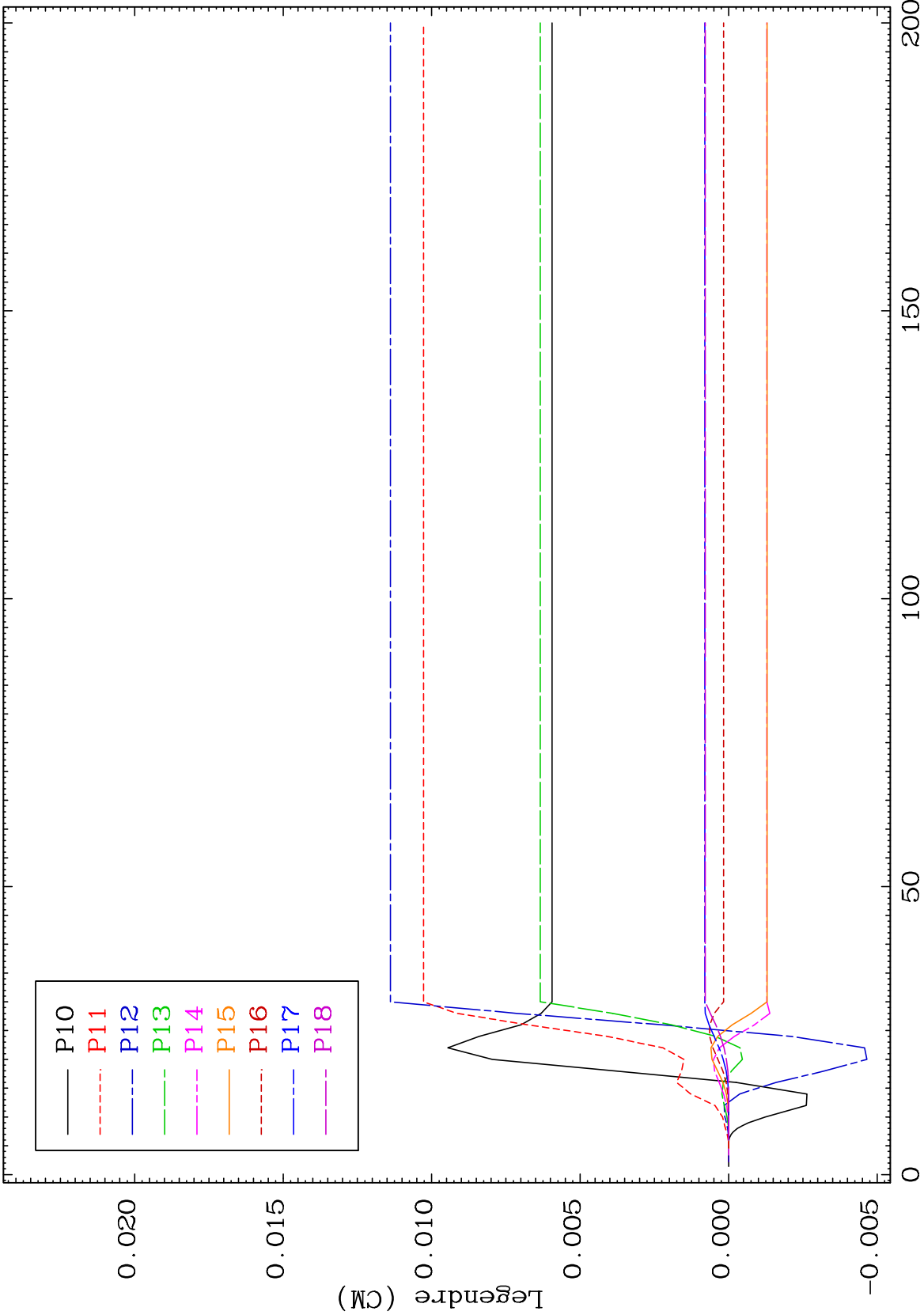
Incident Energy (MeV)

37

MAT 3810

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

38-Sr-79



38

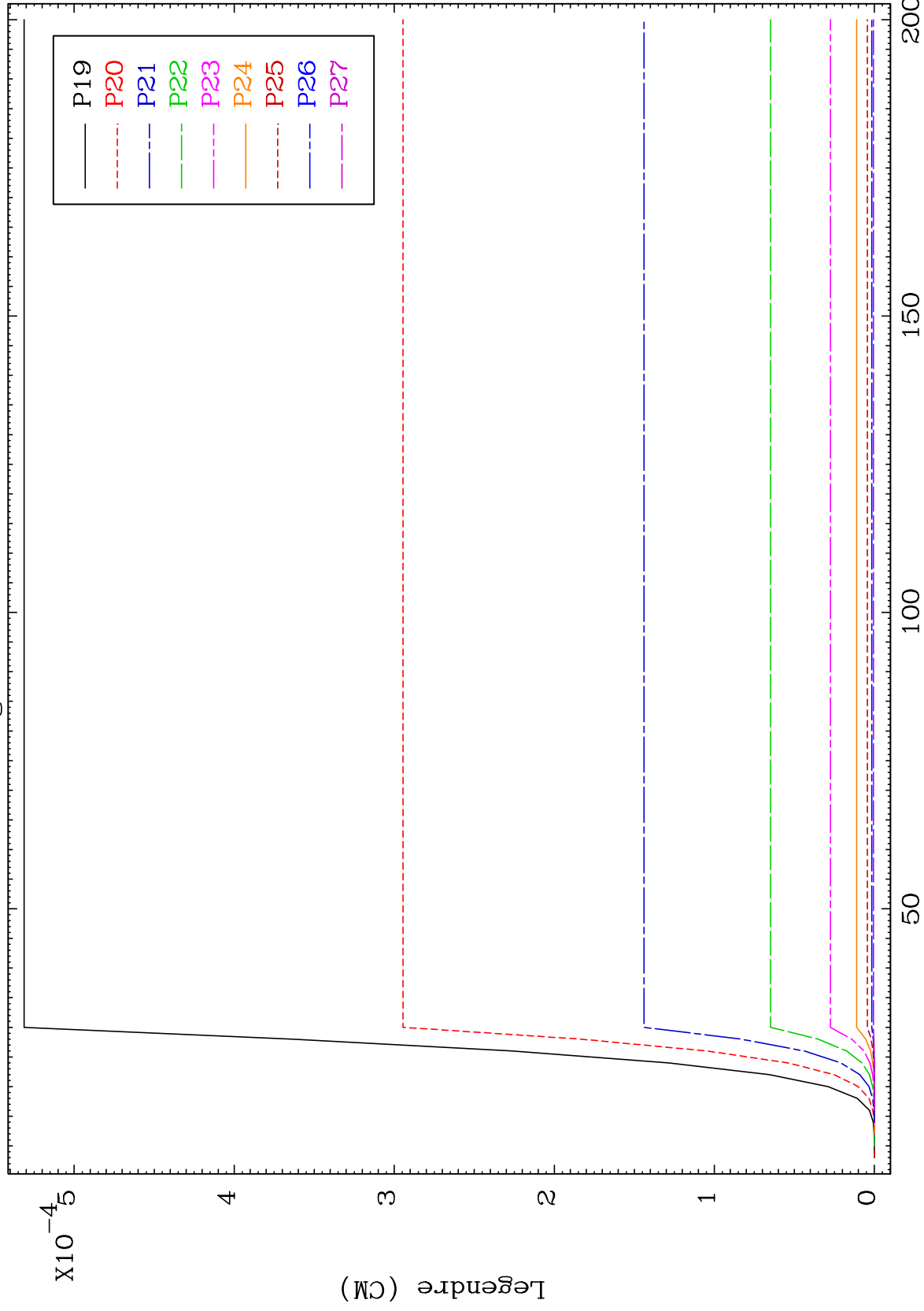
Incident Energy (MeV)

38-Sr-79

MAT 3810

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

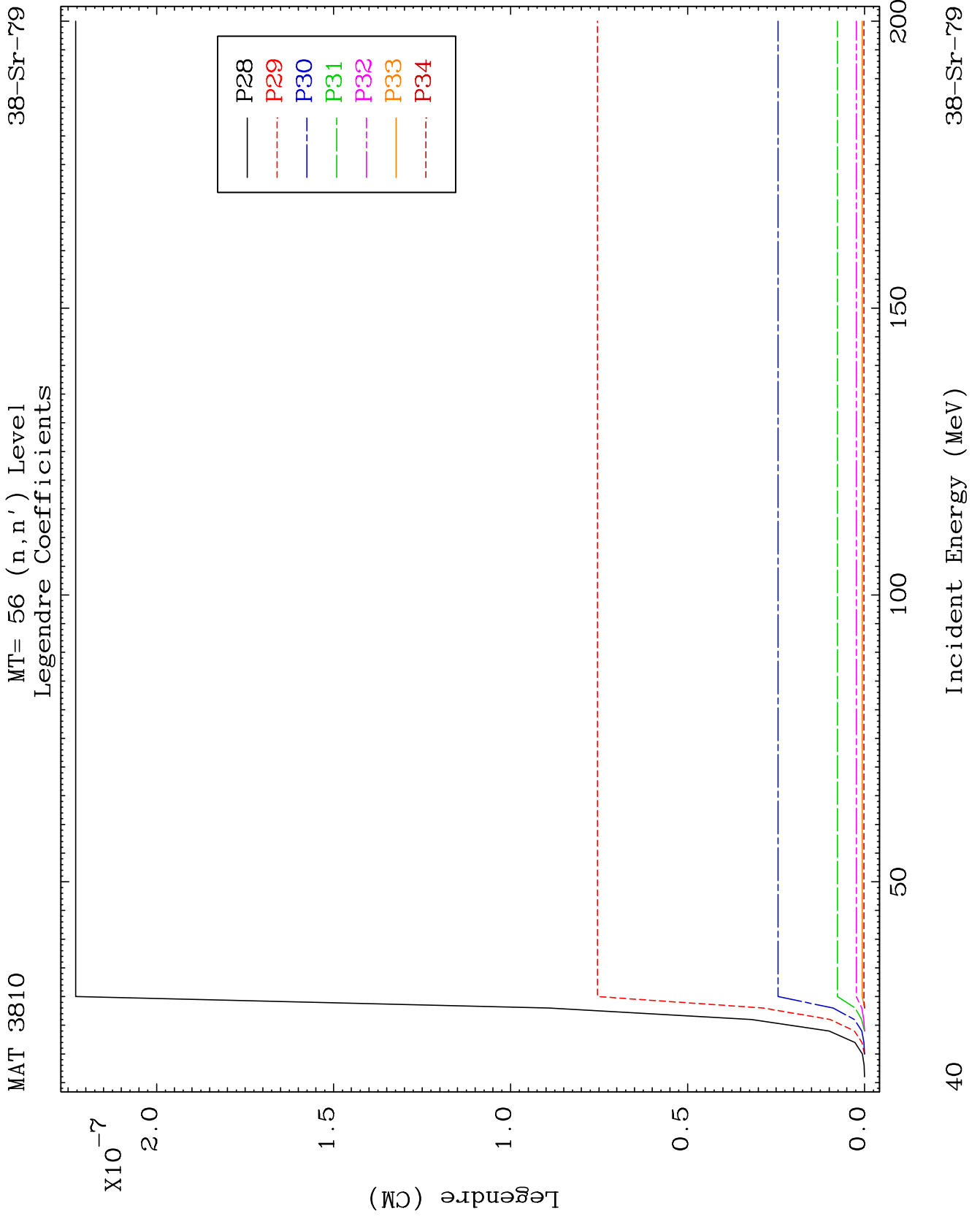
38-Sr-79



39

Incident Energy (MeV)

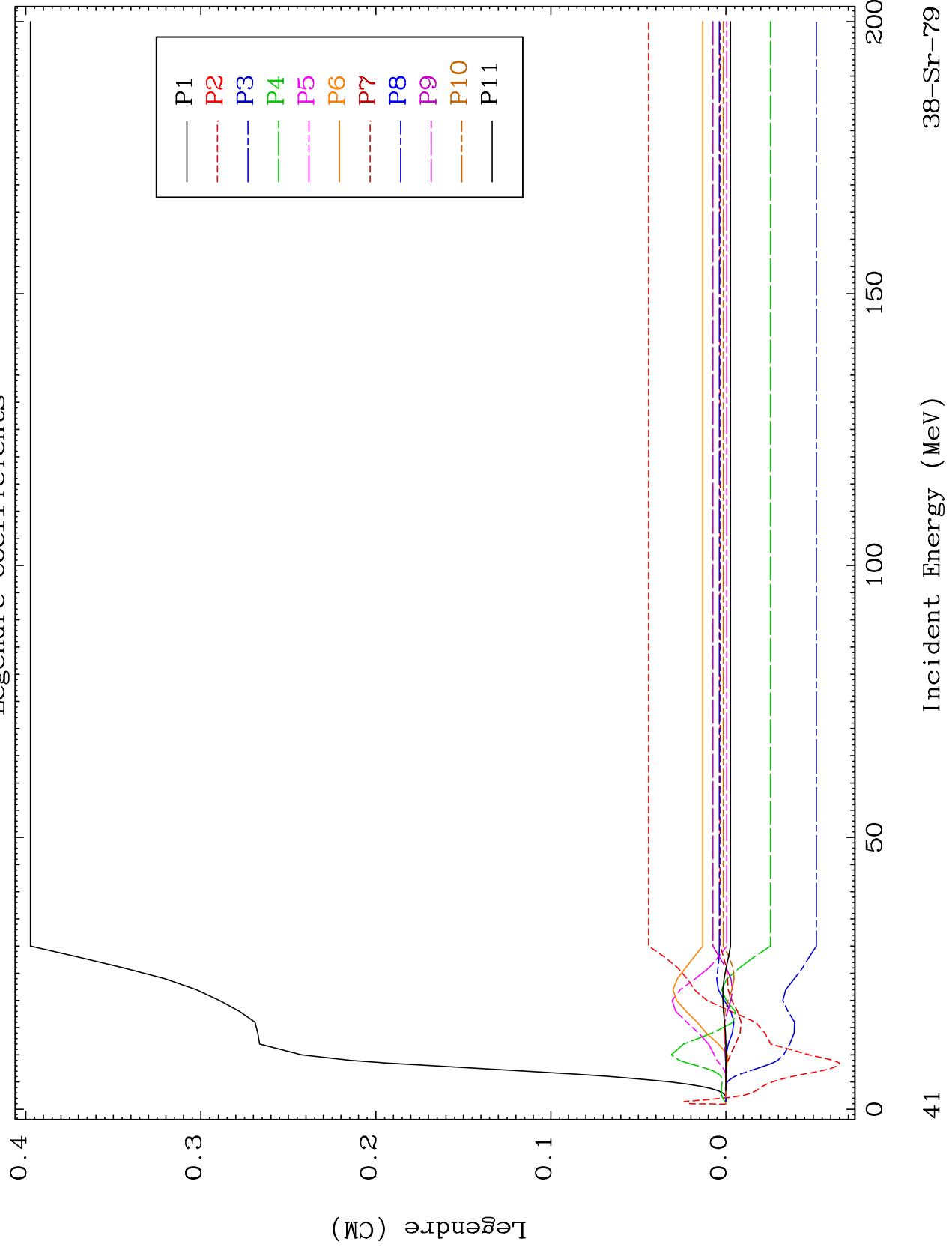
38-Sr-79



MAT 3810

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

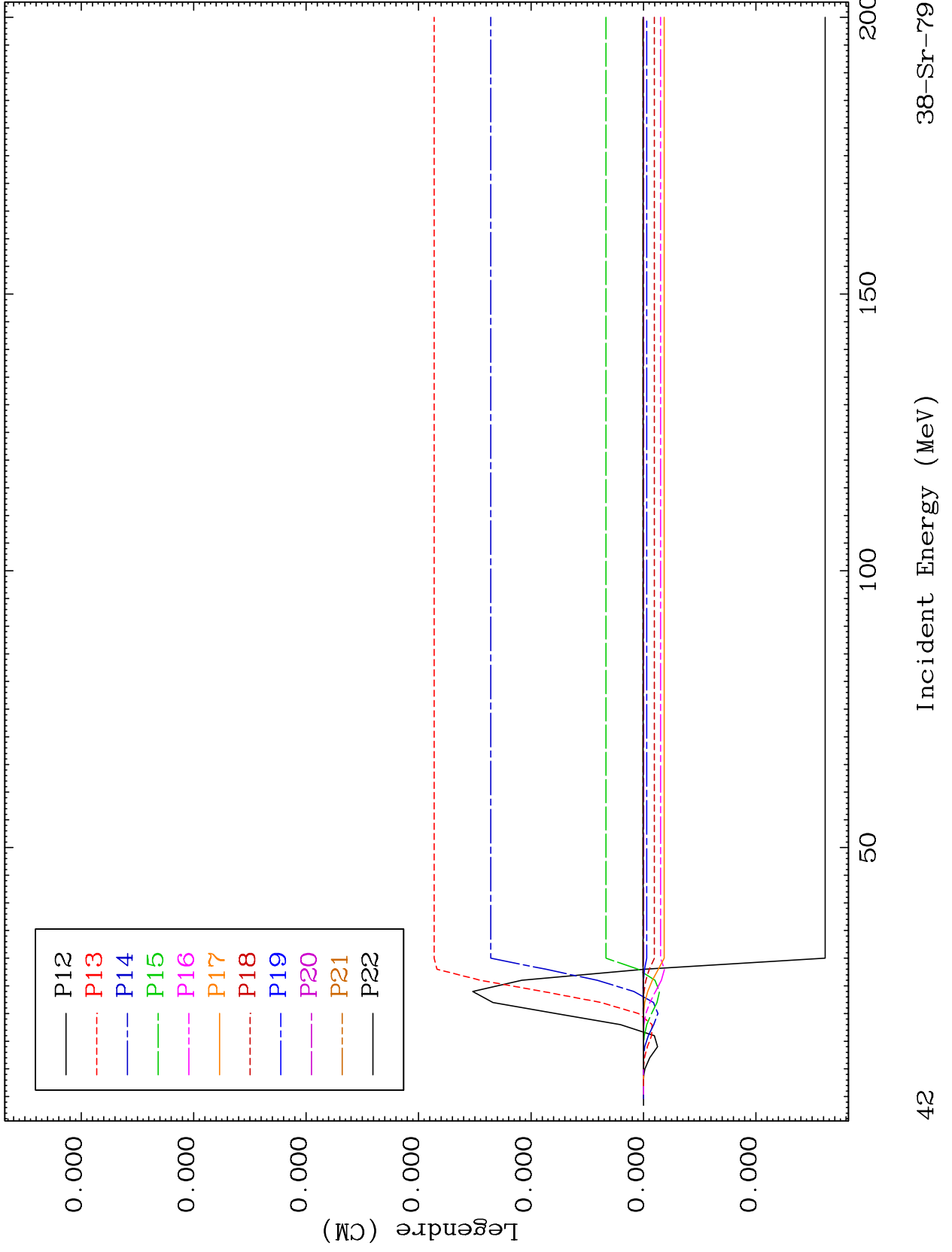
38-Sr-79



38-Sr-79

Incident Energy (MeV)

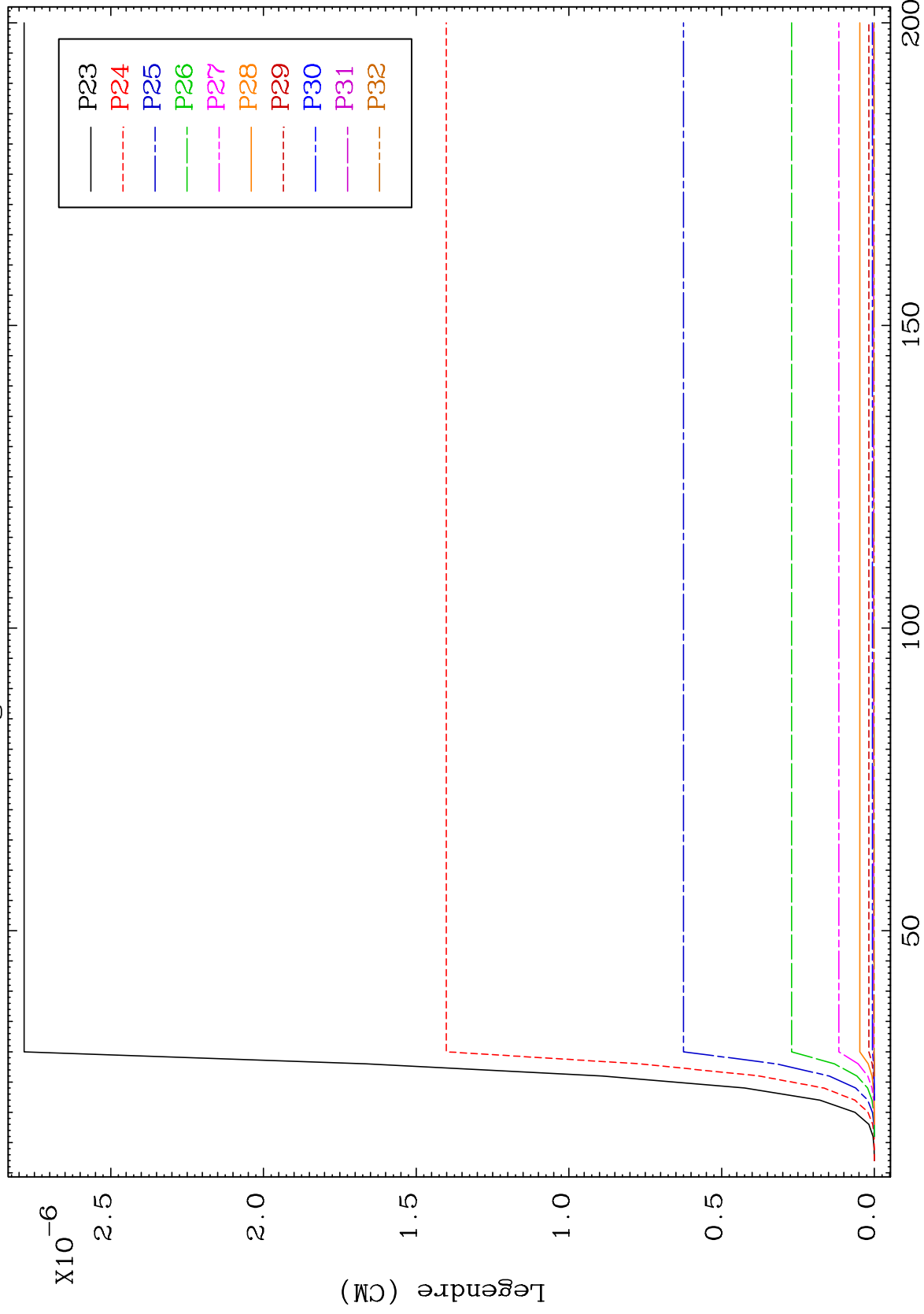
41



MAT 3810

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

38-Sr-79



43

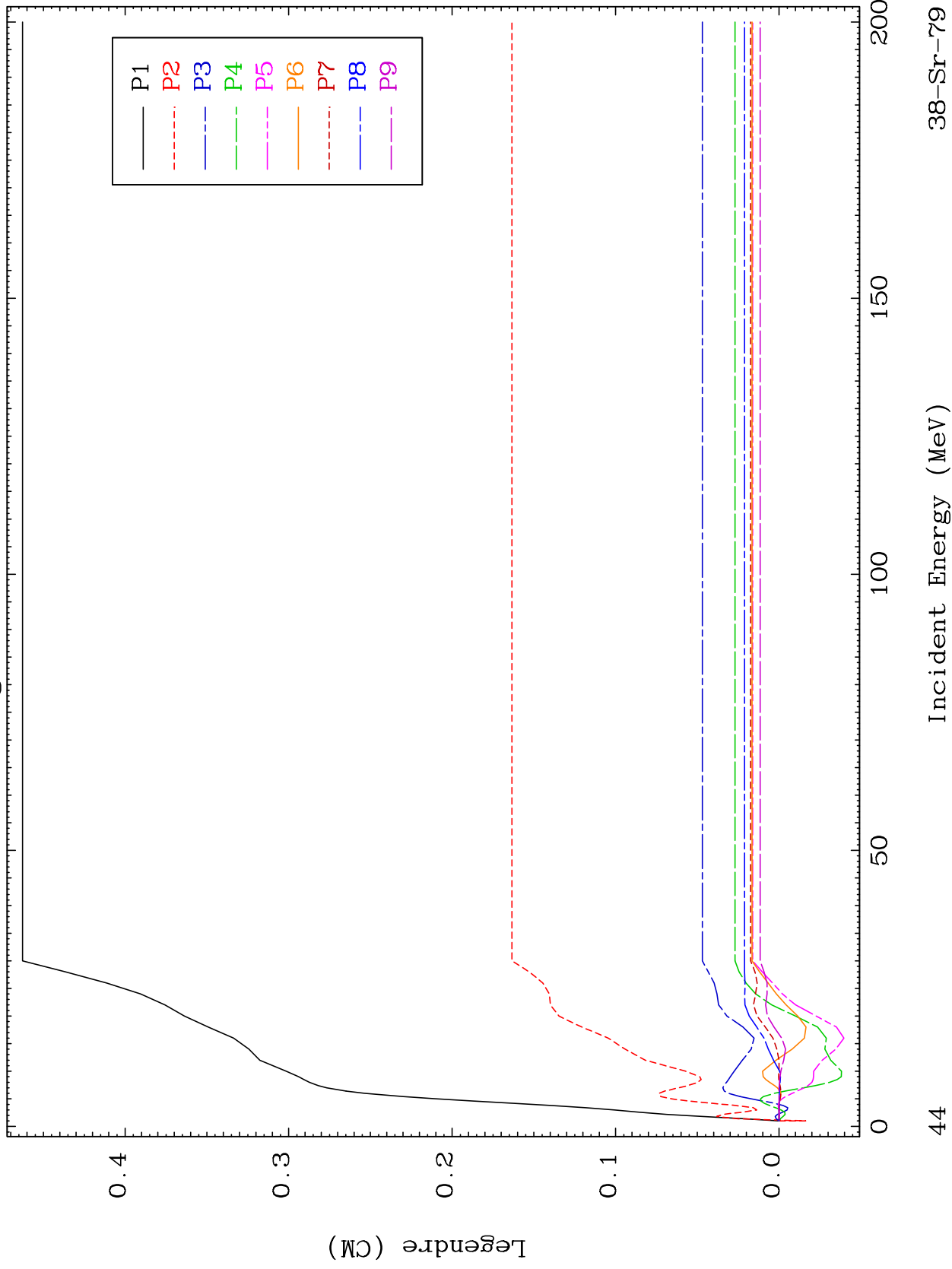
Incident Energy (MeV)

38-Sr-79

MAT 3810

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

38-Sr-79



44

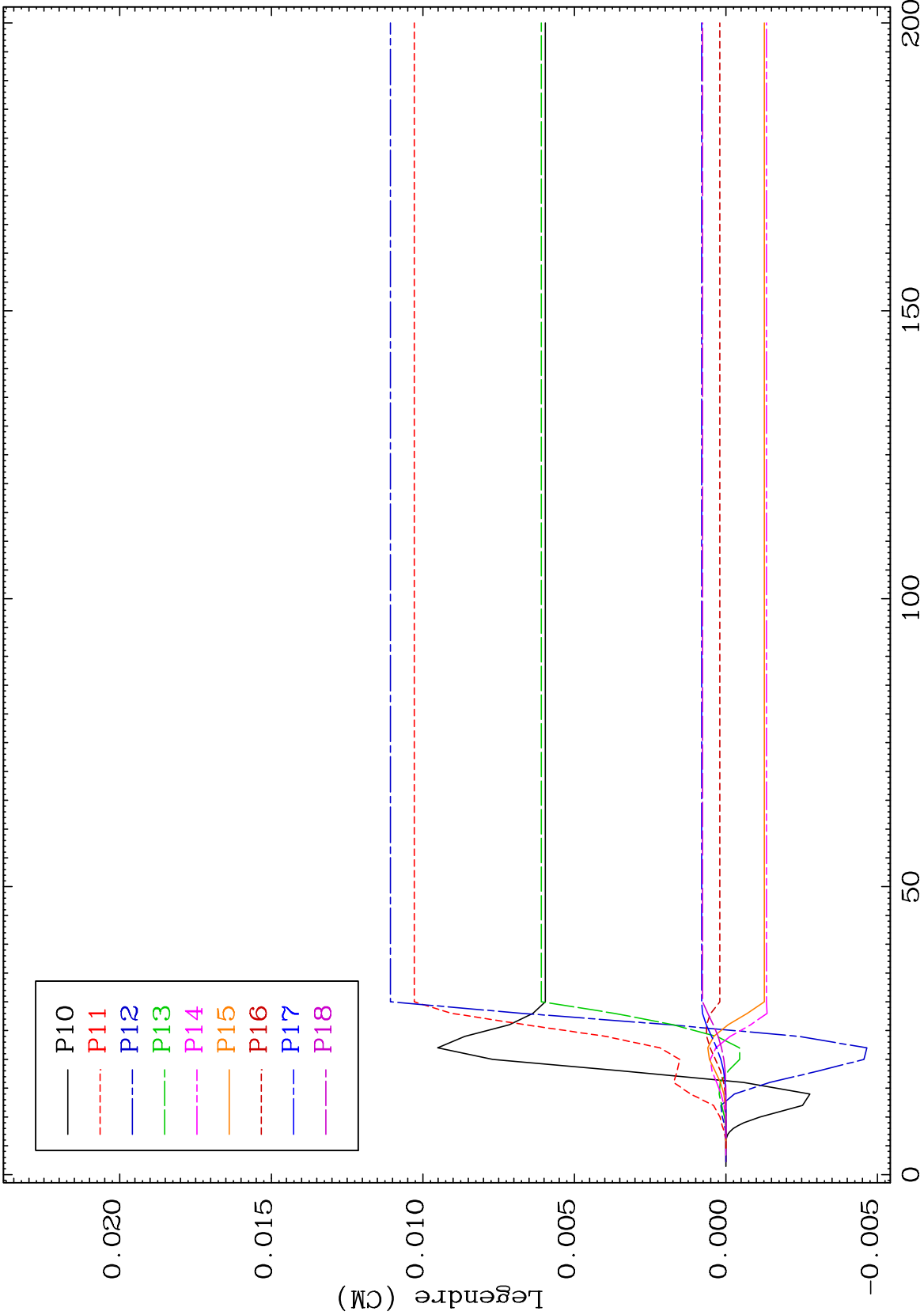
Incident Energy (MeV)

38-Sr-79

MAT 3810

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

38-Sr-79



45

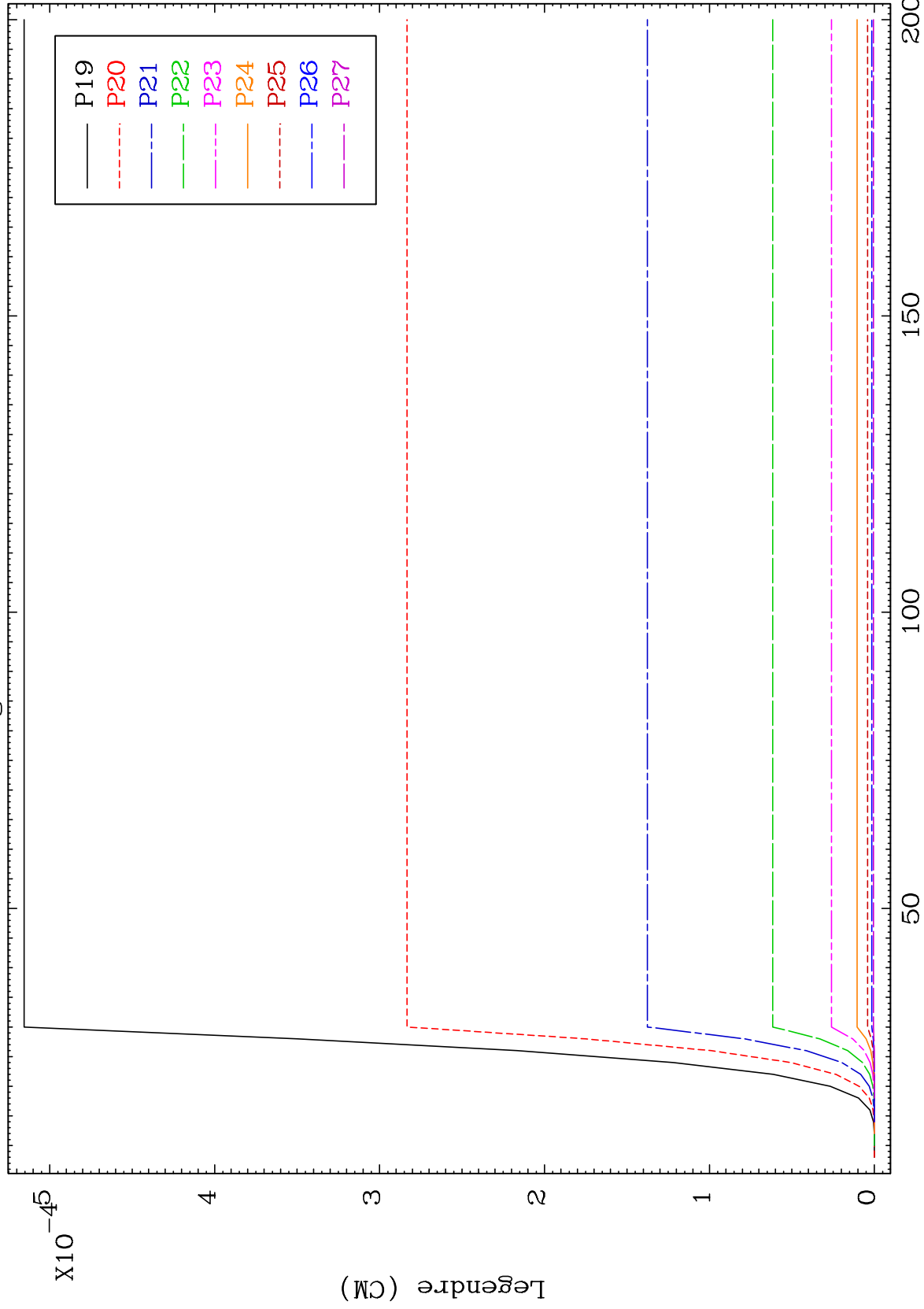
Incident Energy (MeV)

38-Sr-79

MAT 3810

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

38-Sr-79



46

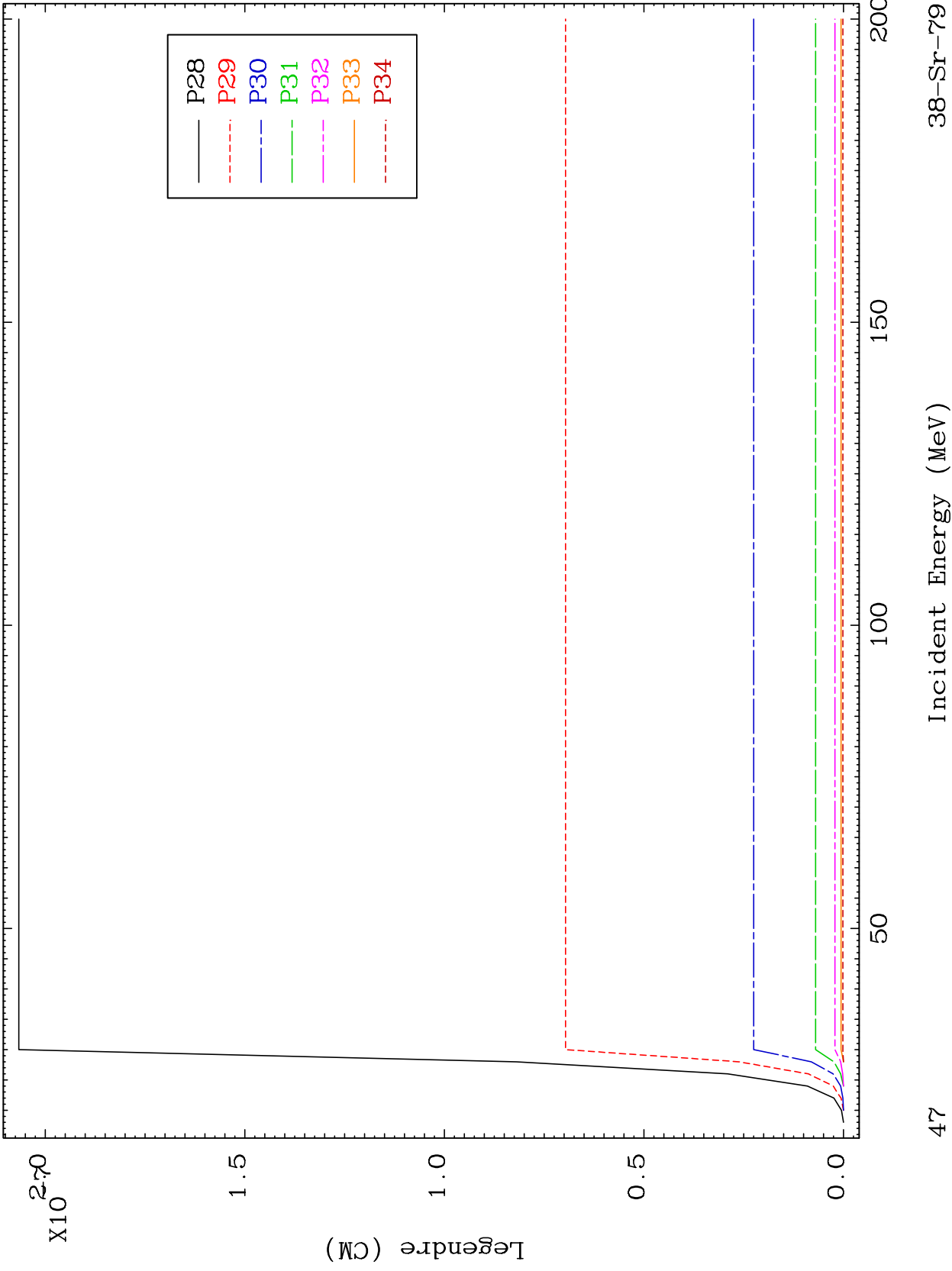
Incident Energy (MeV)

38-Sr-79

MAT 3810

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

38-Sr-79



47

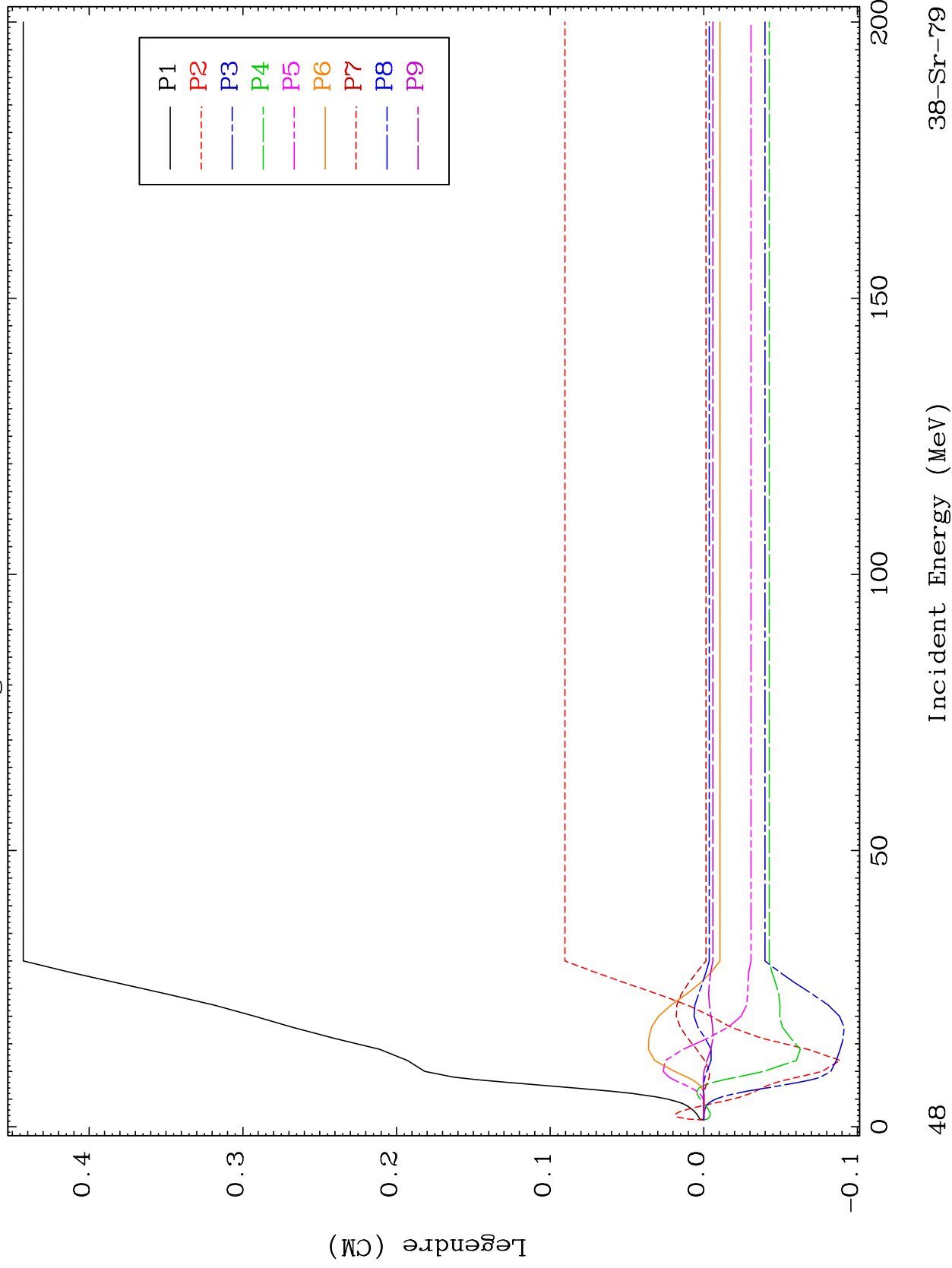
Incident Energy (MeV)

38-Sr-79

MAT 3810

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

38-Sr-79



38-Sr-79

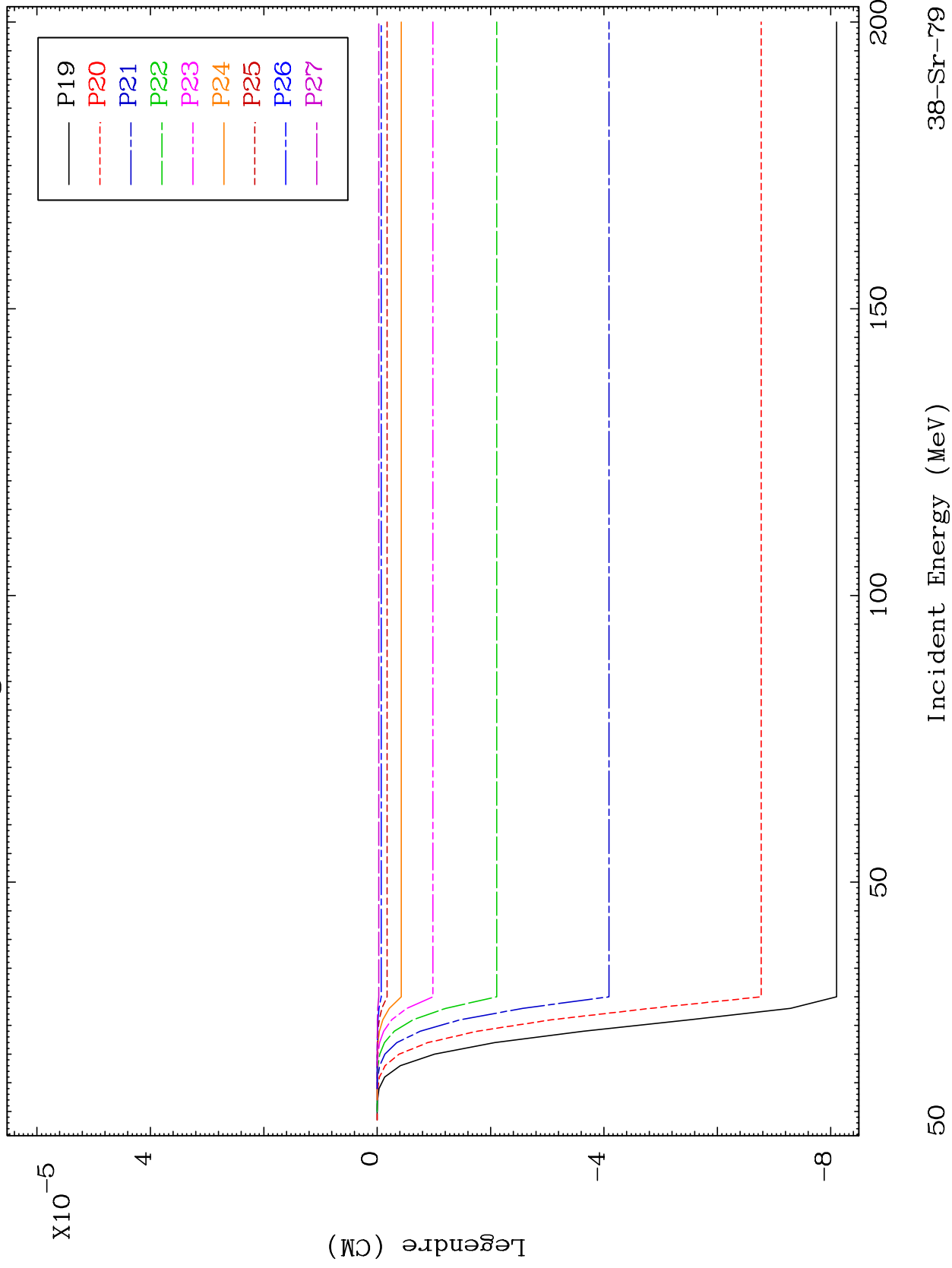
Incident Energy (MeV)

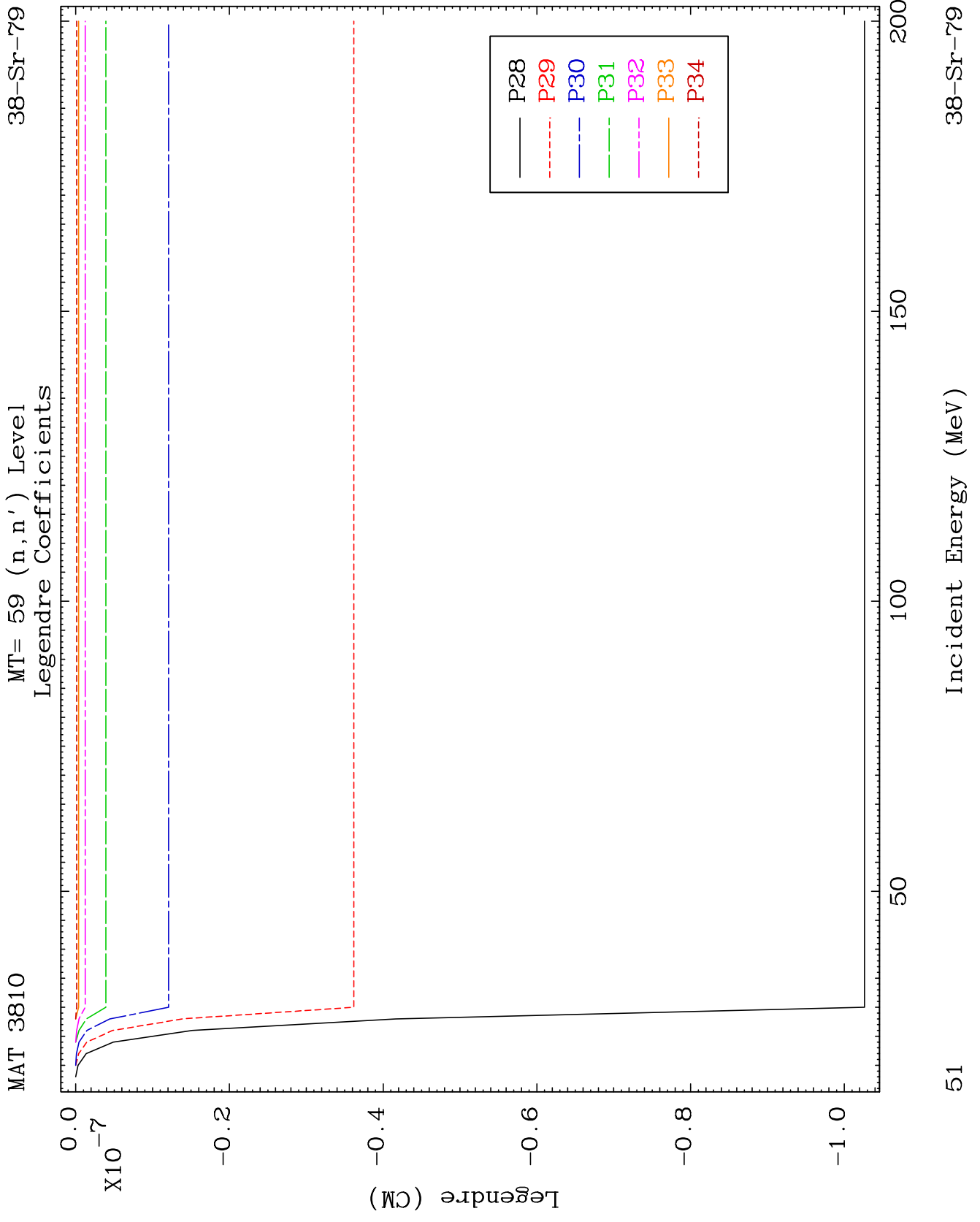
48

MAT 3810

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

38-Sr-79

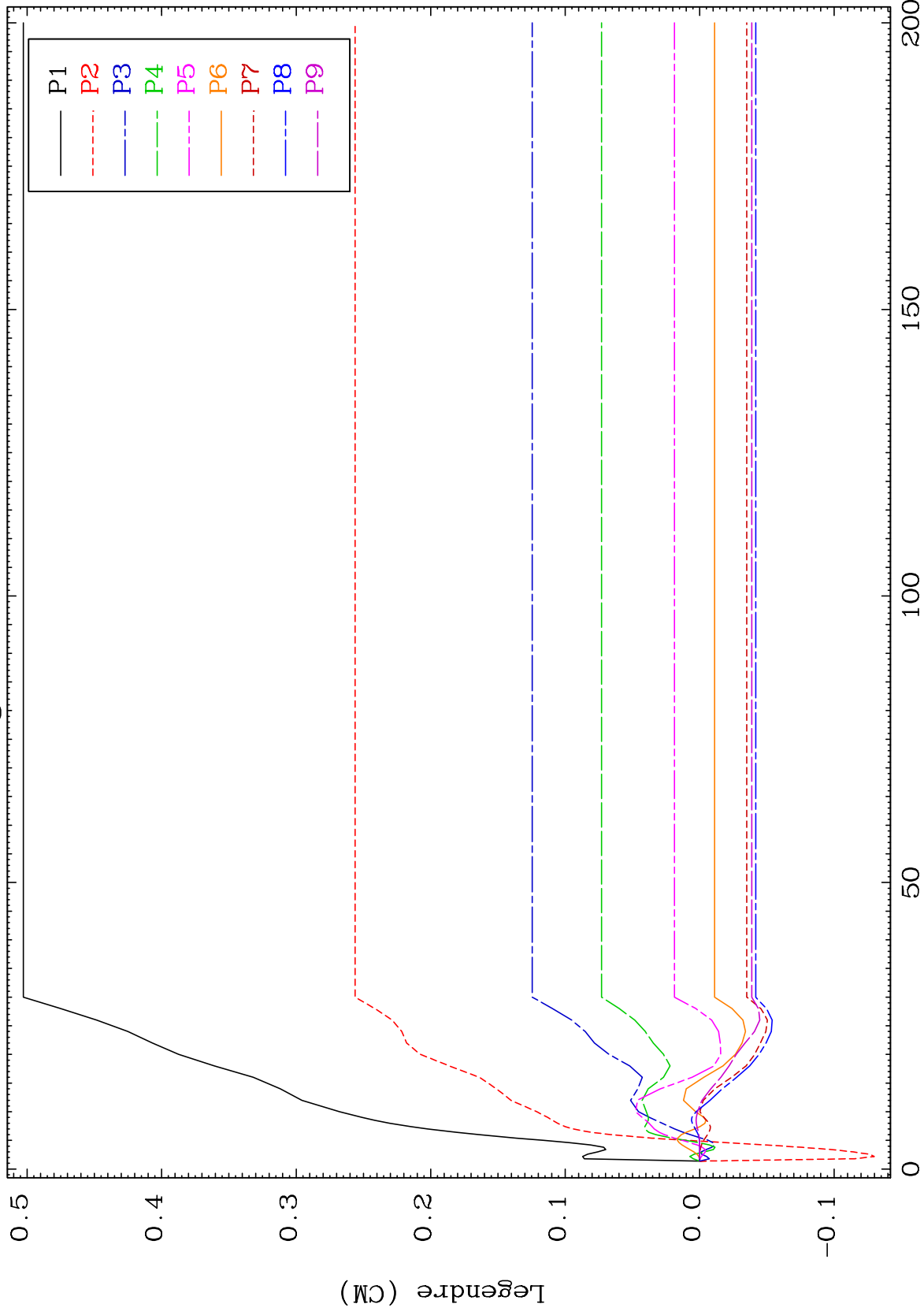




MAT 3810

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

38-Sr-79



52

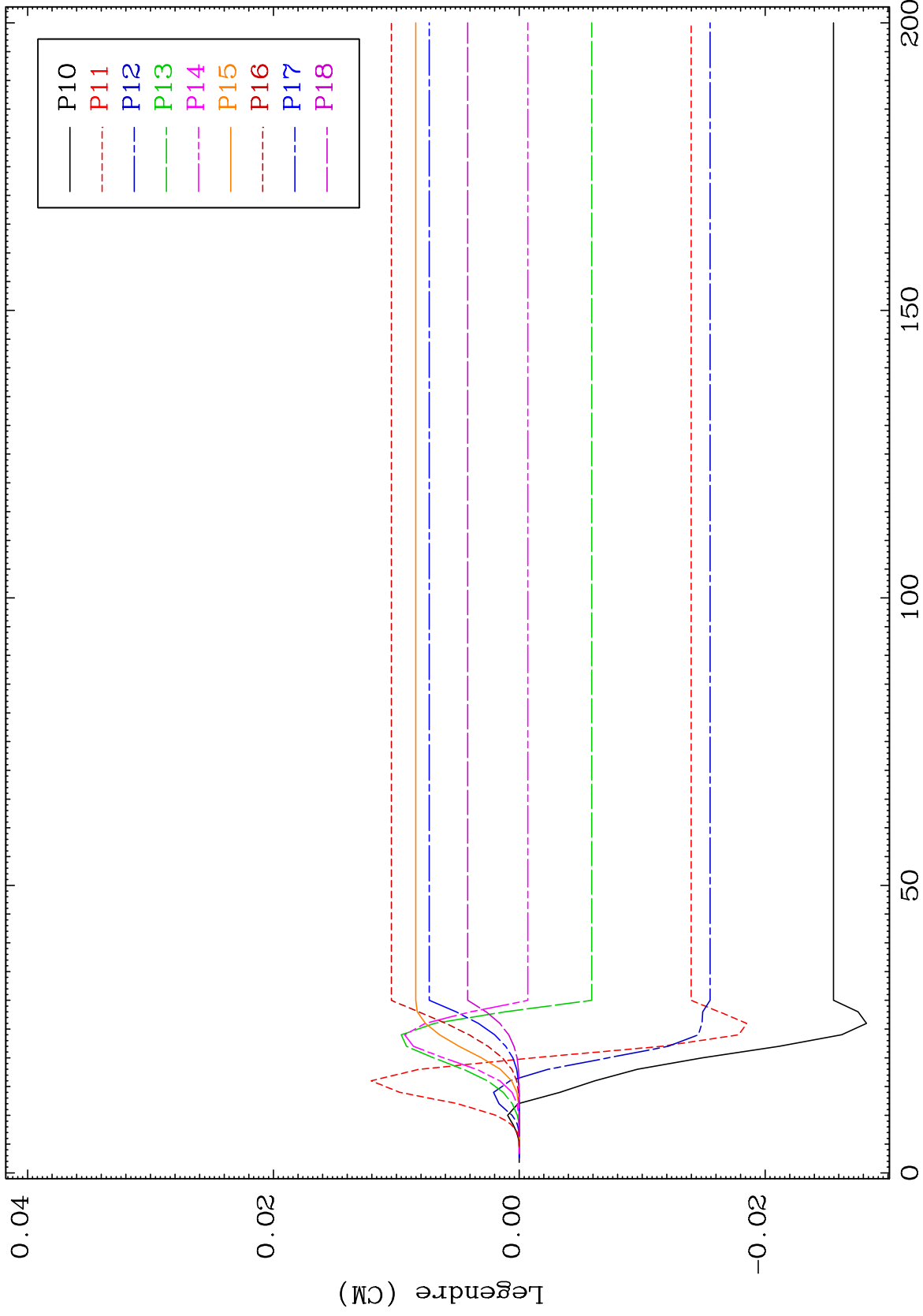
Incident Energy (MeV)

38-Sr-79

MAT 3810

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

38-Sr-79



53

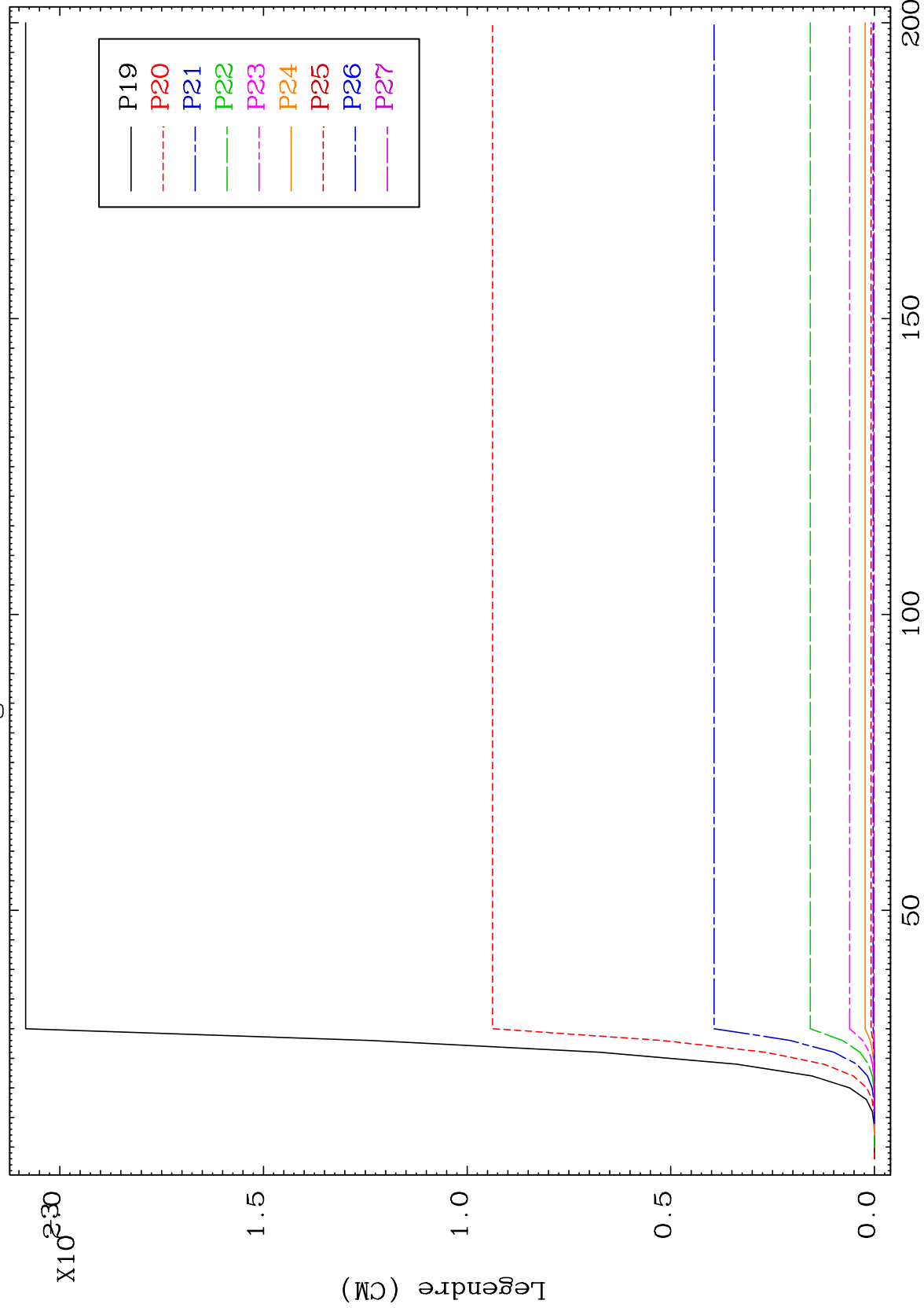
Incident Energy (MeV)

38-Sr-79

MAT 3810

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

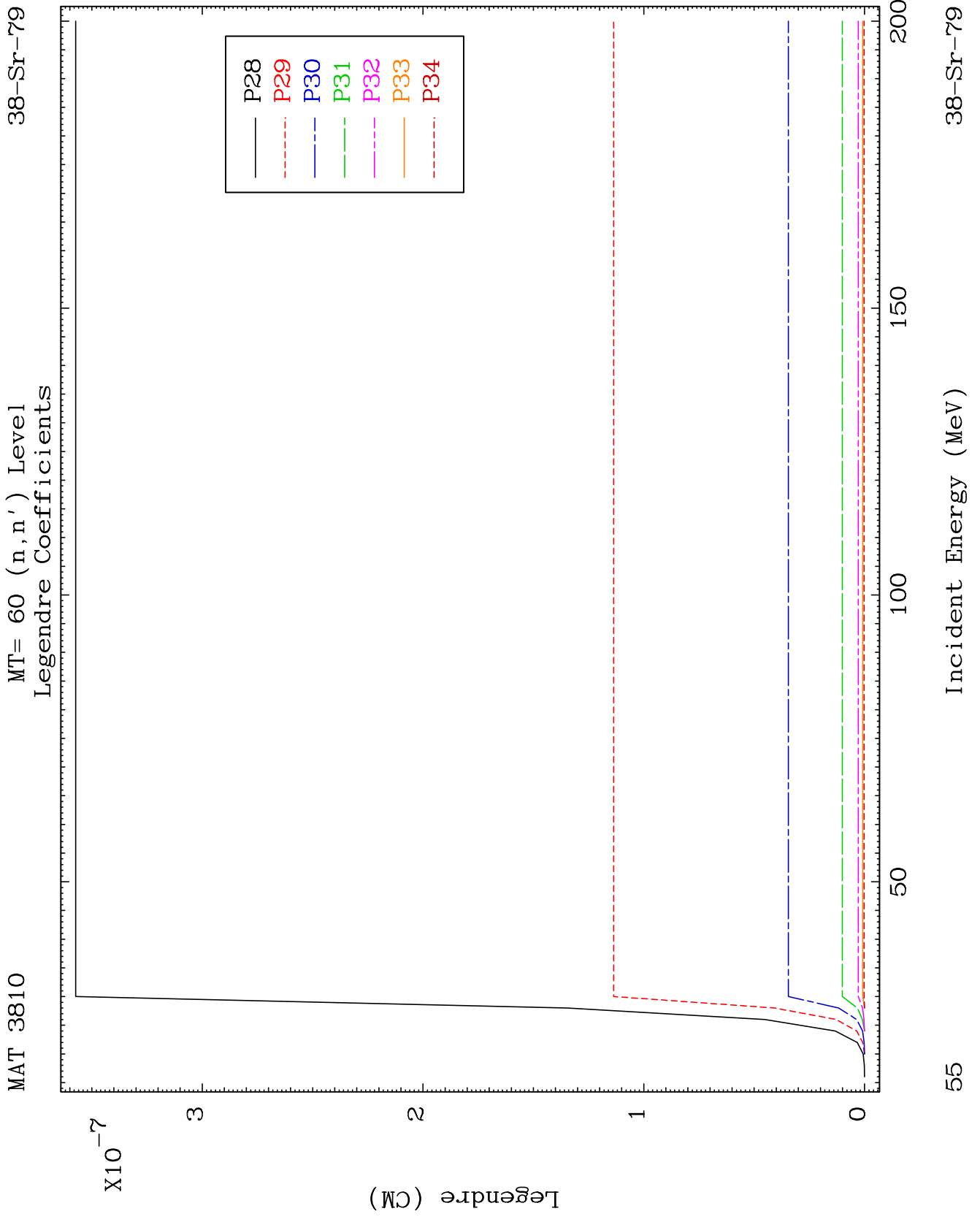
38-Sr-79



54

Incident Energy (MeV)

38-Sr-79

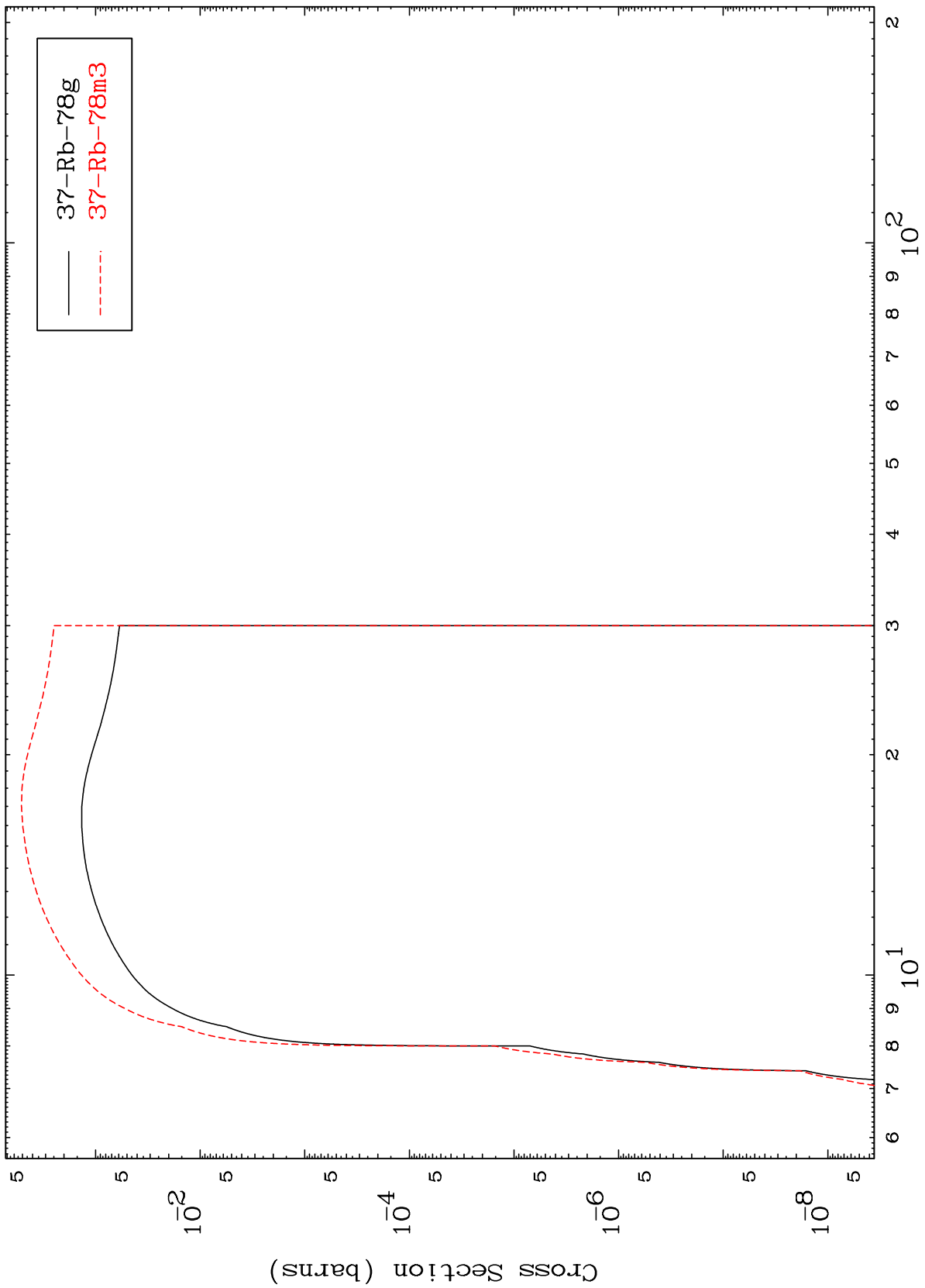


MAT 3810

(n, n') p

^{38}Sr -79

Radionuclide Production Cross Section



56

Incident Energy (MeV)

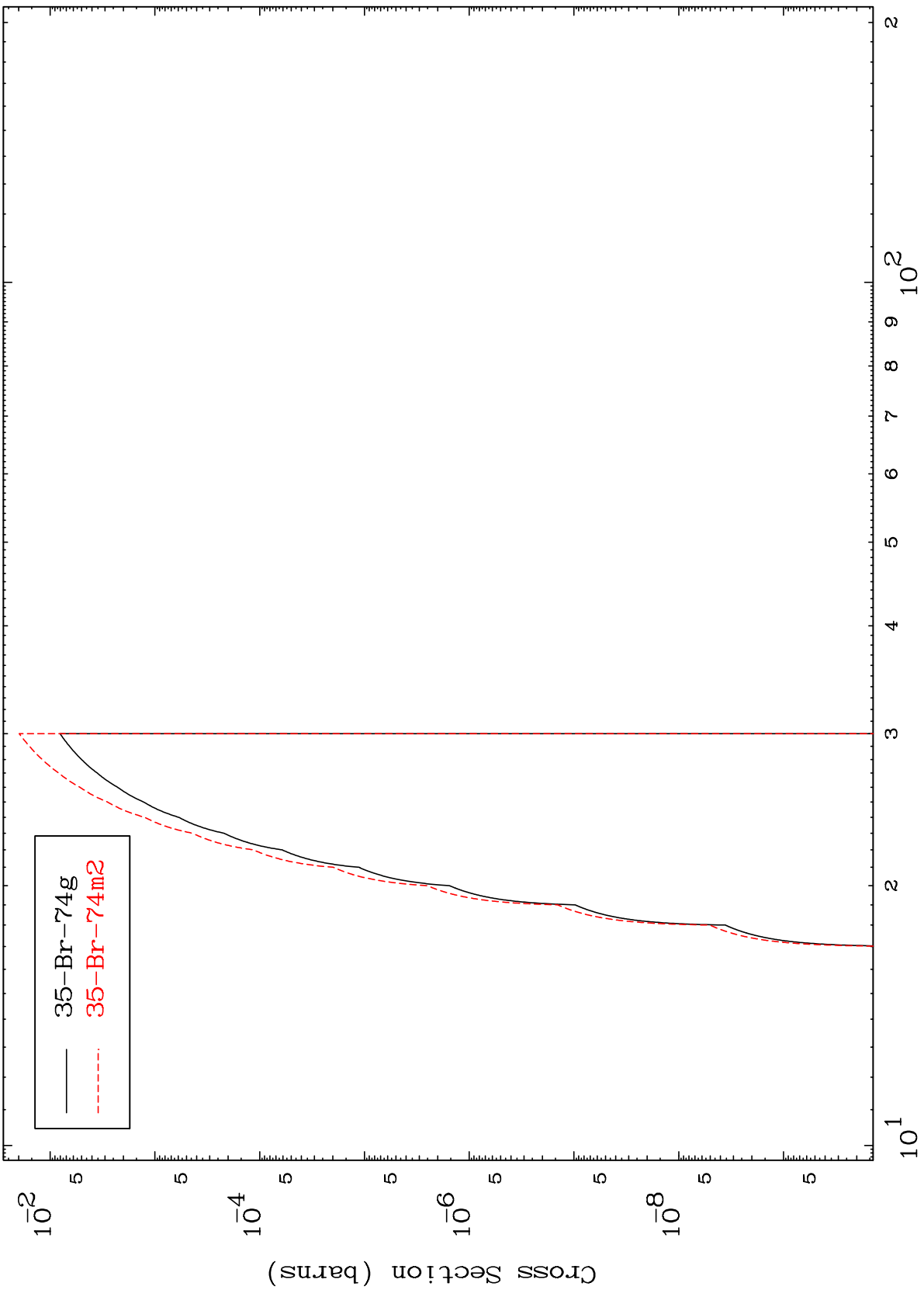
^{38}Sr -79

MAT 3810

(n,n') p α

38-Sr-79

Radionuclide Production Cross Section



35-Br-74g
35-Br-74m2

Incident Energy (MeV)

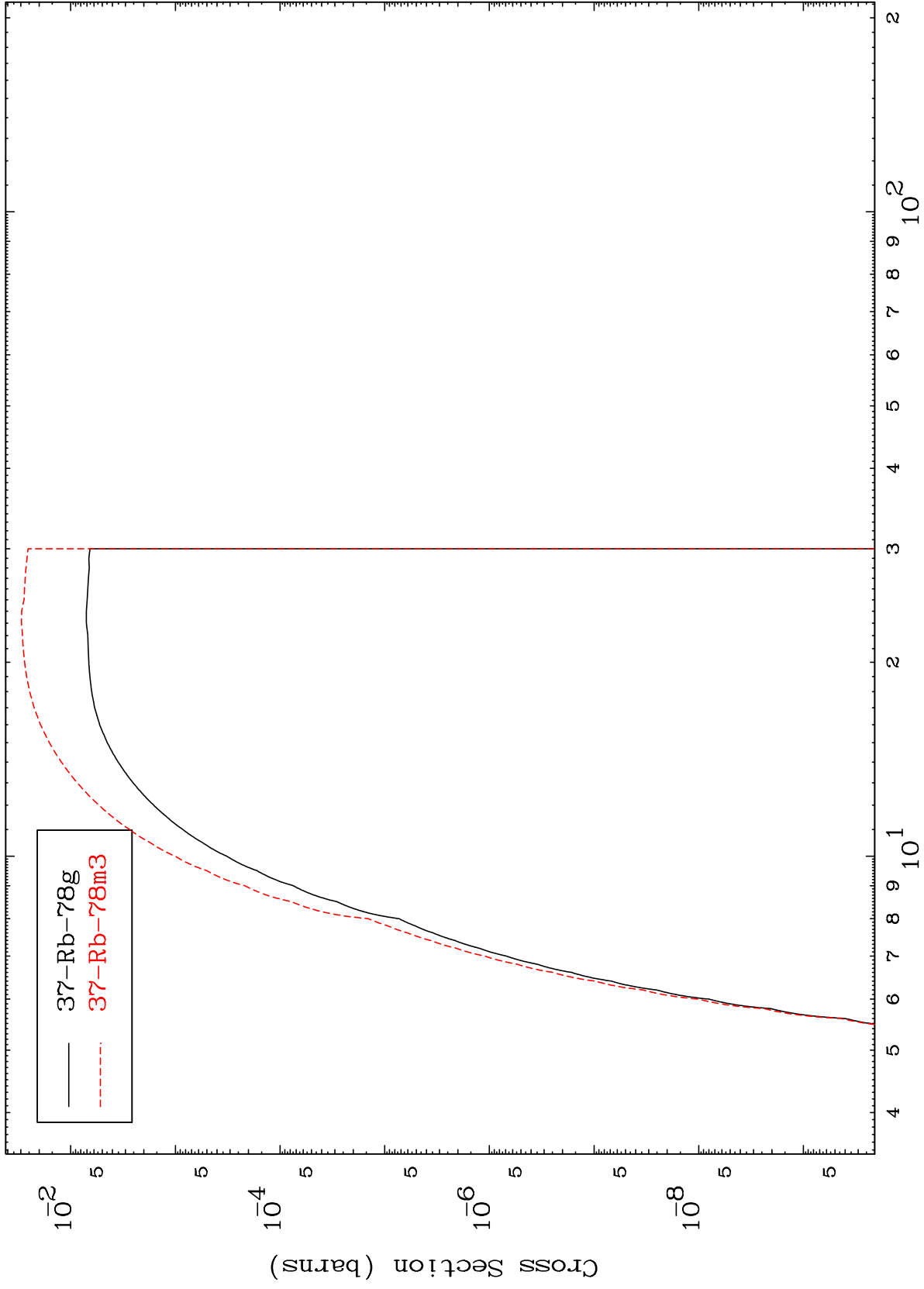
38-Sr-79

57

MAT 3810

38-Sr-79

(n,d)
Radionuclide Production Cross Section



58

Incident Energy (MeV)

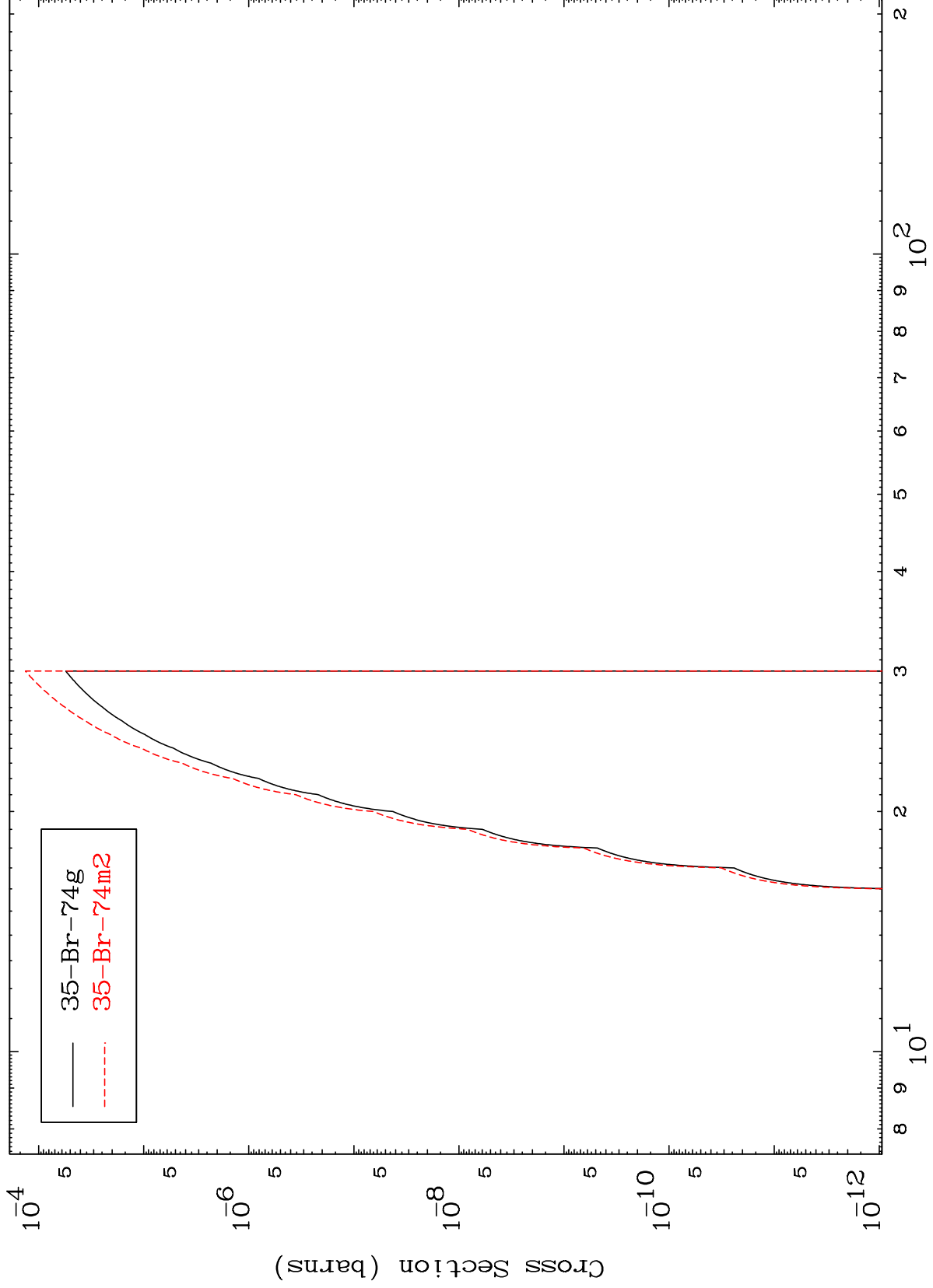
38-Sr-79

MAT 3810

(n,d) α

³⁸Sr-79

Radionuclide Production Cross Section



59

Incident Energy (MeV)

³⁸Sr-79