

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

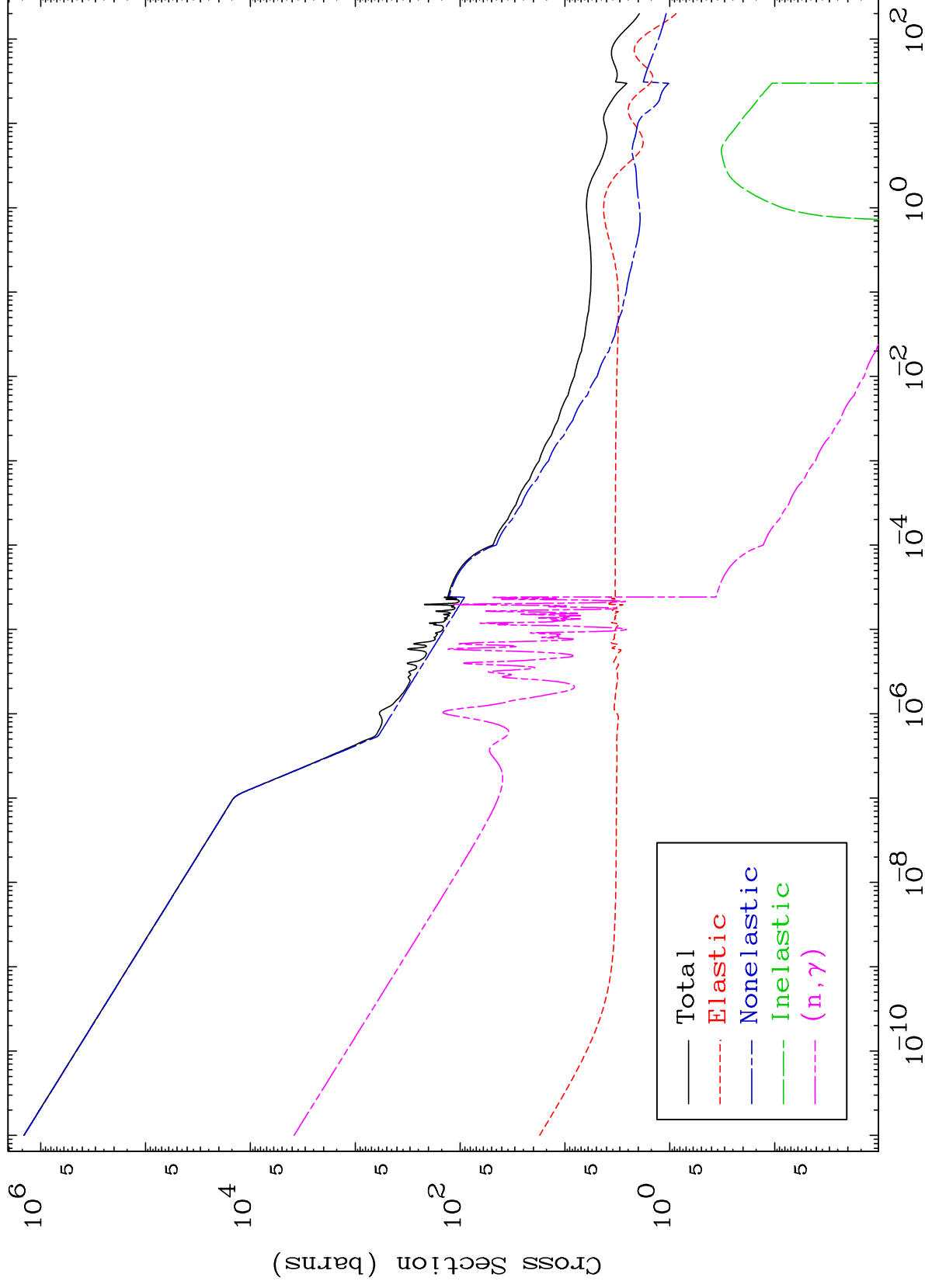
Press Mouse Button to Start

MAT 5471

Neutron Major

293 Kelvin Cross Sections

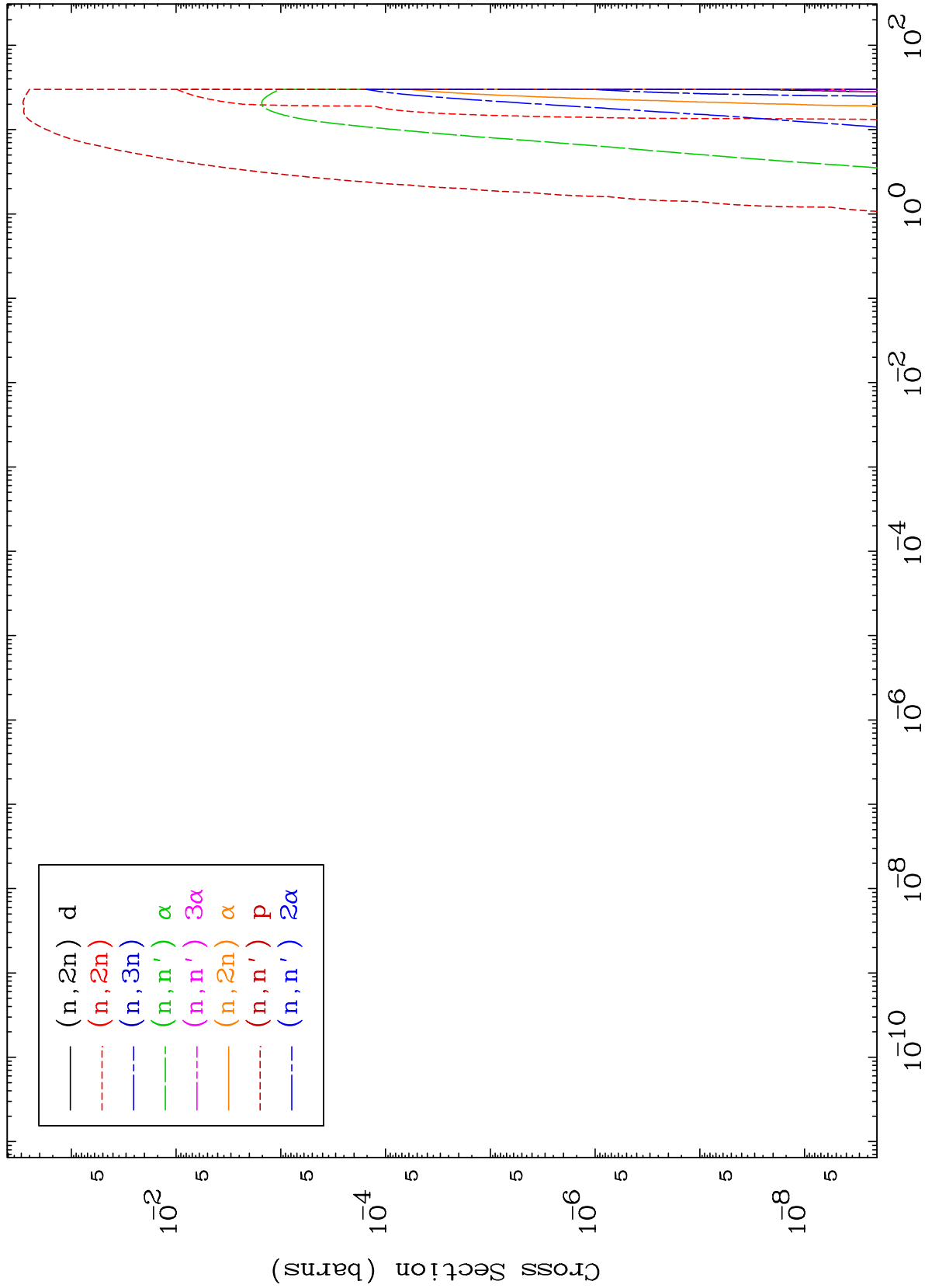
55-Cs-115



MAT 5471

Neutron Absorption
293 Kelvin Cross Sections

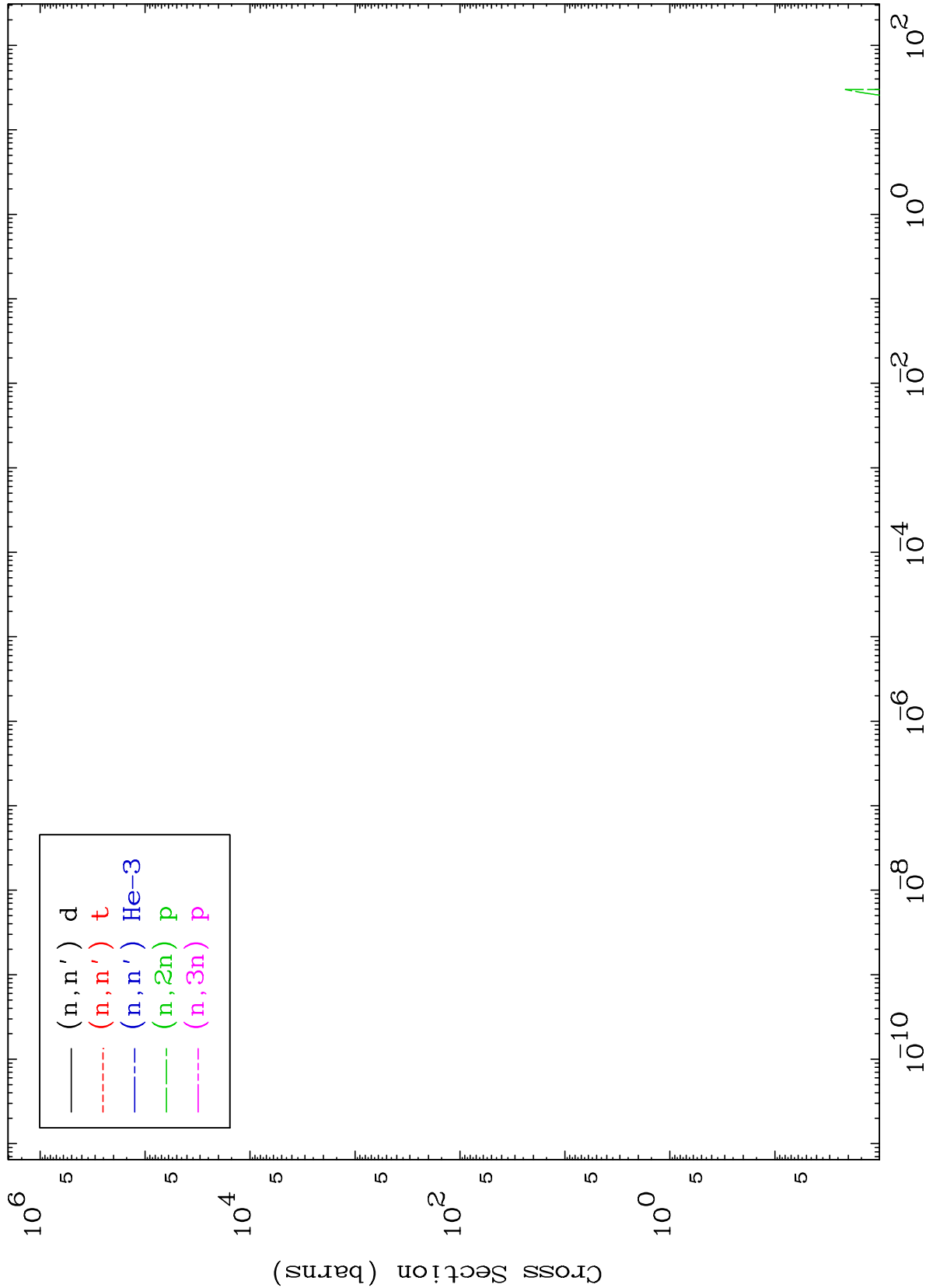
55-Cs-115



MAT 5471

Neutron Absorption
293 Kelvin Cross Sections

55-Cs-115



3

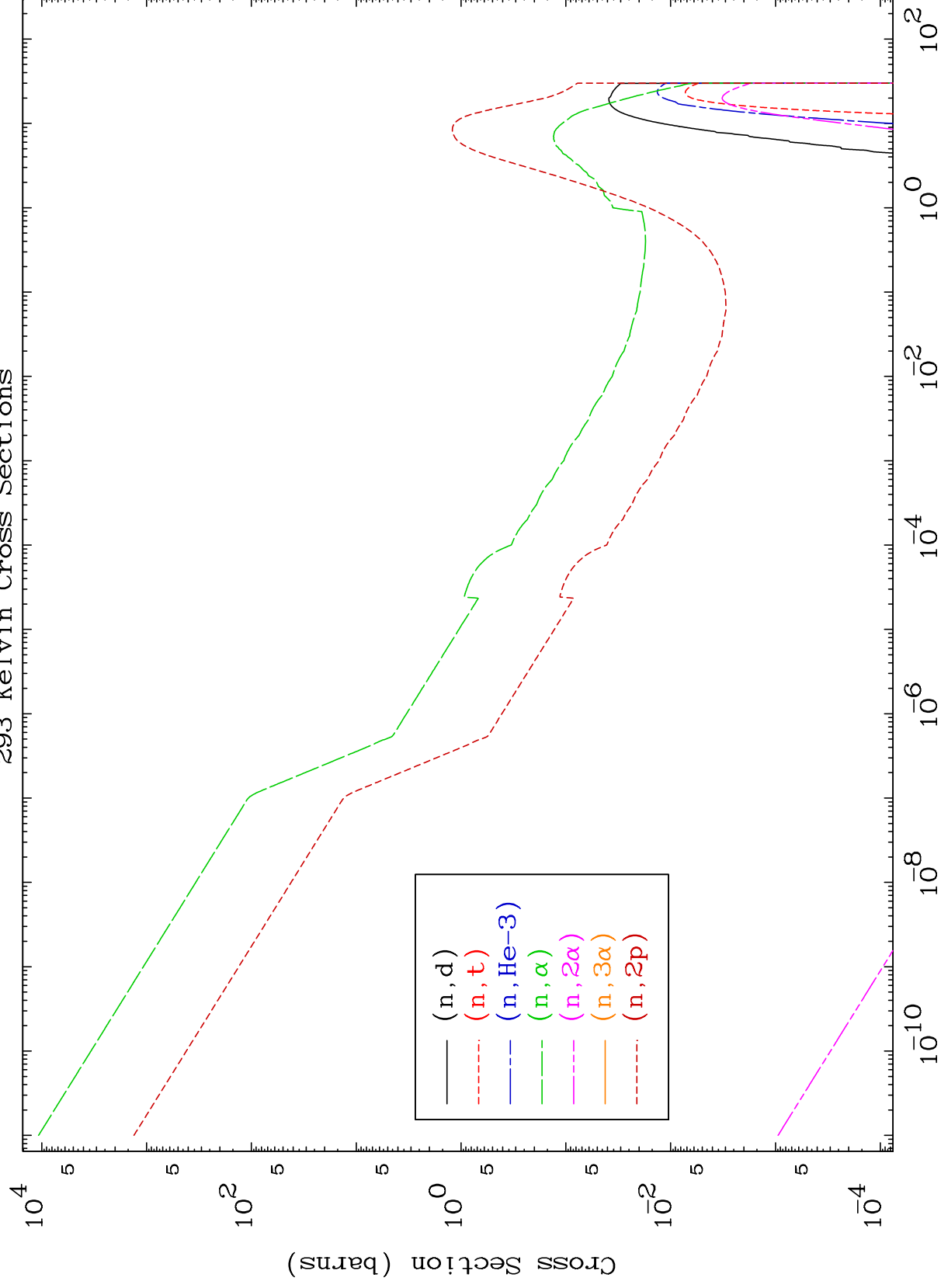
Incident Energy (MeV)

55-Cs-115

MAT 5471

Neutron Absorption
293 Kelvin Cross Sections

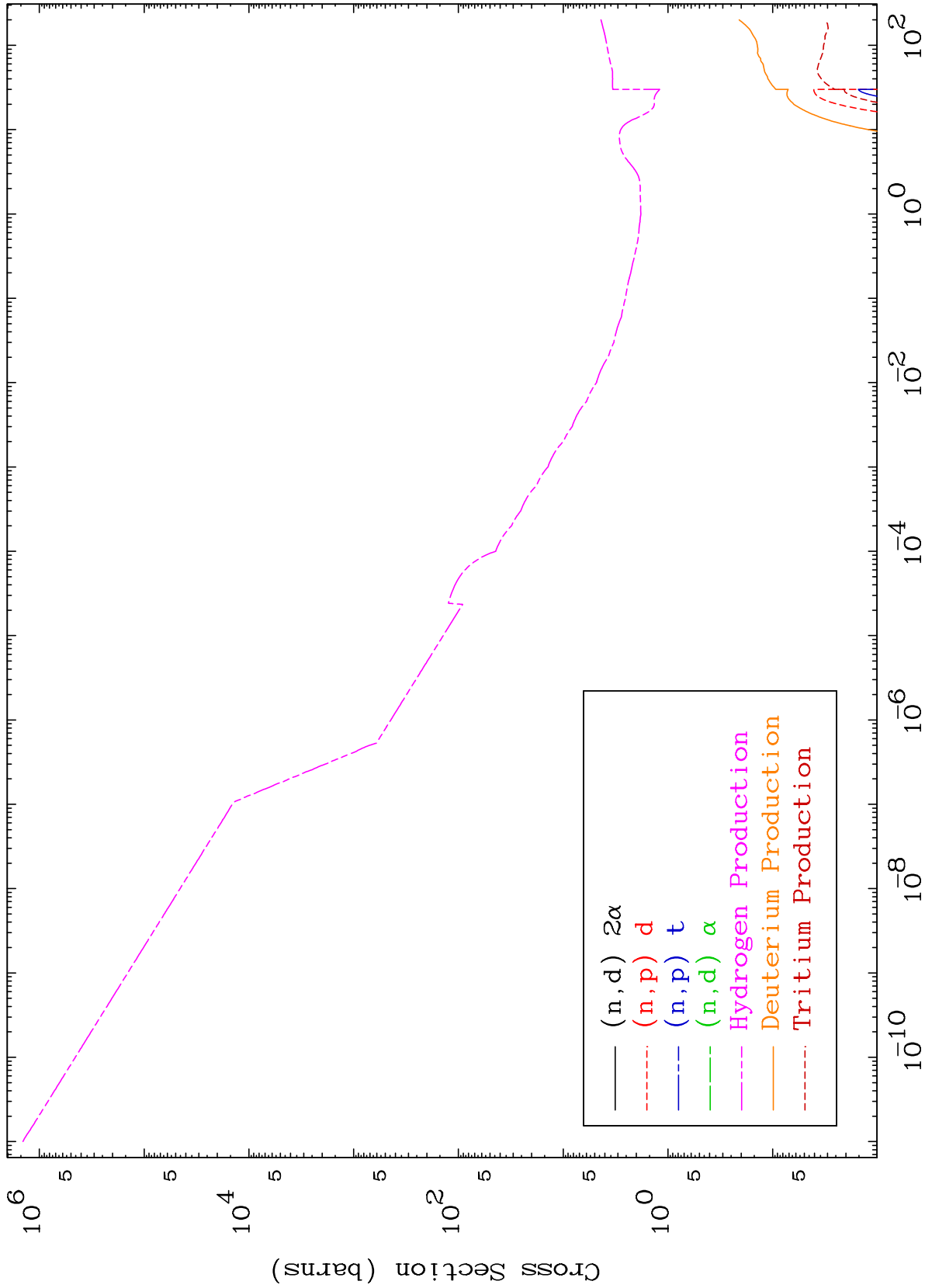
55-Cs-115



MAT 5471

Neutron Absorption
293 Kelvin Cross Sections

55-Cs-115



5

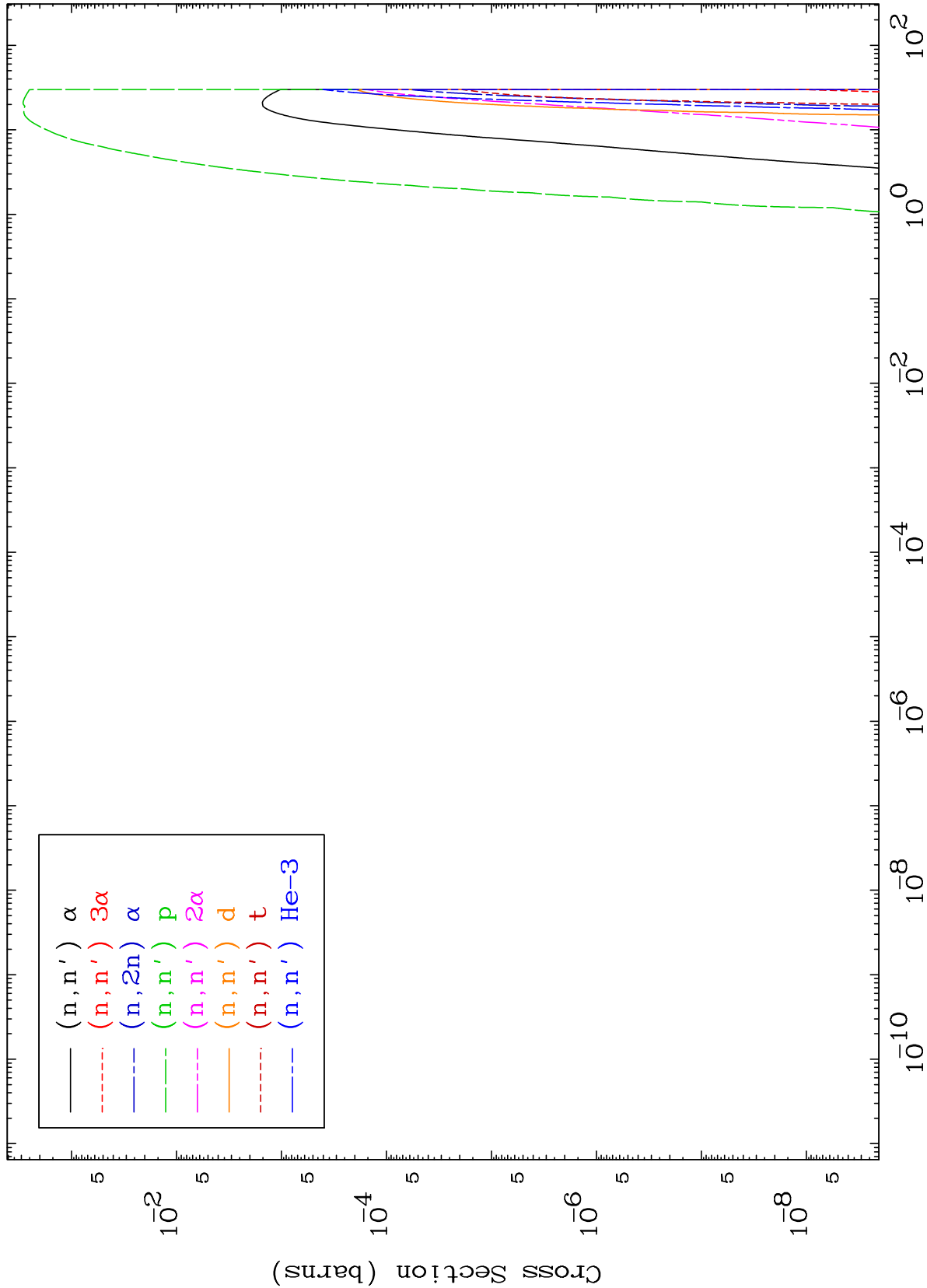
Incident Energy (MeV)

55-Cs-115

MAT 5471

Charged Particle
293 Kelvin Cross Sections

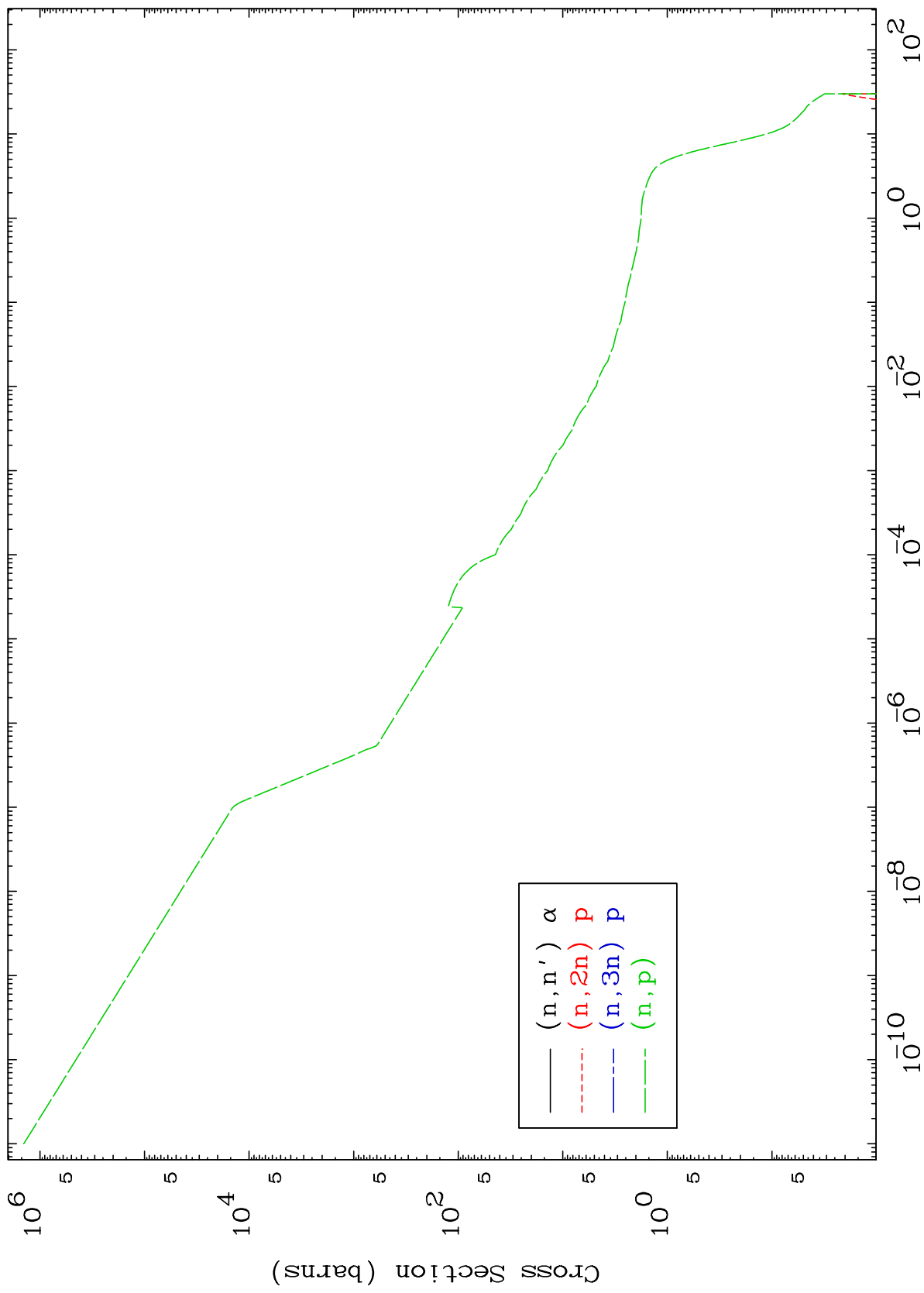
55-Cs-115



MAT 5471

293 Kelvin Cross Sections

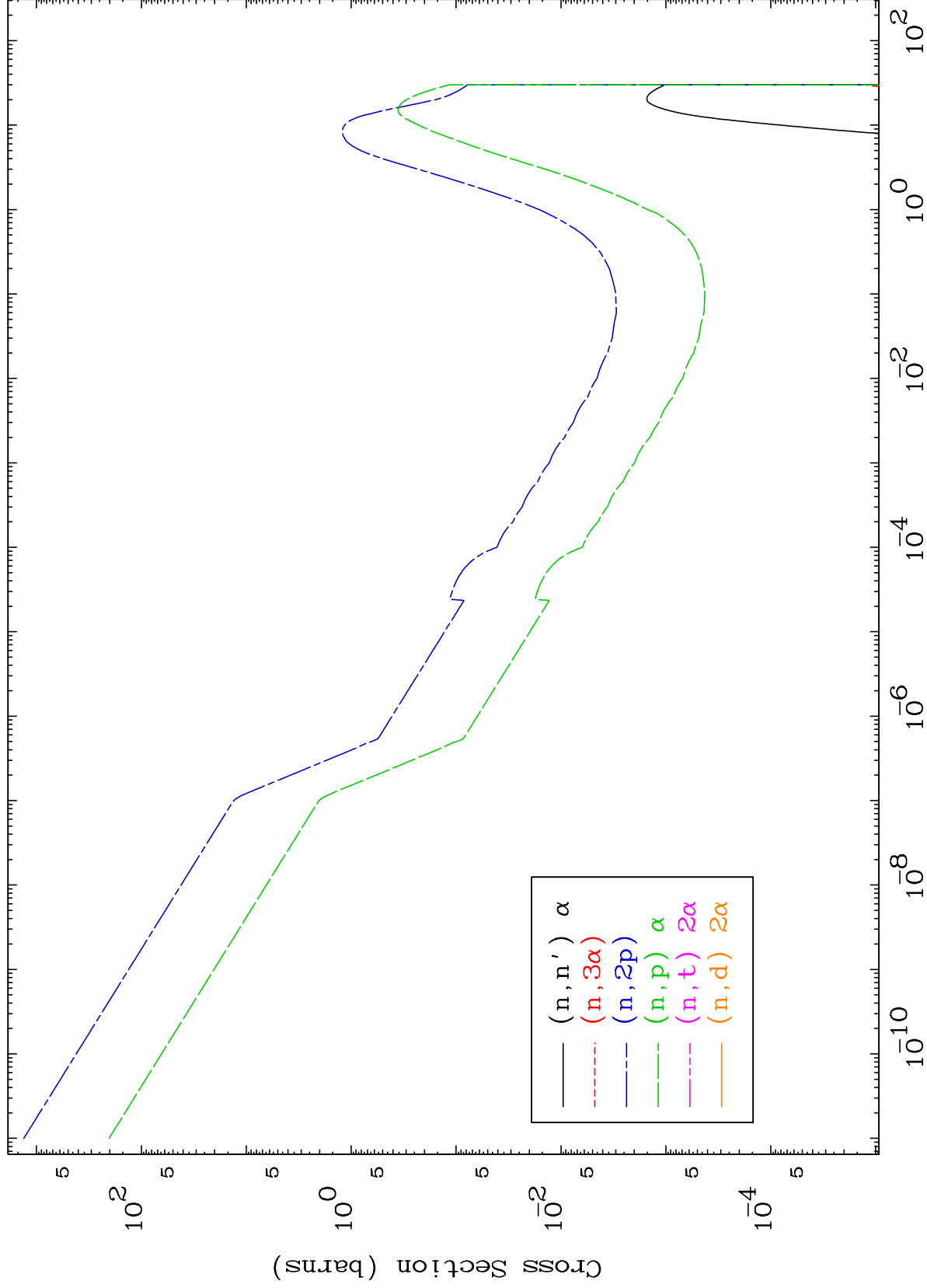
55-Cs-115

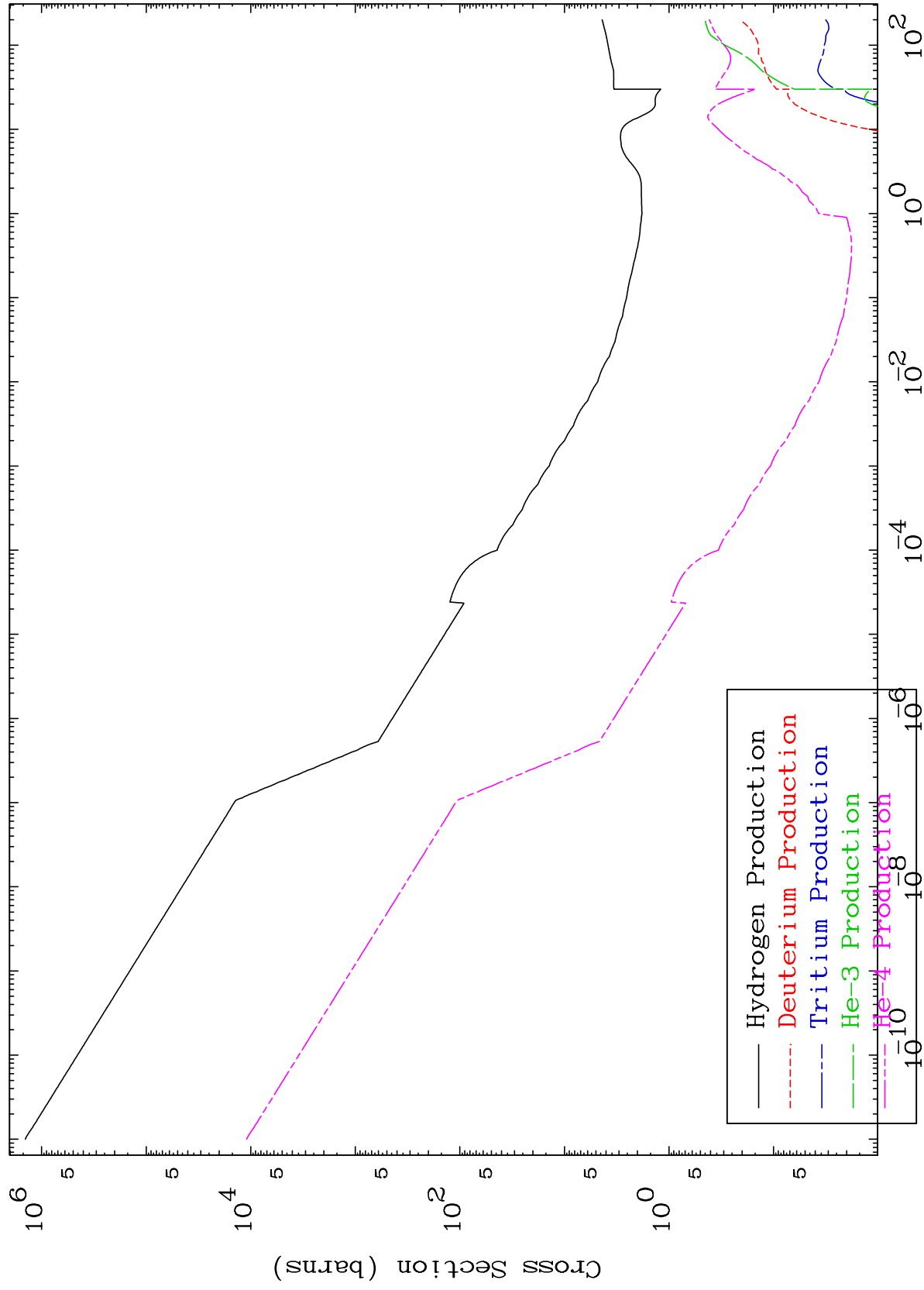


MAT 5471

Charged Particle
293 Kelvin Cross Sections

55-Cs-115



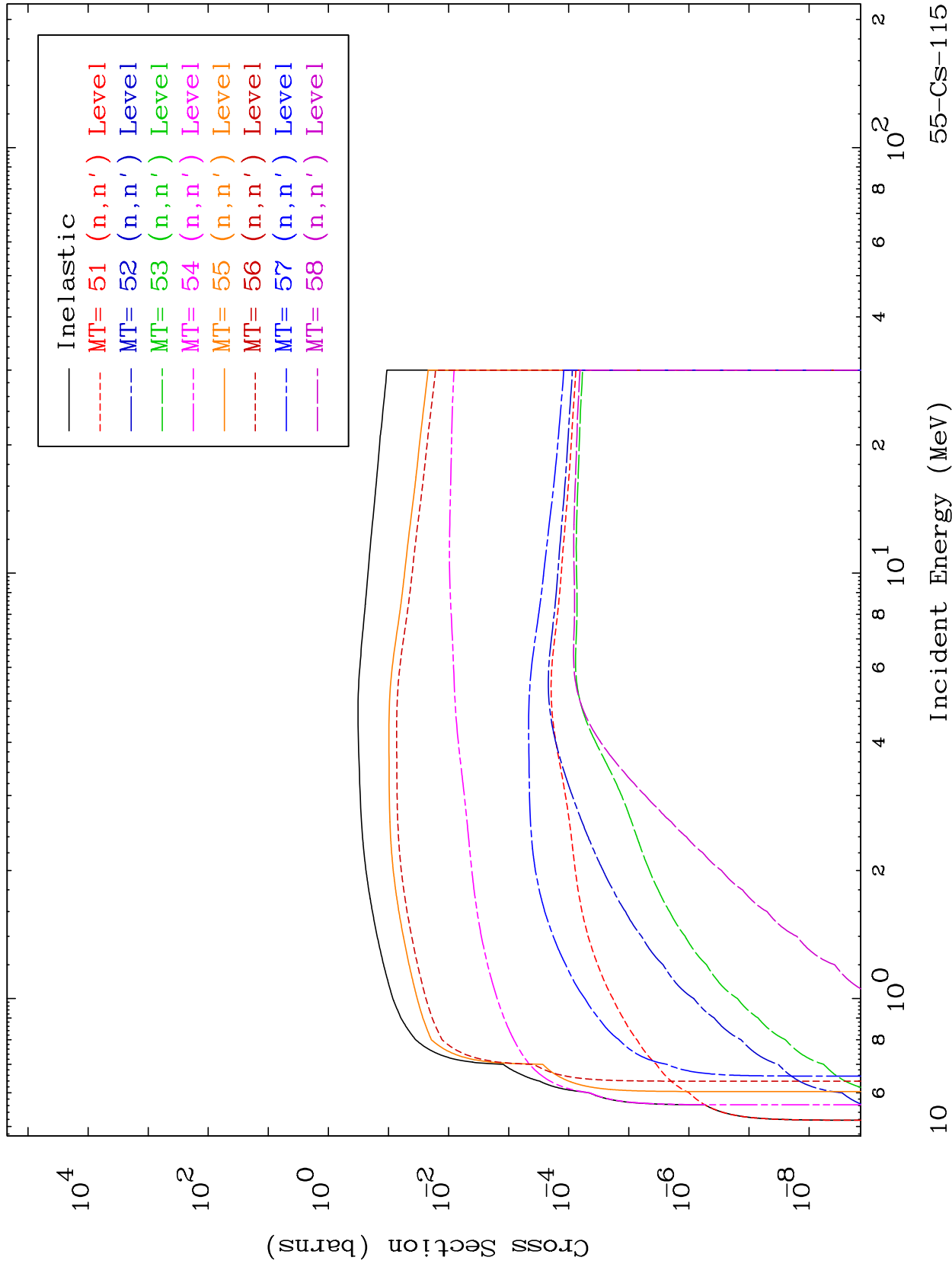


MAT 5471

(n,n') Levels

55-Cs-115

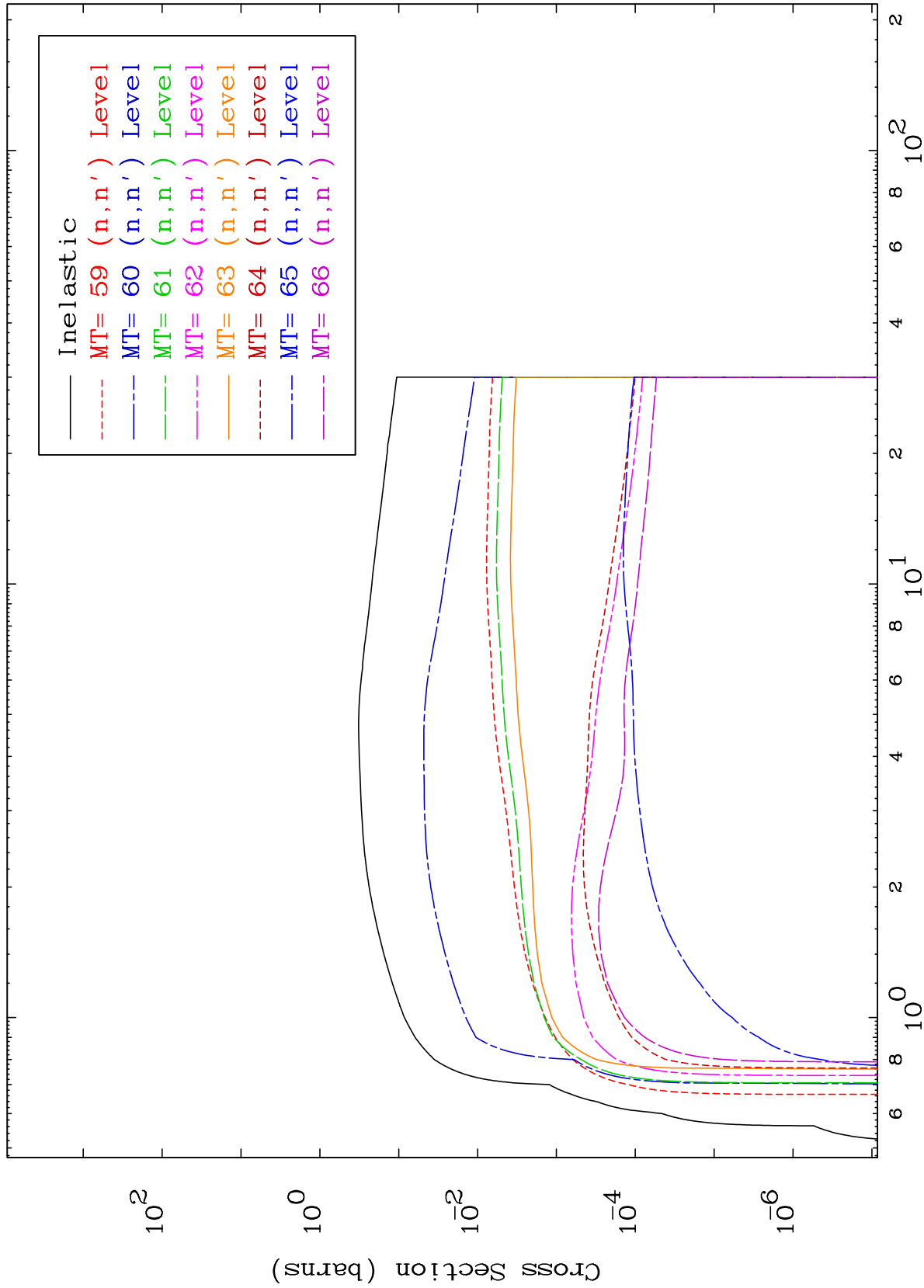
293 Kelvin Cross Sections



MAT 5471

(n,n') Levels
293 Kelvin Cross Sections

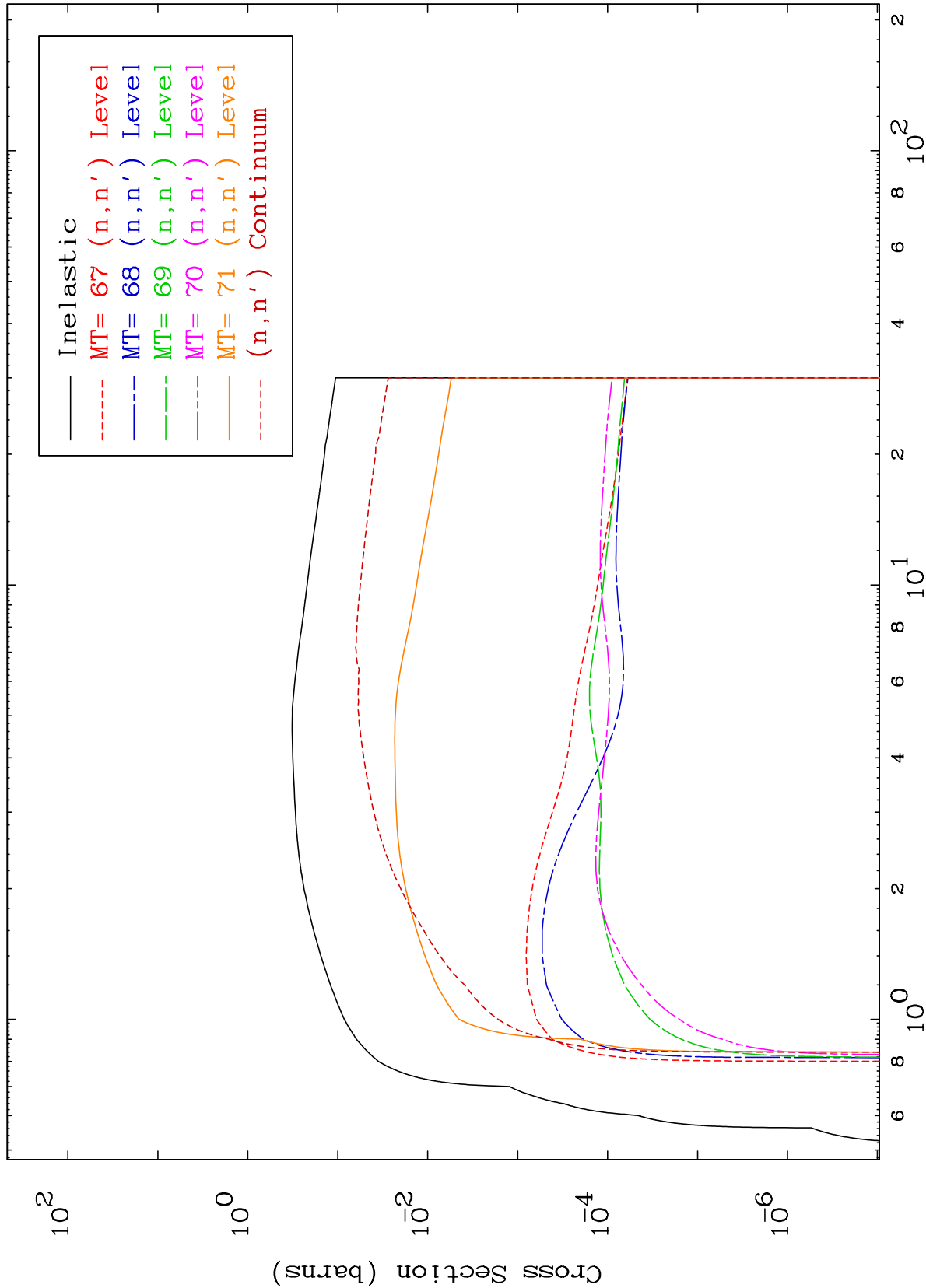
55-Cs-115



11

Incident Energy (MeV)

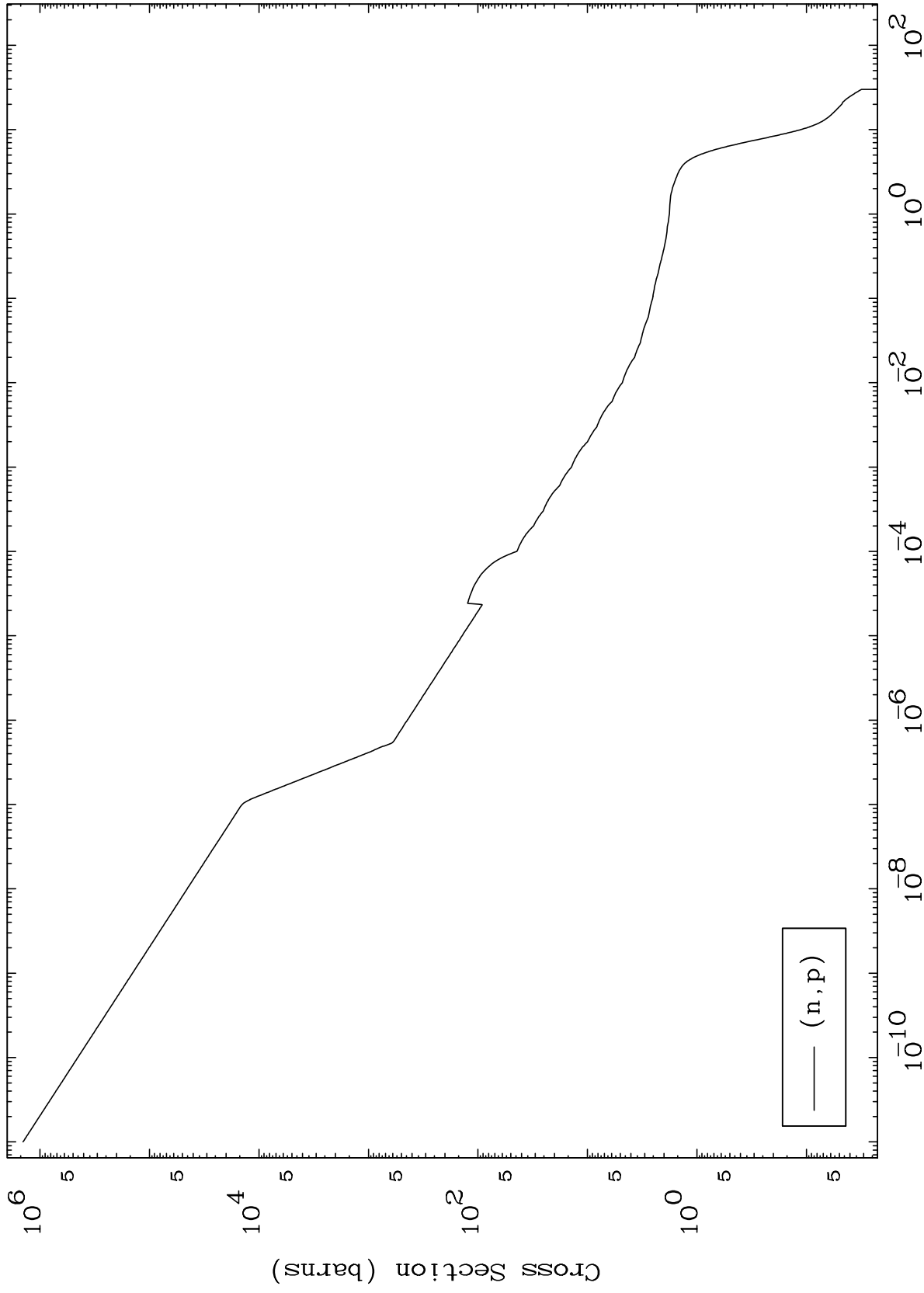
55-Cs-115



MAT 5471

293 Kelvin Cross Sections
(n,p) Levels

55-Cs-115



— (n,p)

13

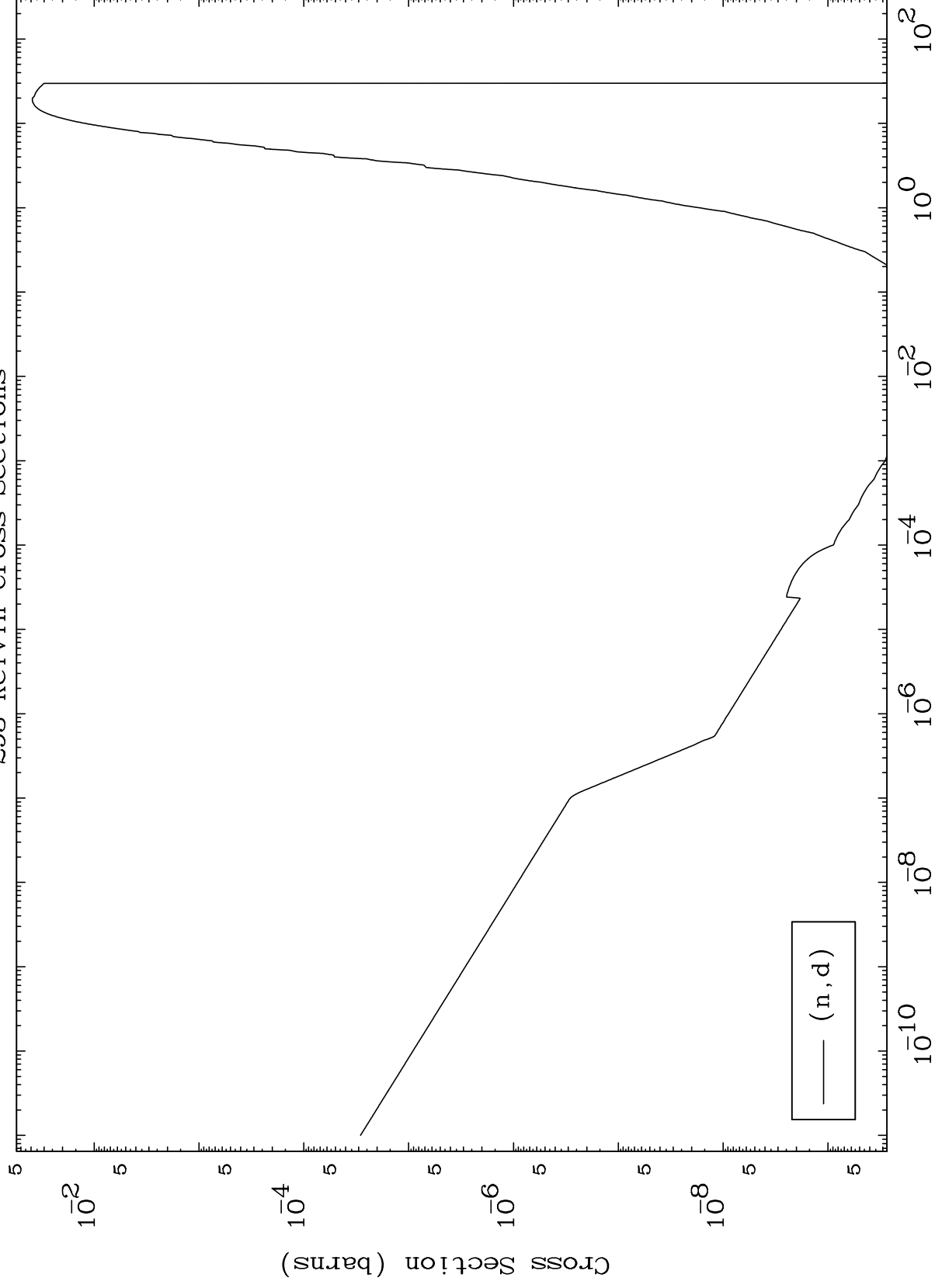
Incident Energy (MeV)

55-Cs-115

MAT 5471

293 Kelvin Cross Sections
(n,d) Levels

55-Cs-115



14

Incident Energy (MeV)

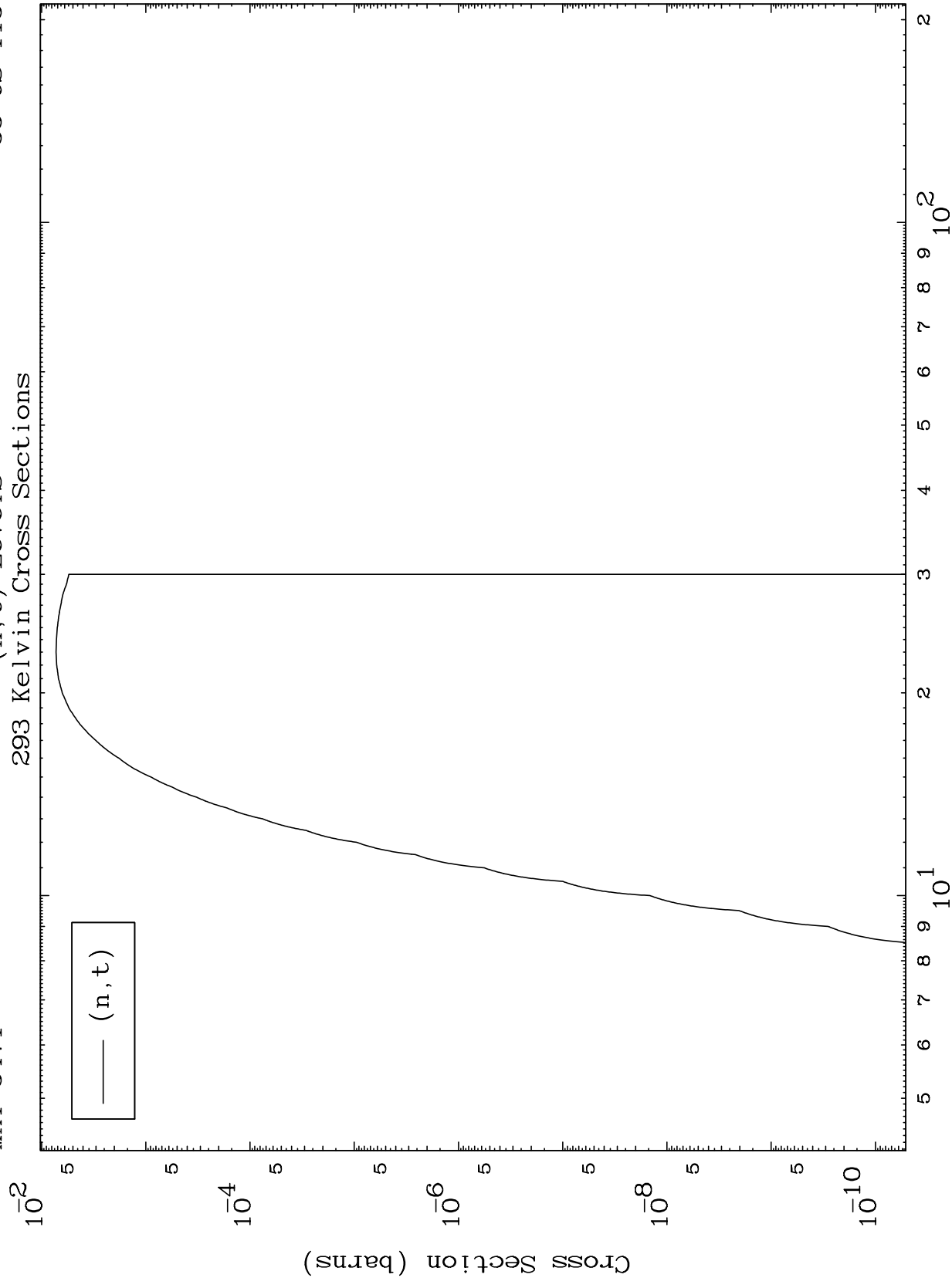
55-Cs-115

MAT 5471

(n, t) Levels

55-CS-115

293 Kelvin Cross Sections



15

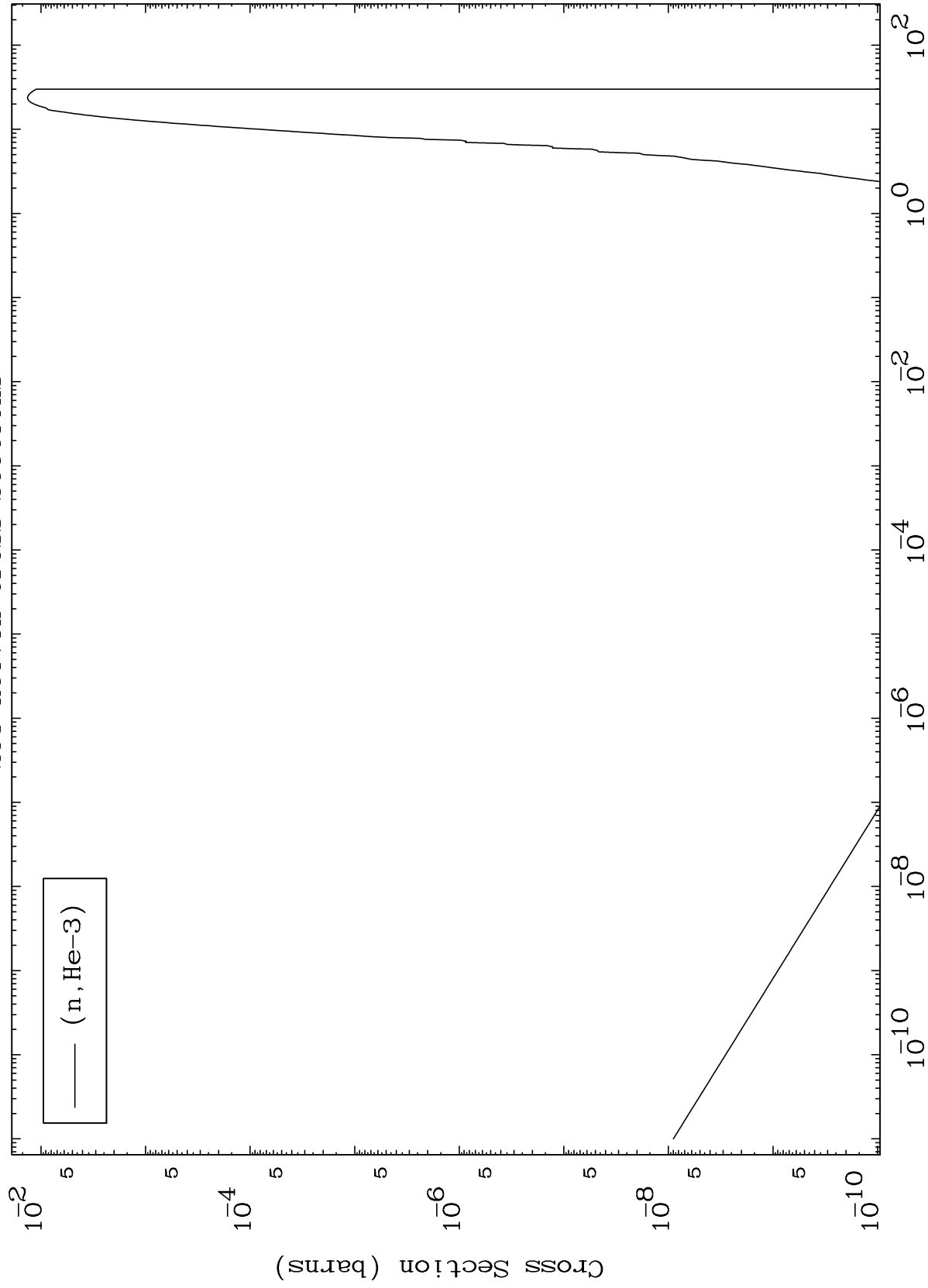
Incident Energy (MeV)

55-Cs-115

MAT 5471

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-115



16

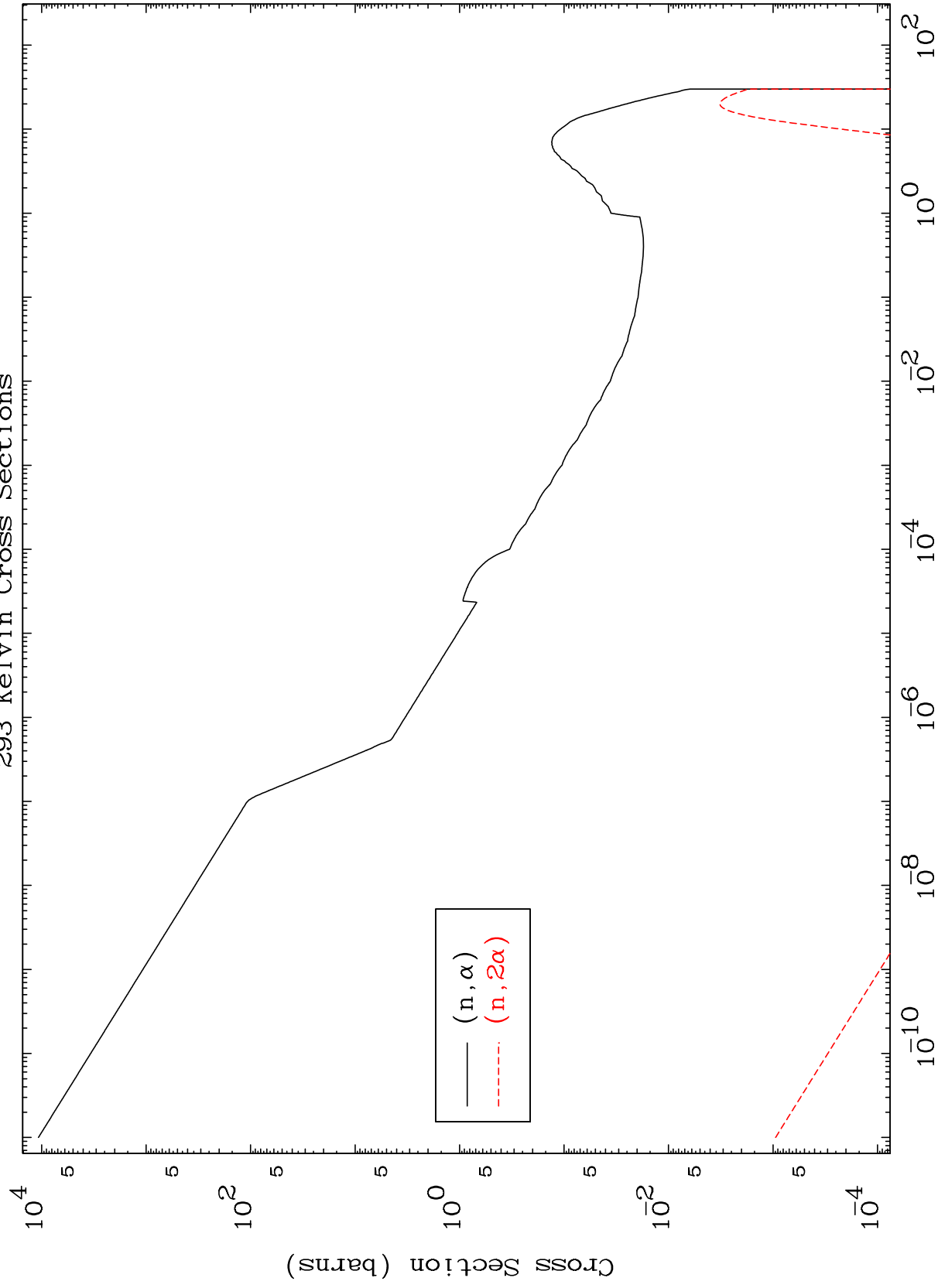
Incident Energy (MeV)

55-Cs-115

MAT 5471

293 Kelvin Cross Sections
(n, α) Levels

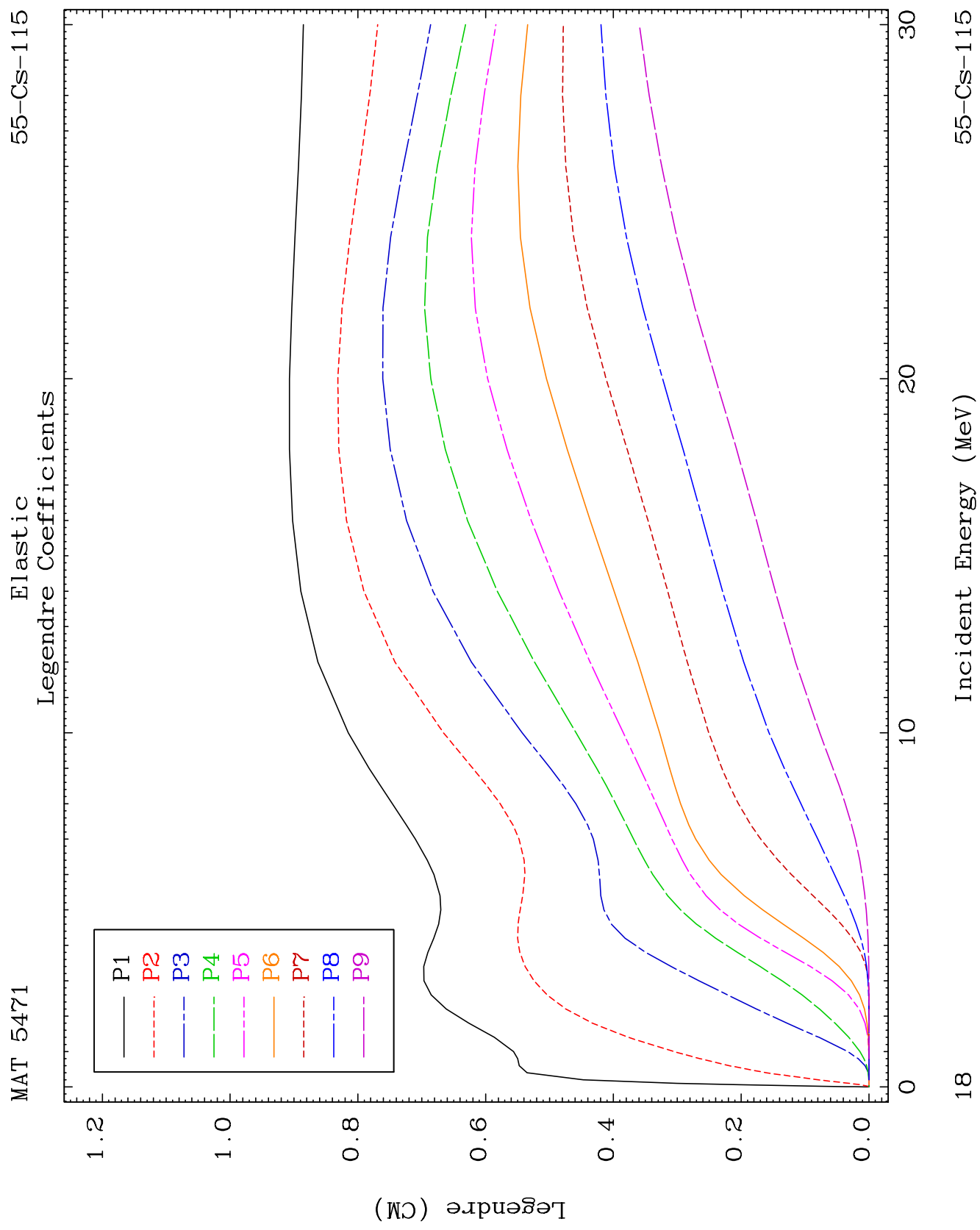
55-Cs-115

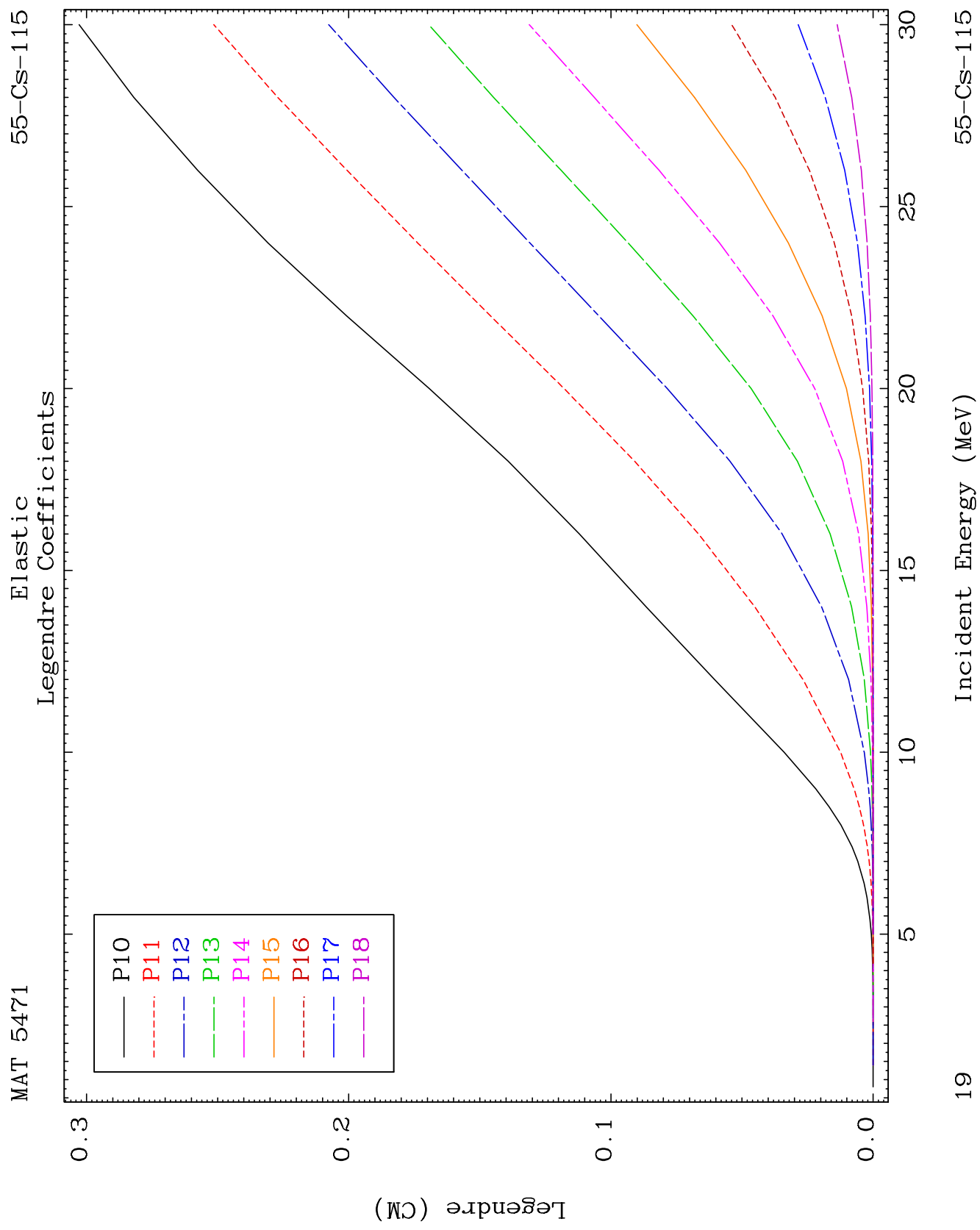


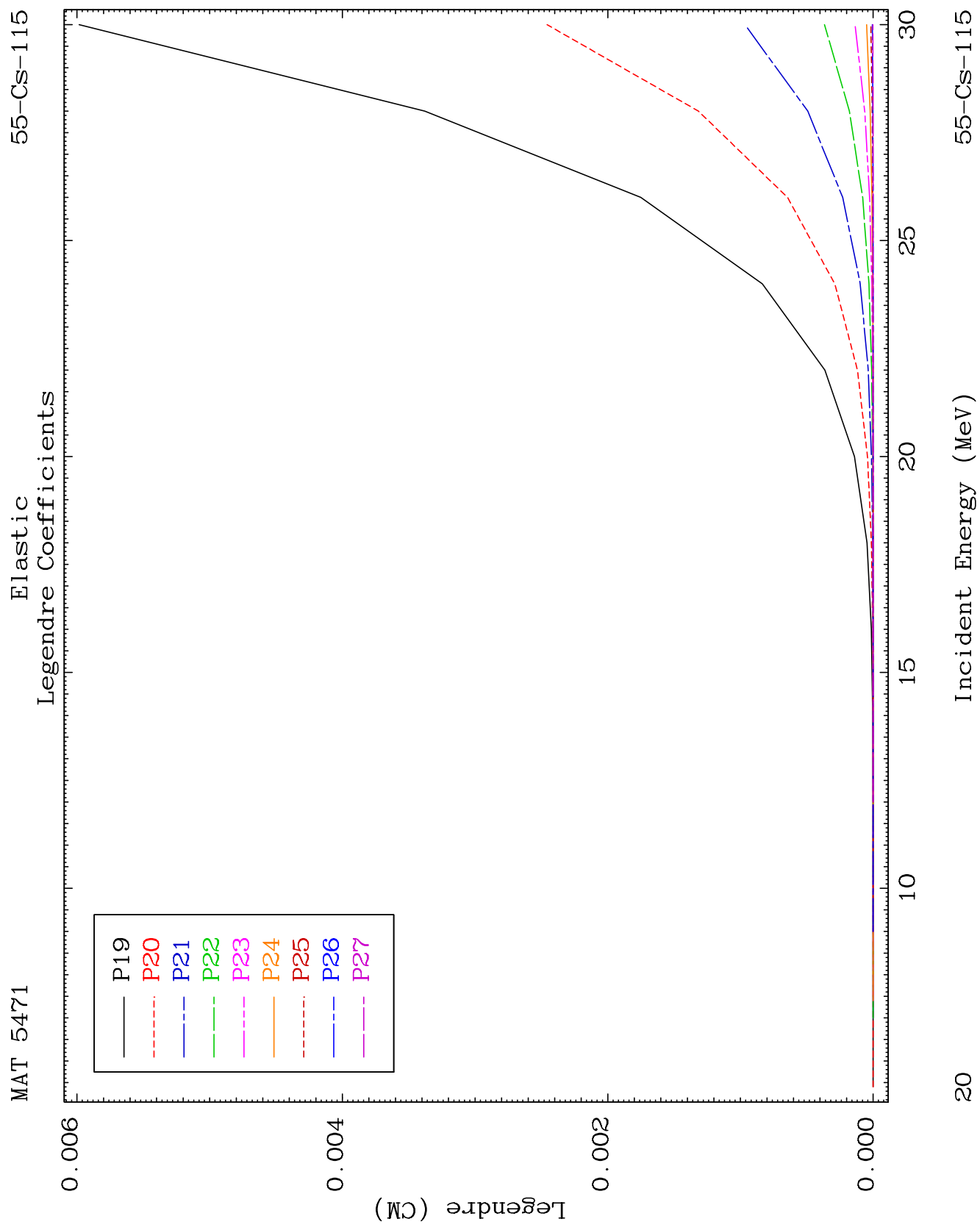
17

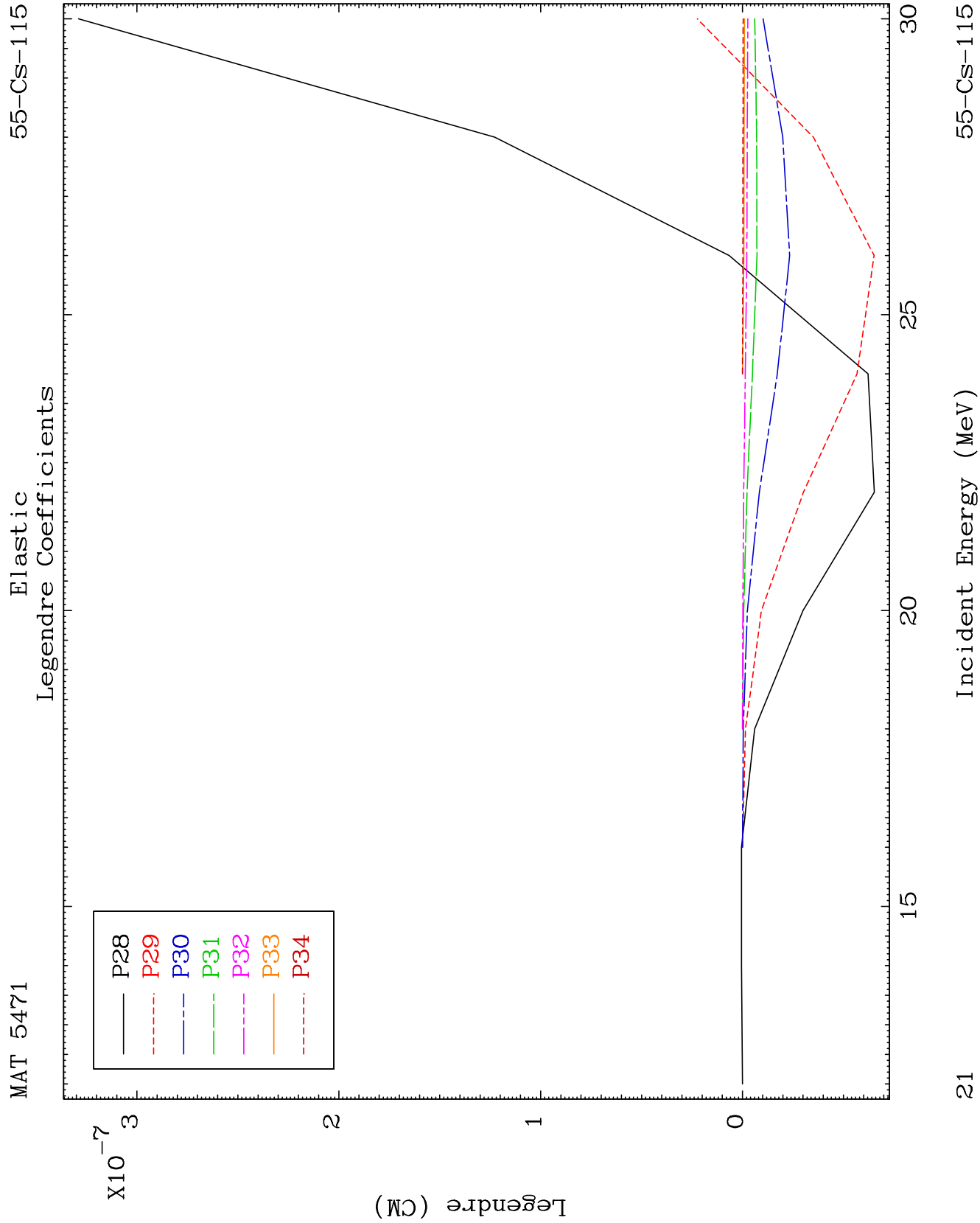
Incident Energy (MeV)

55-Cs-115





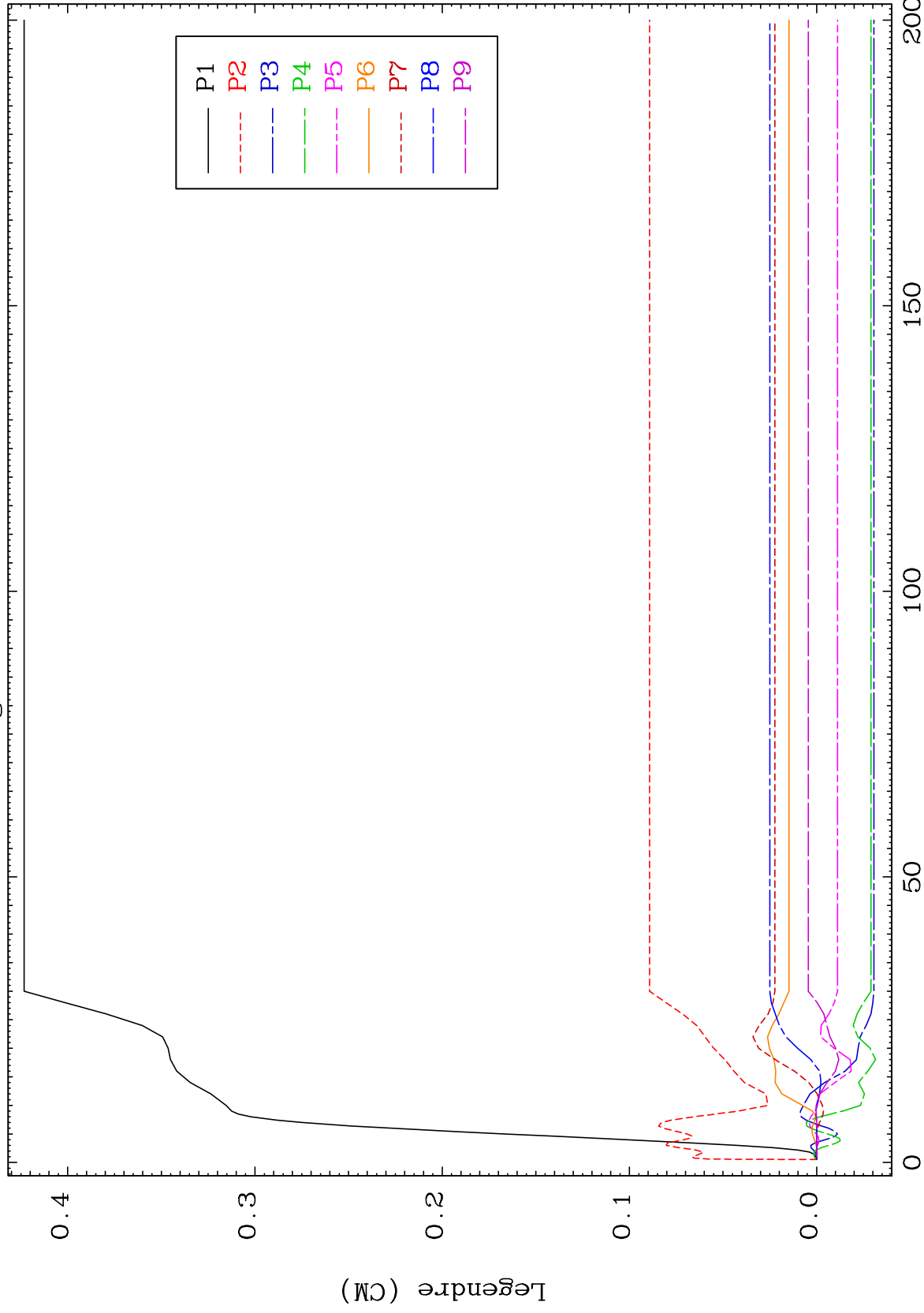




MAT 5471

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

55-Cs-115



22

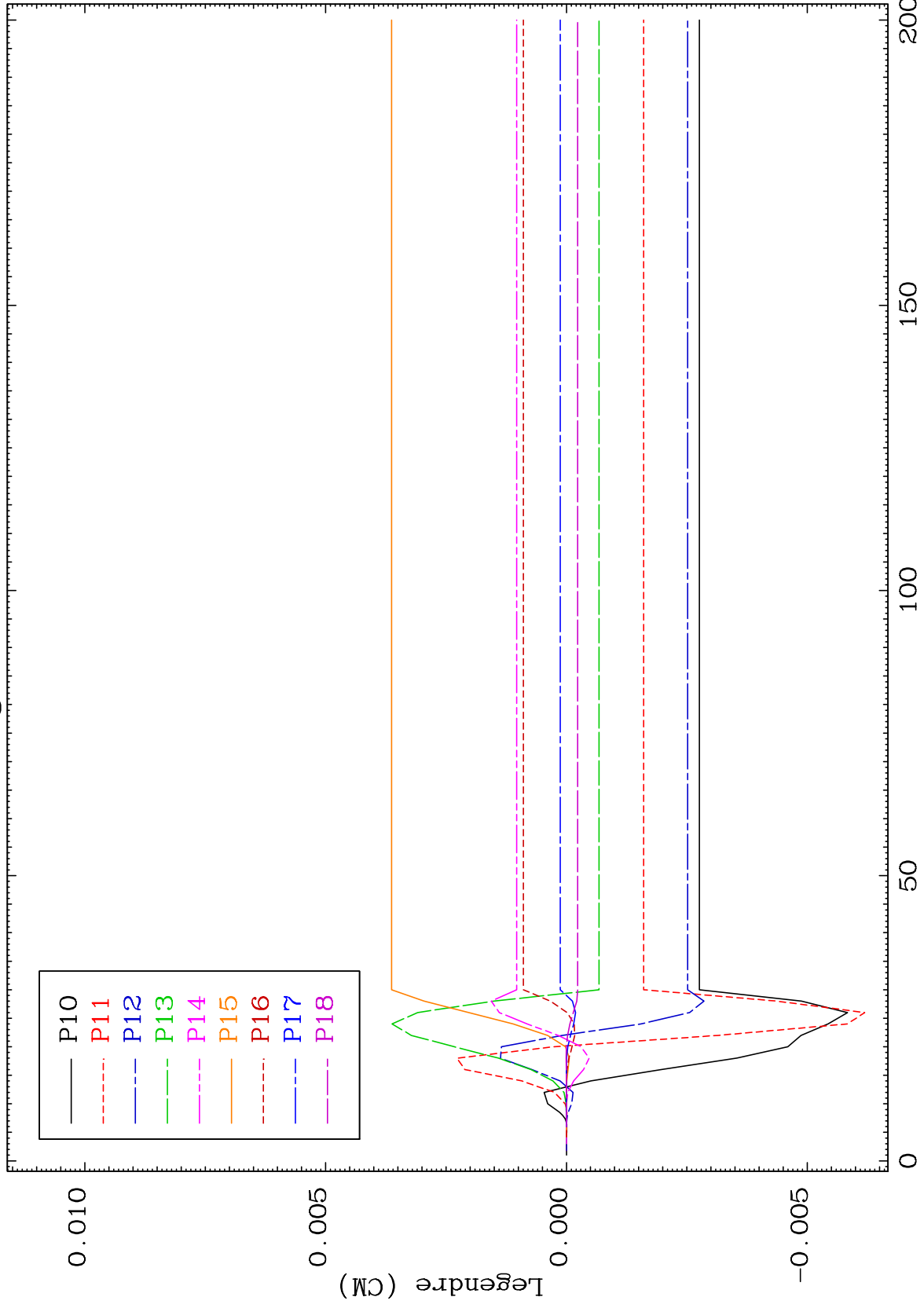
Incident Energy (MeV)

55-Cs-115

MAT 5471

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

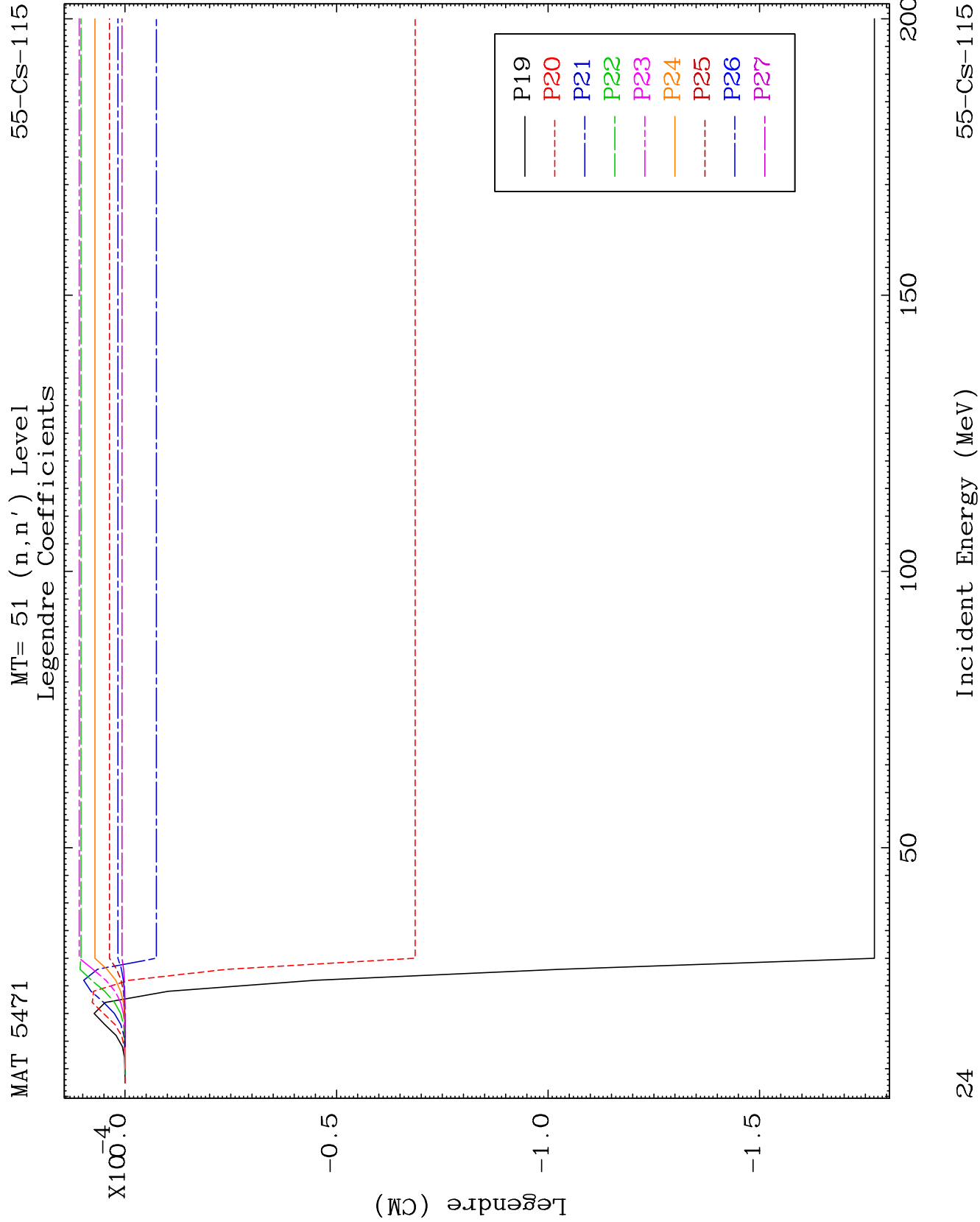
55-Cs-115

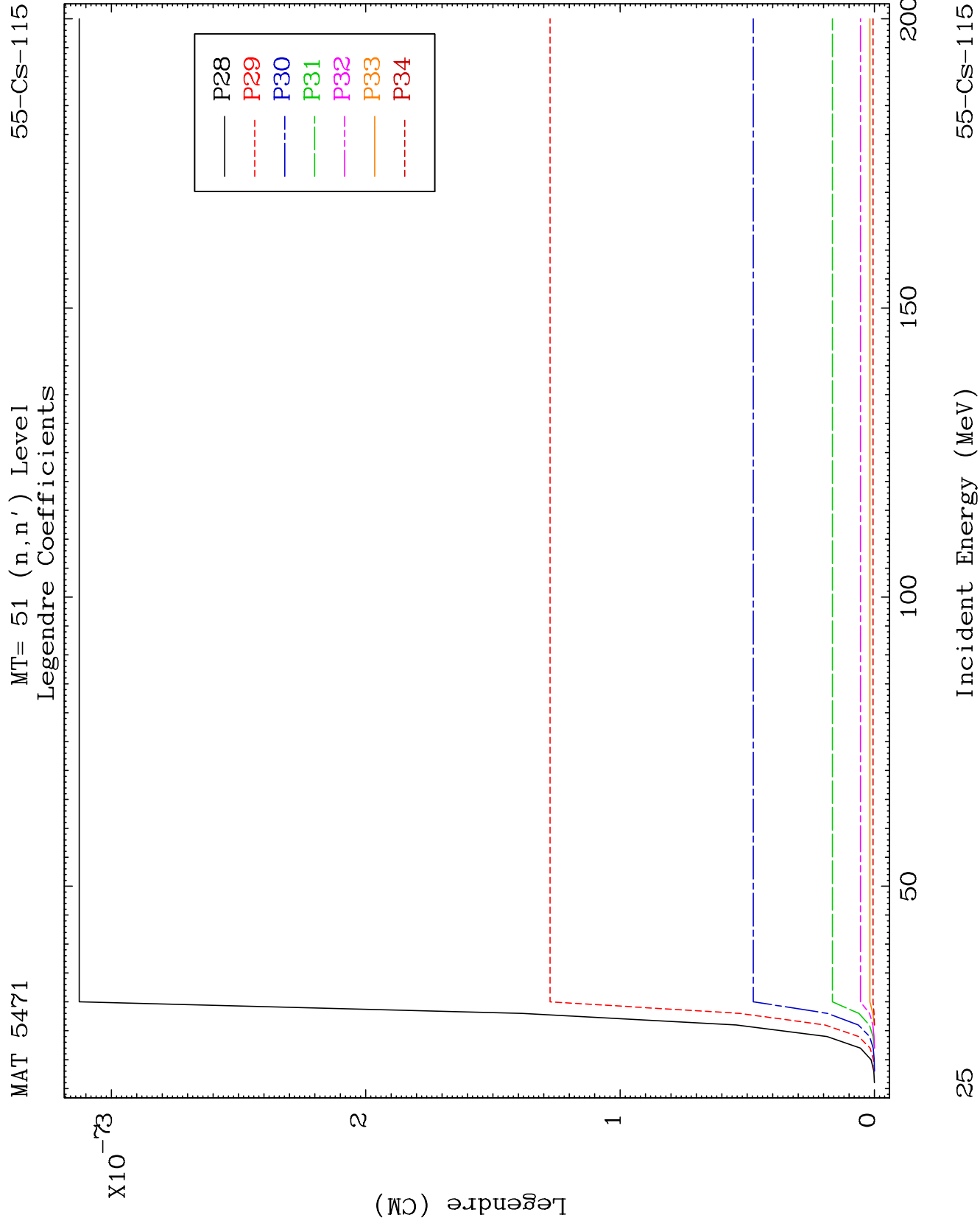


23

Incident Energy (MeV)

55-Cs-115

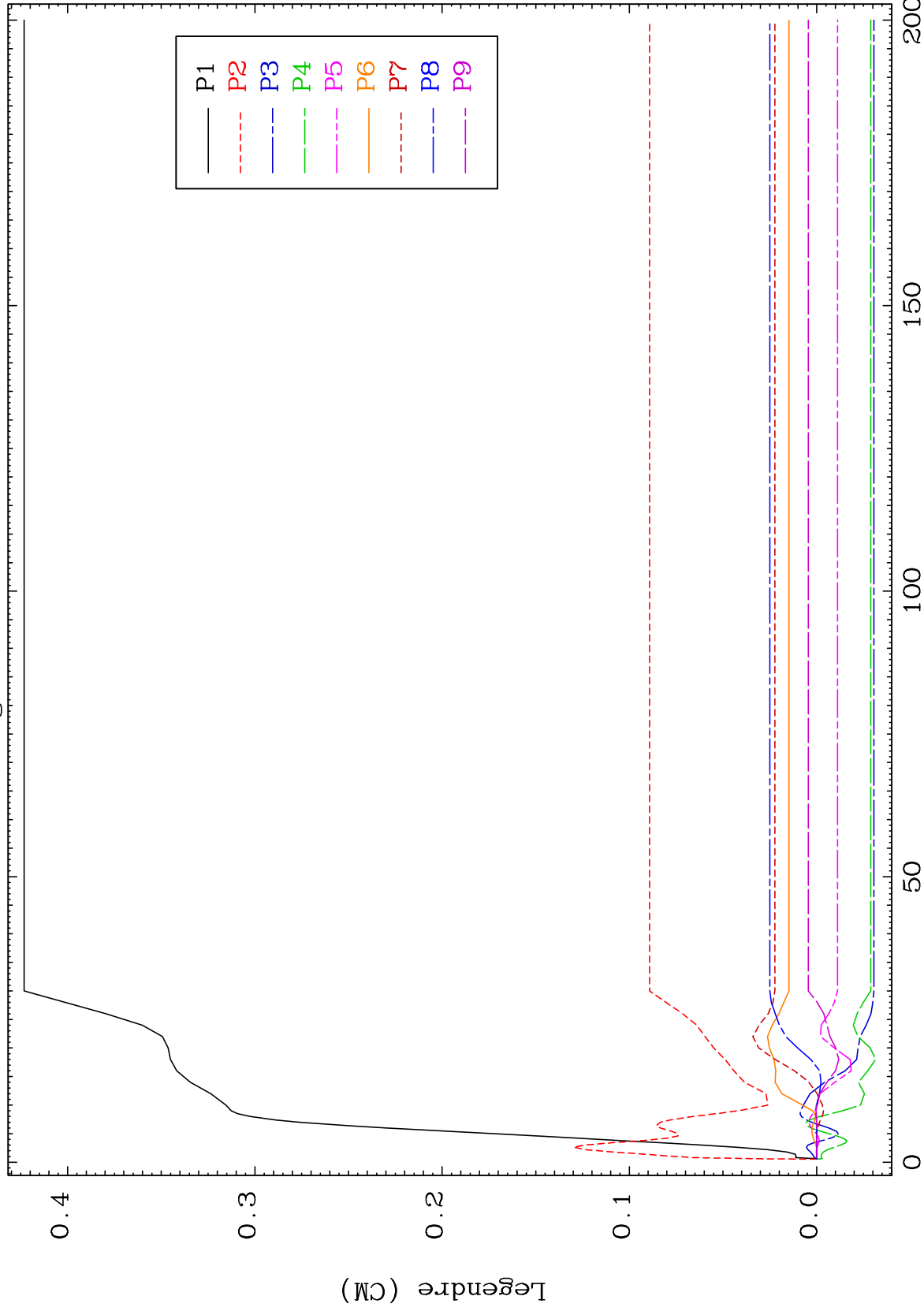




MAT 5471

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

55-Cs-115



26

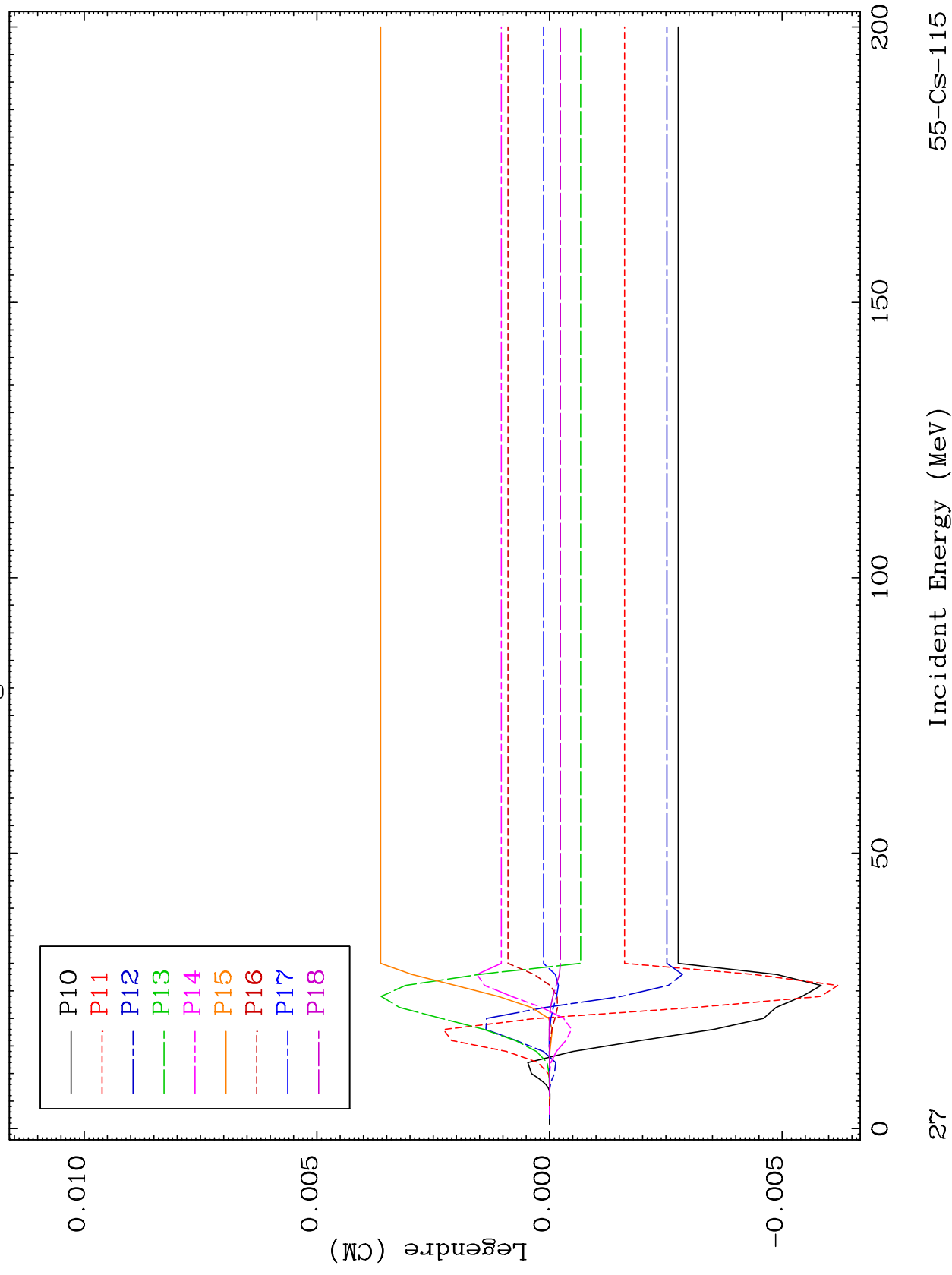
Incident Energy (MeV)

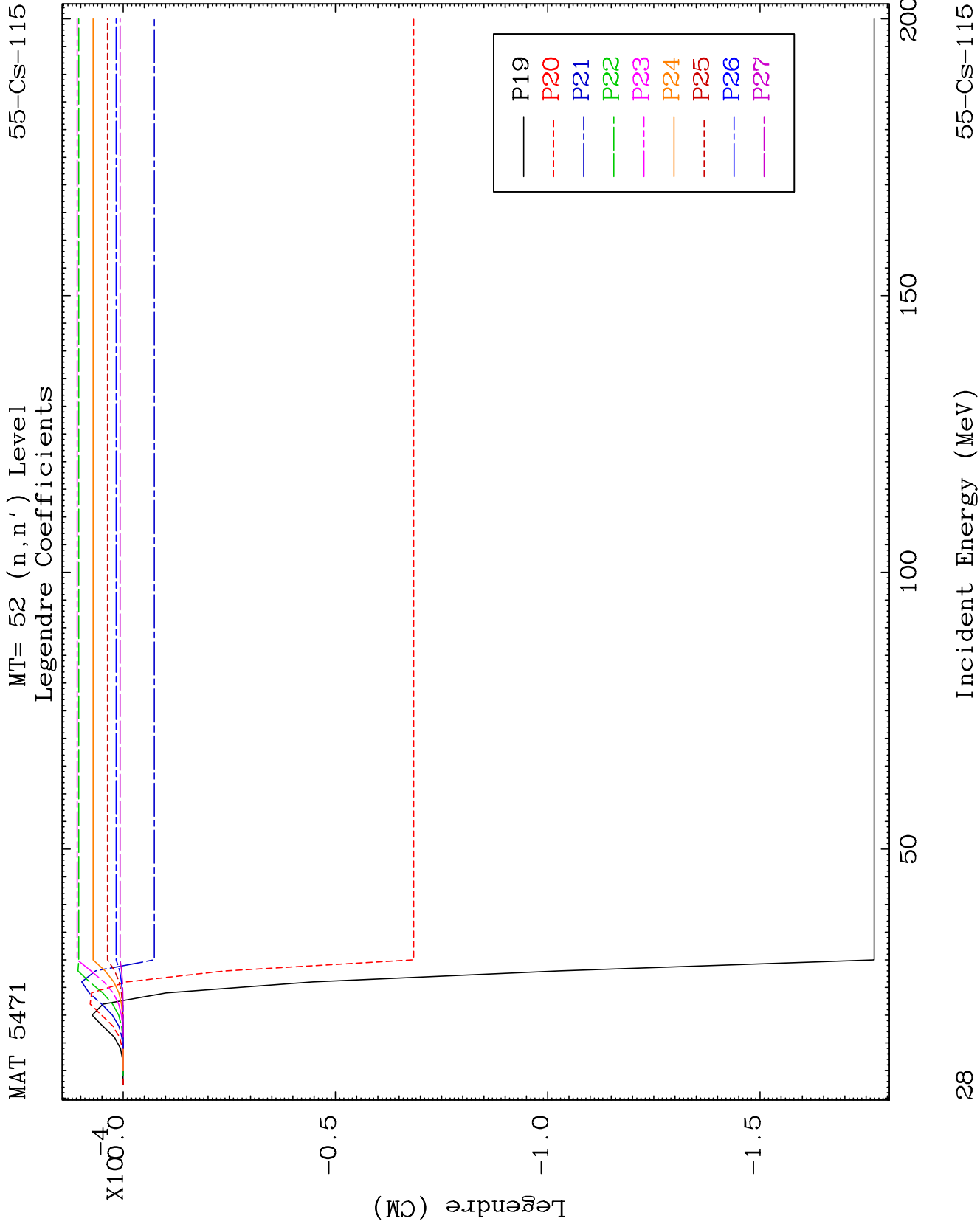
55-Cs-115

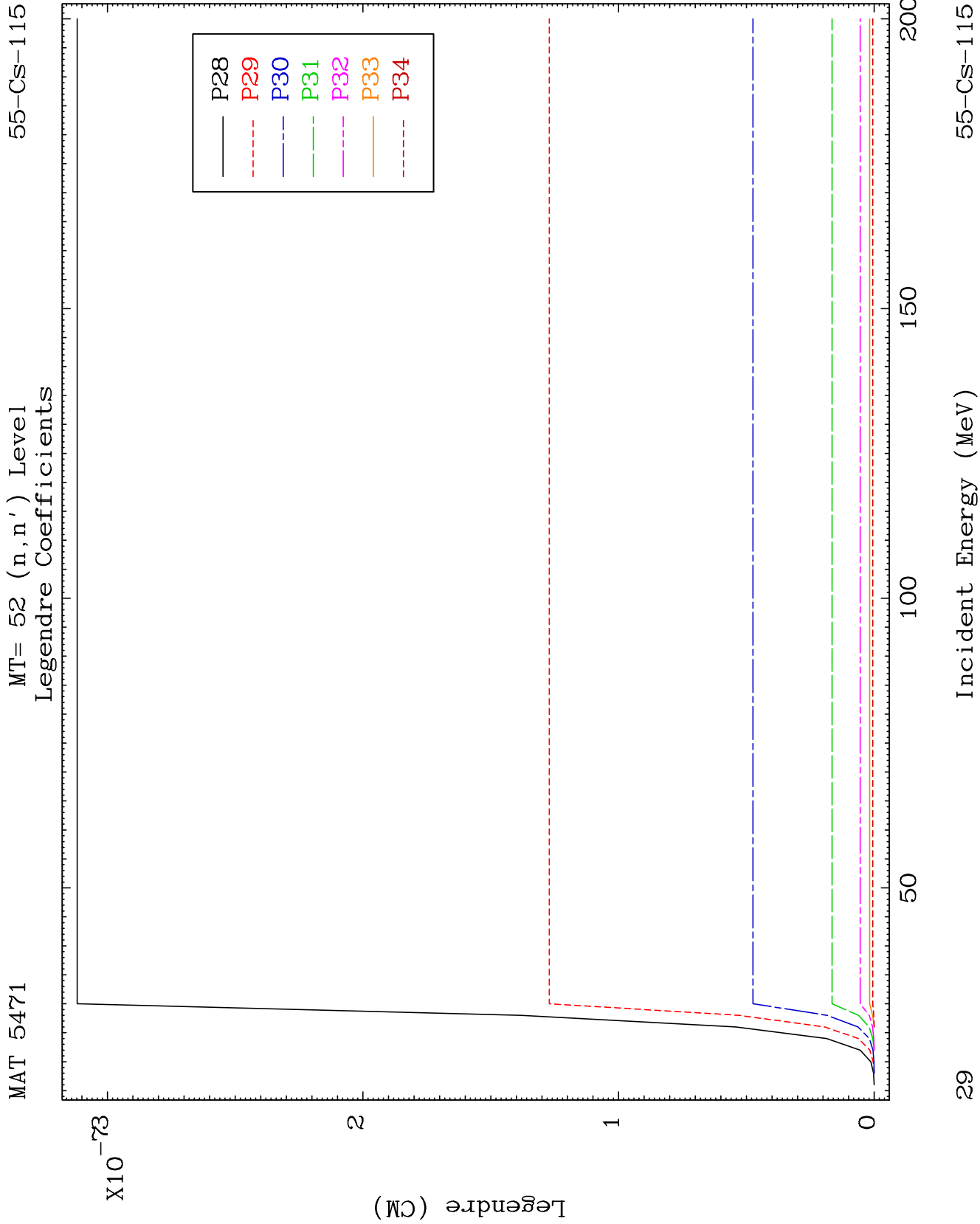
MAT 5471

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

55-CS-115



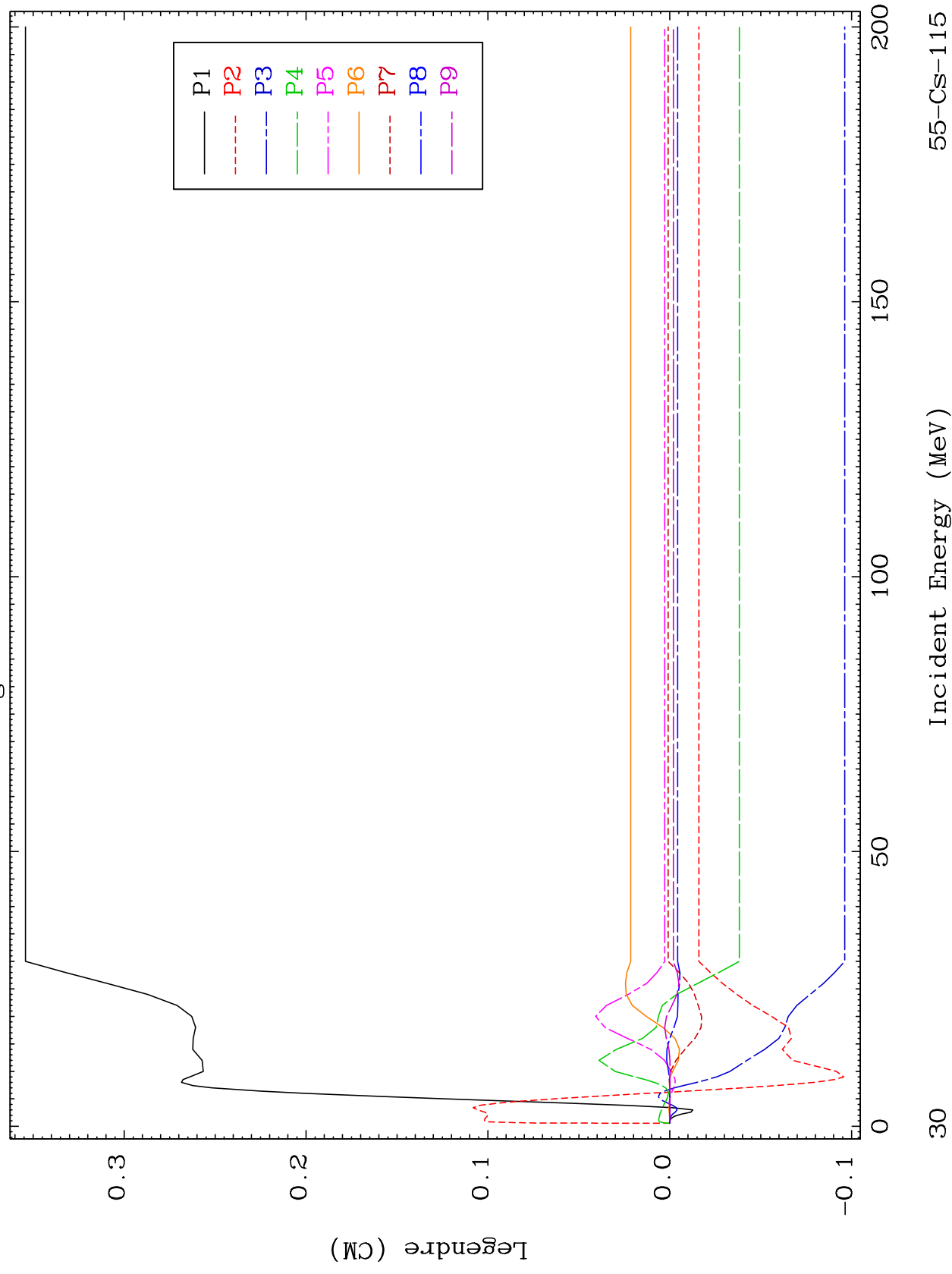




MAT 5471

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

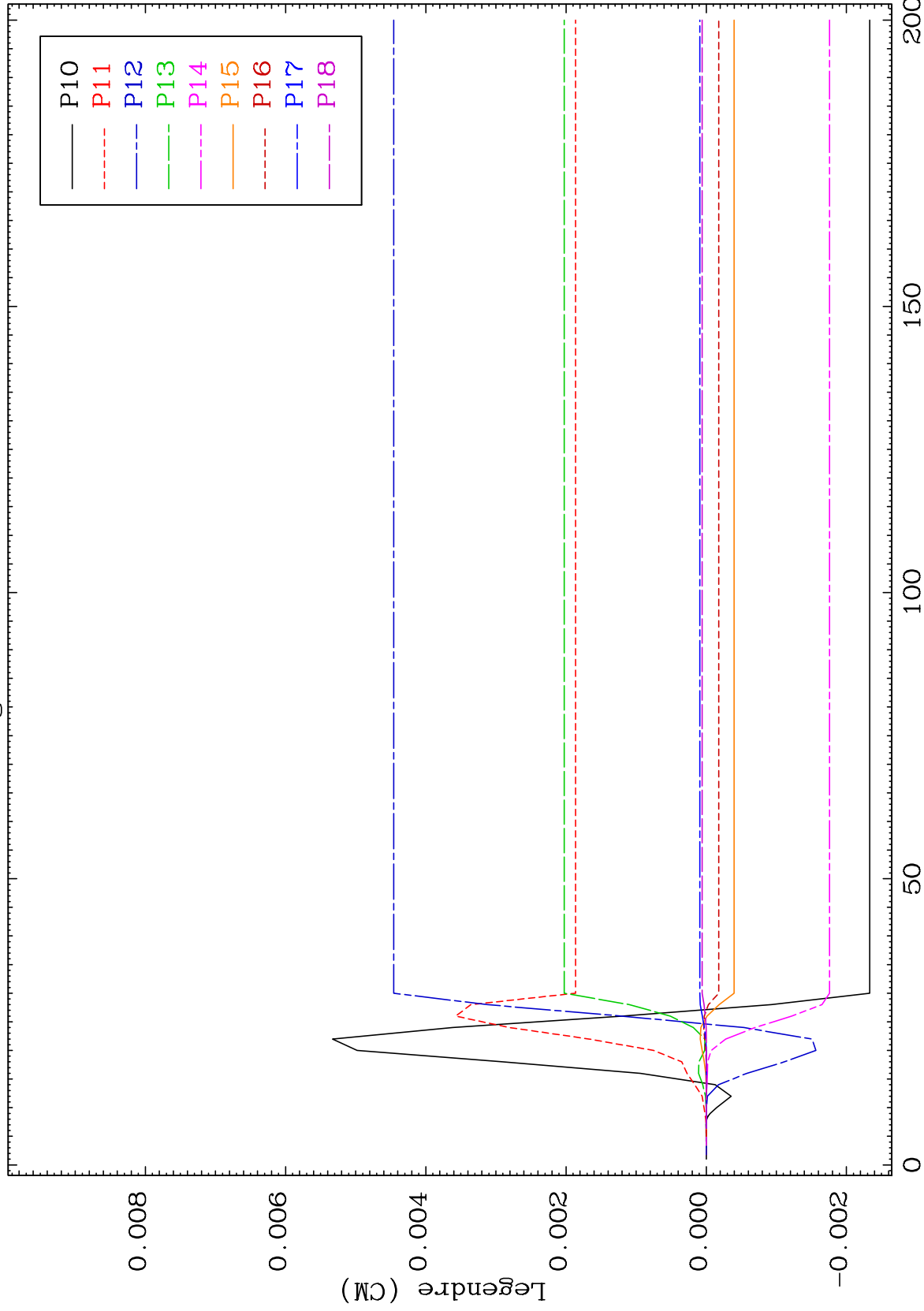
55-CS-115



MAT 5471

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

55-Cs-115



31

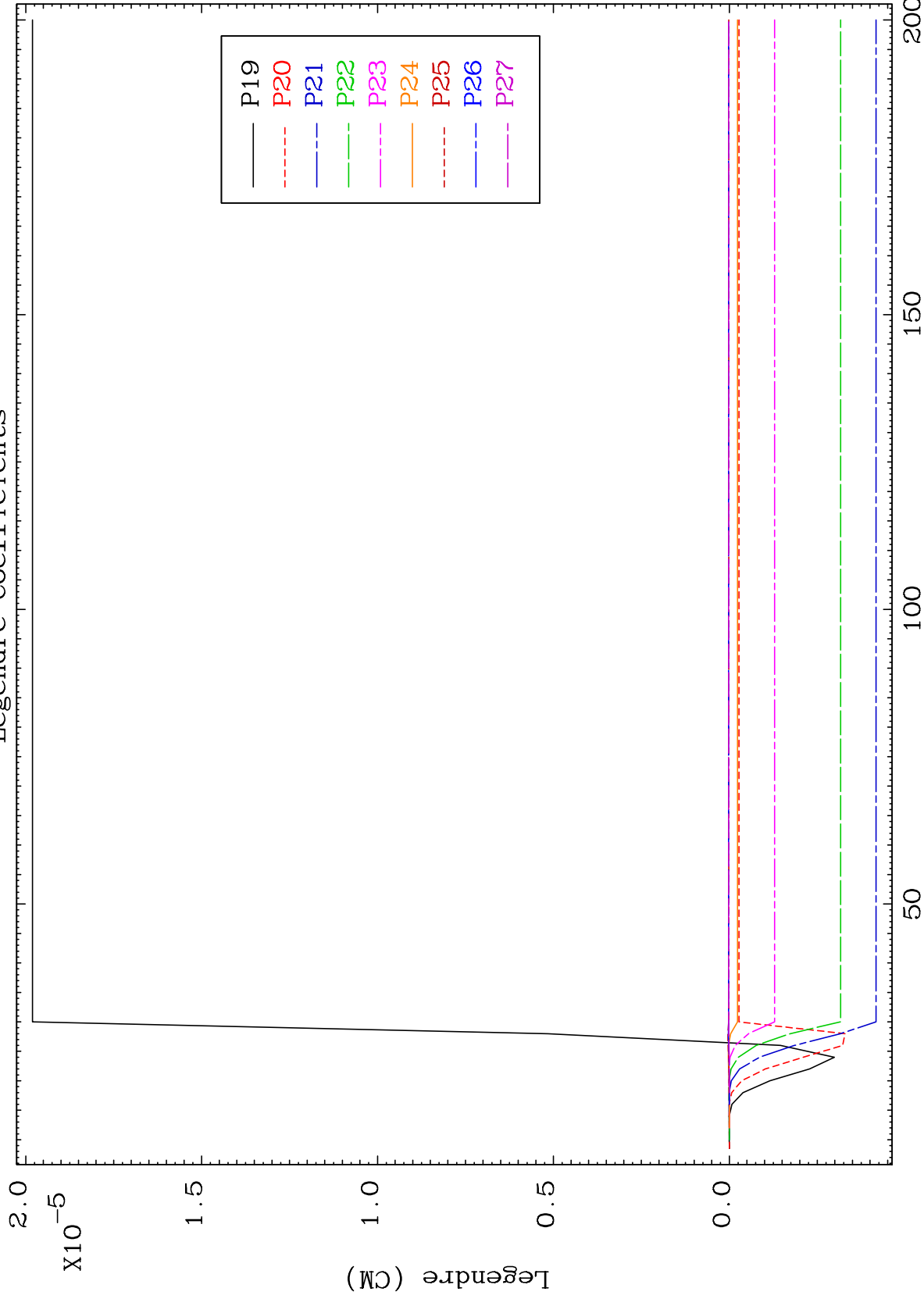
Incident Energy (MeV)

55-Cs-115

MAT 5471

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

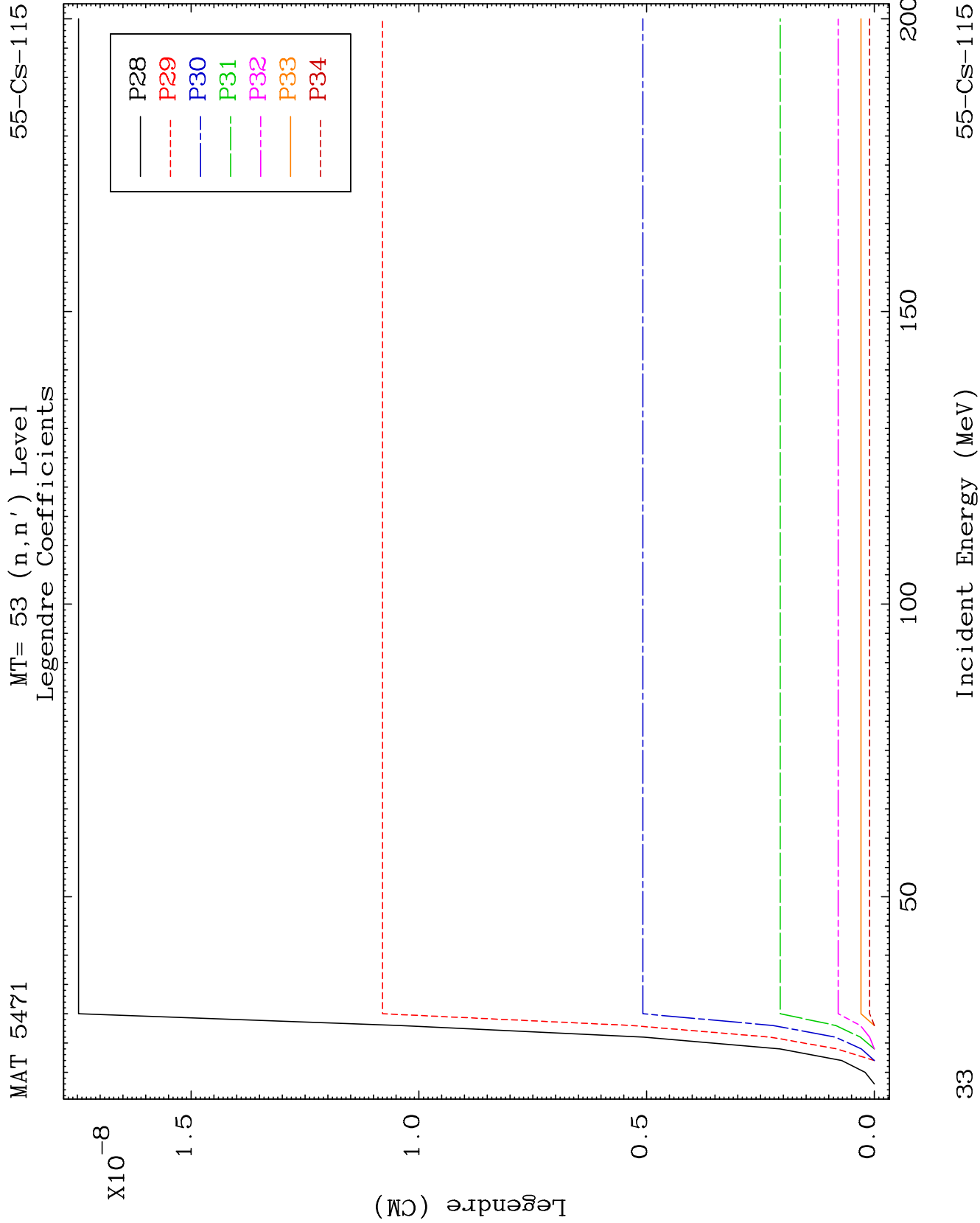
55-Cs-115



32

Incident Energy (MeV)

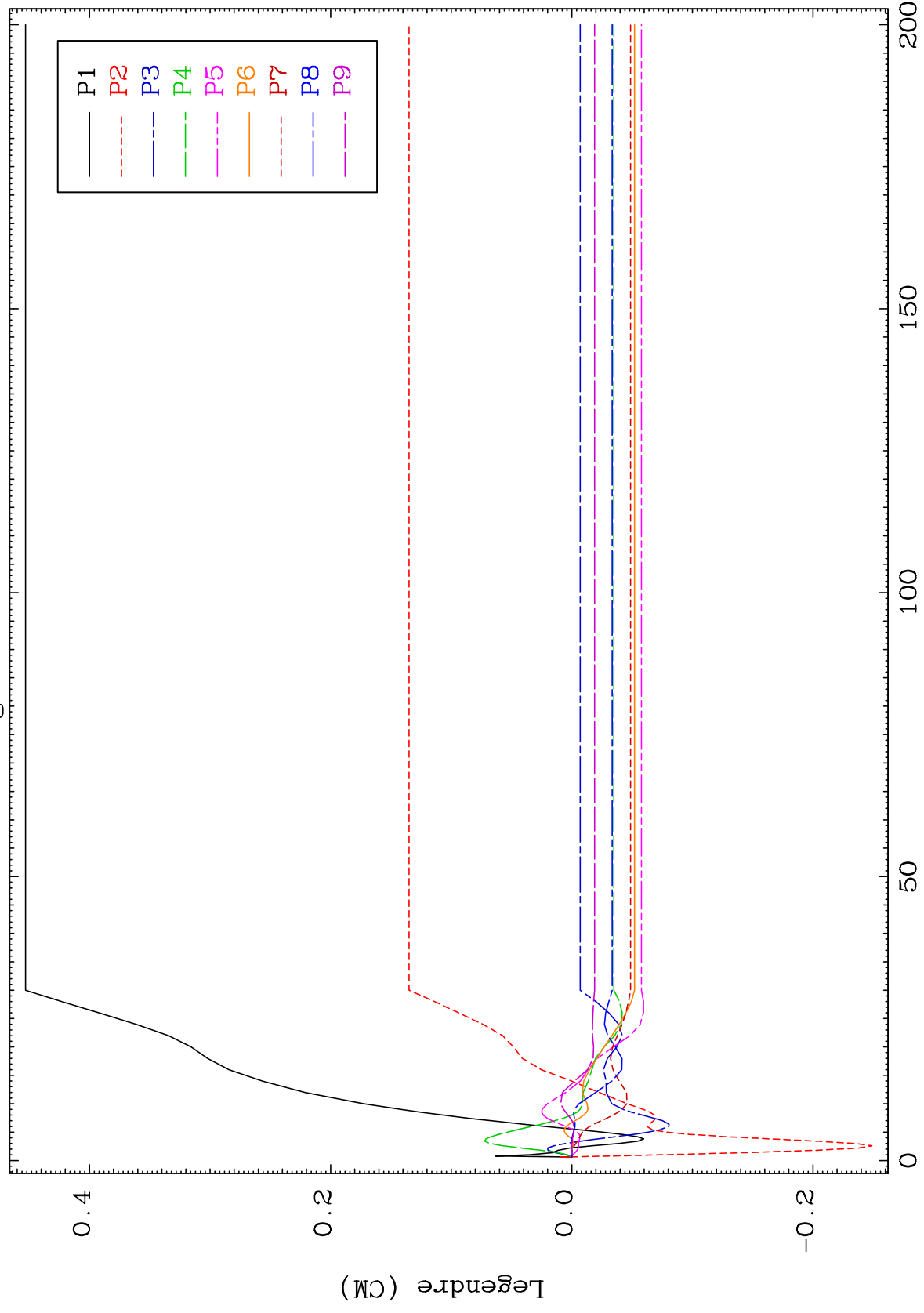
55-Cs-115



MAT 5471

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

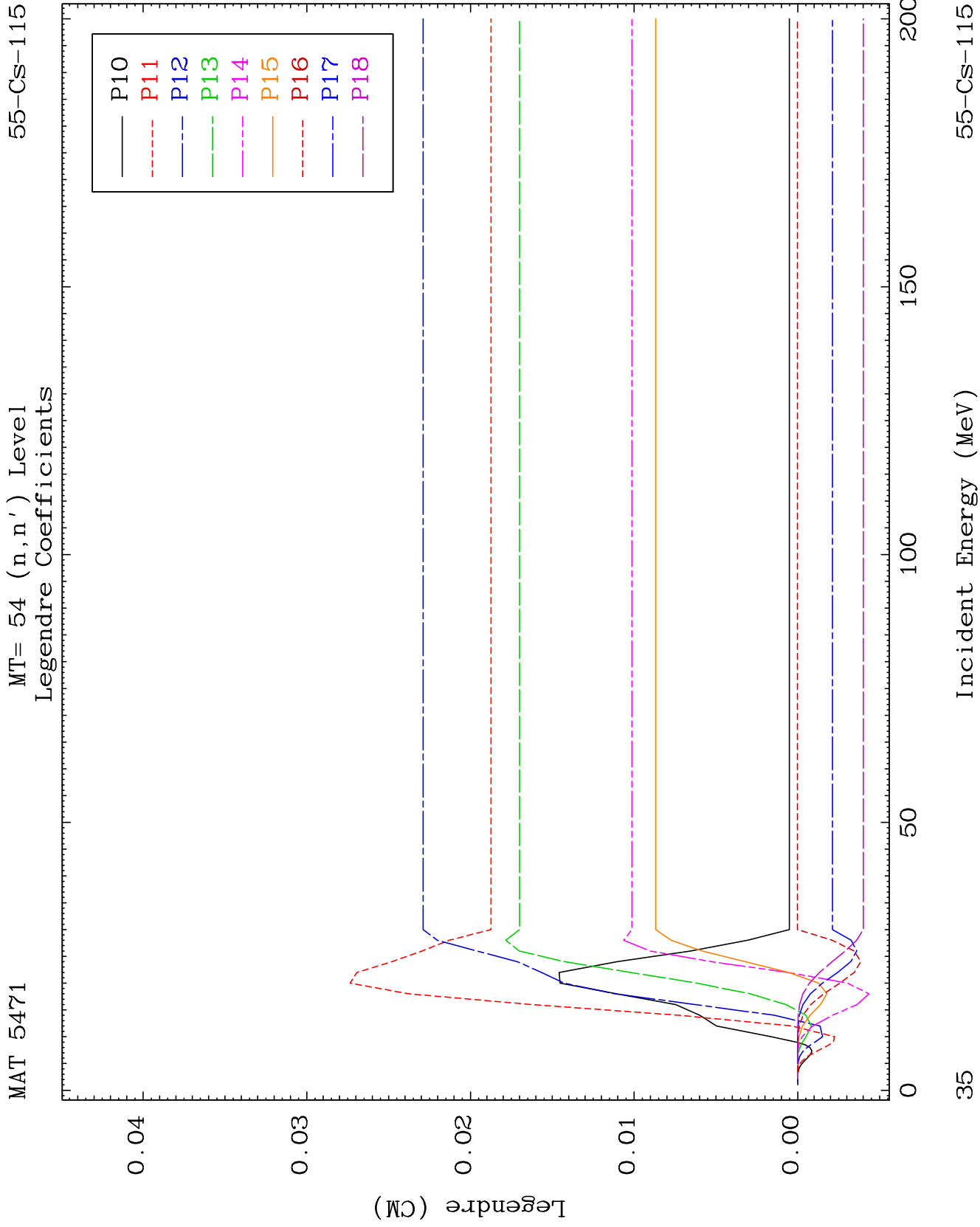
55-CS-115



34

Incident Energy (MeV)

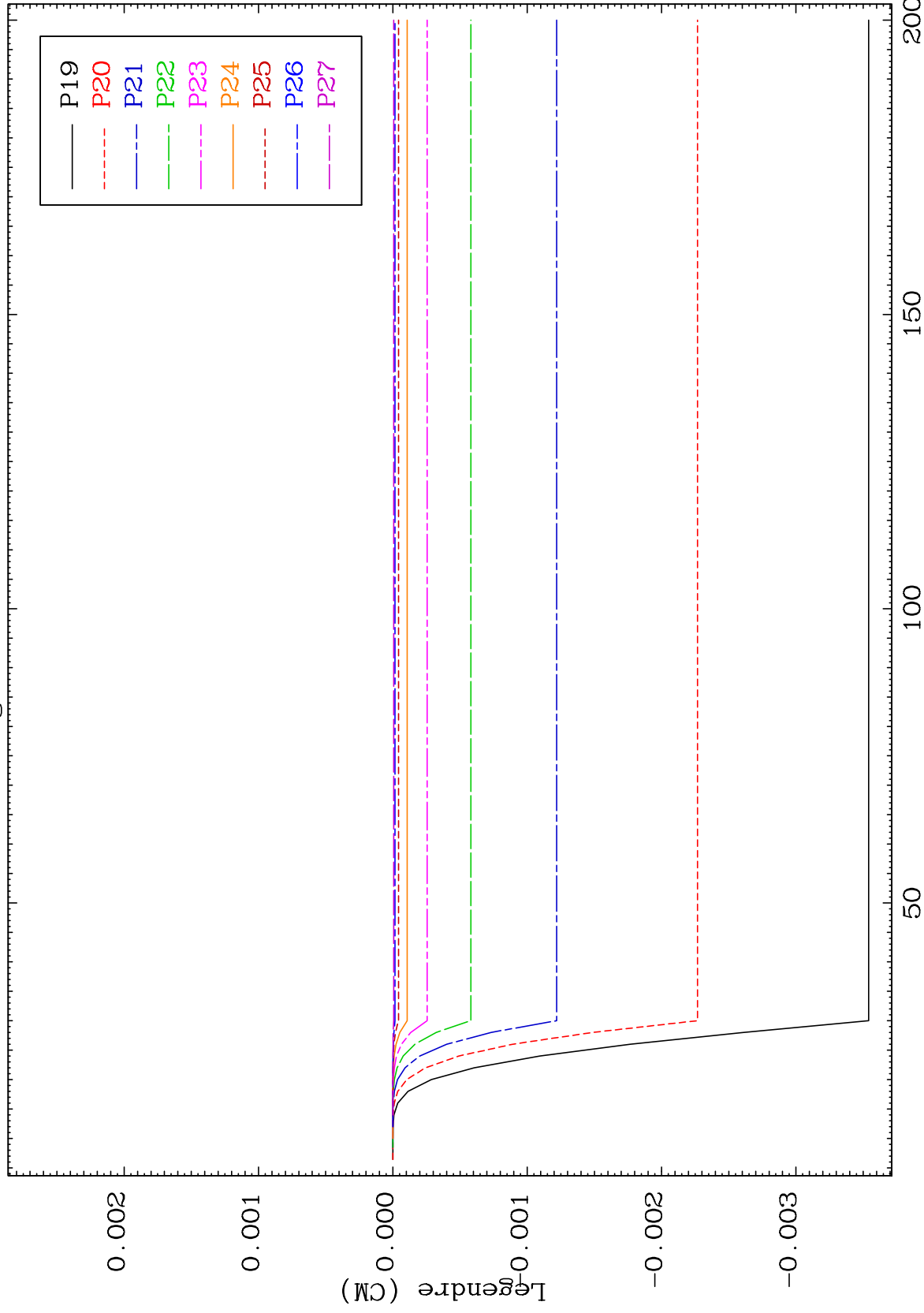
55-CS-115



MAT 5471

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

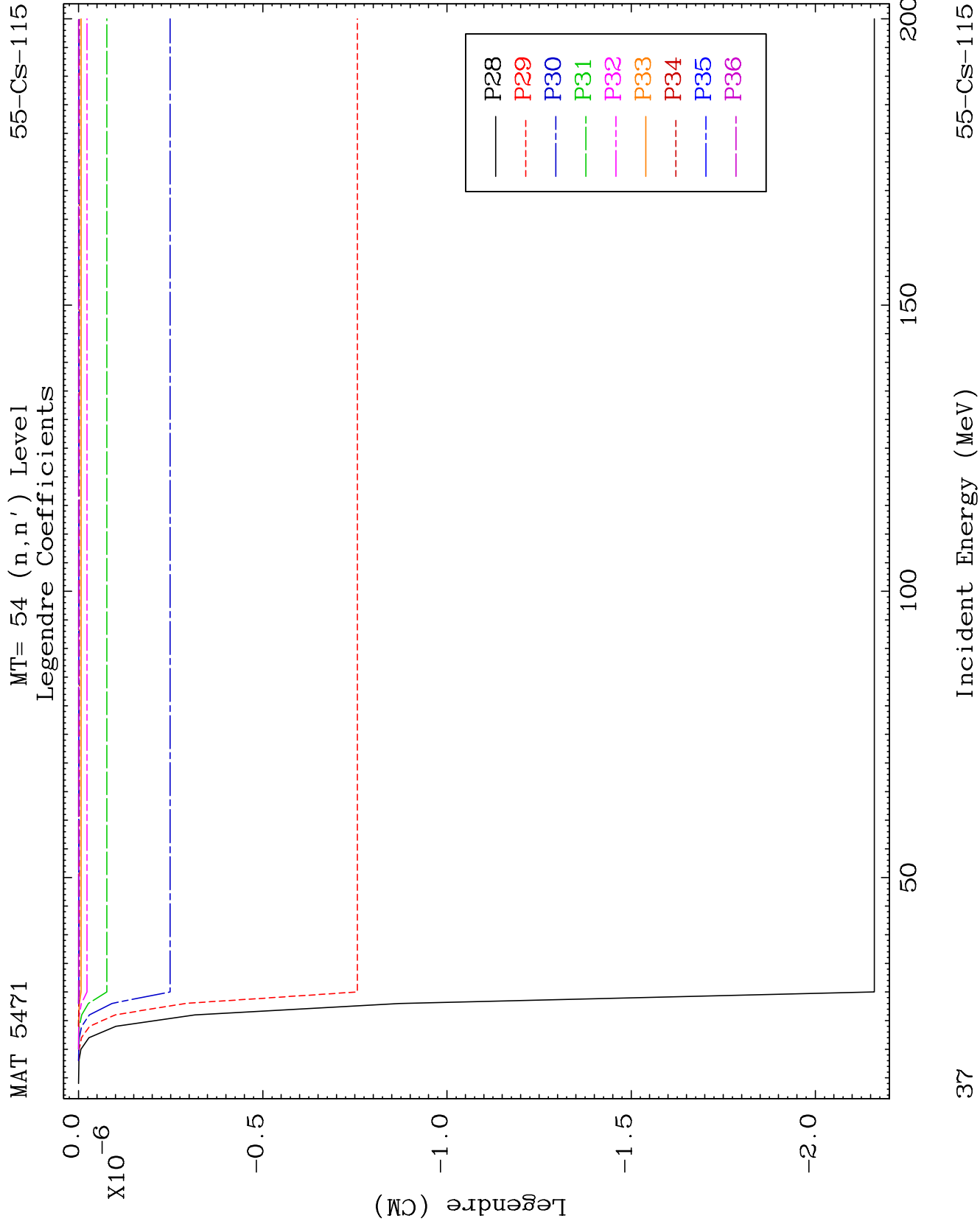
55-Cs-115

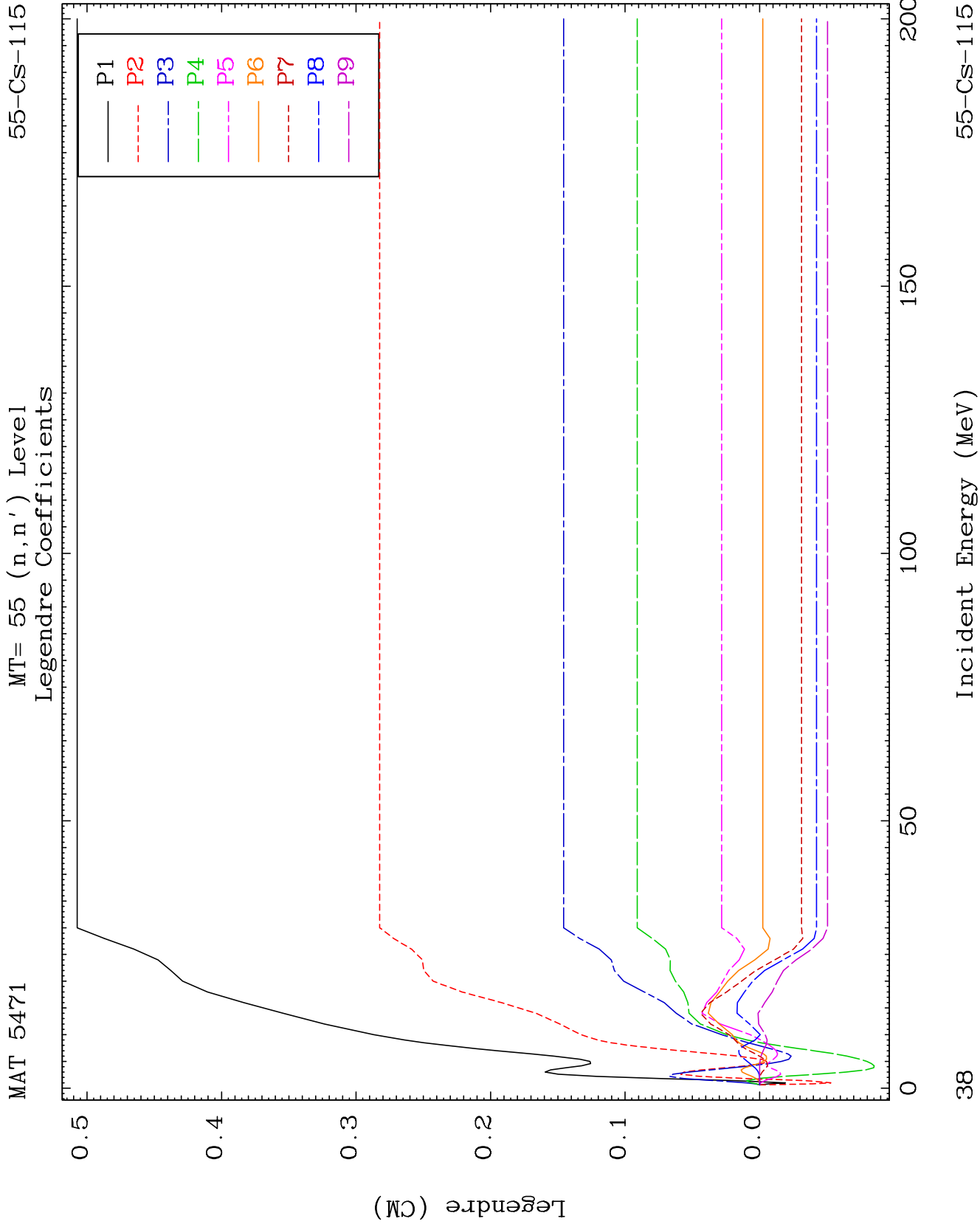


36

Incident Energy (MeV)

55-Cs-115

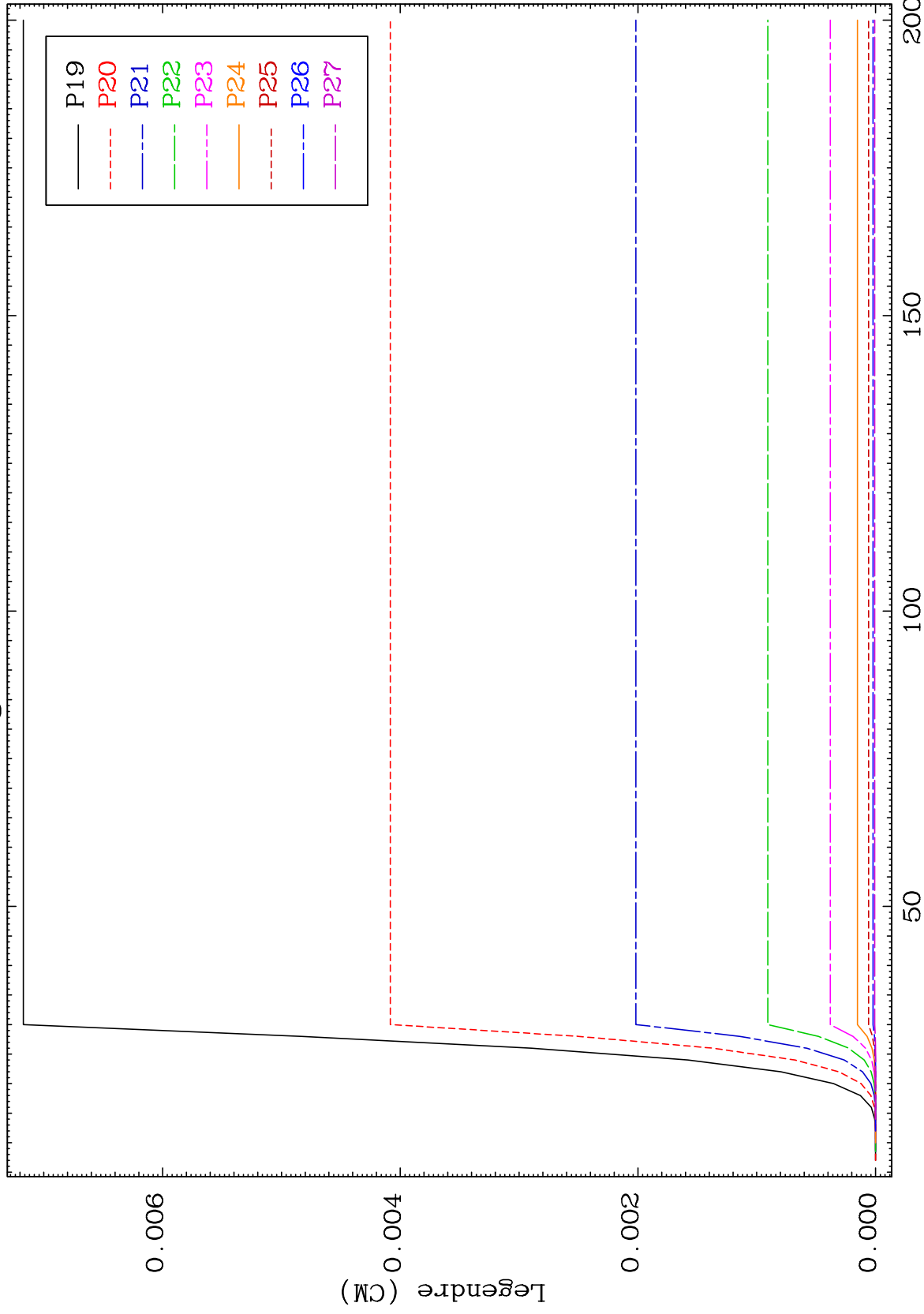




MAT 5471

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

55-Cs-115



40

50

100

150

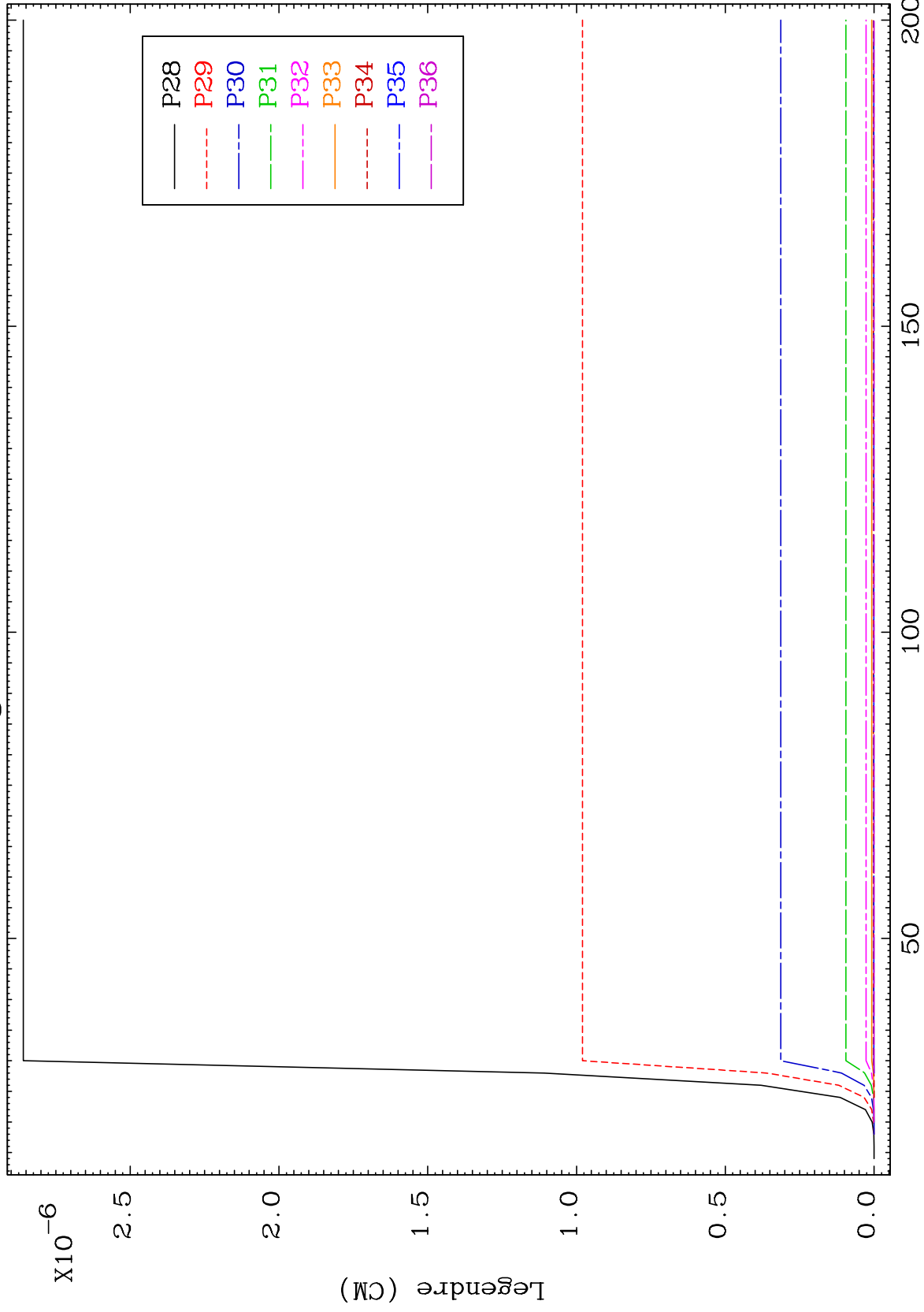
200

55-Cs-115

MAT 5471

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

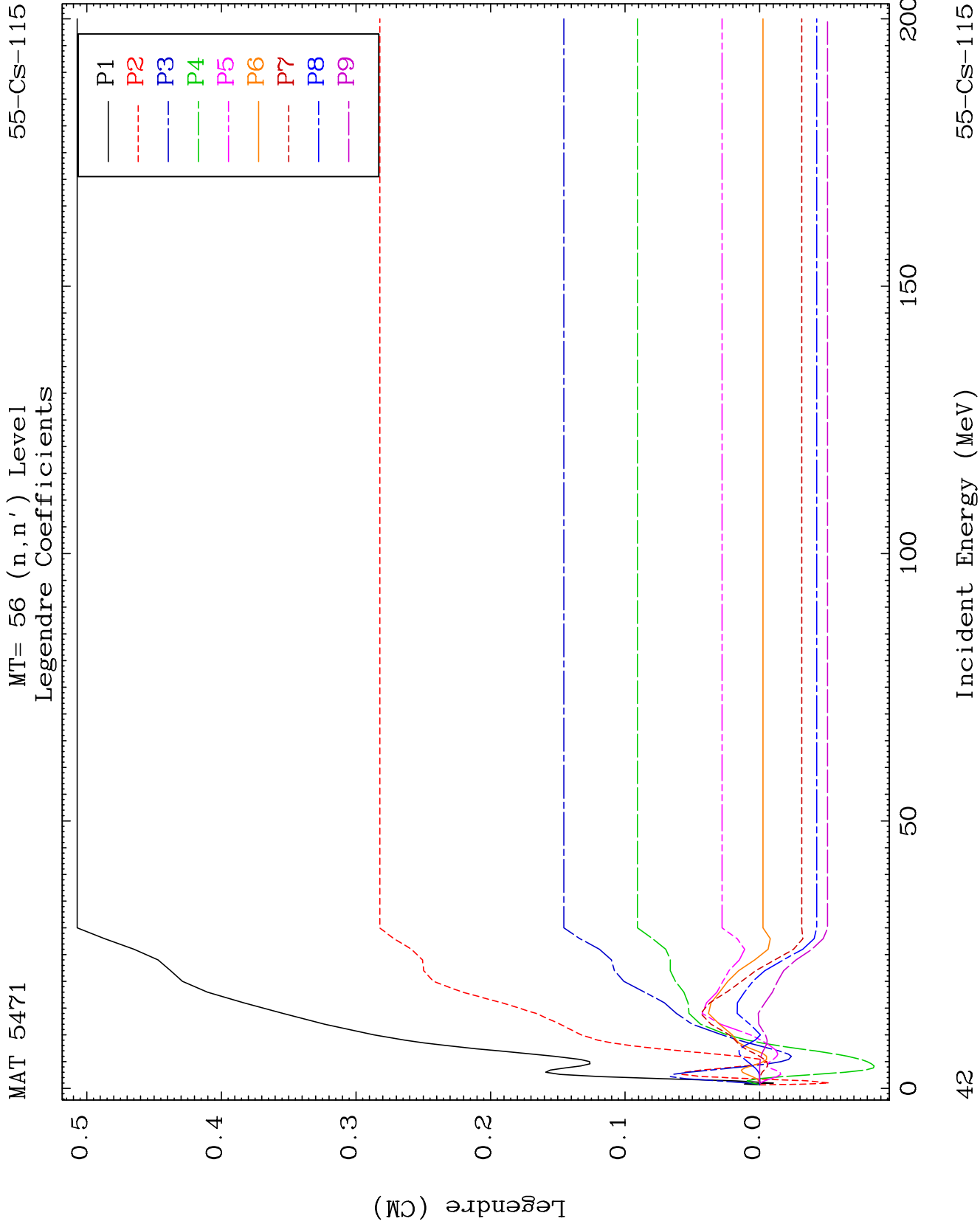
55-Cs-115

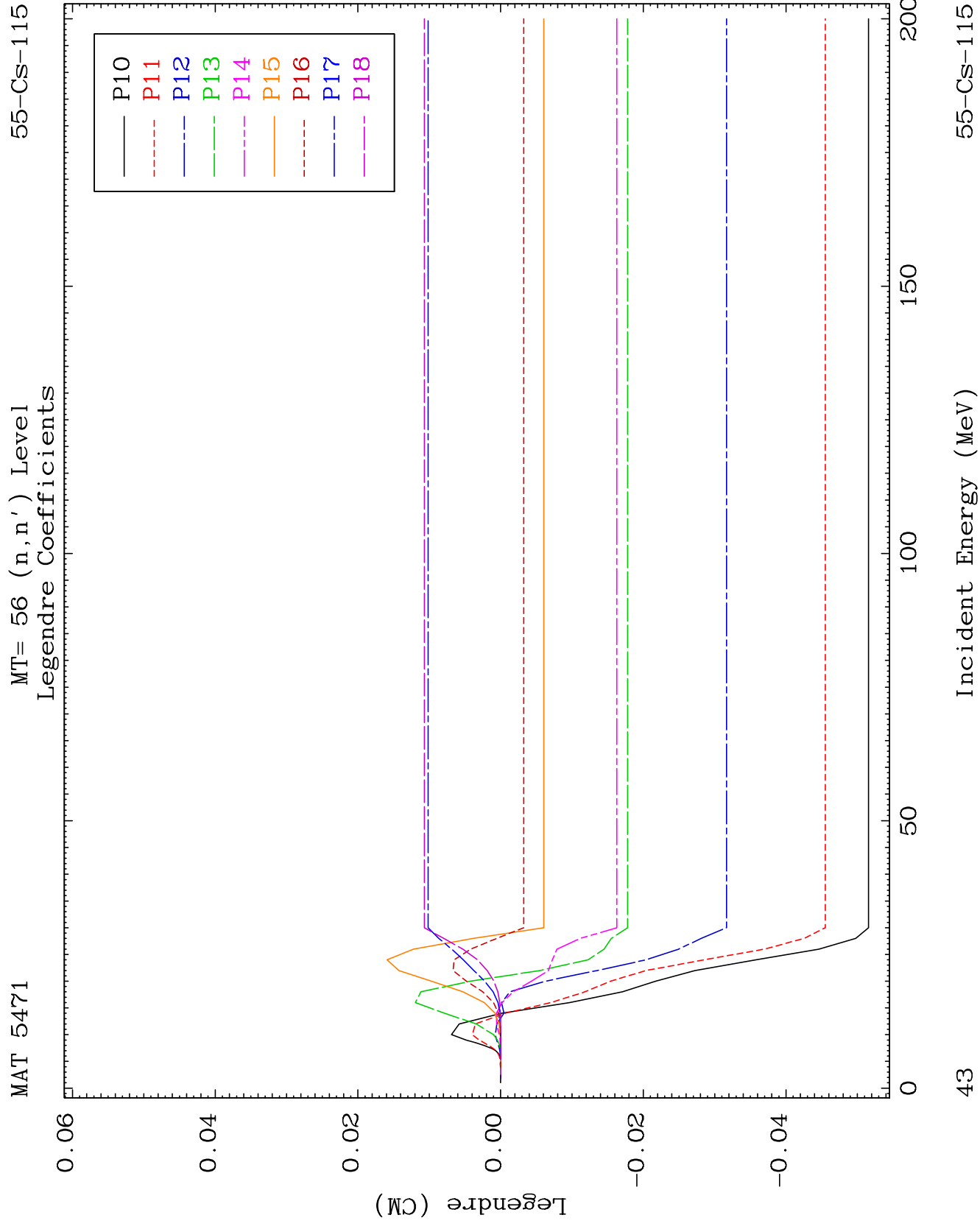


41

Incident Energy (MeV)

55-Cs-115

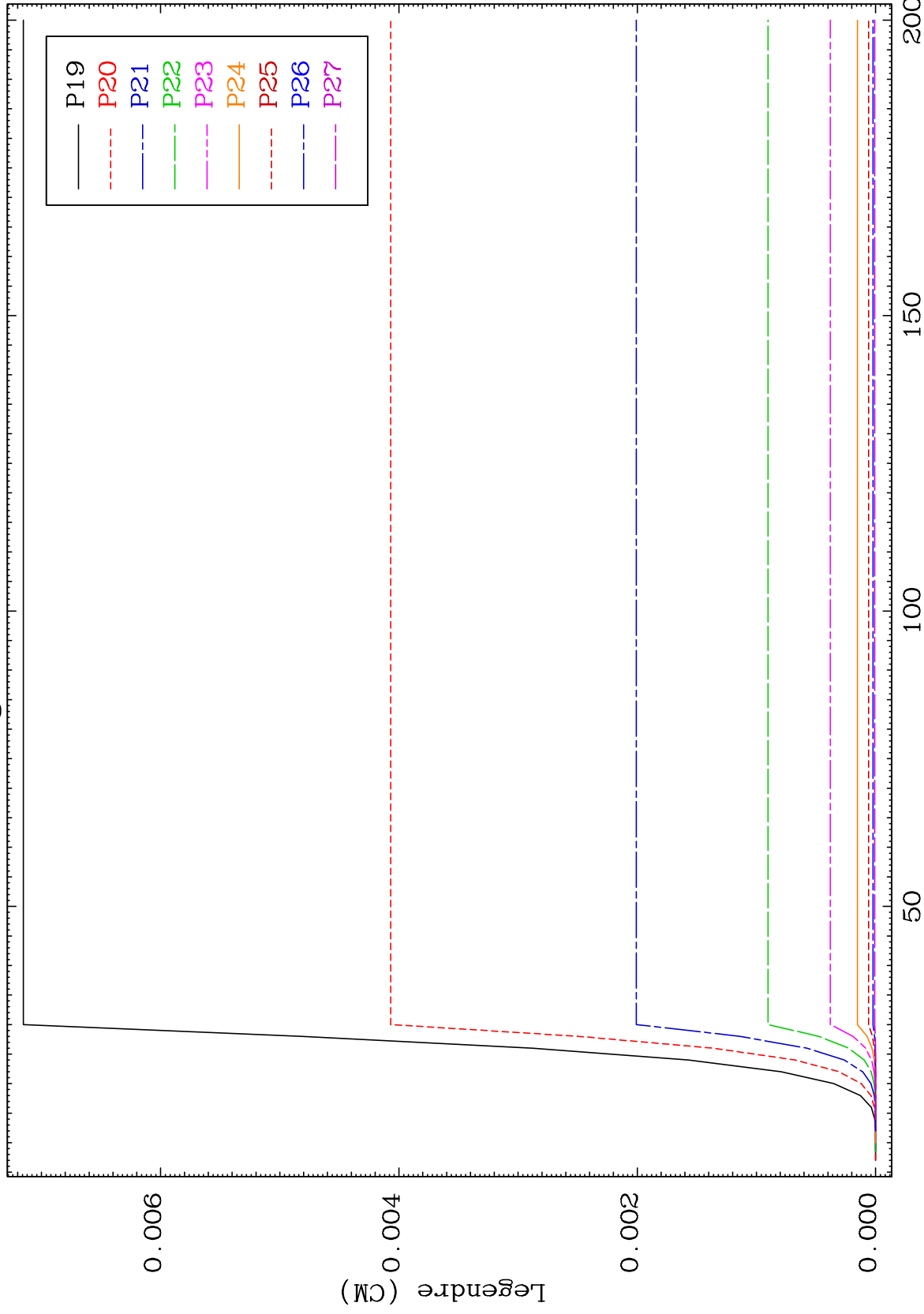




MAT 5471

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

55-Cs-115



44

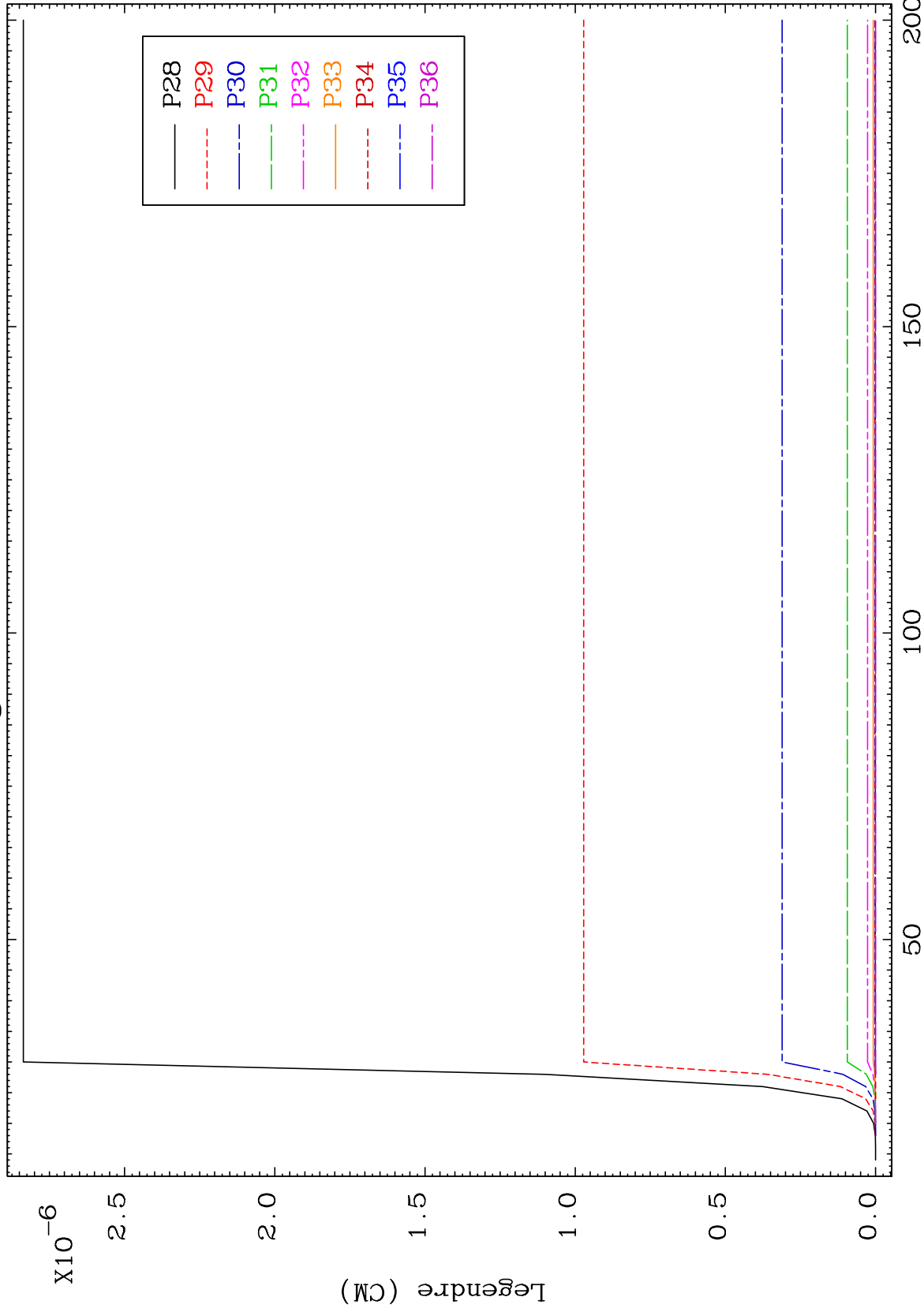
Incident Energy (MeV)

55-Cs-115

MAT 5471

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

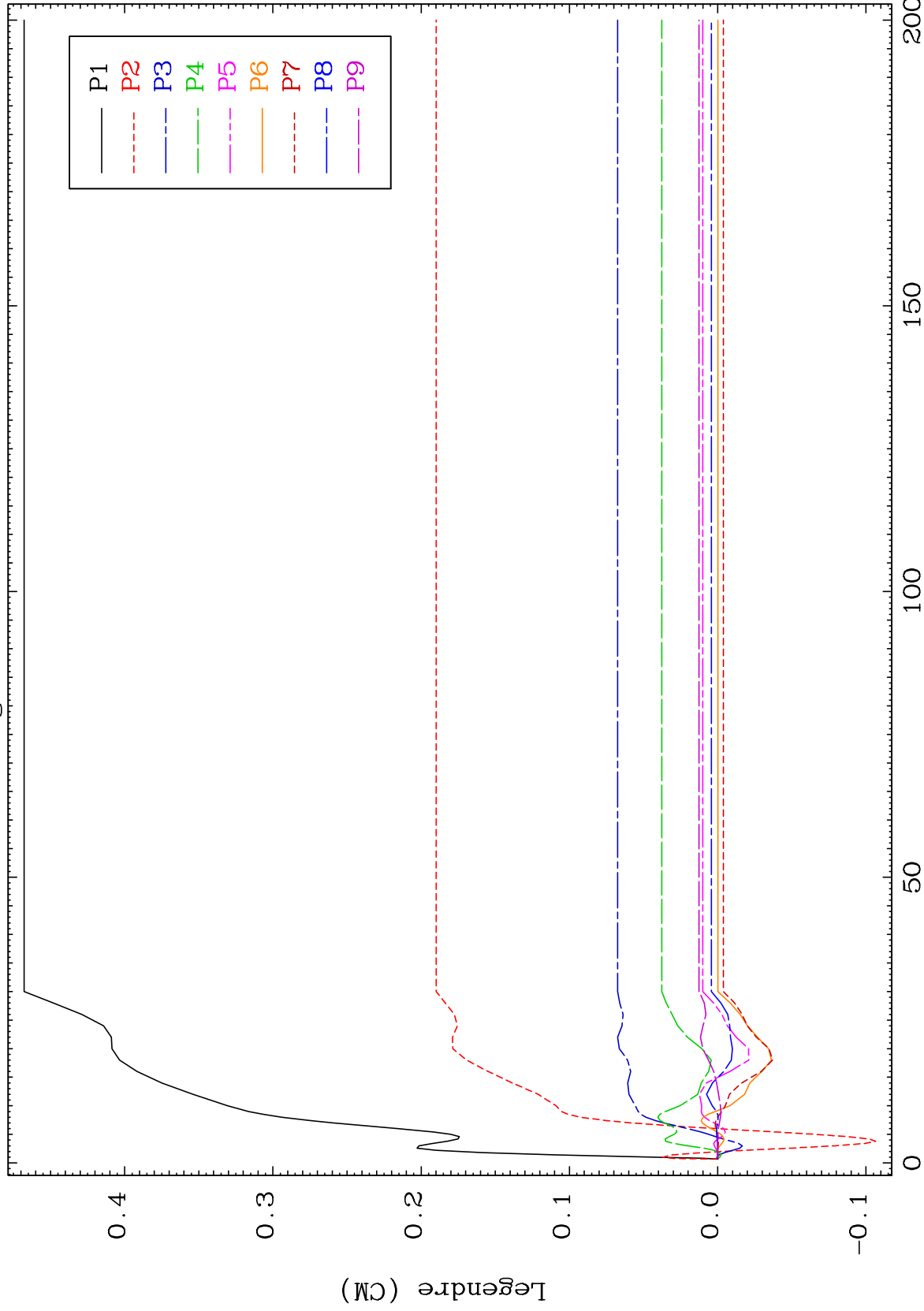
55-Cs-115



MAT 5471

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

55-Cs-115



46

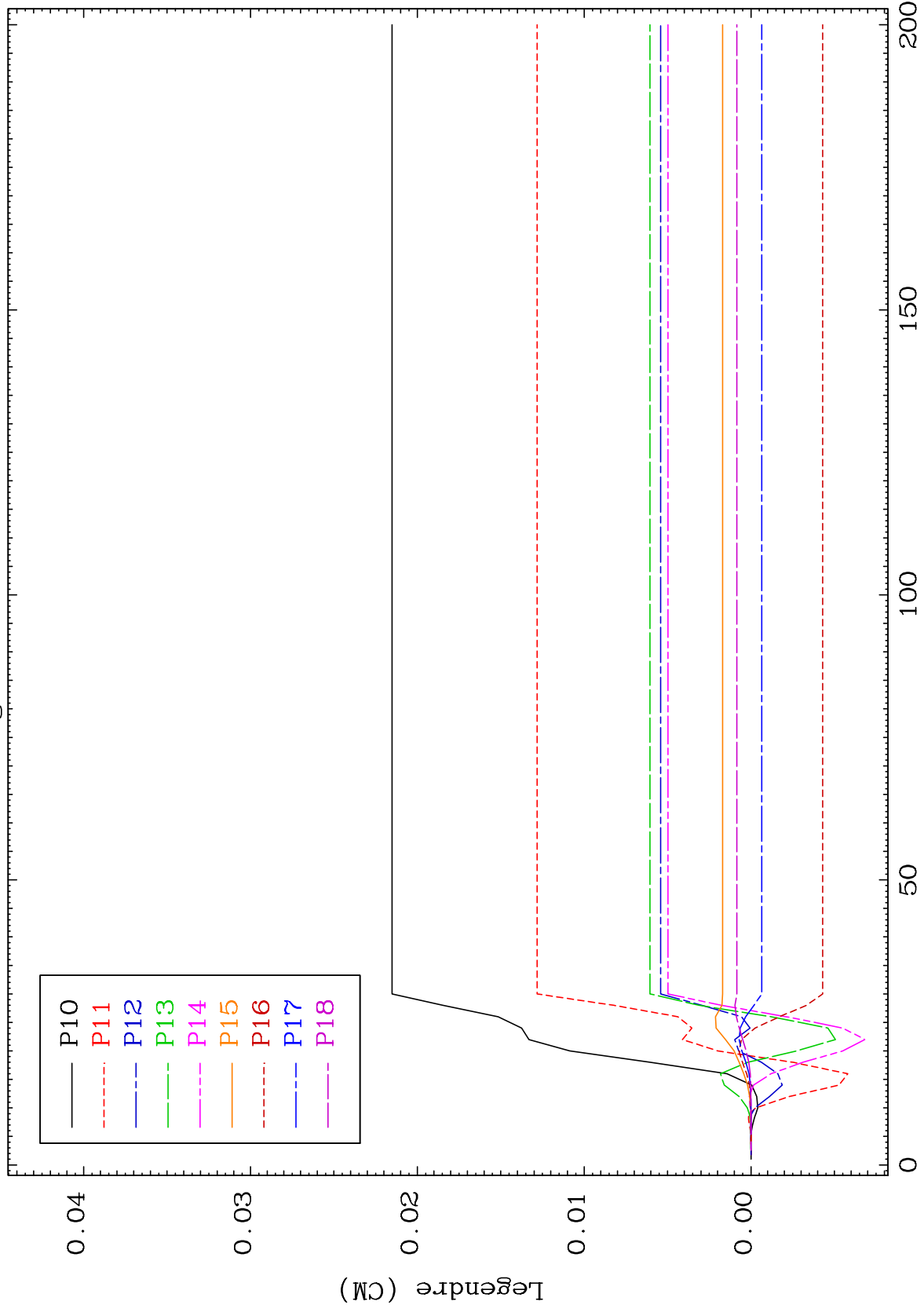
Incident Energy (MeV)

55-Cs-115

MAT 5471

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

55-Cs-115



47

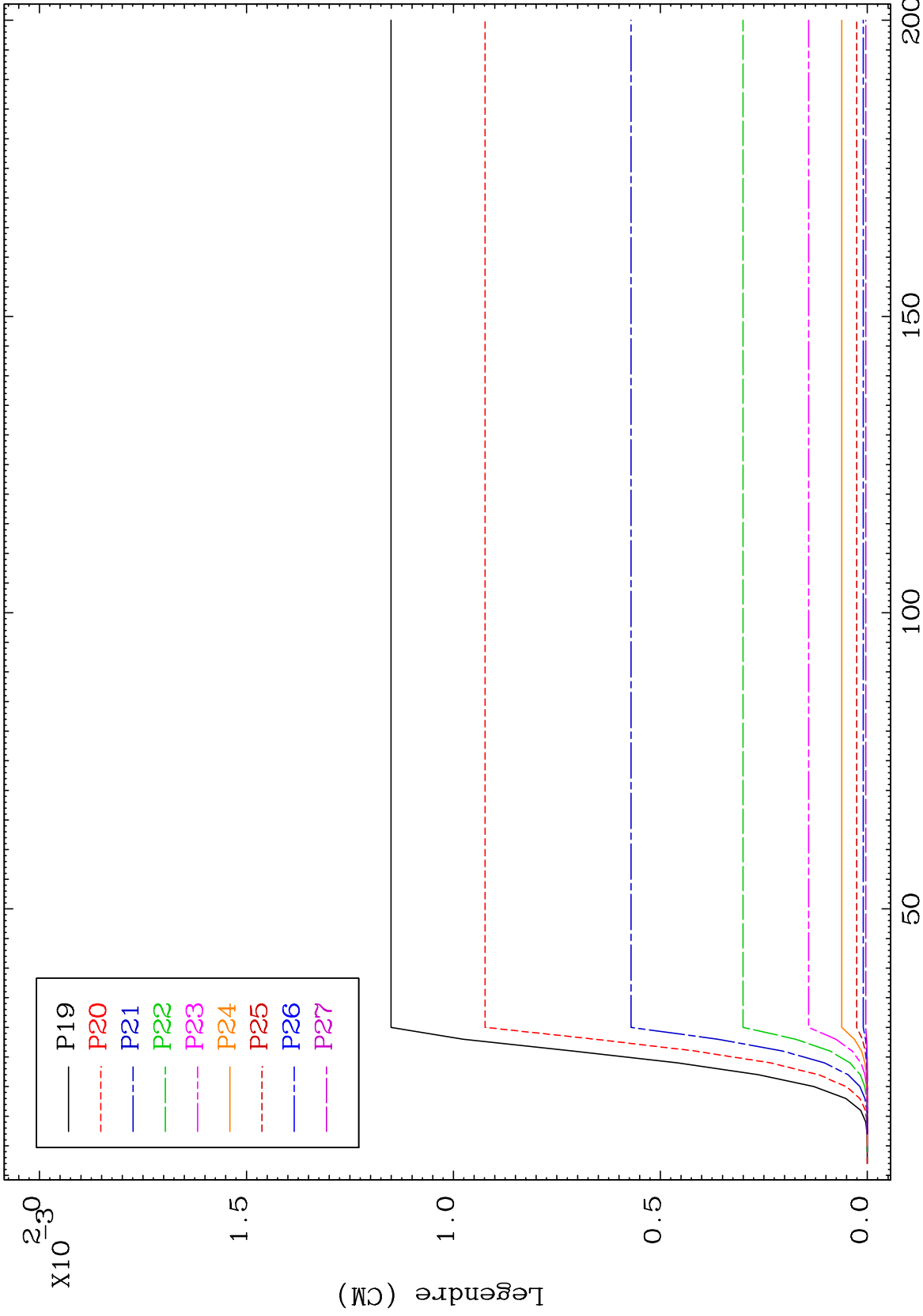
Incident Energy (MeV)

55-Cs-115

MAT 5471

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

55-Cs-115



48

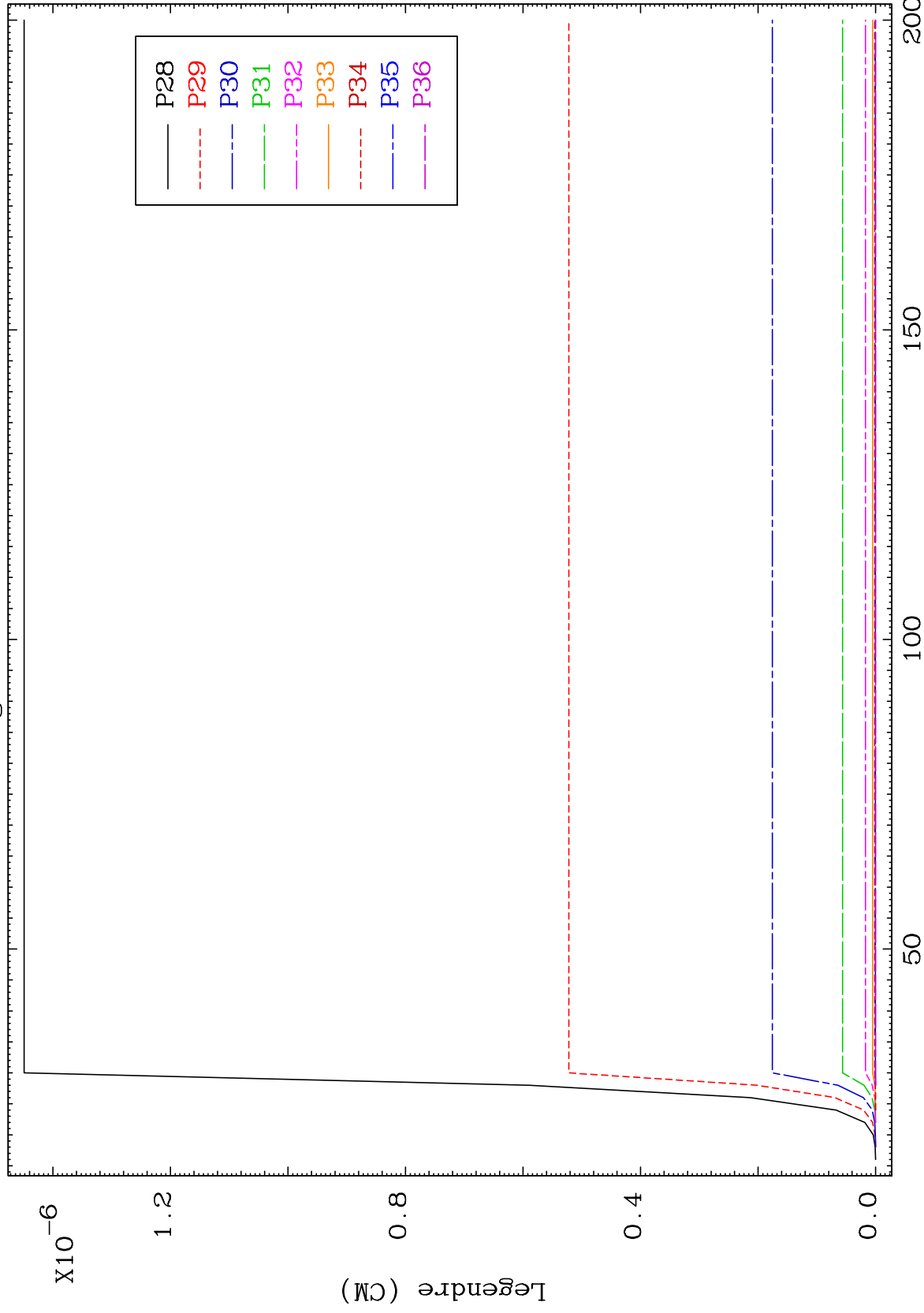
Incident Energy (MeV)

55-Cs-115

MAT 5471

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

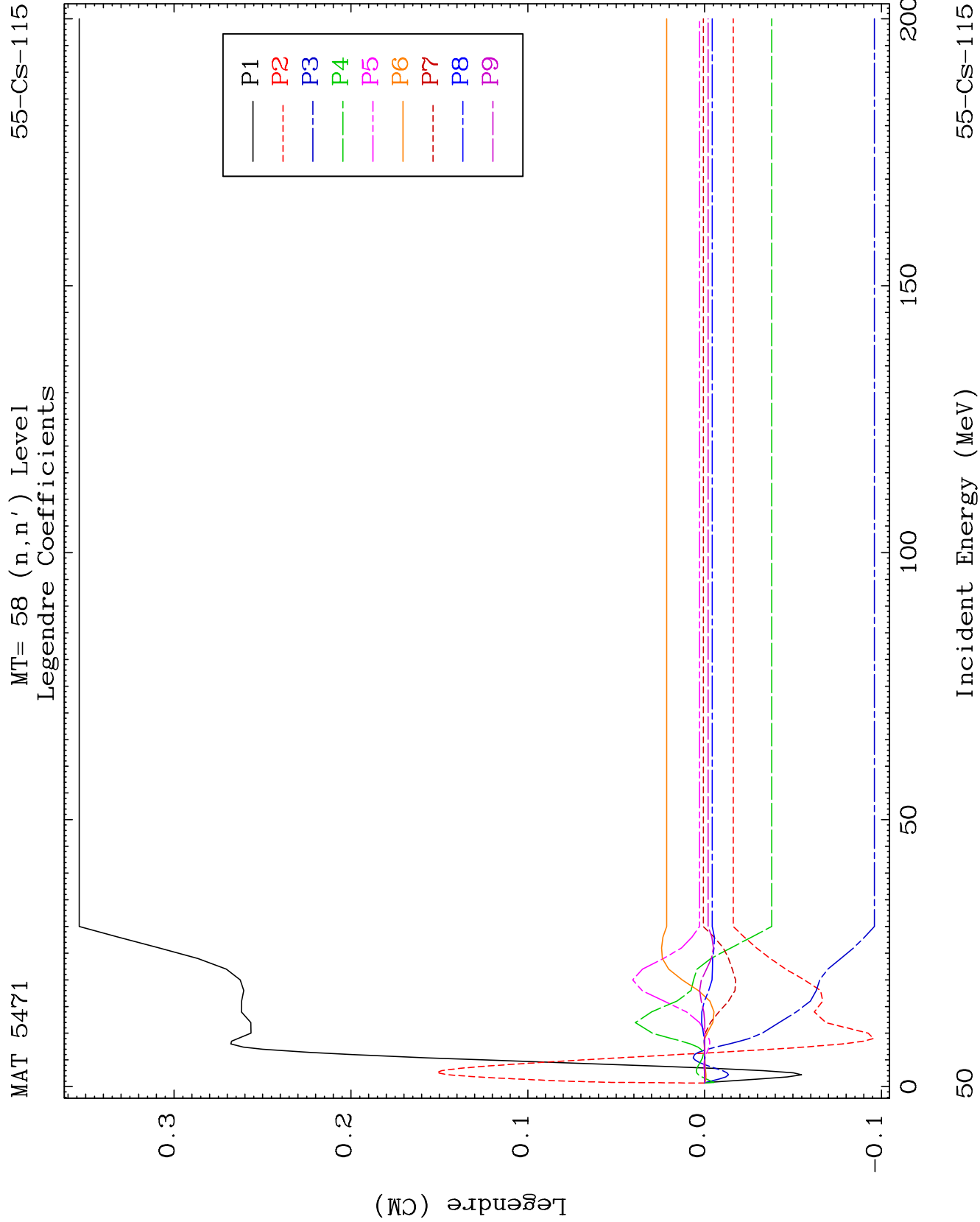
55-Cs-115



49

Incident Energy (MeV)

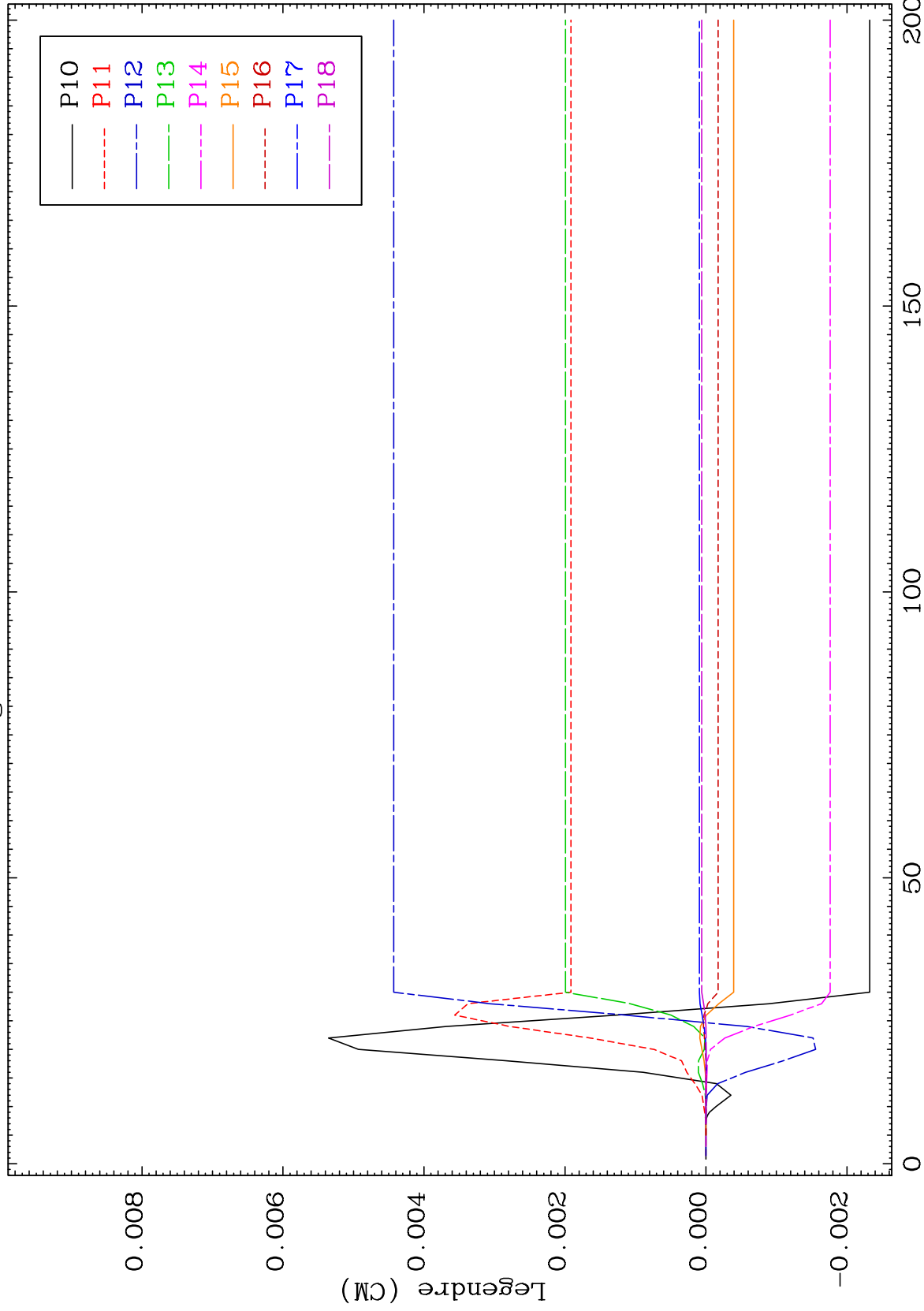
55-Cs-115



MAT 5471

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

55-Cs-115



51

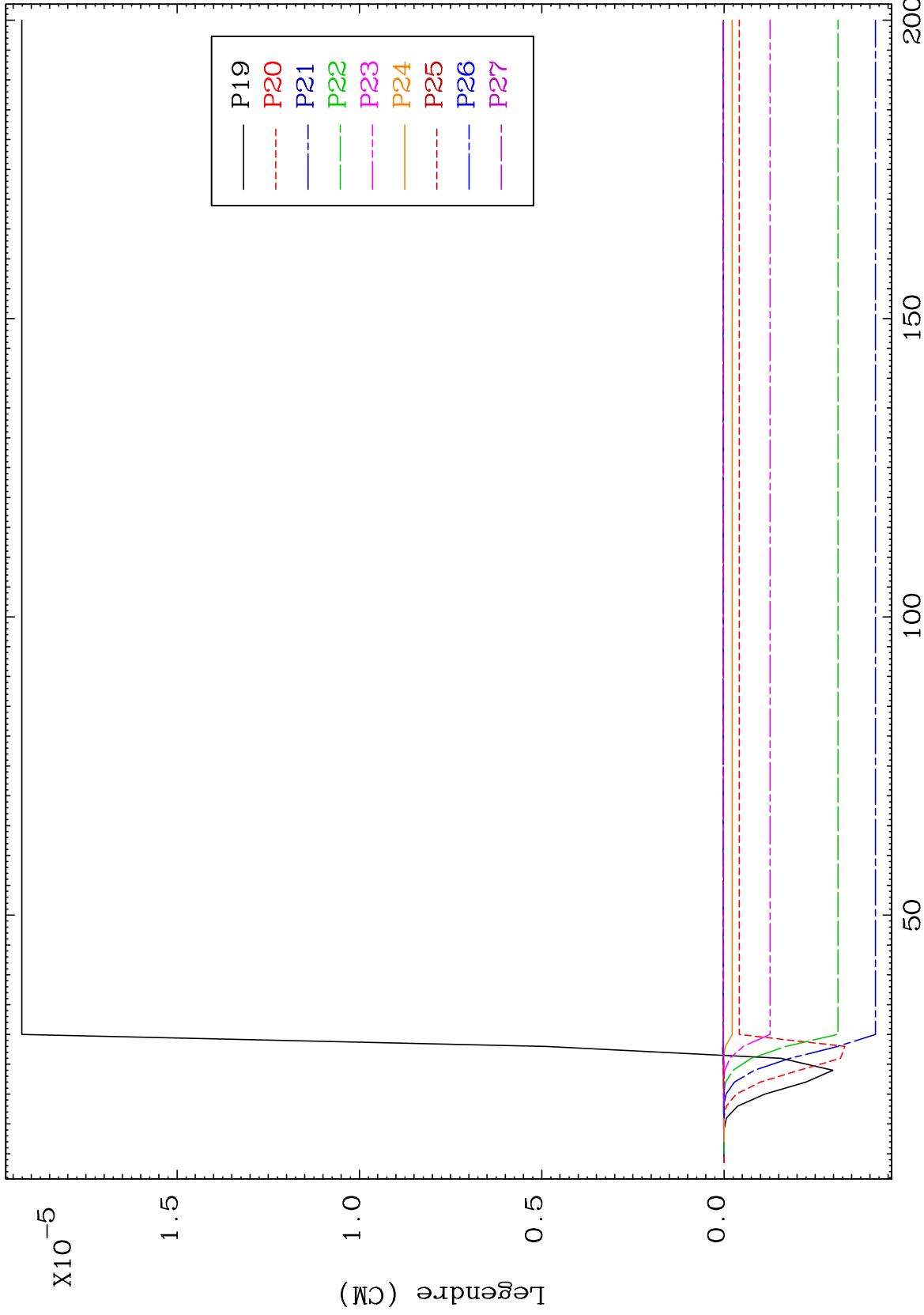
Incident Energy (MeV)

55-Cs-115

MAT 5471

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

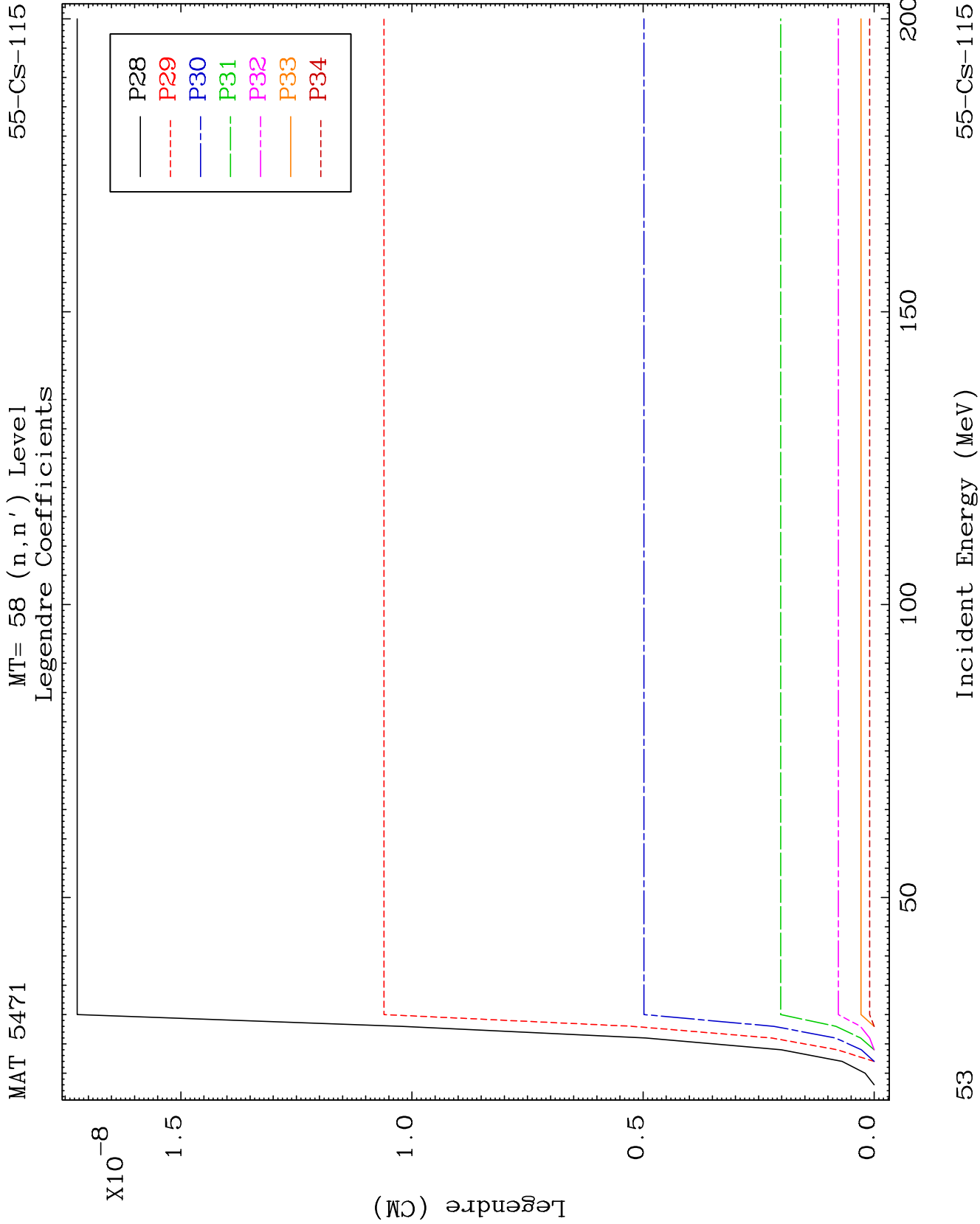
55-Cs-115



52

Incident Energy (MeV)

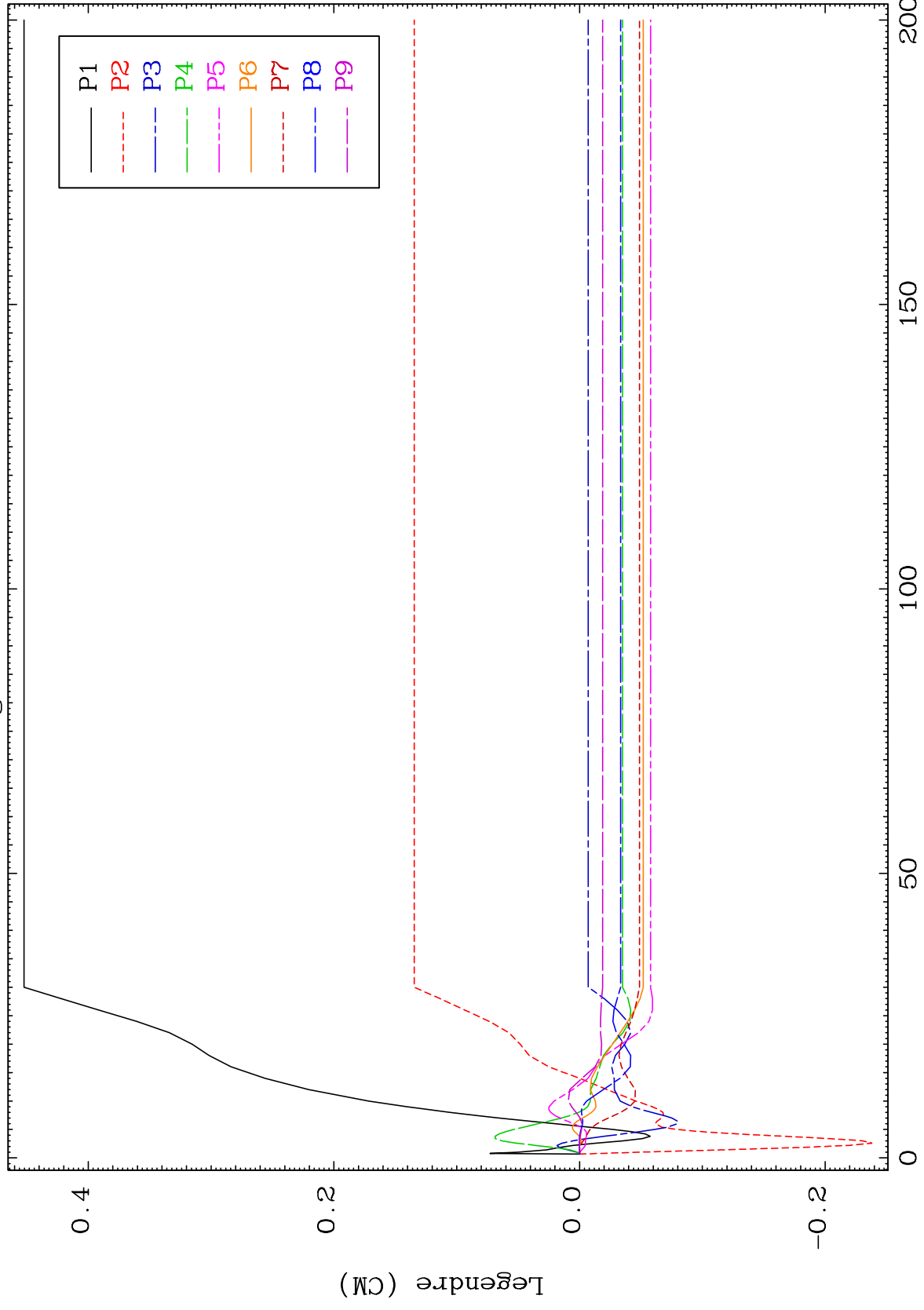
55-Cs-115



MAT 5471

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

55-CS-115



54

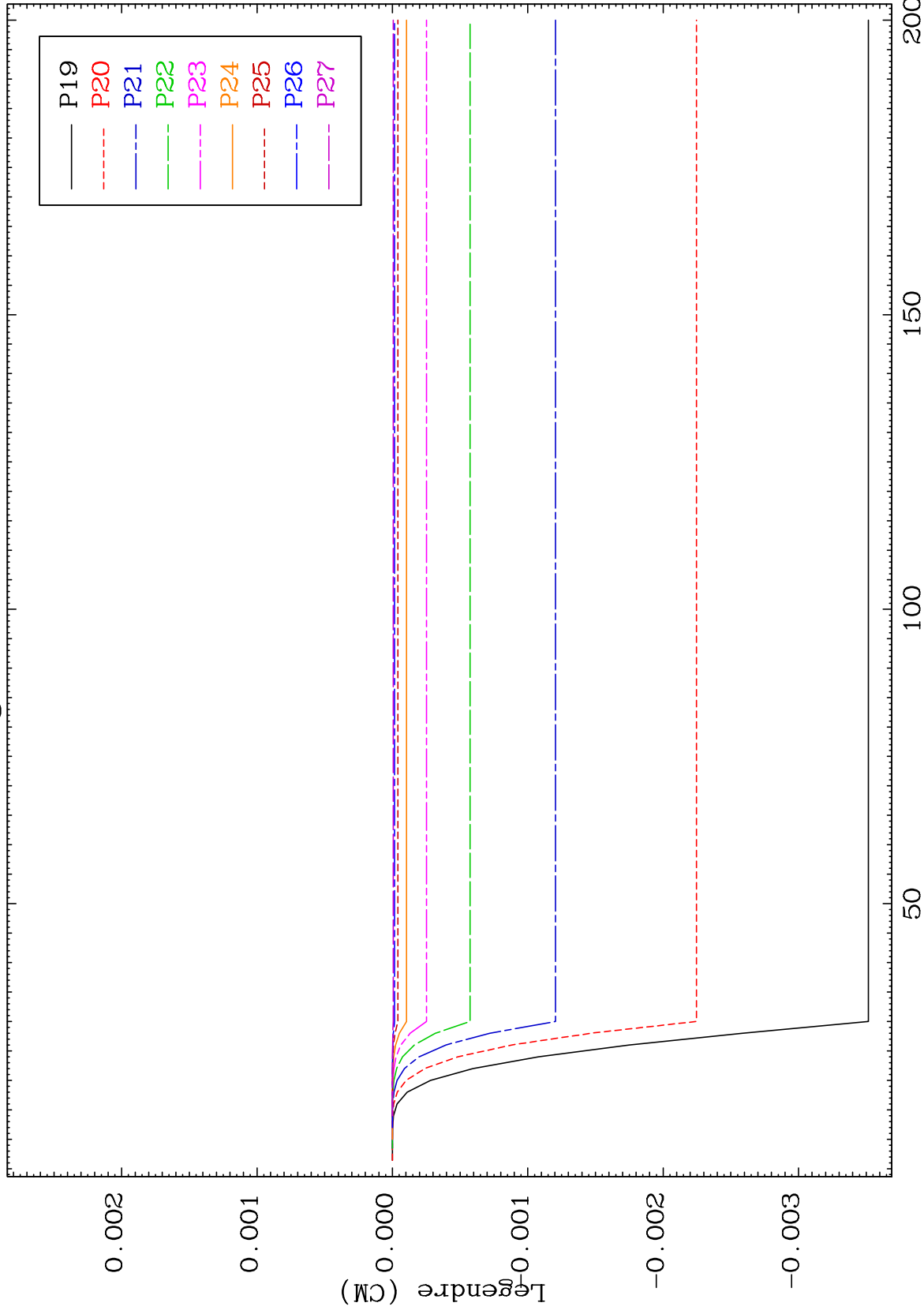
Incident Energy (MeV)

55-CS-115

MAT 5471

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

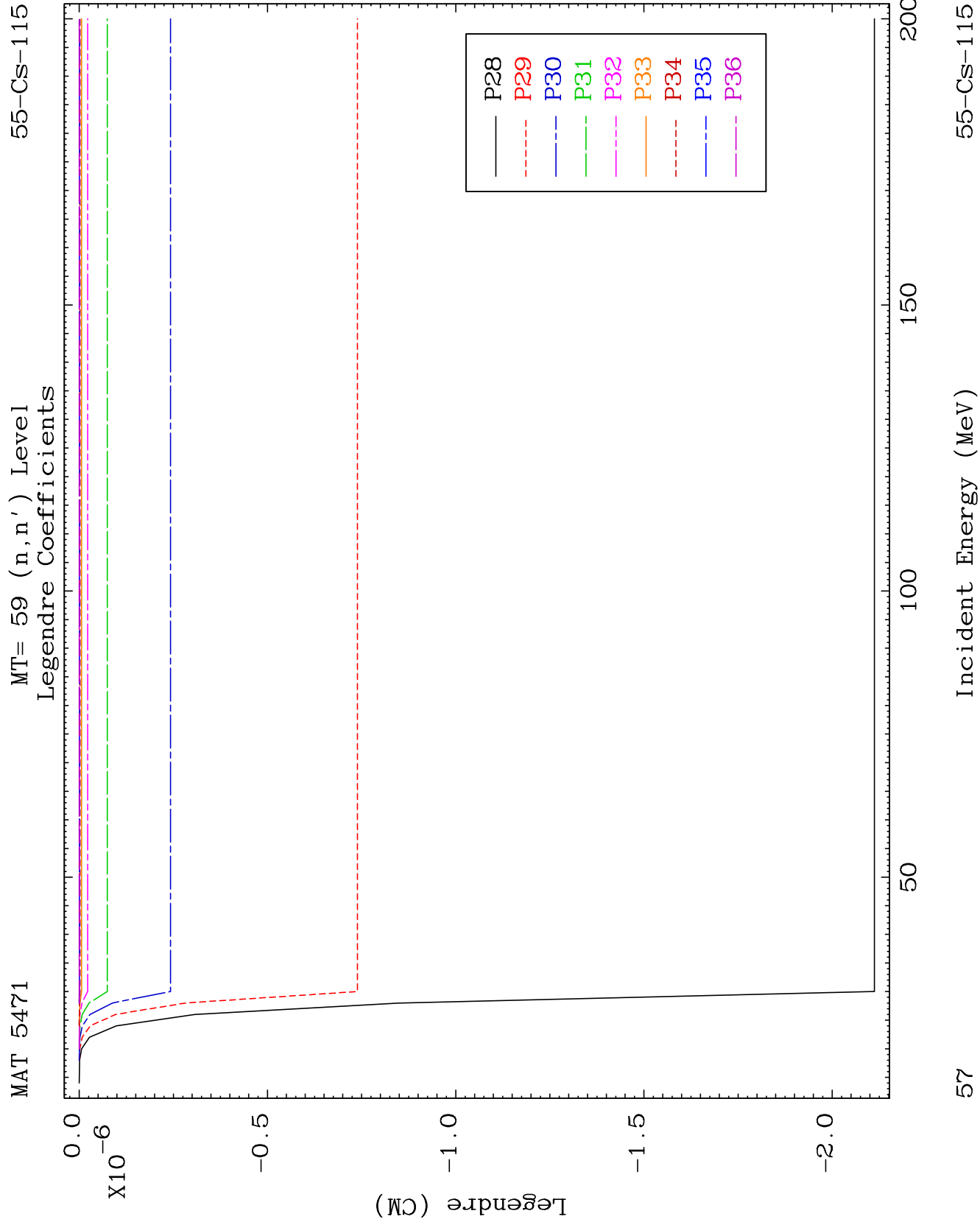
55-Cs-115

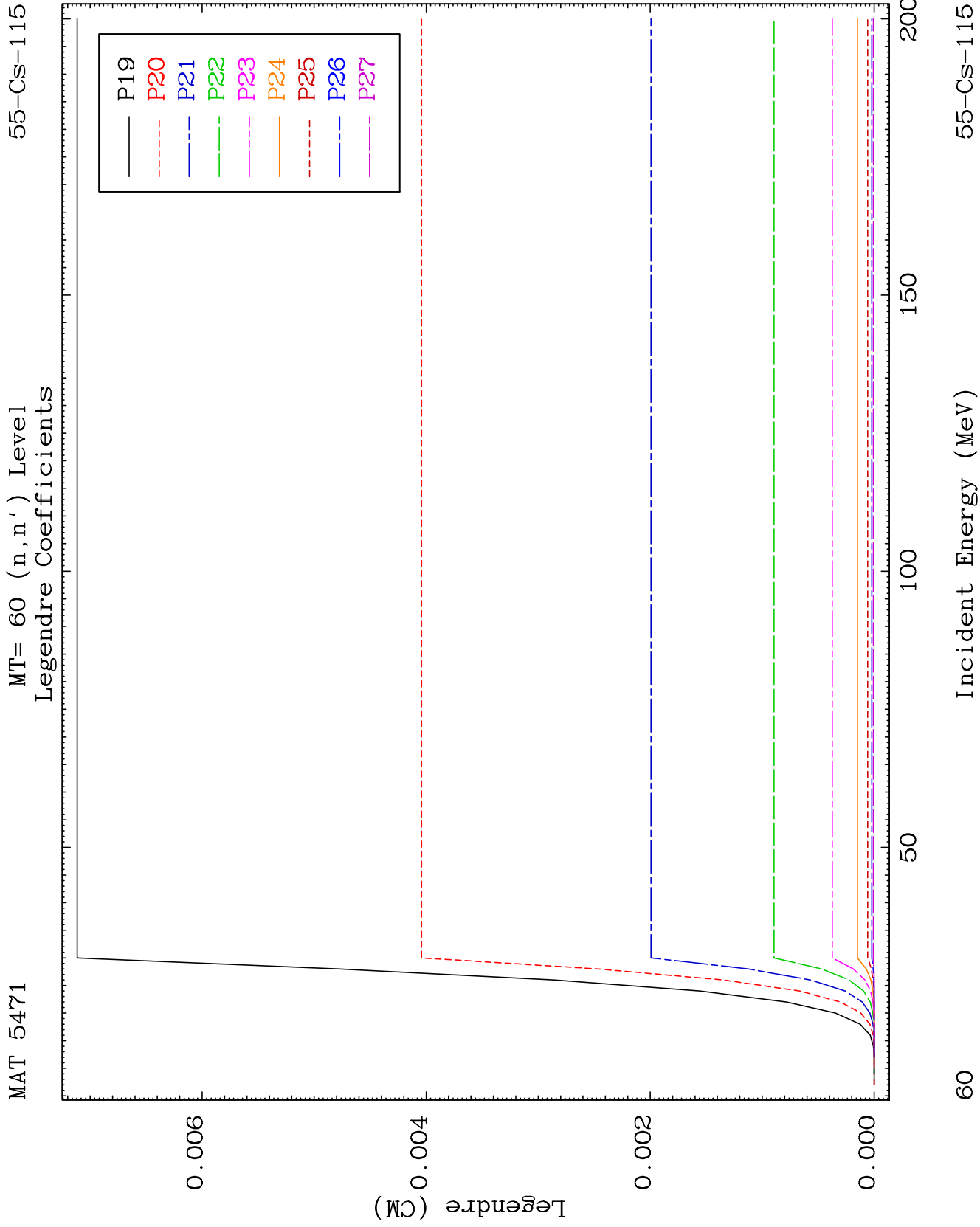


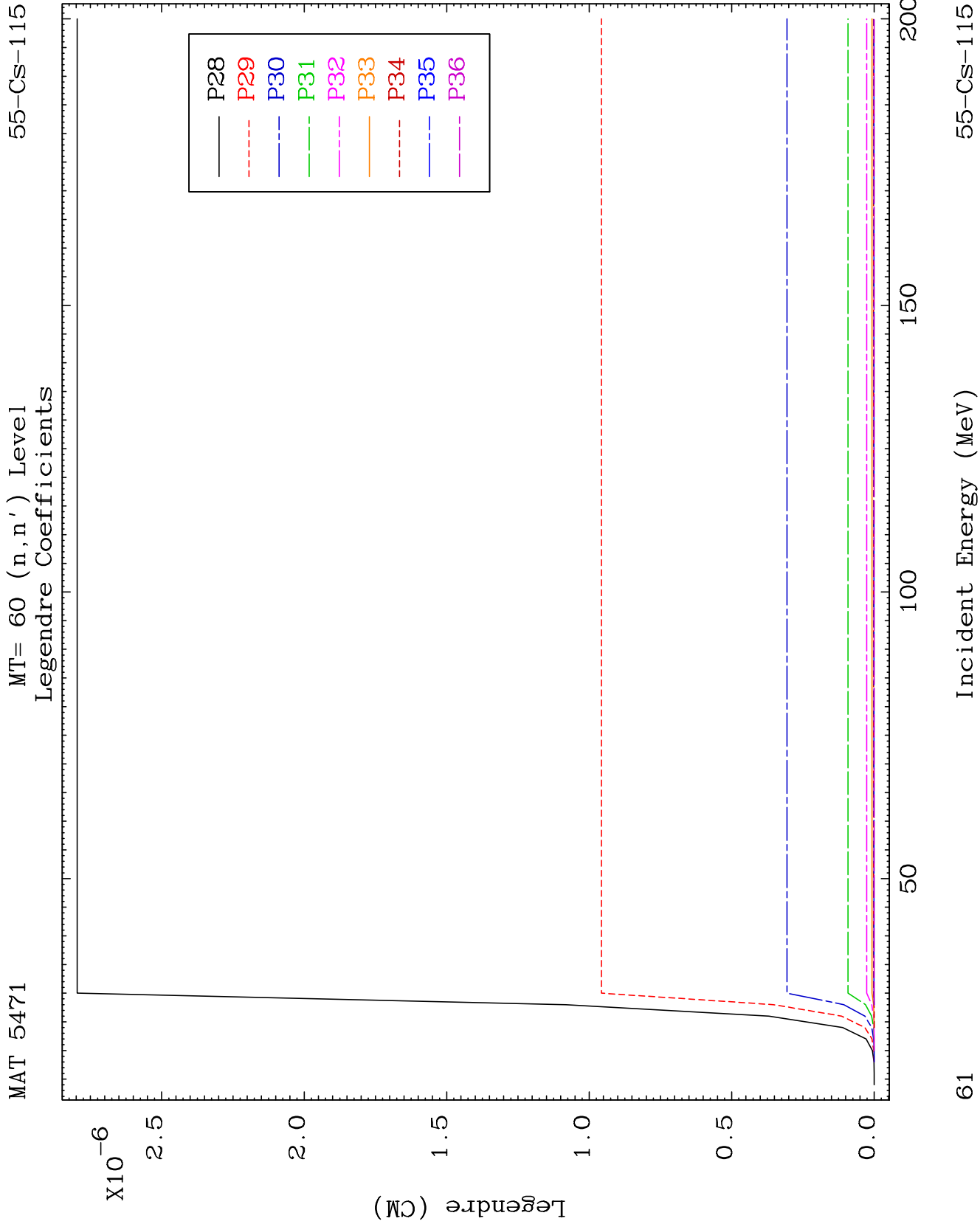
56

Incident Energy (MeV)

55-Cs-115



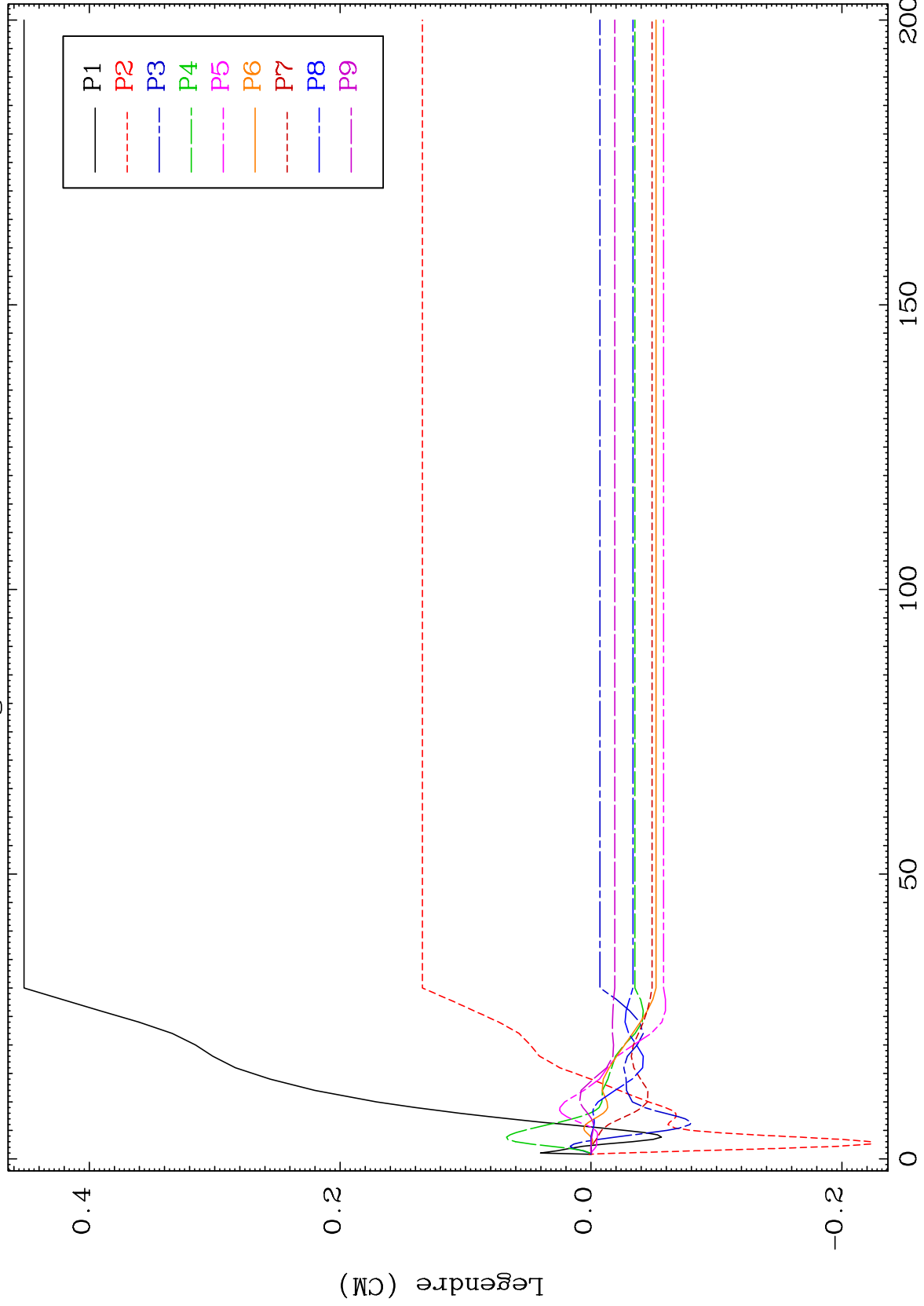




MAT 5471

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

55-Cs-115



62

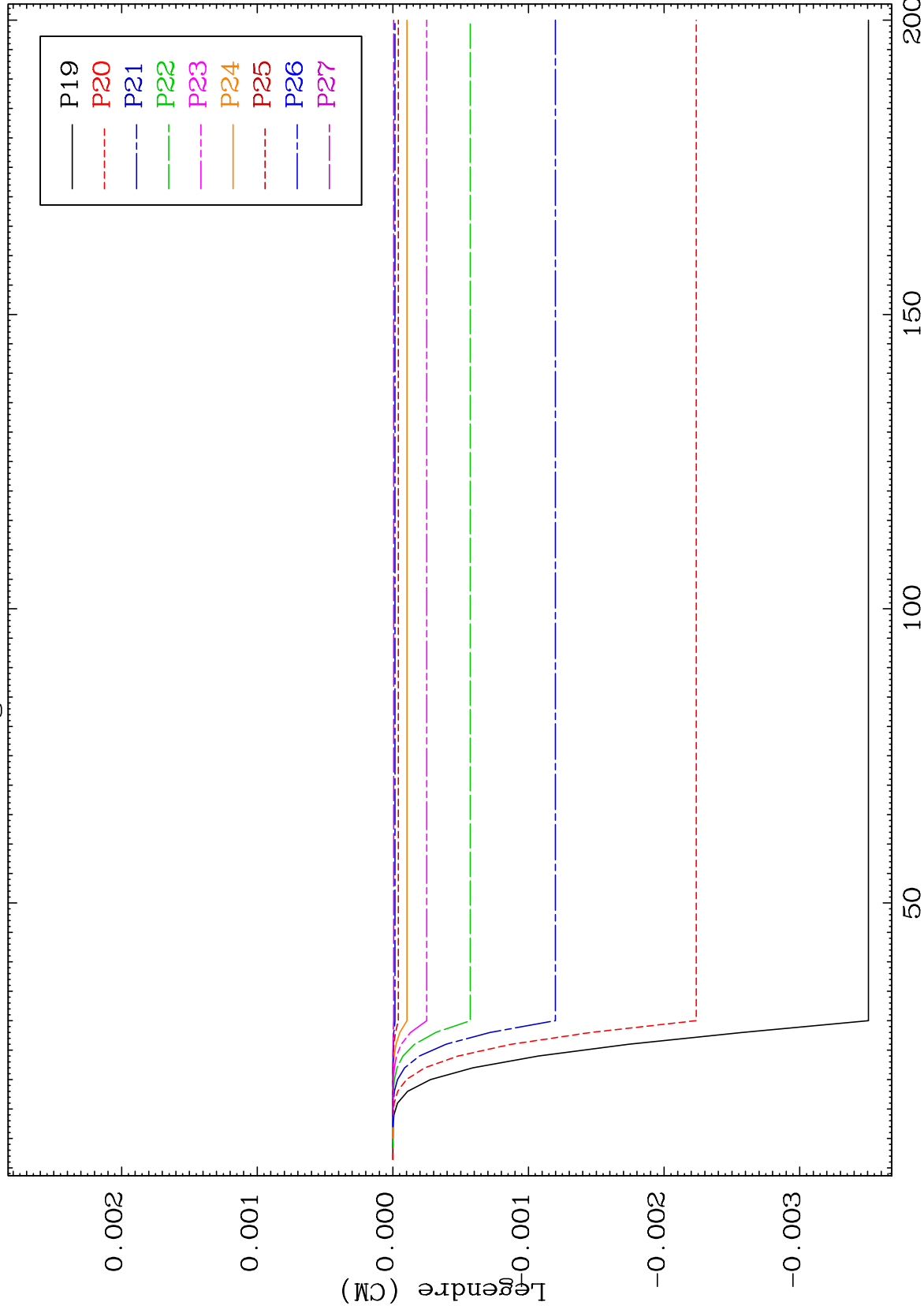
Incident Energy (MeV)

55-Cs-115

MAT 5471

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

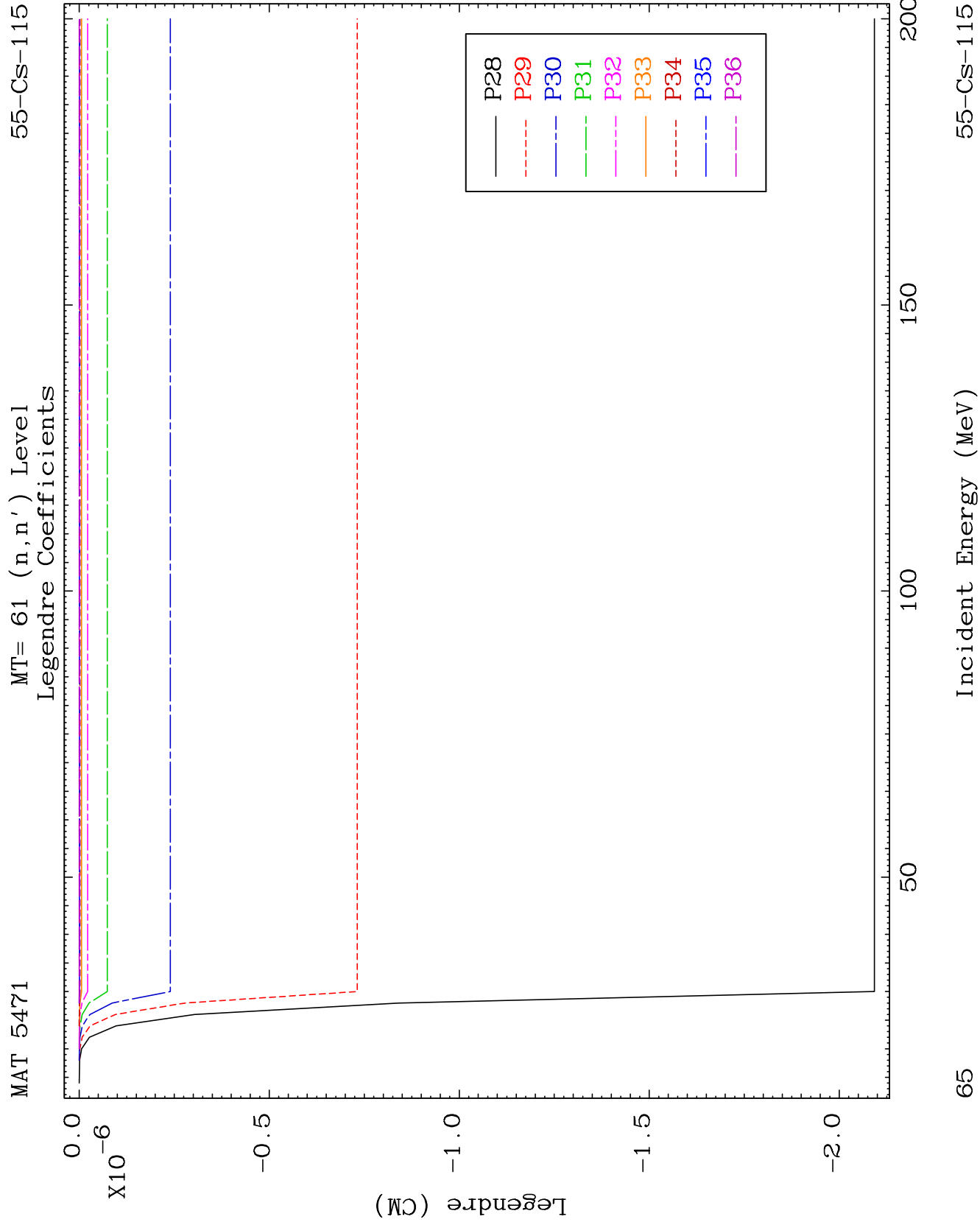
55-Cs-115



64

Incident Energy (MeV)

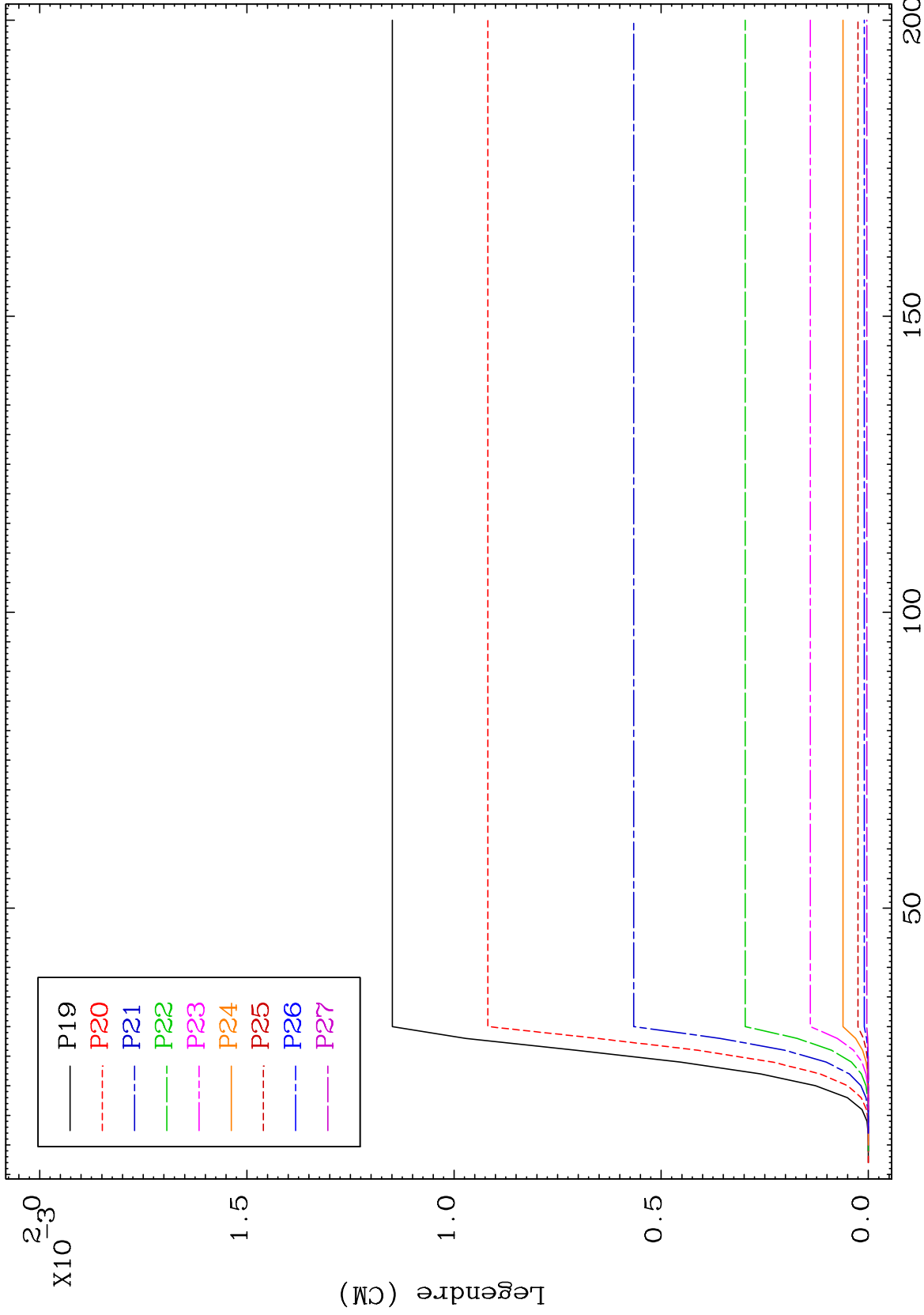
55-Cs-115



MAT 5471

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

55-Cs-115



68

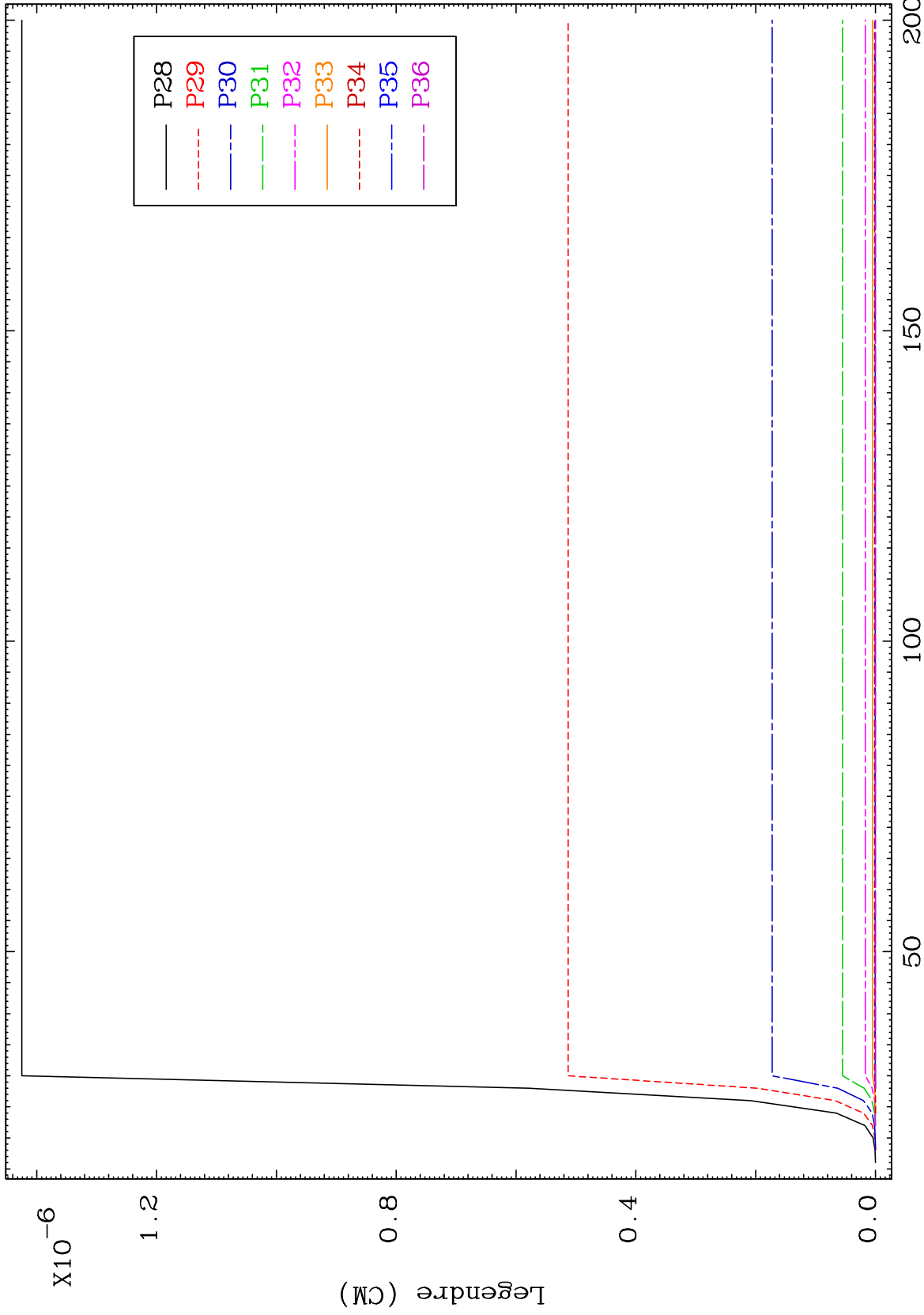
Incident Energy (MeV)

55-Cs-115

MAT 5471

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

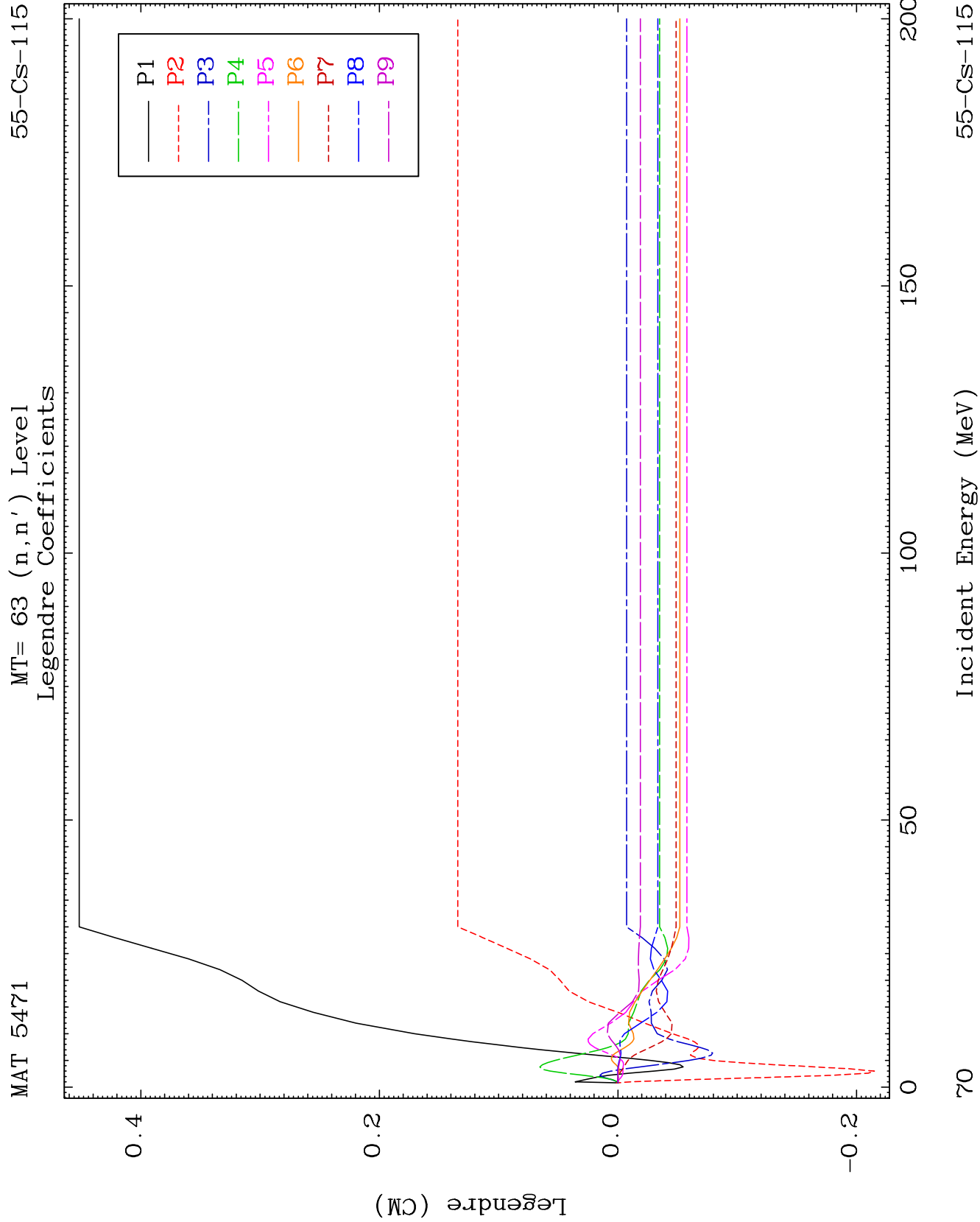
55-Cs-115

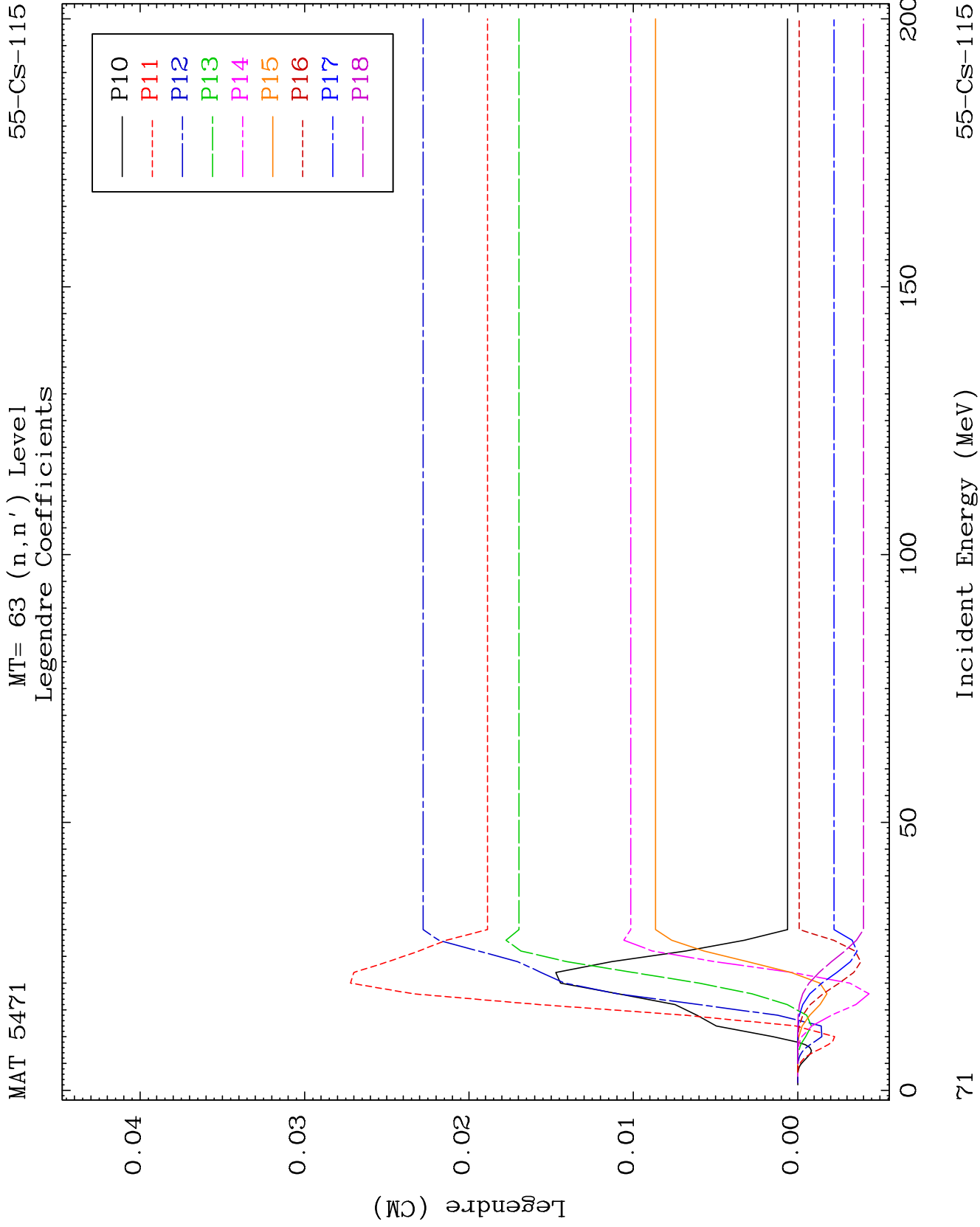


69

Incident Energy (MeV)

55-Cs-115

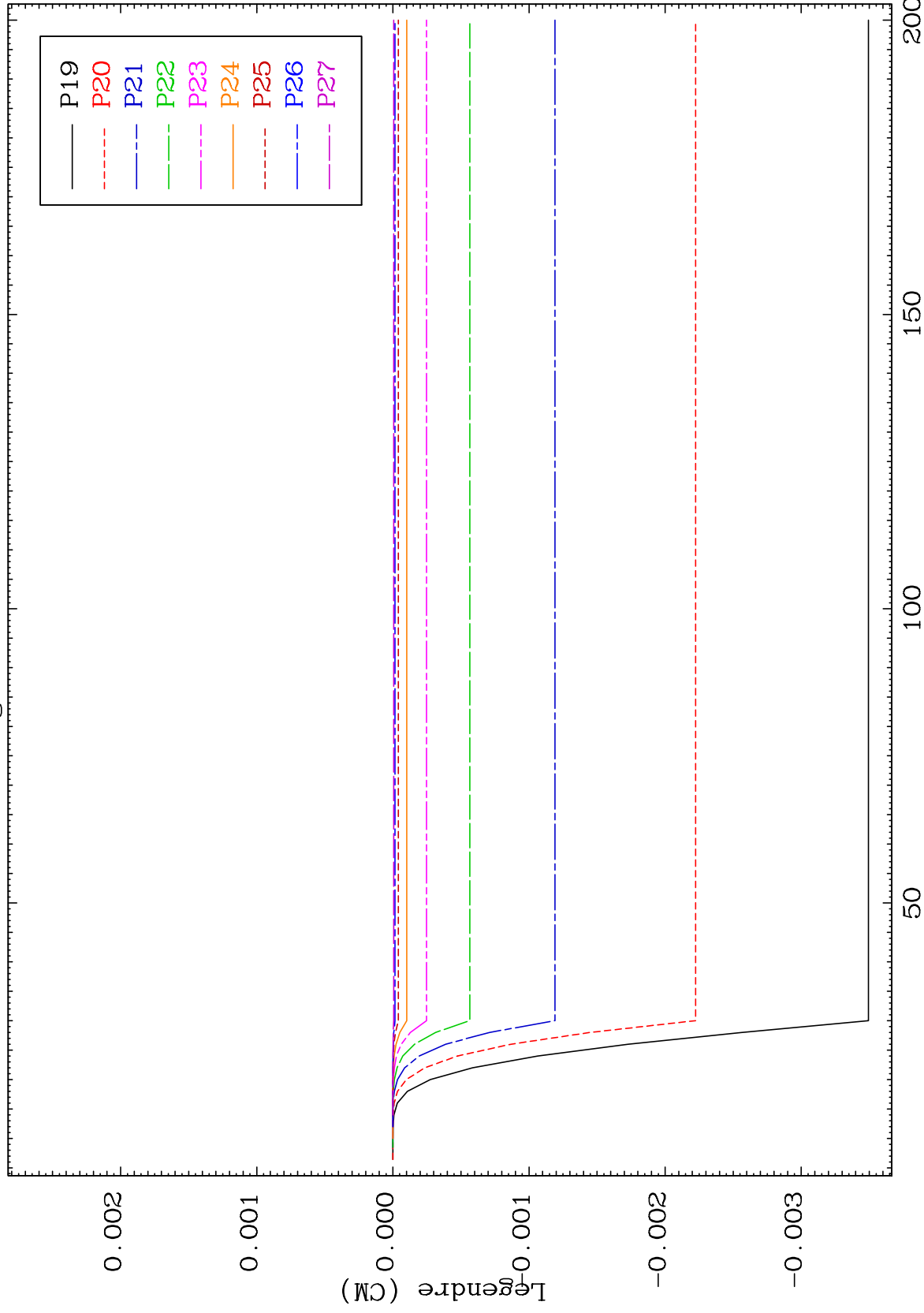




MAT 5471

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

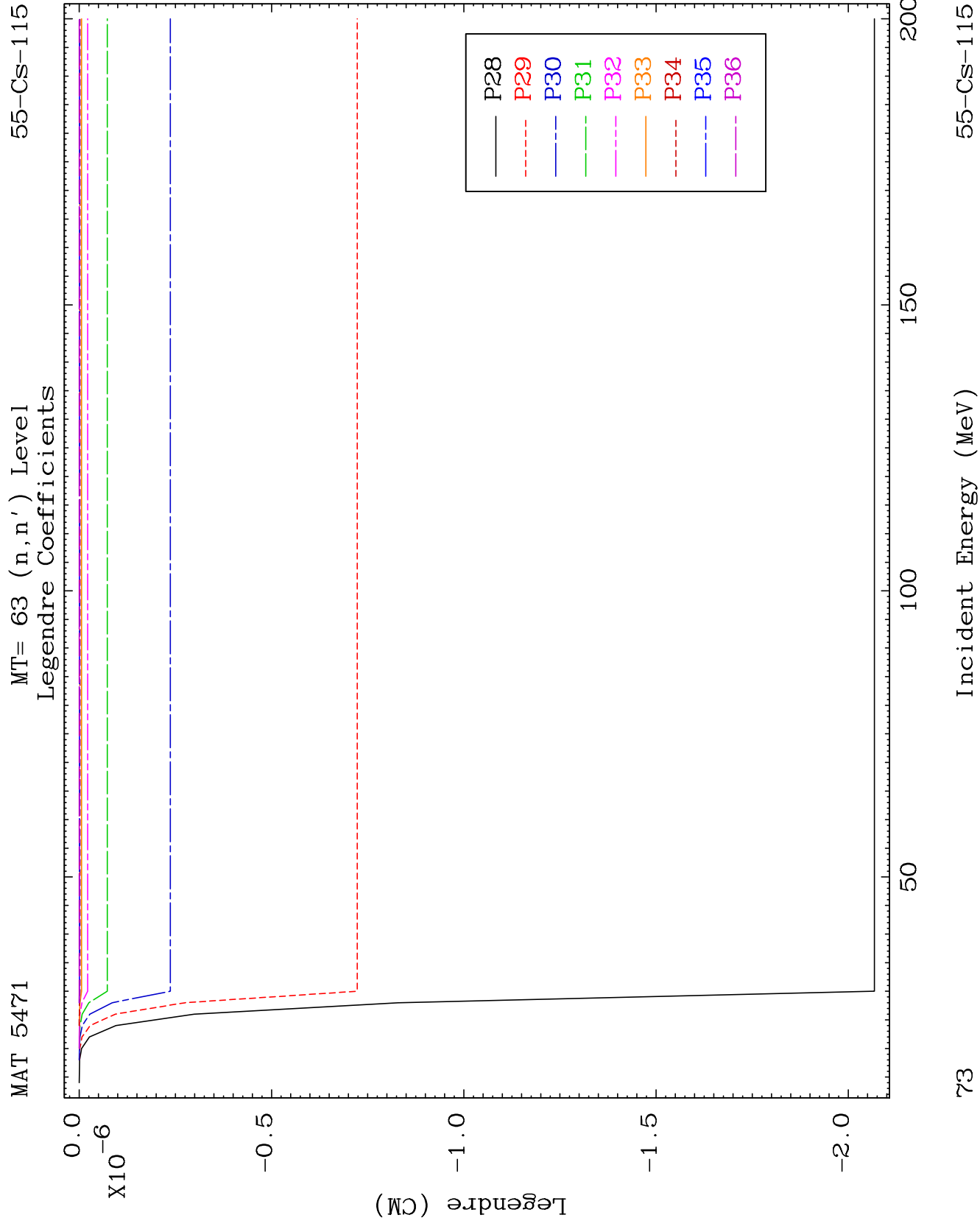
55-Cs-115



72

Incident Energy (MeV)

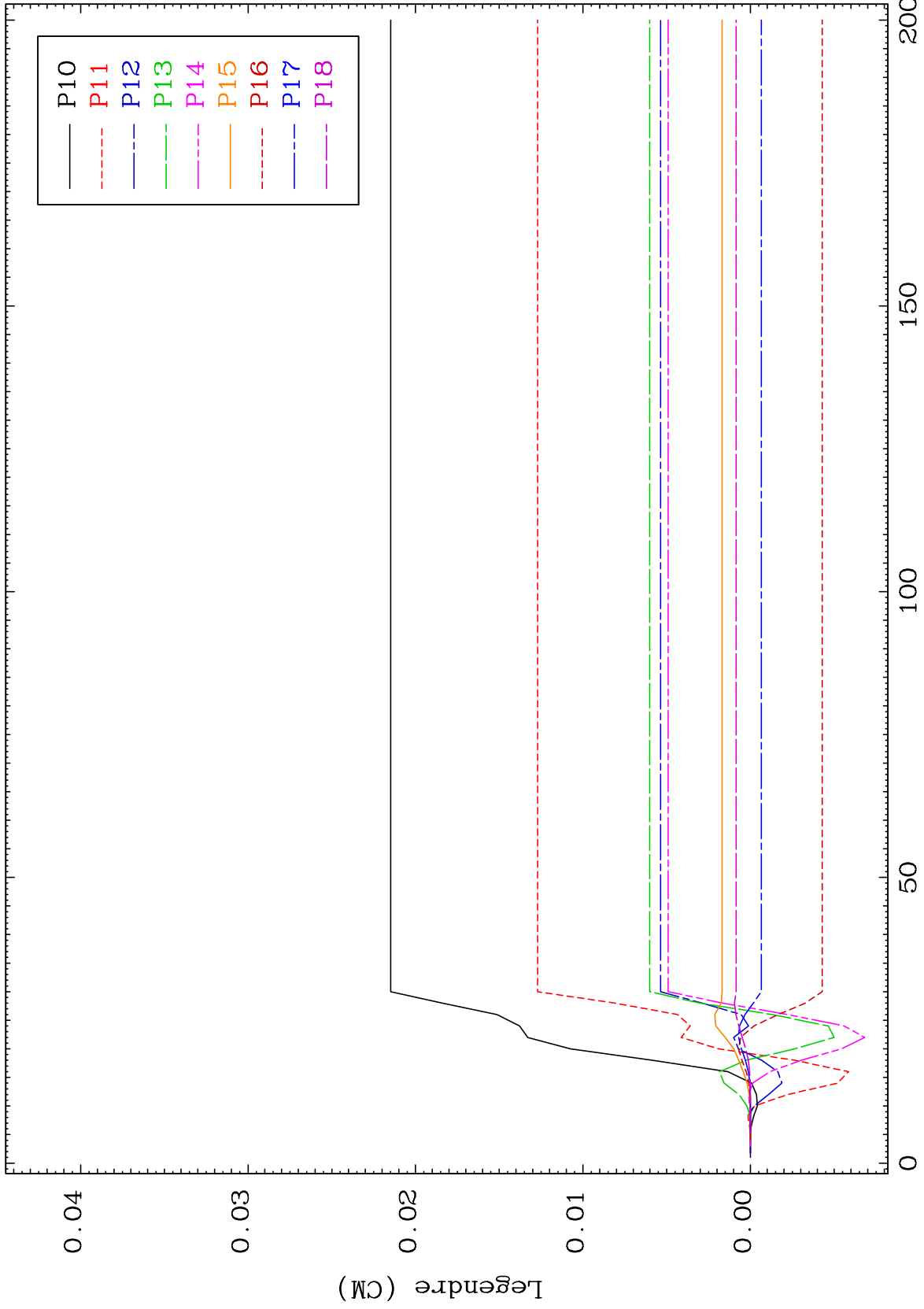
55-Cs-115



MAT 5471

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

55-Cs-115



75

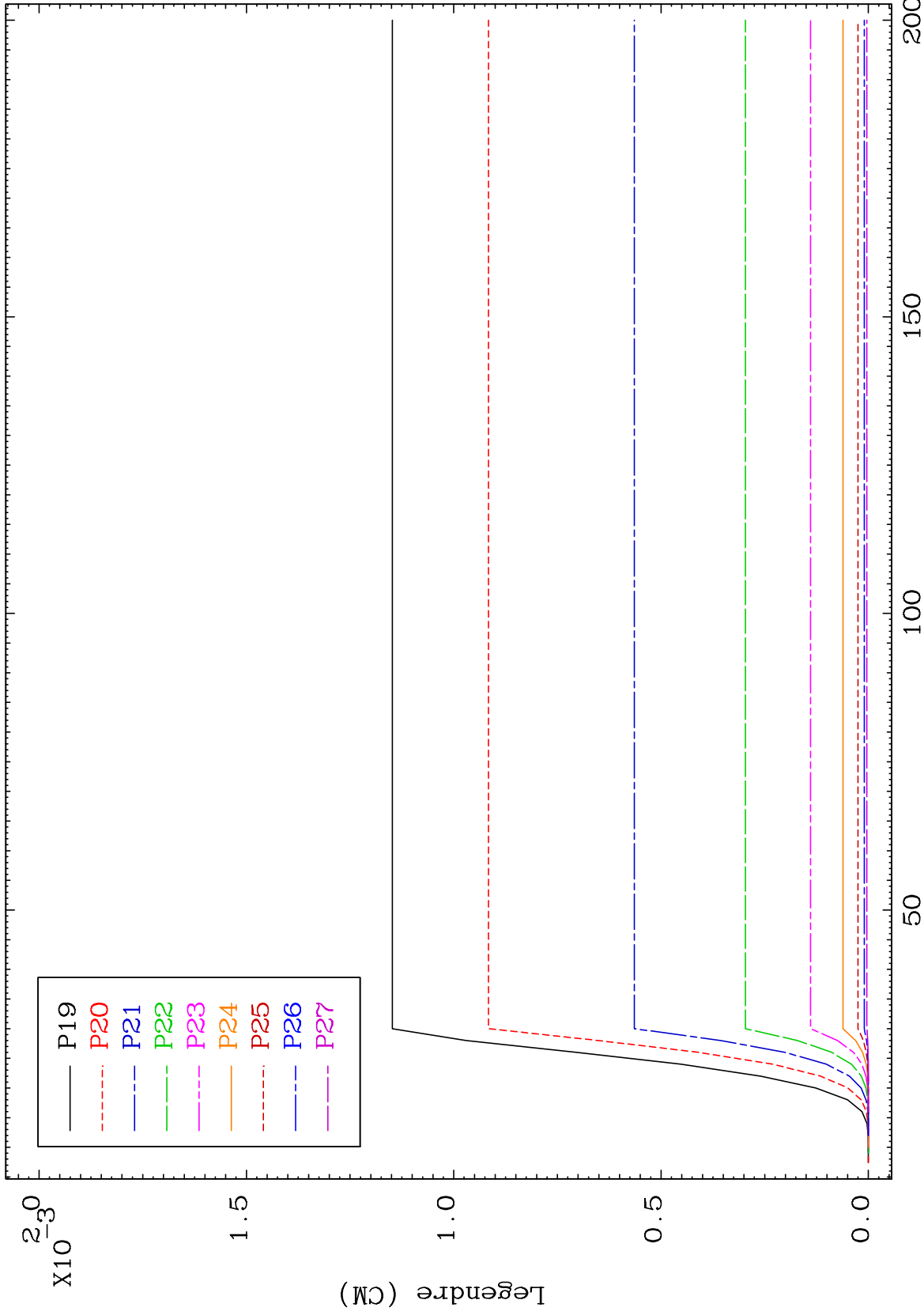
Incident Energy (MeV)

55-Cs-115

MAT 5471

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

55-Cs-115



76

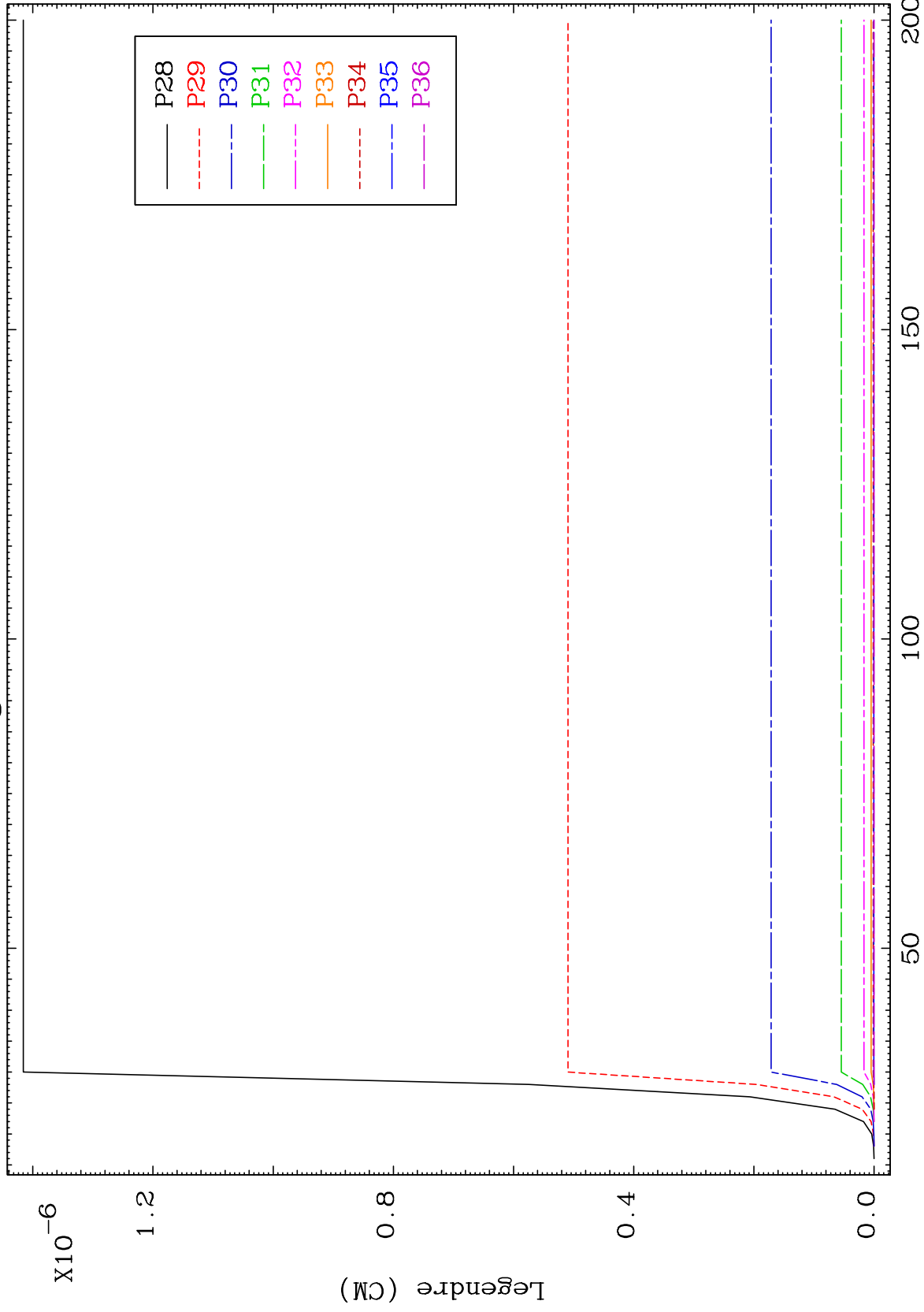
Incident Energy (MeV)

55-Cs-115

MAT 5471

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

55-Cs-115



77

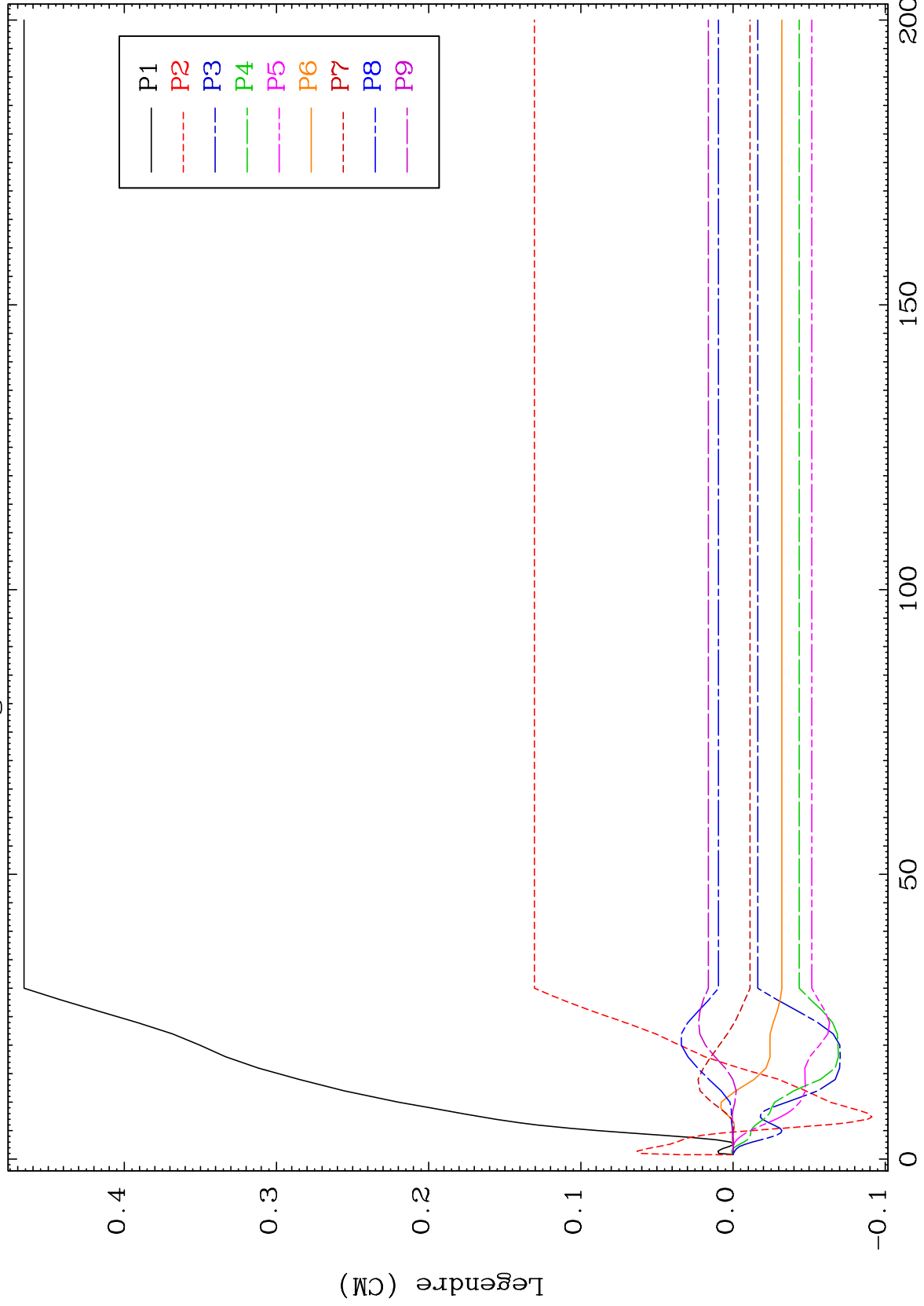
Incident Energy (MeV)

55-Cs-115

MAT 5471

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

55-Cs-115



78

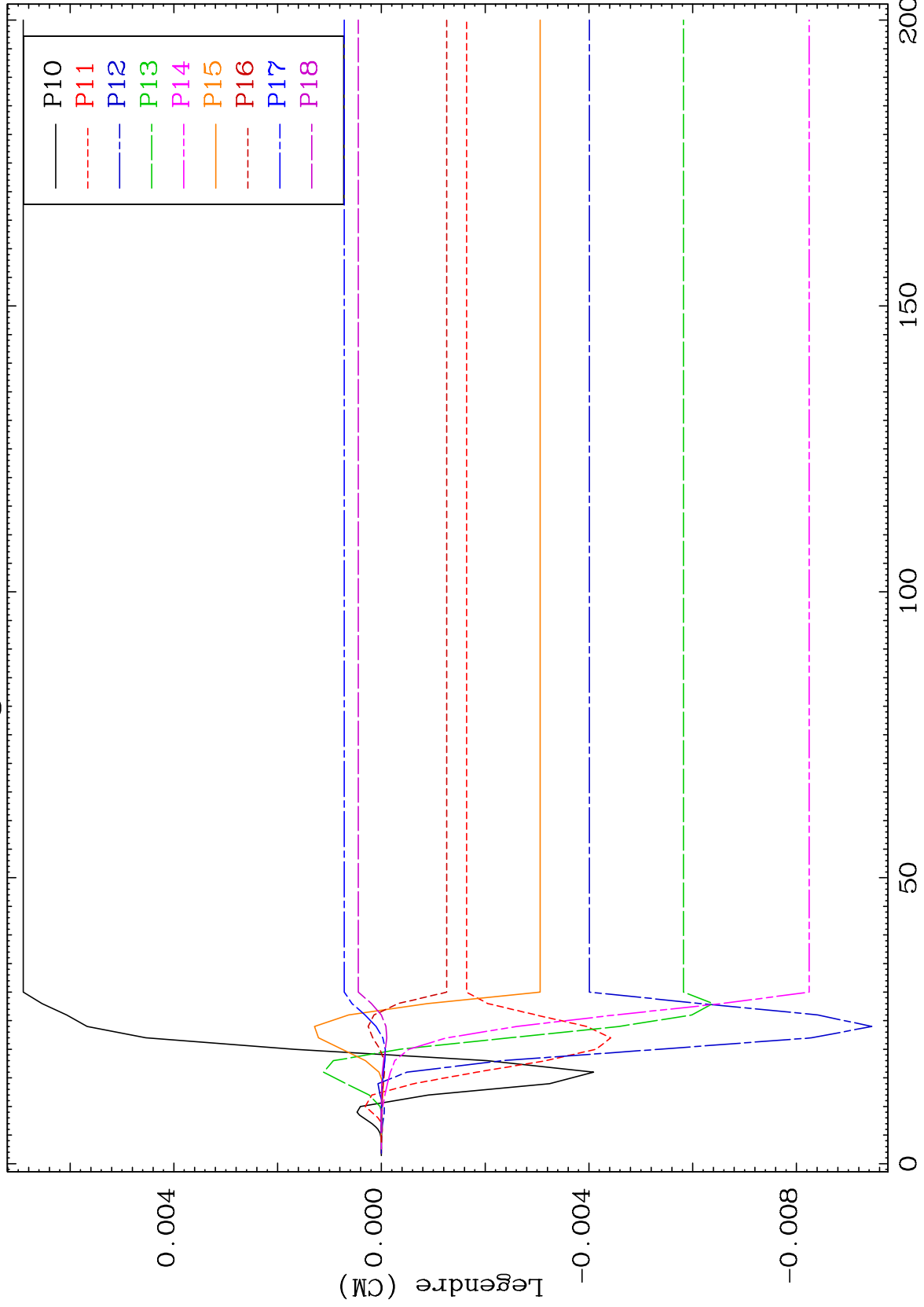
Incident Energy (MeV)

55-Cs-115

MAT 5471

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

55-Cs-115



79

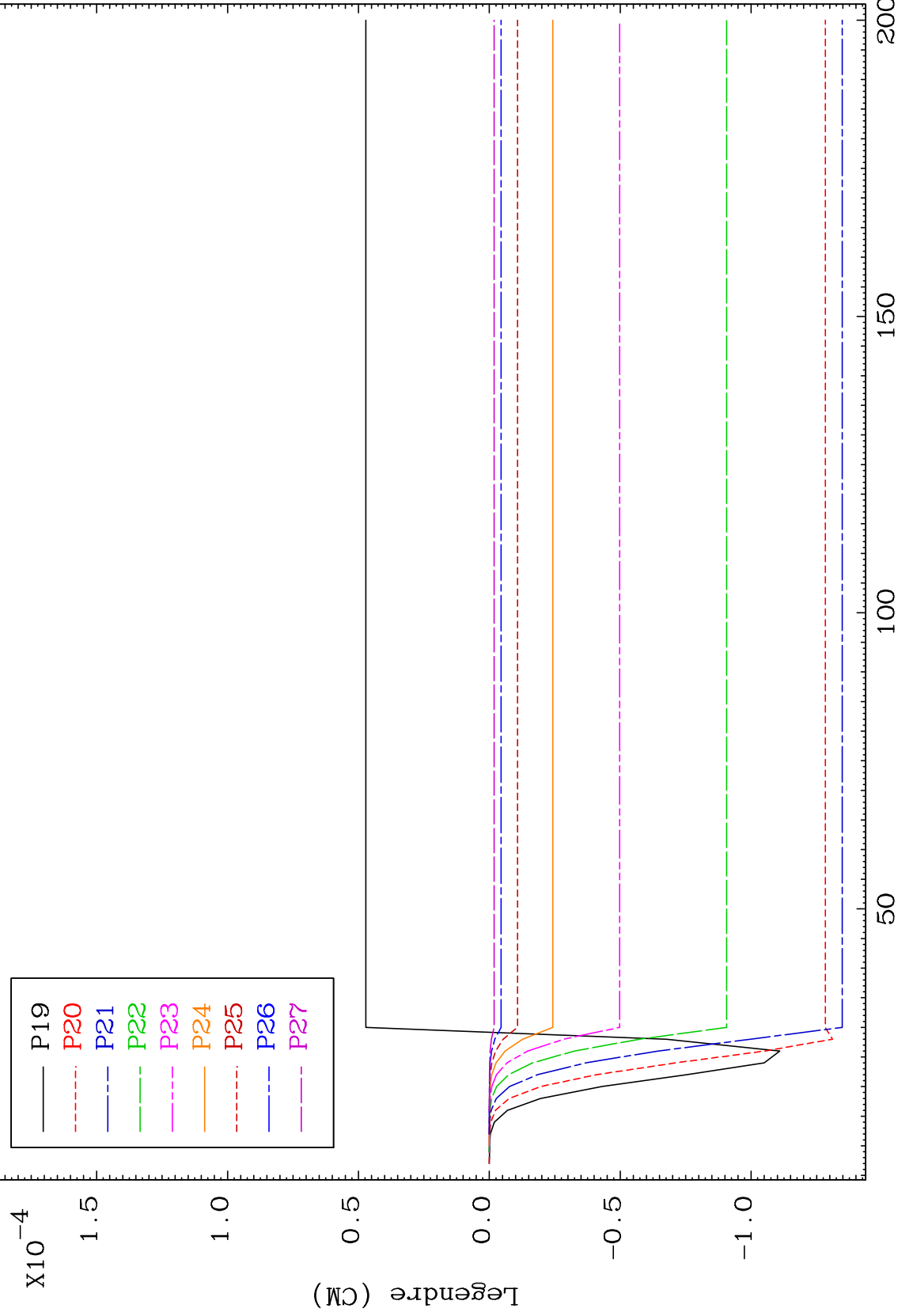
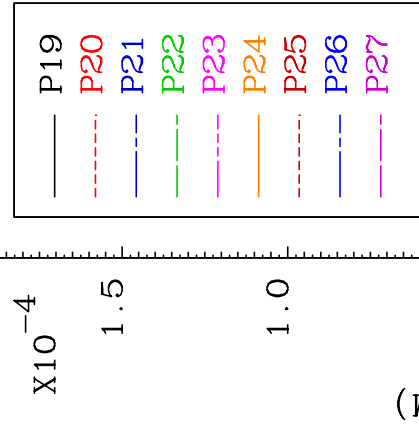
Incident Energy (MeV)

55-Cs-115

MAT 5471

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

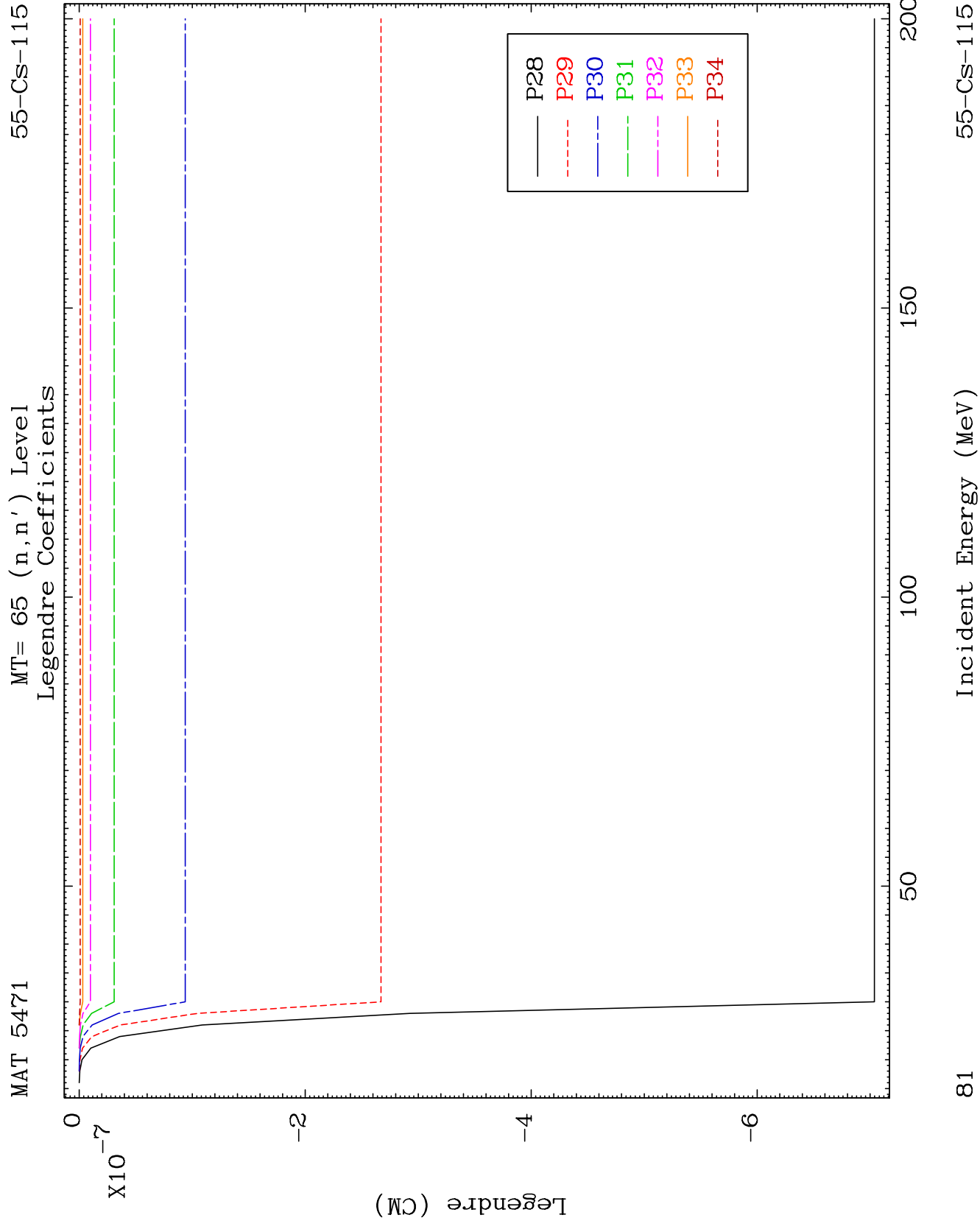
55-Cs-115

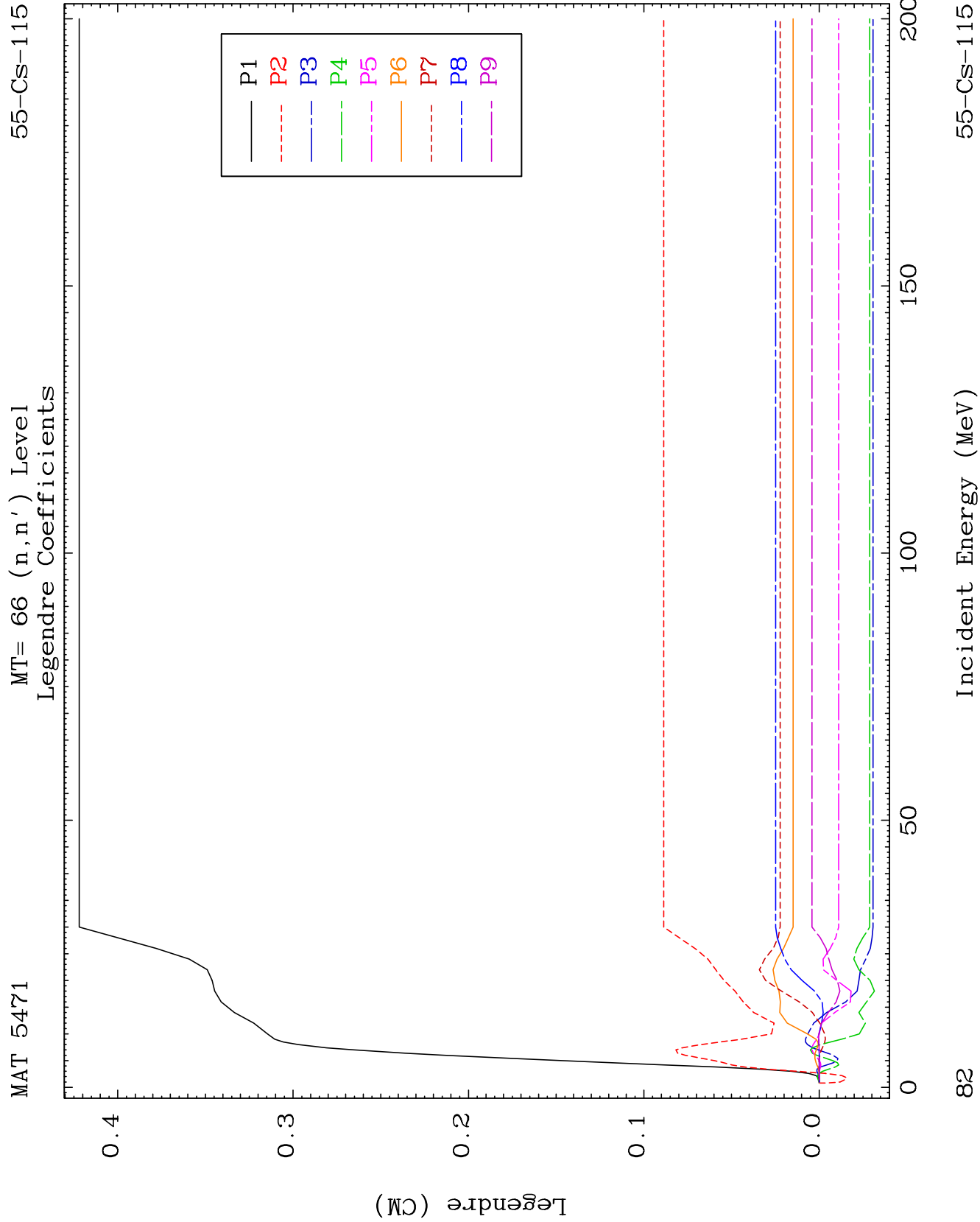


80

Incident Energy (MeV)

55-Cs-115

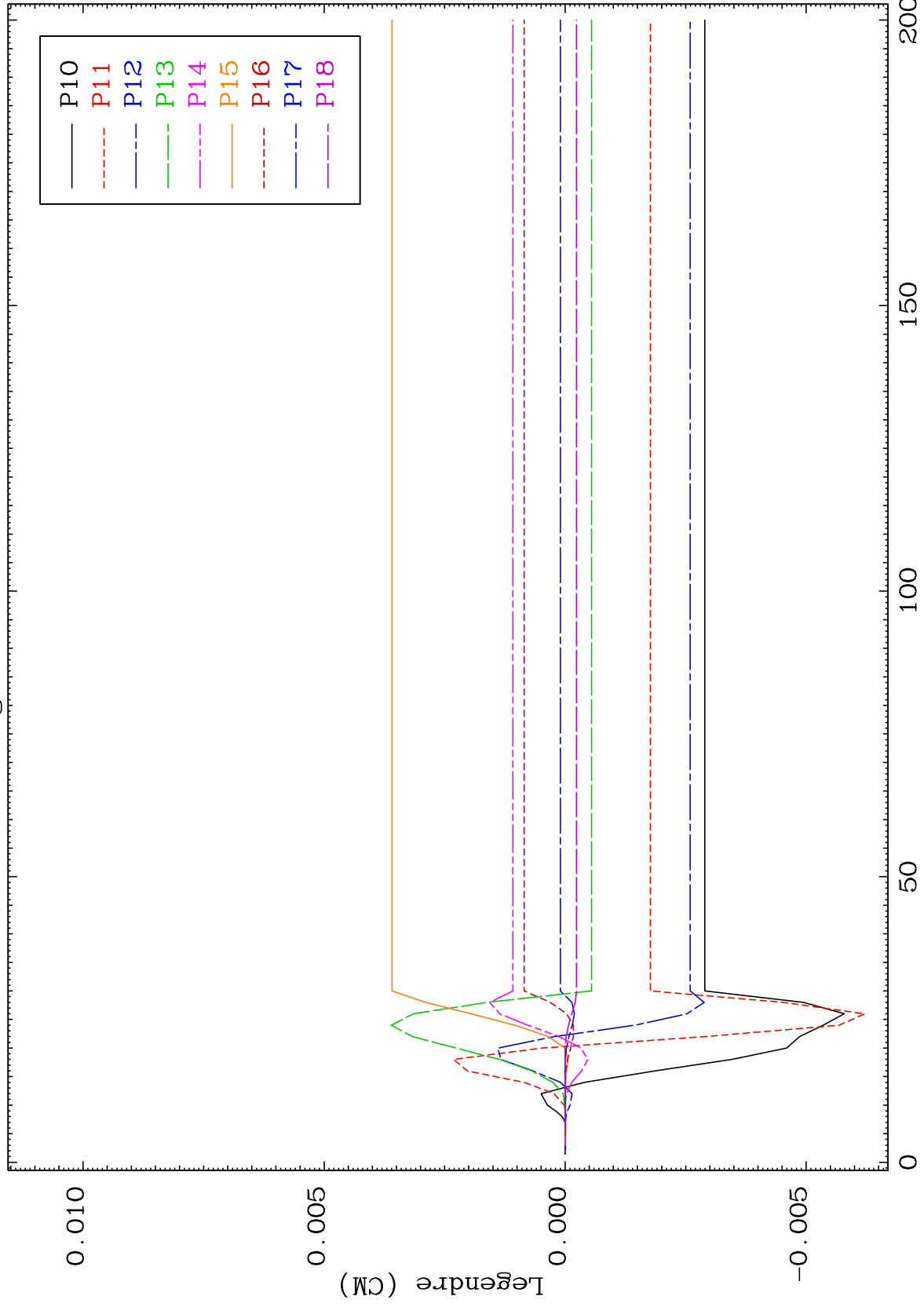




MAT 5471

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

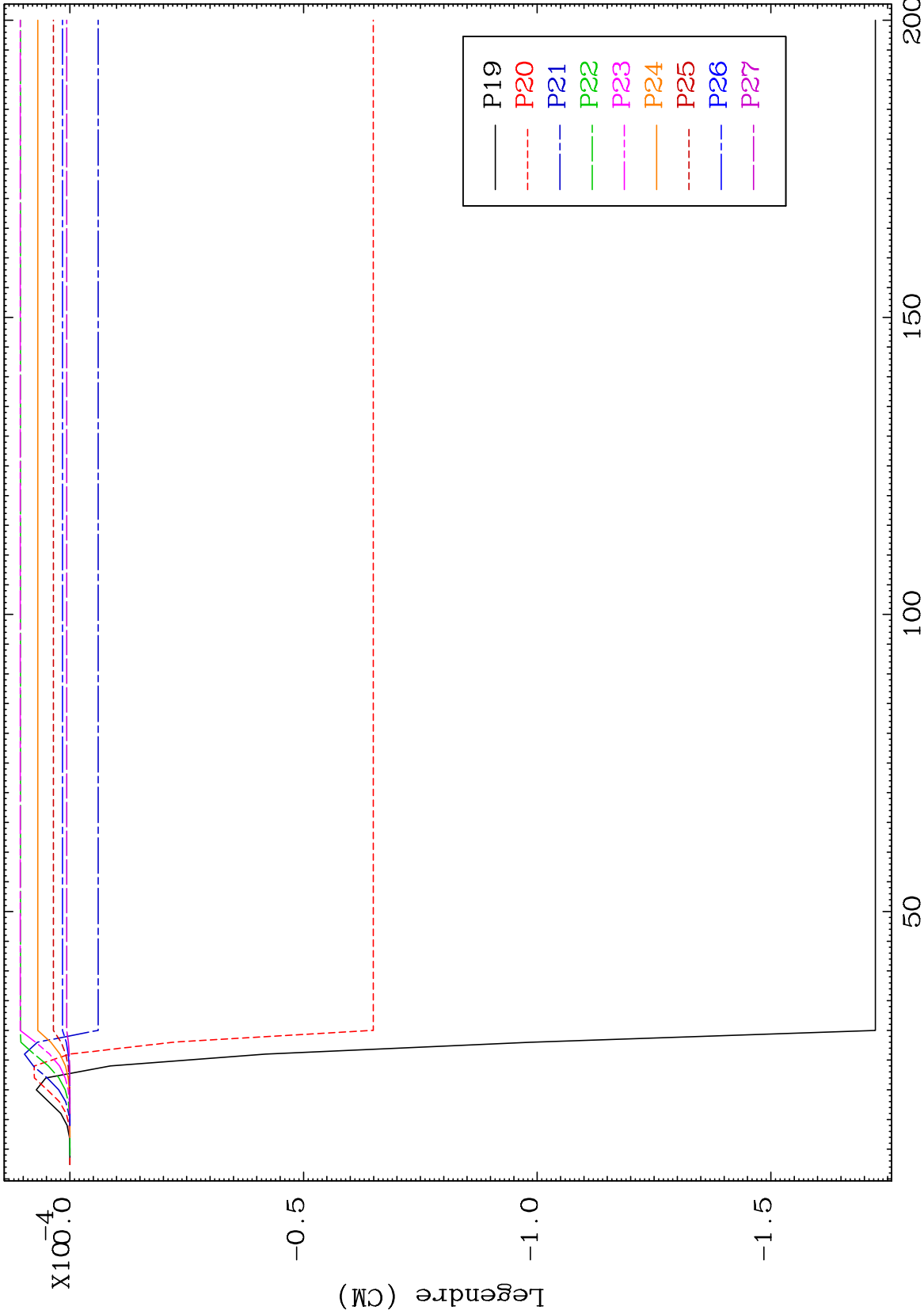
55-Cs-115

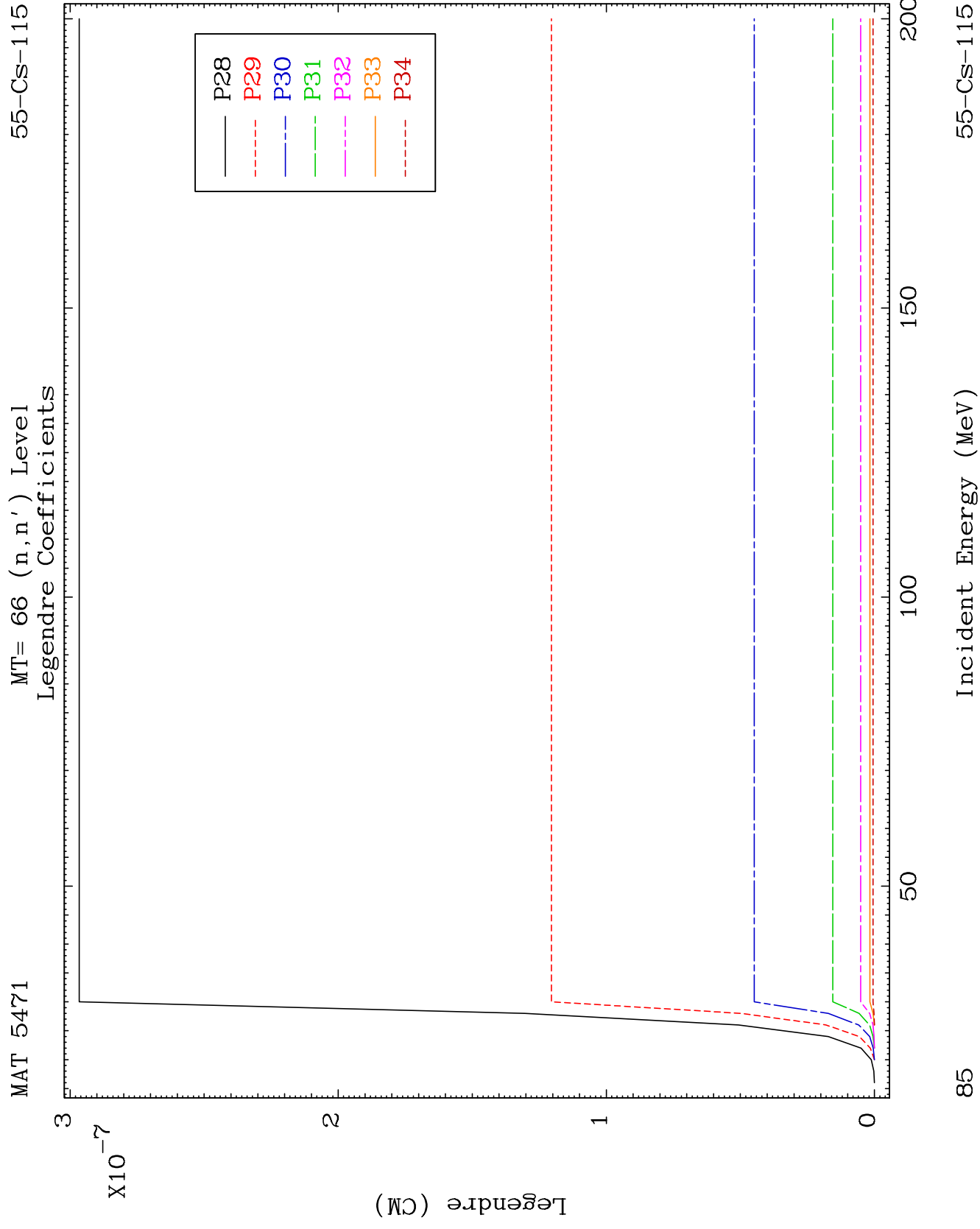


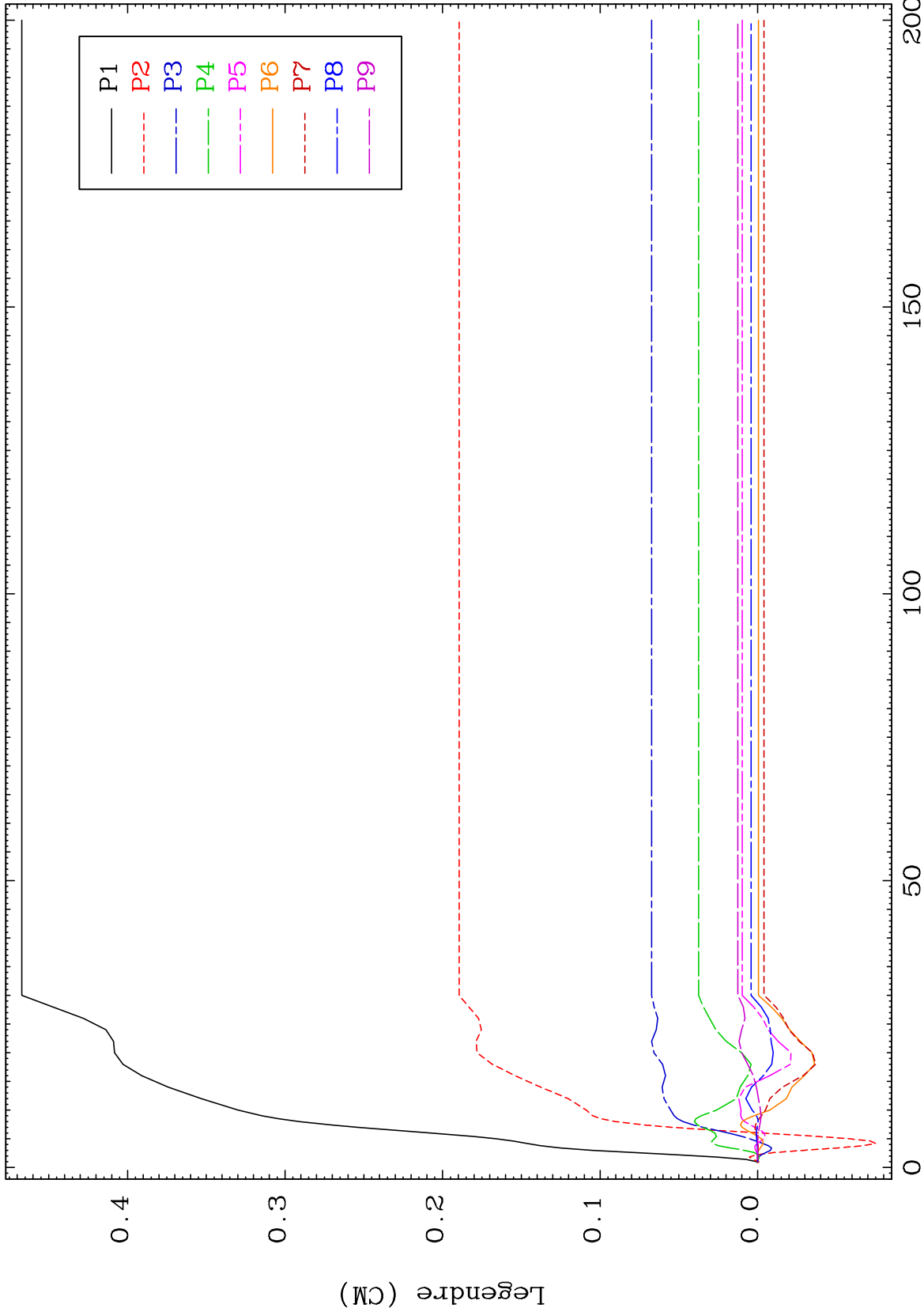
83

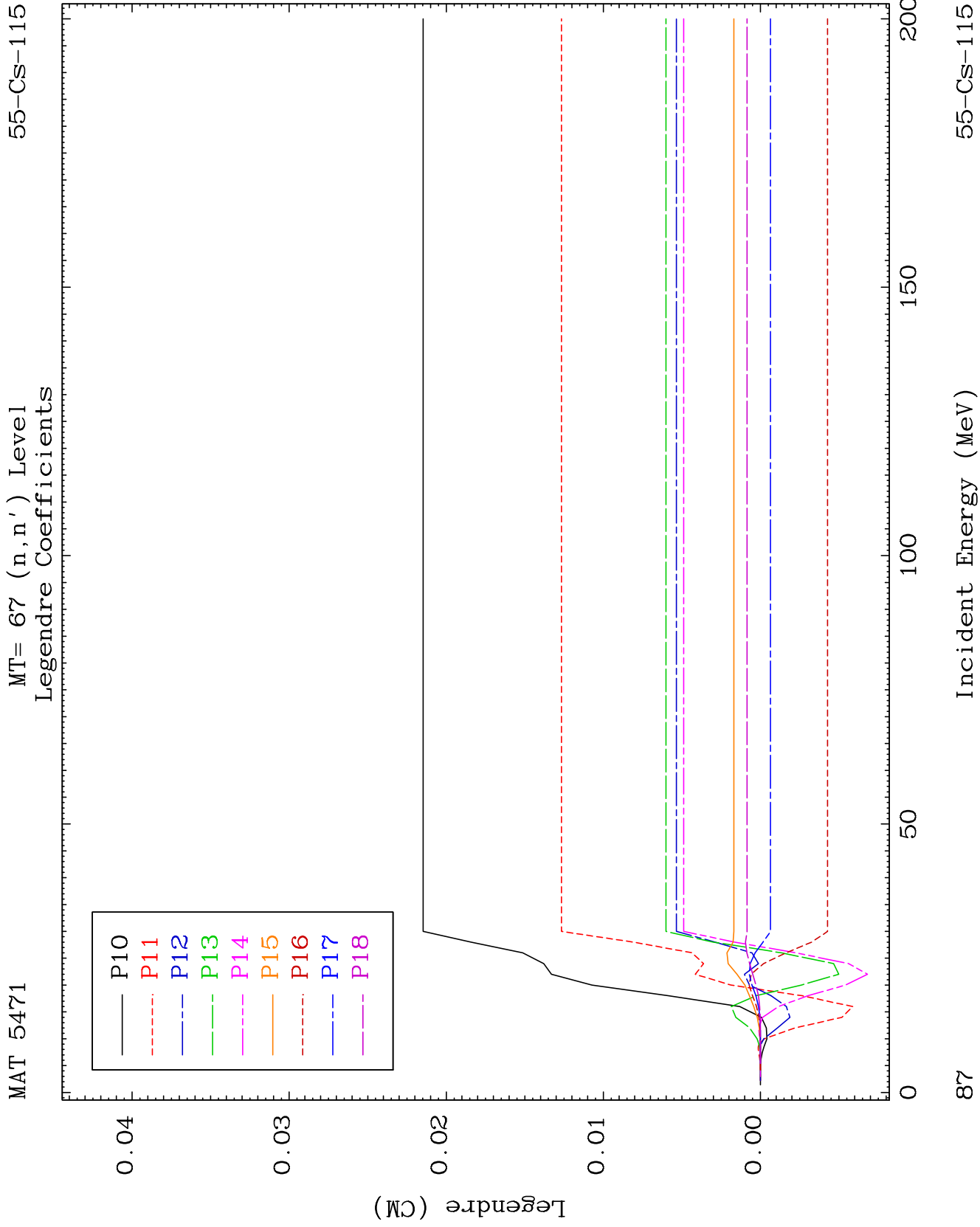
Incident Energy (MeV)

55-Cs-115





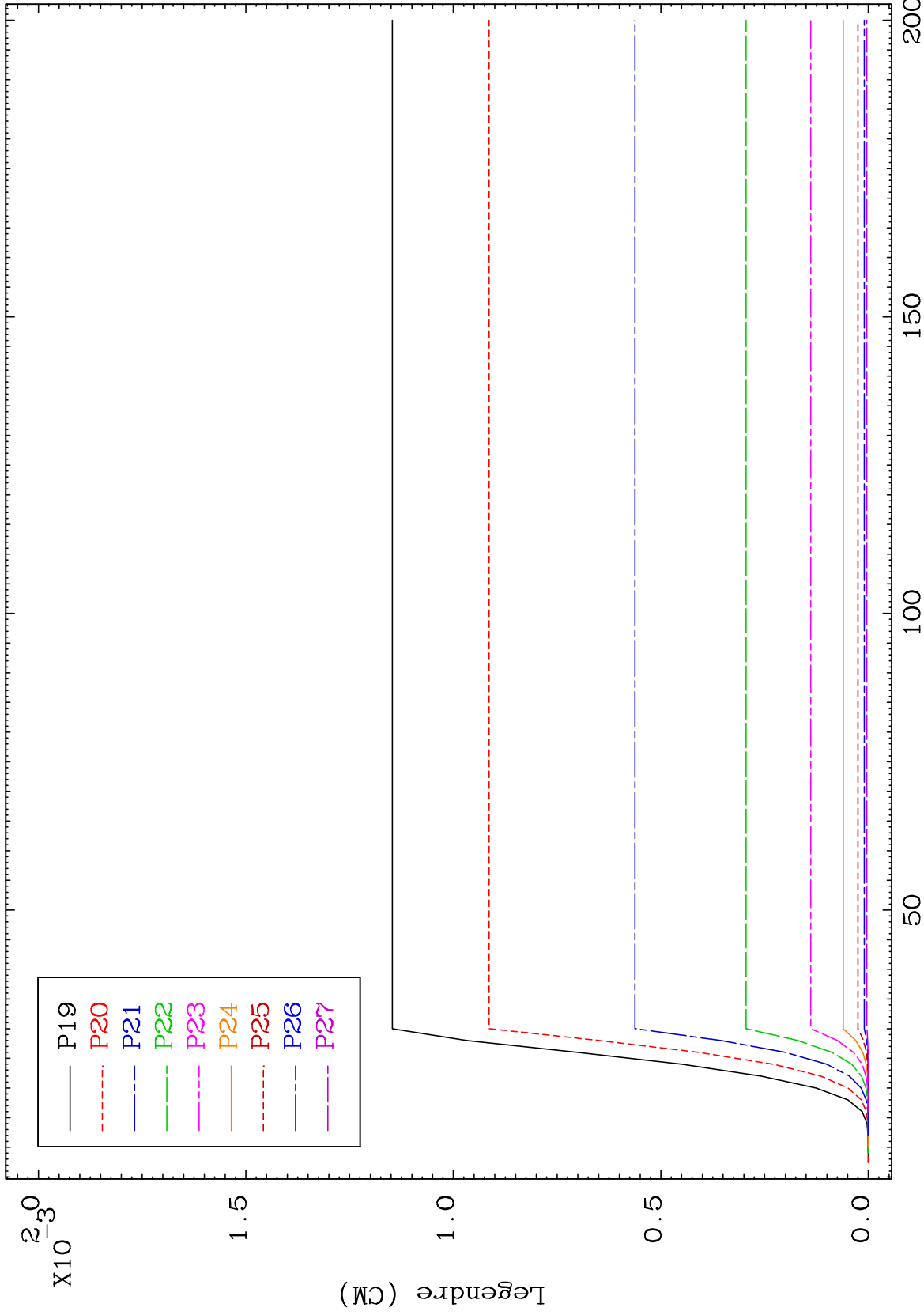




MAT 5471

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

55-Cs-115



88

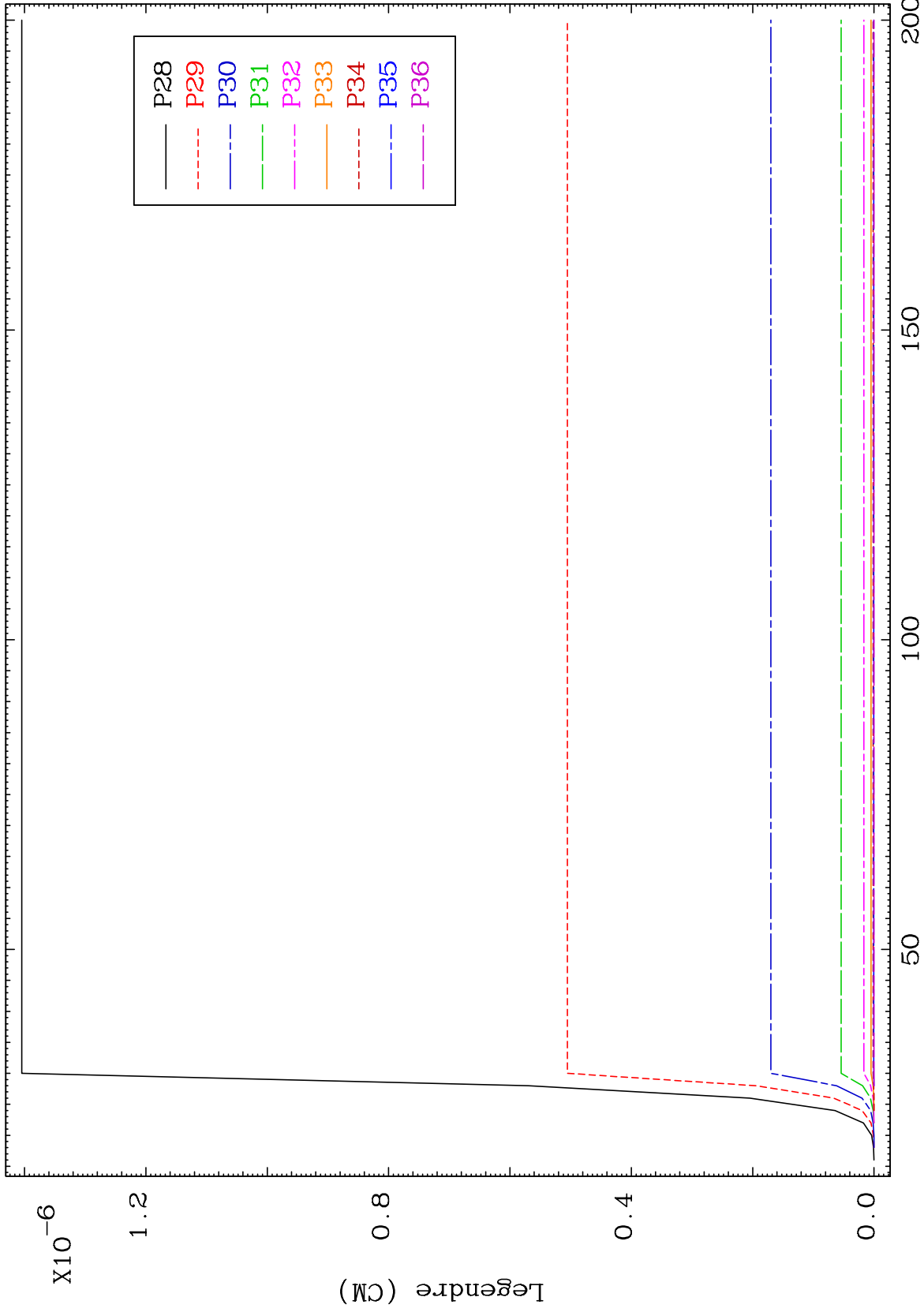
Incident Energy (MeV)

55-Cs-115

MAT 5471

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

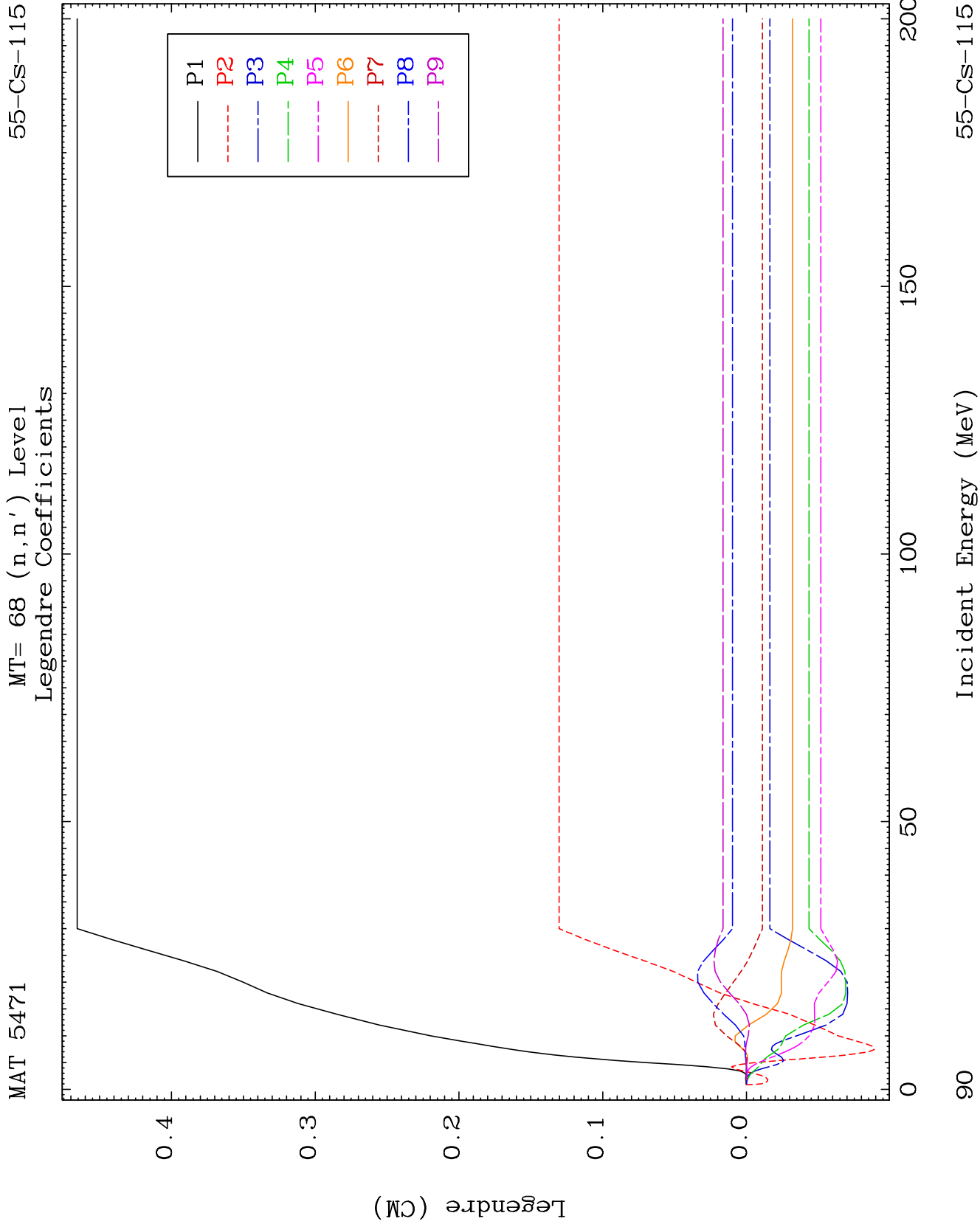
55-Cs-115



89

Incident Energy (MeV)

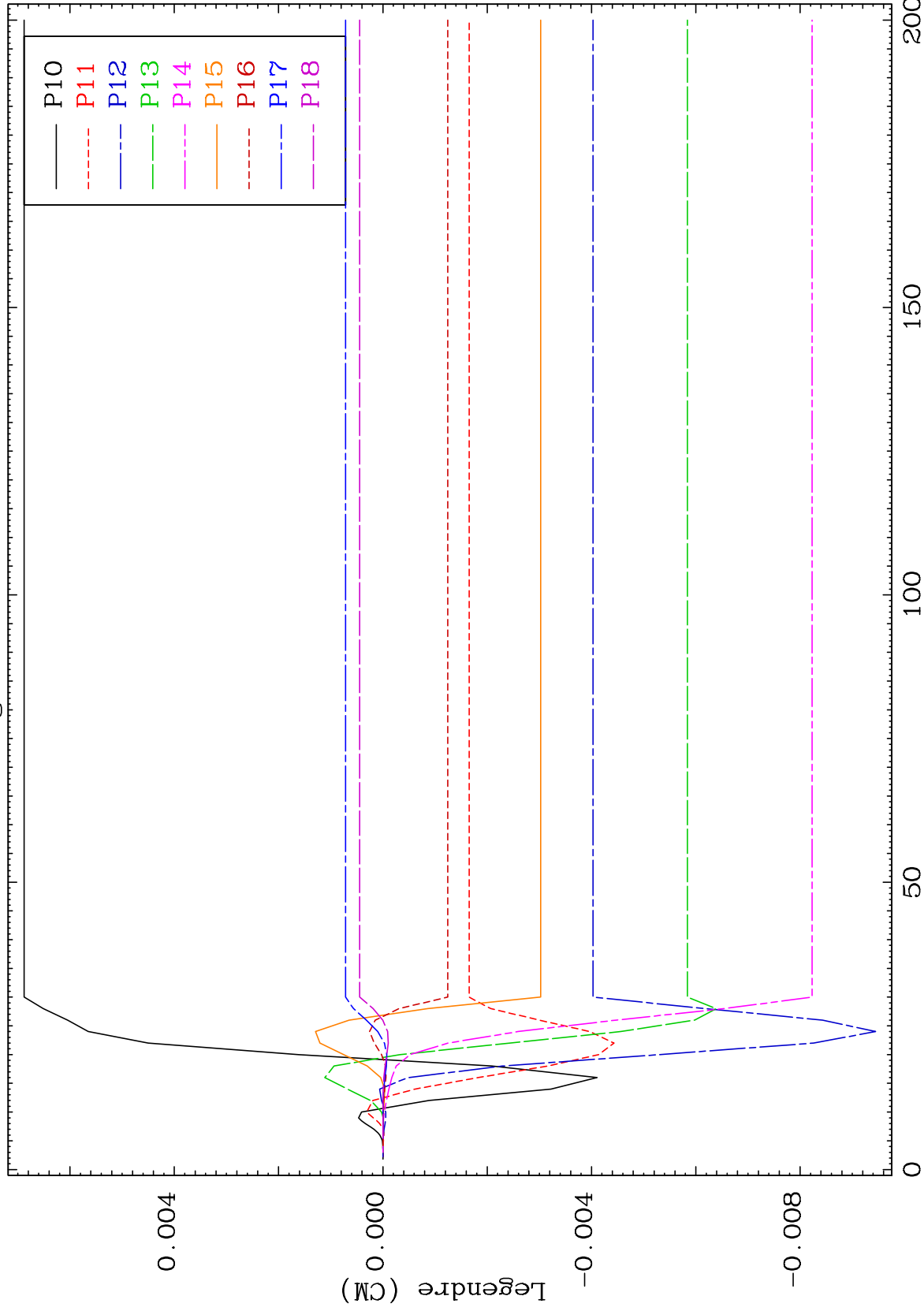
55-Cs-115



MAT 5471

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

55-Cs-115



91

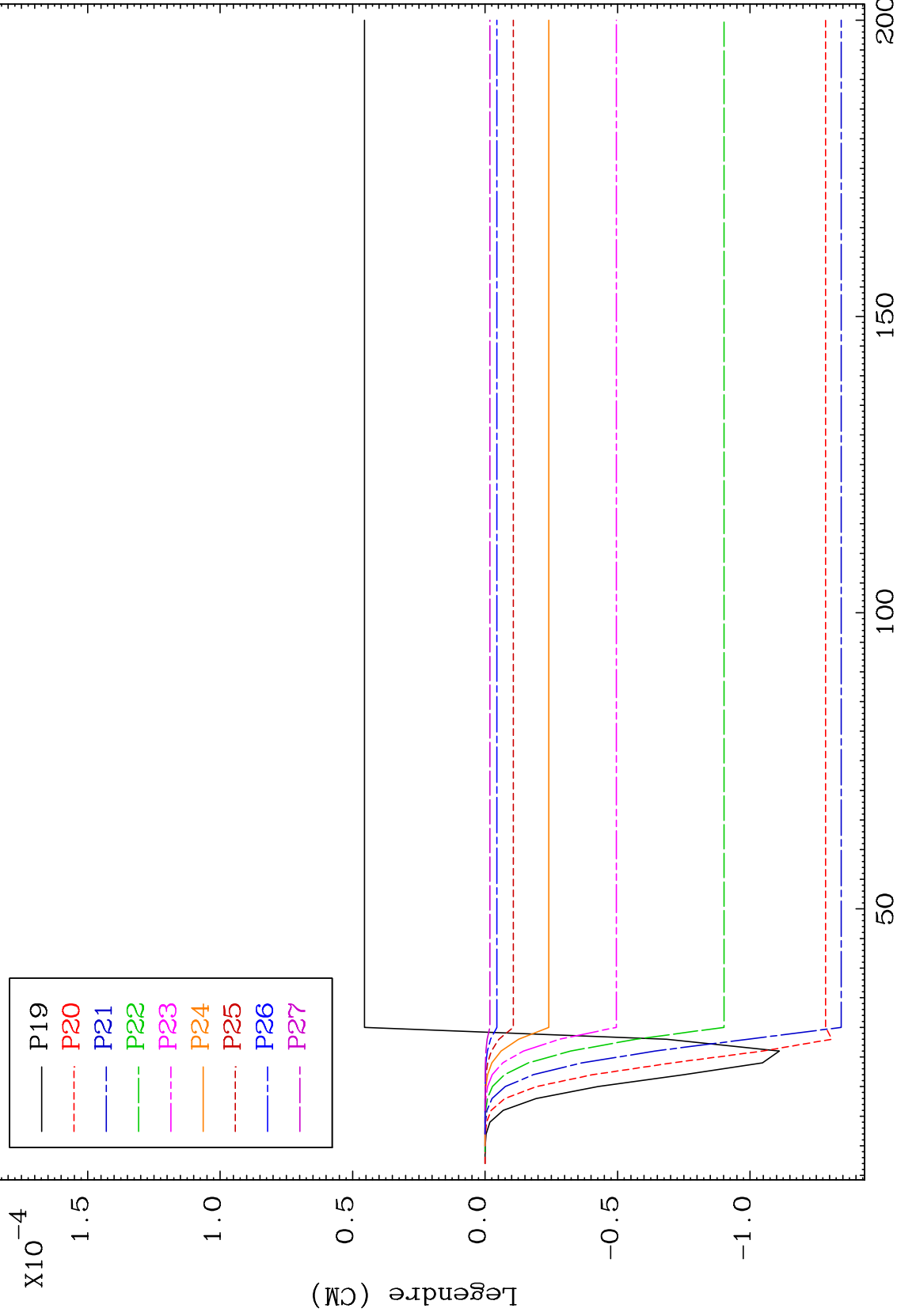
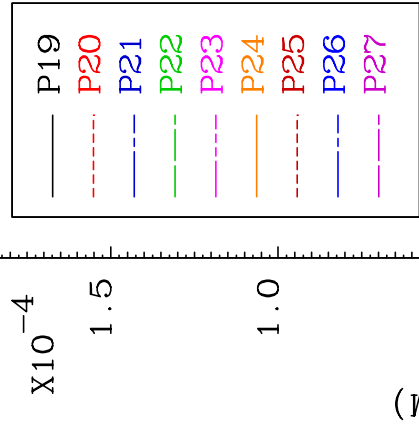
Incident Energy (MeV)

55-Cs-115

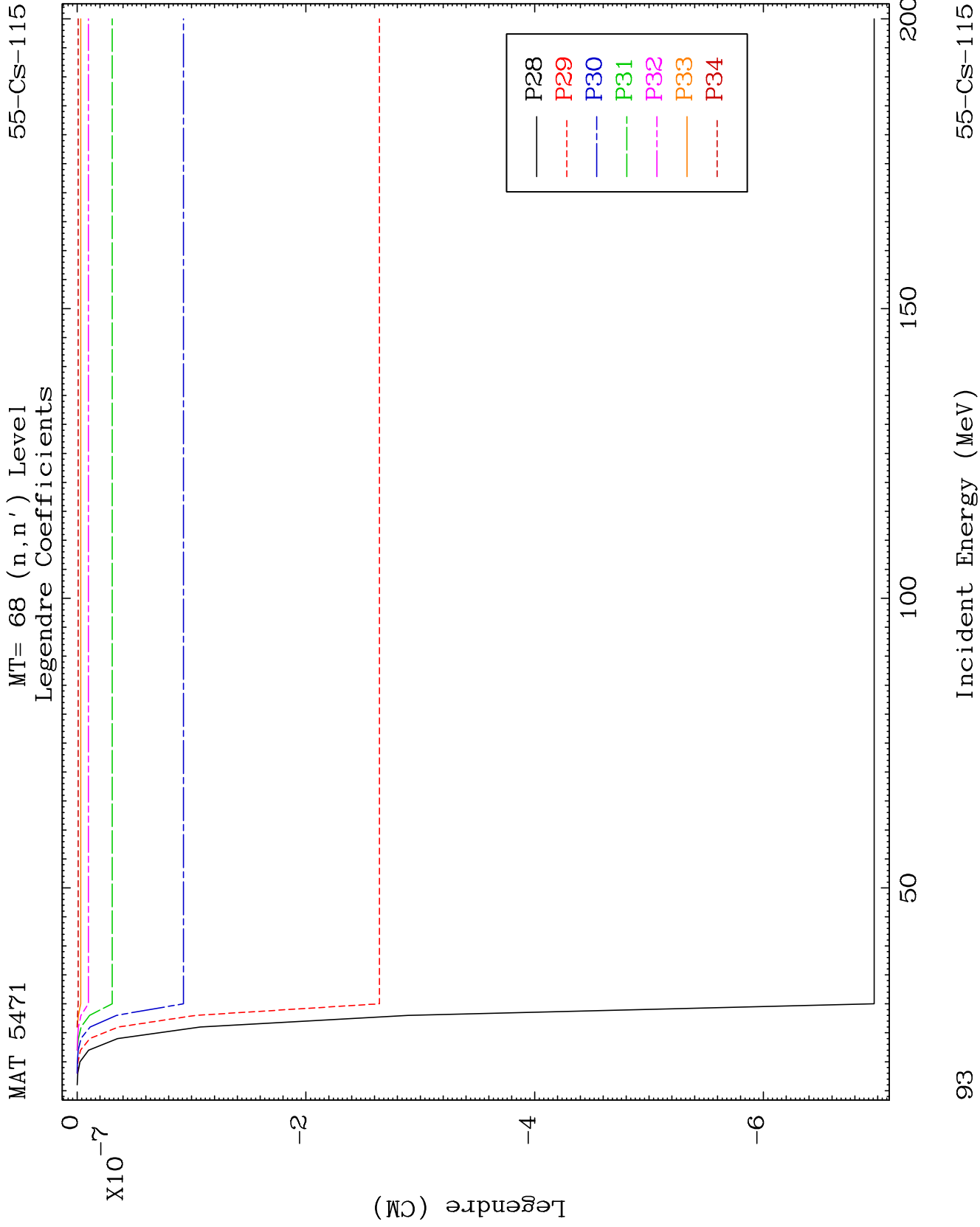
MAT 5471

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

55-Cs-115



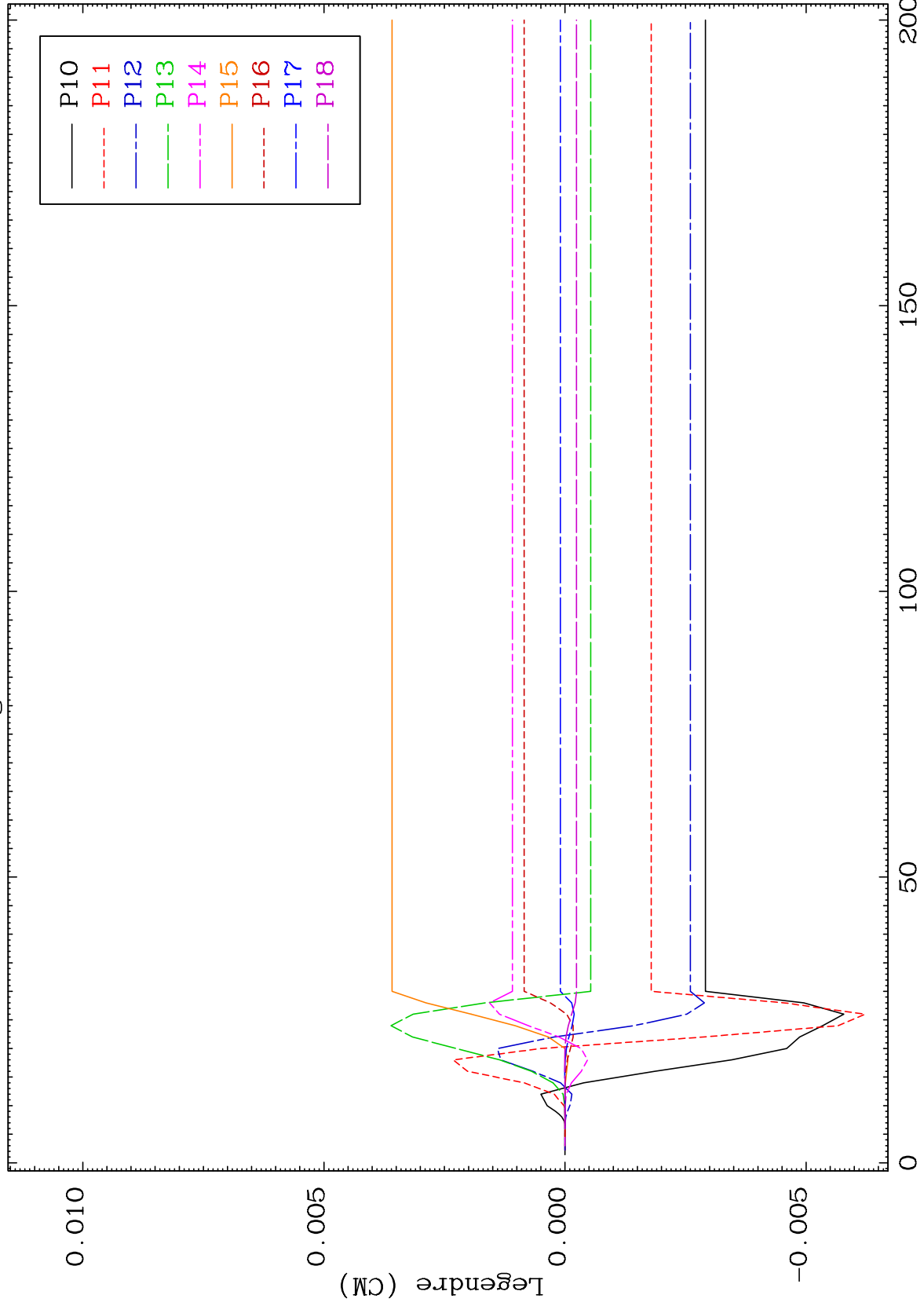
92



MAT 5471

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

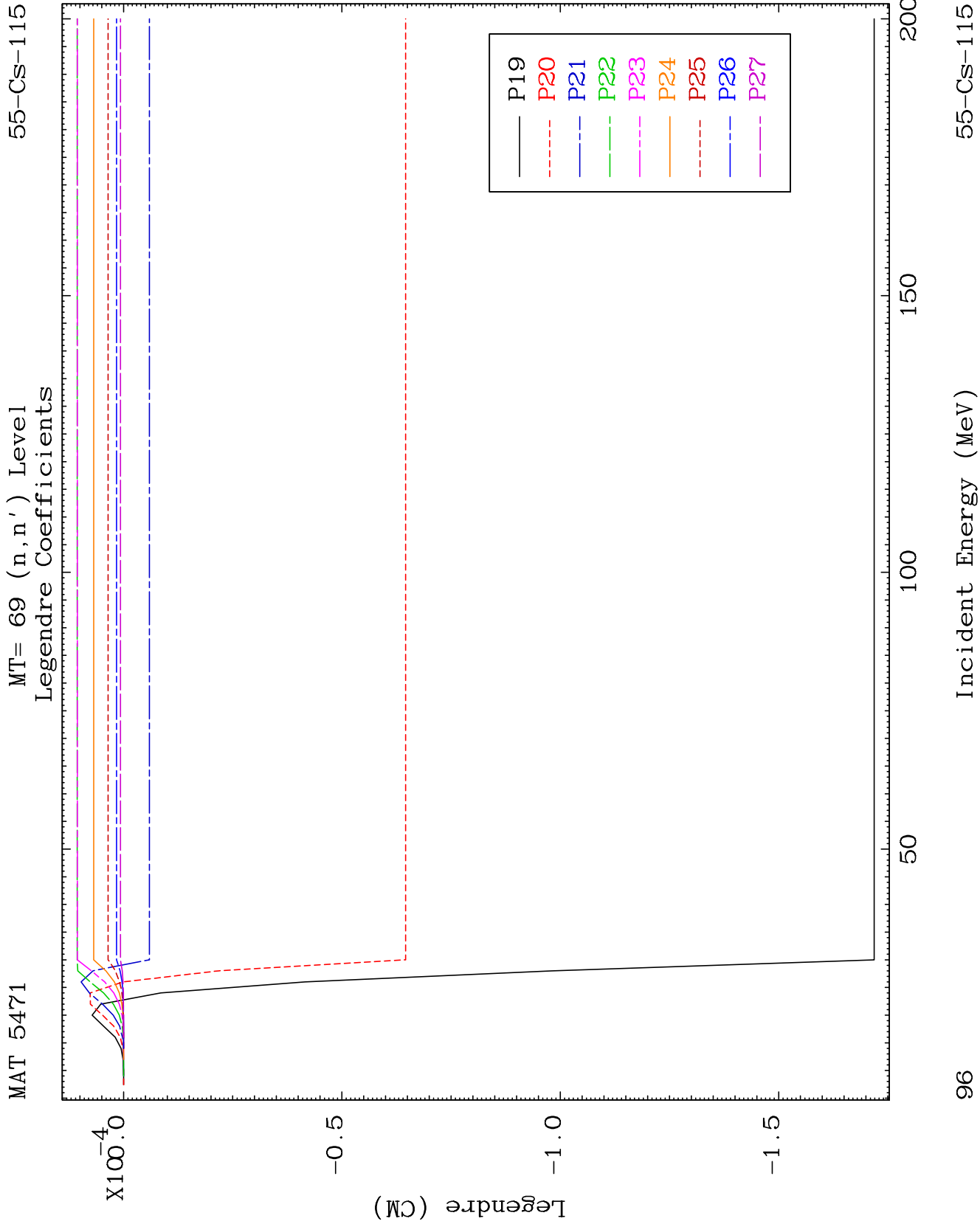
55-Cs-115

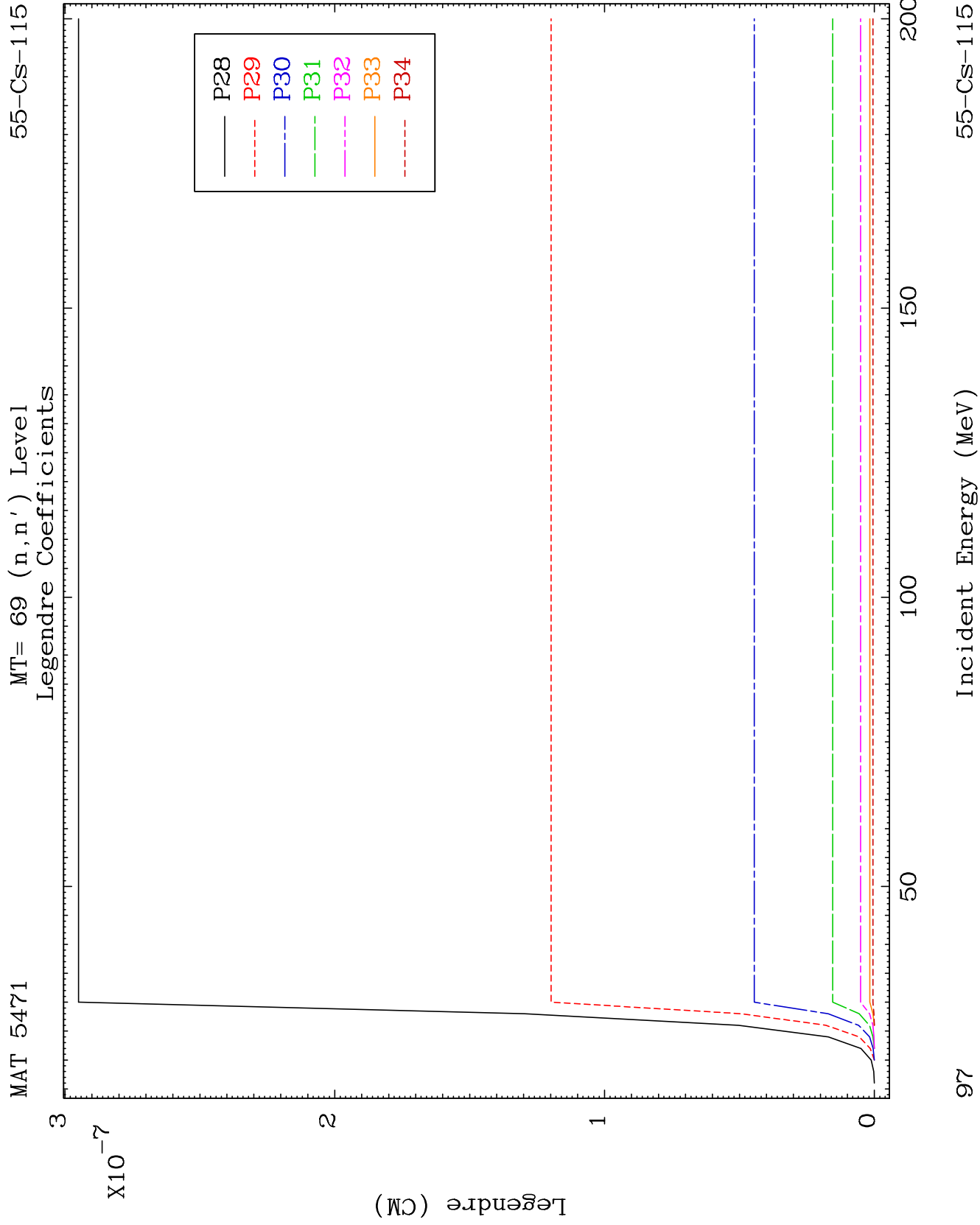


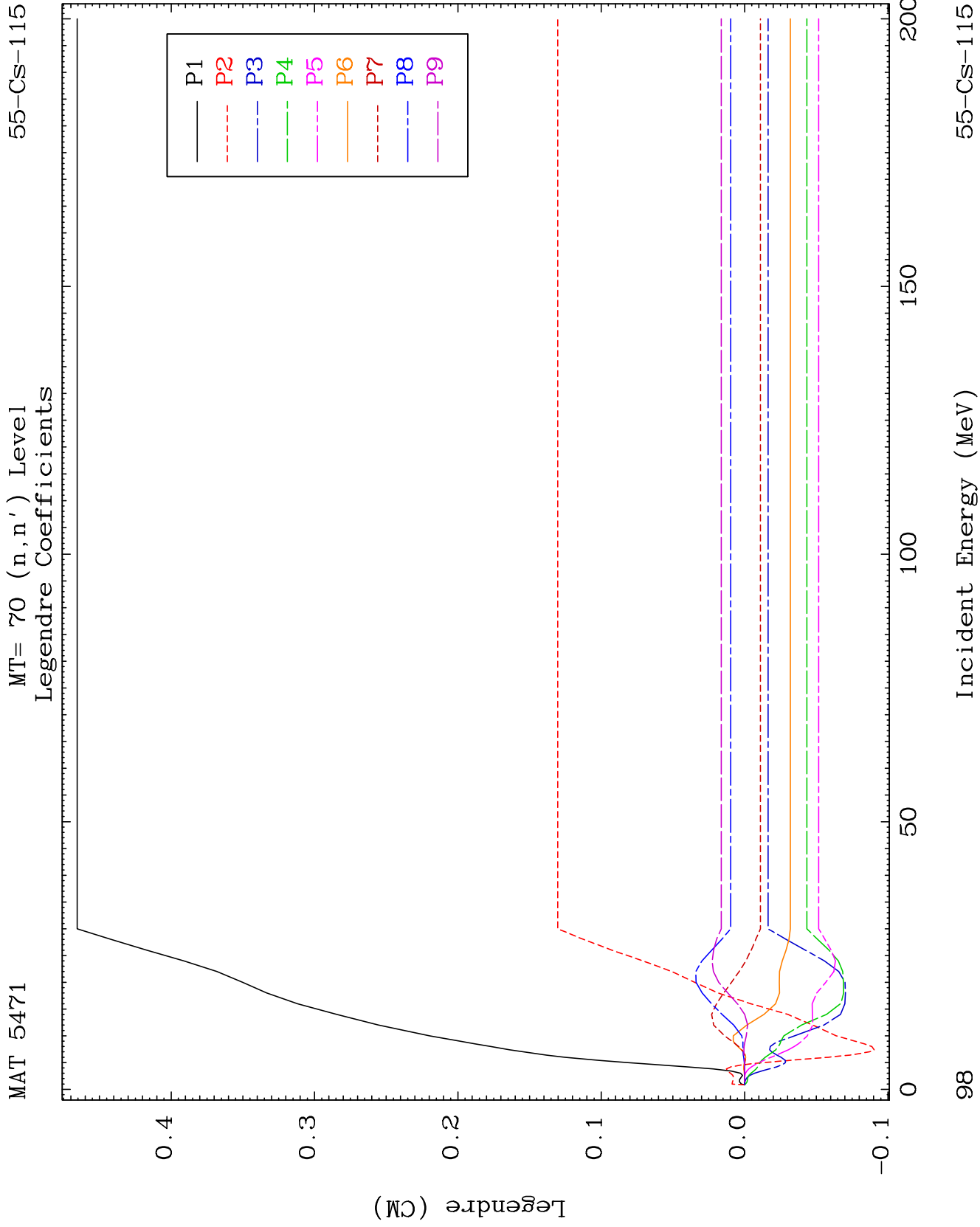
95

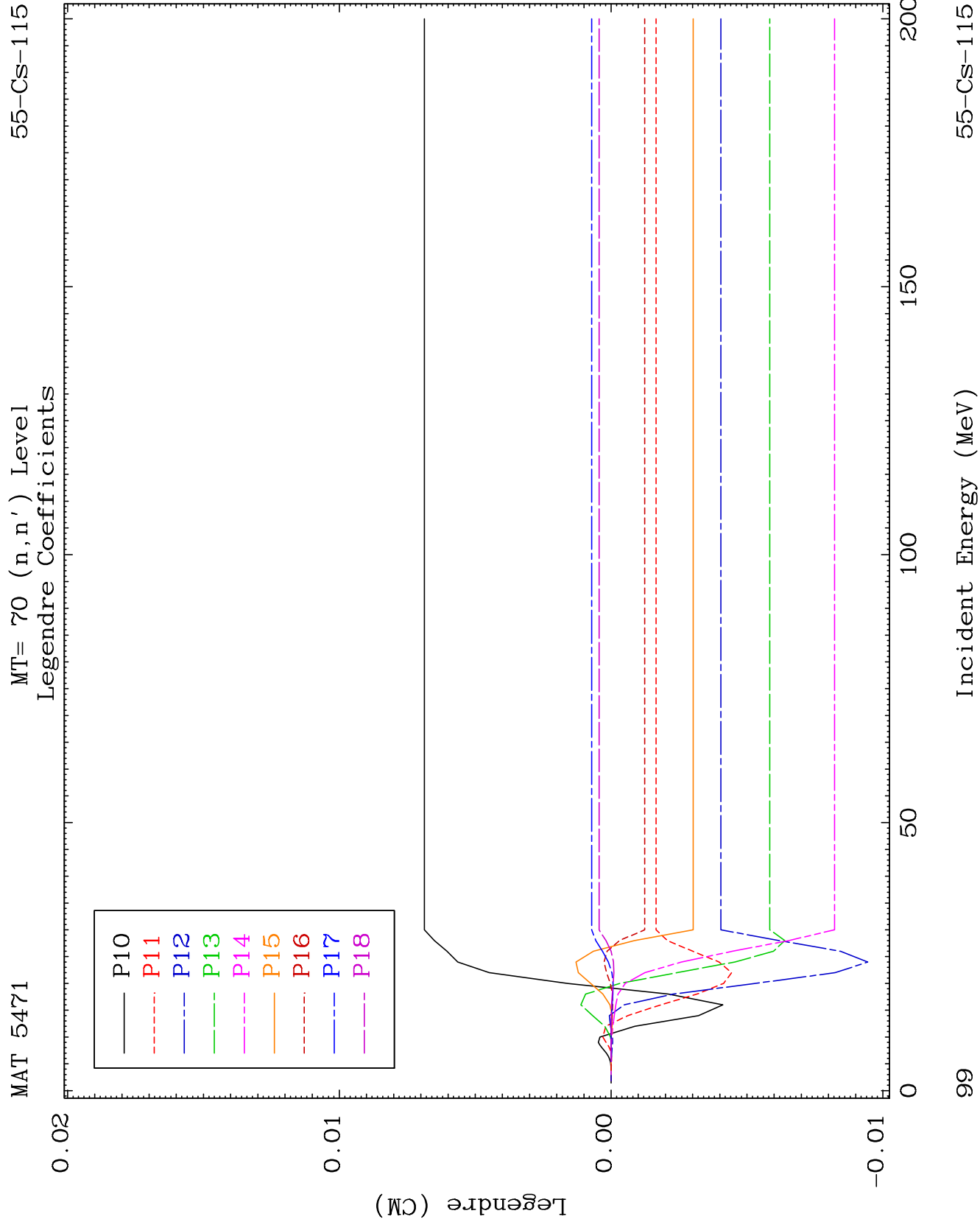
Incident Energy (MeV)

55-Cs-115





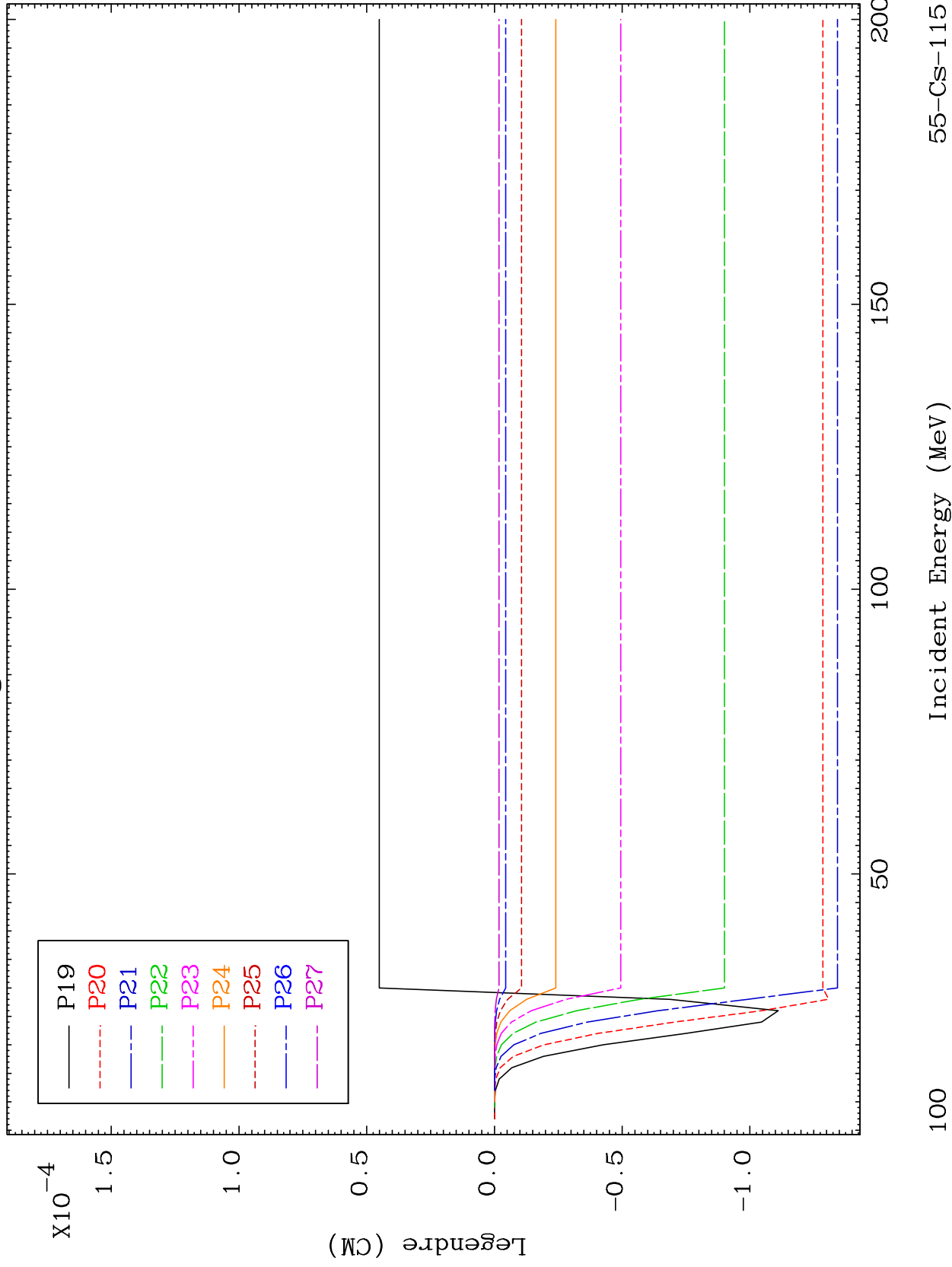




MAT 5471

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

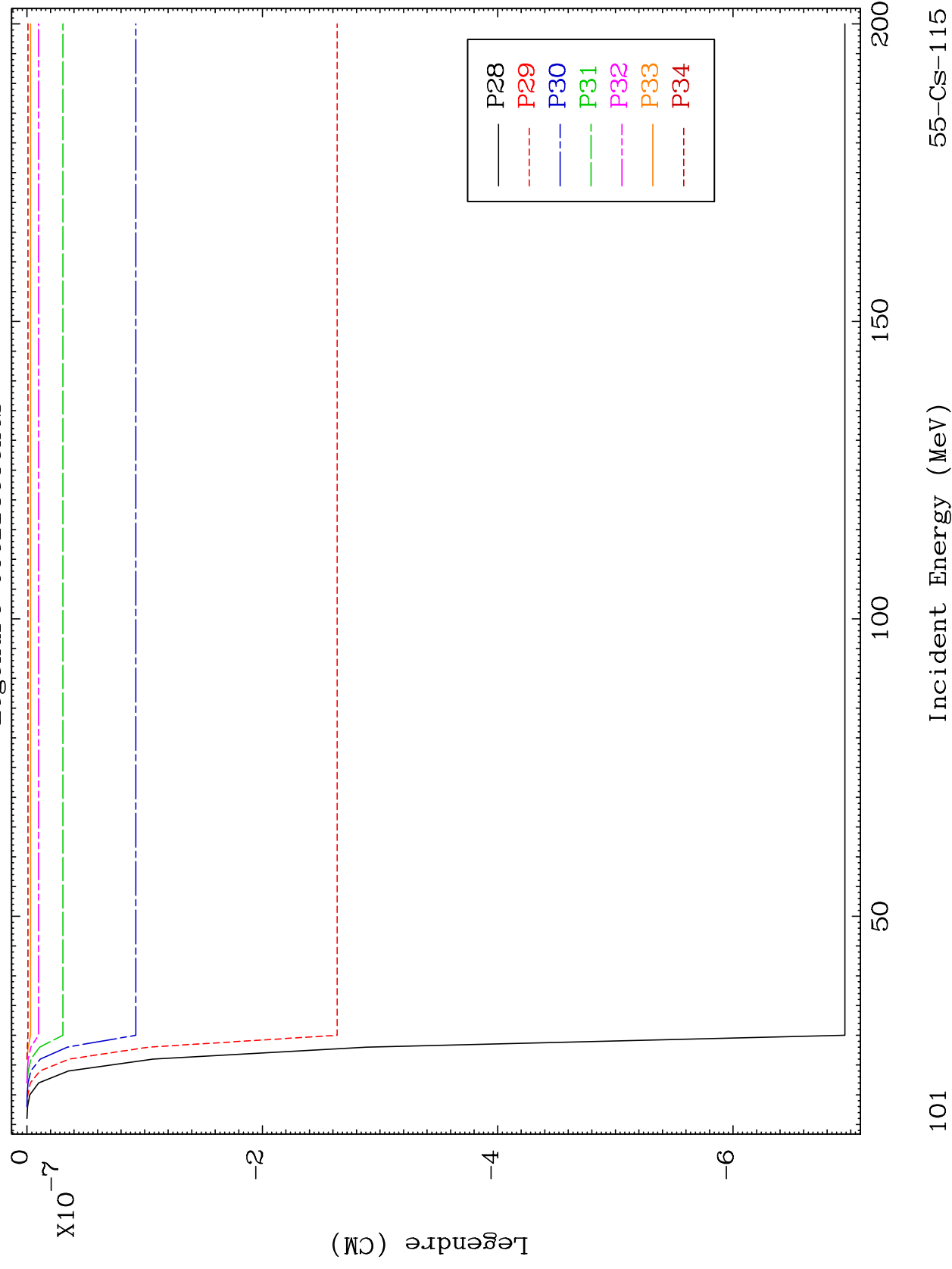
55-Cs-115

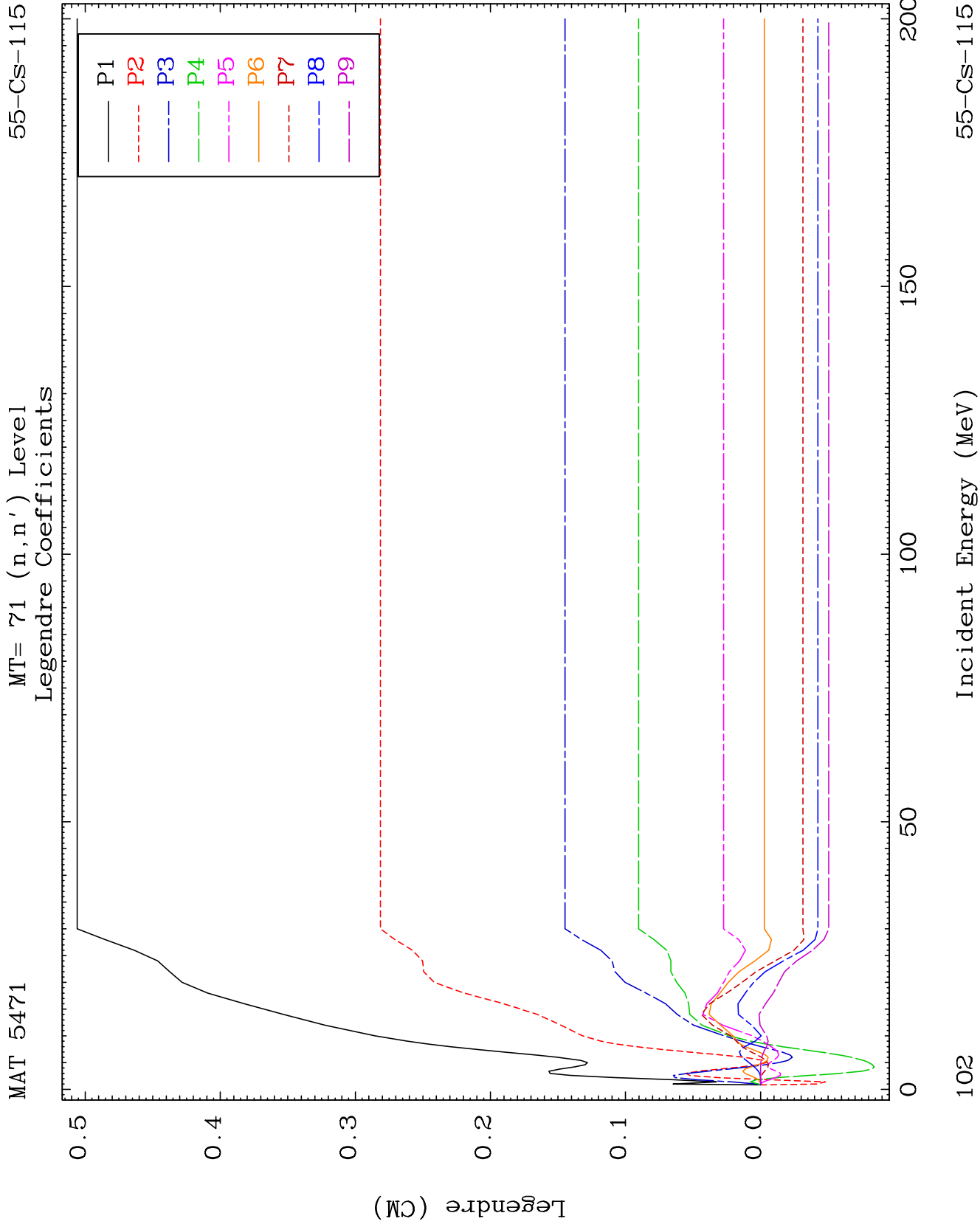


MAT 5471

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

55-CS-115

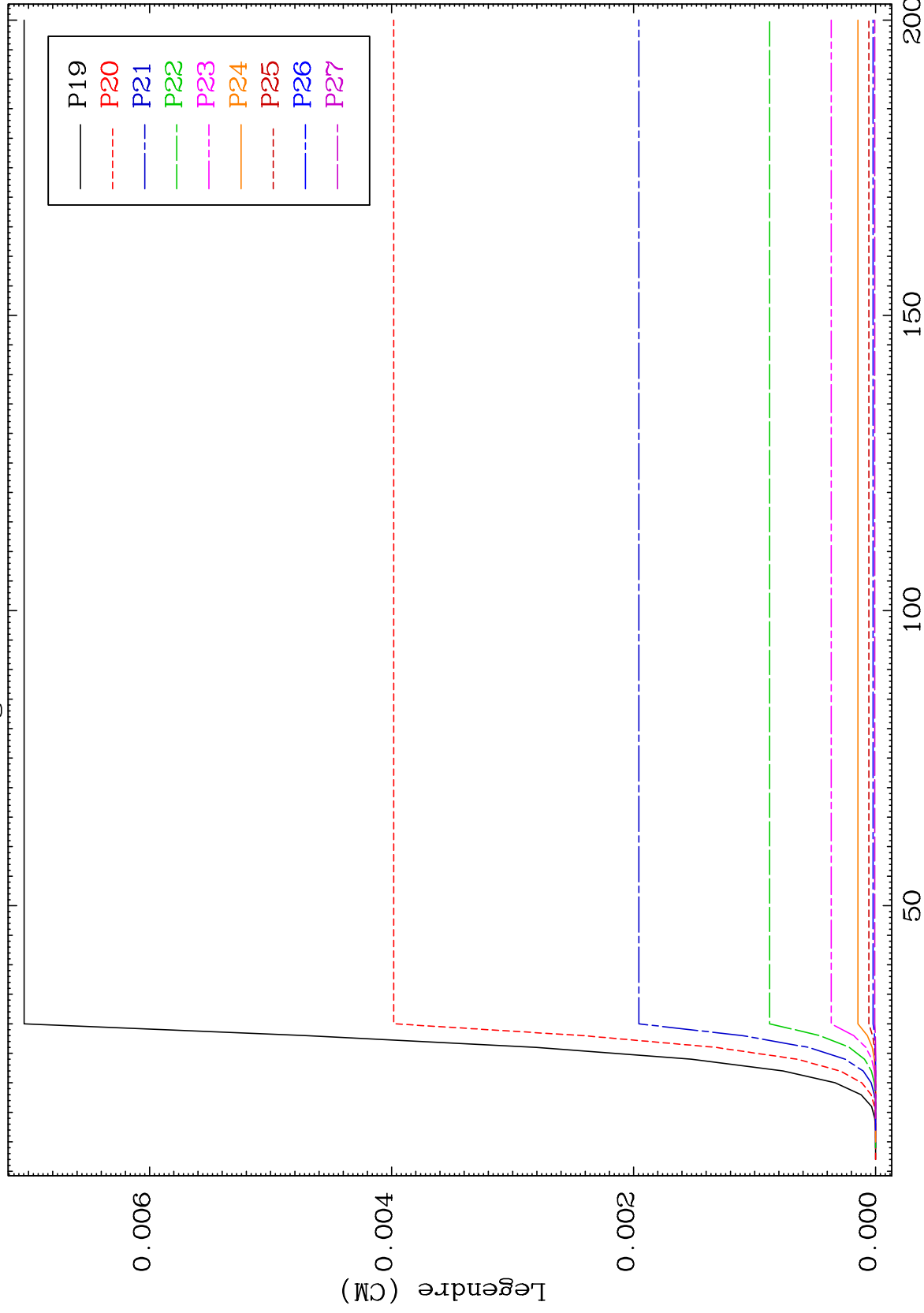


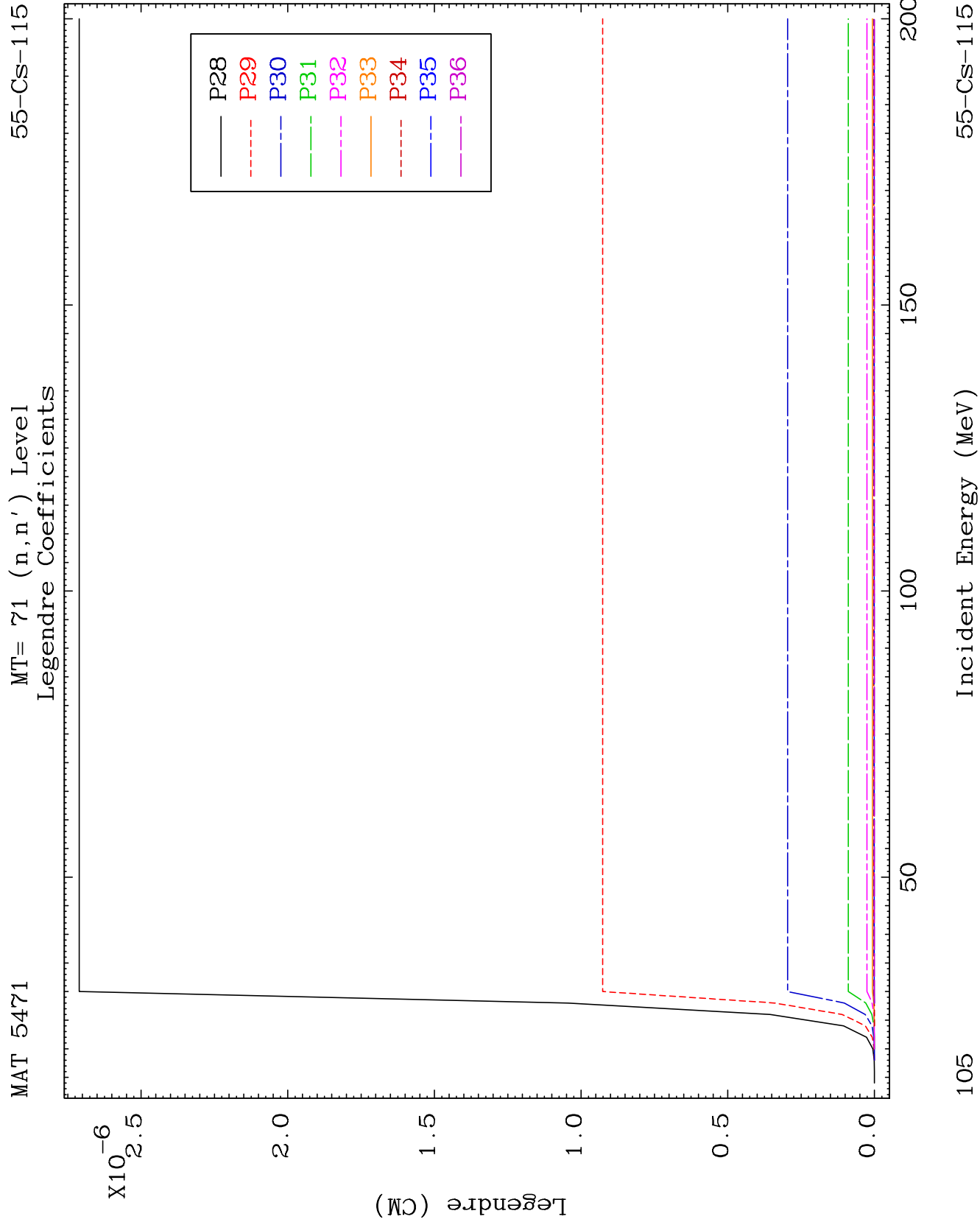


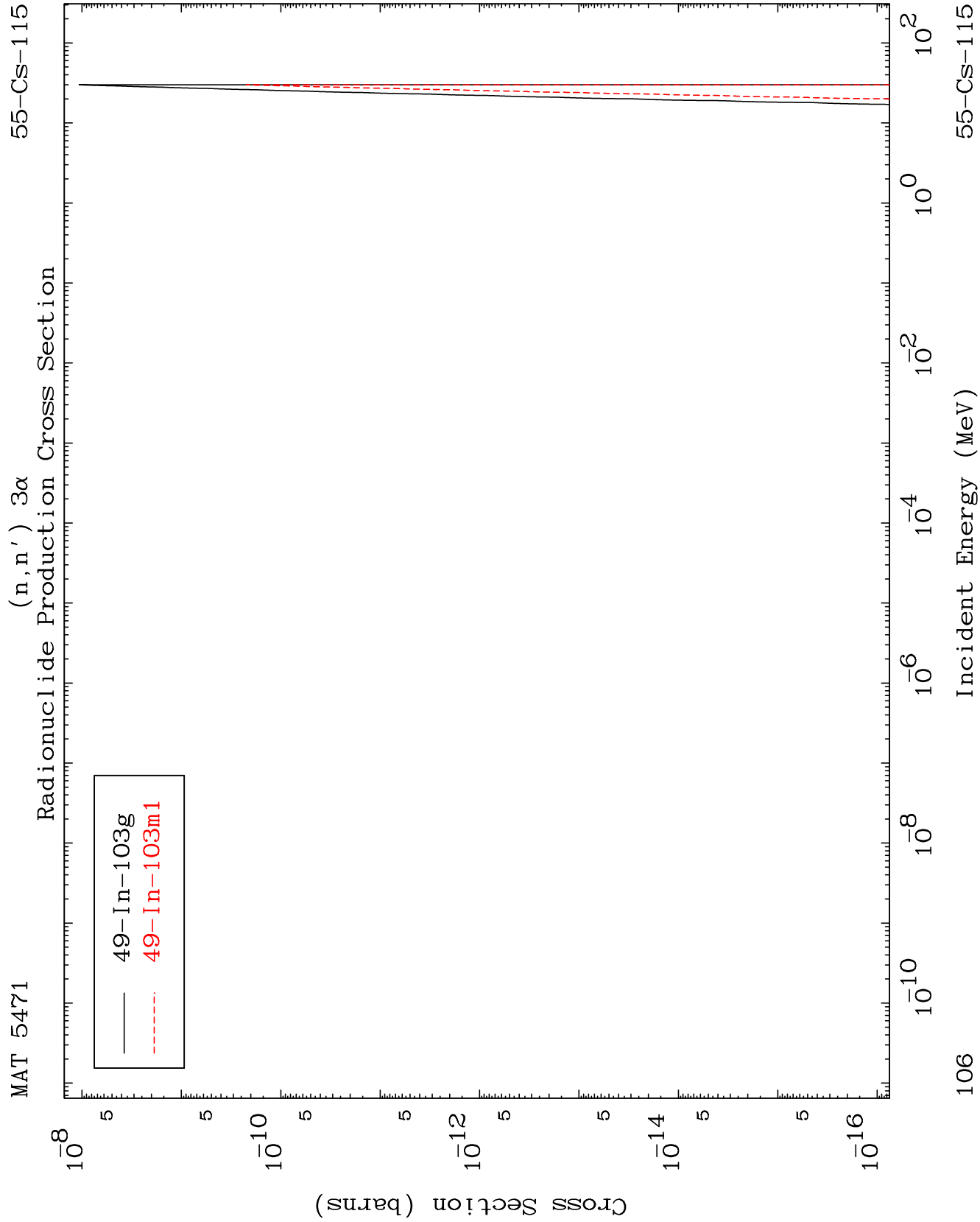
MAT 5471

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

55-Cs-115



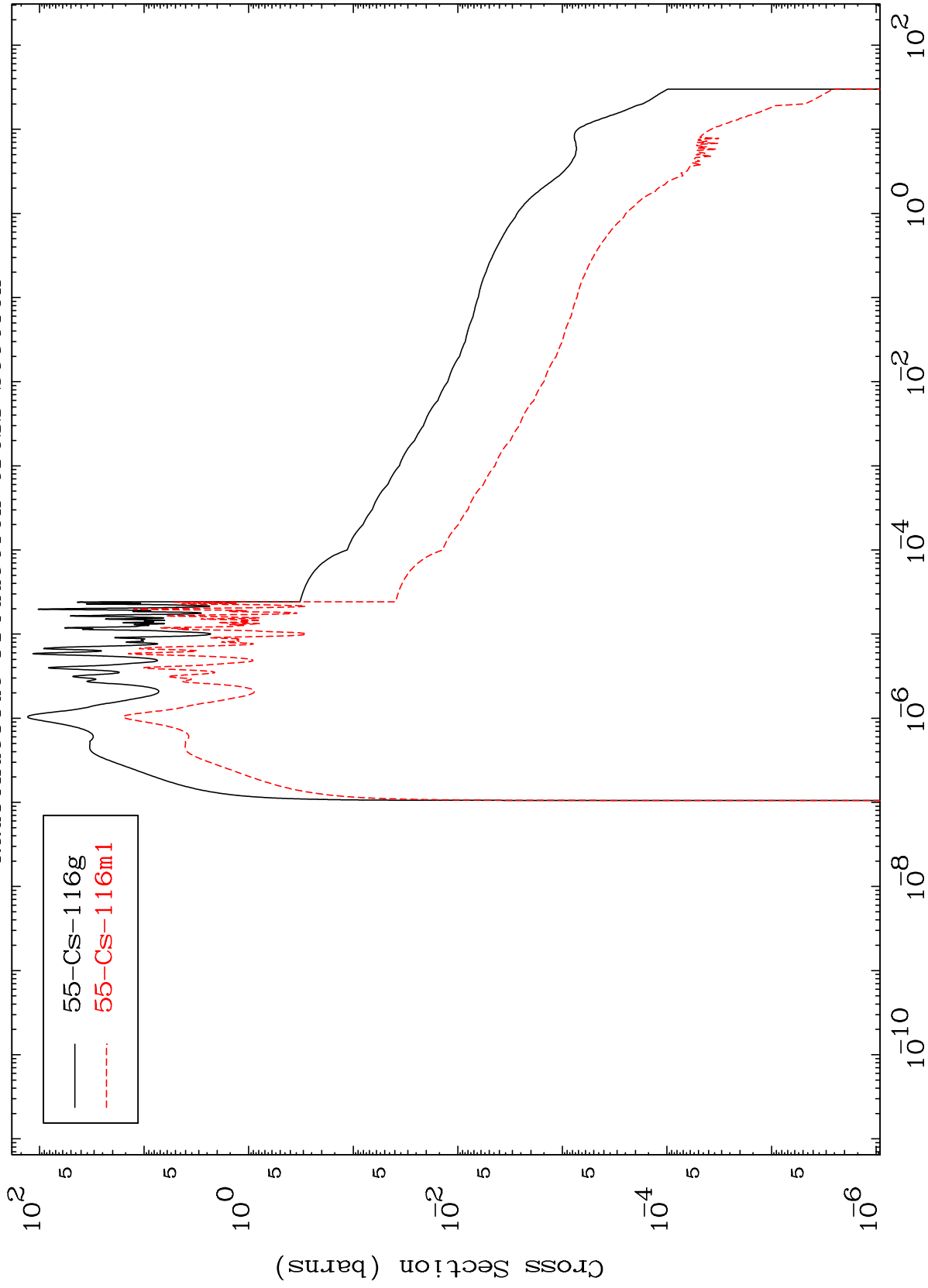




MAT 5471

55-Cs-115

Radionuclide Production Cross Section

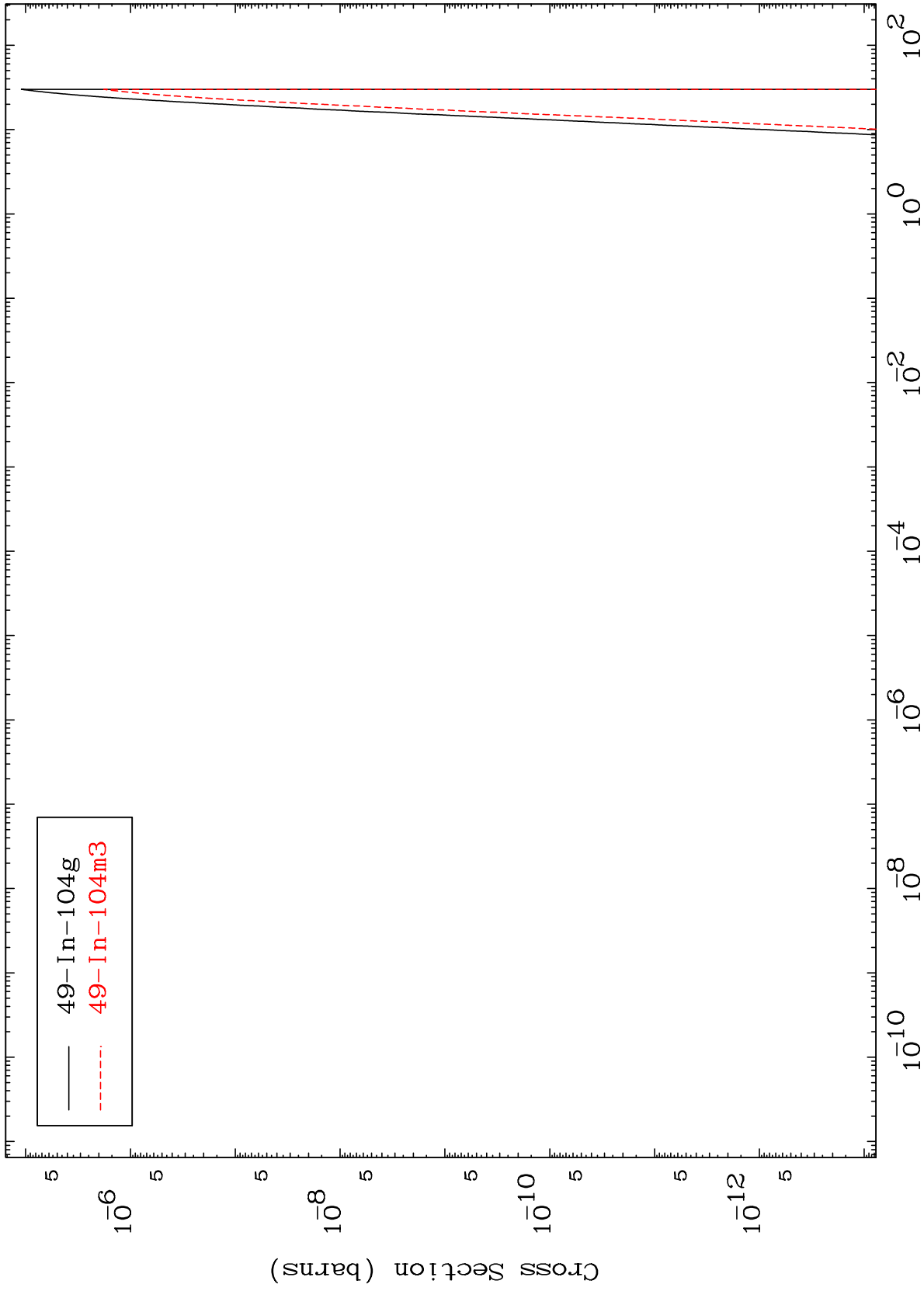


MAT 5471

(n,3α)

55-Cs-115

Radionuclide Production Cross Section



108

Incident Energy (MeV)

55-Cs-115

