

Program EVALPLOT
(Version 2021-1)

by

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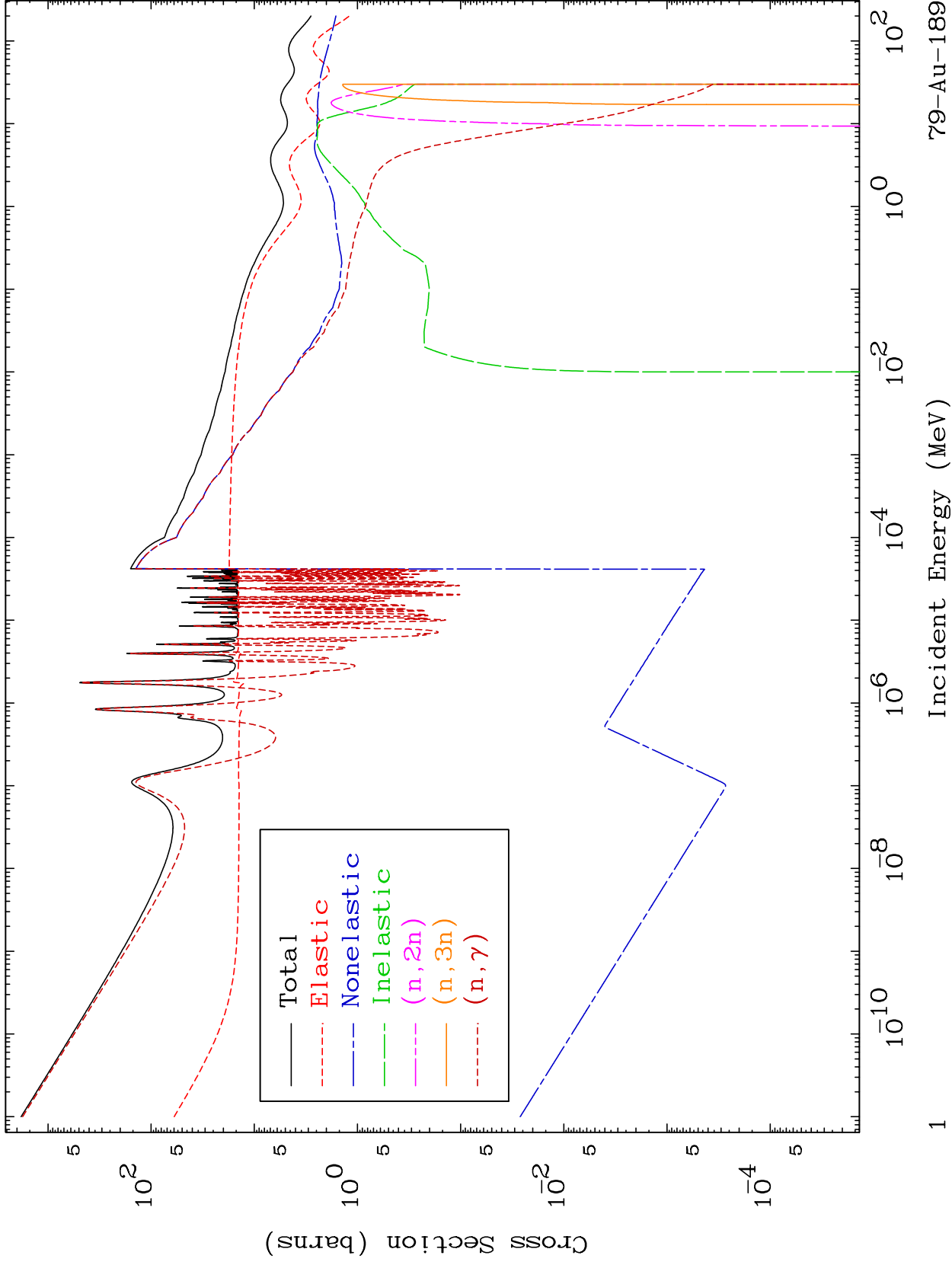
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Press Mouse Button to Start

MAT 7901

Neutron Major
293 Kelvin Cross Sections

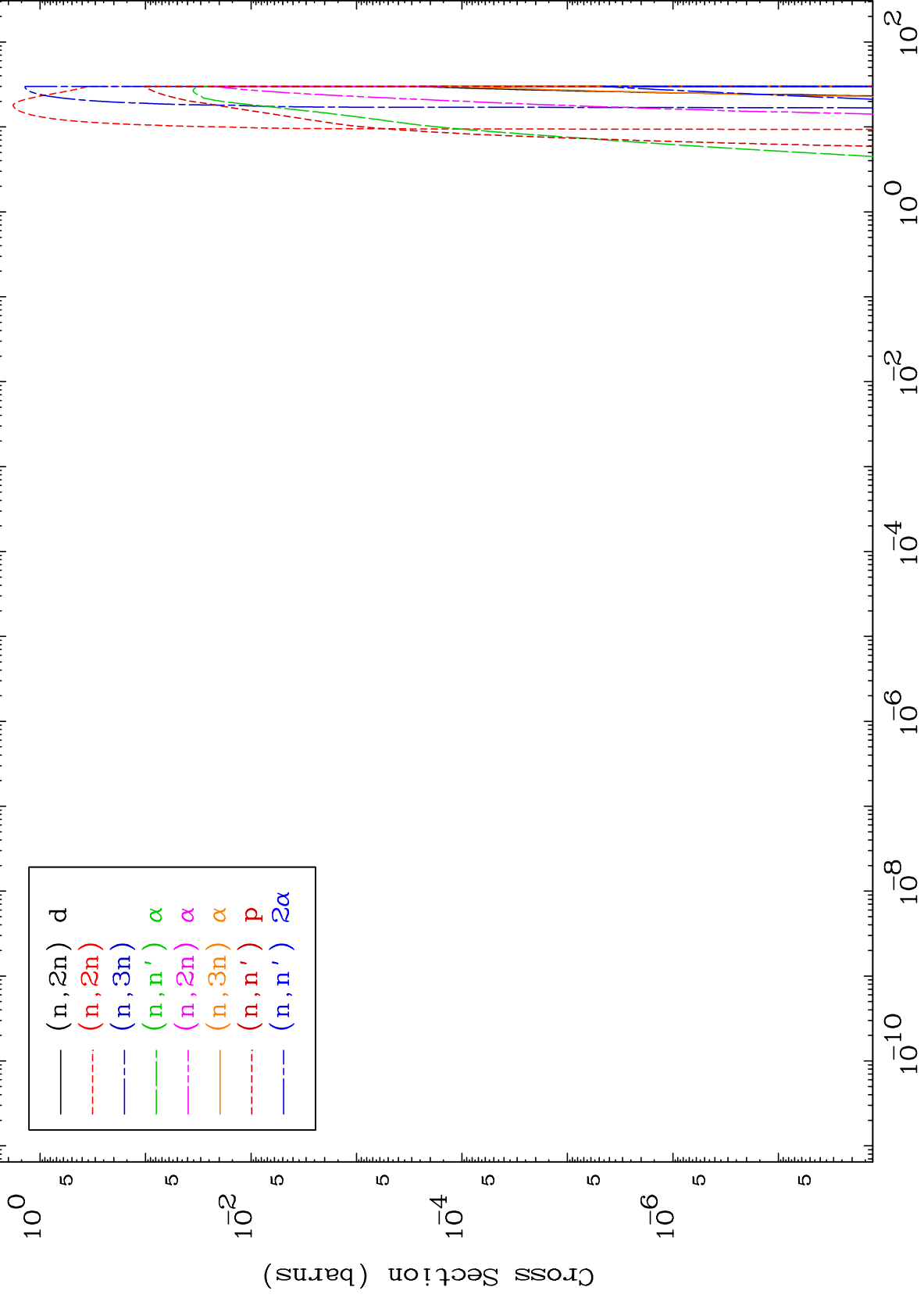
79-Au-189



MAT 7901

Neutron Absorption
293 Kelvin Cross Sections

79-Au-189



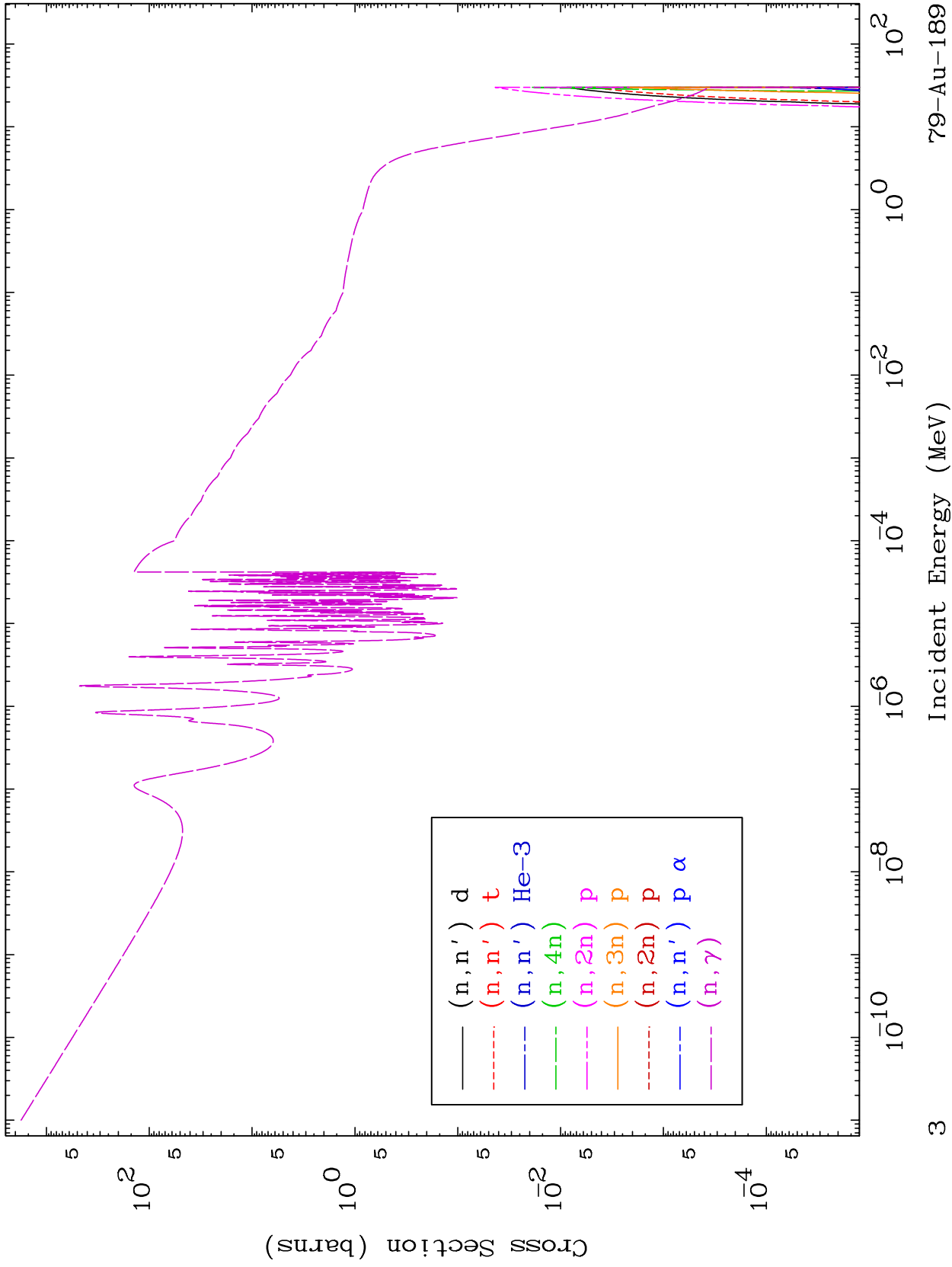
79-Au-189

Incident Energy (MeV)

MAT 7901

Neutron Absorption
293 Kelvin Cross Sections

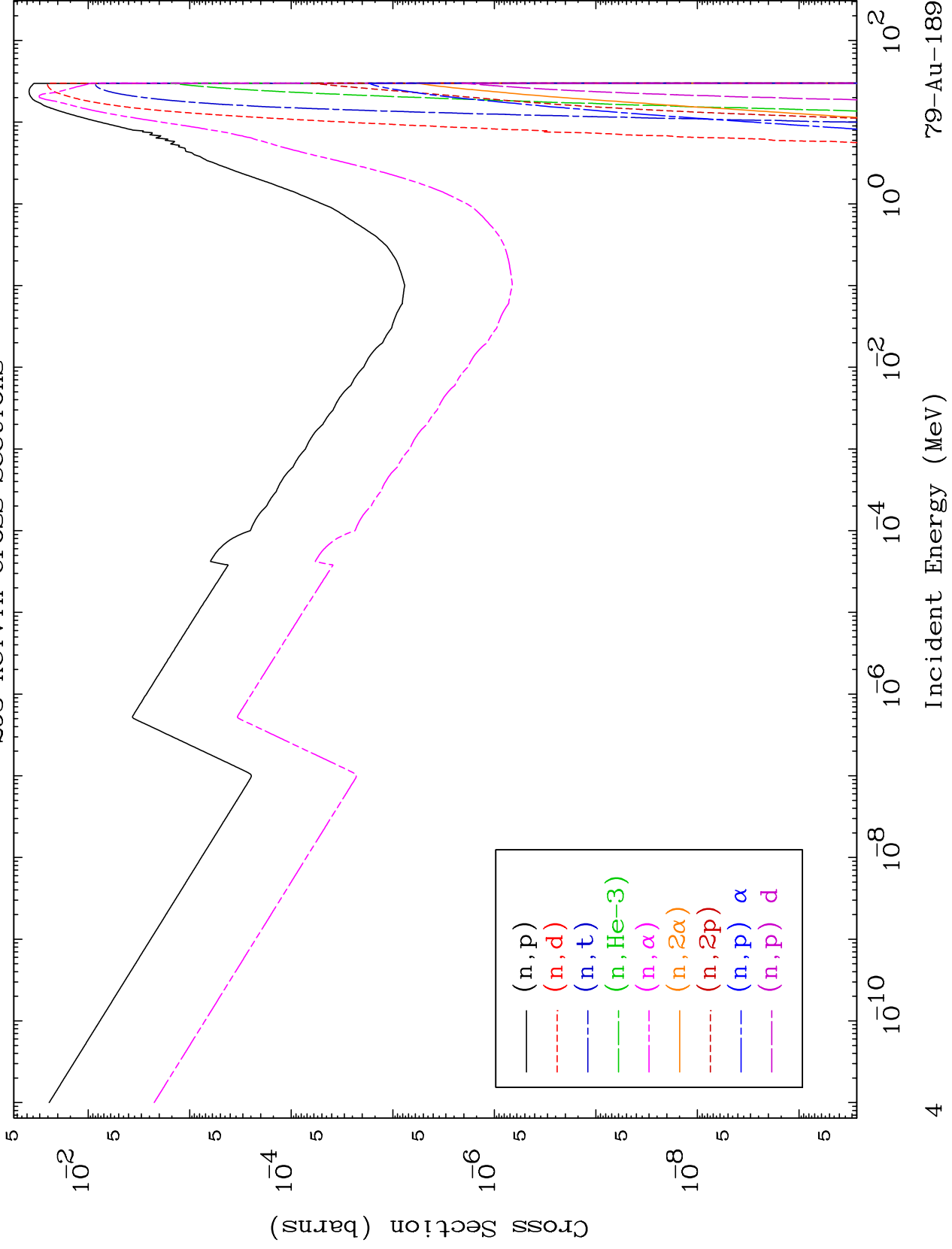
79-Au-189

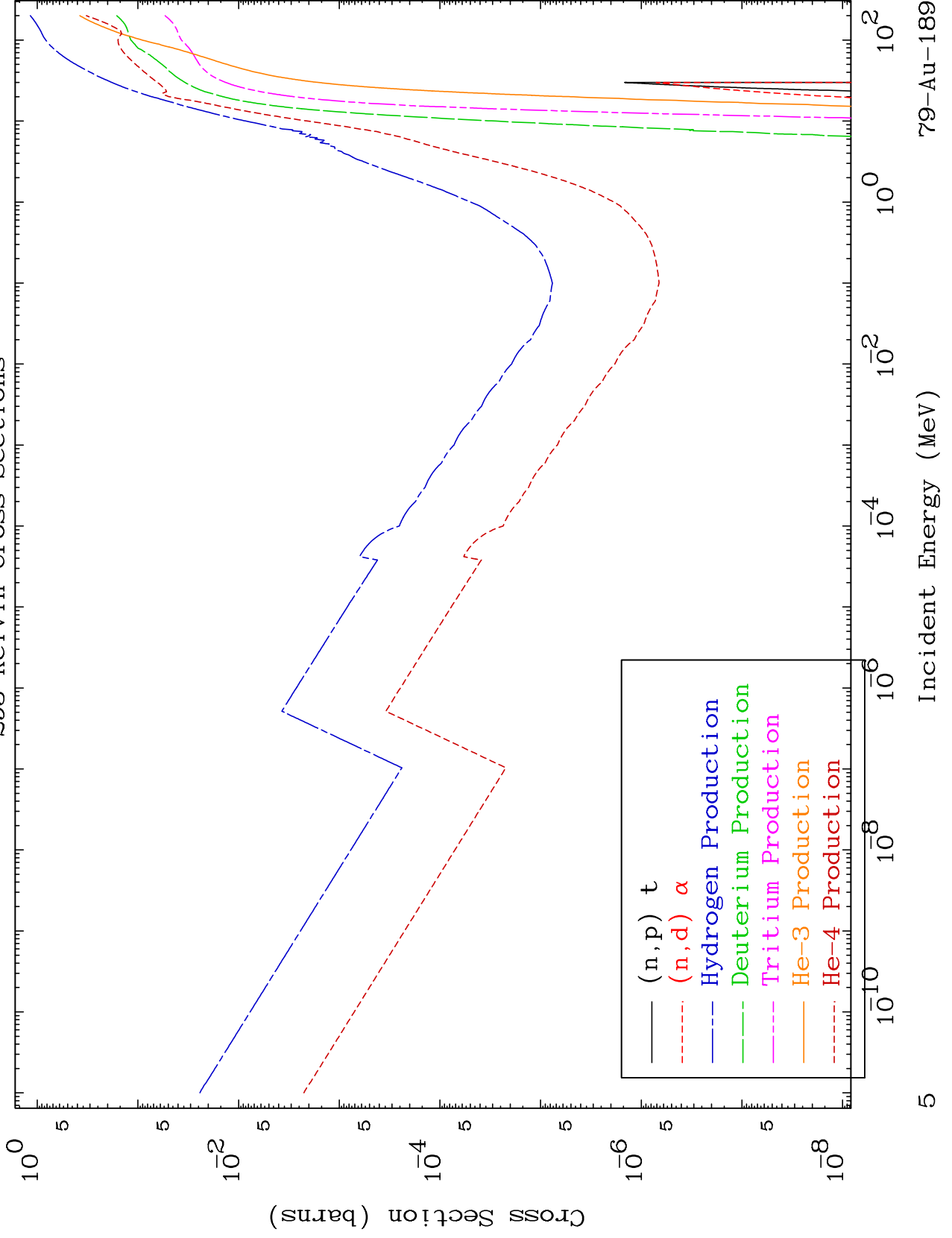


MAT 7901

Neutron Absorption
293 Kelvin Cross Sections

79-Au-189

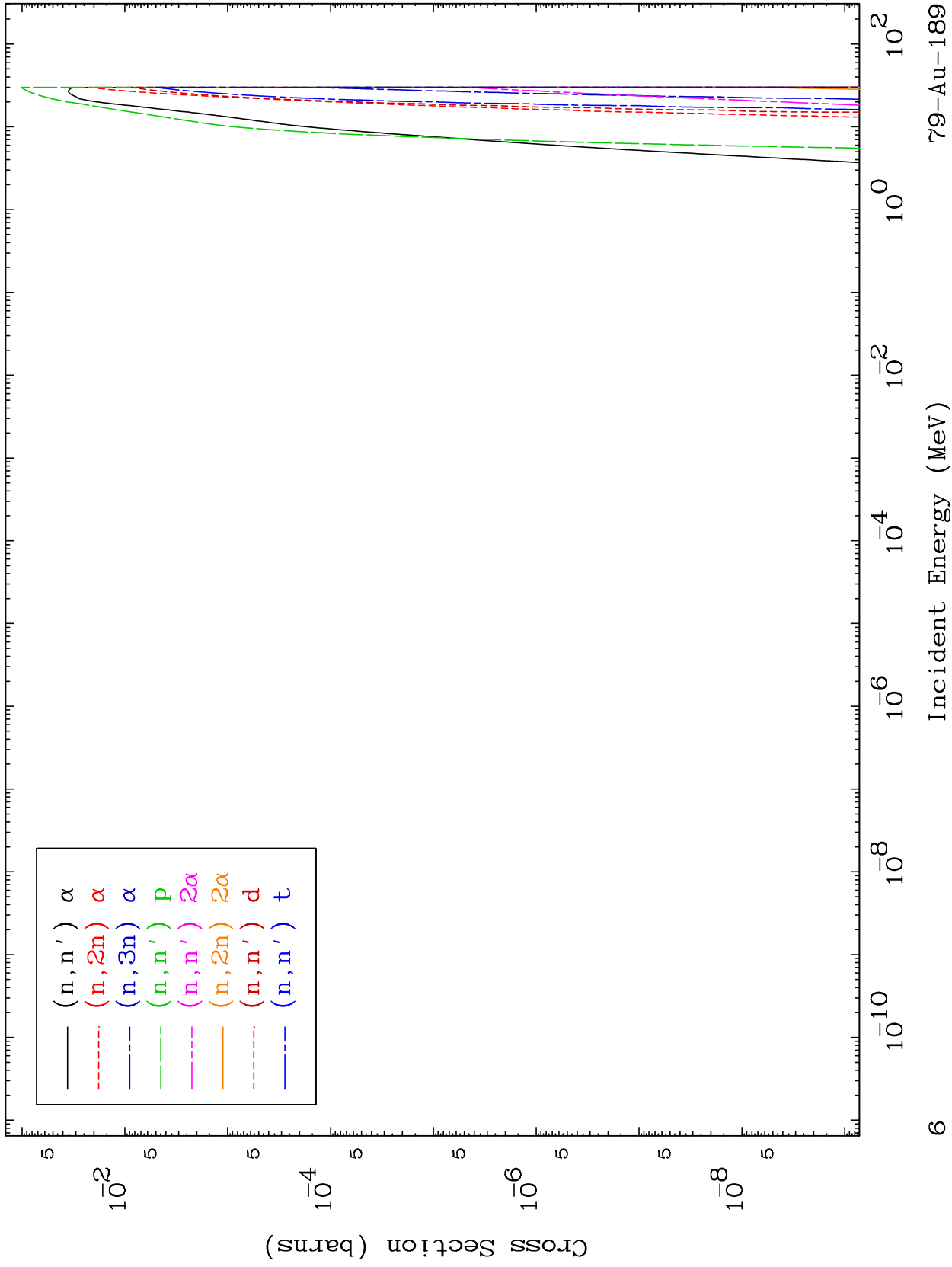




MAT 7901

Charged Particle
293 Kelvin Cross Sections

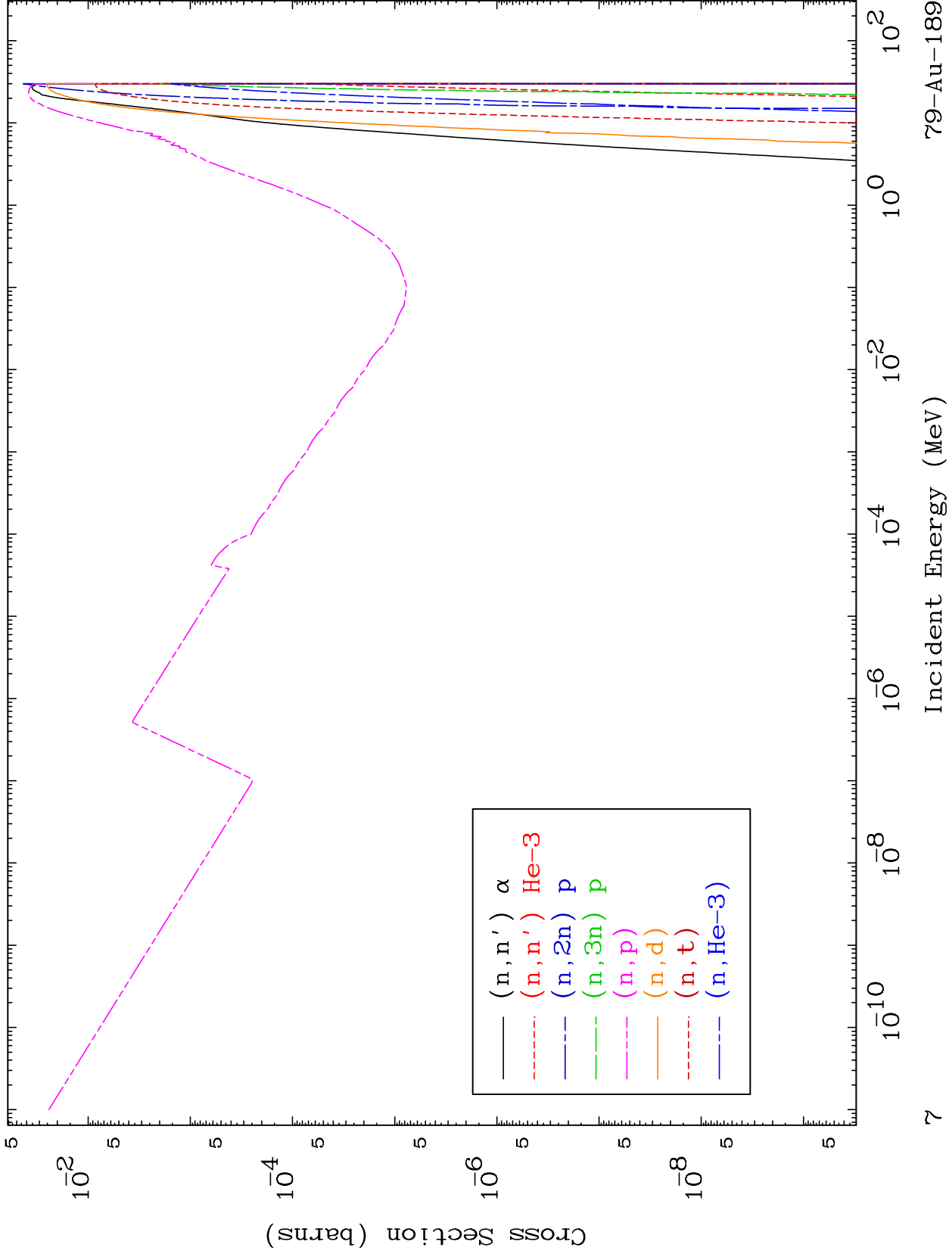
79-Au-189



MAT 7901

Charged Particle
293 Kelvin Cross Sections

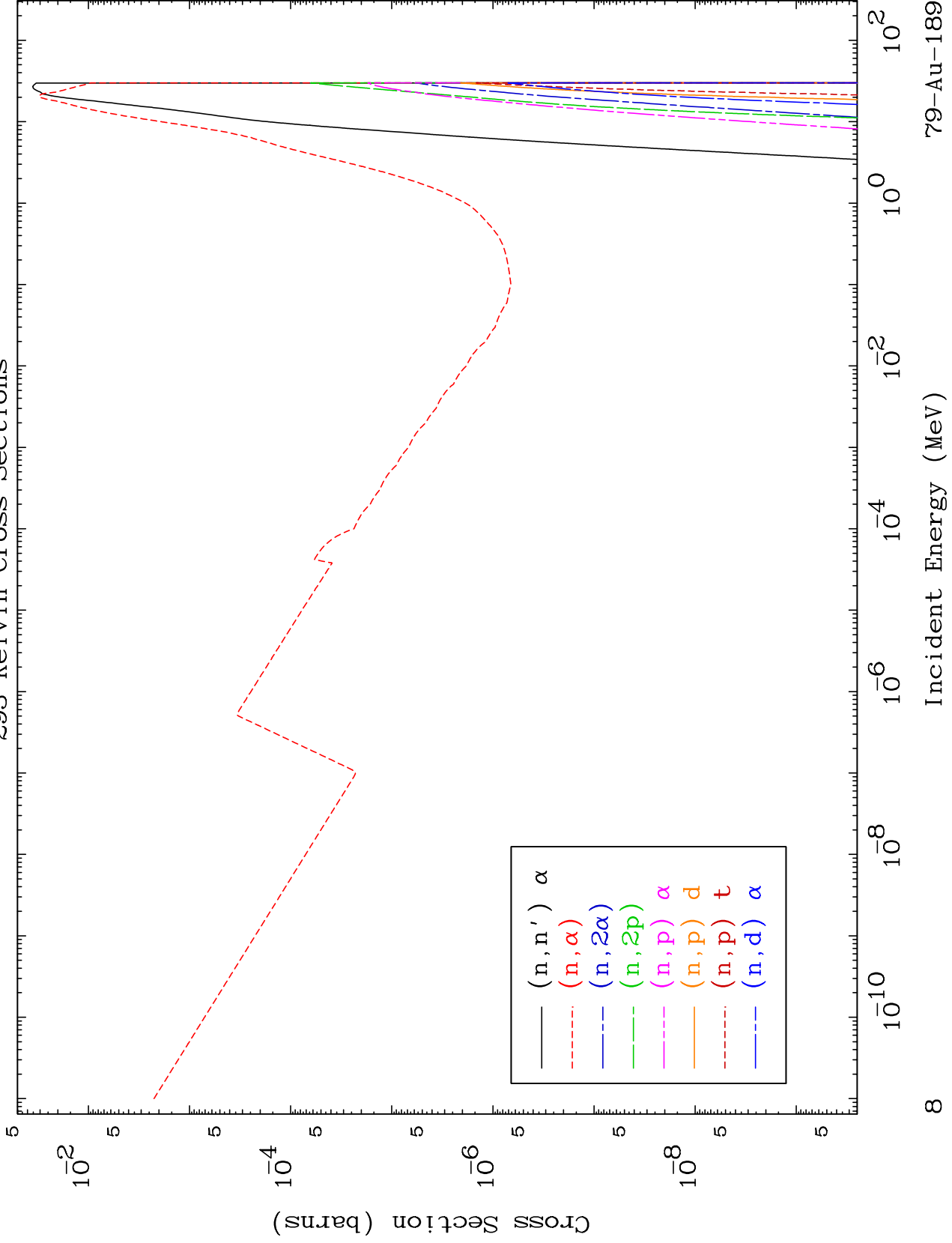
79-Au-189



MAT 7901

Charged Particle
293 Kelvin Cross Sections

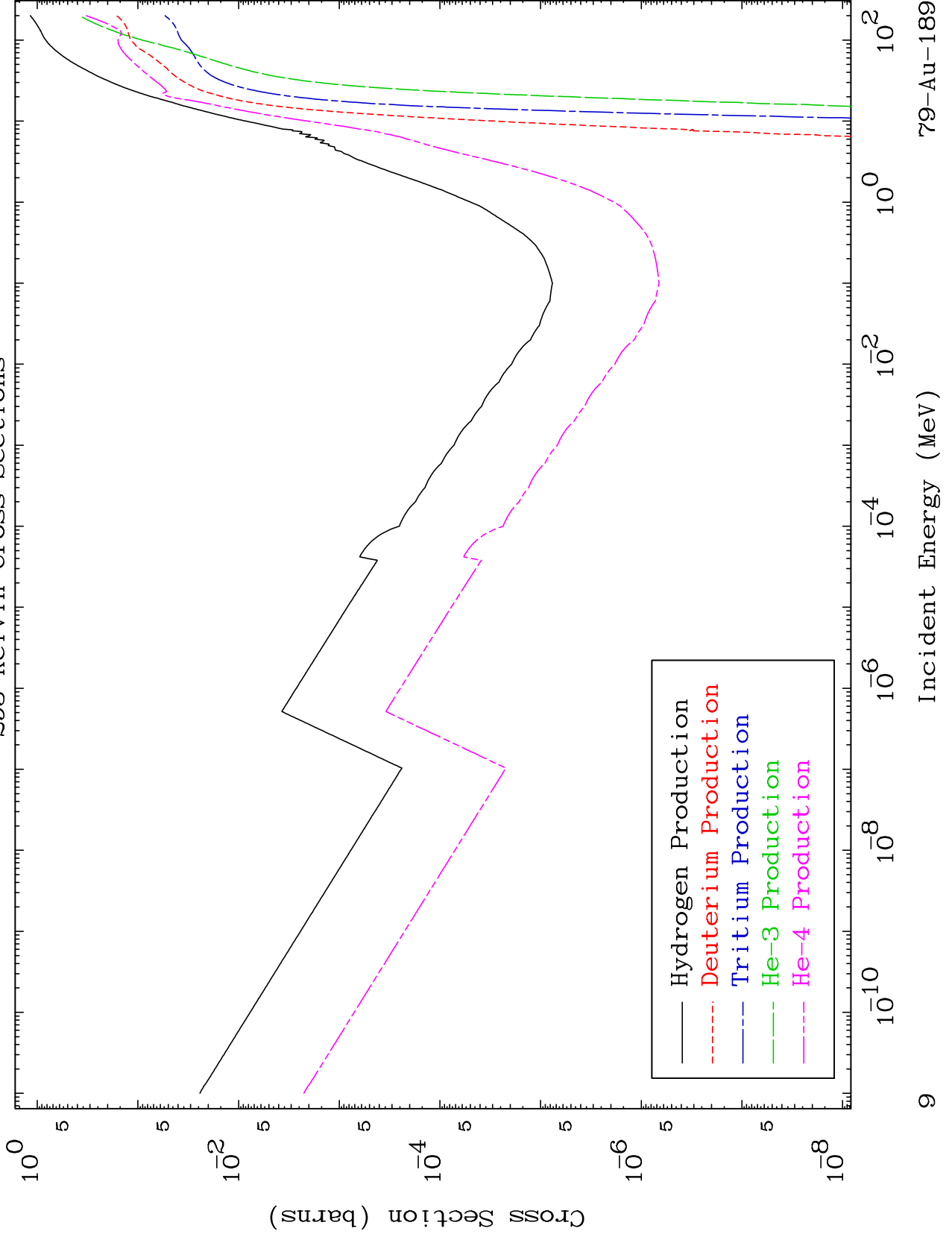
79-Au-189



MAT 7901

Particle Production
293 Kelvin Cross Sections

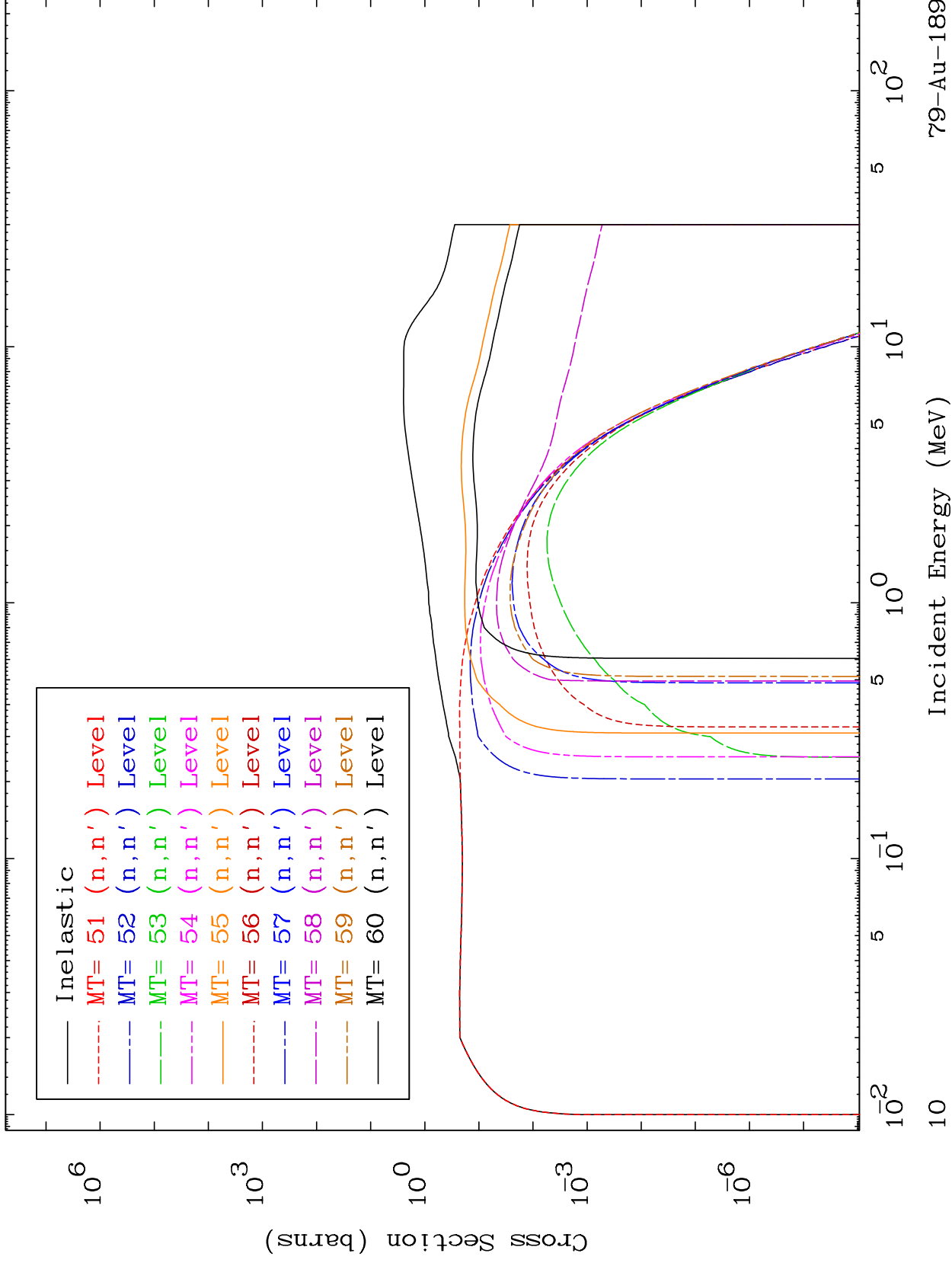
79-Au-189



MAT 7901

(n,n') Levels
293 Kelvin Cross Sections

79-Au-189

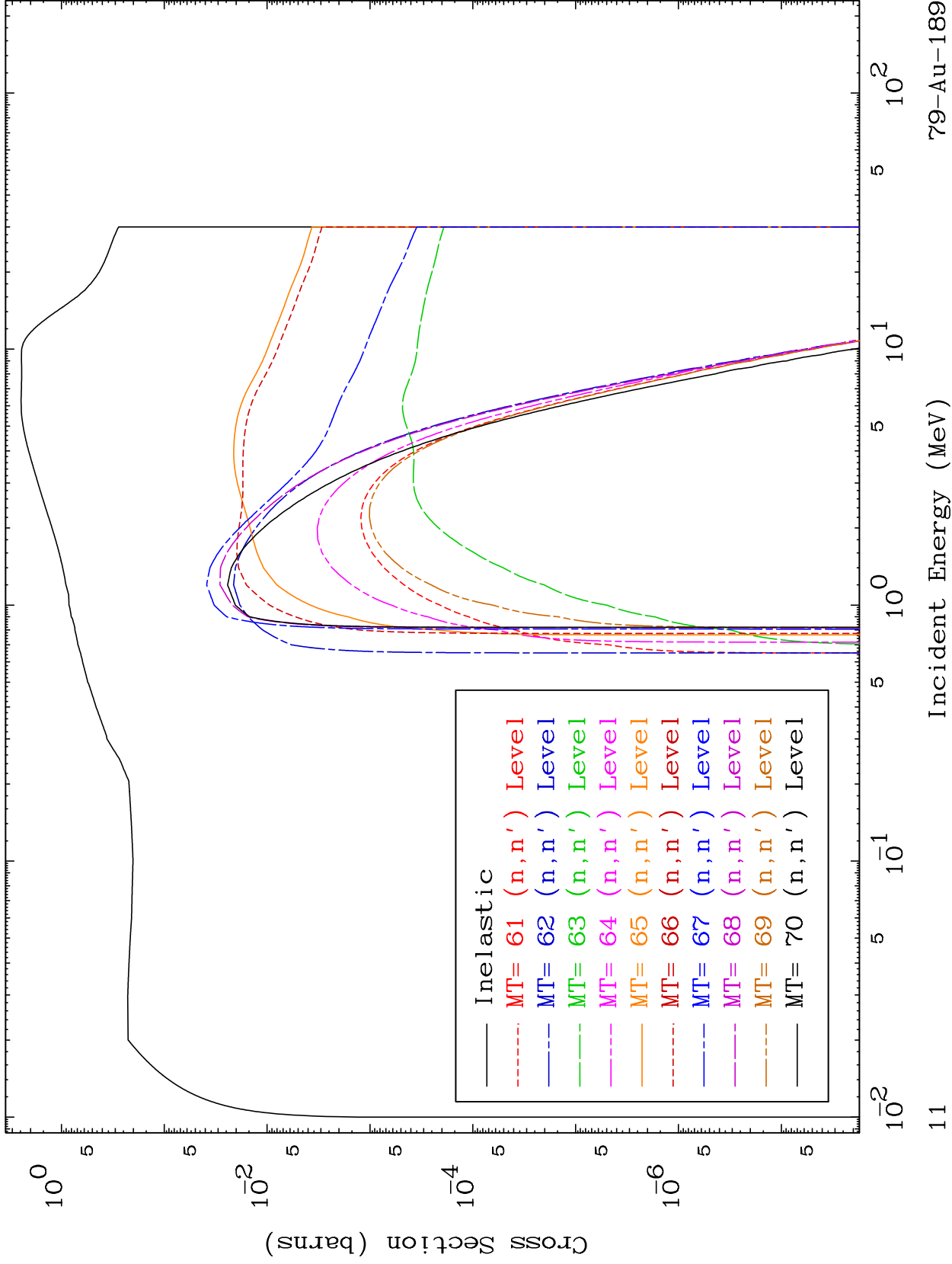


79-Au-189

MAT 7901

(n,n') Levels
293 Kelvin Cross Sections

79-Au-189

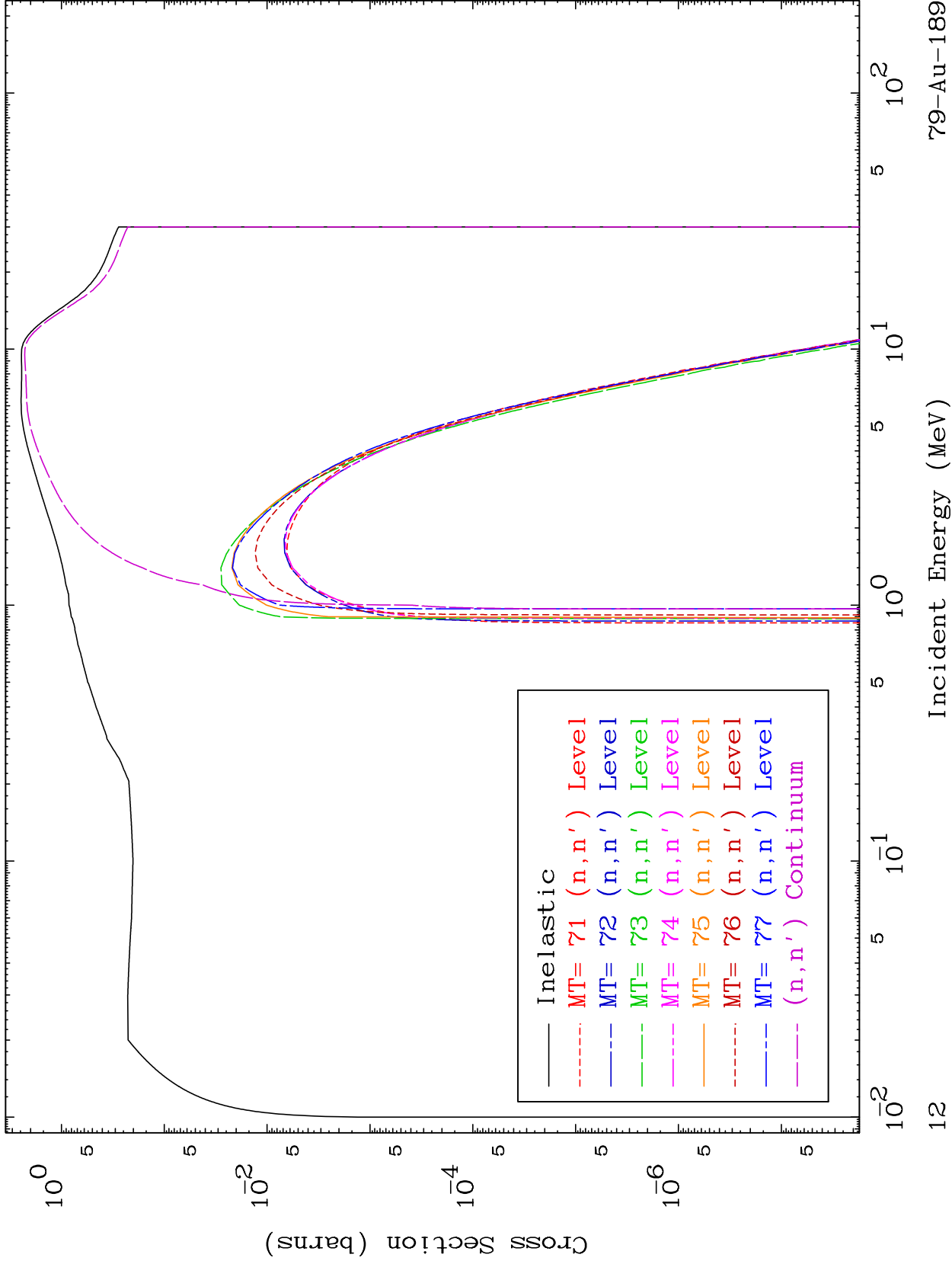


MAT 7901

(n,n') Levels

79-Au-189

293 Kelvin Cross Sections

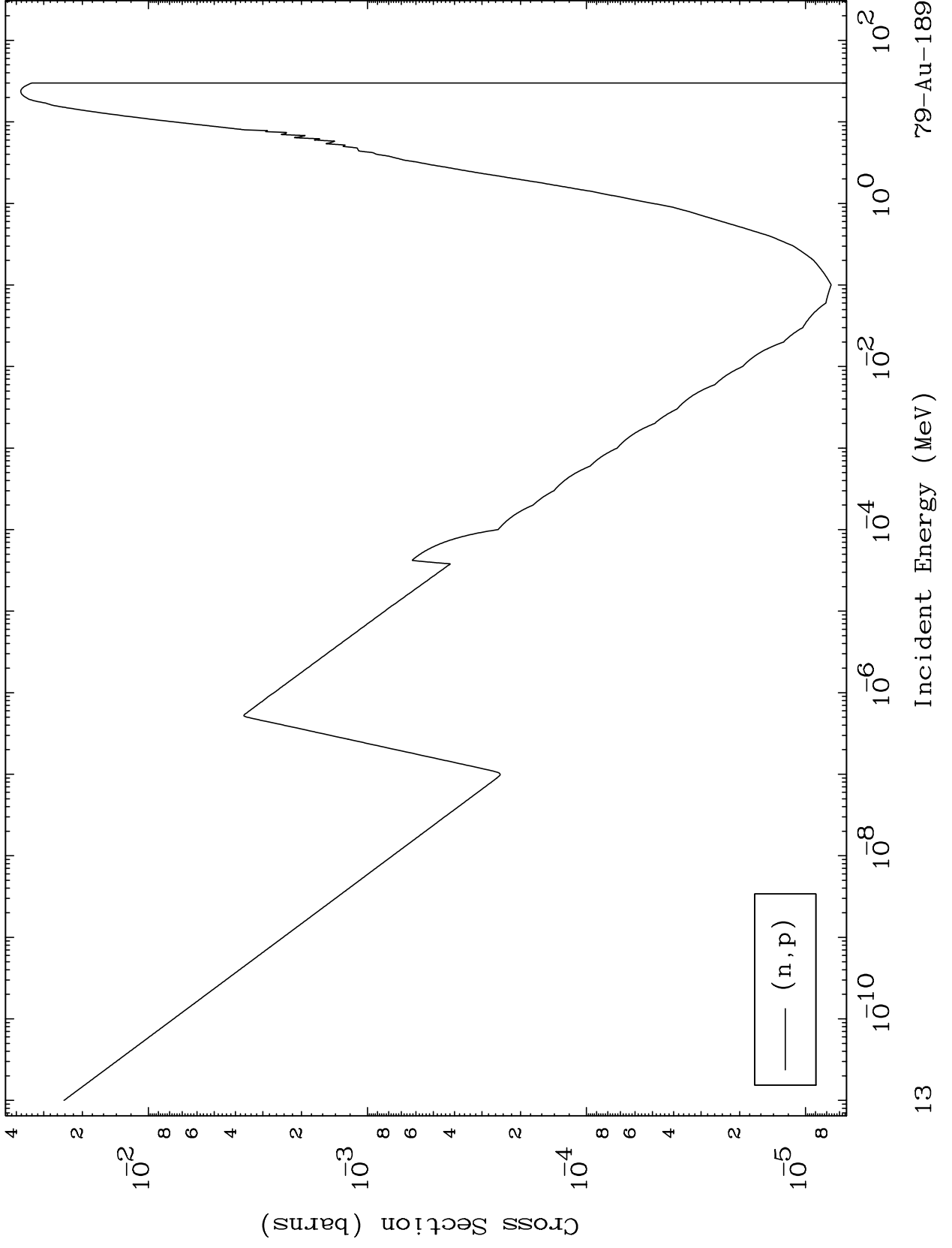


12

MAT 7901

(n,p) Levels
293 Kelvin Cross Sections

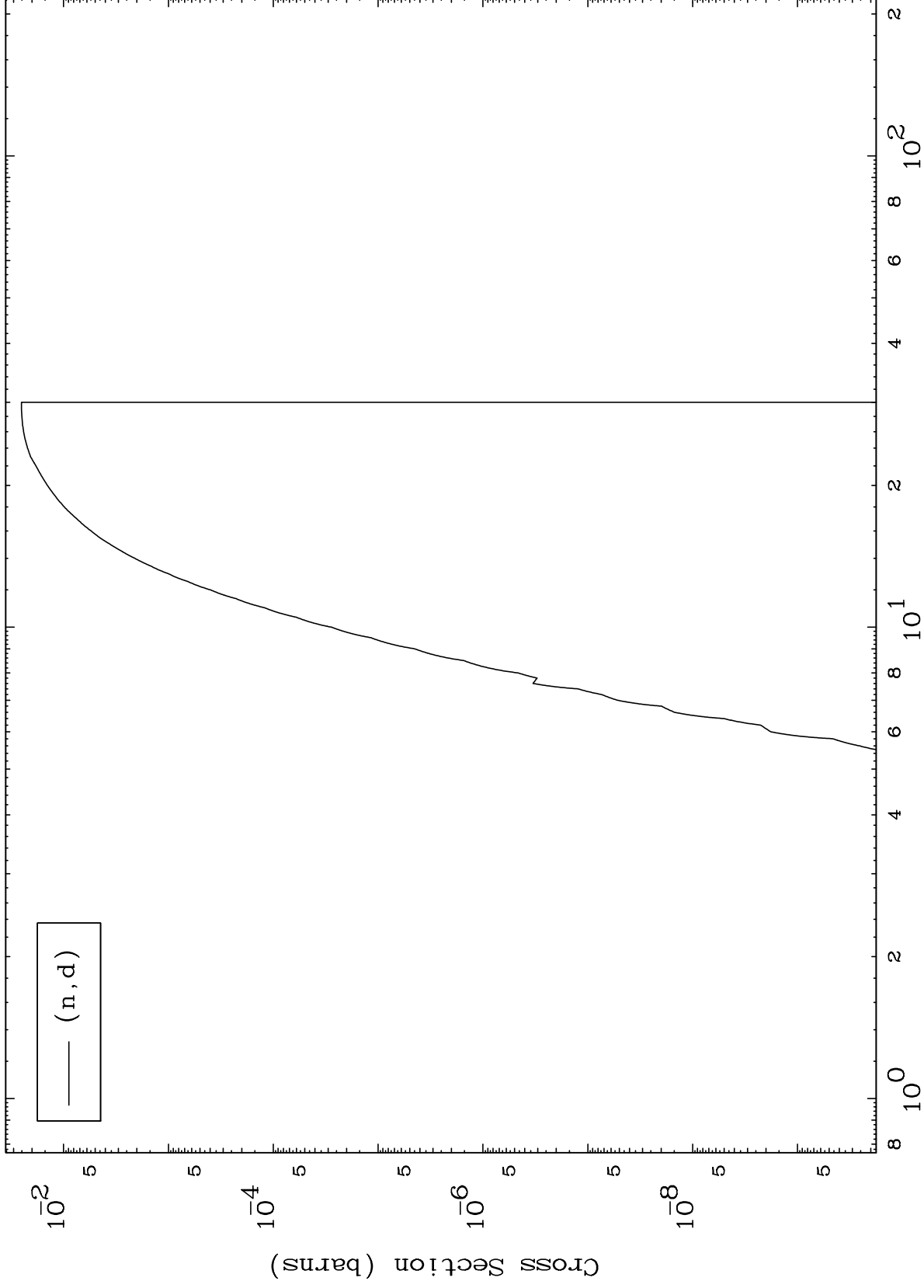
79-Au-189



MAT 7901

(n,d) Levels
293 Kelvin Cross Sections

79-Au-189



14

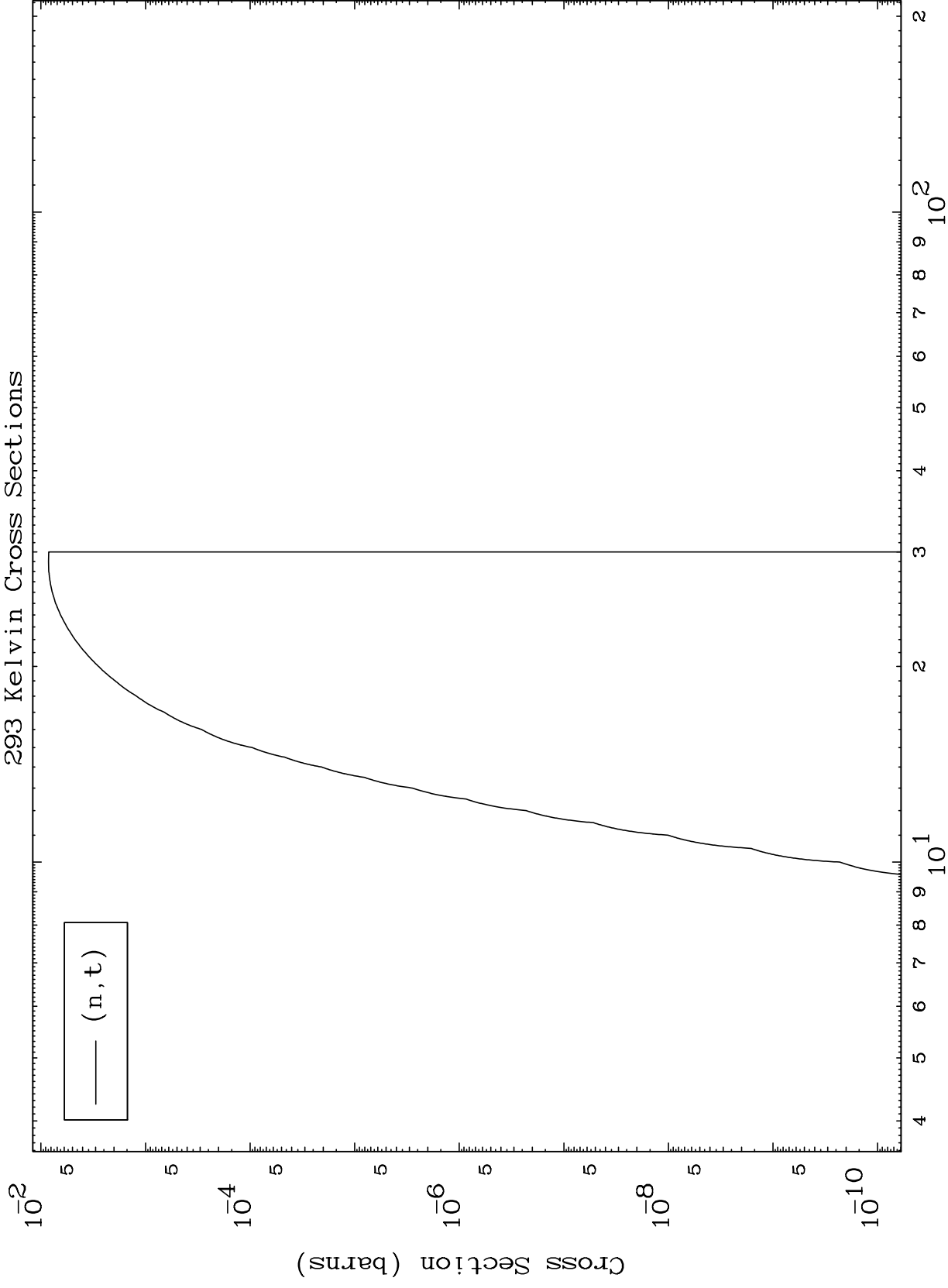
Incident Energy (MeV)

79-Au-189

MAT 7901

79-Au-189

(n,t) Levels
293 Kelvin Cross Sections



79-Au-189

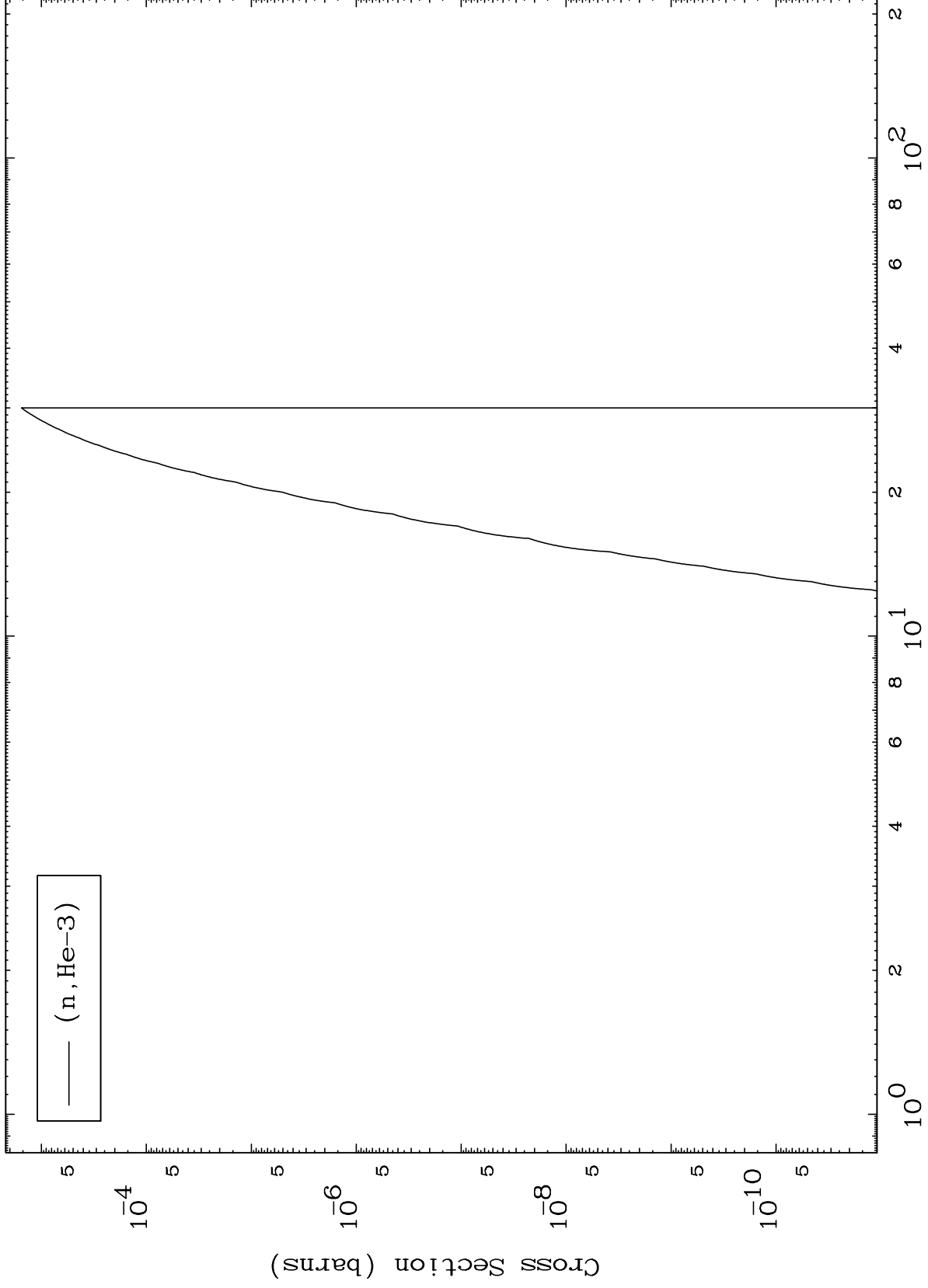
Incident Energy (MeV)

15

MAT 7901

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-189



16

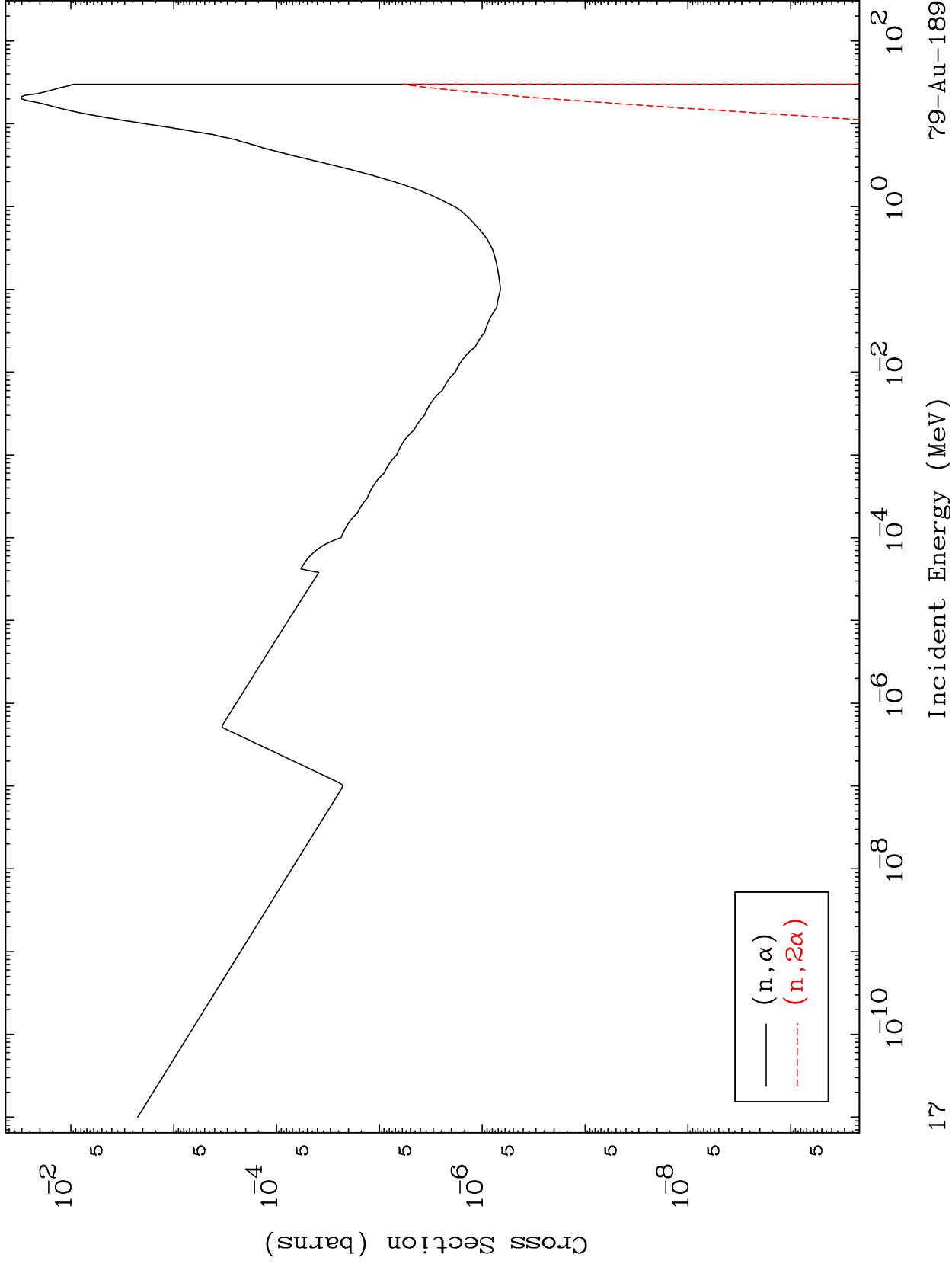
Incident Energy (MeV)

79-Au-189

MAT 7901

(n,α) Levels
293 Kelvin Cross Sections

79-Au-189

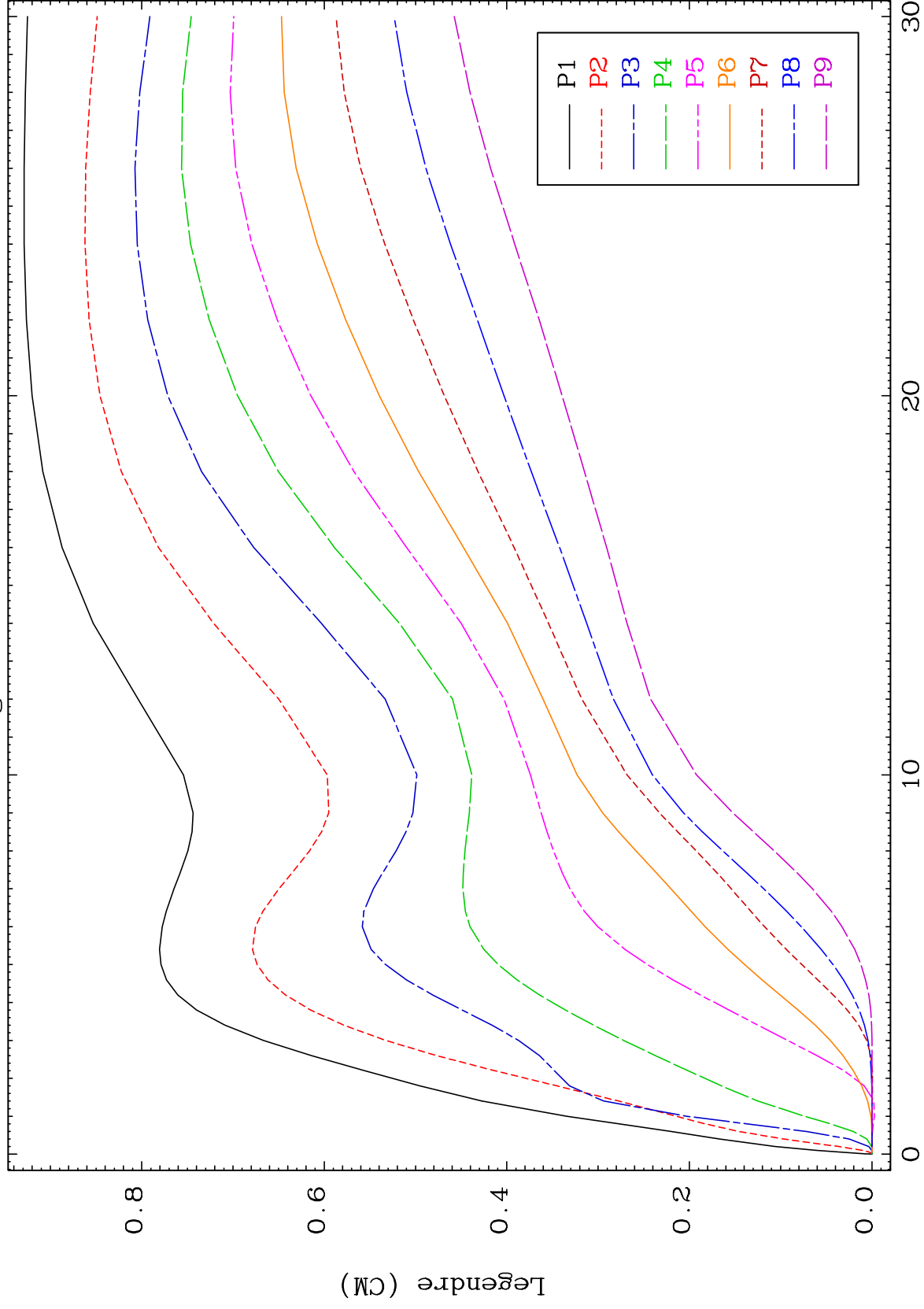


17

MAT 7901

Elastic Legendre Coefficients

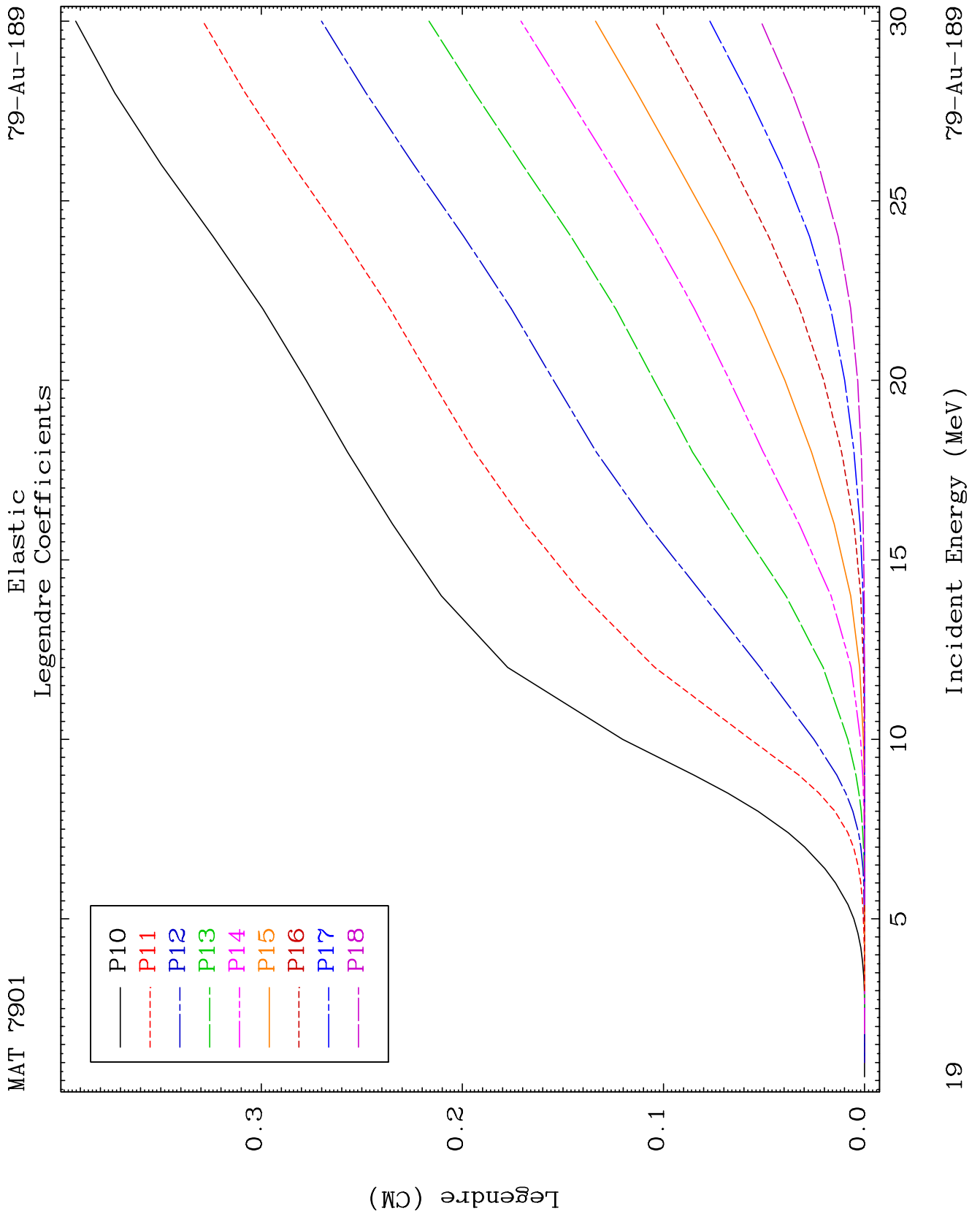
79-Au-189



18

Incident Energy (MeV)

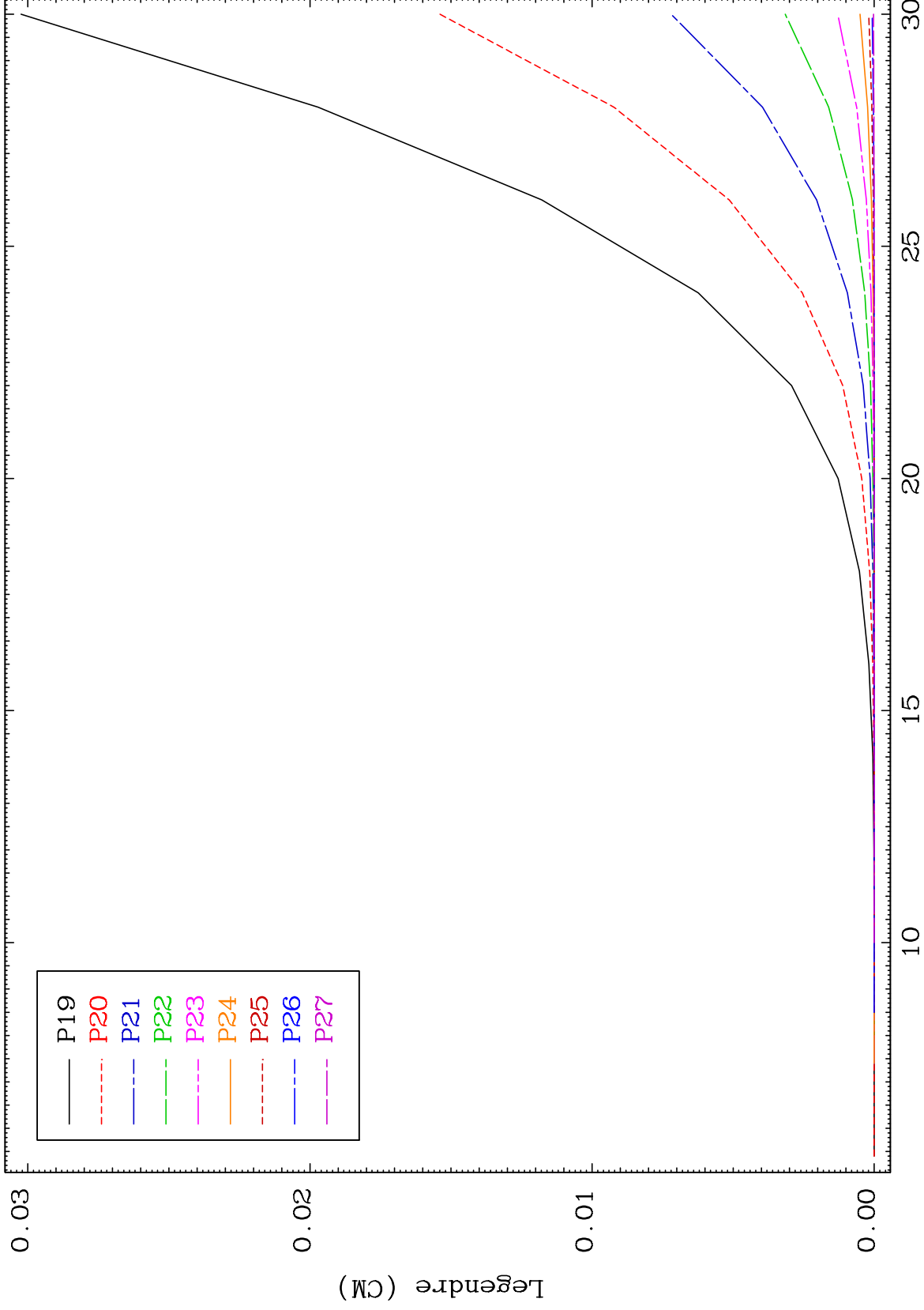
79-Au-189



MAT 7901

Elastic
Legendre Coefficients

79-Au-189



20

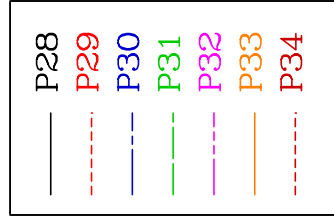
Incident Energy (MeV)

79-Au-189

MAT 7901

Elastic
Legendre Coefficients

79-Au-189



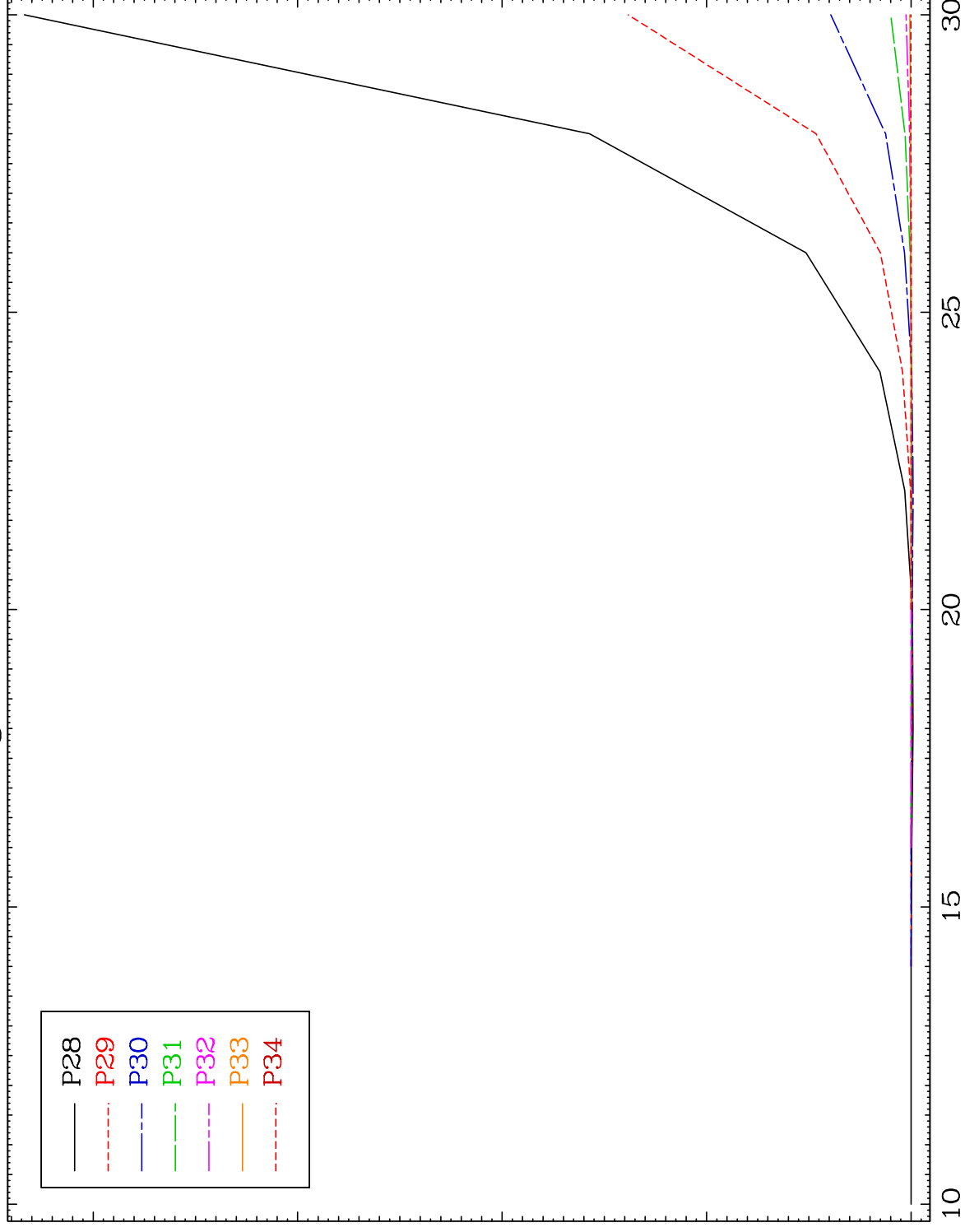
$\times 10^{-6}$

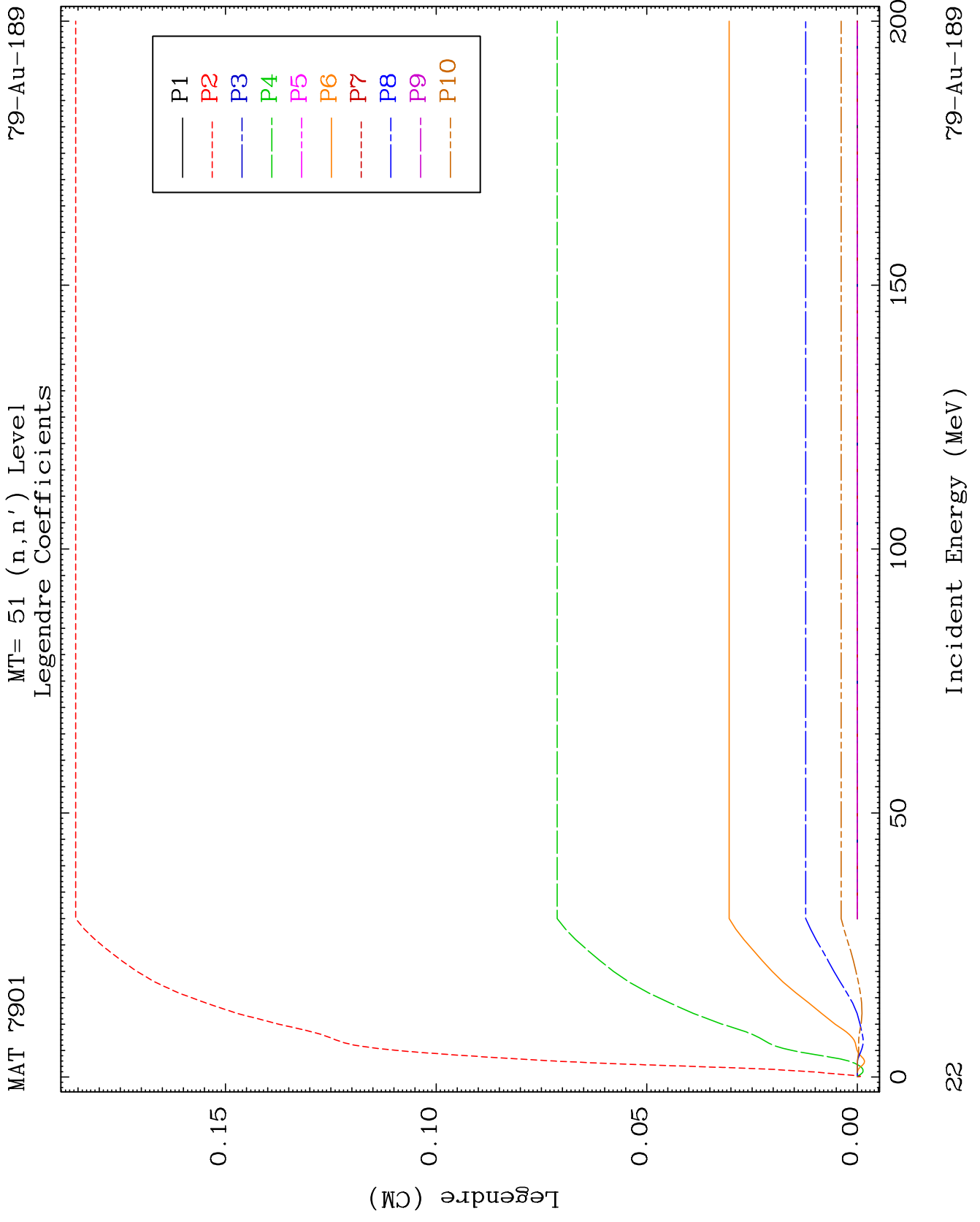
Legendre (CM)

21

Incident Energy (MeV)

79-Au-189

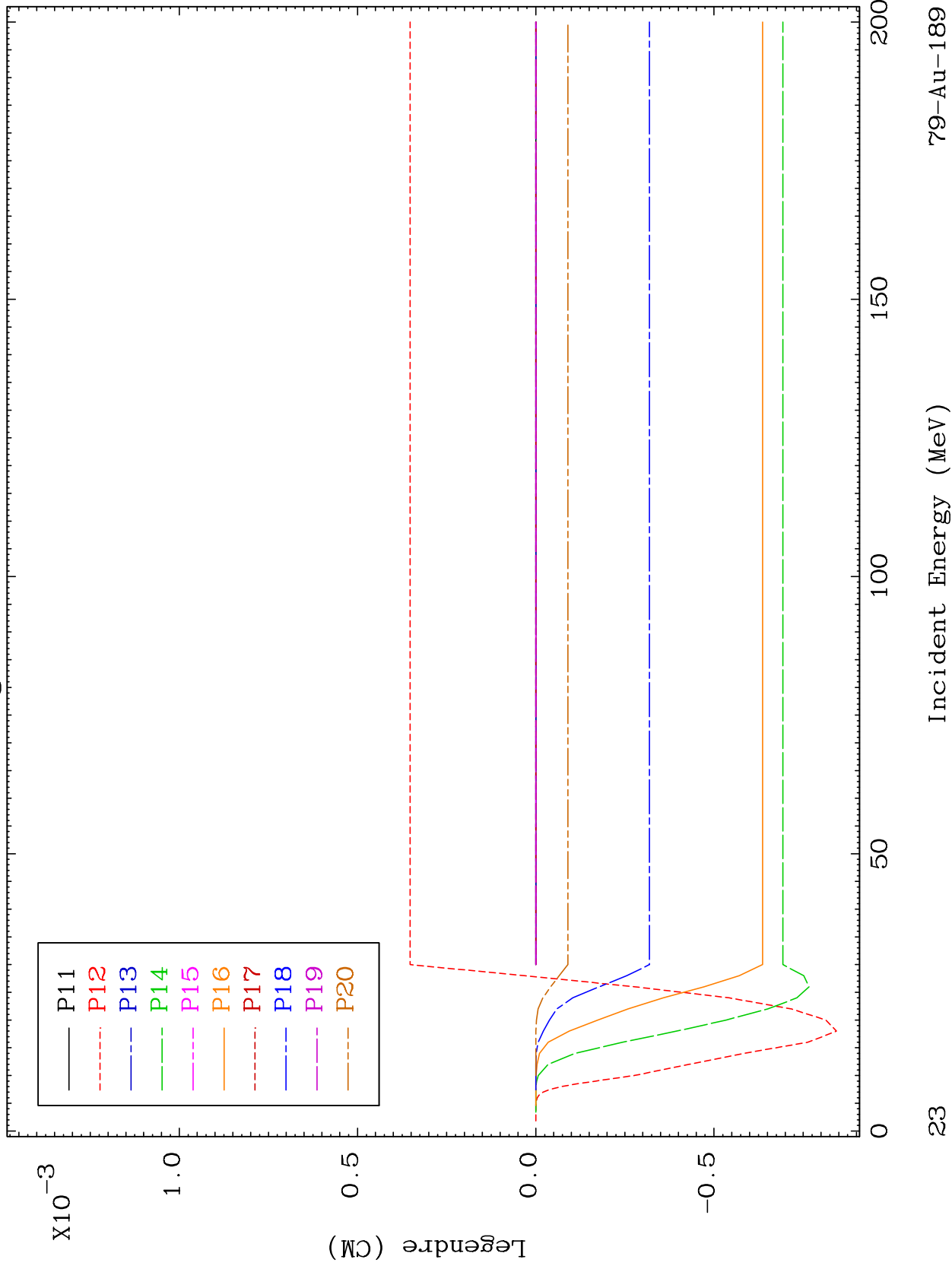




MAT 7901

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

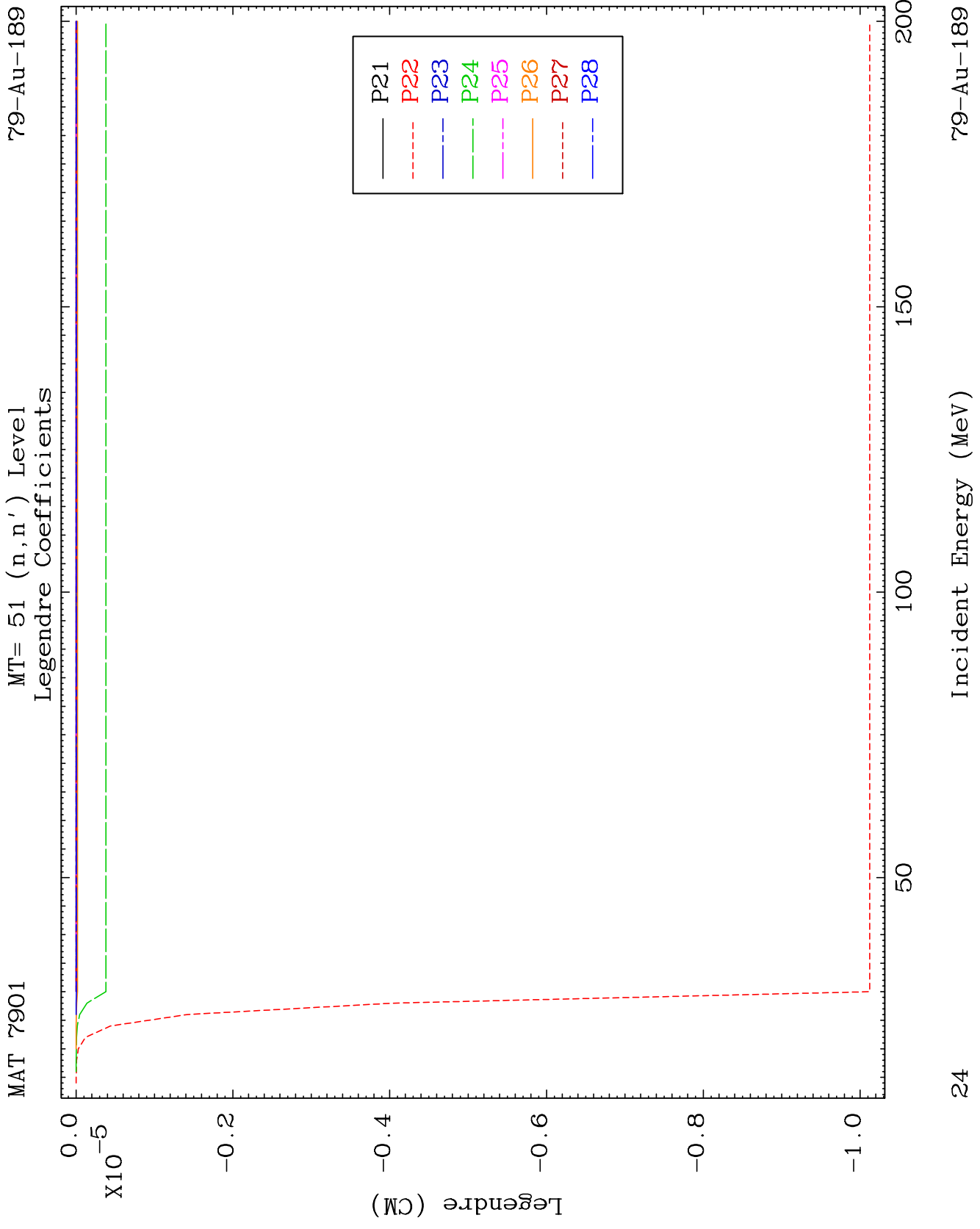
79-Au-189

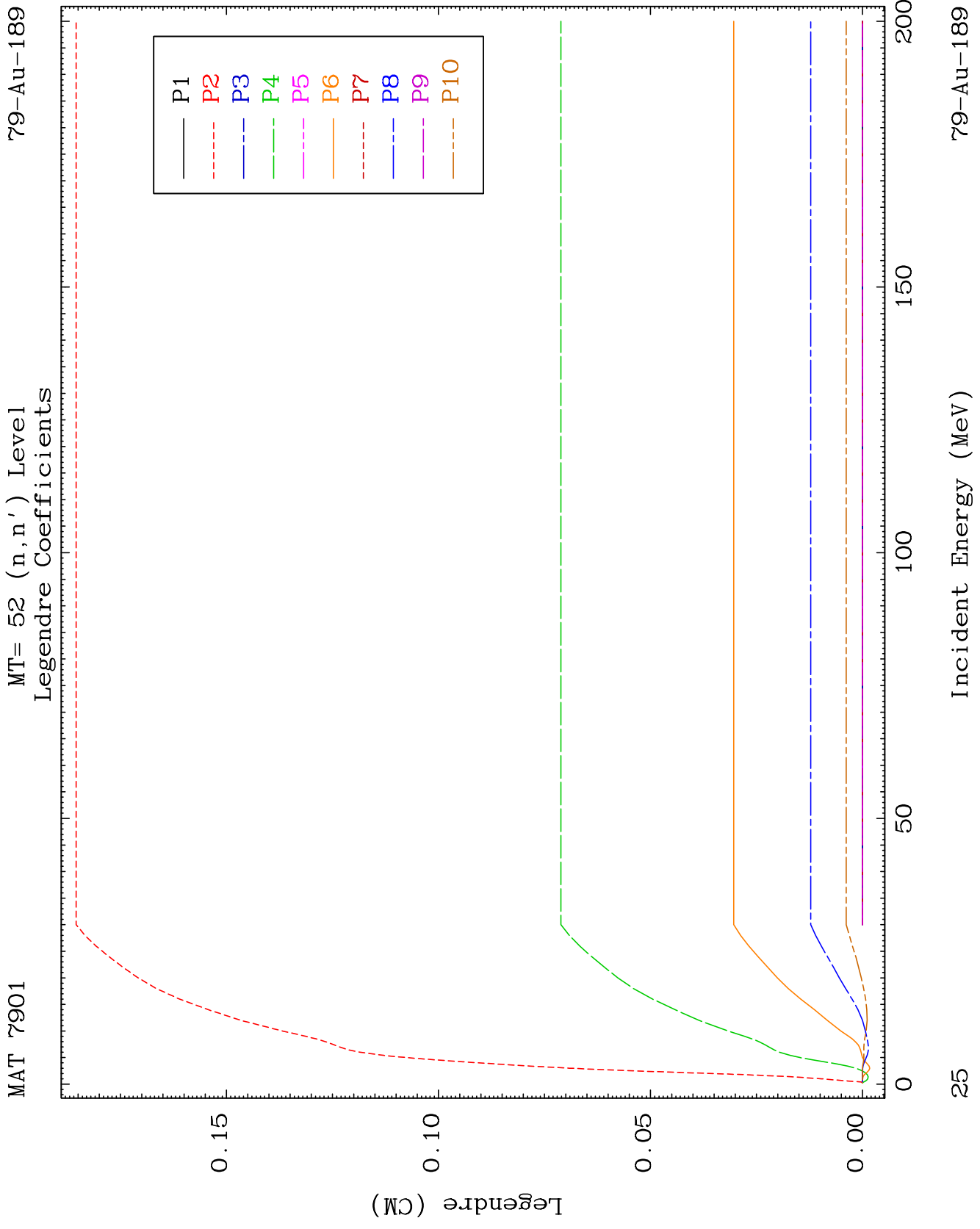


23

Incident Energy (MeV)

79-Au-189

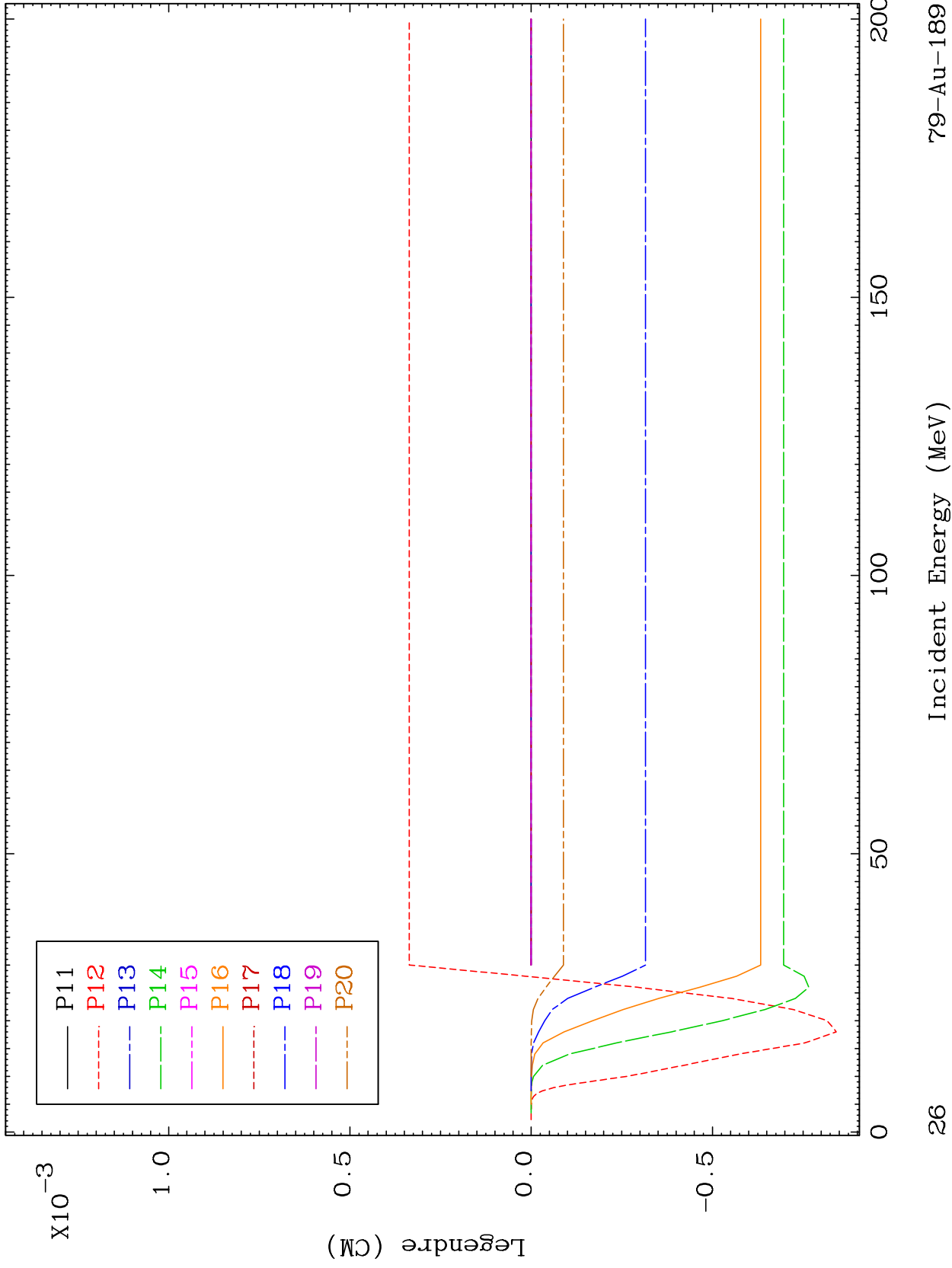


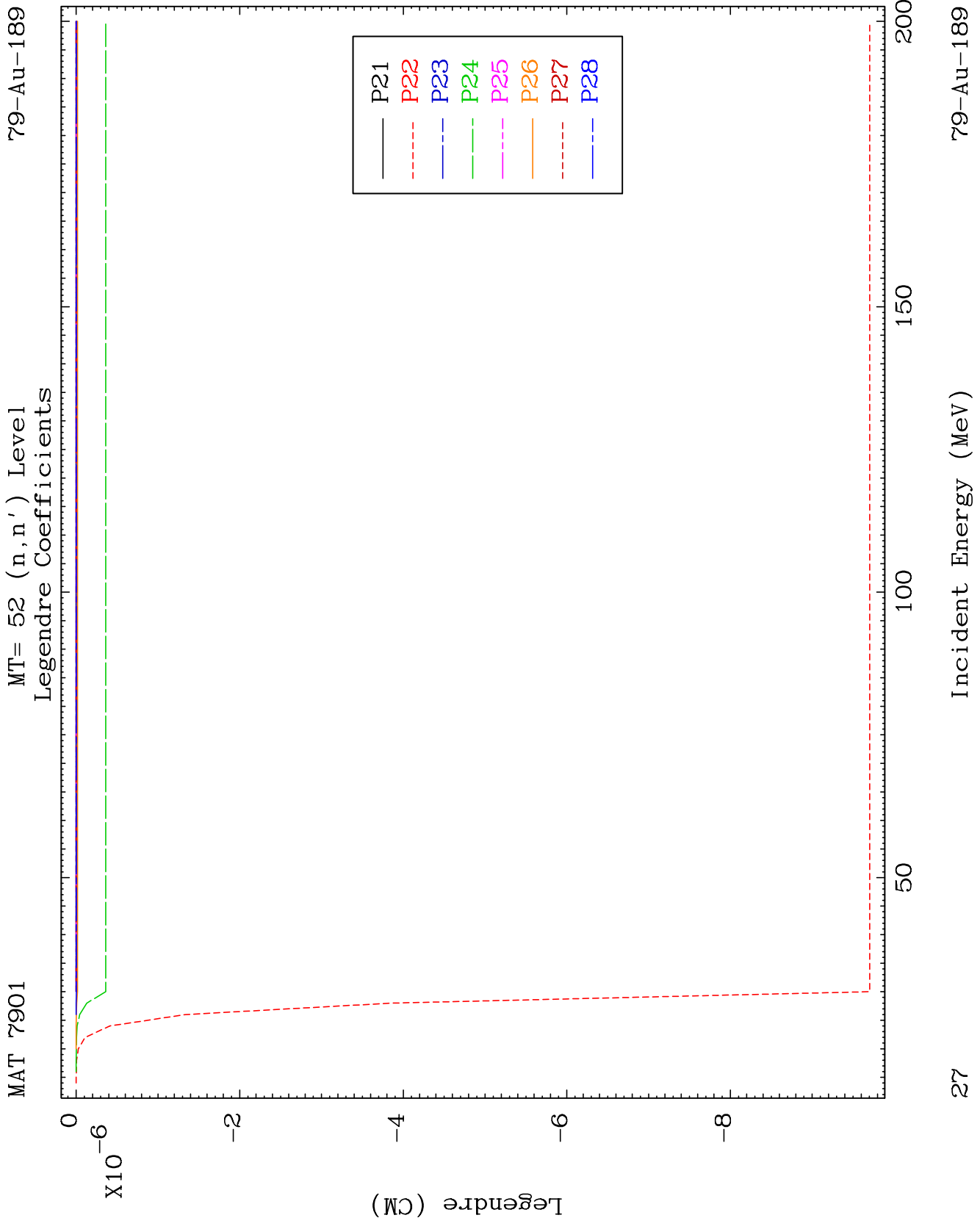


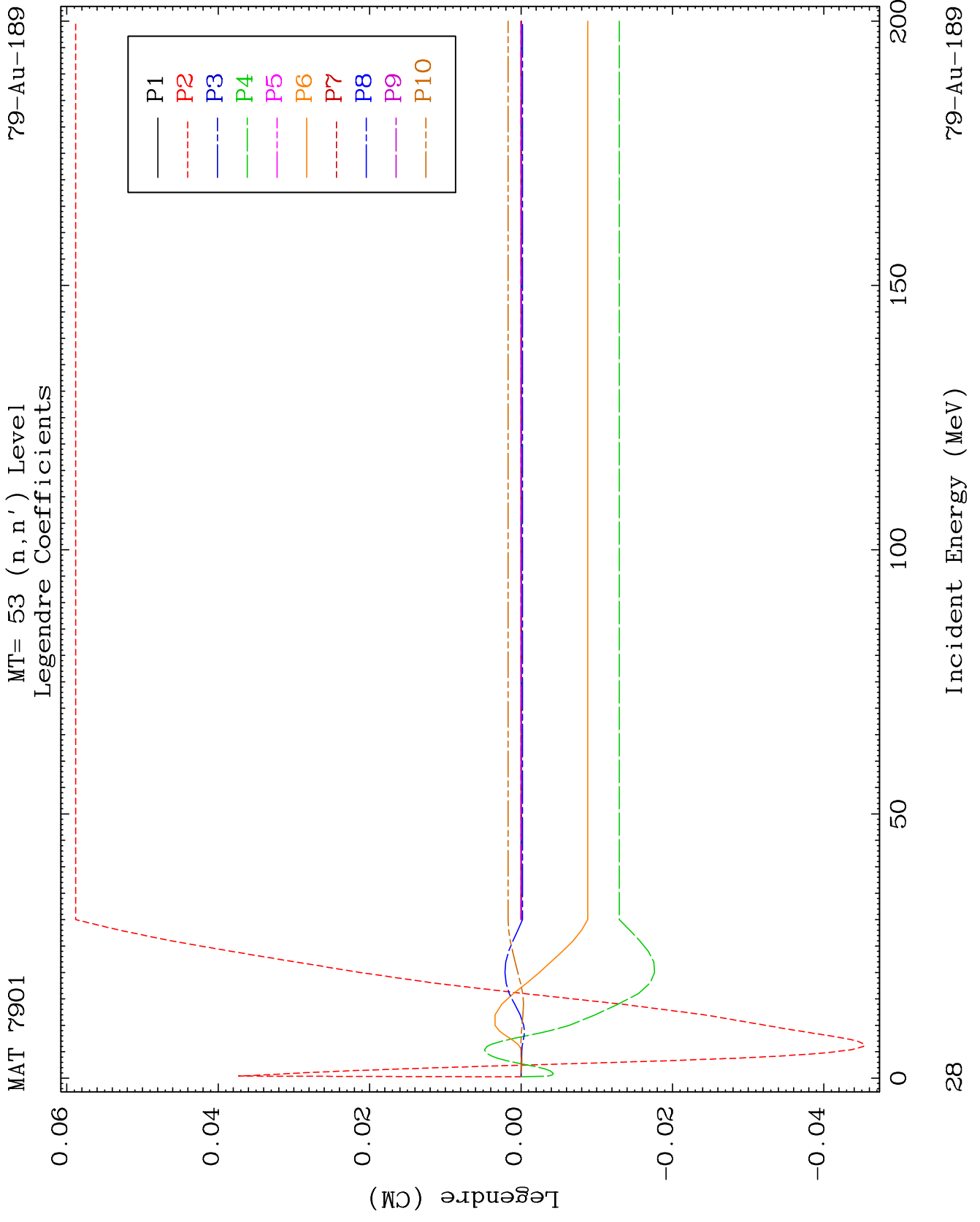
MAT 7901

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

79-Au-189



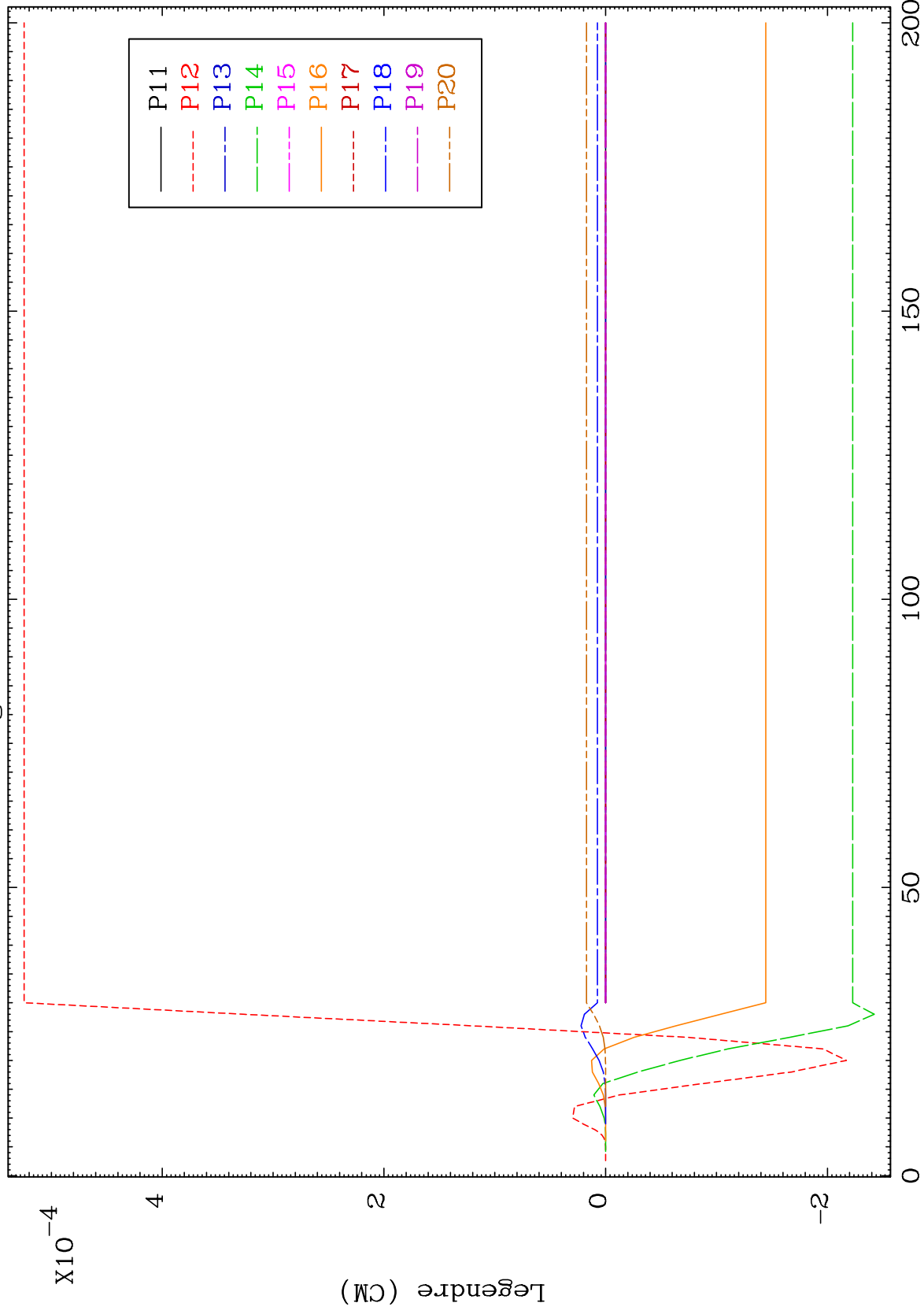




MAT 7901

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

79-Au-189



29

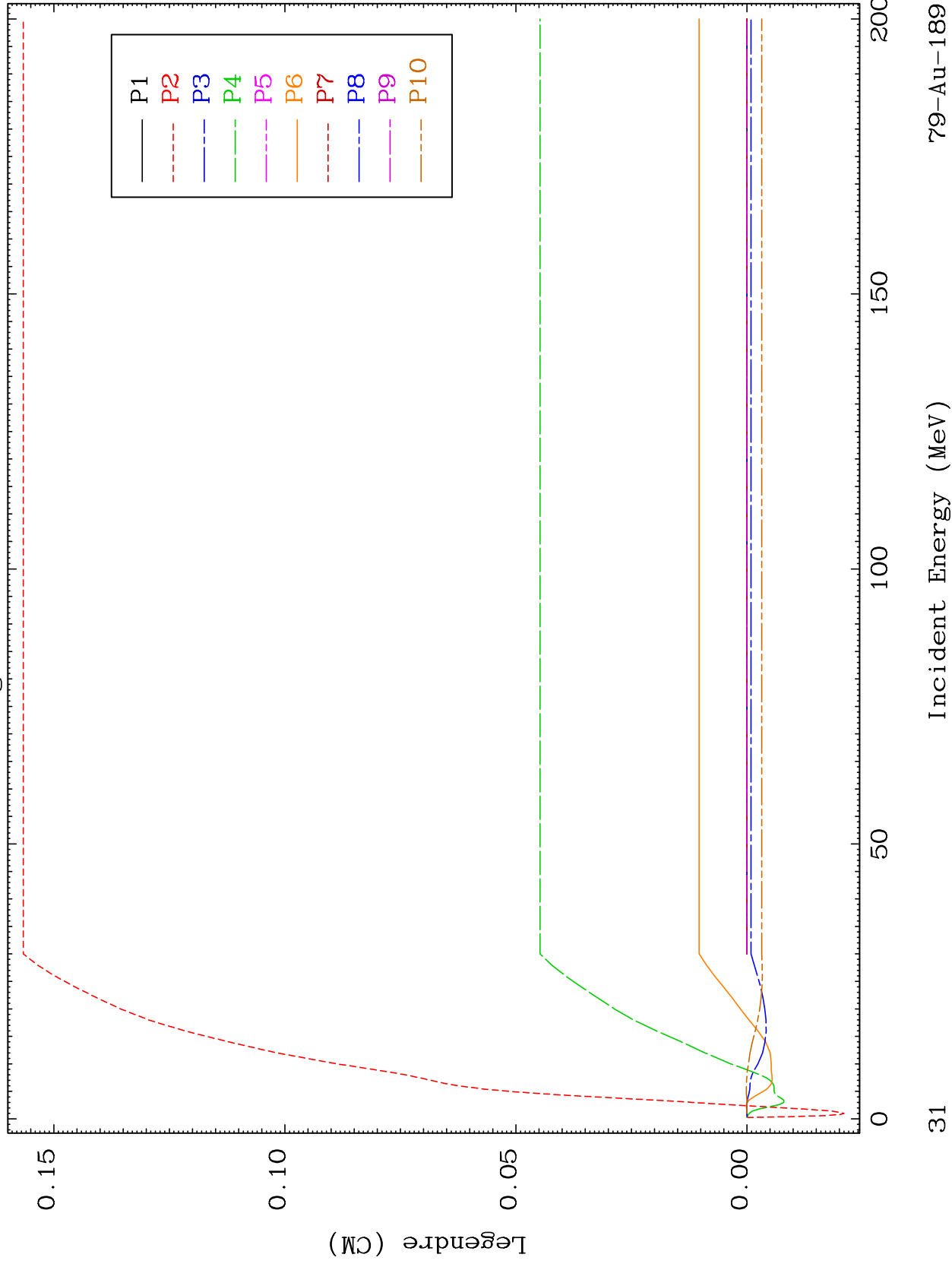
Incident Energy (MeV)

79-Au-189

MAT 7901

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

79-Au-189



31

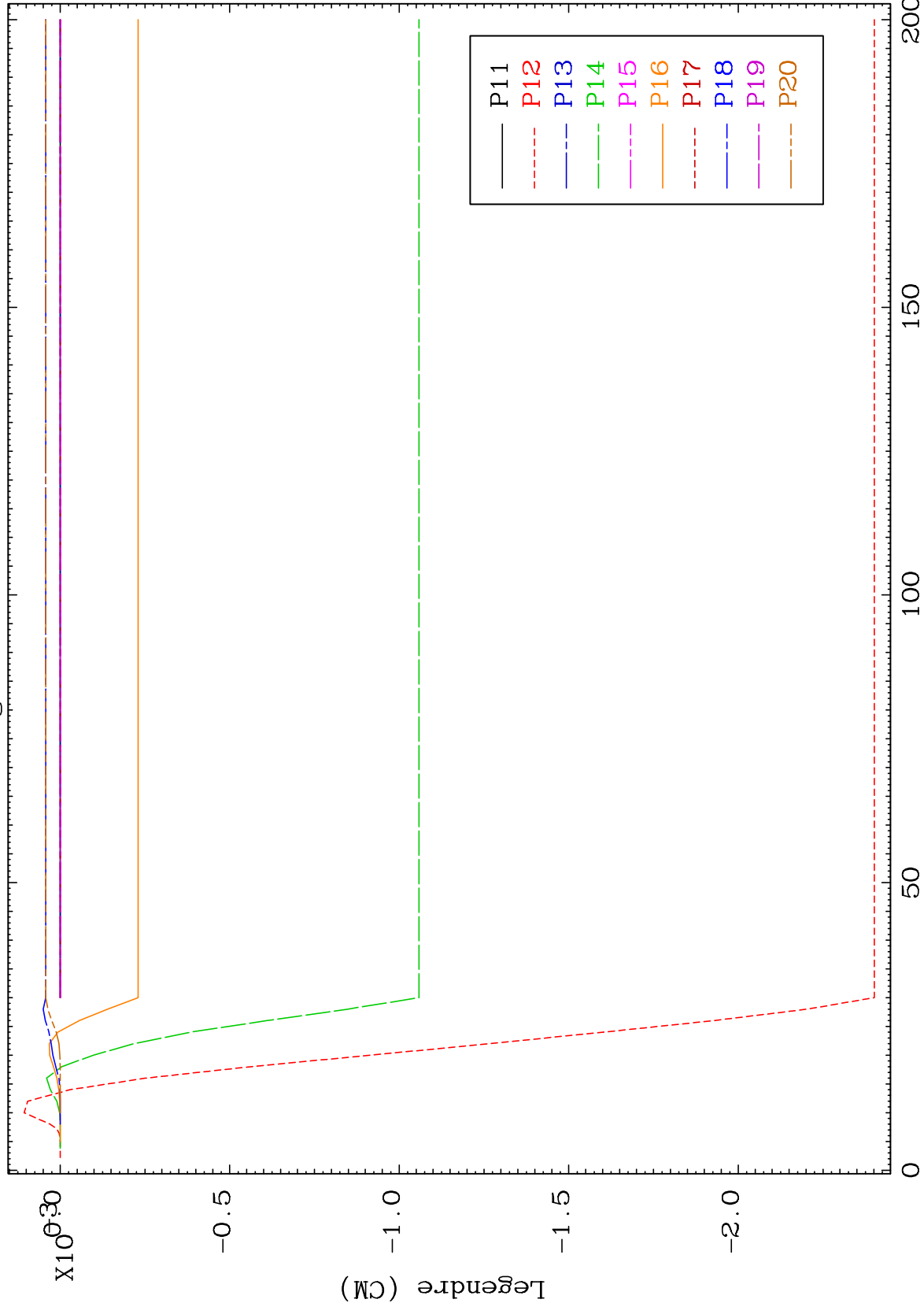
Incident Energy (MeV)

79-Au-189

MAT 7901

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

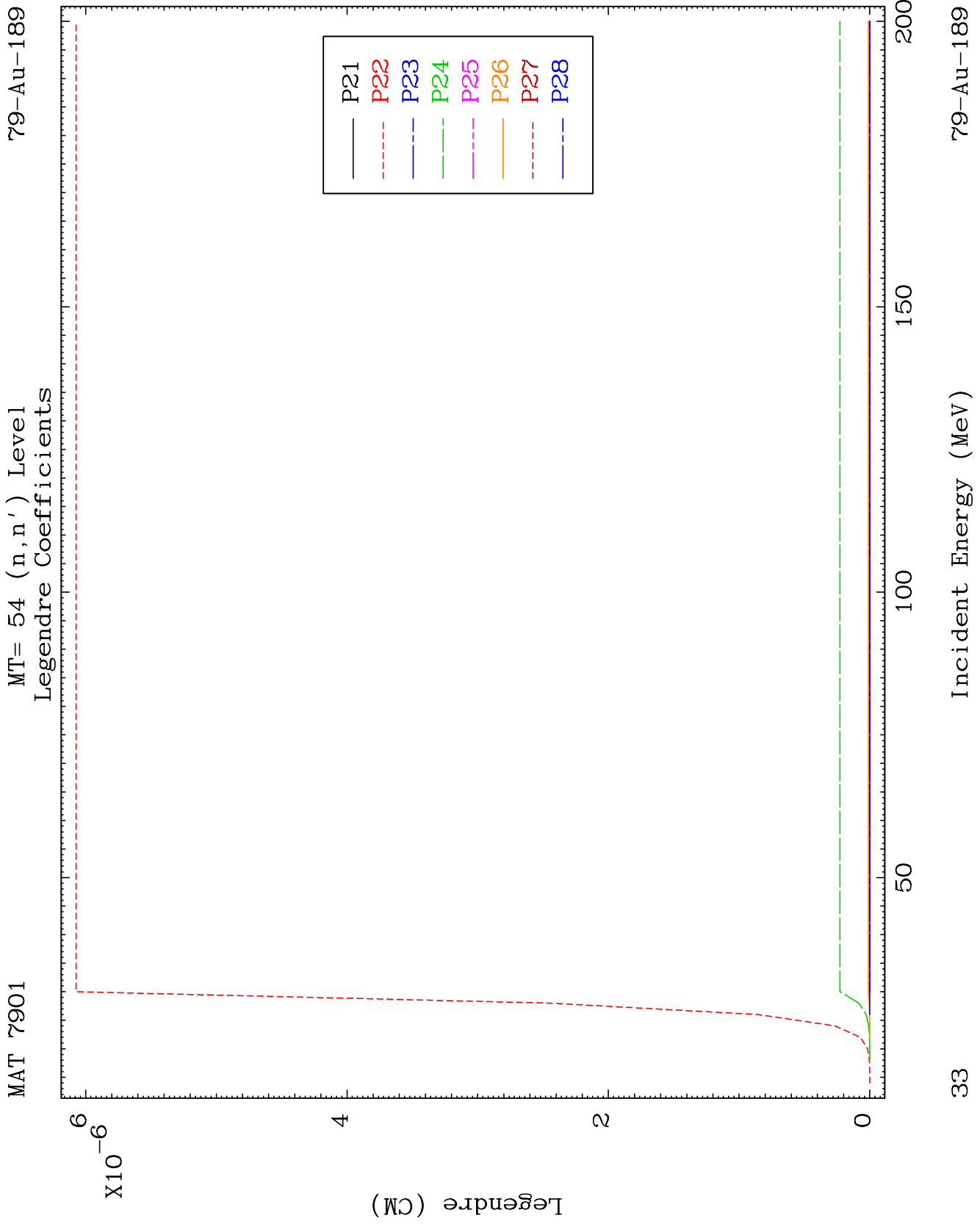
79-Au-189



32

Incident Energy (MeV)

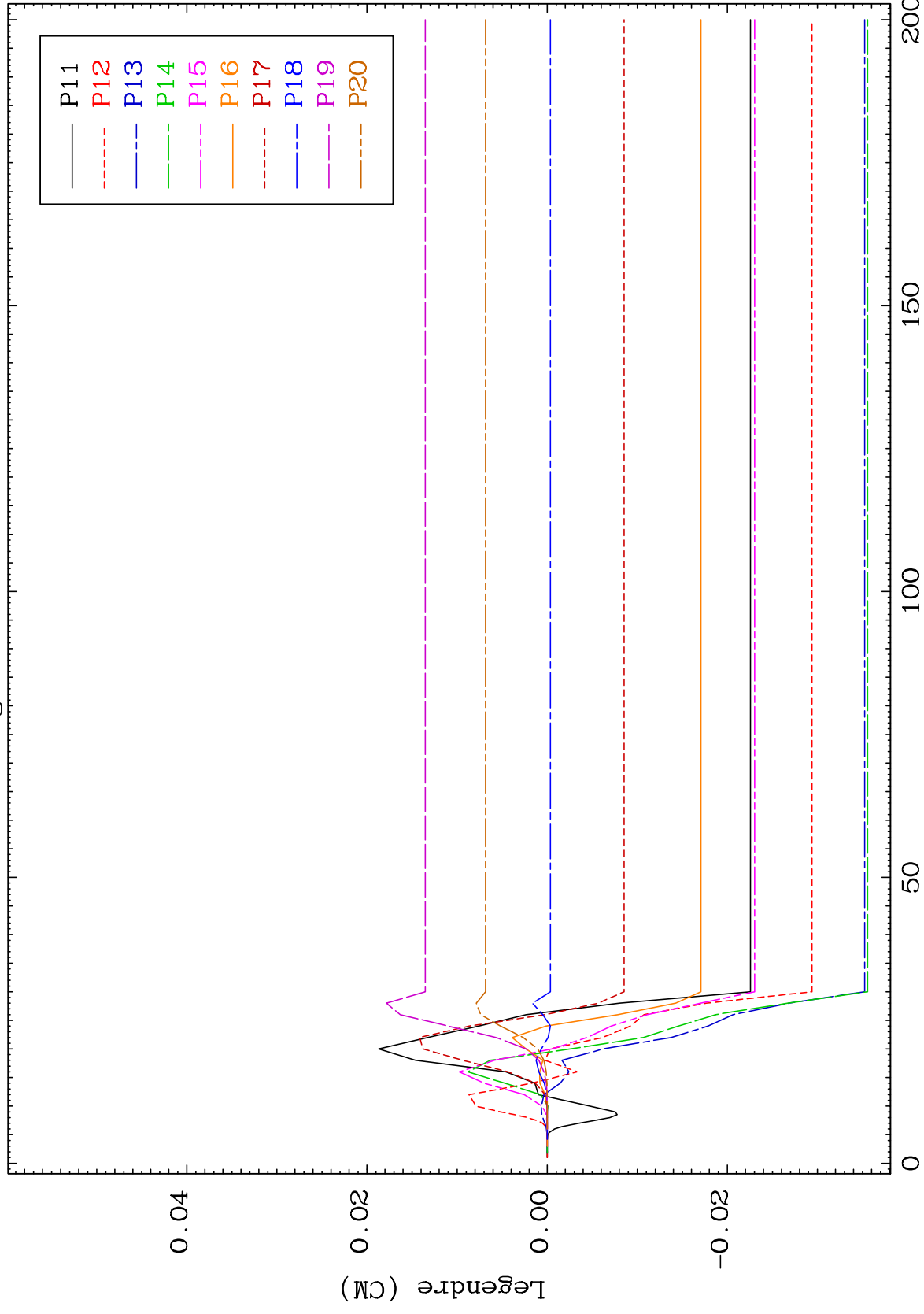
79-Au-189



MAT 7901

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

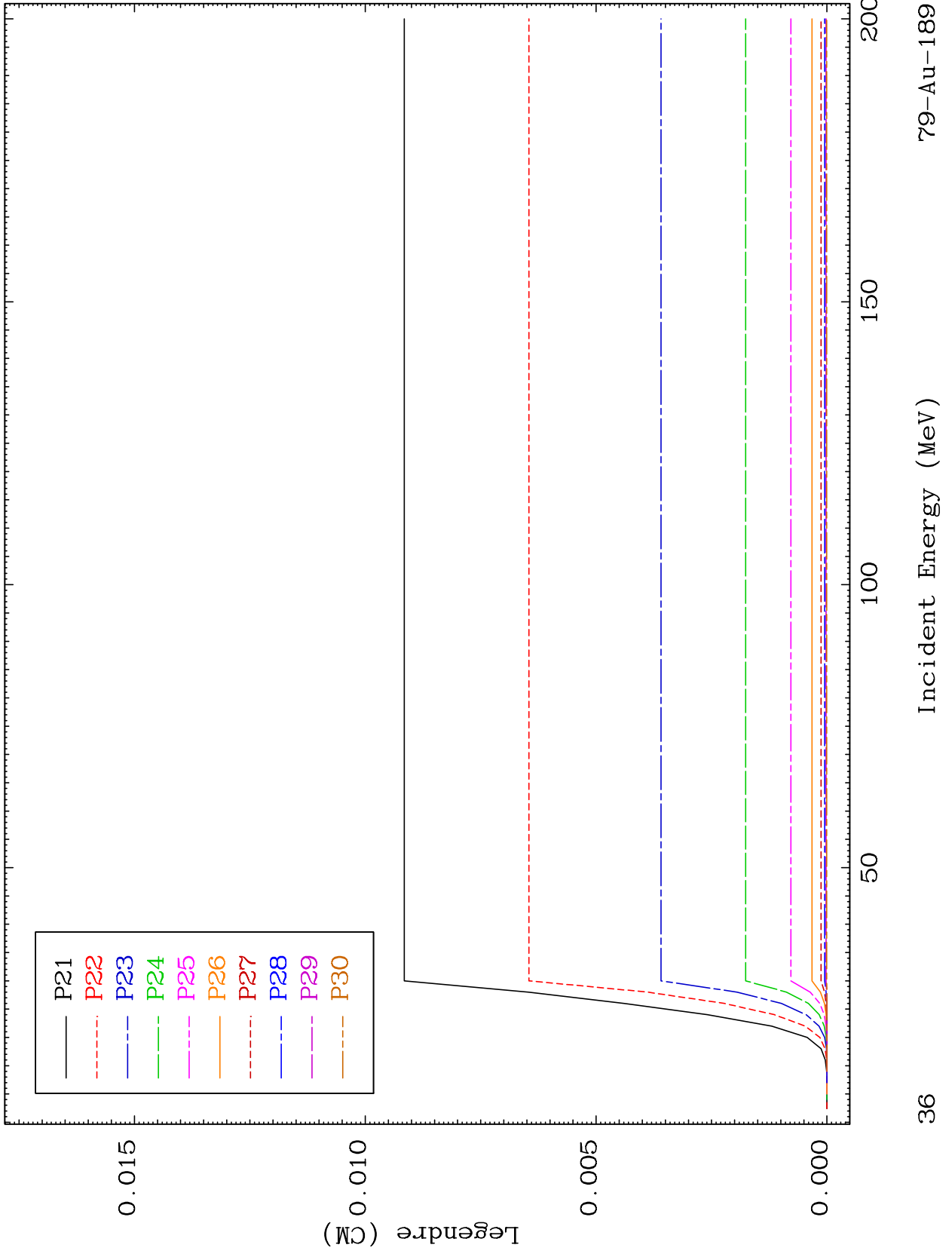
79-Au-189



35

Incident Energy (MeV)

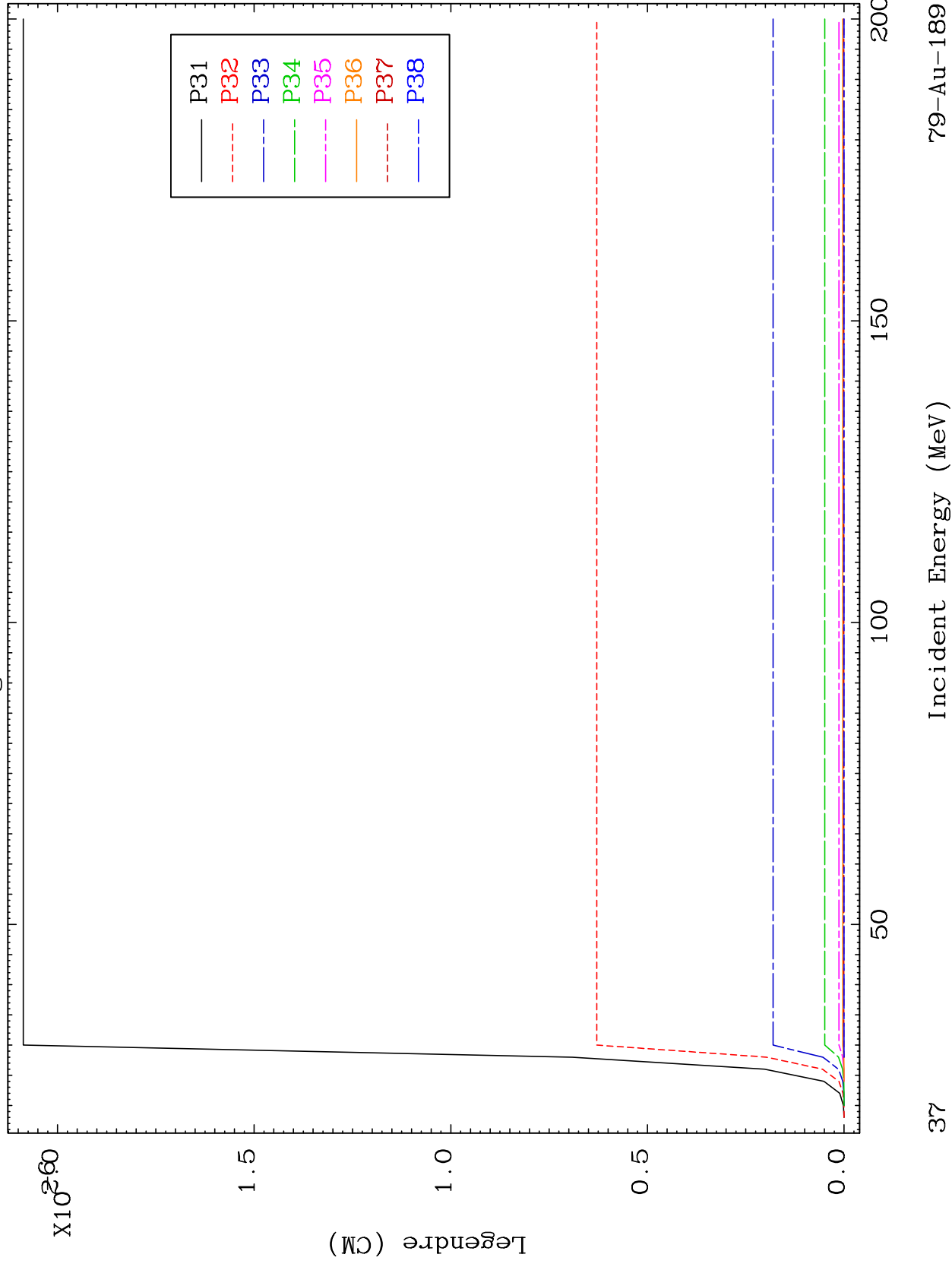
79-Au-189



MAT 7901

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

79-Au-189



37

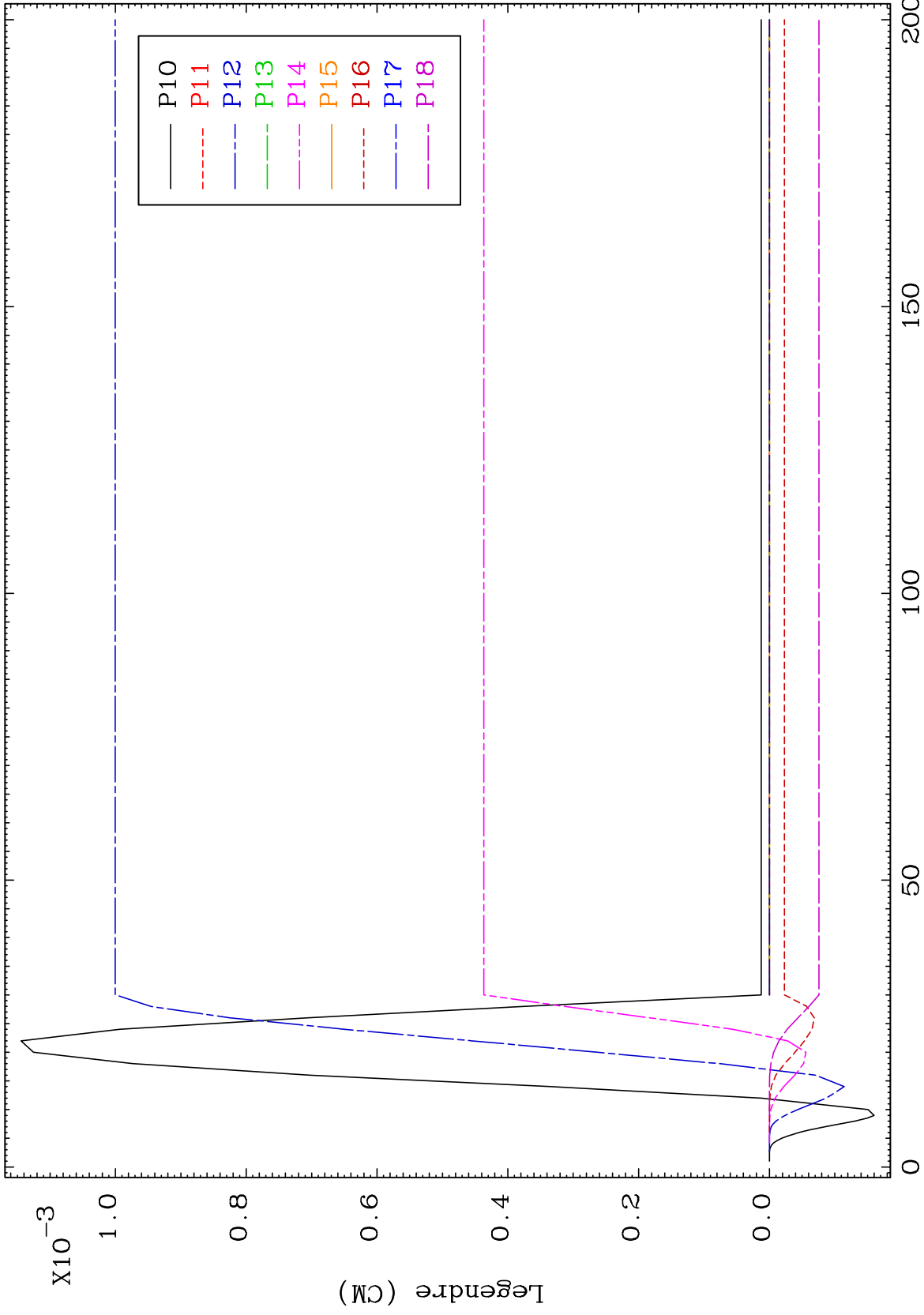
Incident Energy (MeV)

79-Au-189

MAT 7901

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

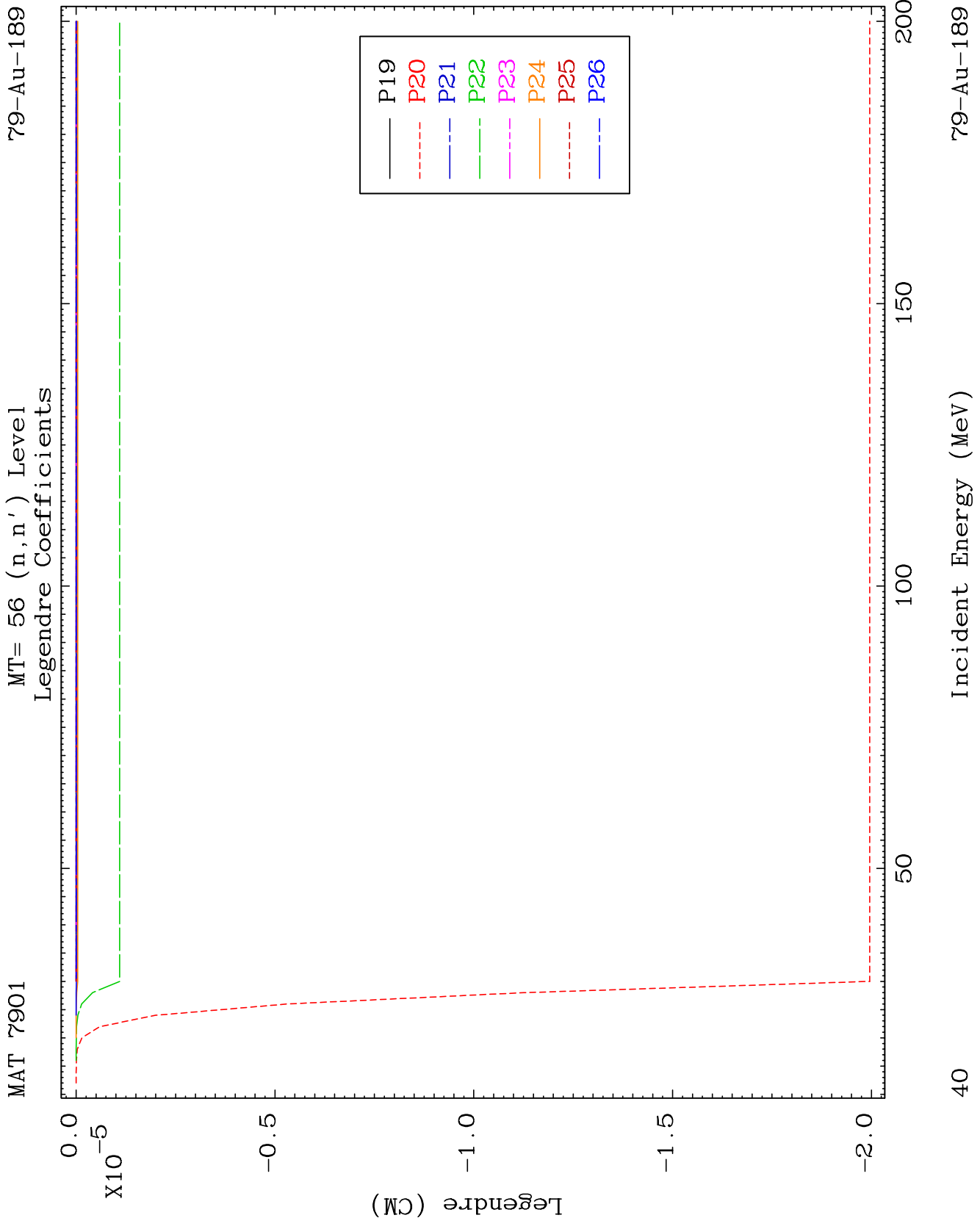
79-Au-189



39

Incident Energy (MeV)

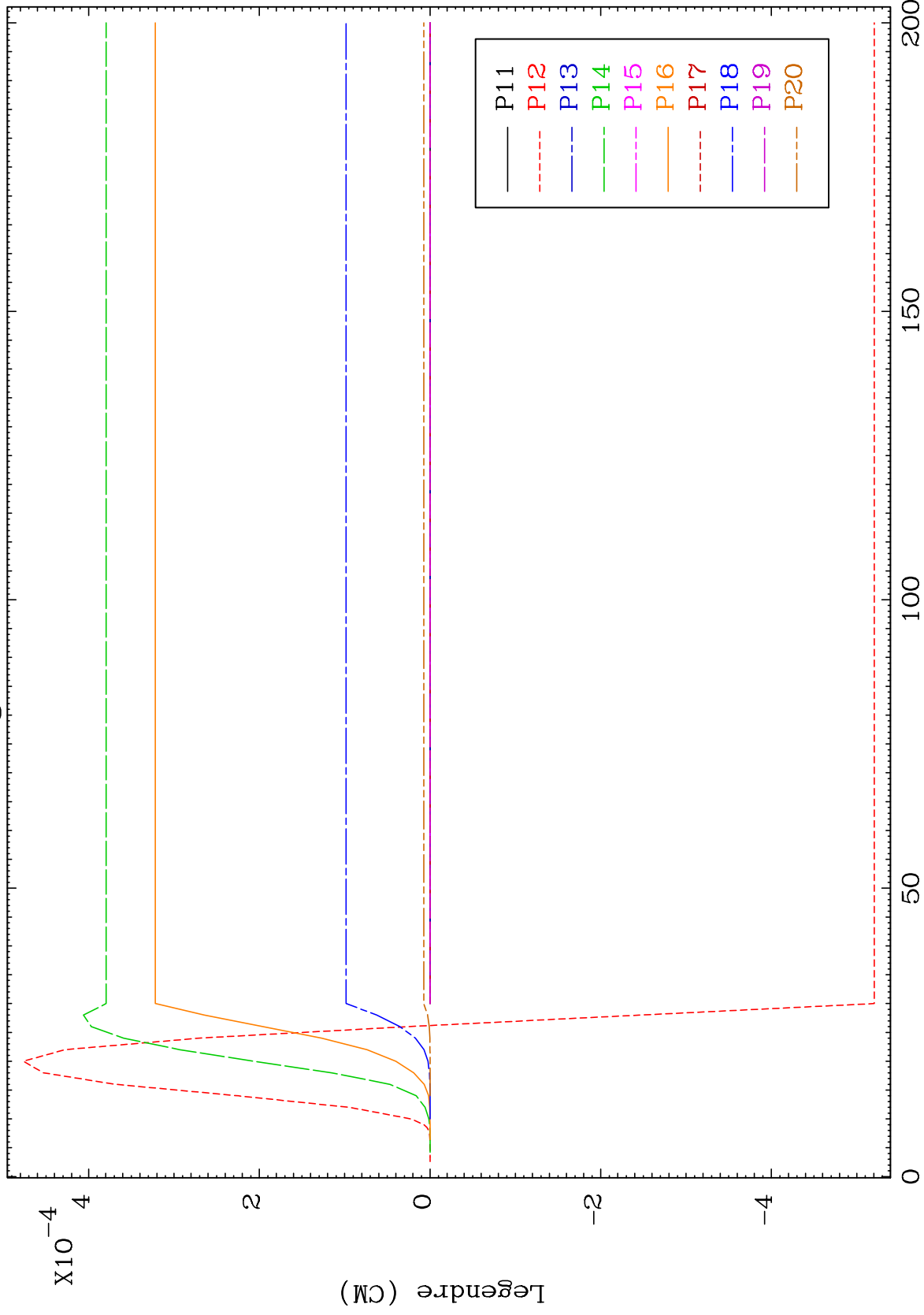
79-Au-189



MAT 7901

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

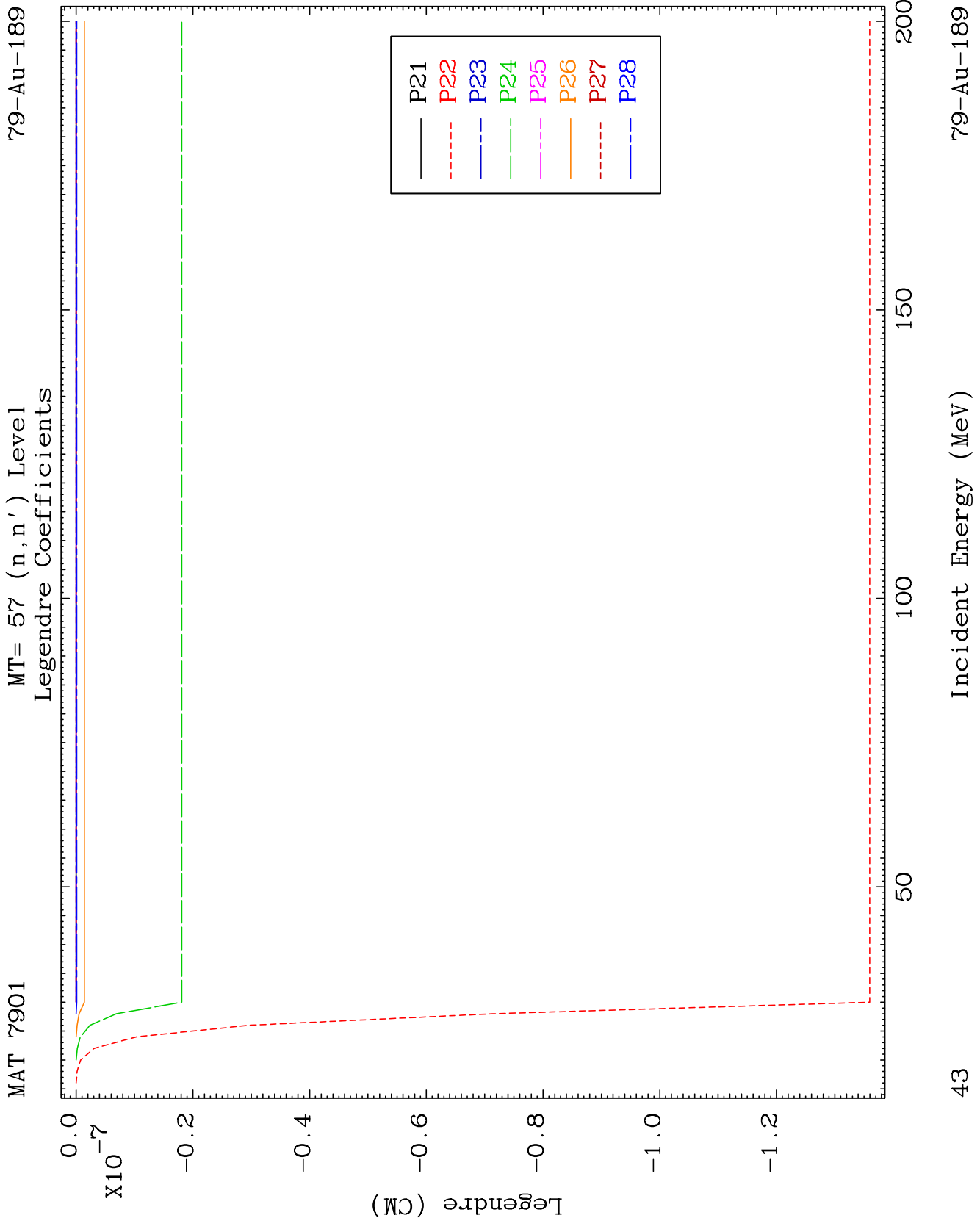
79-Au-189



42

Incident Energy (MeV)

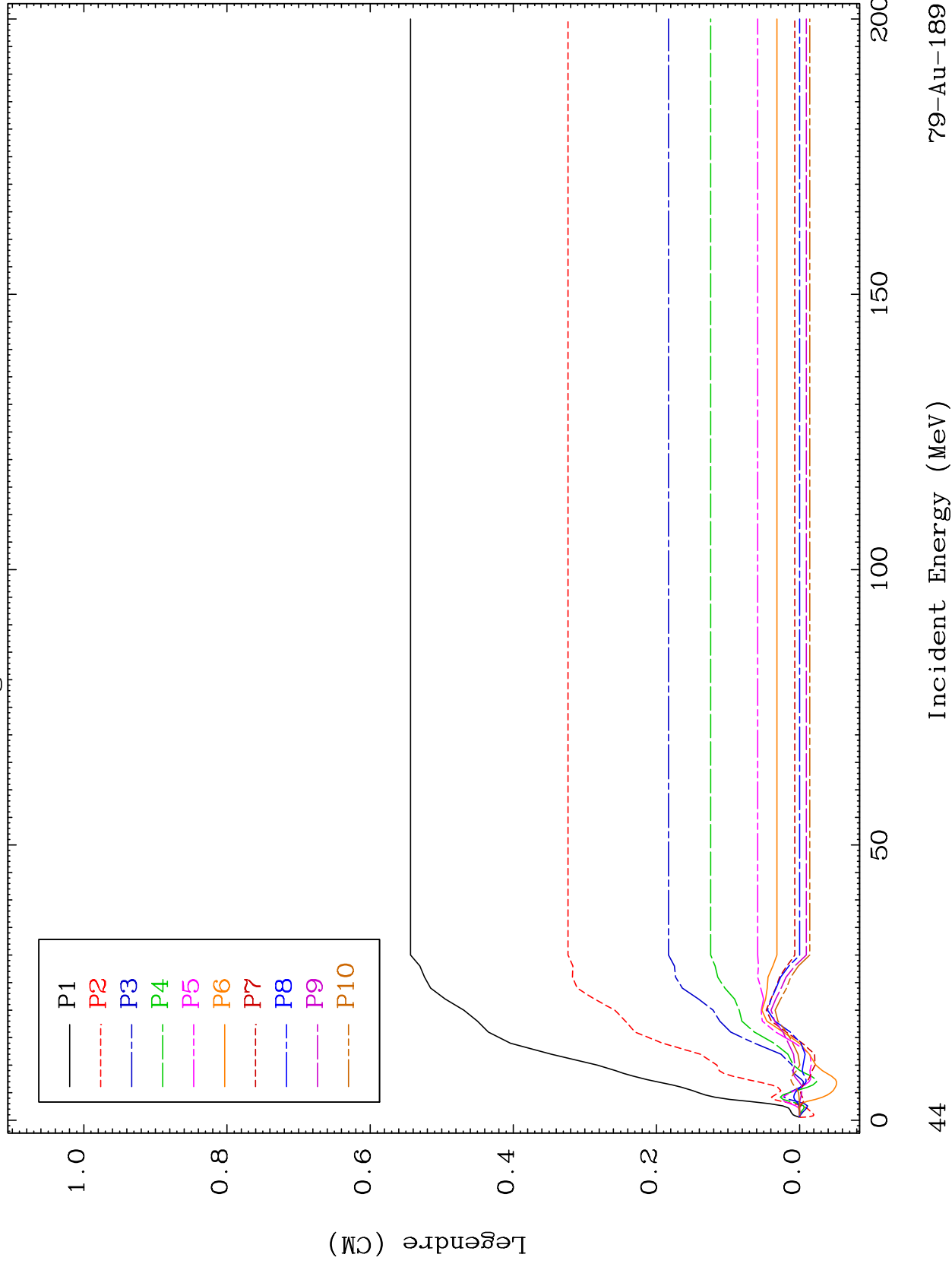
79-Au-189



MAT 7901

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

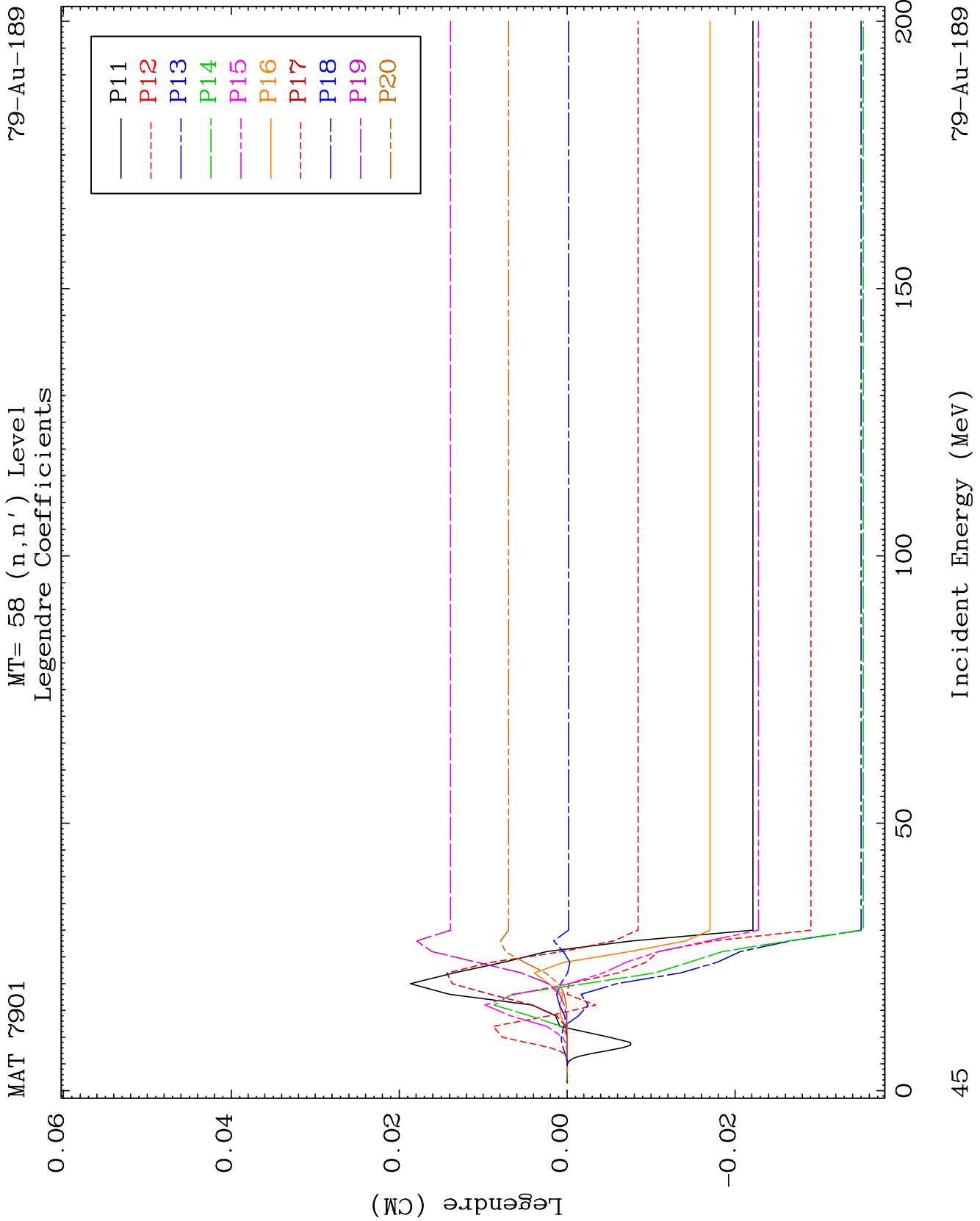
79-Au-189



44

Incident Energy (MeV)

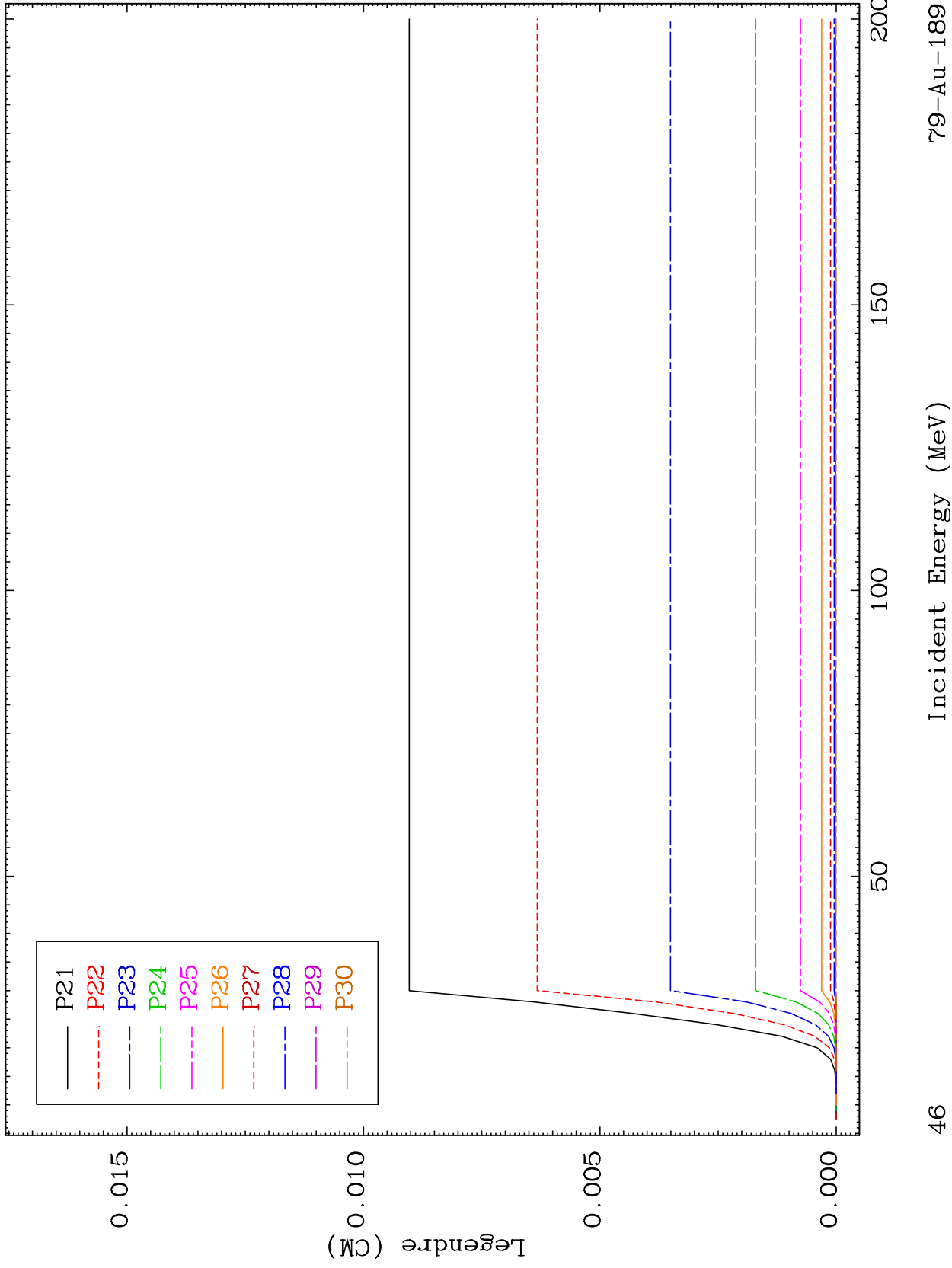
79-Au-189



MAT 7901

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

79-Au-189



46

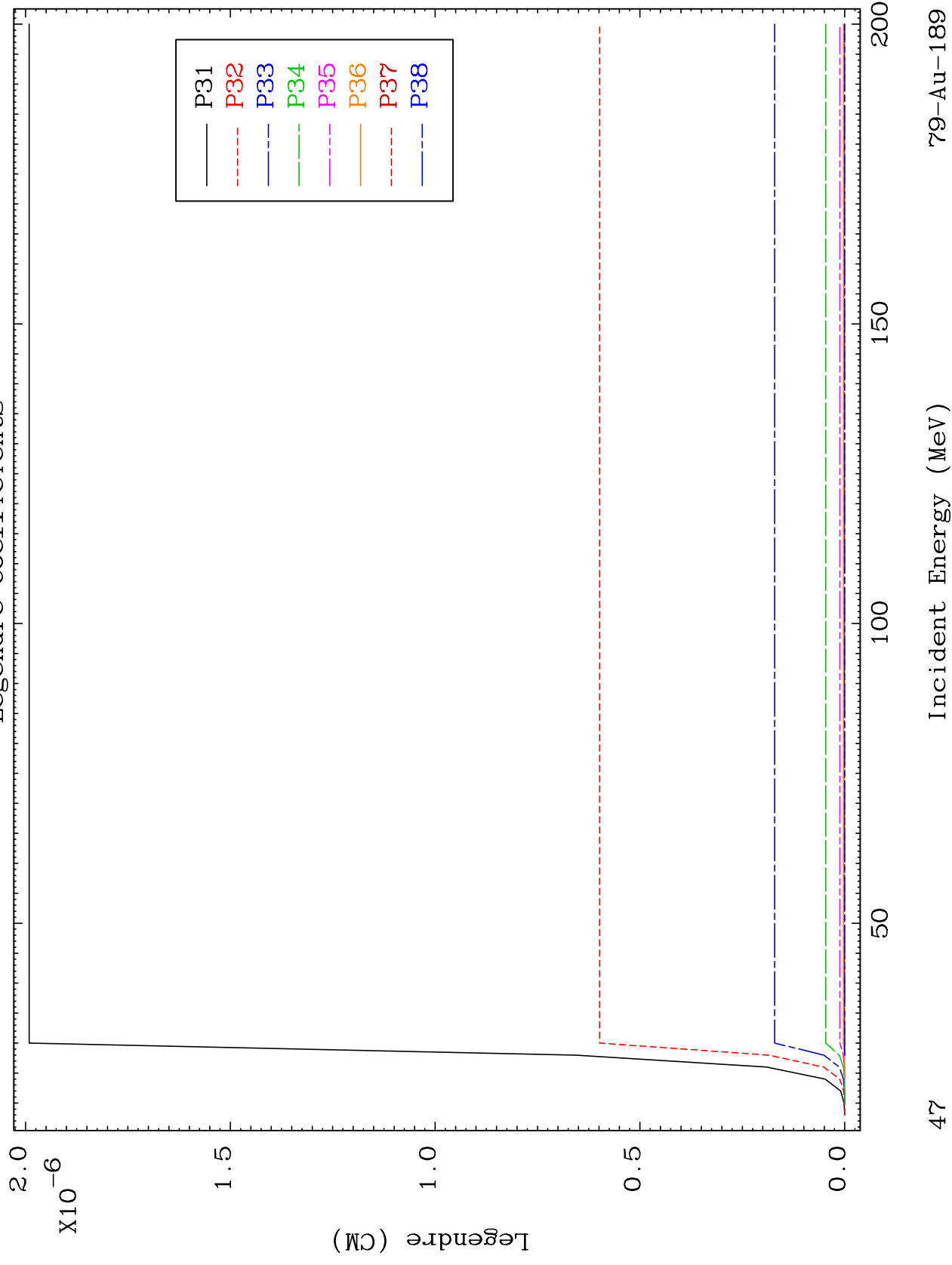
Incident Energy (MeV)

79-Au-189

MAT 7901

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

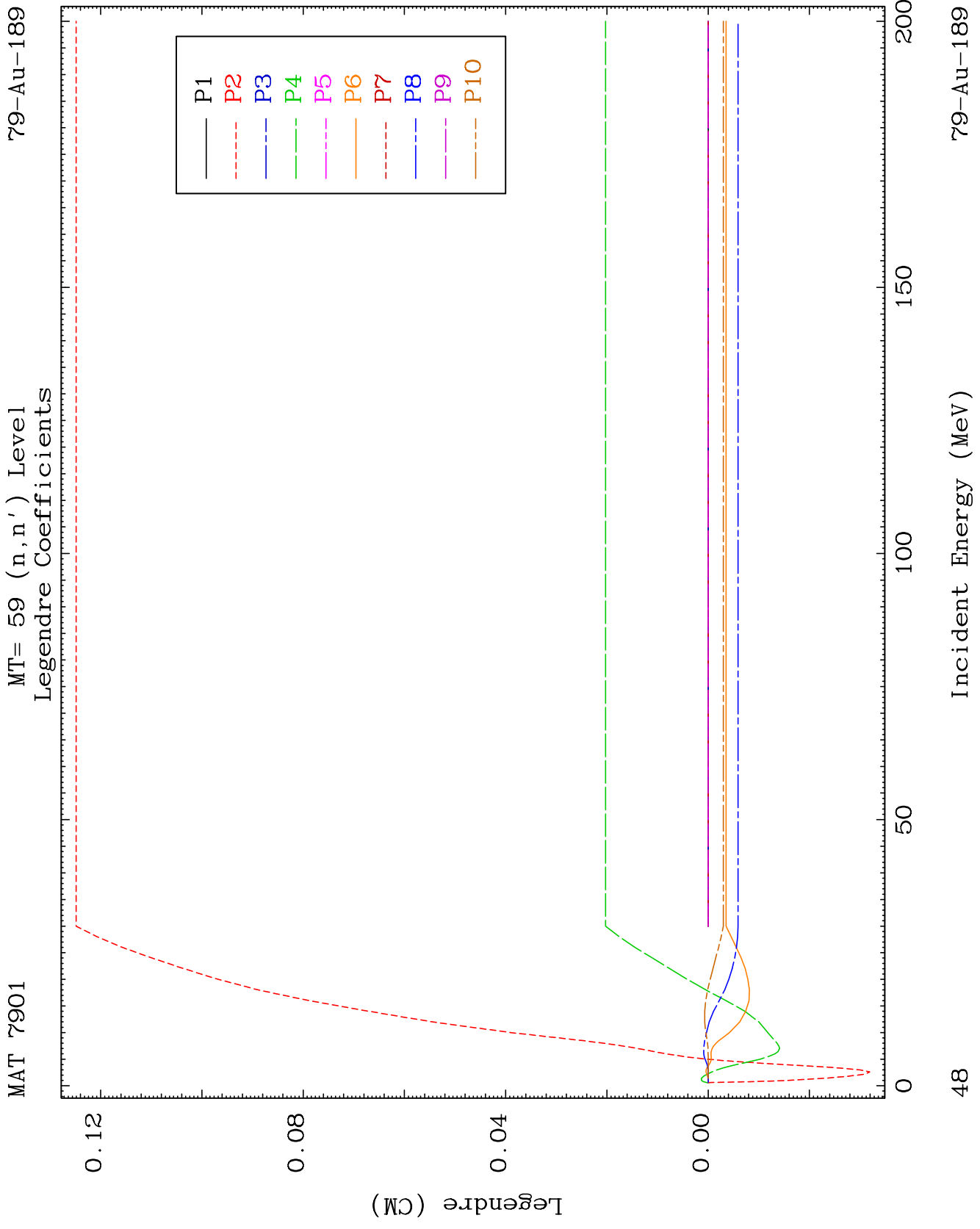
79-Au-189



47

Incident Energy (MeV)

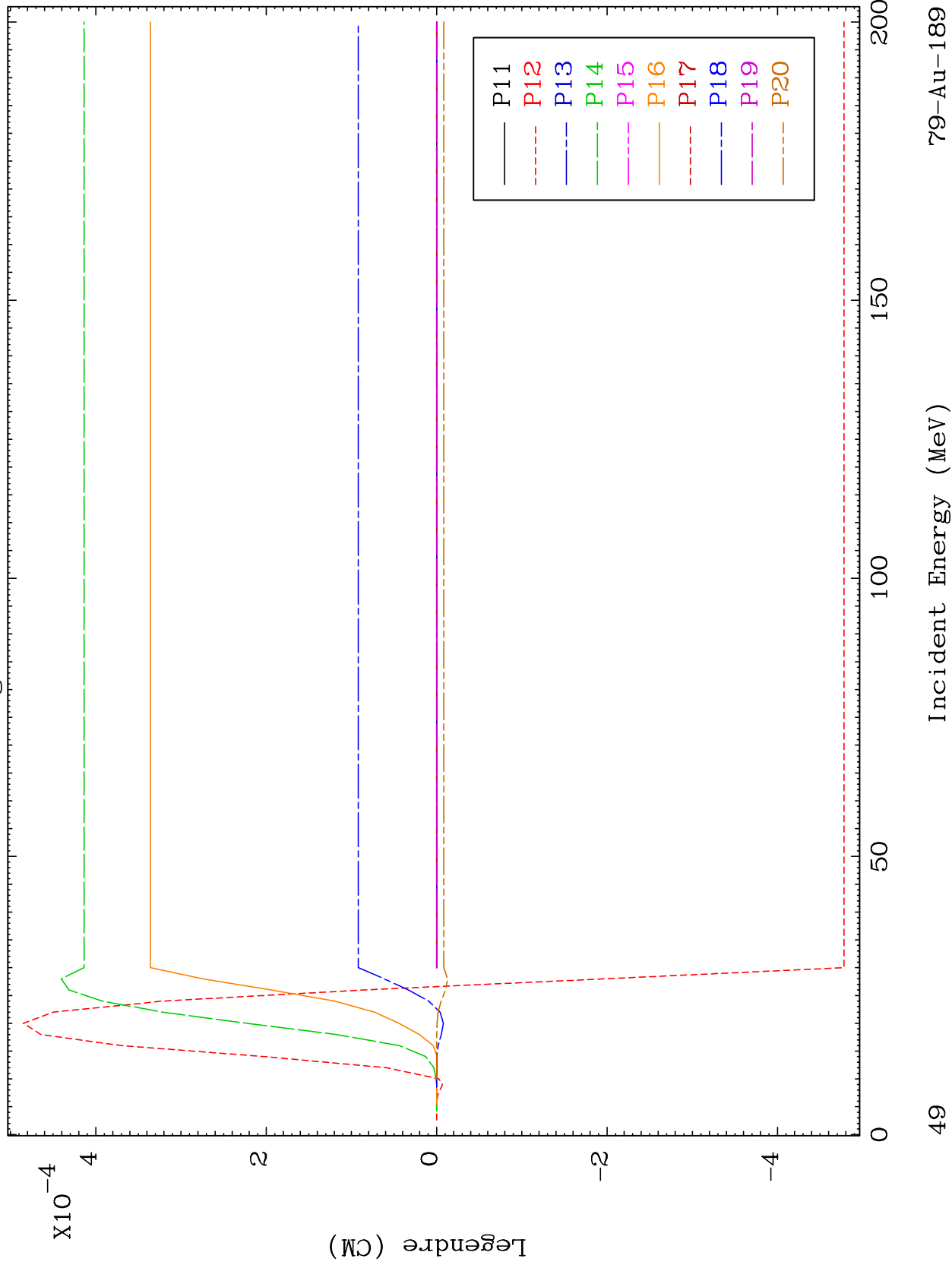
79-Au-189

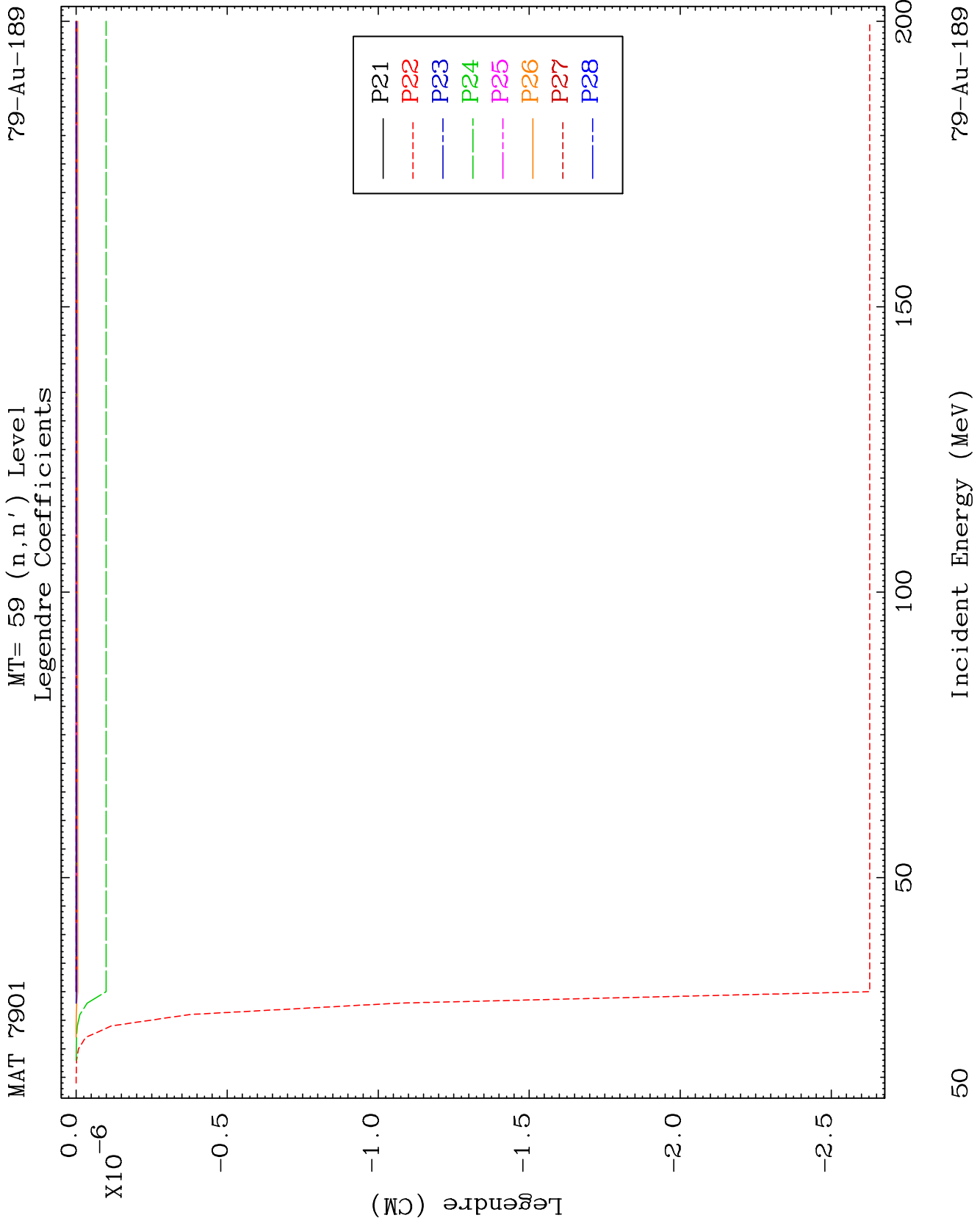


MAT 7901

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

79-Au-189

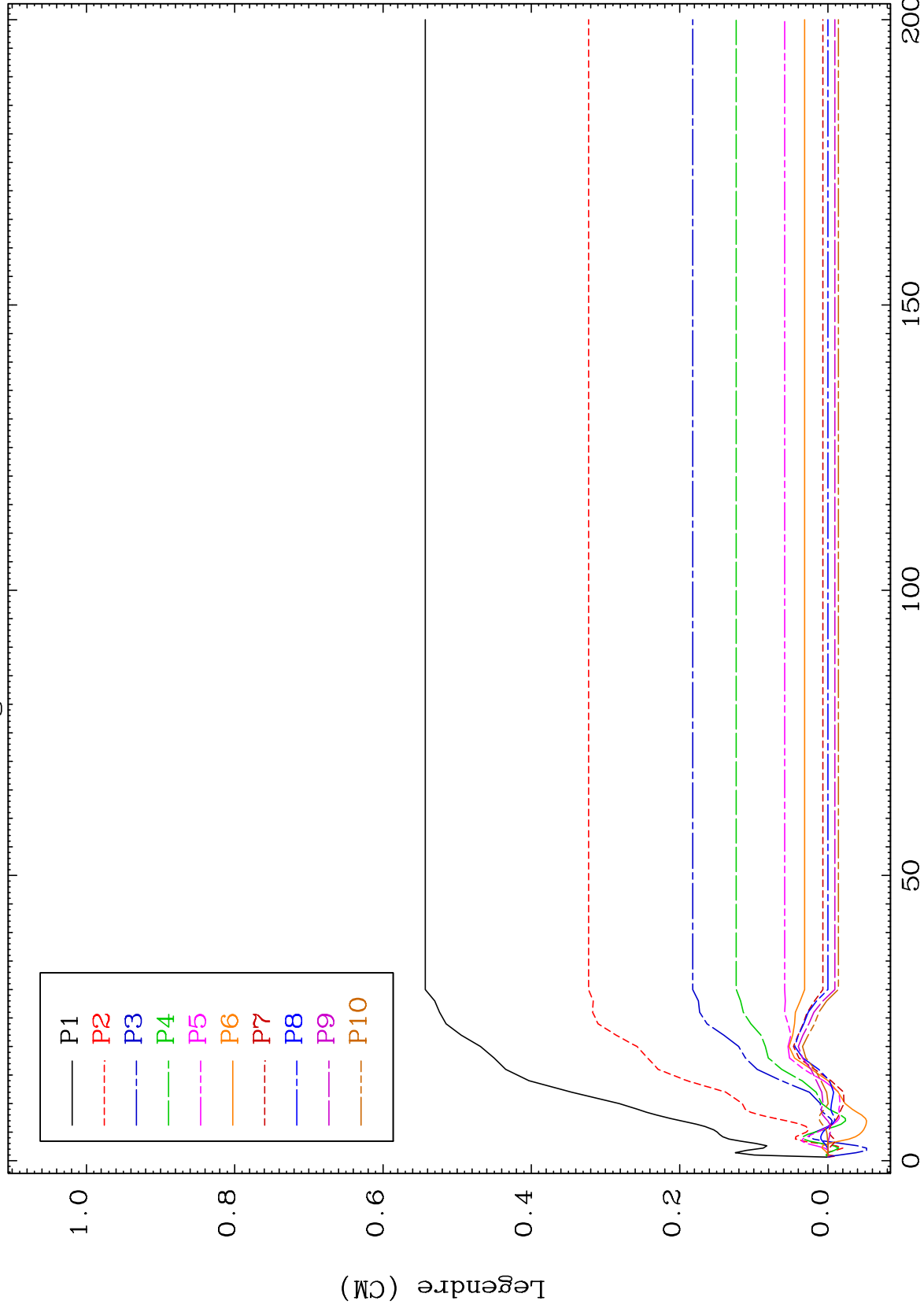




MAT 7901

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

79-Au-189



51

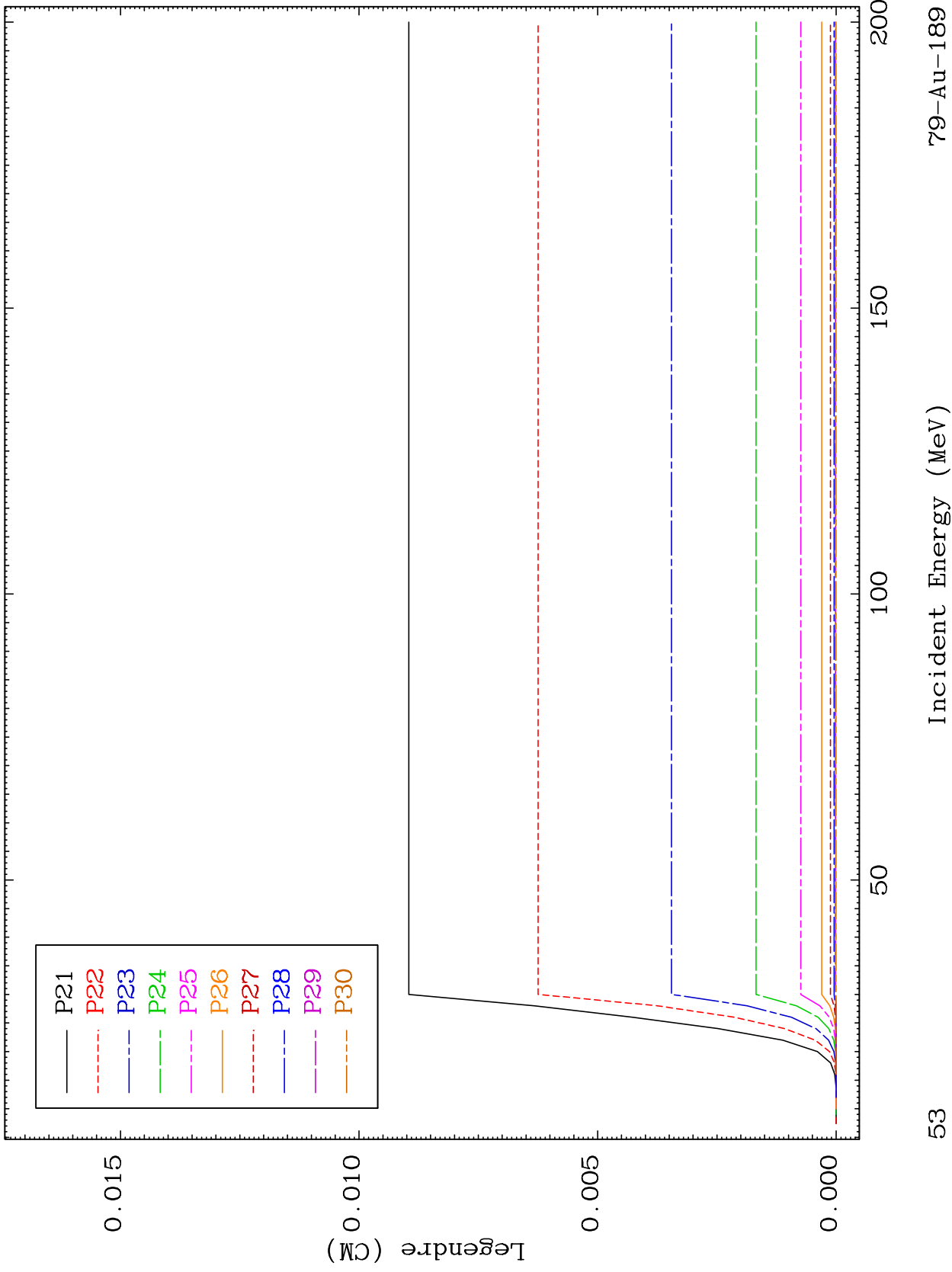
Incident Energy (MeV)

79-Au-189

MAT 7901

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

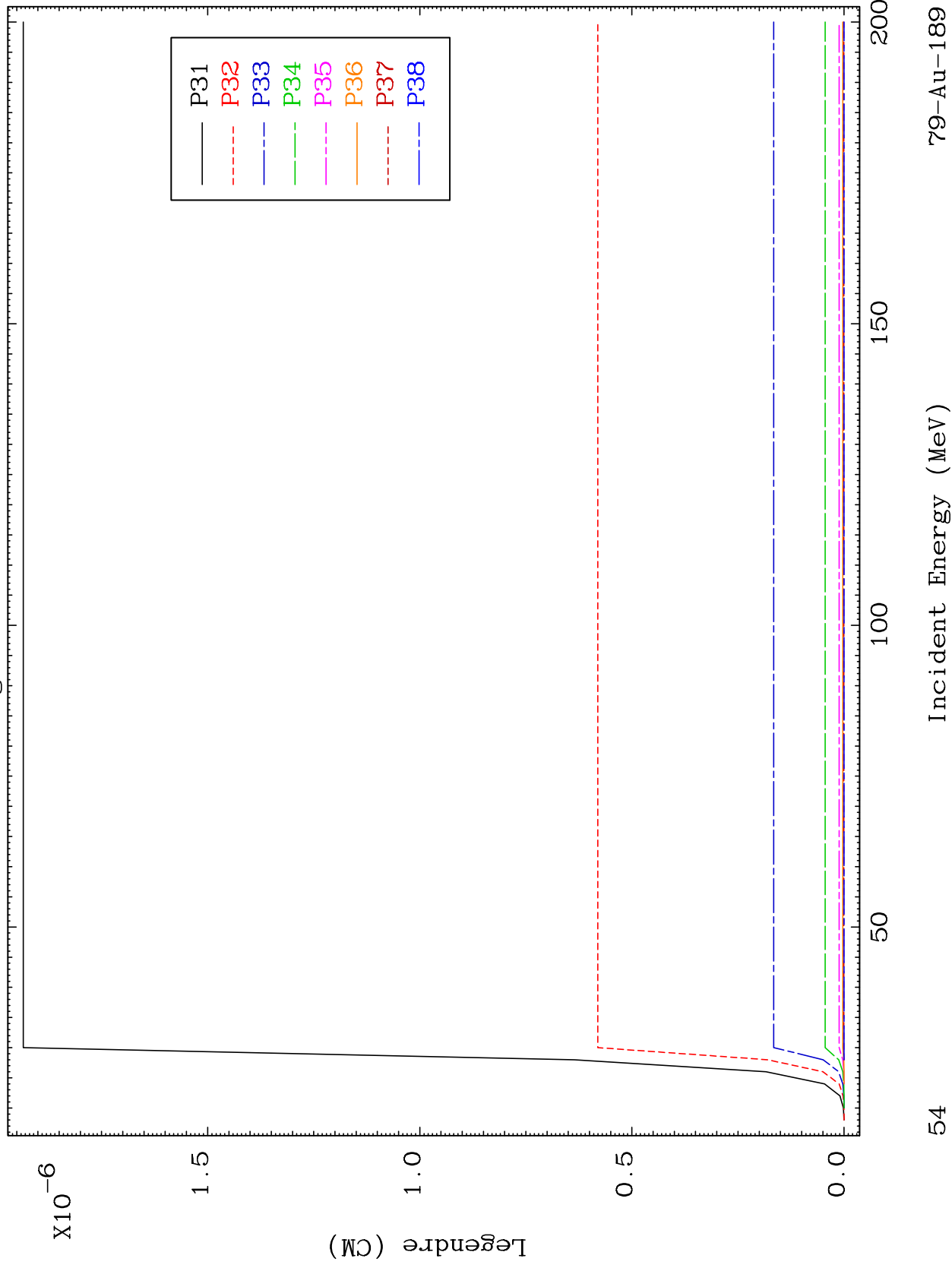
79-Au-189



MAT 7901

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

79-Au-189



54

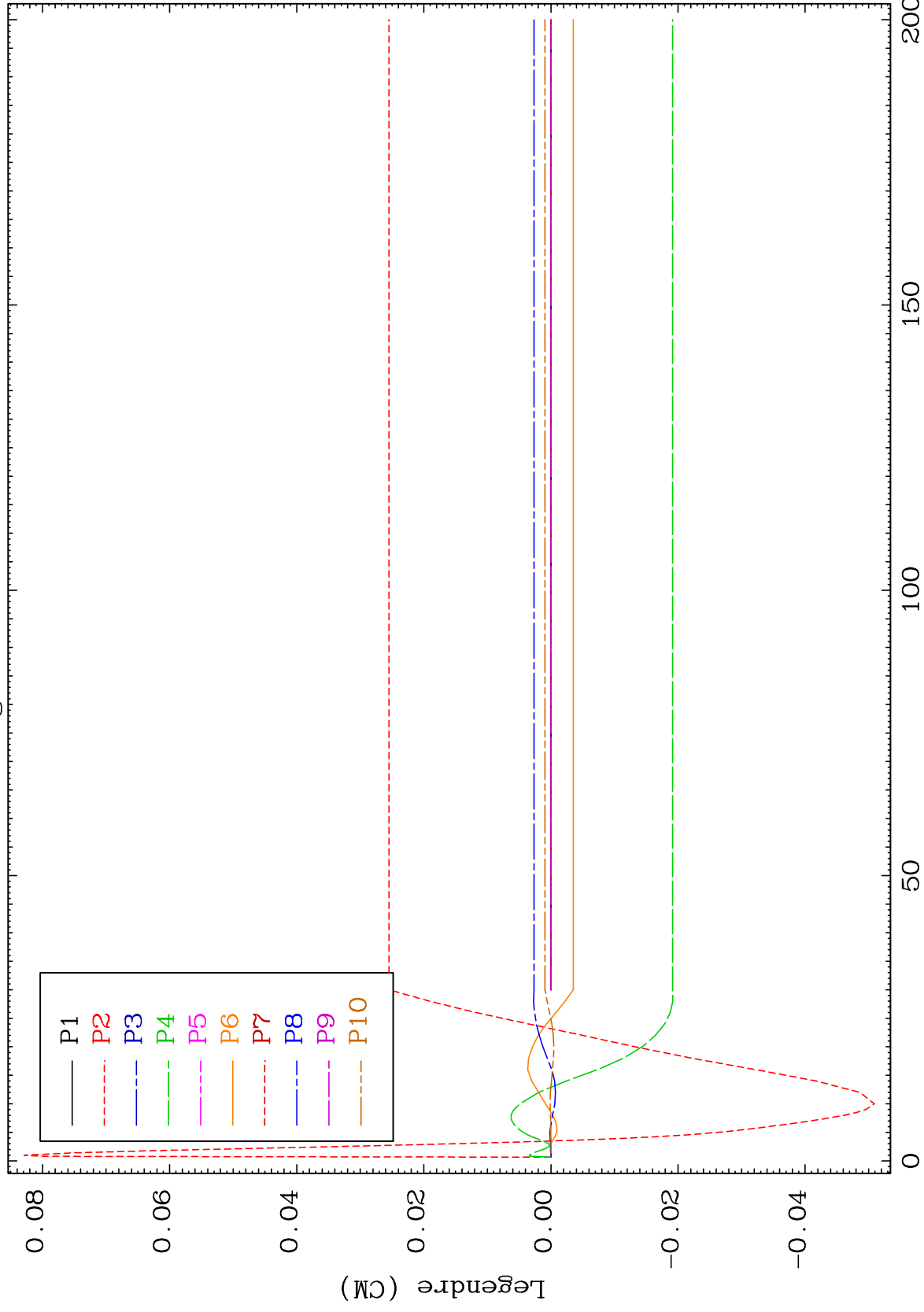
Incident Energy (MeV)

79-Au-189

MAT 7901

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

79-Au-189



55

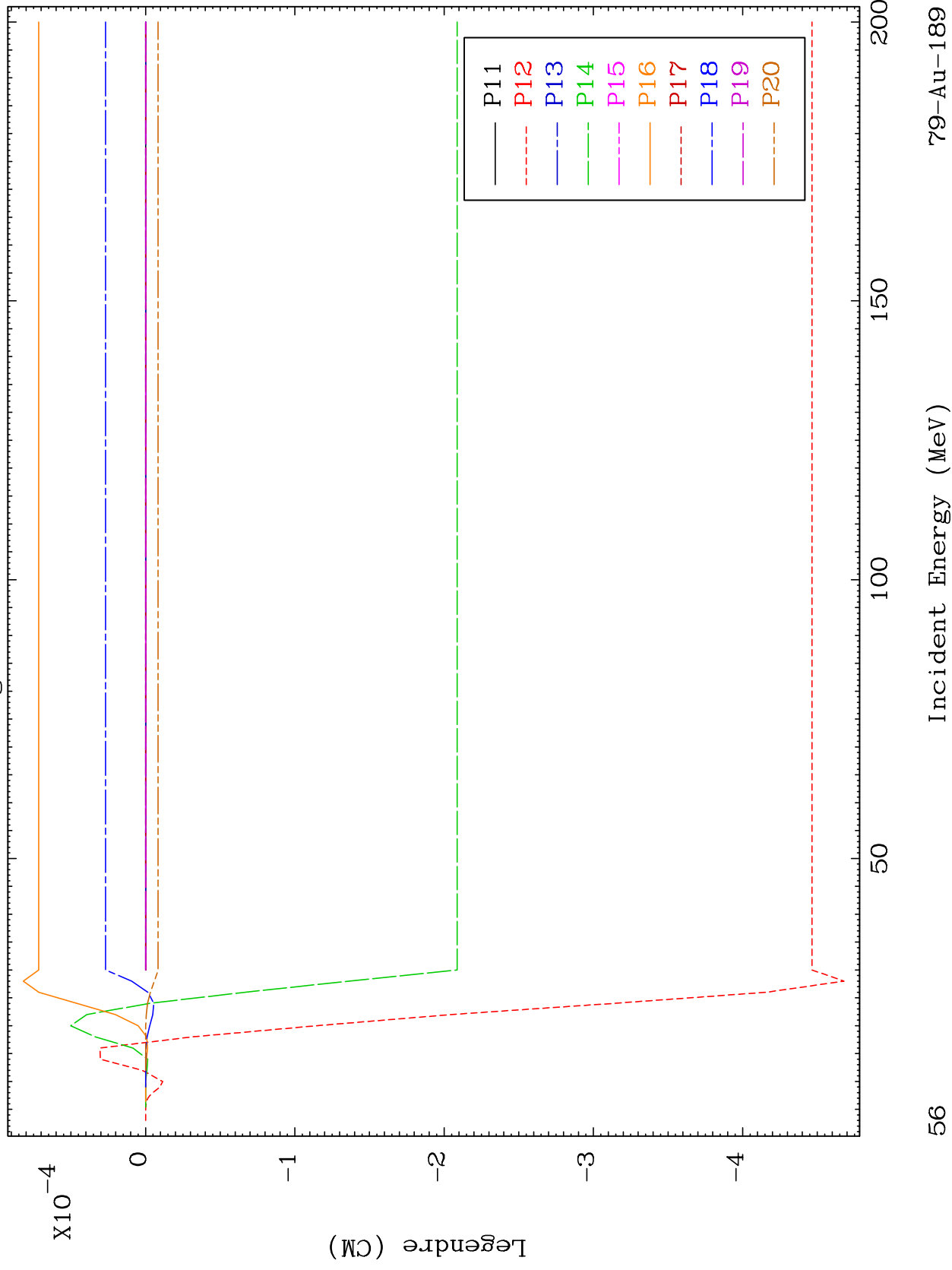
Incident Energy (MeV)

79-Au-189

MAT 7901

79-Au-189

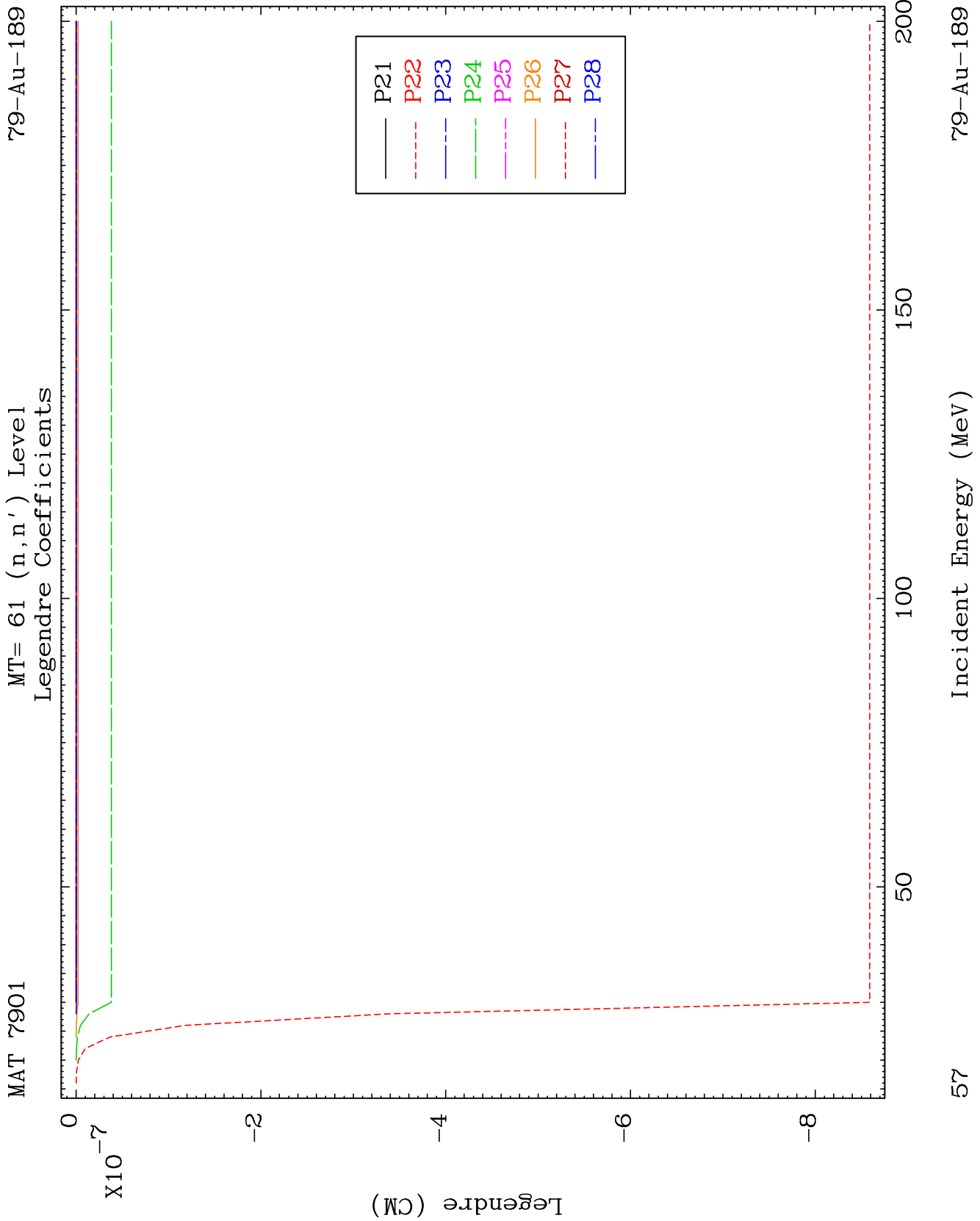
MT= 61 (n,n') Level
Legendre Coefficients

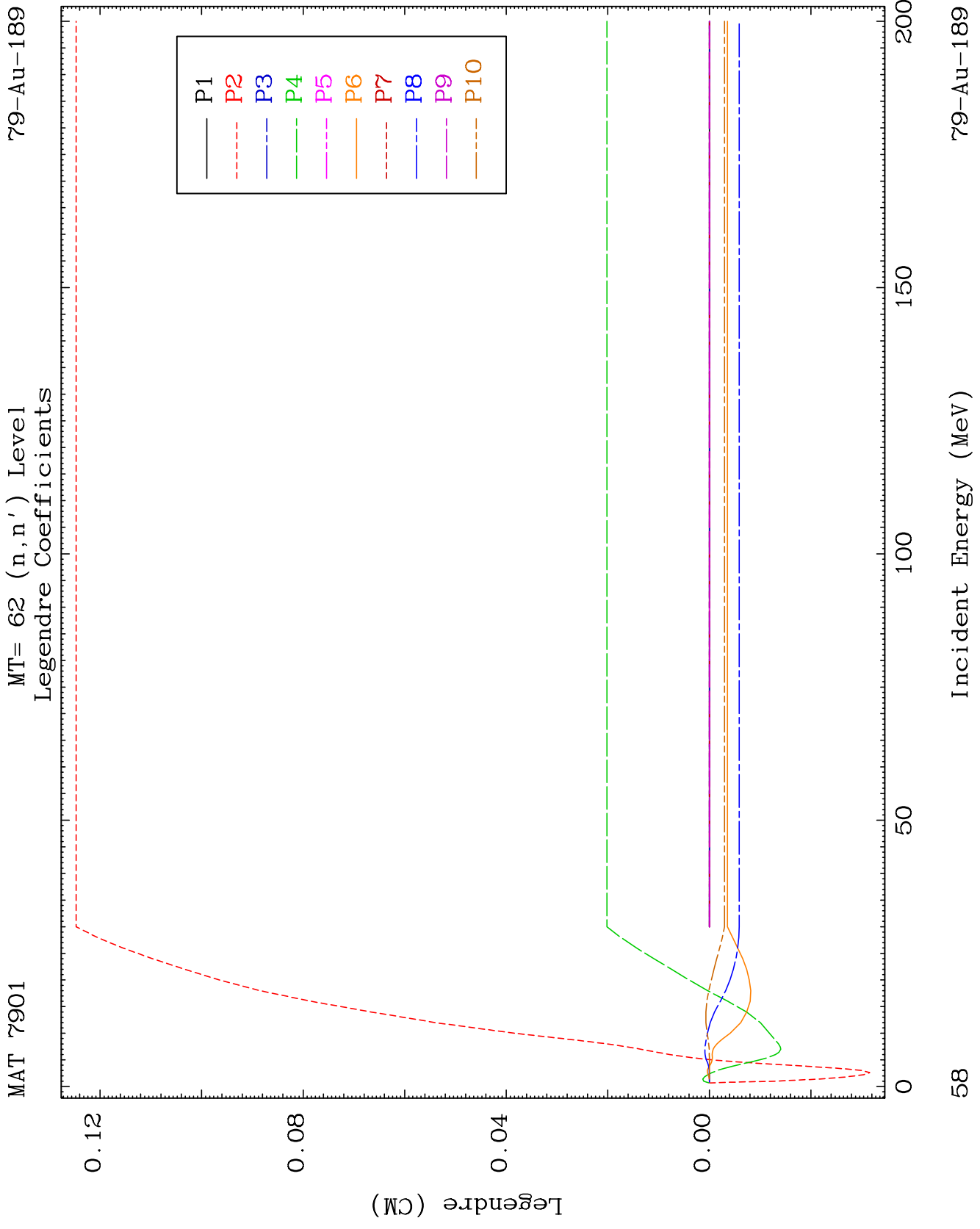


56

Incident Energy (MeV)

79-Au-189

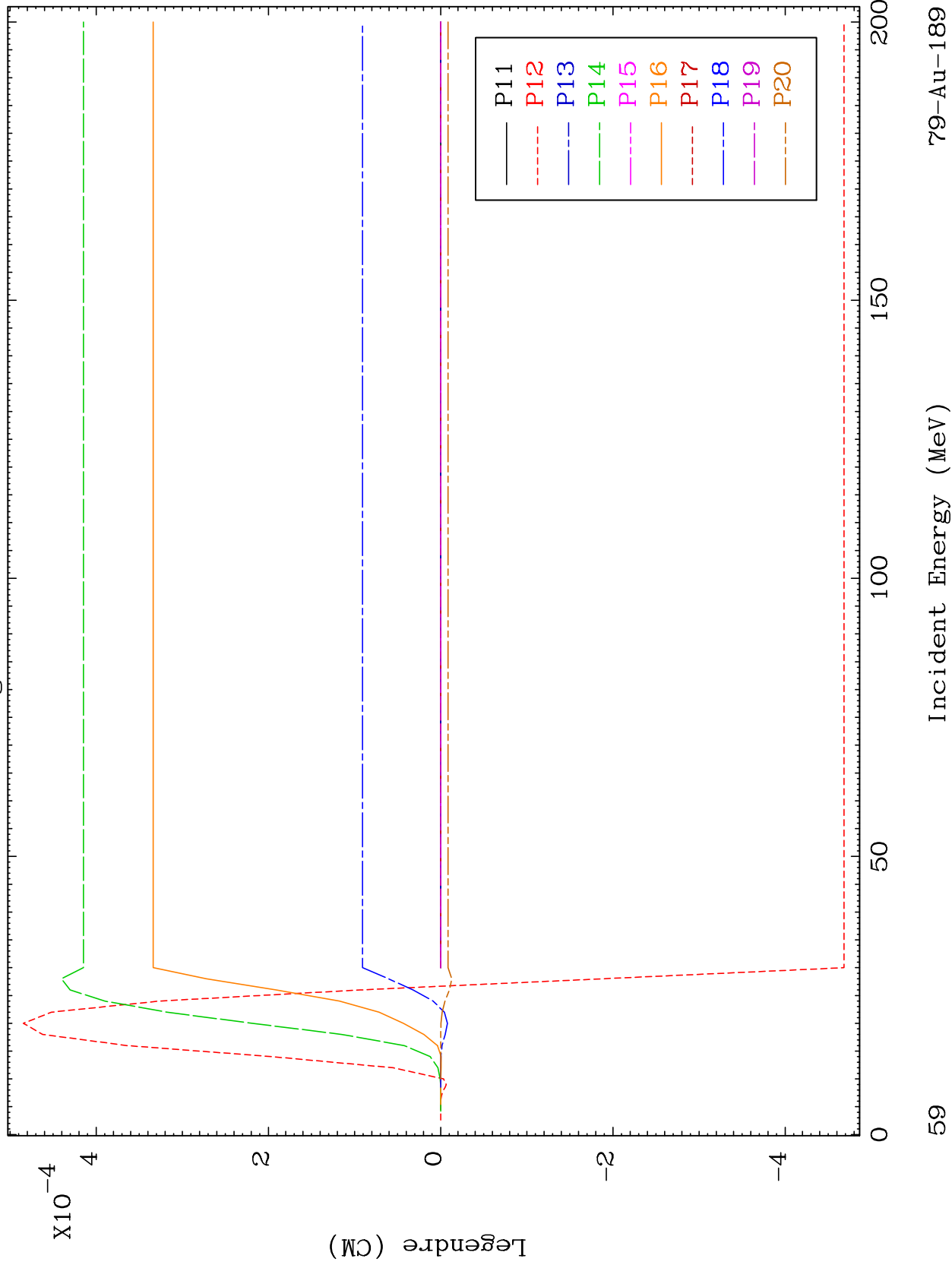




MAT 7901

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

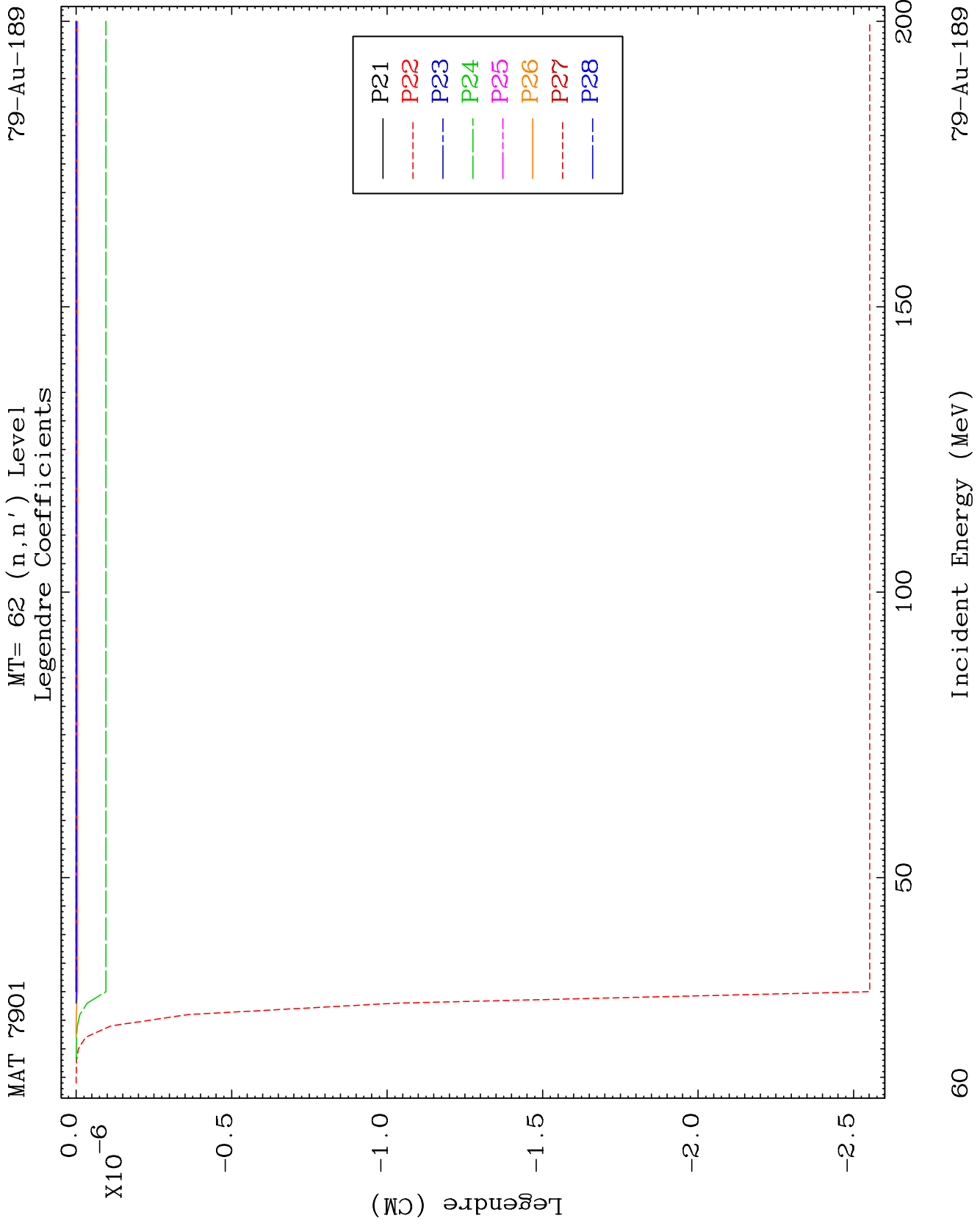
79-Au-189



79-Au-189

Incident Energy (MeV)

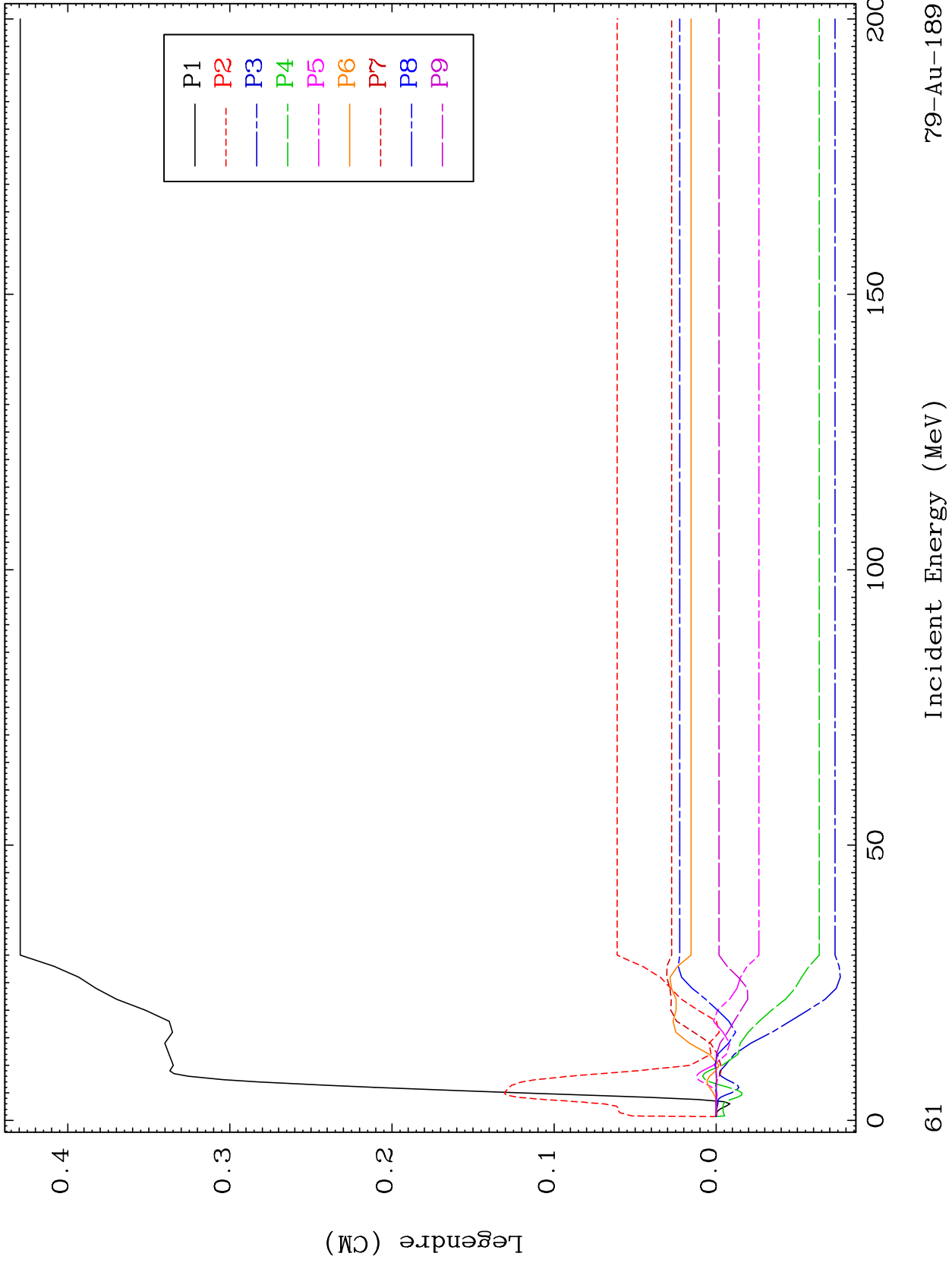
59



MAT 7901

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

79-Au-189



61

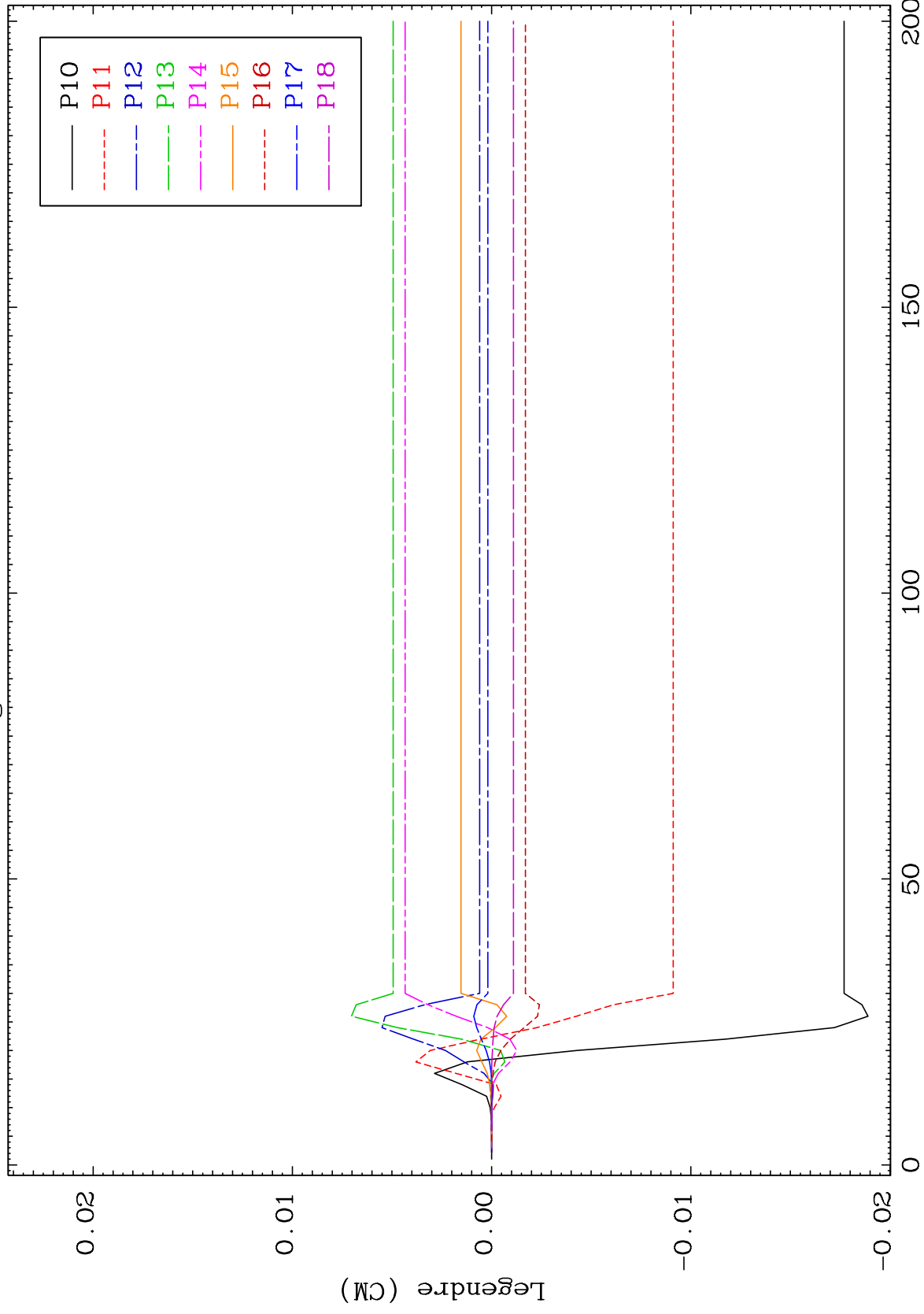
Incident Energy (MeV)

79-Au-189

MAT 7901

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

79-Au-189



62

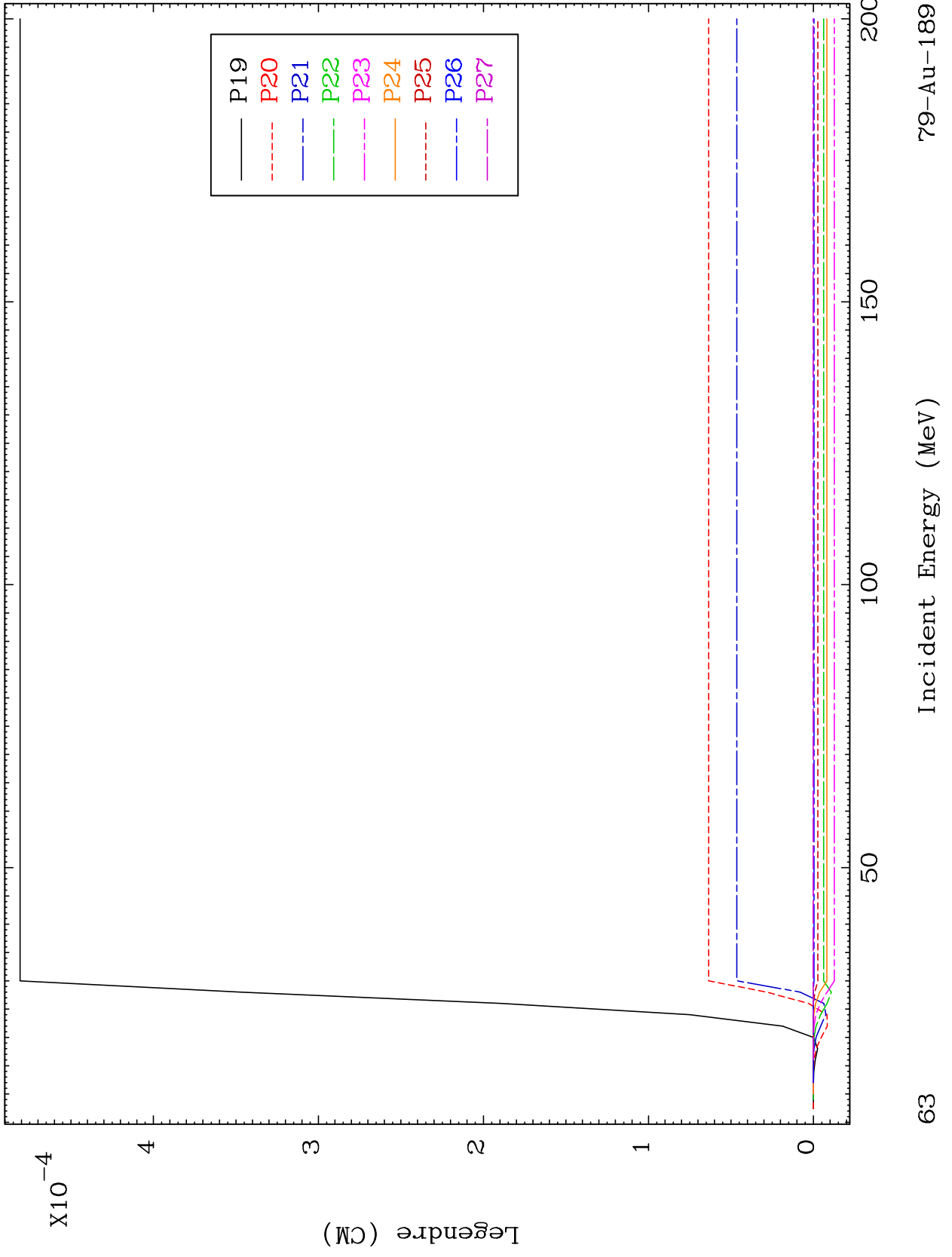
Incident Energy (MeV)

79-Au-189

MAT 7901

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

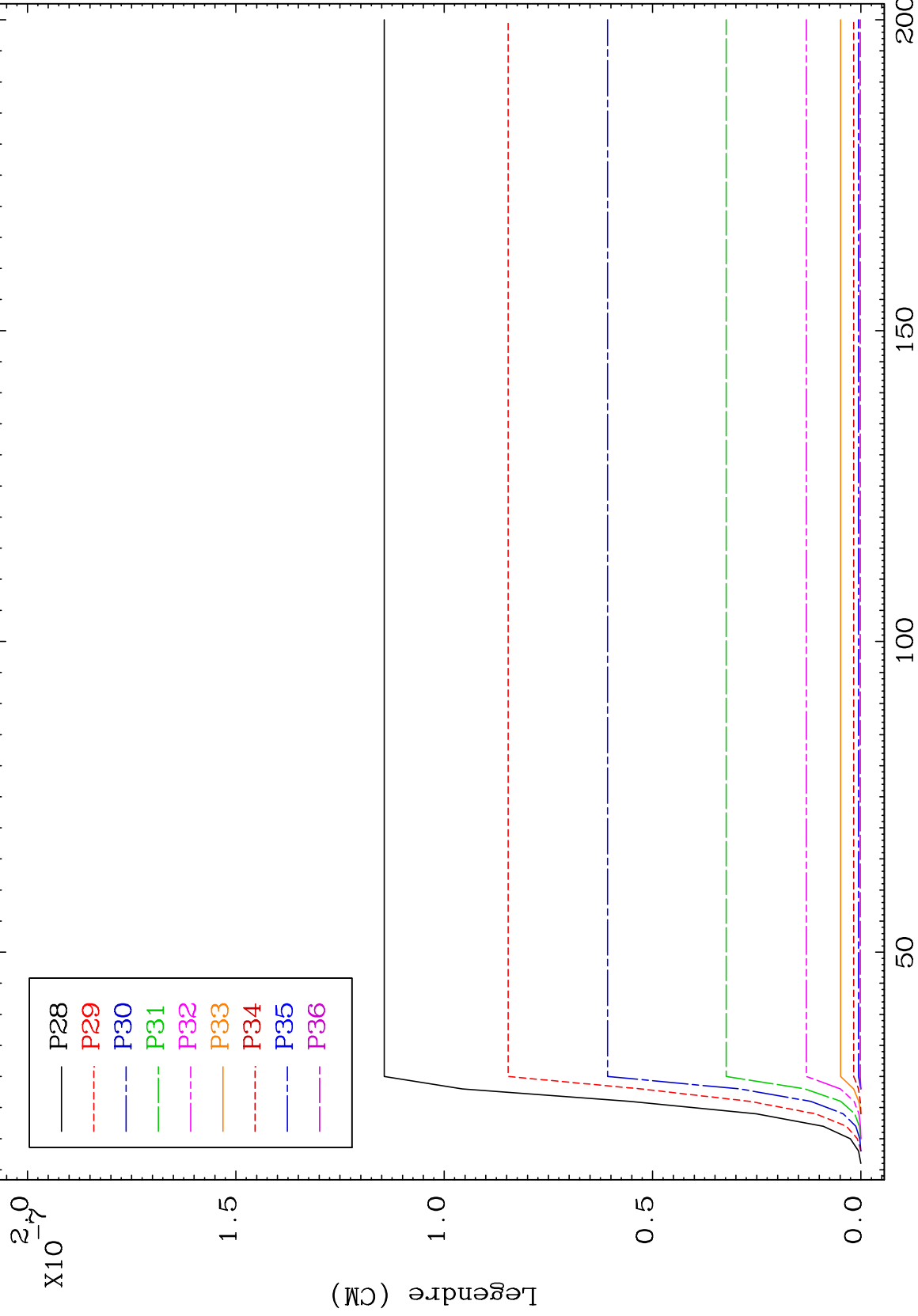
79-Au-189



MAT 7901

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

79-Au-189



64

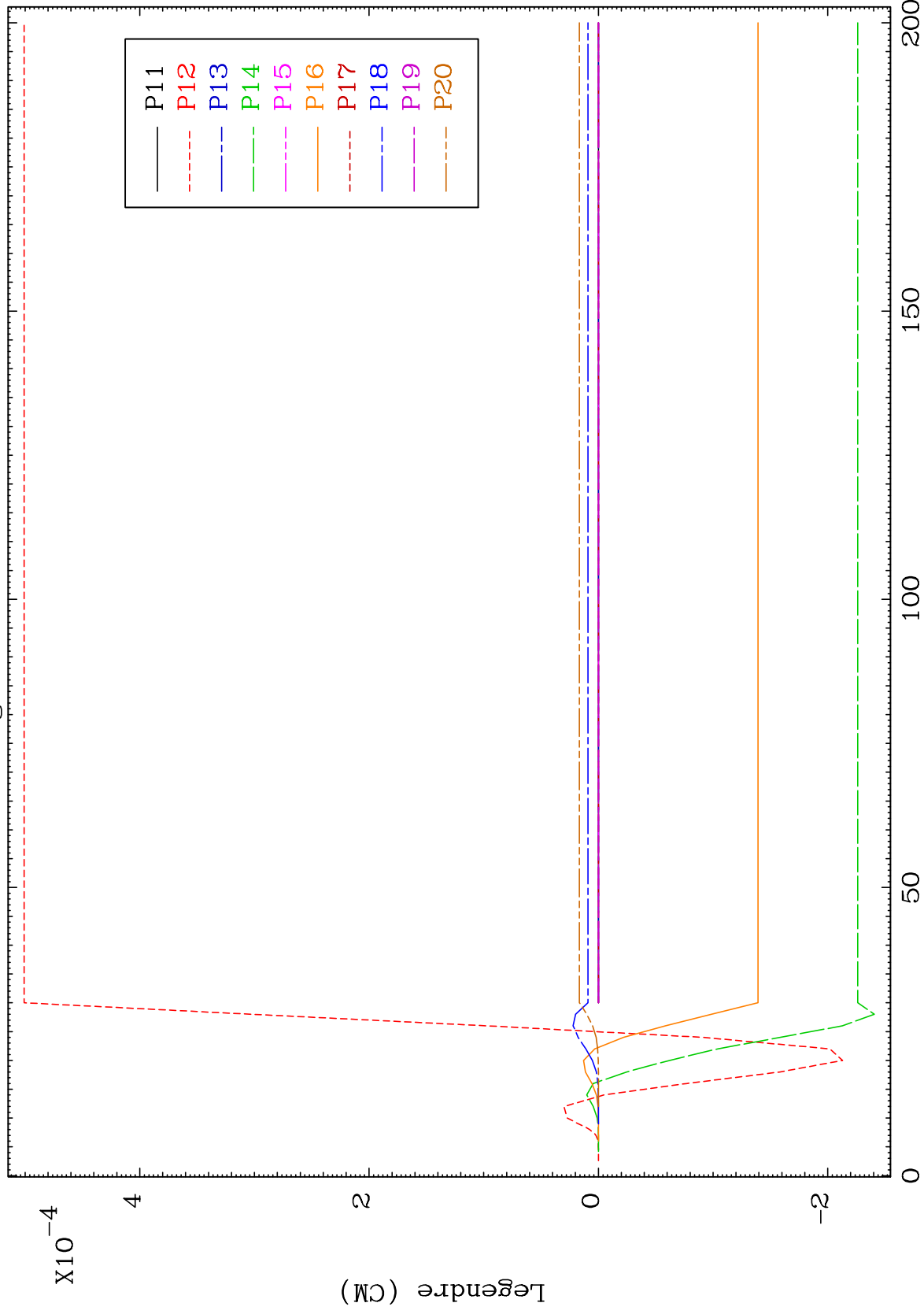
Incident Energy (MeV)

79-Au-189

MAT 7901

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

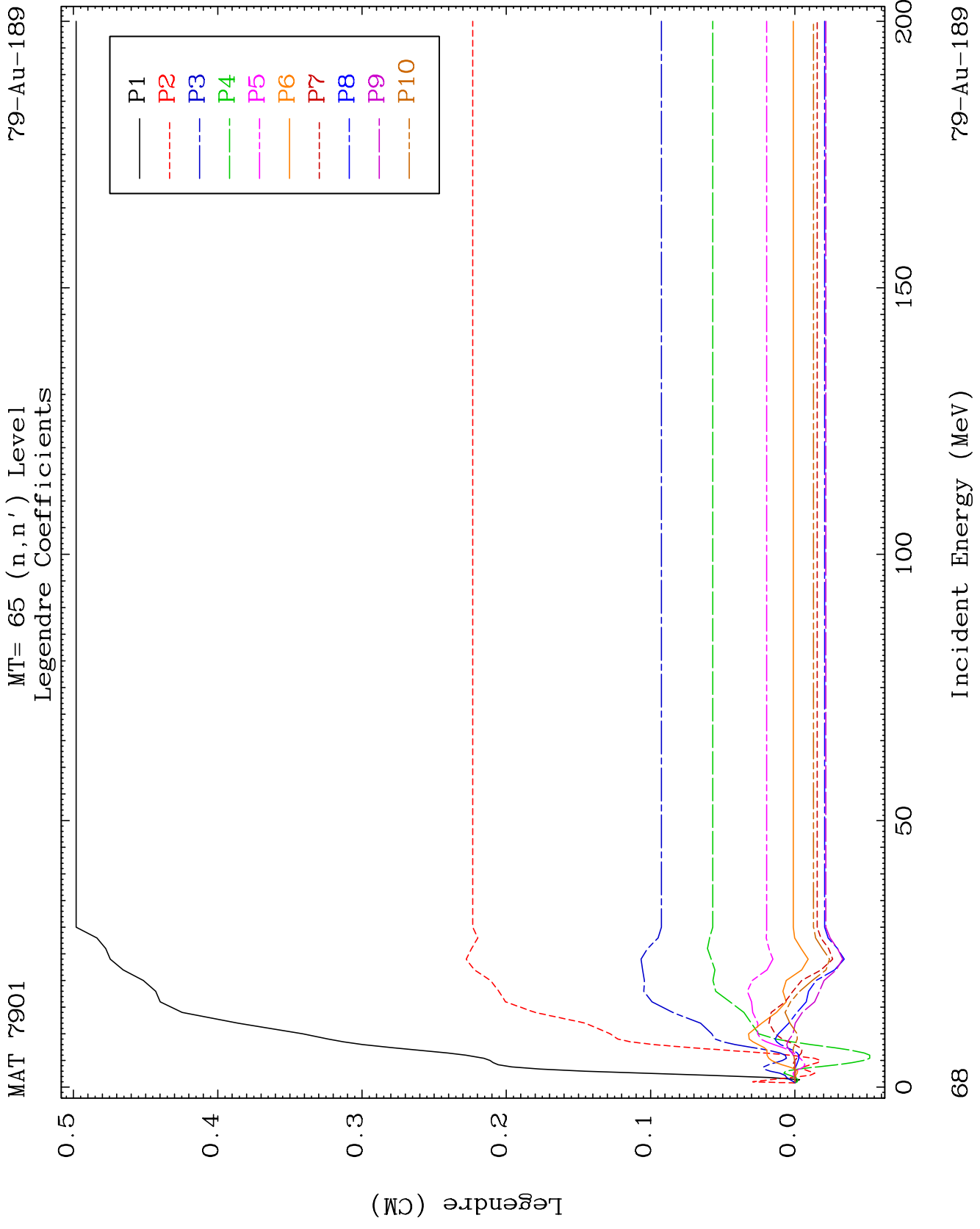
79-Au-189



66

Incident Energy (MeV)

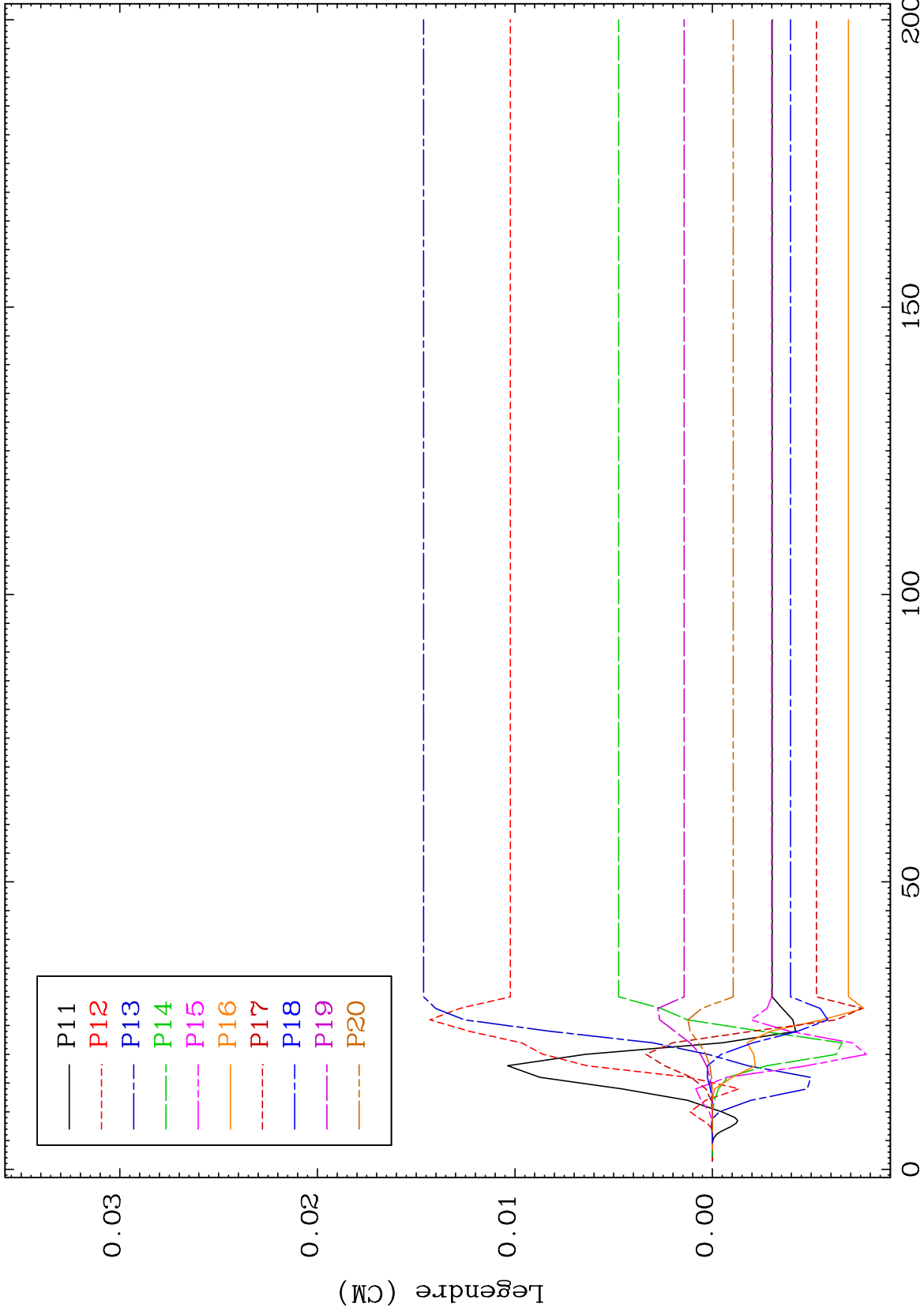
79-Au-189



MAT 7901

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

79-Au-189



69

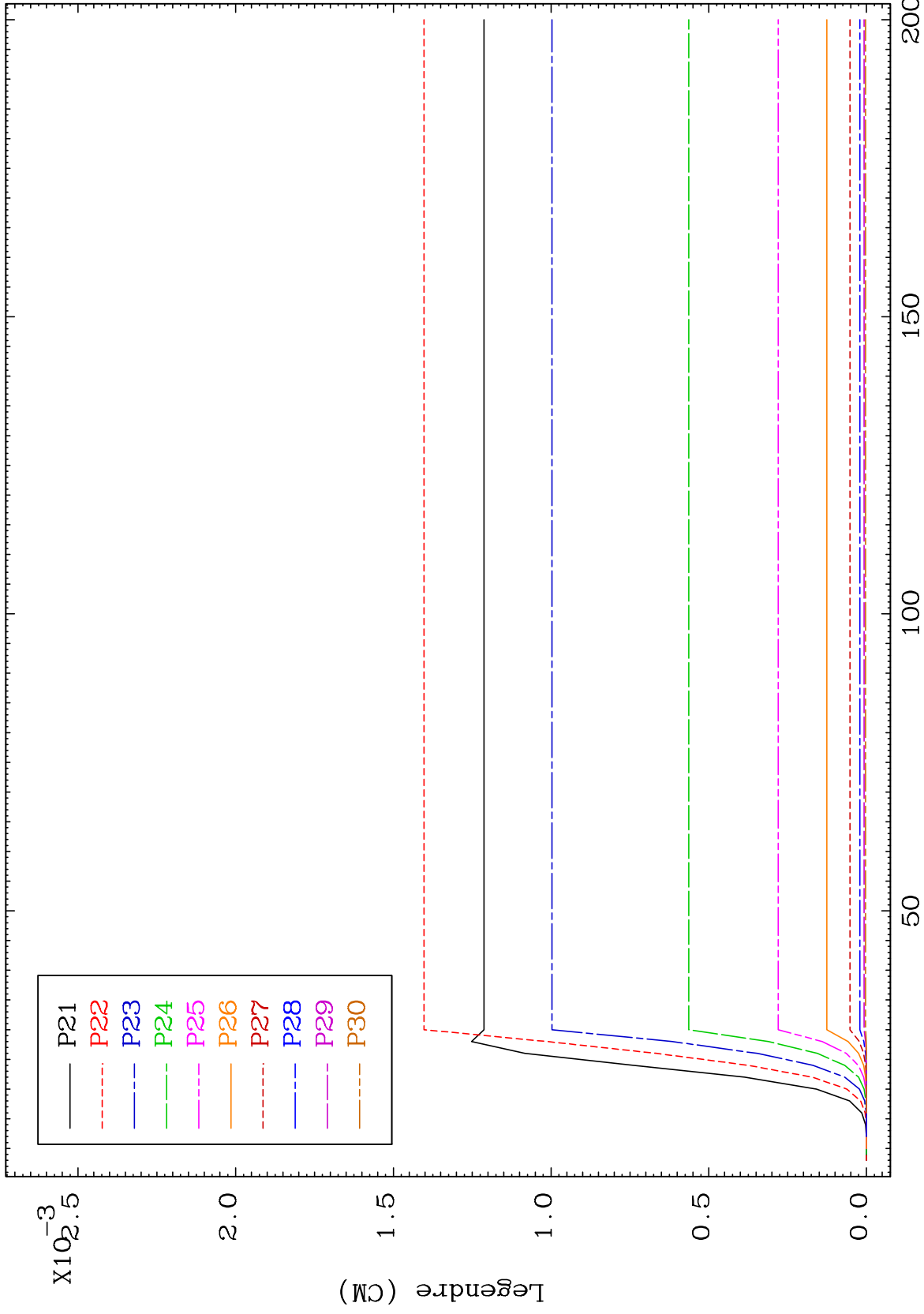
Incident Energy (MeV)

79-Au-189

MAT 7901

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

79-Au-189



70

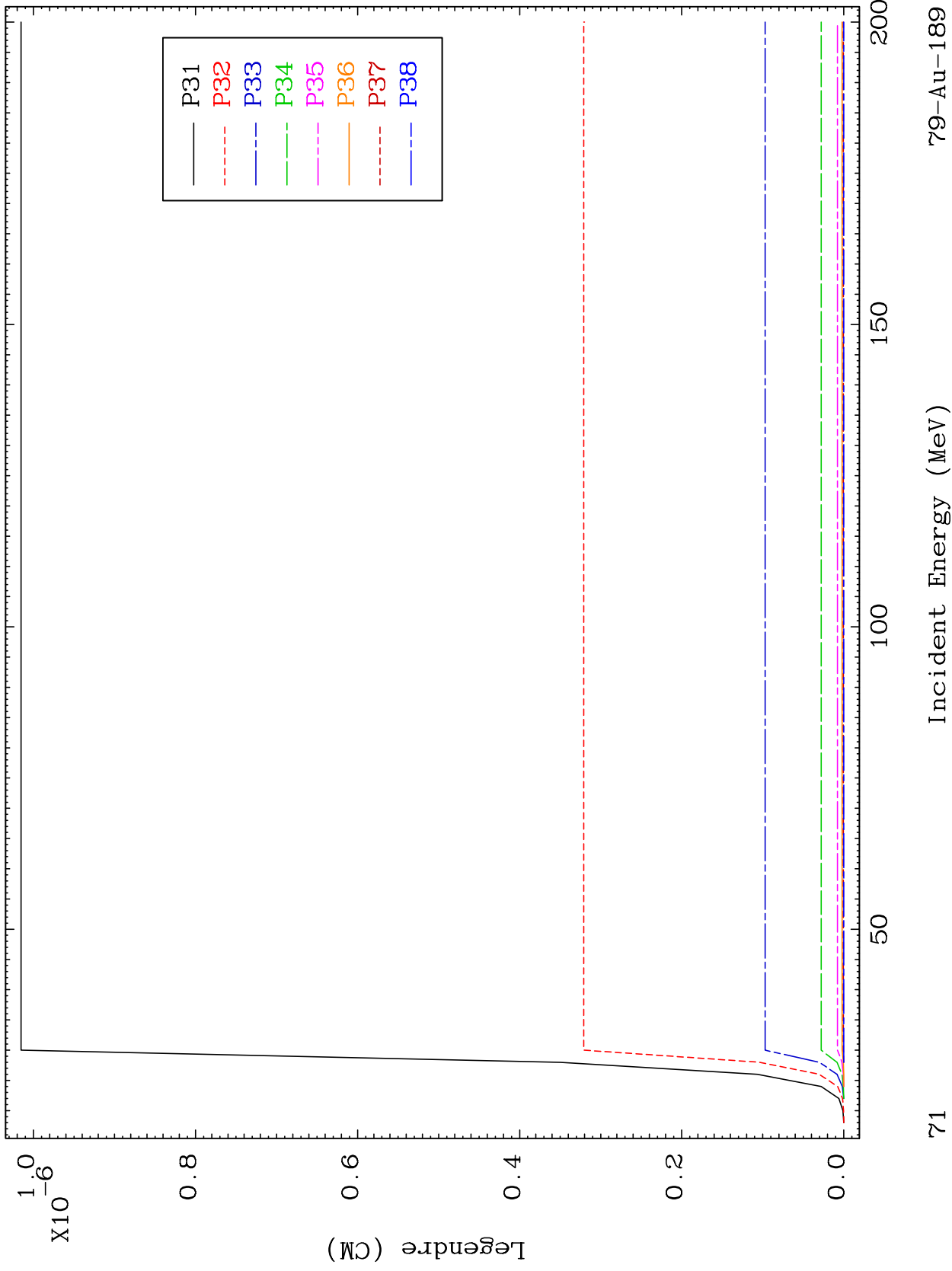
Incident Energy (MeV)

79-Au-189

MAT 7901

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

79-Au-189



71

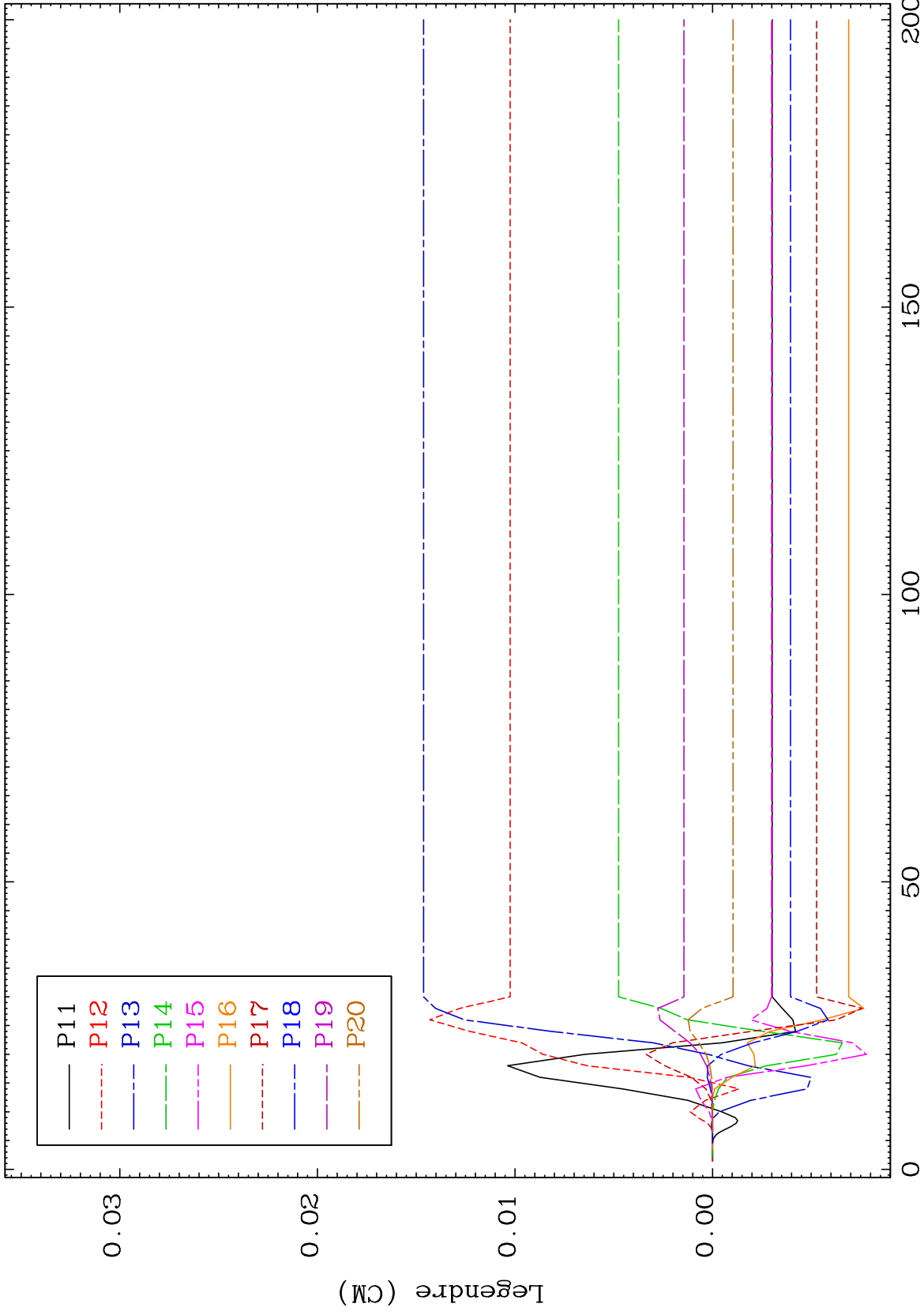
Incident Energy (MeV)

79-Au-189

MAT 7901

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

79-Au-189



73

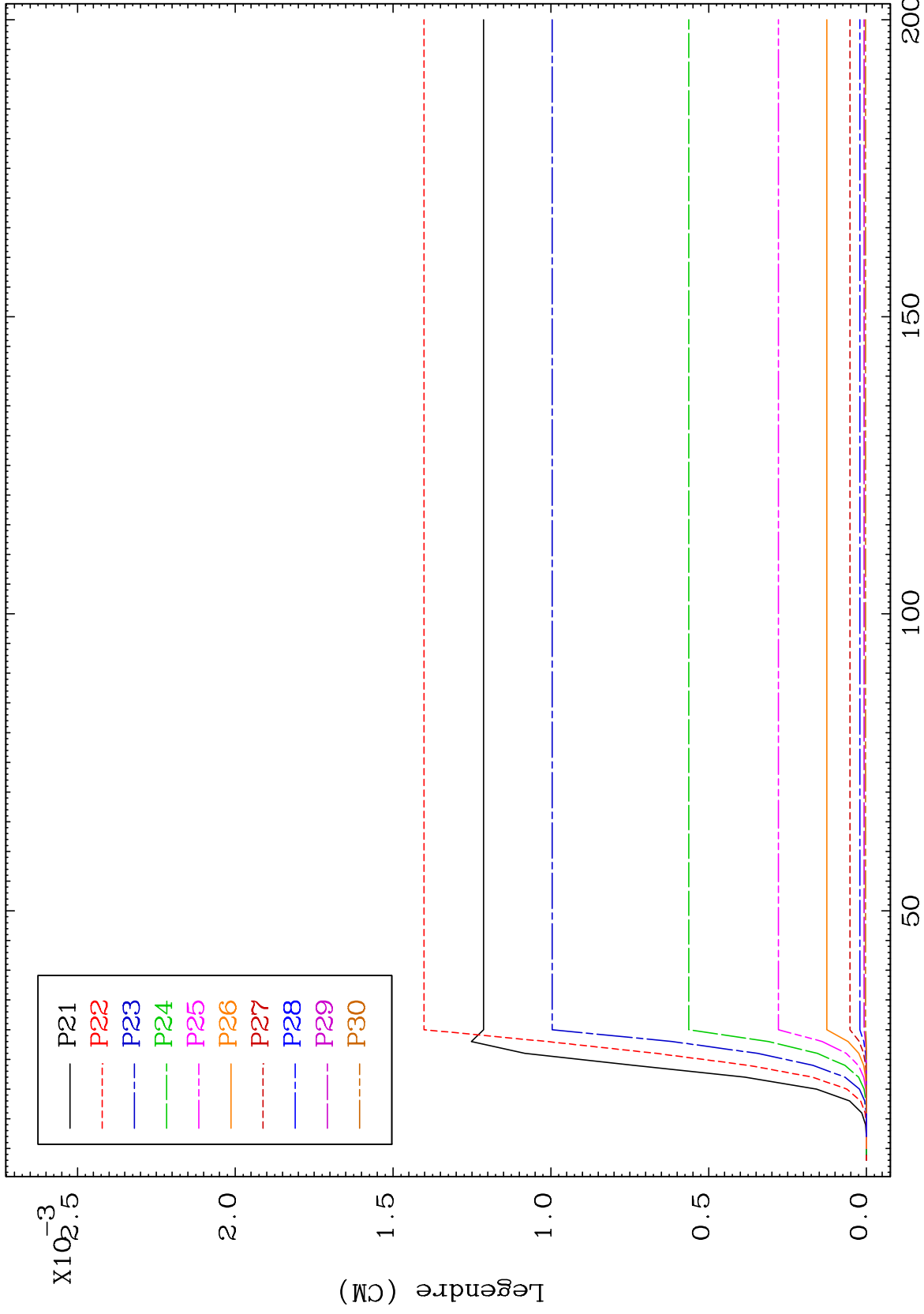
Incident Energy (MeV)

79-Au-189

MAT 7901

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

79-Au-189



74

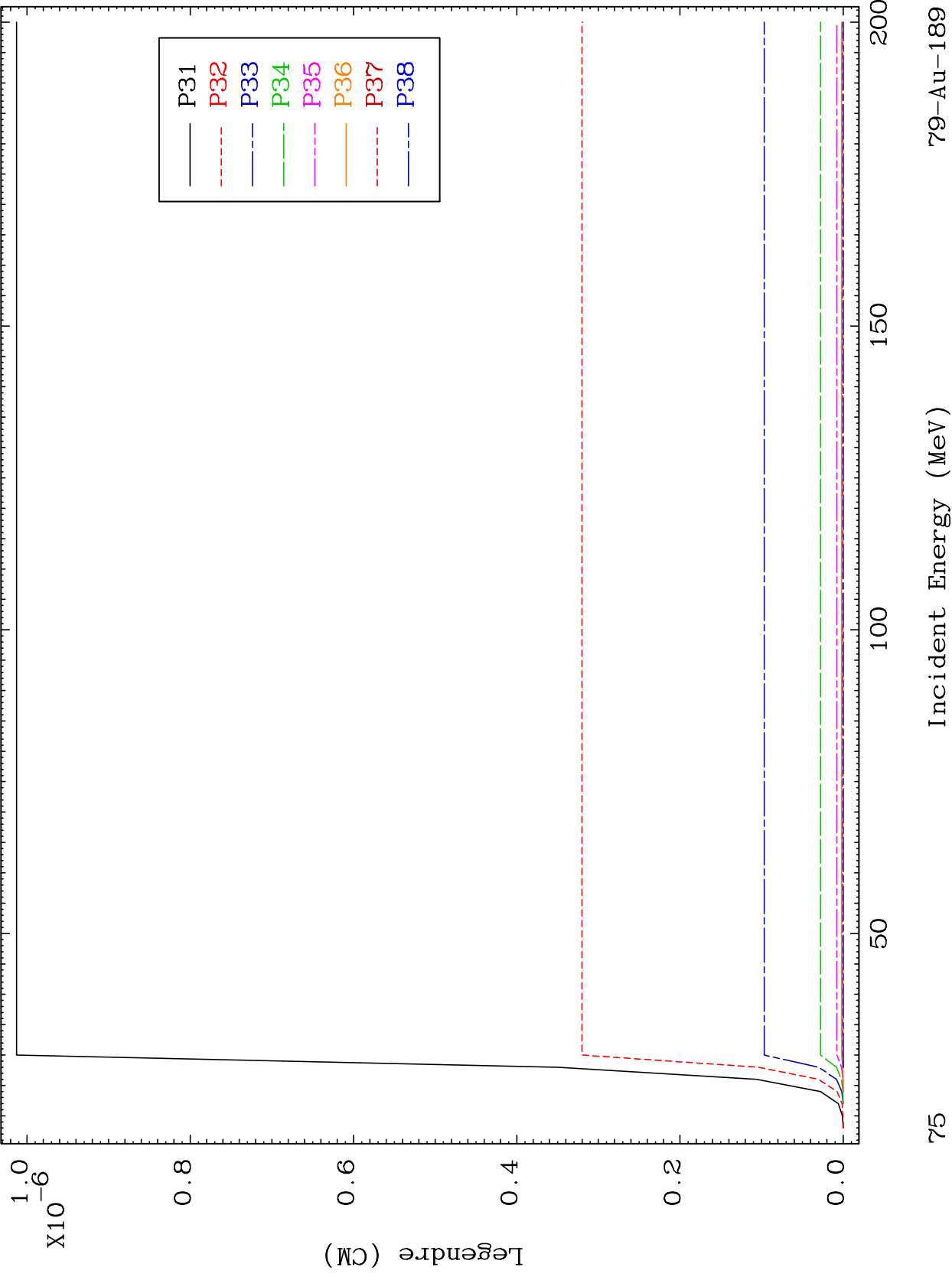
Incident Energy (MeV)

79-Au-189

MAT 7901

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

79-Au-189



75

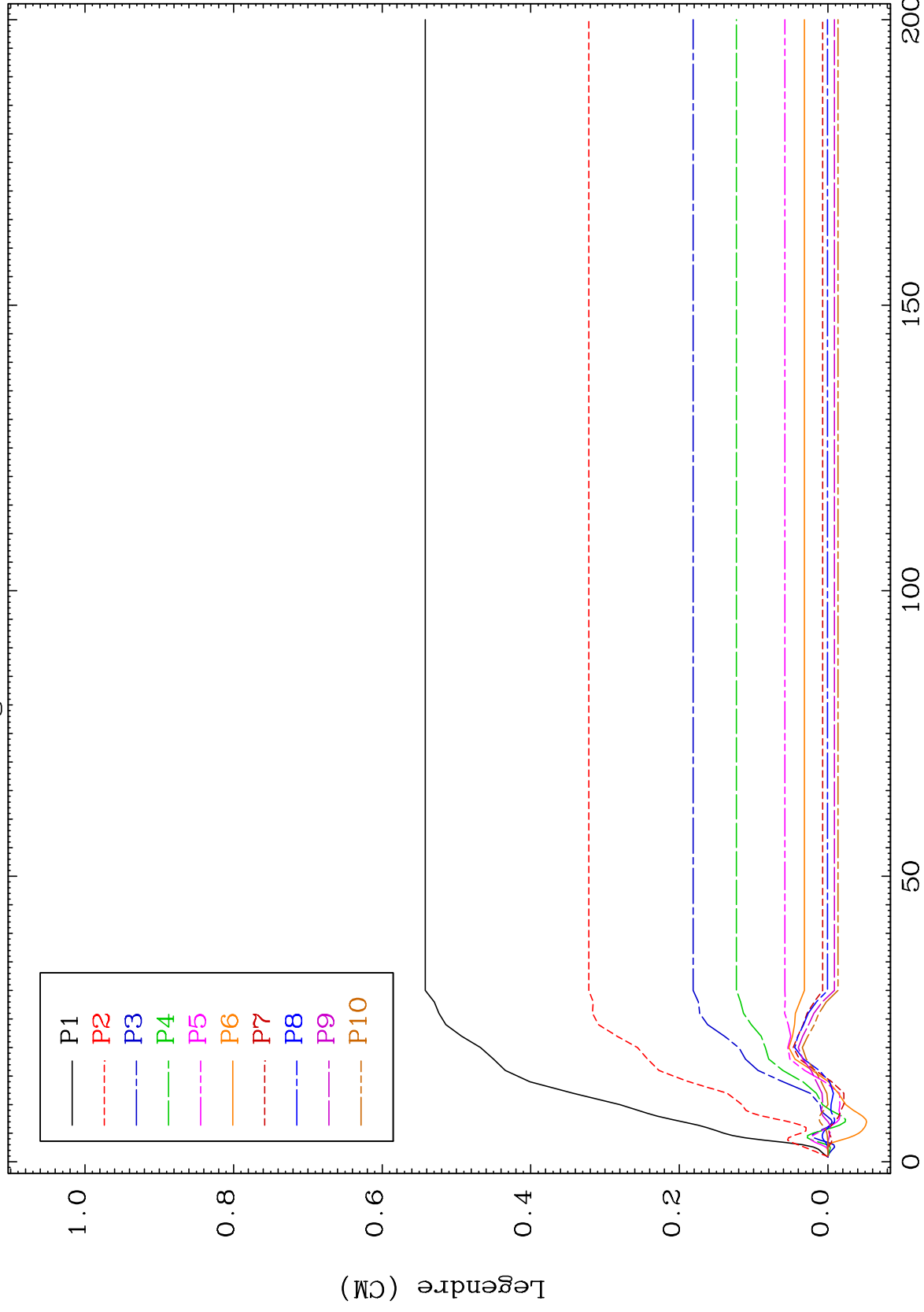
Incident Energy (MeV)

79-Au-189

MAT 7901

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

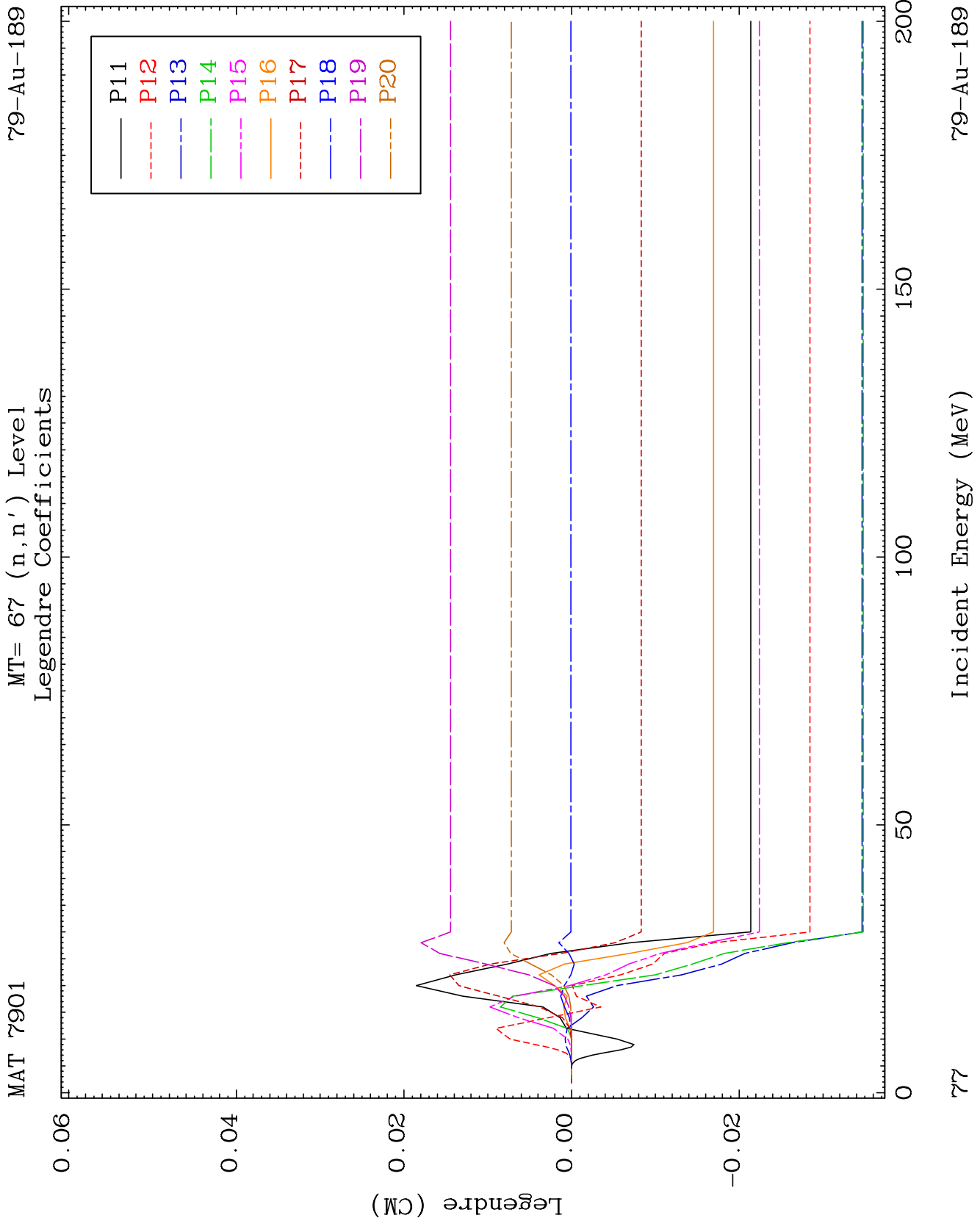
79-Au-189



76

Incident Energy (MeV)

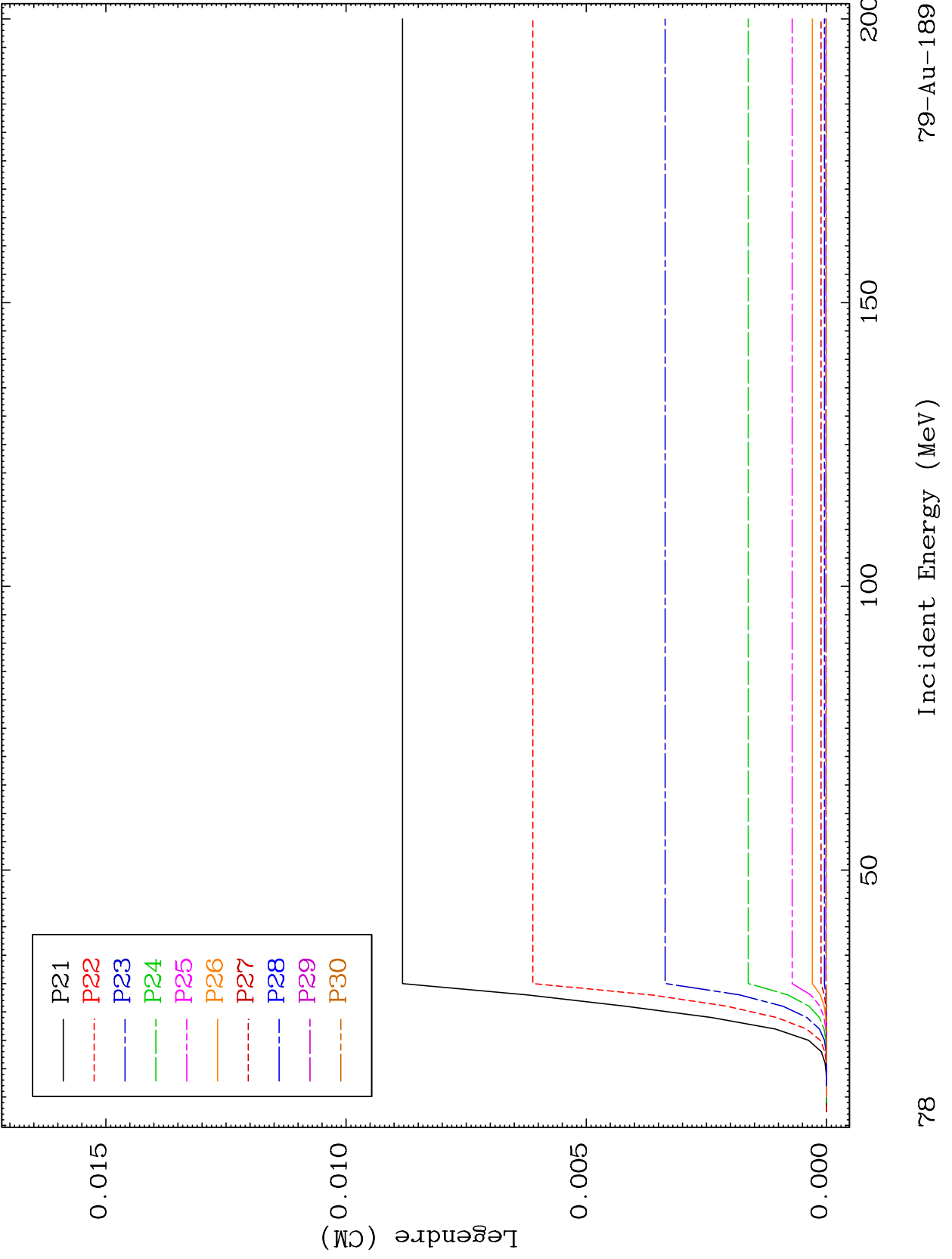
79-Au-189



MAT 7901

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

79-Au-189



78

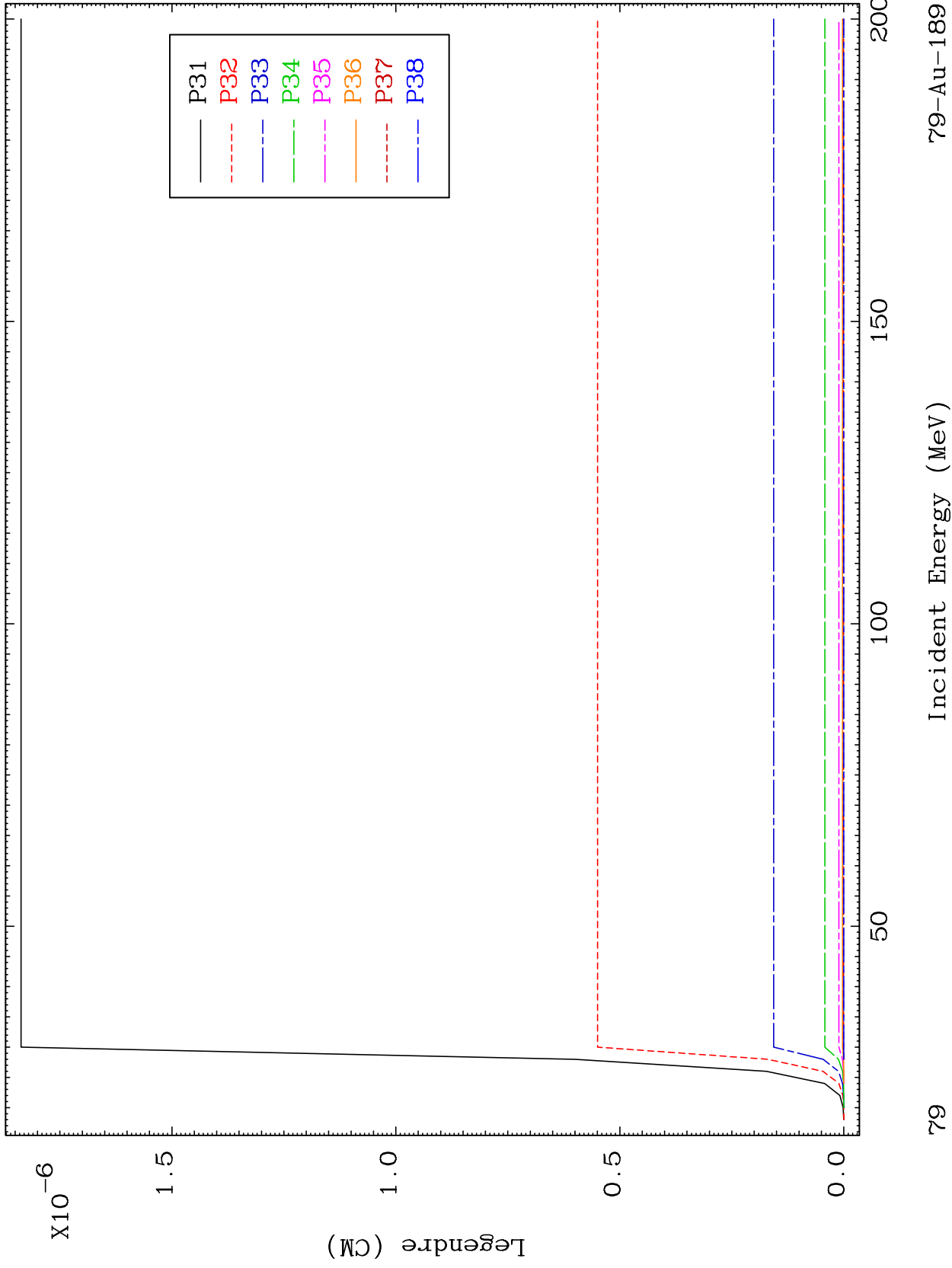
Incident Energy (MeV)

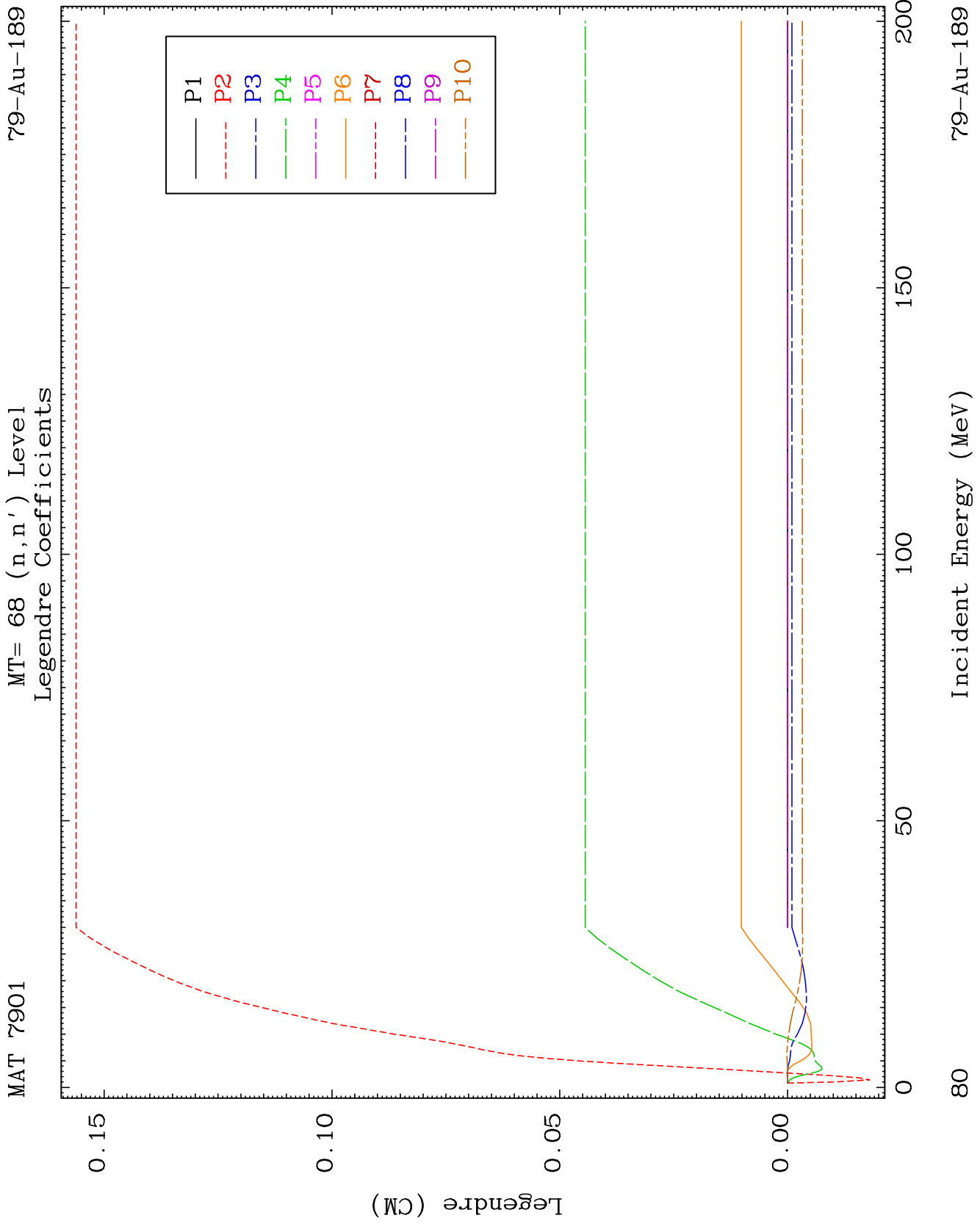
79-Au-189

MAT 7901

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

79-Au-189

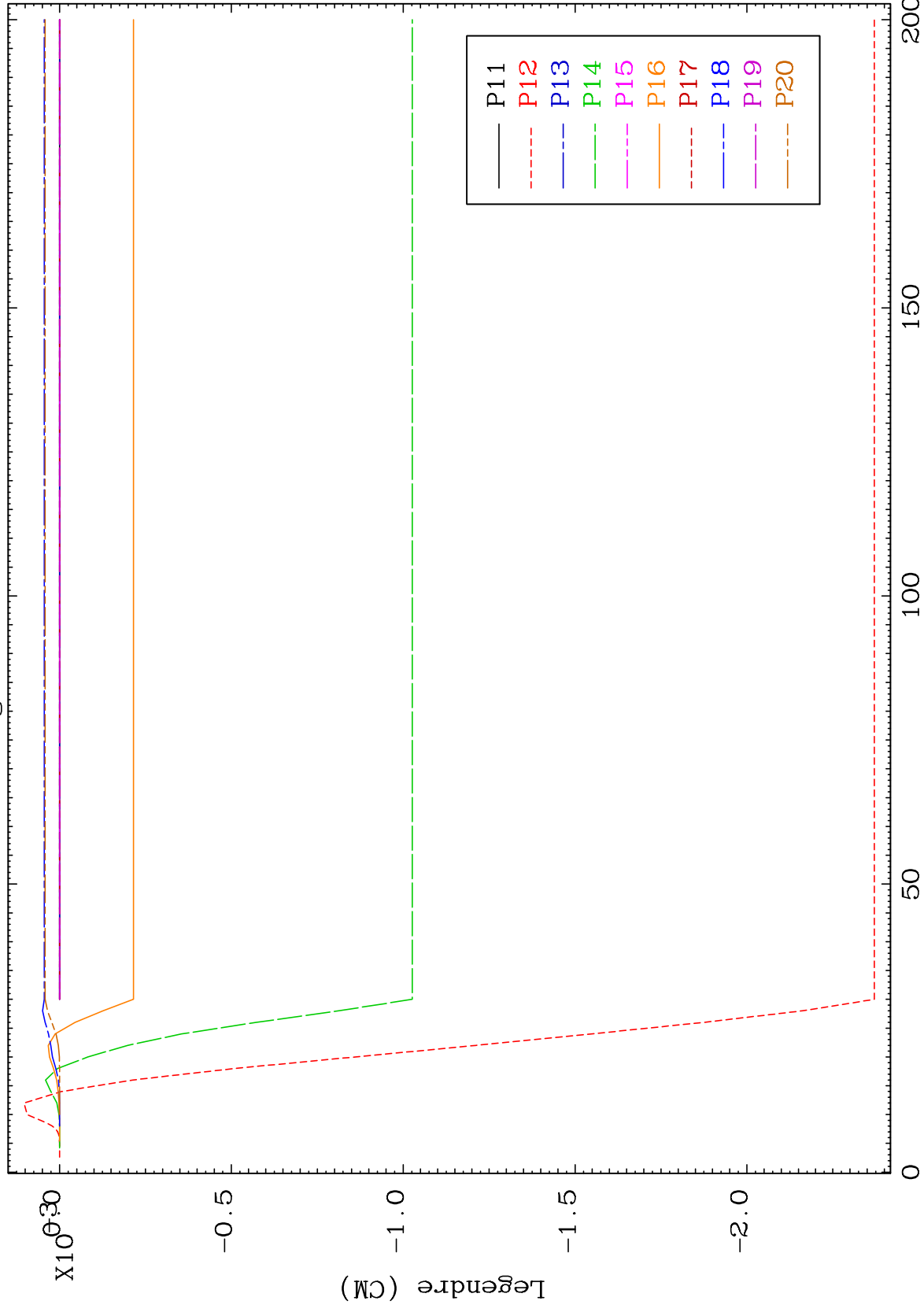




MAT 7901

79-Au-189

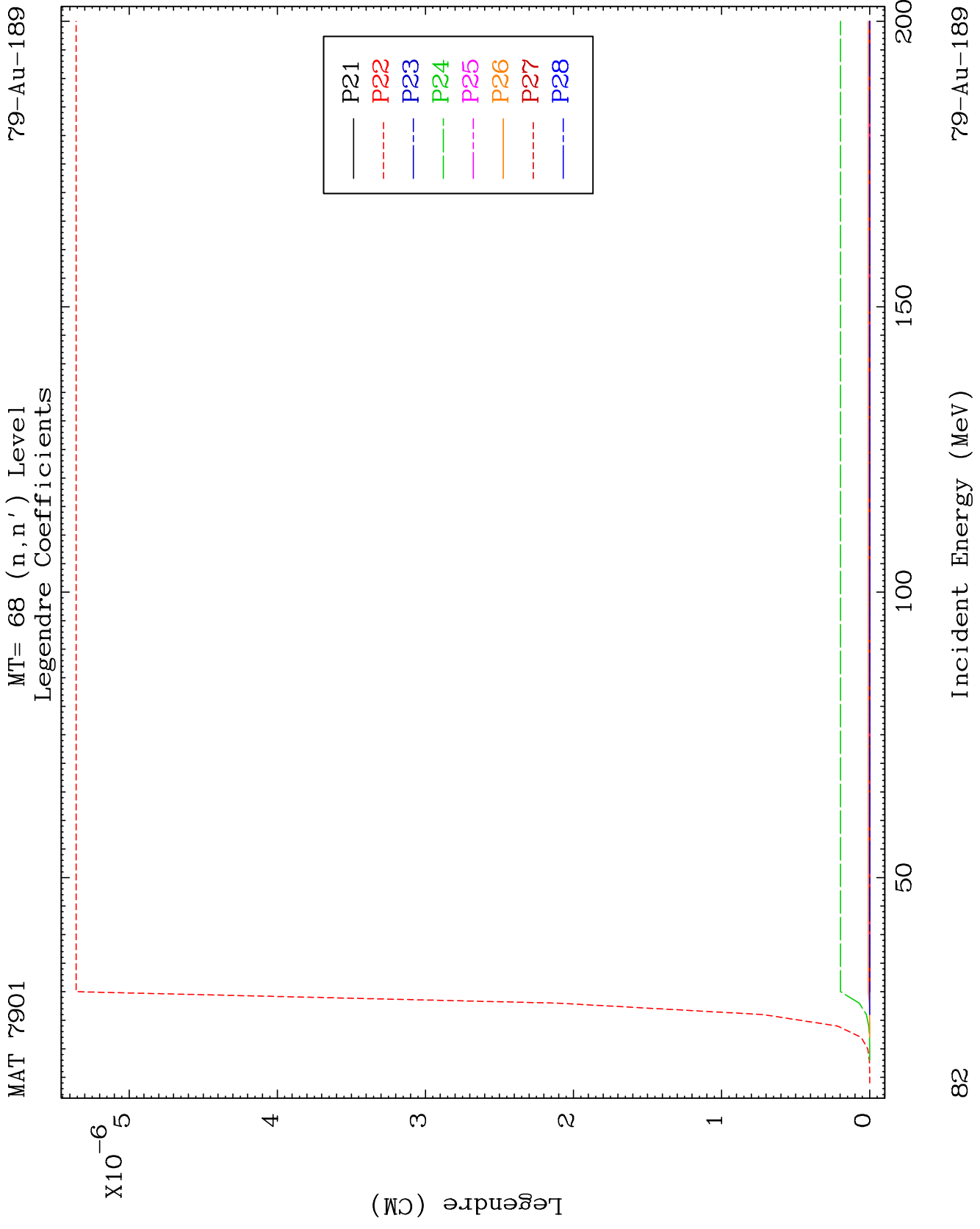
MT= 68 (n,n') Level
Legendre Coefficients



81

Incident Energy (MeV)

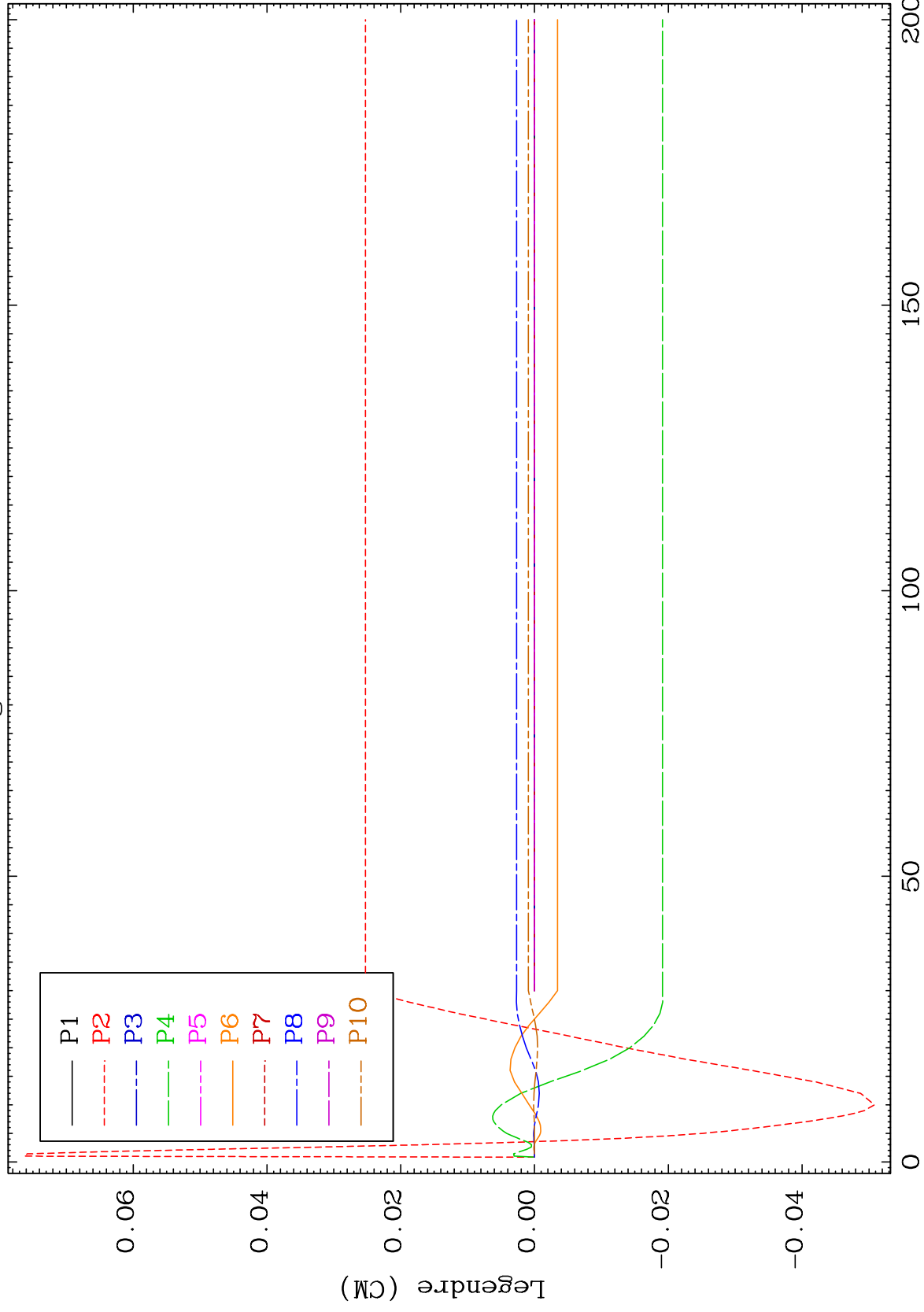
79-Au-189



MAT 7901

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

79-Au-189



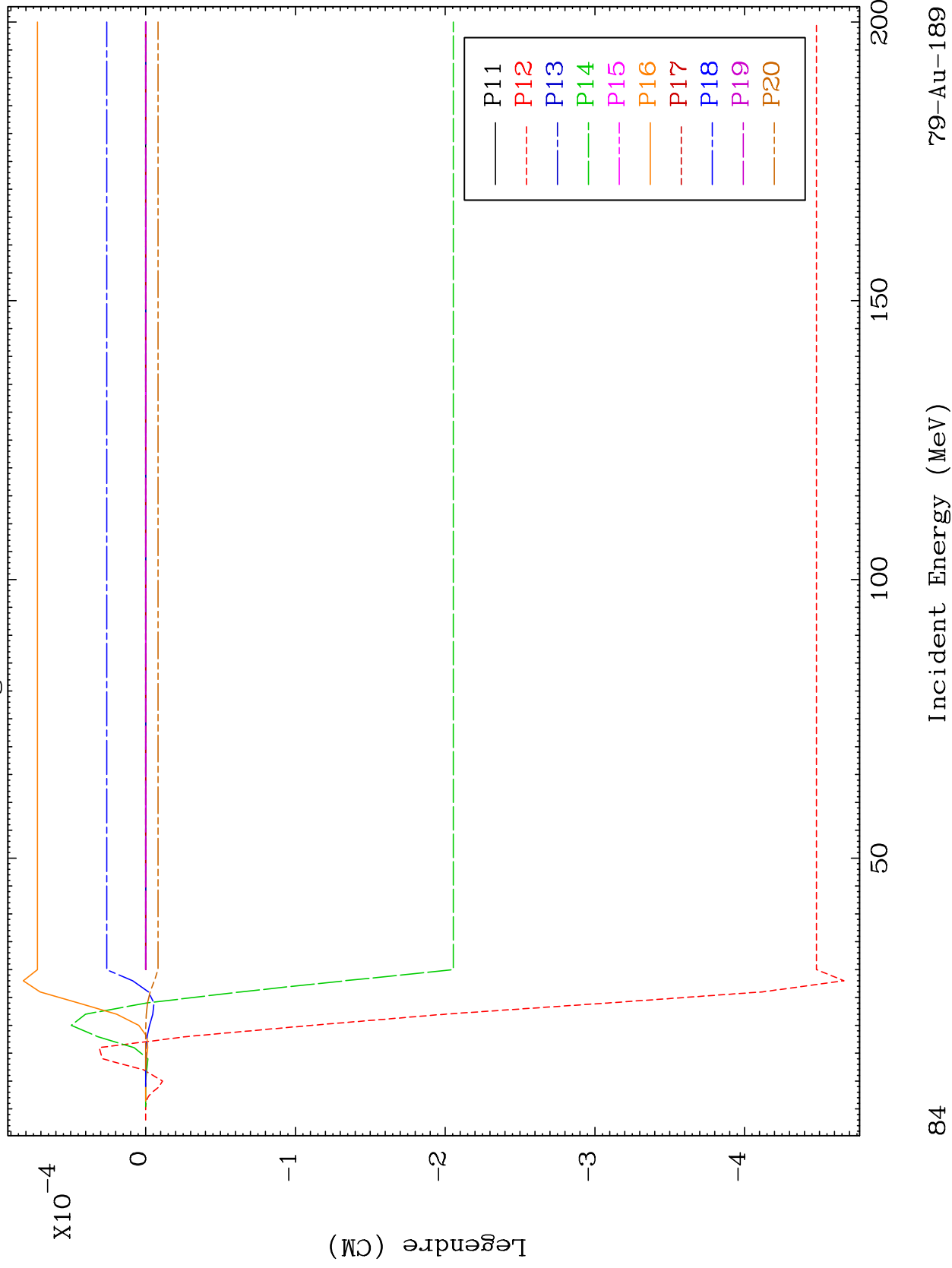
83

79-Au-189

MAT 7901

79-Au-189

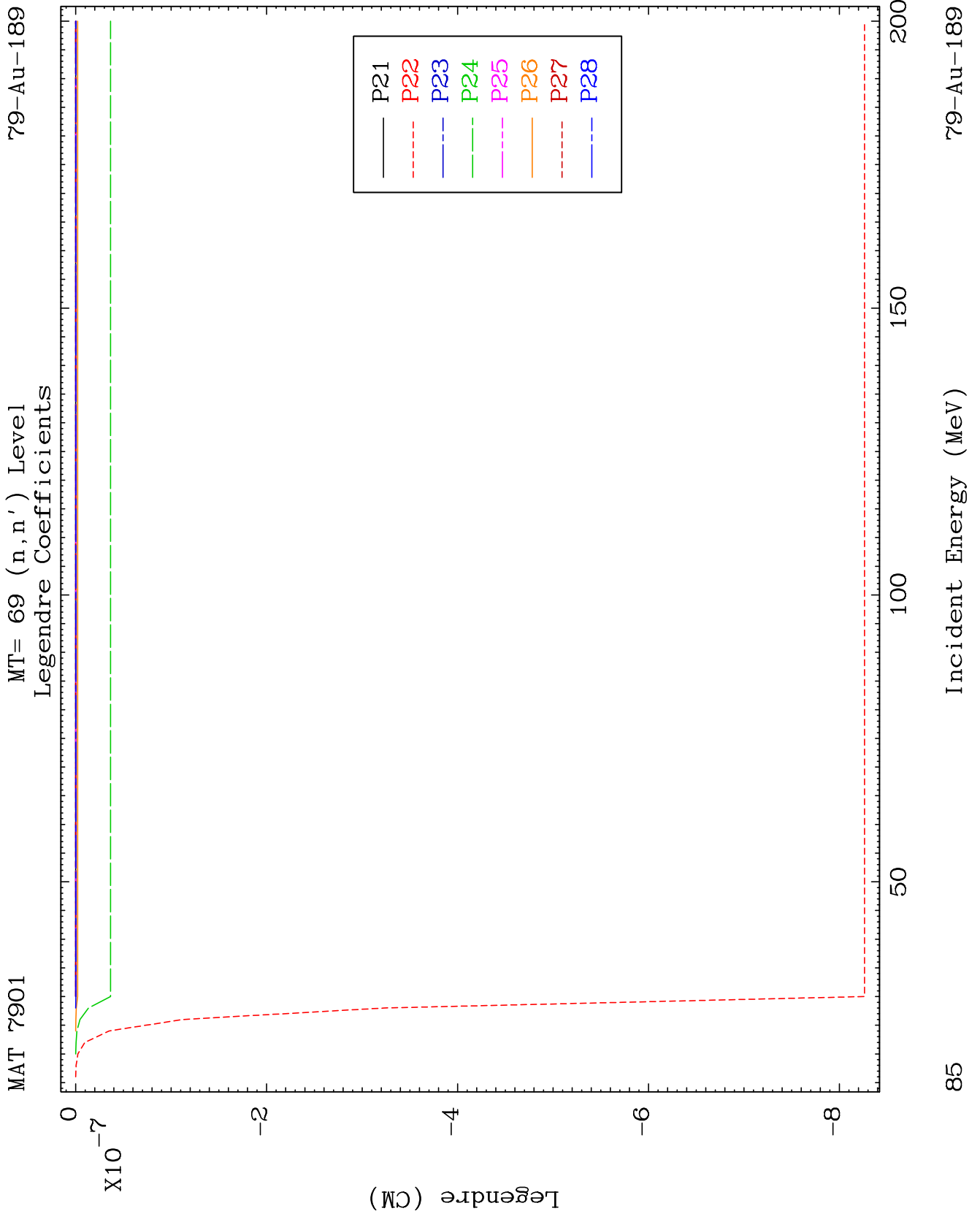
MT= 69 (n,n') Level
Legendre Coefficients

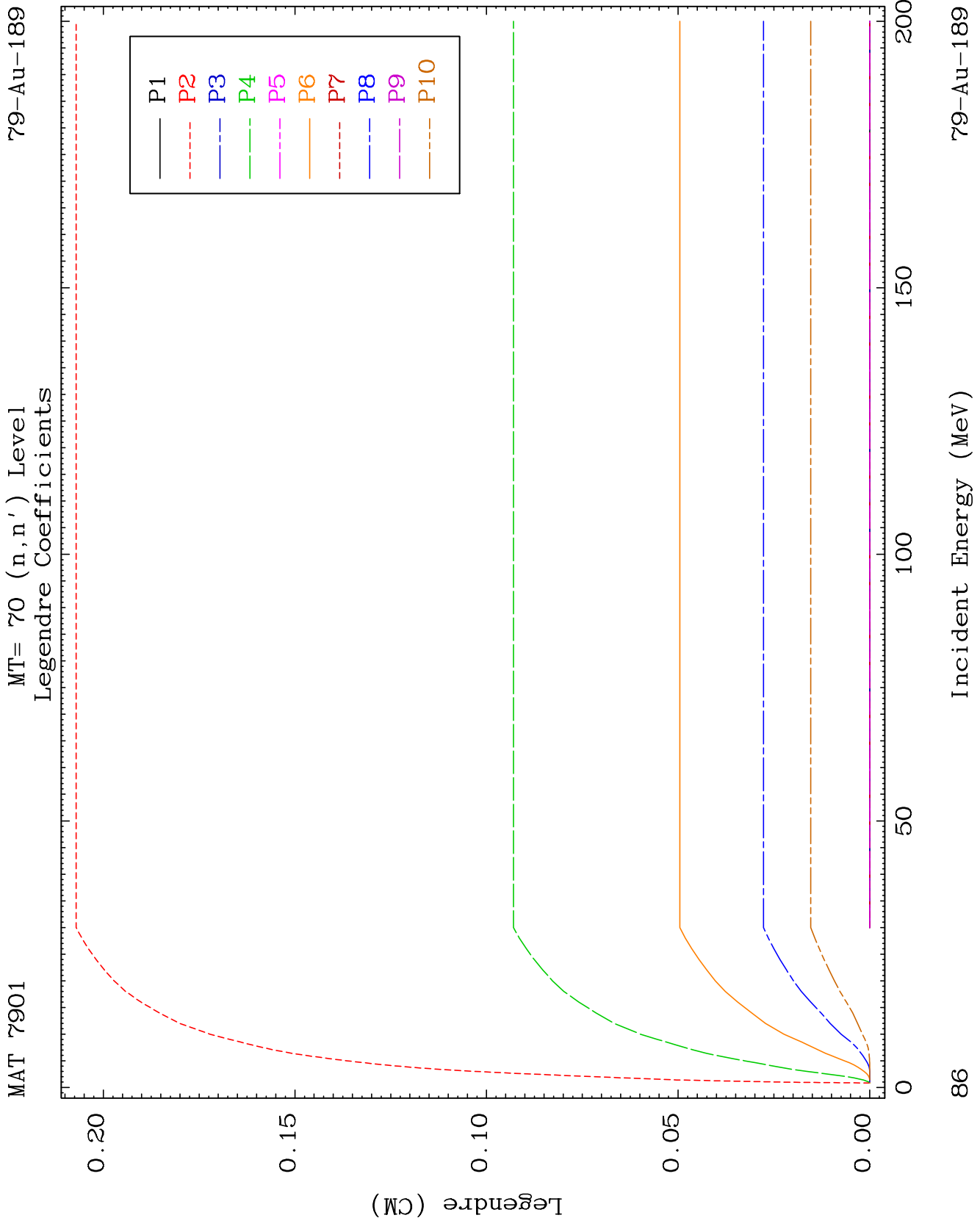


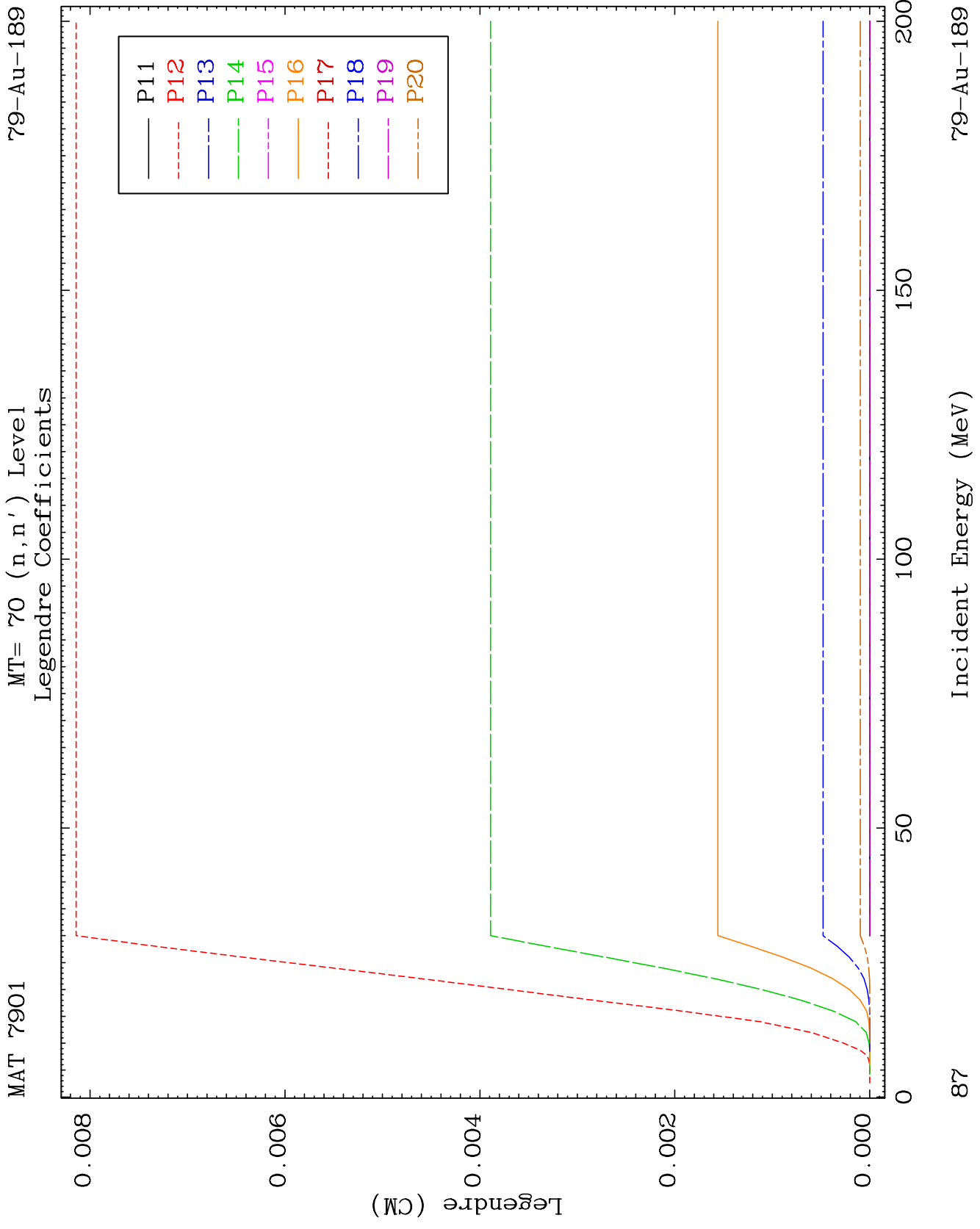
84

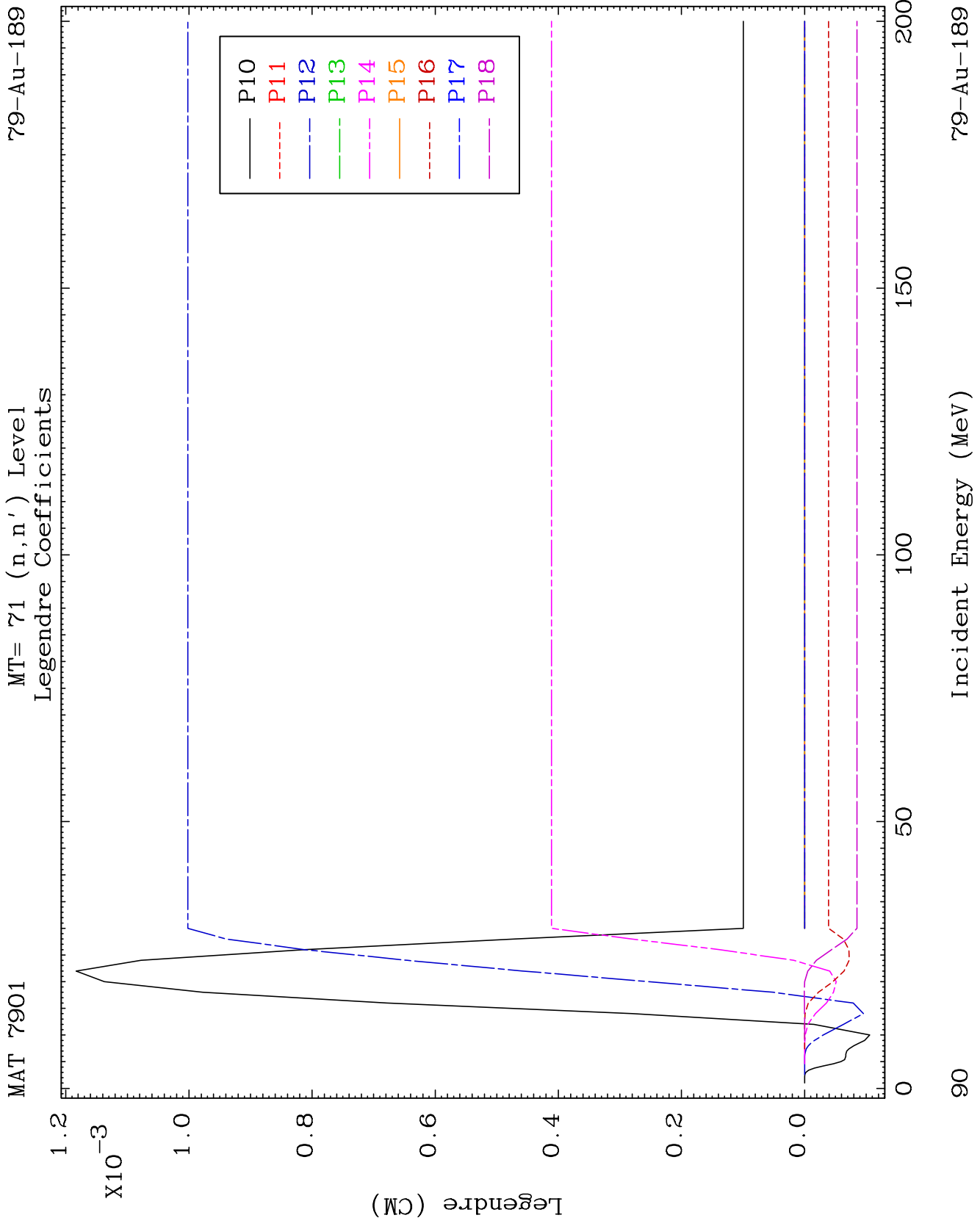
Incident Energy (MeV)

79-Au-189





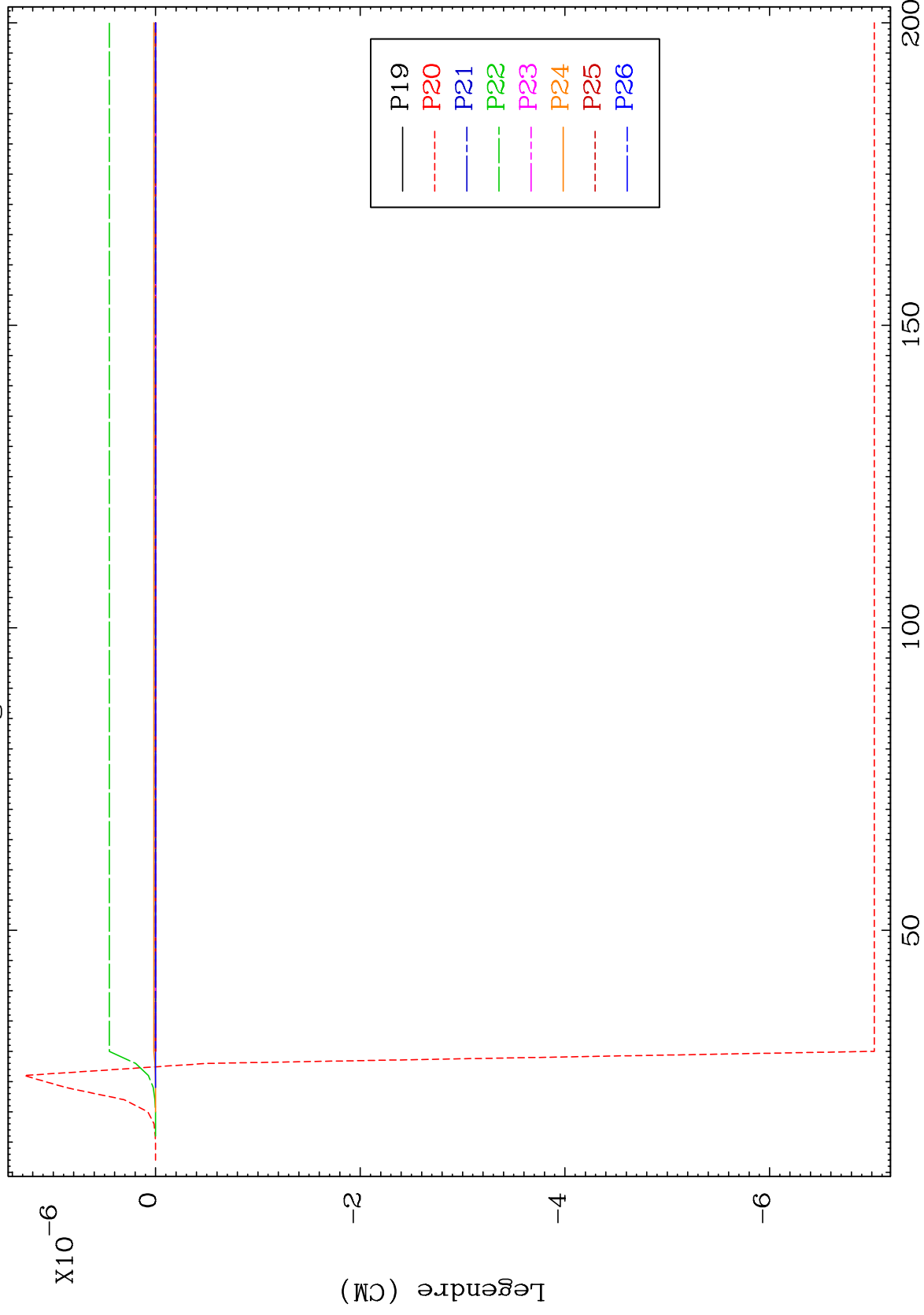




MAT 7901

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

79-Au-189



91

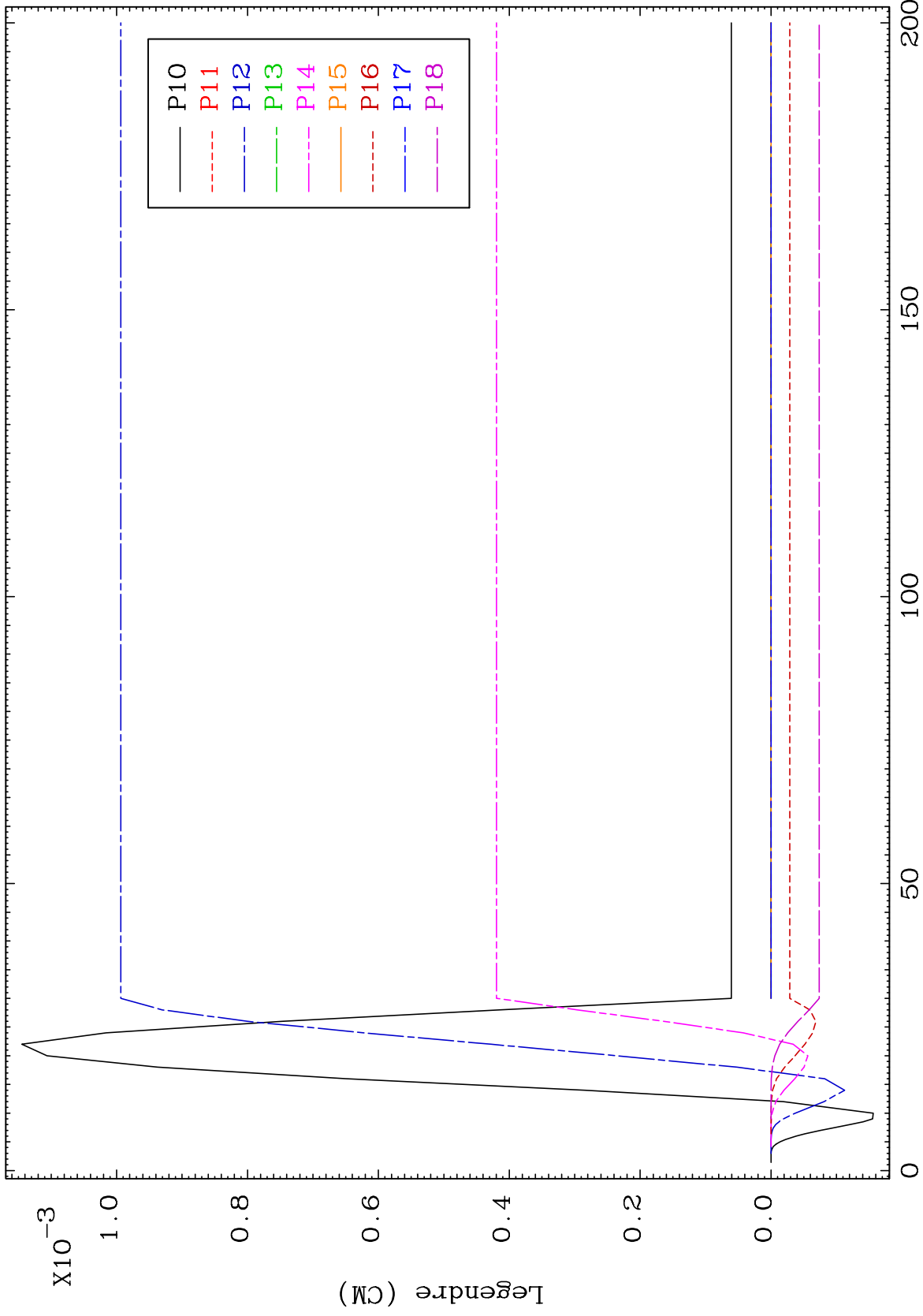
Incident Energy (MeV)

79-Au-189

MAT 7901

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

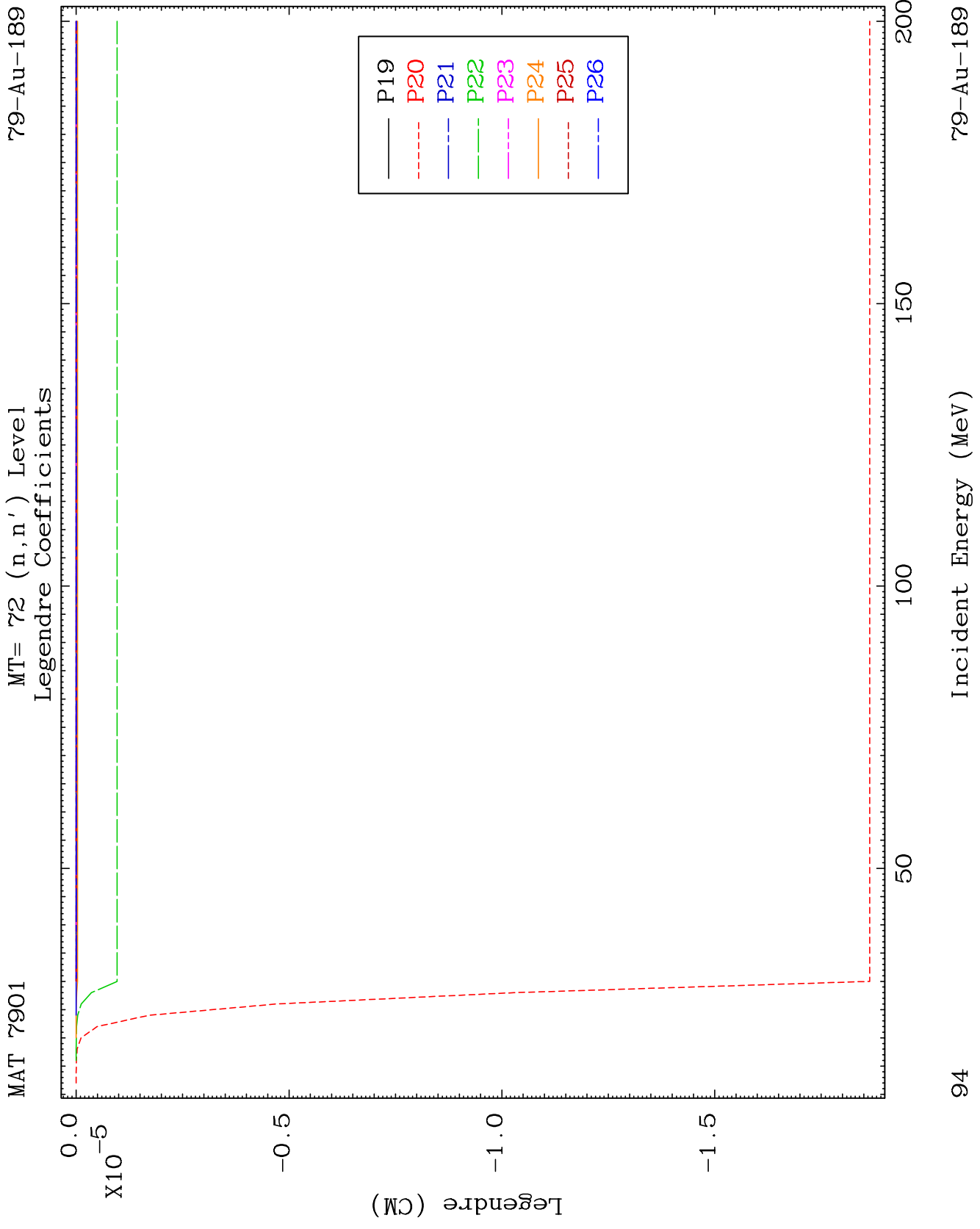
79-Au-189

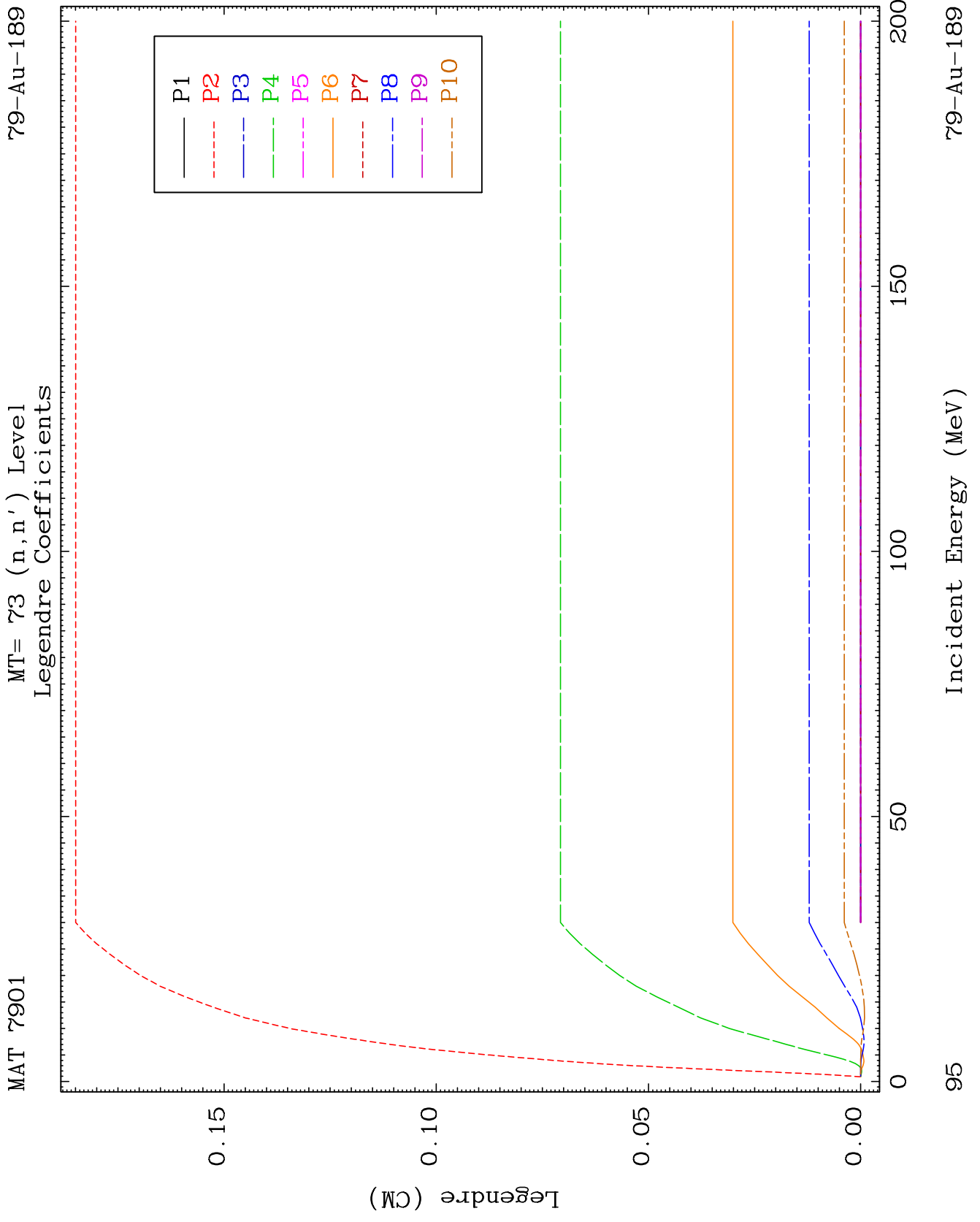


93

Incident Energy (MeV)

79-Au-189

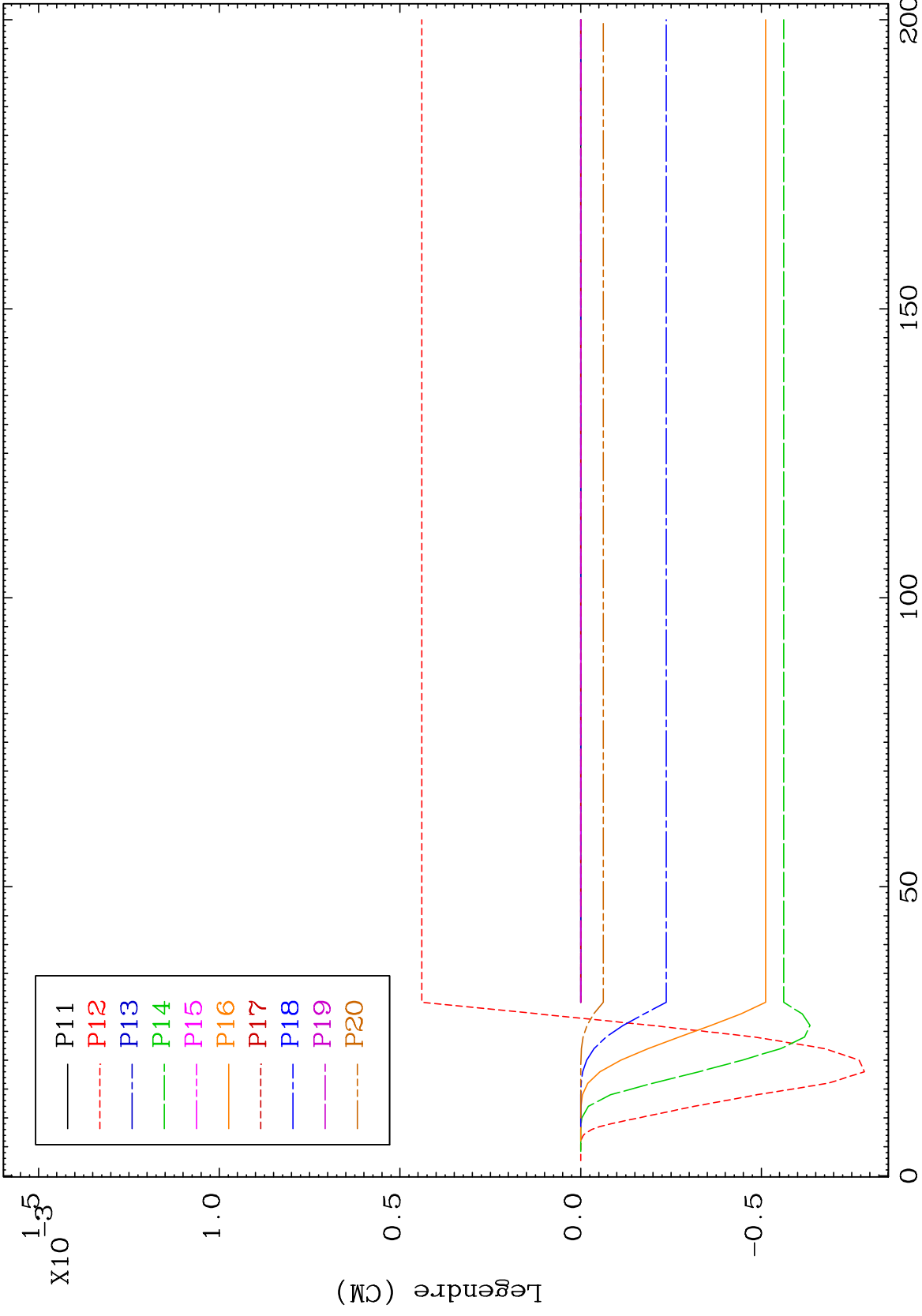




MAT 7901

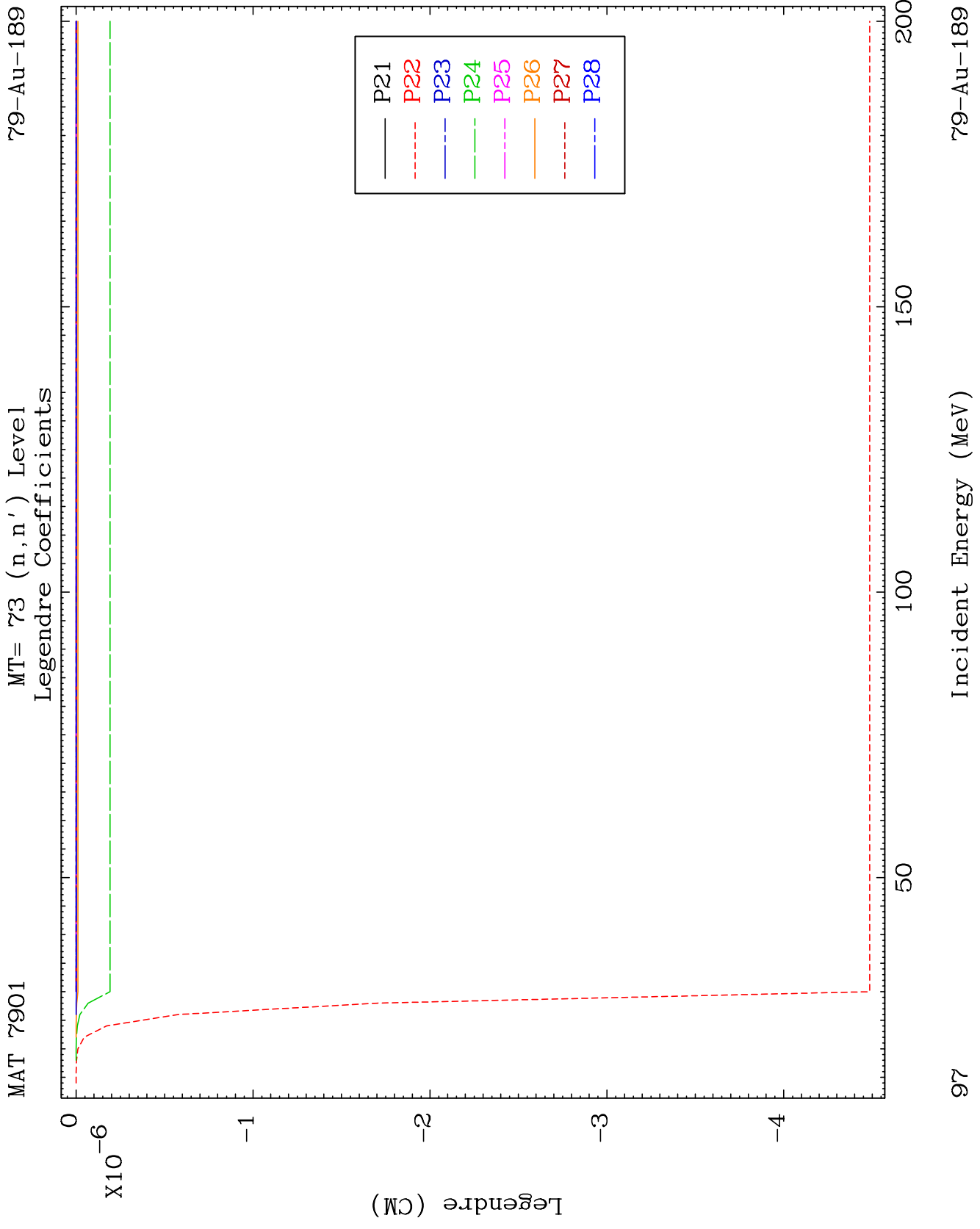
MT= 73 (n,n') Level
Legendre Coefficients

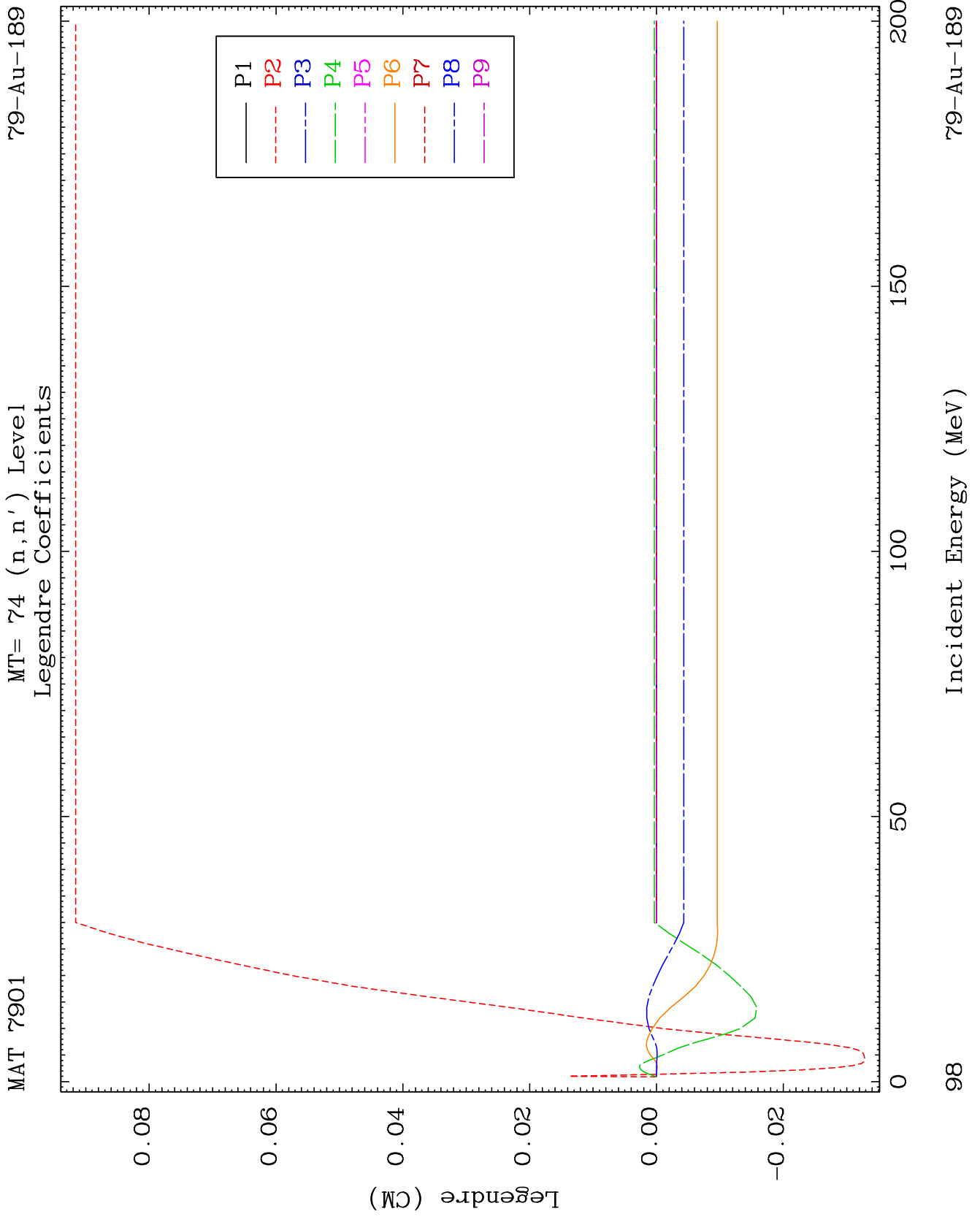
79-Au-189



96

79-Au-189

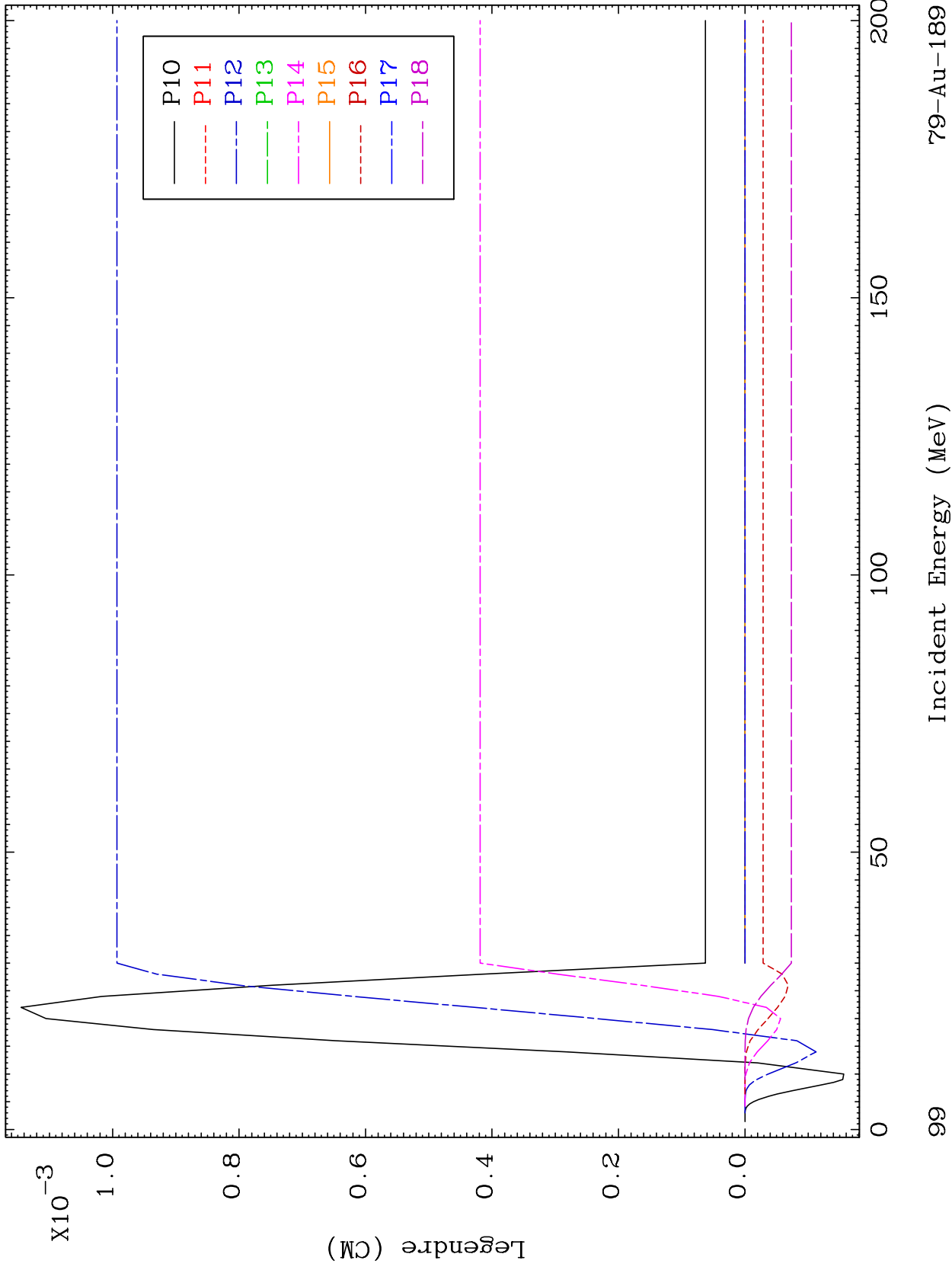




MAT 7901

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

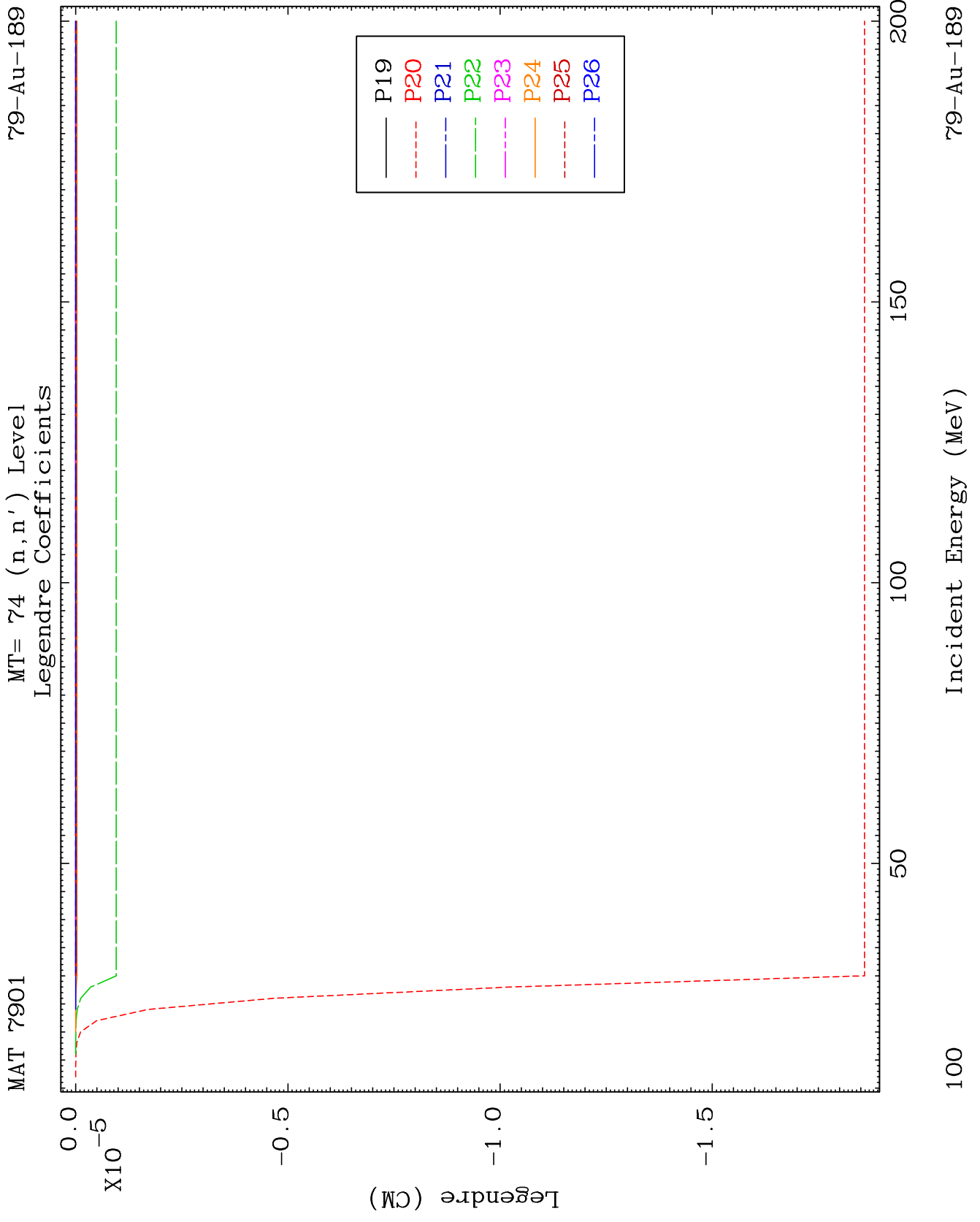
79-Au-189



99

Incident Energy (MeV)

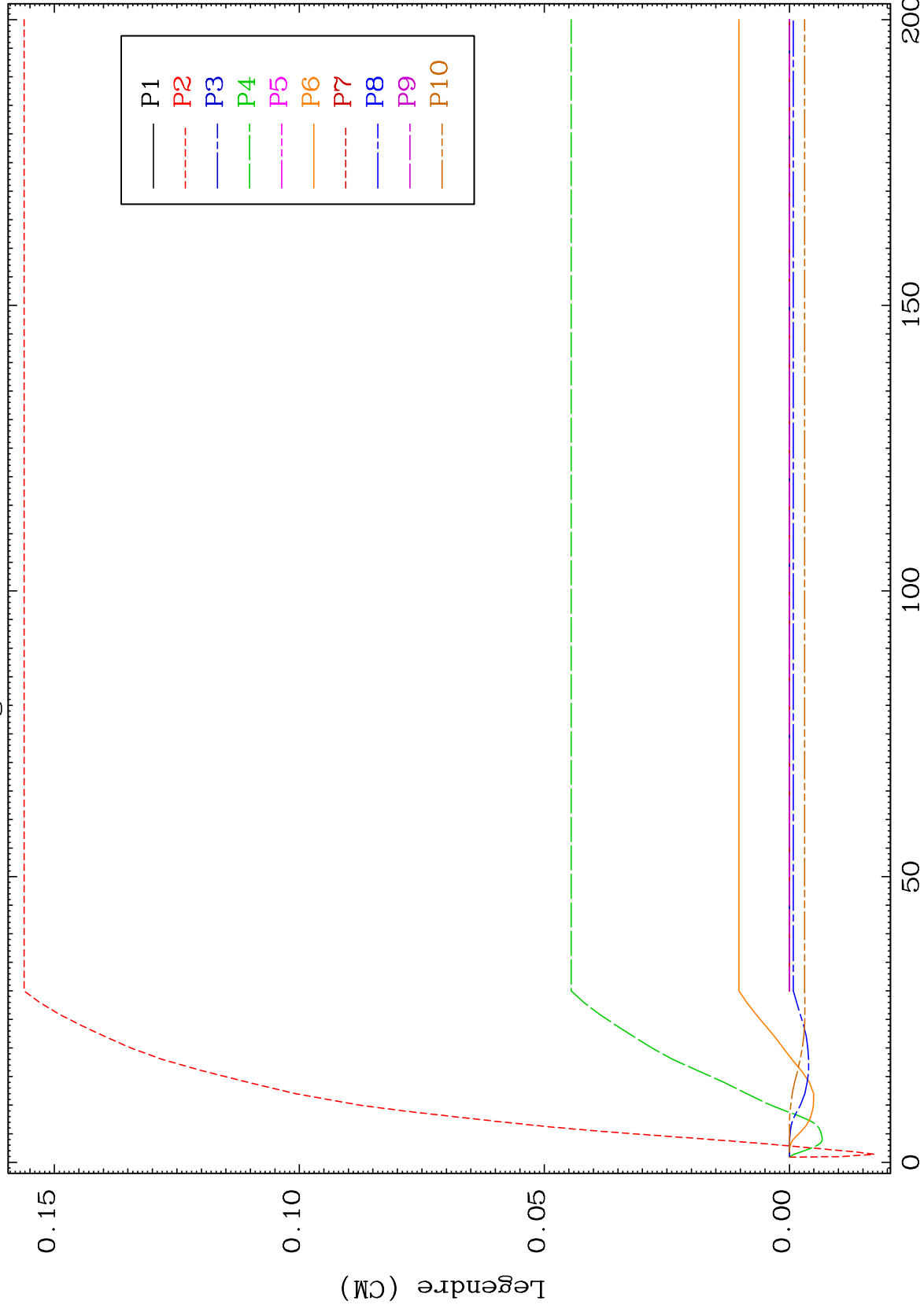
79-Au-189



MAT 7901

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

79-Au-189



101

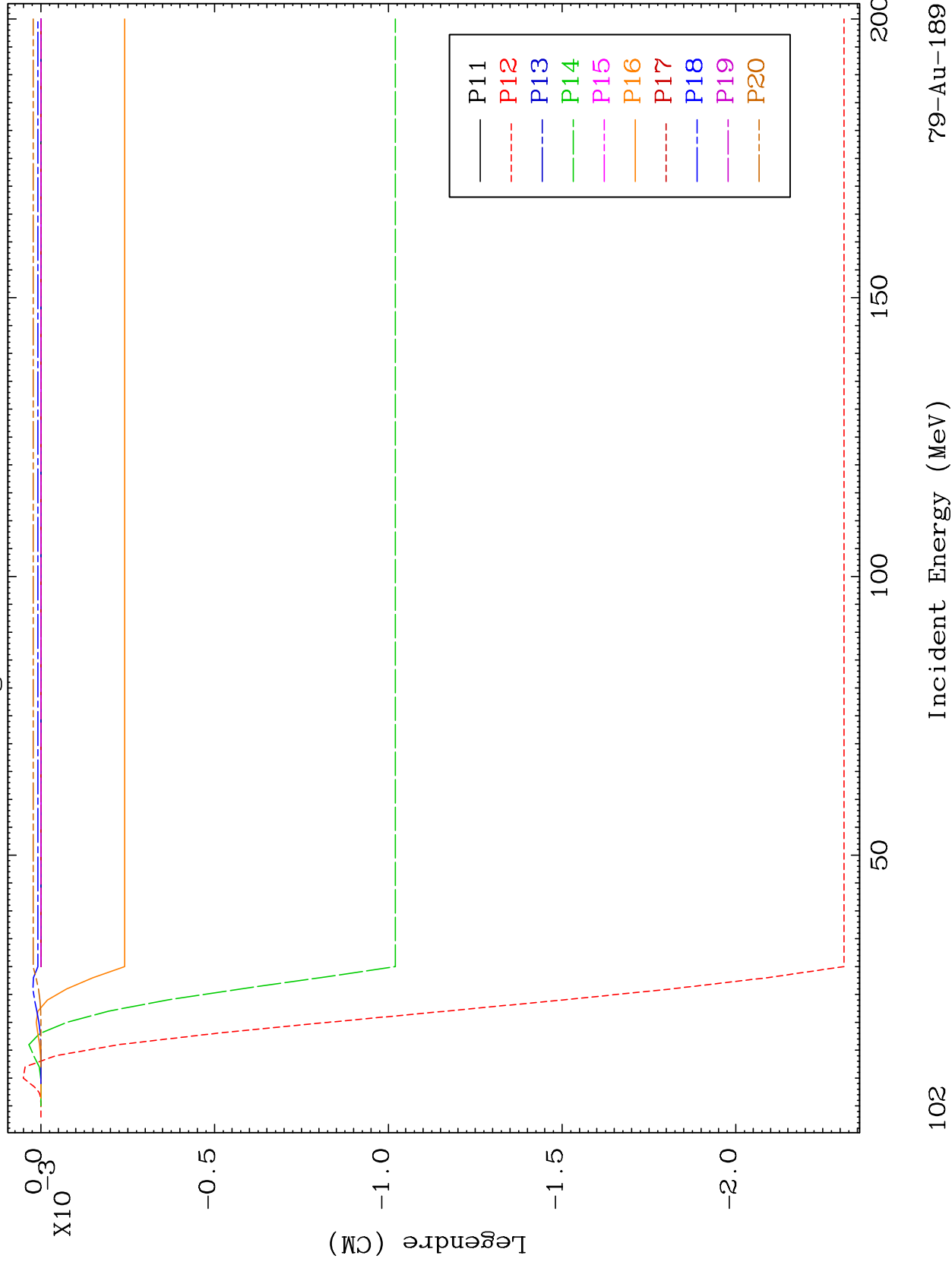
Incident Energy (MeV)

79-Au-189

MAT 7901

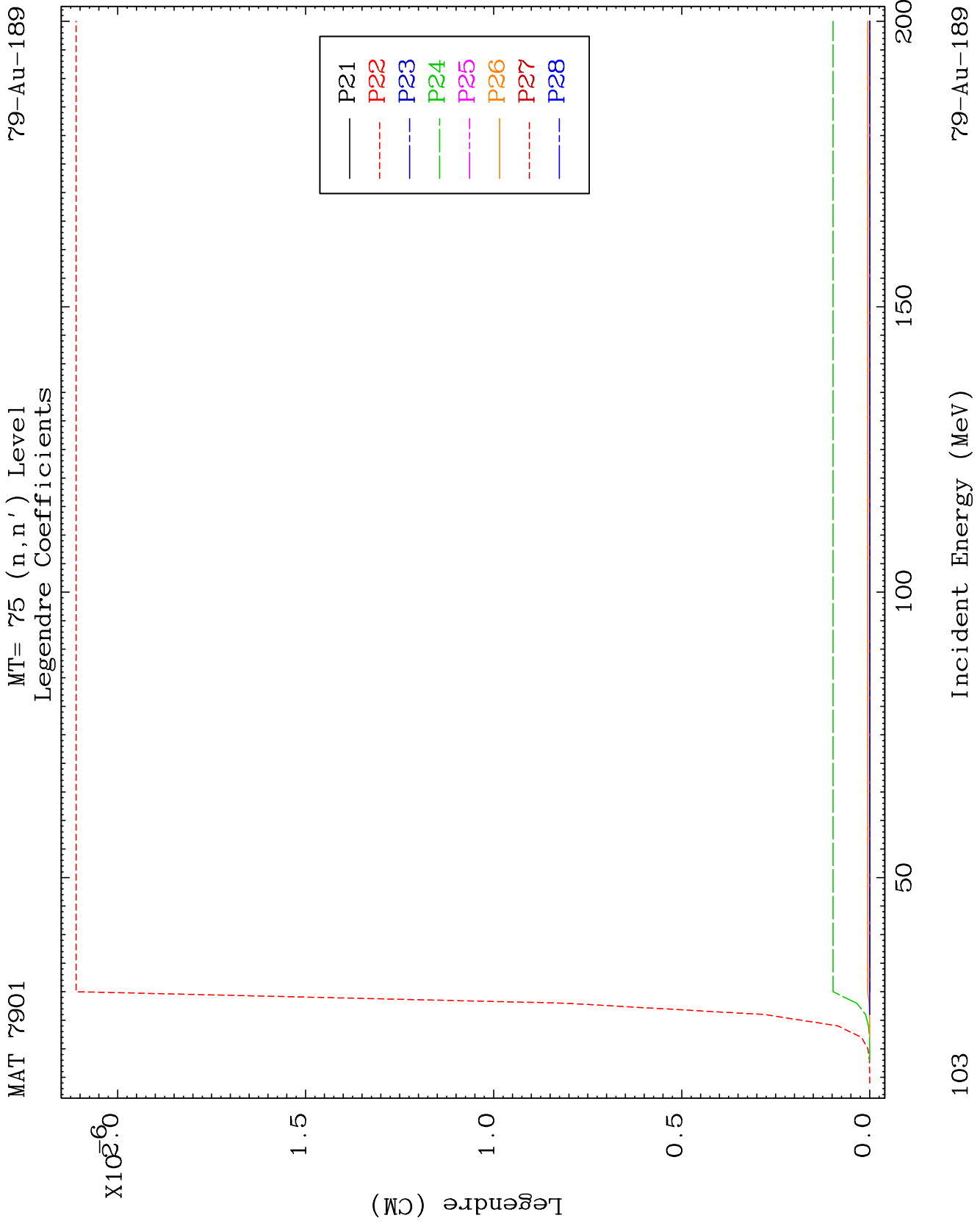
79-Au-189

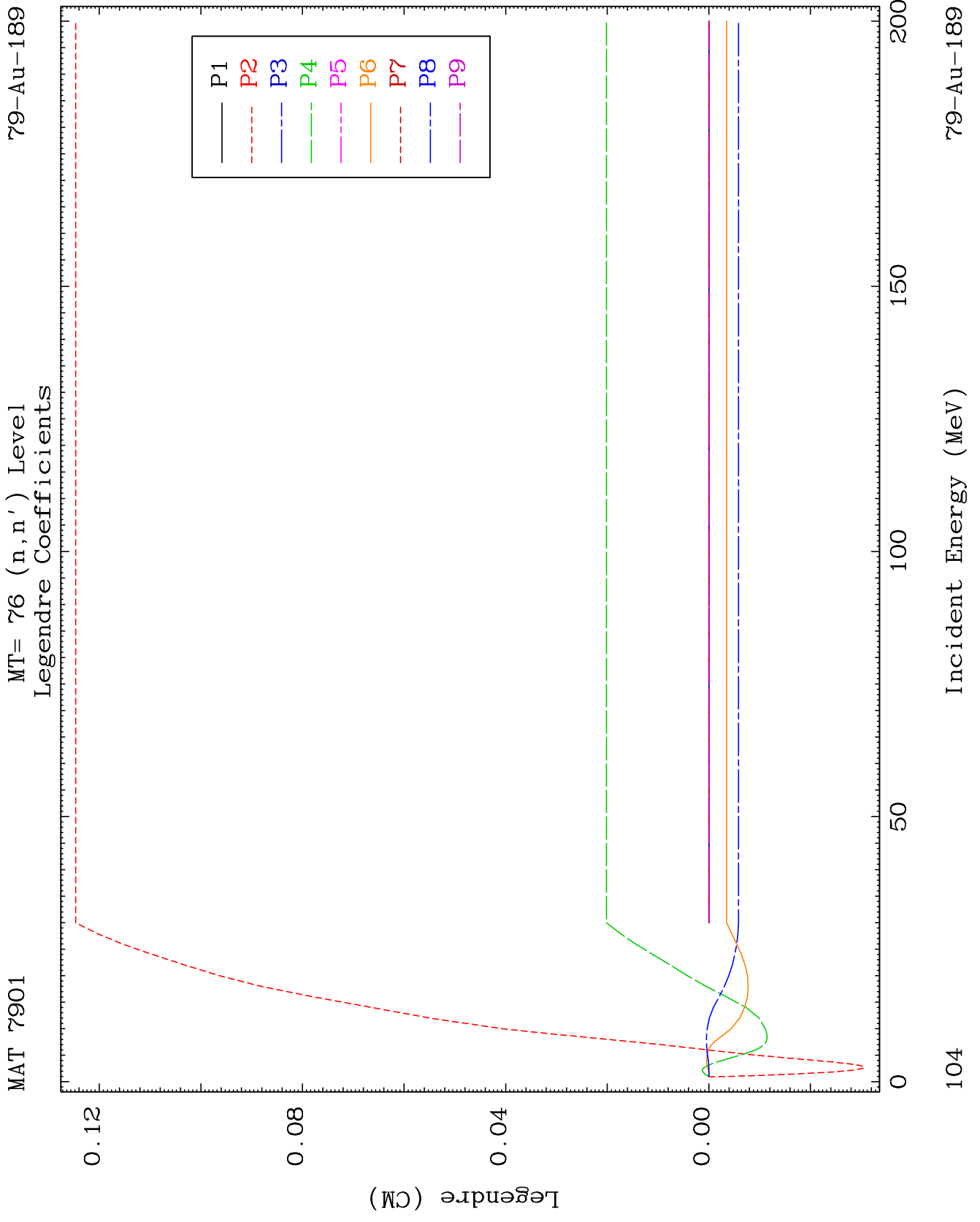
MT= 75 (n,n') Level
Legendre Coefficients



102

79-Au-189

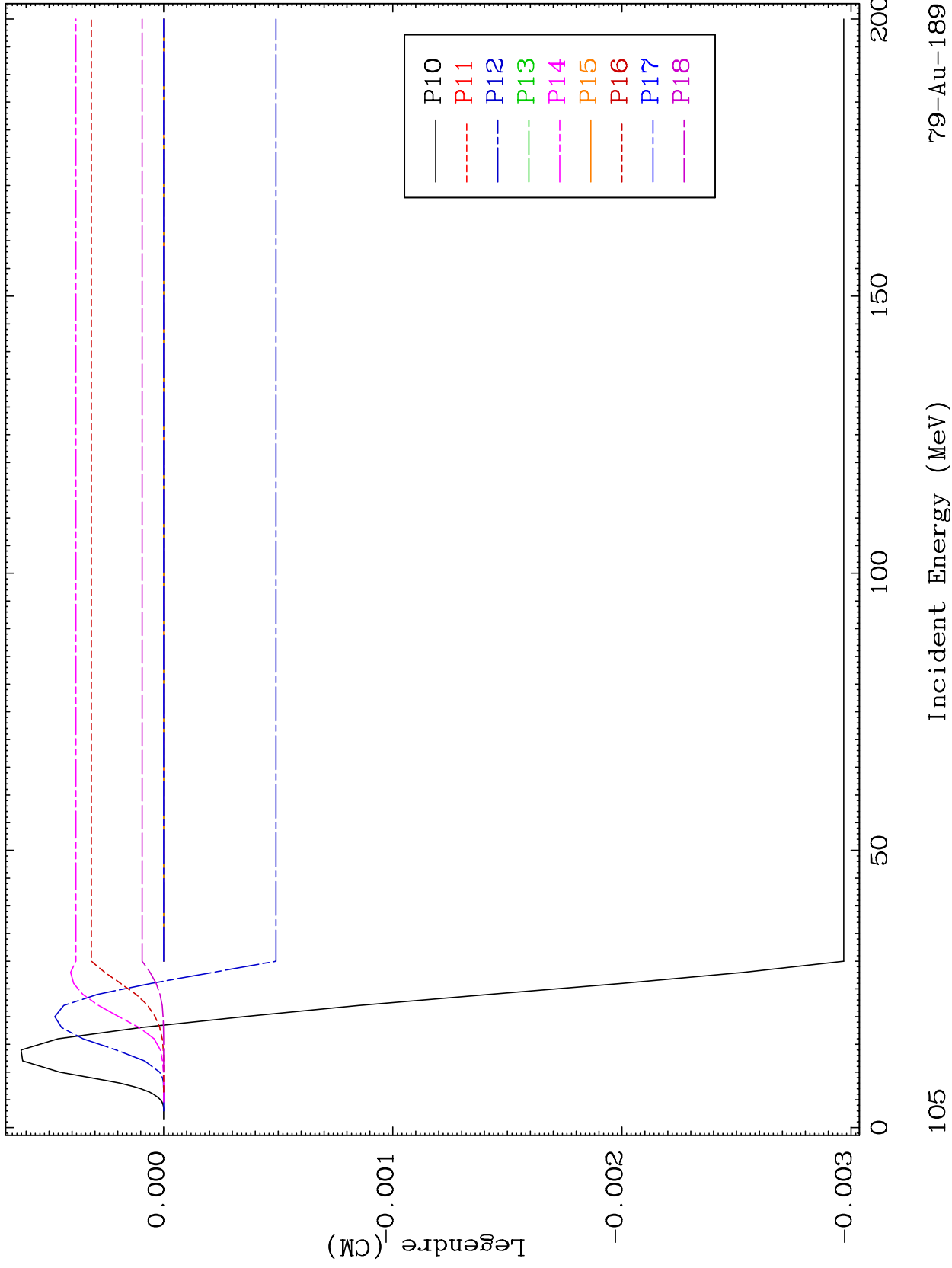




MAT 7901

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

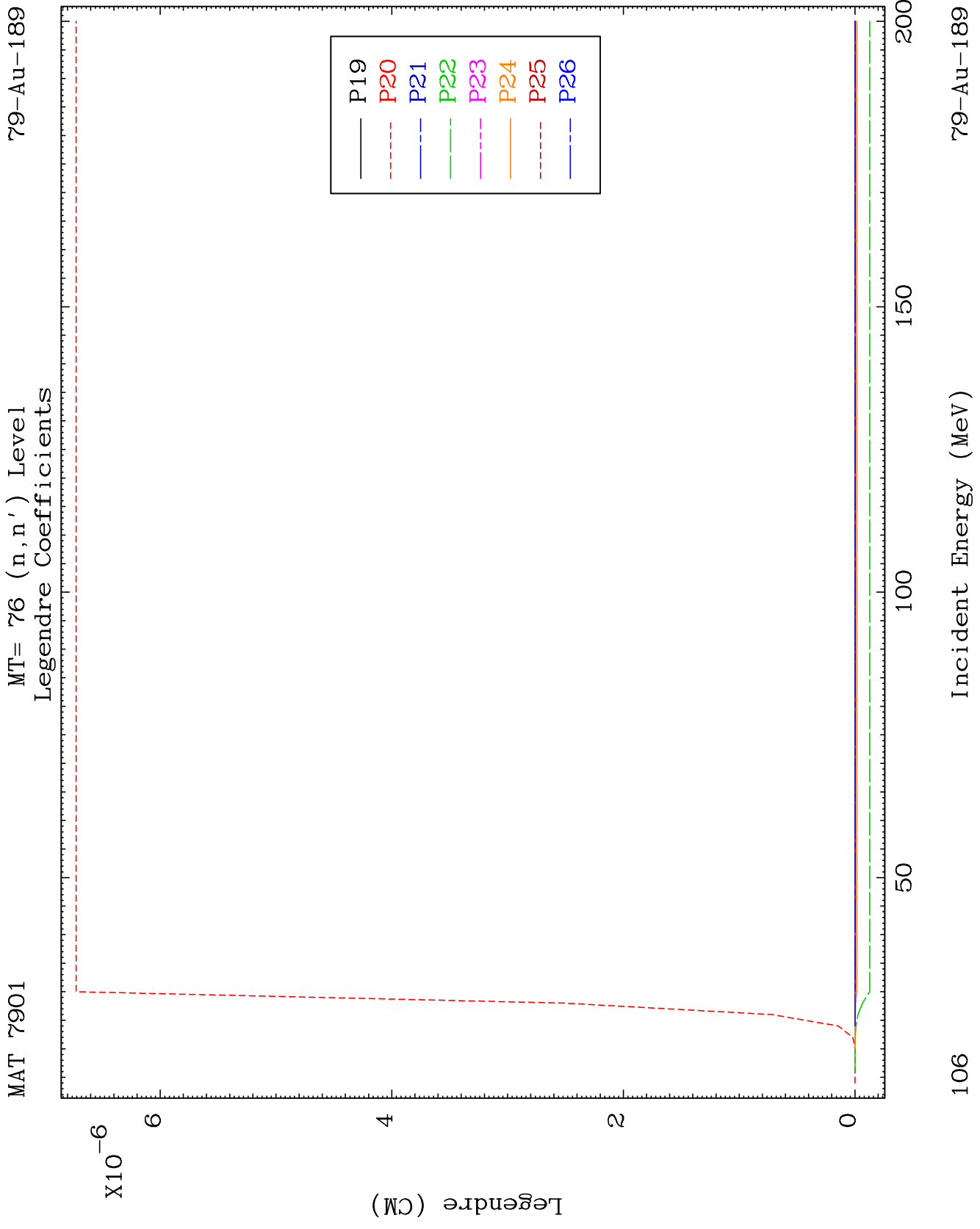
79-Au-189



79-Au-189

Incident Energy (MeV)

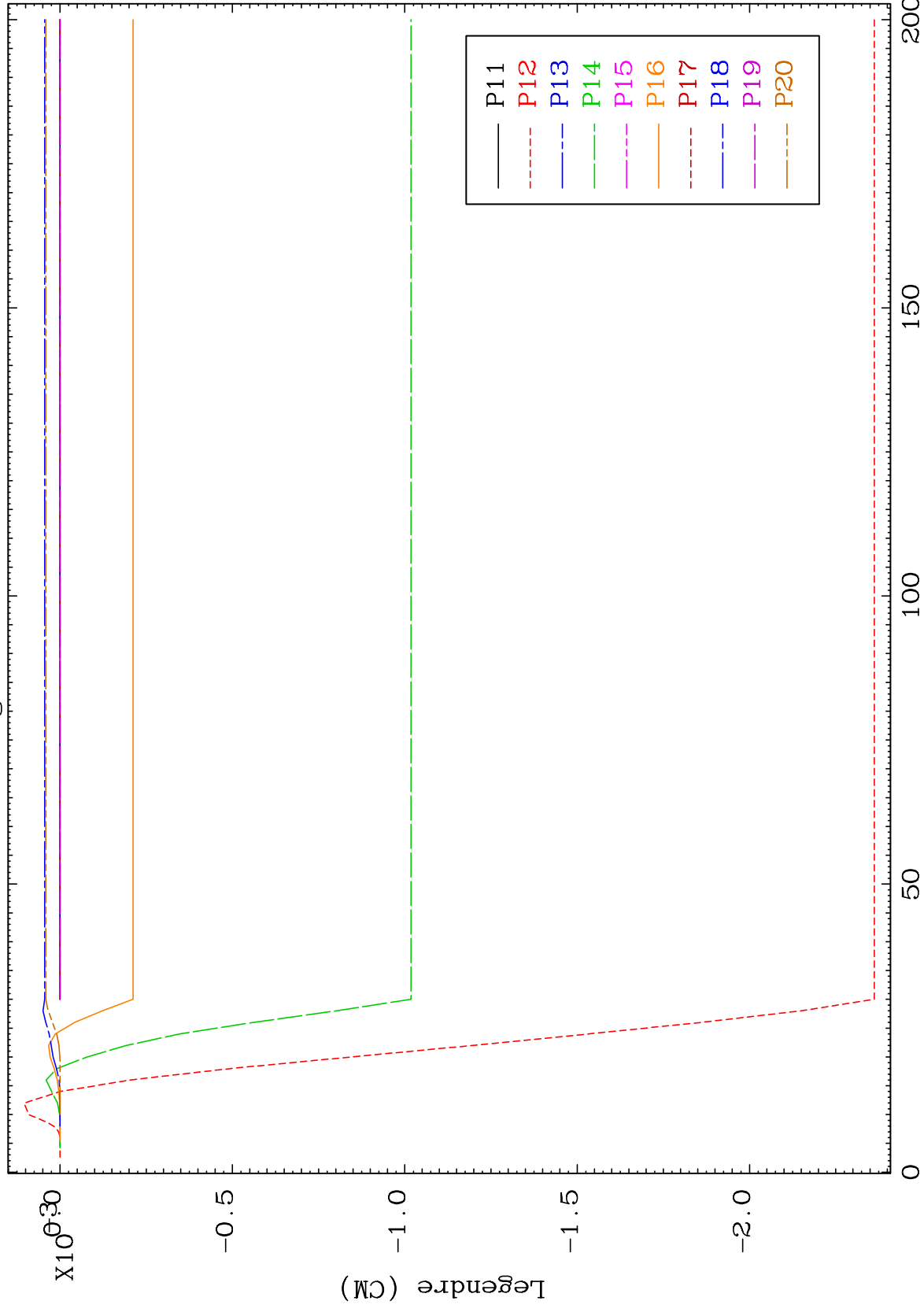
105



MAT 7901

79-Au-189

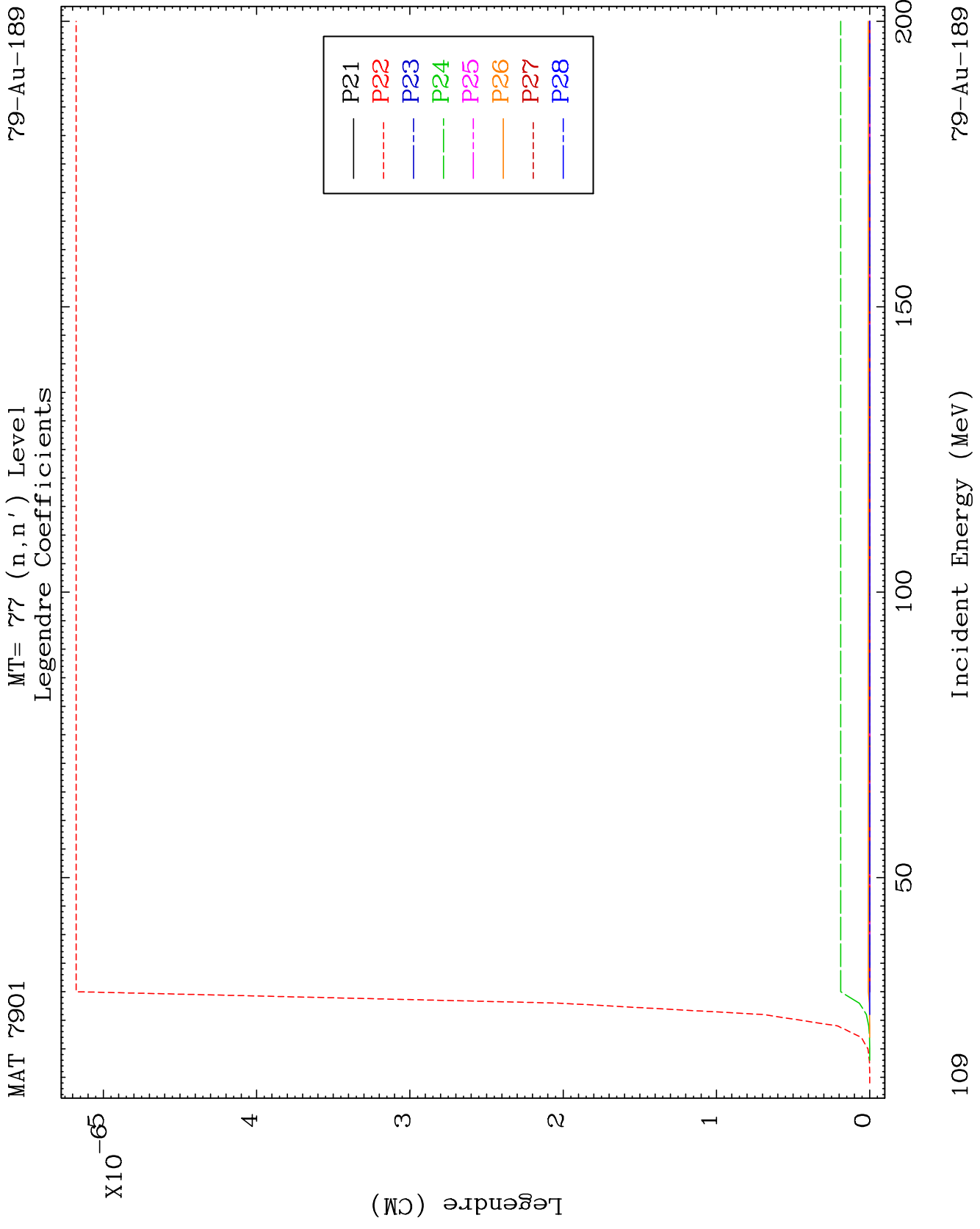
MT= 77 (n,n') Level
Legendre Coefficients



108

Incident Energy (MeV)

79-Au-189

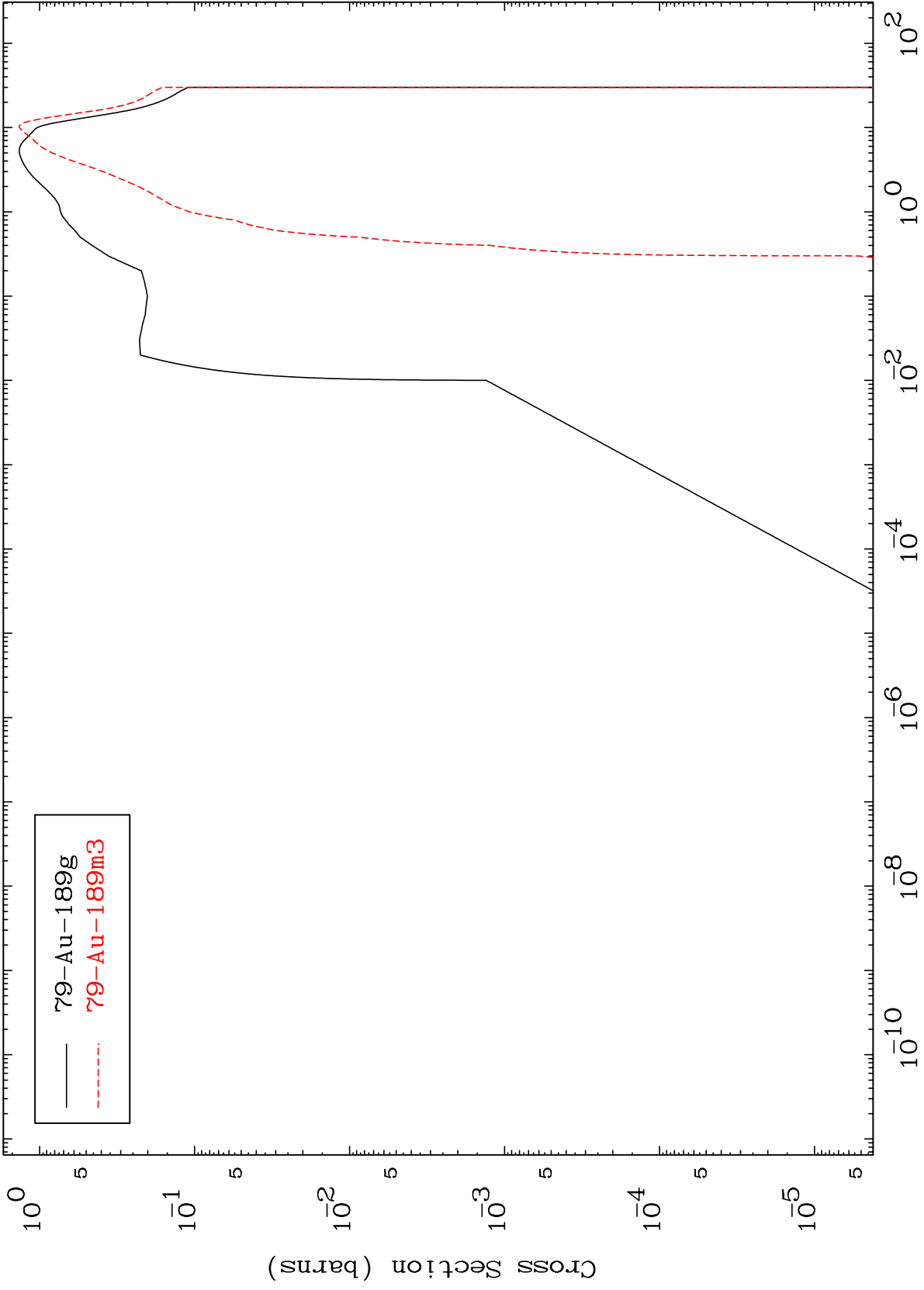


MAT 7901

Inelastic

⁷⁹Au-189

Radionuclide Production Cross Section



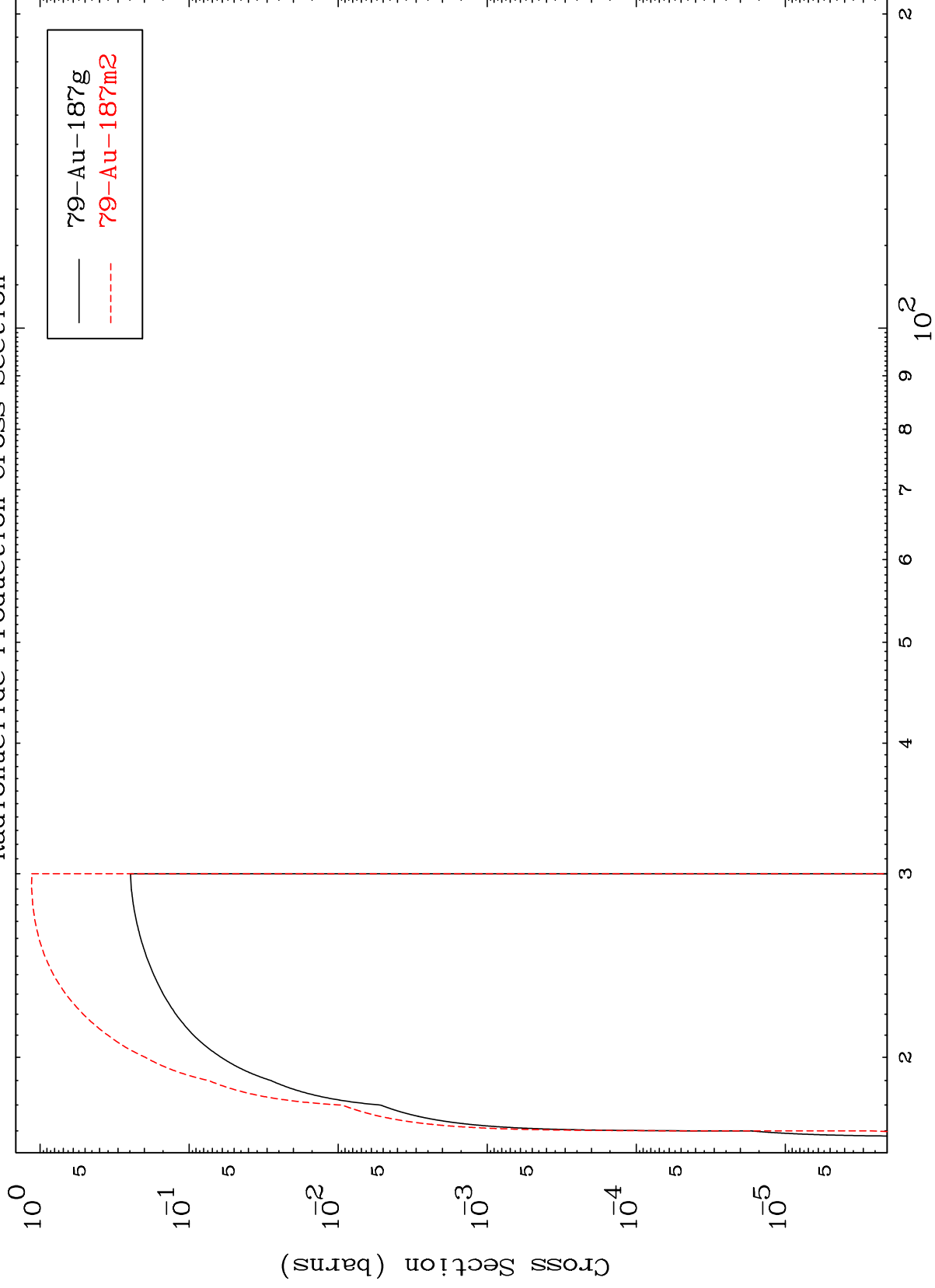
79-Au-189g
79-Au-189m3

MAT 7901

(n,3n)

79-Au-189

Radionuclide Production Cross Section



111

Incident Energy (MeV)

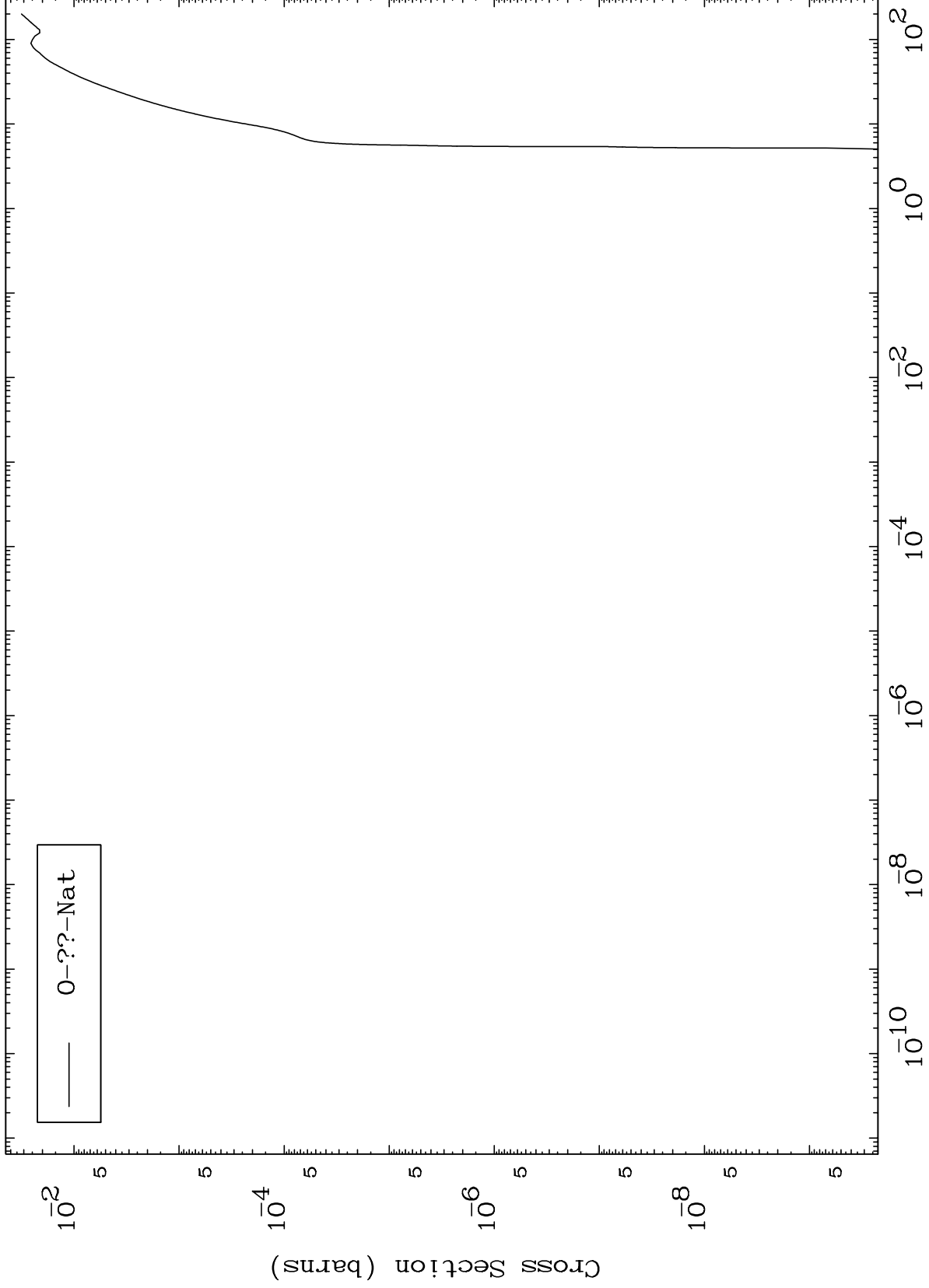
79-Au-189

MAT 7901

Fission

79-Au-189

Radionuclide Production Cross Section

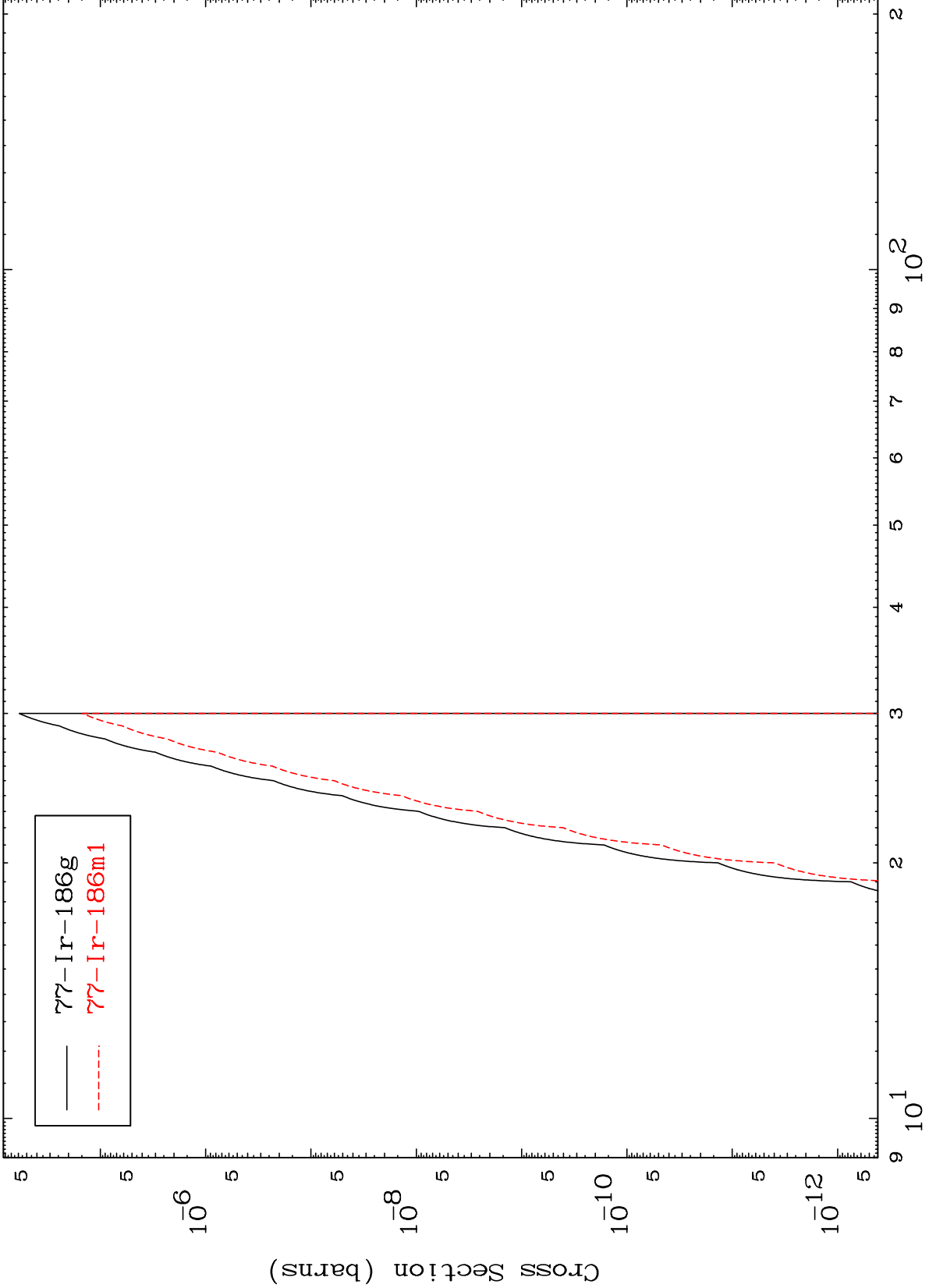


MAT 7901

(n,n') He-3

79-Au-189

Radionuclide Production Cross Section



113

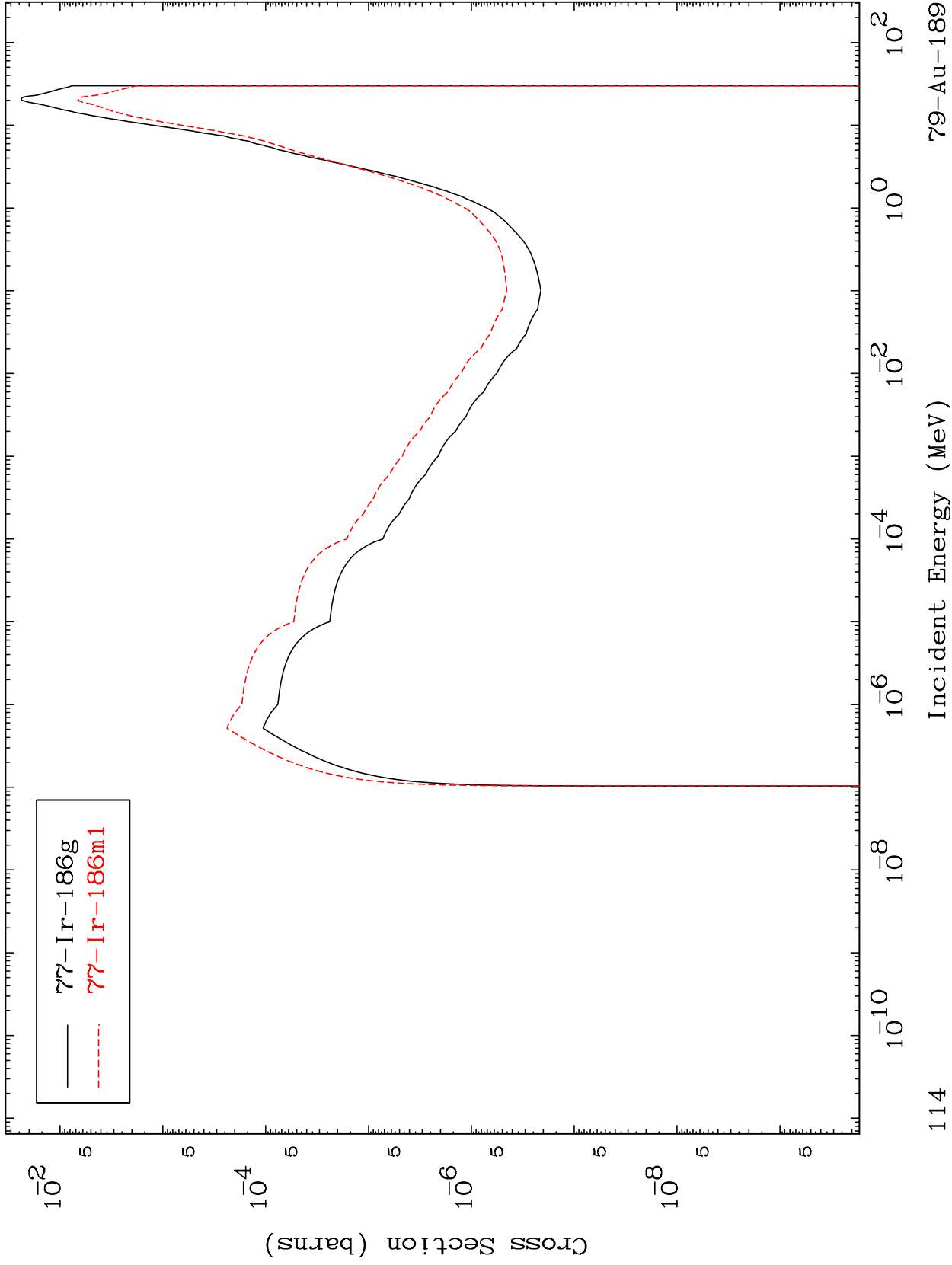
Incident Energy (MeV)

79-Au-189

MAT 7901

79-Au-189

Radionuclide Production Cross Section
(n, α)

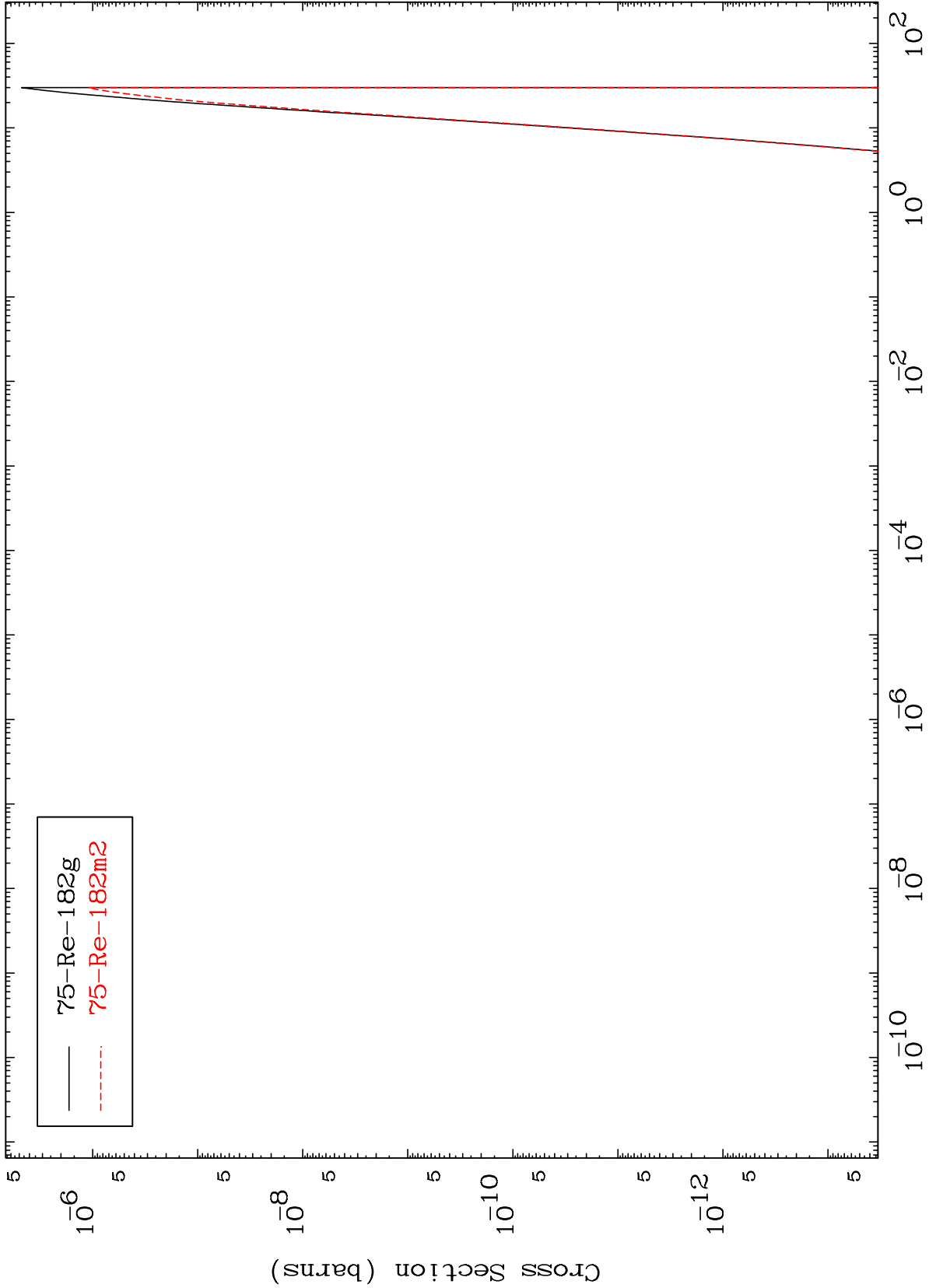


MAT 7901

(n,2α)

79-Au-189

Radionuclide Production Cross Section



115

Incident Energy (MeV)

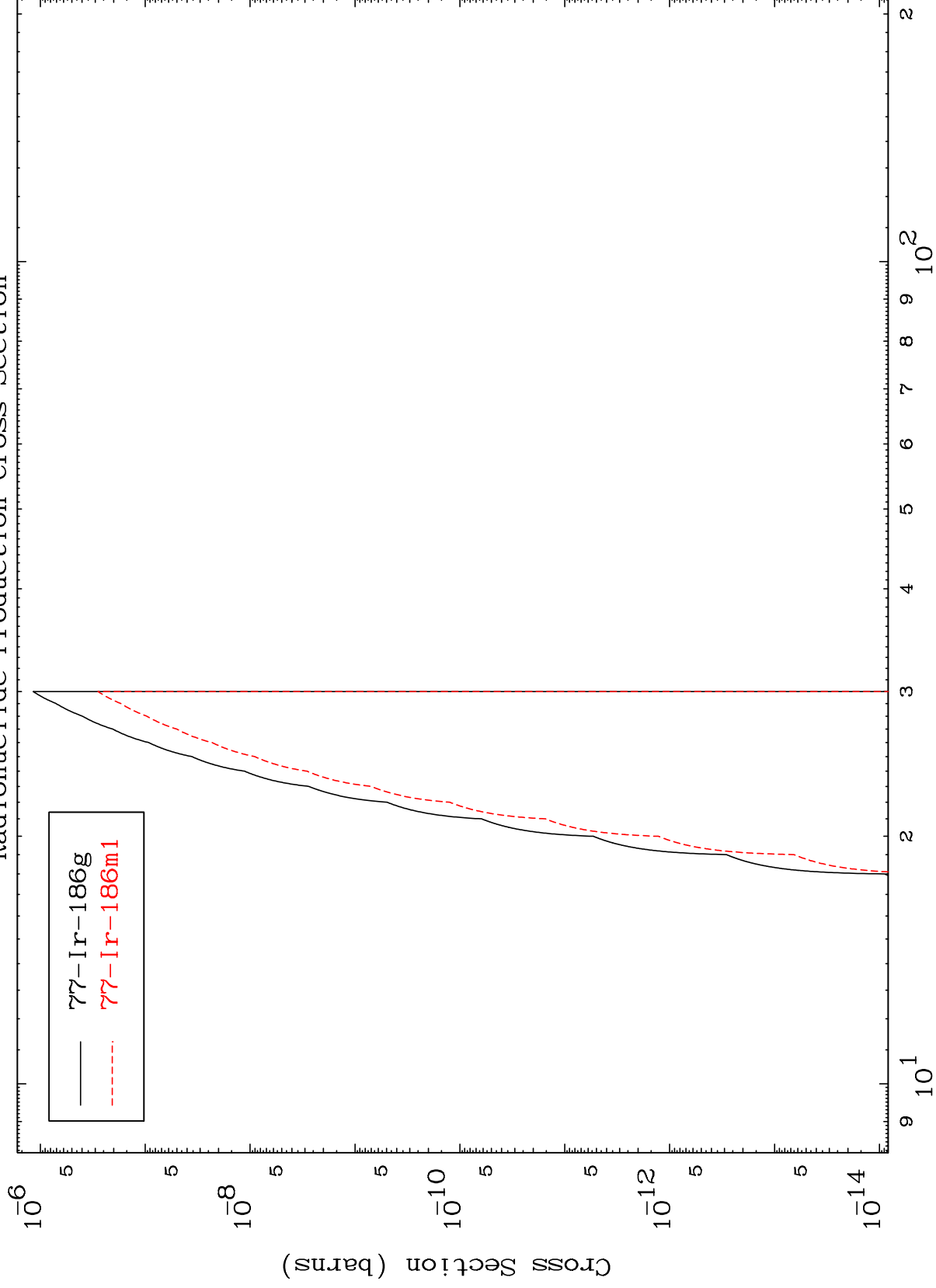
79-Au-189

MAT 7901

(n,p) t

⁷⁹Au-189

Radionuclide Production Cross Section



116

Incident Energy (MeV)

⁷⁹Au-189