

Program EVALPLOT
(Version 2021-1)

by

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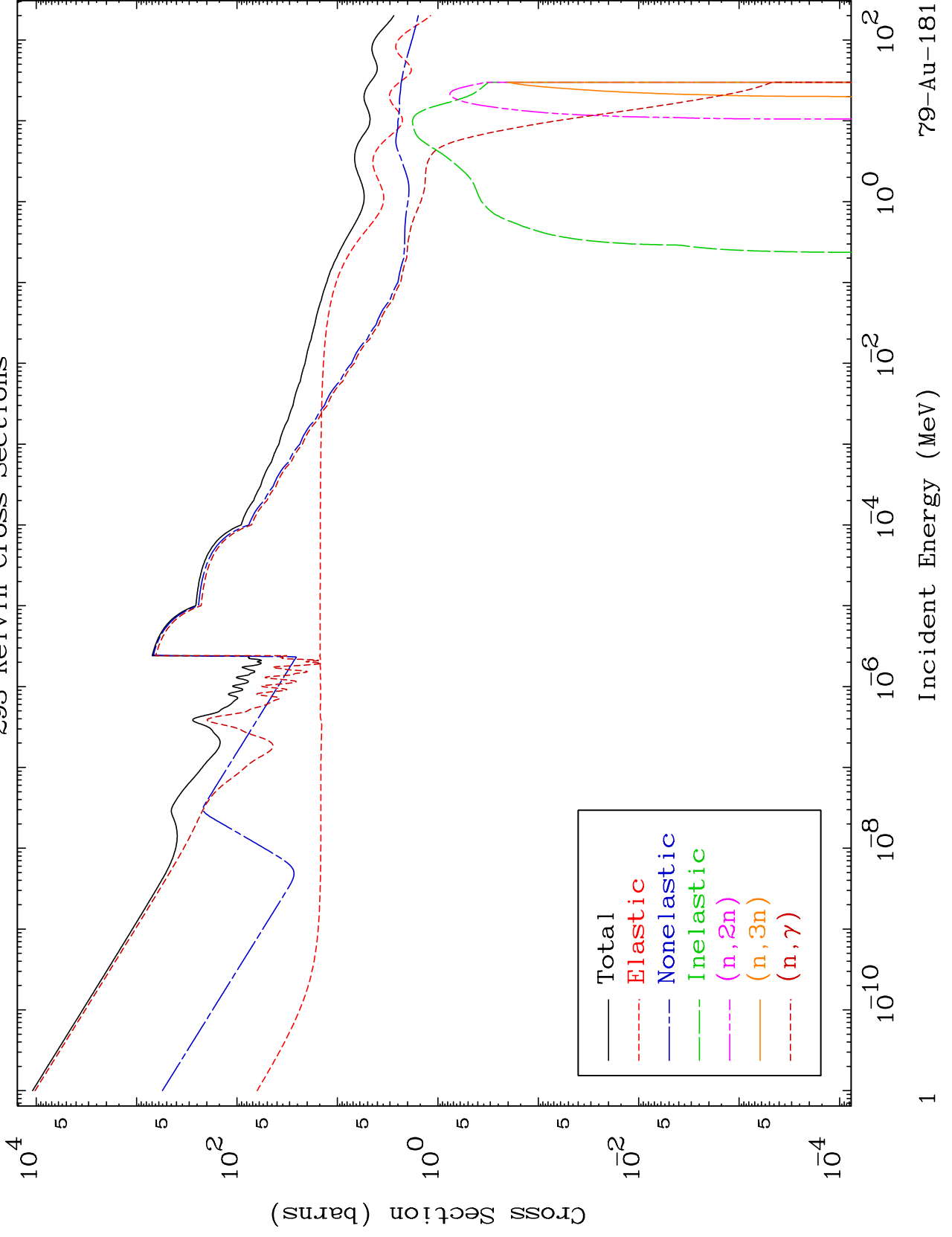
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Press Mouse Button to Start

MAT 7877

Neutron Major
293 Kelvin Cross Sections

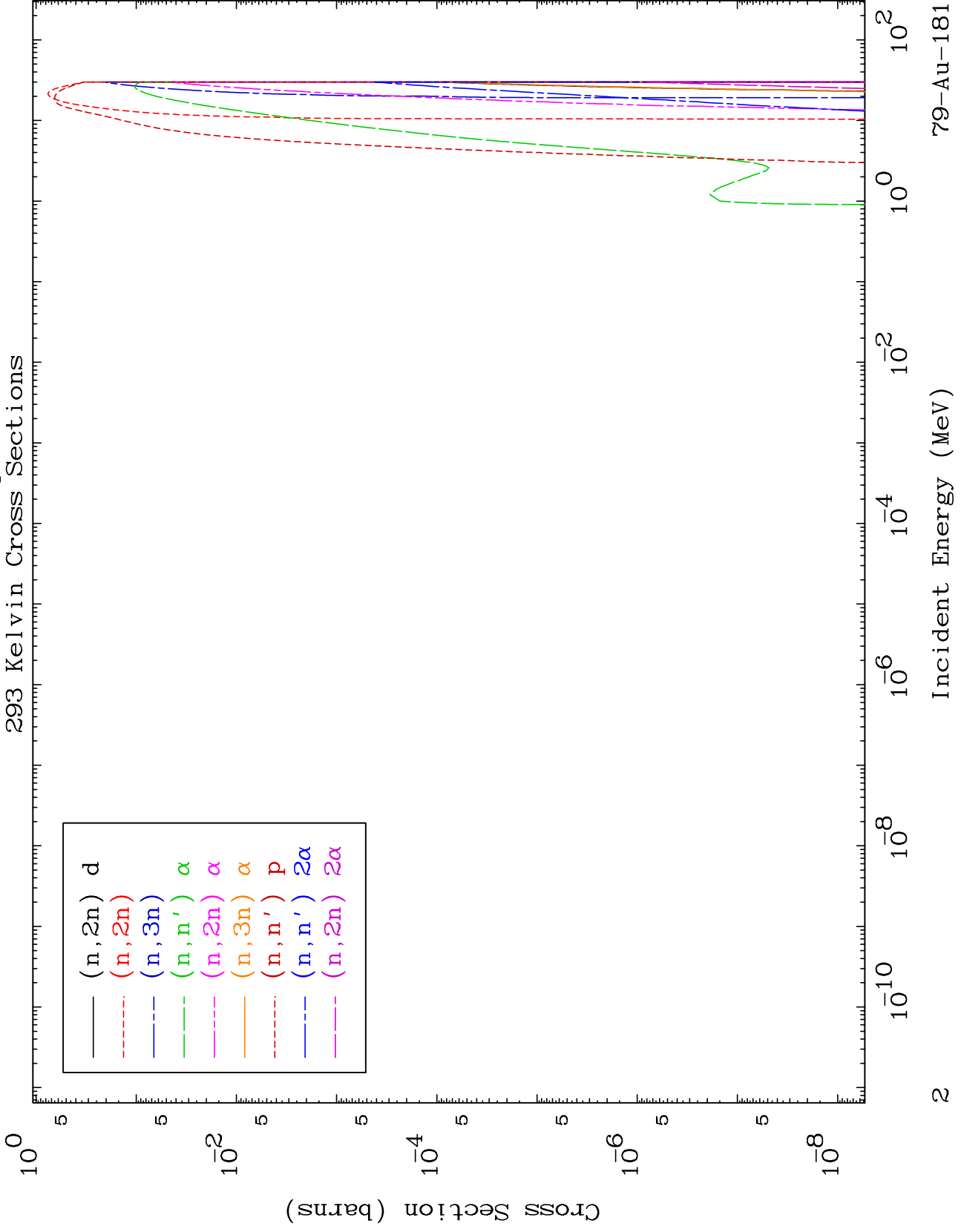
79-Au-181



MAT 7877

Neutron Absorption
293 Kelvin Cross Sections

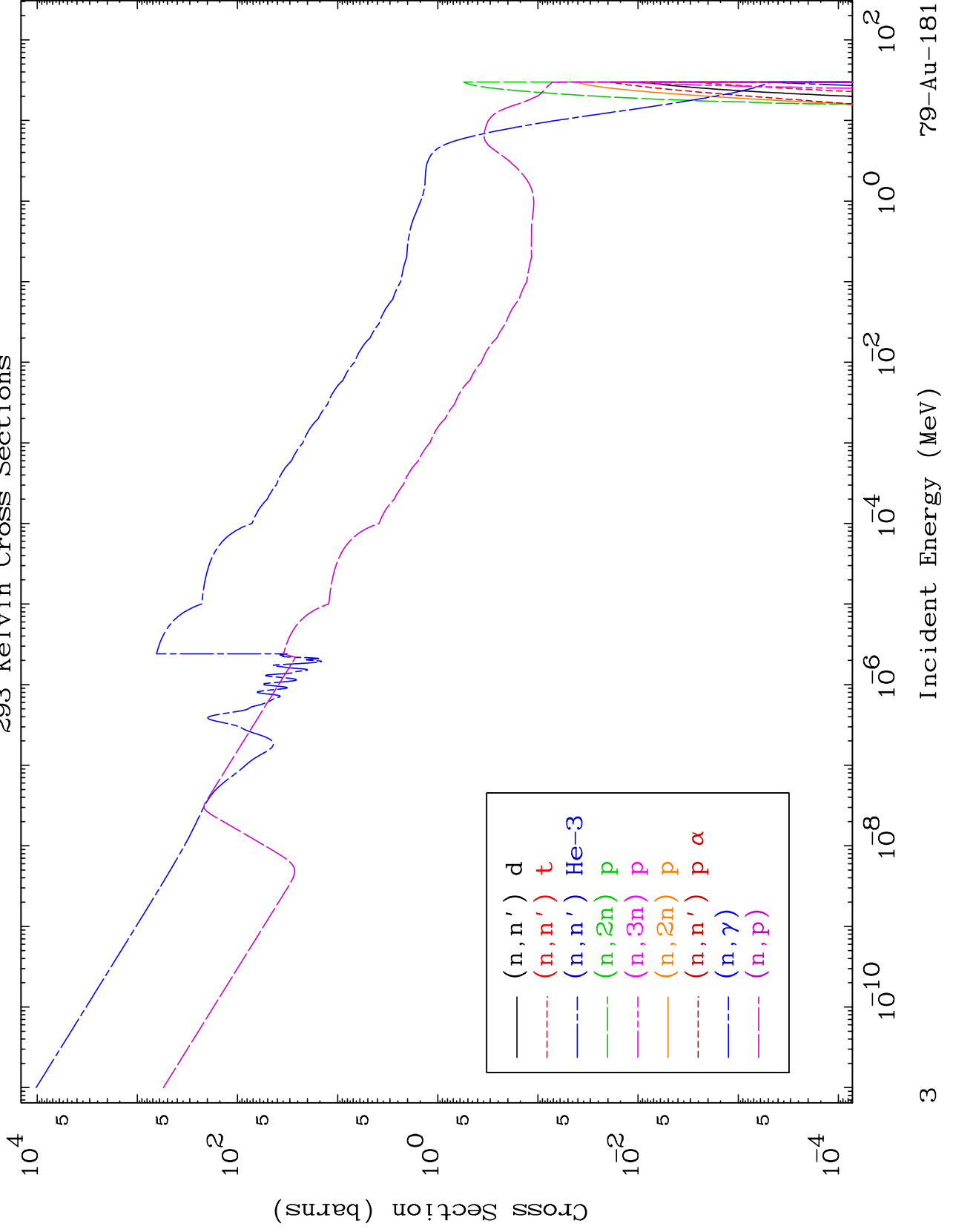
79-Au-181



MAT 78777

Neutron Absorption
293 Kelvin Cross Sections

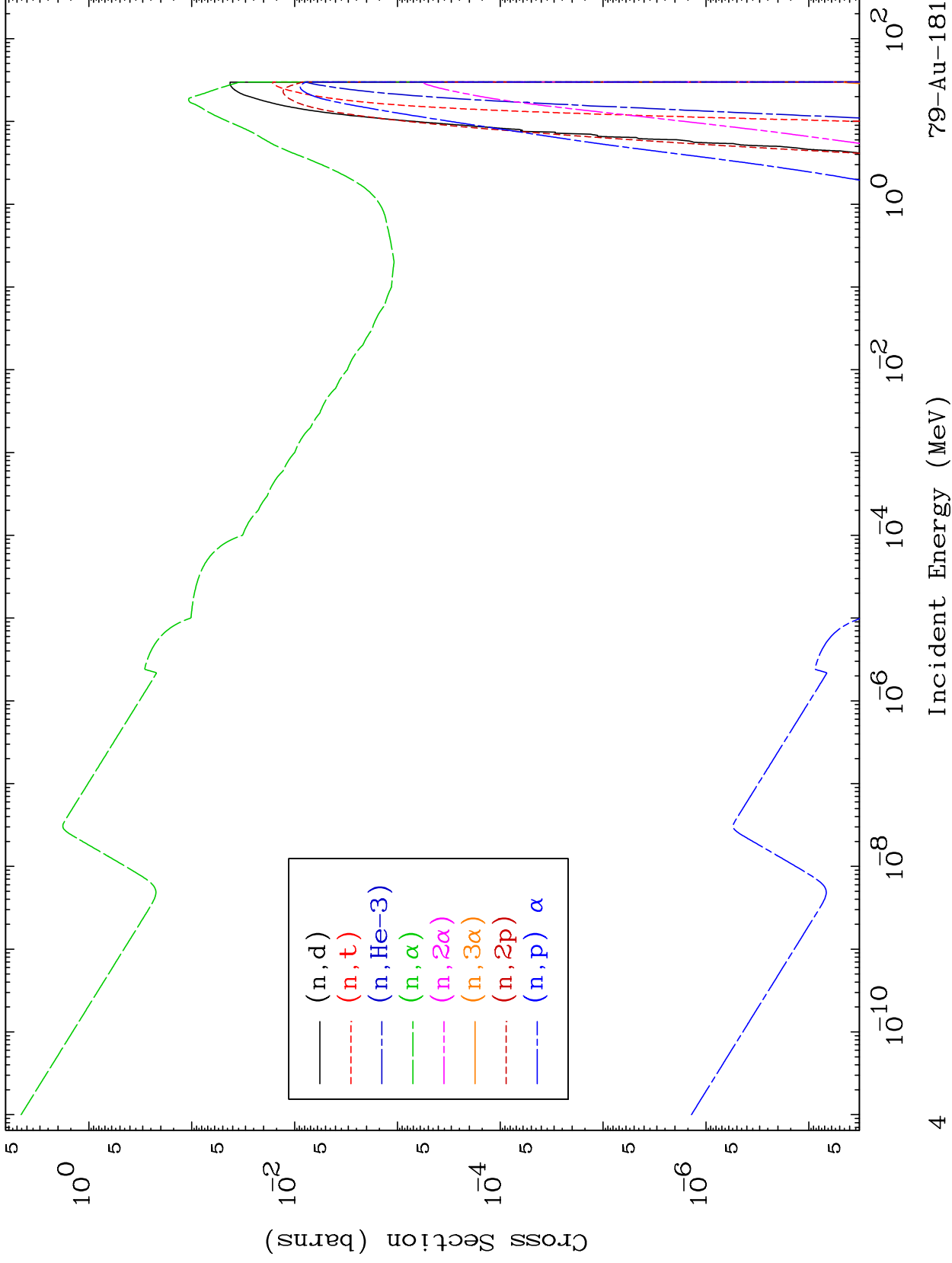
79-Au-181

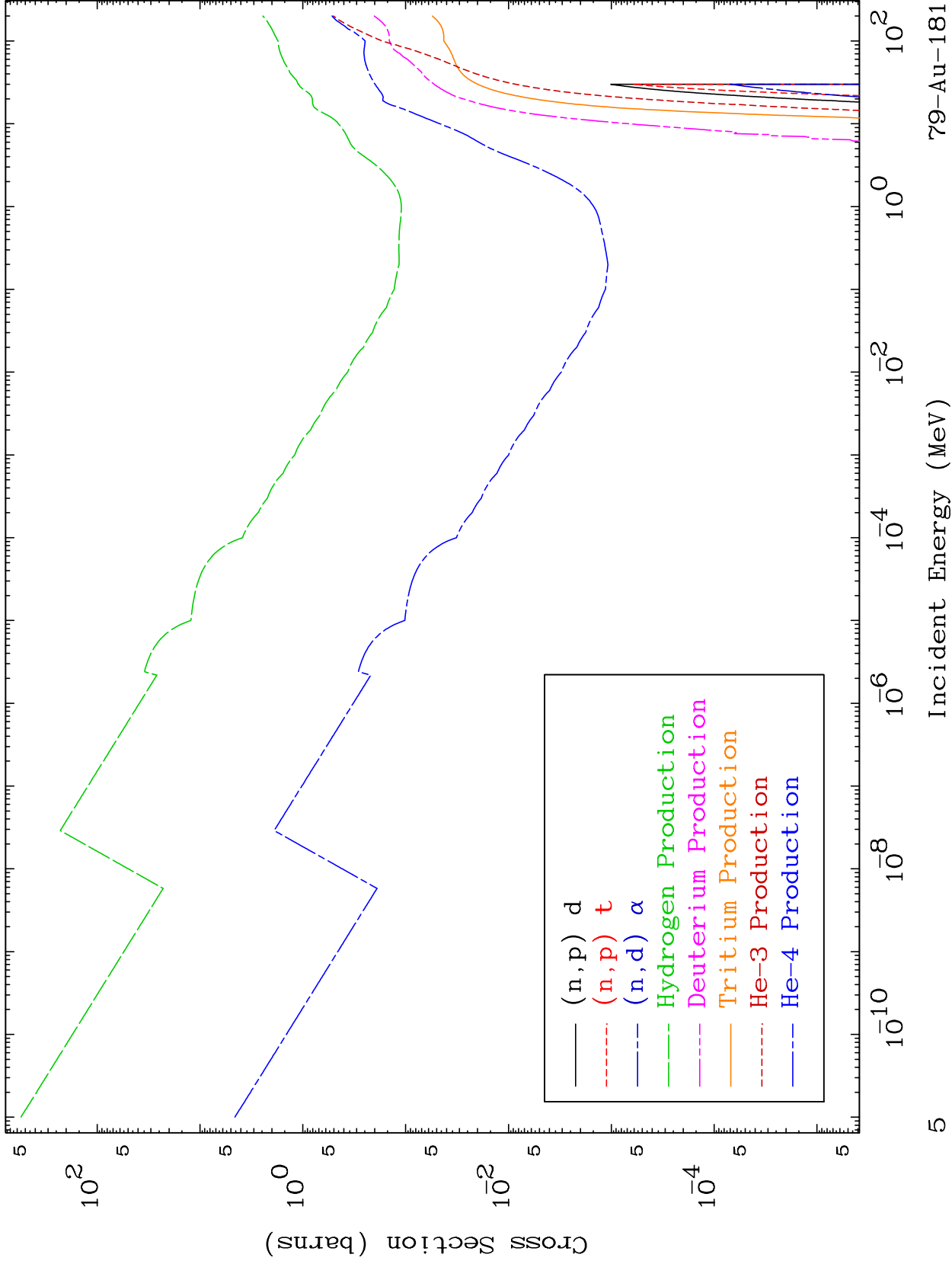


MAT 78777

Neutron Absorption
293 Kelvin Cross Sections

79-Au-181

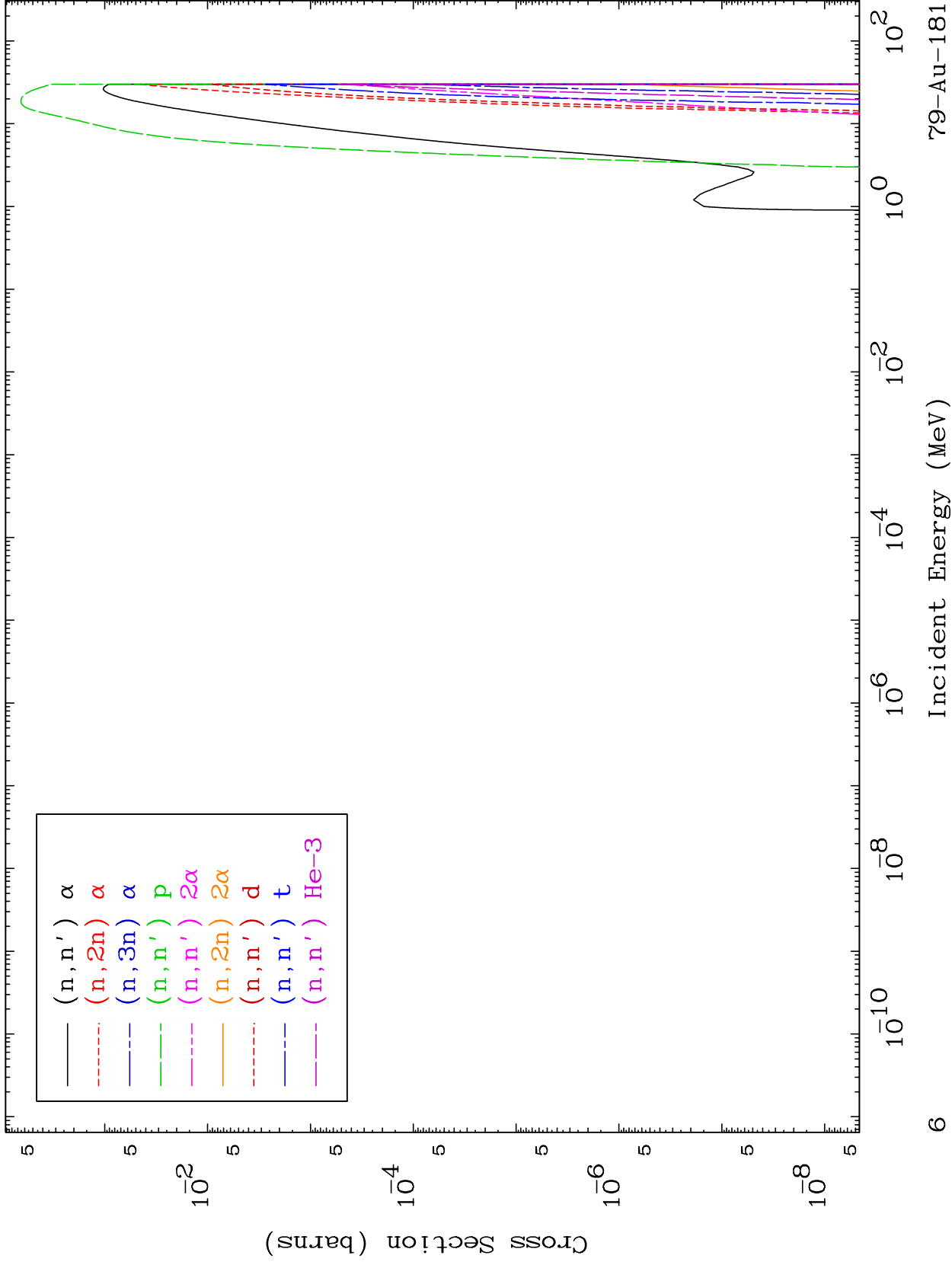




MAT 7877

Charged Particle
293 Kelvin Cross Sections

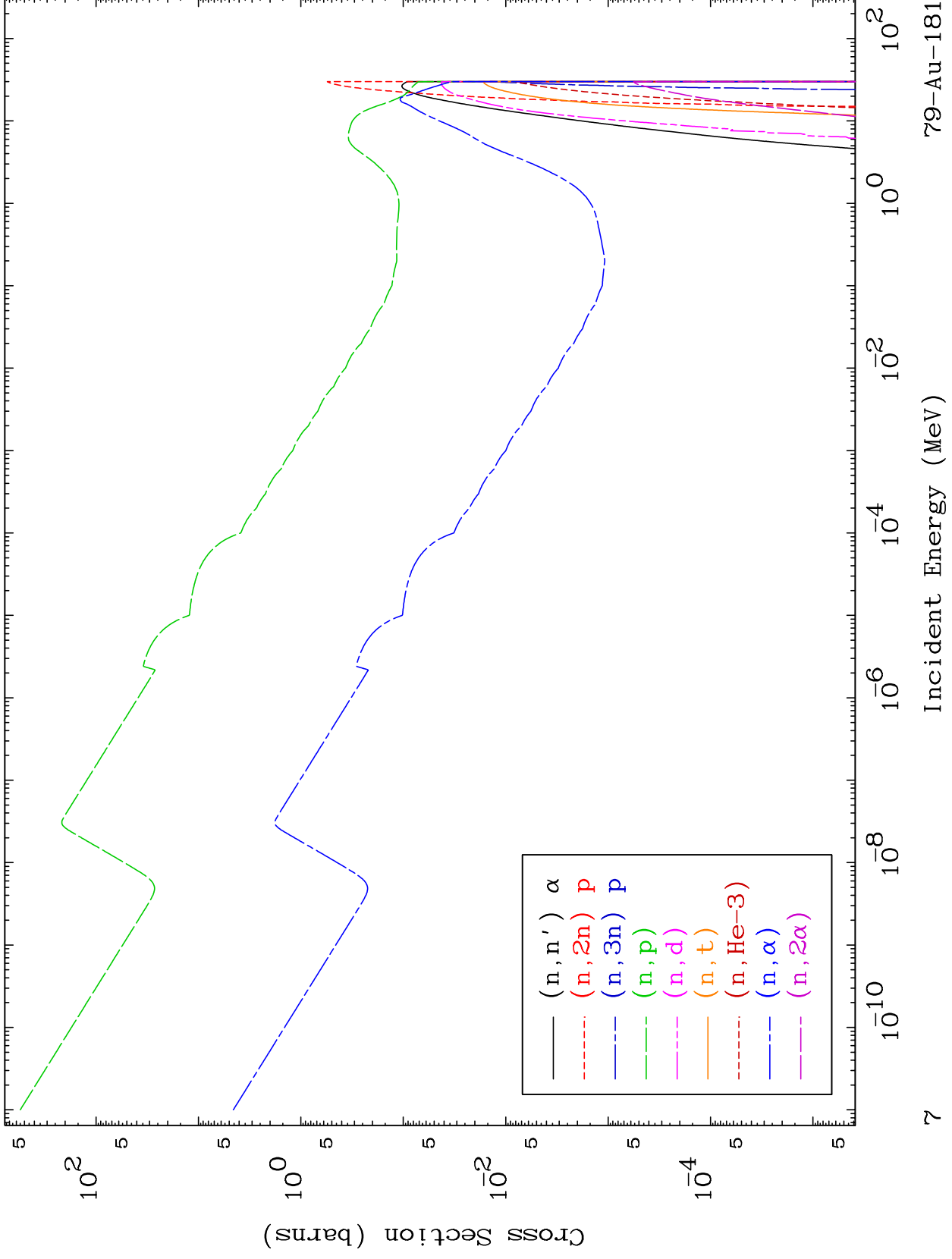
79-Au-181



MAT 78777

Charged Particle
293 Kelvin Cross Sections

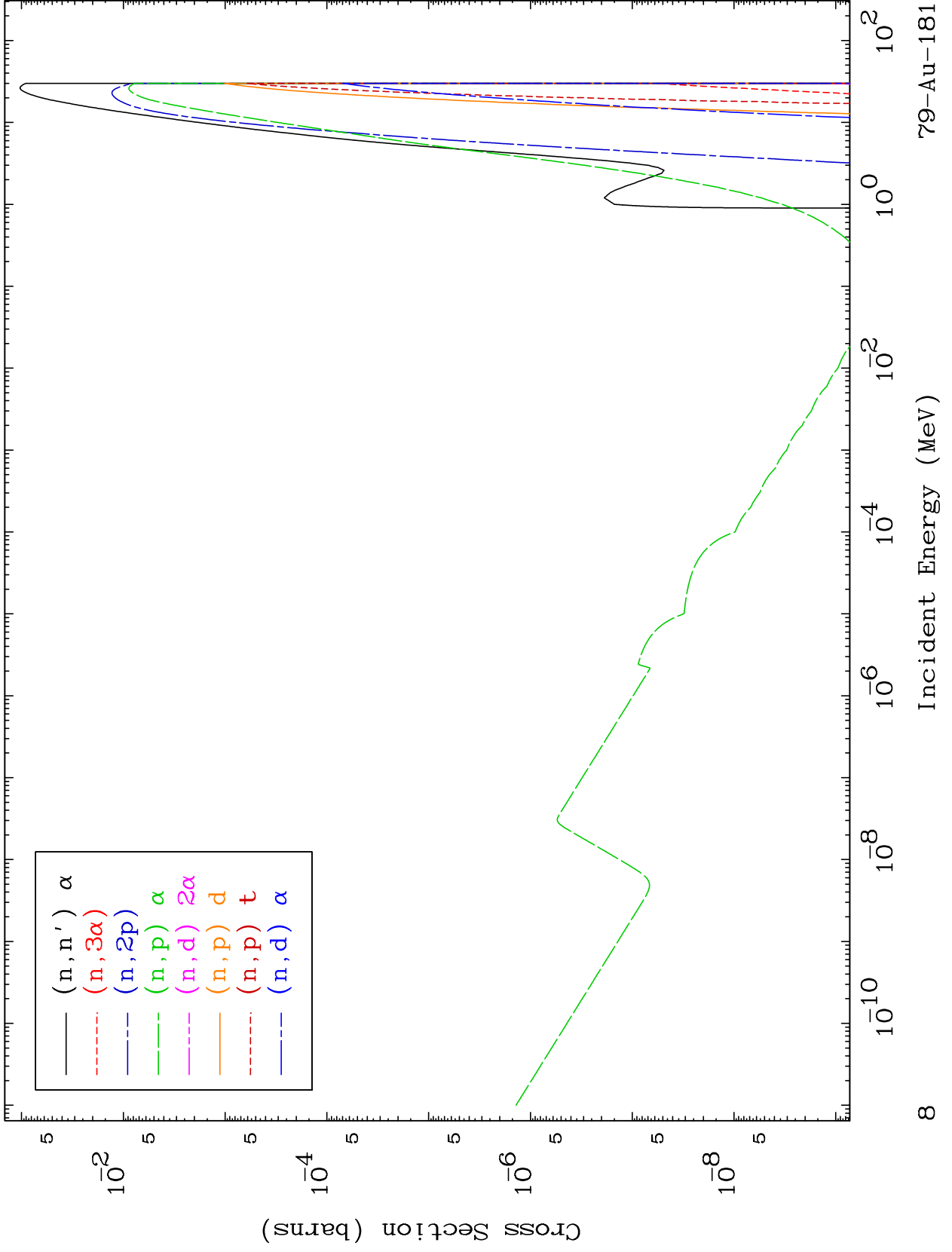
79-Au-181



MAT 7877

Charged Particle
293 Kelvin Cross Sections

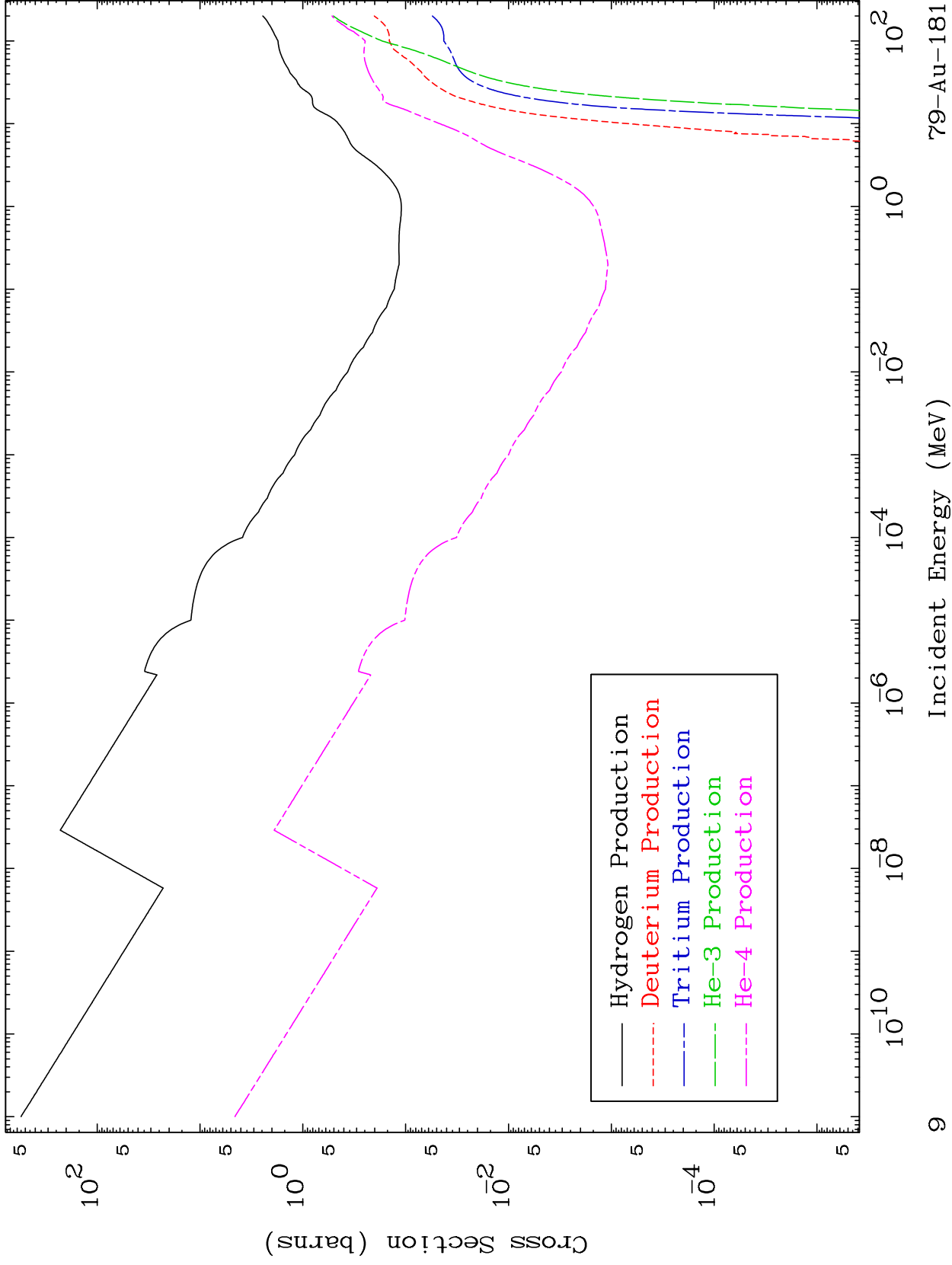
79-Au-181



MAT 7877

Particle Production
293 Kelvin Cross Sections

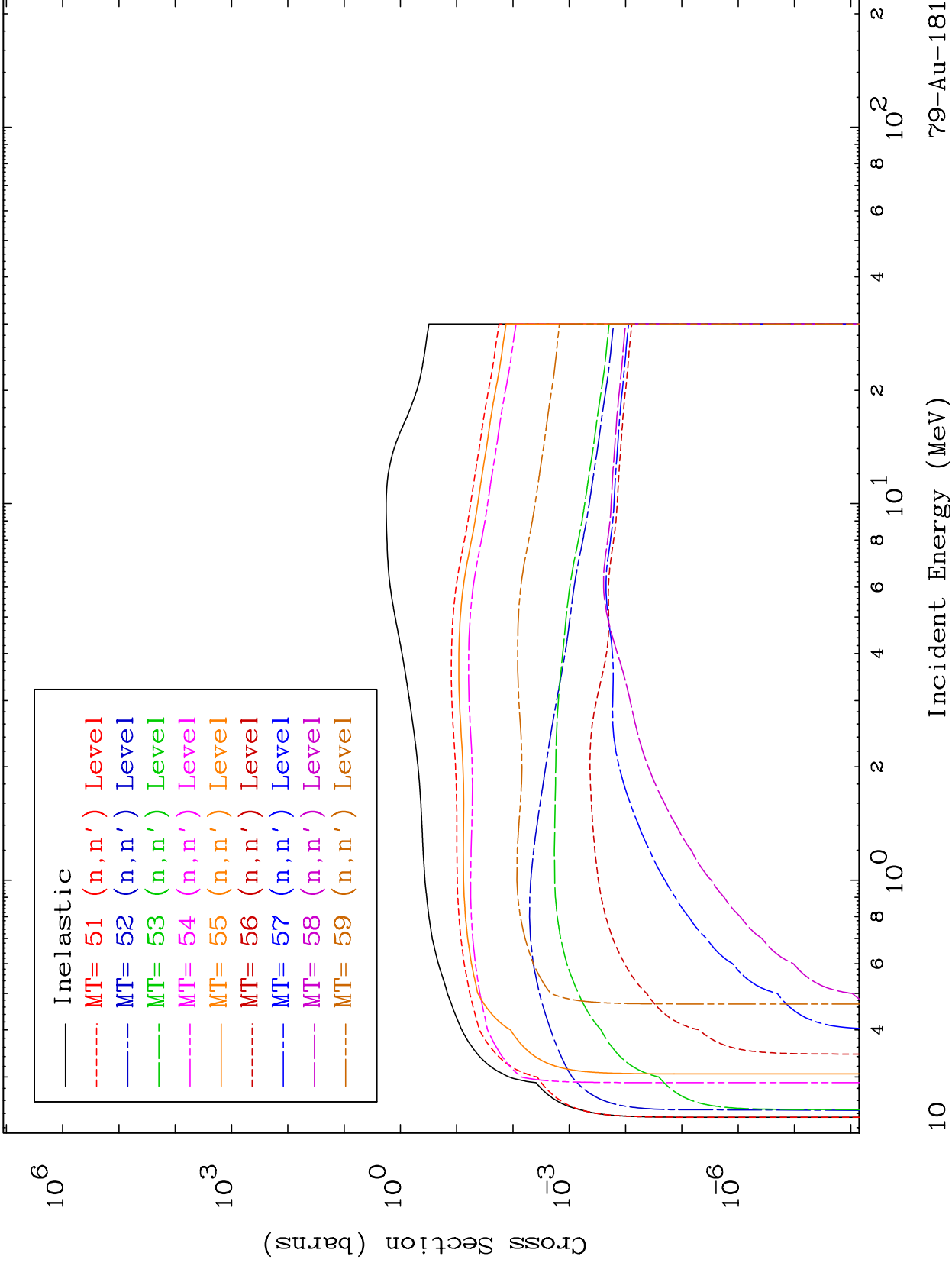
79-Au-181



MAT 78777

(n,n') Levels
293 Kelvin Cross Sections

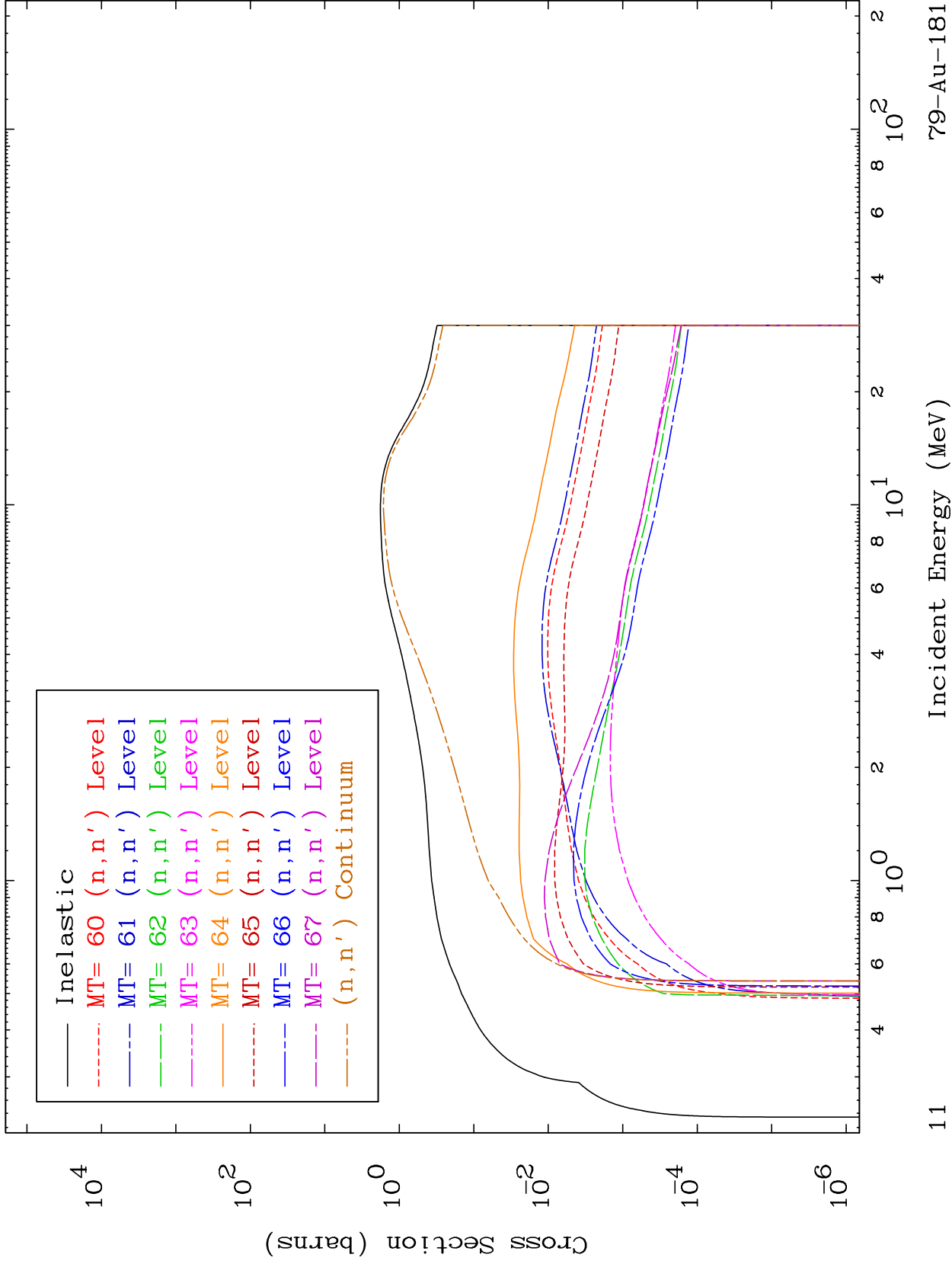
79-Au-181



10

Incident Energy (MeV)

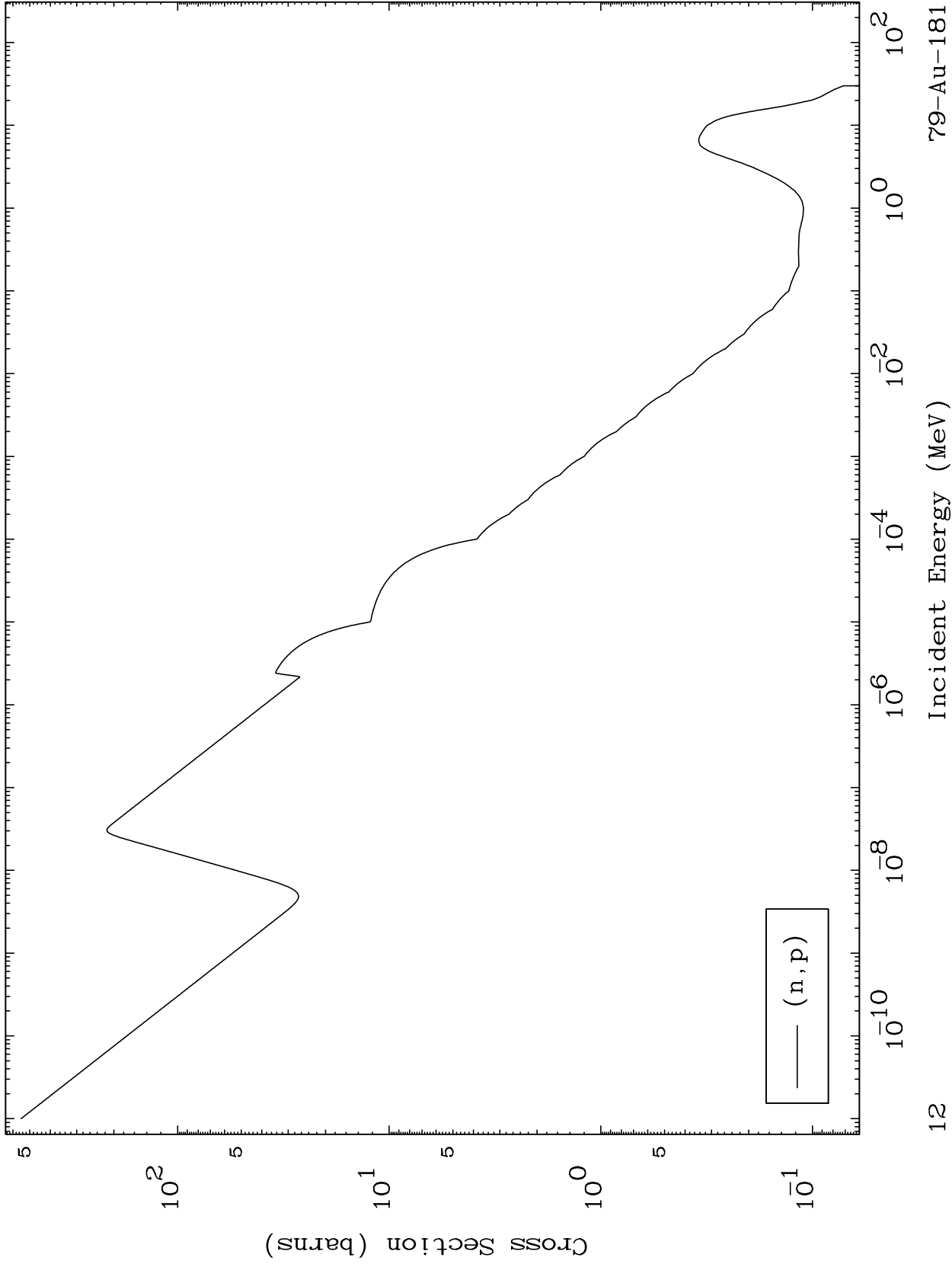
79-Au-181



MAT 7877

(n,p) Levels
293 Kelvin Cross Sections

79-Au-181

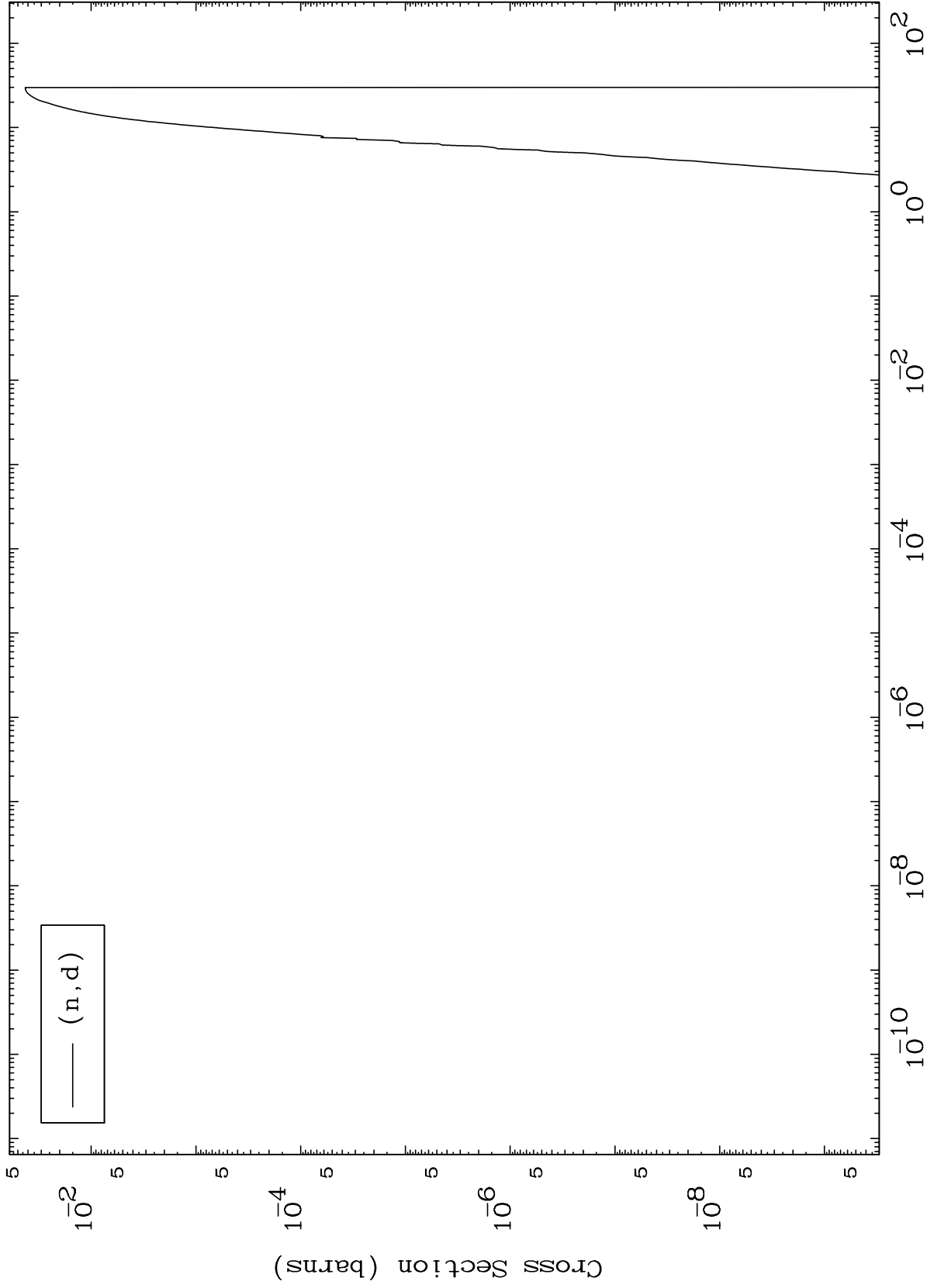


12

MAT 7877

(n,d) Levels
293 Kelvin Cross Sections

79-Au-181



13

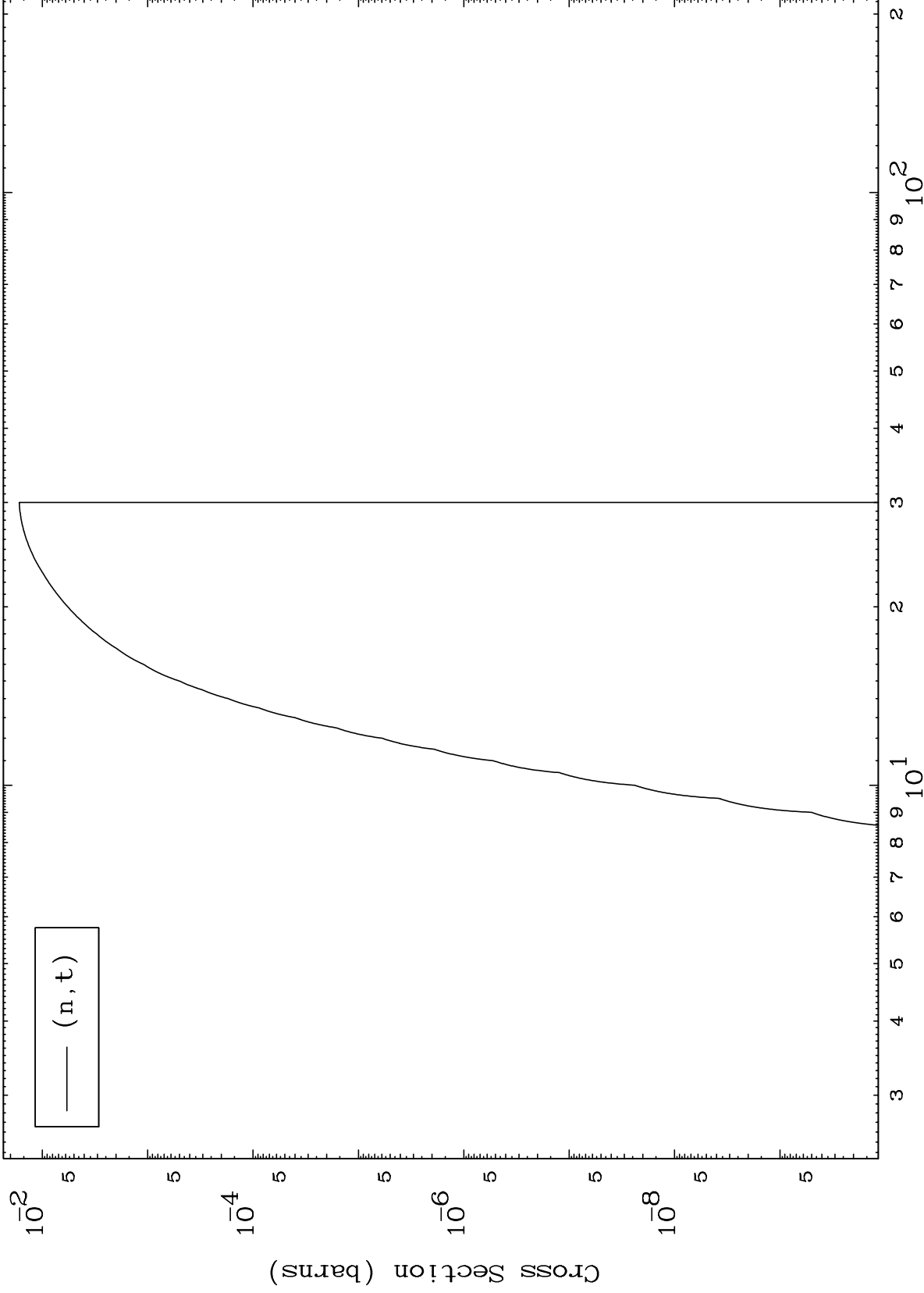
Incident Energy (MeV)

79-Au-181

MAT 7877

(n,t) Levels
293 Kelvin Cross Sections

79-Au-181



14

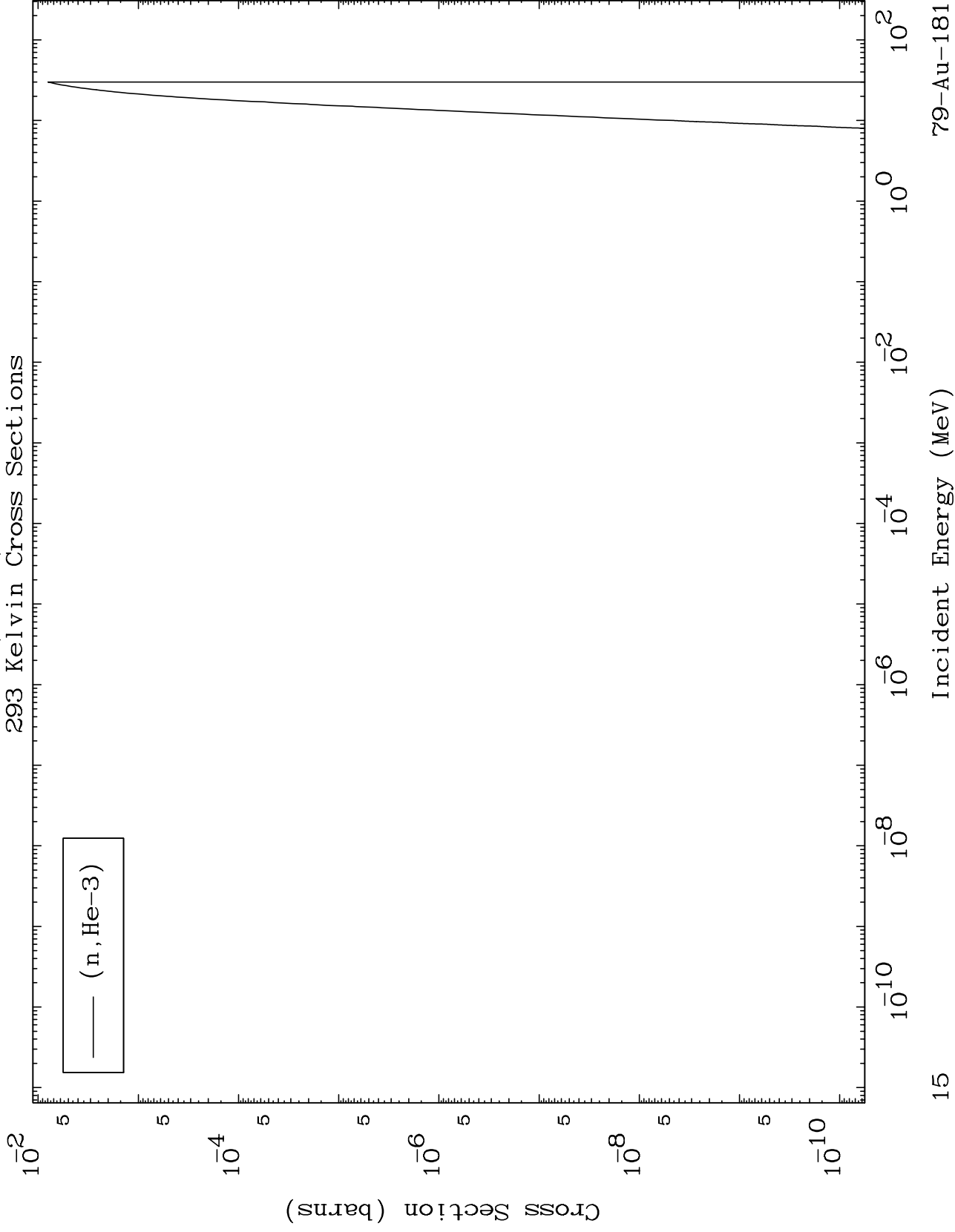
Incident Energy (MeV)

79-Au-181

MAT 7877

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-181



15

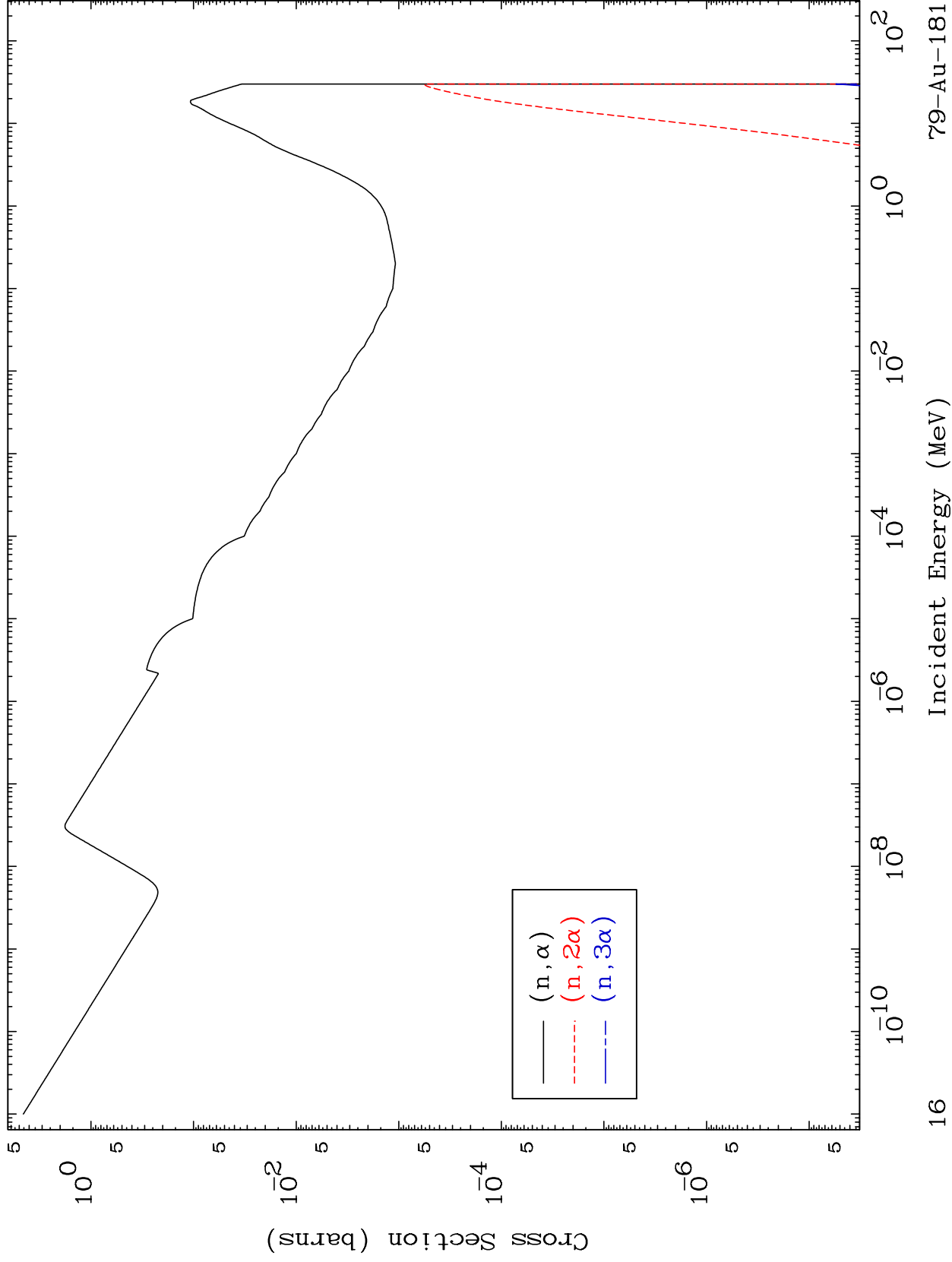
Incident Energy (MeV)

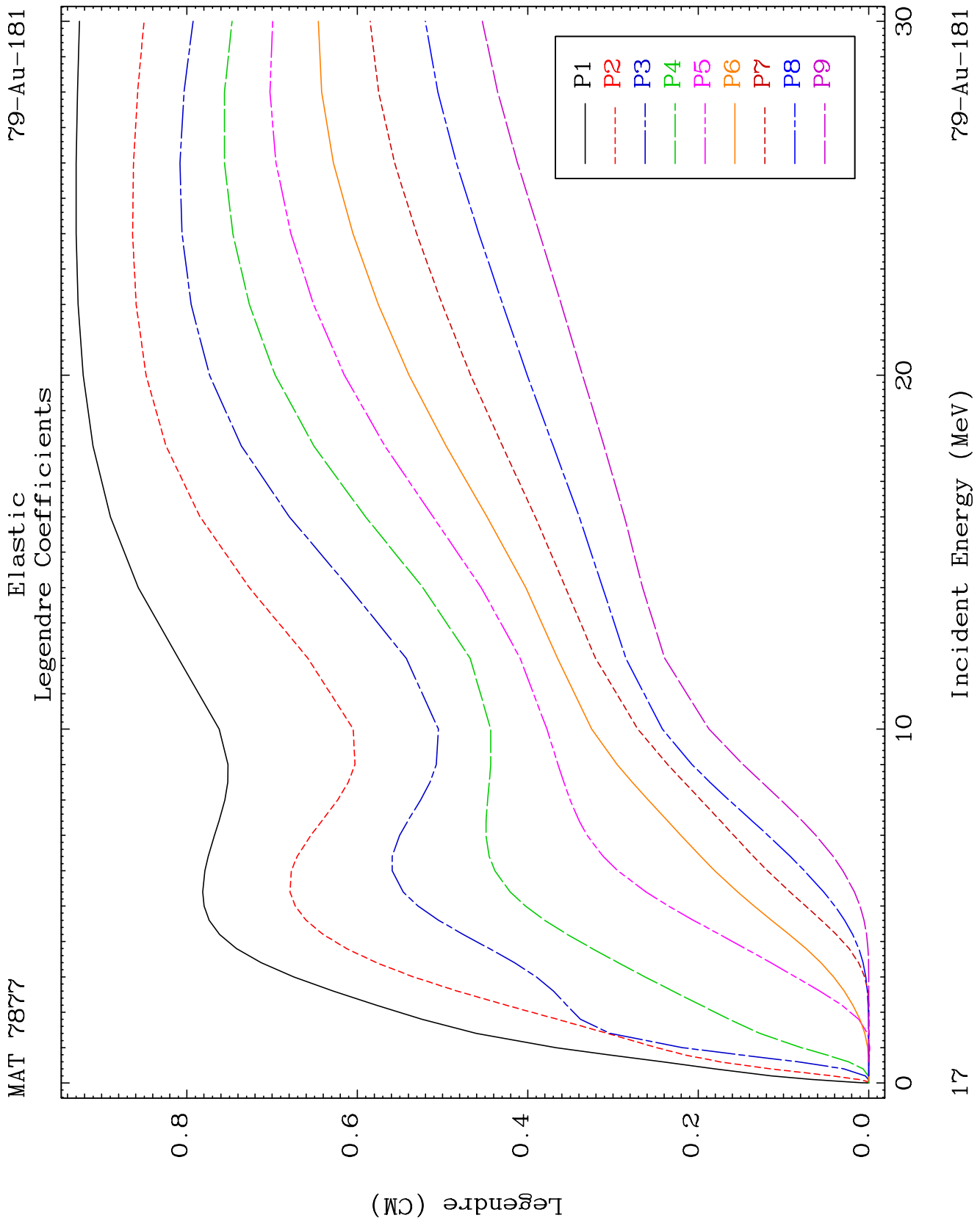
79-Au-181

MAT 78777

(n, α) Levels
293 Kelvin Cross Sections

79-Au-181





79-Au-181

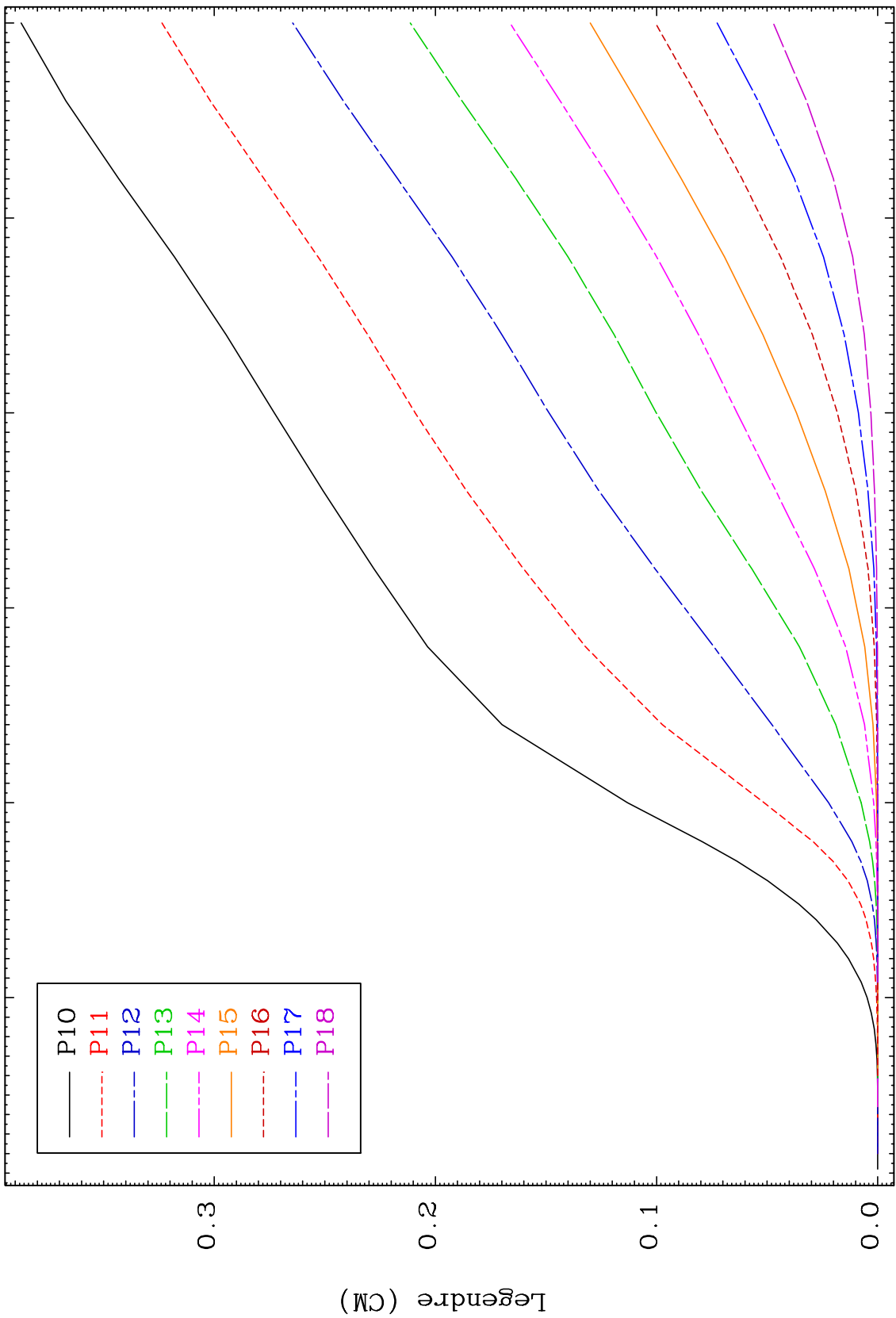
Incident Energy (MeV)

17

MAT 7877

Elastic Legendre Coefficients

⁷⁹Au-181

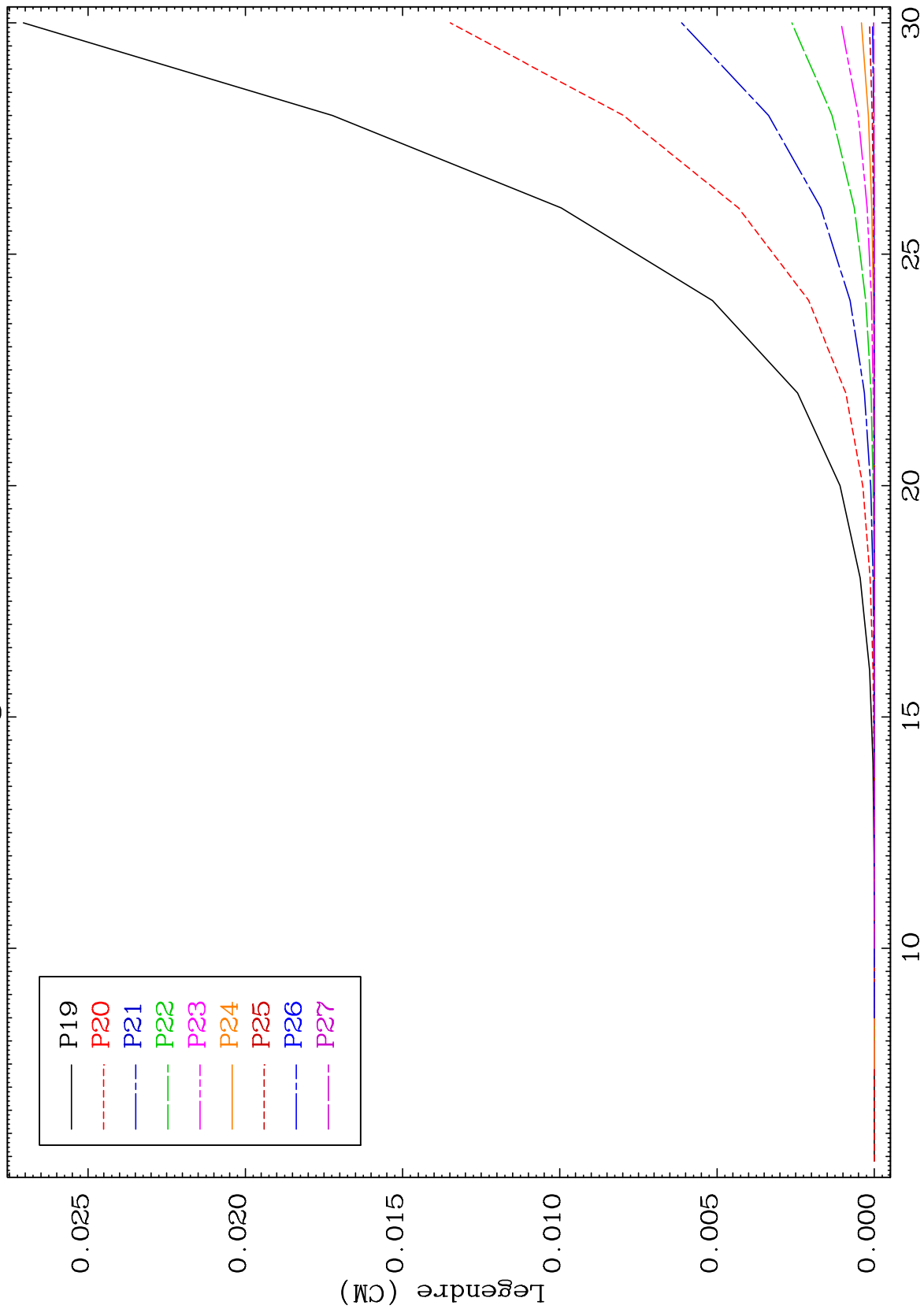


18

Incident Energy (MeV)

⁷⁹Au-181

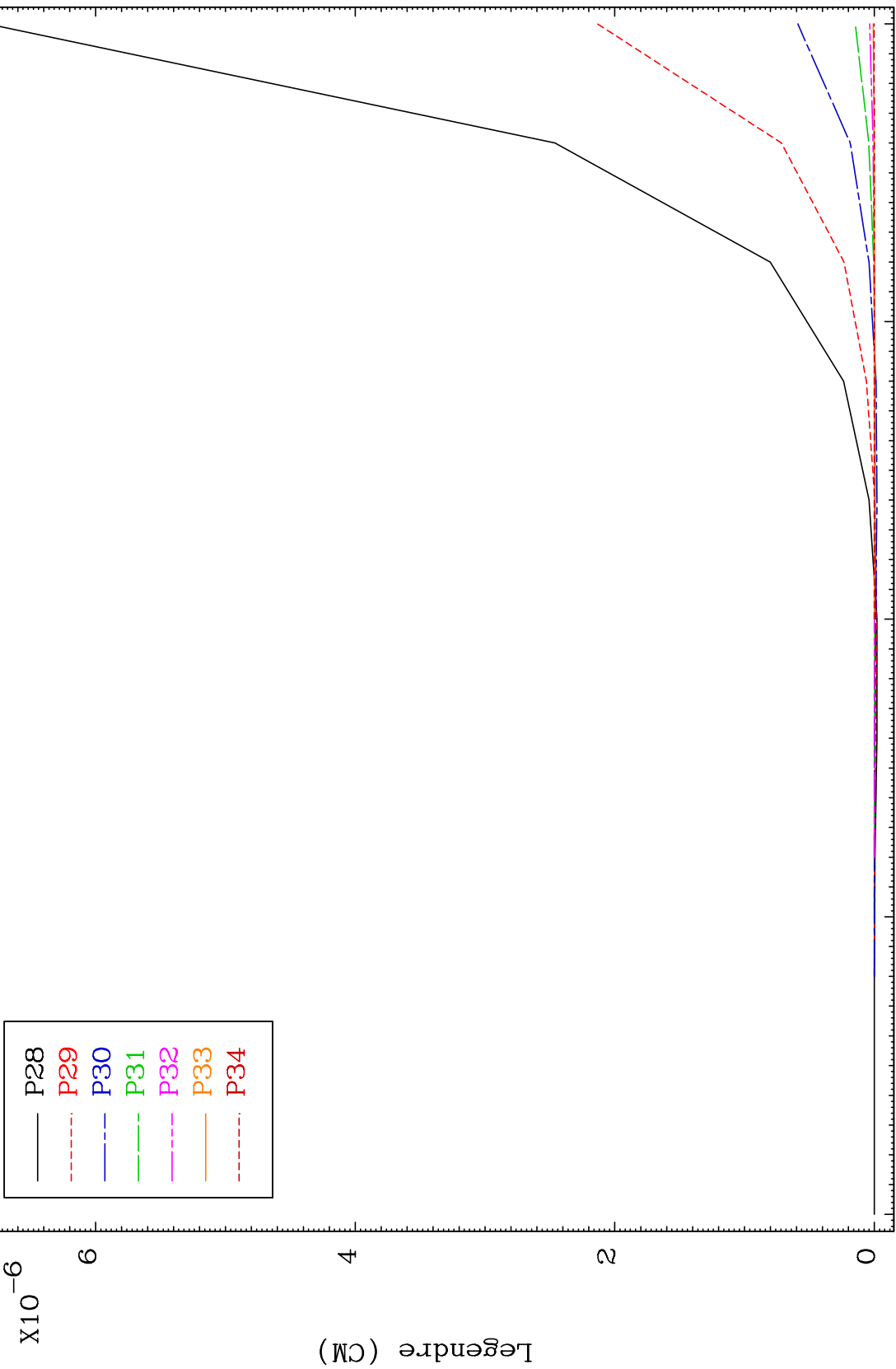
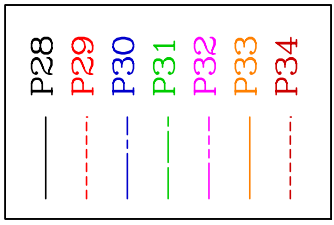
Elastic Legendre Coefficients



MAT 7877

Elastic Legendre Coefficients

79-Au-181



10 15 20 25 30

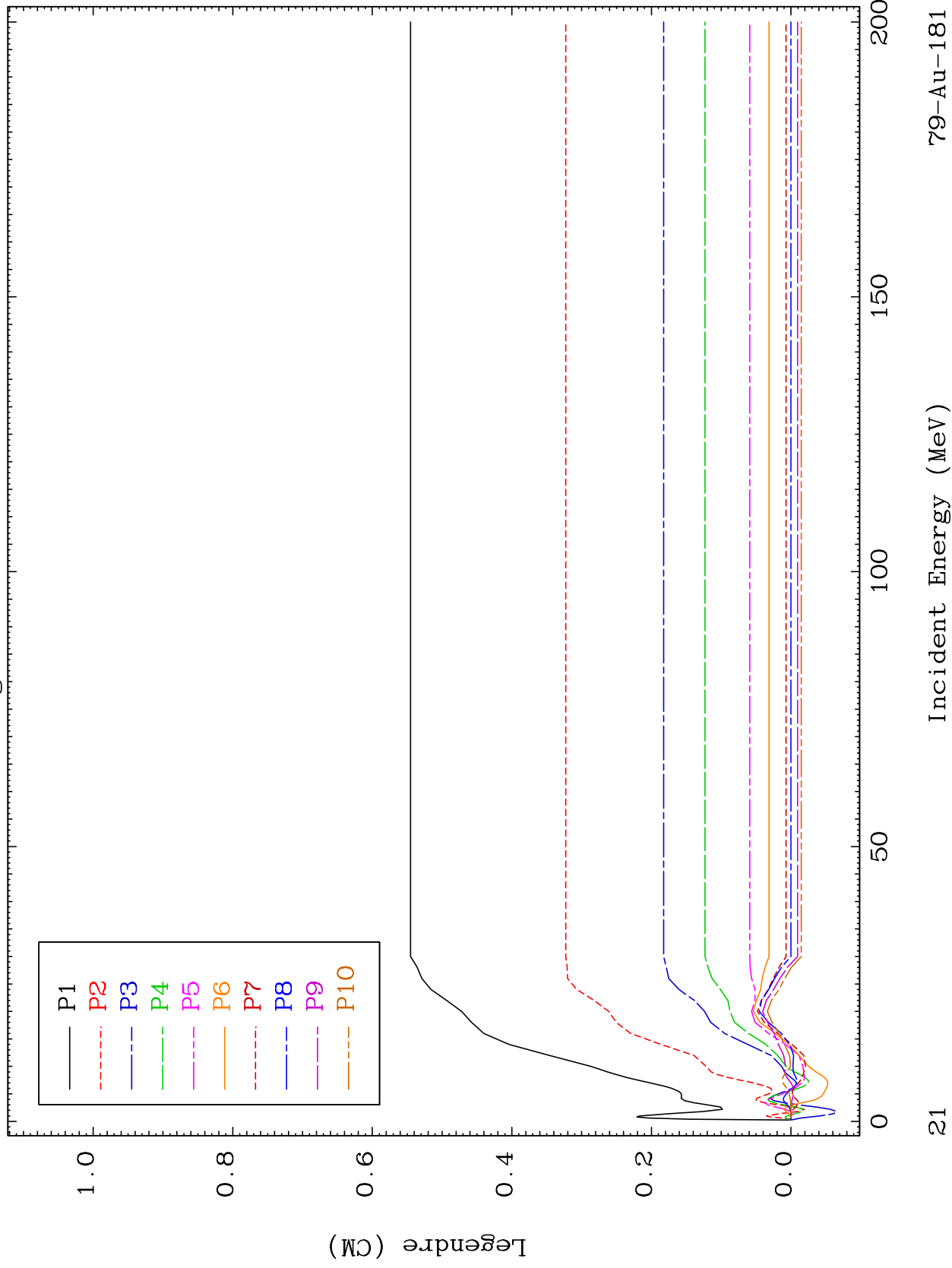
Incident Energy (MeV)

79-Au-181

MAT 7877

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

79-Au-181



79-Au-181

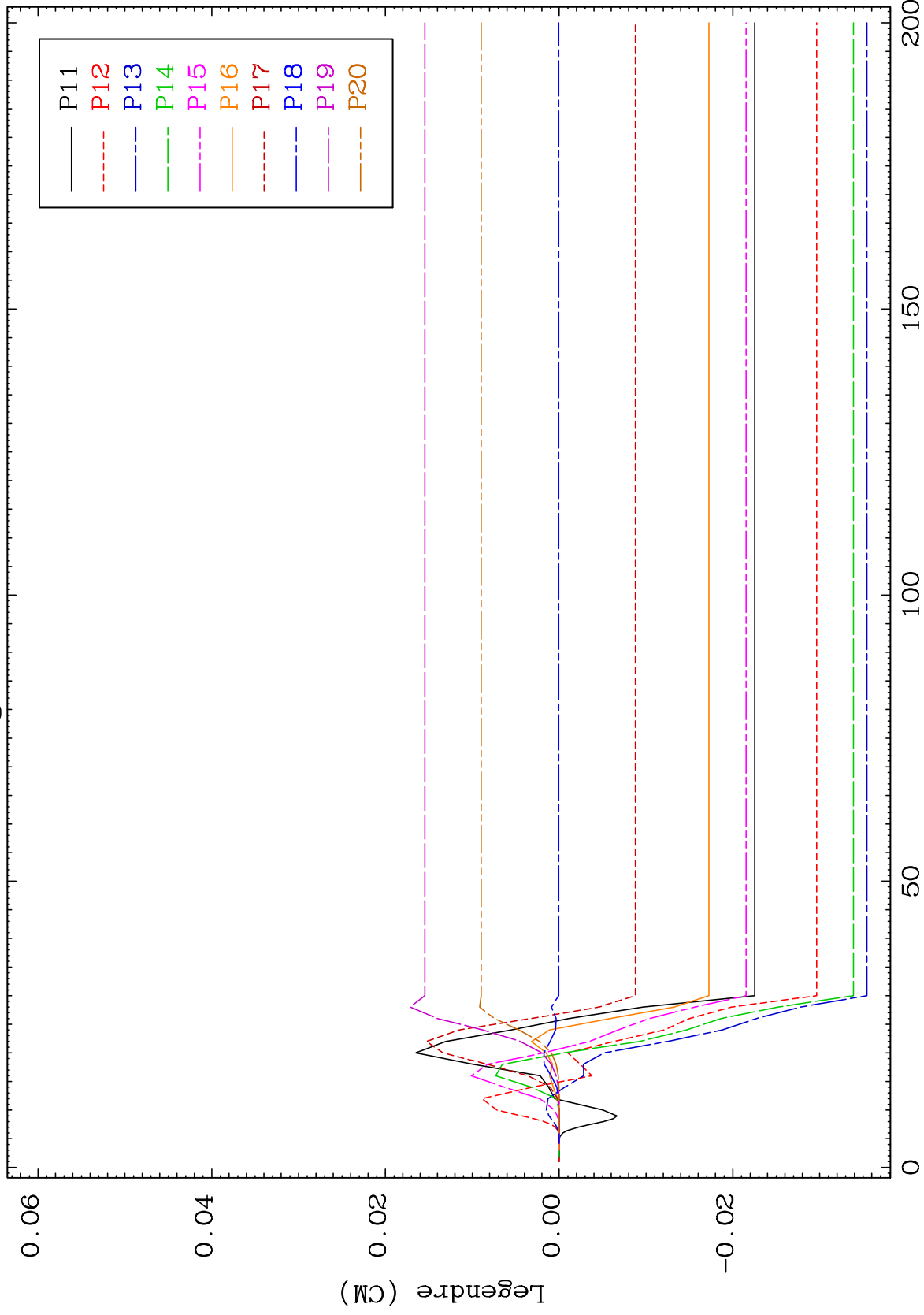
Incident Energy (MeV)

21

MAT 78777

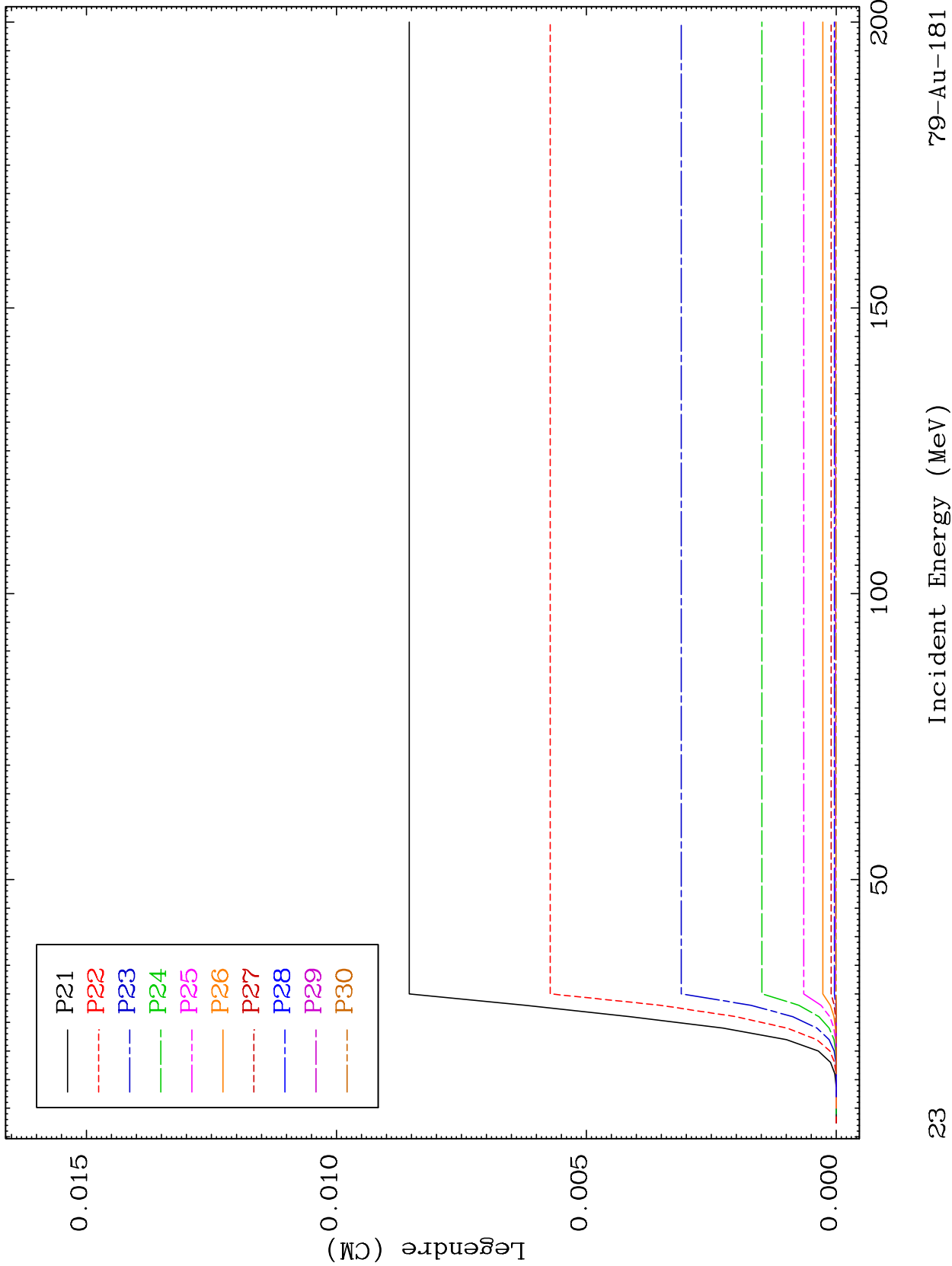
MT= 51 (n,n') Level
Legendre Coefficients

79-Au-181



22

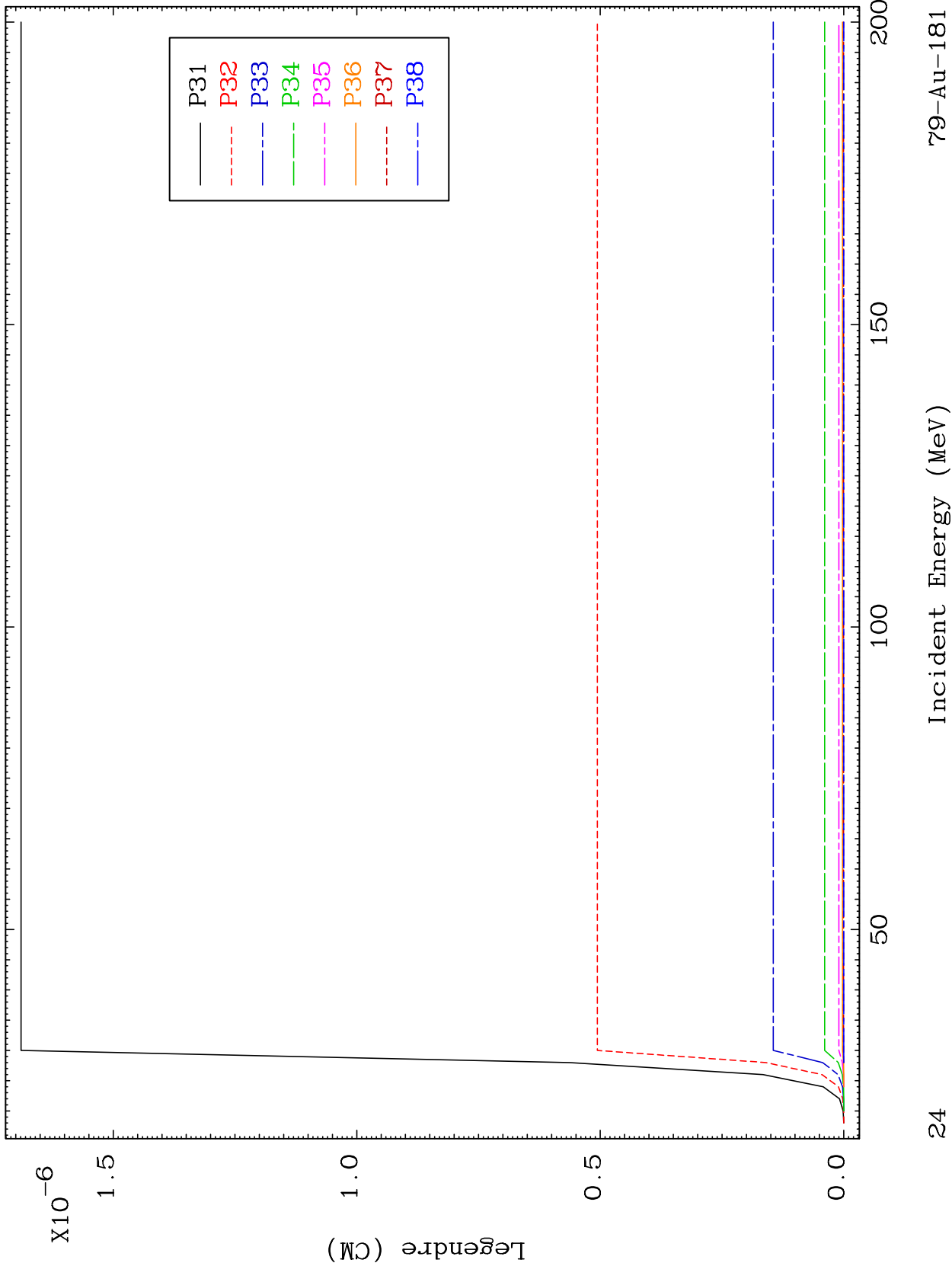
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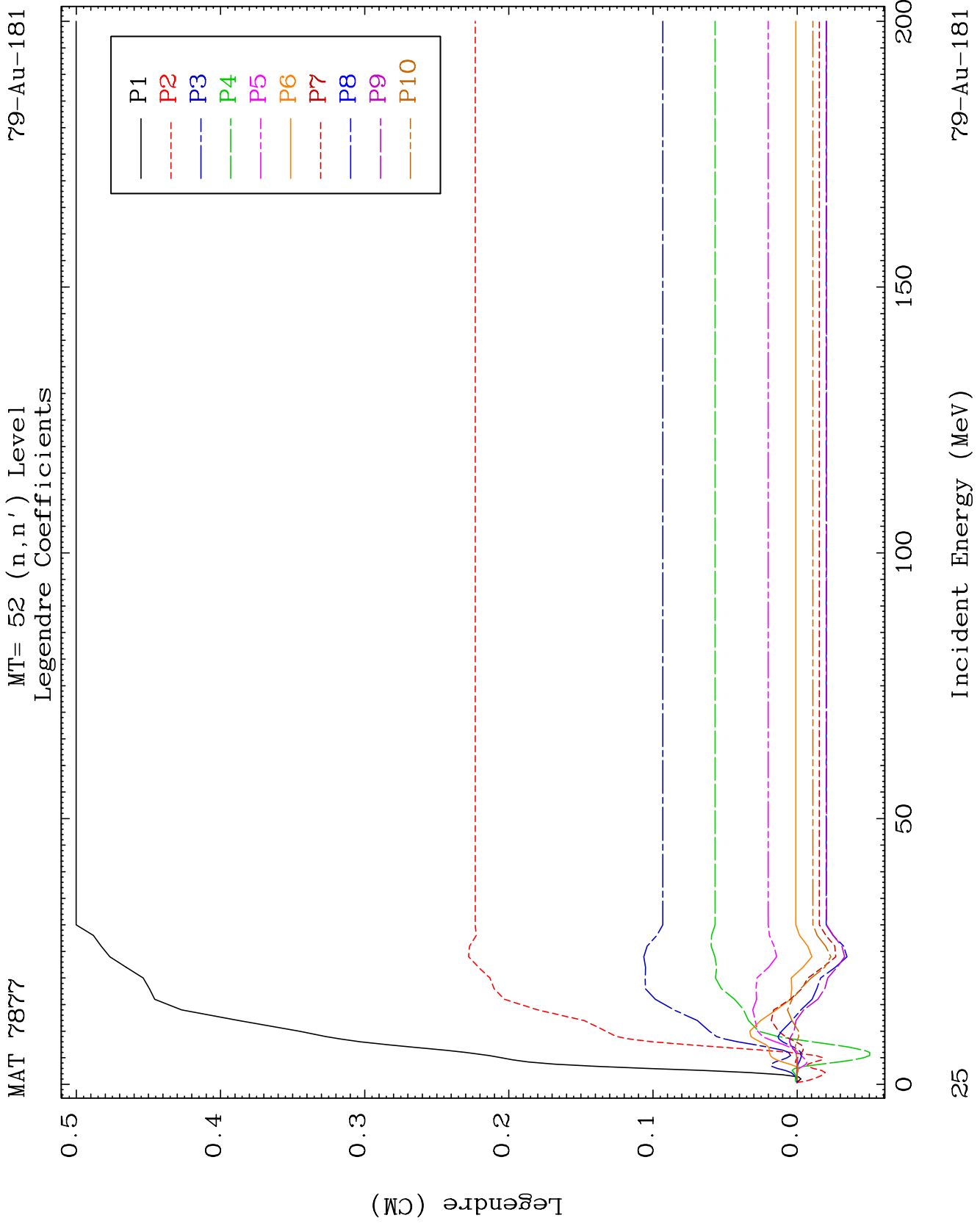


MAT 7877

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

79-Au-181

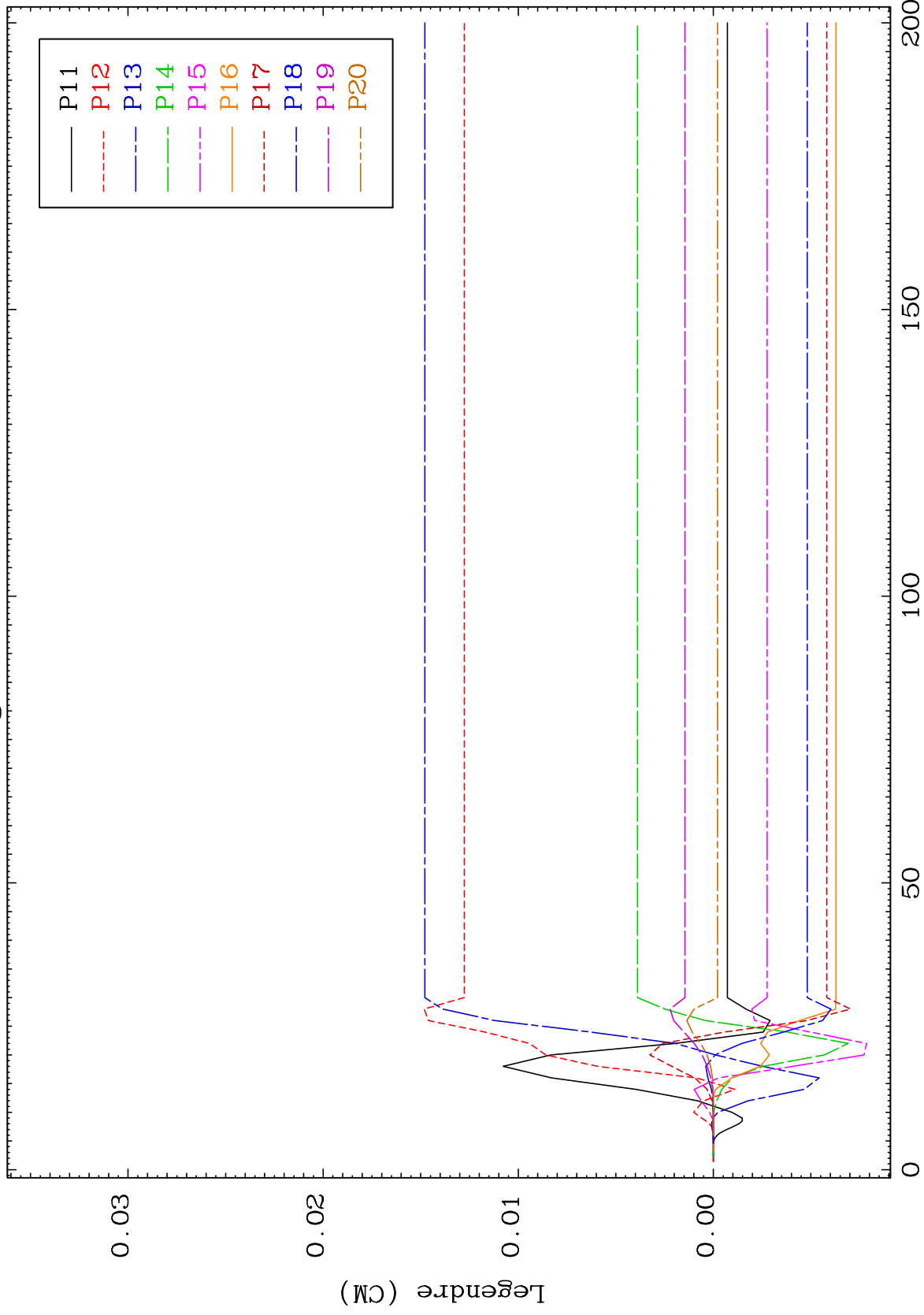




MAT 78777

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

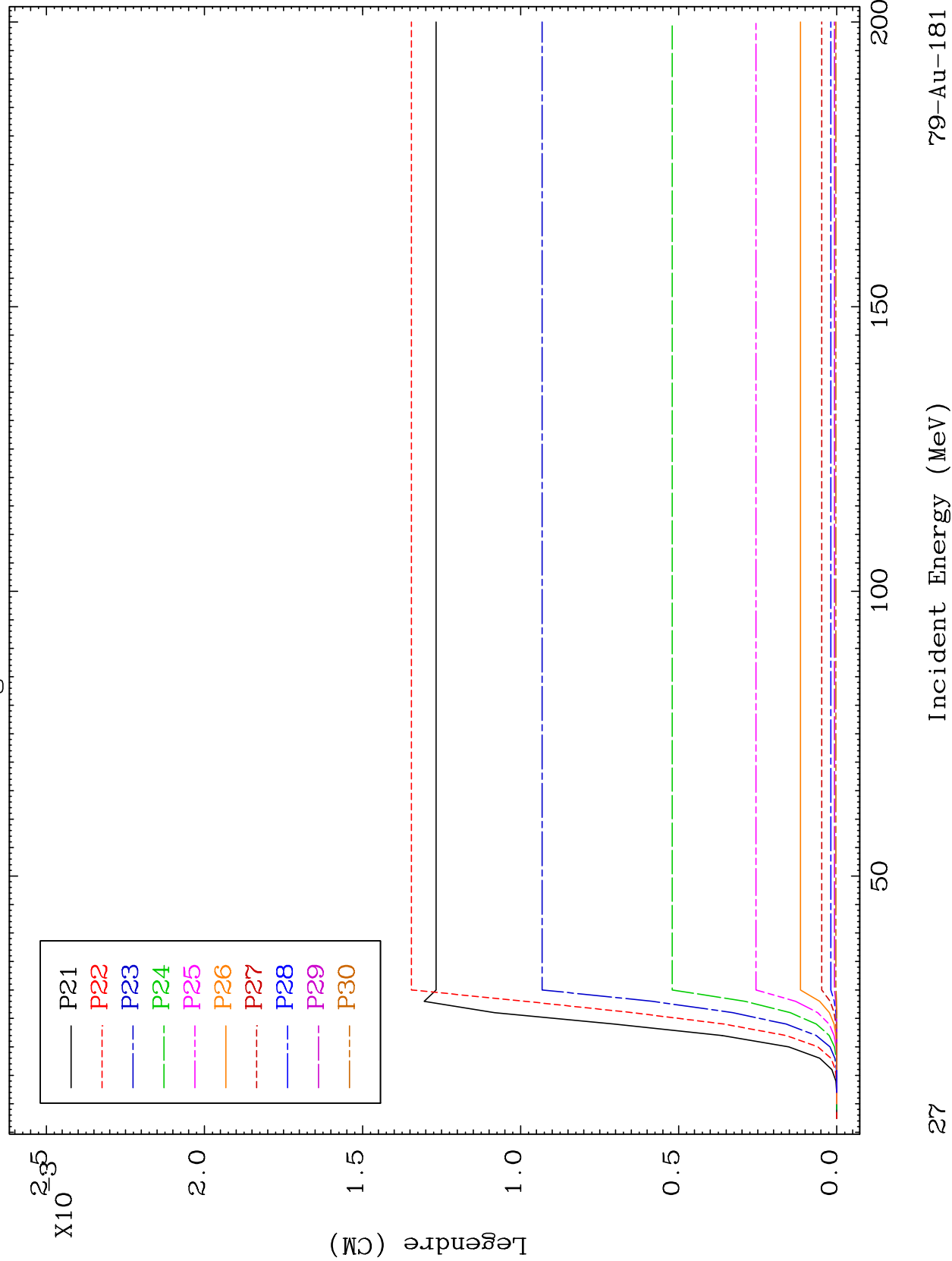
79-Au-181



26

Incident Energy (MeV)

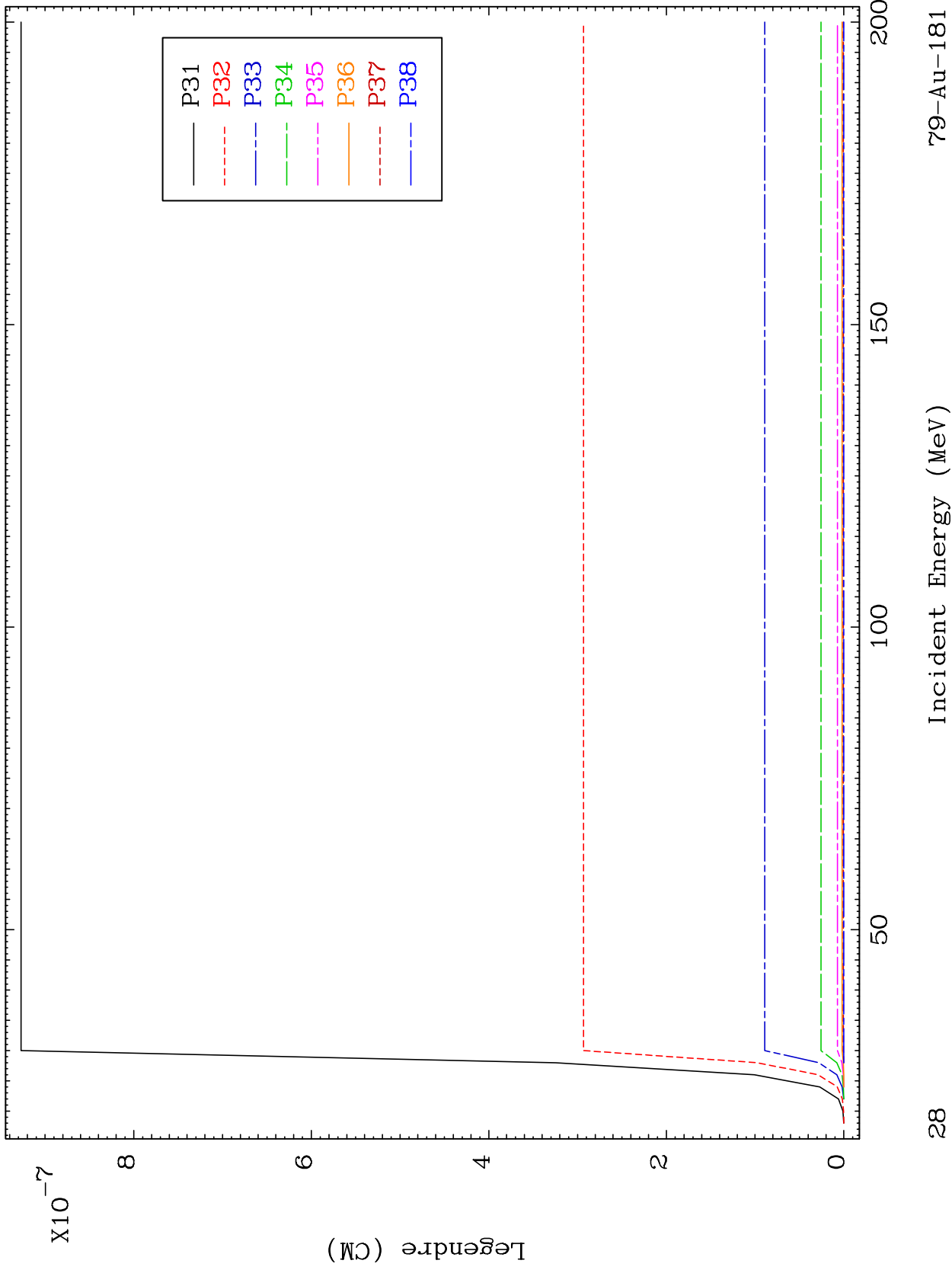
79-Au-181



MAT 7877

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

79-Au-181



28

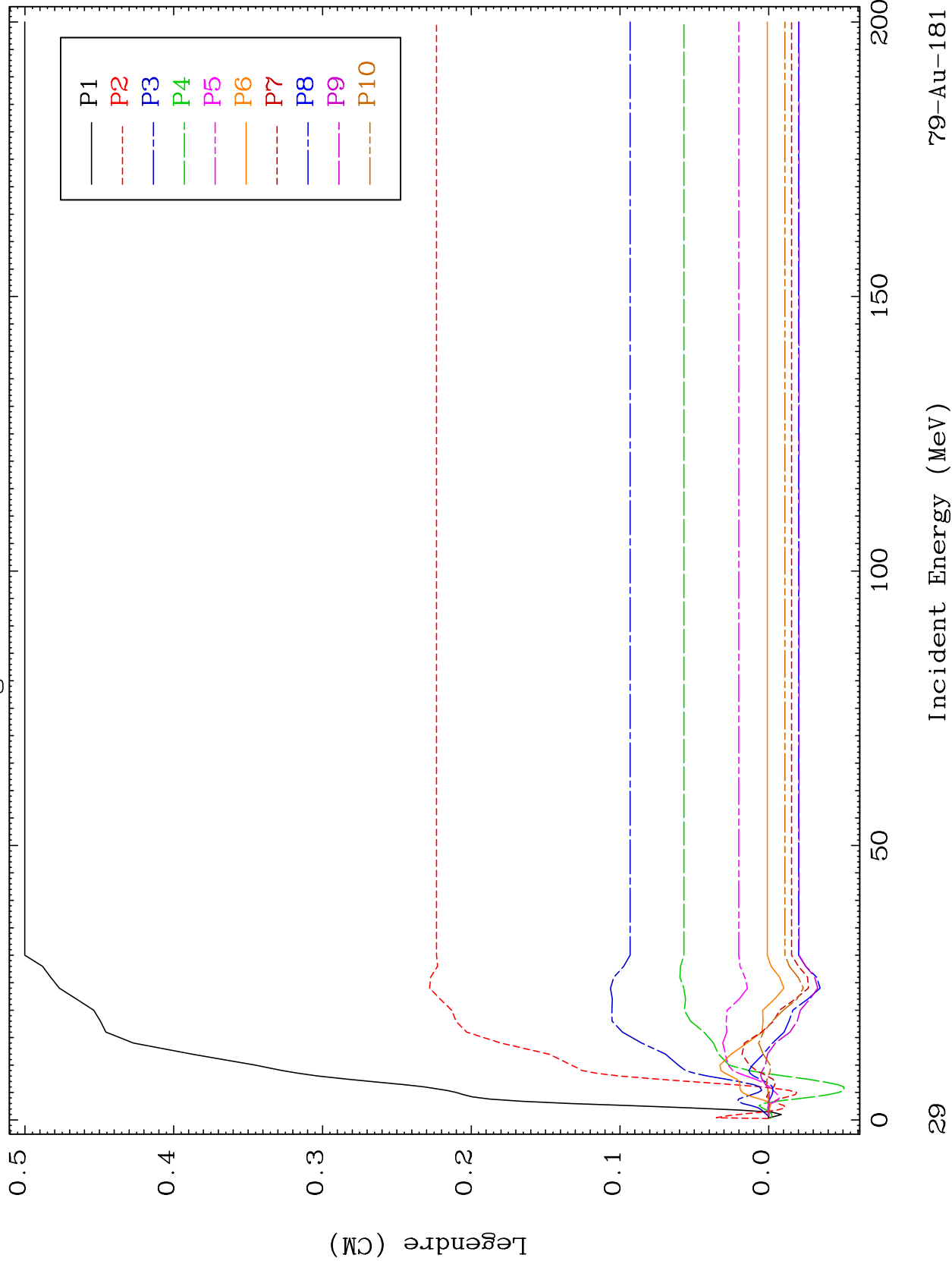
Incident Energy (MeV)

79-Au-181

MAT 7877

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

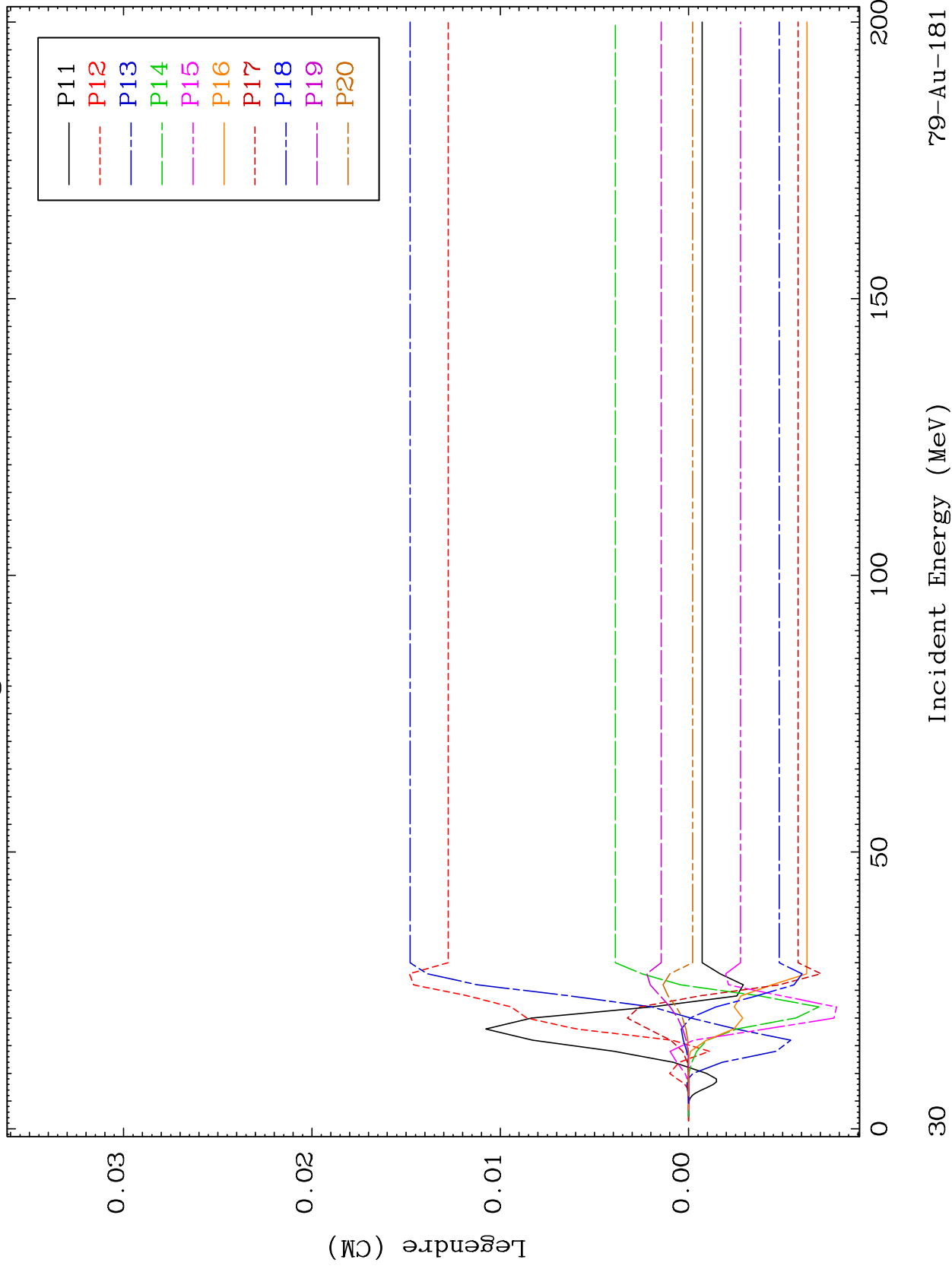
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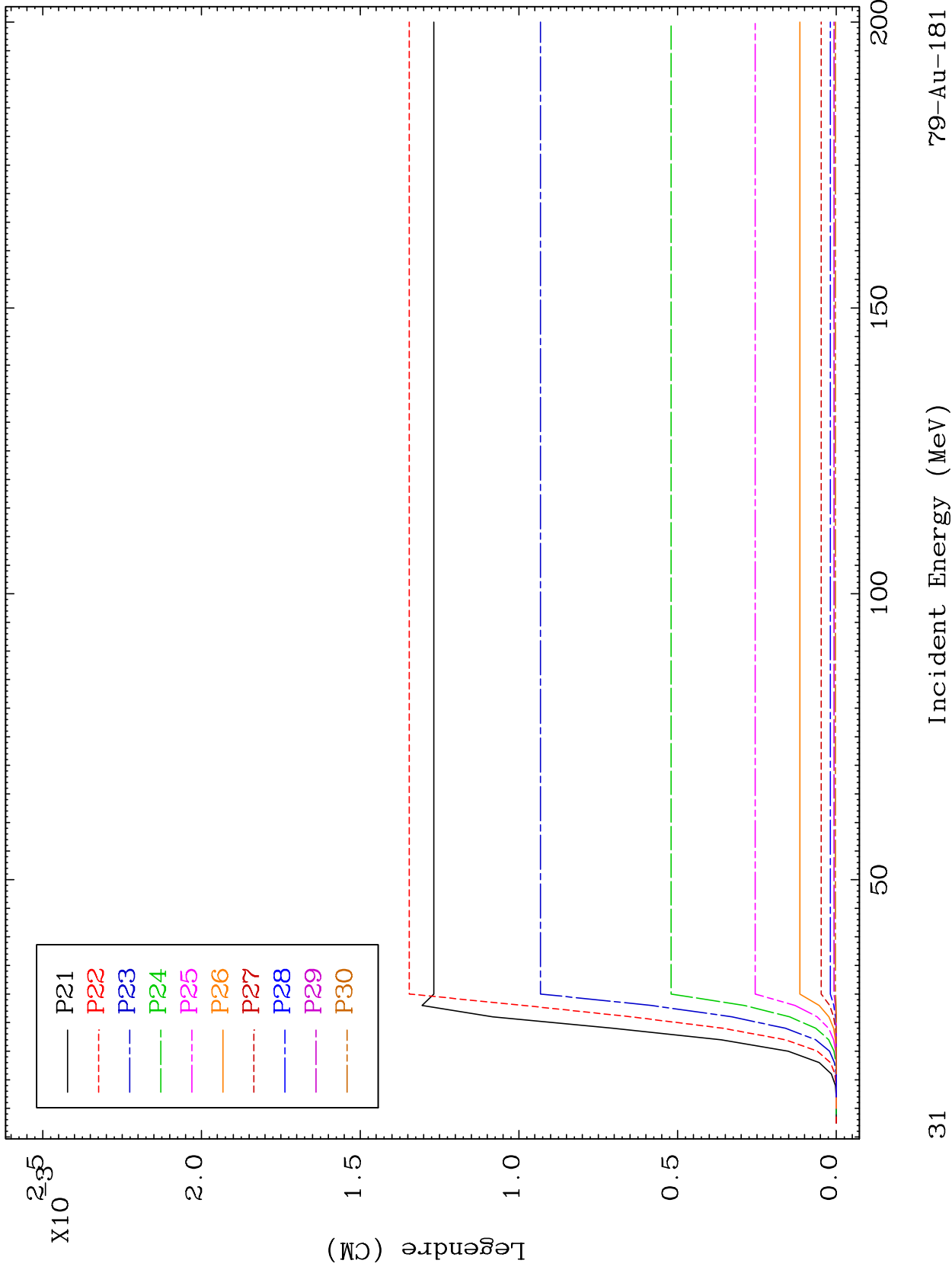


MAT 78777

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

79-Au-181

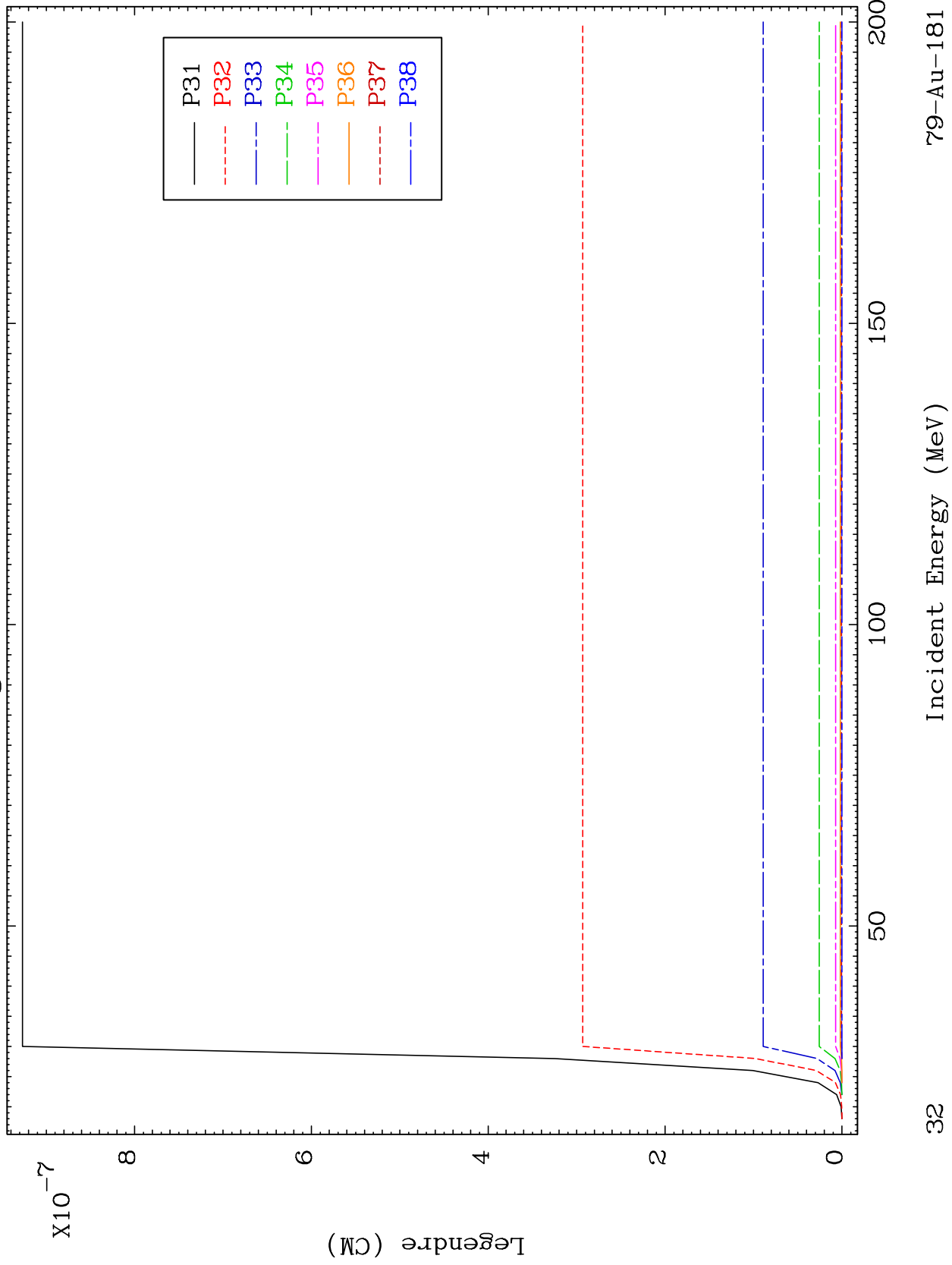




MAT 7877

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

79-Au-181



32

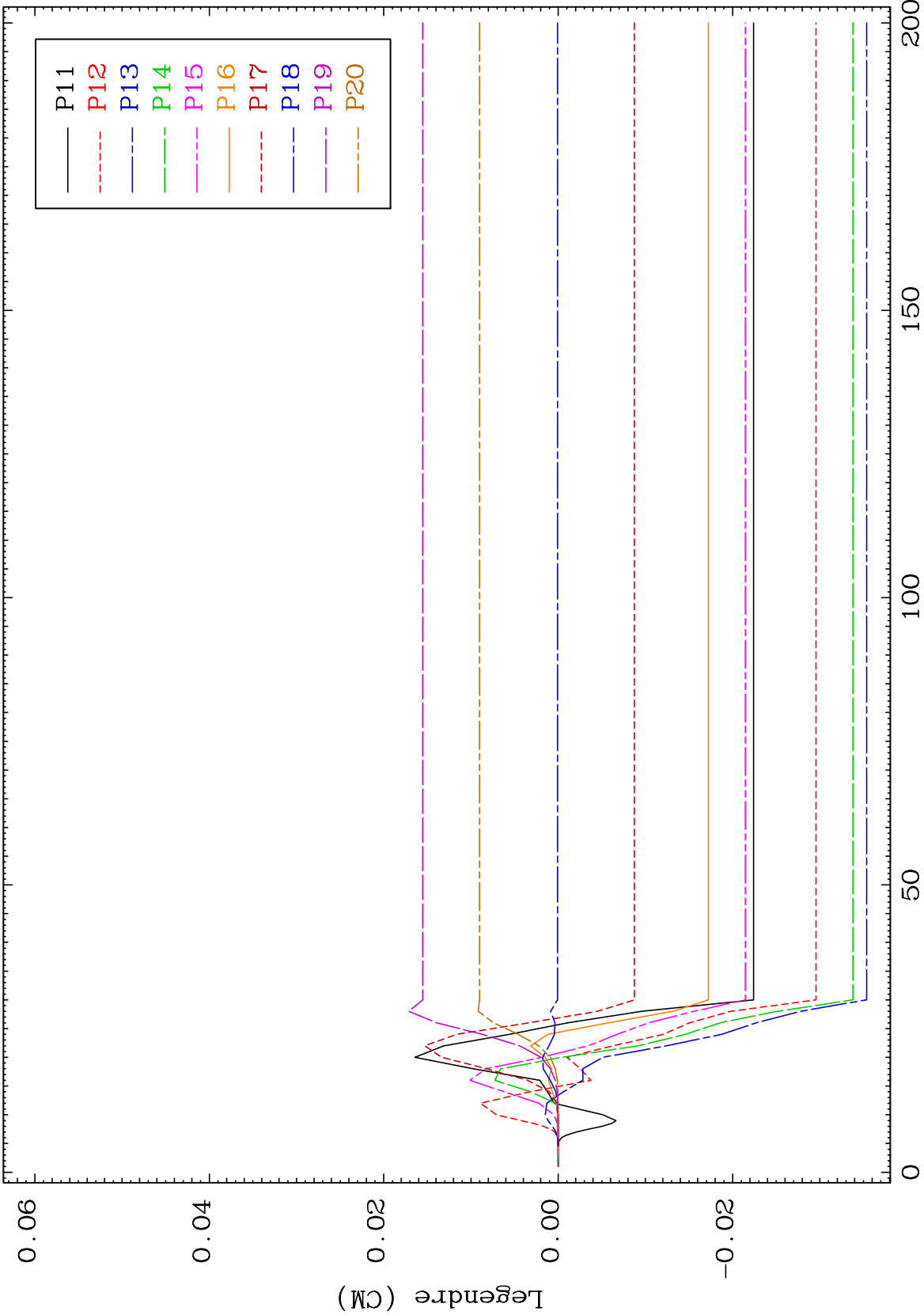
Incident Energy (MeV)

79-Au-181

MAT 78777

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

79-Au-181



34

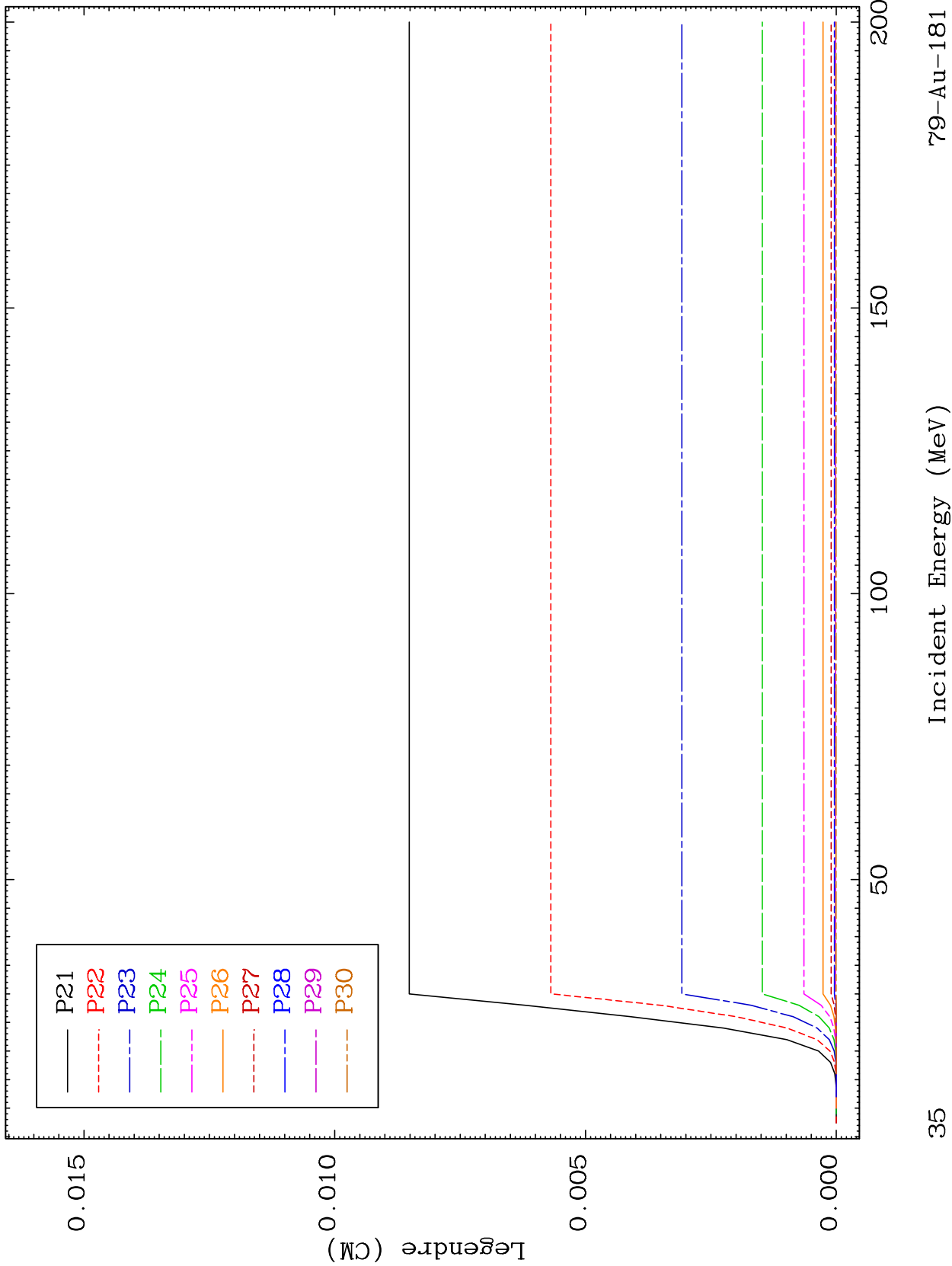
Incident Energy (MeV)

79-Au-181

MAT 78777

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

79-Au-181



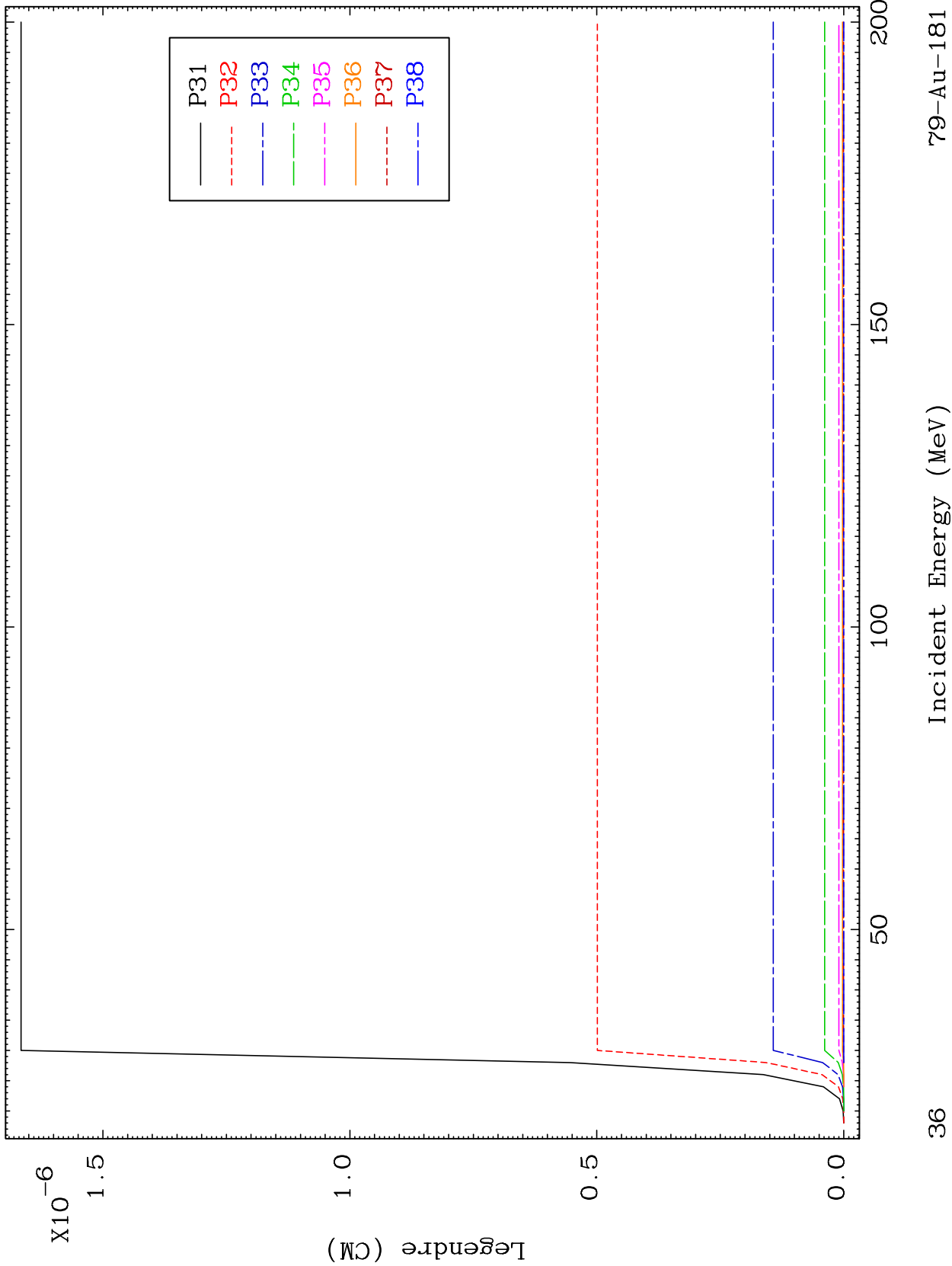
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79-Au-181

MAT 7877

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

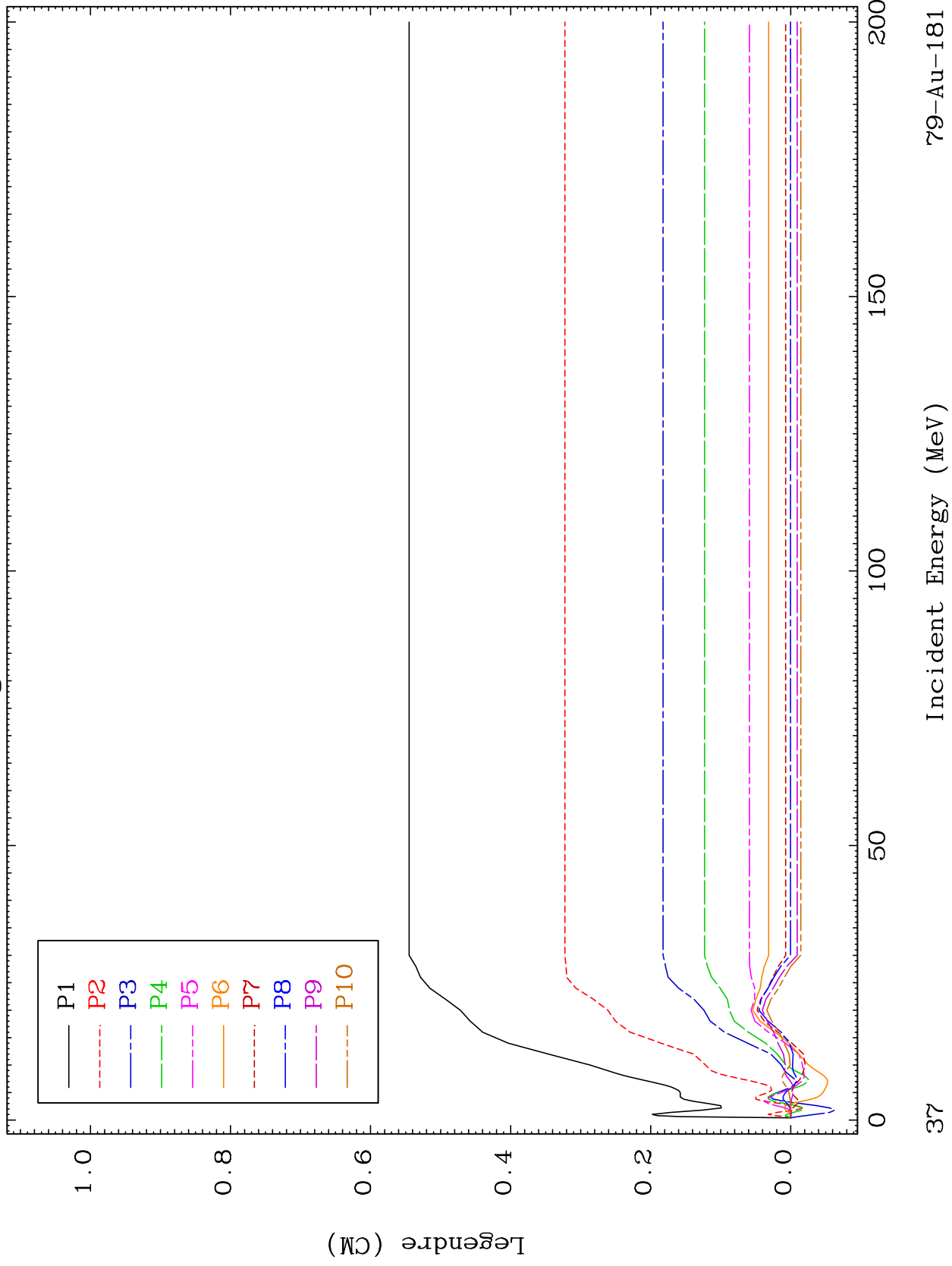
79-Au-181



MAT 7877

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

79-Au-181



37

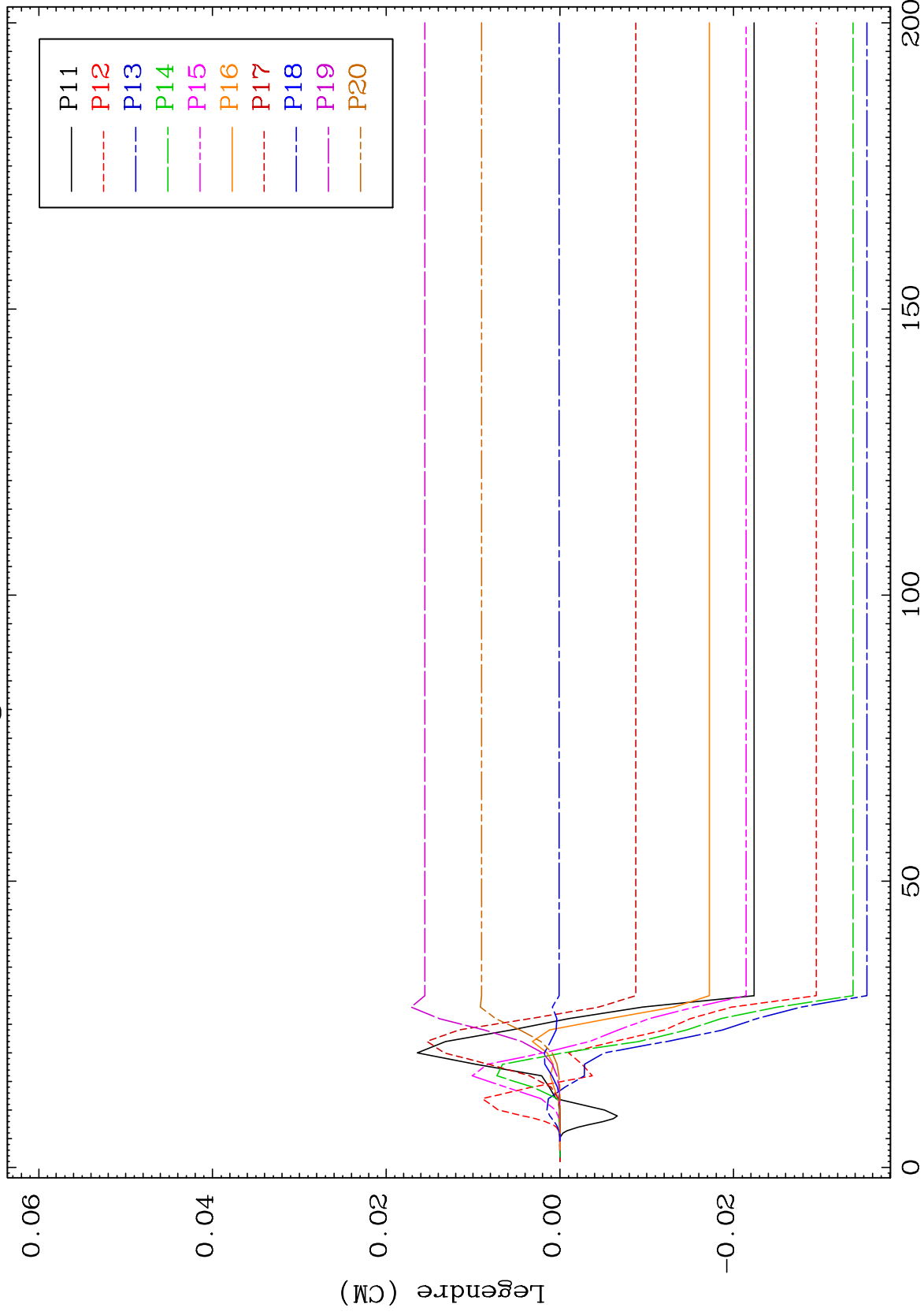
Incident Energy (MeV)

79-Au-181

MAT 78777

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

79-Au-181



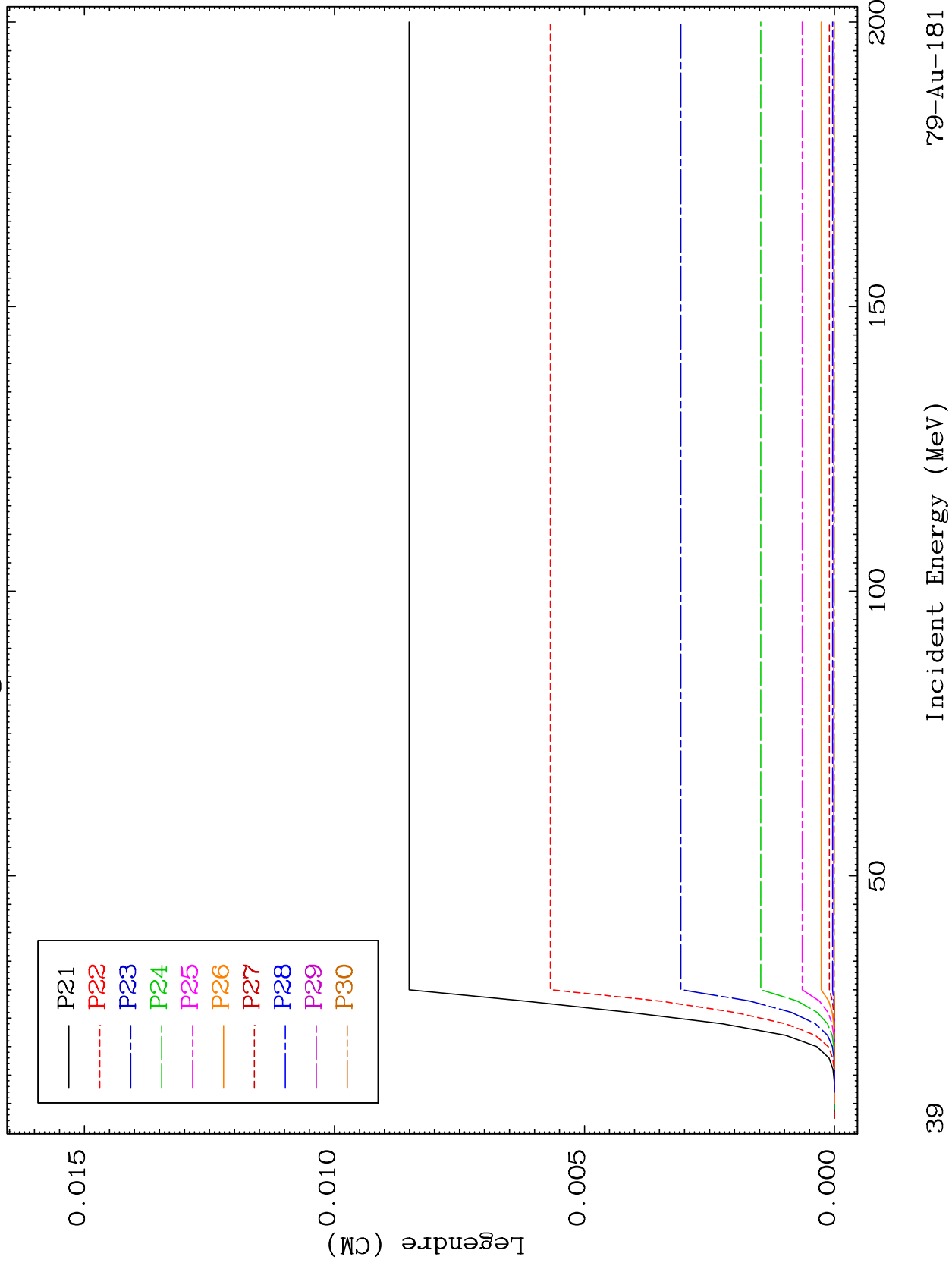
38

79-Au-181

MAT 78777

79-Au-181

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



39

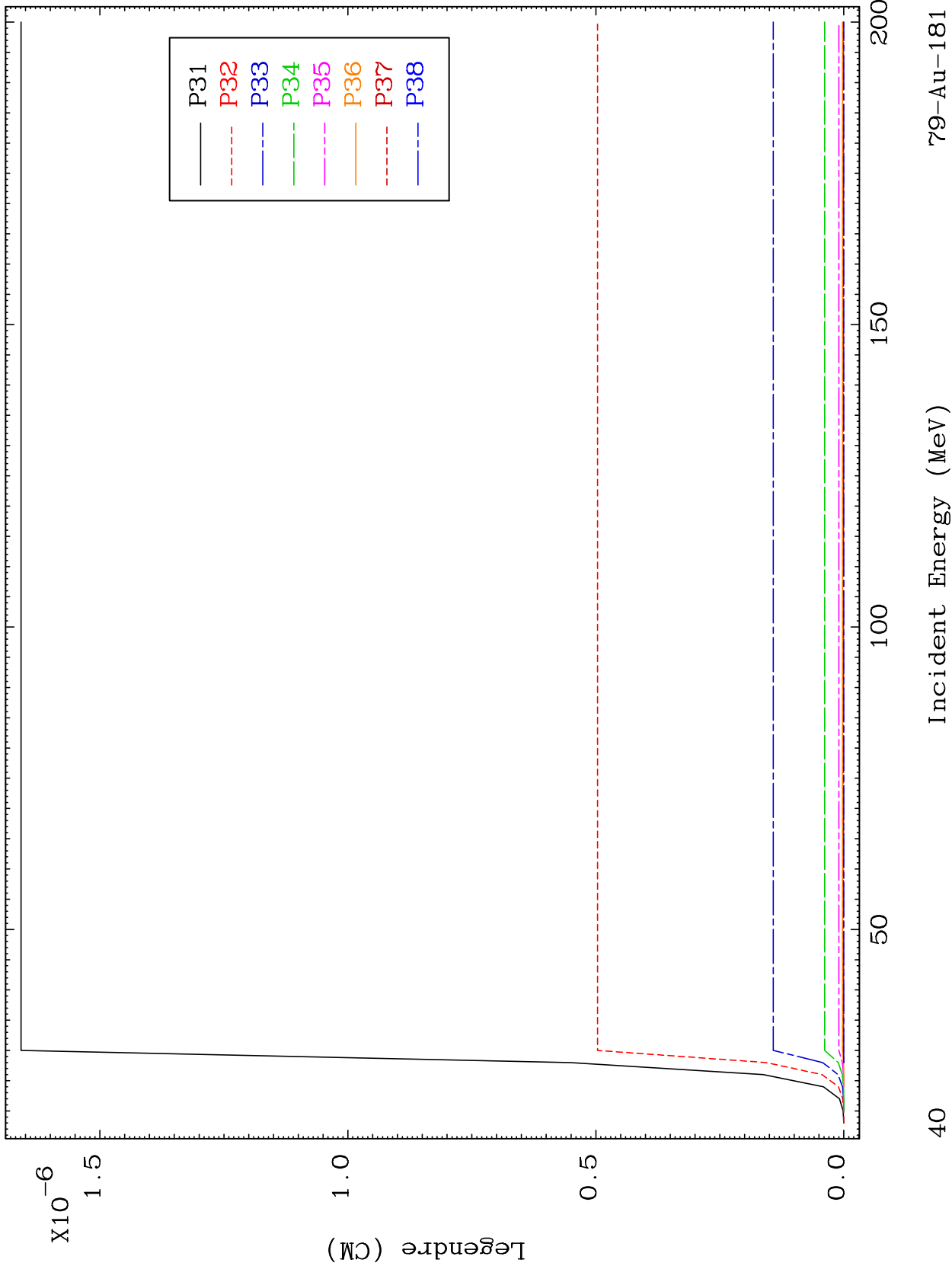
79-Au-181

Incident Energy (MeV)

MAT 7877

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

79-Au-181



40

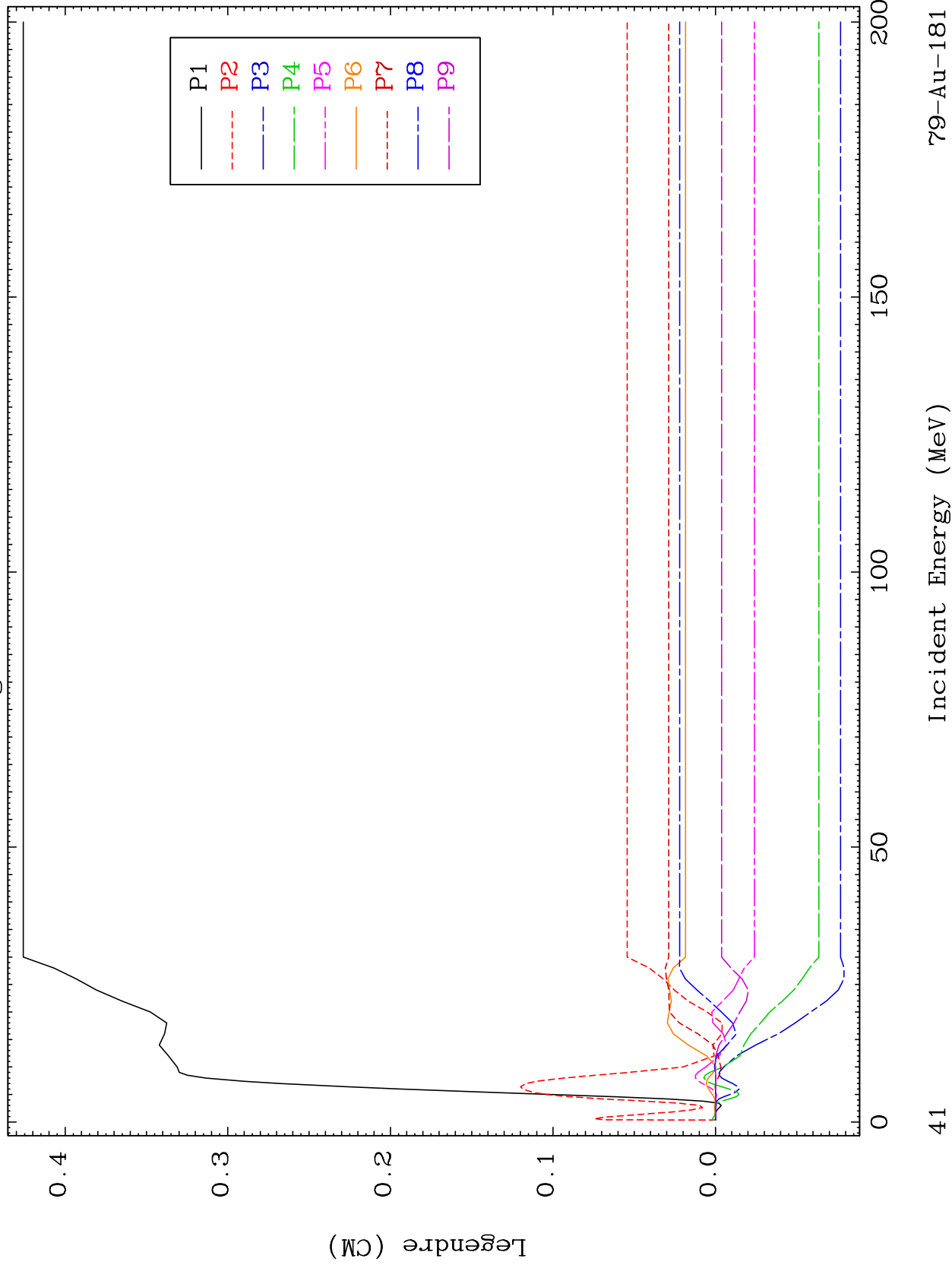
Incident Energy (MeV)

79-Au-181

MAT 7877

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

79-Au-181



79-Au-181

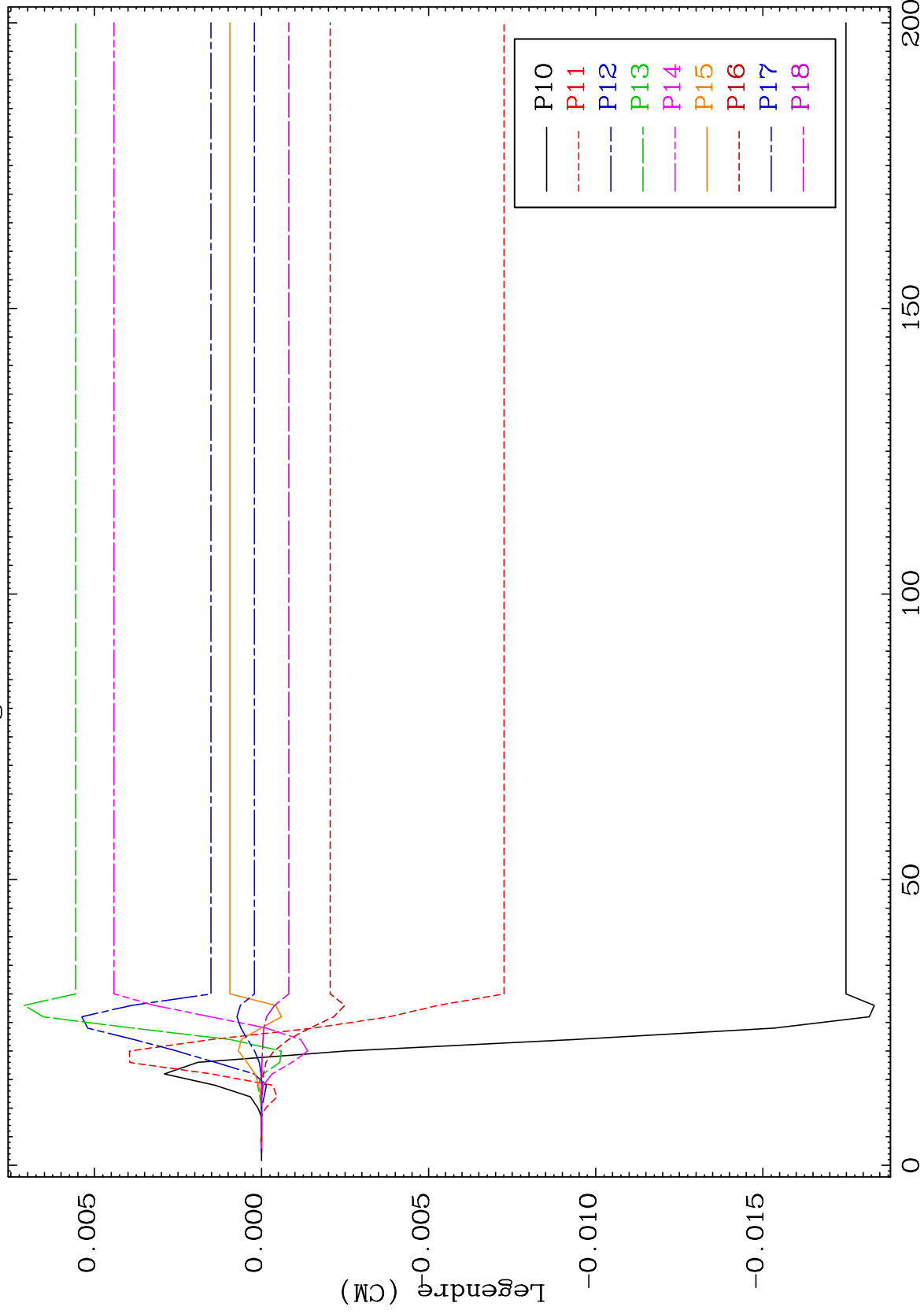
Incident Energy (MeV)

41

MAT 7877

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

79-Au-181



42

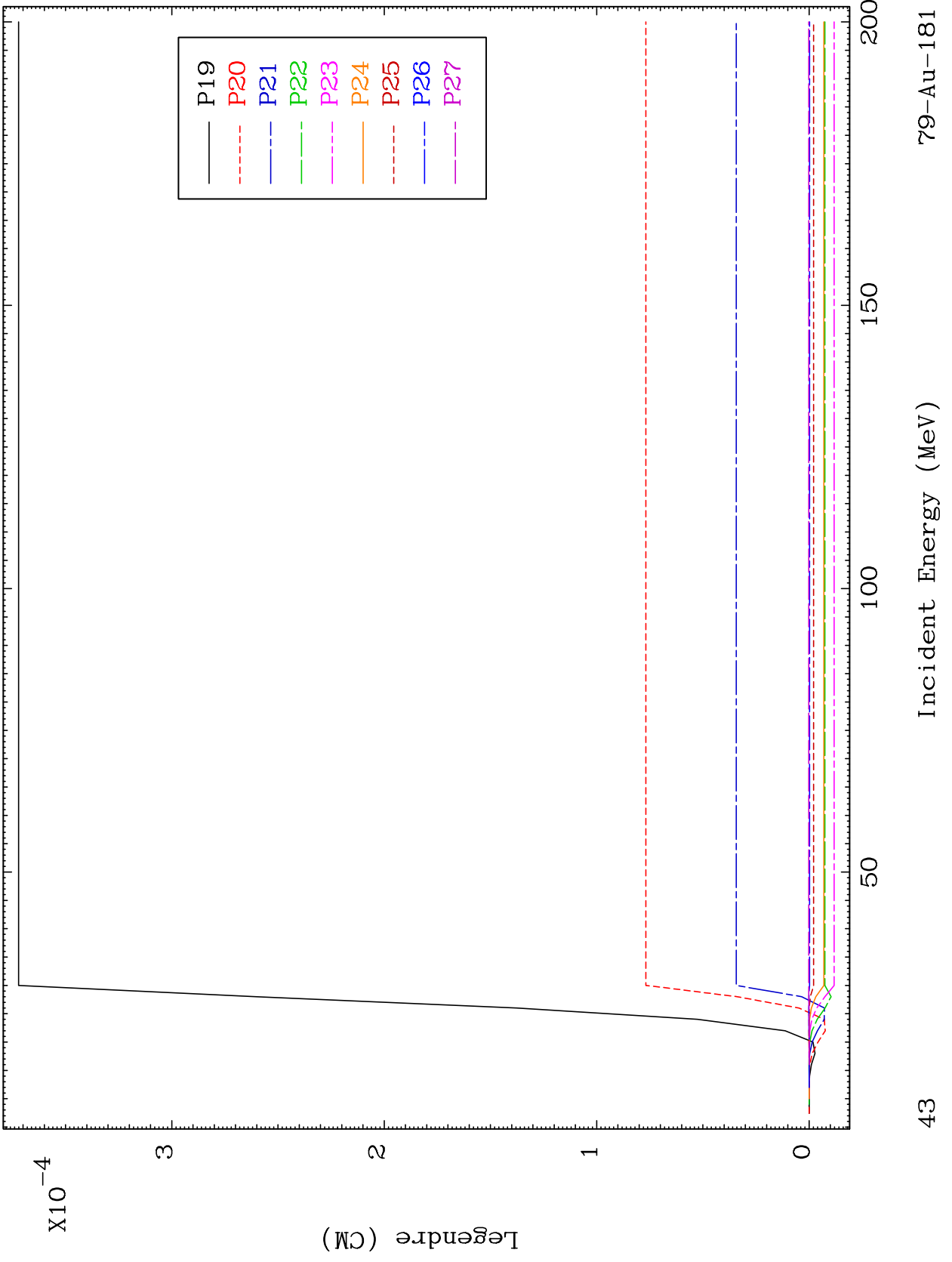
Incident Energy (MeV)

79-Au-181

MAT 7877

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

79-Au-181



43

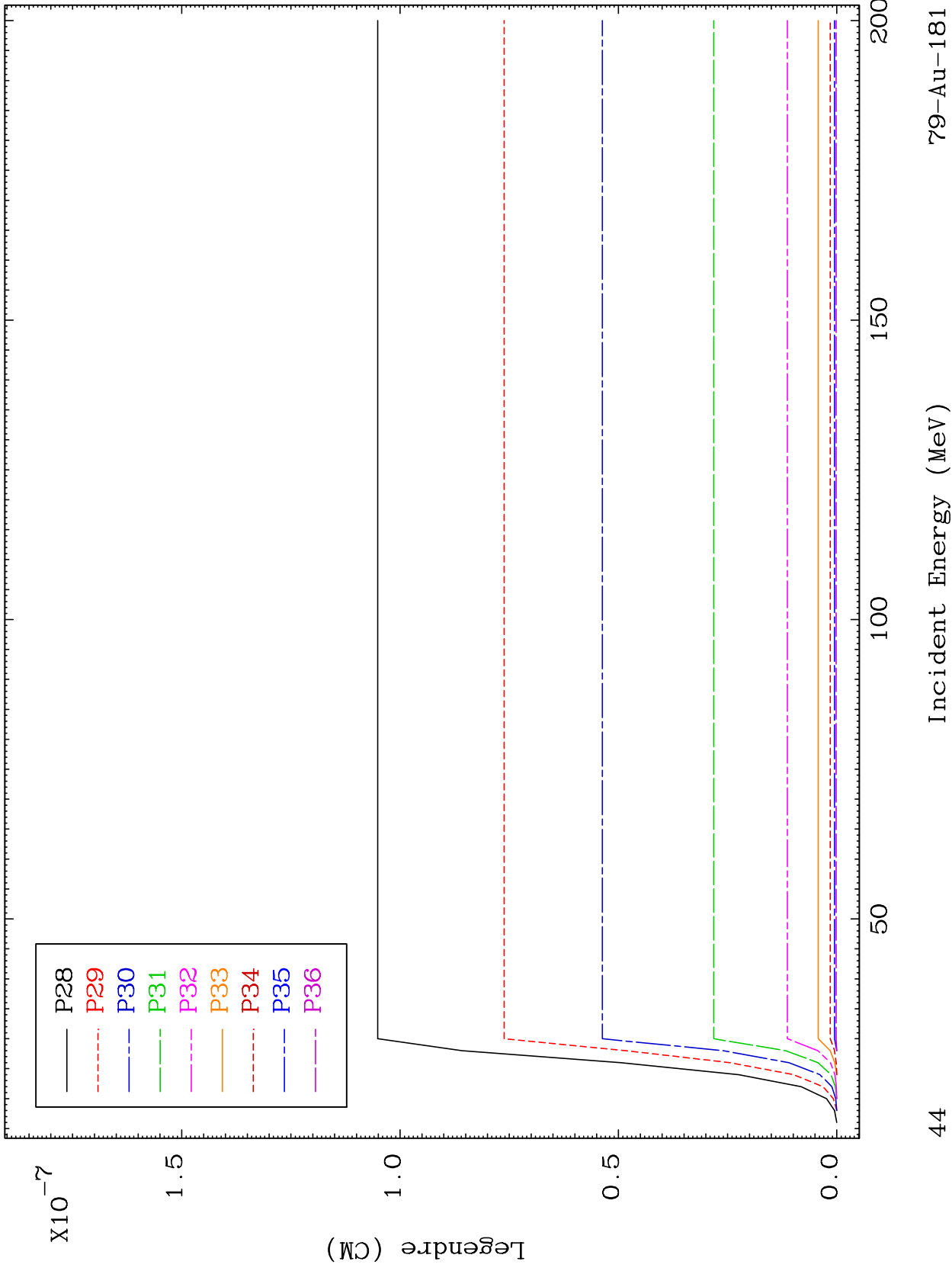
Incident Energy (MeV)

79-Au-181

MAT 7877

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

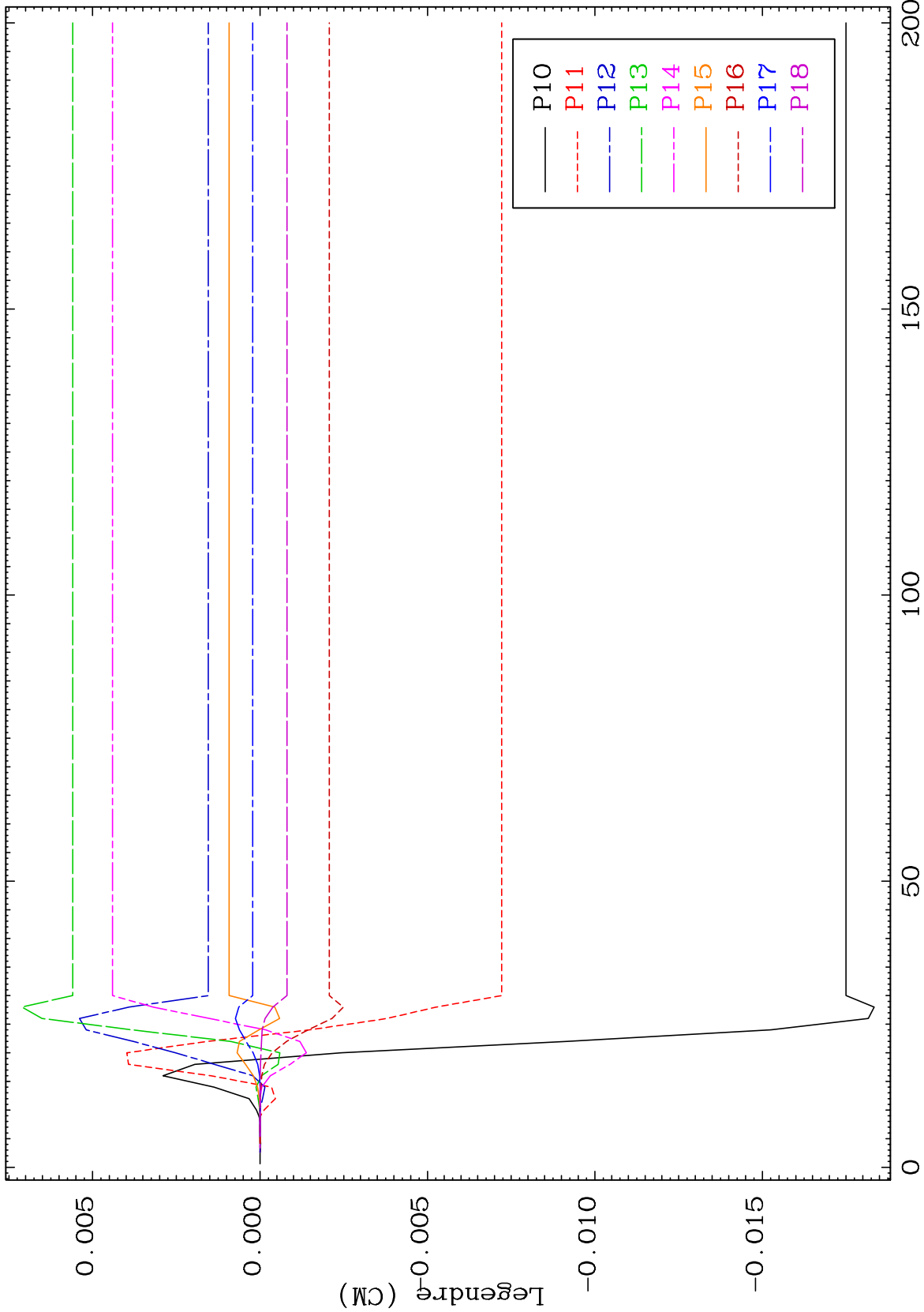
79-Au-181



MAT 7877

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

79-Au-181



46

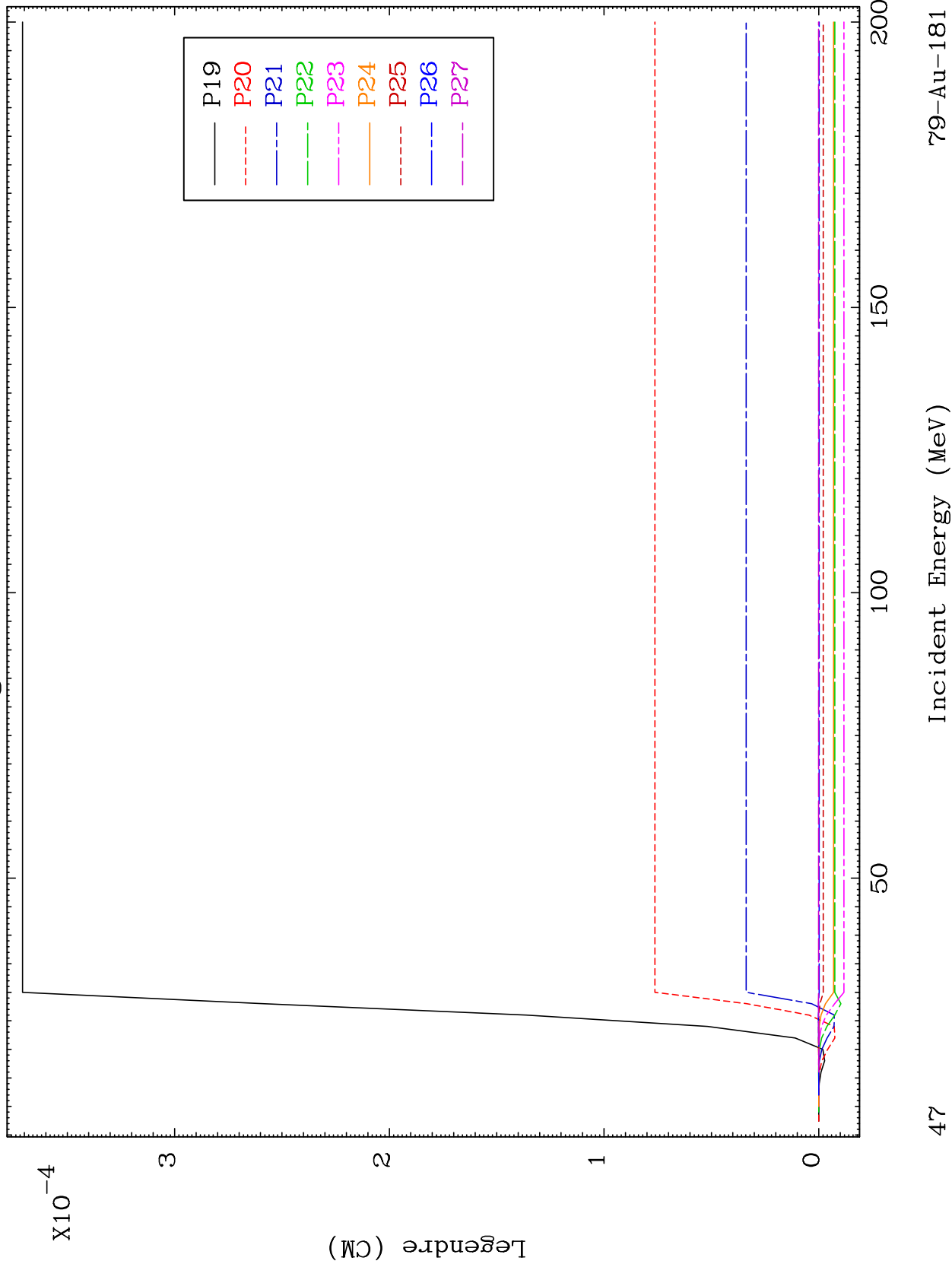
Incident Energy (MeV)

79-Au-181

MAT 7877

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

79-Au-181



47

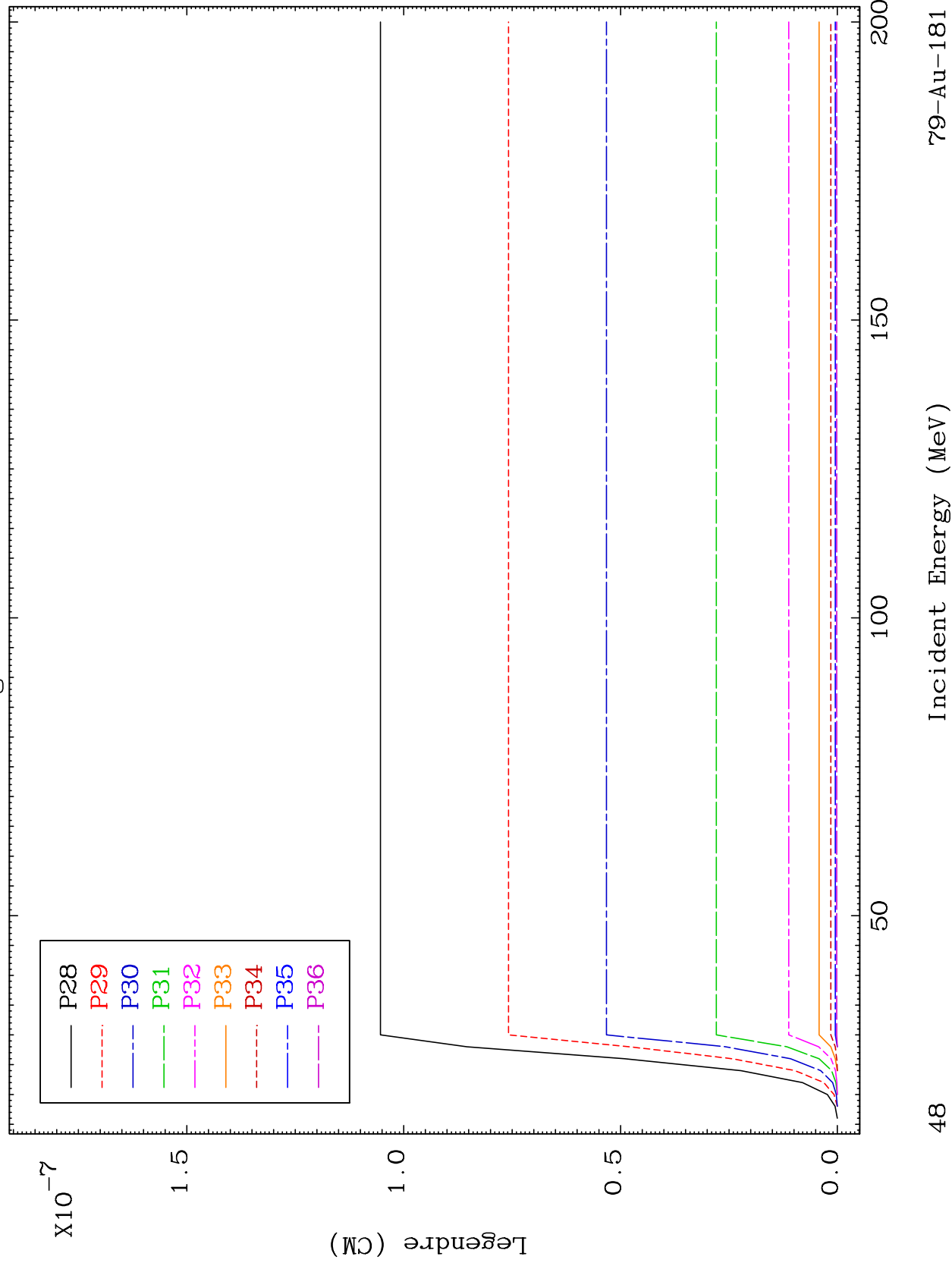
Incident Energy (MeV)

79-Au-181

MAT 7877

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

79-Au-181



48

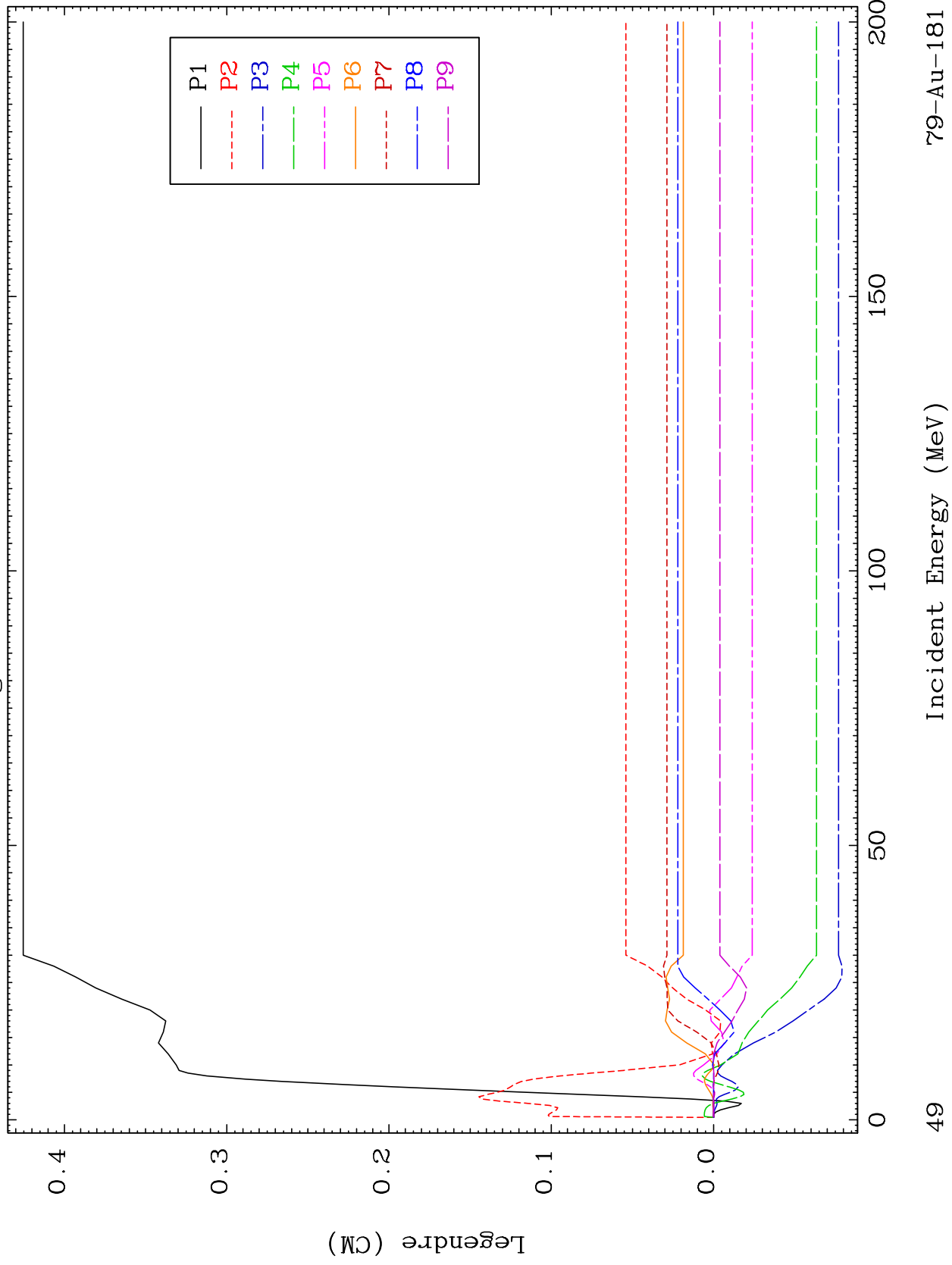
Incident Energy (MeV)

79-Au-181

MAT 7877

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

79-Au-181



79-Au-181

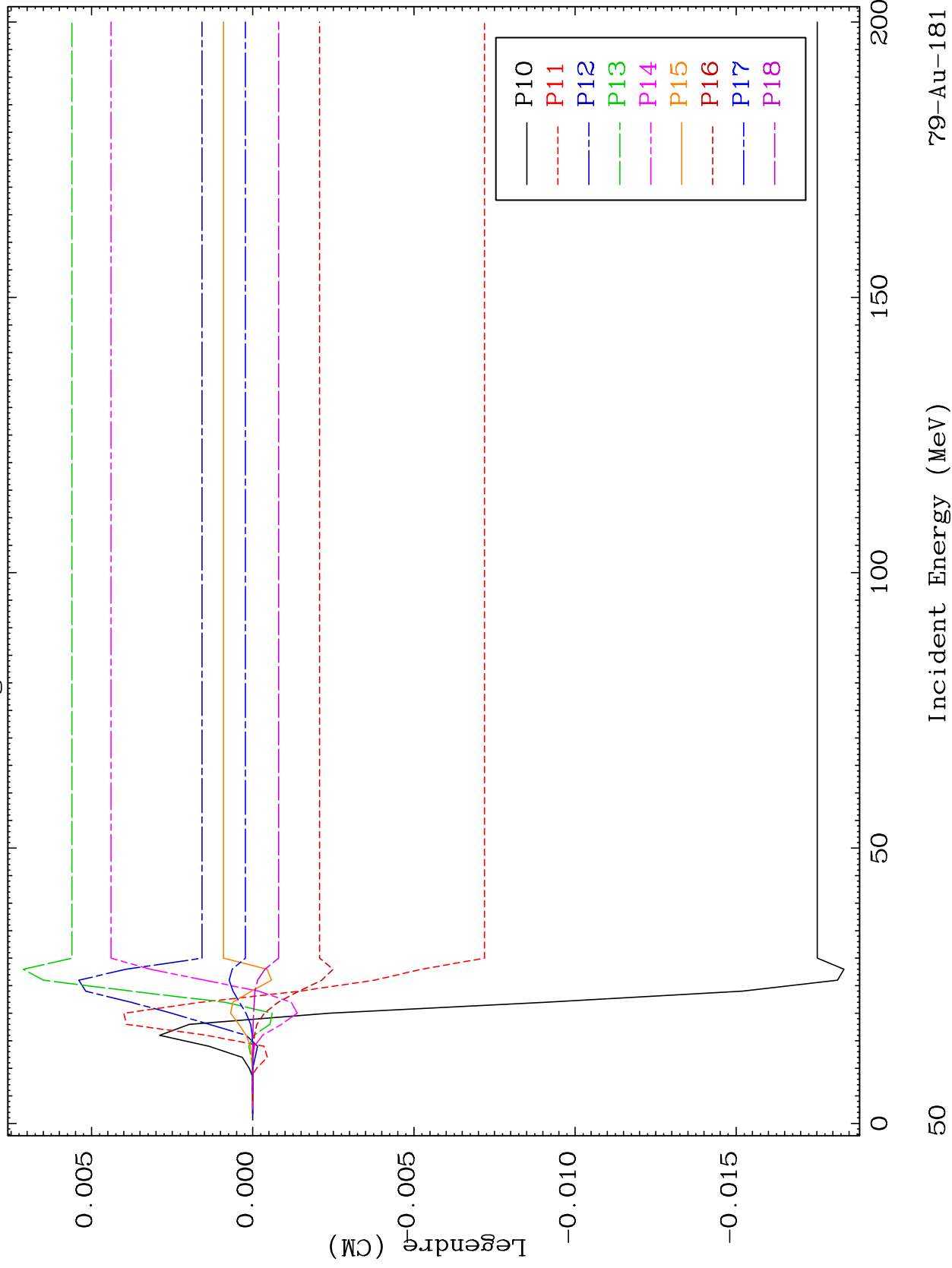
Incident Energy (MeV)

49

MAT 78777

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

79-Au-181



79-Au-181

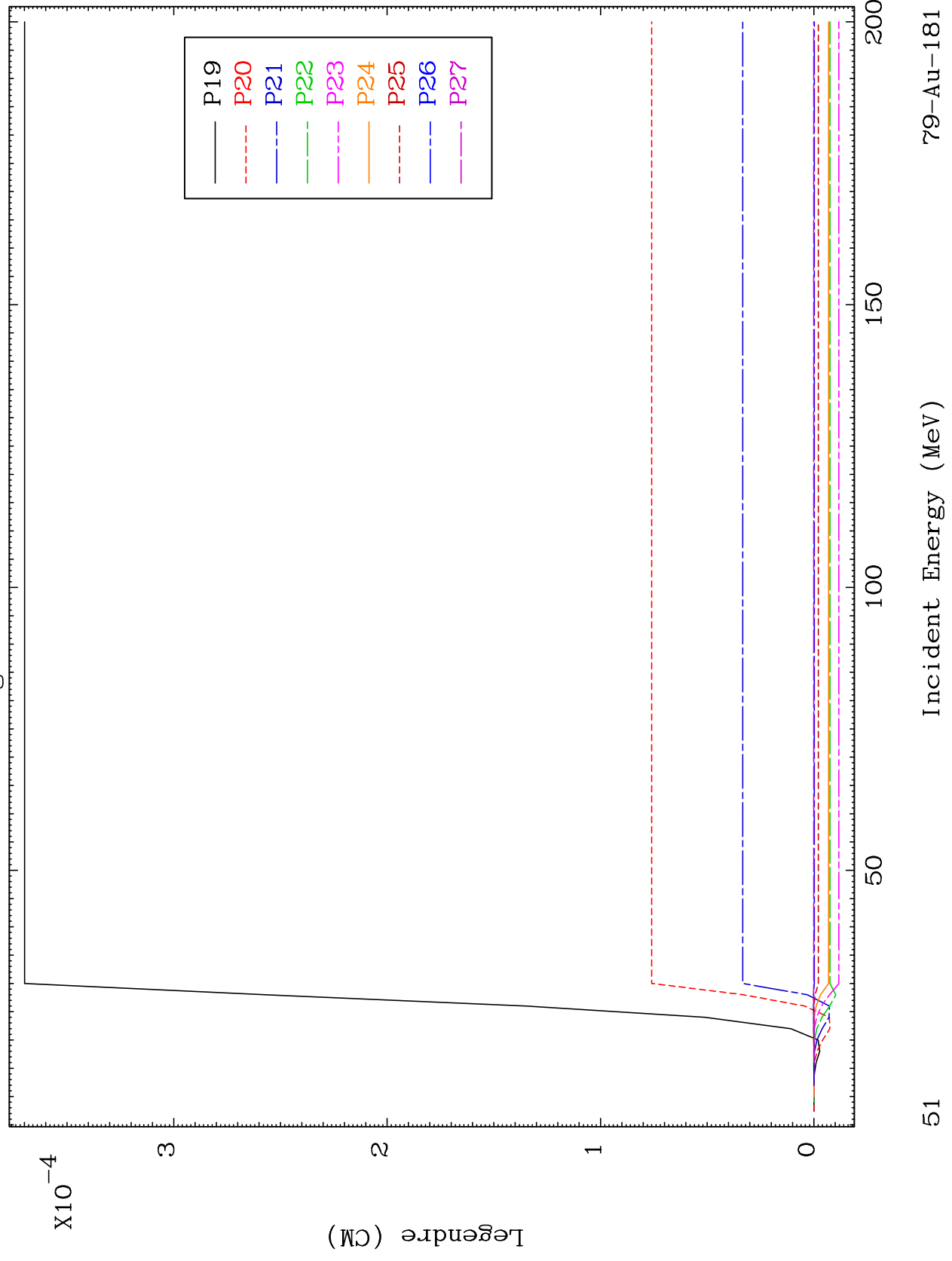
Incident Energy (MeV)

50

MAT 7877

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

79-Au-181



51

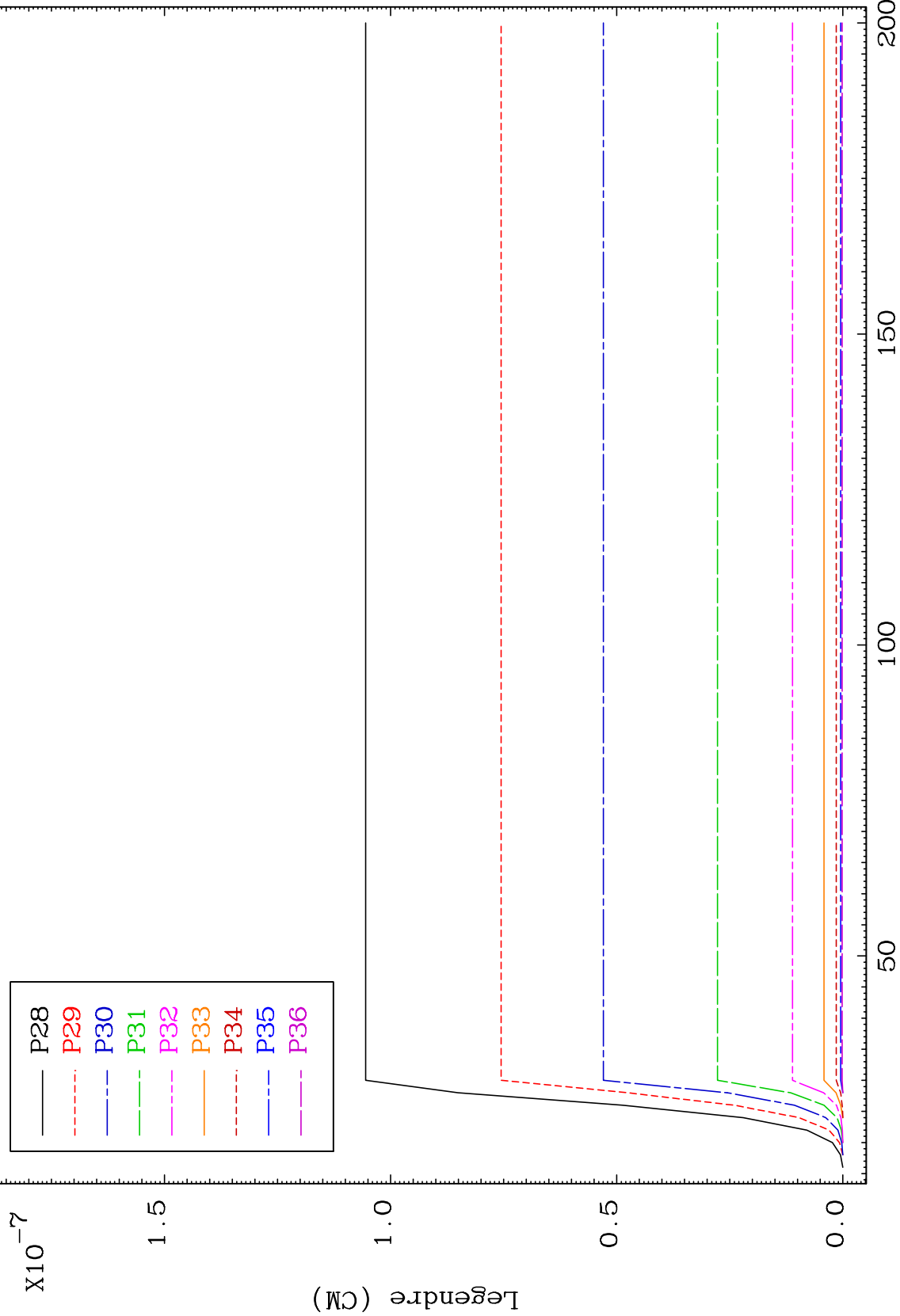
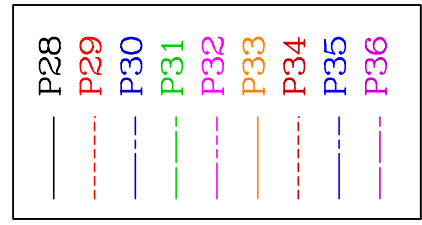
Incident Energy (MeV)

79-Au-181

MAT 7877

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

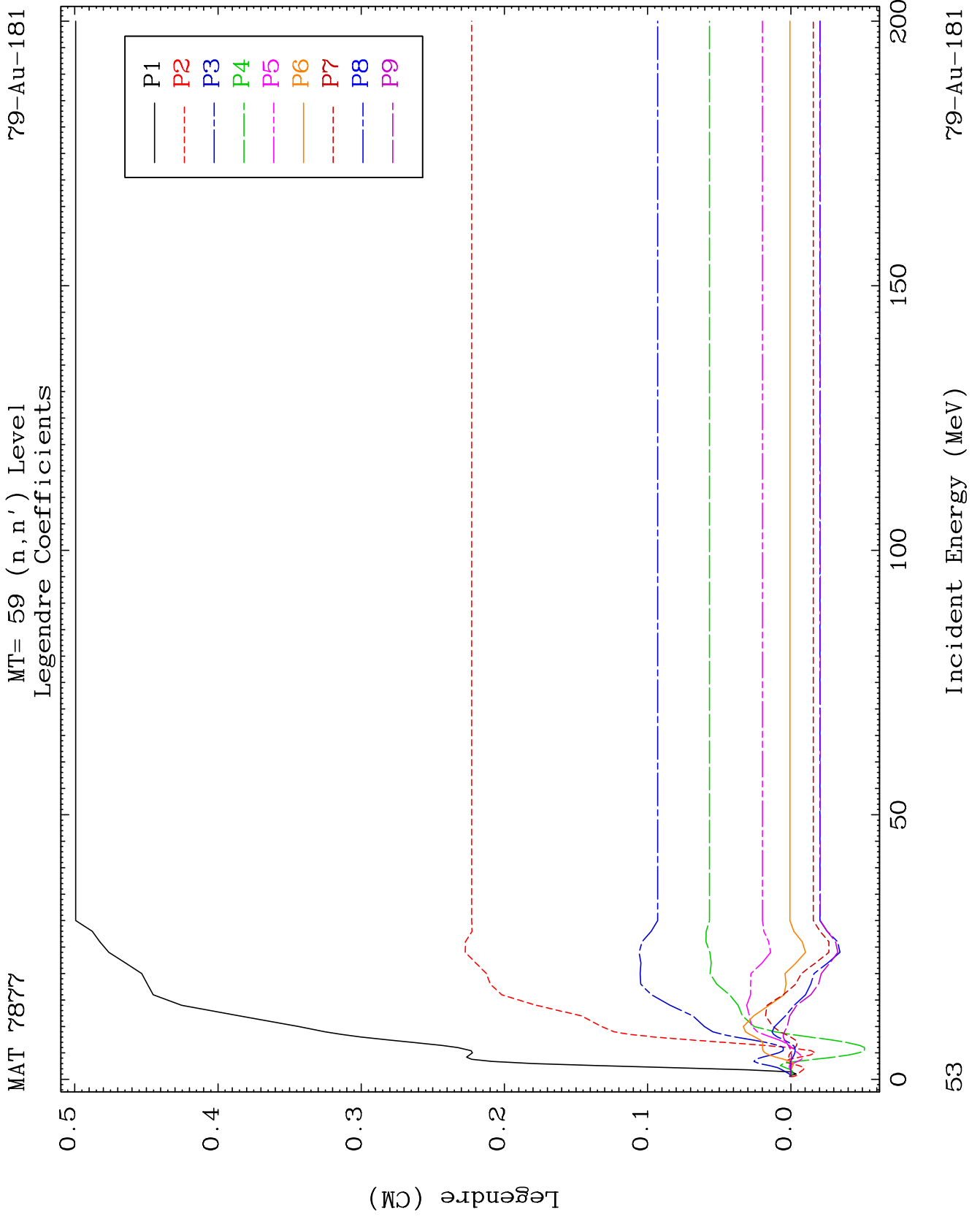
79-Au-181



52

Incident Energy (MeV)

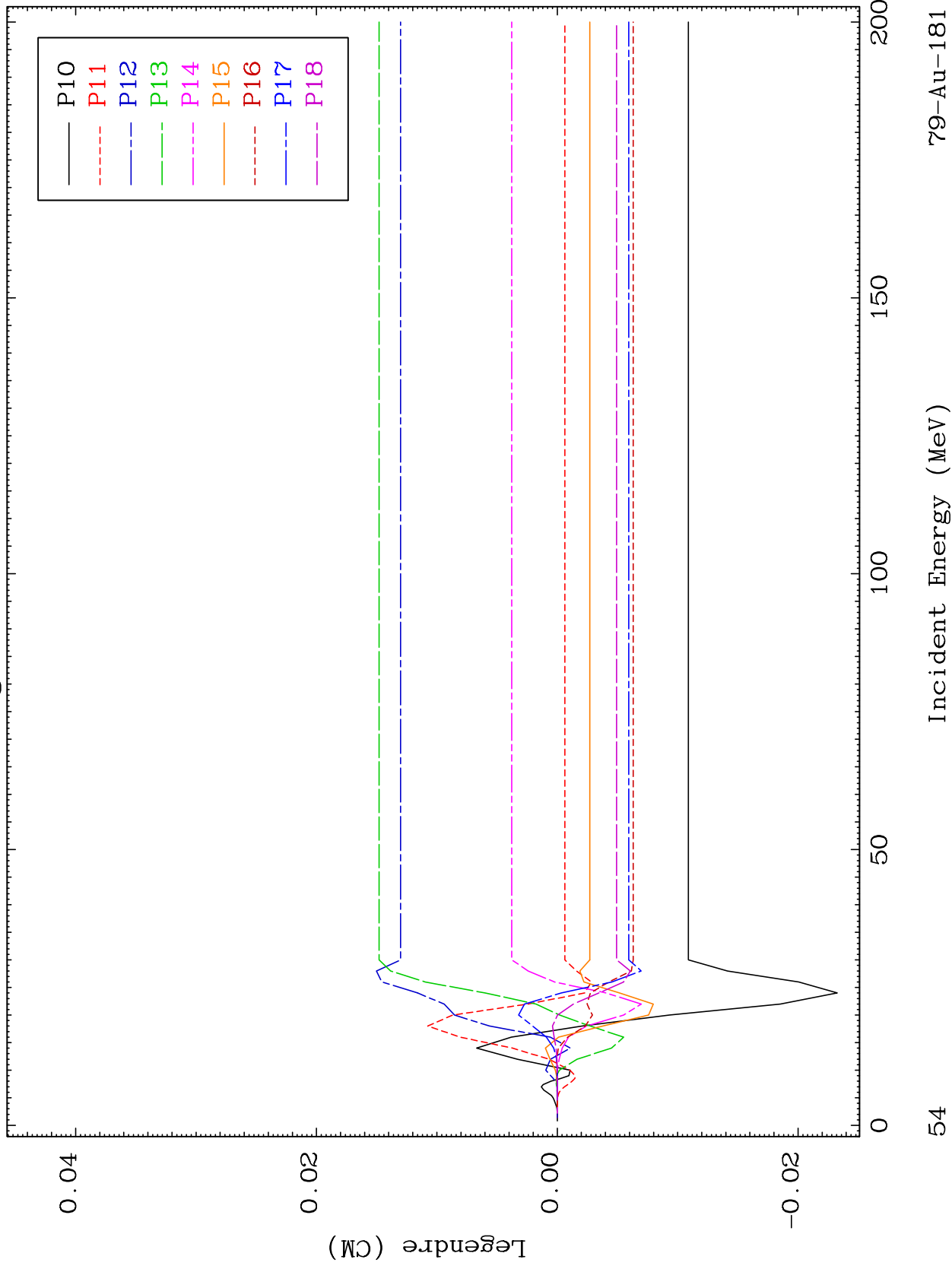
79-Au-181



MAT 78777

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

79-Au-181



54

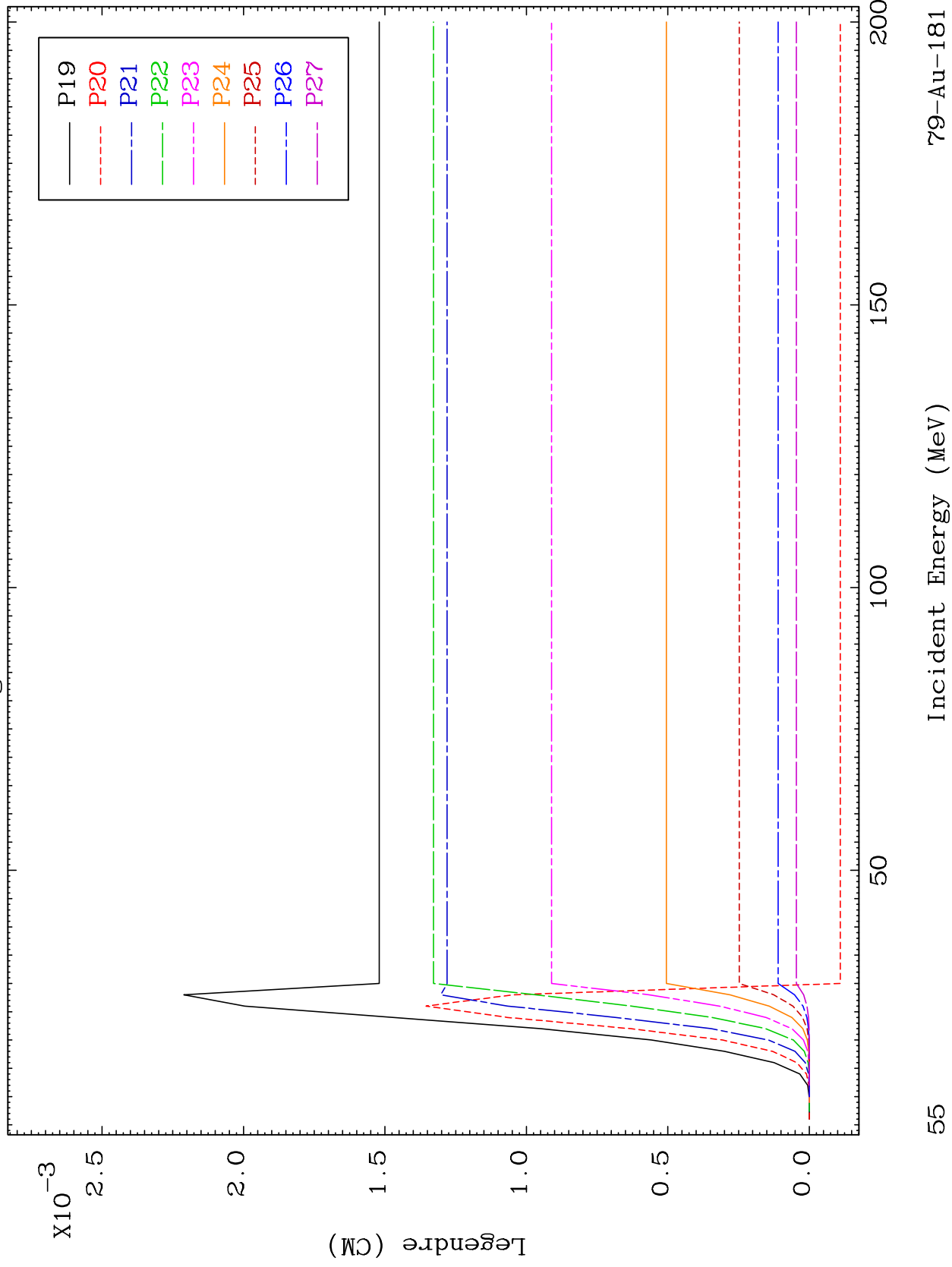
Incident Energy (MeV)

79-Au-181

MAT 7877

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

79-Au-181



55

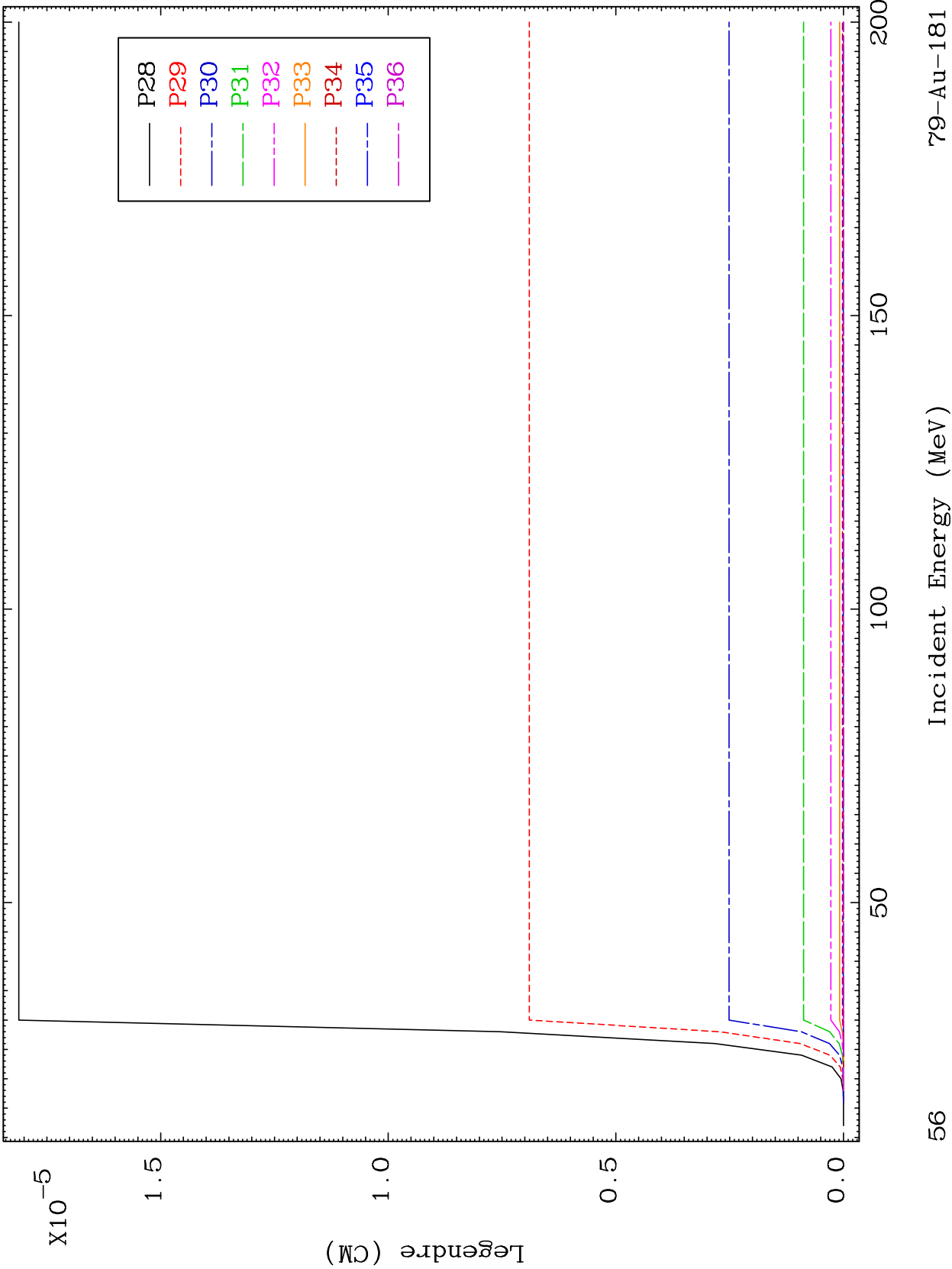
Incident Energy (MeV)

79-Au-181

MAT 7877

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

79-Au-181



56

Incident Energy (MeV)

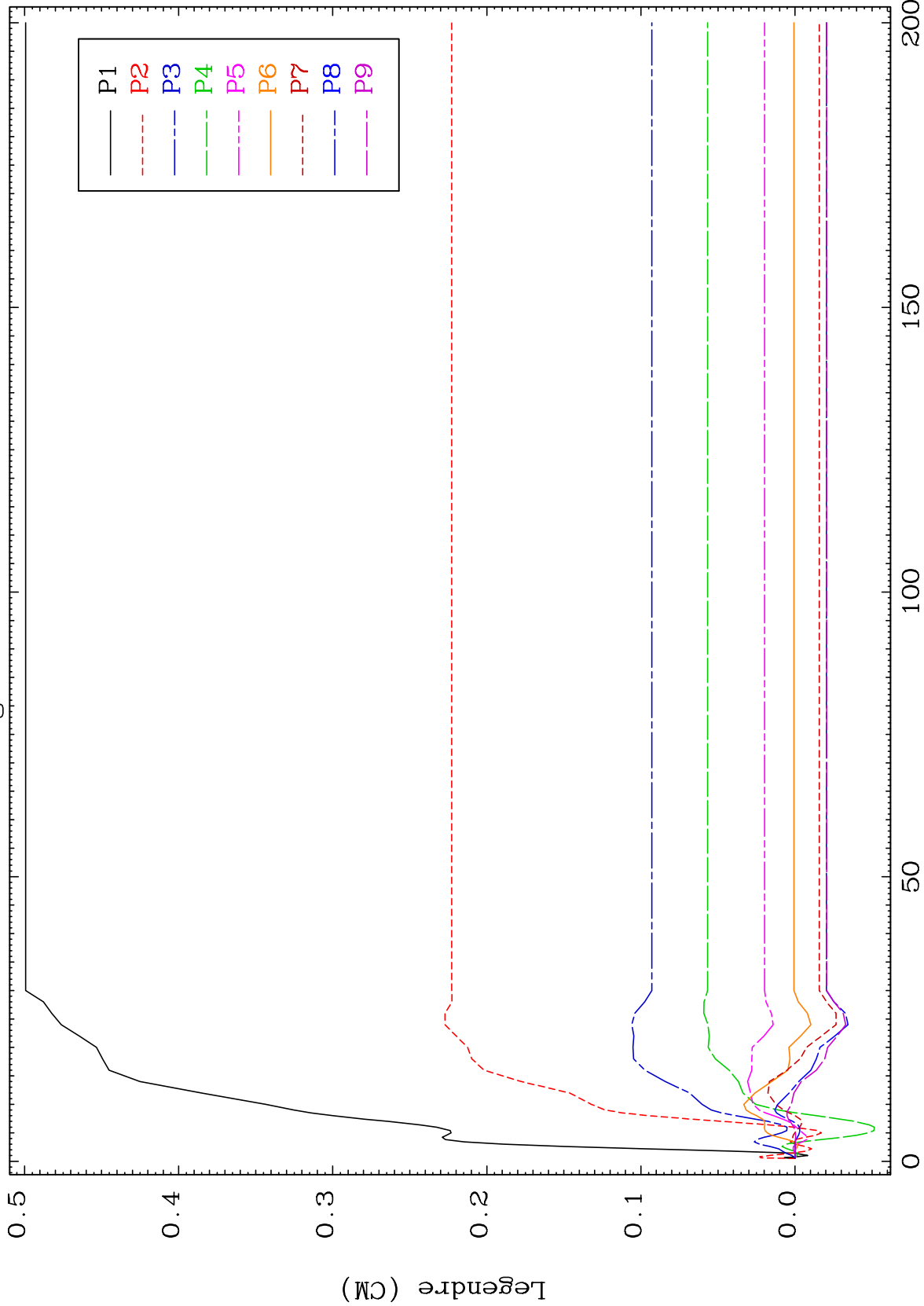
79-Au-181

MAT 7877

MT= 60 (n,n') Level

79-Au-181

Legendre Coefficients



57

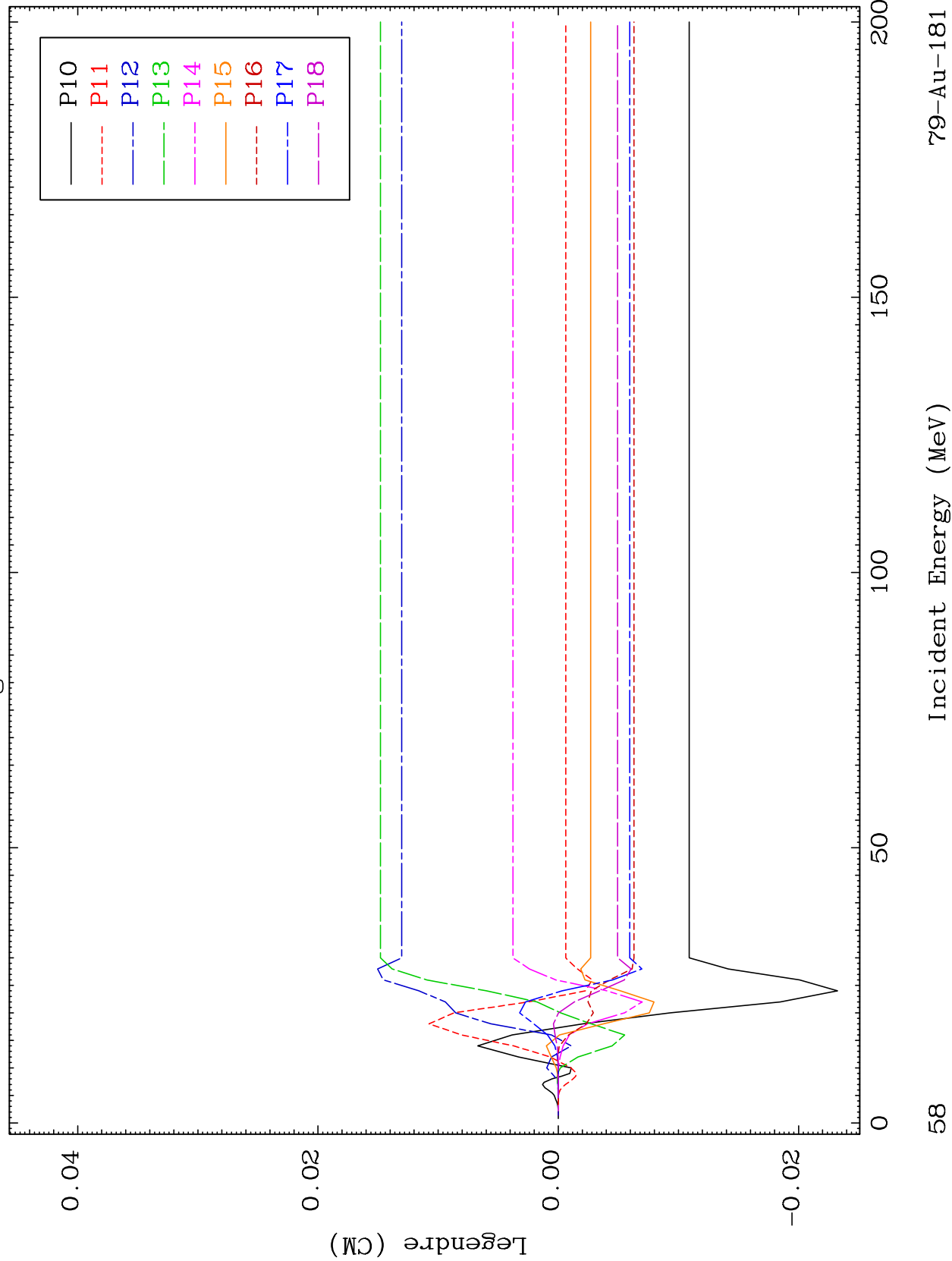
Incident Energy (MeV)

79-Au-181

MAT 7877

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

79-Au-181



79-Au-181

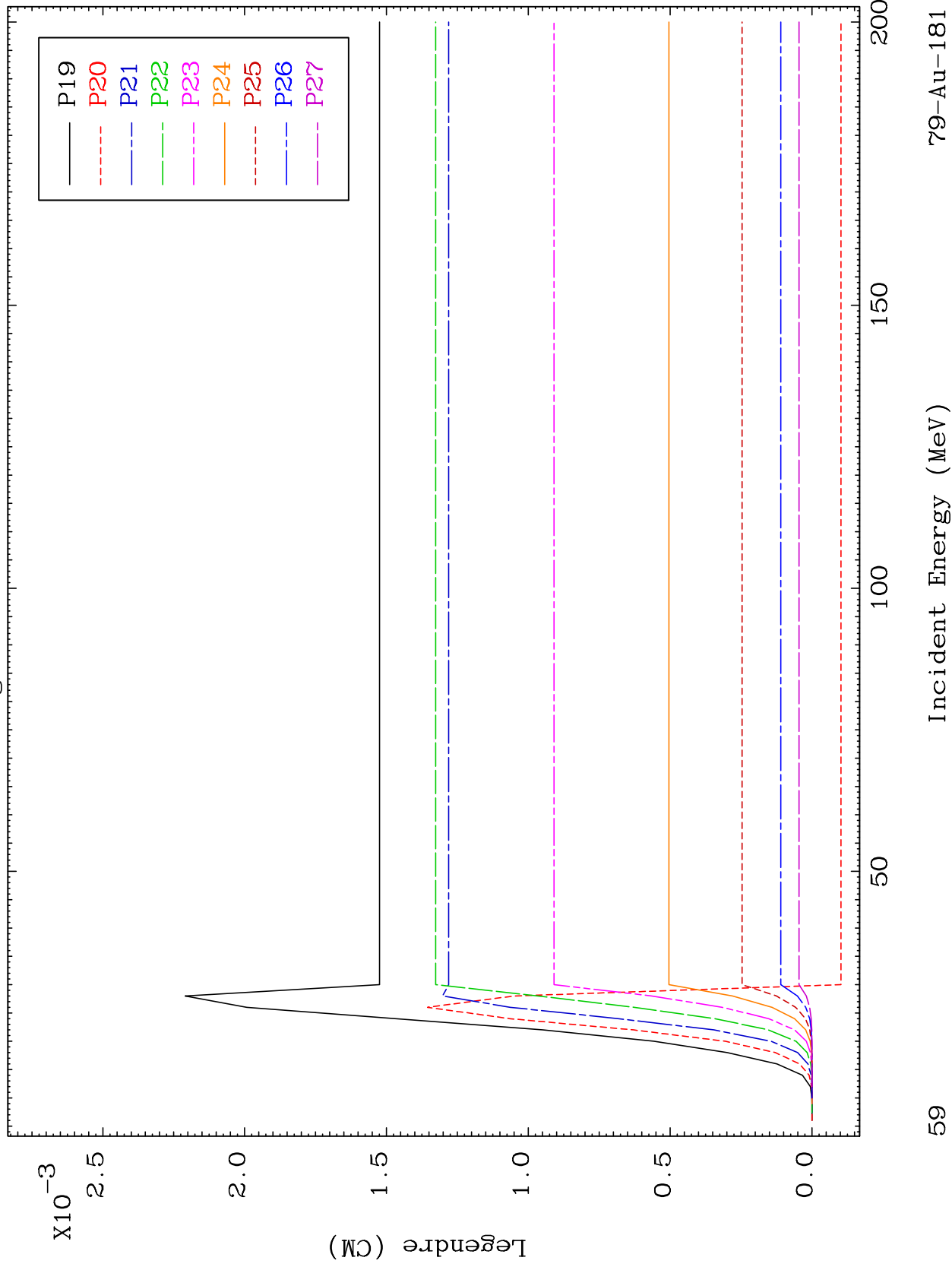
Incident Energy (MeV)

58

MAT 78777

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

79-Au-181



59

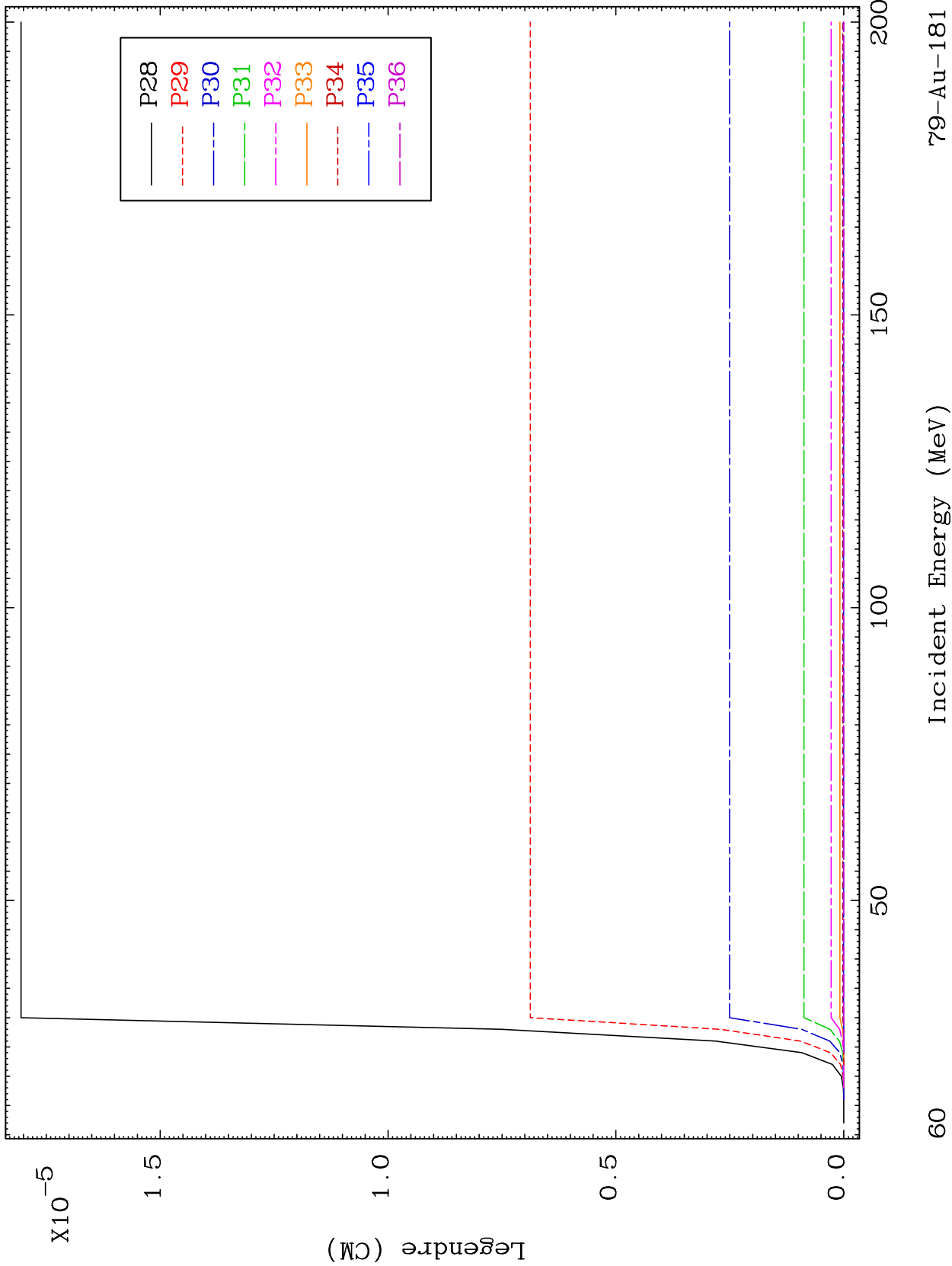
Incident Energy (MeV)

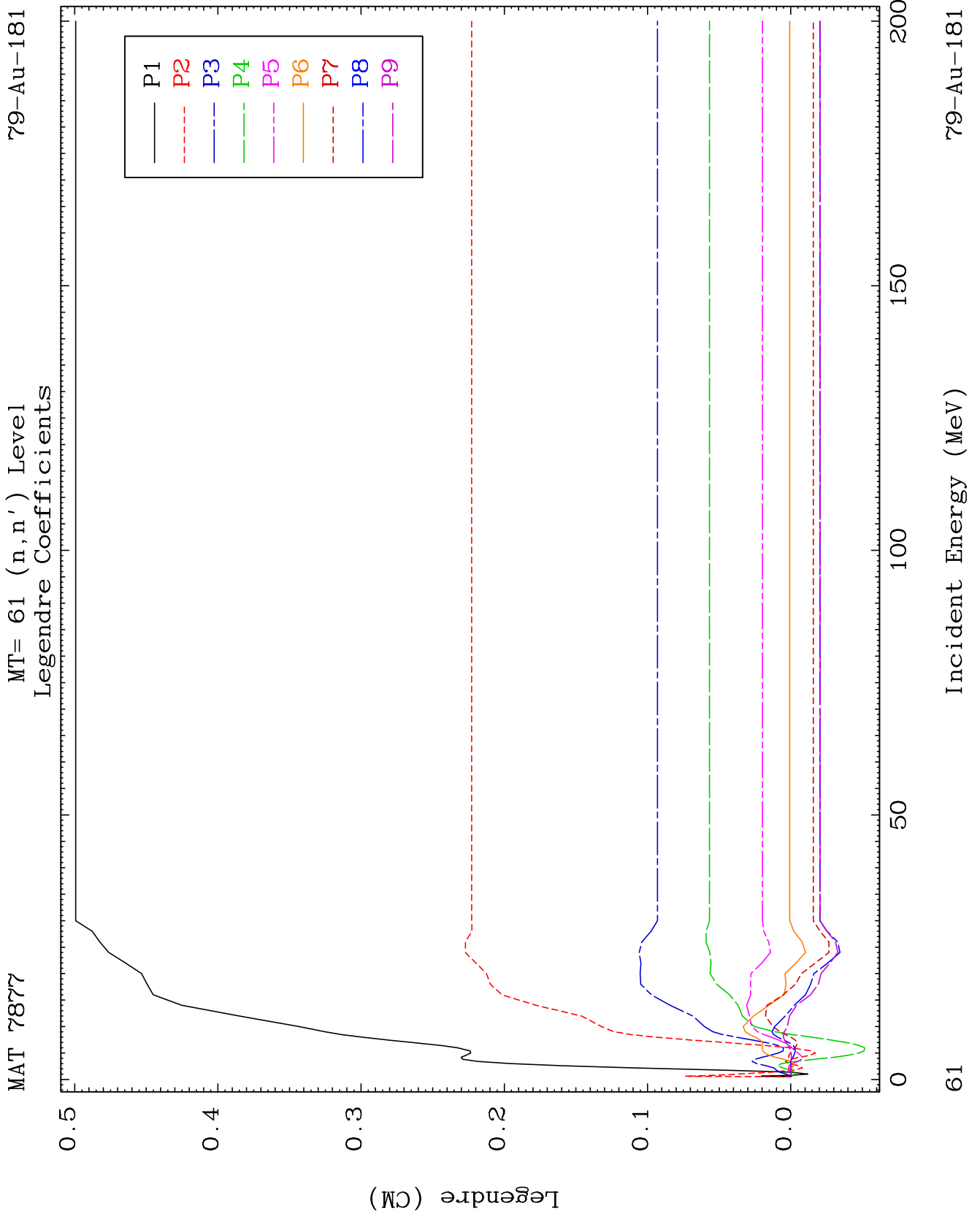
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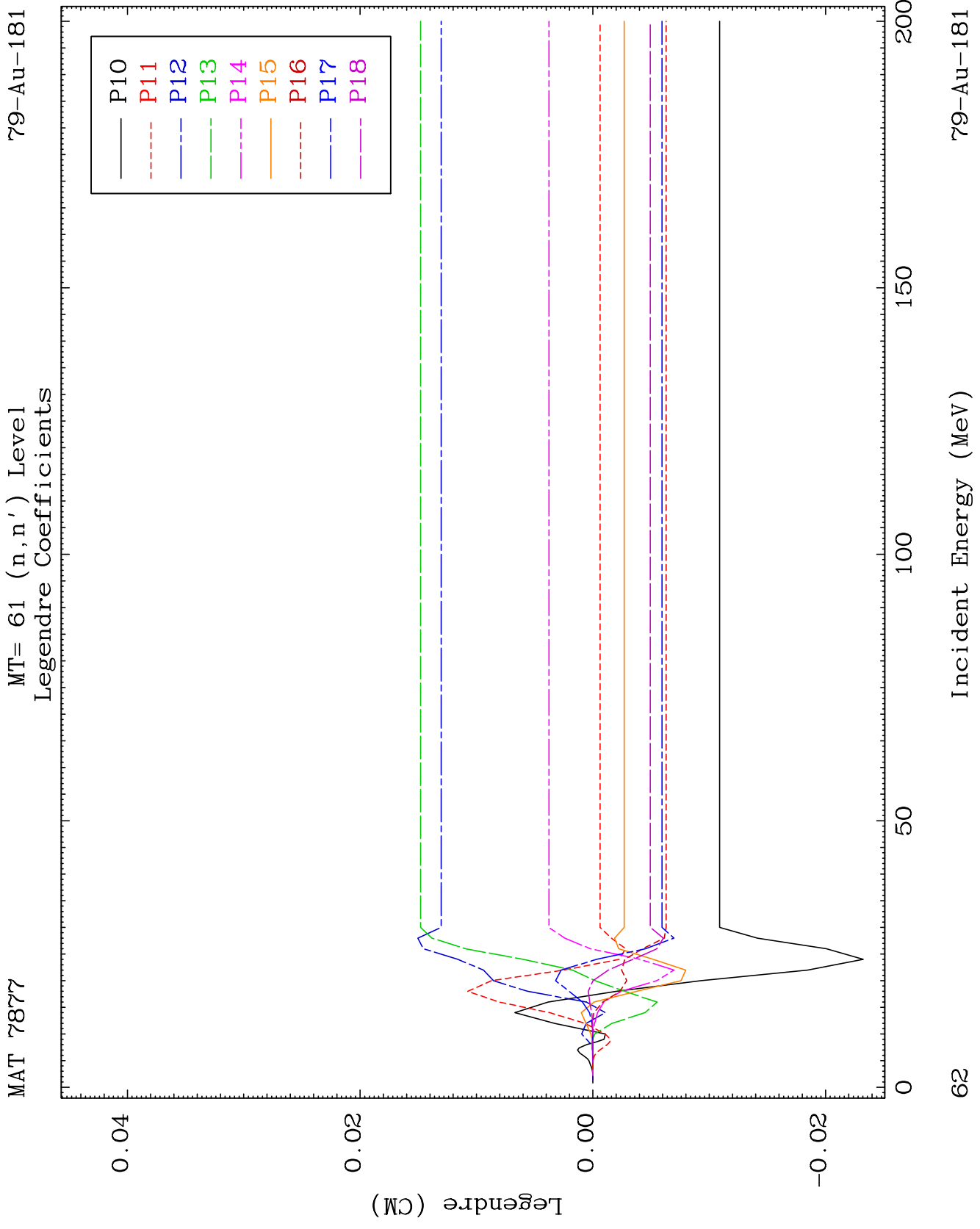
MAT 7877

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

79-Au-181







79-Au-181

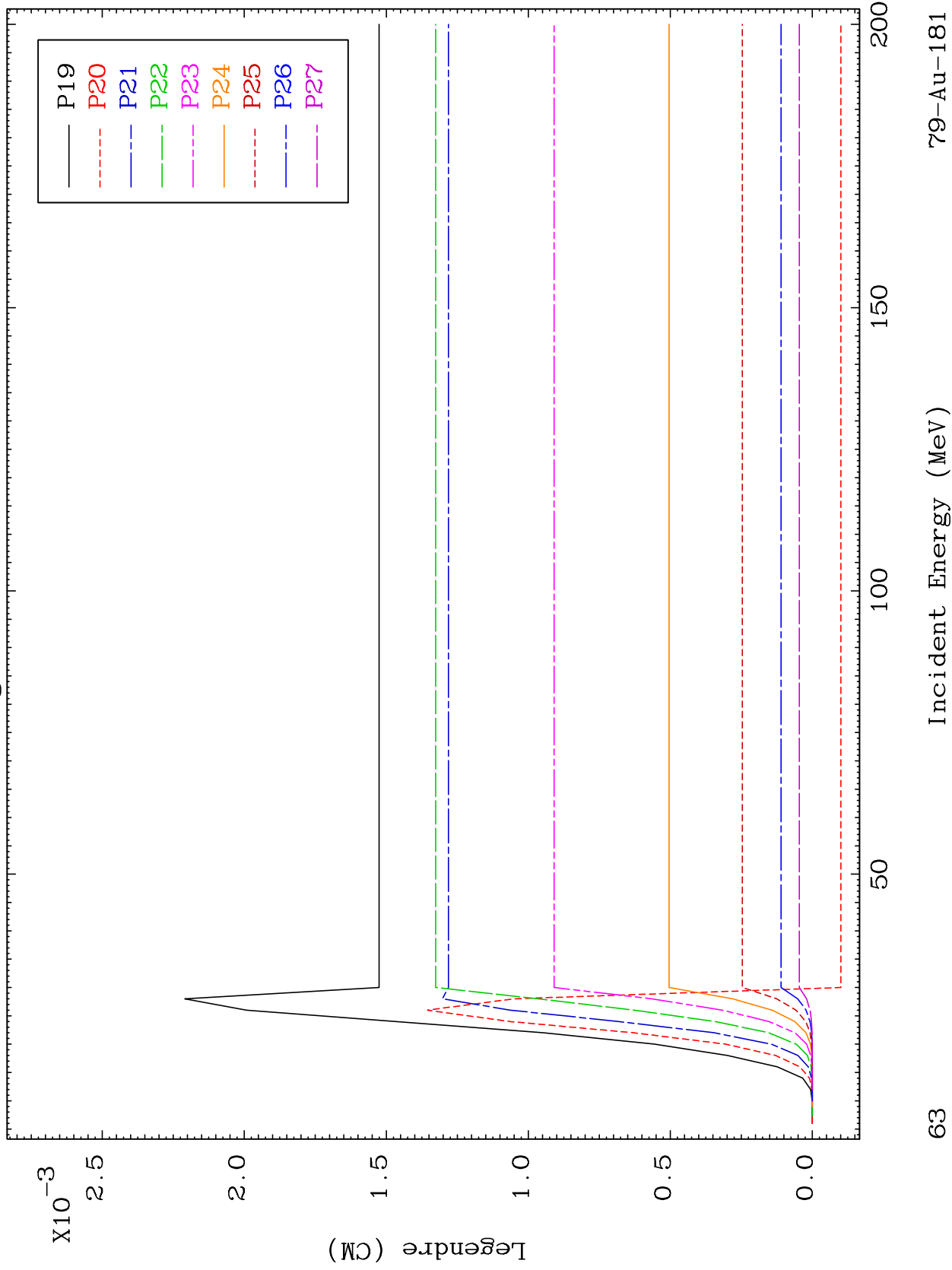
Incident Energy (MeV)

62

MAT 78777

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

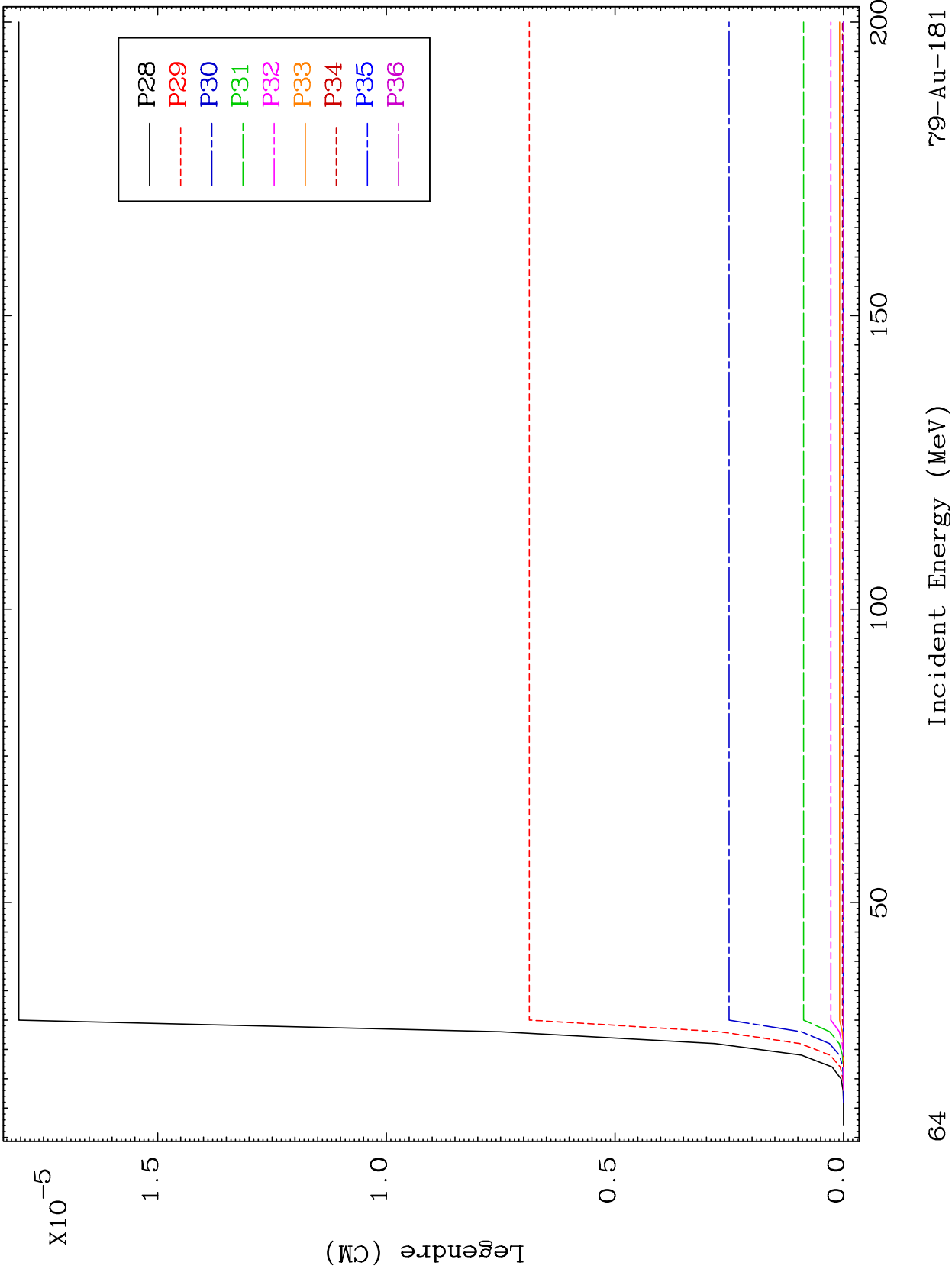
79-Au-181



MAT 78777

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

79-Au-181



64

Incident Energy (MeV)

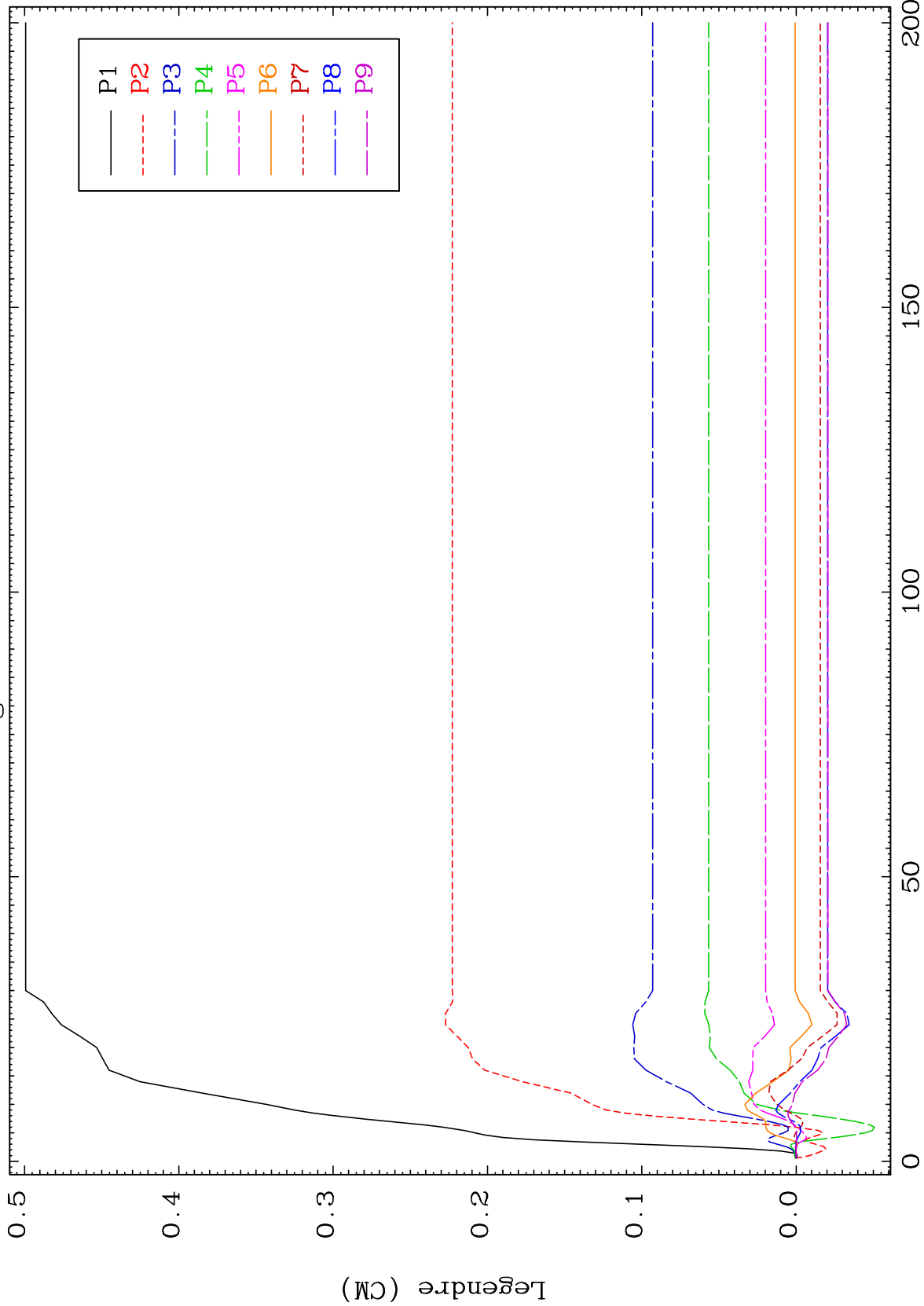
79-Au-181

MAT 7877

MT= 62 (n,n') Level

79-Au-181

Legendre Coefficients



65

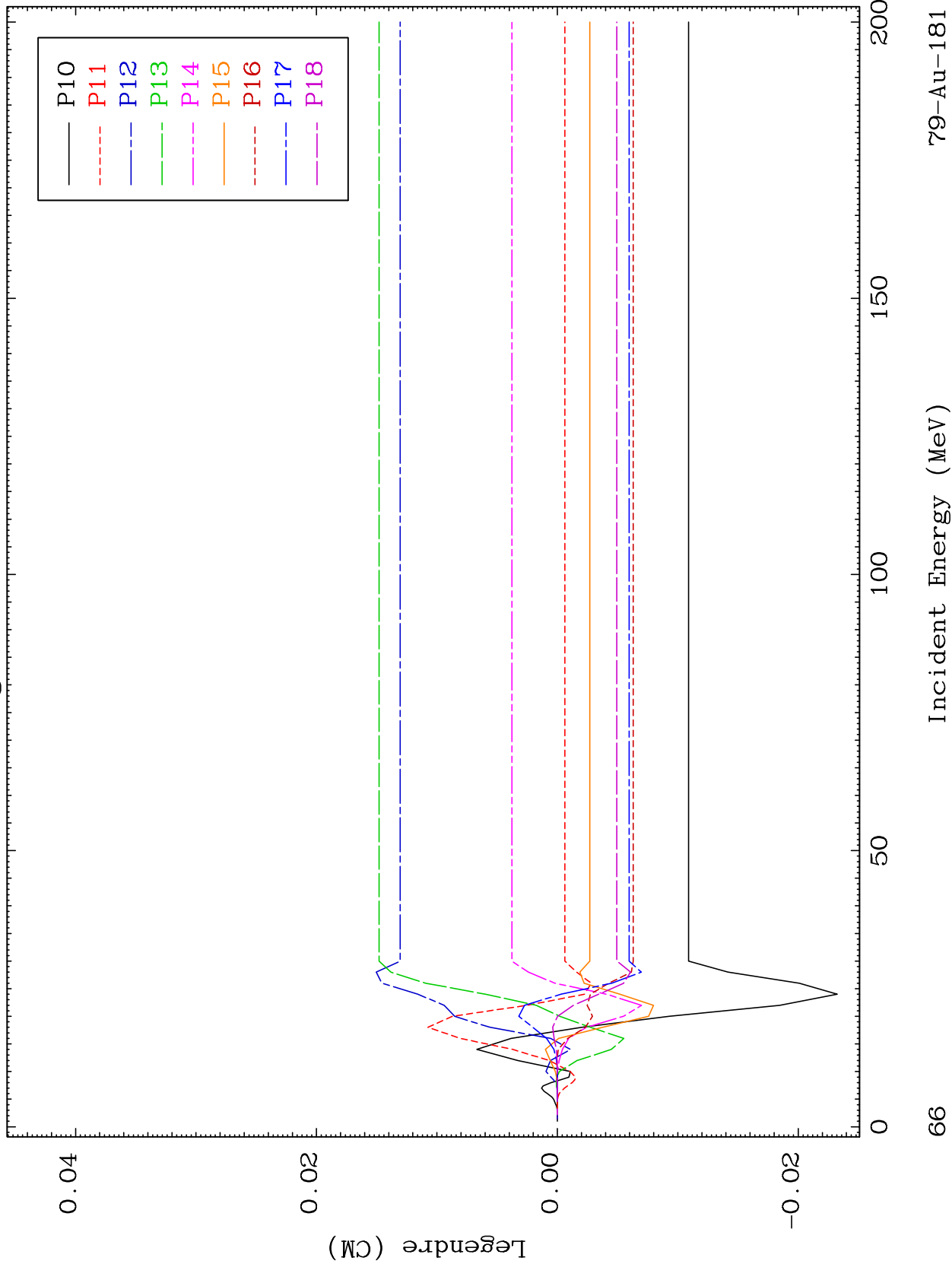
Incident Energy (MeV)

79-Au-181

MAT 78777

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

79-Au-181



66

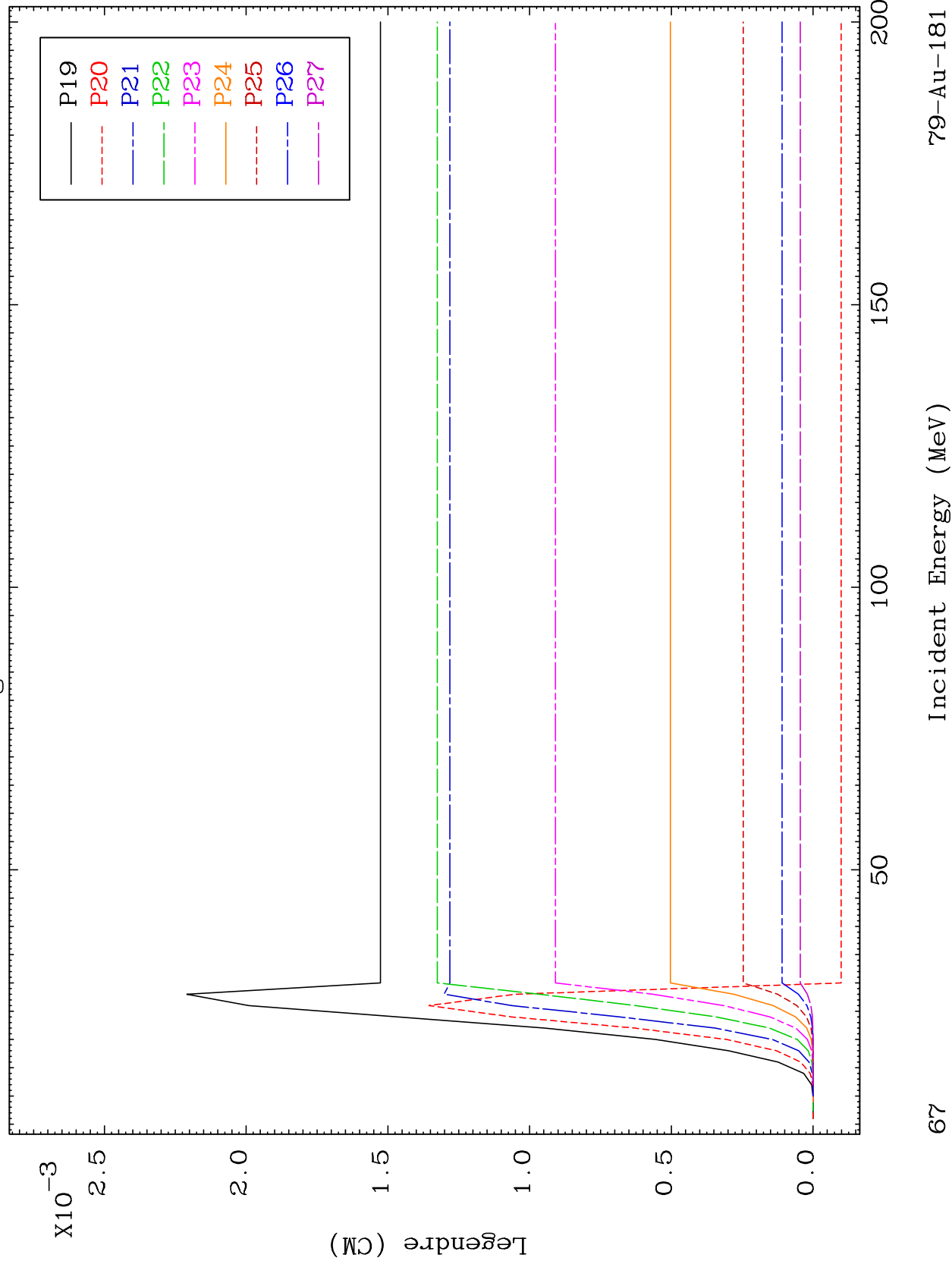
Incident Energy (MeV)

79-Au-181

MAT 78777

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

79-Au-181



67

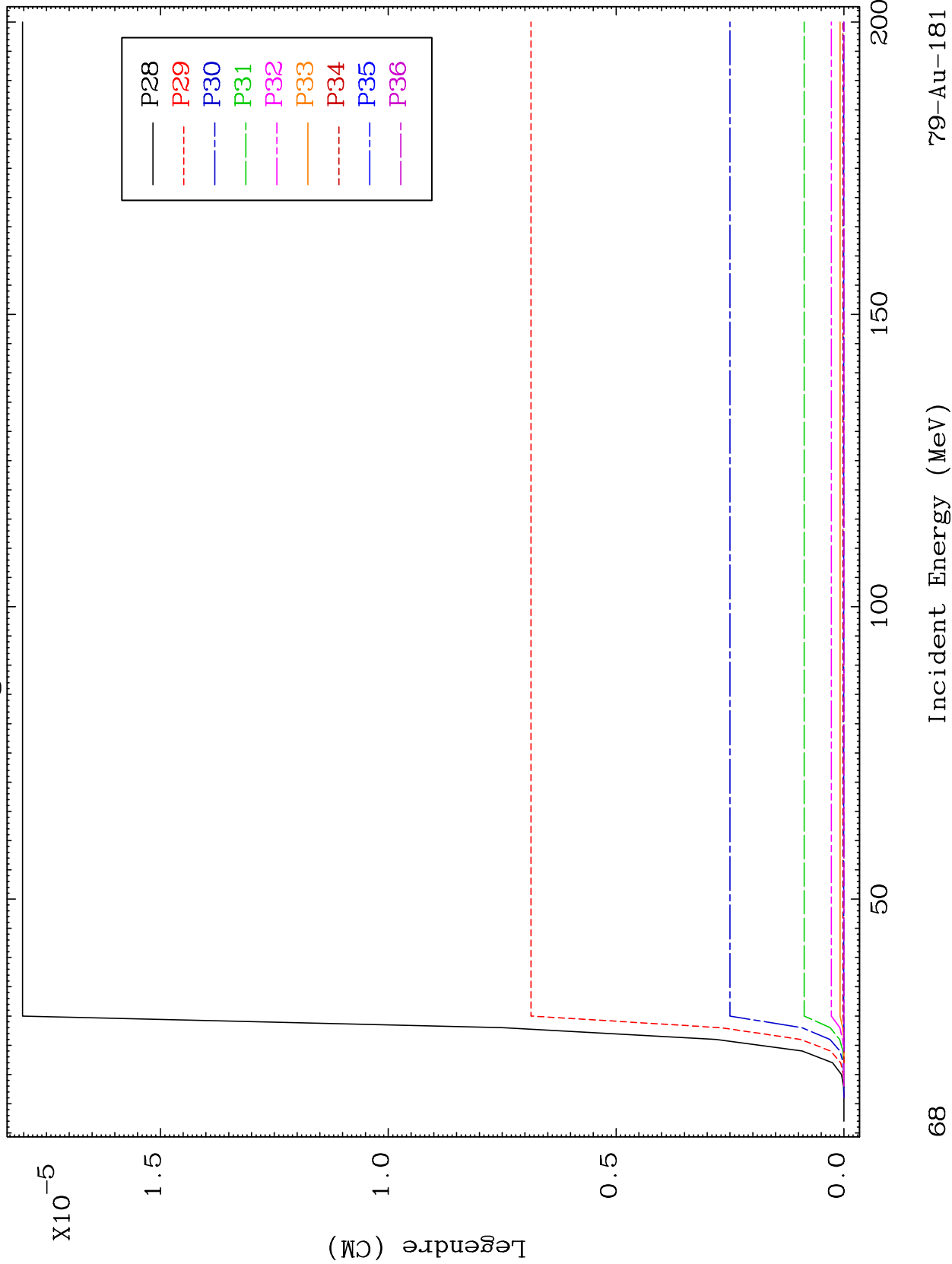
Incident Energy (MeV)

79-Au-181

MAT 78777

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

79-Au-181

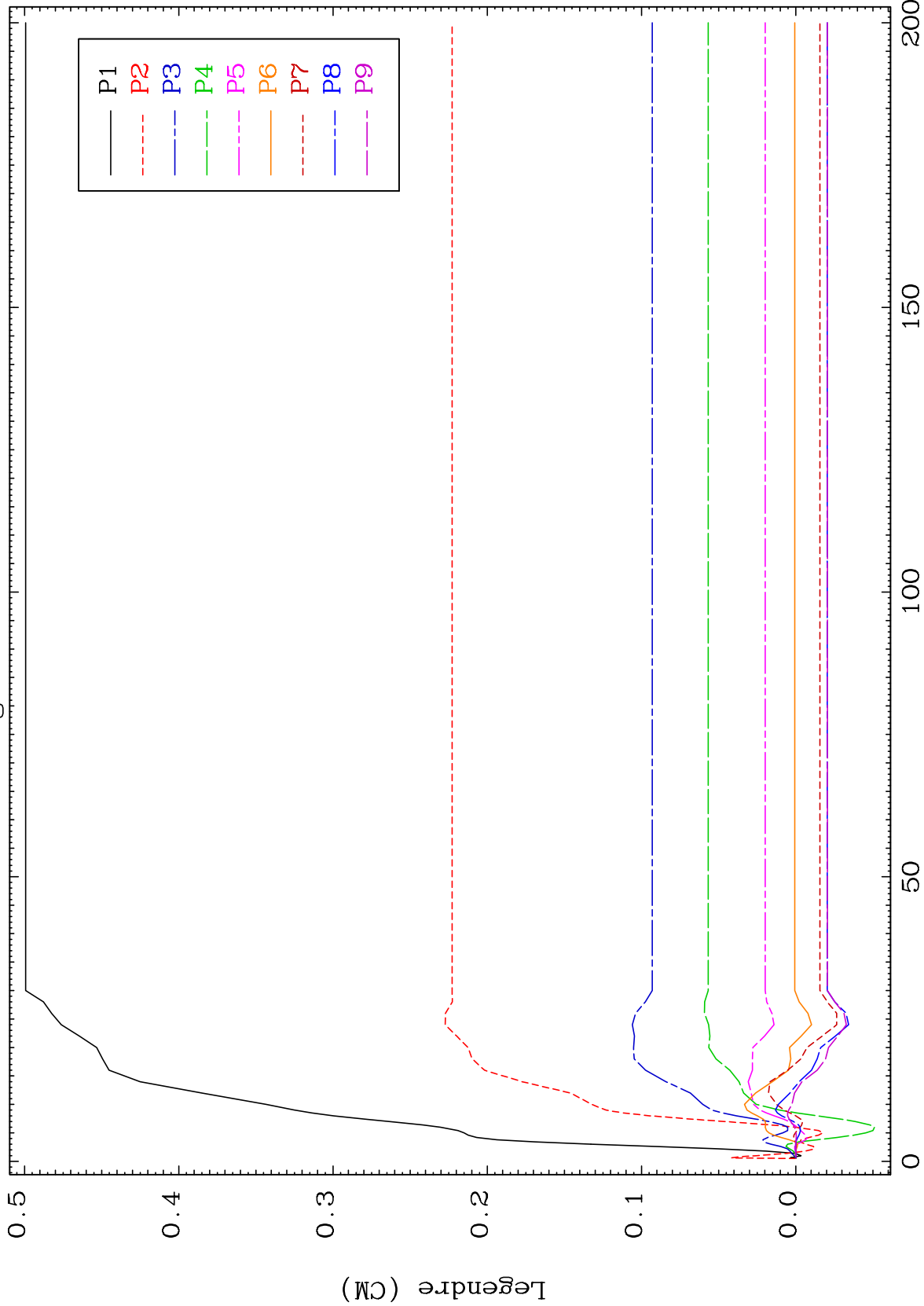


MAT 7877

MT= 63 (n,n') Level

79-Au-181

Legendre Coefficients



69

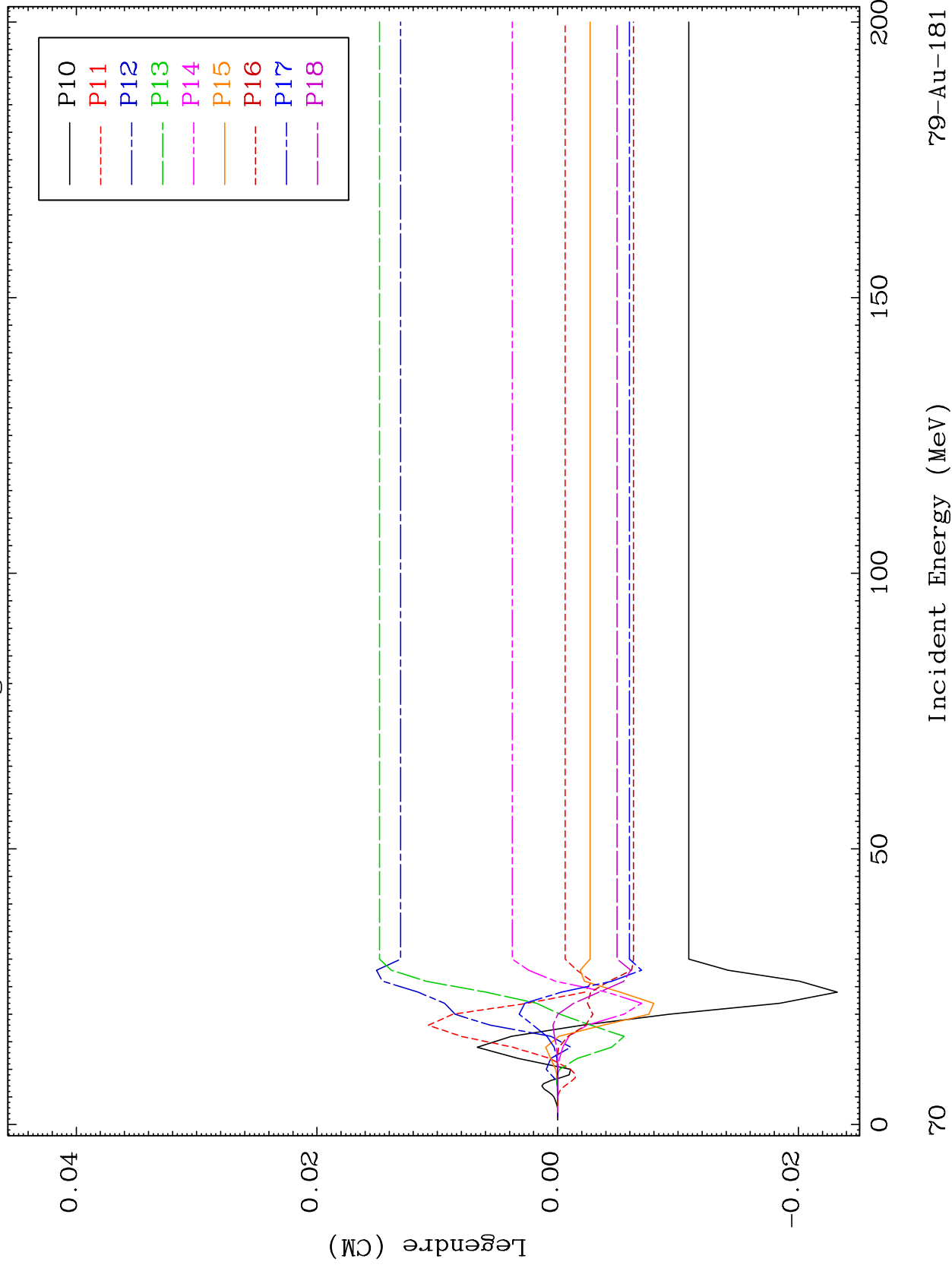
Incident Energy (MeV)

79-Au-181

MAT 7877

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

79-Au-181



79-Au-181

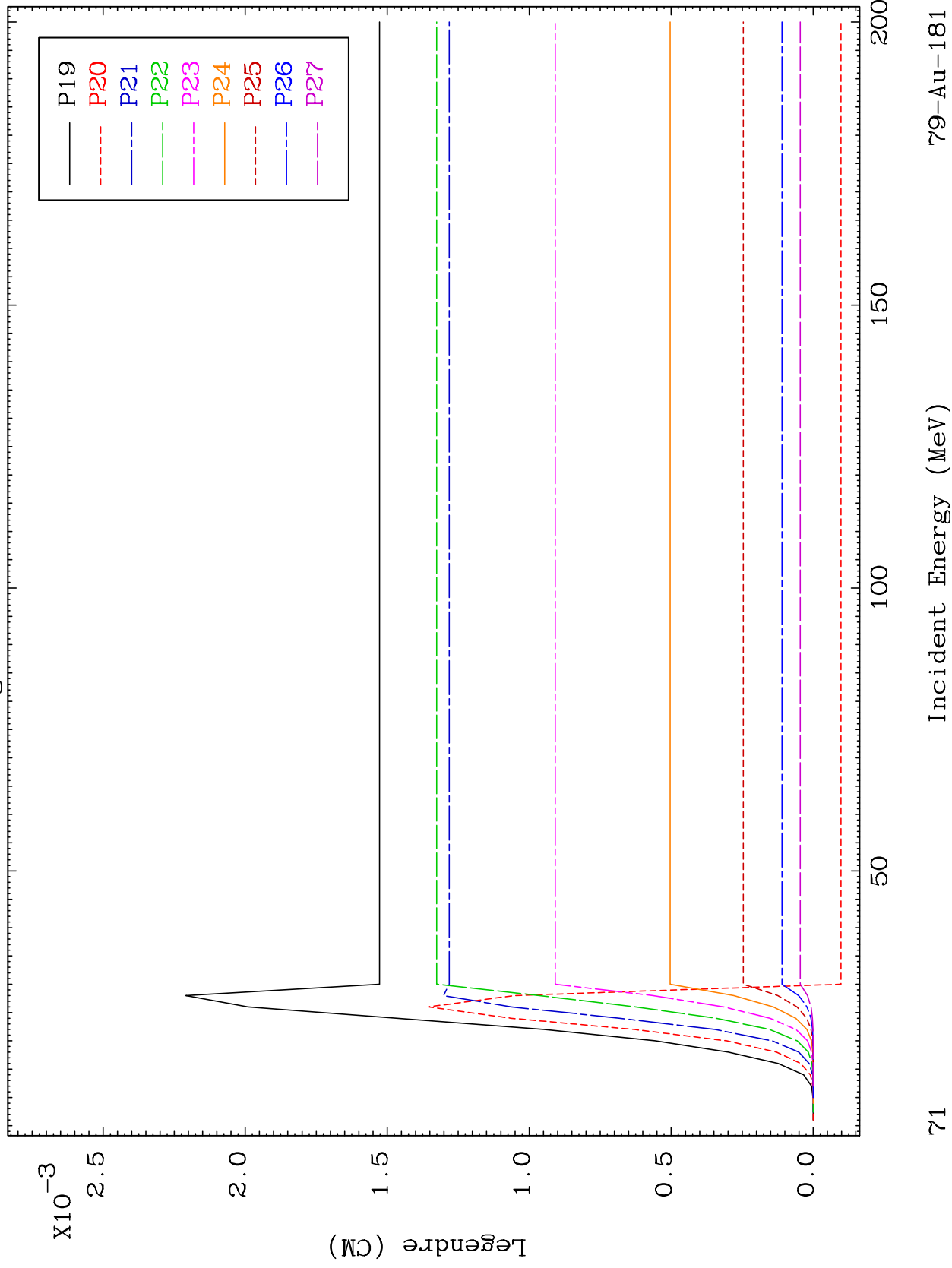
Incident Energy (MeV)

70

MAT 78777

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

79-Au-181



71

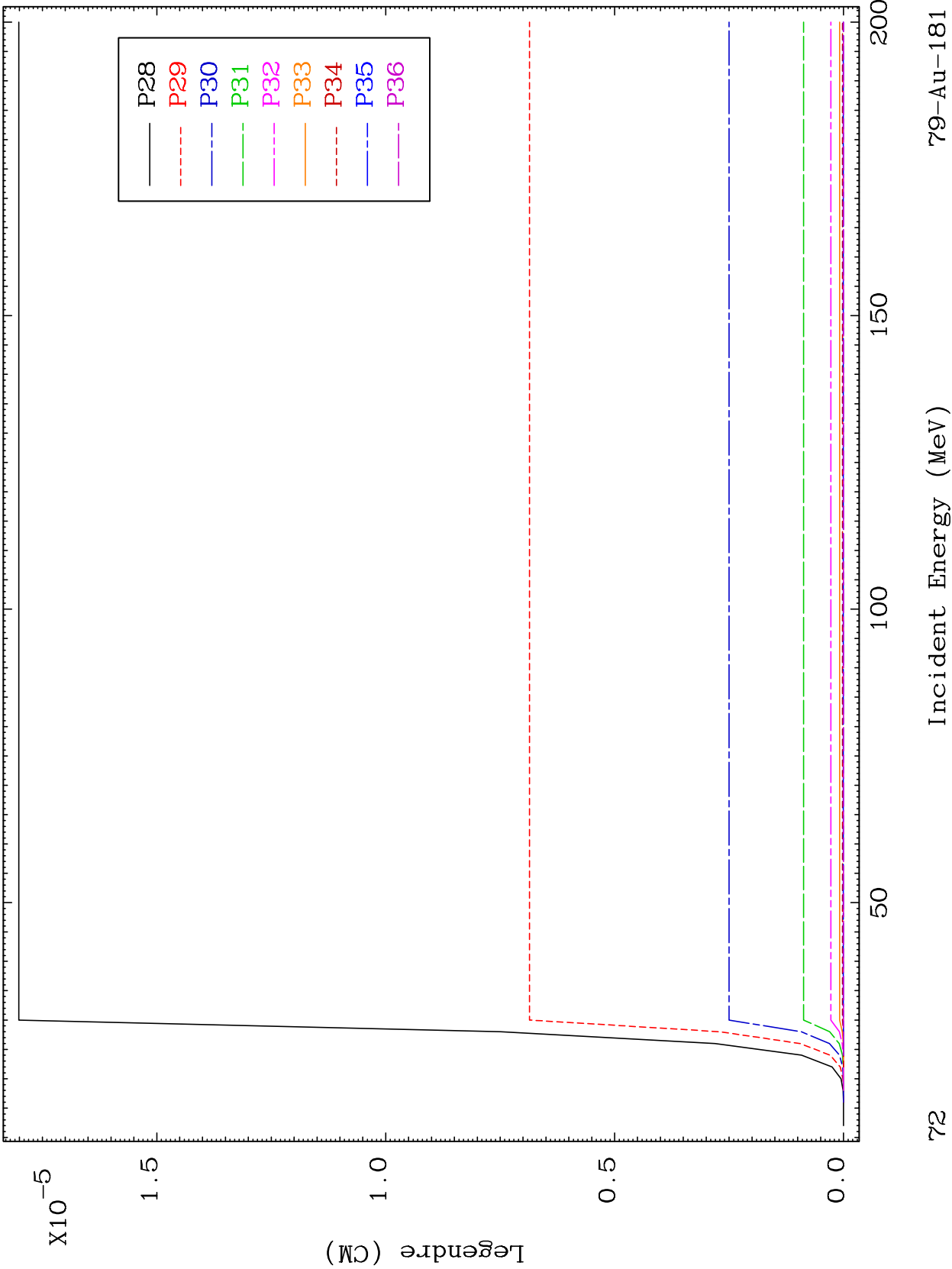
Incident Energy (MeV)

79-Au-181

MAT 78777

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

79-Au-181



72

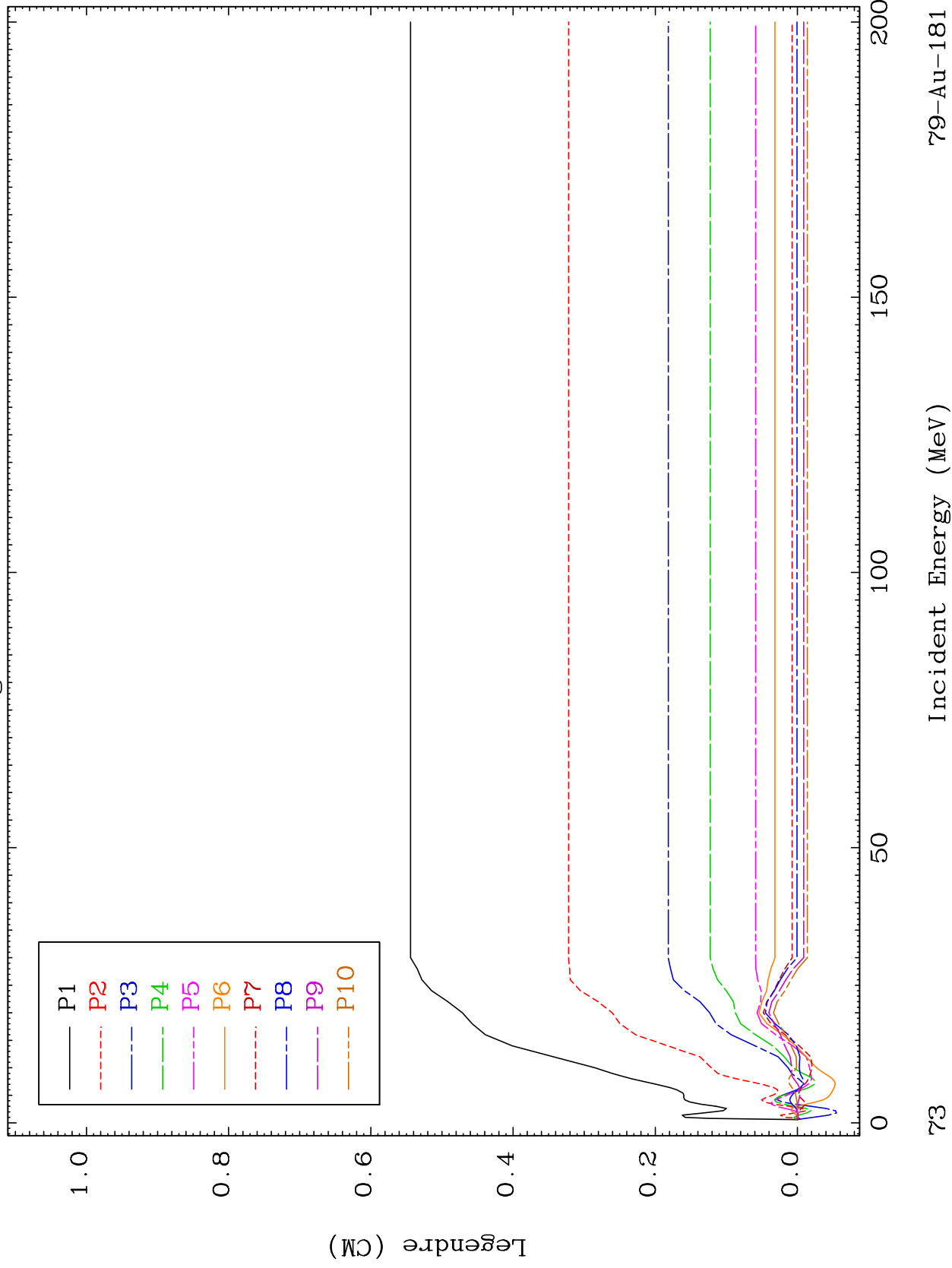
Incident Energy (MeV)

79-Au-181

MAT 7877

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

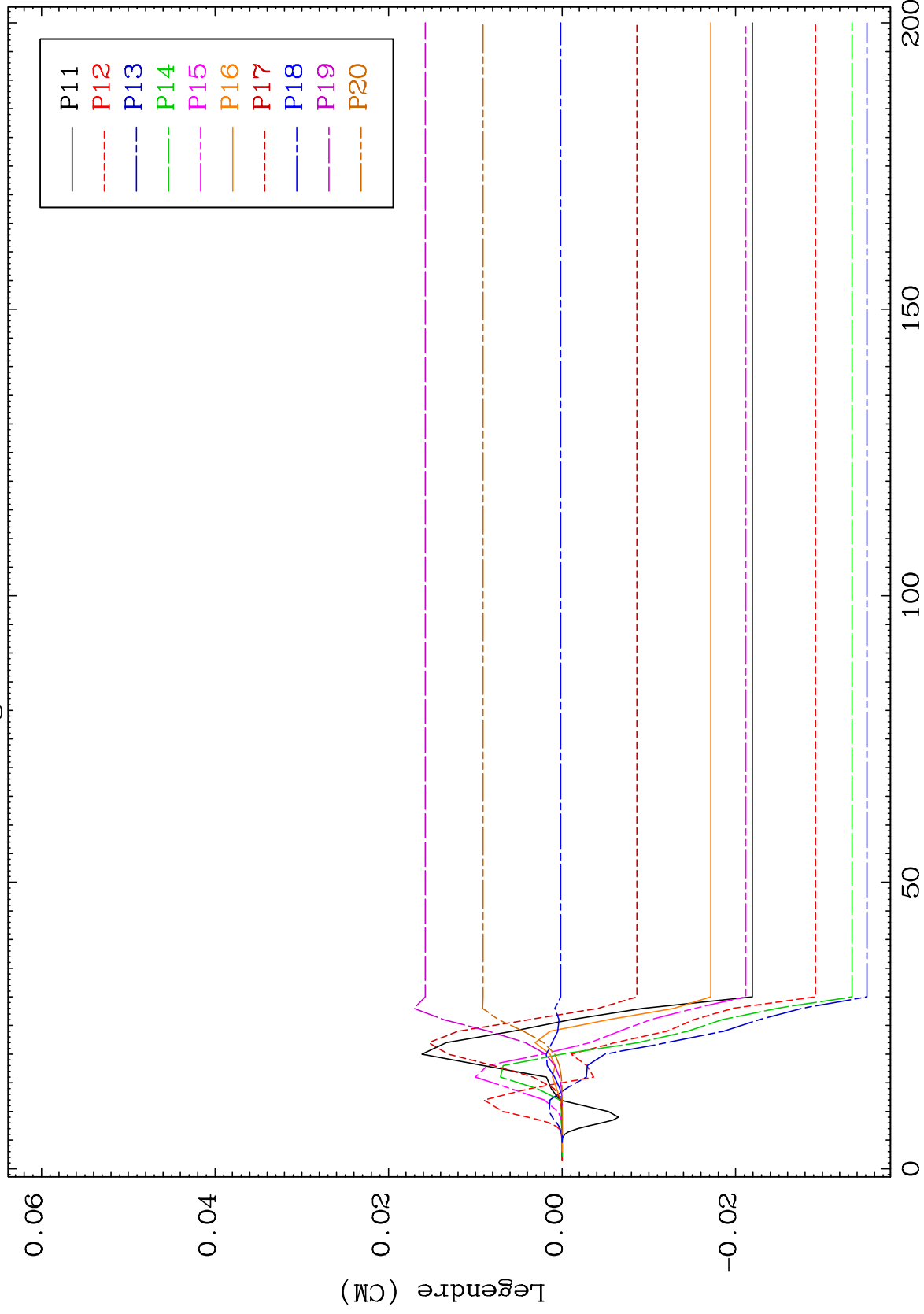
79-Au-181



MAT 78777

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

79-Au-181



74

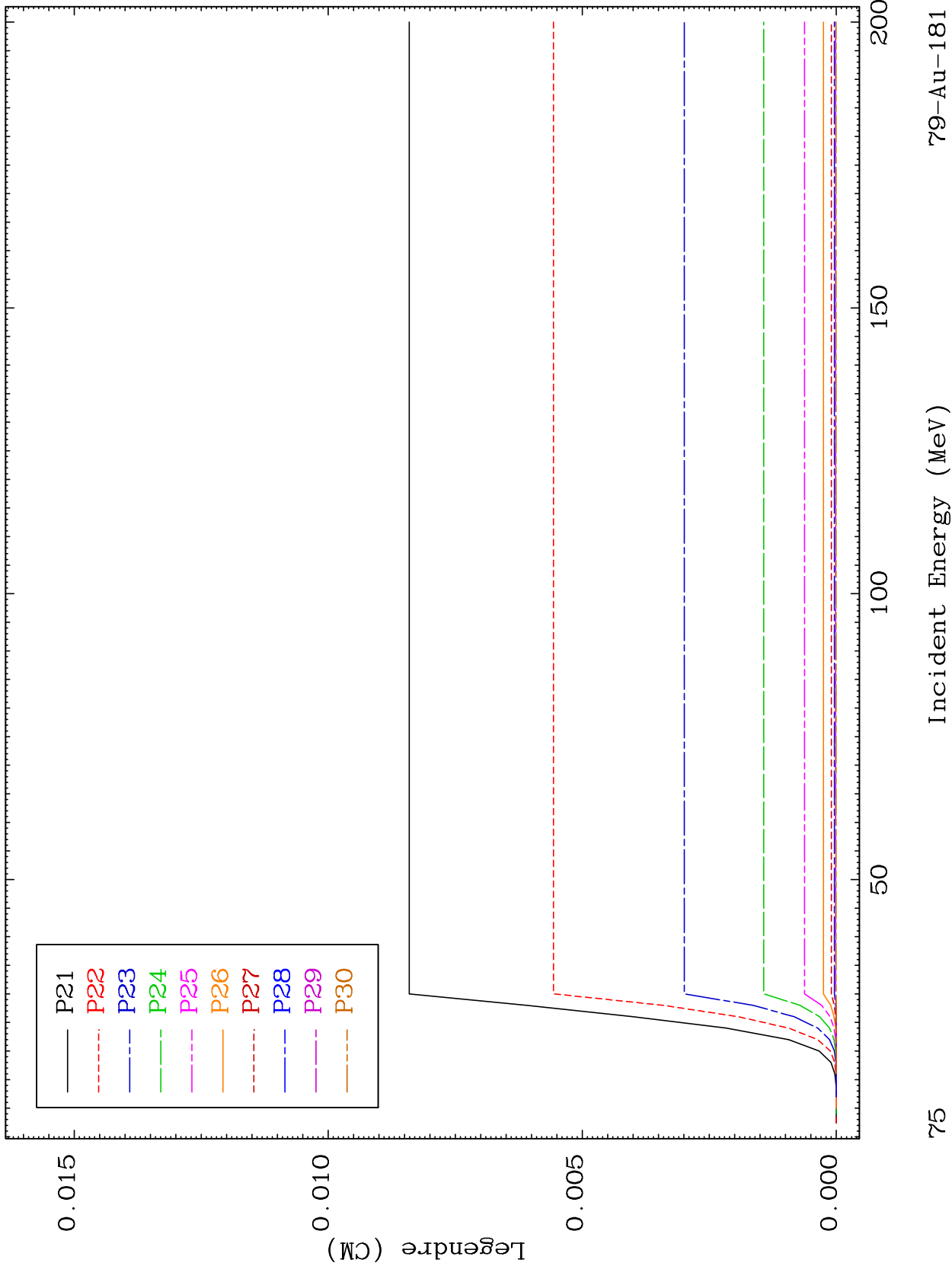
Incident Energy (MeV)

79-Au-181

MAT 78777

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

79-Au-181



75

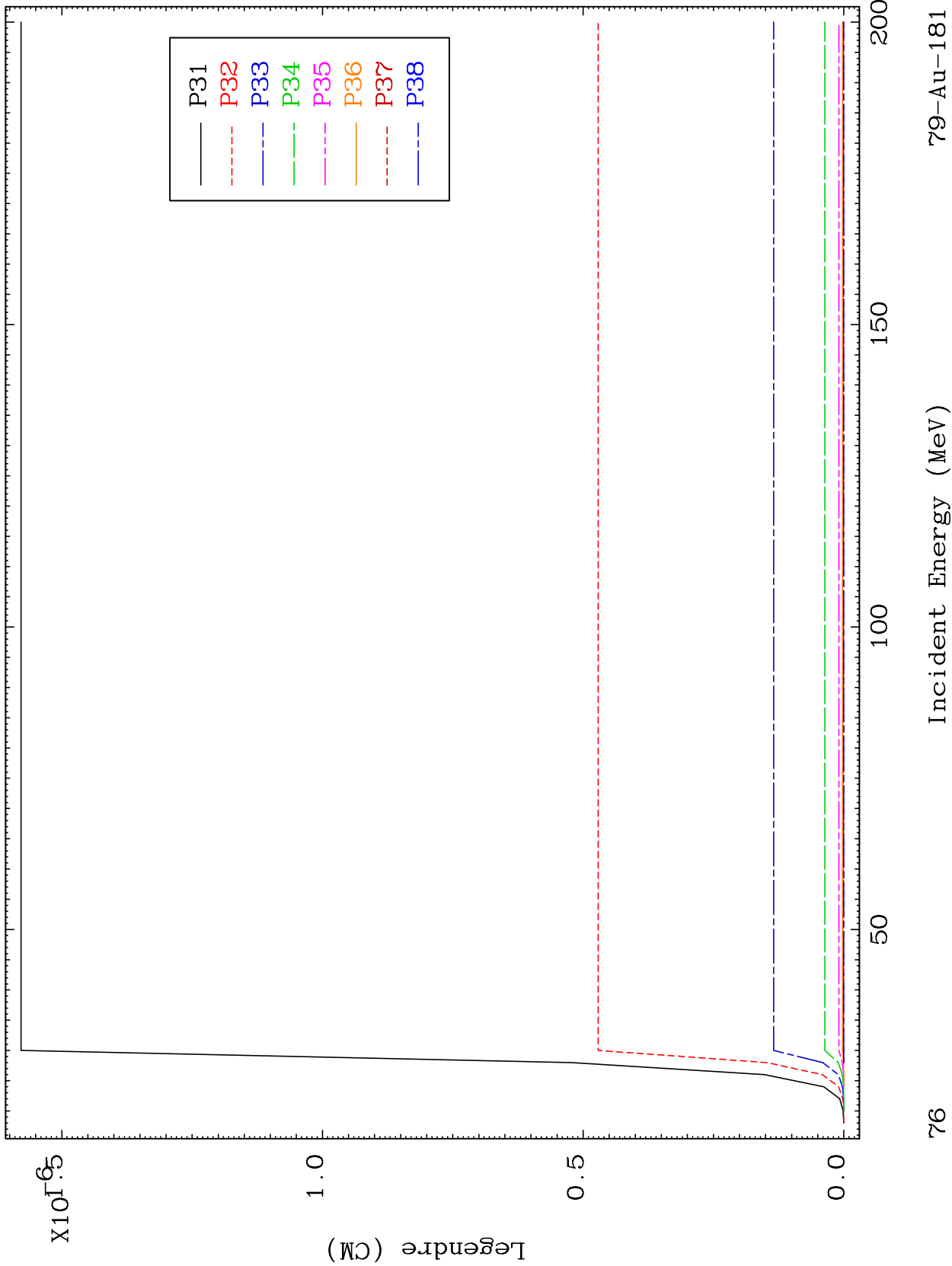
Incident Energy (MeV)

79-Au-181

MAT 7877

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

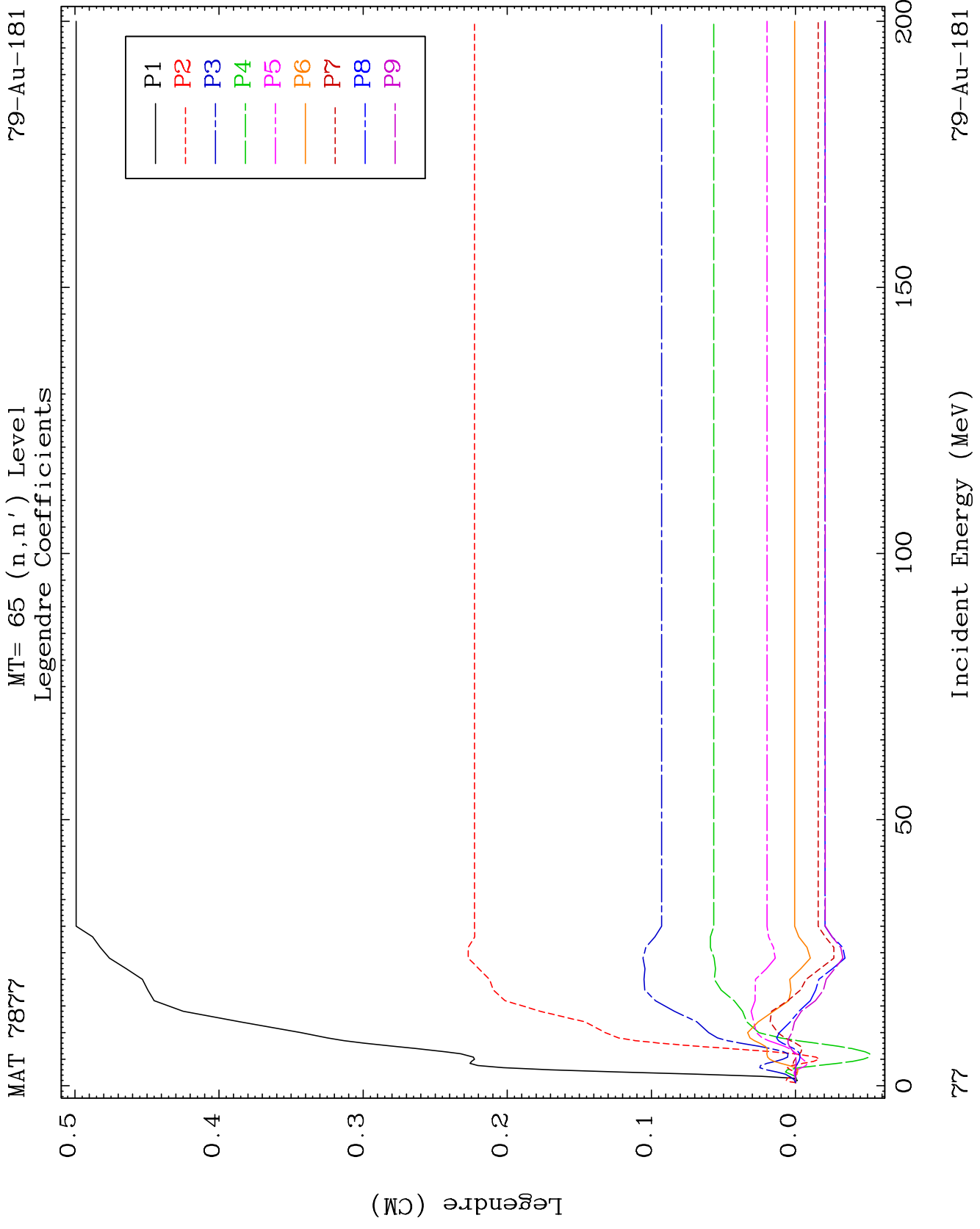
79-Au-181

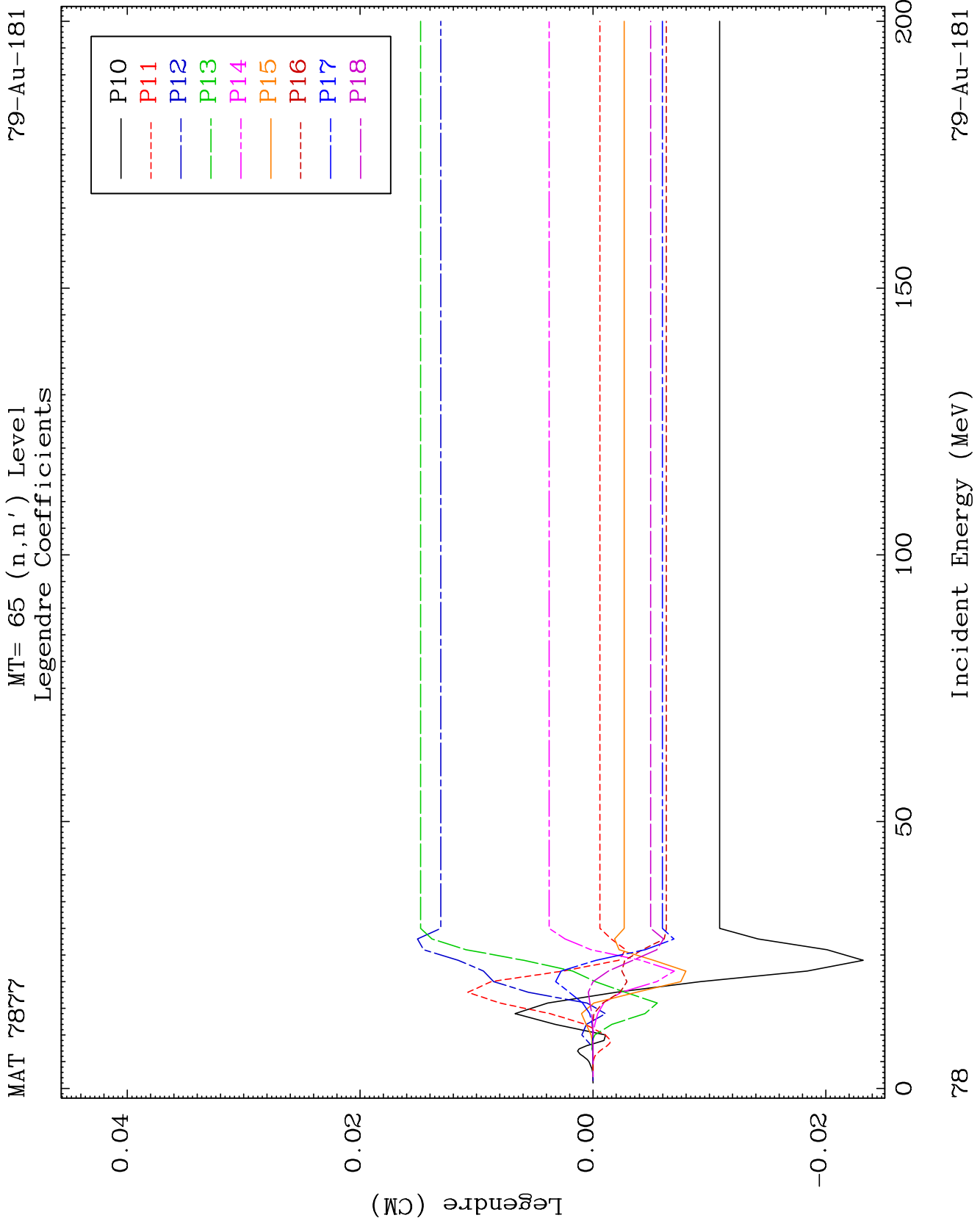


76

Incident Energy (MeV)

79-Au-181





79-Au-181

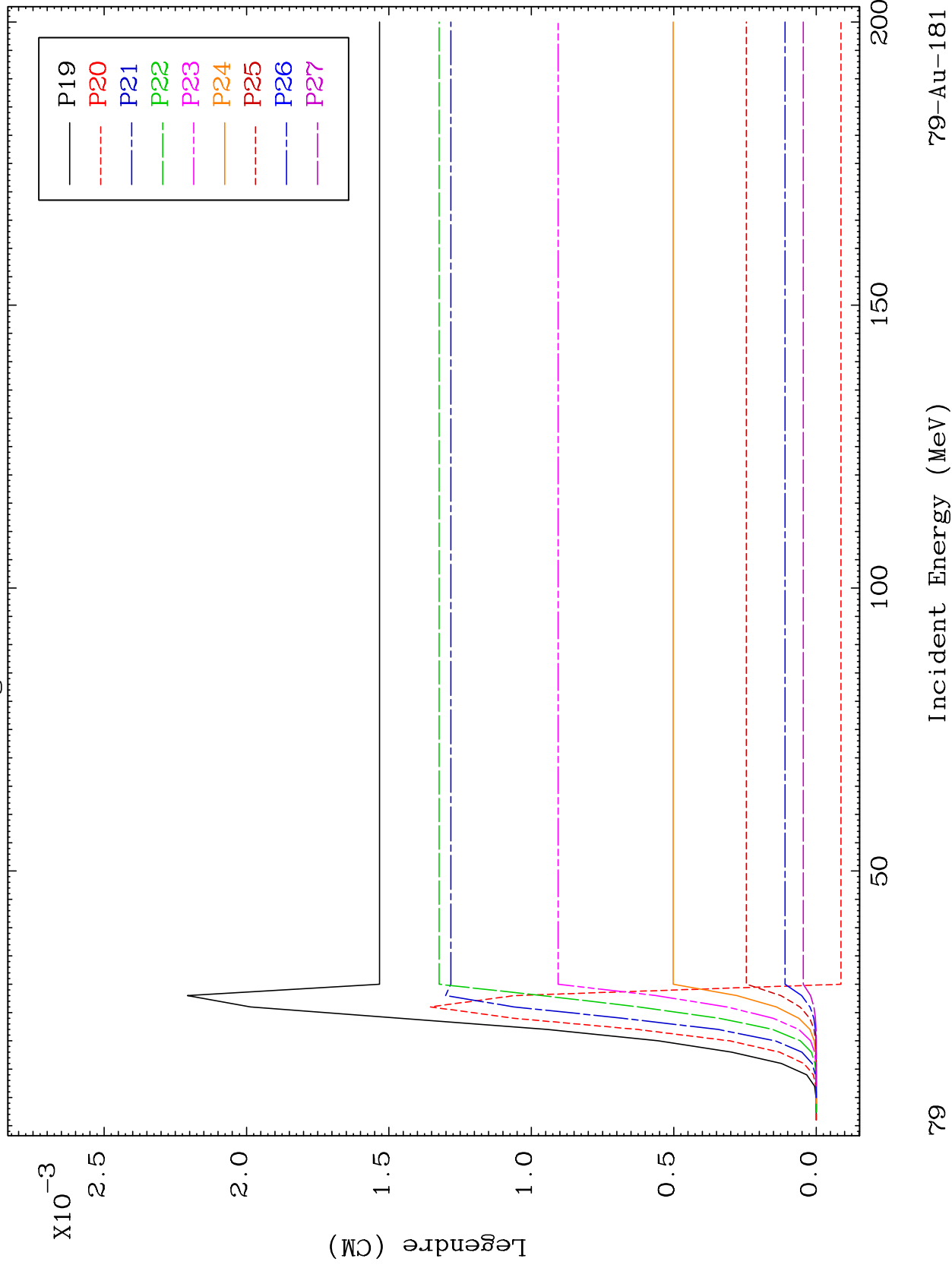
Incident Energy (MeV)

78

MAT 78777

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

79-Au-181



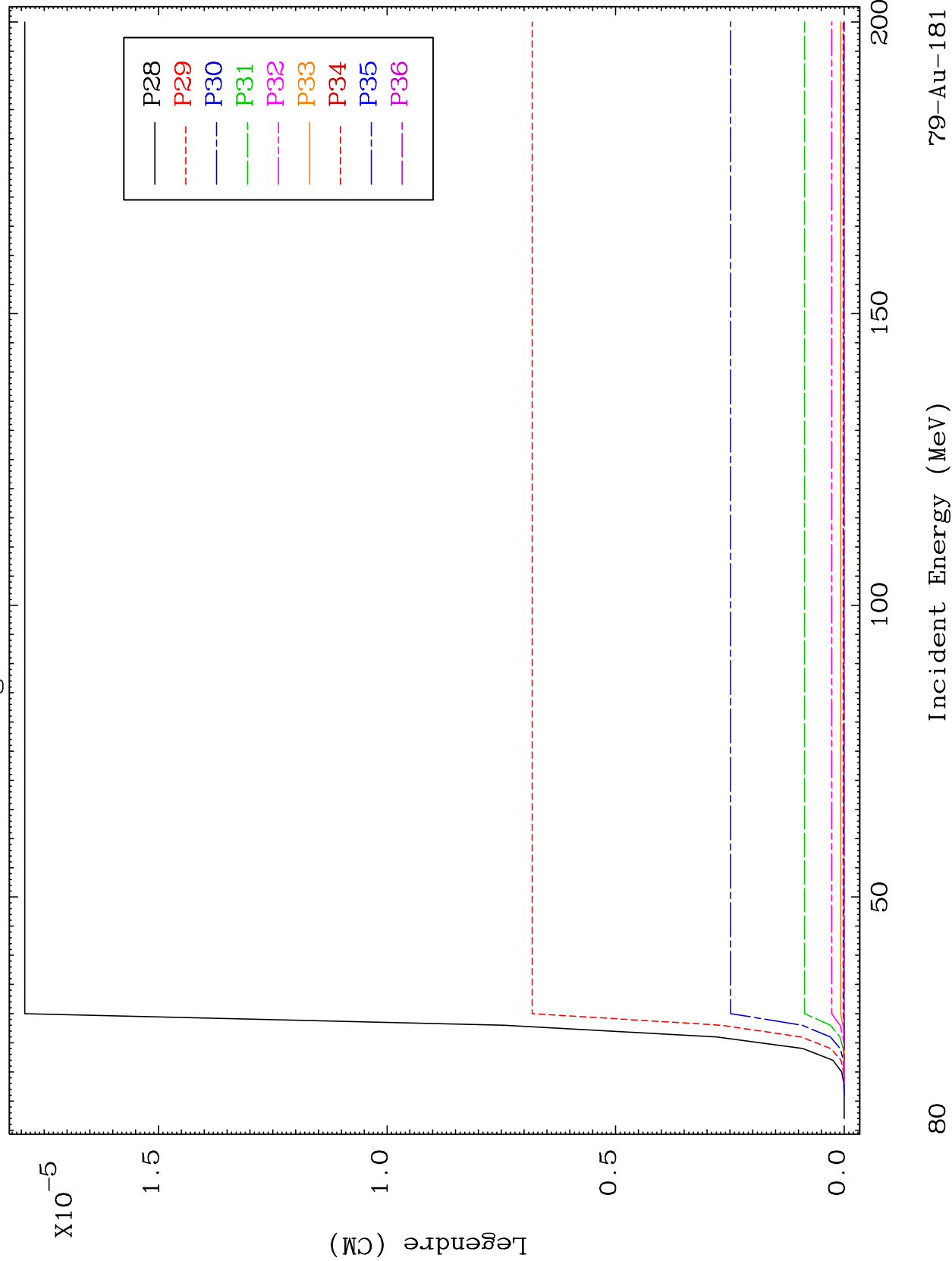
79

79-Au-181

MAT 7877

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

79-Au-181

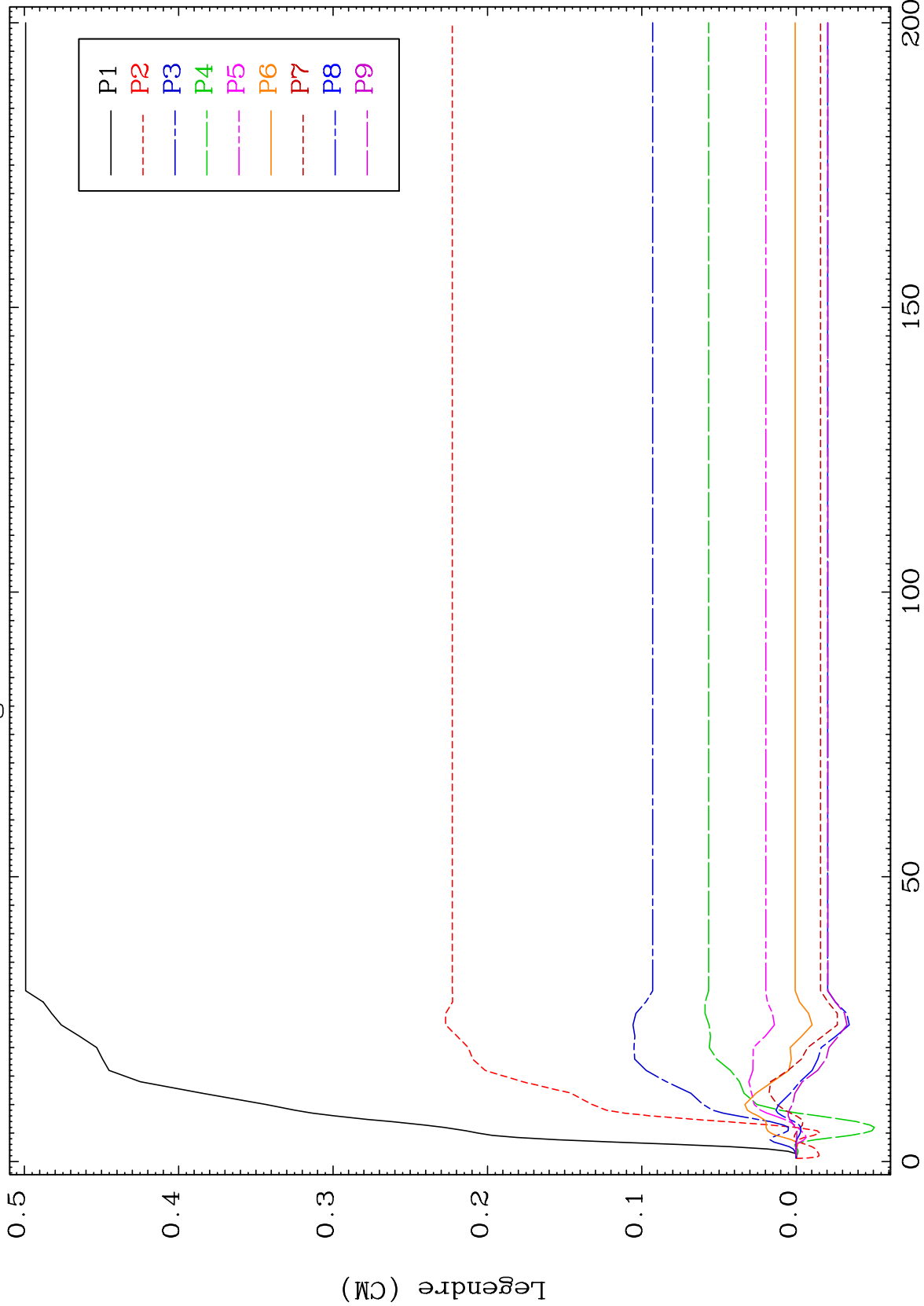


MAT 7877

MT= 66 (n,n') Level

79-Au-181

Legendre Coefficients



81

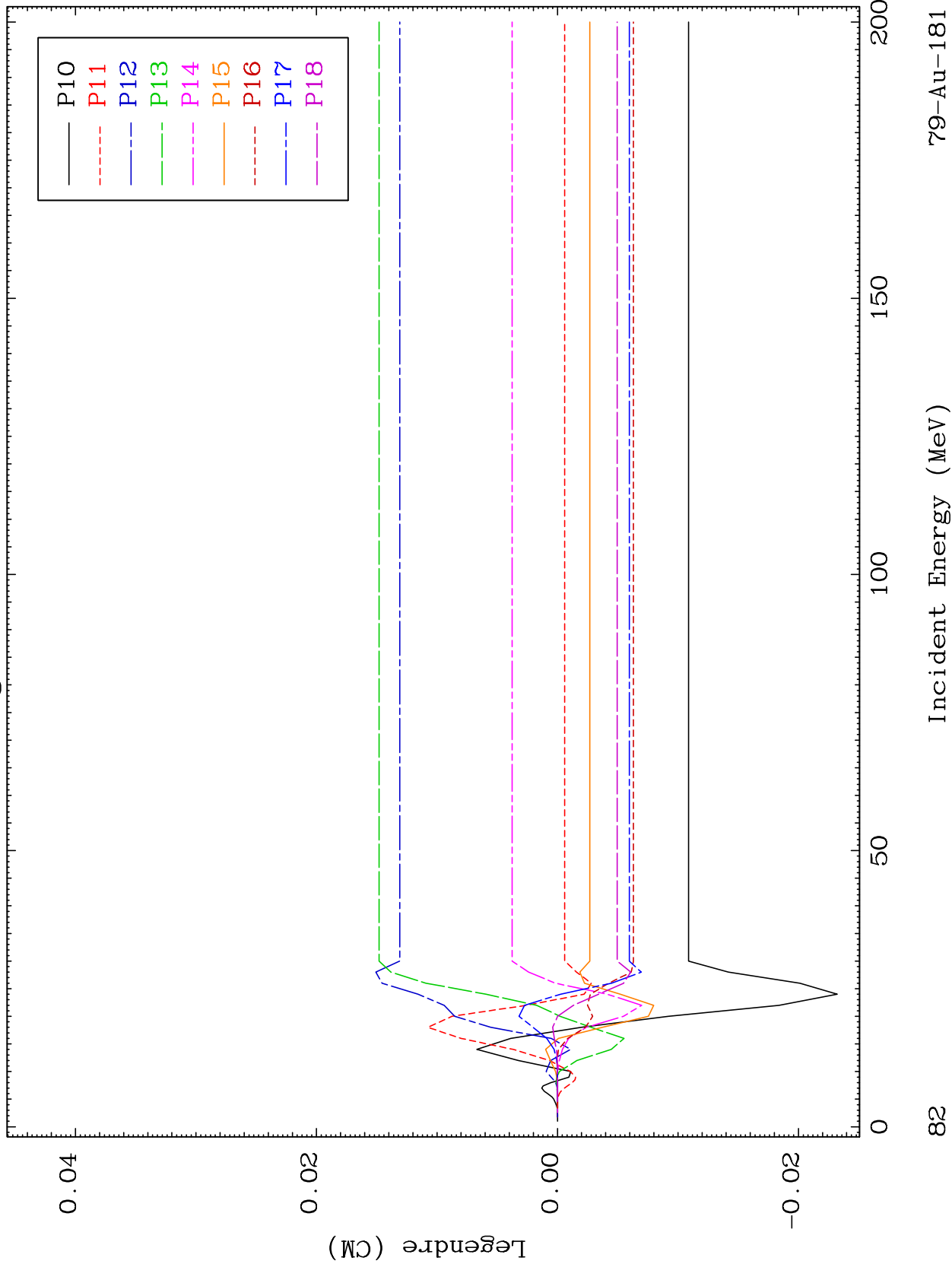
Incident Energy (MeV)

79-Au-181

MAT 78777

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

79-Au-181



82

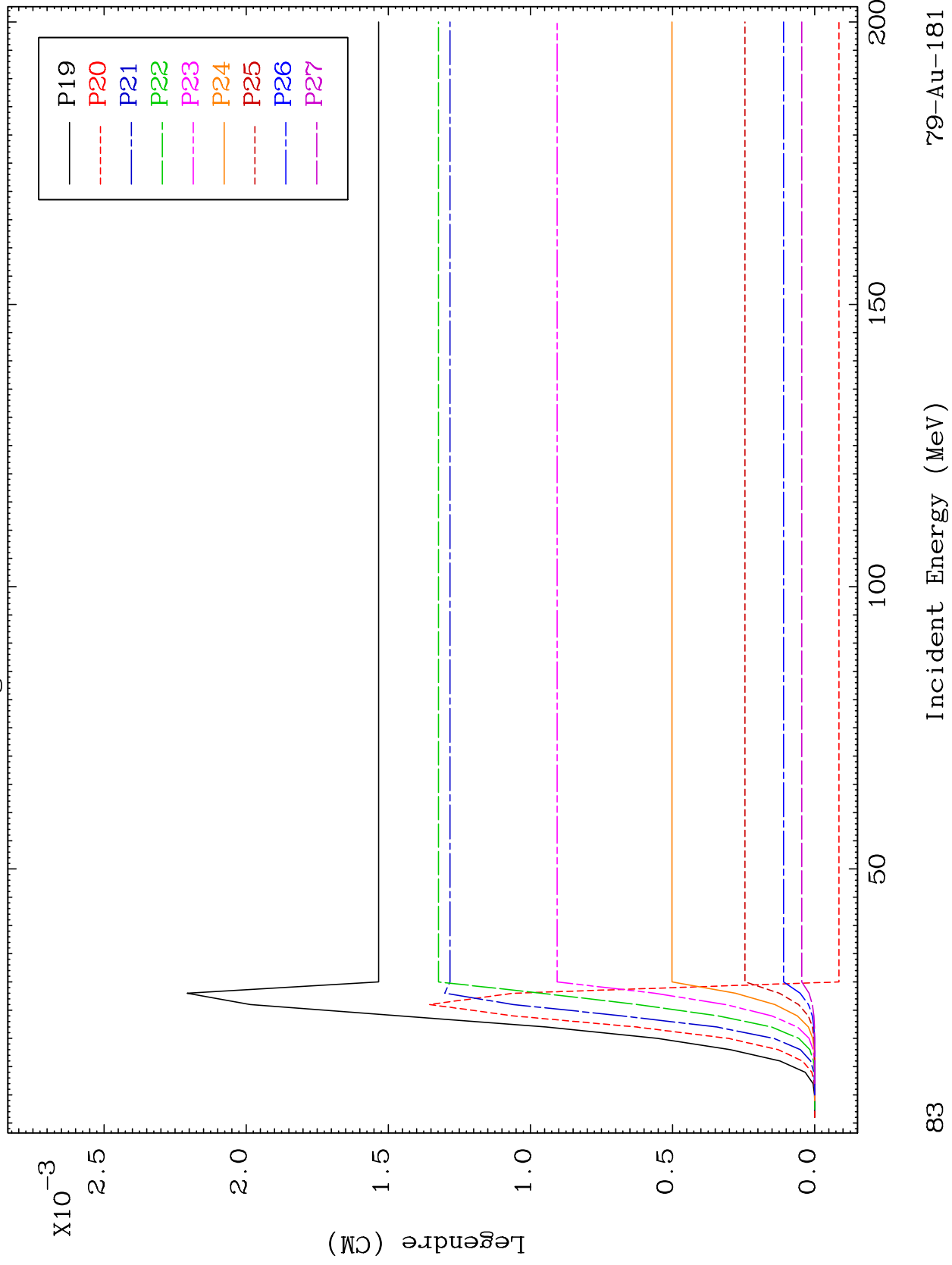
Incident Energy (MeV)

79-Au-181

MAT 78777

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

79-Au-181



83

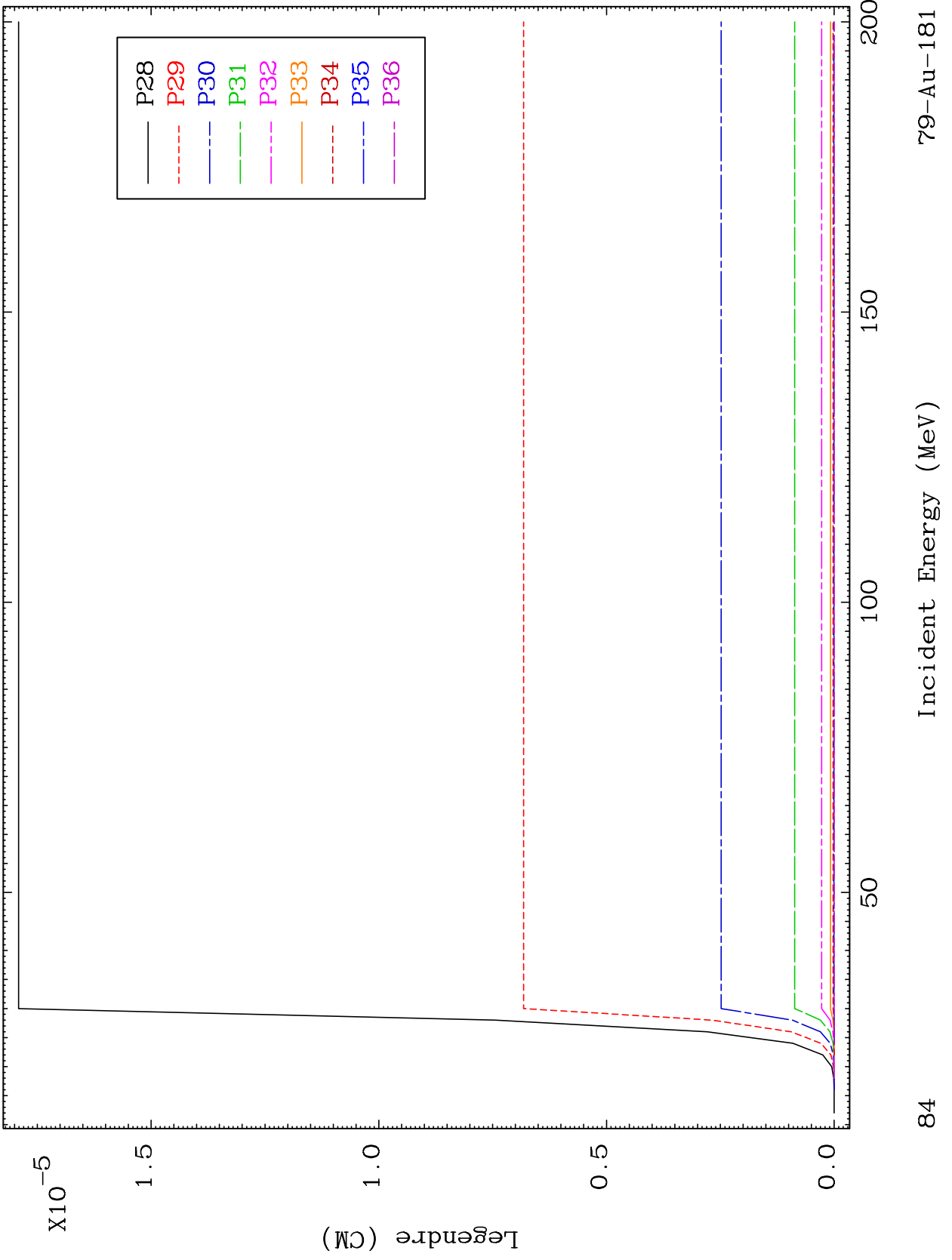
Incident Energy (MeV)

79-Au-181

MAT 78777

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

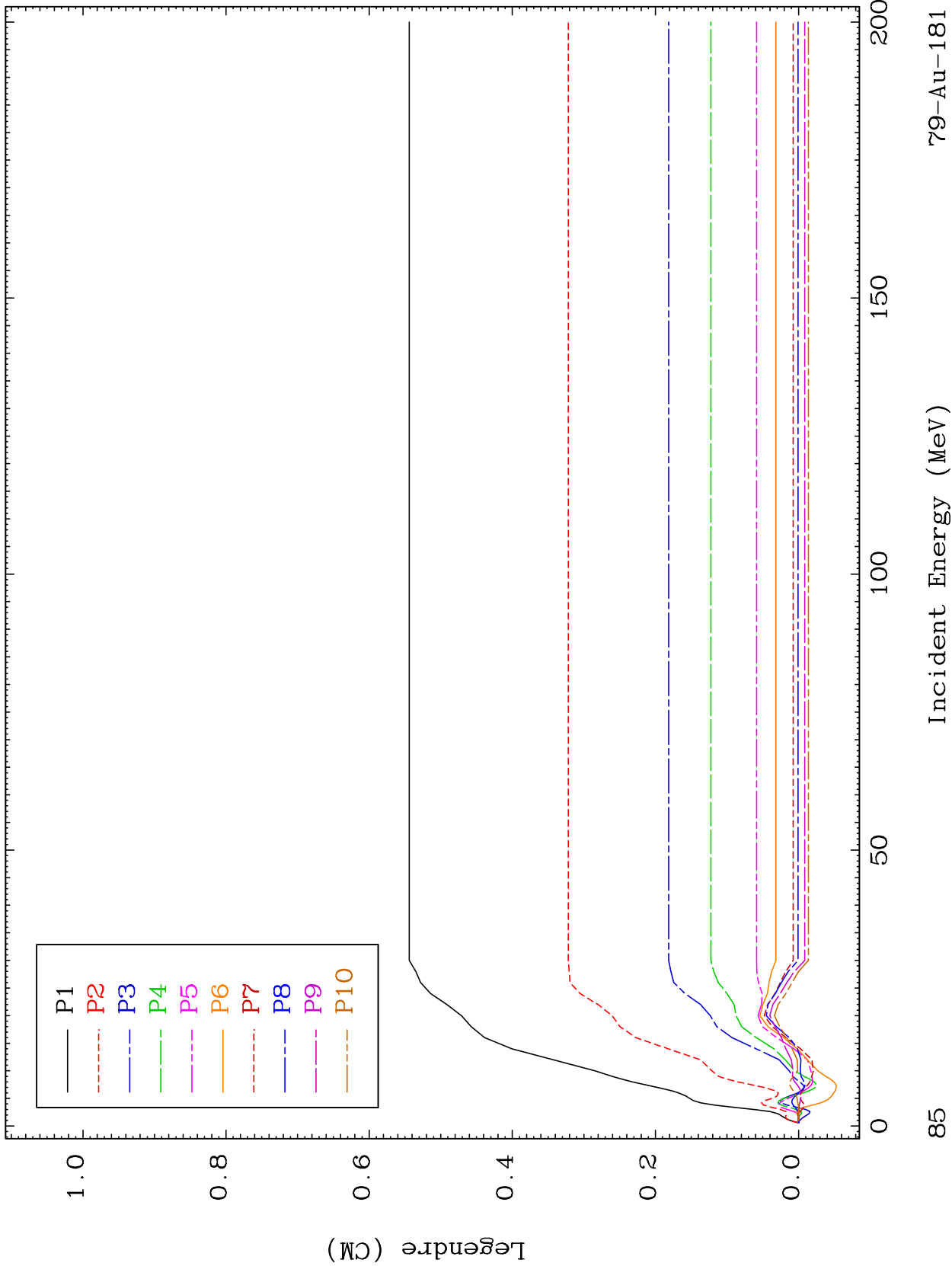
79-Au-181



MAT 7877

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

79-Au-181

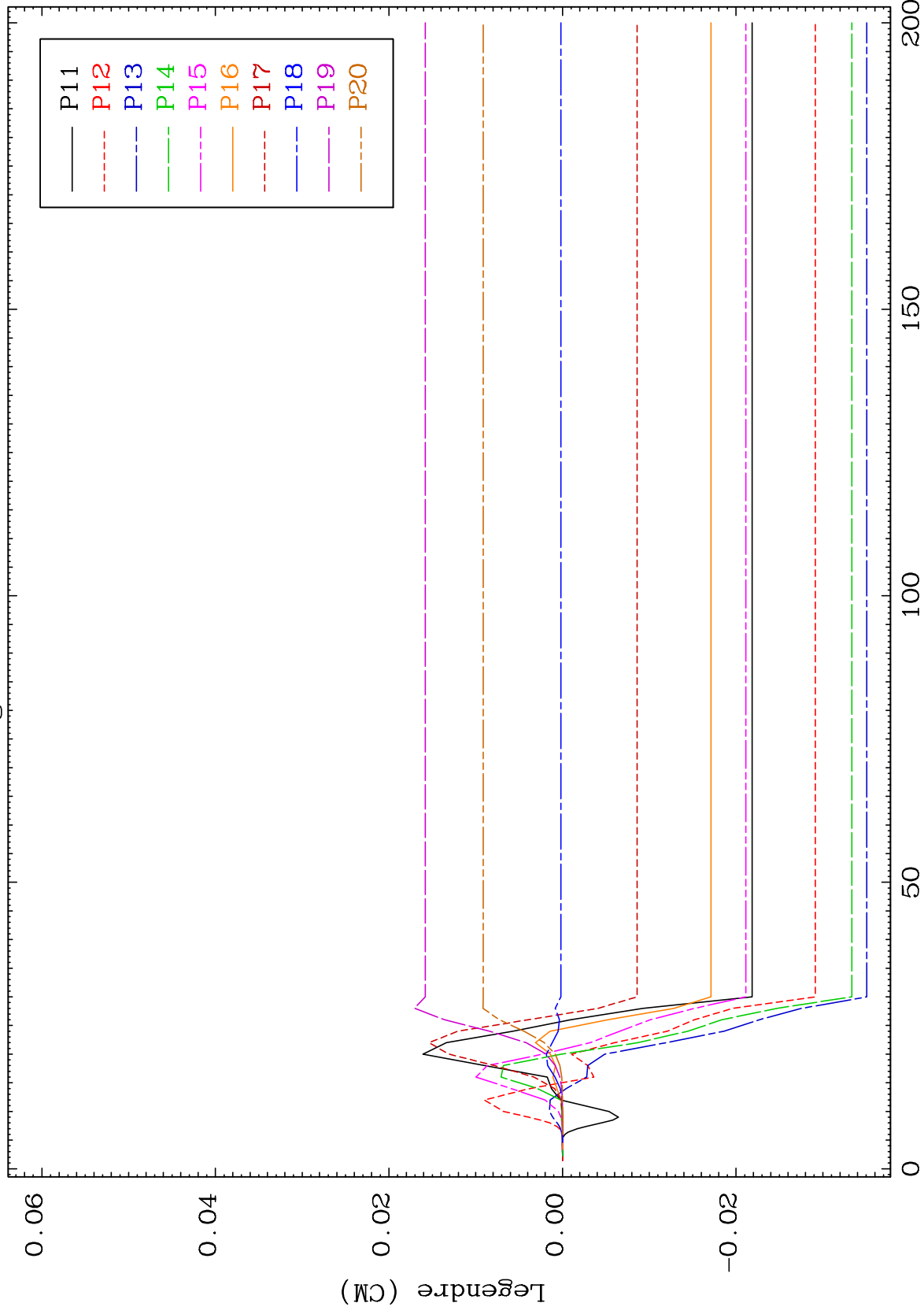


79-Au-181

MAT 78777

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

79-Au-181



86

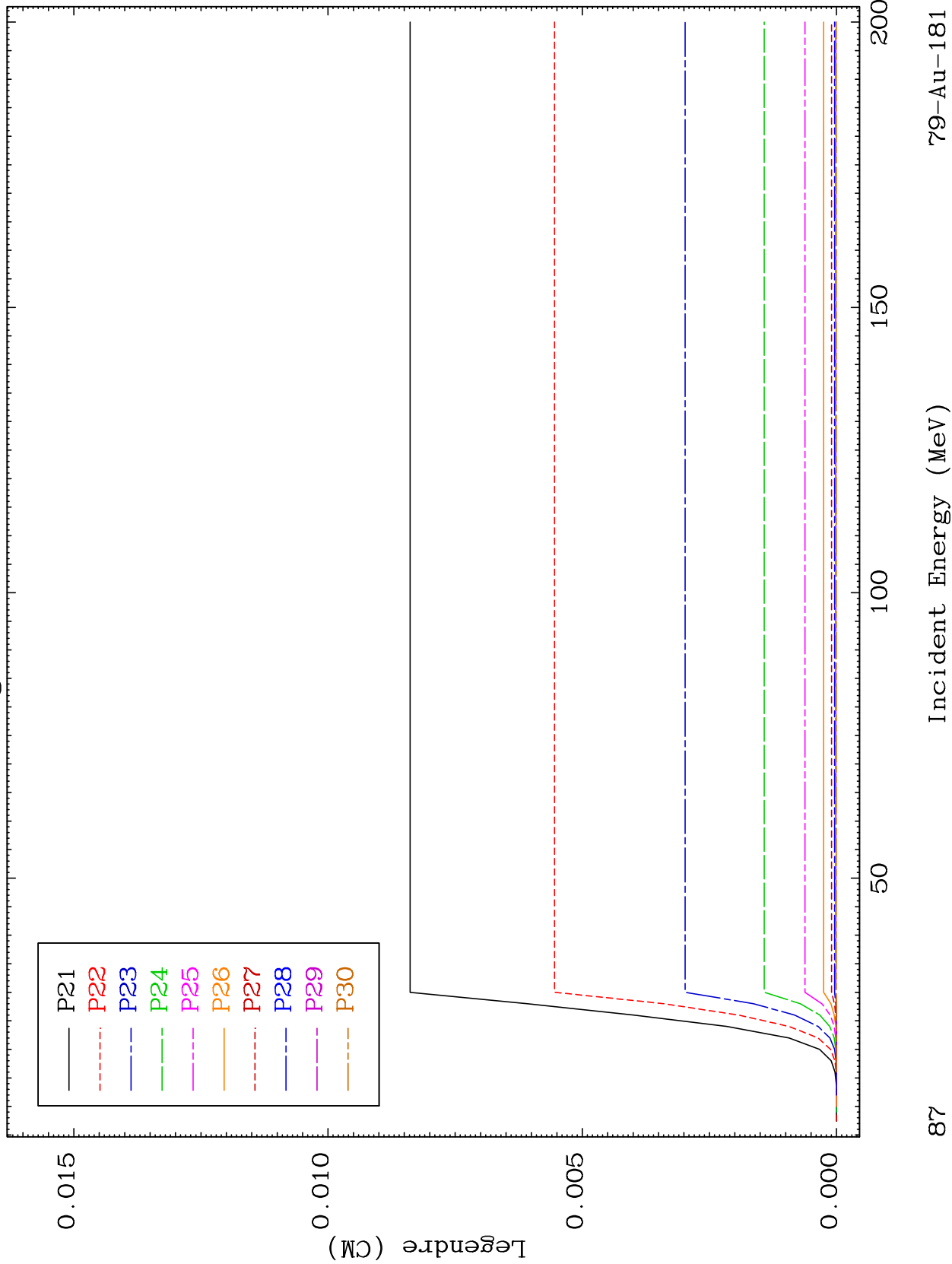
Incident Energy (MeV)

79-Au-181

MAT 7877

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

79-Au-181



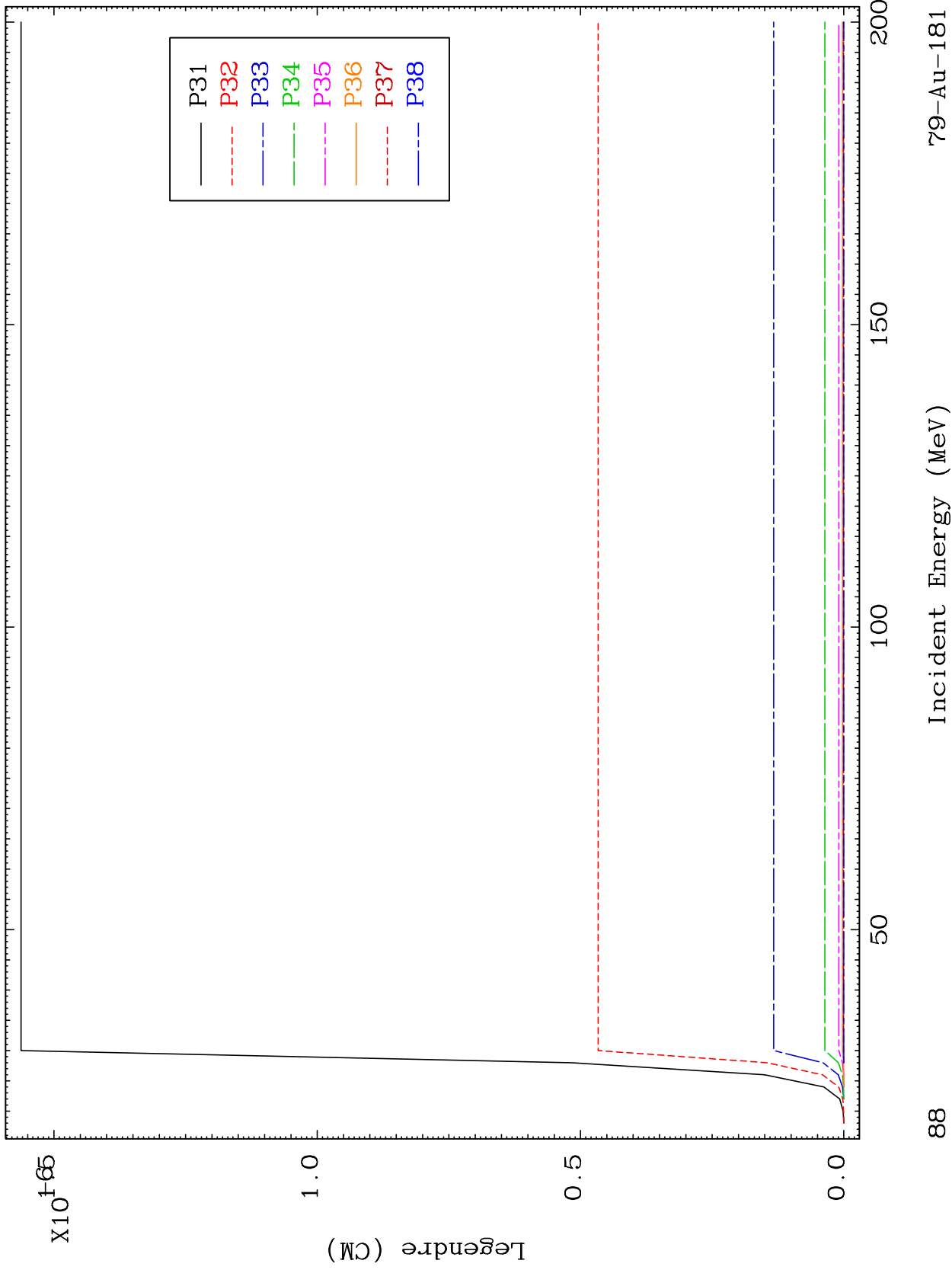
87

79-Au-181

MAT 7877

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

79-Au-181



88

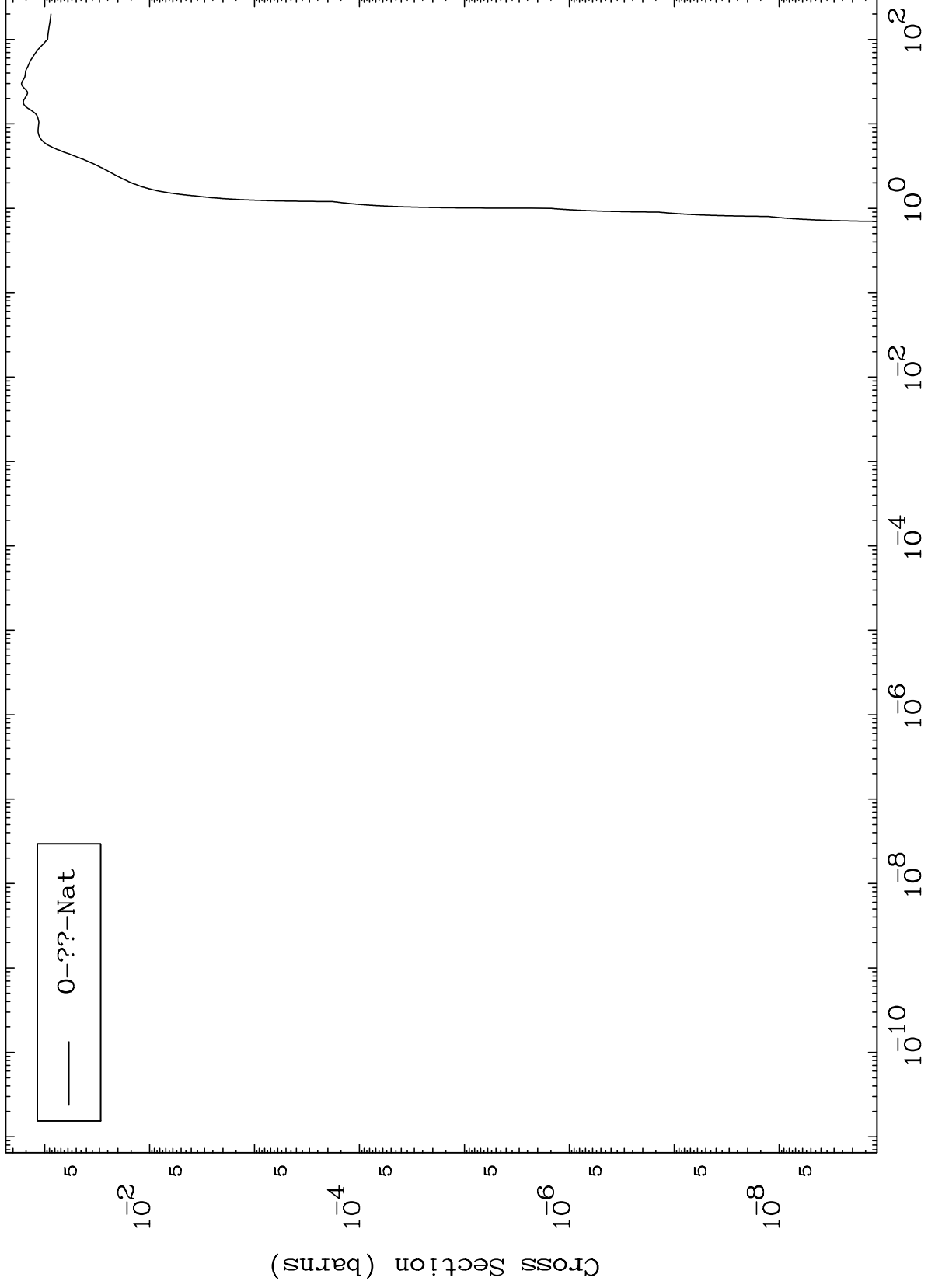
79-Au-181

MAT 7877

Fission

⁷⁹Au-181

Radionuclide Production Cross Section



89

Incident Energy (MeV)

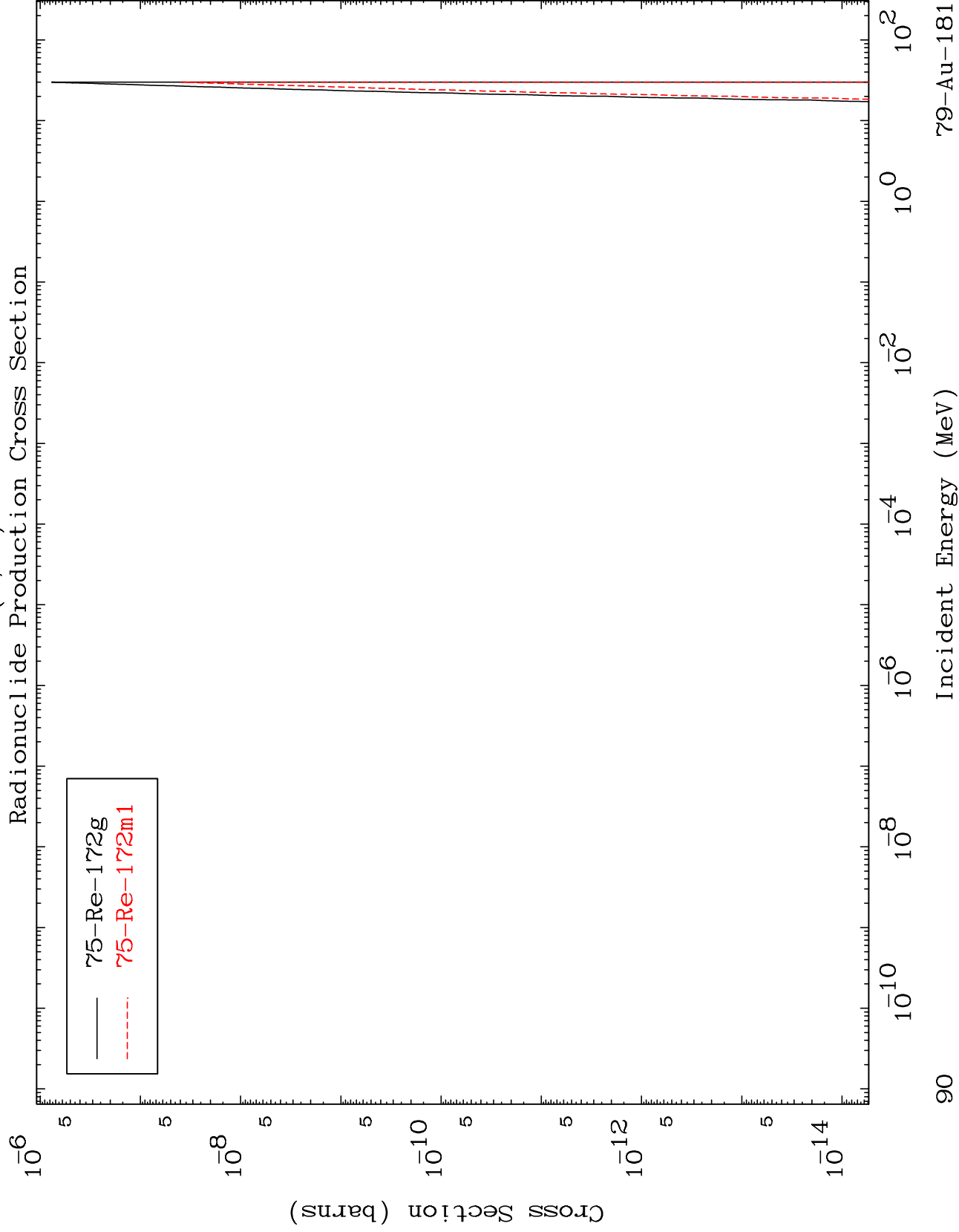
⁷⁹Au-181

MAT 7877

(n,2n) 2 α

79-Au-181

Radionuclide Production Cross Section



90

Incident Energy (MeV)

79-Au-181