

Program EVALPLOT
(Version 2021-1)

by

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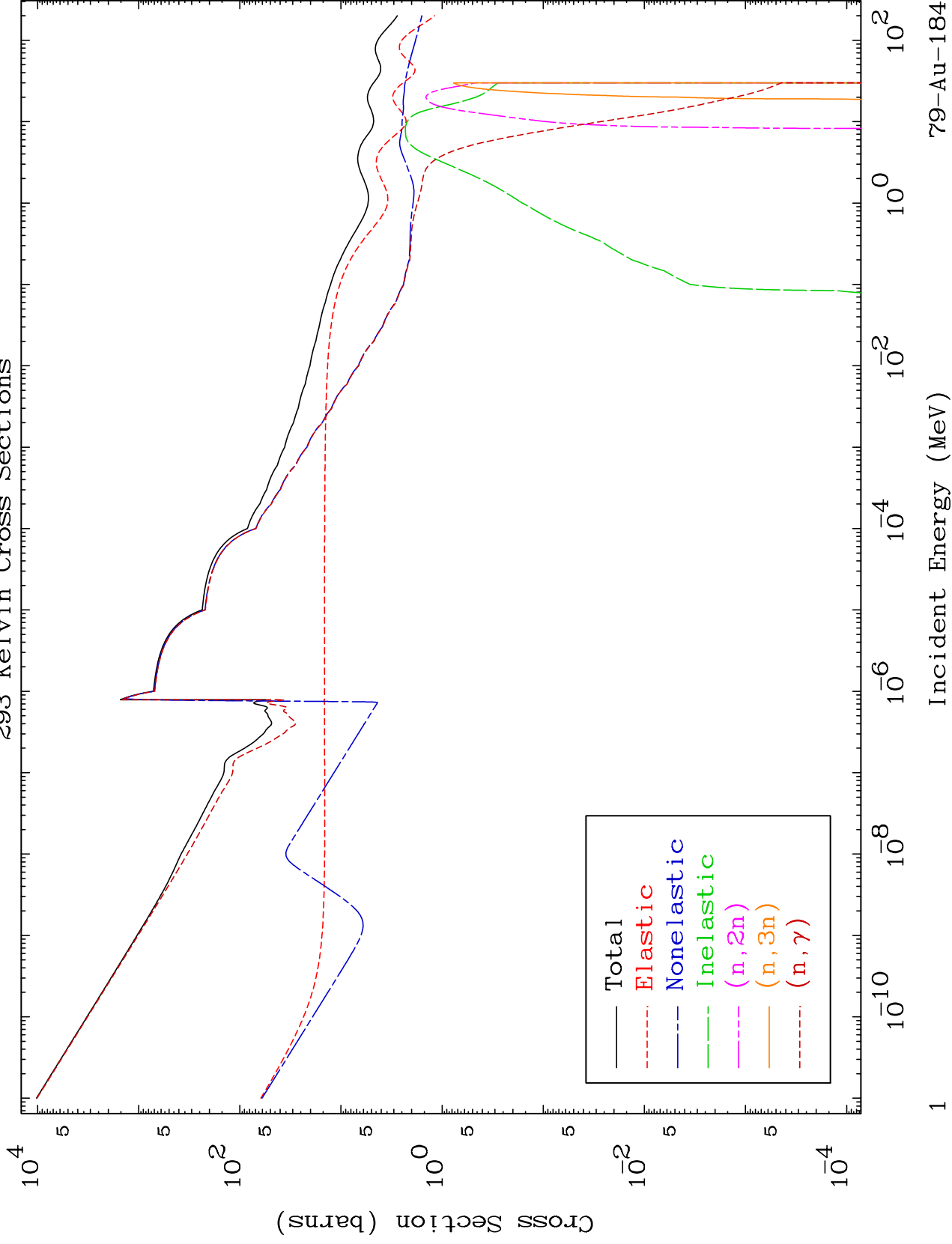
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7886

Neutron Major
293 Kelvin Cross Sections

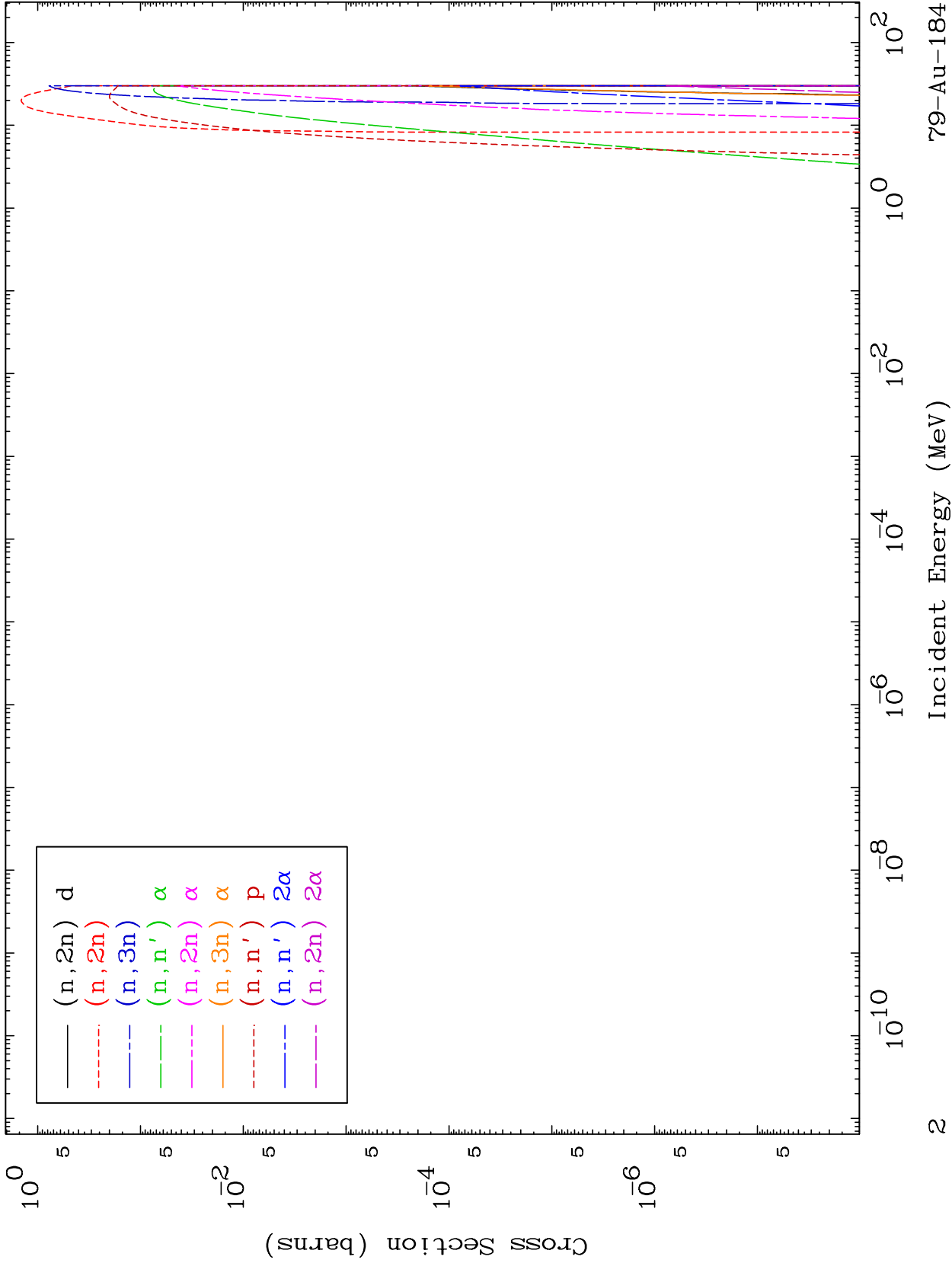
79-Au-184



MAT 7886

Neutron Absorption
293 Kelvin Cross Sections

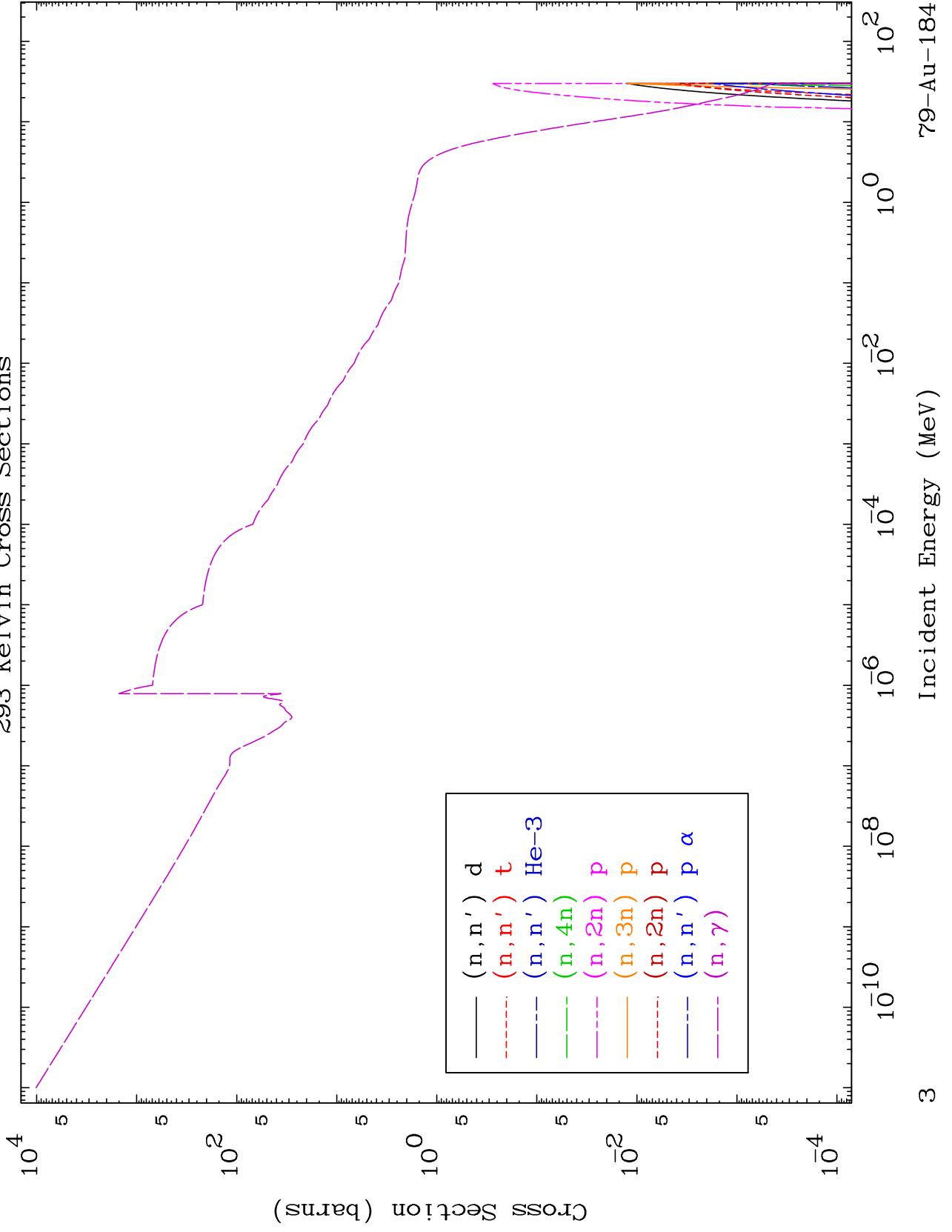
79-Au-184

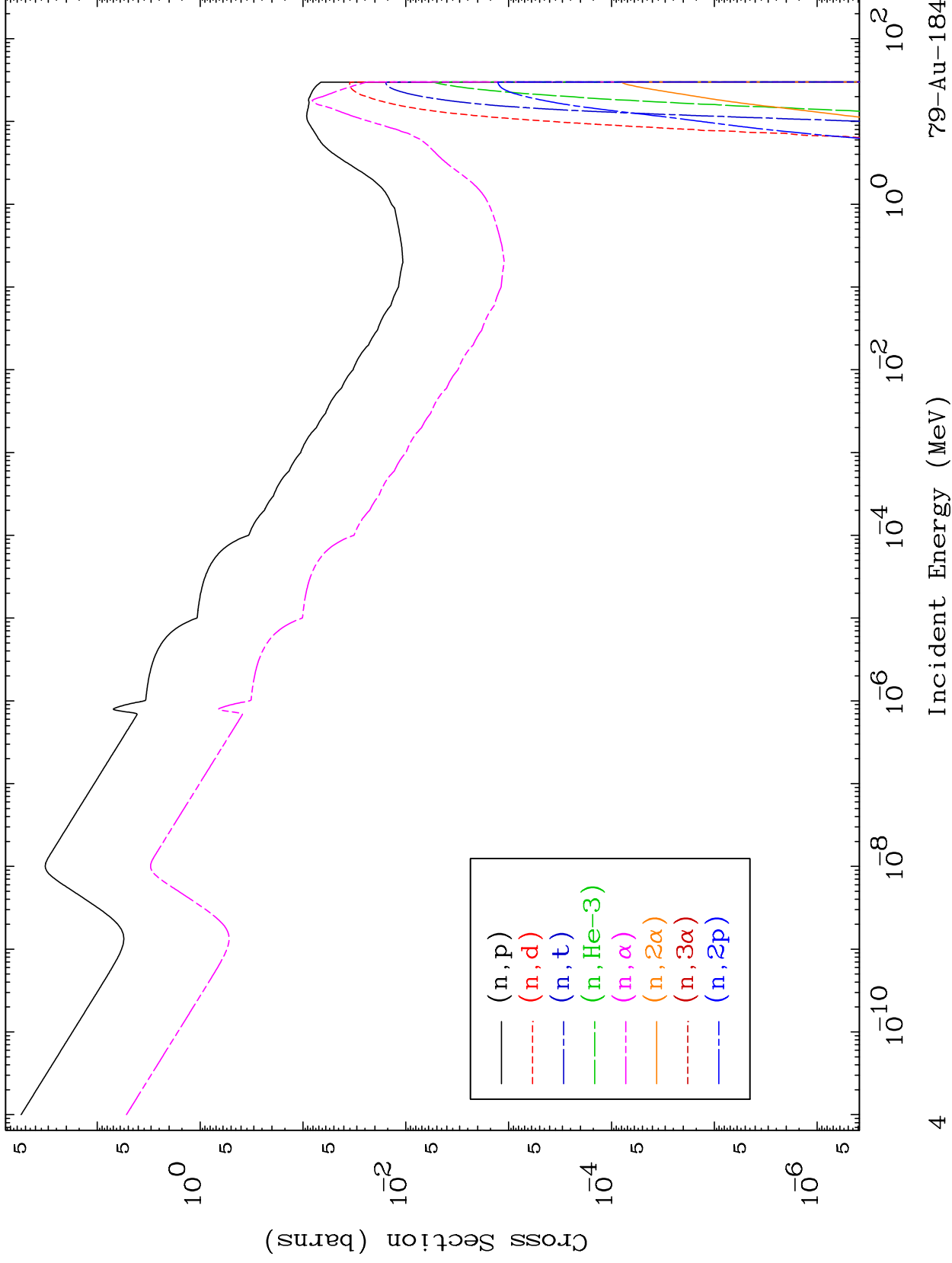


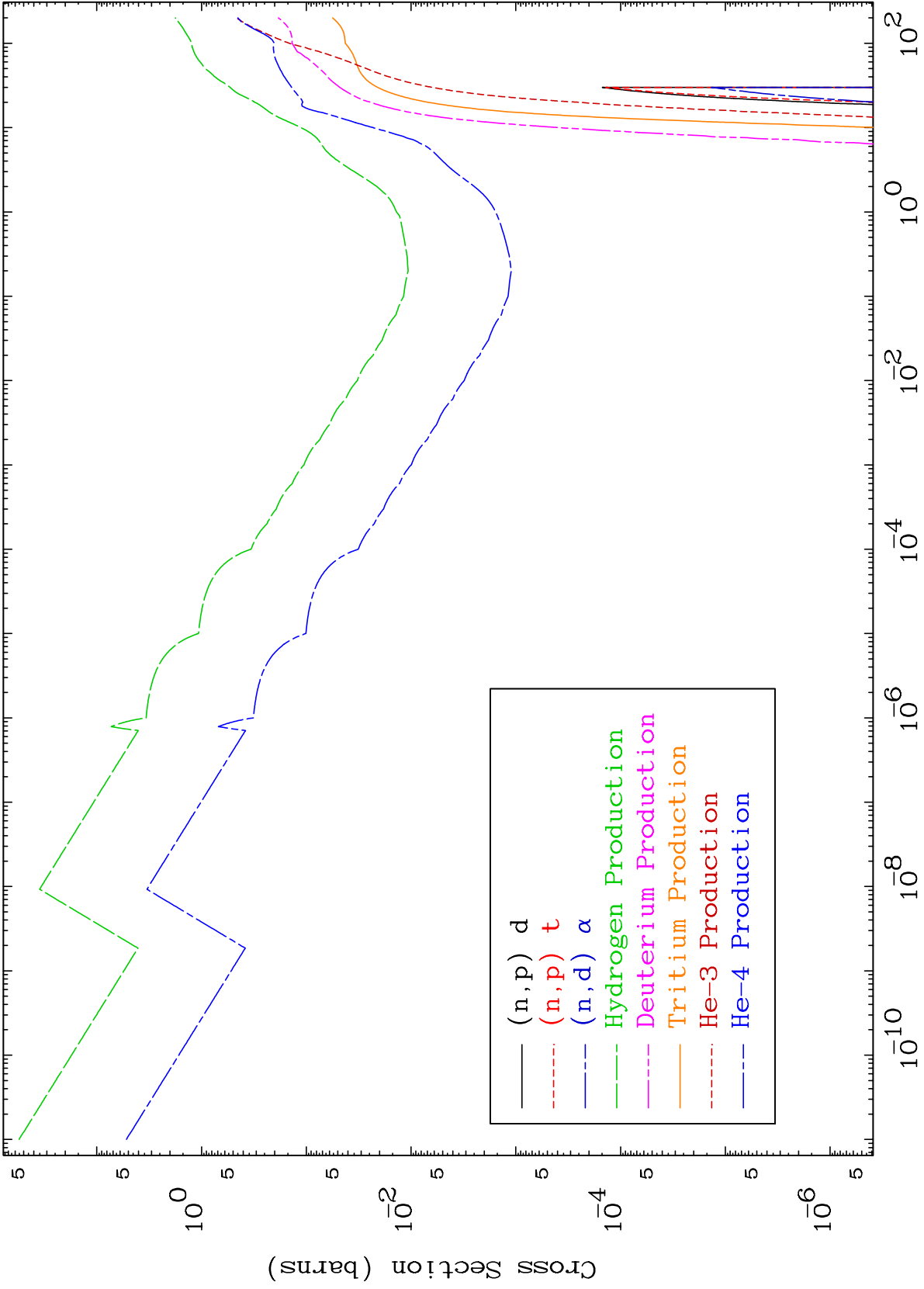
MAT 7886

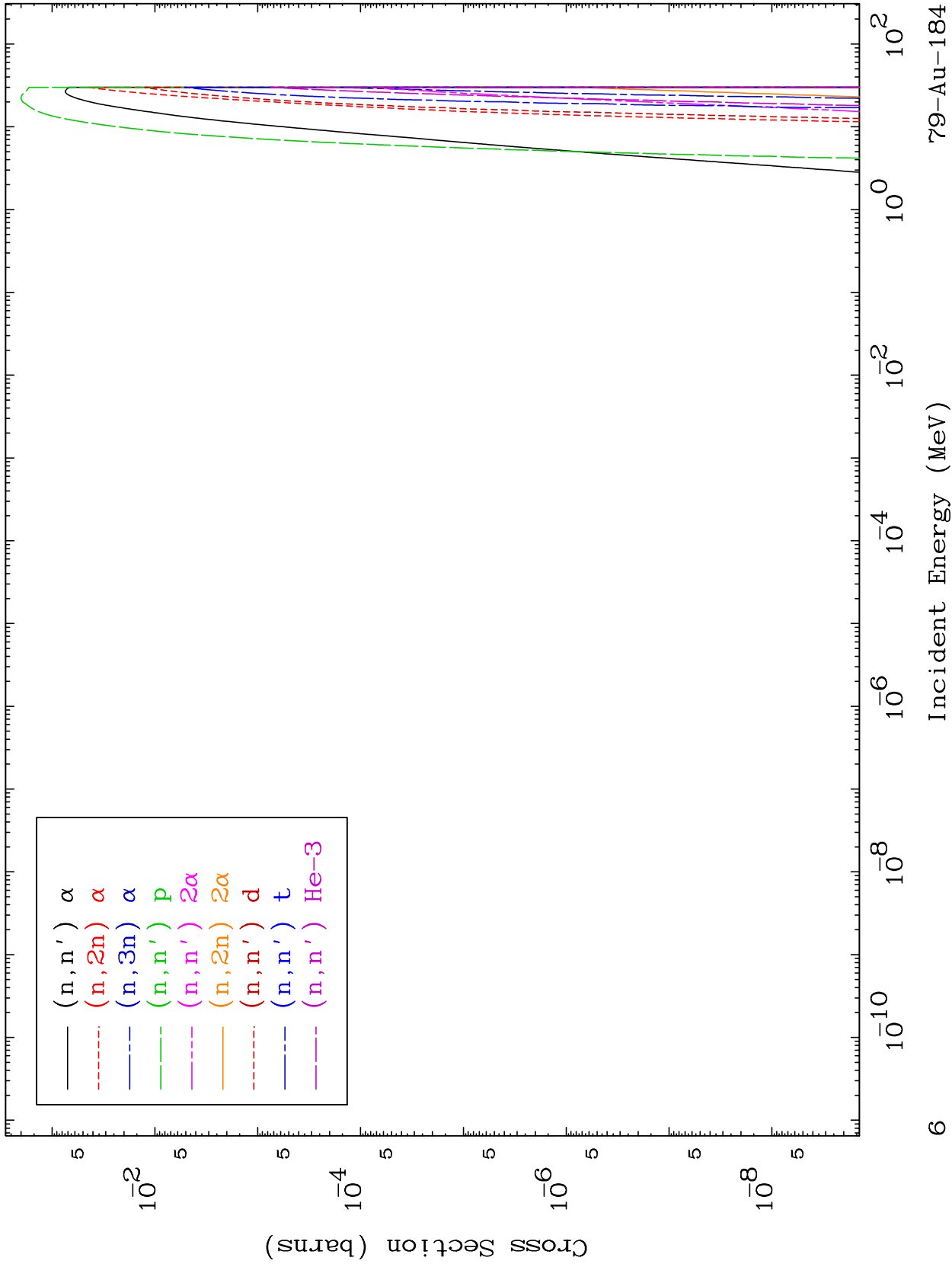
Neutron Absorption
293 Kelvin Cross Sections

79-Au-184





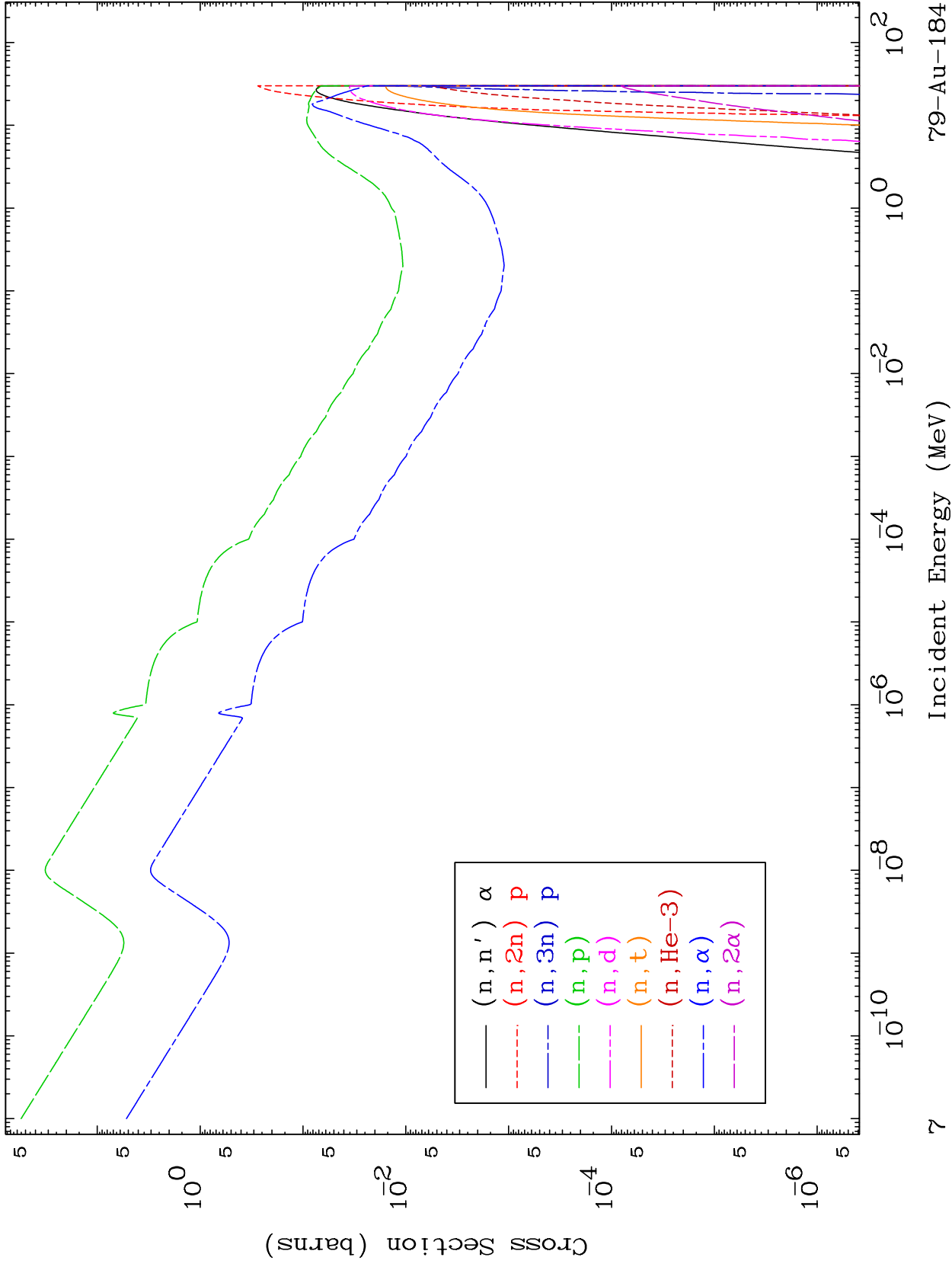




MAT 7886

Charged Particle
293 Kelvin Cross Sections

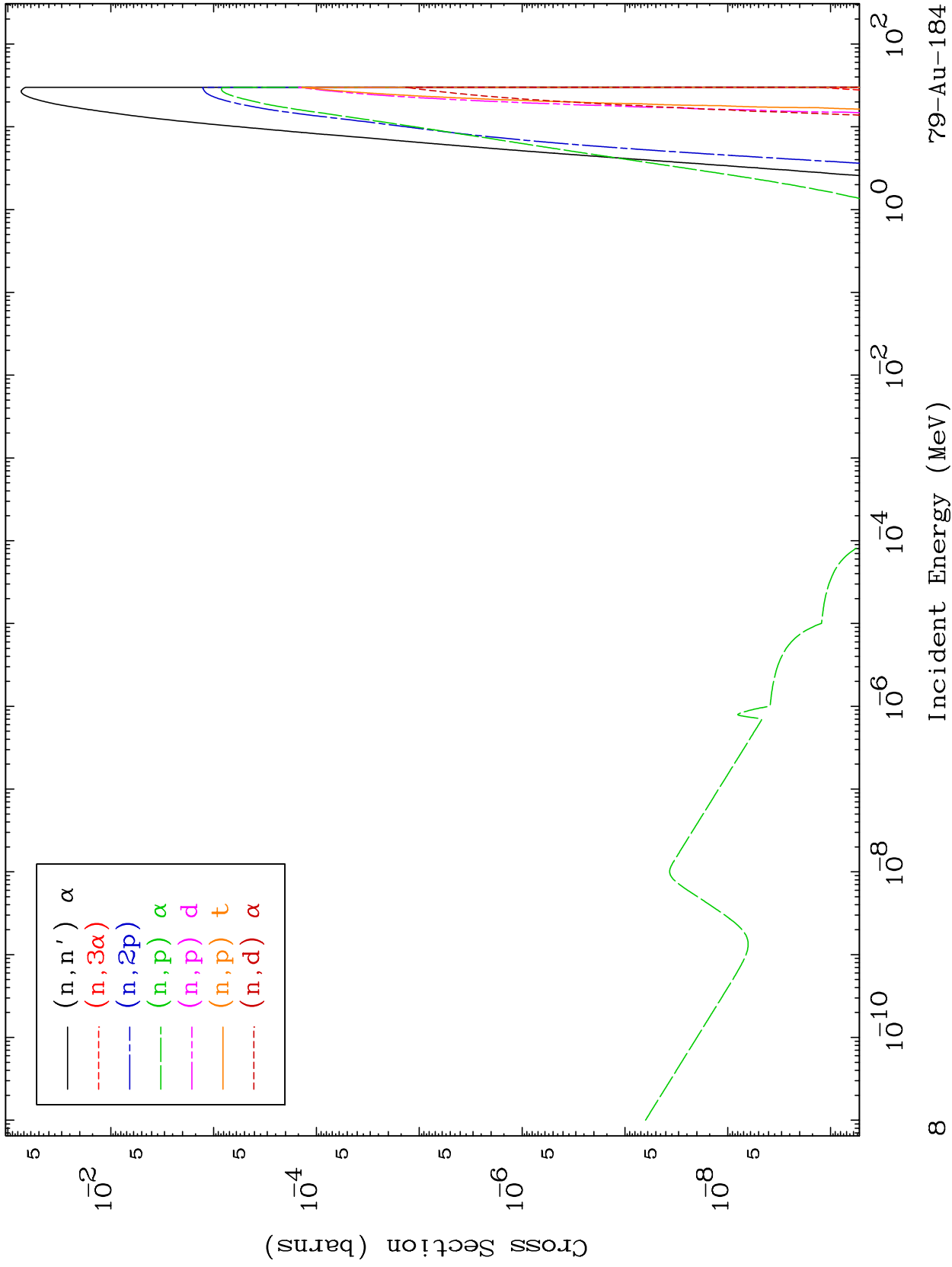
79-Au-184

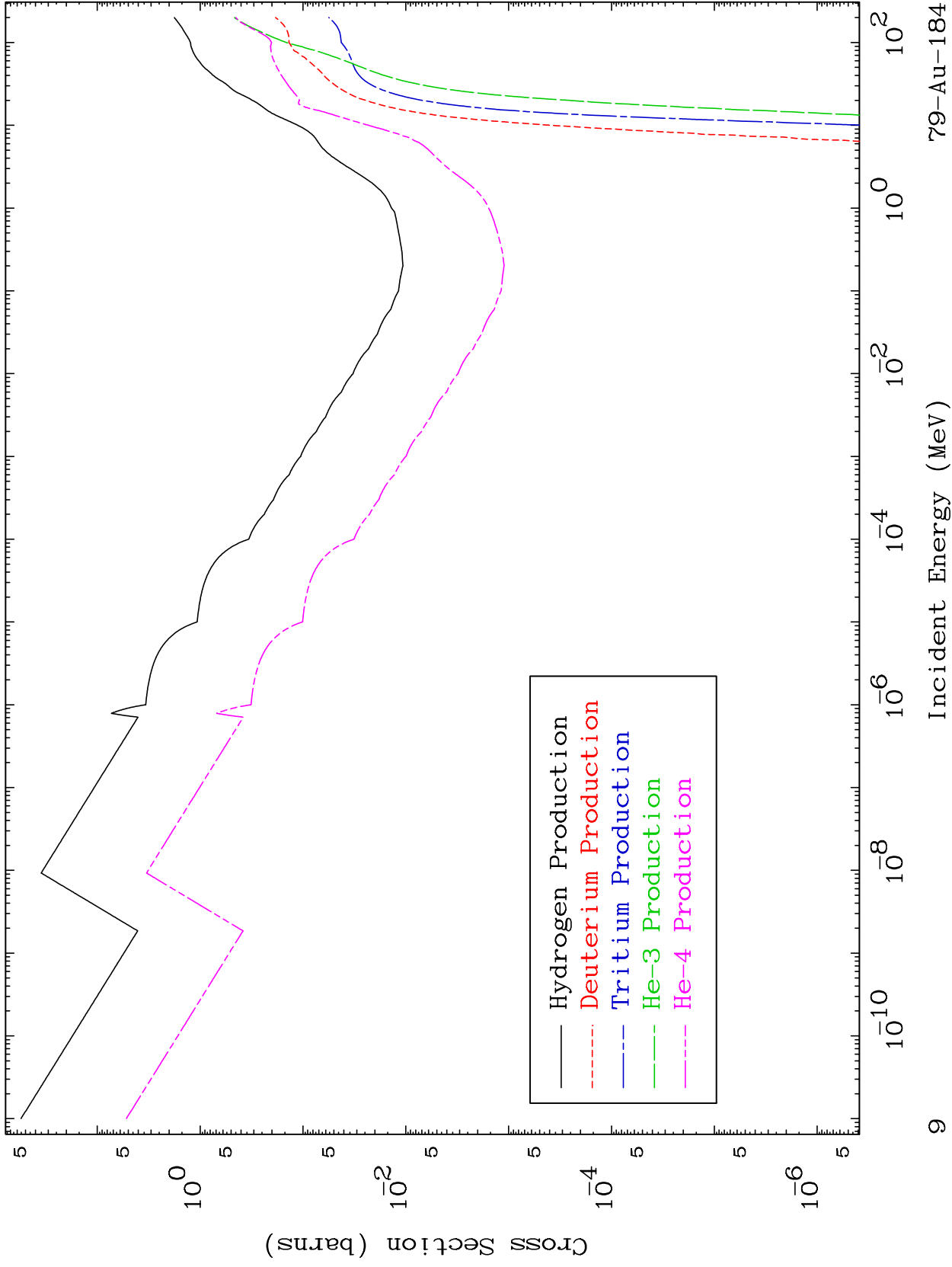


MAT 7886

Charged Particle
293 Kelvin Cross Sections

79-Au-184

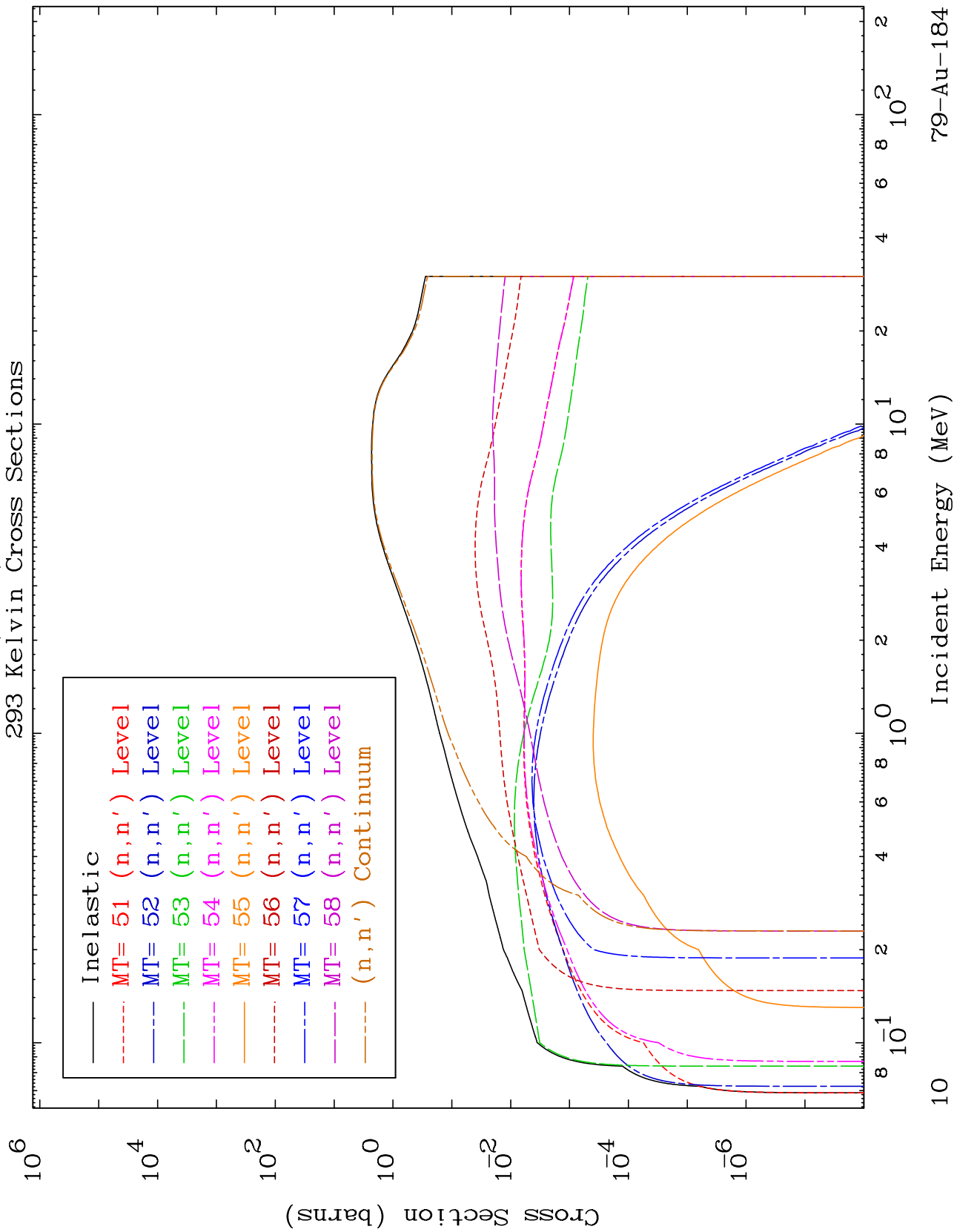




MAT 7886

(n,n') Levels
293 Kelvin Cross Sections

79-Au-184



10

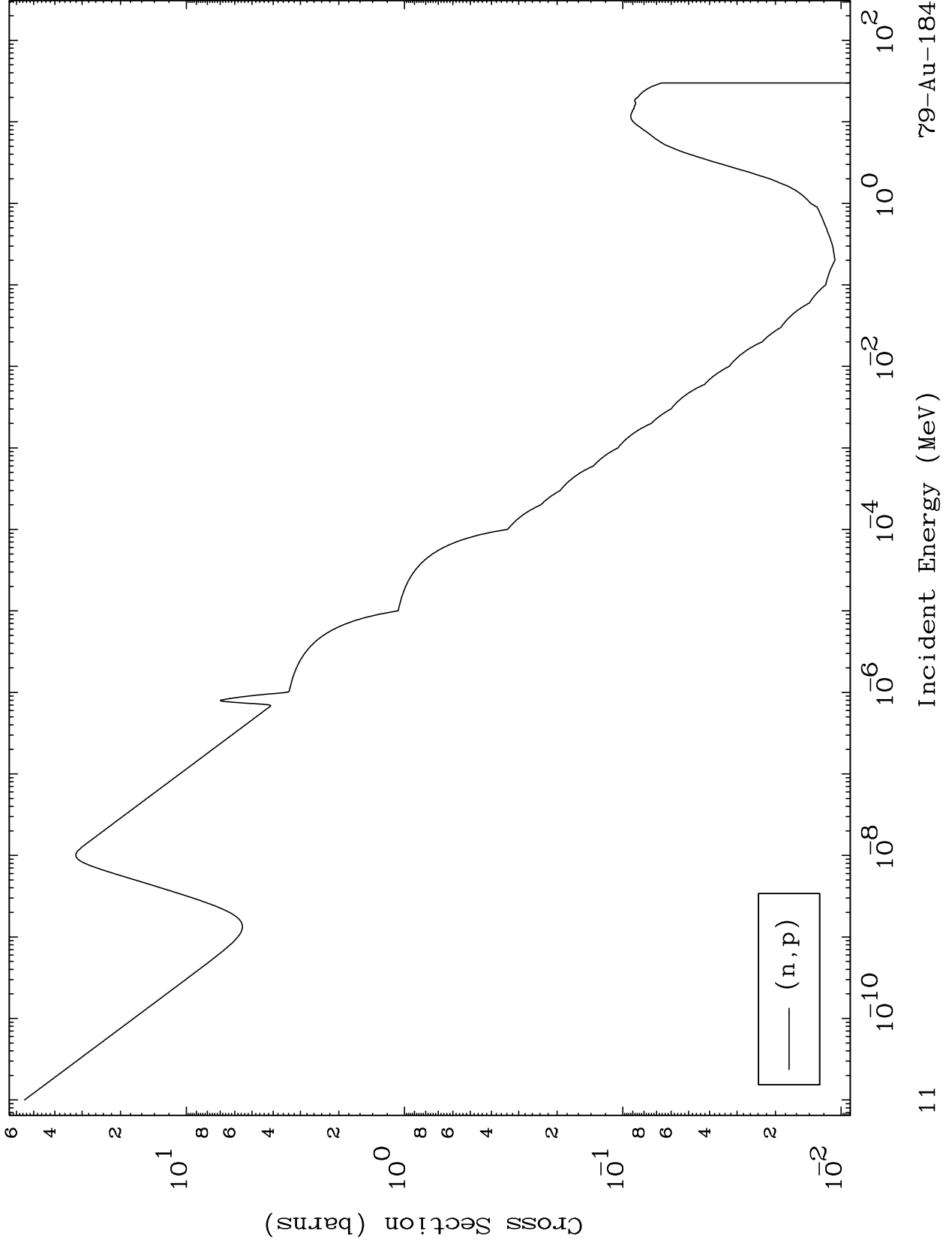
Incident Energy (MeV)

79-Au-184

MAT 7886

(n,p) Levels
293 Kelvin Cross Sections

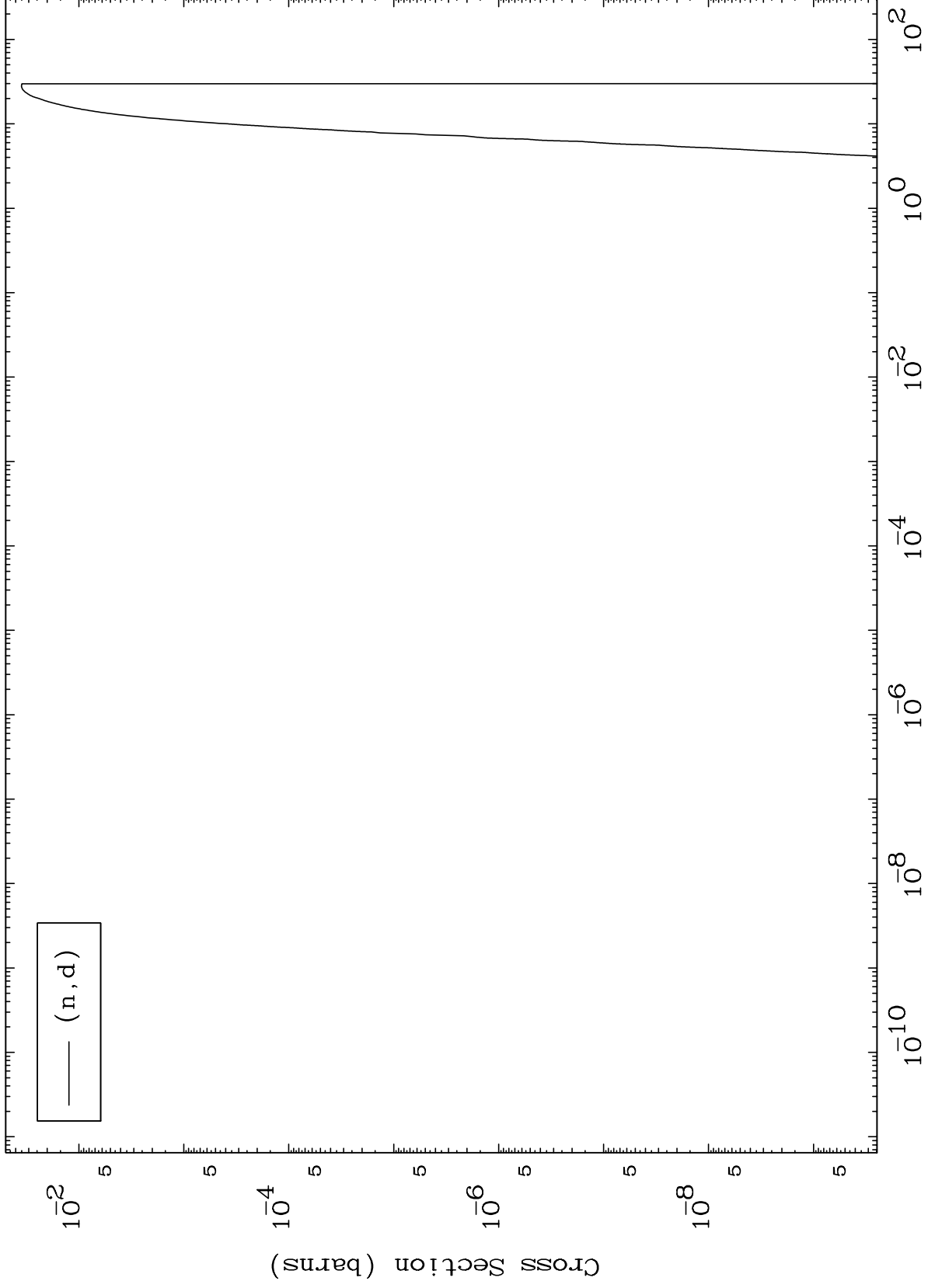
79-Au-184



MAT 7886

(n,d) Levels
293 Kelvin Cross Sections

79-Au-184



12

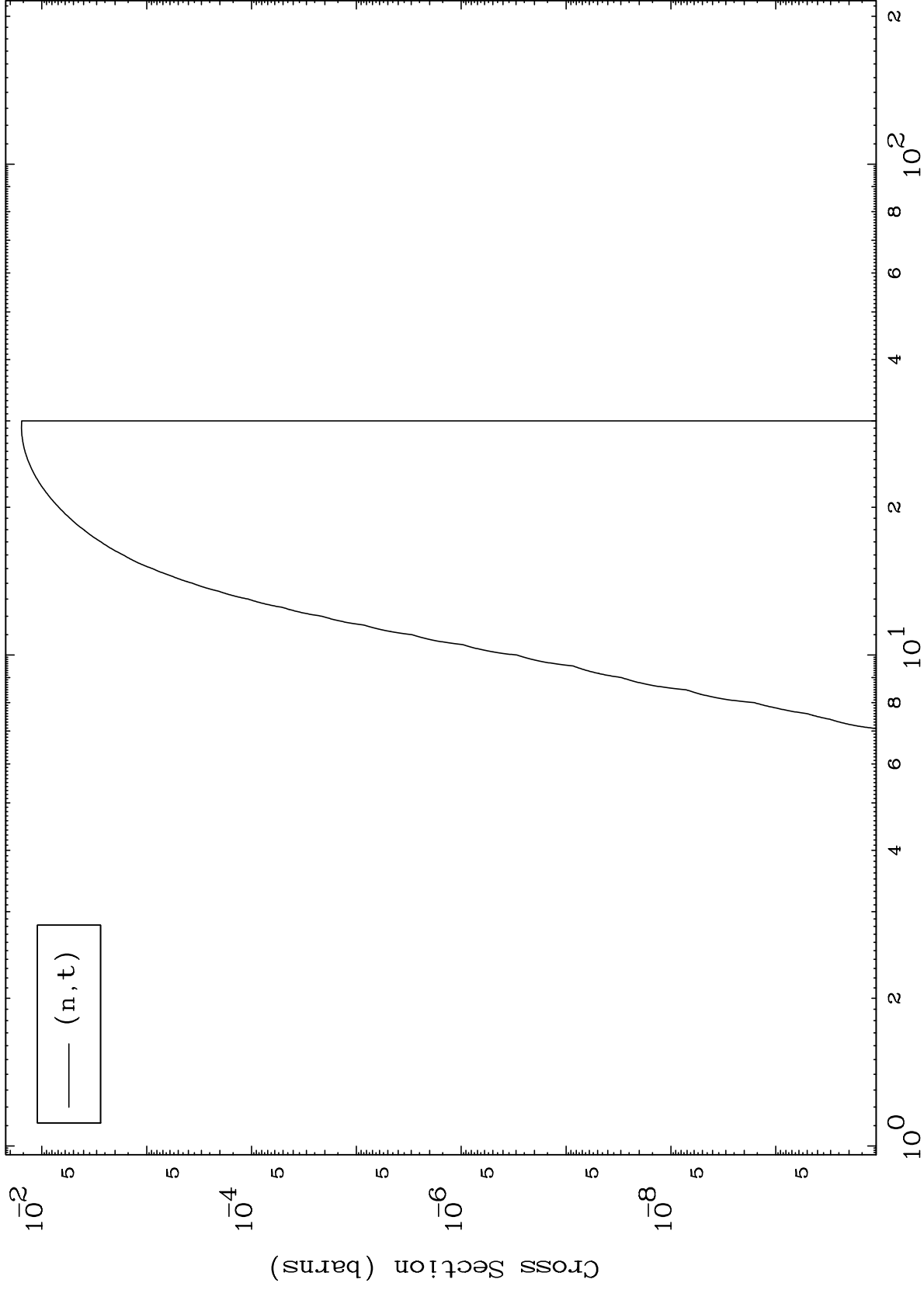
Incident Energy (MeV)

79-Au-184

MAT 7886

(n,t) Levels
293 Kelvin Cross Sections

79-Au-184



13

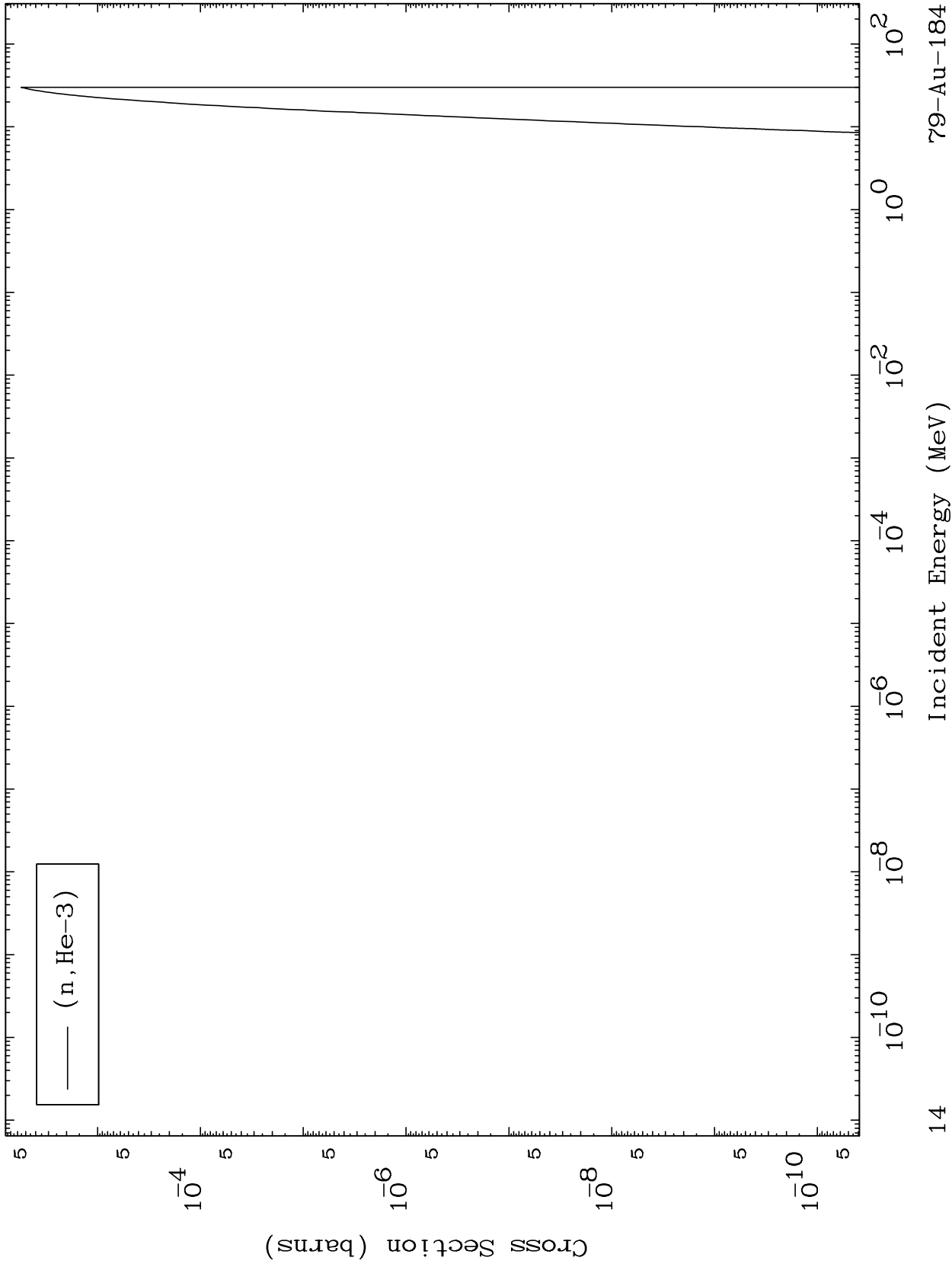
Incident Energy (MeV)

79-Au-184

MAT 7886

(n,He3) Levels
293 Kelvin Cross Sections

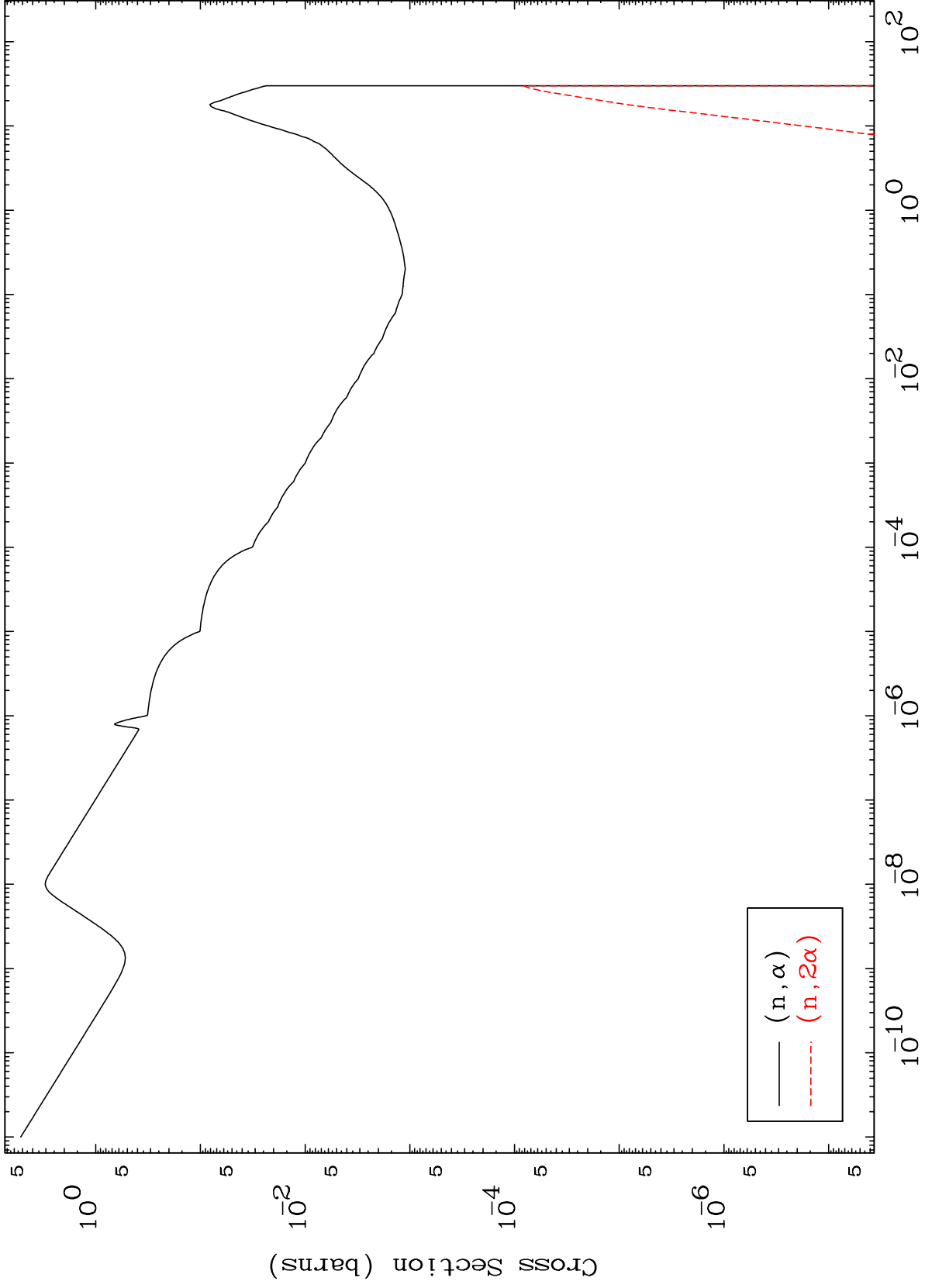
79-Au-184



MAT 7886

(n,α) Levels
293 Kelvin Cross Sections

79-Au-184



15

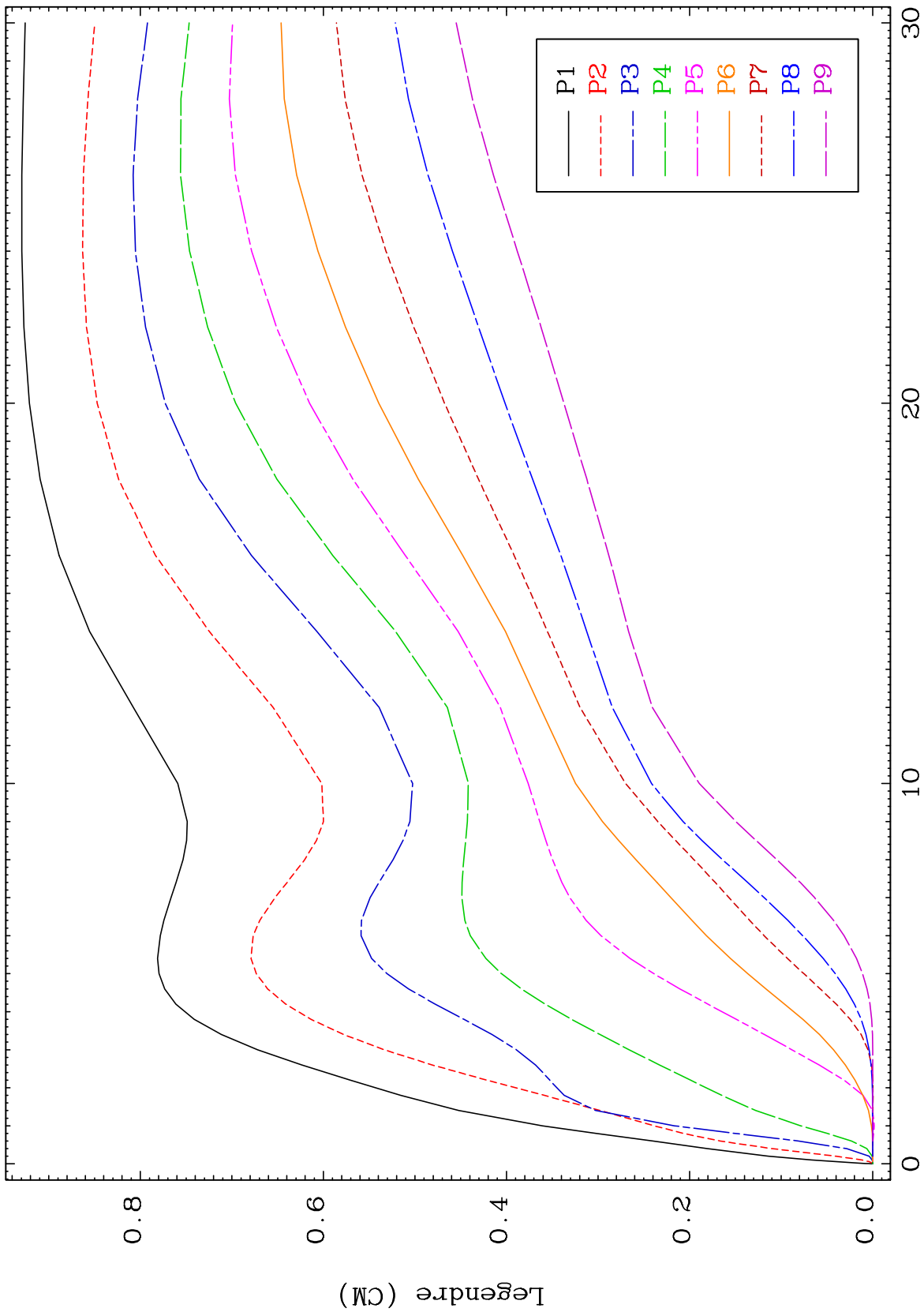
Incident Energy (MeV)

79-Au-184

MAT 7886

79-Au-184

Elastic Legendre Coefficients



16

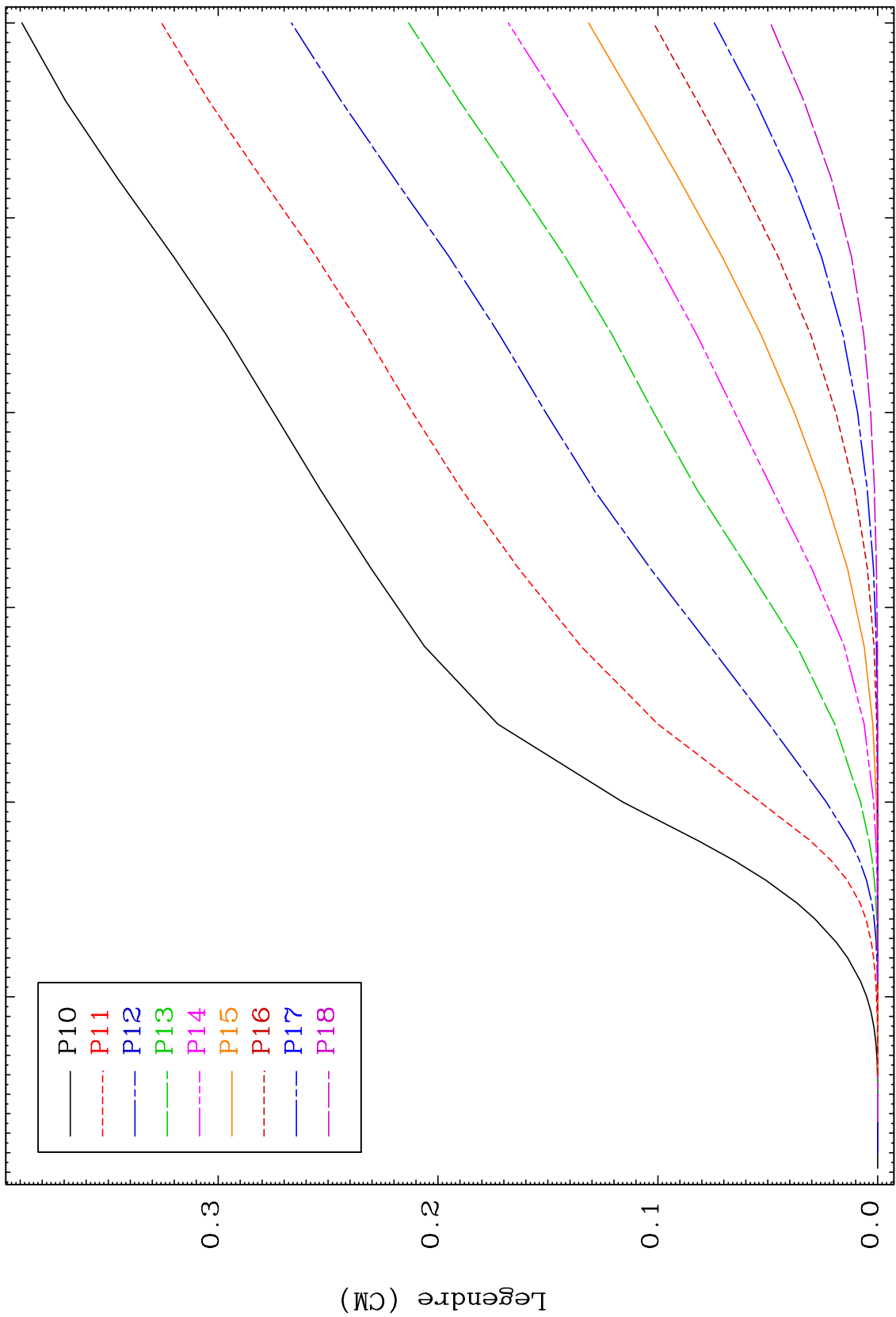
Incident Energy (MeV)

79-Au-184

MAT 7886

Elastic Legendre Coefficients

⁷⁹Au-184



17

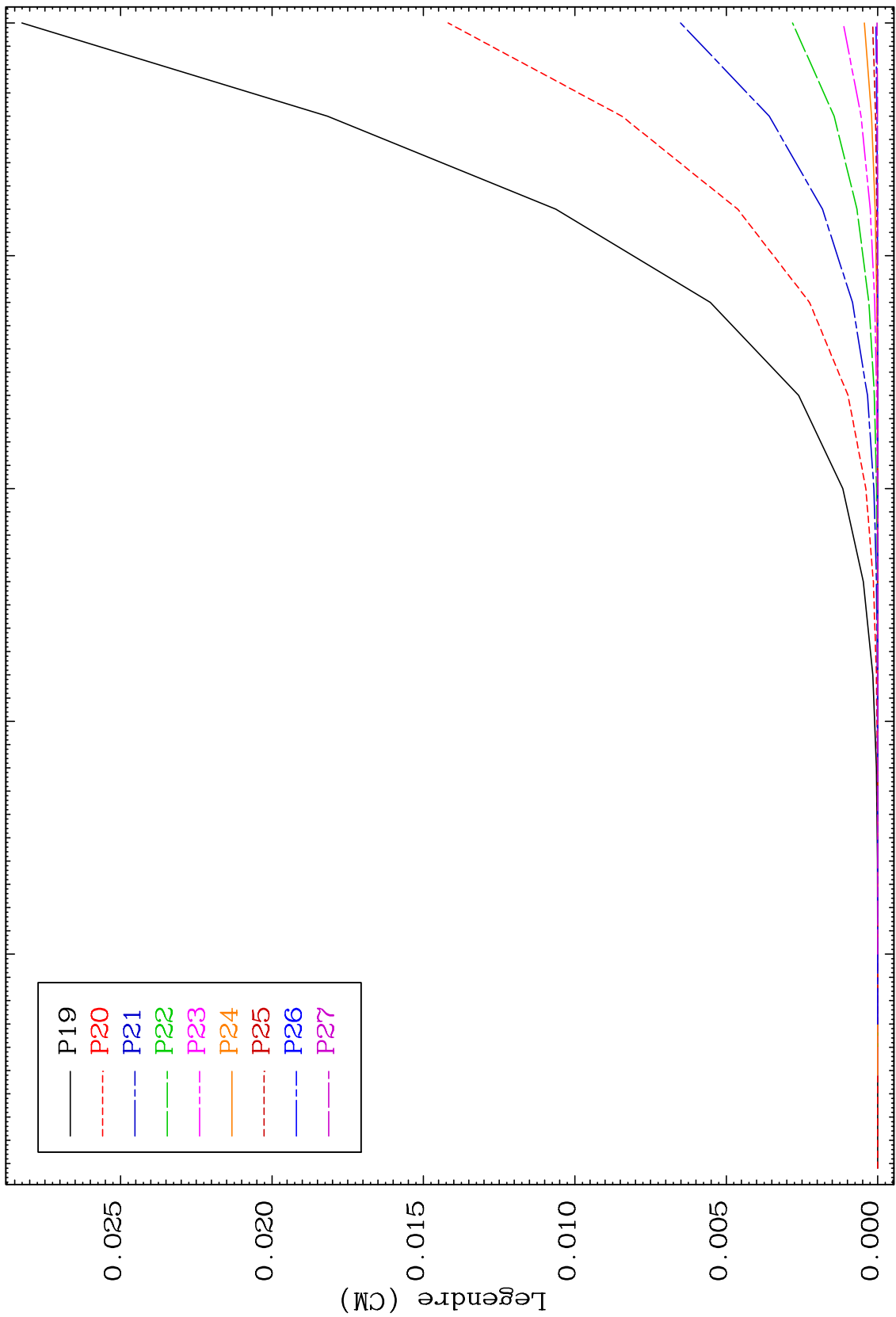
Incident Energy (MeV)

⁷⁹Au-184

MAT 7886

Elastic Legendre Coefficients

79-Au-184



18

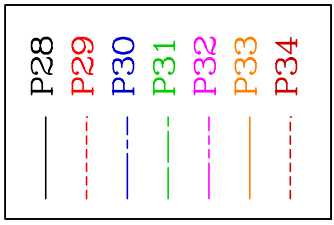
Incident Energy (MeV)

79-Au-184

MAT 7886

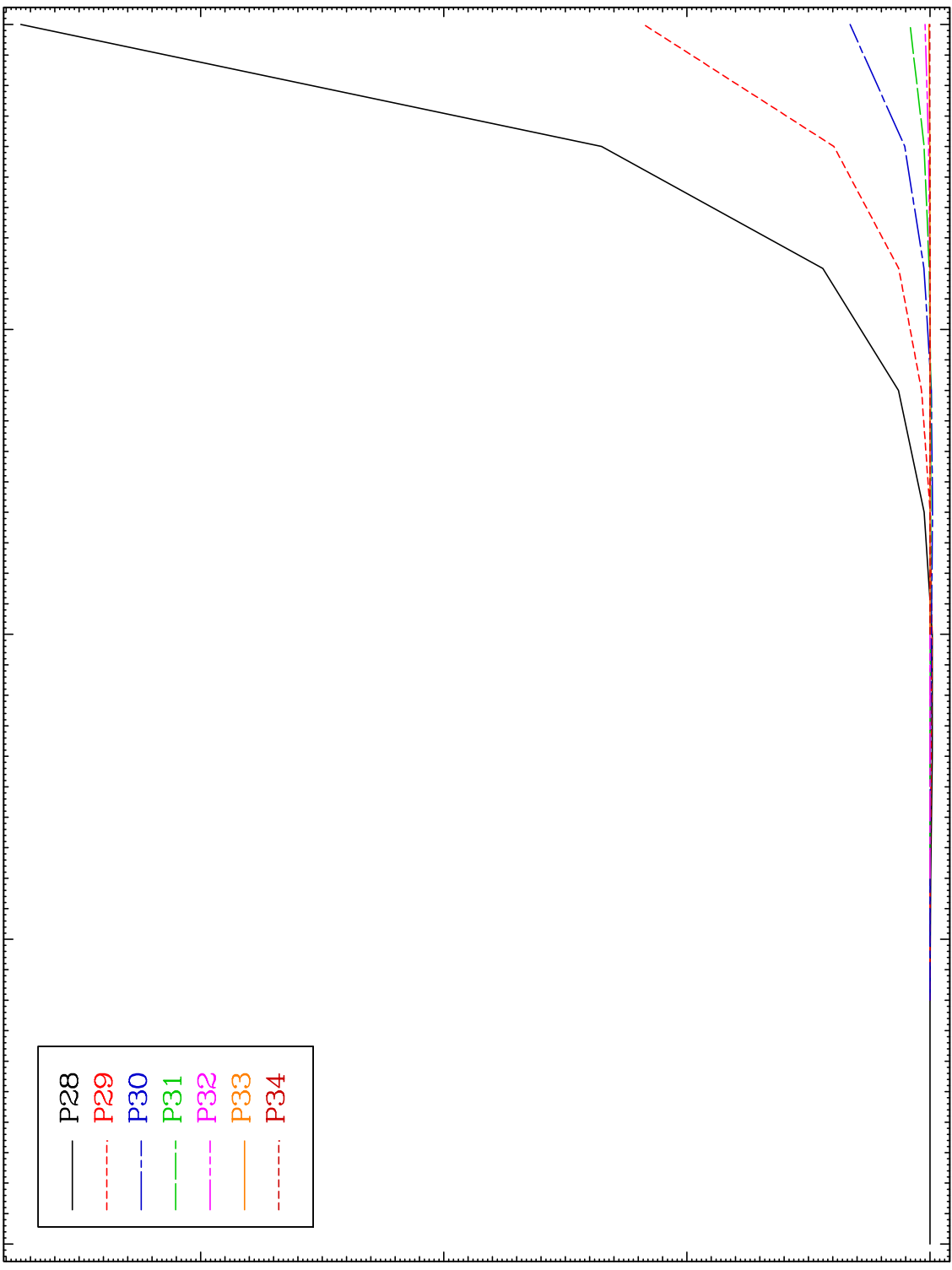
Elastic Legendre Coefficients

79-Au-184



$\times 10^{-6}$

Legendre (CM)



10

15

20

25

30

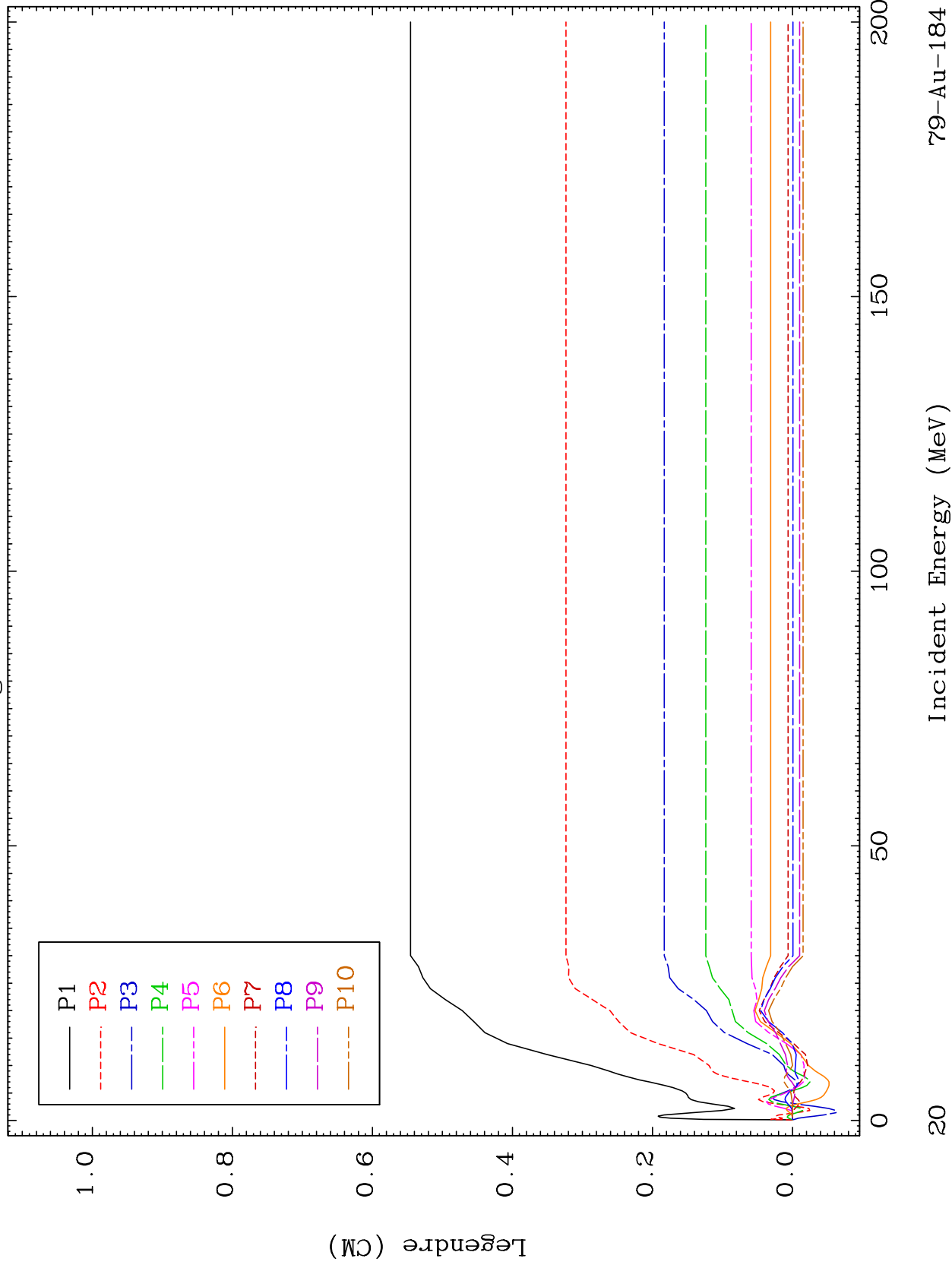
Incident Energy (MeV)

79-Au-184

MAT 7886

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

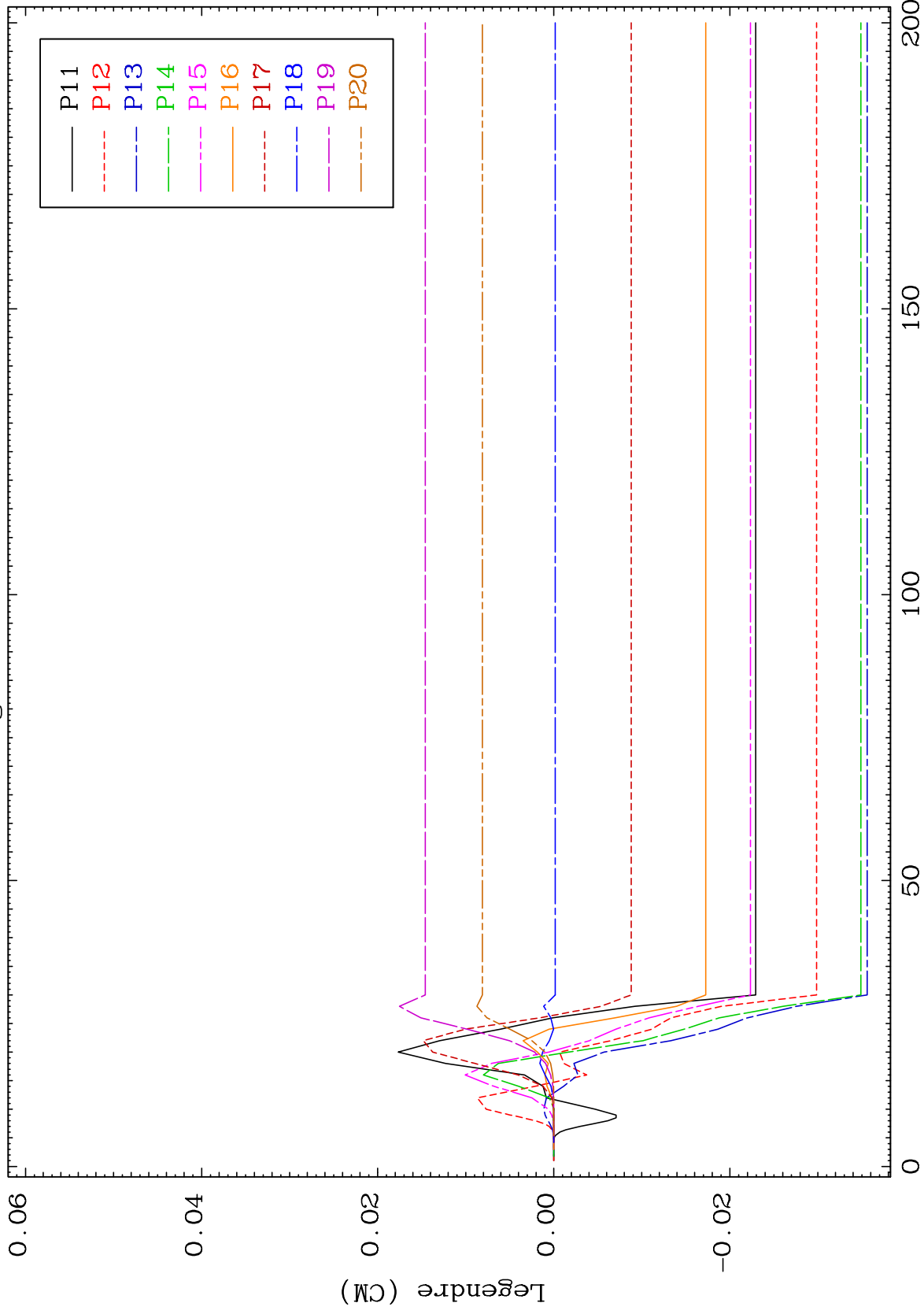
79-Au-184



MAT 7886

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

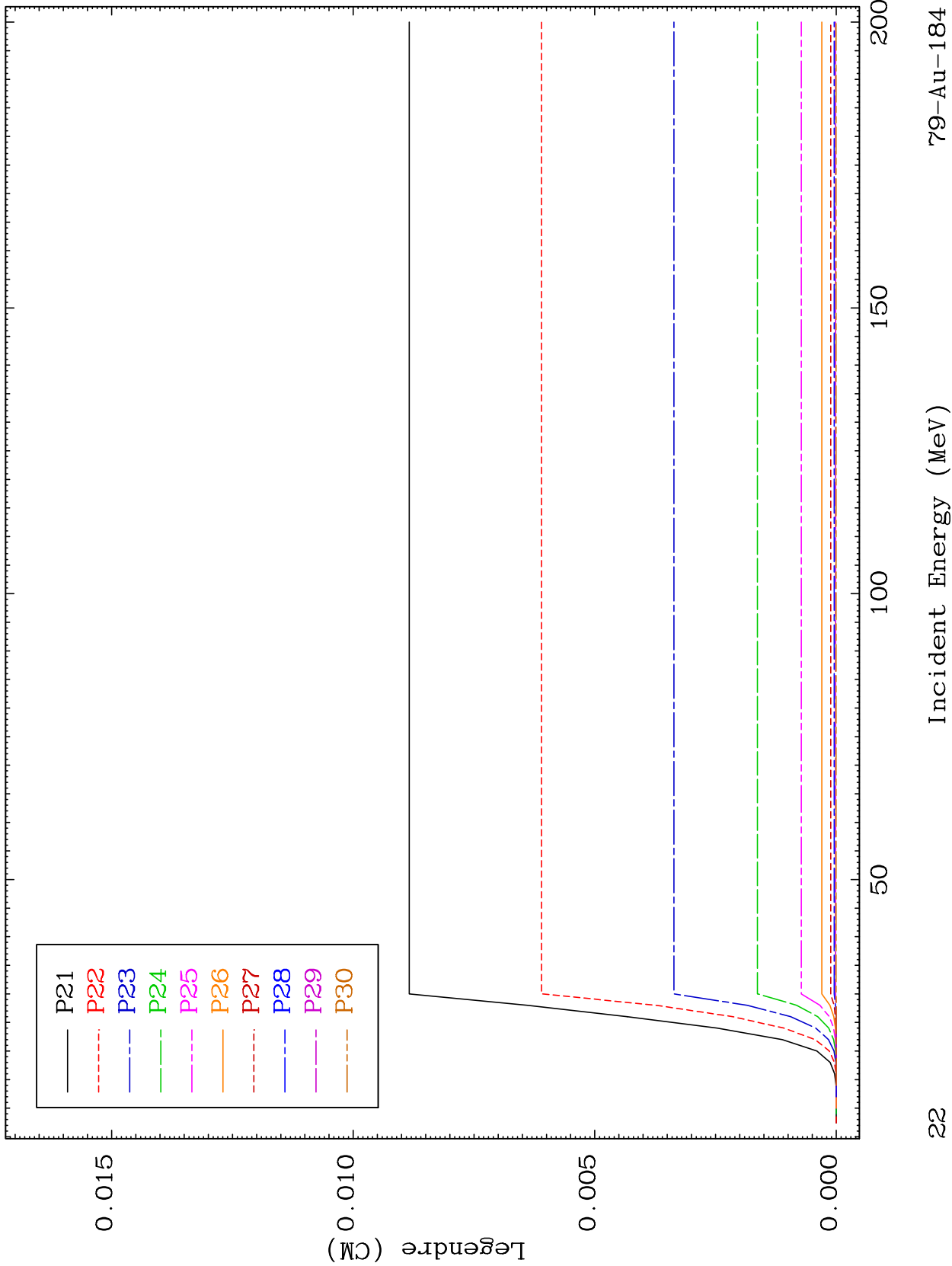
79-Au-184



21

Incident Energy (MeV)

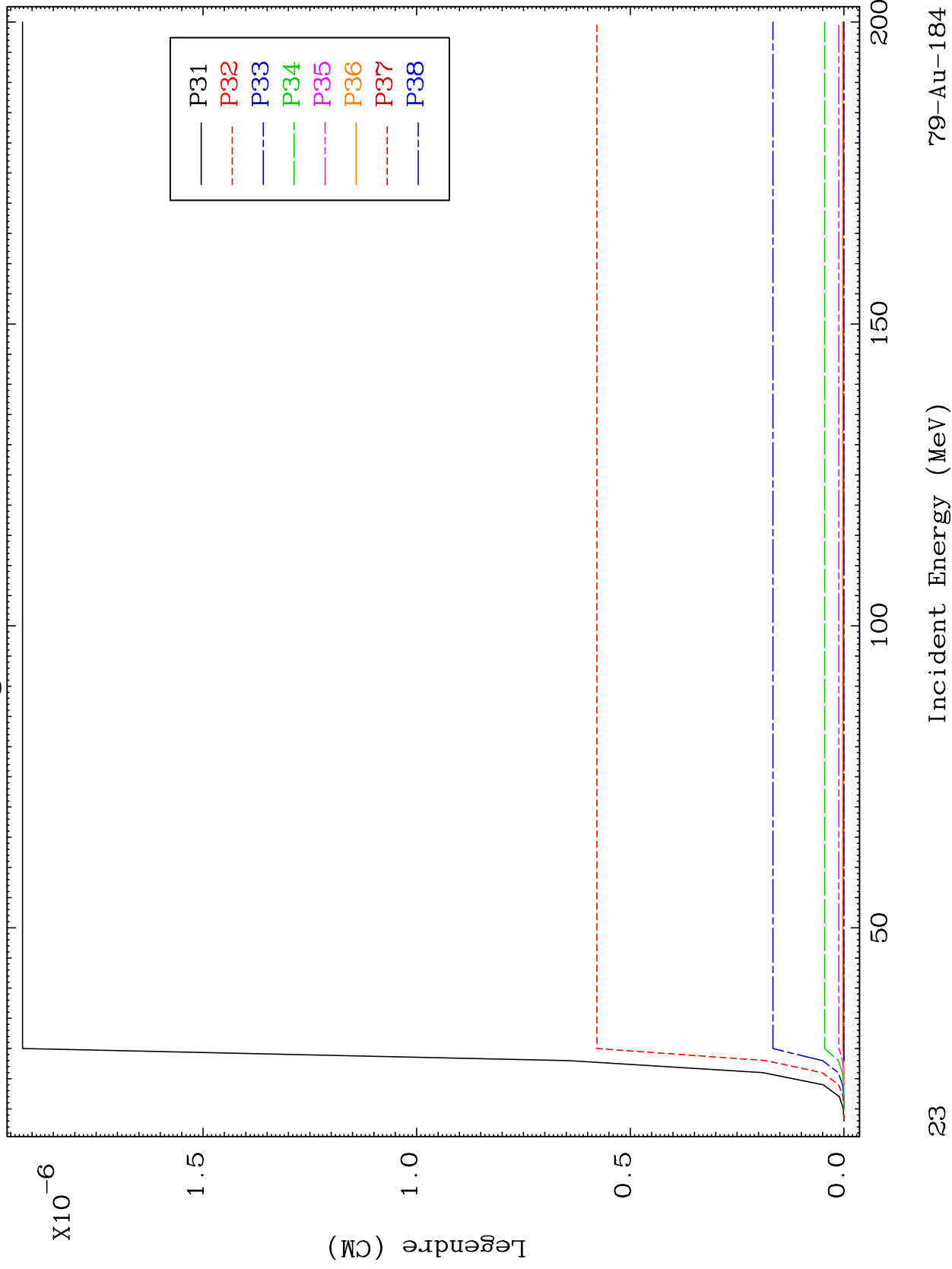
79-Au-184



MAT 7886

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

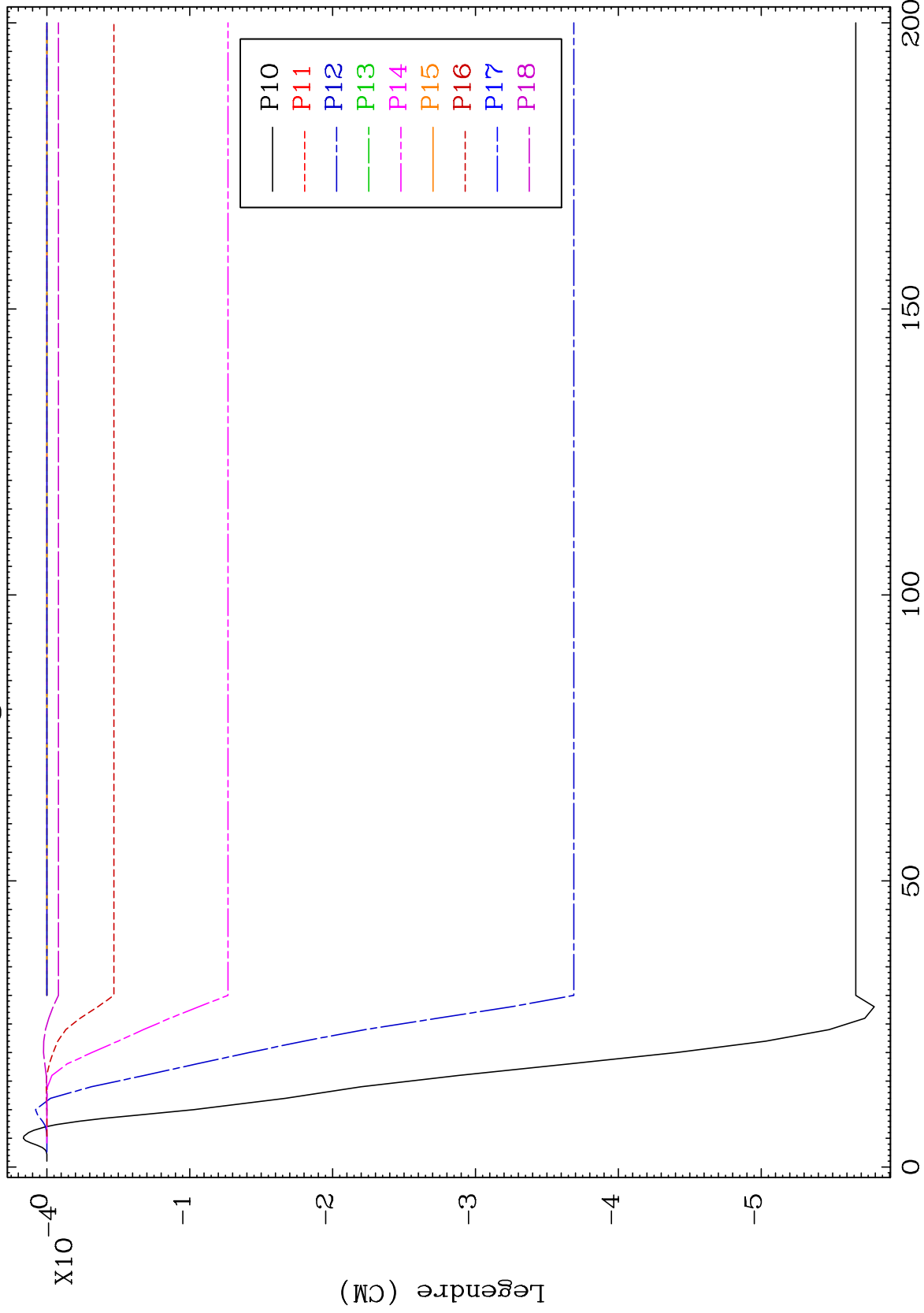
79-Au-184



MAT 7886

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

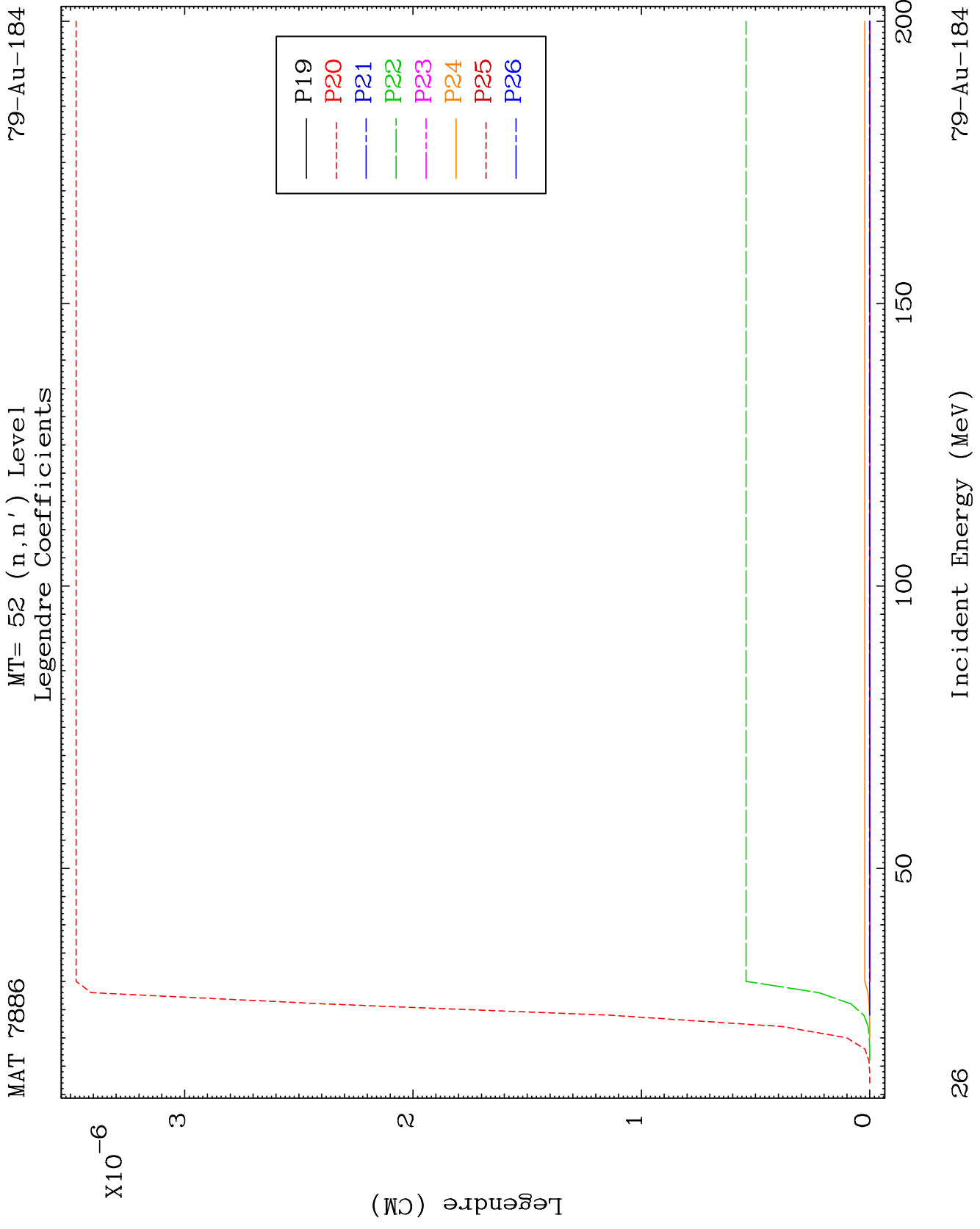
79-Au-184



25

Incident Energy (MeV)

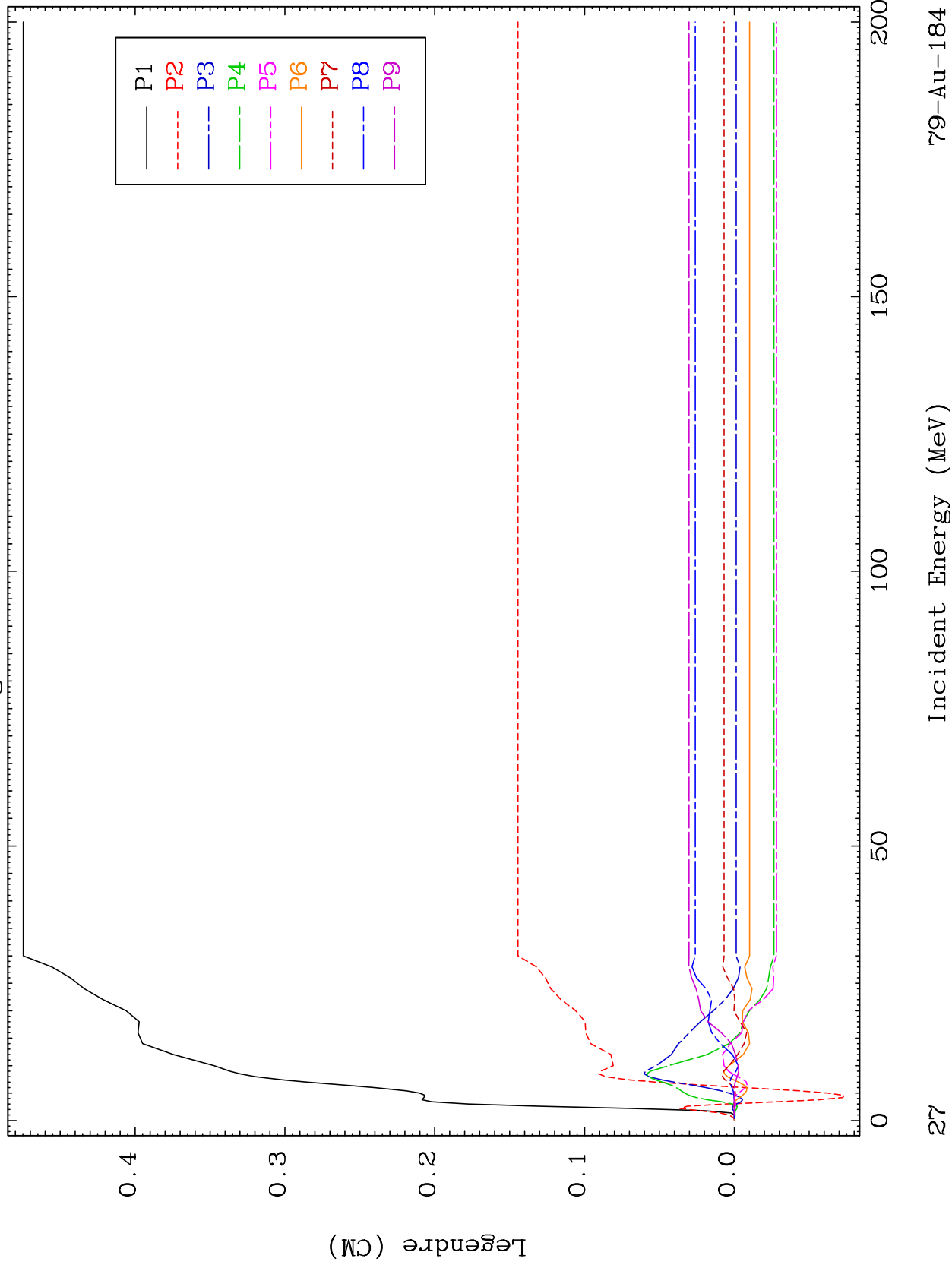
79-Au-184



MAT 7886

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

79-Au-184



79-Au-184

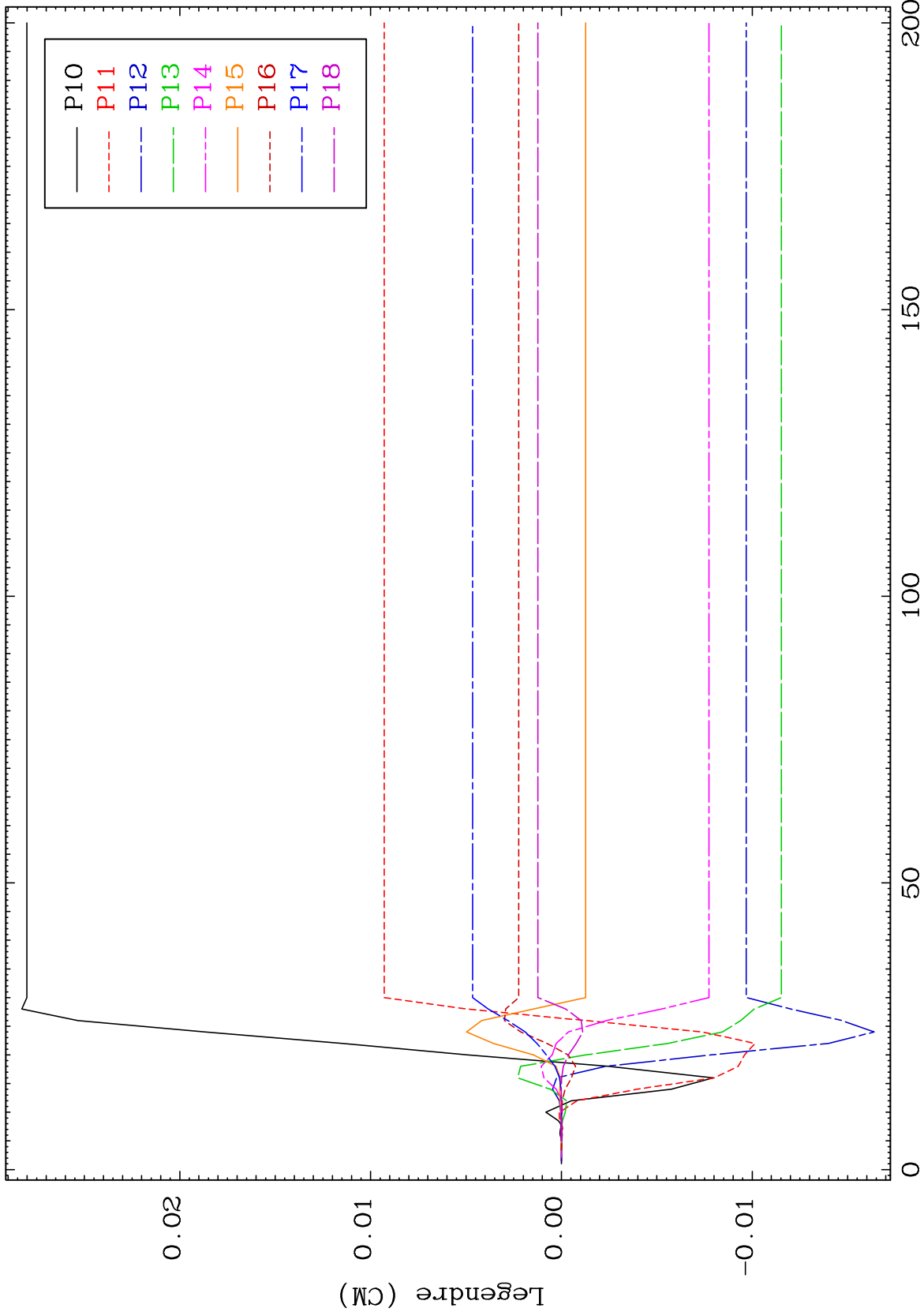
Incident Energy (MeV)

27

MAT 7886

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

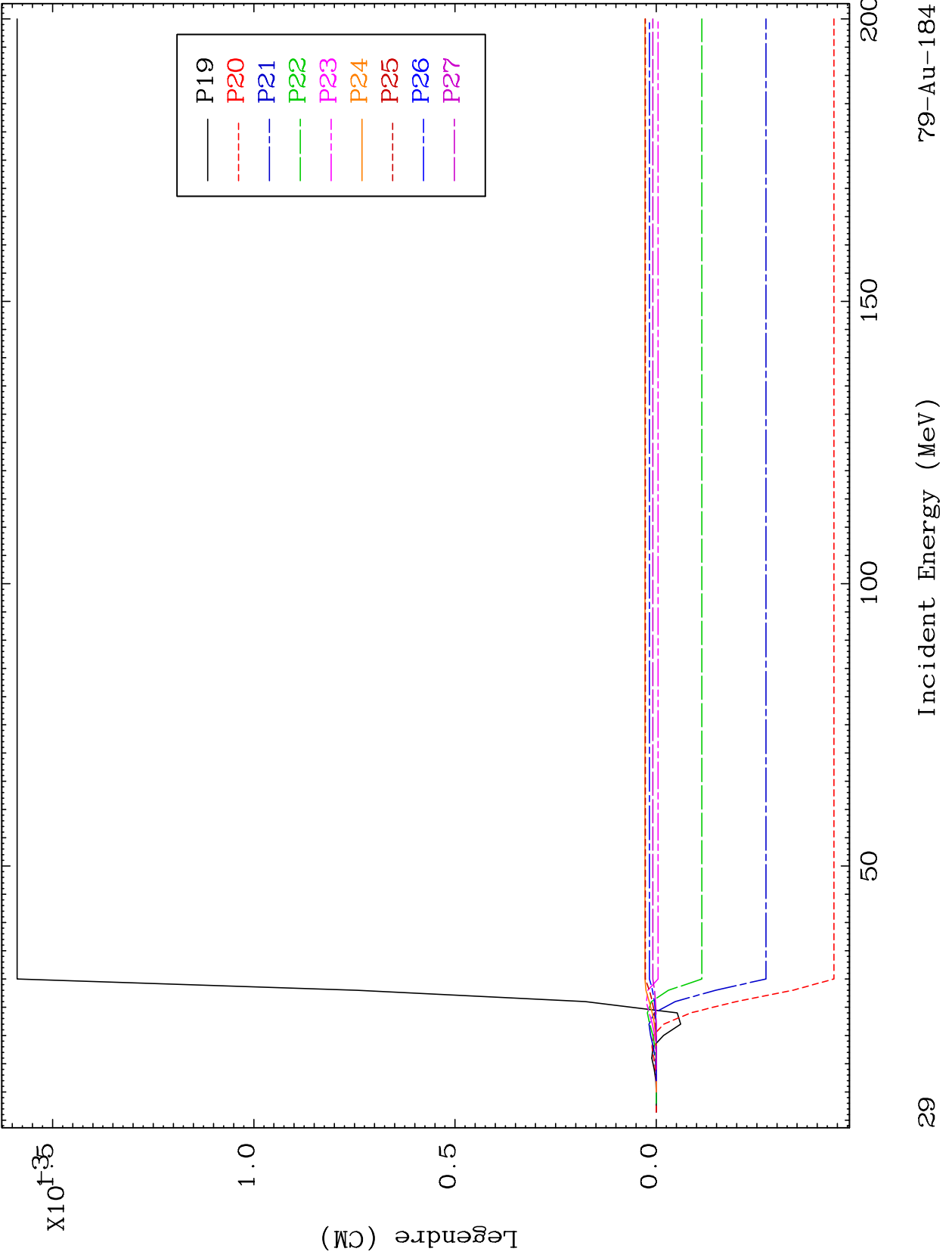
79-Au-184



28

Incident Energy (MeV)

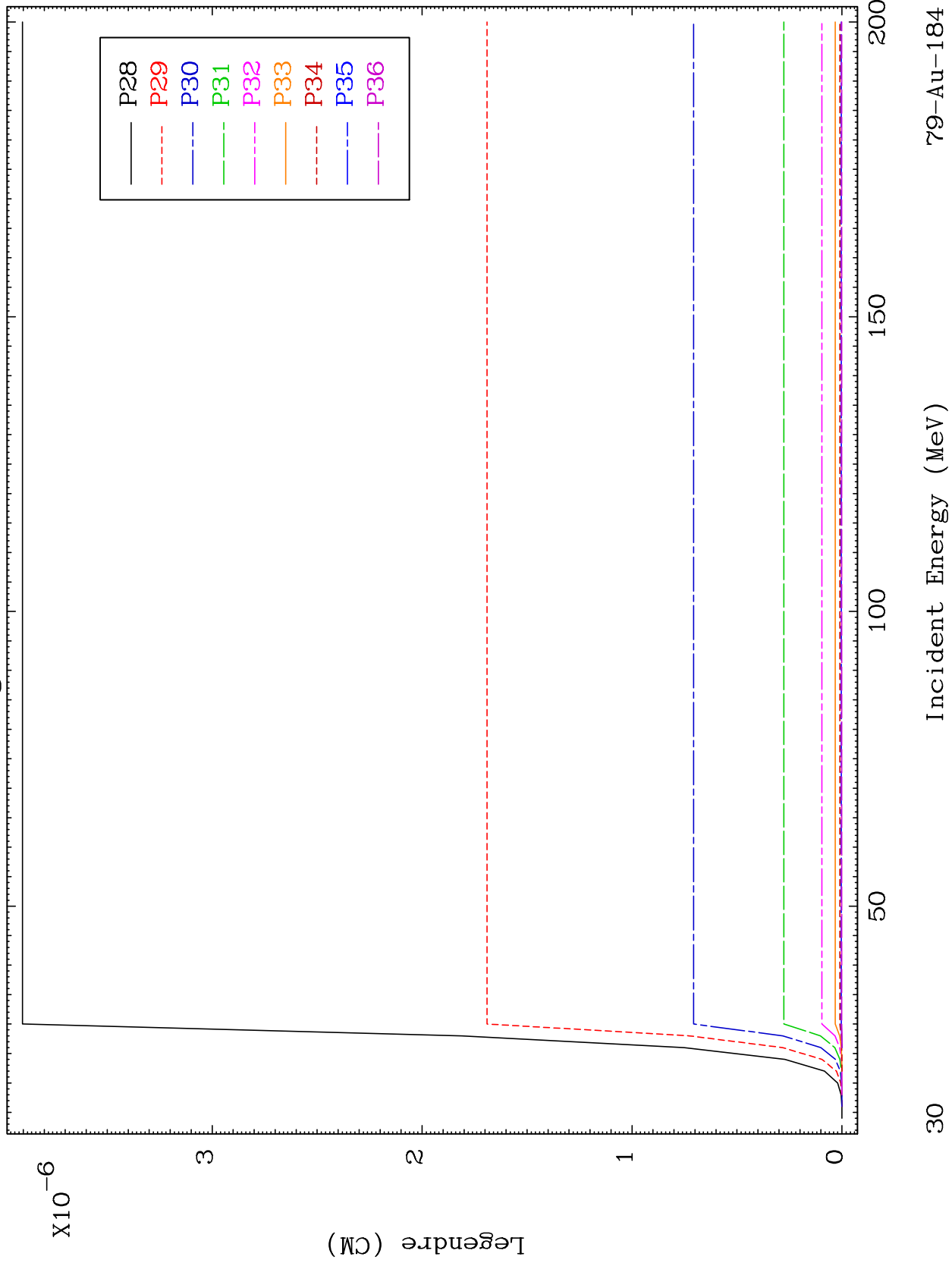
79-Au-184



MAT 7886

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

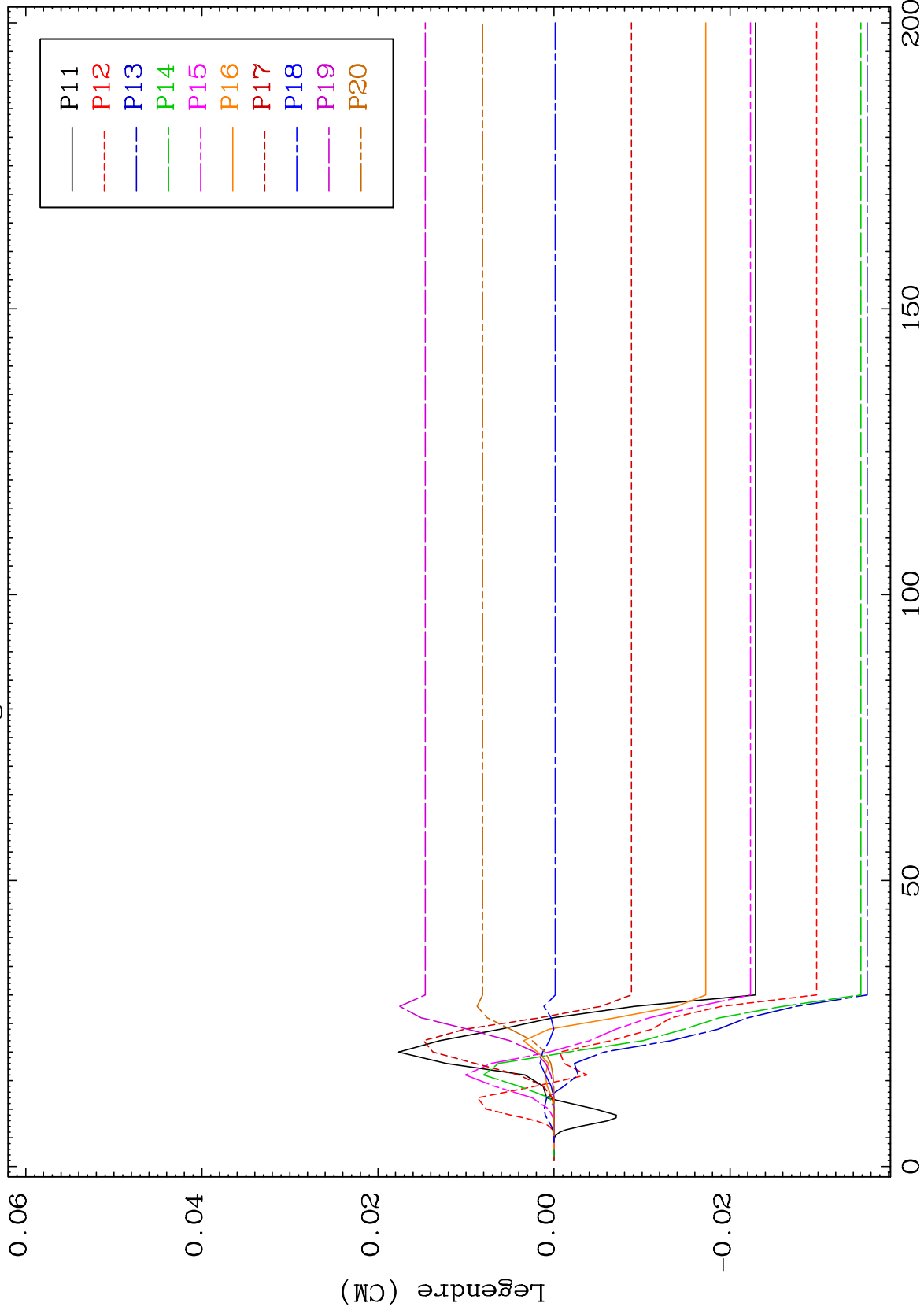
79-Au-184



MAT 7886

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

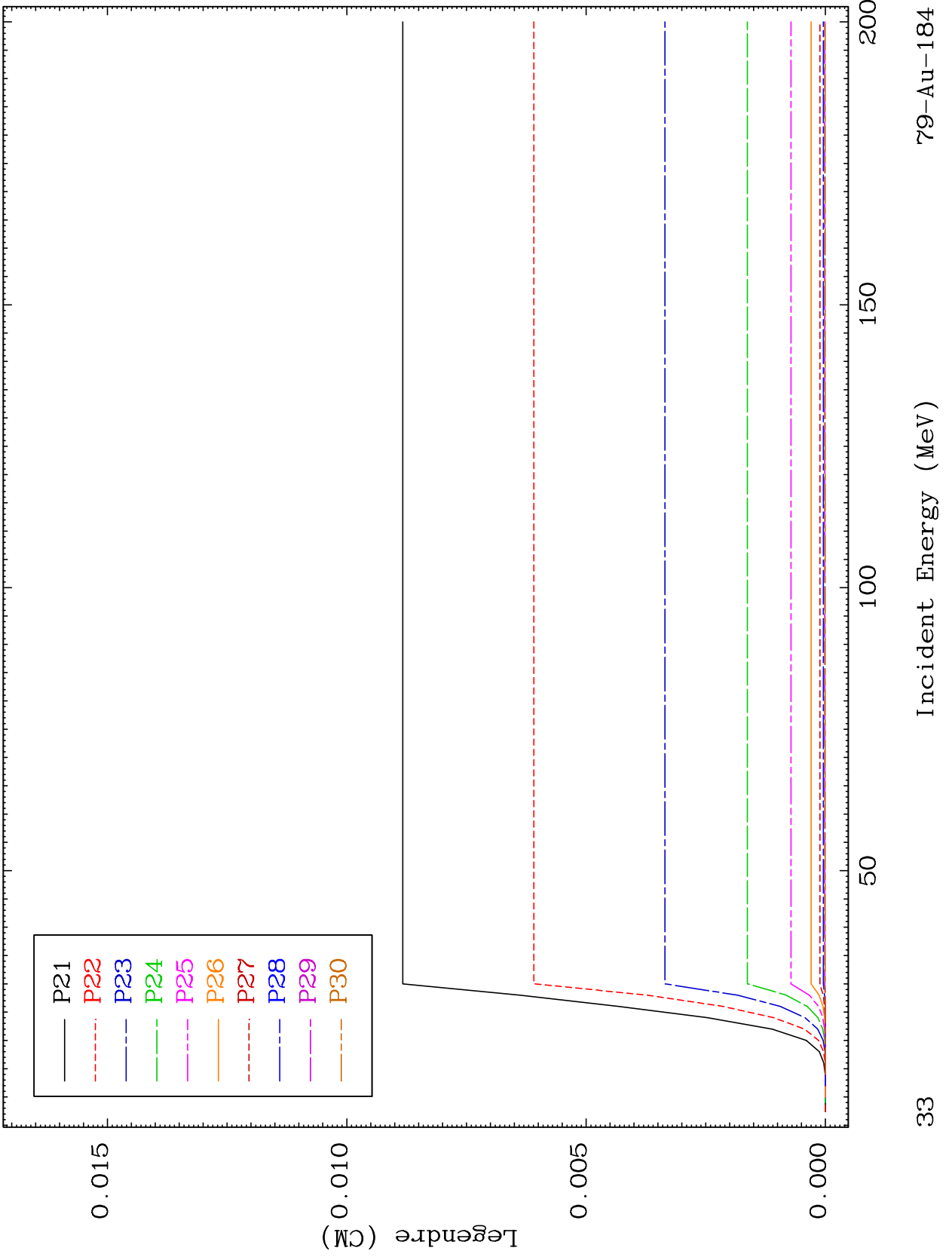
79-Au-184



32

Incident Energy (MeV)

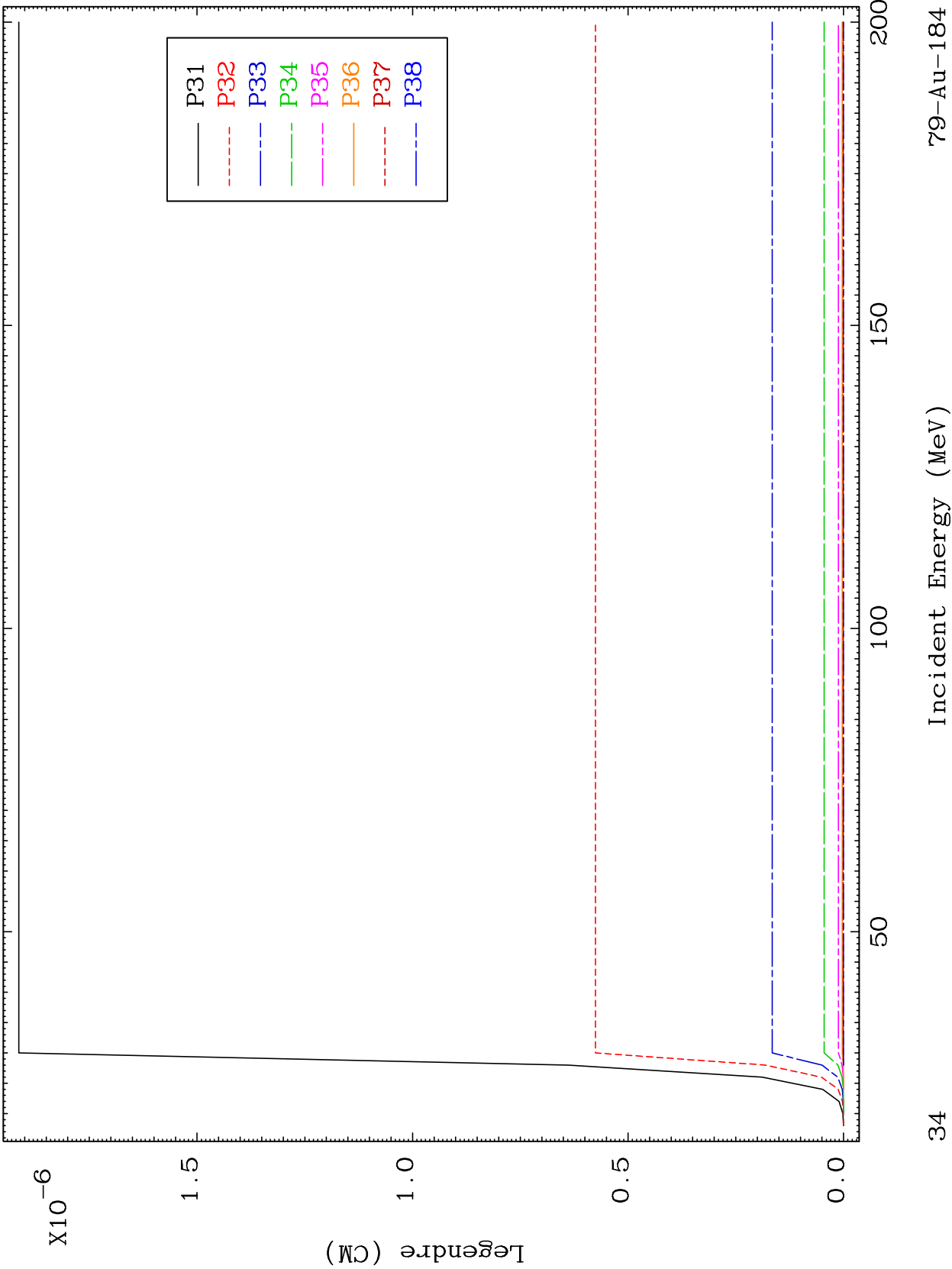
79-Au-184



MAT 7886

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

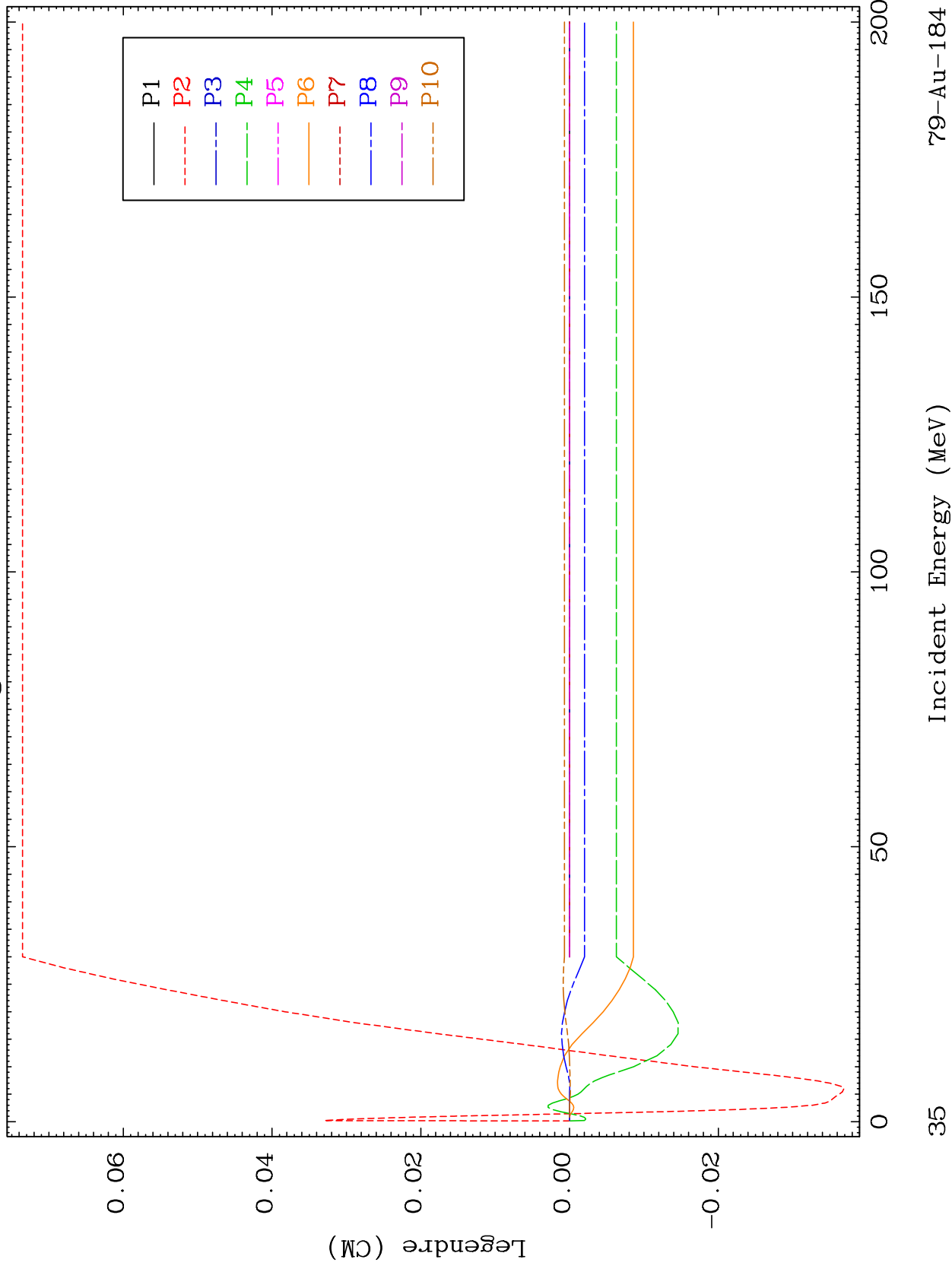
79-Au-184



MAT 7886

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

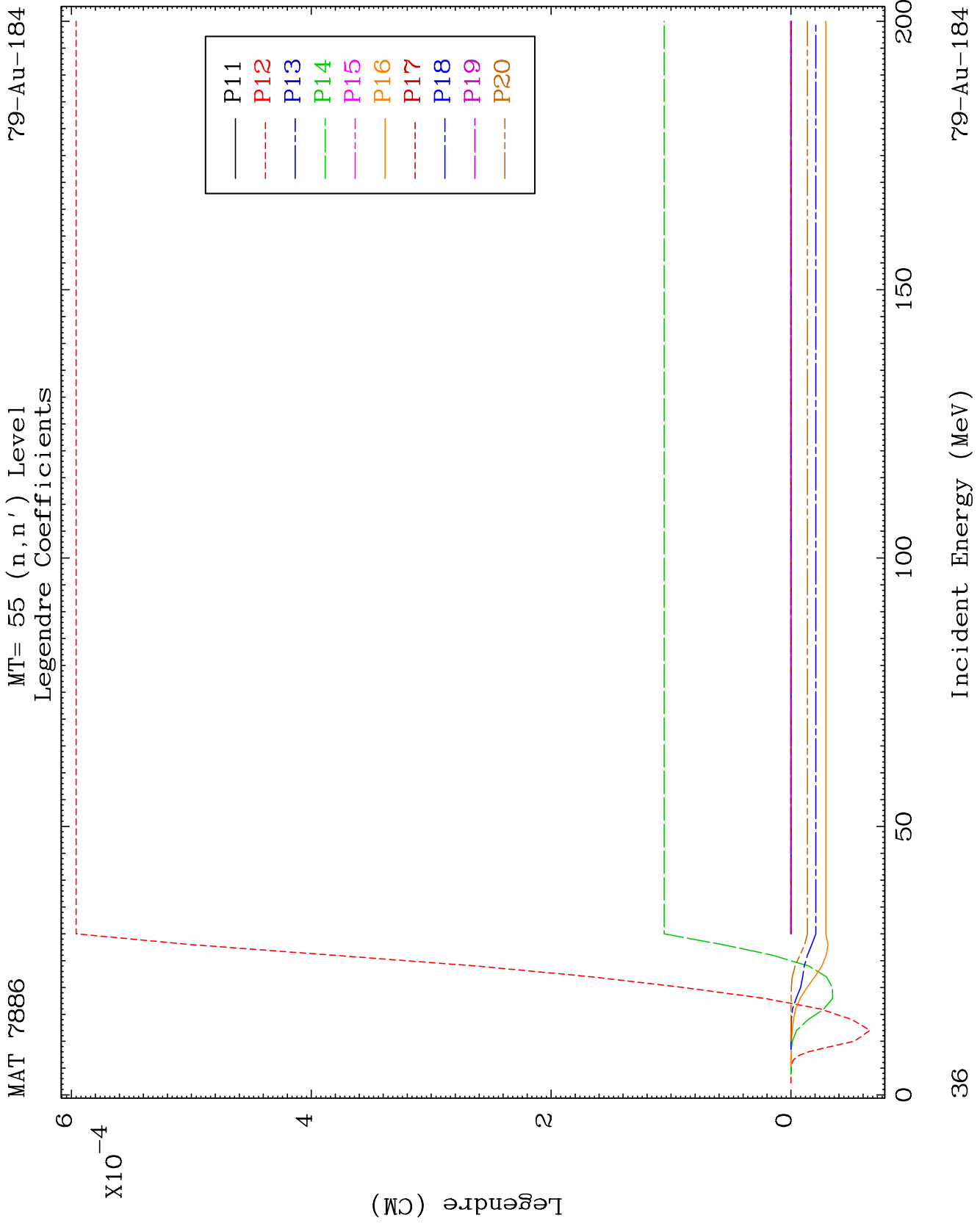
79-Au-184

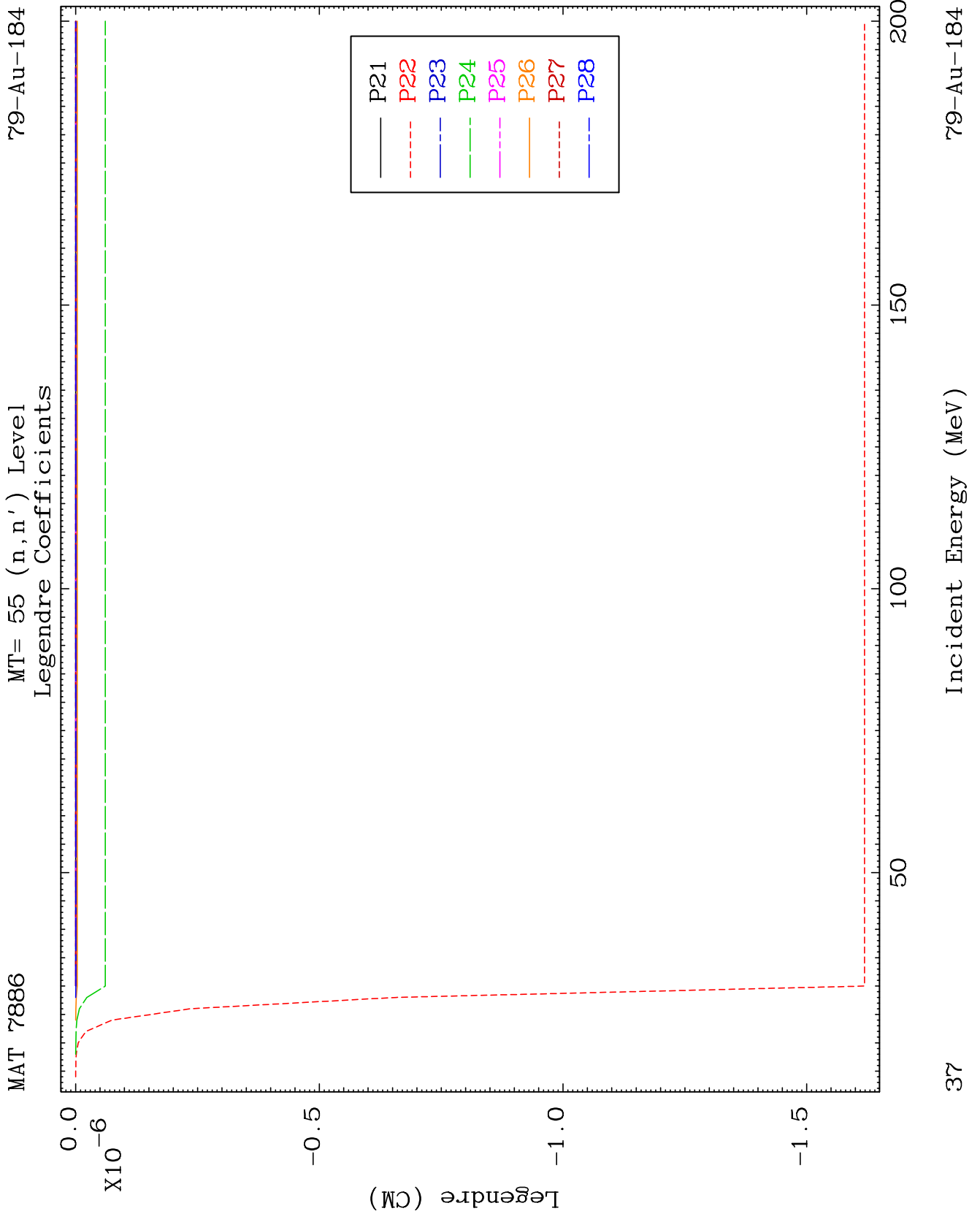


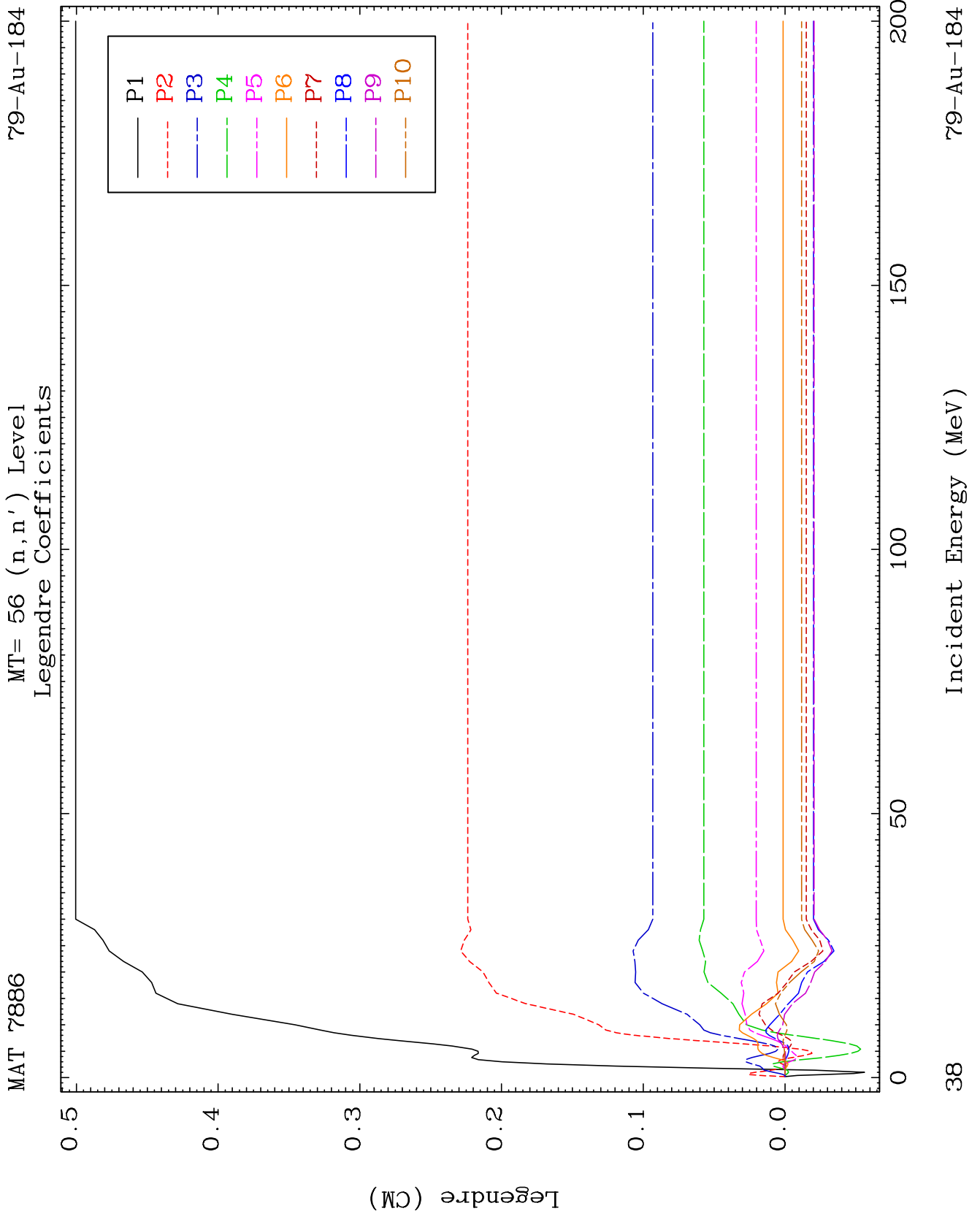
79-Au-184

Incident Energy (MeV)

35



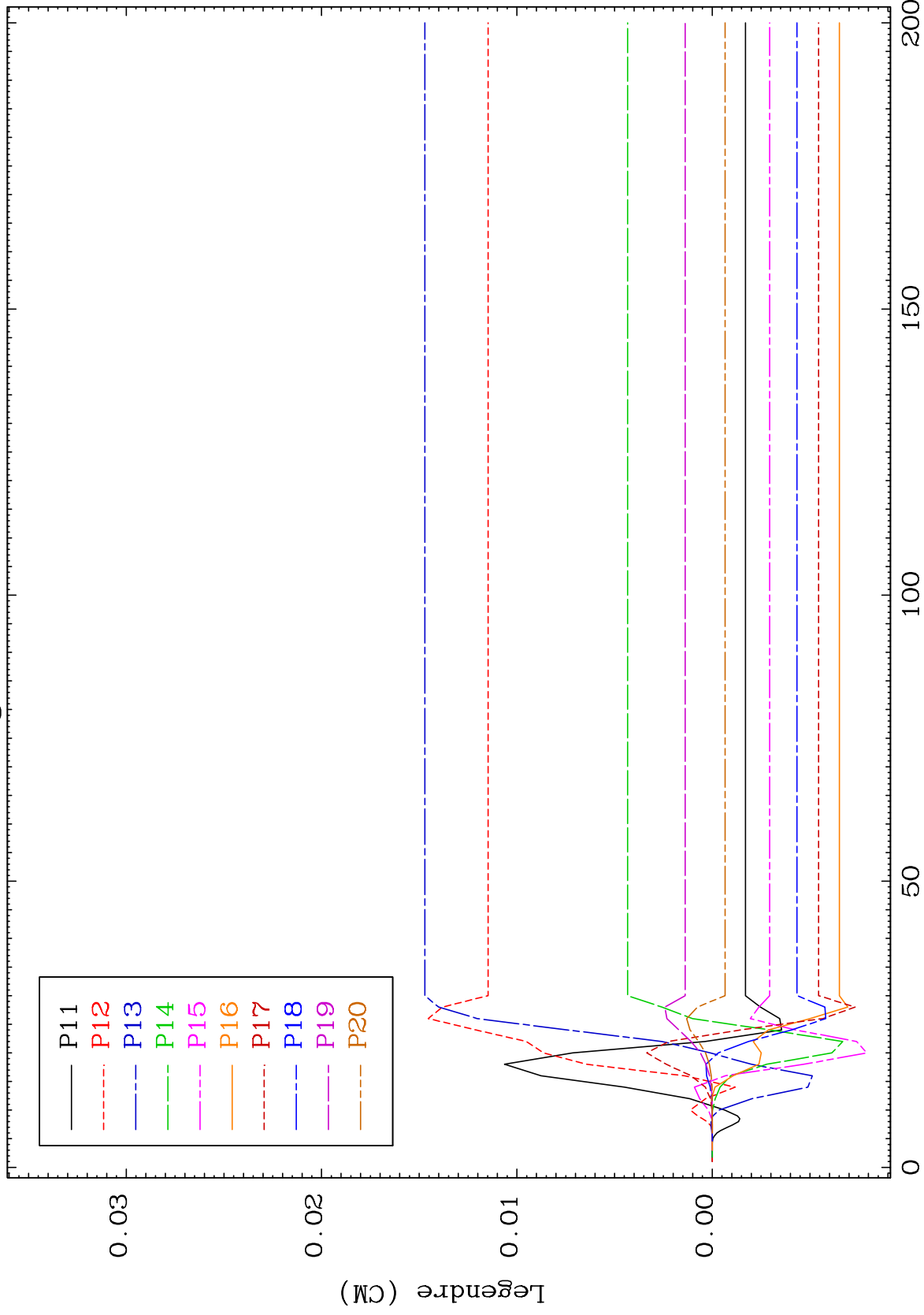




MAT 7886

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

79-Au-184



39

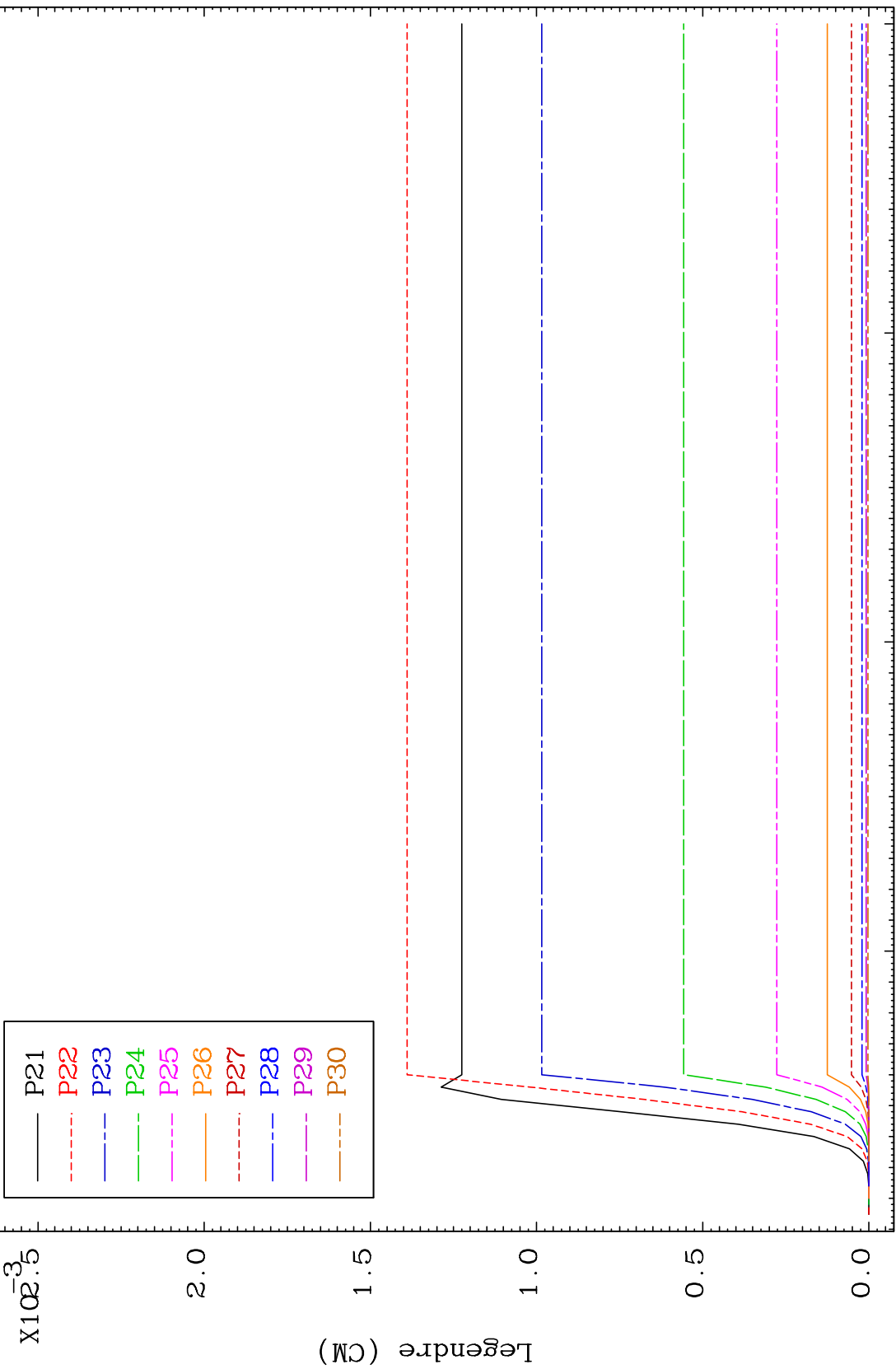
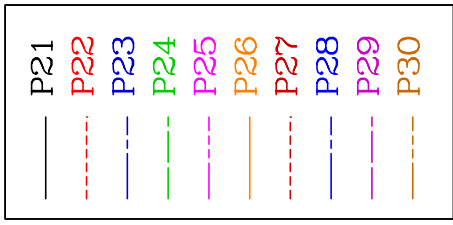
Incident Energy (MeV)

79-Au-184

MAT 7886

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

79-Au-184



40

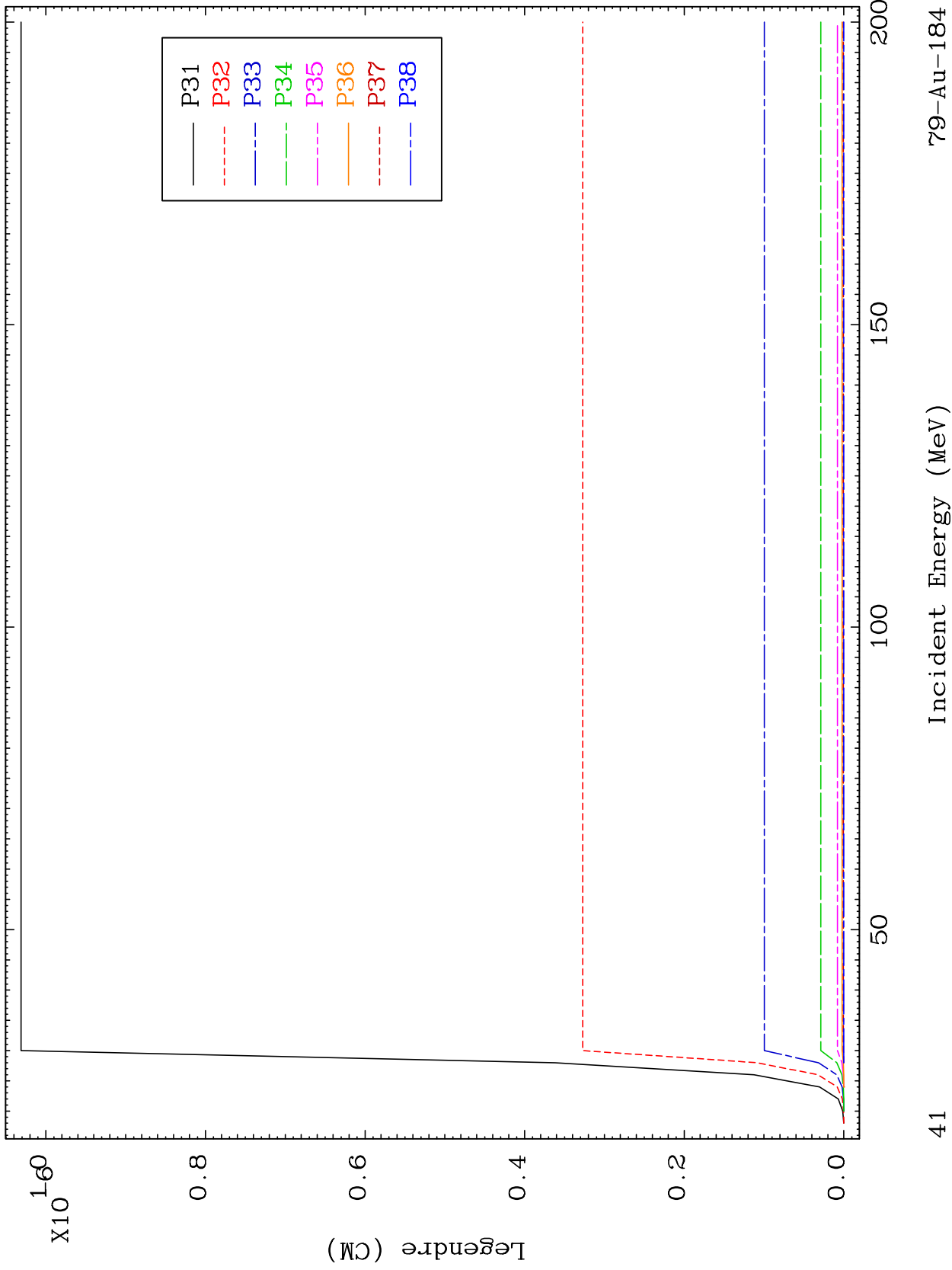
Incident Energy (MeV)

79-Au-184

MAT 7886

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

79-Au-184



41

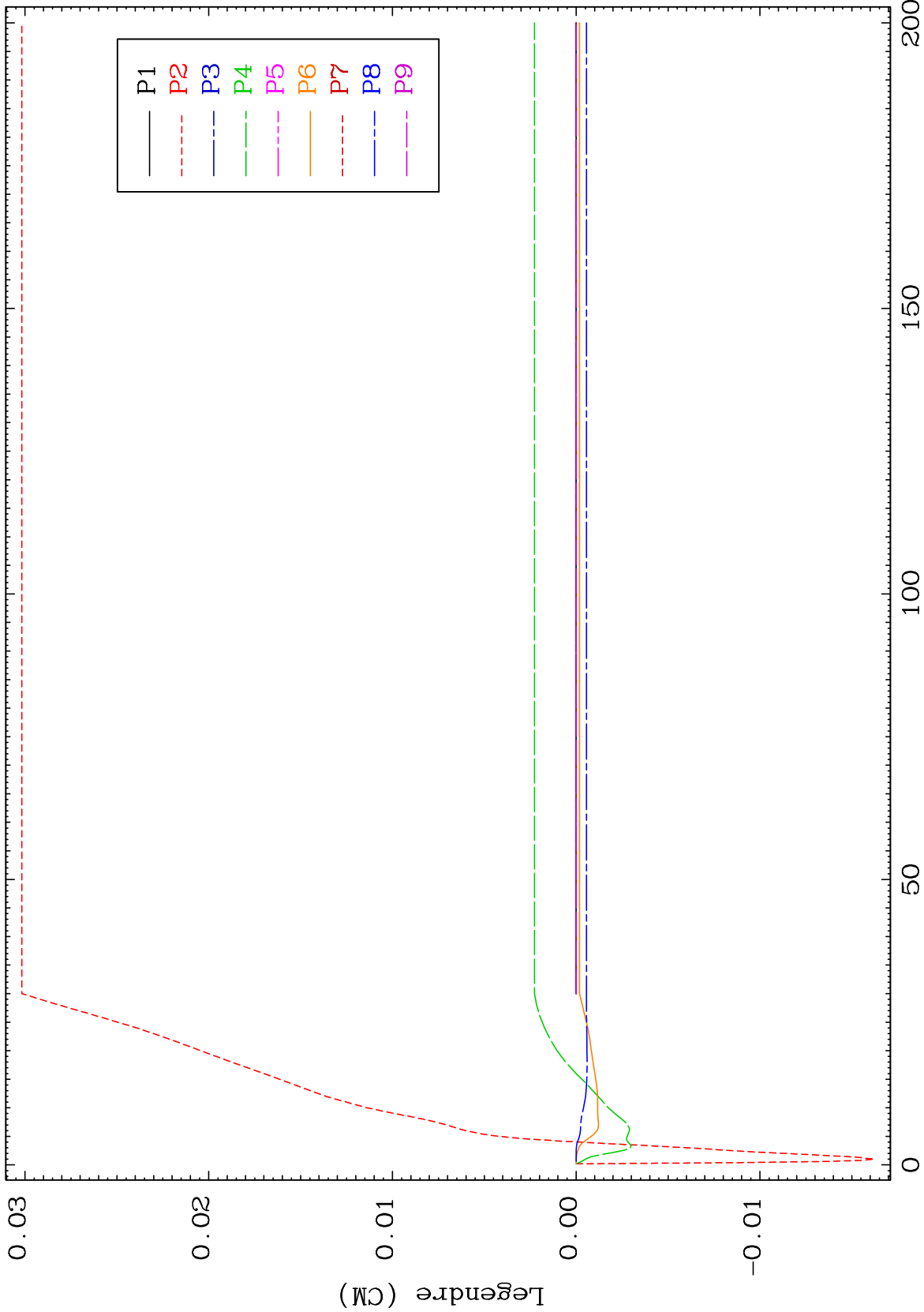
79-Au-184

MAT 7886

MT= 57 (n,n') Level

79-Au-184

Legendre Coefficients



42

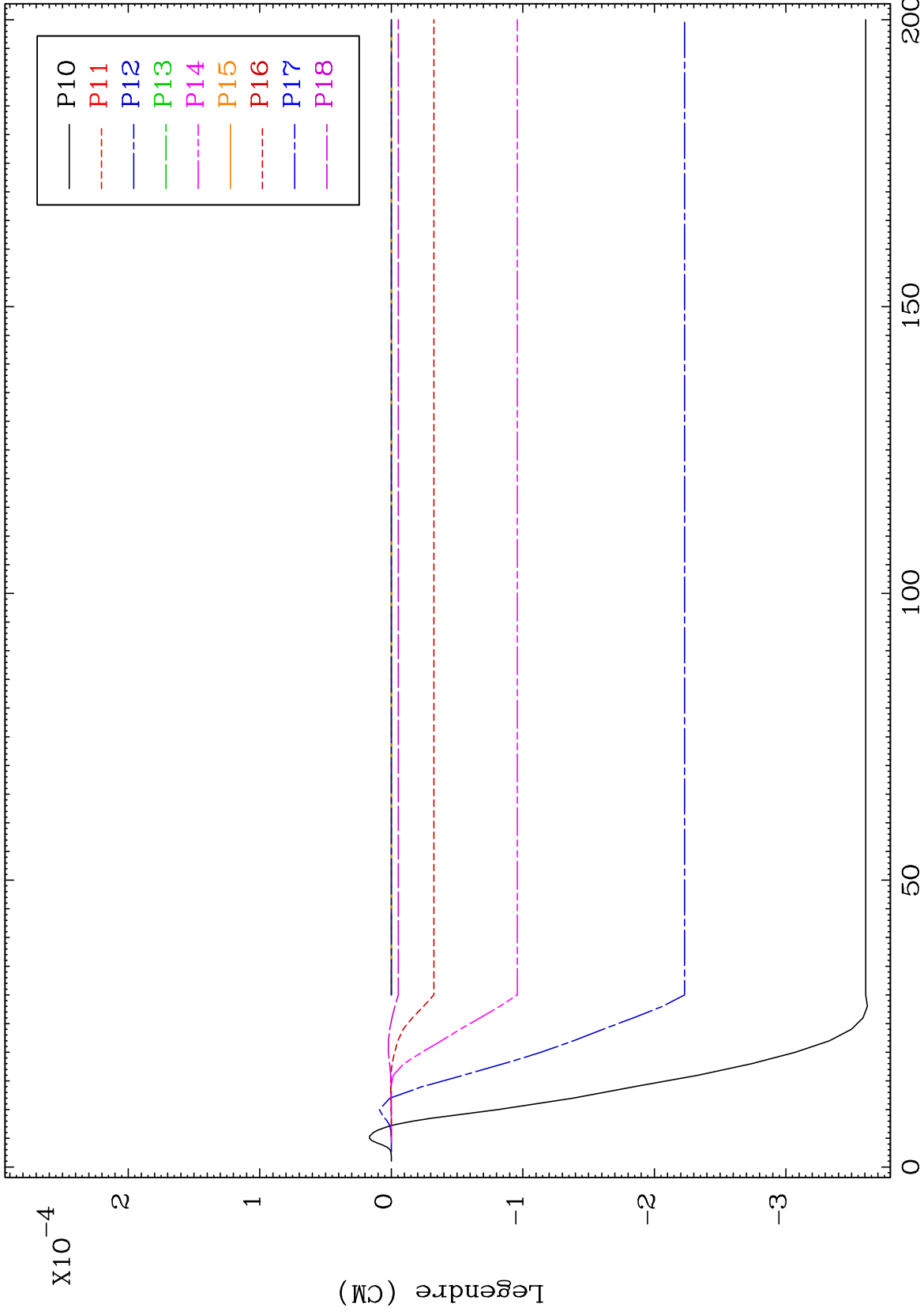
Incident Energy (MeV)

79-Au-184

MAT 7886

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

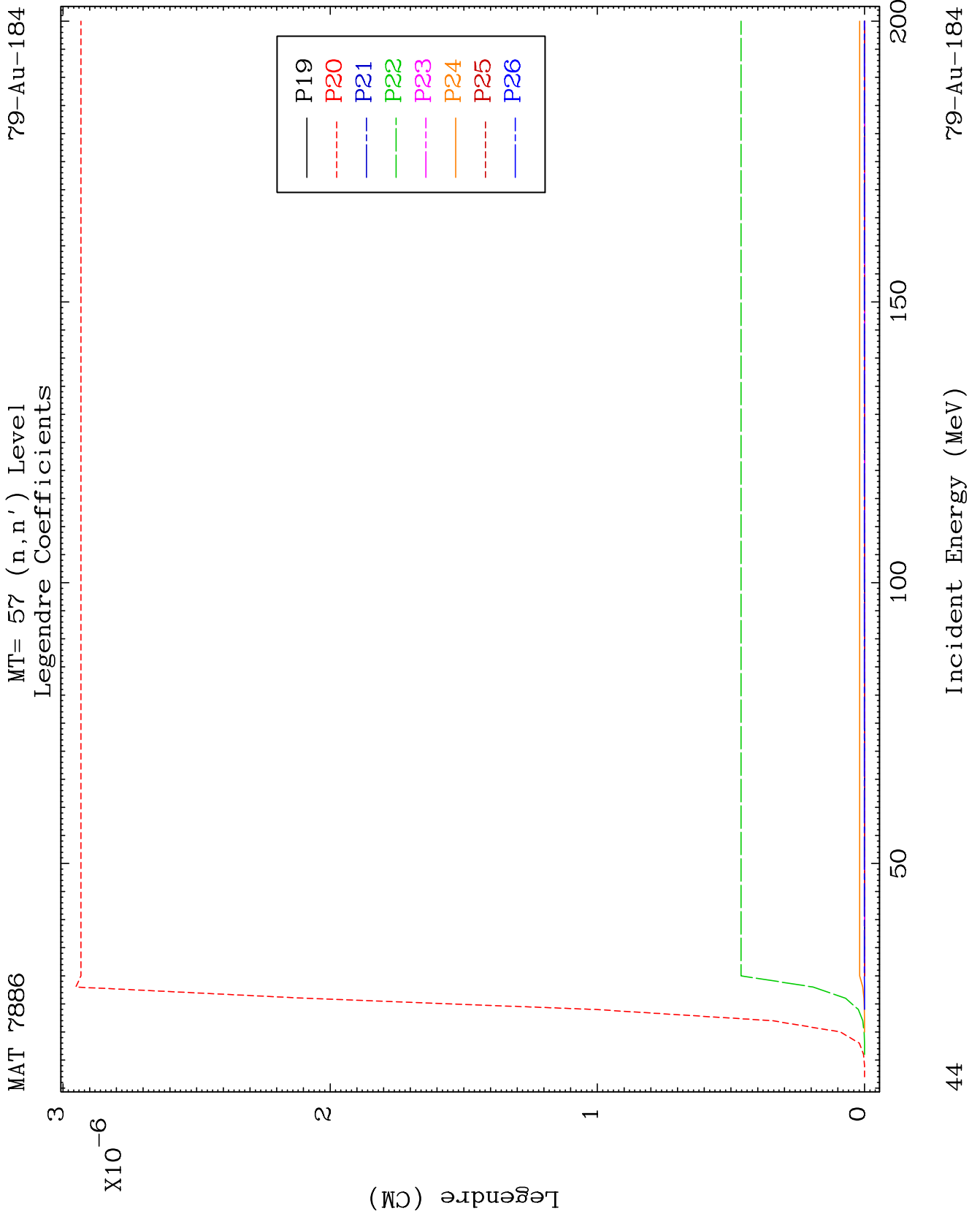
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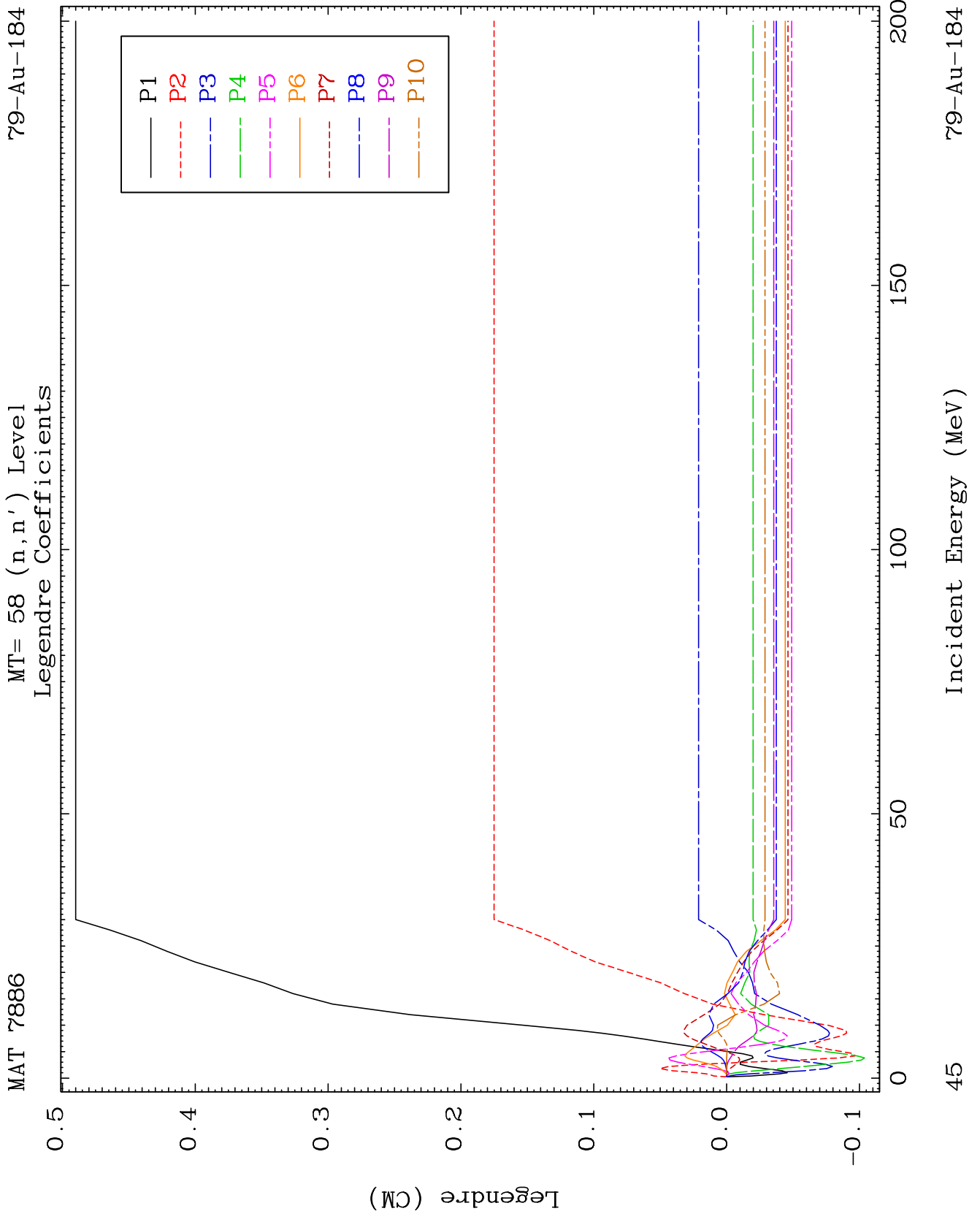


43

Incident Energy (MeV)

79-Au-184

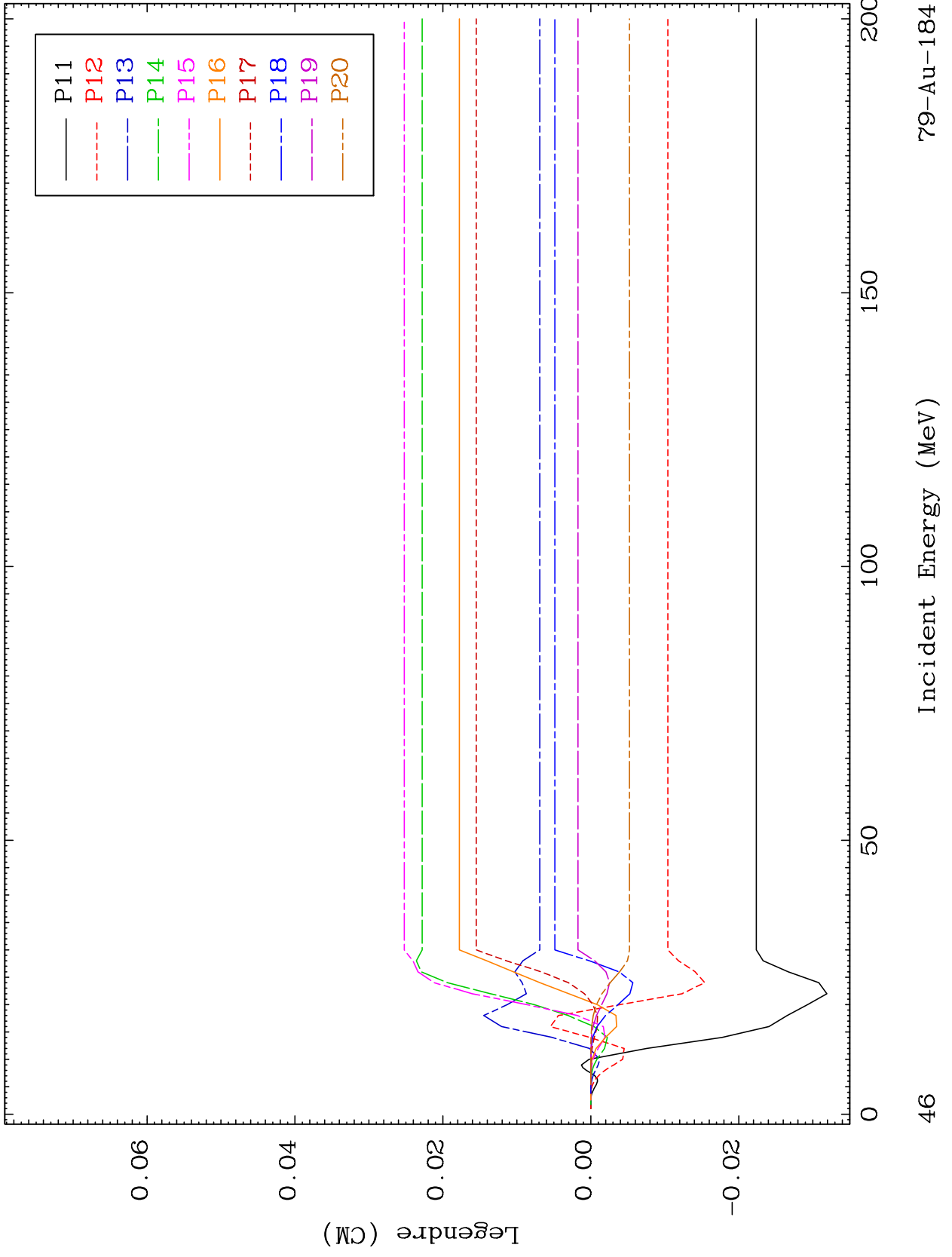




MAT 7886

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

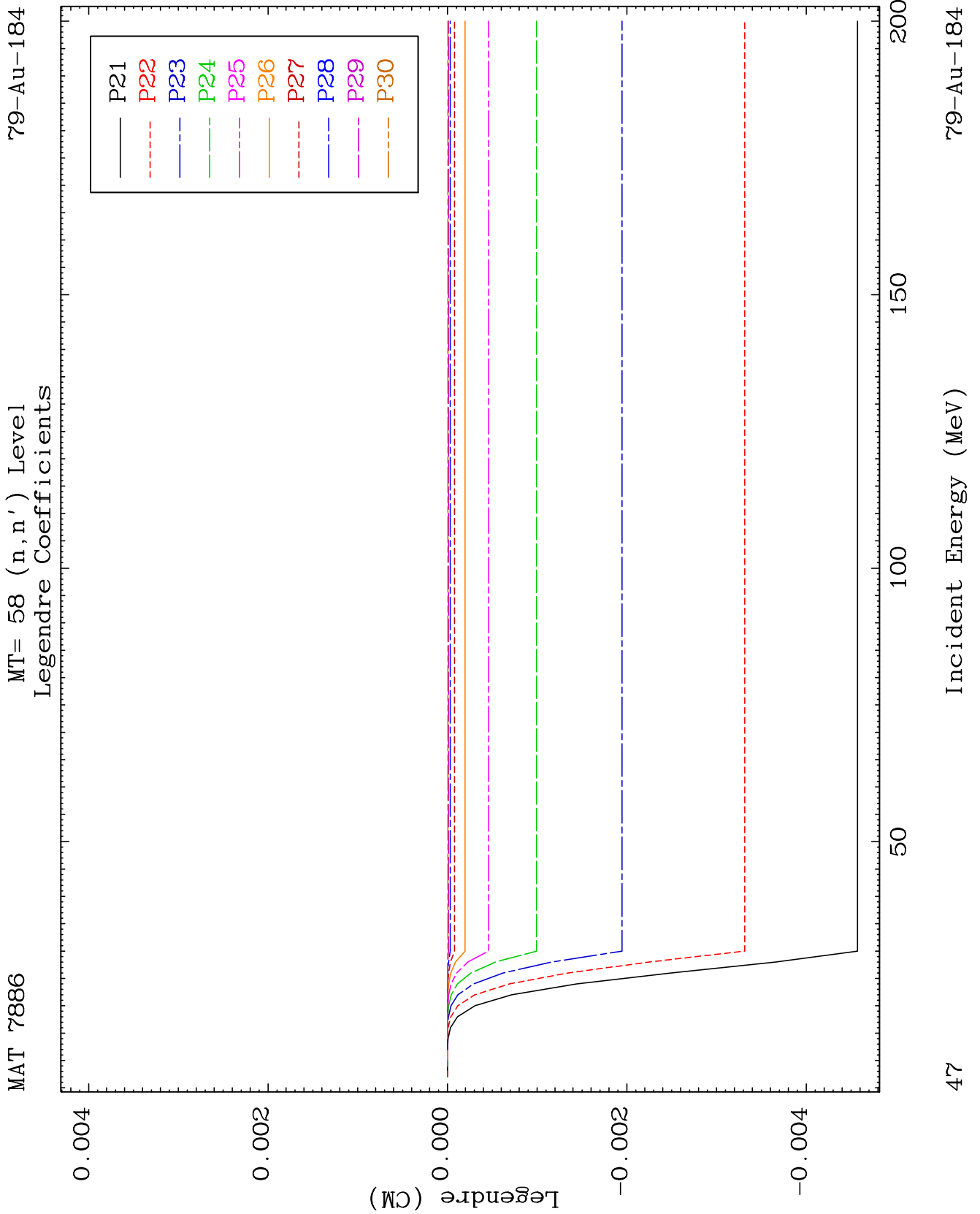
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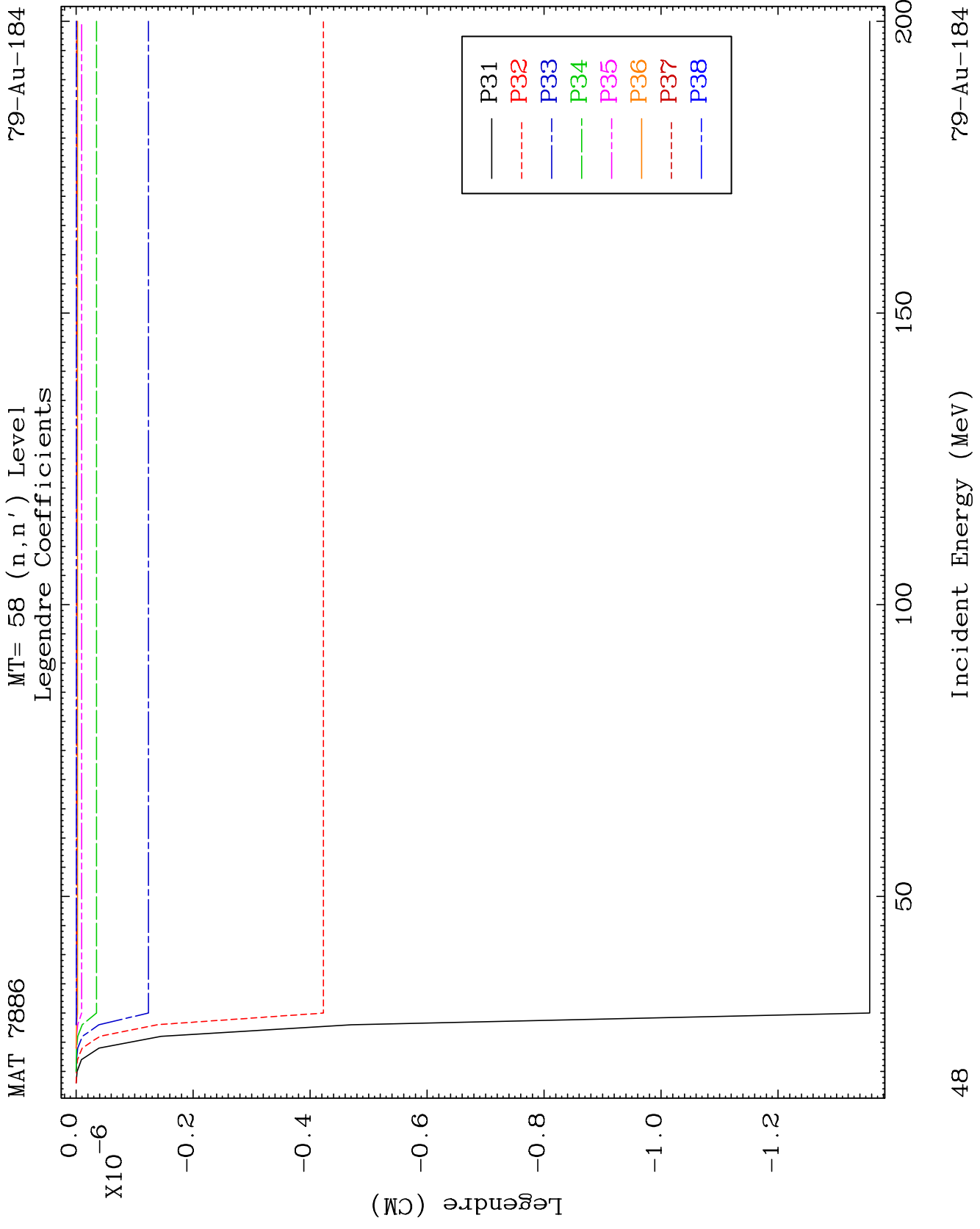


46

Incident Energy (MeV)

79-Au-184

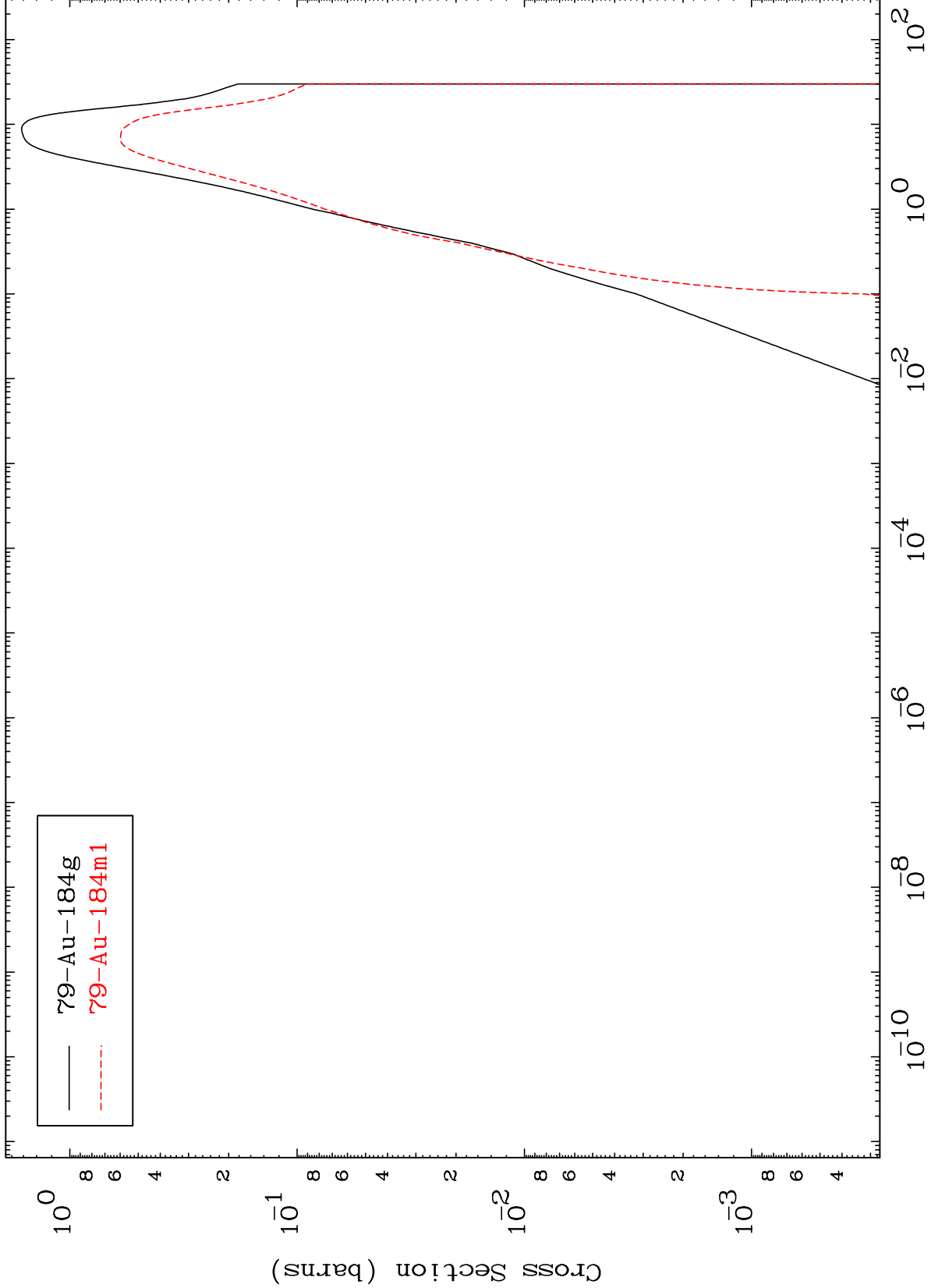




MAT 7886

Inelastic
Radionuclide Production Cross Section

⁷⁹Au-184



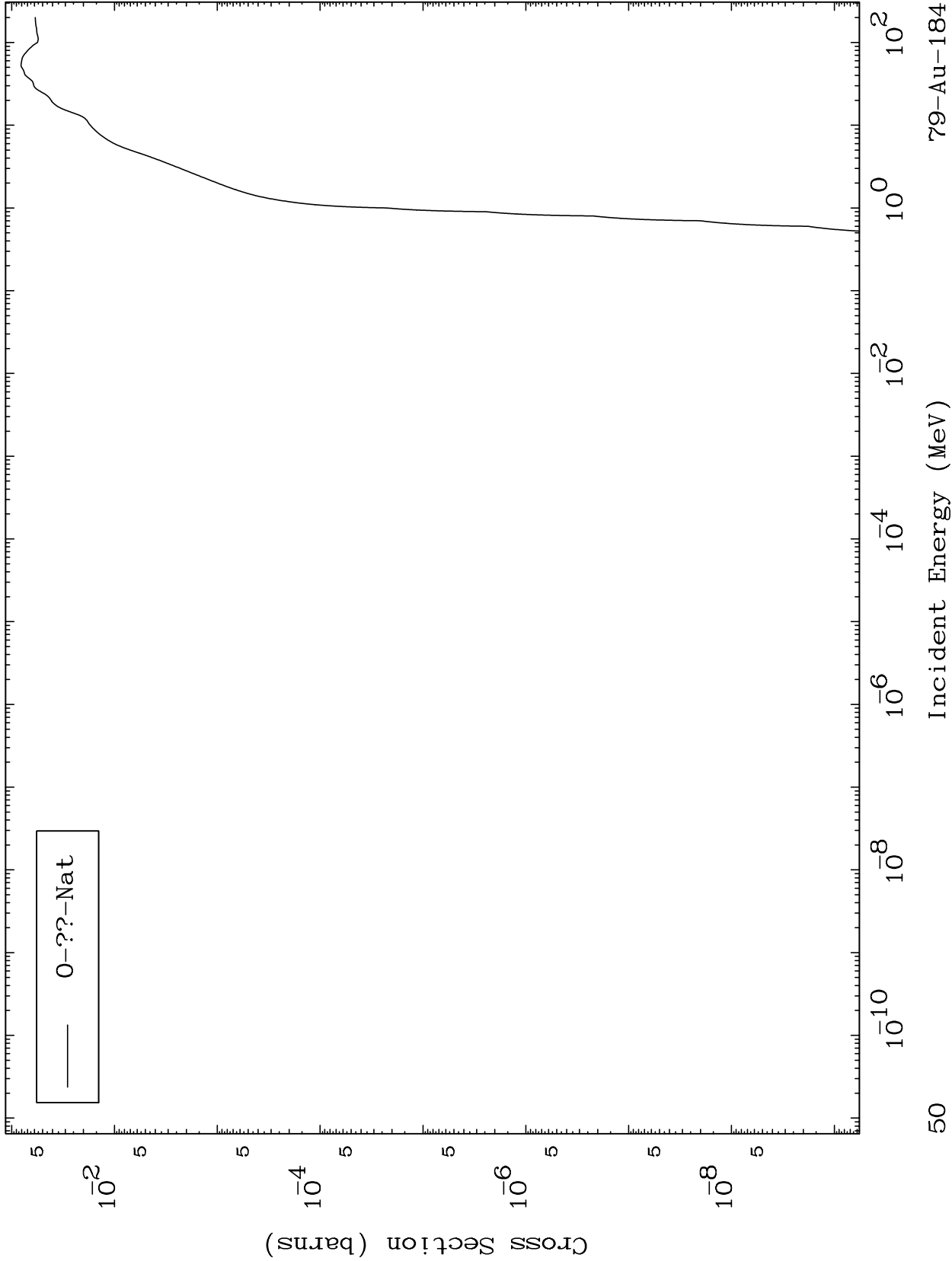
— 79-Au-184g
- - - 79-Au-184m1

MAT 7886

Fission

79-Au-184

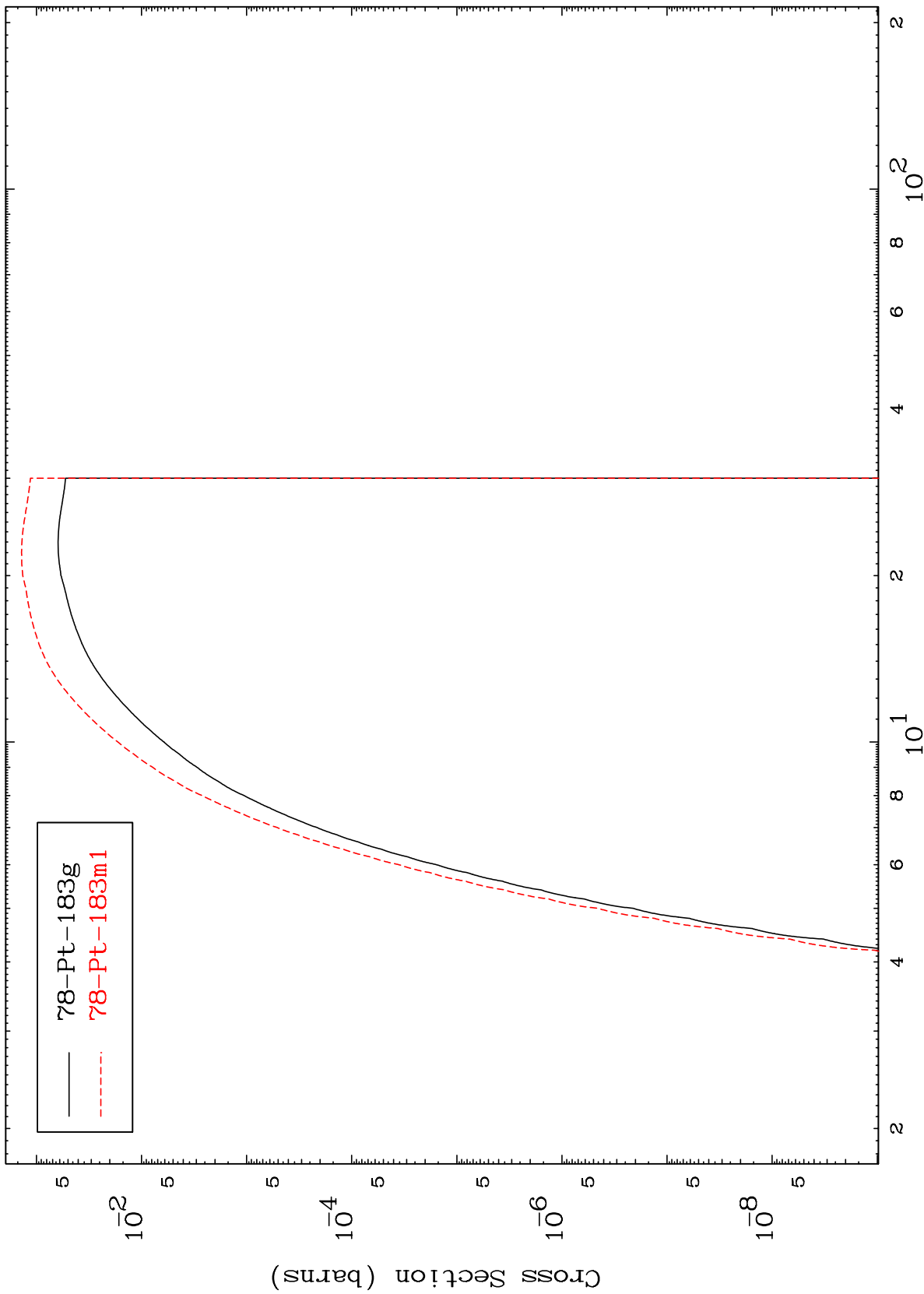
Radionuclide Production Cross Section



50

79-Au-184

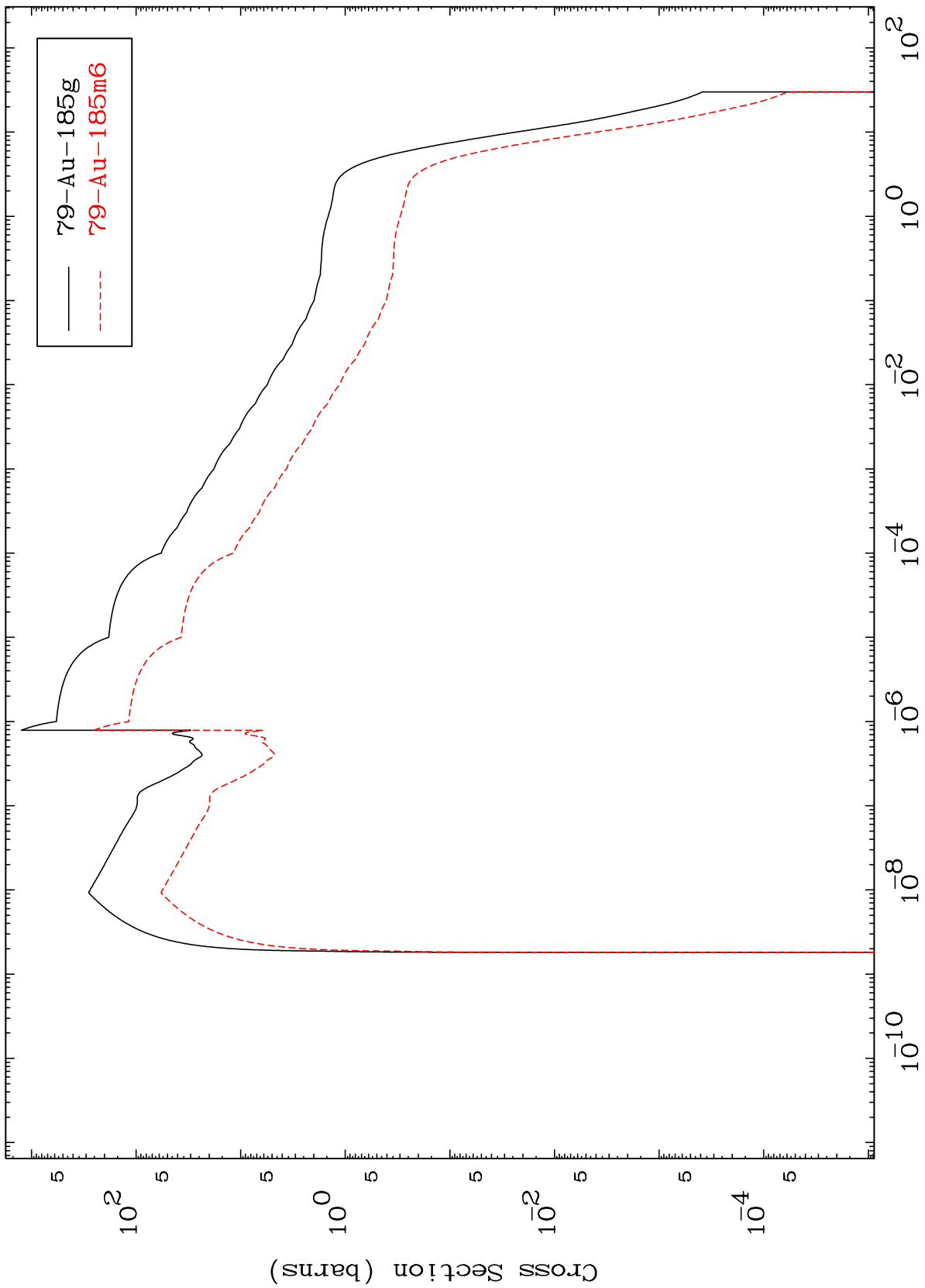
(n,n') p
Radionuclide Production Cross Section



MAT 7886

⁷⁹Au-184

^(n,γ)
Radionuclide Production Cross Section



52

⁷⁹Au-184

Incident Energy (MeV)

MAT 7886

(n,d)

79-Au-184

Radionuclide Production Cross Section

