

Program EVALPLOT
(Version 2021-1)

by

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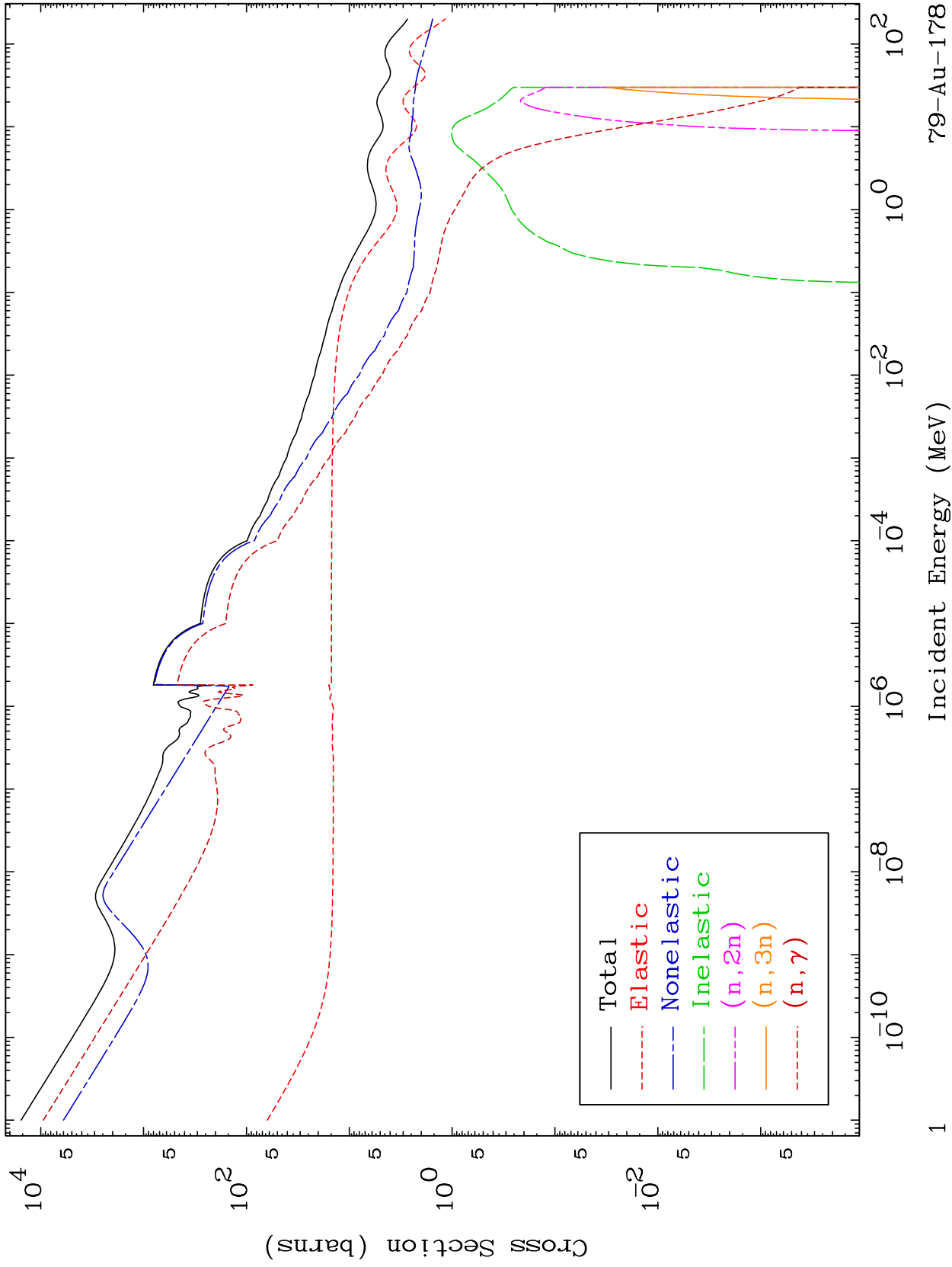
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Press Mouse Button to Start

MAT 7868

Neutron Major
293 Kelvin Cross Sections

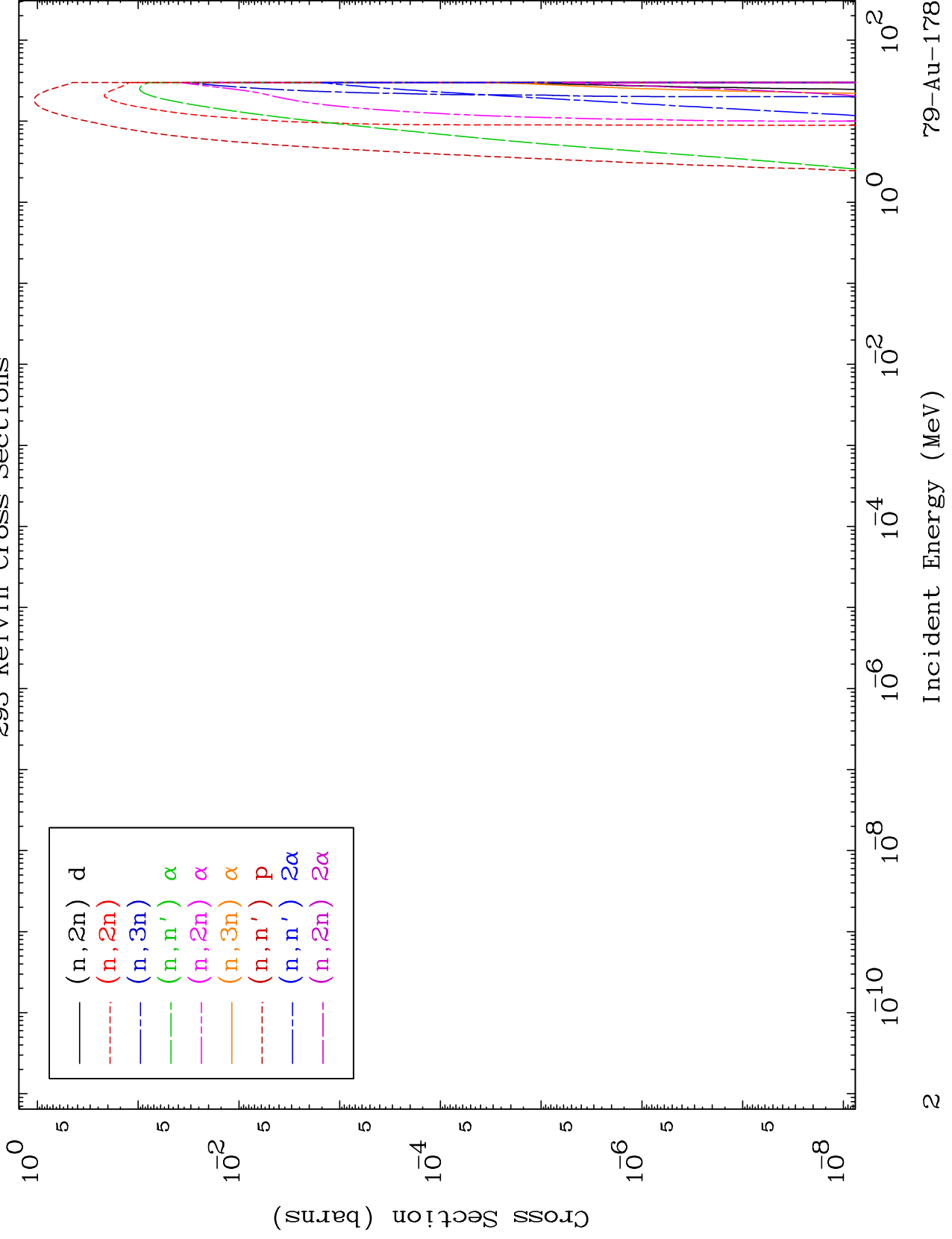
79-Au-178



MAT 7868

Neutron Absorption
293 Kelvin Cross Sections

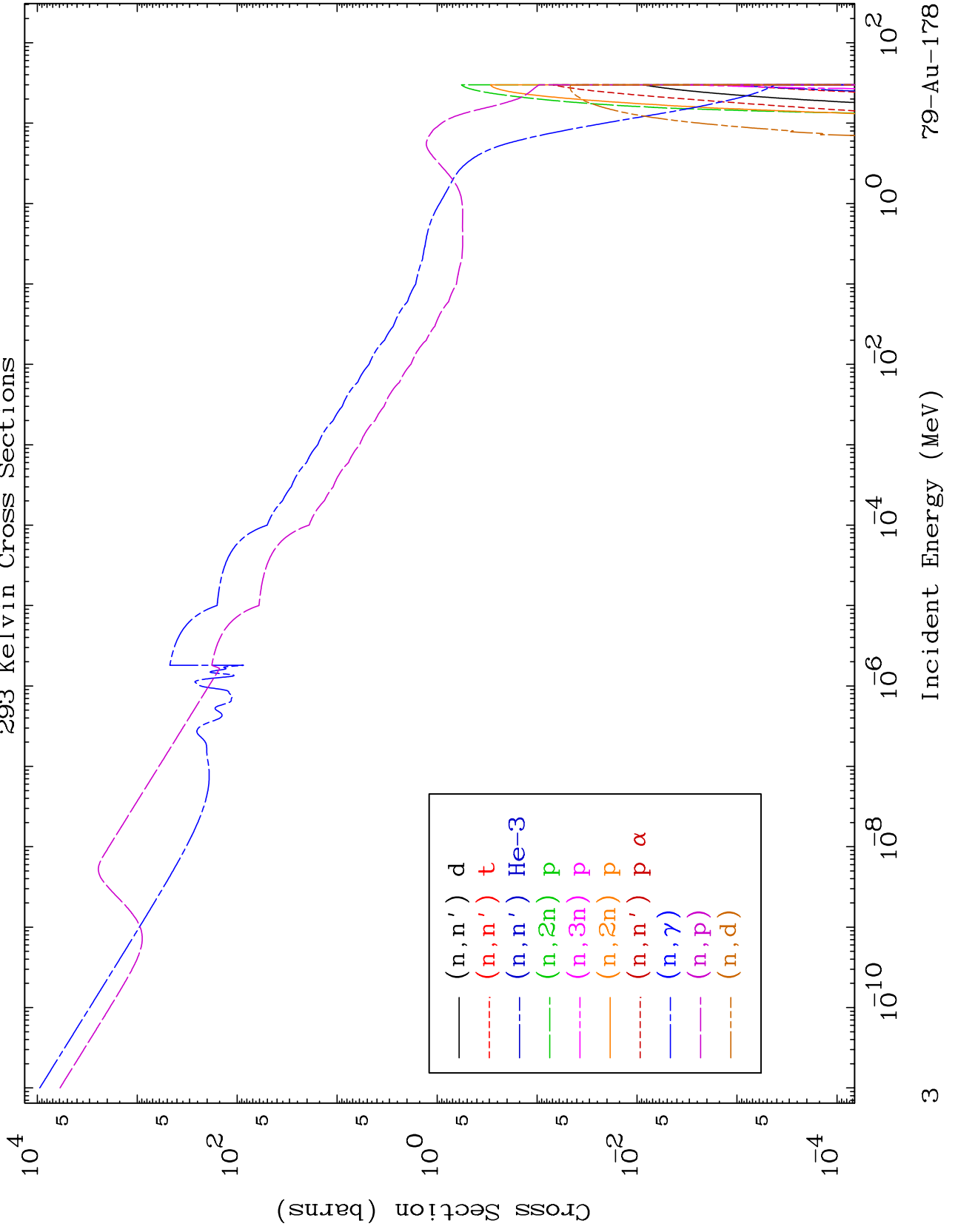
79-Au-178



MAT 7868

Neutron Absorption
293 Kelvin Cross Sections

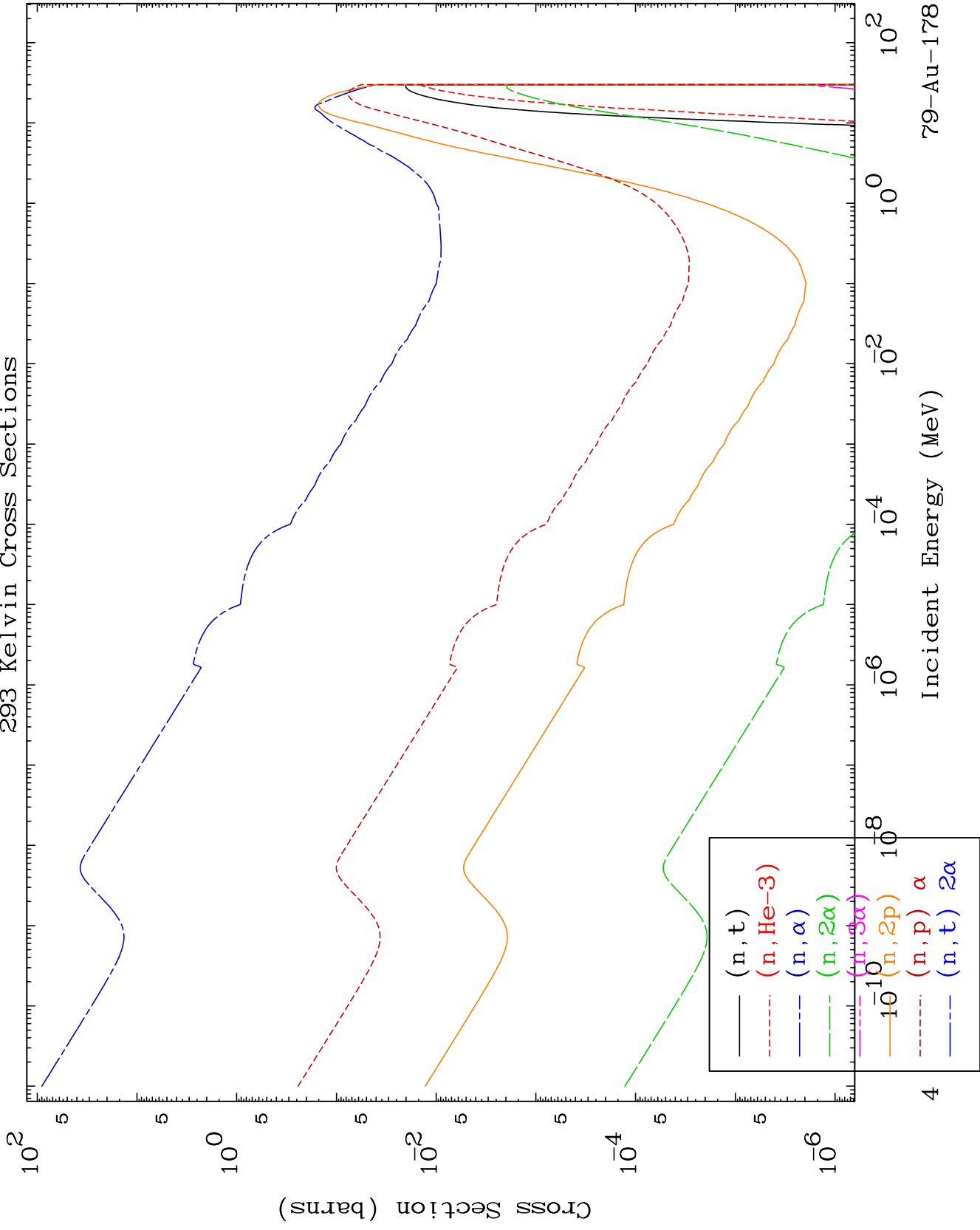
79-Au-178

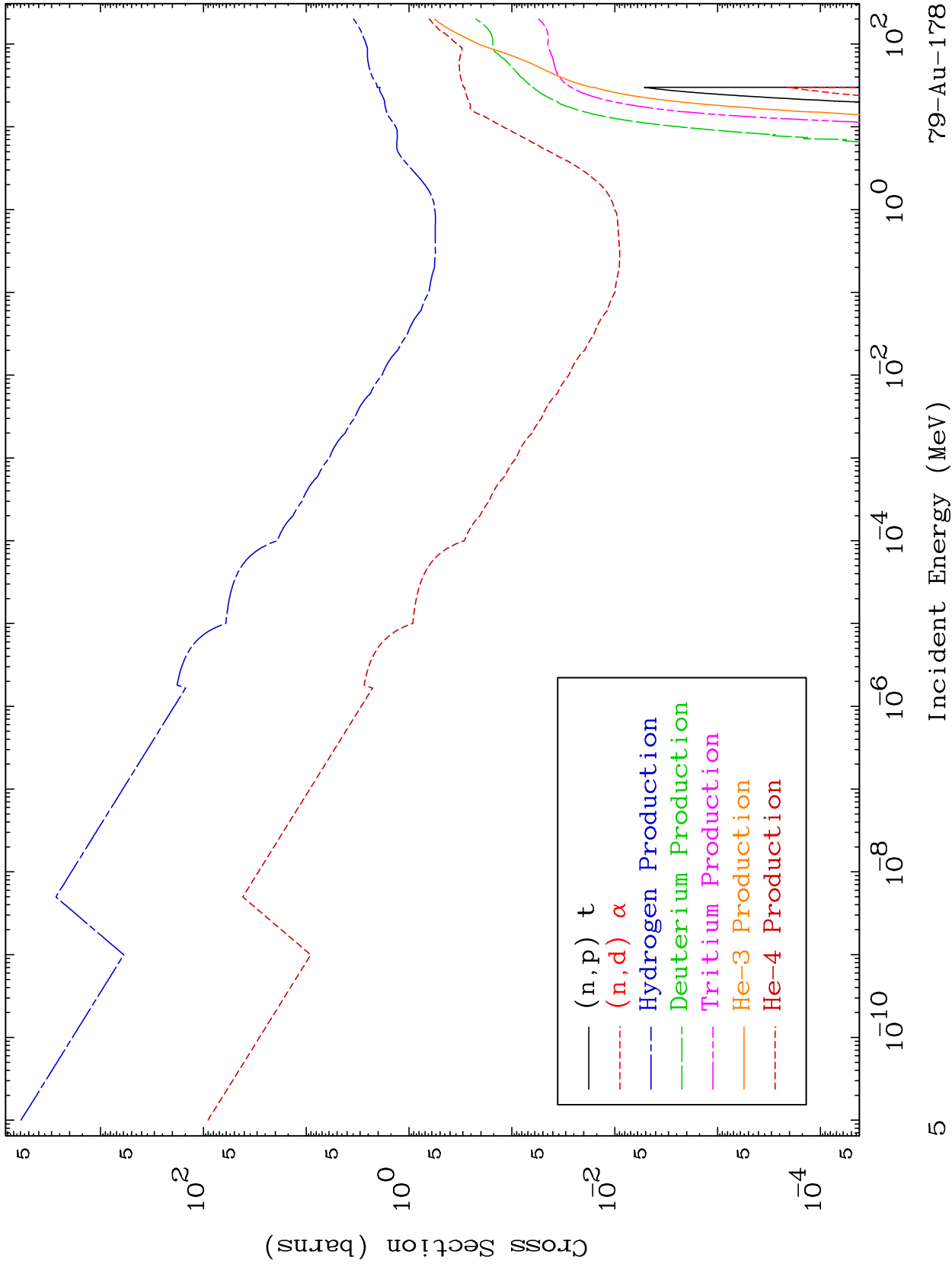


MAT 7868

Neutron Absorption
293 Kelvin Cross Sections

79-Au-178

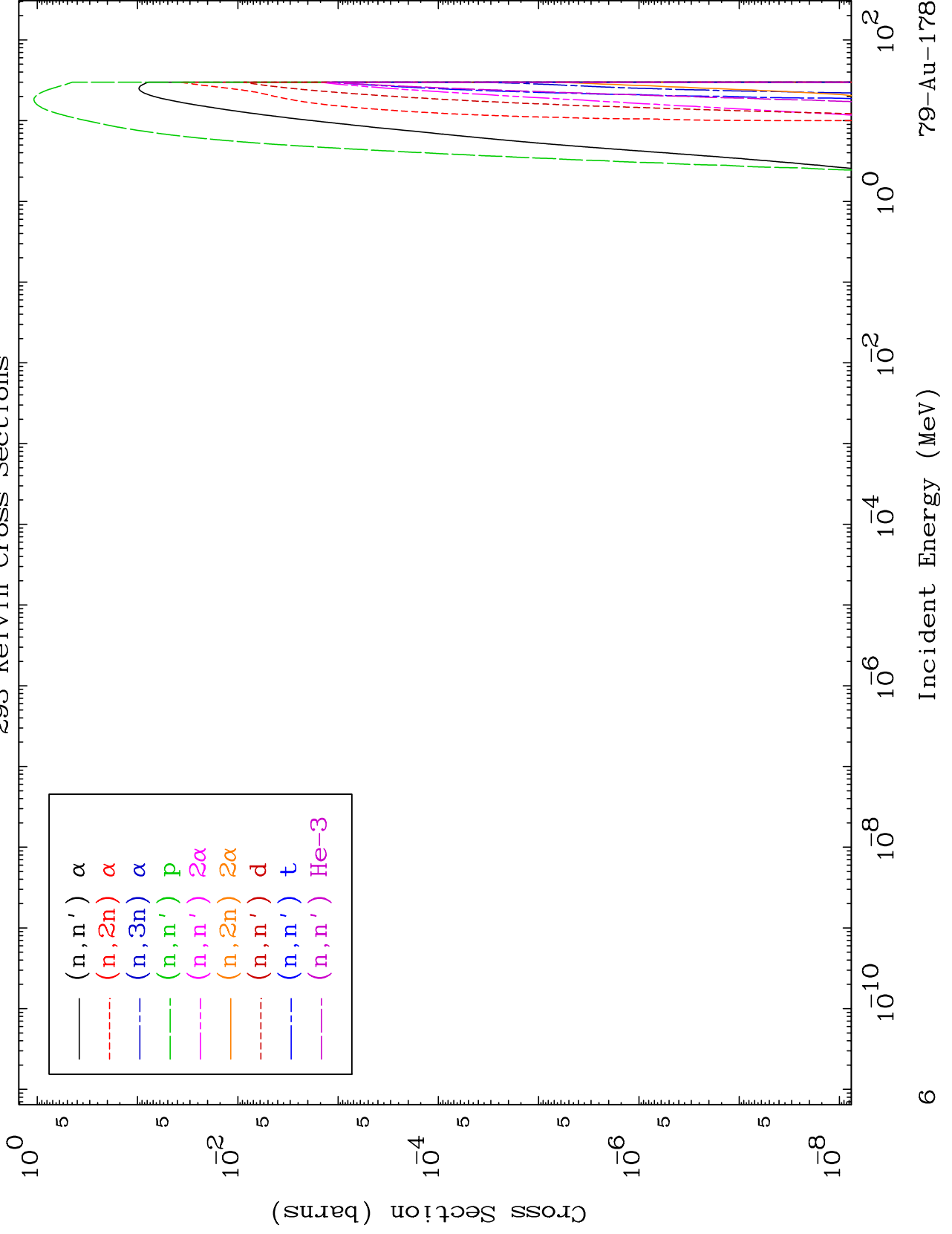


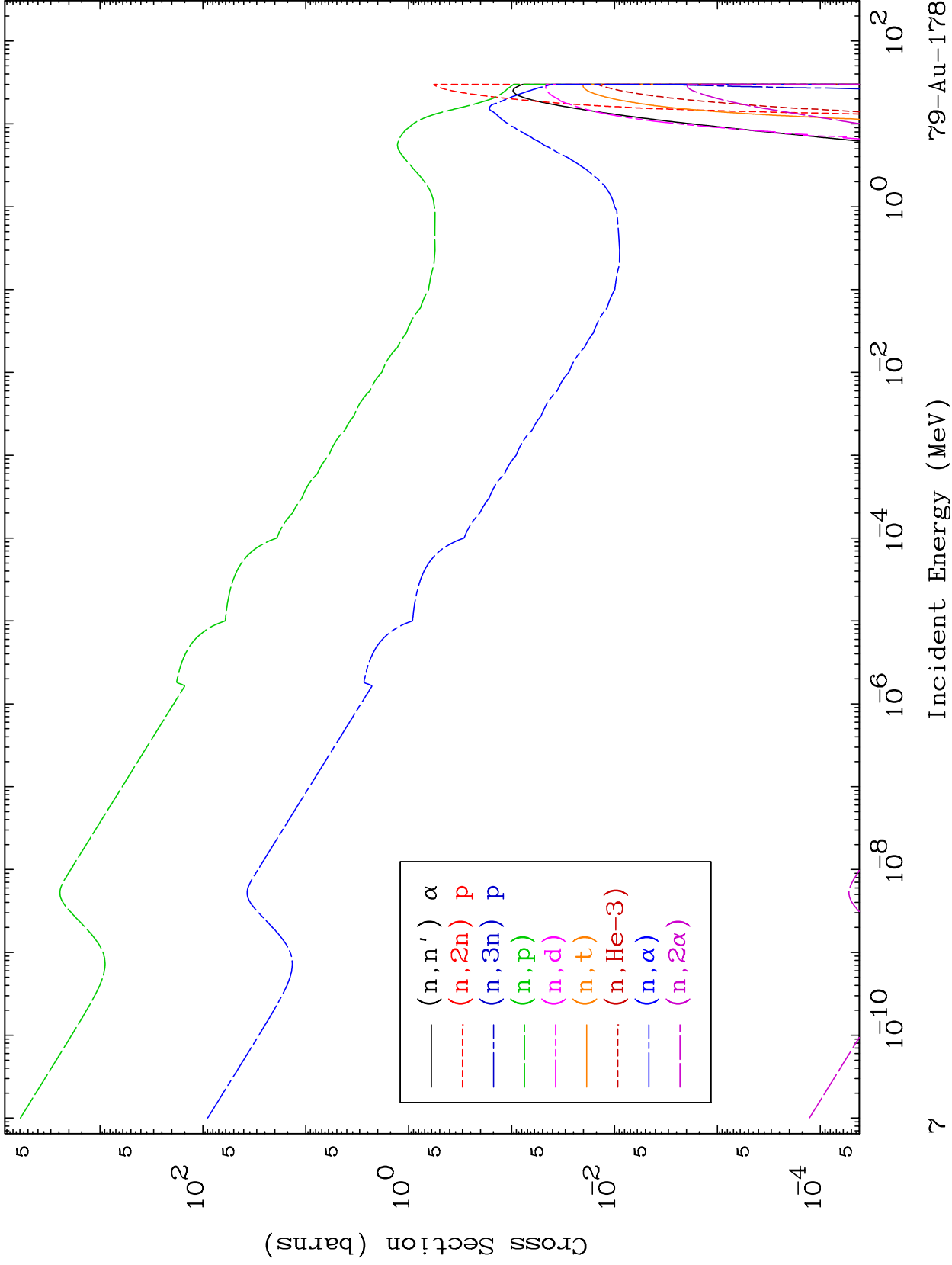


MAT 7868

Charged Particle
293 Kelvin Cross Sections

79-Au-178

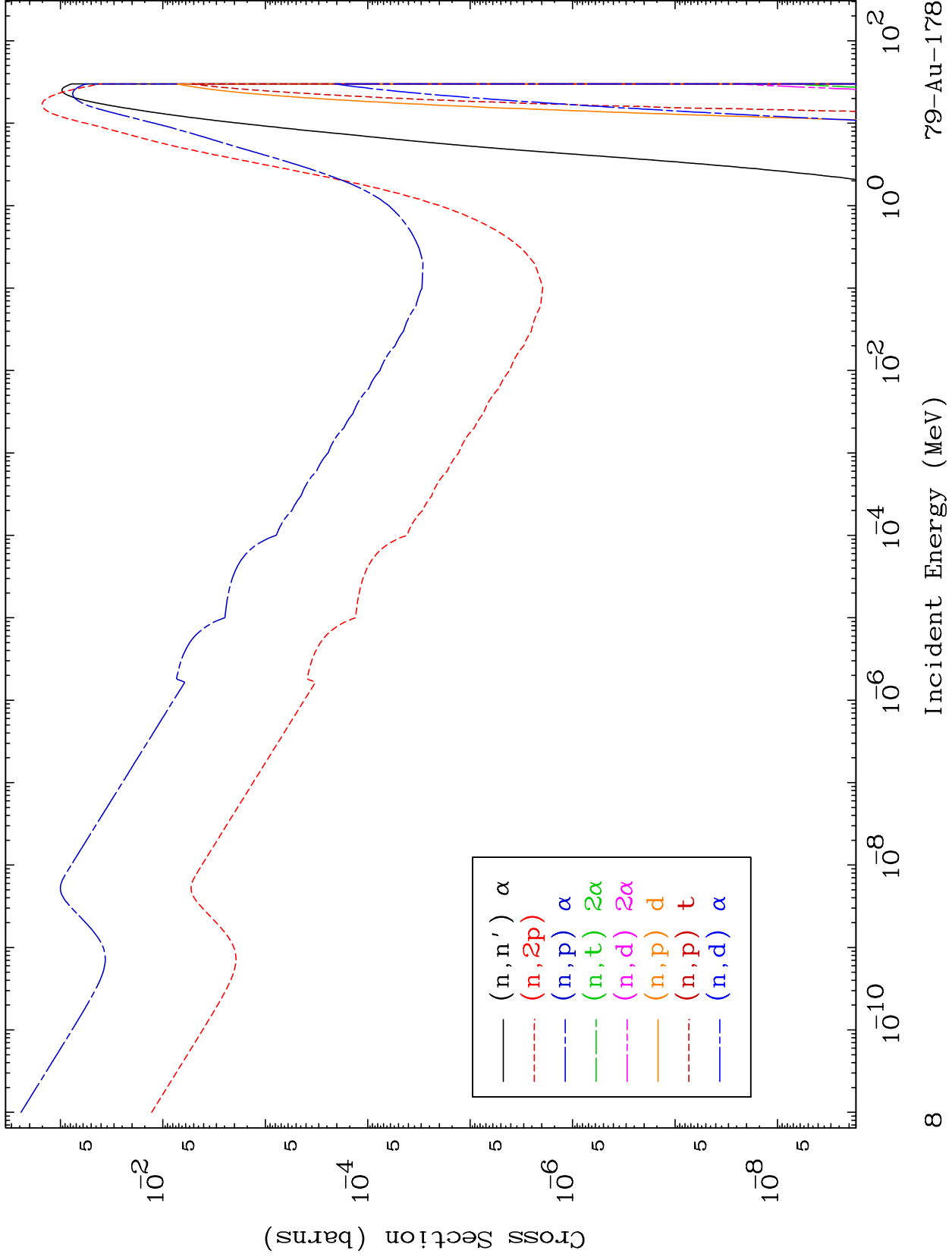


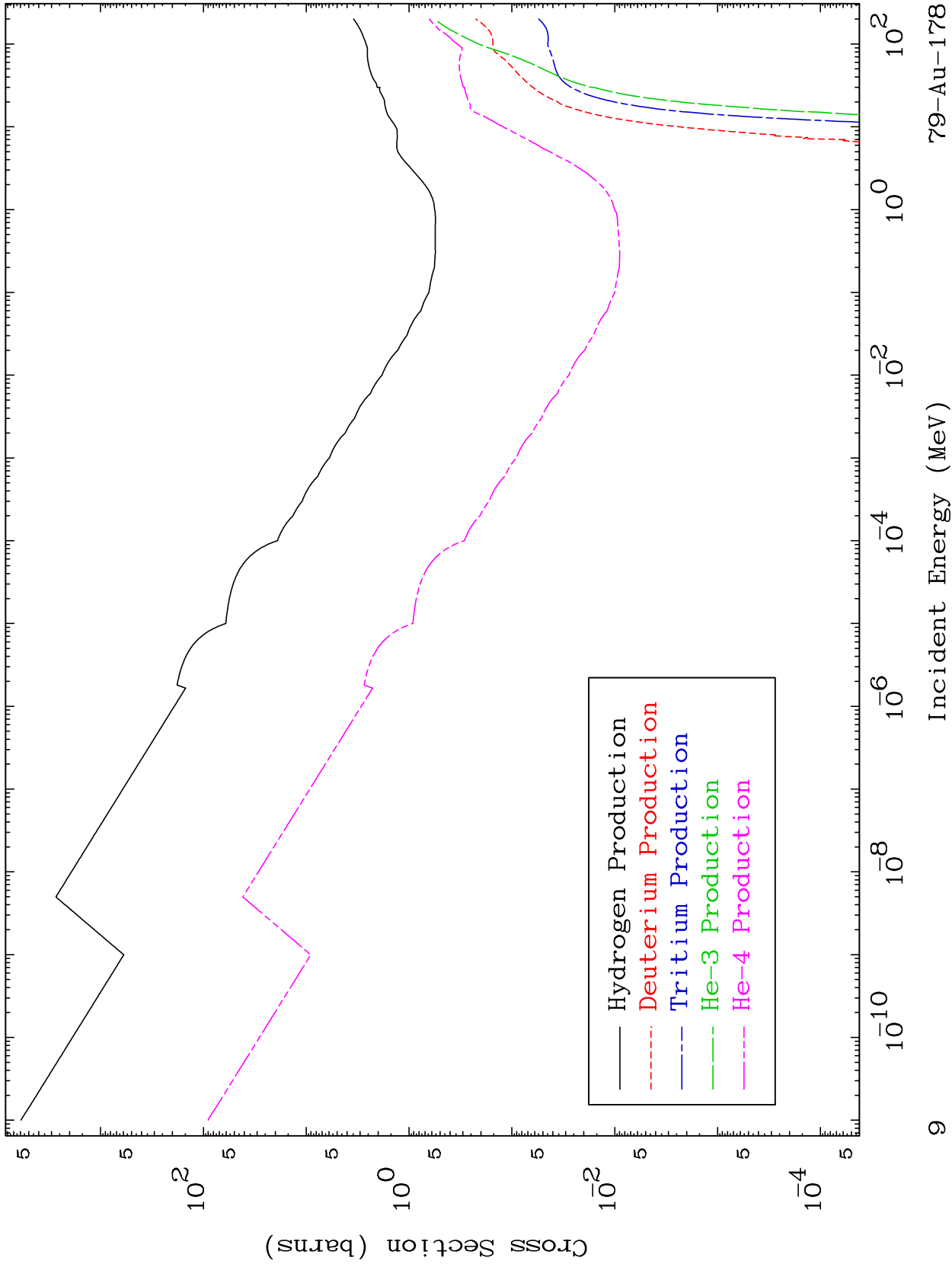


MAT 7868

Charged Particle
293 Kelvin Cross Sections

79-Au-178

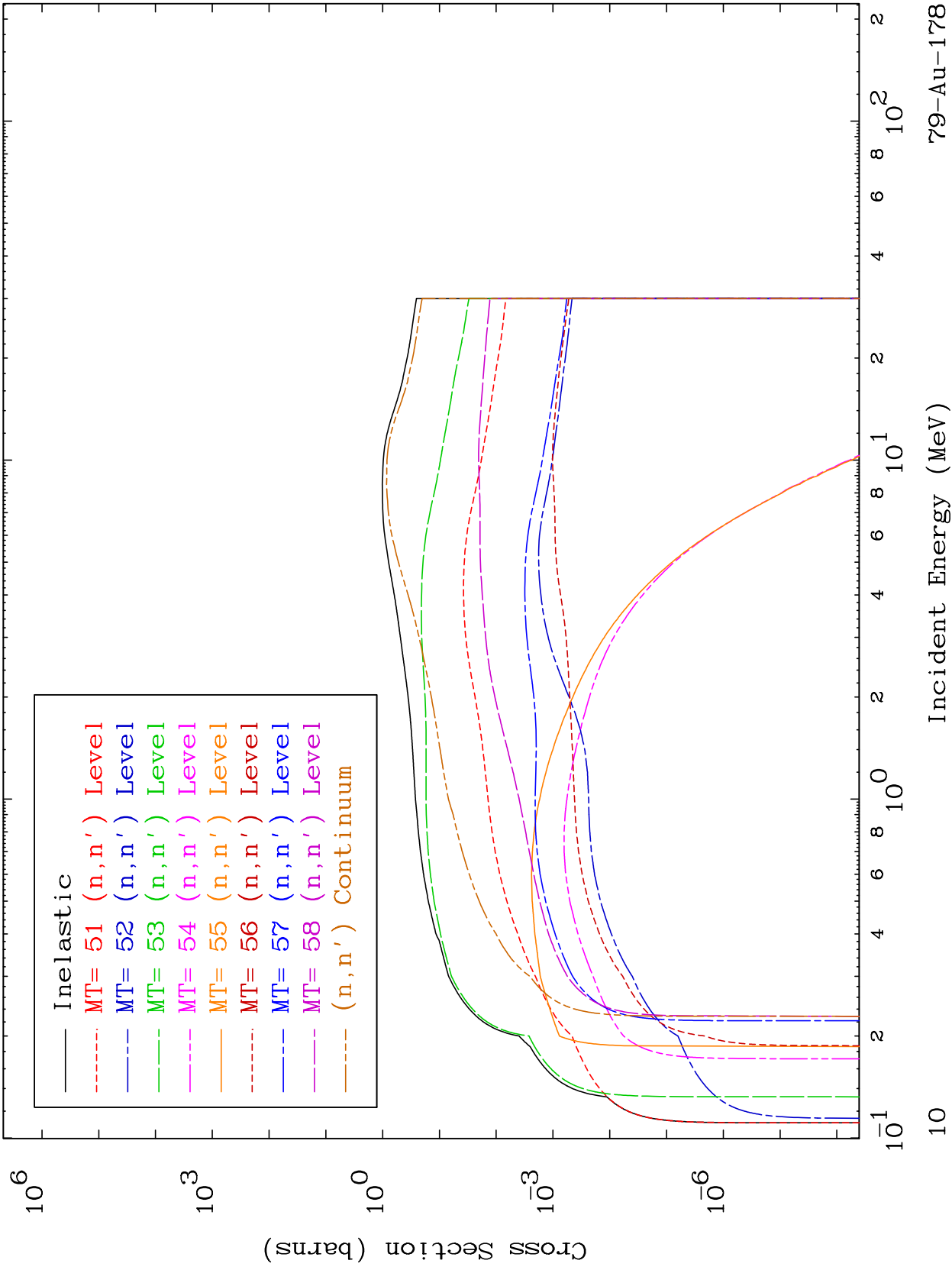




MAT 7868

(n,n') Levels
293 Kelvin Cross Sections

79-Au-178

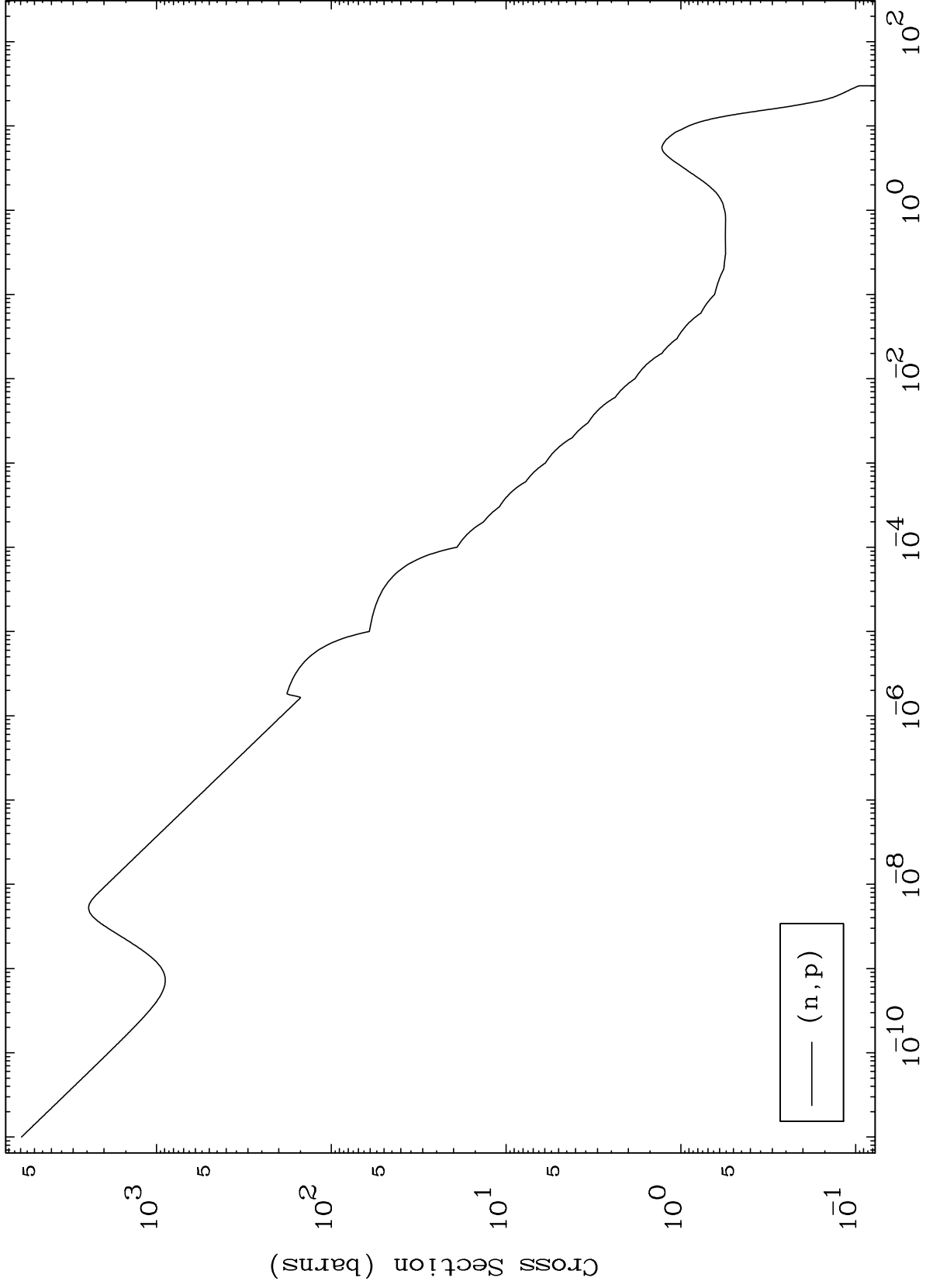


79-Au-178

MAT 7868

(n,p) Levels
293 Kelvin Cross Sections

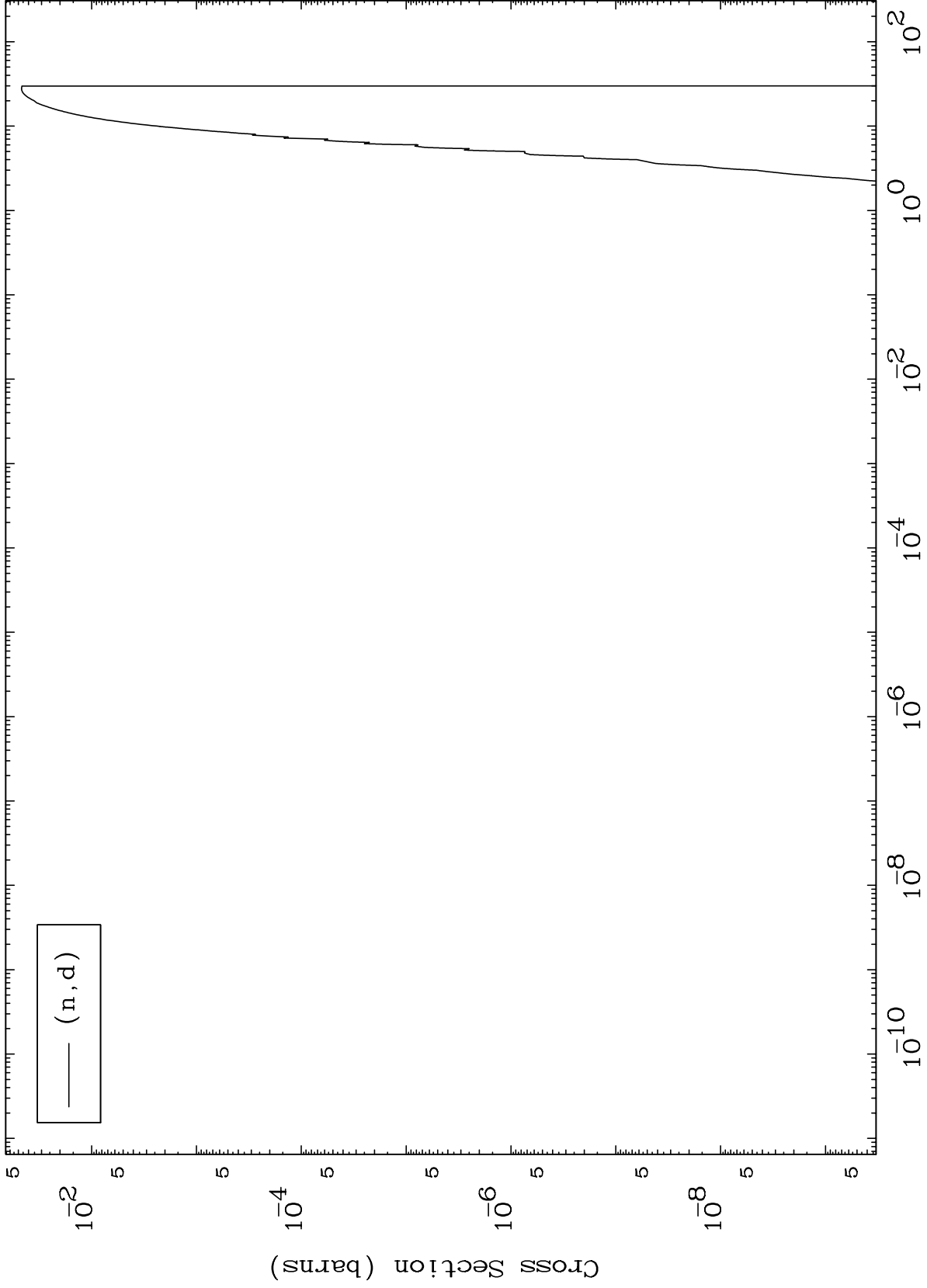
79-Au-178



MAT 7868

(n,d) Levels
293 Kelvin Cross Sections

79-Au-178



12

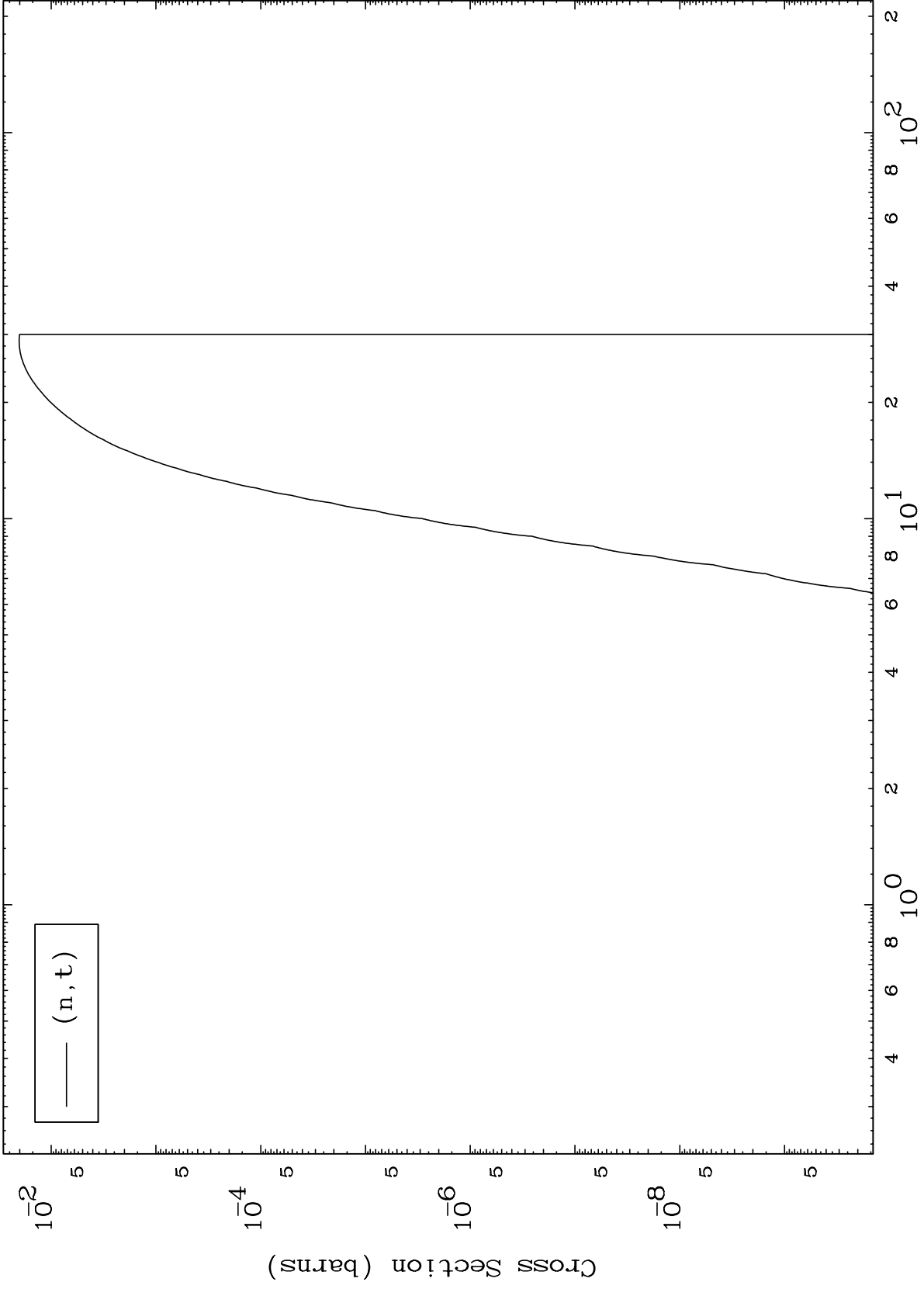
Incident Energy (MeV)

79-Au-178

MAT 7868

(n,t) Levels
293 Kelvin Cross Sections

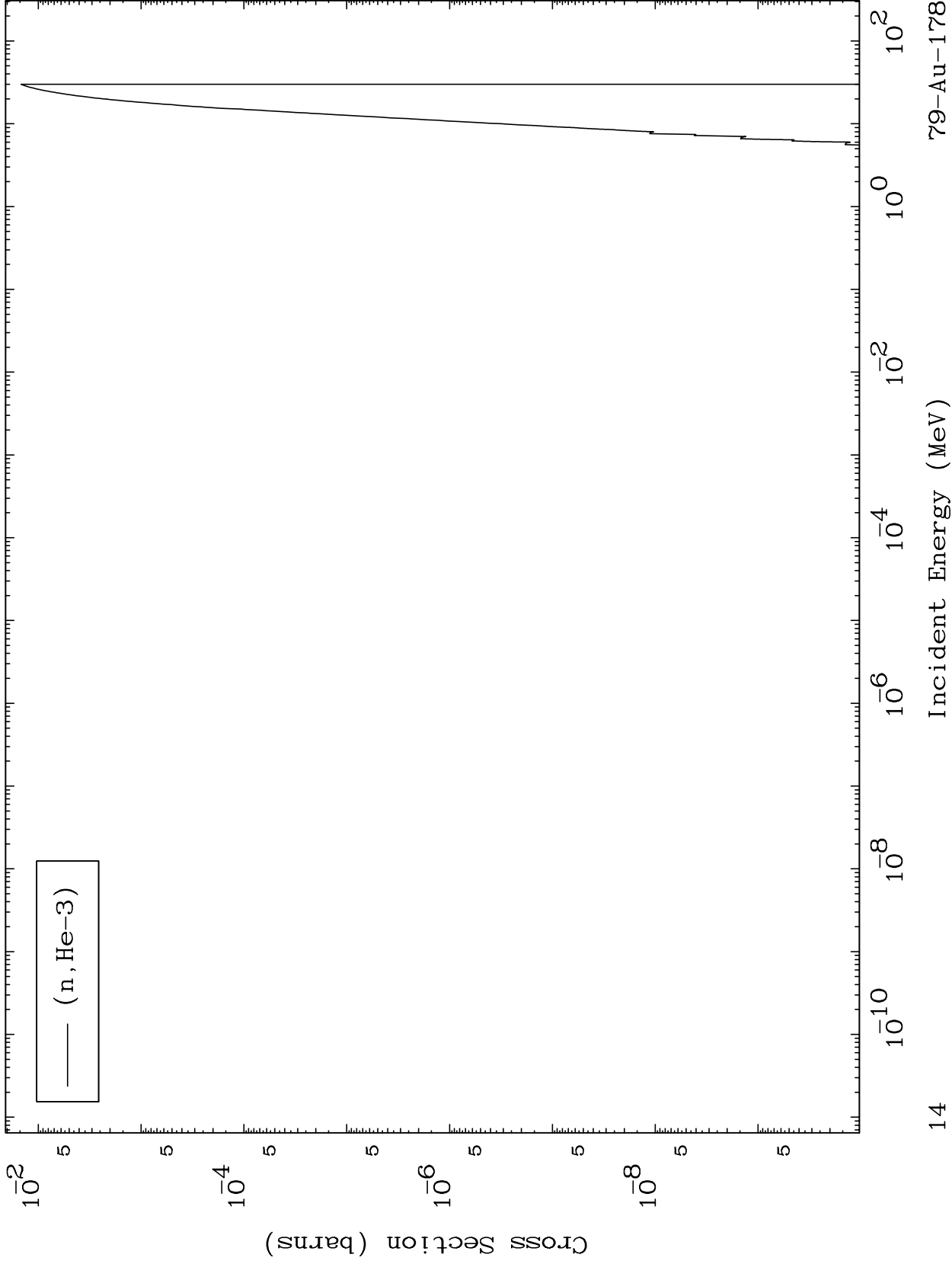
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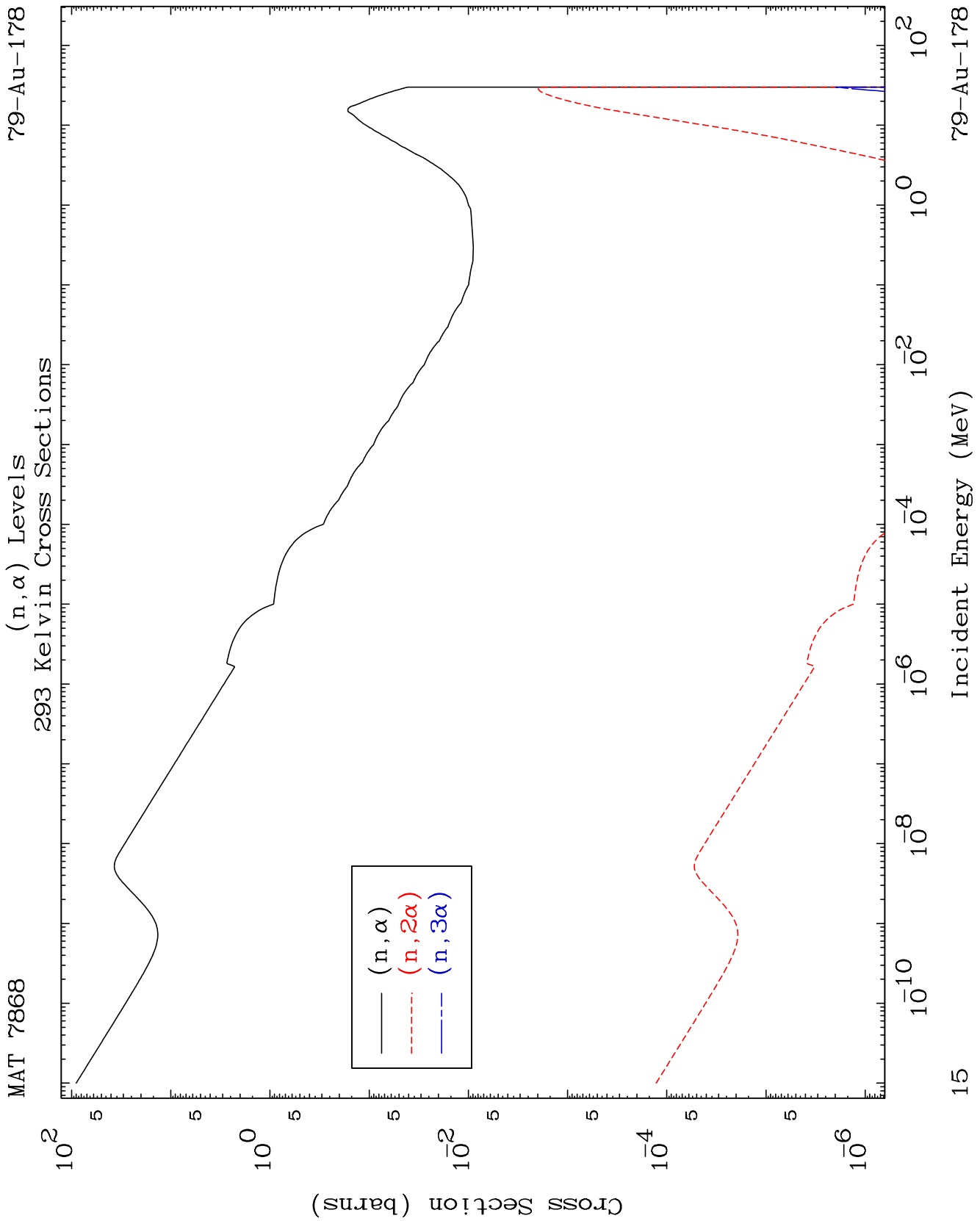


MAT 7868

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-178

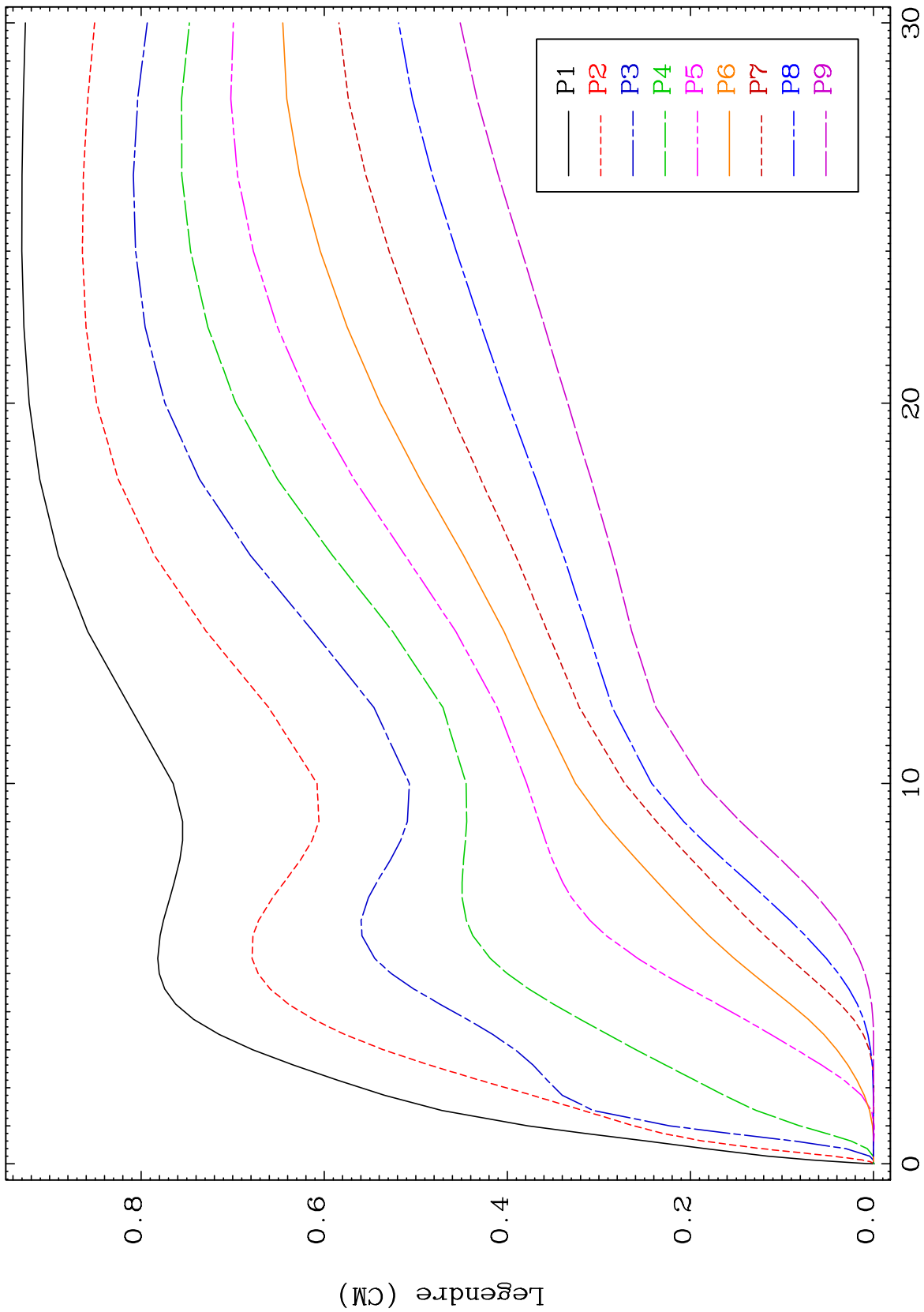




MAT 7868

79-Au-178

Elastic Legendre Coefficients



16

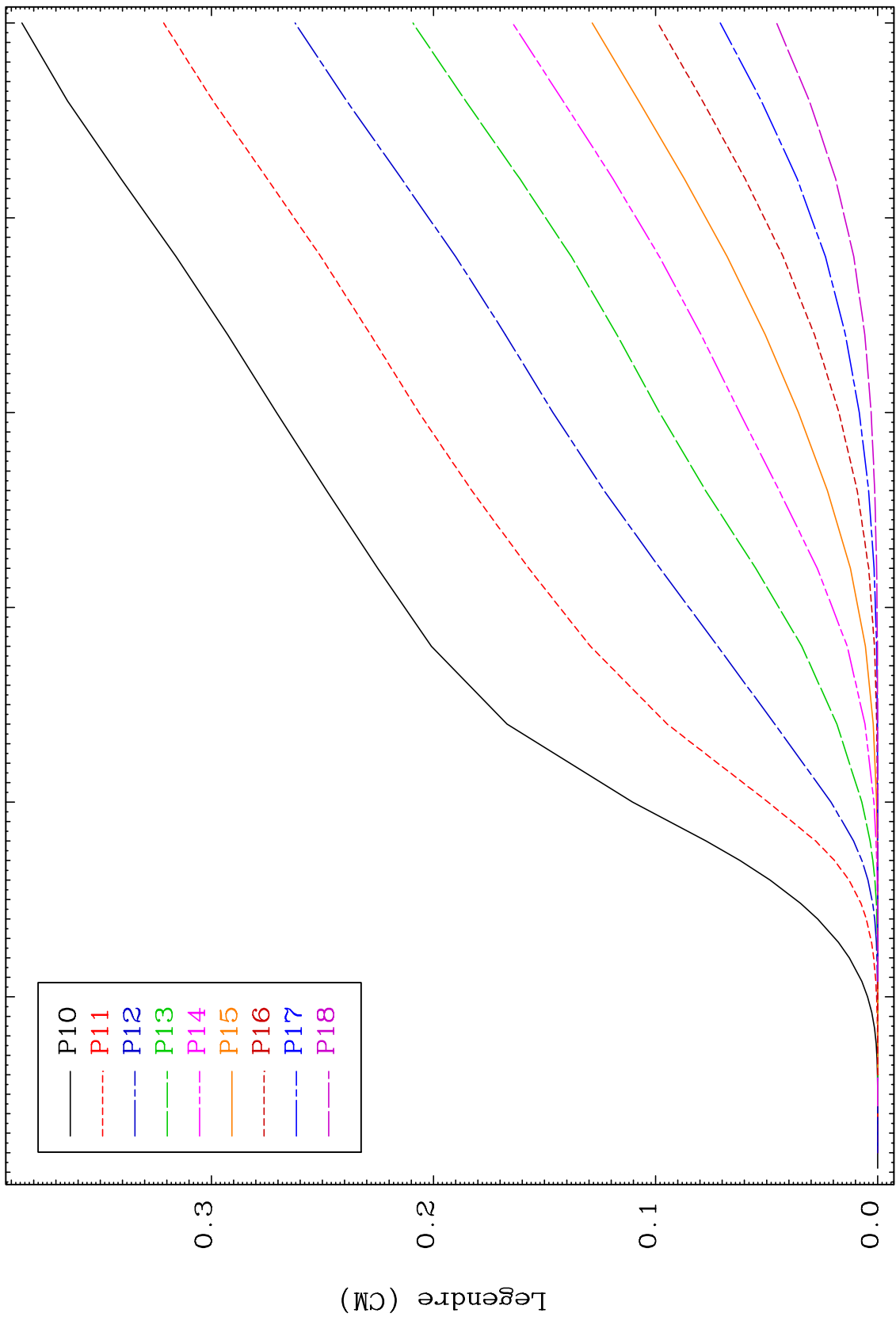
Incident Energy (MeV)

79-Au-178

MAT 7868

Elastic Legendre Coefficients

79-Au-178



17

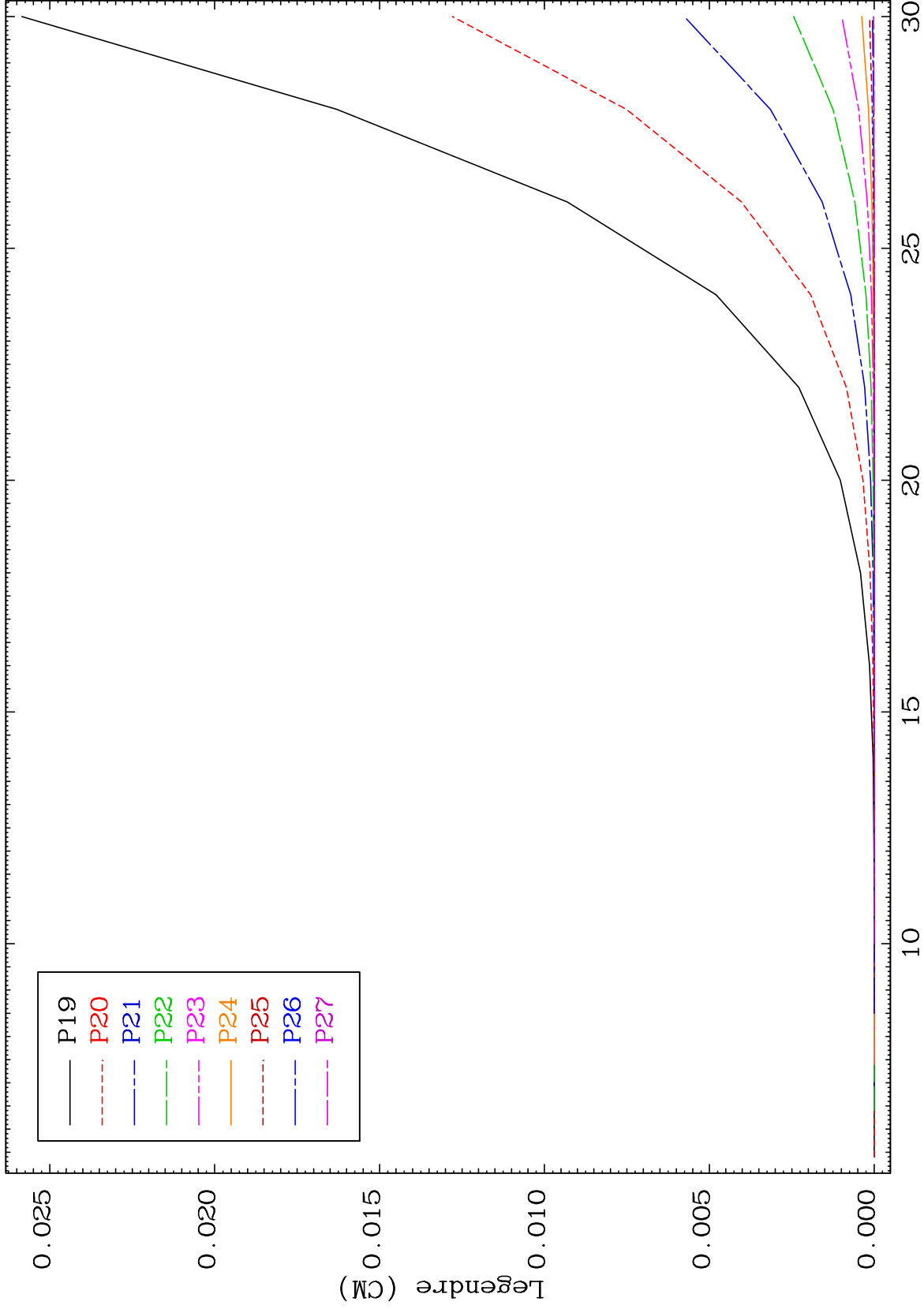
Incident Energy (MeV)

79-Au-178

MAT 7868

Elastic Legendre Coefficients

79-Au-178



18

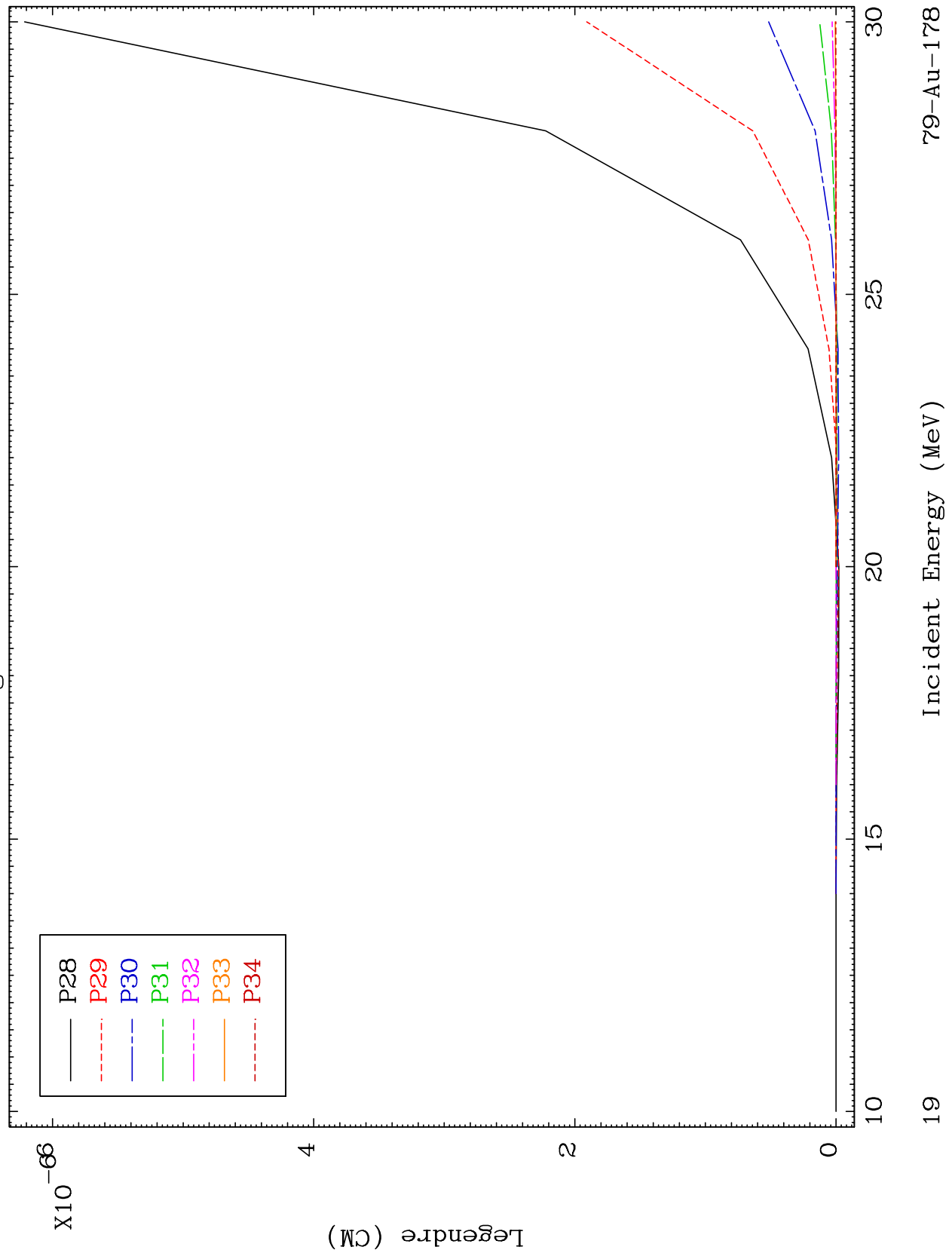
Incident Energy (MeV)

79-Au-178

MAT 7868

Elastic Legendre Coefficients

79-Au-178



79-Au-178

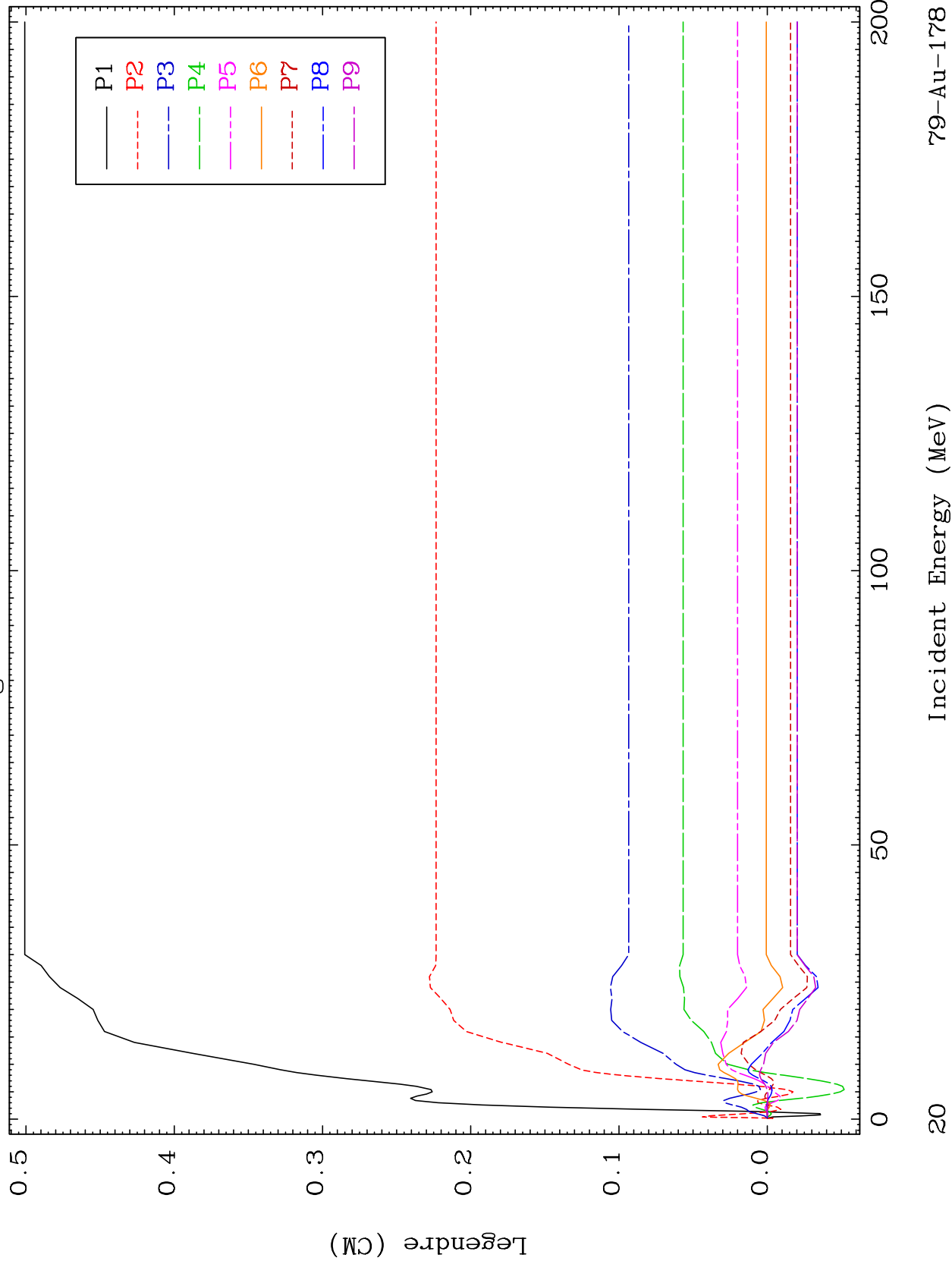
Incident Energy (MeV)

19

MAT 7868

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

79-Au-178



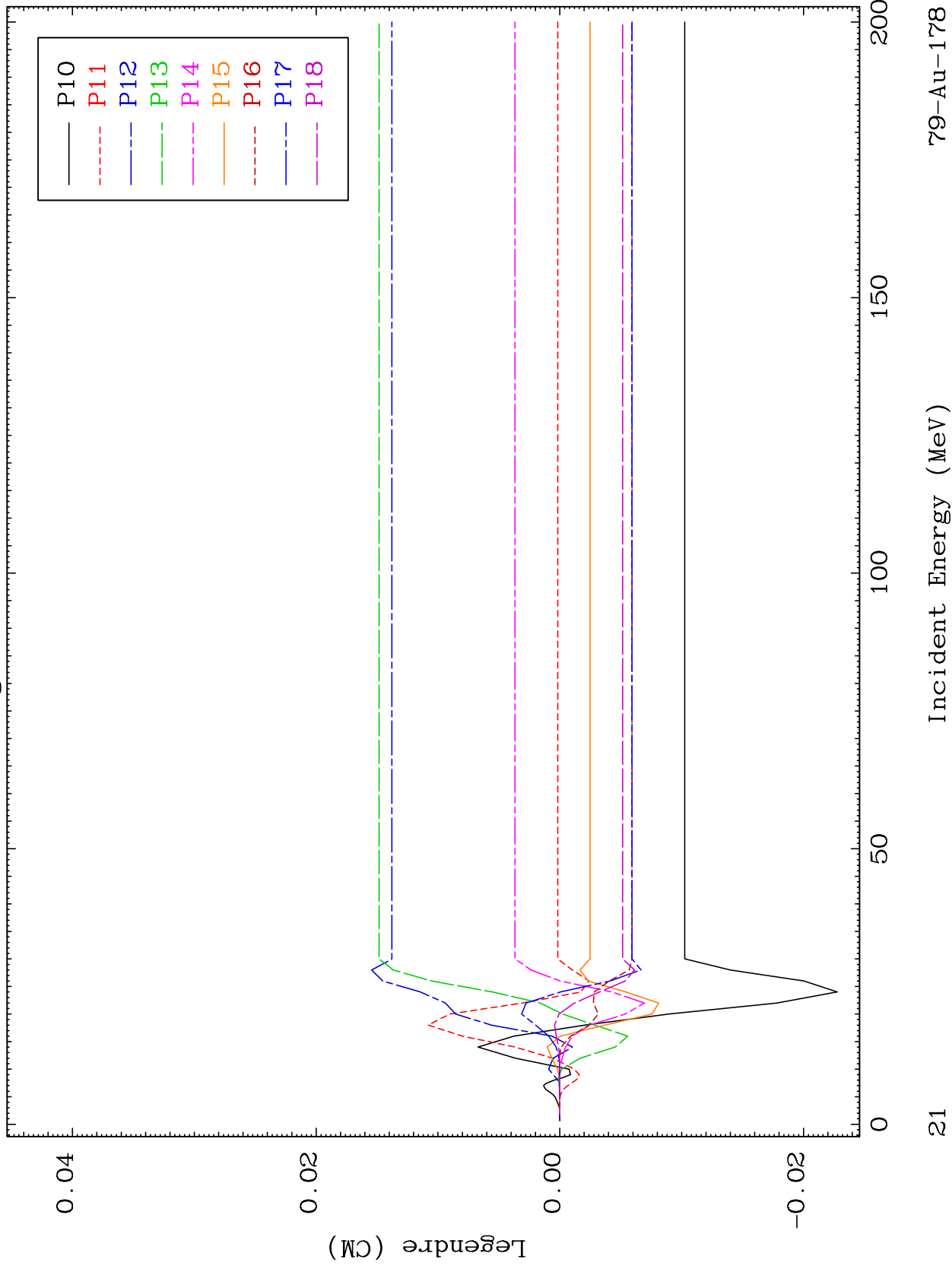
79-Au-178

Incident Energy (MeV)

MAT 7868

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

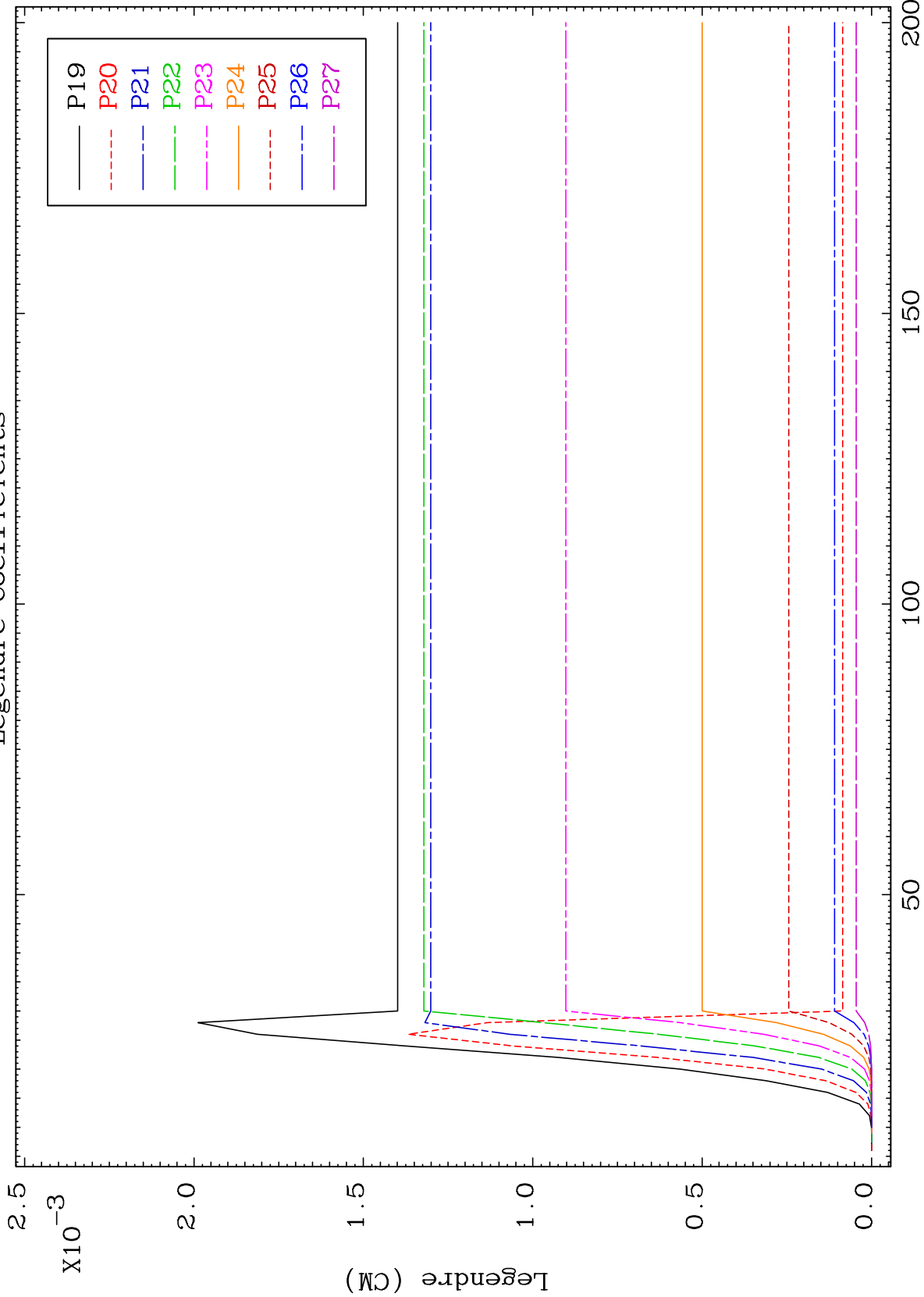
79-Au-178



79-Au-178

Incident Energy (MeV)

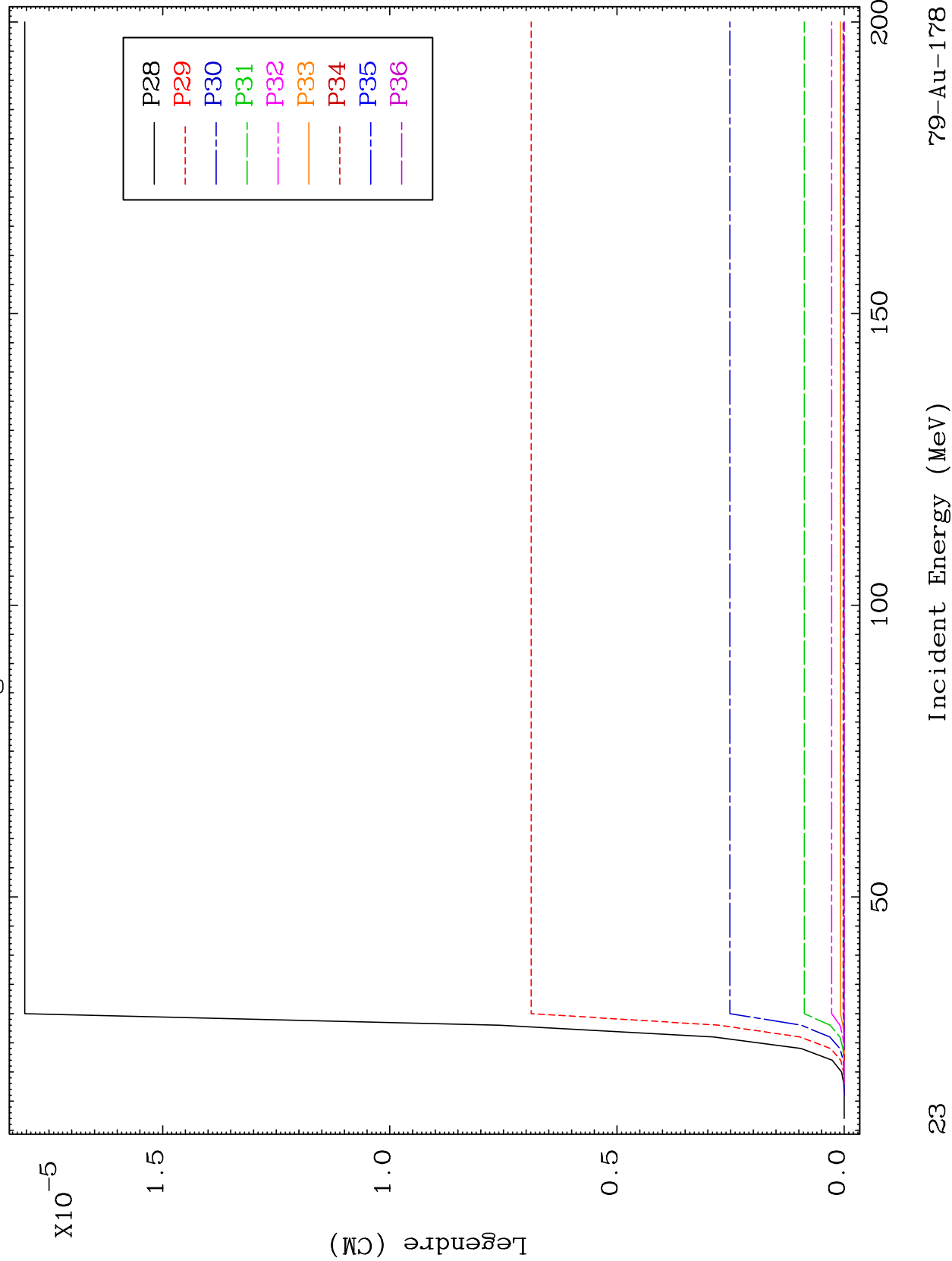
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MAT 7868

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

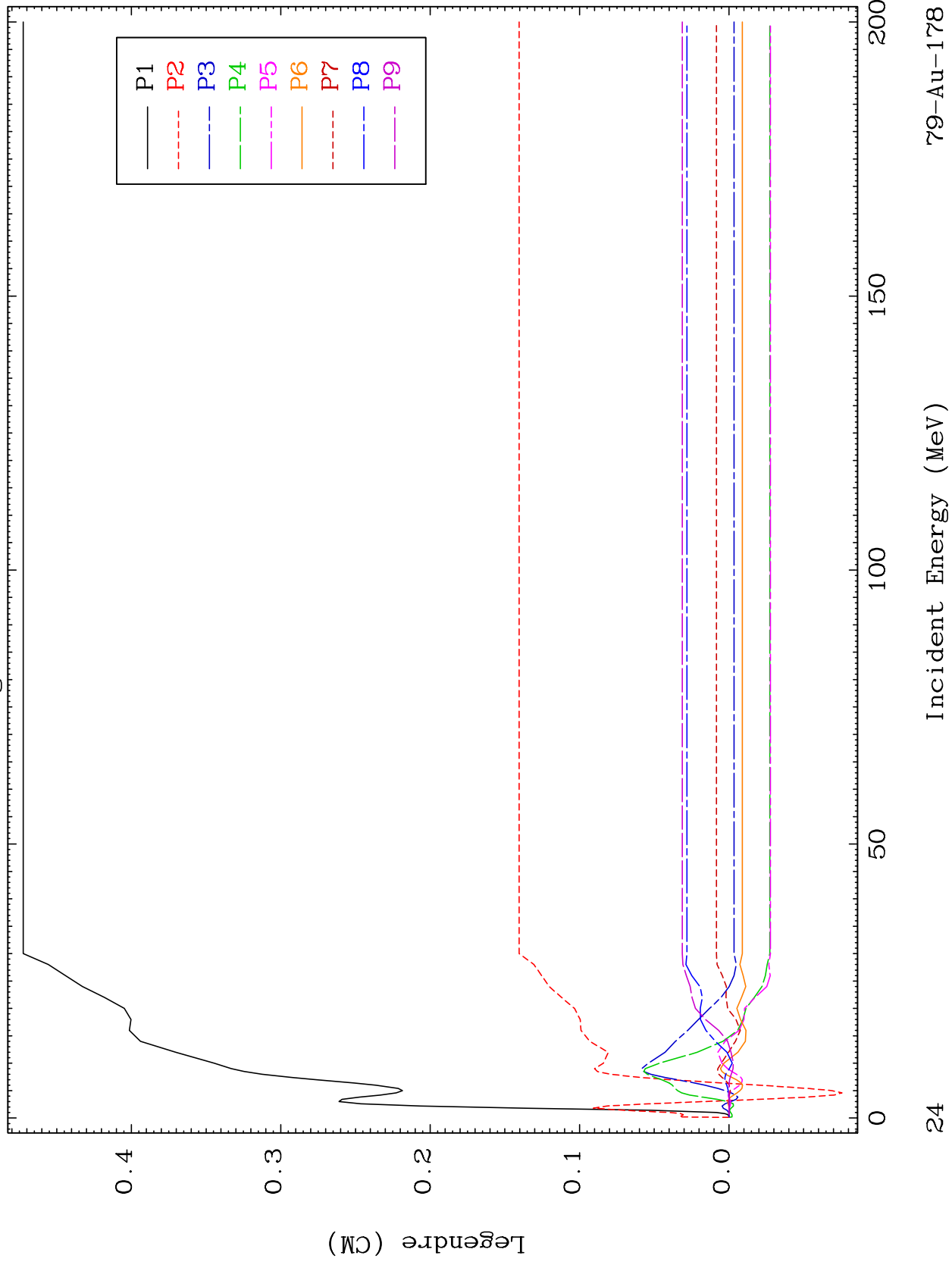
79-Au-178



MAT 7868

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

79-Au-178



79-Au-178

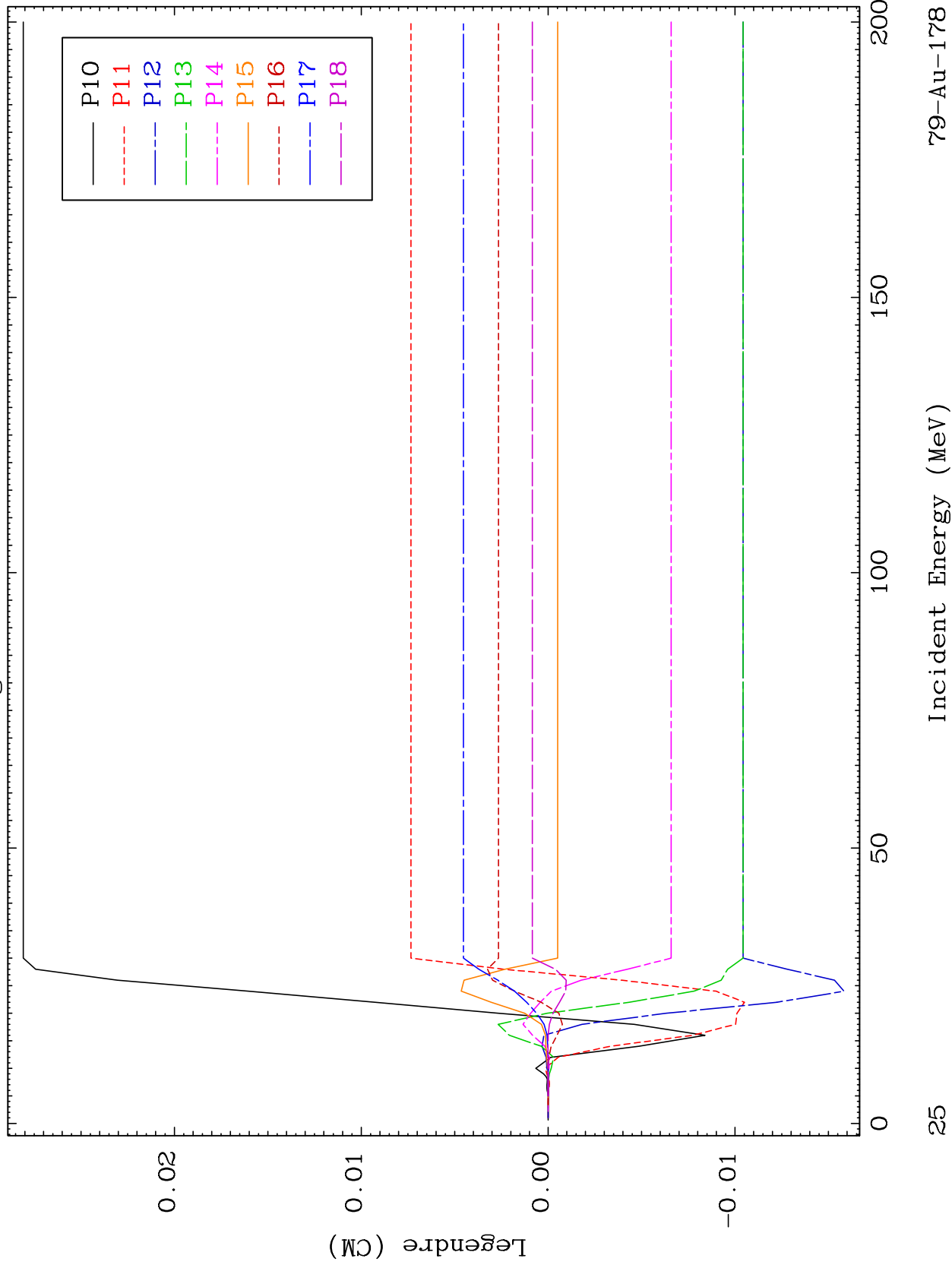
Incident Energy (MeV)

24

MAT 7868

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

79-Au-178



79-Au-178

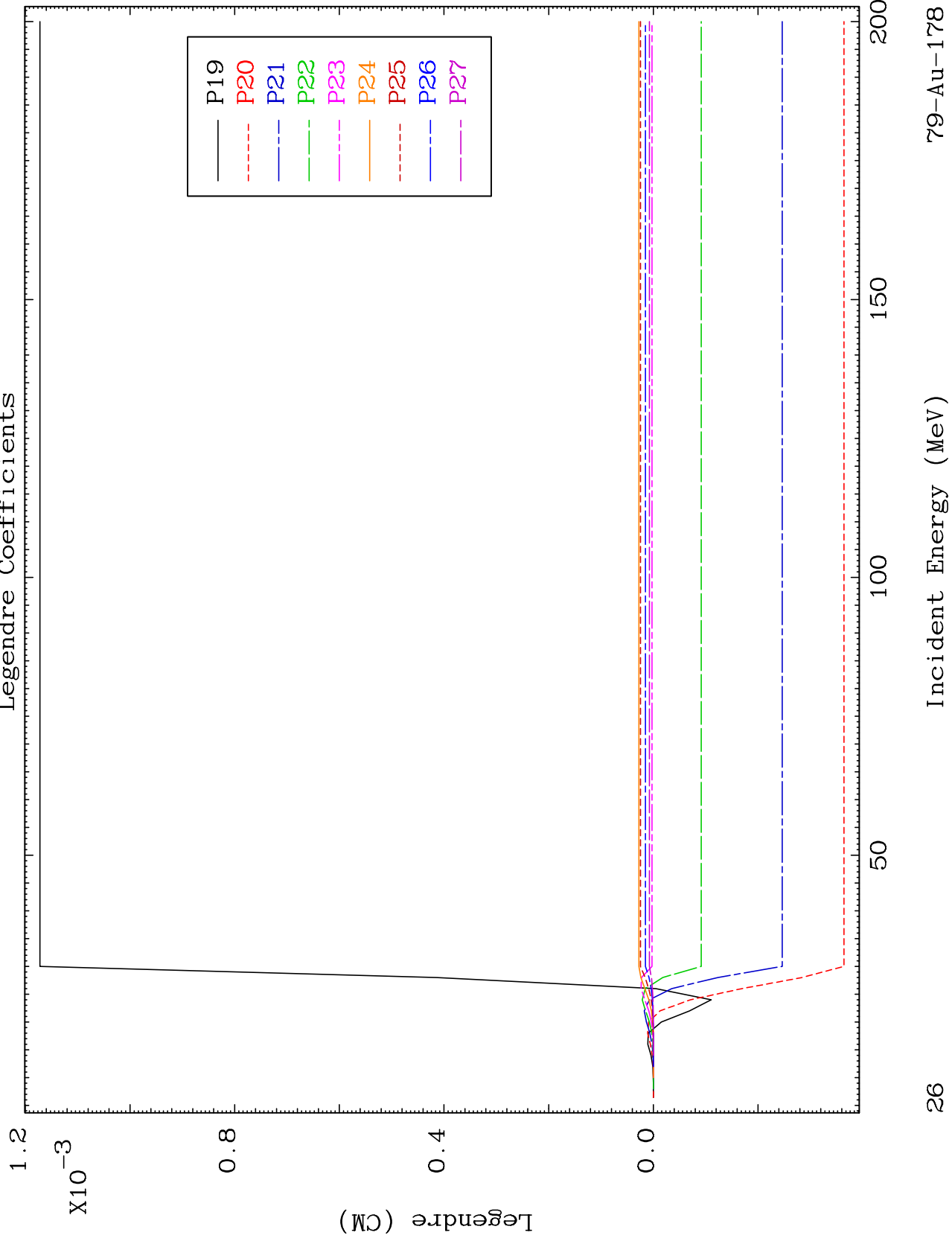
Incident Energy (MeV)

25

MAT 7868

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

79-Au-178



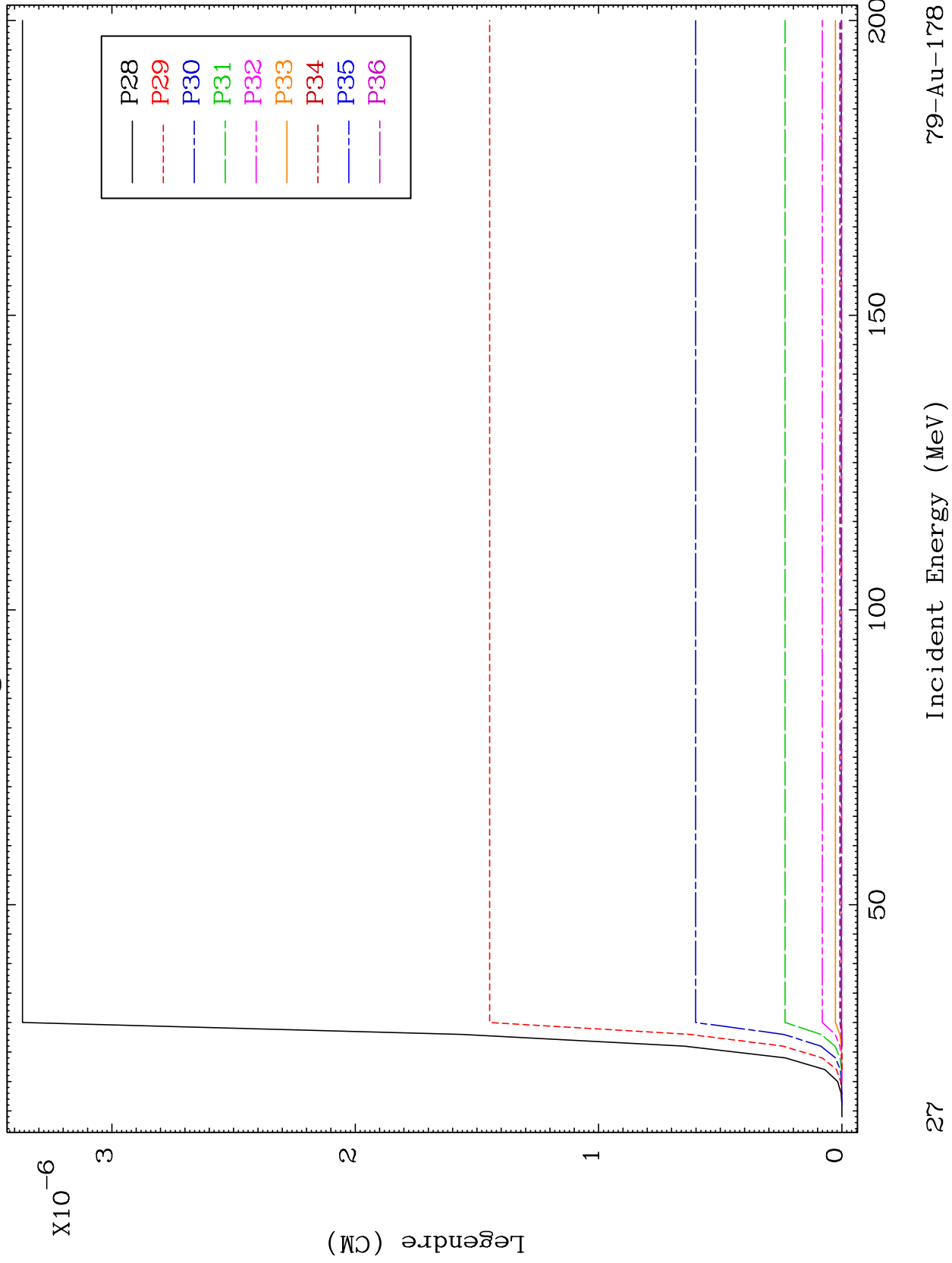
26

79-Au-178

MAT 7868

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

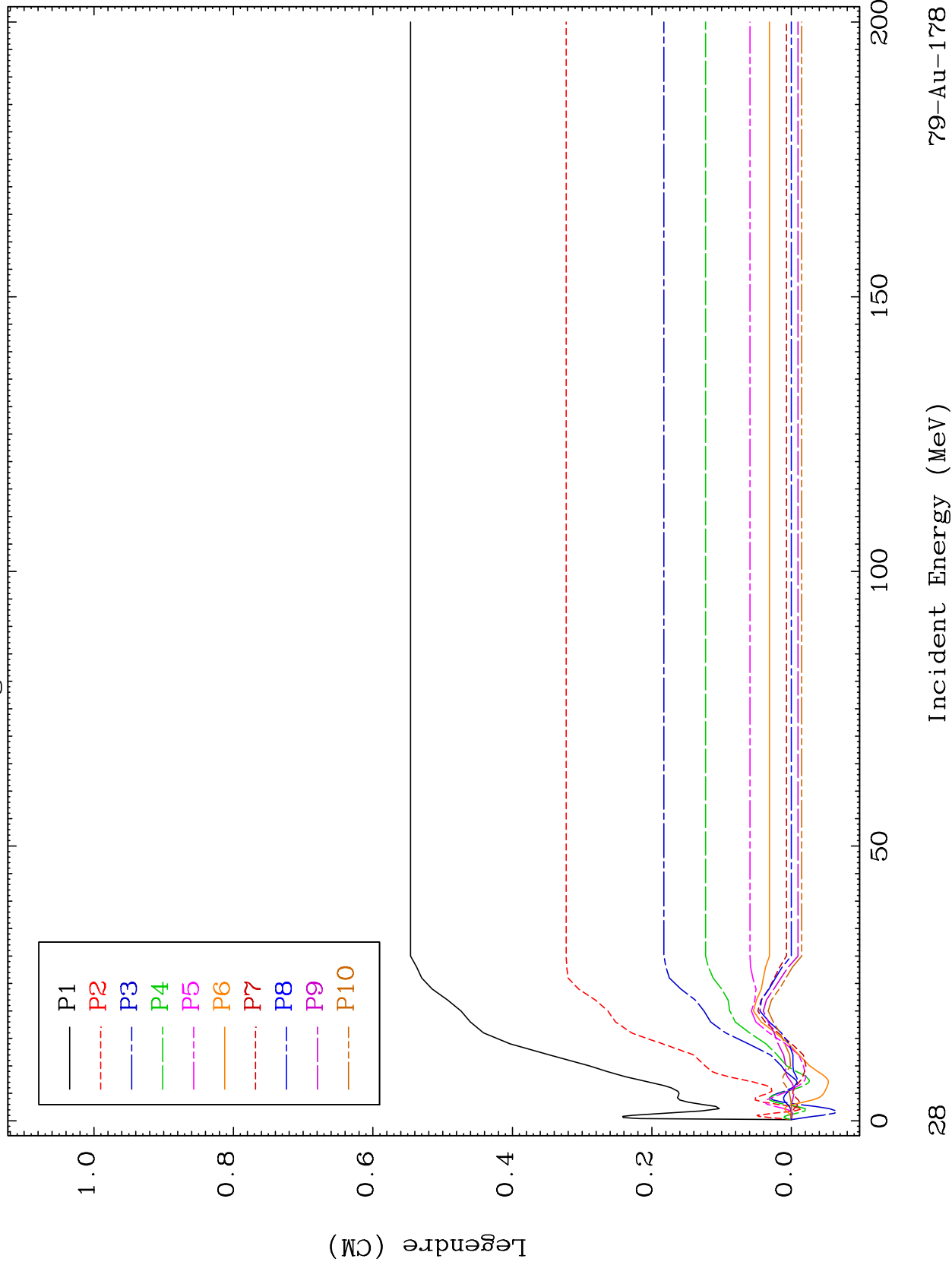
79-Au-178



MAT 7868

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

79-Au-178



79-Au-178

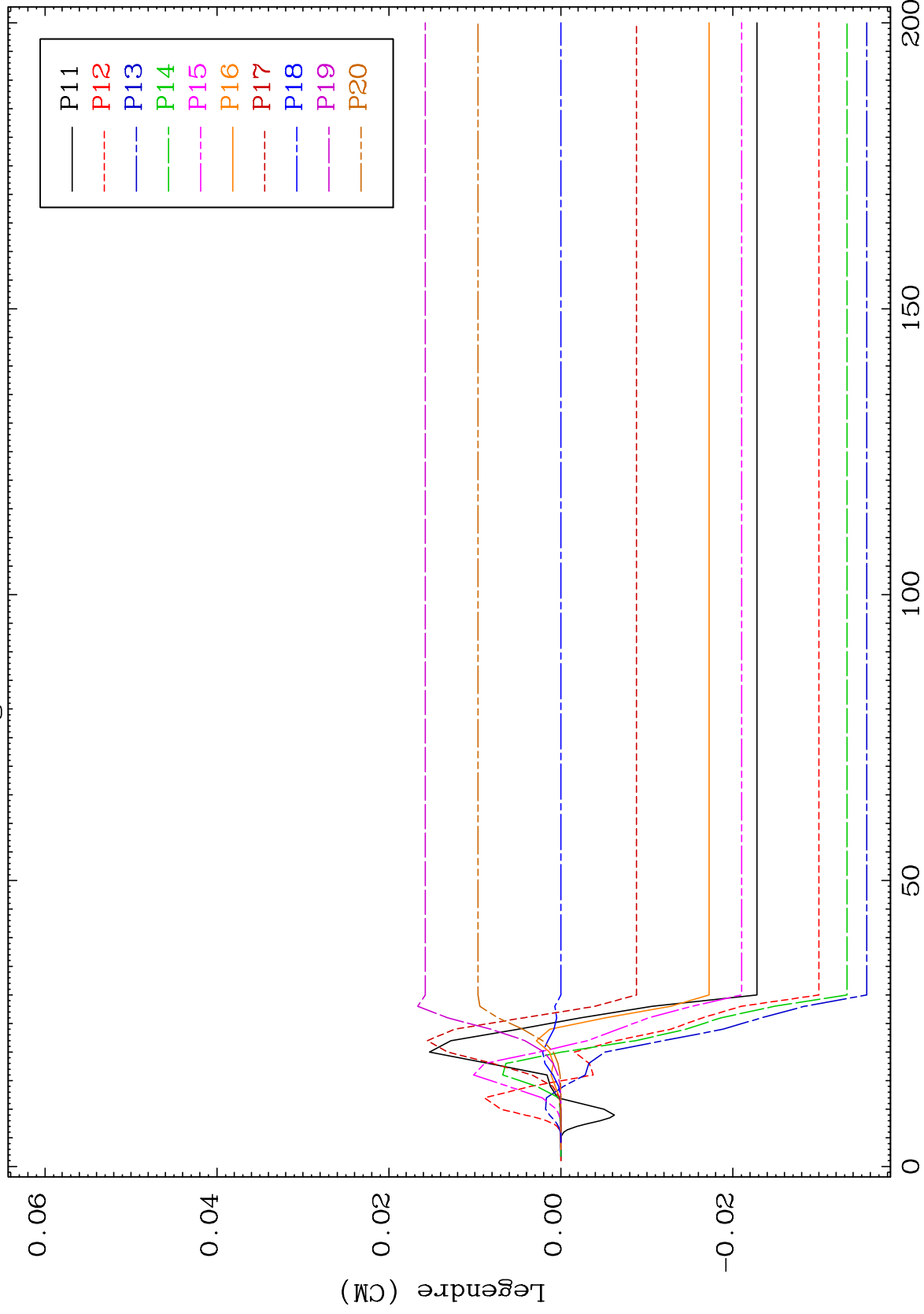
Incident Energy (MeV)

28

MAT 7868

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

79-Au-178



29

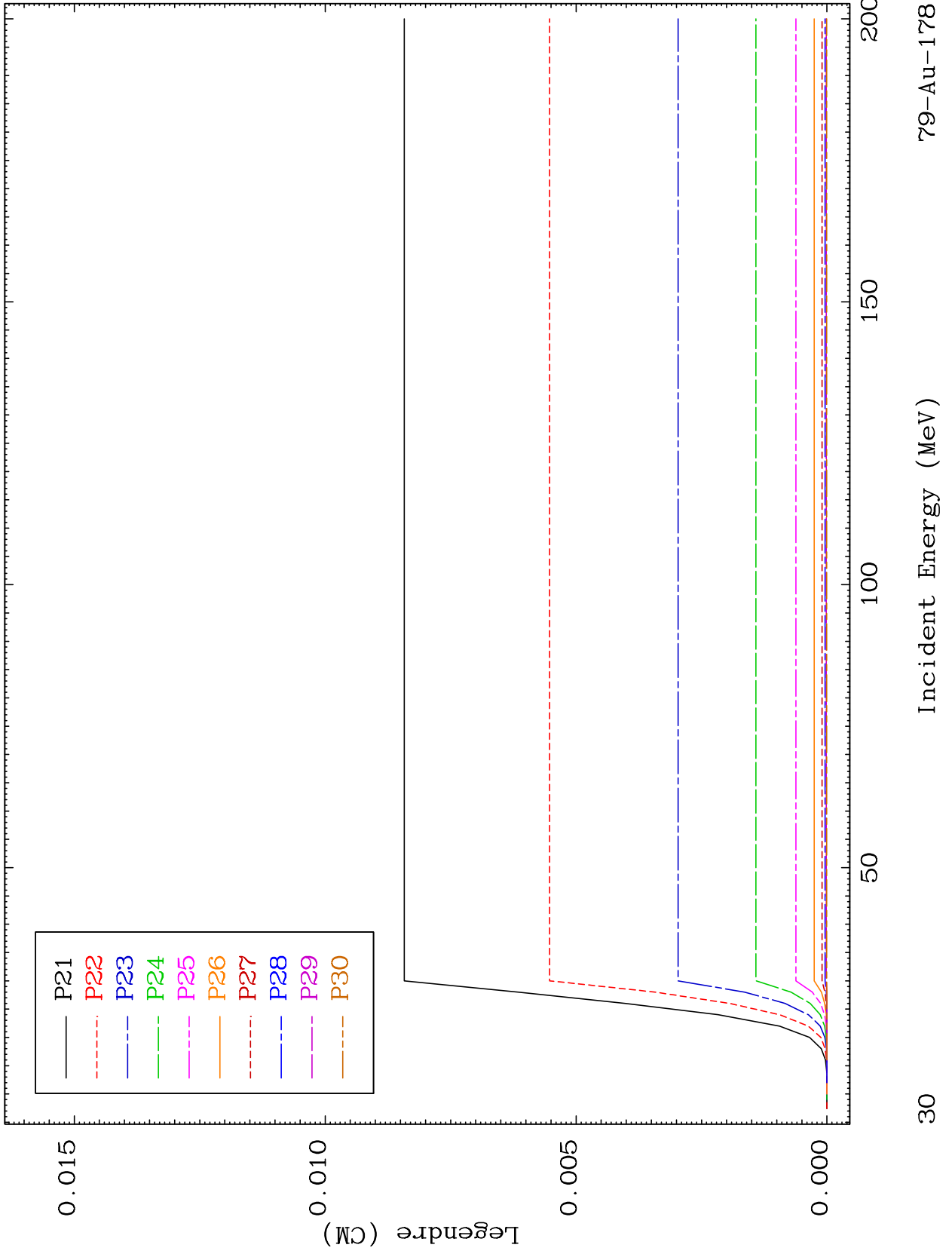
Incident Energy (MeV)

79-Au-178

MAT 7868

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

79-Au-178



30

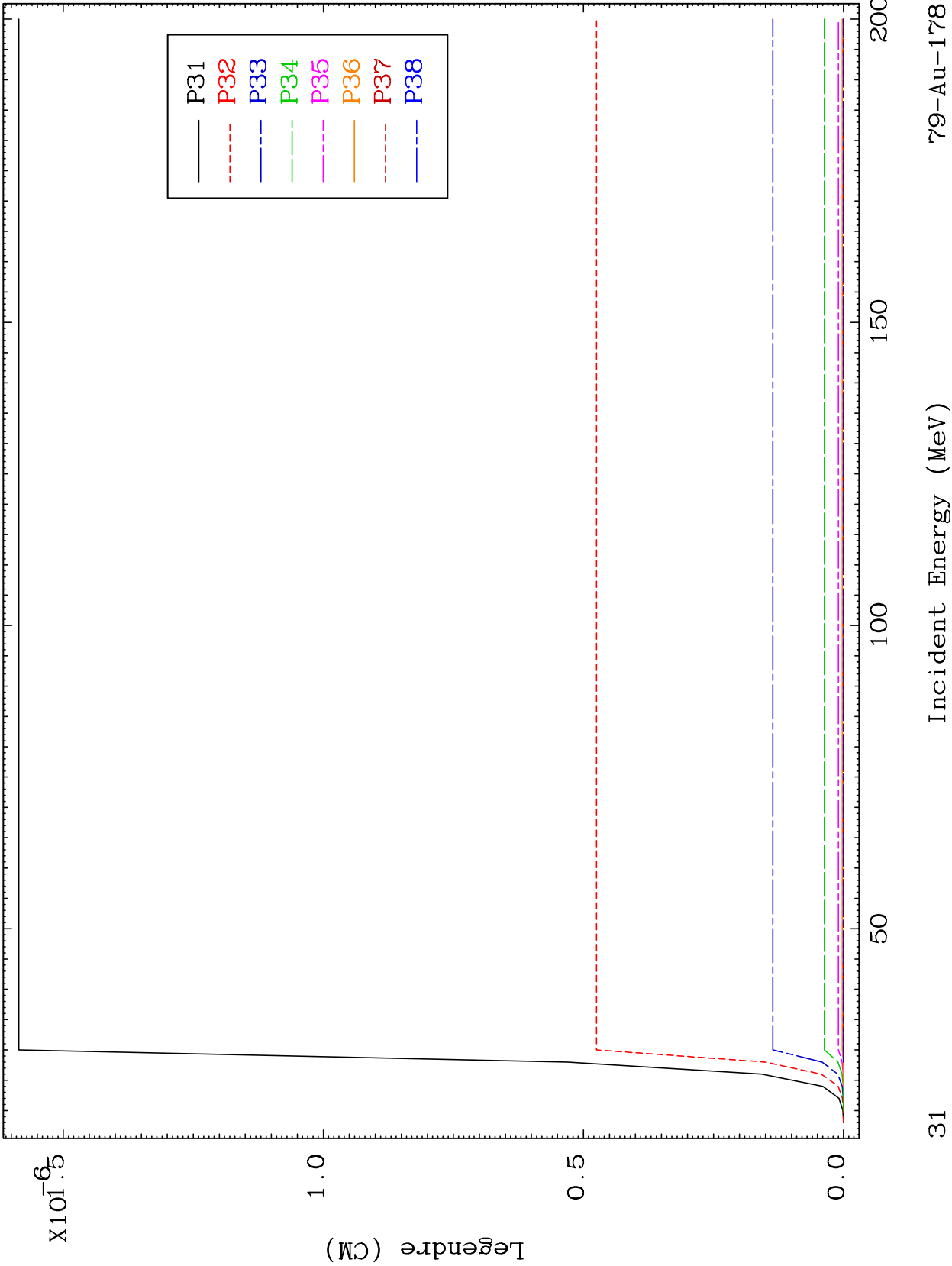
Incident Energy (MeV)

79-Au-178

MAT 7868

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

79-Au-178



31

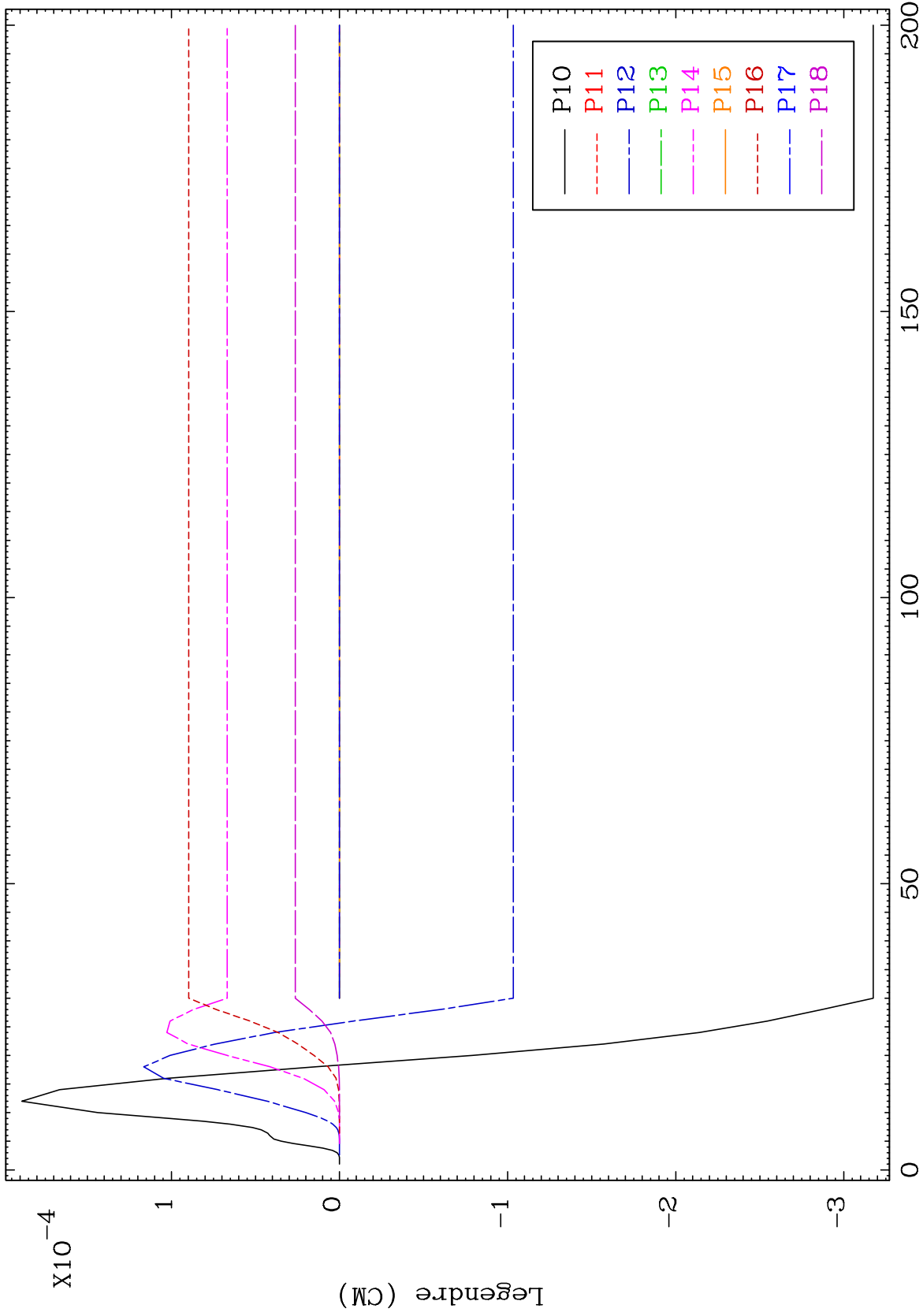
Incident Energy (MeV)

79-Au-178

MAT 7868

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

79-Au-178



33

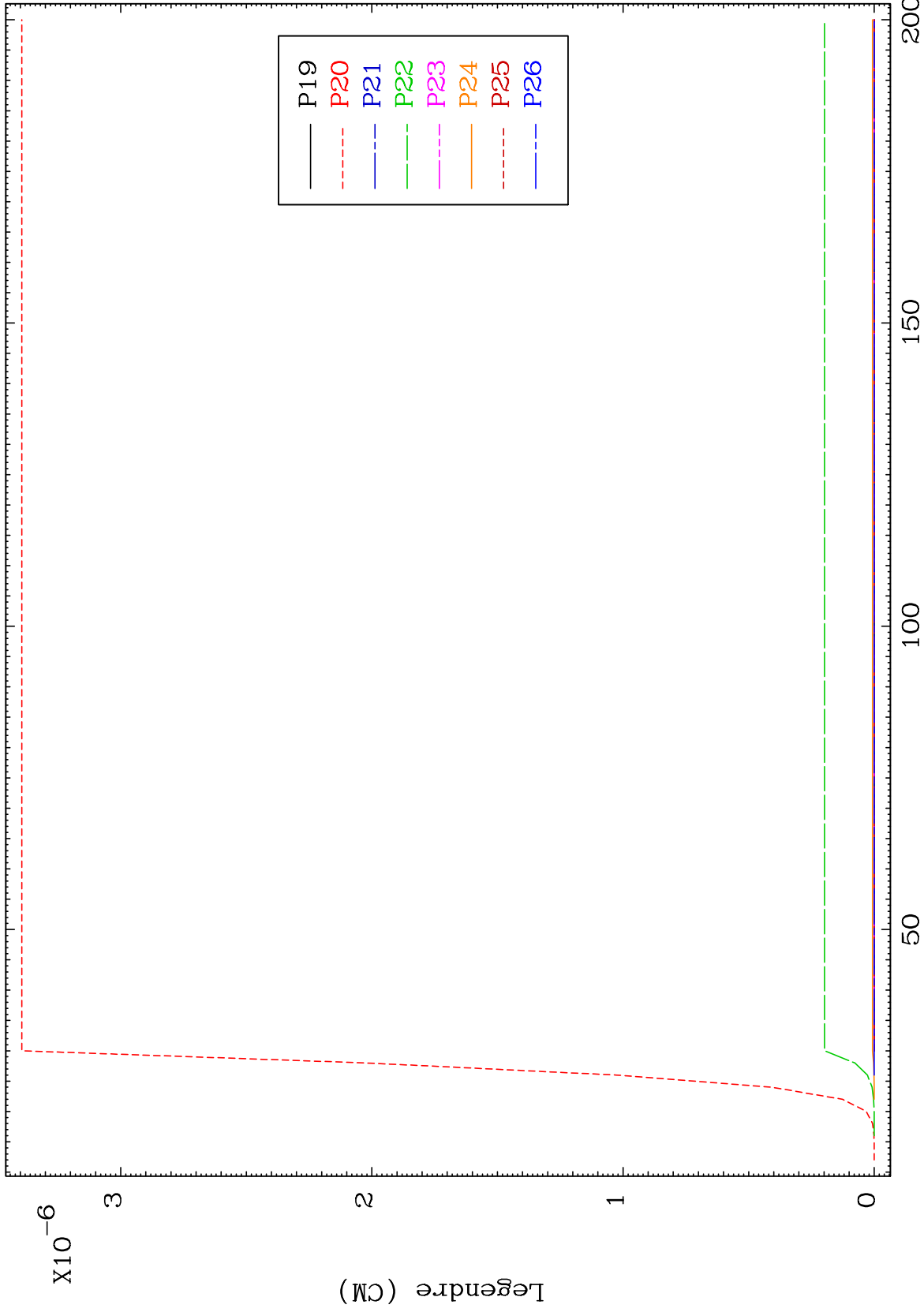
Incident Energy (MeV)

79-Au-178

MAT 7868

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

79-Au-178



34

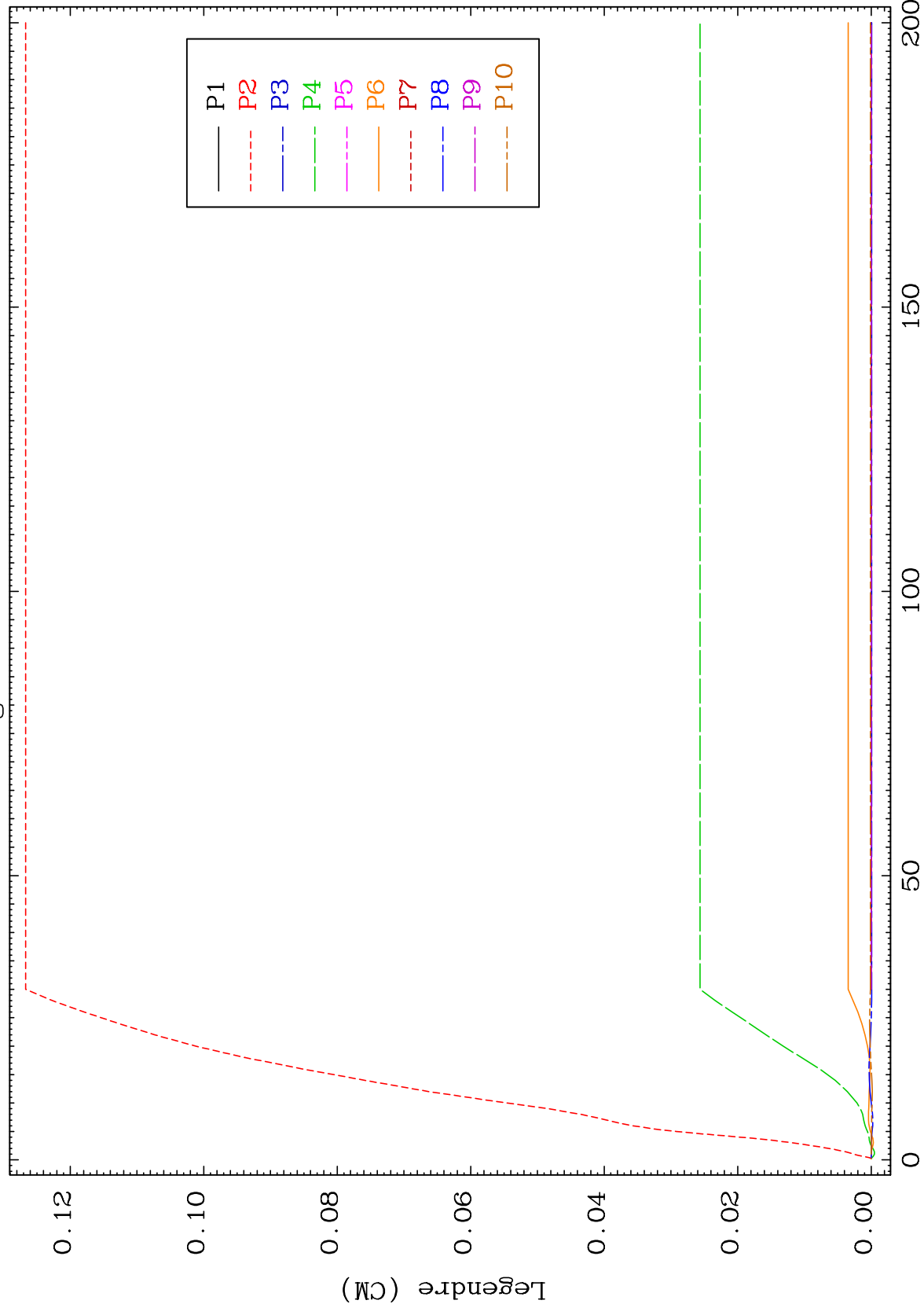
Incident Energy (MeV)

79-Au-178

MAT 7868

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

79-Au-178



79-Au-178

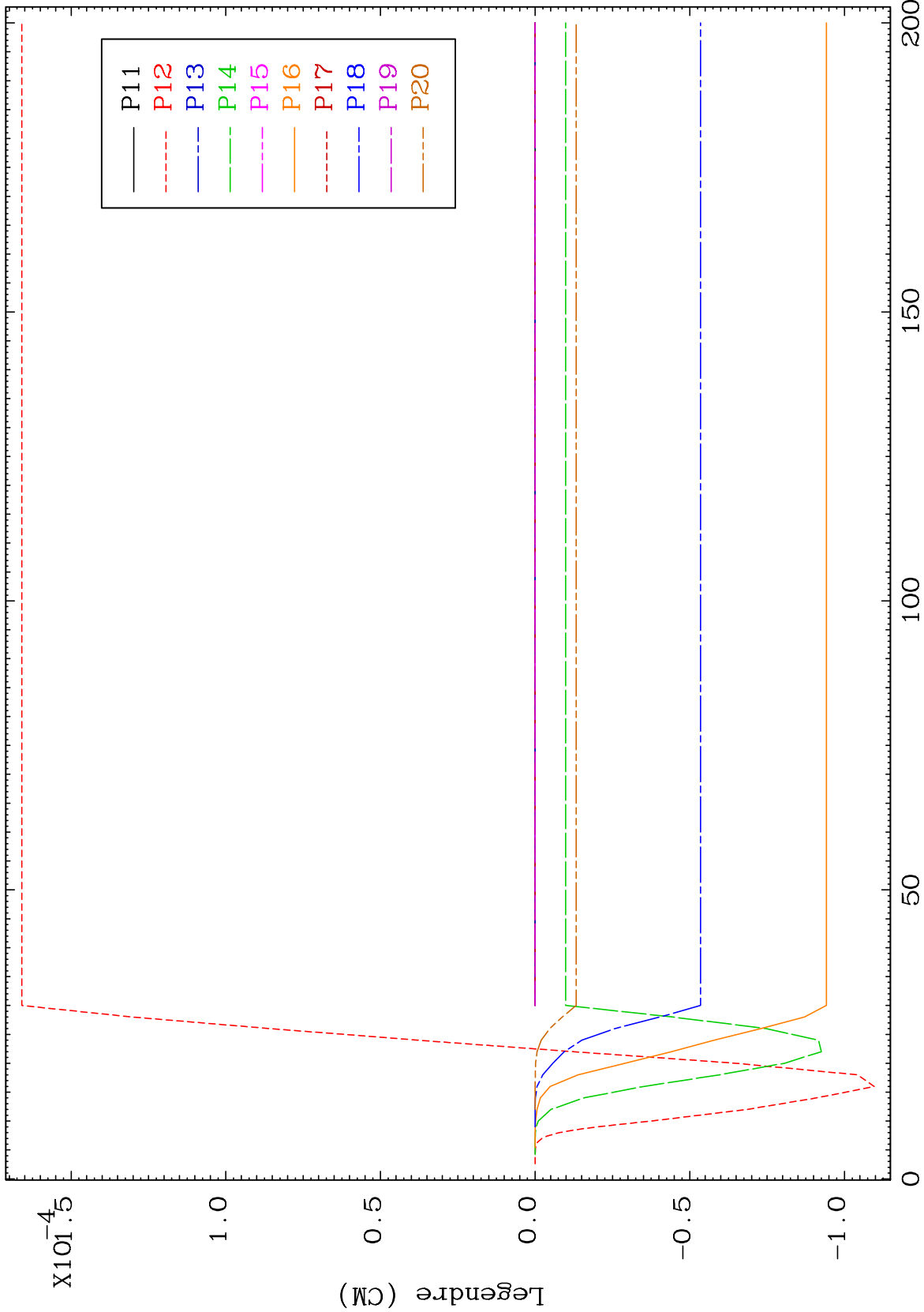
Incident Energy (MeV)

35

MAT 7868

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

79-Au-178



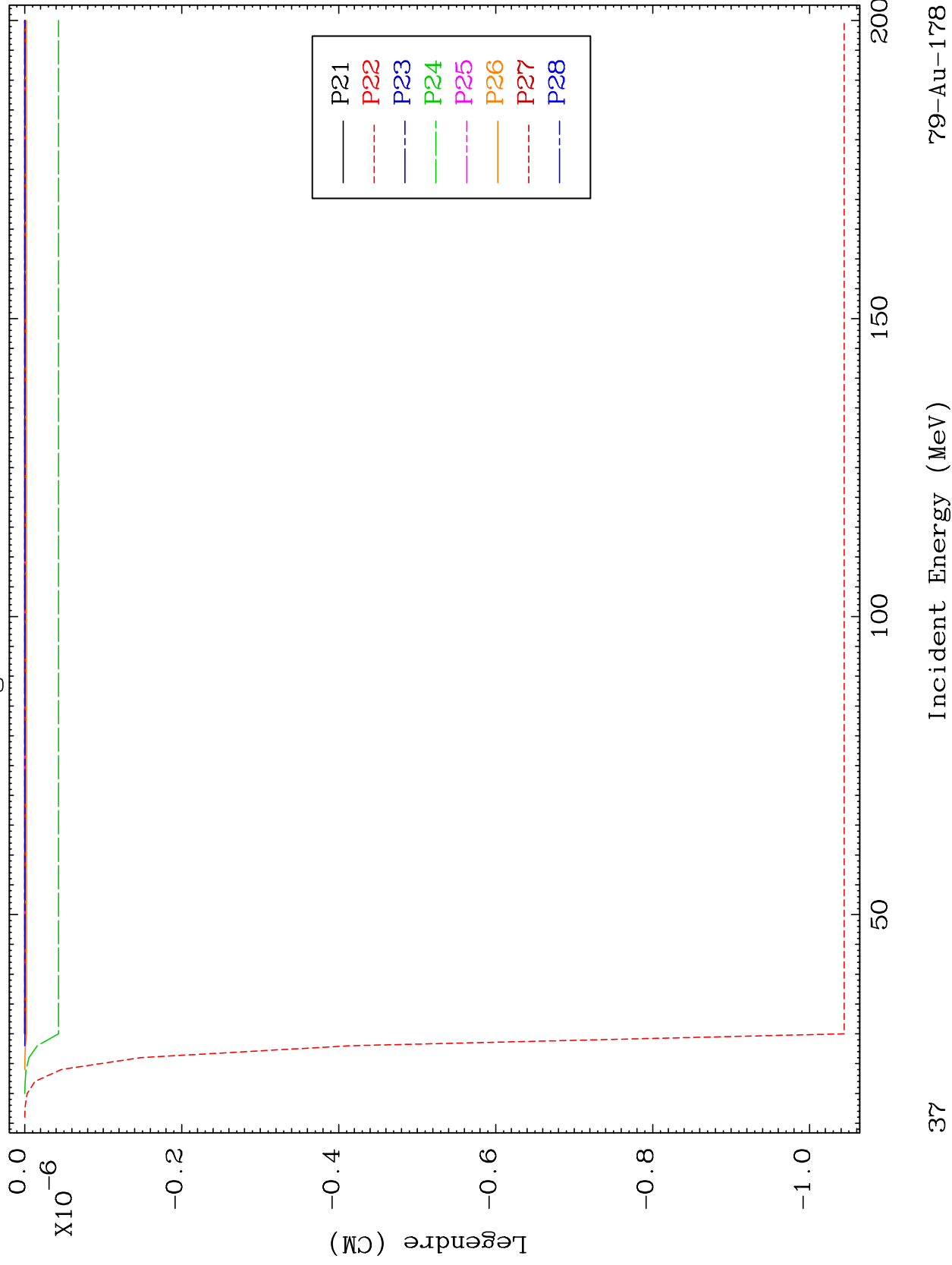
36

79-Au-178

MAT 7868

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

79-Au-178



37

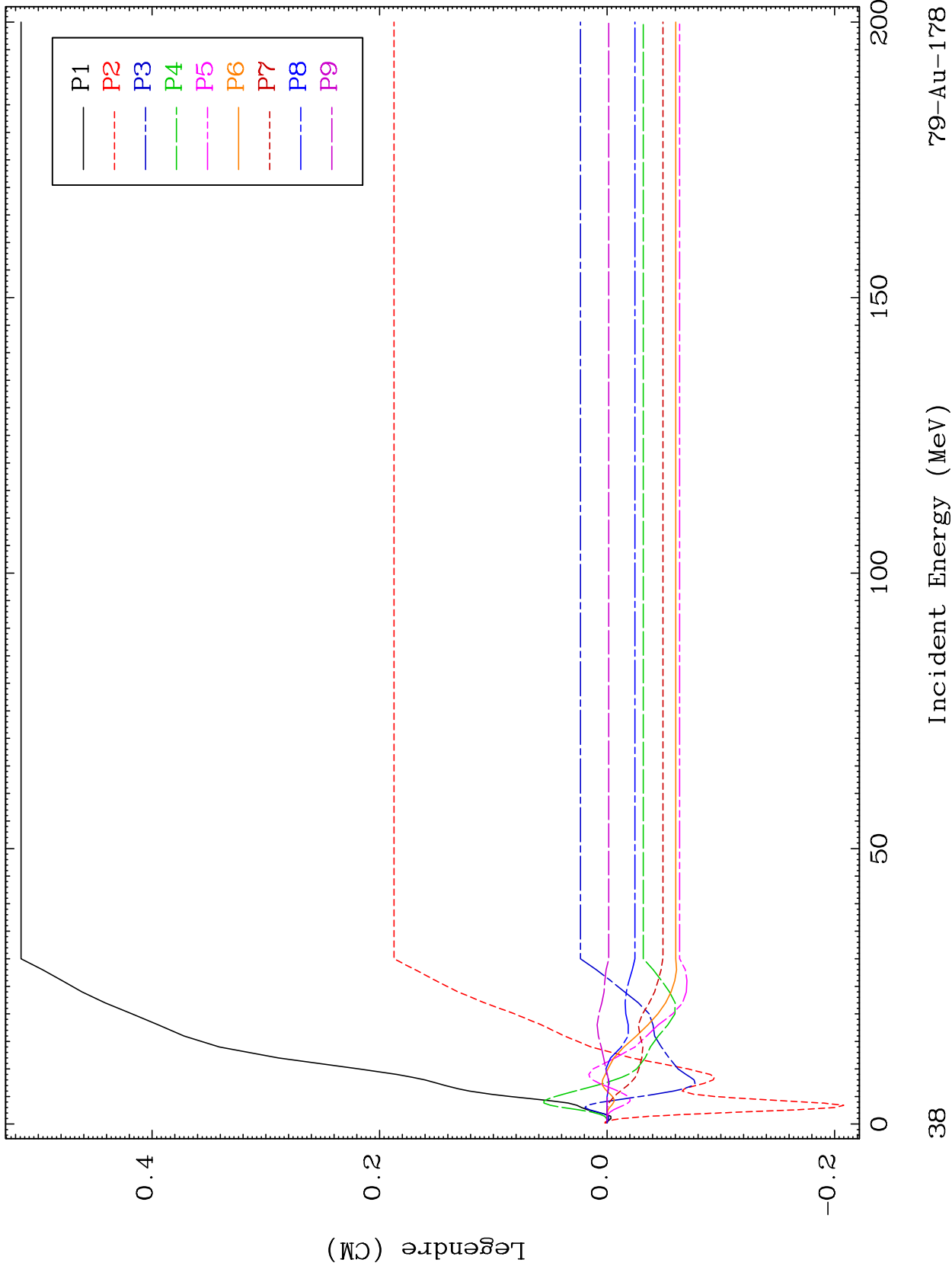
Incident Energy (MeV)

79-Au-178

MAT 7868

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

79-Au-178



79-Au-178

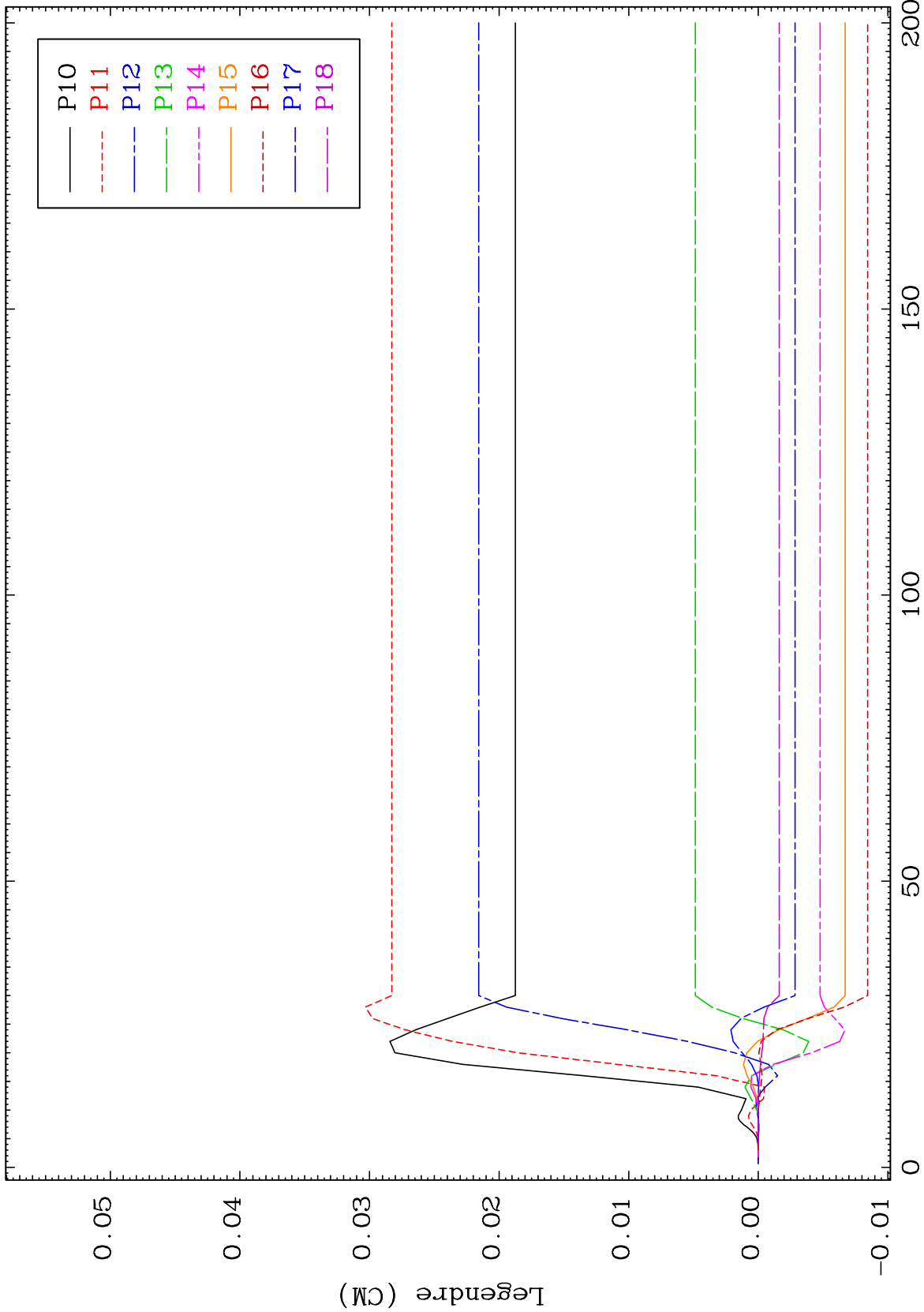
Incident Energy (MeV)

38

MAT 7868

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

79-Au-178



39

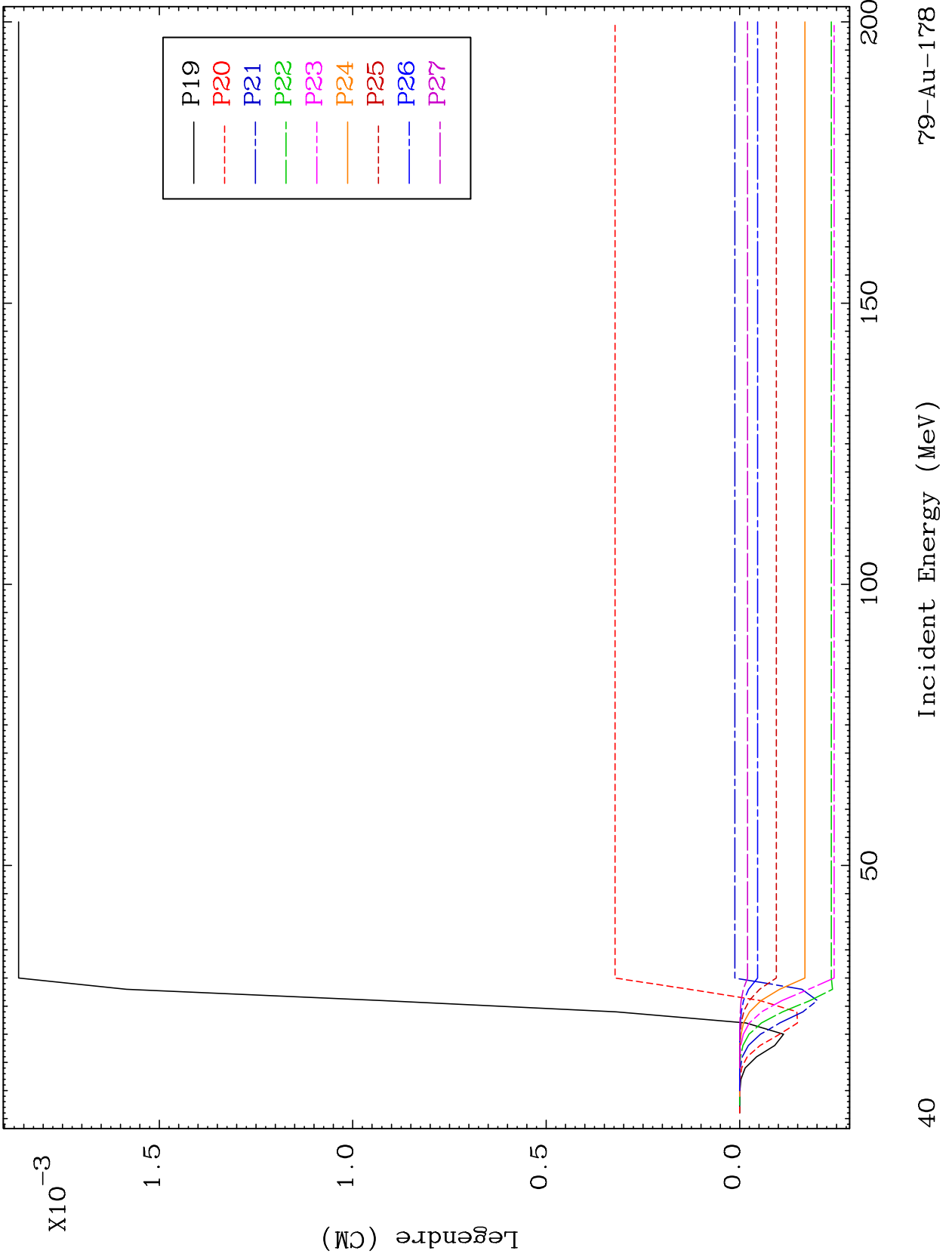
Incident Energy (MeV)

79-Au-178

MAT 7868

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

79-Au-178



79-Au-178

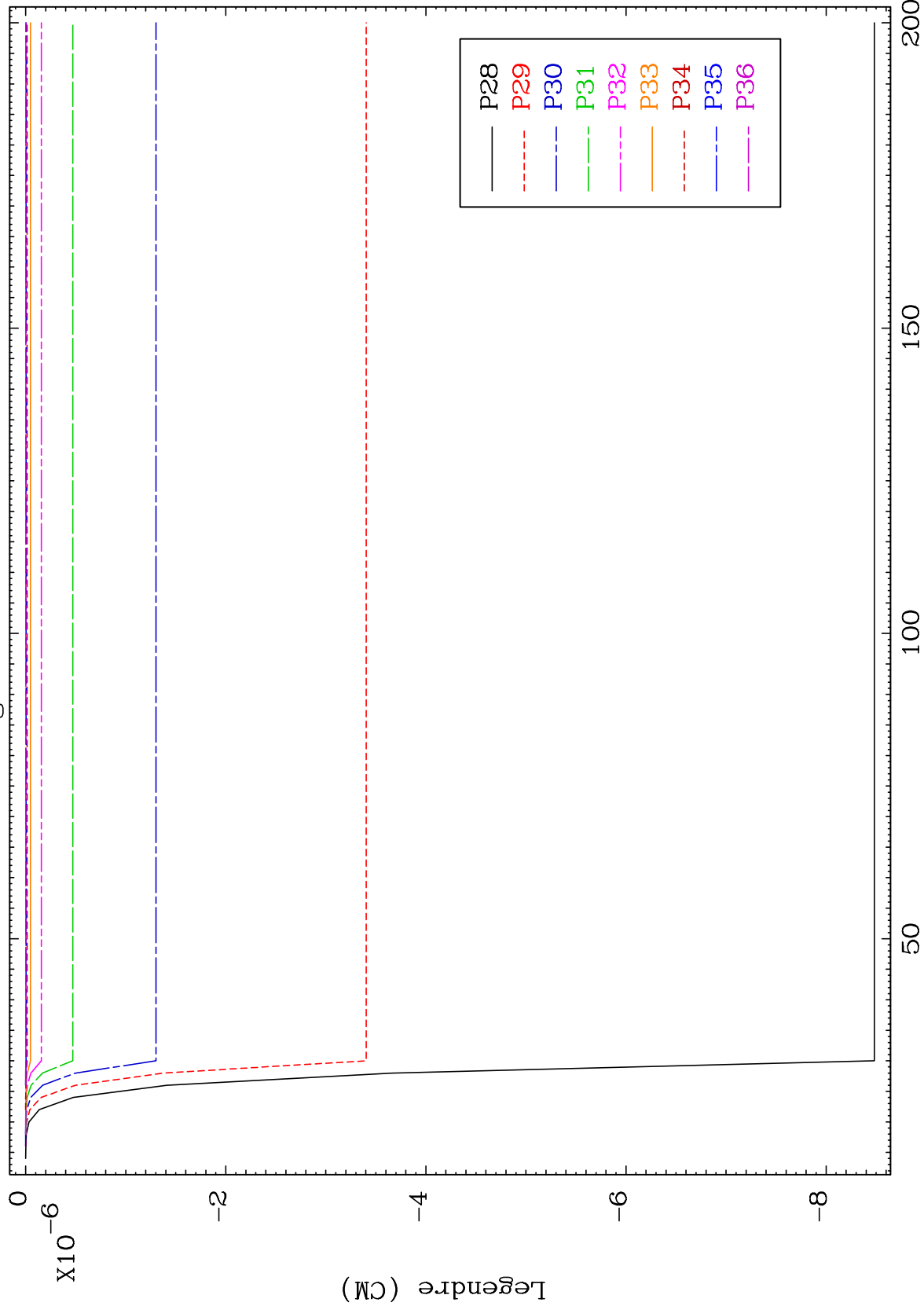
Incident Energy (MeV)

40

MAT 7868

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

79-Au-178

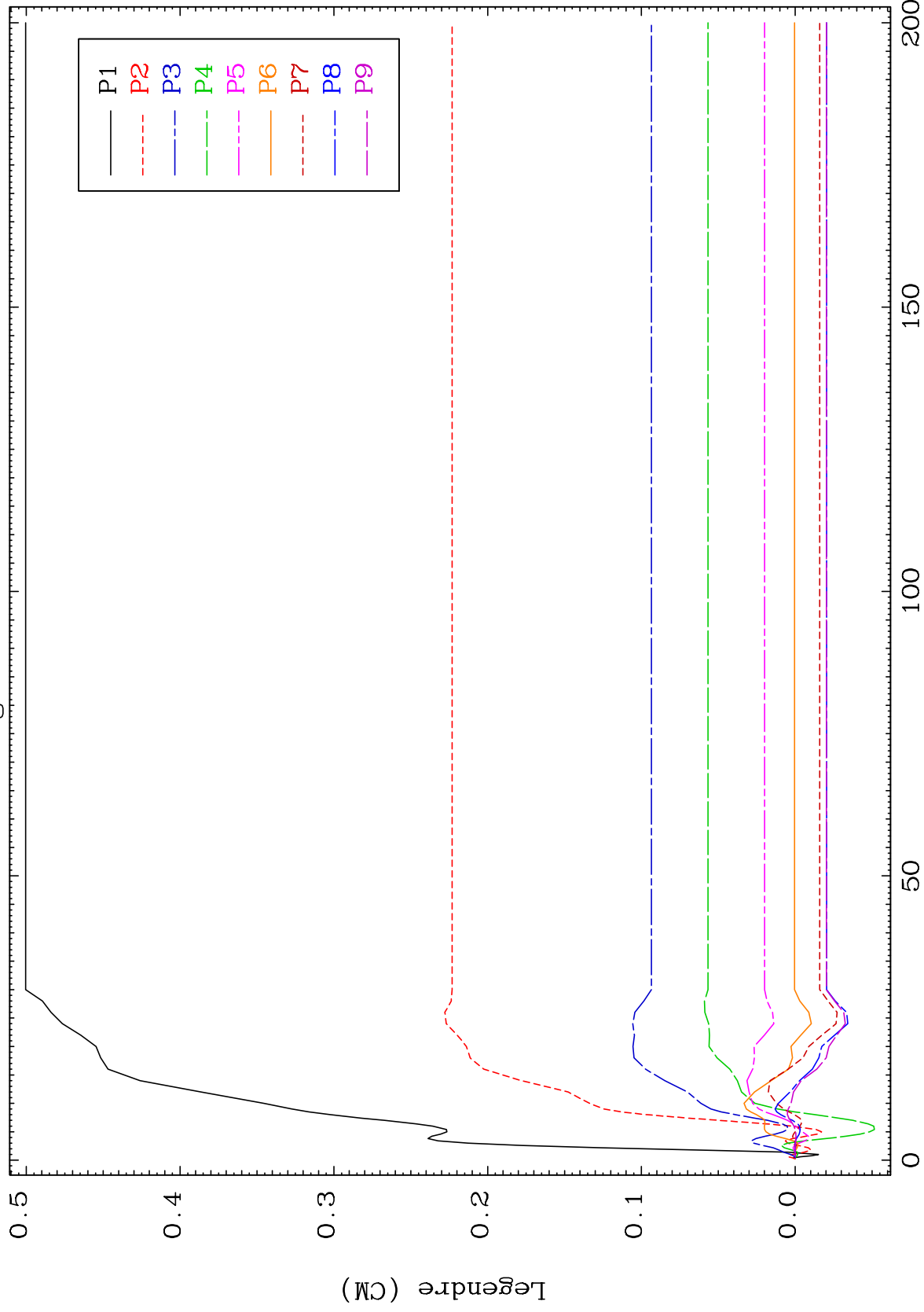


MAT 7868

MT= 57 (n,n') Level

79-Au-178

Legendre Coefficients



42

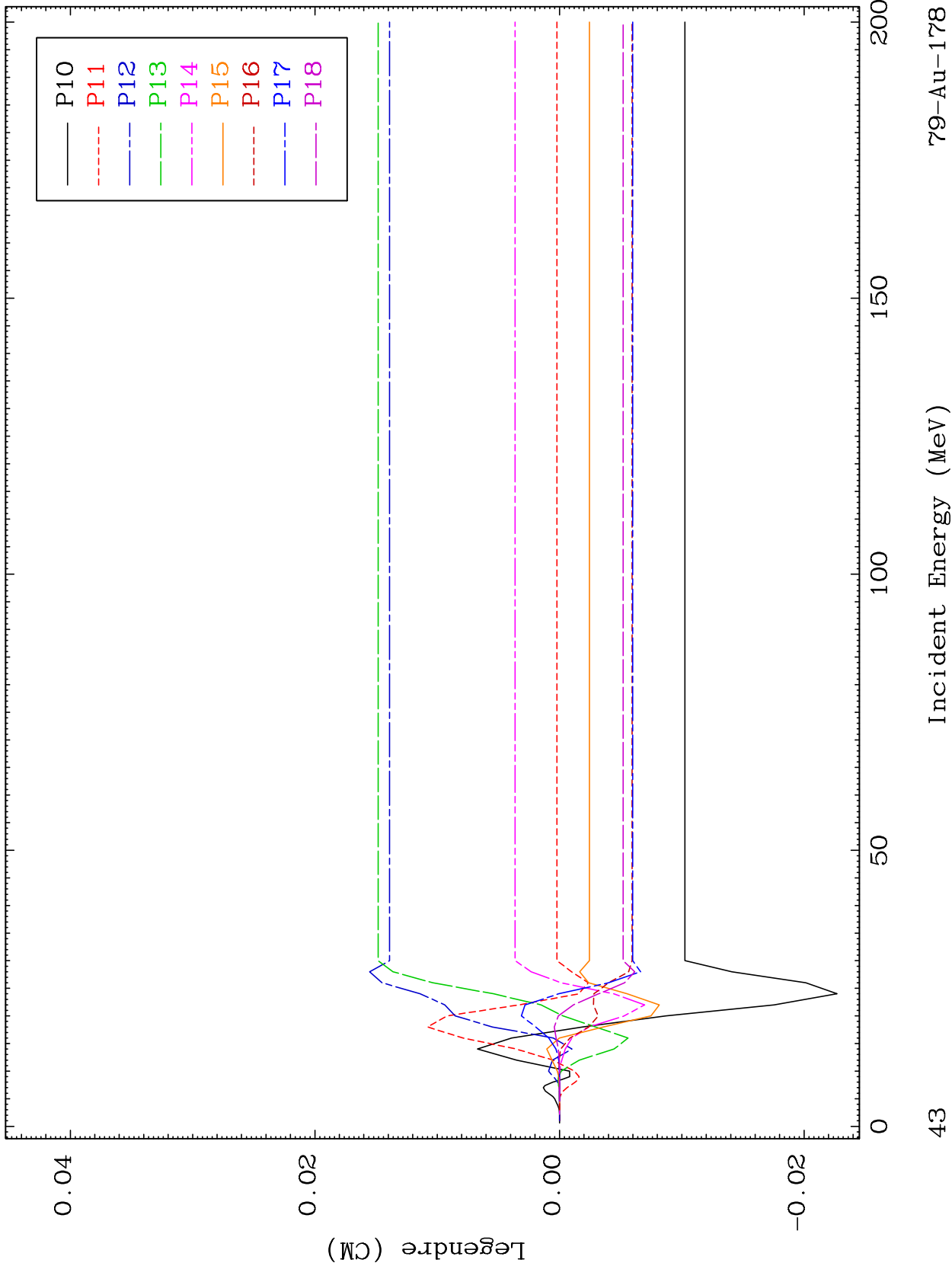
Incident Energy (MeV)

79-Au-178

MAT 7868

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

79-Au-178



79-Au-178

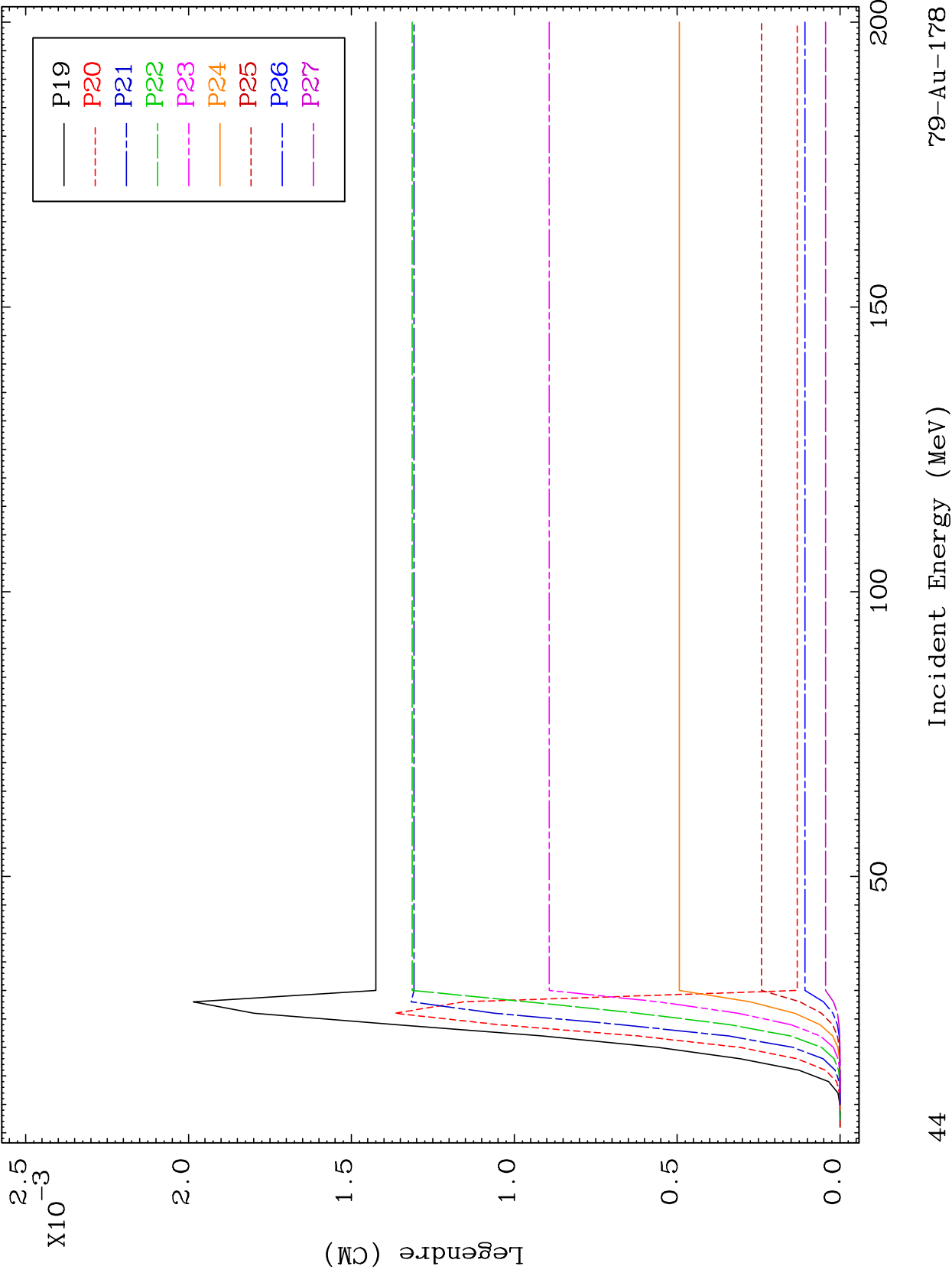
Incident Energy (MeV)

43

MAT 7868

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

79-Au-178



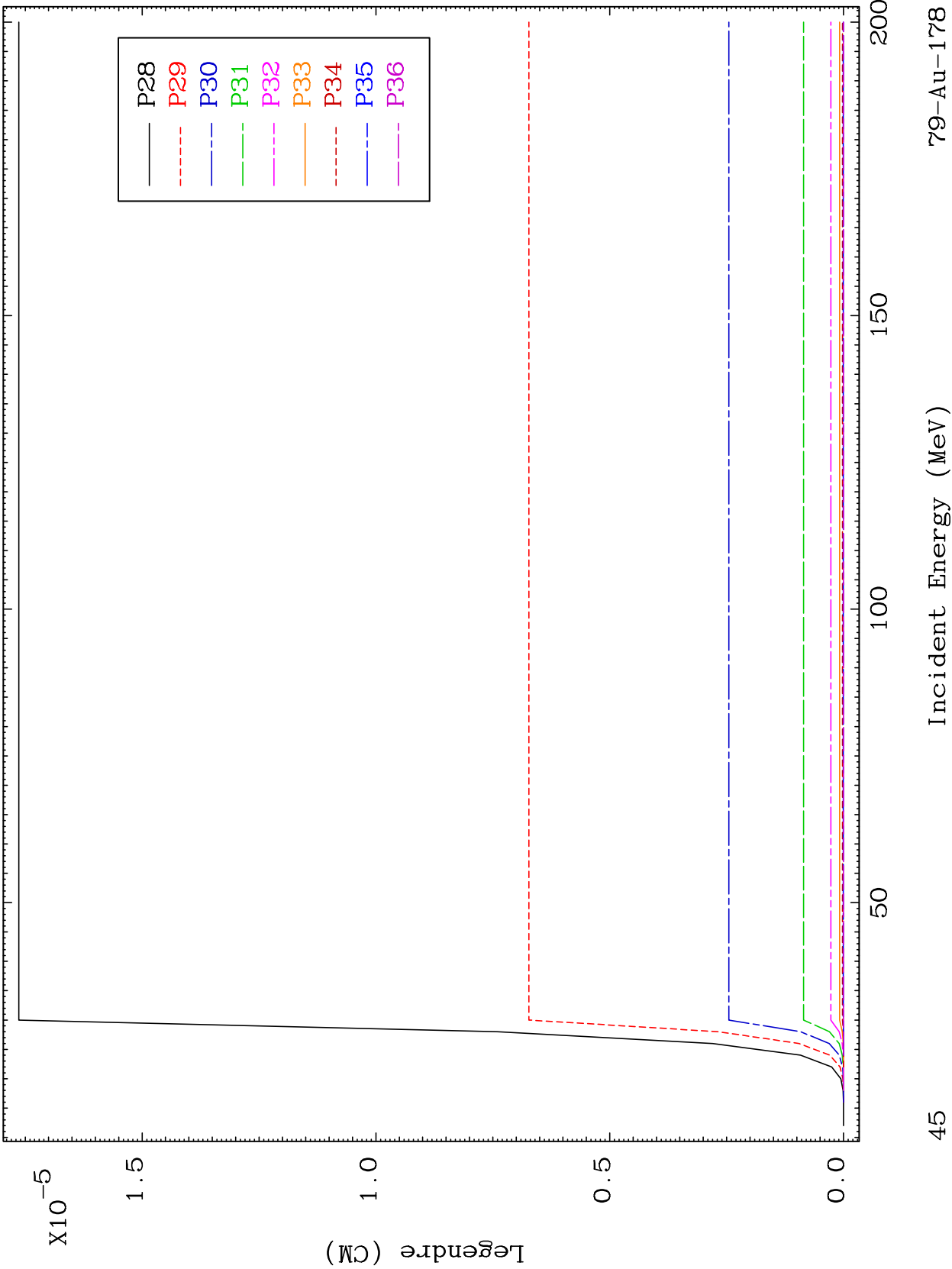
44

79-Au-178

MAT 7868

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

79-Au-178



79-Au-178

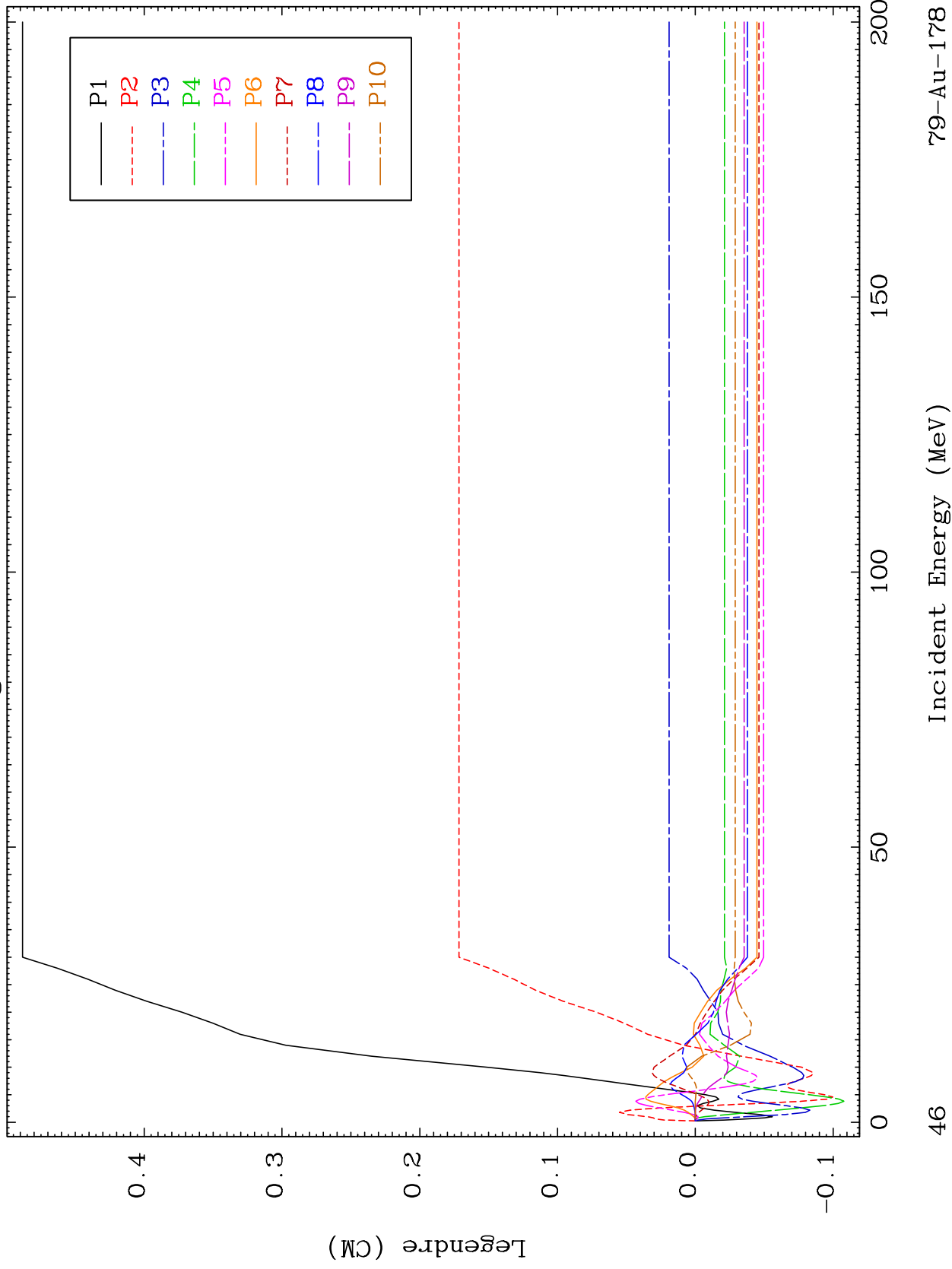
Incident Energy (MeV)

45

MAT 7868

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

79-Au-178



79-Au-178

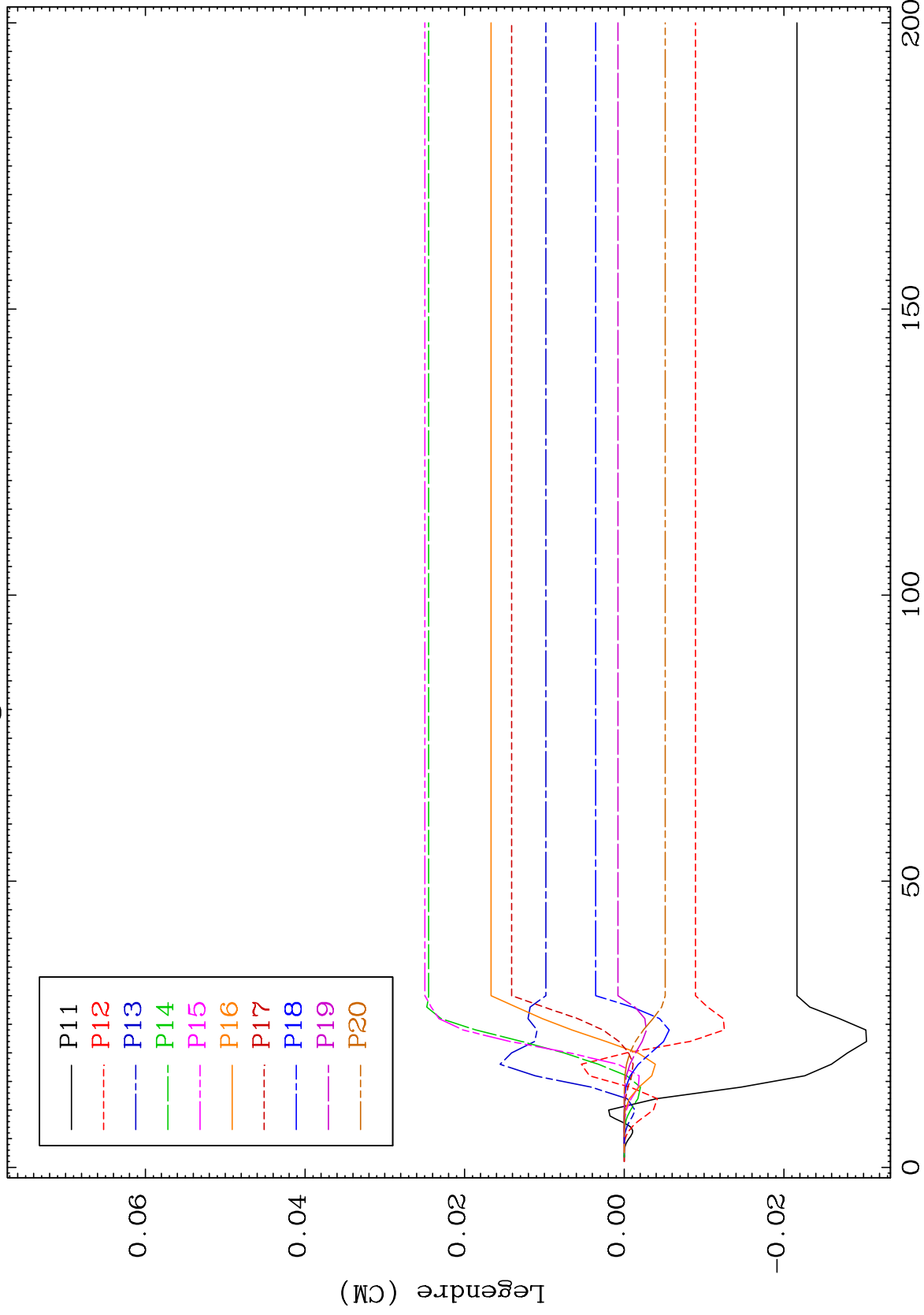
Incident Energy (MeV)

46

MAT 7868

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

79-Au-178



47

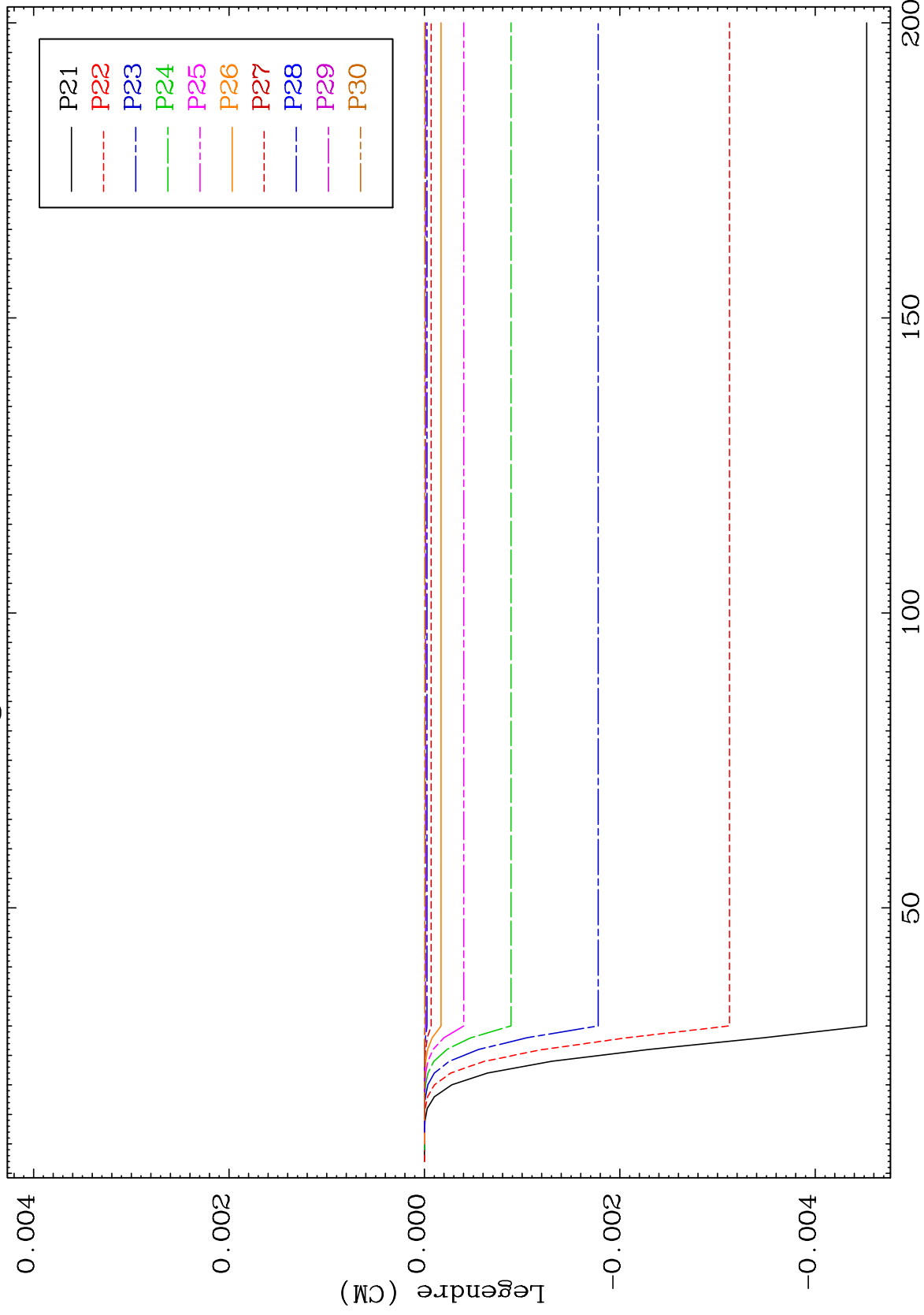
Incident Energy (MeV)

79-Au-178

MAT 7868

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

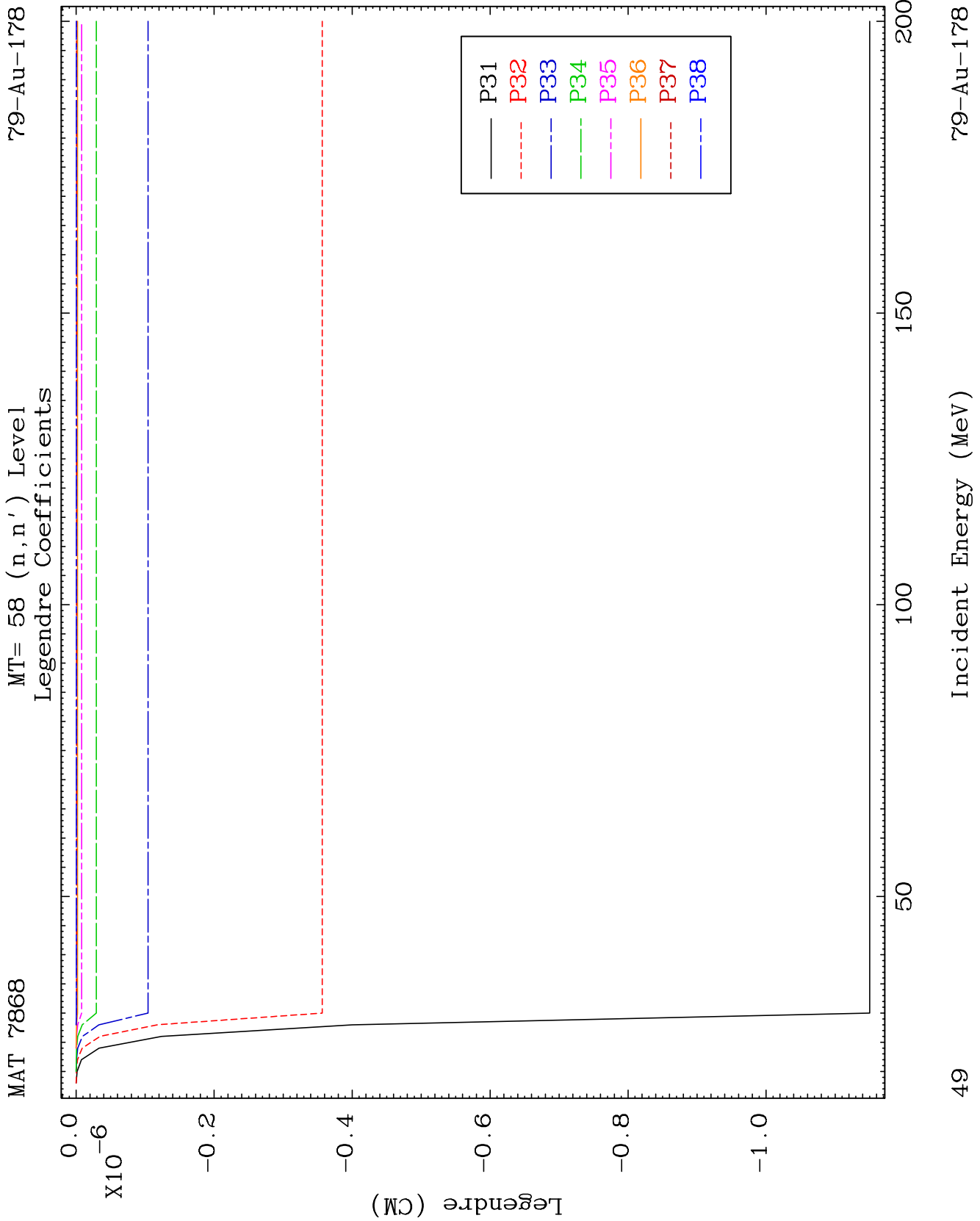
79-Au-178



48

Incident Energy (MeV)

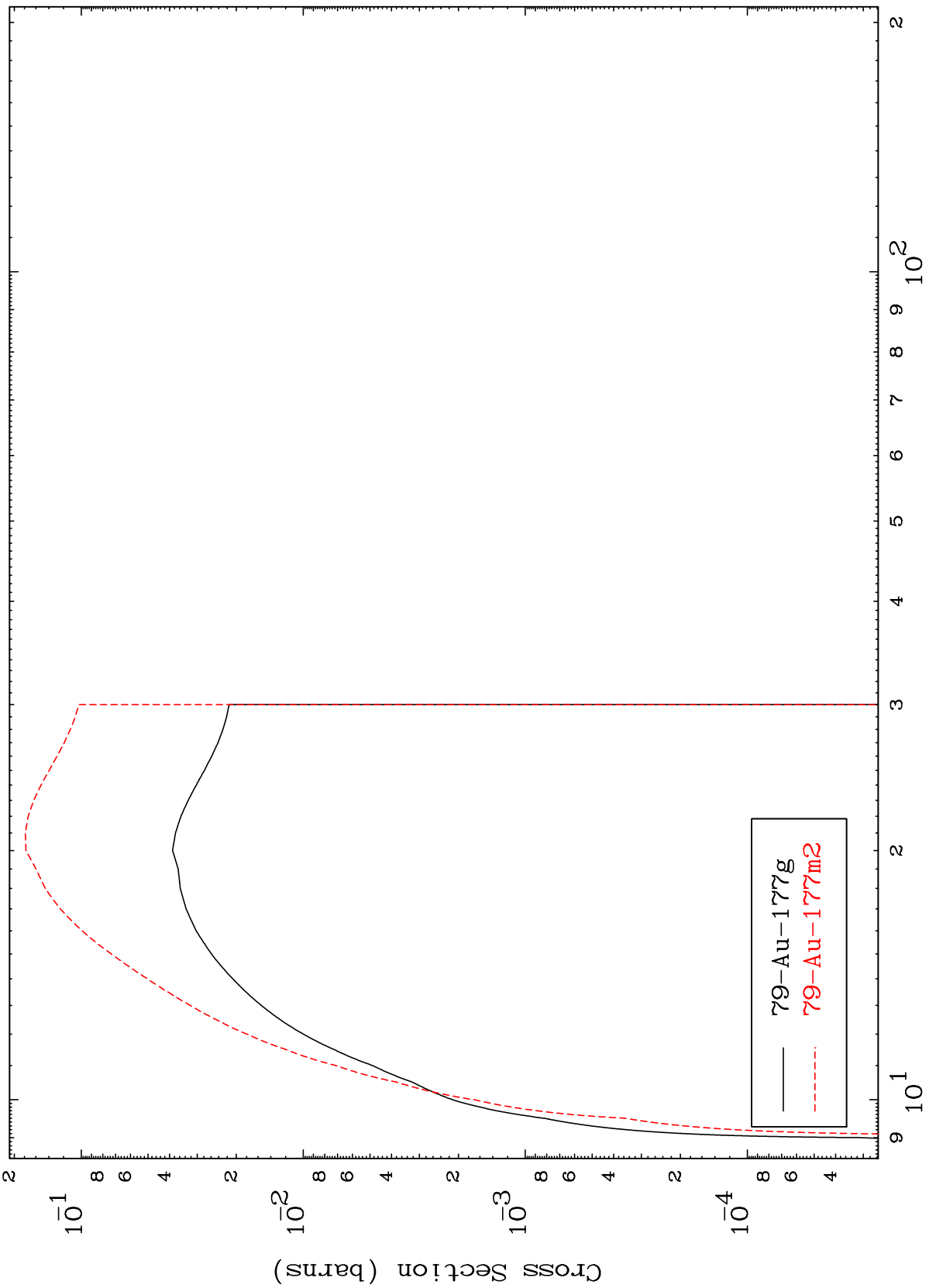
79-Au-178



MAT 7868

⁷⁹Au-178

Radionuclide Production Cross Section
(n,2n)



— ⁷⁹Au-177g
- - - ⁷⁹Au-177m2

⁷⁹Au-178

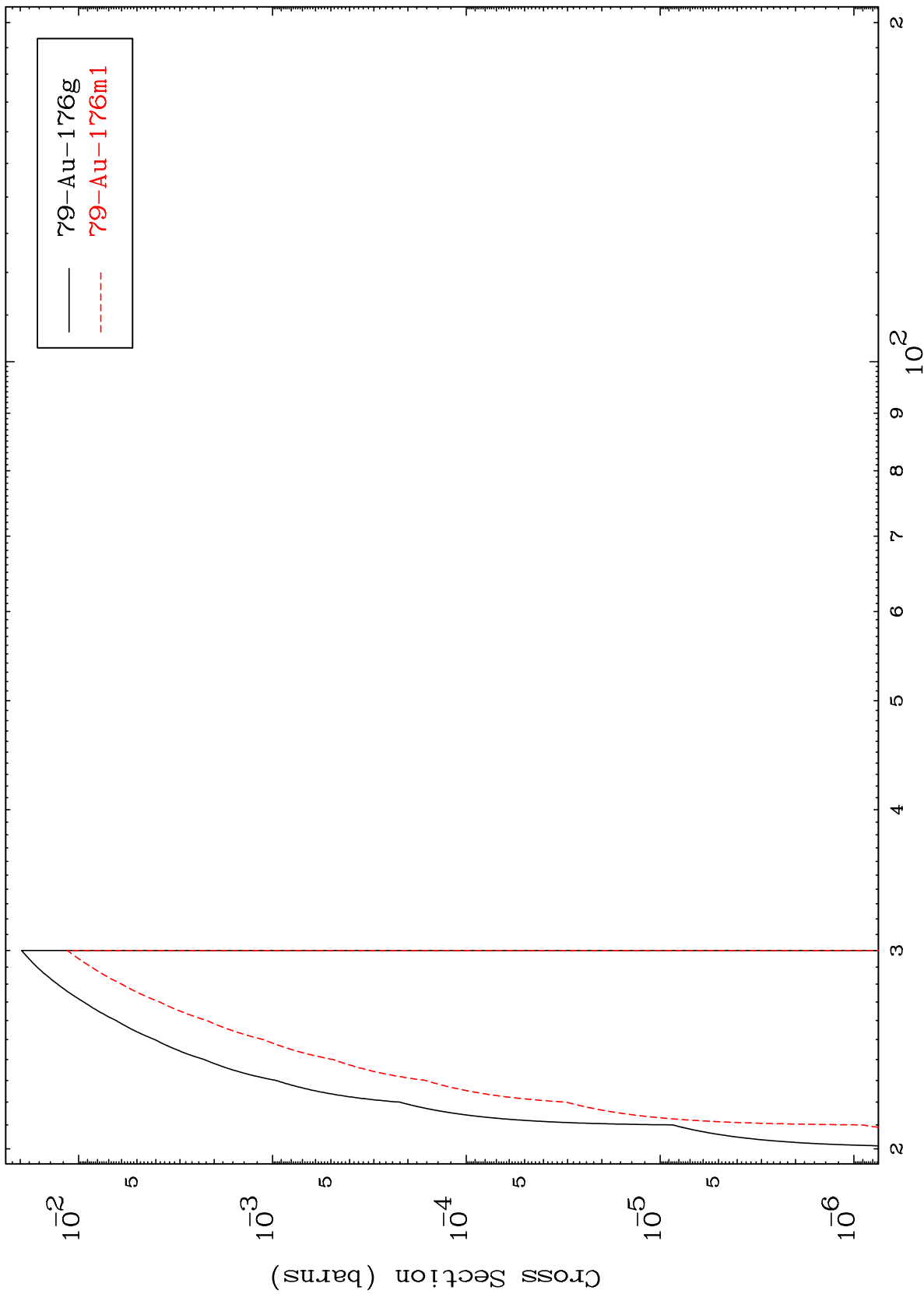
Incident Energy (MeV)

50

MAT 7868

79-Au-178

(n,3n)
Radionuclide Production Cross Section



79-Au-178

Incident Energy (MeV)

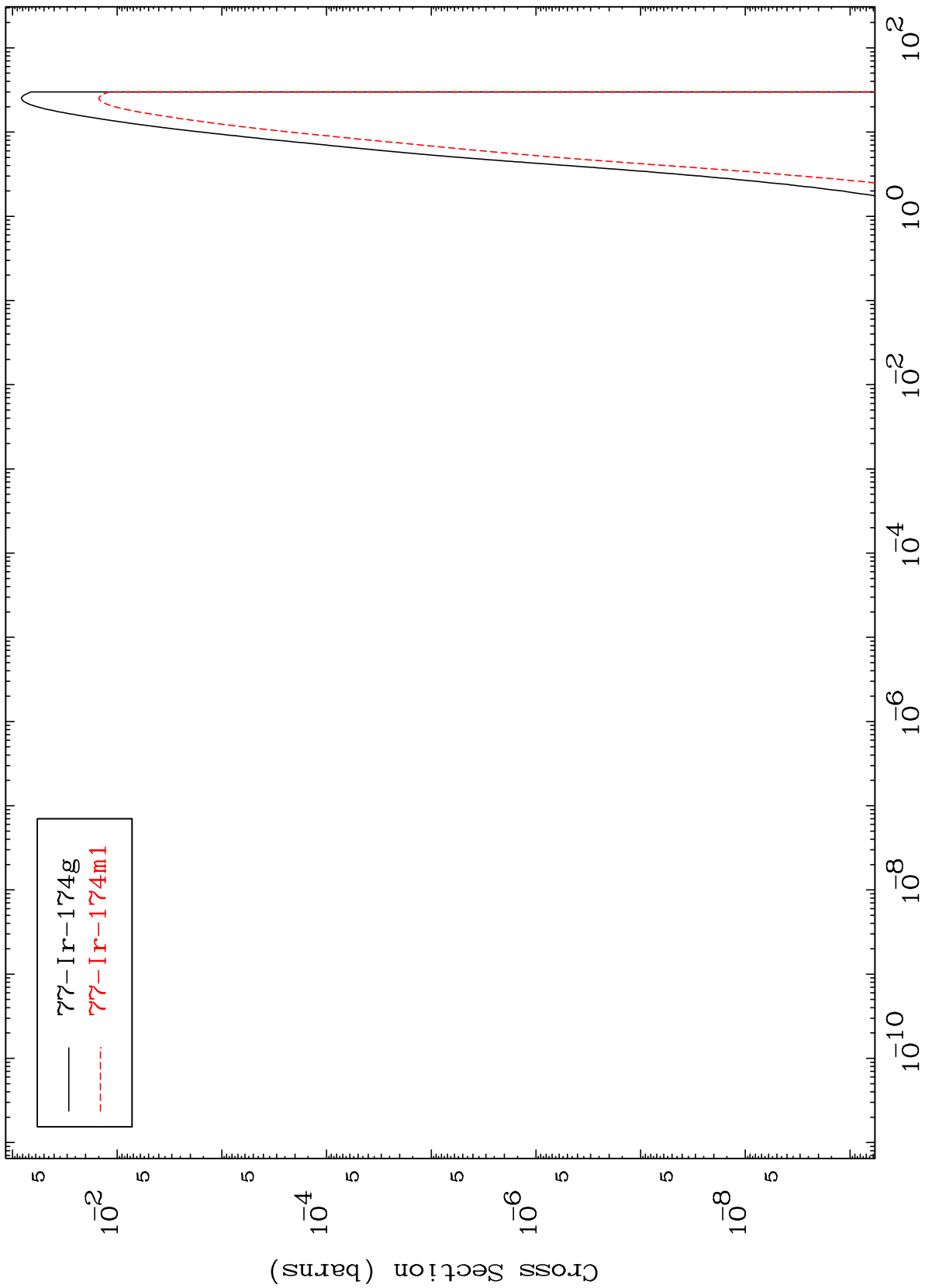
51

MAT 7868

$(n, n') \alpha$

$^{79}\text{Au-178}$

Radionuclide Production Cross Section

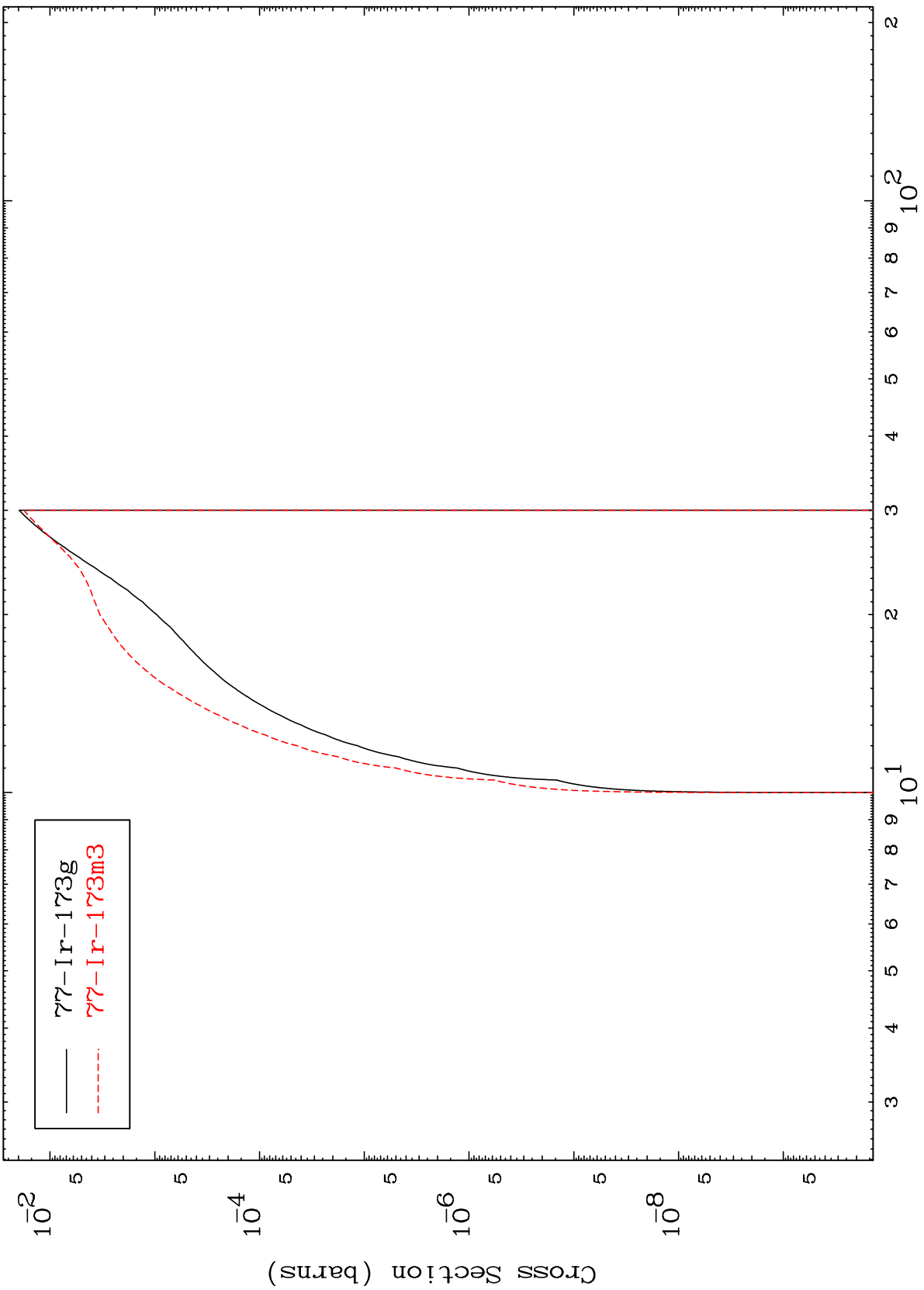


MAT 7868

(n,2n) α

79-Au-178

Radionuclide Production Cross Section

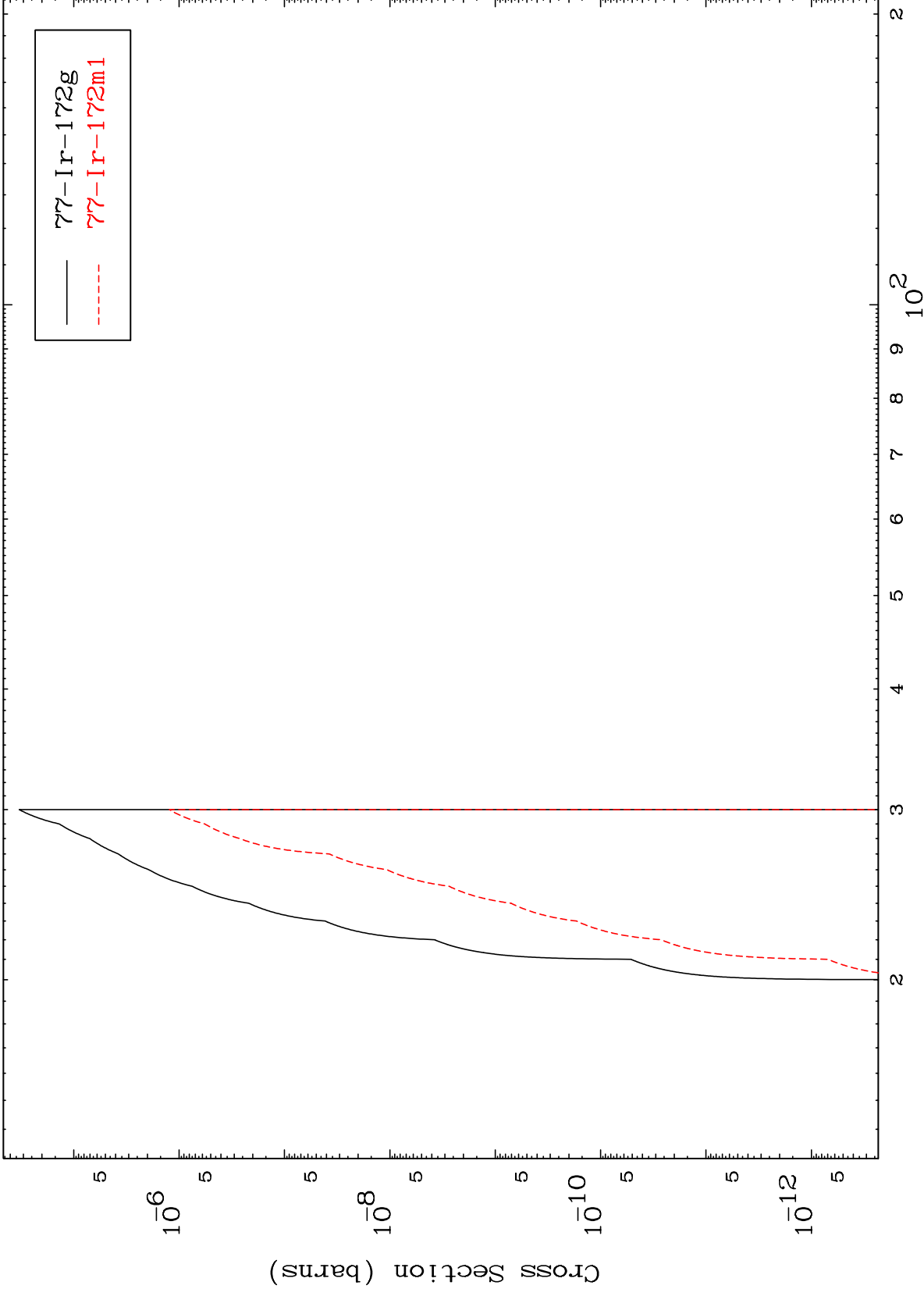


Incident Energy (MeV)

79-Au-178

53

Radionuclide Production Cross Section

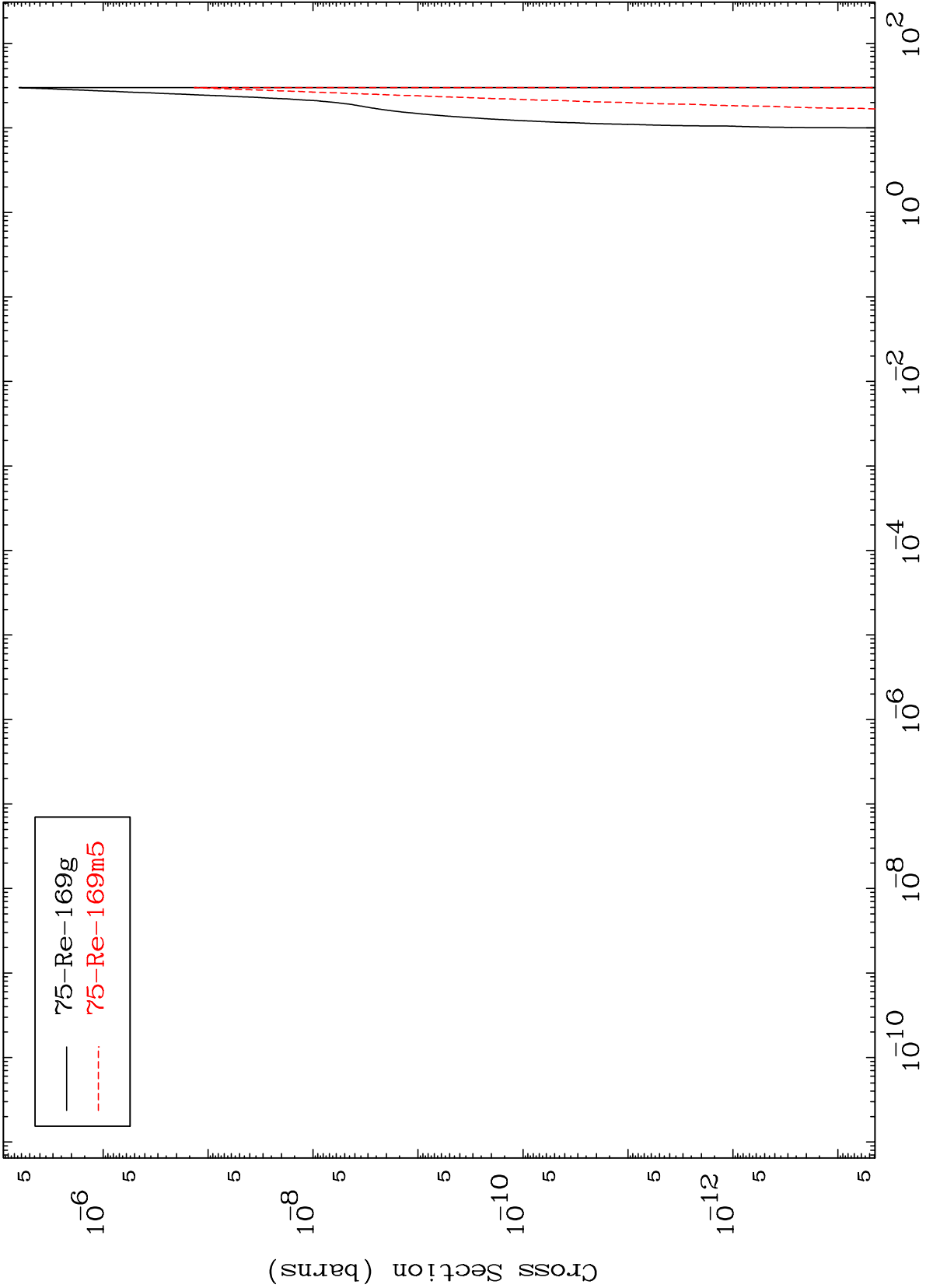


MAT 7868

$(n,2n) 2\alpha$

$^{79}\text{Au-178}$

Radionuclide Production Cross Section



55

Incident Energy (MeV)

$^{79}\text{Au-178}$