

Program EVALPLOT  
(Version 2021-1)

by

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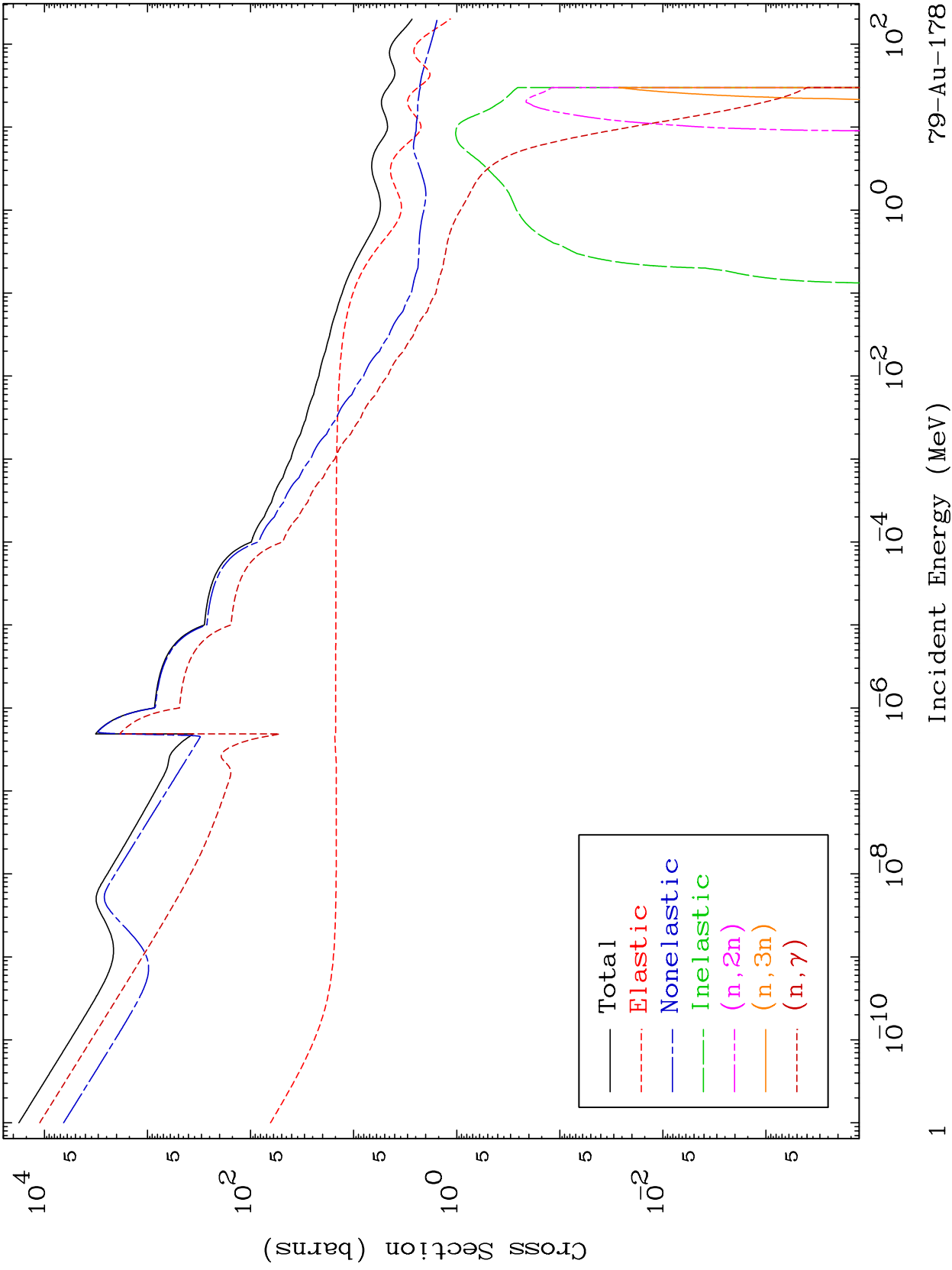
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Press Mouse Button to Start

MAT 7868

Neutron Major  
293 Kelvin Cross Sections

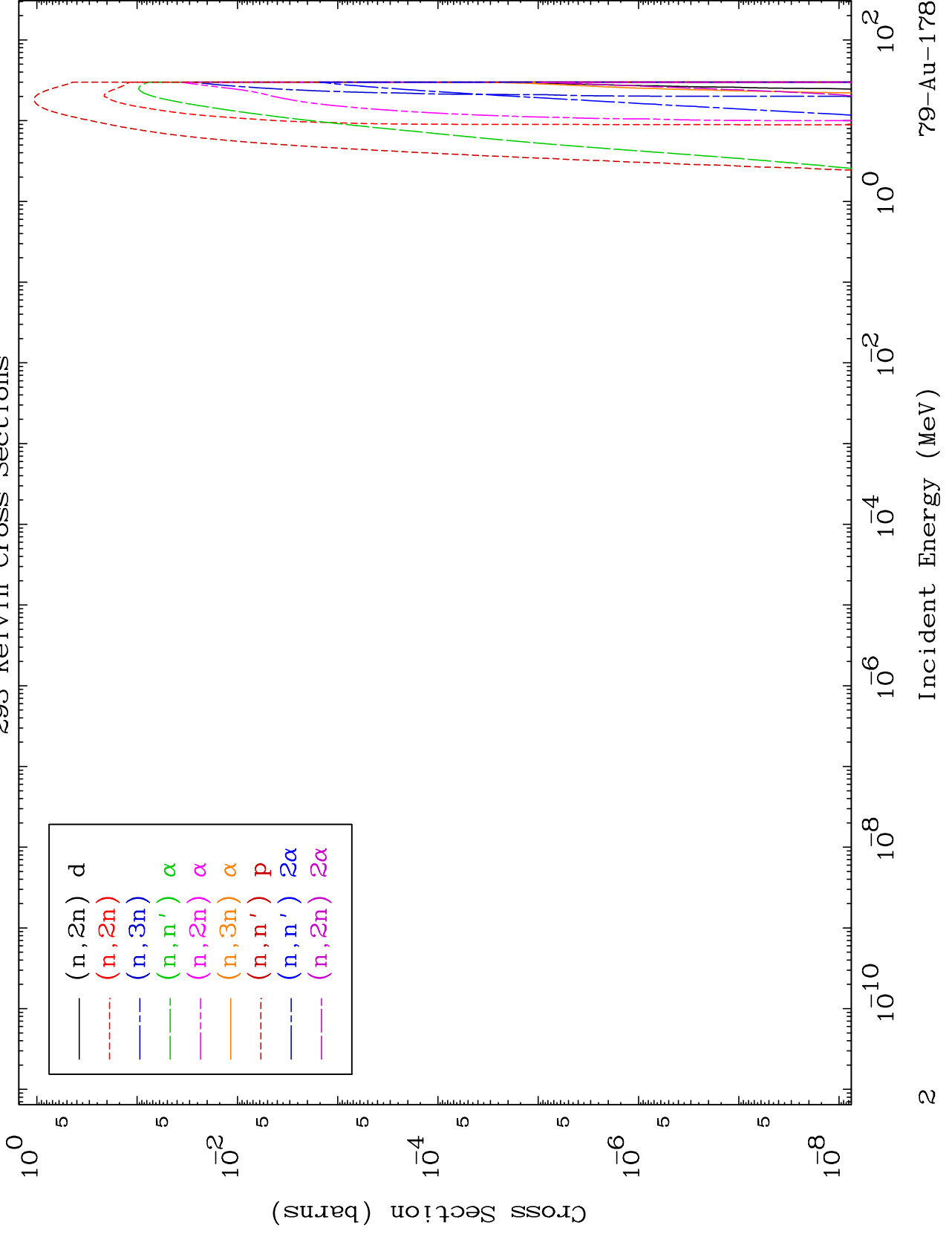
79-Au-178



MAT 7868

Neutron Absorption  
293 Kelvin Cross Sections

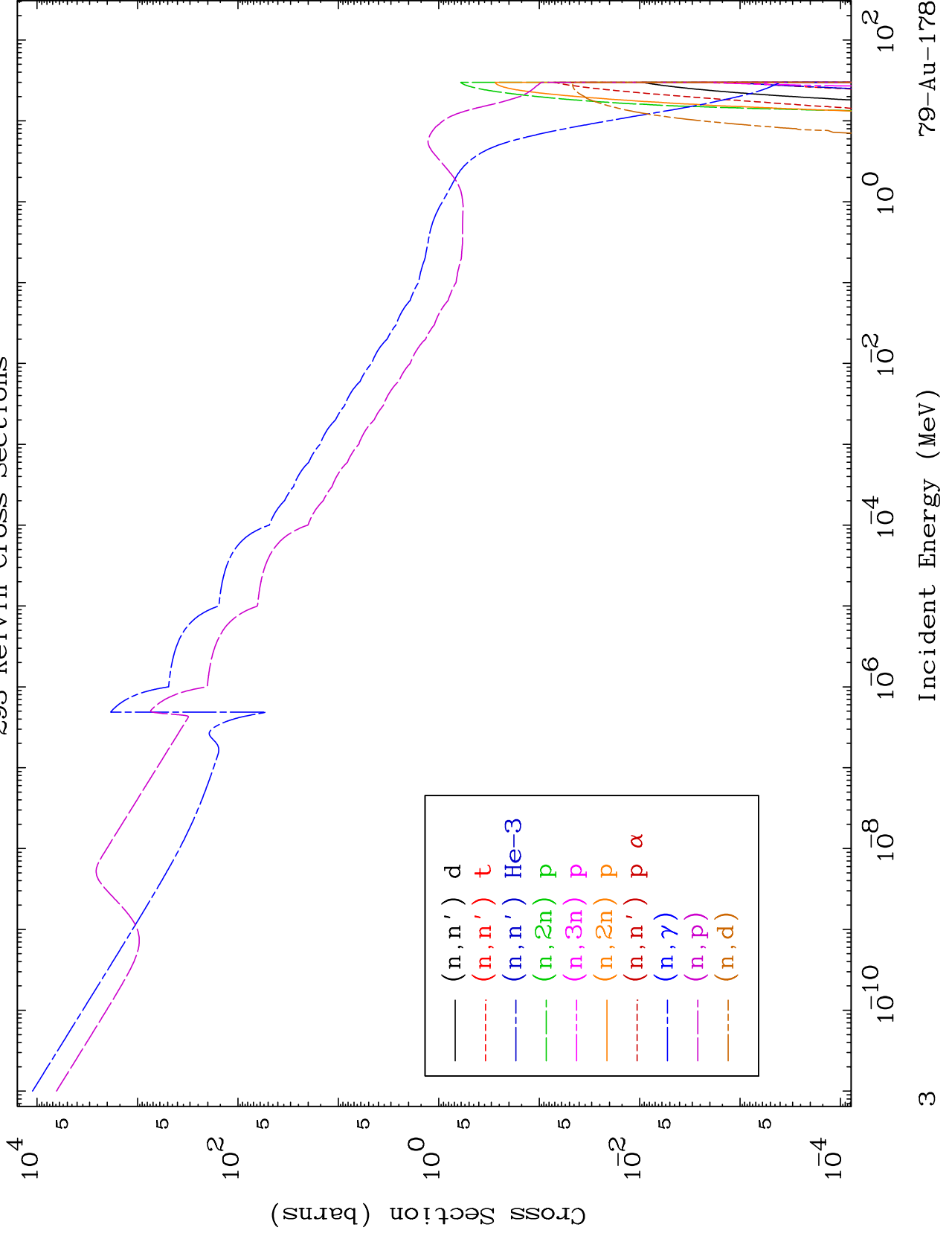
79-Au-178



MAT 7868

Neutron Absorption  
293 Kelvin Cross Sections

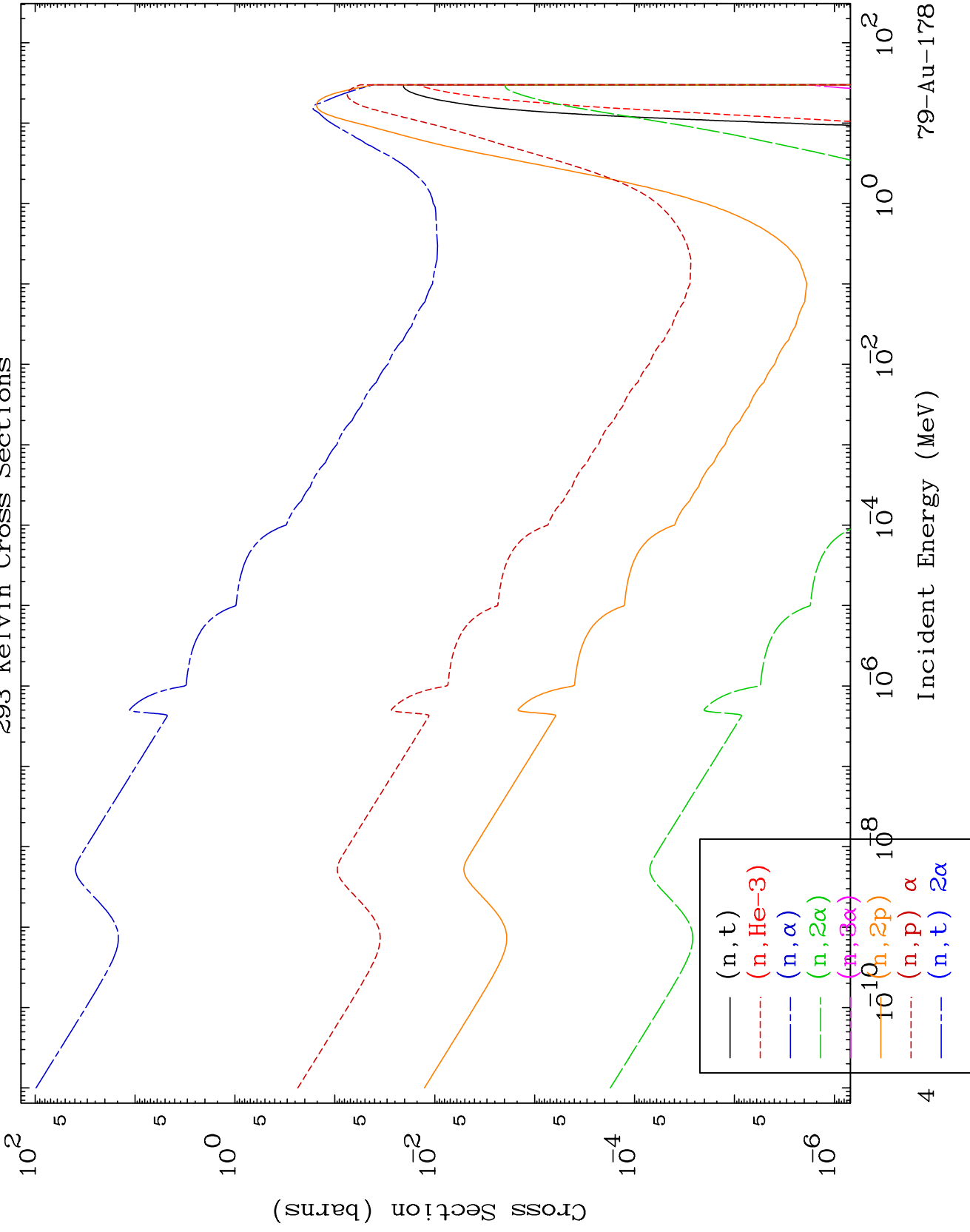
79-Au-178

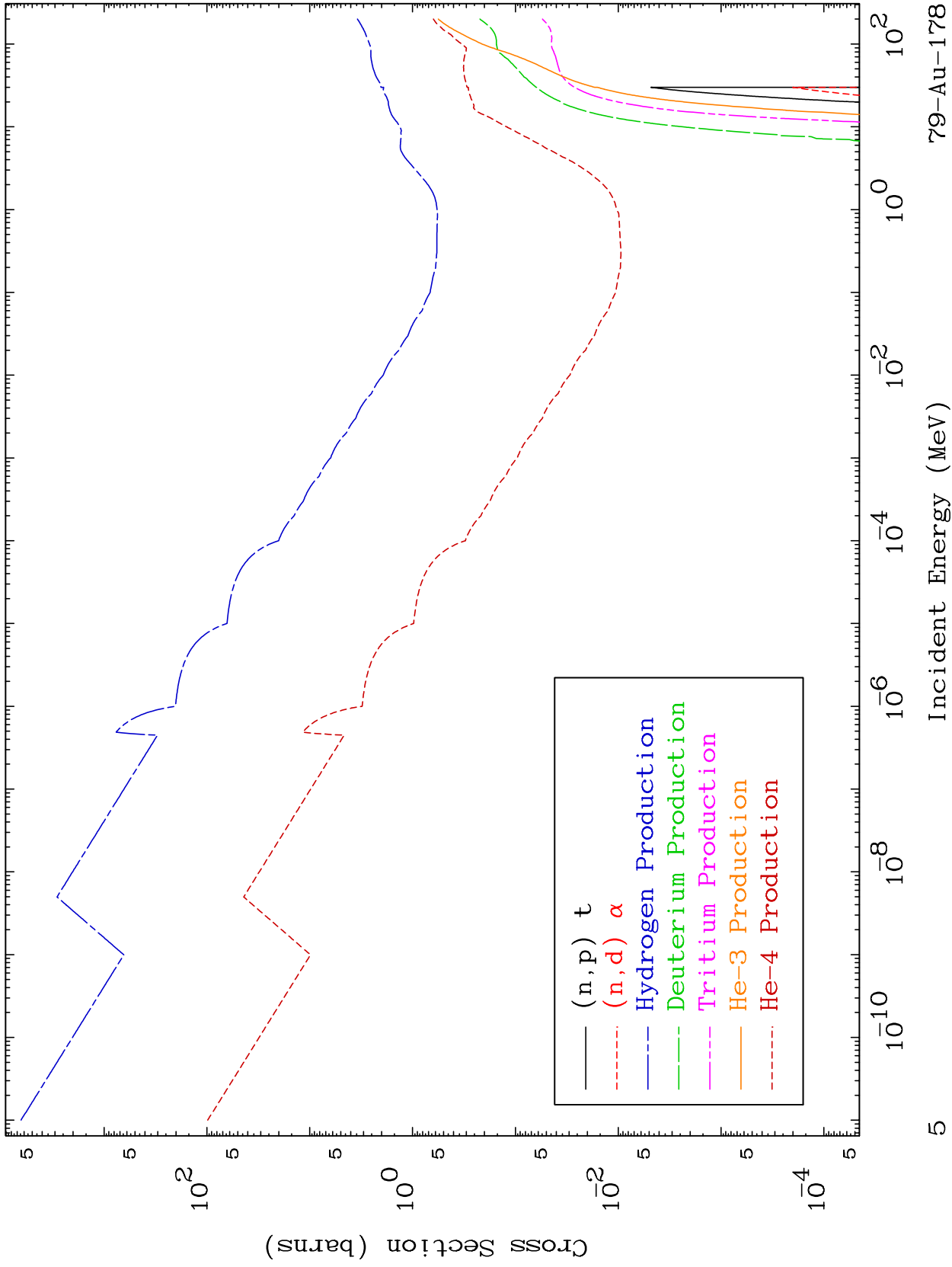


MAT 7868

Neutron Absorption  
293 Kelvin Cross Sections

79-Au-178

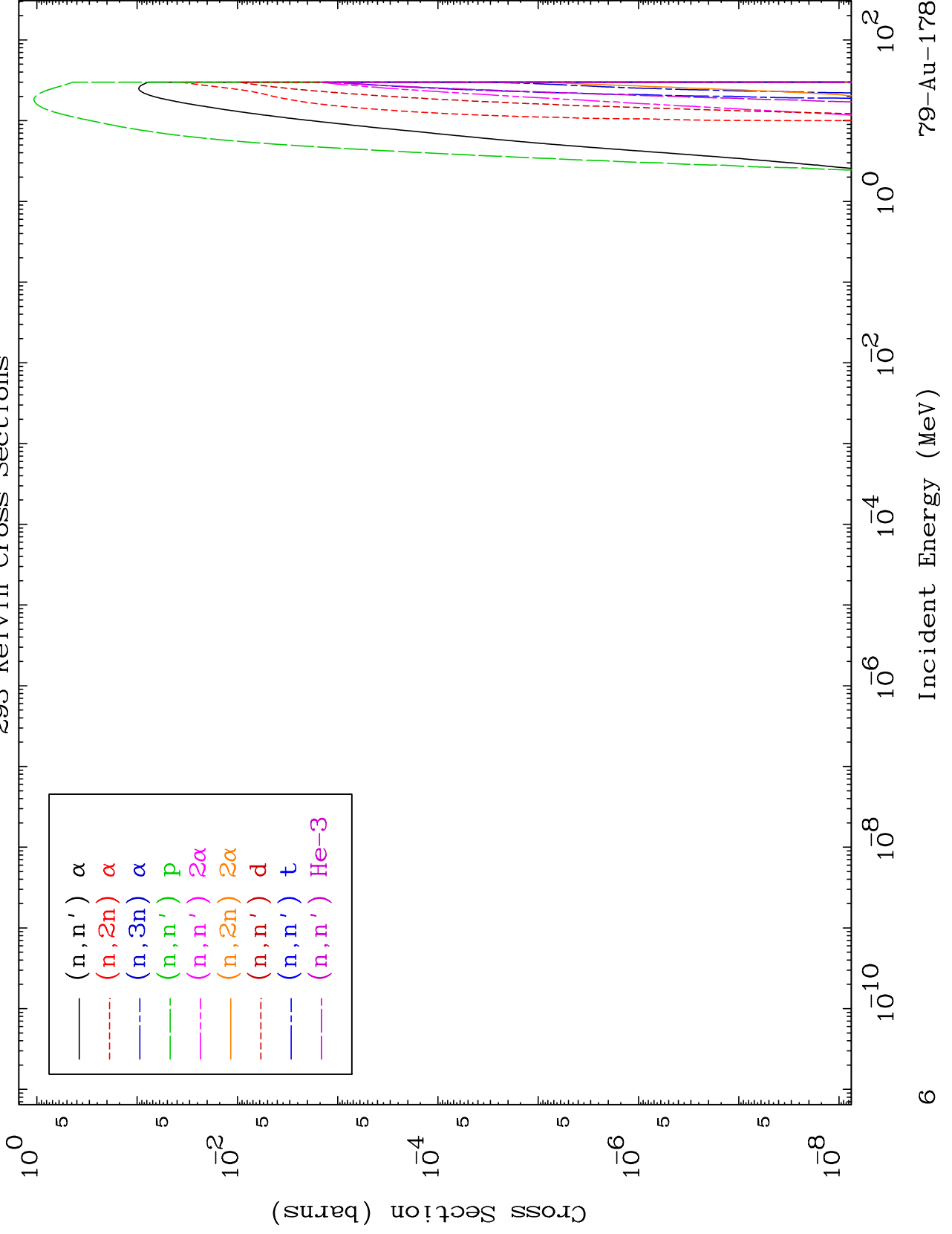




MAT 7868

Charged Particle  
293 Kelvin Cross Sections

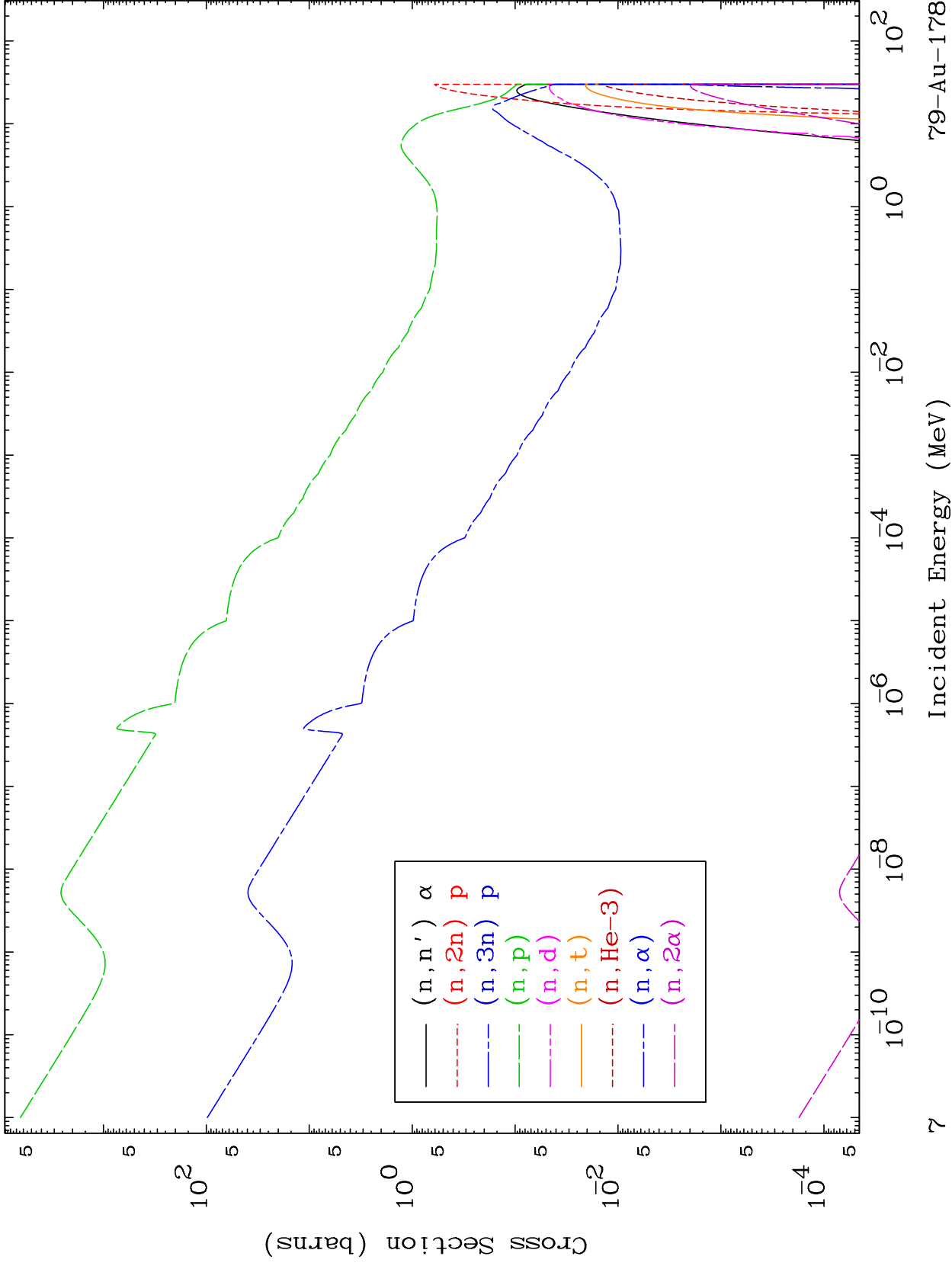
79-Au-178



MAT 7868

Charged Particle  
293 Kelvin Cross Sections

79-Au-178

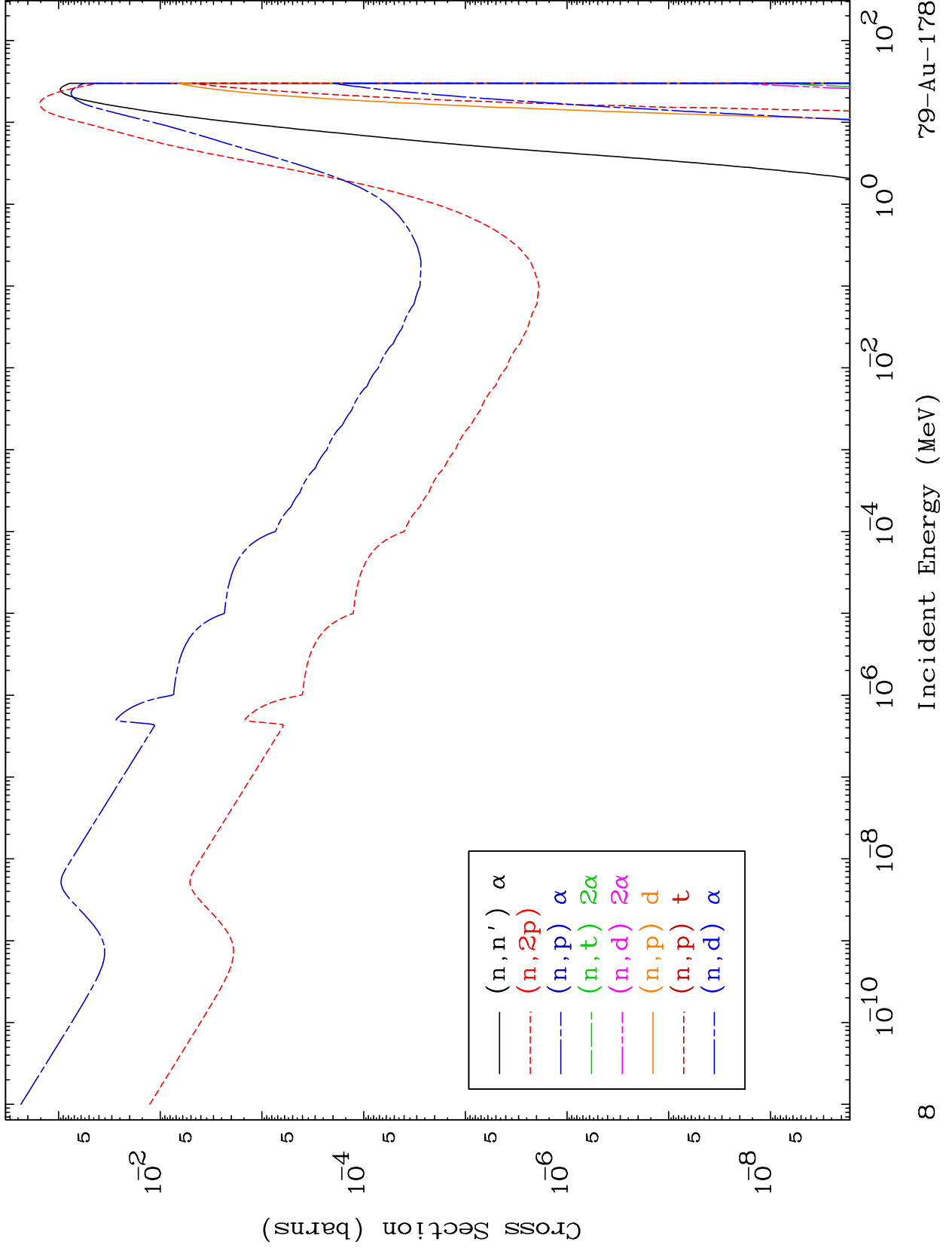


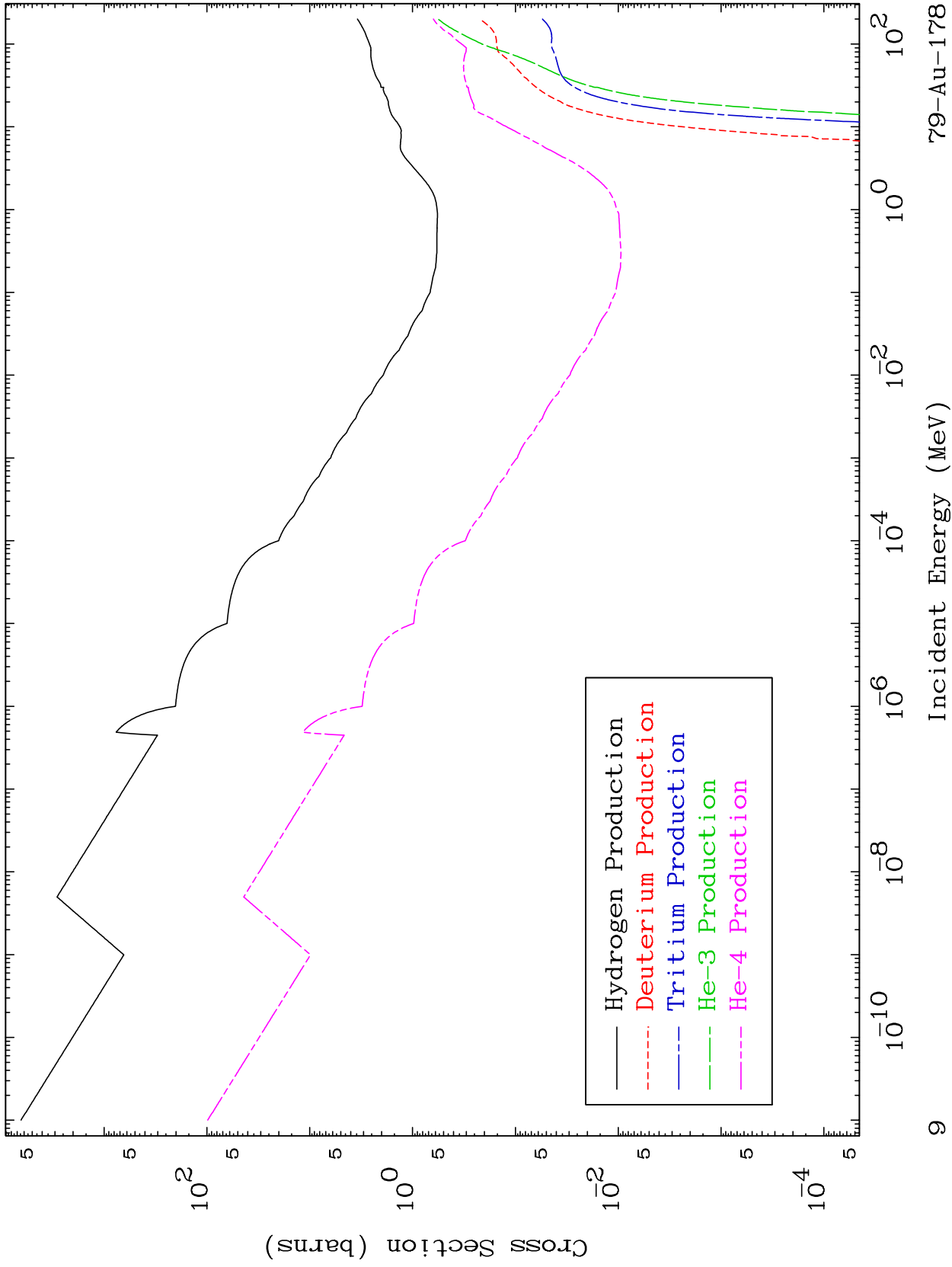


MAT 7868

Charged Particle  
293 Kelvin Cross Sections

79-Au-178

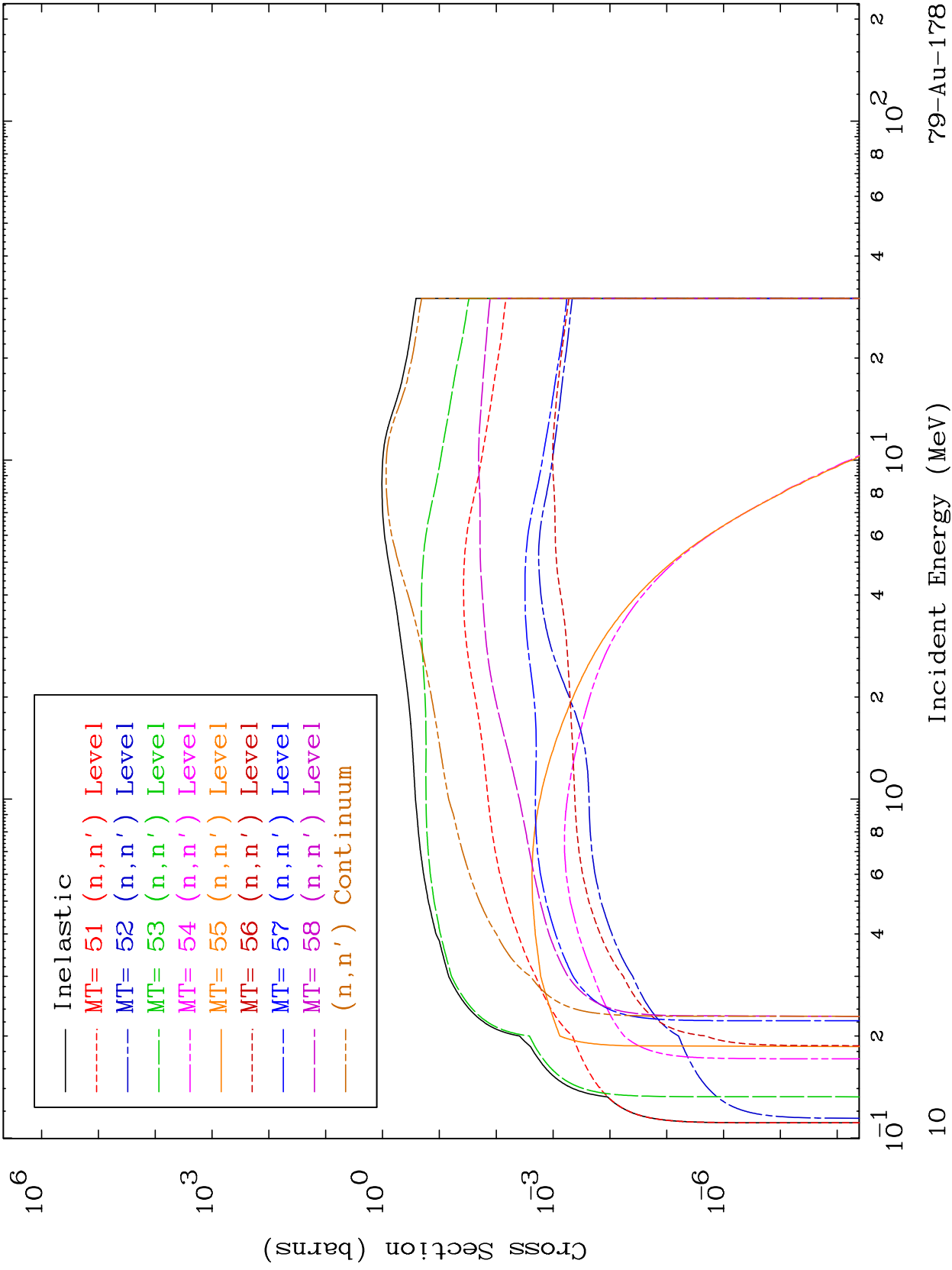




MAT 7868

(n,n') Levels  
293 Kelvin Cross Sections

79-Au-178

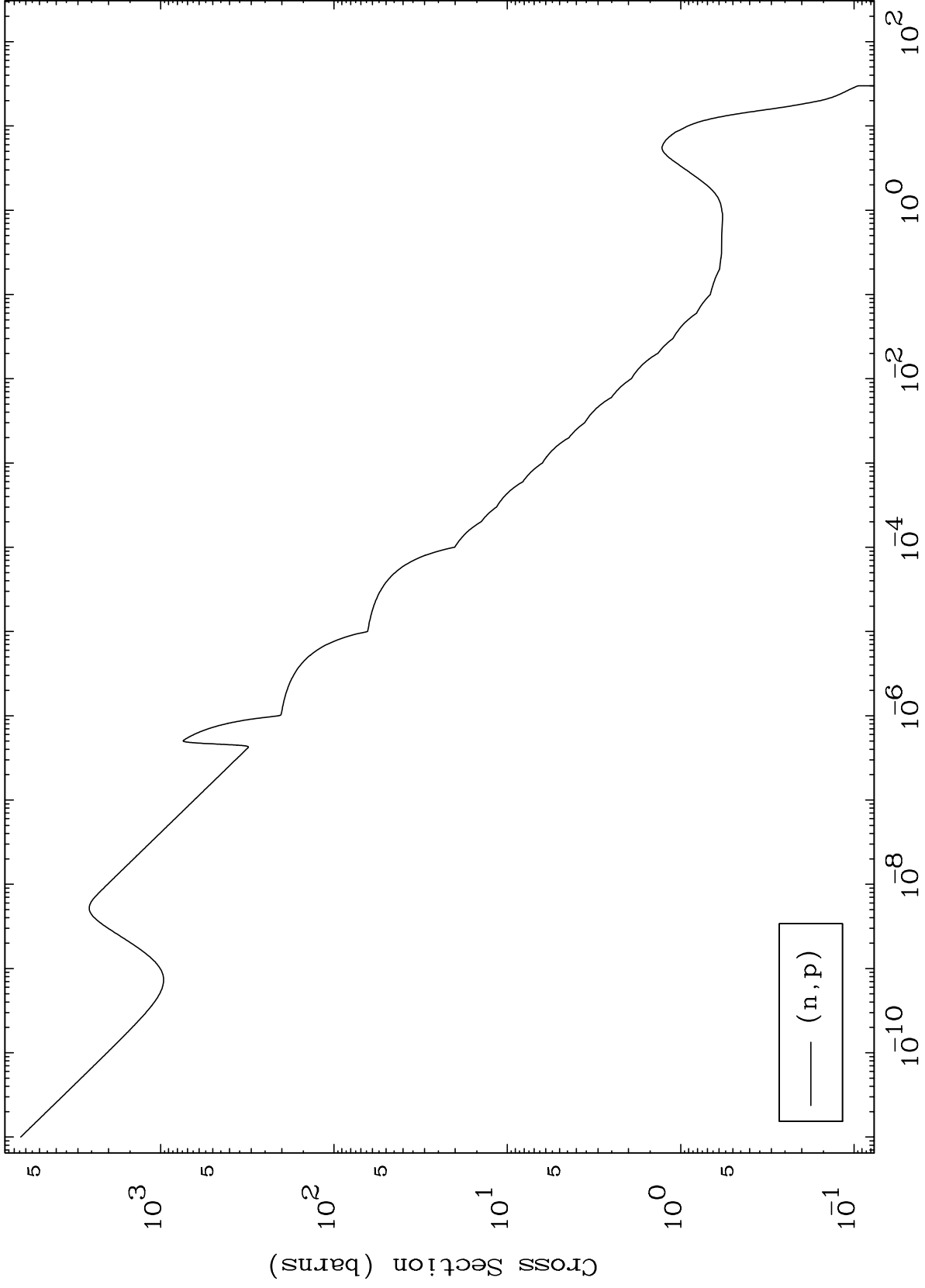


79-Au-178

MAT 7868

(n,p) Levels  
293 Kelvin Cross Sections

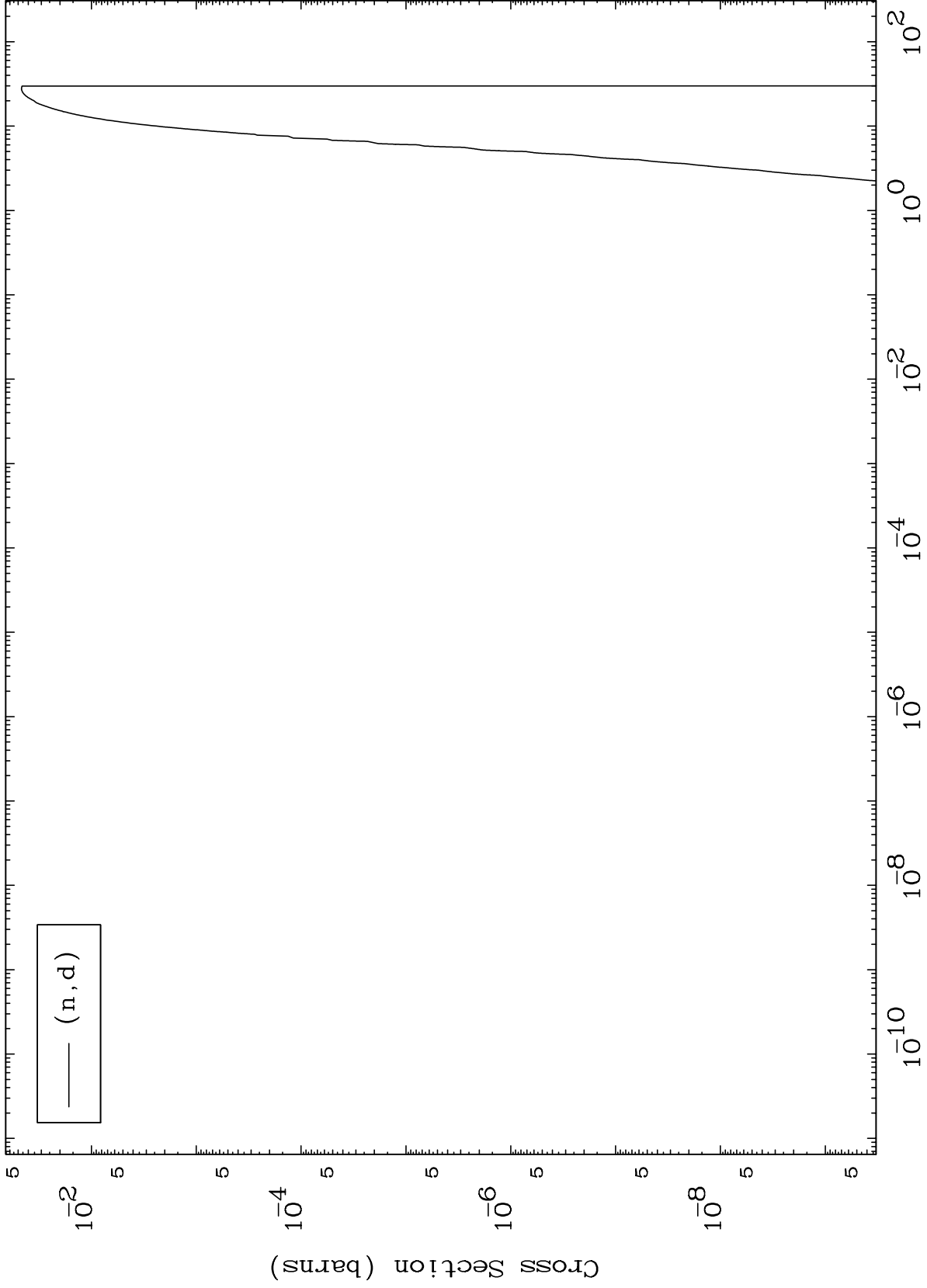
79-Au-178



MAT 7868

(n,d) Levels  
293 Kelvin Cross Sections

79-Au-178



12

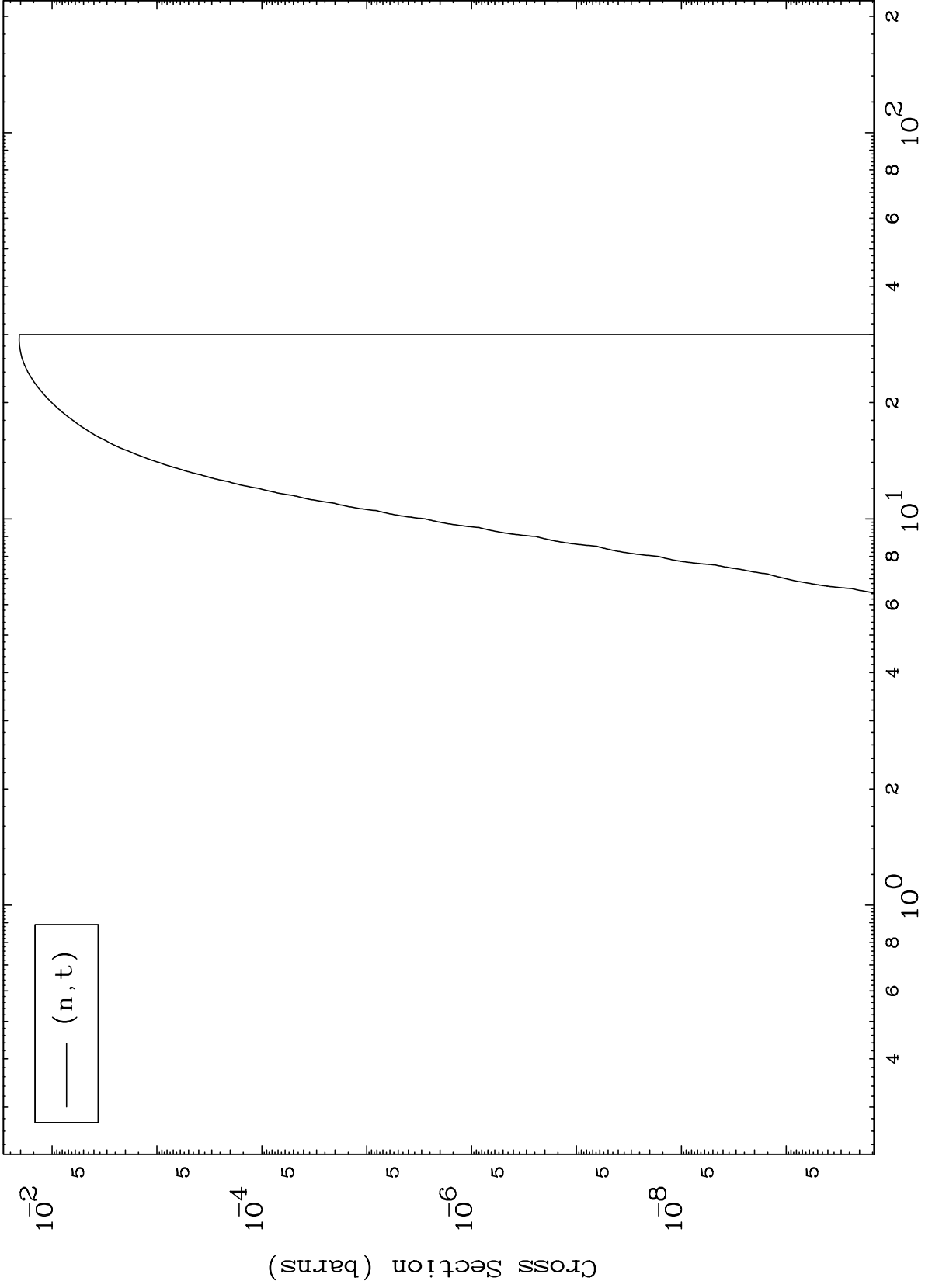
Incident Energy (MeV)

79-Au-178

MAT 7868

(n,t) Levels  
293 Kelvin Cross Sections

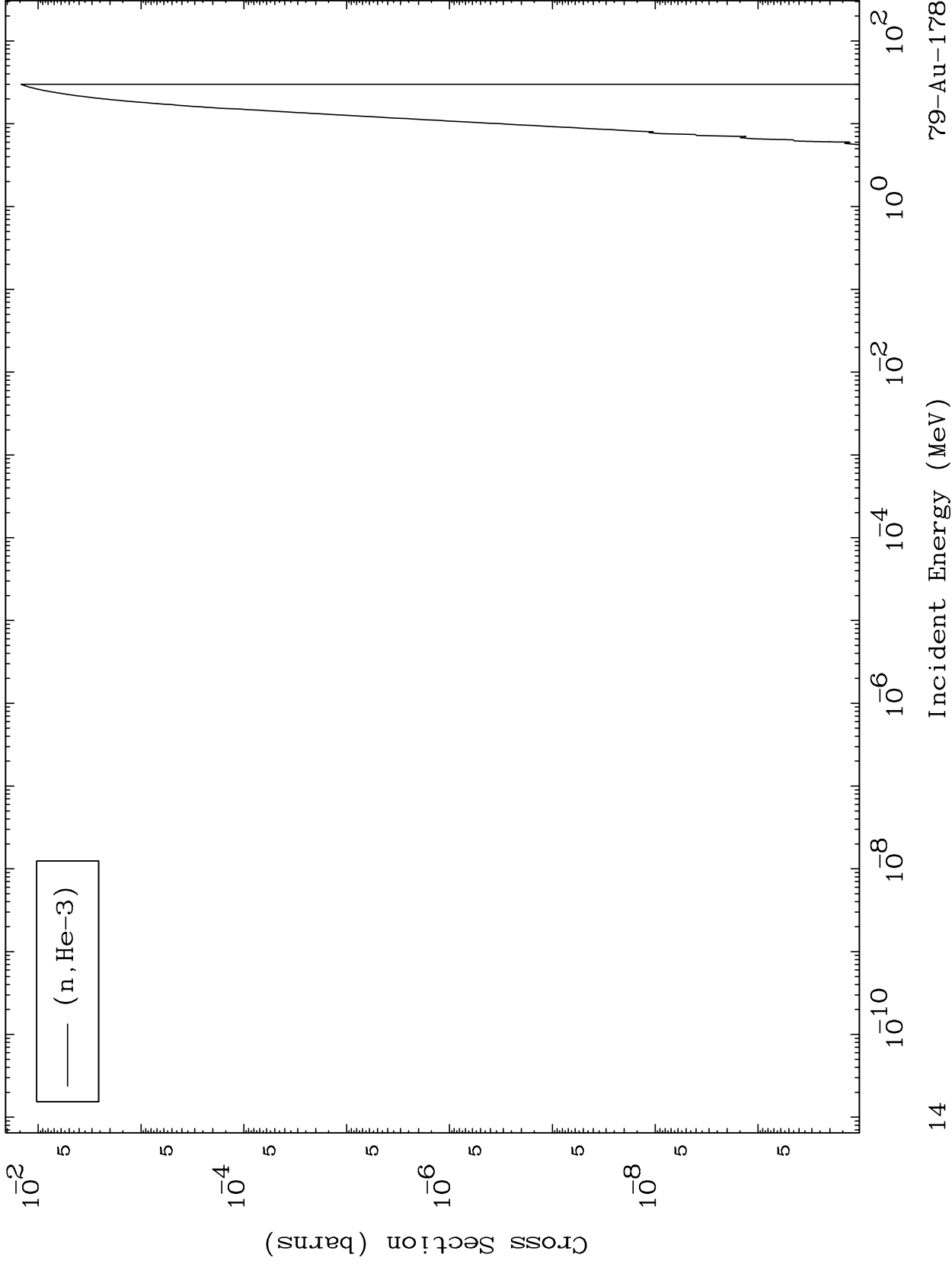
79-Au-178



MAT 7868

(n,He3) Levels  
293 Kelvin Cross Sections

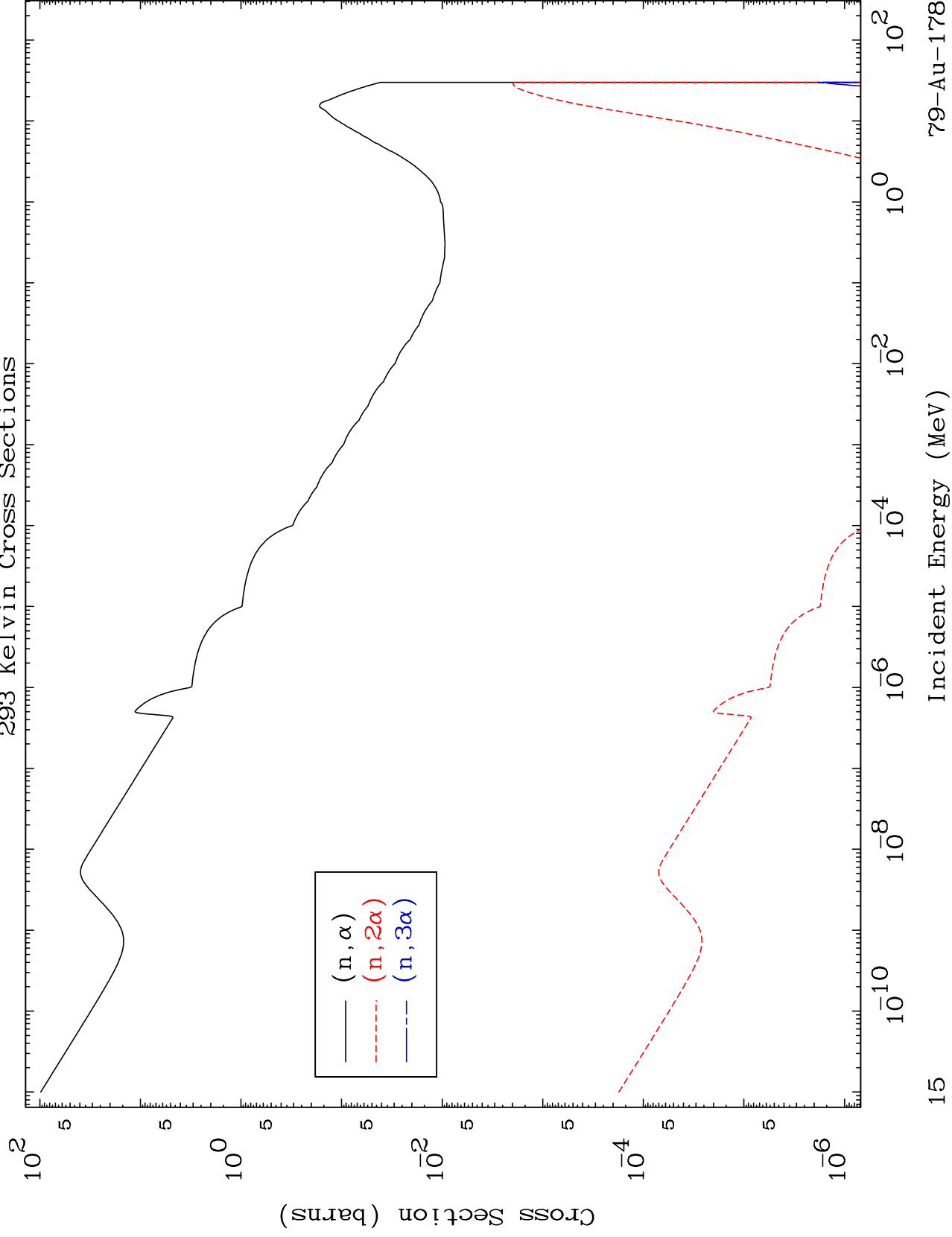
79-Au-178



MAT 7868

(n,α) Levels  
293 Kelvin Cross Sections

79-Au-178



15

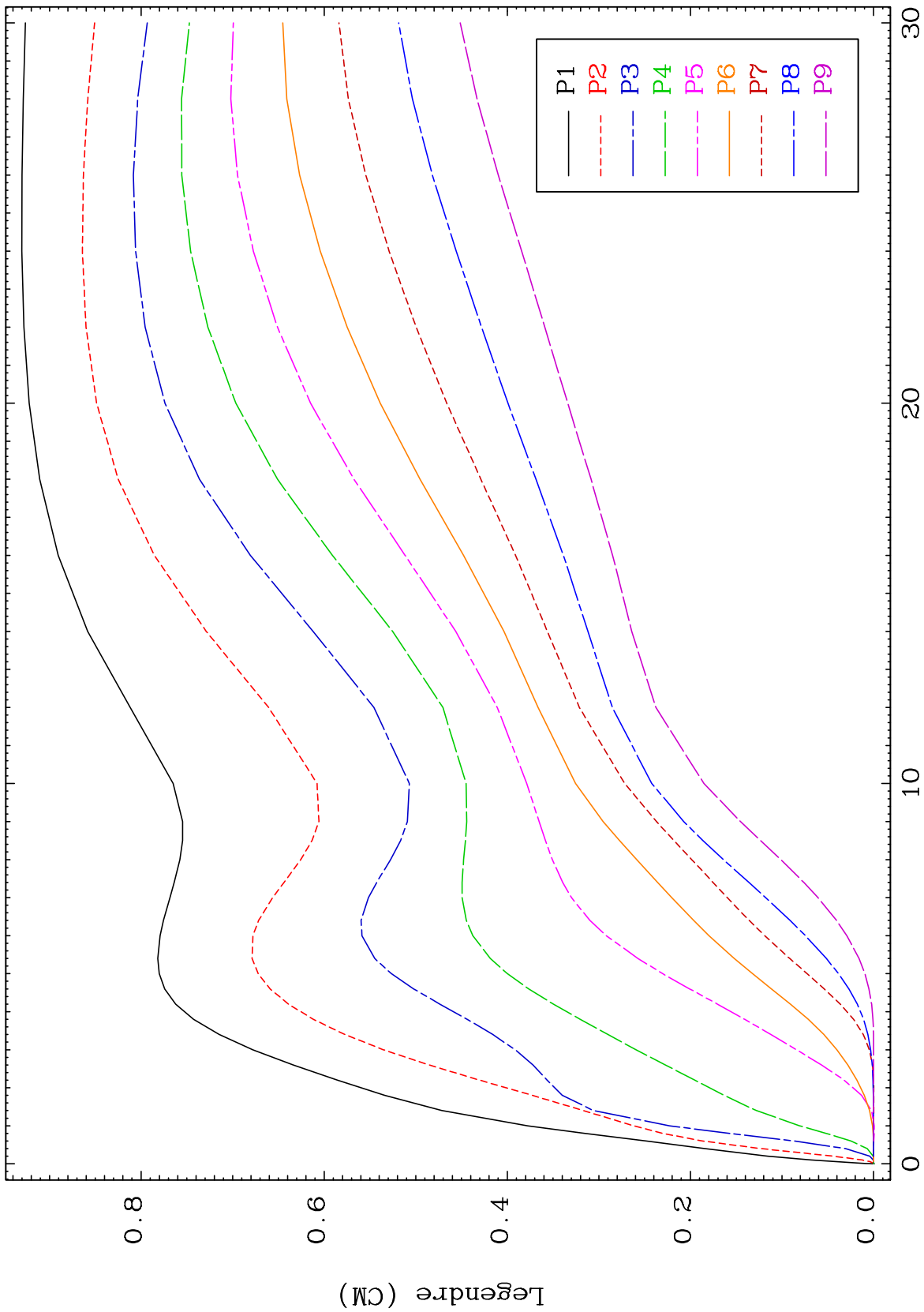
79-Au-178



MAT 7868

79-Au-178

Elastic Legendre Coefficients



79-Au-178

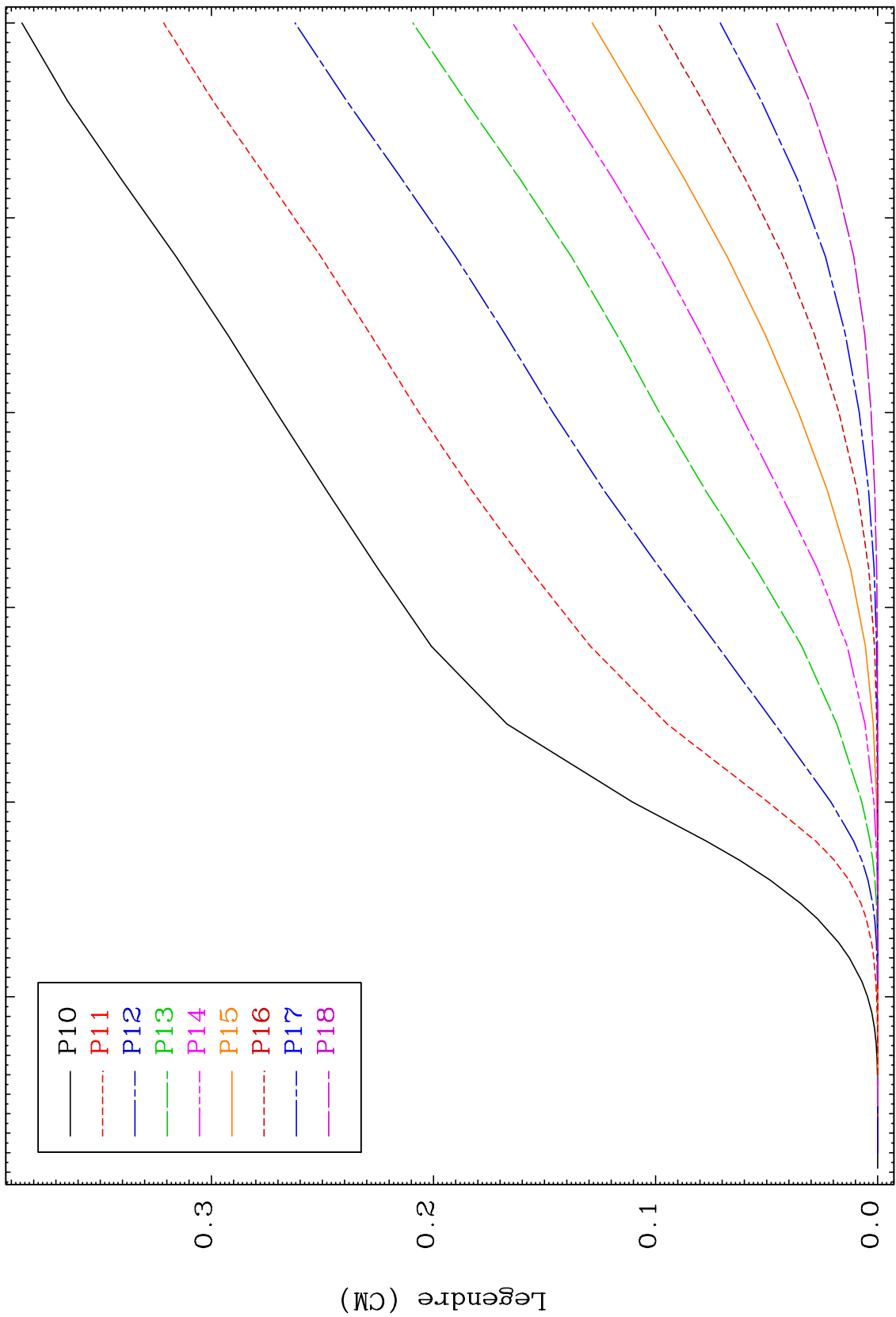
Incident Energy (MeV)

16

MAT 7868

Elastic Legendre Coefficients

79-Au-178



17

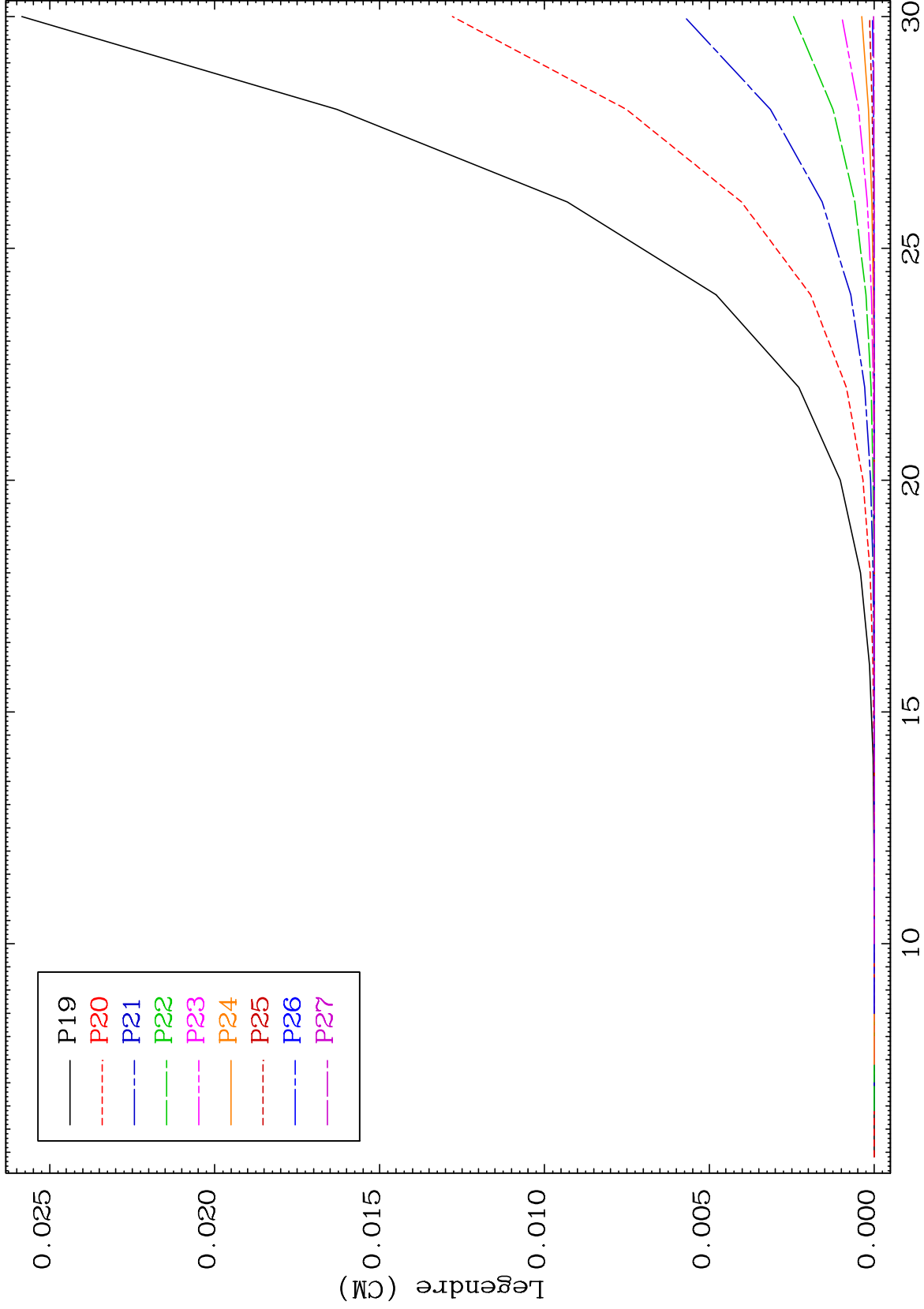
Incident Energy (MeV)

79-Au-178

MAT 7868

### Elastic Legendre Coefficients

79-Au-178



18

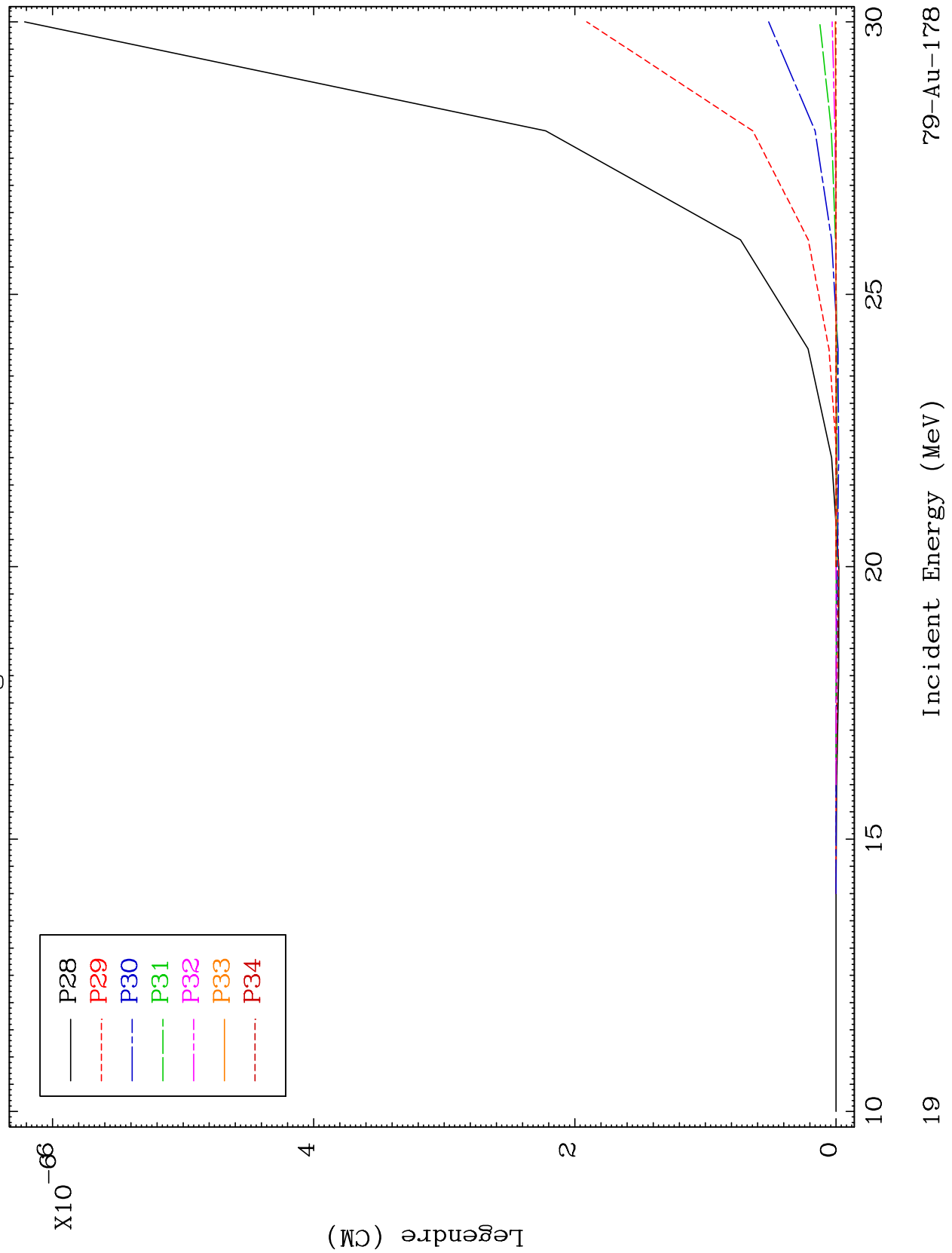
Incident Energy (MeV)

79-Au-178

MAT 7868

Elastic Legendre Coefficients

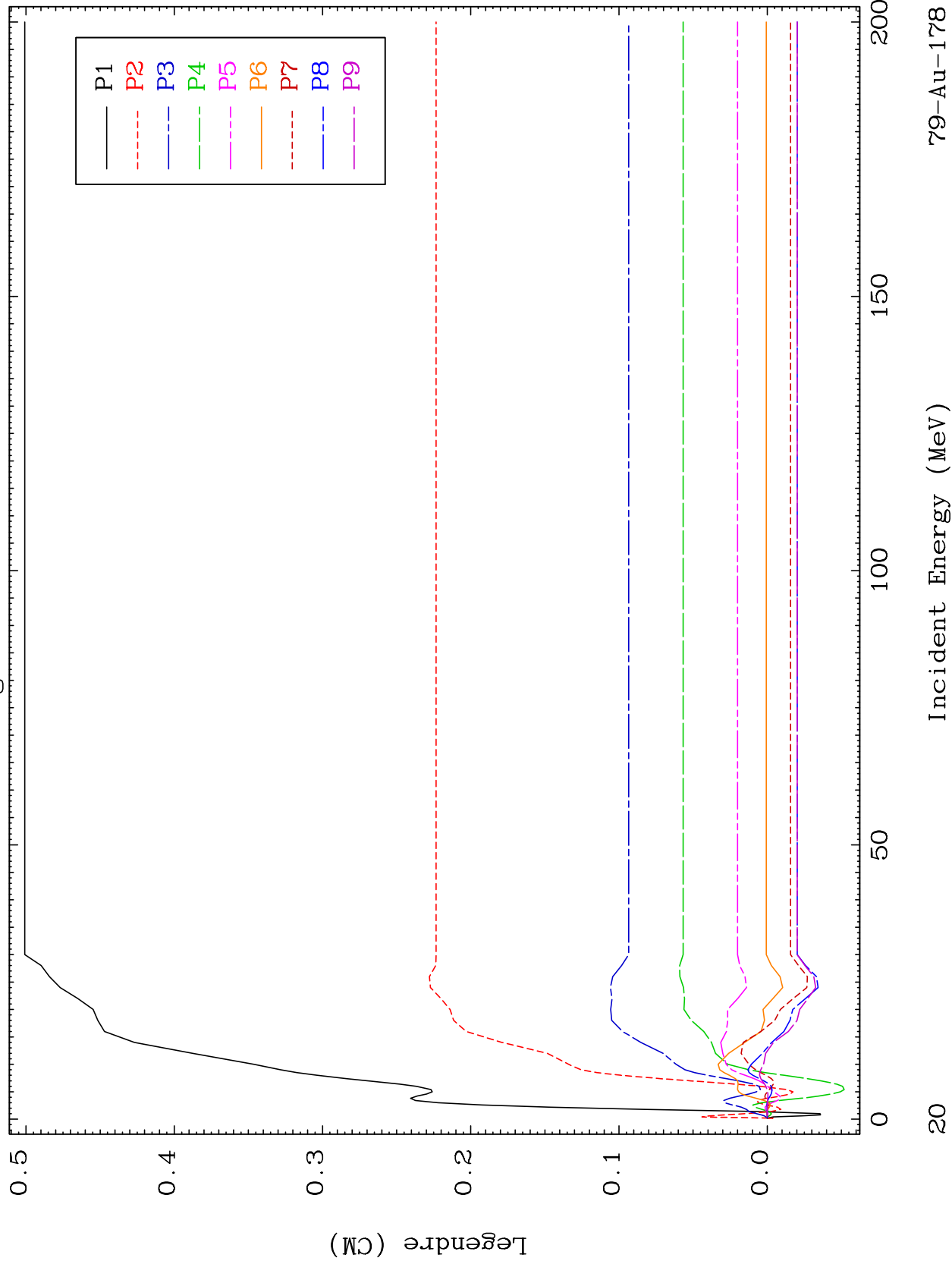
79-Au-178



MAT 7868

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

79-Au-178



79-Au-178

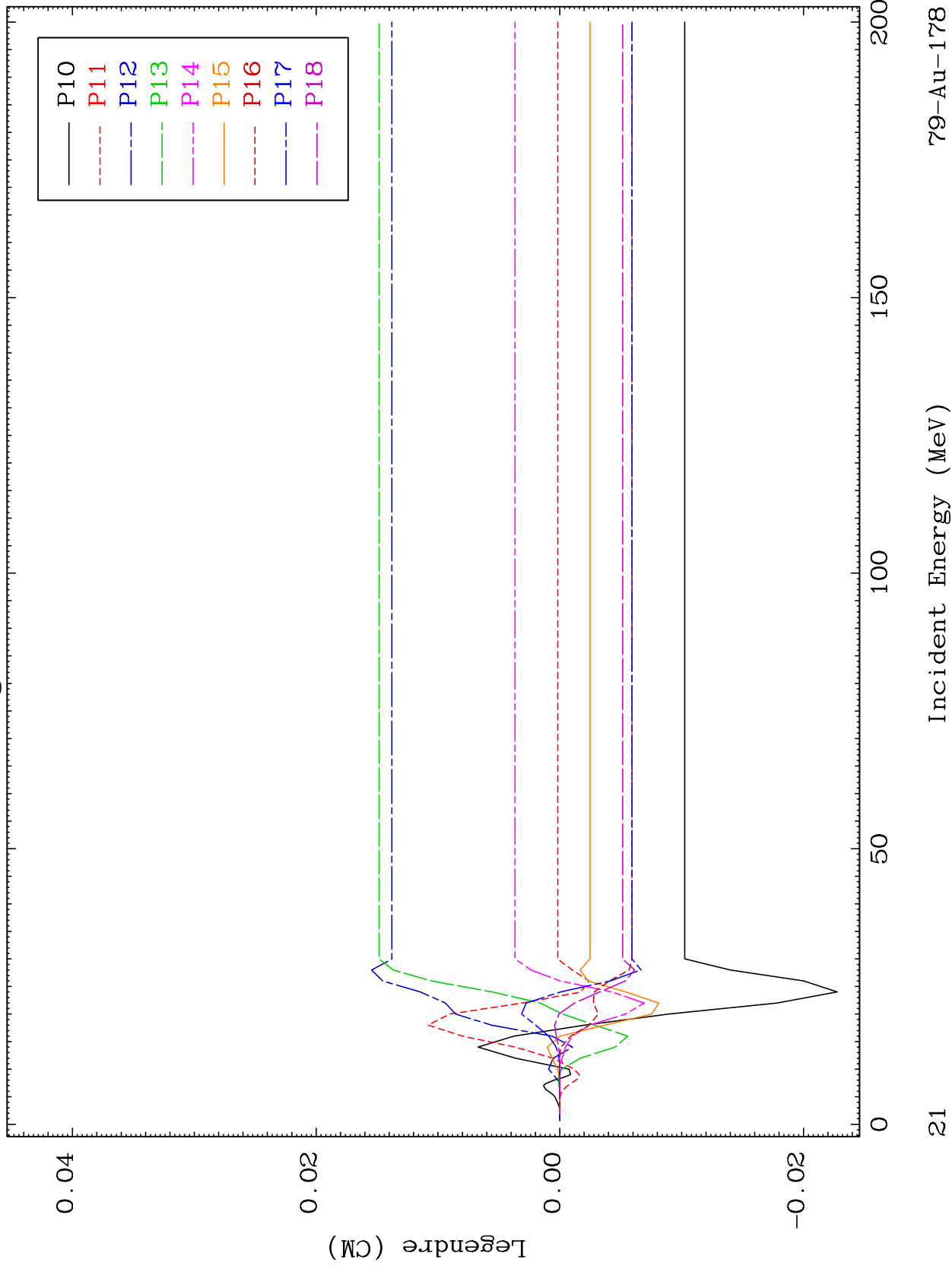
Incident Energy (MeV)

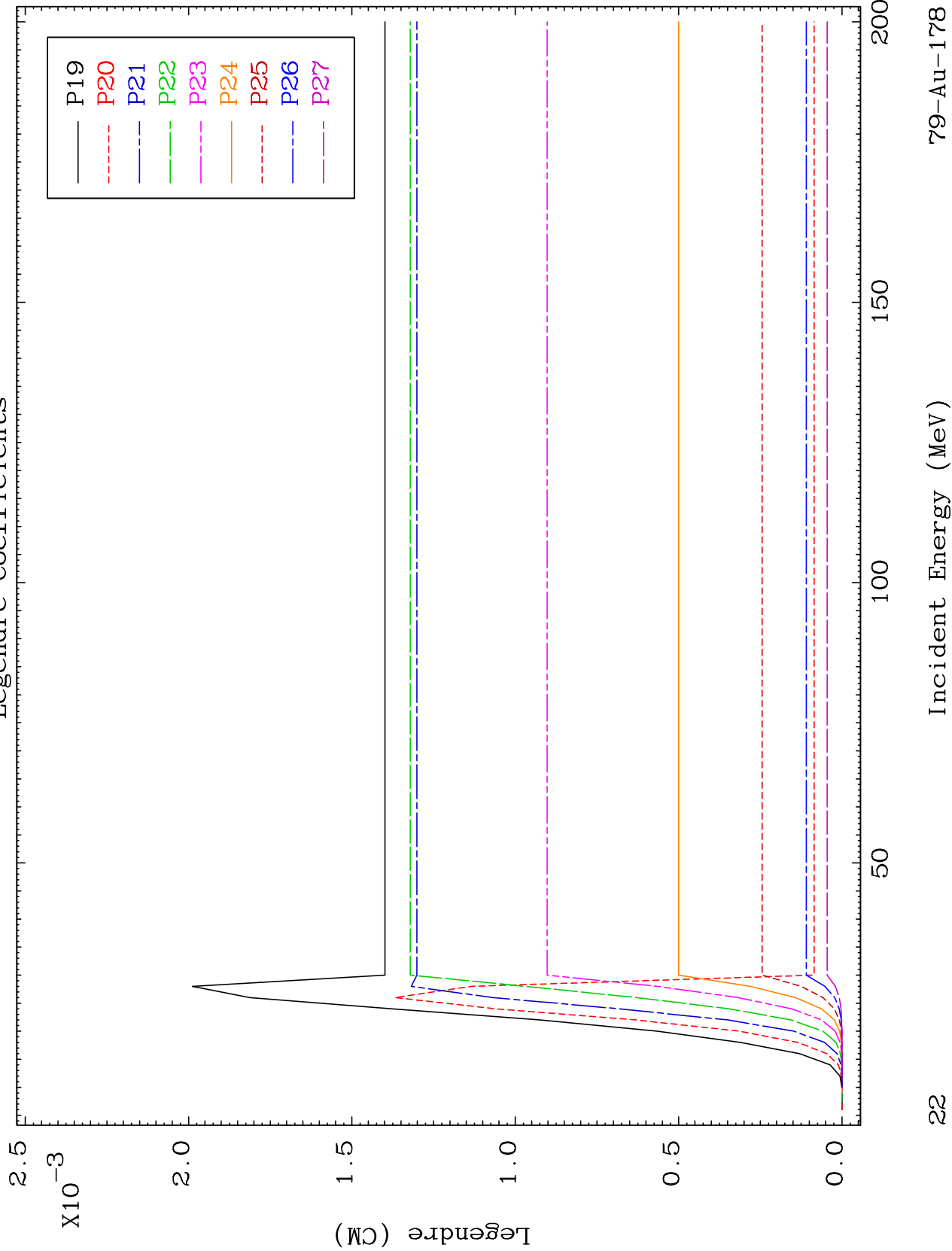
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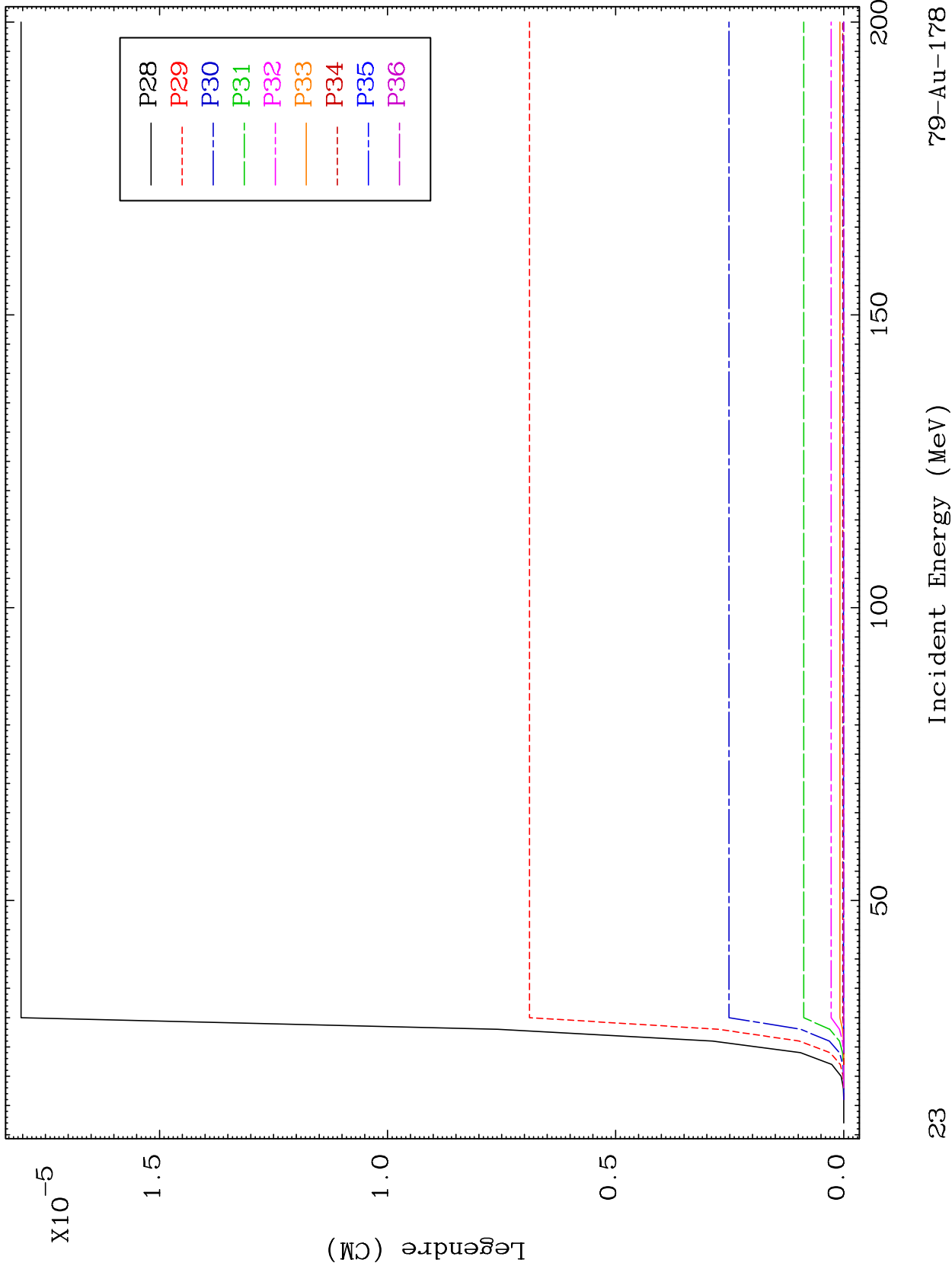
MAT 7868

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

79-Au-178





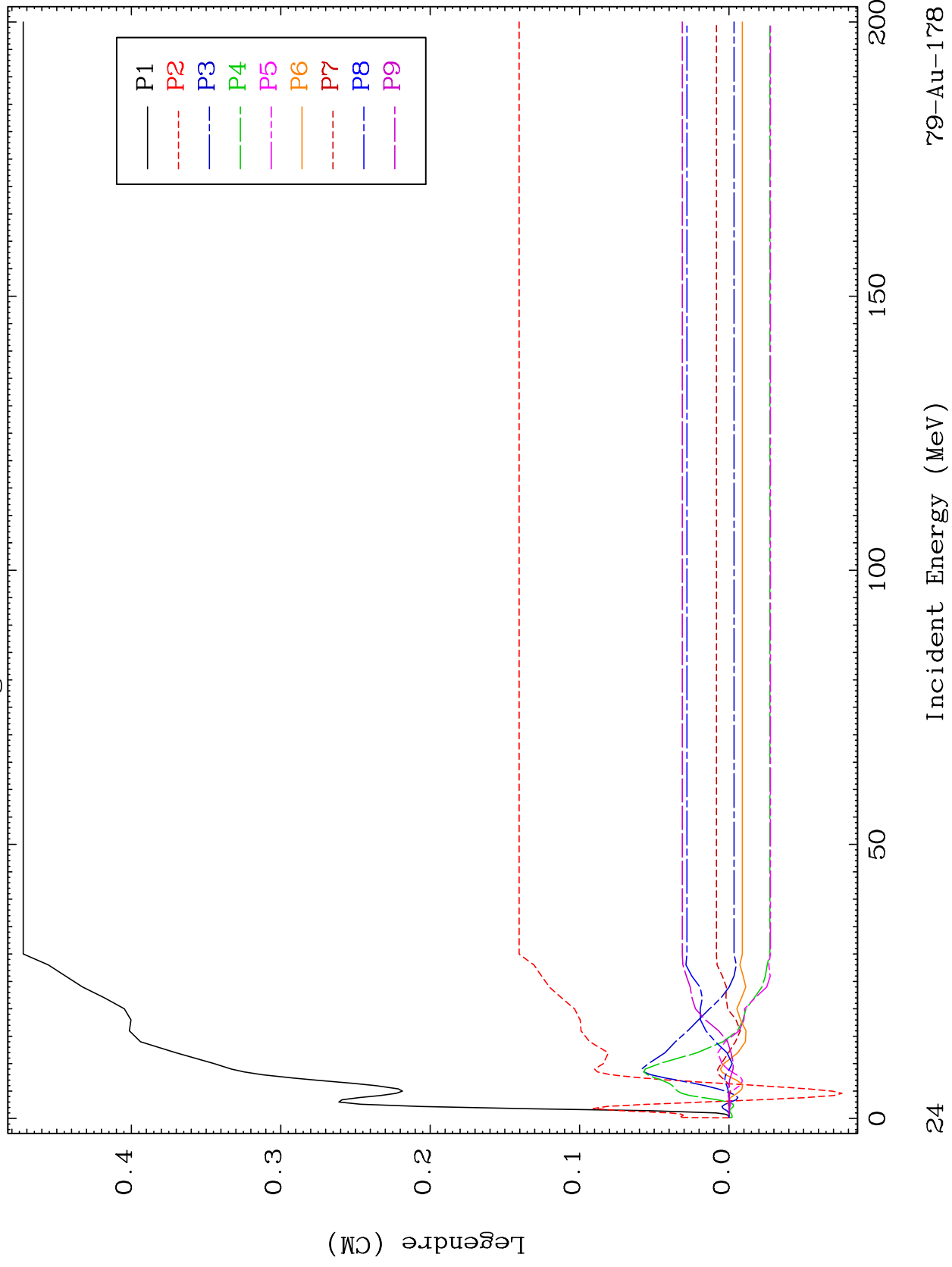




MAT 7868

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

79-Au-178



79-Au-178

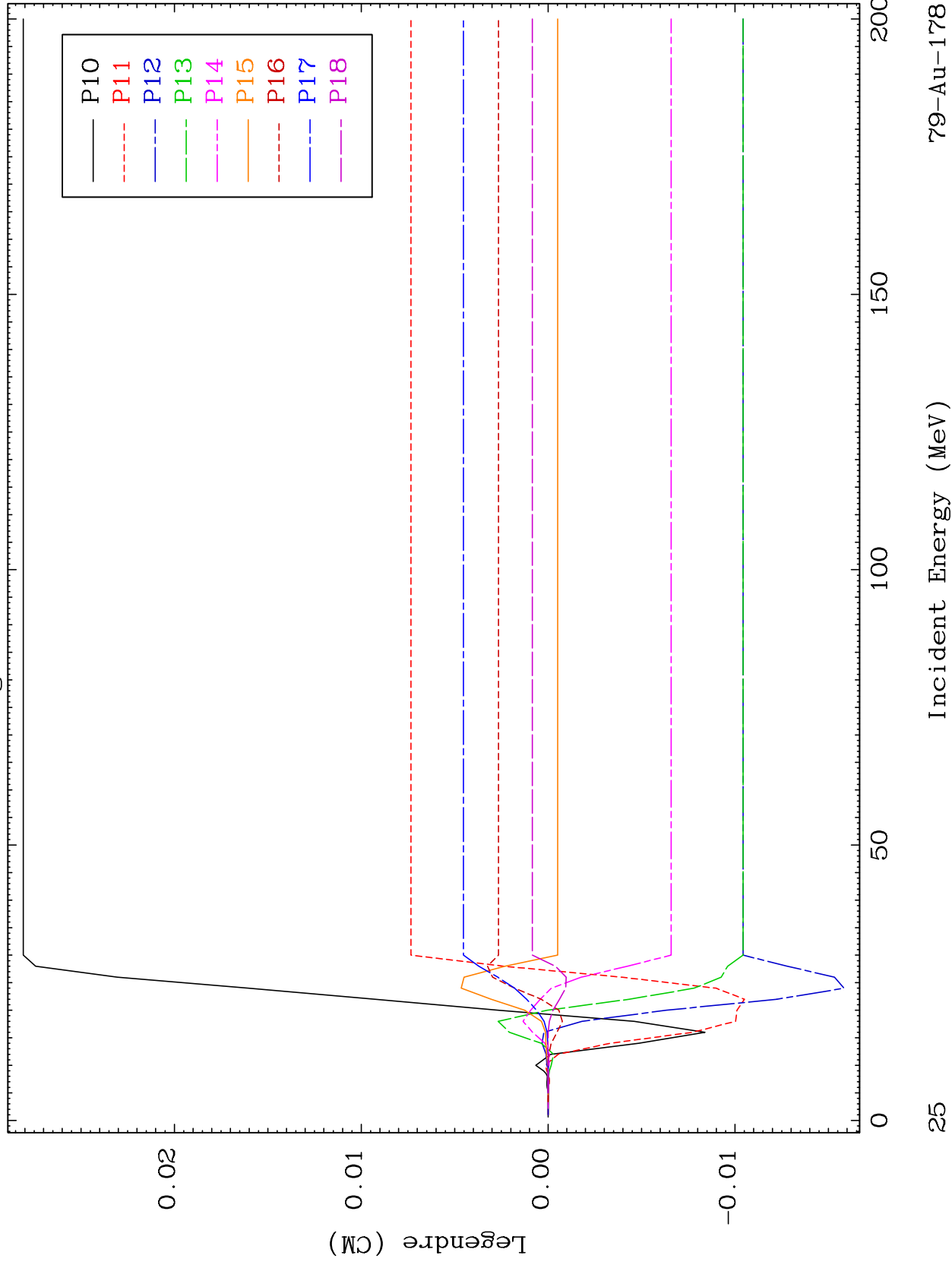
Incident Energy (MeV)

24

MAT 7868

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

79-Au-178



79-Au-178

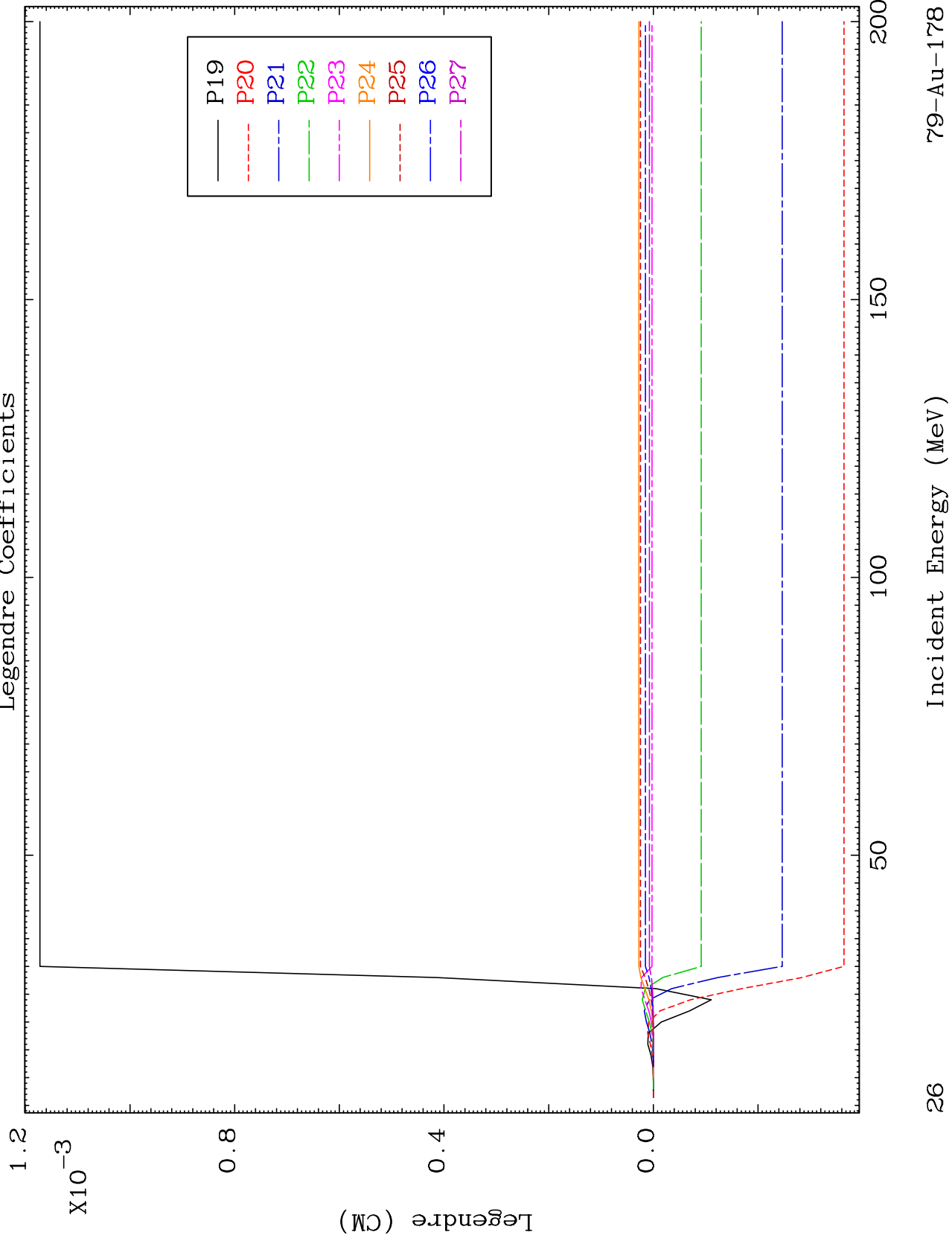
Incident Energy (MeV)

25

MAT 7868

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

79-Au-178



26

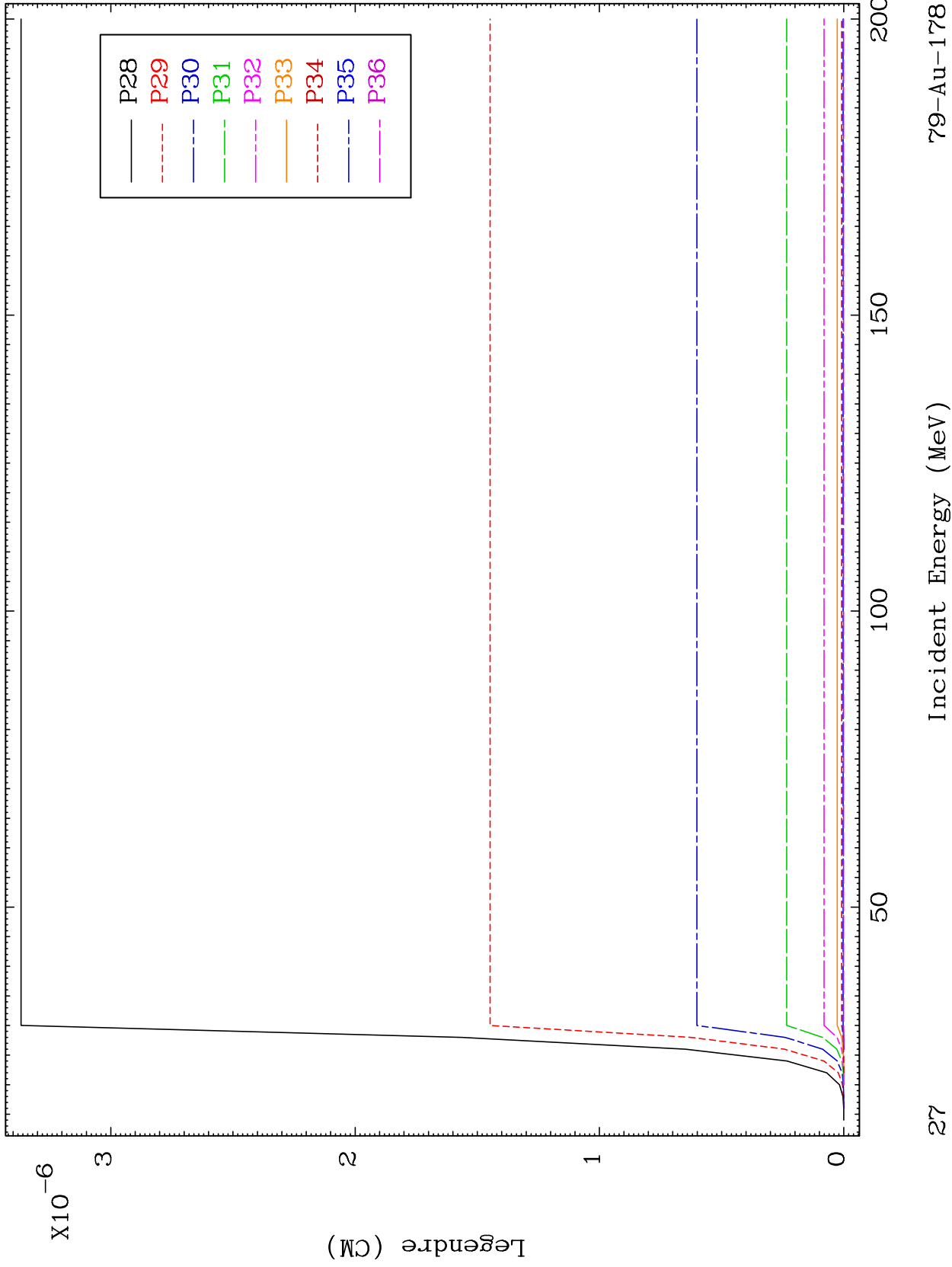
Incident Energy (MeV)

79-Au-178

MAT 7868

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

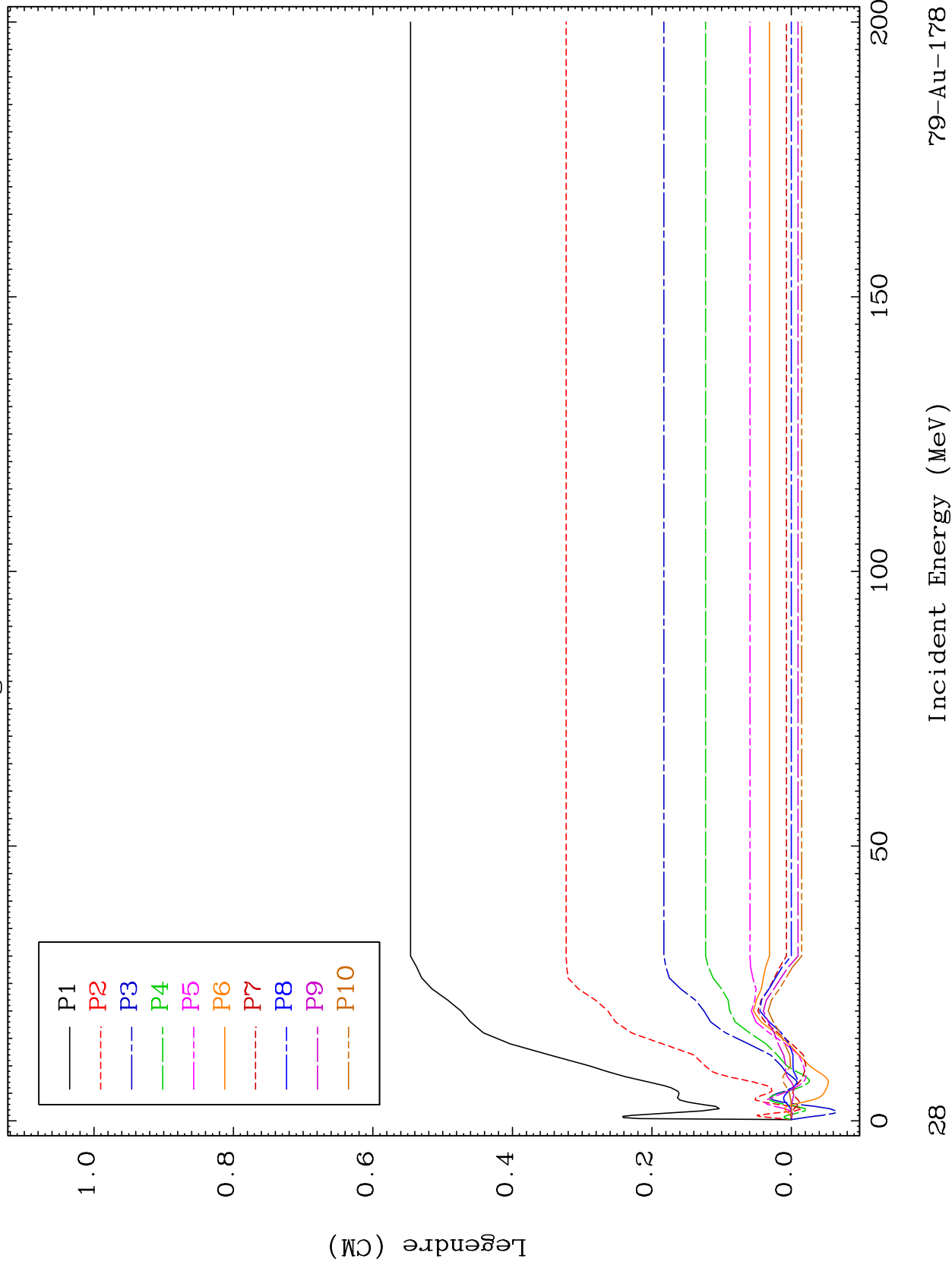
79-Au-178



MAT 7868

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

79-Au-178



79-Au-178

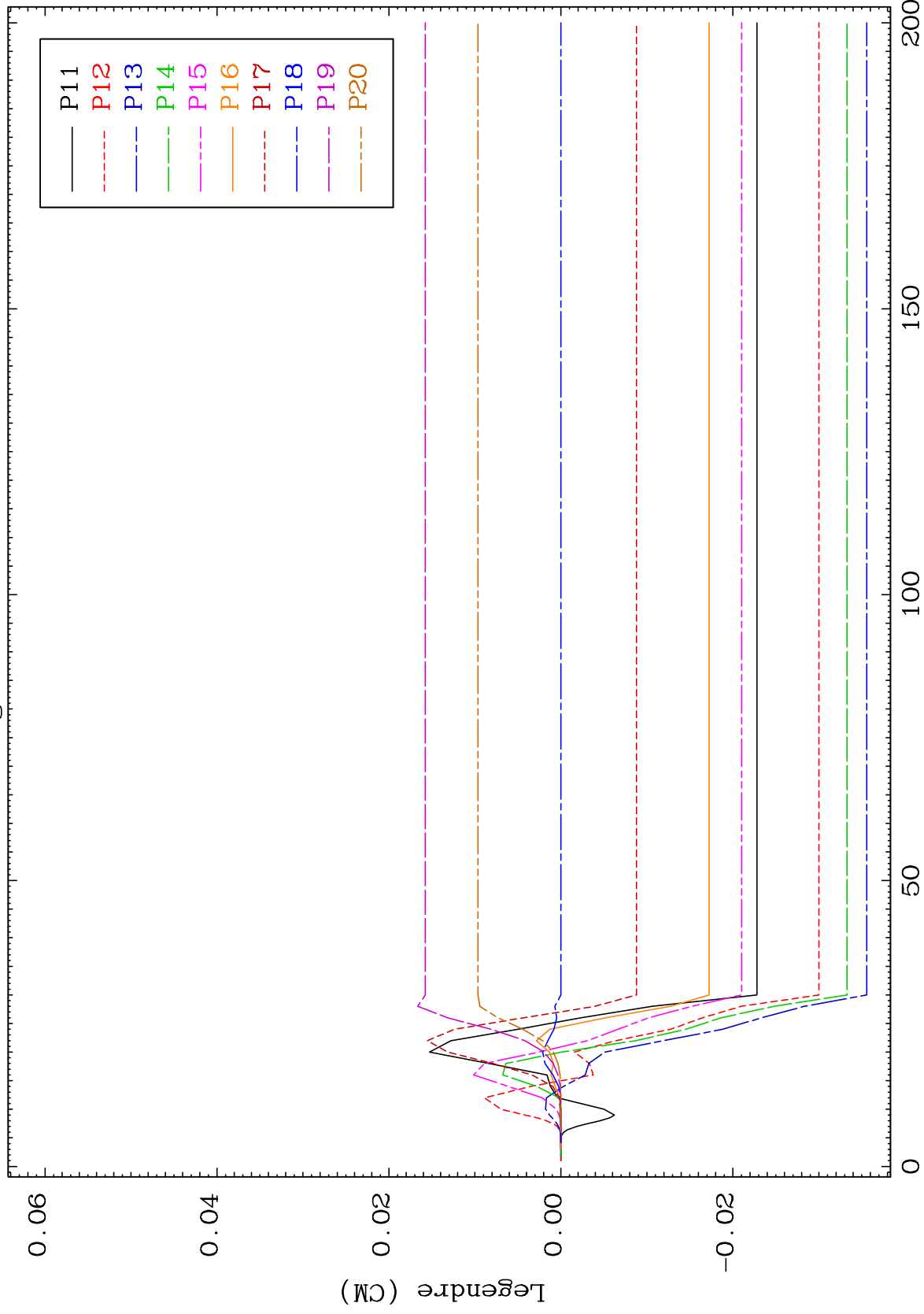
Incident Energy (MeV)

28

MAT 7868

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

79-Au-178



29

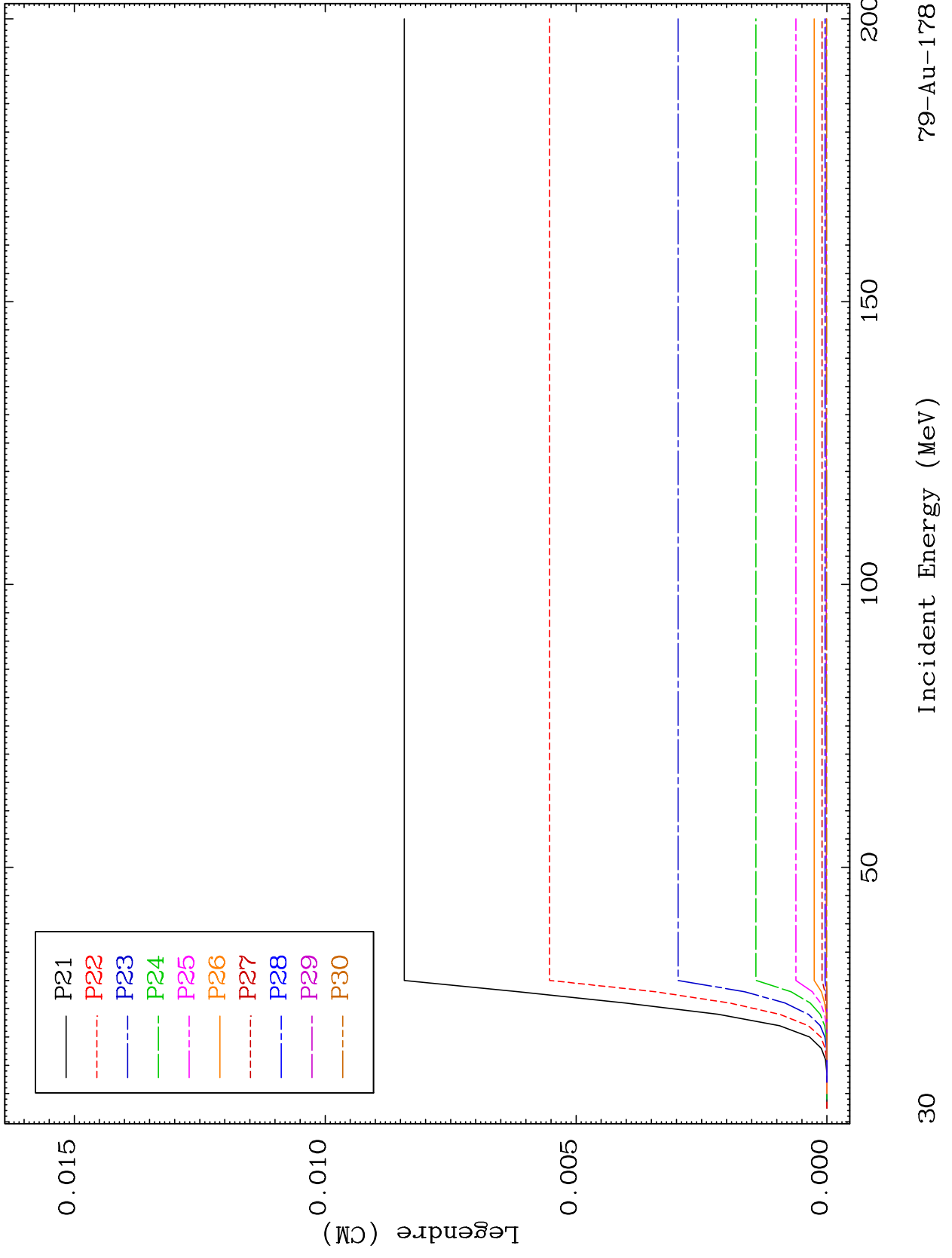
Incident Energy (MeV)

79-Au-178

MAT 7868

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

79-Au-178



30

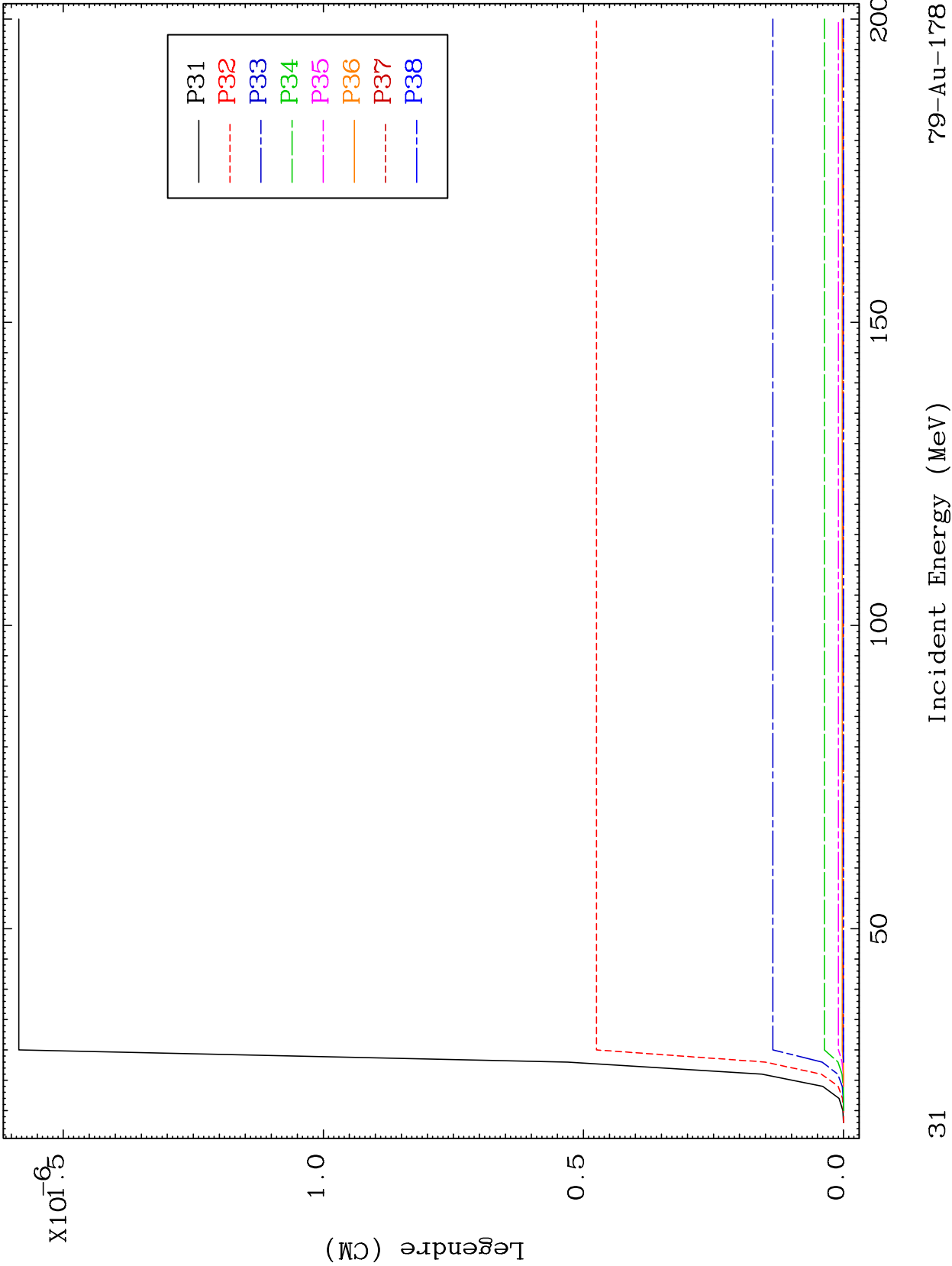
Incident Energy (MeV)

79-Au-178

MAT 7868

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

79-Au-178



31

Incident Energy (MeV)

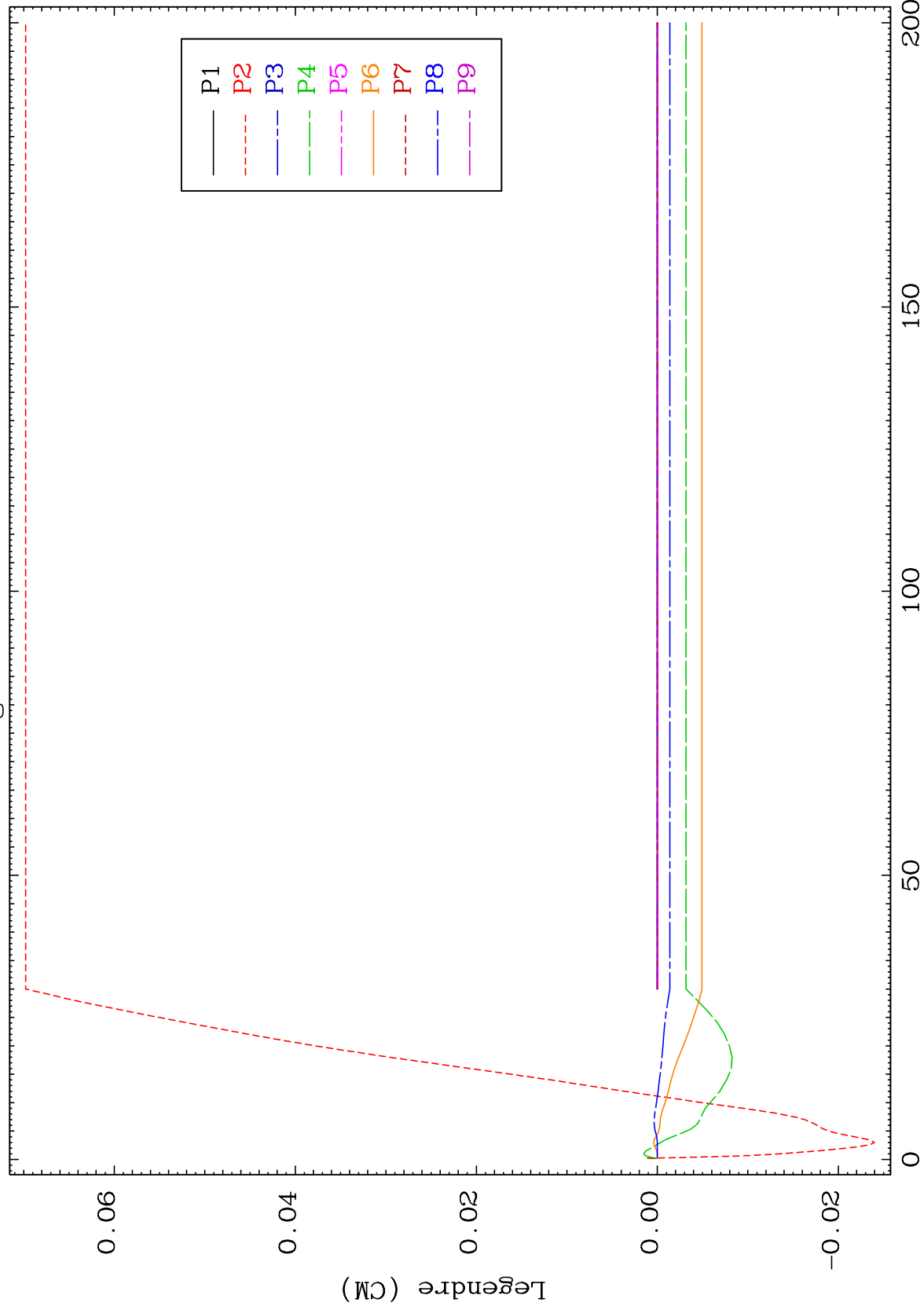
79-Au-178



MAT 7868

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

79-Au-178



32

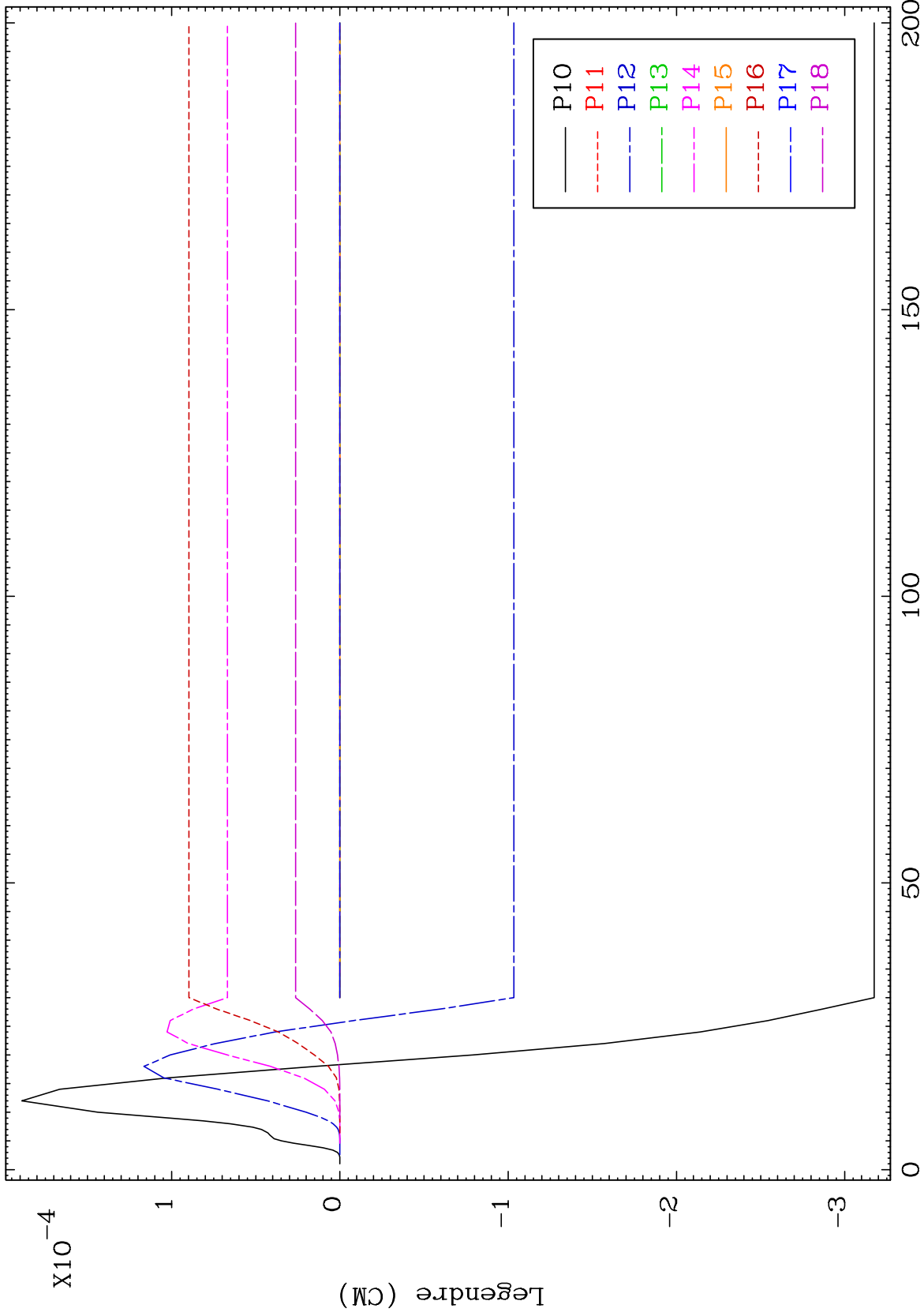
Incident Energy (MeV)

79-Au-178

MAT 7868

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

79-Au-178



33

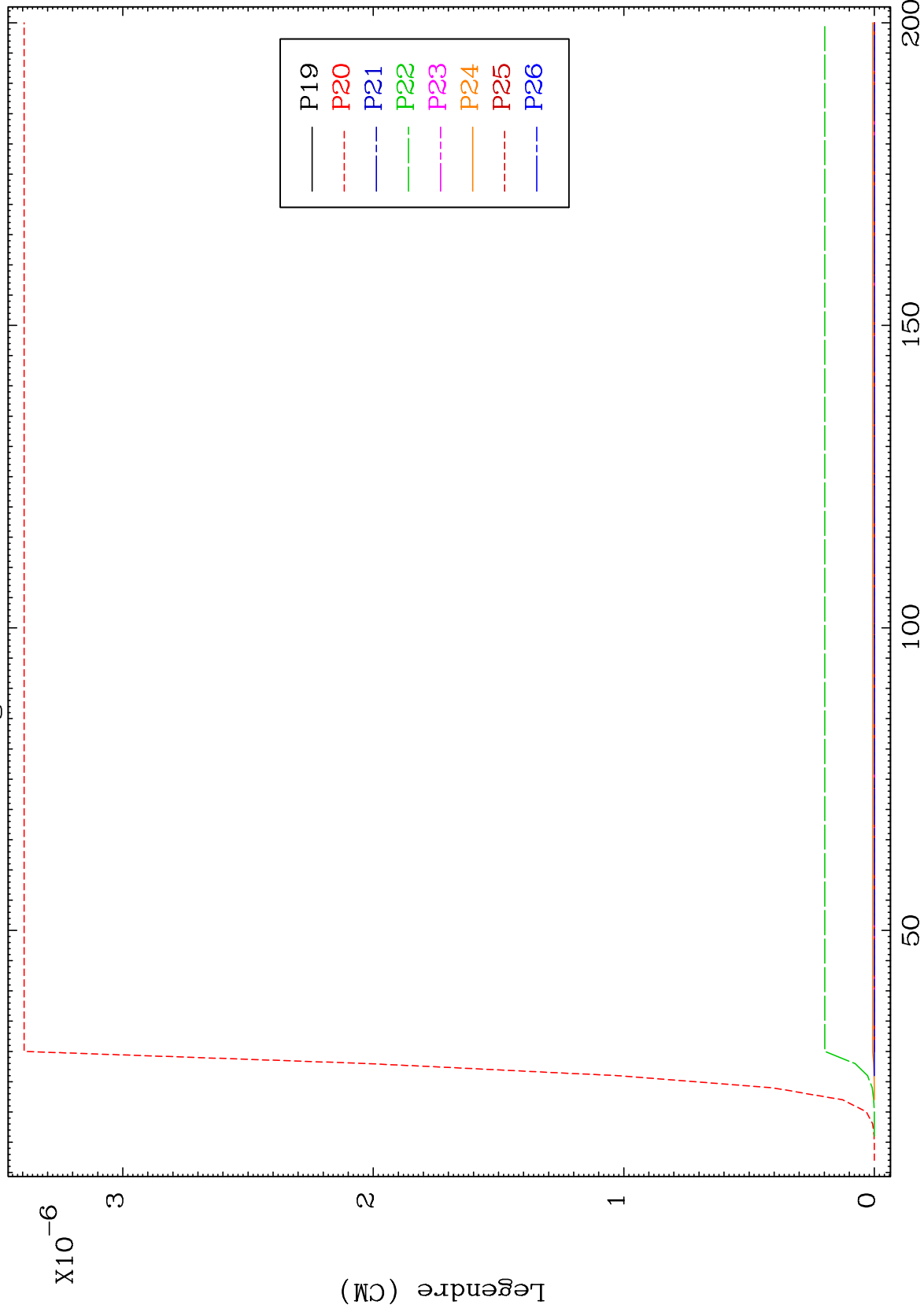
Incident Energy (MeV)

79-Au-178

MAT 7868

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

79-Au-178



34

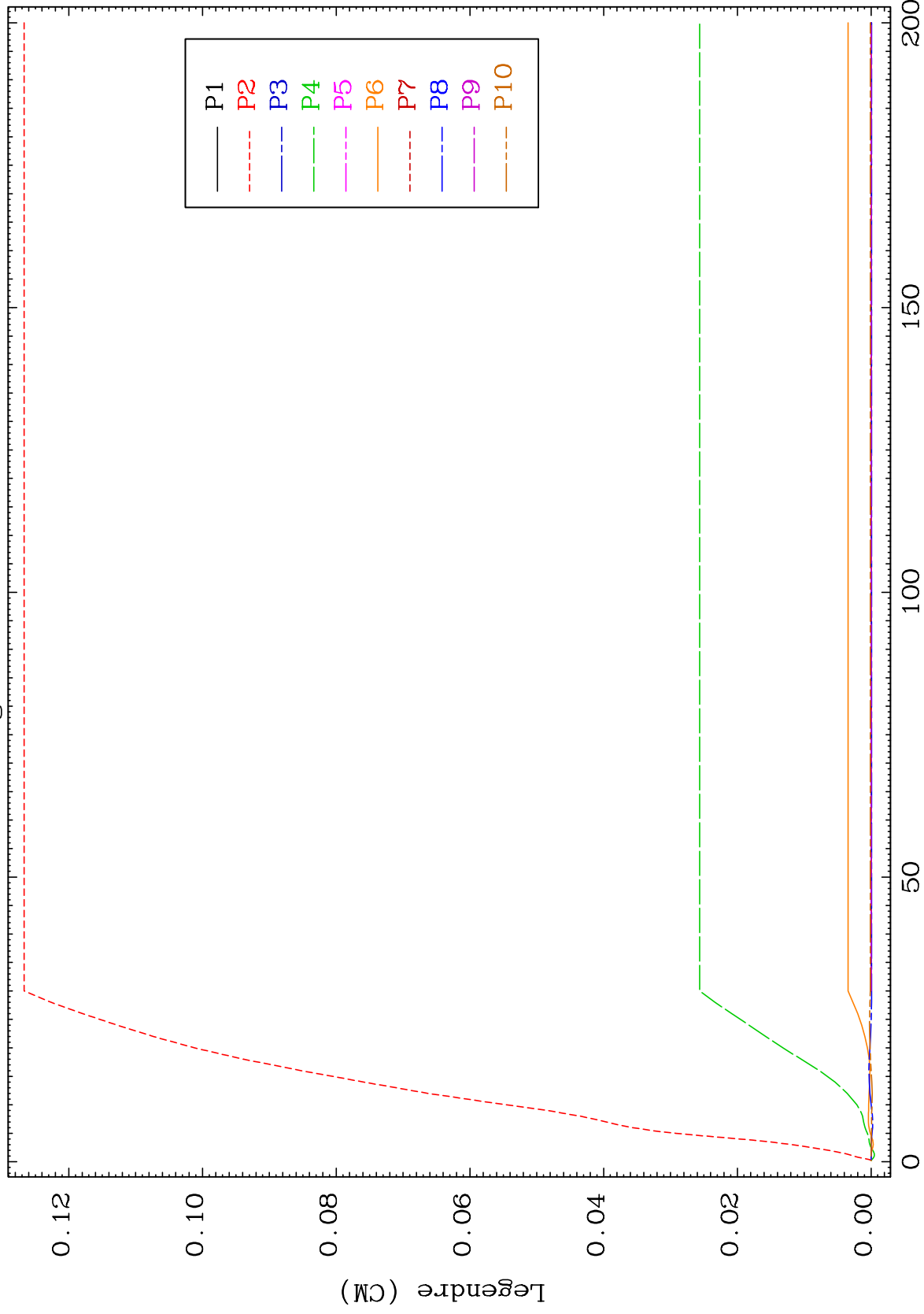
Incident Energy (MeV)

79-Au-178

MAT 7868

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

79-Au-178



79-Au-178

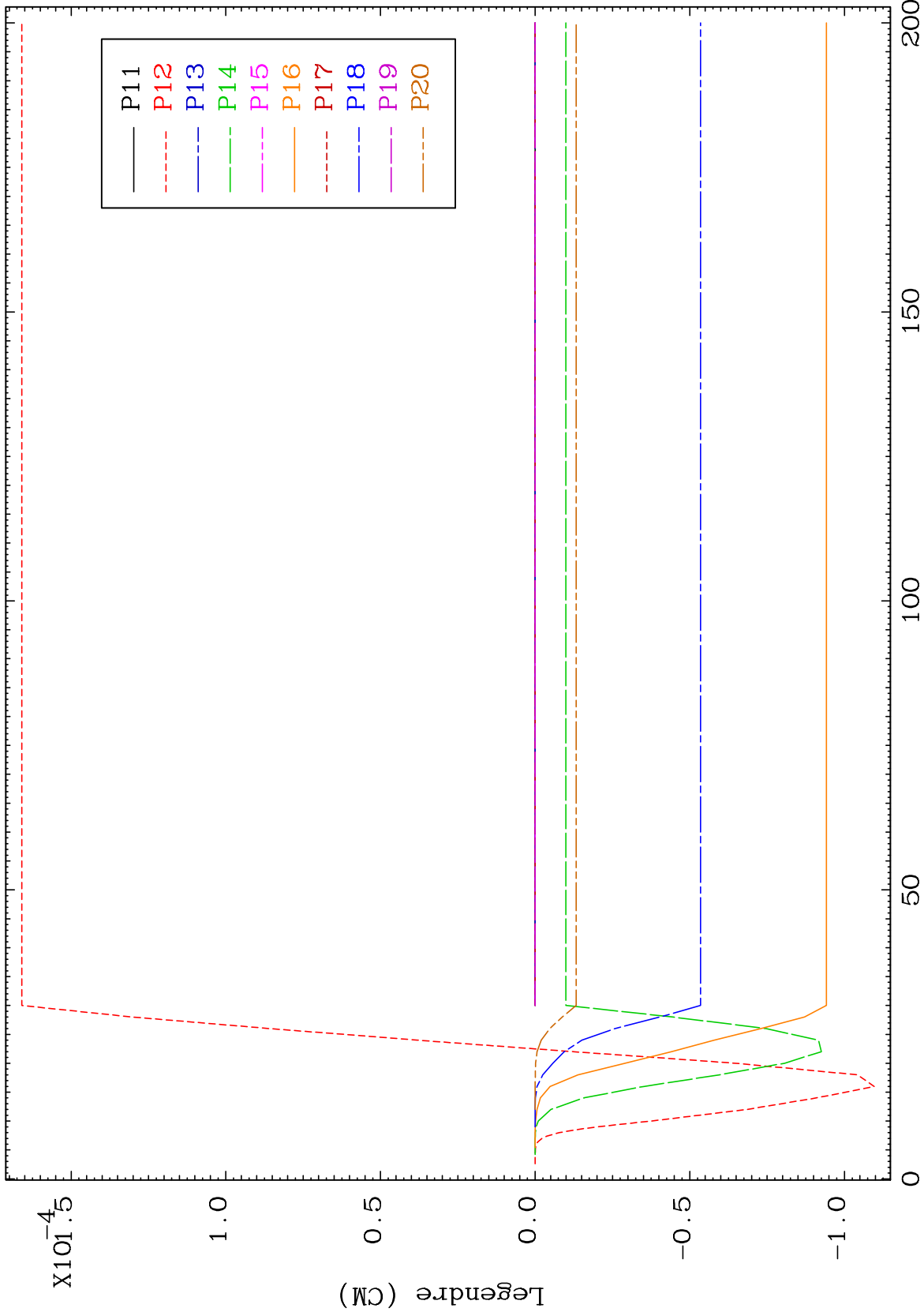
Incident Energy (MeV)

35

MAT 7868

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

79-Au-178



36

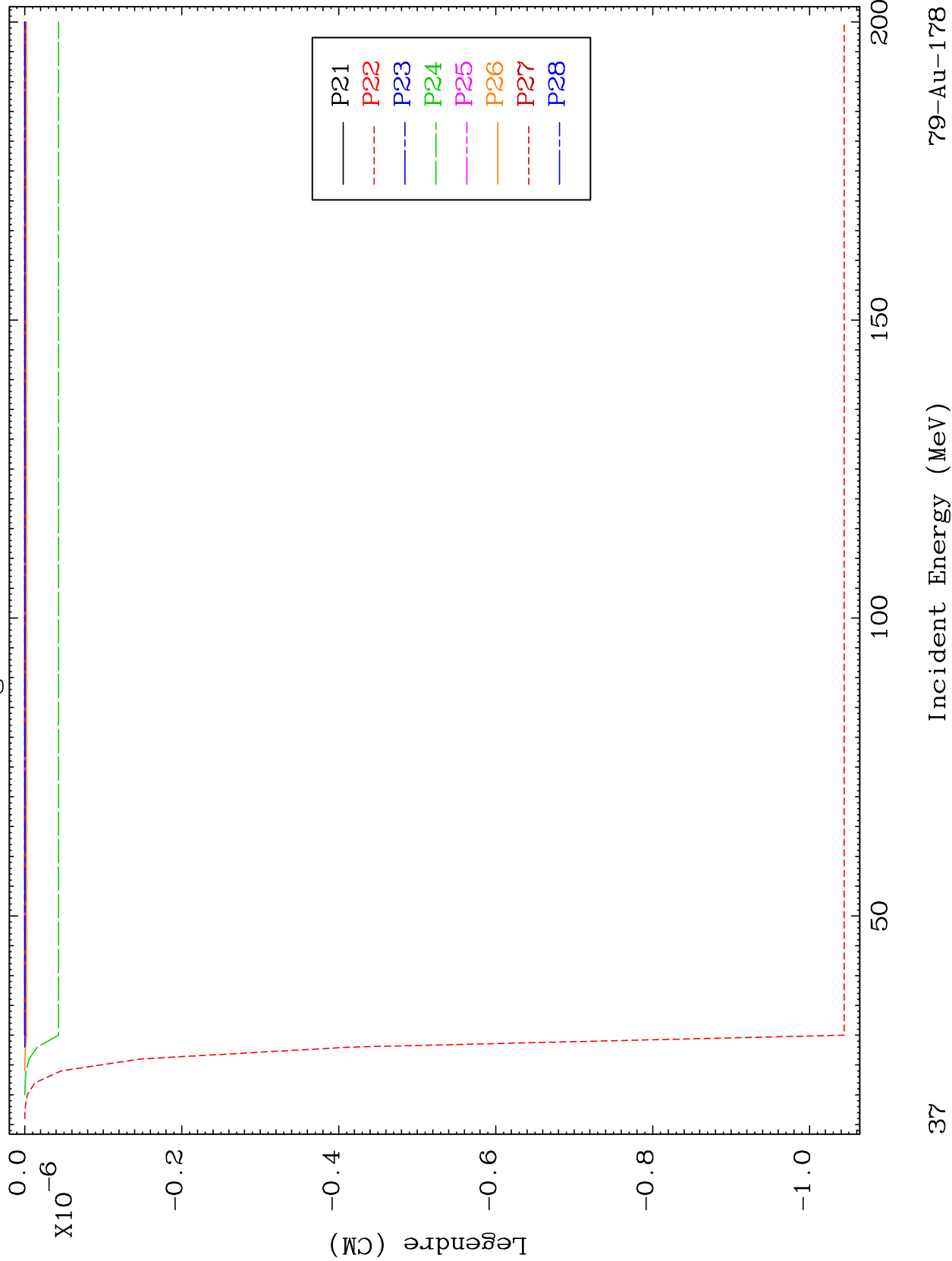
Incident Energy (MeV)

79-Au-178

MAT 7868

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

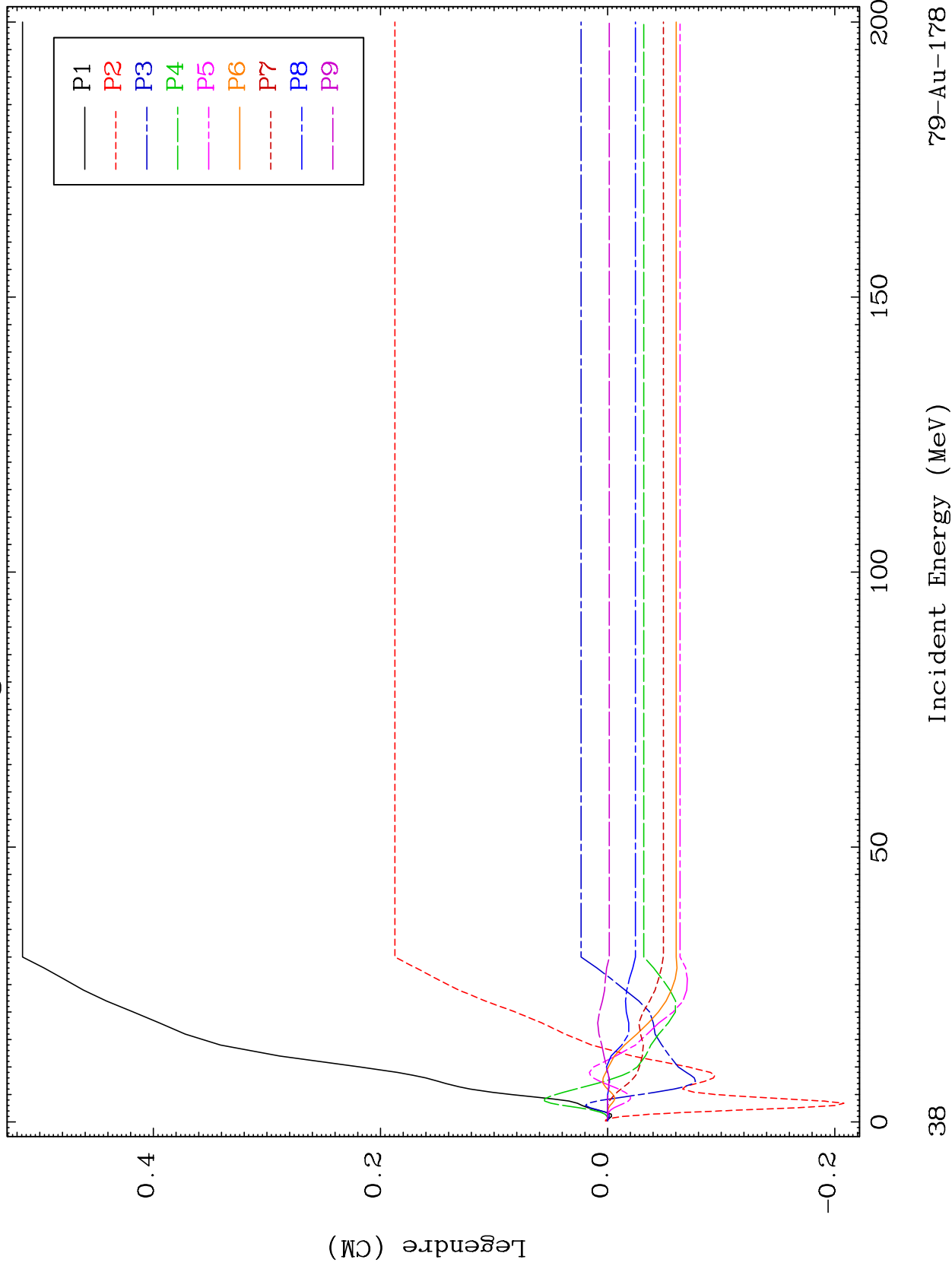
79-Au-178



MAT 7868

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

79-Au-178



79-Au-178

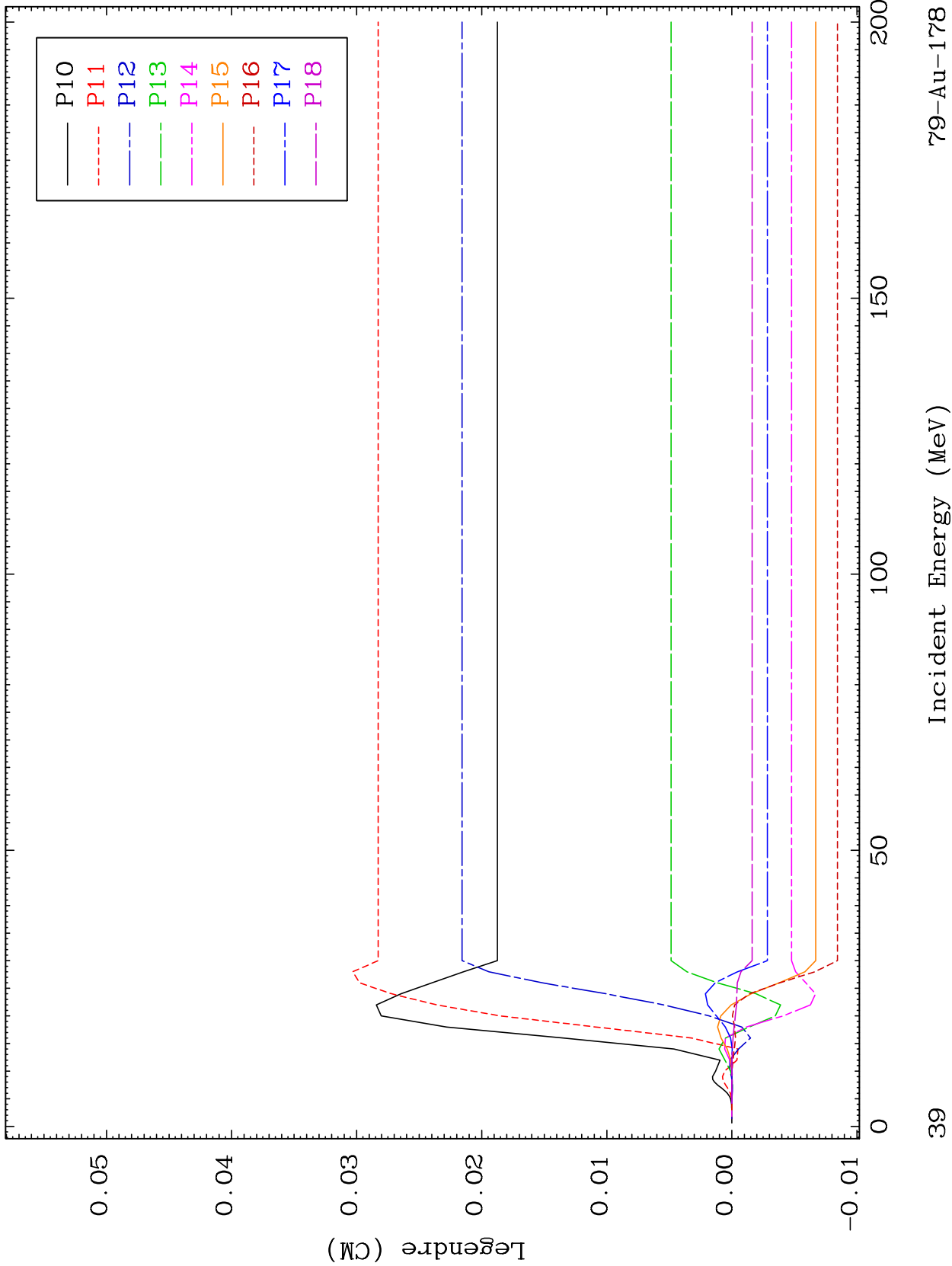
Incident Energy (MeV)

38

MAT 7868

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

79-Au-178



39

Incident Energy (MeV)

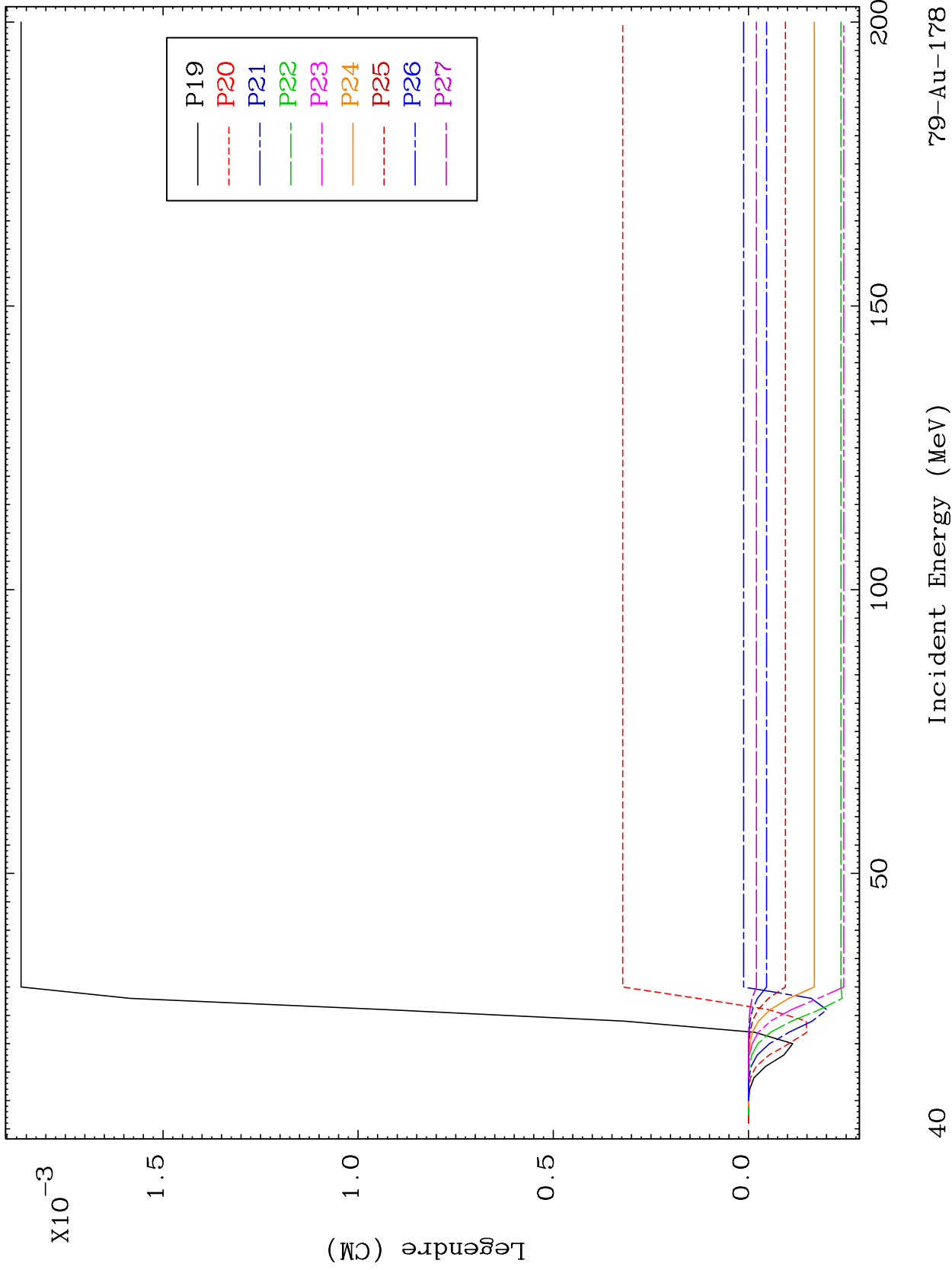
79-Au-178



MAT 7868

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

79-Au-178



40

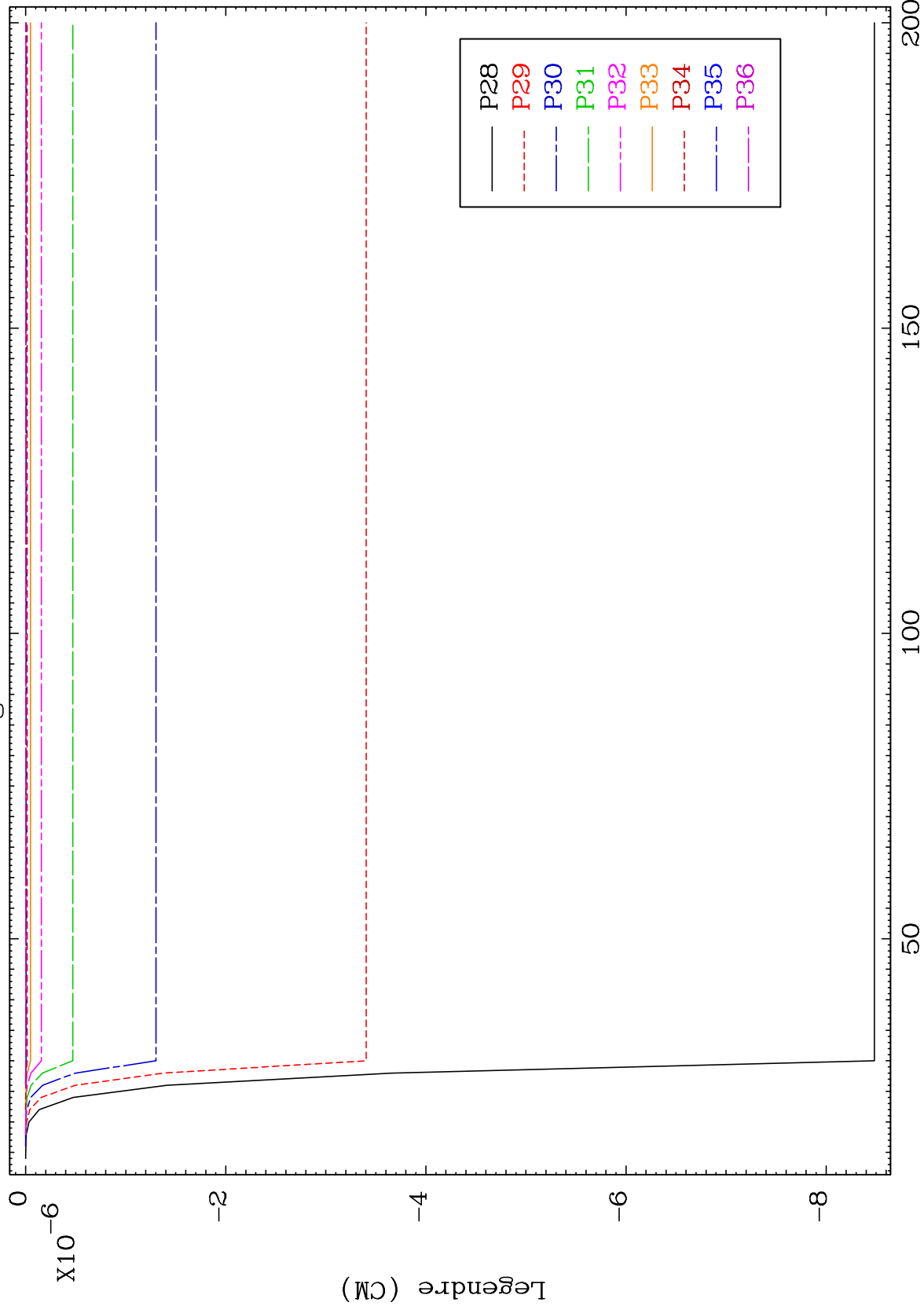
Incident Energy (MeV)

79-Au-178

MAT 7868

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

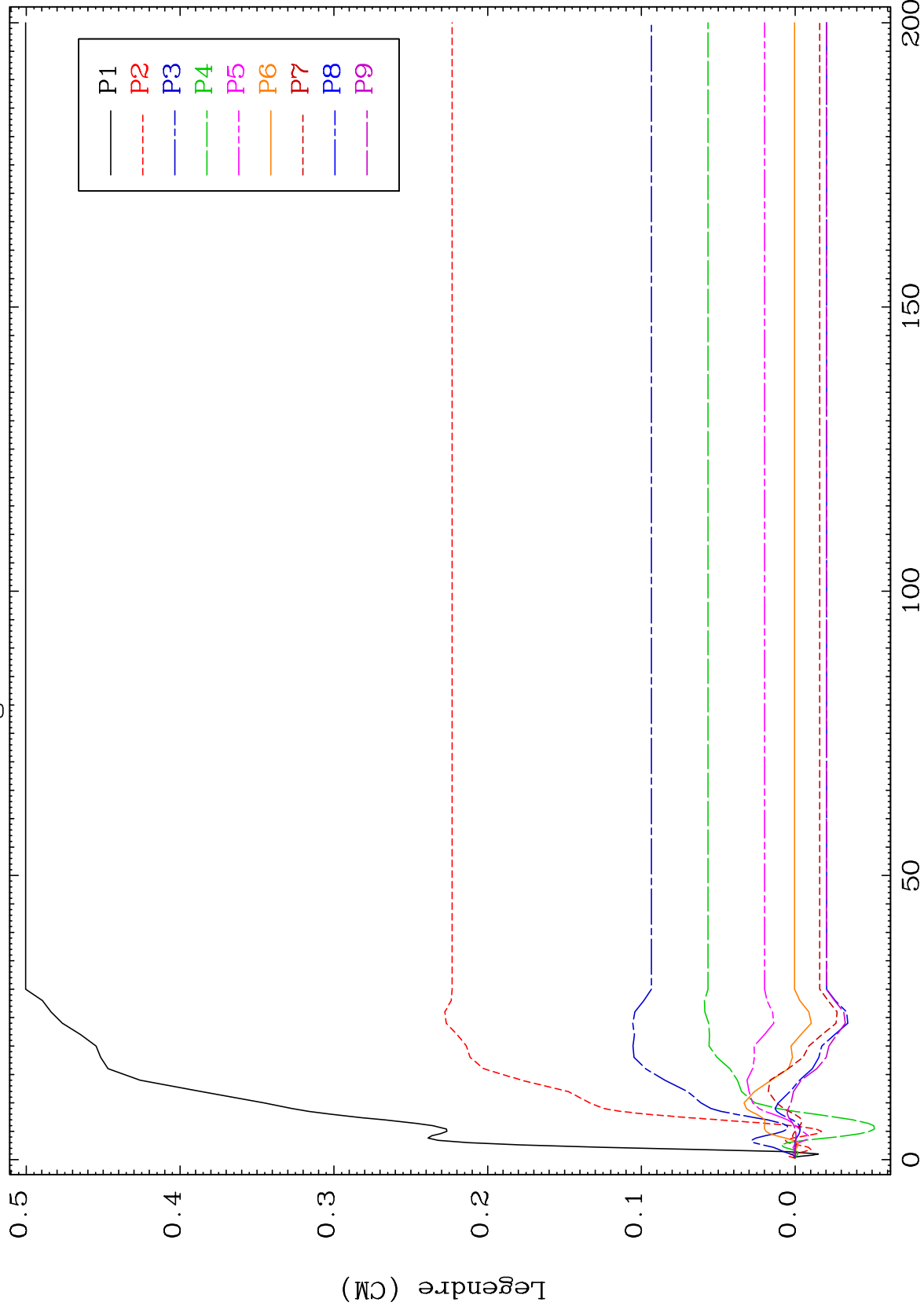
79-Au-178



MAT 7868

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

79-Au-178



79-Au-178

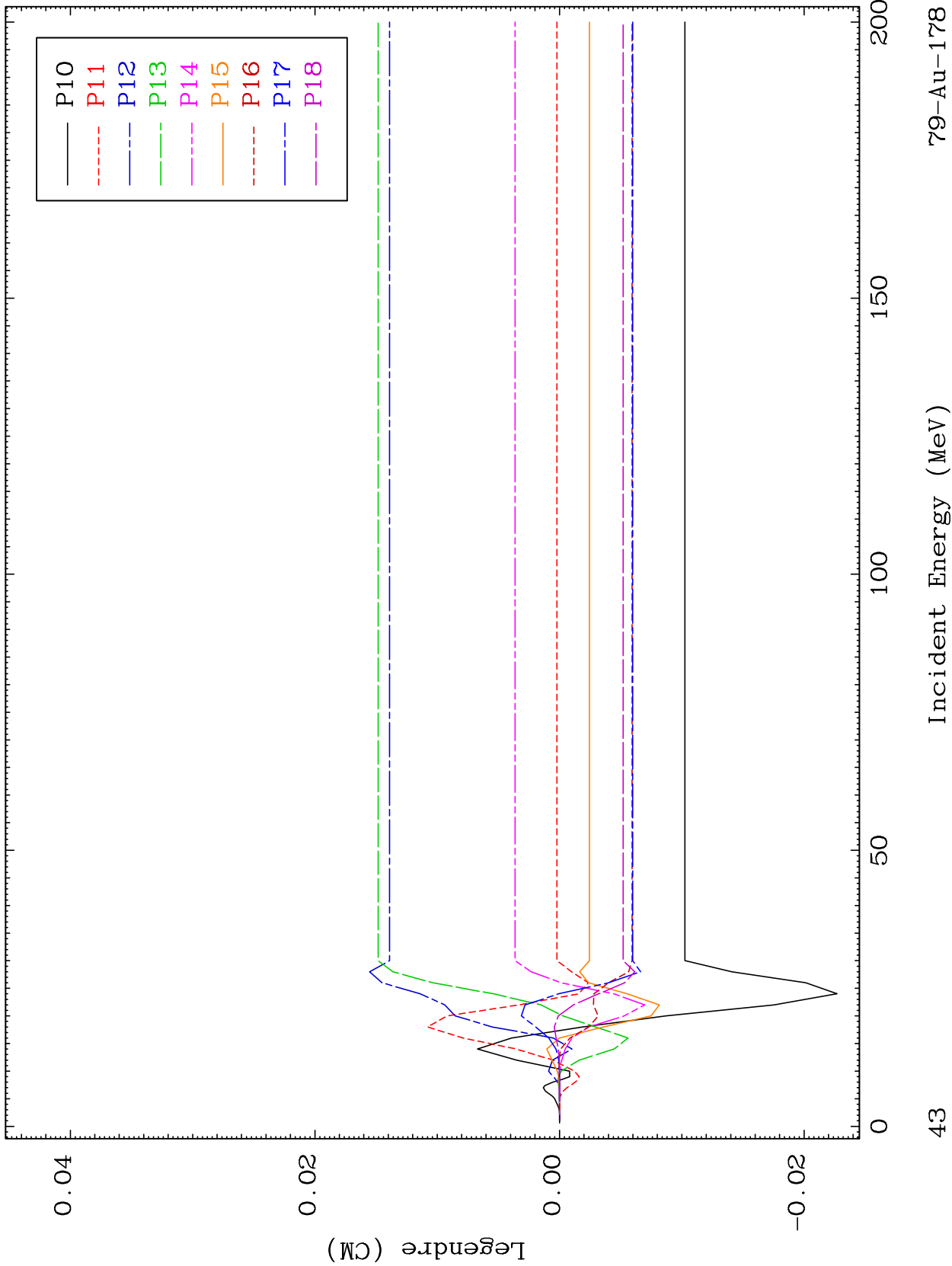
Incident Energy (MeV)

42

MAT 7868

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

79-Au-178



79-Au-178

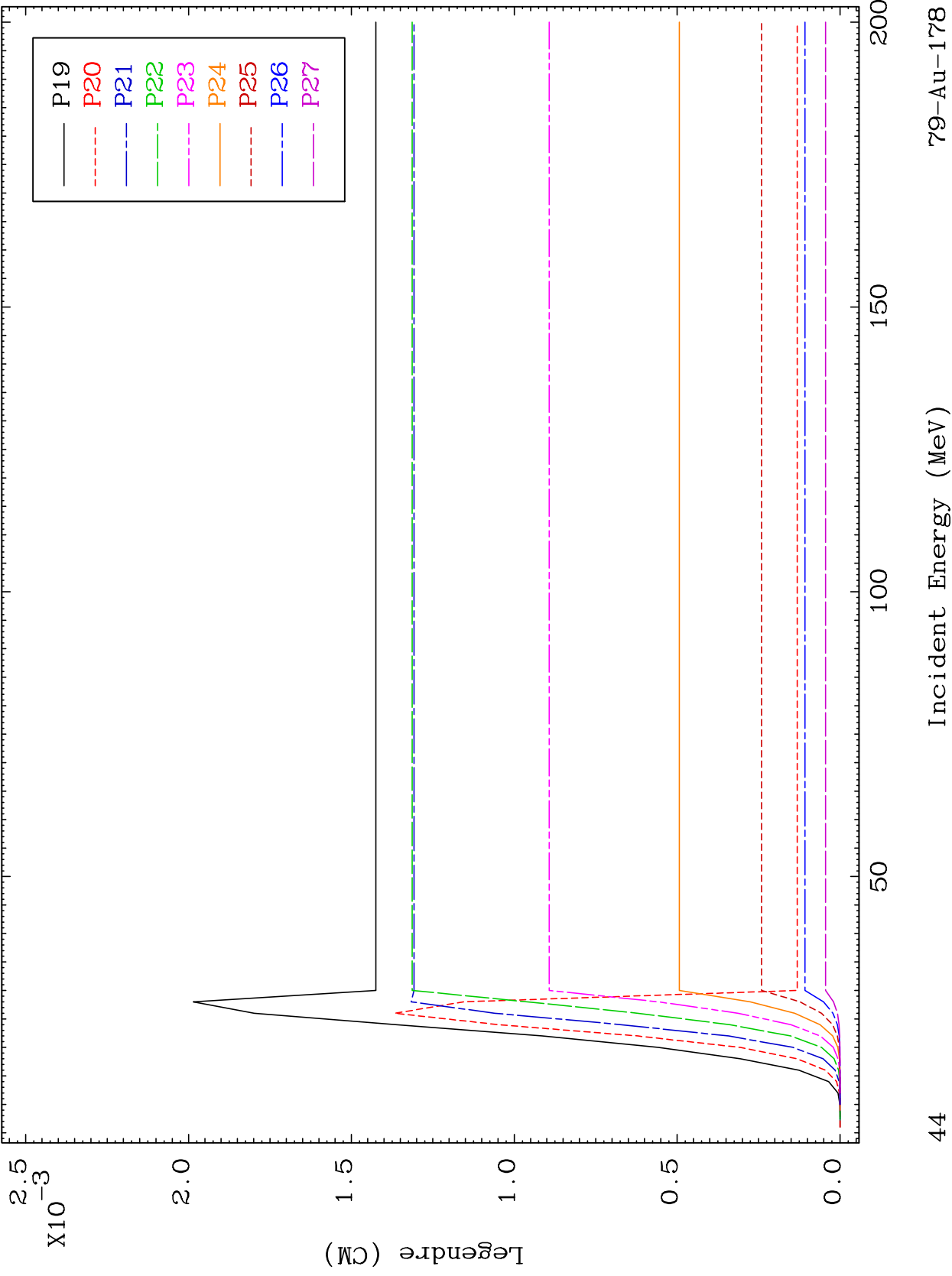
Incident Energy (MeV)

43

MAT 7868

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

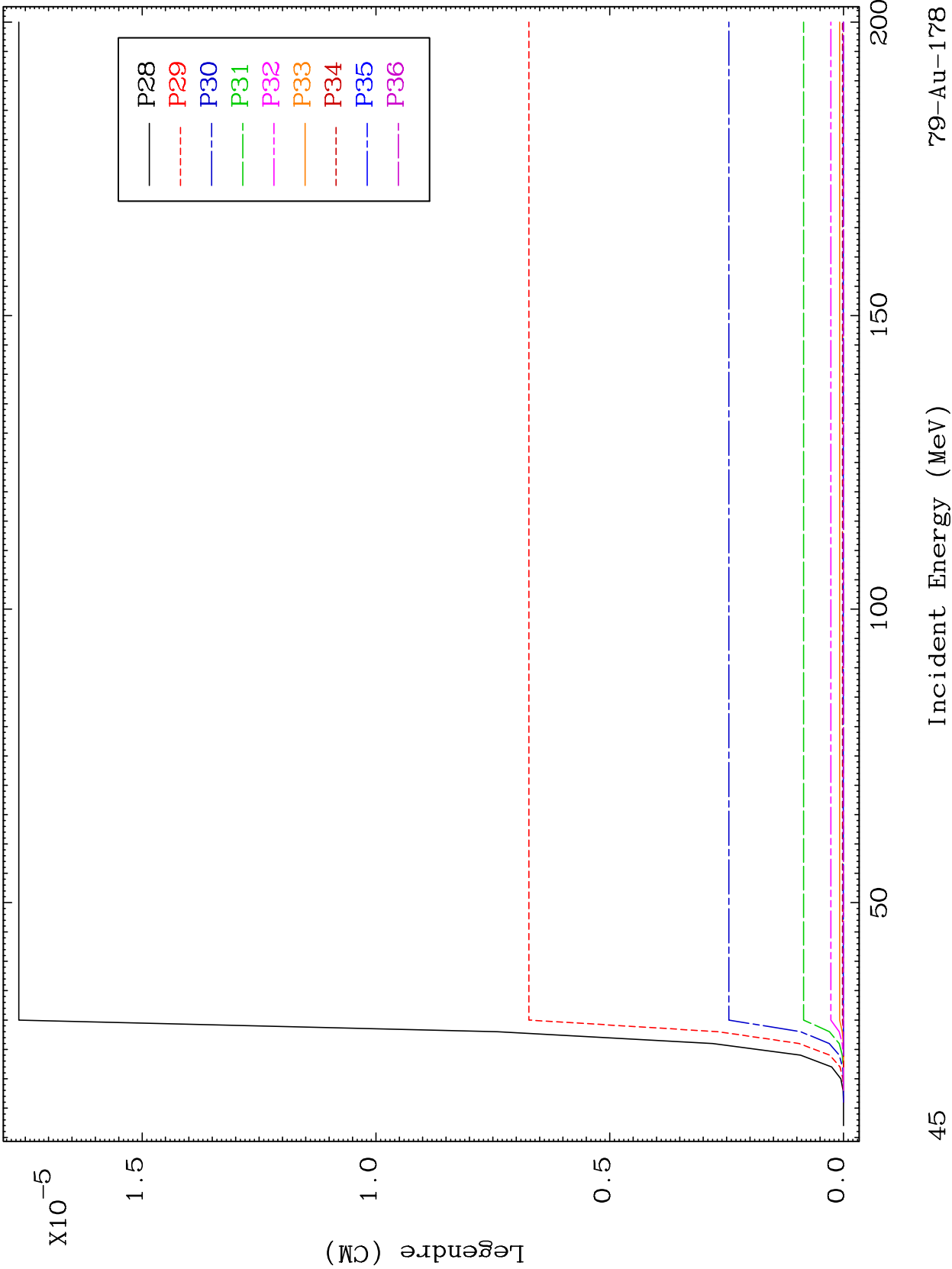
79-Au-178



MAT 7868

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

79-Au-178



79-Au-178

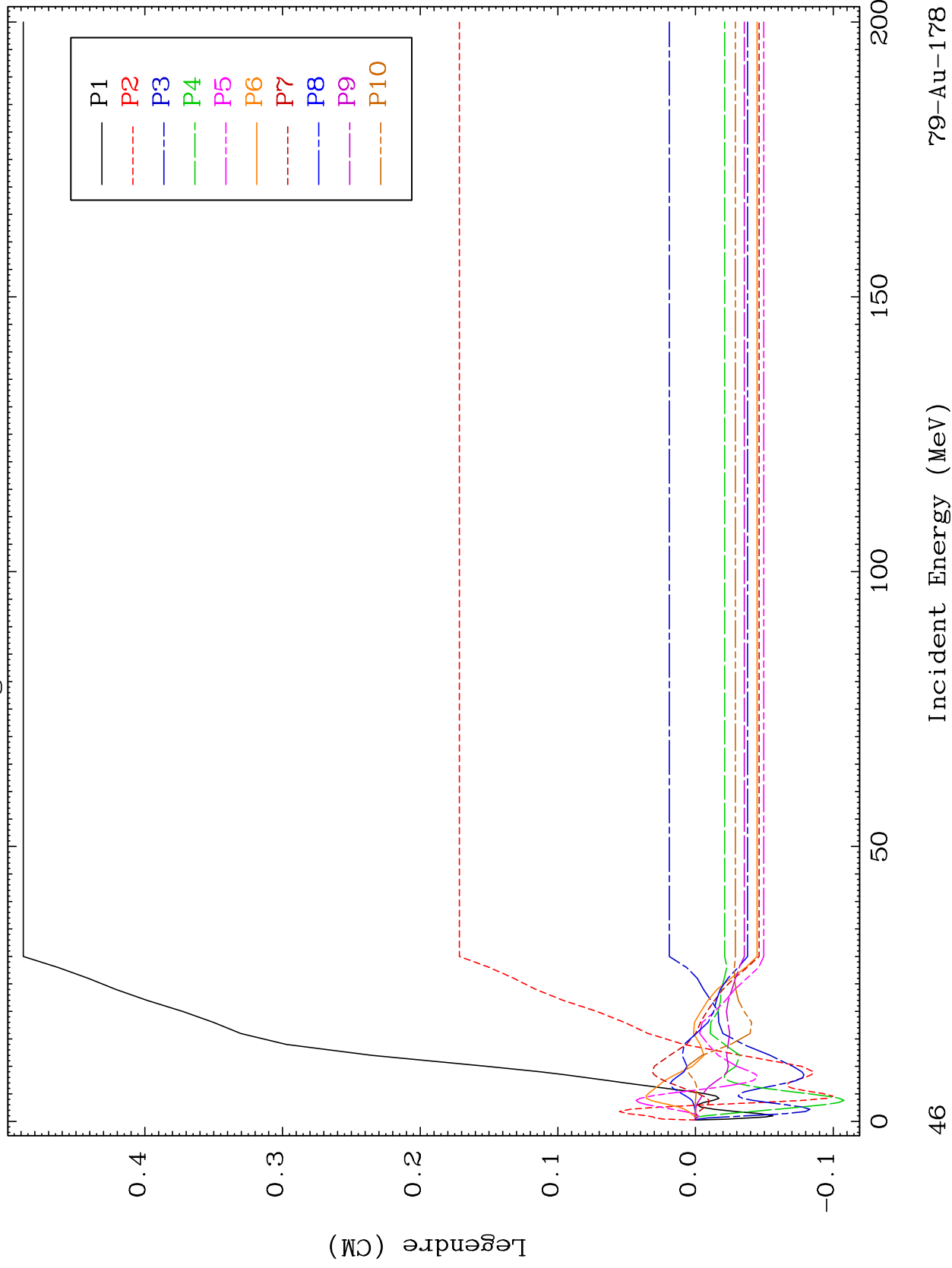
Incident Energy (MeV)

45

MAT 7868

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

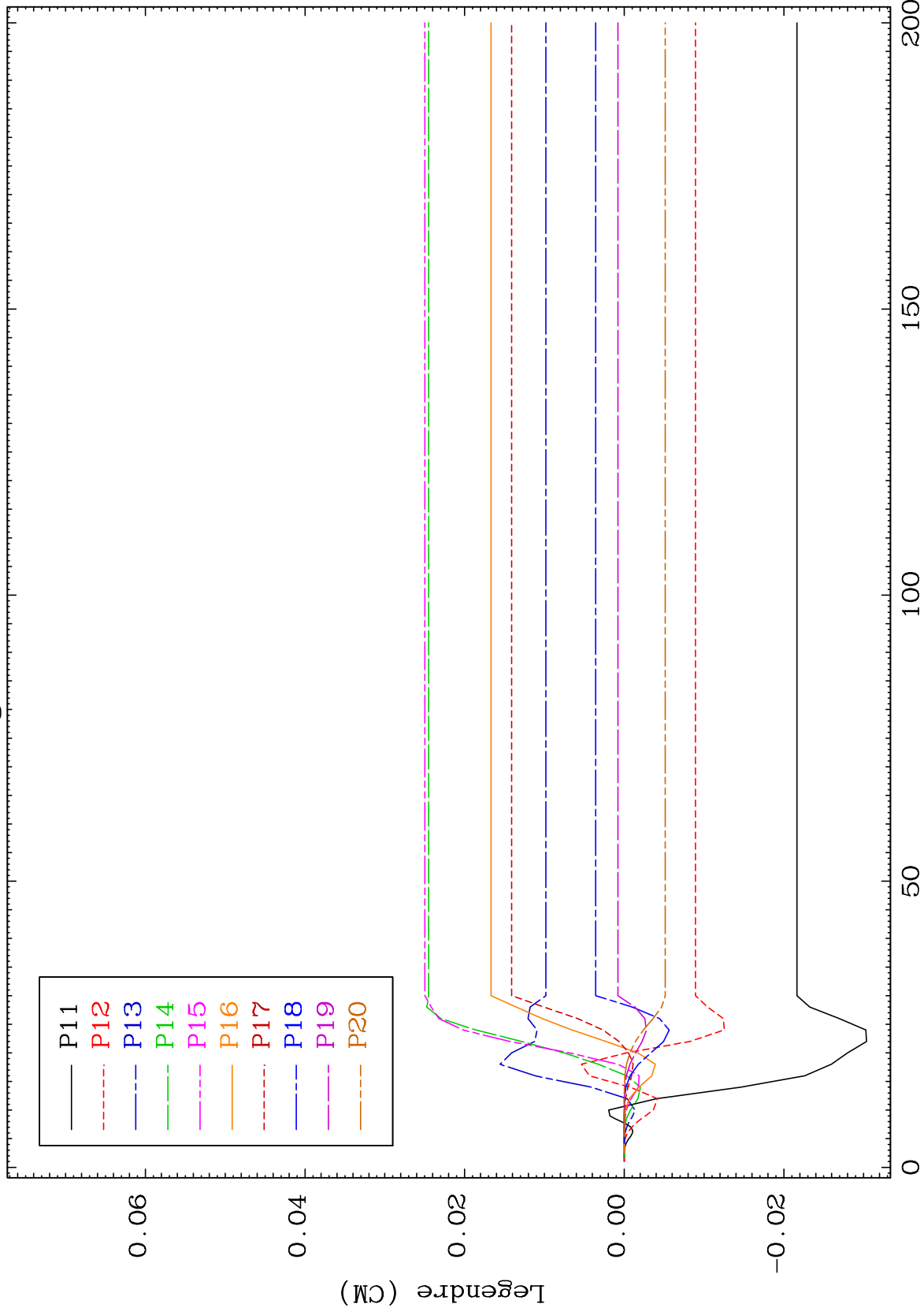
79-Au-178



MAT 7868

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

79-Au-178



47

Incident Energy (MeV)

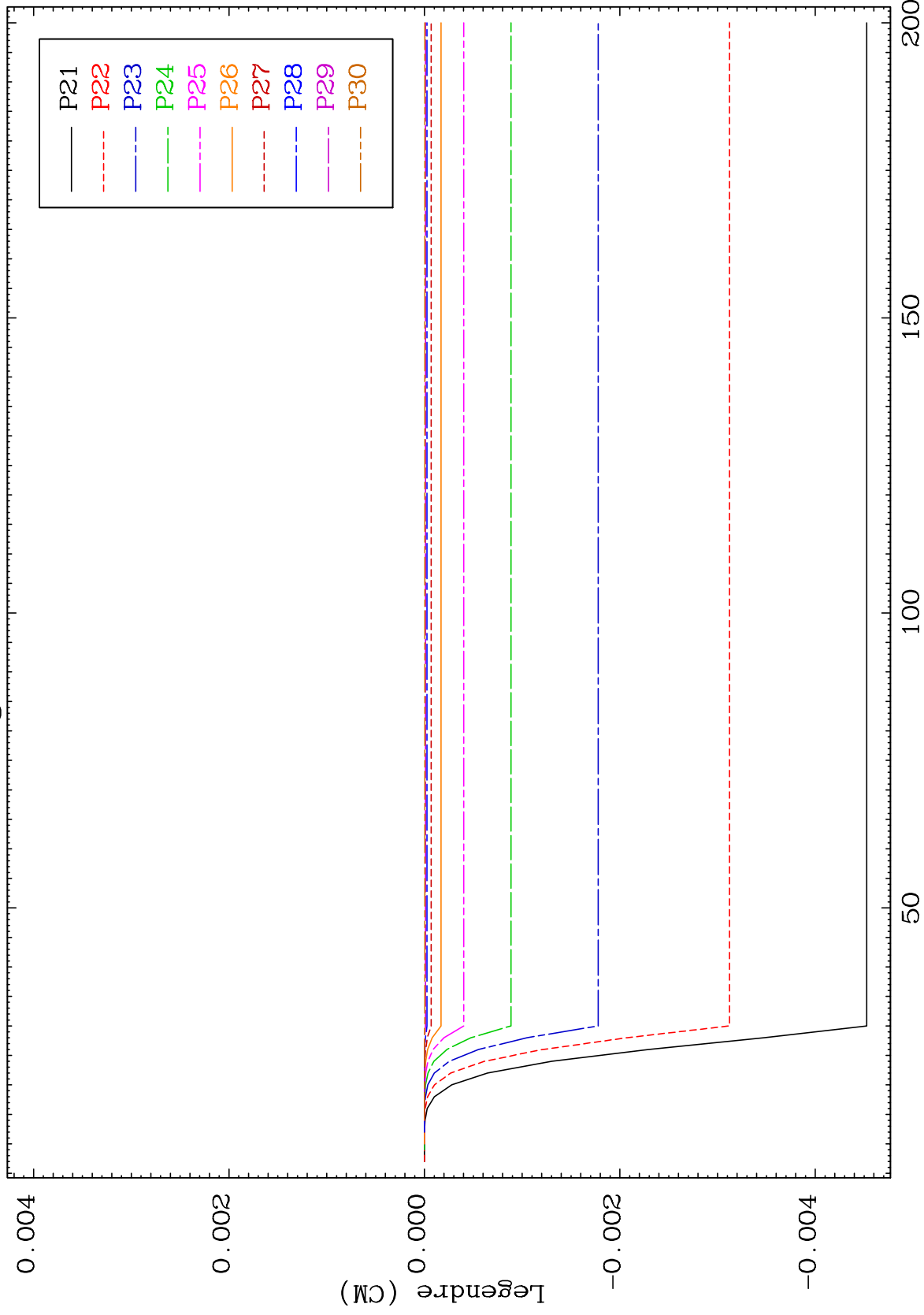
79-Au-178



MAT 7868

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

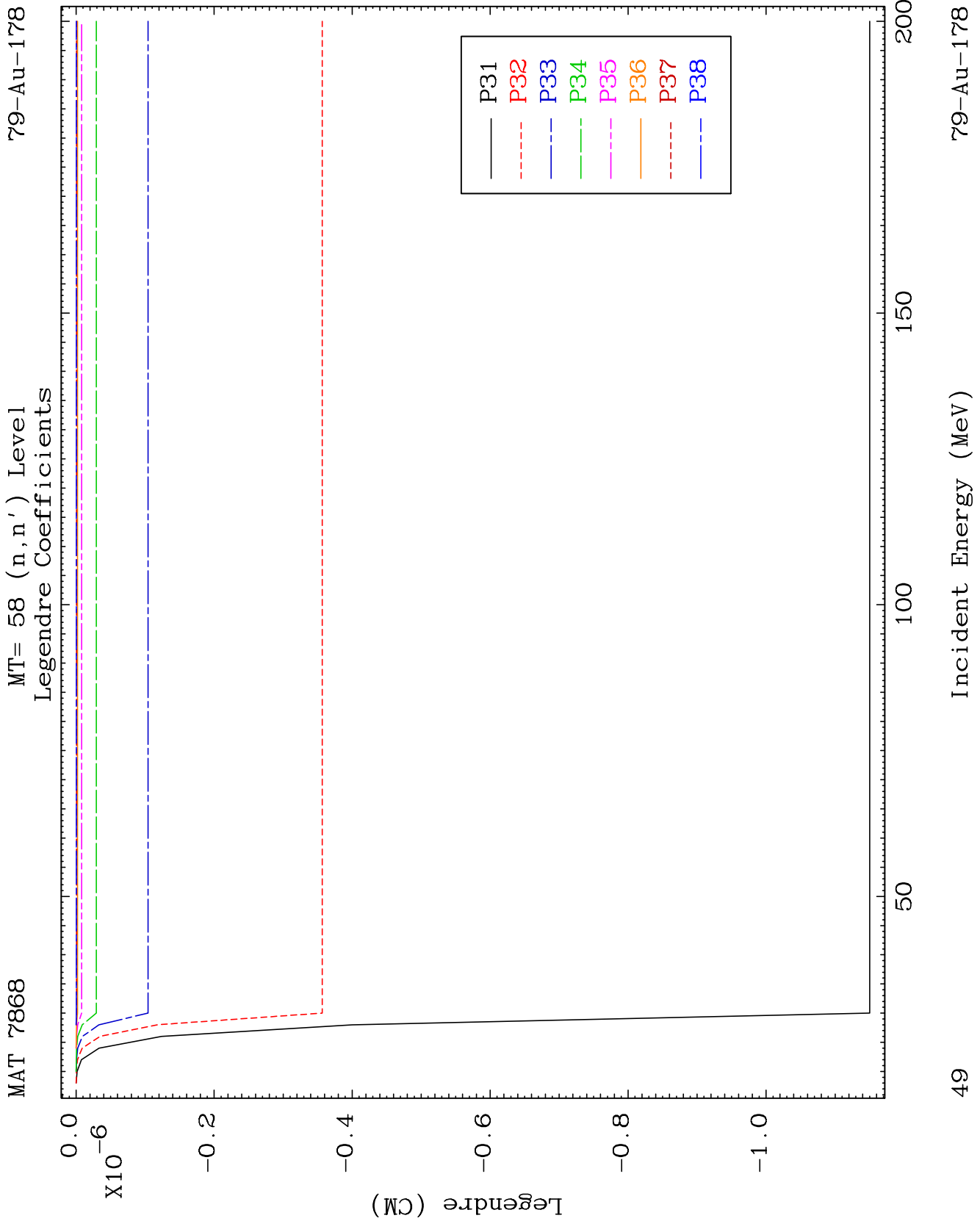
79-Au-178



48

Incident Energy (MeV)

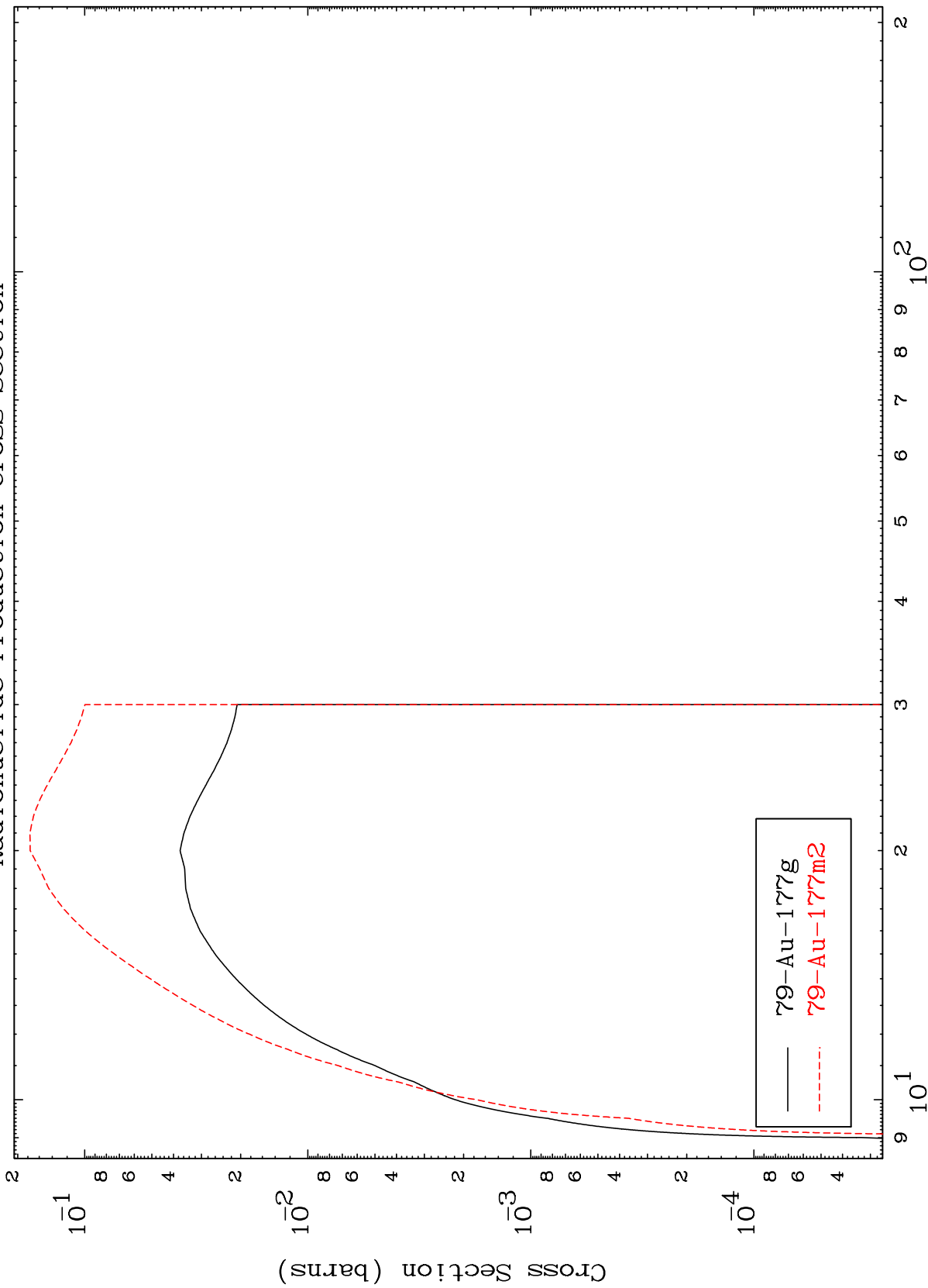
79-Au-178



MAT 7868

79-Au-178

(n,2n)  
Radionuclide Production Cross Section



79-Au-178

Incident Energy (MeV)

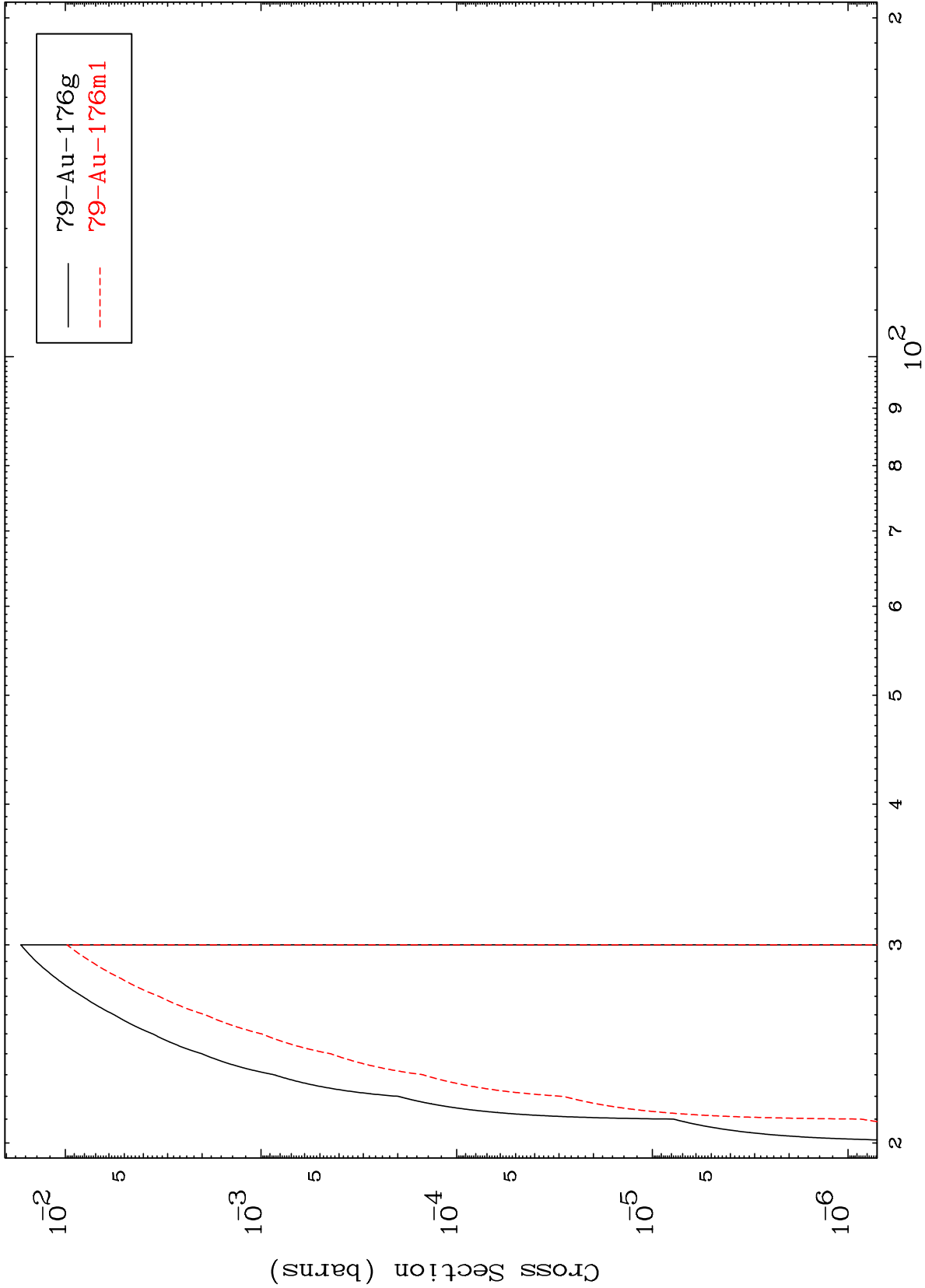
50

MAT 7868

(n,3n)

<sup>79</sup>Au-178

Radionuclide Production Cross Section



51

Incident Energy (MeV)

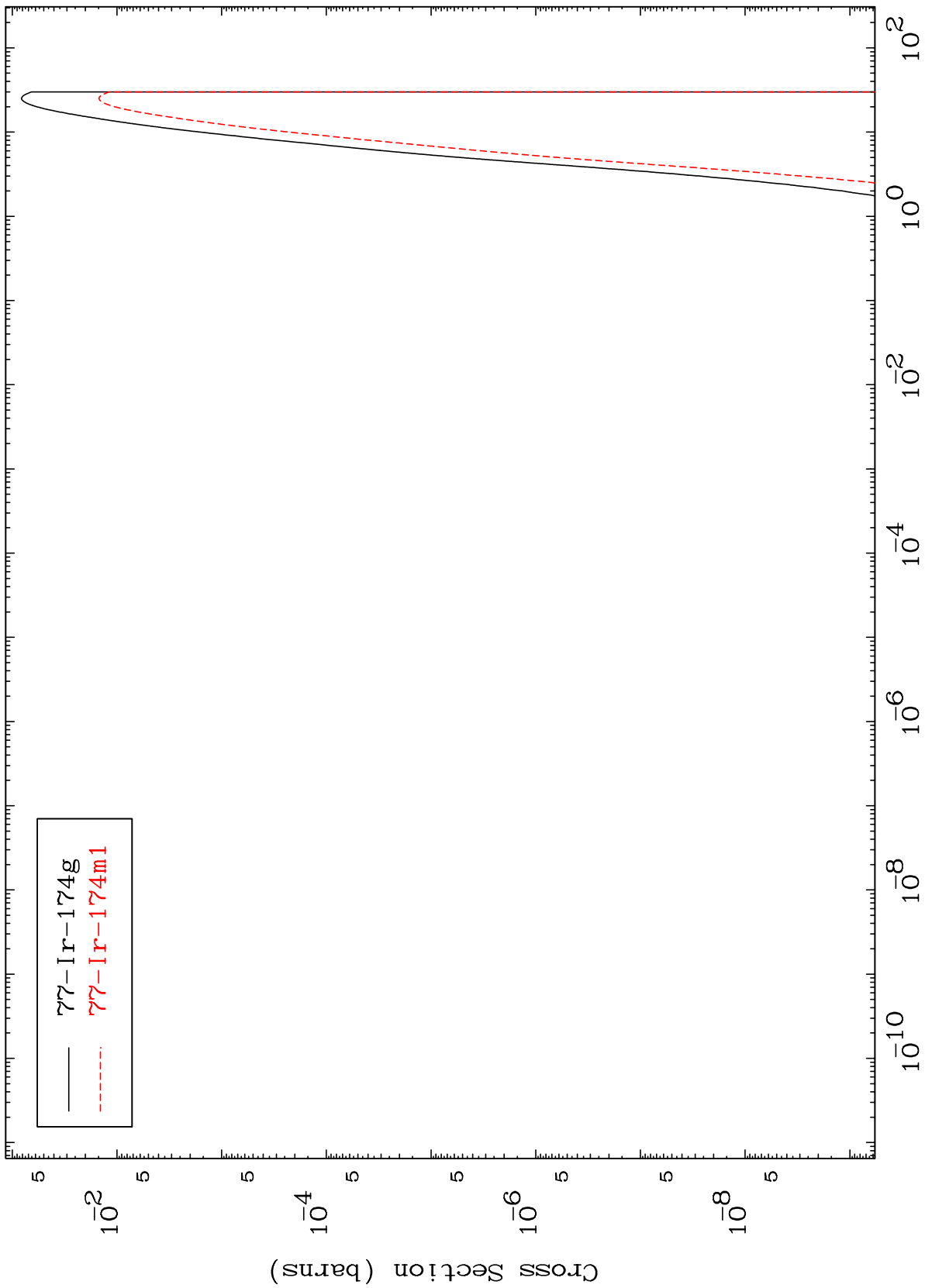
<sup>79</sup>Au-178

MAT 7868

$(n, n')$   $\alpha$

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

Radionuclide Production Cross Section

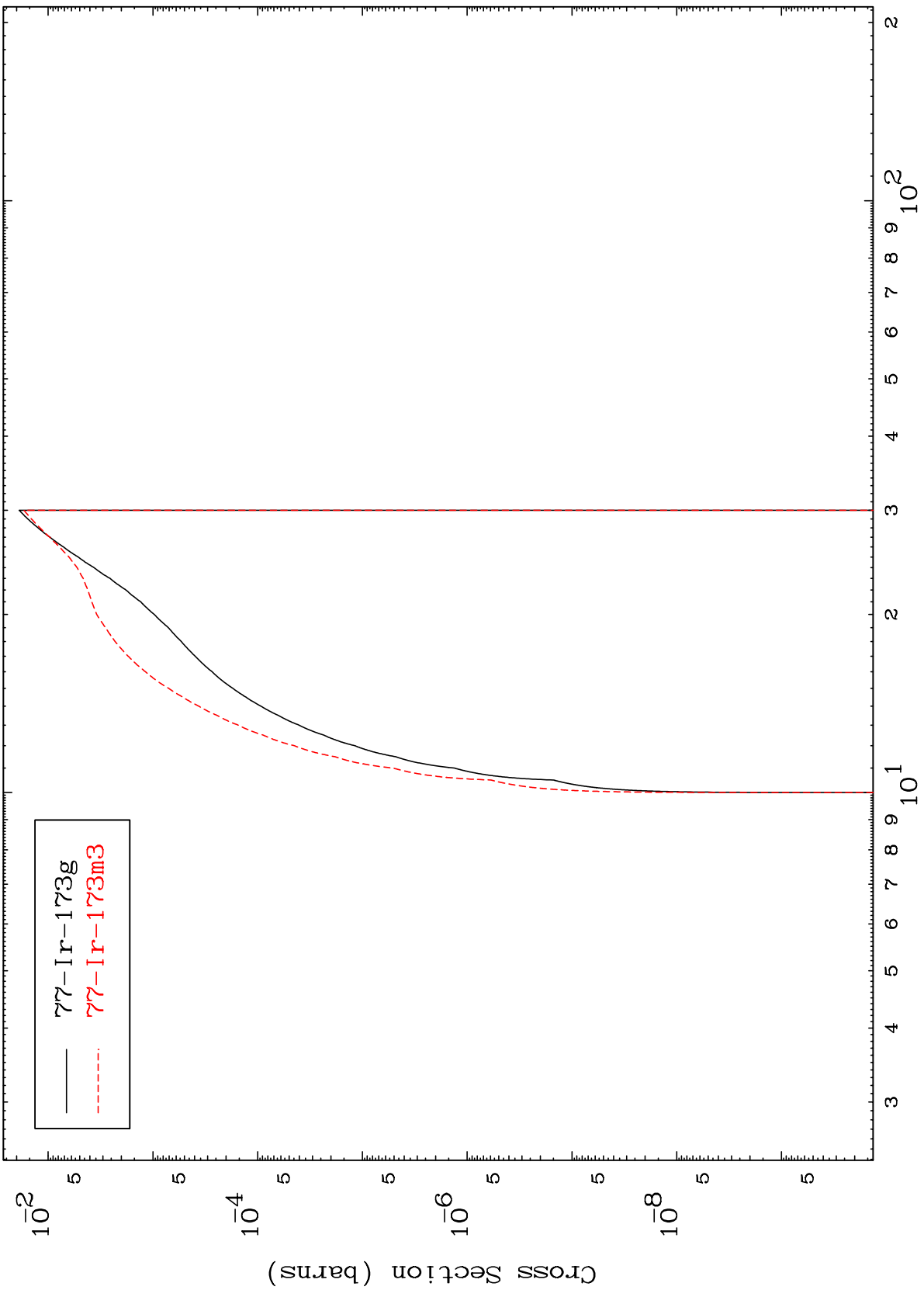


MAT 7868

(n,2n)  $\alpha$

79-Au-178

Radionuclide Production Cross Section

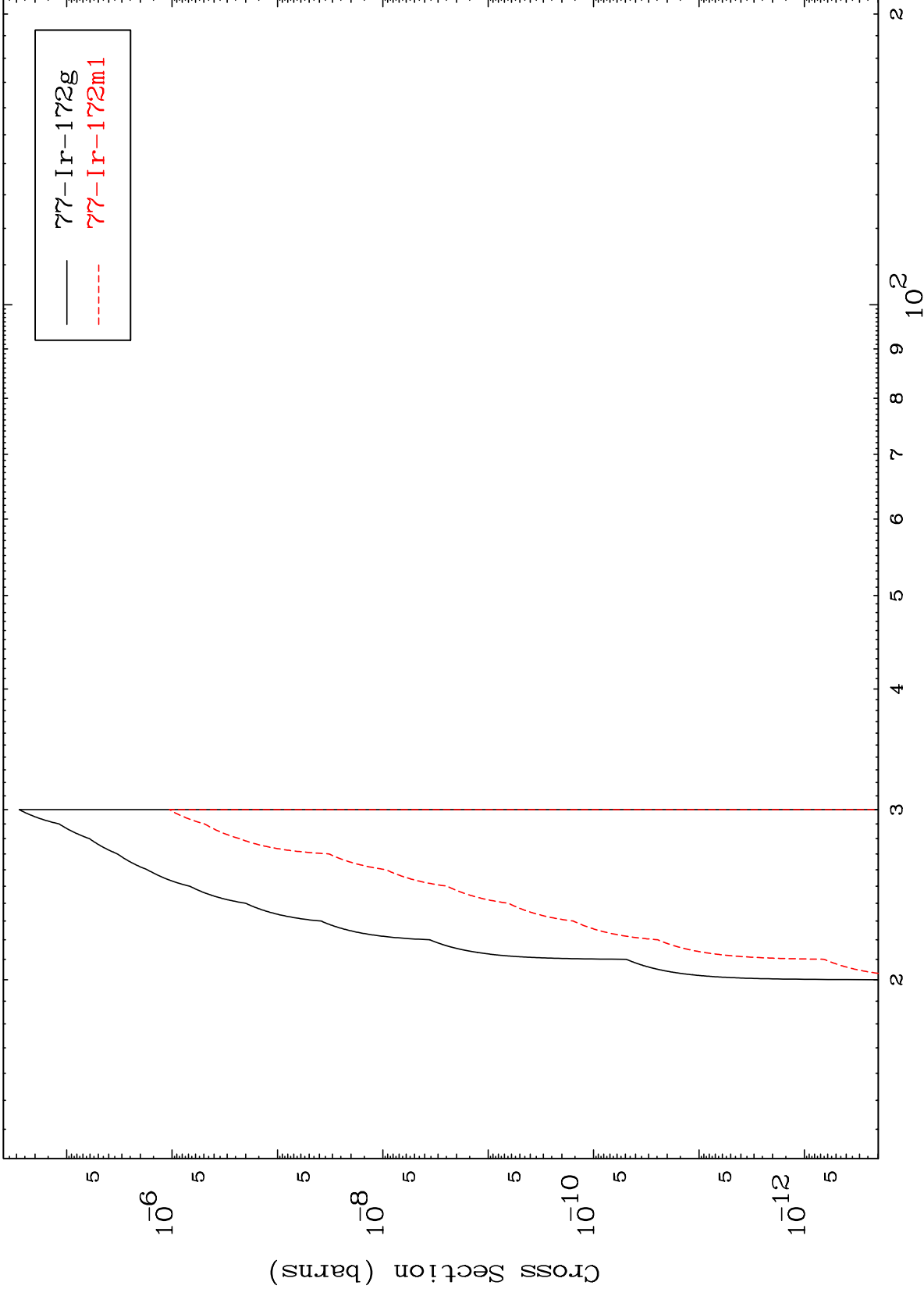


Incident Energy (MeV)

79-Au-178

53

Radionuclide Production Cross Section



MAT 7868

(n,2n) 2α

79-Au-178

Radionuclide Production Cross Section

