

Program EVALPLOT
(Version 2021-1)

by

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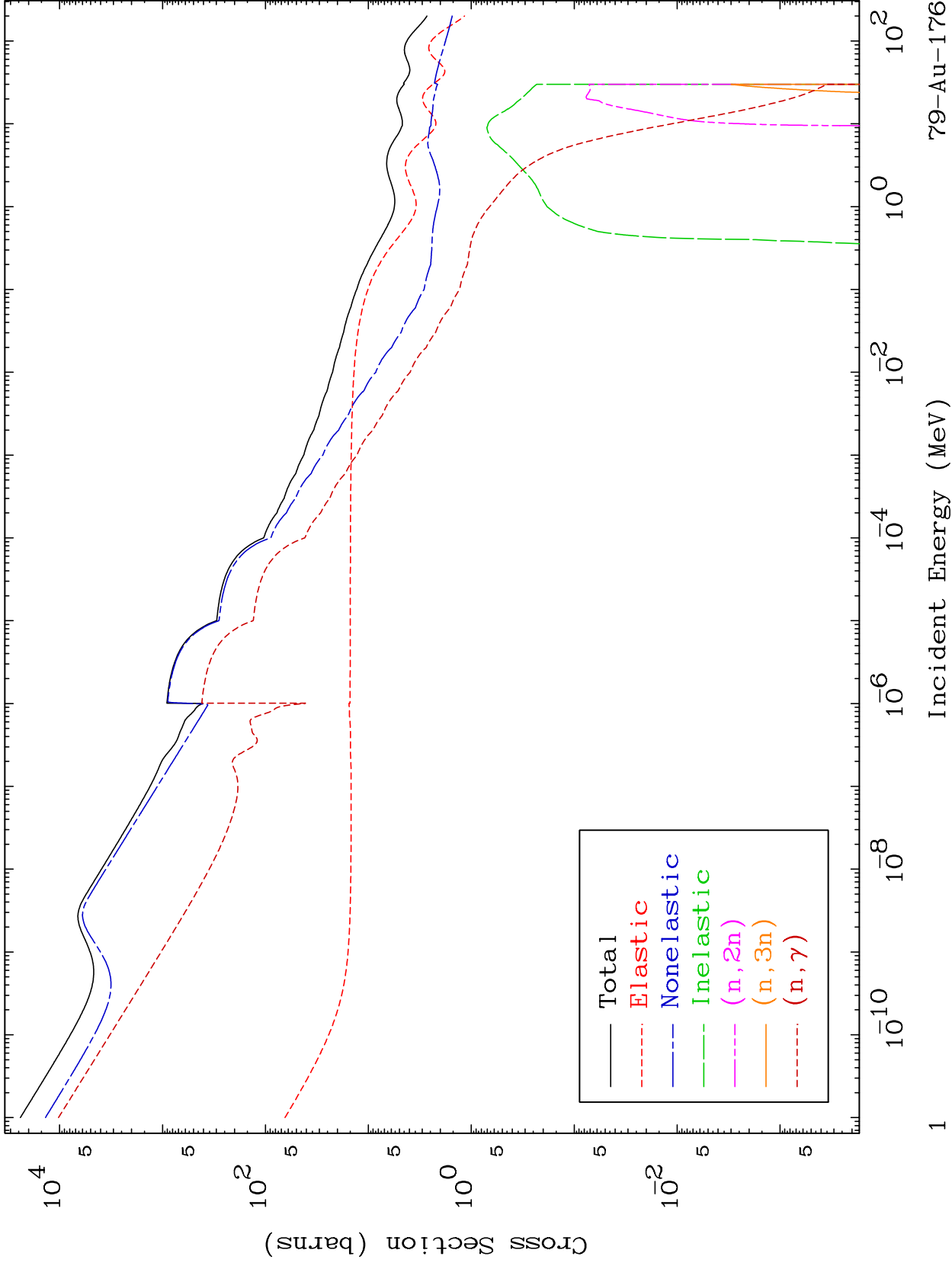
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Press Mouse Button to Start

MAT 7862

Neutron Major
293 Kelvin Cross Sections

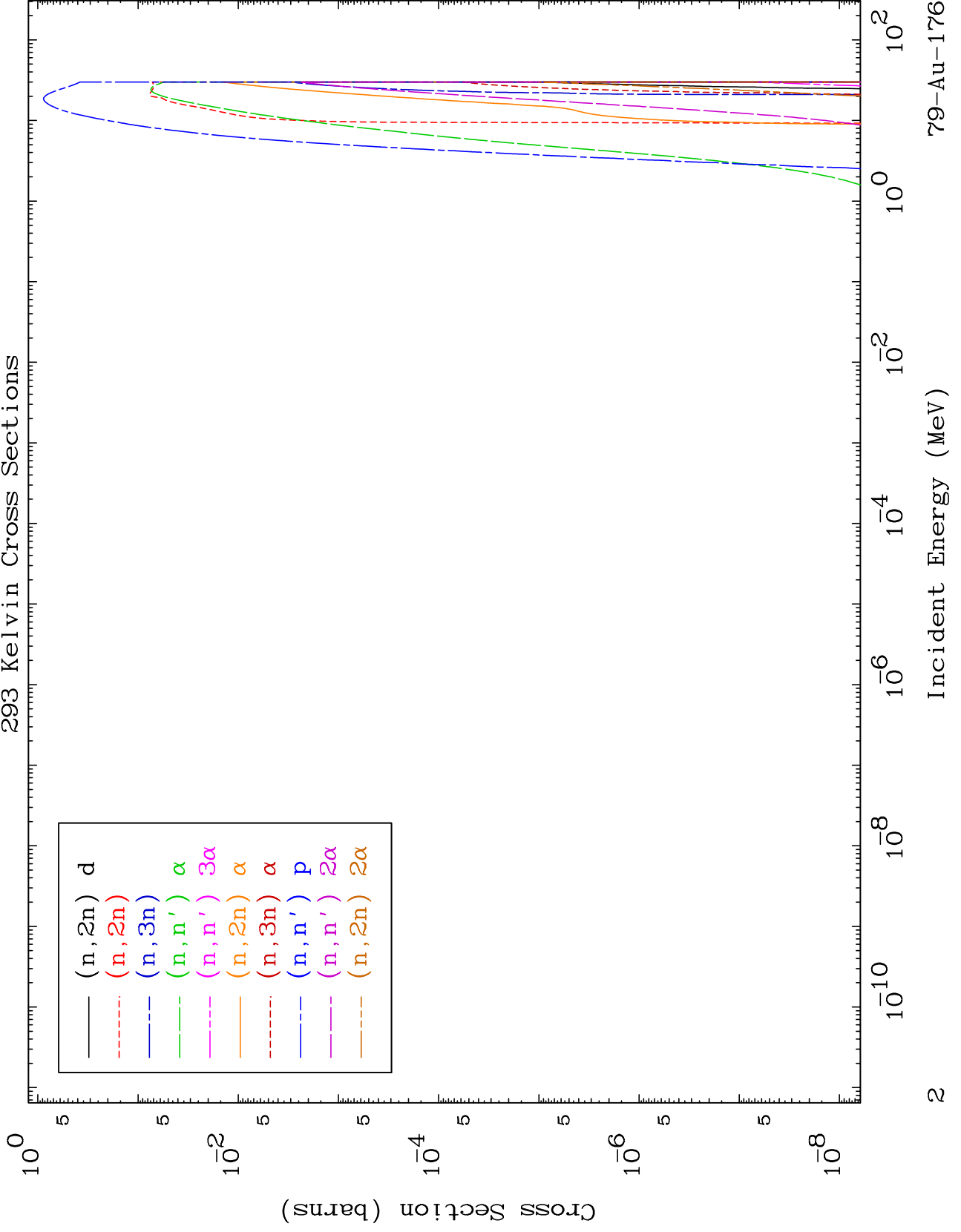
79-Au-176

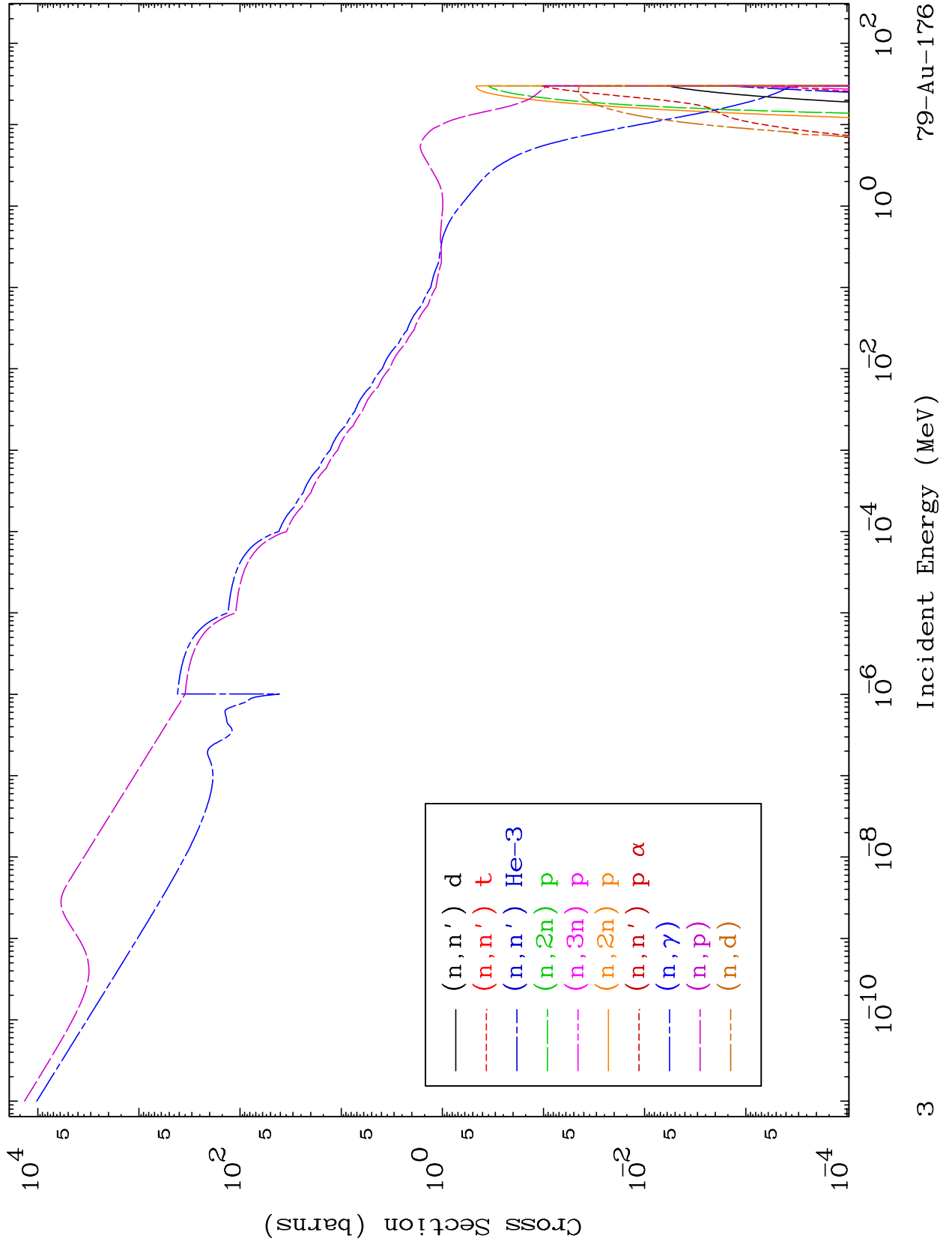


MAT 7862

Neutron Absorption
293 Kelvin Cross Sections

79-Au-176

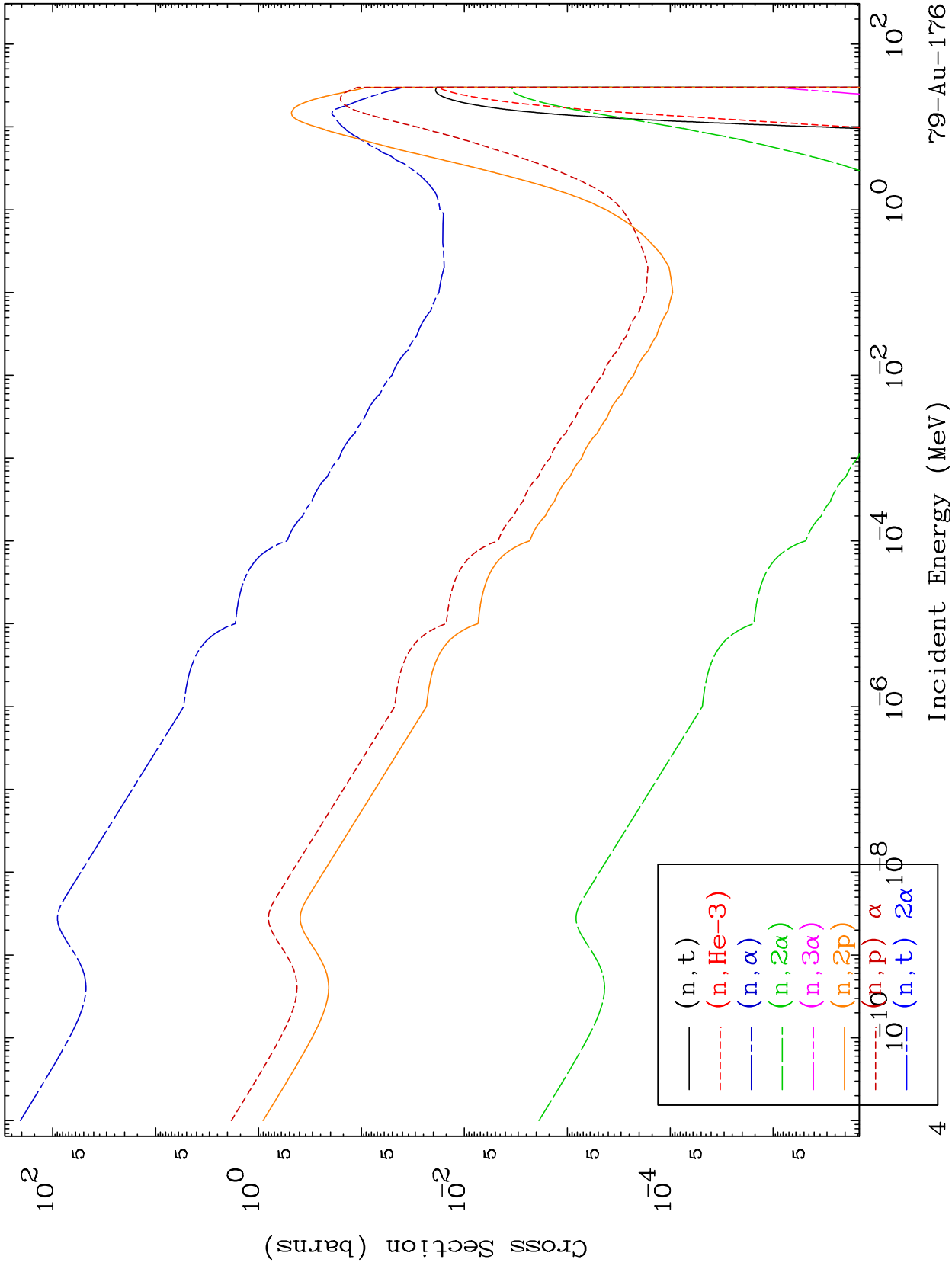




MAT 7862

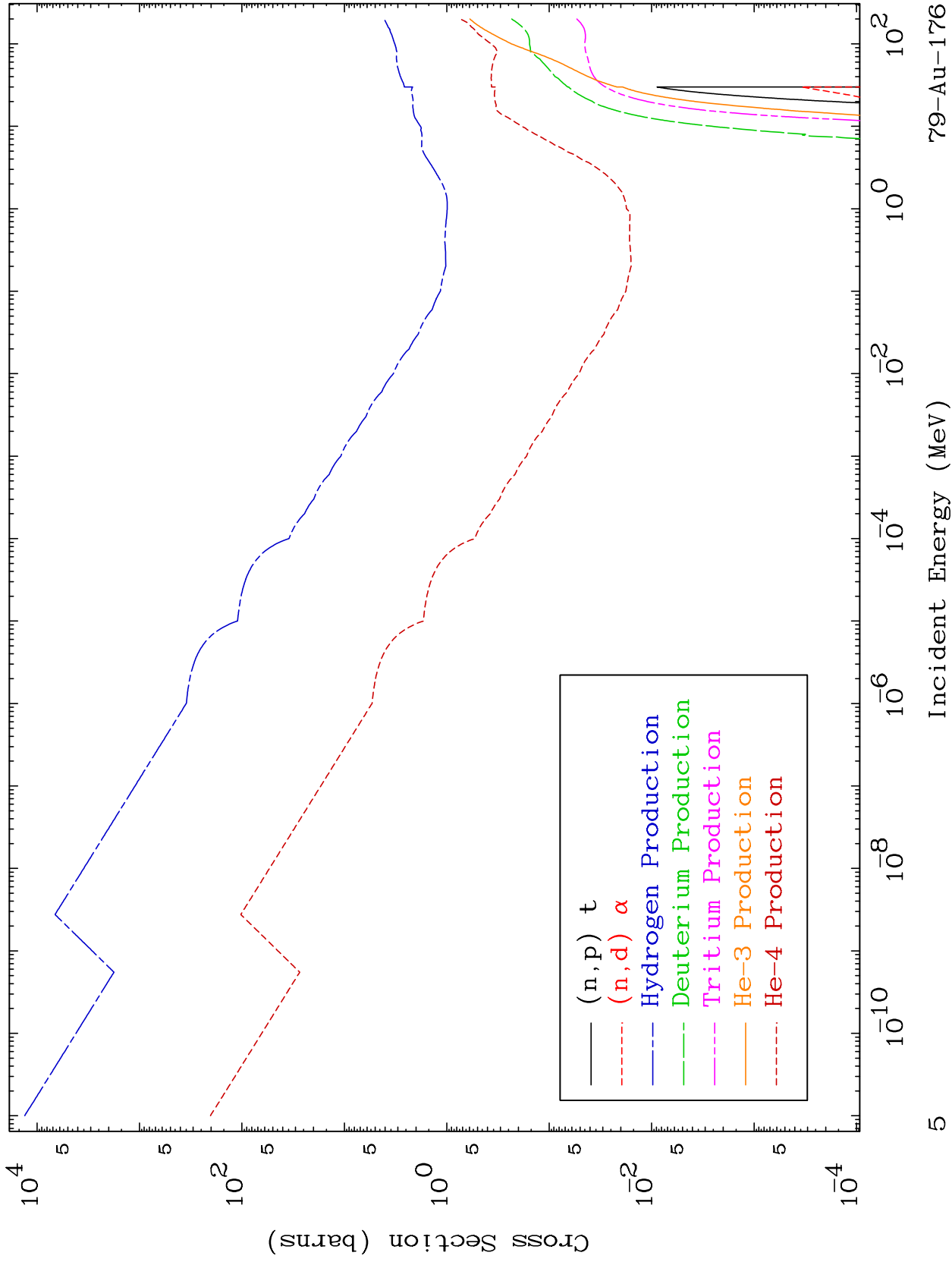
Neutron Absorption
293 Kelvin Cross Sections

79-Au-176



79-Au-176

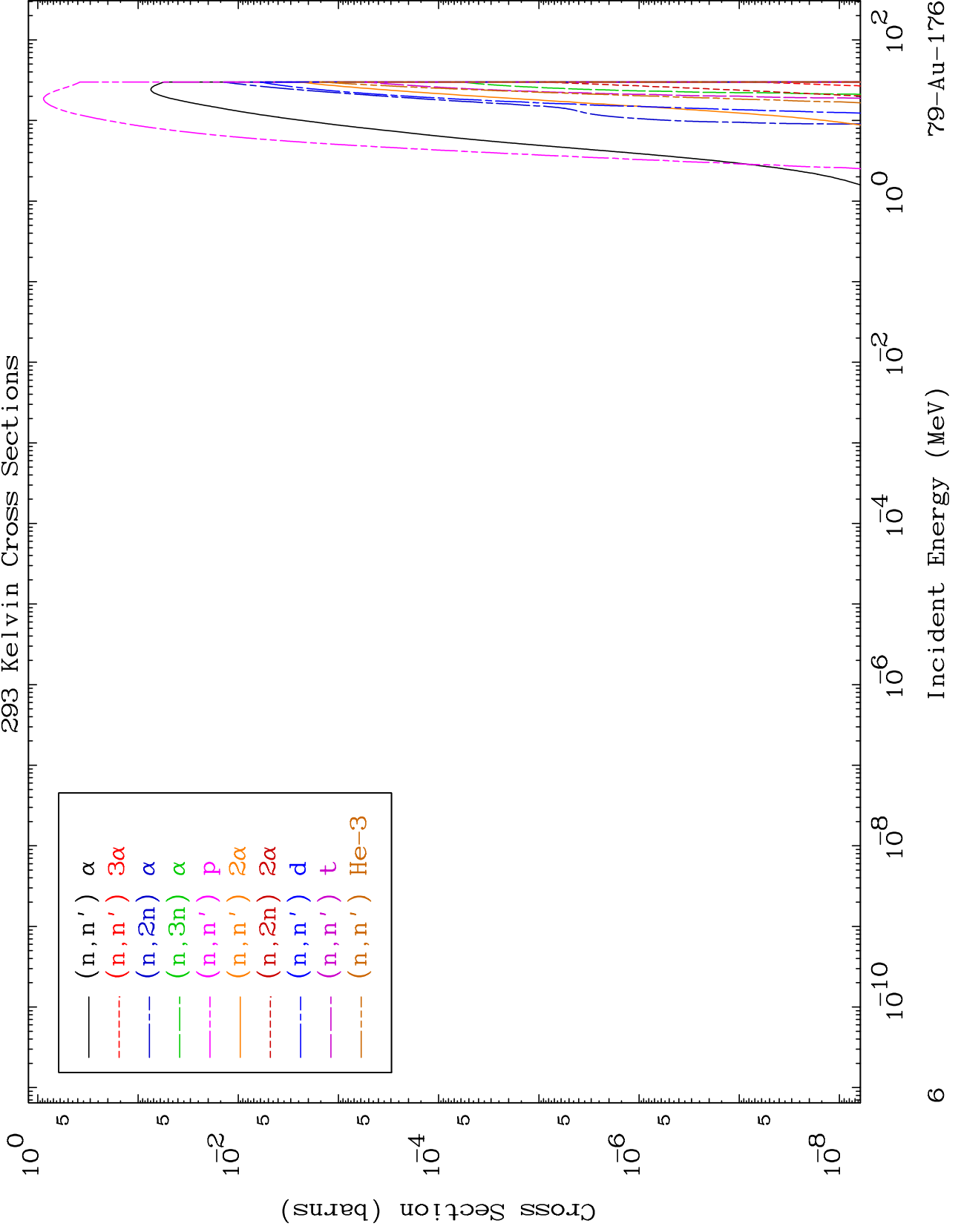
79-Au-176



MAT 7862

Charged Particle
293 Kelvin Cross Sections

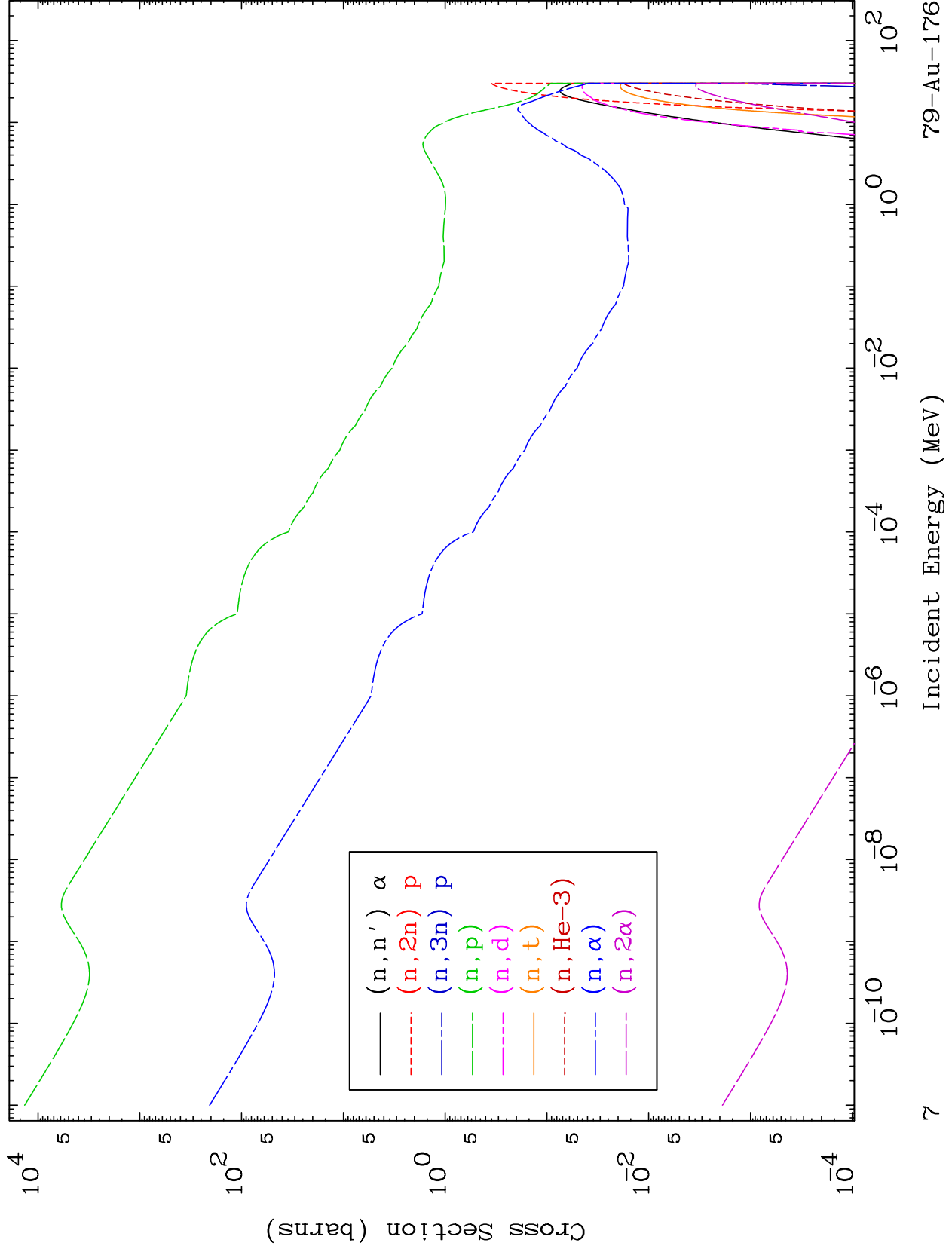
79-Au-176



MAT 7862

Charged Particle
293 Kelvin Cross Sections

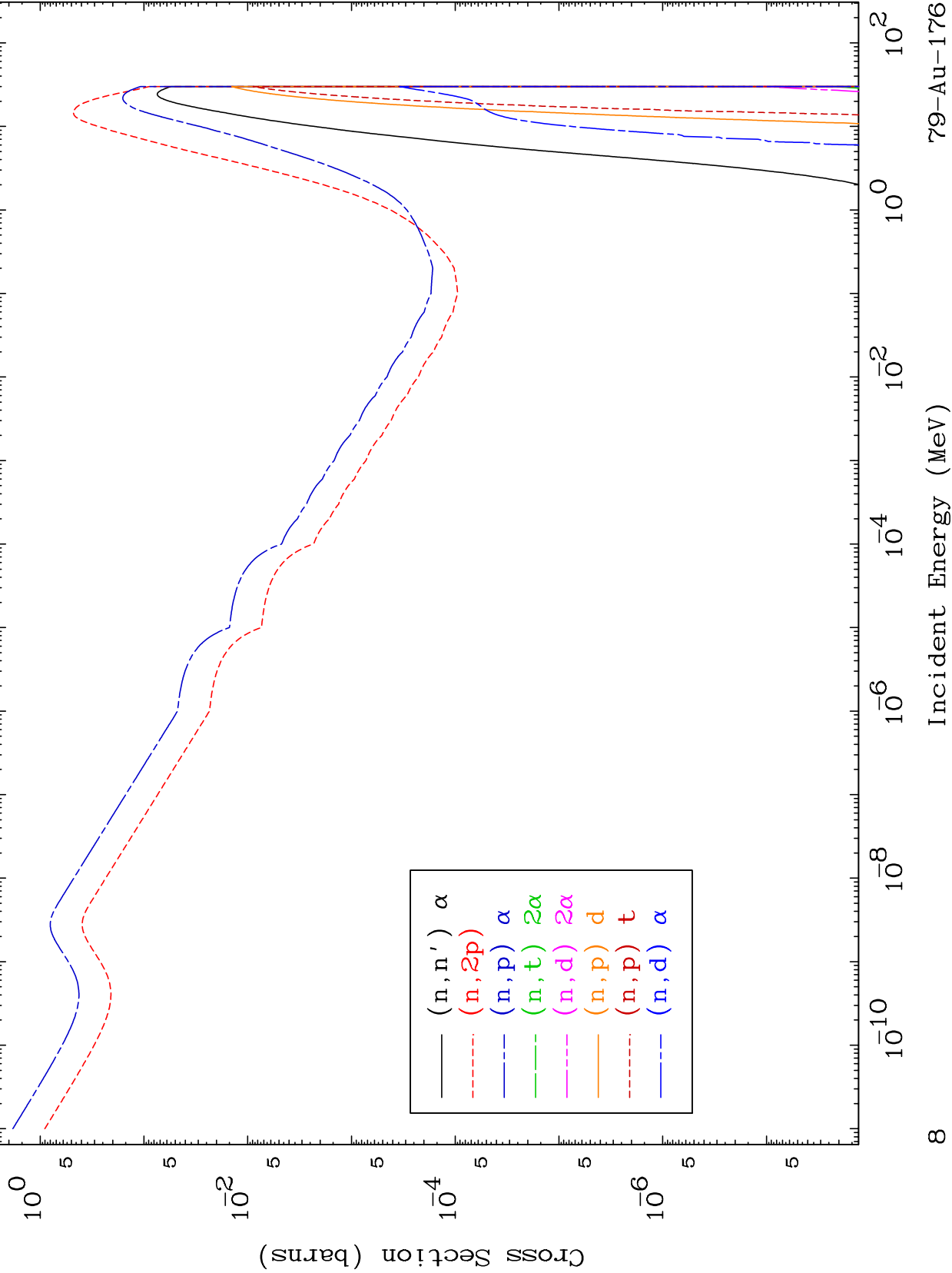
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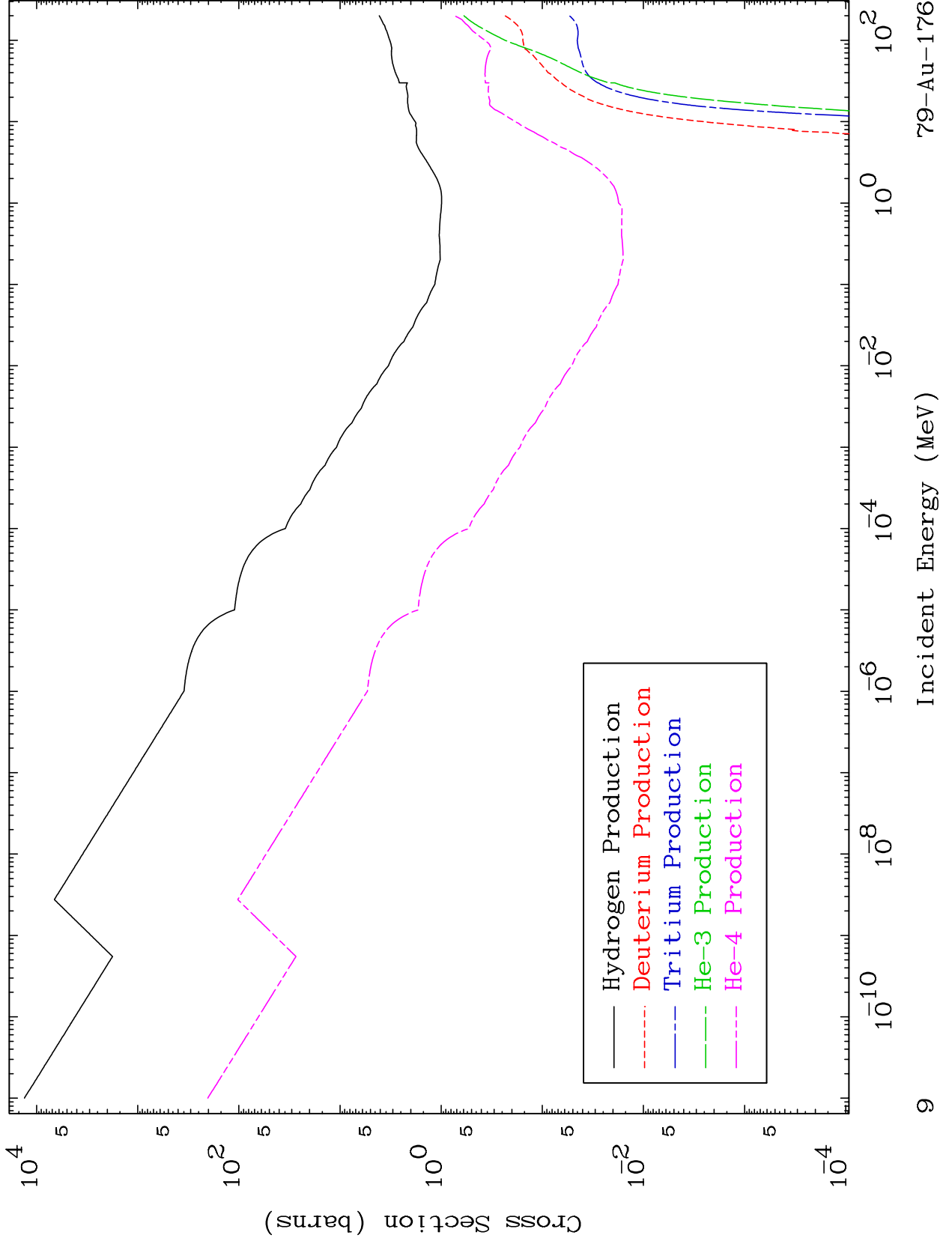


MAT 7862

Charged Particle
293 Kelvin Cross Sections

79-Au-176



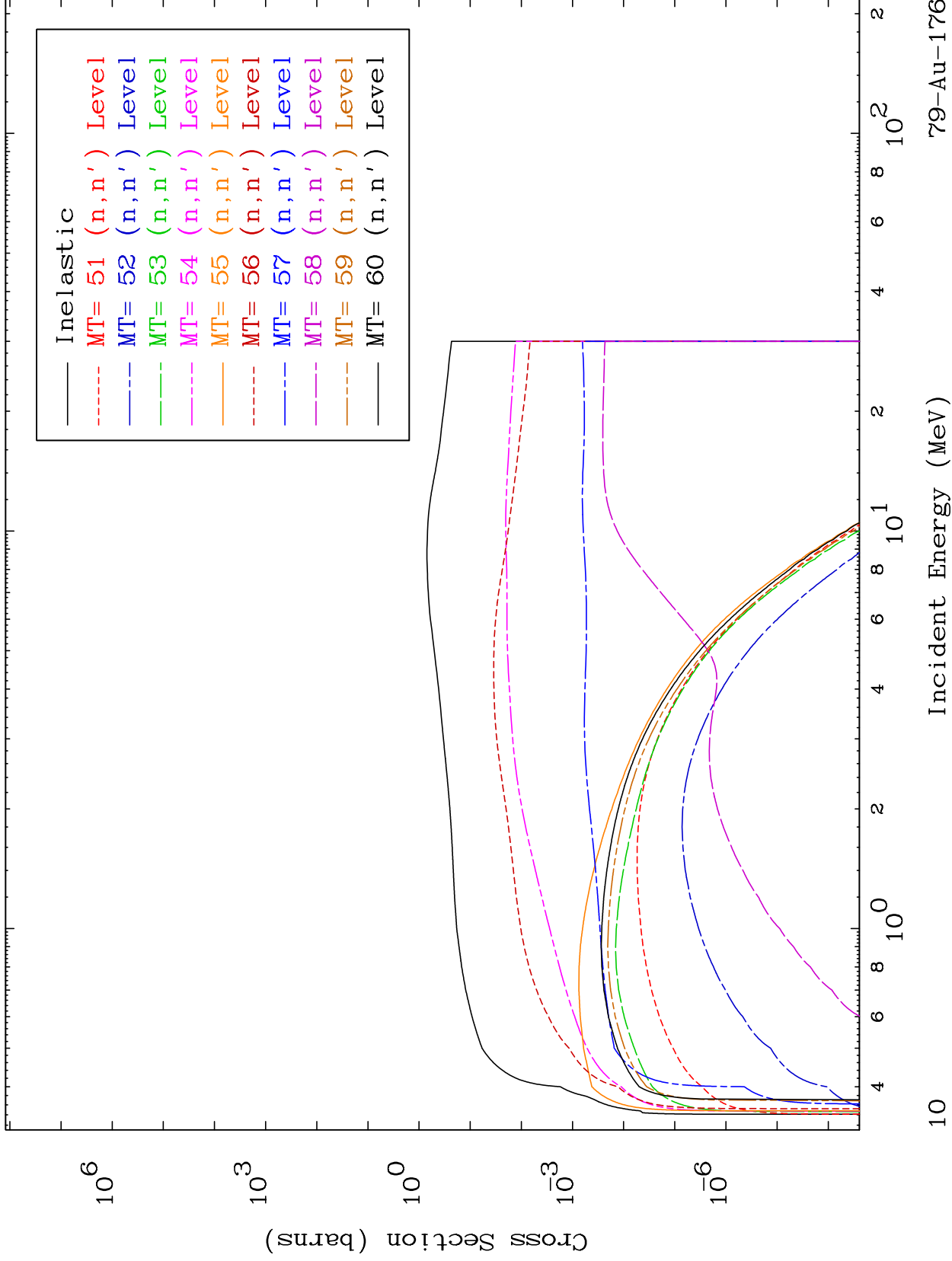


MAT 7862

(n,n') Levels

79-Au-176

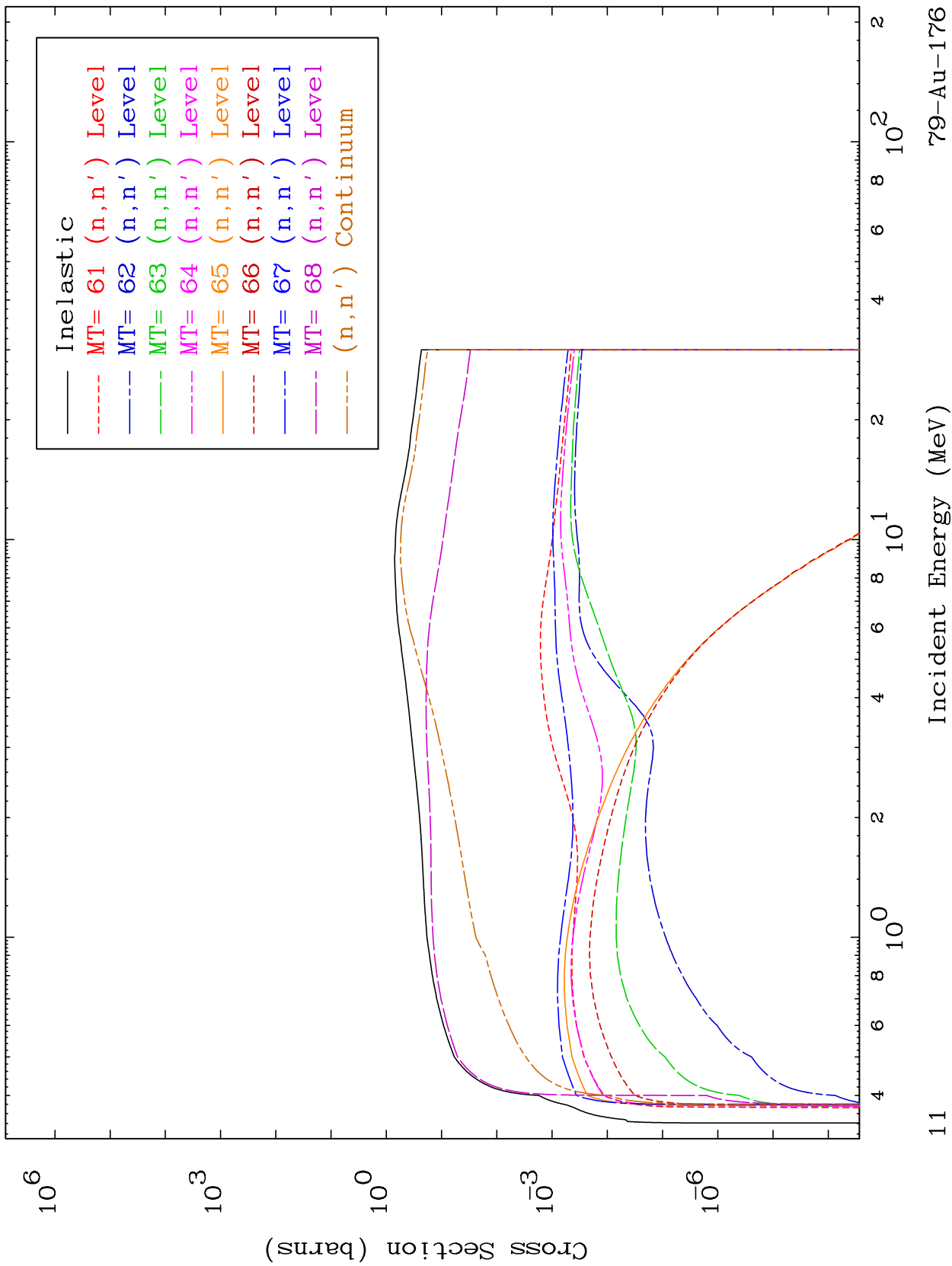
293 Kelvin Cross Sections



10

Incident Energy (MeV)

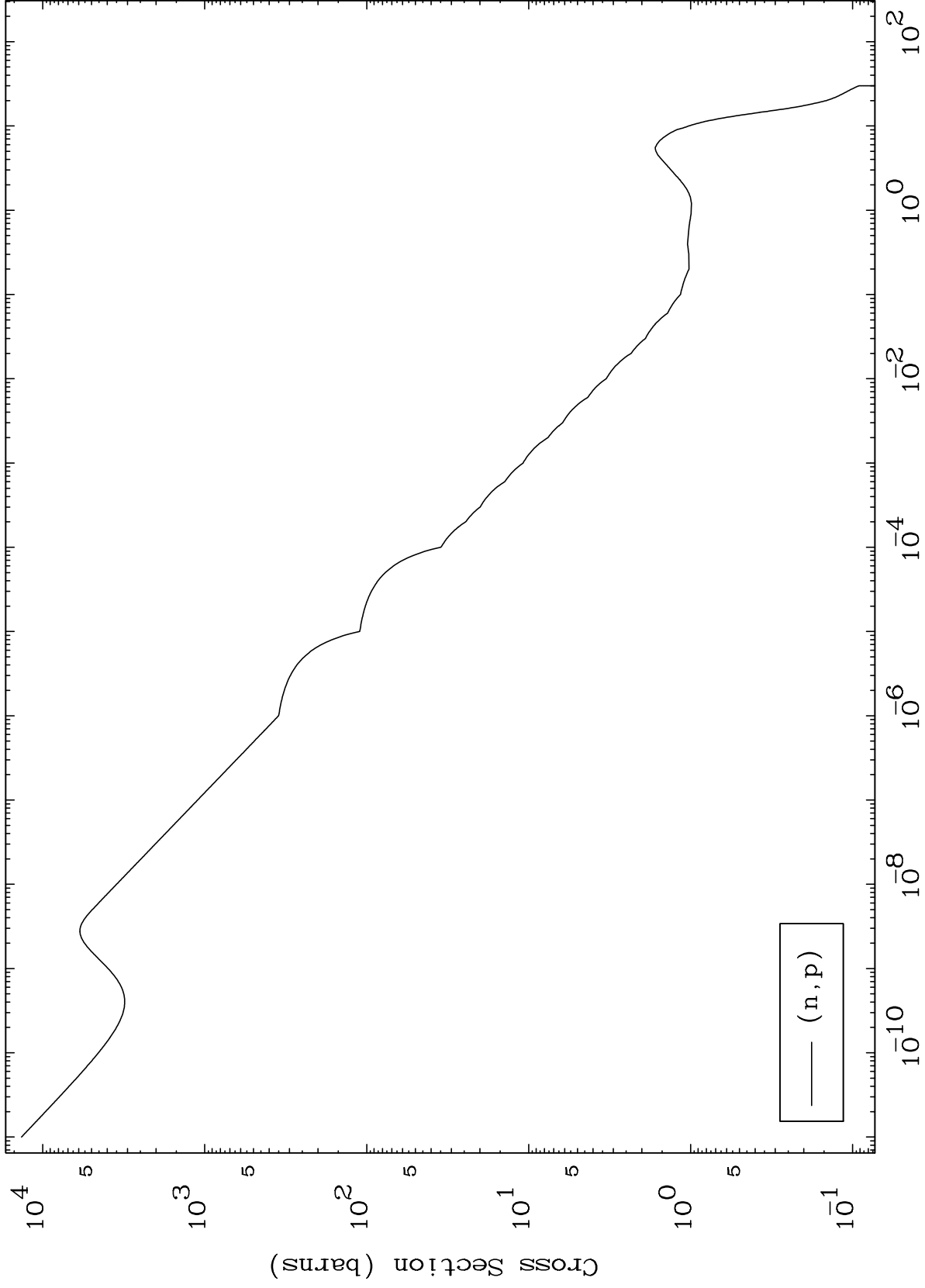
79-Au-176



MAT 7862

(n,p) Levels
293 Kelvin Cross Sections

79-Au-176



12

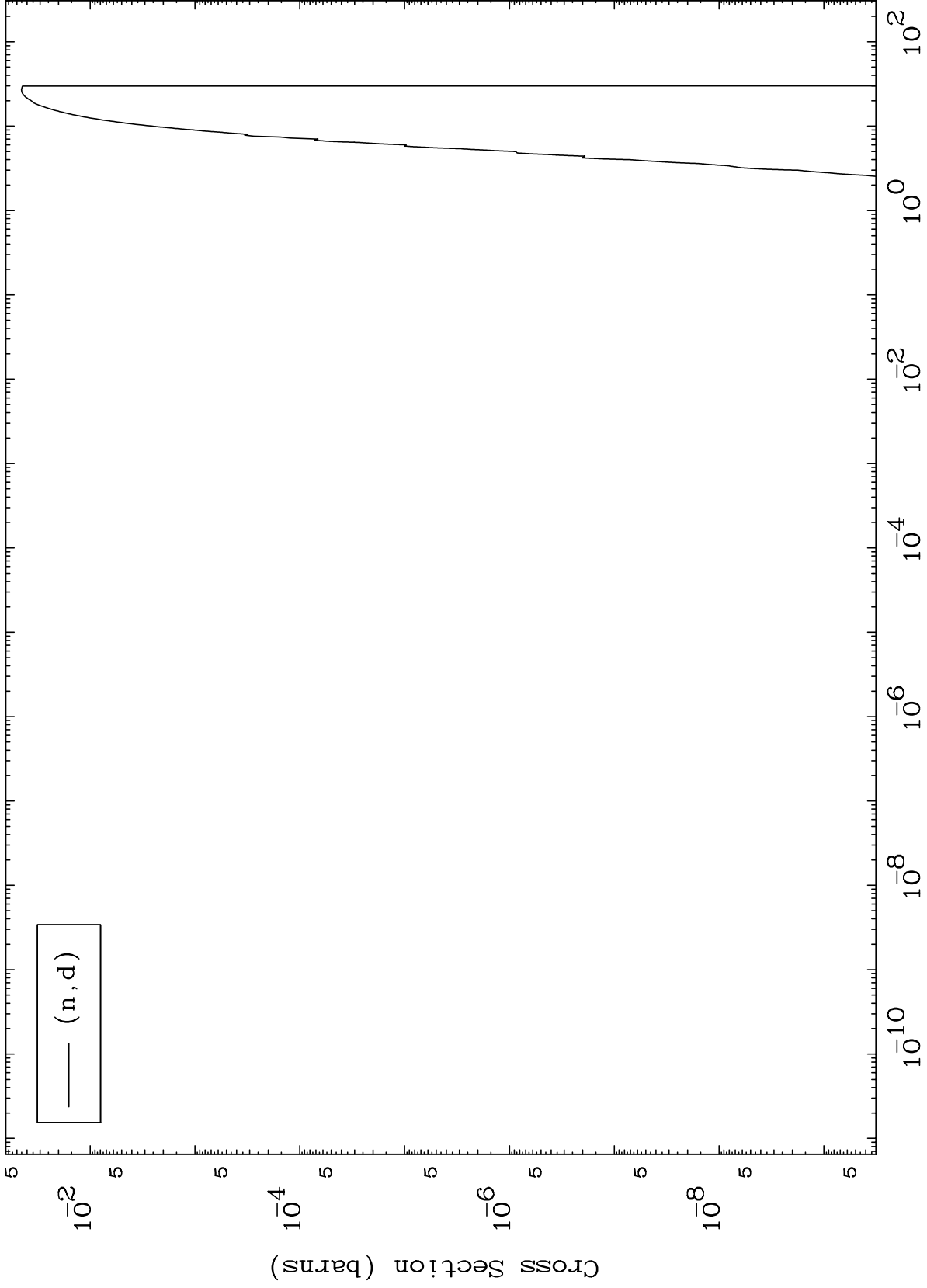
Incident Energy (MeV)

79-Au-176

MAT 7862

(n,d) Levels
293 Kelvin Cross Sections

79-Au-176



13

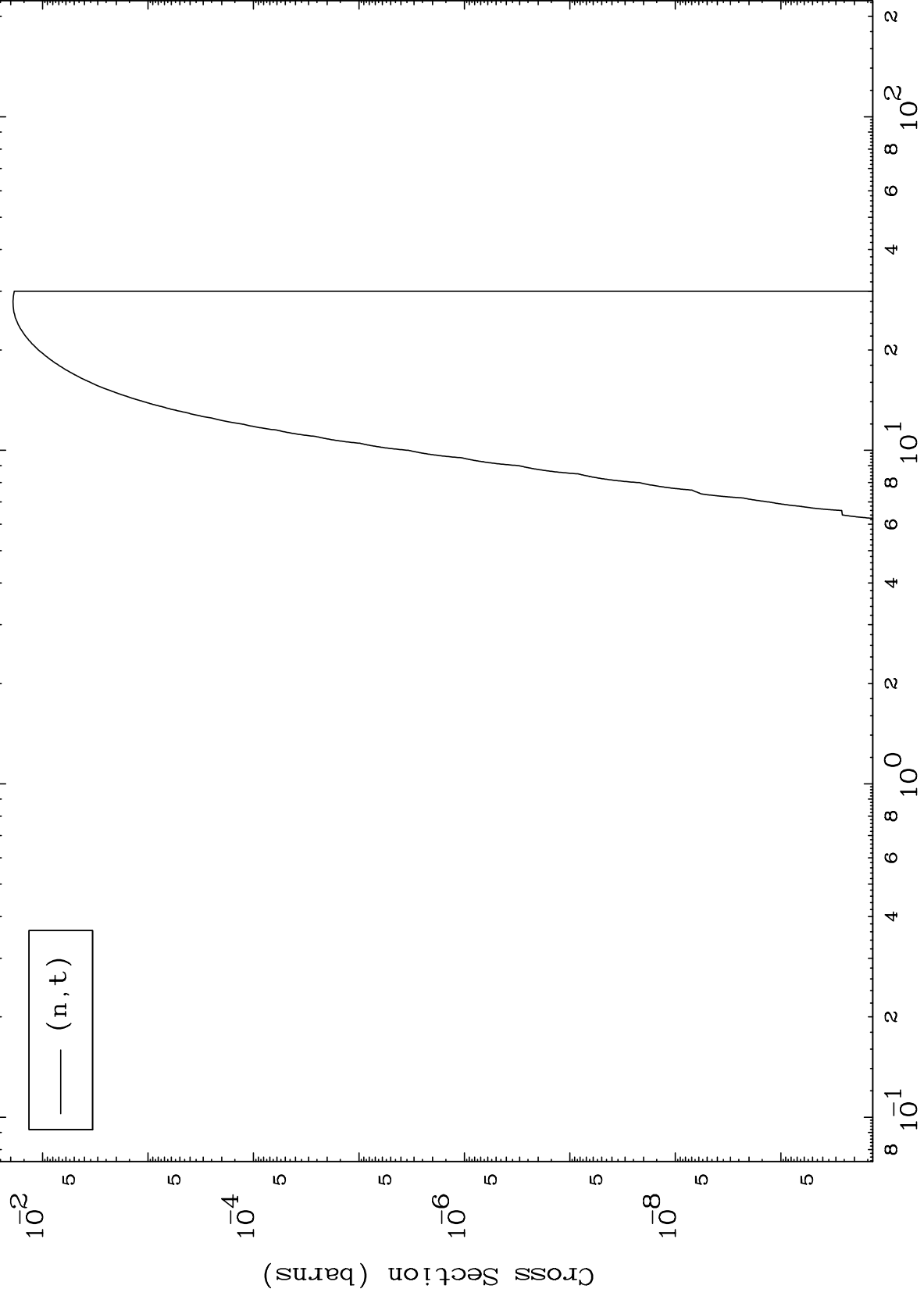
Incident Energy (MeV)

79-Au-176

MAT 7862

(n,t) Levels
293 Kelvin Cross Sections

79-Au-176



14

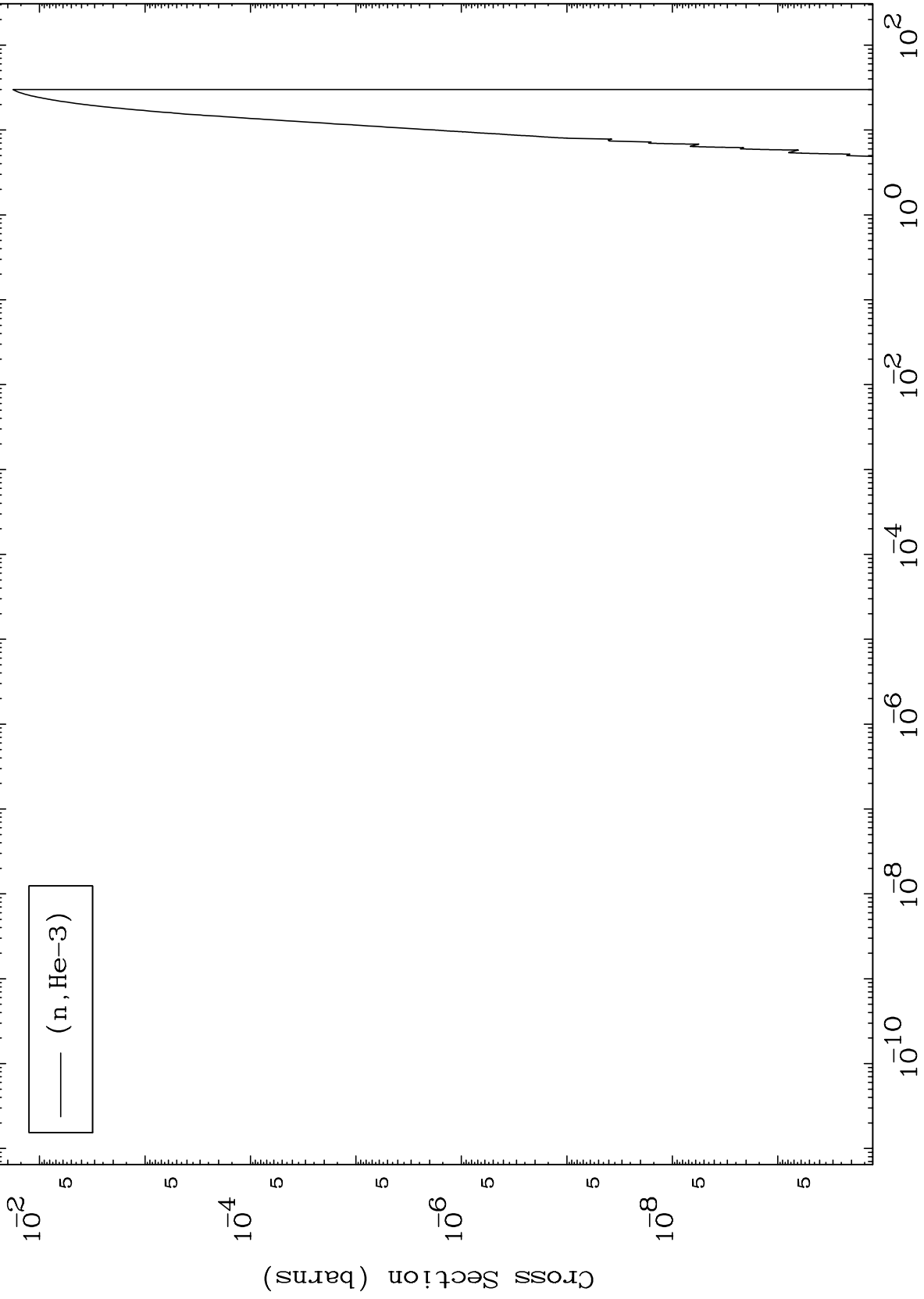
Incident Energy (MeV)

79-Au-176

MAT 7862

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-176

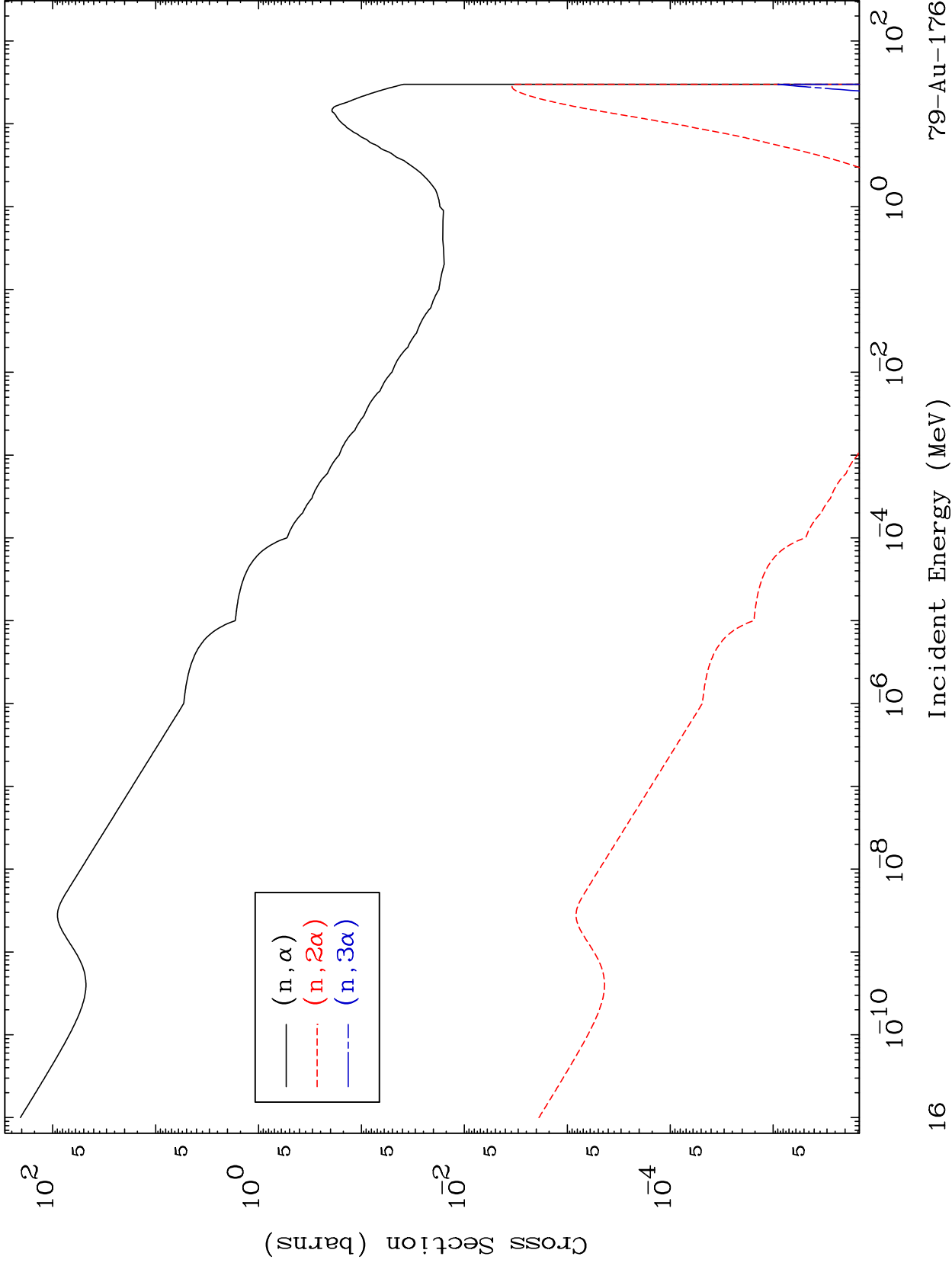


(n, He-3)

MAT 7862

(n, α) Levels
293 Kelvin Cross Sections

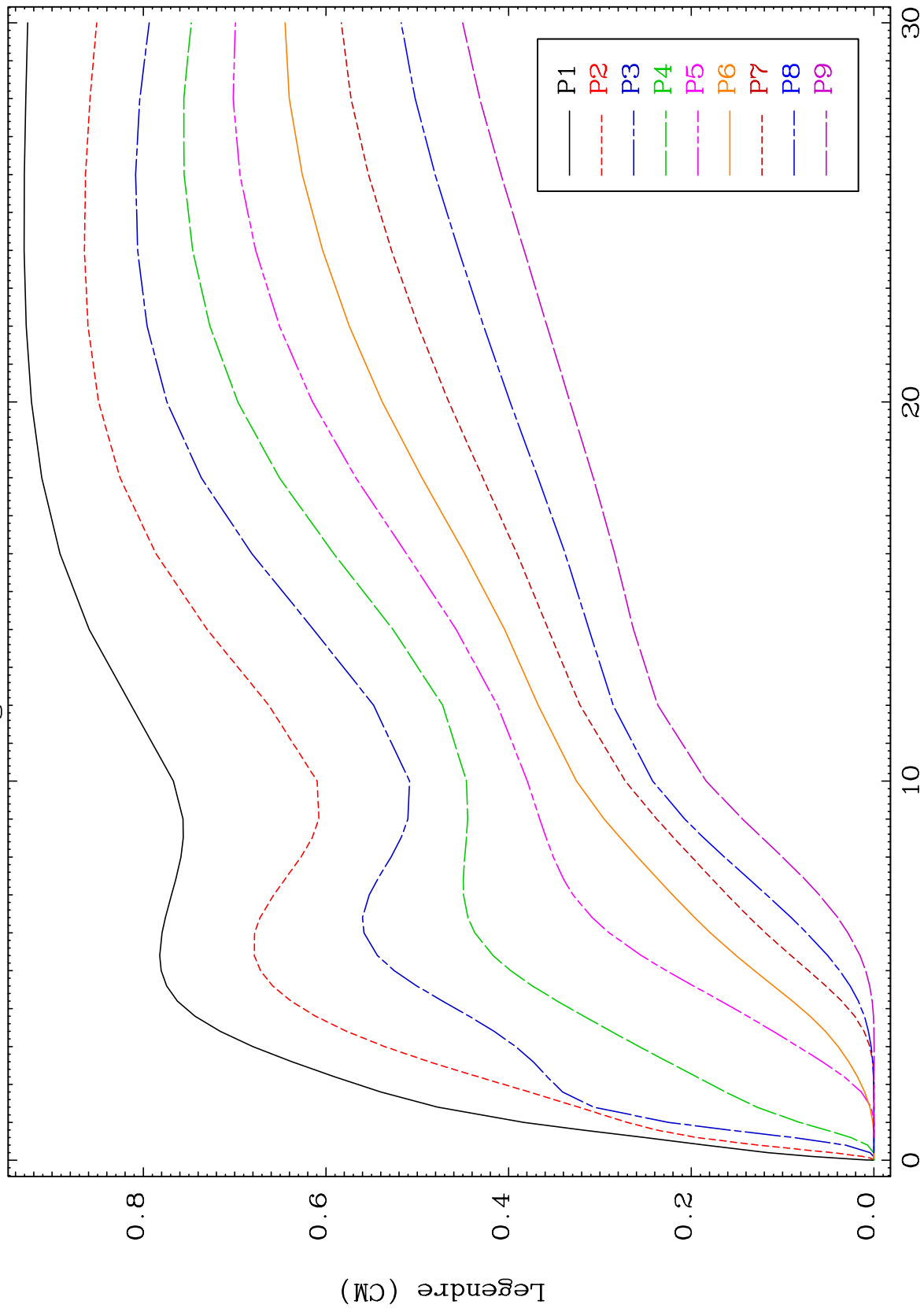
79-Au-176



MAT 7862

Elastic Legendre Coefficients

79-Au-176



17

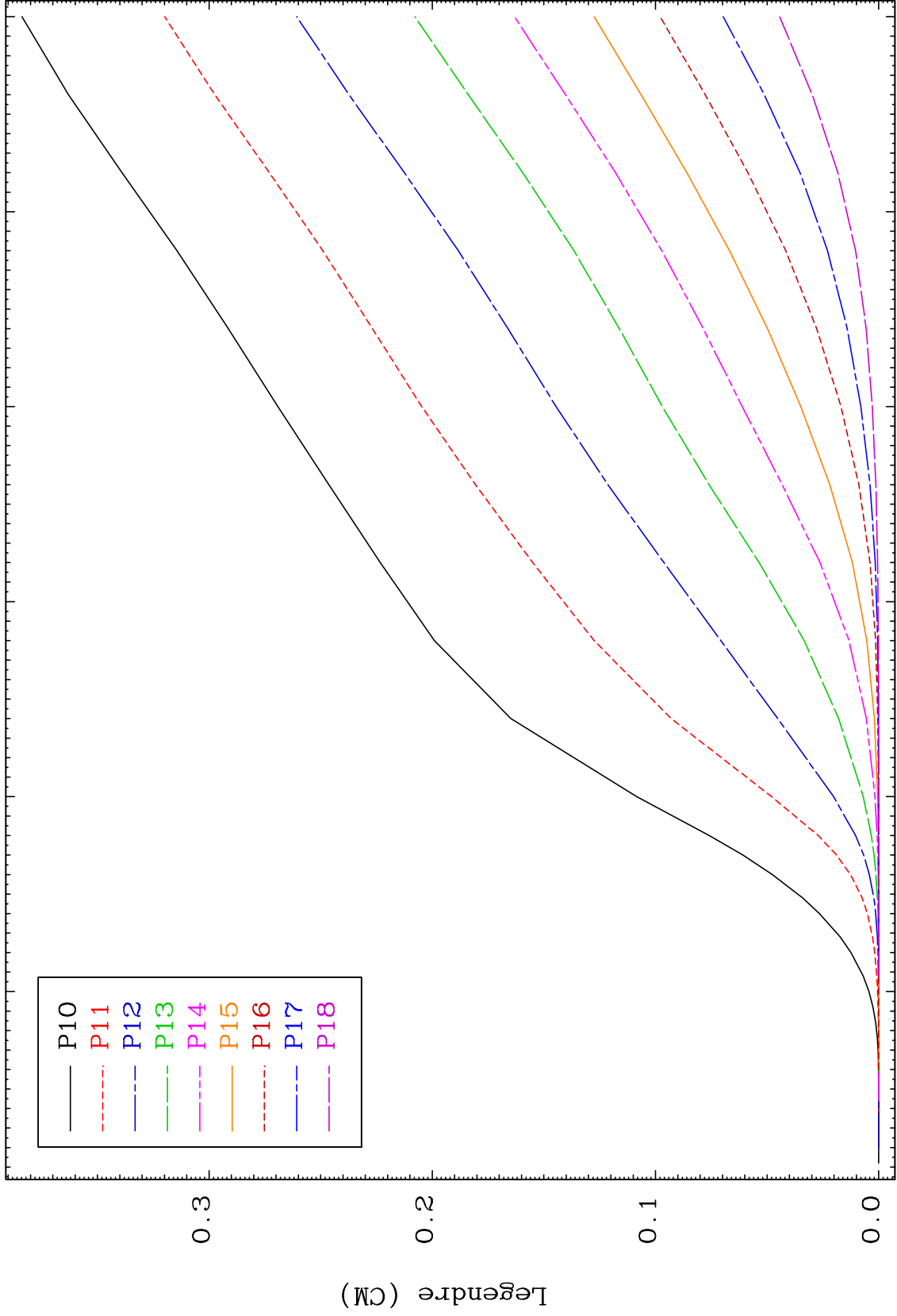
Incident Energy (MeV)

79-Au-176

MAT 7862

Elastic Legendre Coefficients

⁷⁹Au-¹⁷⁶



18

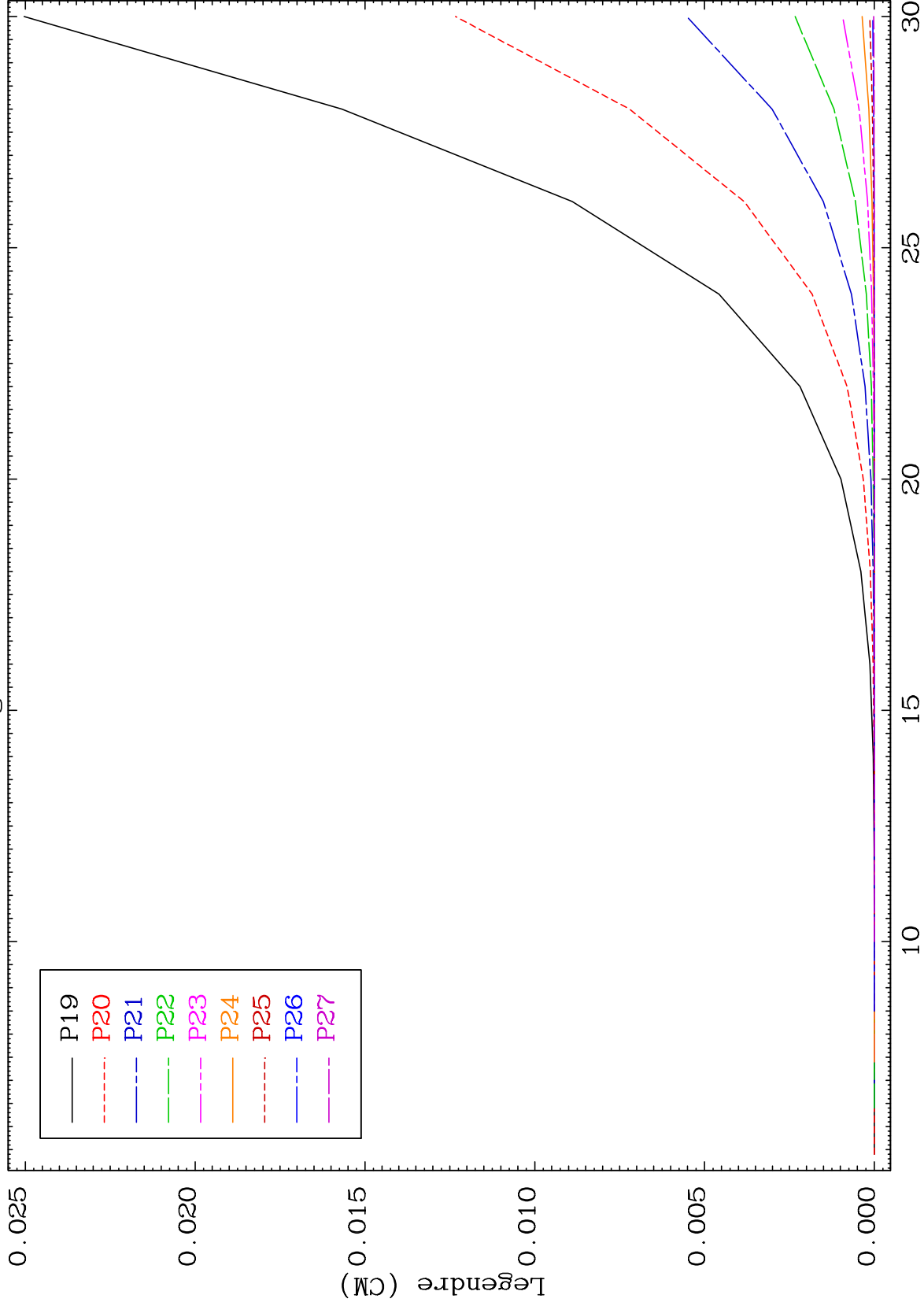
Incident Energy (MeV)

⁷⁹Au-¹⁷⁶

MAT 7862

Elastic Legendre Coefficients

79-Au-176



19

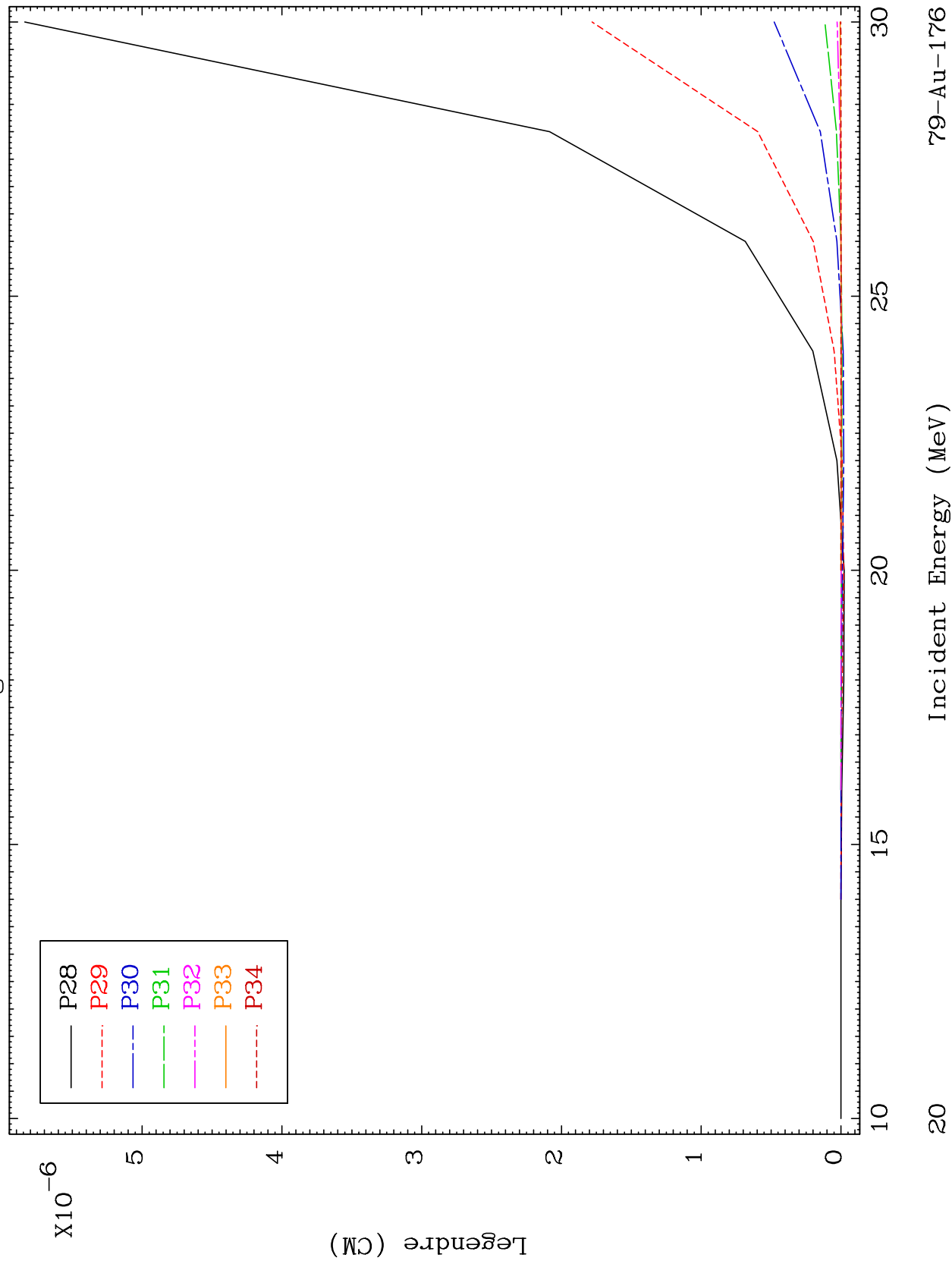
Incident Energy (MeV)

79-Au-176

MAT 7862

Elastic Legendre Coefficients

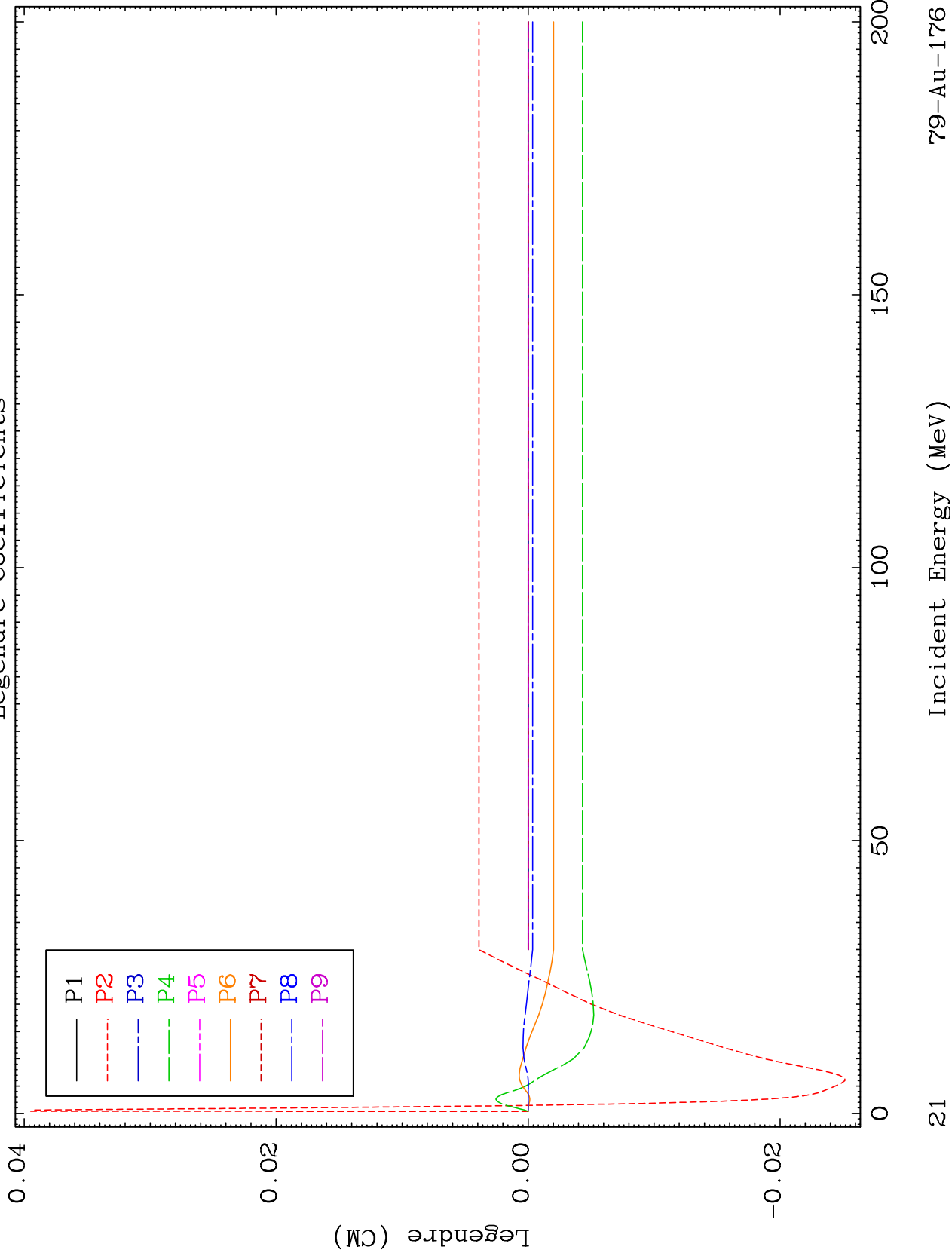
79-Au-176



MAT 7862

79-Au-176

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



21

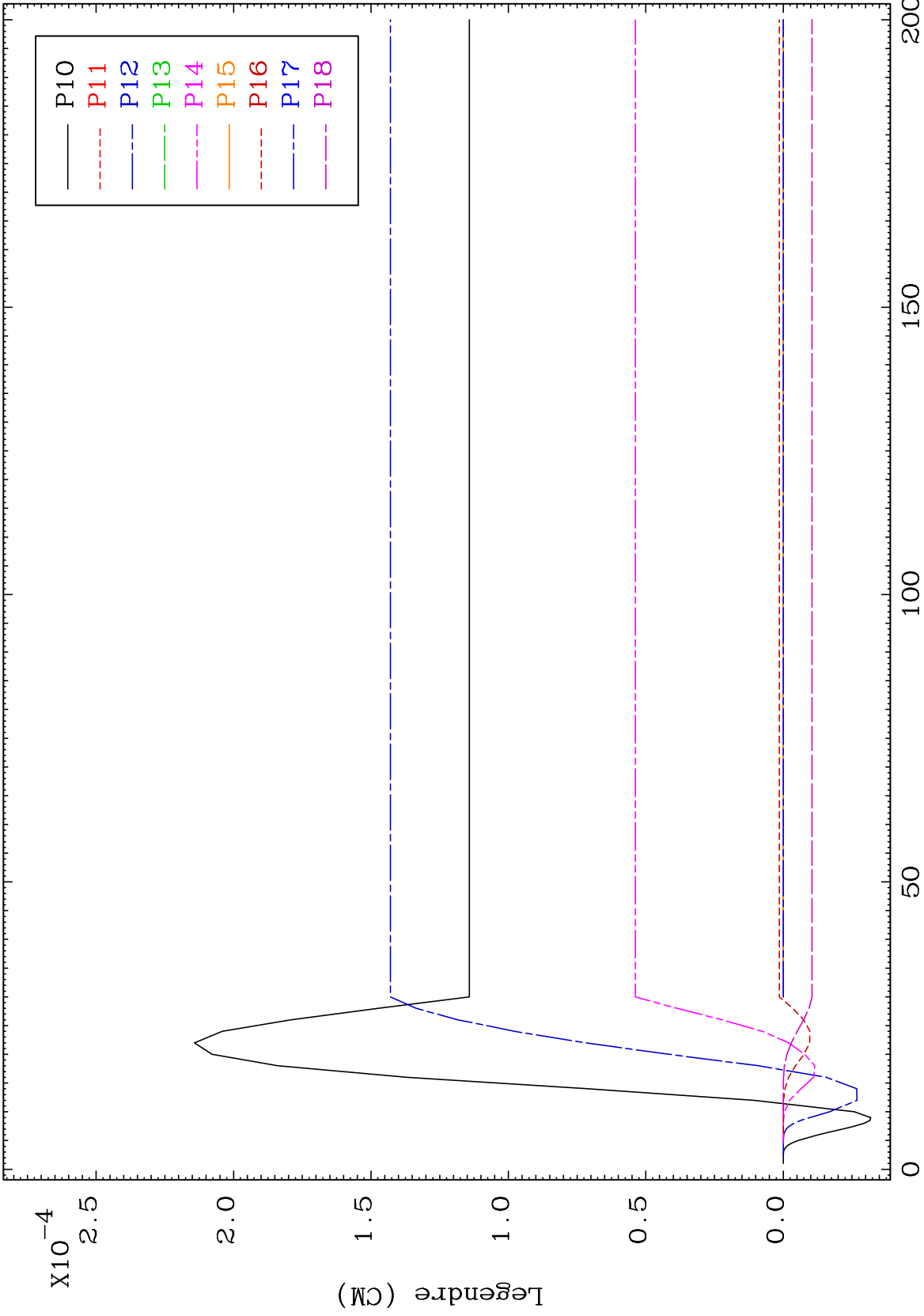
Incident Energy (MeV)

79-Au-176

MAT 7862

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

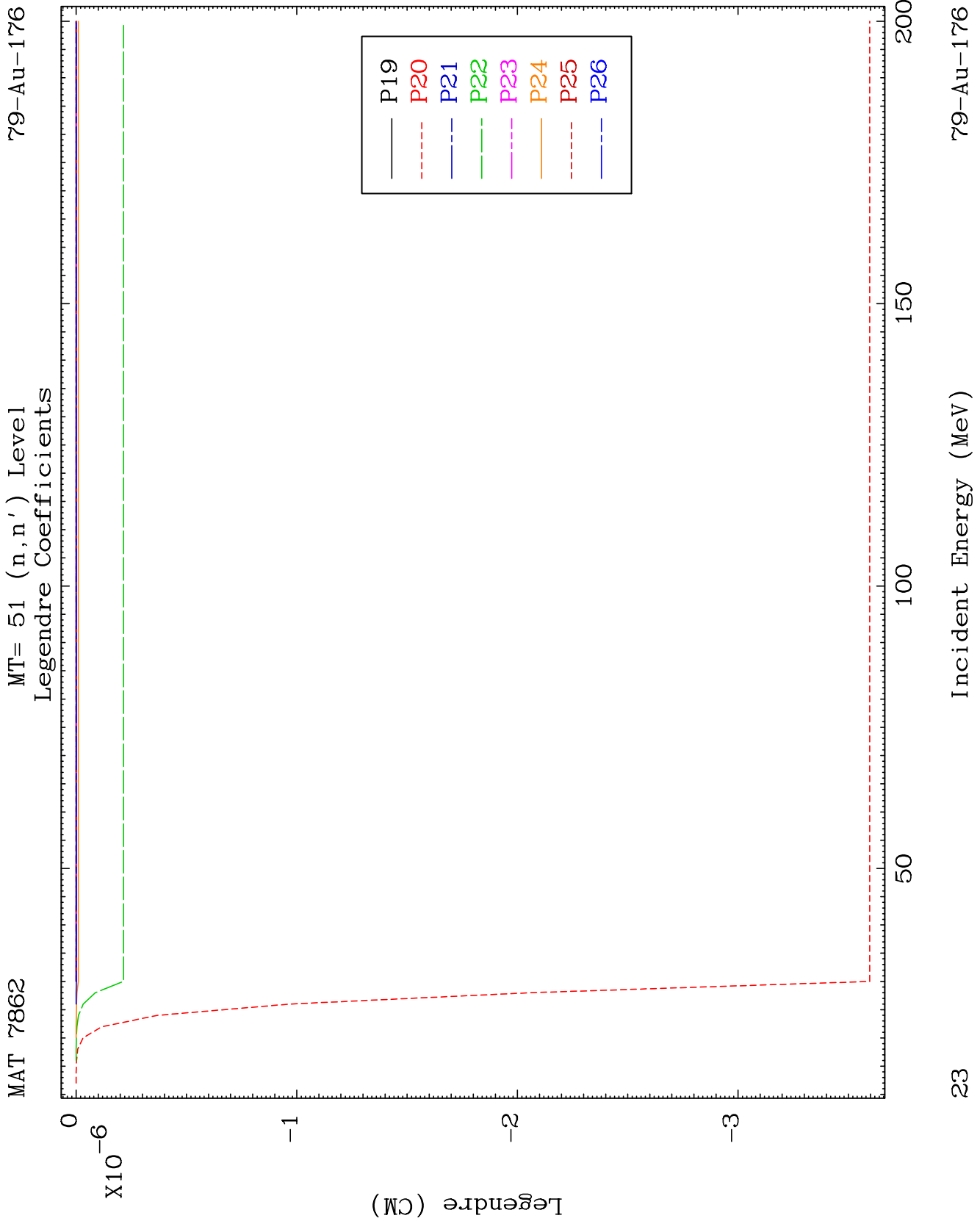
79-Au-176



22

Incident Energy (MeV)

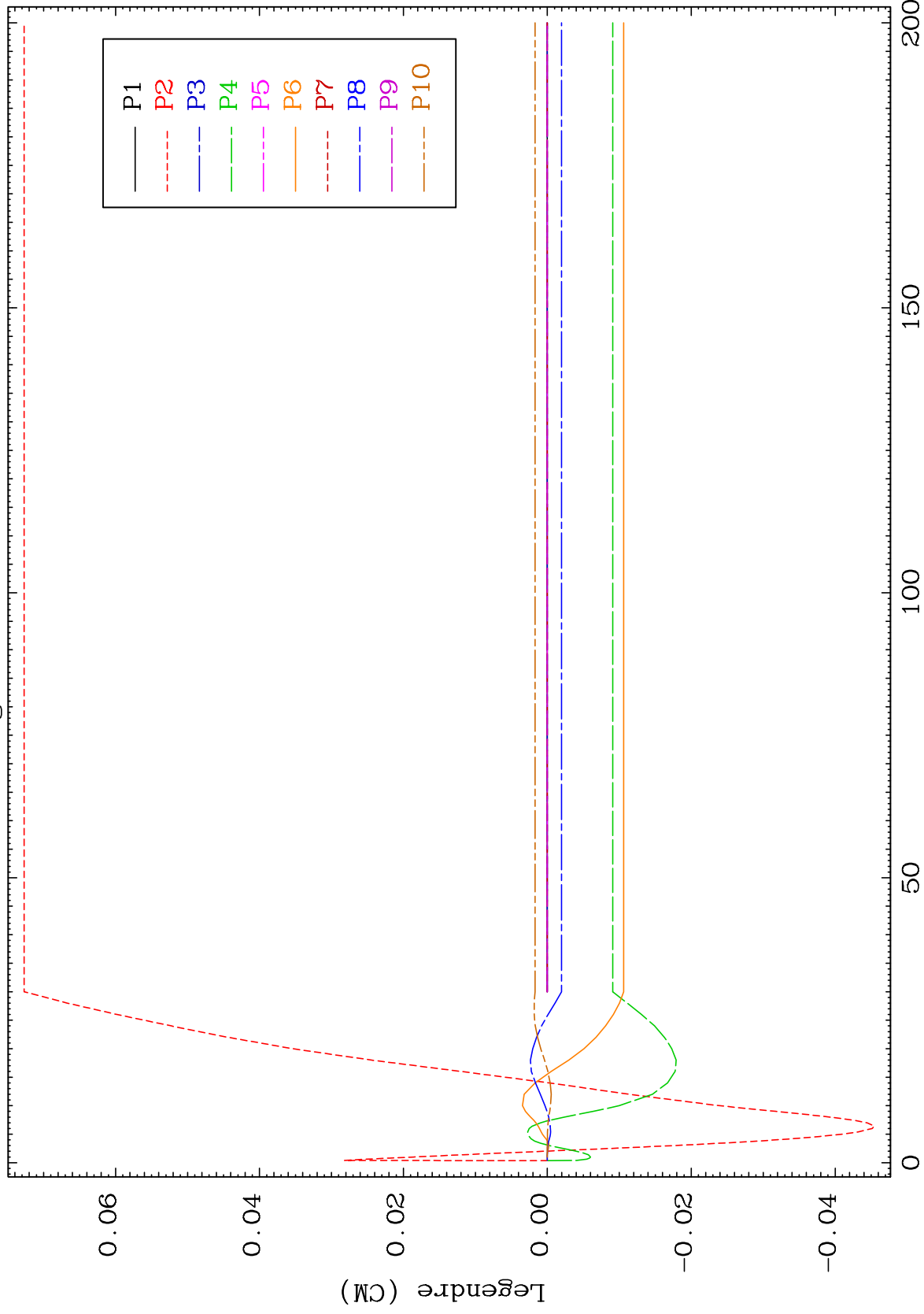
79-Au-176



MAT 7862

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

79-Au-176



24

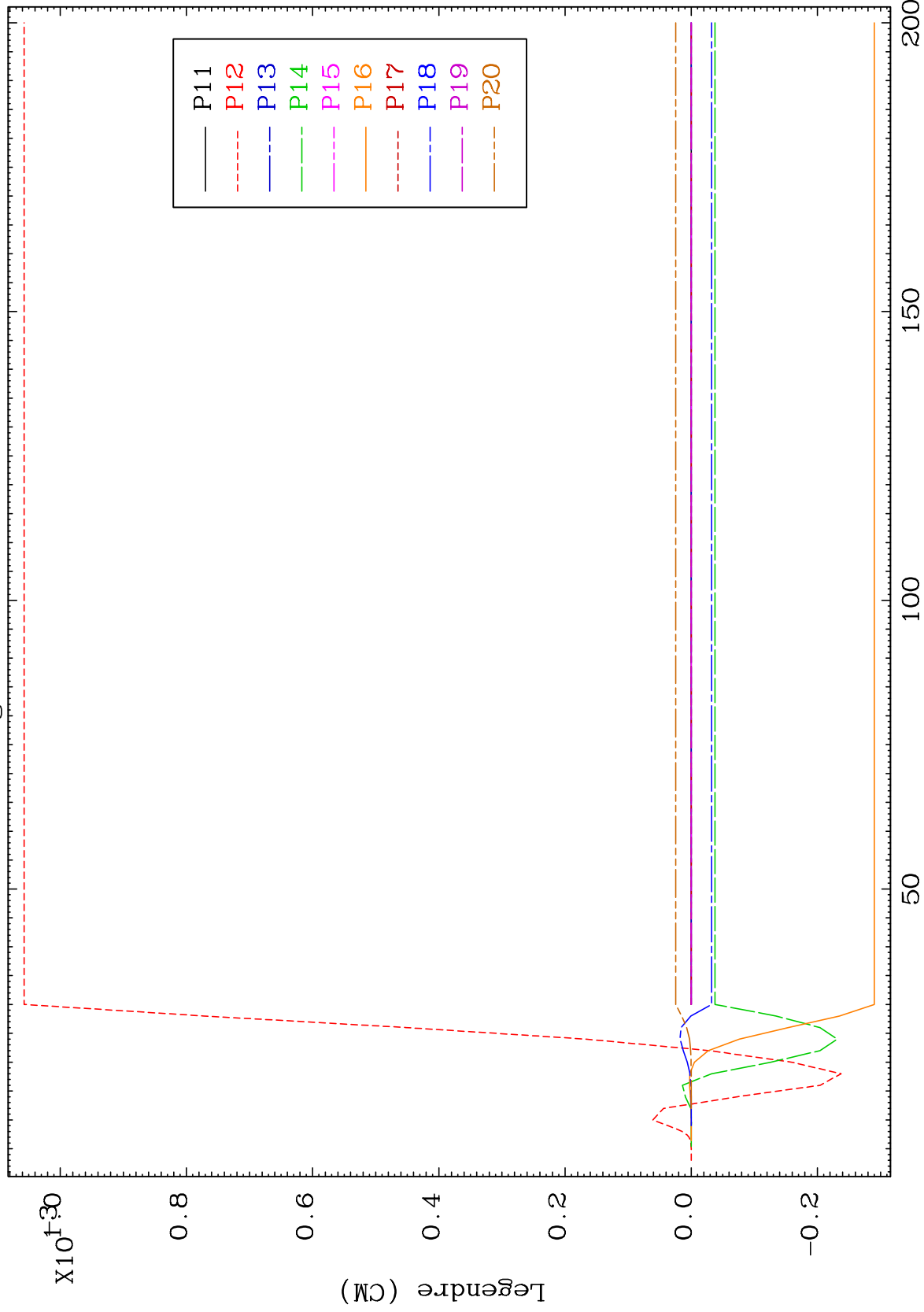
Incident Energy (MeV)

79-Au-176

MAT 7862

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

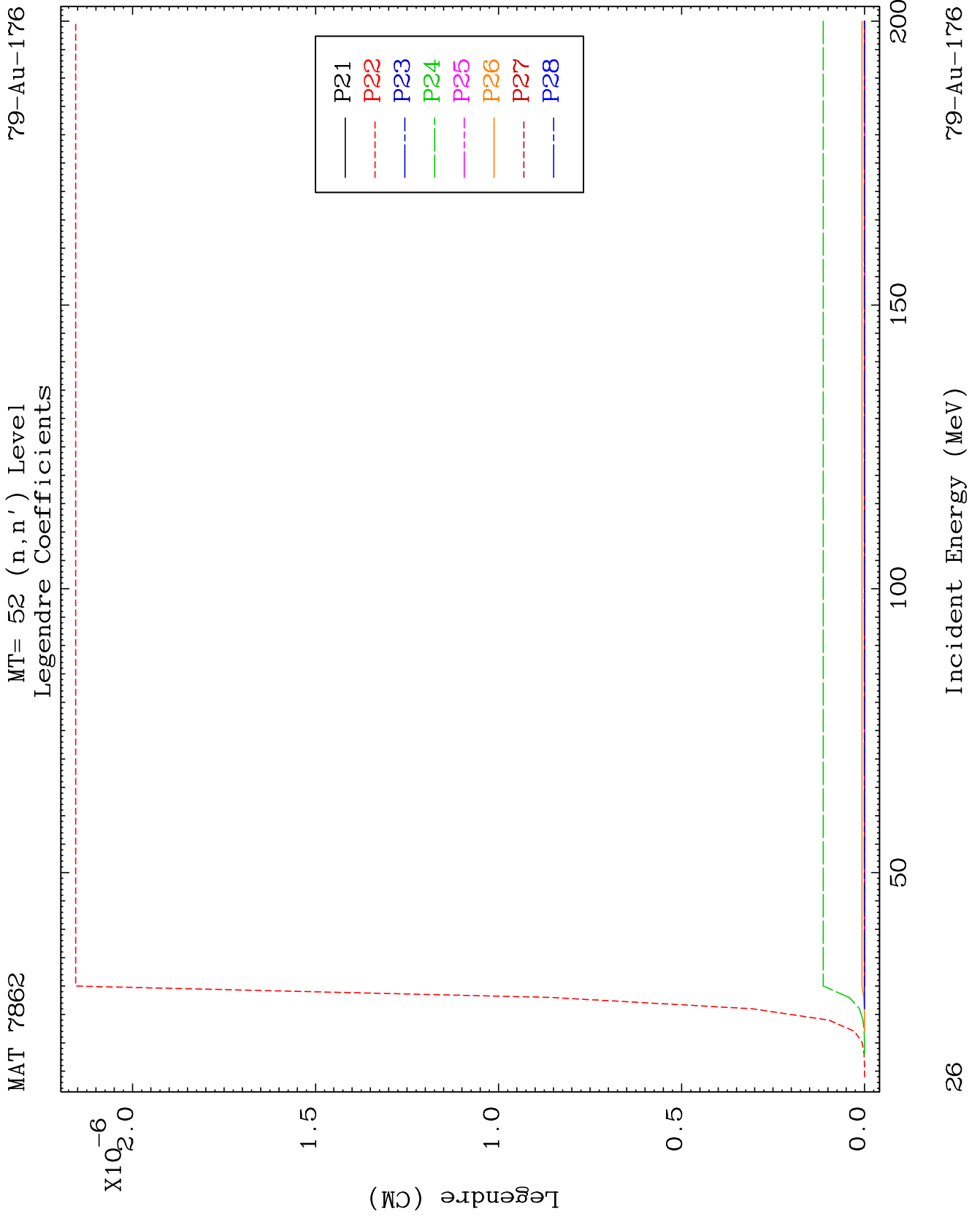
79-Au-176



25

Incident Energy (MeV)

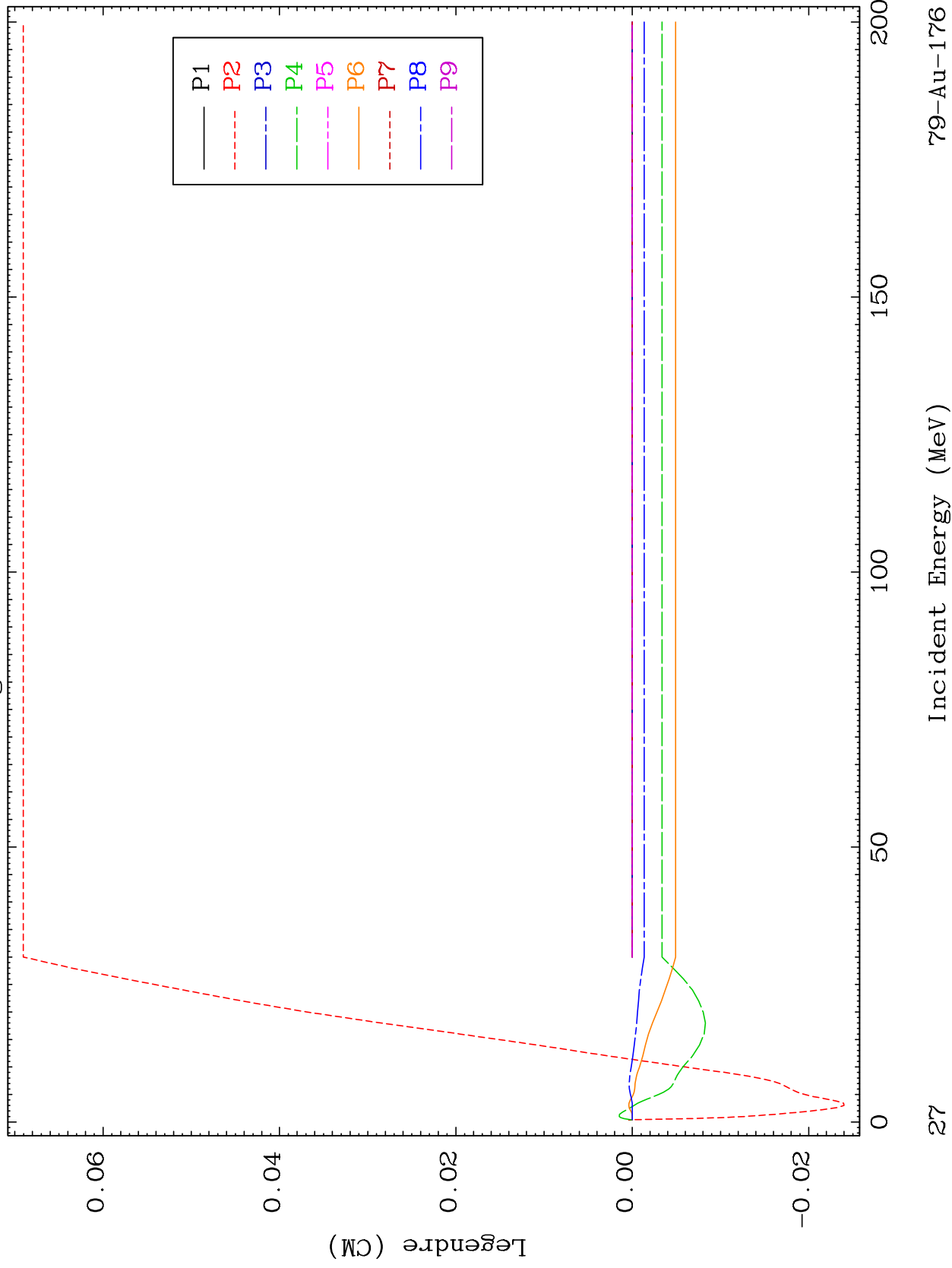
79-Au-176



MAT 7862

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

79-Au-176



79-Au-176

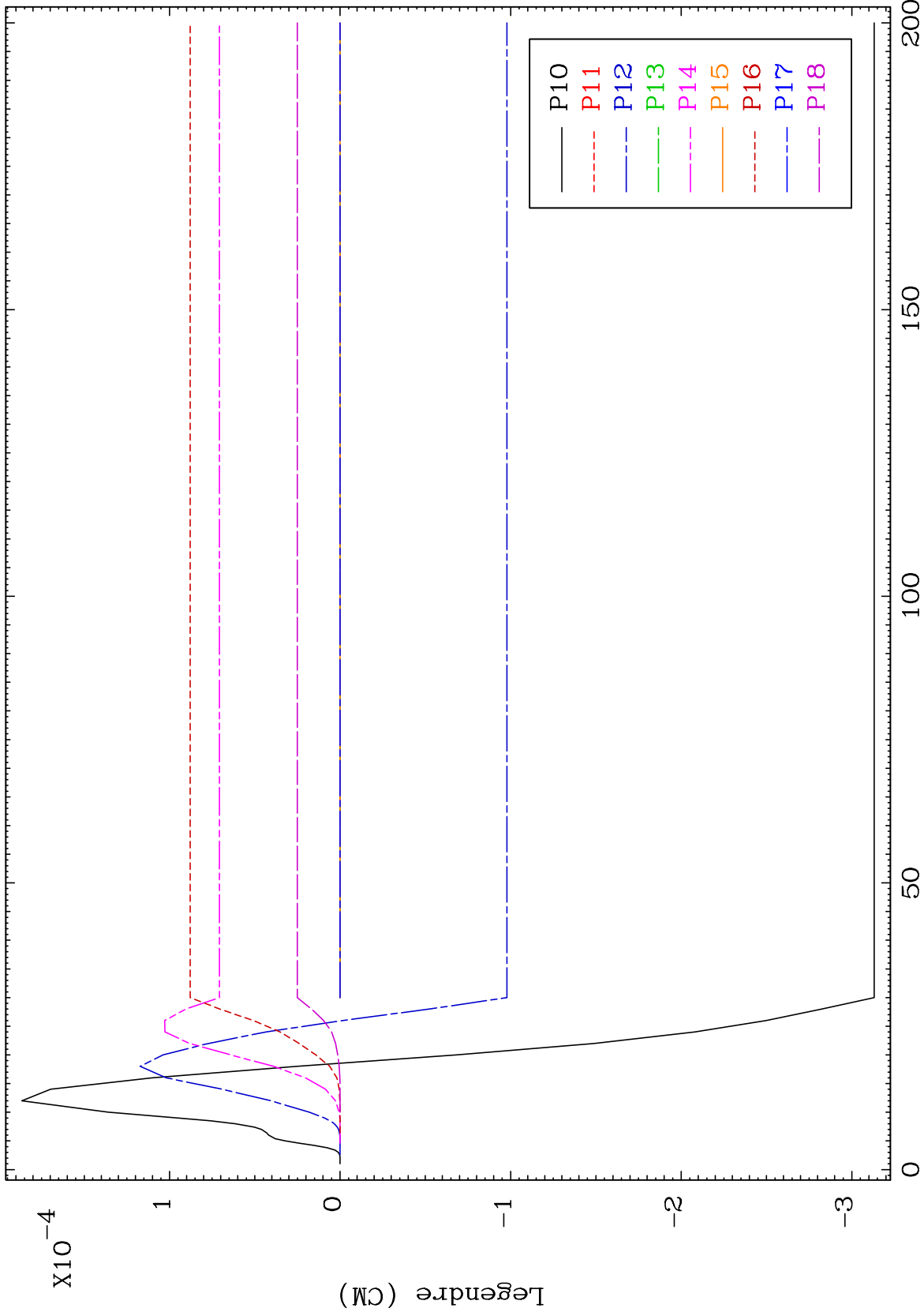
Incident Energy (MeV)

27

MAT 7862

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

79-Au-176



28

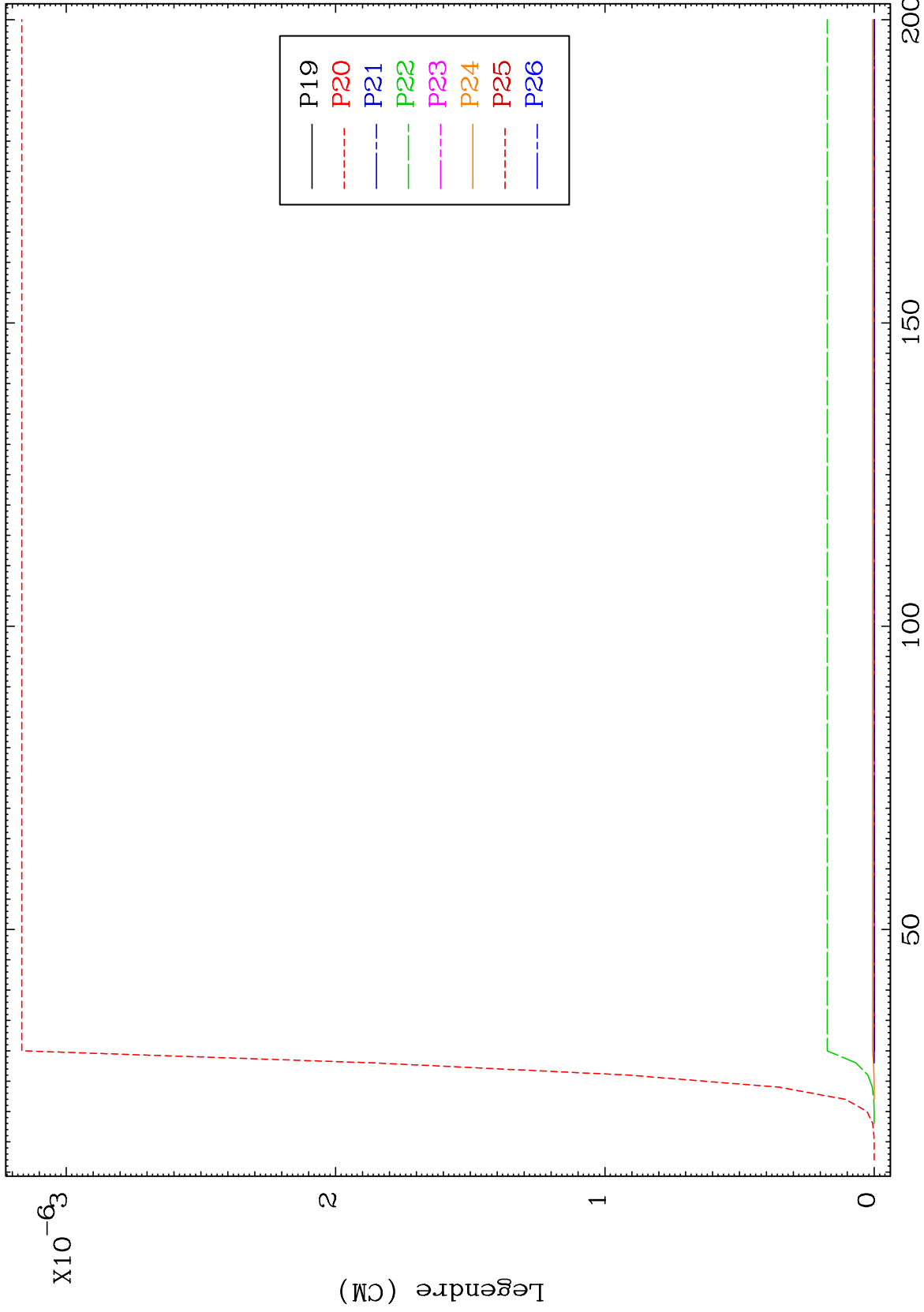
Incident Energy (MeV)

79-Au-176

MAT 7862

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

79-Au-176



29

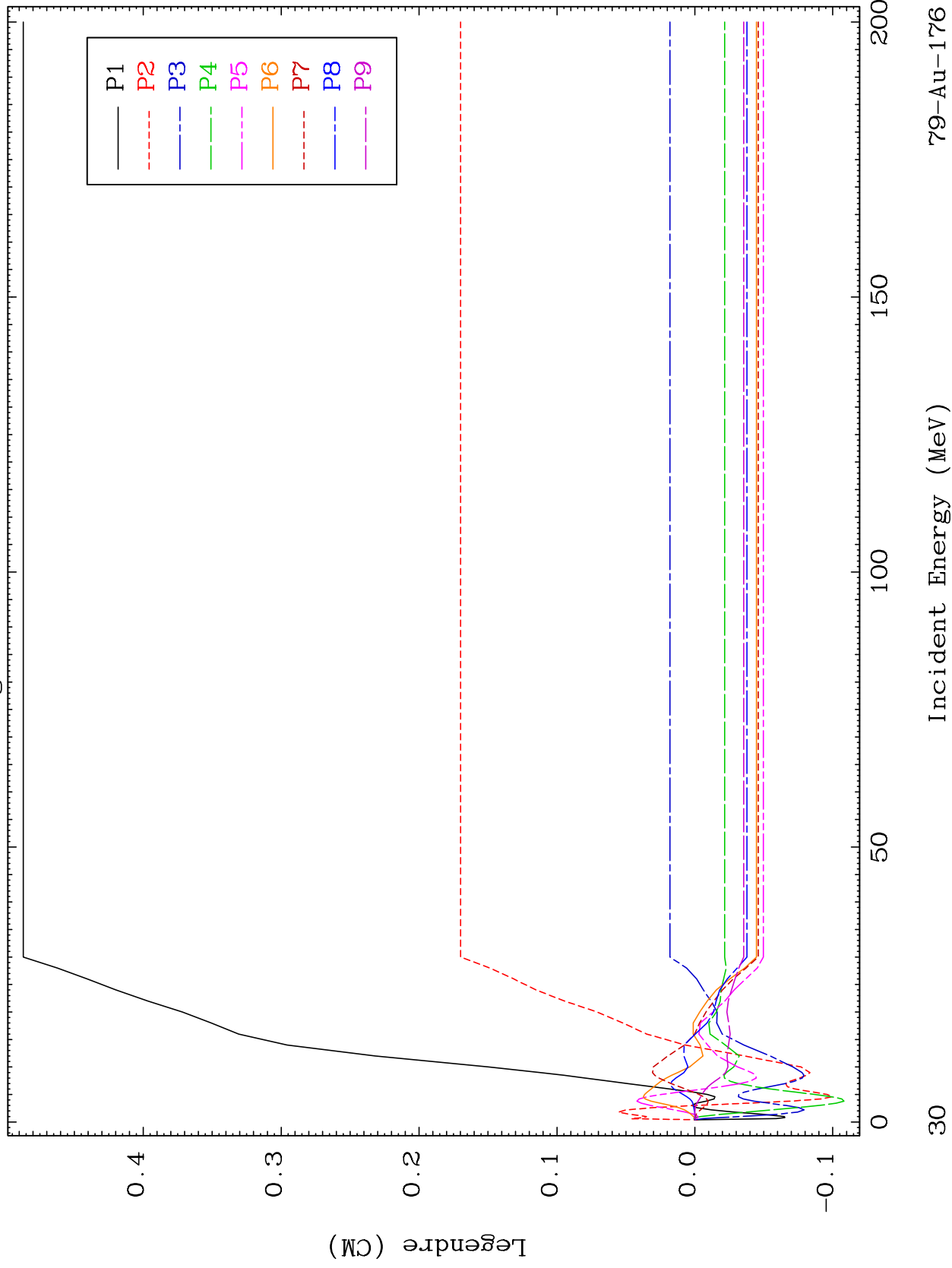
Incident Energy (MeV)

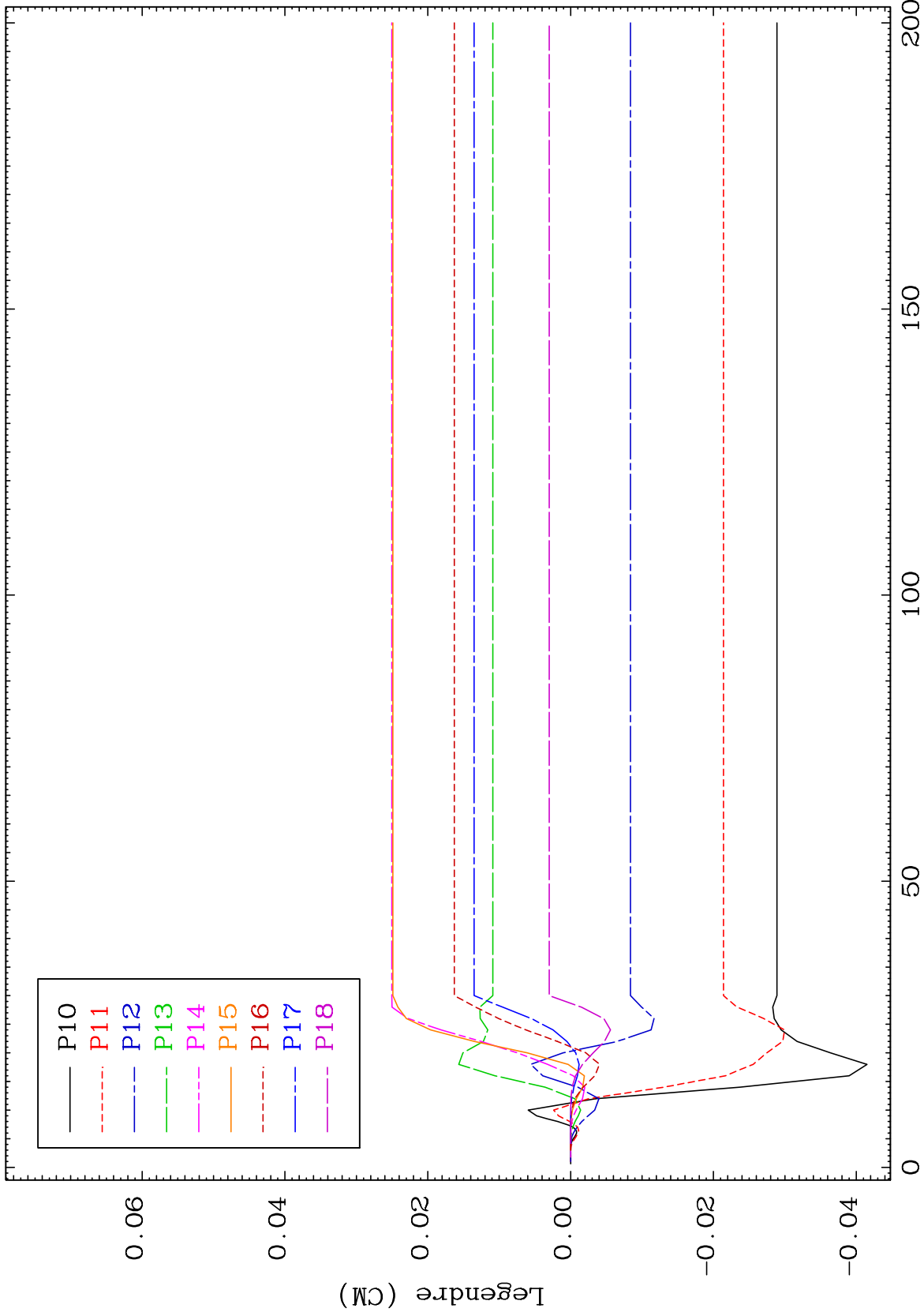
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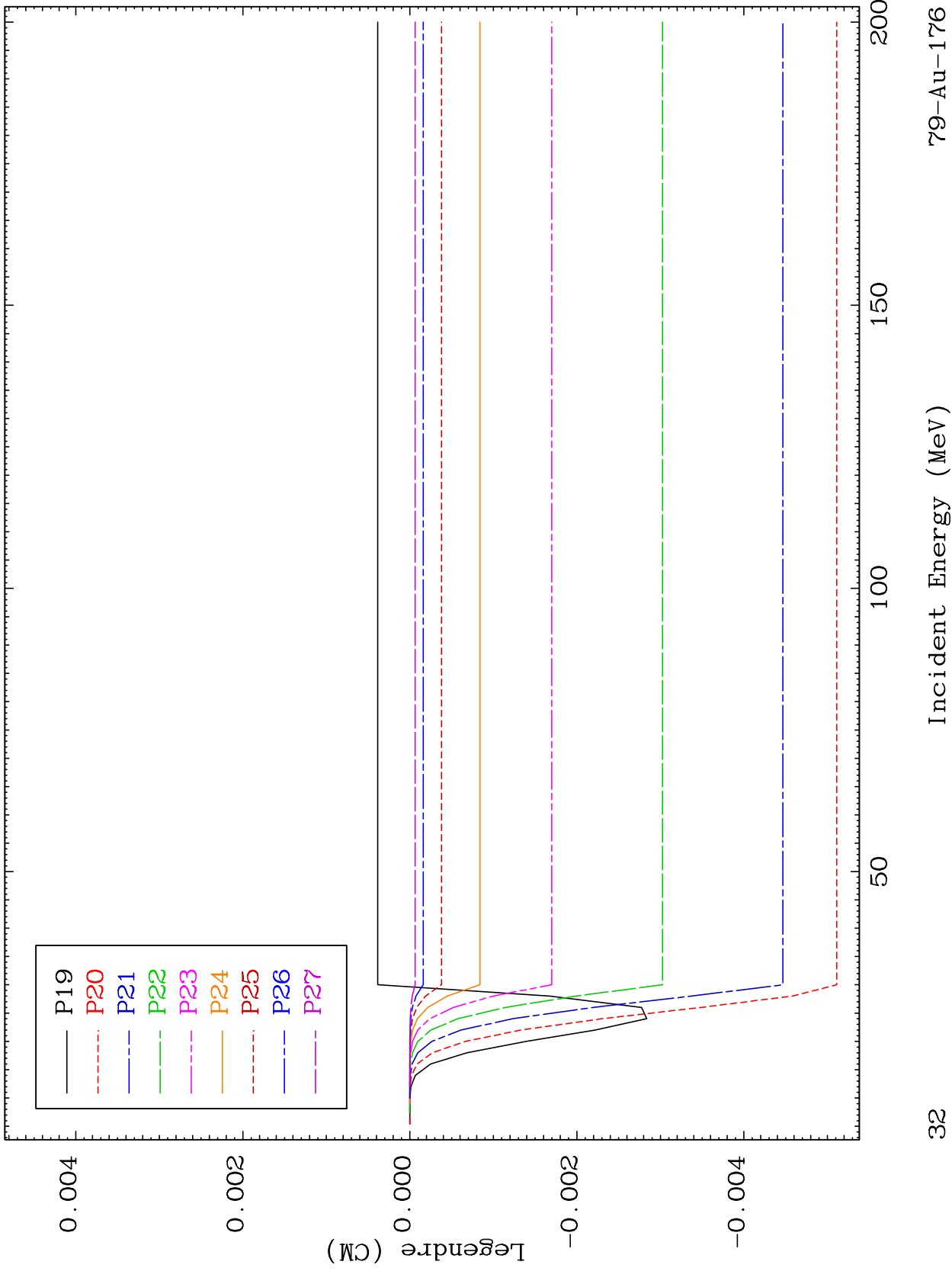
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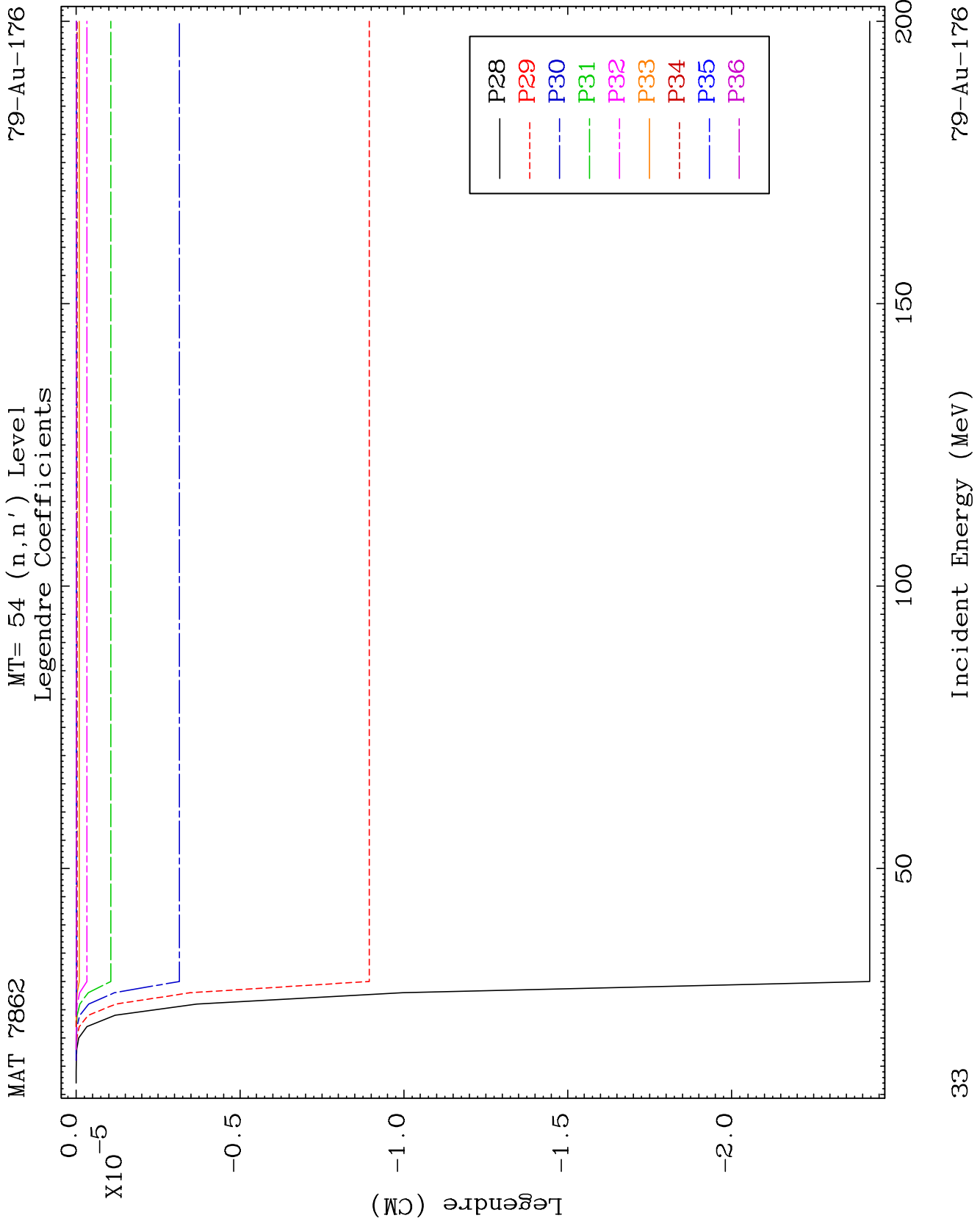
MT= 54 (n,n') Level
Legendre Coefficients

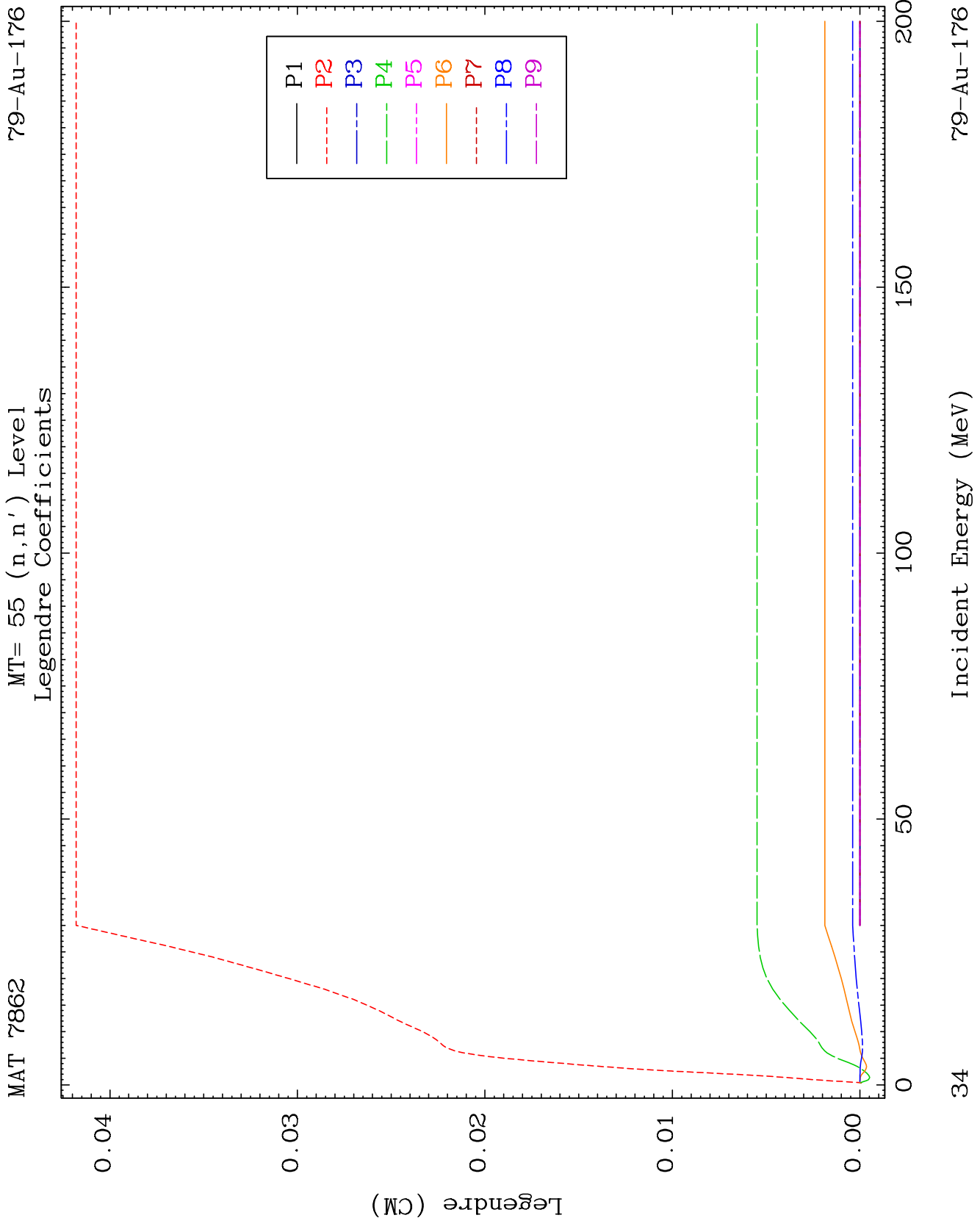
79-Au-176







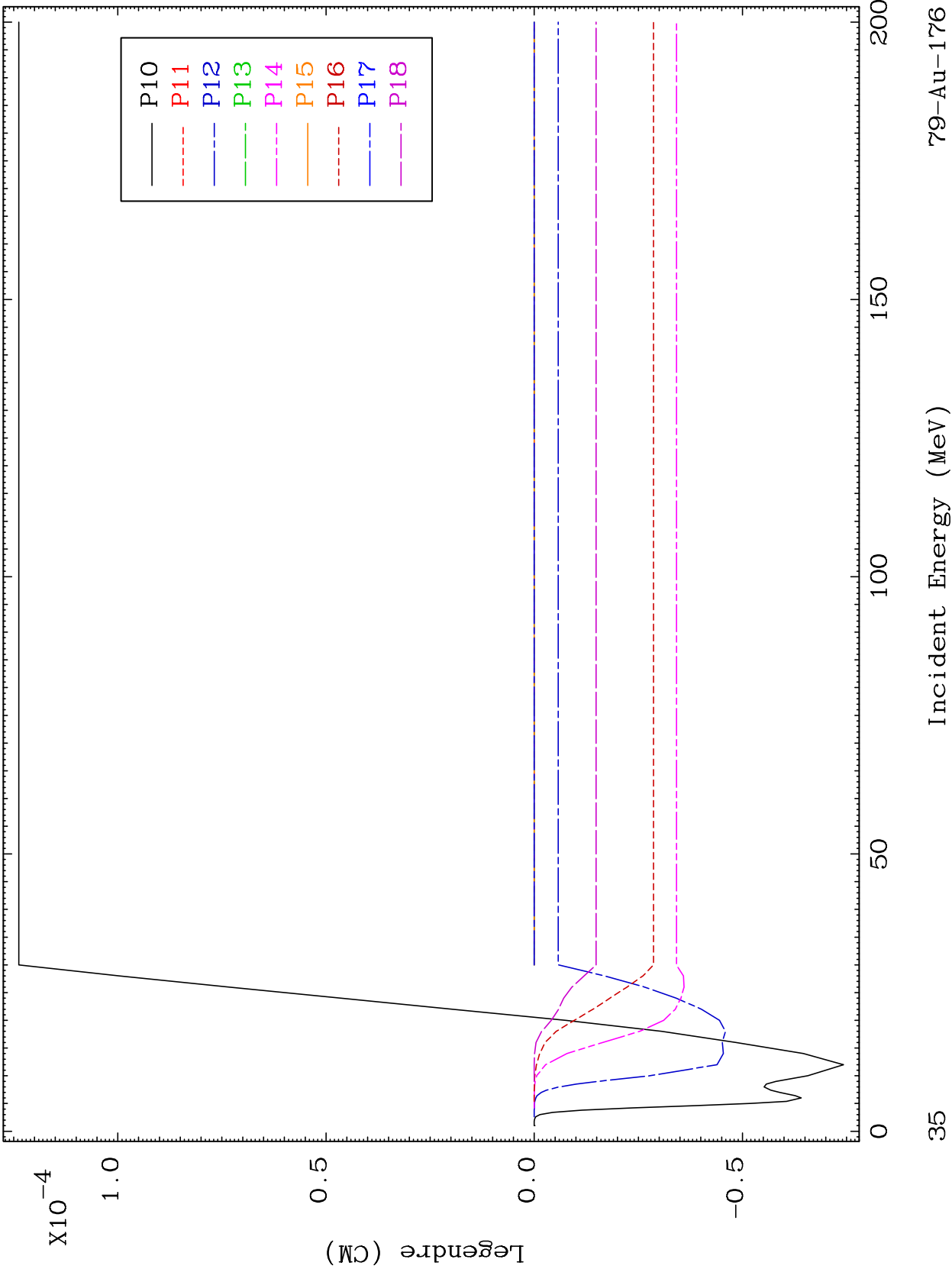




MAT 7862

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

79-Au-176



79-Au-176

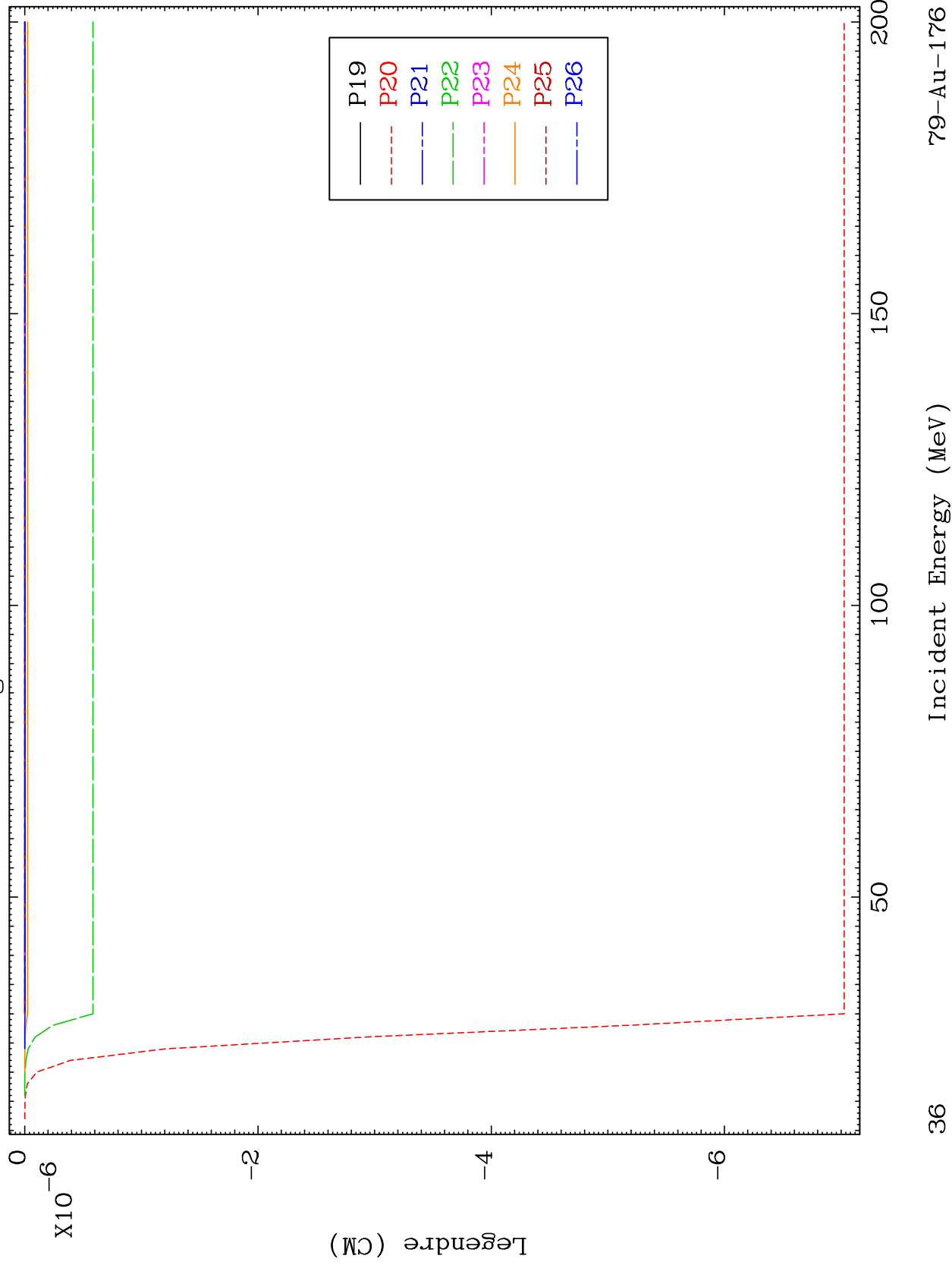
Incident Energy (MeV)

35

MAT 7862

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

79-Au-176



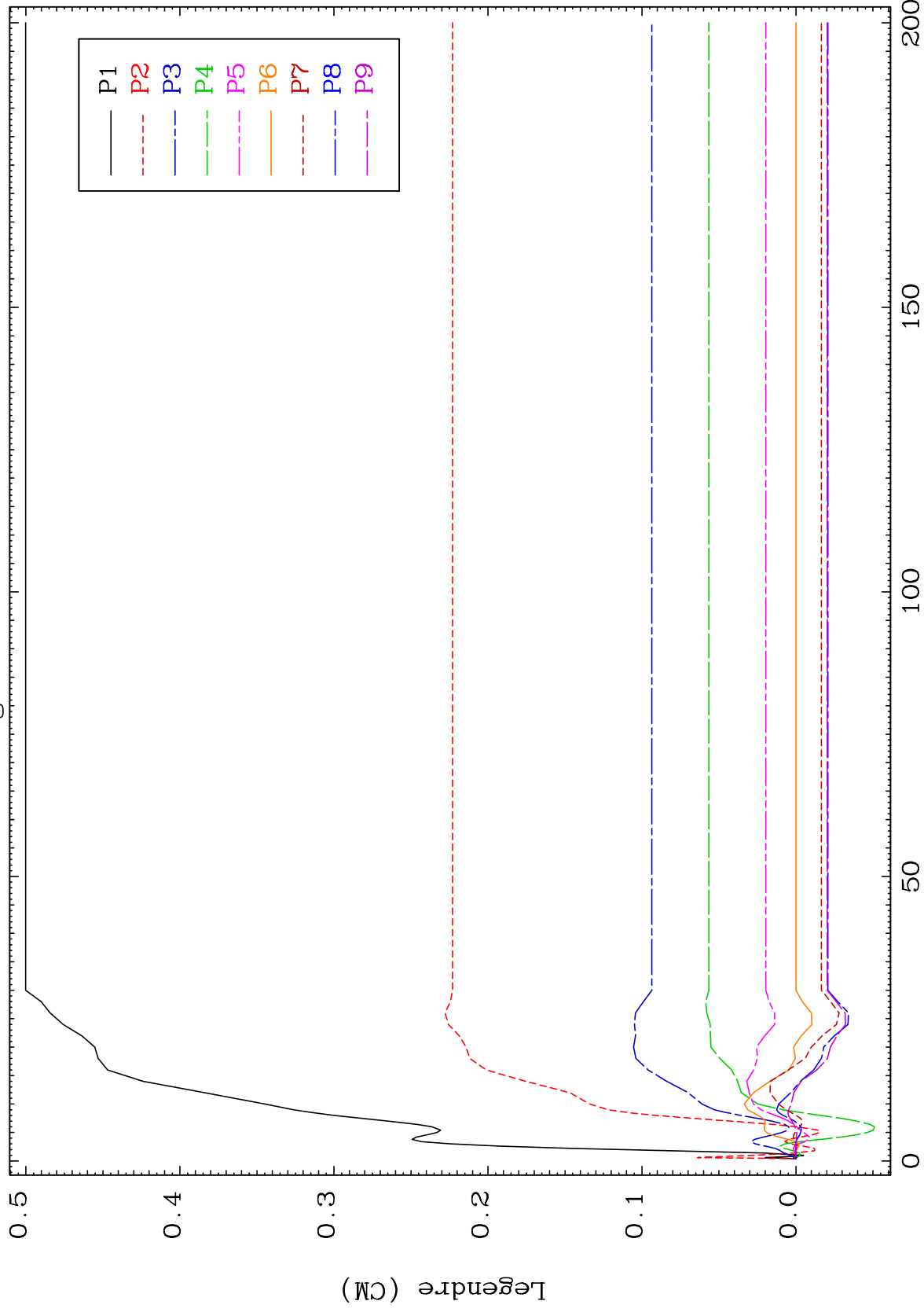
36

79-Au-176

MAT 7862

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

79-Au-176



37

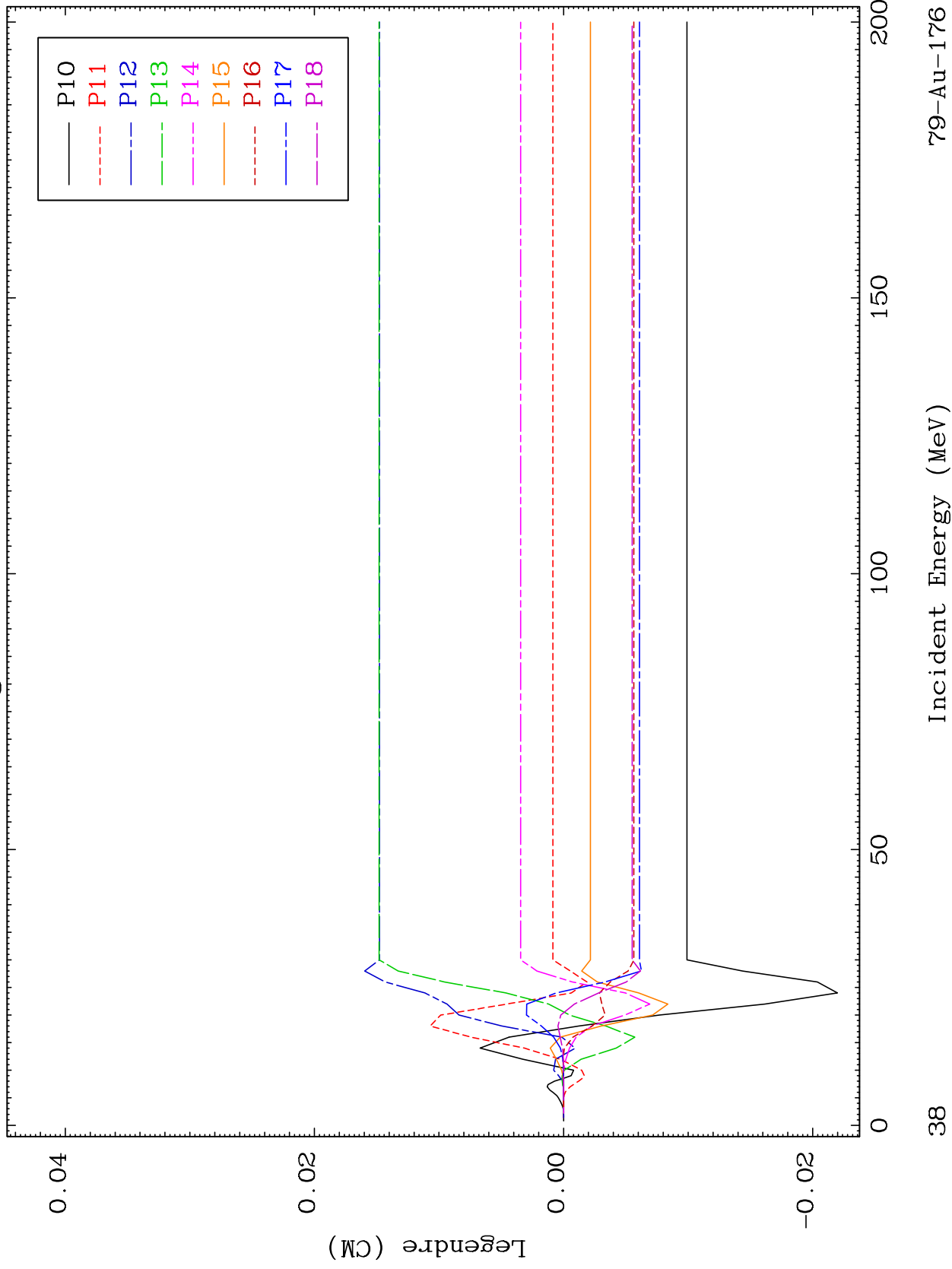
Incident Energy (MeV)

79-Au-176

MAT 7862

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

79-Au-176



79-Au-176

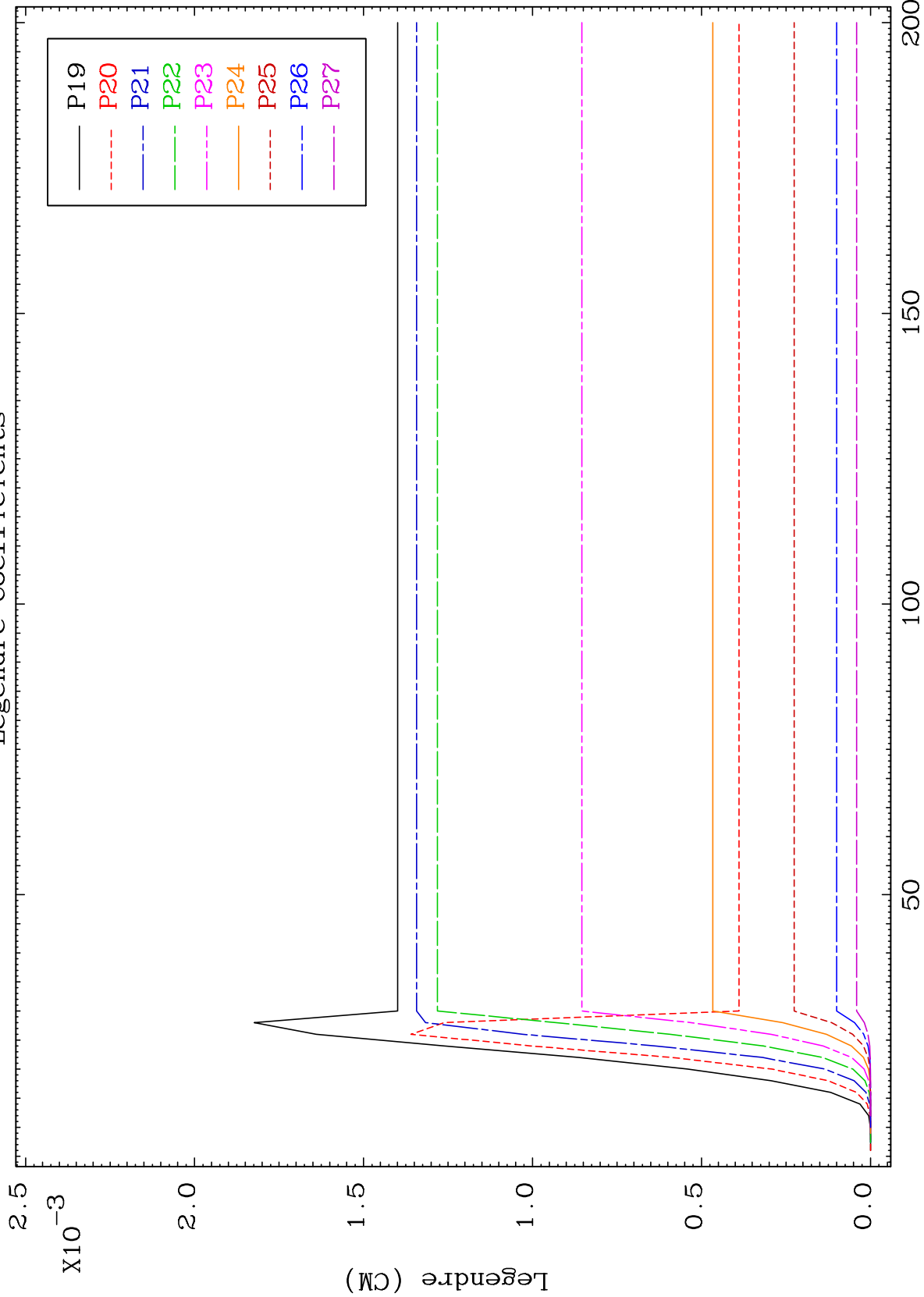
Incident Energy (MeV)

38

MAT 7862

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

79-Au-176



39

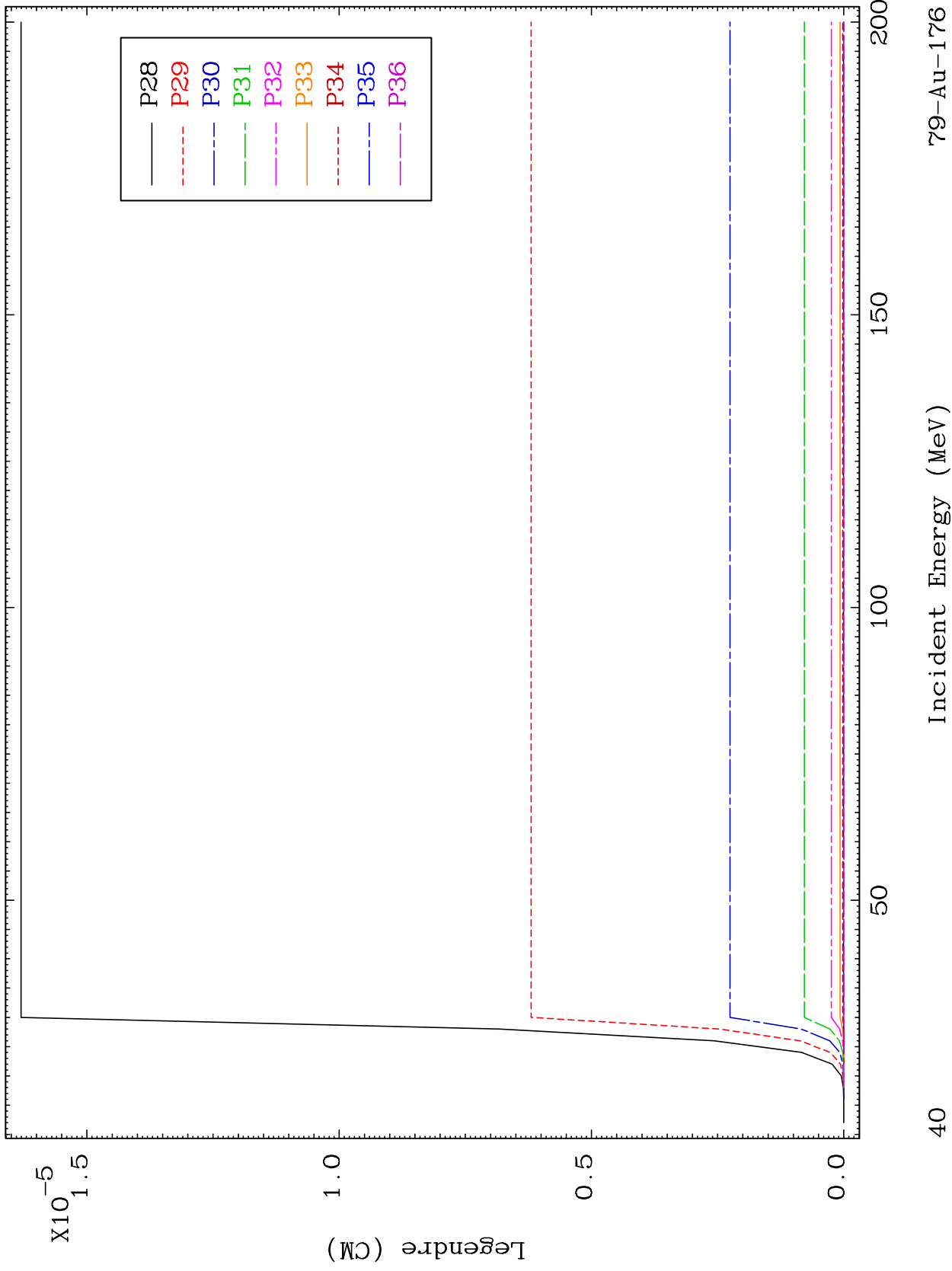
Incident Energy (MeV)

79-Au-176

MAT 7862

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

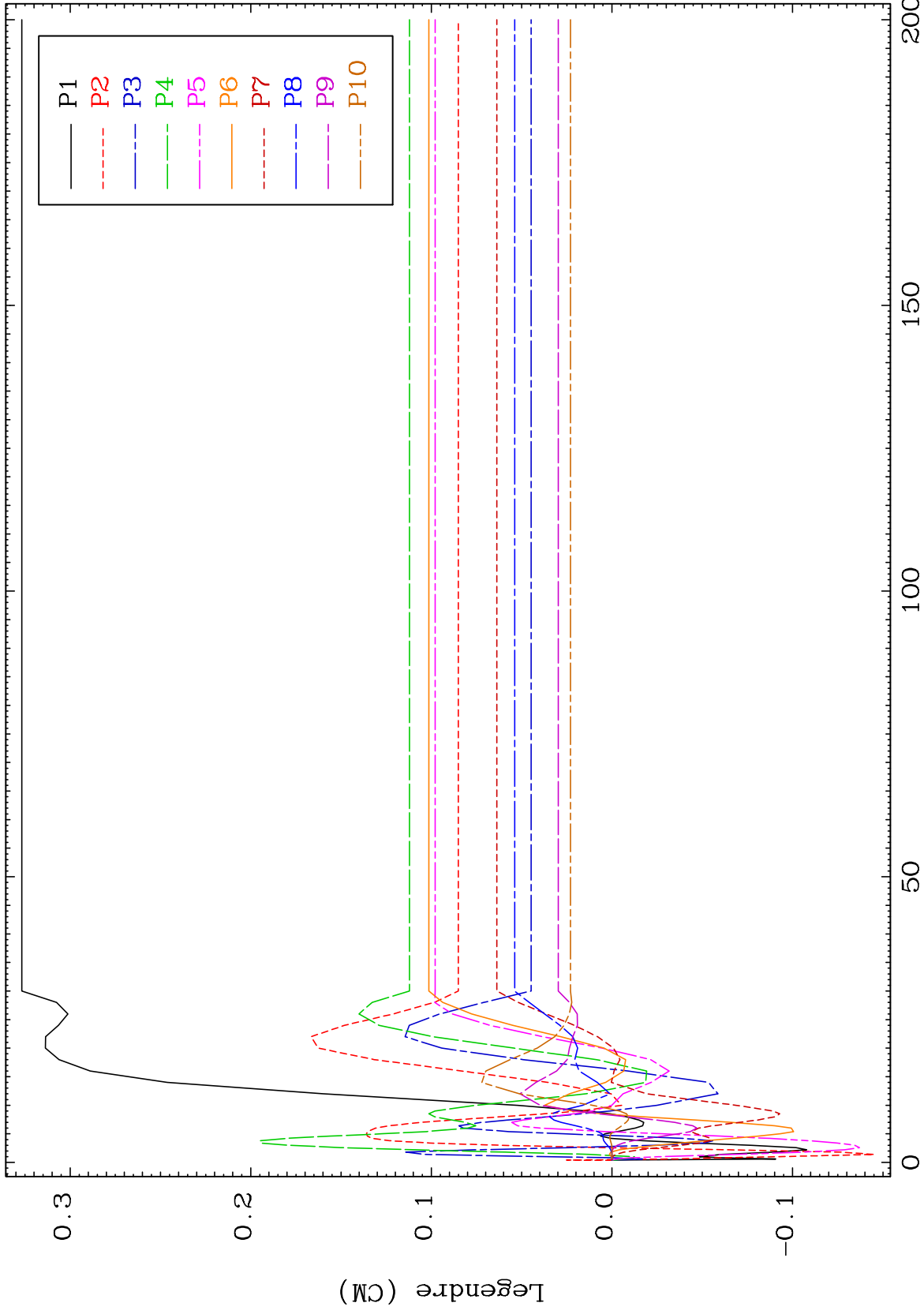
79-Au-176



MAT 7862

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

79-Au-176



41

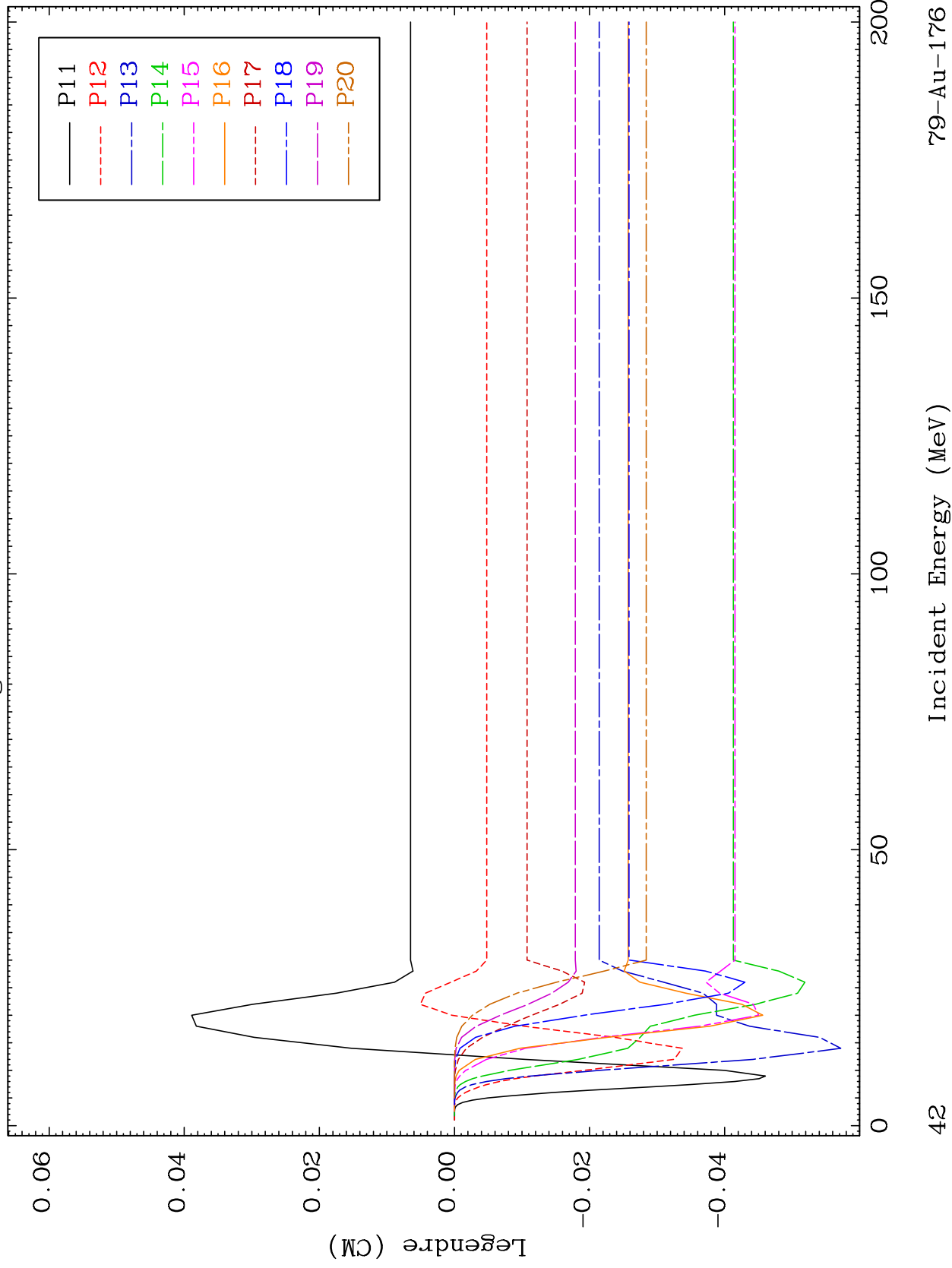
Incident Energy (MeV)

79-Au-176

MAT 7862

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

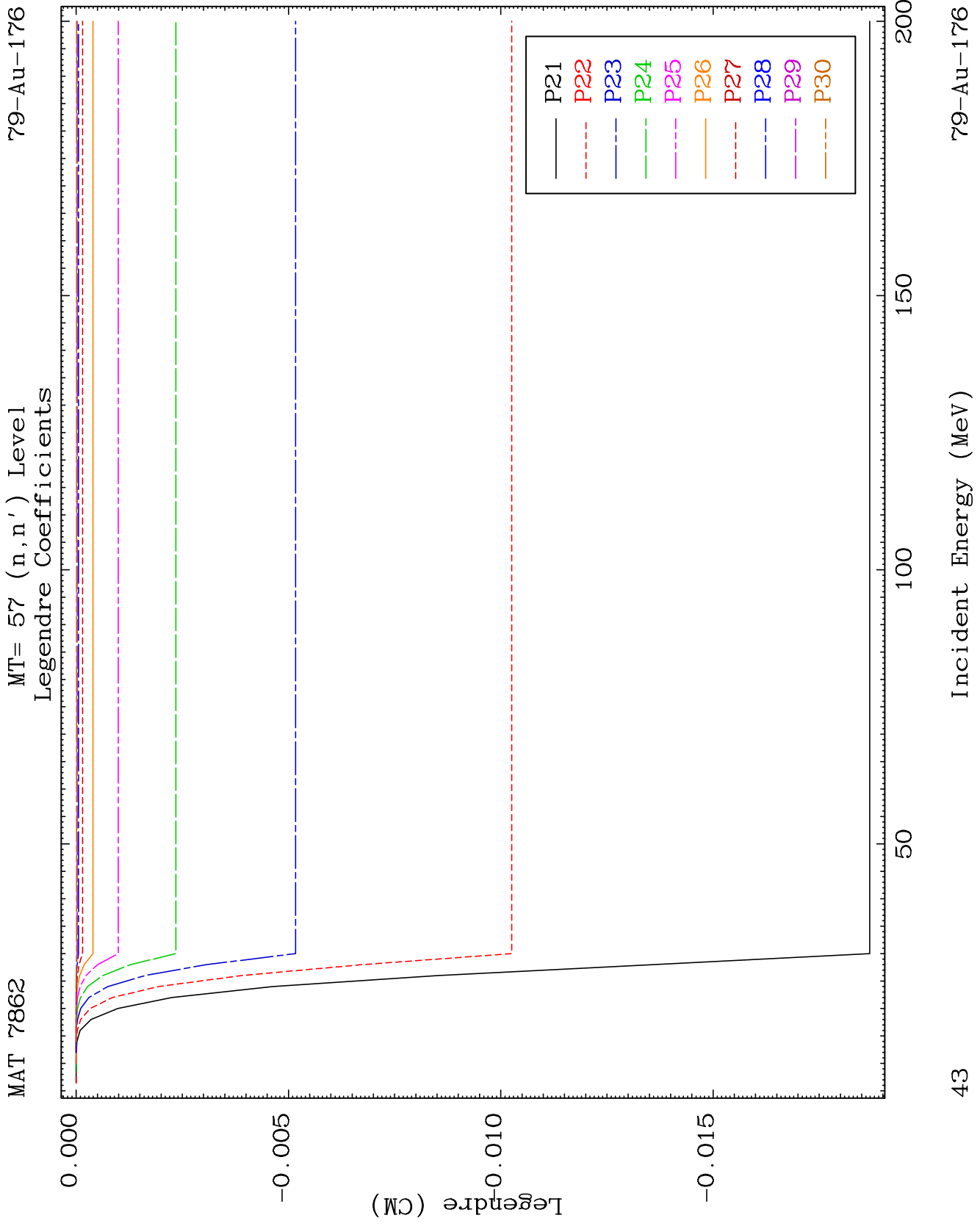
79-Au-176



79-Au-176

Incident Energy (MeV)

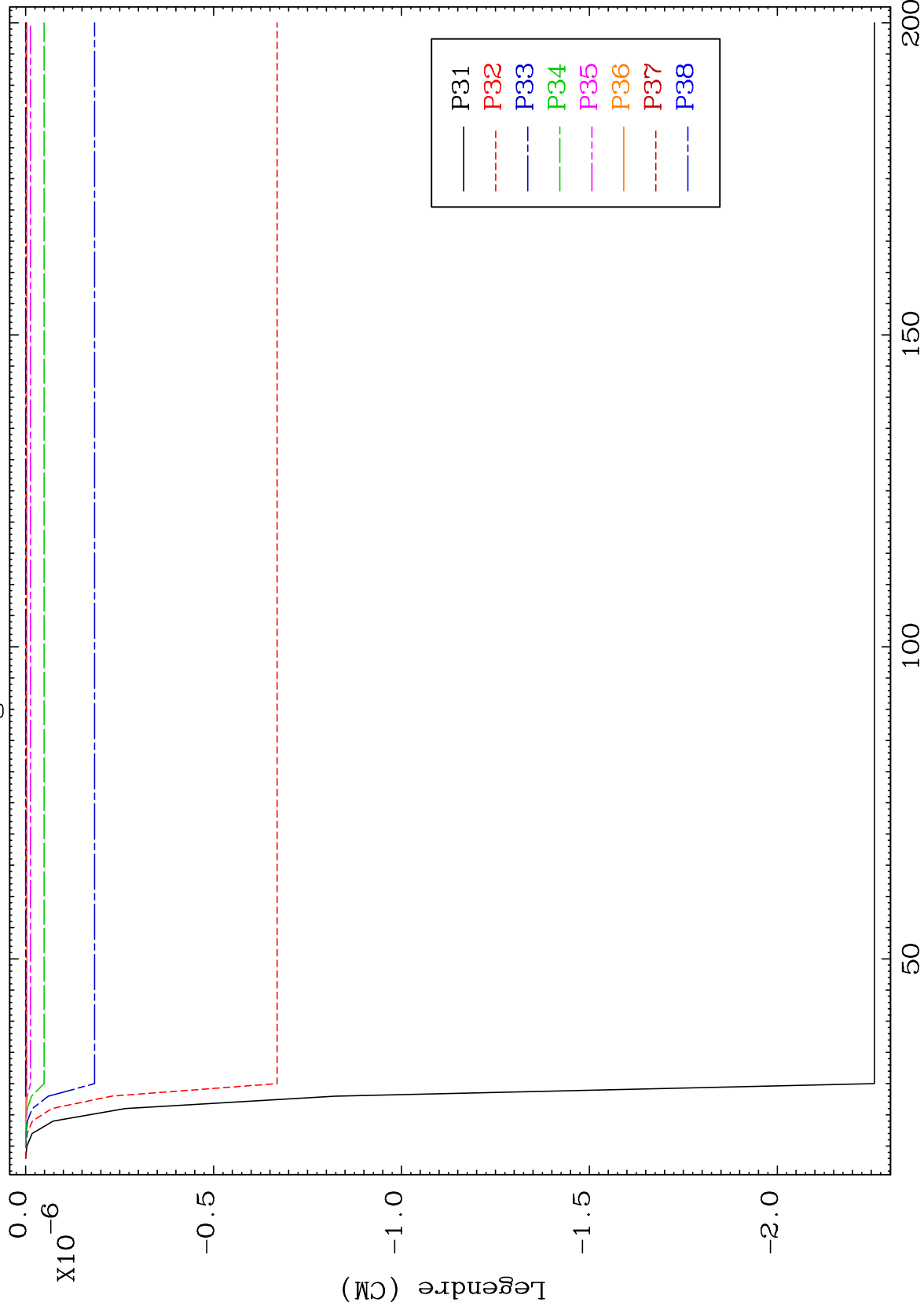
42



MAT 7862

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

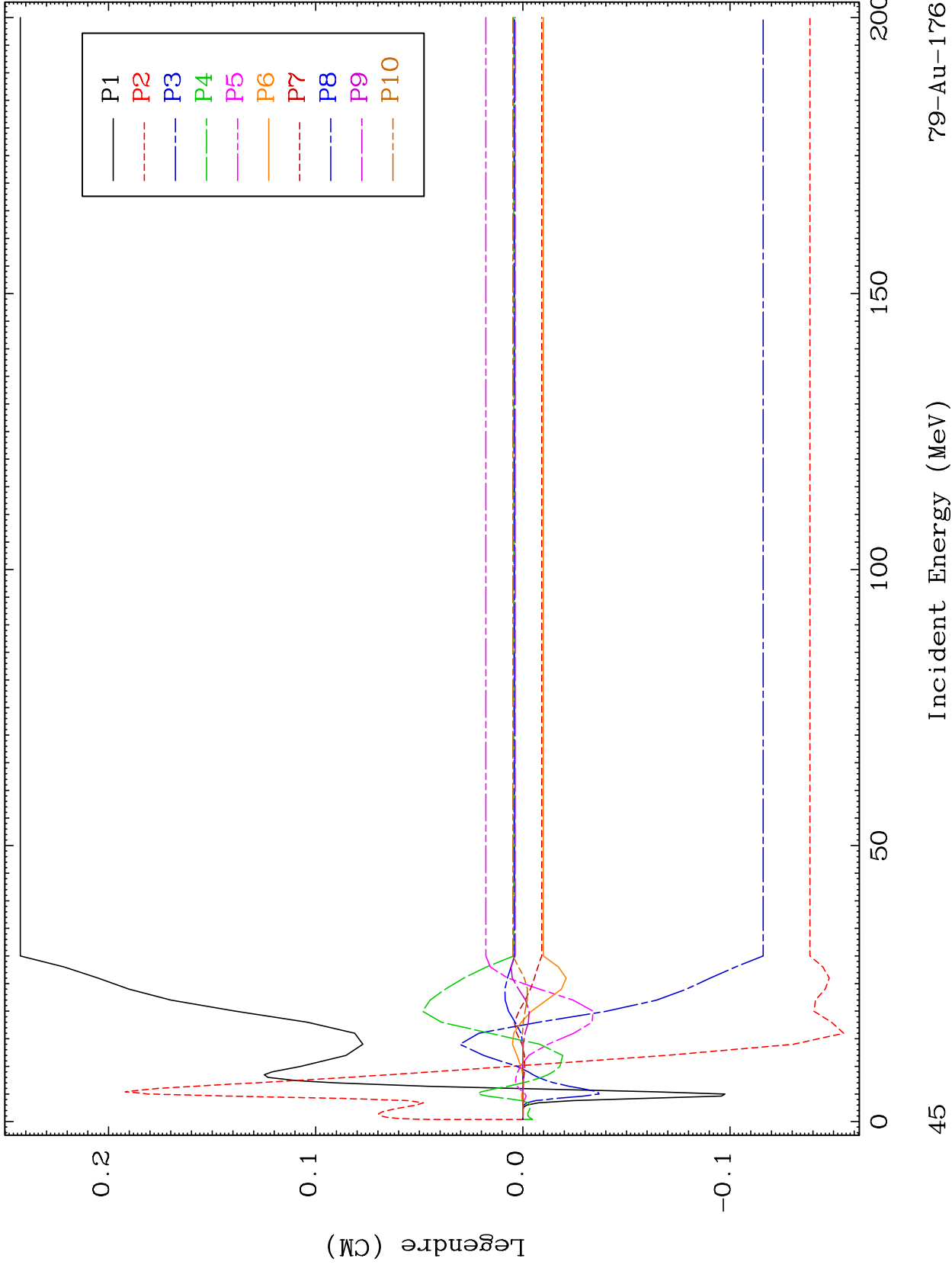
79-Au-176



MAT 7862

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

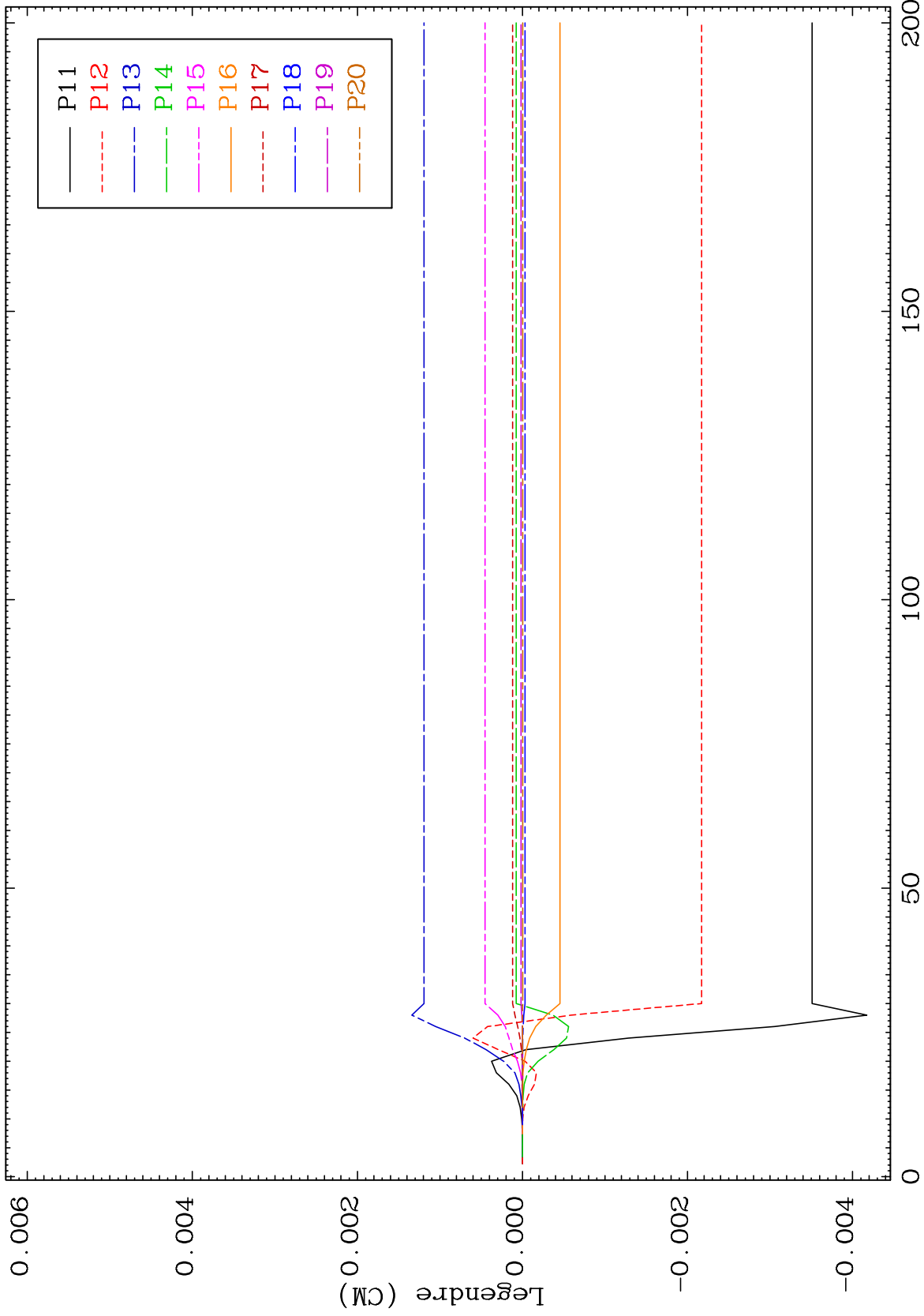
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MAT 7862

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

79-Au-176



46

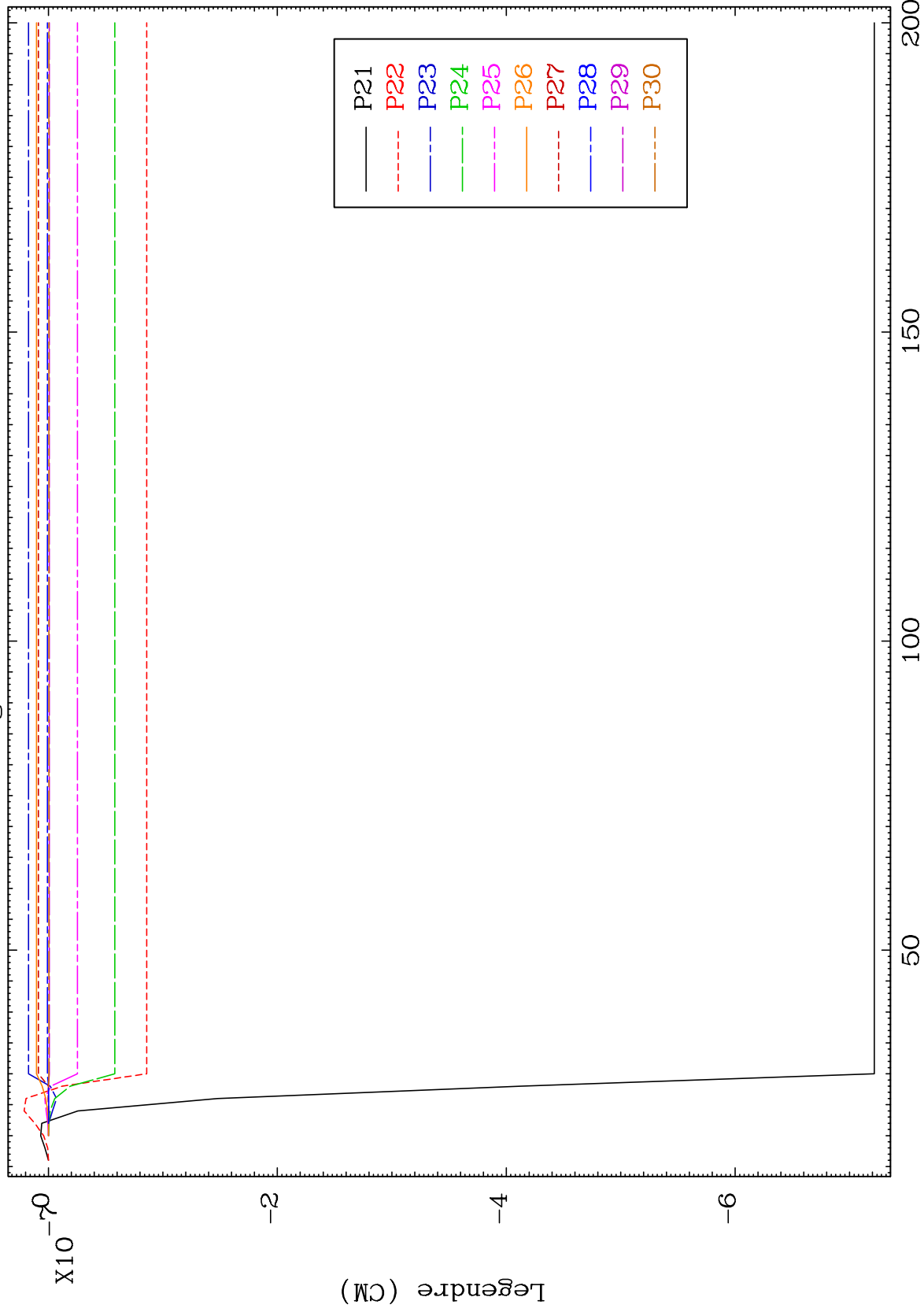
Incident Energy (MeV)

79-Au-176

MAT 7862

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

79-Au-176



47

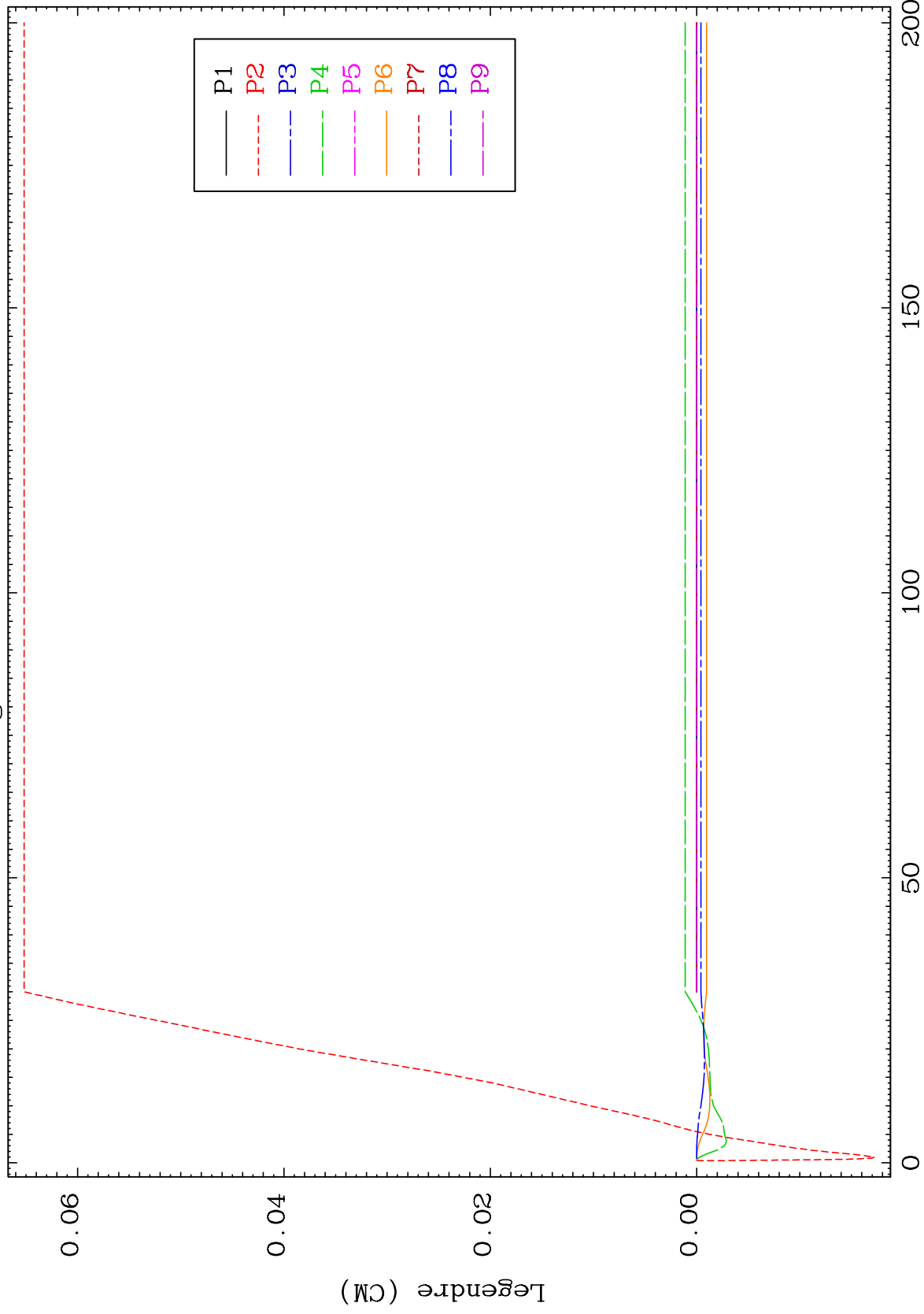
Incident Energy (MeV)

79-Au-176

MAT 7862

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

79-Au-176



48

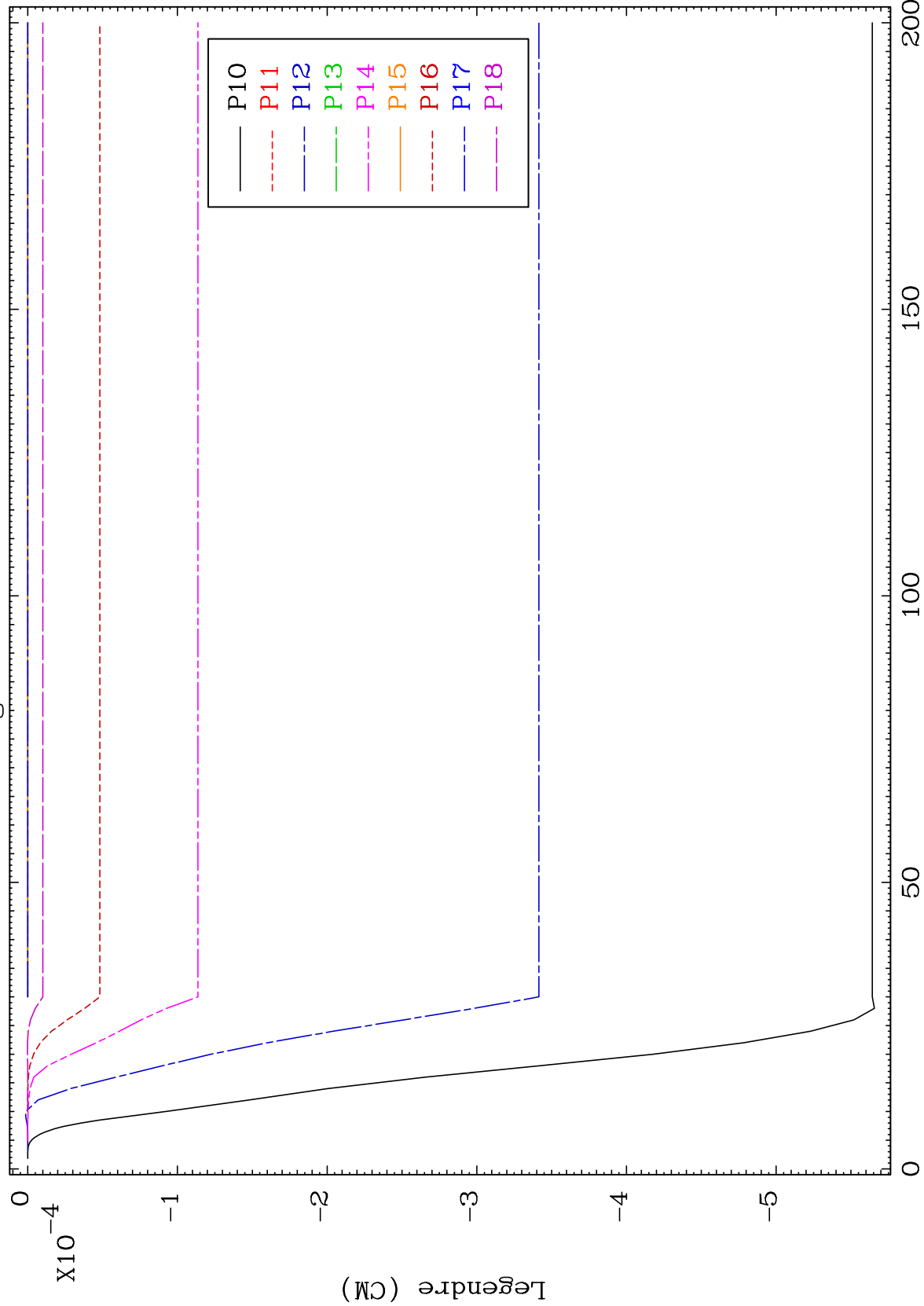
Incident Energy (MeV)

79-Au-176

MAT 7862

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

79-Au-176



49

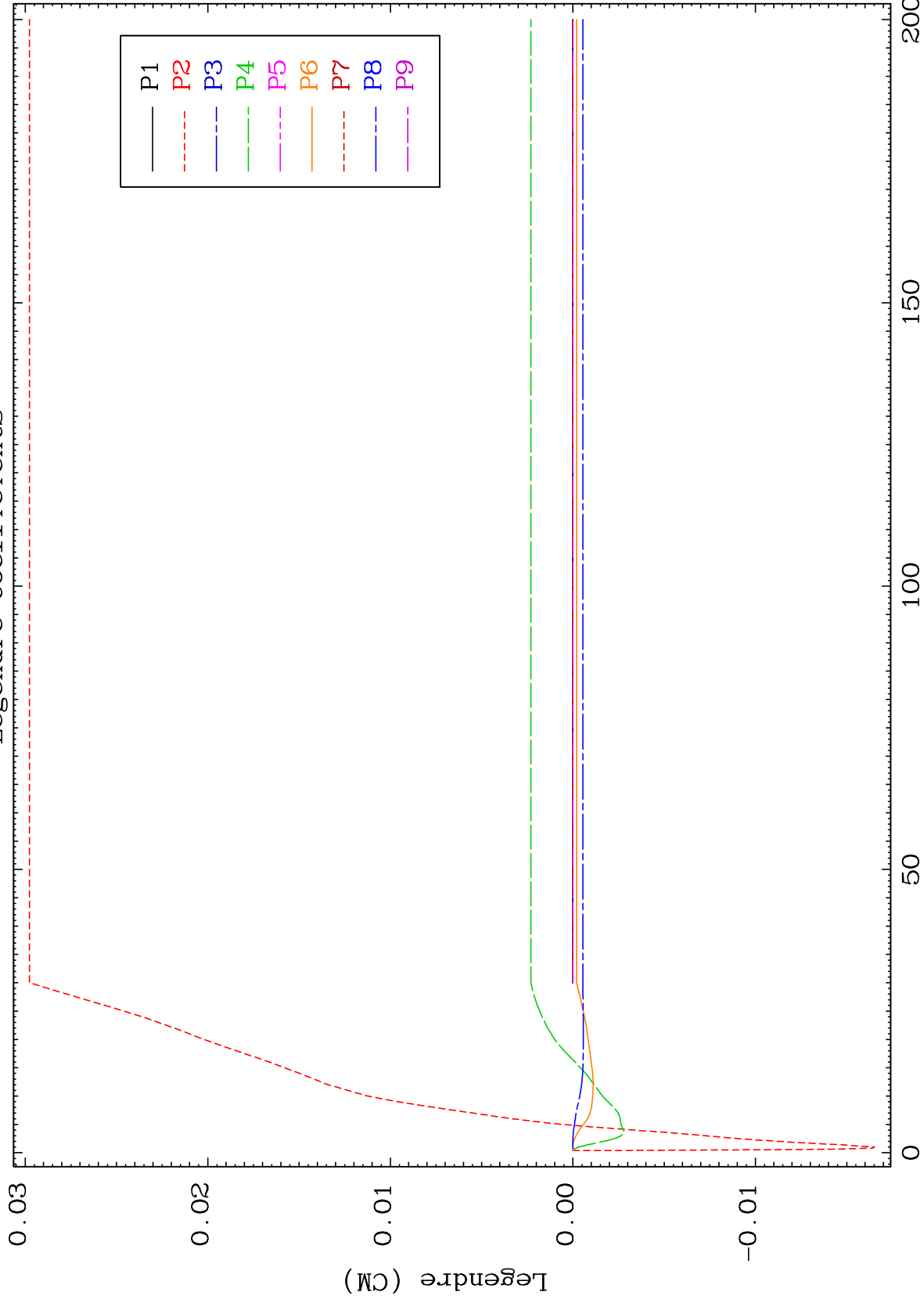
Incident Energy (MeV)

79-Au-176

MAT 7862

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

79-Au-176



51

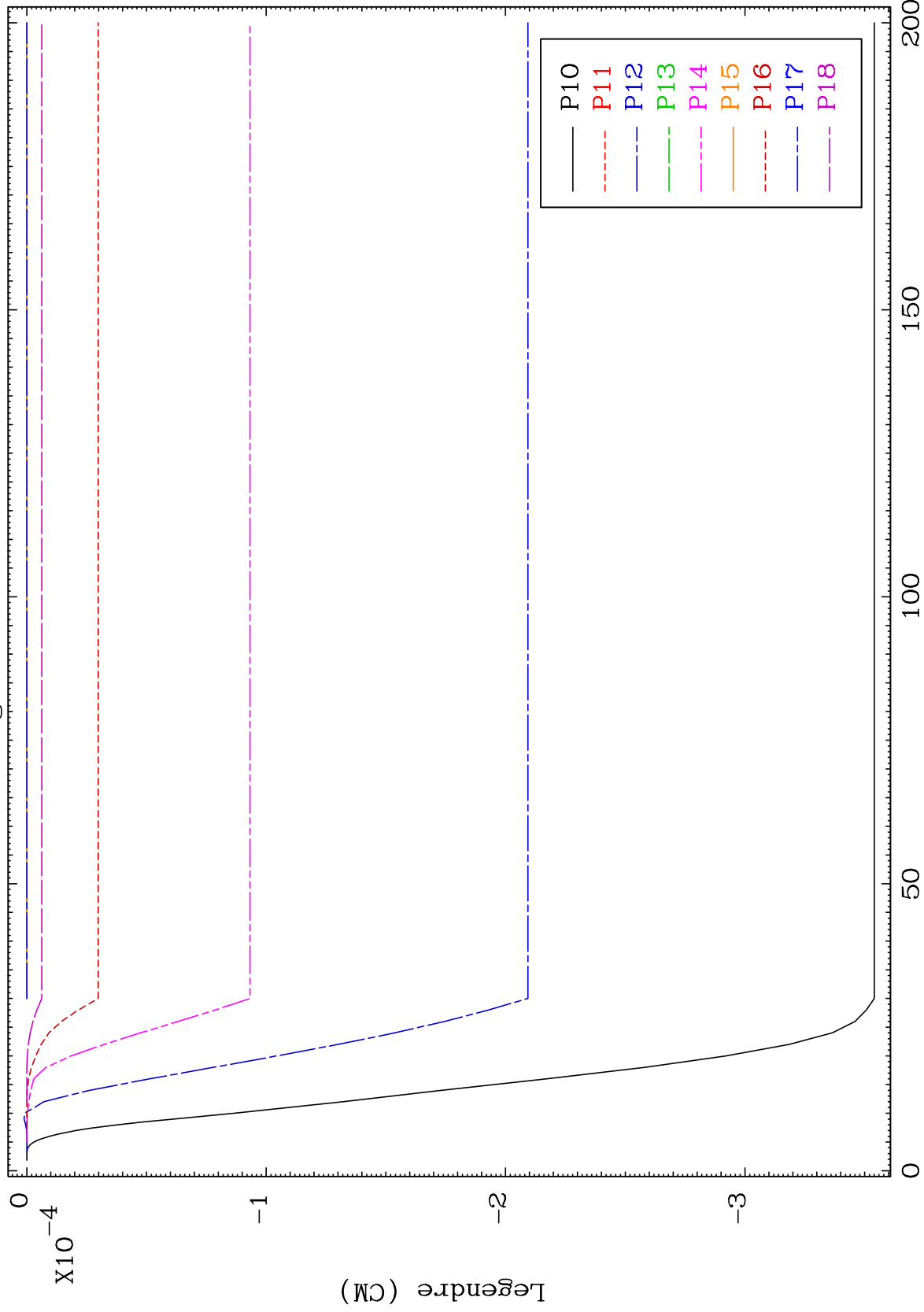
Incident Energy (MeV)

79-Au-176

MAT 7862

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

79-Au-176



52

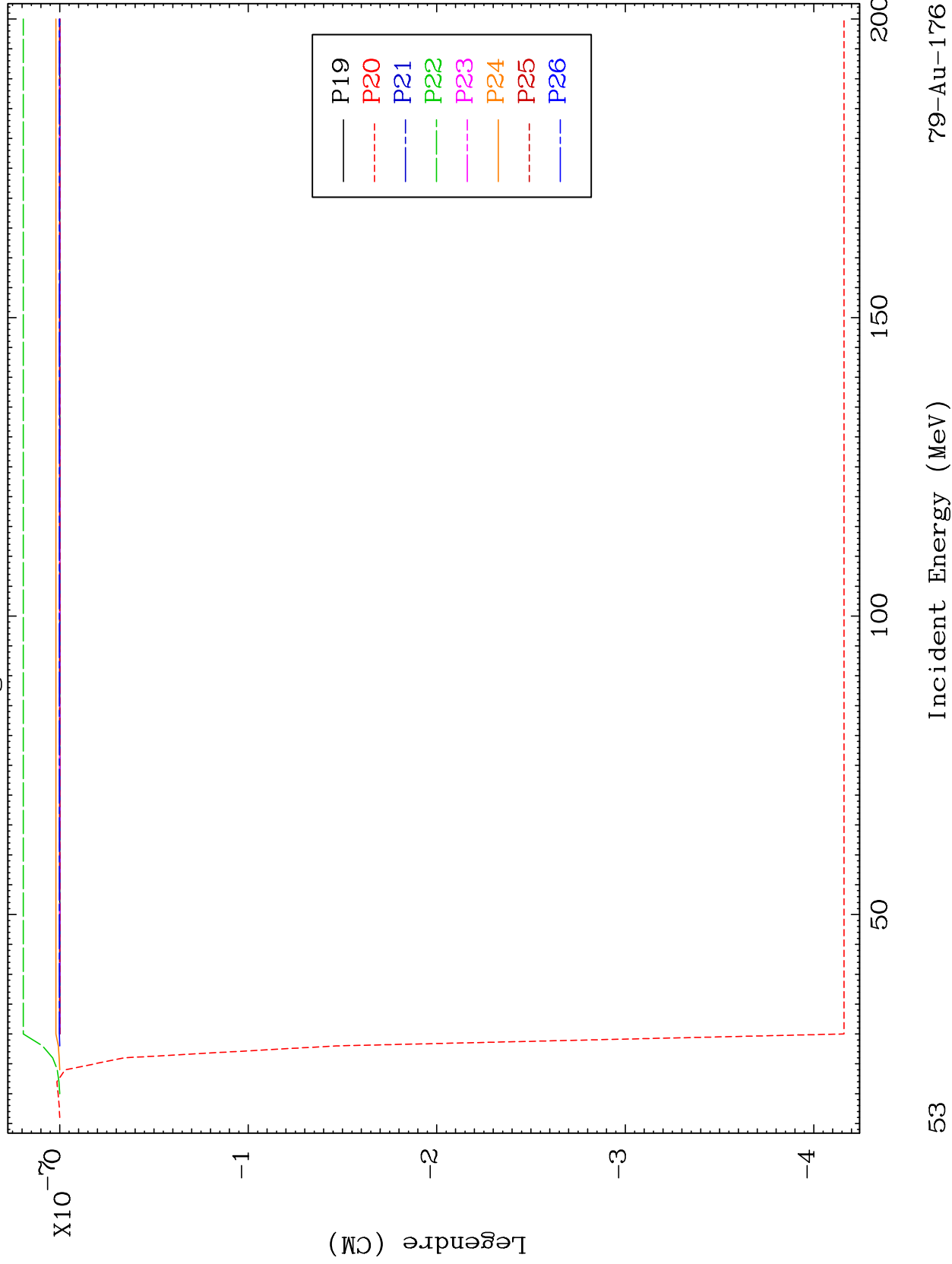
Incident Energy (MeV)

79-Au-176

MAT 7862

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

79-Au-176



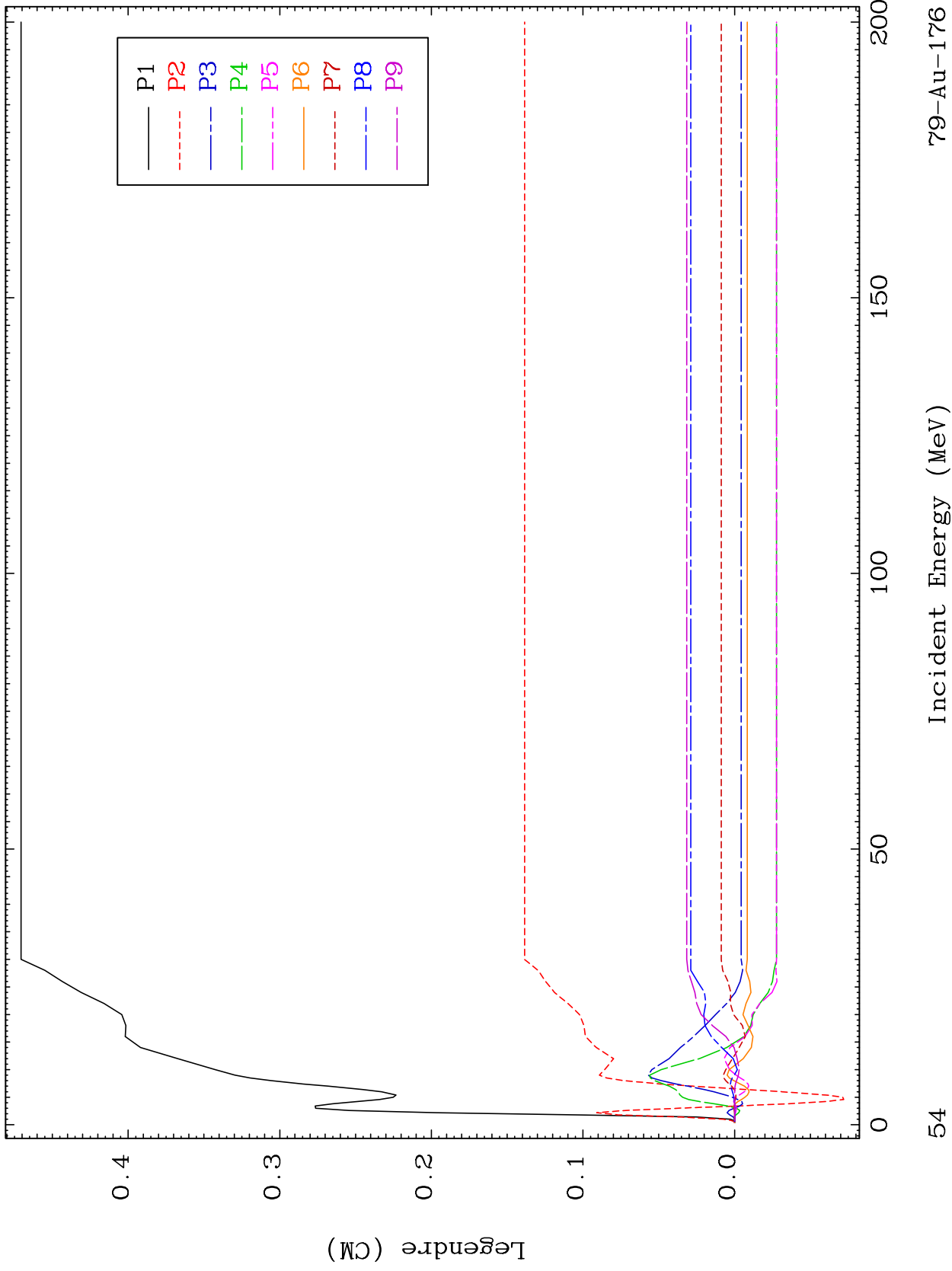
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79-Au-176

MAT 7862

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

79-Au-176



54

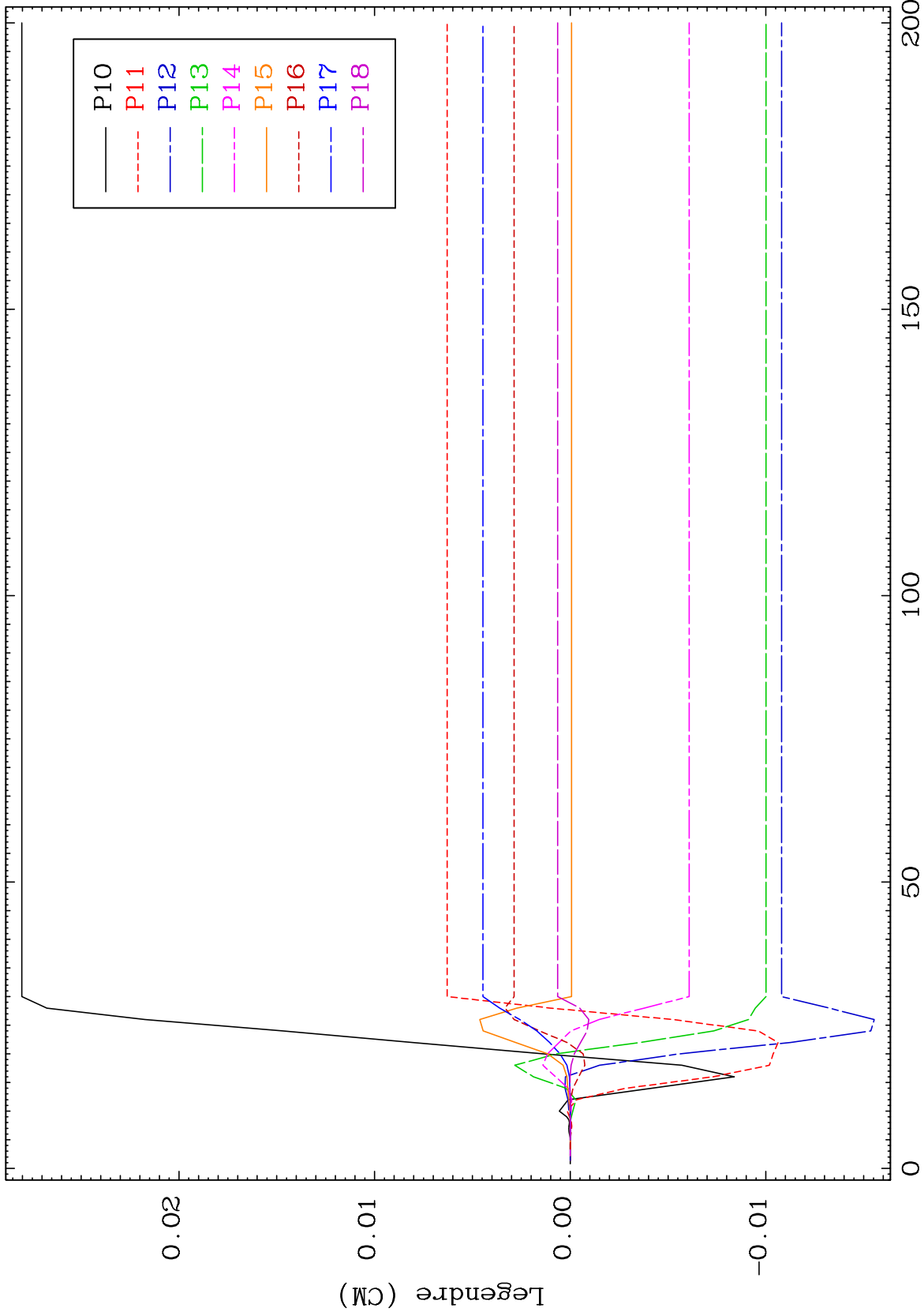
Incident Energy (MeV)

79-Au-176

MAT 7862

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

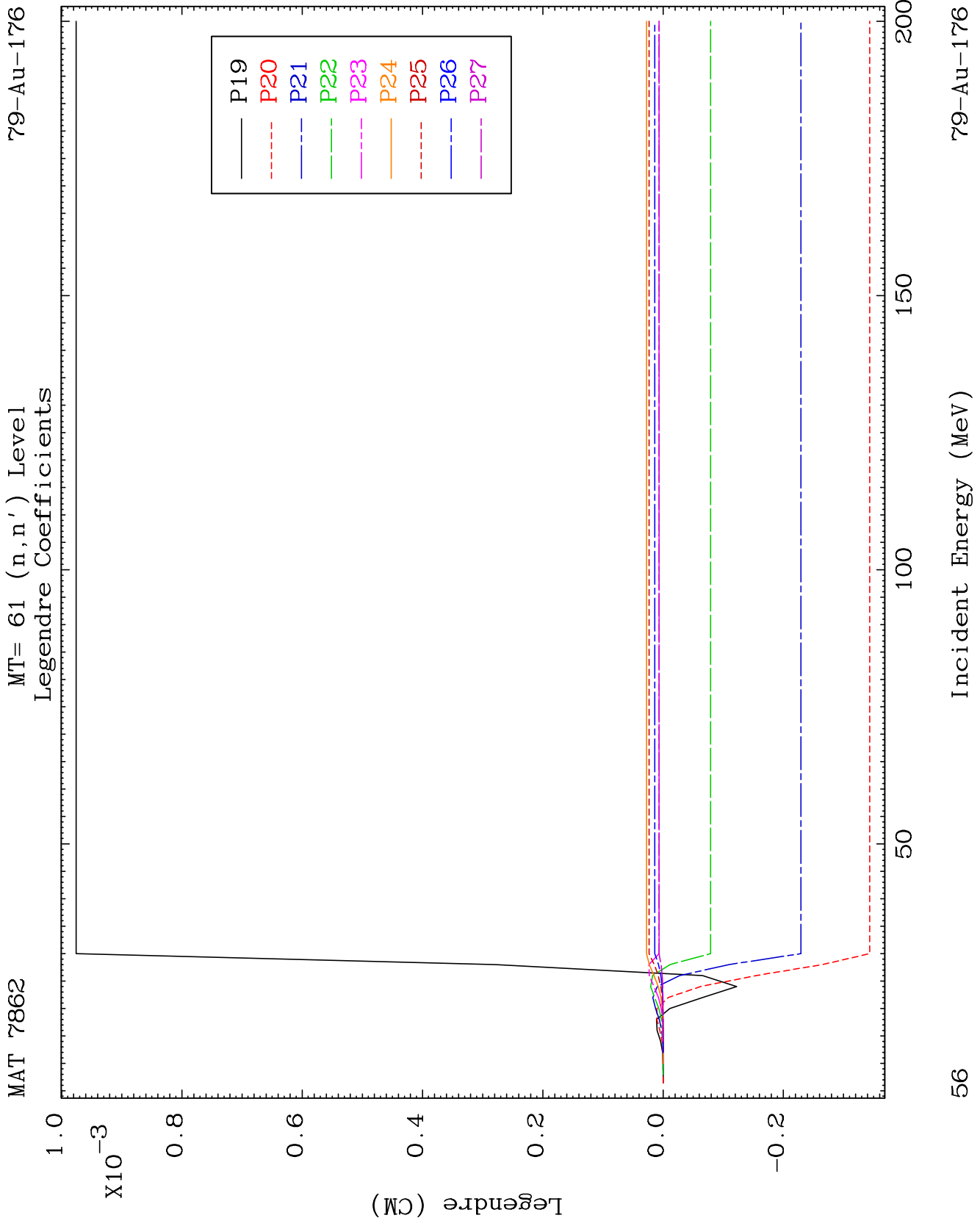
79-Au-176



55

Incident Energy (MeV)

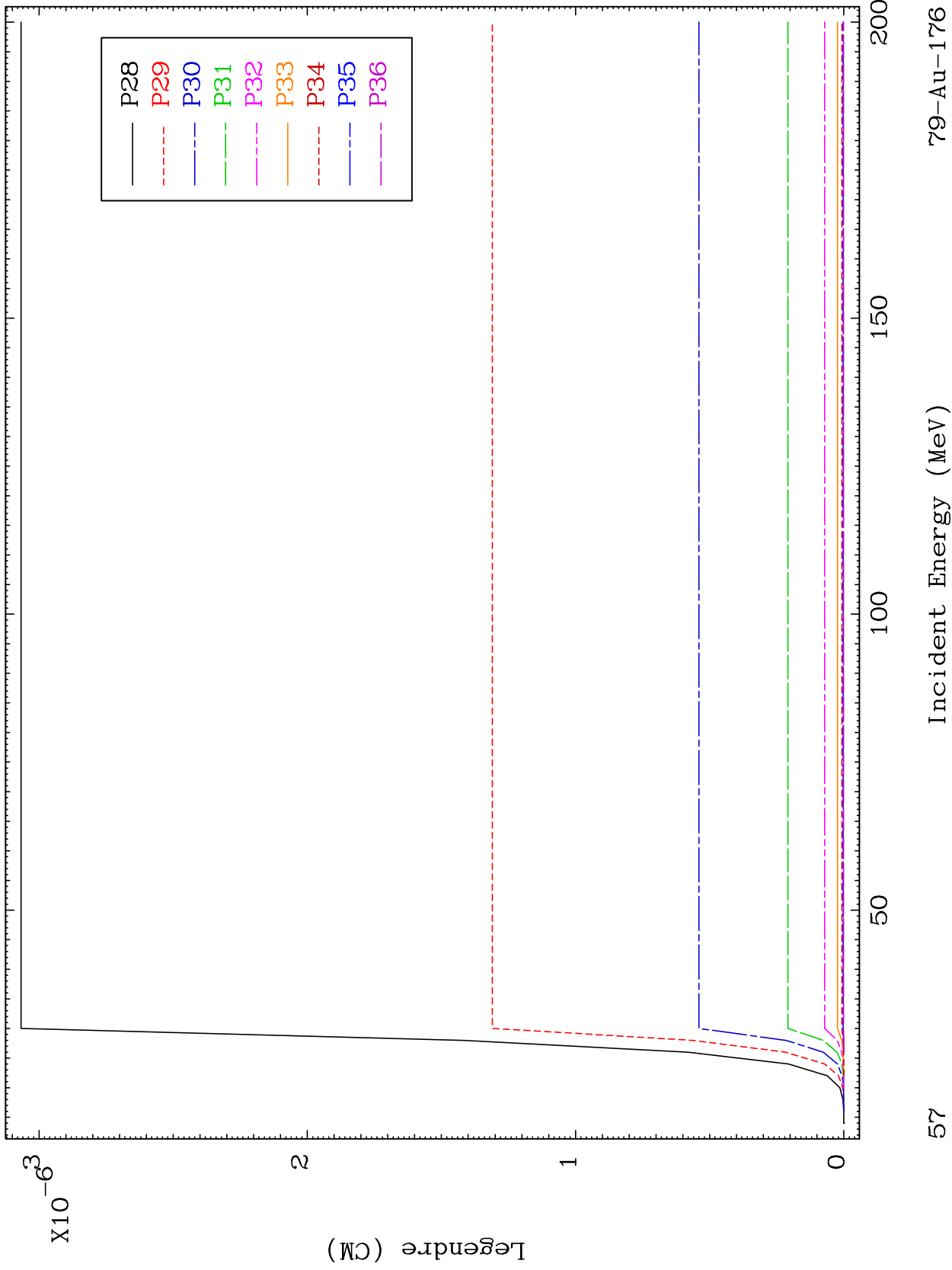
79-Au-176



MAT 7862

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

79-Au-176



57

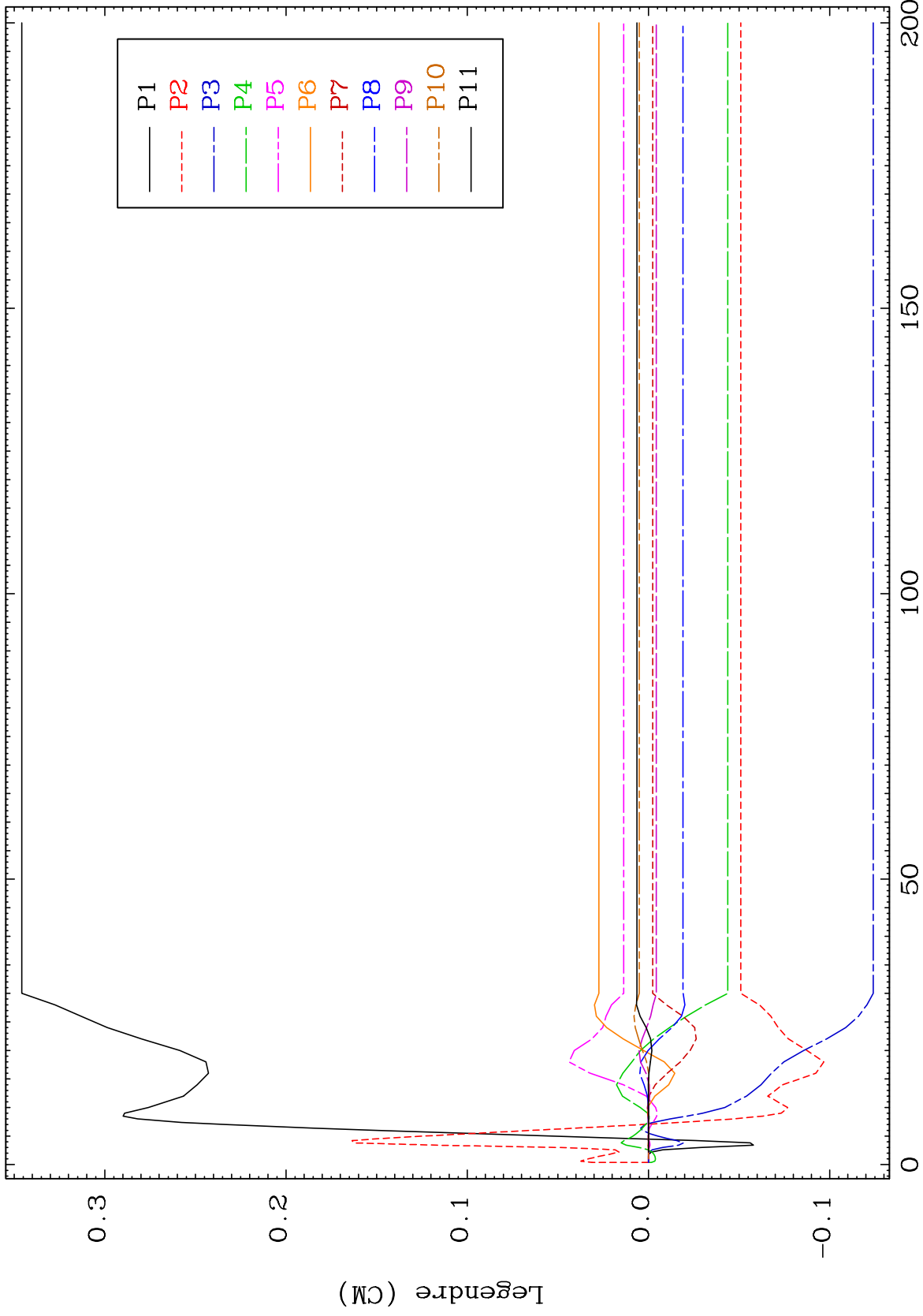
Incident Energy (MeV)

79-Au-176

MAT 7862

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

79-Au-176



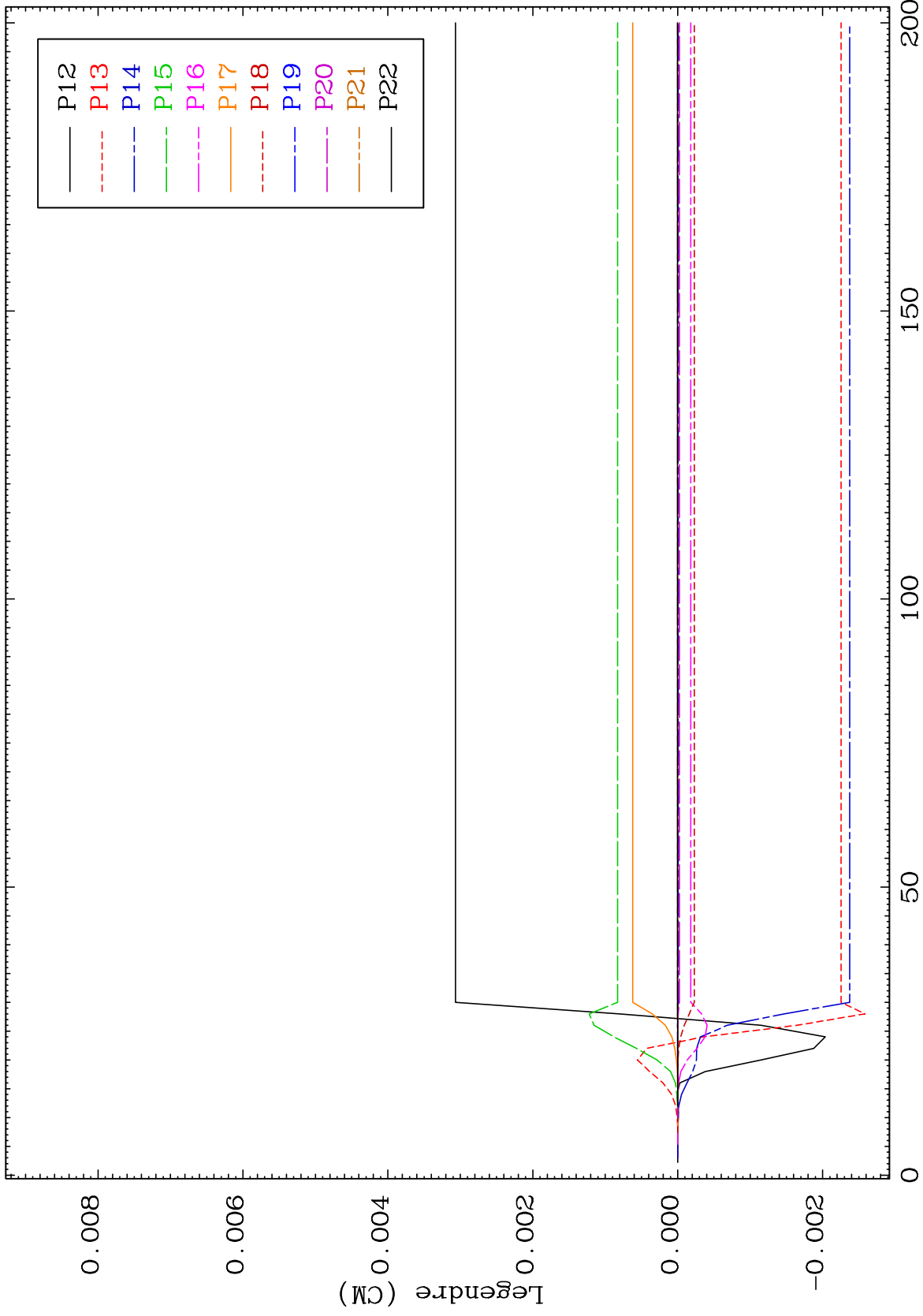
58

79-Au-176

MAT 7862

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

79-Au-176



59

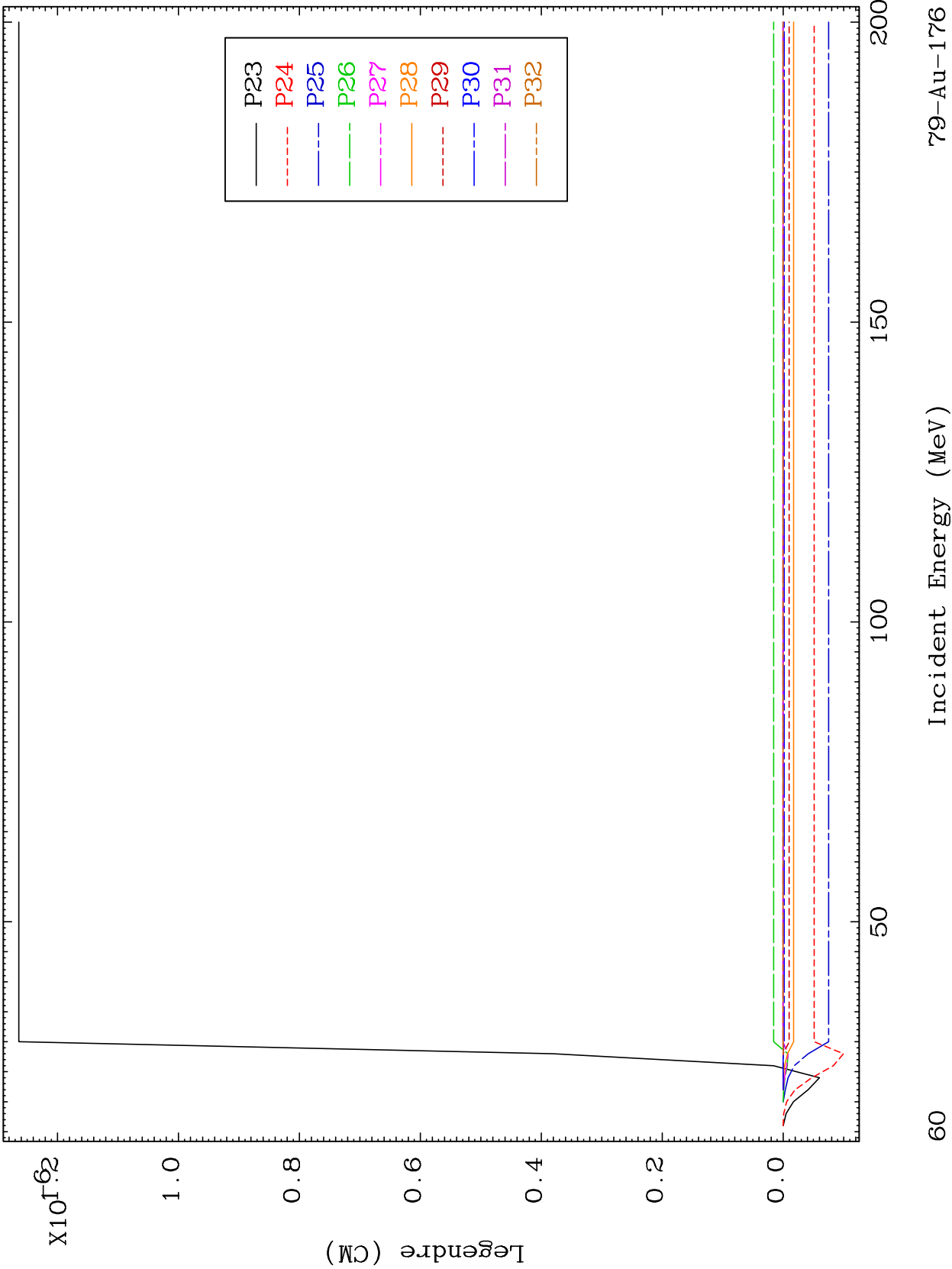
Incident Energy (MeV)

79-Au-176

MAT 7862

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

79-Au-176



79-Au-176

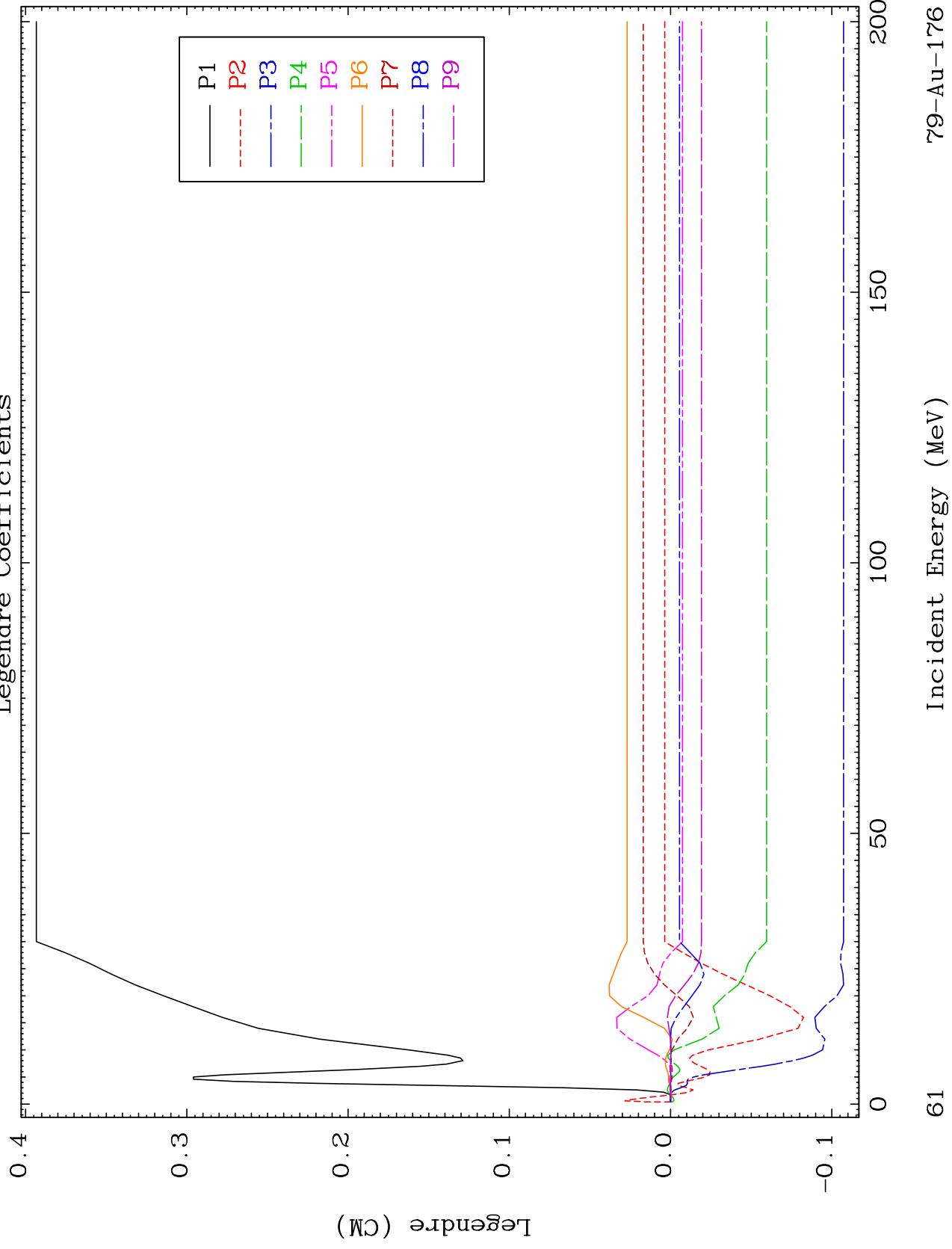
Incident Energy (MeV)

60

MAT 7862

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

79-Au-176



79-Au-176

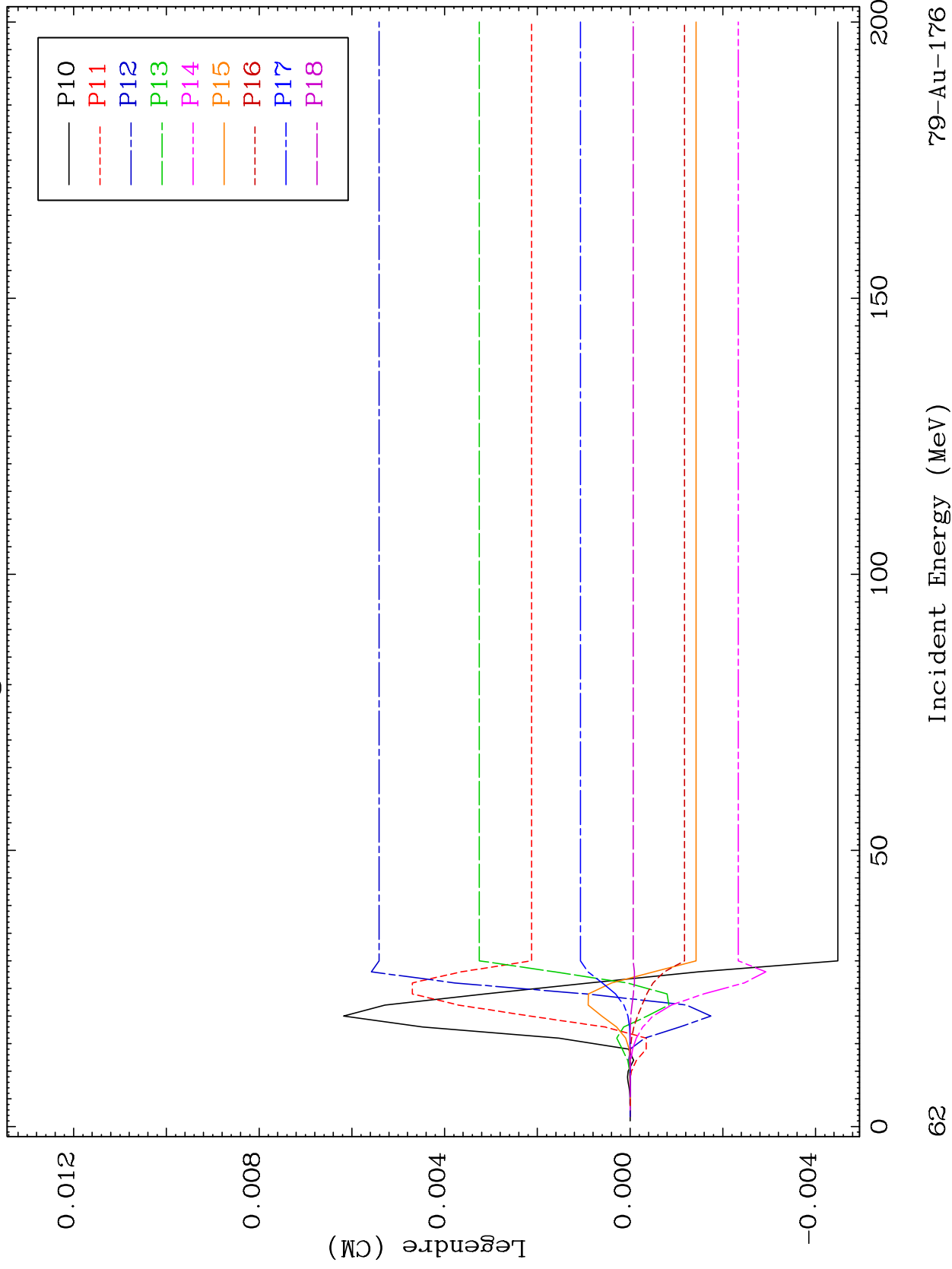
Incident Energy (MeV)

61

MAT 7862

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

79-Au-176



79-Au-176

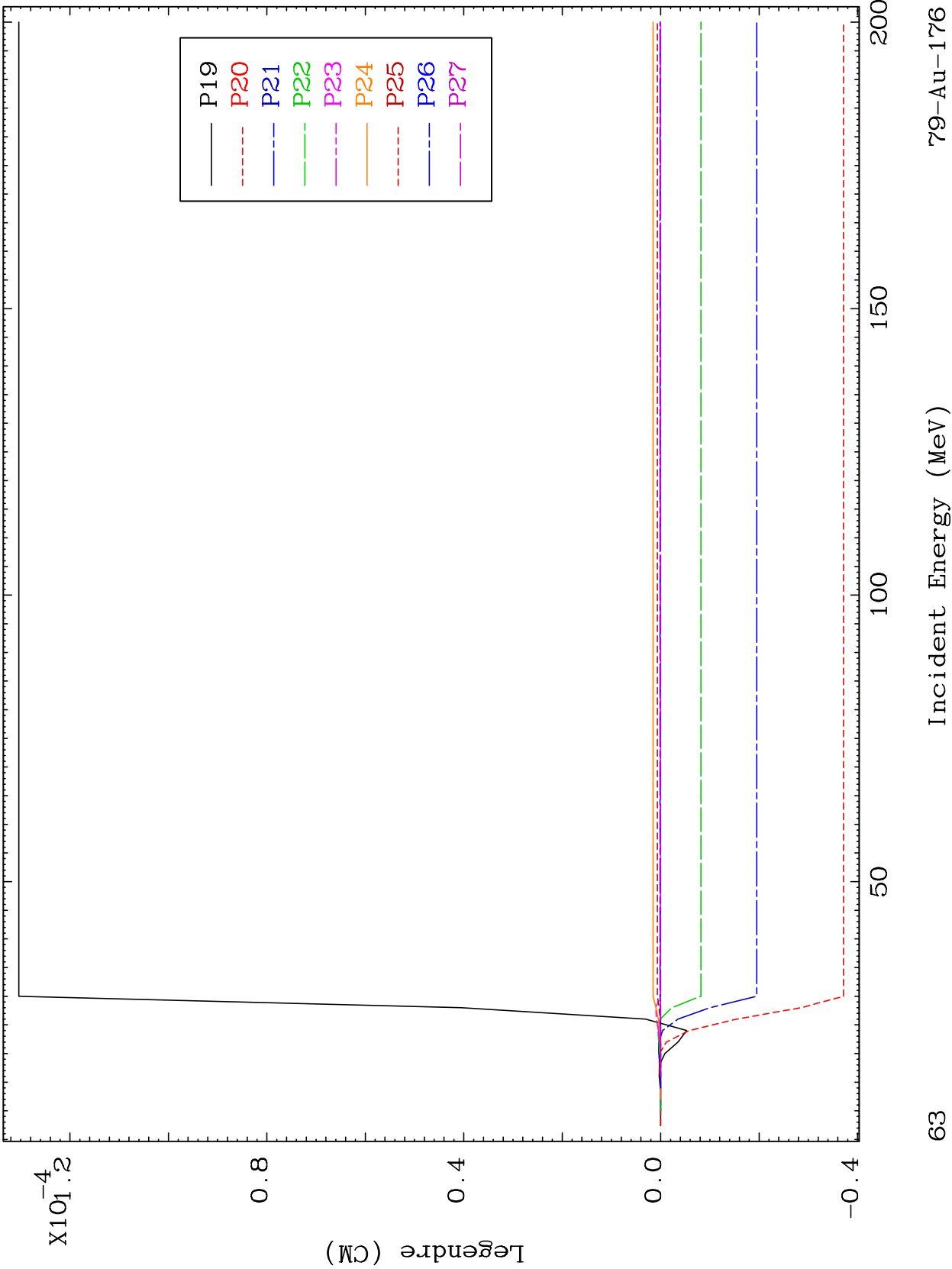
Incident Energy (MeV)

62

MAT 7862

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

79-Au-176



63

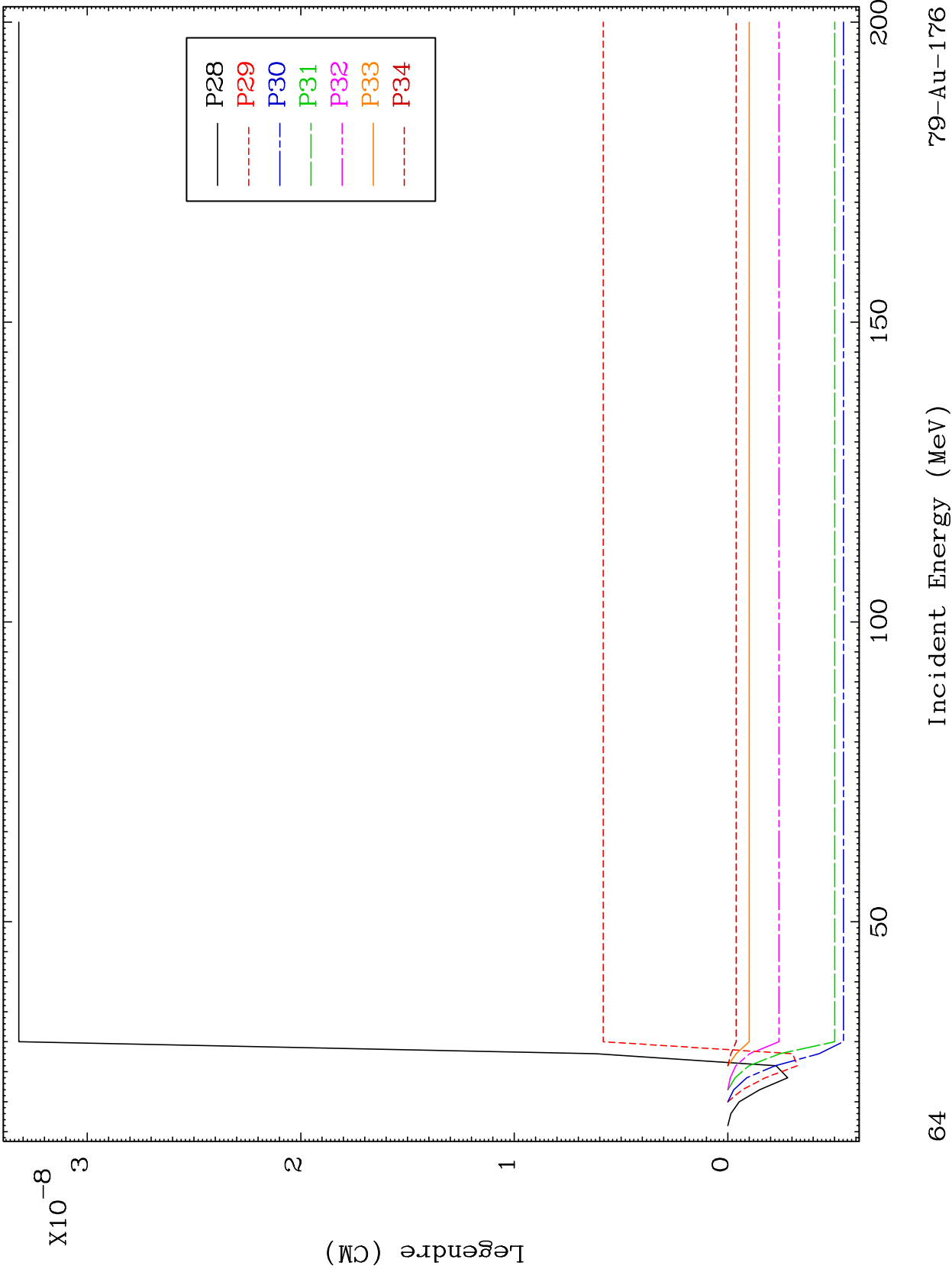
Incident Energy (MeV)

79-Au-176

MAT 7862

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

79-Au-176



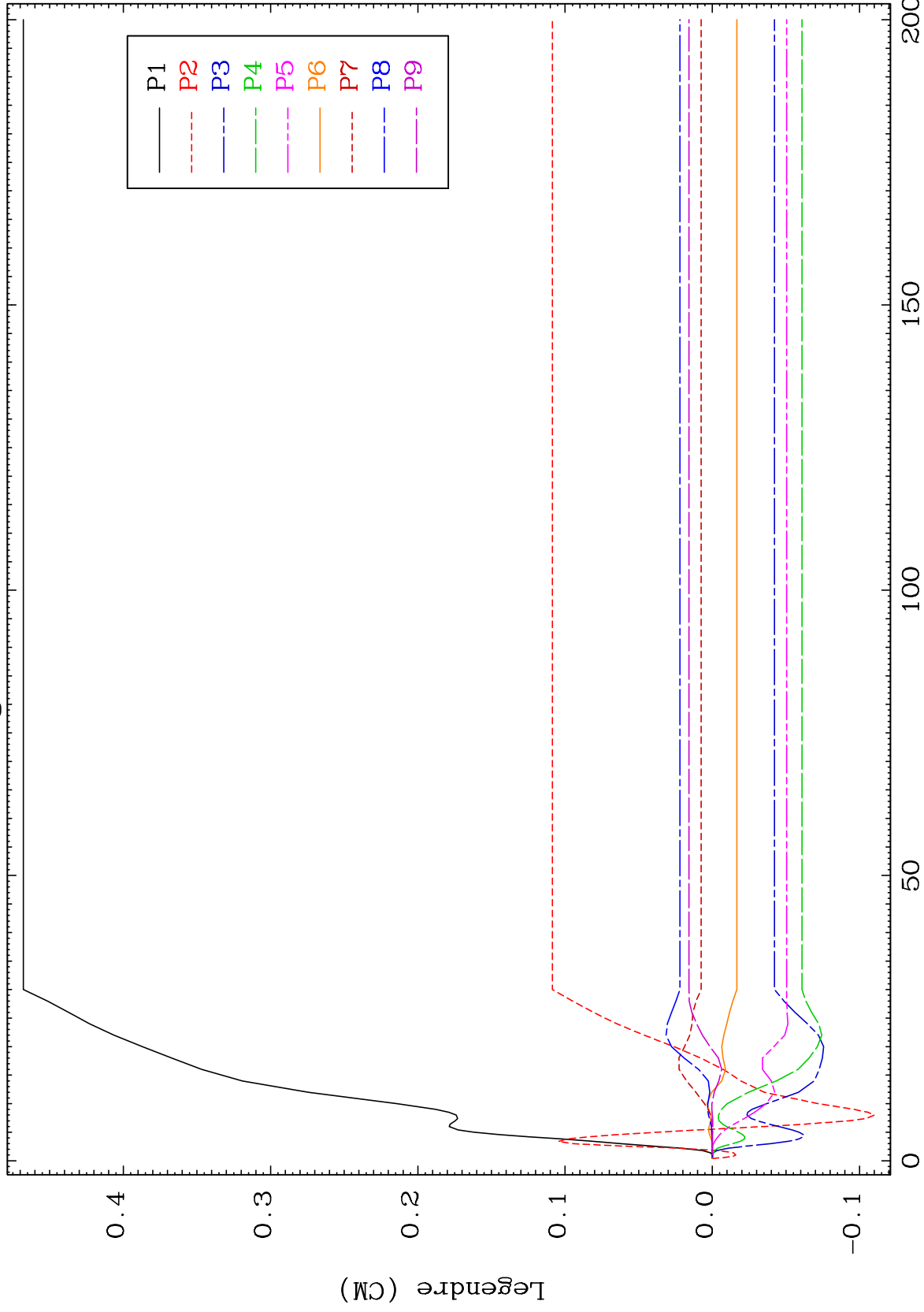
64

79-Au-176

MAT 7862

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

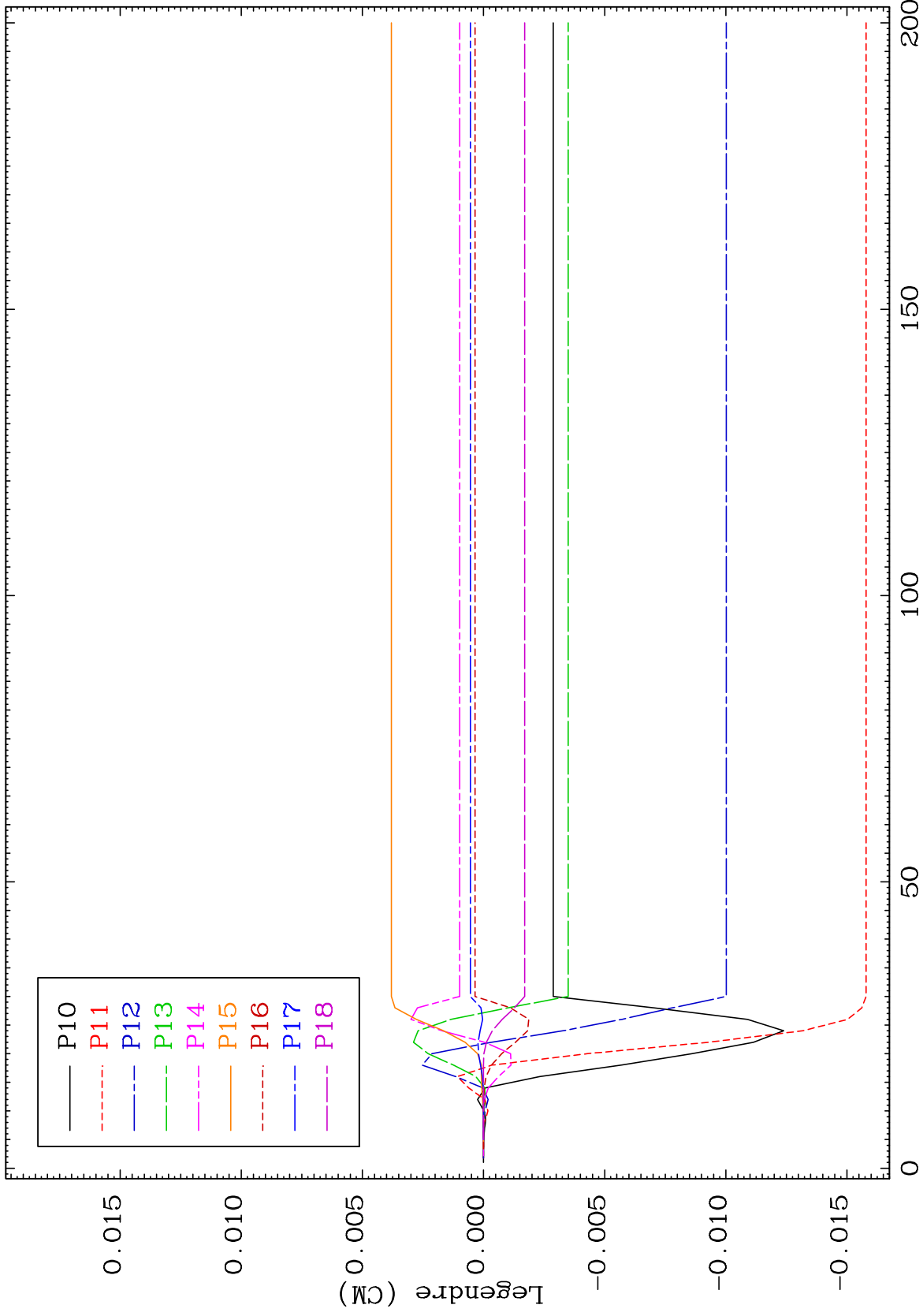
79-Au-176



79-Au-176

Incident Energy (MeV)

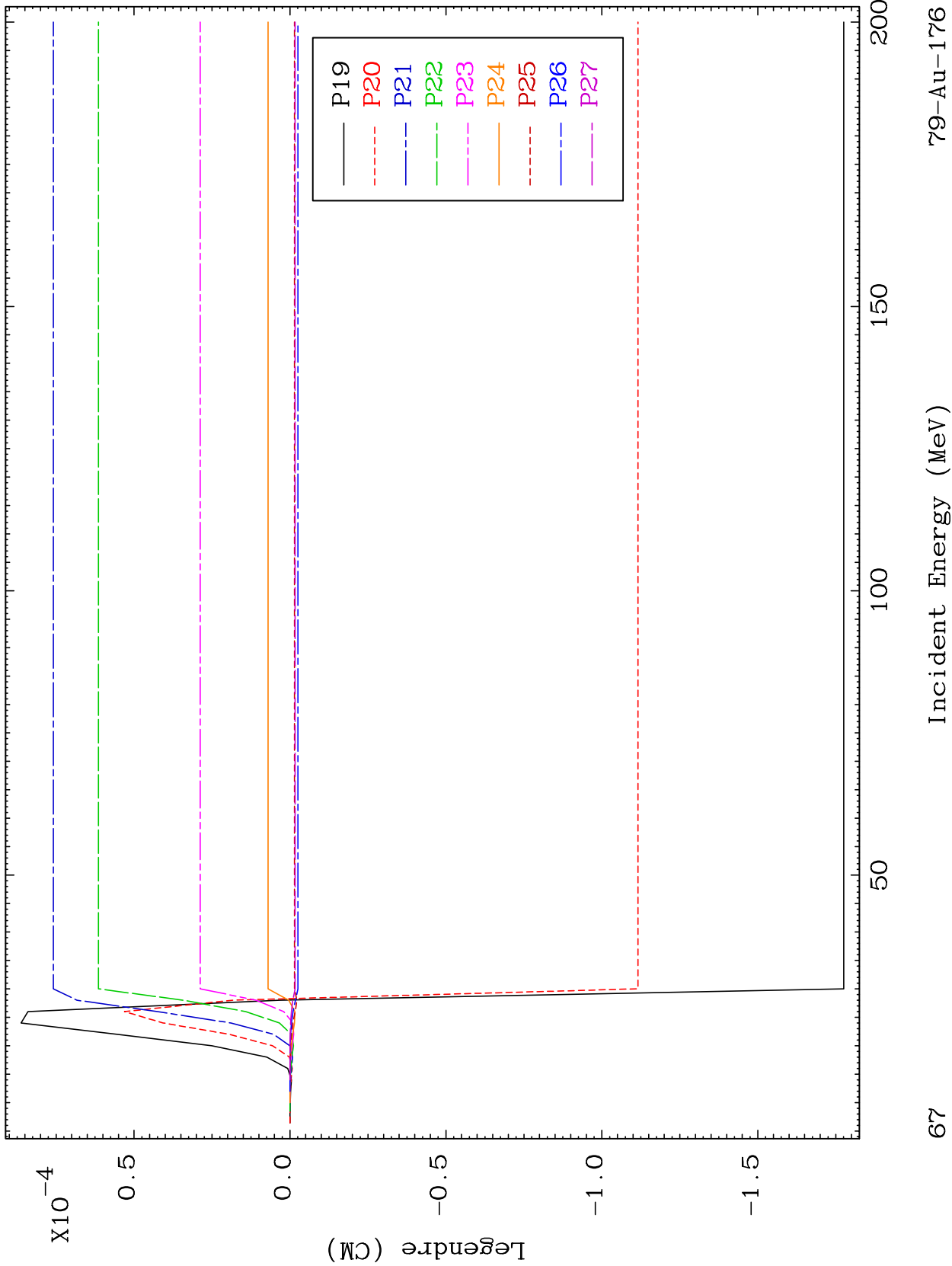
65



MAT 7862

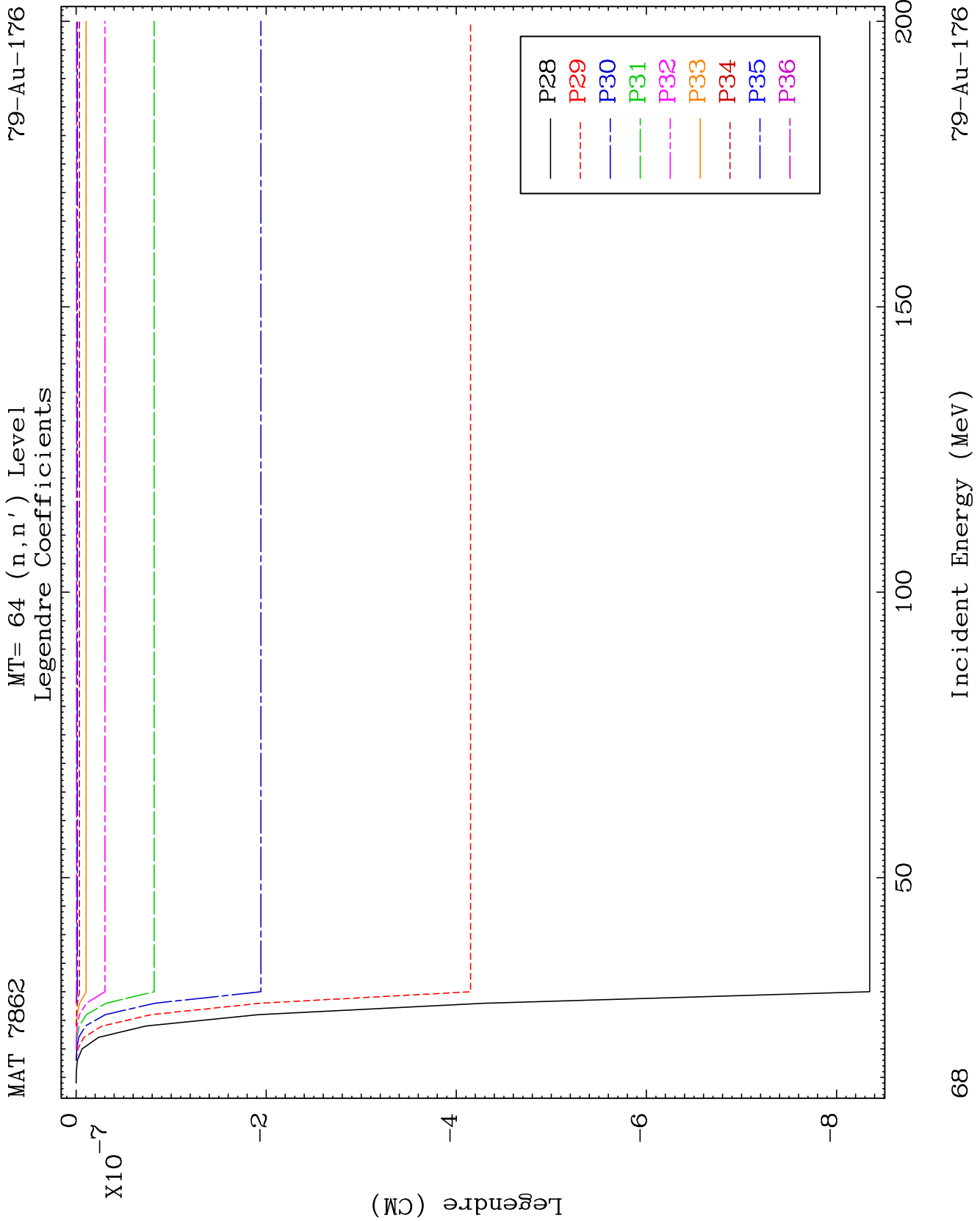
MT= 64 (n,n') Level
Legendre Coefficients

79-Au-176



67

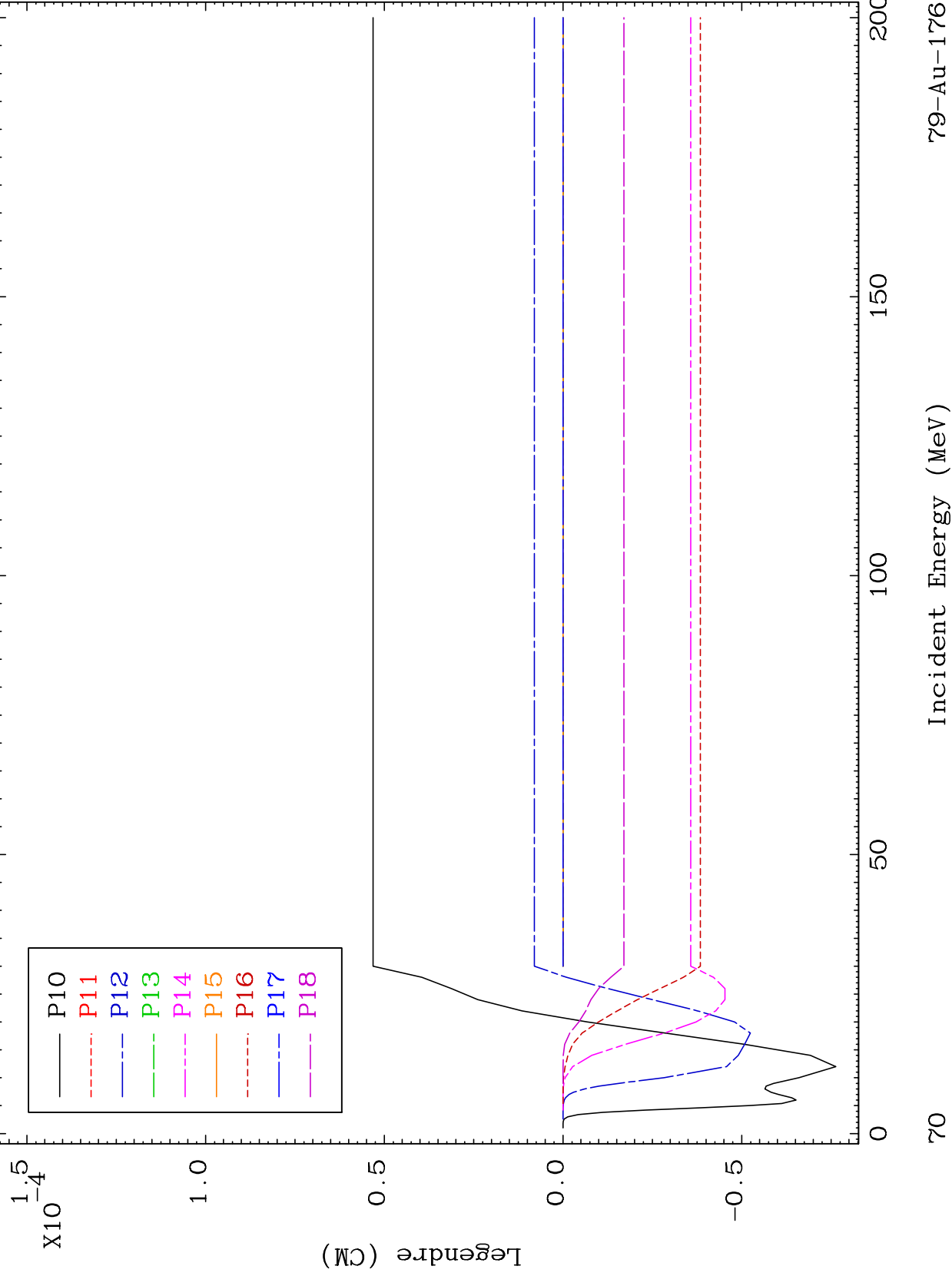
79-Au-176



MAT 7862

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

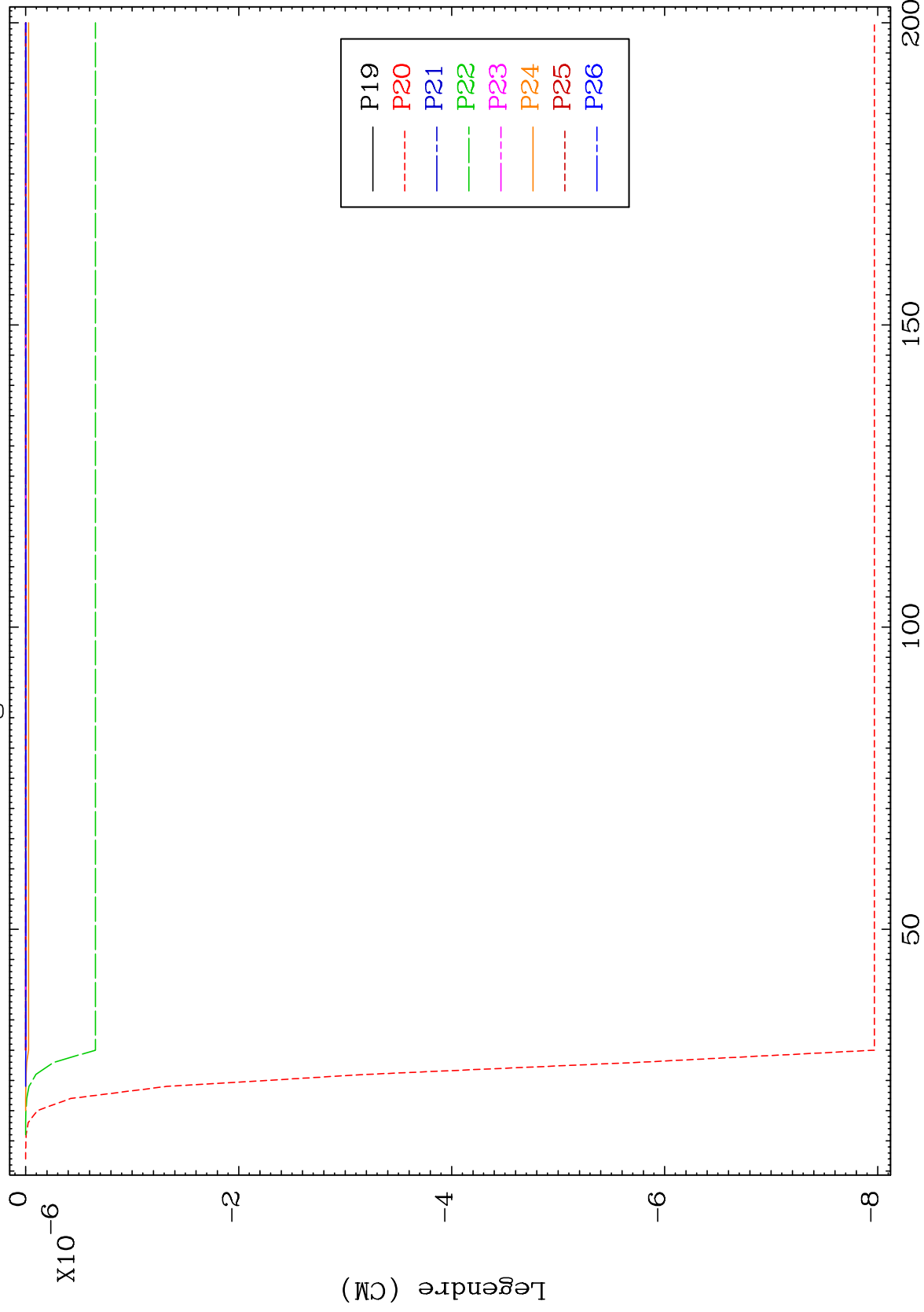
79-Au-176



MAT 7862

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

79-Au-176



71

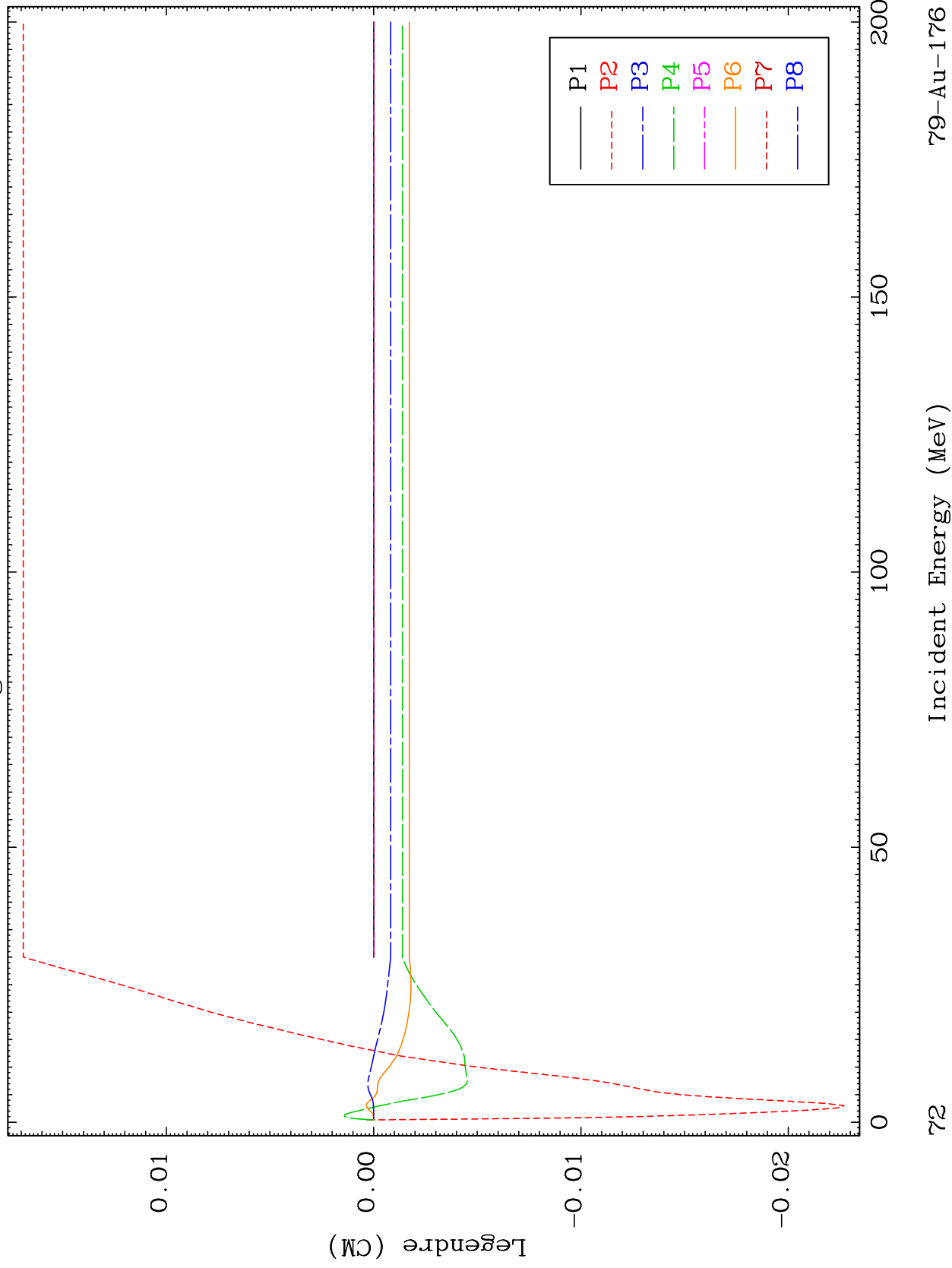
Incident Energy (MeV)

79-Au-176

MAT 7862

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

79-Au-176



72

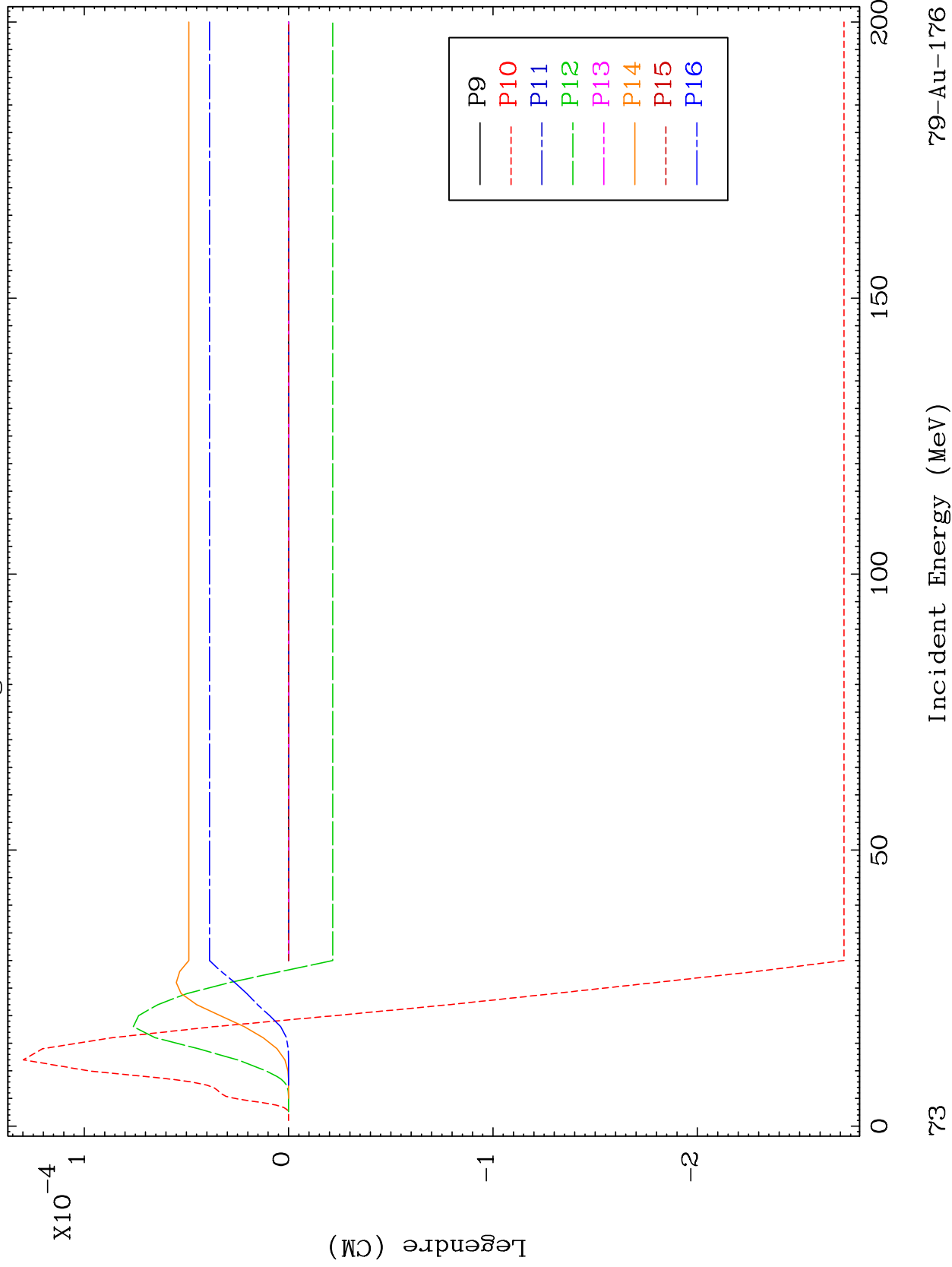
Incident Energy (MeV)

79-Au-176

MAT 7862

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

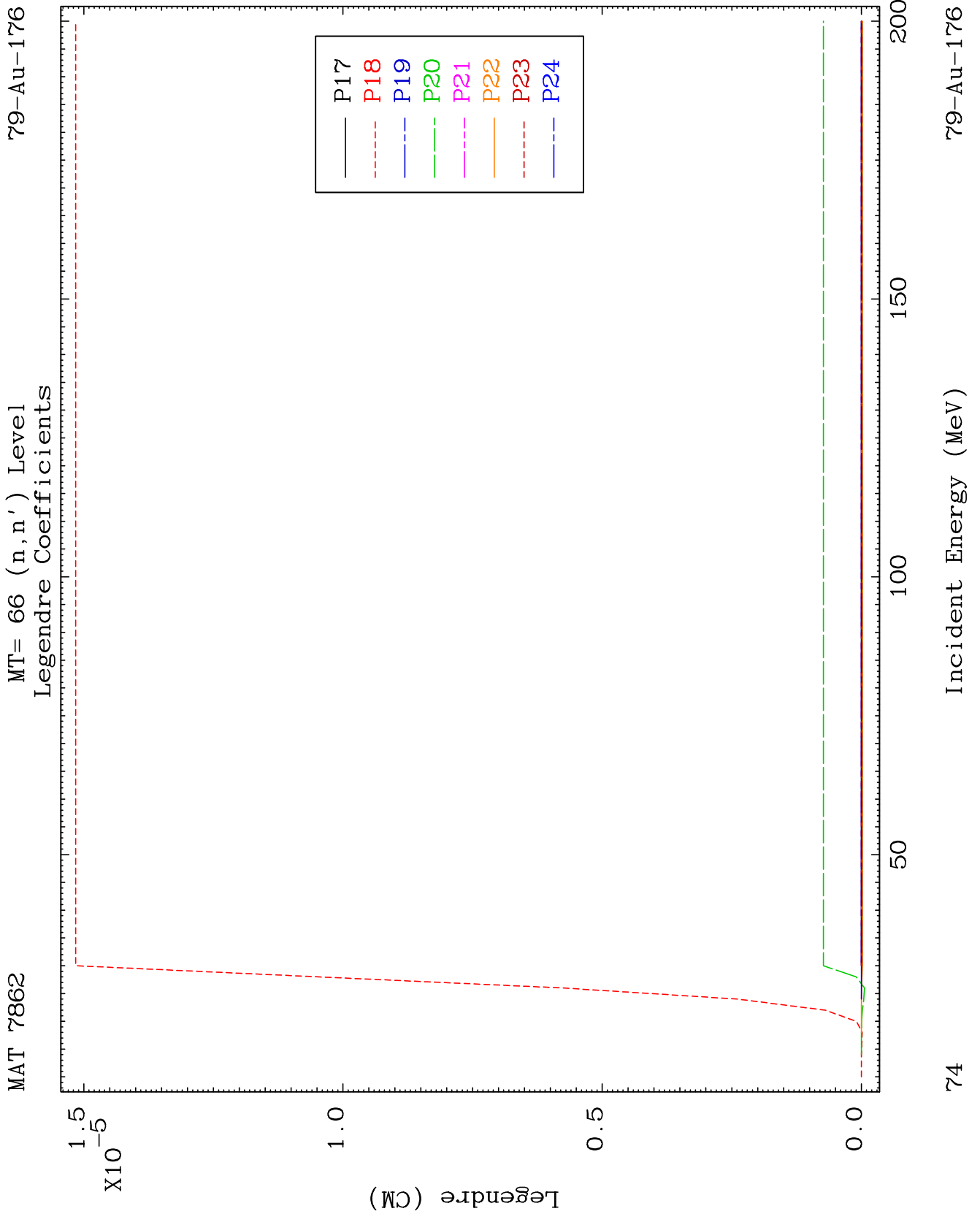
79-Au-176



79-Au-176

Incident Energy (MeV)

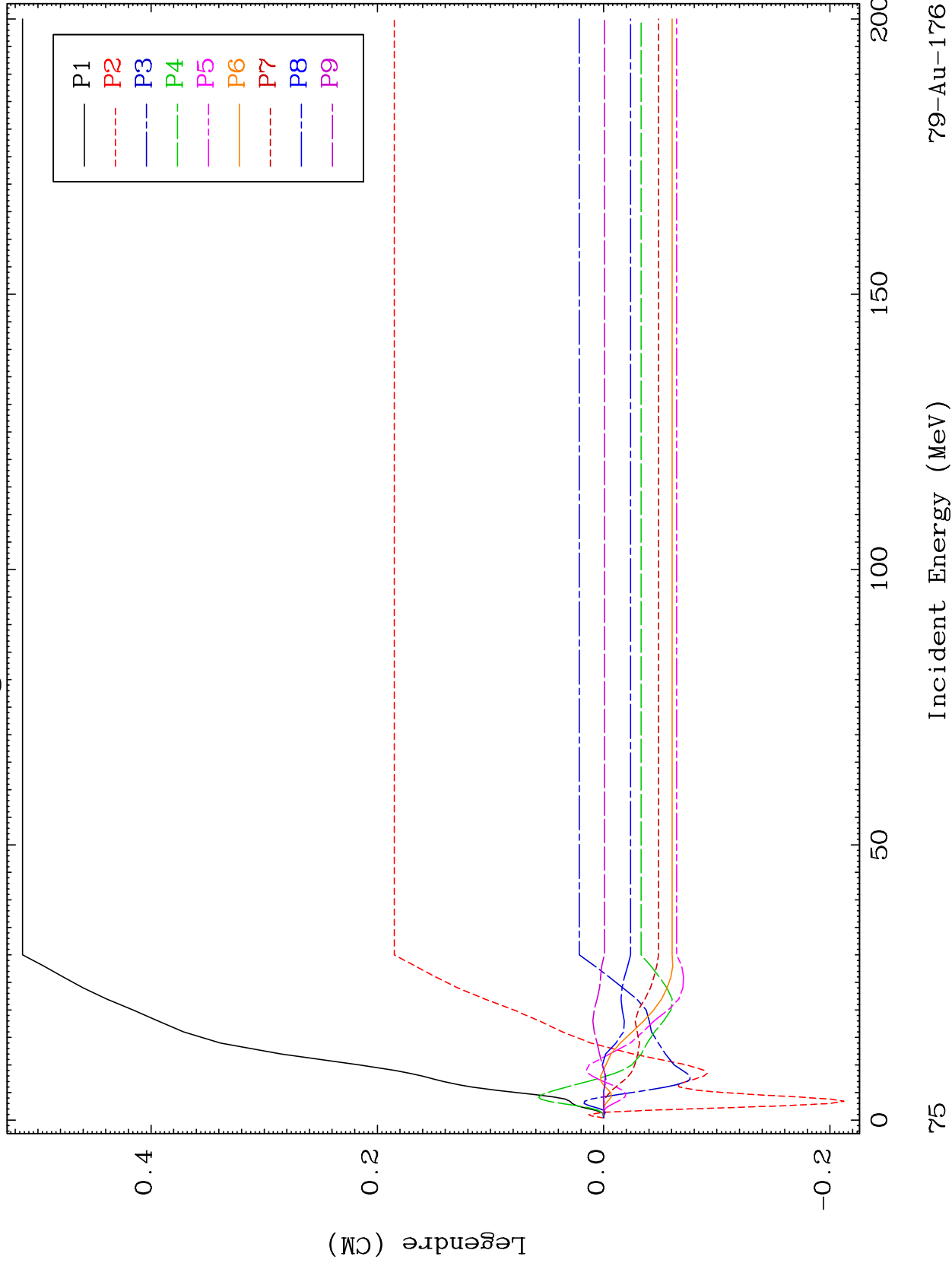
73



MAT 7862

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

79-Au-176



79-Au-176

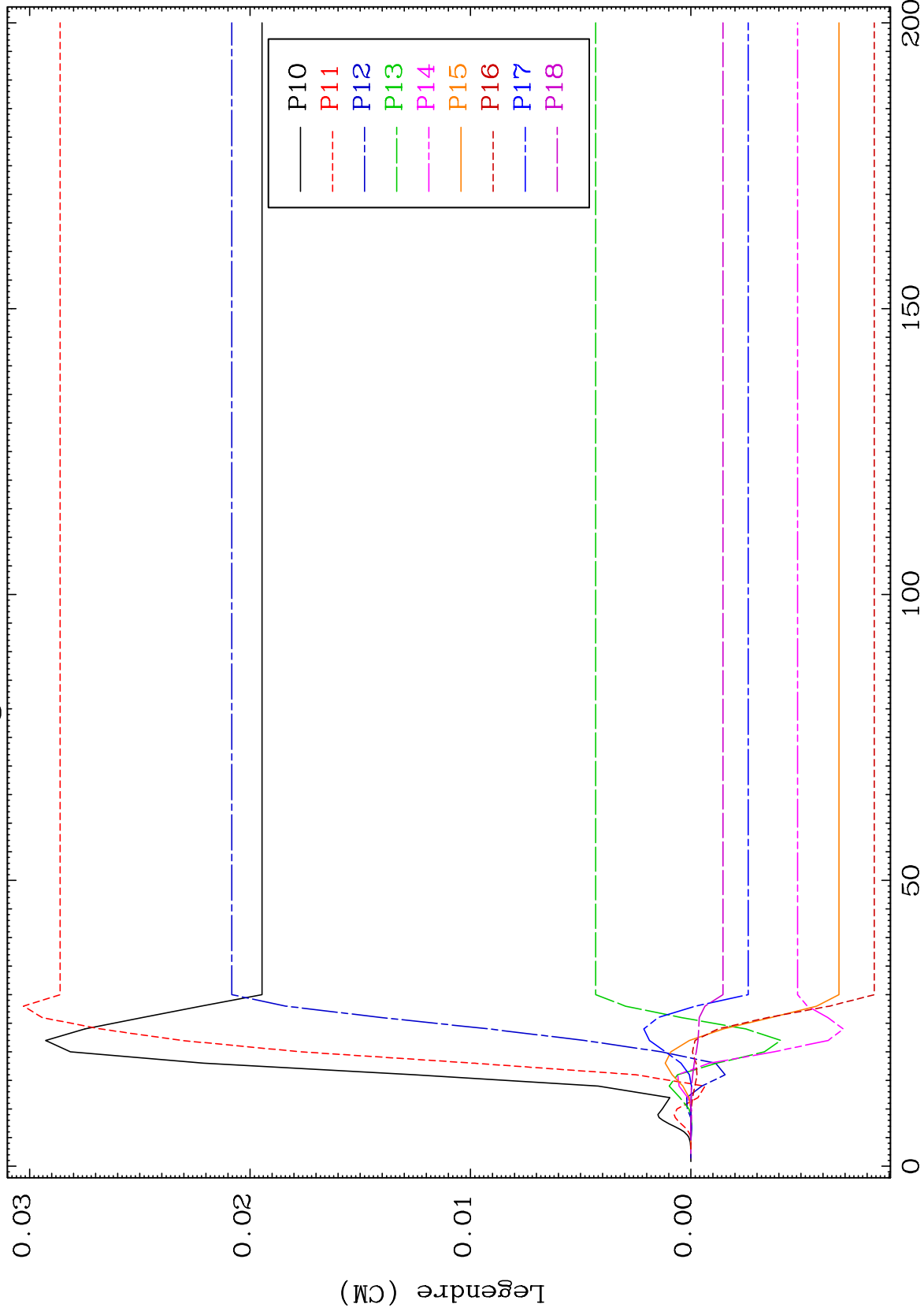
Incident Energy (MeV)

75

MAT 7862

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

79-Au-176



76

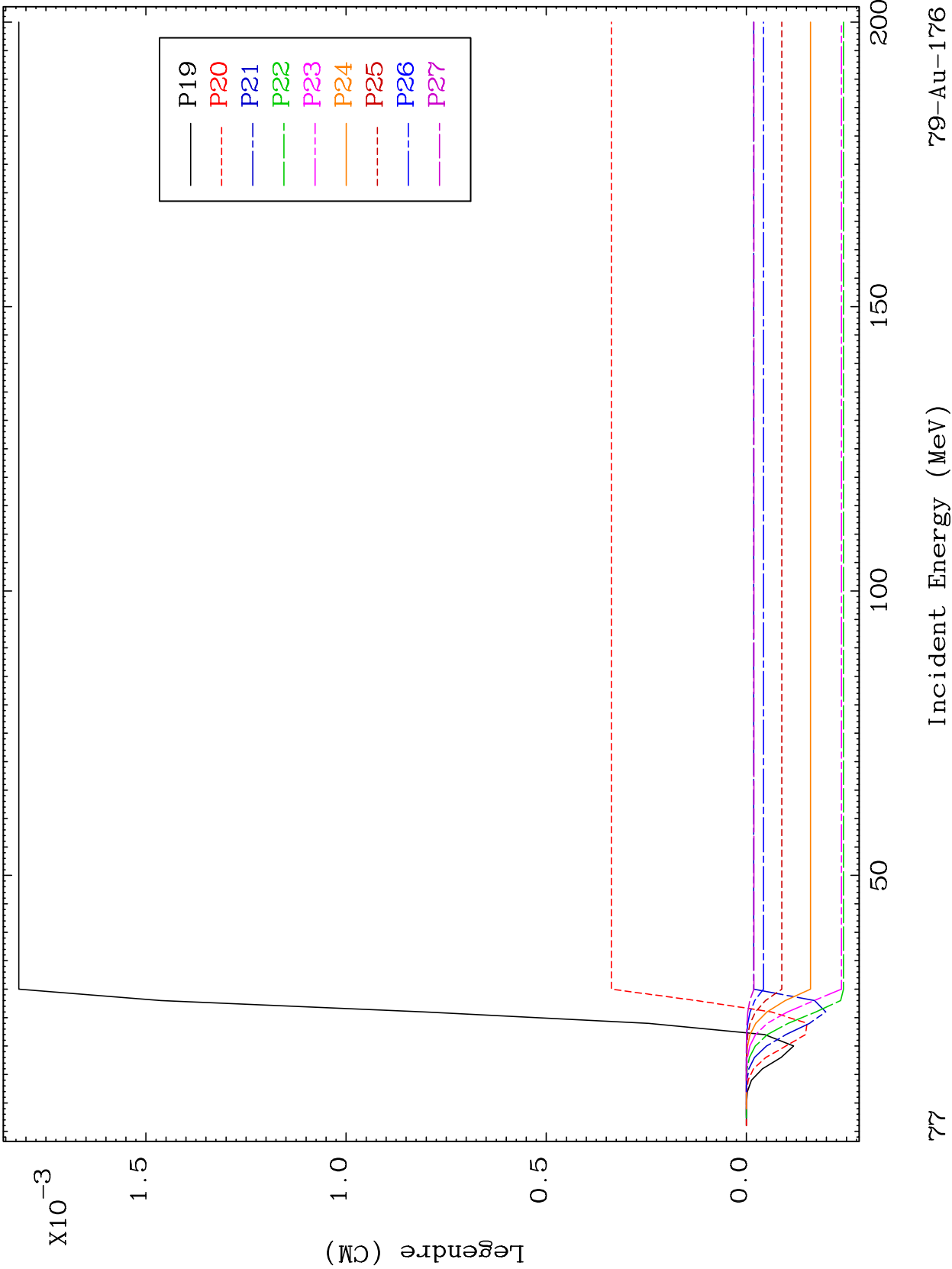
Incident Energy (MeV)

79-Au-176

MAT 7862

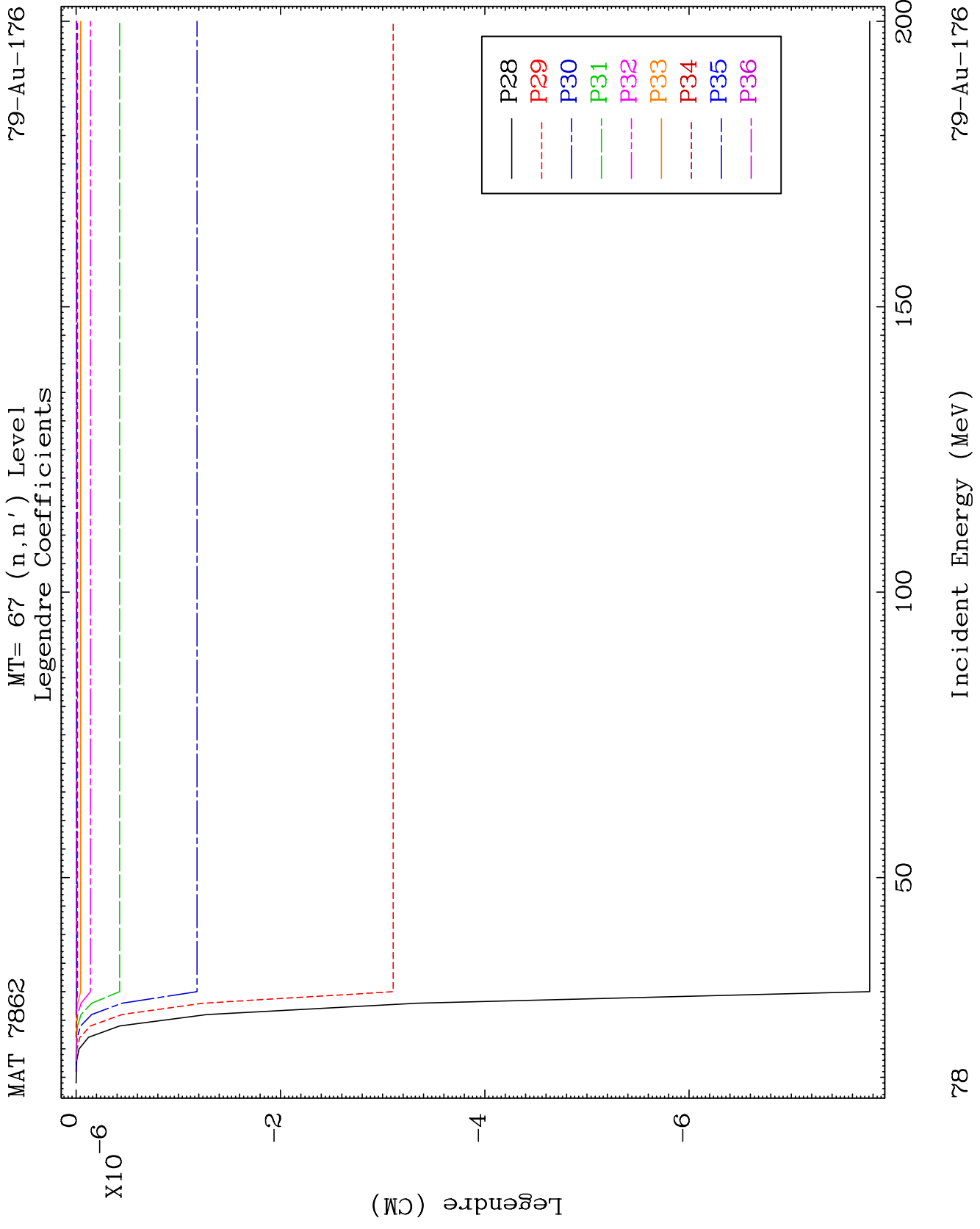
MT= 67 (n,n') Level
Legendre Coefficients

79-Au-176



77

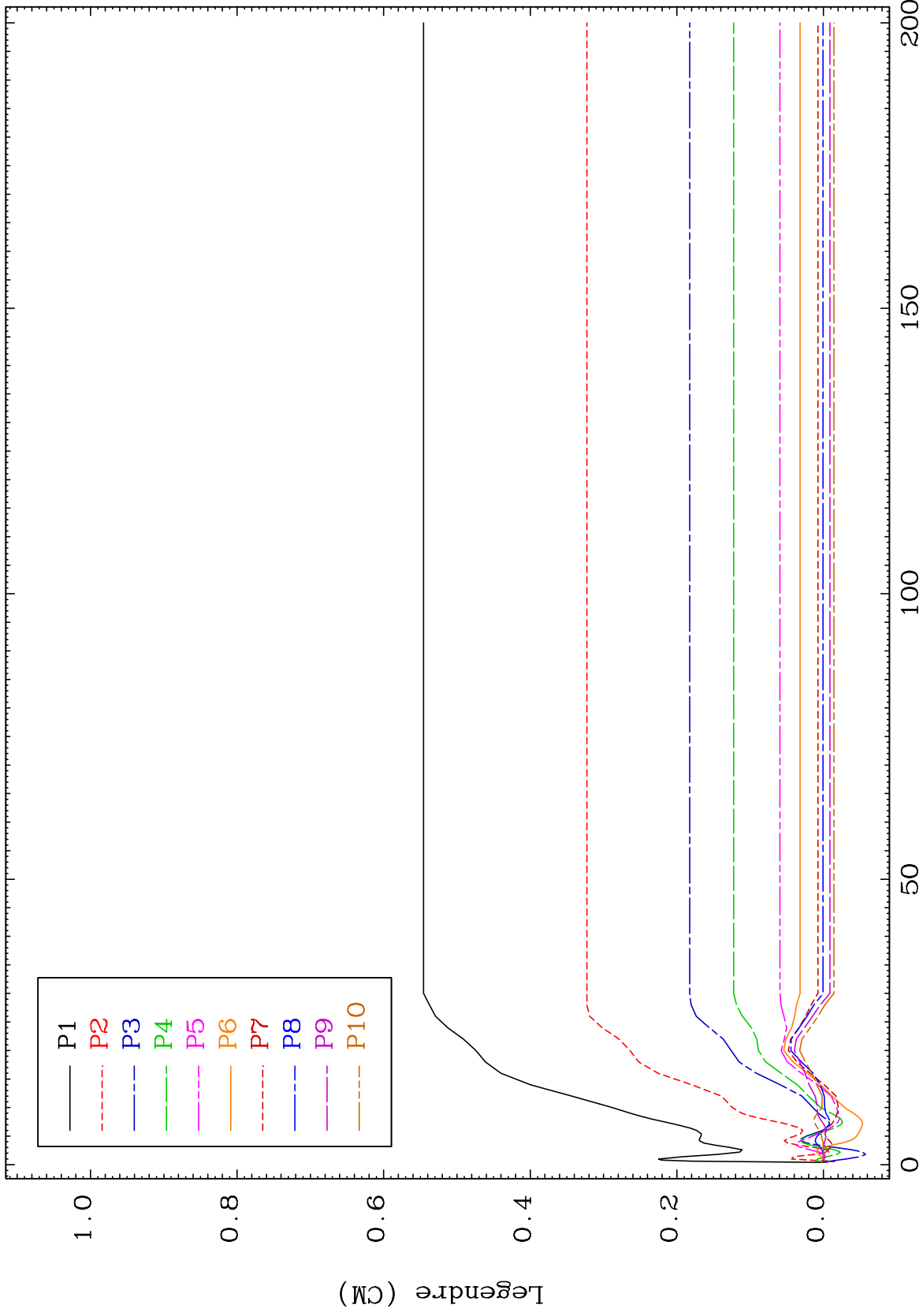
79-Au-176



MAT 7862

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

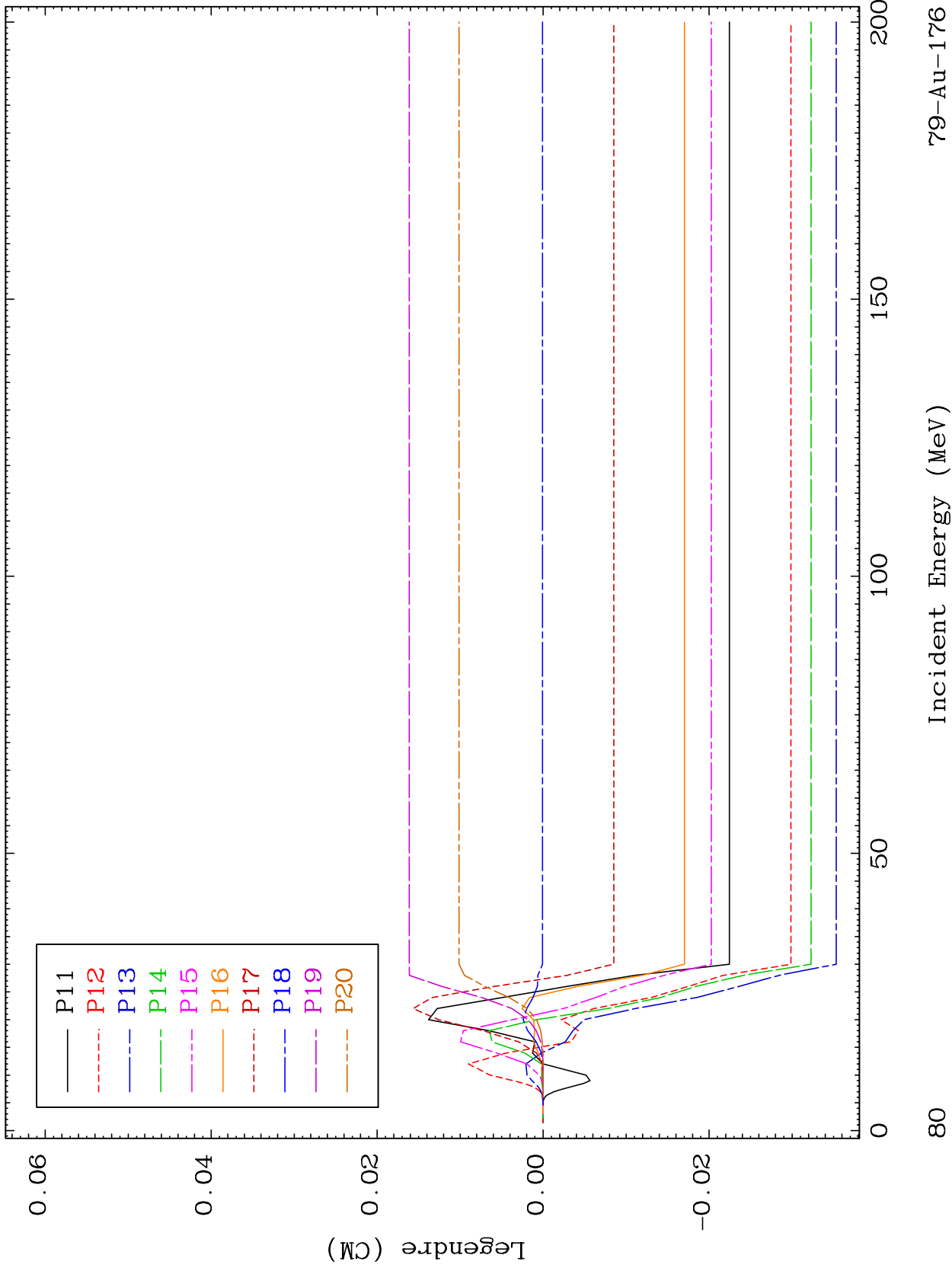
79-Au-176



MAT 7862

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

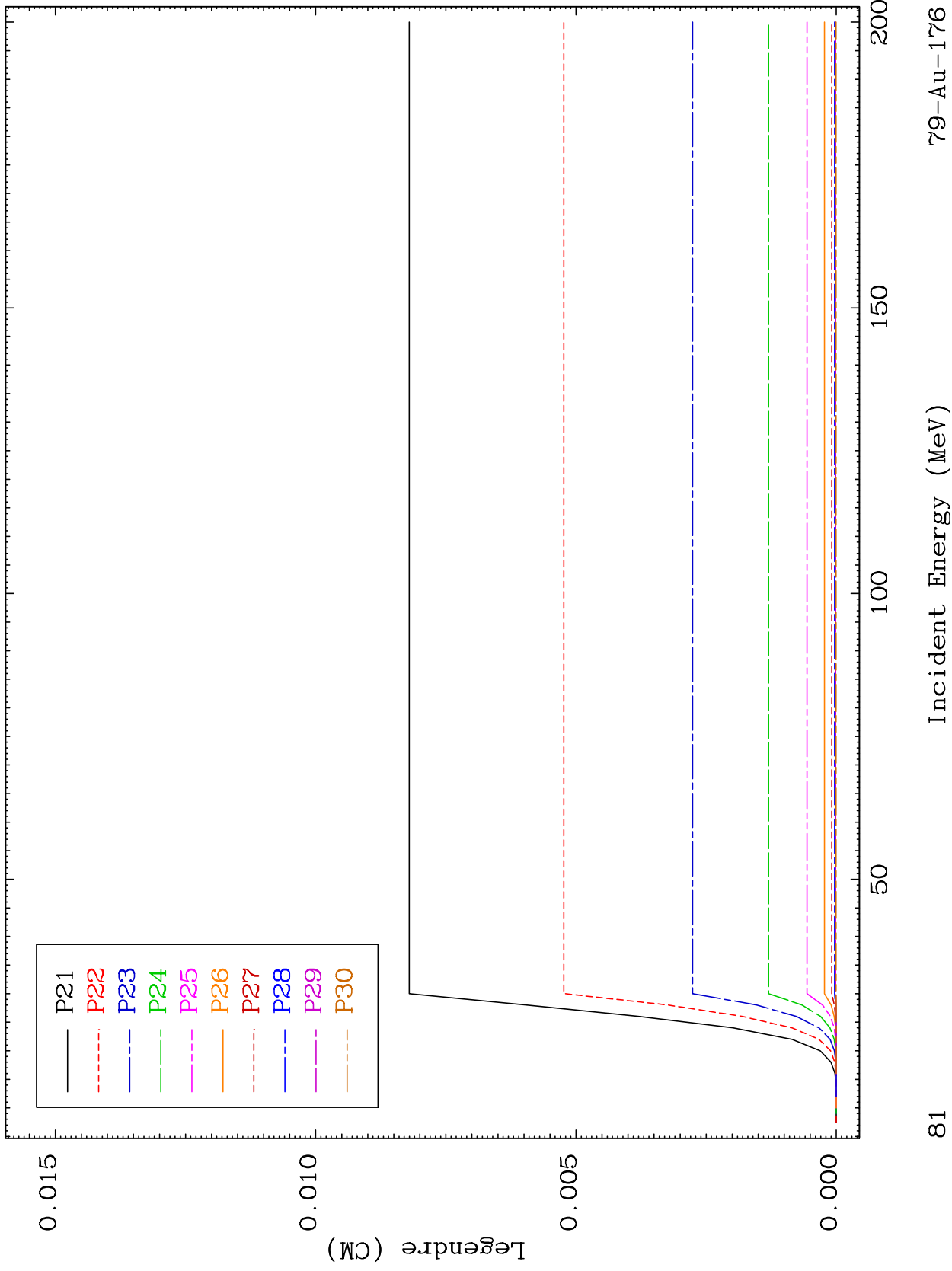
79-Au-176



79-Au-176

Incident Energy (MeV)

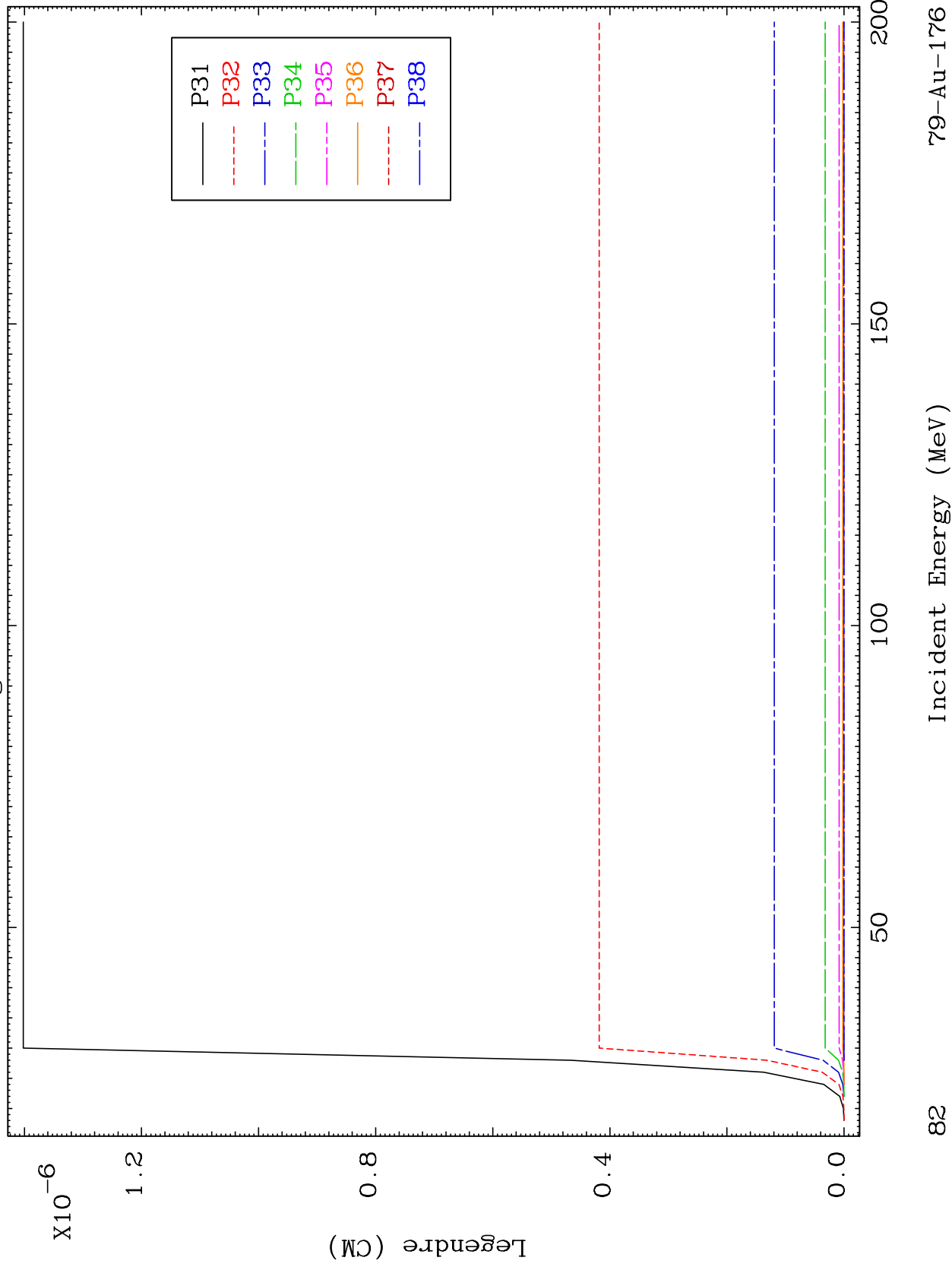
80



MAT 7862

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

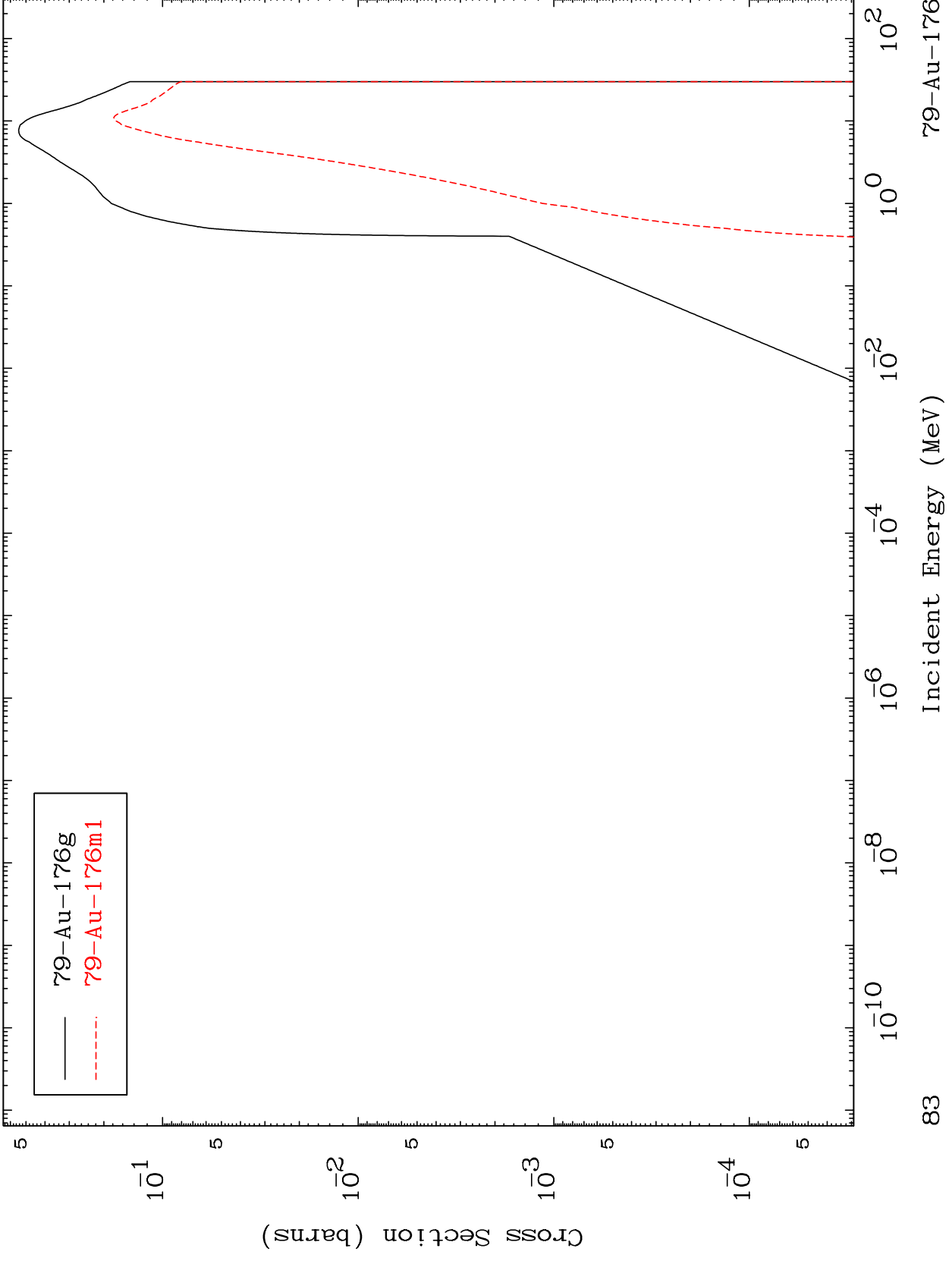
79-Au-176



MAT 7862

Inelastic
Radionuclide Production Cross Section

⁷⁹Au-176

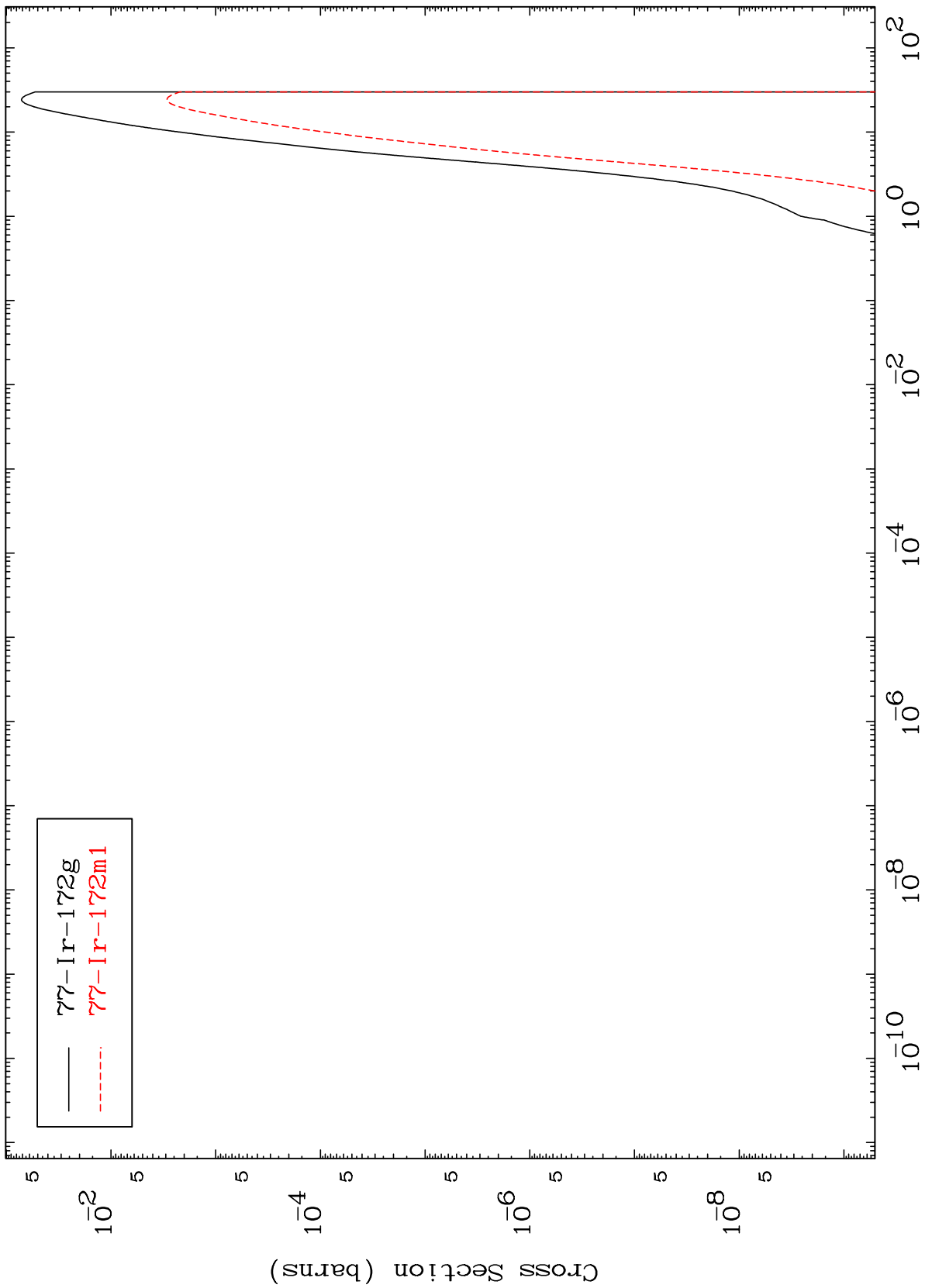


MAT 7862

$(n, n') \alpha$

$^{79}\text{Au-176}$

Radionuclide Production Cross Section

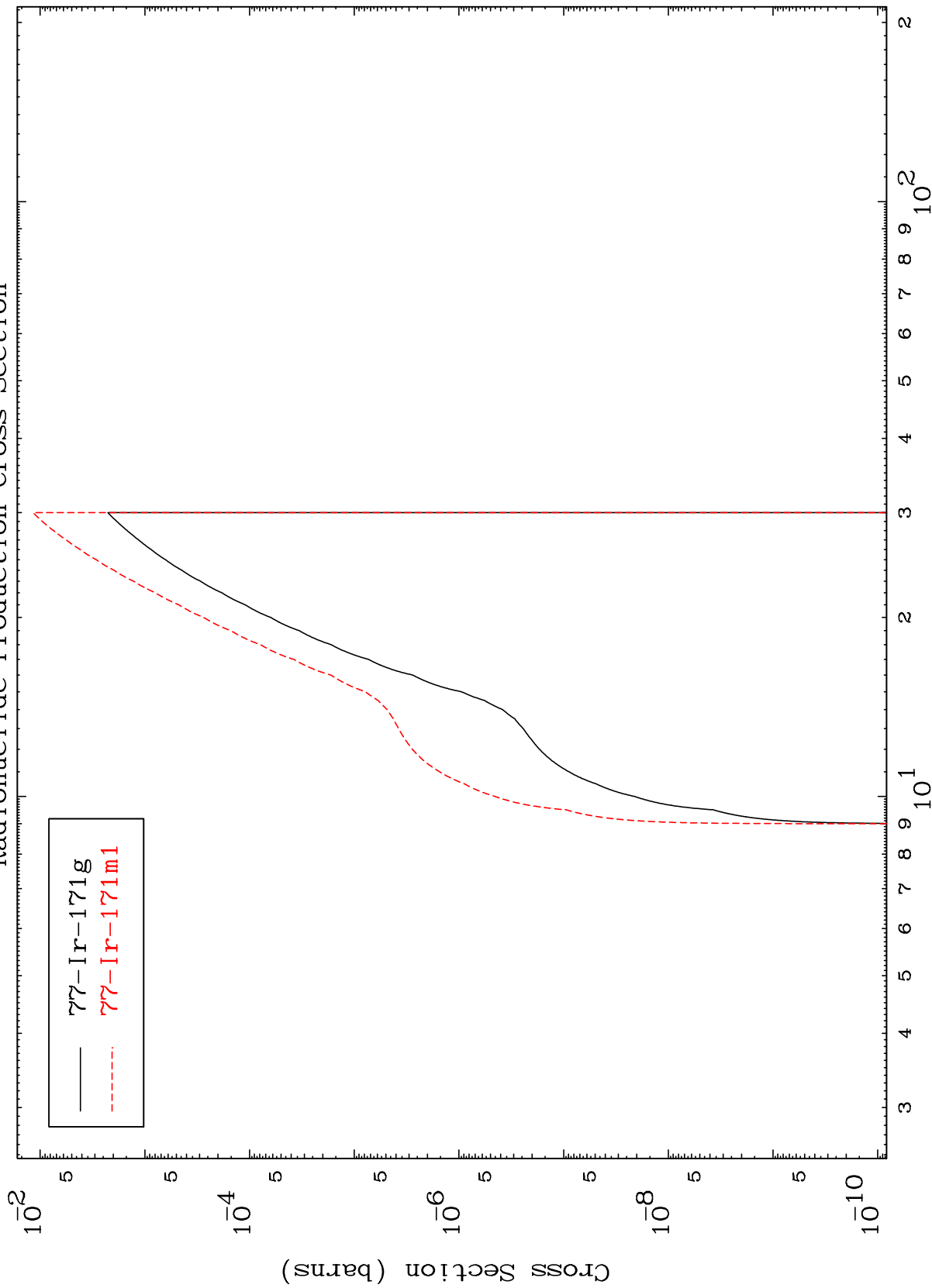


MAT 7862

$(n,2n) \alpha$

$^{79}\text{Au-176}$

Radionuclide Production Cross Section



85

Incident Energy (MeV)

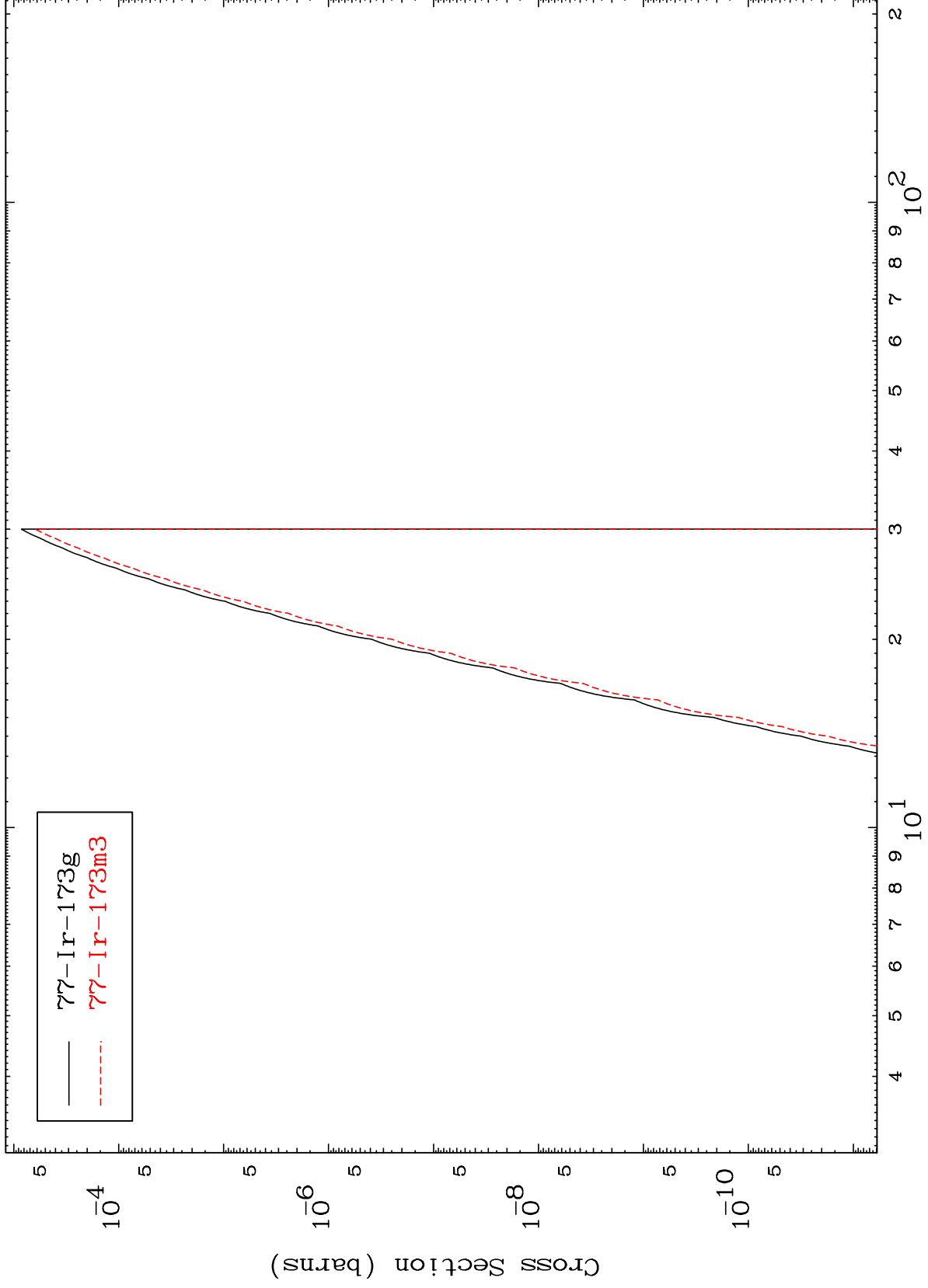
$^{79}\text{Au-176}$

MAT 7862

(n,n') He-3

79-Au-176

Radionuclide Production Cross Section



86

Incident Energy (MeV)

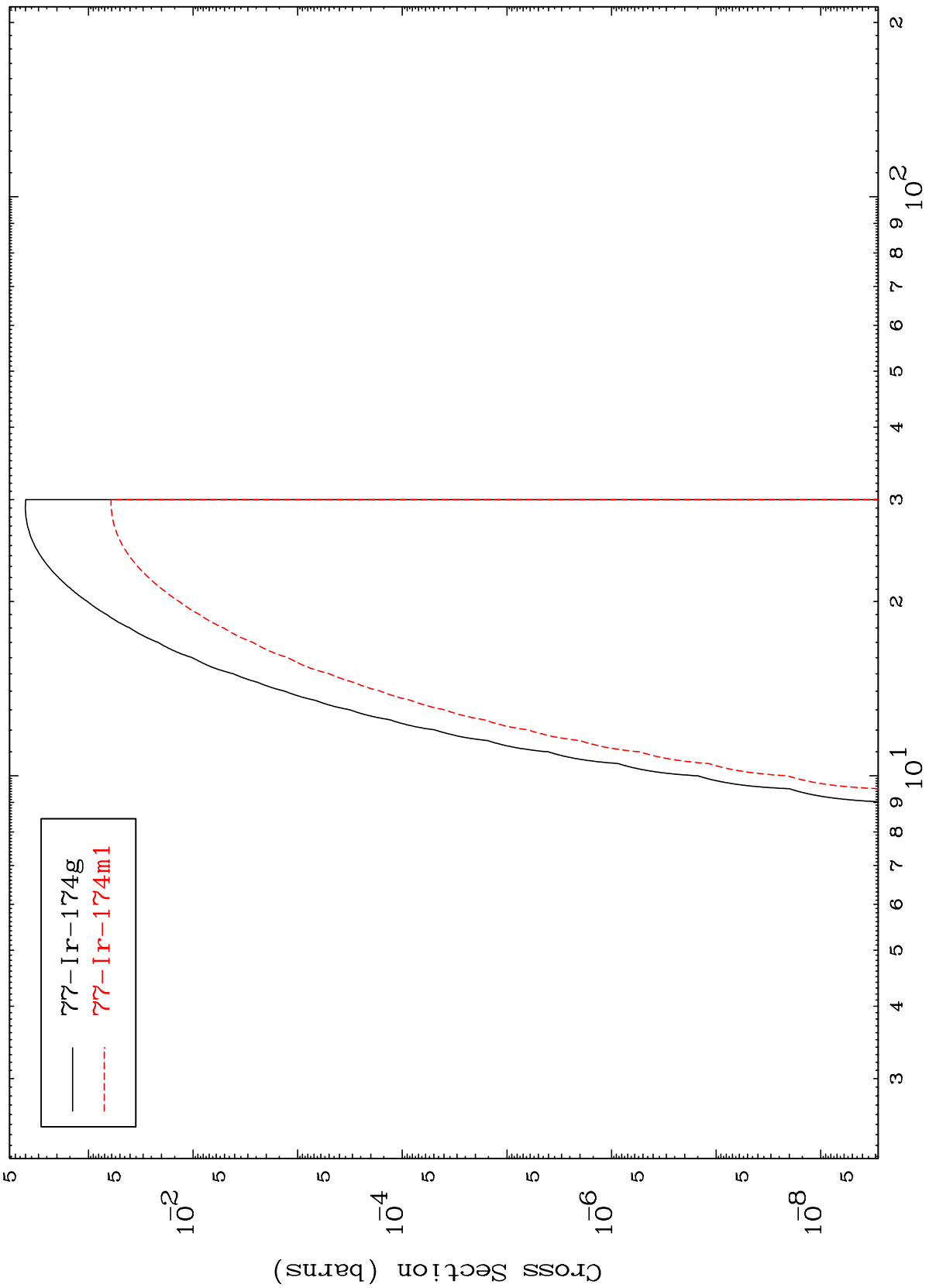
79-Au-176

MAT 7862

(n,2n) p

79-Au-176

Radionuclide Production Cross Section



87

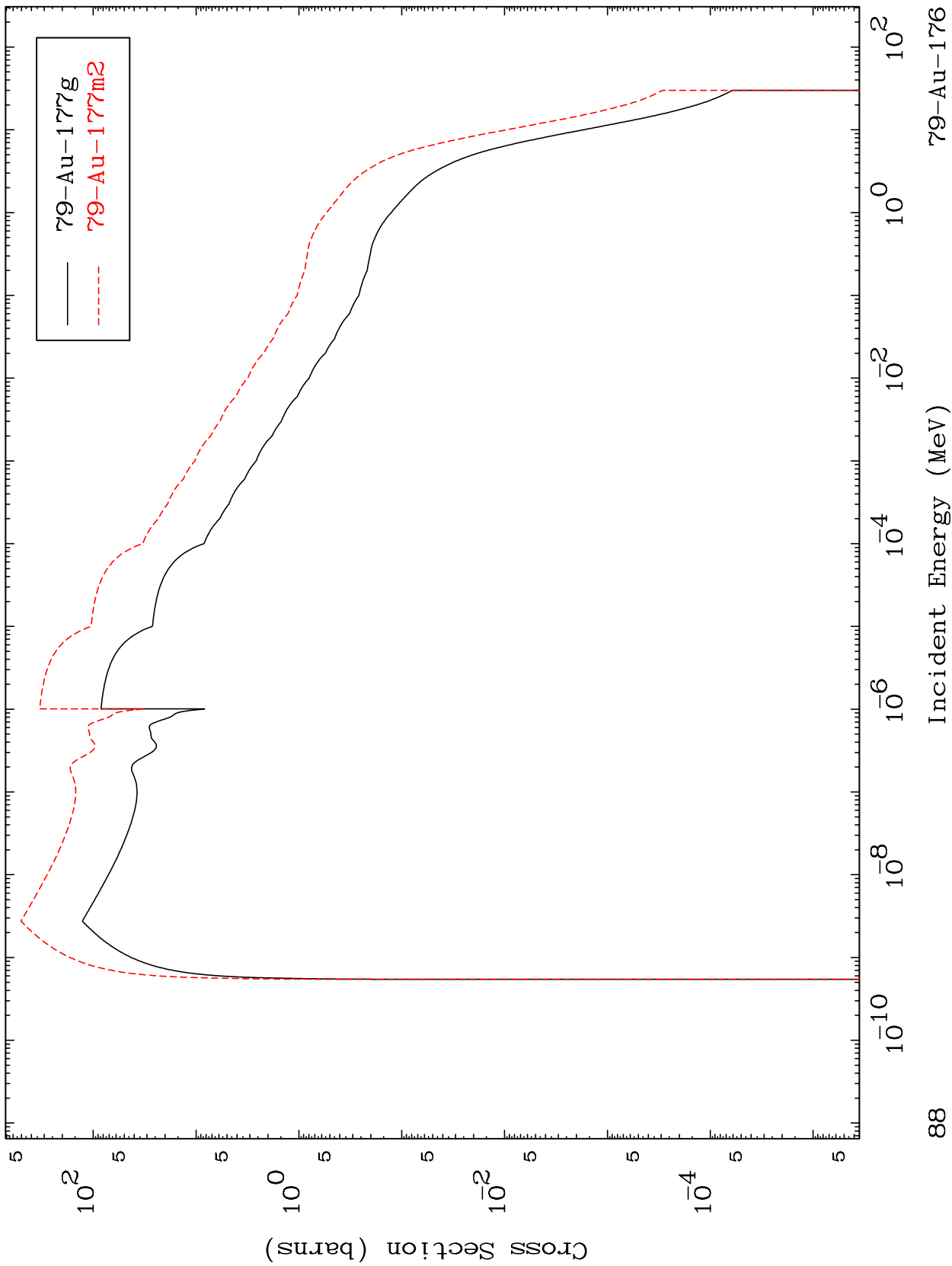
Incident Energy (MeV)

79-Au-176

MAT 7862

⁷⁹Au-176

(n,γ)
Radionuclide Production Cross Section



88

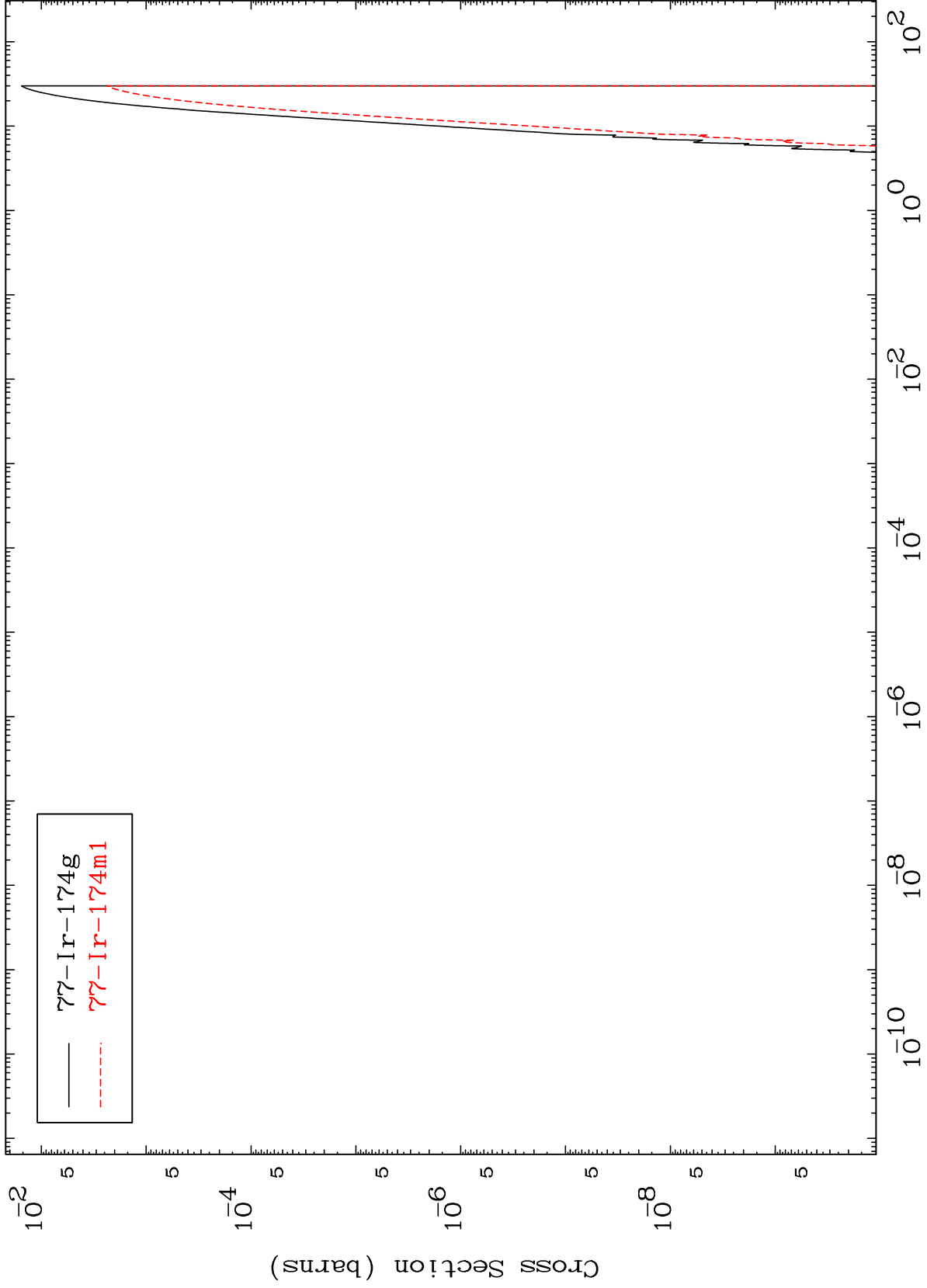
⁷⁹Au-176

MAT 7862

(n,He-3)

79-Au-176

Radionuclide Production Cross Section



89

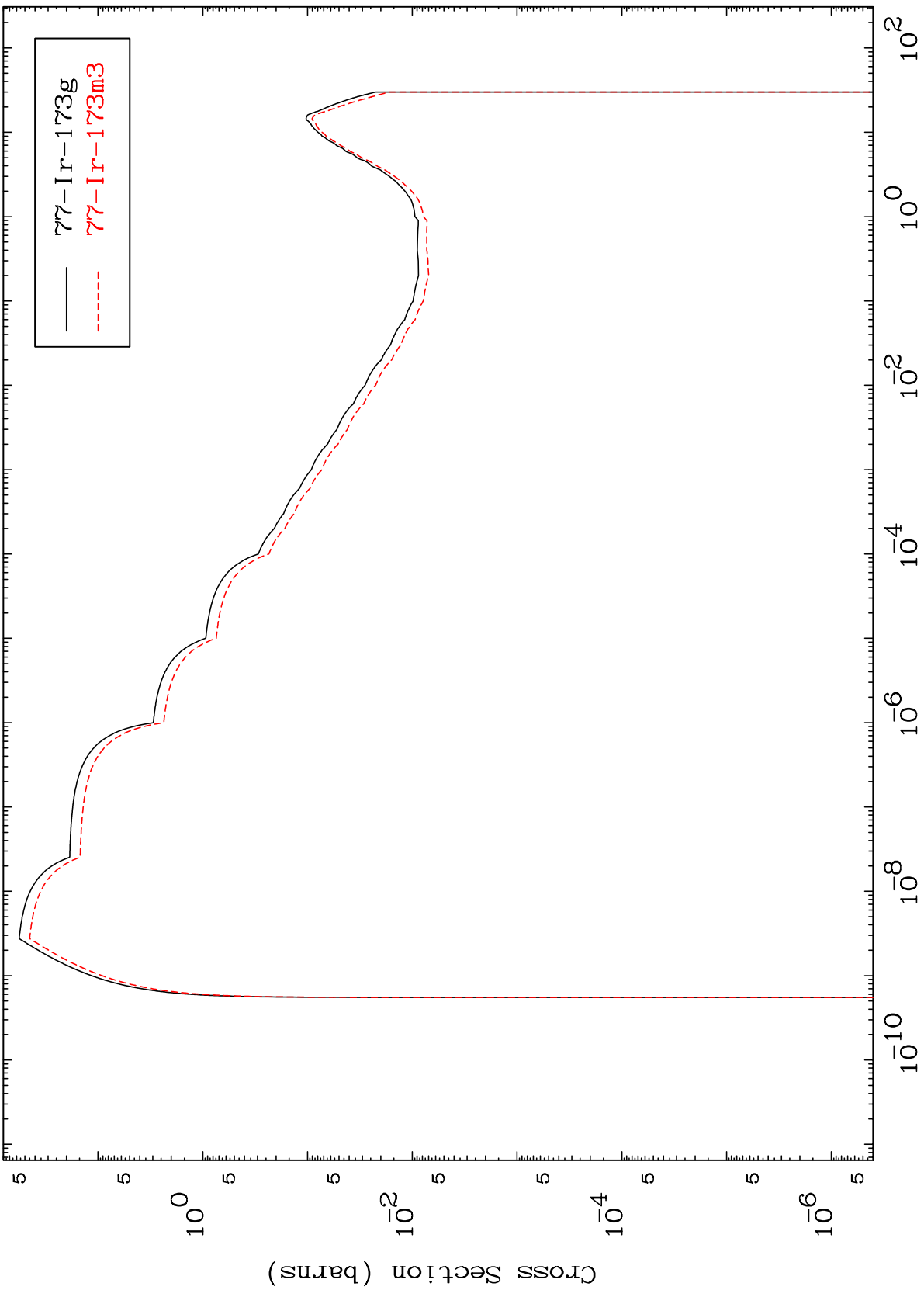
Incident Energy (MeV)

79-Au-176

MAT 7862

79-Au-176

(n, α)
Radionuclide Production Cross Section



90

79-Au-176

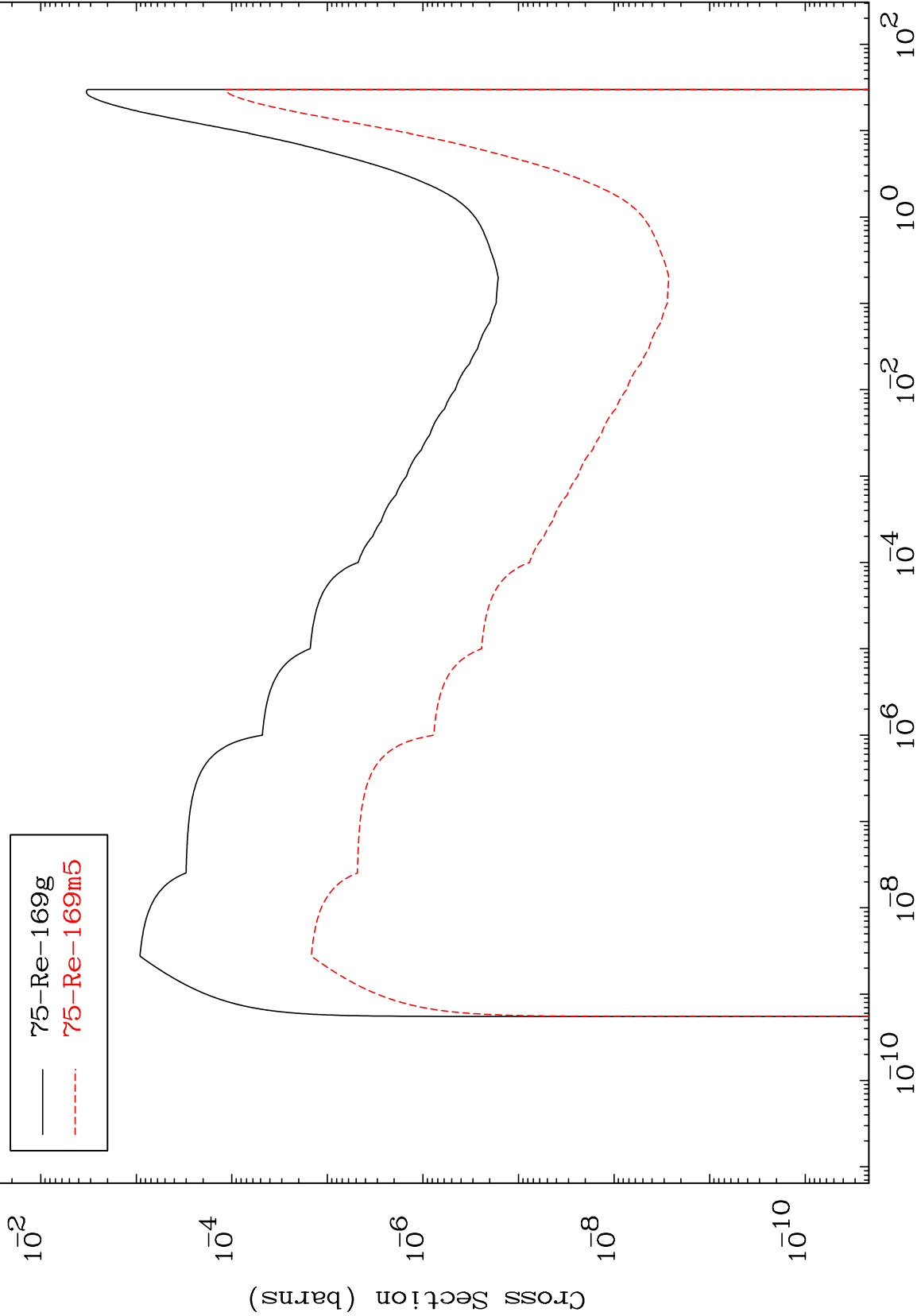
Incident Energy (MeV)

MAT 7862

(n,2α)

79-Au-176

Radionuclide Production Cross Section



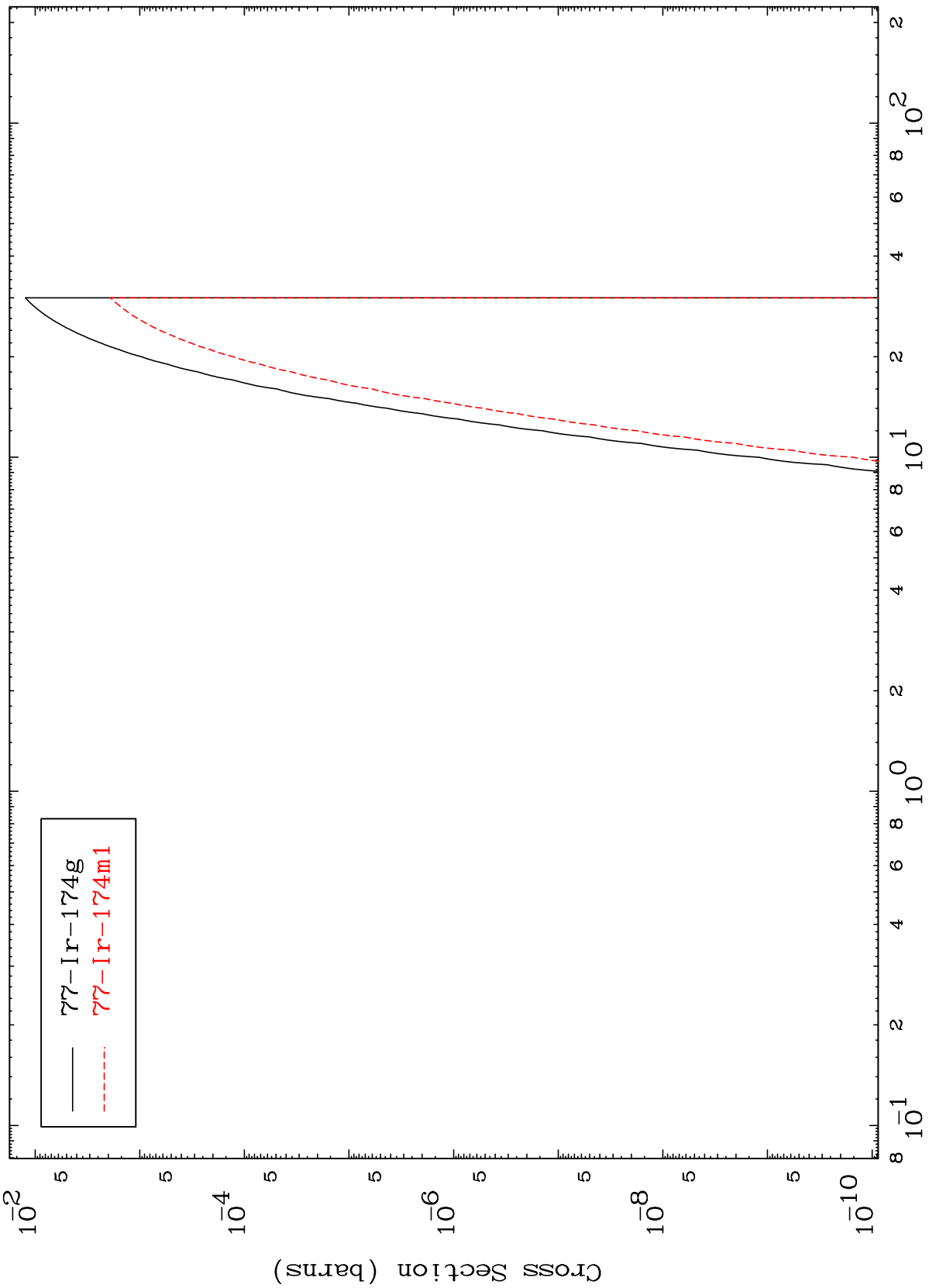
79-Au-176

MAT 7862

(n,p) d

⁷⁹Au-176

Radionuclide Production Cross Section



— ⁷⁷Ir-174g
- - - ⁷⁷Ir-174m1

92

Incident Energy (MeV)

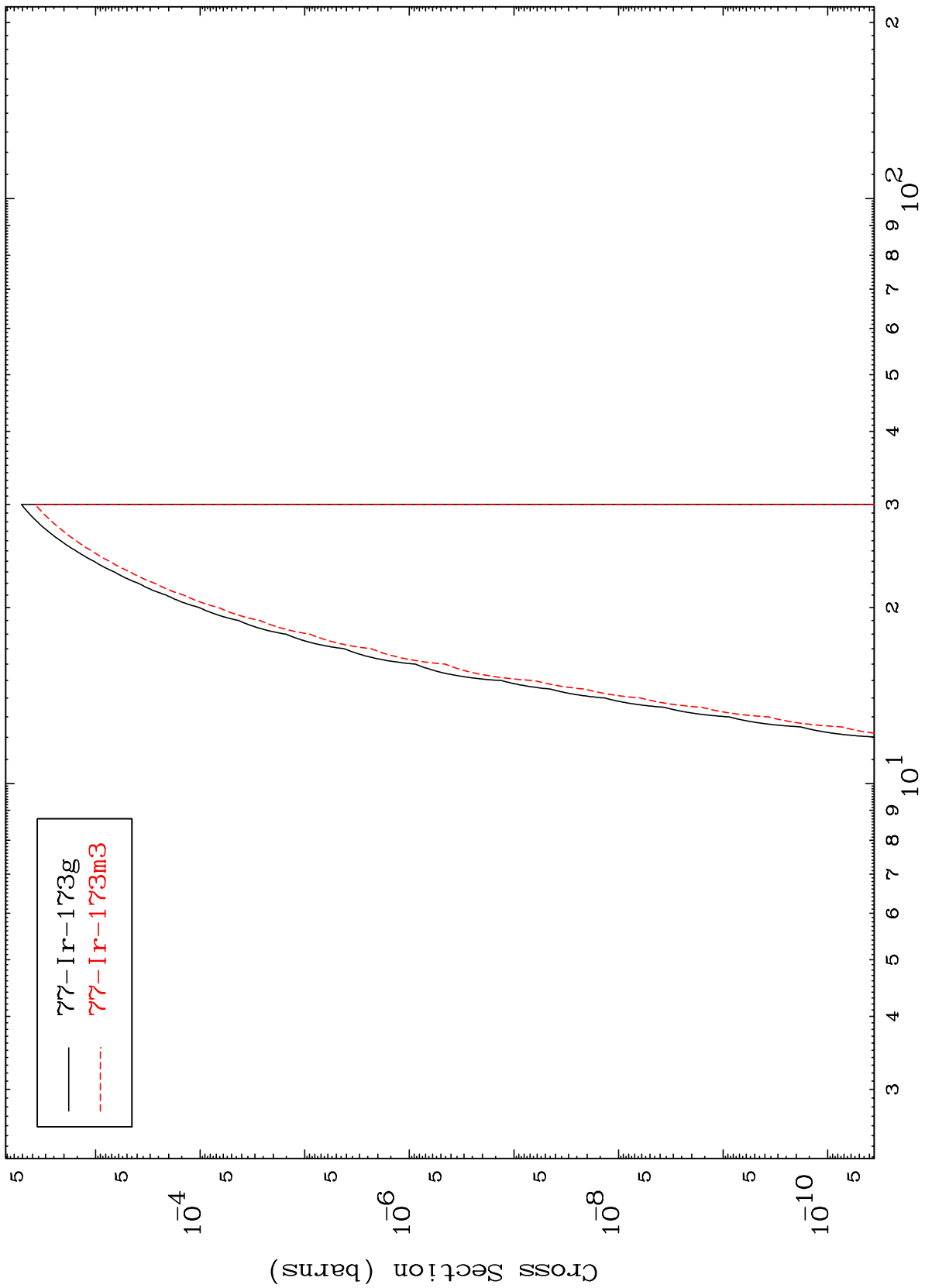
⁷⁹Au-176

MAT 7862

(n,p) t

79-Au-176

Radionuclide Production Cross Section



93

Incident Energy (MeV)

79-Au-176