

Program EVALPLOT
(Version 2018-1)

by

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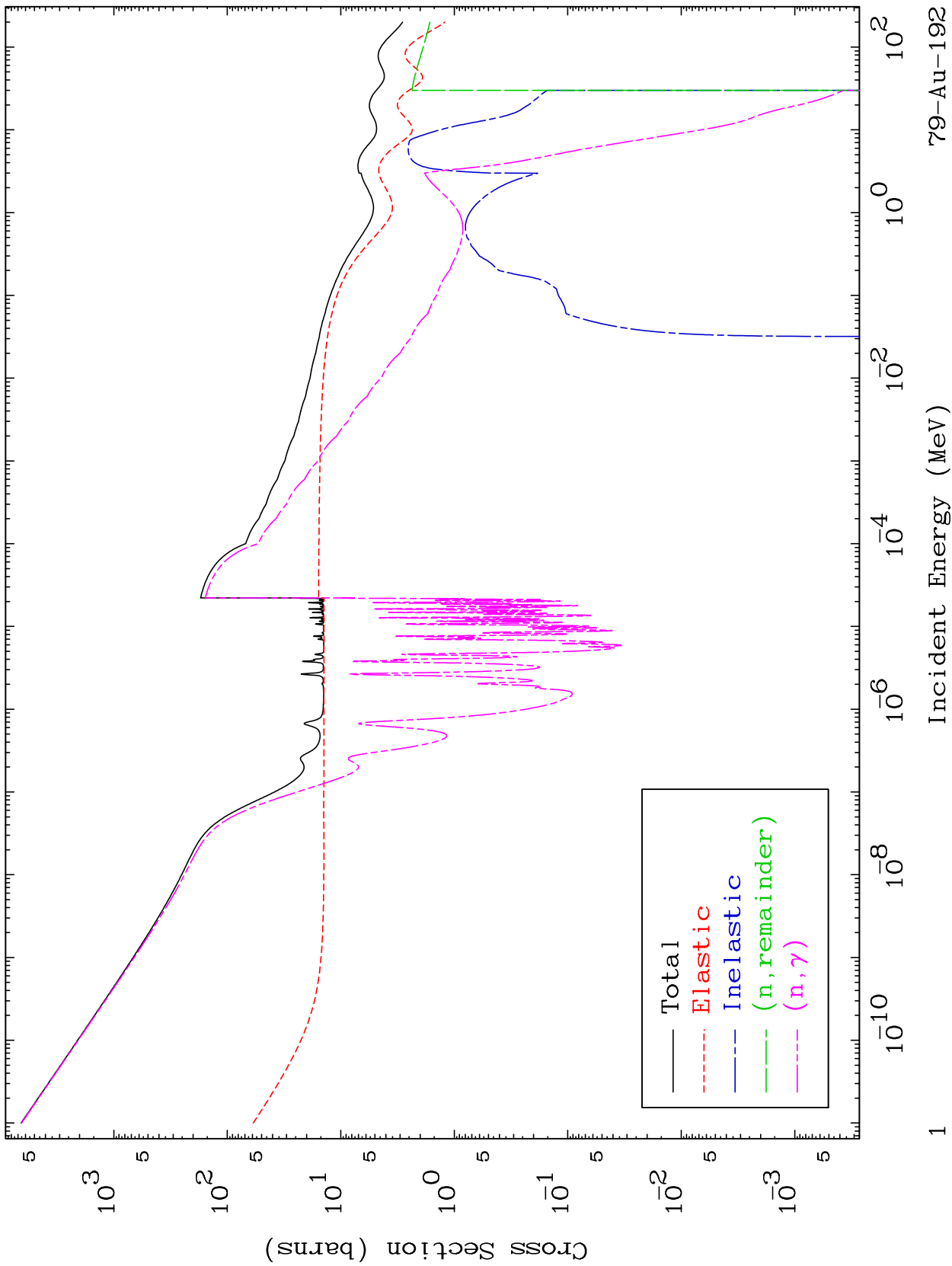
Press Mouse Button to Start

MAT 7910

Major

293 Kelvin Cross Sections

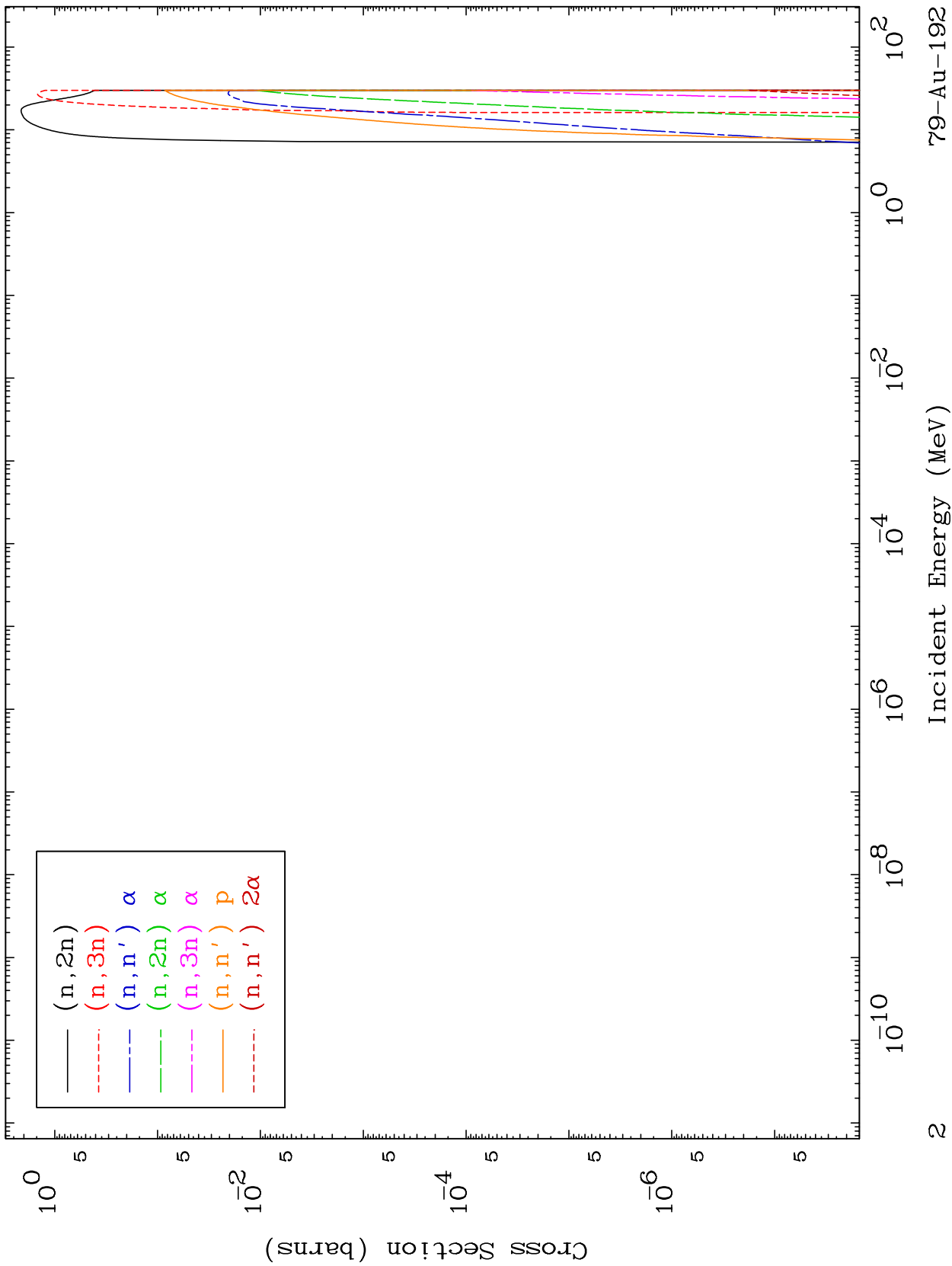
79-Au-192



MAT 7910

Neutron Production
293 Kelvin Cross Sections

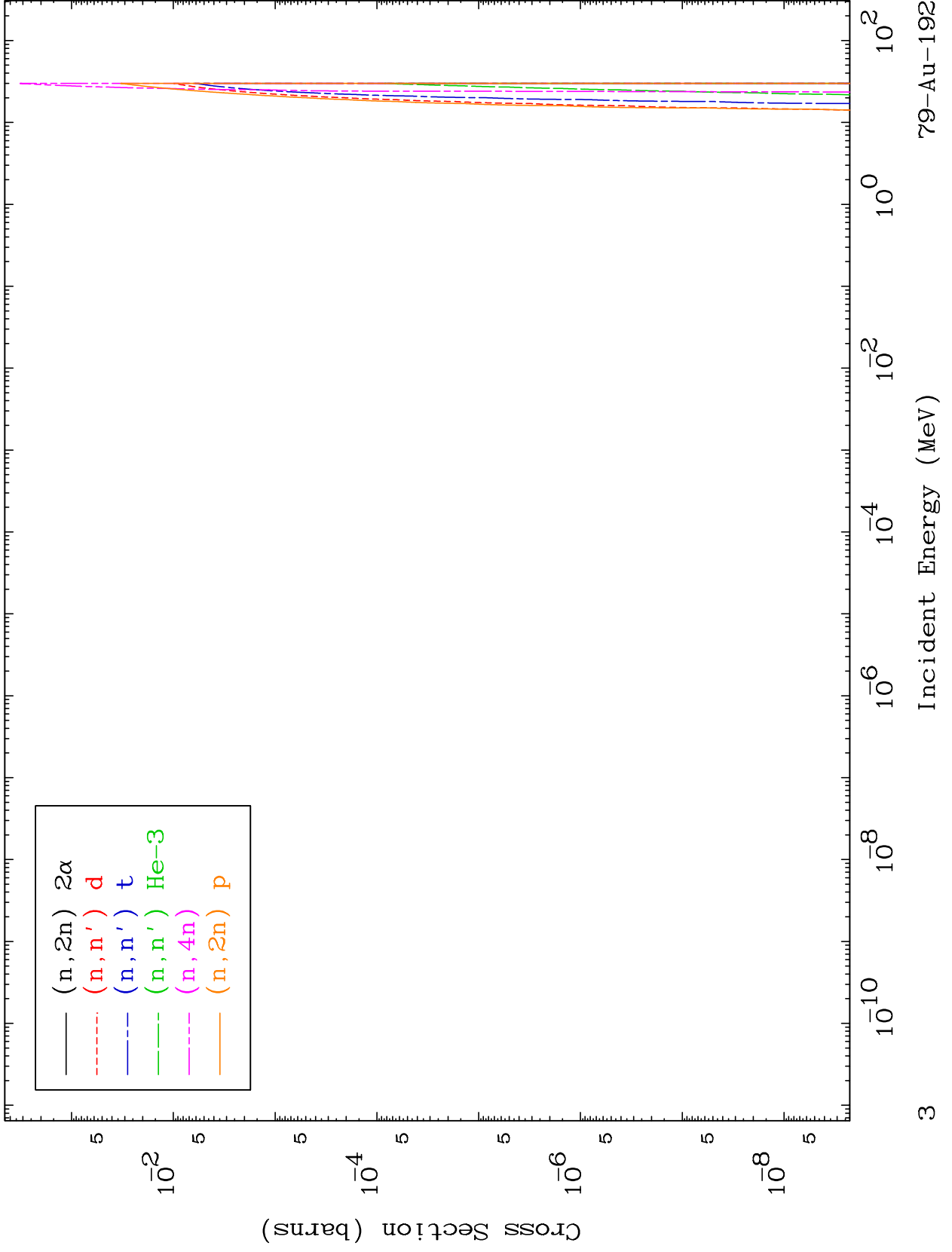
79-Au-192



MAT 7910

Neutron Production
293 Kelvin Cross Sections

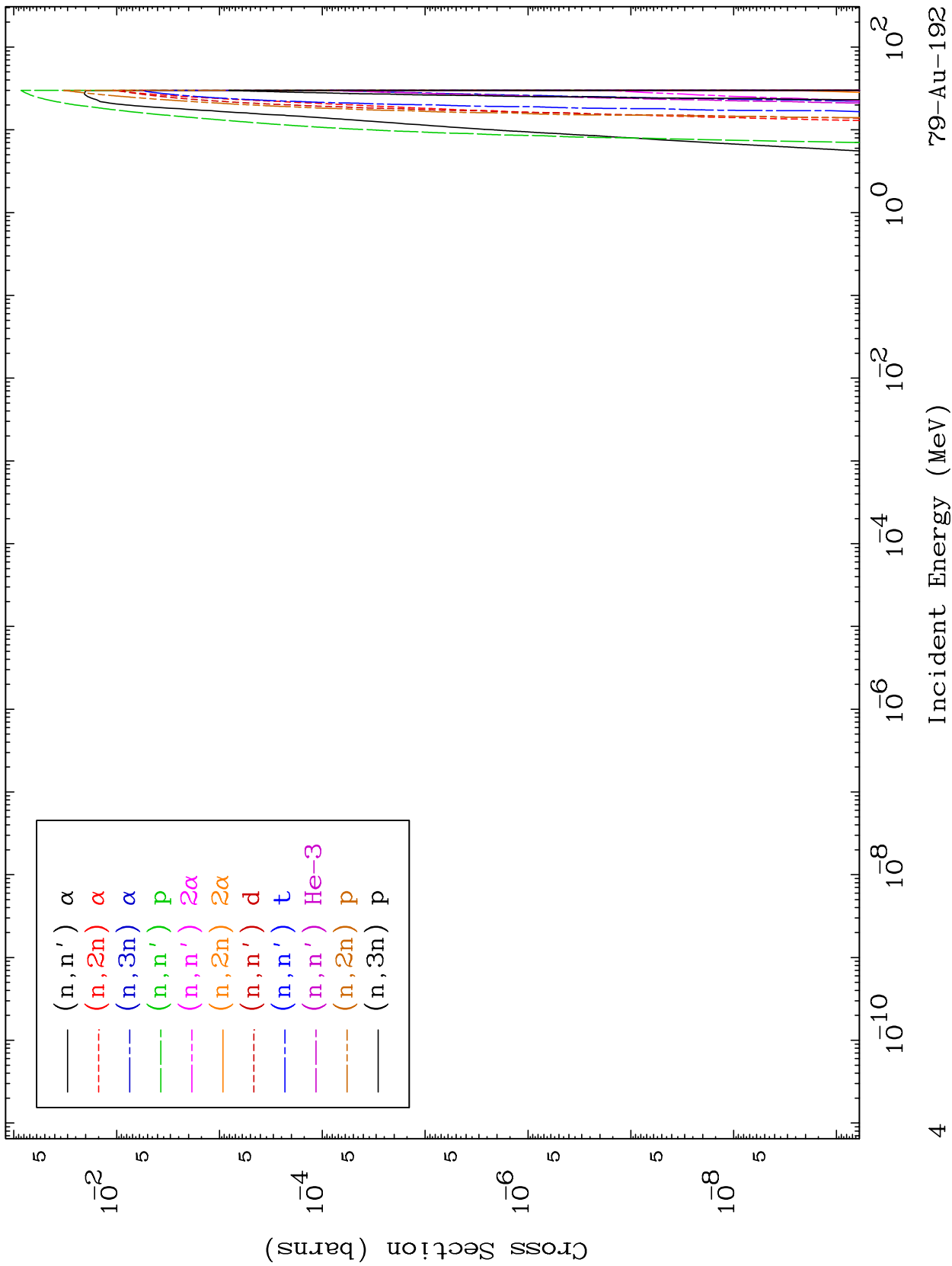
79-Au-192



MAT 7910

Charged Particle
293 Kelvin Cross Sections

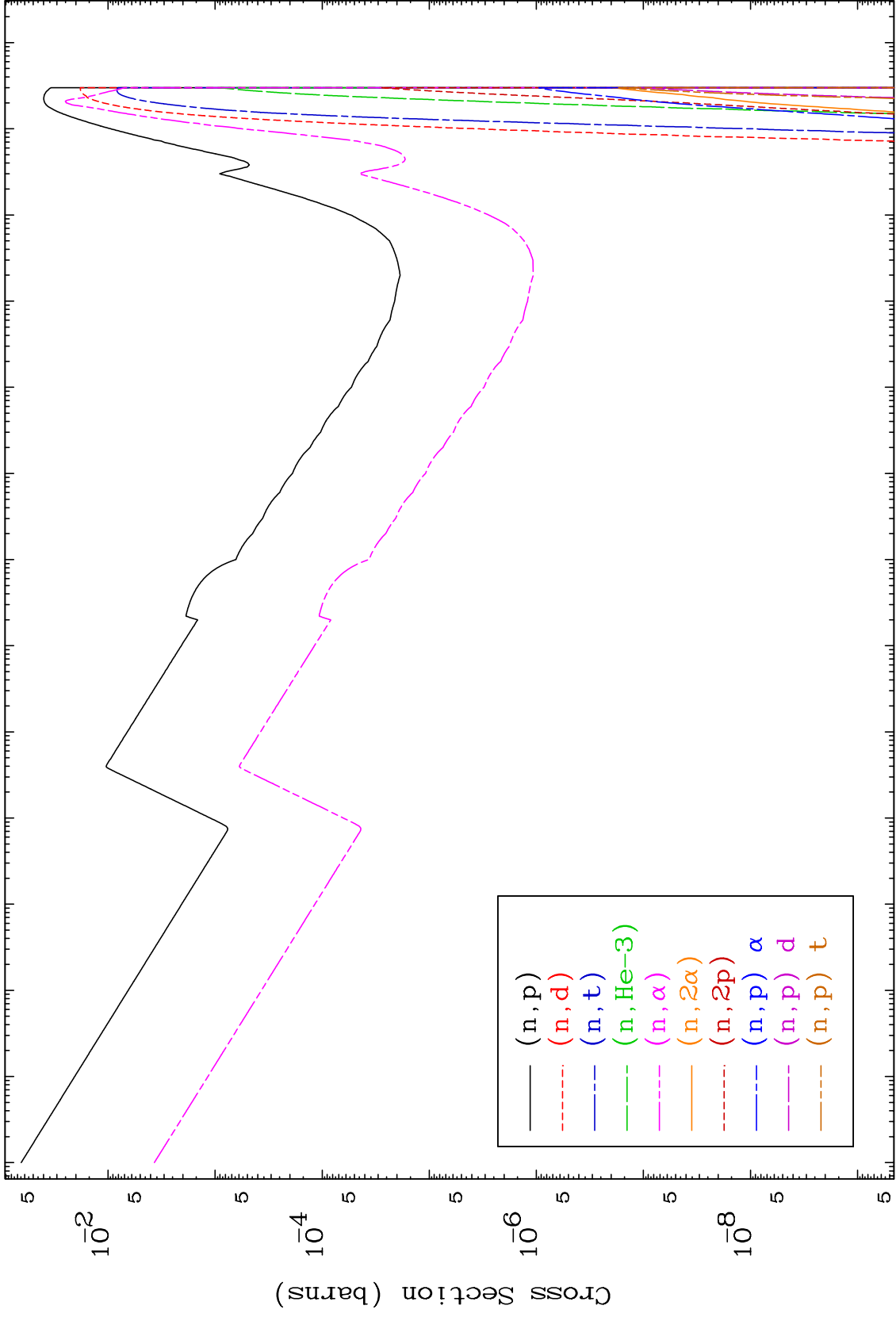
79-Au-192



MAT 7910

Charged Particle
293 Kelvin Cross Sections

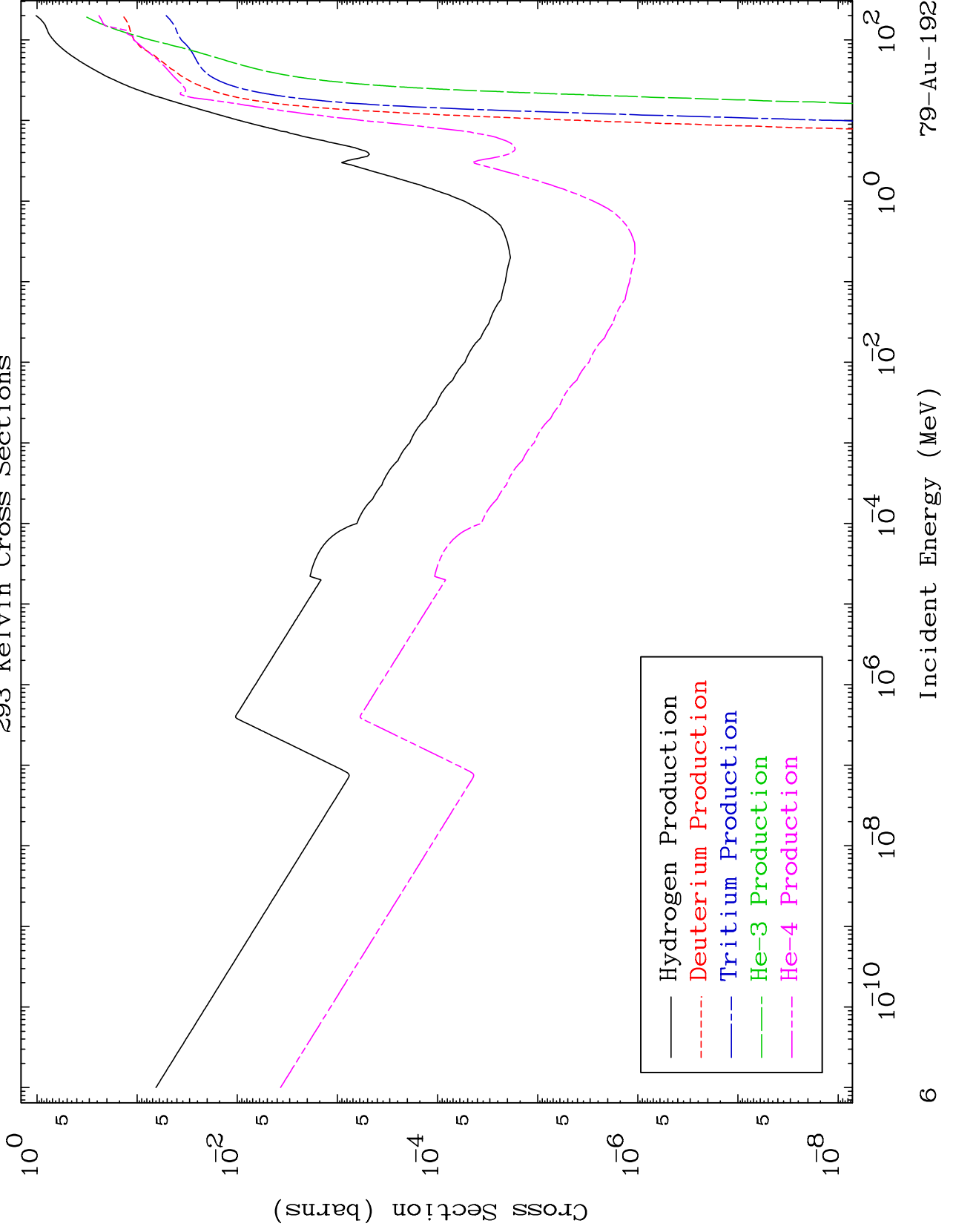
79-Au-192



MAT 7910

Particle Production
293 Kelvin Cross Sections

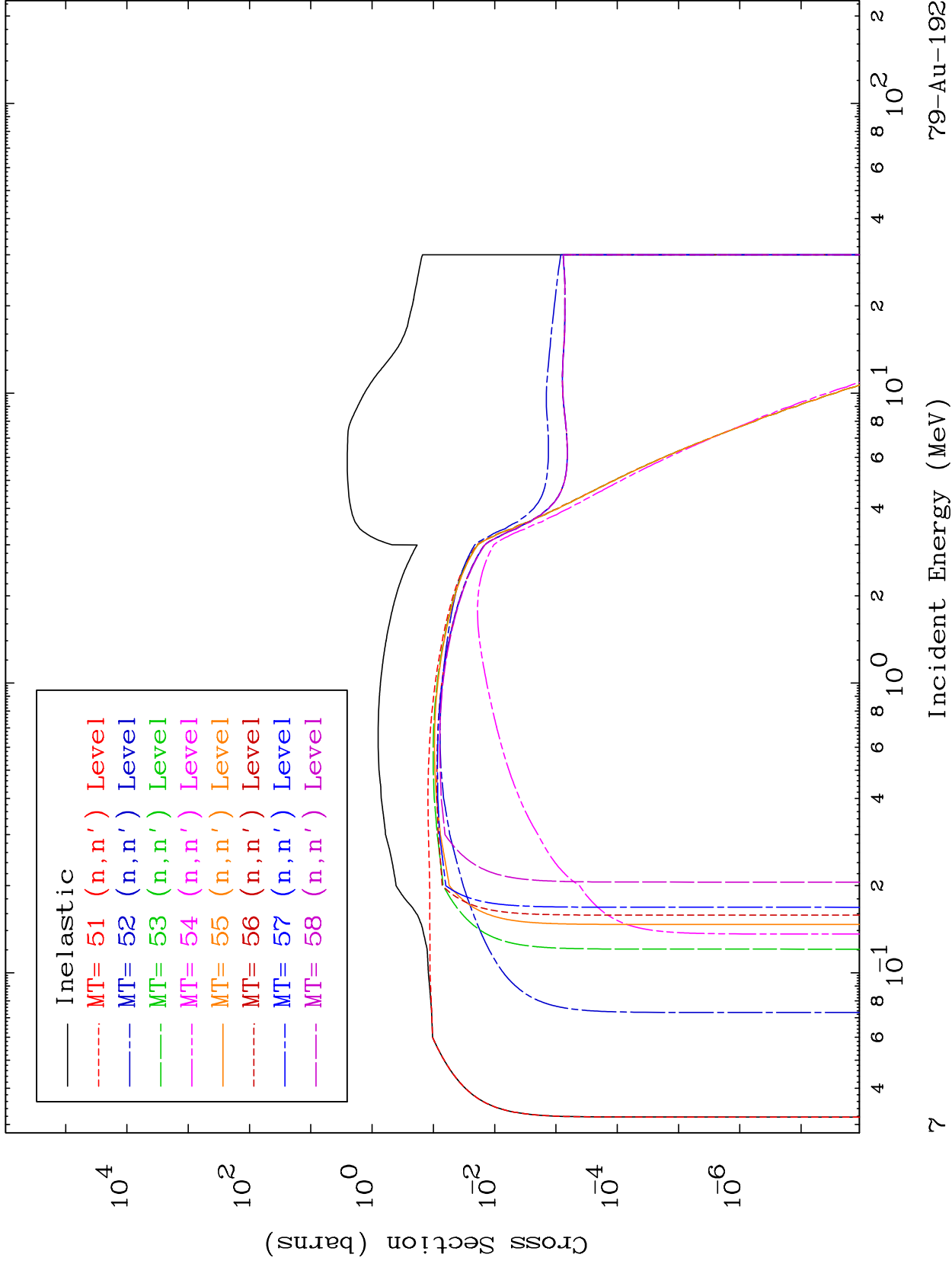
79-Au-192



MAT 7910

293 (n,n') Level
Kelvin Cross Sections

79-Au-192

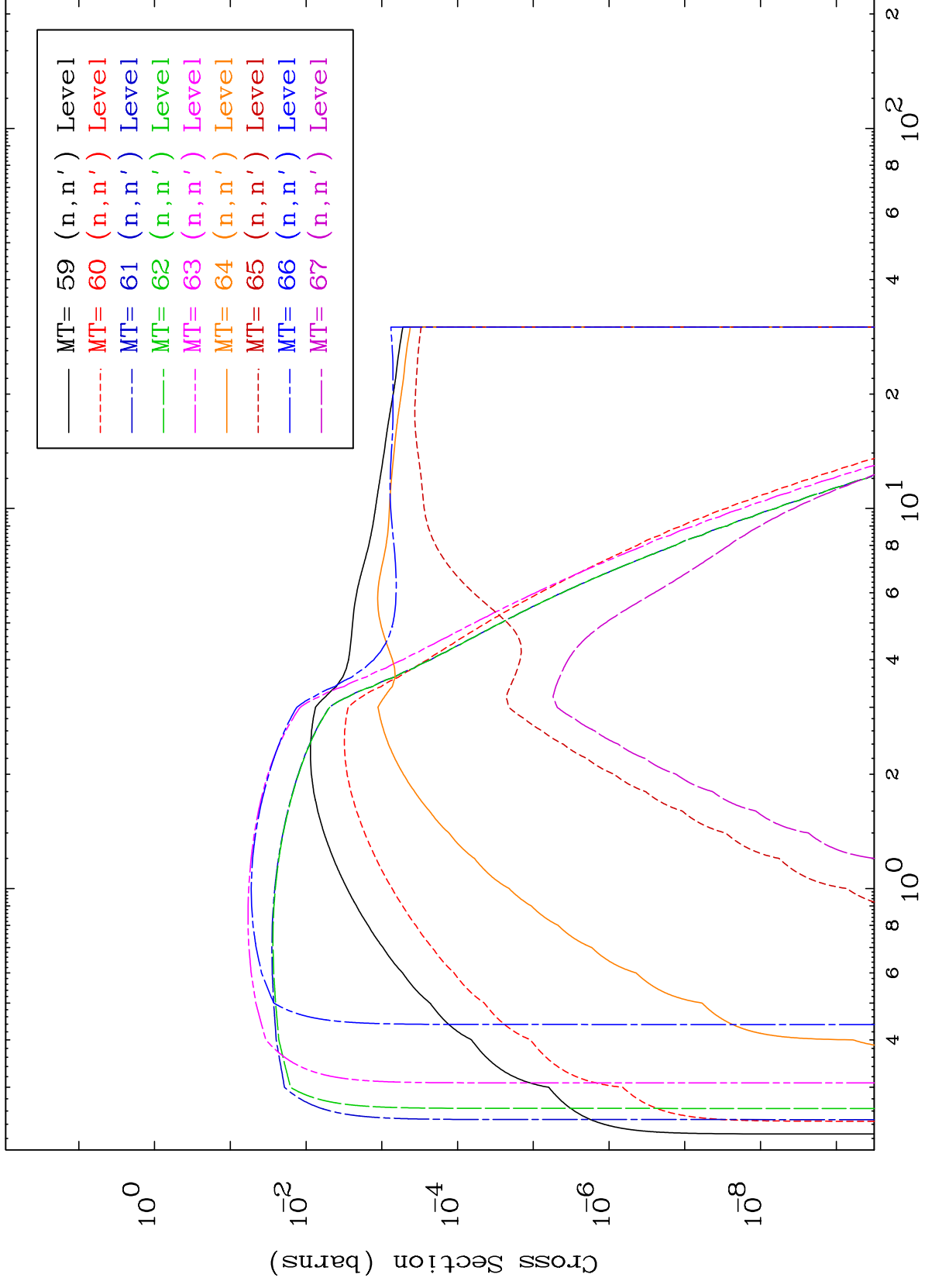


MAT 7910

(n,n') Level

79-Au-192

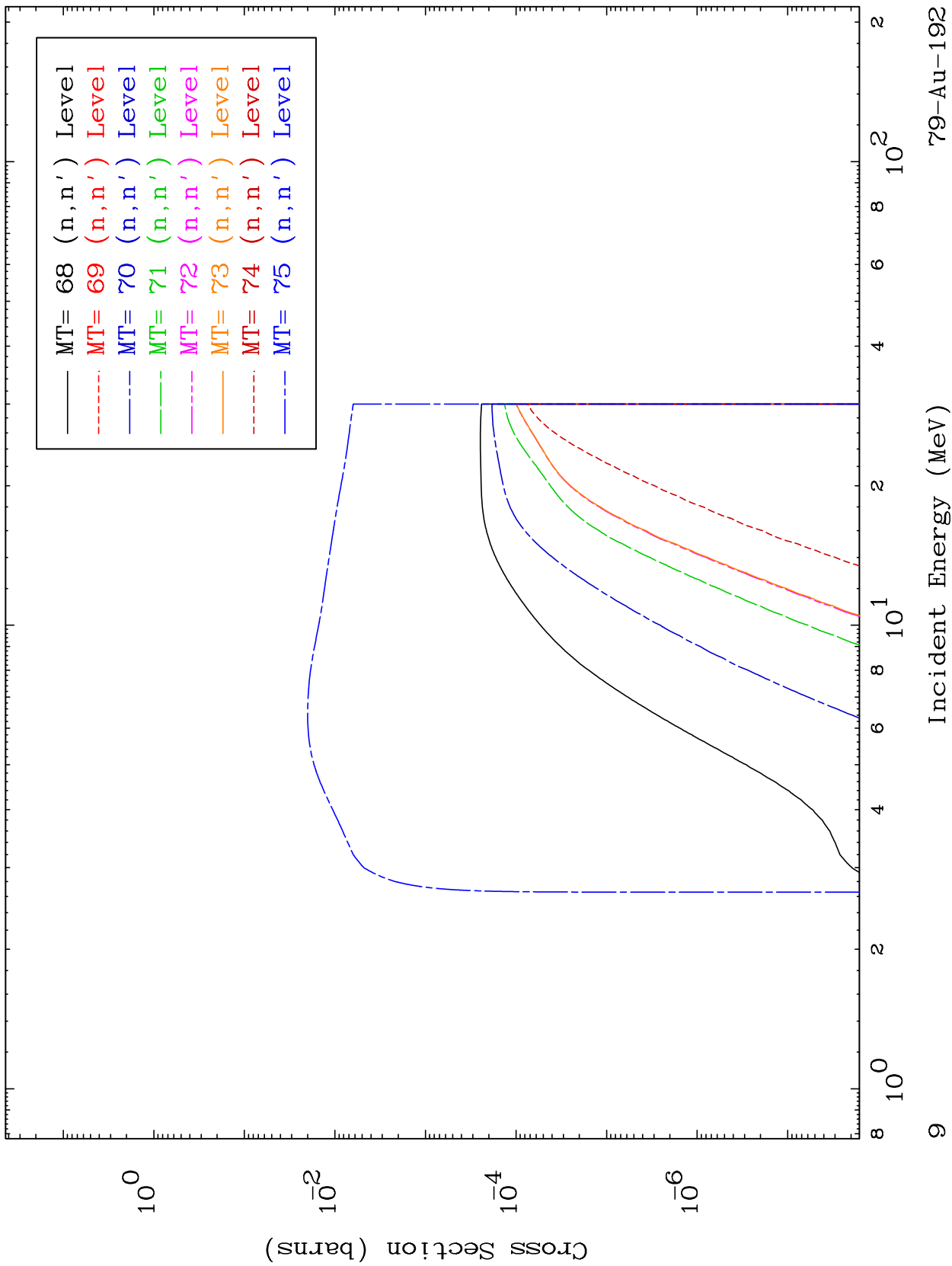
293 Kelvin Cross Sections



MAT 7910

(n,n') Level
293 Kelvin Cross Sections

79-Au-192



9

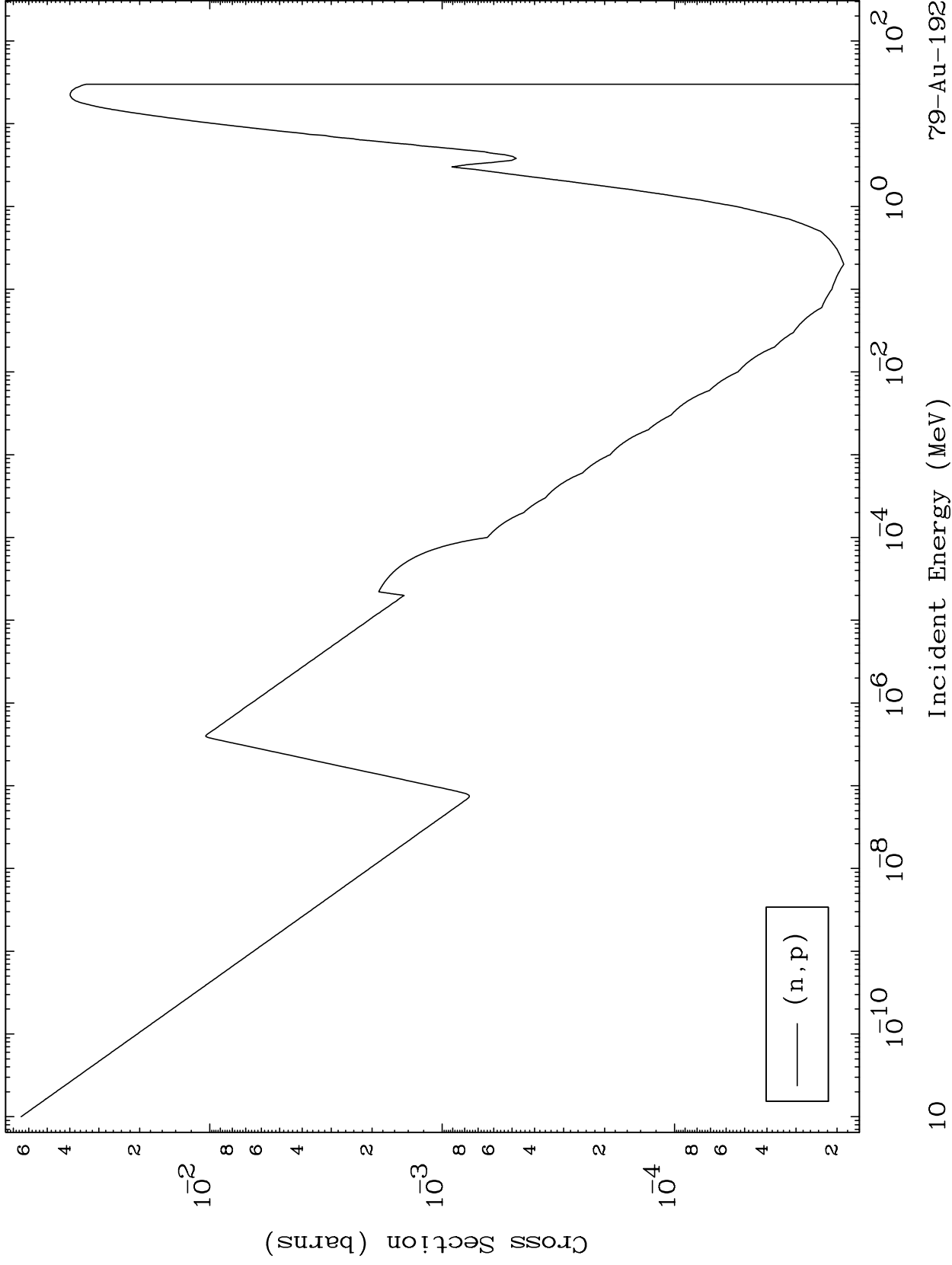
Incident Energy (MeV)

79-Au-192

MAT 7910

(n,p) Levels
293 Kelvin Cross Sections

79-Au-192



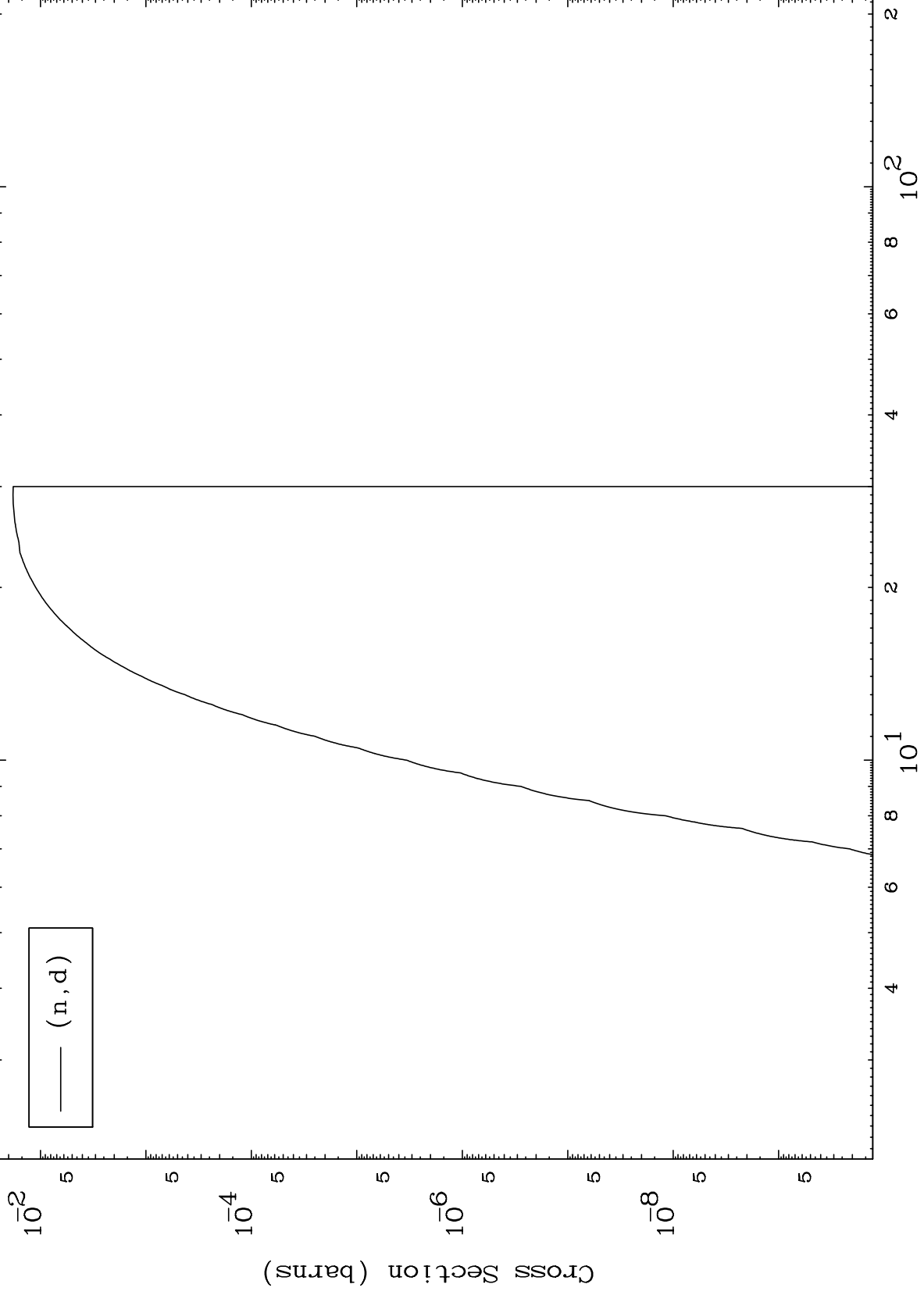
10

79-Au-192

MAT 7910

(n,d) Levels
293 Kelvin Cross Sections

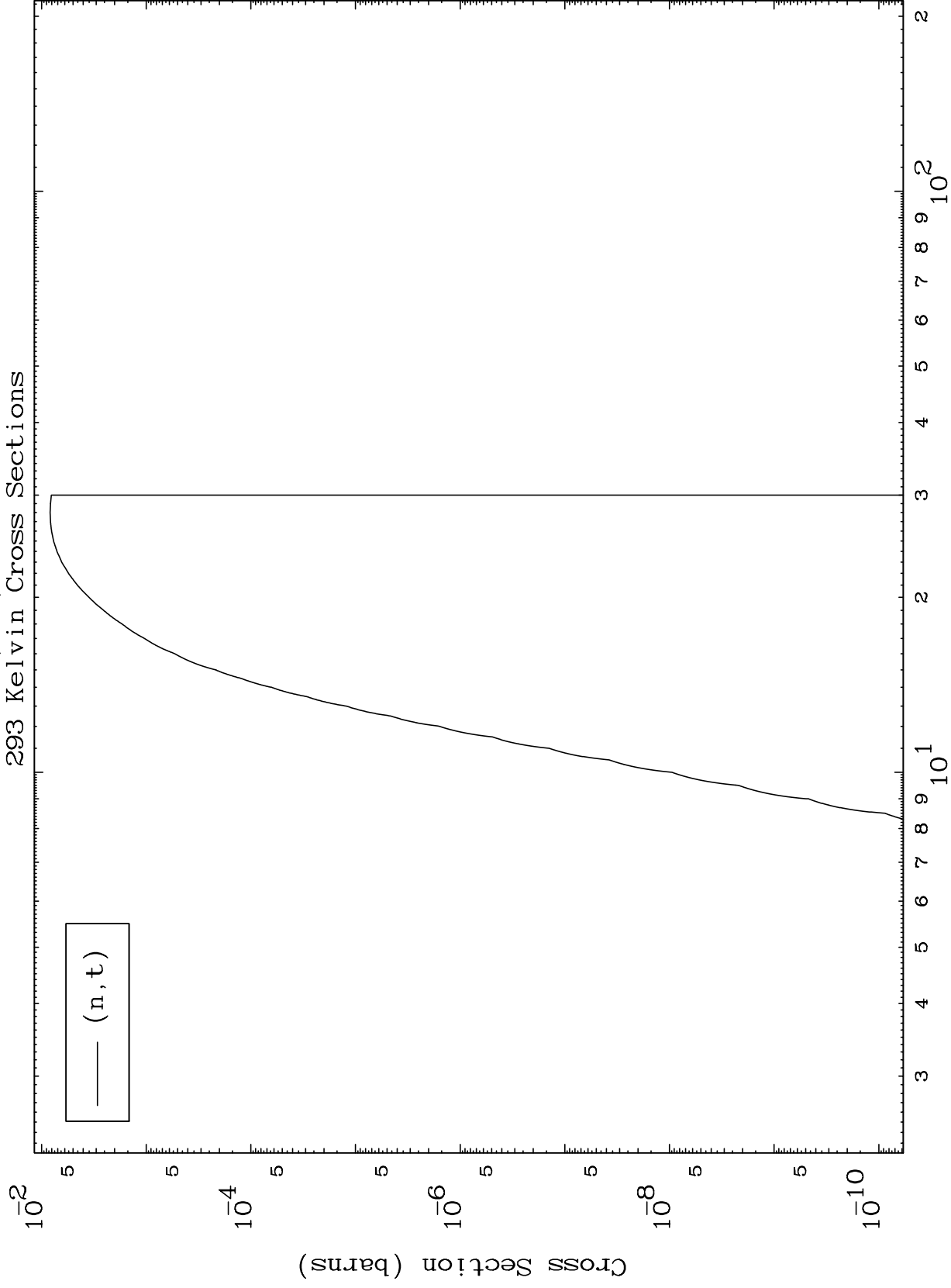
79-Au-192



MAT 7910

(n,t) Levels
293 Kelvin Cross Sections

79-Au-192



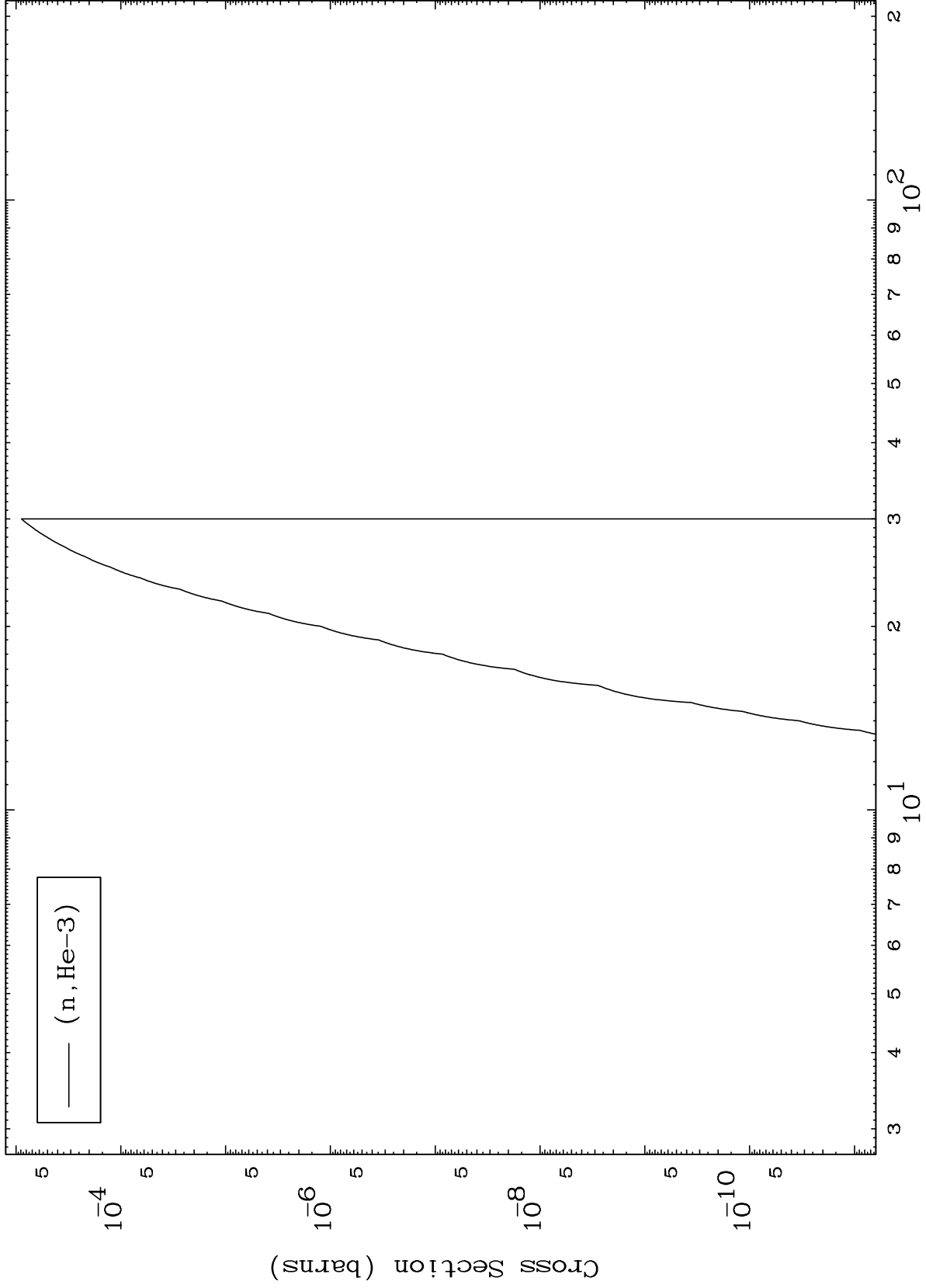
12

79-Au-192

MAT 7910

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-192



13

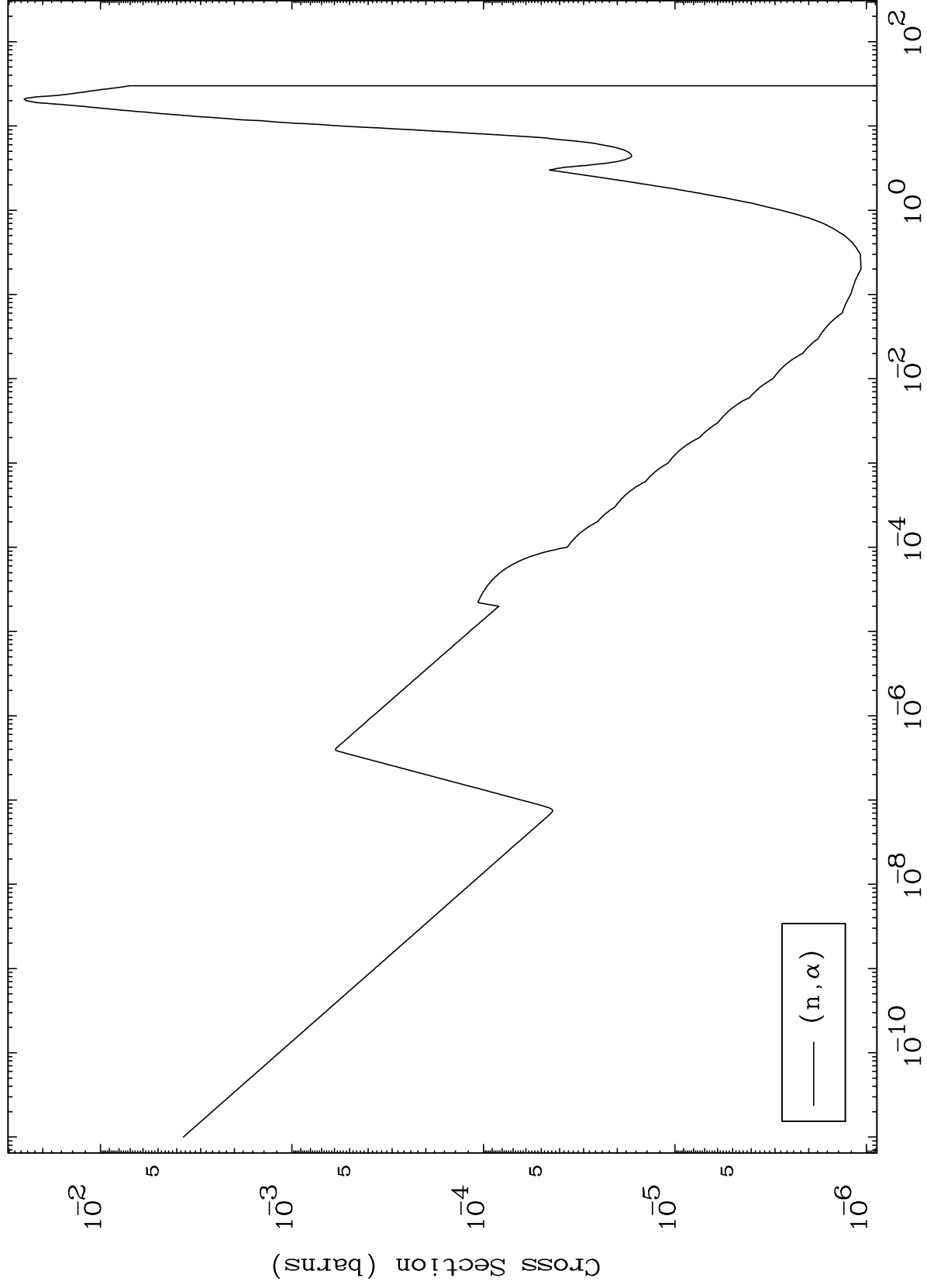
Incident Energy (MeV)

79-Au-192

MAT 7910

(n,α) Levels
293 Kelvin Cross Sections

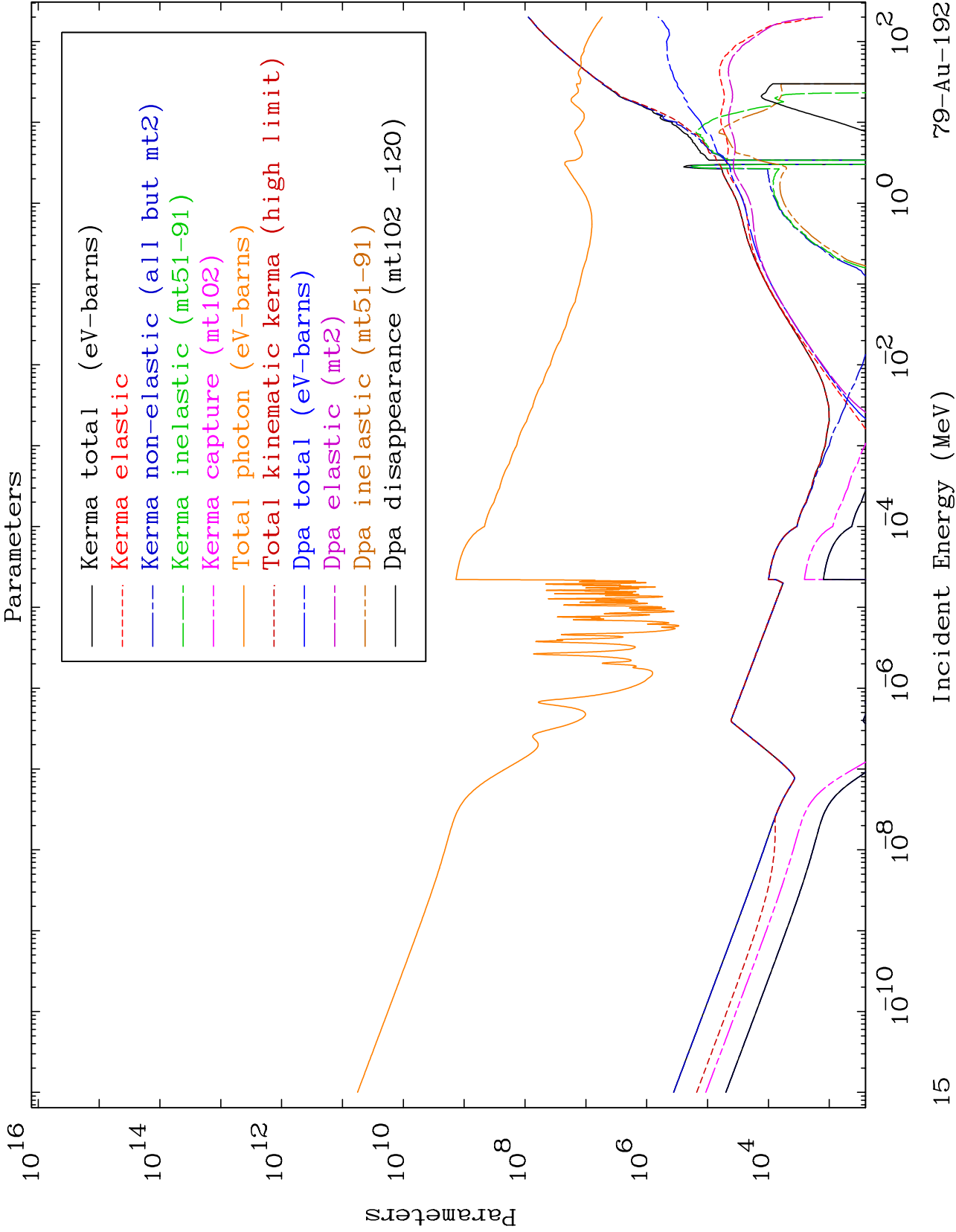
79-Au-192

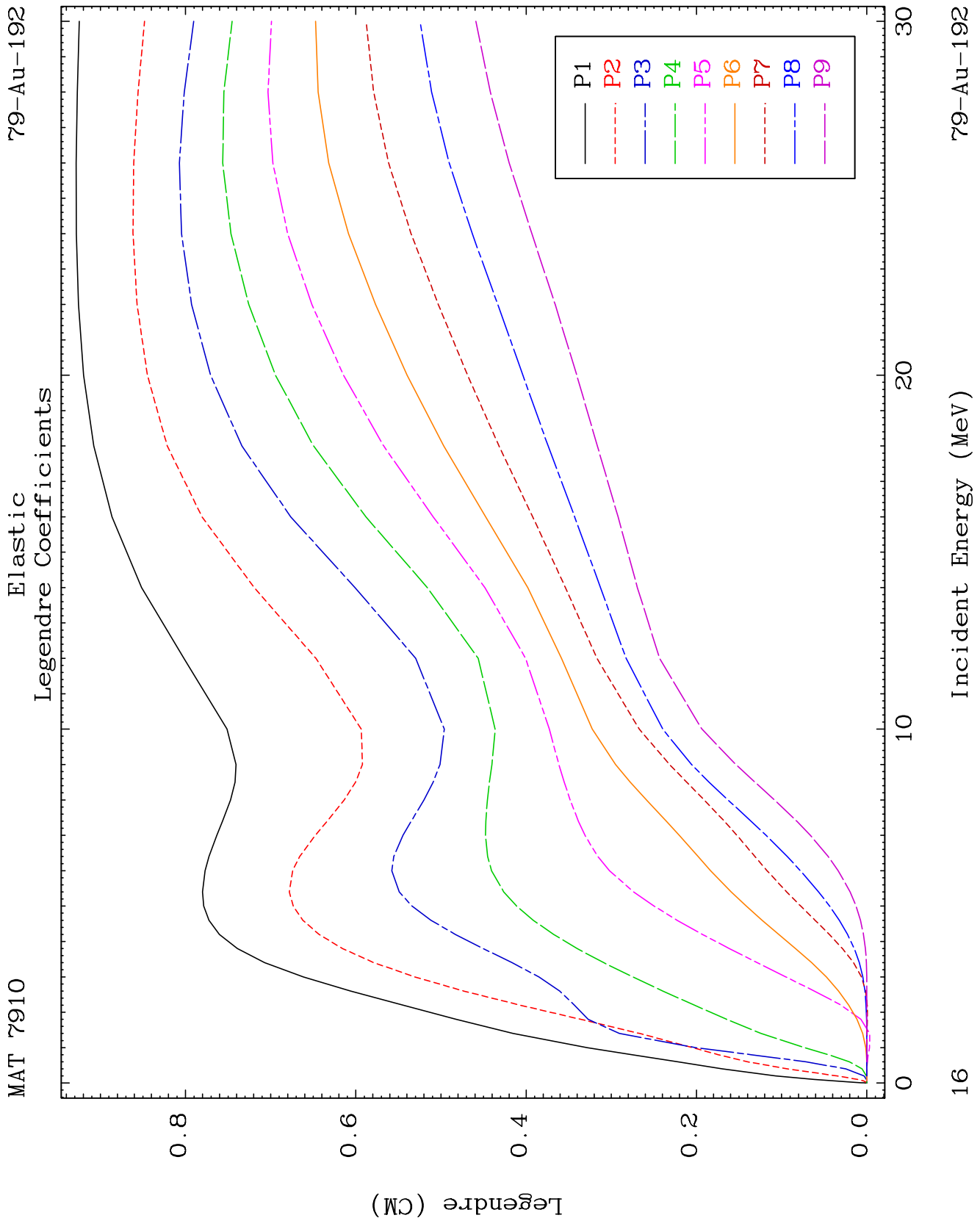


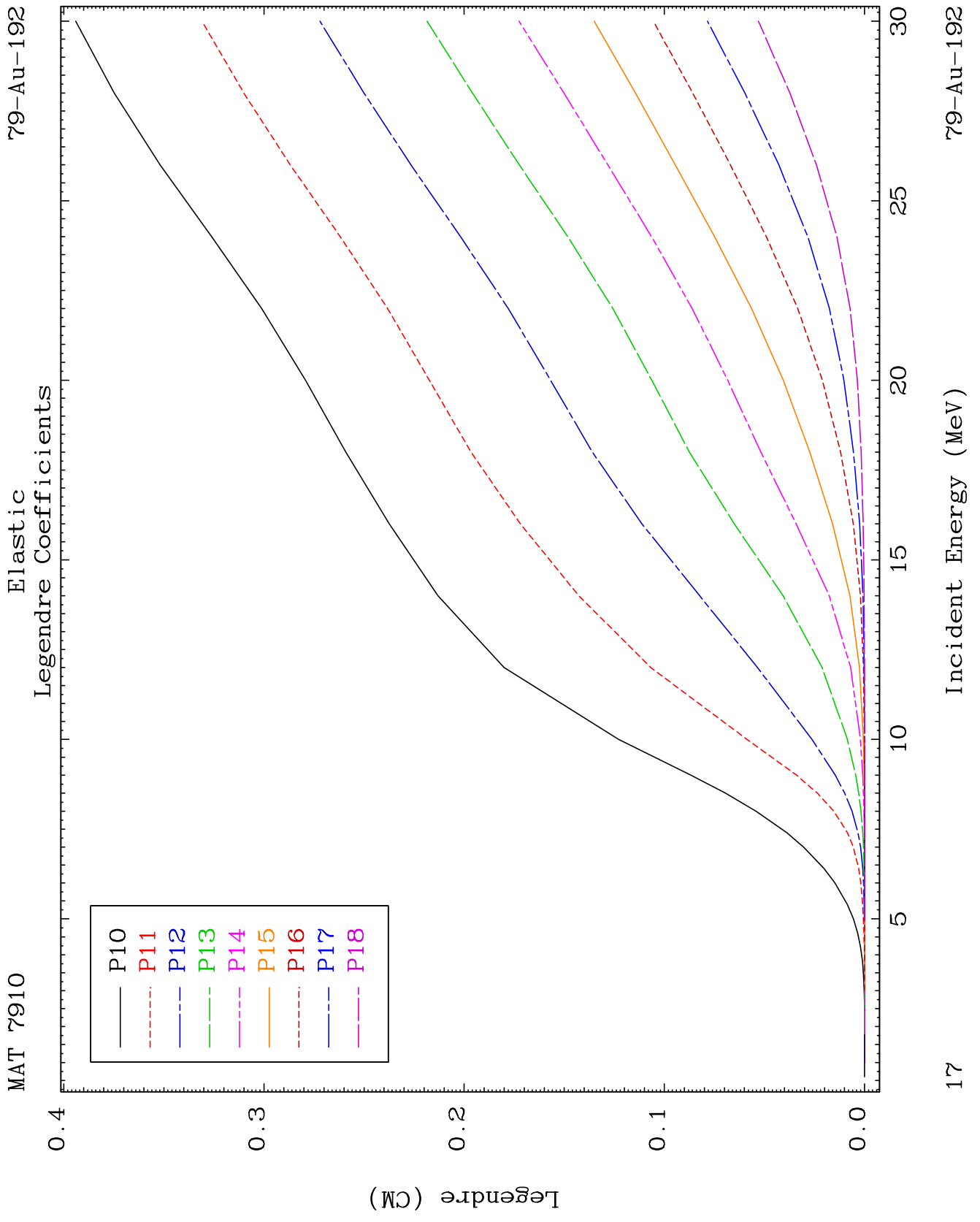
14

Incident Energy (MeV)

79-Au-192



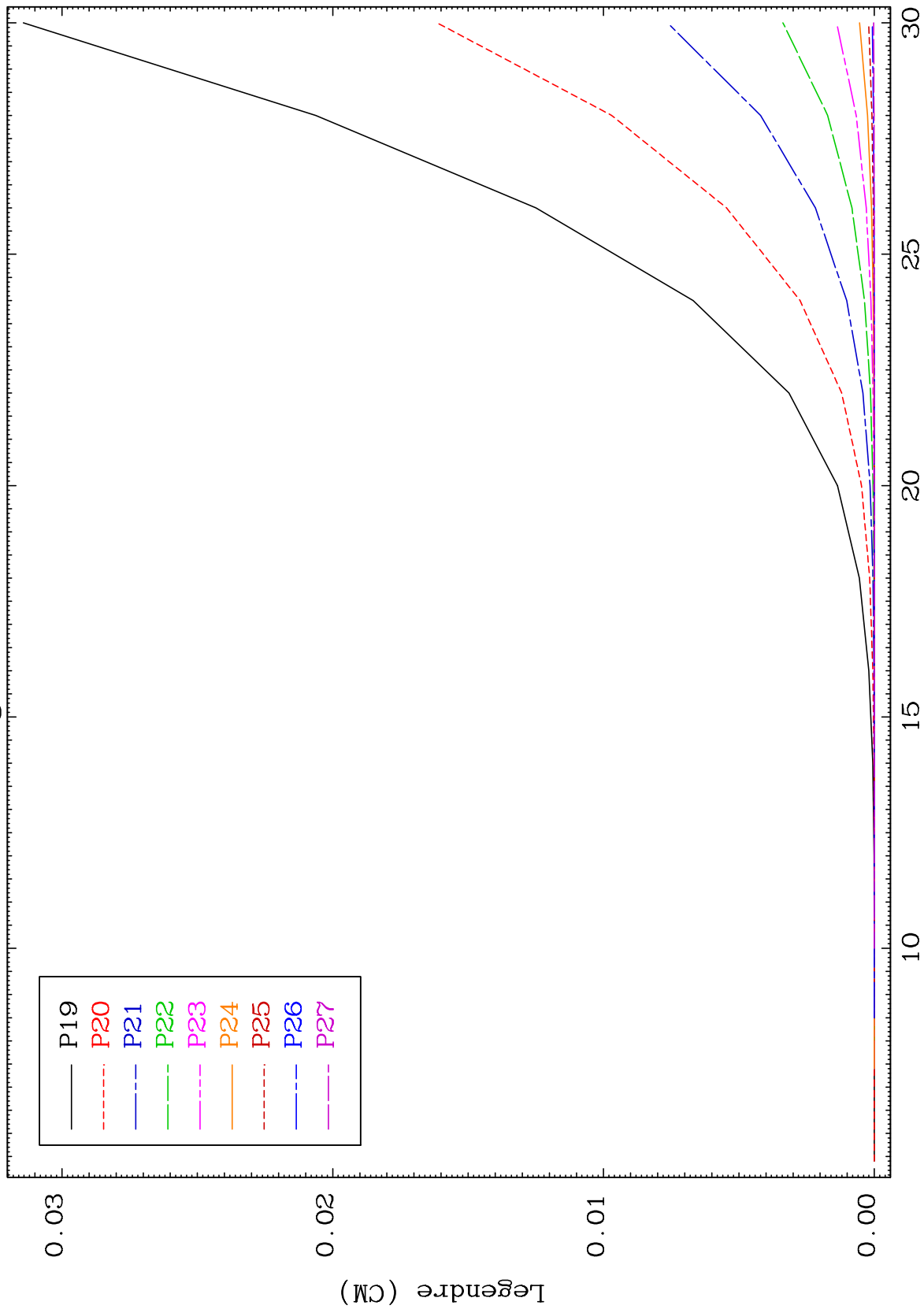




MAT 7910

Elastic Legendre Coefficients

79-Au-192



18

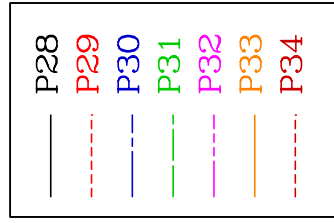
Incident Energy (MeV)

79-Au-192

MAT 7910

Elastic
Legendre Coefficients

79-Au-192



$\times 10^{-6}$

8

6

4

2

0

Legendre (CM)

15

20

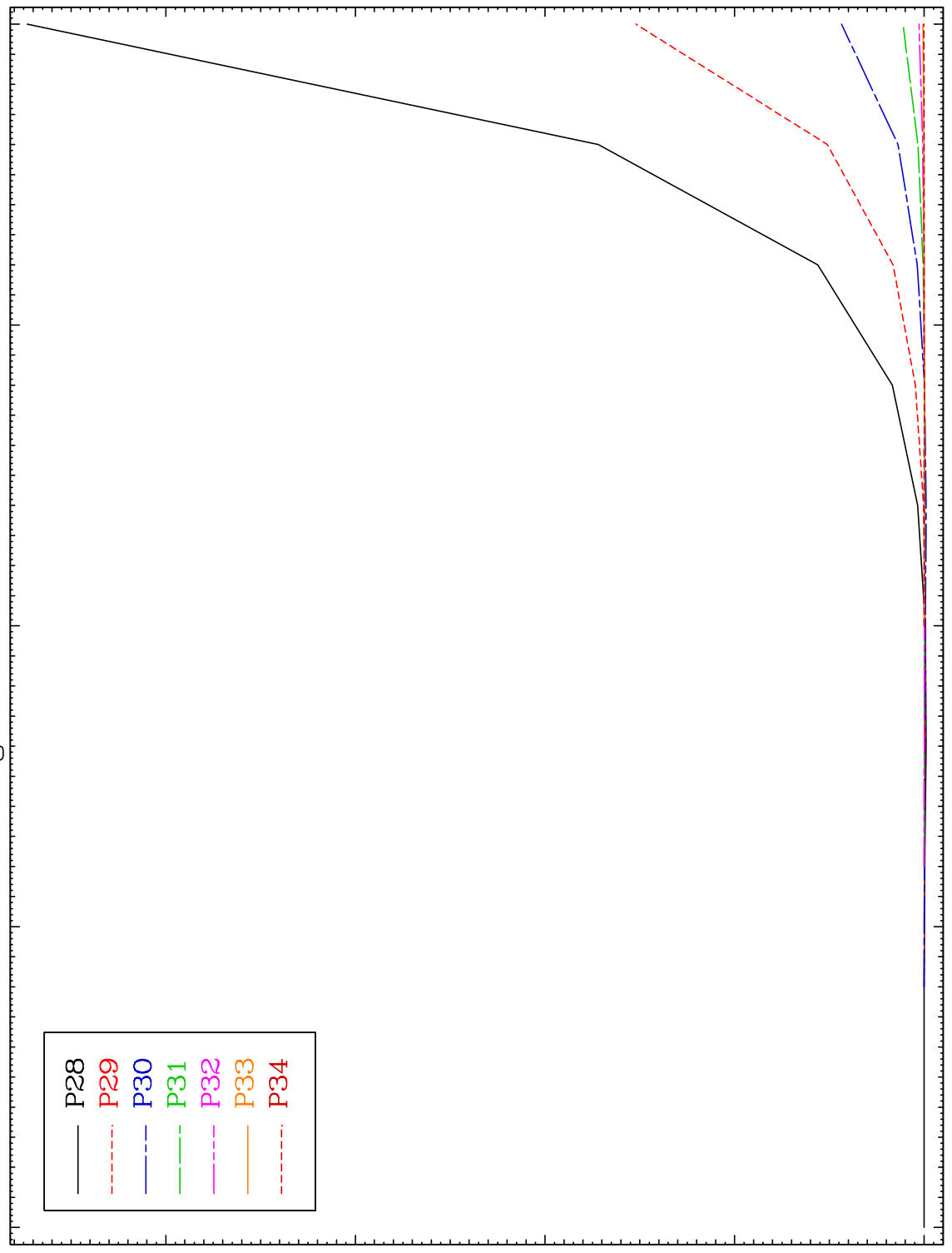
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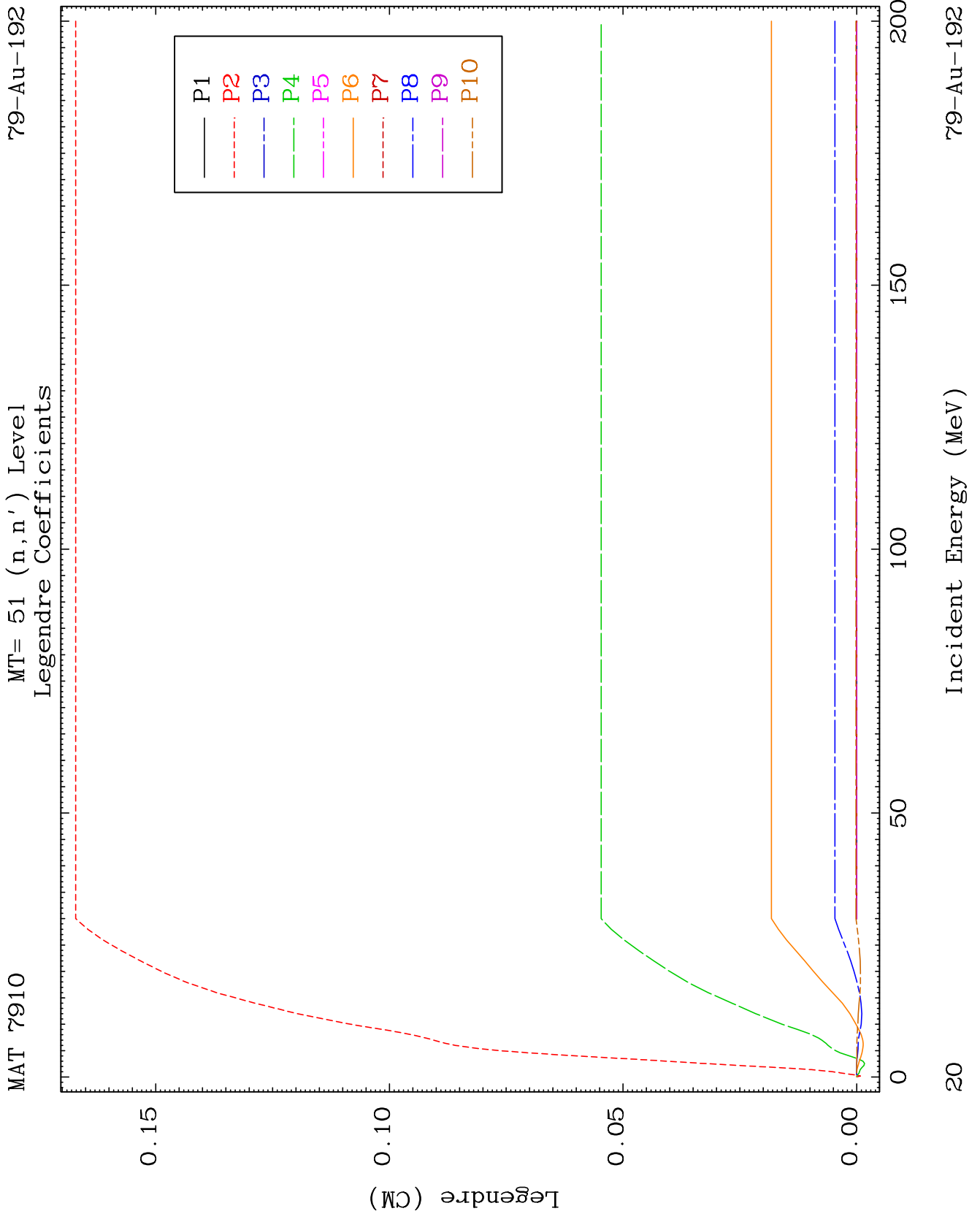
30

19

Incident Energy (MeV)

79-Au-192

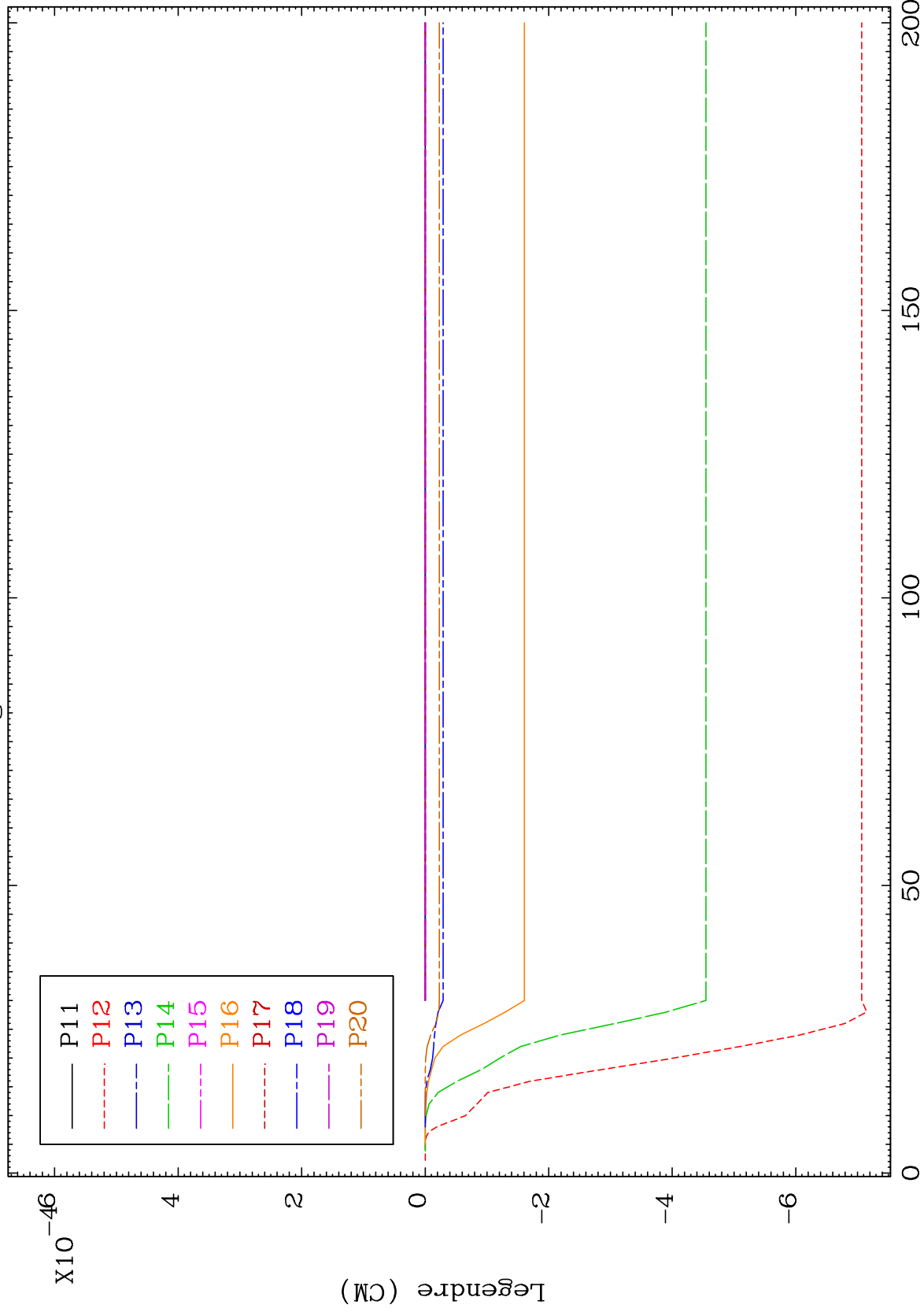




MAT 7910

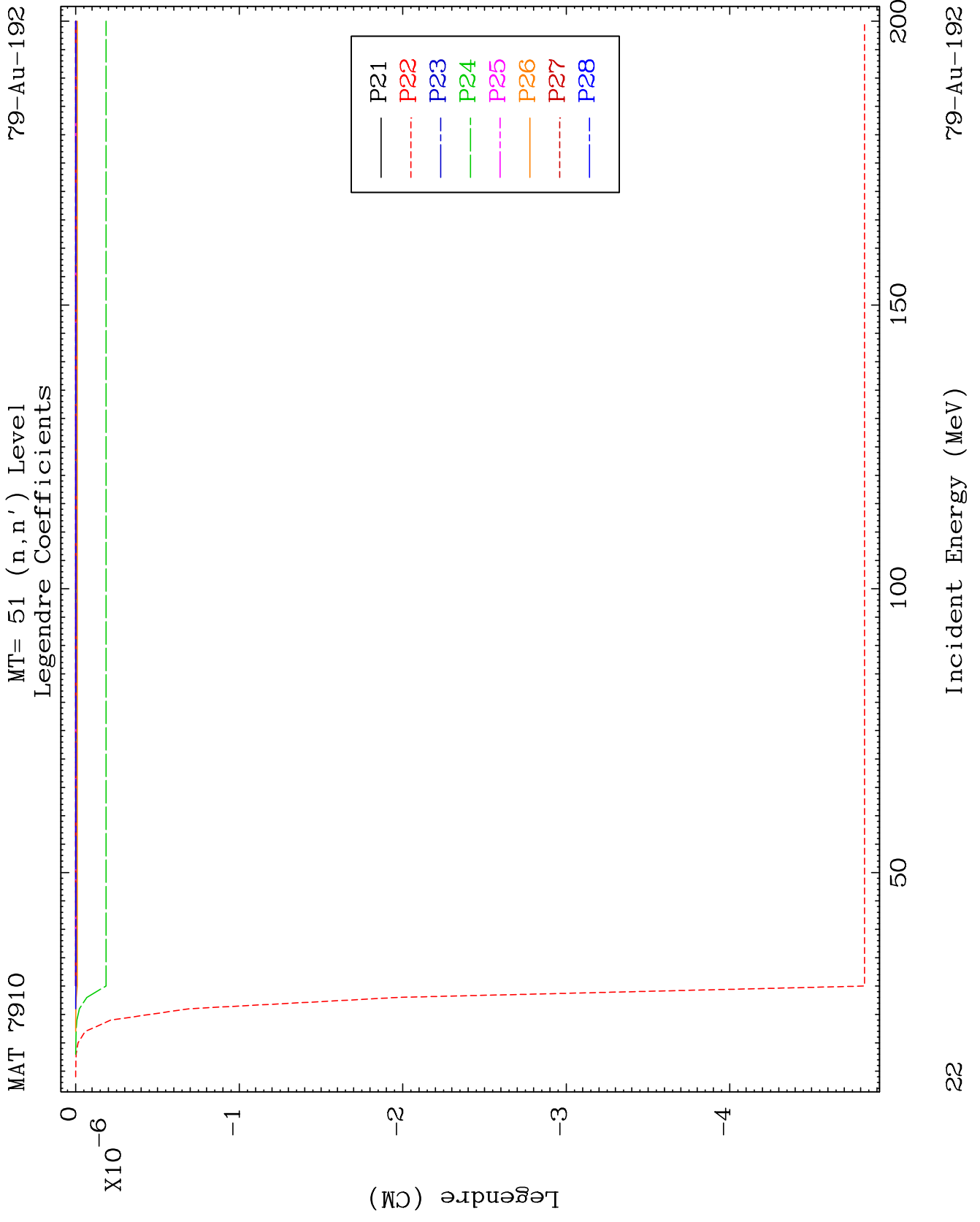
MT= 51 (n,n') Level
Legendre Coefficients

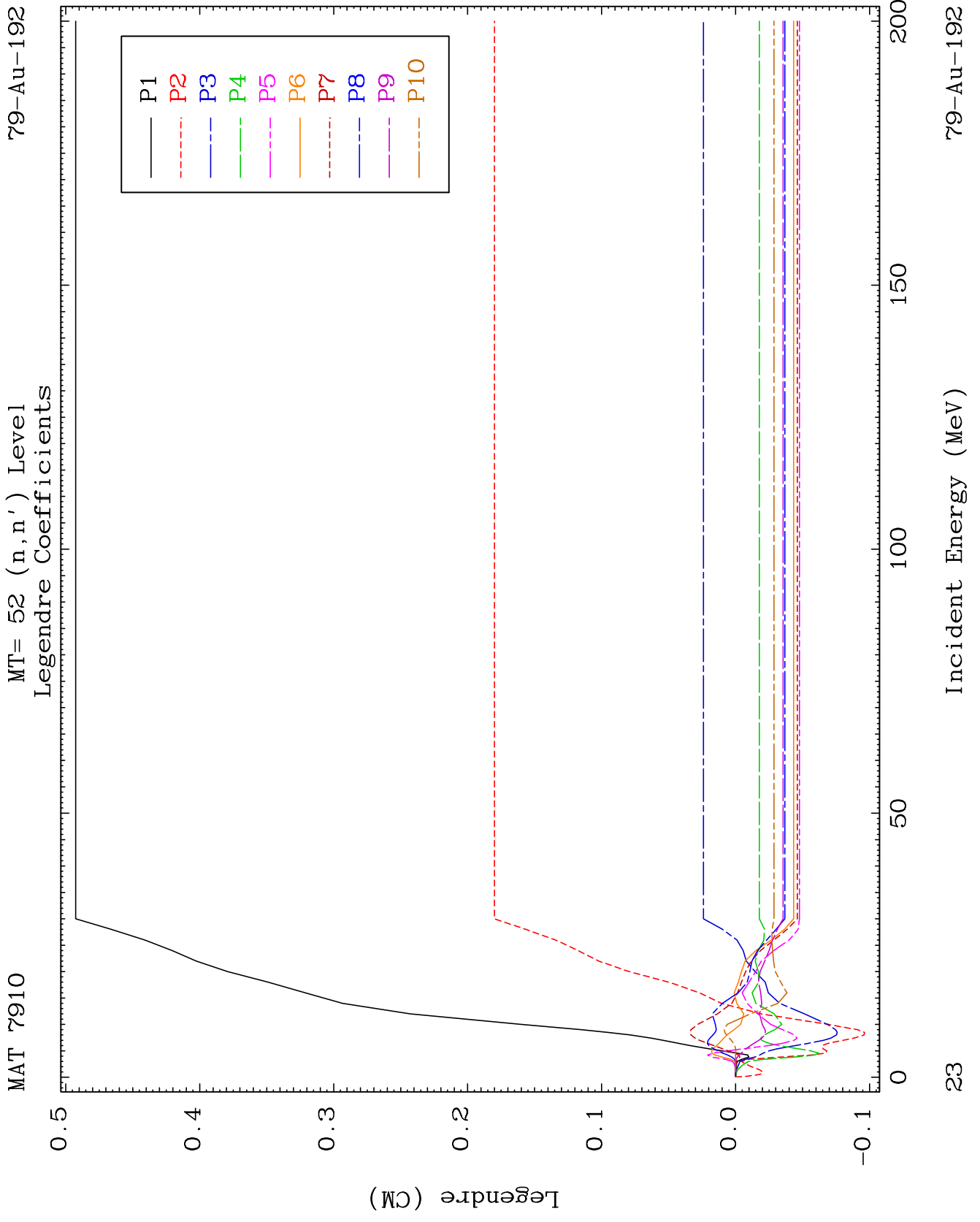
79-Au-192



21

79-Au-192

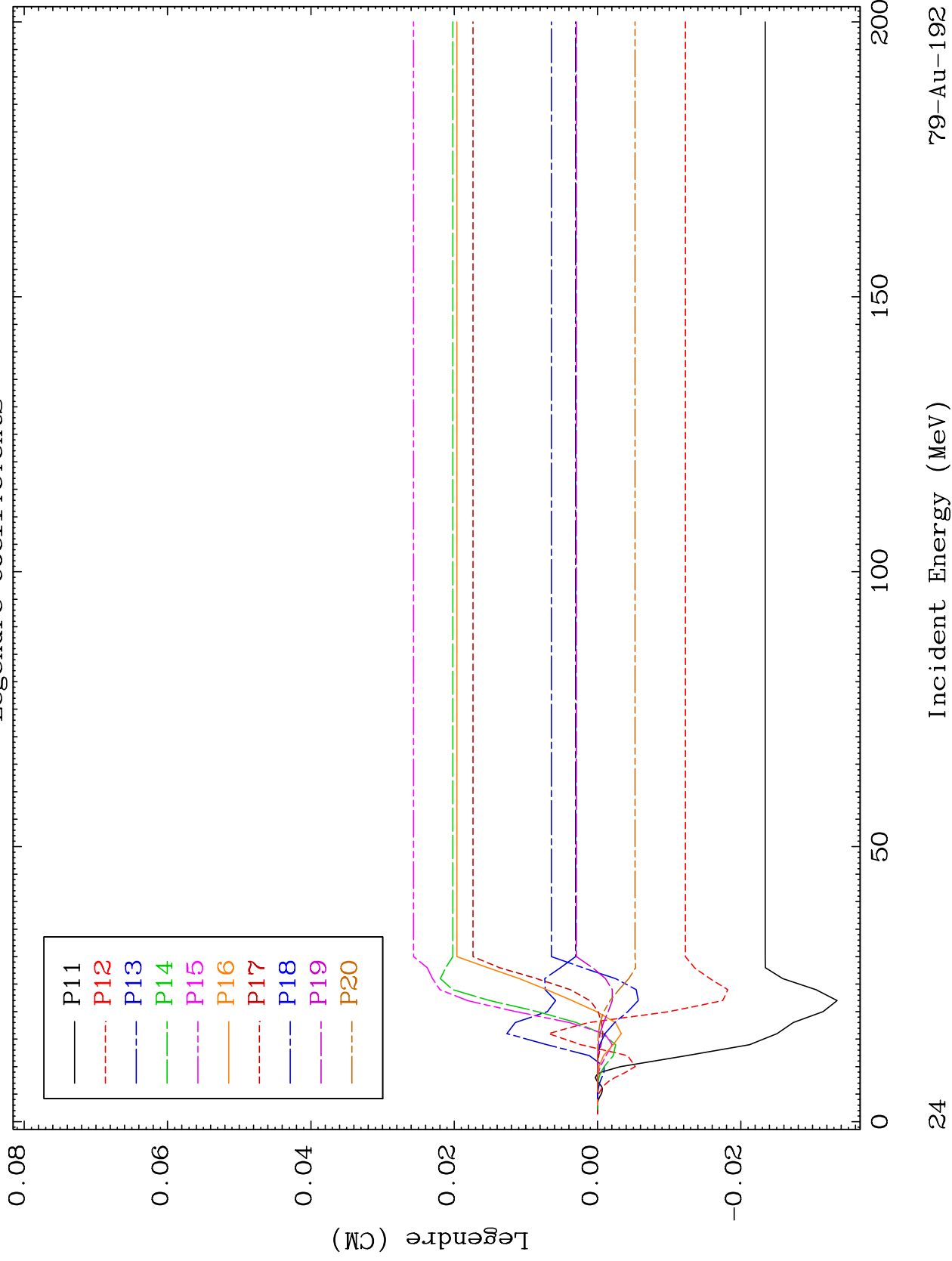




MAT 7910

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

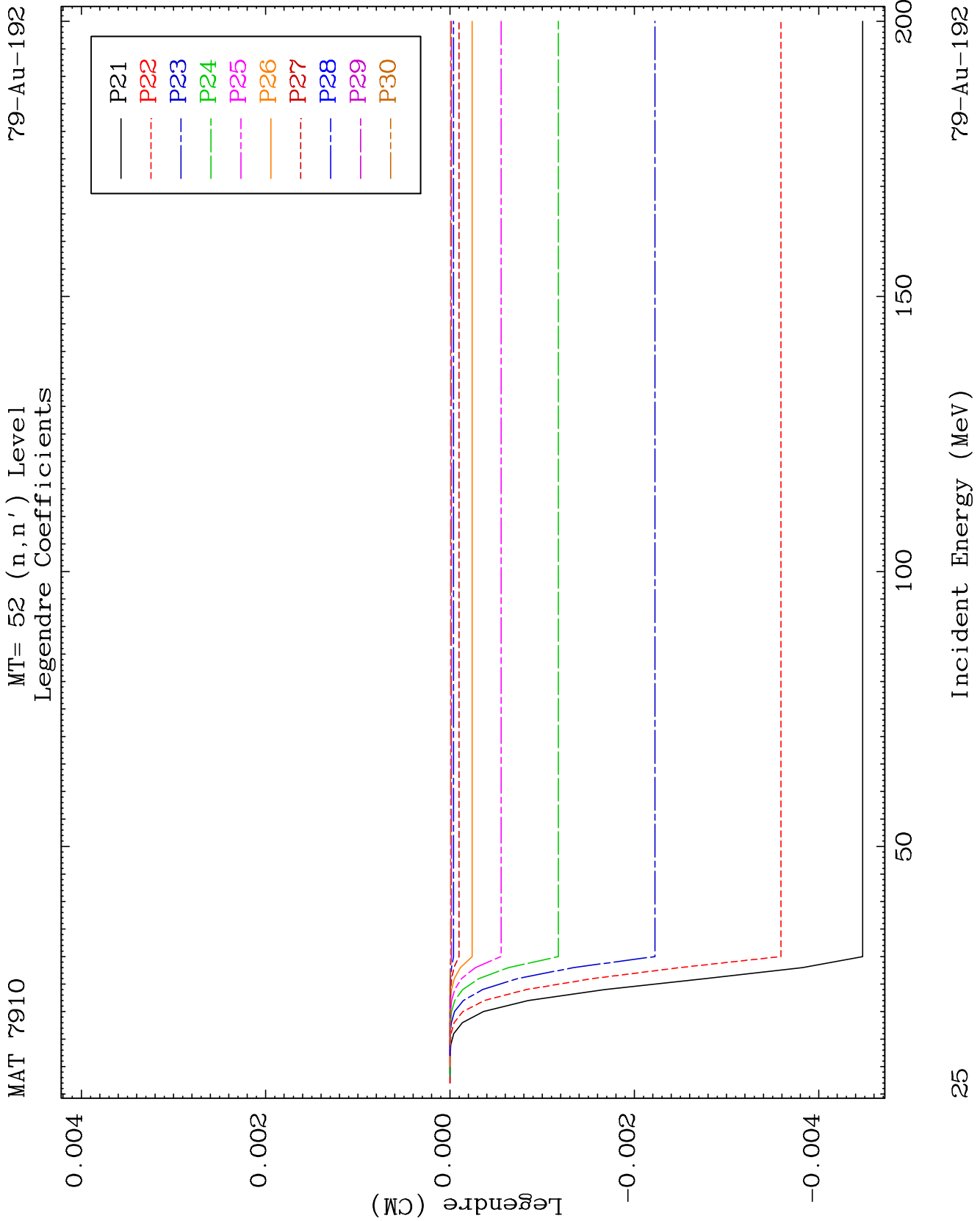
79-Au-192

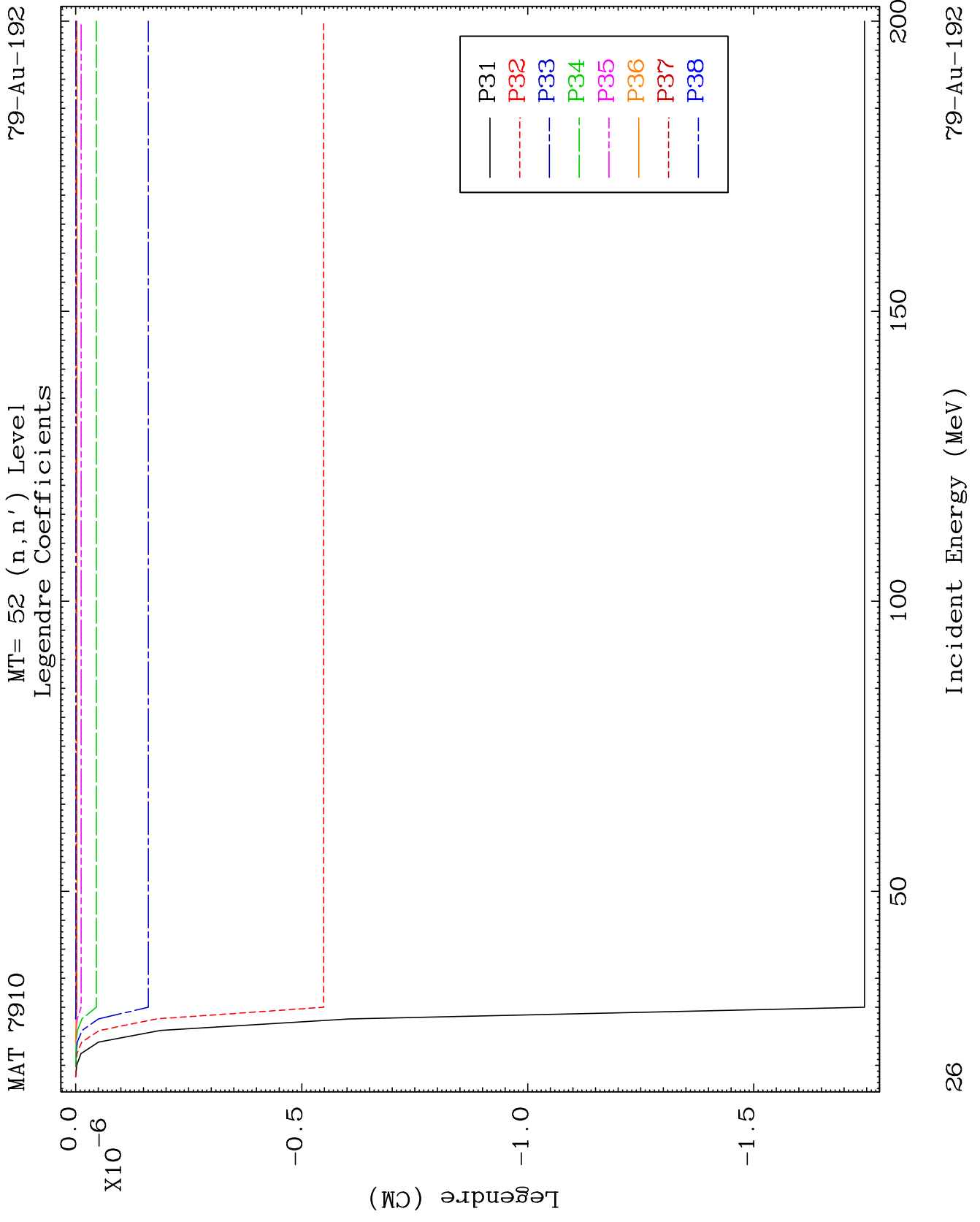


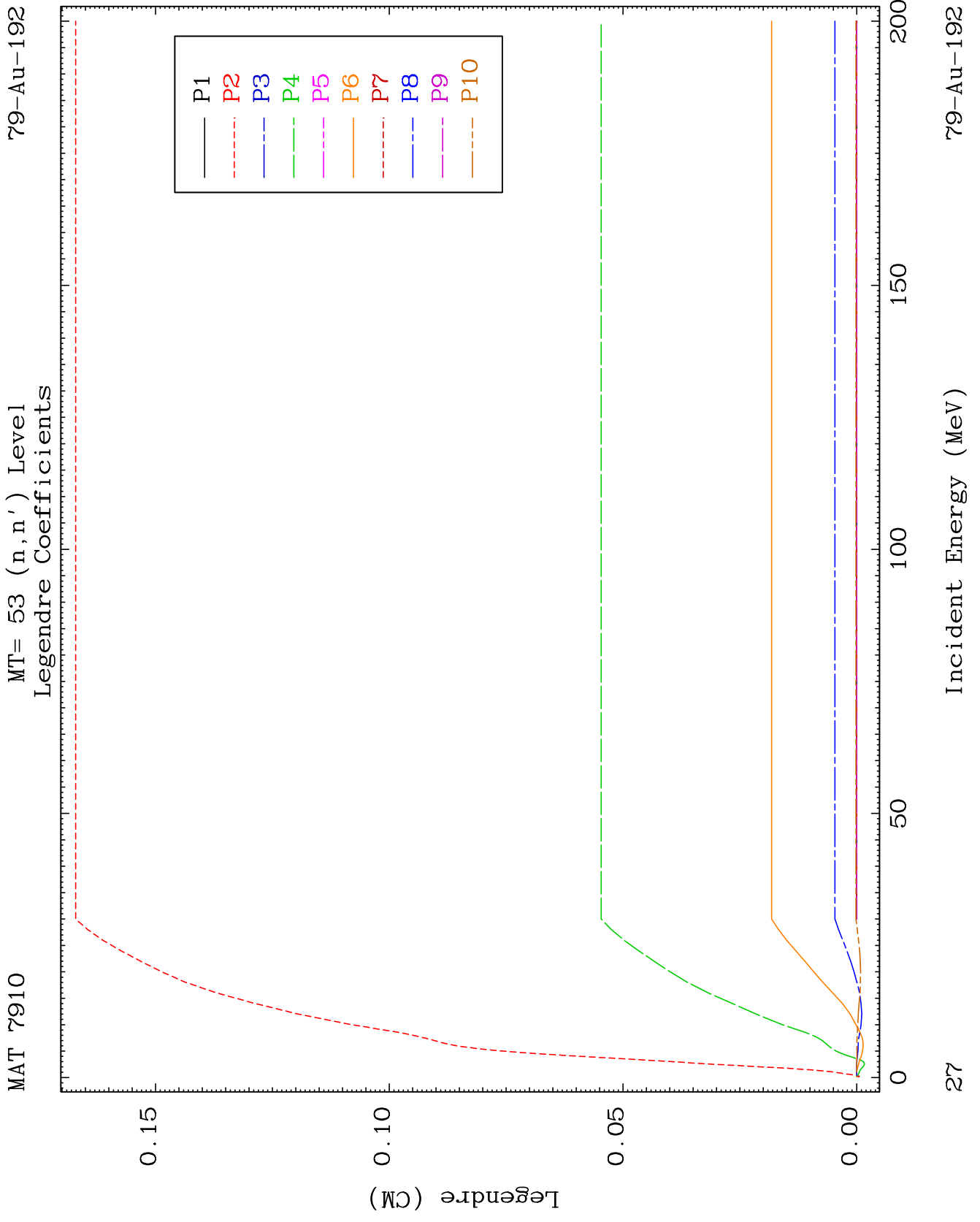
24

Incident Energy (MeV)

79-Au-192



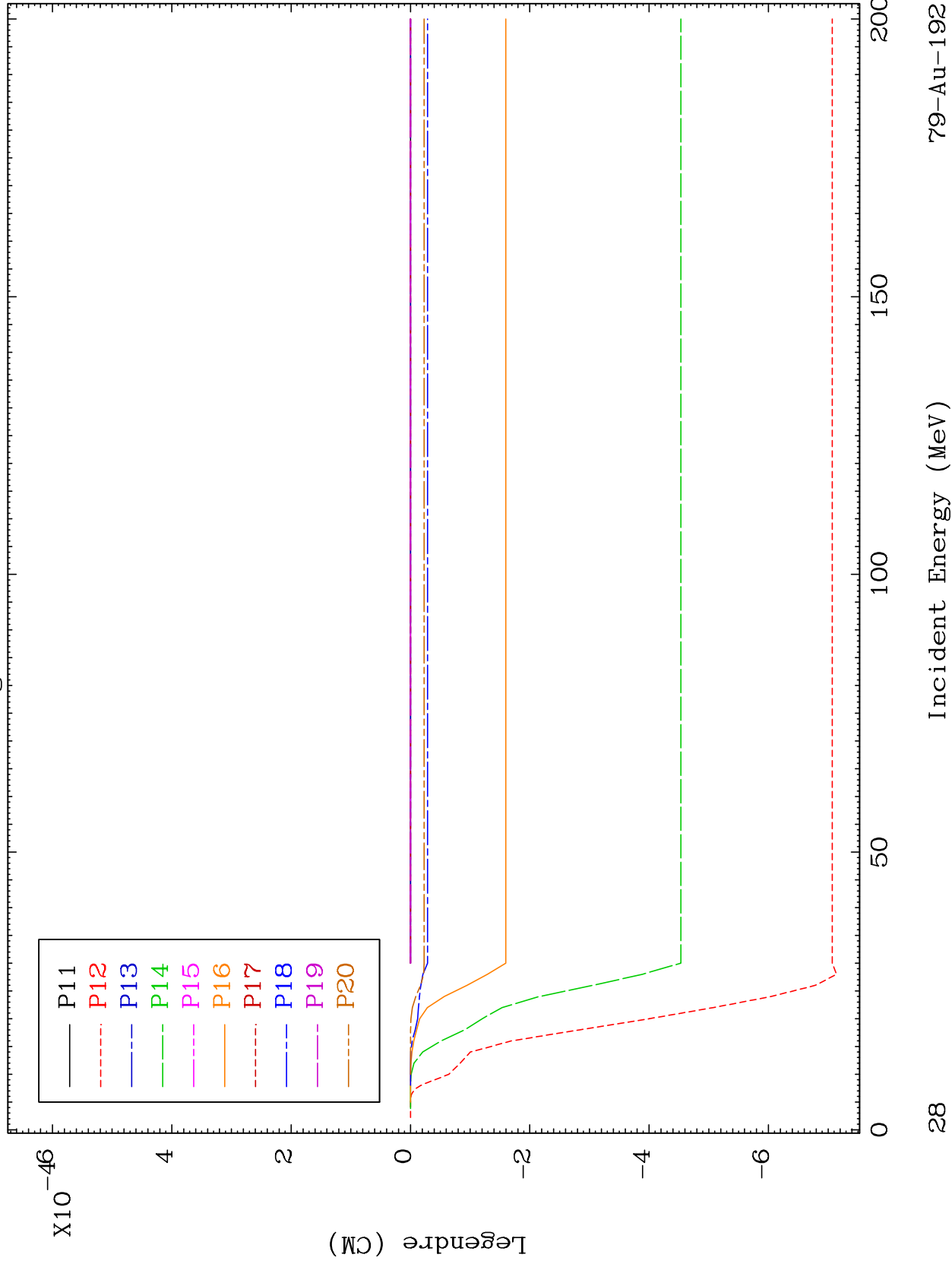




MAT 7910

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

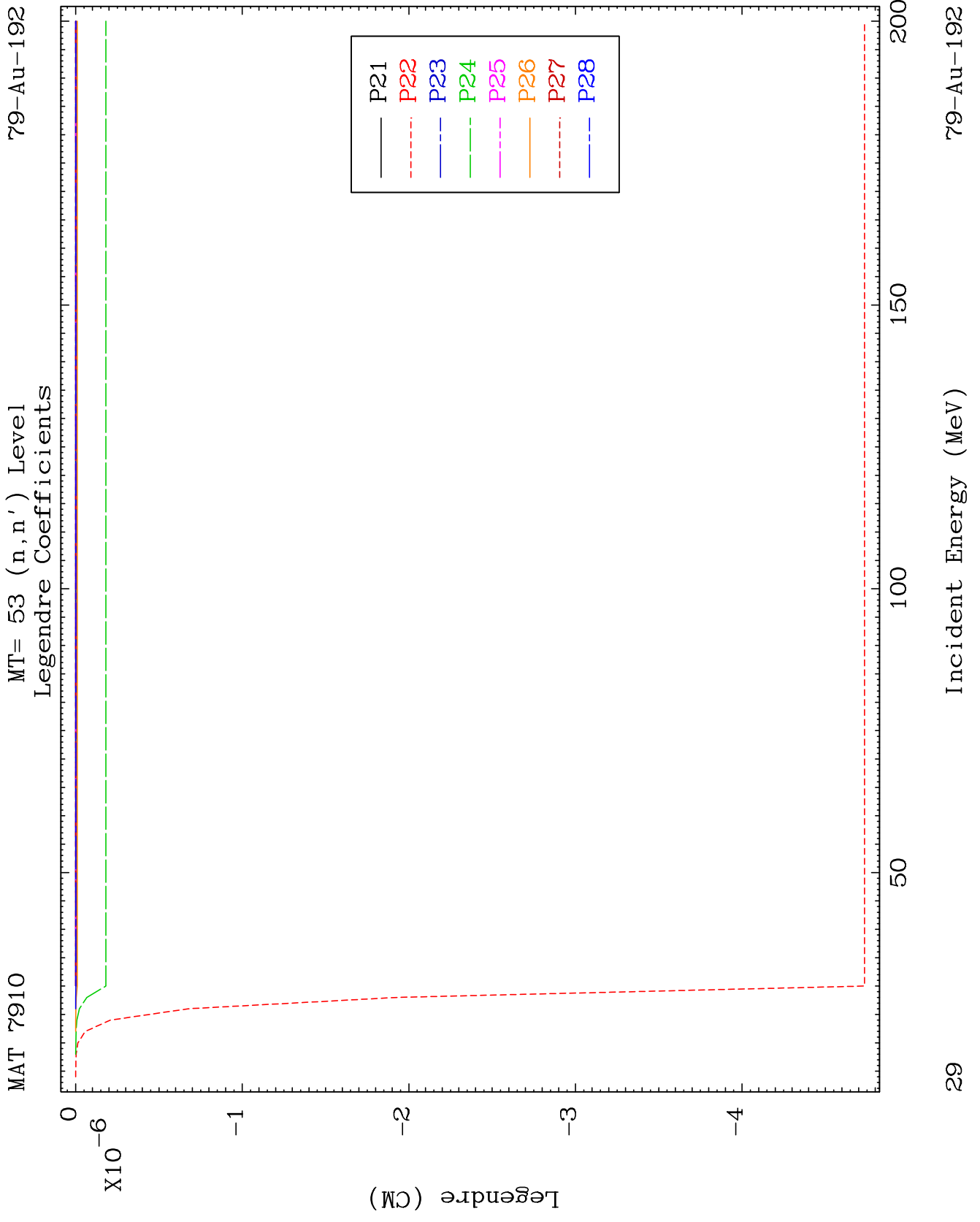
79-Au-192



79-Au-192

Incident Energy (MeV)

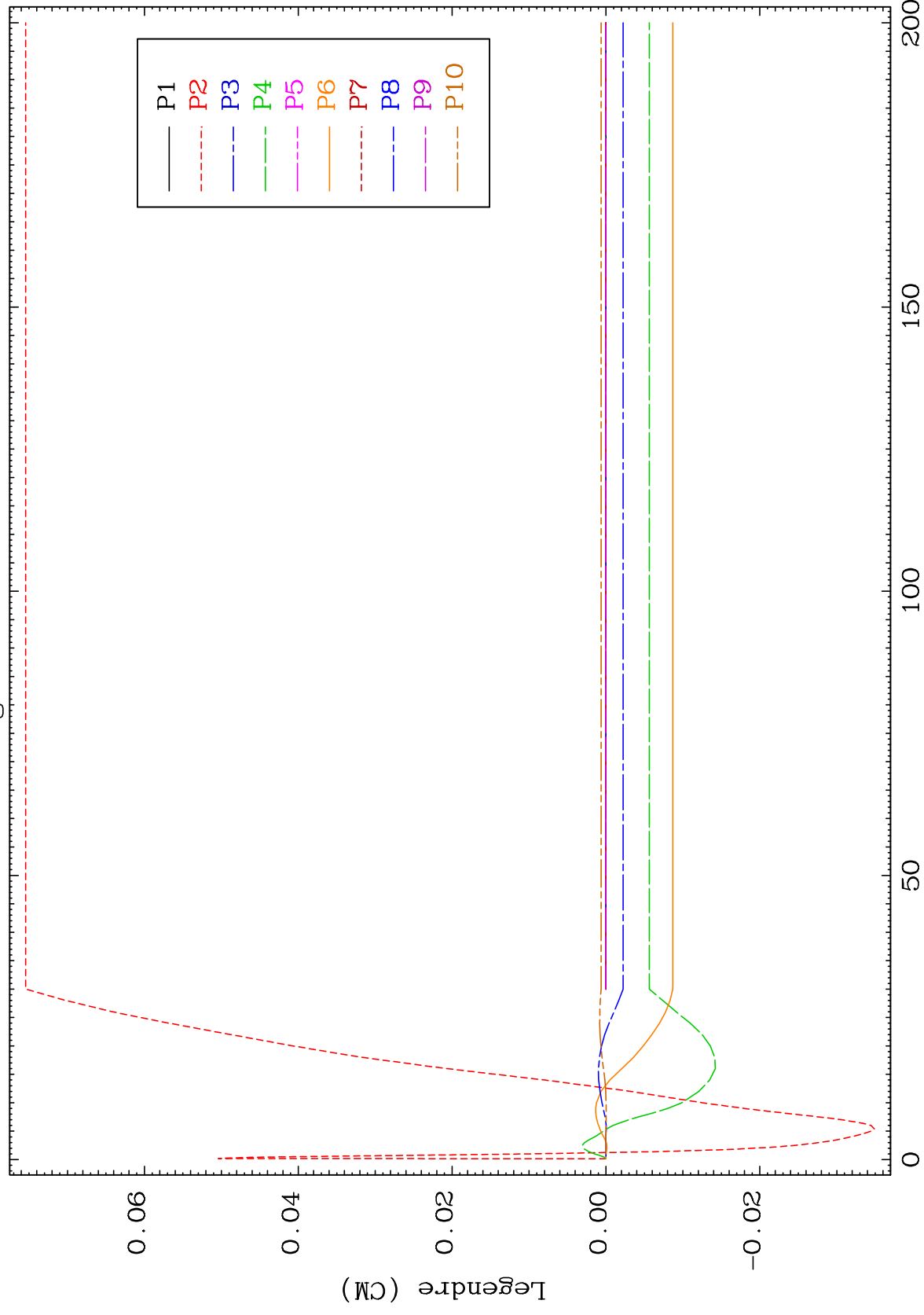
28



MAT 7910

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

79-Au-192



79-Au-192

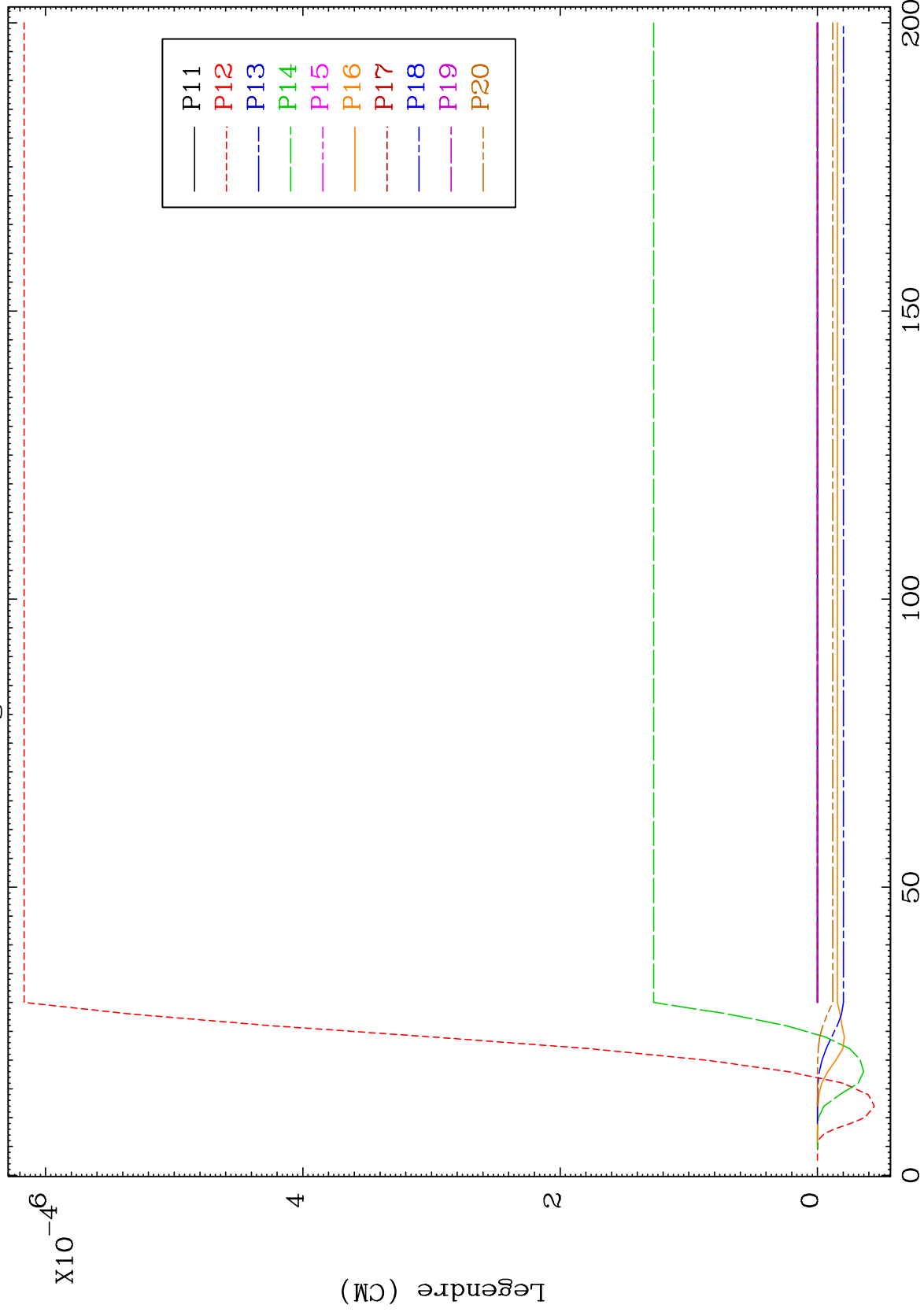
Incident Energy (MeV)

30

MAT 7910

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

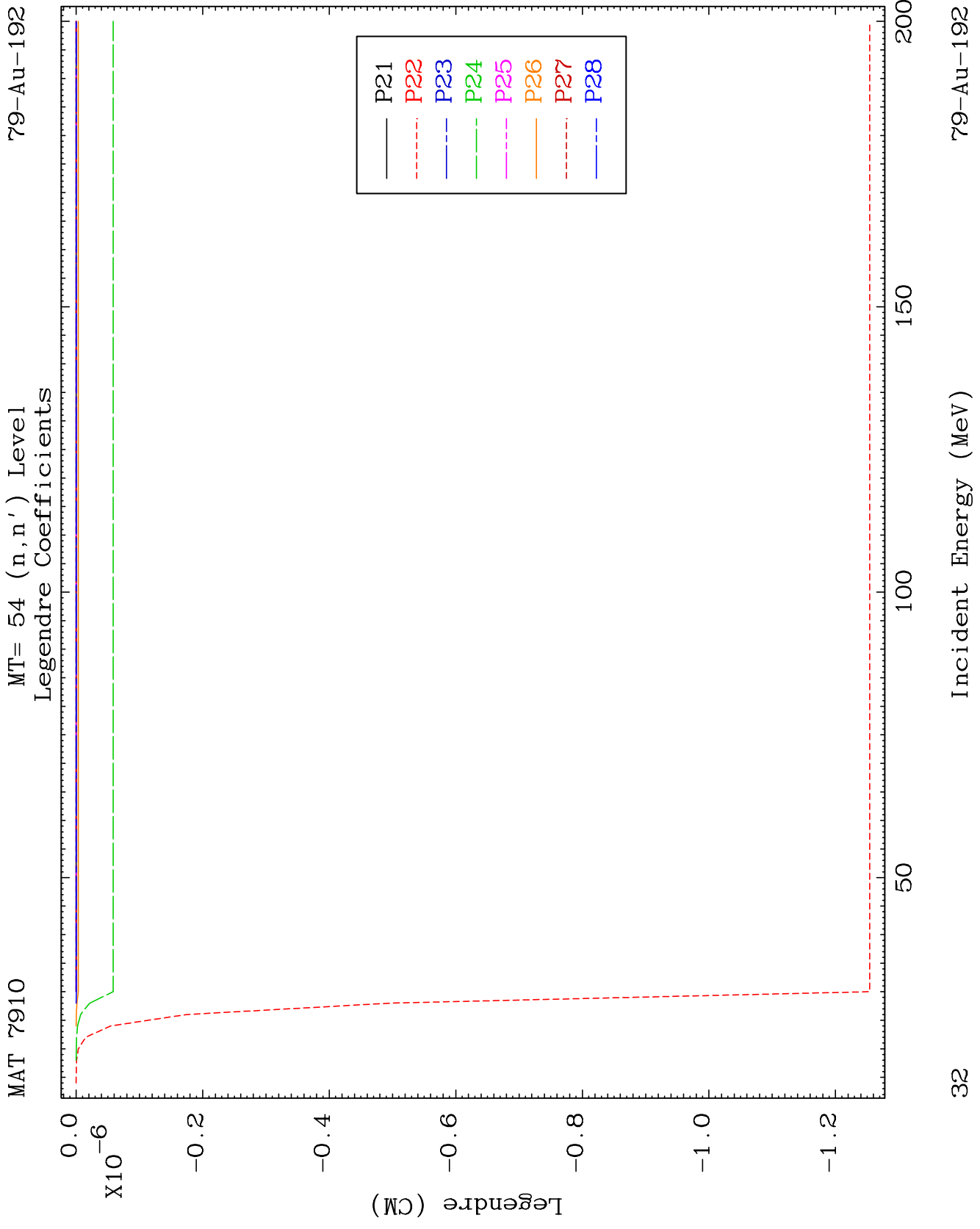
79-Au-192



31

Incident Energy (MeV)

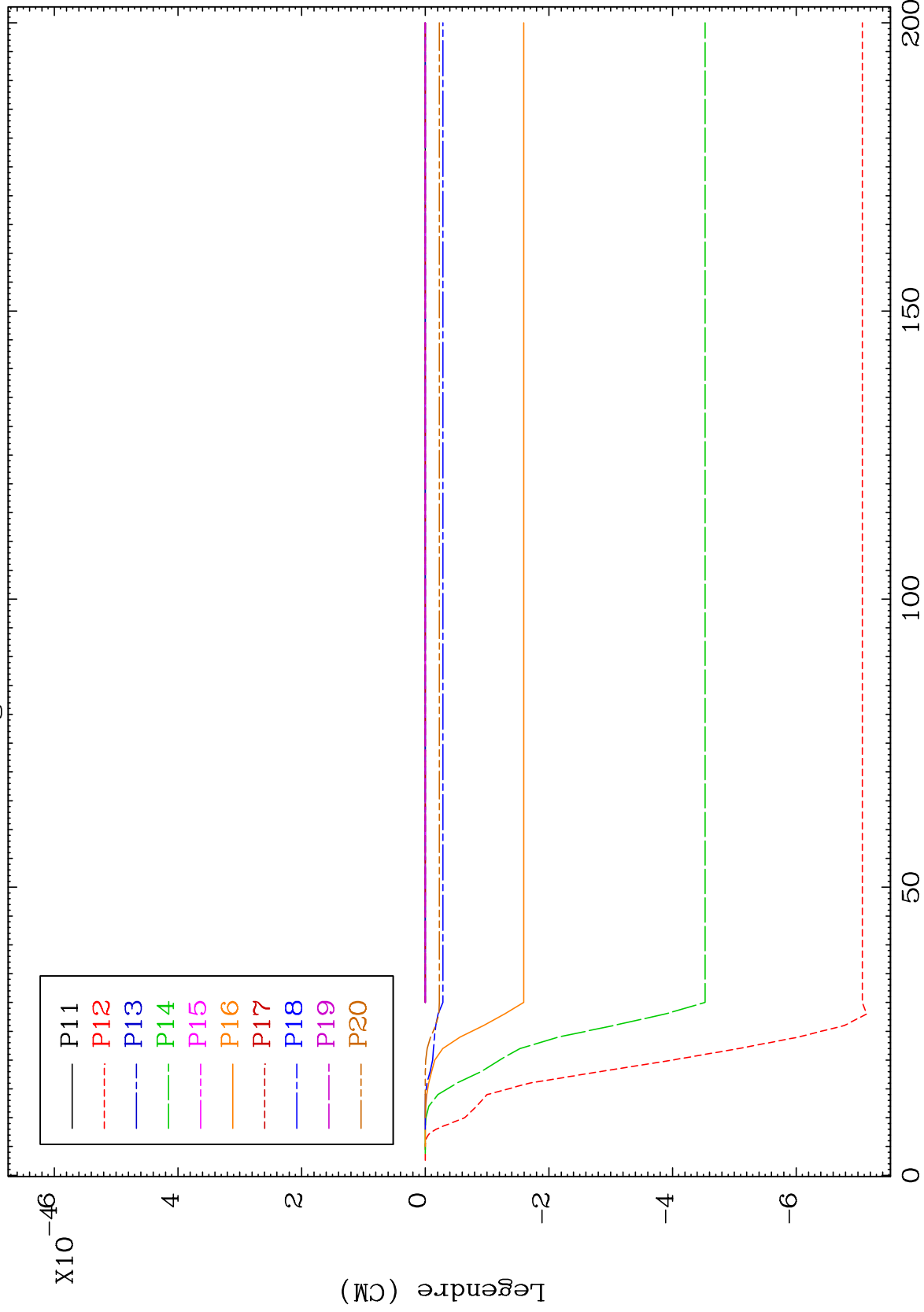
79-Au-192



MAT 7910

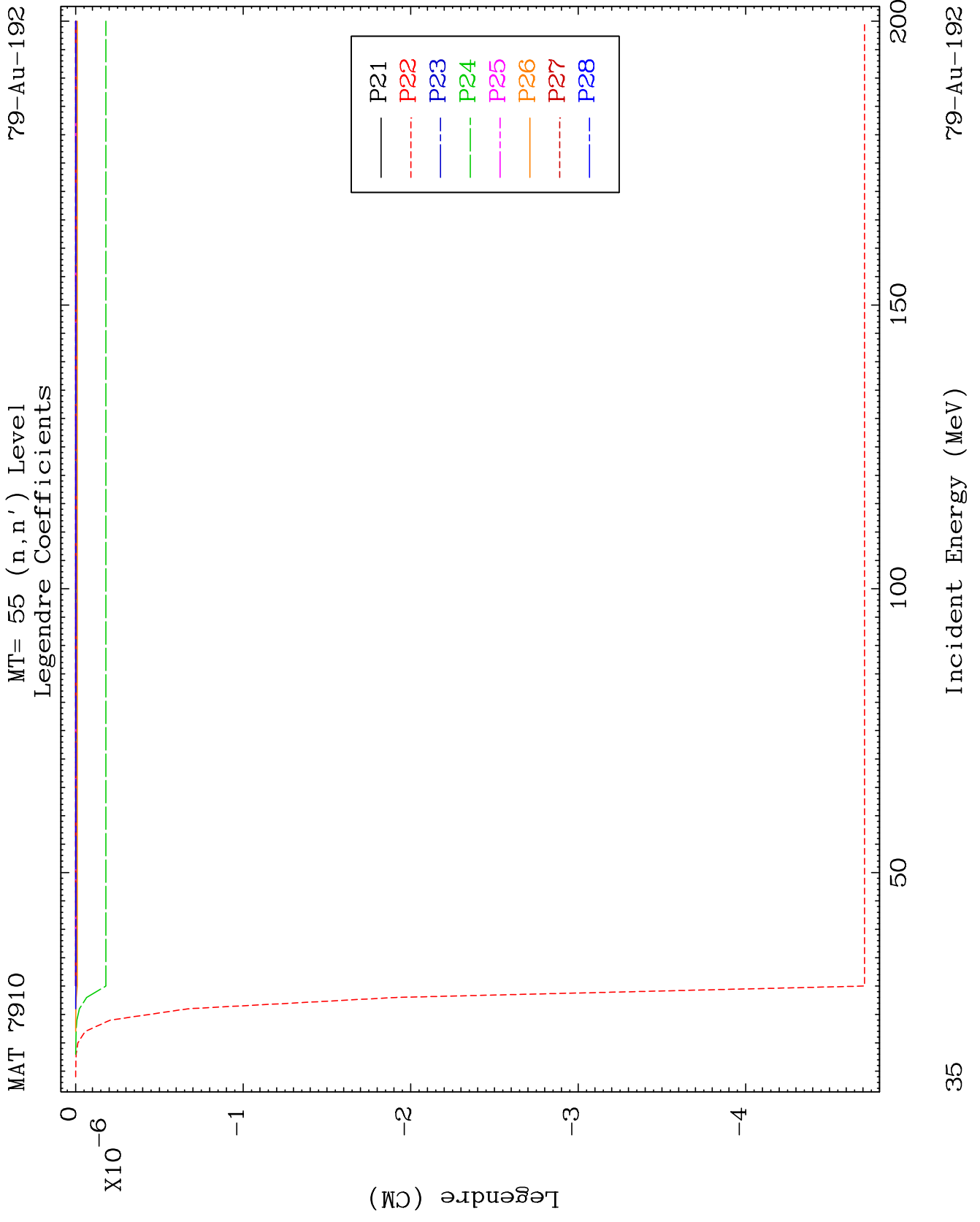
MT= 55 (n,n') Level
Legendre Coefficients

79-Au-192



34

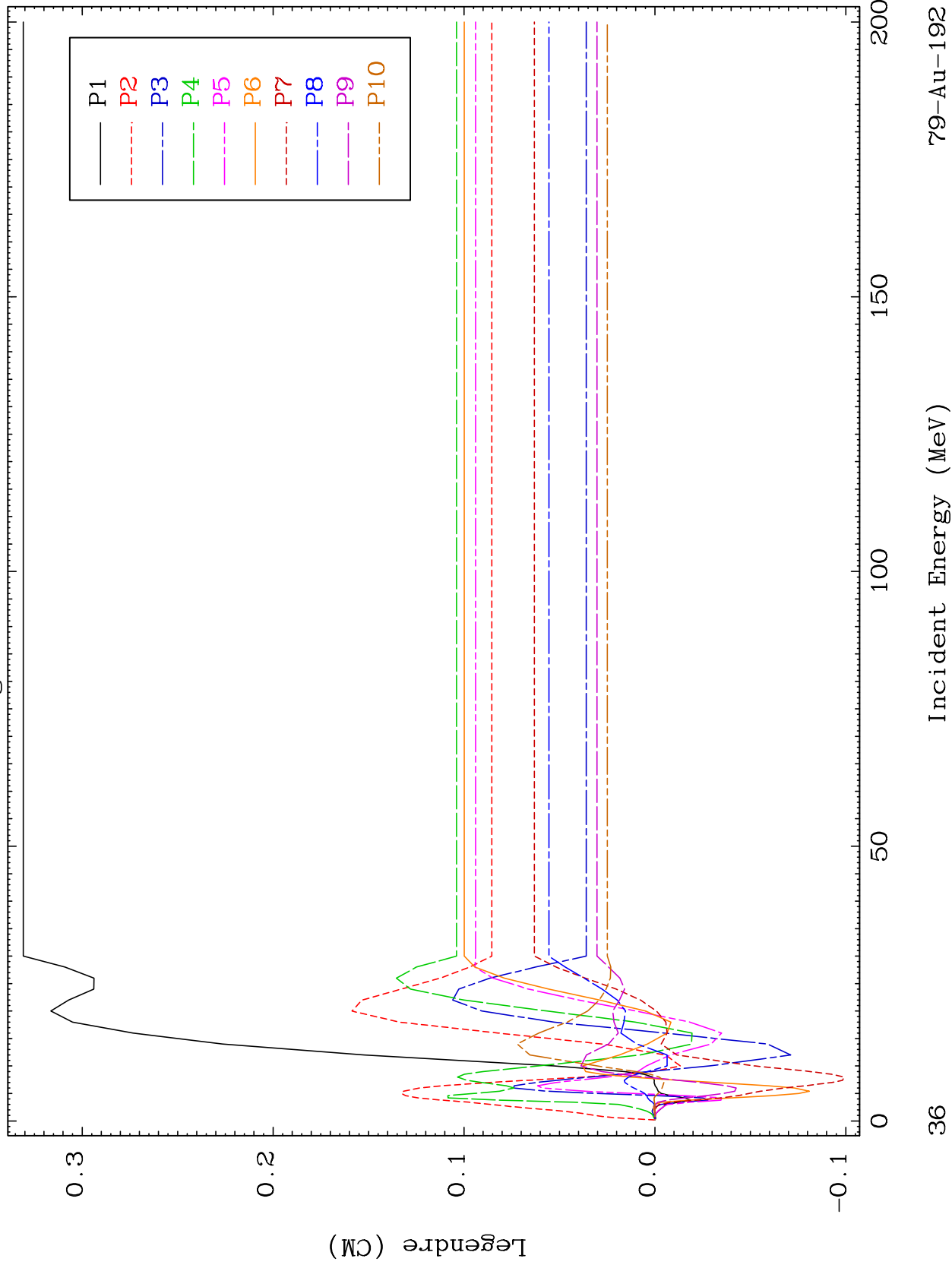
79-Au-192



MAT 7910

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

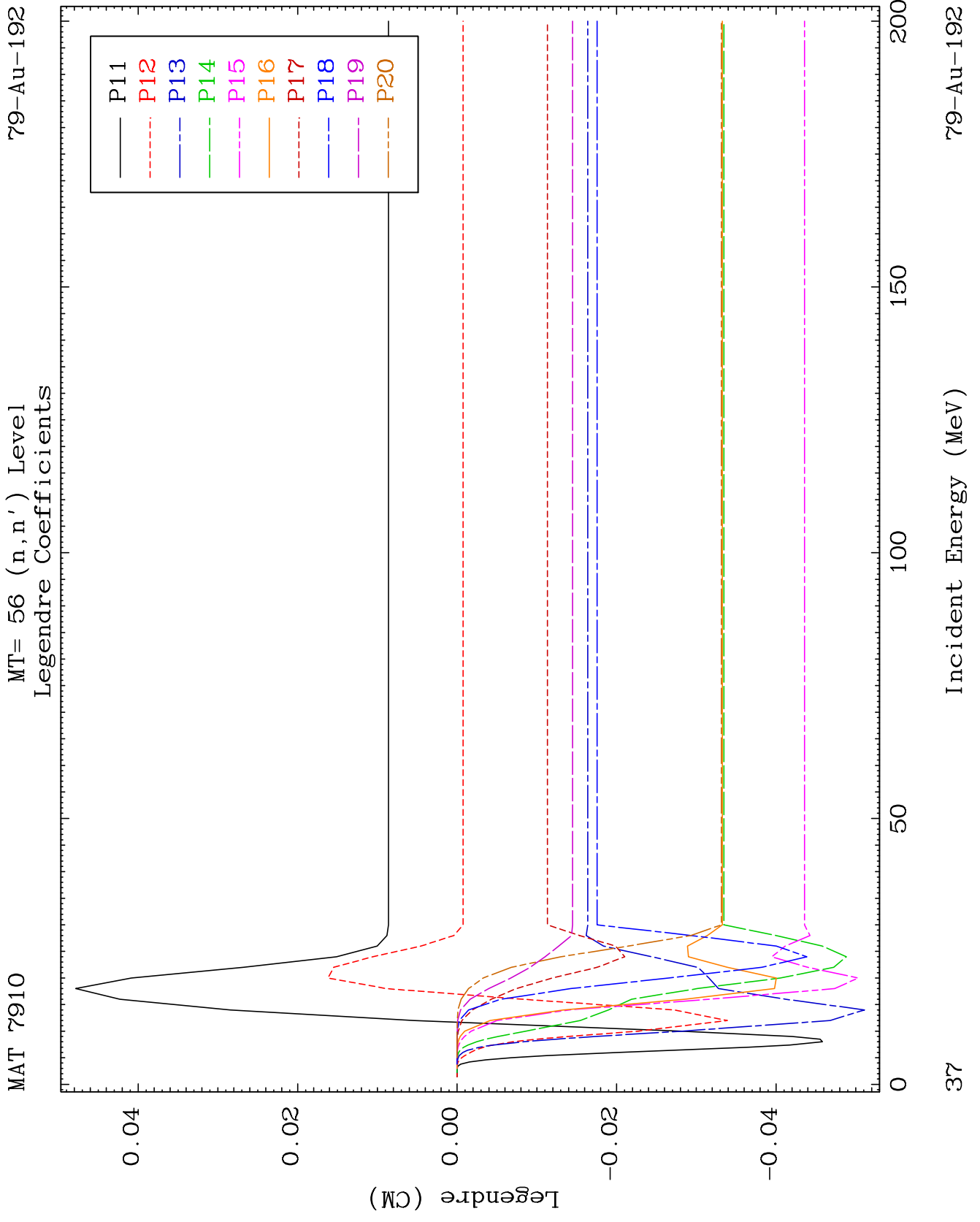
79-Au-192



79-Au-192

Incident Energy (MeV)

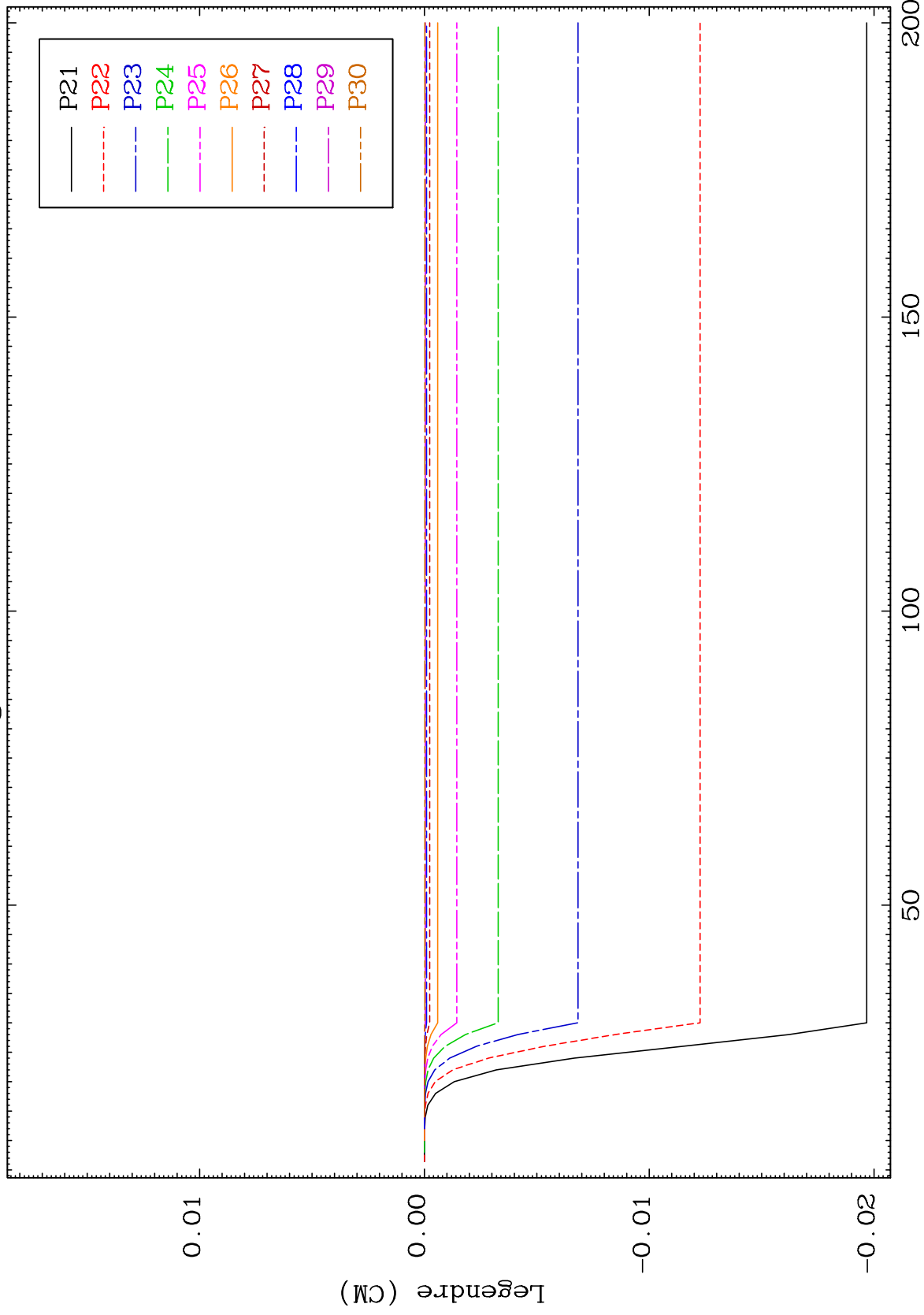
36



MAT 7910

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

79-Au-192



38

Incident Energy (MeV)

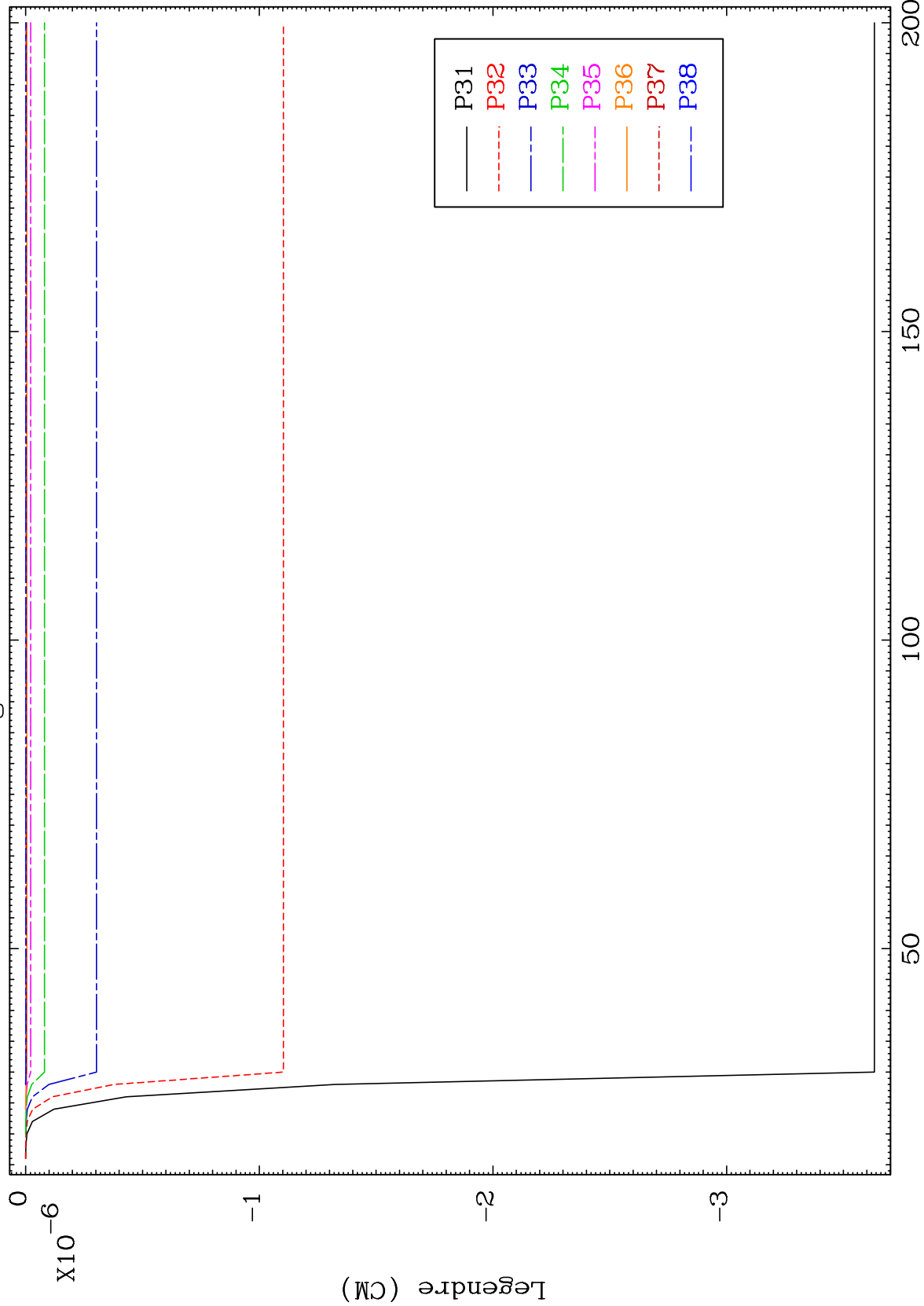
79-Au-192

MAT 7910

MT= 56 (n,n') Level

79-Au-192

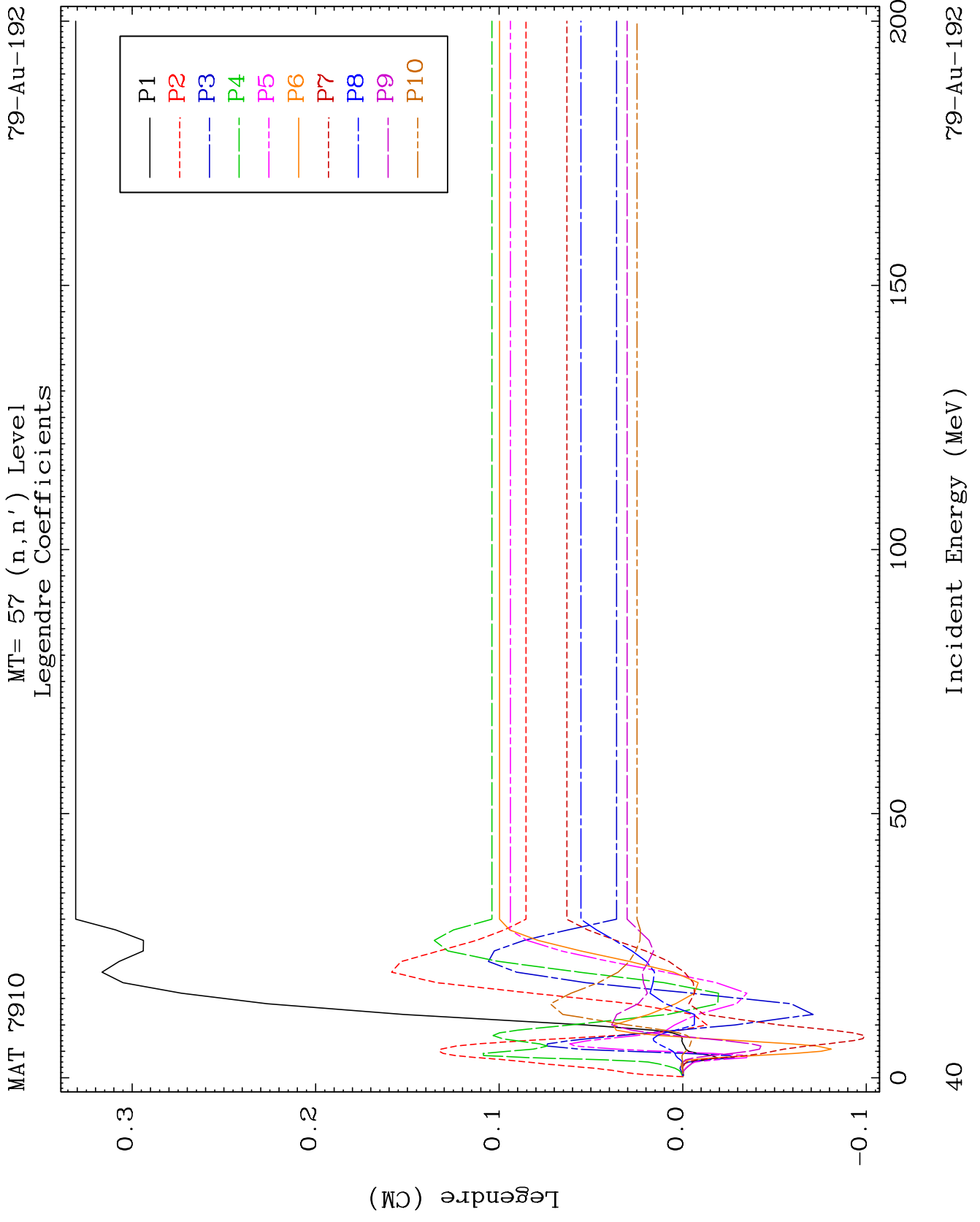
Legendre Coefficients

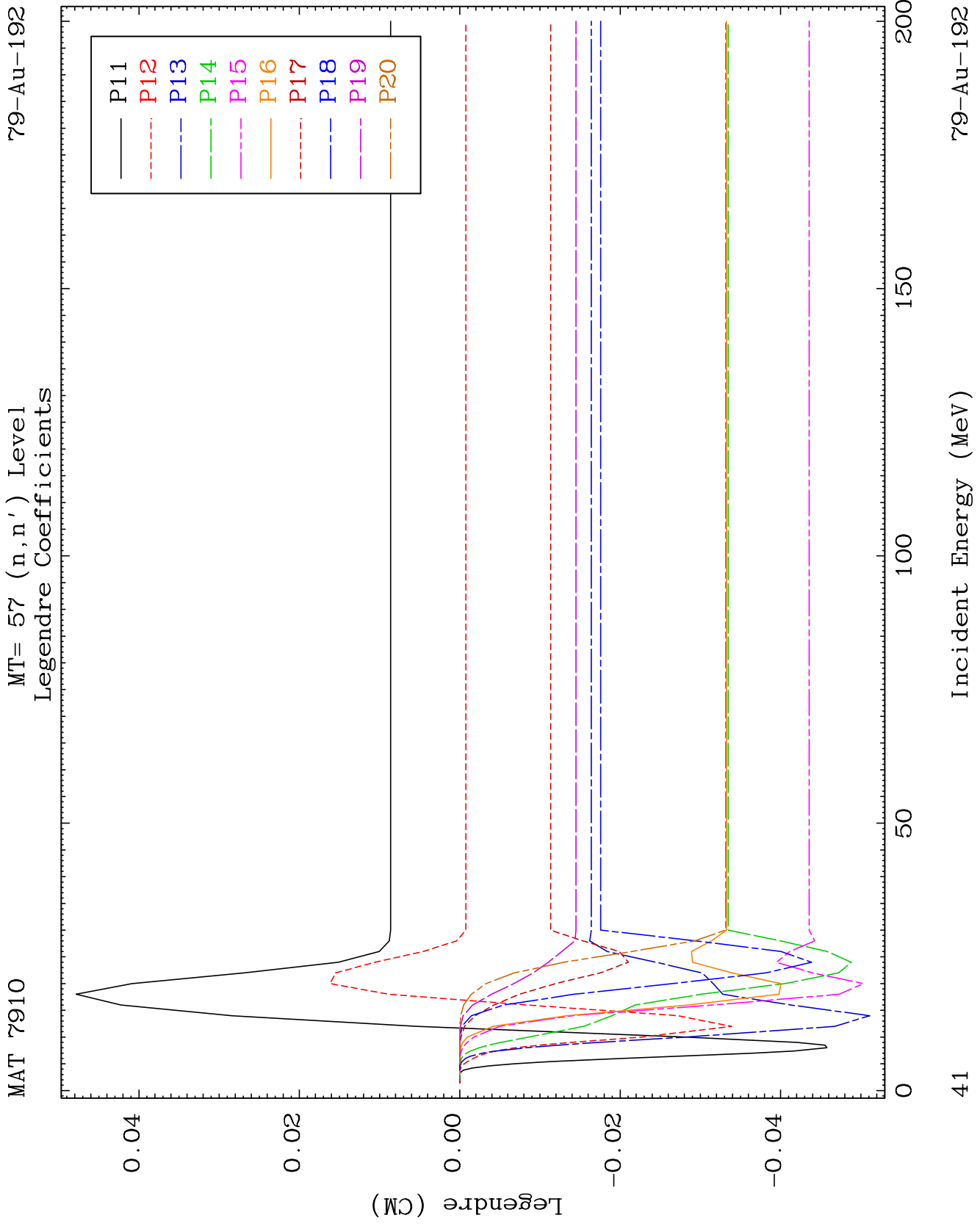


39

Incident Energy (MeV)

79-Au-192

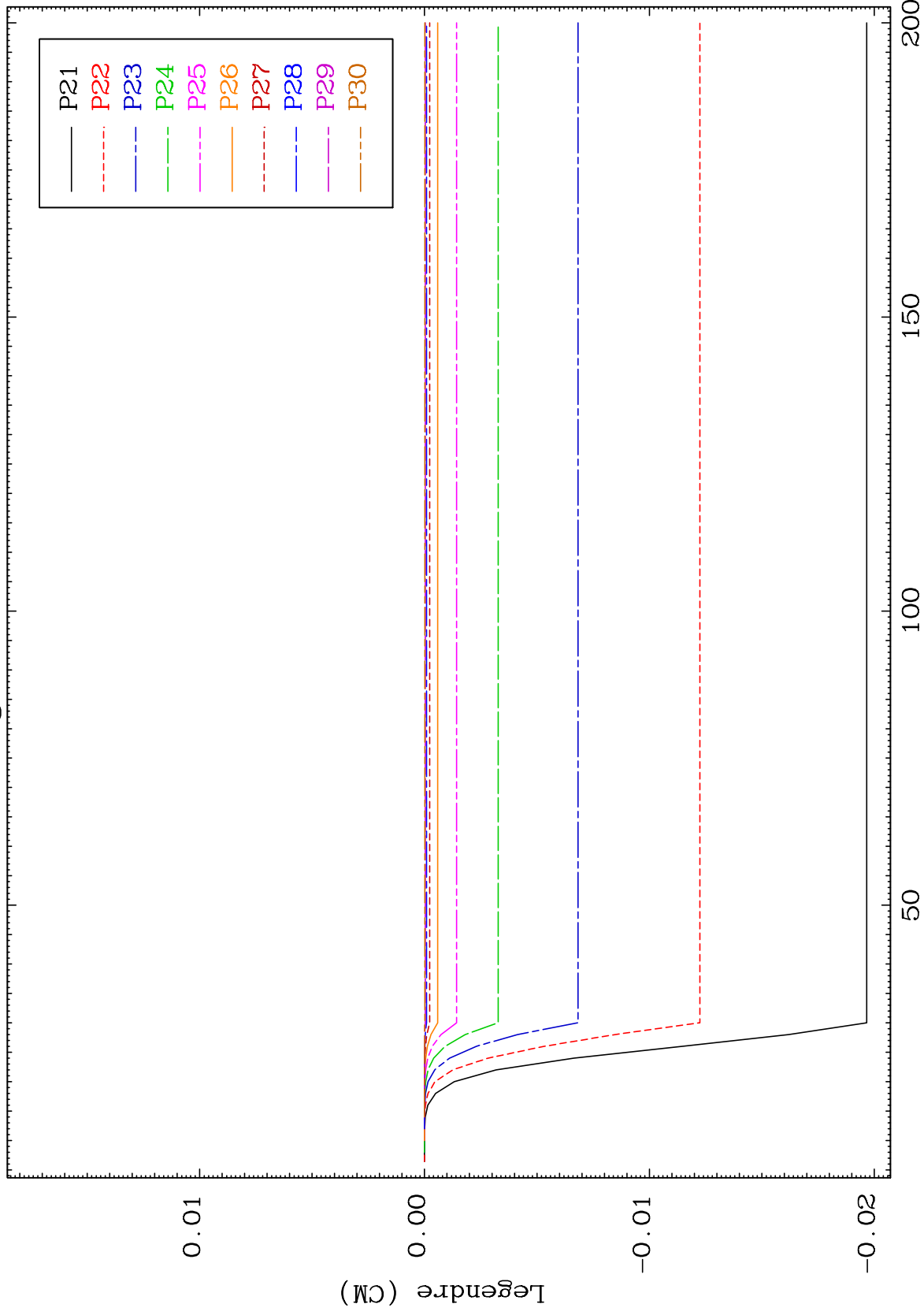




MAT 7910

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

79-Au-192



42

Incident Energy (MeV)

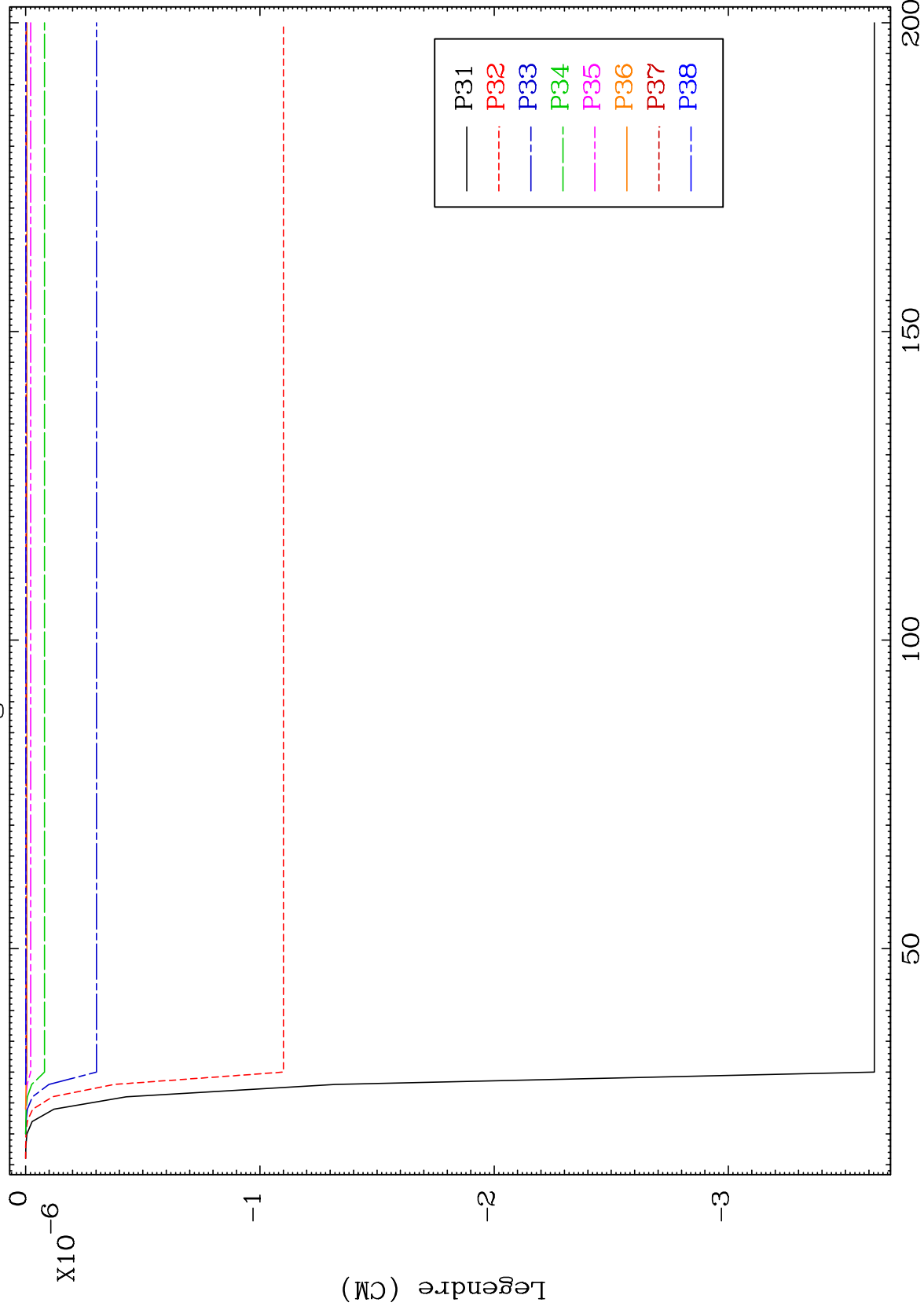
79-Au-192

MAT 7910

MT= 57 (n,n') Level

79-Au-192

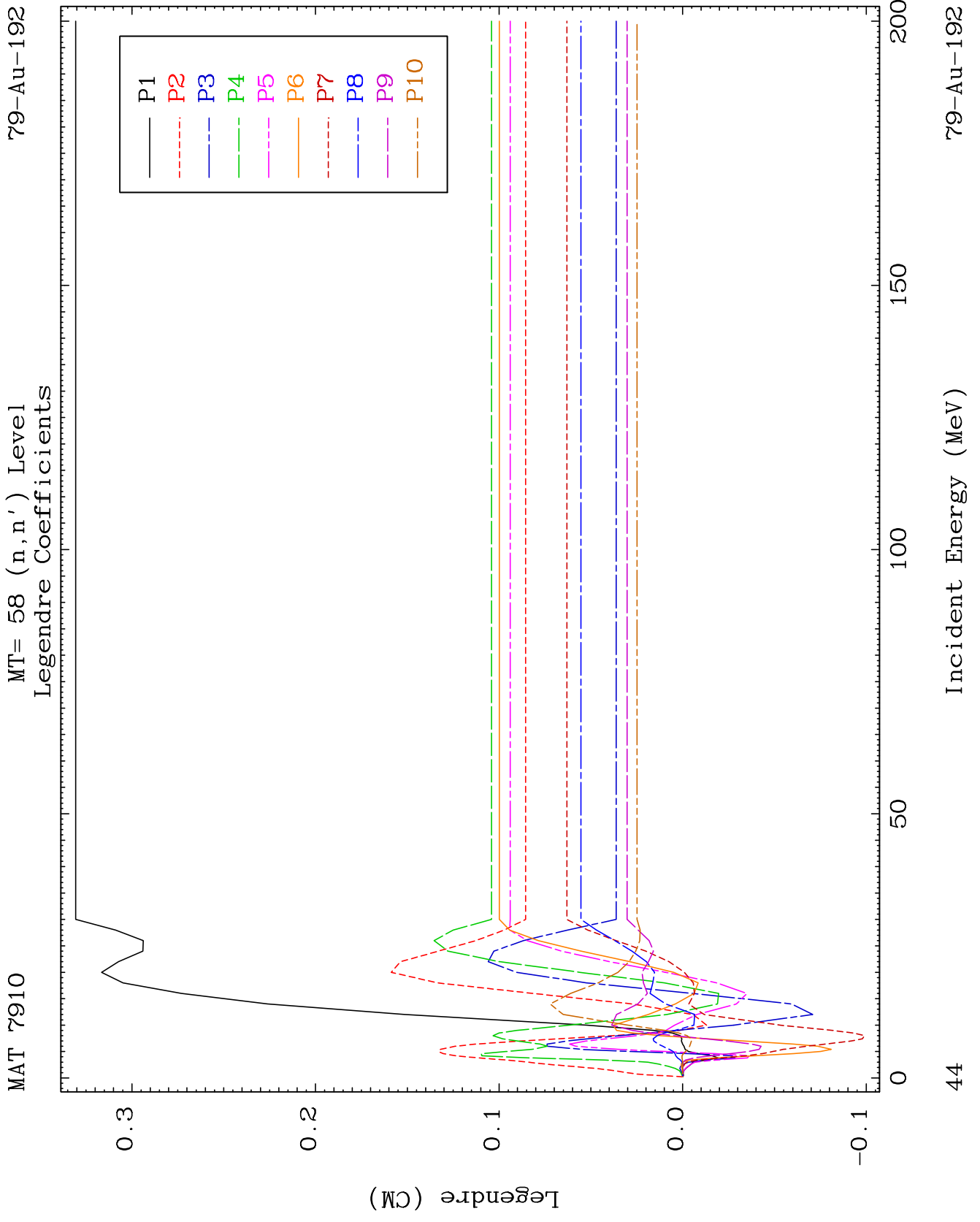
Legendre Coefficients

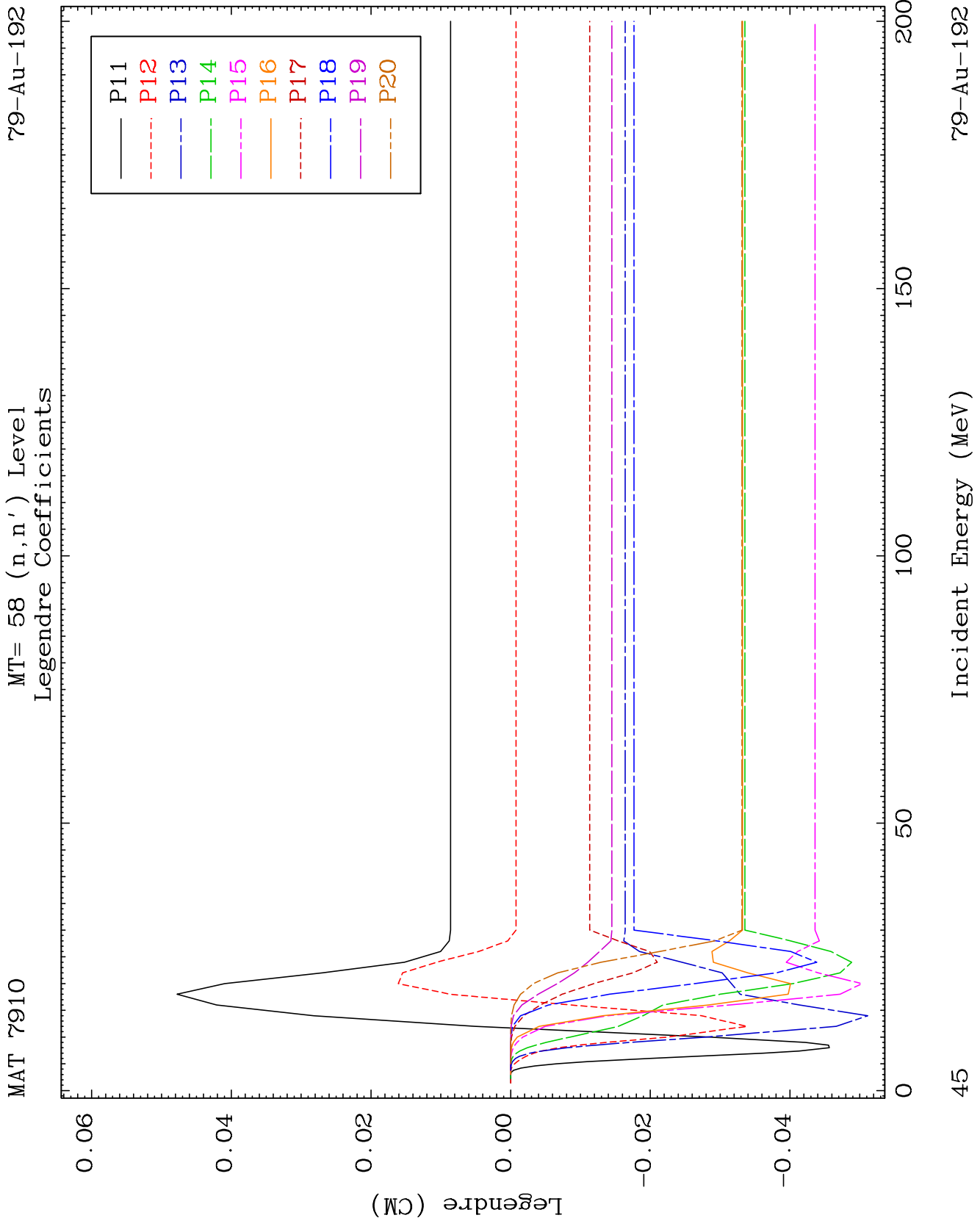


43

Incident Energy (MeV)

79-Au-192

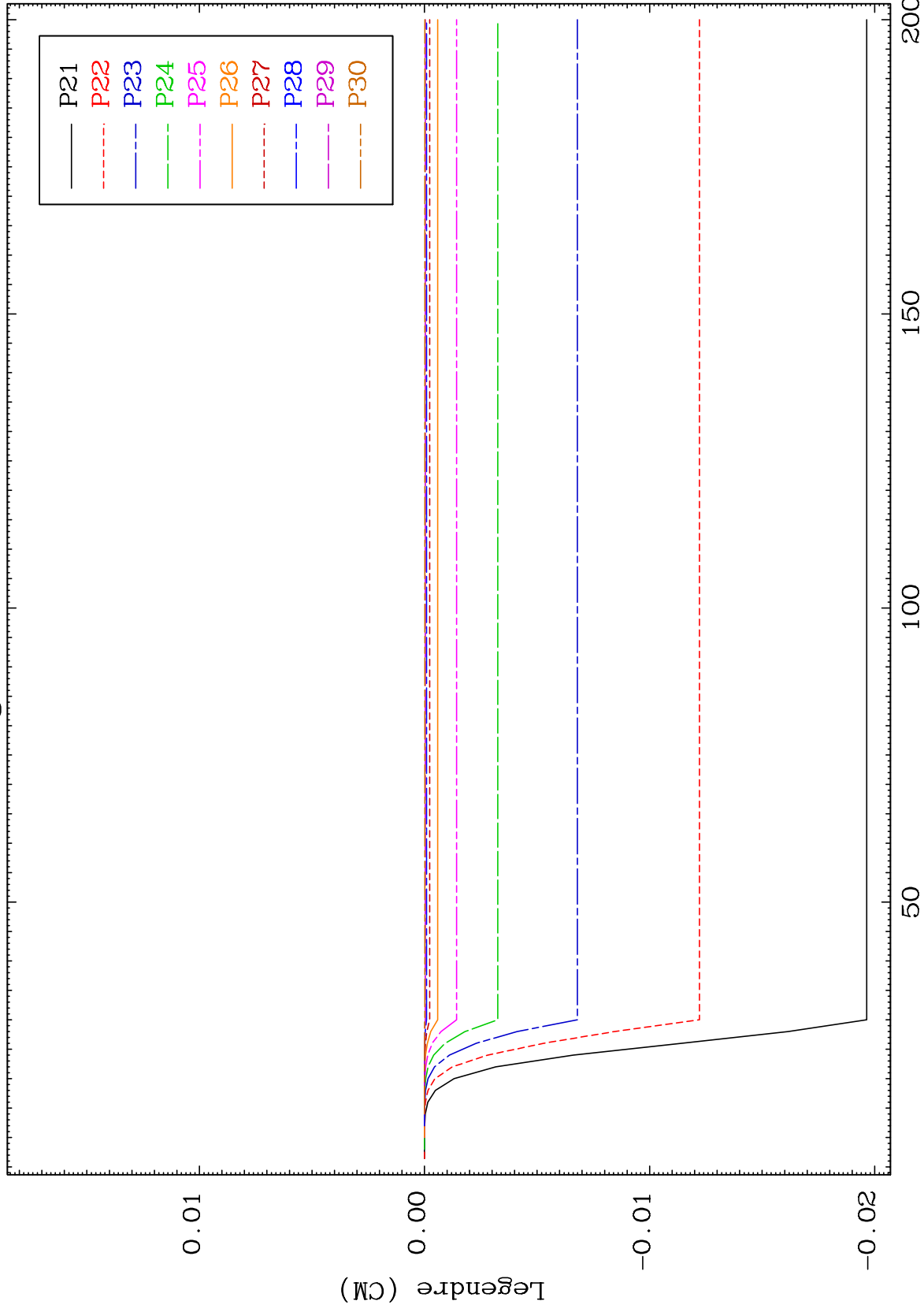




MAT 7910

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

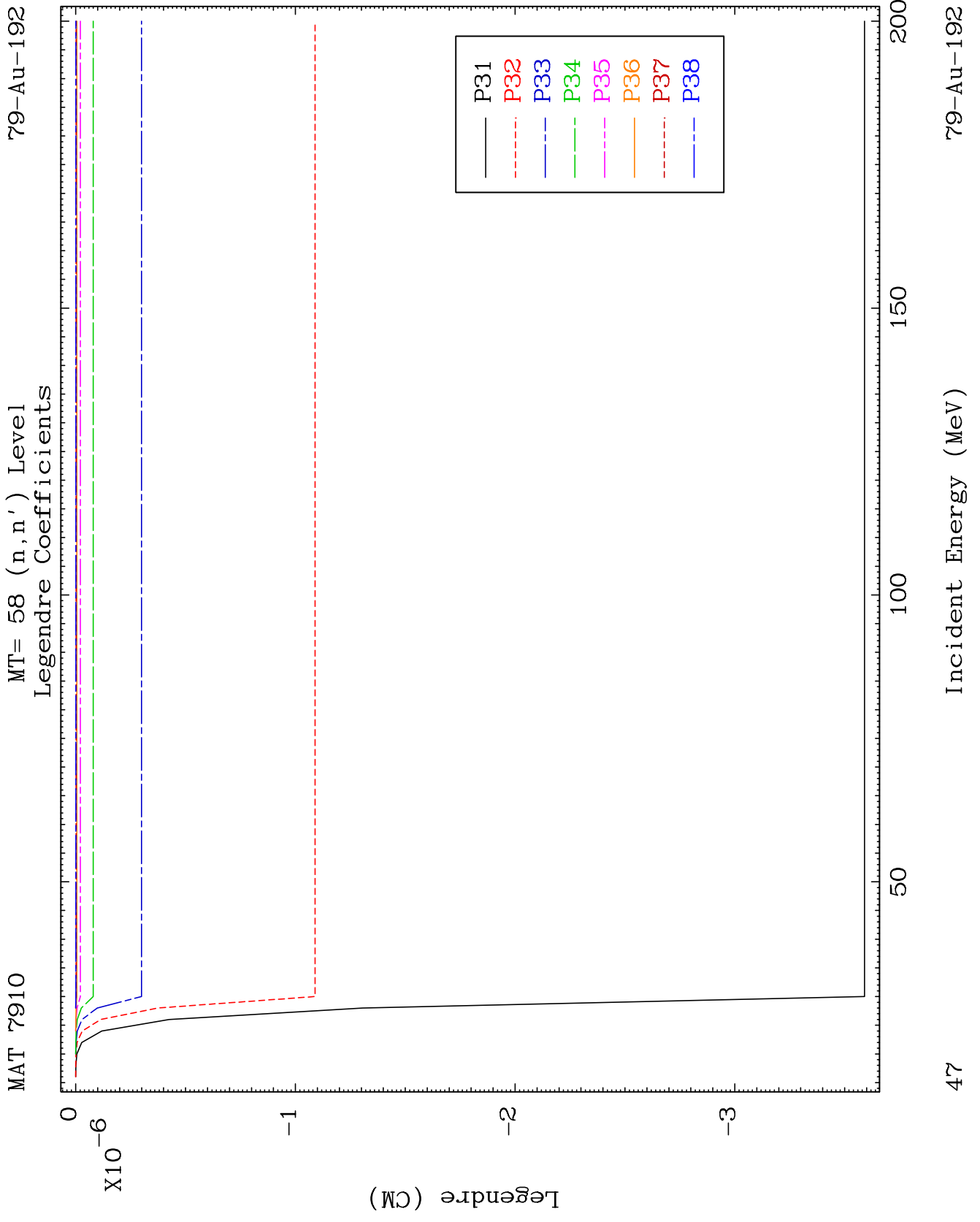
79-Au-192



46

Incident Energy (MeV)

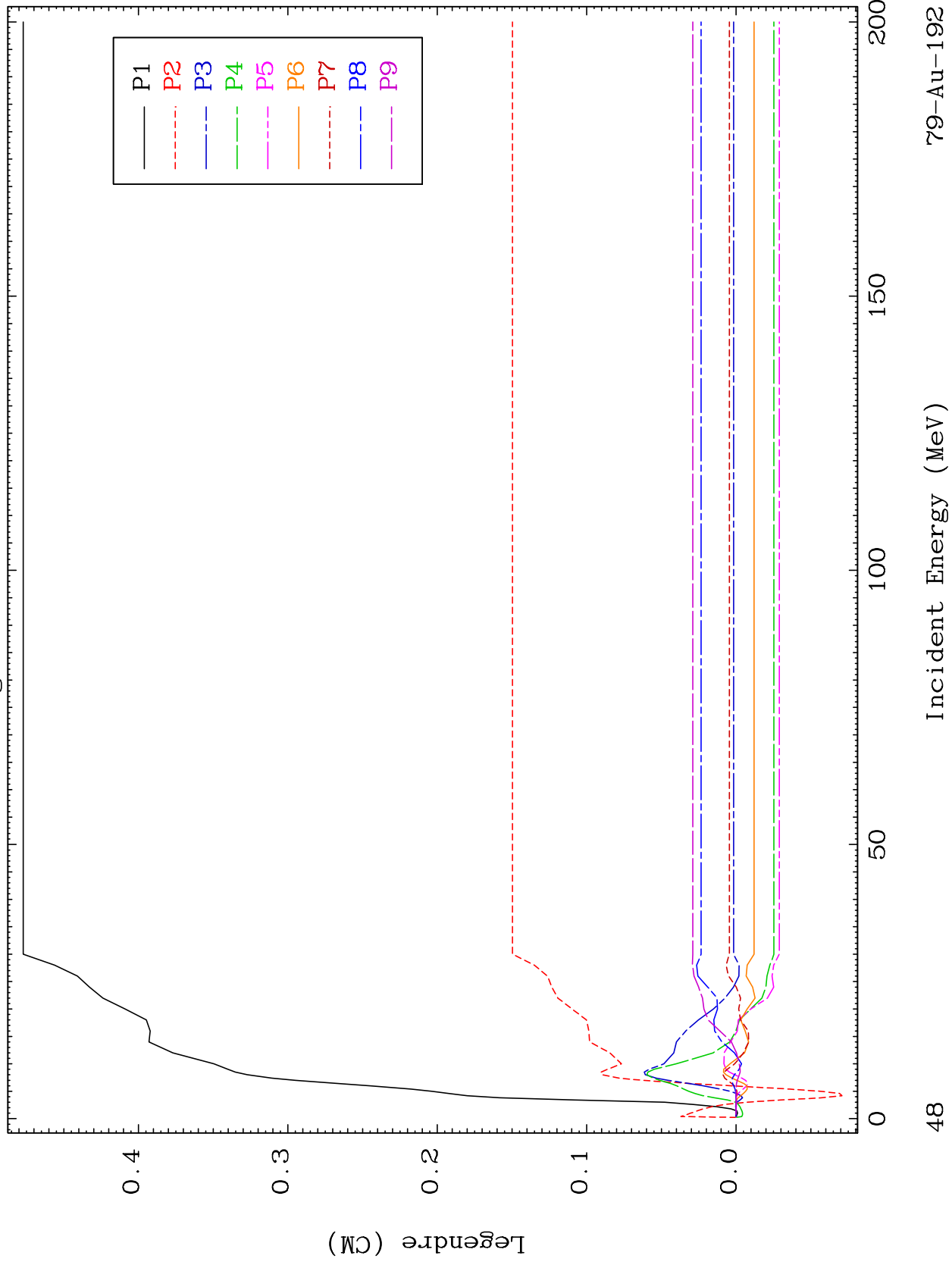
79-Au-192



MAT 7910

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

79-Au-192



79-Au-192

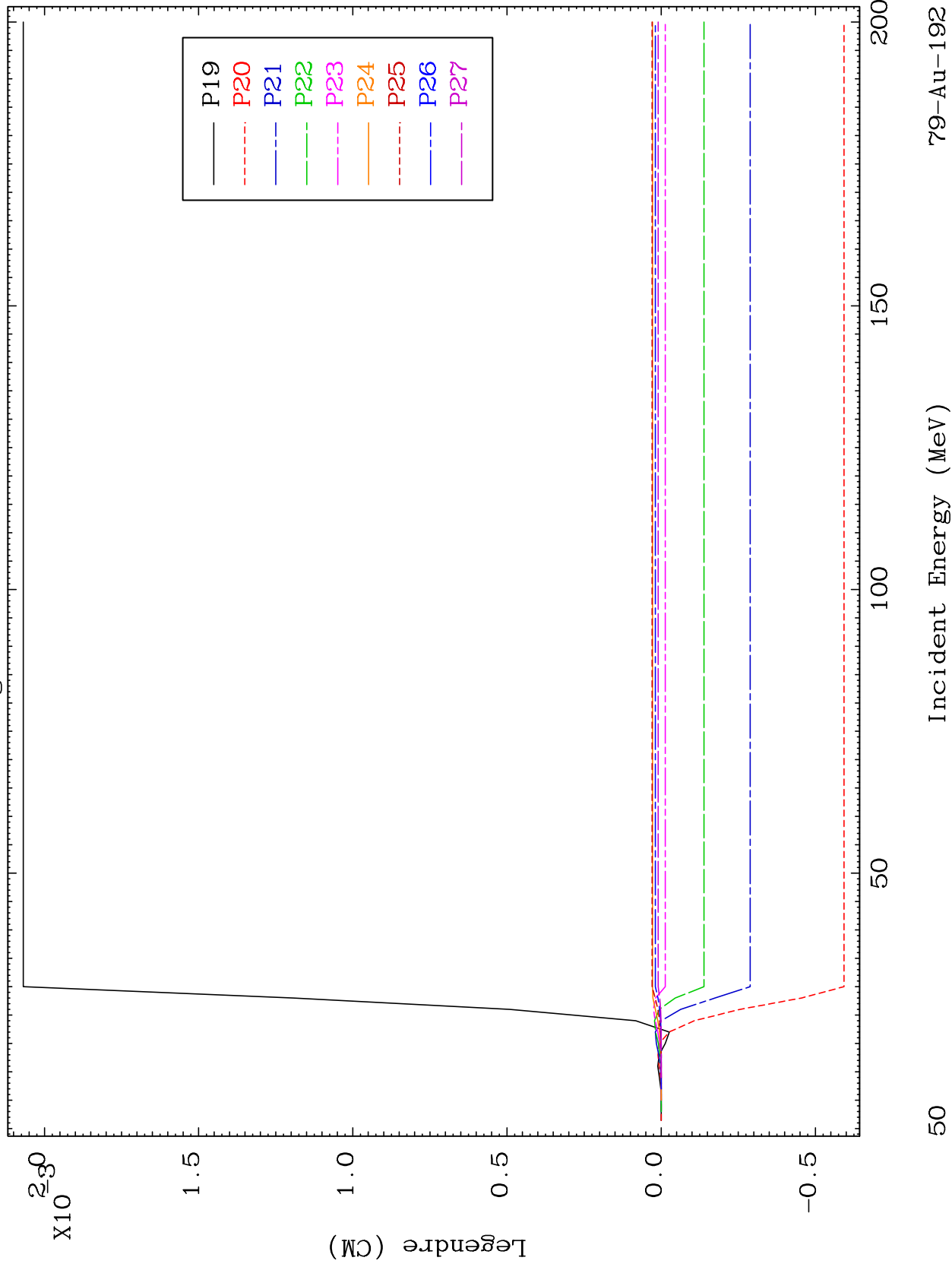
Incident Energy (MeV)

48

MAT 7910

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

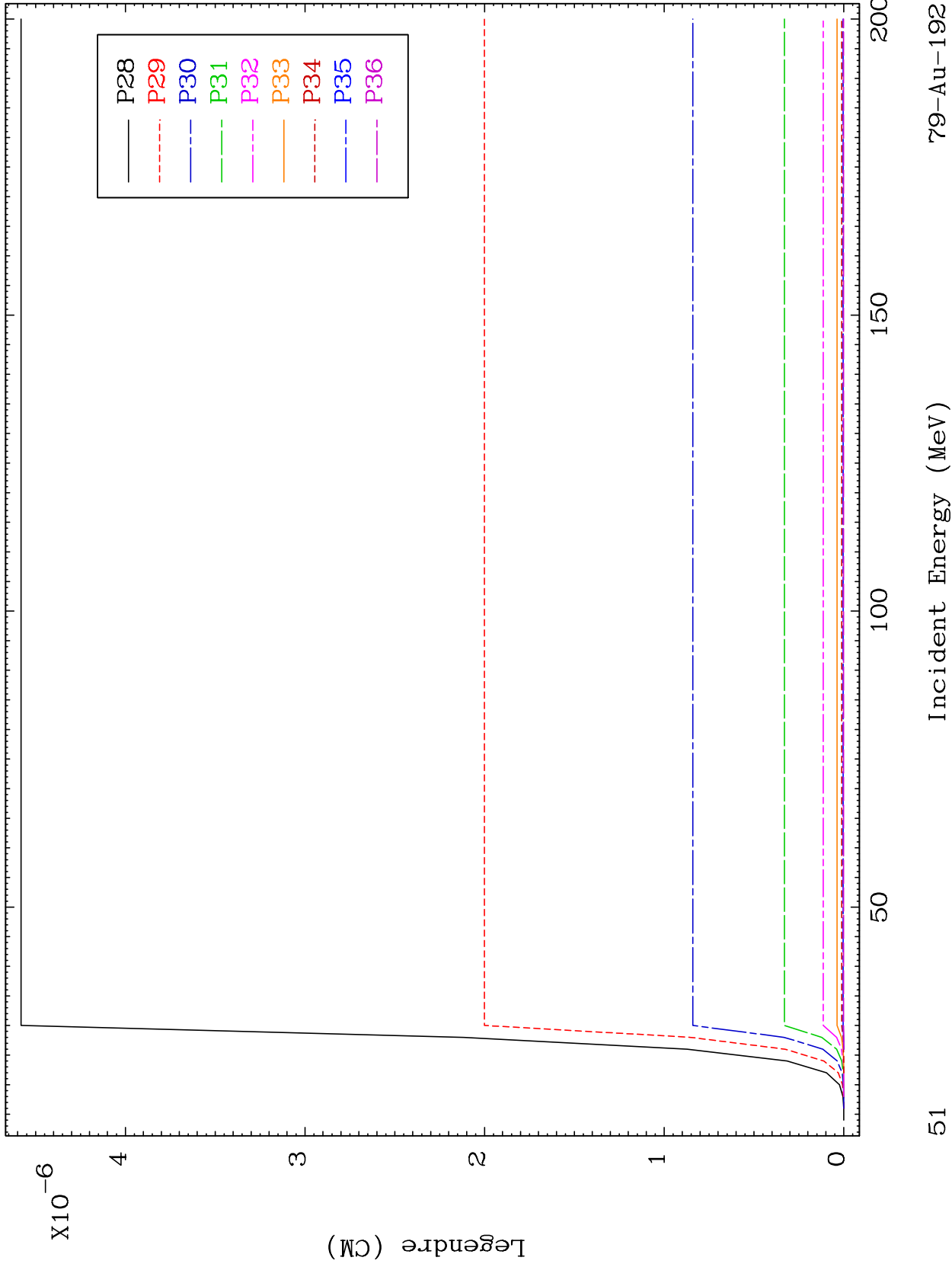
79-Au-192



MAT 7910

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

79-Au-192



51

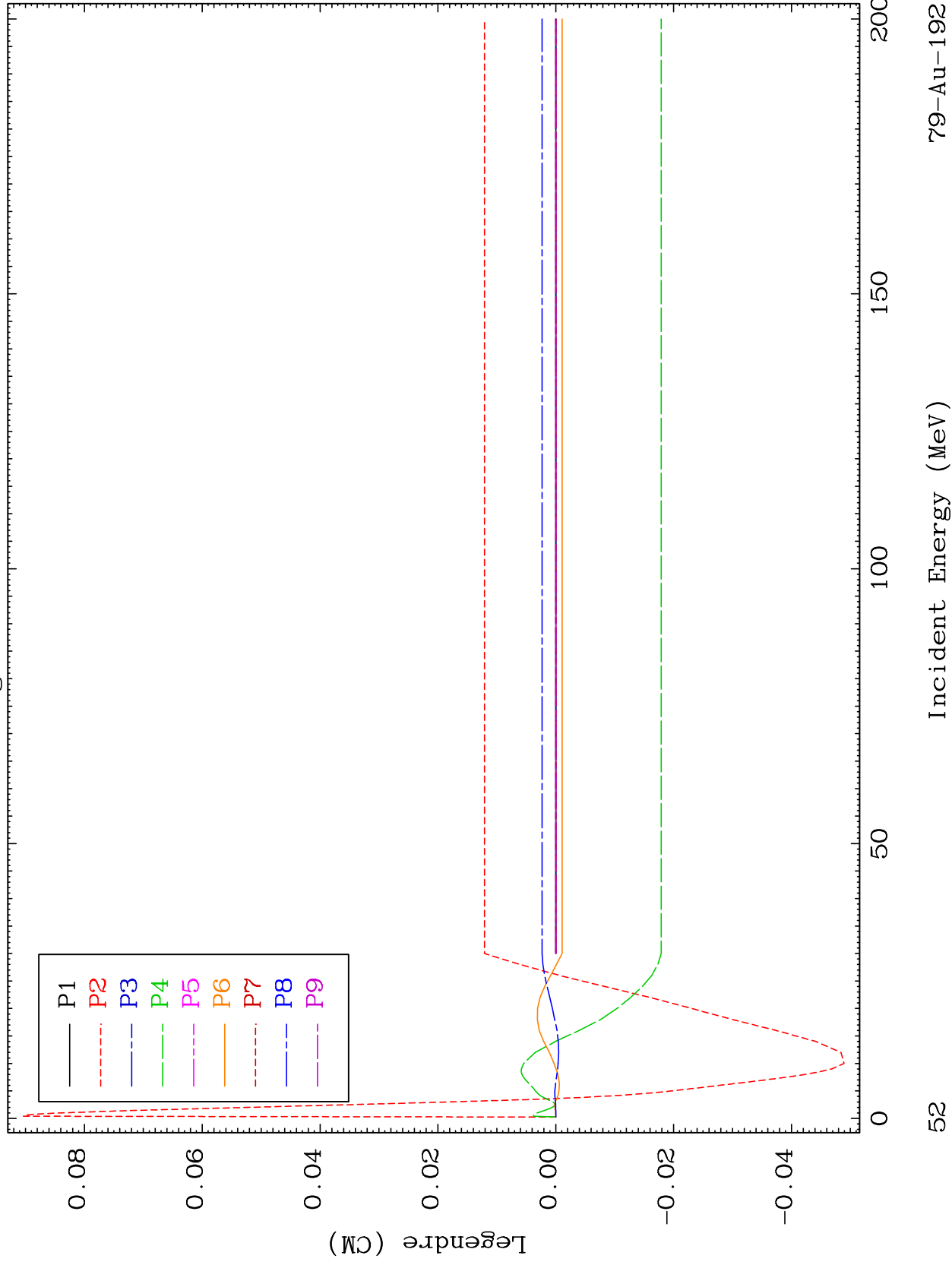
Incident Energy (MeV)

79-Au-192

MAT 7910

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

79-Au-192



79-Au-192

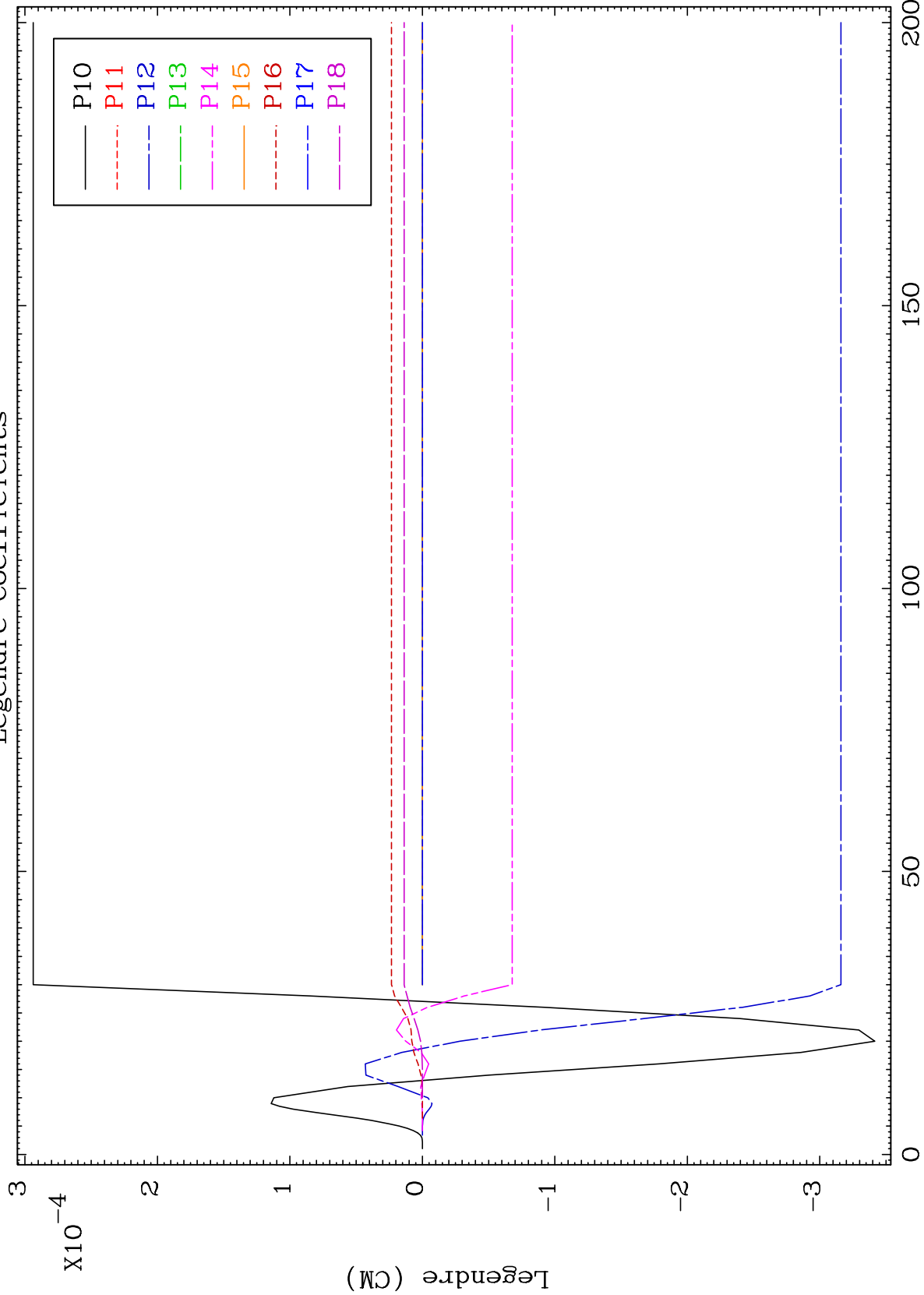
Incident Energy (MeV)

52

MAT 7910

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

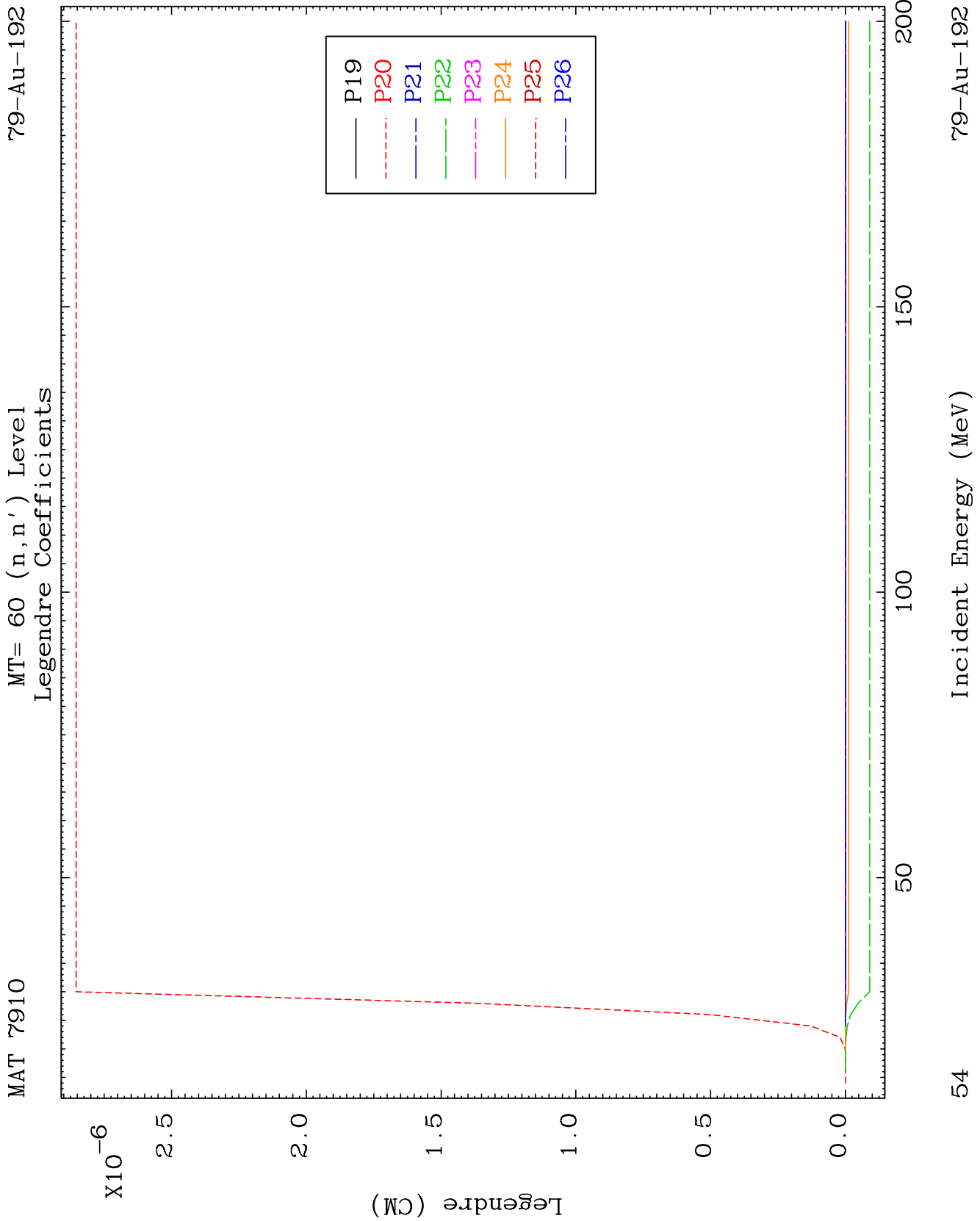
79-Au-192

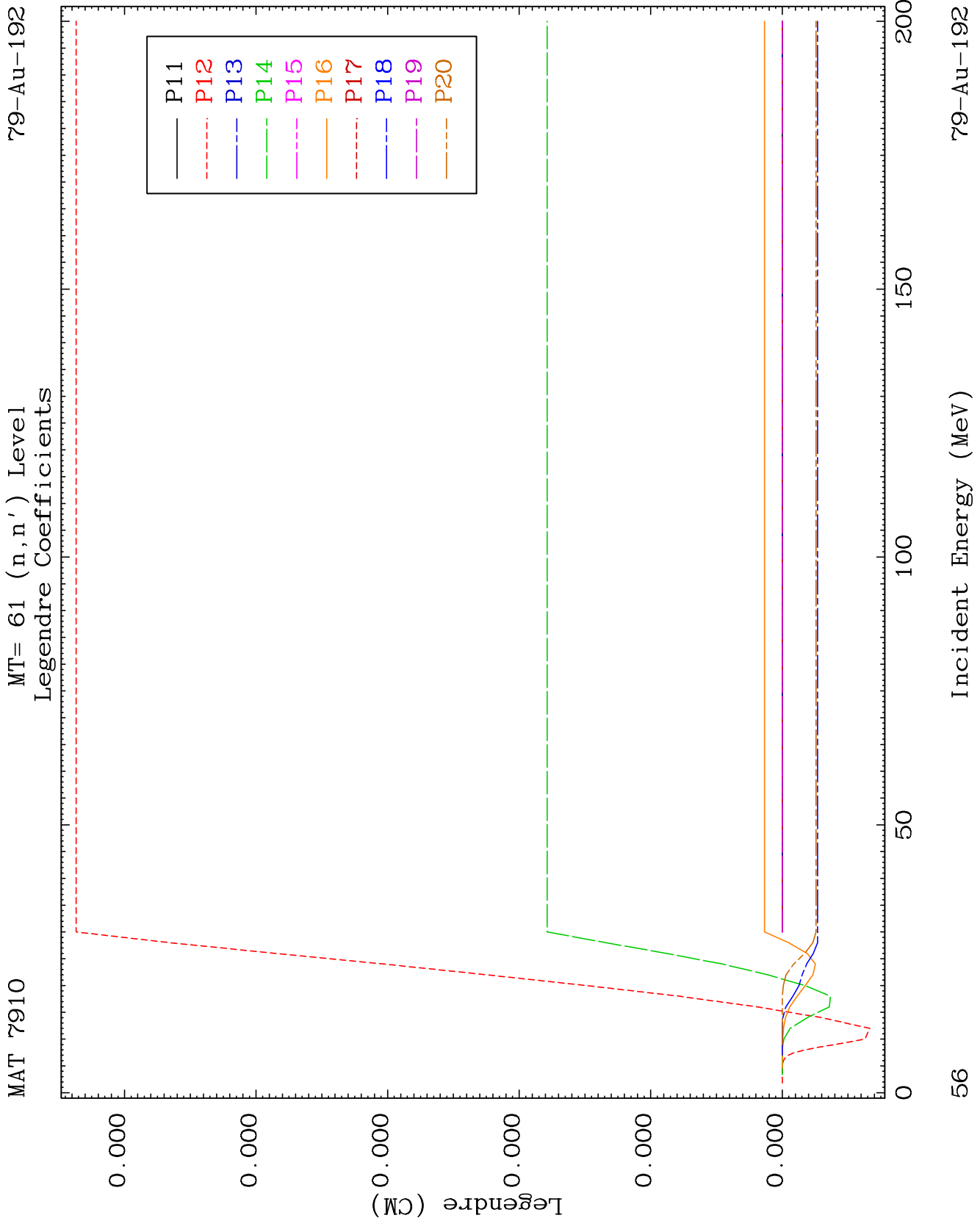


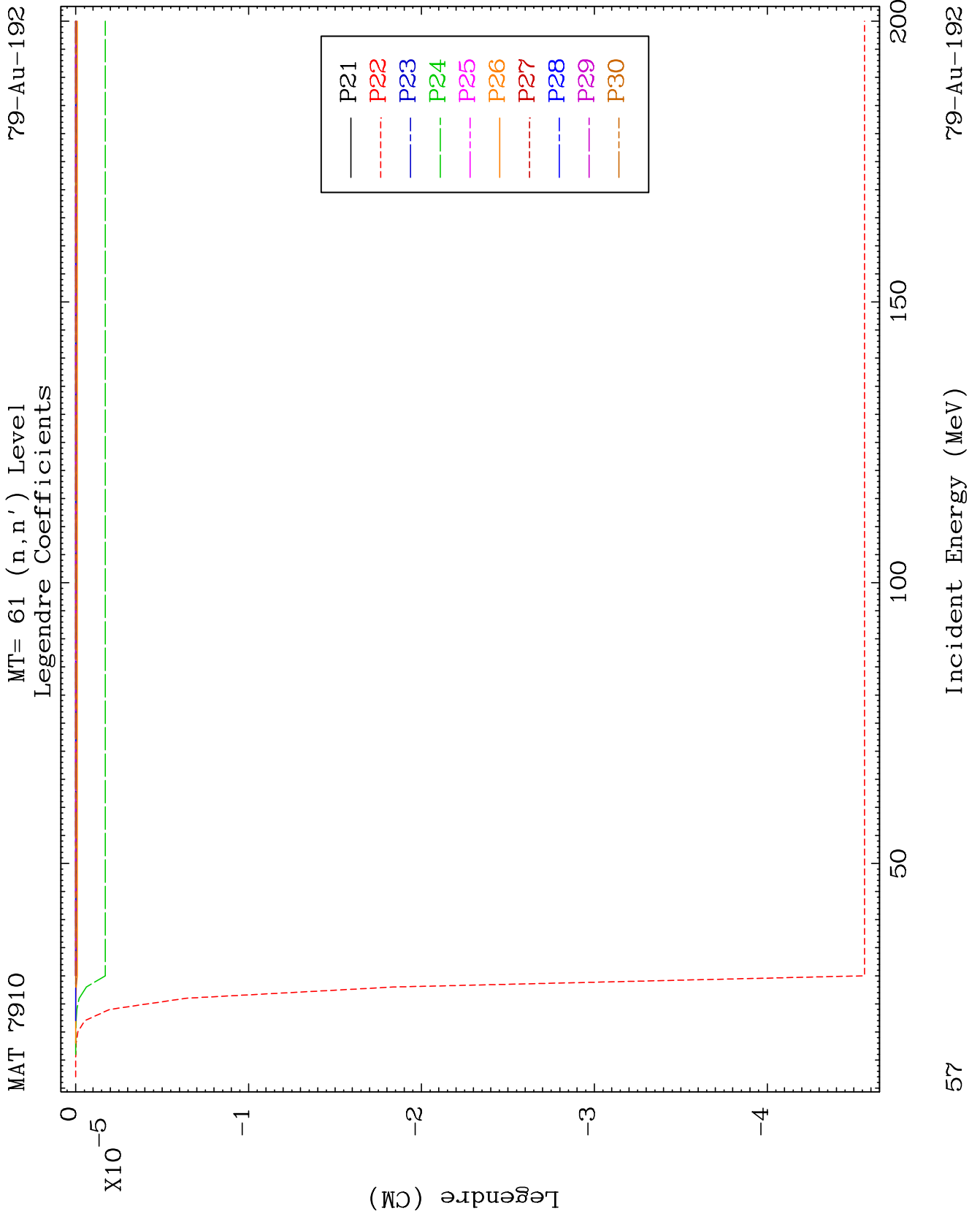
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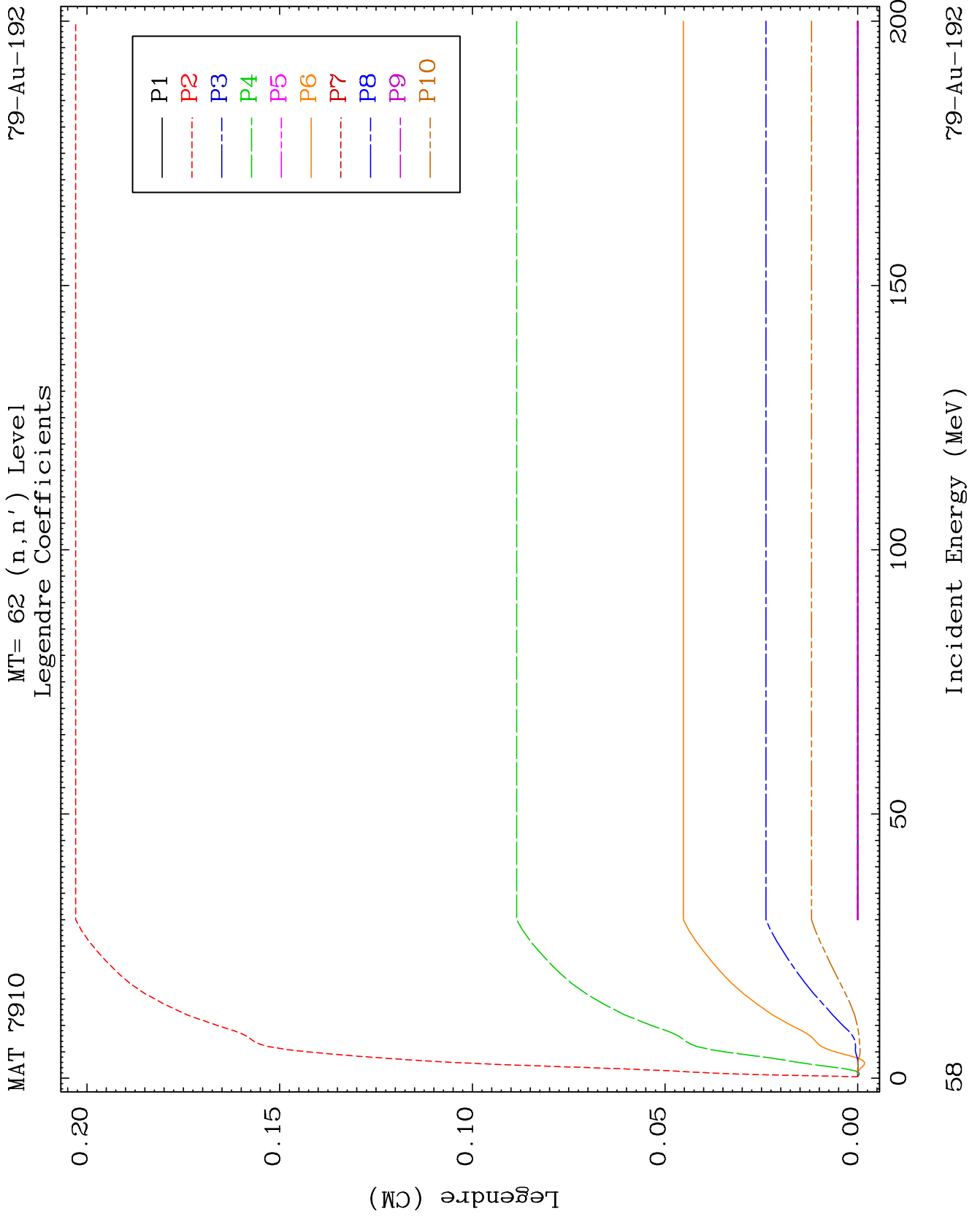
Incident Energy (MeV)

79-Au-192





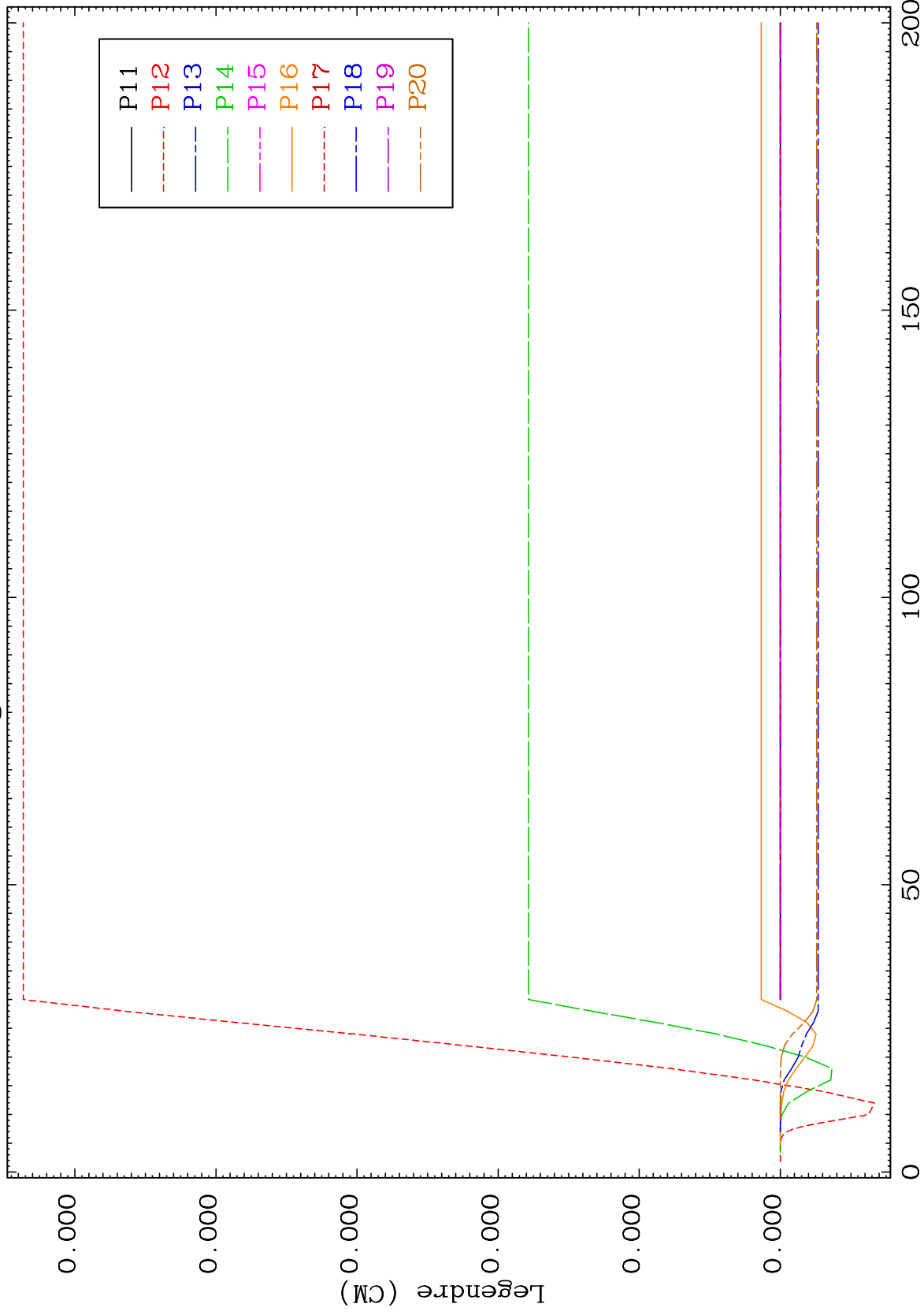




MAT 7910

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

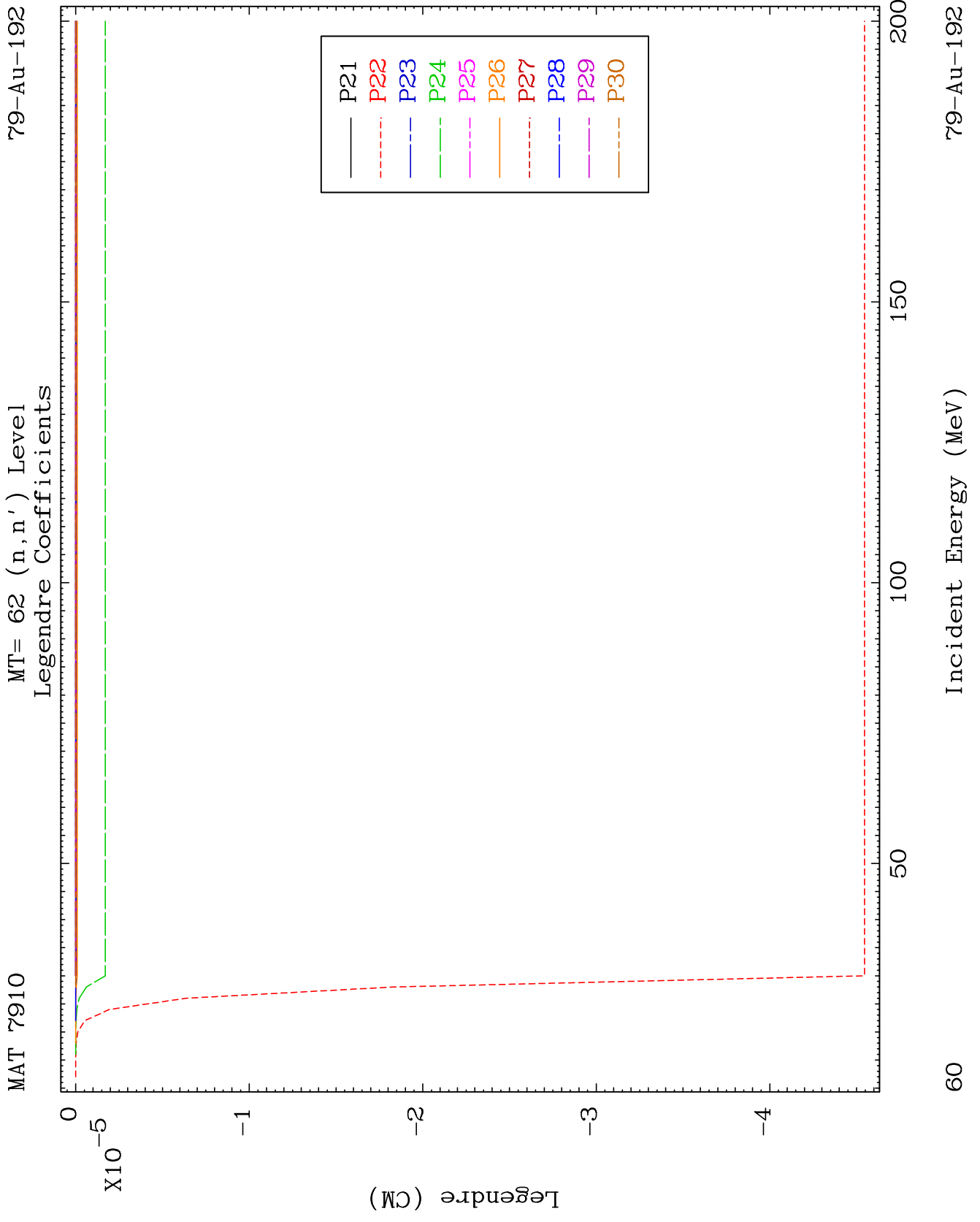
79-Au-192



59

Incident Energy (MeV)

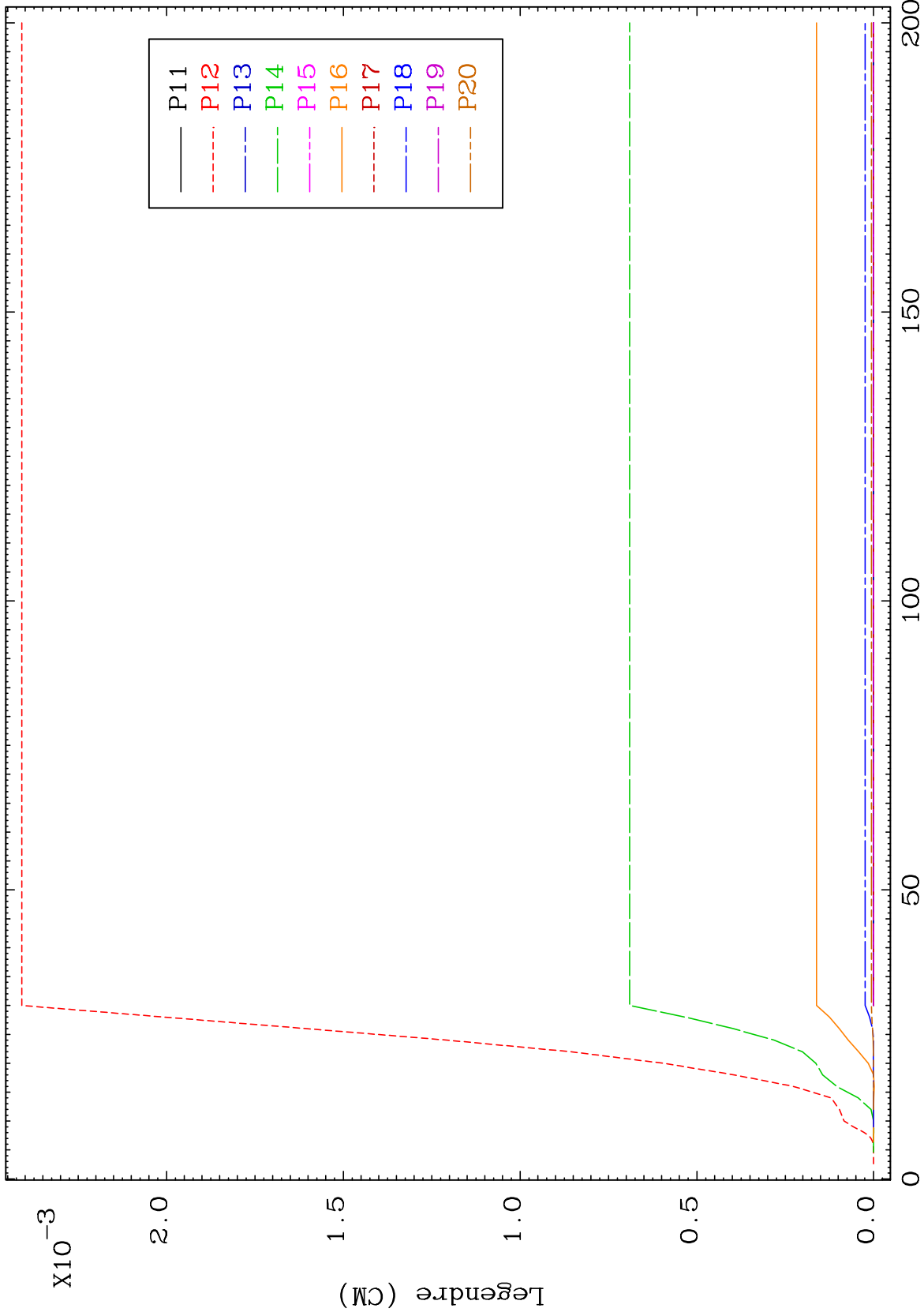
79-Au-192



MAT 7910

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

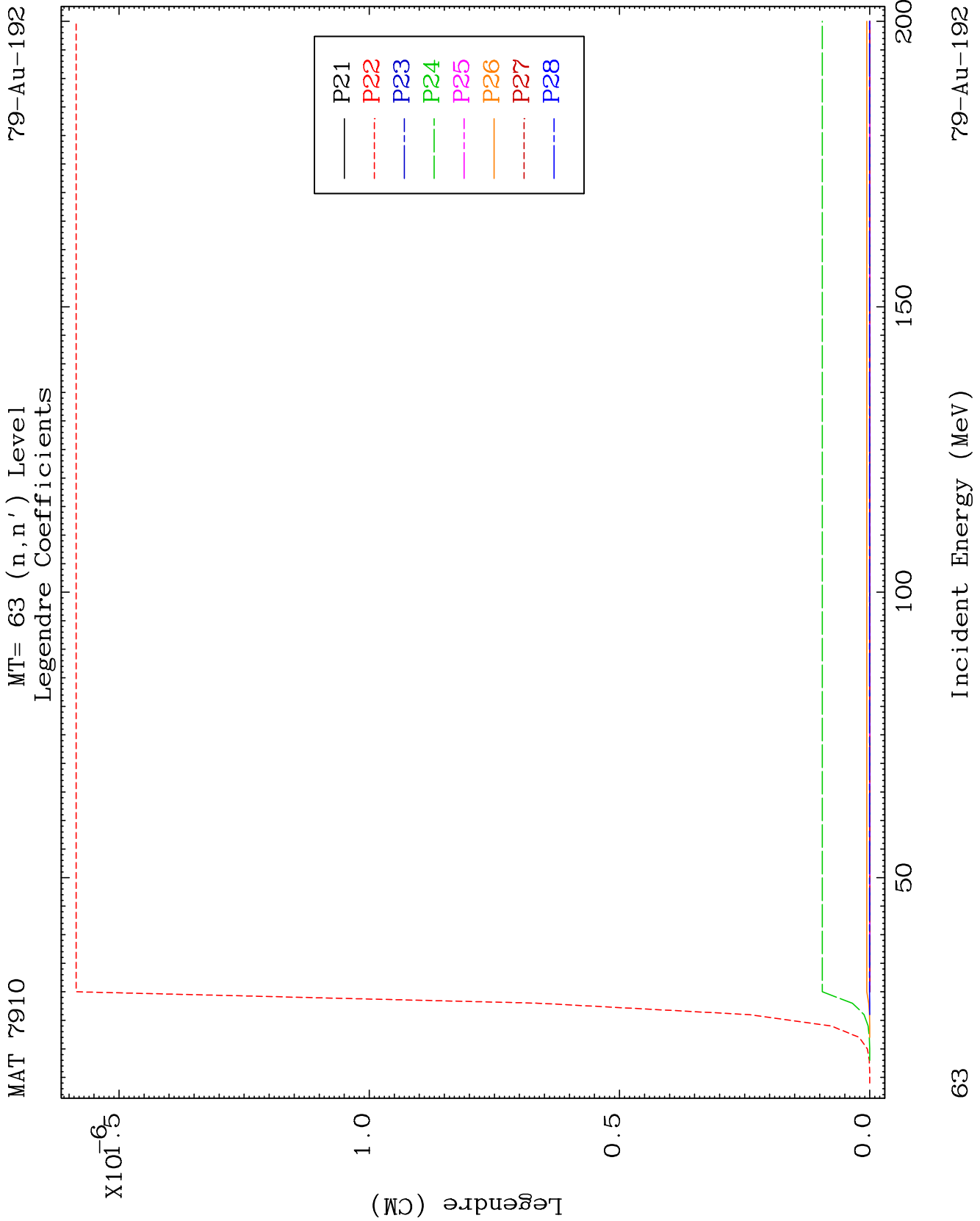
79-Au-192



62

Incident Energy (MeV)

79-Au-192



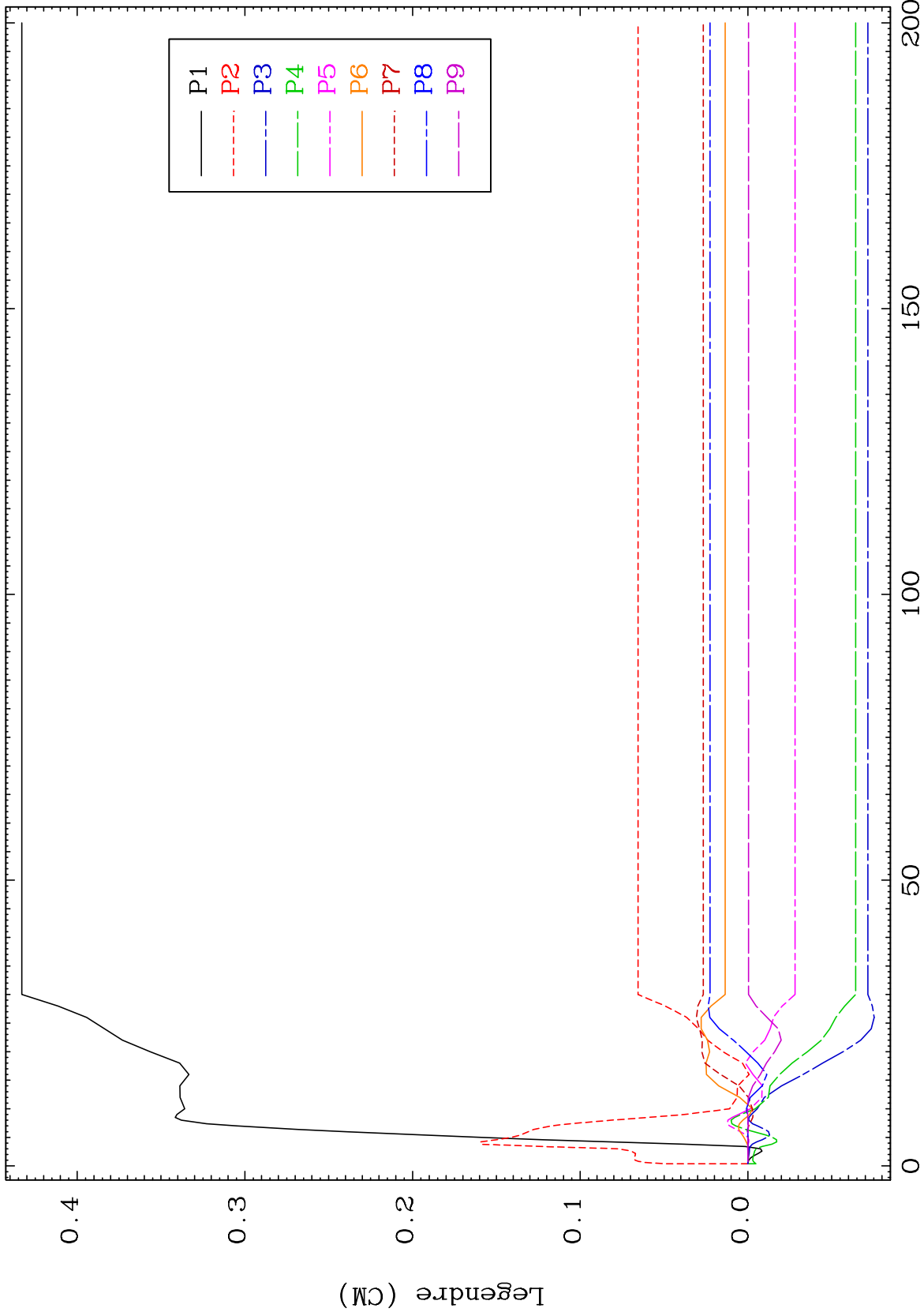
63

79-Au-192

MAT 7910

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

79-Au-192



64

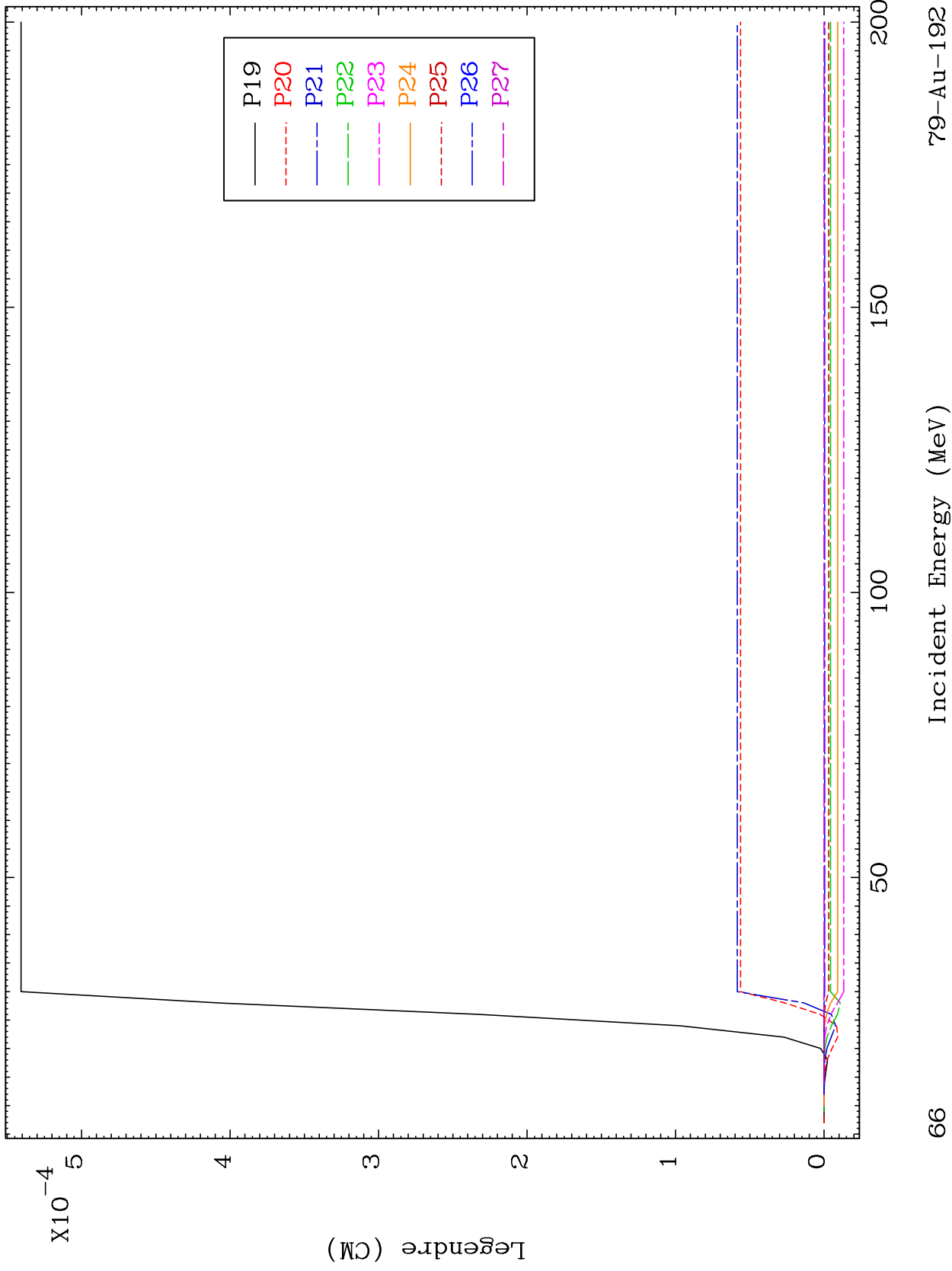
Incident Energy (MeV)

79-Au-192

MAT 7910

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

79-Au-192



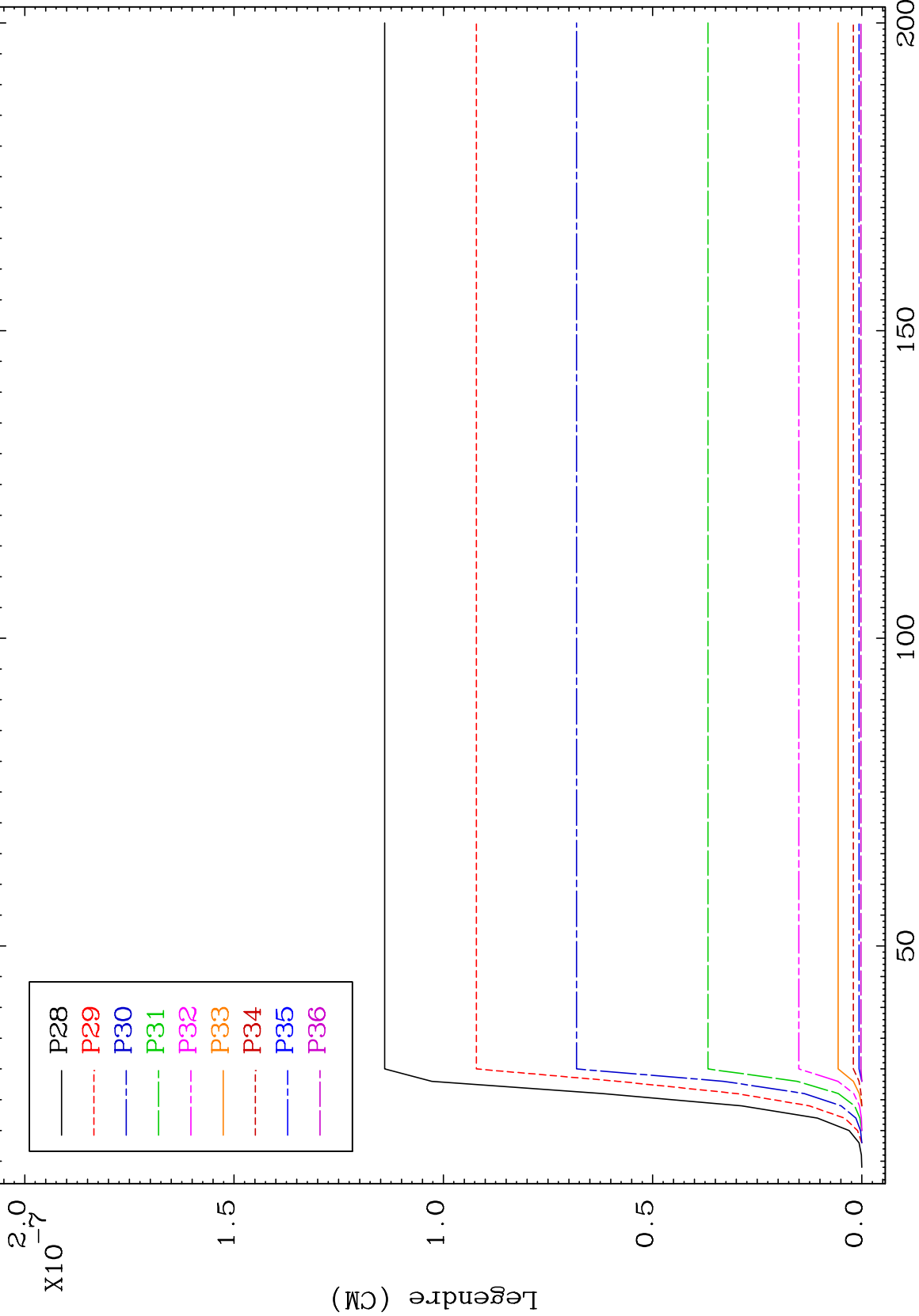
66

79-Au-192

MAT 7910

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

79-Au-192



67

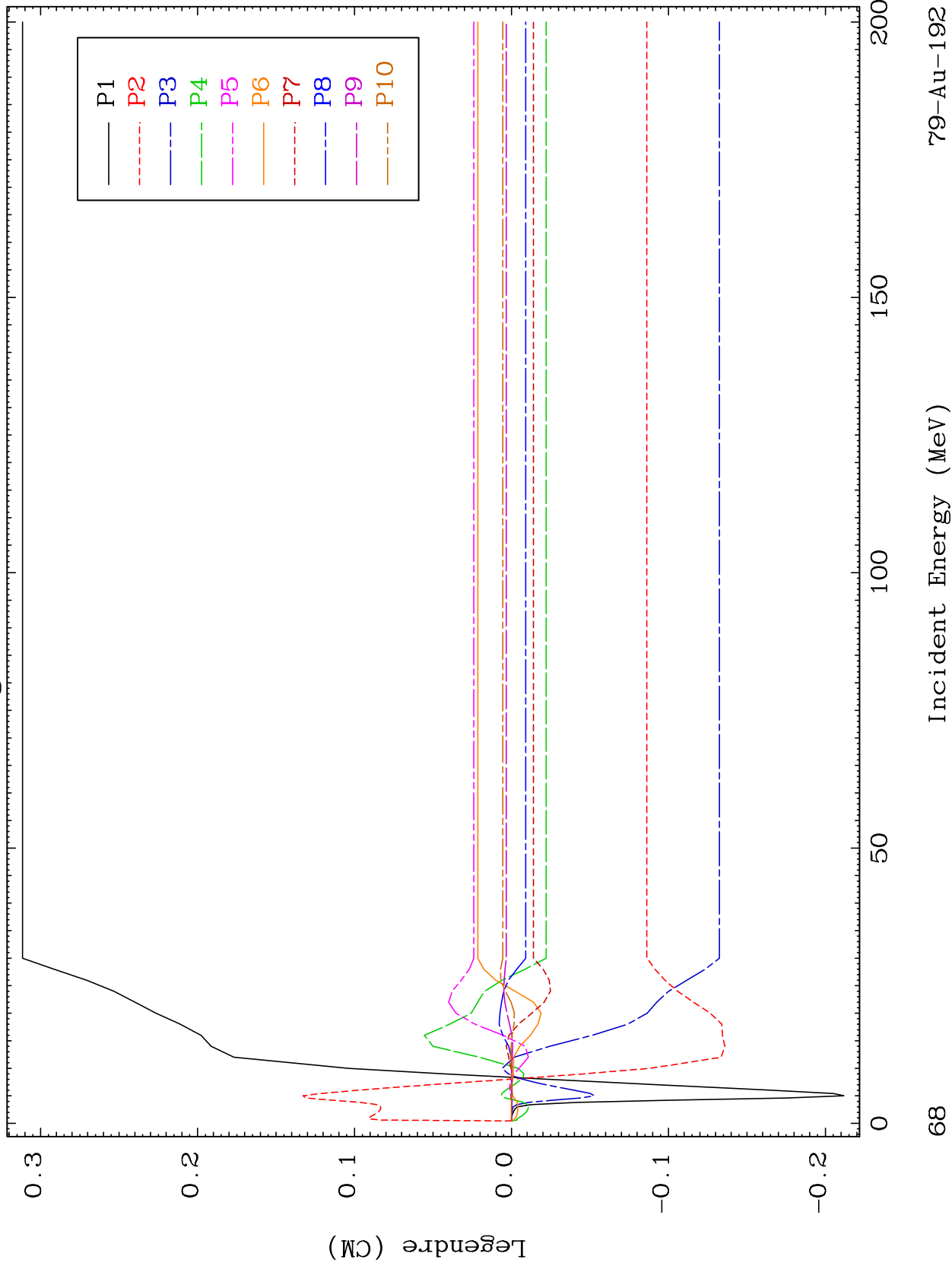
Incident Energy (MeV)

79-Au-192

MAT 7910

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

79-Au-192



68

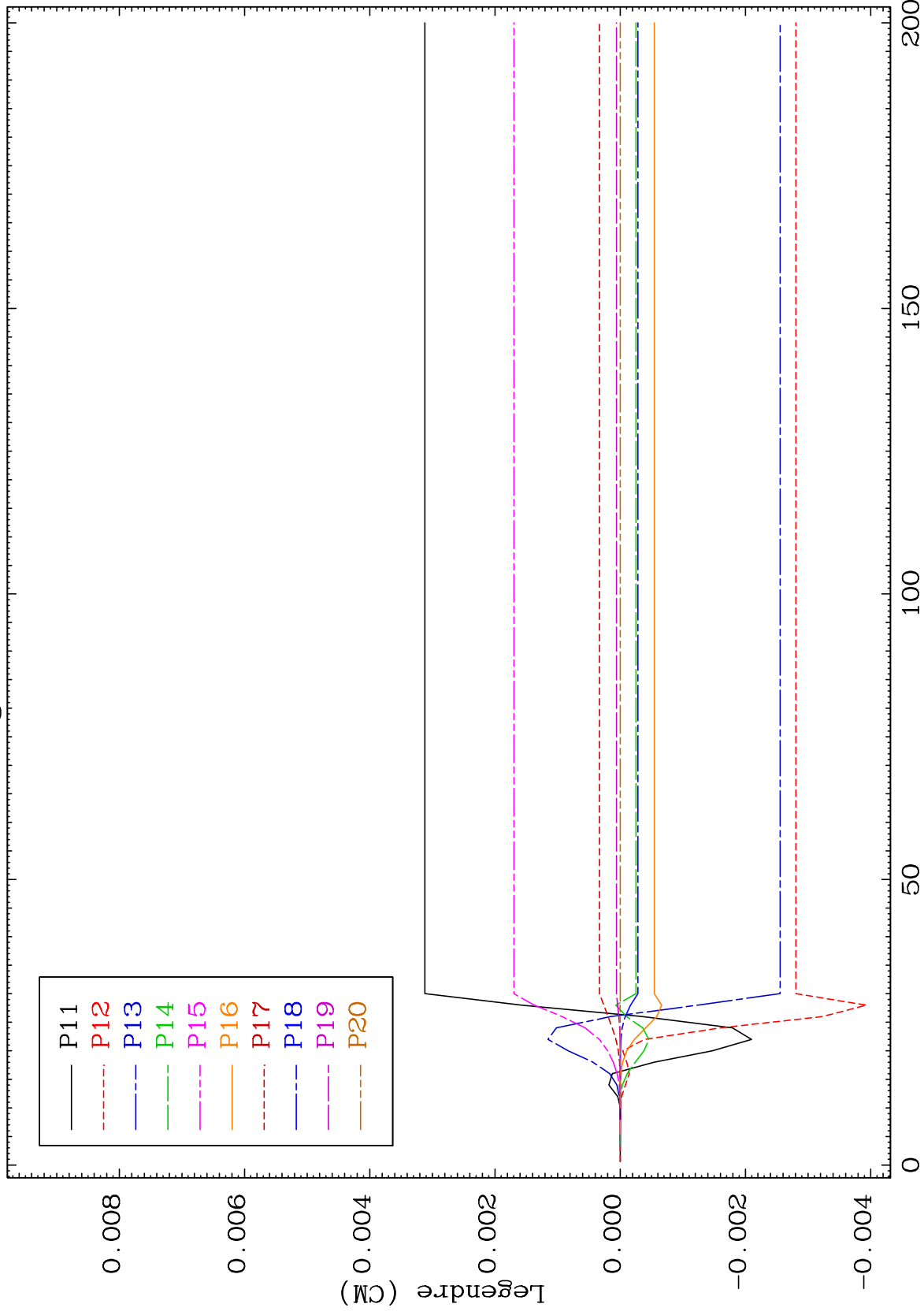
Incident Energy (MeV)

79-Au-192

MAT 7910

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

79-Au-192



69

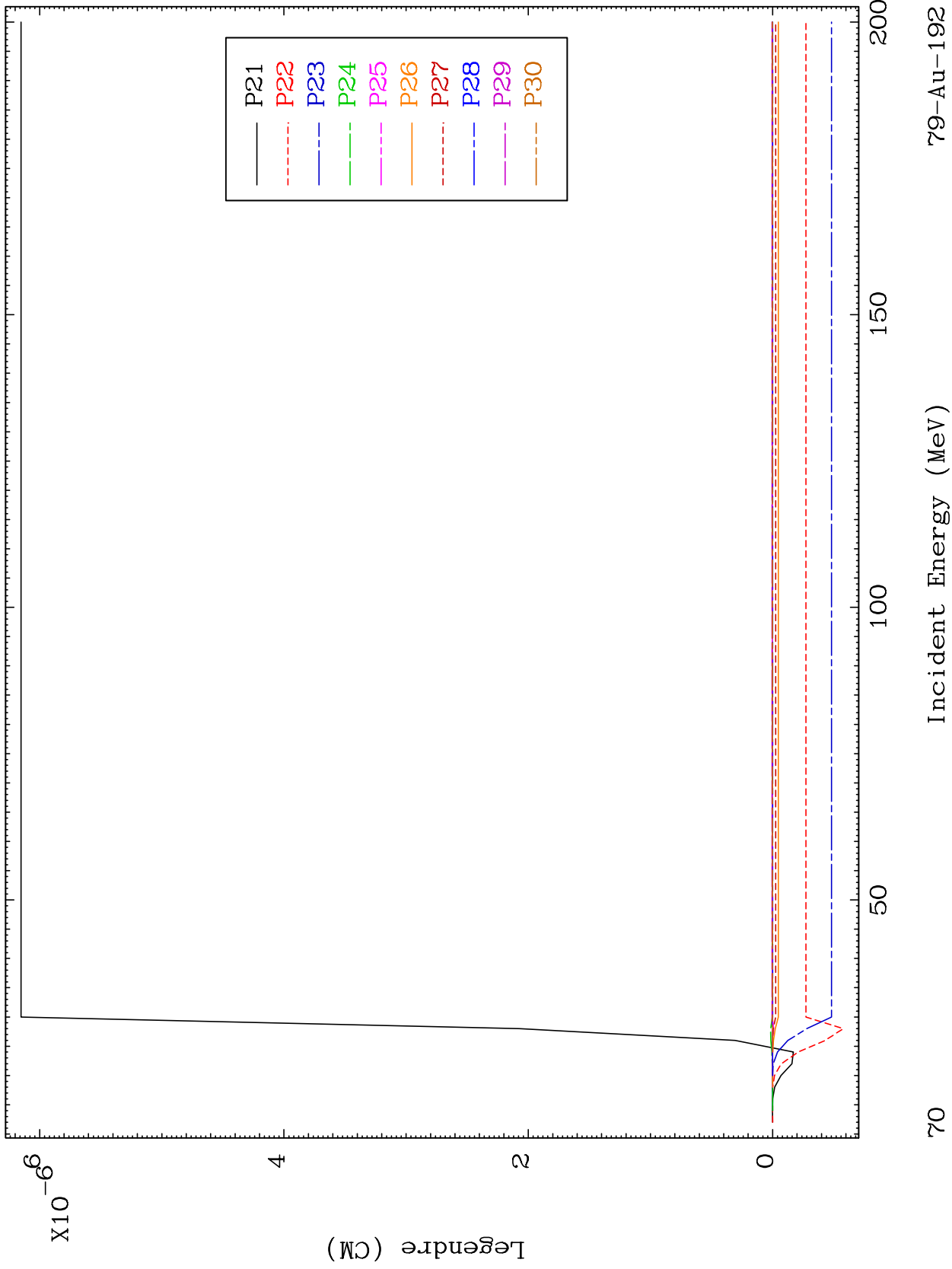
Incident Energy (MeV)

79-Au-192

MAT 7910

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

79-Au-192



79-Au-192

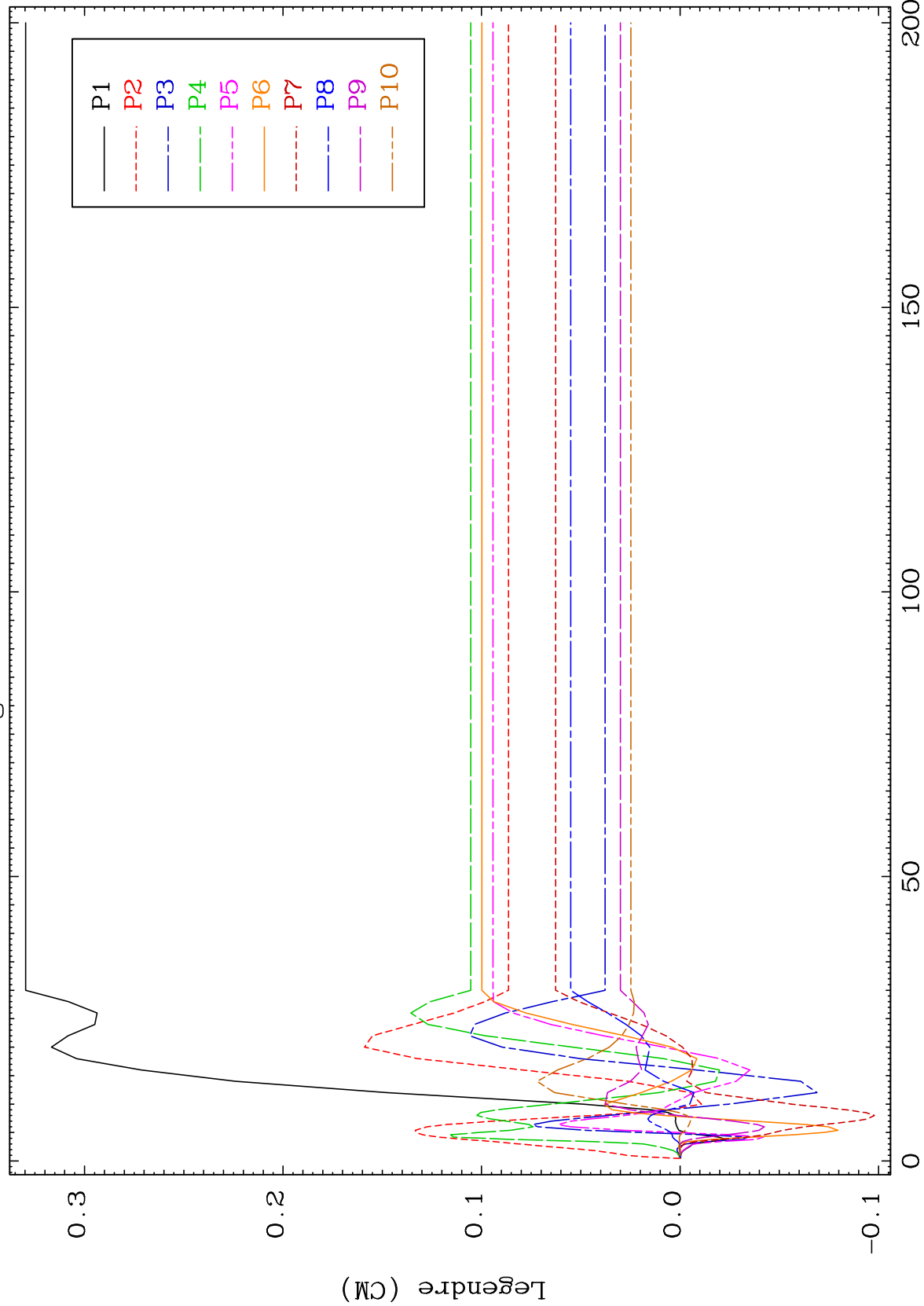
Incident Energy (MeV)

70

MAT 7910

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

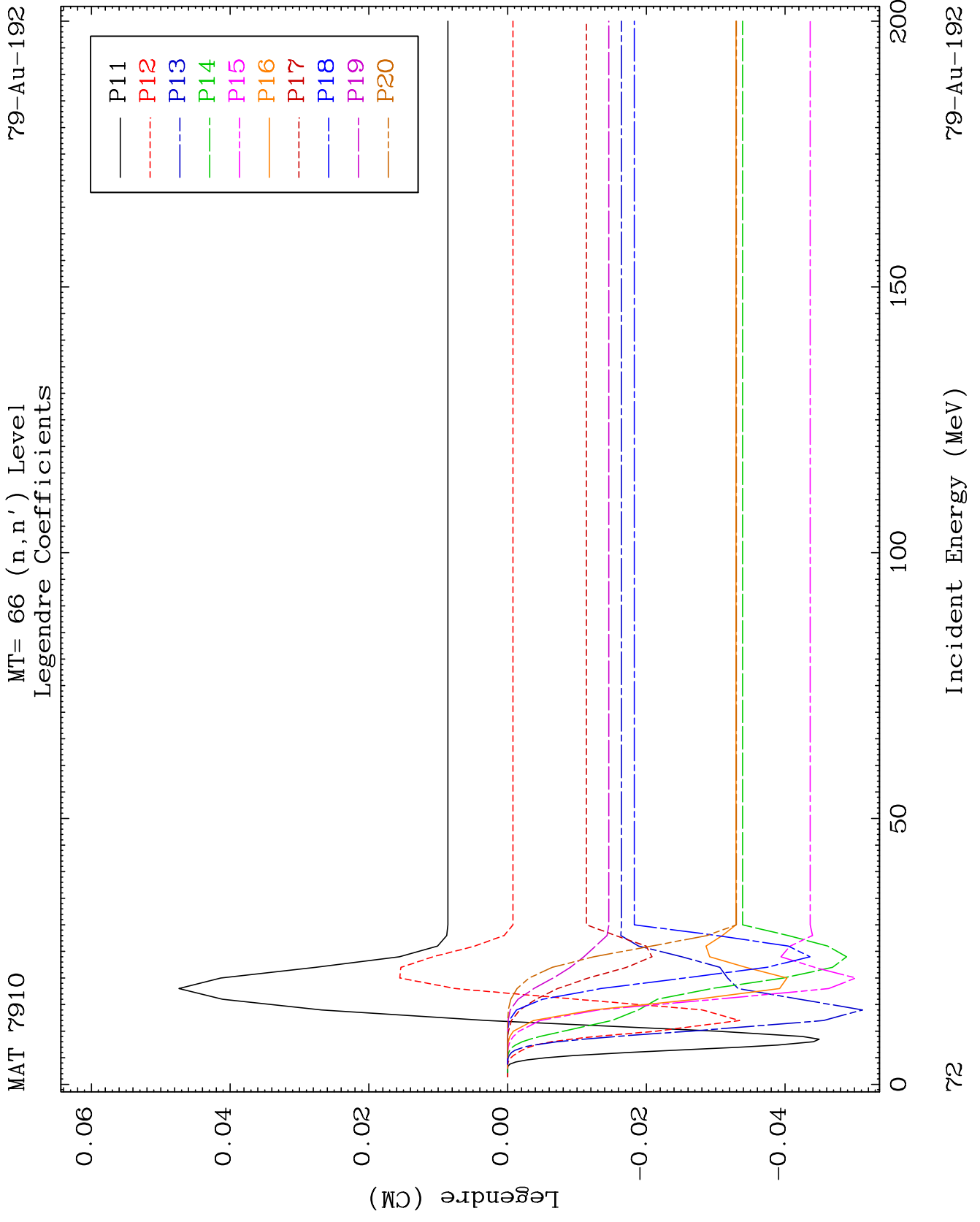
79-Au-192



71

Incident Energy (MeV)

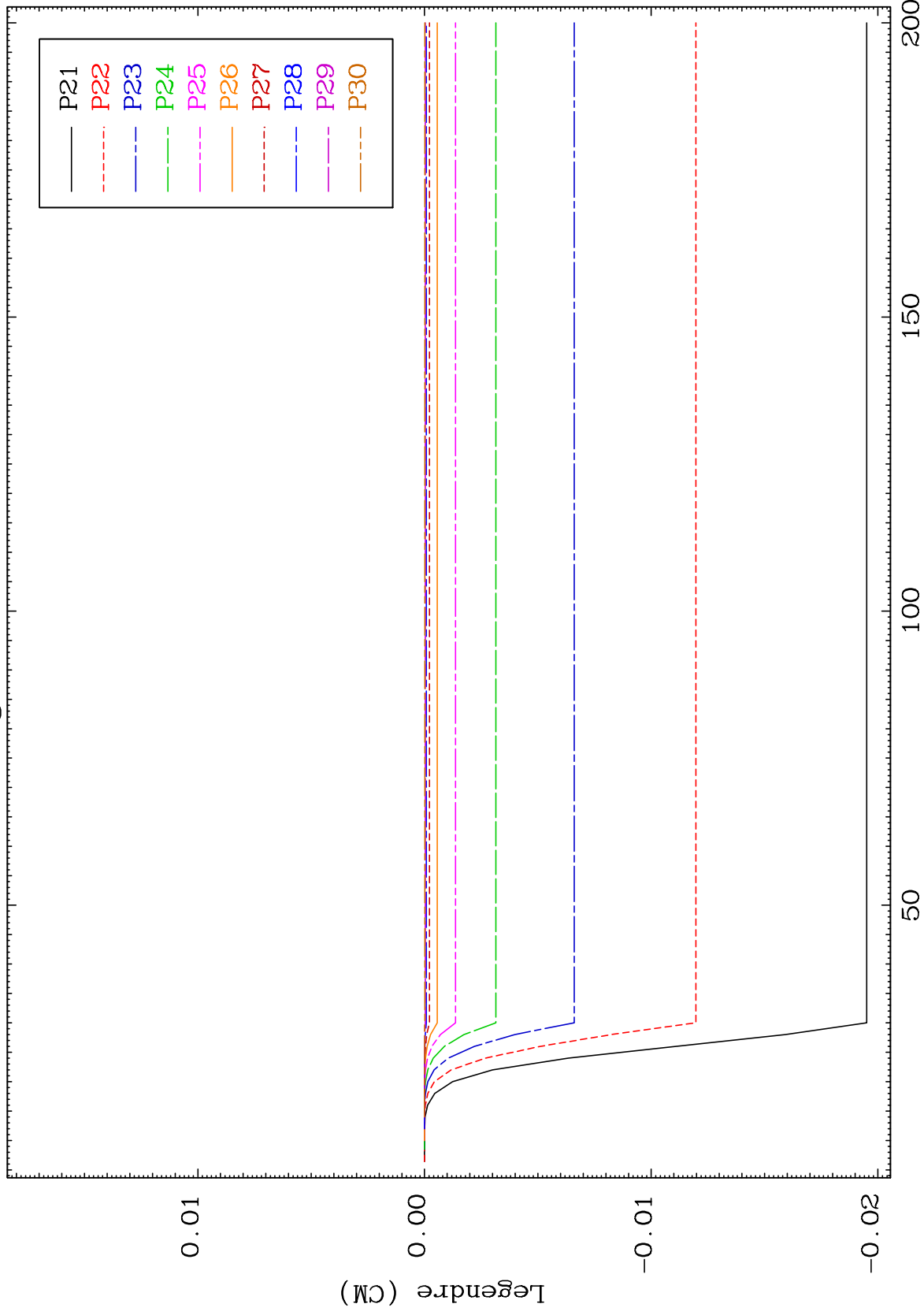
79-Au-192



MAT 7910

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

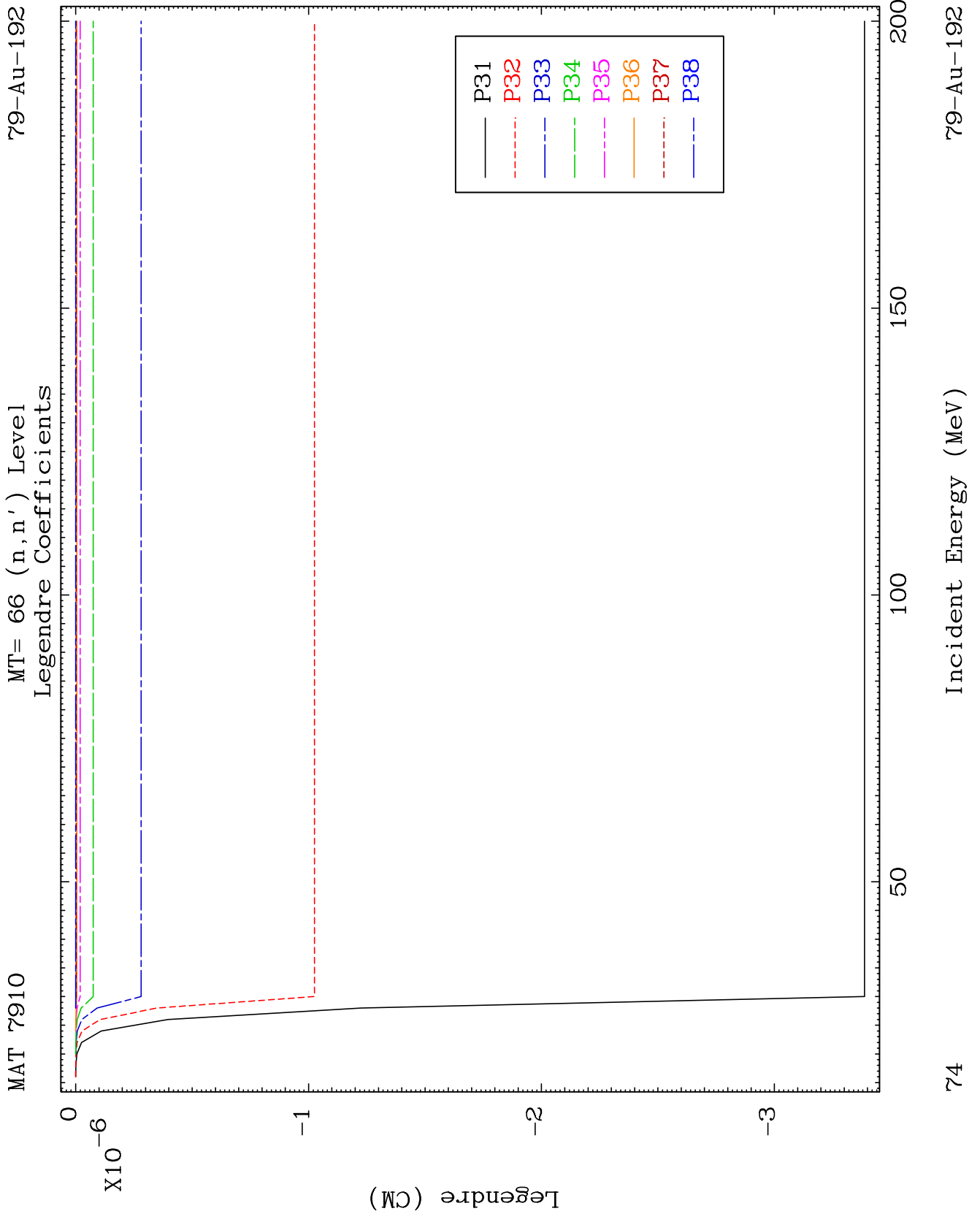
79-Au-192

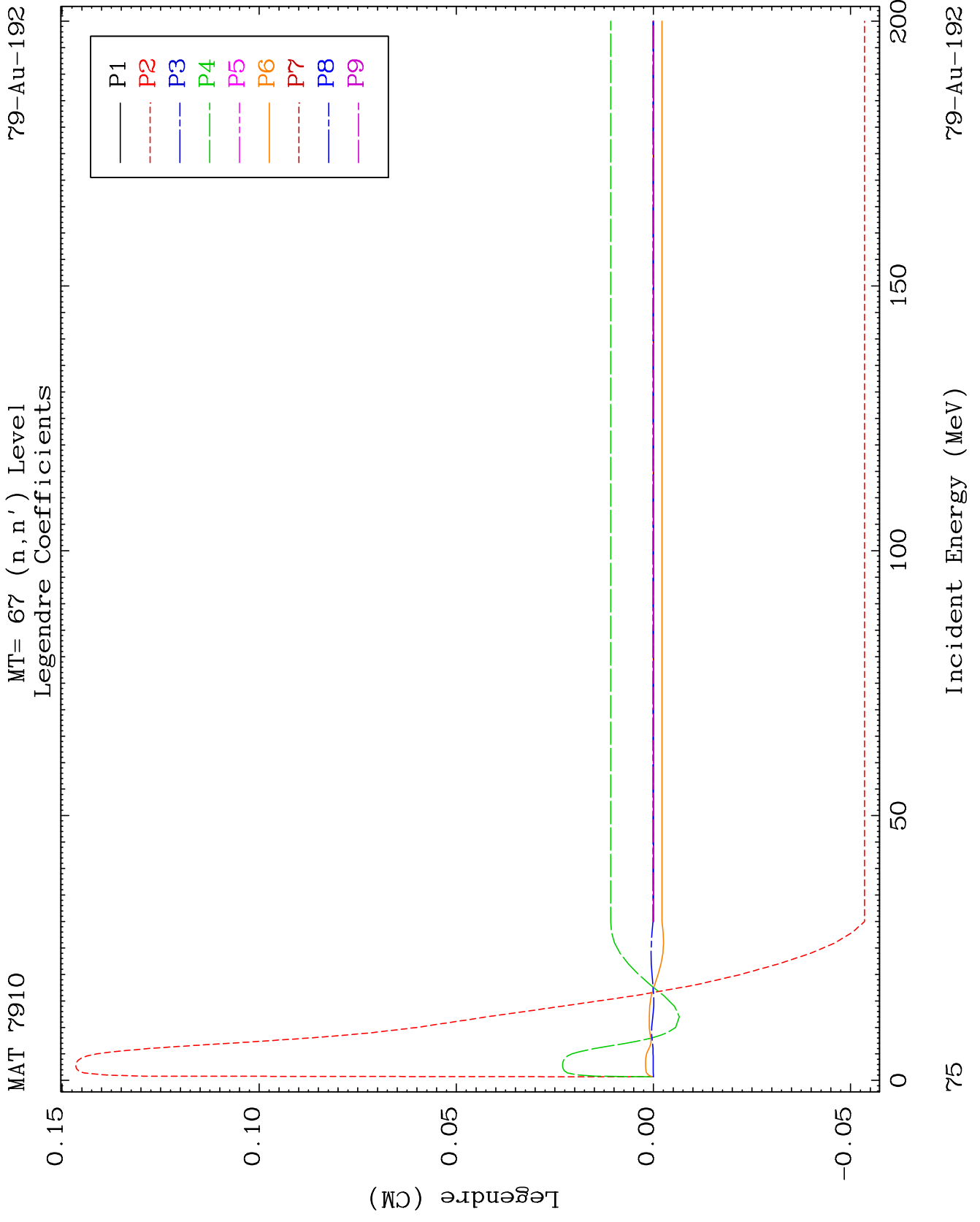


73

Incident Energy (MeV)

79-Au-192

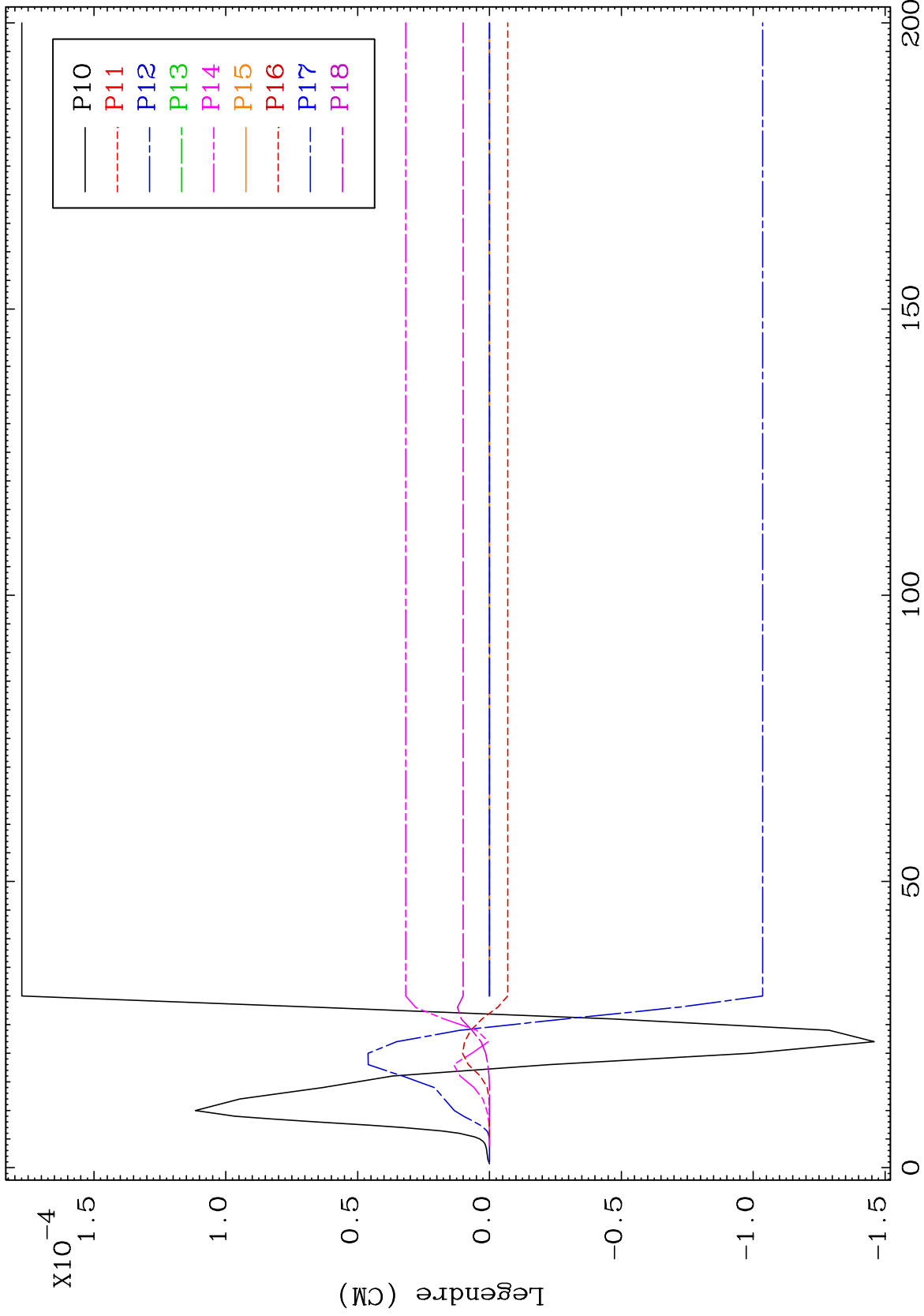




MAT 7910

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

79-Au-192



76

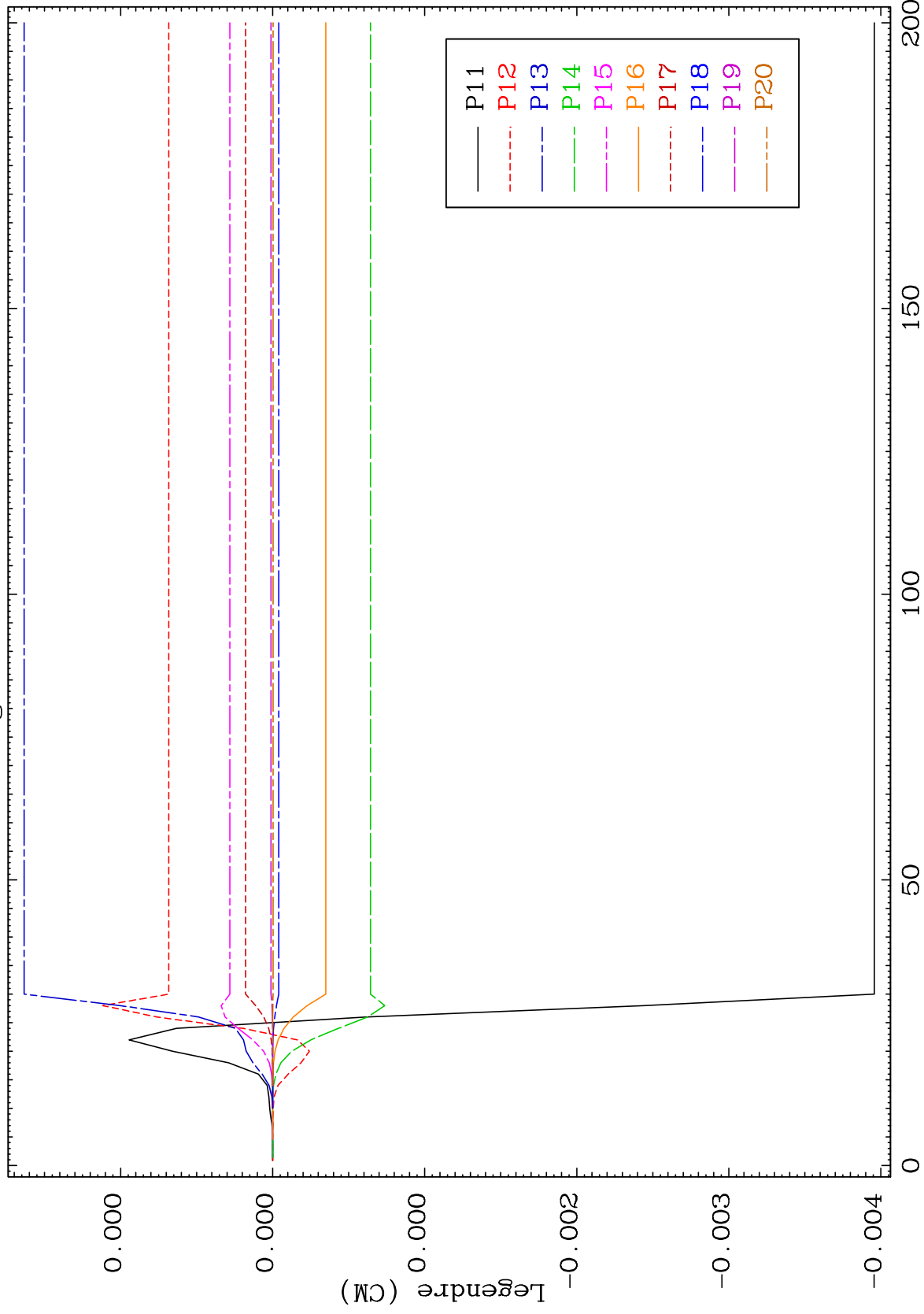
Incident Energy (MeV)

79-Au-192

MAT 7910

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

79-Au-192



79

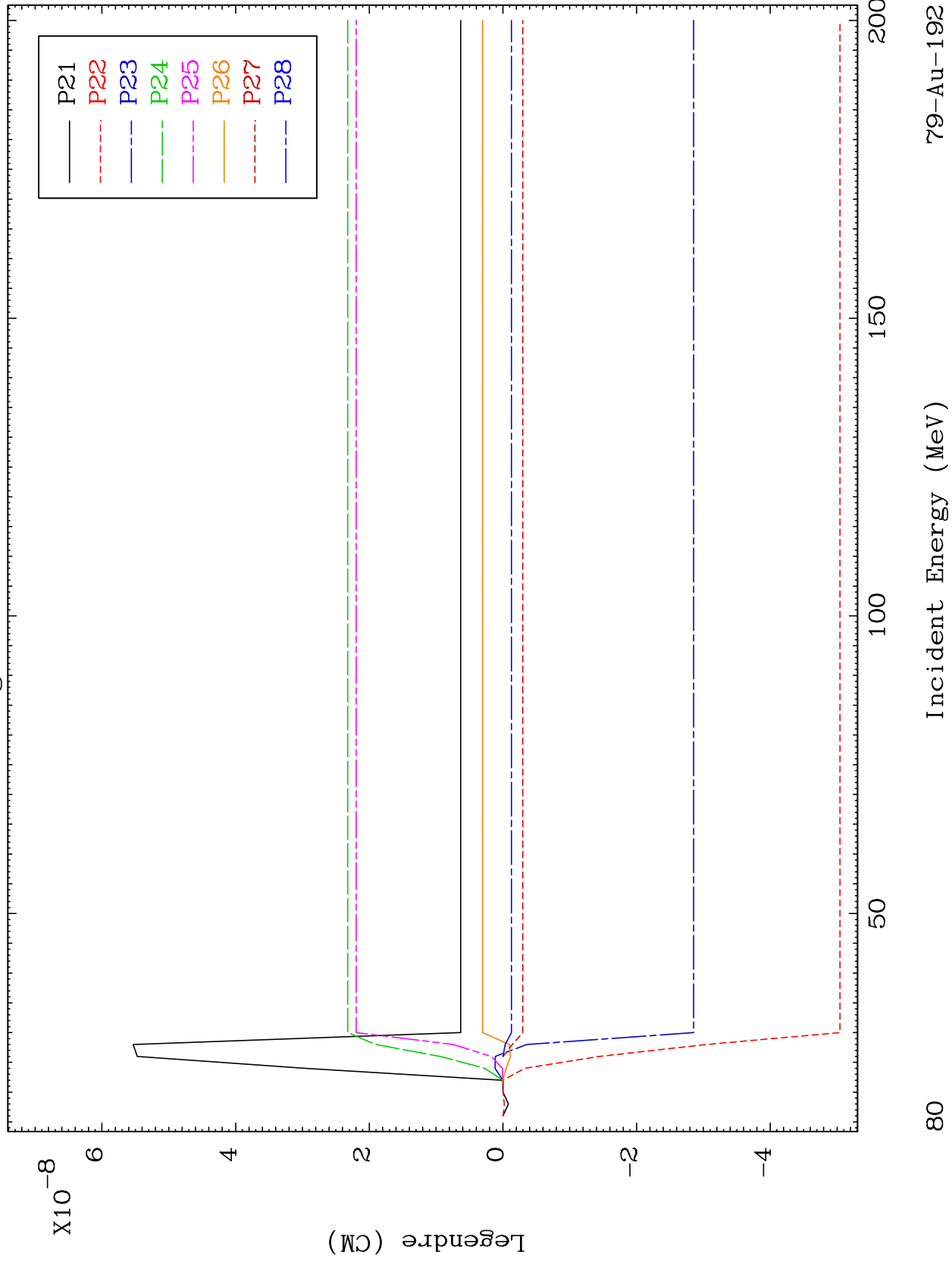
Incident Energy (MeV)

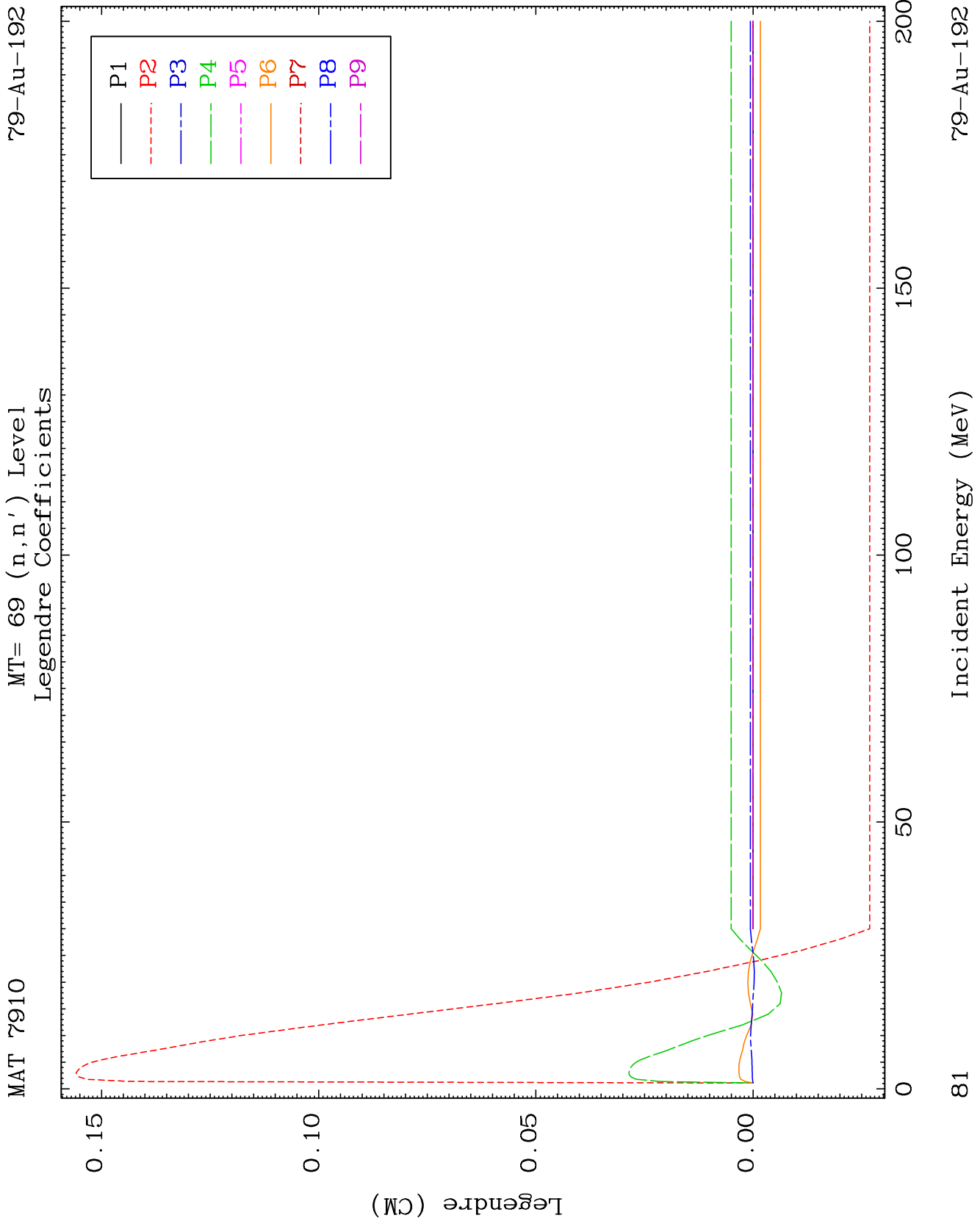
79-Au-192

MAT 7910

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

79-Au-192

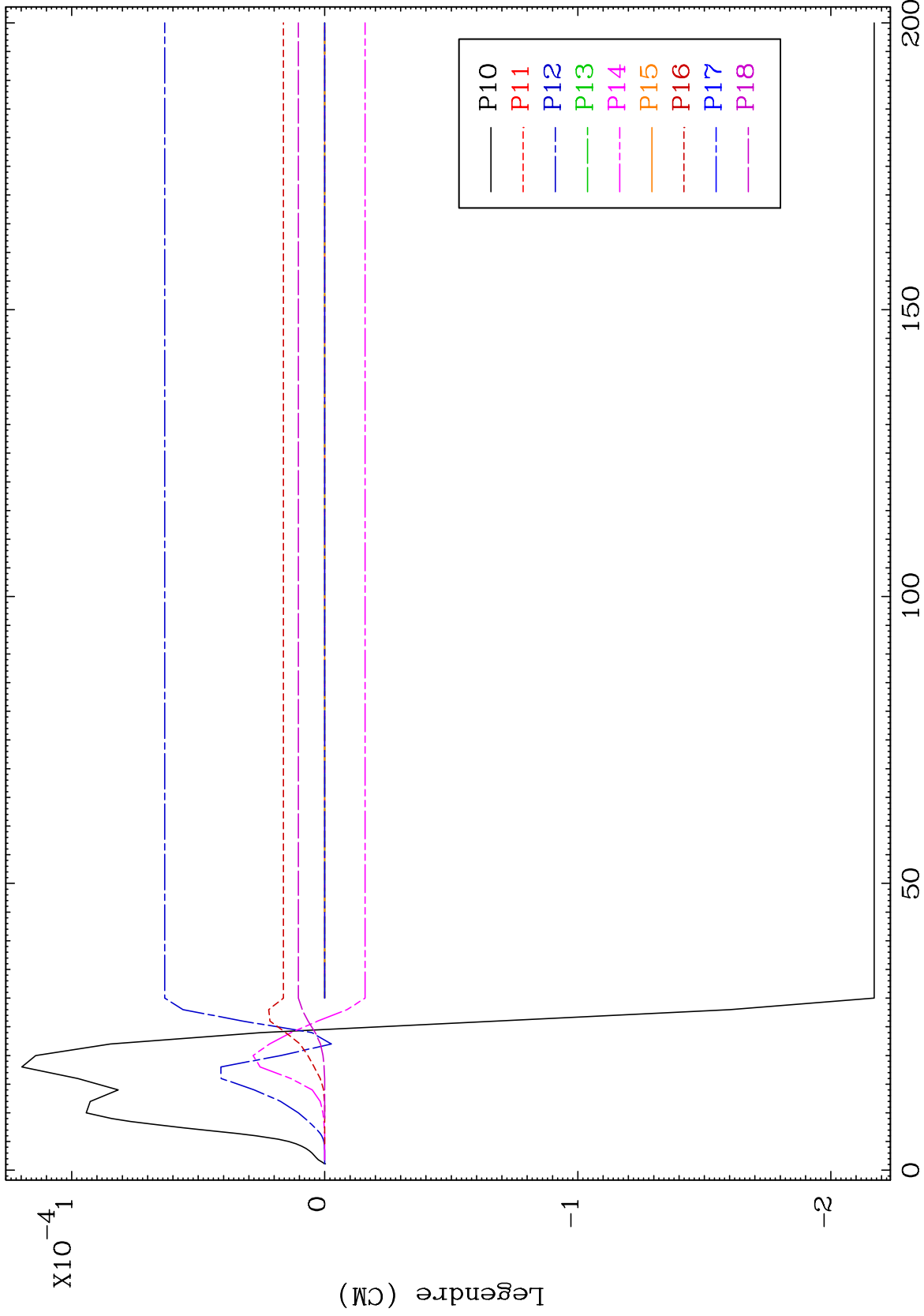




MAT 7910

MT= 69 (n,n') Level
Legendre Coefficients

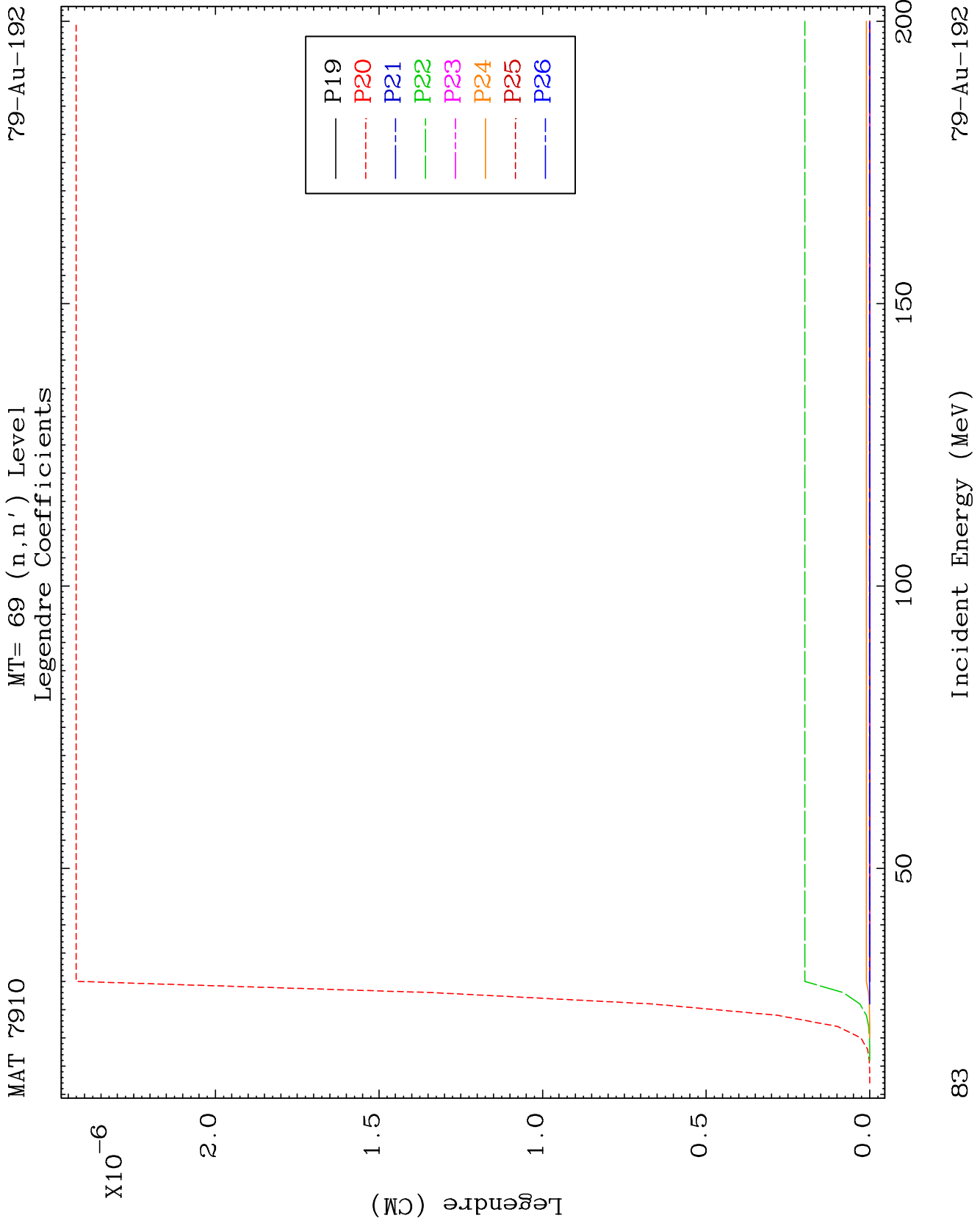
79-Au-192

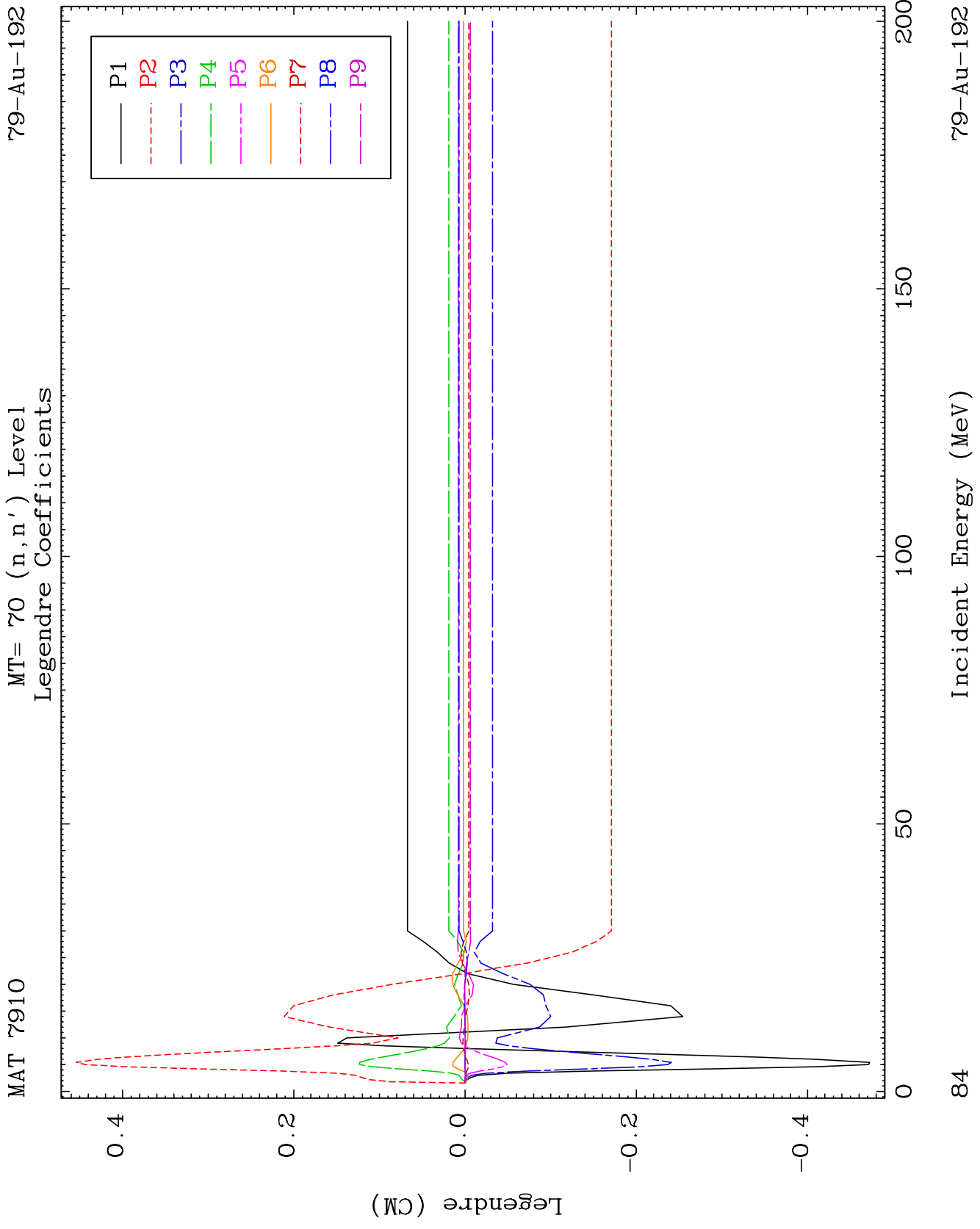


82

Incident Energy (MeV)

79-Au-192

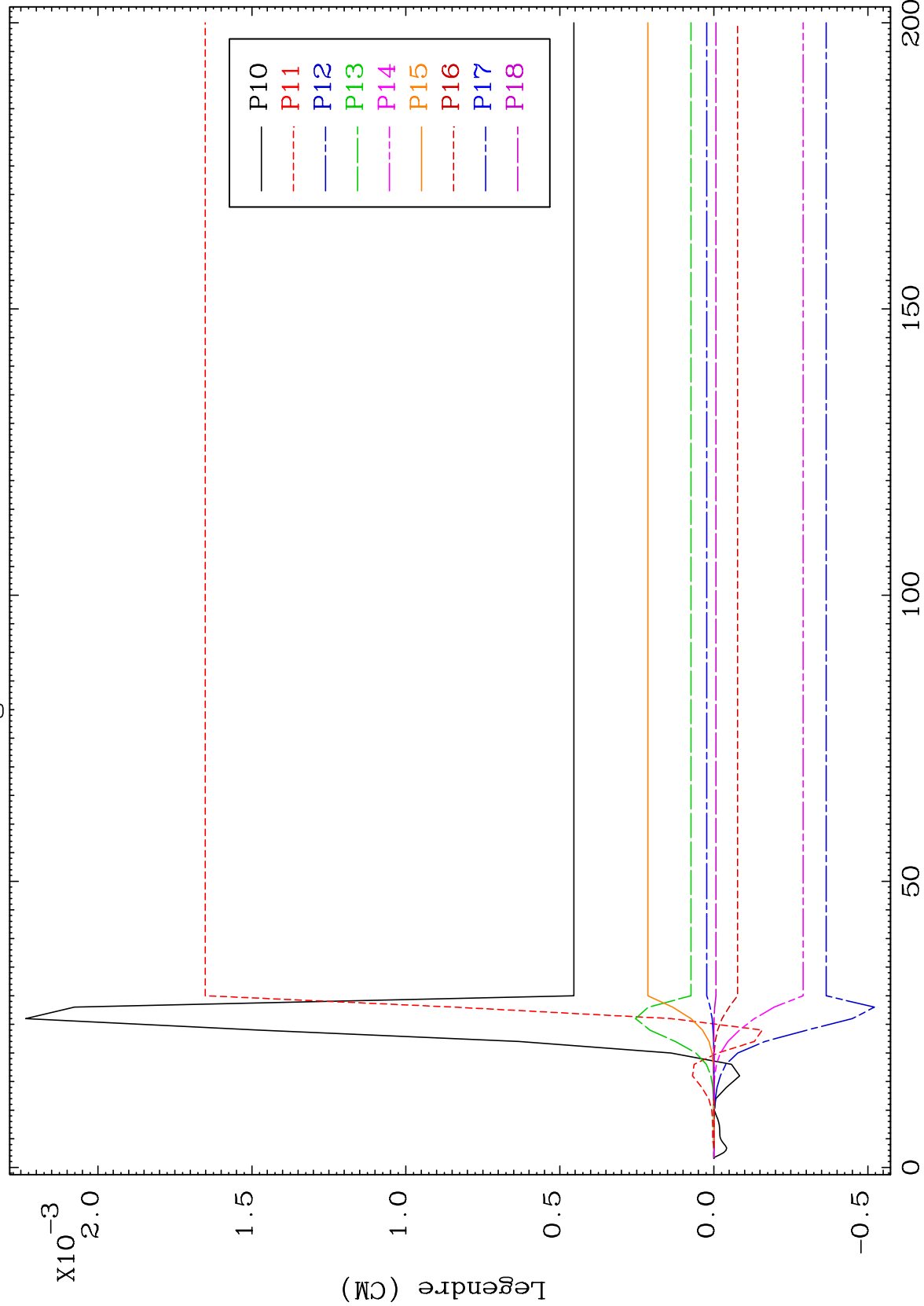




MAT 7910

MT= 70 (n,n') Level
Legendre Coefficients

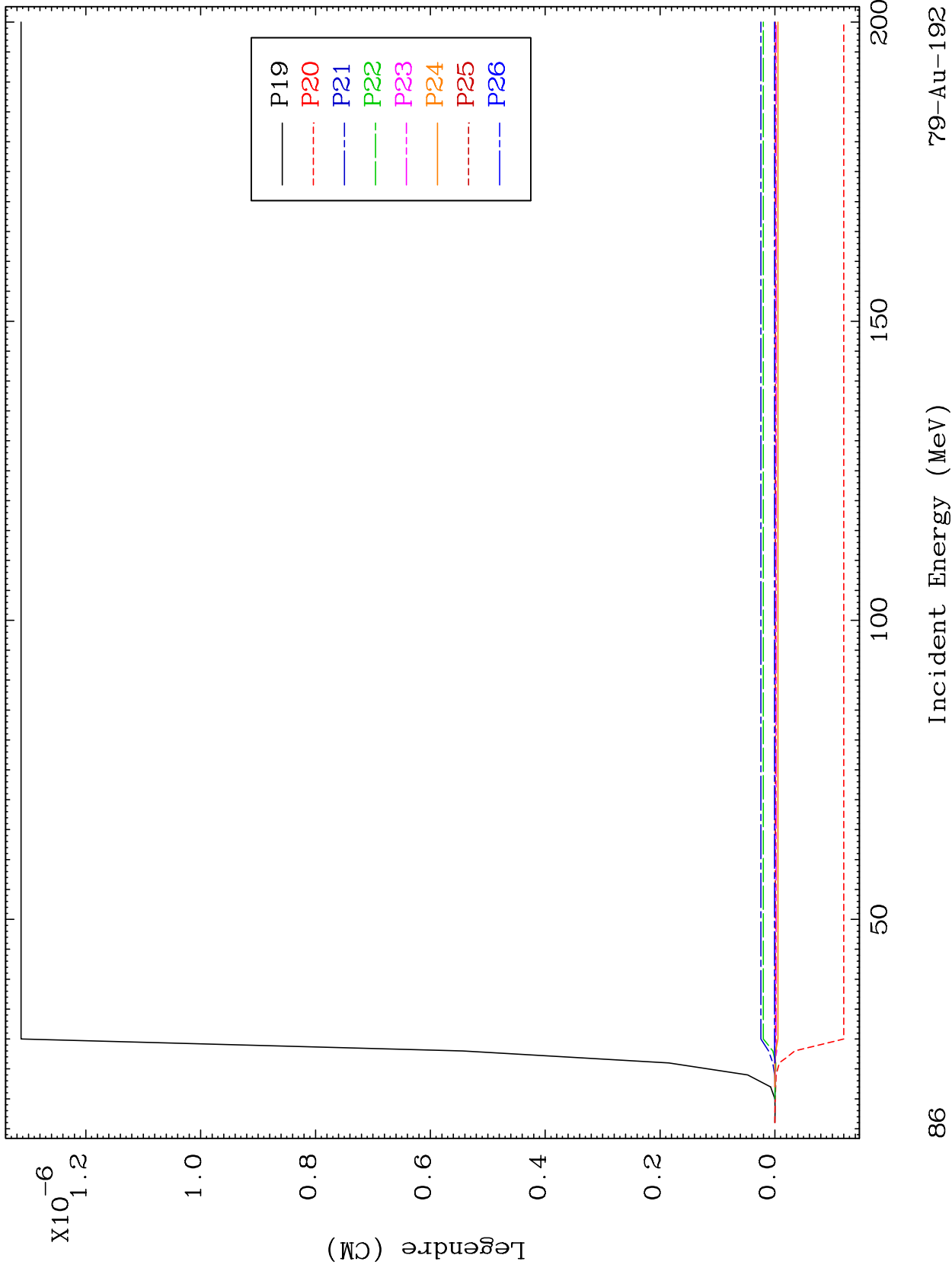
79-Au-192



85

Incident Energy (MeV)

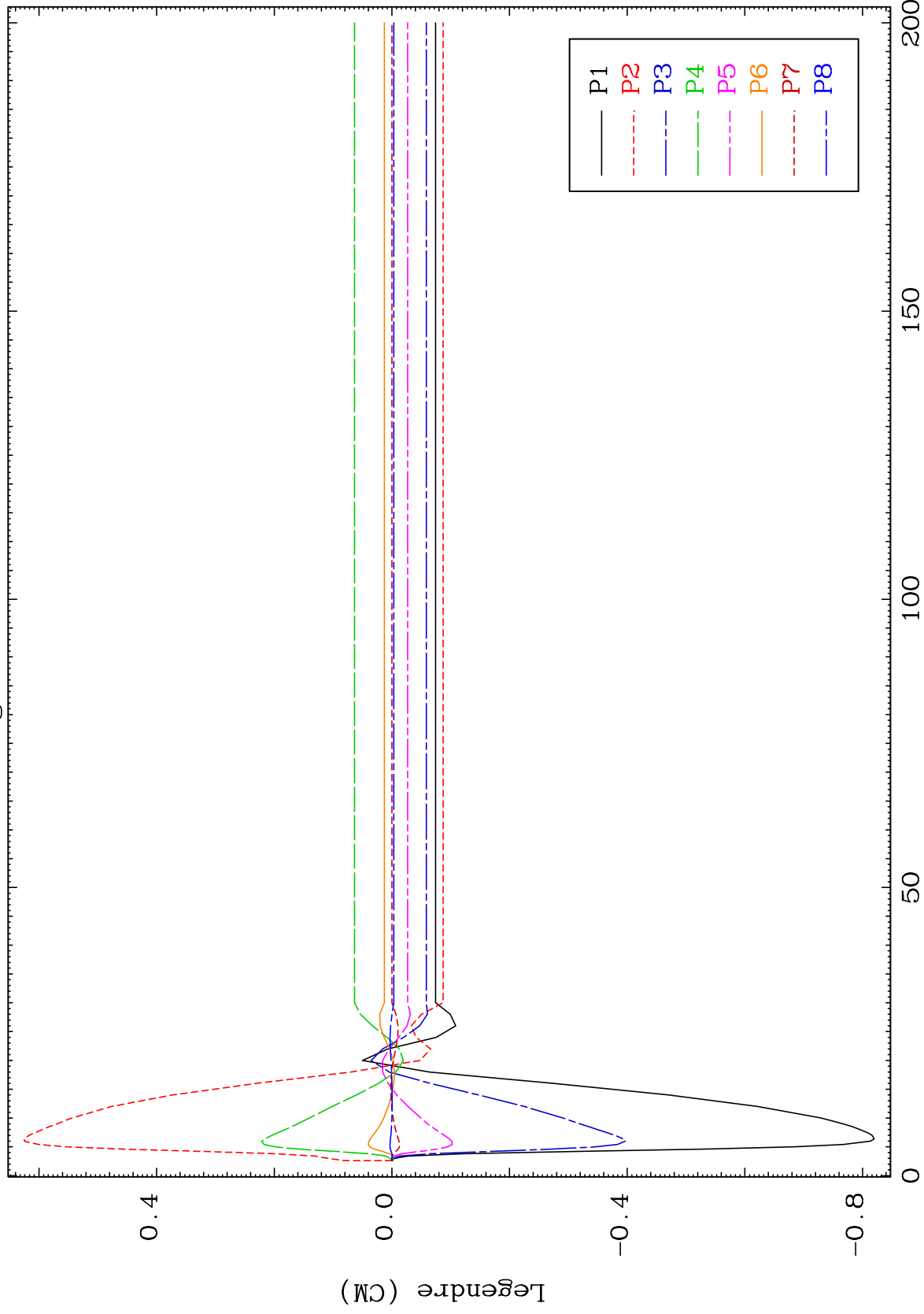
79-Au-192



MAT 7910

MT= 74 (n,n') Level
Legendre Coefficients

79-Au-192



87

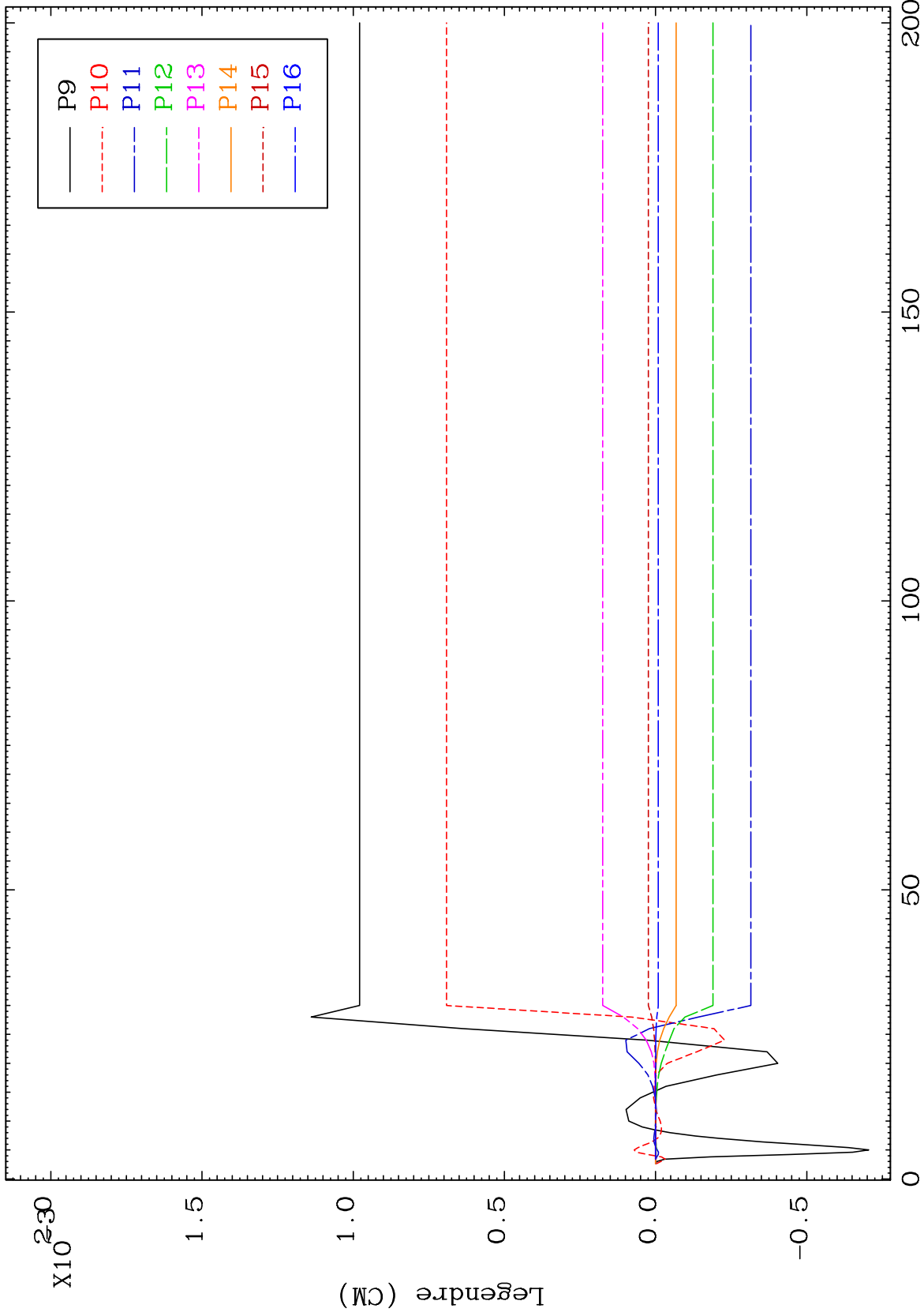
Incident Energy (MeV)

79-Au-192

MAT 7910

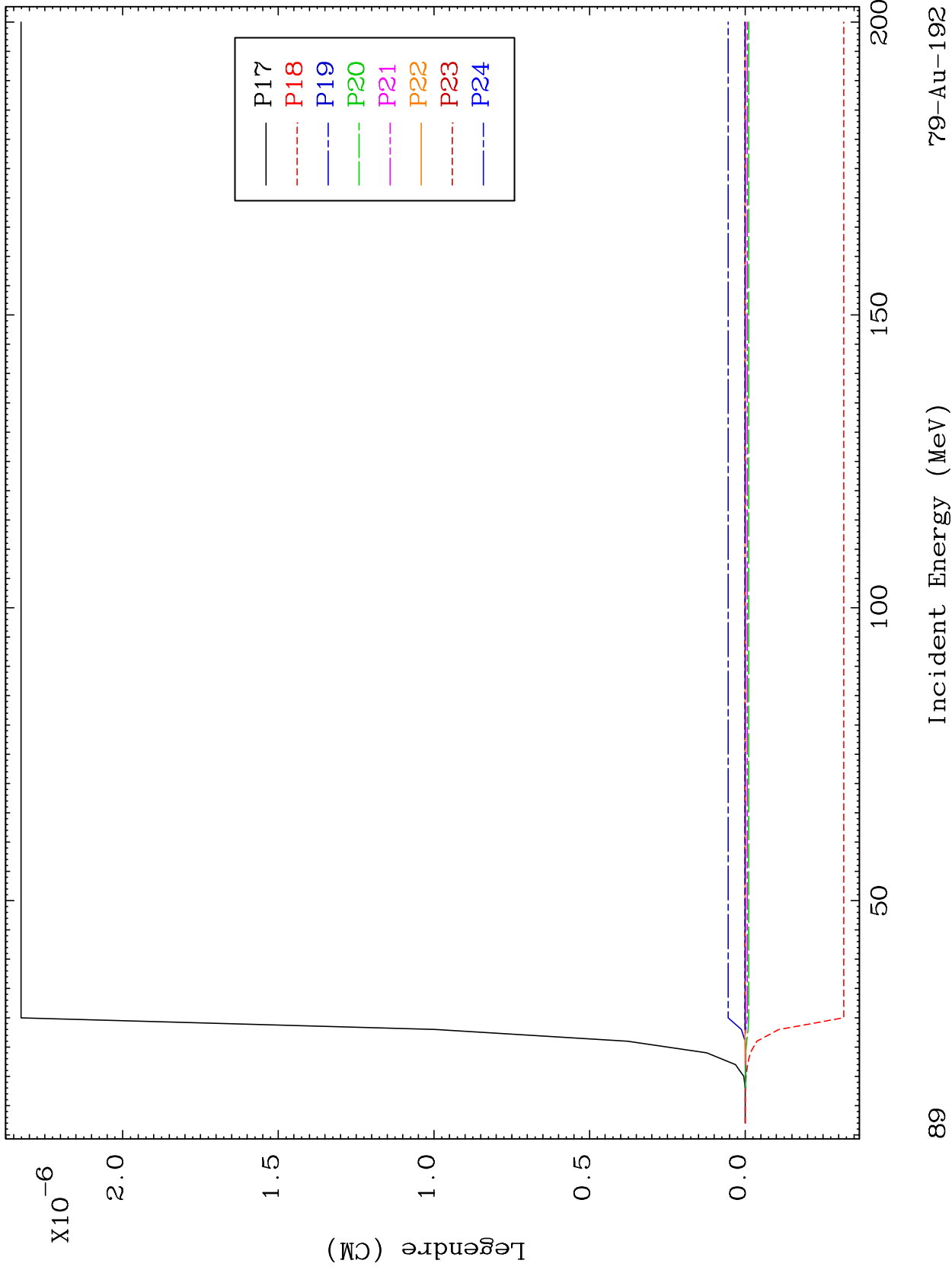
MT= 74 (n,n') Level
Legendre Coefficients

79-Au-192



88

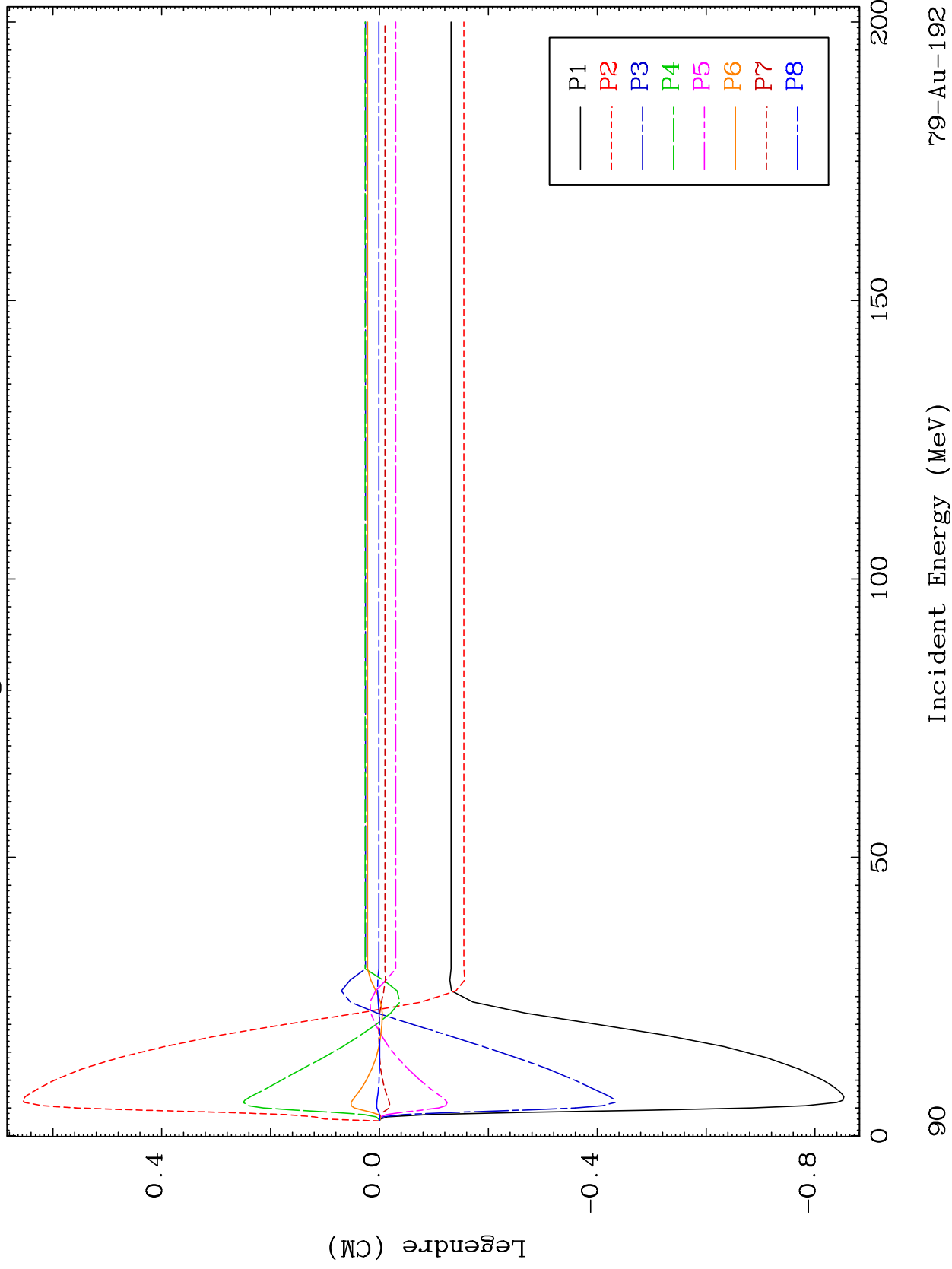
79-Au-192



MAT 7910

MT= 75 (n,n') Level
Legendre Coefficients

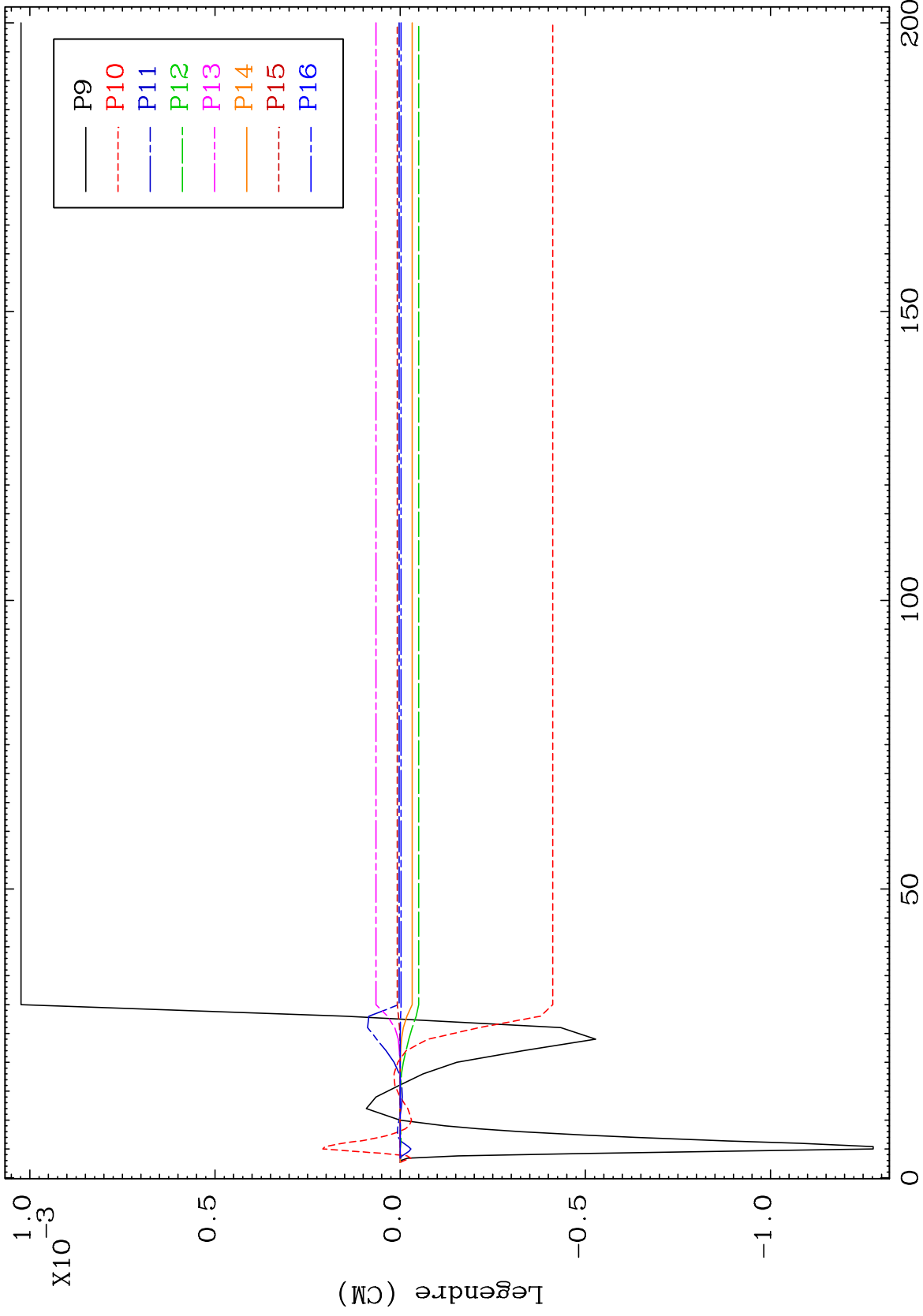
79-Au-192



MAT 7910

MT= 75 (n,n') Level
Legendre Coefficients

79-Au-192



91

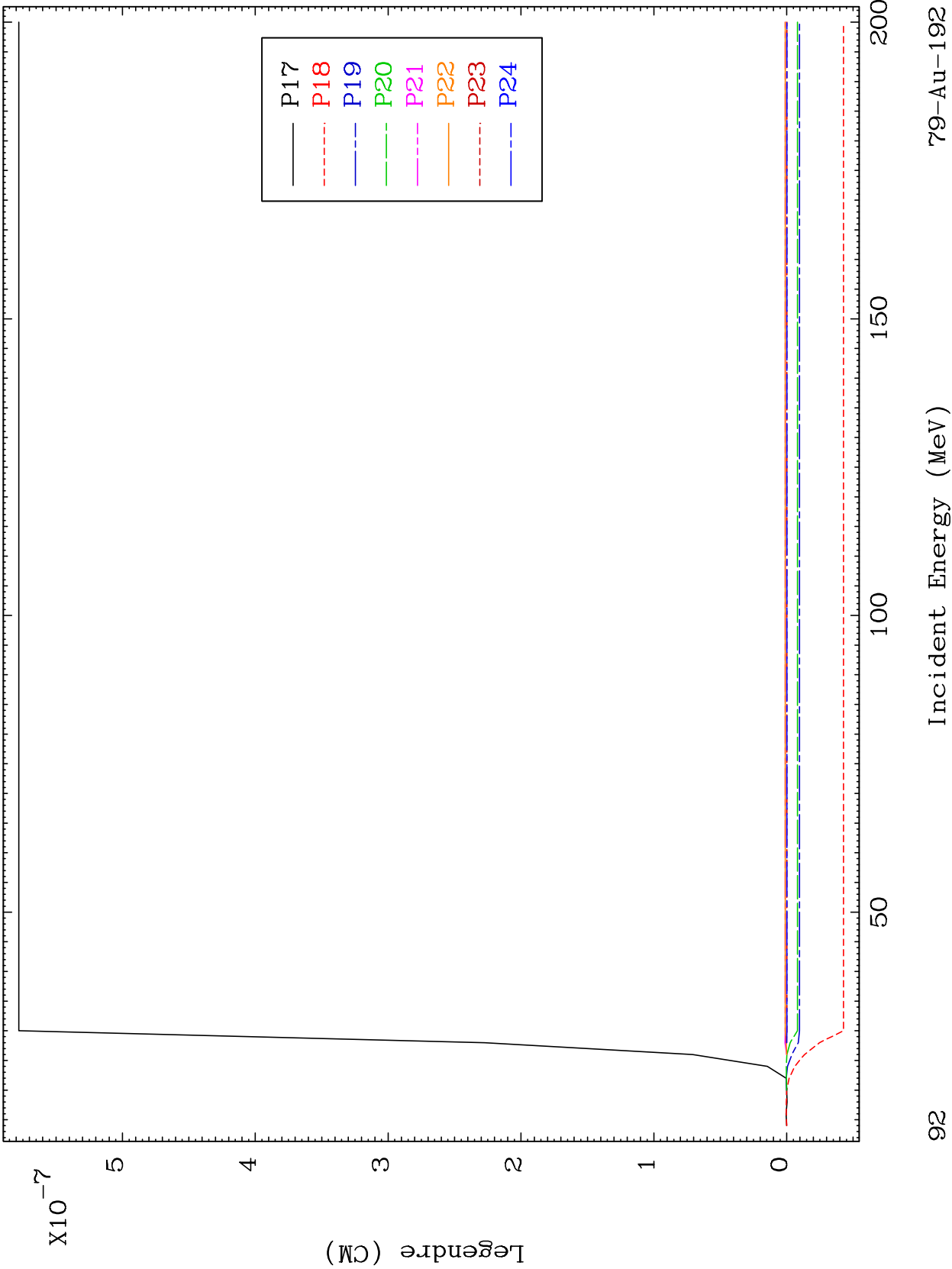
Incident Energy (MeV)

79-Au-192

MAT 7910

MT= 75 (n,n') Level
Legendre Coefficients

79-Au-192



92

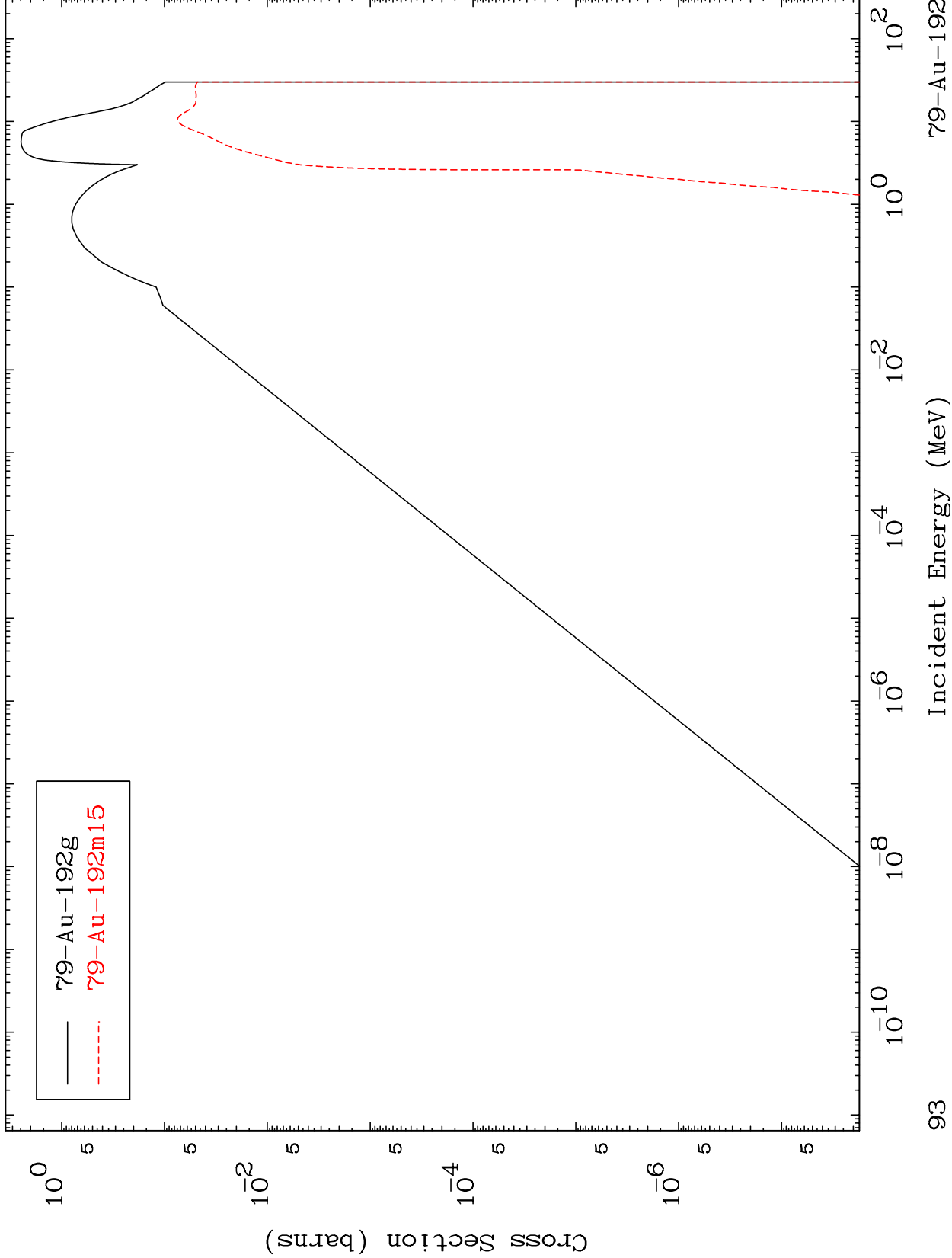
Incident Energy (MeV)

79-Au-192

MAT 7910

Inelastic
Radionuclide Production Cross Section

79-Au-192

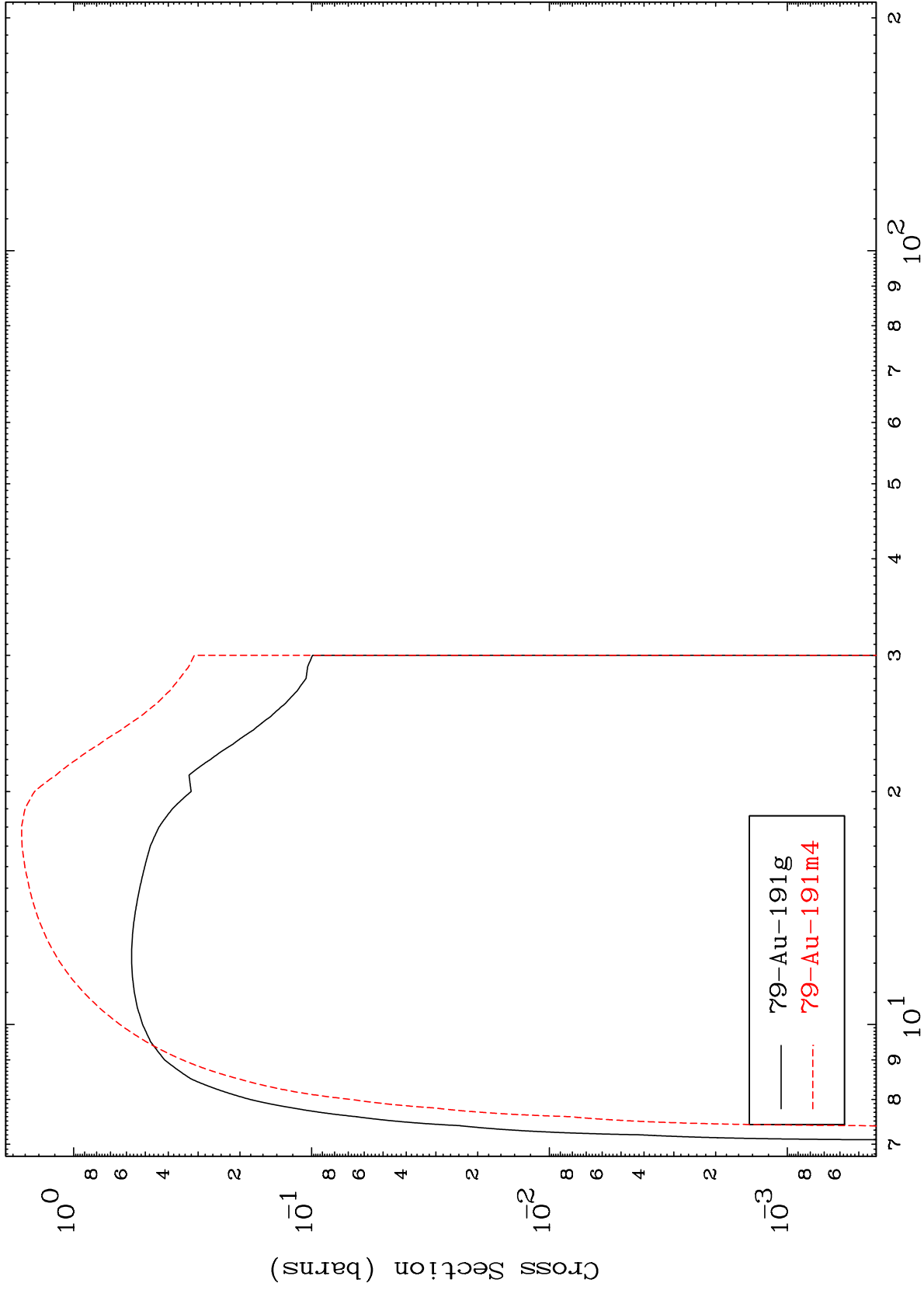


MAT 7910

(n,2n)

79-Au-192

Radionuclide Production Cross Section



94

Incident Energy (MeV)

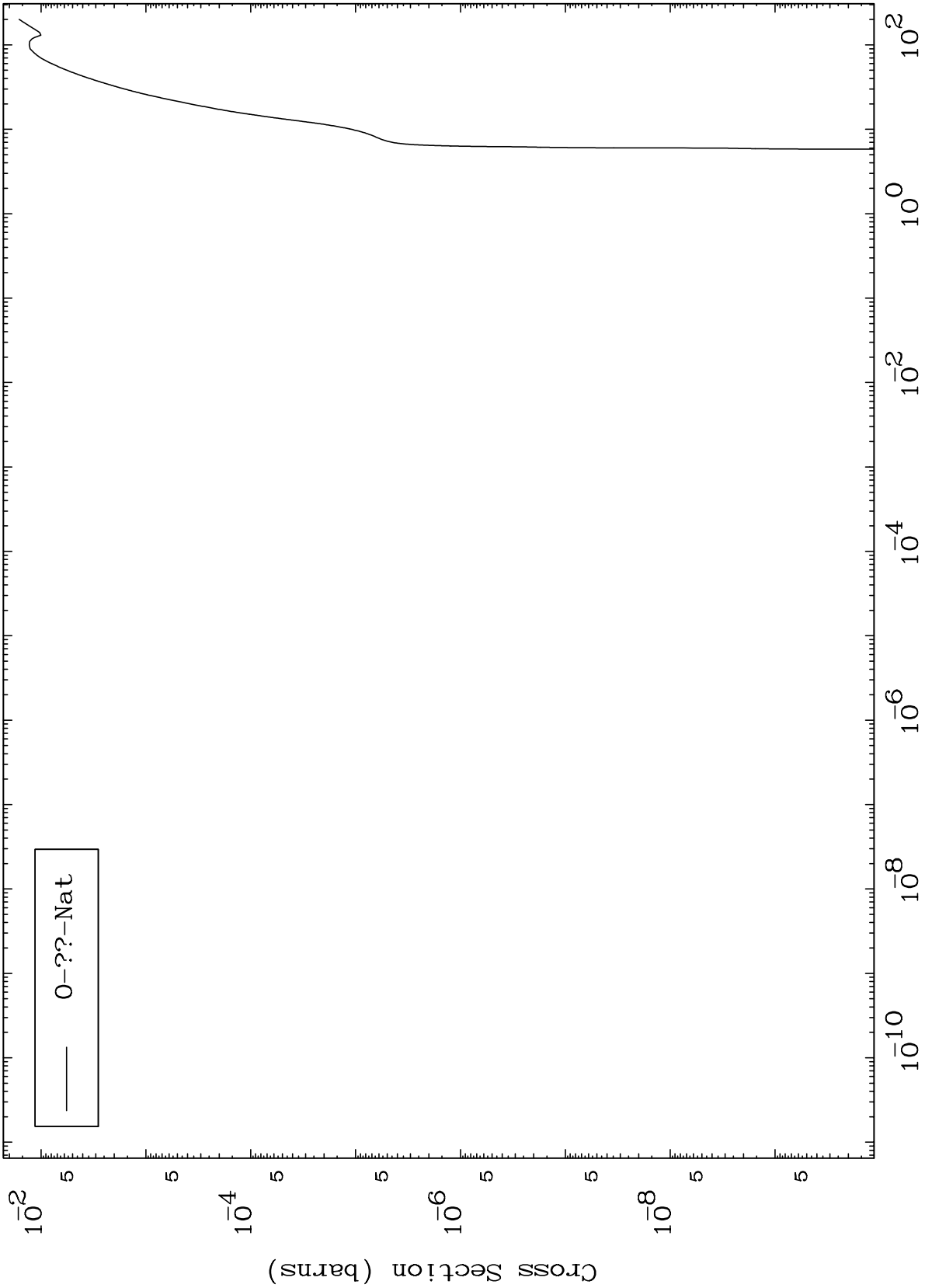
79-Au-192

MAT 7910

Fission

⁷⁹Au-192

Radionuclide Production Cross Section



95

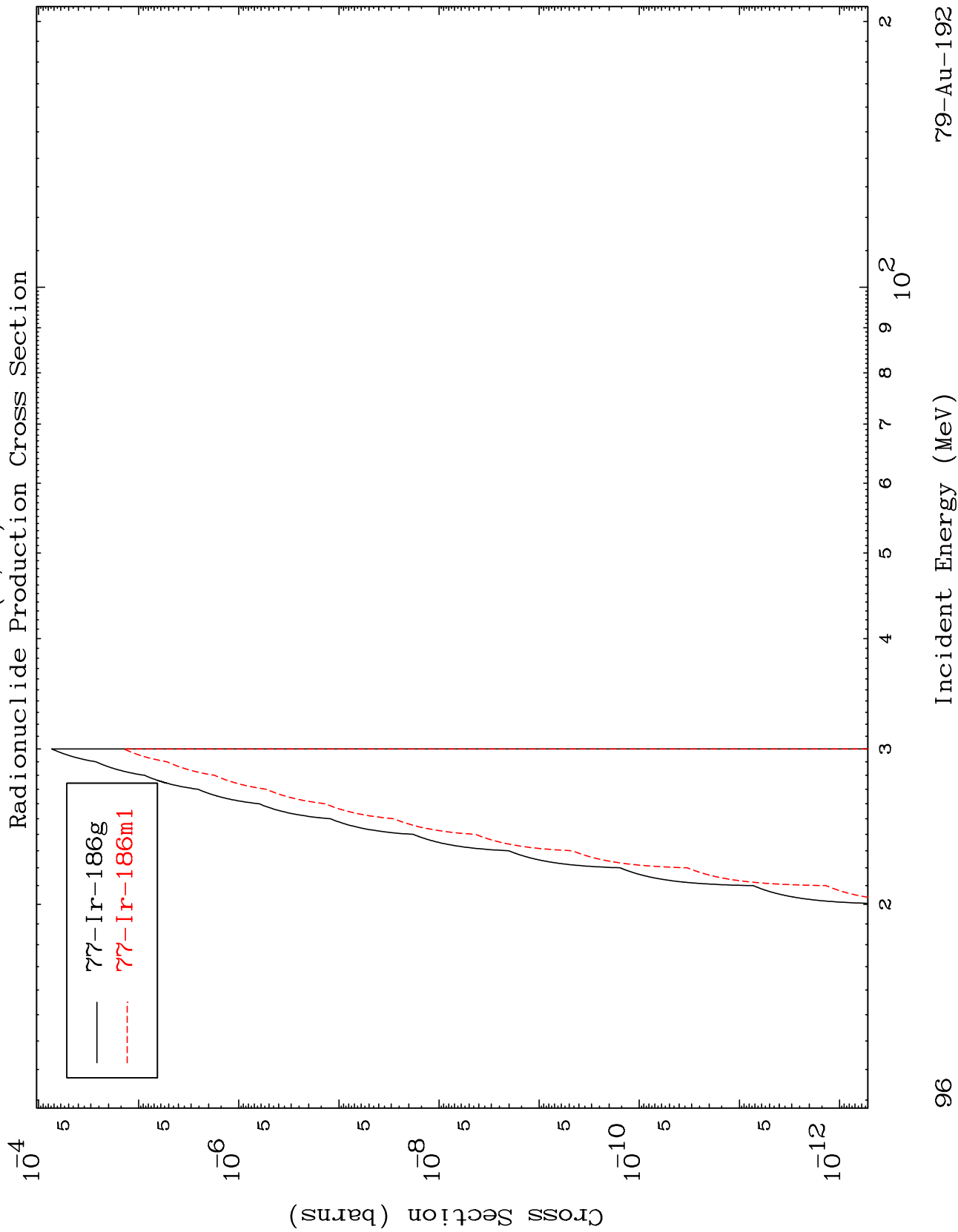
Incident Energy (MeV)

⁷⁹Au-192

MAT 7910

$(n,3n) \alpha$

$^{79}\text{Au-192}$

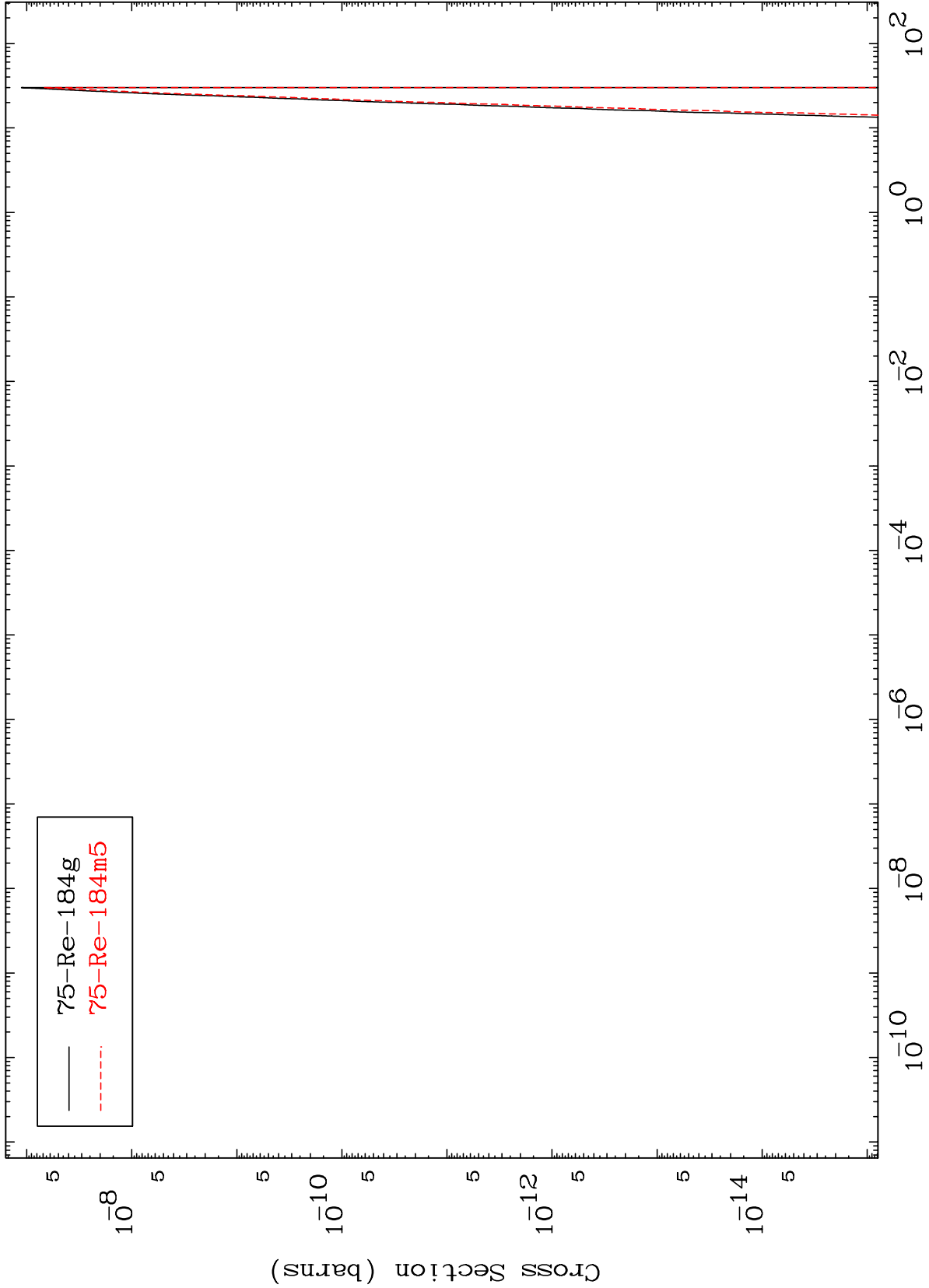


MAT 7910

(n,n') 2α

79-Au-192

Radionuclide Production Cross Section



97

Incident Energy (MeV)

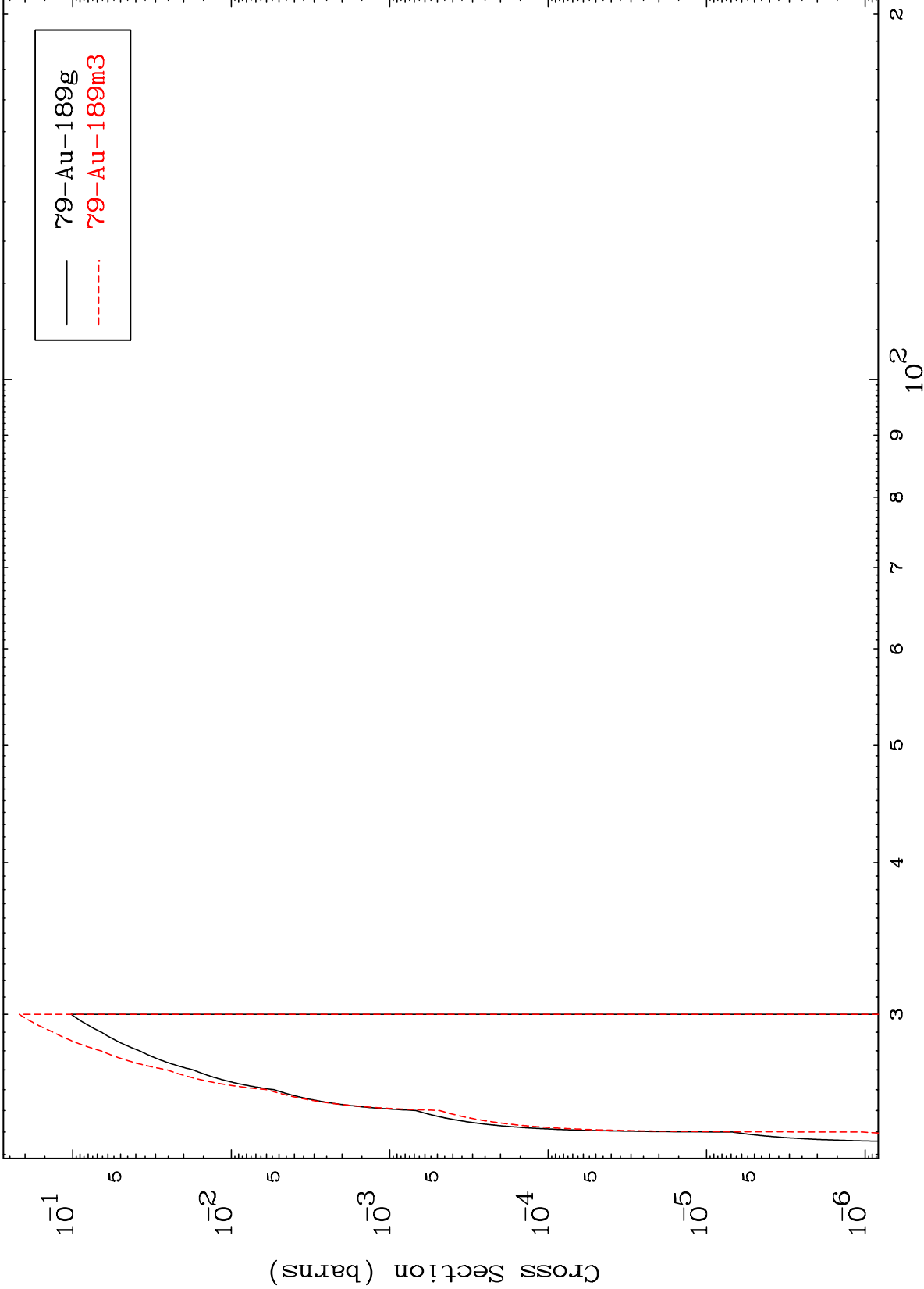
79-Au-192

MAT 7910

(n,4n)

79-Au-192

Radionuclide Production Cross Section



79-Au-189g
79-Au-189m3

98

Incident Energy (MeV)

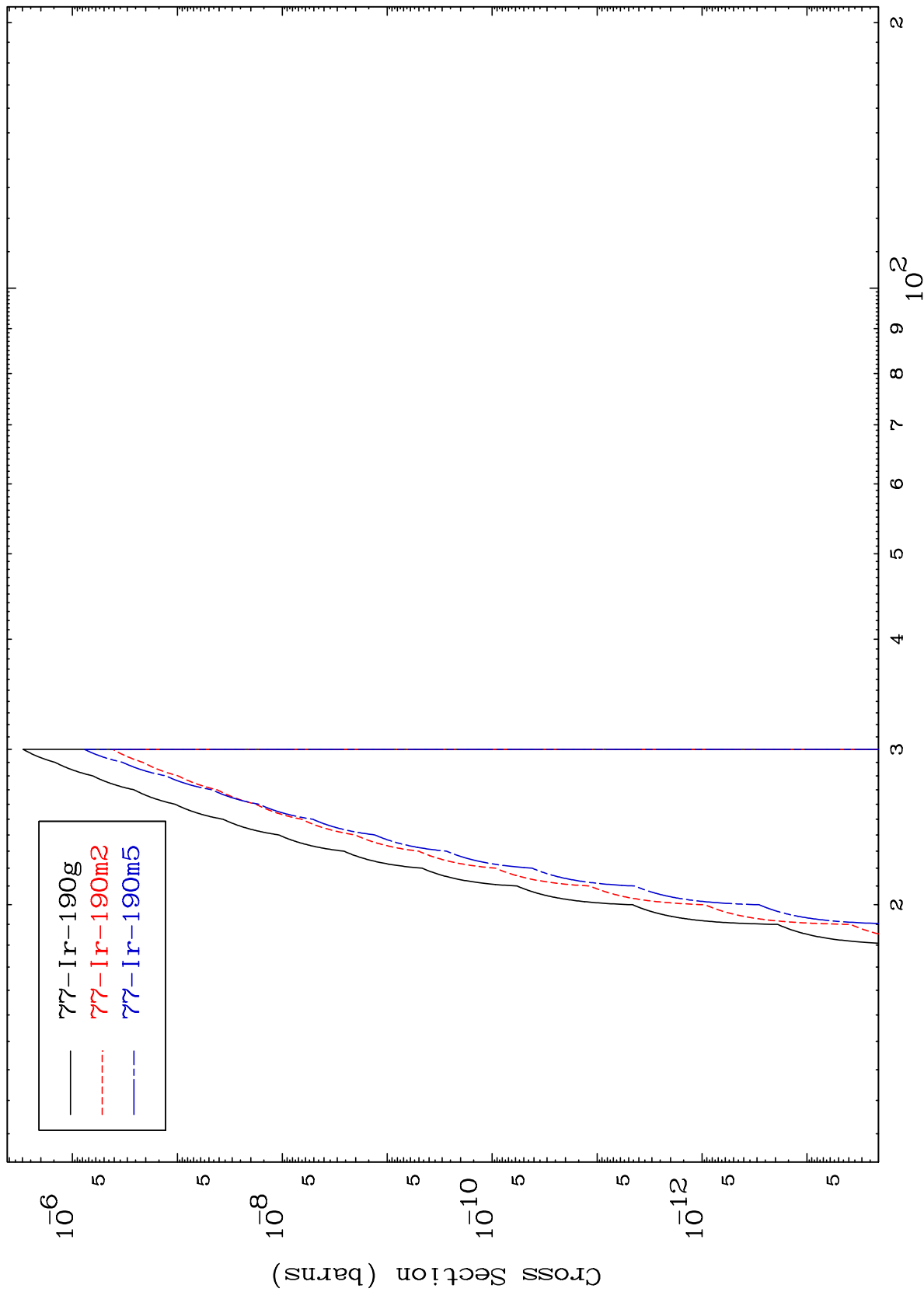
79-Au-192

MAT 7910

(n,2n) p

79-Au-192

Radionuclide Production Cross Section



99

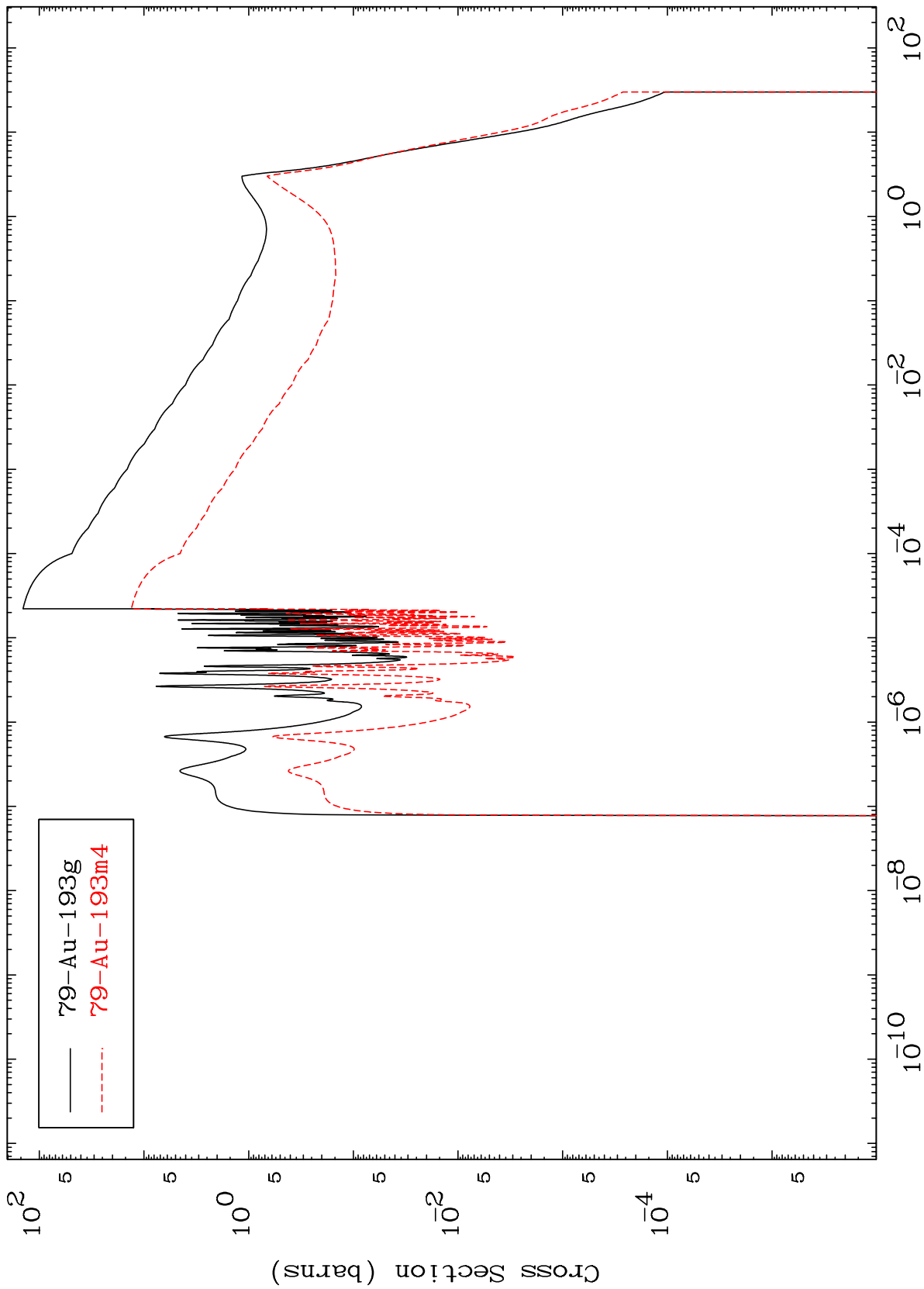
Incident Energy (MeV)

79-Au-192

MAT 7910

79-Au-192

Radionuclide Production Cross Section (n,γ)



100

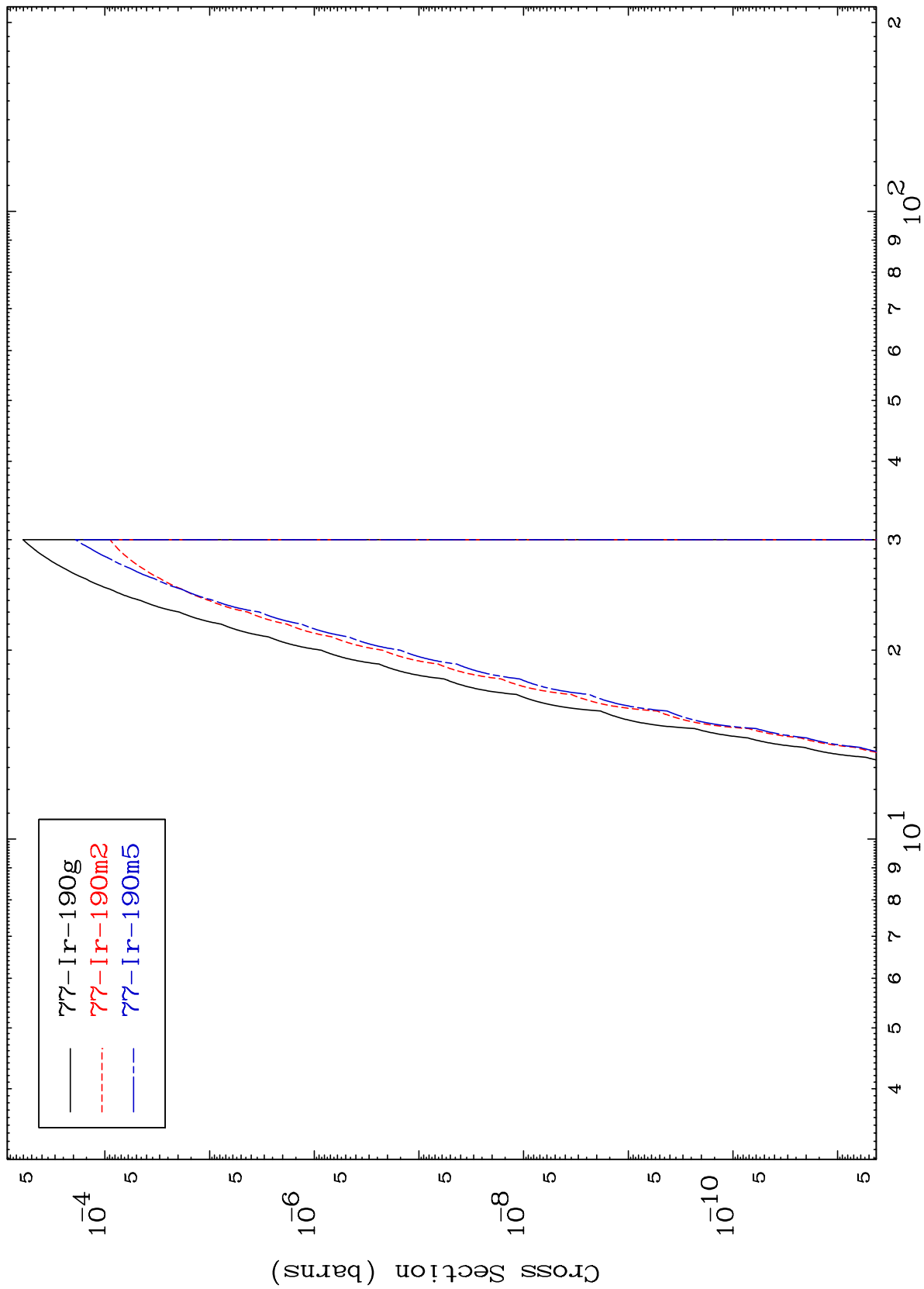
Incident Energy (MeV)

79-Au-192

MAT 7910

79-Au-192

Radionuclide Production Cross Section
(n,He-3)



101

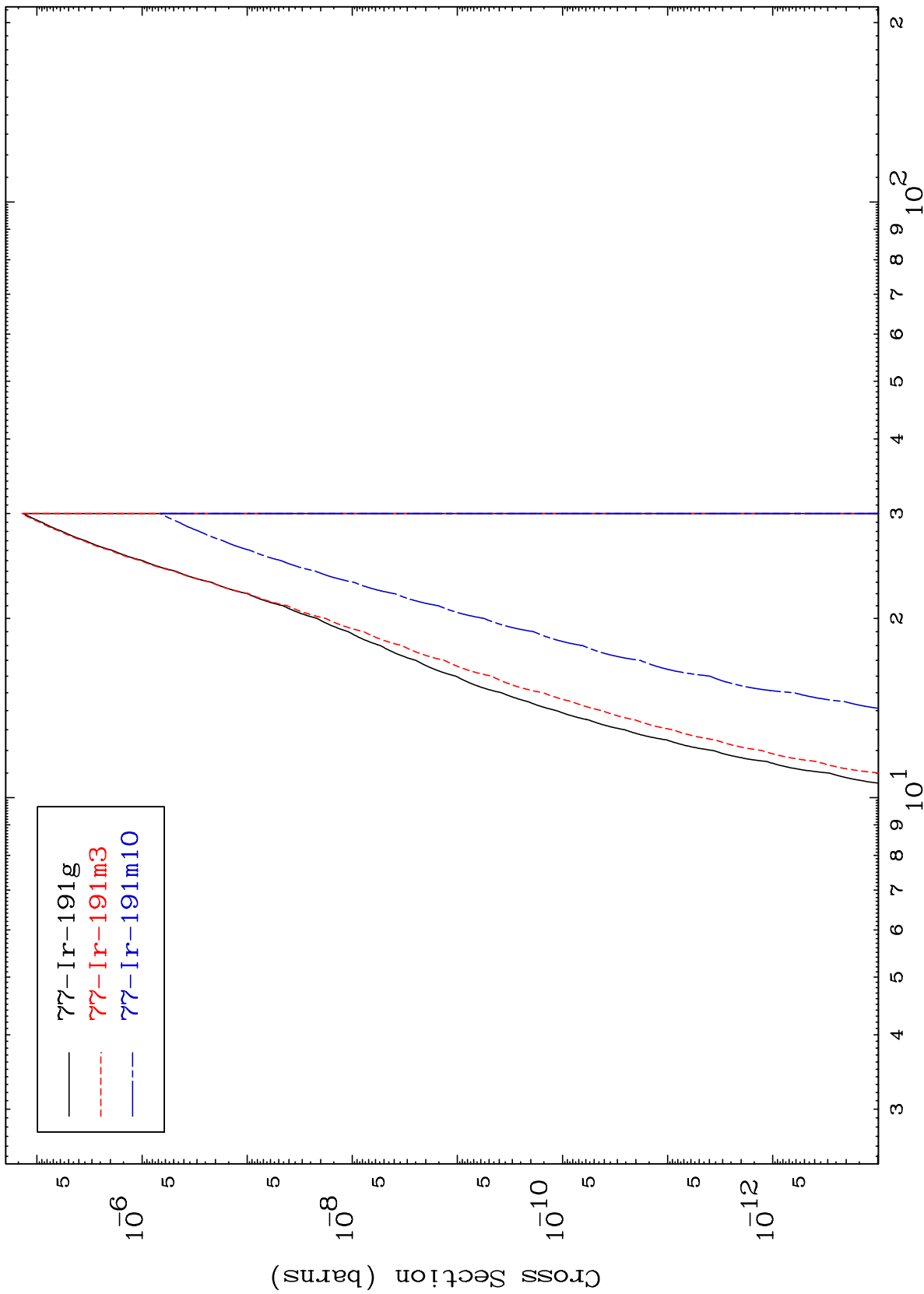
79-Au-192

Incident Energy (MeV)

MAT 7910

79-Au-192

(n,2p)
Radionuclide Production Cross Section



102

Incident Energy (MeV)

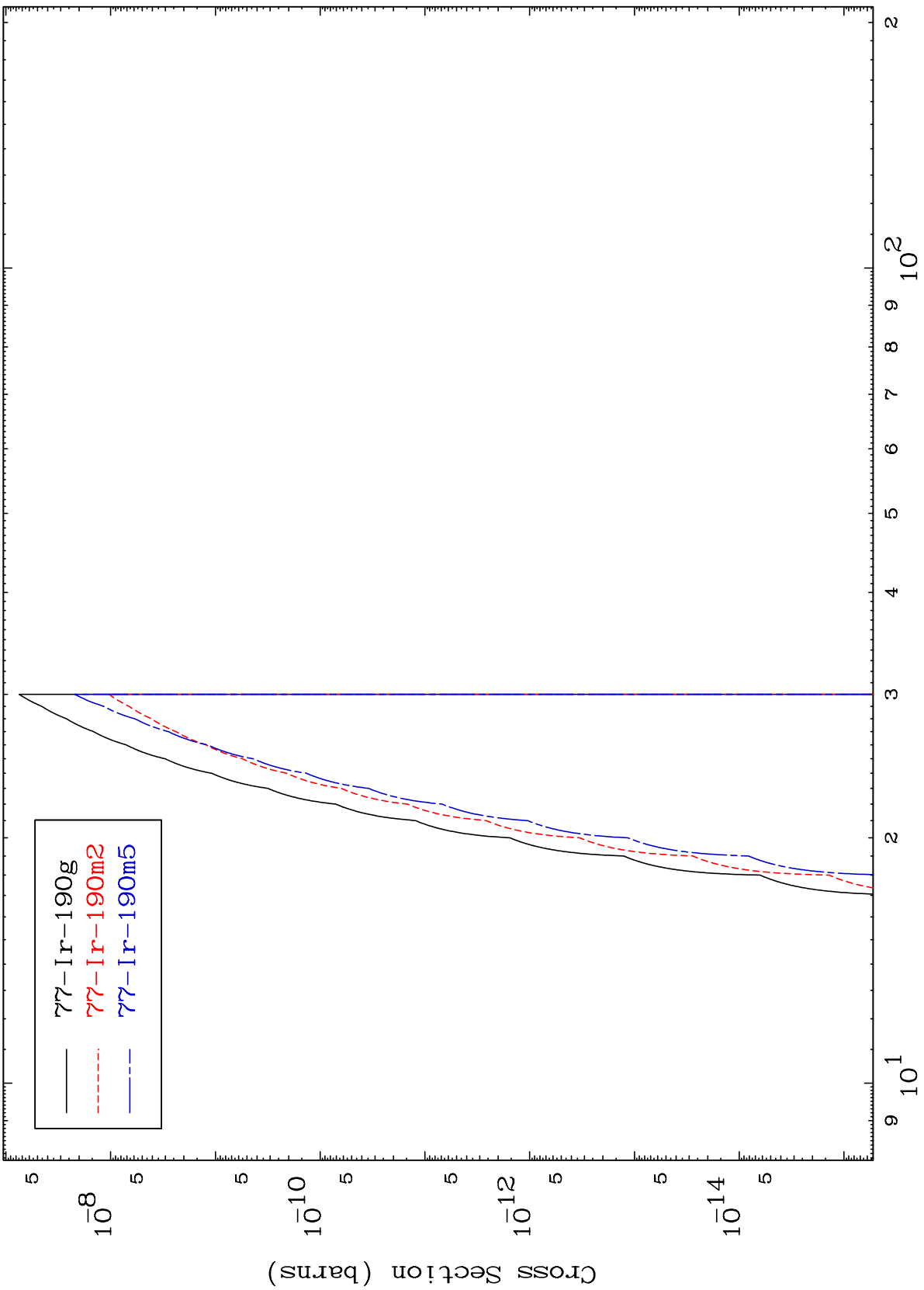
79-Au-192

MAT 7910

(n,p) d

79-Au-192

Radionuclide Production Cross Section



103

Incident Energy (MeV)

79-Au-192