

Program EVALPLOT
(Version 2021-1)

by

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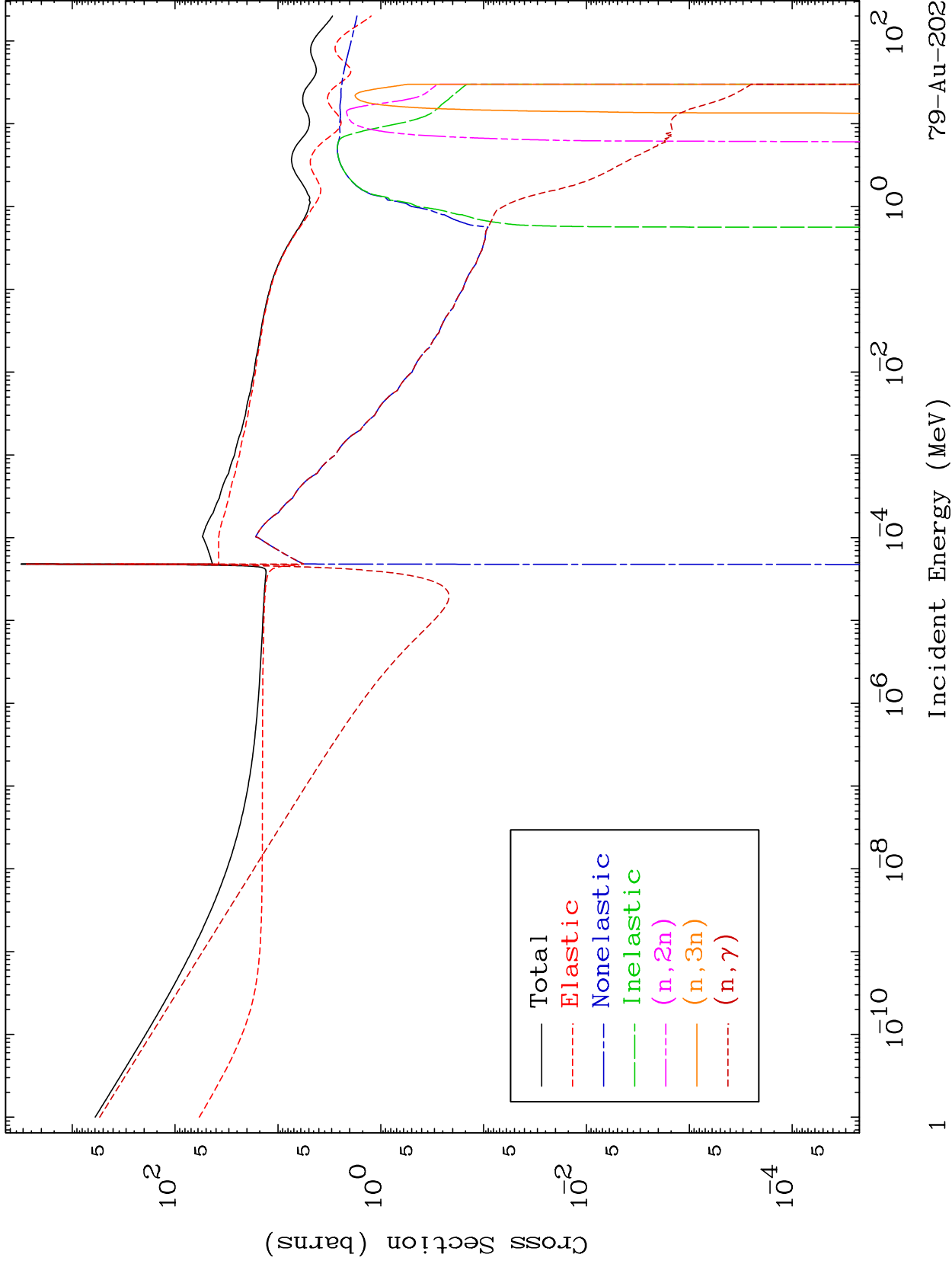
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7940

Neutron Major
293 Kelvin Cross Sections

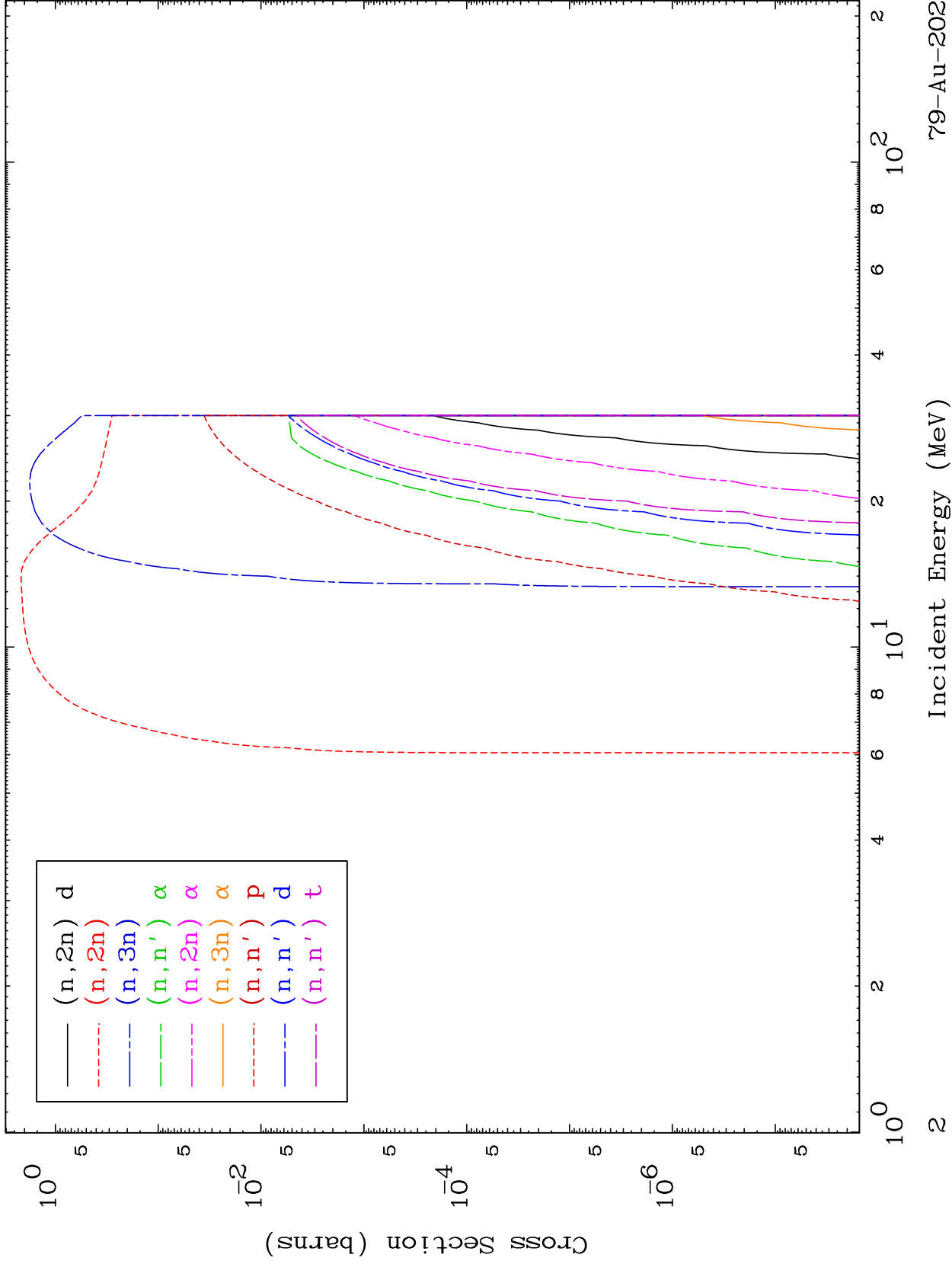
79-Au-202



MAT 7940

Neutron Absorption
293 Kelvin Cross Sections

79-Au-202



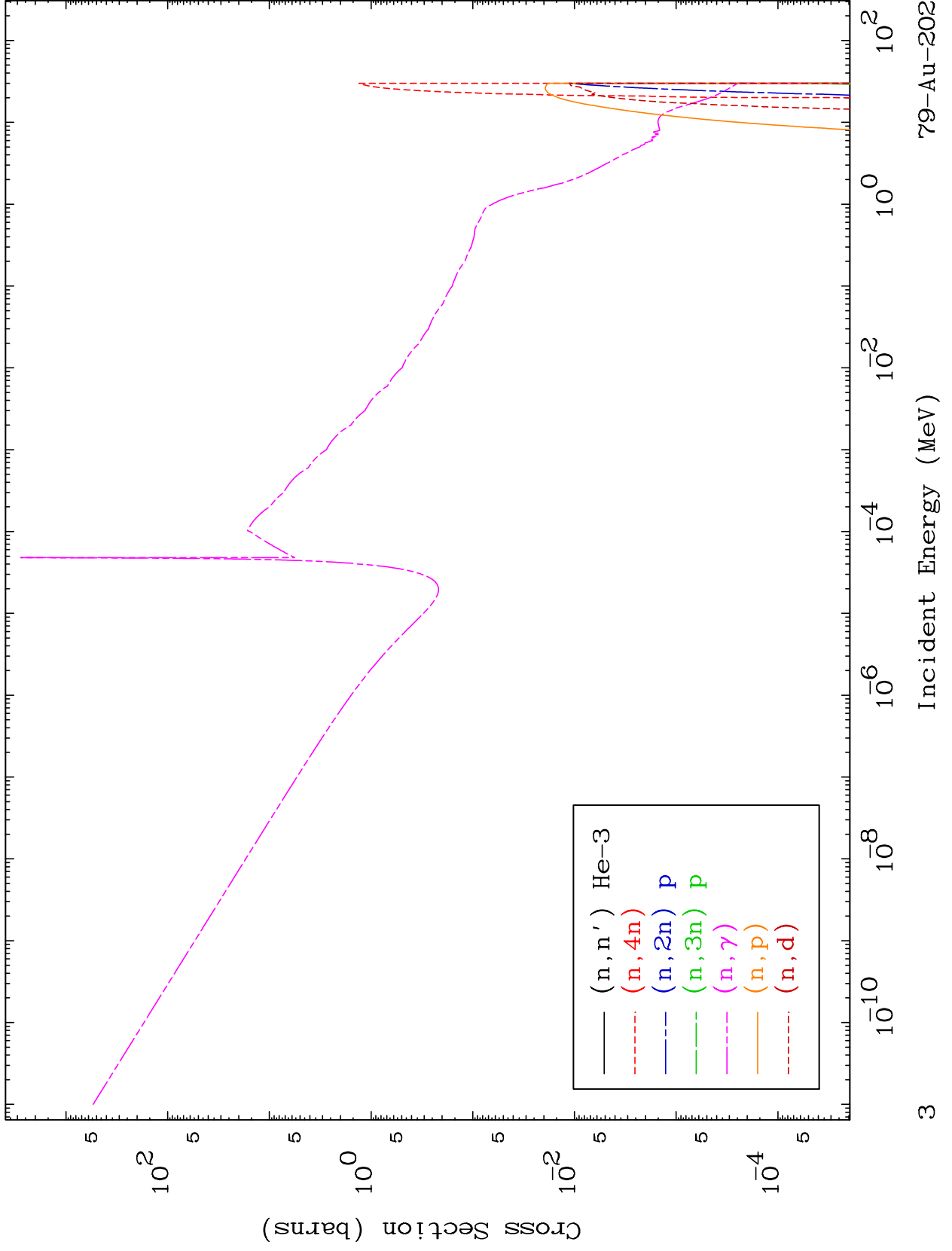
79-Au-202

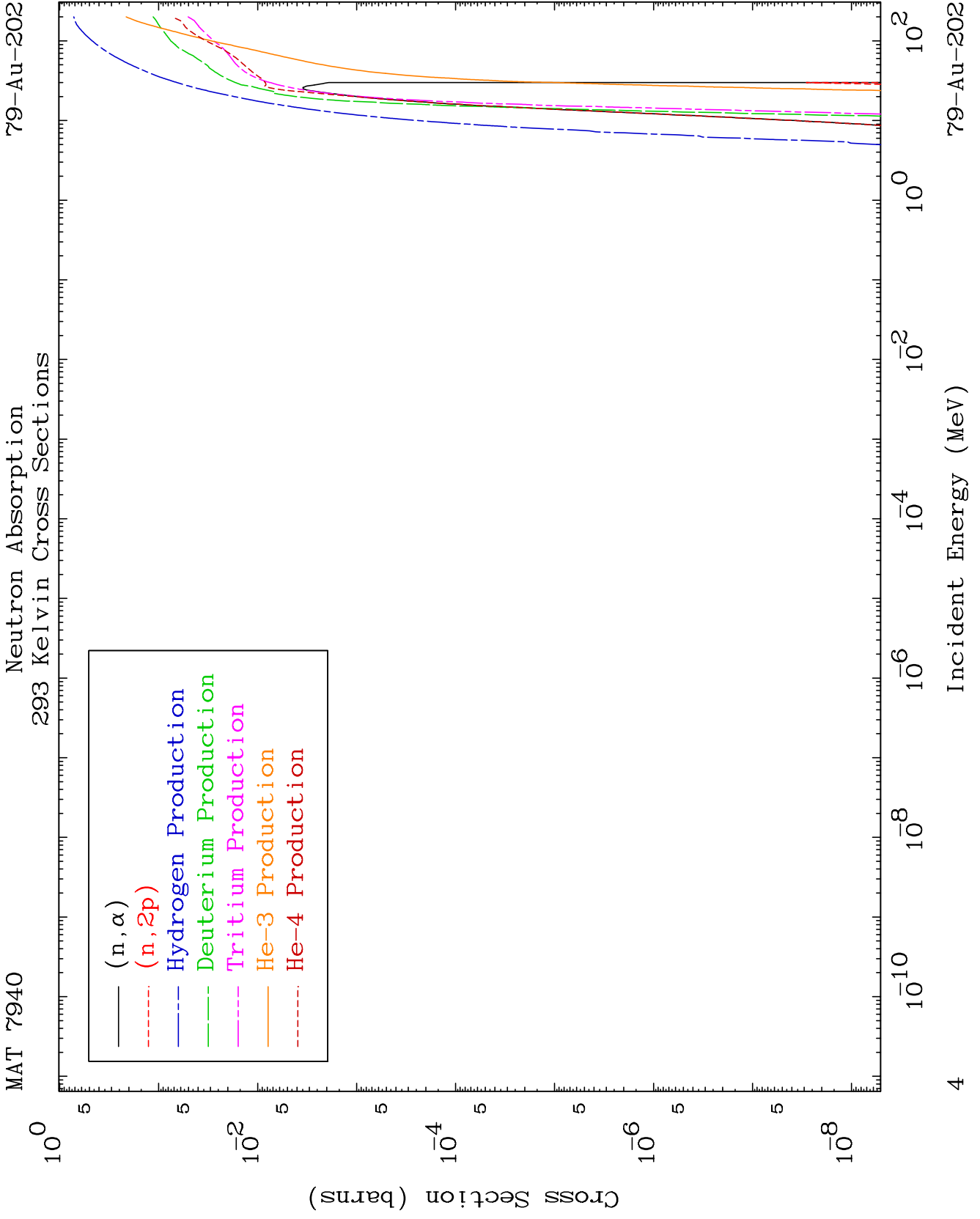
Incident Energy (MeV)

MAT 7940

Neutron Absorption
293 Kelvin Cross Sections

79-Au-202

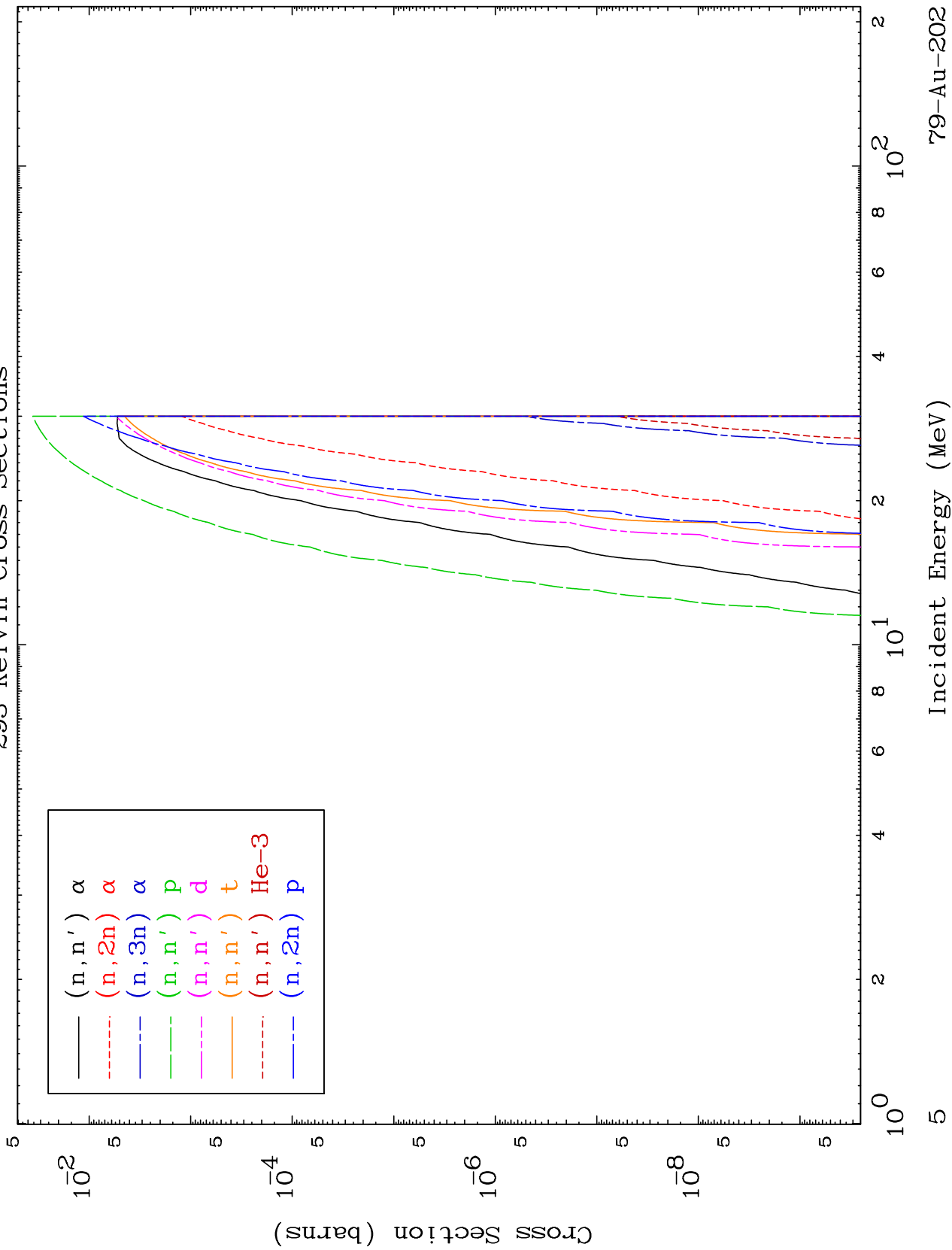




MAT 7940

Charged Particle
293 Kelvin Cross Sections

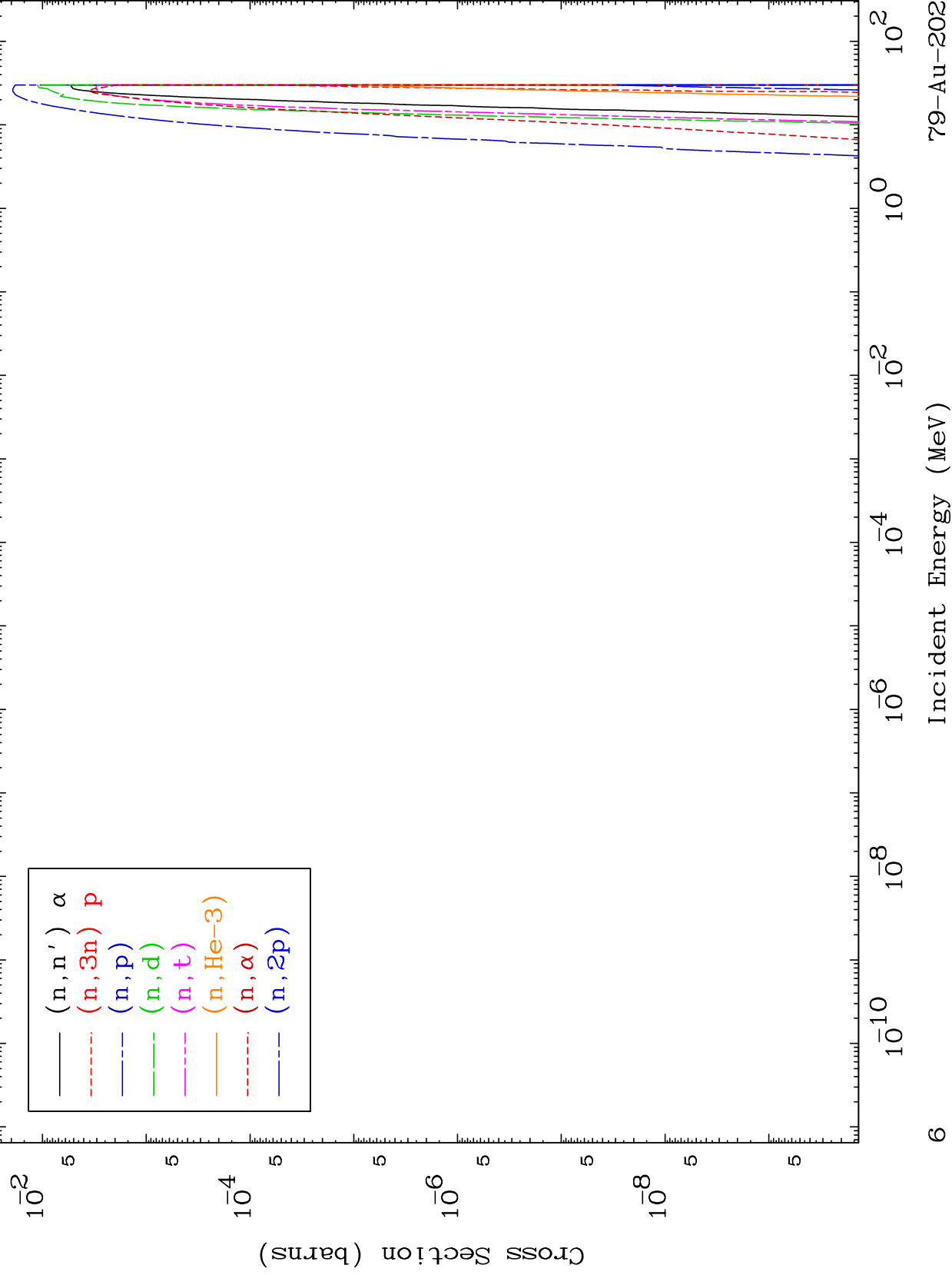
79-Au-202

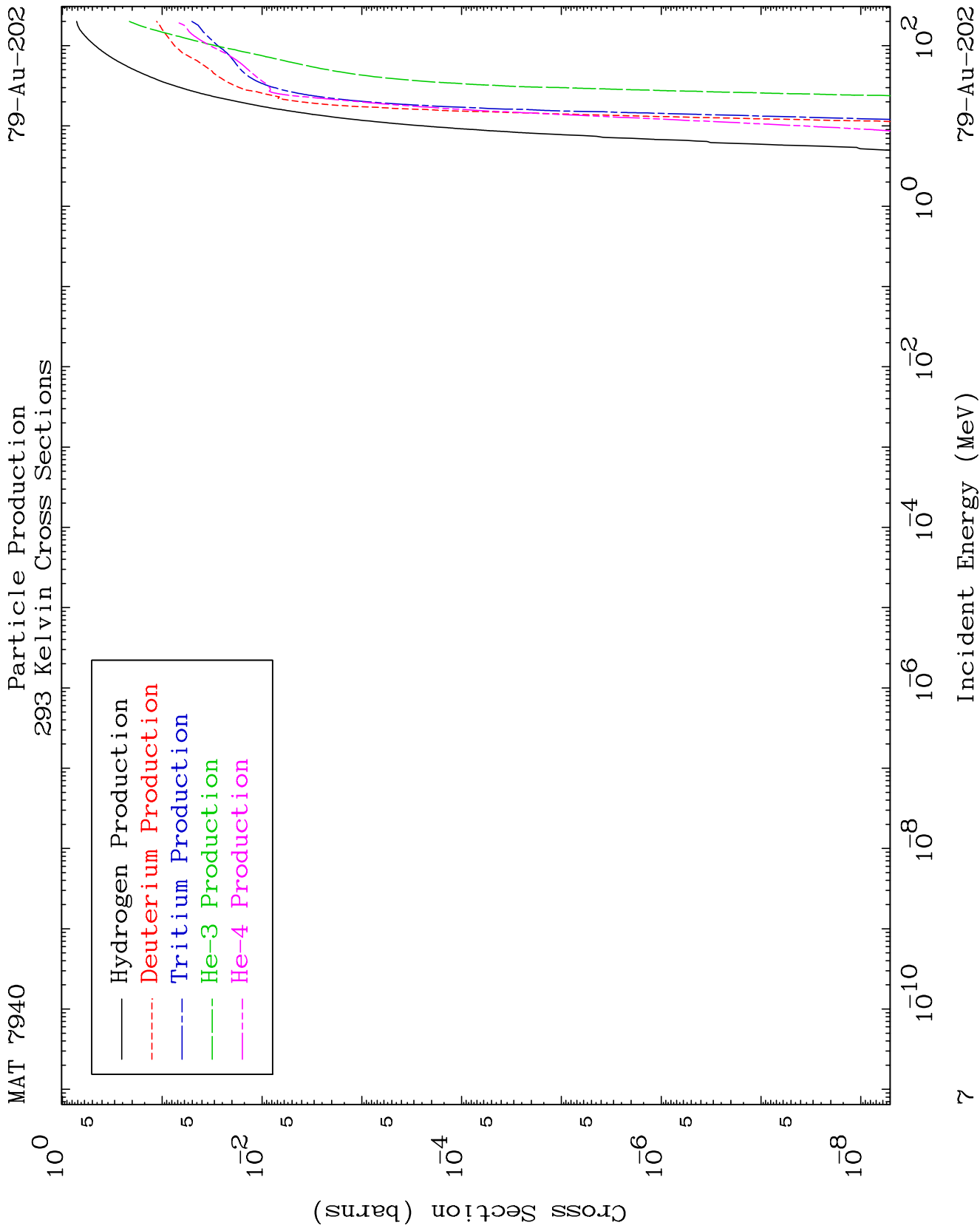


MAT 7940

Charged Particle
293 Kelvin Cross Sections

79-Au-202



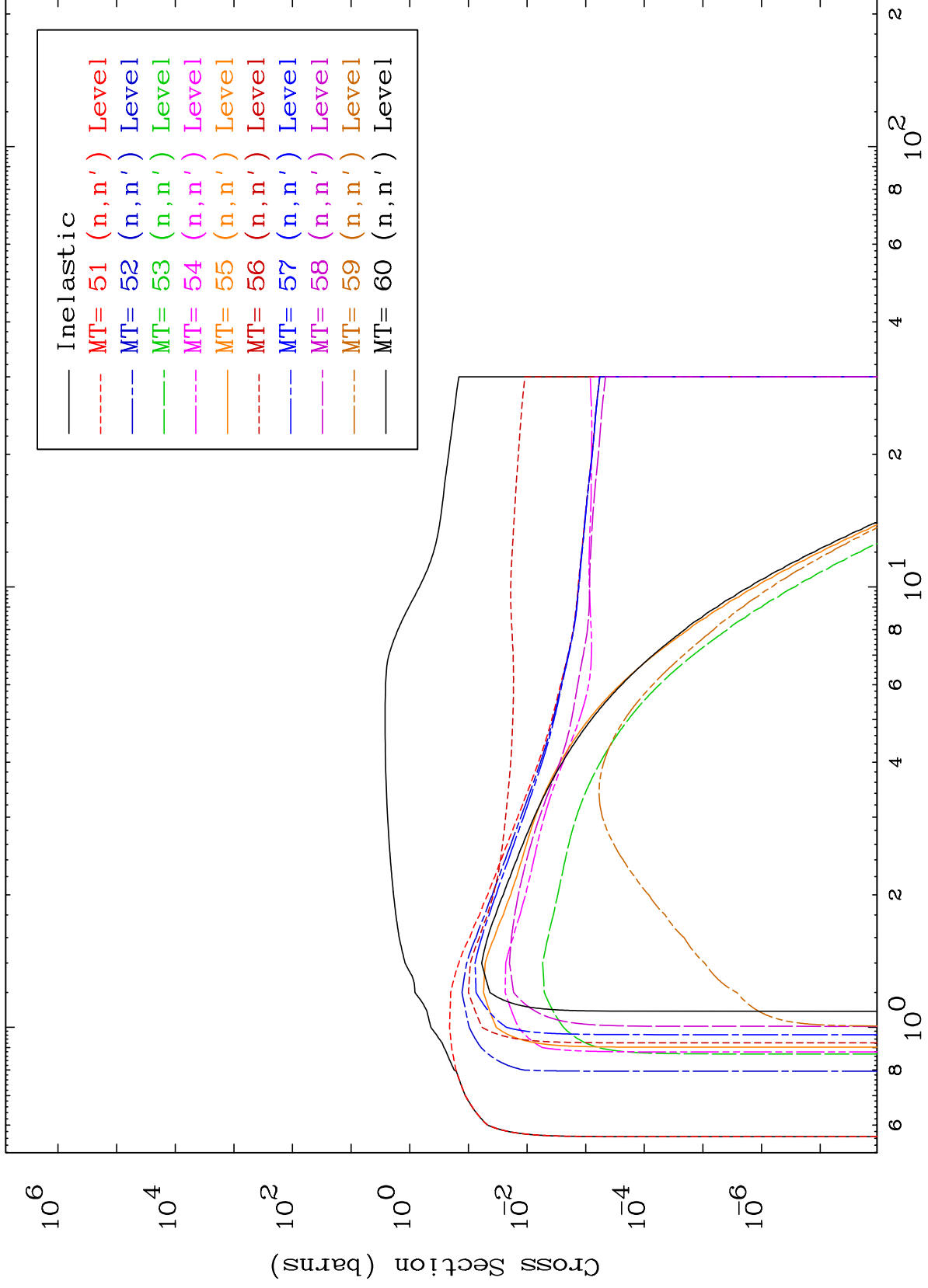


MAT 7940

(n,n') Levels

79-Au-202

293 Kelvin Cross Sections

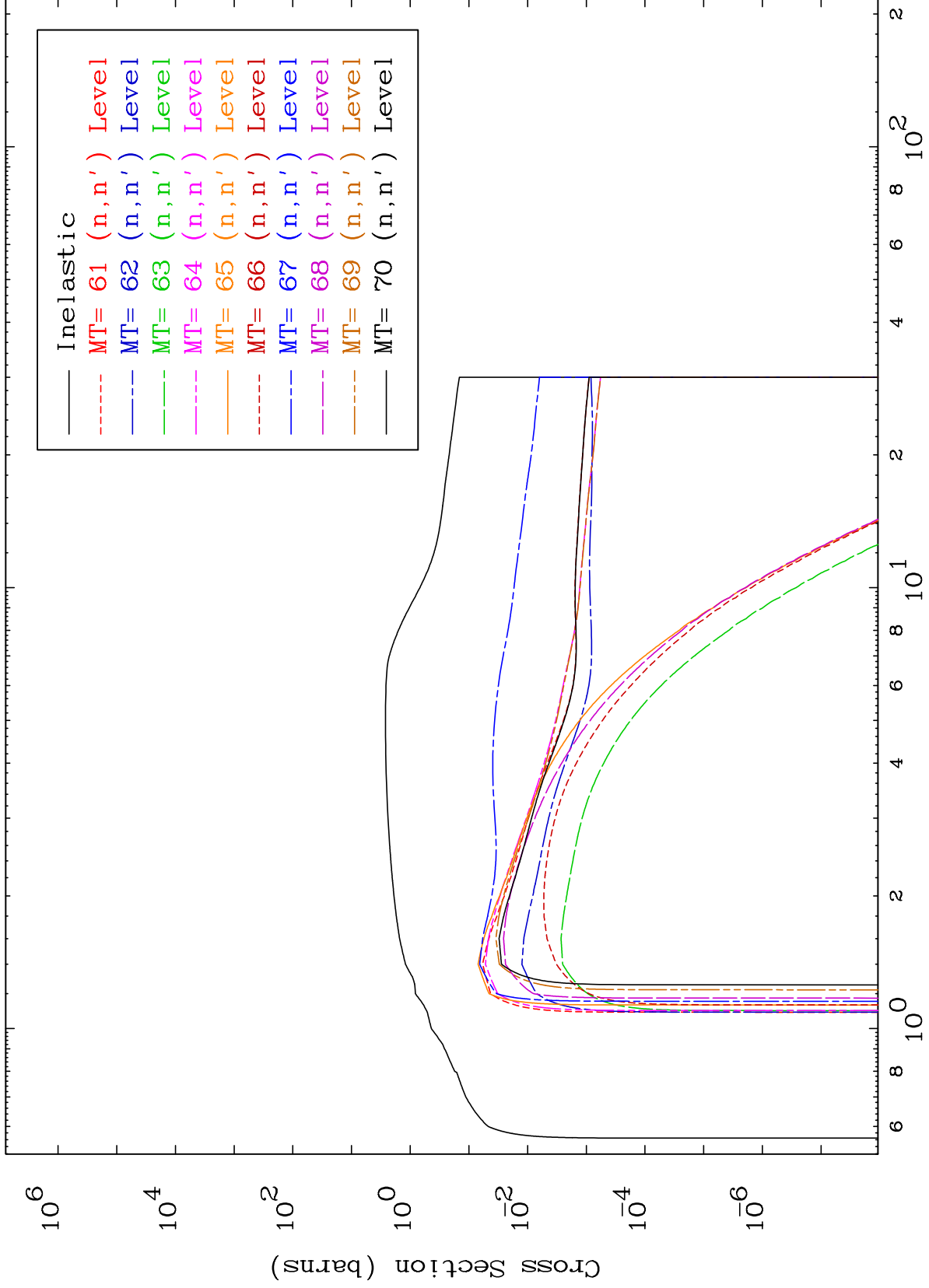


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Incident Energy (MeV)

79-Au-202

293 Kelvin Cross Sections

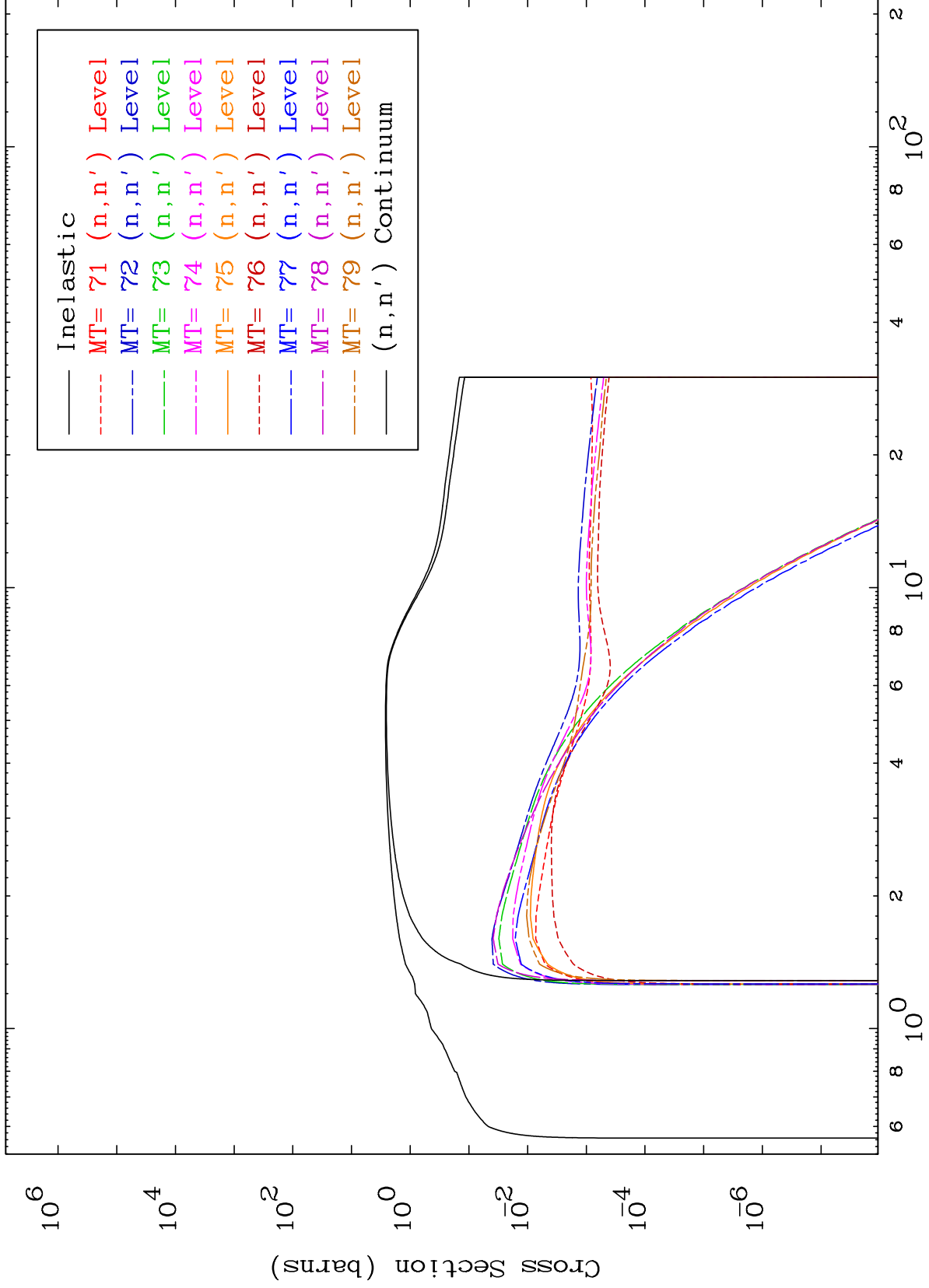


MAT 7940

(n,n') Levels

79-Au-202

293 Kelvin Cross Sections



10

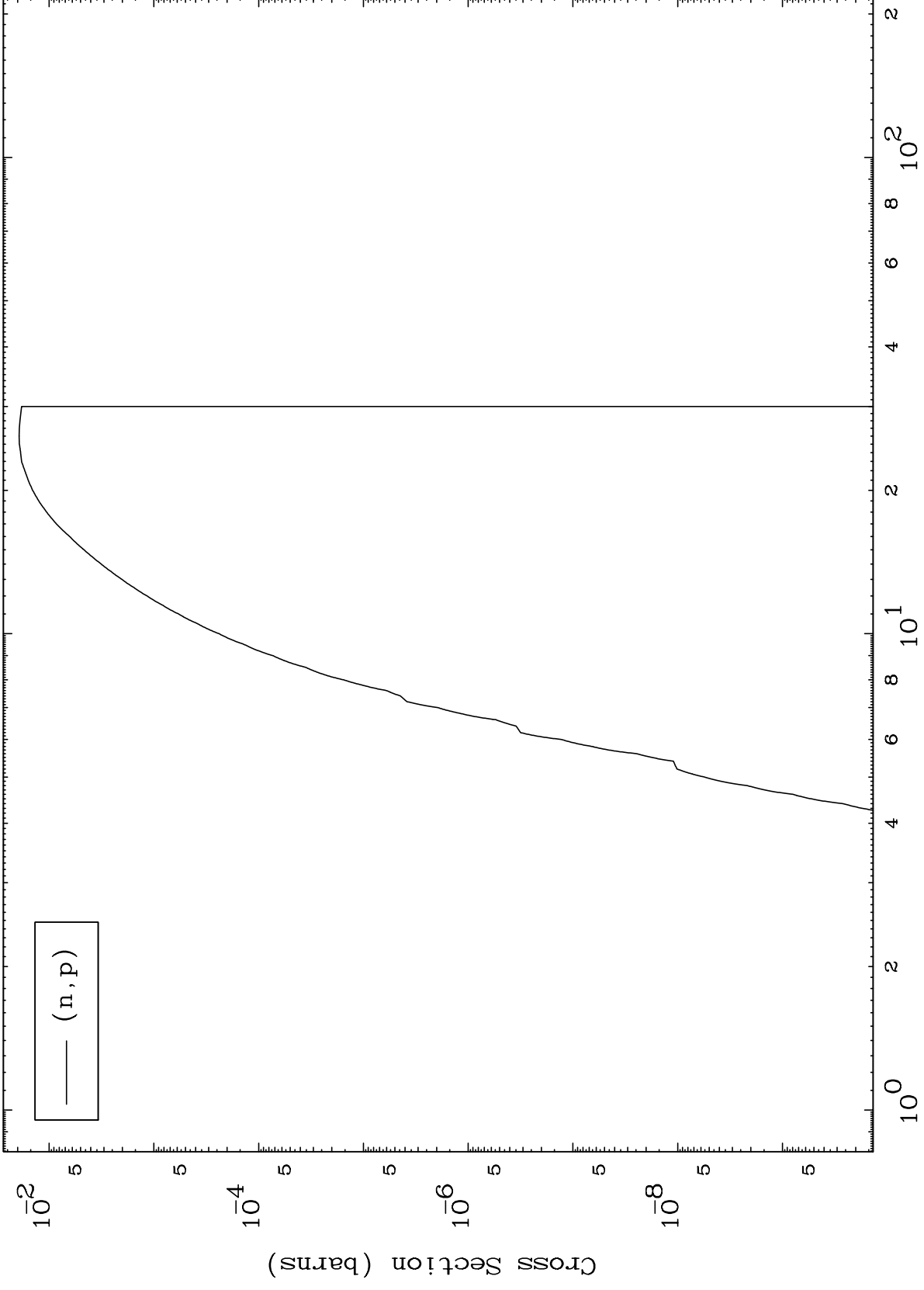
Incident Energy (MeV)

79-Au-202

MAT 7940

(n,p) Levels
293 Kelvin Cross Sections

79-Au-202



(n,p)

11

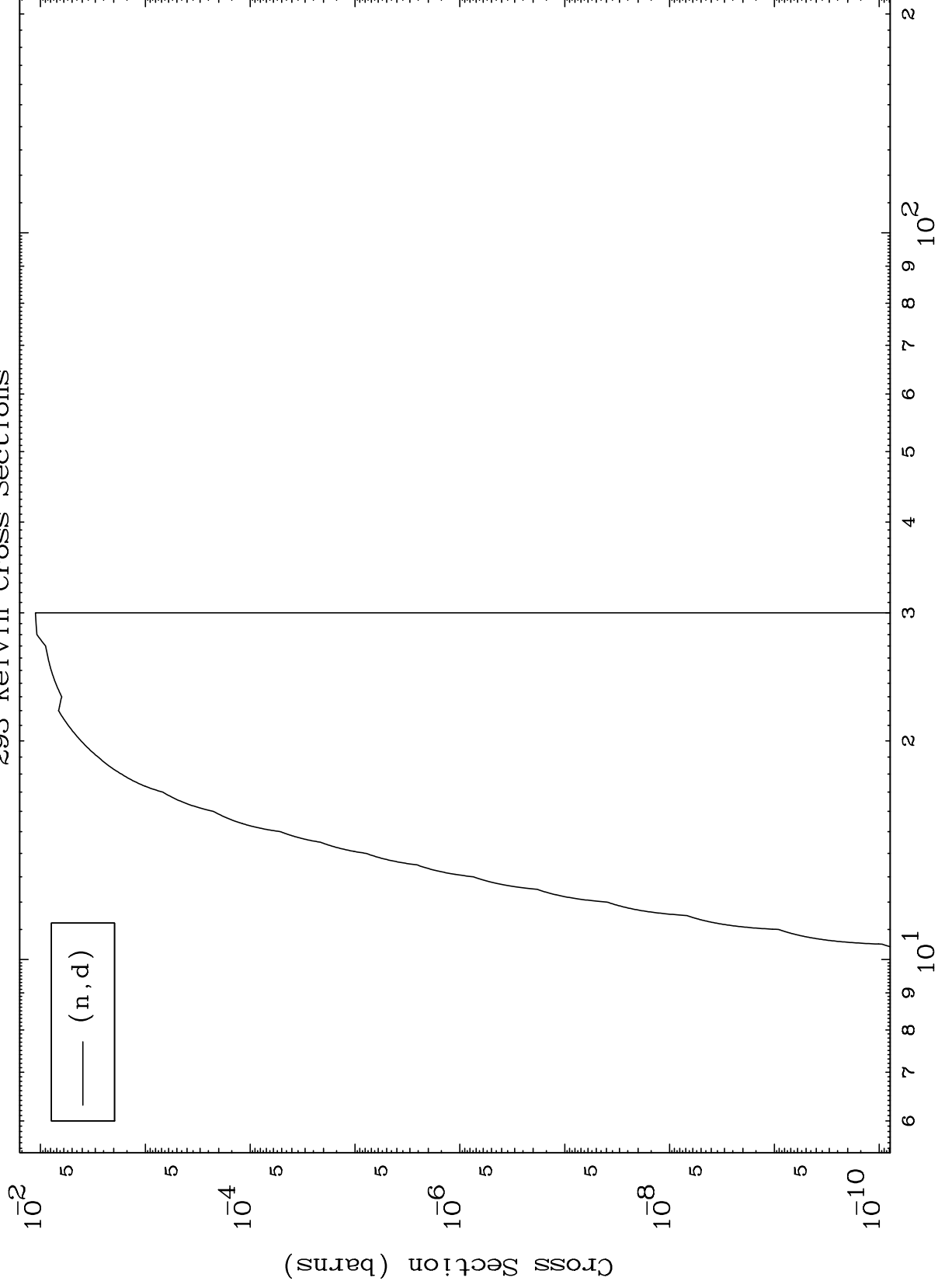
Incident Energy (MeV)

79-Au-202

MAT 7940

(n,d) Levels
293 Kelvin Cross Sections

79-Au-202



12

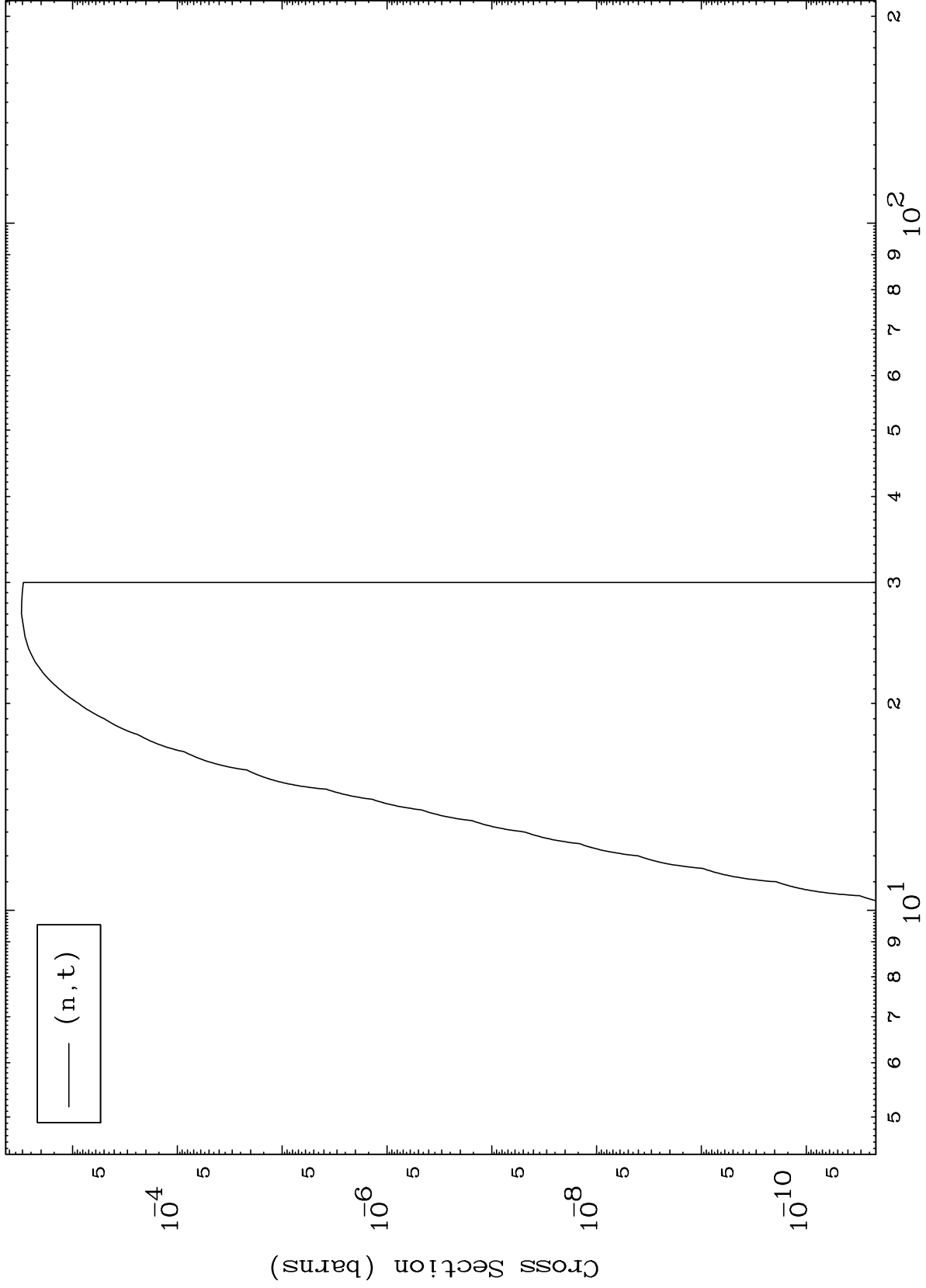
Incident Energy (MeV)

79-Au-202

MAT 7940

(n,t) Levels
293 Kelvin Cross Sections

79-Au-202



13

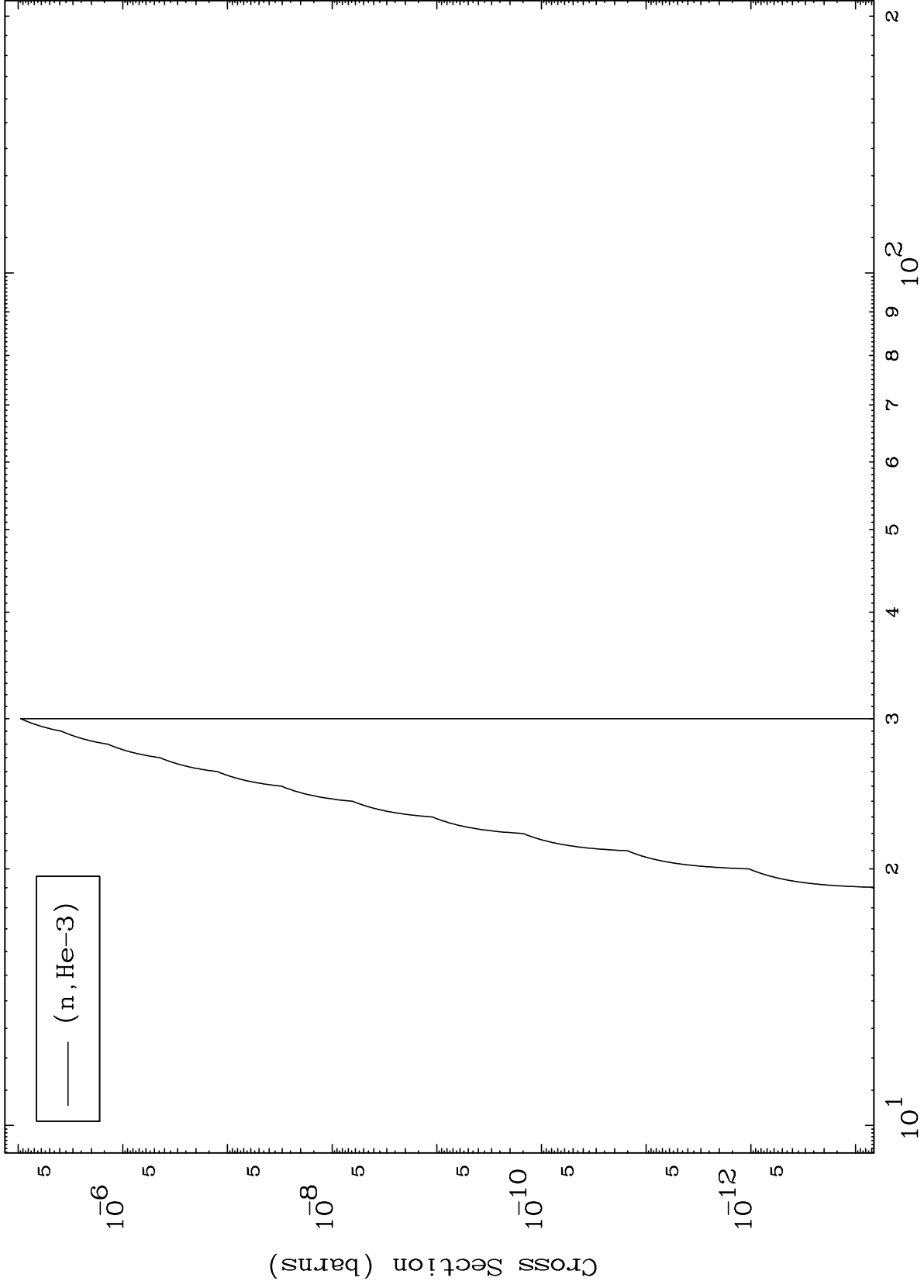
Incident Energy (MeV)

79-Au-202

MAT 7940

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-202



14

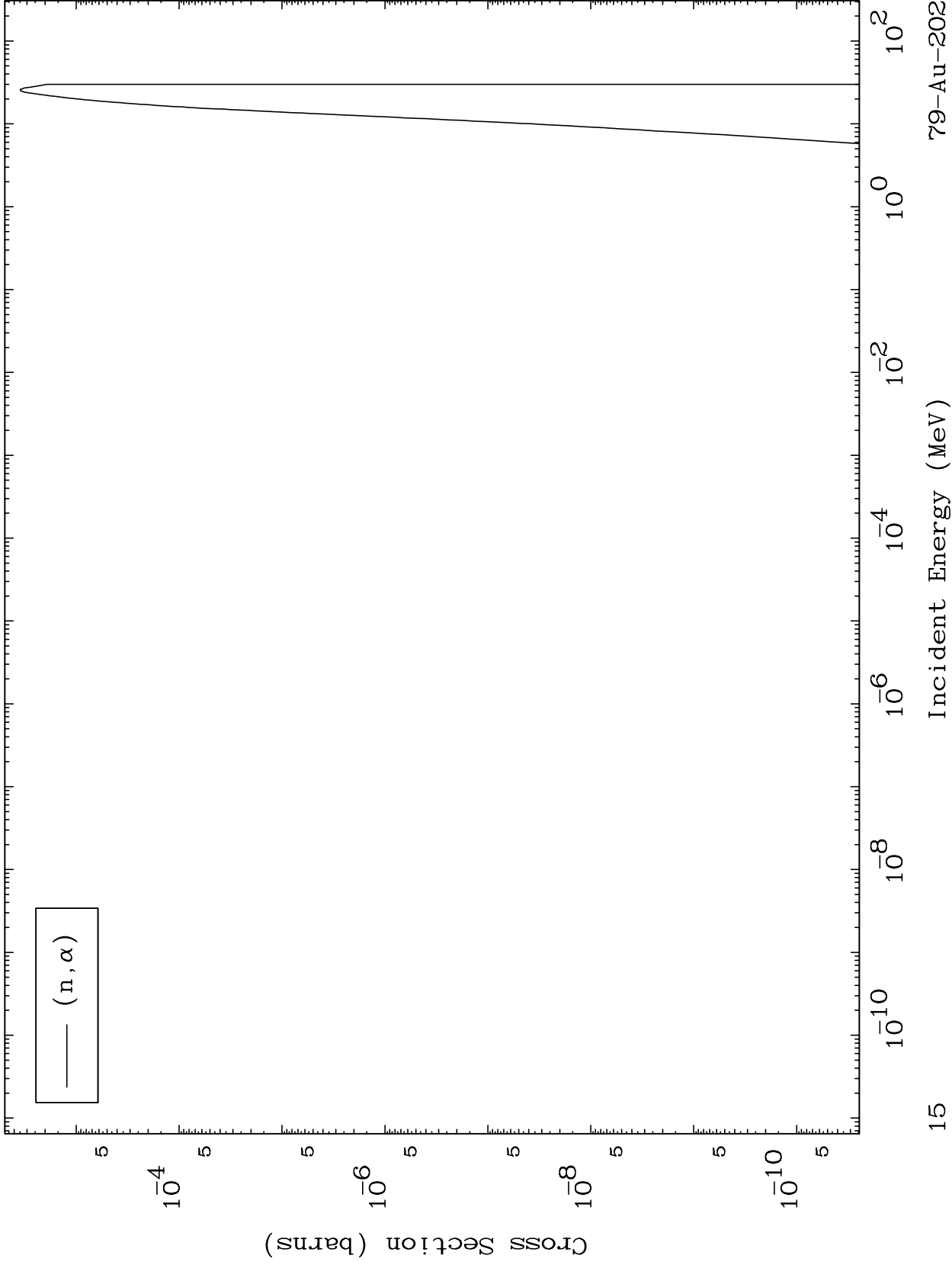
Incident Energy (MeV)

79-Au-202

MAT 7940

(n, α) Levels
293 Kelvin Cross Sections

79-Au-202



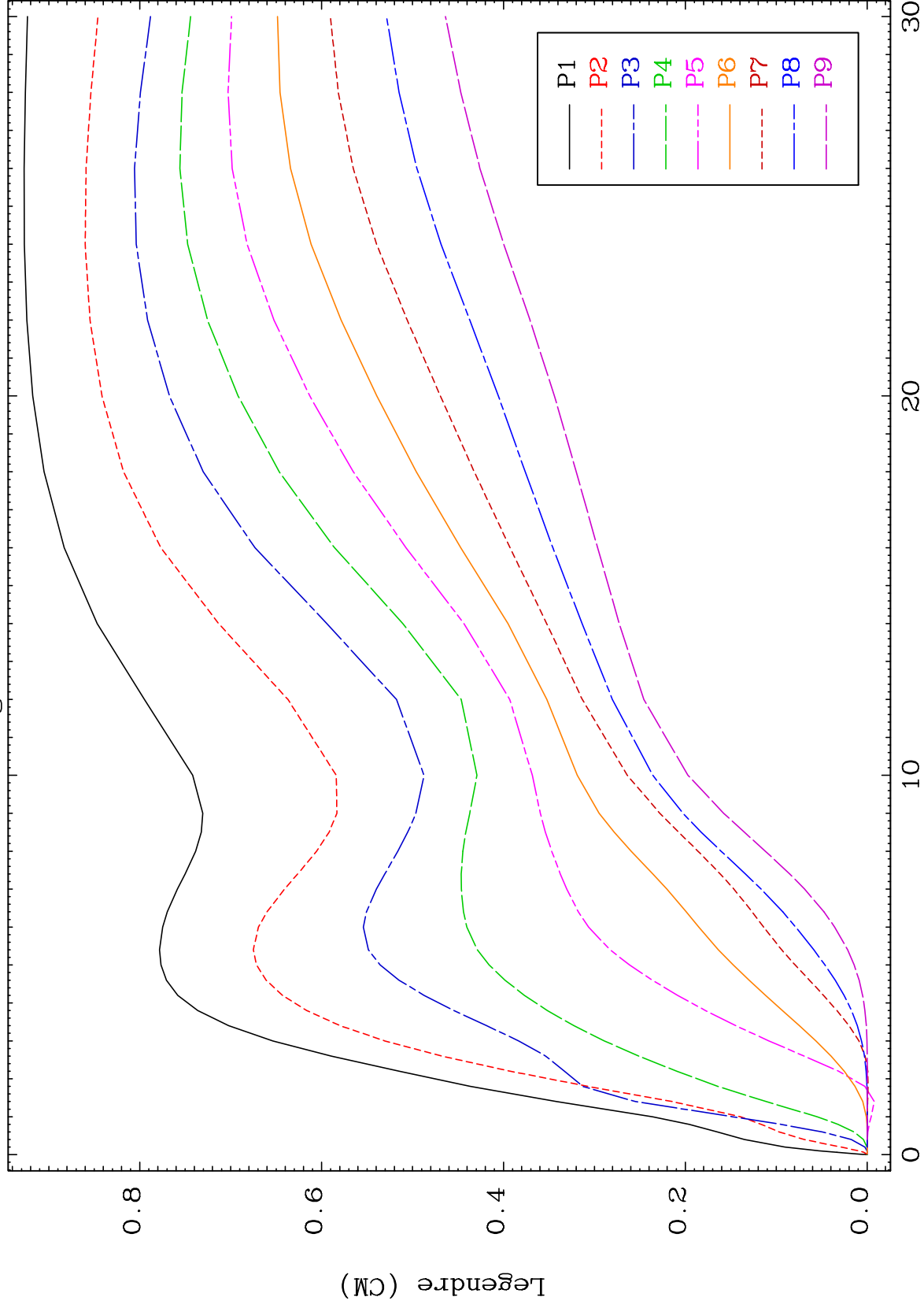
15

79-Au-202

MAT 7940

Elastic Legendre Coefficients

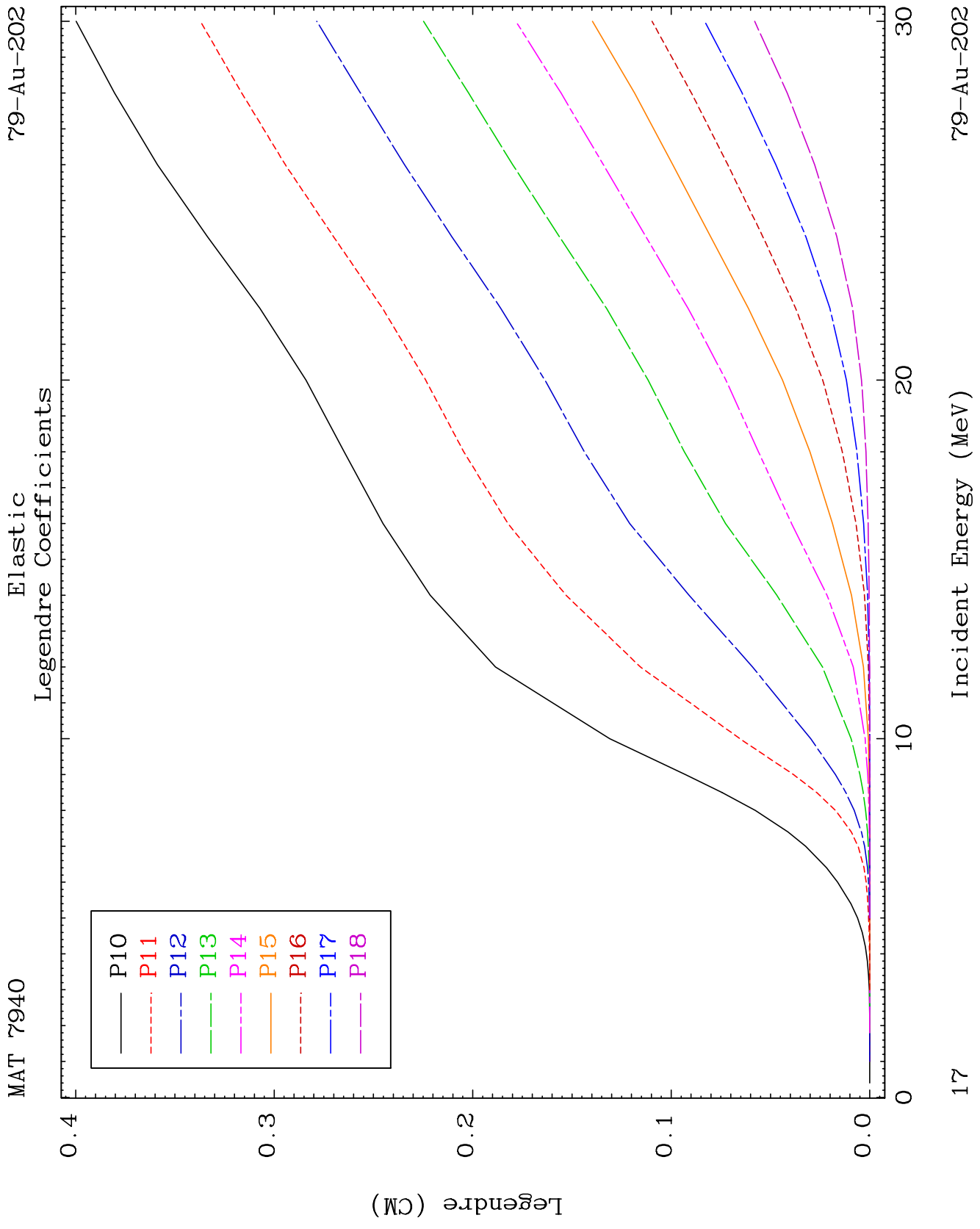
79-Au-202



16

Incident Energy (MeV)

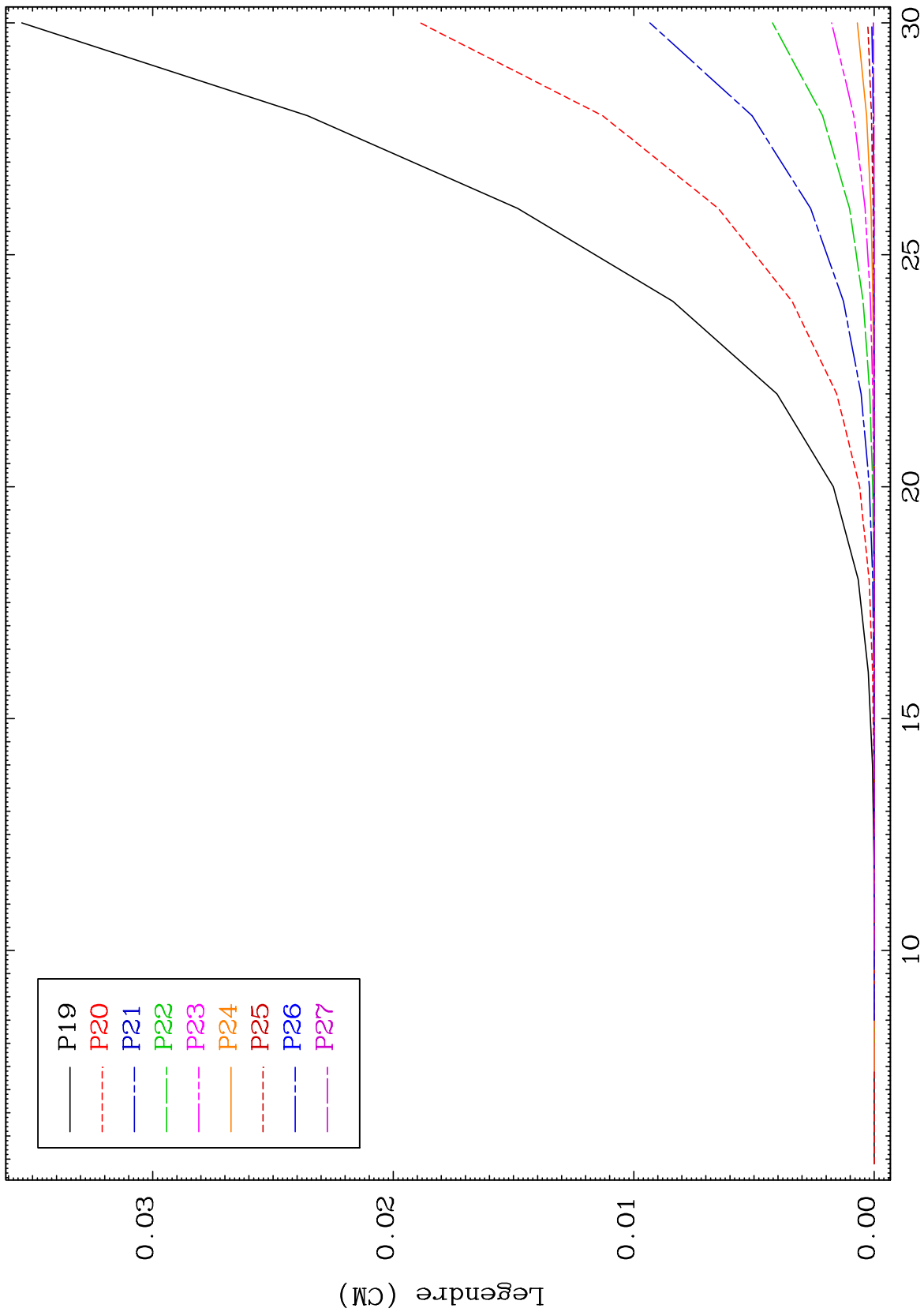
79-Au-202



MAT 7940

Elastic
Legendre Coefficients

79-Au-202



18

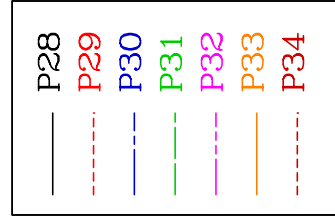
Incident Energy (MeV)

79-Au-202

MAT 7940

Elastic Legendre Coefficients

79-Au-202



$\times 10^{-5}$

Legendre (CM)

1.0

0.8

0.6

0.4

0.2

0.0

15

20

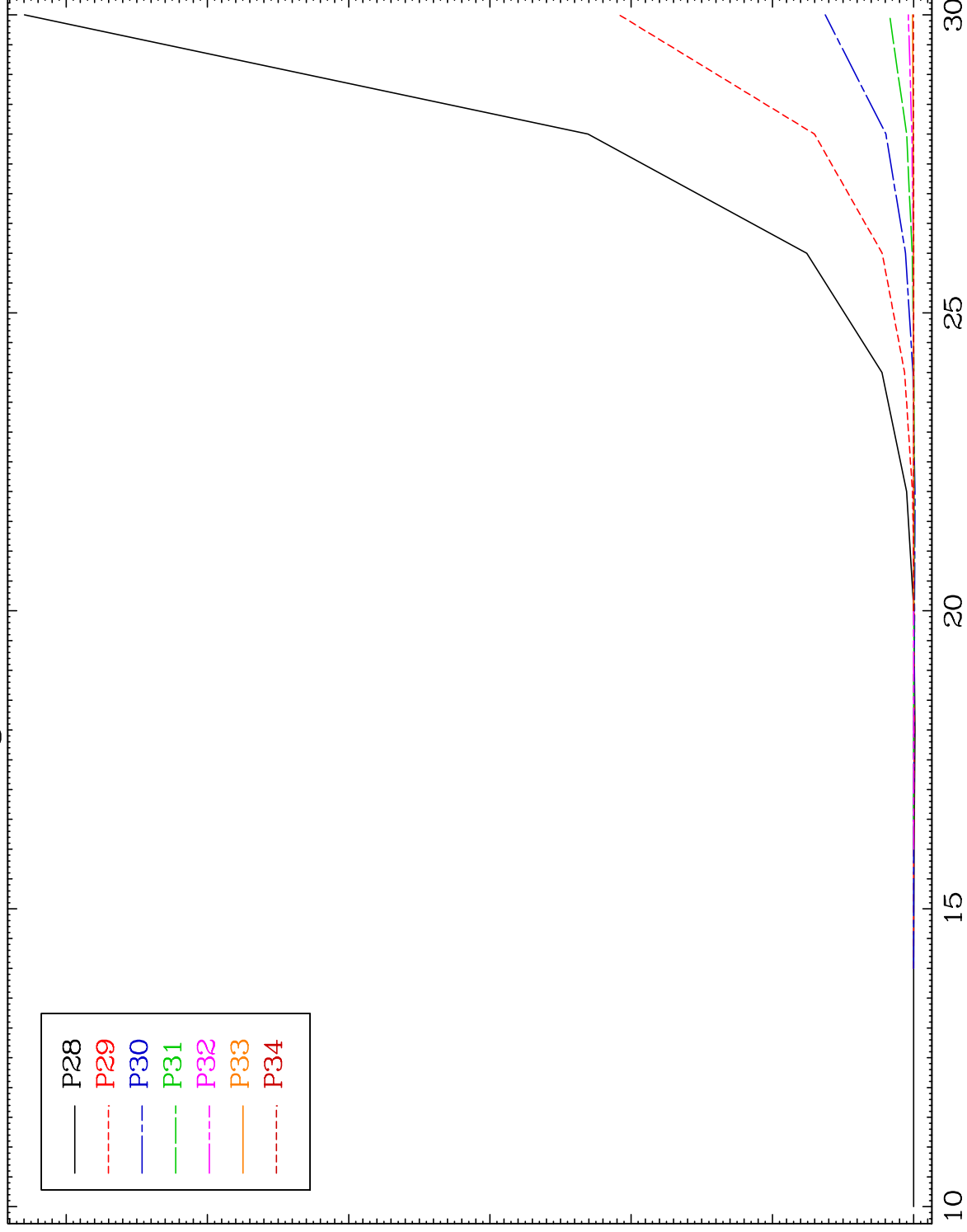
25

30

19

Incident Energy (MeV)

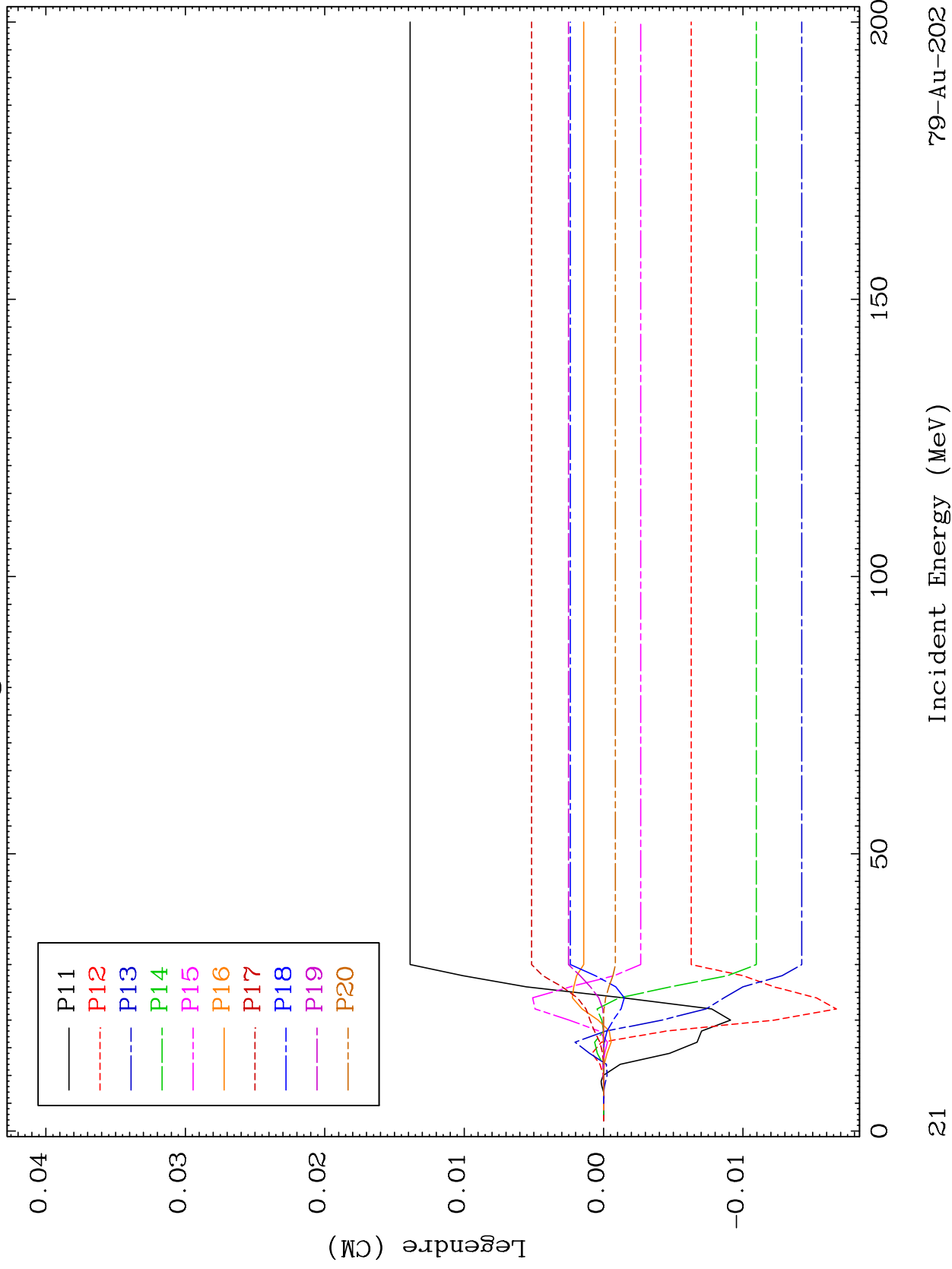
79-Au-202



MAT 7940

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

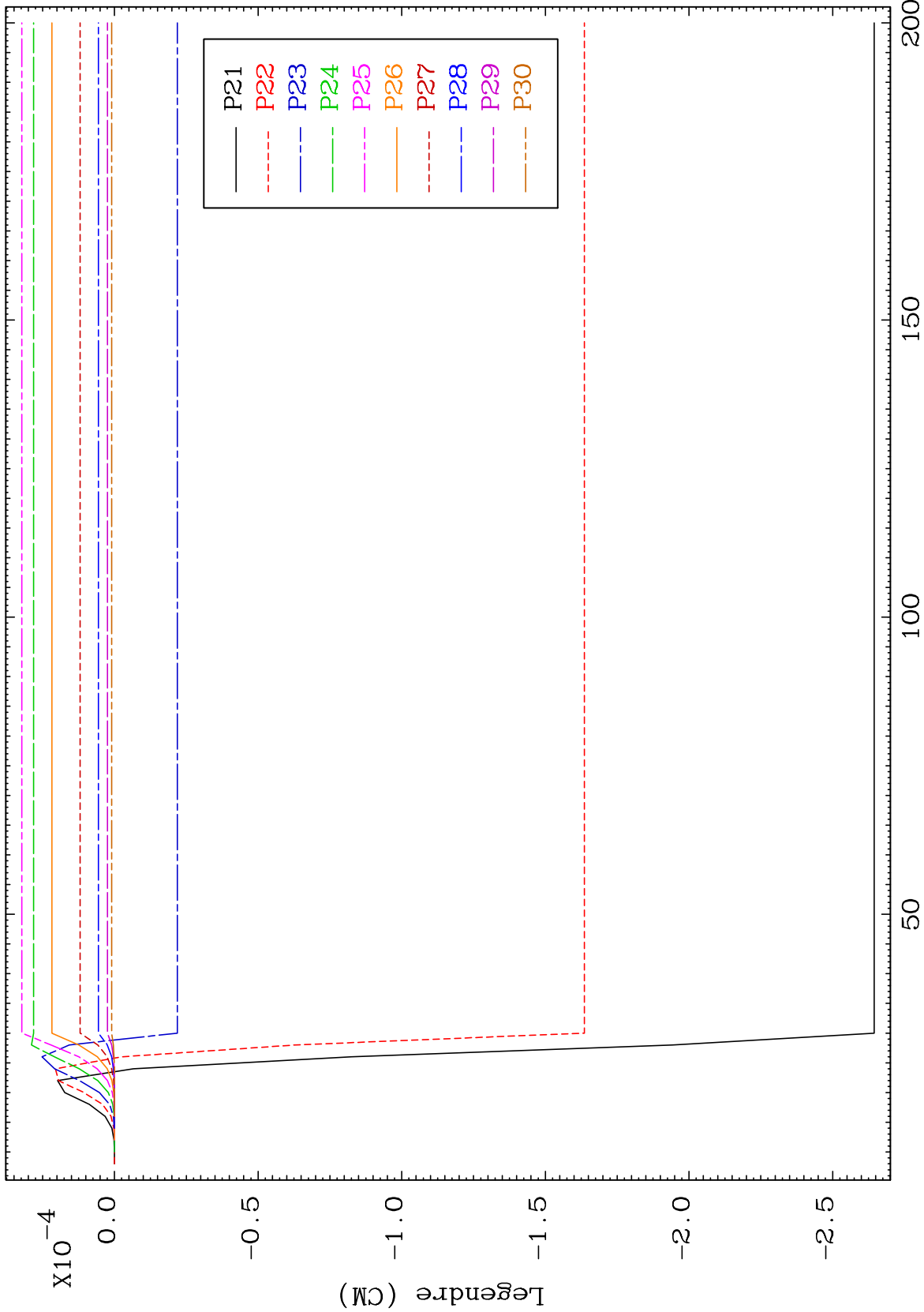
79-Au-202



21

Incident Energy (MeV)

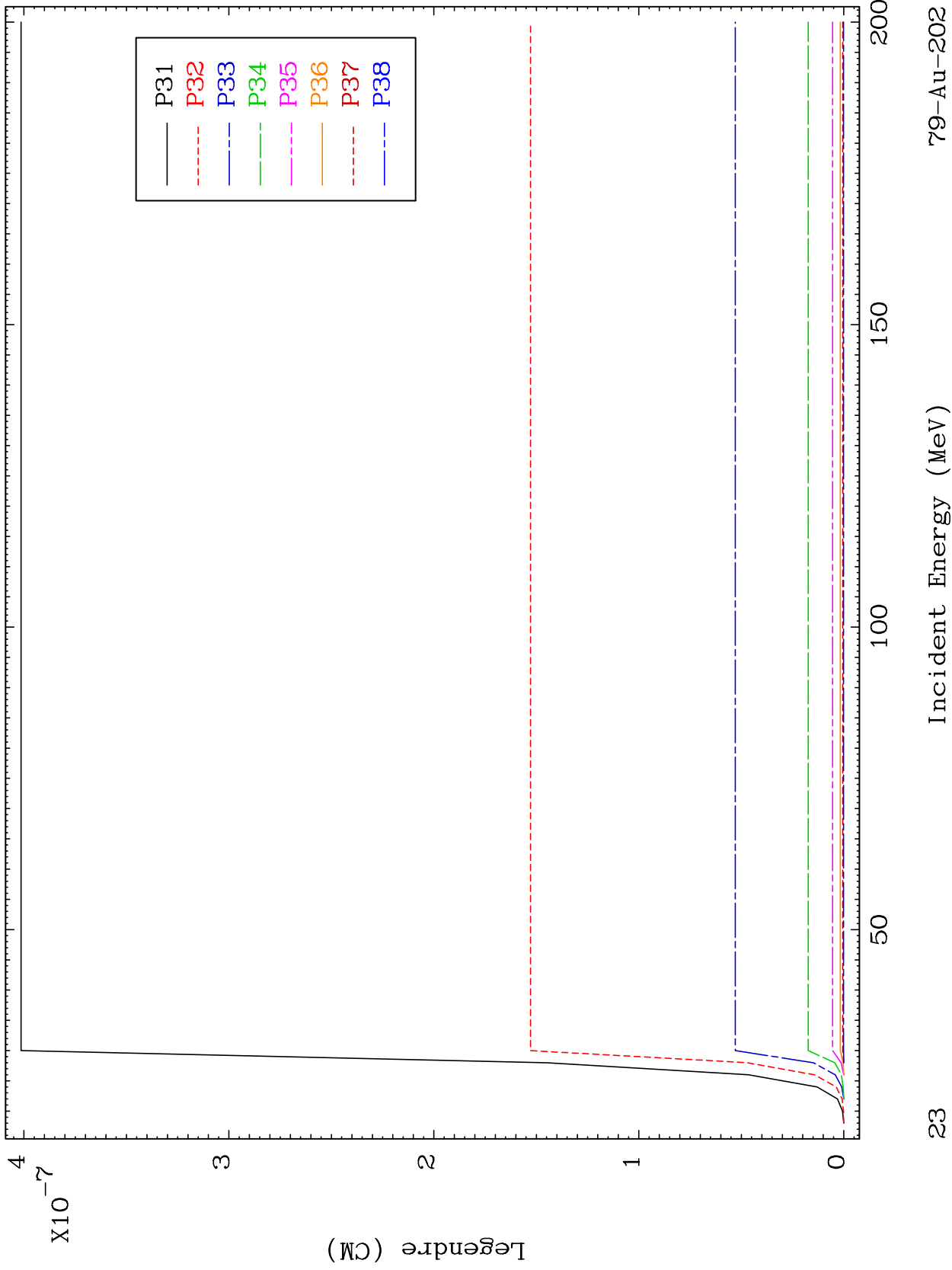
79-Au-202



MAT 7940

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

79-Au-202



23

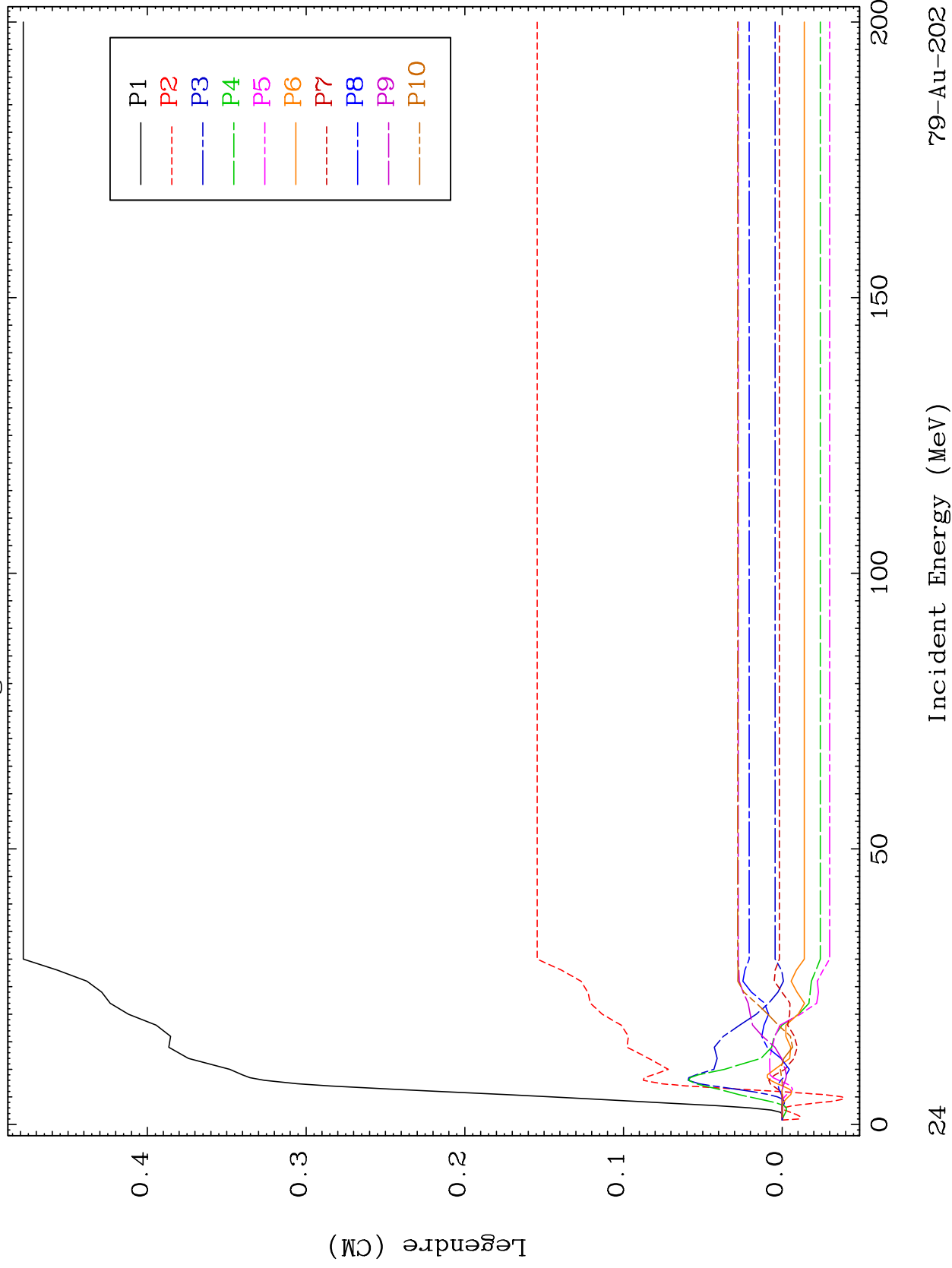
Incident Energy (MeV)

79-Au-202

MAT 7940

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

79-Au-202



24

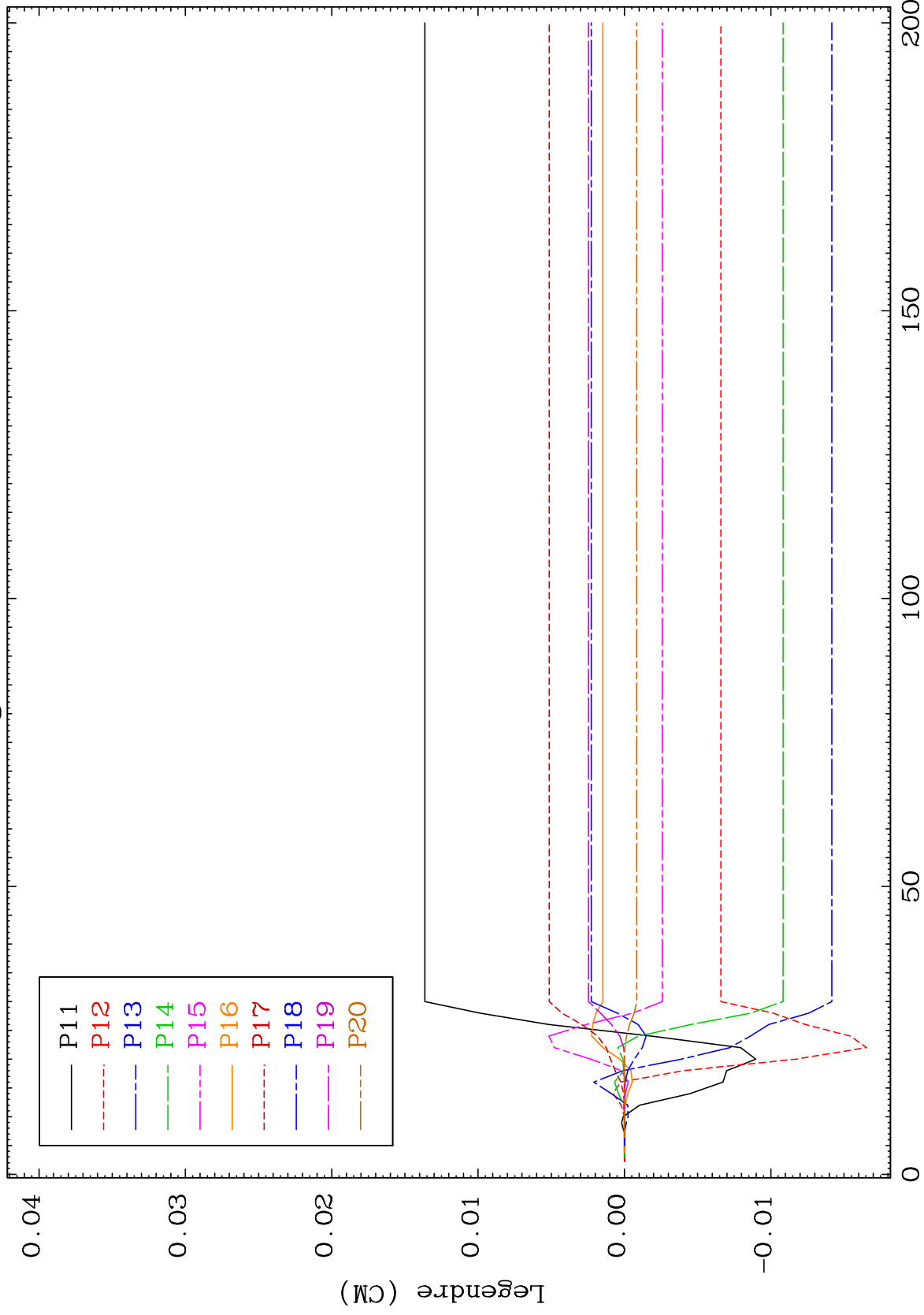
Incident Energy (MeV)

79-Au-202

MAT 7940

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

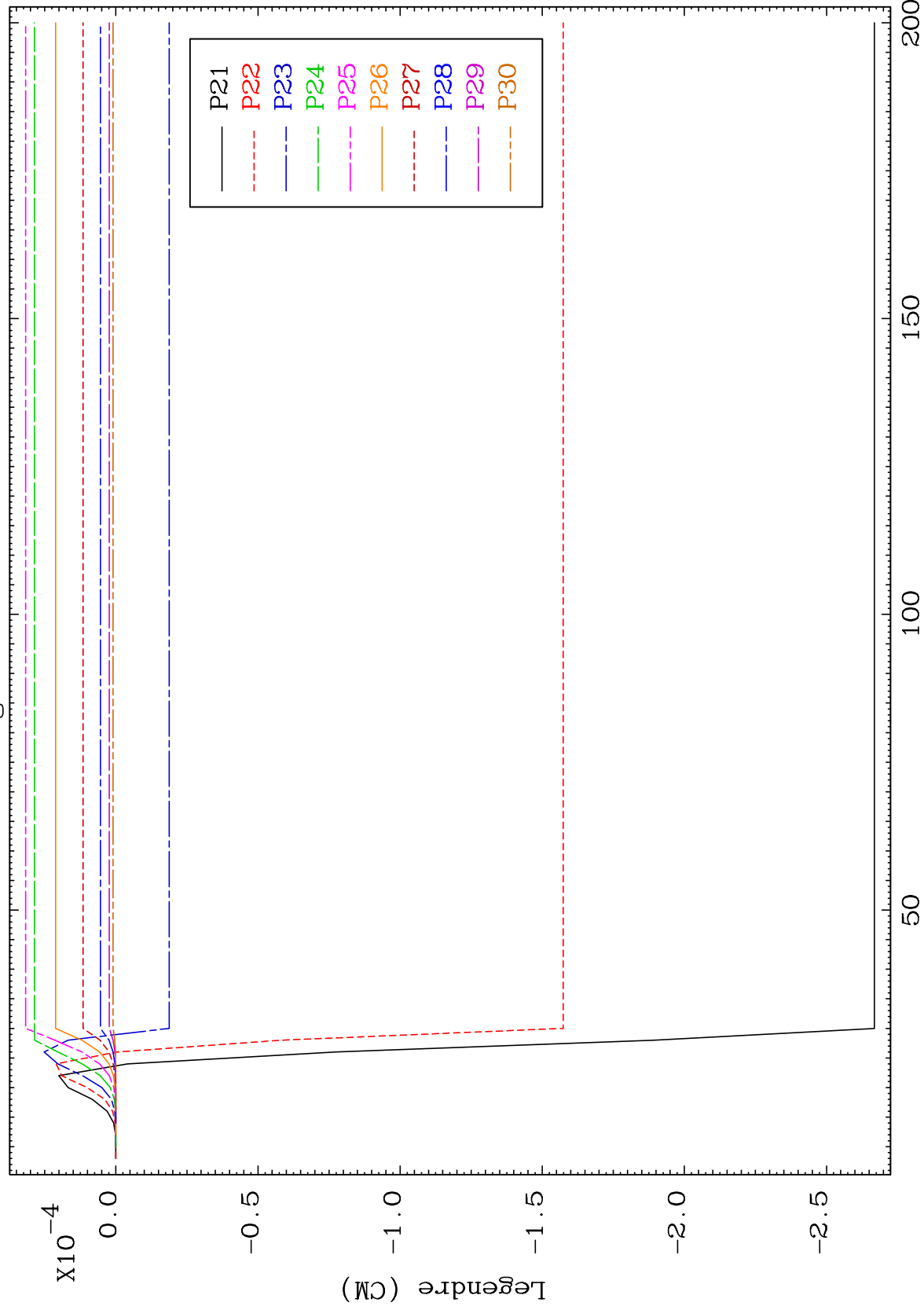
79-Au-202



79-Au-202

Incident Energy (MeV)

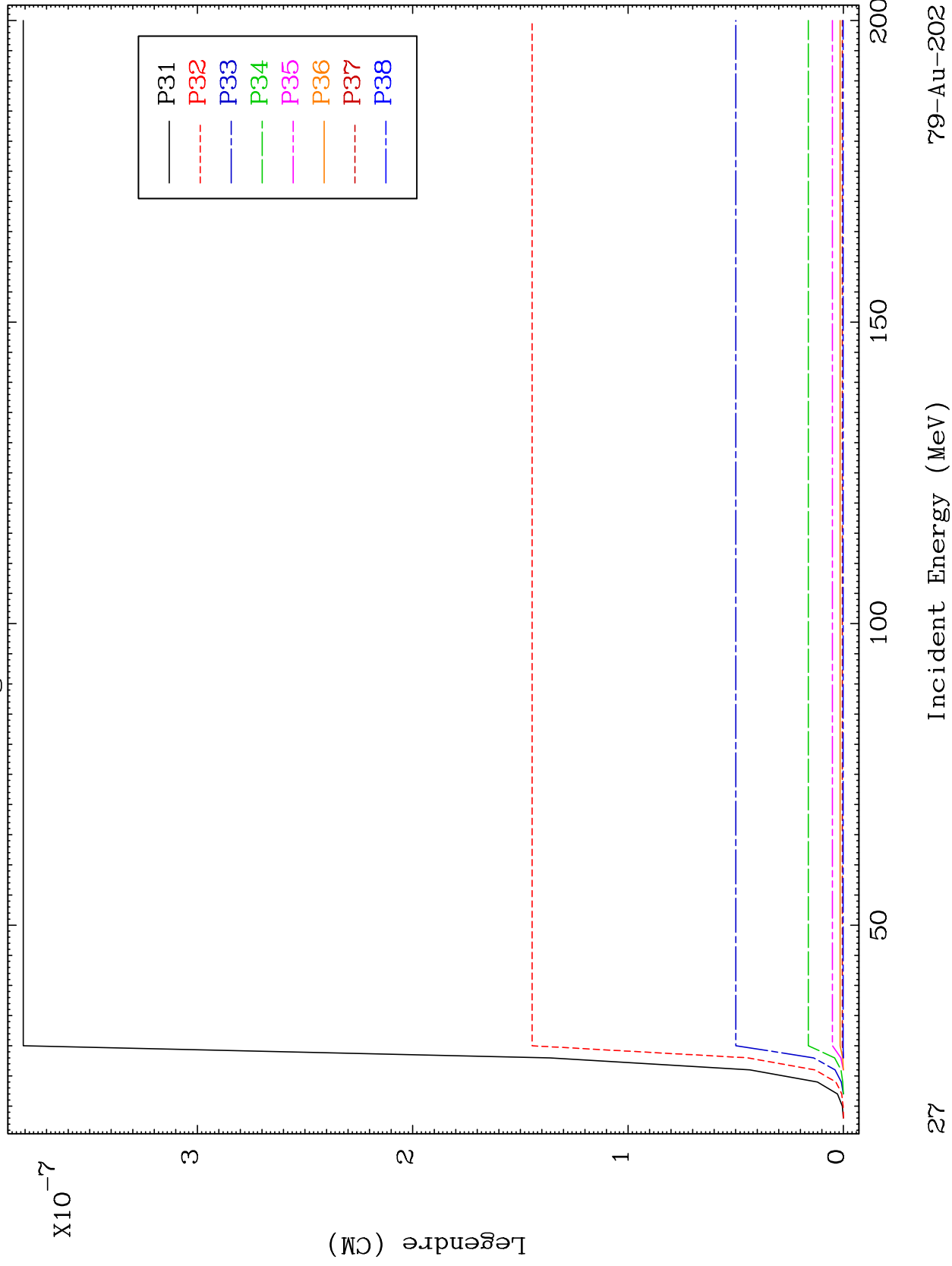
25



MAT 7940

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

79-Au-202



27

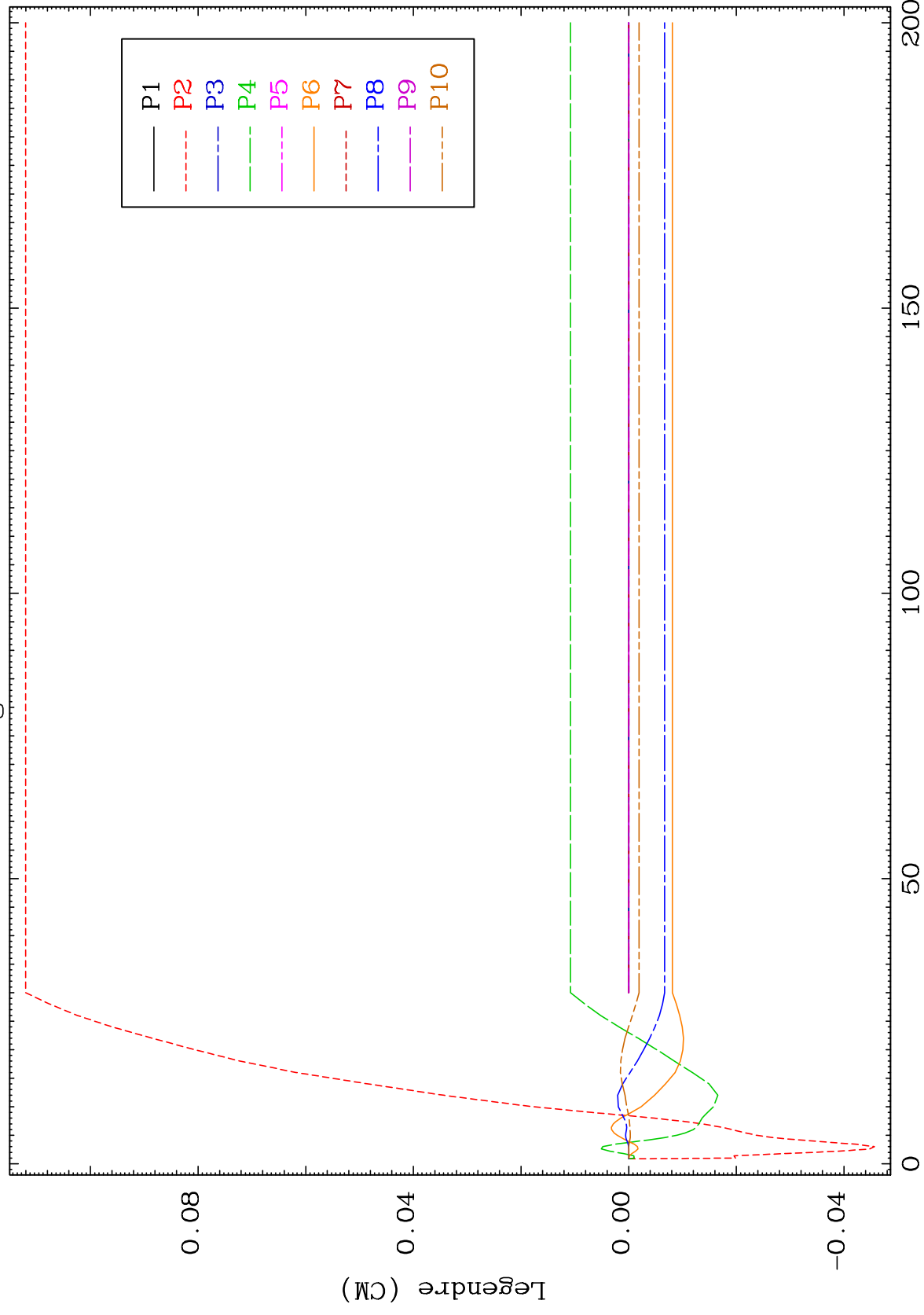
Incident Energy (MeV)

79-Au-202

MAT 7940

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

79-Au-202



28

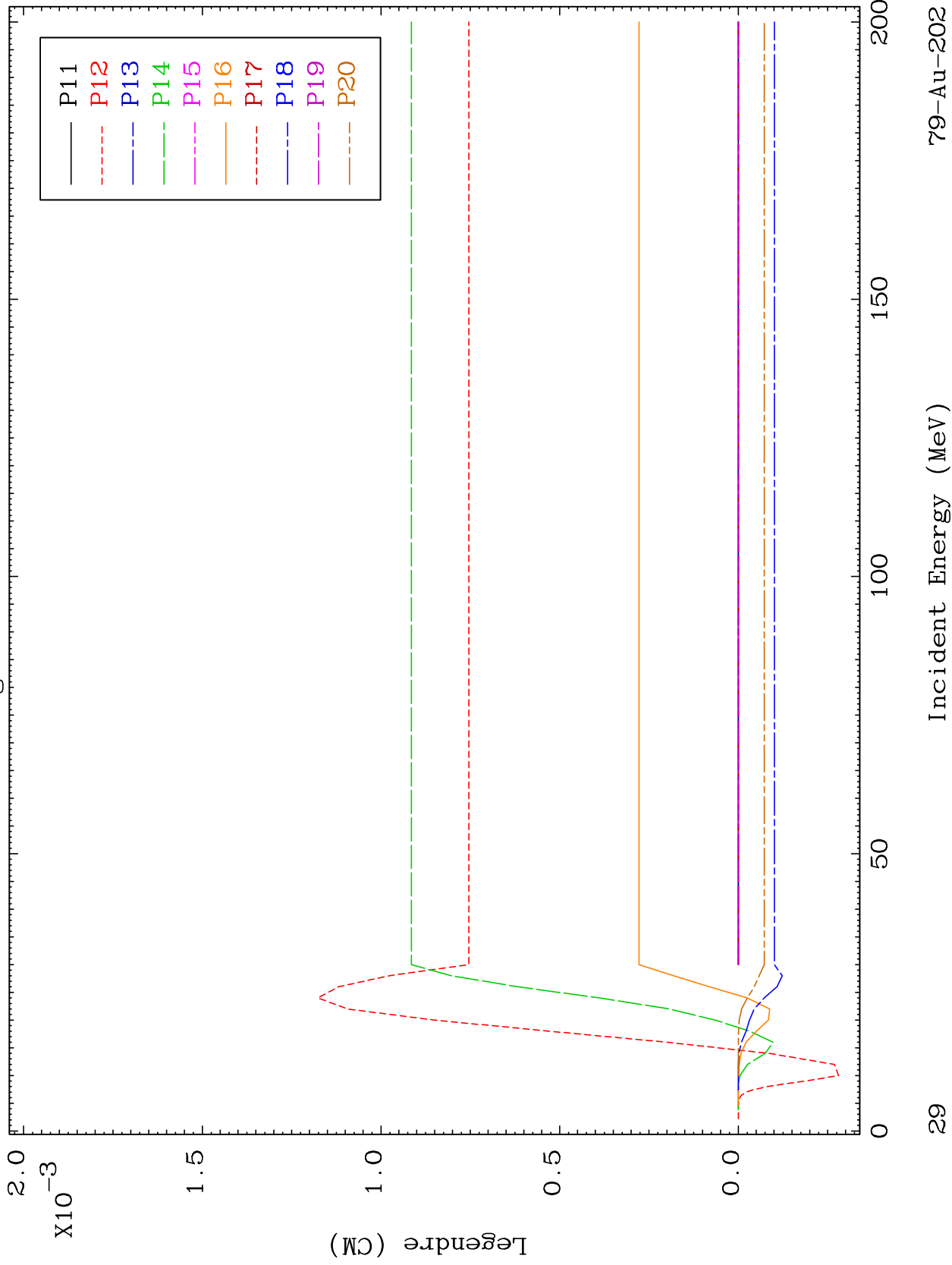
Incident Energy (MeV)

79-Au-202

MAT 7940

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

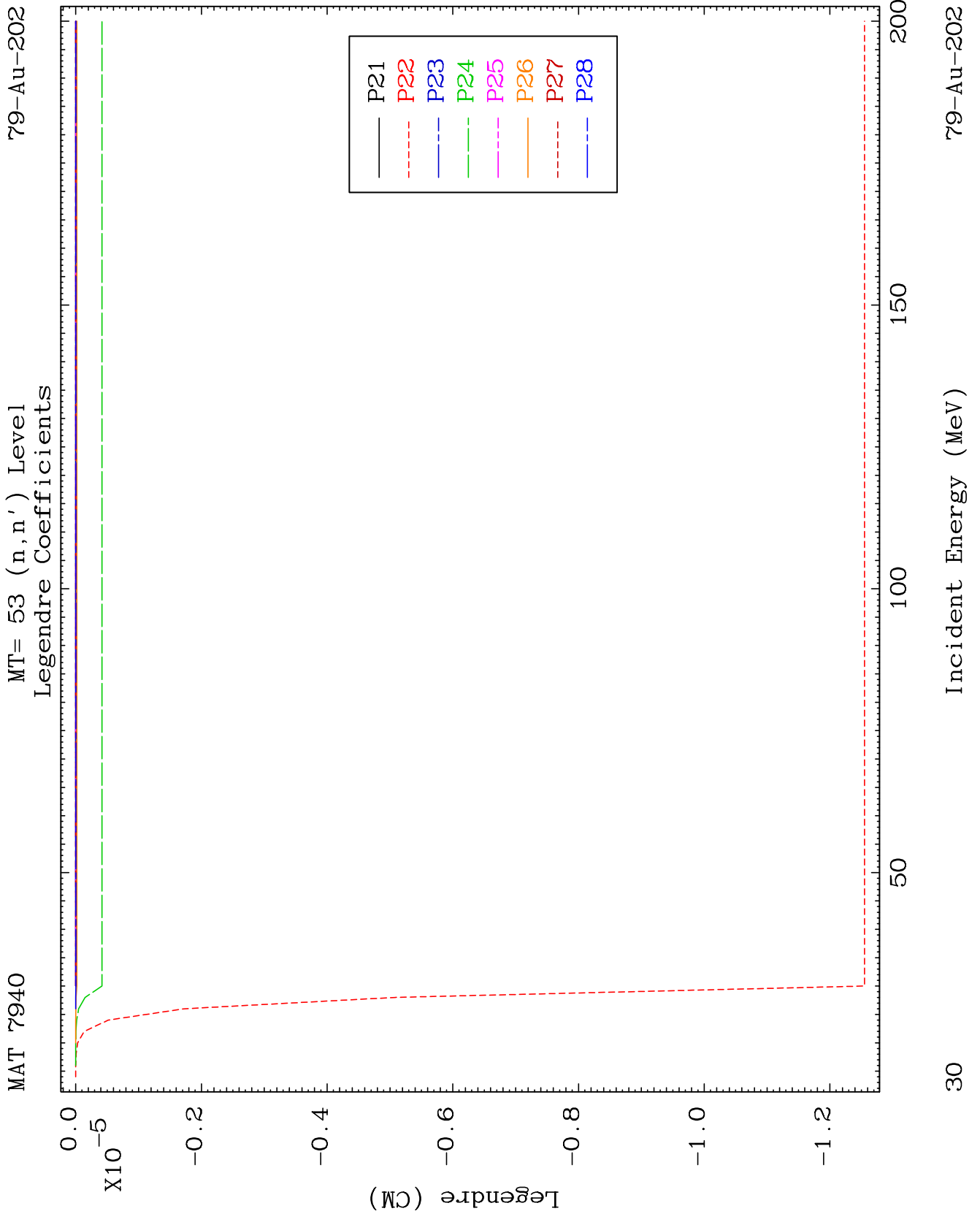
79-Au-202



29

Incident Energy (MeV)

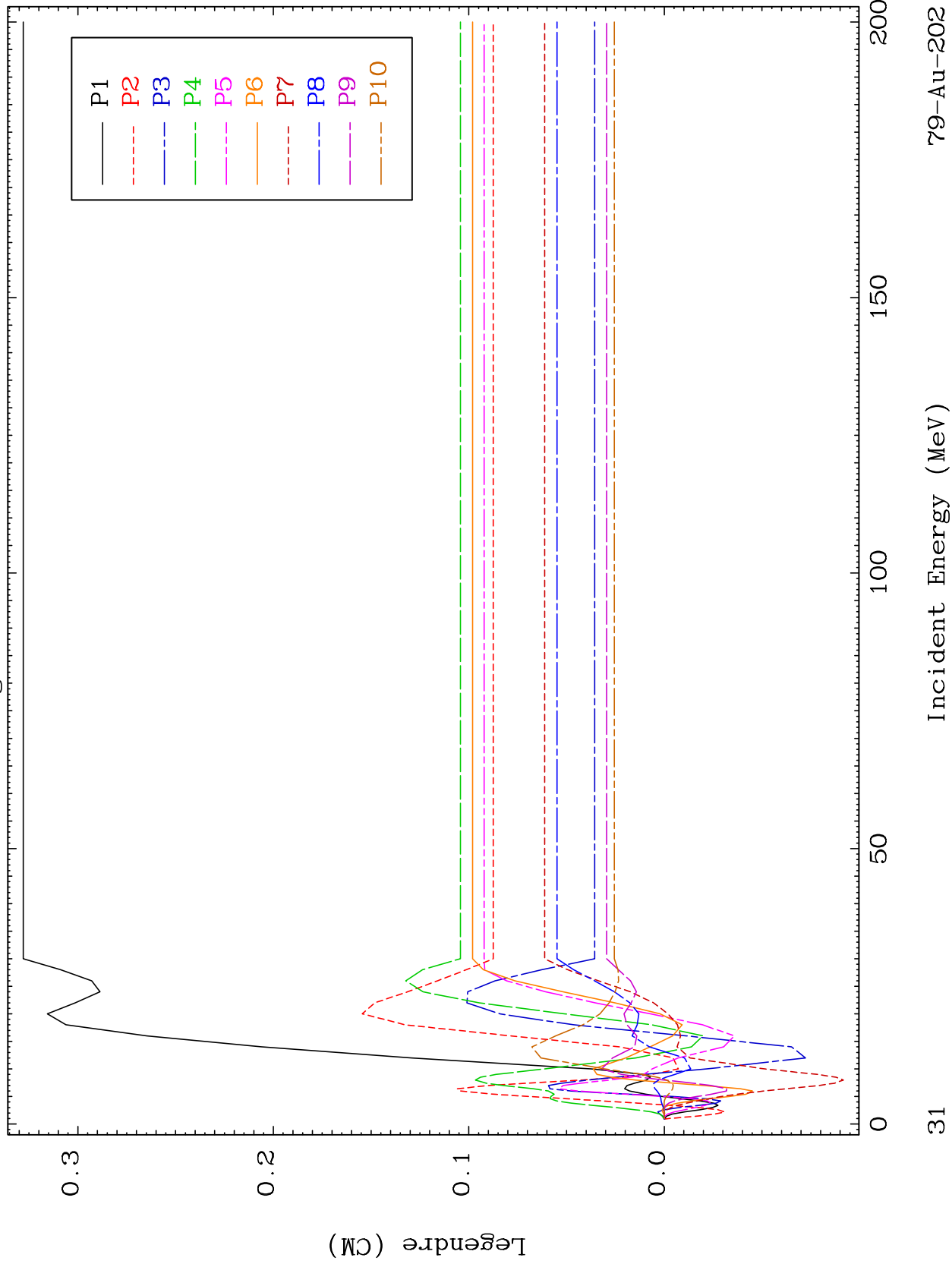
79-Au-202



MAT 7940

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

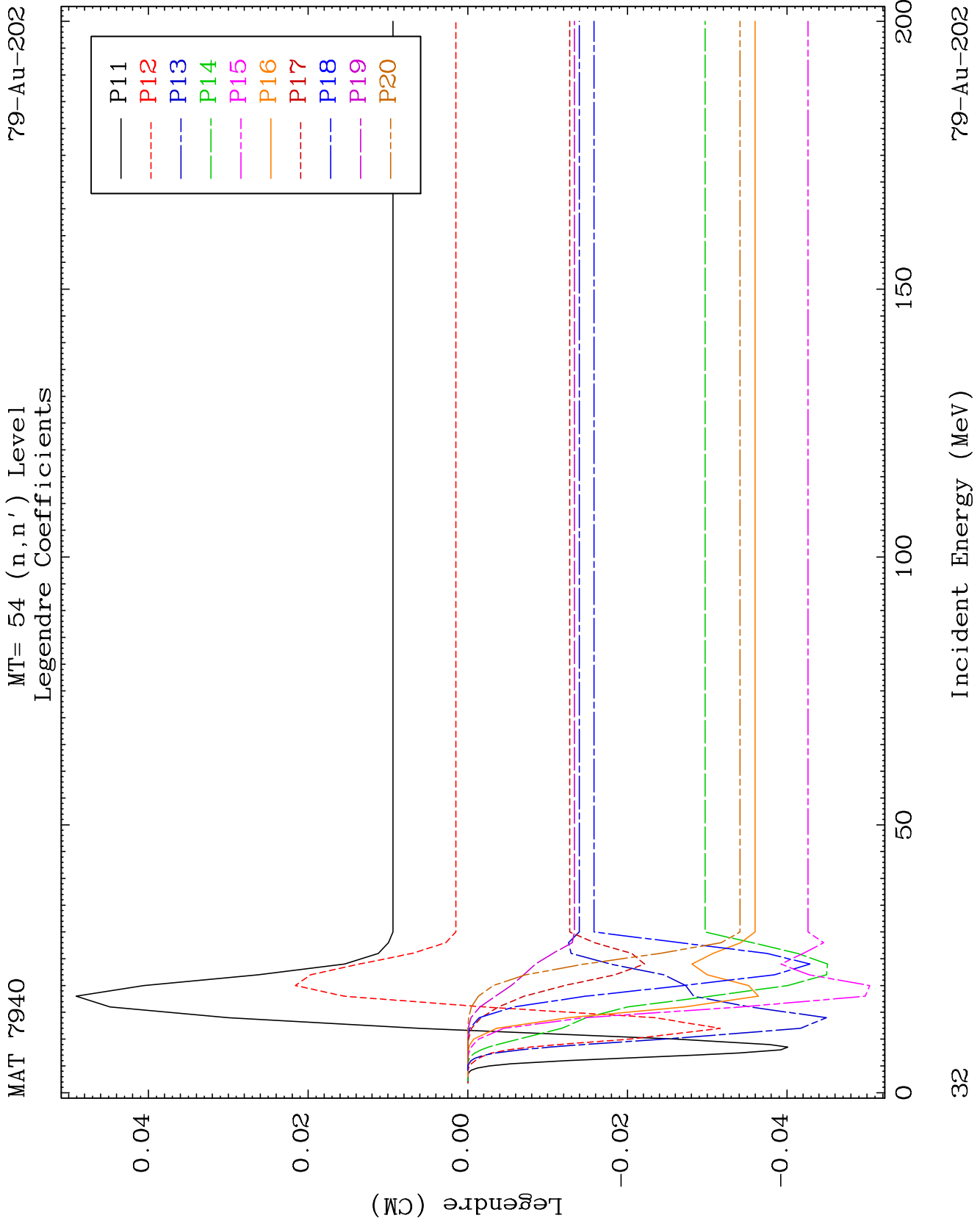
79-Au-202



79-Au-202

Incident Energy (MeV)

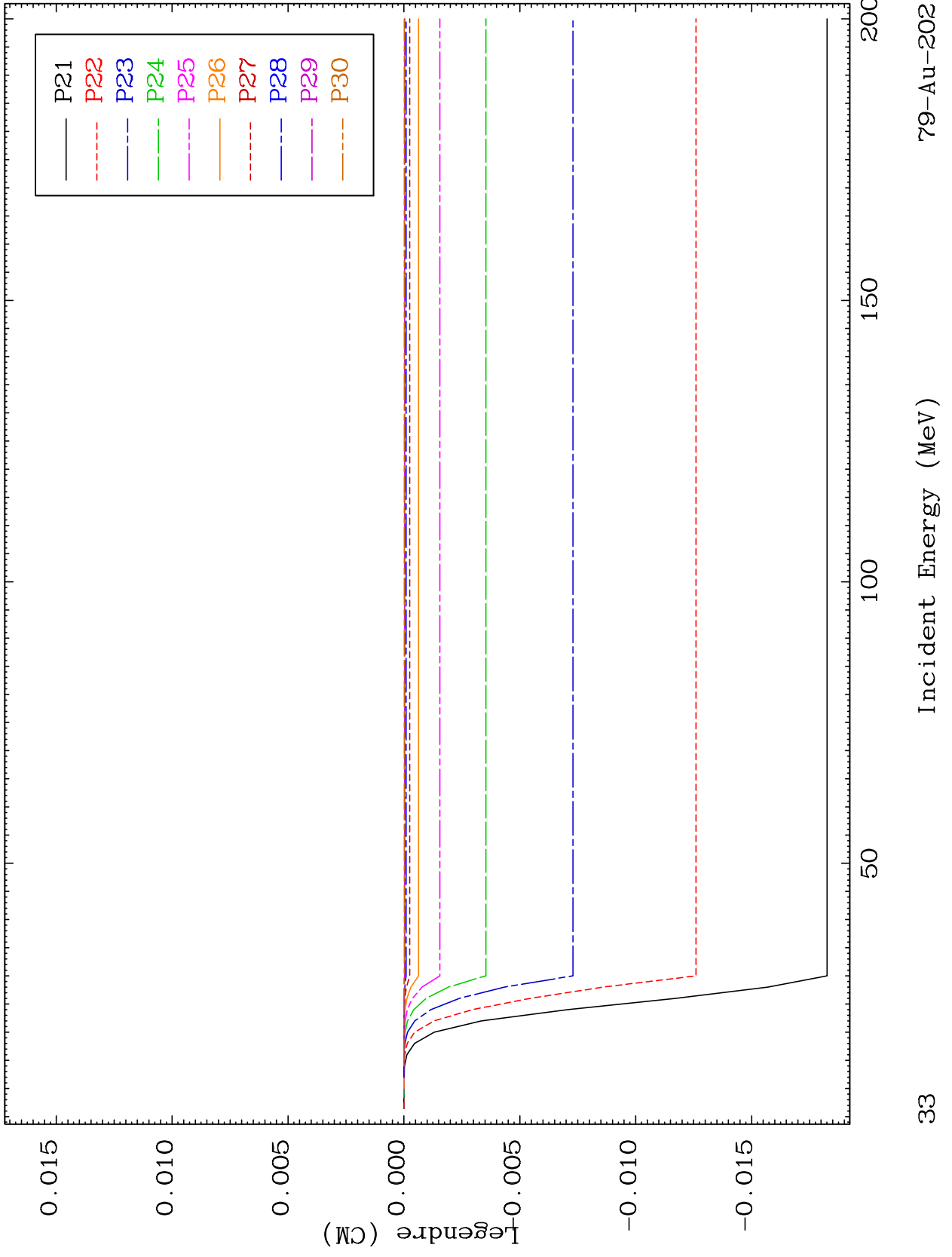
31

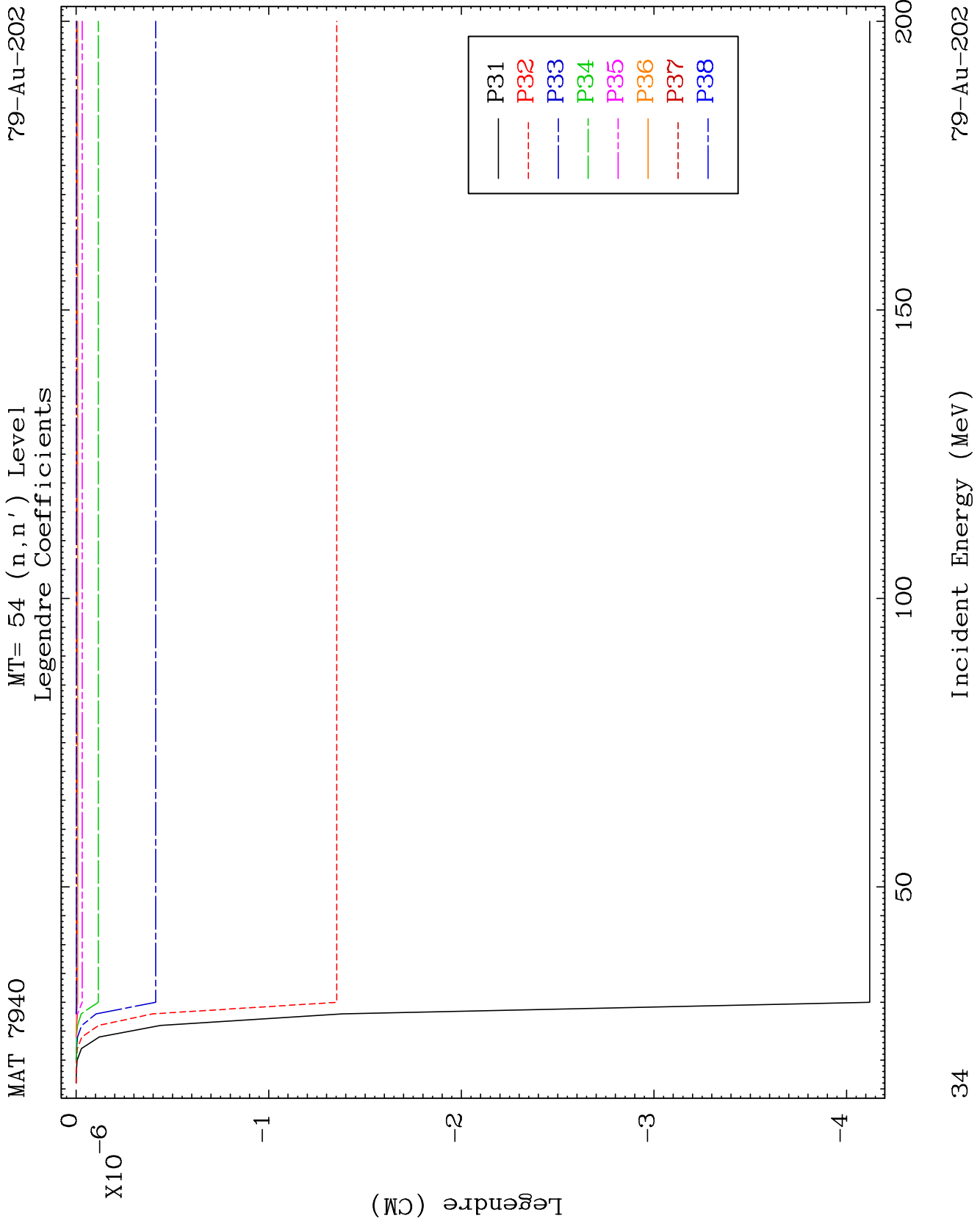


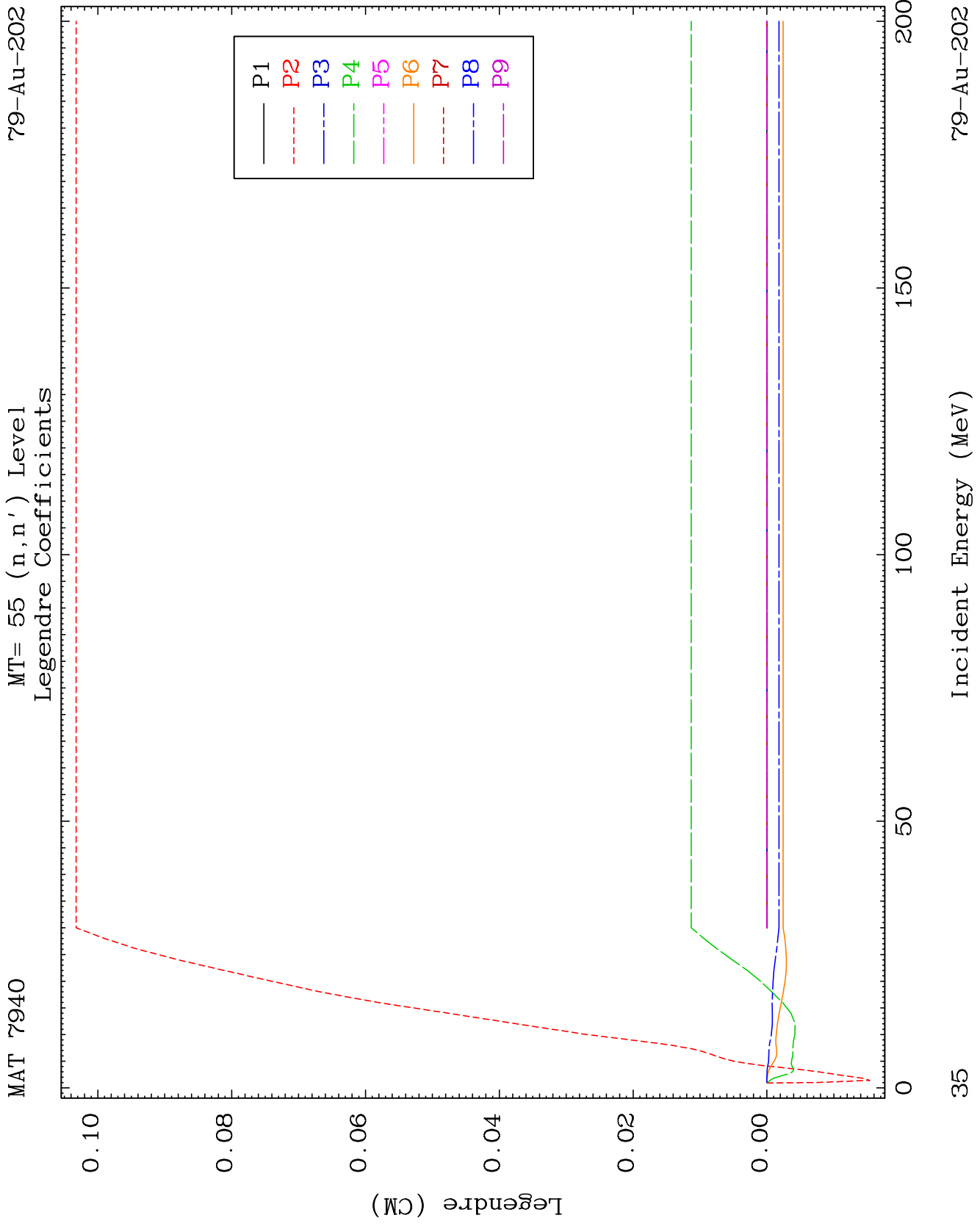
MAT 7940

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

79-Au-202



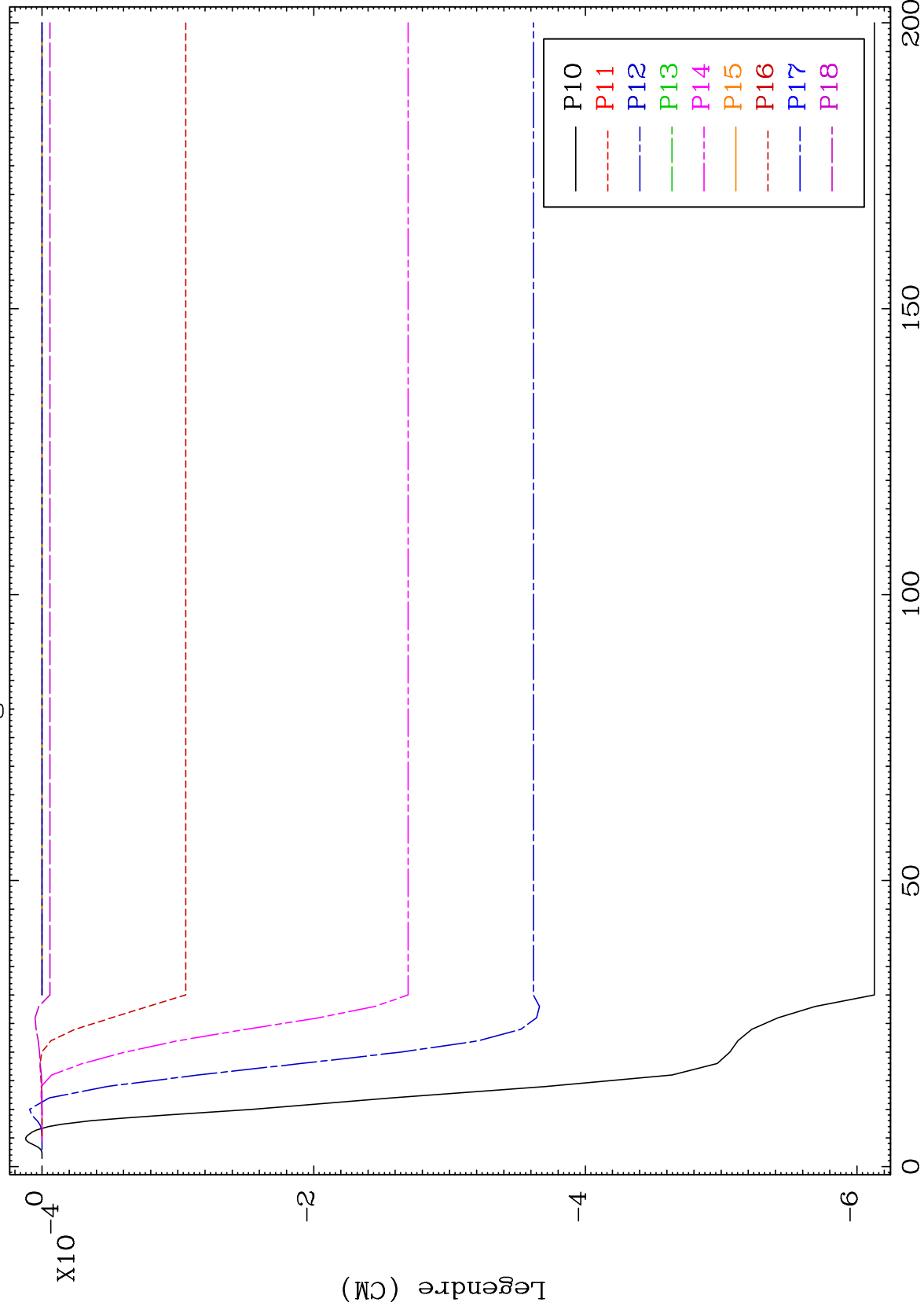




MAT 7940

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

79-Au-202



36

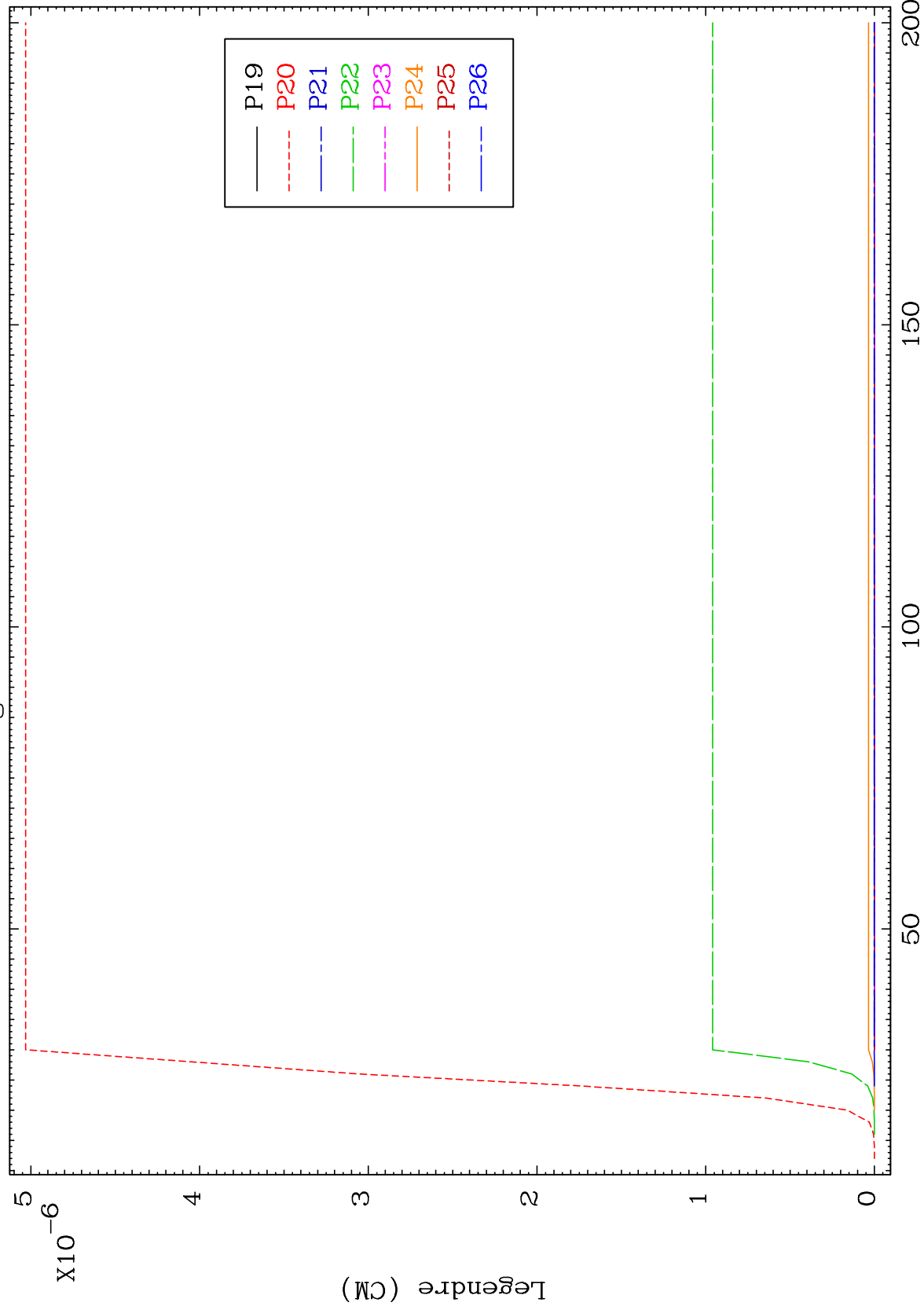
Incident Energy (MeV)

79-Au-202

MAT 7940

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

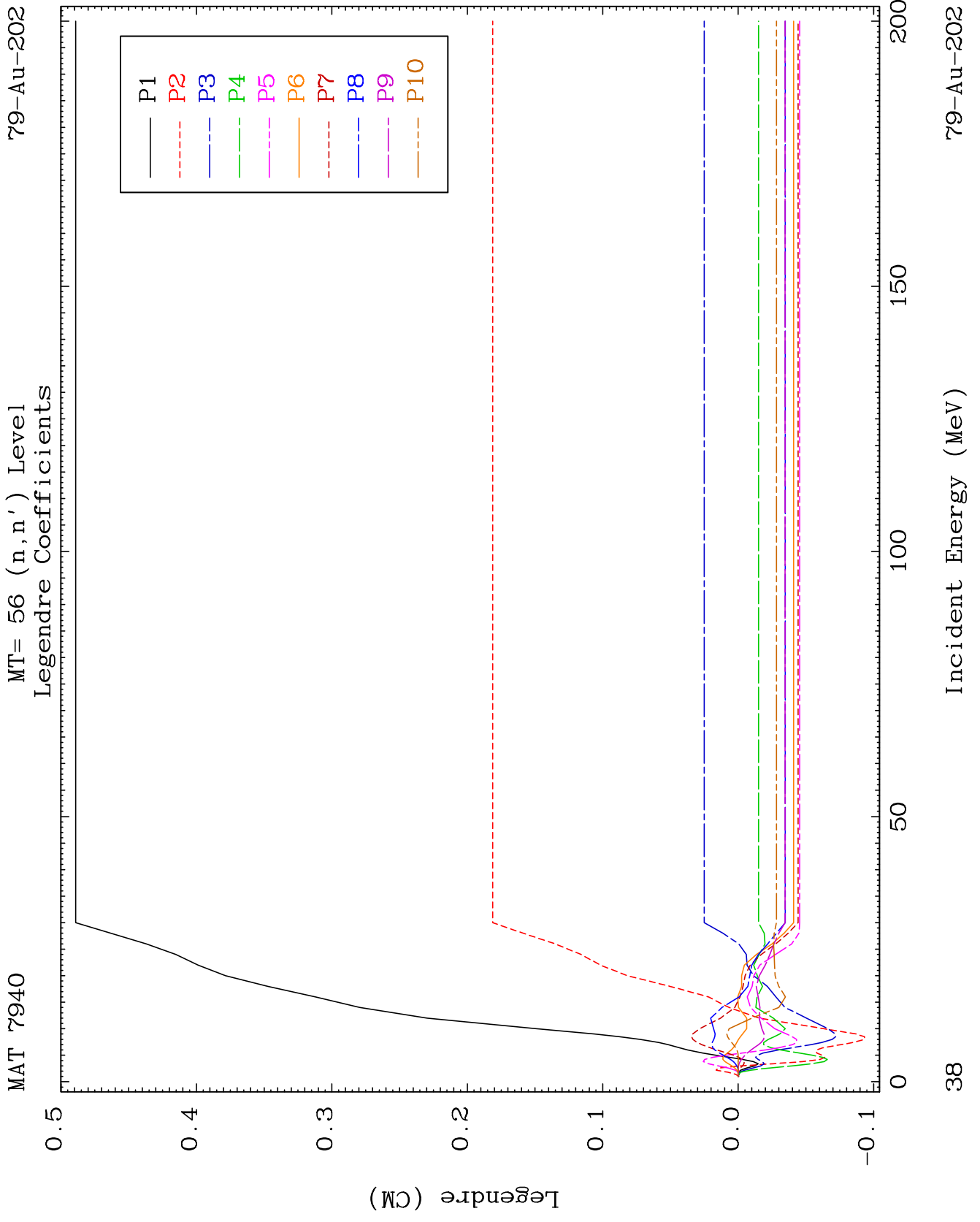
79-Au-202



79-Au-202

Incident Energy (MeV)

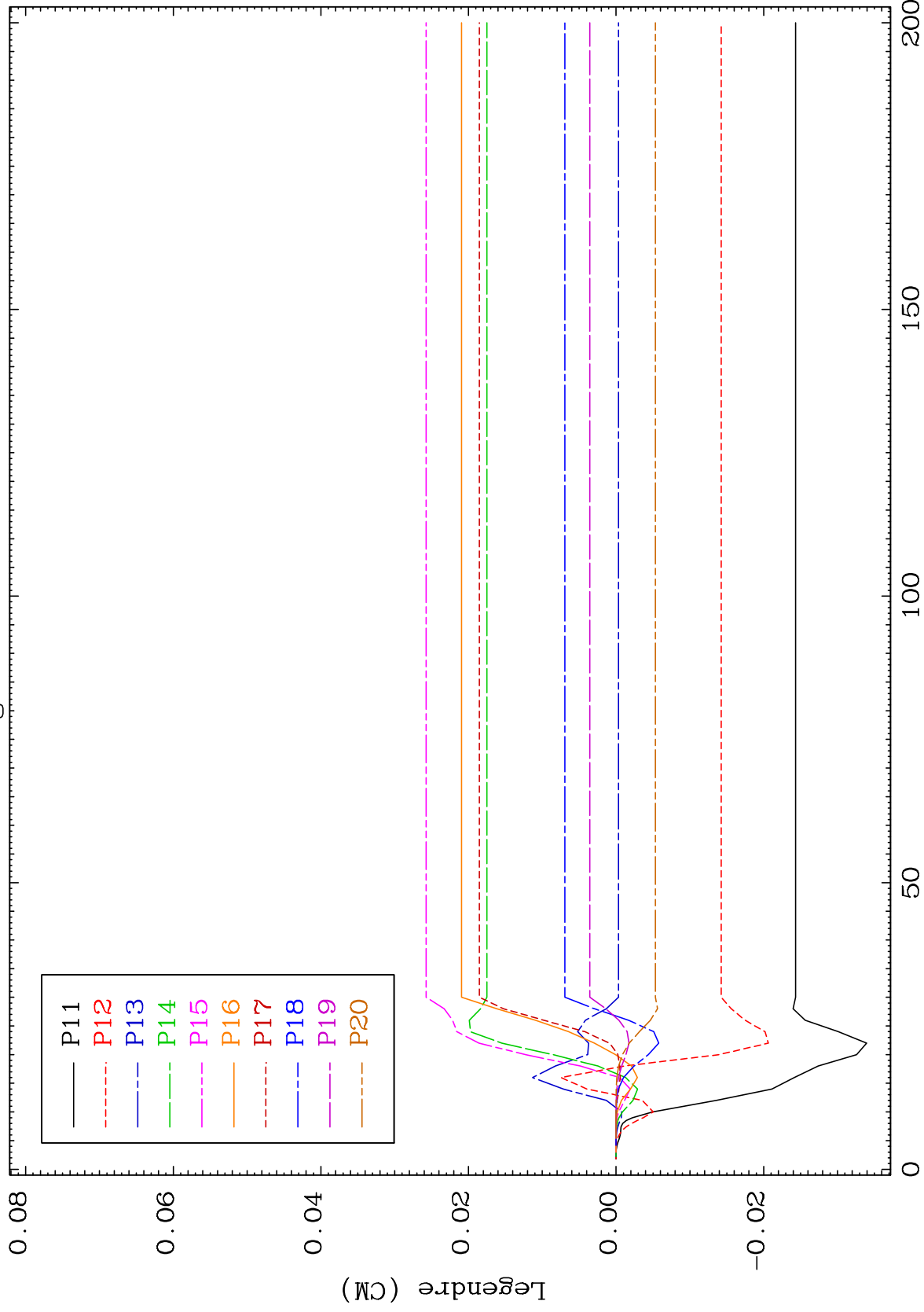
37



MAT 7940

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

79-Au-202



39

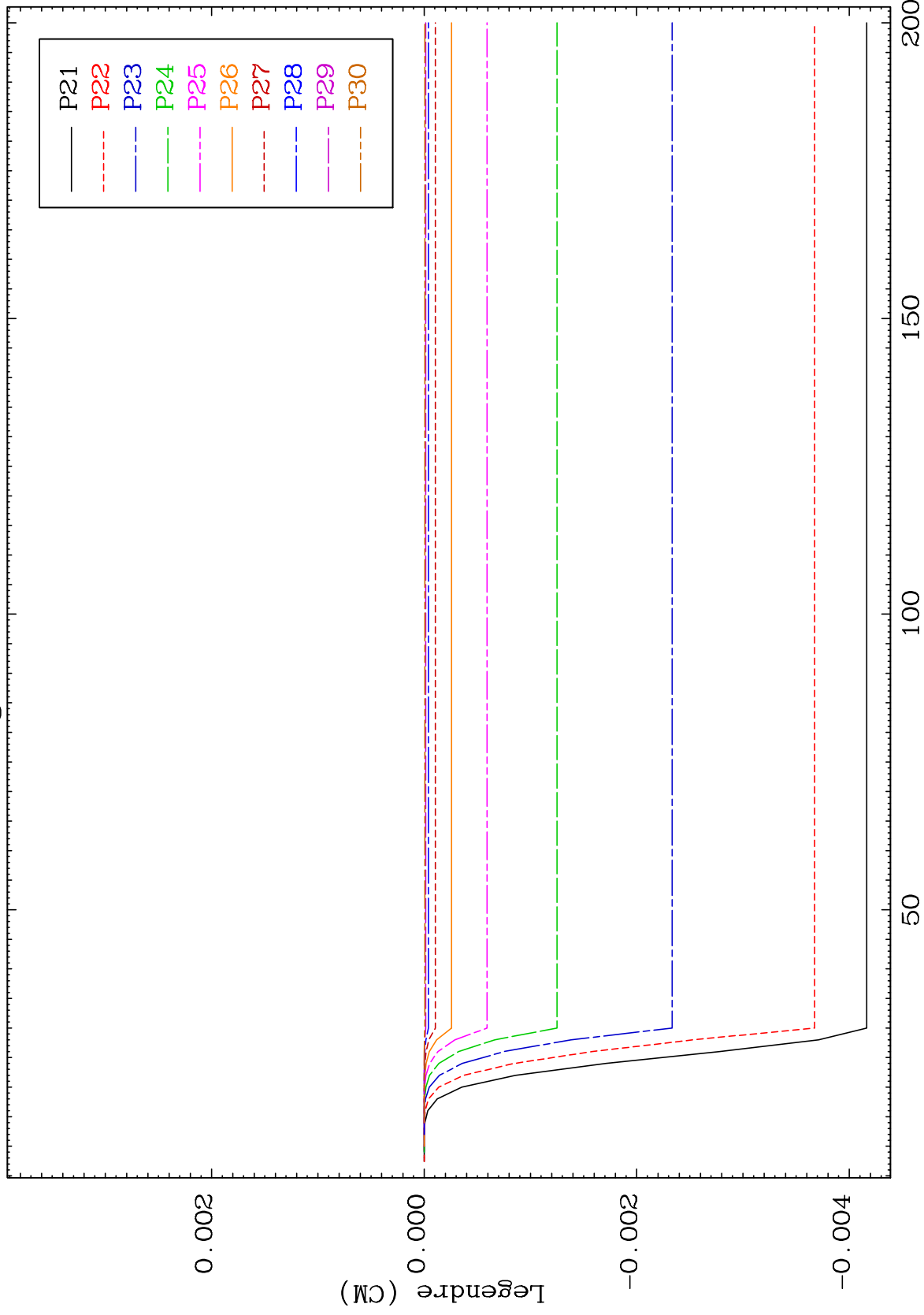
Incident Energy (MeV)

79-Au-202

MAT 7940

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

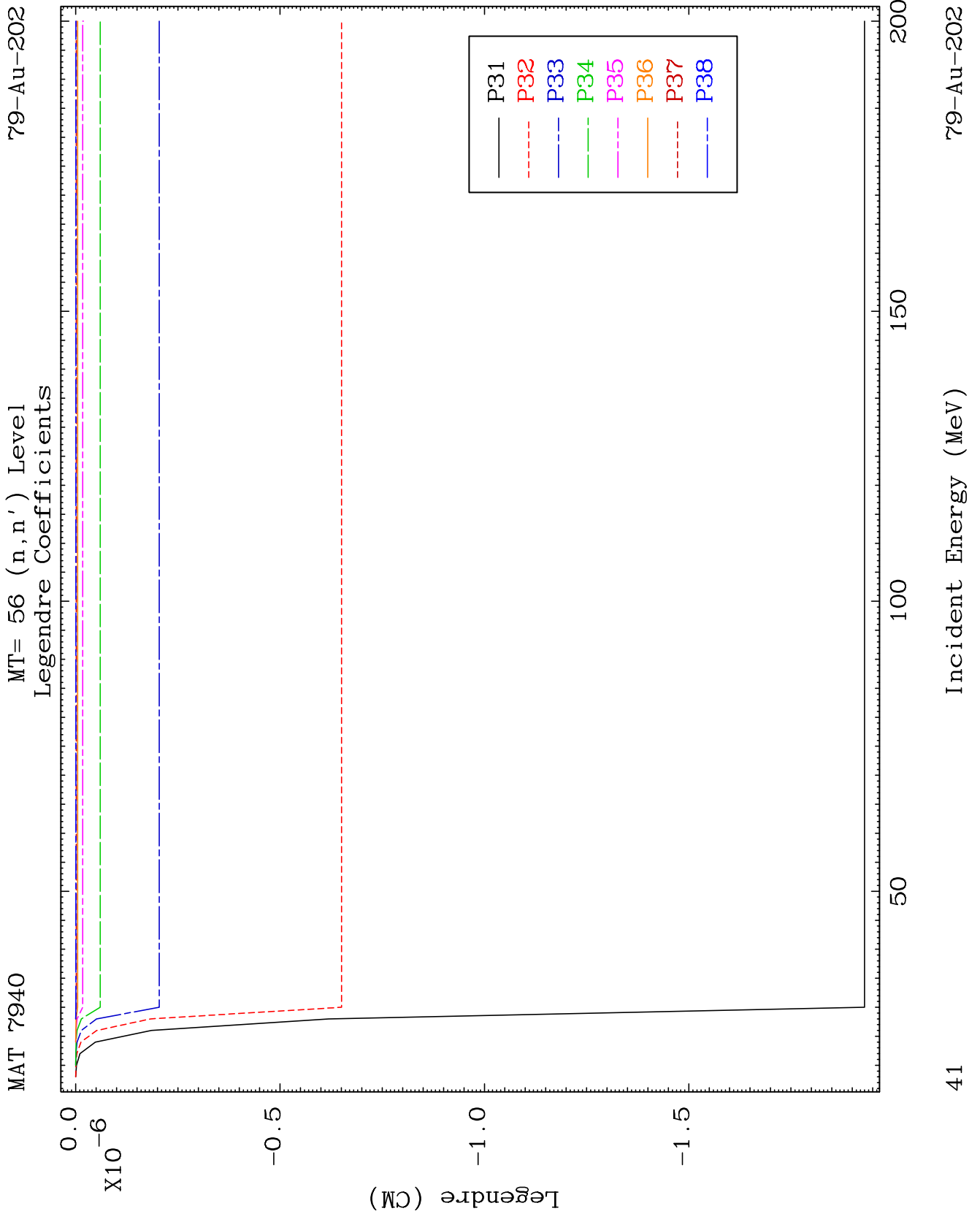
79-Au-202



40

Incident Energy (MeV)

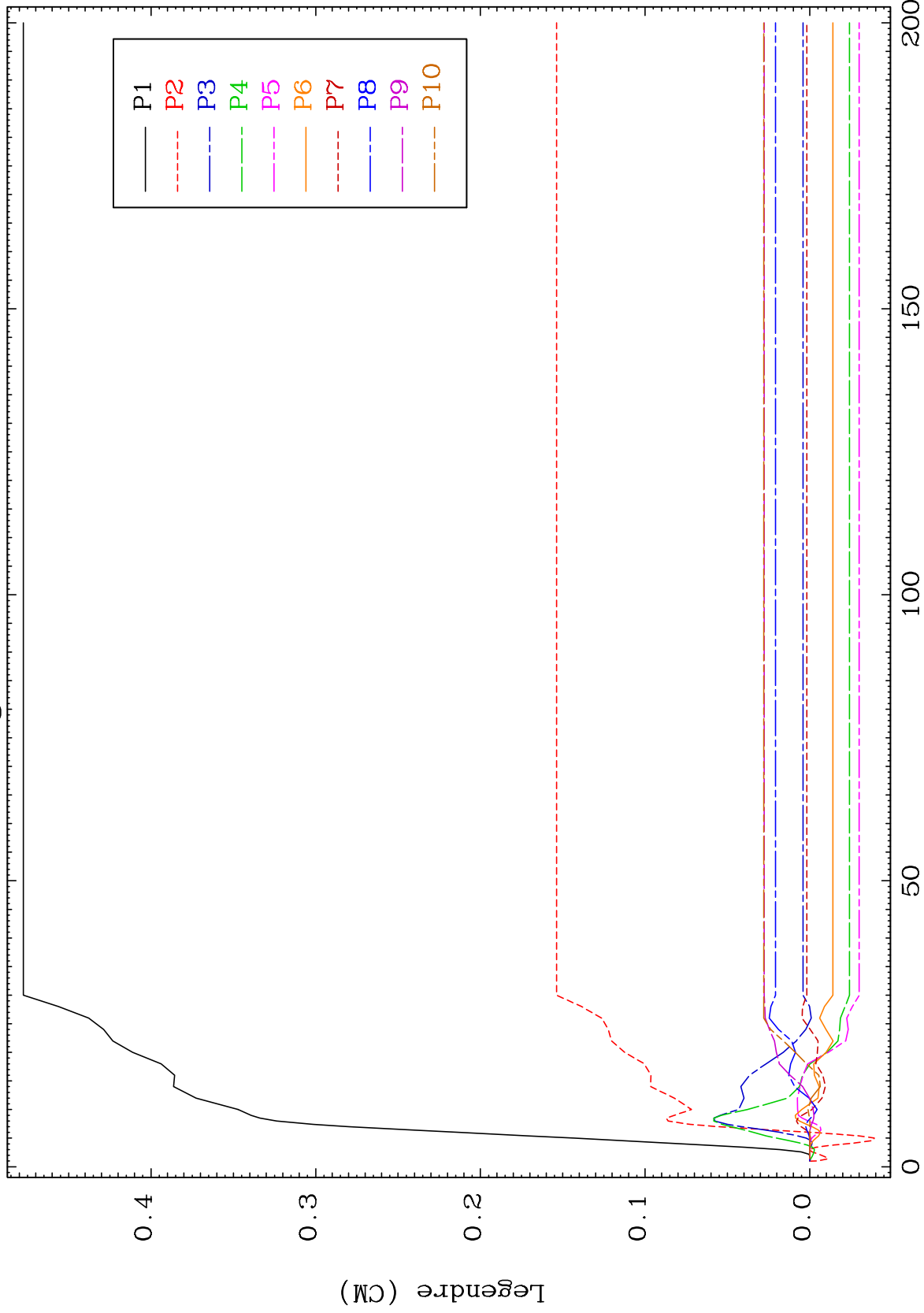
79-Au-202



MAT 7940

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

79-Au-202



42

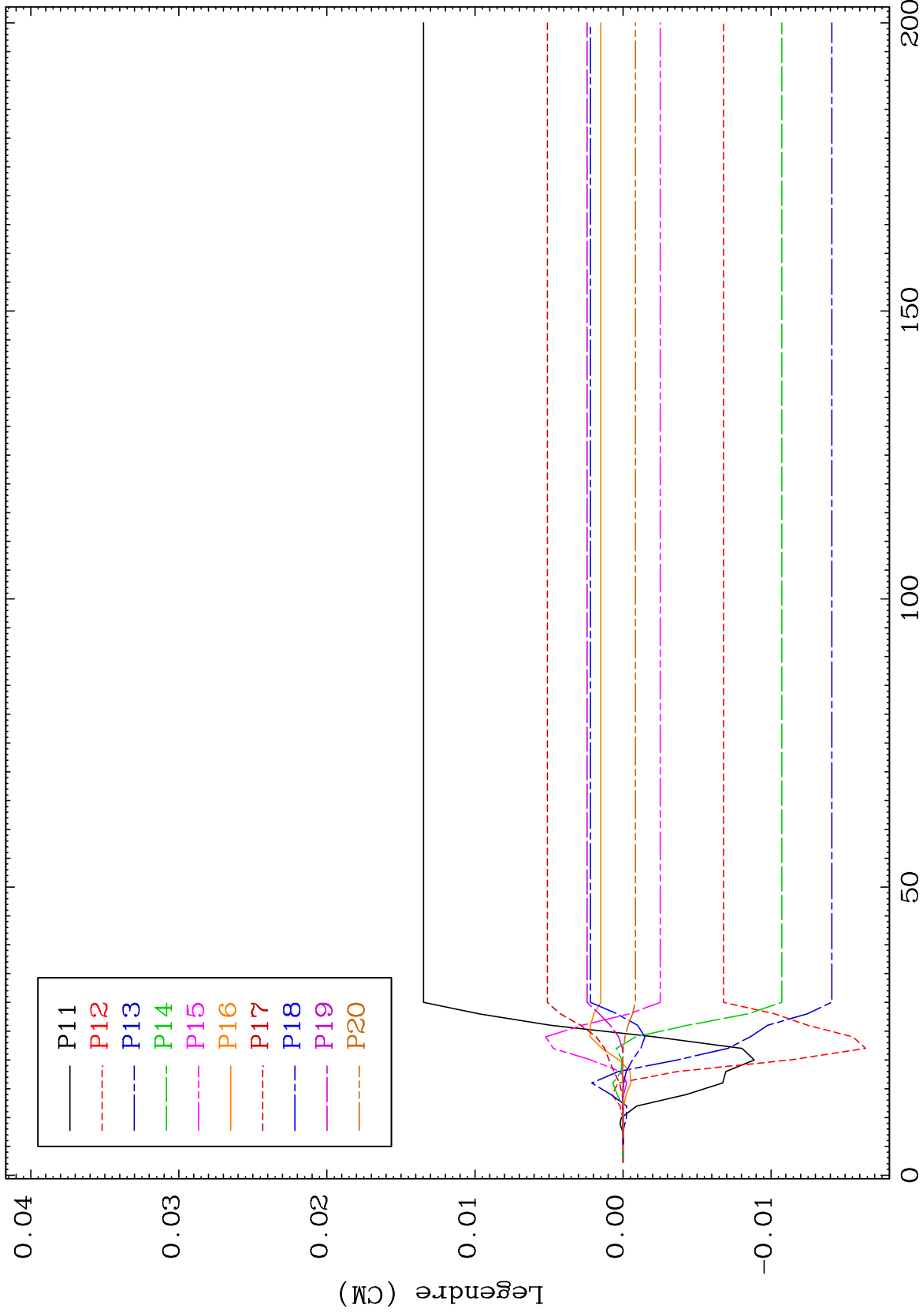
Incident Energy (MeV)

79-Au-202

MAT 7940

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

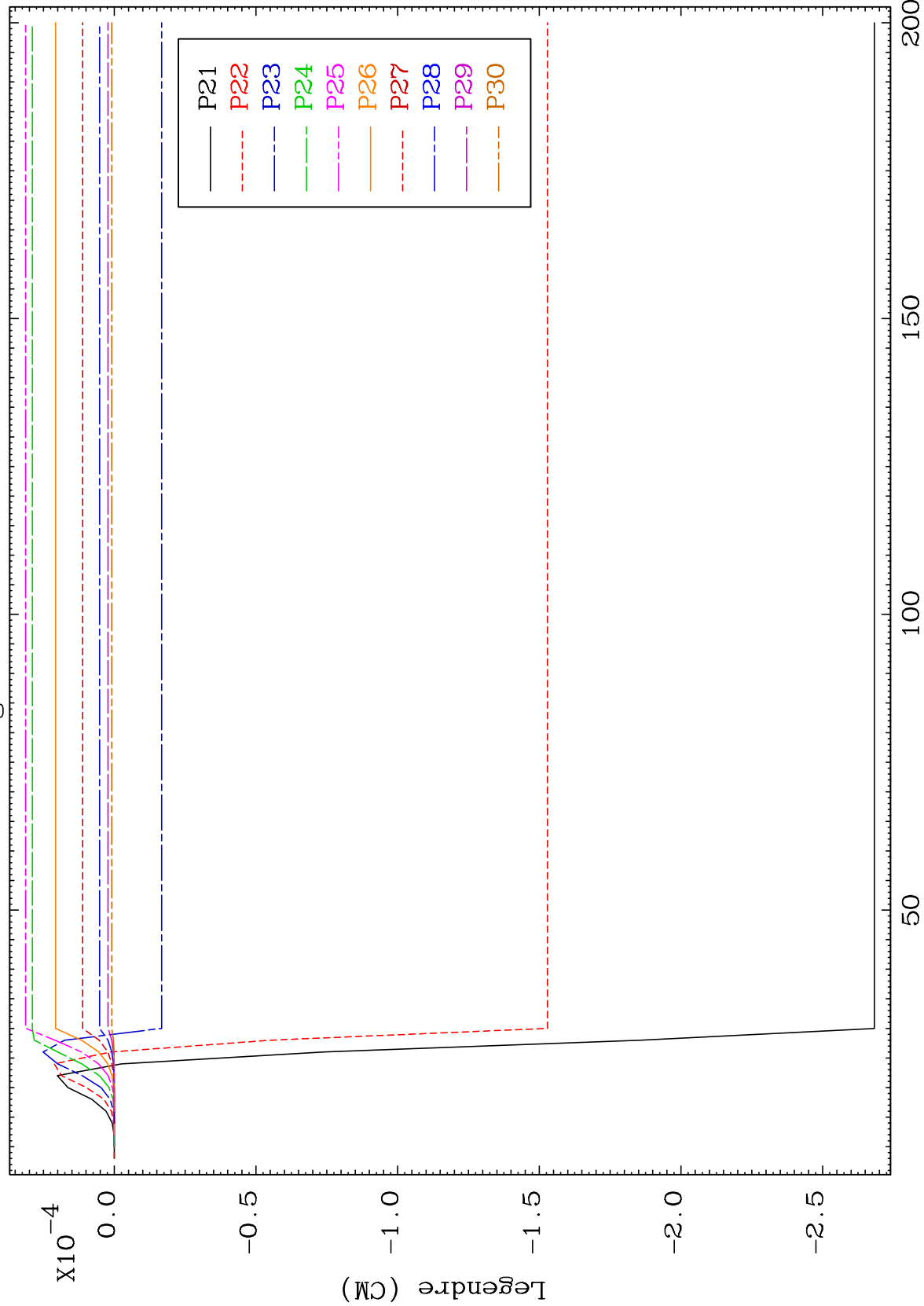
79-Au-202



43

Incident Energy (MeV)

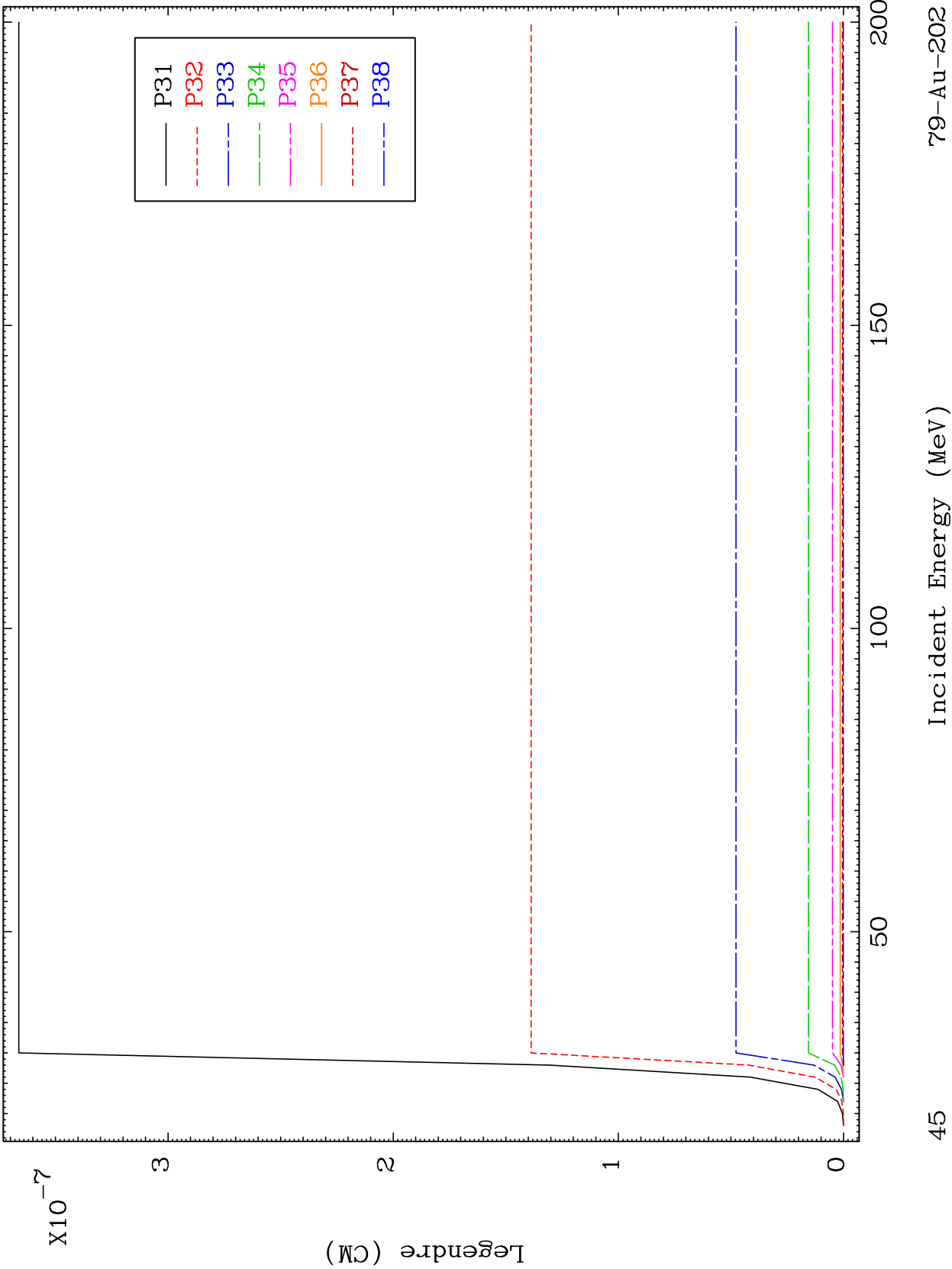
79-Au-202



MAT 7940

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

79-Au-202



79-Au-202

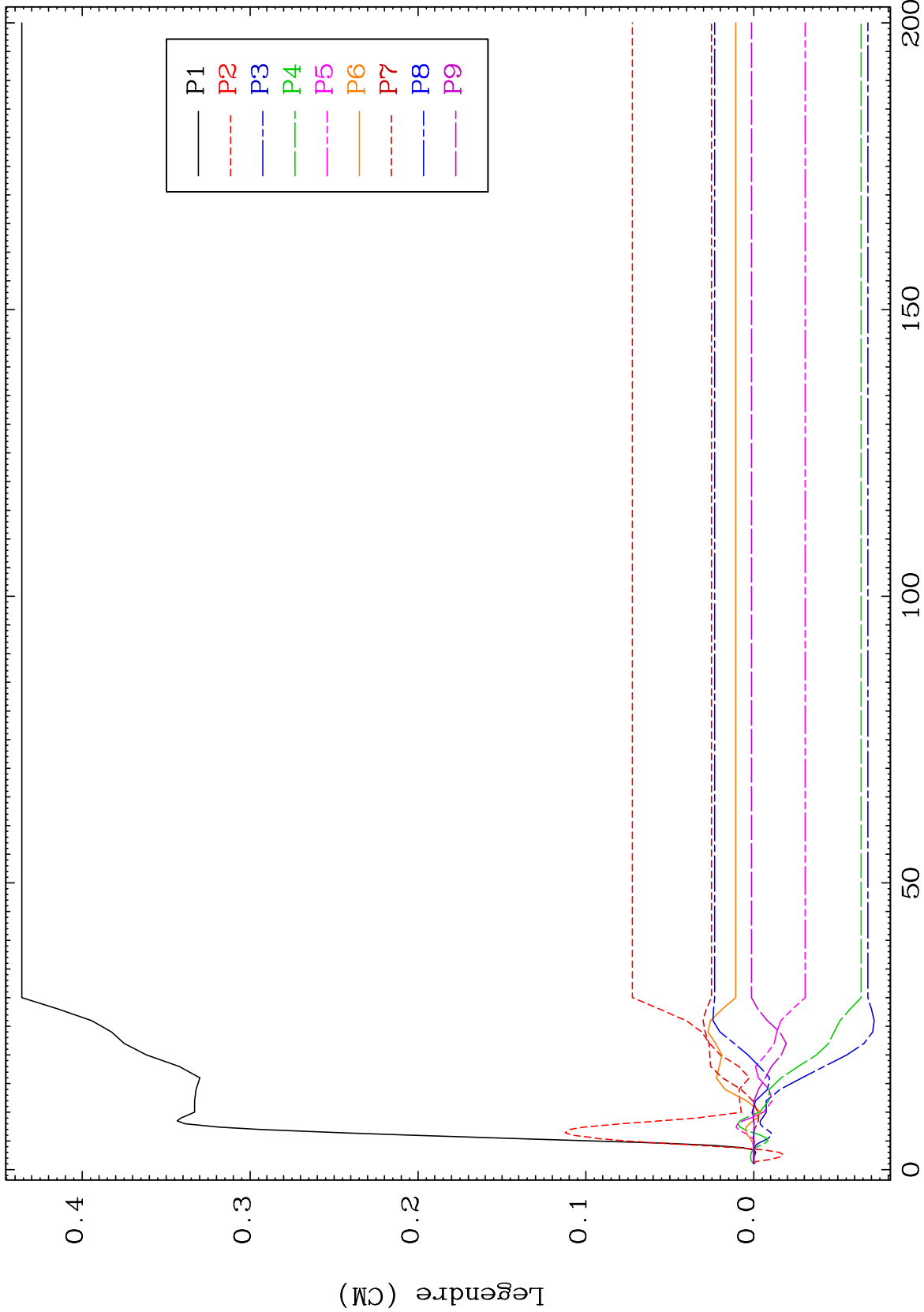
Incident Energy (MeV)

45

MAT 7940

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

79-Au-202



46

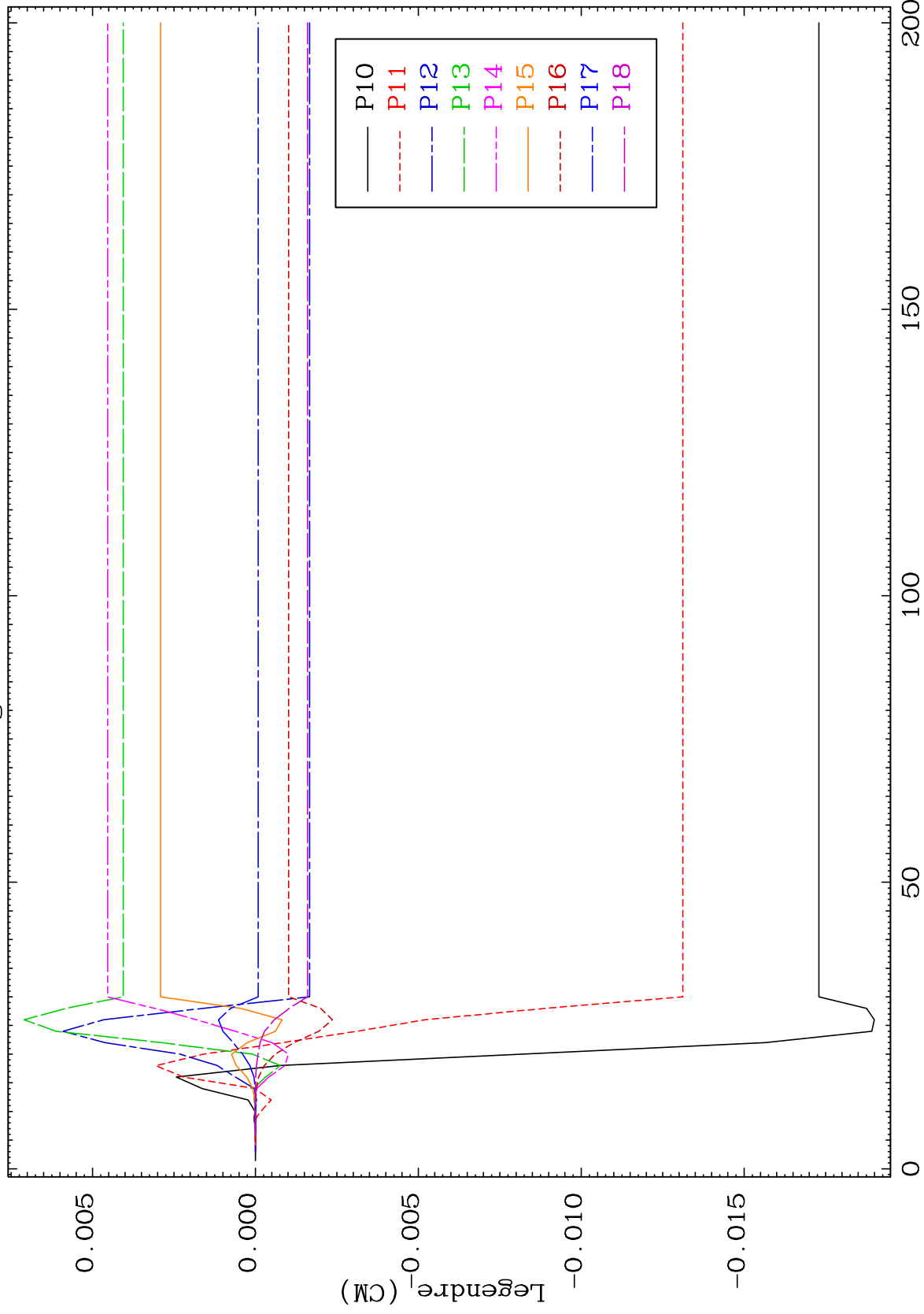
Incident Energy (MeV)

79-Au-202

MAT 7940

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

79-Au-202



47

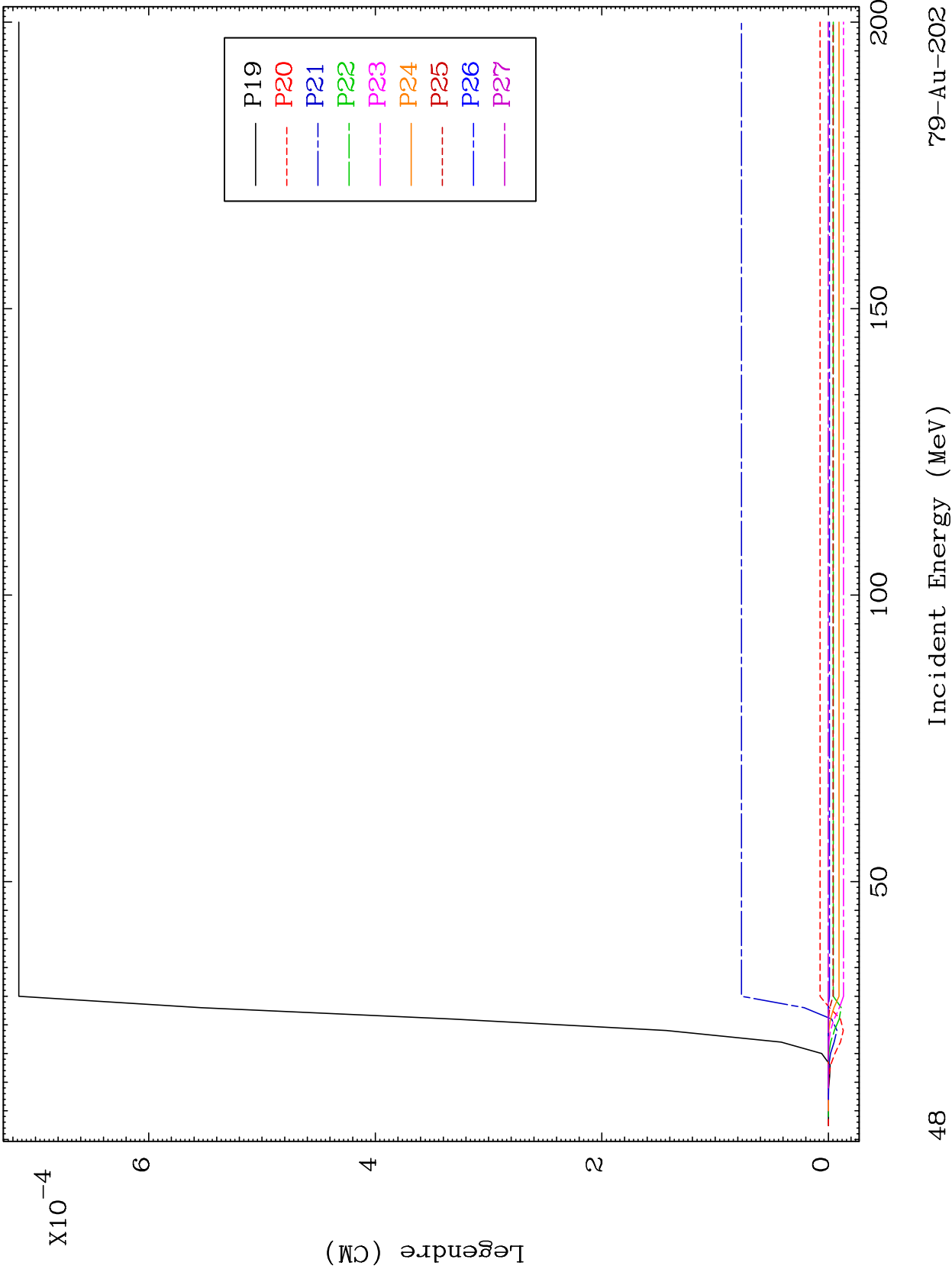
Incident Energy (MeV)

79-Au-202

MAT 7940

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

79-Au-202



48

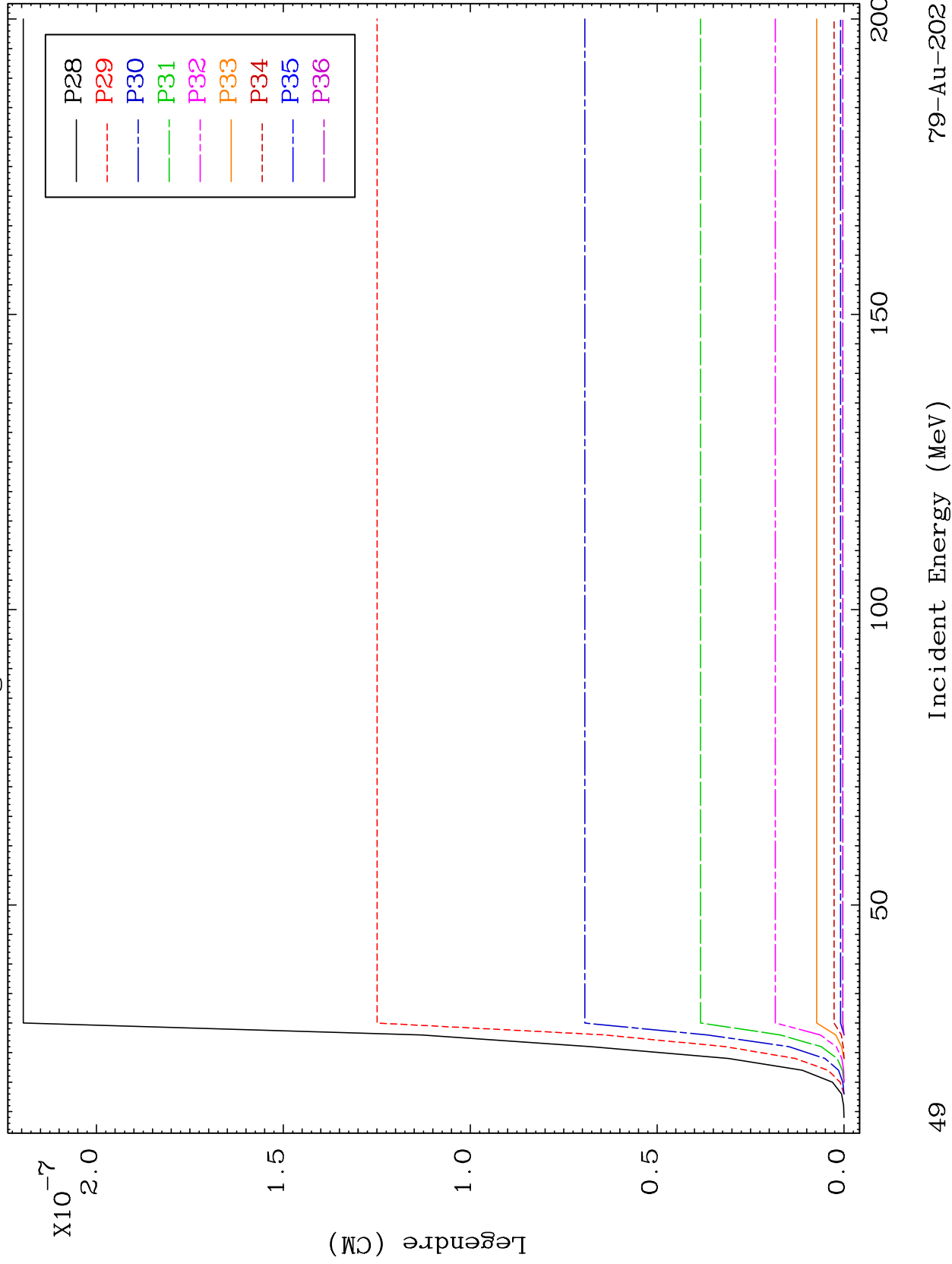
Incident Energy (MeV)

79-Au-202

MAT 7940

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

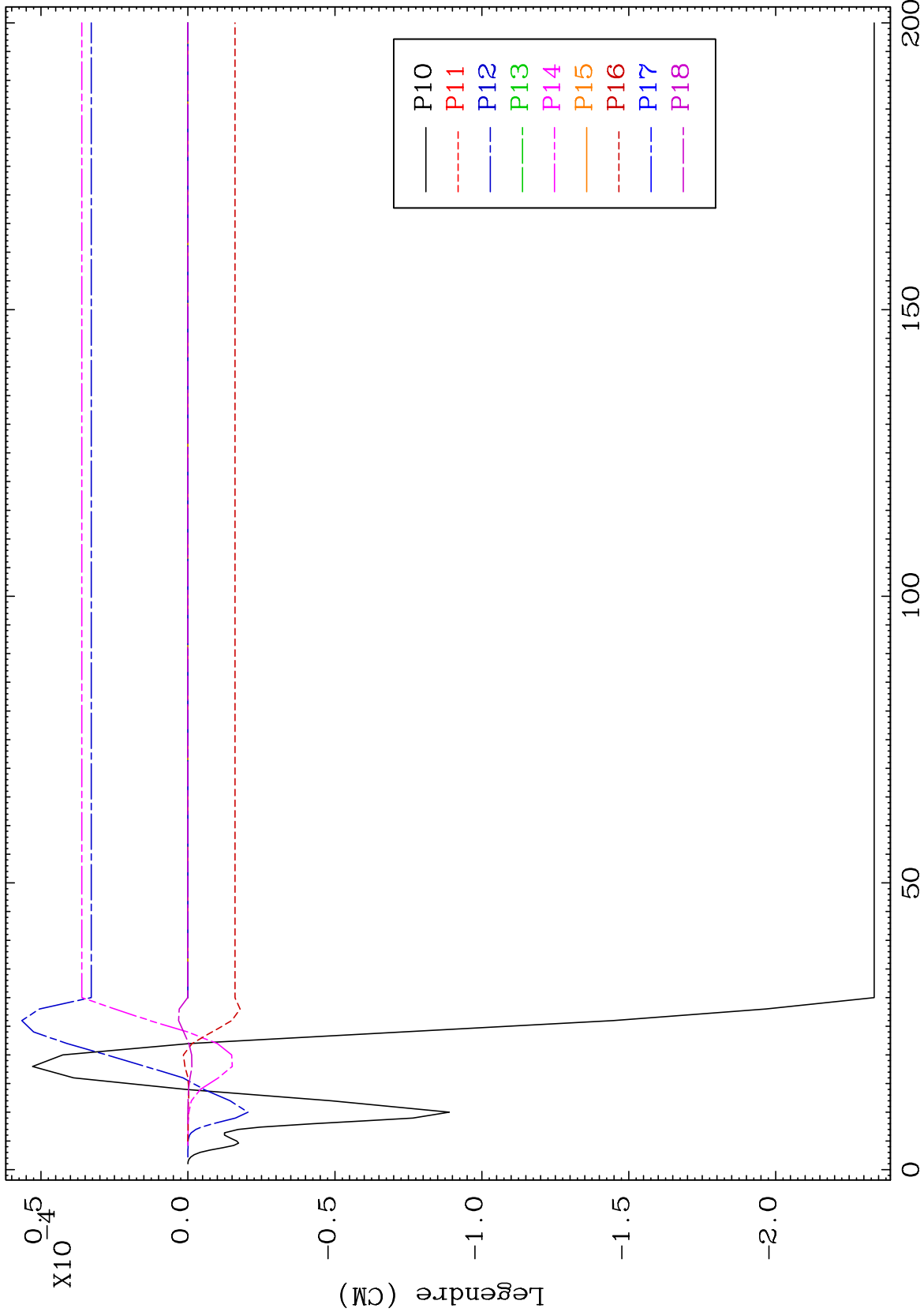
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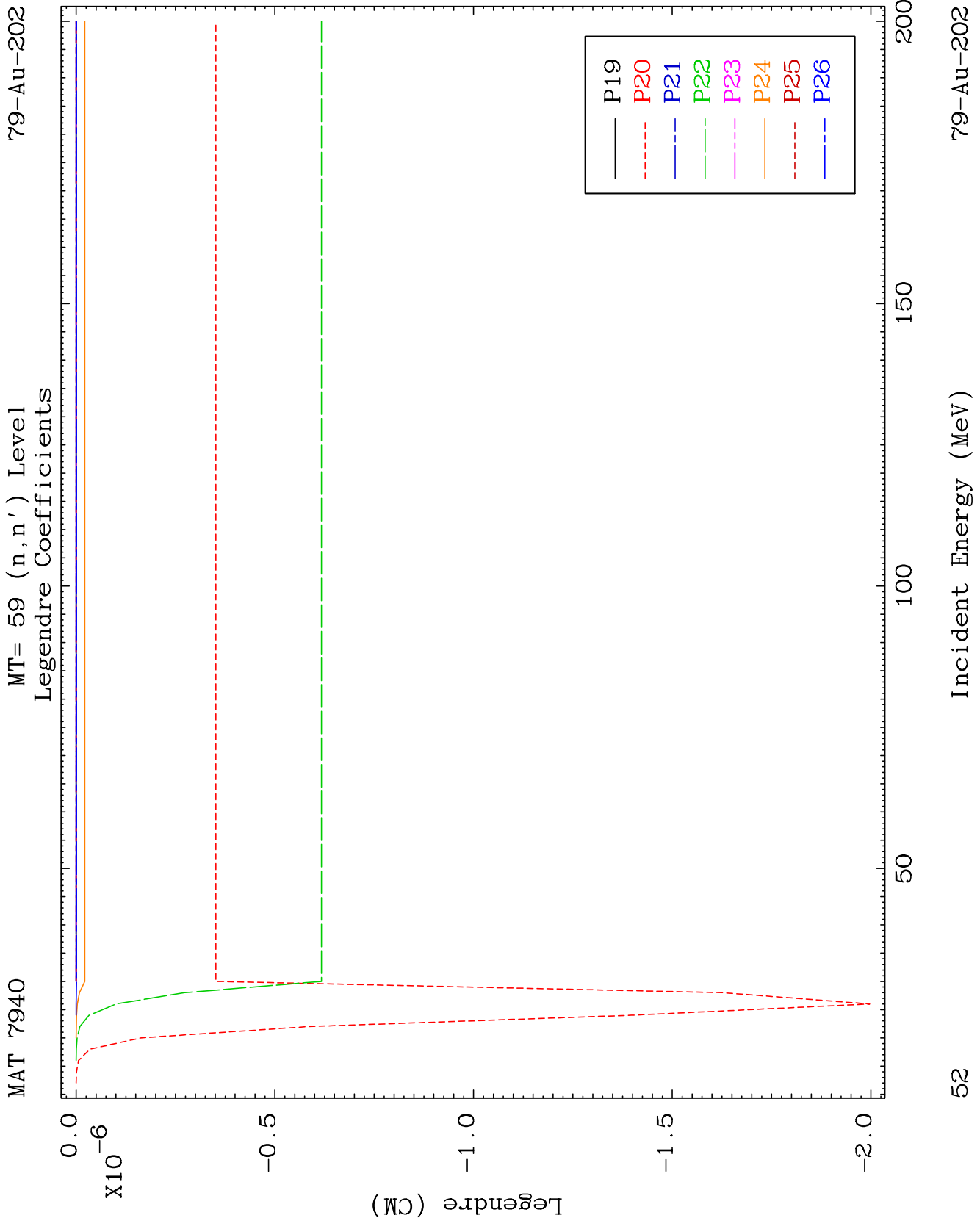


49

Incident Energy (MeV)

79-Au-202

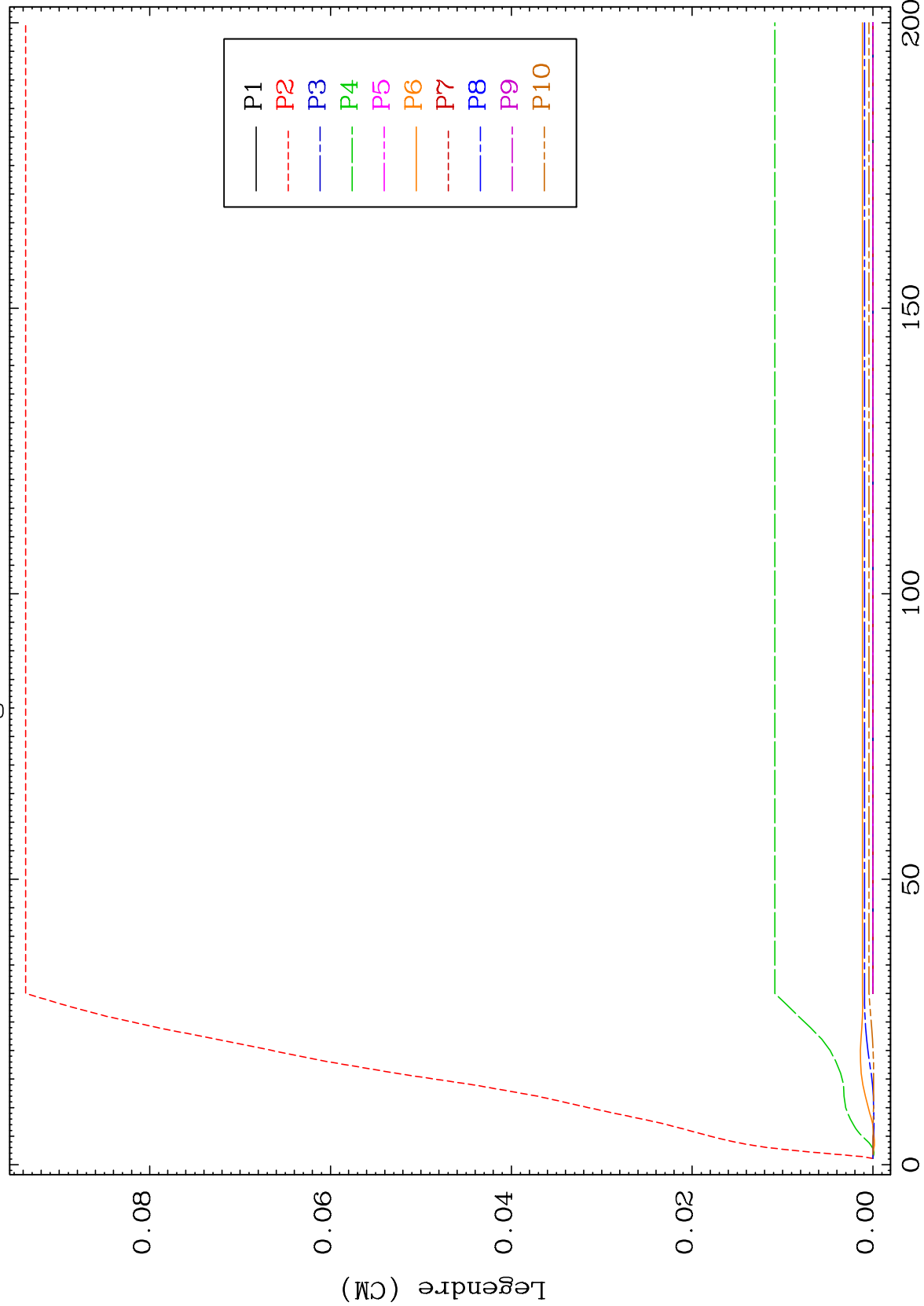




MAT 7940

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

79-Au-202



53

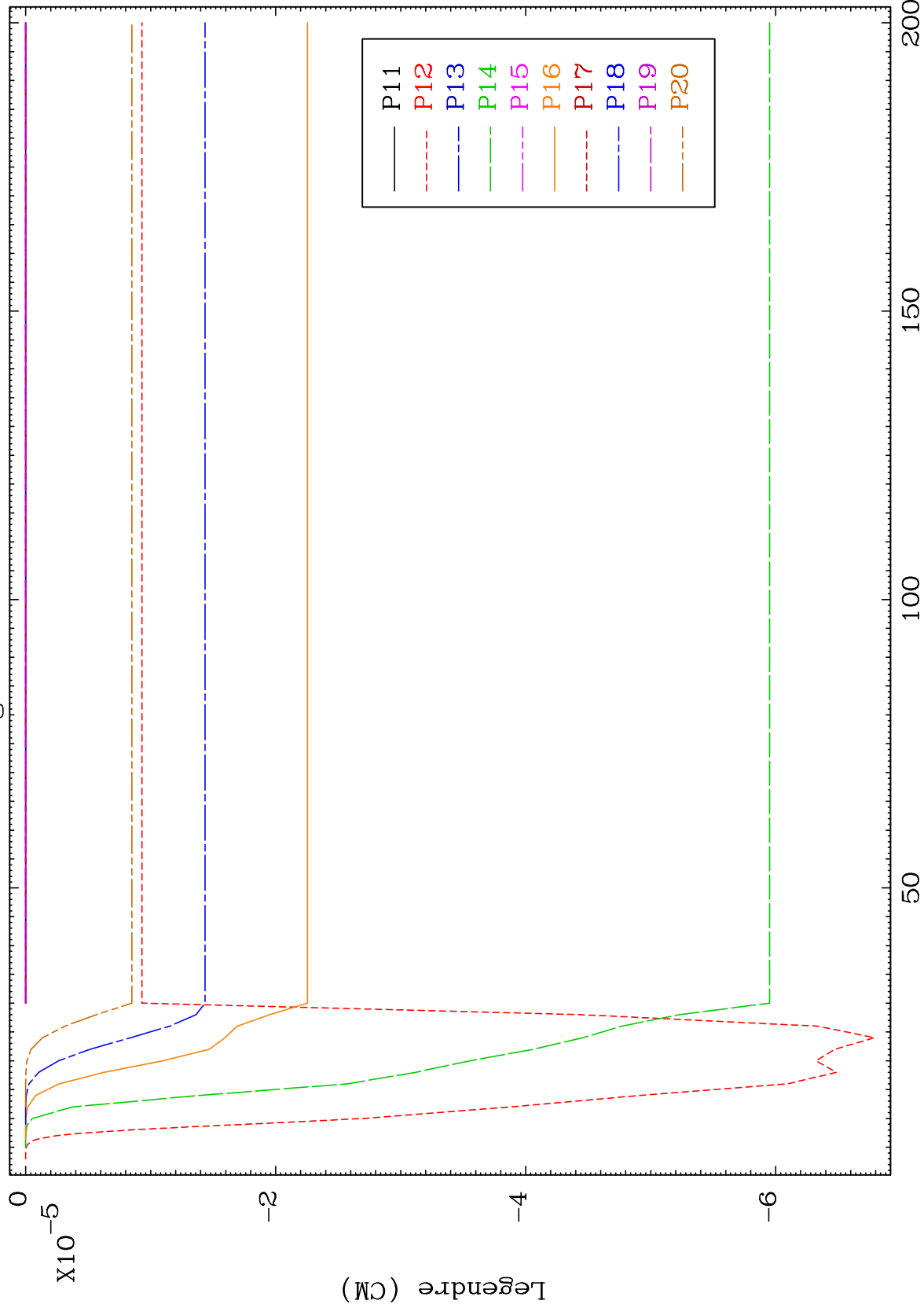
Incident Energy (MeV)

79-Au-202

MAT 7940

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

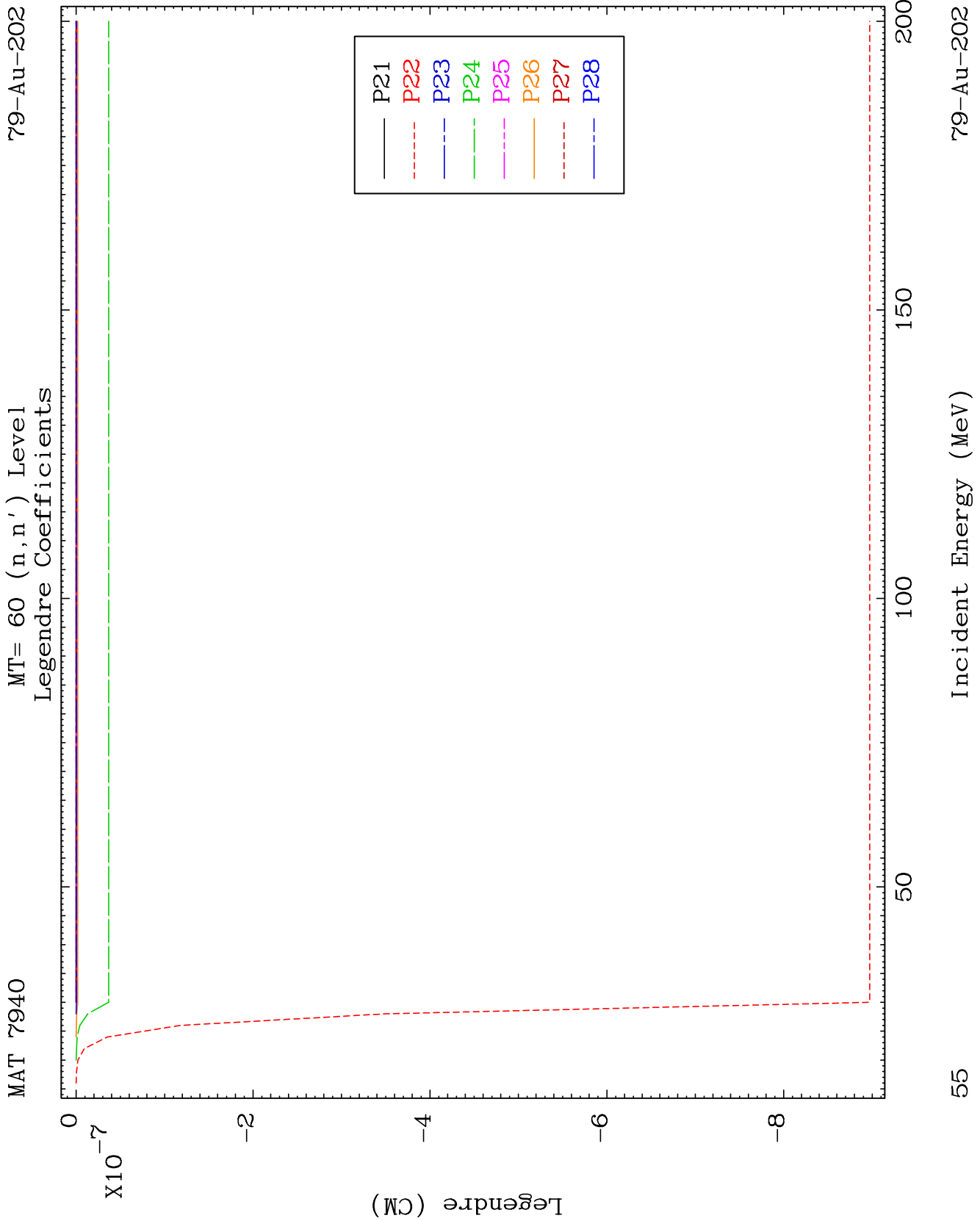
79-Au-202



54

Incident Energy (MeV)

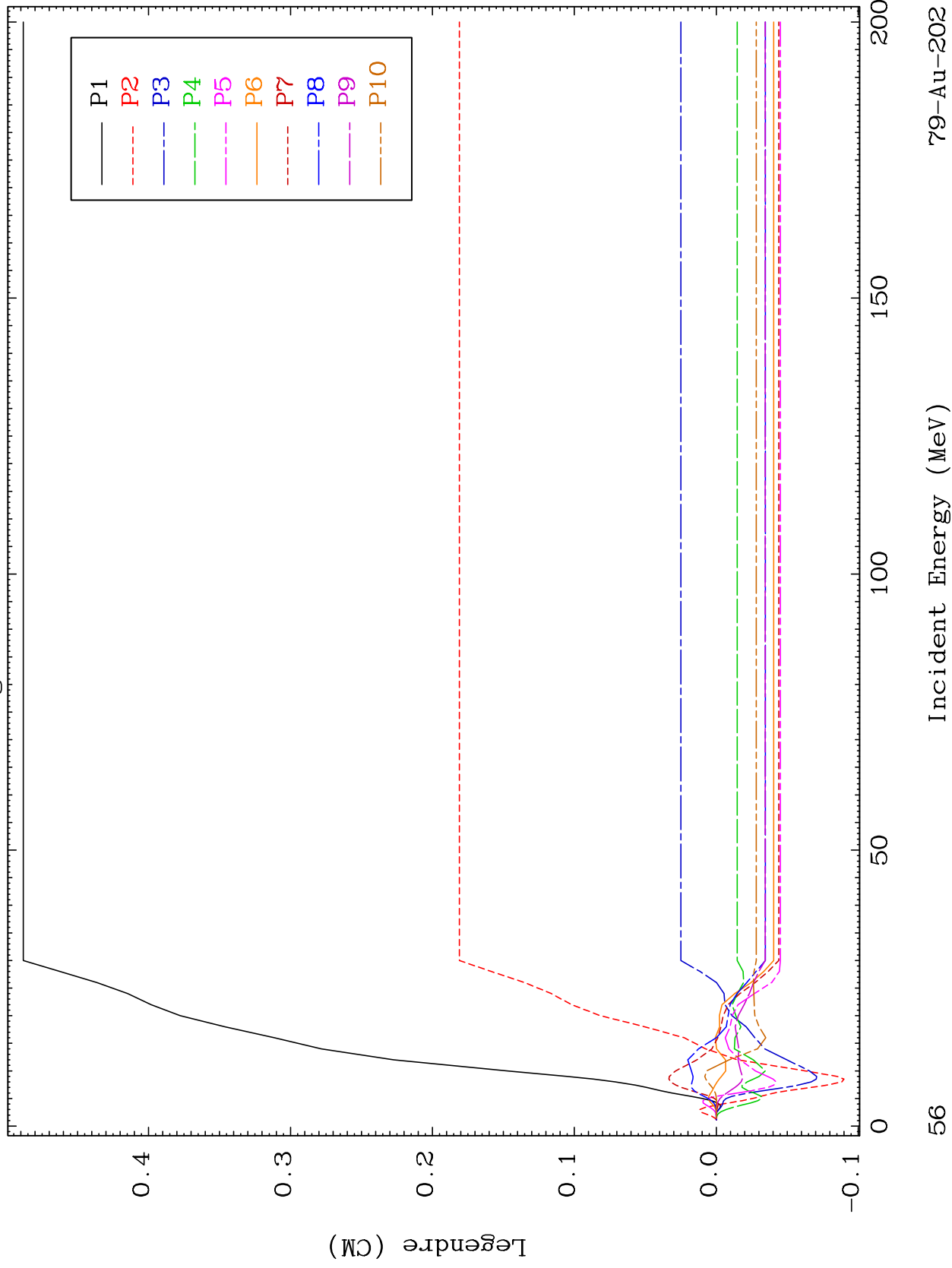
79-Au-202



MAT 7940

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

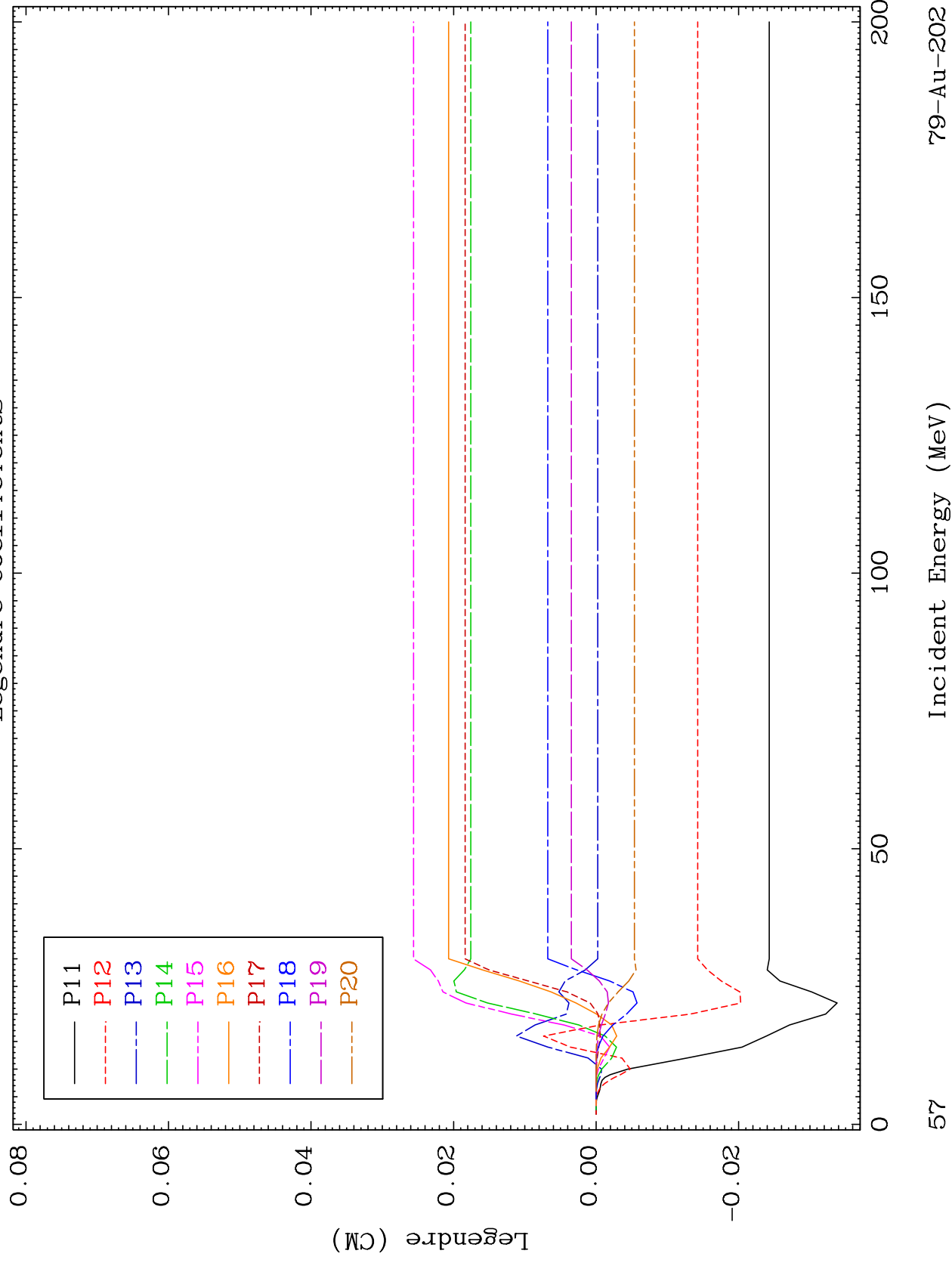
79-Au-202



MAT 7940

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

79-Au-202



57

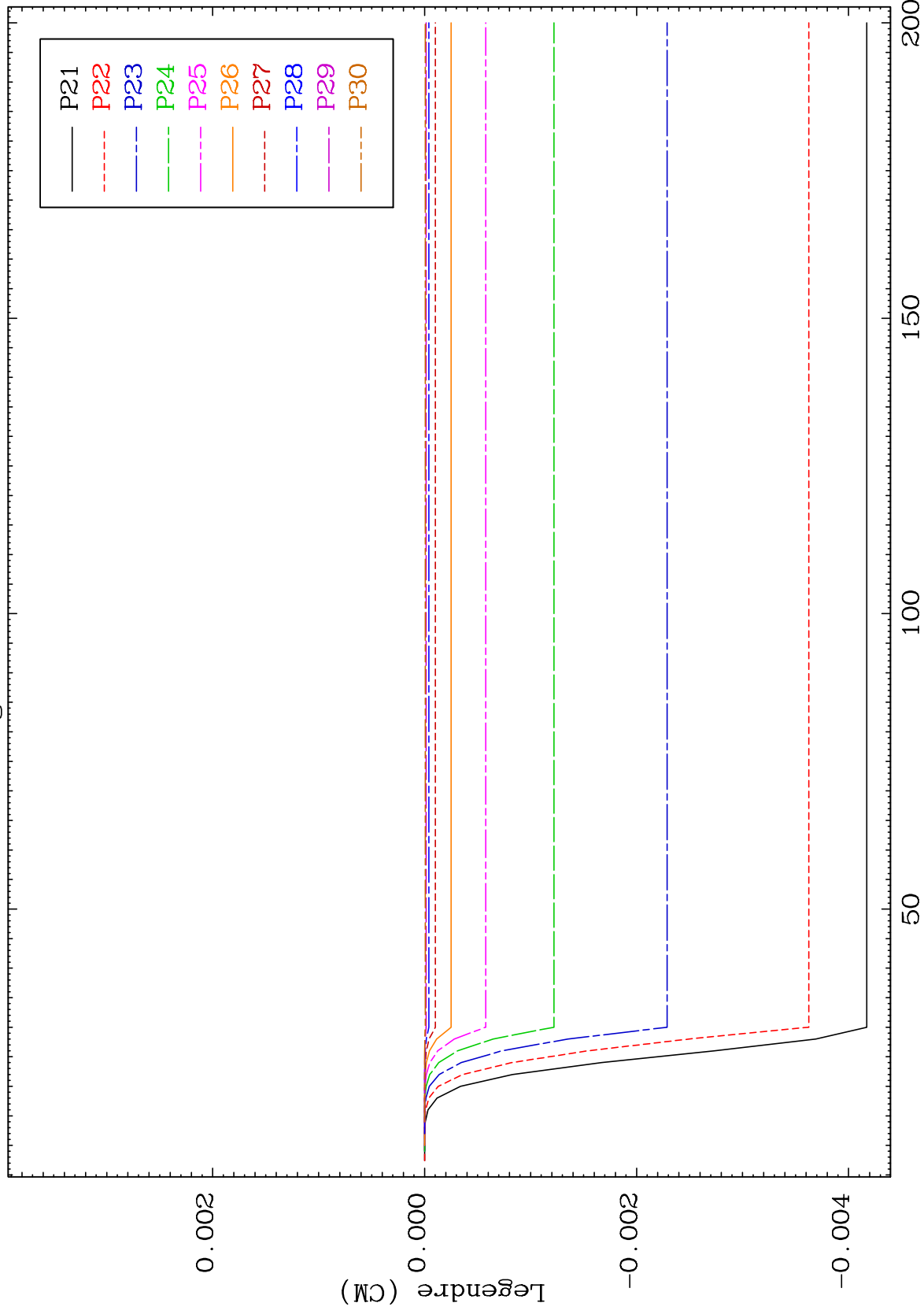
Incident Energy (MeV)

79-Au-202

MAT 7940

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

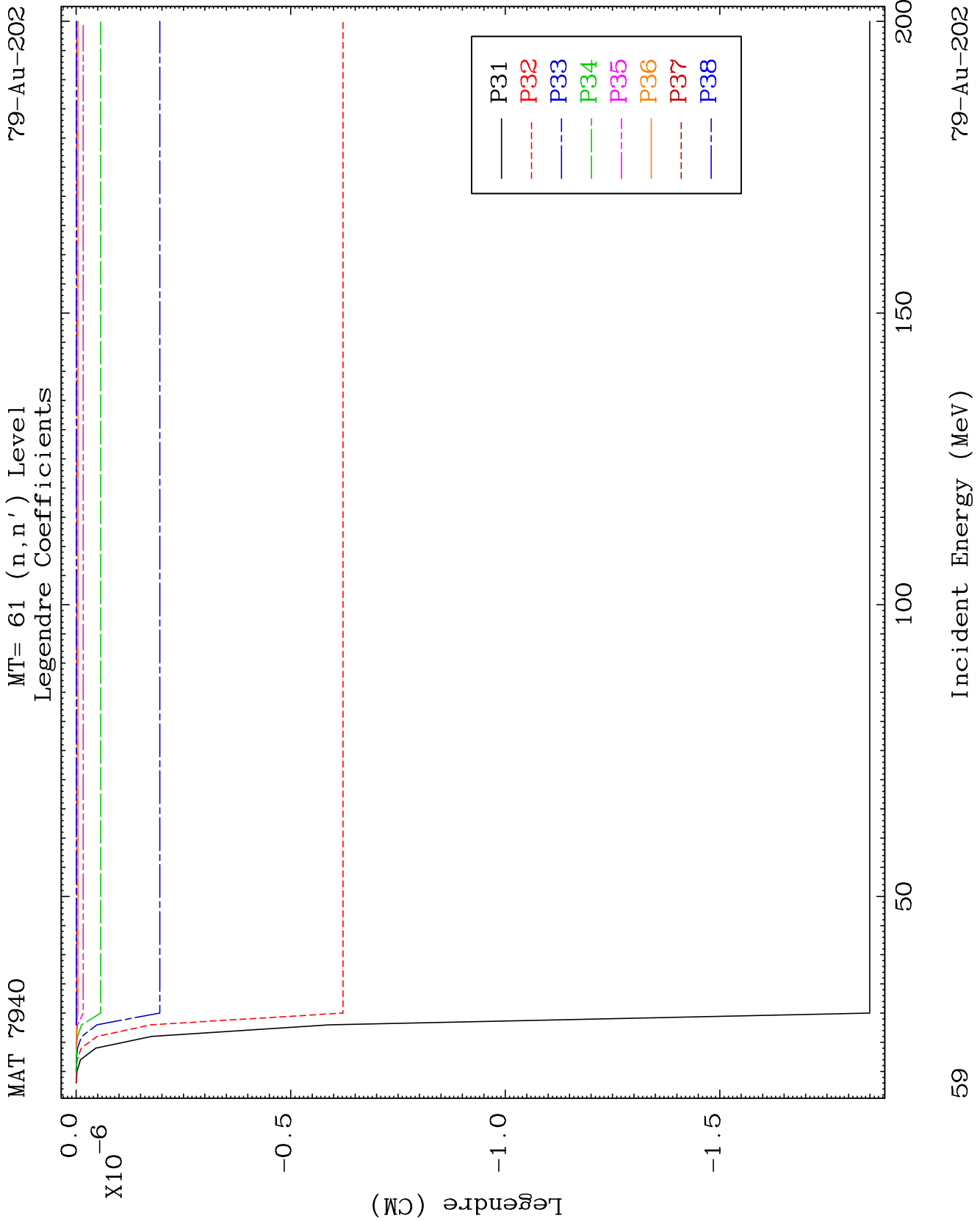
79-Au-202



58

Incident Energy (MeV)

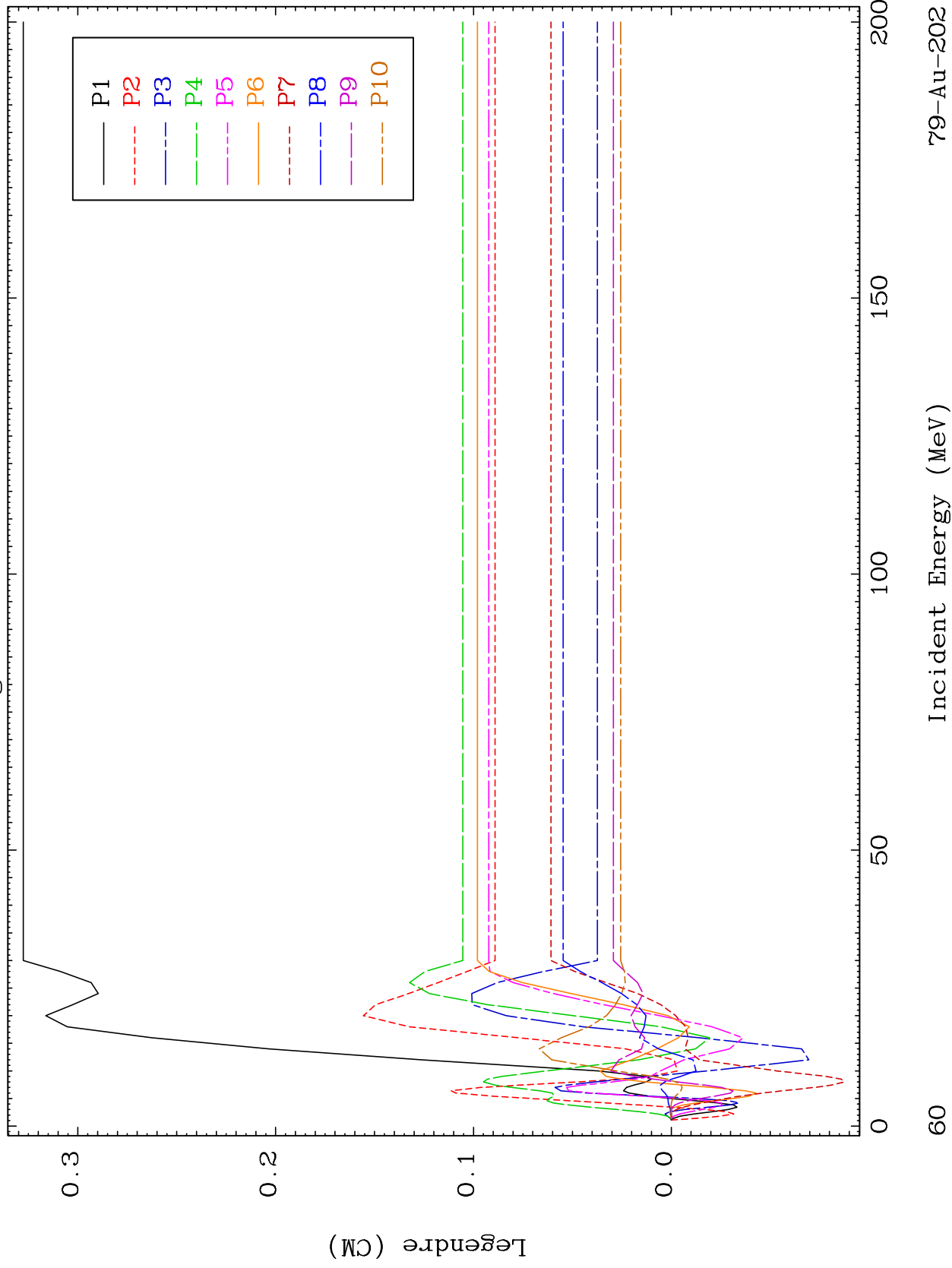
79-Au-202



MAT 7940

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

79-Au-202

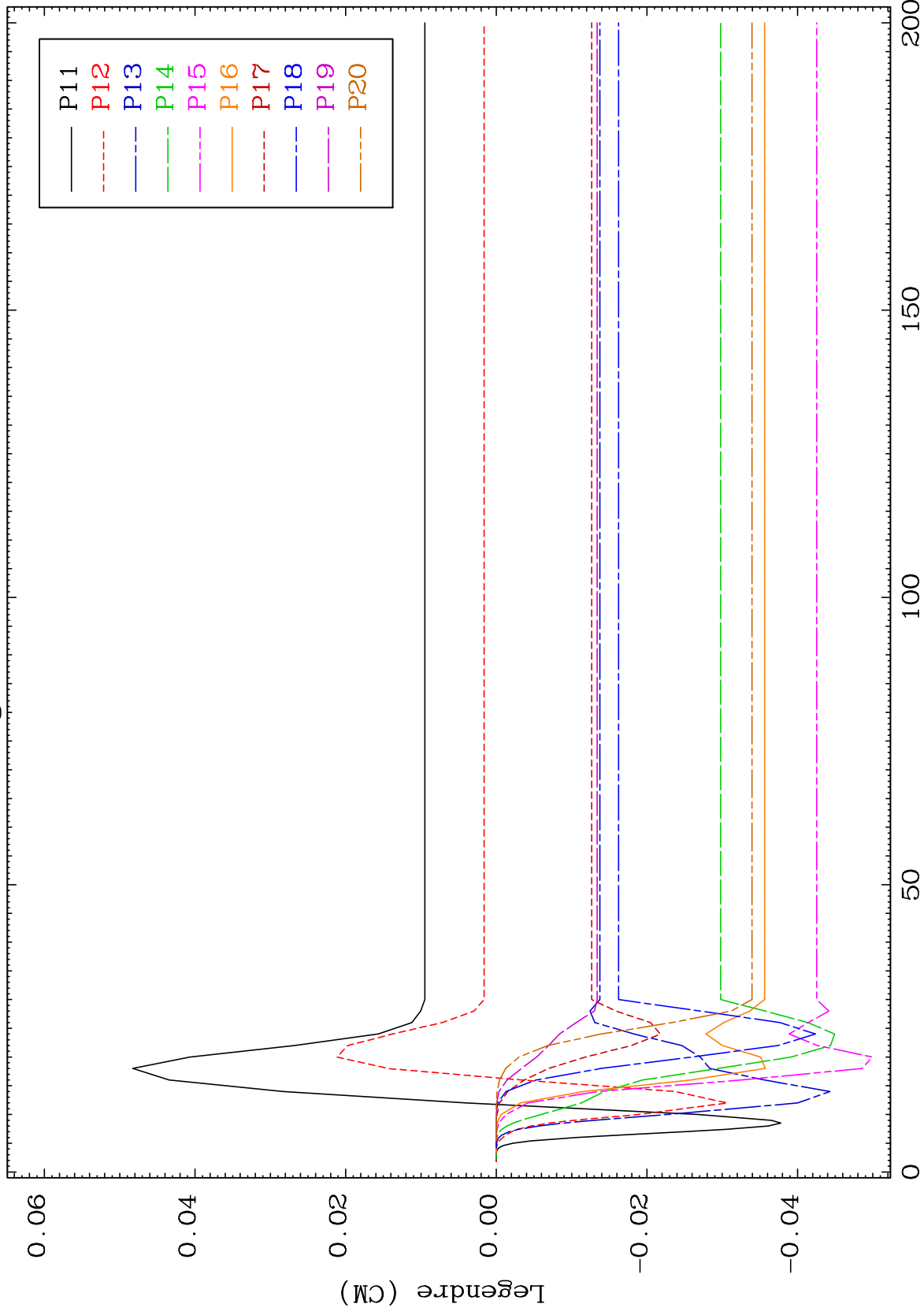


79-Au-202

MAT 7940

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

79-Au-202



61

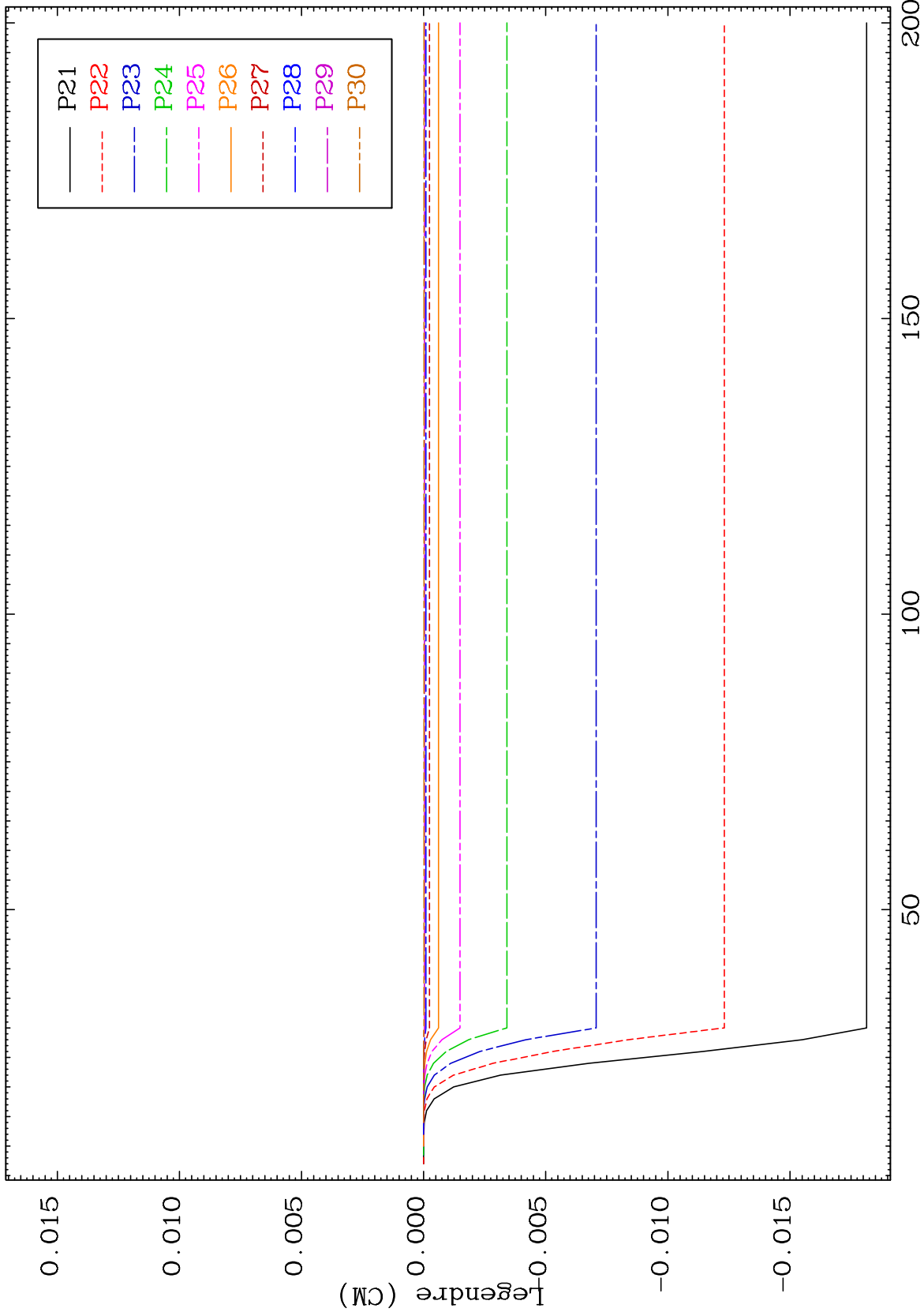
Incident Energy (MeV)

79-Au-202

MAT 7940

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

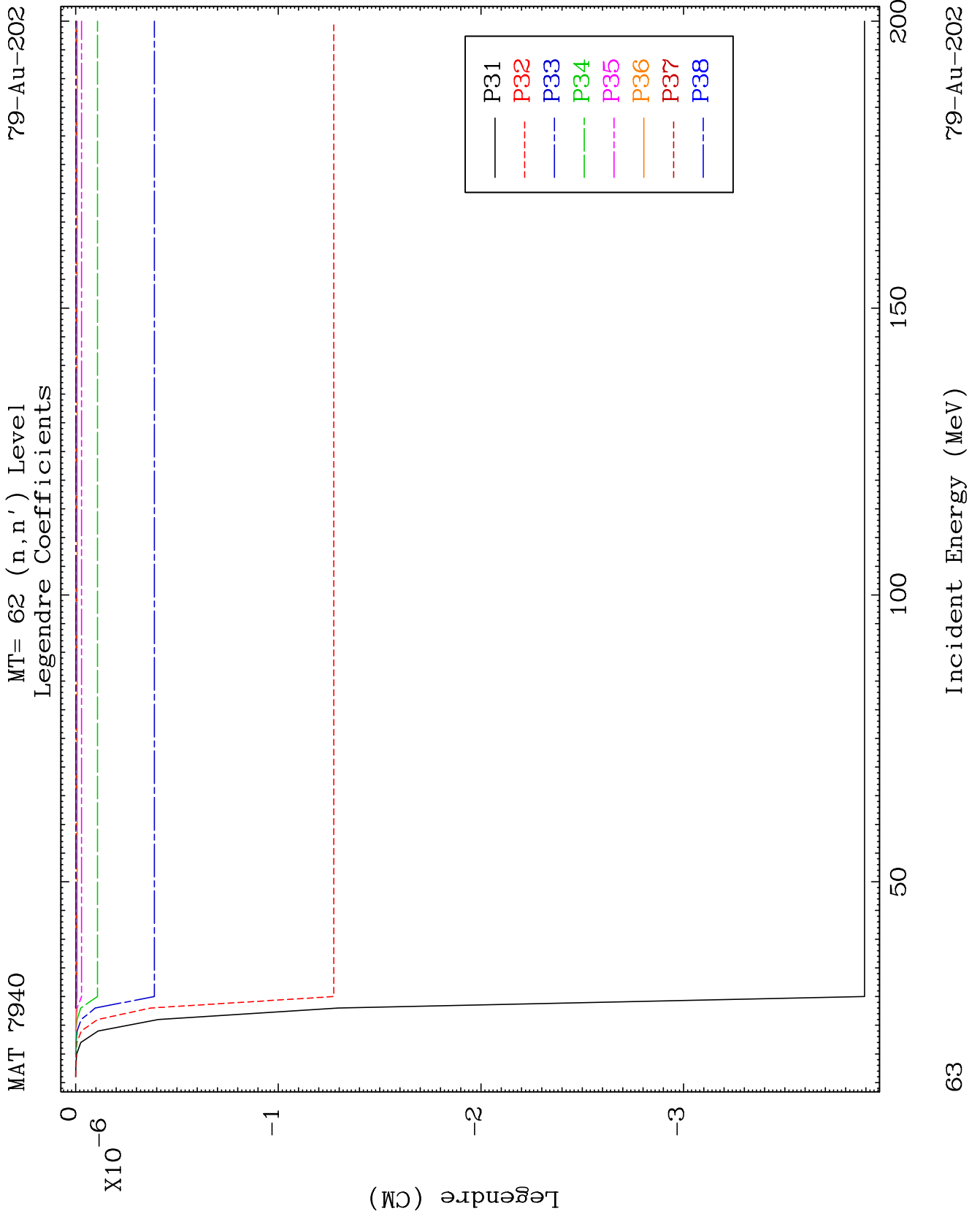
79-Au-202

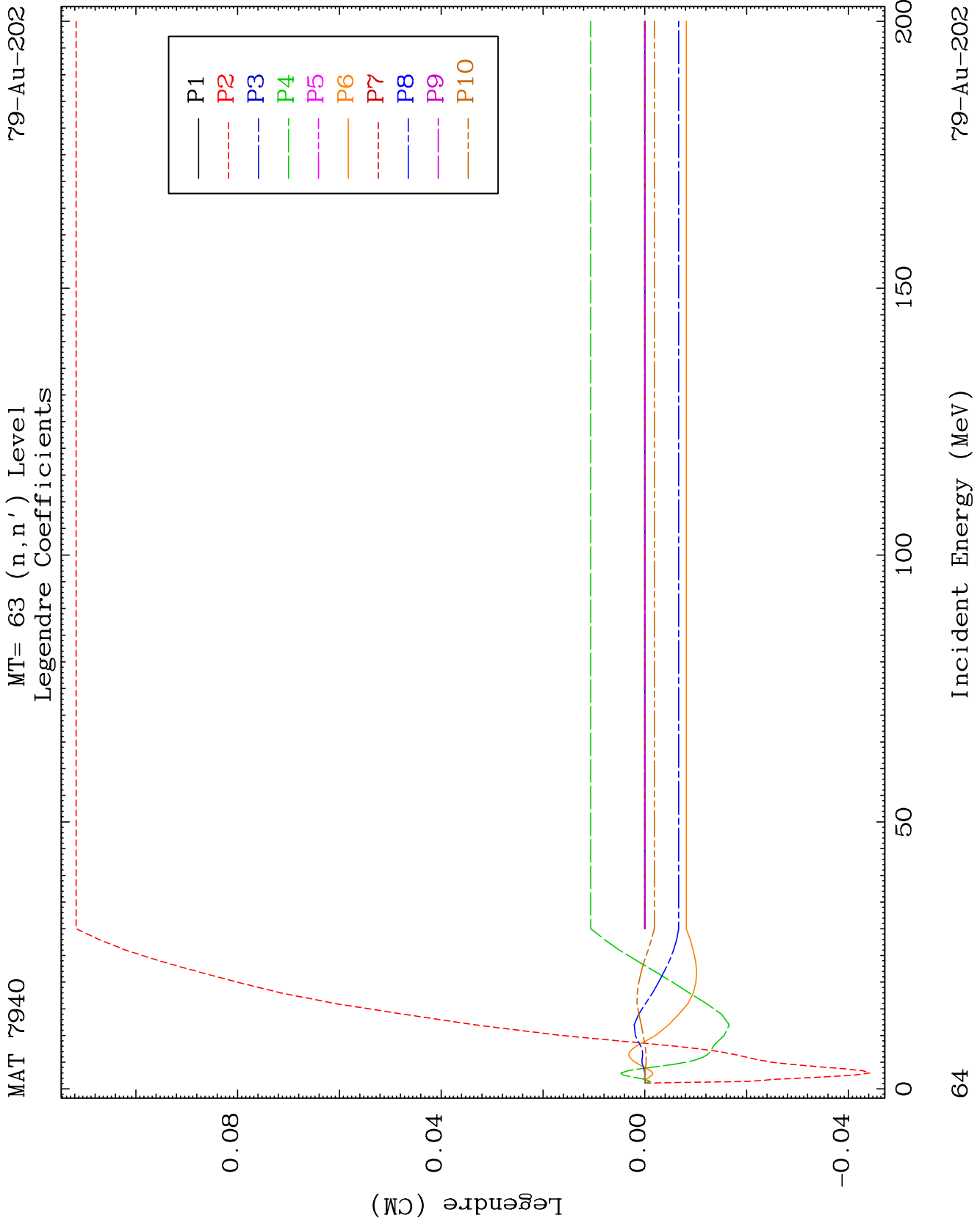


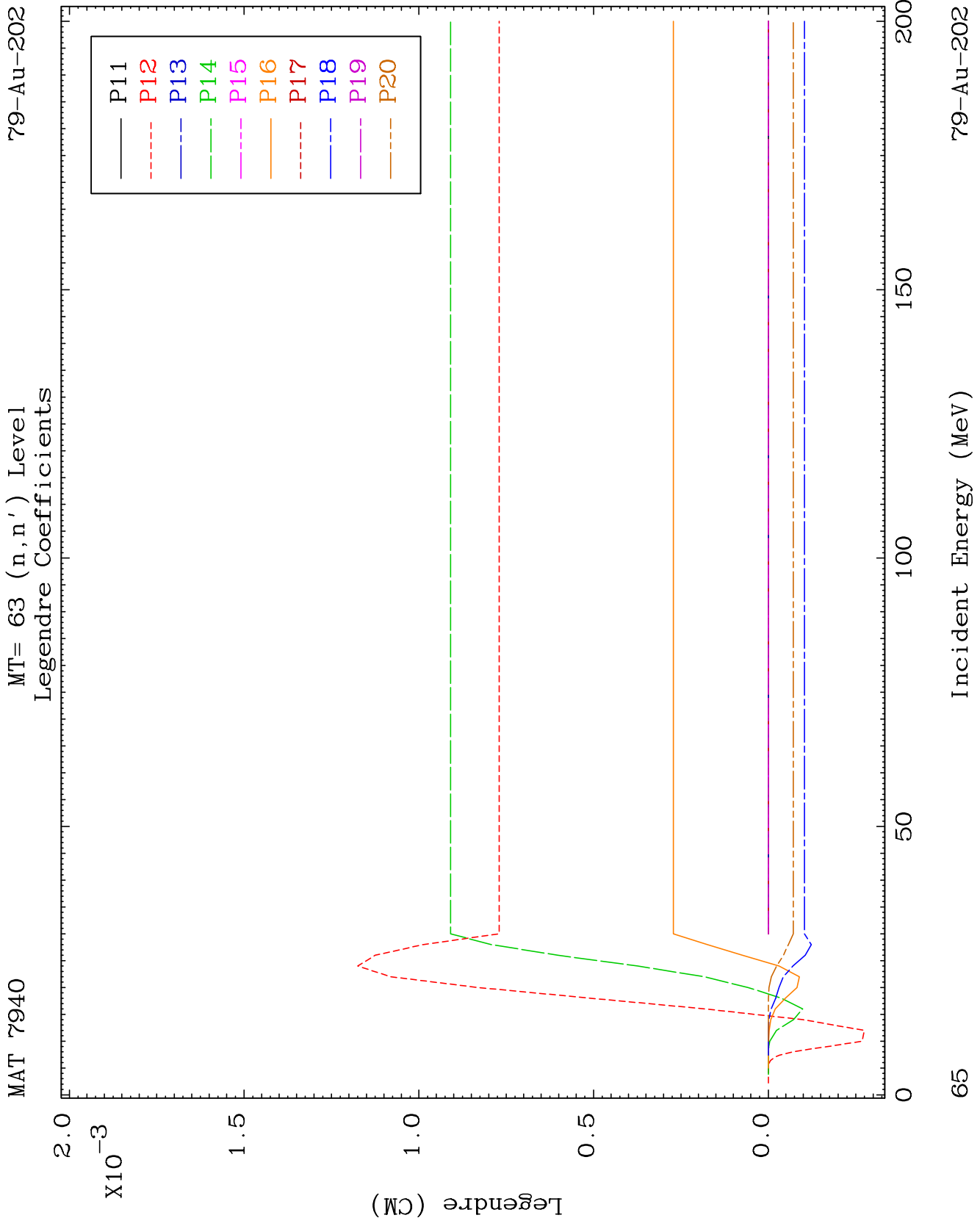
62

Incident Energy (MeV)

79-Au-202



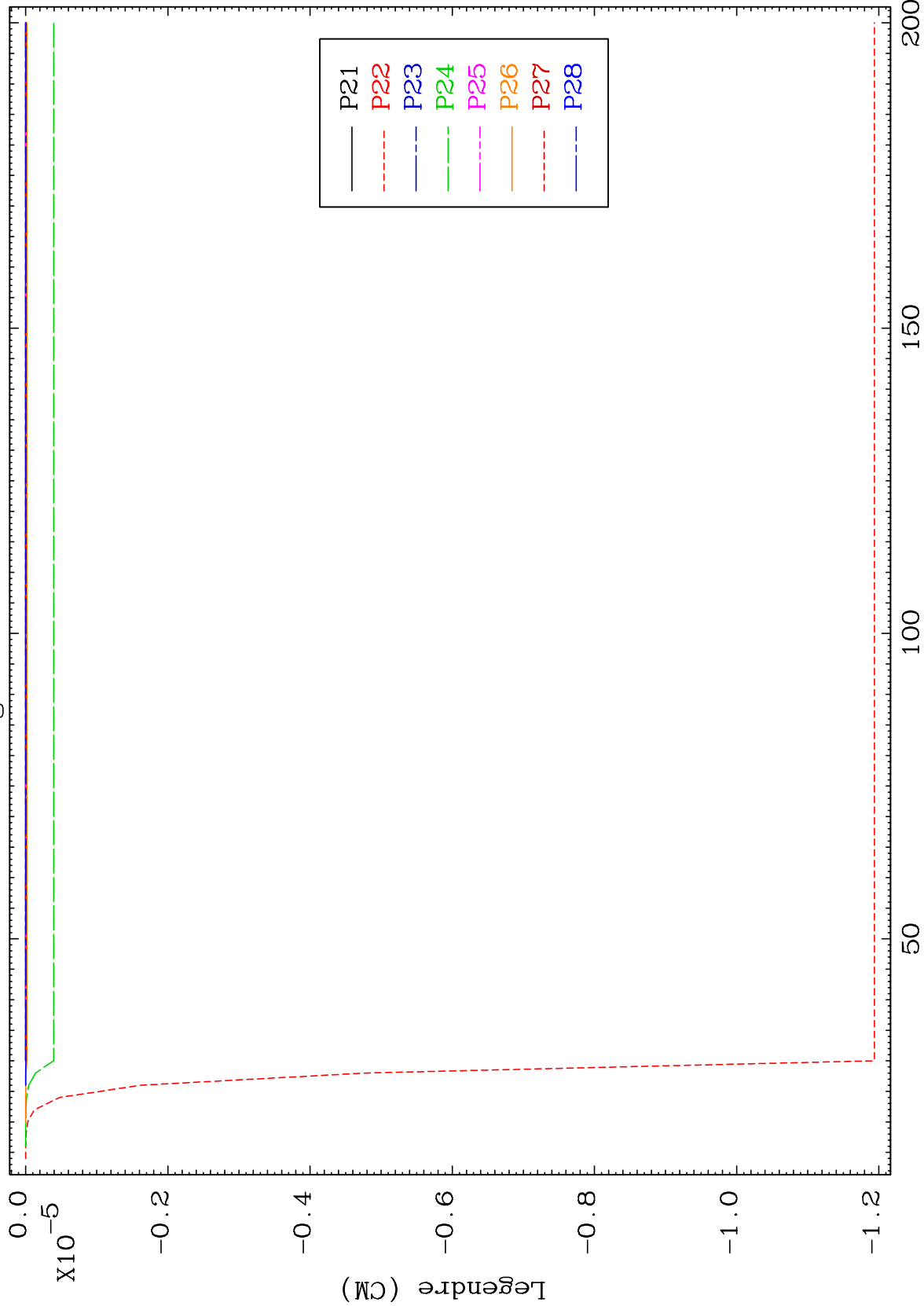




MAT 7940

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

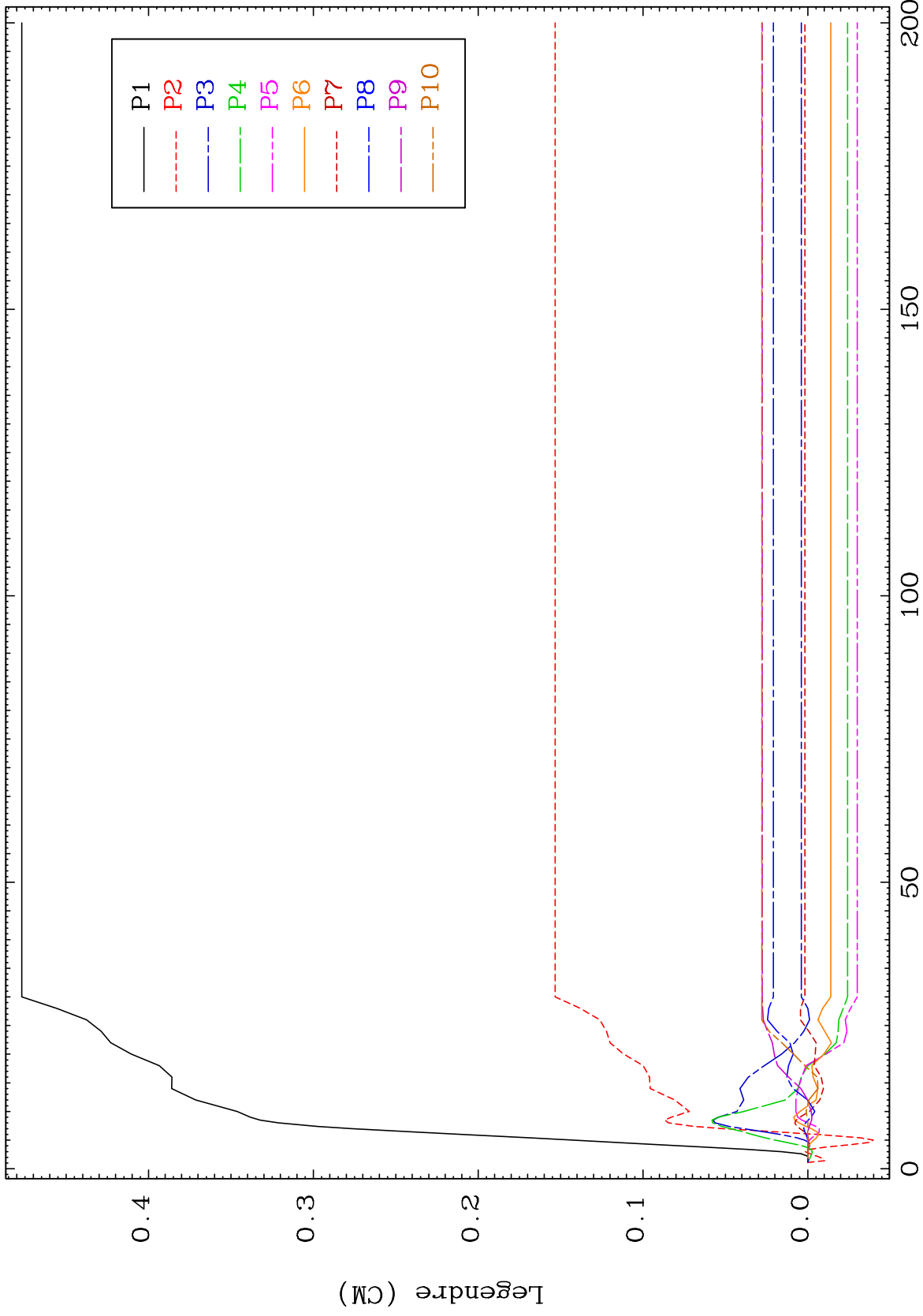
79-Au-202



MAT 7940

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

79-Au-202



67

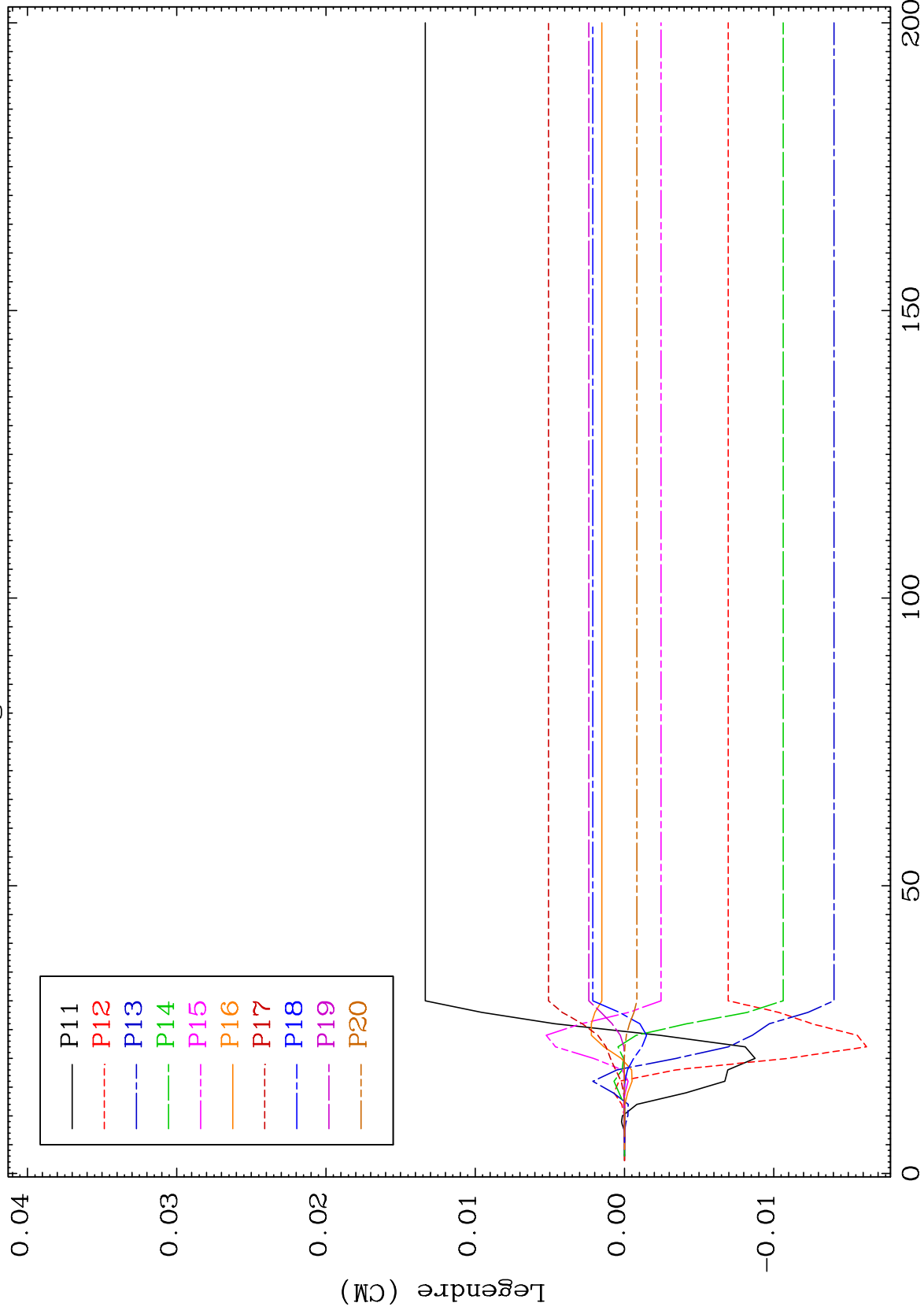
Incident Energy (MeV)

79-Au-202

MAT 7940

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

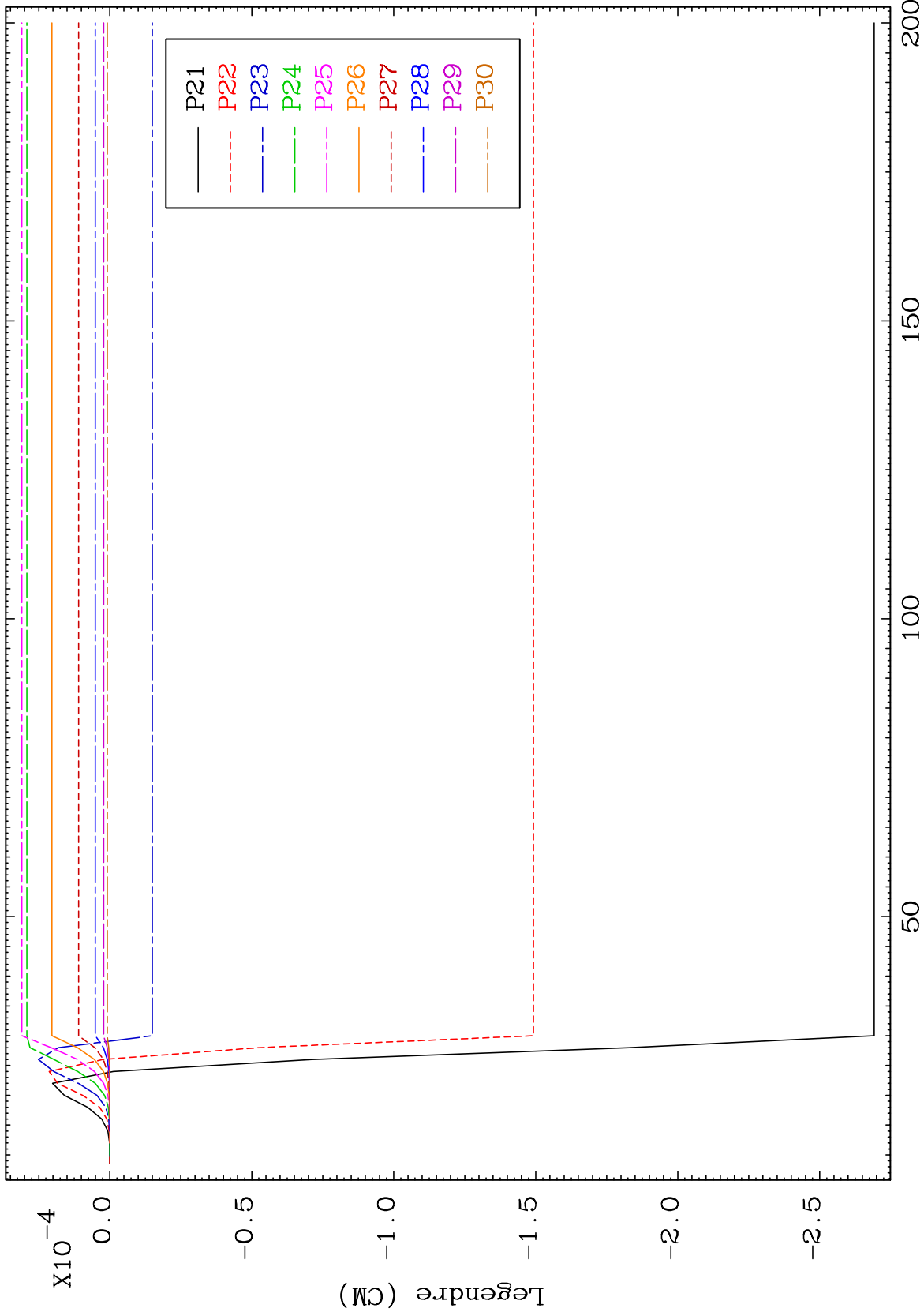
79-Au-202



68

Incident Energy (MeV)

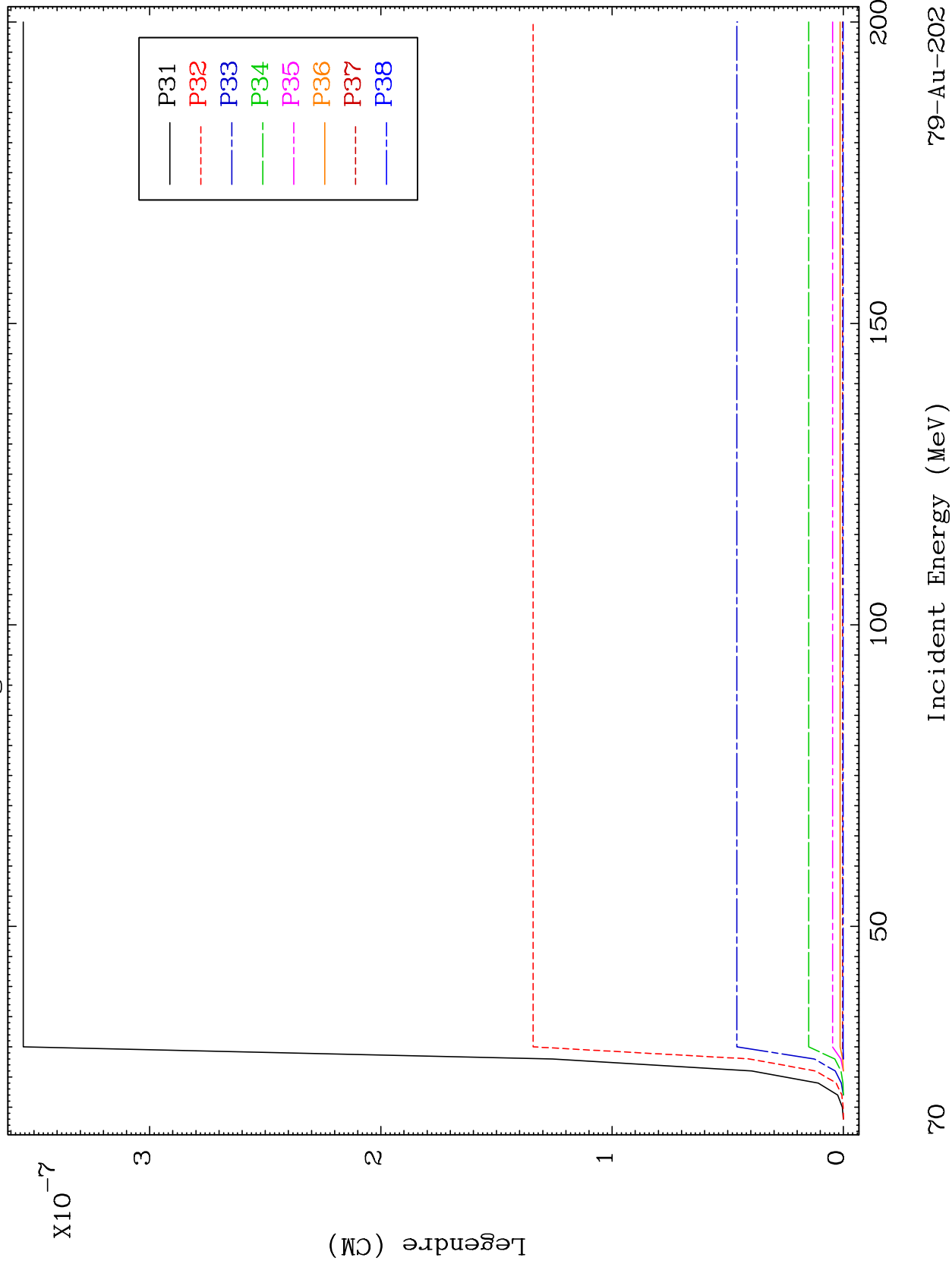
79-Au-202



MAT 7940

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

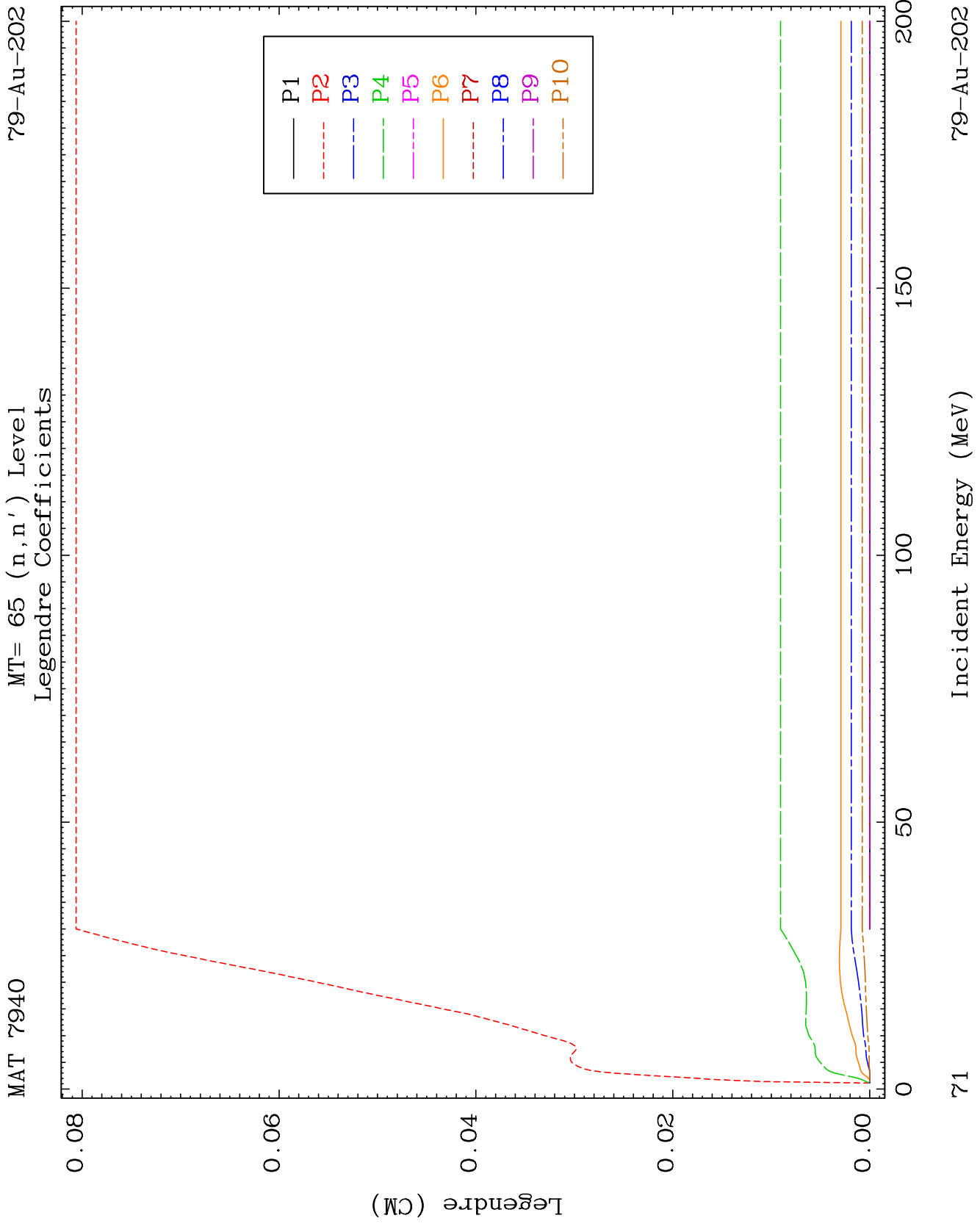
79-Au-202



79-Au-202

Incident Energy (MeV)

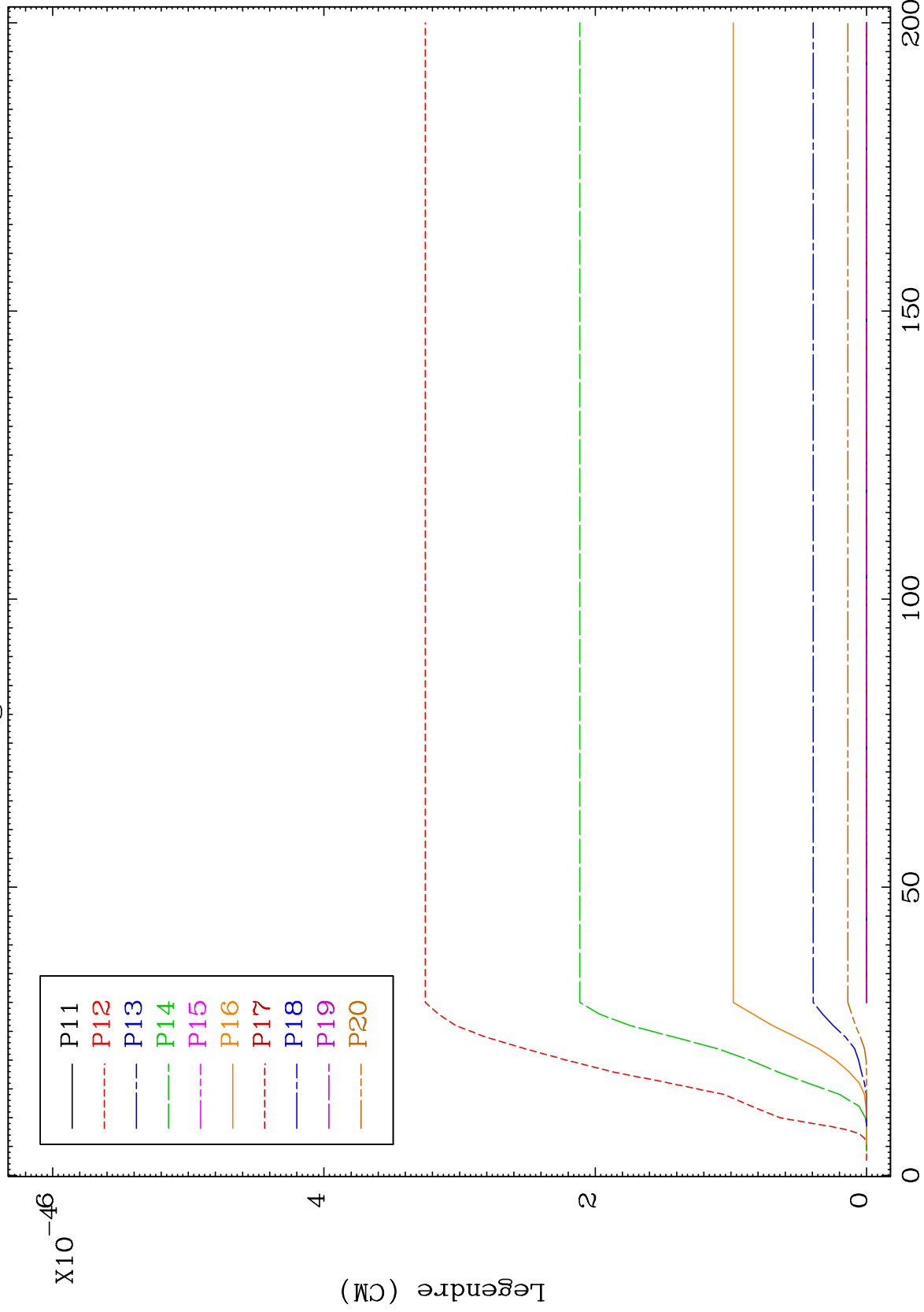
70



MAT 7940

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

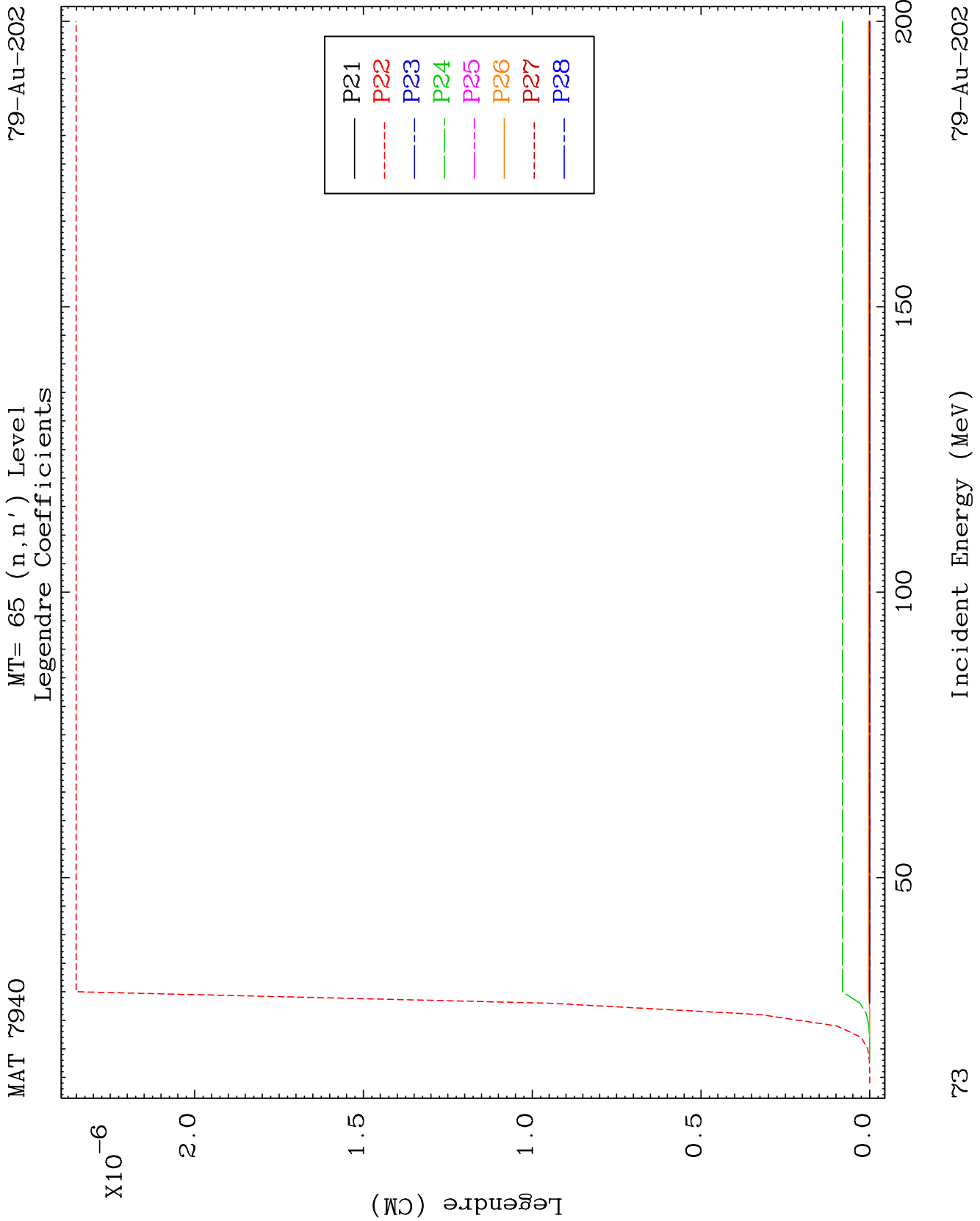
79-Au-202



72

Incident Energy (MeV)

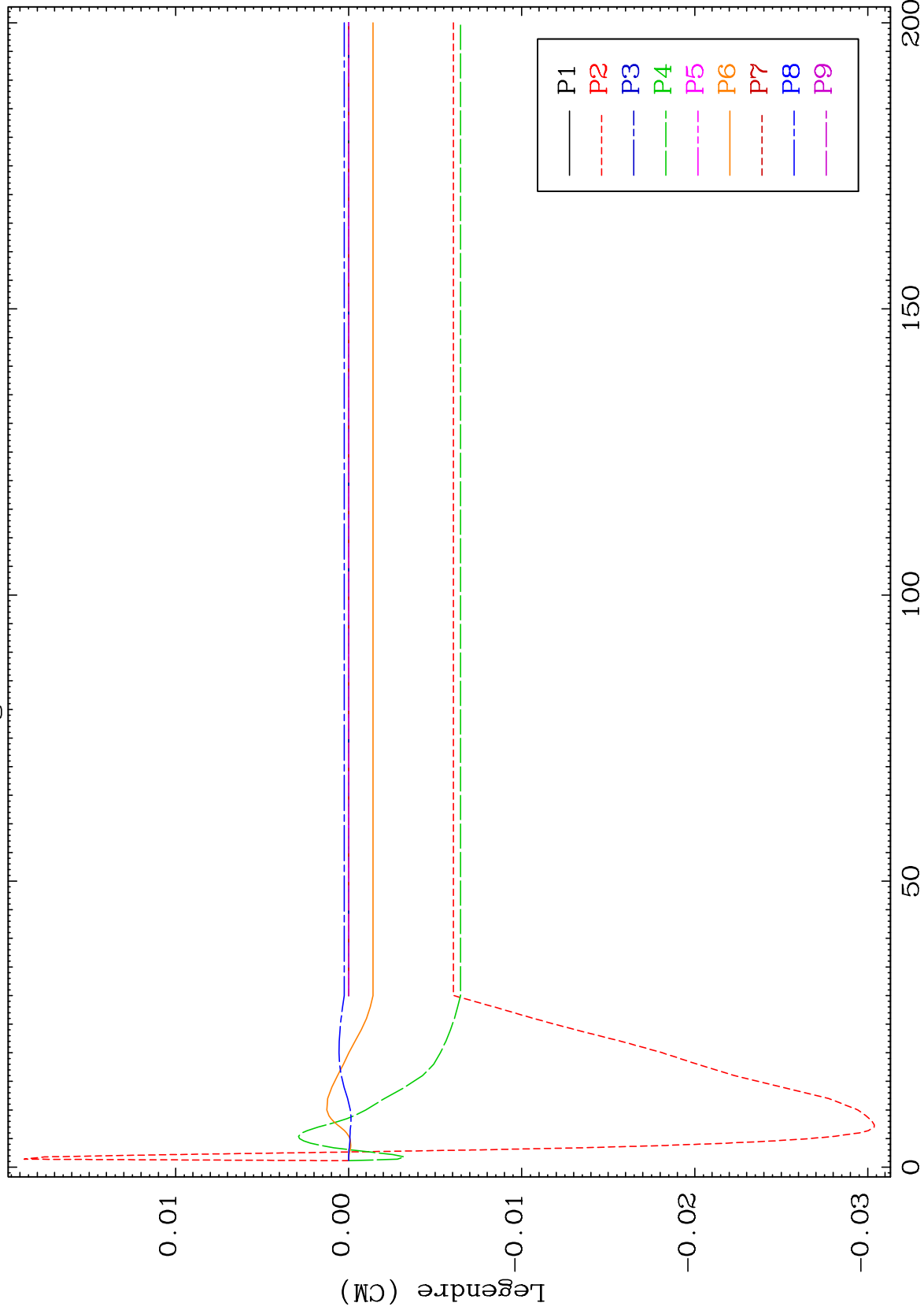
79-Au-202



MAT 7940

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

79-Au-202



74

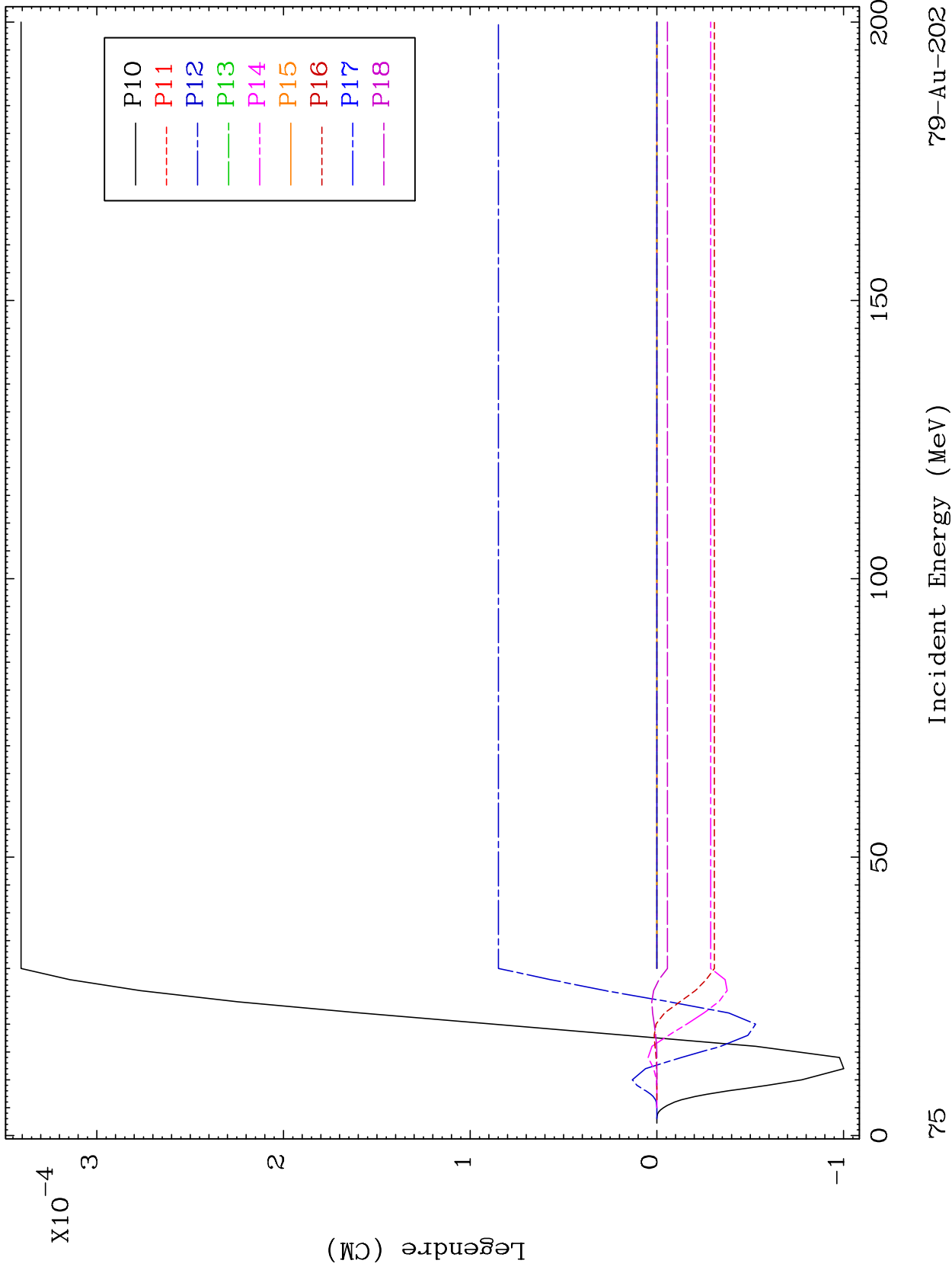
Incident Energy (MeV)

79-Au-202

MAT 7940

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

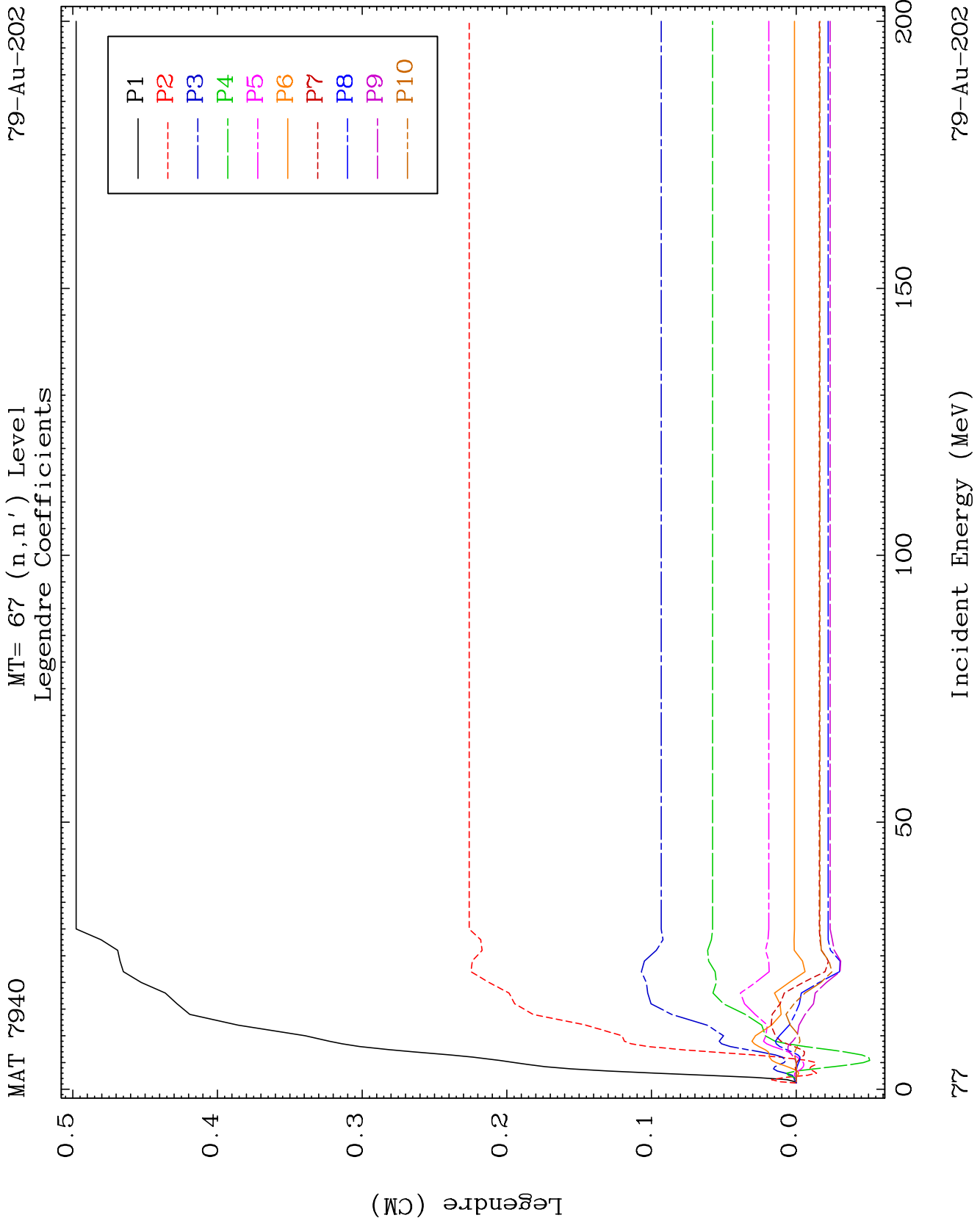
79-Au-202



79-Au-202

Incident Energy (MeV)

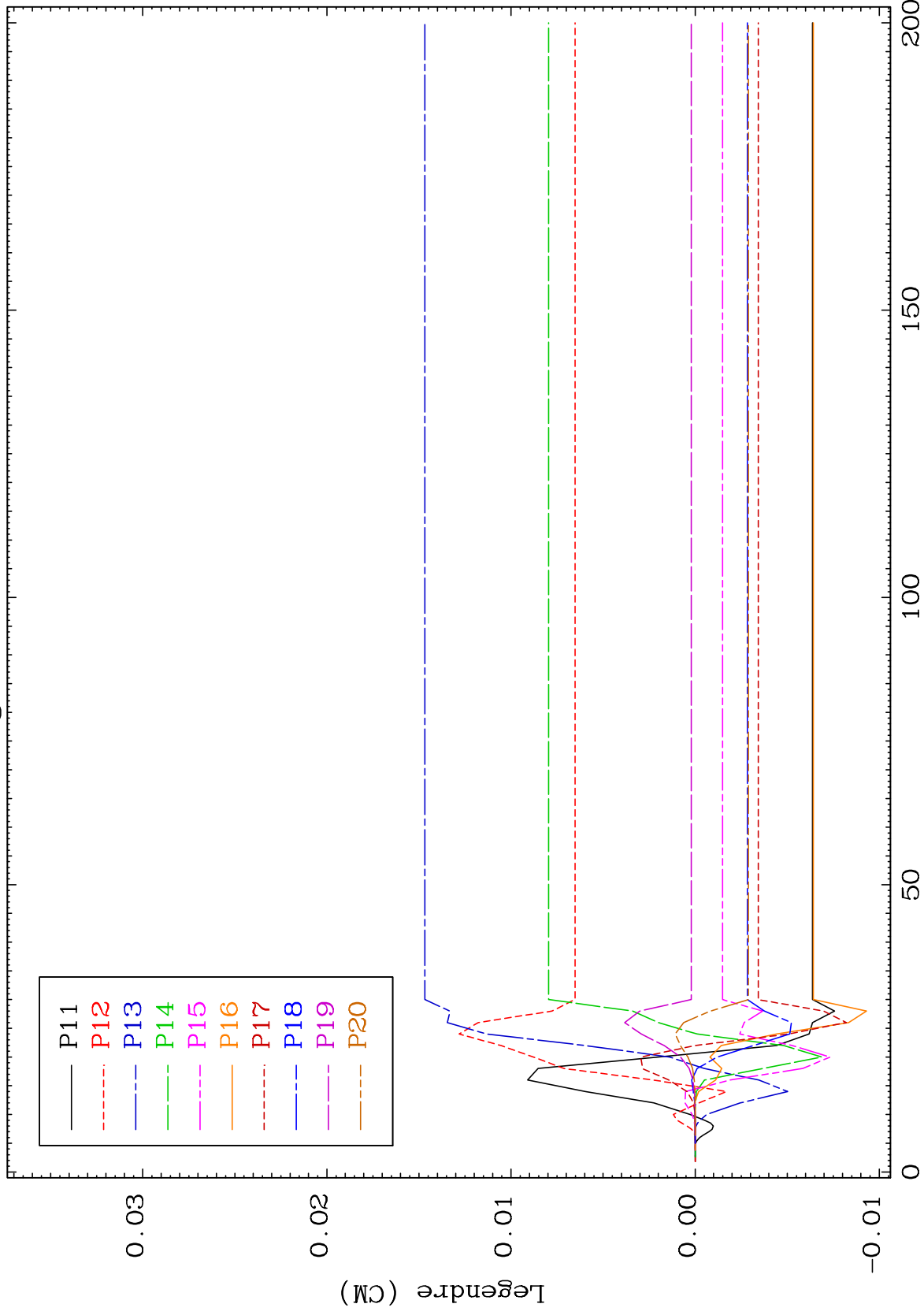
75



MAT 7940

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

79-Au-202



78

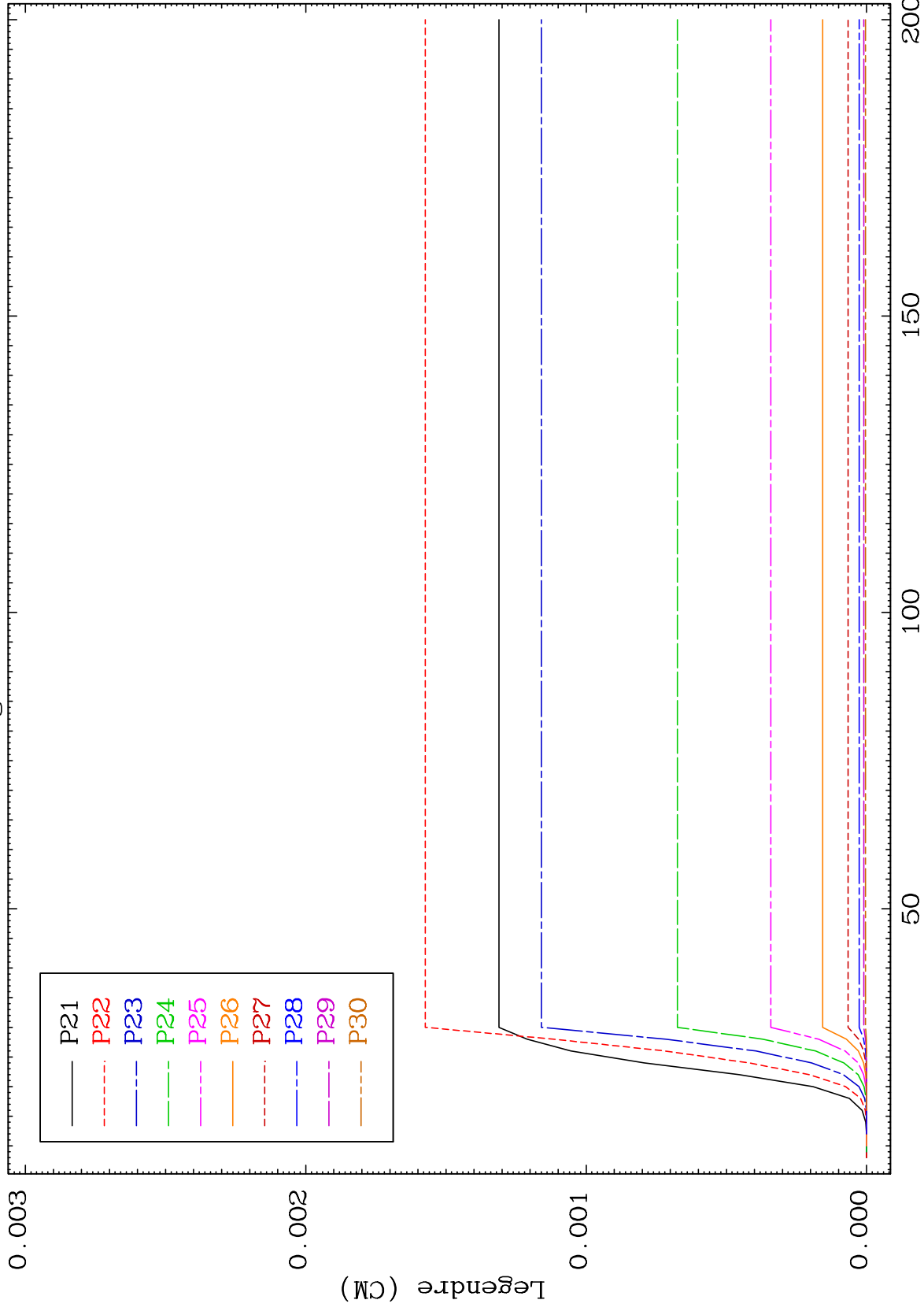
Incident Energy (MeV)

79-Au-202

MAT 7940

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

79-Au-202



79

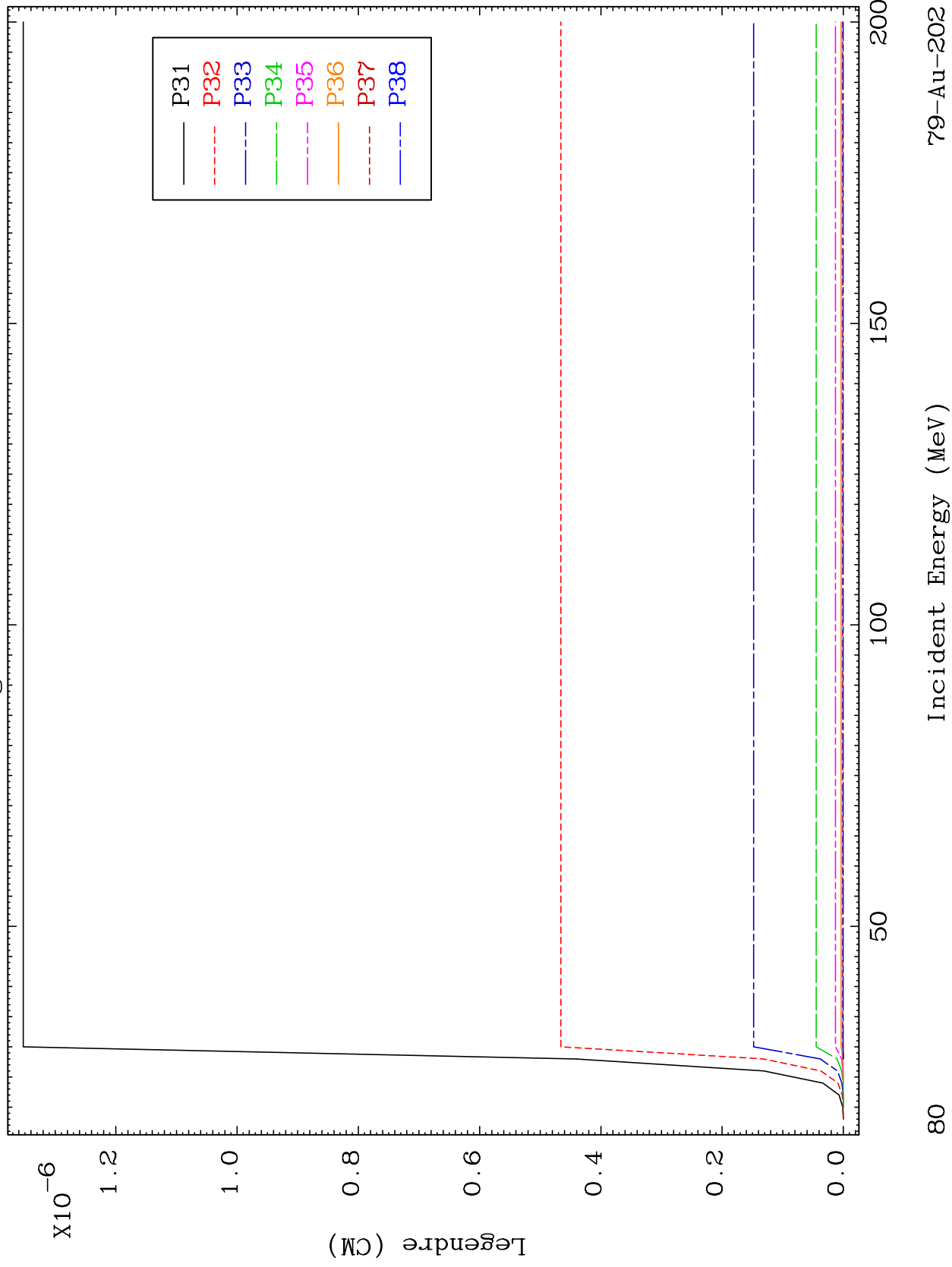
Incident Energy (MeV)

79-Au-202

MAT 7940

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

79-Au-202



79-Au-202

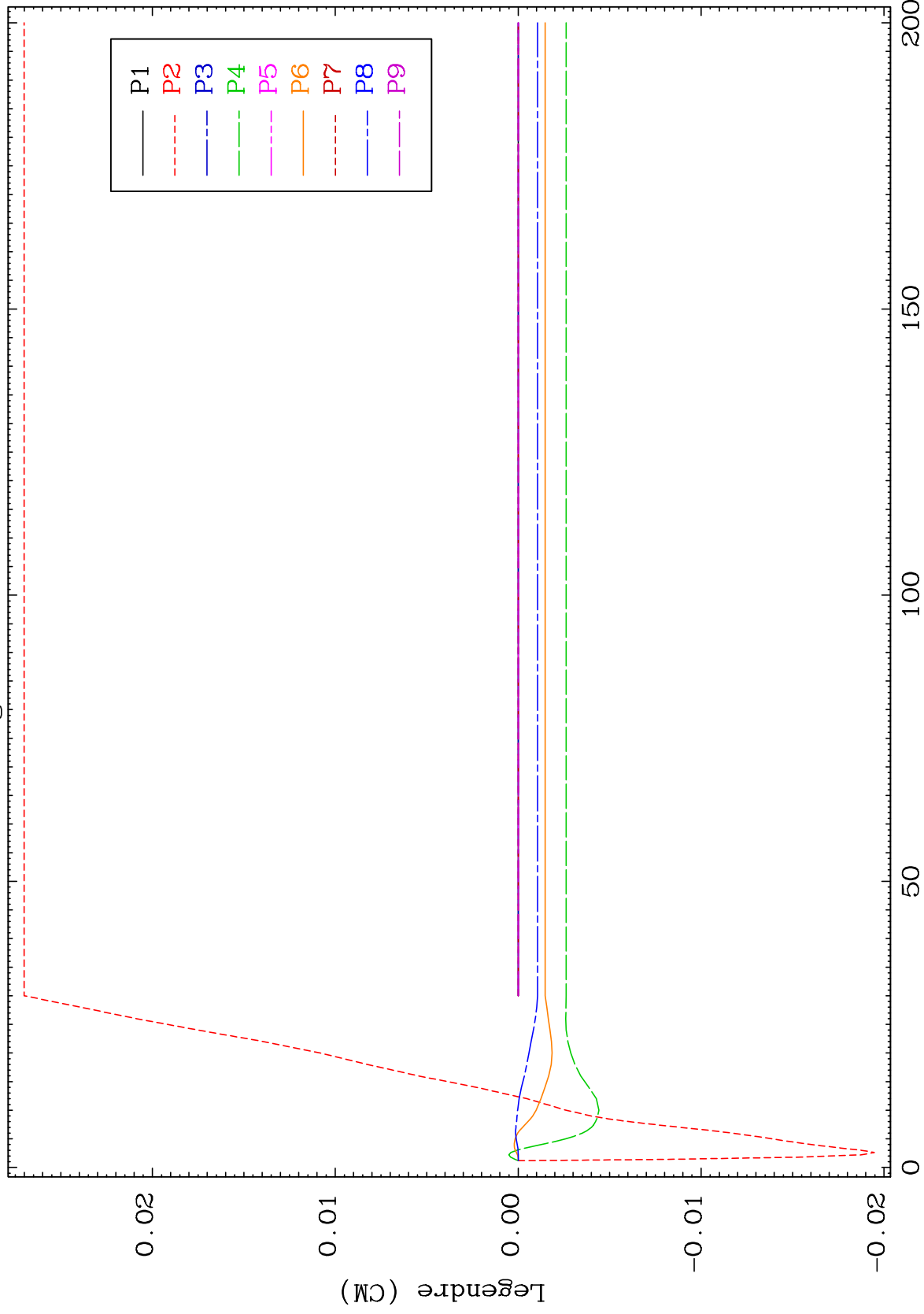
Incident Energy (MeV)

80

MAT 7940

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

79-Au-202



81

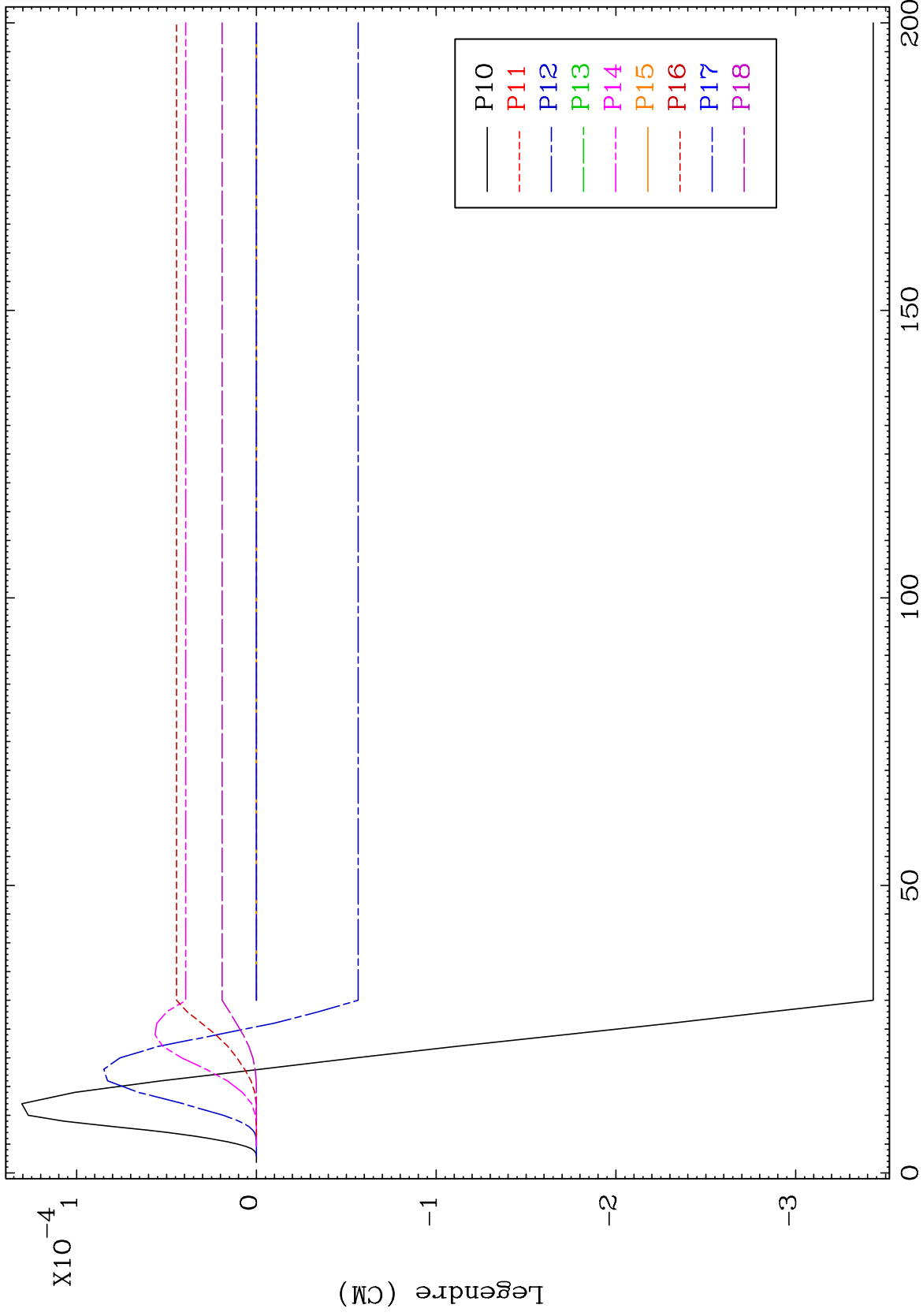
Incident Energy (MeV)

79-Au-202

MAT 7940

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

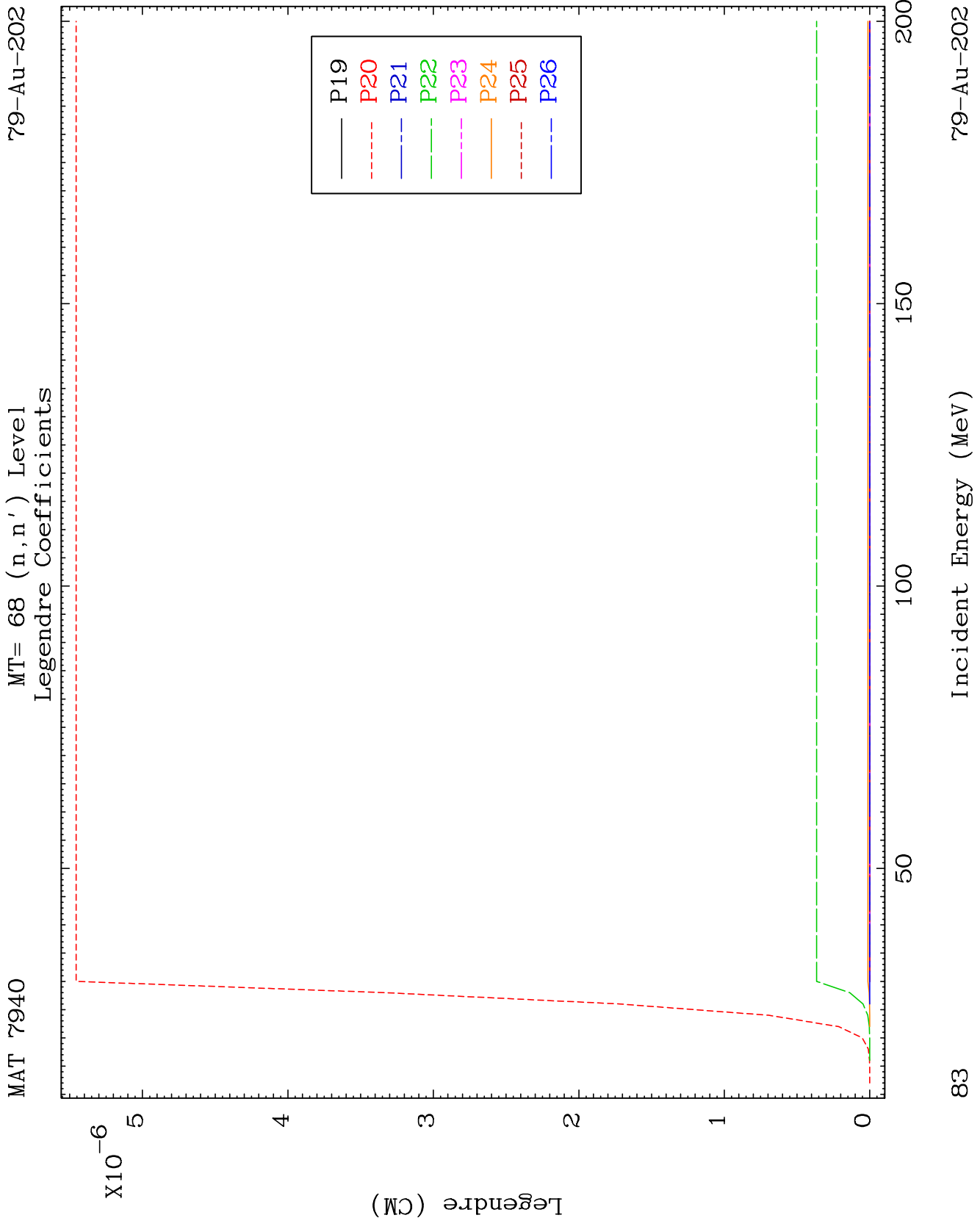
79-Au-202



82

Incident Energy (MeV)

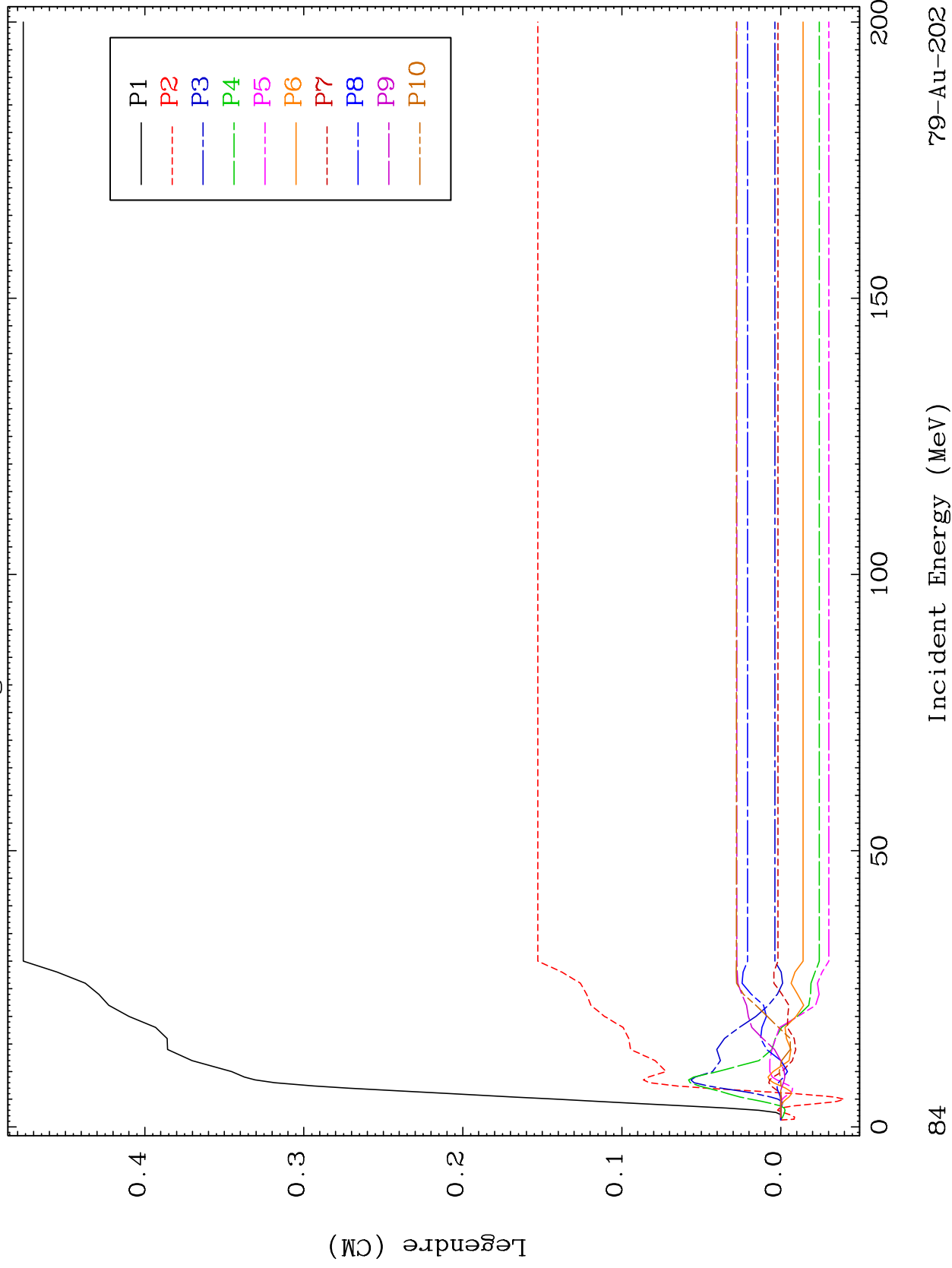
79-Au-202



MAT 7940

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

79-Au-202



79-Au-202

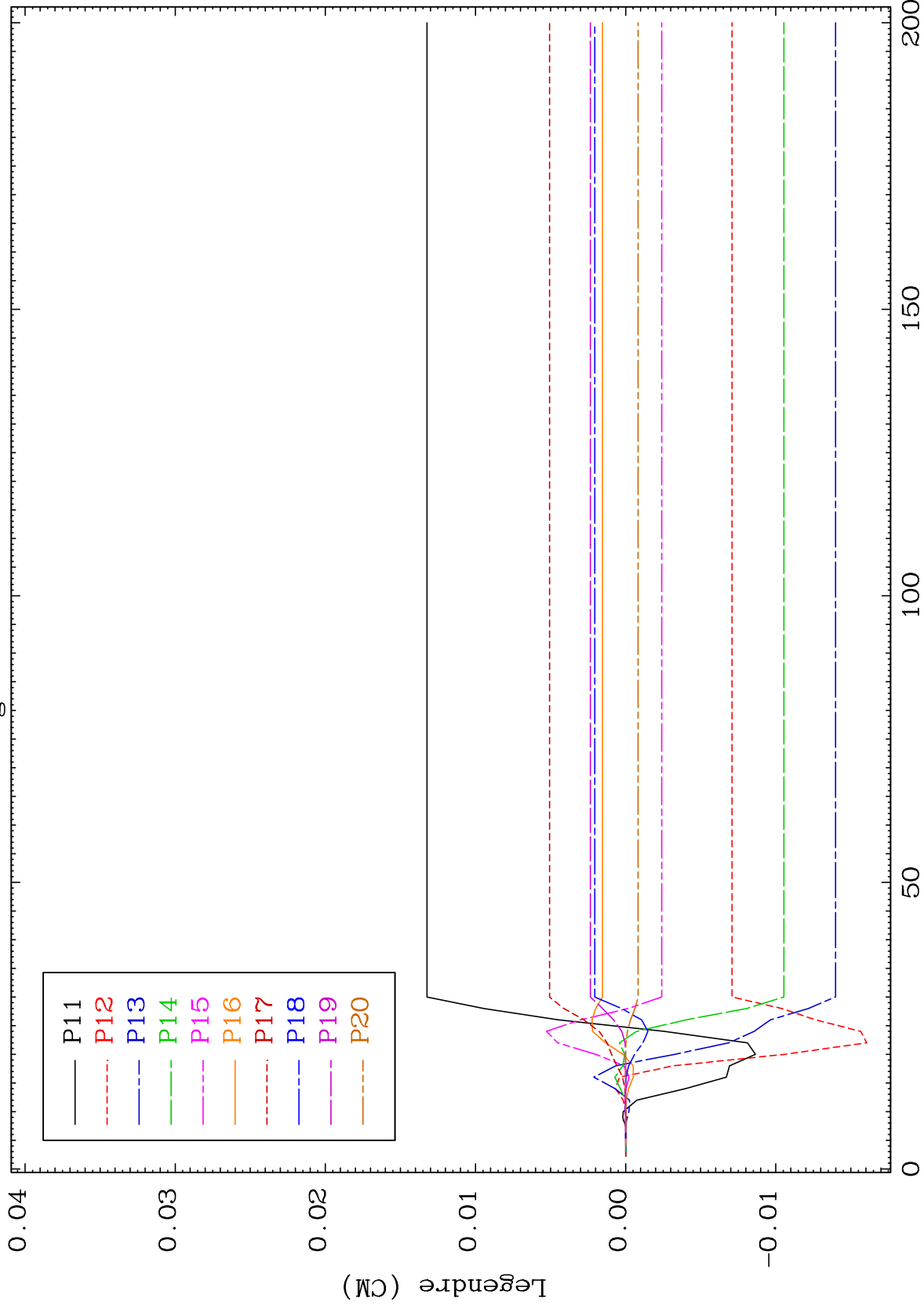
Incident Energy (MeV)

84

MAT 7940

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

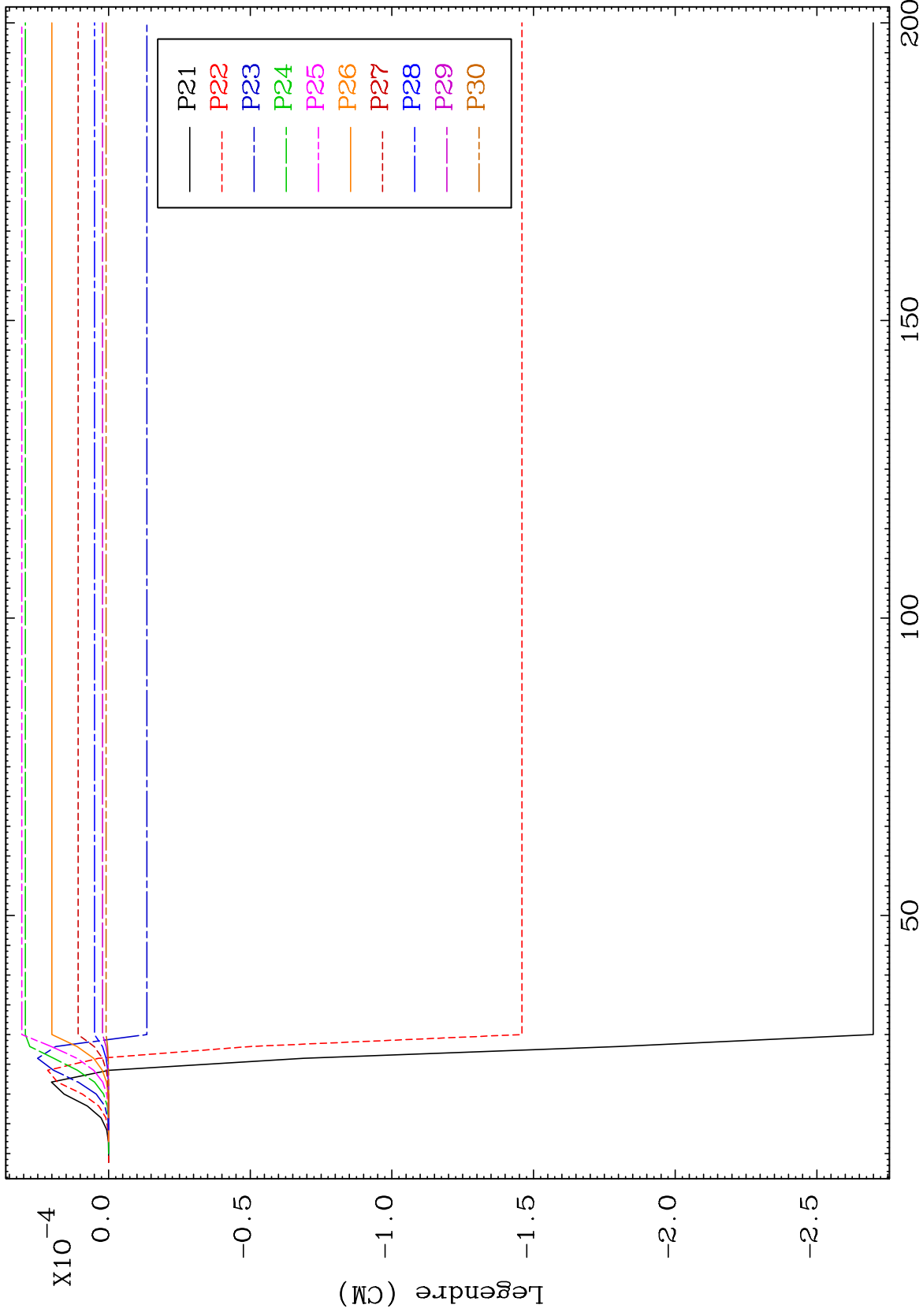
79-Au-202



85

Incident Energy (MeV)

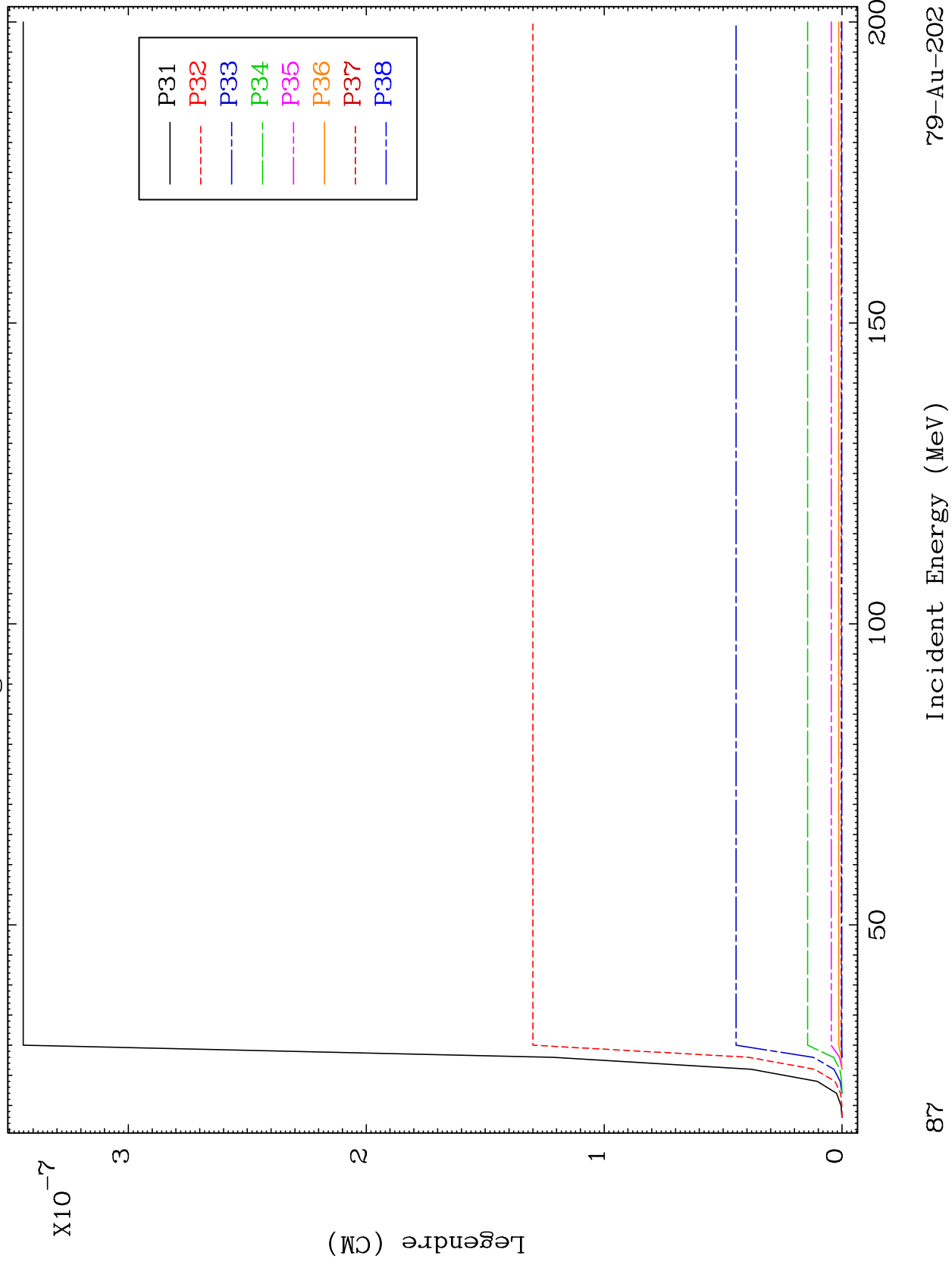
79-Au-202



MAT 7940

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

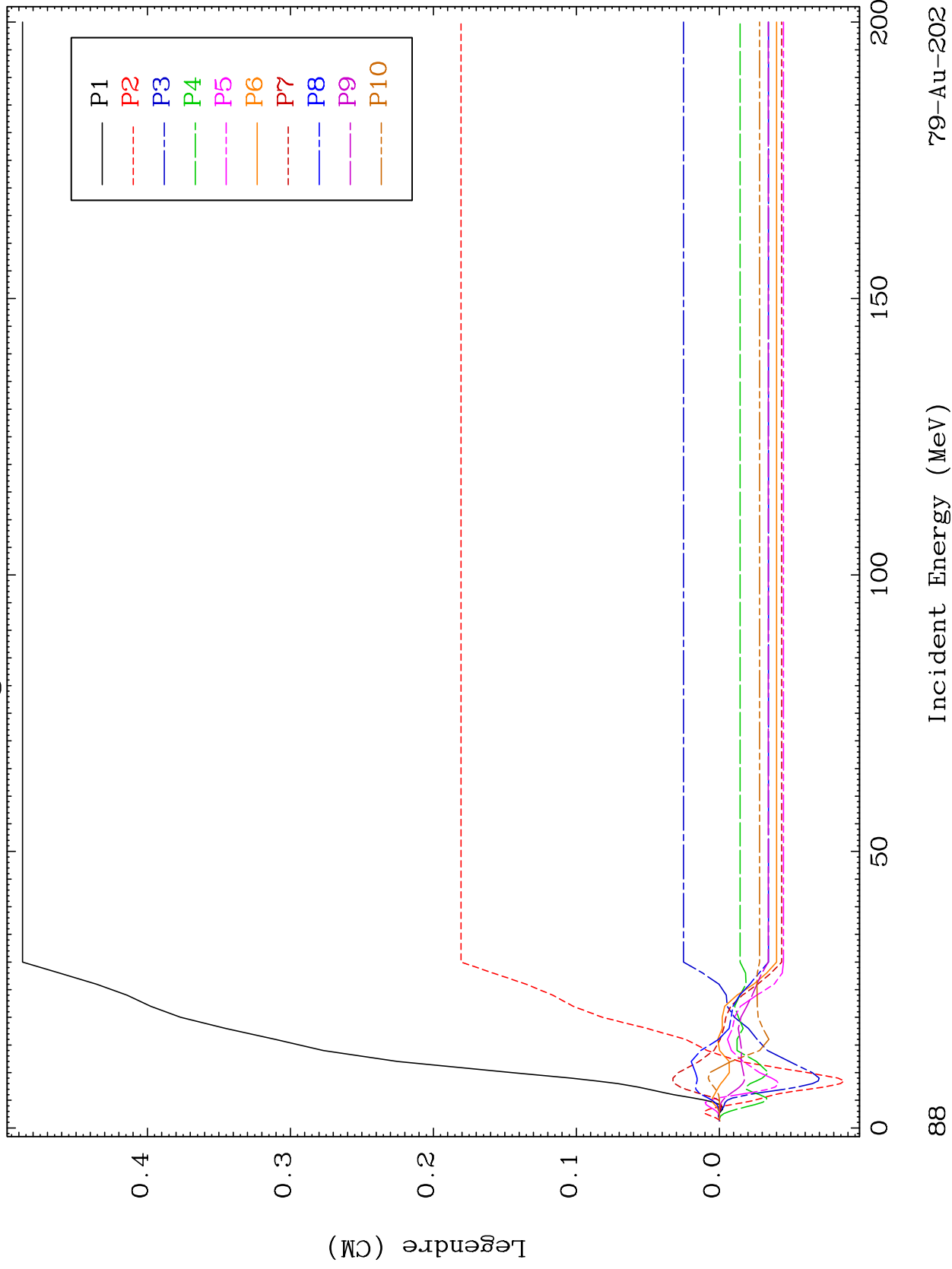
79-Au-202



MAT 7940

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

79-Au-202



79-Au-202

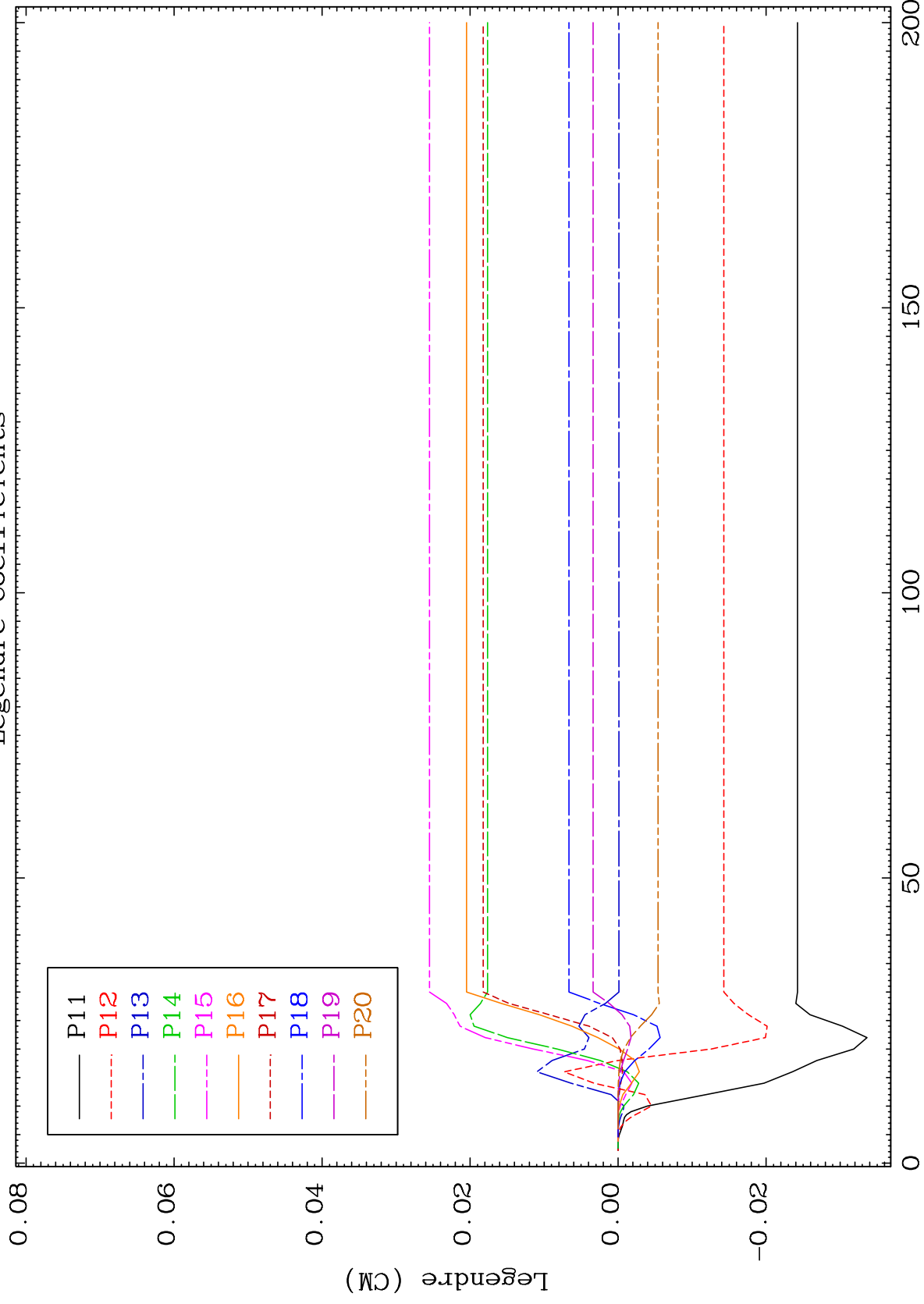
Incident Energy (MeV)

88

MAT 7940

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

79-Au-202



89

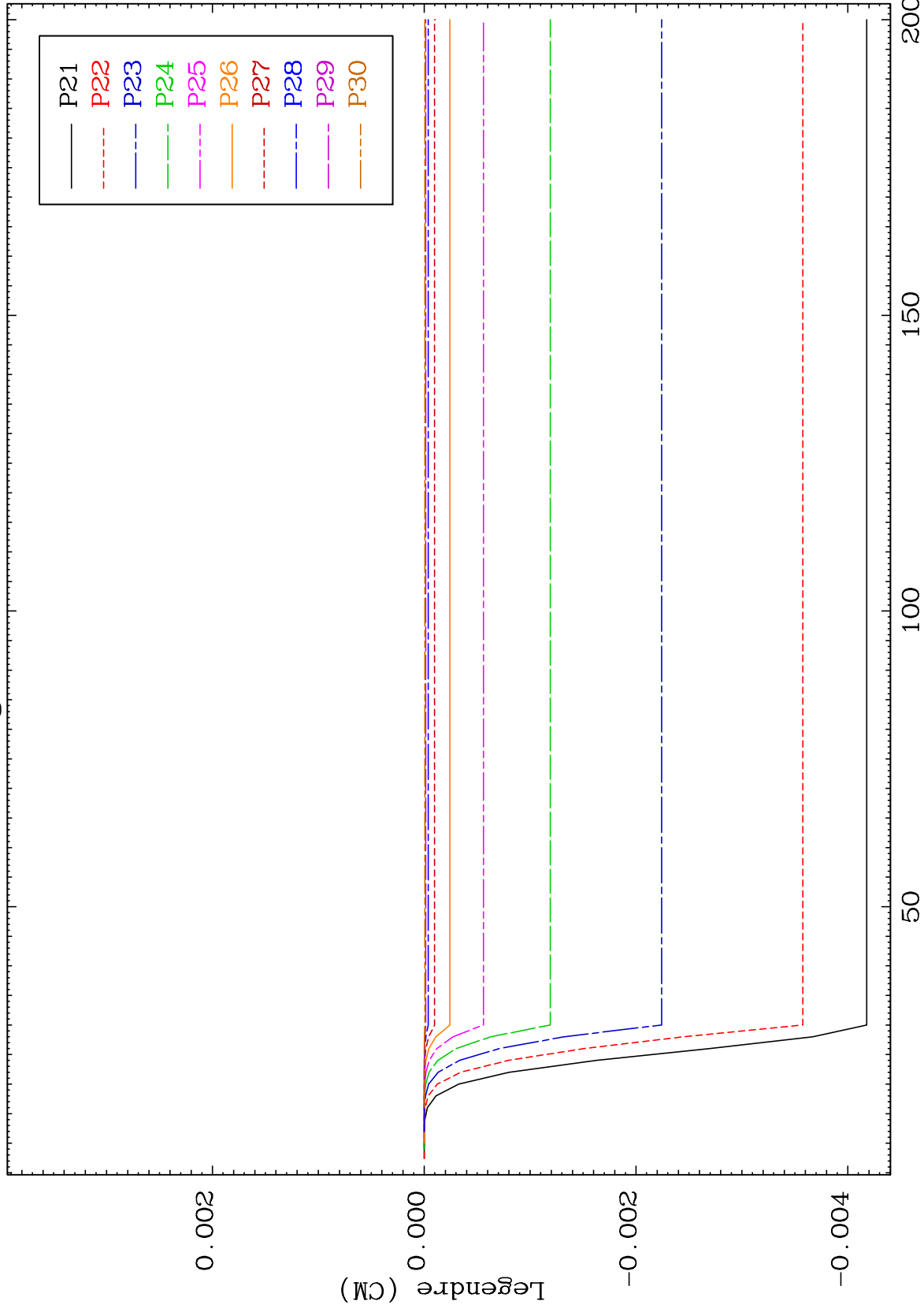
Incident Energy (MeV)

79-Au-202

MAT 7940

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

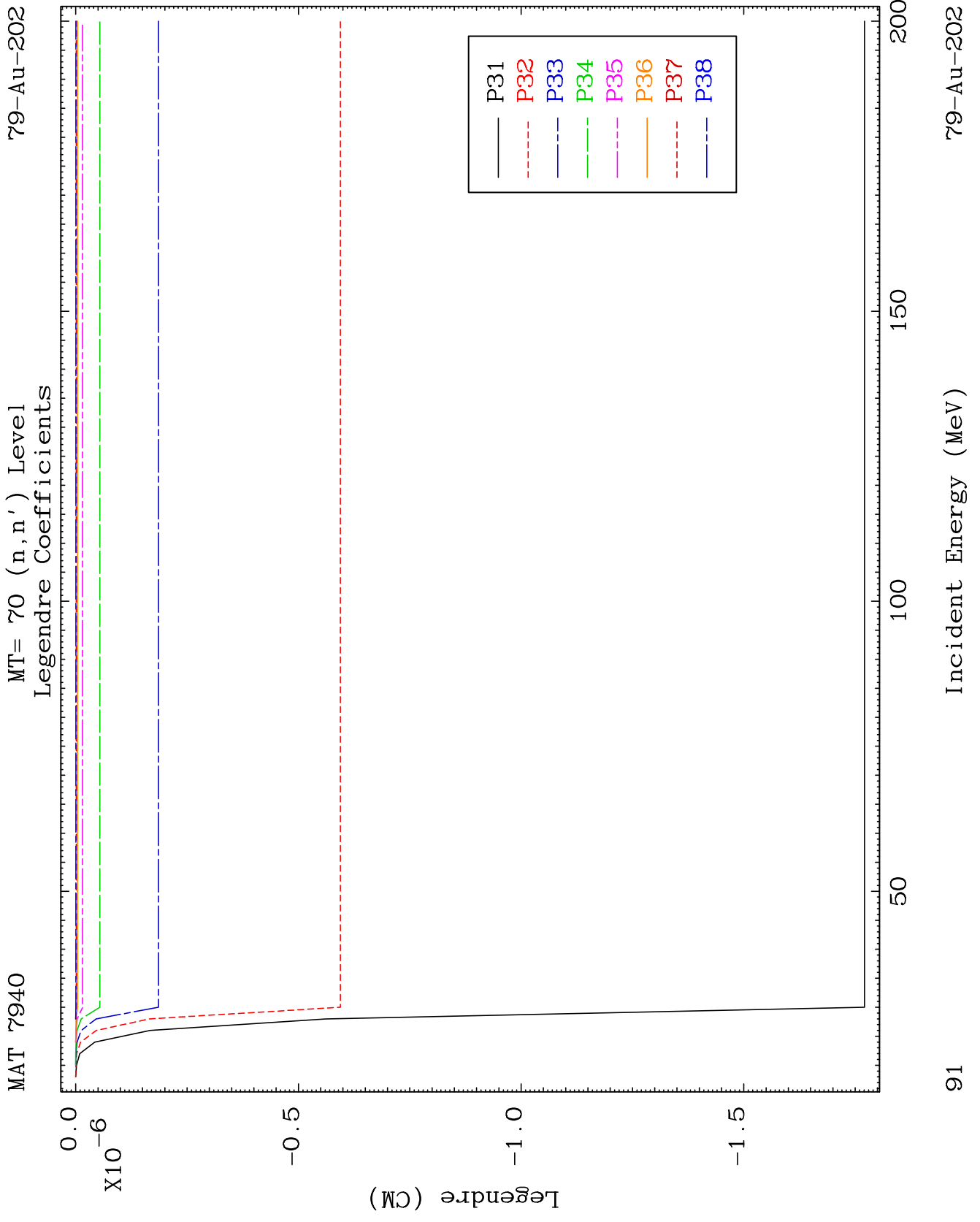
79-Au-202

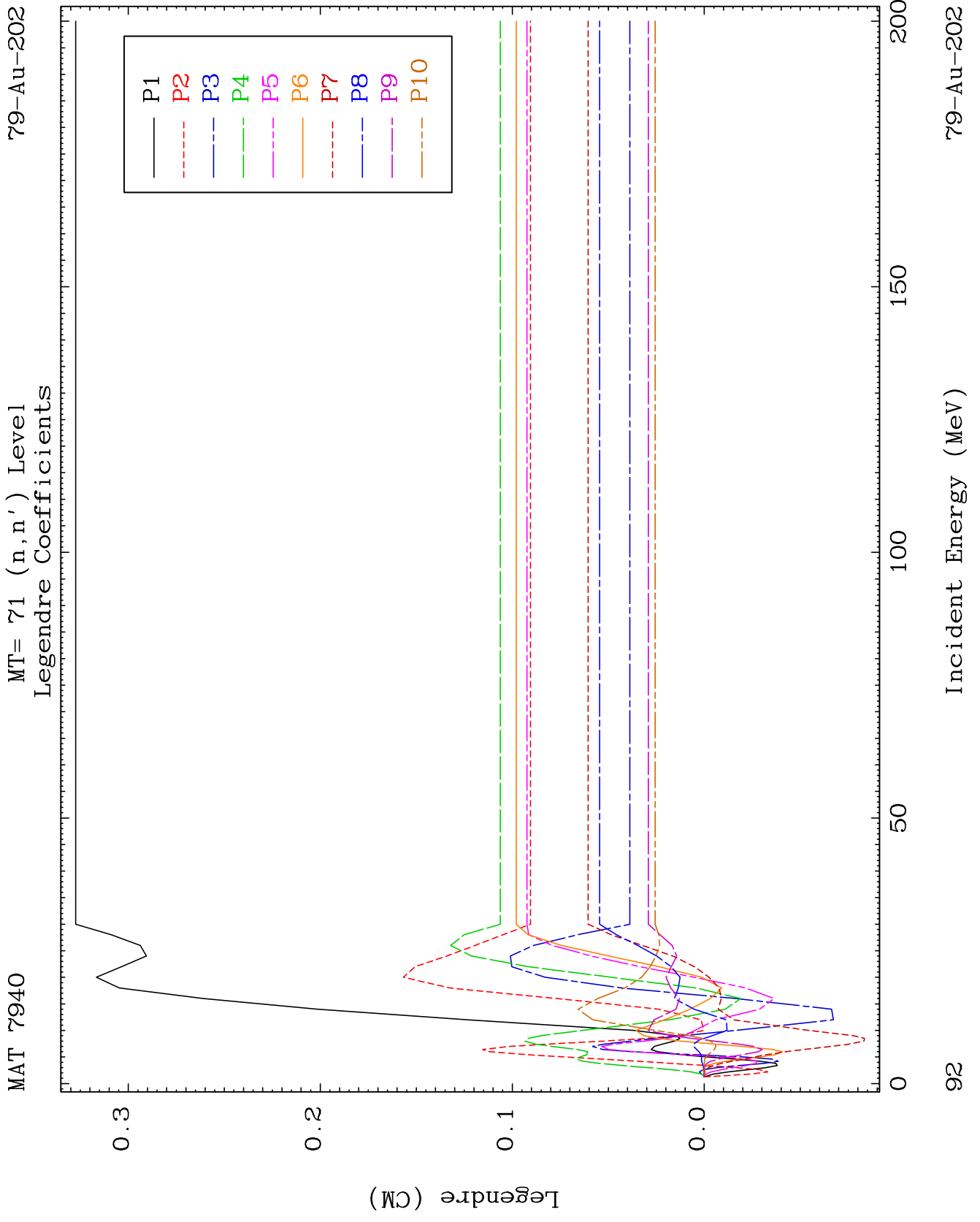


90

Incident Energy (MeV)

79-Au-202

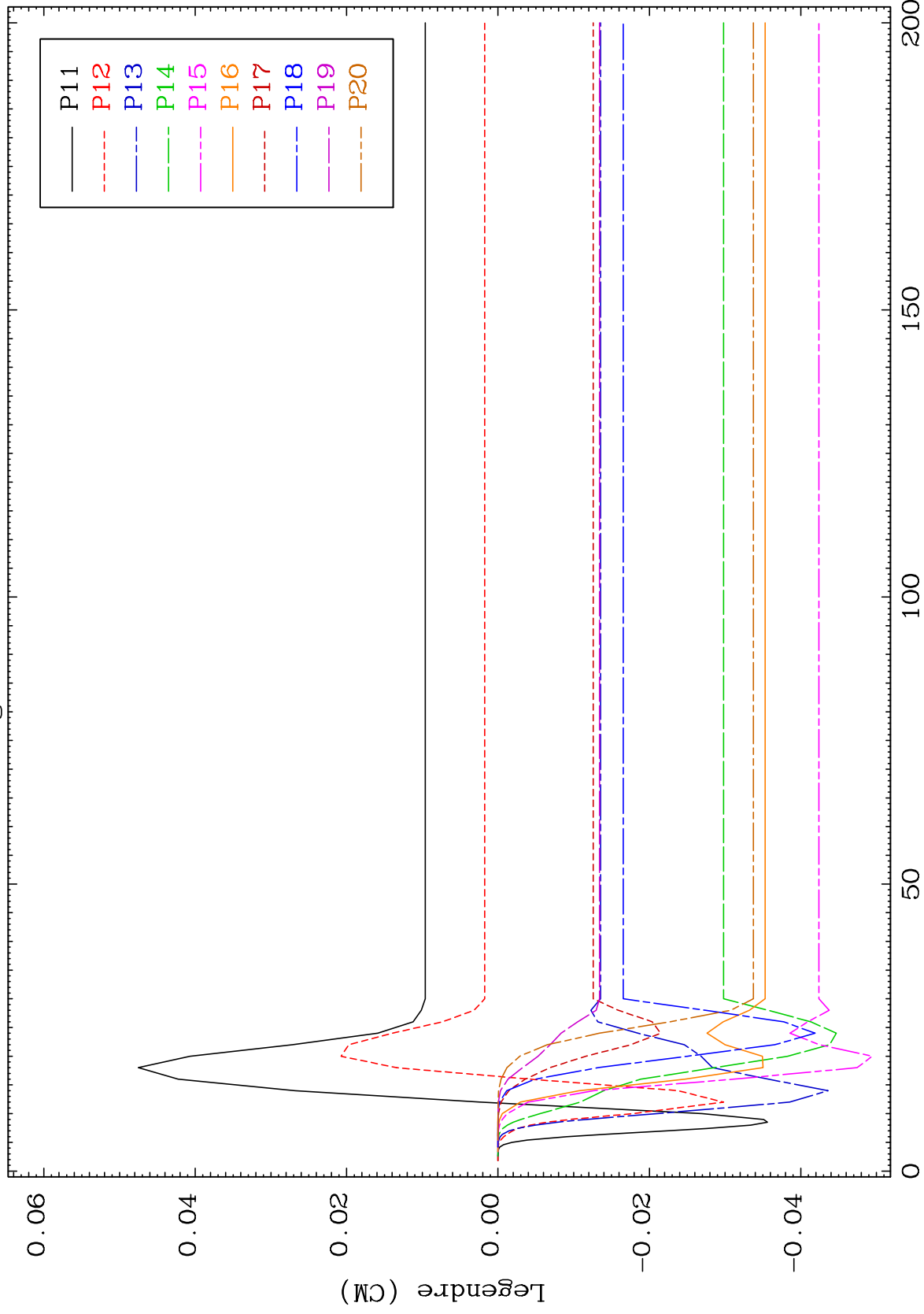




MAT 7940

MT= 71 (n,n') Level
Legendre Coefficients

79-Au-202



93

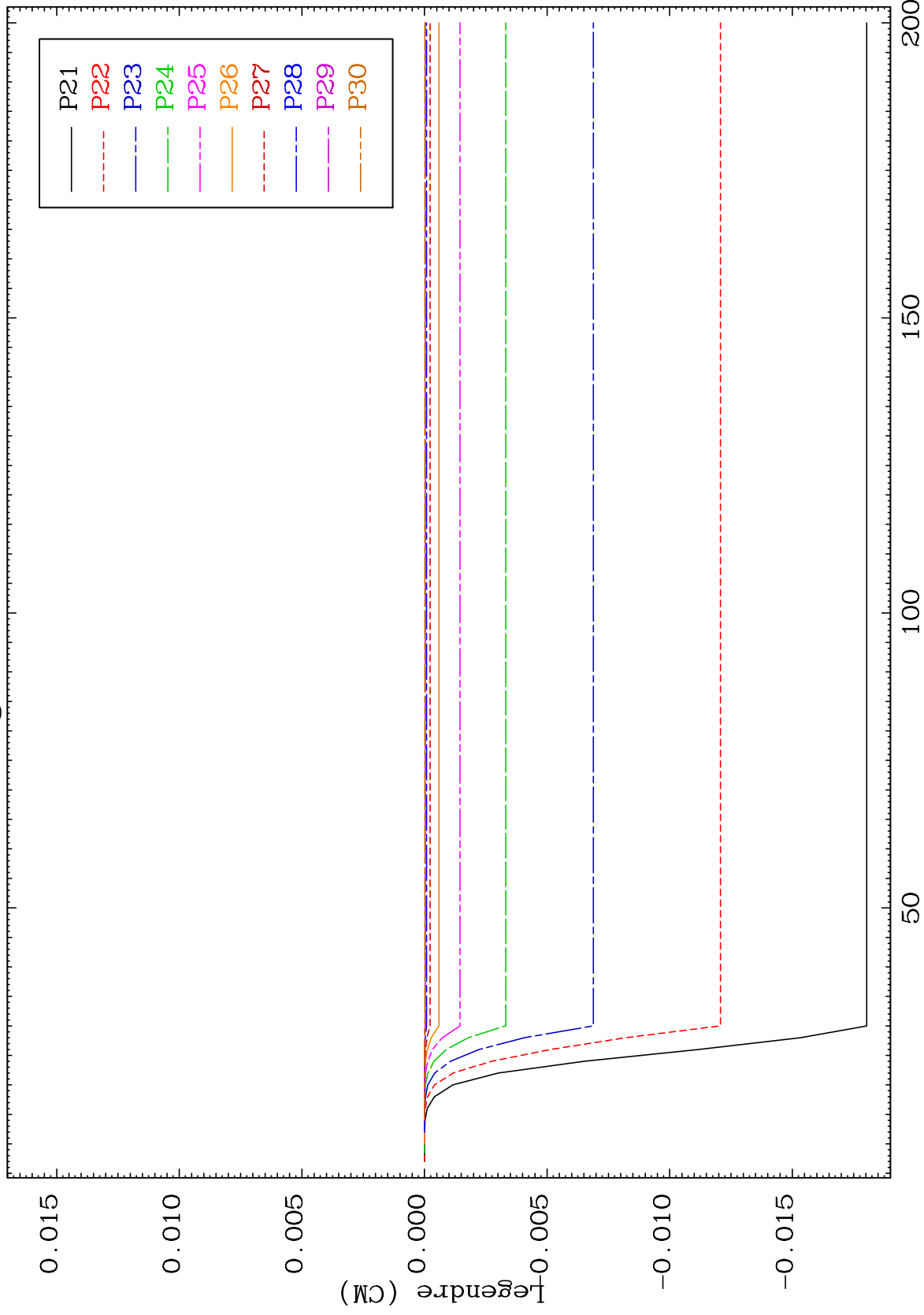
Incident Energy (MeV)

79-Au-202

MAT 7940

MT= 71 (n,n') Level
Legendre Coefficients

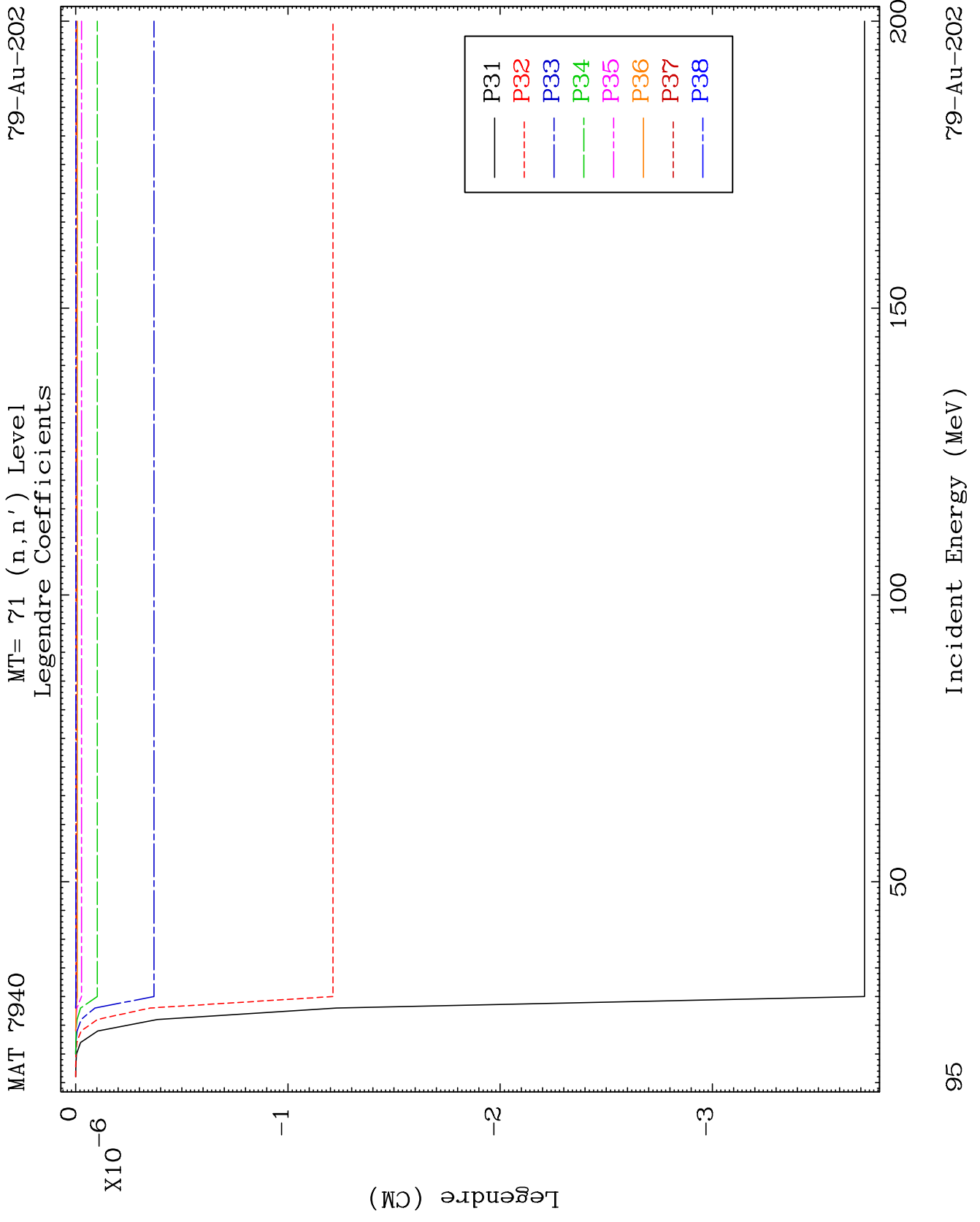
79-Au-202



94

Incident Energy (MeV)

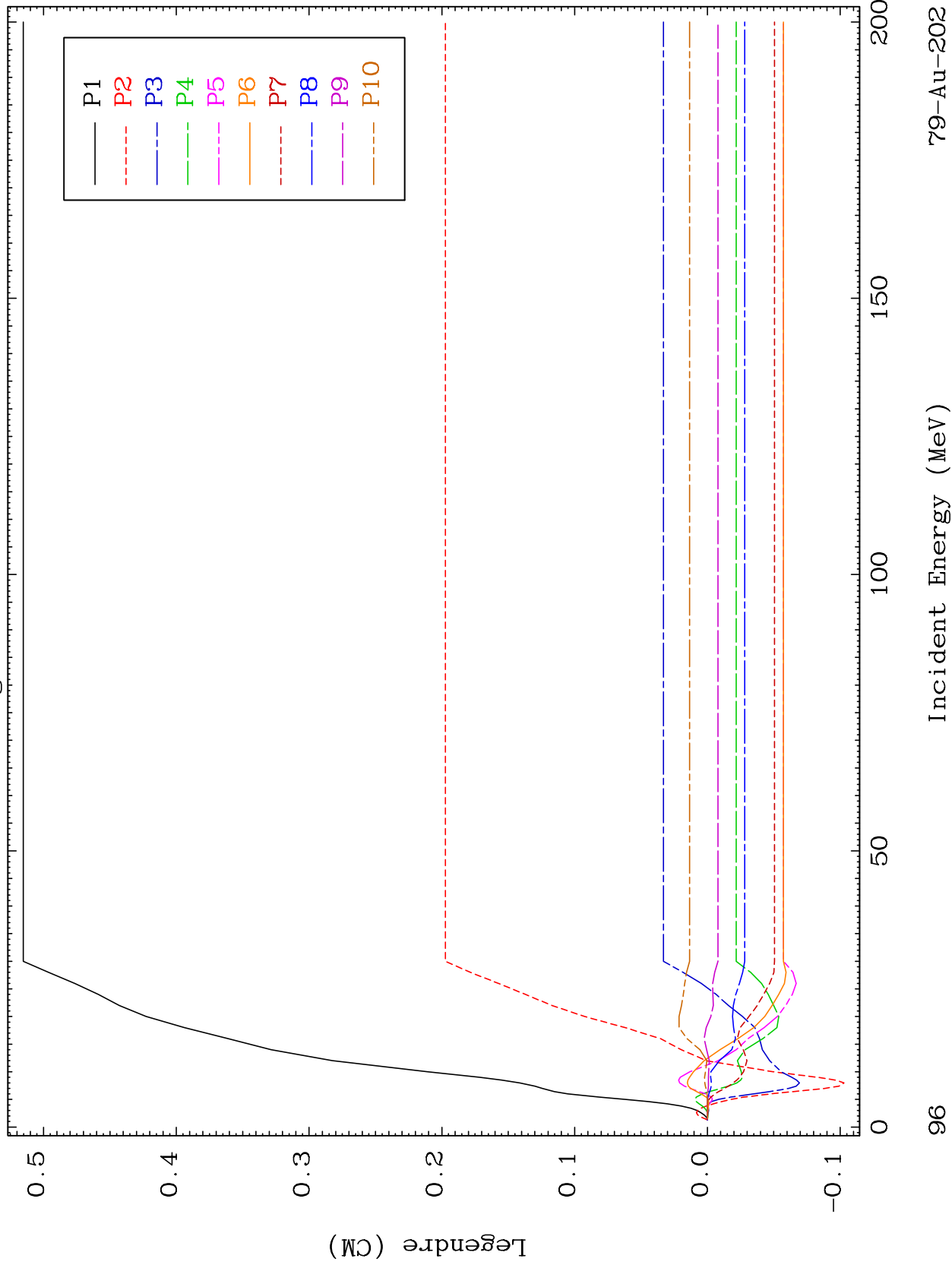
79-Au-202



MAT 7940

MT= 72 (n,n') Level
Legendre Coefficients

79-Au-202



79-Au-202

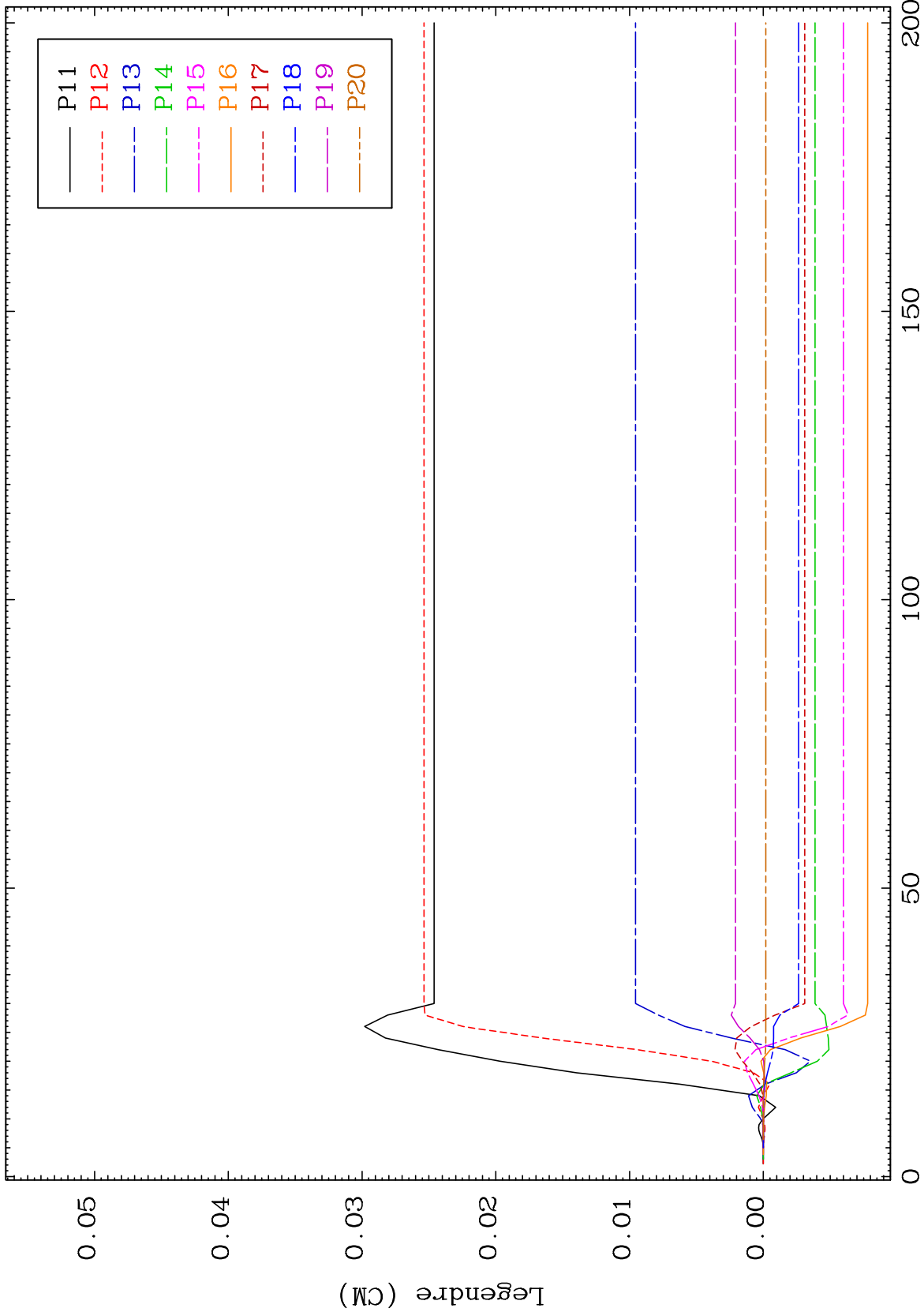
Incident Energy (MeV)

96

MAT 7940

MT= 72 (n,n') Level Legendre Coefficients

79-Au-202



97

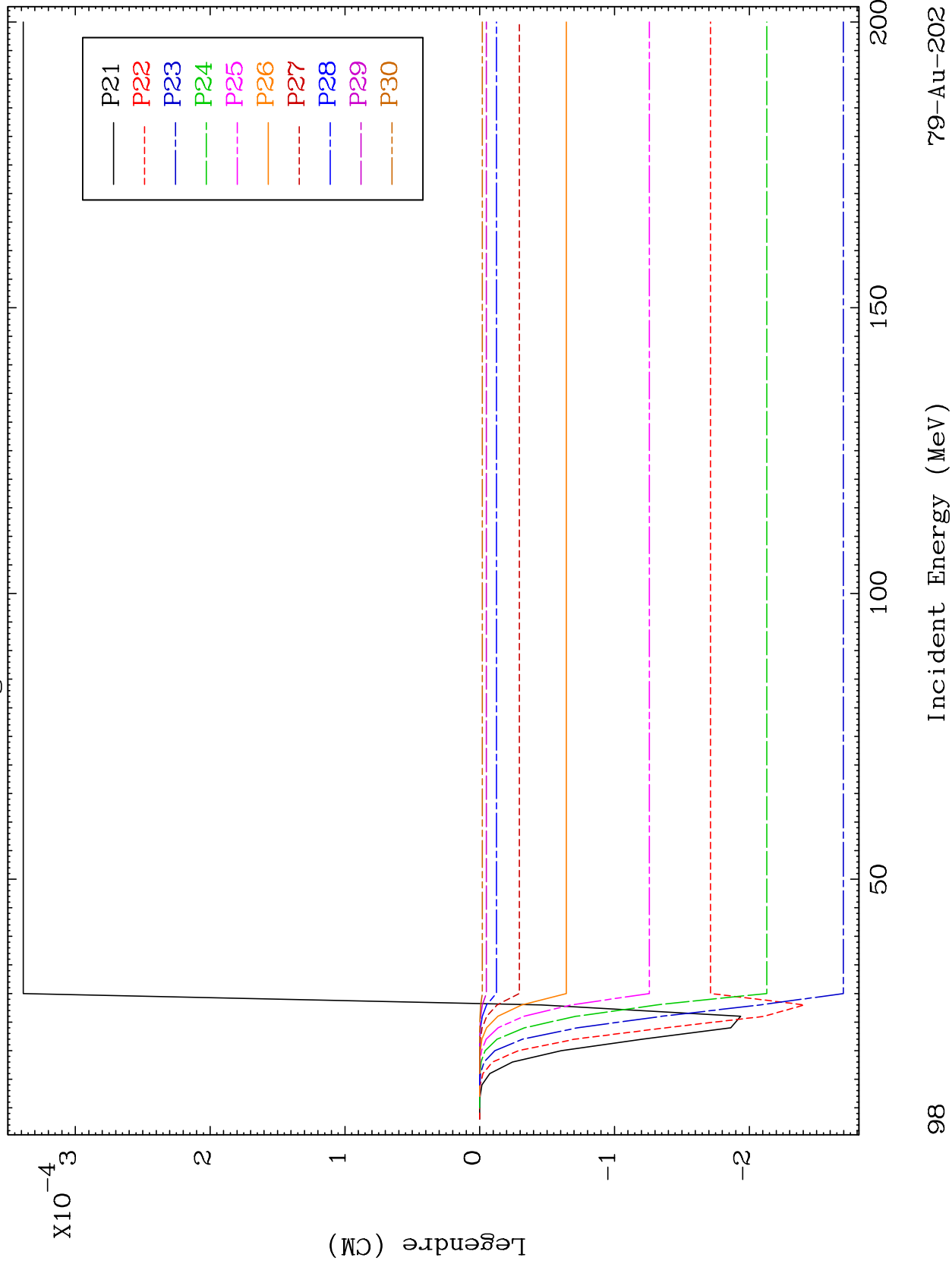
Incident Energy (MeV)

79-Au-202

MAT 7940

MT= 72 (n,n') Level
Legendre Coefficients

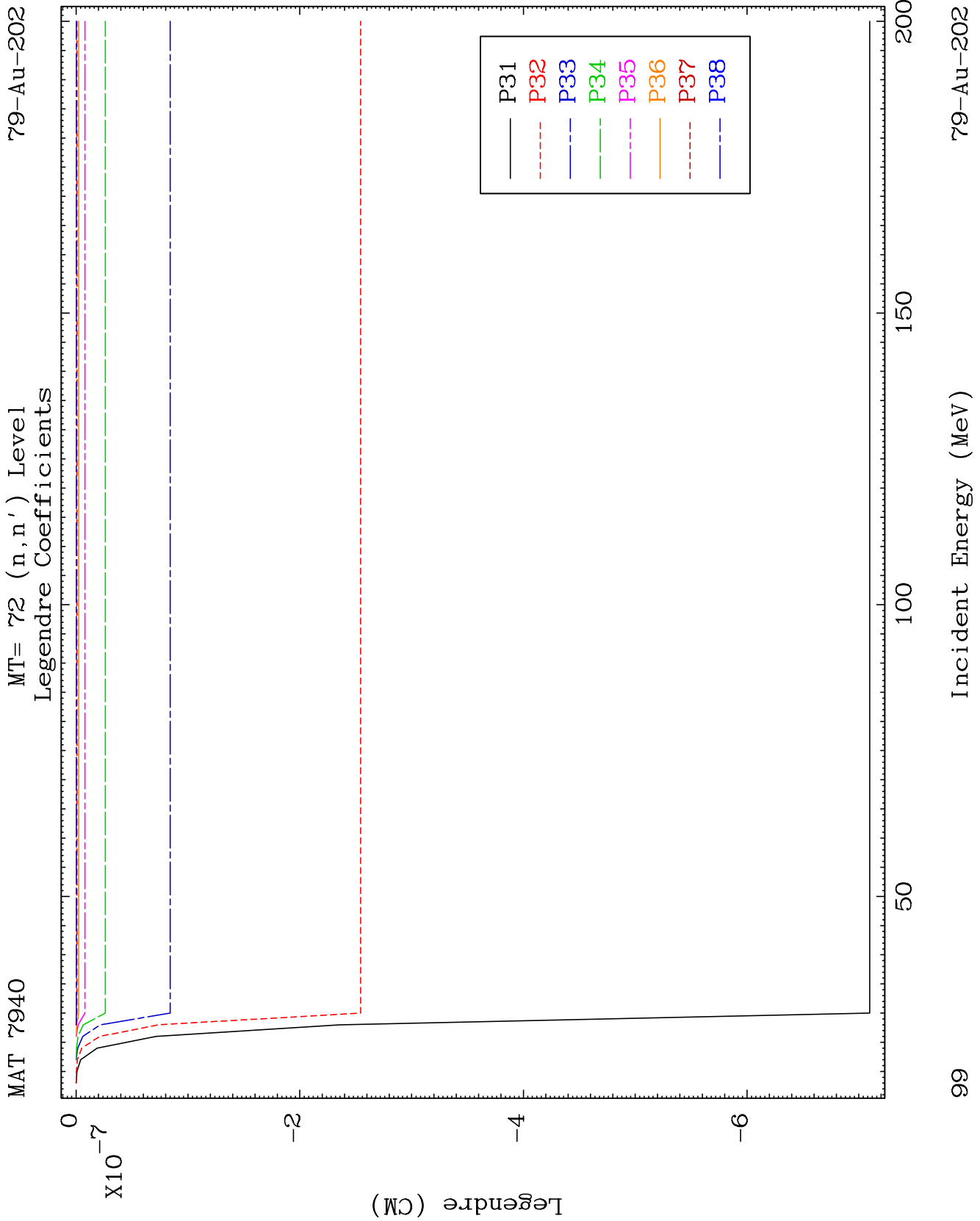
79-Au-202



98

Incident Energy (MeV)

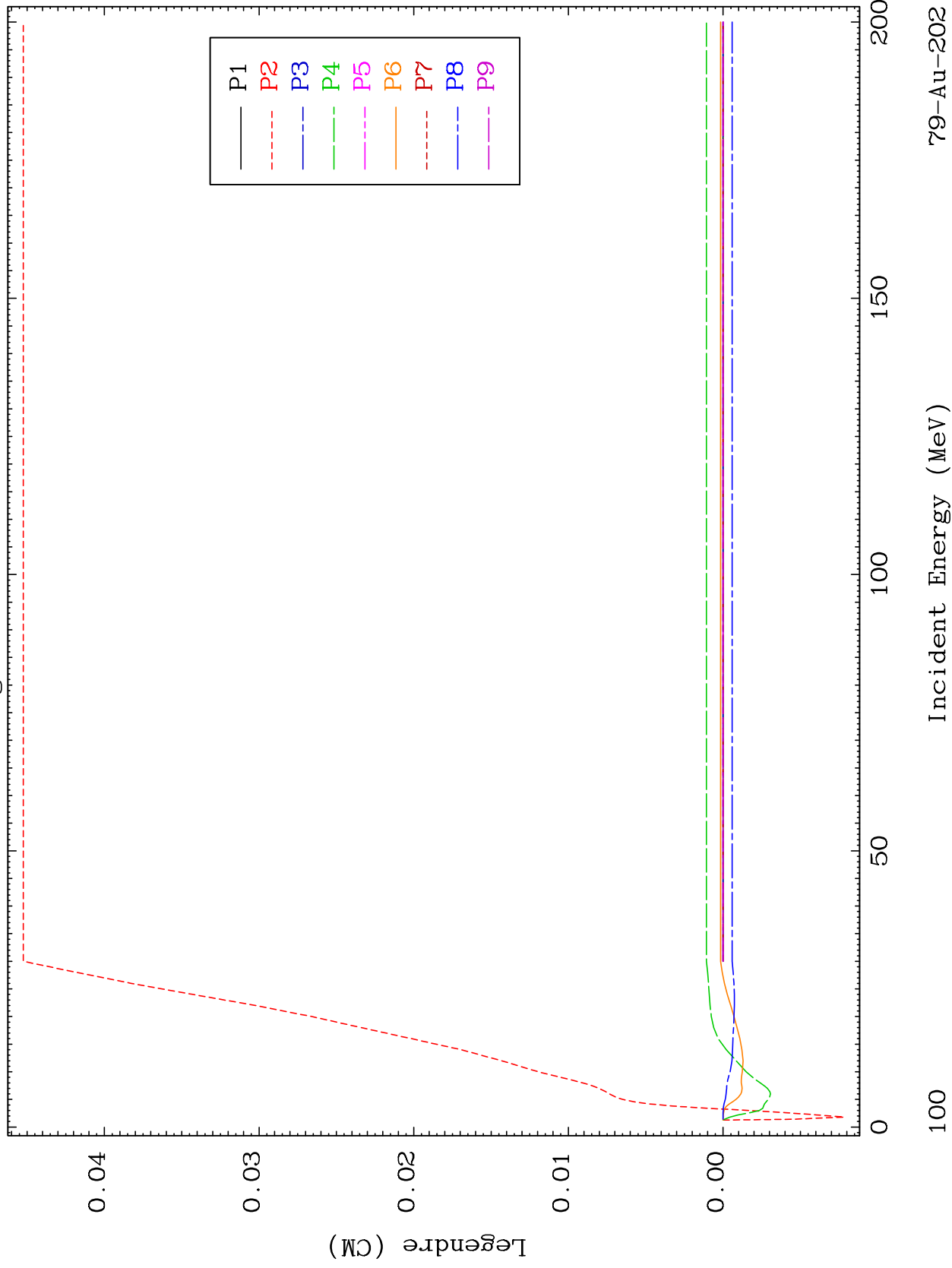
79-Au-202



MAT 7940

MT= 73 (n,n') Level
Legendre Coefficients

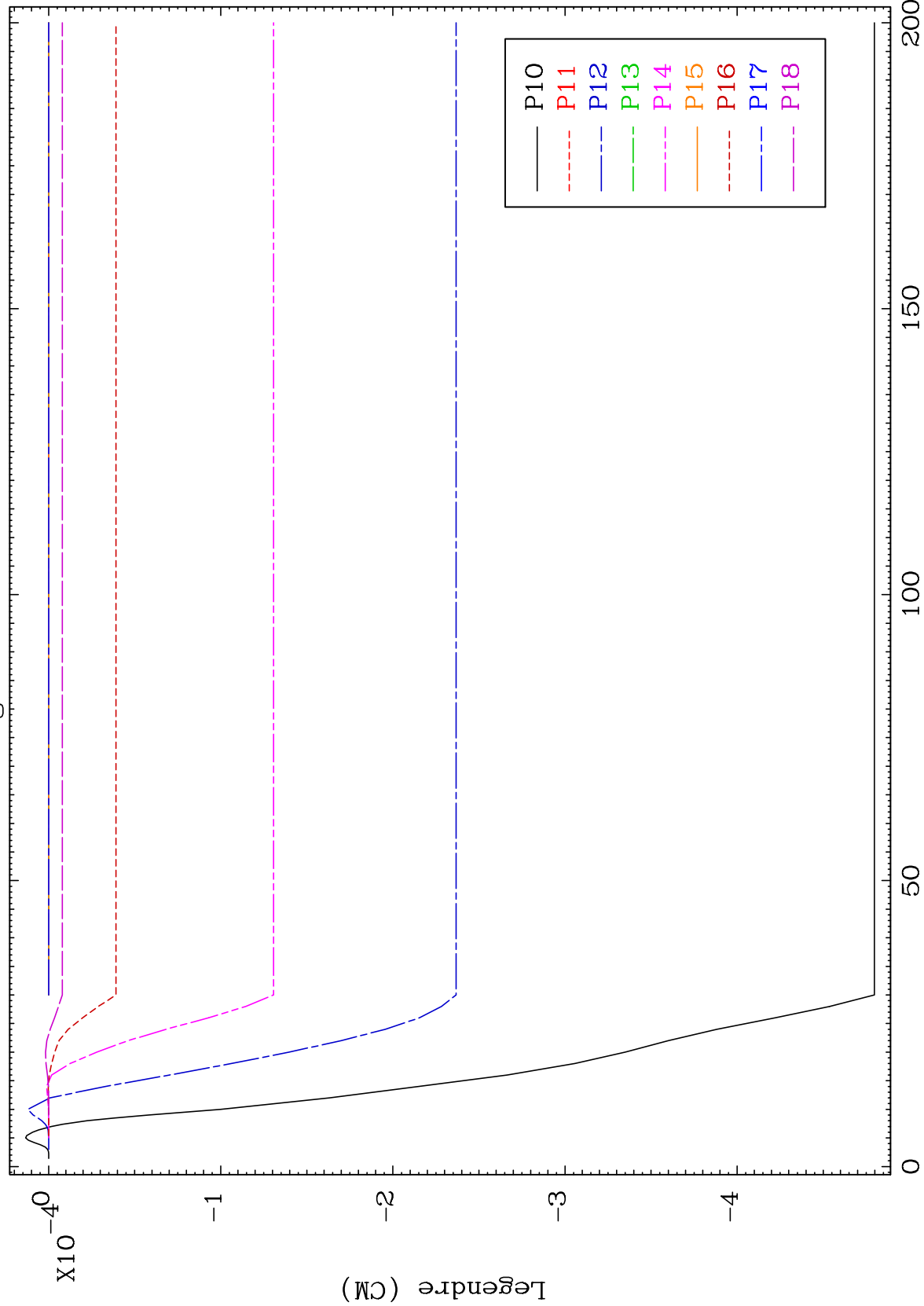
79-Au-202



MAT 7940

MT= 73 (n,n') Level
Legendre Coefficients

79-Au-202



101

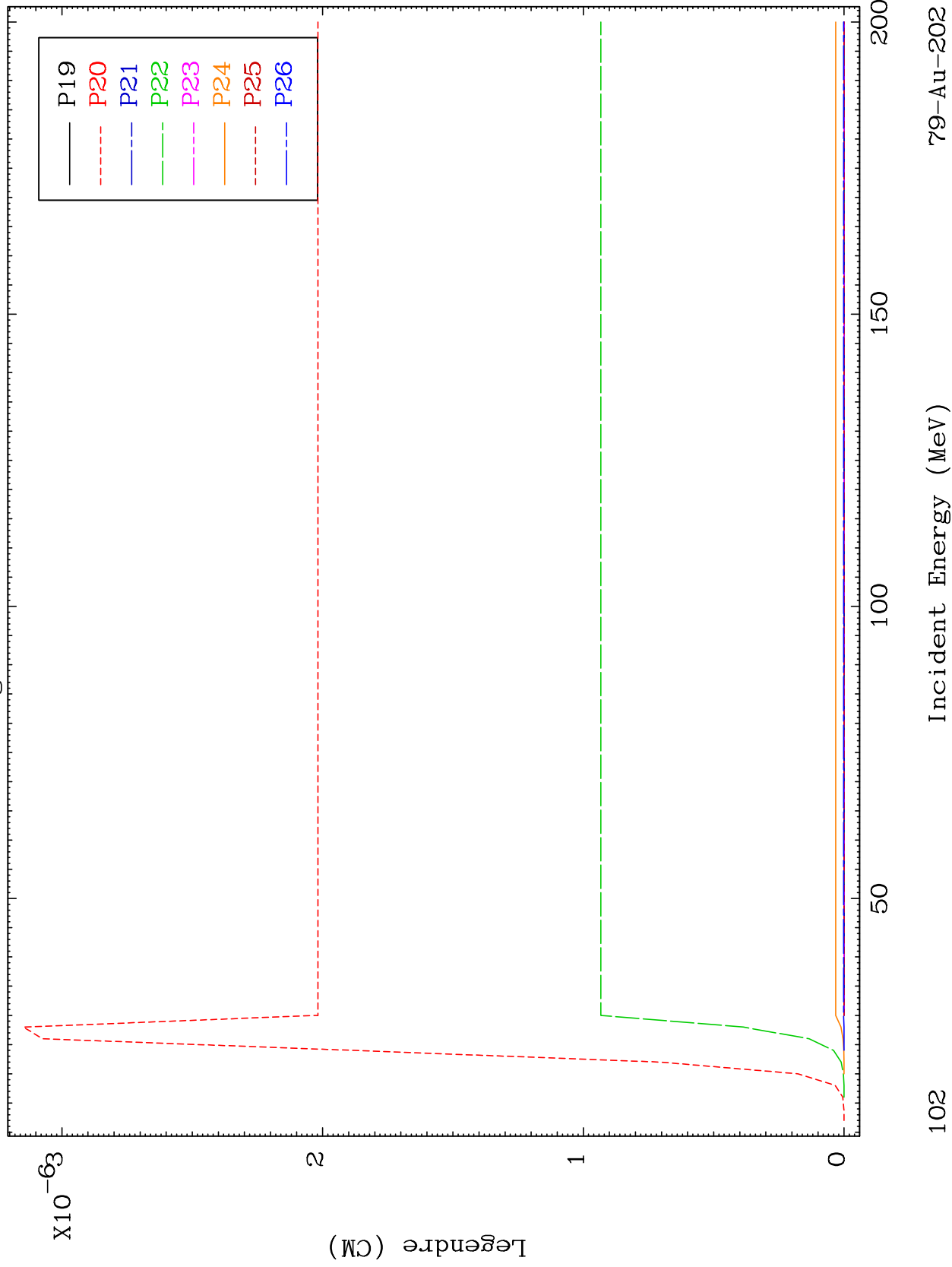
Incident Energy (MeV)

79-Au-202

MAT 7940

MT= 73 (n,n') Level
Legendre Coefficients

79-Au-202



102

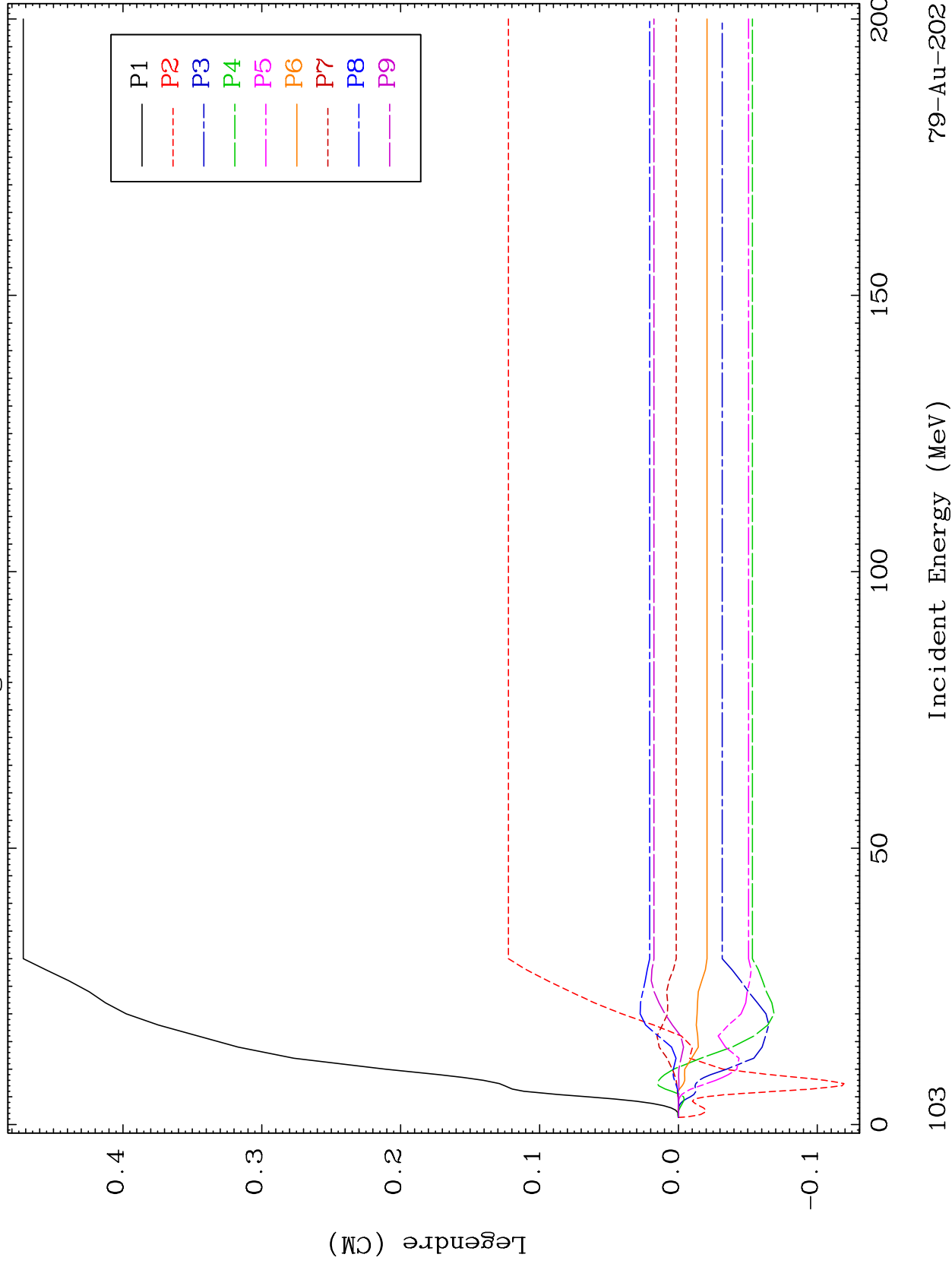
Incident Energy (MeV)

79-Au-202

MAT 7940

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

79-Au-202



79-Au-202

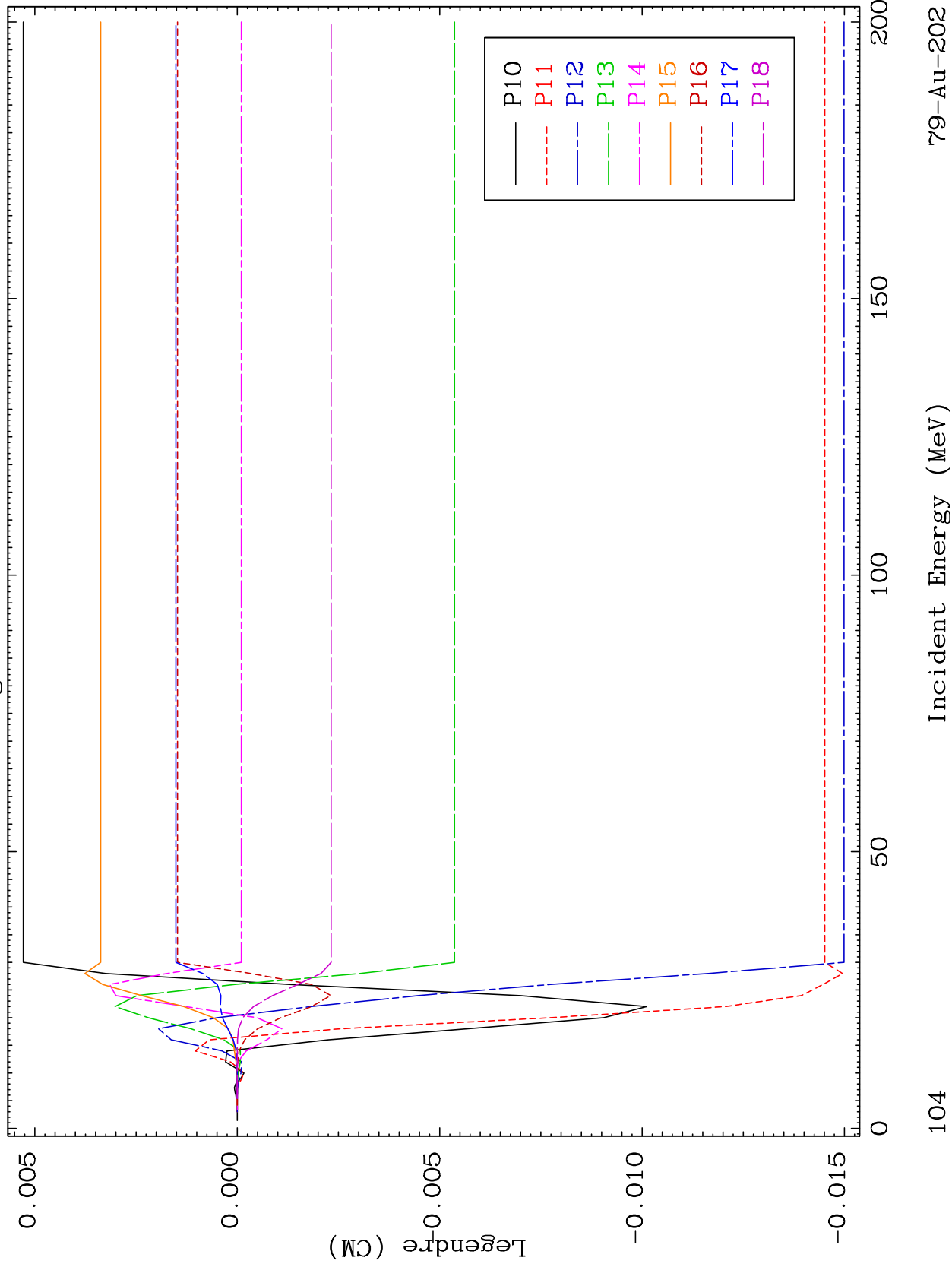
Incident Energy (MeV)

103

MAT 7940

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

79-Au-202



104

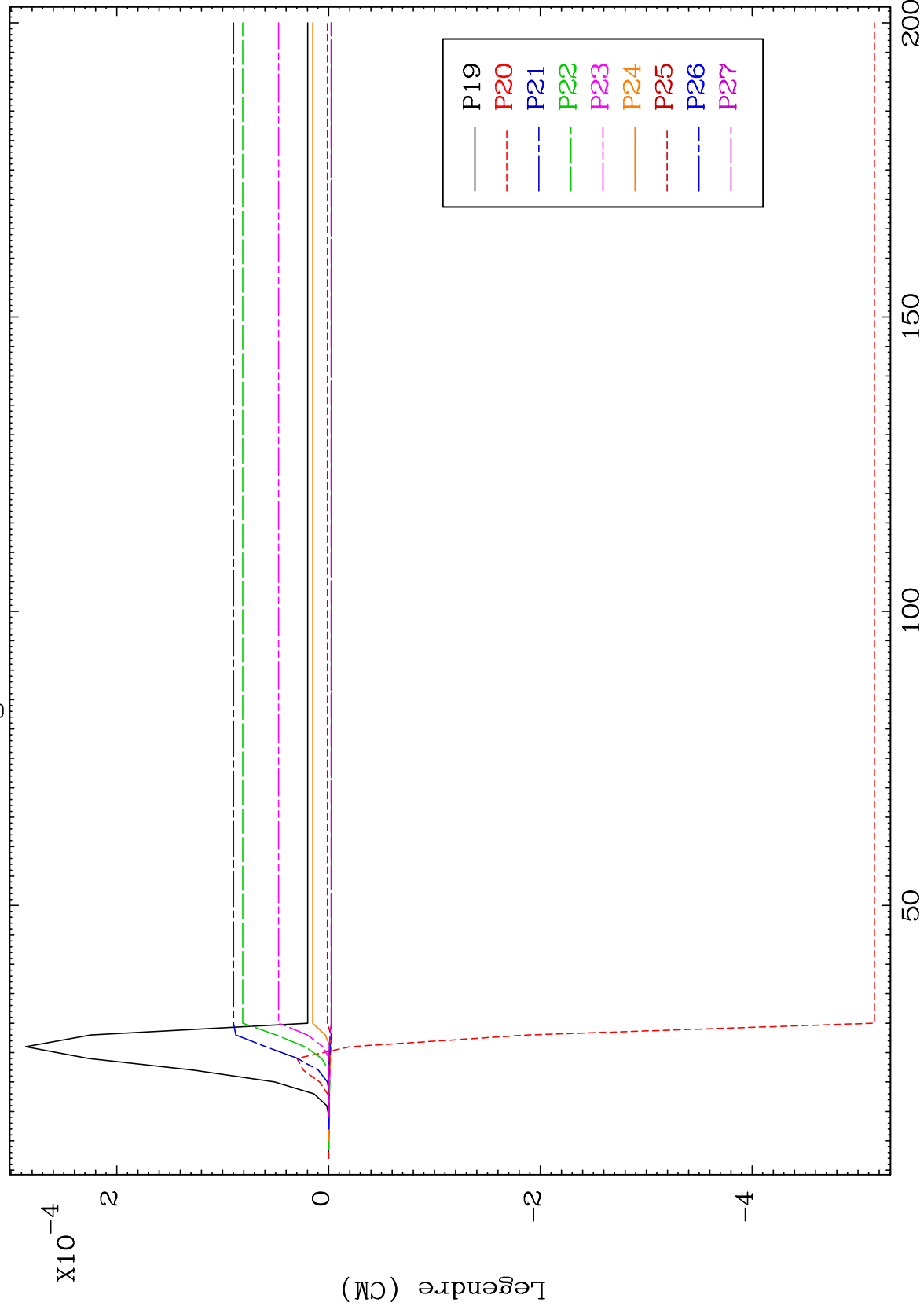
Incident Energy (MeV)

79-Au-202

MAT 7940

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

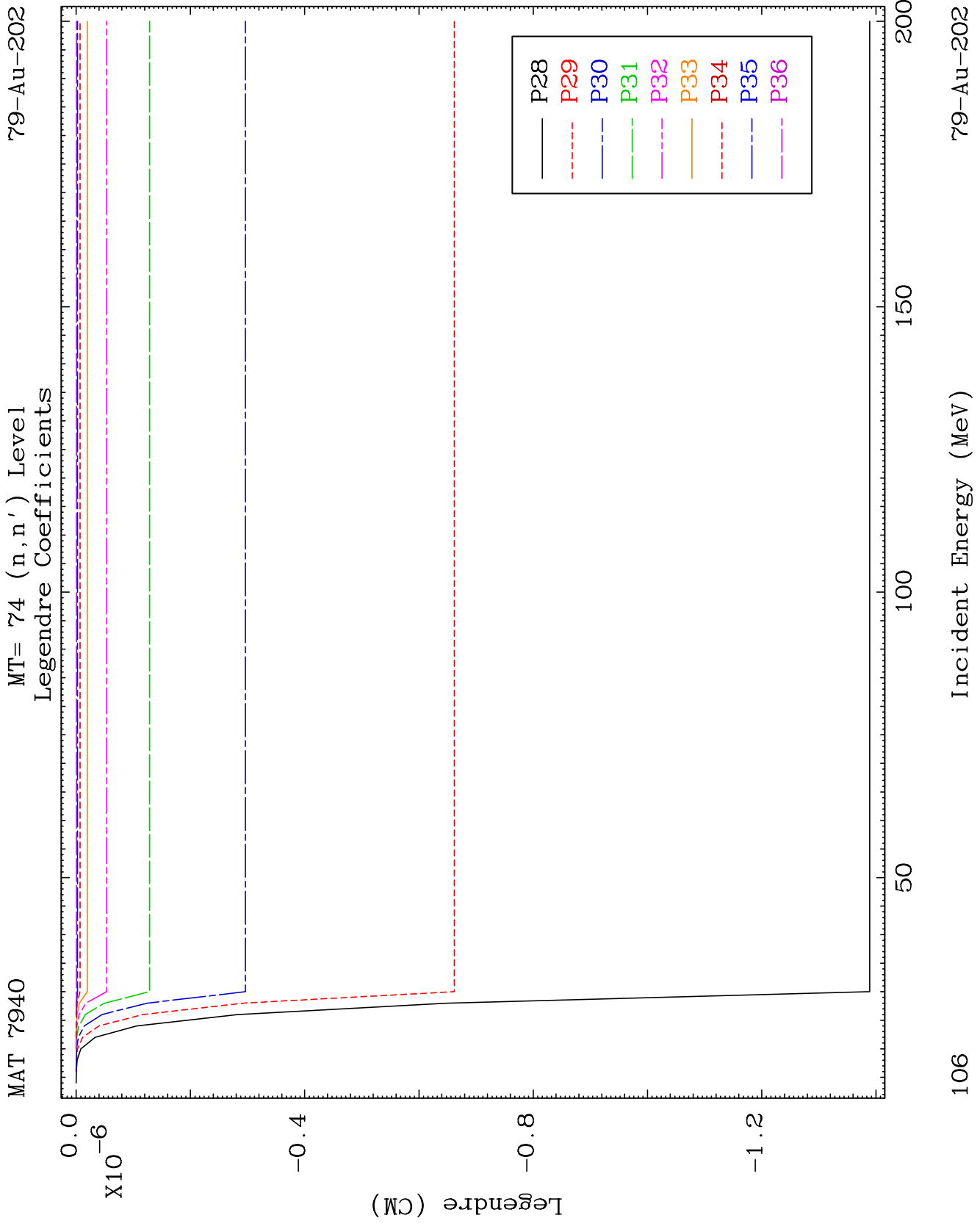
79-Au-202

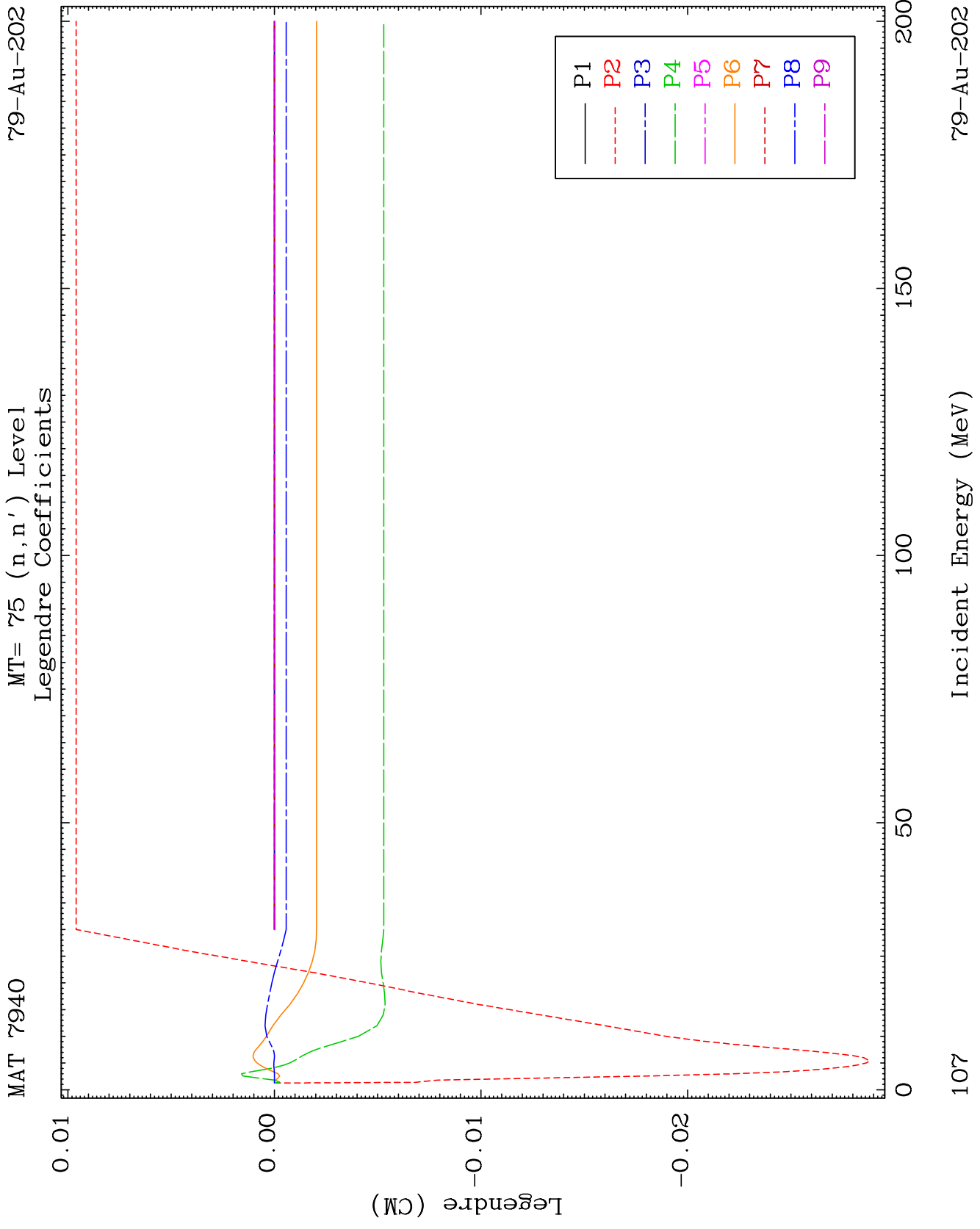


105

Incident Energy (MeV)

79-Au-202

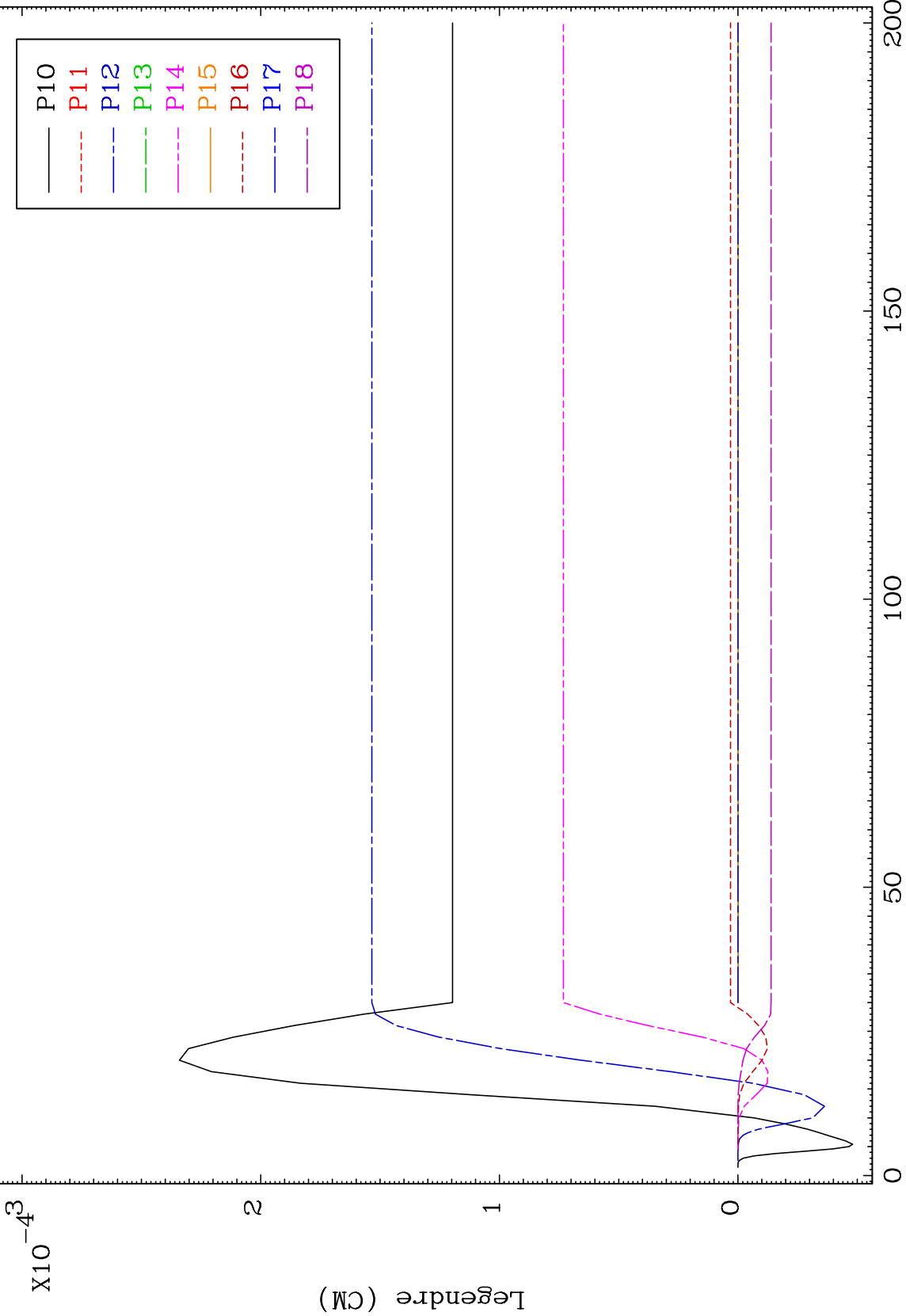




MAT 7940

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

79-Au-202



108

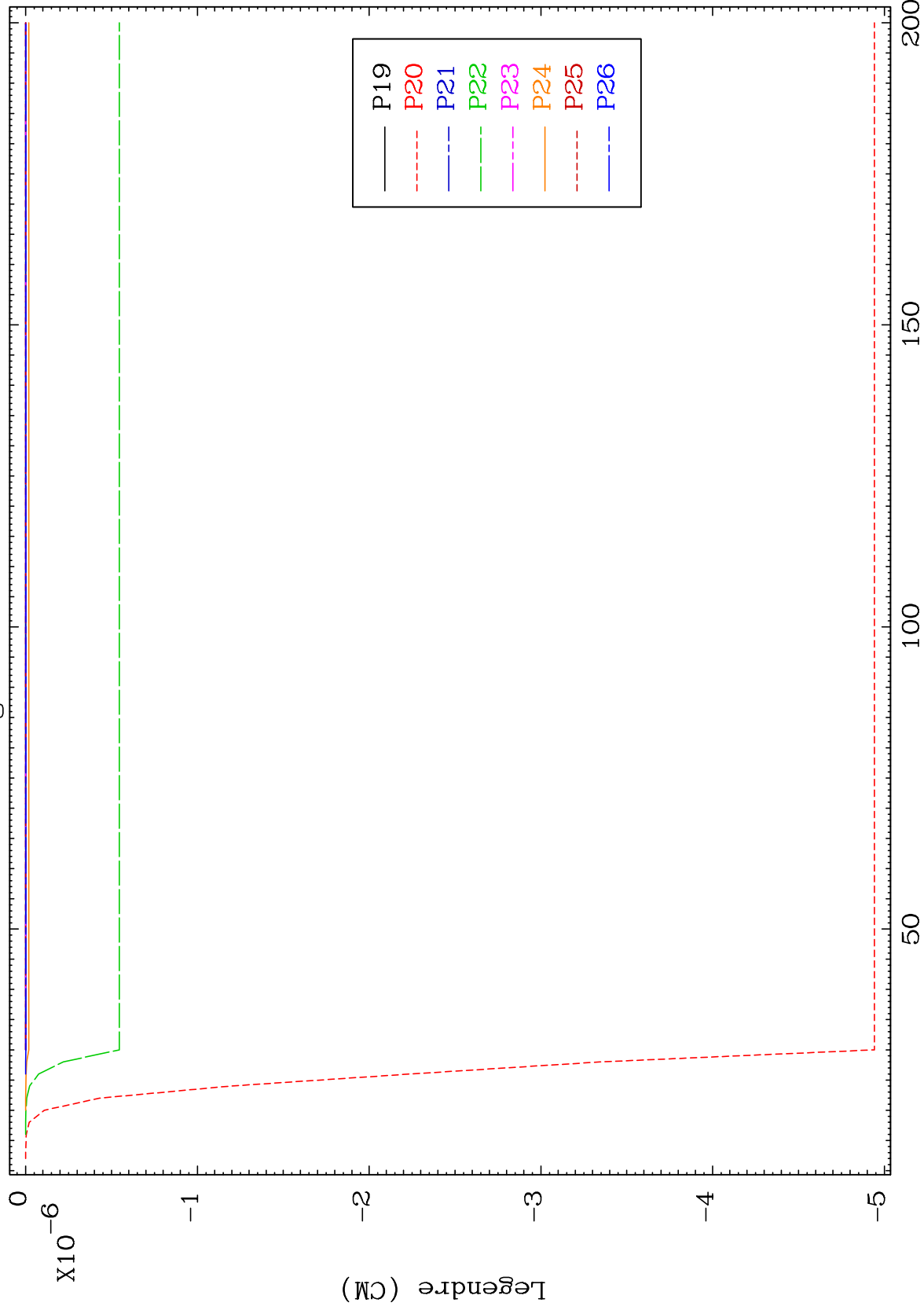
Incident Energy (MeV)

79-Au-202

MAT 7940

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

79-Au-202



109

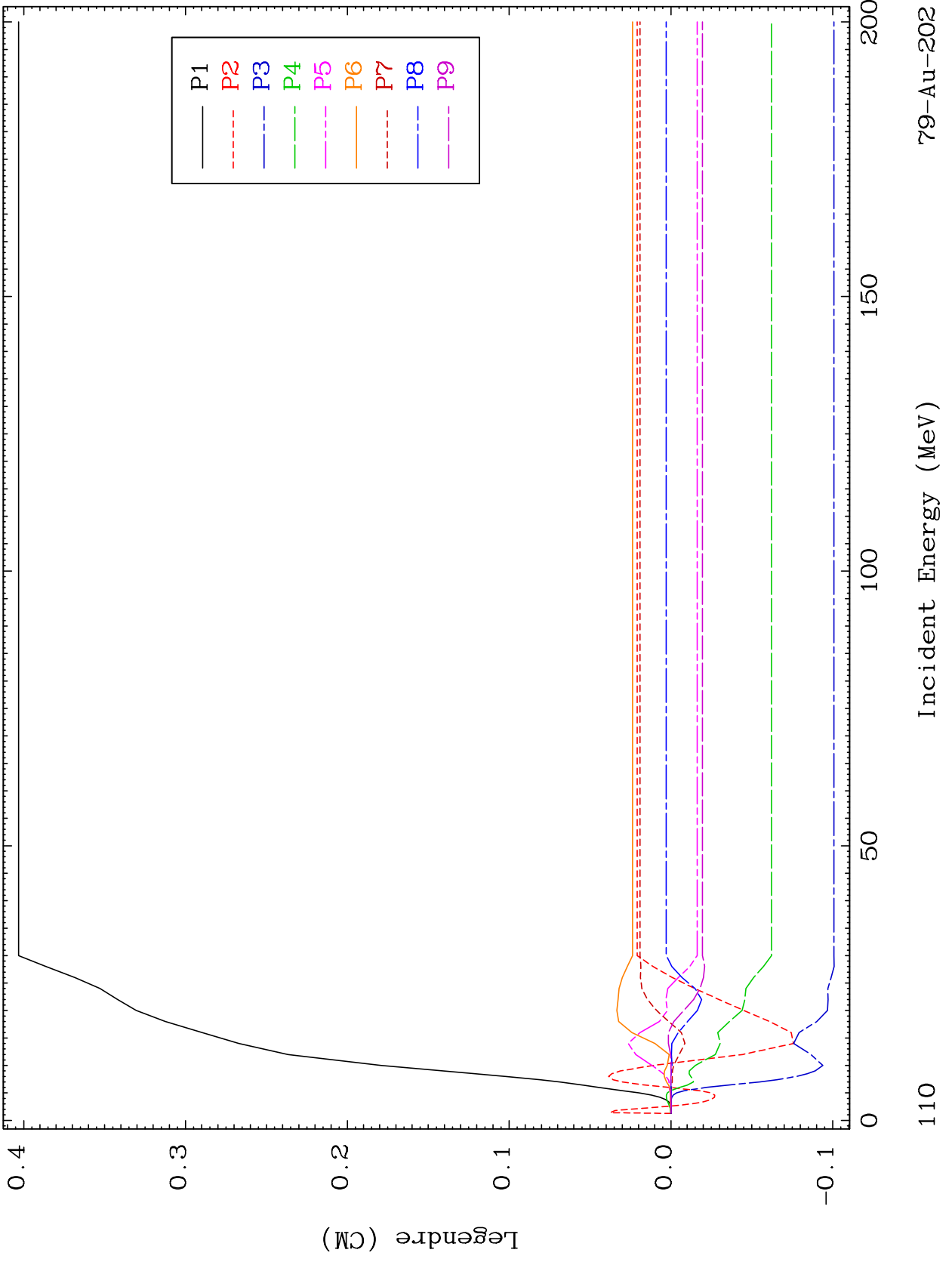
Incident Energy (MeV)

79-Au-202

MAT 7940

MT= 76 (n,n') Level
Legendre Coefficients

79-Au-202



79-Au-202

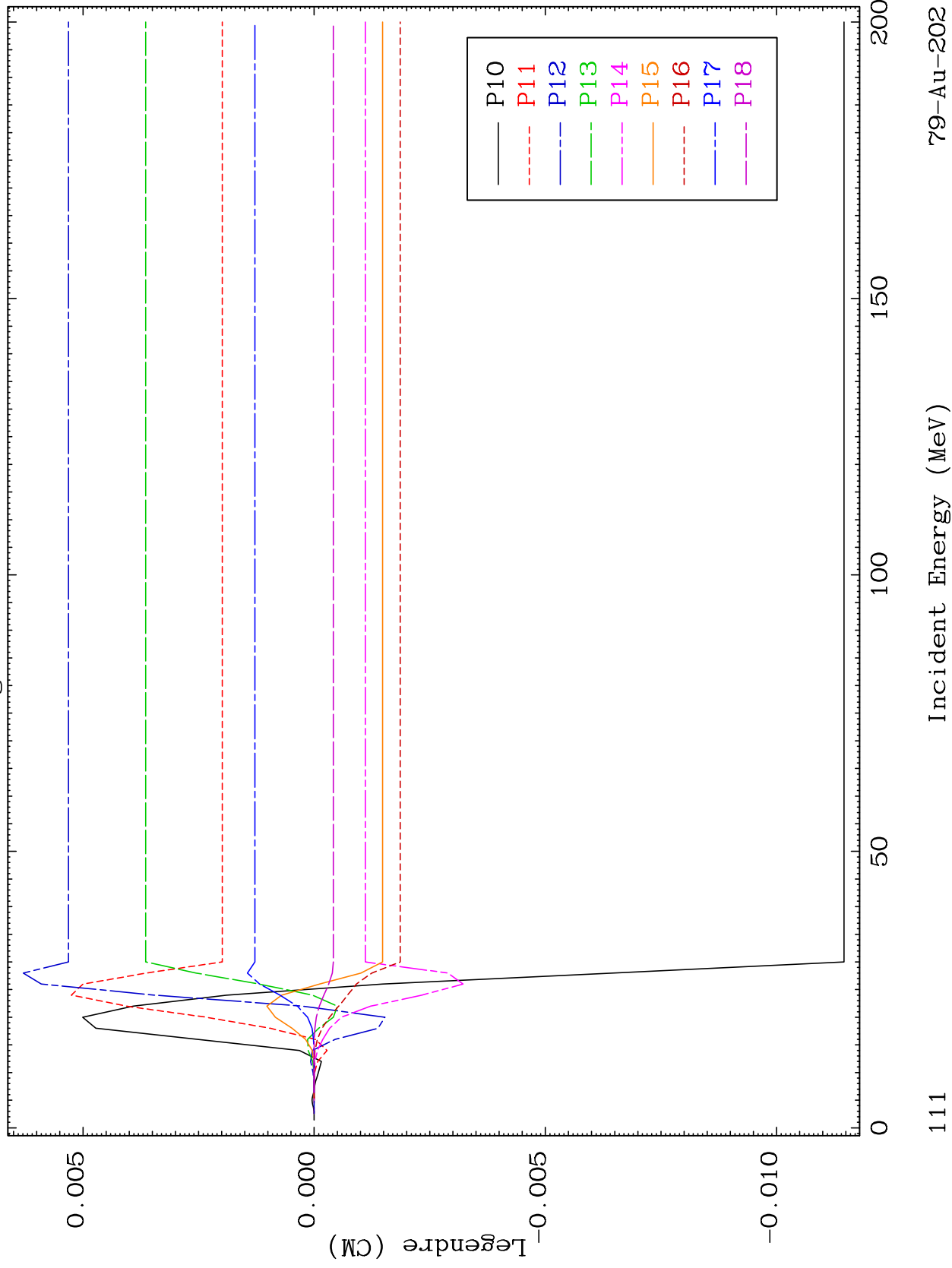
Incident Energy (MeV)

110

MAT 7940

MT= 76 (n,n') Level
Legendre Coefficients

79-Au-202



111

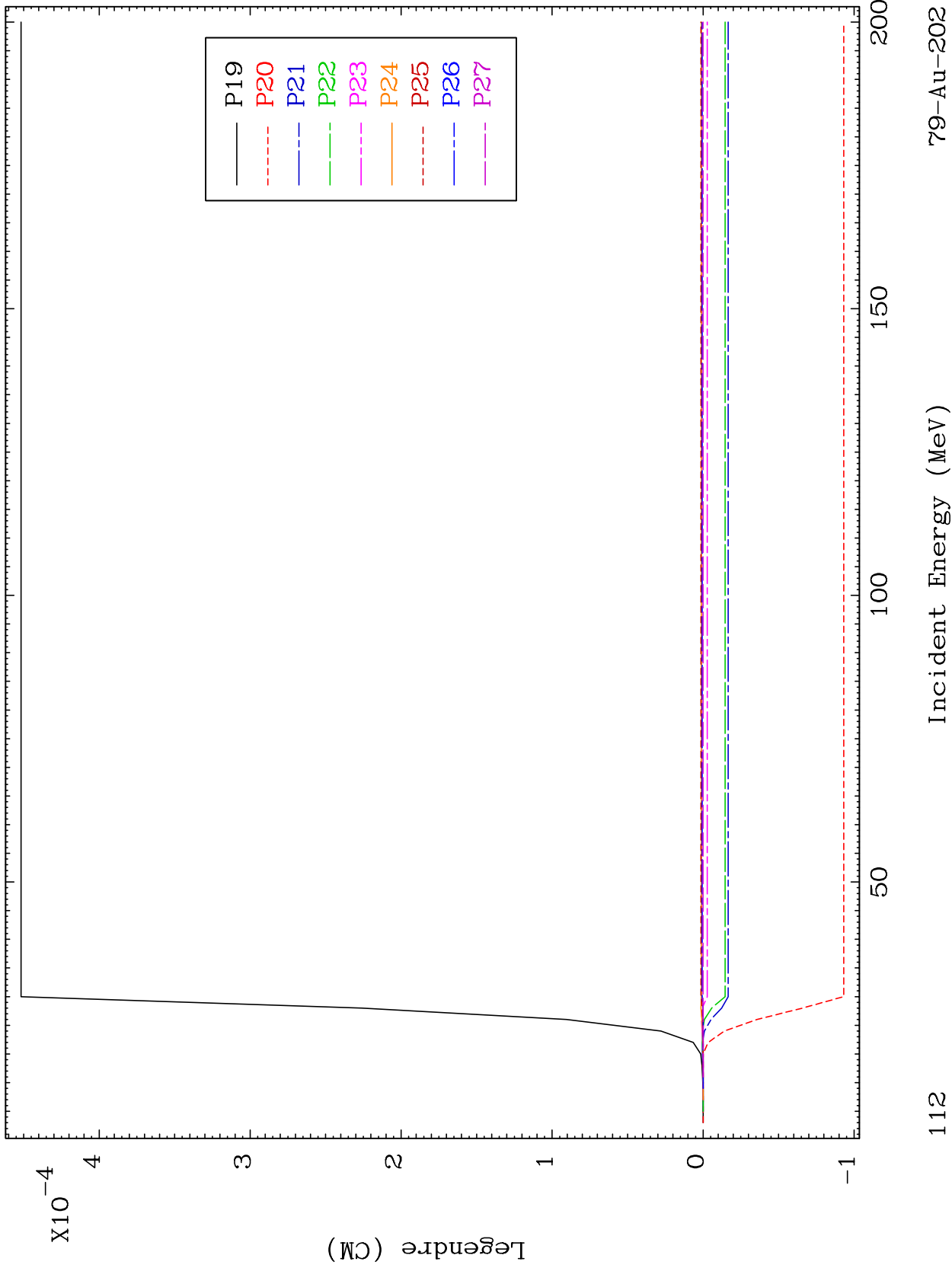
Incident Energy (MeV)

79-Au-202

MAT 7940

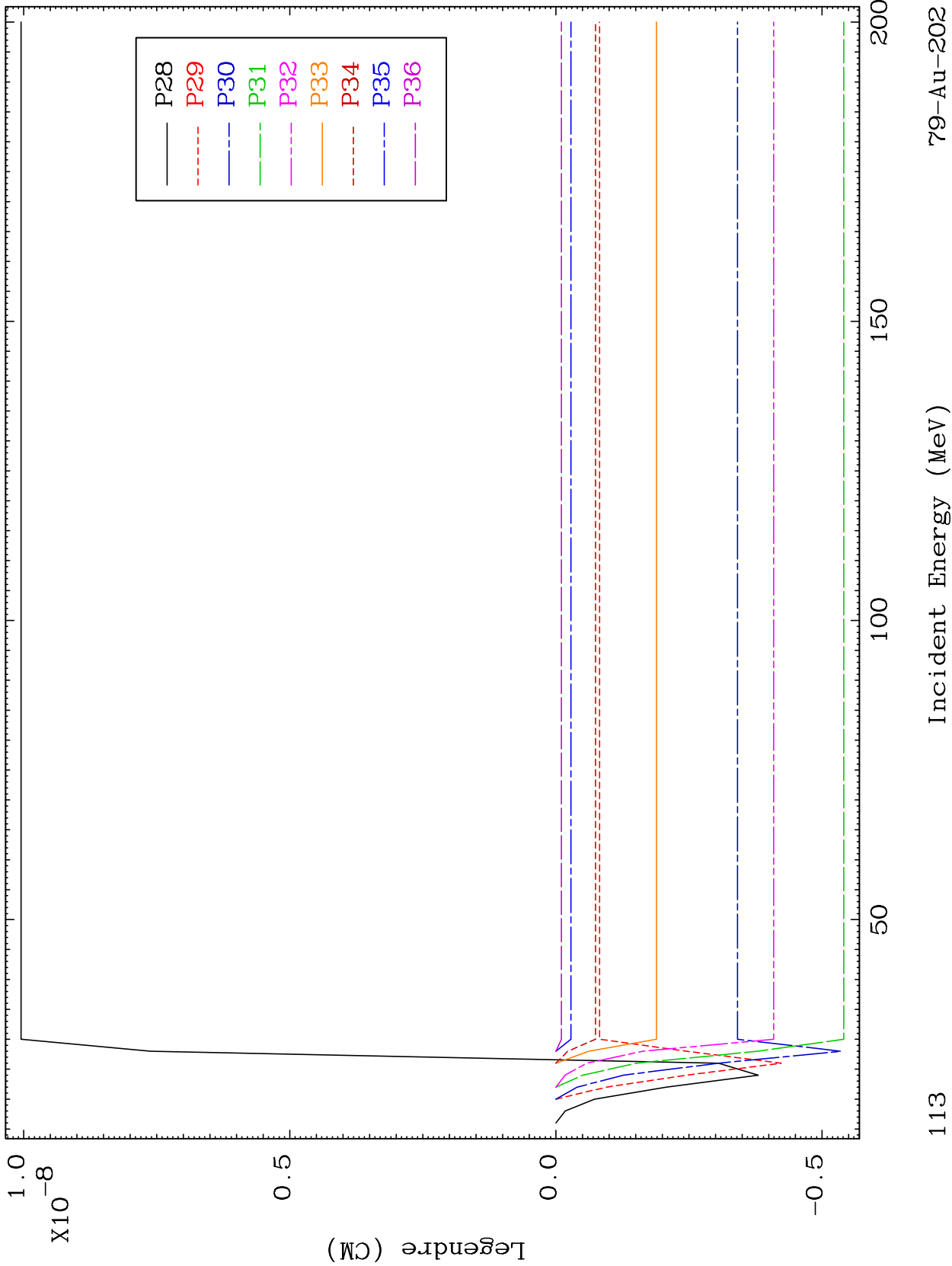
MT= 76 (n,n') Level
Legendre Coefficients

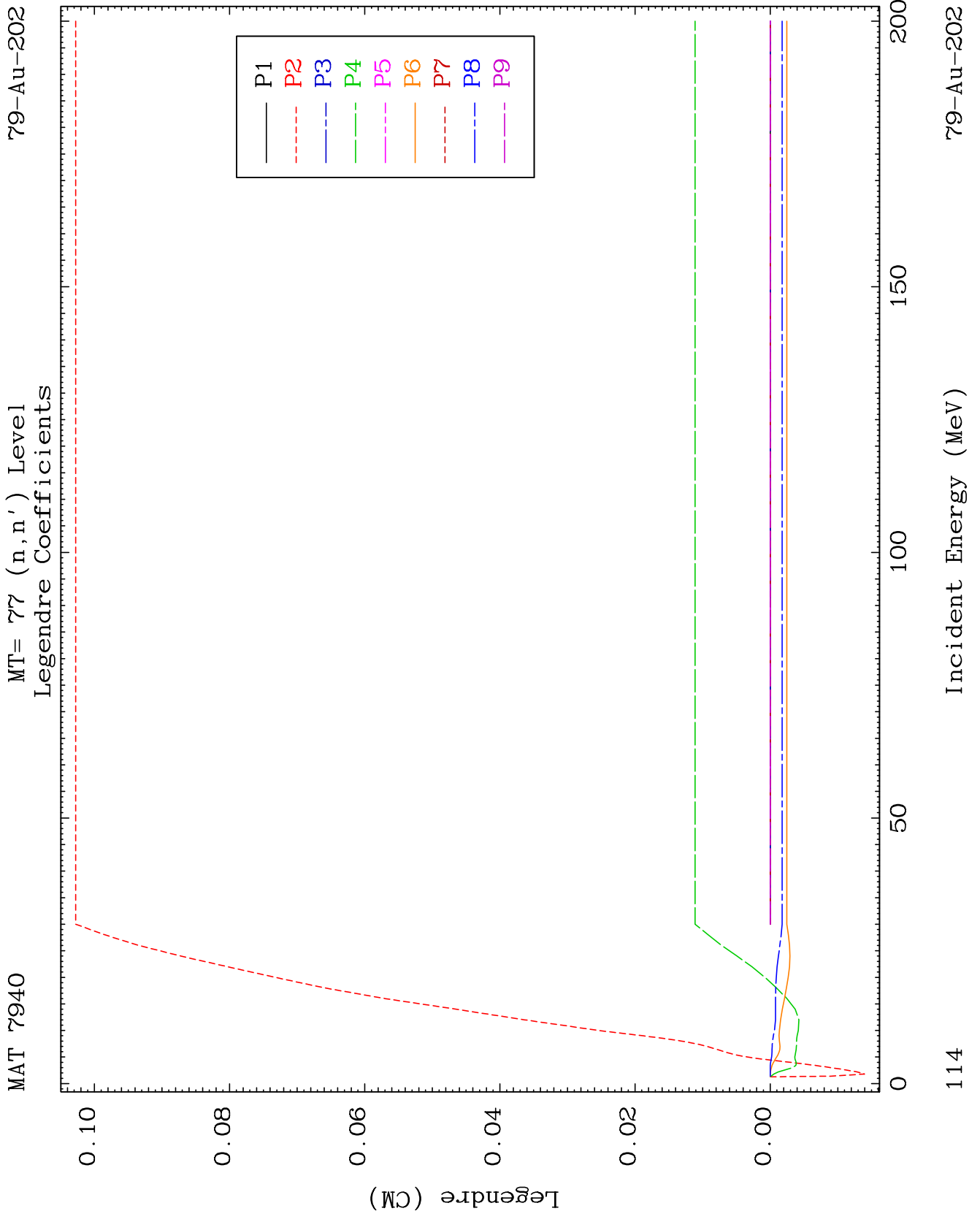
79-Au-202



112

79-Au-202



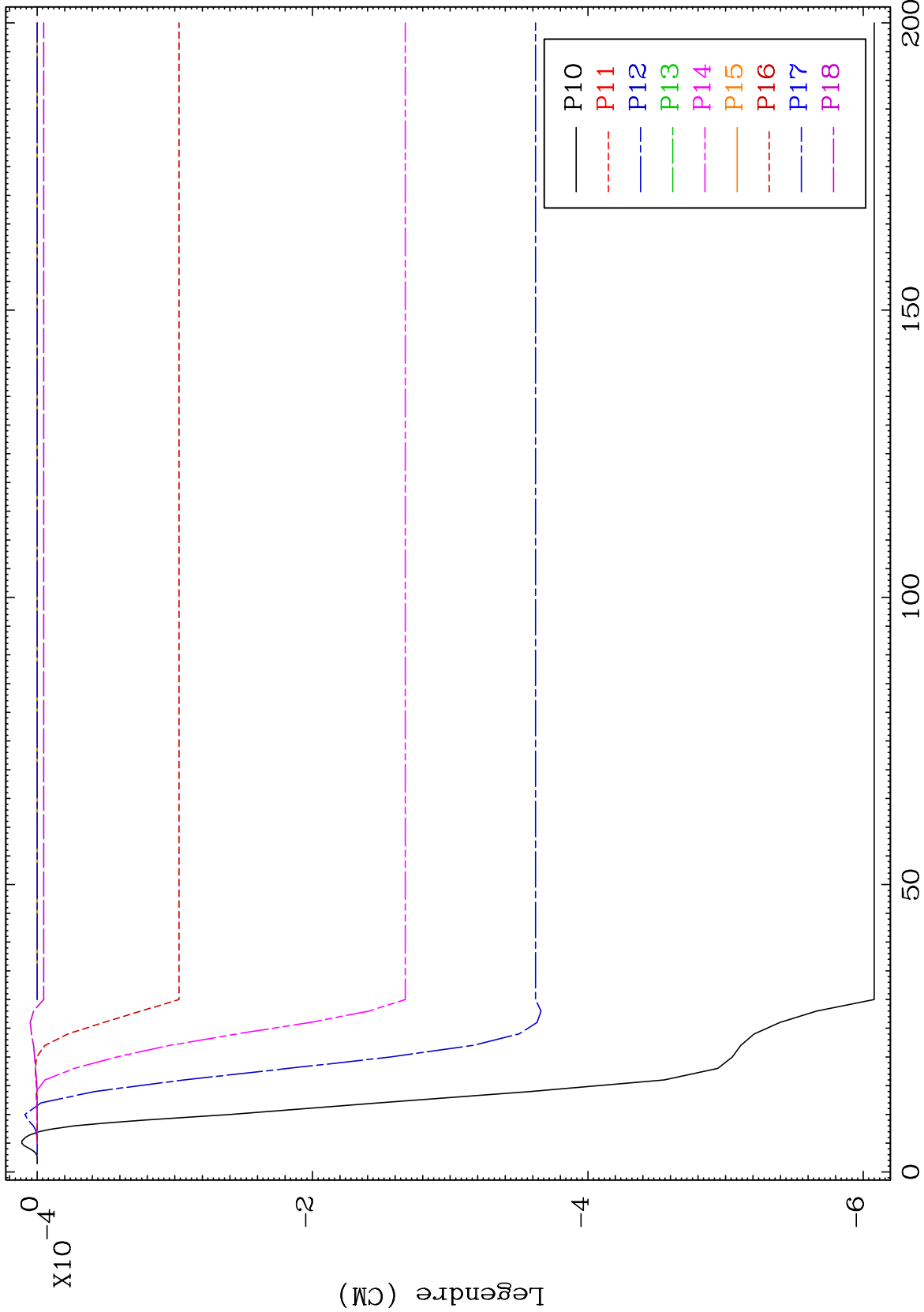


MAT 7940

MT= 77 (n,n') Level

79-Au-202

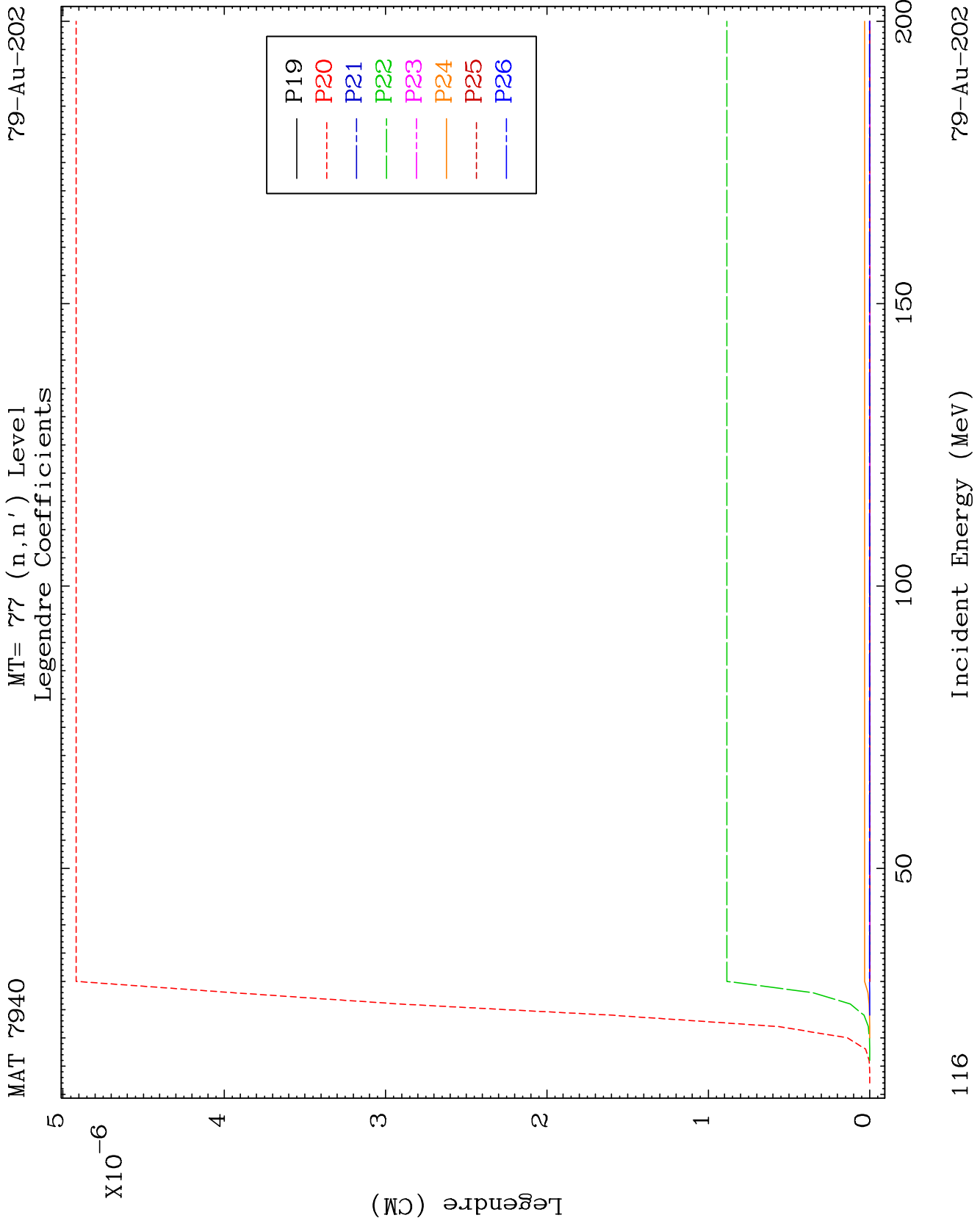
Legendre Coefficients

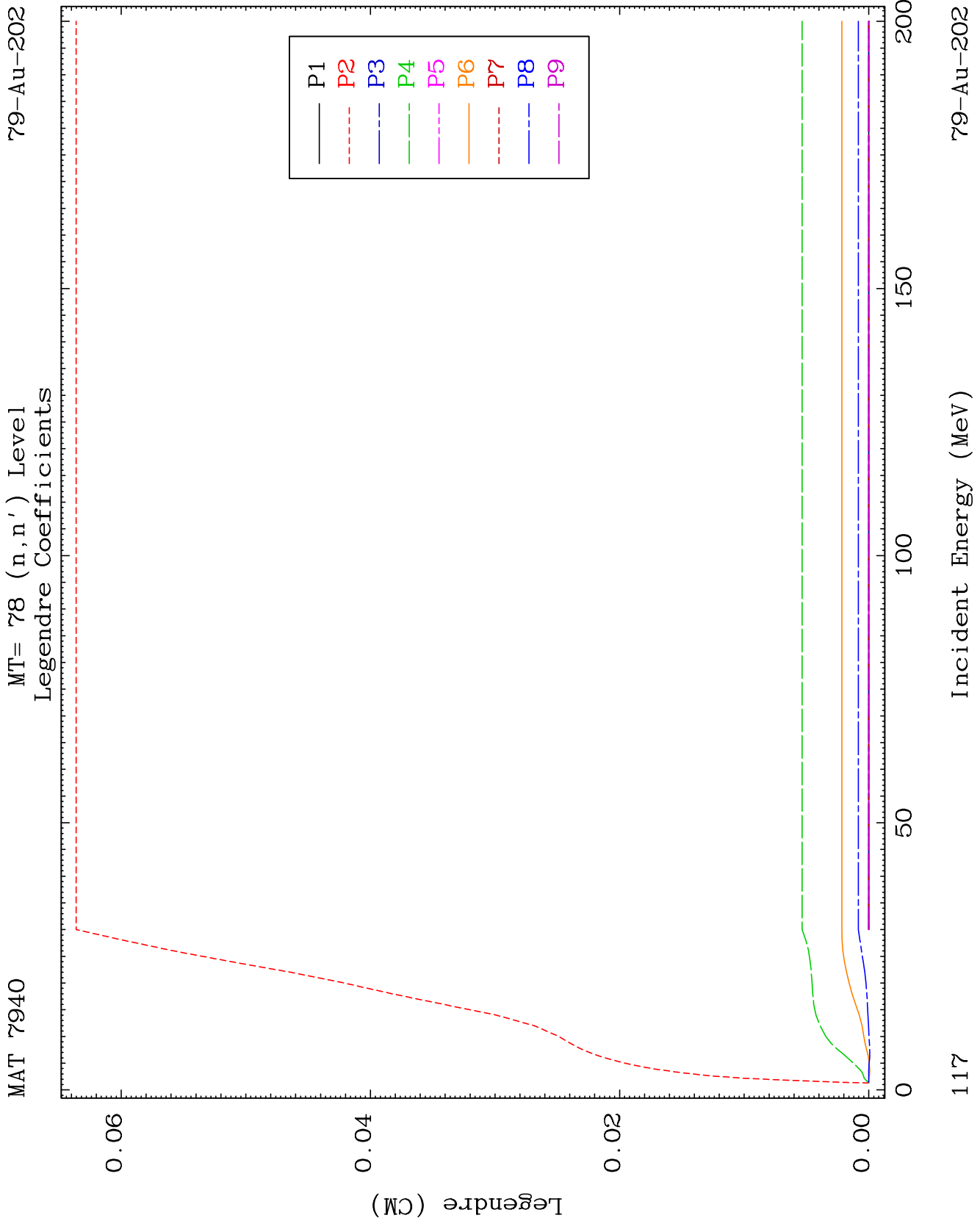


115

Incident Energy (MeV)

79-Au-202

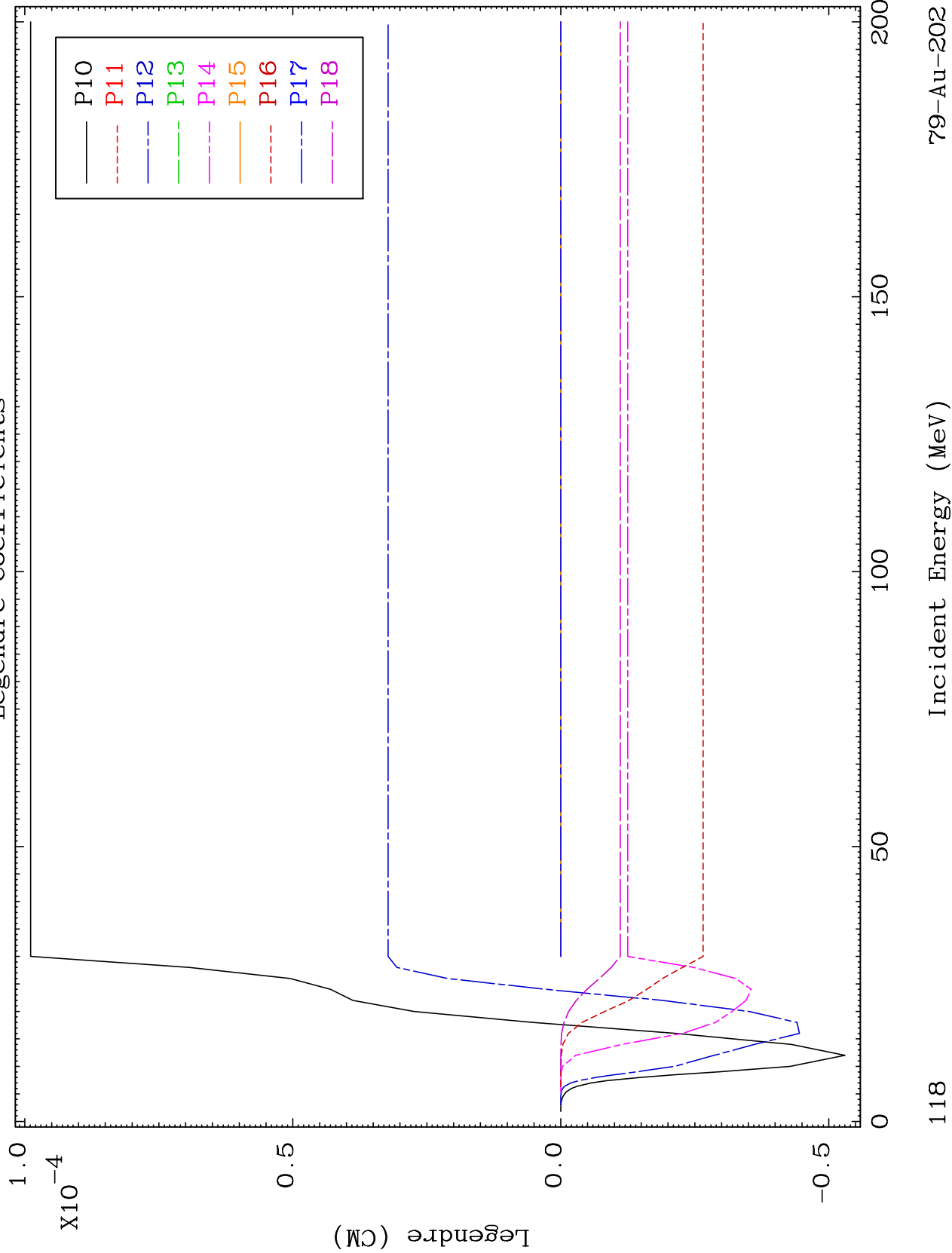




MAT 7940

MT= 78 (n,n') Level
Legendre Coefficients

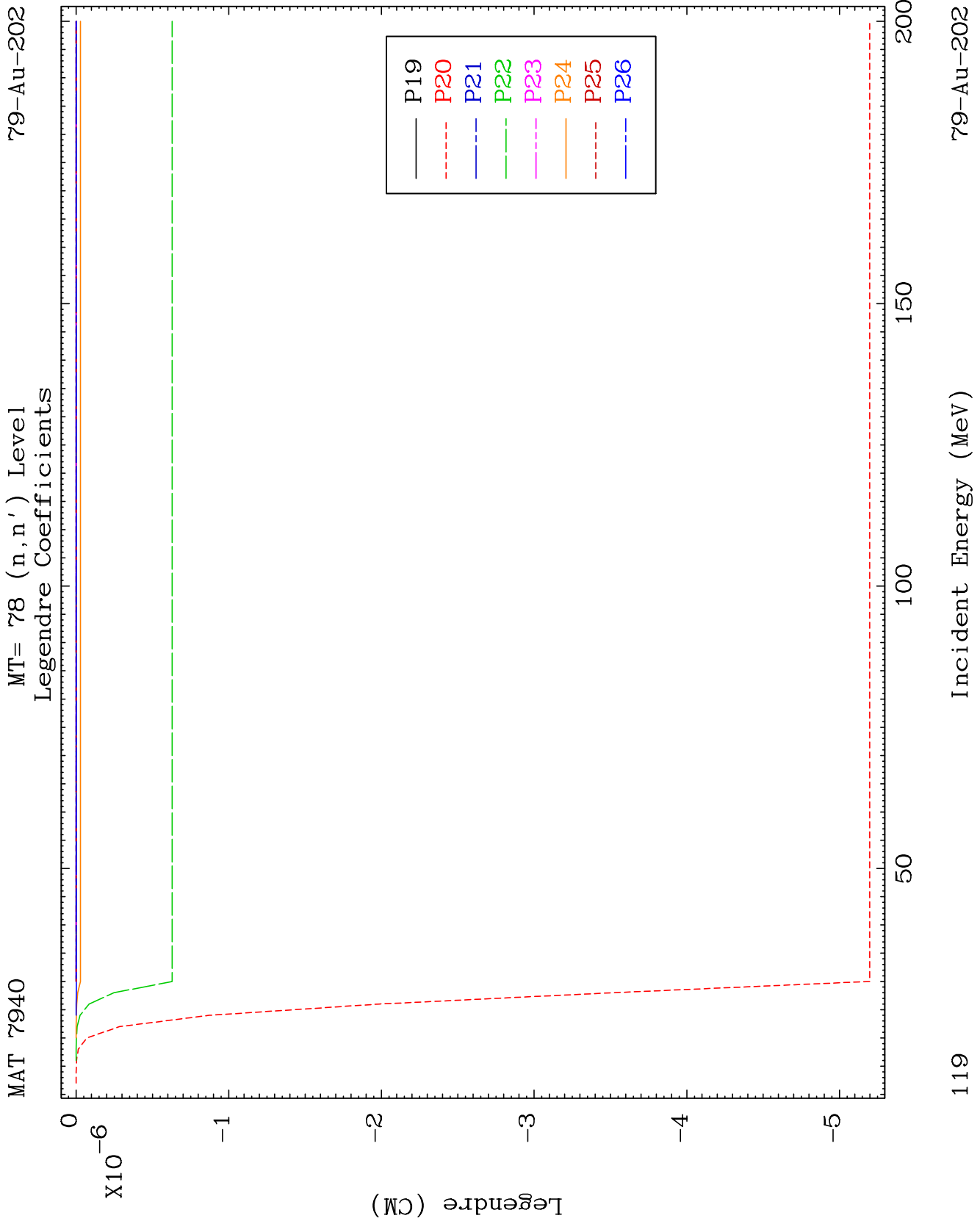
79-Au-202



79-Au-202

Incident Energy (MeV)

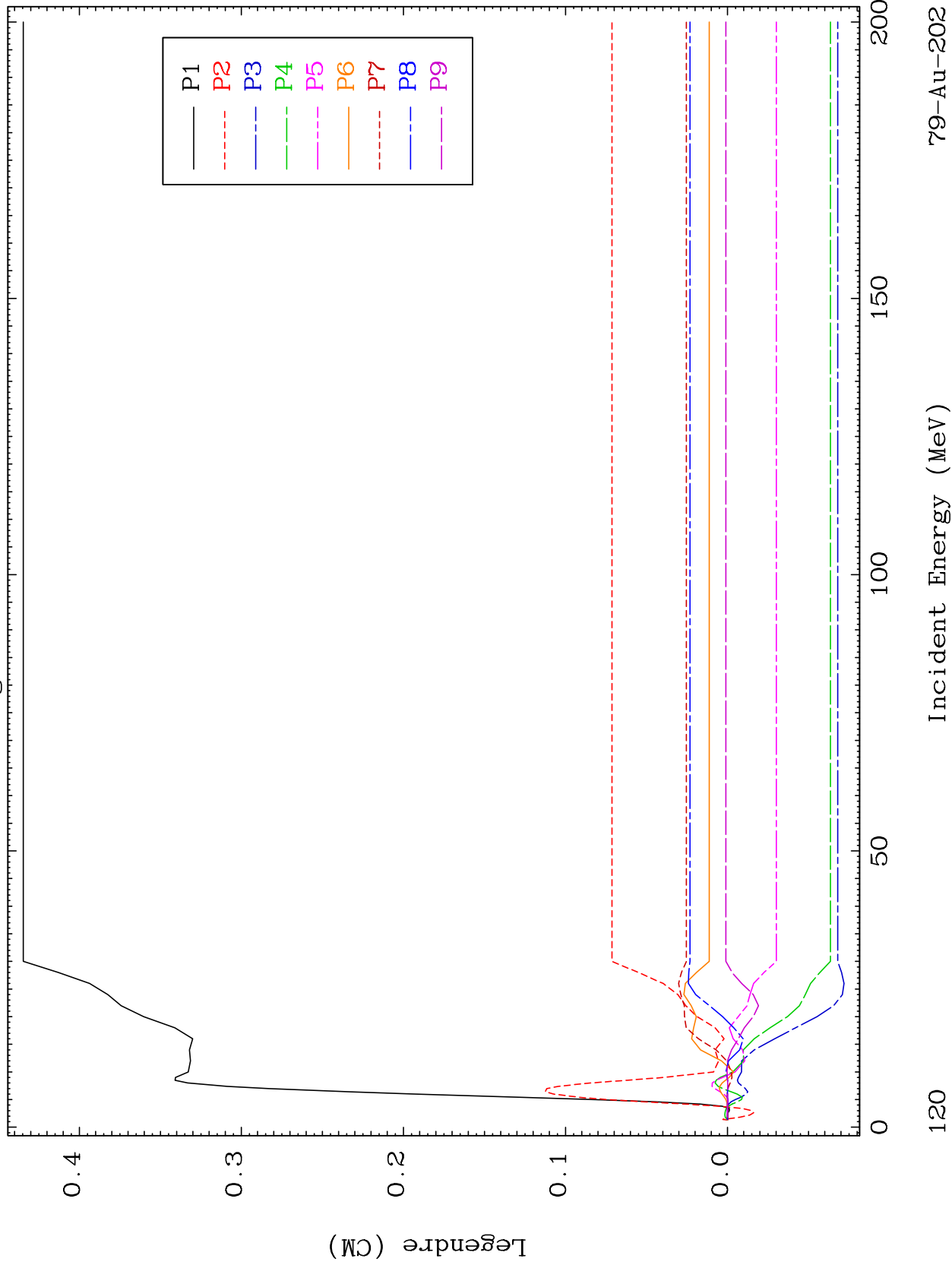
118

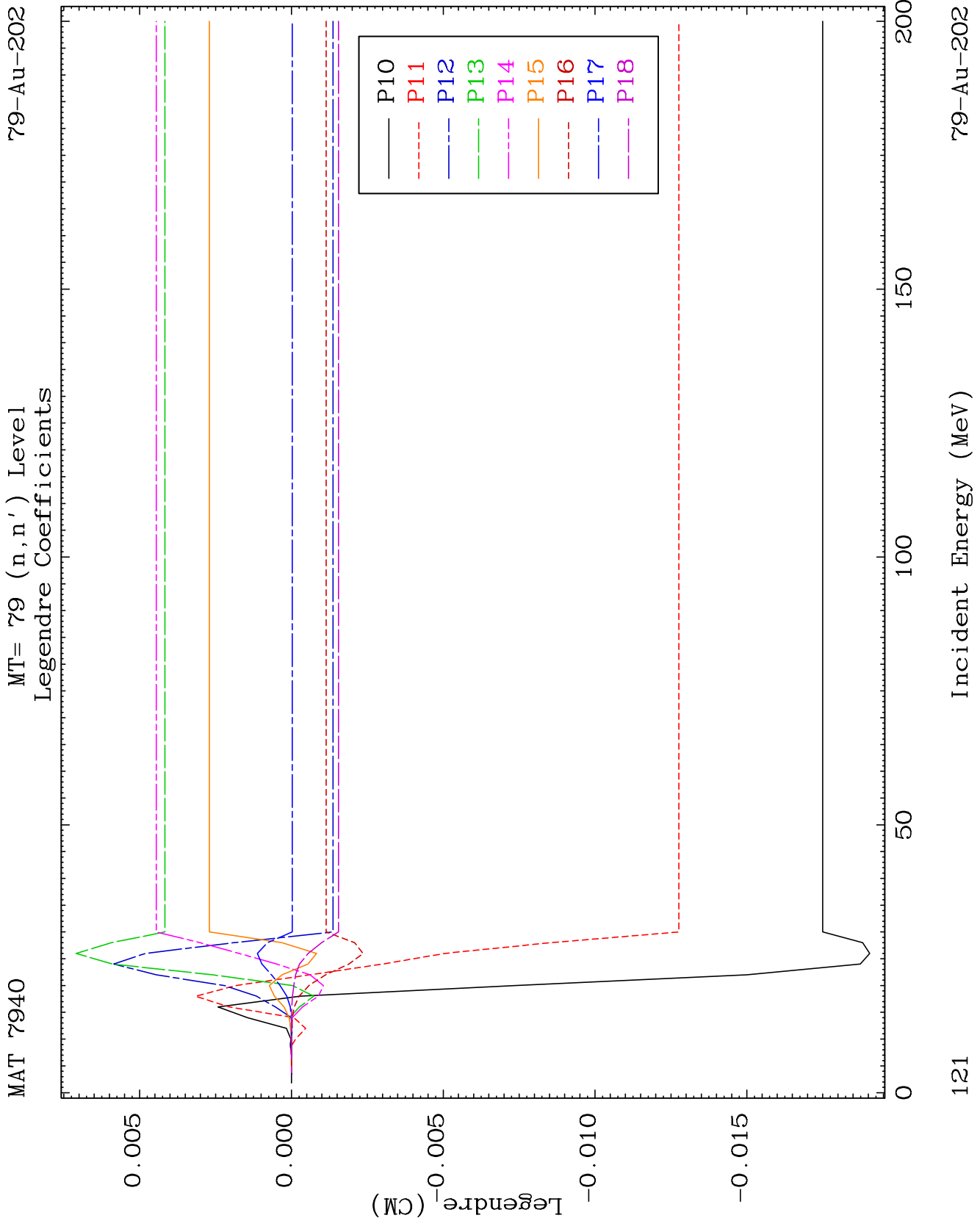


MAT 7940

MT= 79 (n,n') Level
Legendre Coefficients

79-Au-202

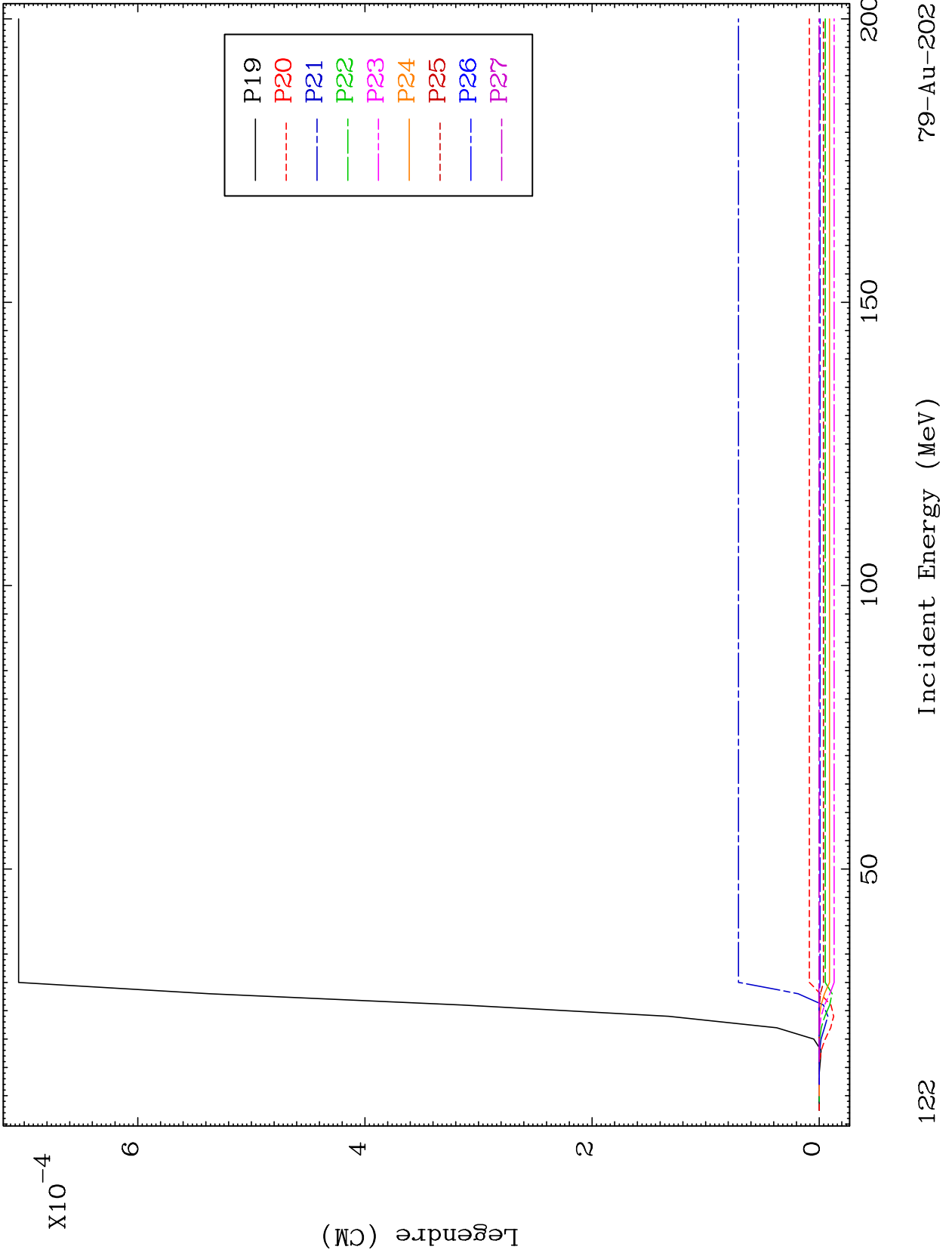




MAT 7940

MT= 79 (n,n') Level
Legendre Coefficients

79-Au-202



122

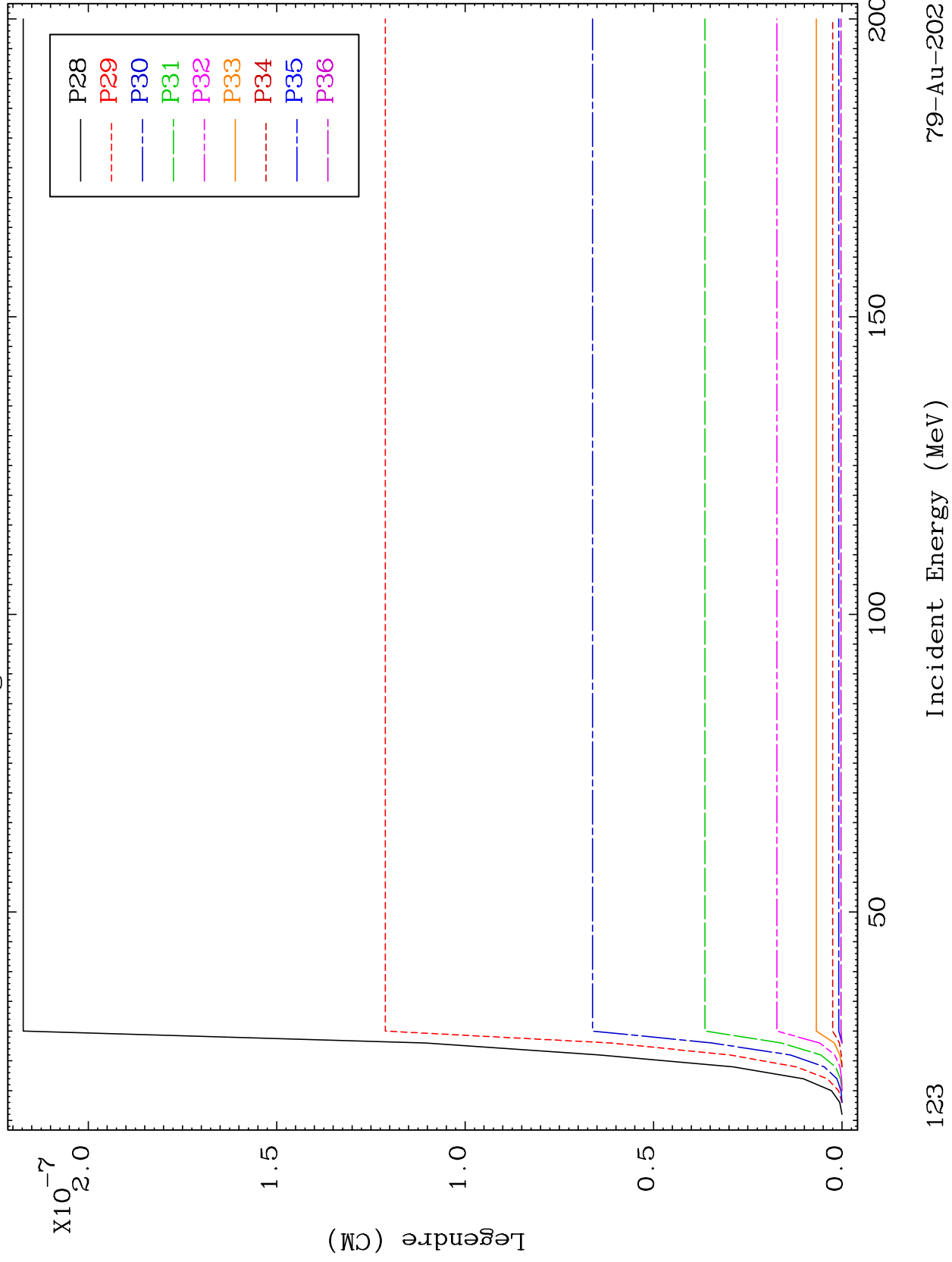
Incident Energy (MeV)

79-Au-202

MAT 7940

MT= 79 (n,n') Level
Legendre Coefficients

79-Au-202



123

Incident Energy (MeV)

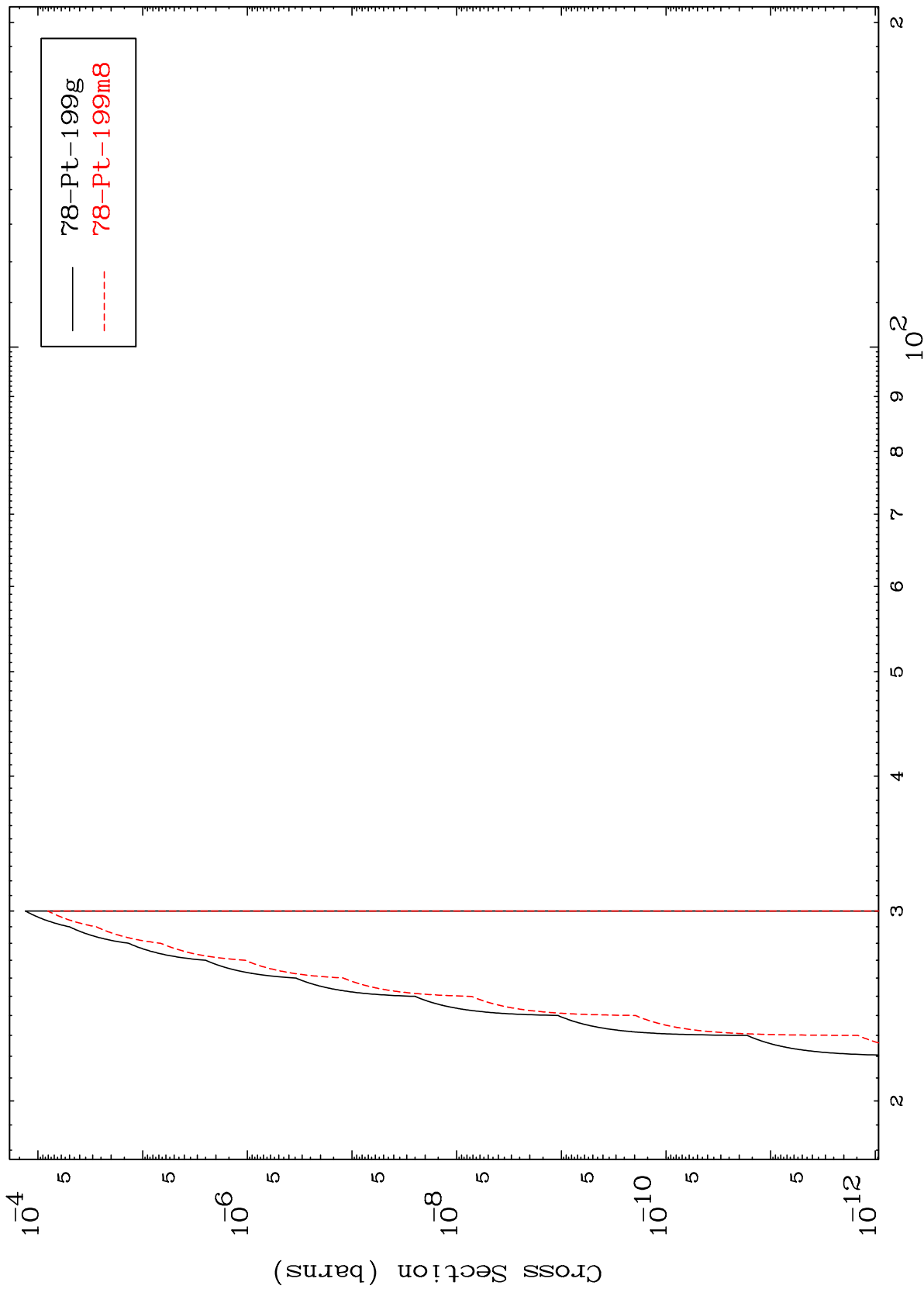
79-Au-202

MAT 7940

(n,2n) d

79-Au-202

Radionuclide Production Cross Section



78-Pt-199g
78-Pt-199m8

124

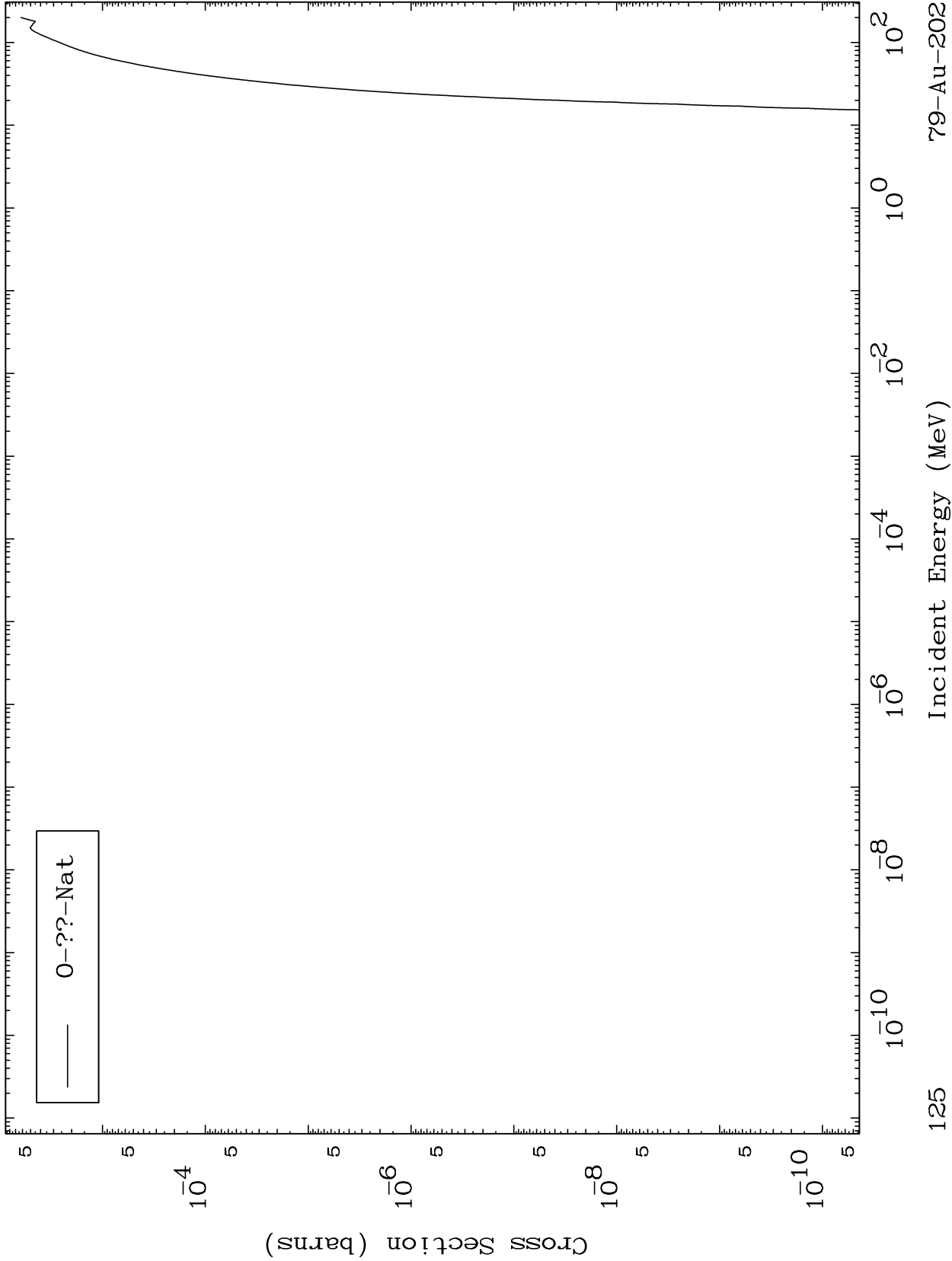
Incident Energy (MeV)

79-Au-202

MAT 7940

Fission
Radionuclide Production Cross Section

79-Au-202



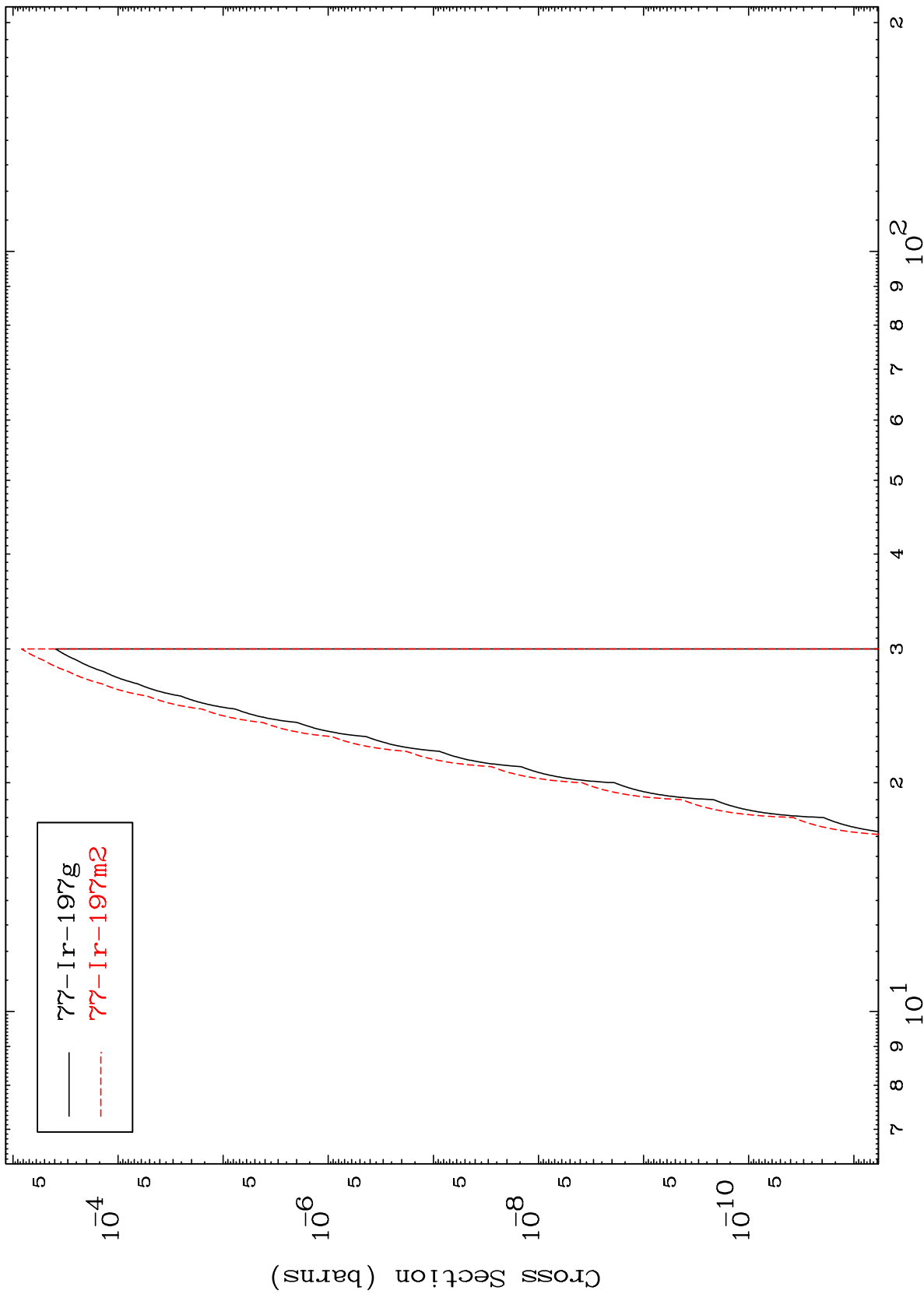
79-Au-202

MAT 7940

$(n,2n) \alpha$

79-Au-202

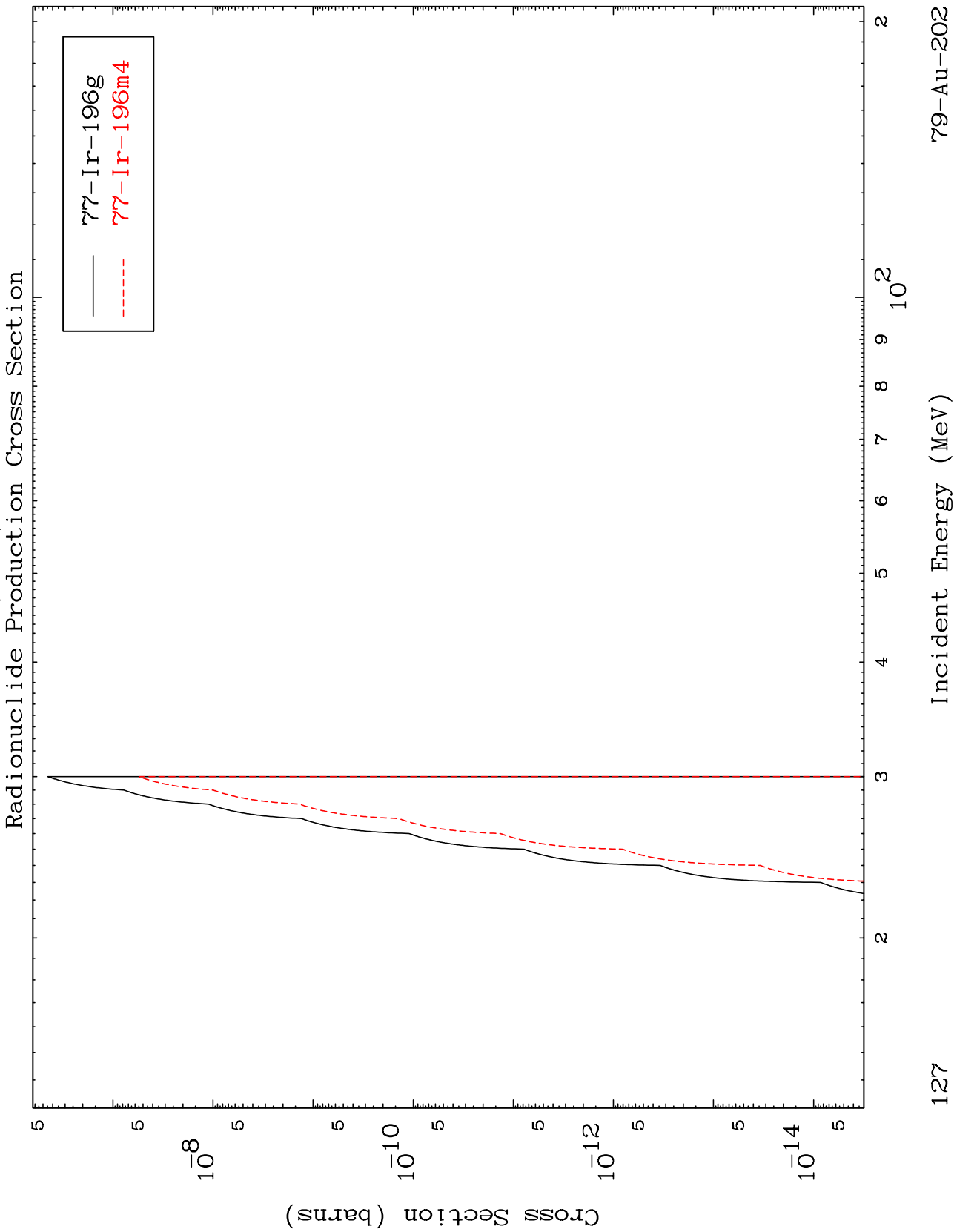
Radionuclide Production Cross Section



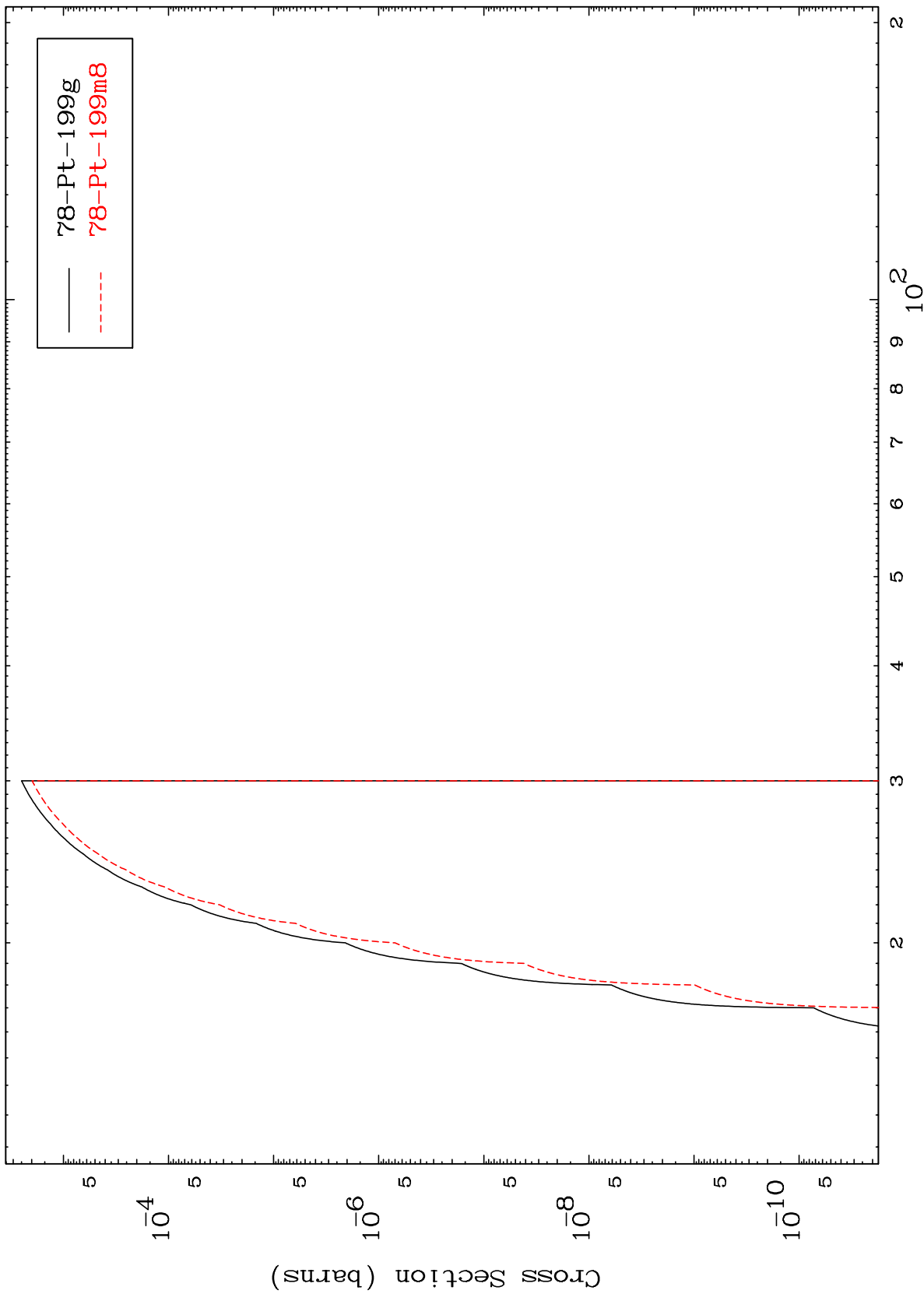
126

Incident Energy (MeV)

79-Au-202



Radionuclide Production Cross Section



Radionuclide Production Cross Section

