

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

Web: redcullen1.net/HOMEPAGE.NEW

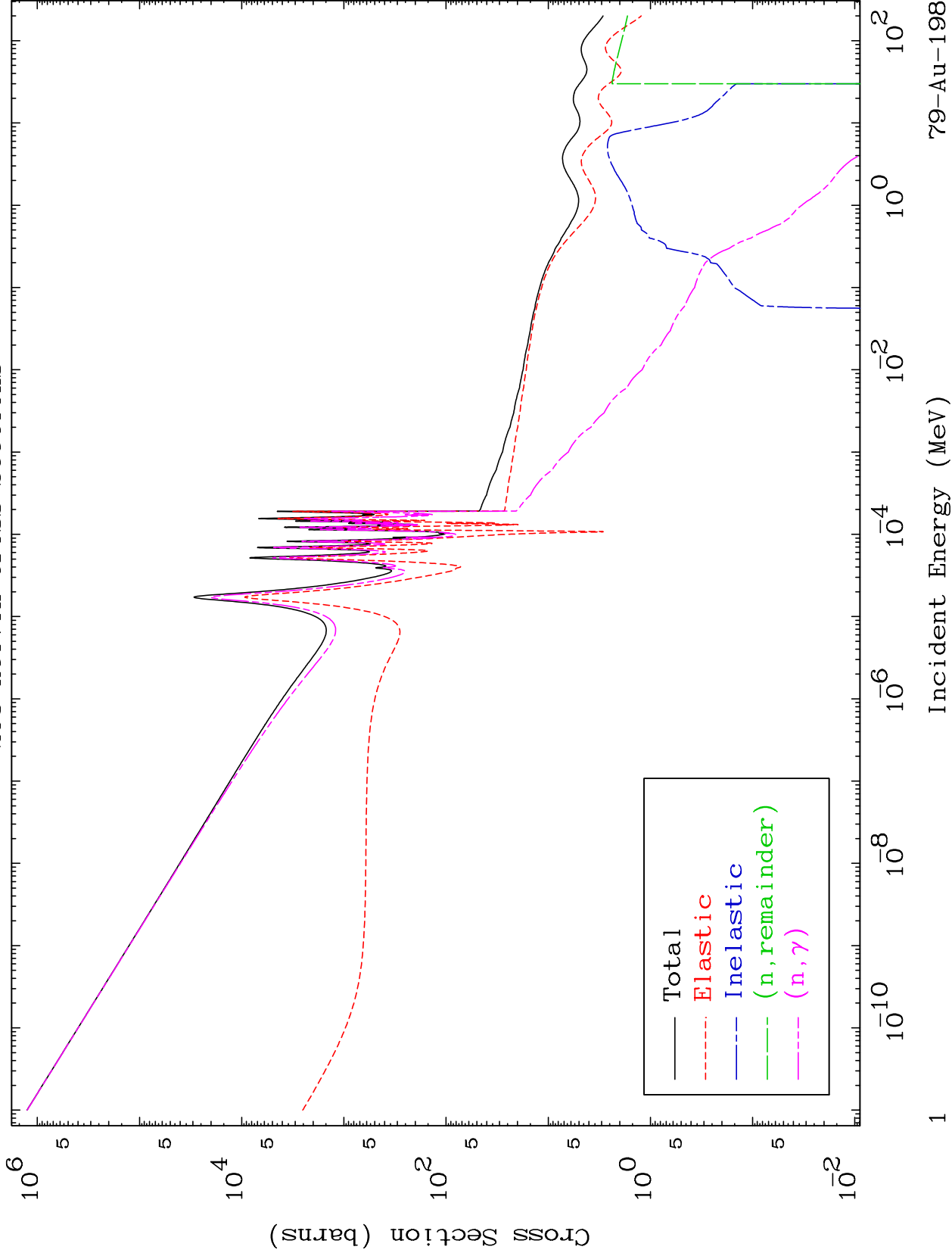
Press Mouse Button to Start

MAT 7928

Major

293 Kelvin Cross Sections

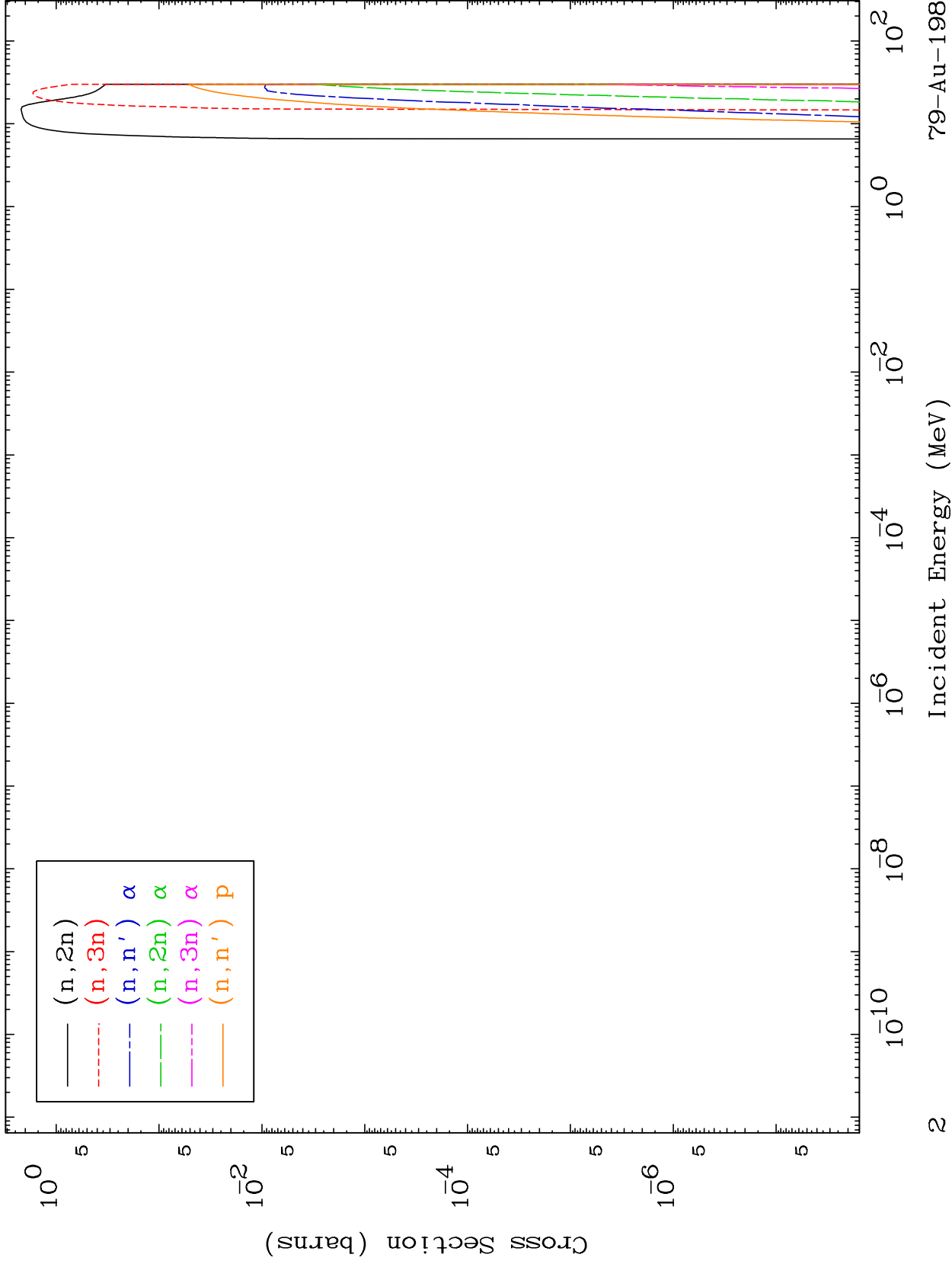
79-Au-198

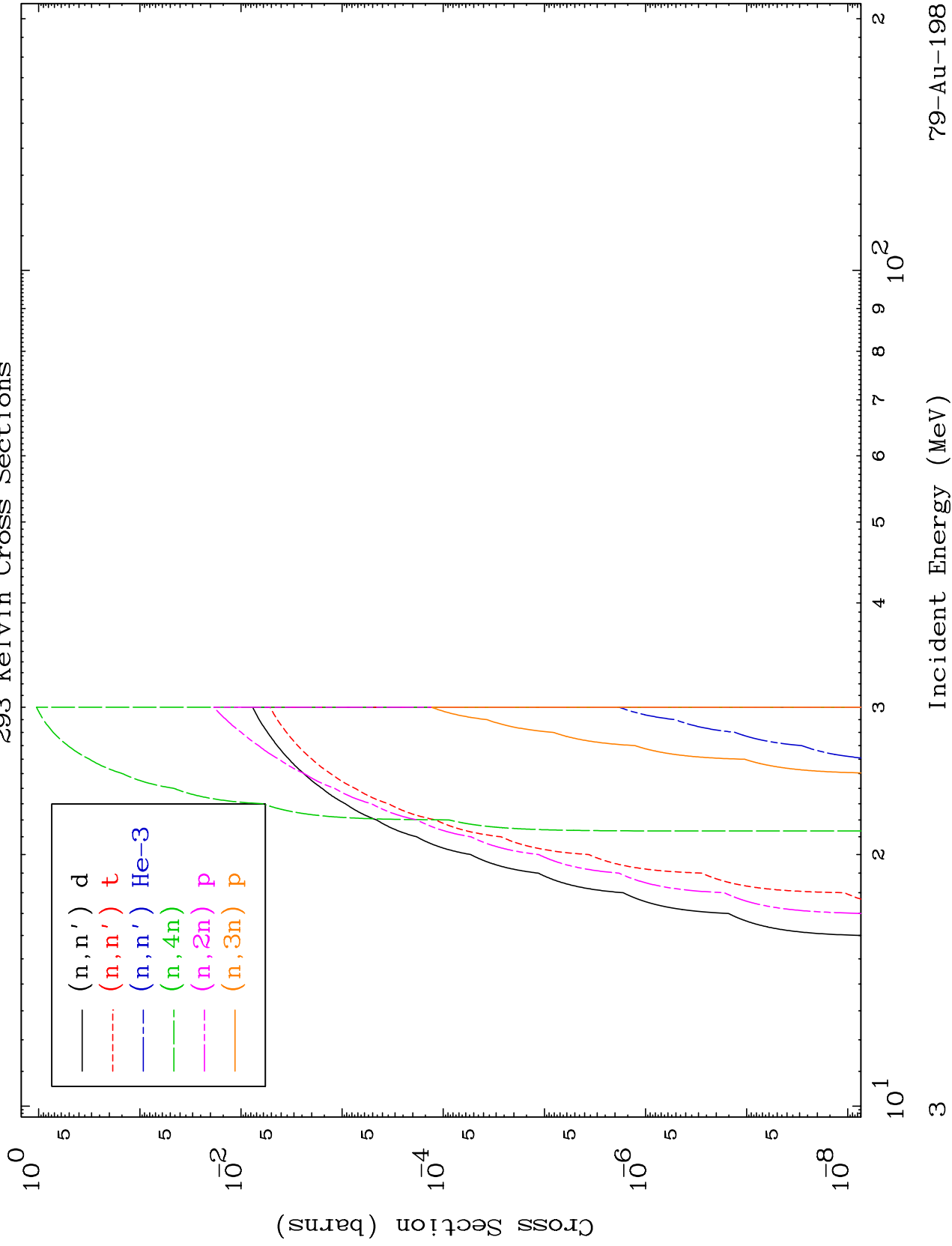


MAT 7928

Neutron Production
293 Kelvin Cross Sections

79-Au-198

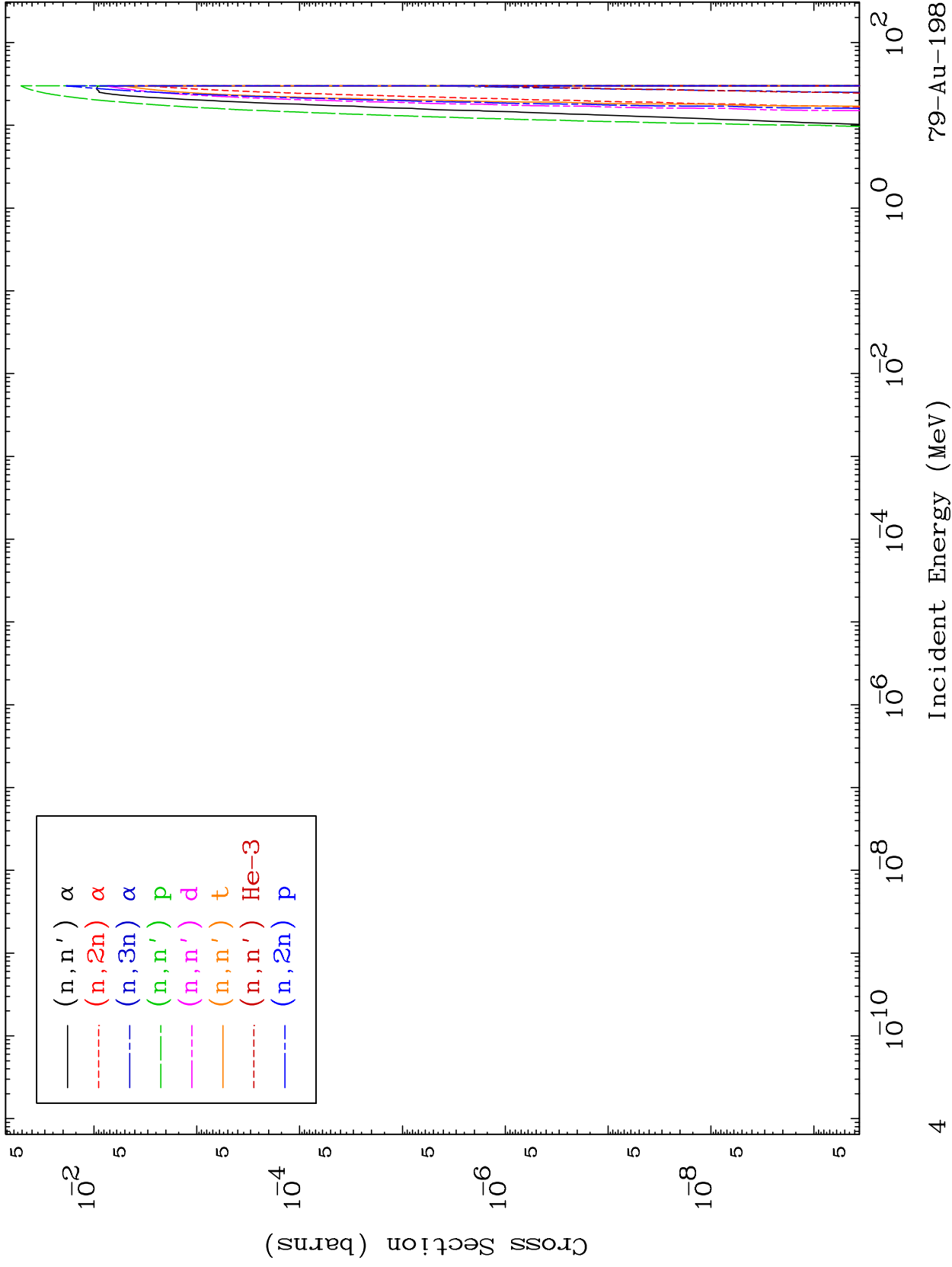




MAT 7928

Charged Particle
293 Kelvin Cross Sections

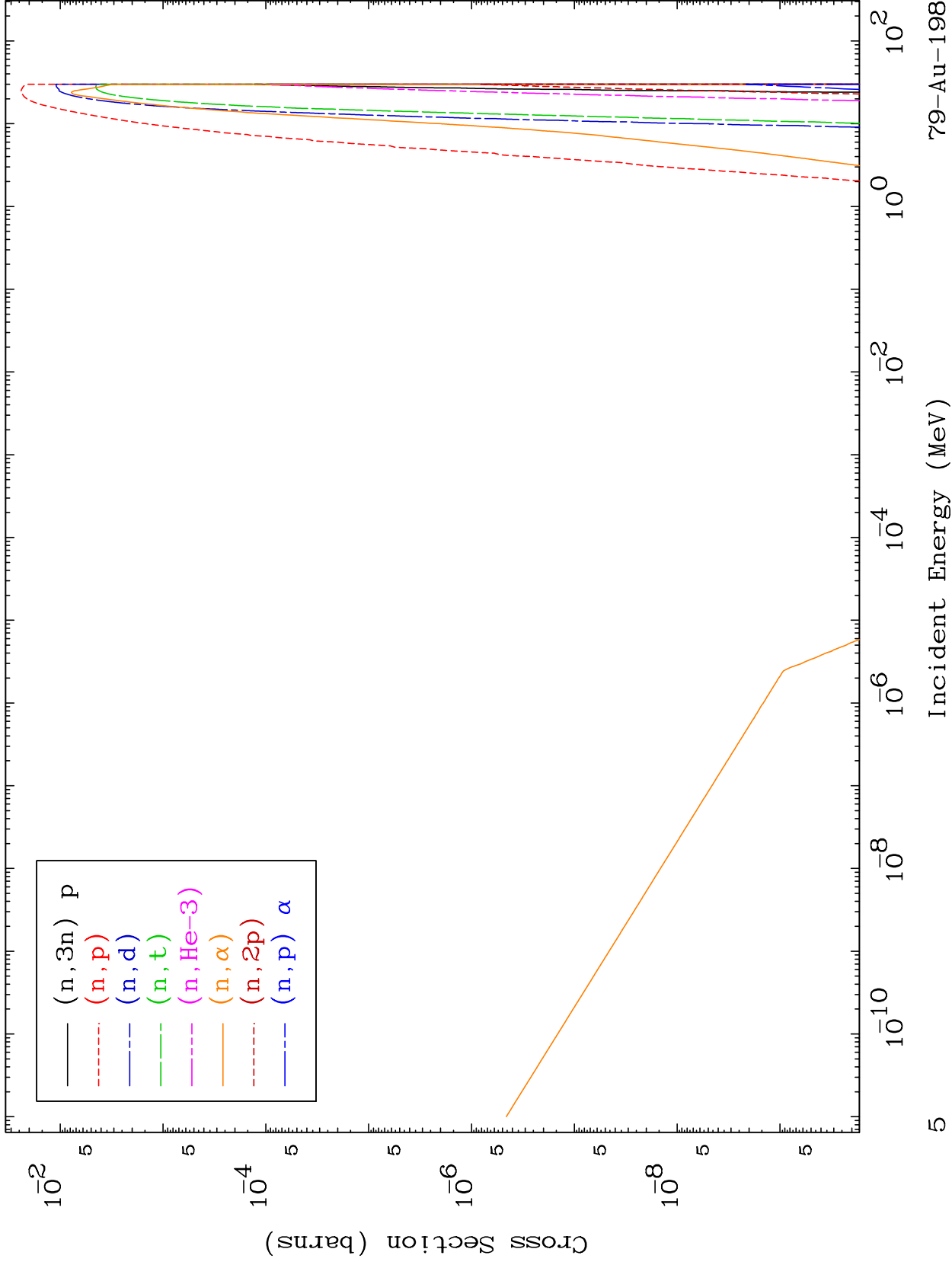
79-Au-198



MAT 7928

Charged Particle
293 Kelvin Cross Sections

79-Au-198

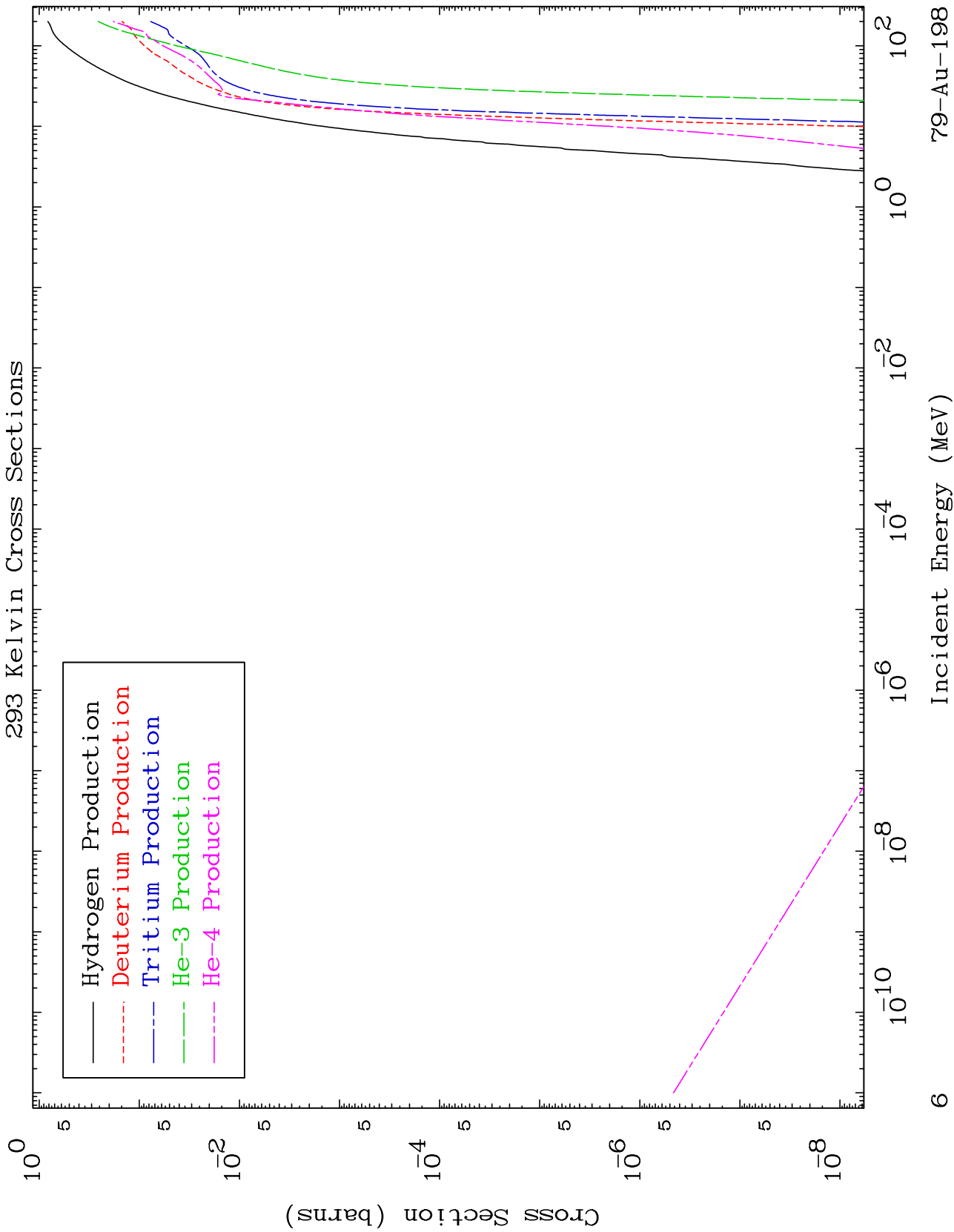


5

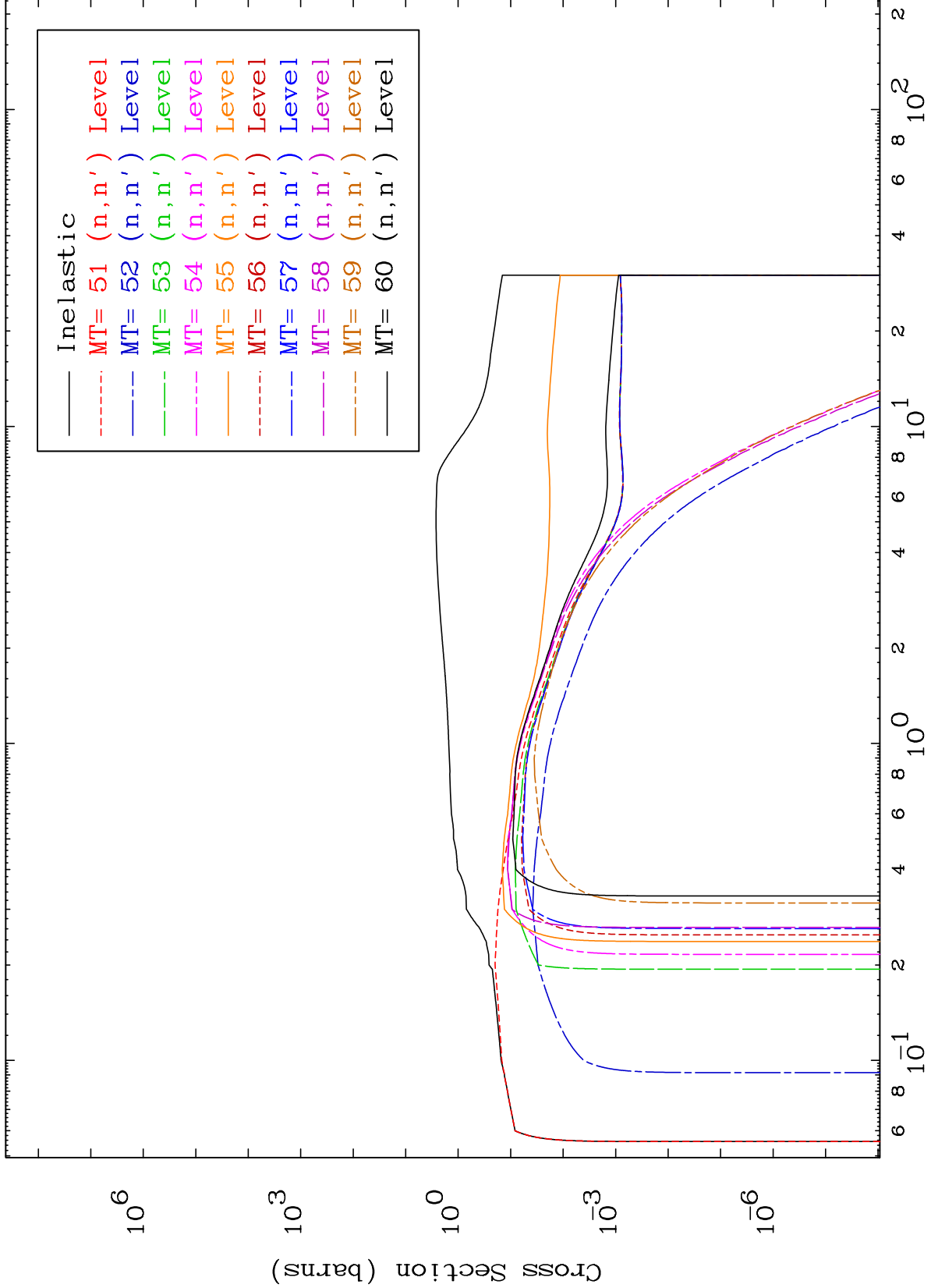
MAT 7928

Particle Production
293 Kelvin Cross Sections

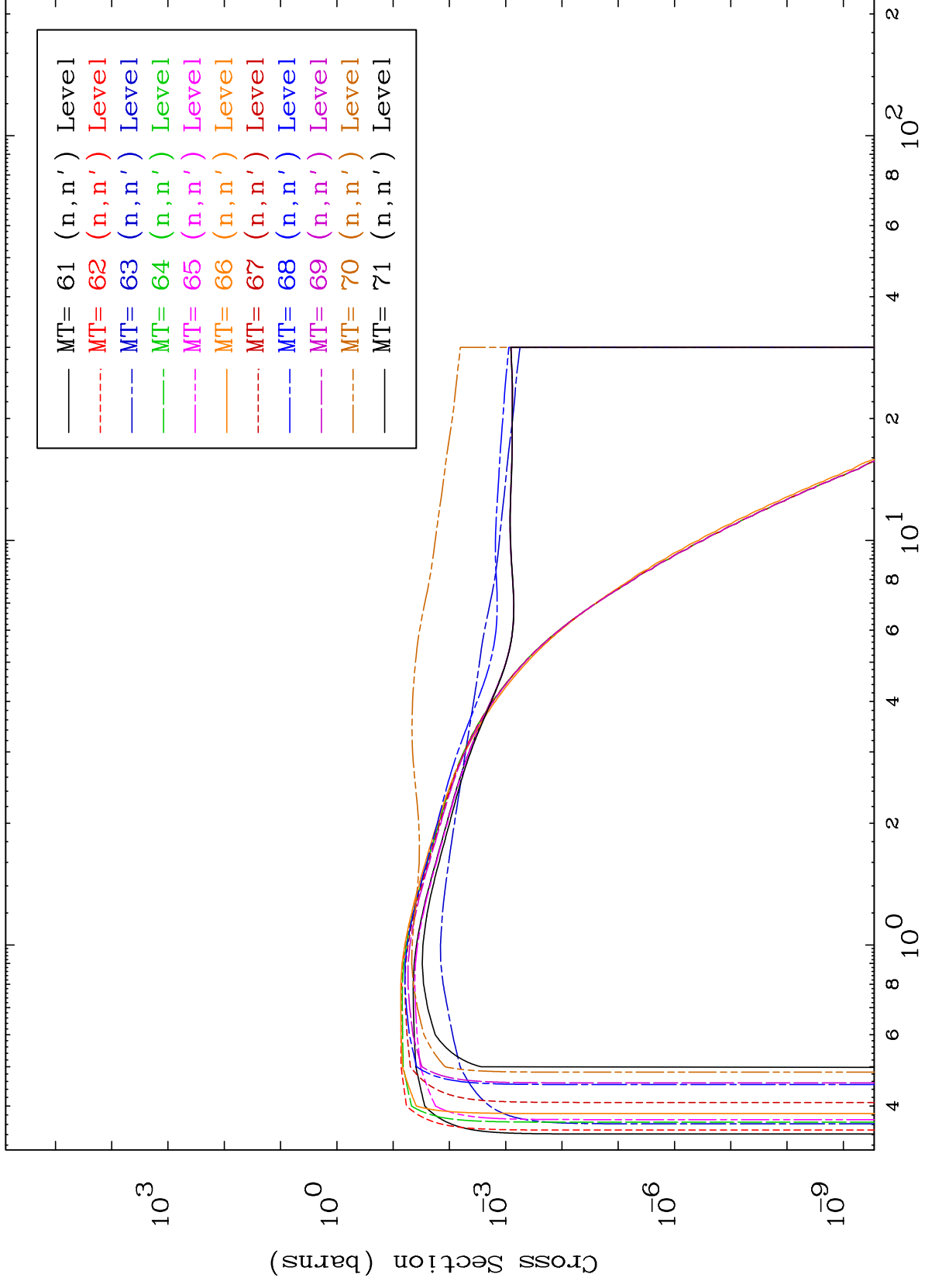
79-Au-198



293 Kelvin Cross Sections



293 Kelvin Cross Sections

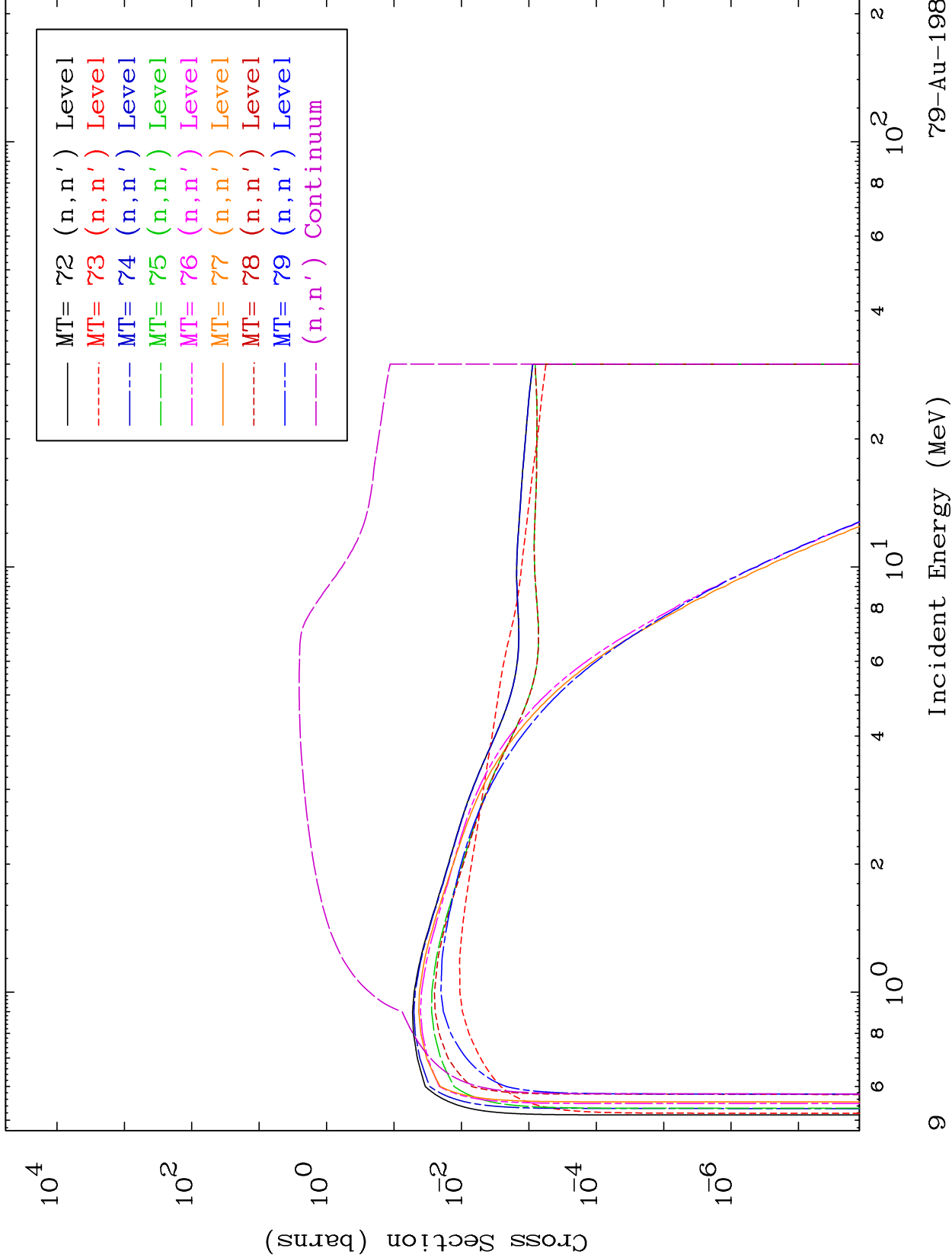


MAT 7928

(n,n') Level

79-Au-198

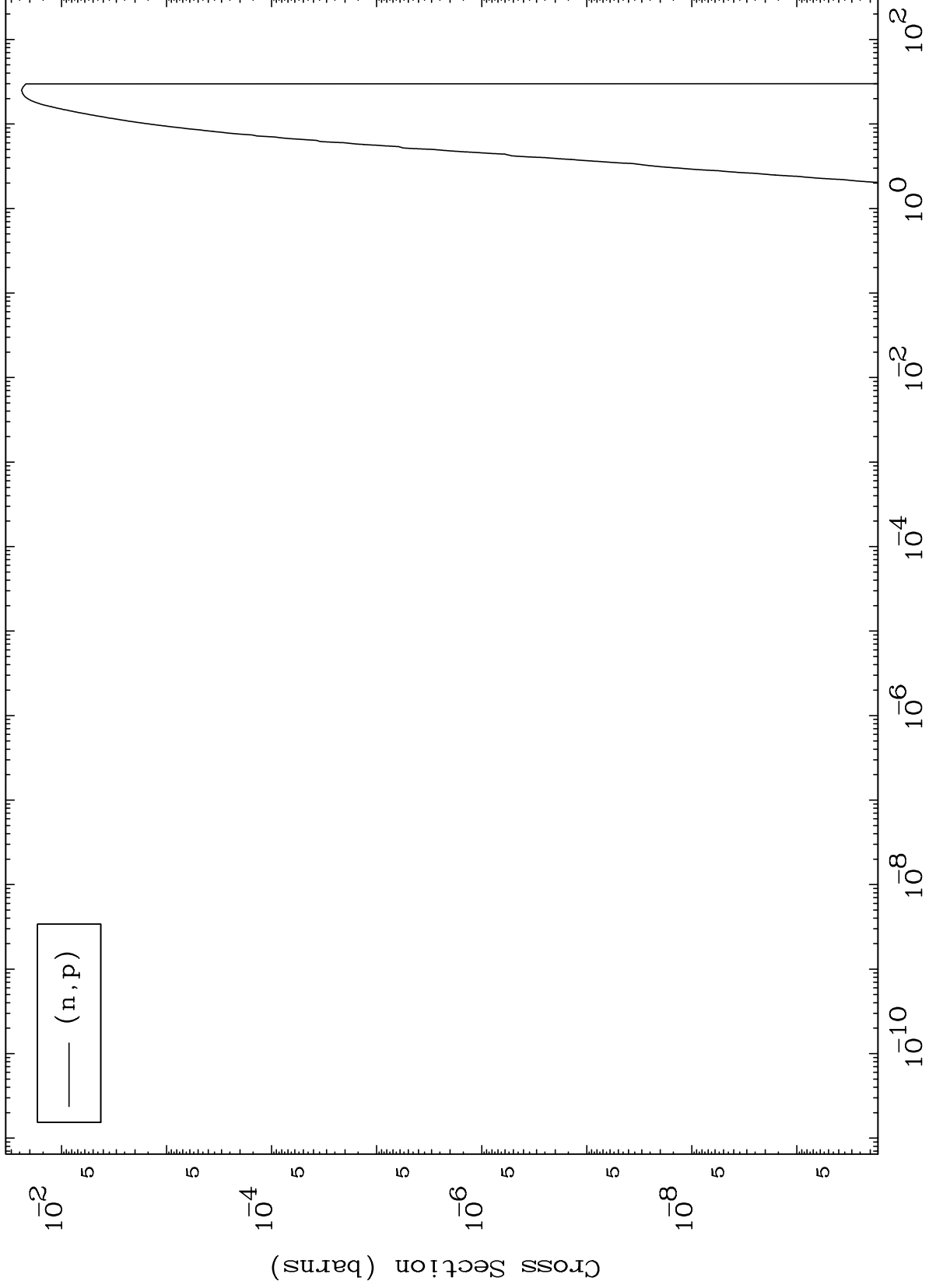
293 Kelvin Cross Sections



MAT 7928

(n,p) Levels
293 Kelvin Cross Sections

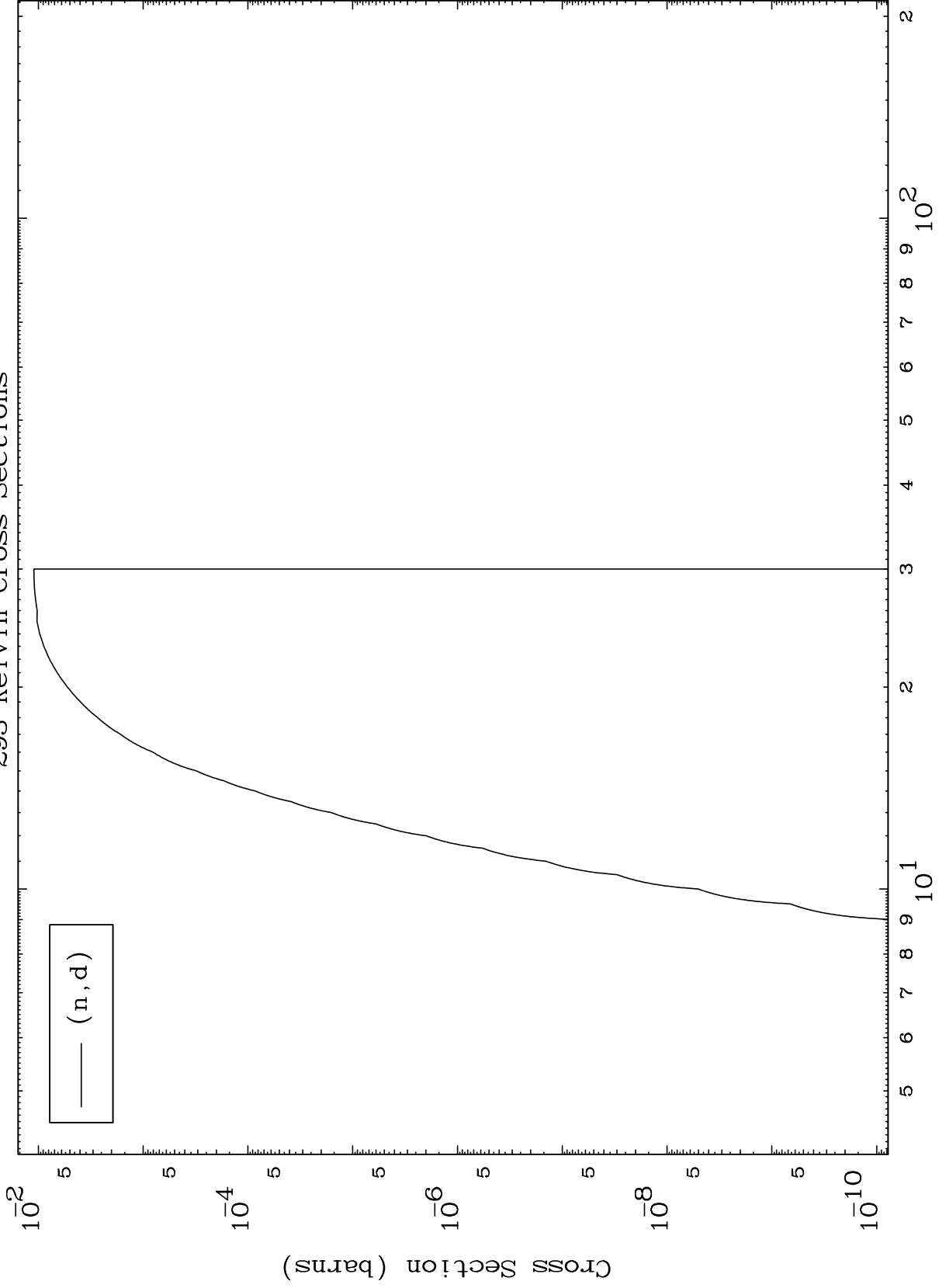
79-Au-198



10

Incident Energy (MeV)

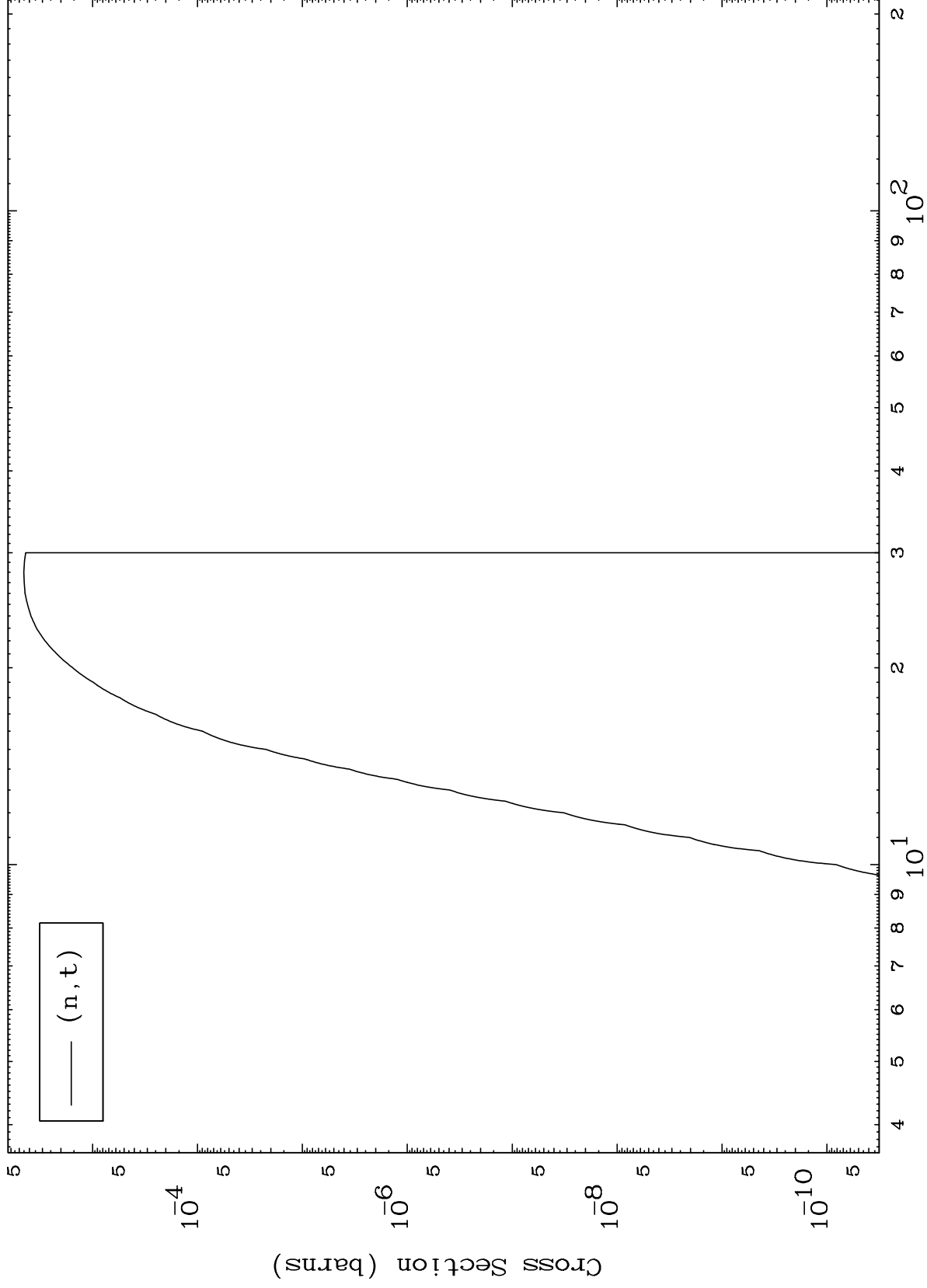
79-Au-198



MAT 7928

(n,t) Levels
293 Kelvin Cross Sections

79-Au-198



12

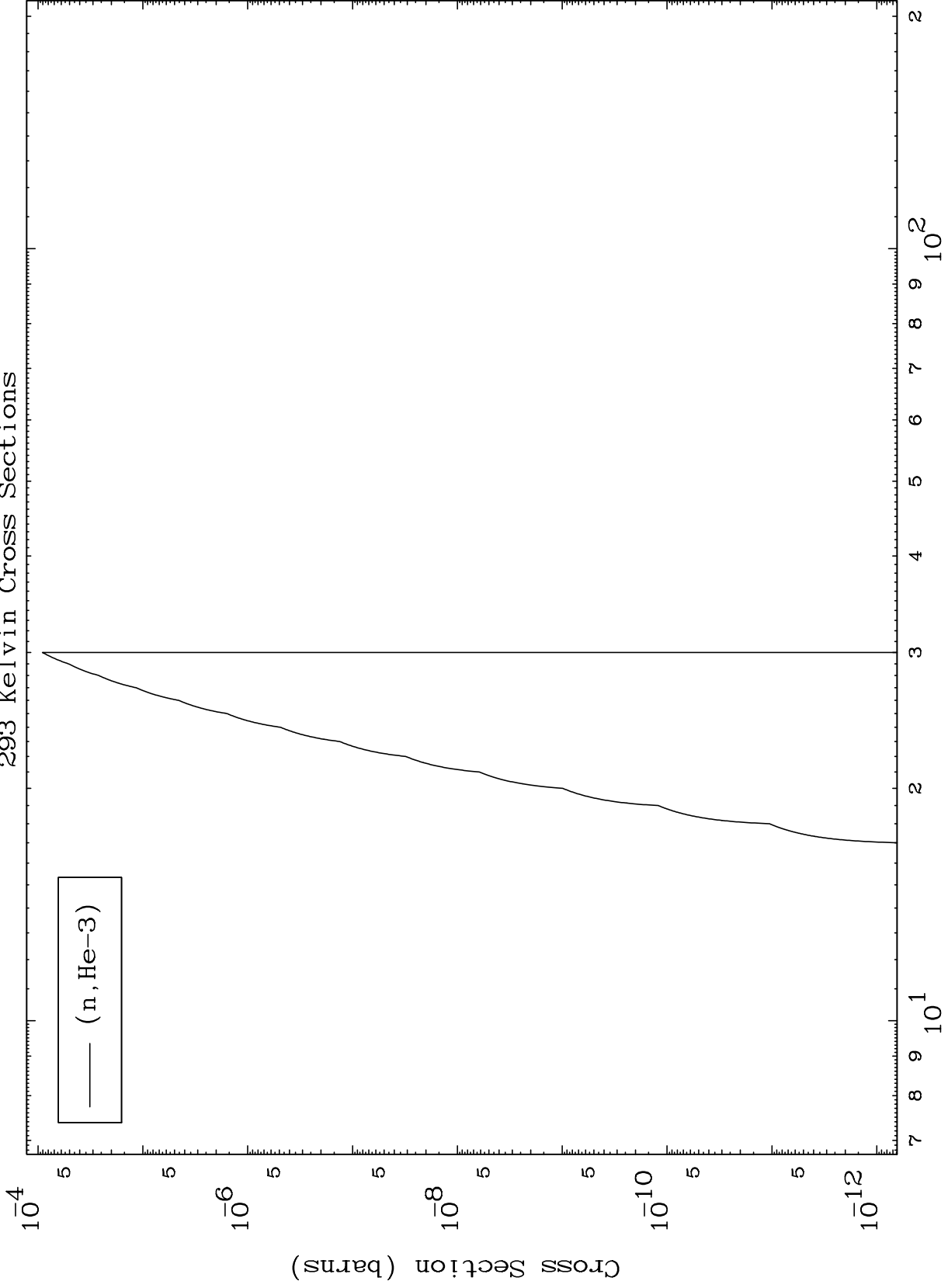
Incident Energy (MeV)

79-Au-198

MAT 7928

(n,He3) Levels
293 Kelvin Cross Sections

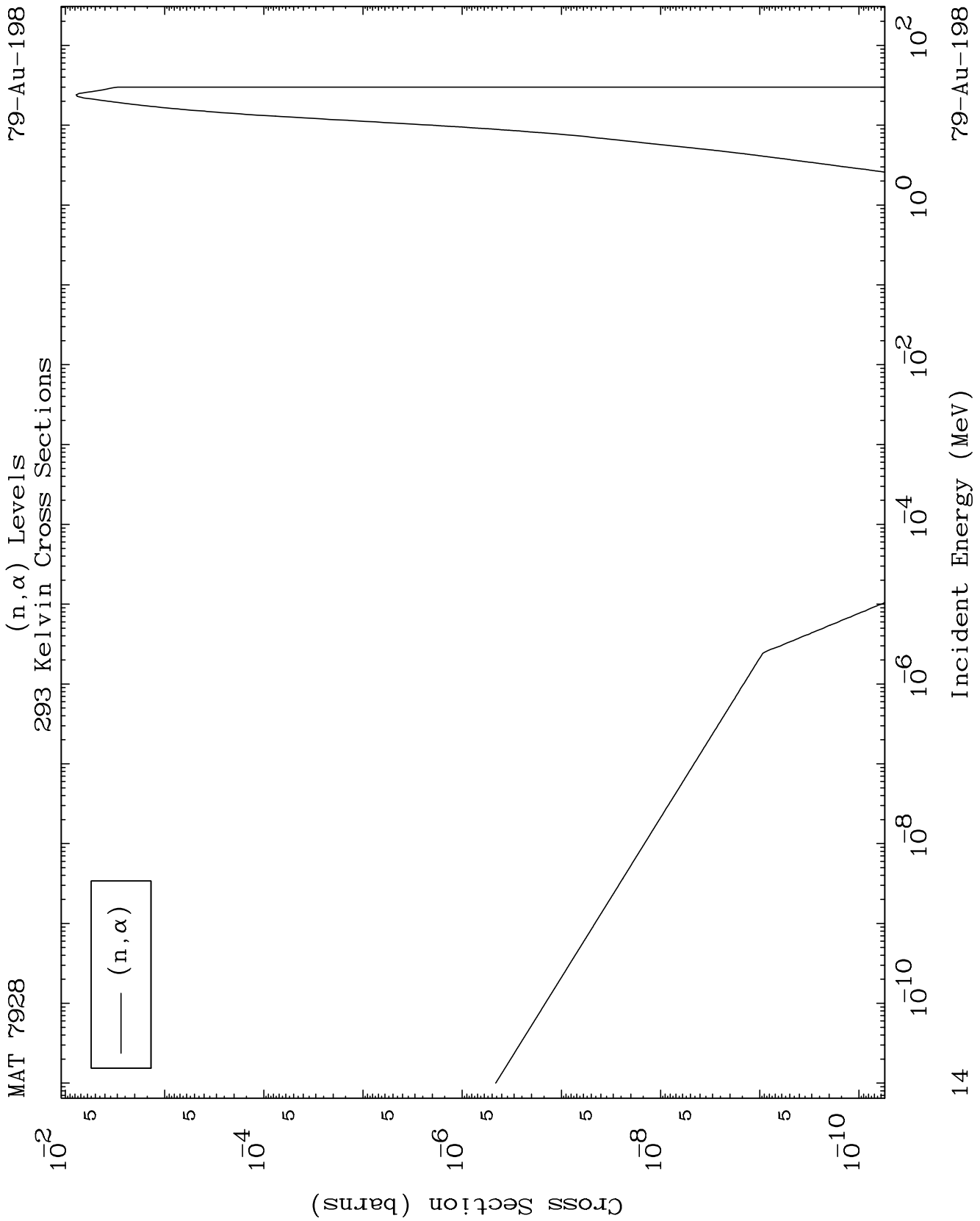
79-Au-198

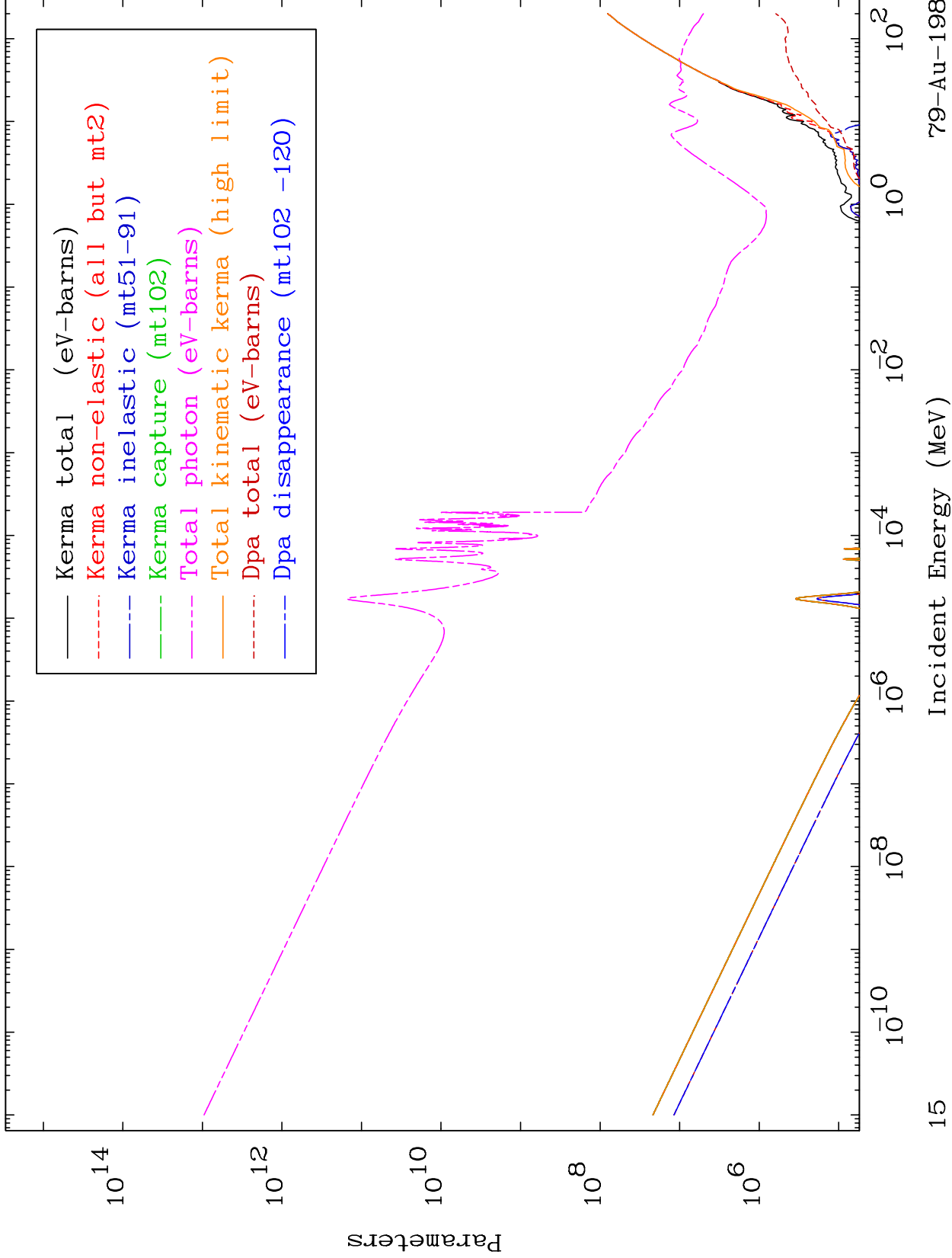


13

Incident Energy (MeV)

79-Au-198

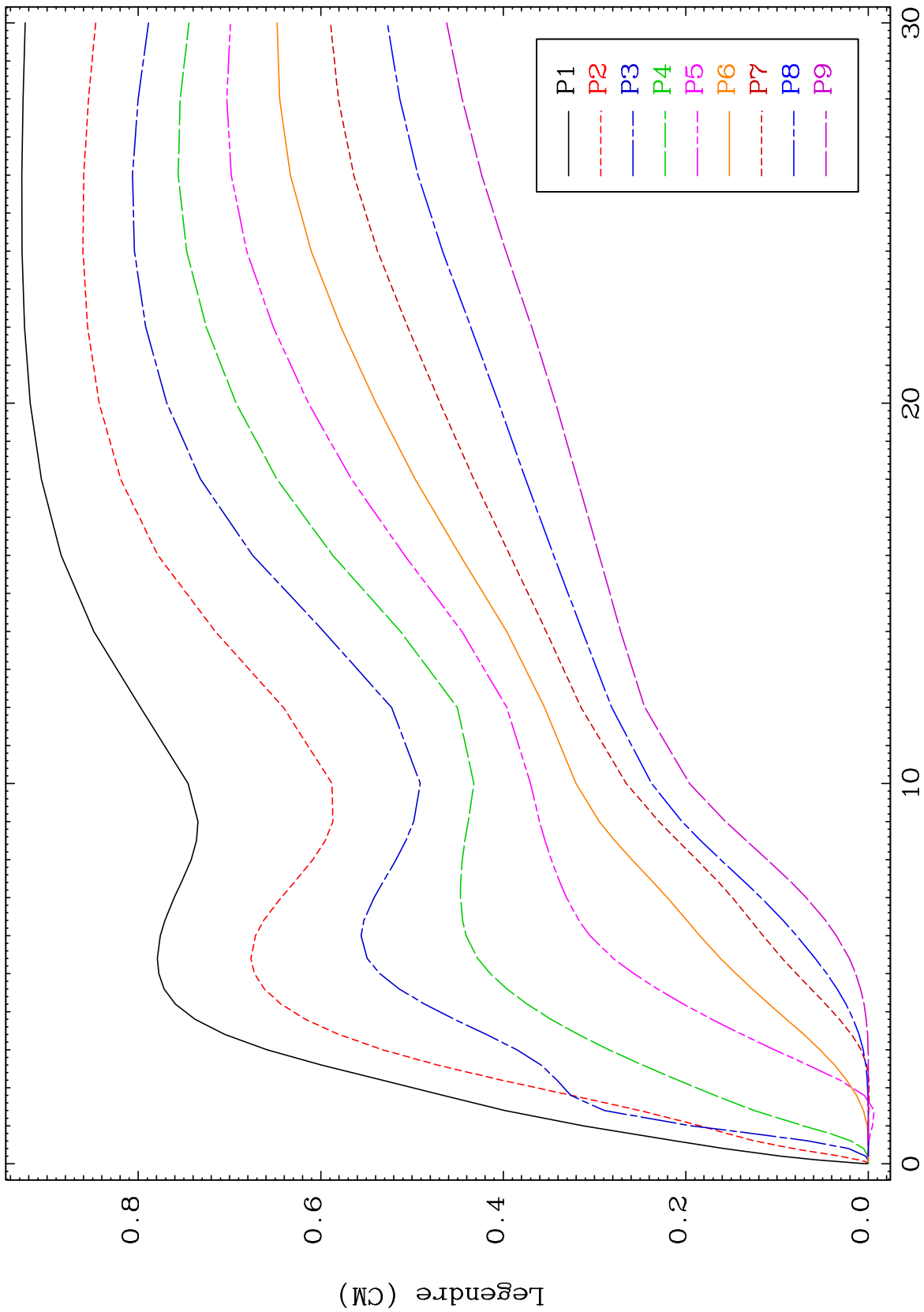




MAT 7928

79-Au-198

Elastic Legendre Coefficients



79-Au-198

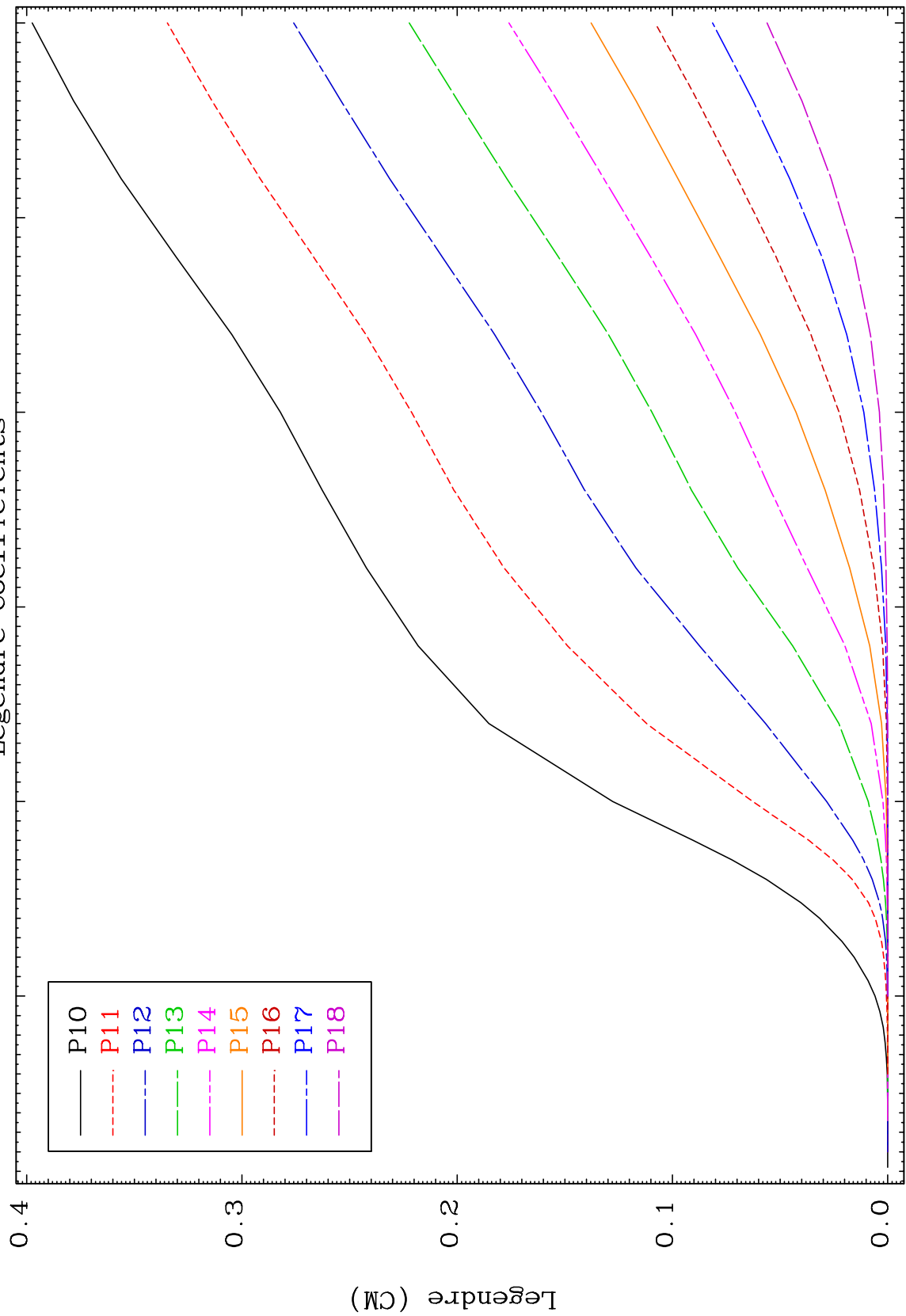
Incident Energy (MeV)

16

MAT 7928

Elastic Legendre Coefficients

79-Au-198



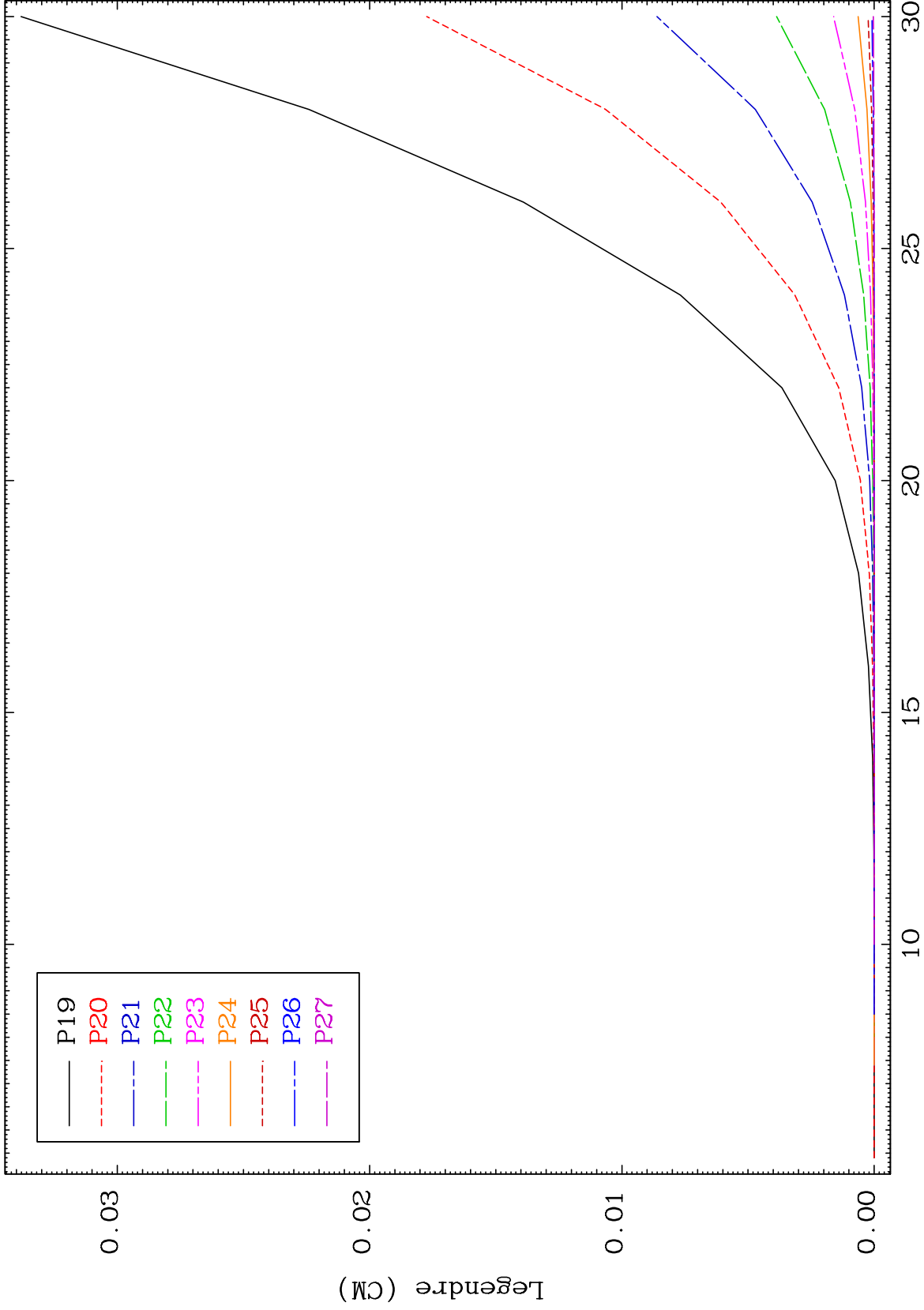
17

79-Au-198

MAT 7928

Elastic Legendre Coefficients

79-Au-198



18

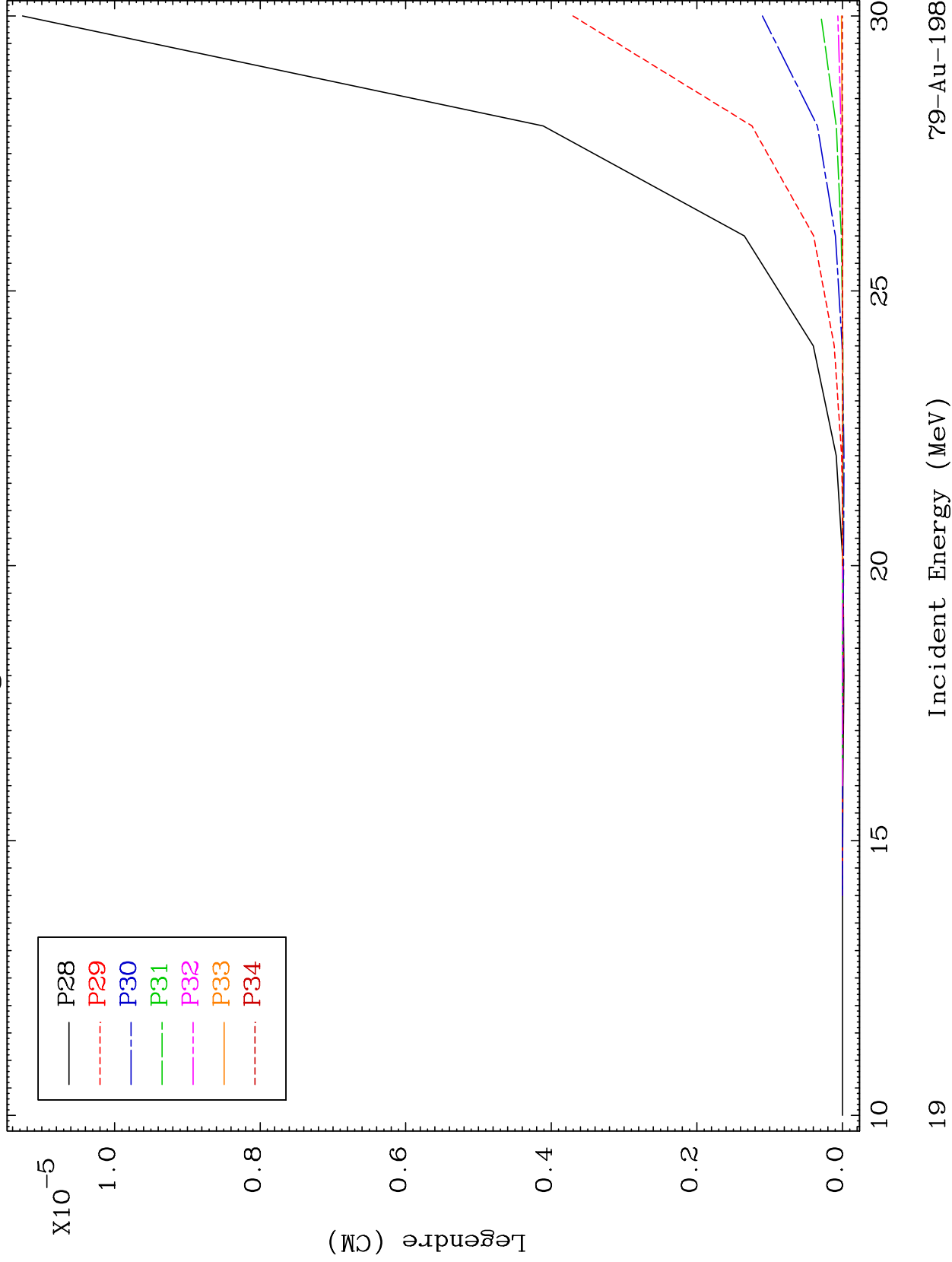
Incident Energy (MeV)

79-Au-198

MAT 7928

Elastic Legendre Coefficients

79-Au-198



79-Au-198

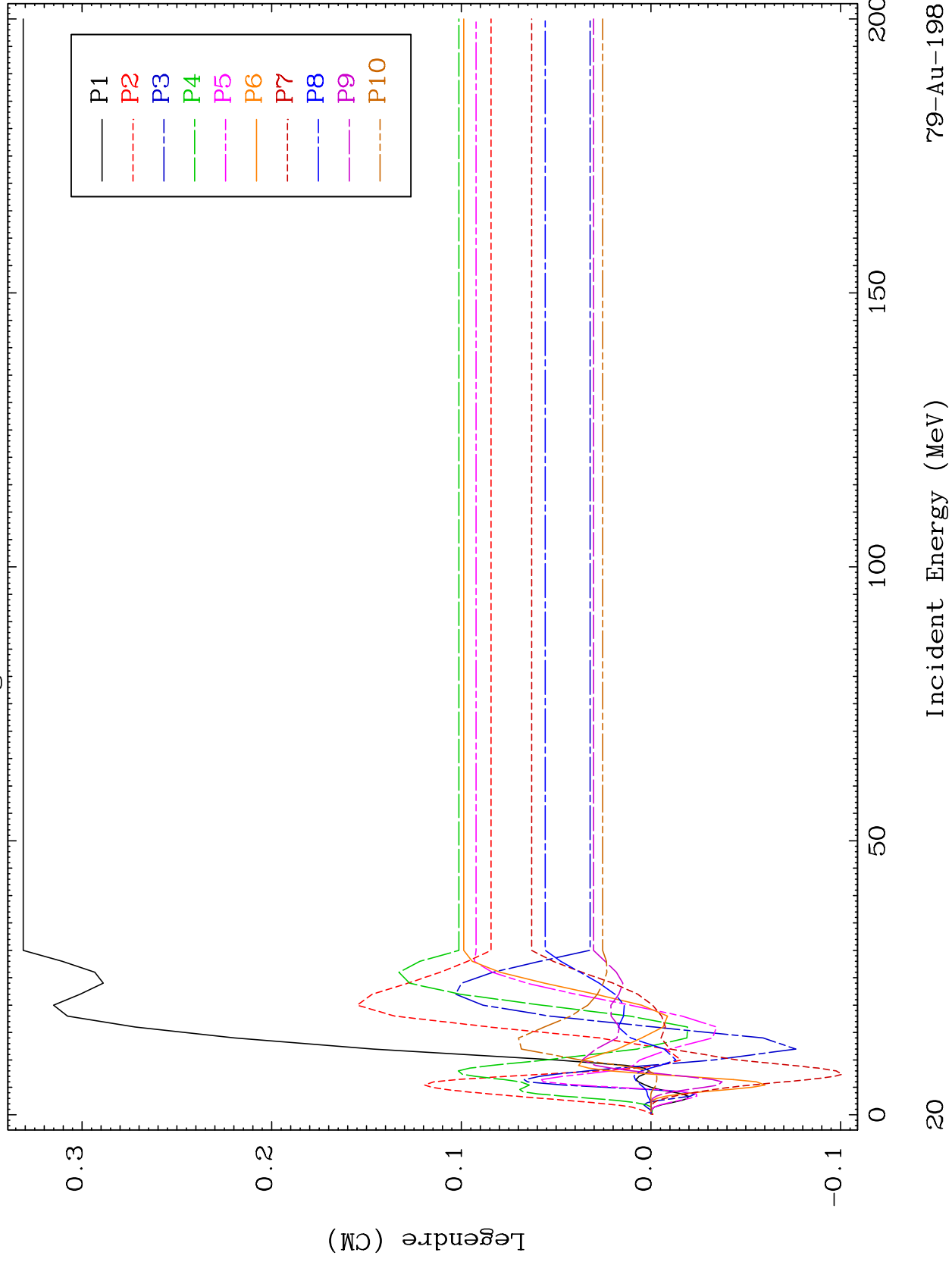
Incident Energy (MeV)

19

MAT 7928

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

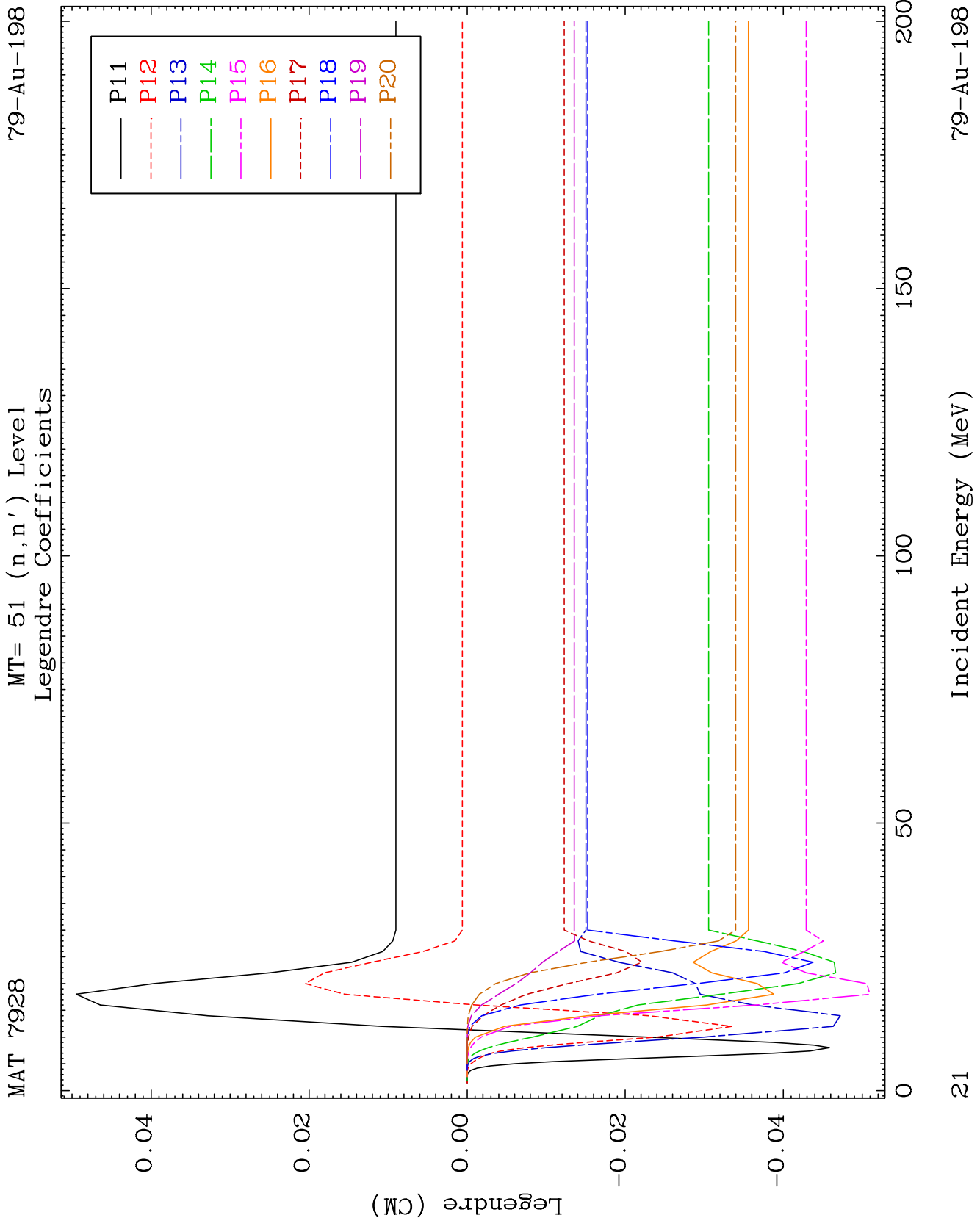
79-Au-198



79-Au-198

Incident Energy (MeV)

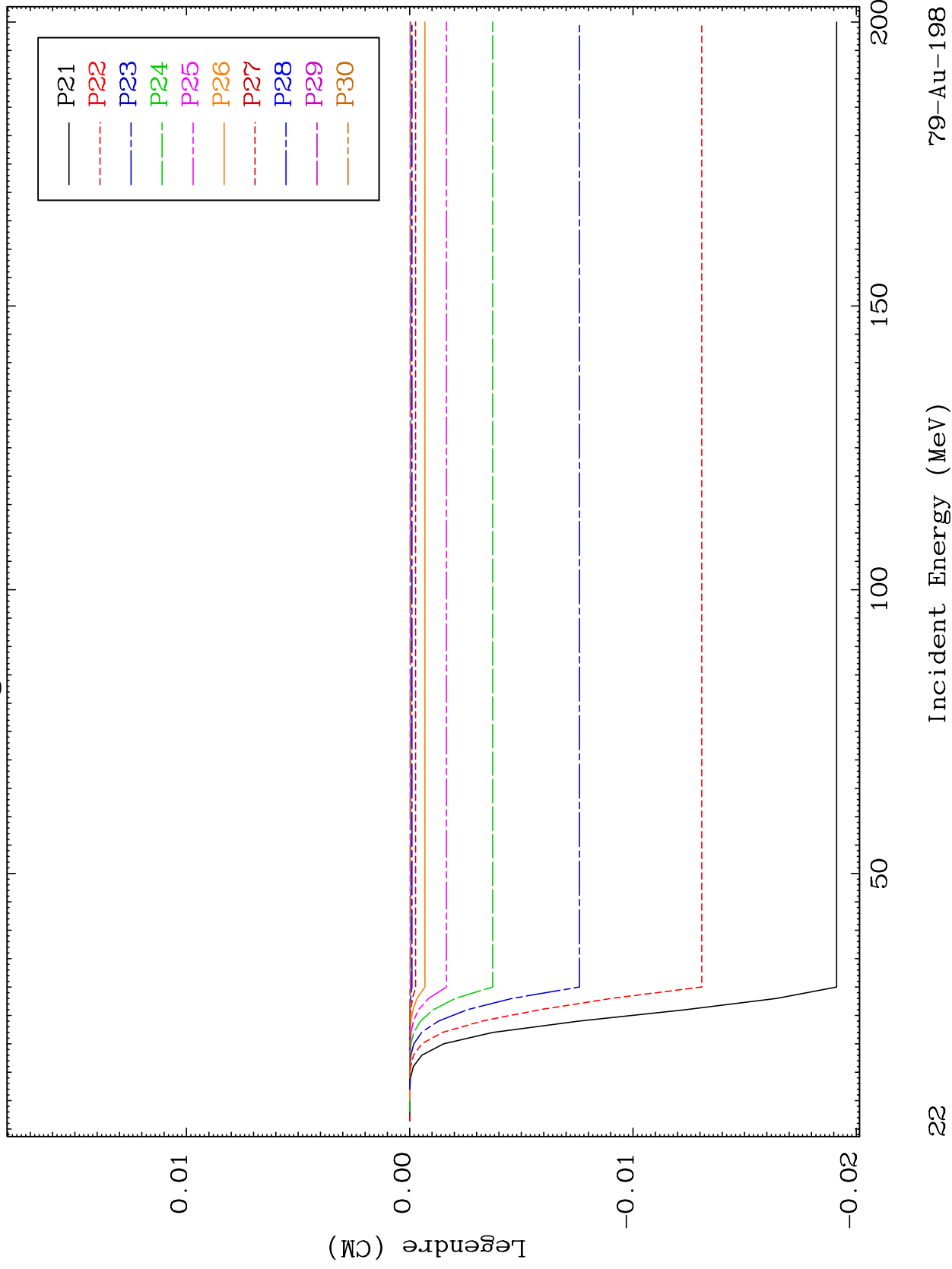
20



MAT 7928

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

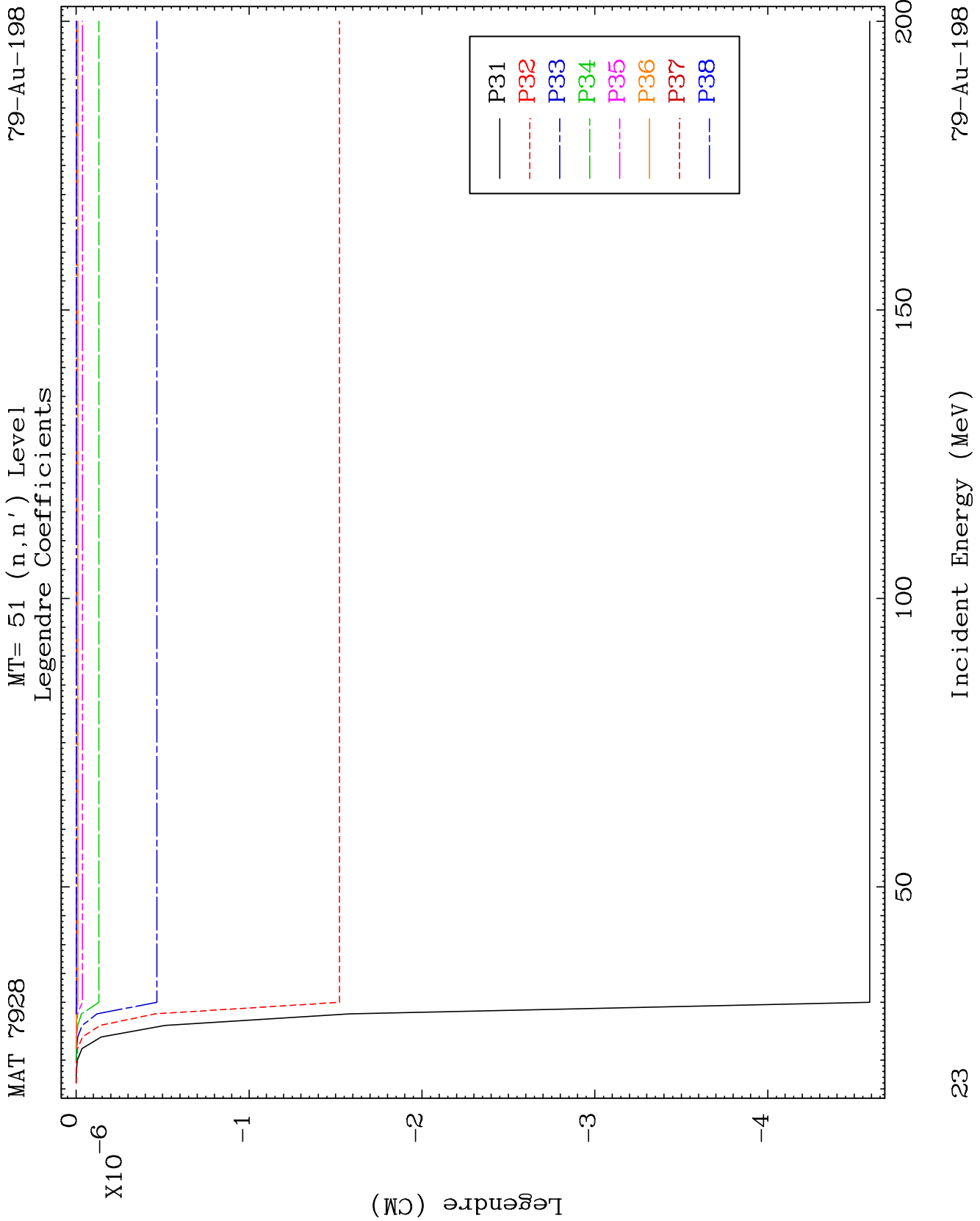
79-Au-198

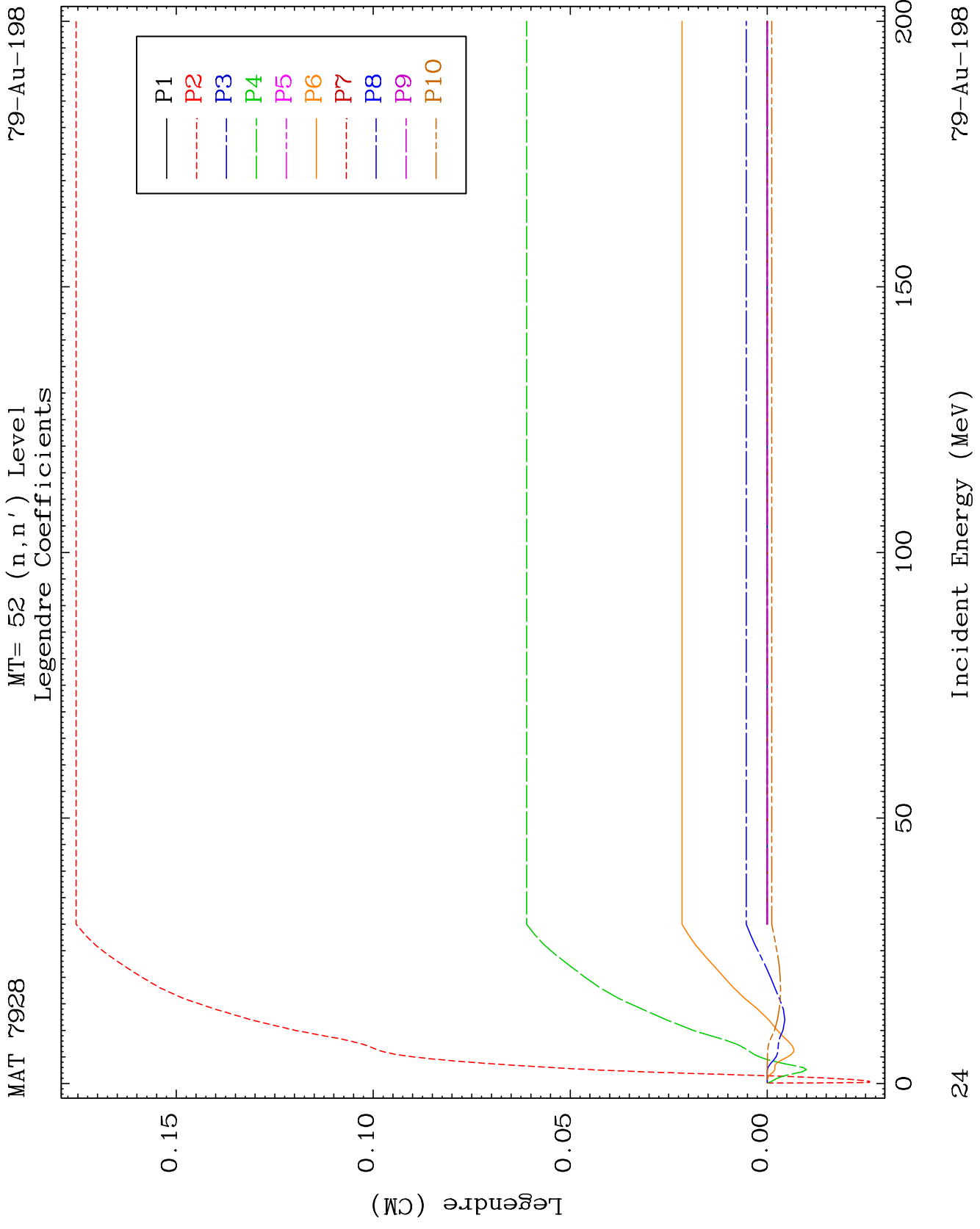


22

Incident Energy (MeV)

79-Au-198

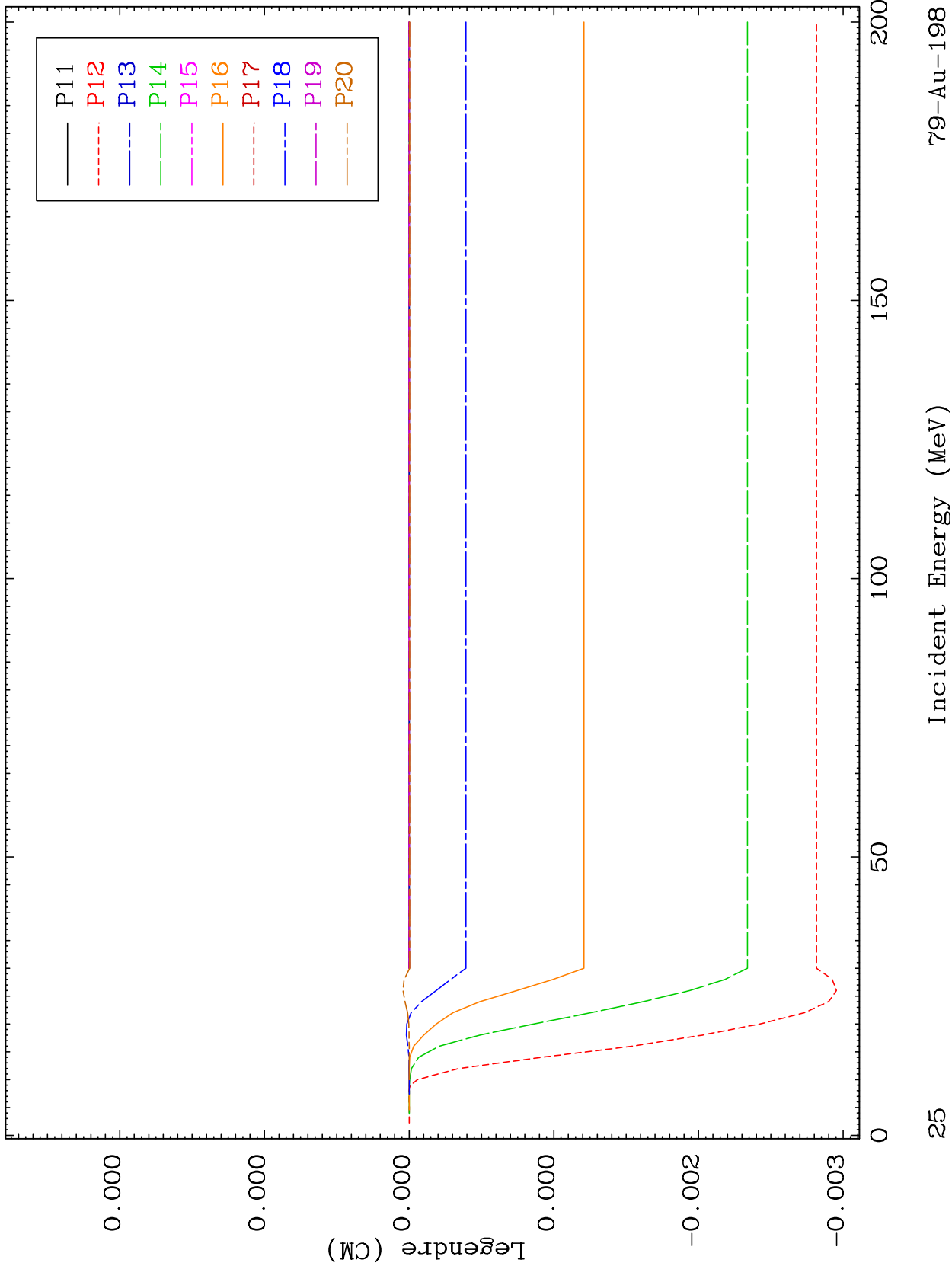




MAT 7928

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

79-Au-198



79-Au-198

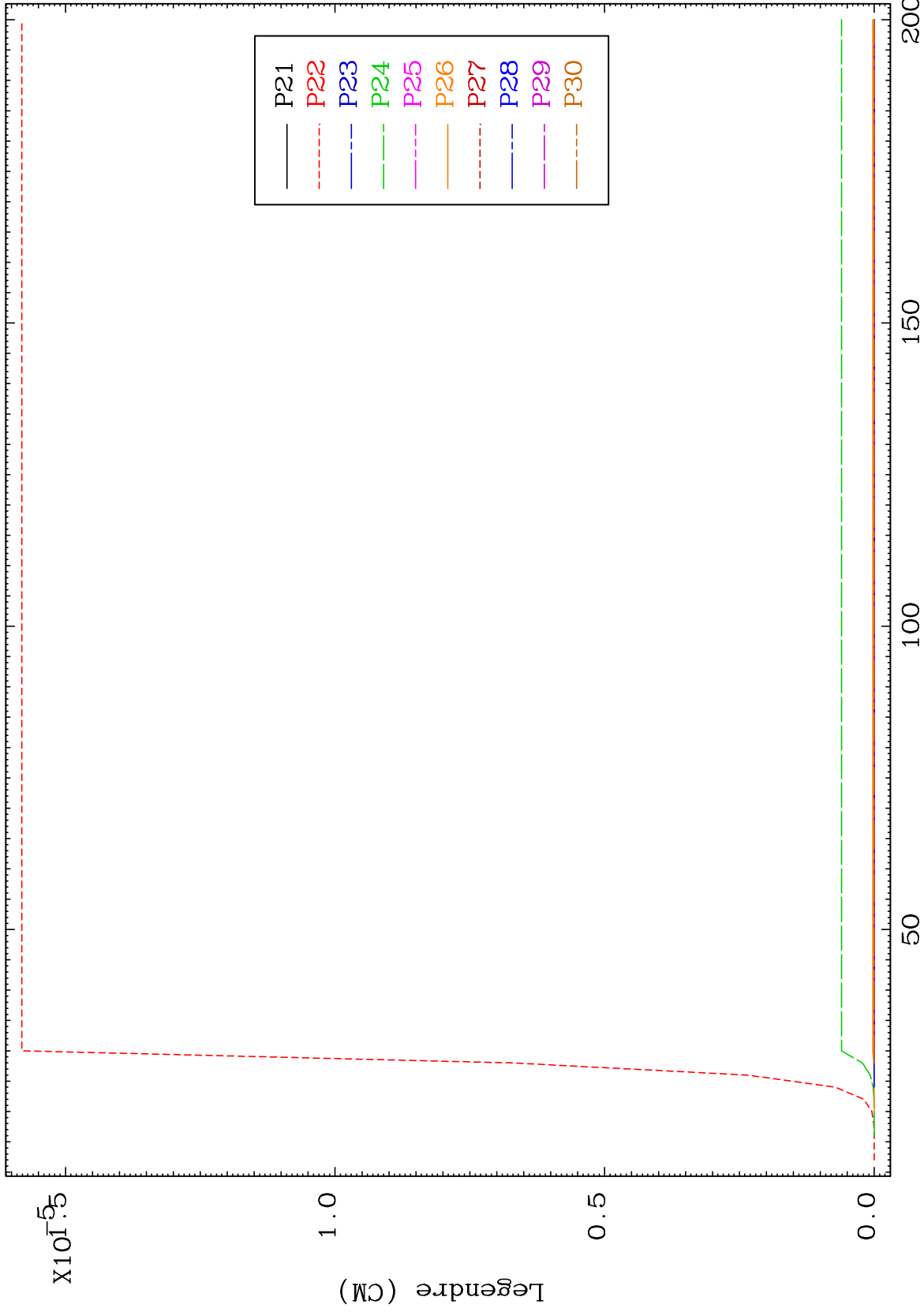
Incident Energy (MeV)

25

MAT 7928

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

79-Au-198



26

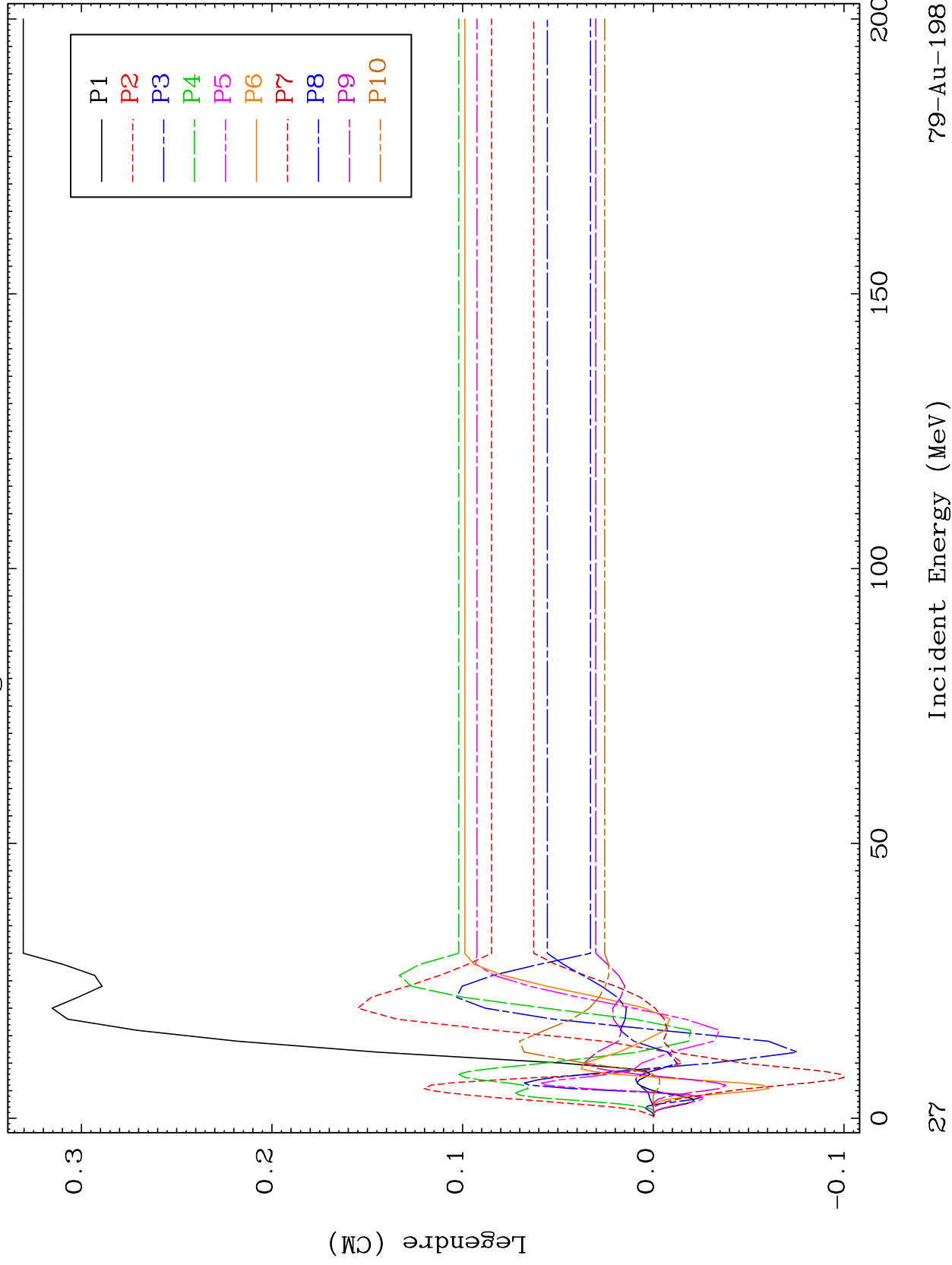
Incident Energy (MeV)

79-Au-198

MAT 7928

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

79-Au-198



79-Au-198

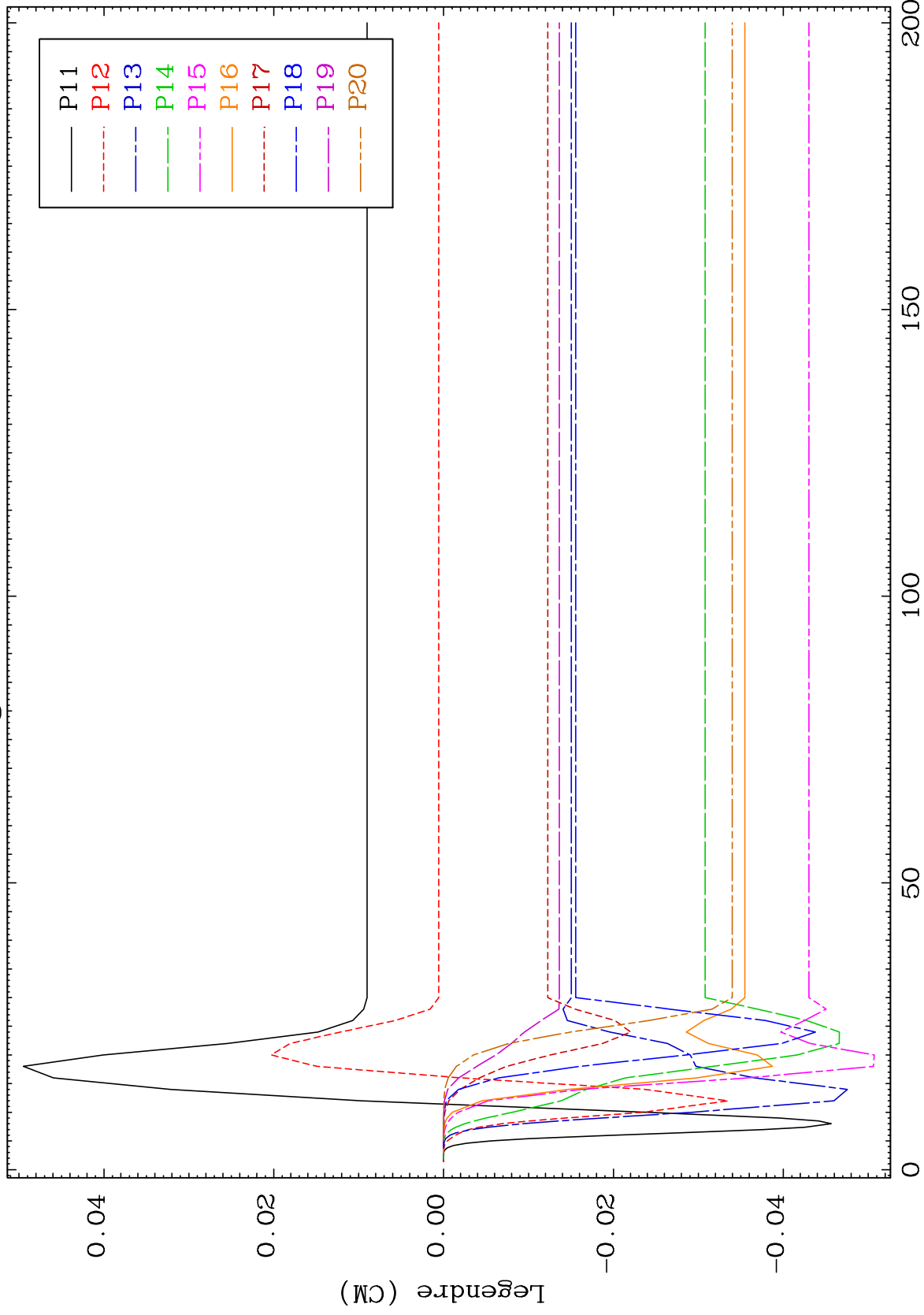
Incident Energy (MeV)

27

MAT 7928

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

79-Au-198



28

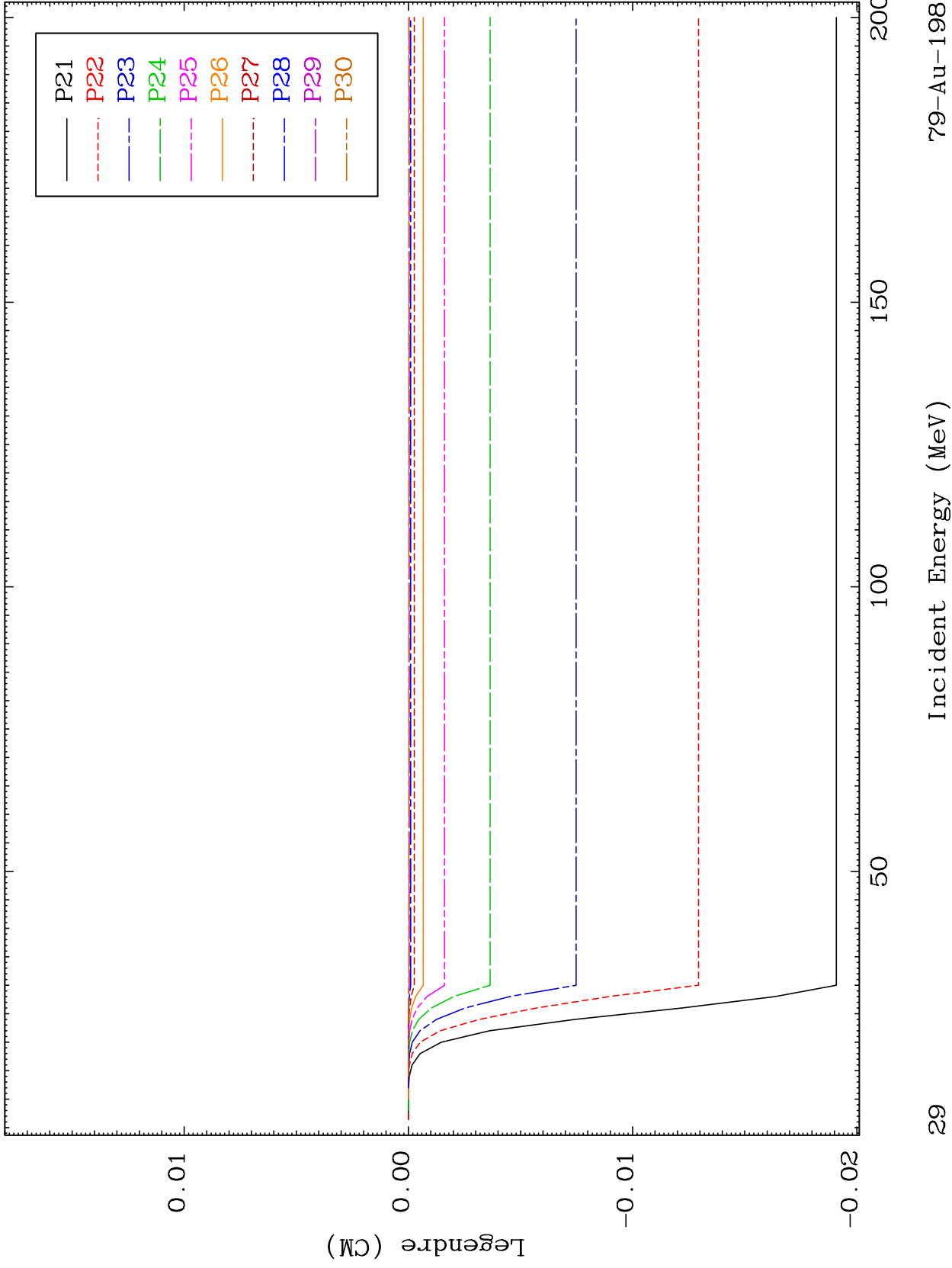
Incident Energy (MeV)

79-Au-198

MAT 7928

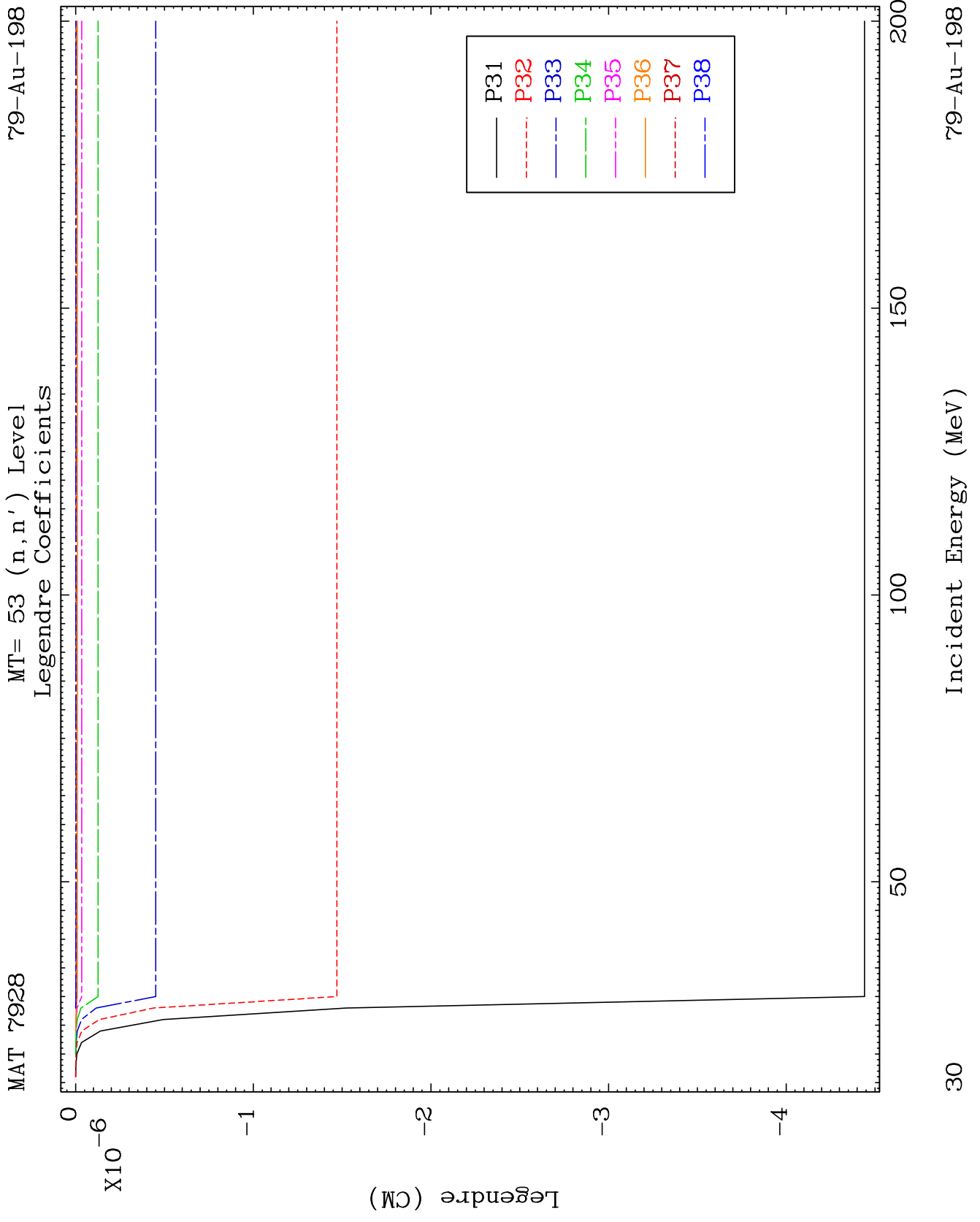
MT= 53 (n,n') Level
Legendre Coefficients

79-Au-198



29

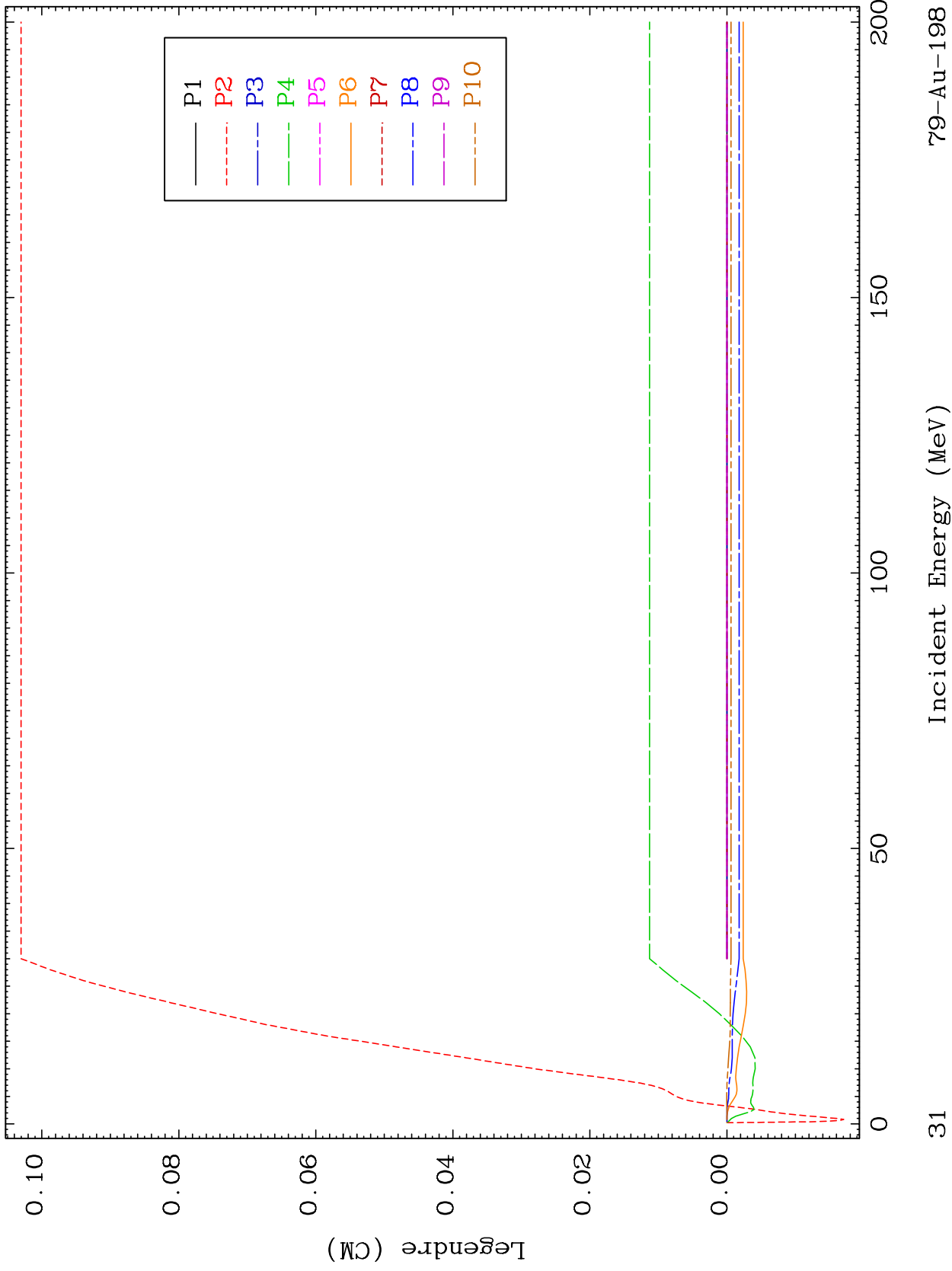
79-Au-198



MAT 7928

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

79-Au-198



31

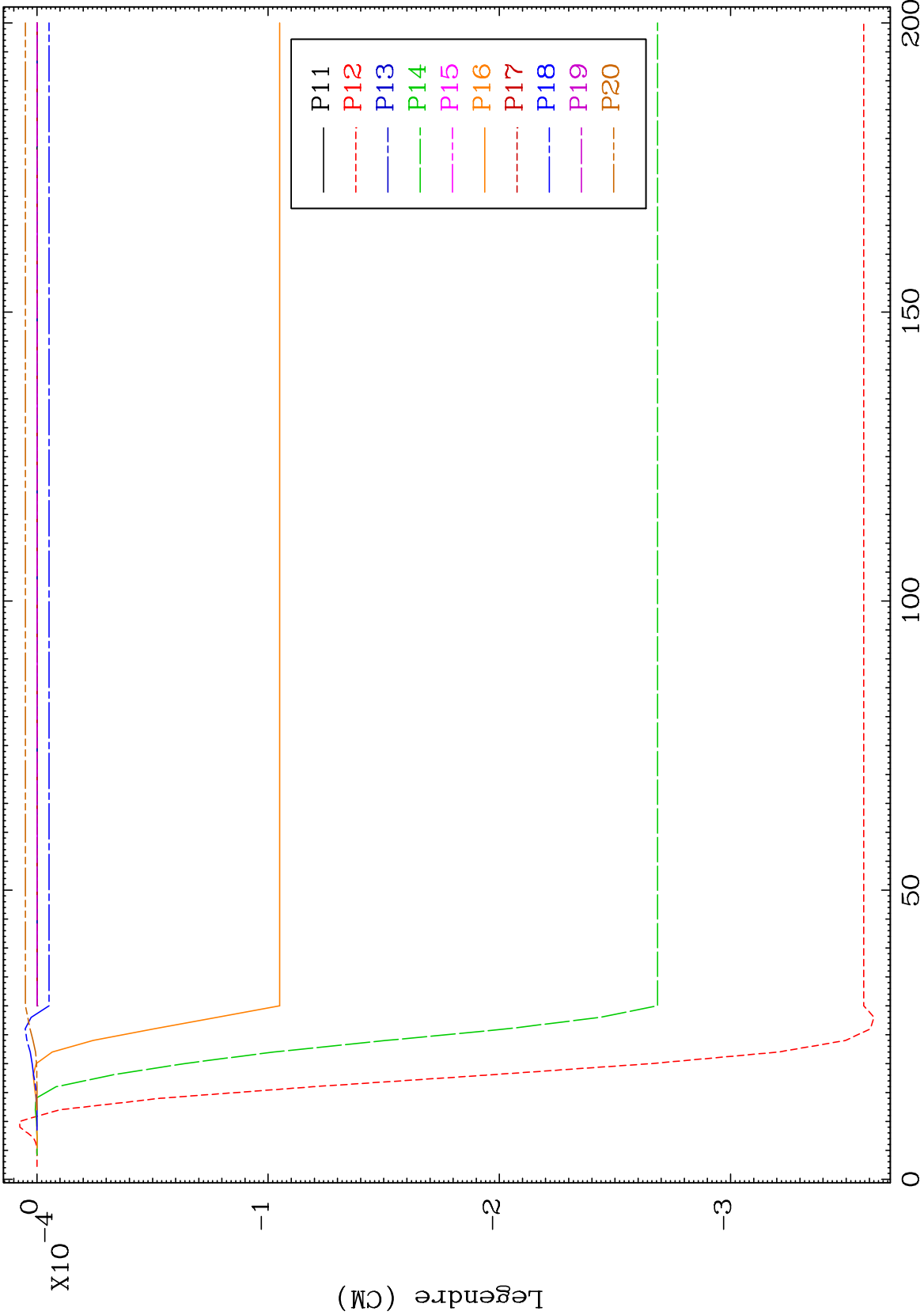
79-Au-198

MAT 7928

MT= 54 (n,n') Level

79-Au-198

Legendre Coefficients



32

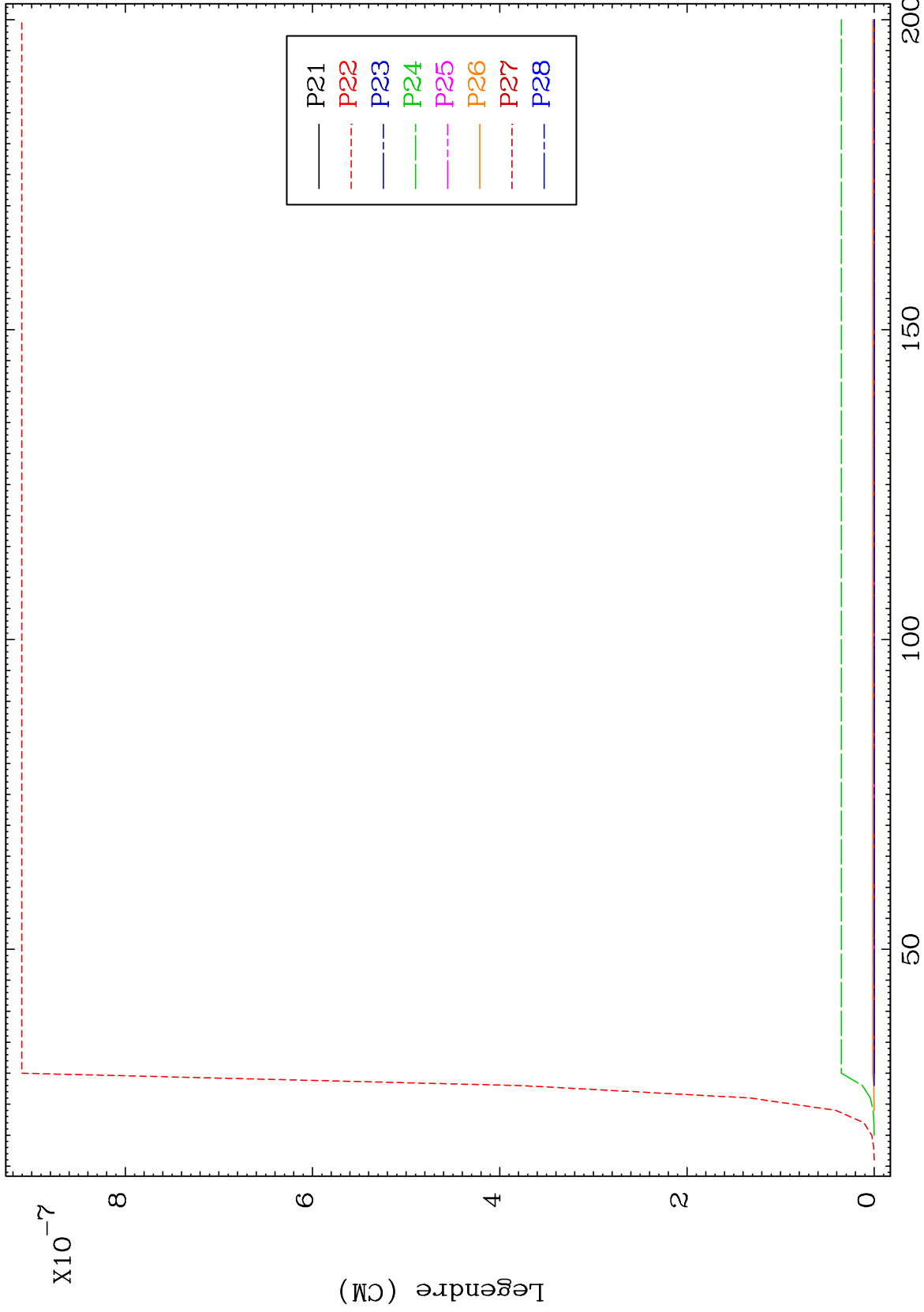
Incident Energy (MeV)

79-Au-198

MAT 7928

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

79-Au-198



33

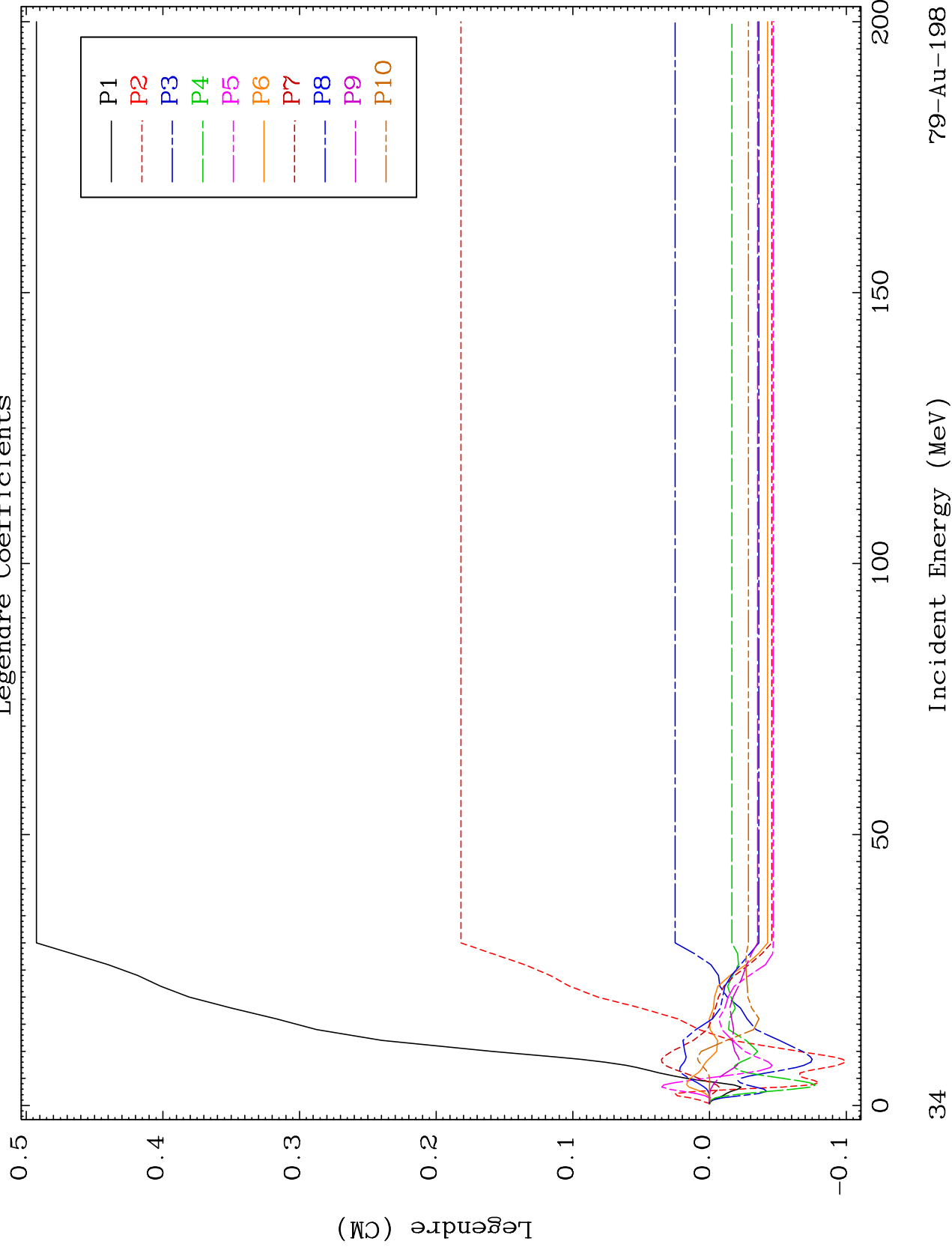
Incident Energy (MeV)

79-Au-198

MAT 7928

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

79-Au-198



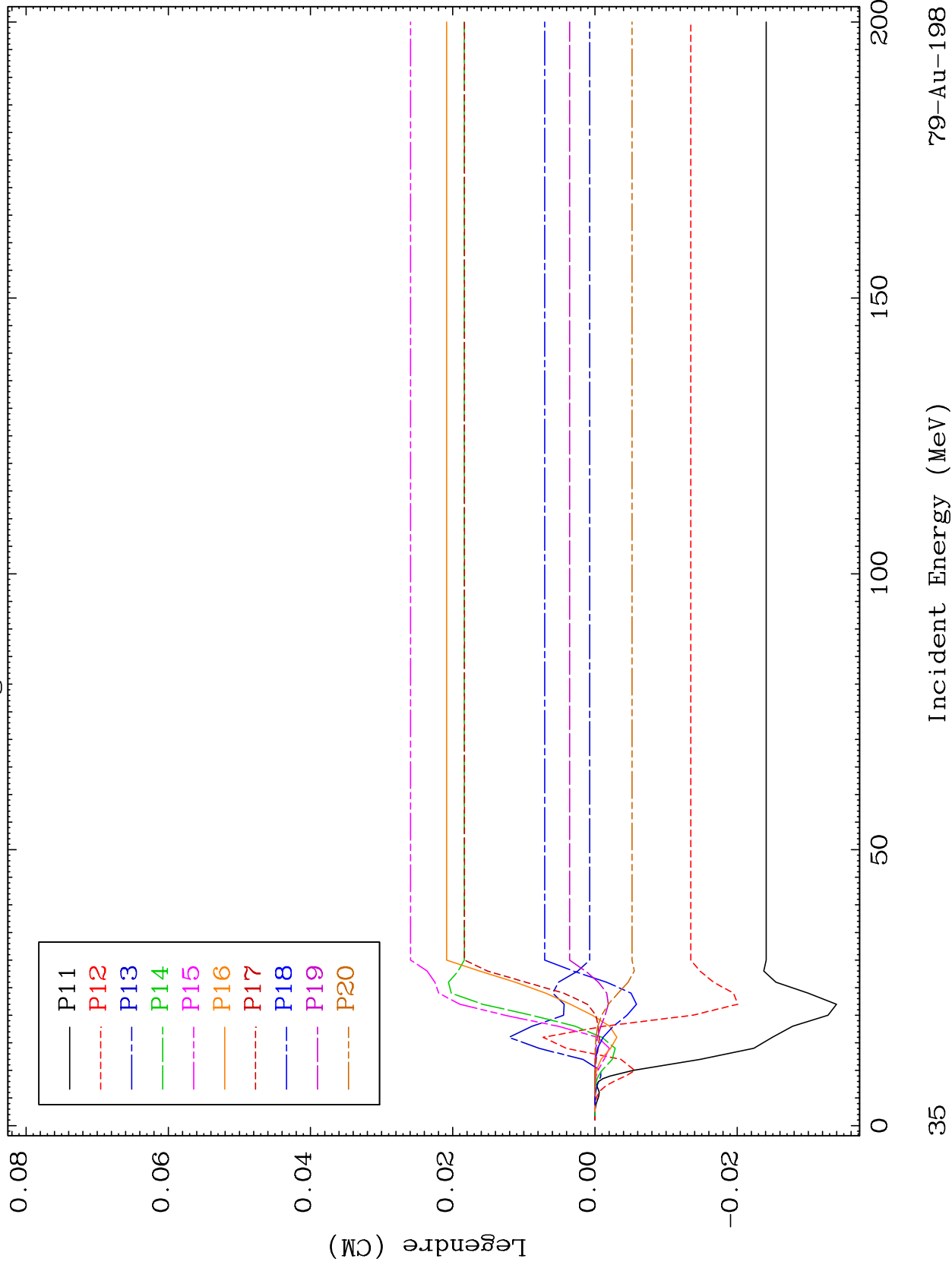
34

79-Au-198

MAT 7928

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

79-Au-198



79-Au-198

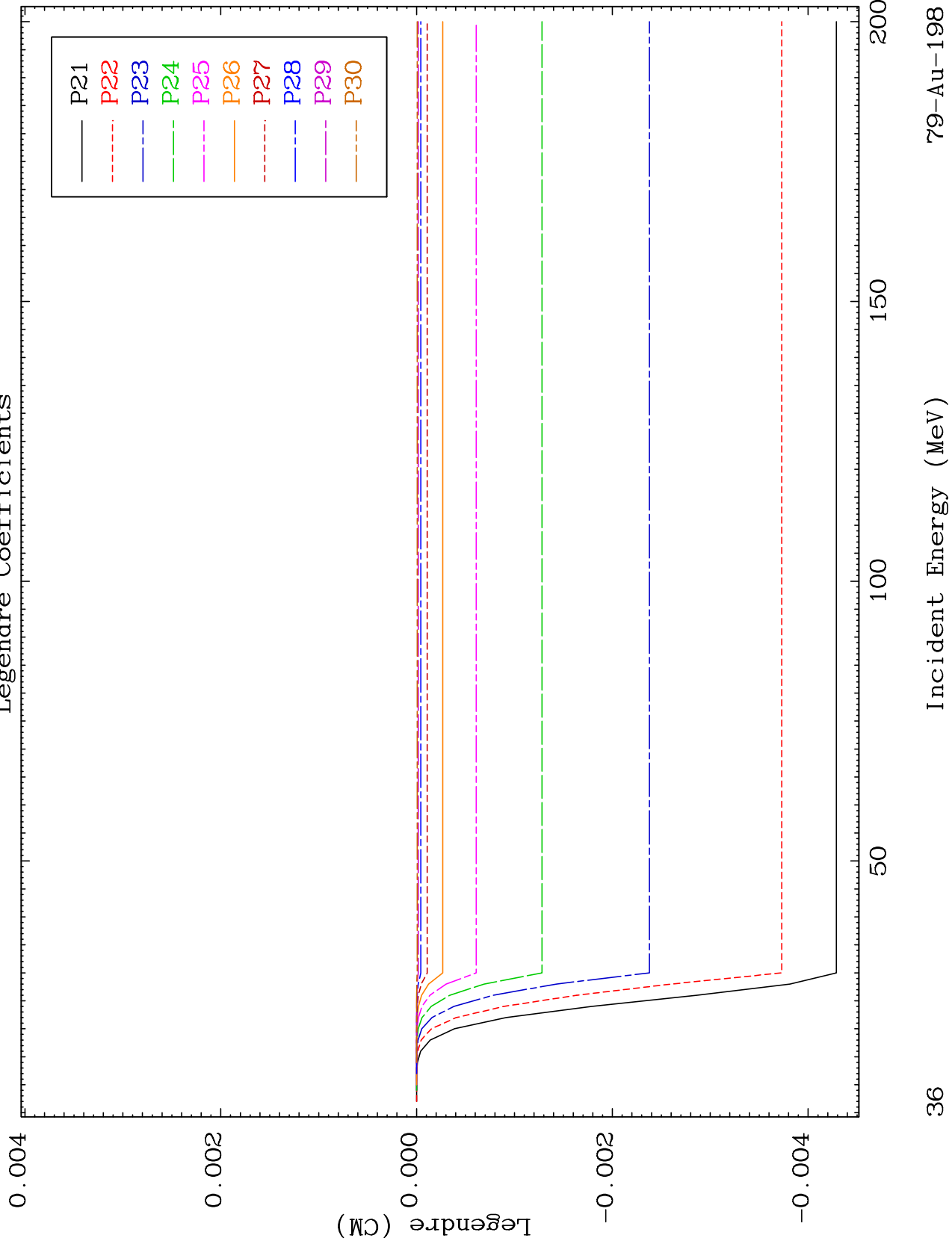
Incident Energy (MeV)

35

MAT 7928

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

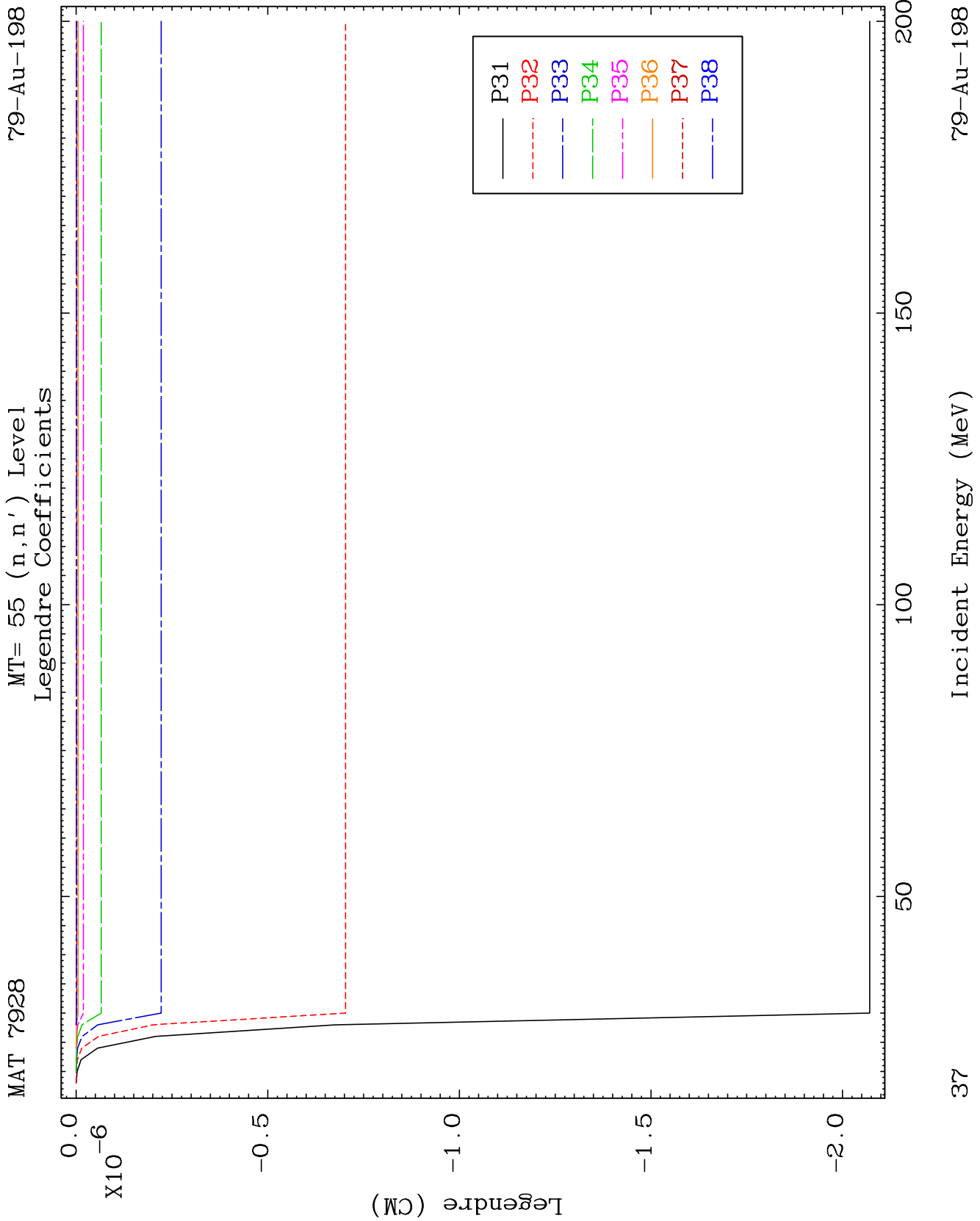
79-Au-198



36

Incident Energy (MeV)

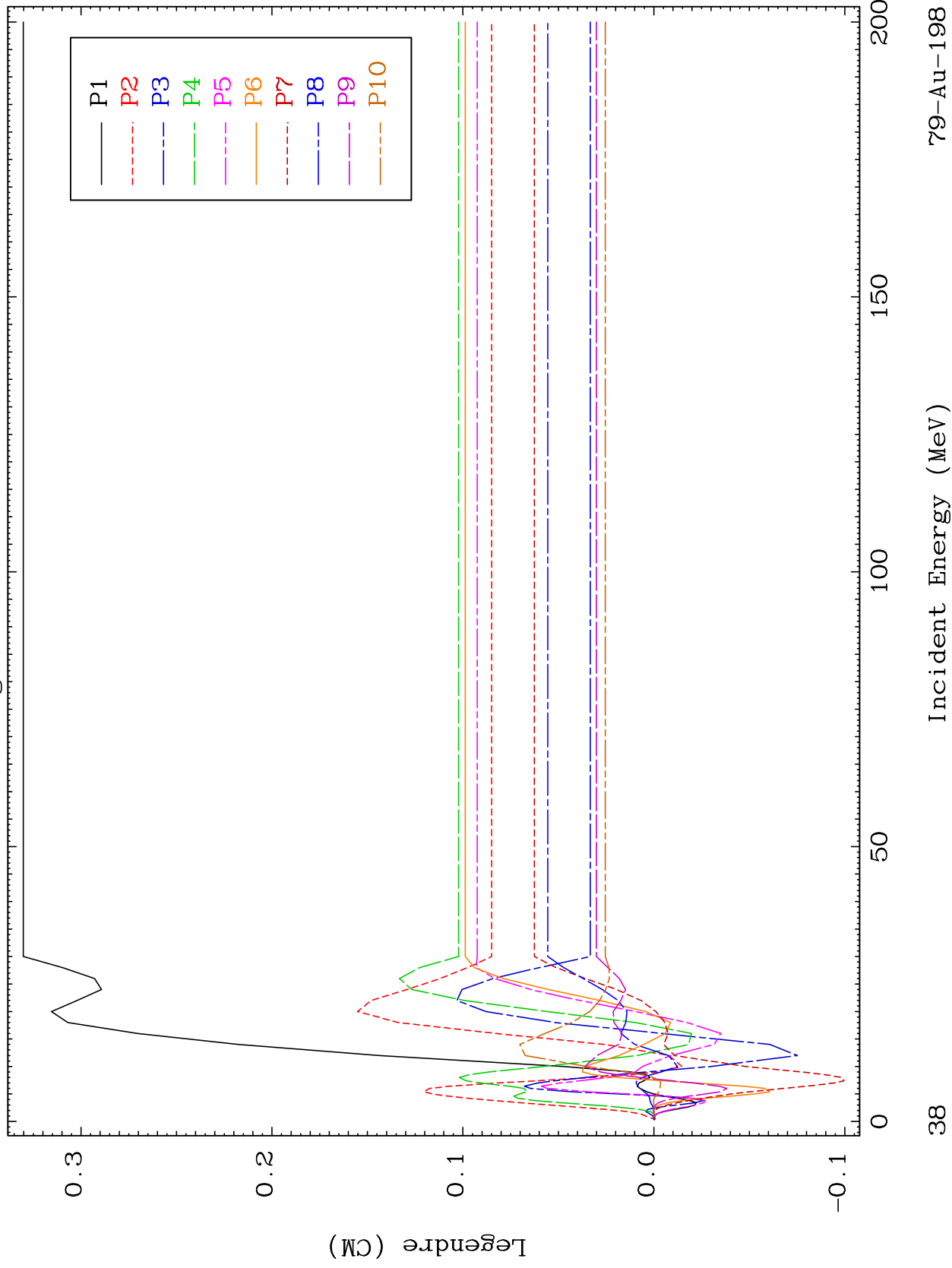
79-Au-198



MAT 7928

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

79-Au-198



79-Au-198

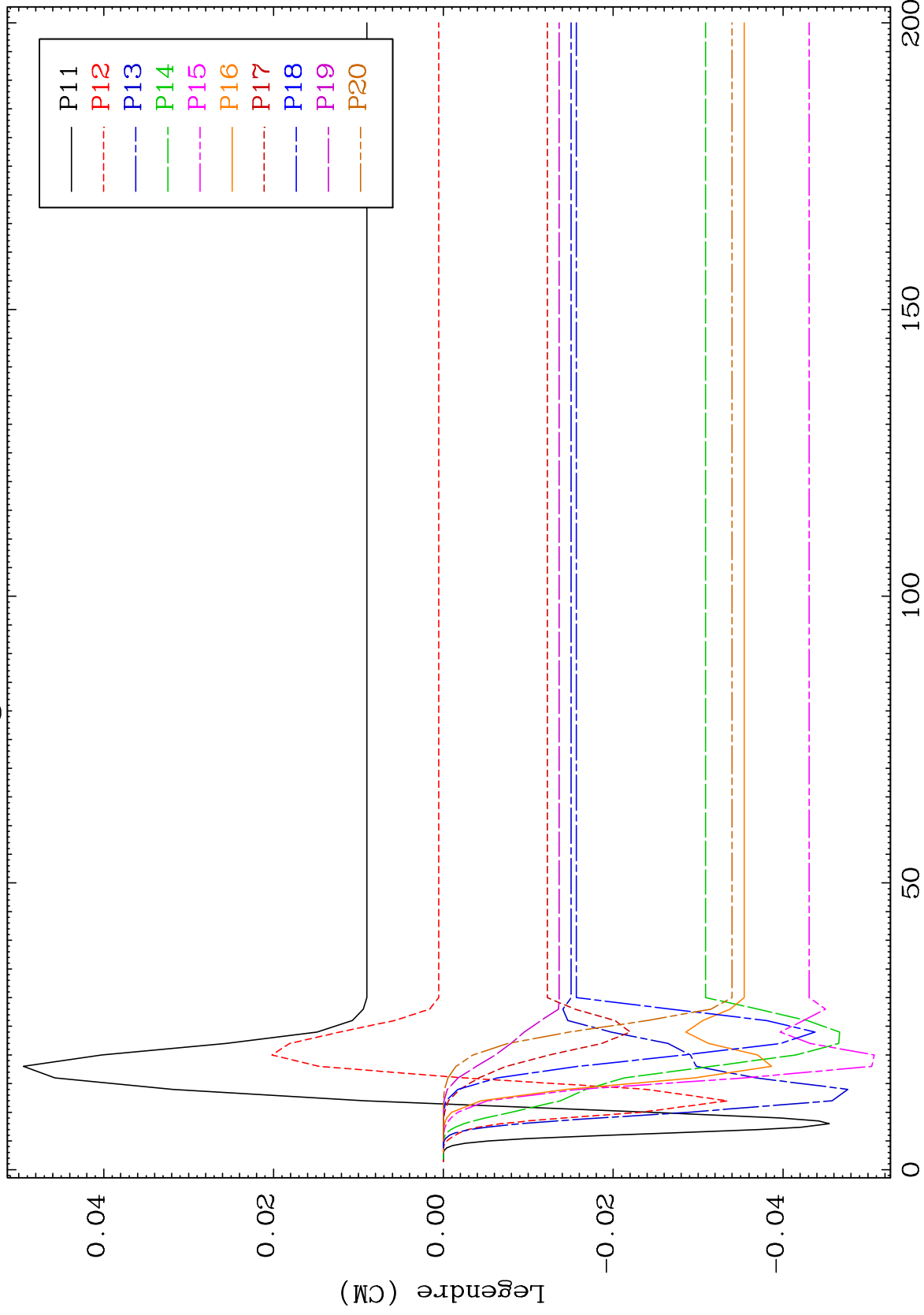
Incident Energy (MeV)

38

MAT 7928

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

79-Au-198



39

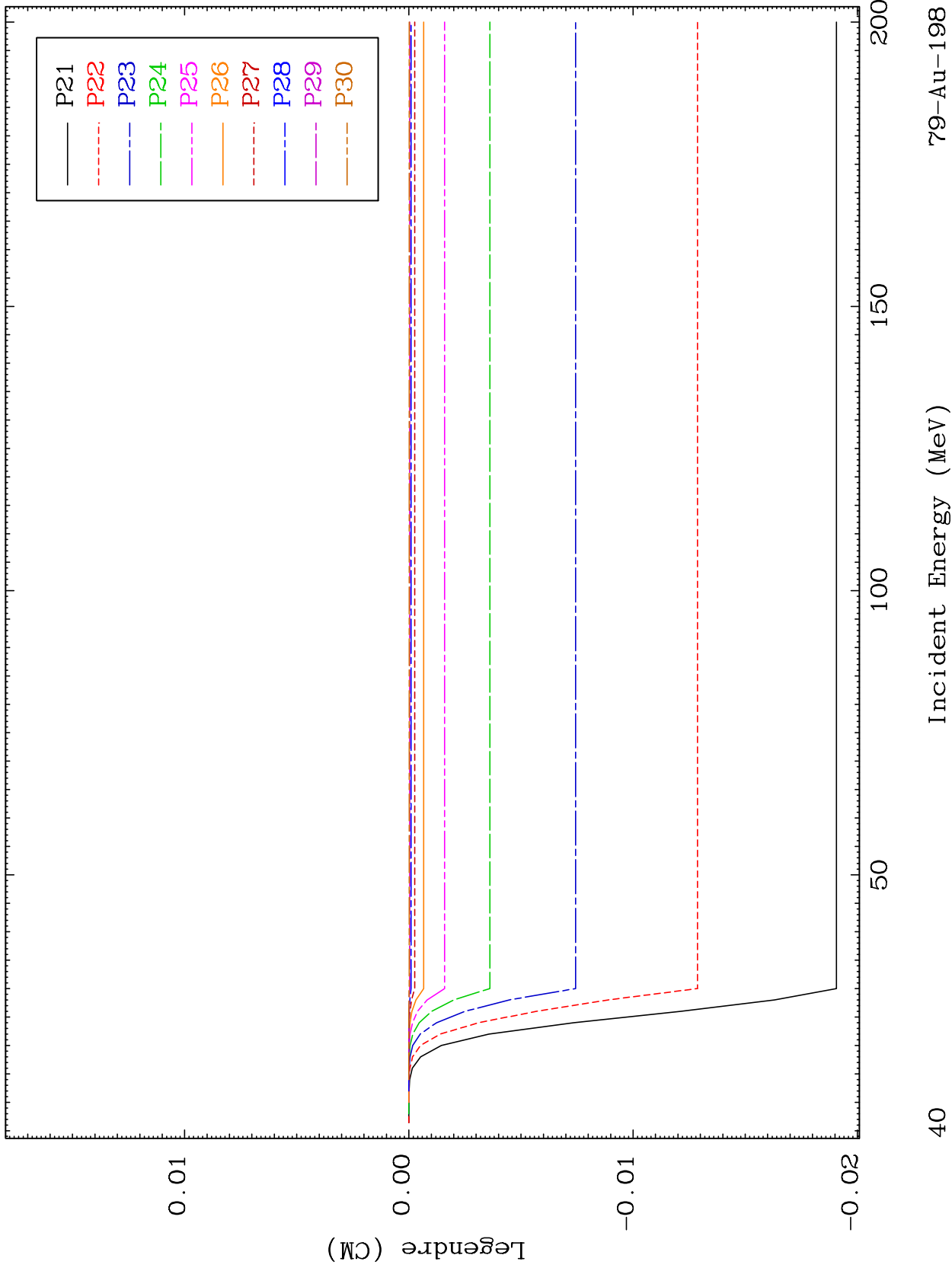
Incident Energy (MeV)

79-Au-198

MAT 7928

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

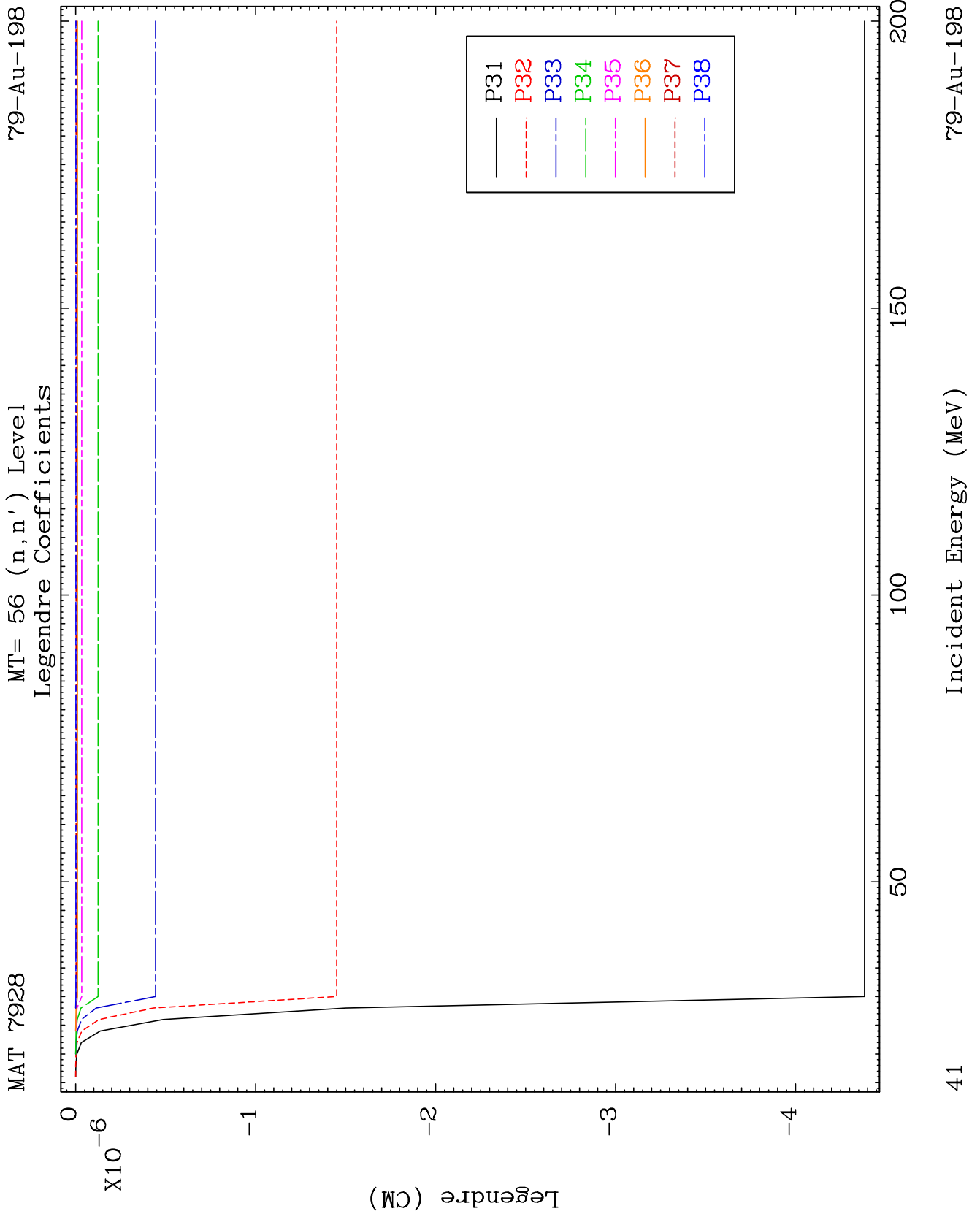
79-Au-198



79-Au-198

Incident Energy (MeV)

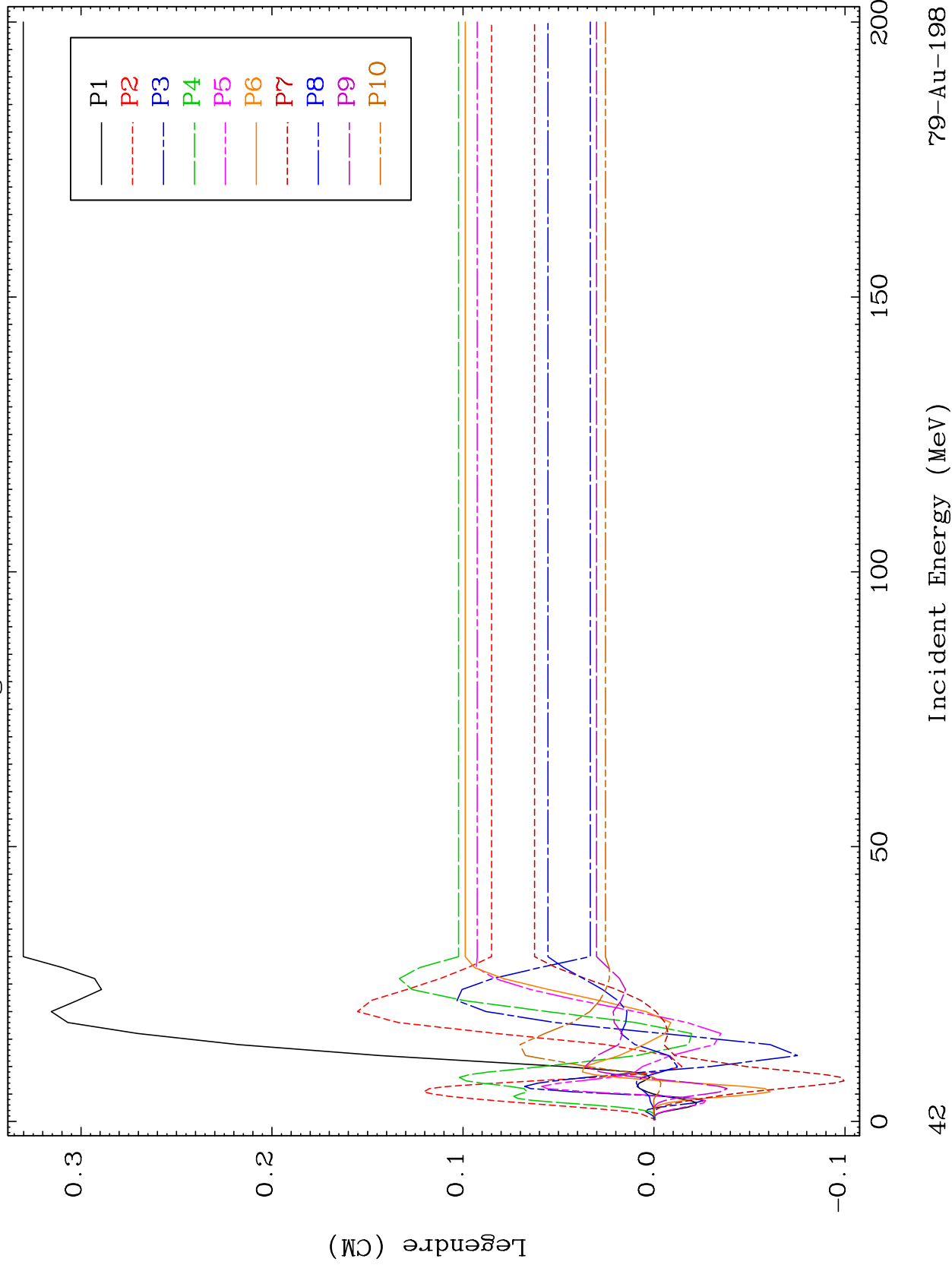
40



MAT 7928

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

79-Au-198



79-Au-198

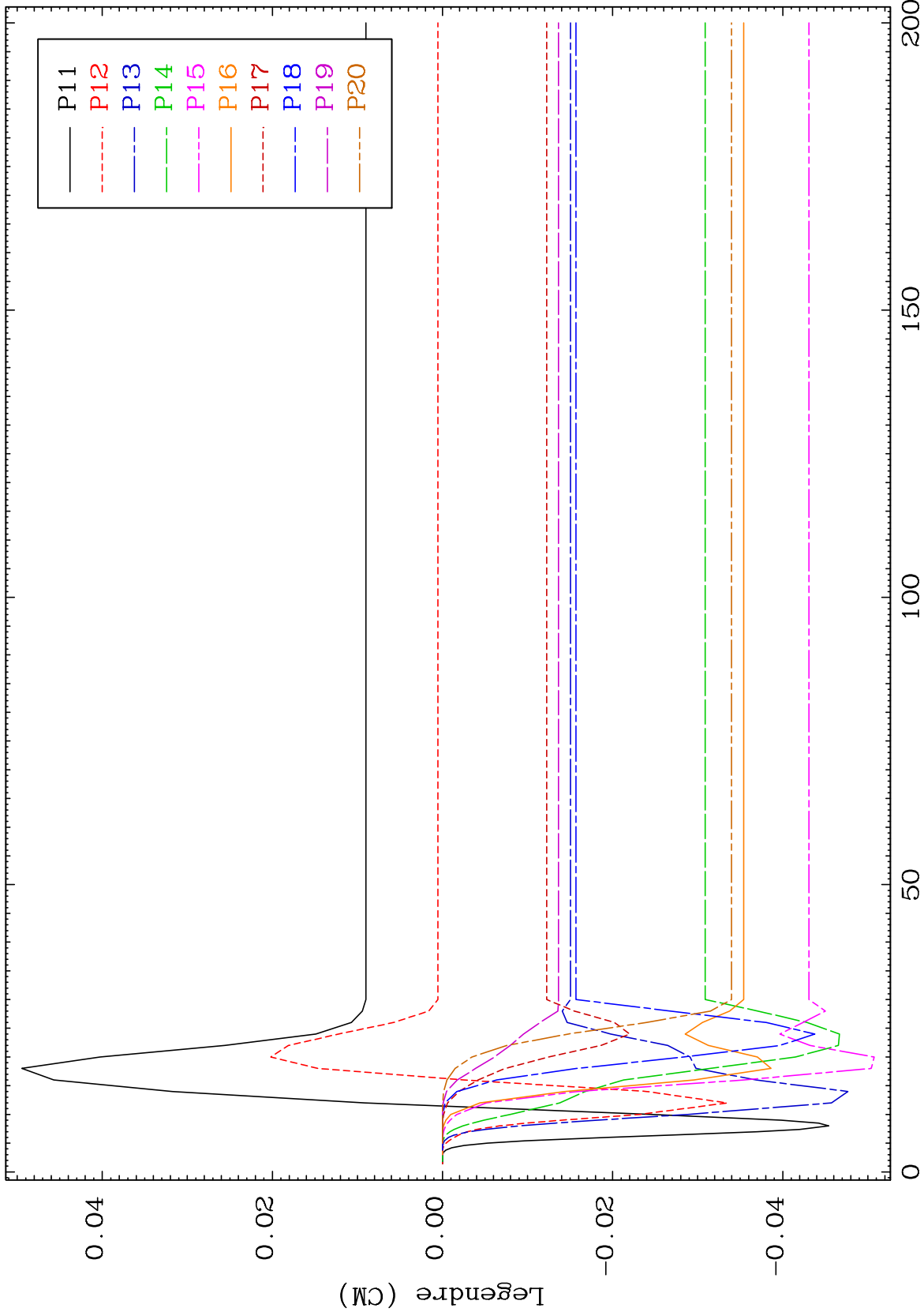
Incident Energy (MeV)

42

MAT 7928

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

79-Au-198



43

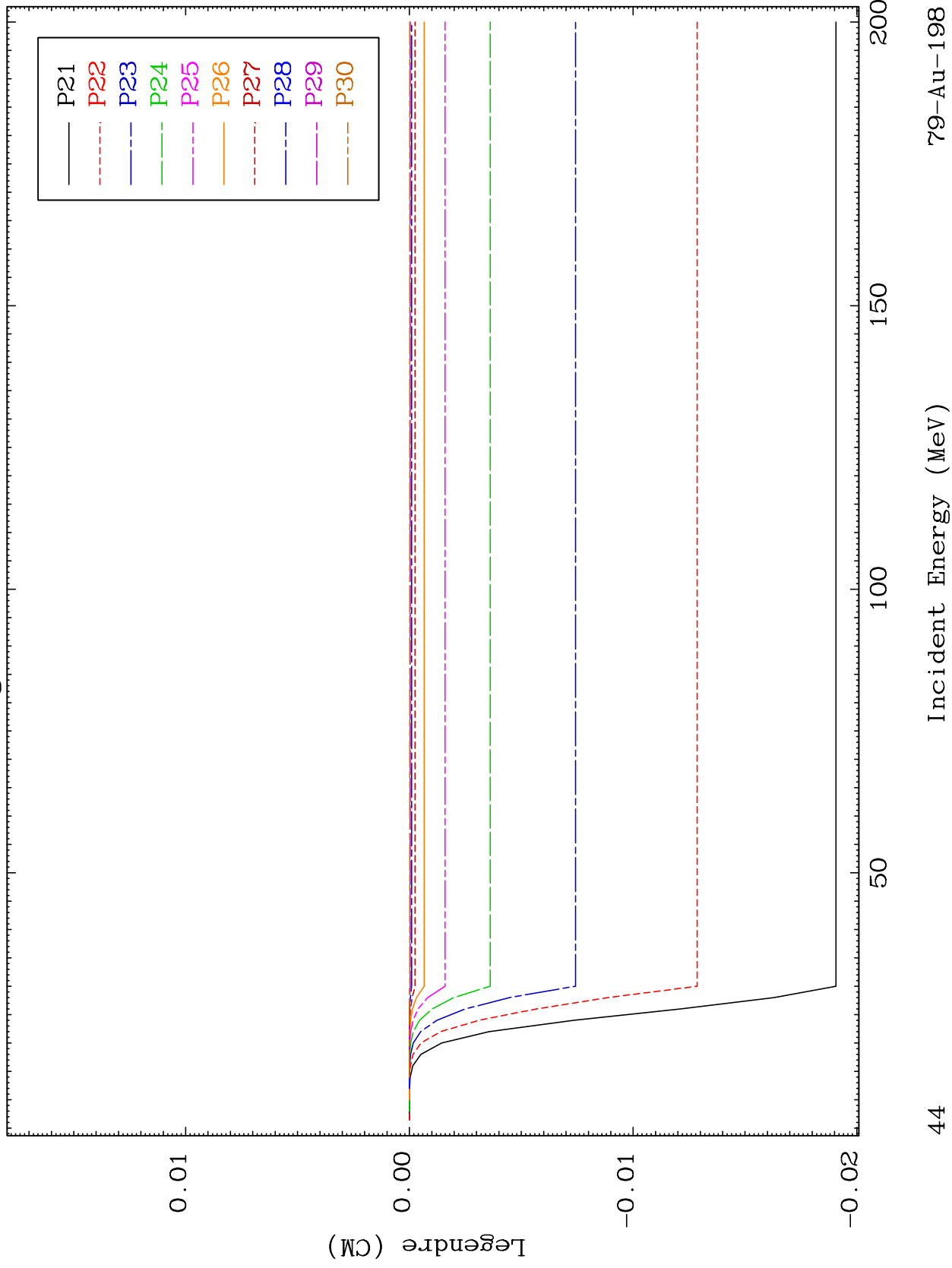
Incident Energy (MeV)

79-Au-198

MAT 7928

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

79-Au-198



44

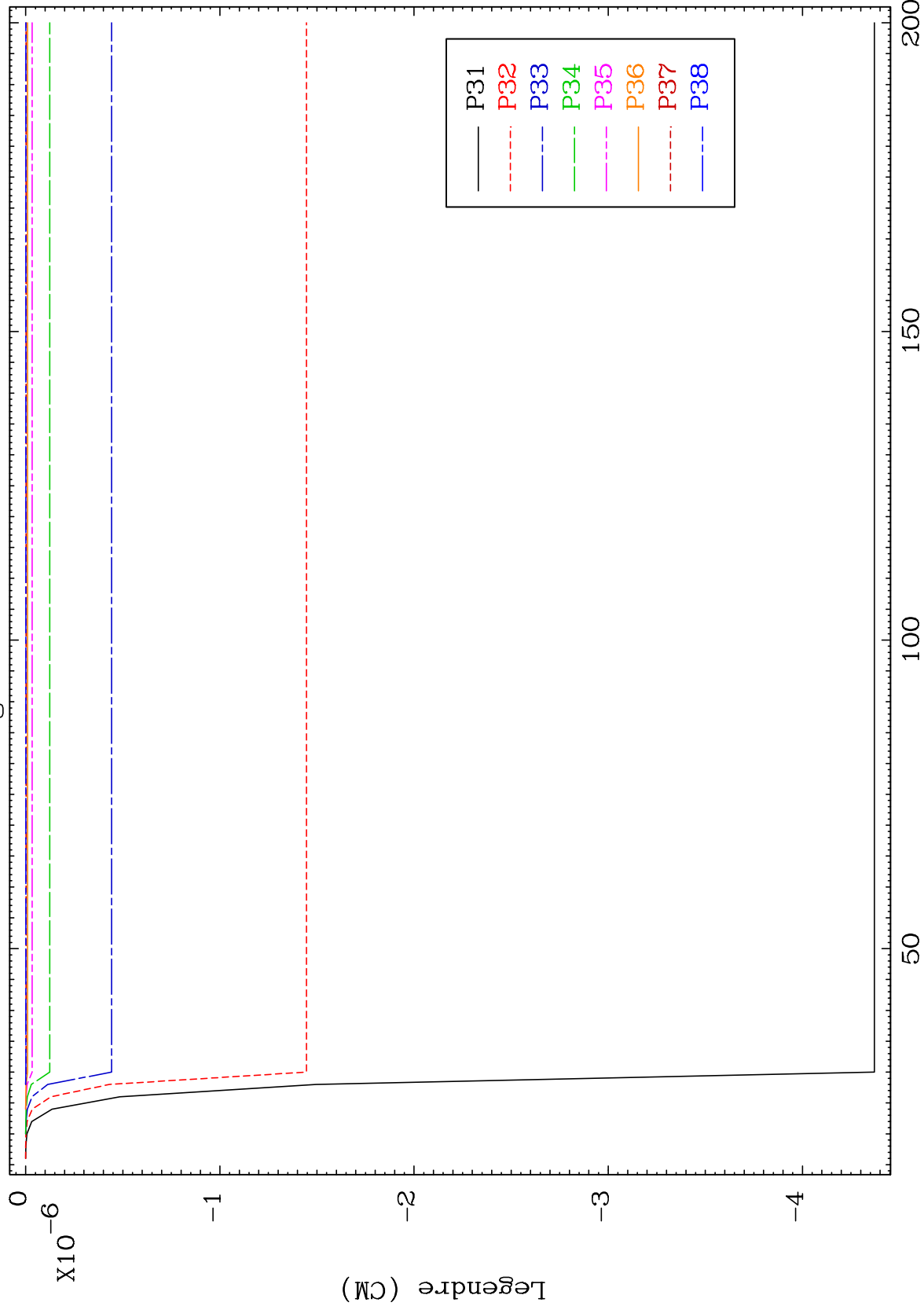
Incident Energy (MeV)

79-Au-198

MAT 7928

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

79-Au-198



45

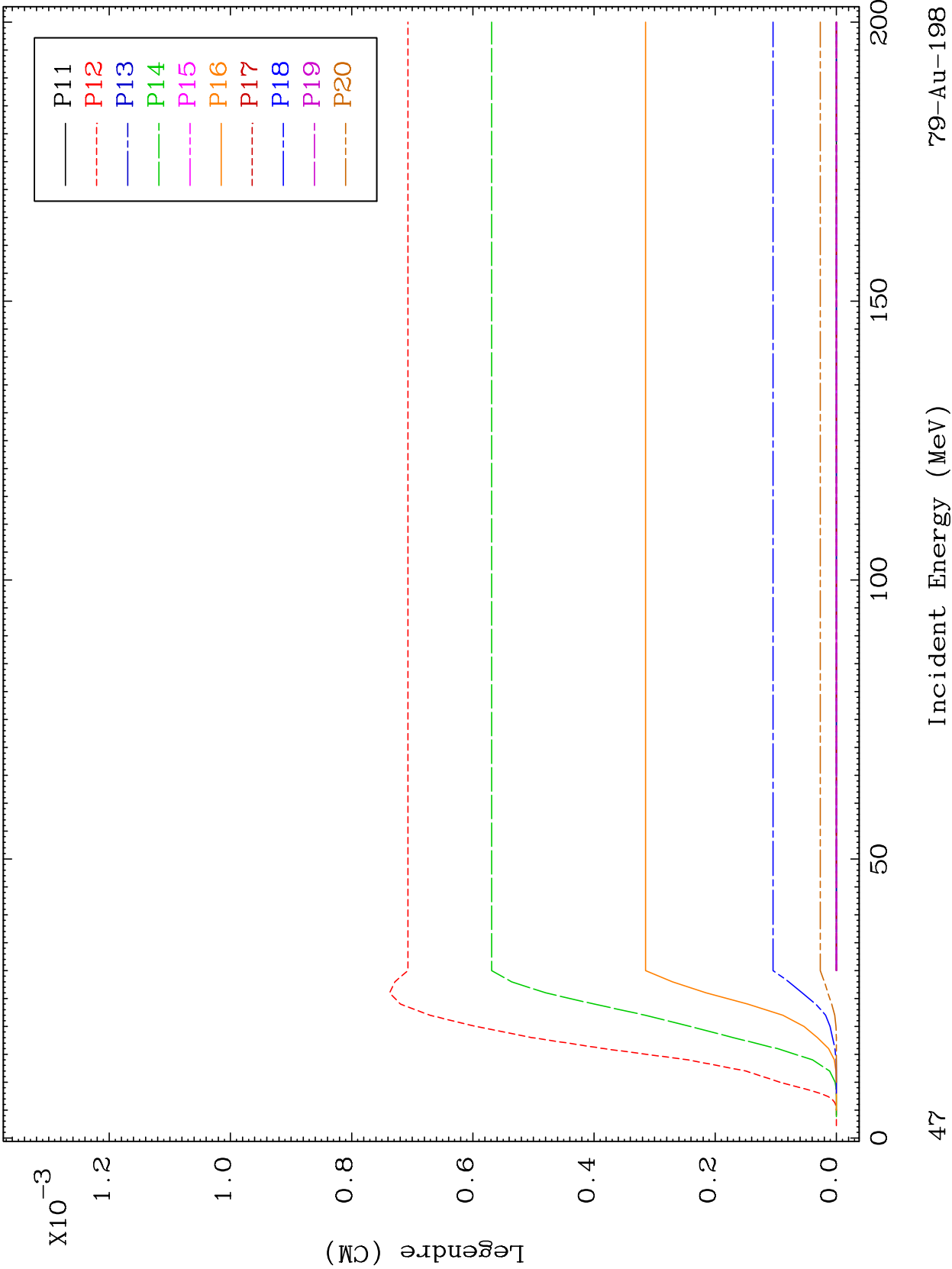
Incident Energy (MeV)

79-Au-198

MAT 7928

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

79-Au-198



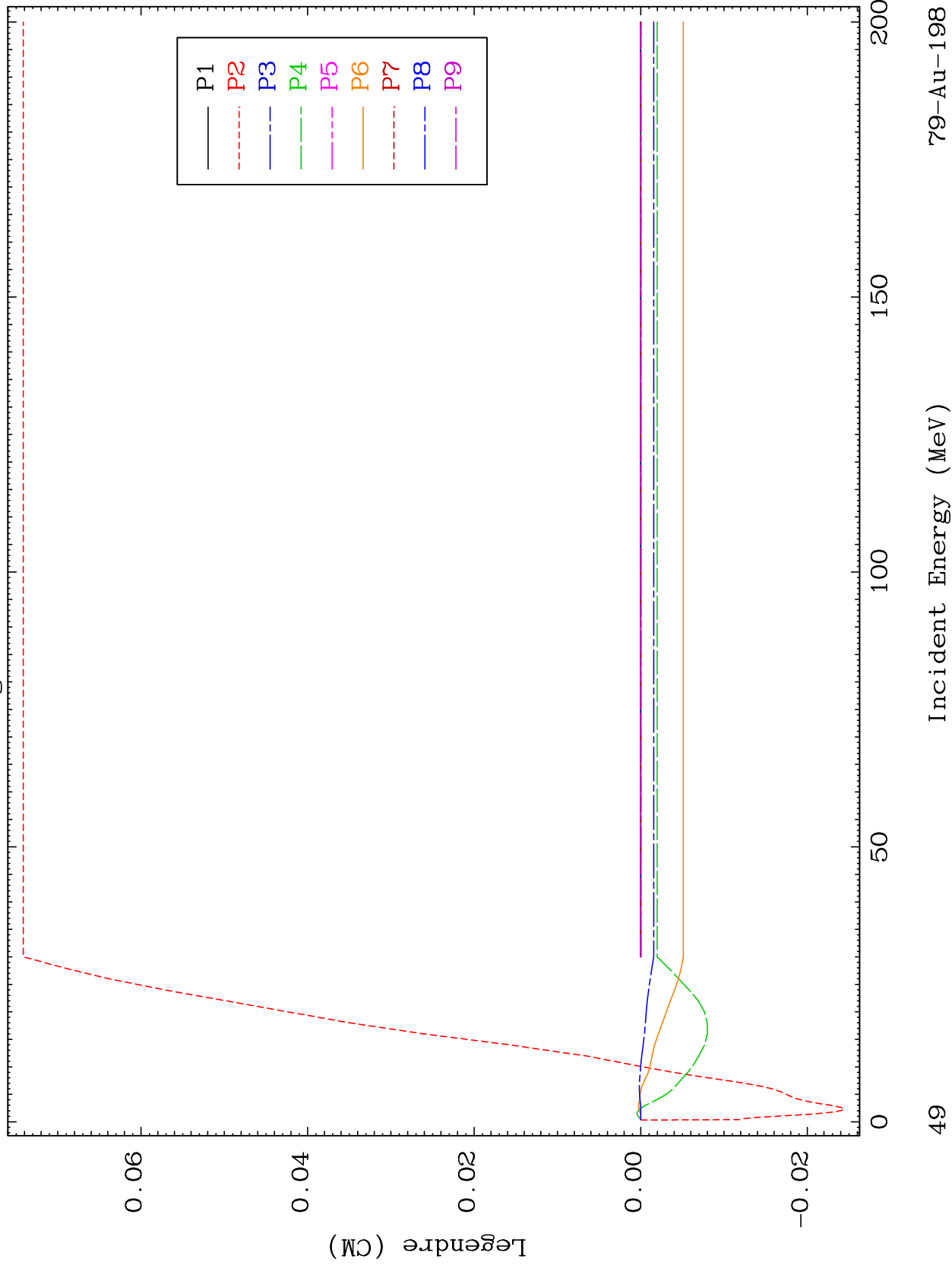
47

79-Au-198

MAT 7928

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

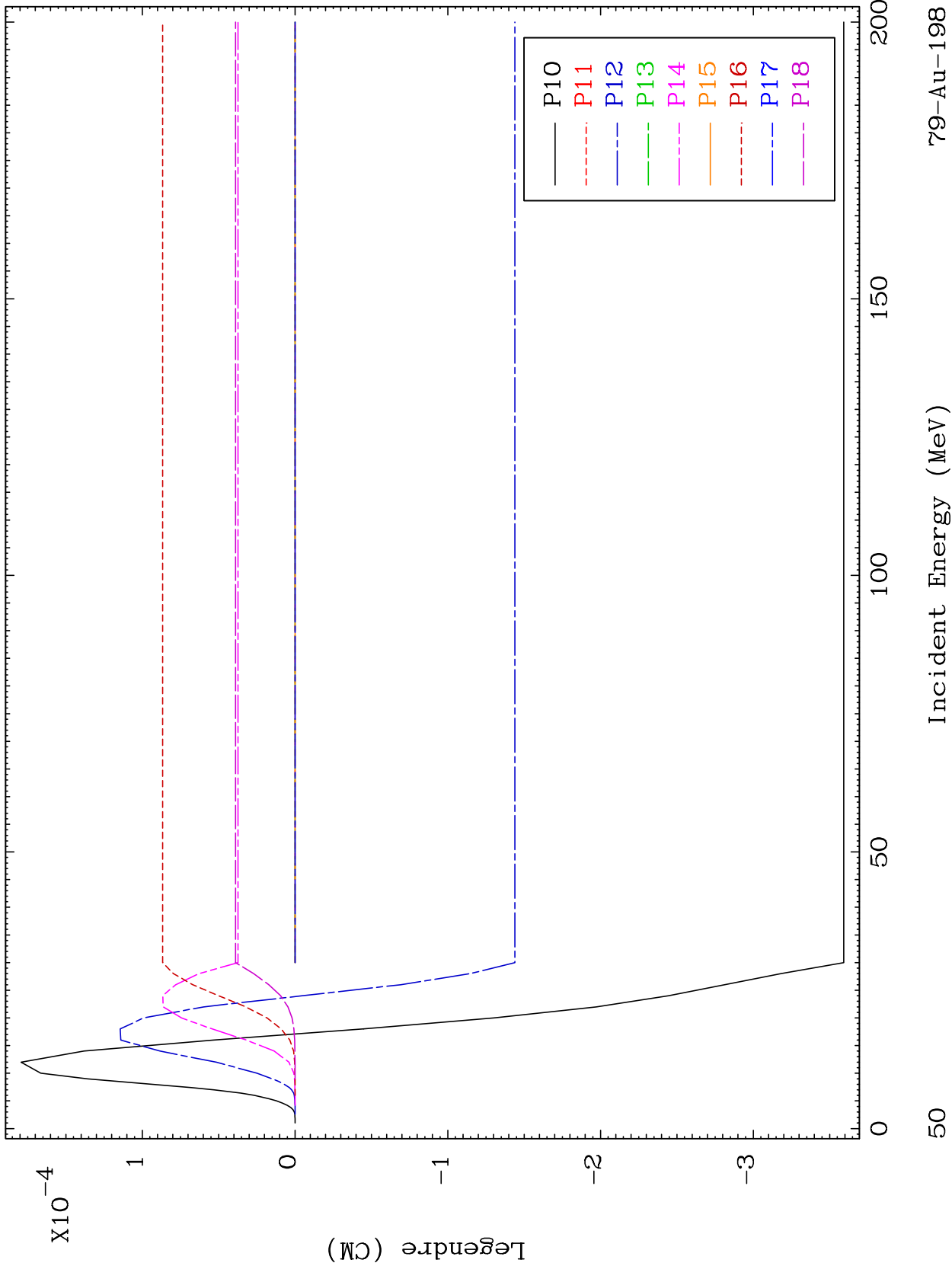
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MAT 7928

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

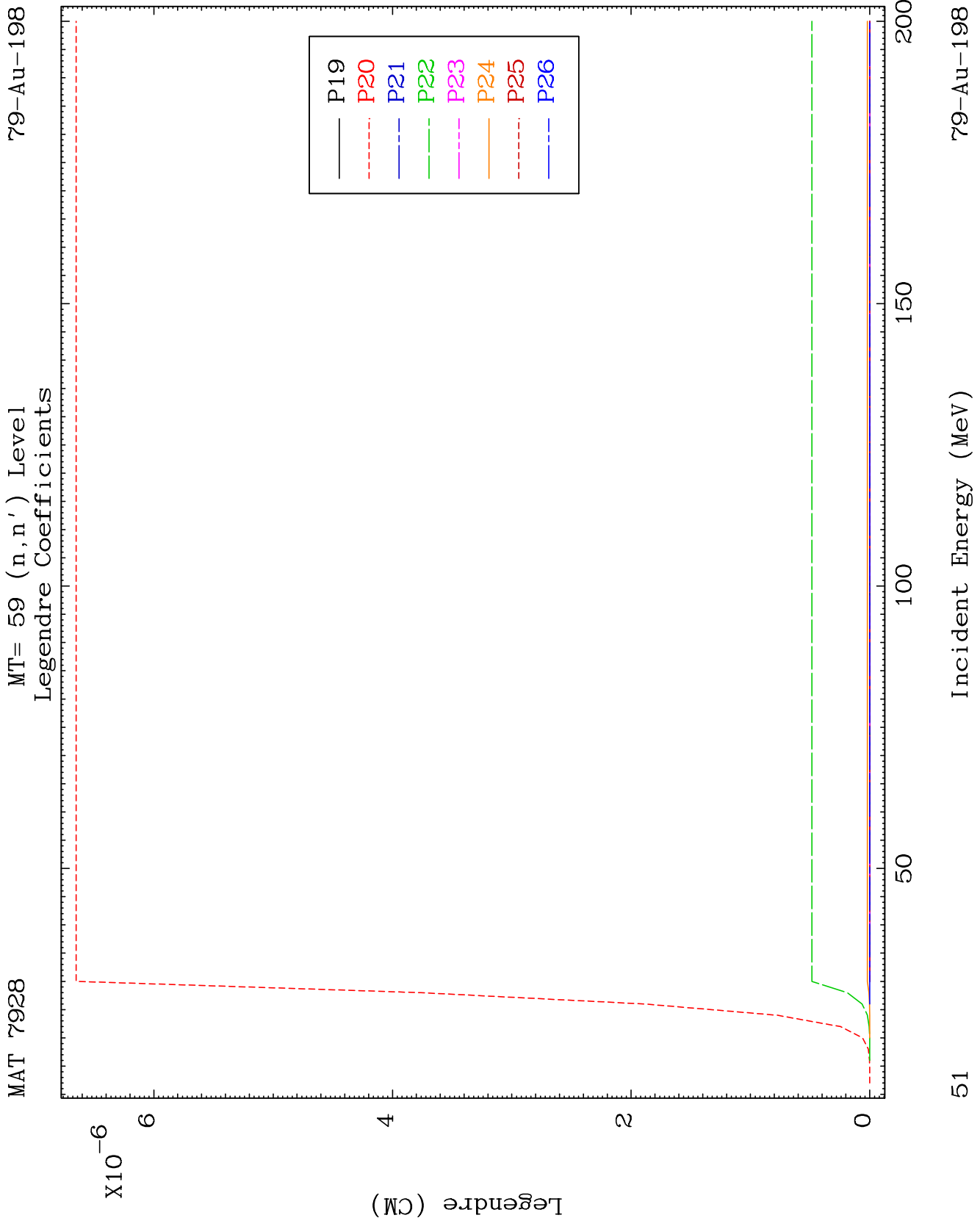
79-Au-198



79-Au-198

Incident Energy (MeV)

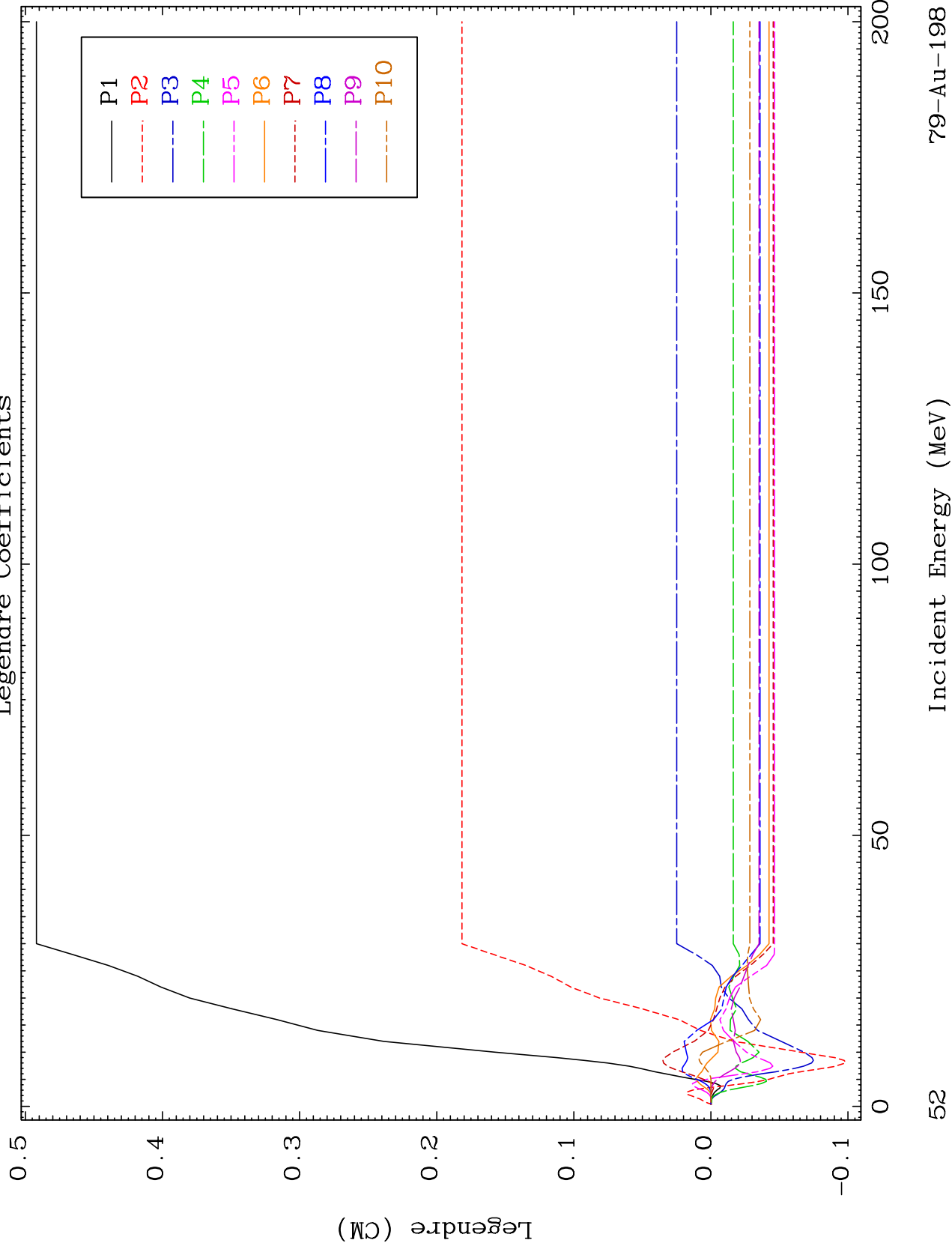
50



MAT 7928

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

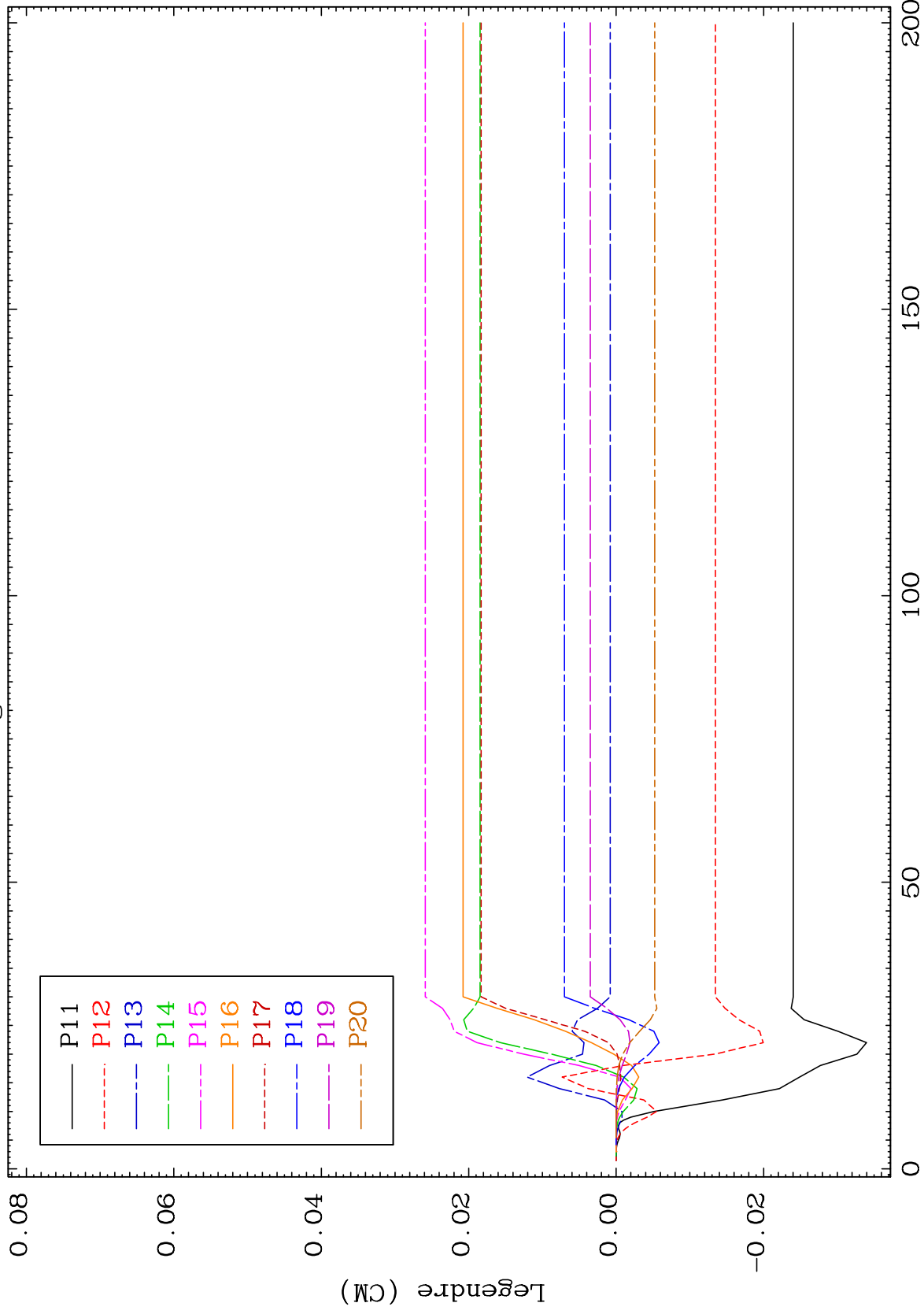
79-Au-198



MAT 7928

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

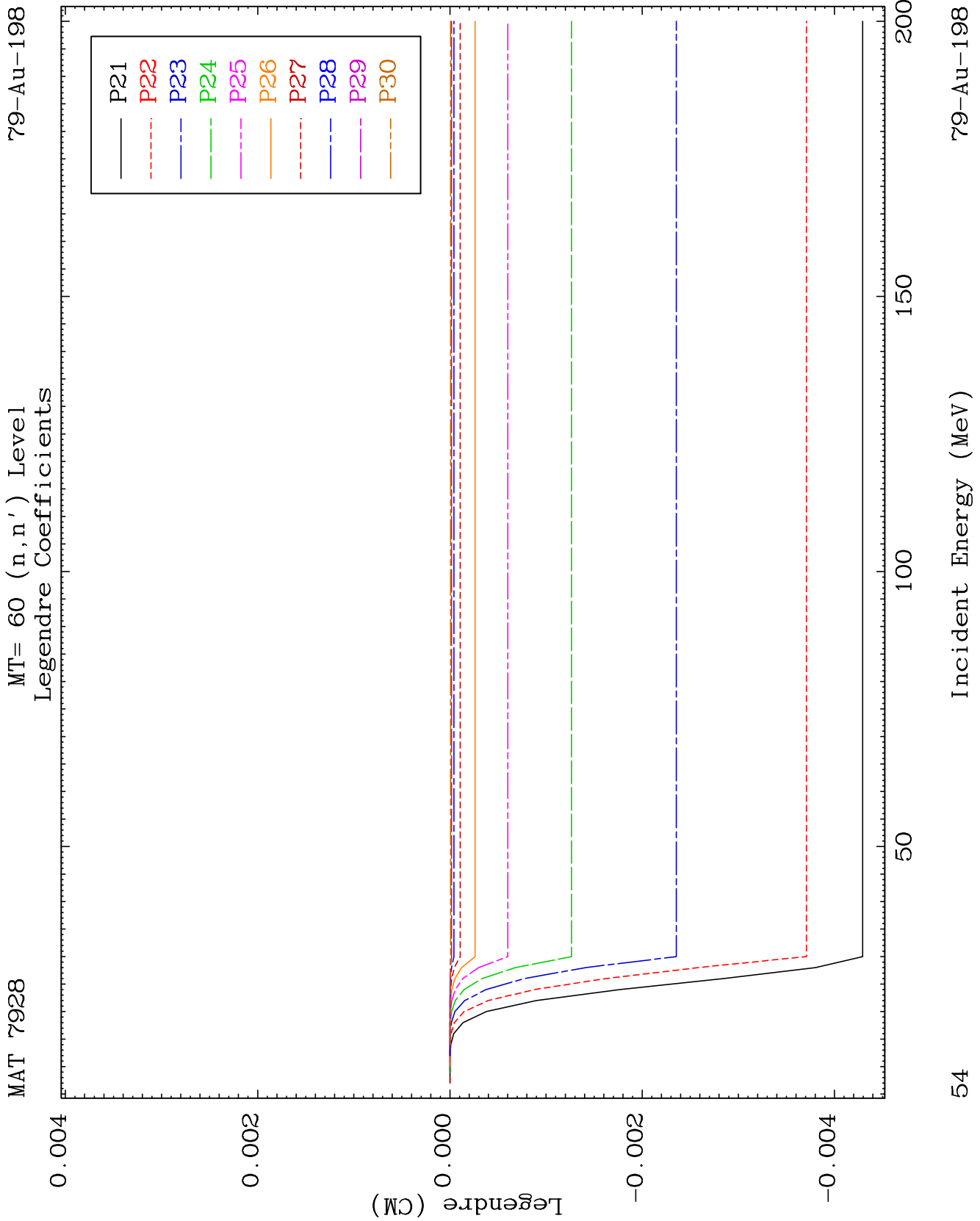
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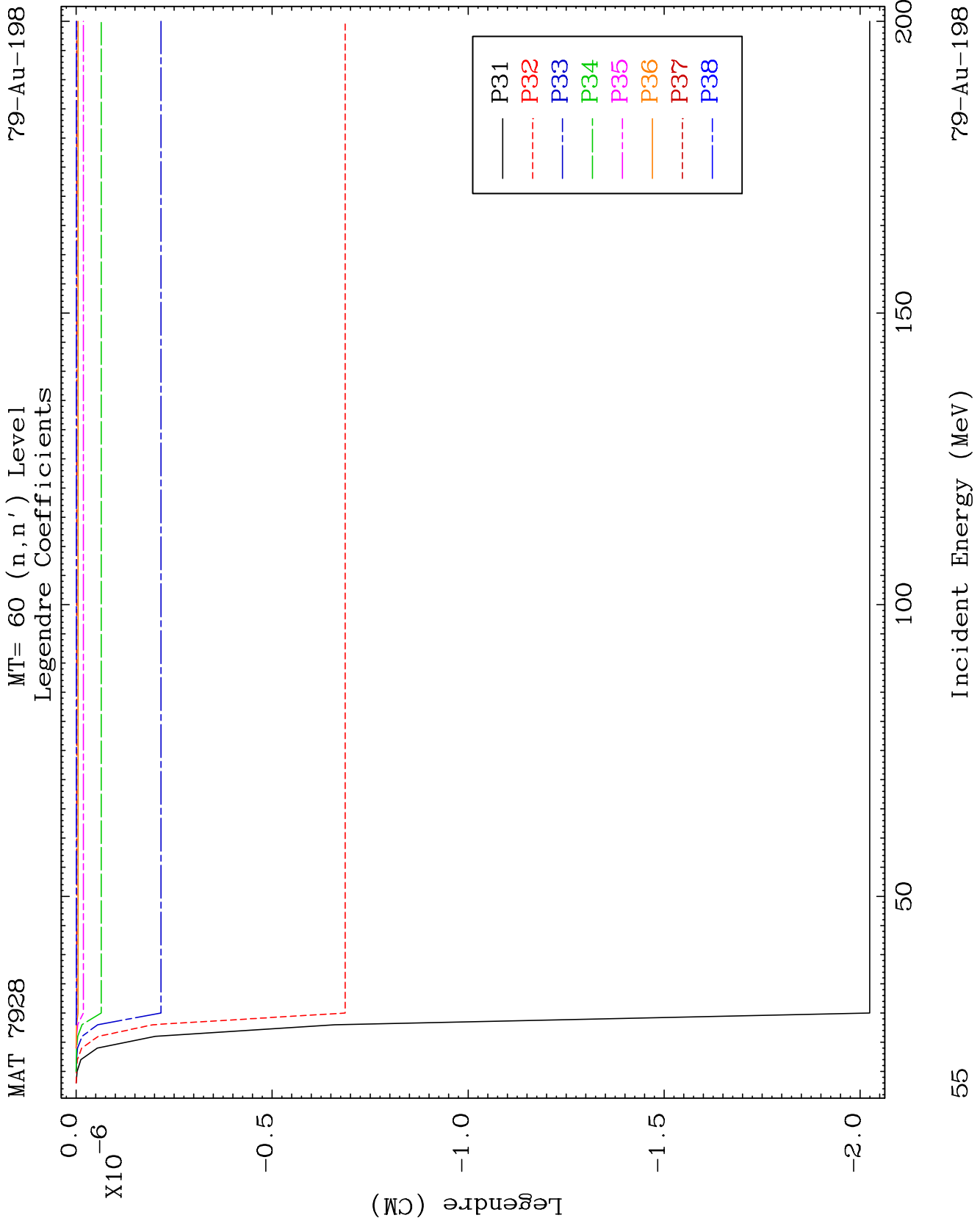


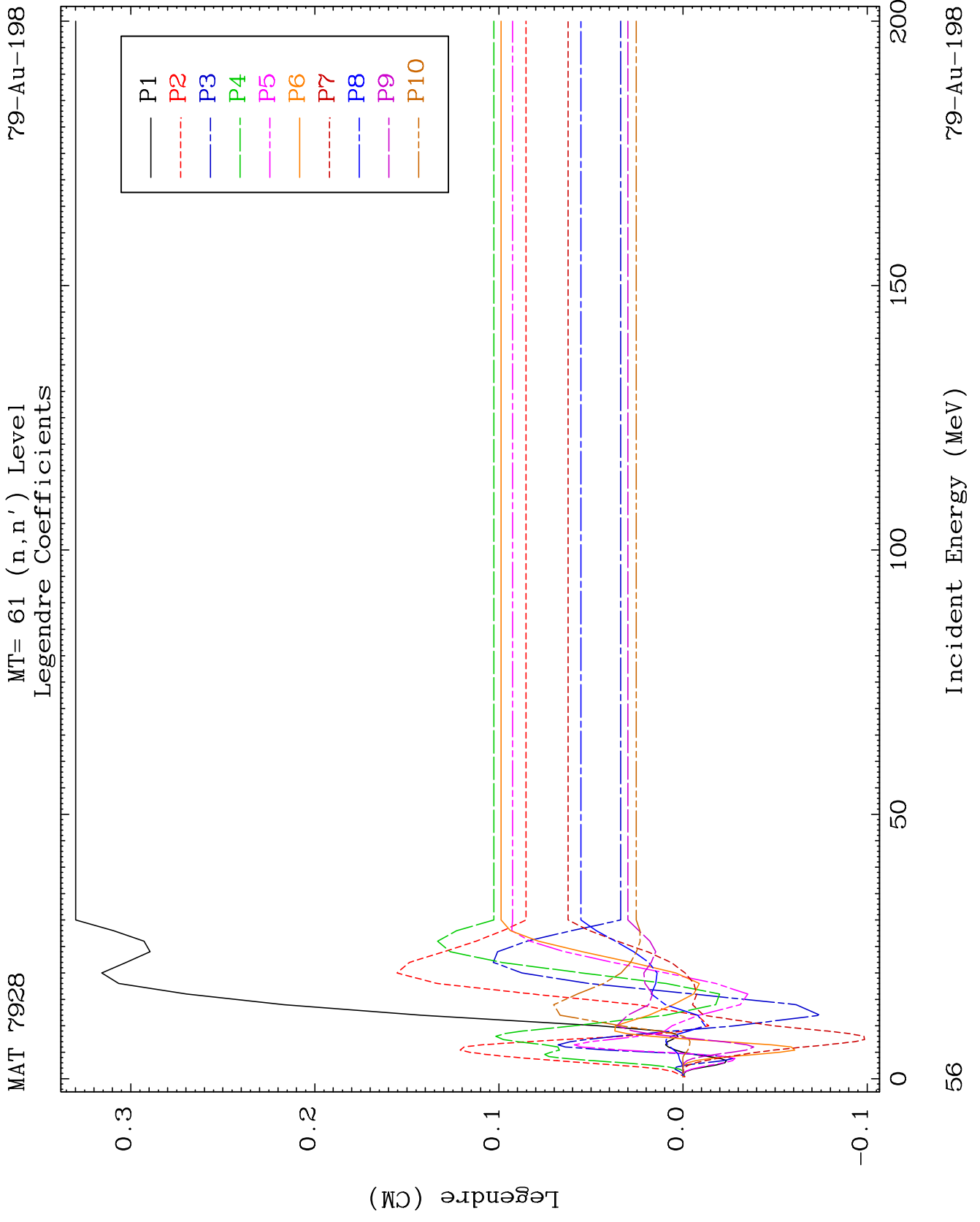
53

Incident Energy (MeV)

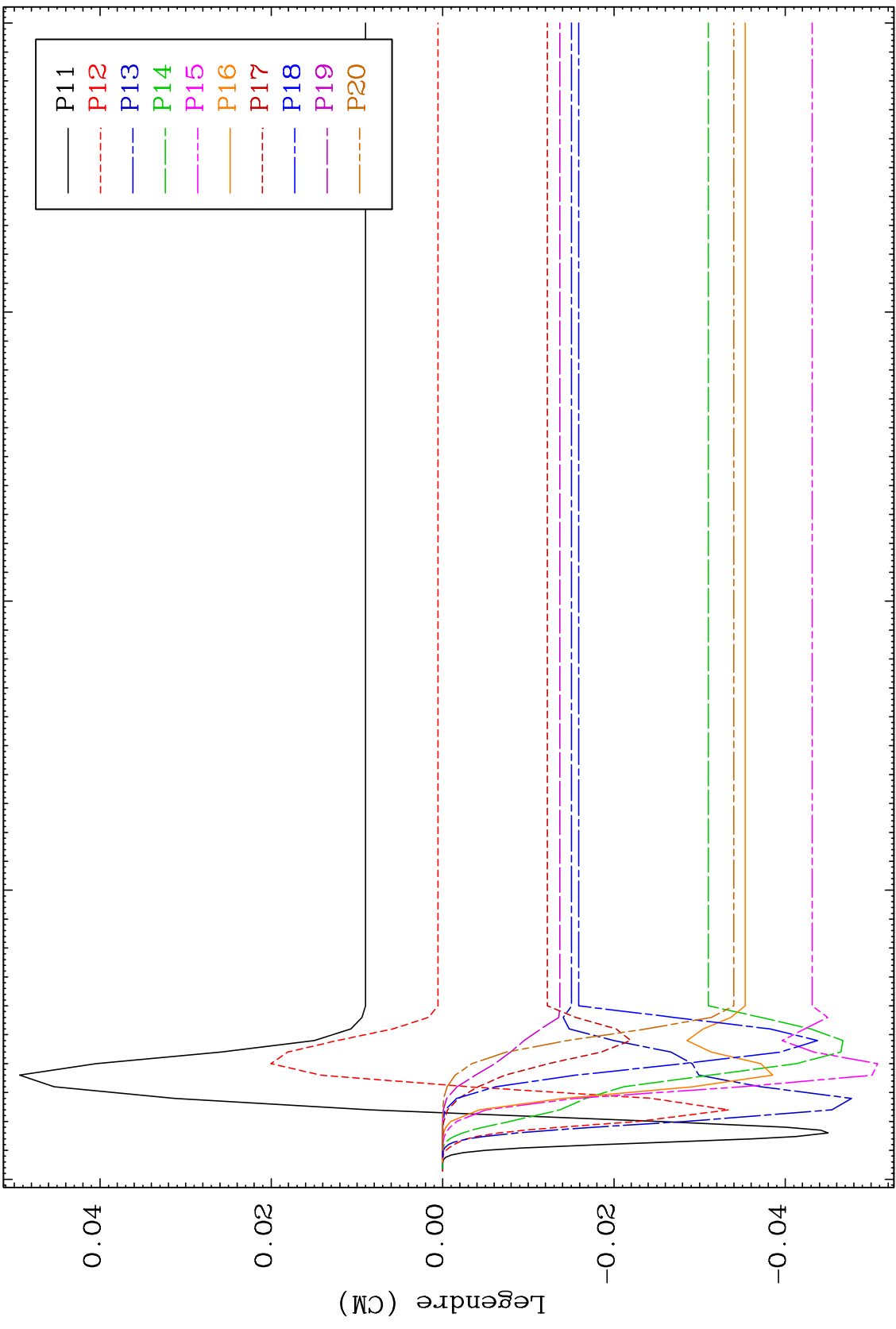
79-Au-198







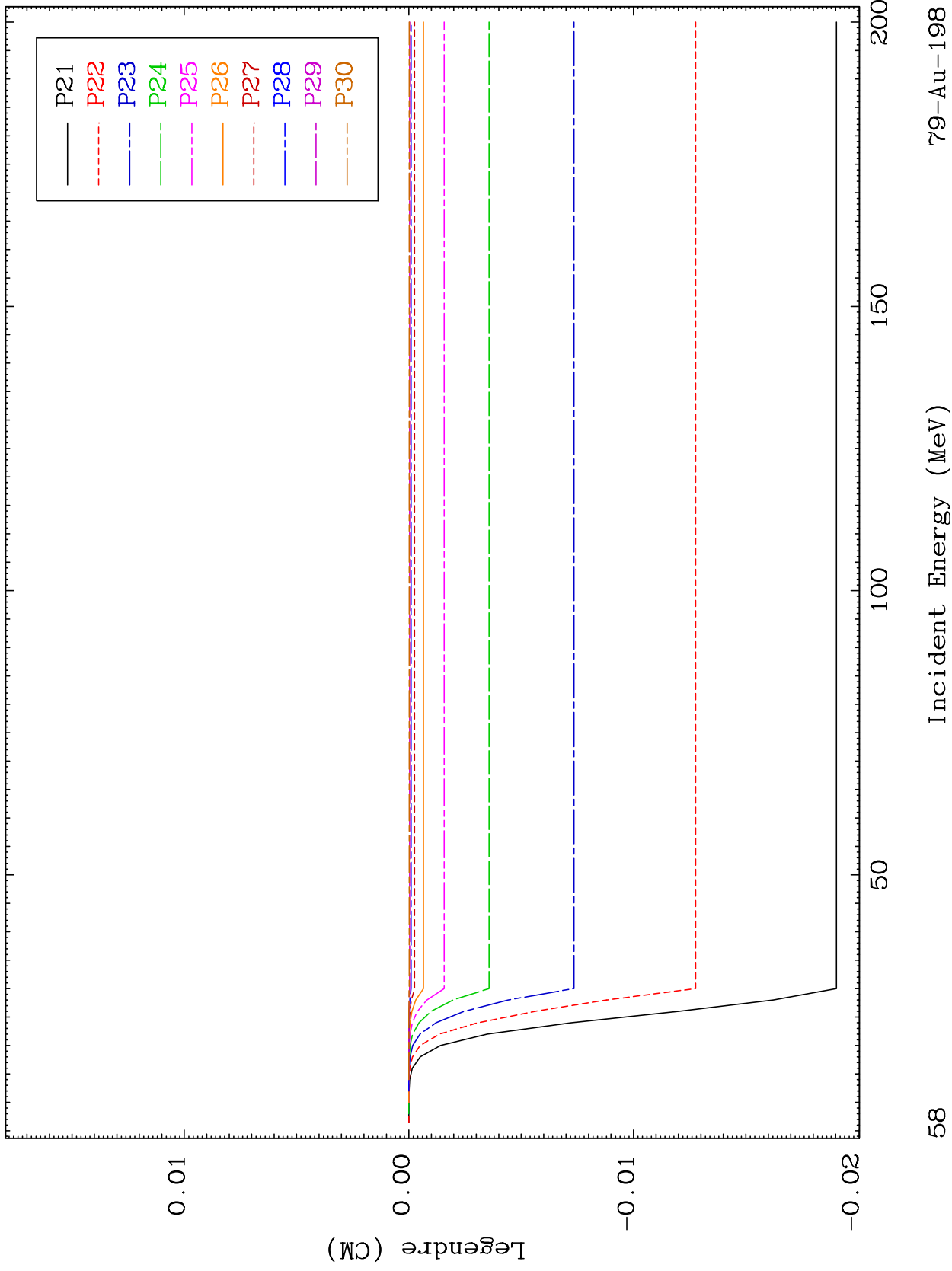
MAT 7928 MT= 61 (n,n') Level Legendre Coefficients 79-Au-198



MAT 7928

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

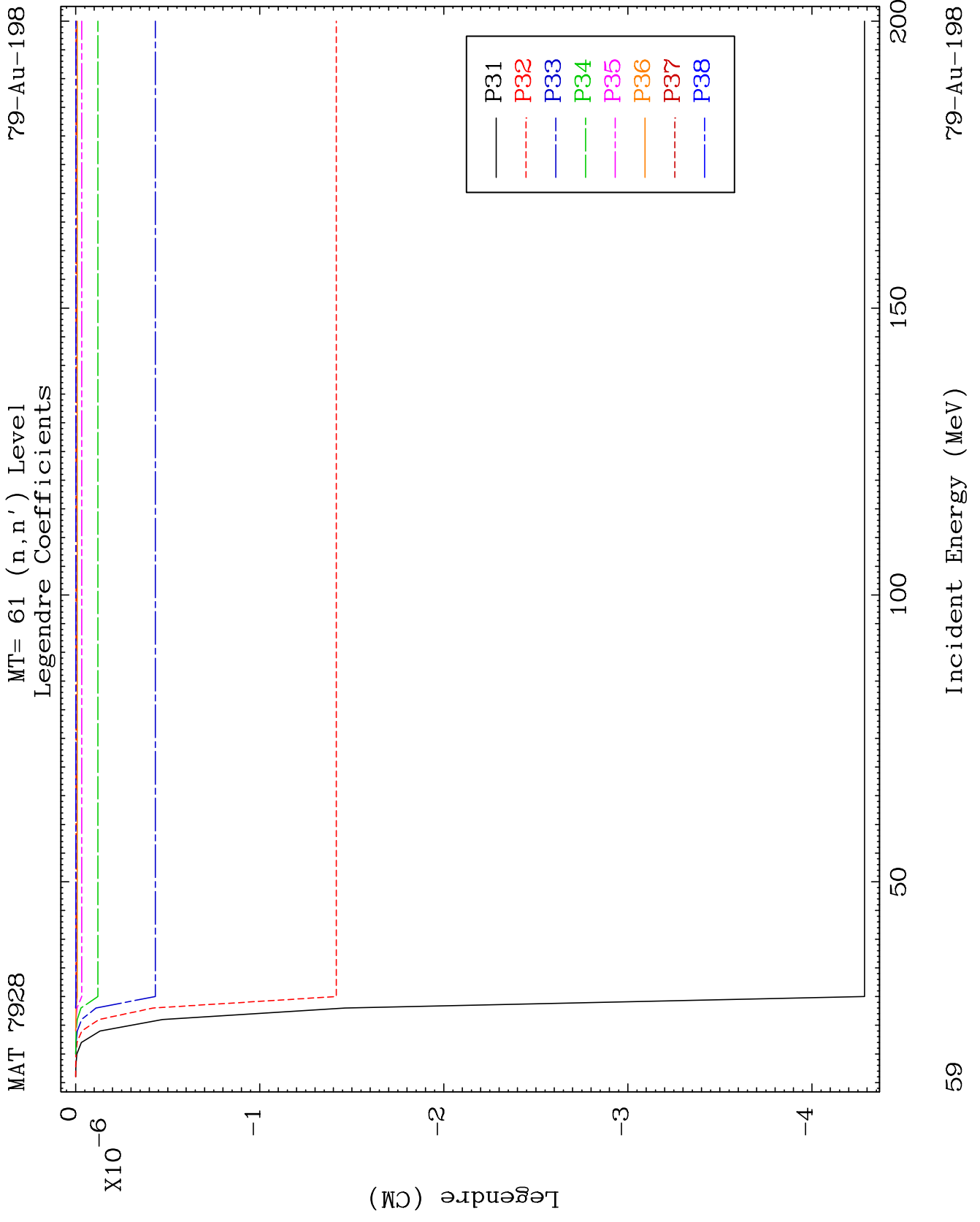
79-Au-198



58

Incident Energy (MeV)

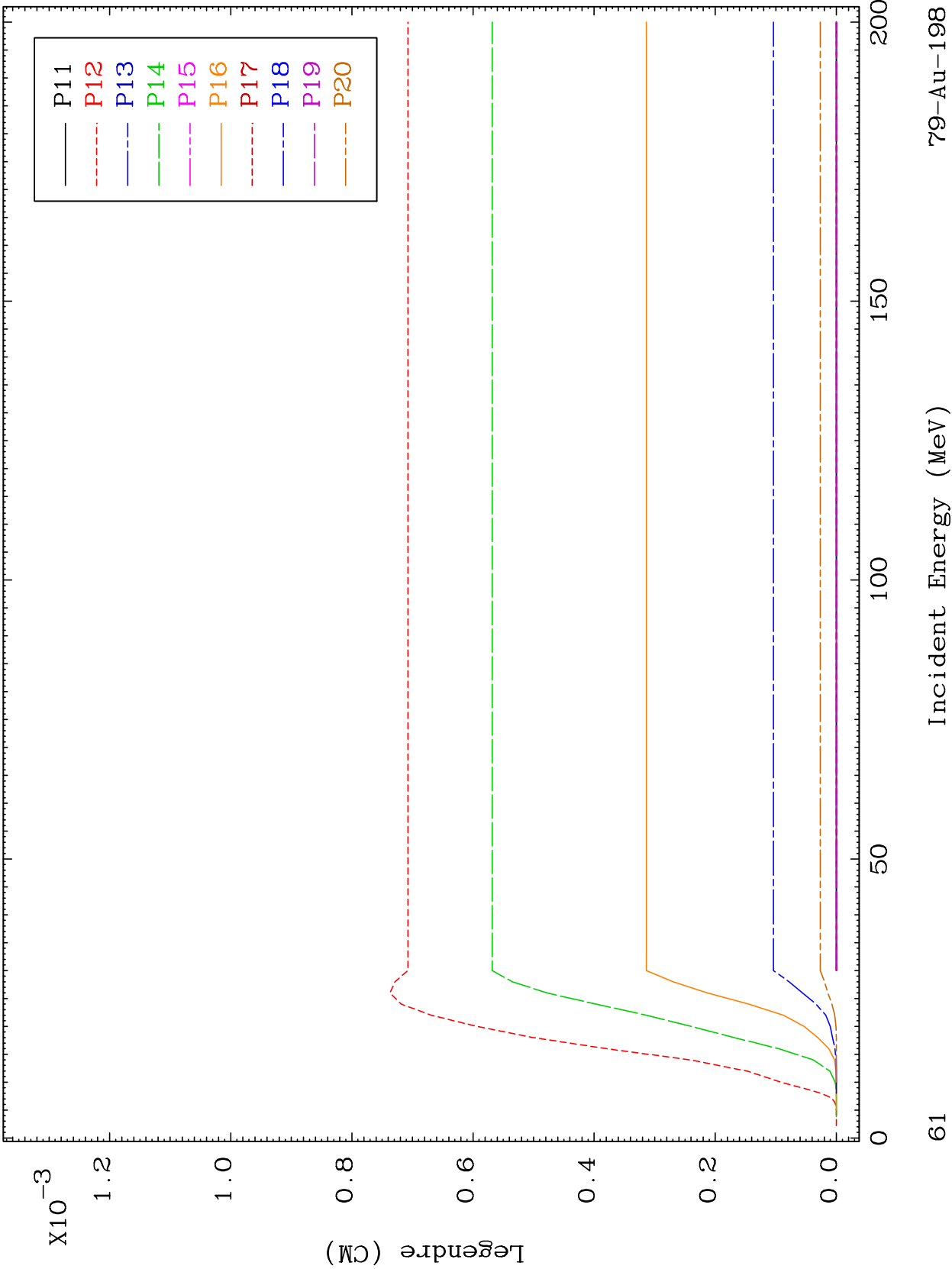
79-Au-198



MAT 7928

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

79-Au-198



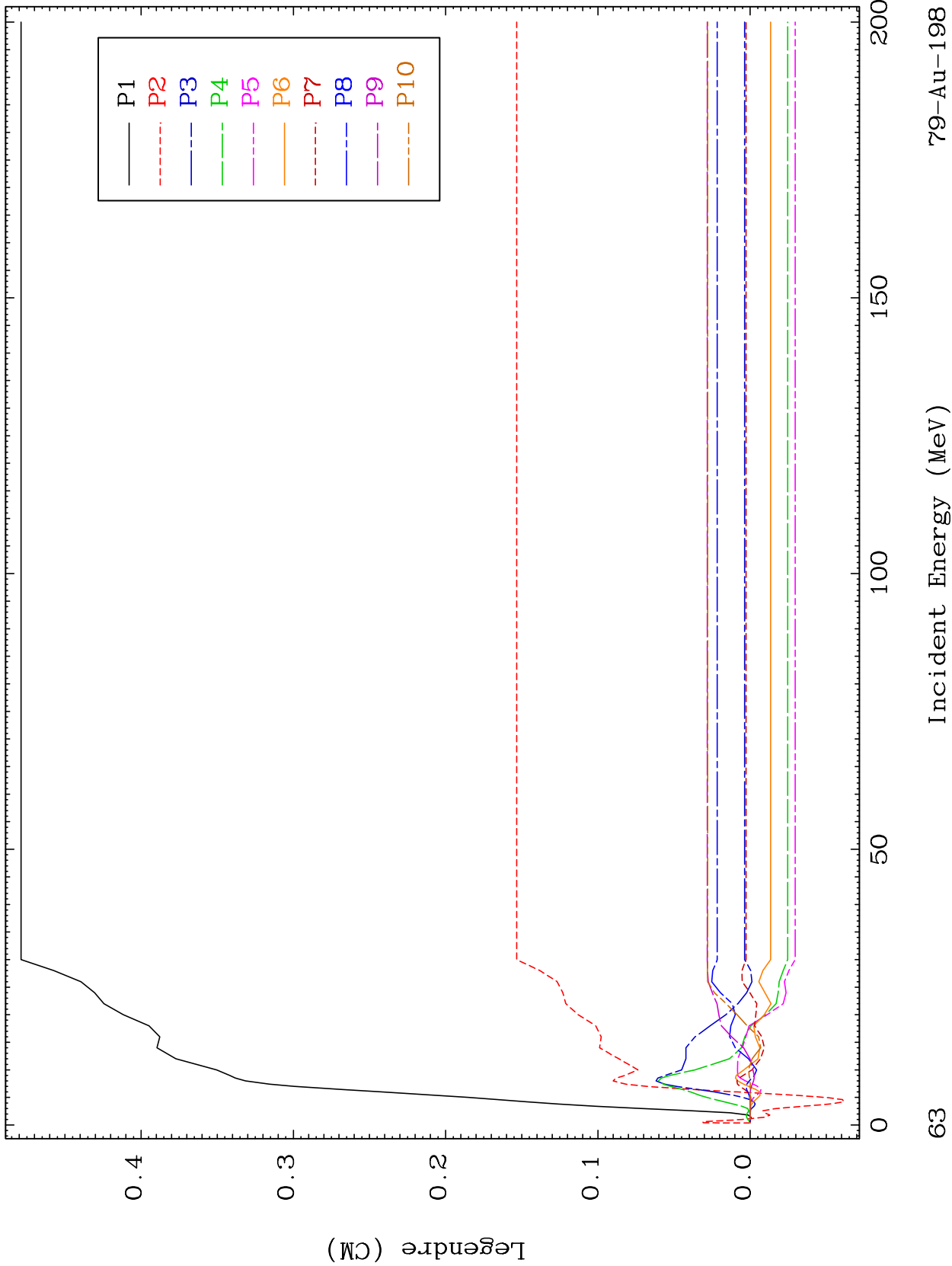
61

79-Au-198

MAT 7928

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

79-Au-198



79-Au-198

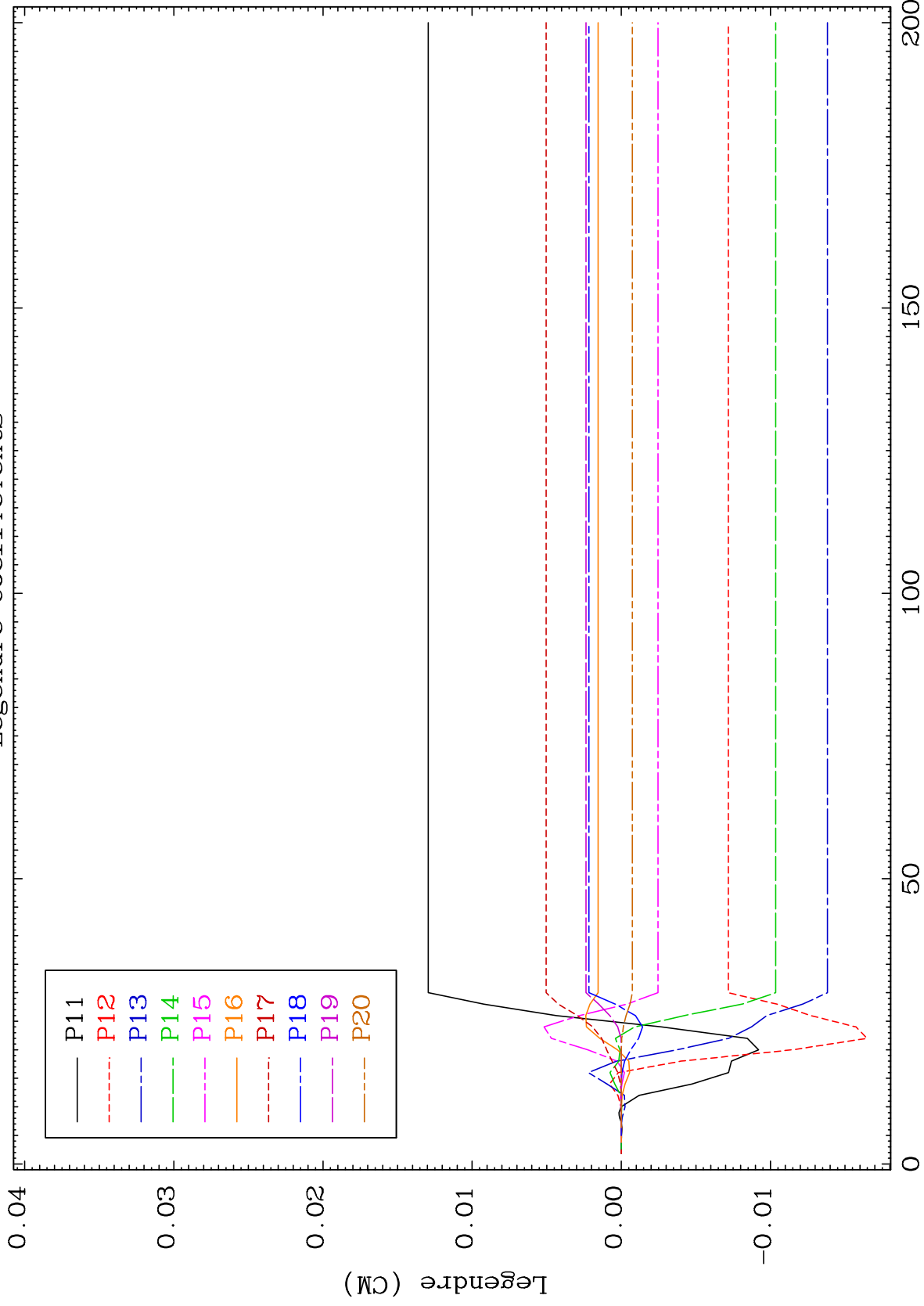
Incident Energy (MeV)

63

MAT 7928

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

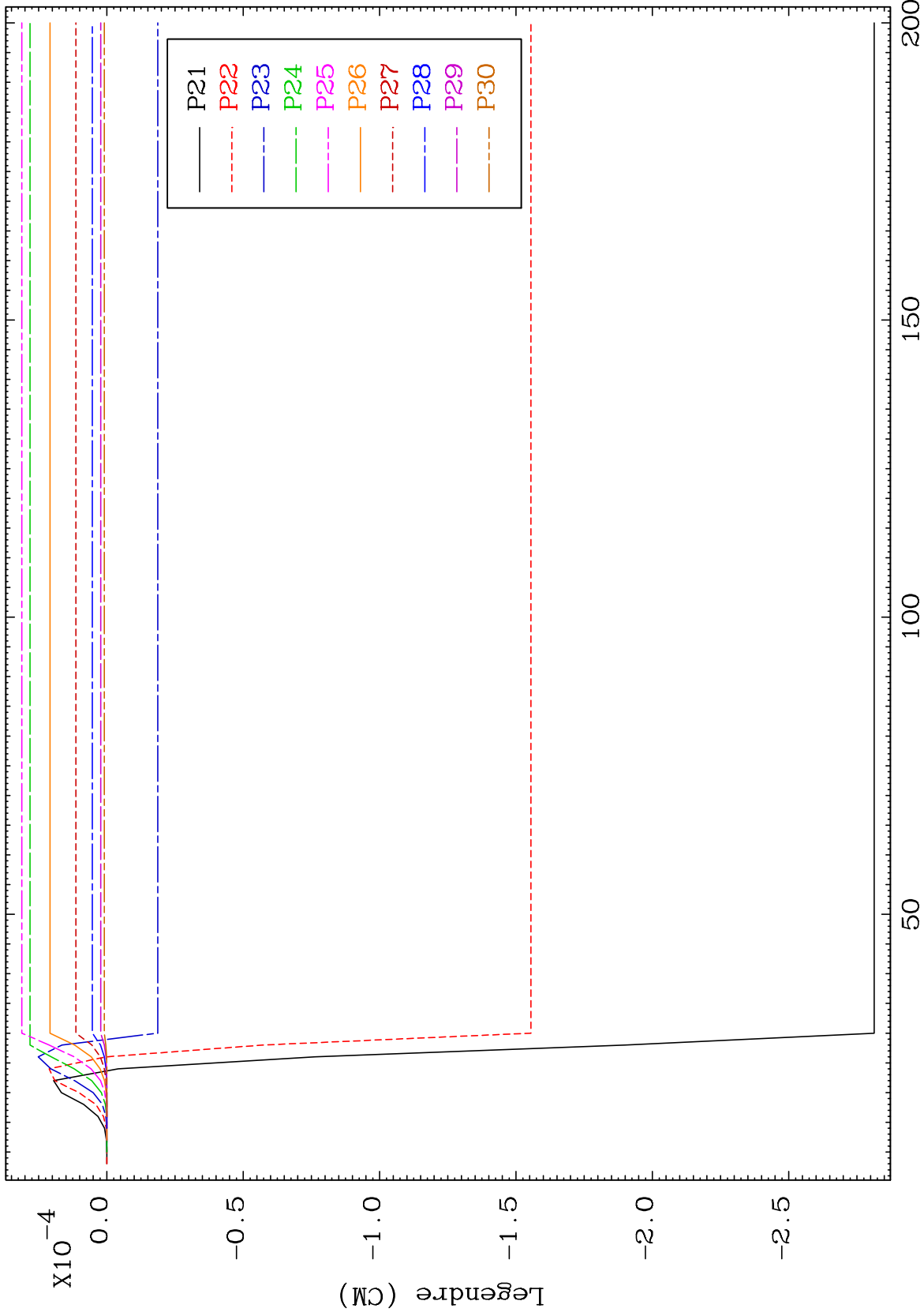
79-Au-198

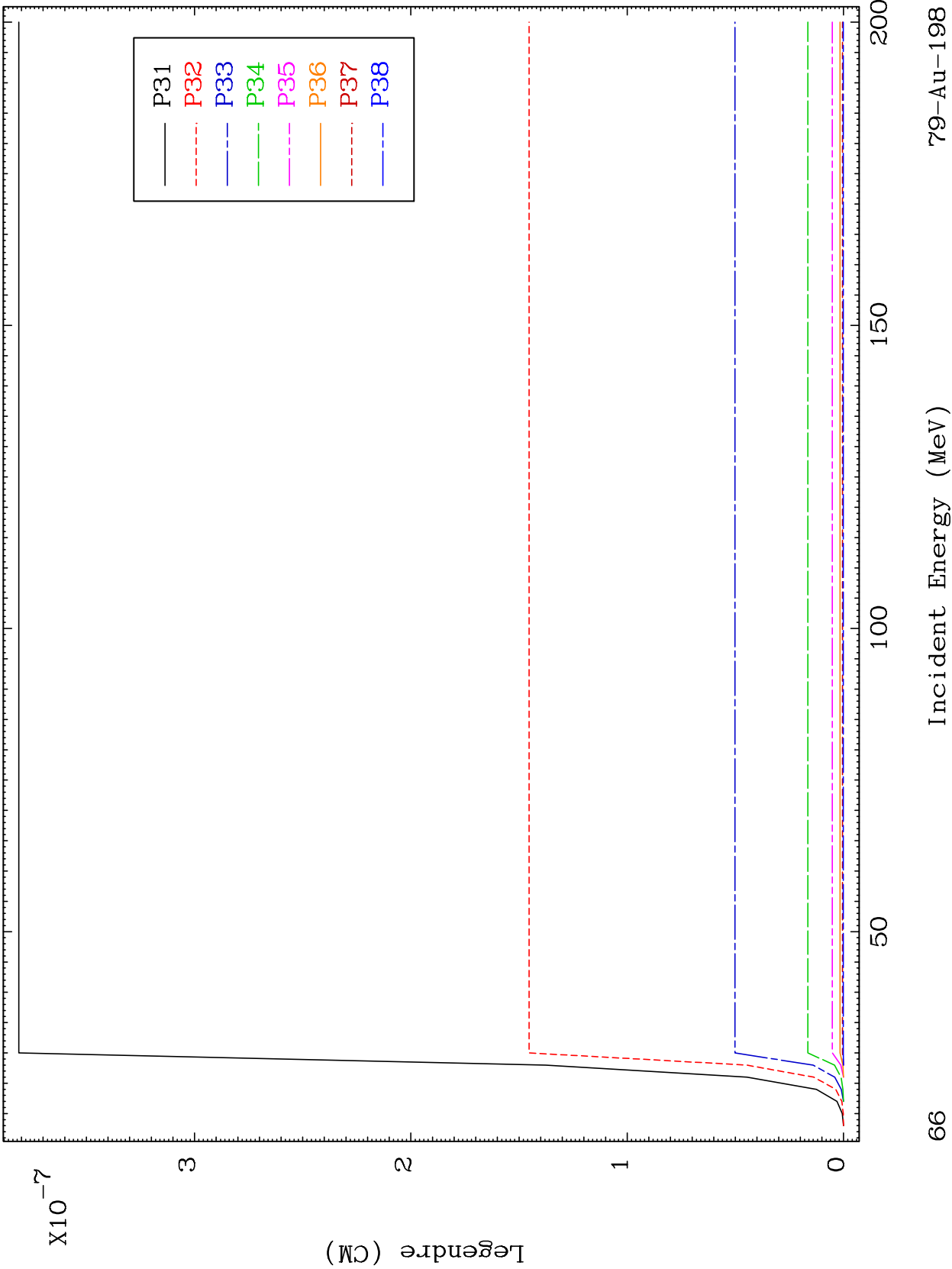


64

Incident Energy (MeV)

79-Au-198

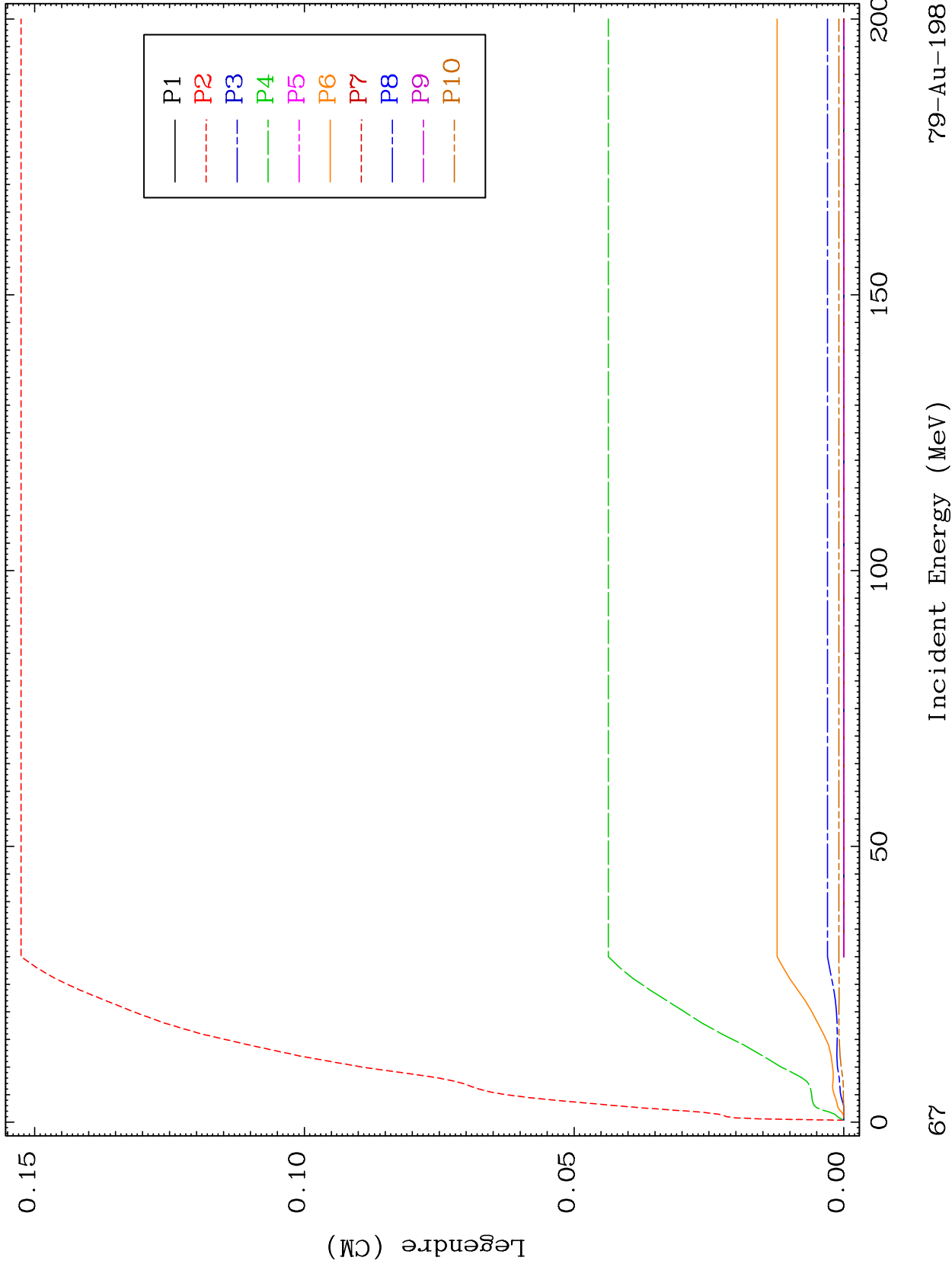




MAT 7928

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

79-Au-198



79-Au-198

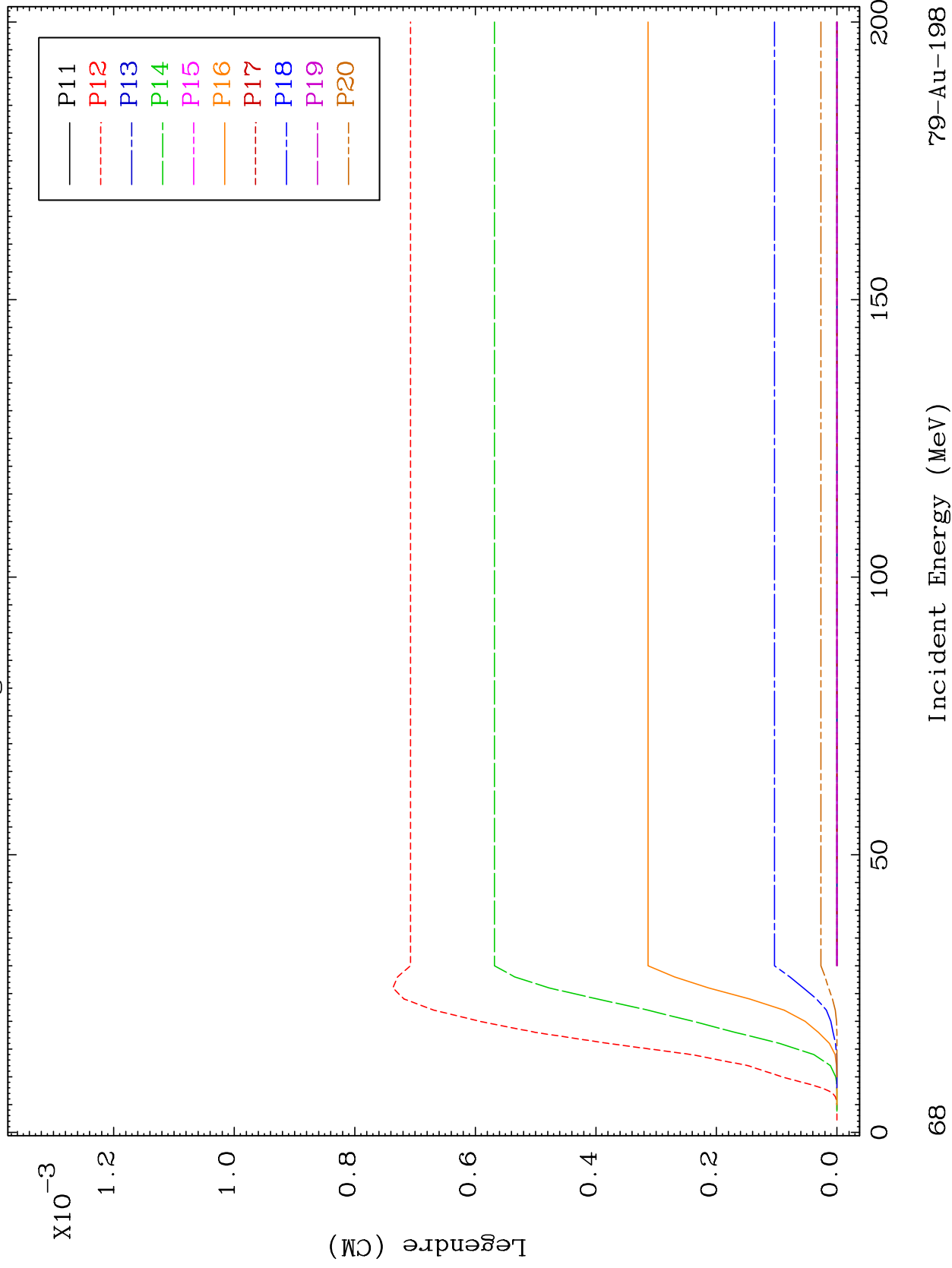
Incident Energy (MeV)

67

MAT 7928

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

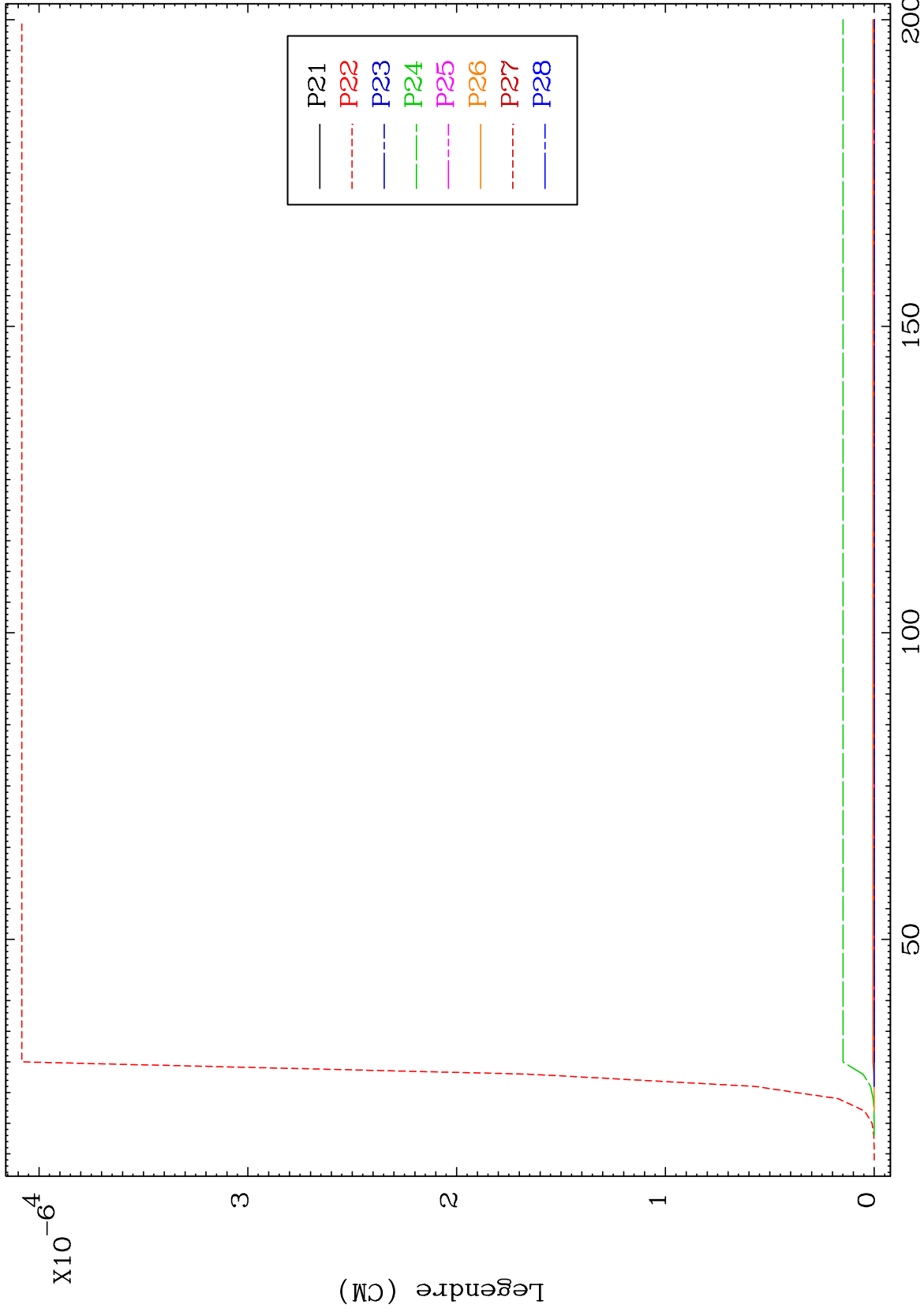
79-Au-198



MAT 7928

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

79-Au-198



69

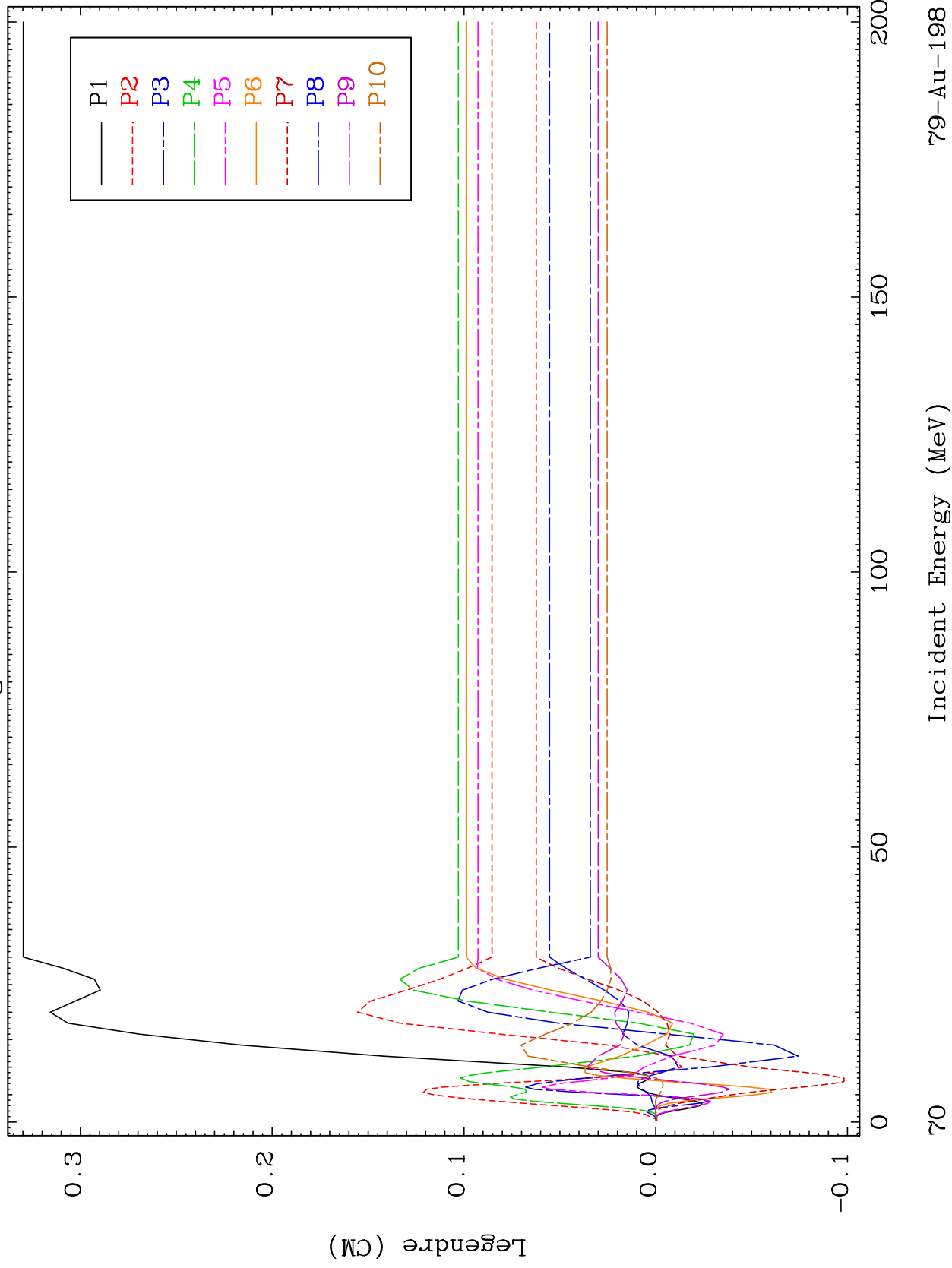
Incident Energy (MeV)

79-Au-198

MAT 7928

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

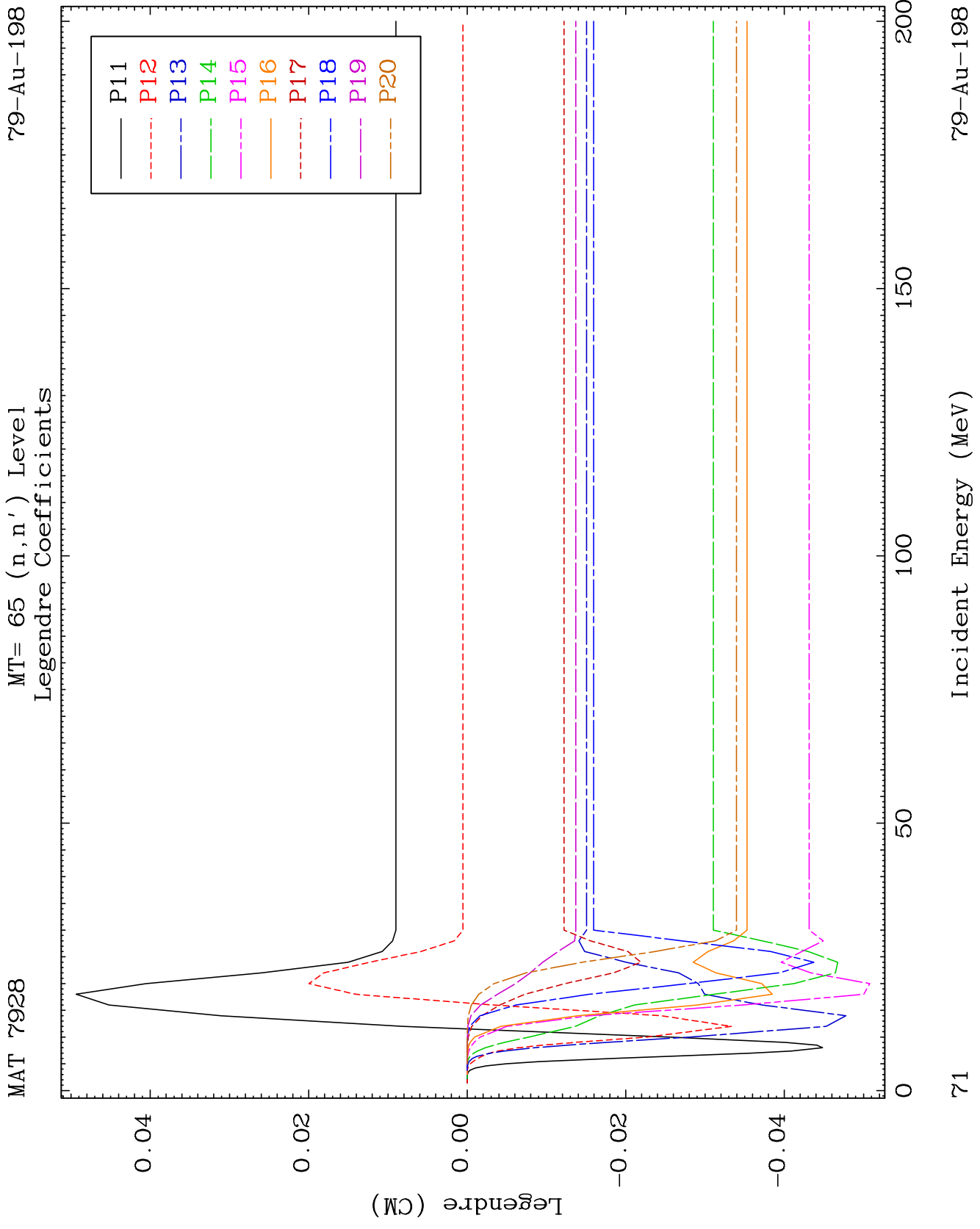
79-Au-198



79-Au-198

Incident Energy (MeV)

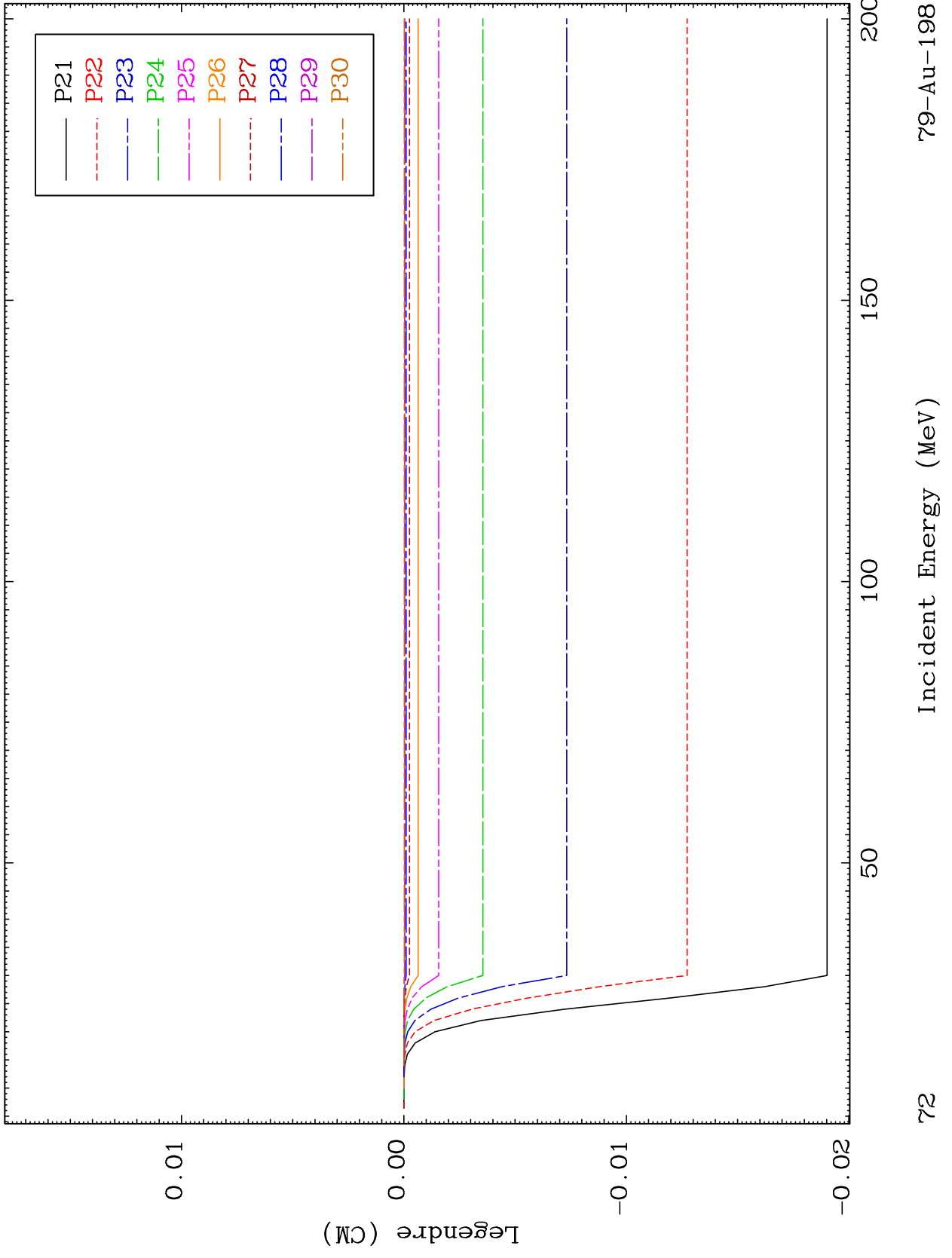
70



MAT 7928

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

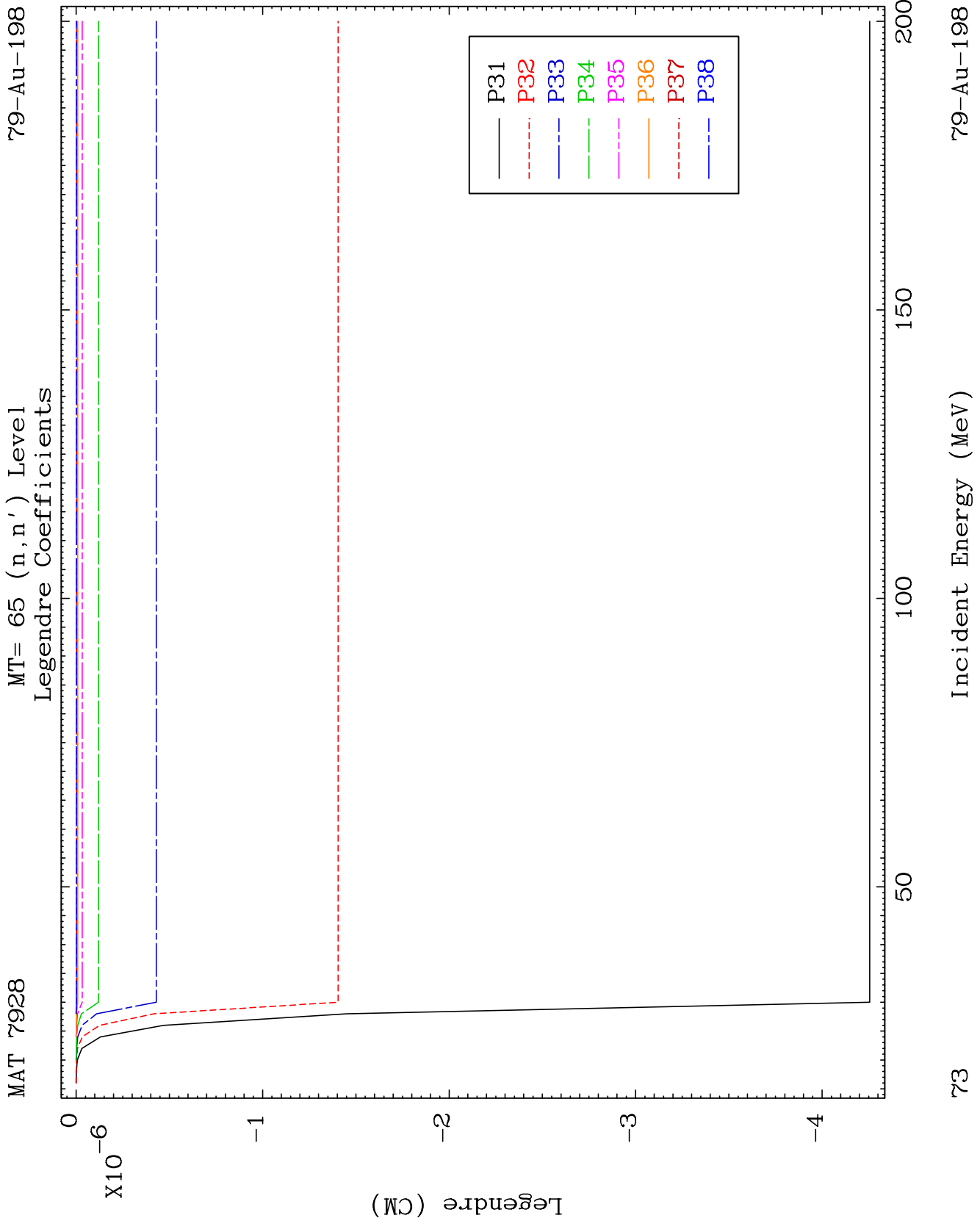
79-Au-198



72

Incident Energy (MeV)

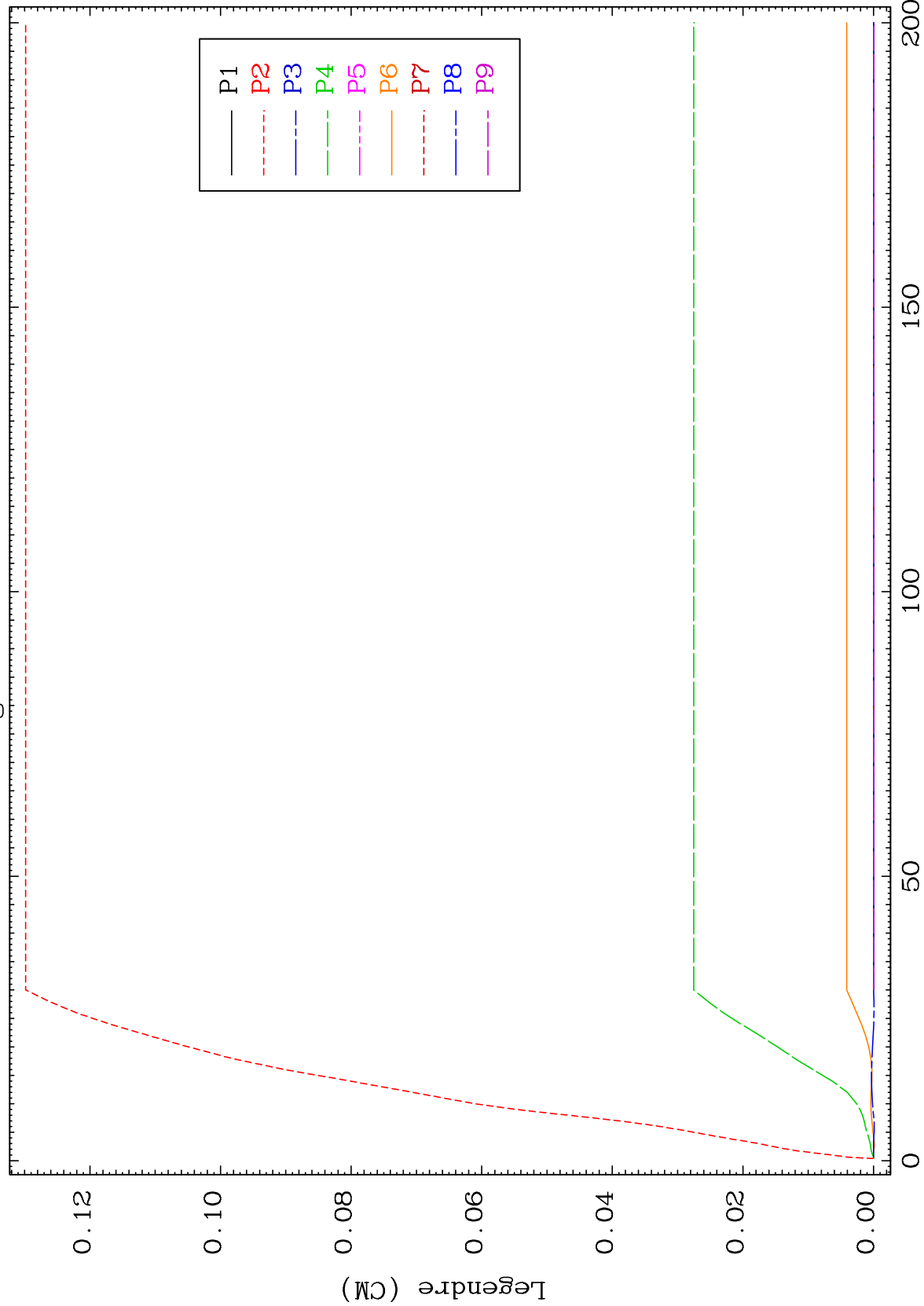
79-Au-198



MAT 7928

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

79-Au-198



74

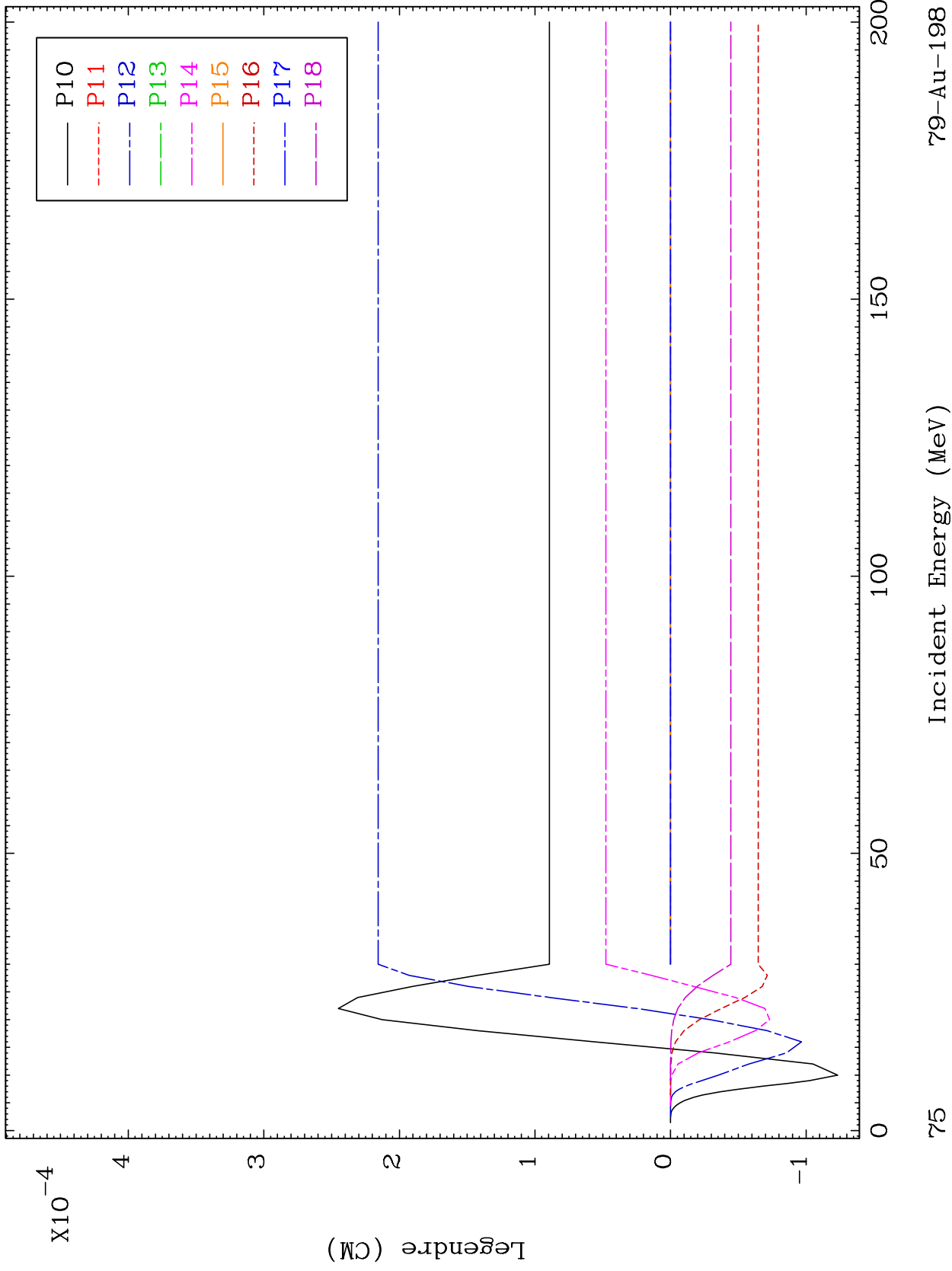
Incident Energy (MeV)

79-Au-198

MAT 7928

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

79-Au-198



79-Au-198

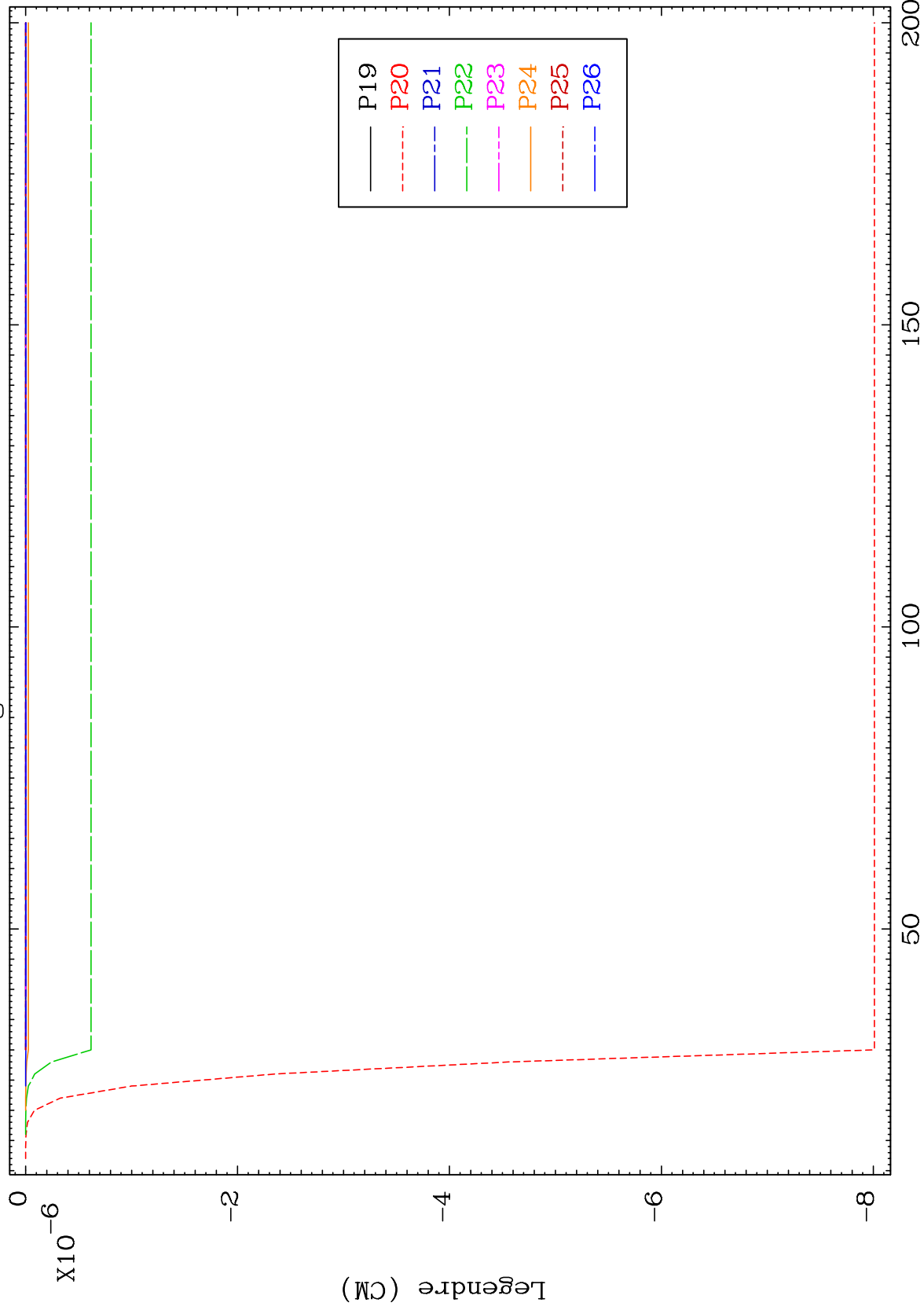
Incident Energy (MeV)

75

MAT 7928

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

79-Au-198



76

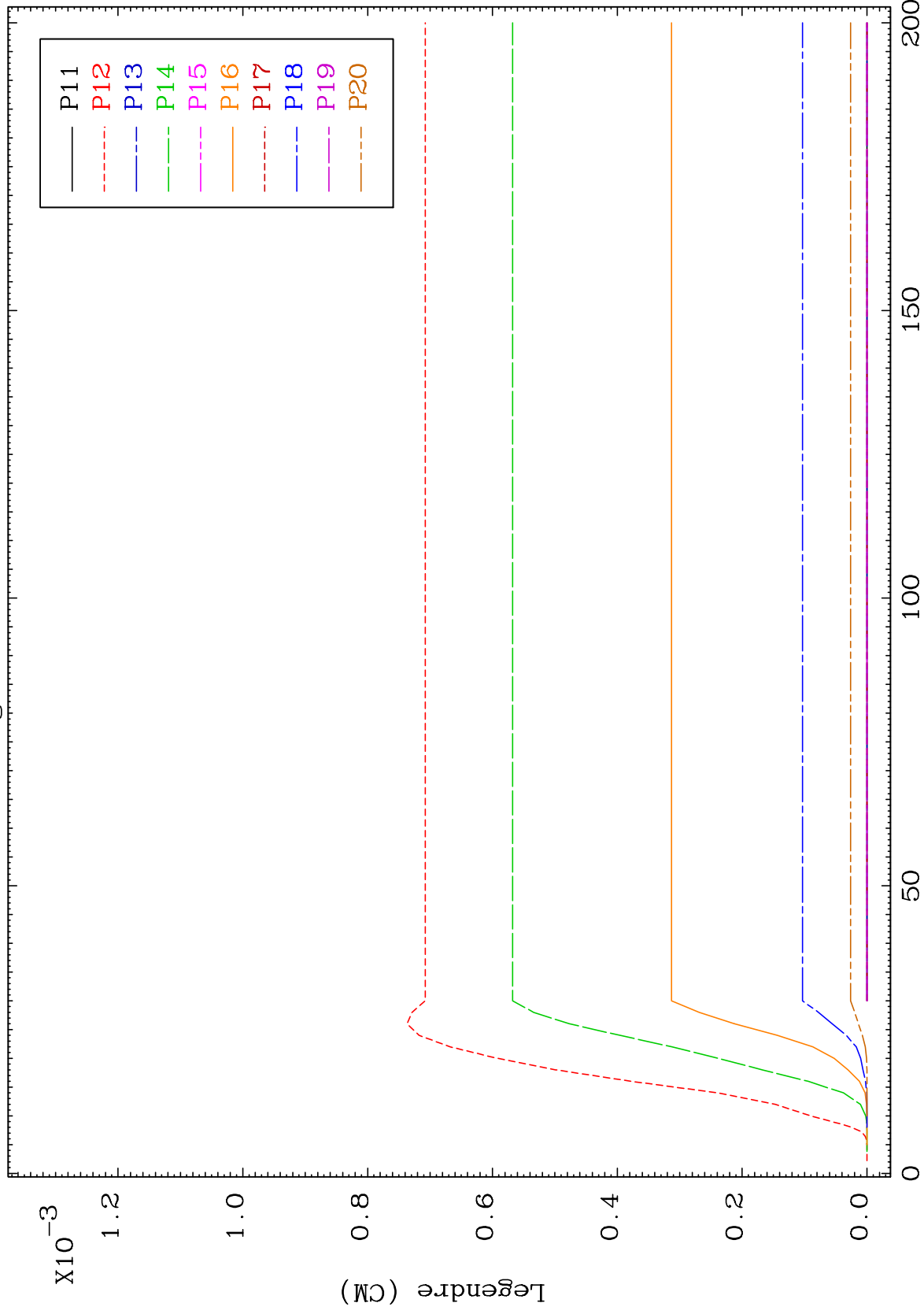
Incident Energy (MeV)

79-Au-198

MAT 7928

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

79-Au-198



78

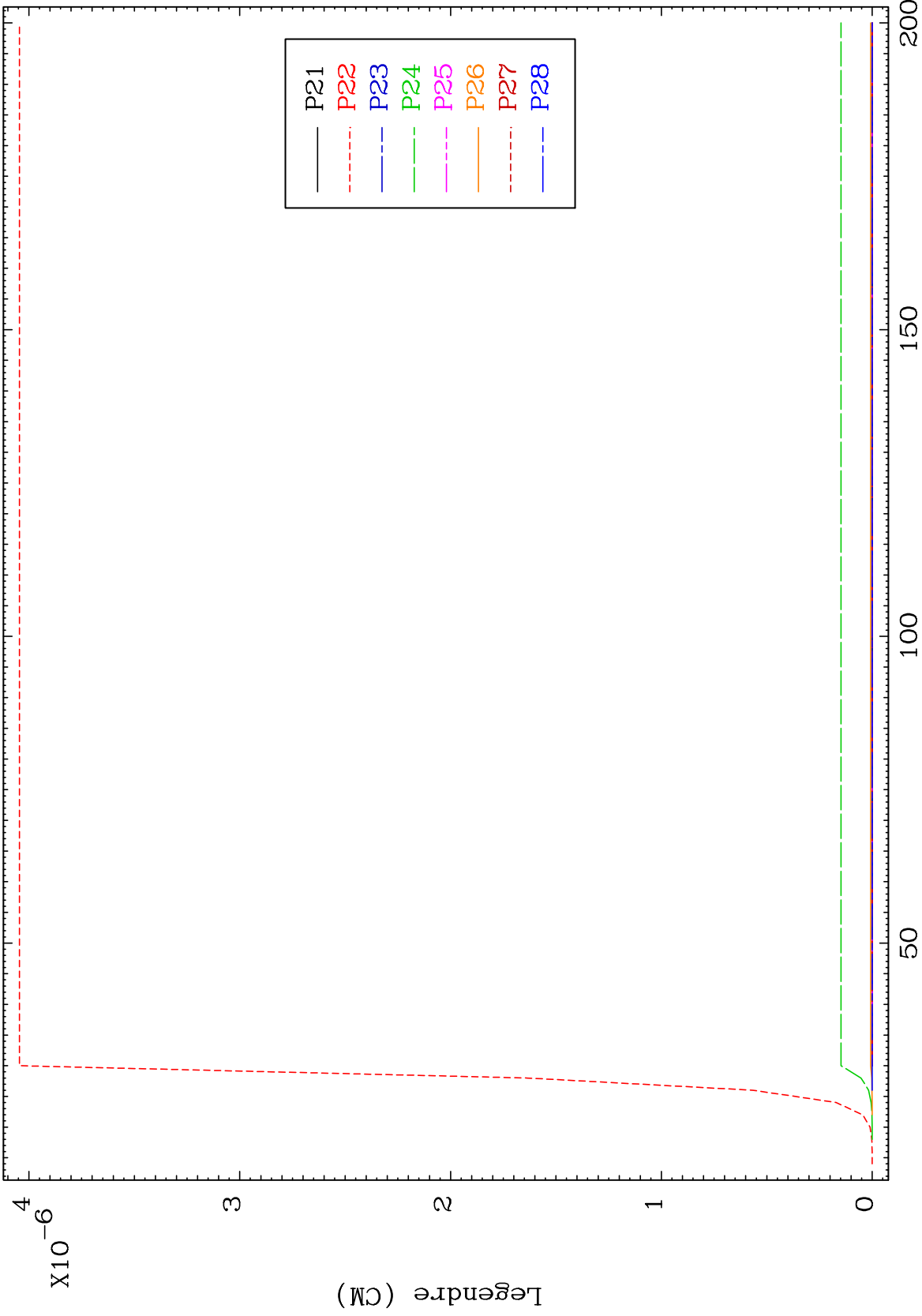
Incident Energy (MeV)

79-Au-198

MAT 7928

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

79-Au-198



79

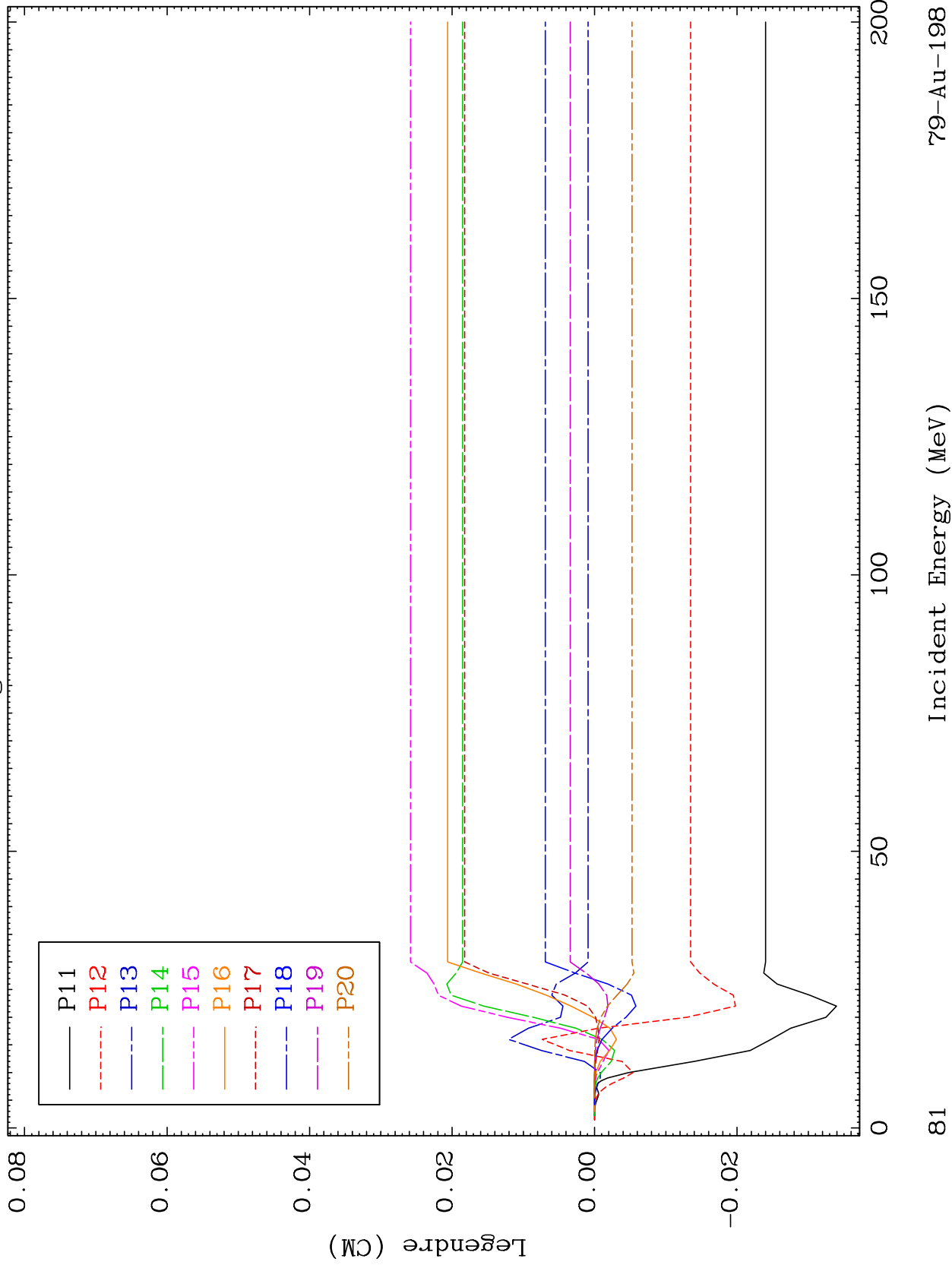
Incident Energy (MeV)

79-Au-198

MAT 7928

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

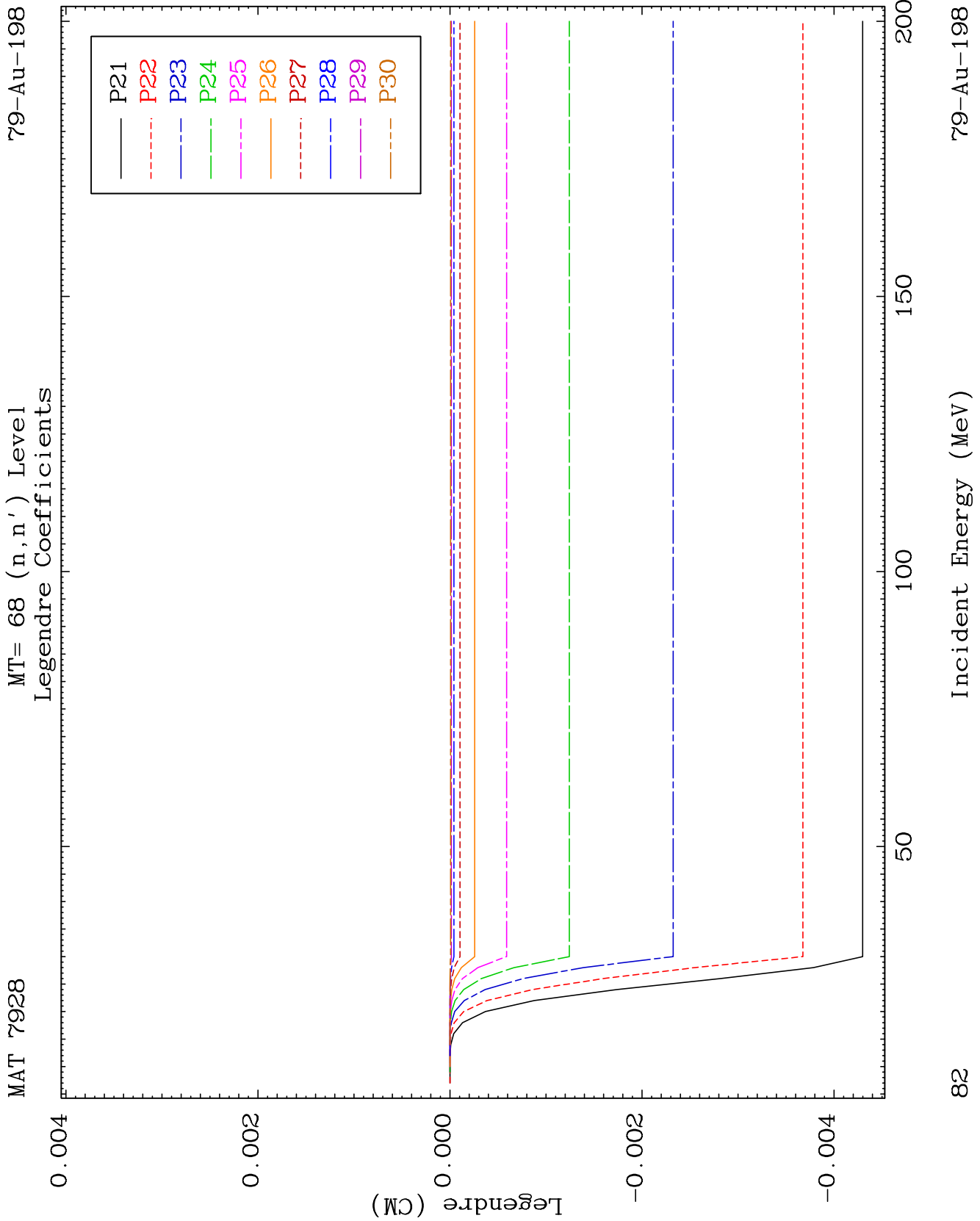
79-Au-198



81

Incident Energy (MeV)

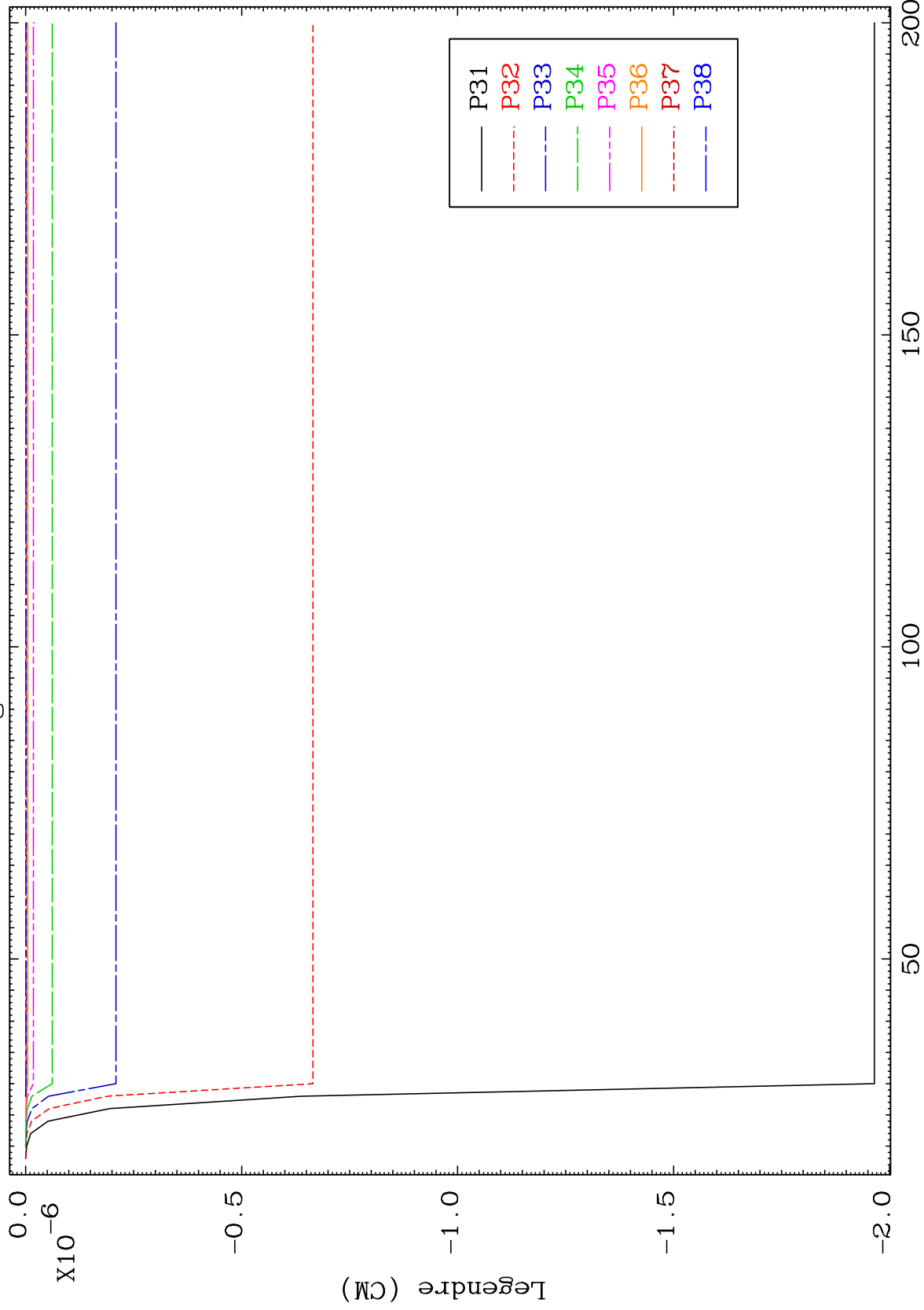
79-Au-198



MAT 7928

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

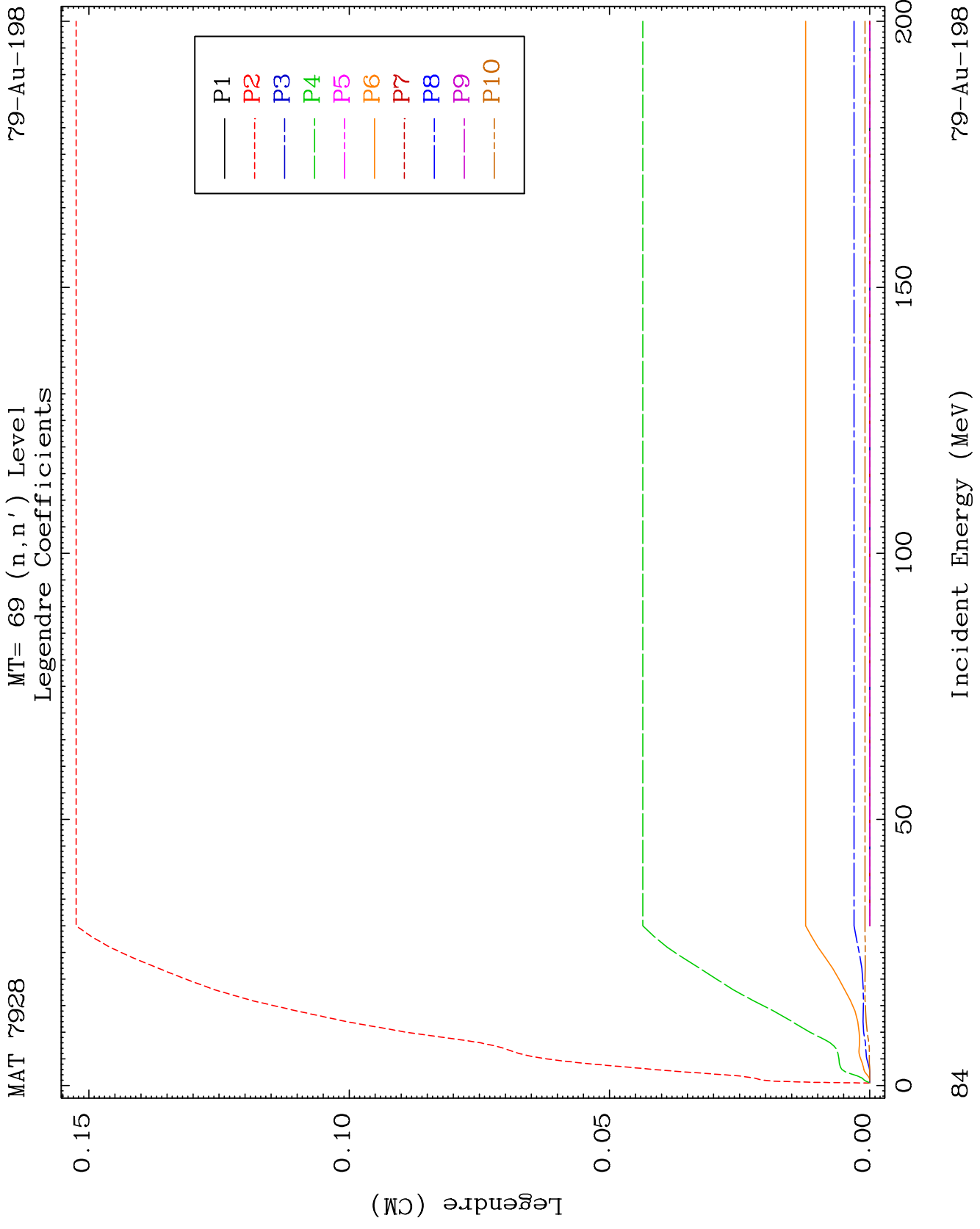
79-Au-198



83

Incident Energy (MeV)

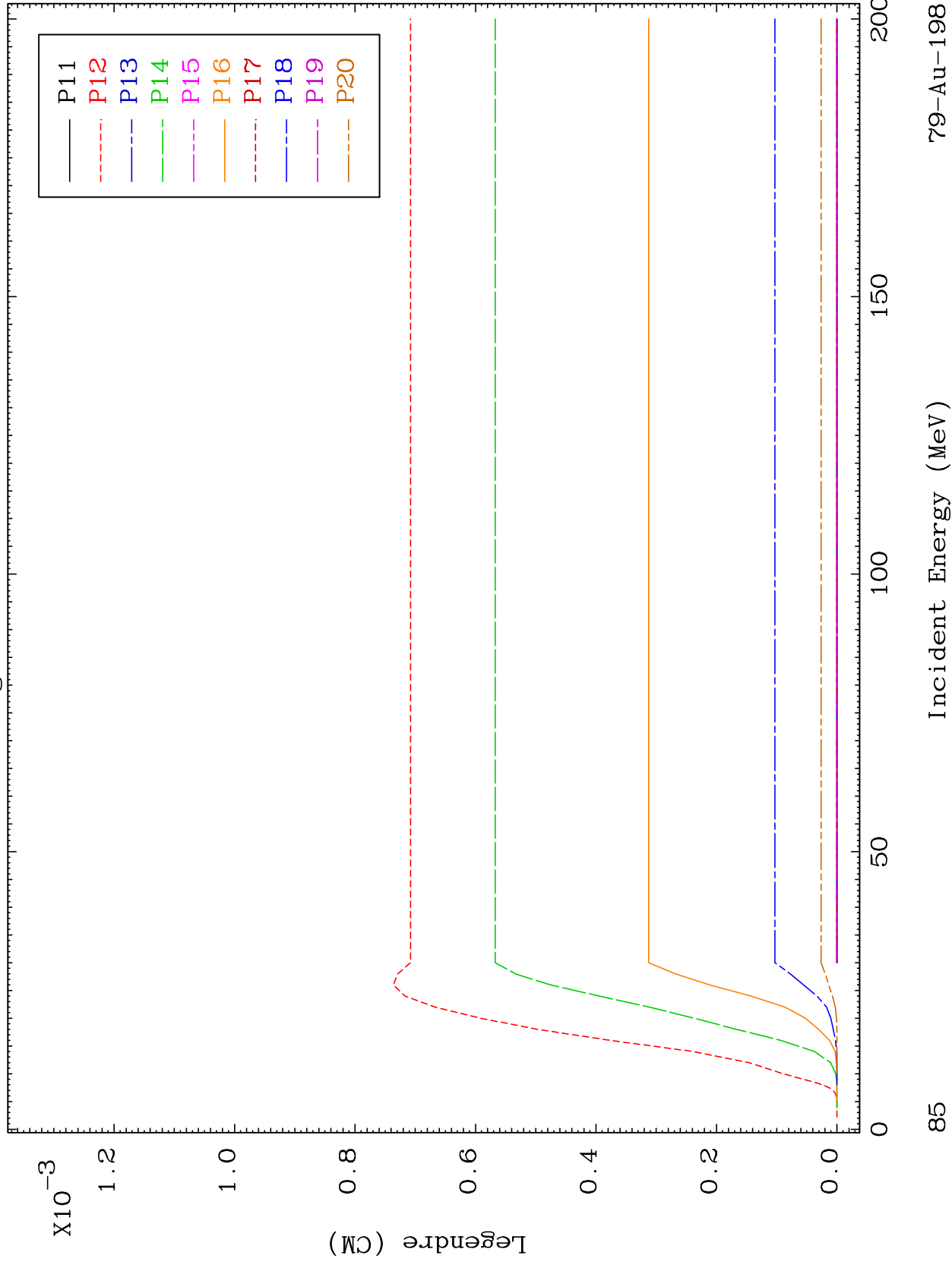
79-Au-198



MAT 7928

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

79-Au-198



85

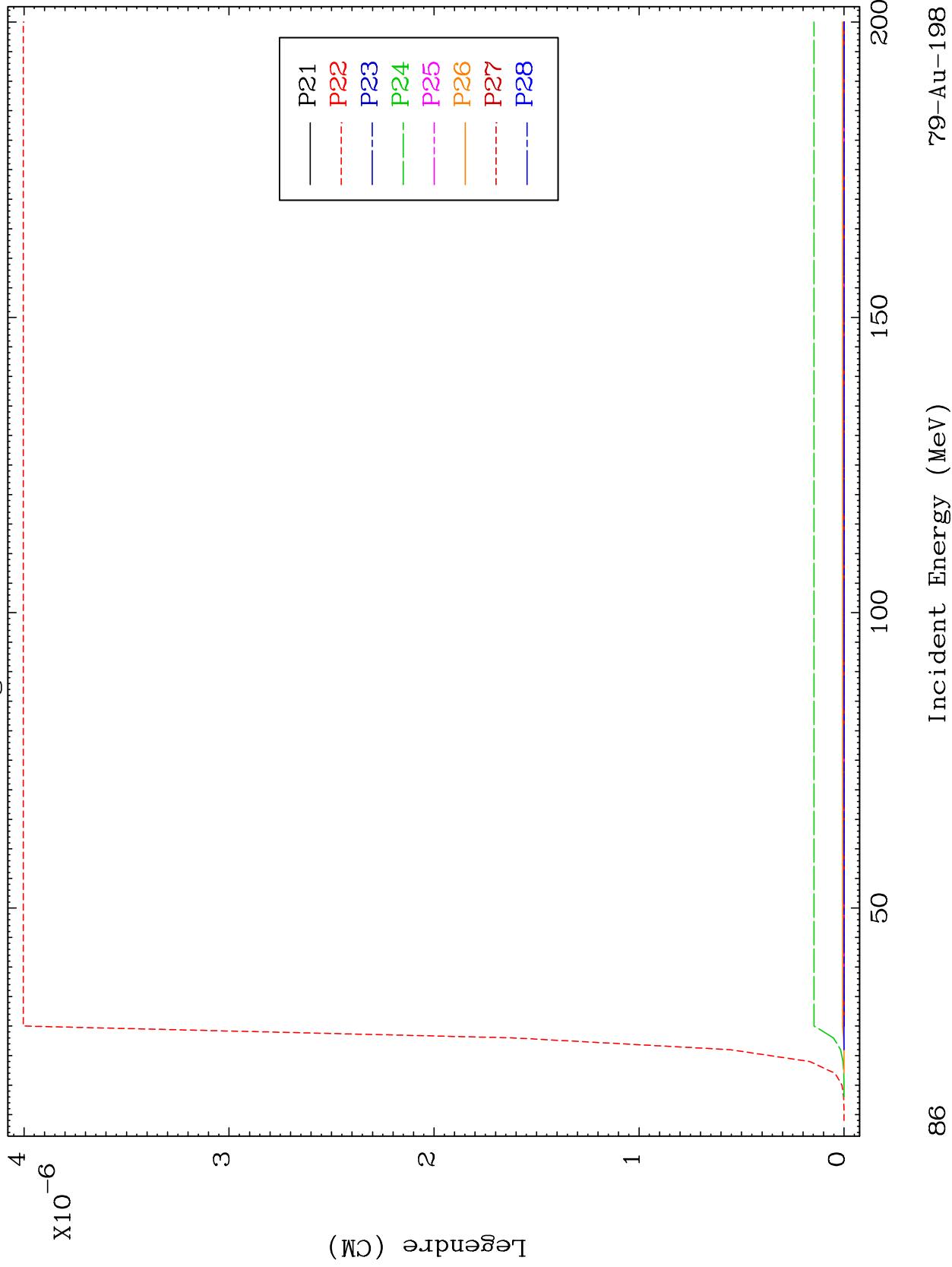
Incident Energy (MeV)

79-Au-198

MAT 7928

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

79-Au-198



86

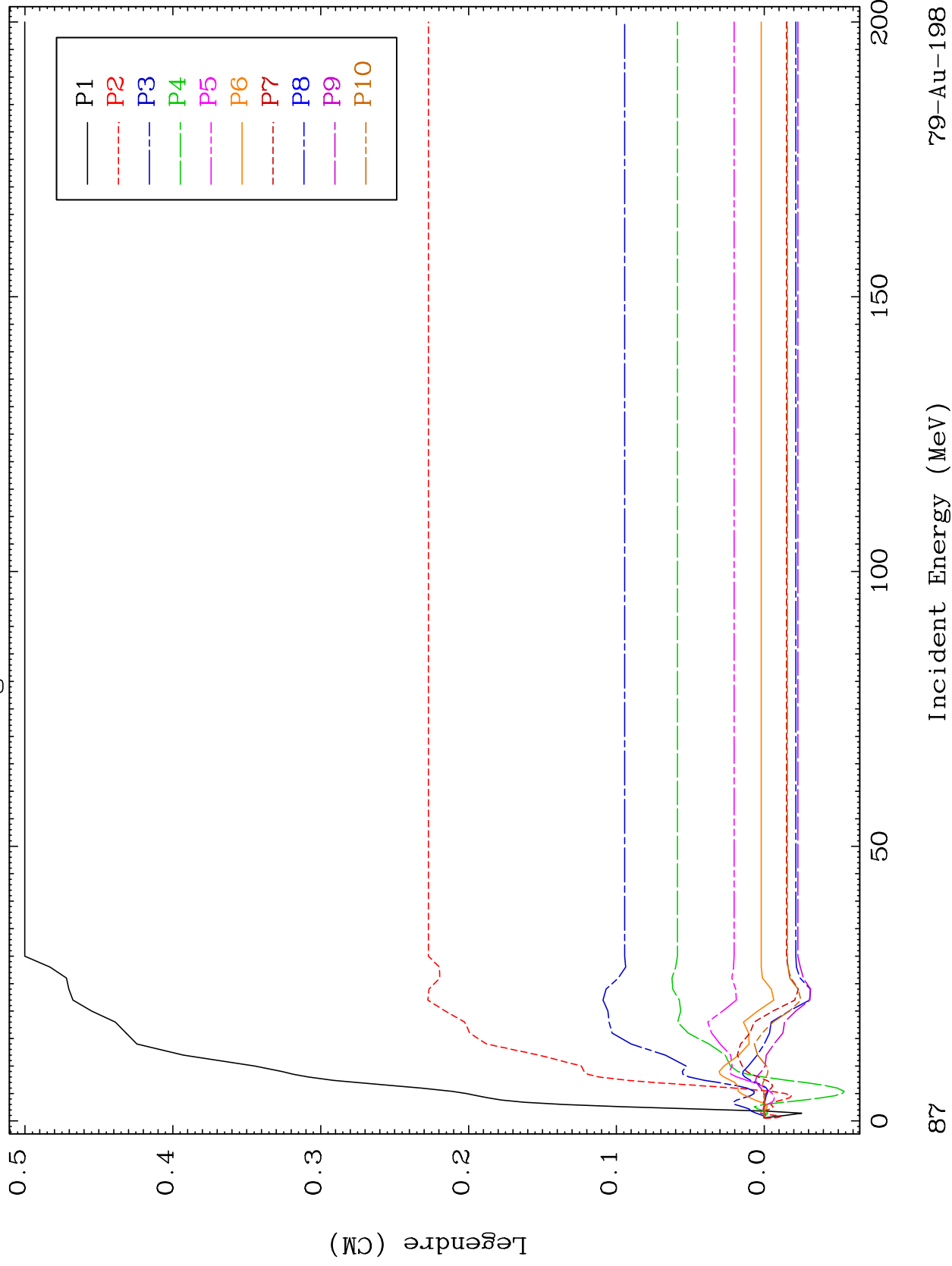
Incident Energy (MeV)

79-Au-198

MAT 7928

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

79-Au-198



79-Au-198

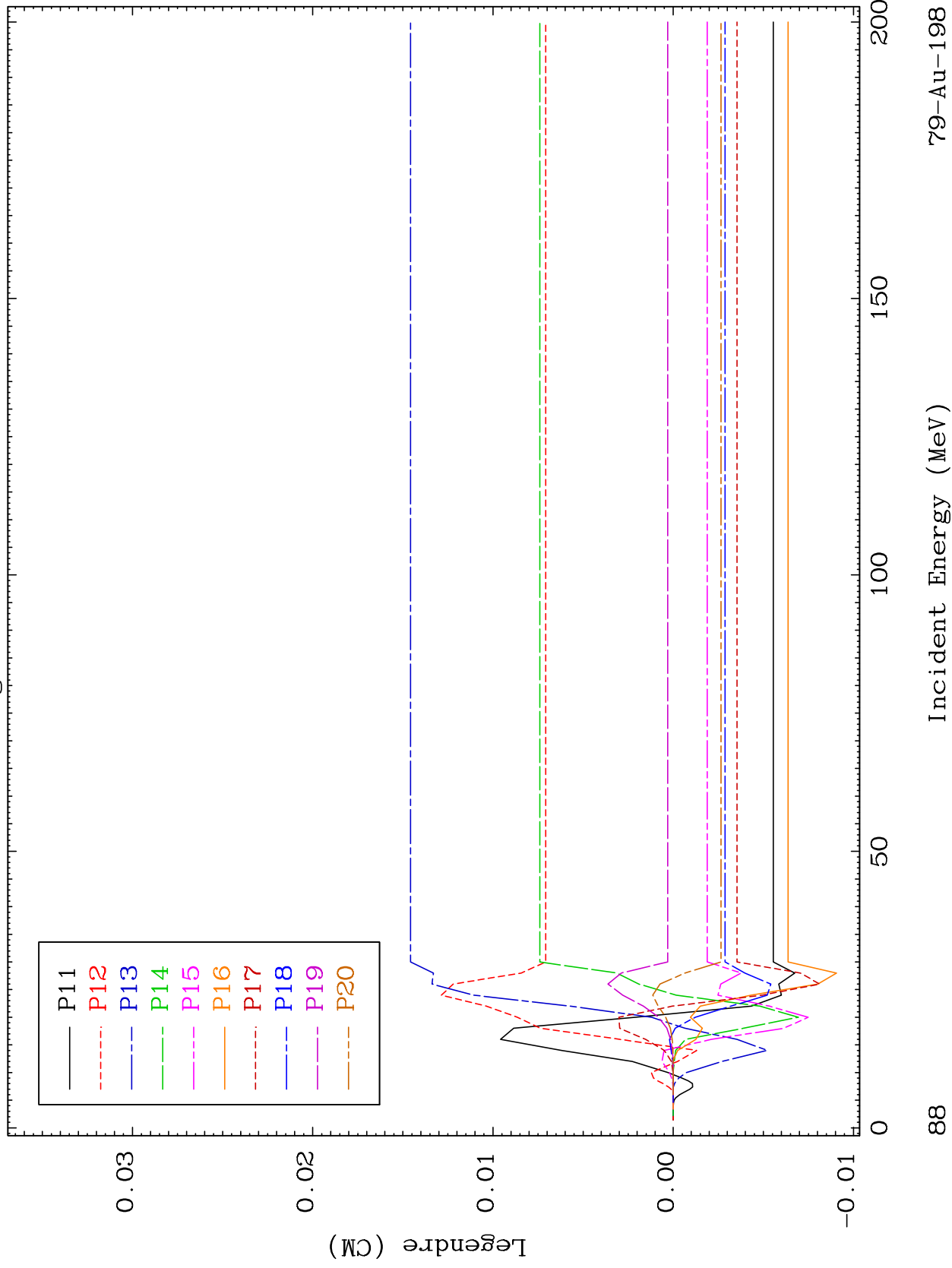
Incident Energy (MeV)

87

MAT 7928

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

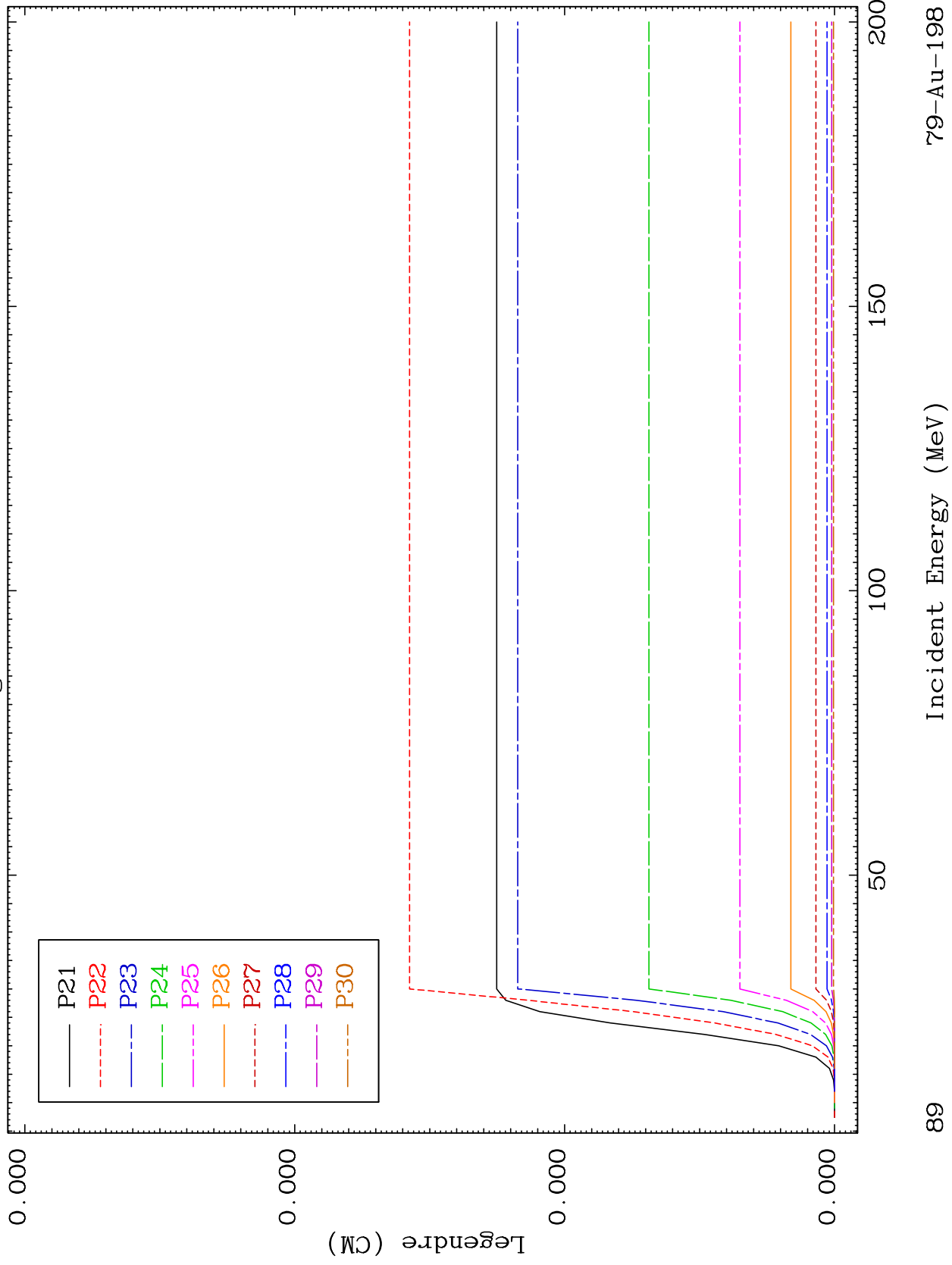
79-Au-198



MAT 7928

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

79-Au-198



89

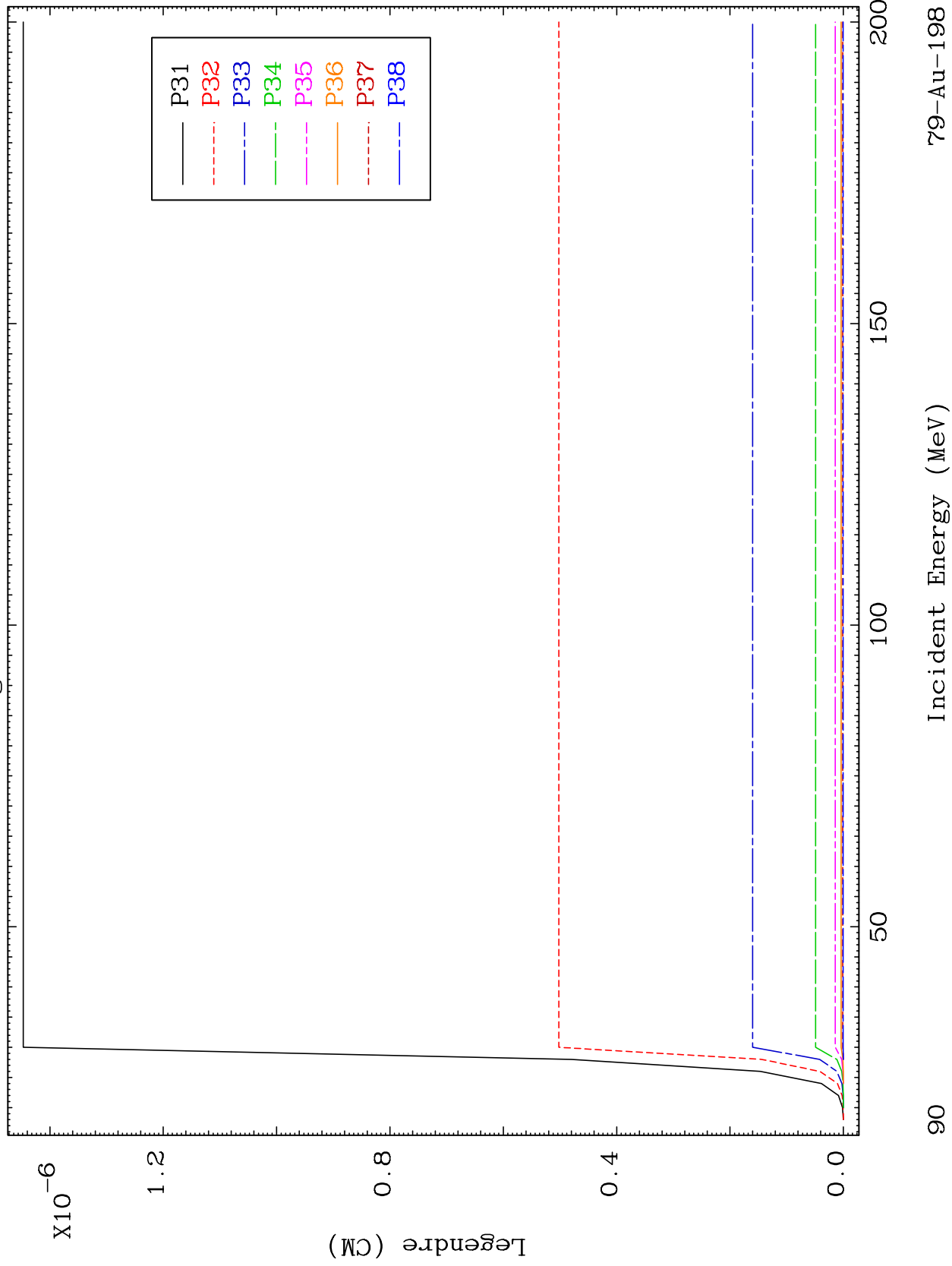
Incident Energy (MeV)

79-Au-198

MAT 7928

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

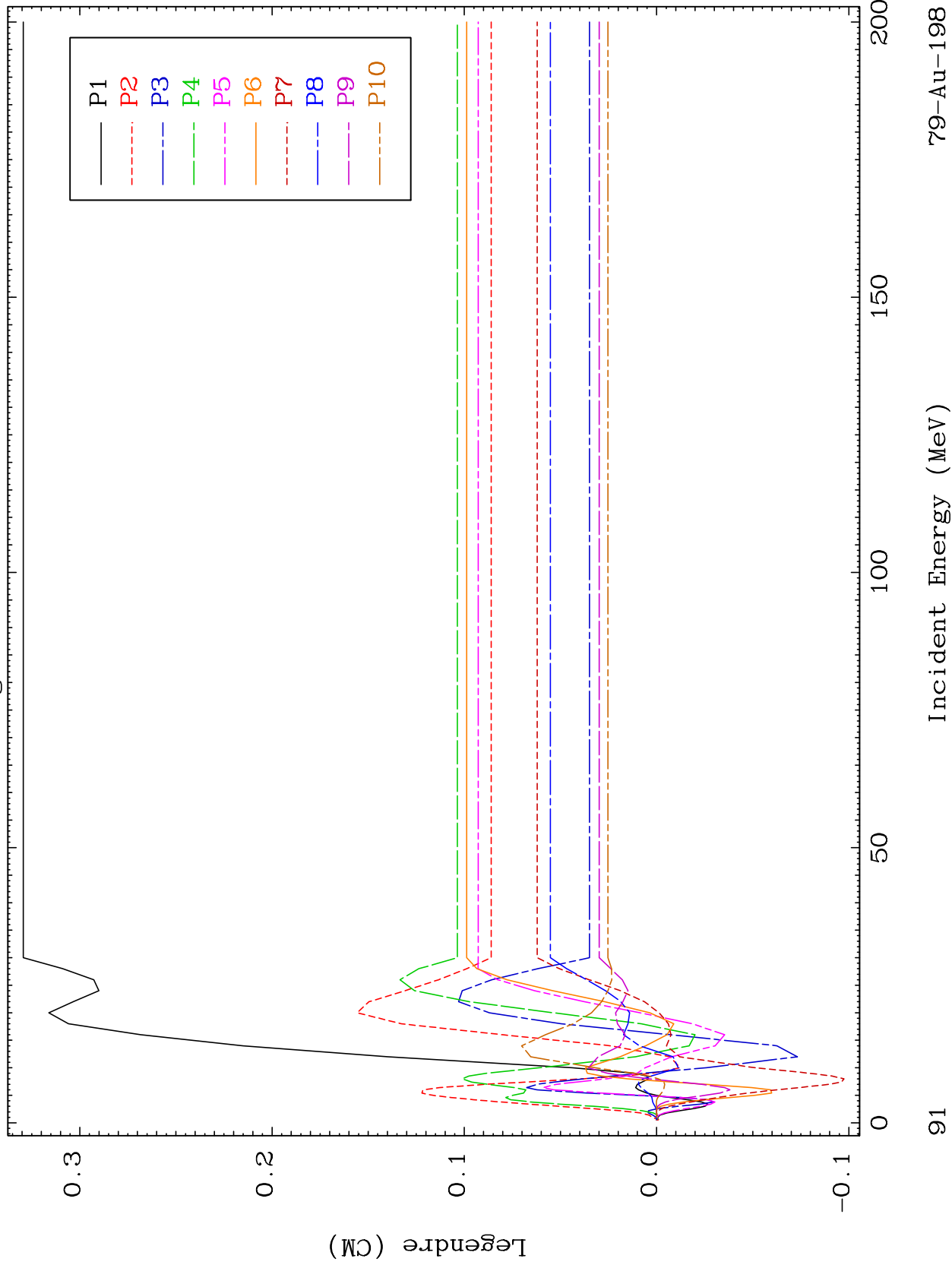
79-Au-198



MAT 7928

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

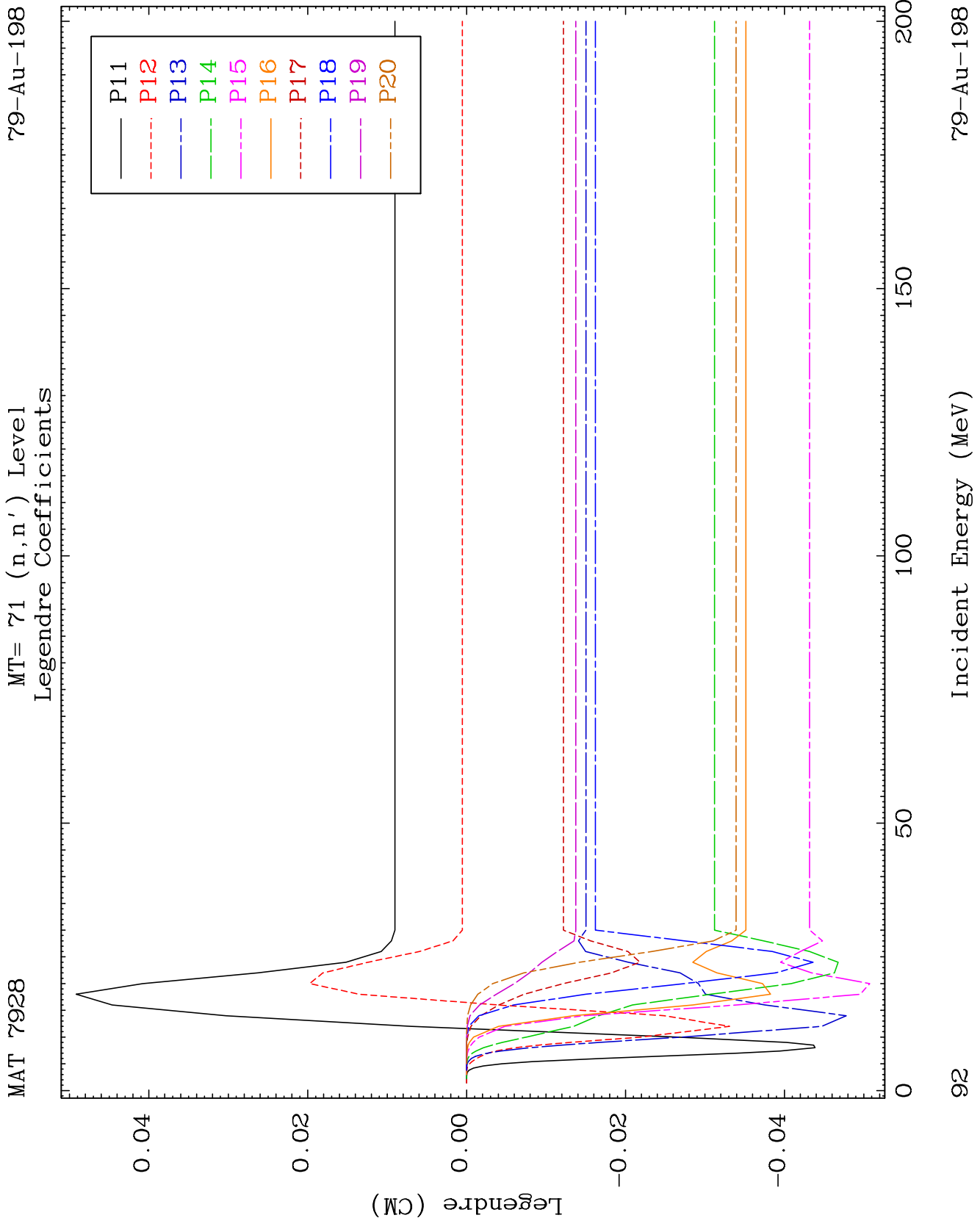
79-Au-198



79-Au-198

Incident Energy (MeV)

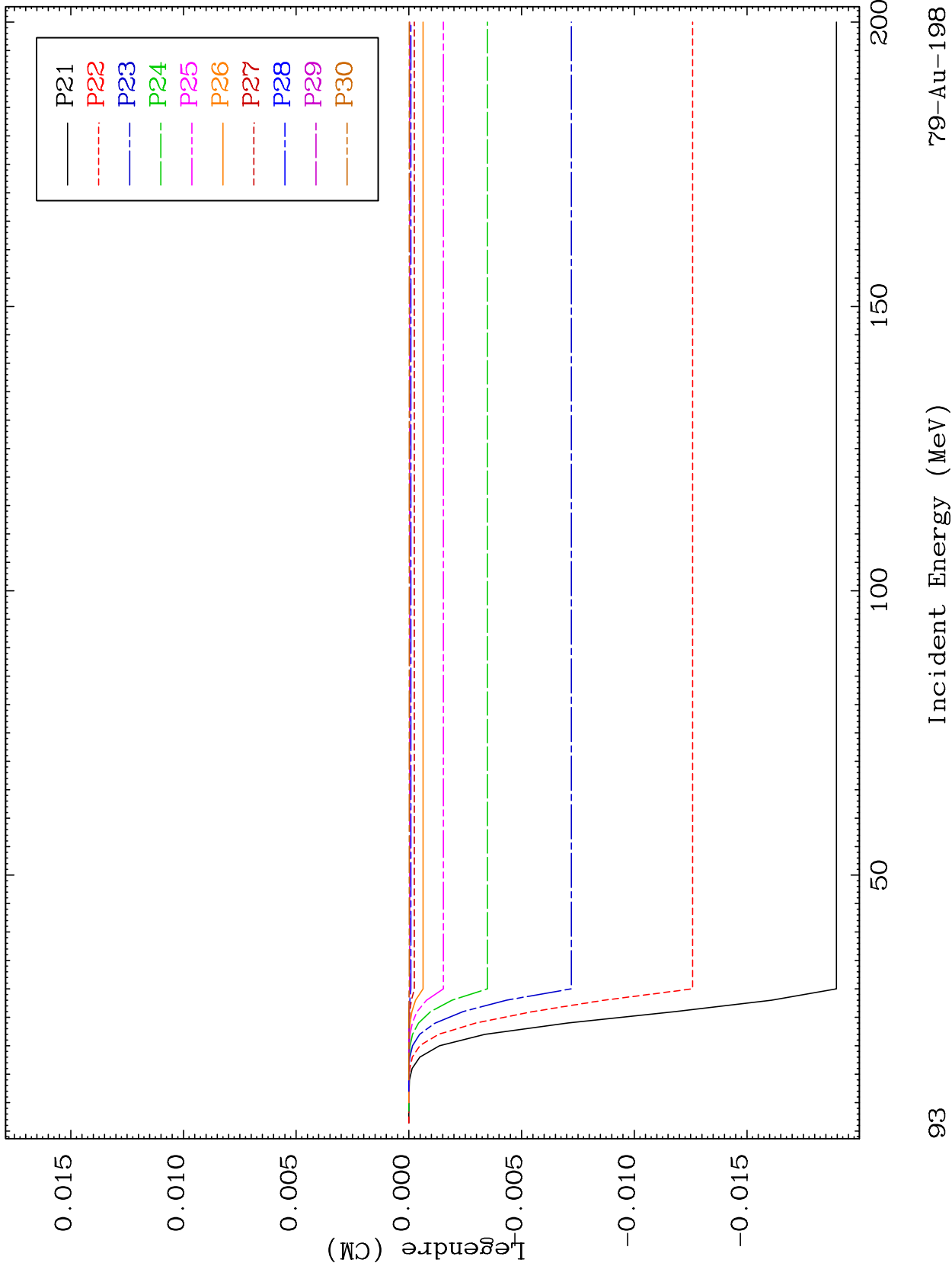
91



MAT 7928

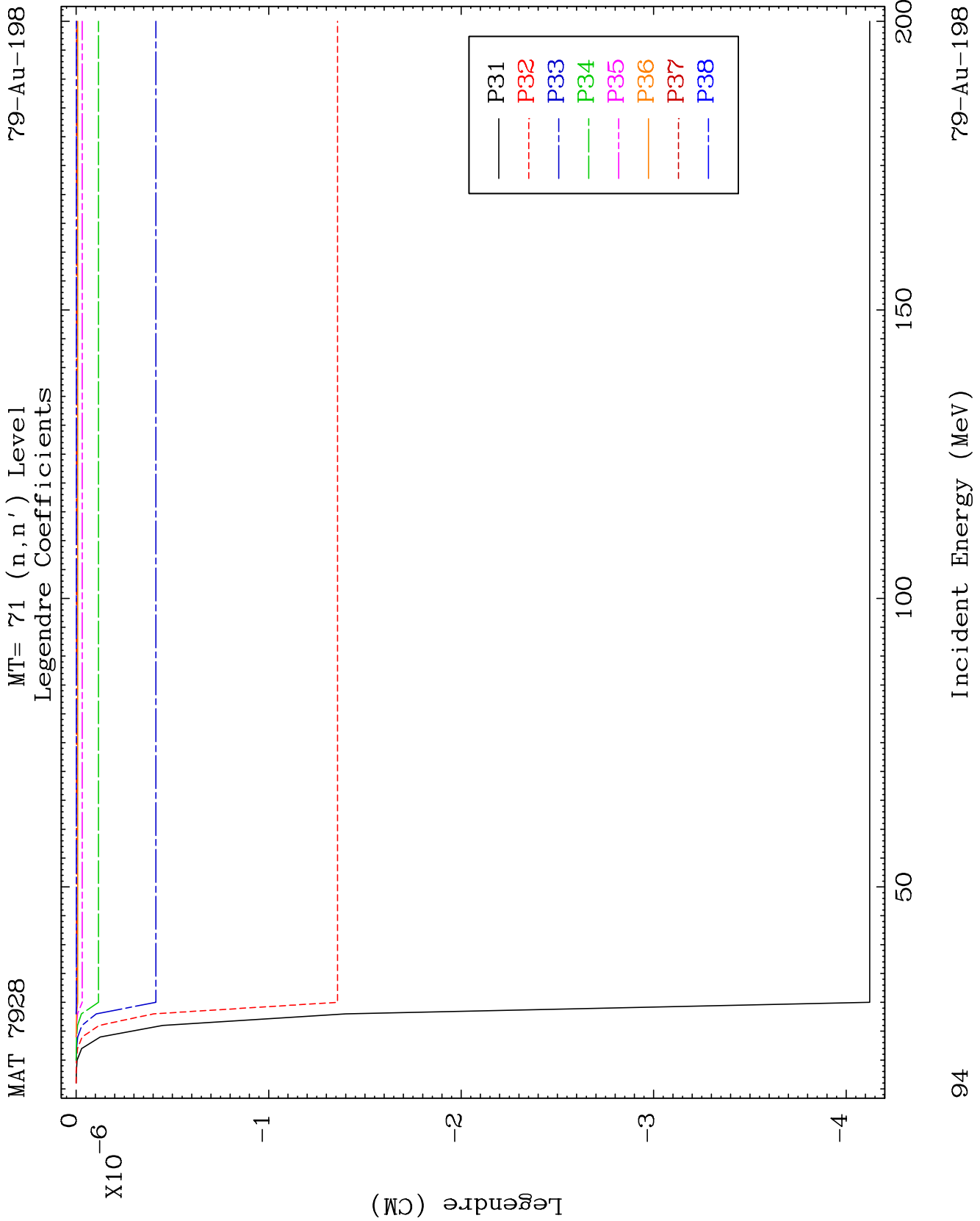
MT= 71 (n,n') Level
Legendre Coefficients

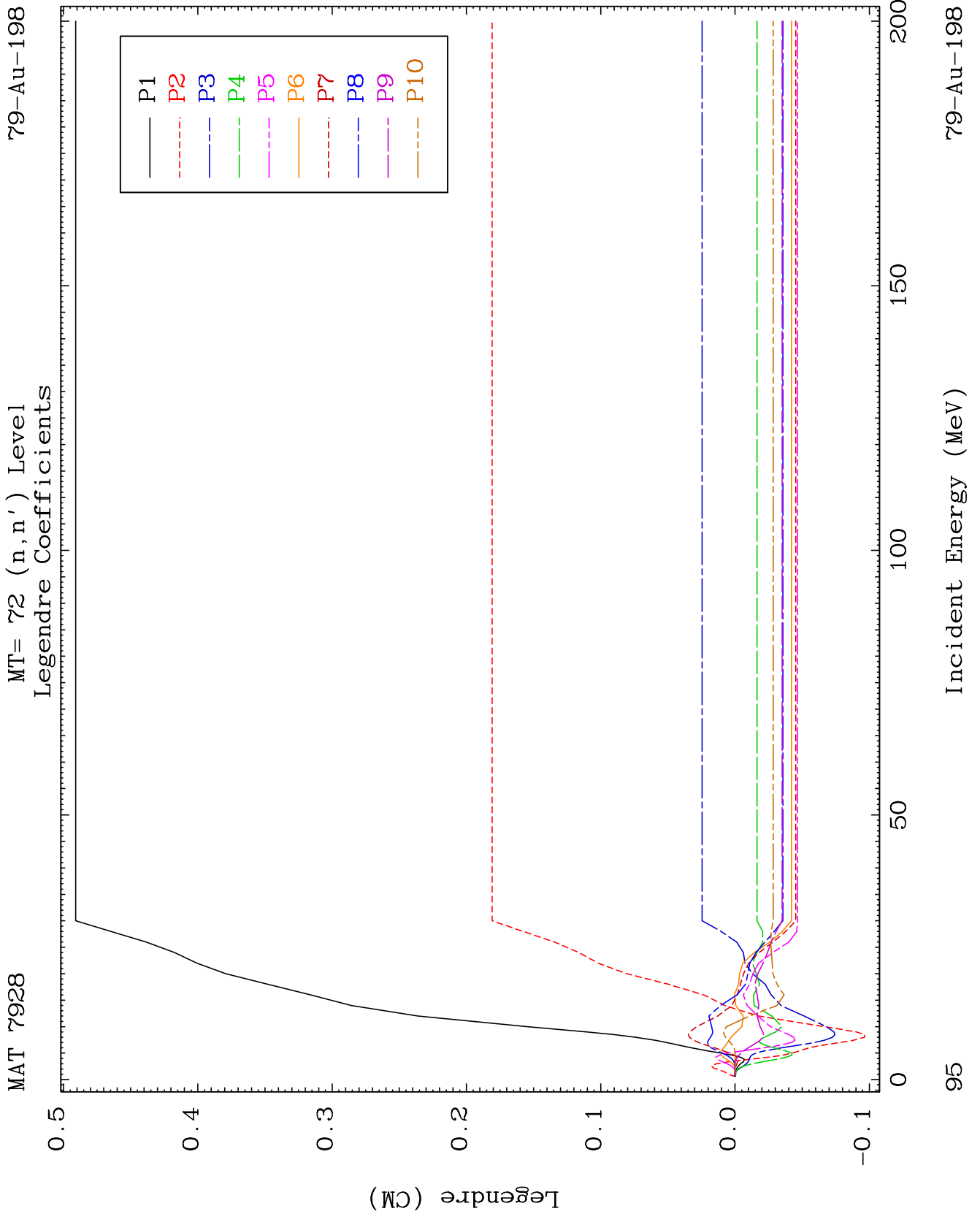
79-Au-198



93

79-Au-198

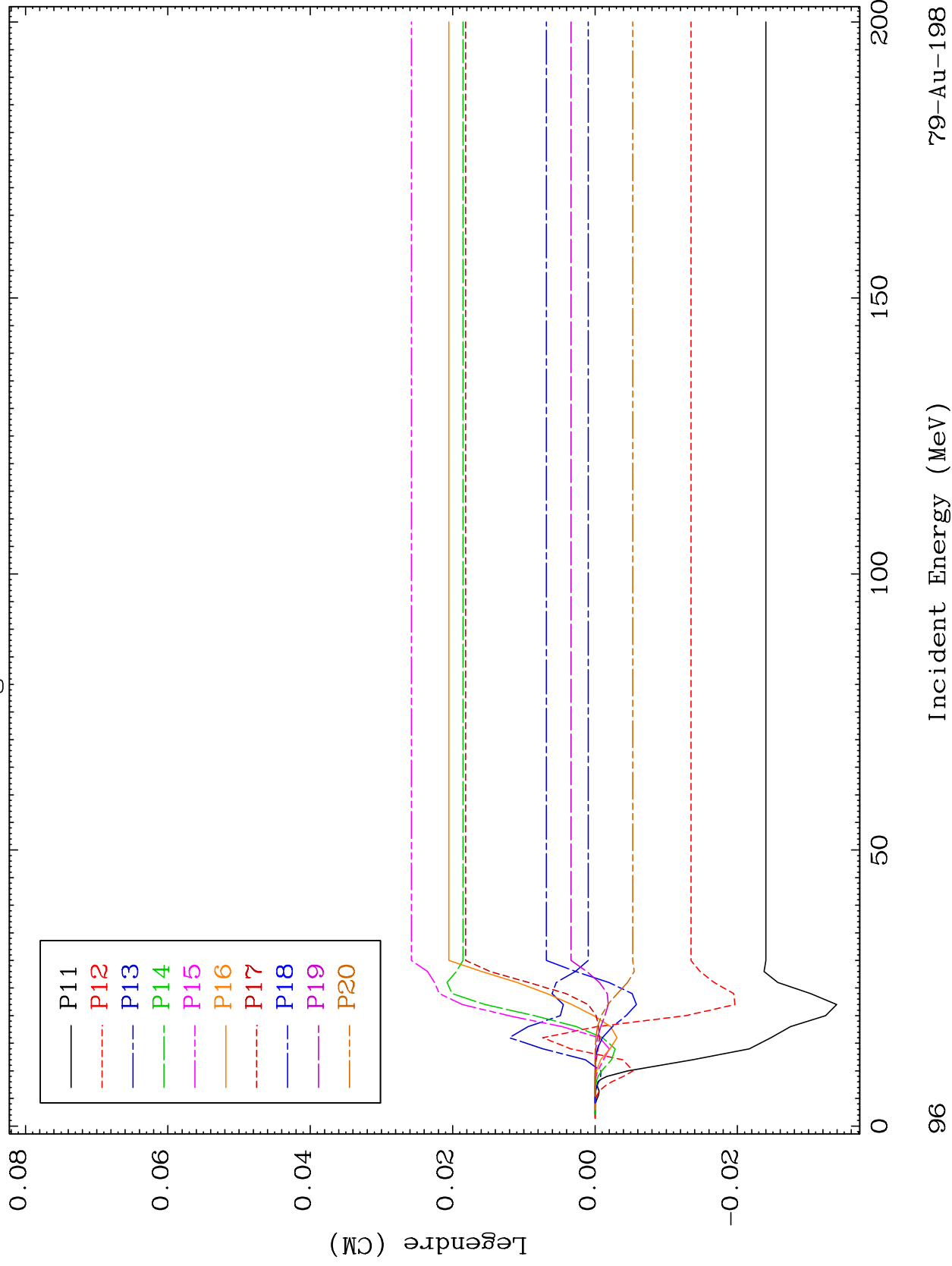




MAT 7928

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

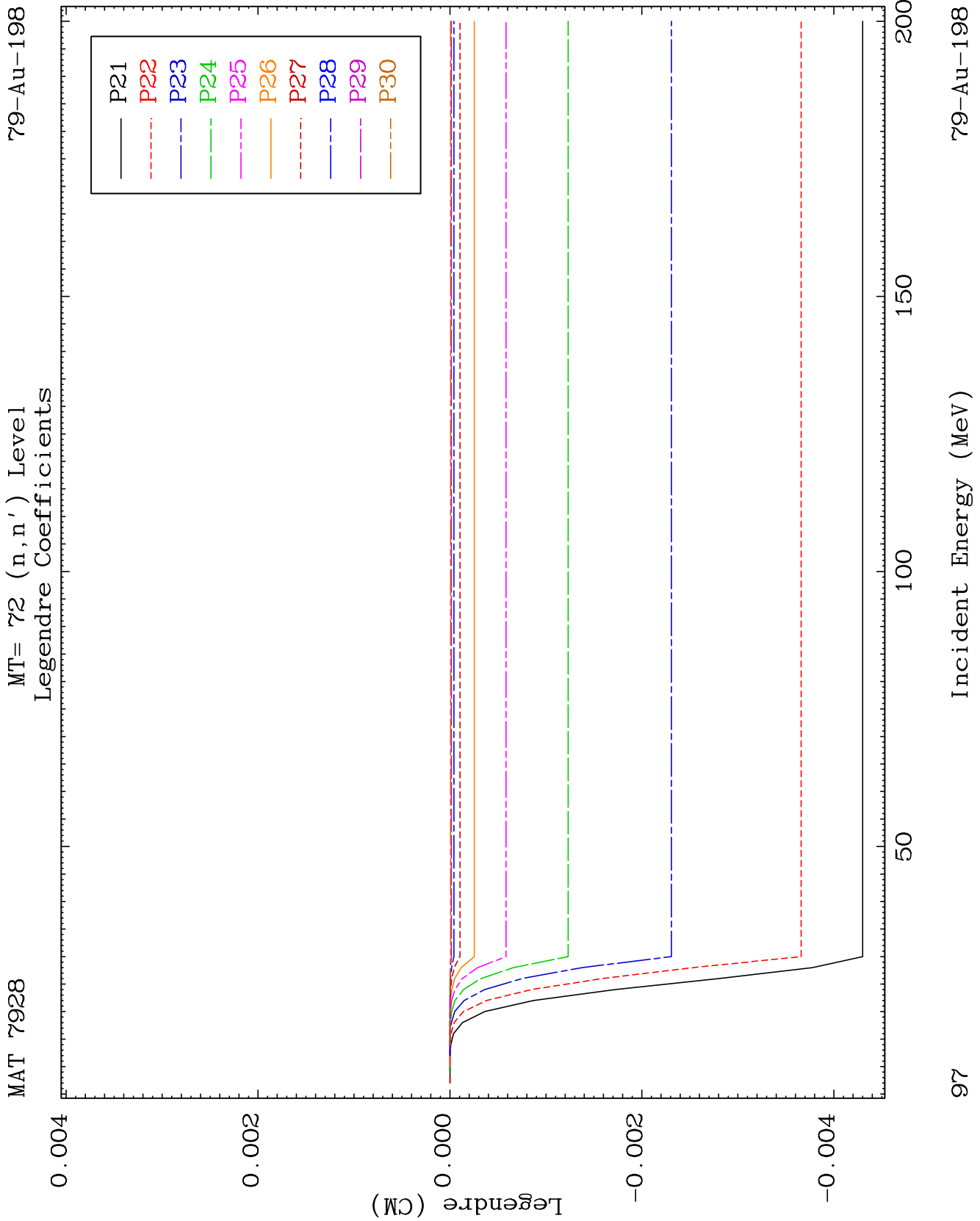
79-Au-198



96

Incident Energy (MeV)

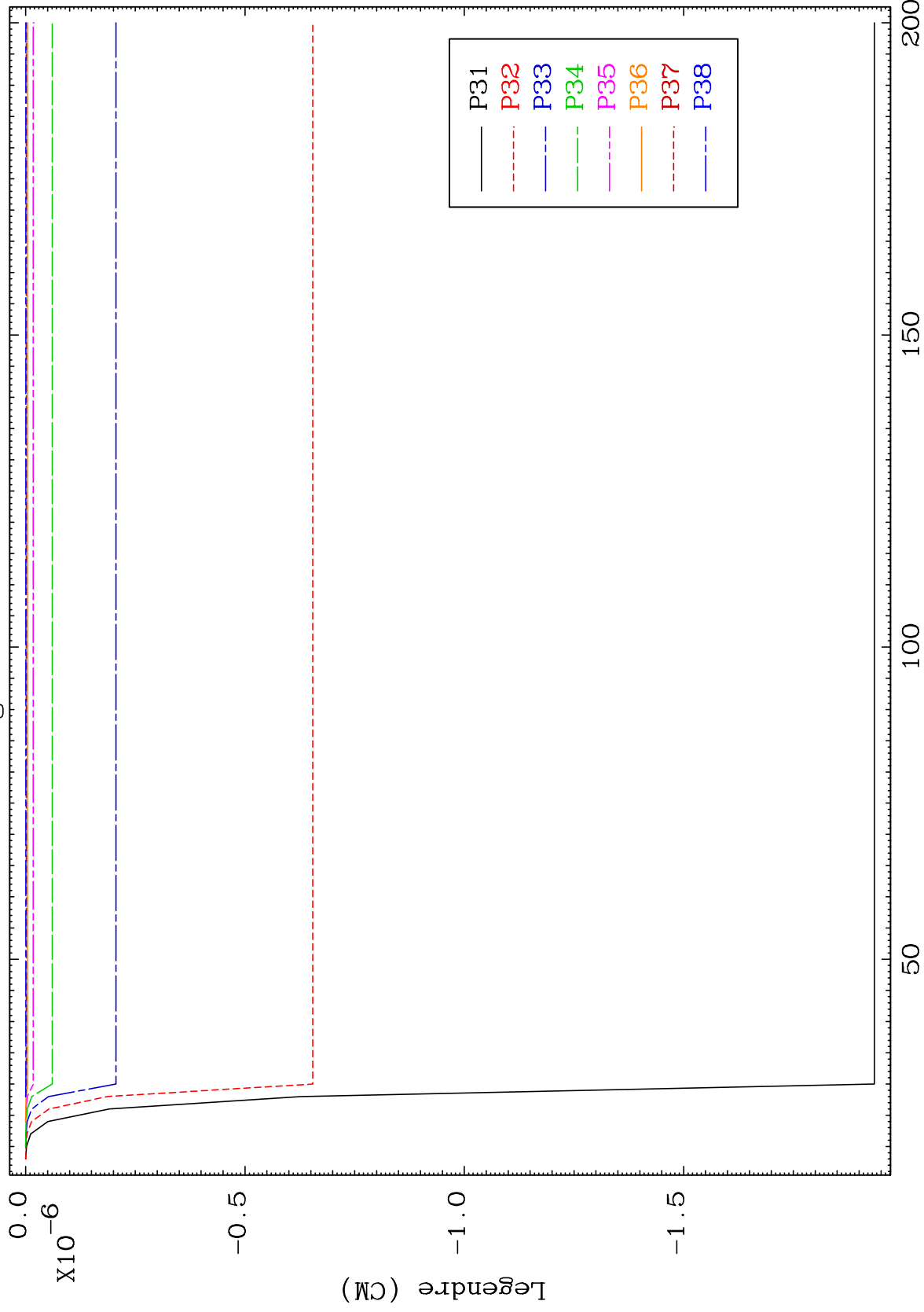
79-Au-198



MAT 7928

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

79-Au-198



98

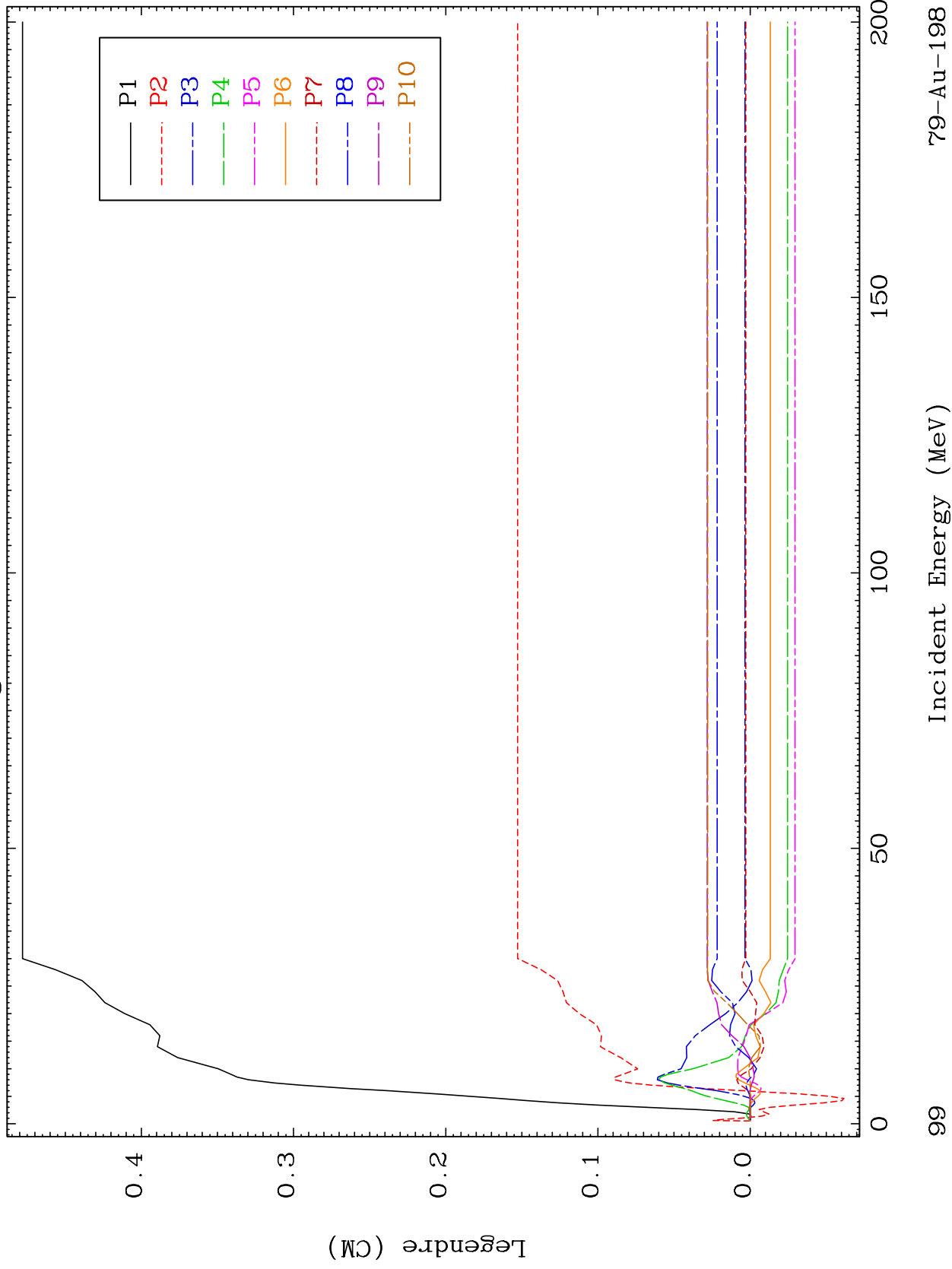
Incident Energy (MeV)

79-Au-198

MAT 7928

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

79-Au-198



79-Au-198

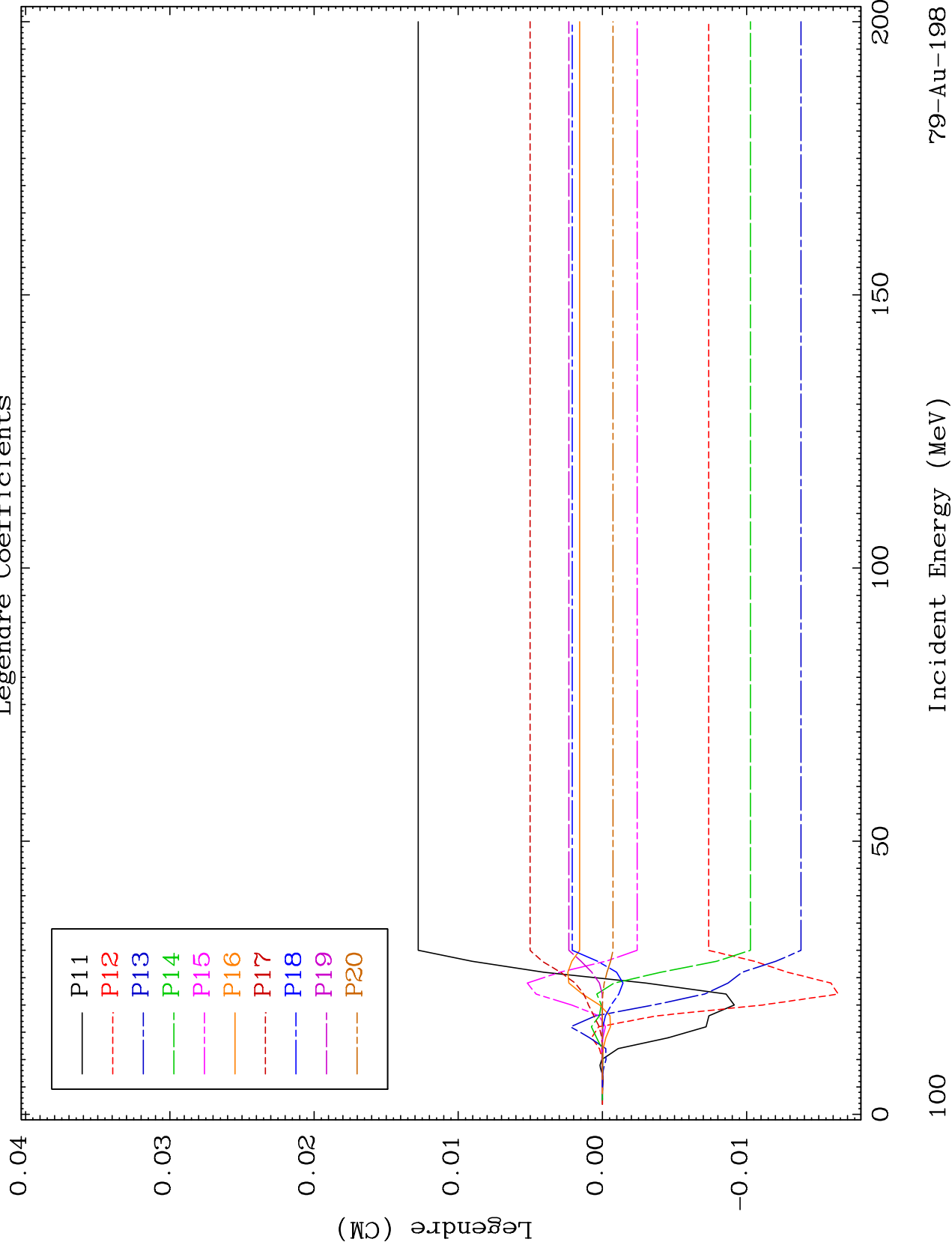
Incident Energy (MeV)

99

MAT 7928

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

79-Au-198



79-Au-198

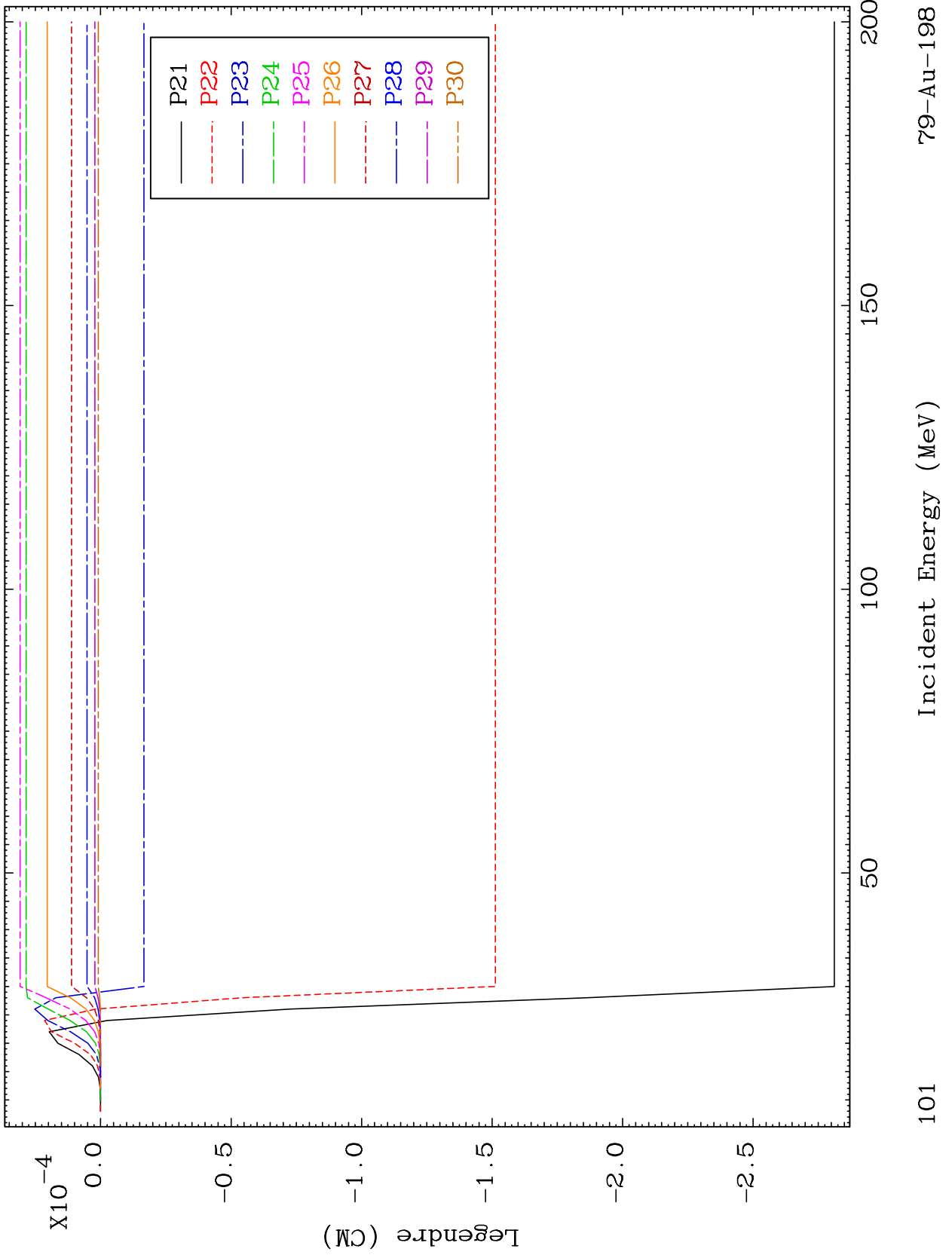
Incident Energy (MeV)

100

MAT 7928

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

79-Au-198



101

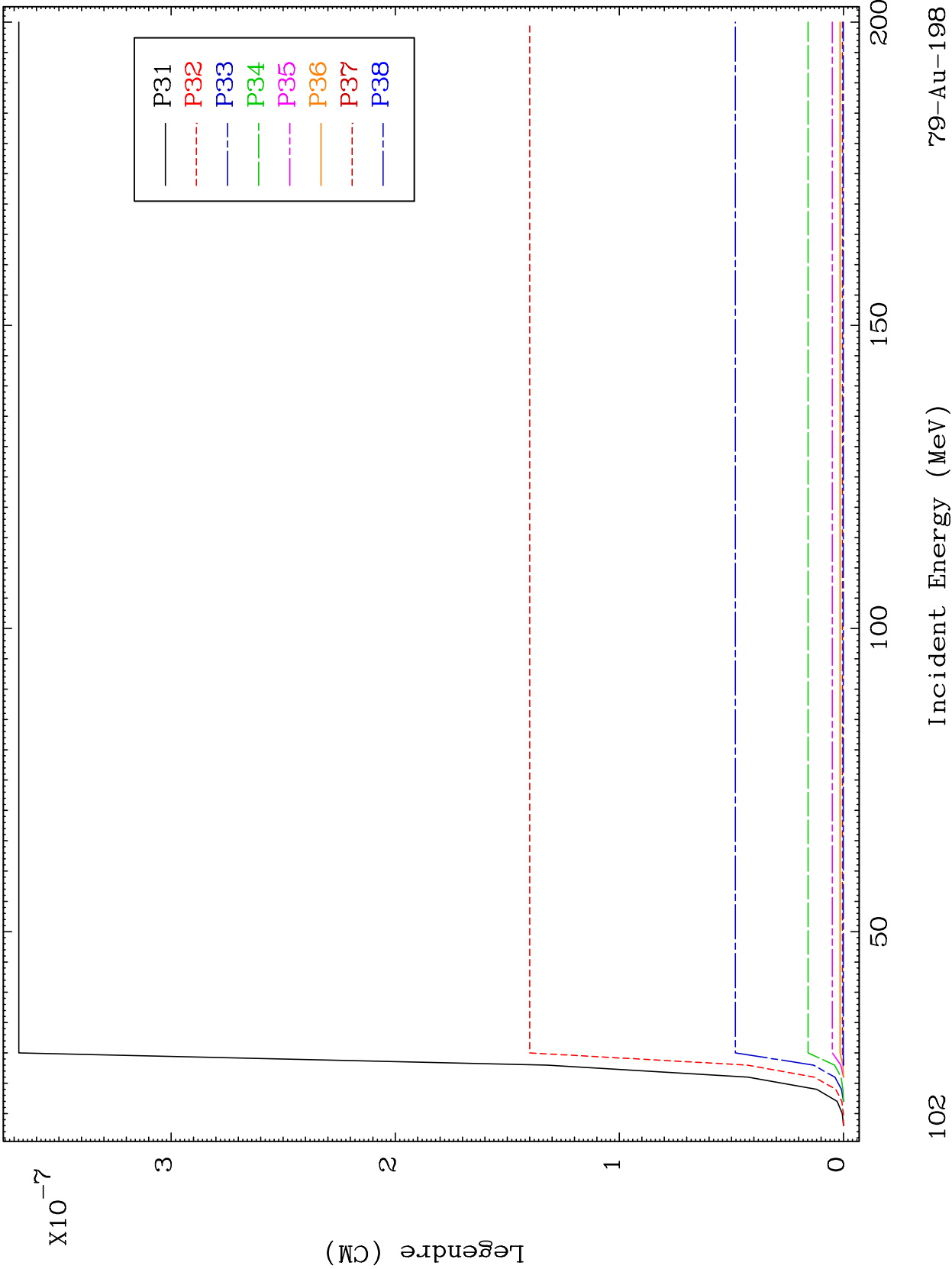
Incident Energy (MeV)

79-Au-198

MAT 7928

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

79-Au-198



102

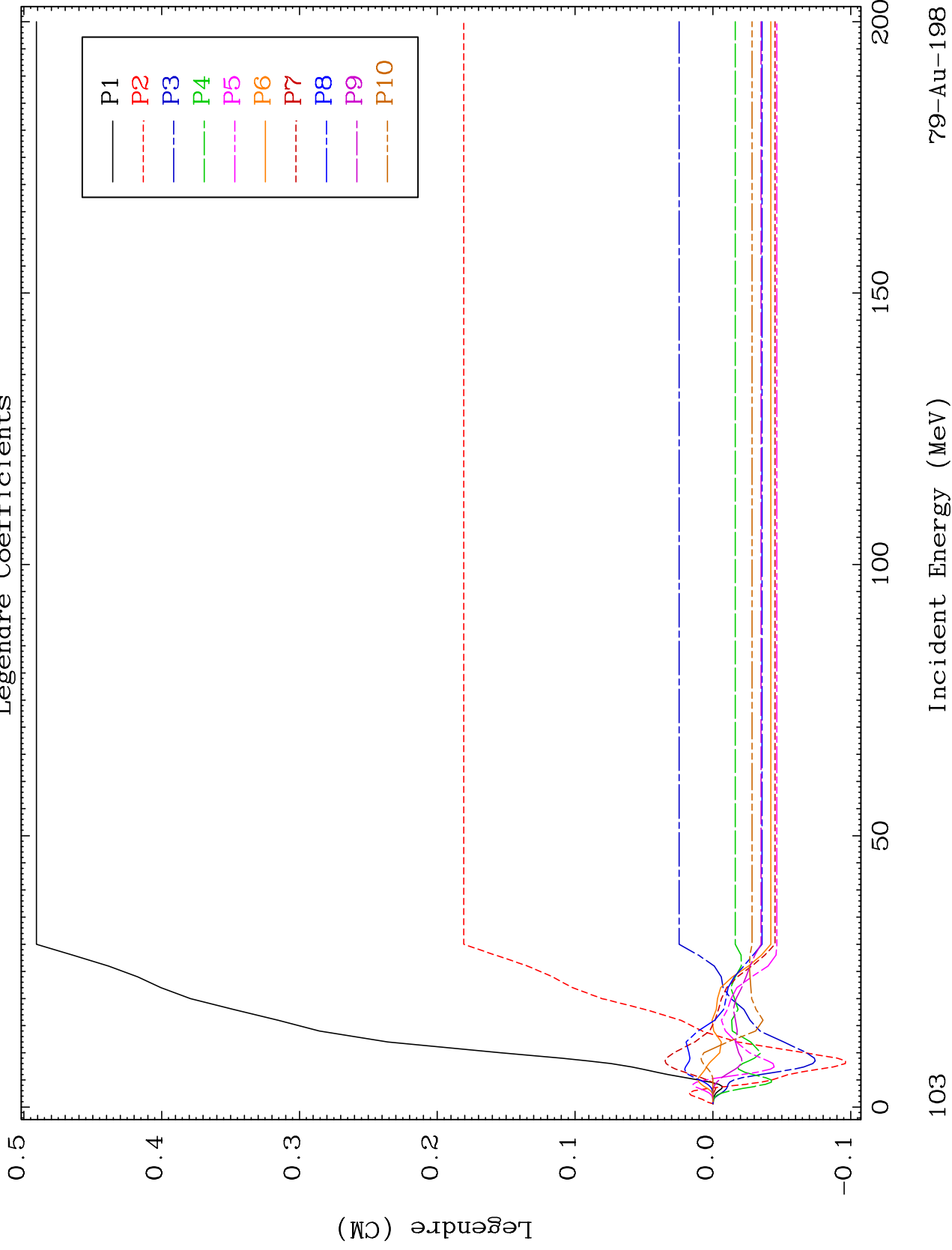
Incident Energy (MeV)

79-Au-198

MAT 7928

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

79-Au-198



79-Au-198

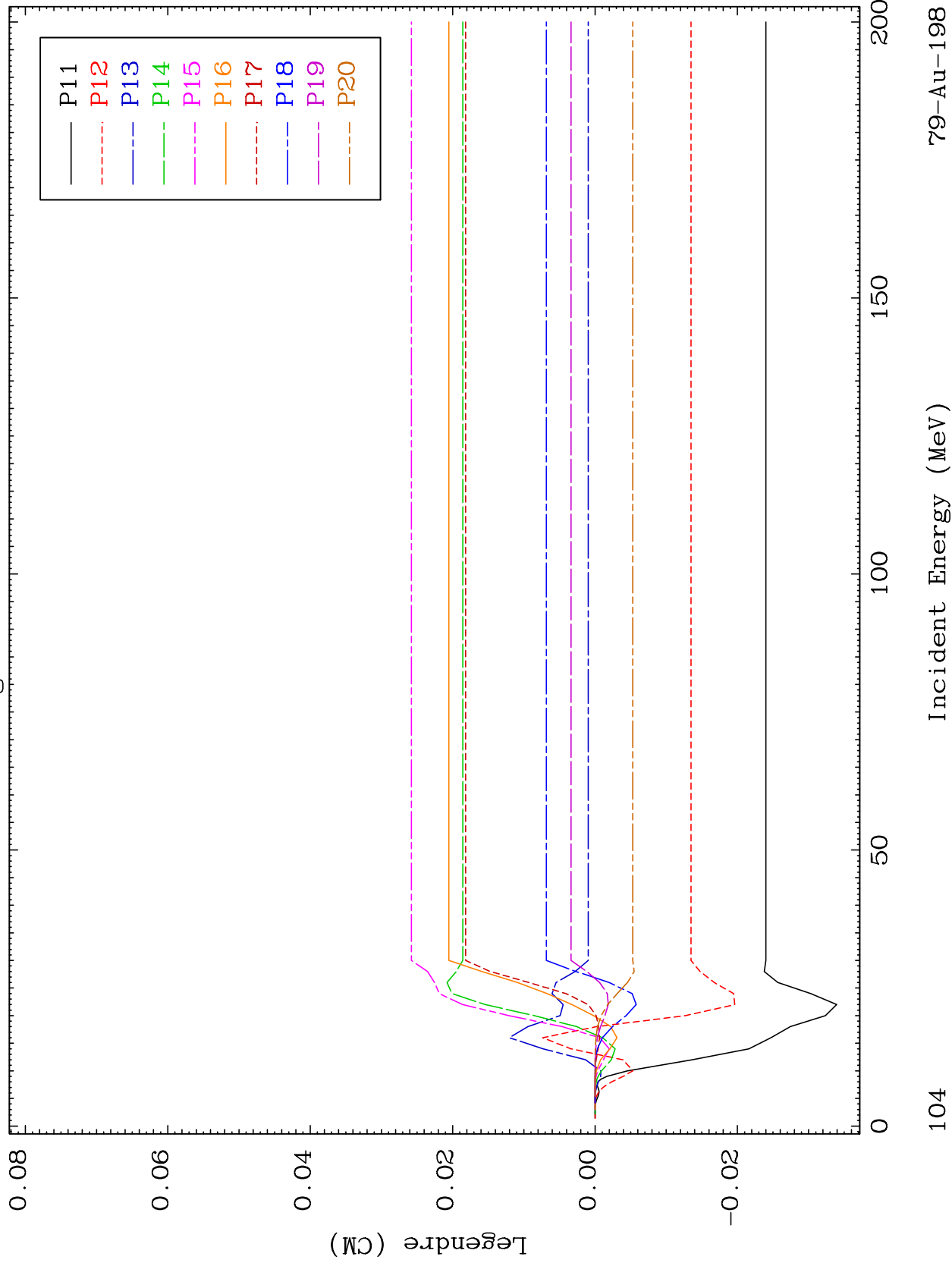
Incident Energy (MeV)

103

MAT 7928

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

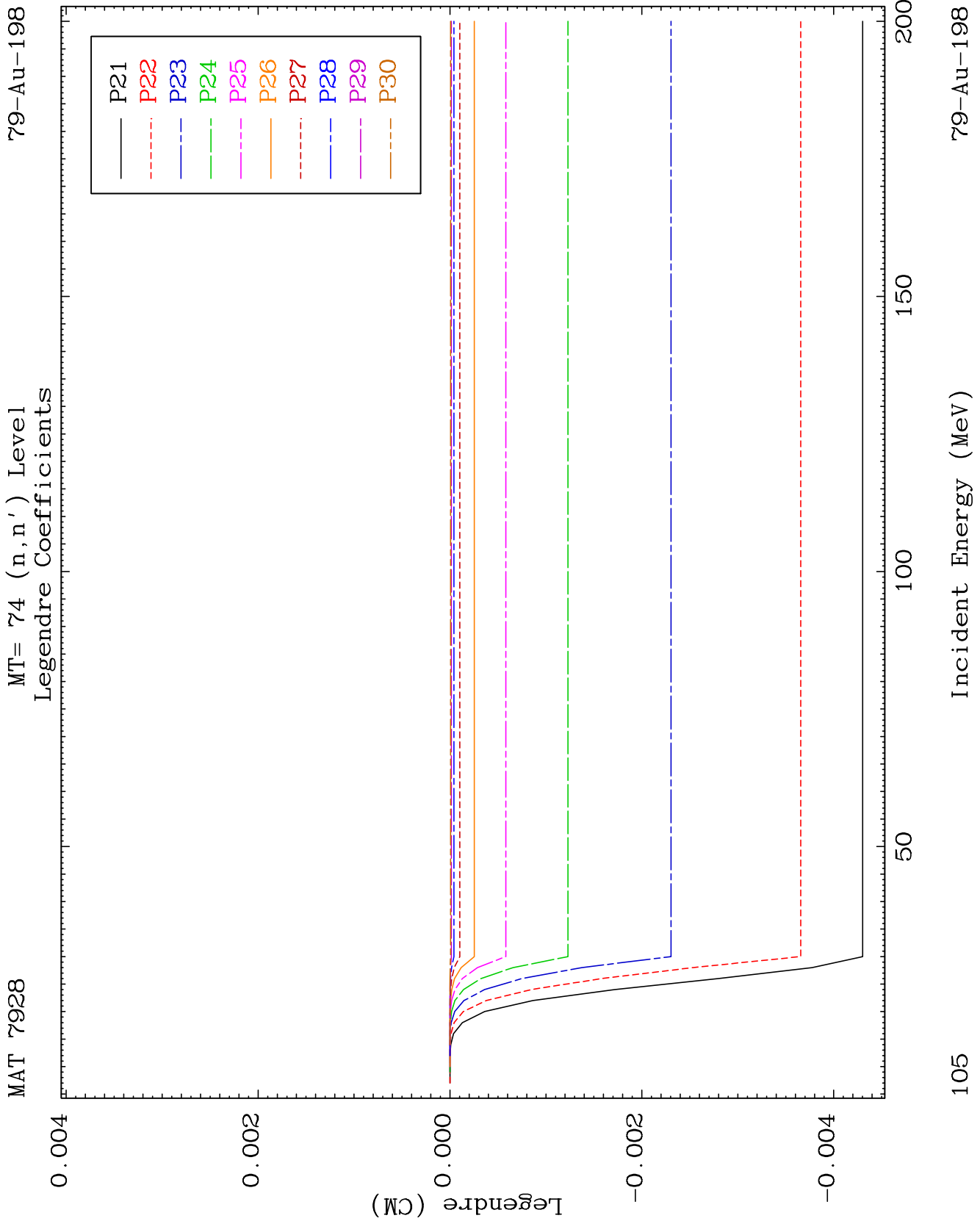
79-Au-198

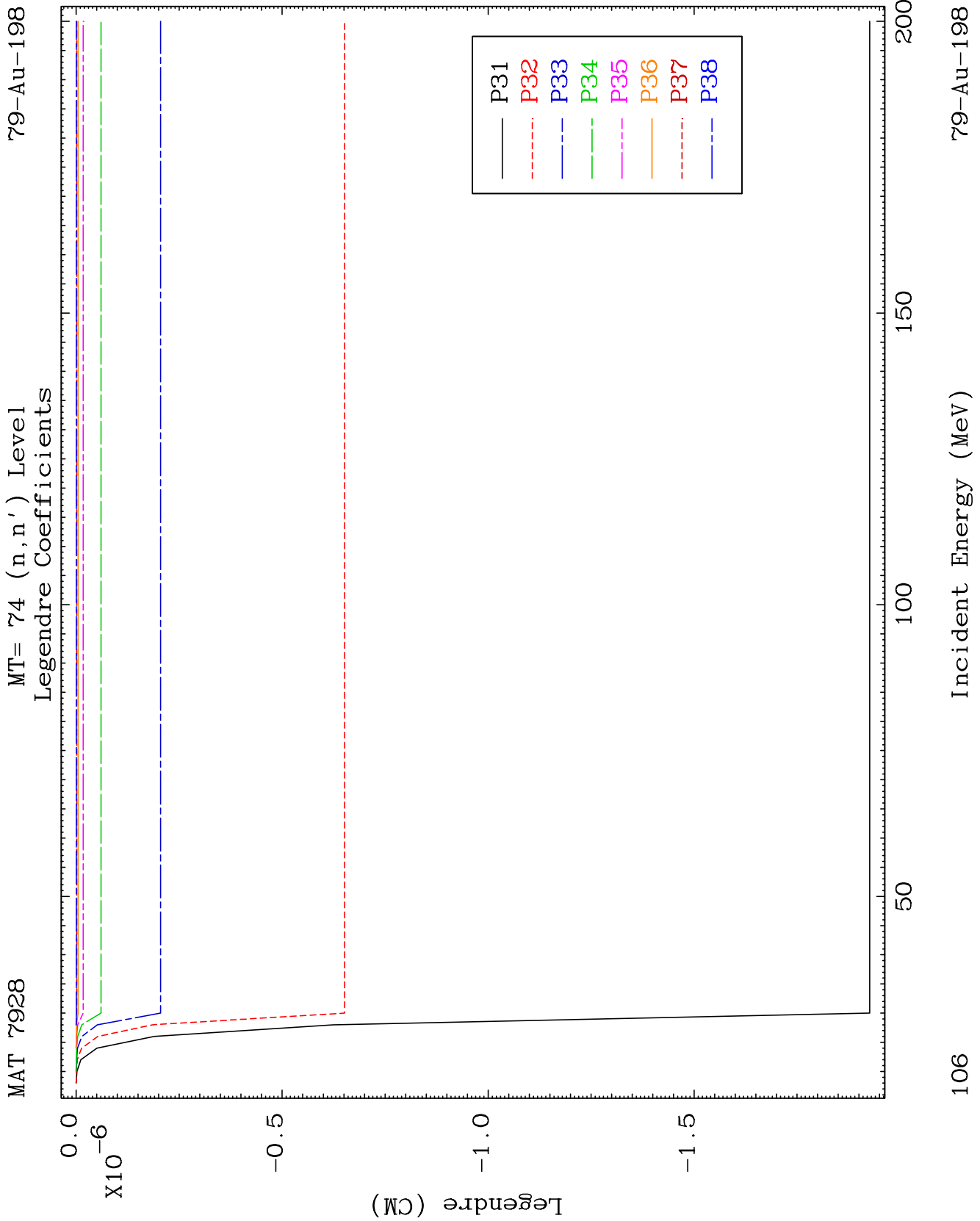


104

Incident Energy (MeV)

79-Au-198

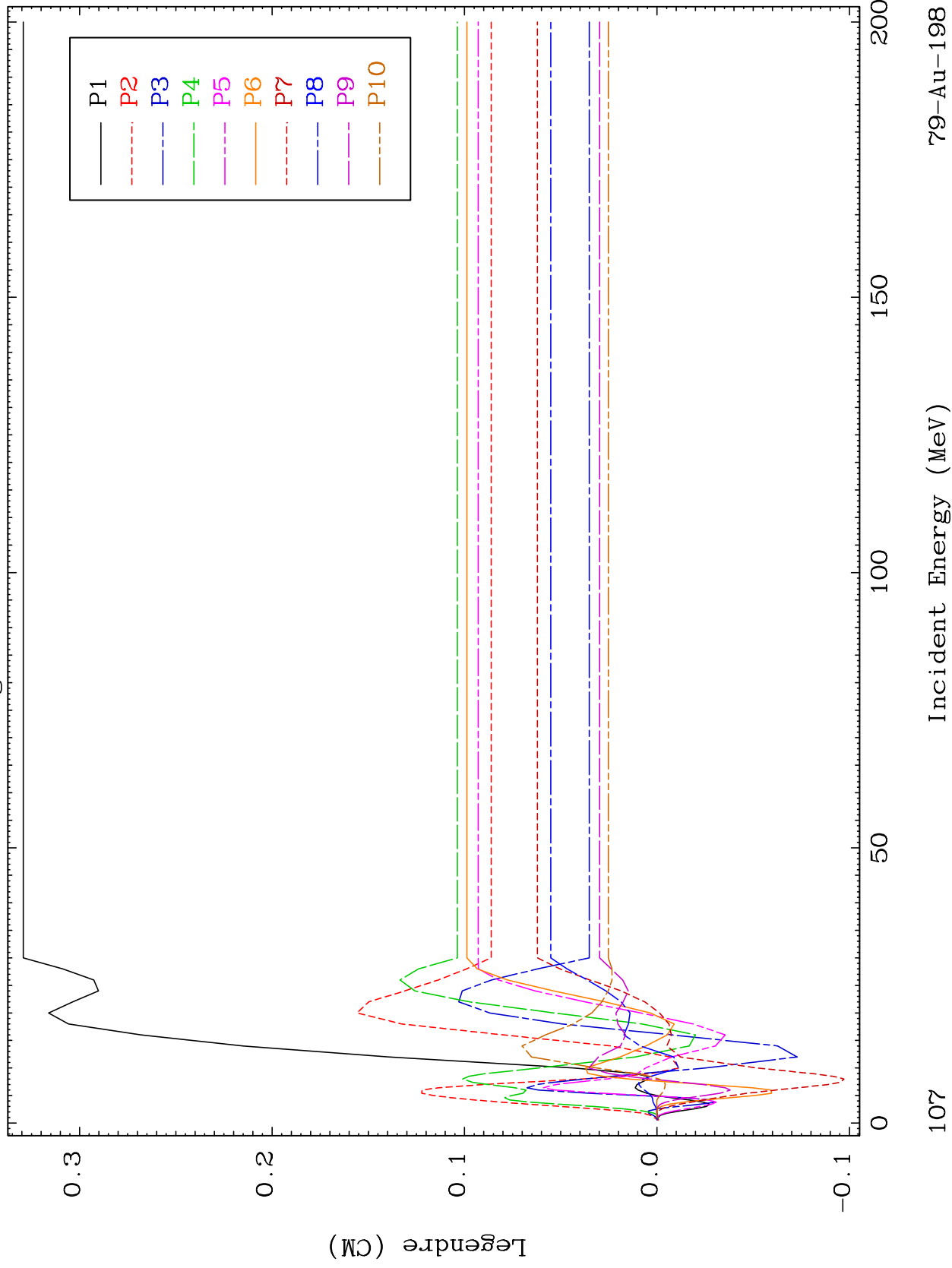


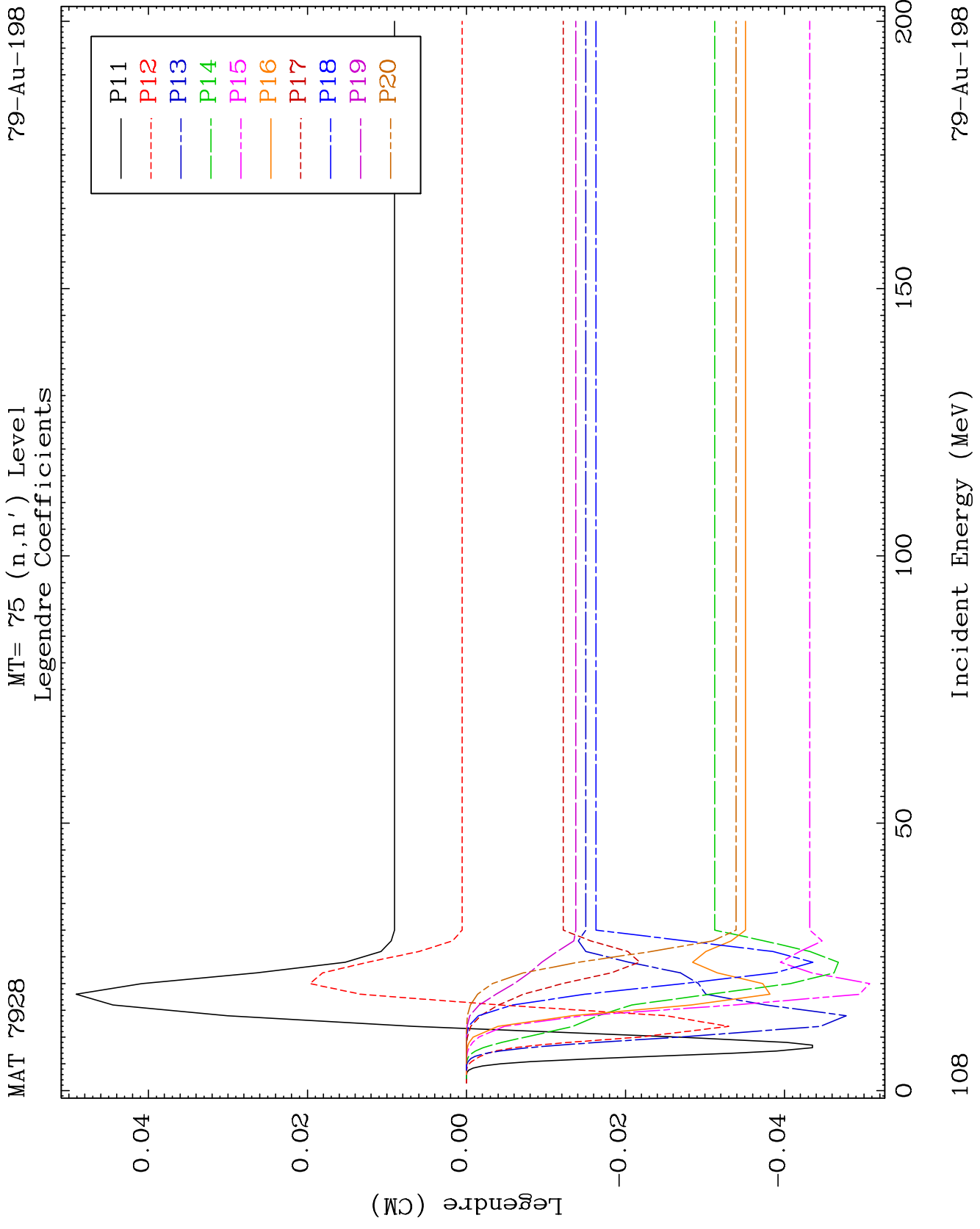


MAT 7928

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

79-Au-198

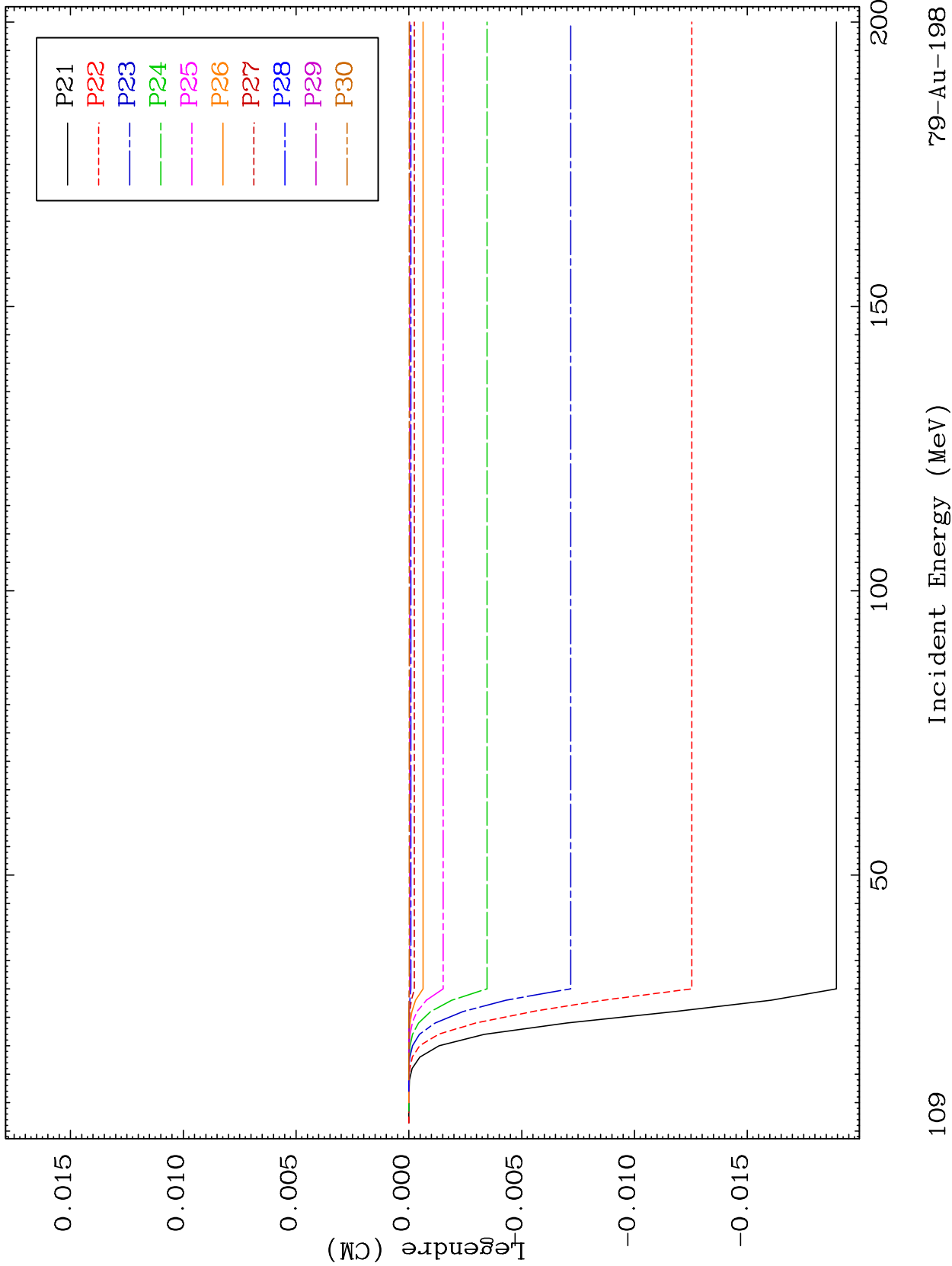




MAT 7928

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

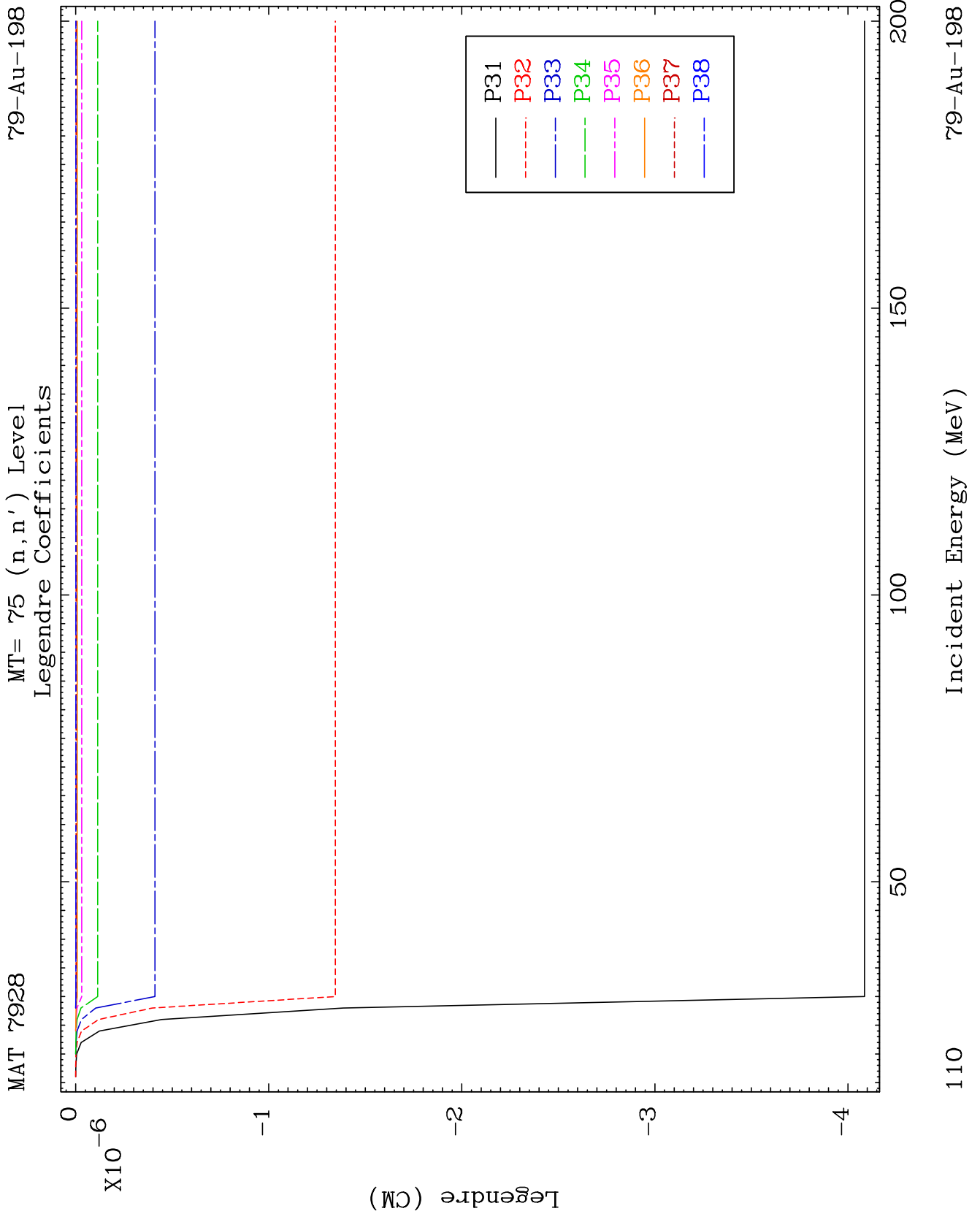
79-Au-198

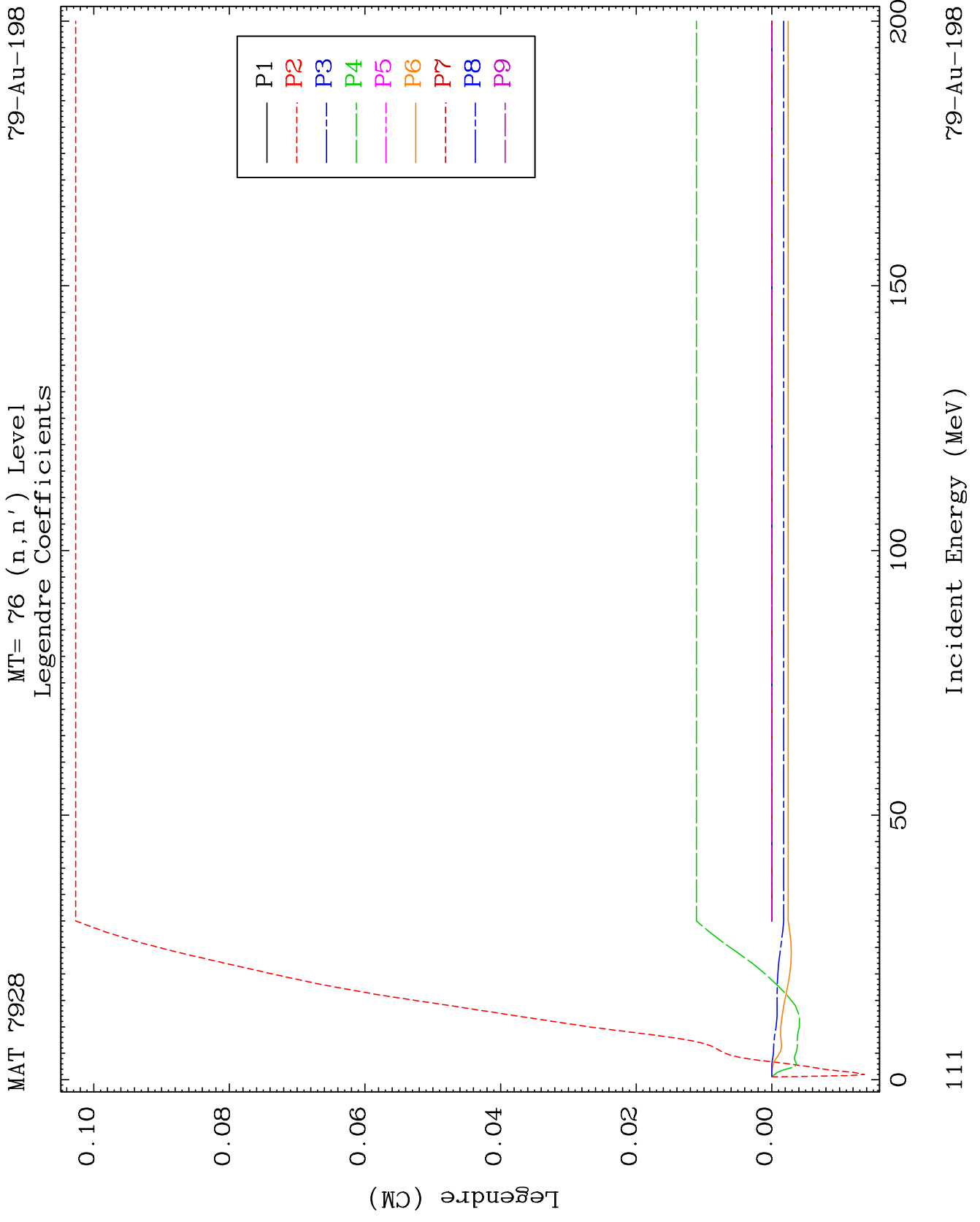


109

Incident Energy (MeV)

79-Au-198

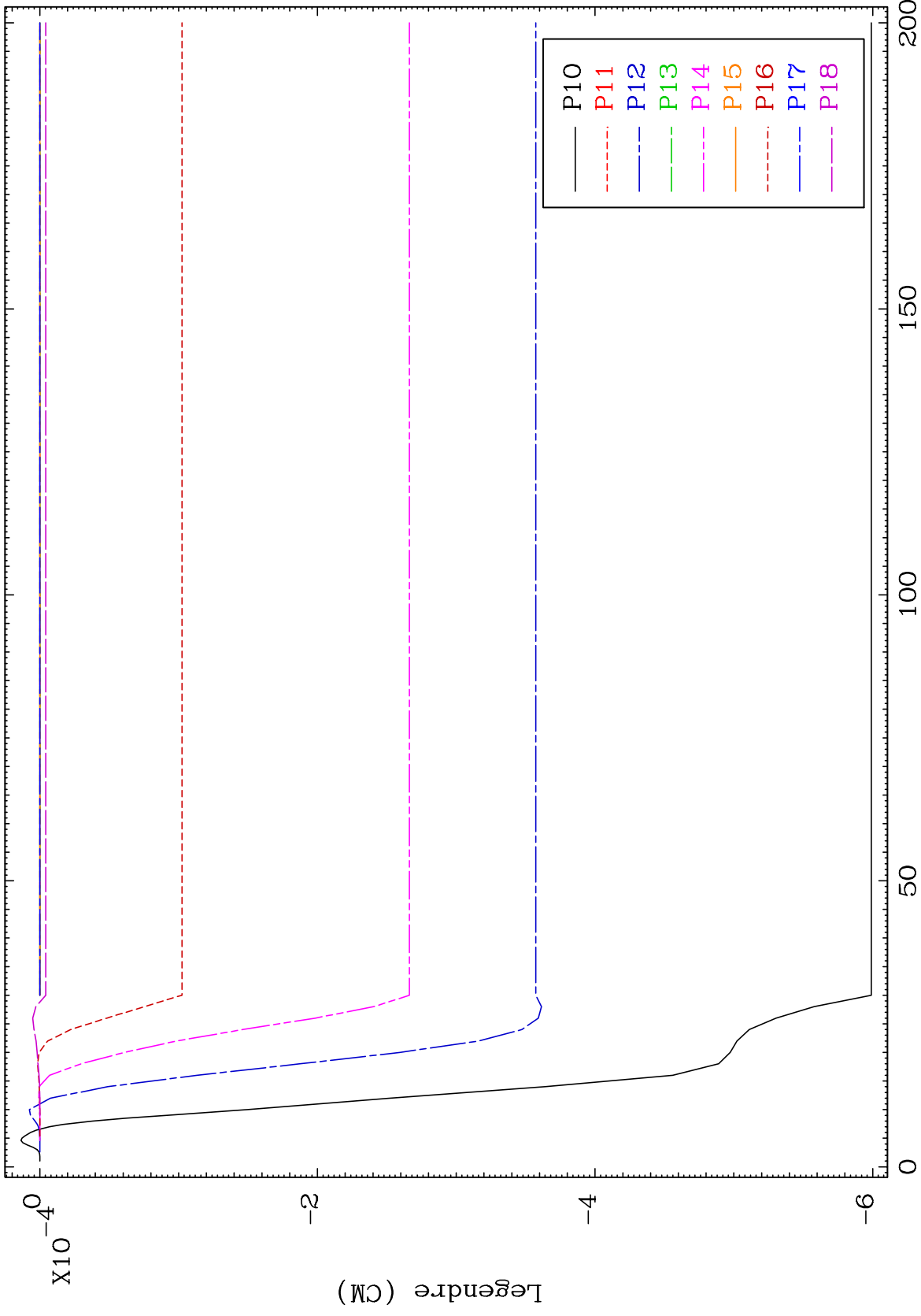




MAT 7928

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

79-Au-198



112

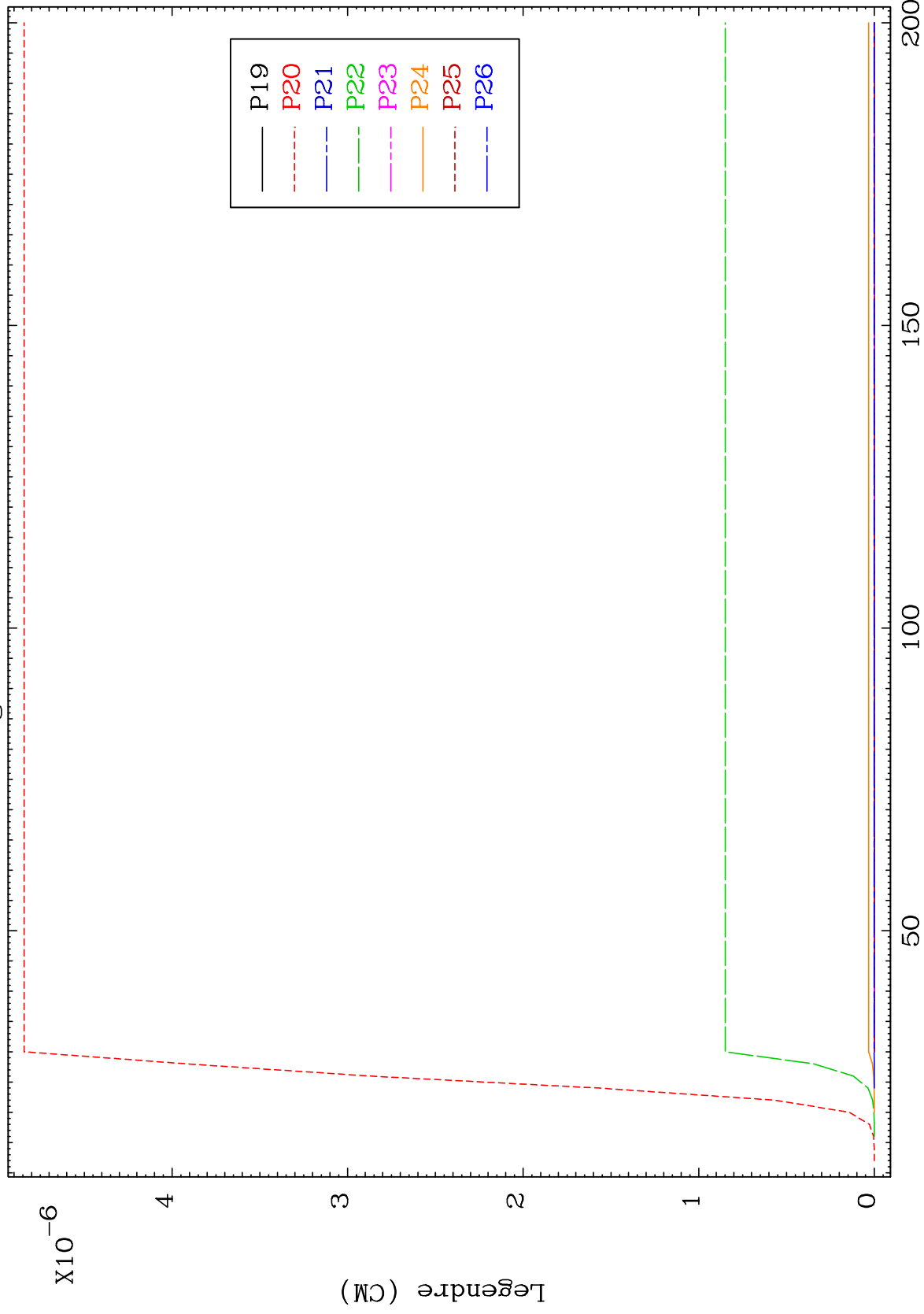
Incident Energy (MeV)

79-Au-198

MAT 7928

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

79-Au-198



113

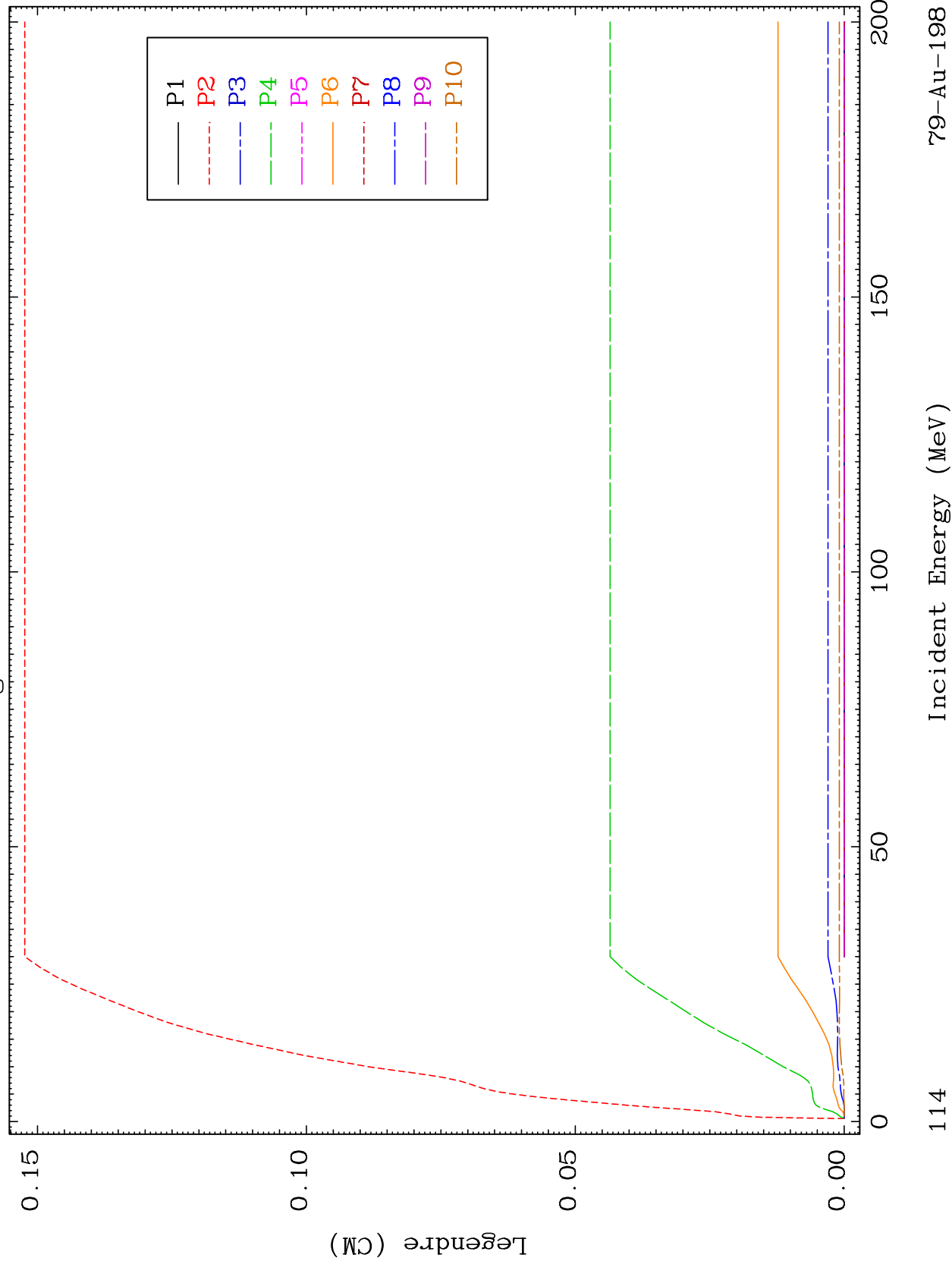
Incident Energy (MeV)

79-Au-198

MAT 7928

MT= 77 (n,n') Level
Legendre Coefficients

79-Au-198



114

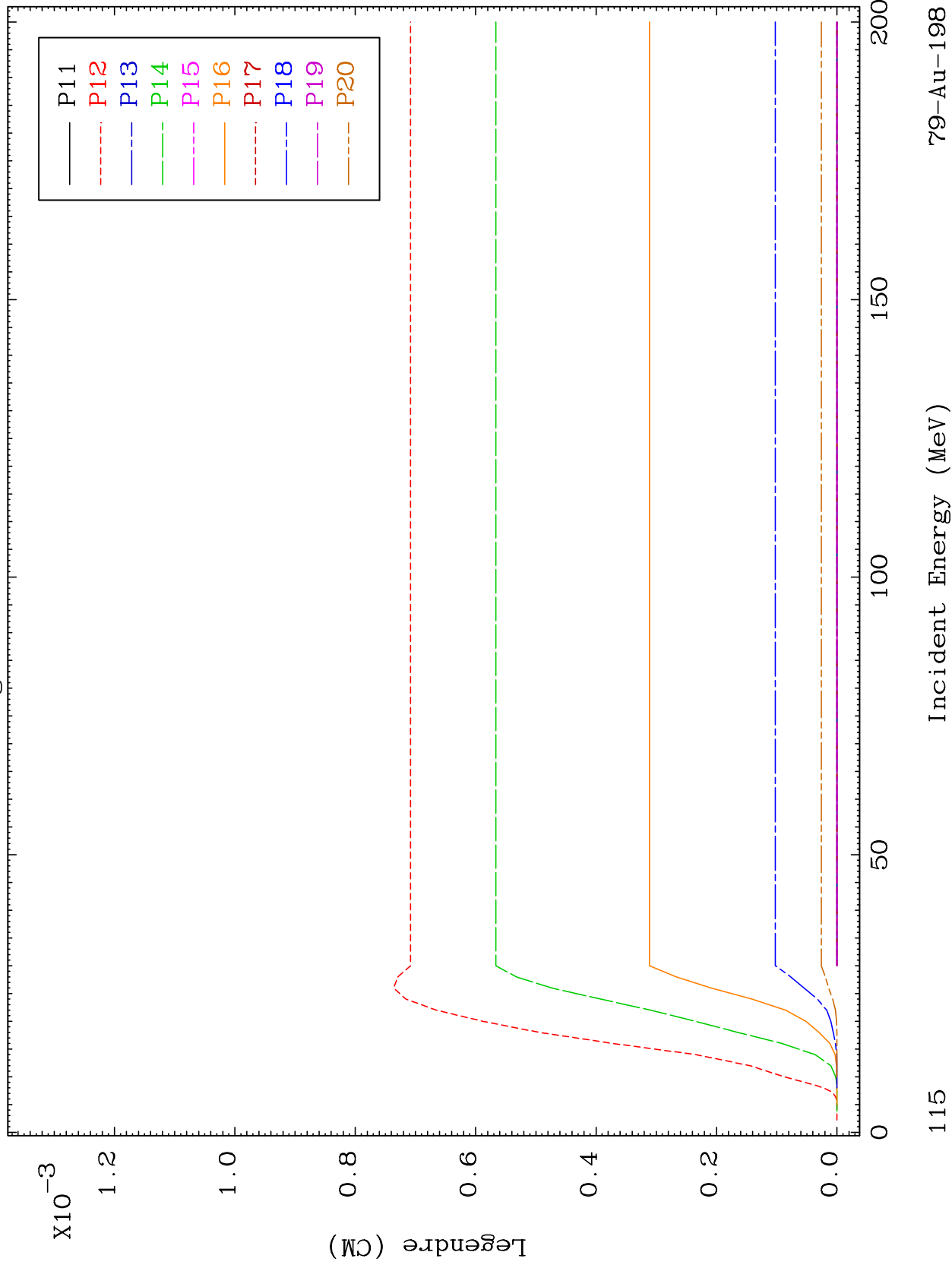
Incident Energy (MeV)

79-Au-198

MAT 7928

MT= 77 (n,n') Level
Legendre Coefficients

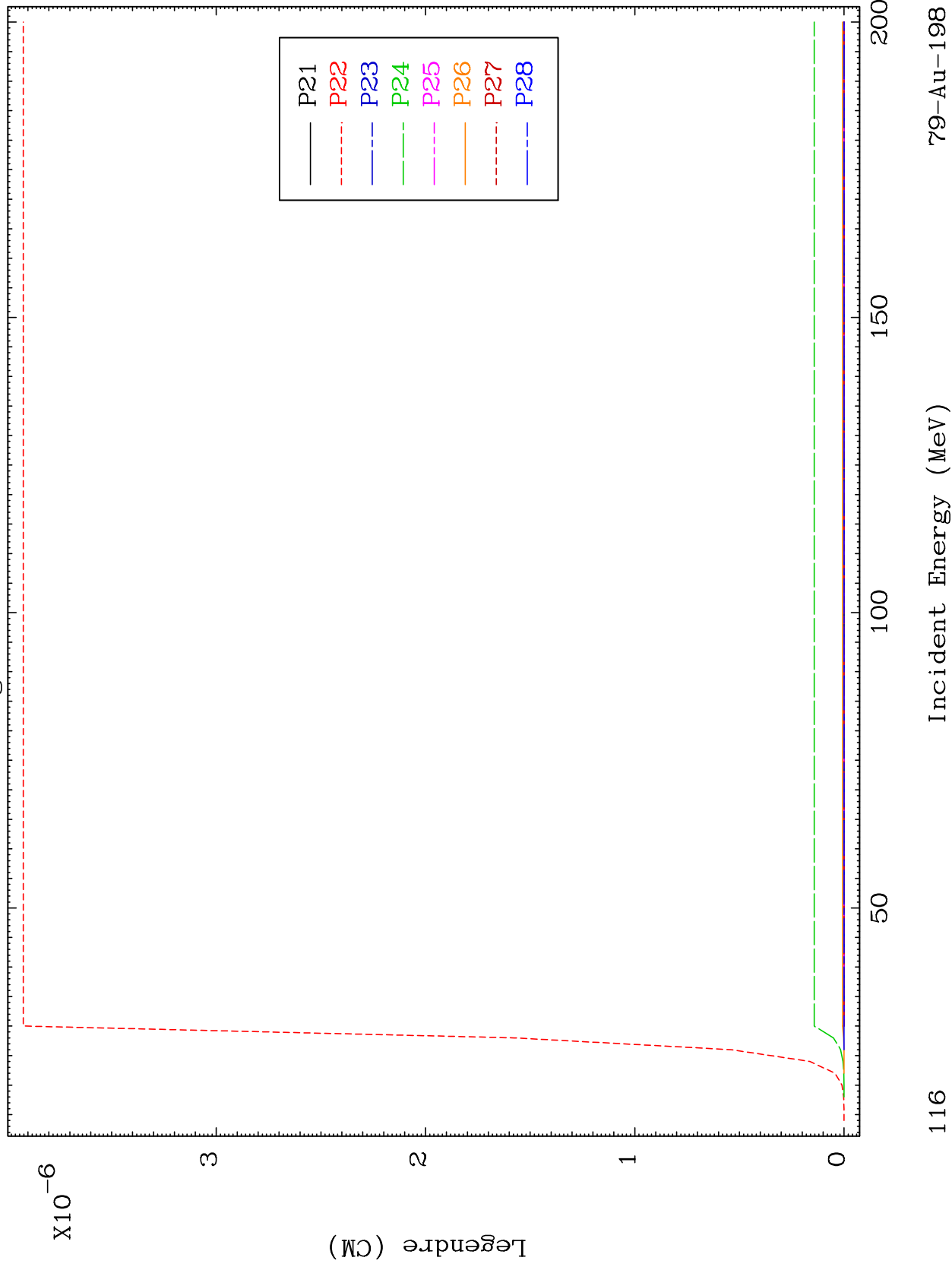
79-Au-198



MAT 7928

MT= 77 (n,n') Level
Legendre Coefficients

79-Au-198



116

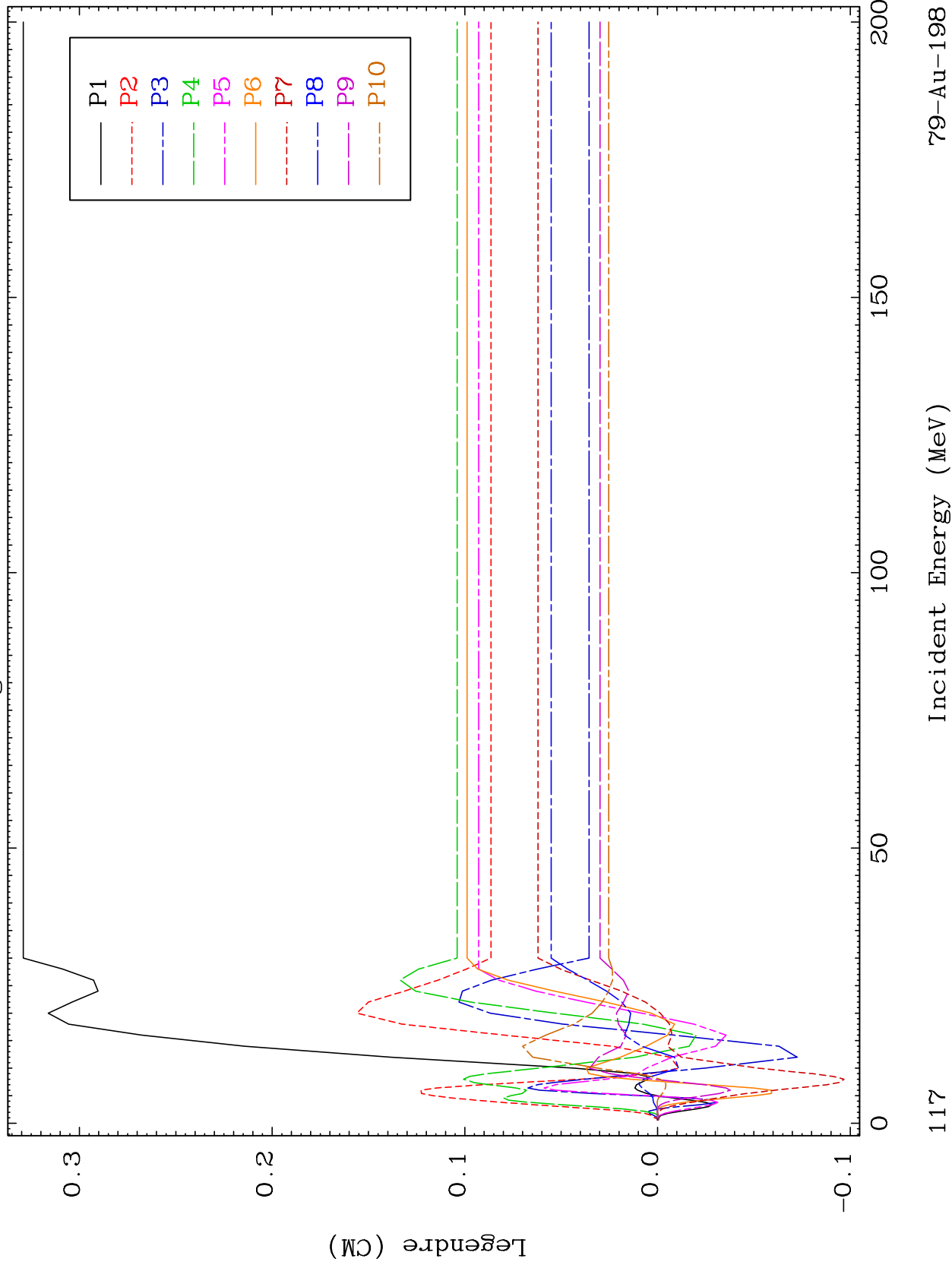
Incident Energy (MeV)

79-Au-198

MAT 7928

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

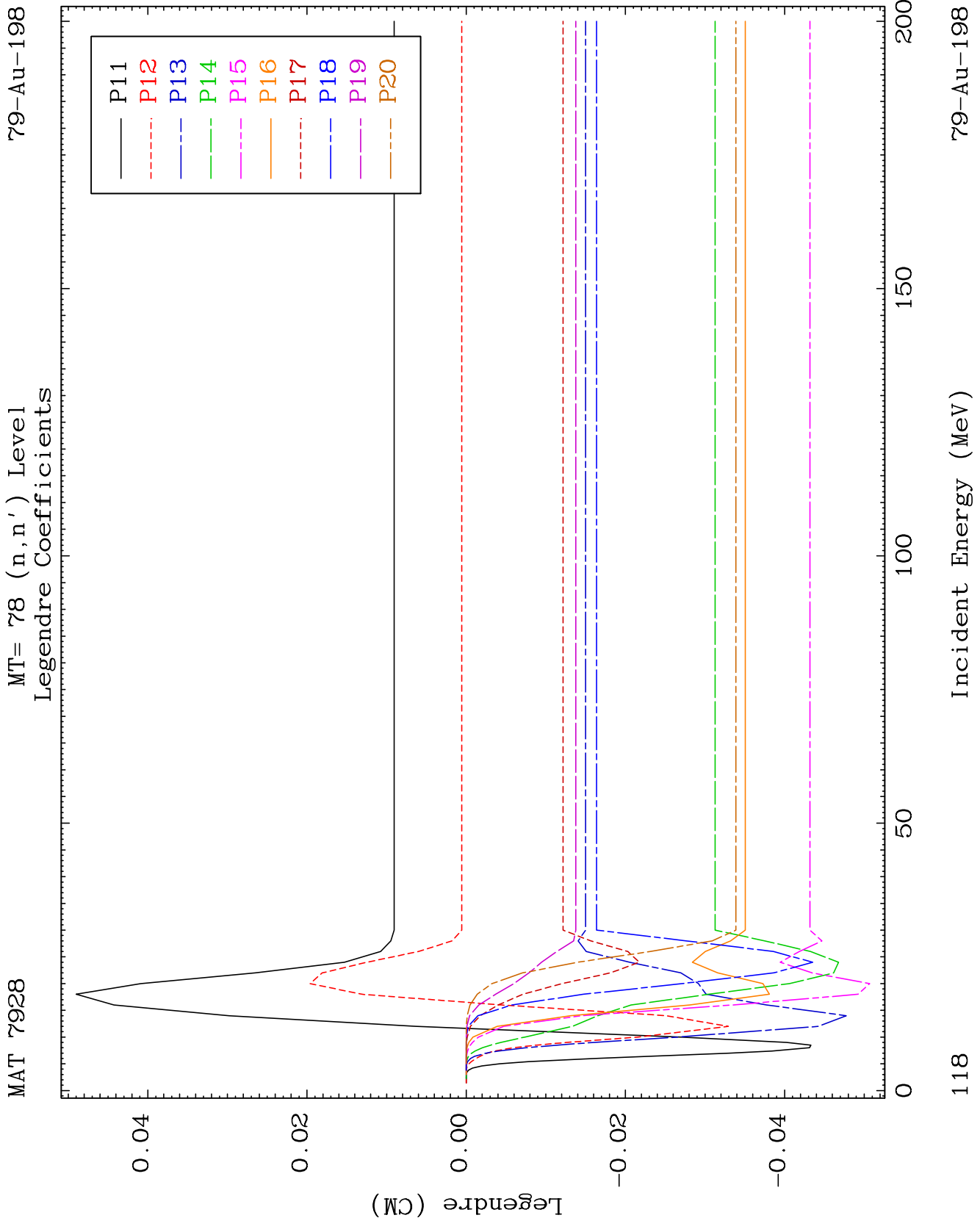
79-Au-198



79-Au-198

Incident Energy (MeV)

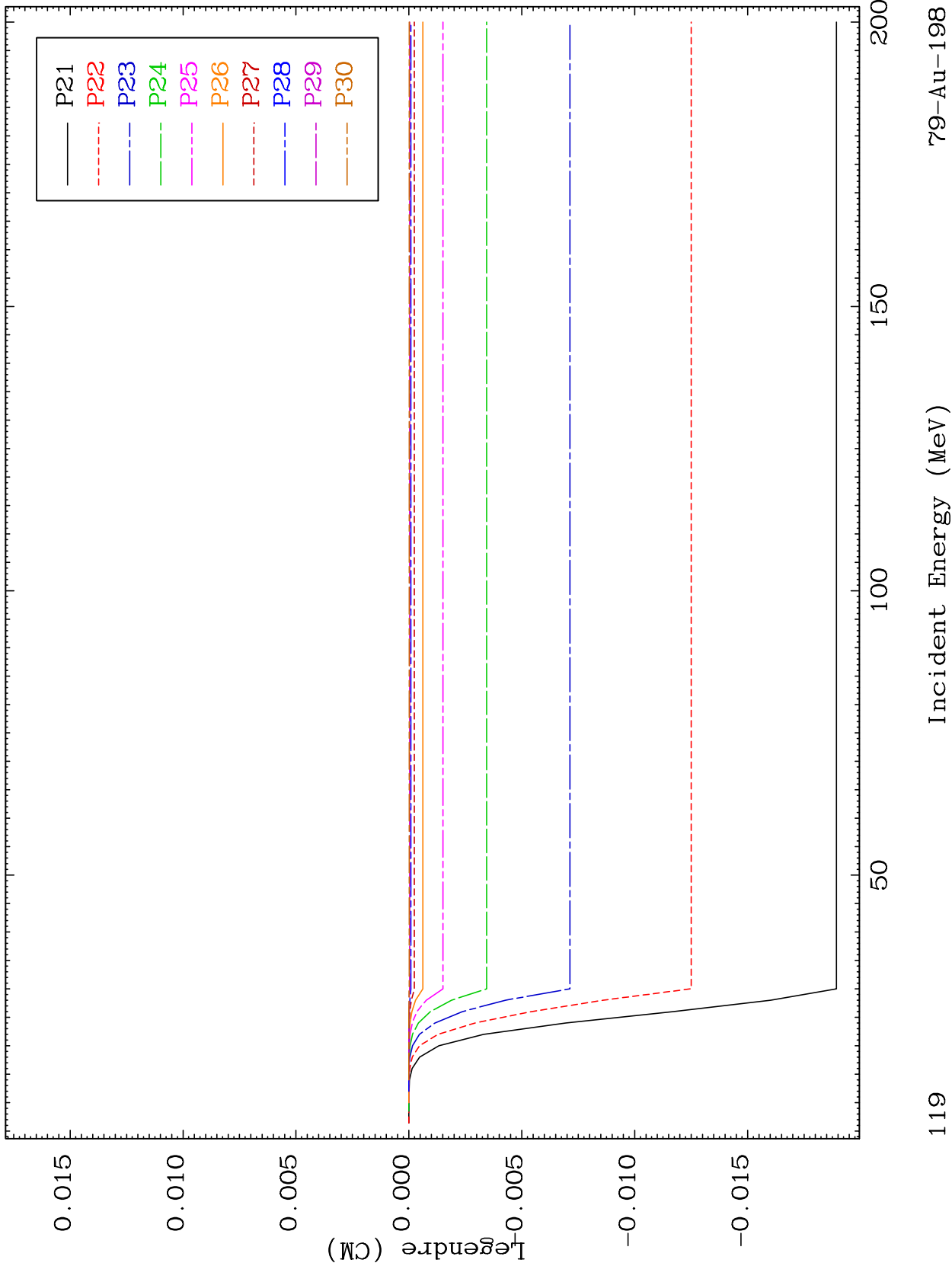
117



MAT 7928

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

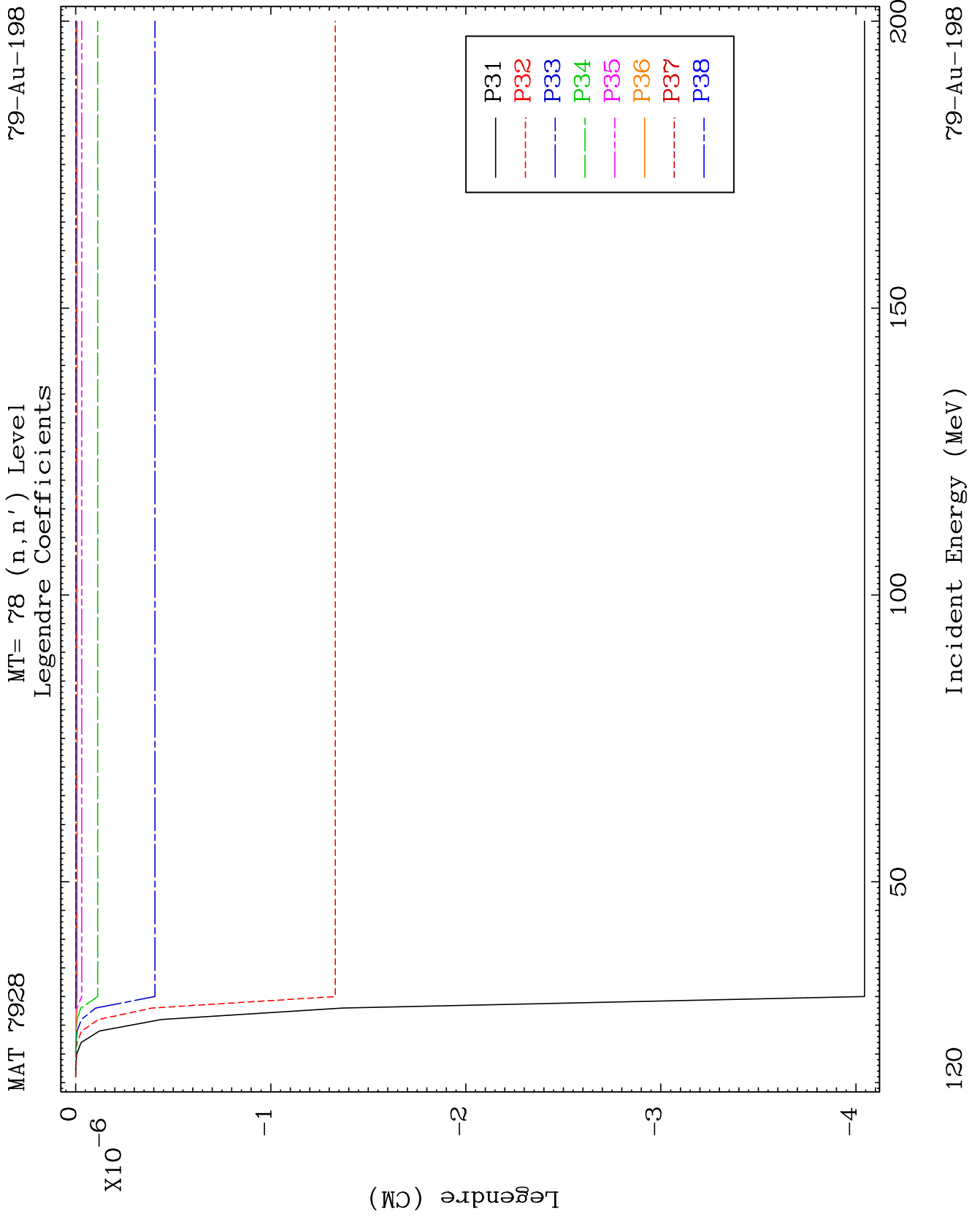
79-Au-198



119

Incident Energy (MeV)

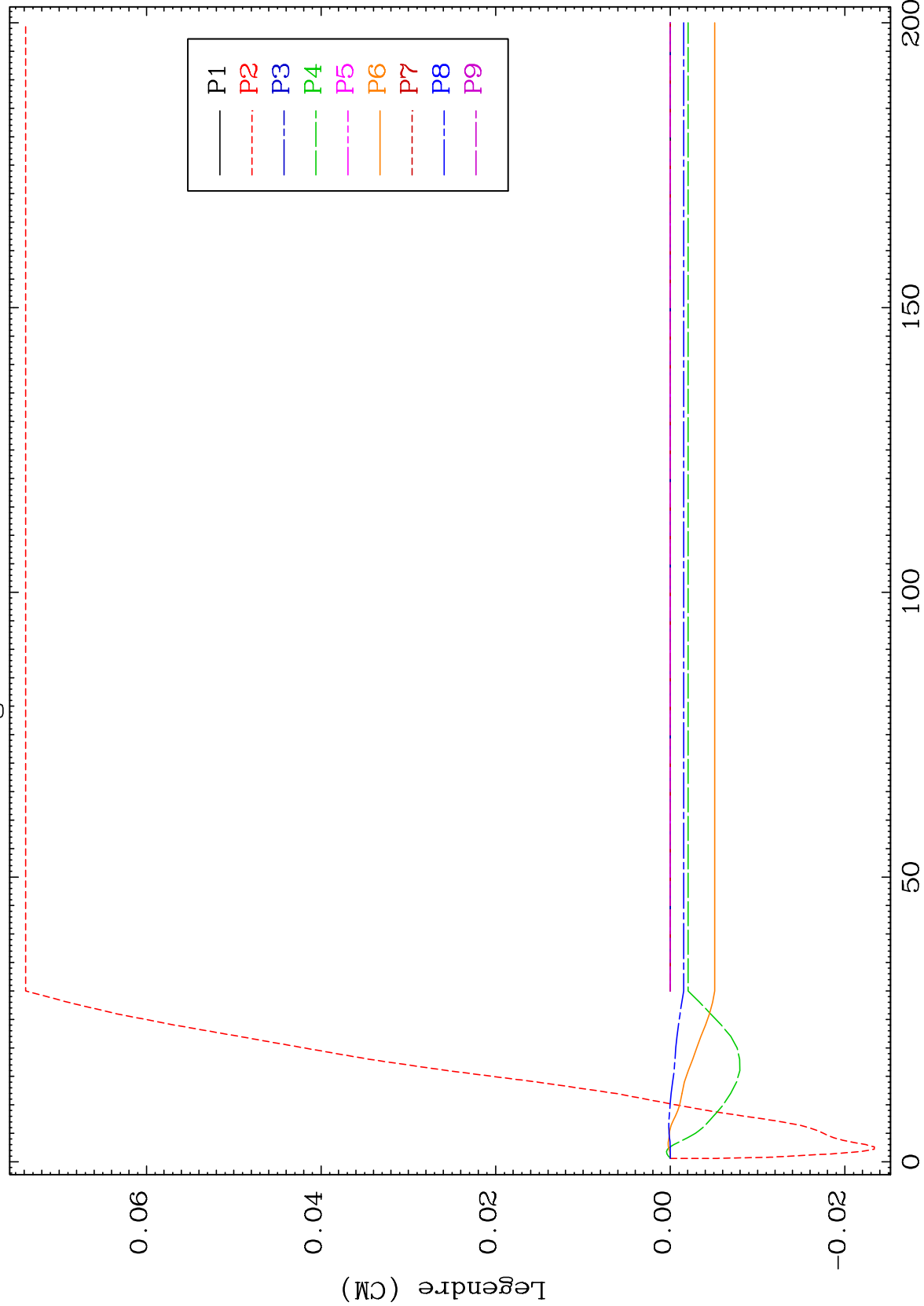
79-Au-198



MAT 7928

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

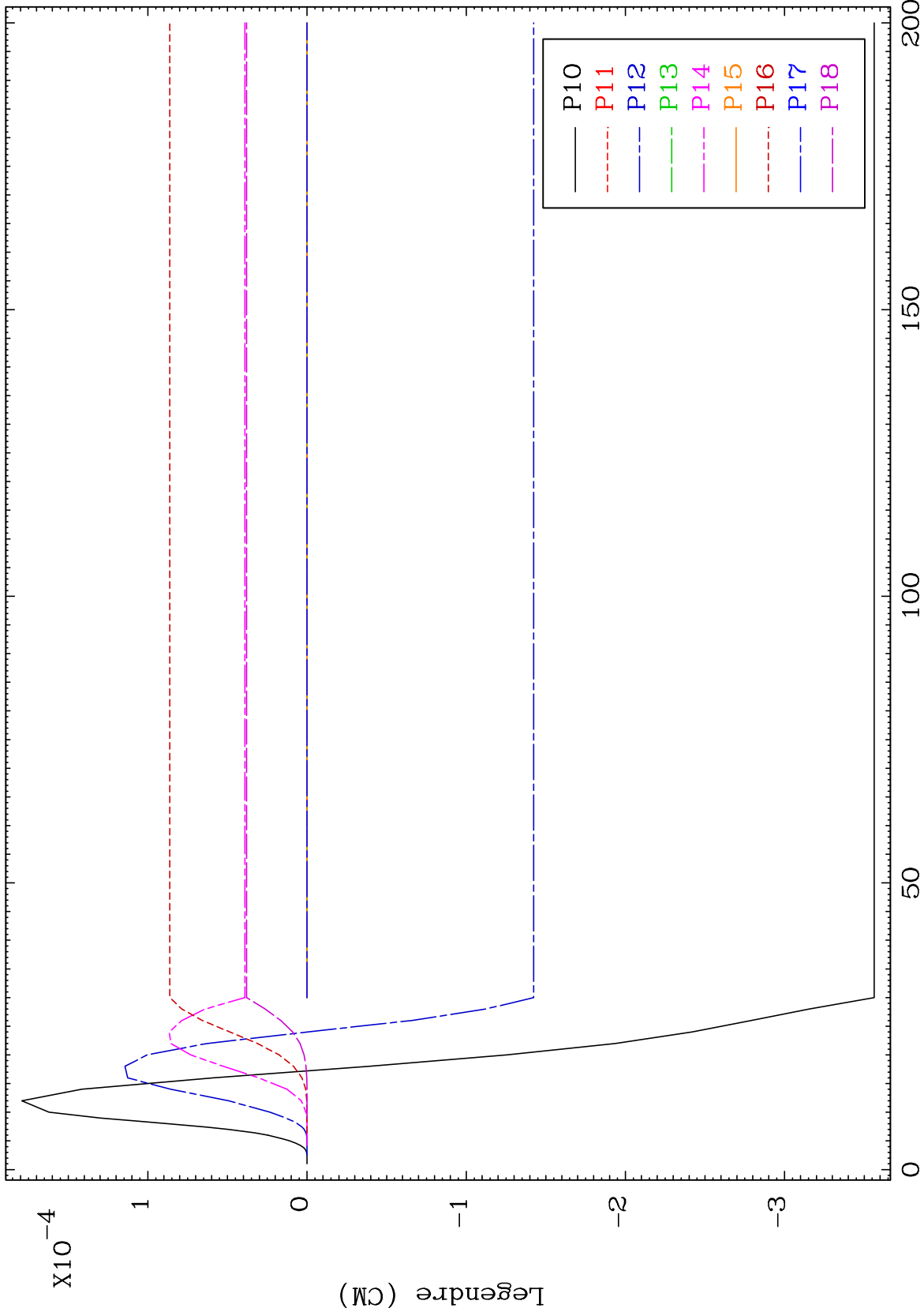
79-Au-198



79-Au-198

Incident Energy (MeV)

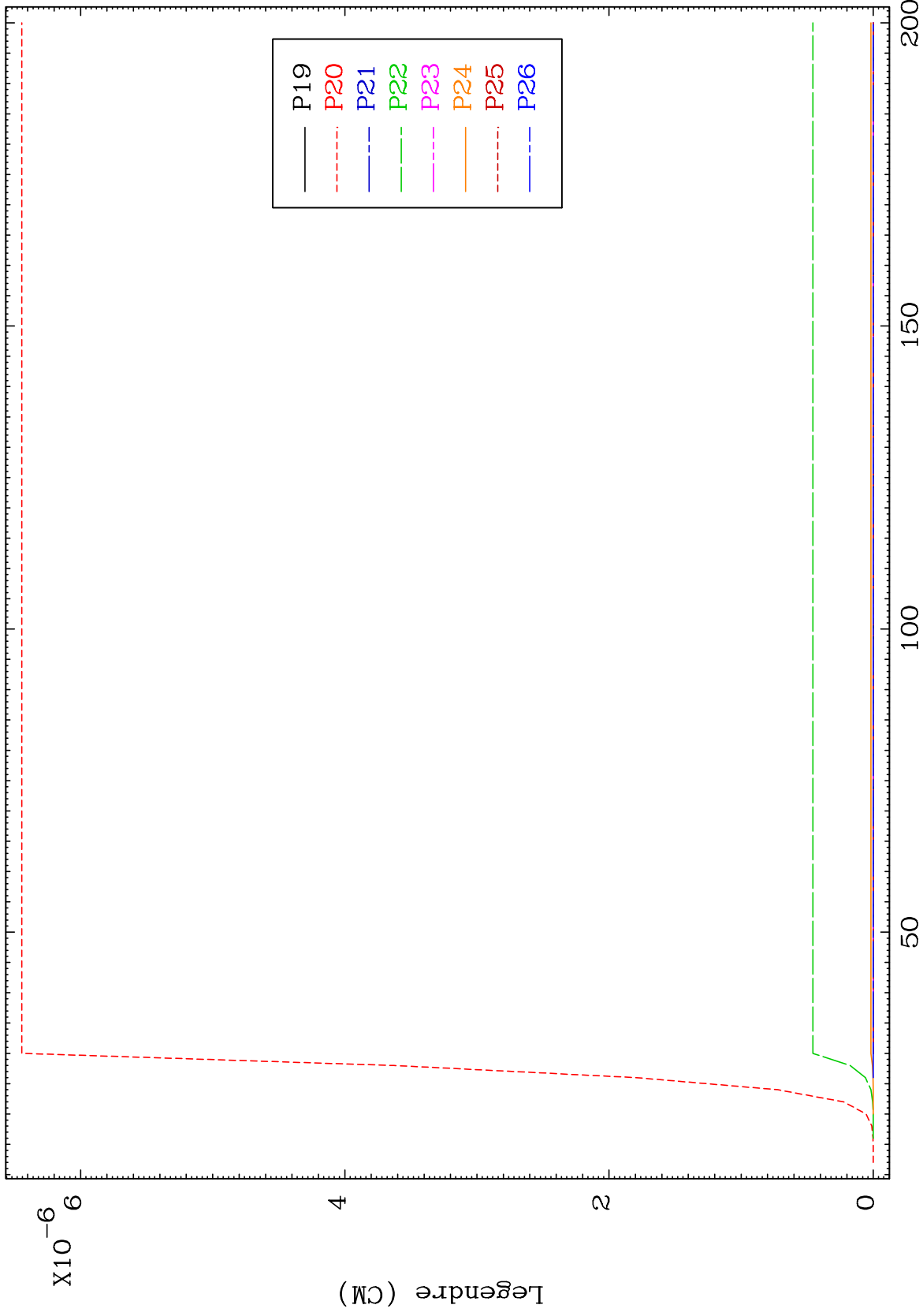
121



MAT 7928

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

79-Au-198

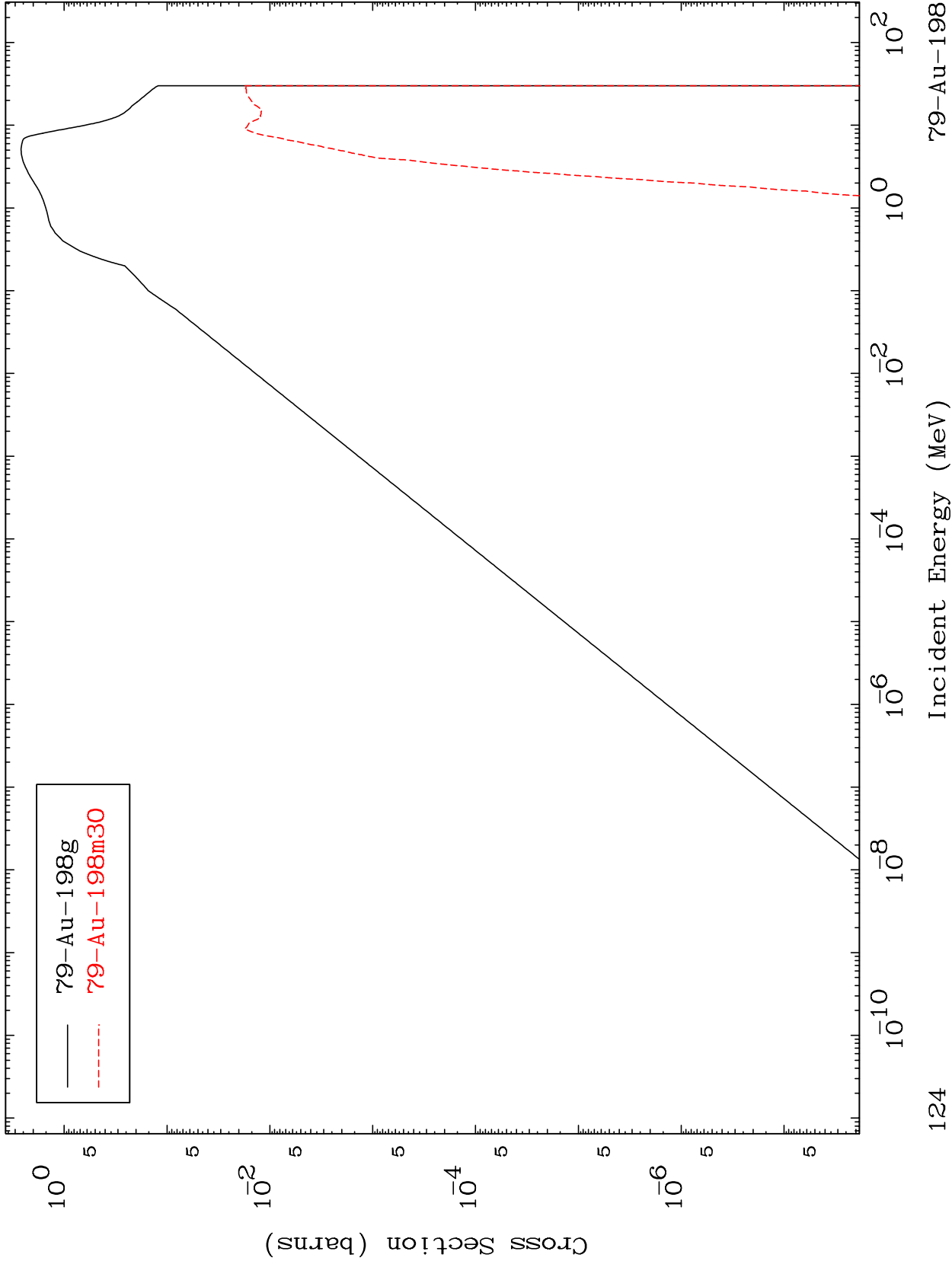


123

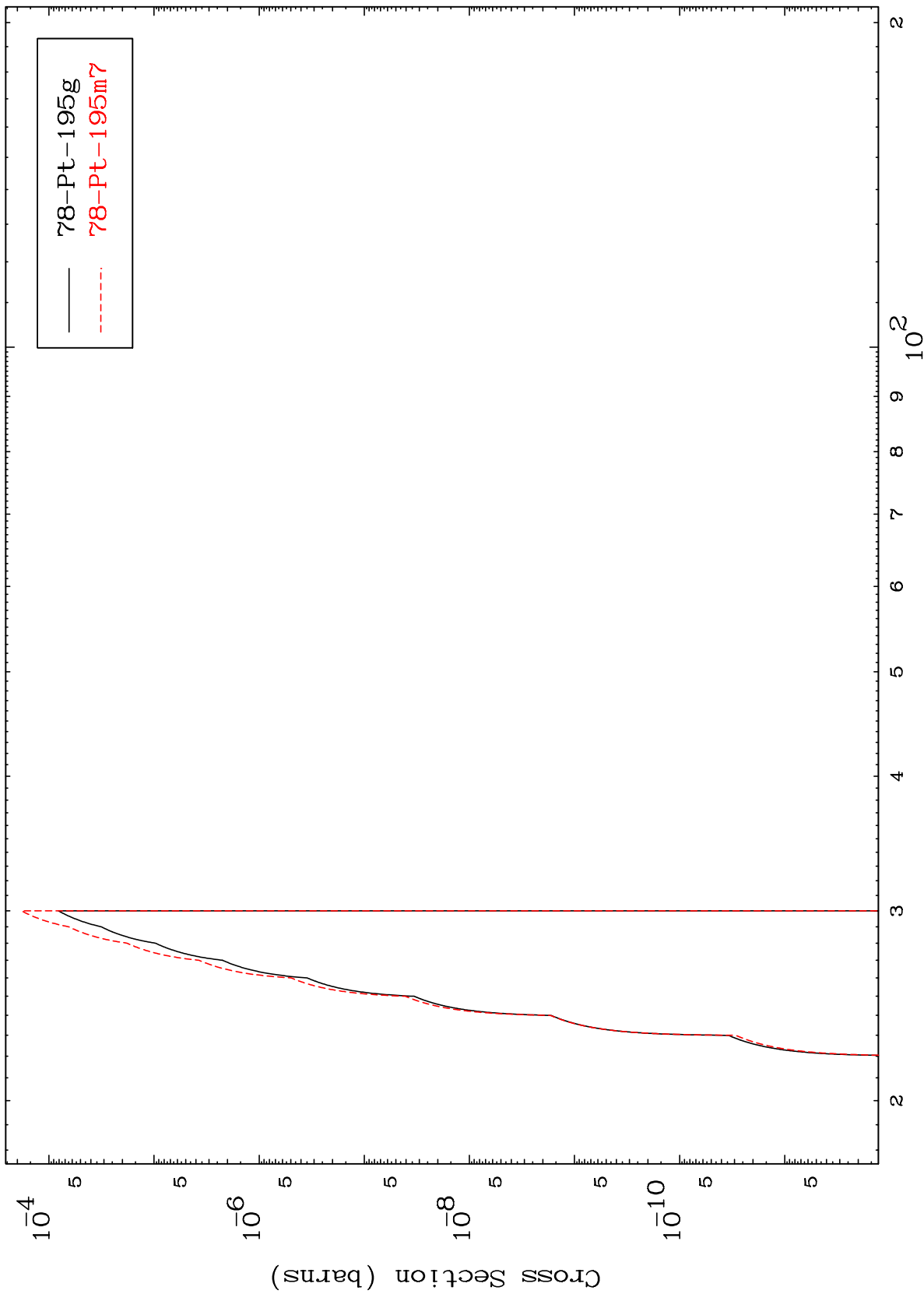
Incident Energy (MeV)

79-Au-198

Inelastic
Radionuclide Production Cross Section



Radionuclide Production Cross Section

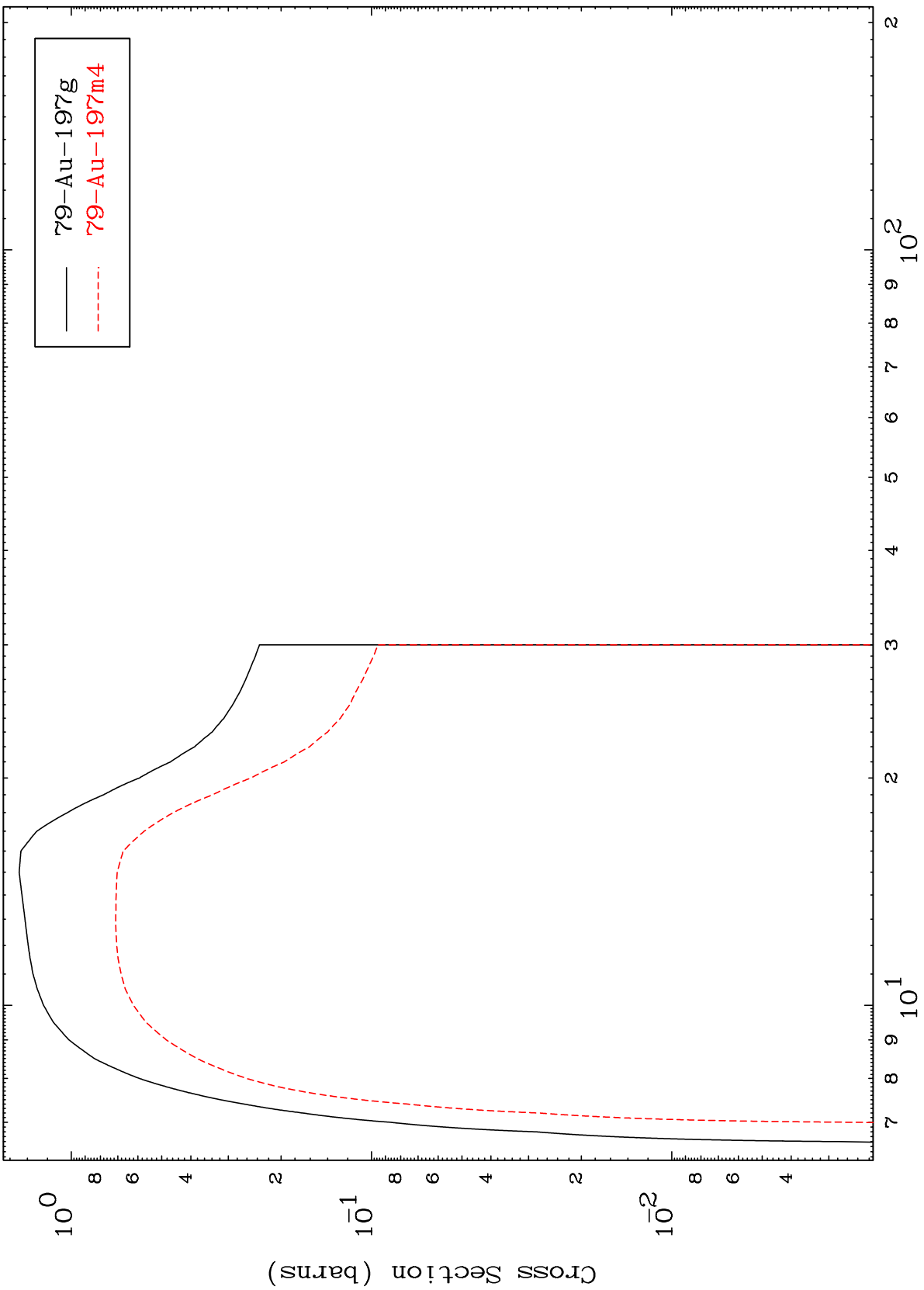


MAT 7928

79-Au-198

(n,2n)

Radionuclide Production Cross Section



126

Incident Energy (MeV)

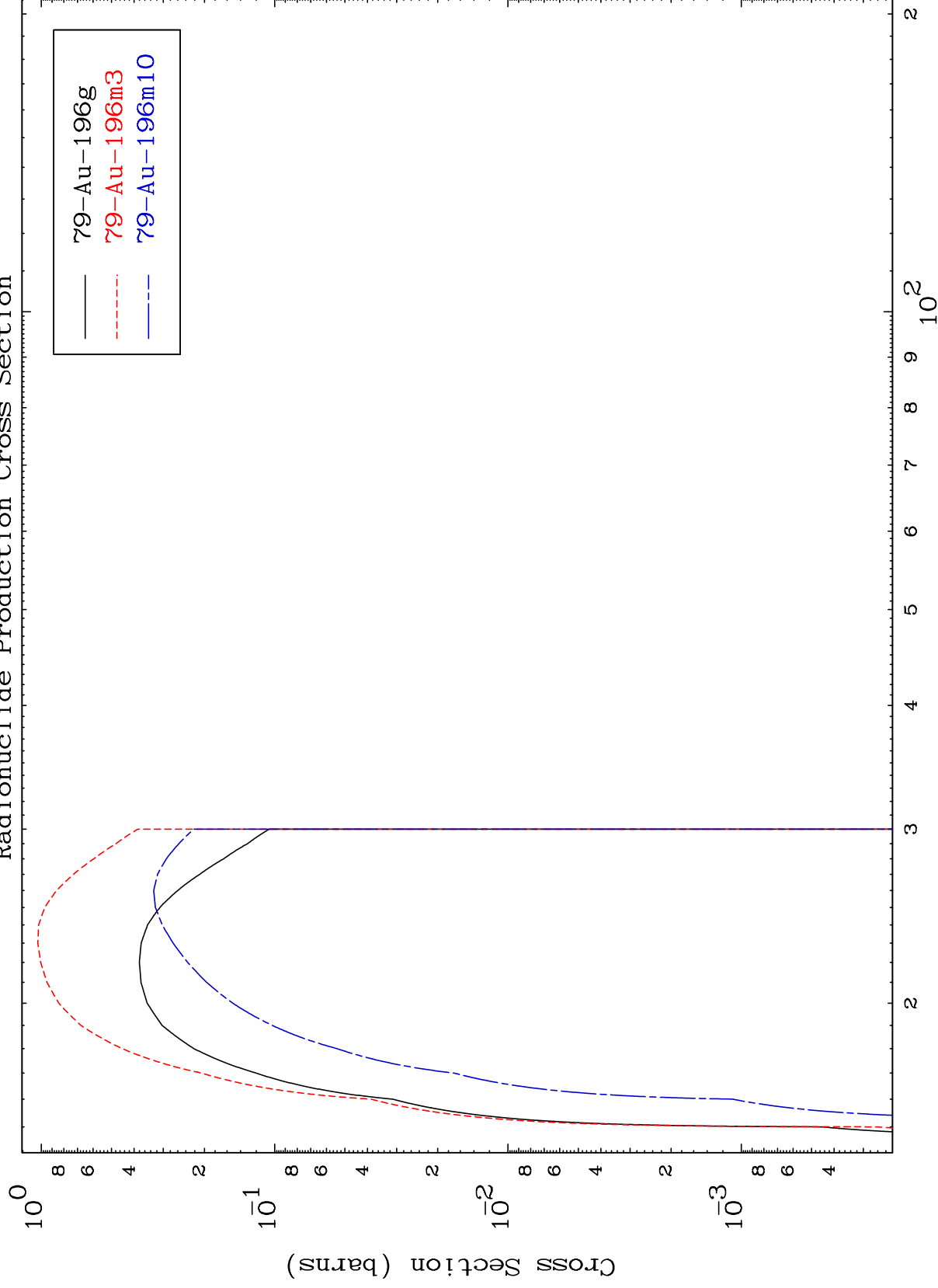
79-Au-198

MAT 7928

(n,3n)

79-Au-198

Radionuclide Production Cross Section



127

Incident Energy (MeV)

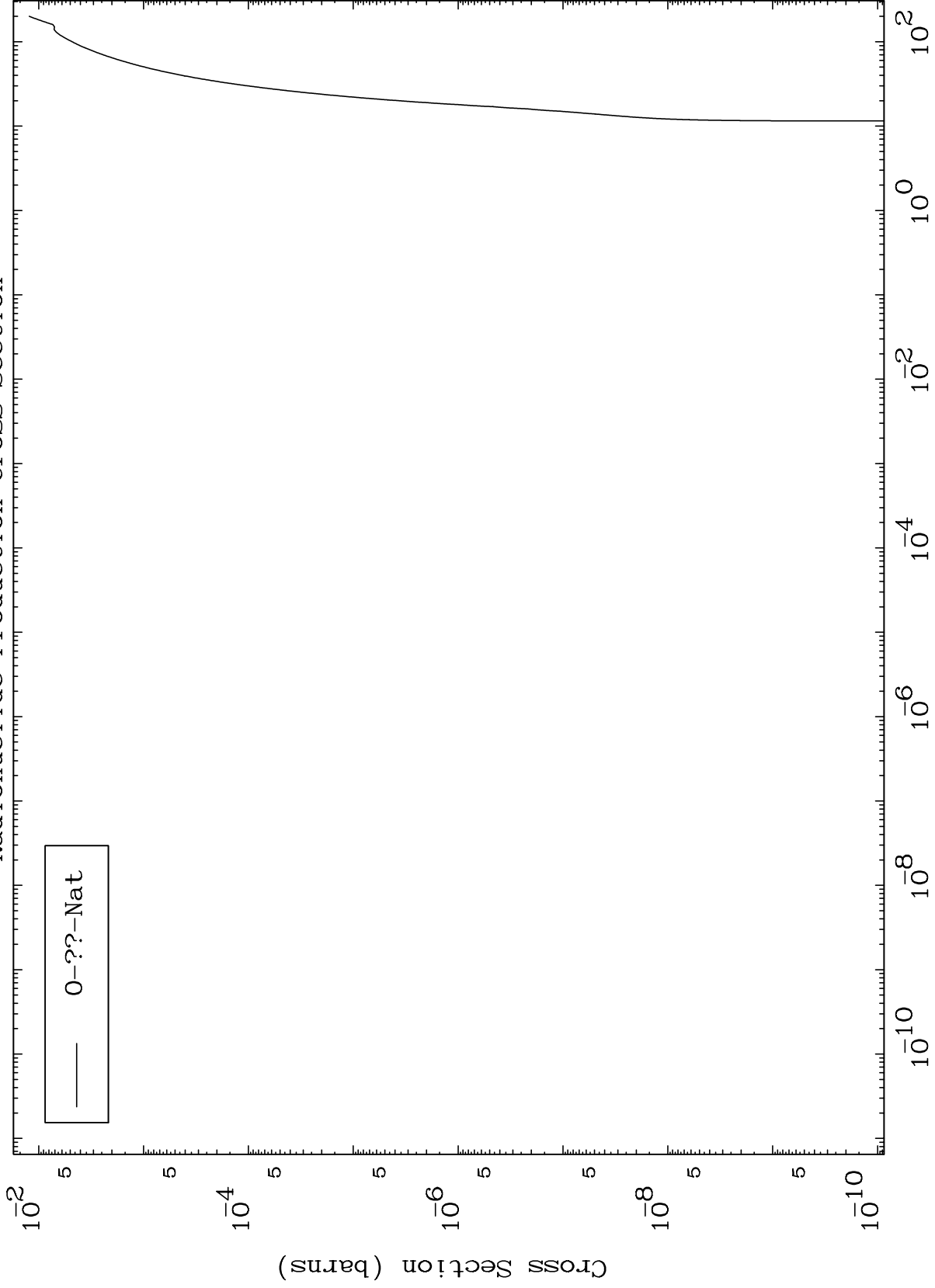
79-Au-198

MAT 7928

Fission

⁷⁹Au-198

Radionuclide Production Cross Section

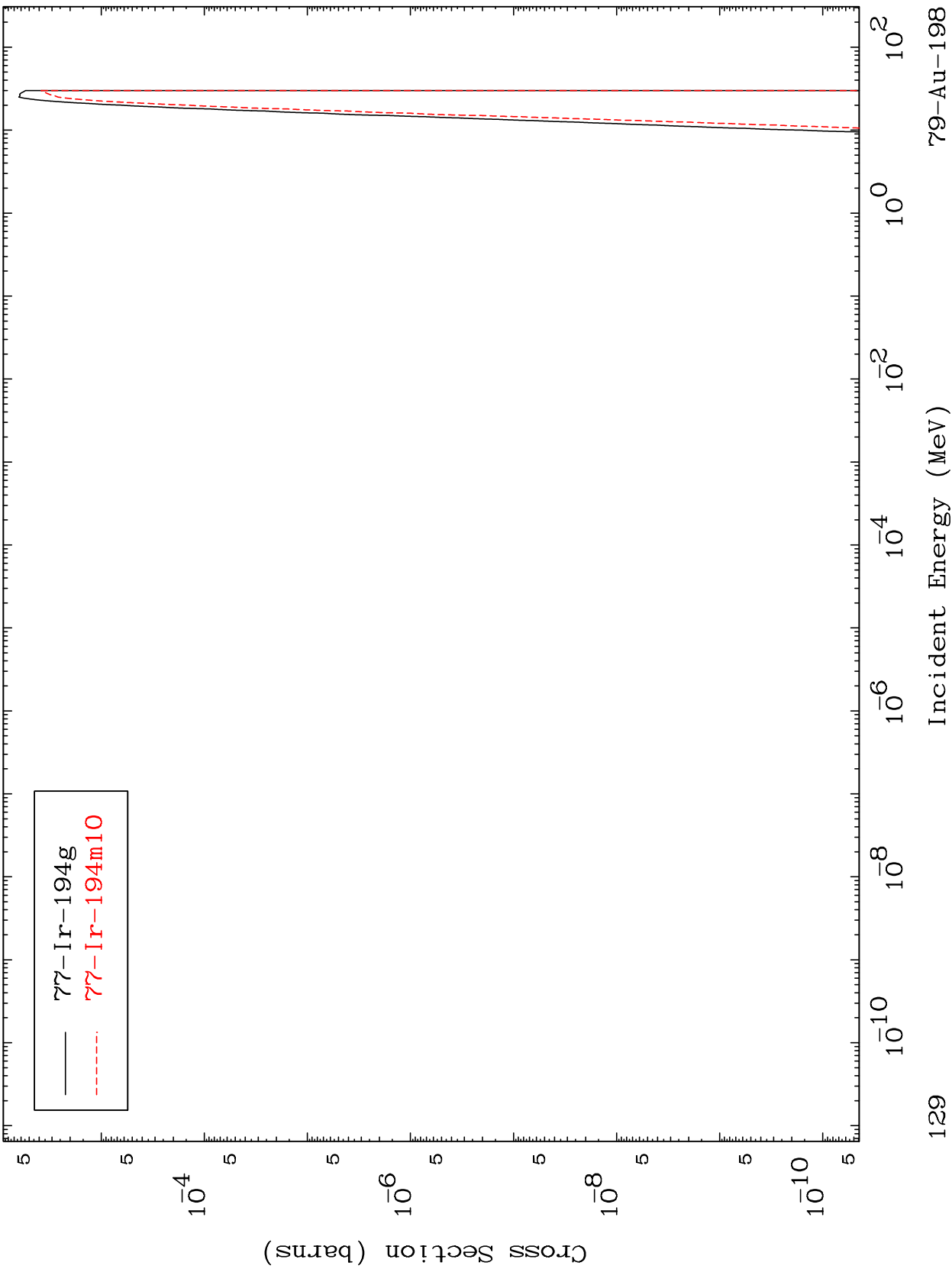


MAT 7928

$(n, n') \alpha$

79-Au-198

Radionuclide Production Cross Section

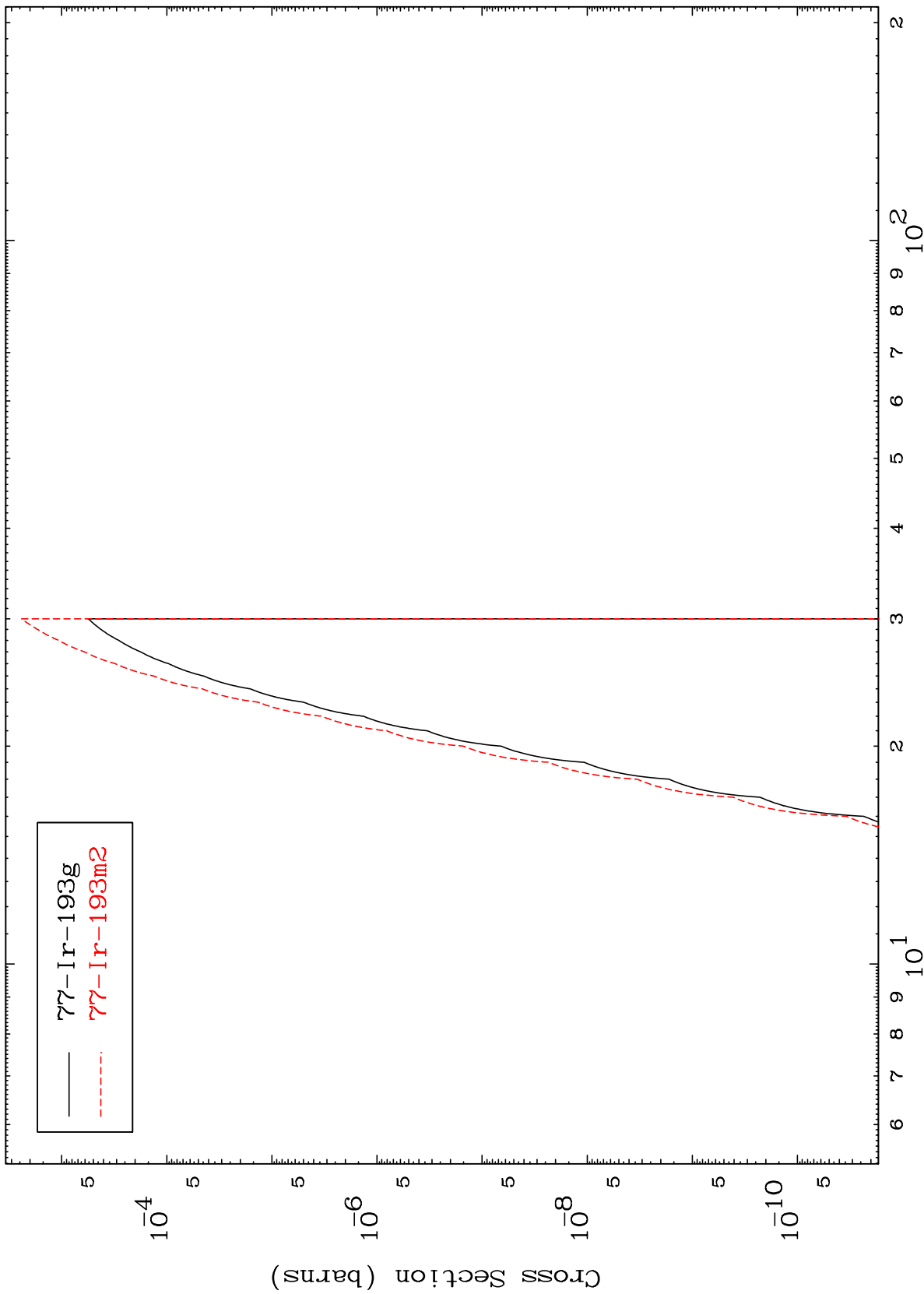


MAT 7928

$(n,2n) \alpha$

79-Au-198

Radionuclide Production Cross Section



77-Ir-193g
77-Ir-193m2

130

Incident Energy (MeV)

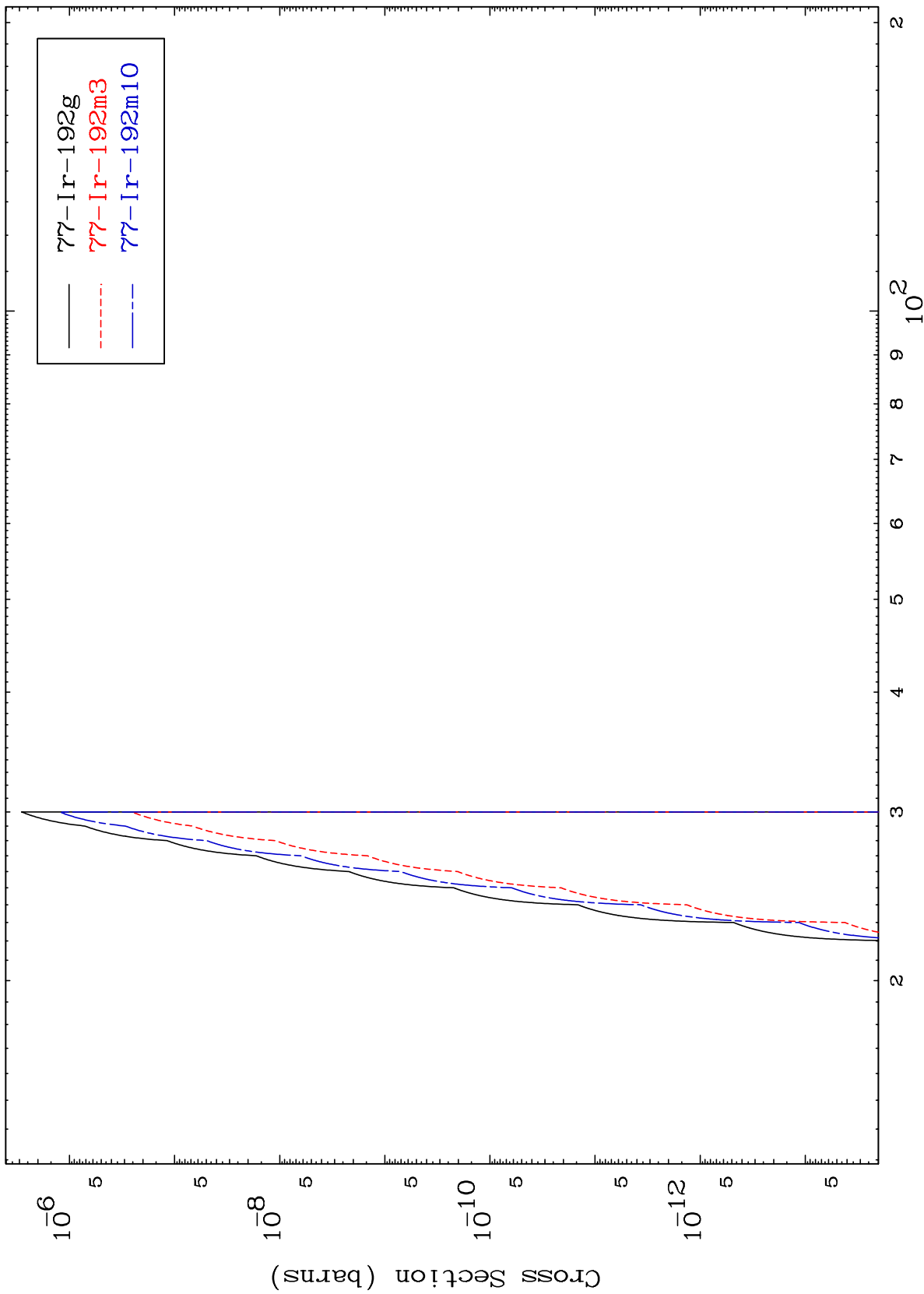
79-Au-198

MAT 7928

$(n,3n) \alpha$

79-Au-198

Radionuclide Production Cross Section

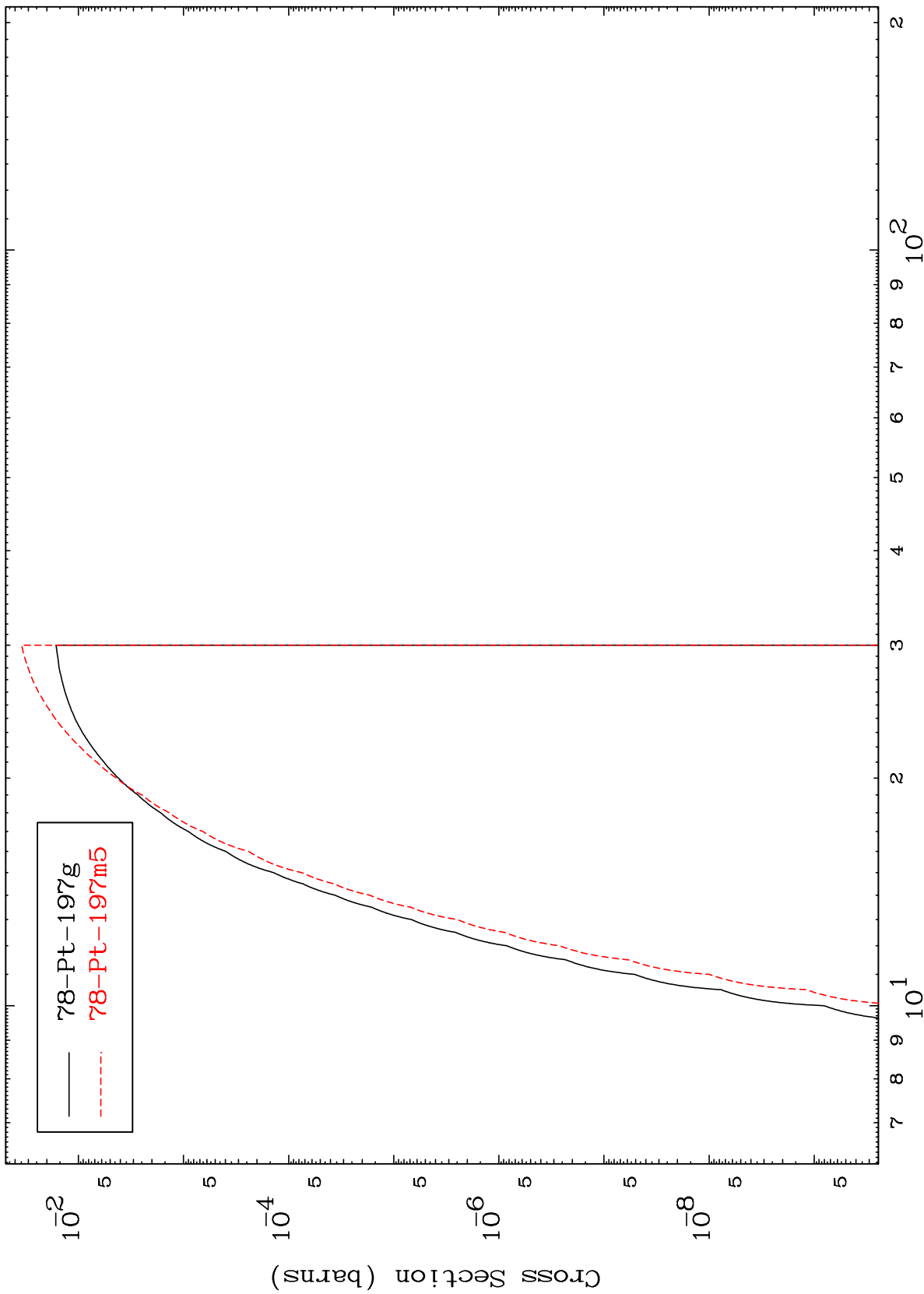


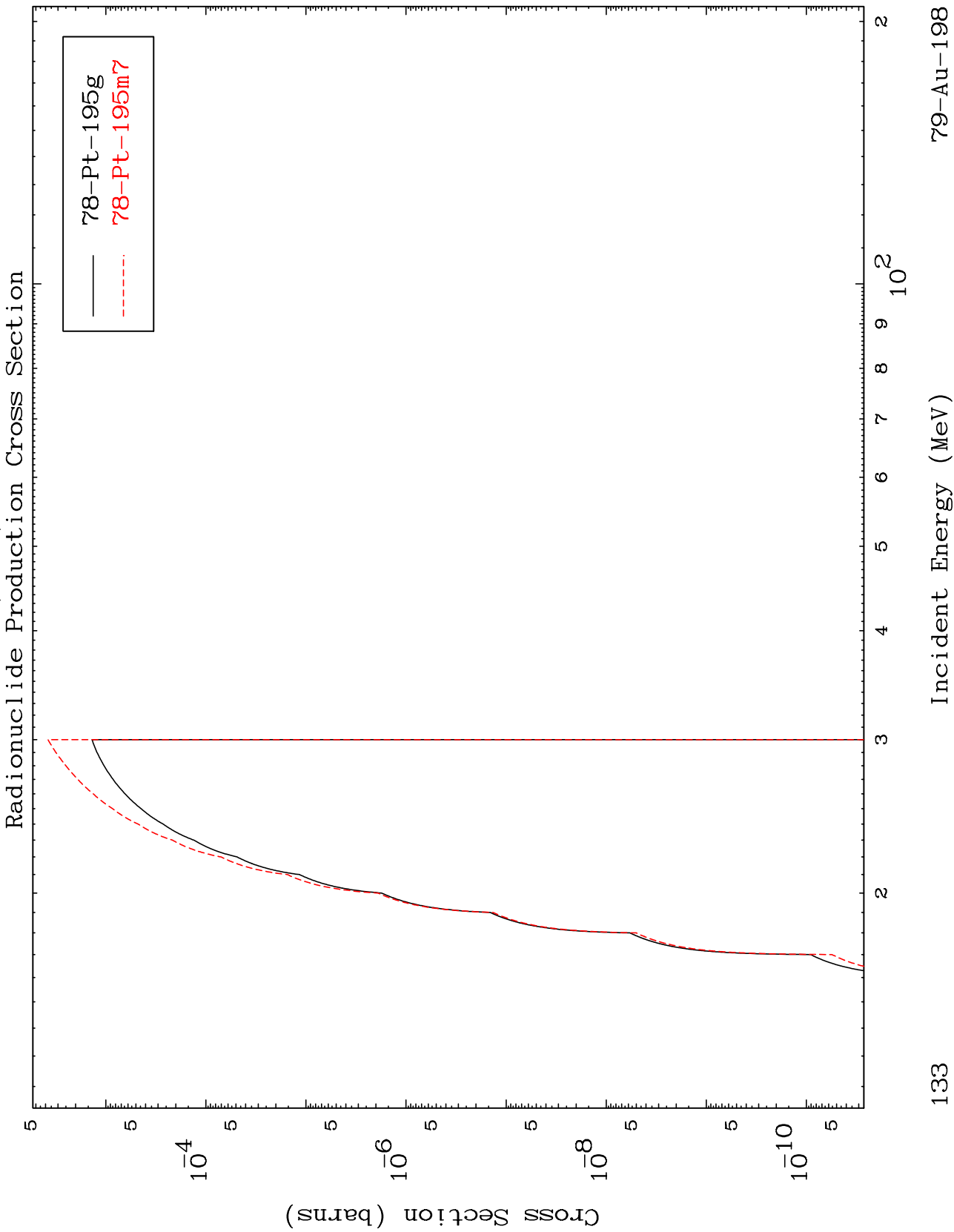
131

Incident Energy (MeV)

79-Au-198

Radionuclide Production Cross Section



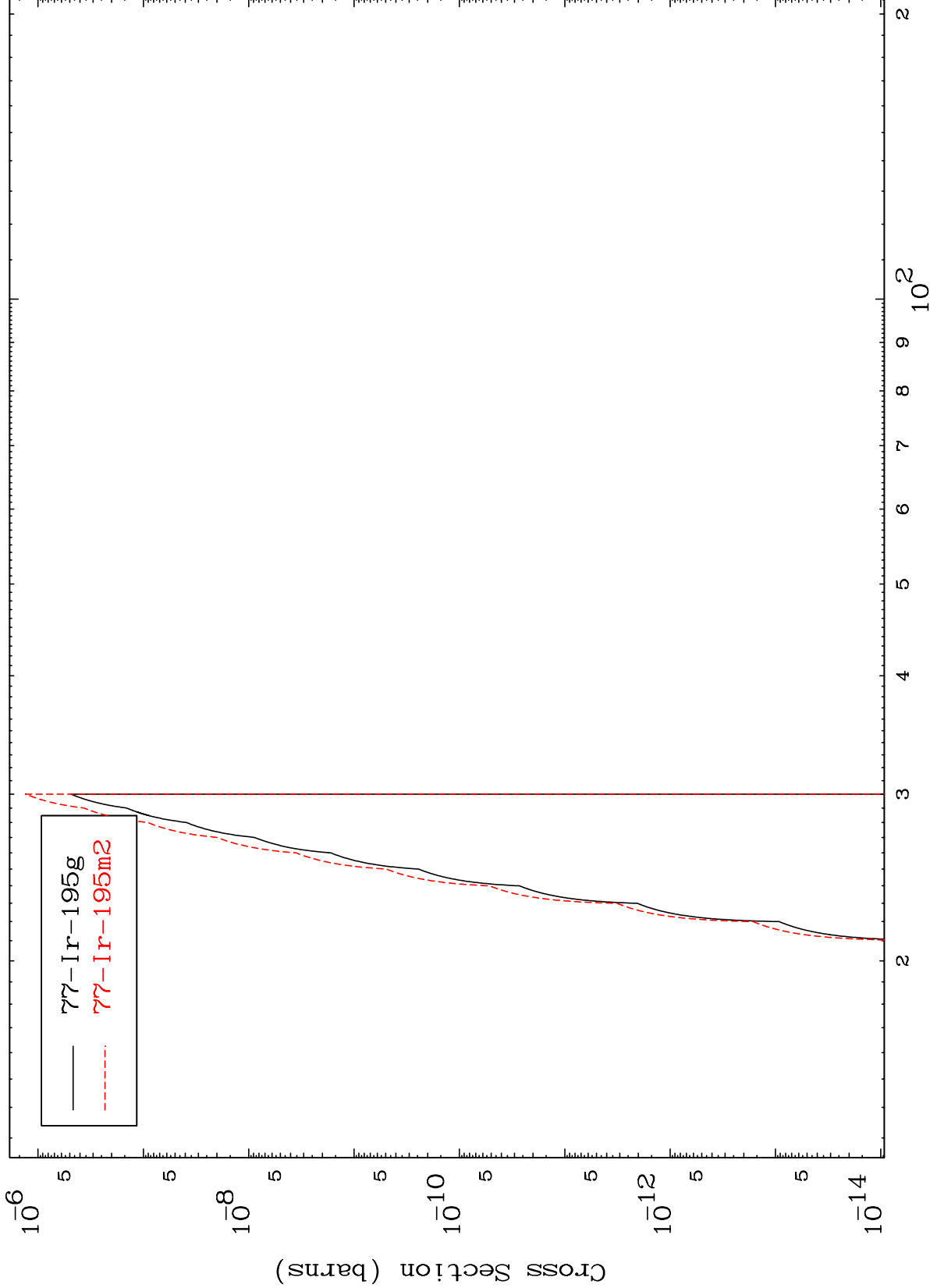


MAT 7928

(n,n') He-3

79-Au-198

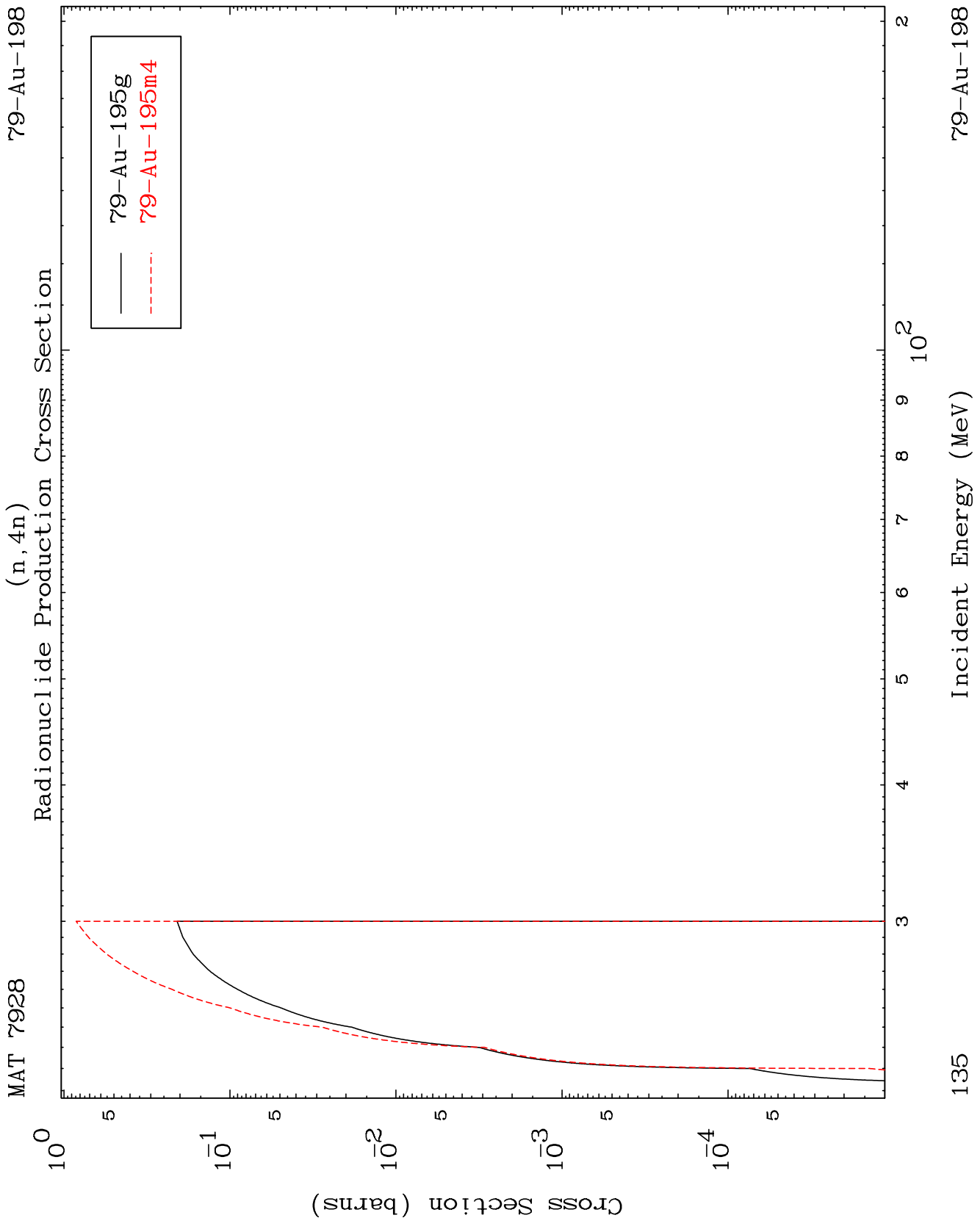
Radionuclide Production Cross Section



134

Incident Energy (MeV)

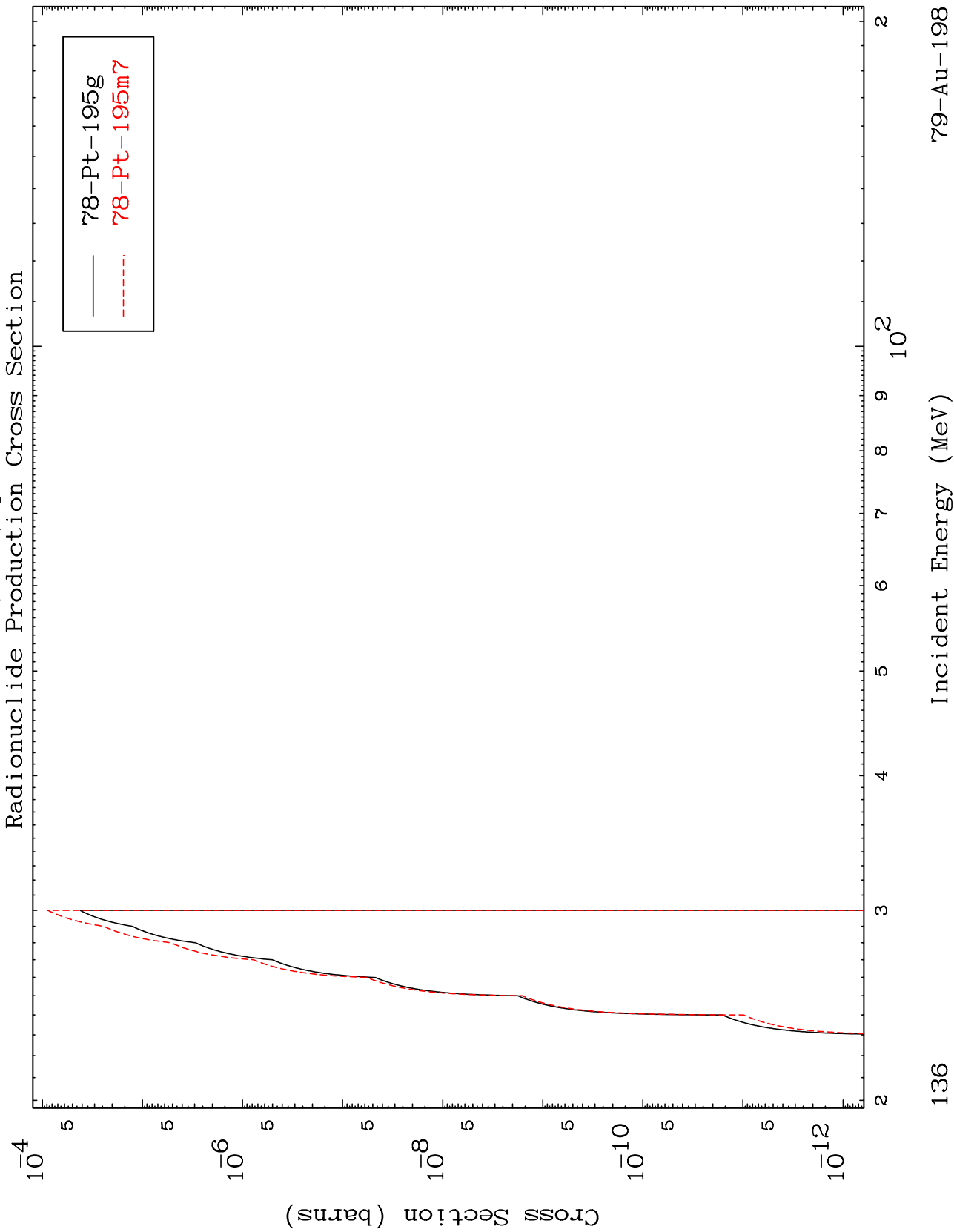
79-Au-198



MAT 7928

(n,3n) p

79-Au-198



136

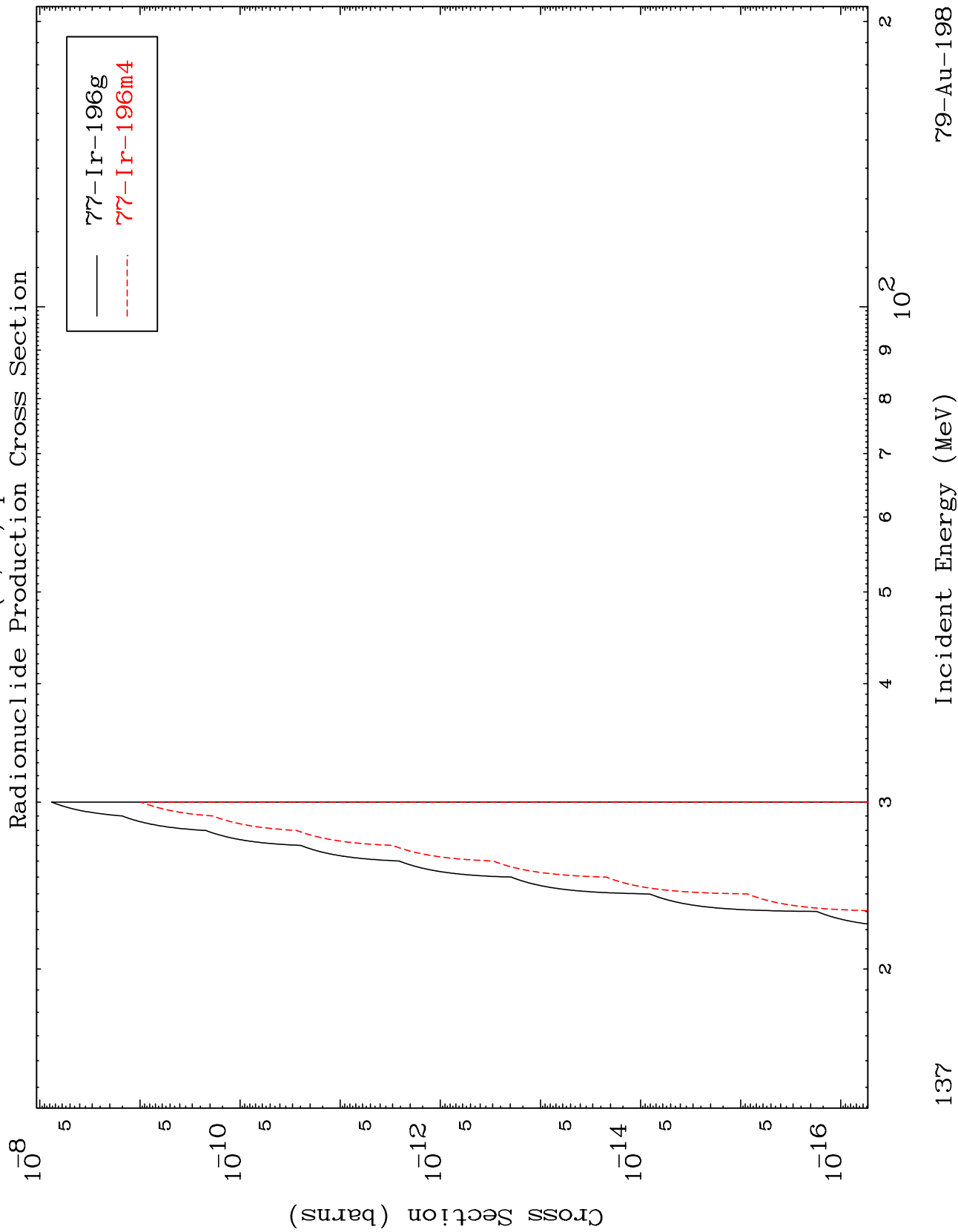
Incident Energy (MeV)

79-Au-198

MAT 7928

(n,2n) p

79-Au-198



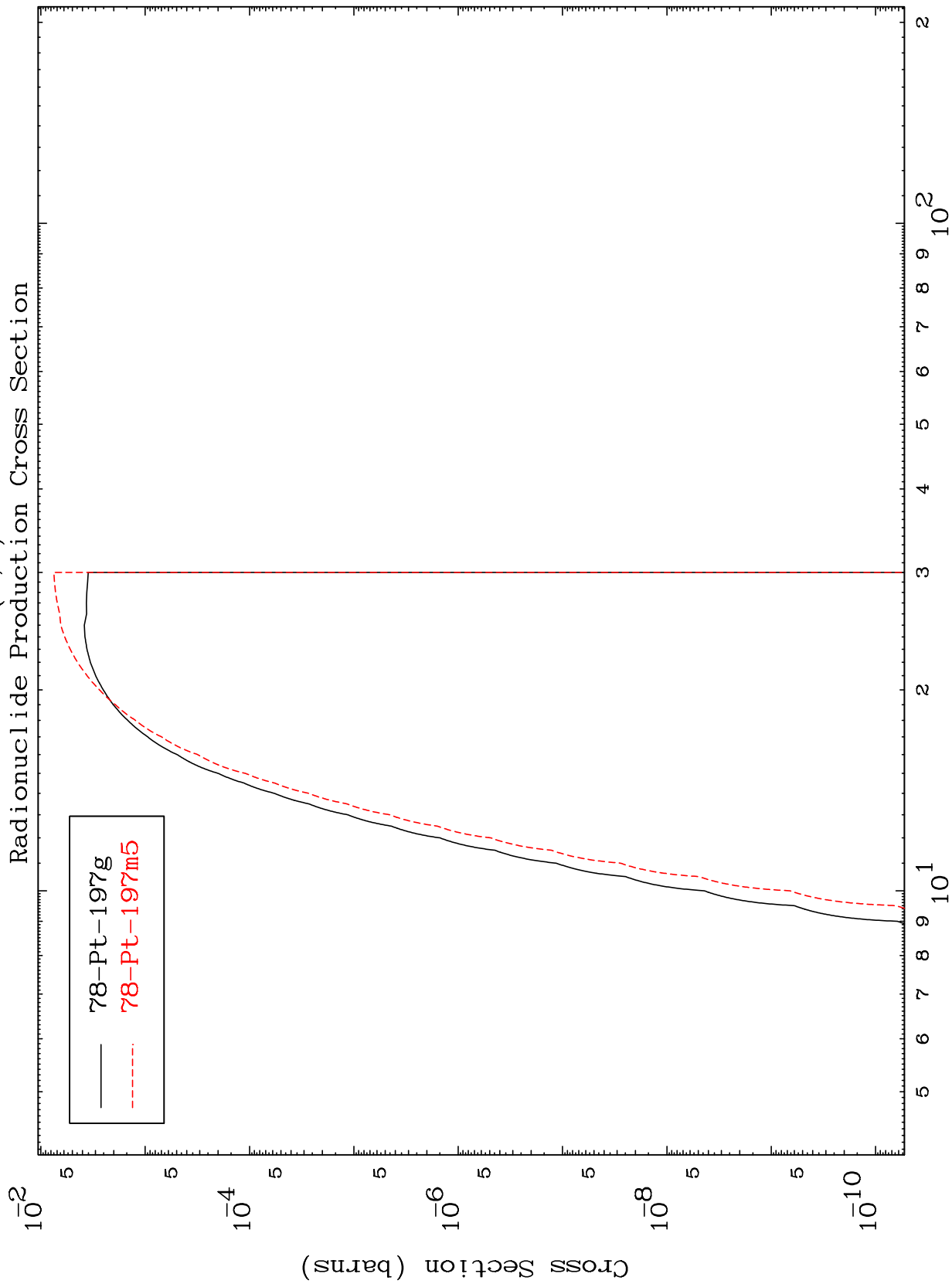
137

79-Au-198

MAT 7928

79-Au-198

(n,d)
Radionuclide Production Cross Section



138

Incident Energy (MeV)

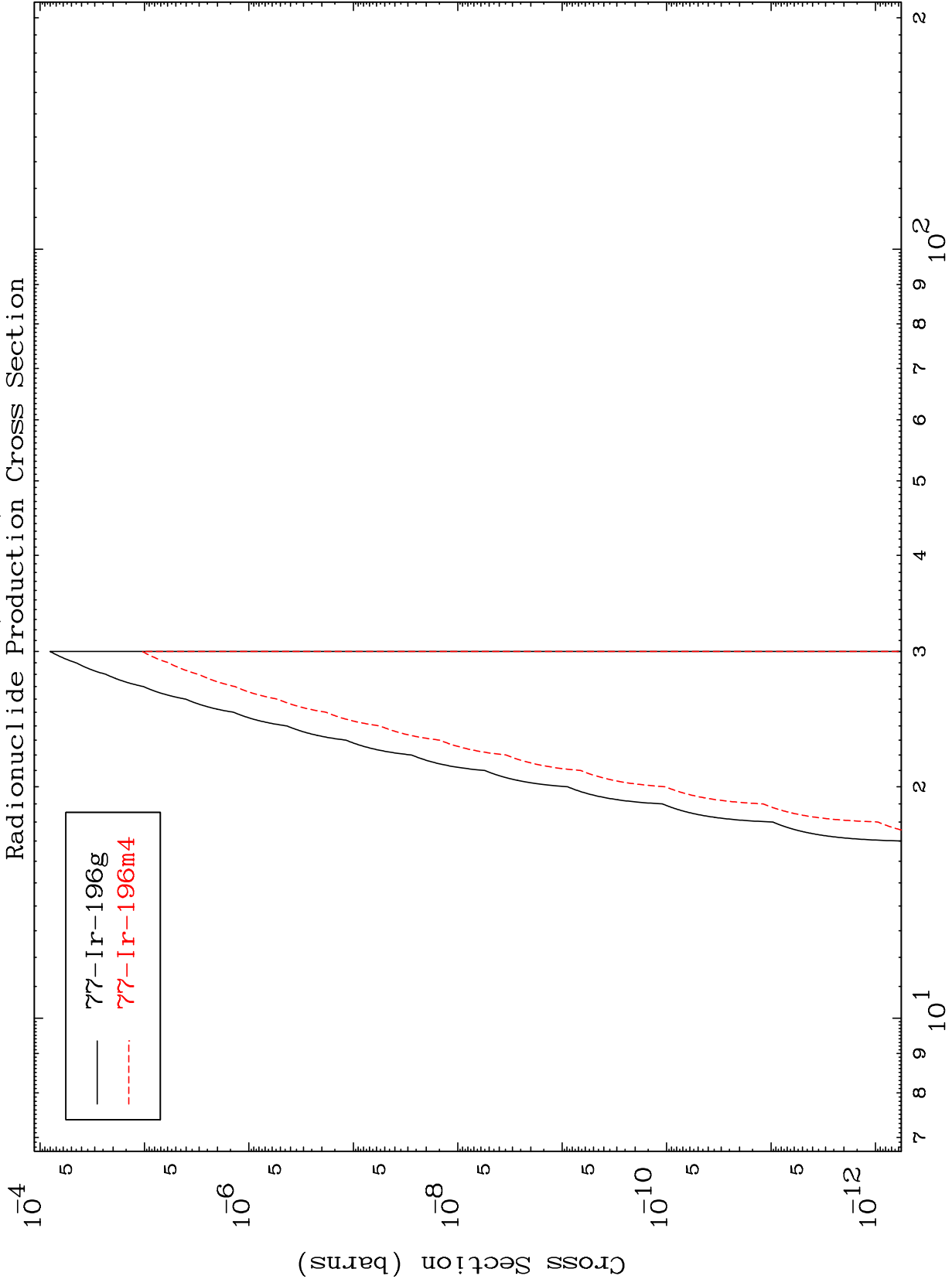
79-Au-198

MAT 7928

(n,He-3)

79-Au-198

Radionuclide Production Cross Section



77-Ir-196g
77-Ir-196m4

139

Incident Energy (MeV)

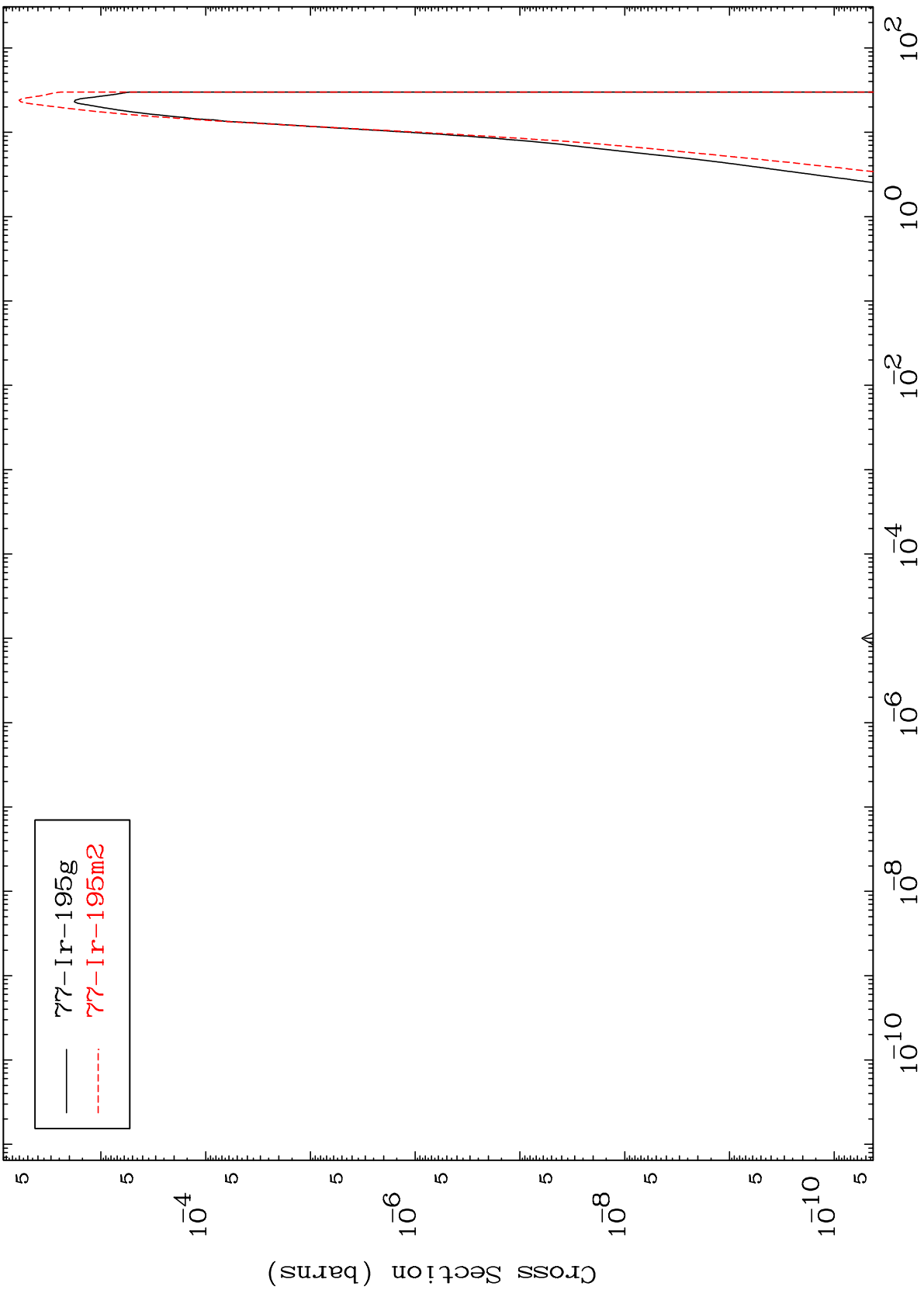
79-Au-198

MAT 7928

(n, α)

79-Au-198

Radionuclide Production Cross Section

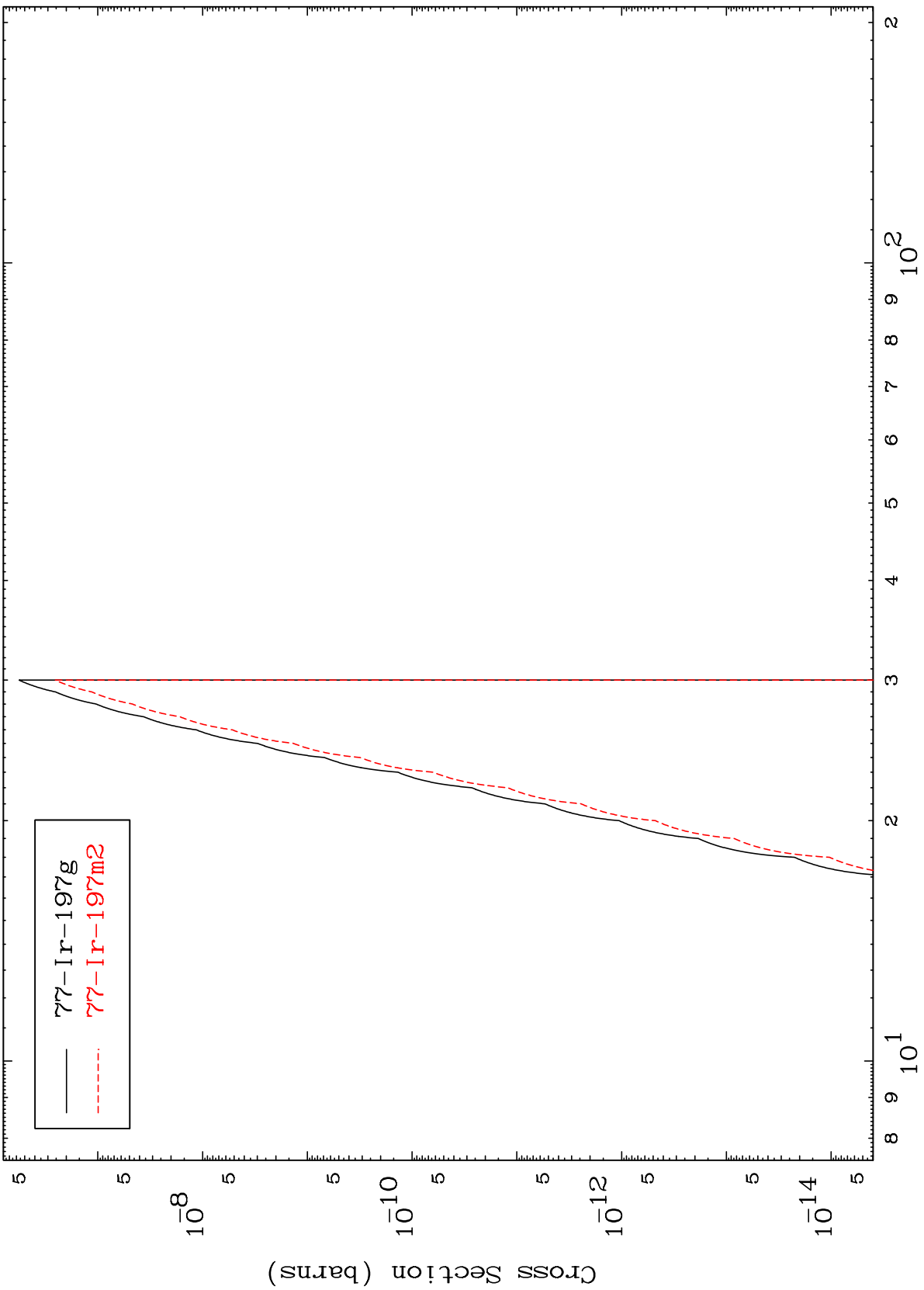


— 77-Ir-195g
- - - 77-Ir-195m2

MAT 7928

79-Au-198

(n,2p)
Radionuclide Production Cross Section



— $^{77}\text{Ir-197g}$
- - - $^{77}\text{Ir-197m2}$

141

Incident Energy (MeV)

79-Au-198