

Program EVALPLOT
(Version 2021-1)

by

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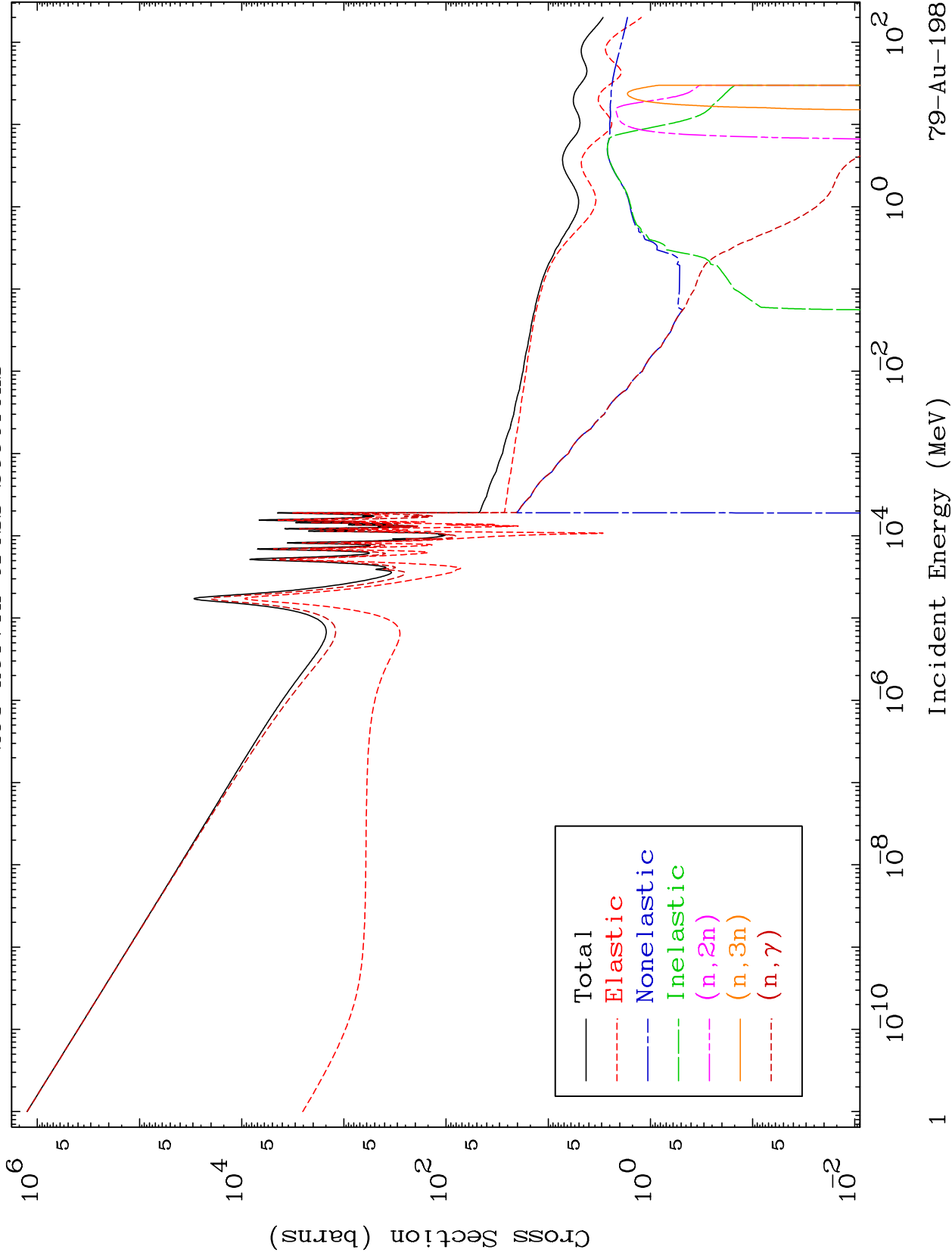
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Press Mouse Button to Start

MAT 7928

Neutron Major
293 Kelvin Cross Sections

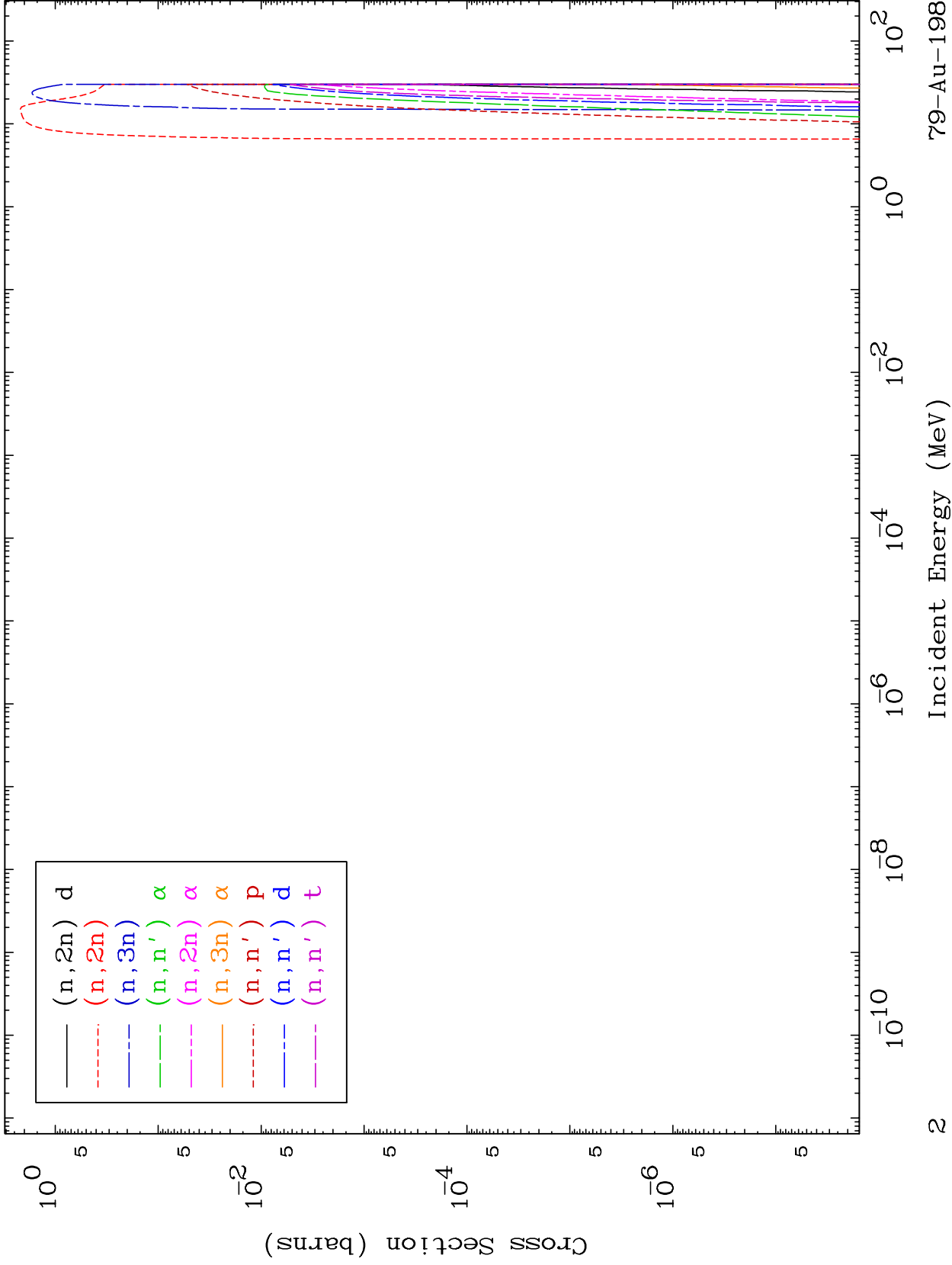
79-Au-198



MAT 7928

Neutron Absorption
293 Kelvin Cross Sections

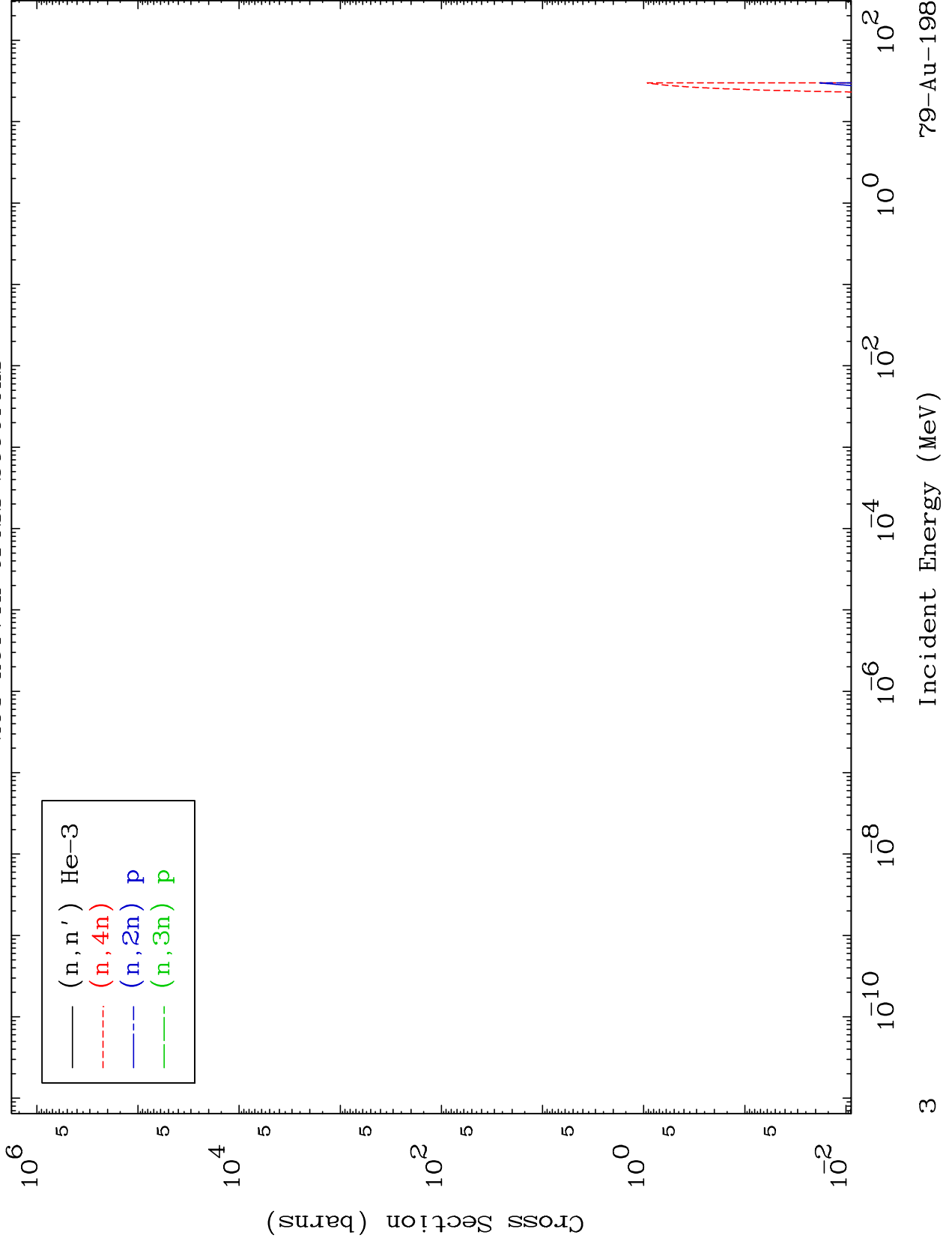
79-Au-198



MAT 7928

Neutron Absorption
293 Kelvin Cross Sections

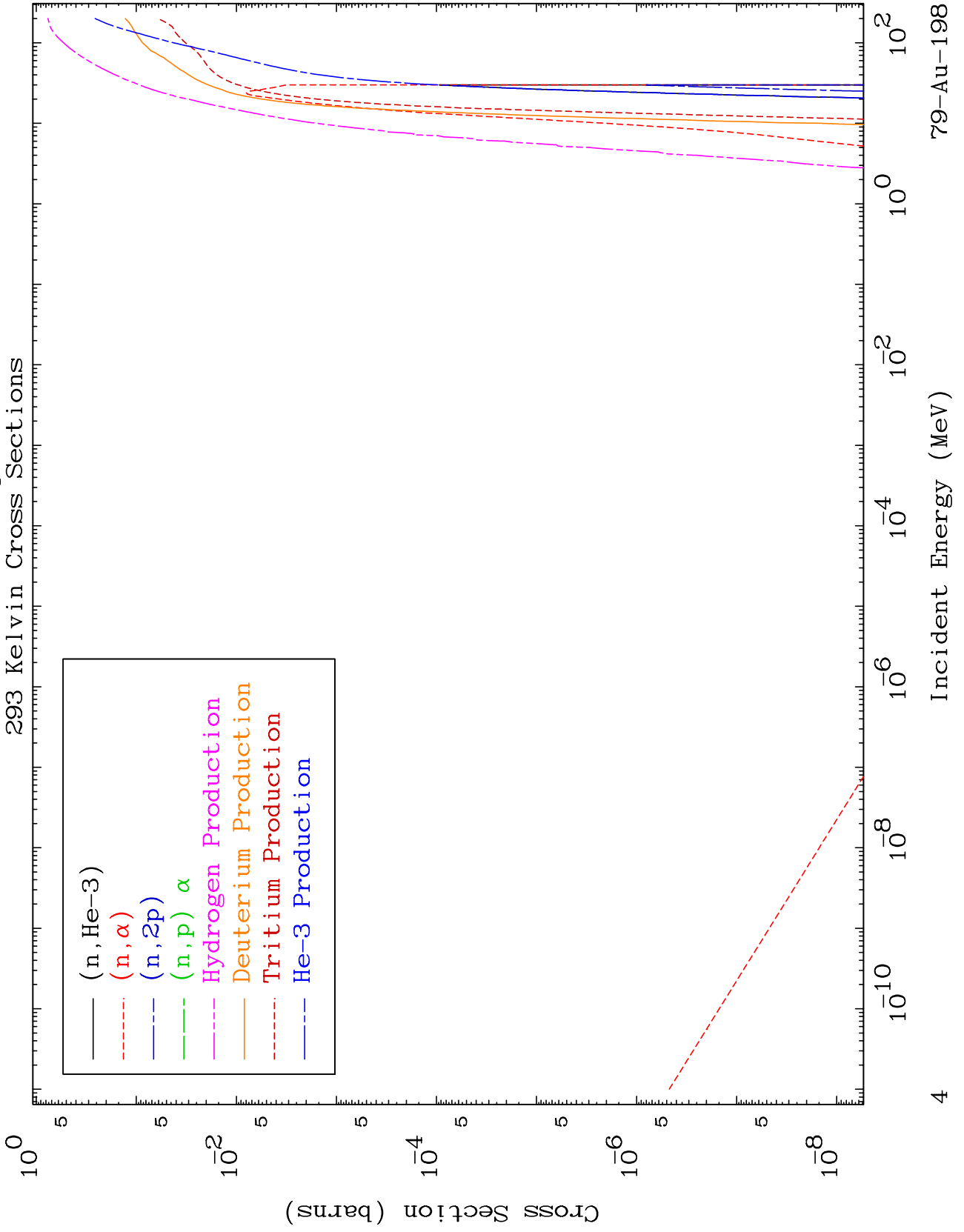
79-Au-198

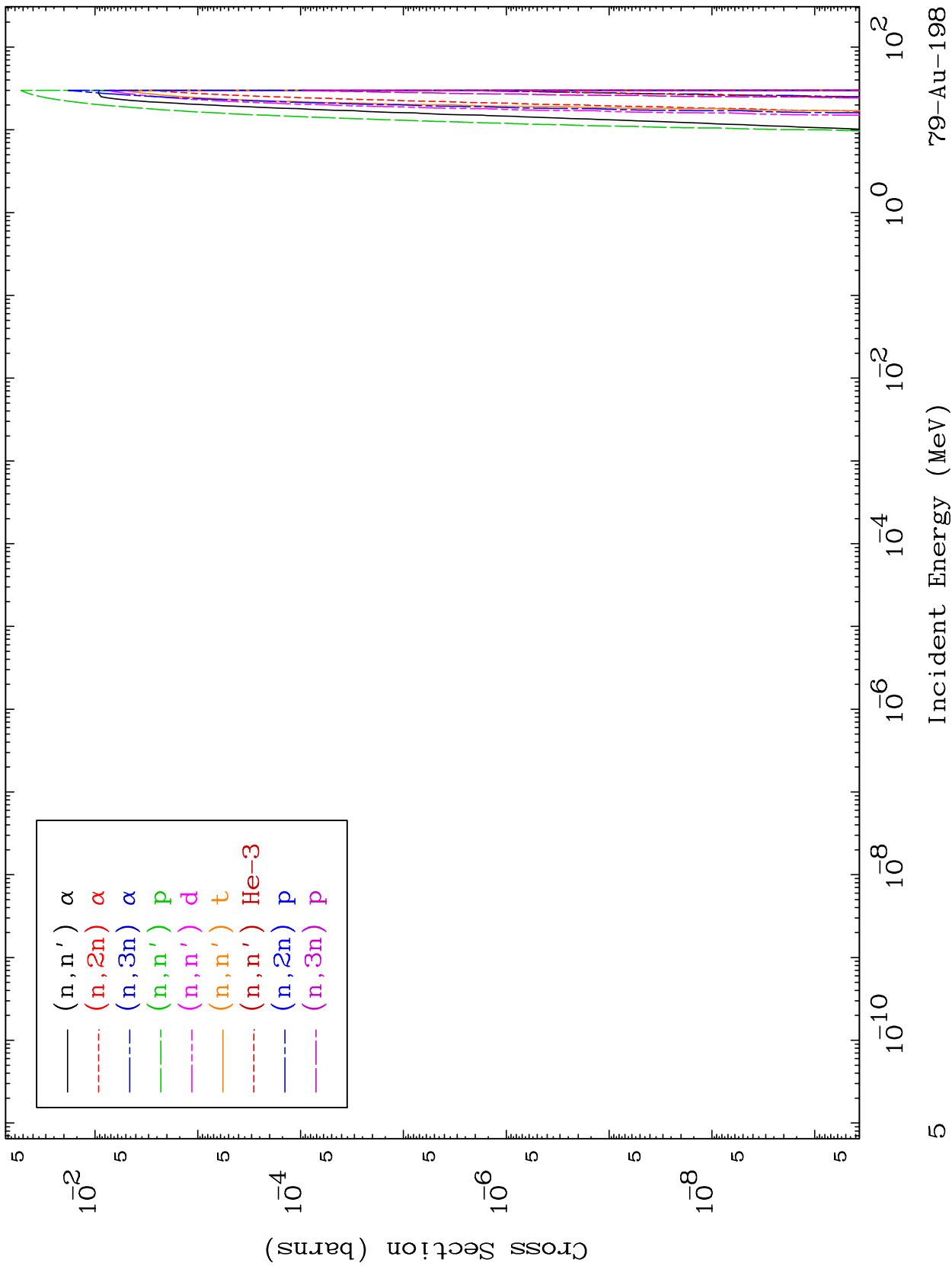


MAT 7928

Neutron Absorption
293 Kelvin Cross Sections

79-Au-198

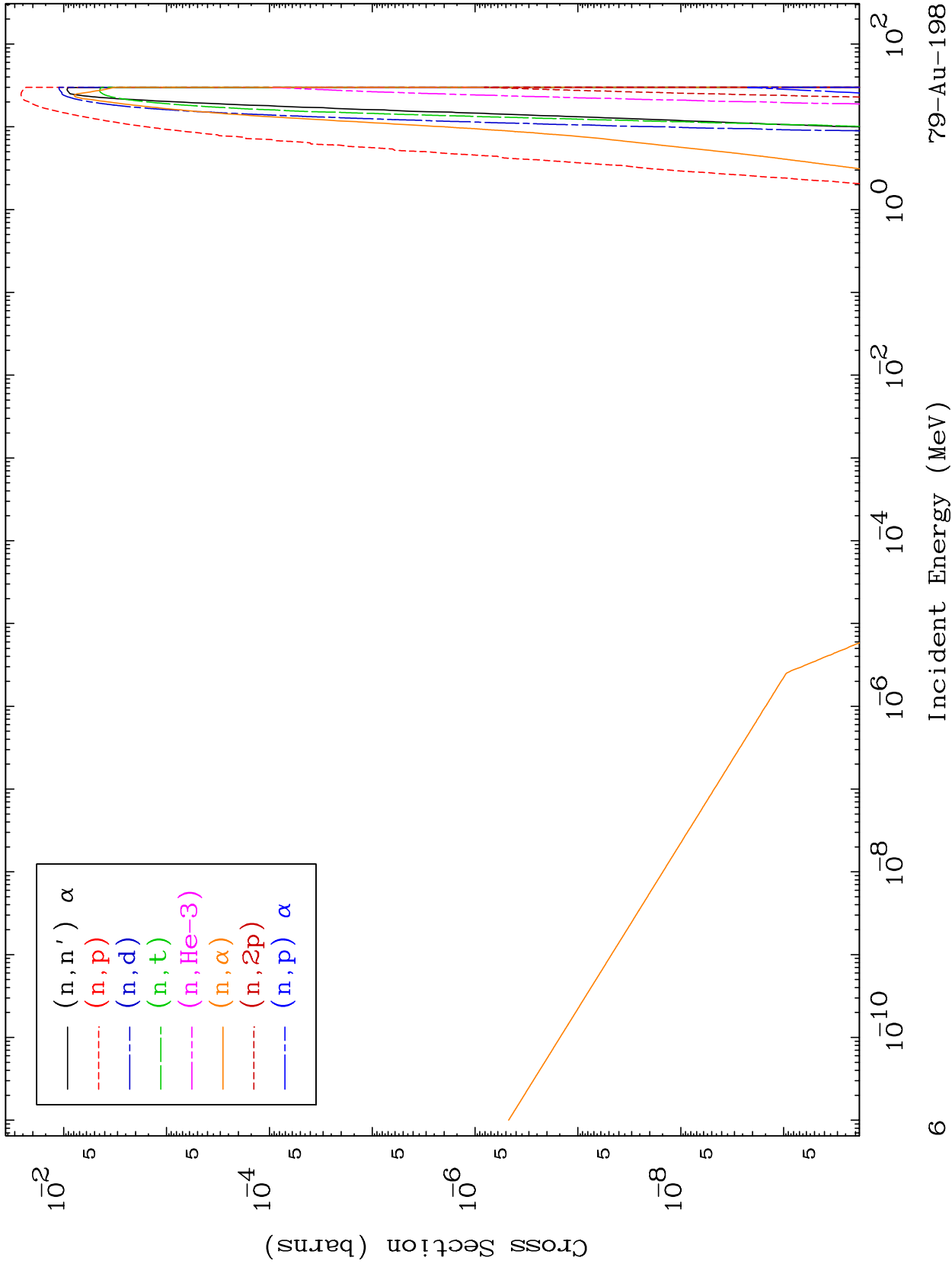




MAT 7928

Charged Particle
293 Kelvin Cross Sections

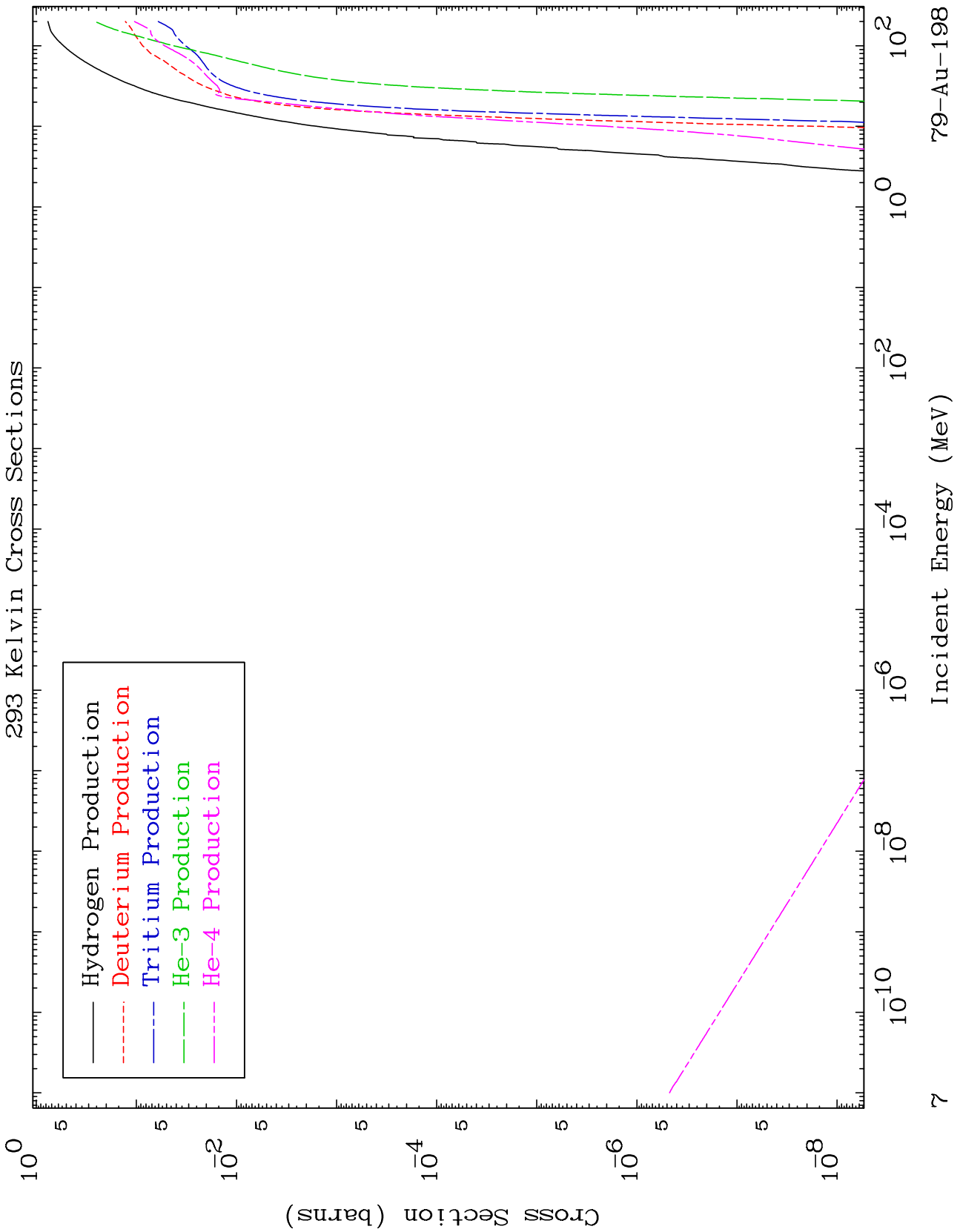
79-Au-198

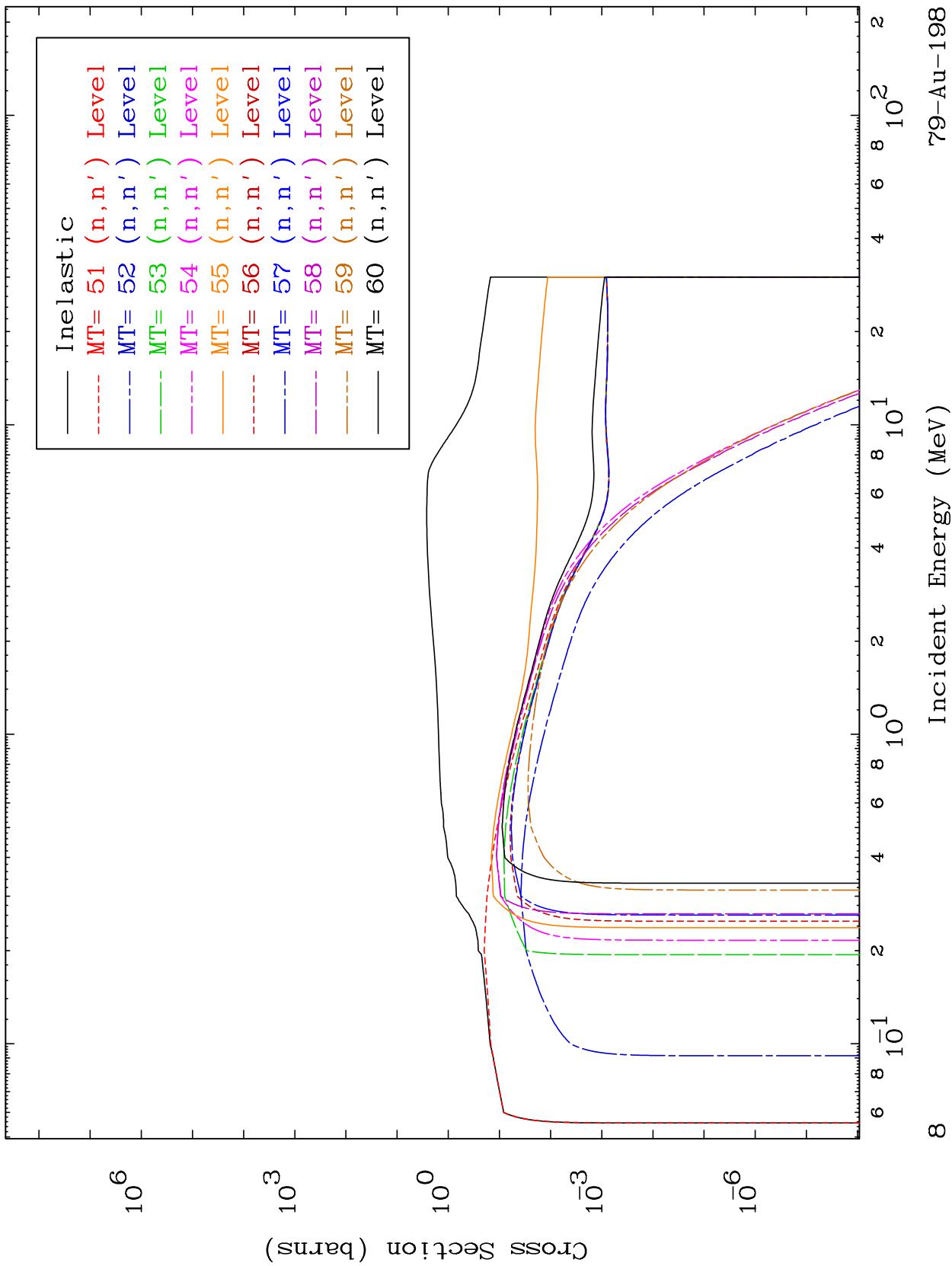


MAT 7928

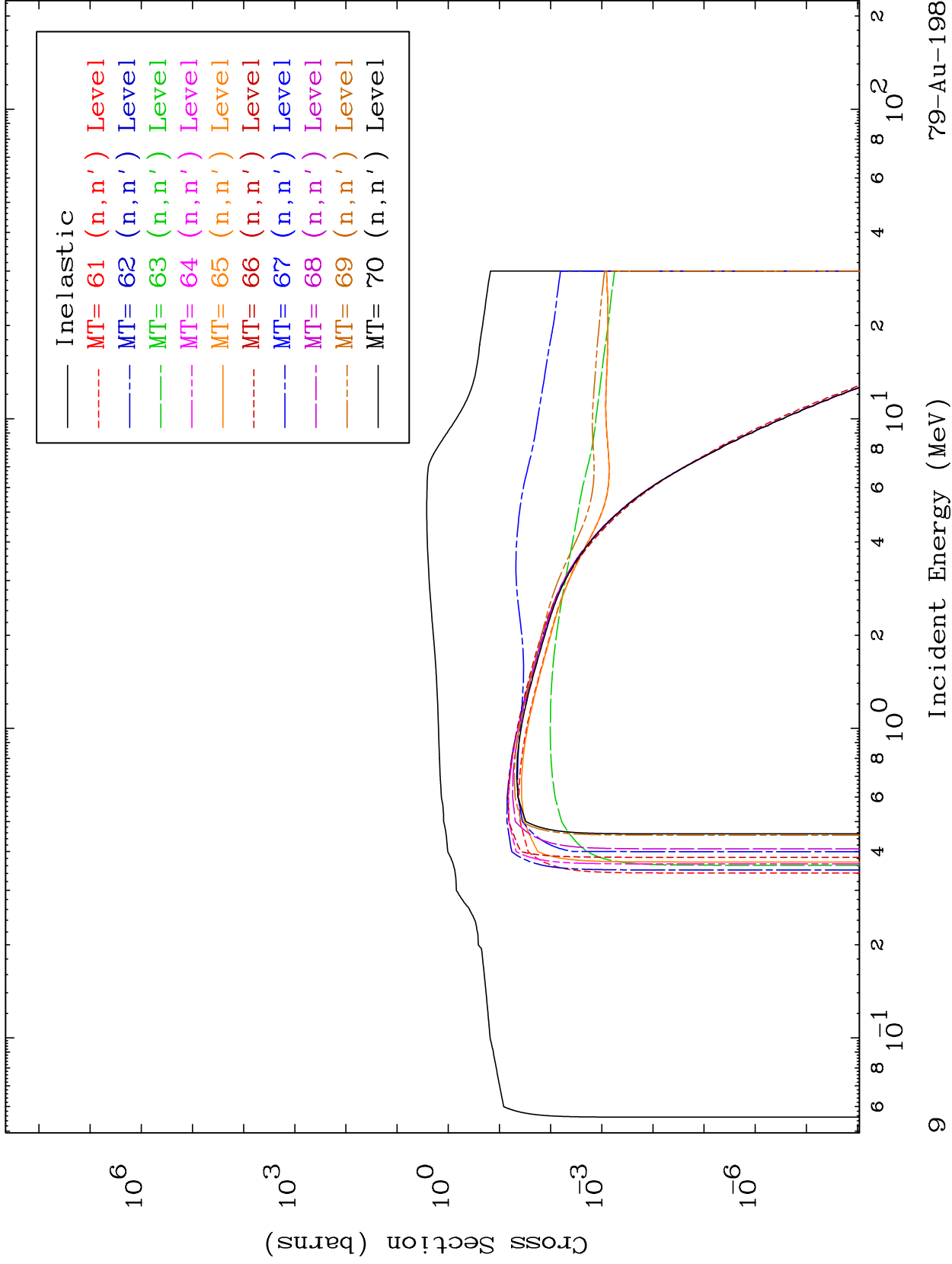
Particle Production
293 Kelvin Cross Sections

79-Au-198





293 Kelvin Cross Sections

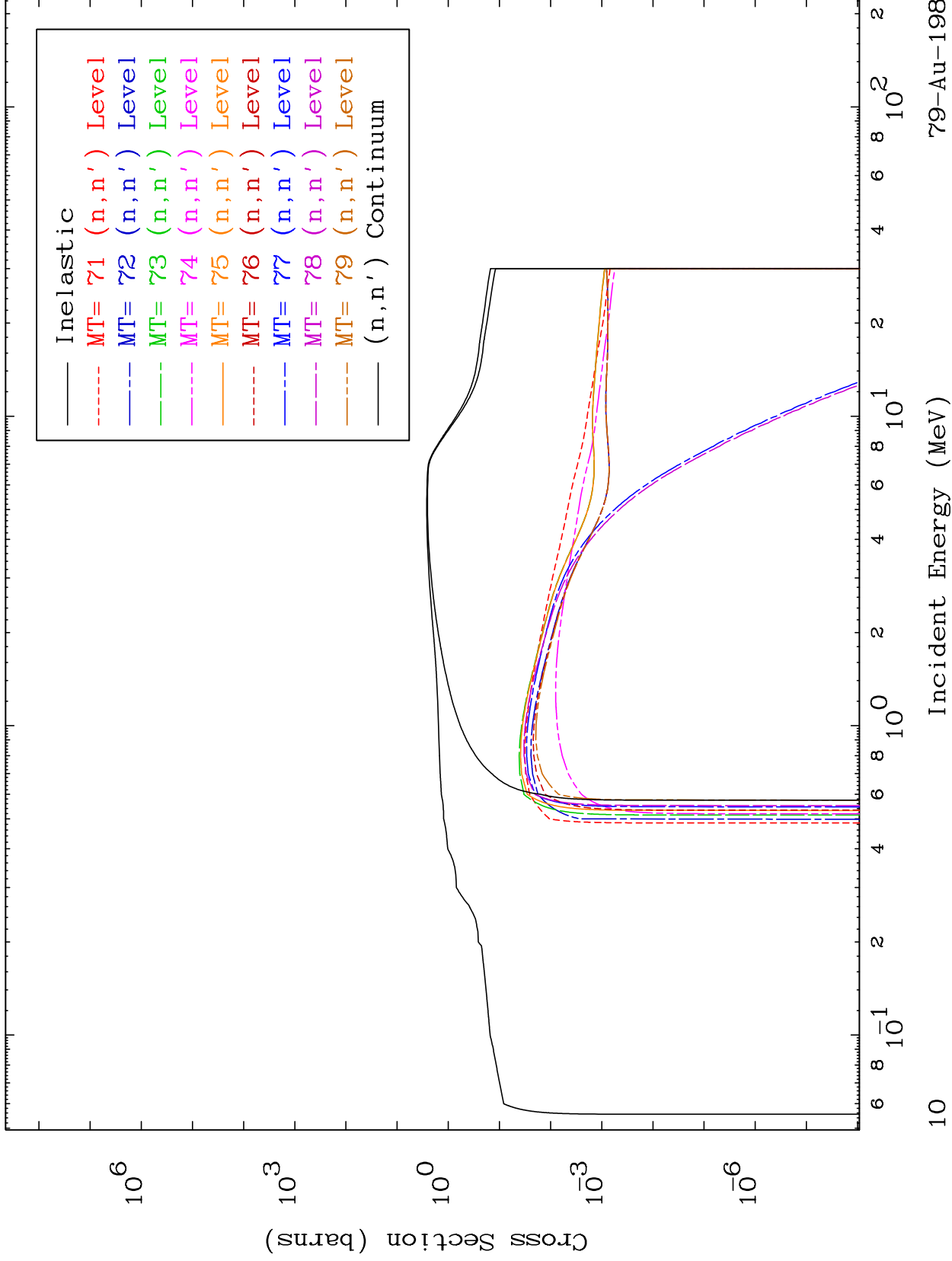


MAT 7928

(n,n') Levels

79-Au-198

293 Kelvin Cross Sections



79-Au-198

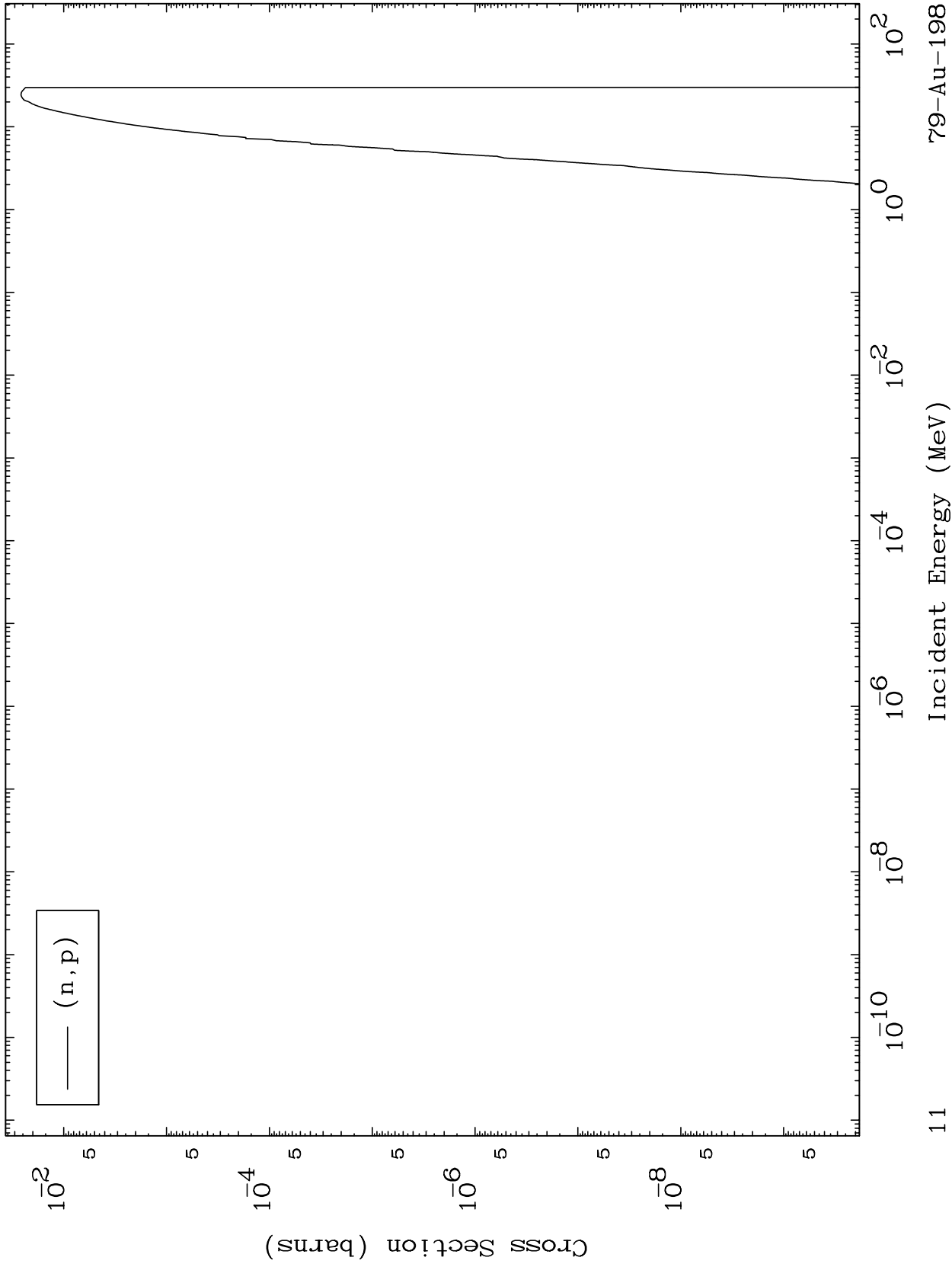
Incident Energy (MeV)

10

MAT 7928

(n,p) Levels
293 Kelvin Cross Sections

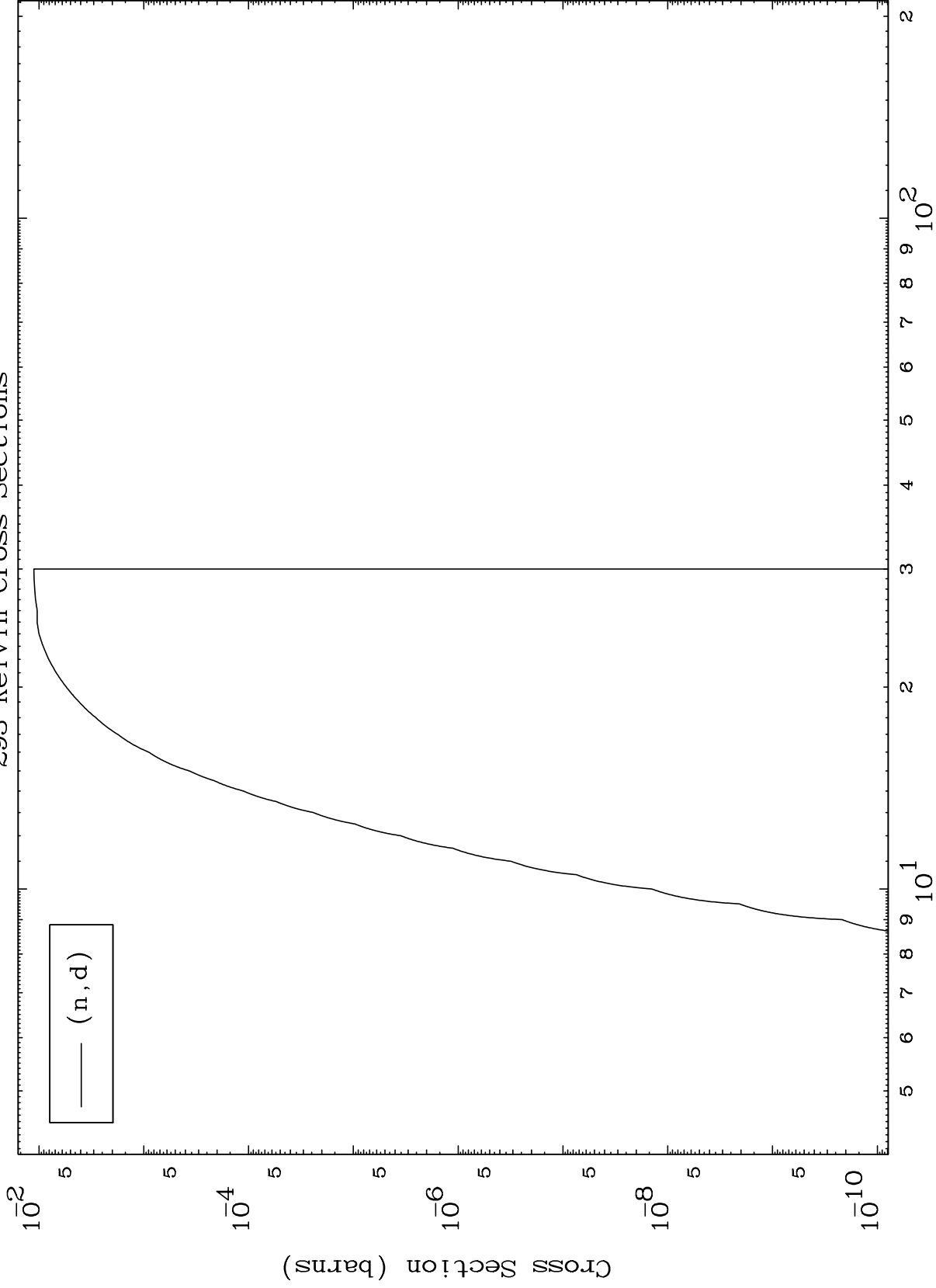
79-Au-198



MAT 7928

(n,d) Levels
293 Kelvin Cross Sections

79-Au-198



12

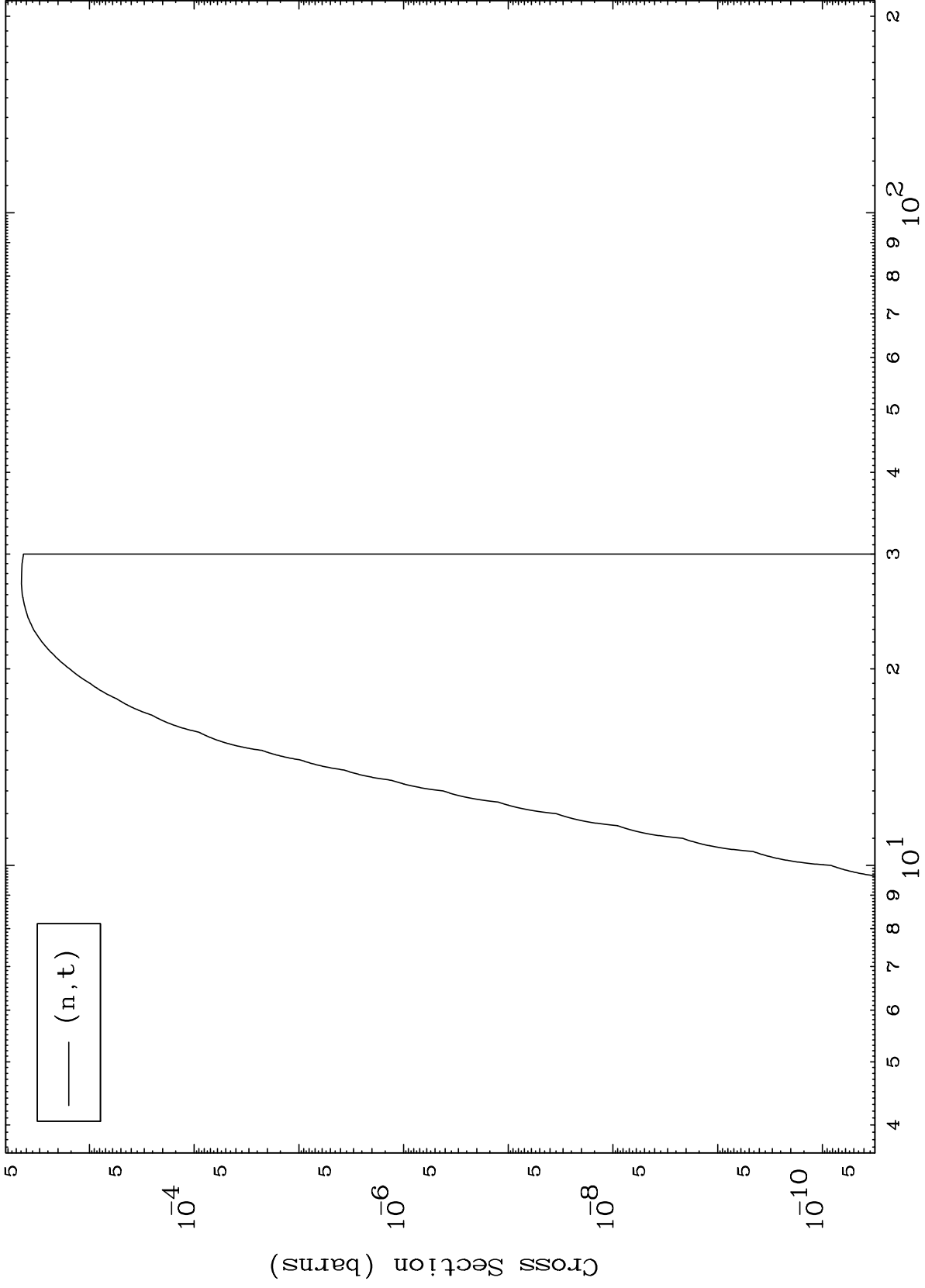
Incident Energy (MeV)

79-Au-198

MAT 7928

(n,t) Levels
293 Kelvin Cross Sections

79-Au-198



(n,t)

13

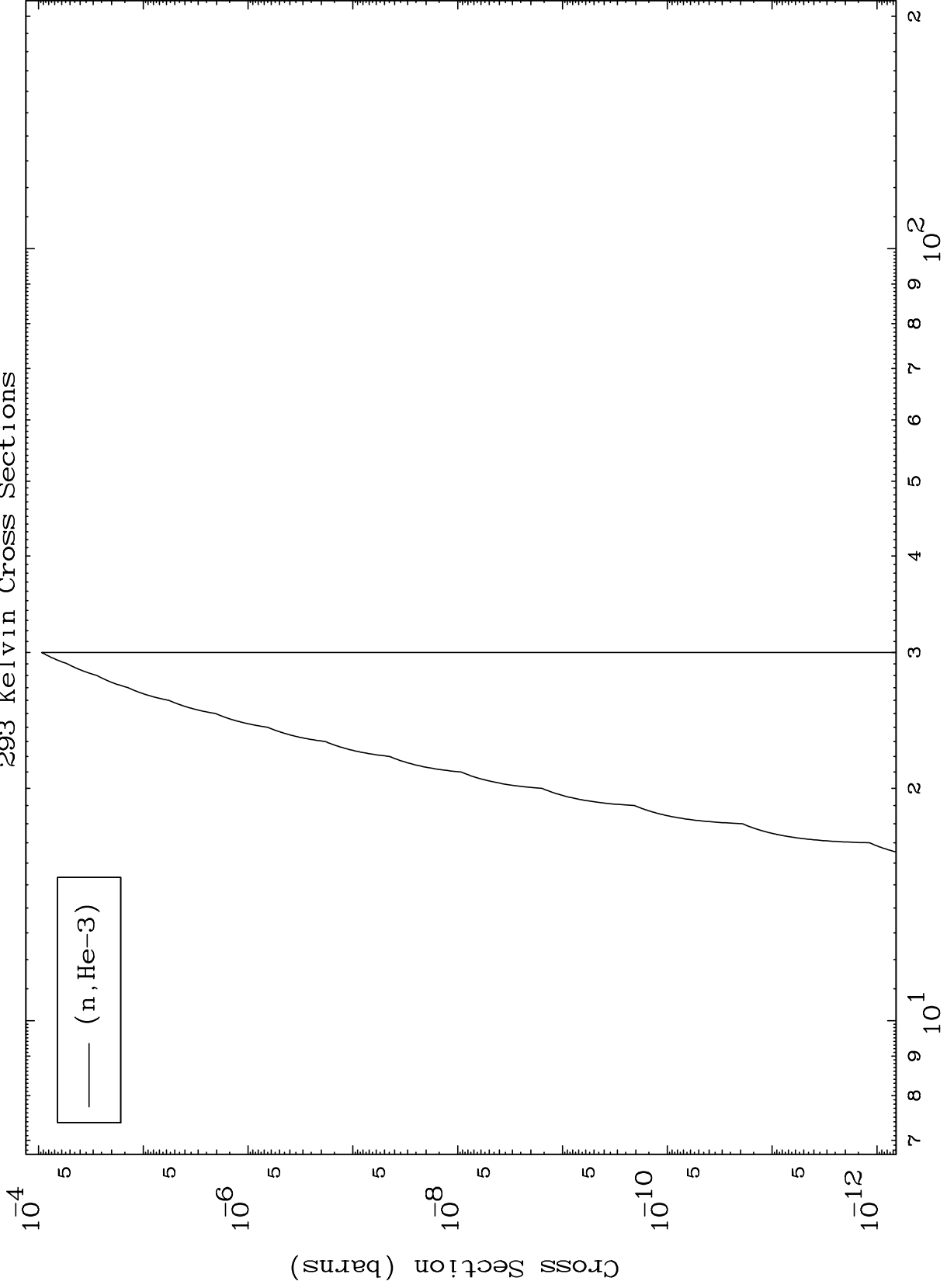
Incident Energy (MeV)

79-Au-198

MAT 7928

(n,He3) Levels
293 Kelvin Cross Sections

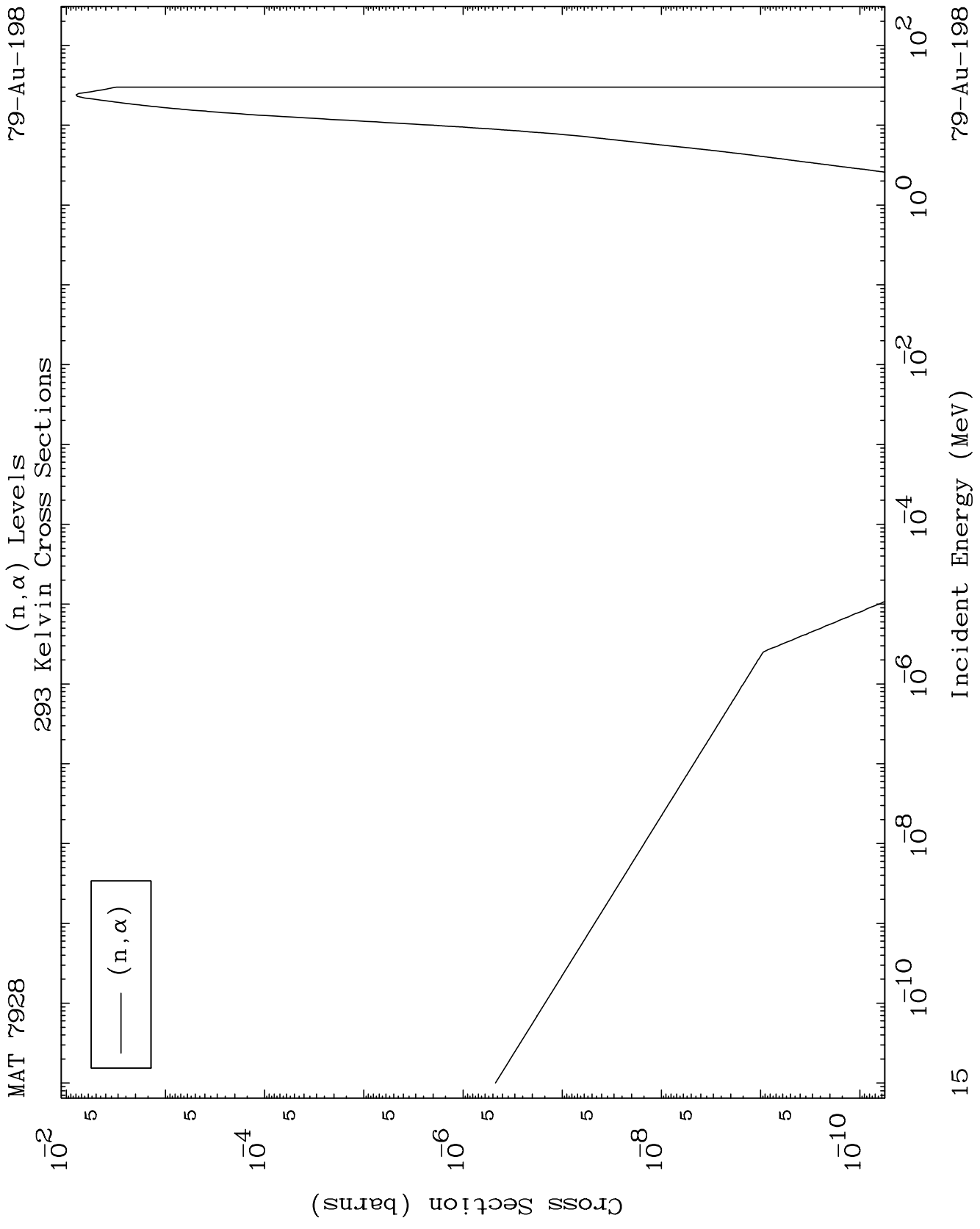
79-Au-198



14

Incident Energy (MeV)

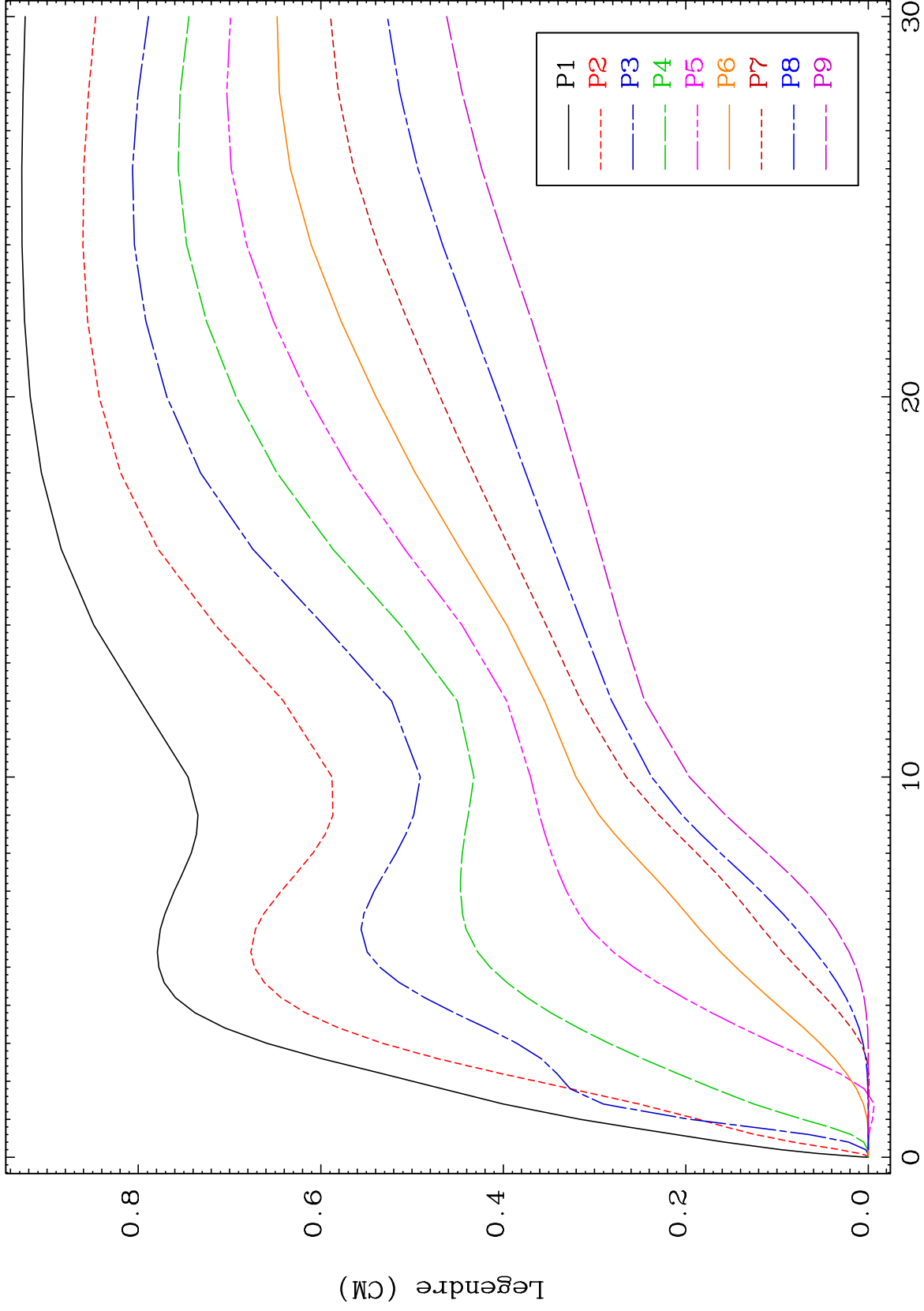
79-Au-198



MAT 7928

79-Au-198

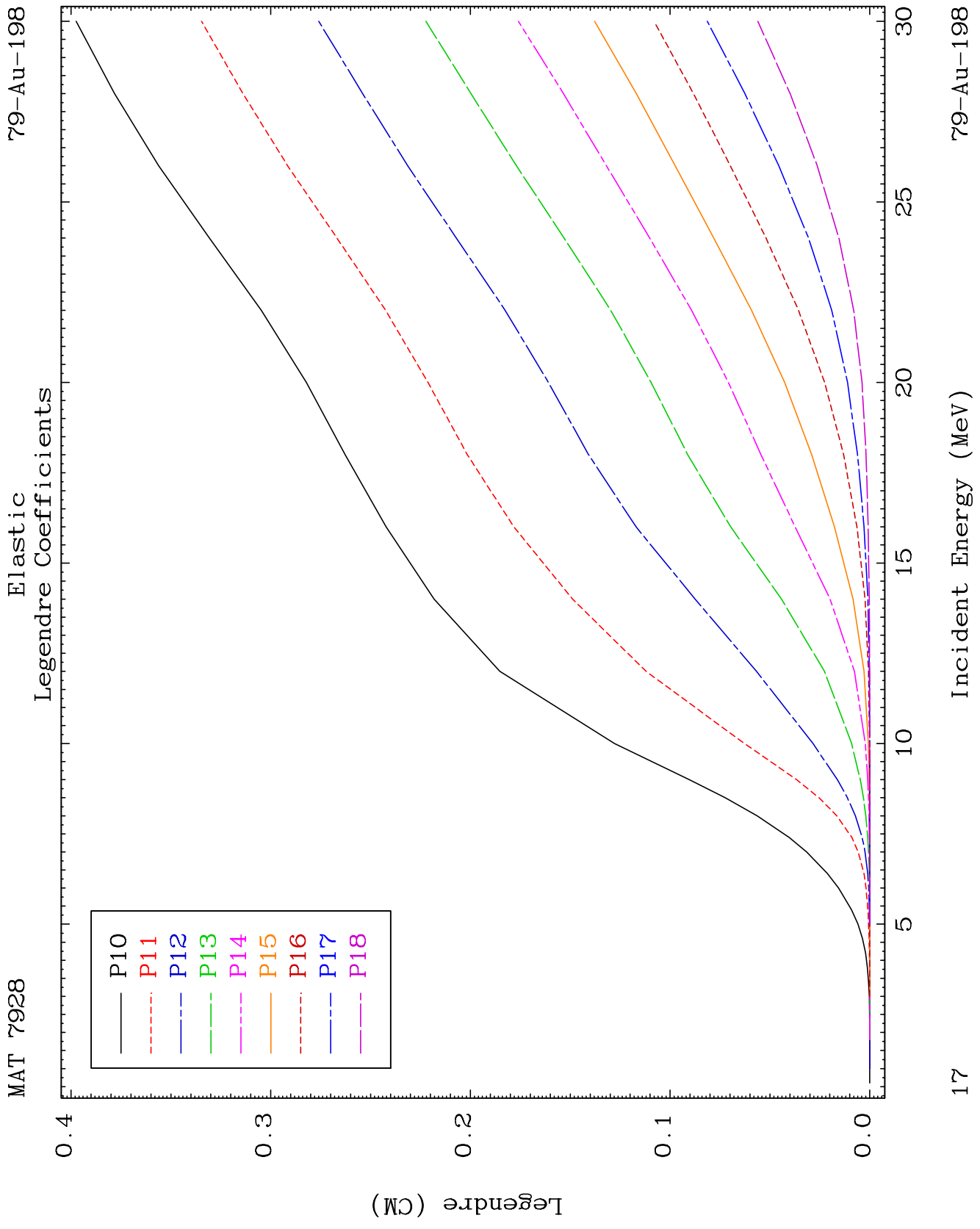
Elastic Legendre Coefficients



16

Incident Energy (MeV)

79-Au-198



MAT 7928

Elastic Legendre Coefficients

$^{79}\text{Au-198}$

17

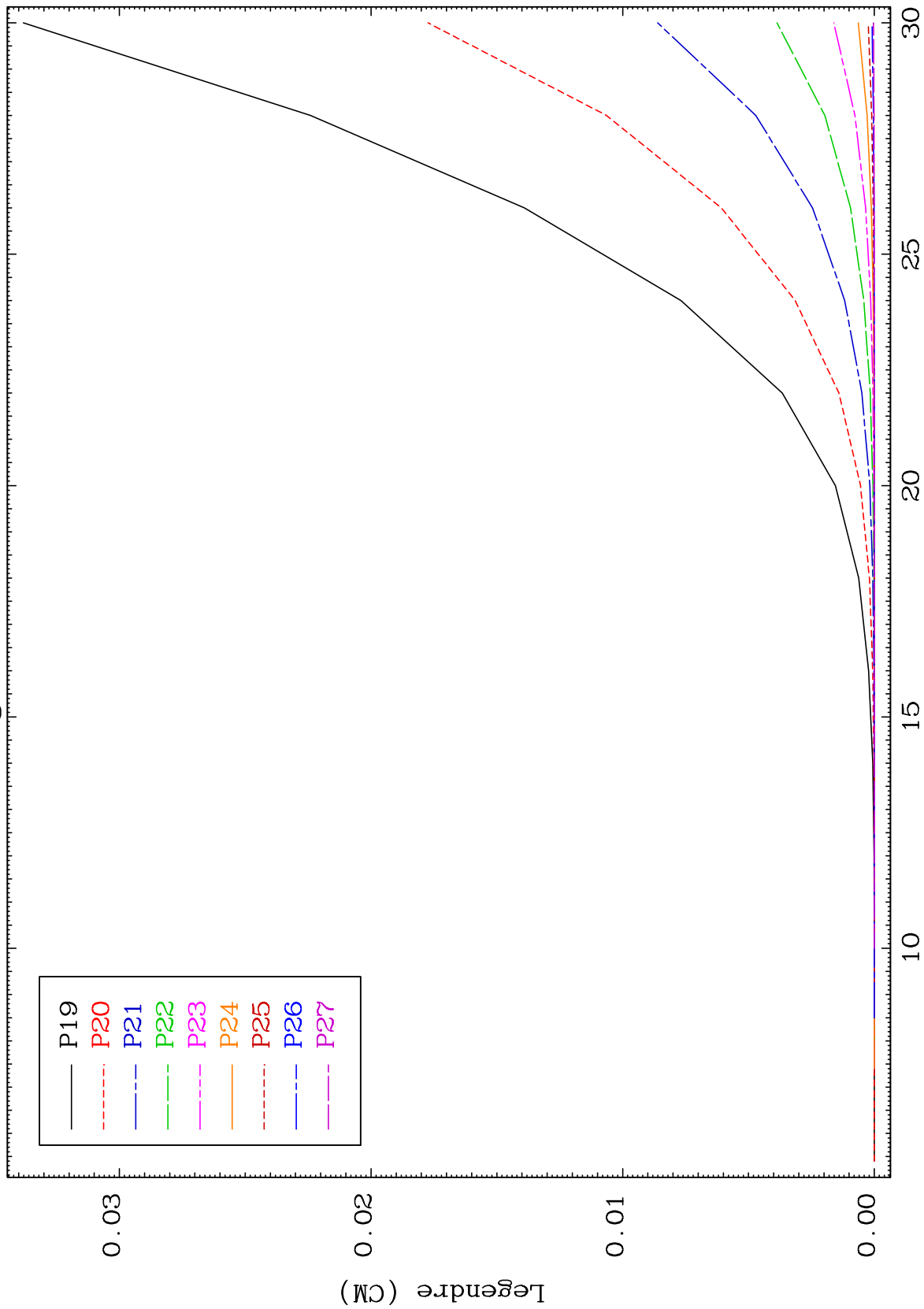
Incident Energy (MeV)

$^{79}\text{Au-198}$

MAT 7928

Elastic Legendre Coefficients

79-Au-198



18

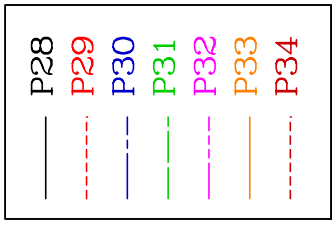
Incident Energy (MeV)

79-Au-198

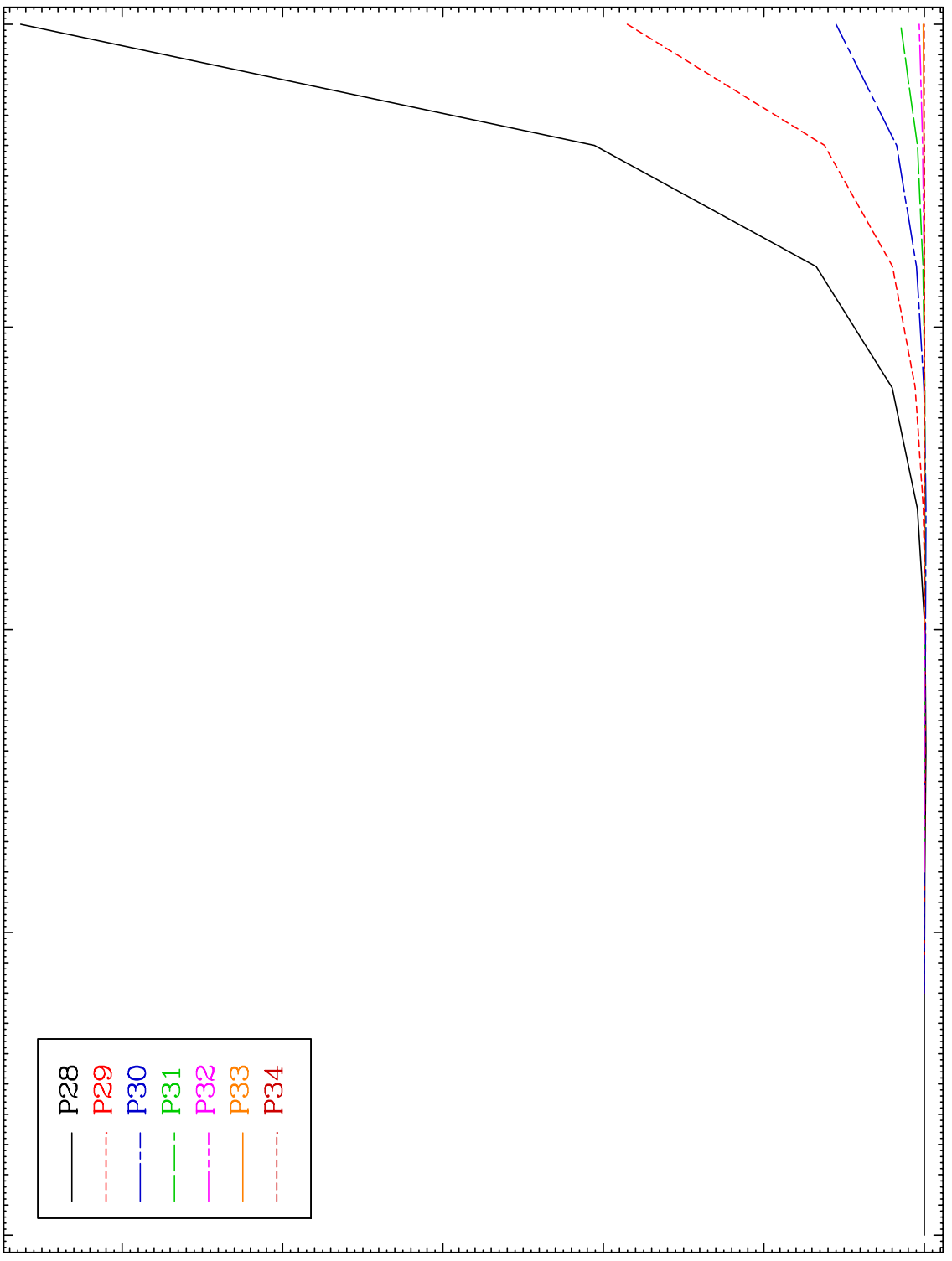
MAT 7928

Elastic Legendre Coefficients

79-Au-198



$\times 10^{-5}$
1.0
0.8
0.6
0.4
0.2
0.0



30

25

20

15

10

Incident Energy (MeV)

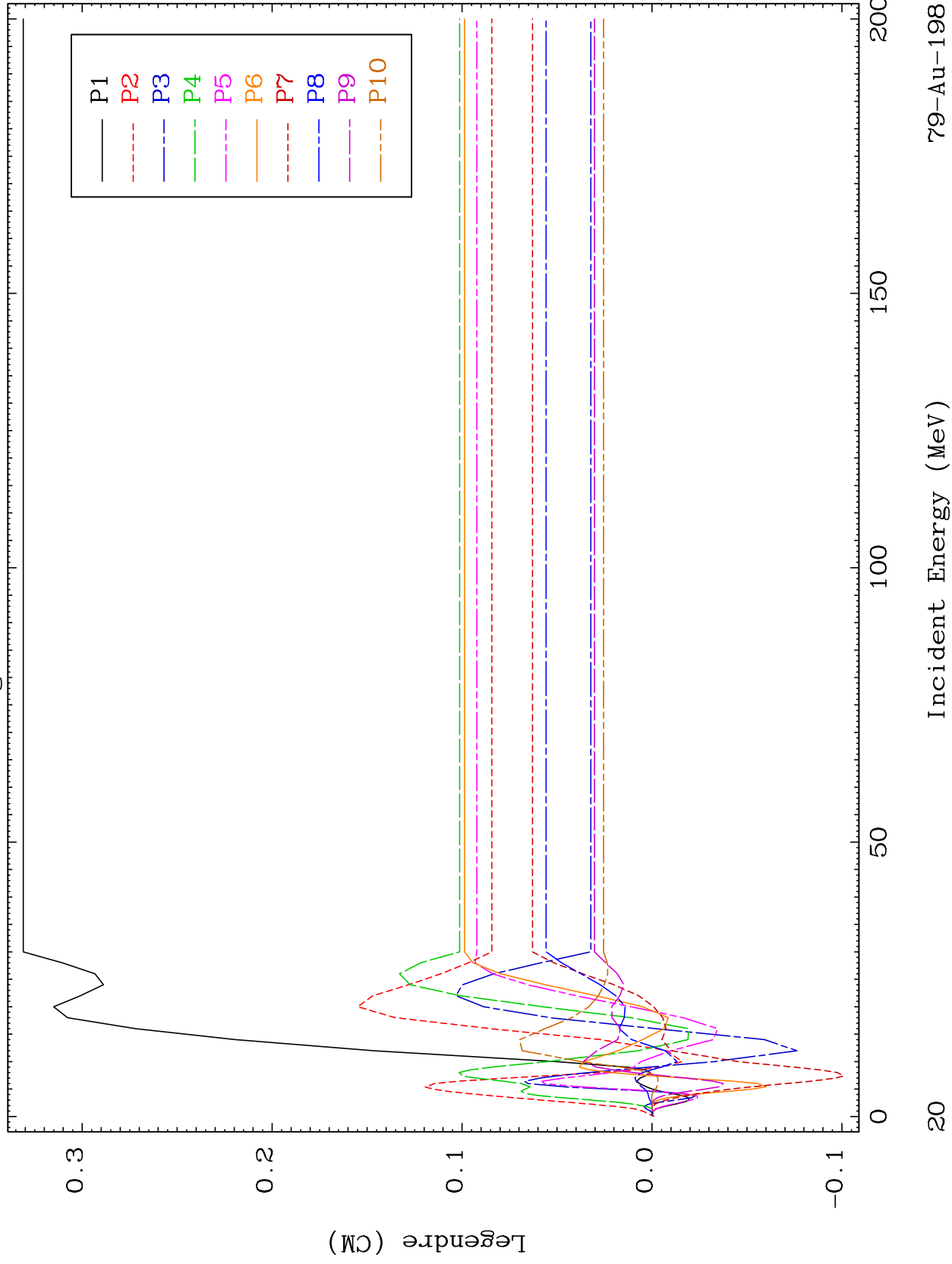
79-Au-198

19

MAT 7928

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

79-Au-198

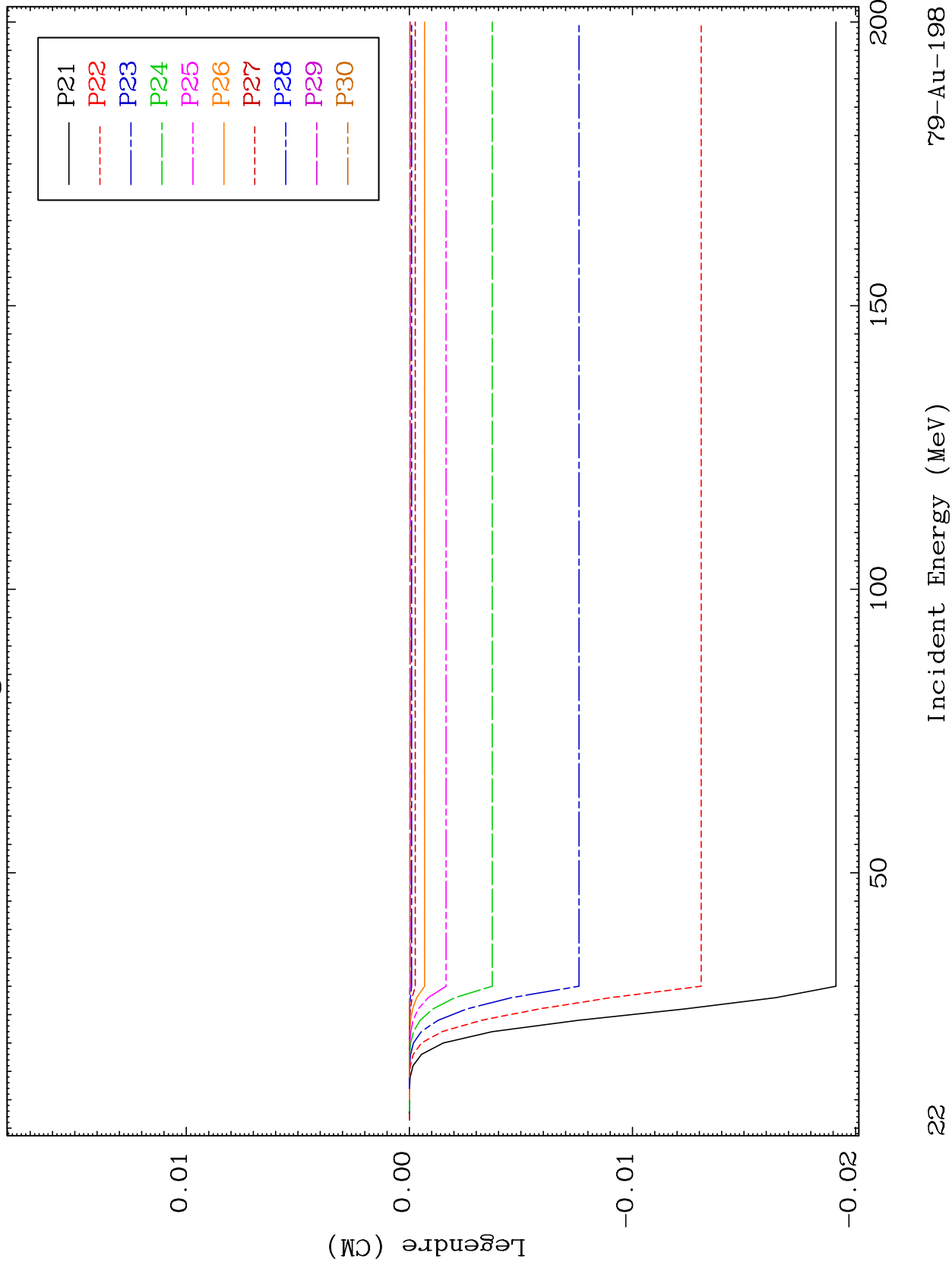


79-Au-198

MAT 7928

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

79-Au-198



22

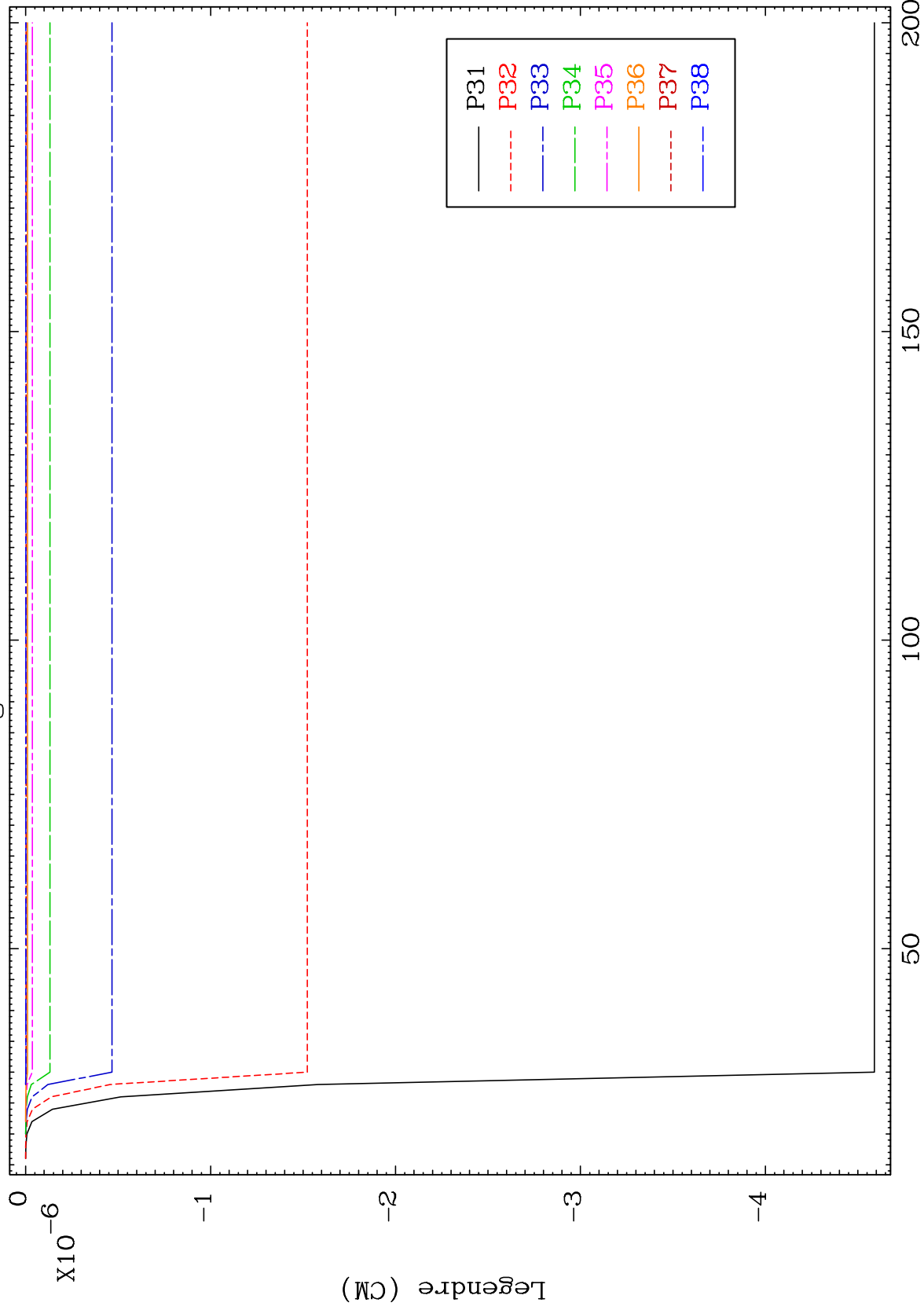
Incident Energy (MeV)

79-Au-198

MAT 7928

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

79-Au-198



23

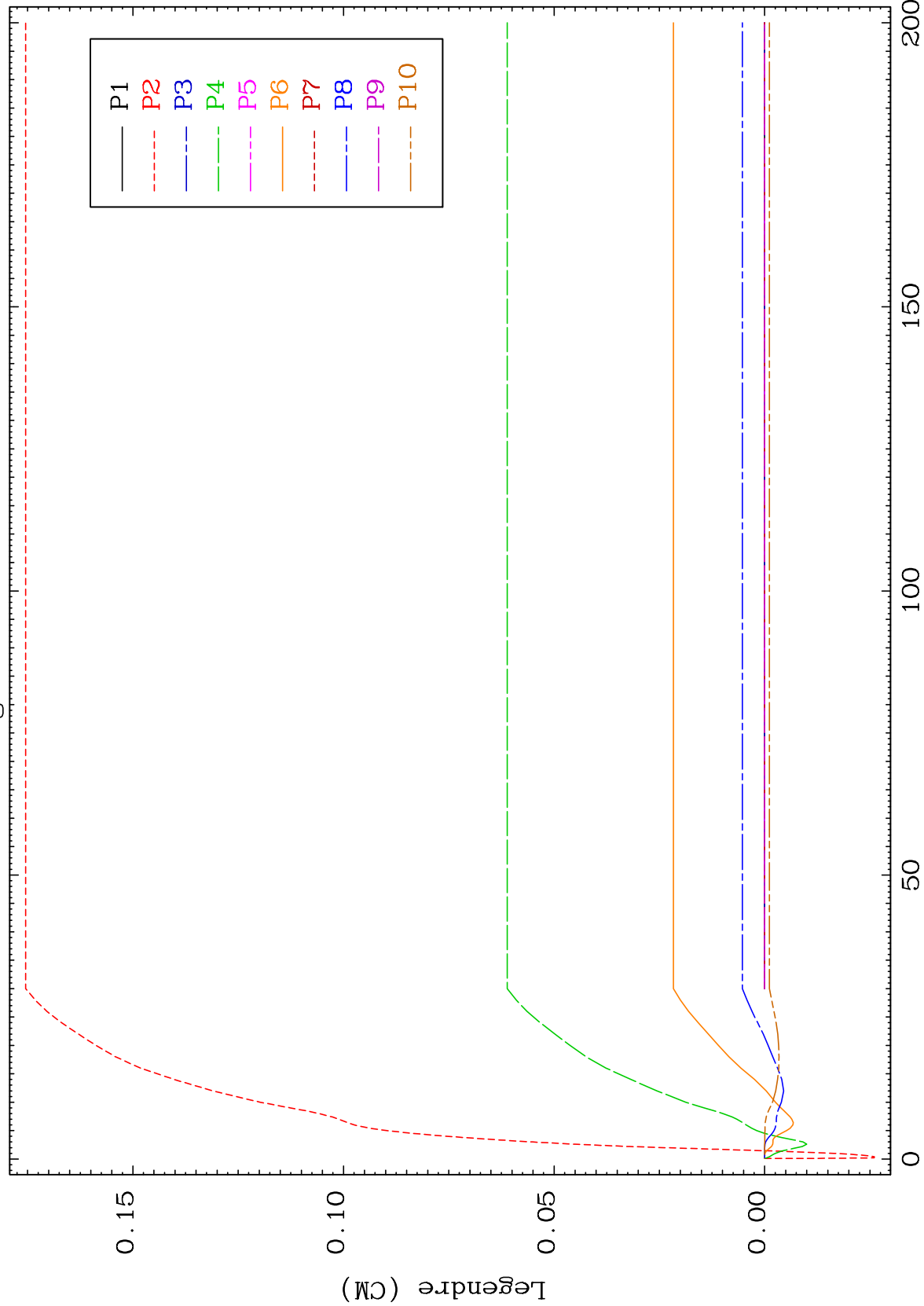
Incident Energy (MeV)

79-Au-198

MAT 7928

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

79-Au-198



24

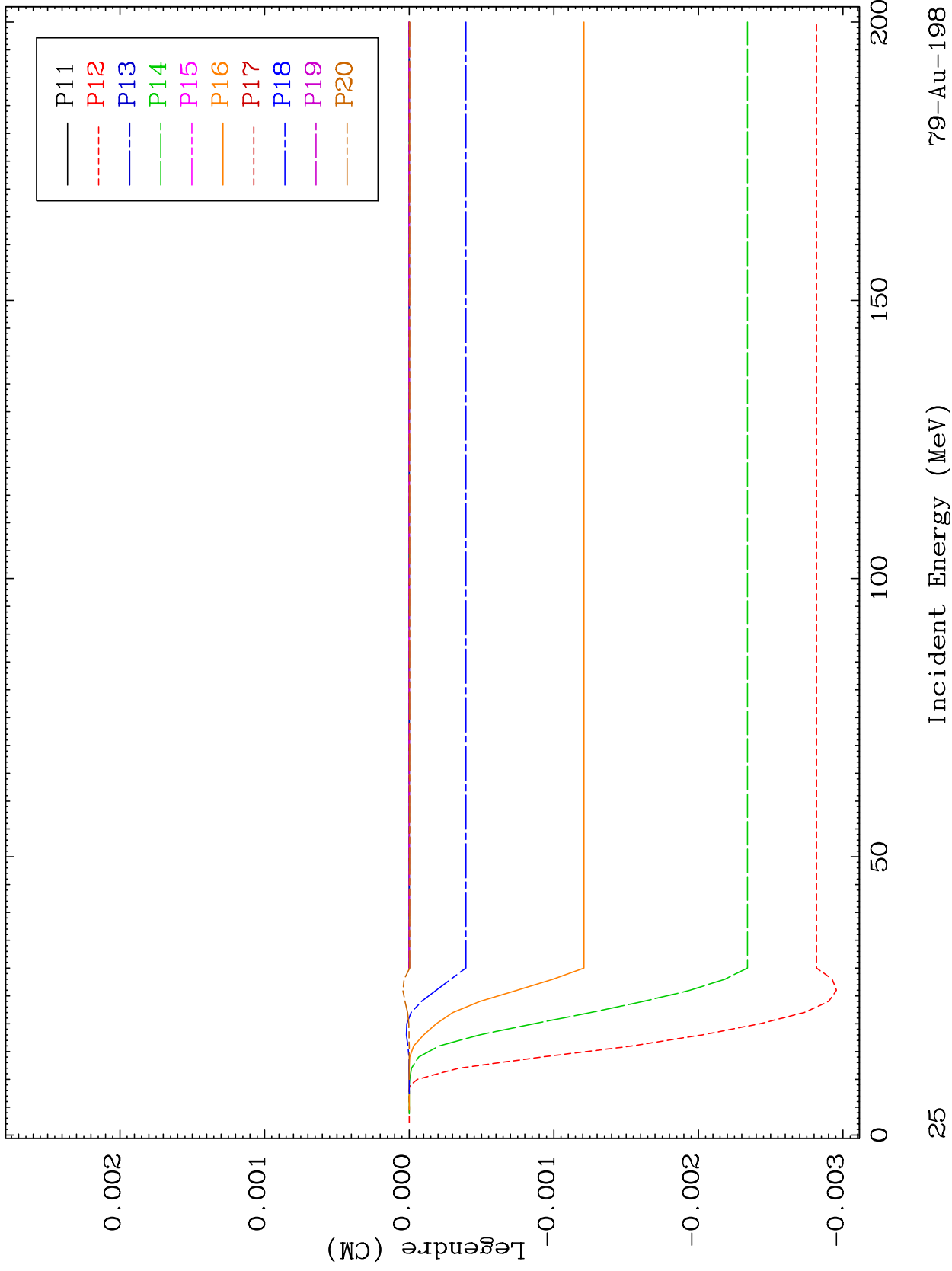
Incident Energy (MeV)

79-Au-198

MAT 7928

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

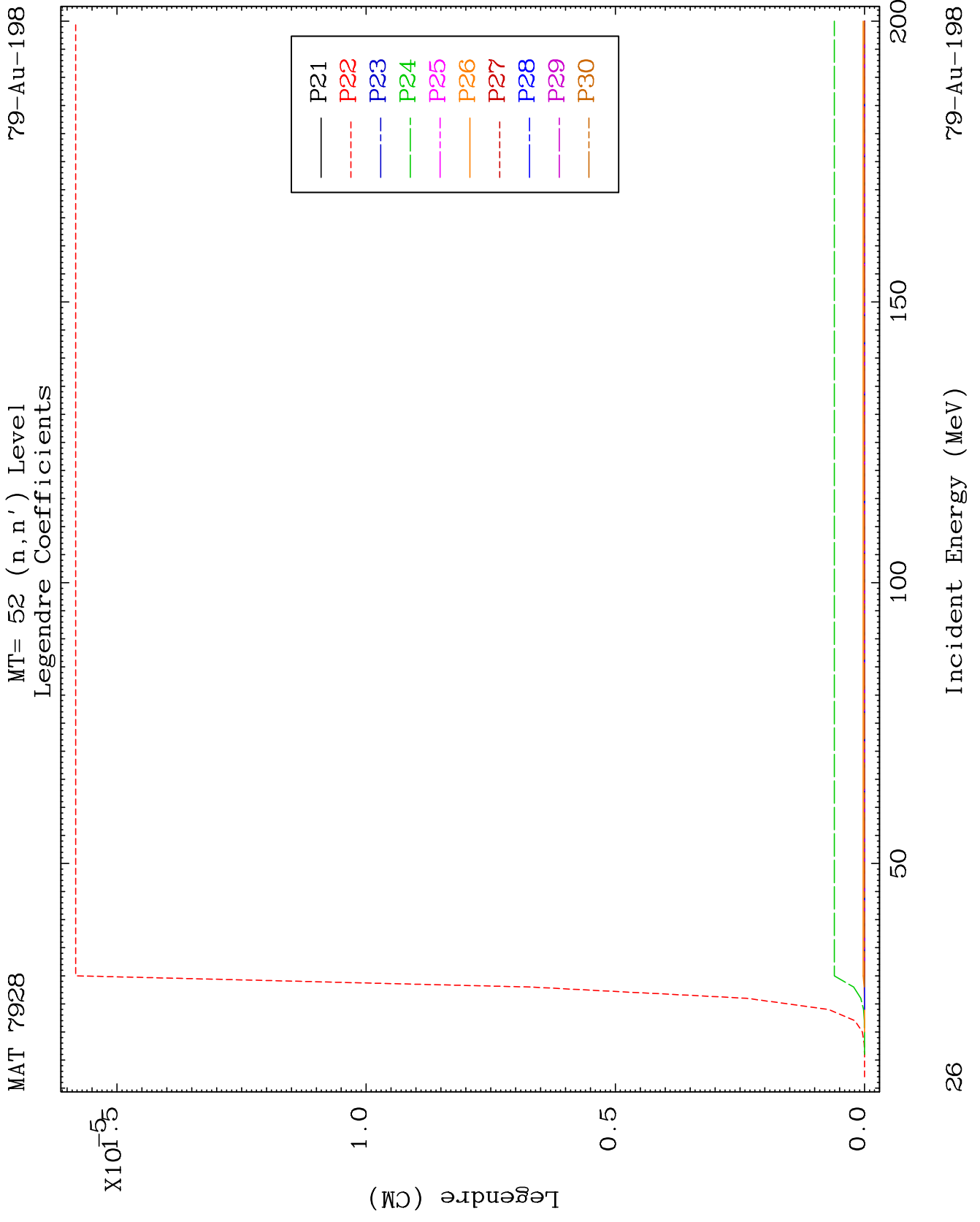
79-Au-198



79-Au-198

Incident Energy (MeV)

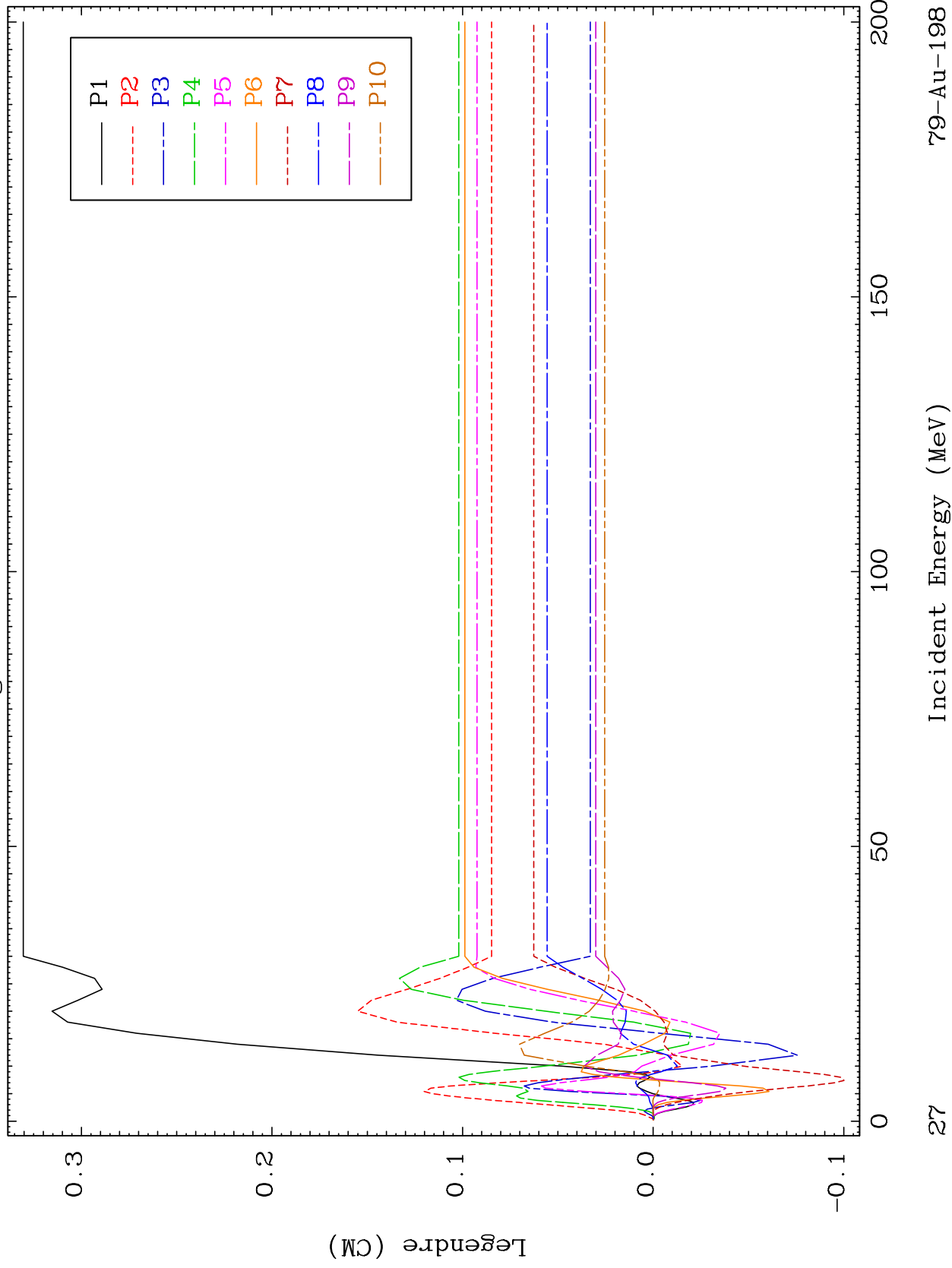
25



MAT 7928

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

79-Au-198



79-Au-198

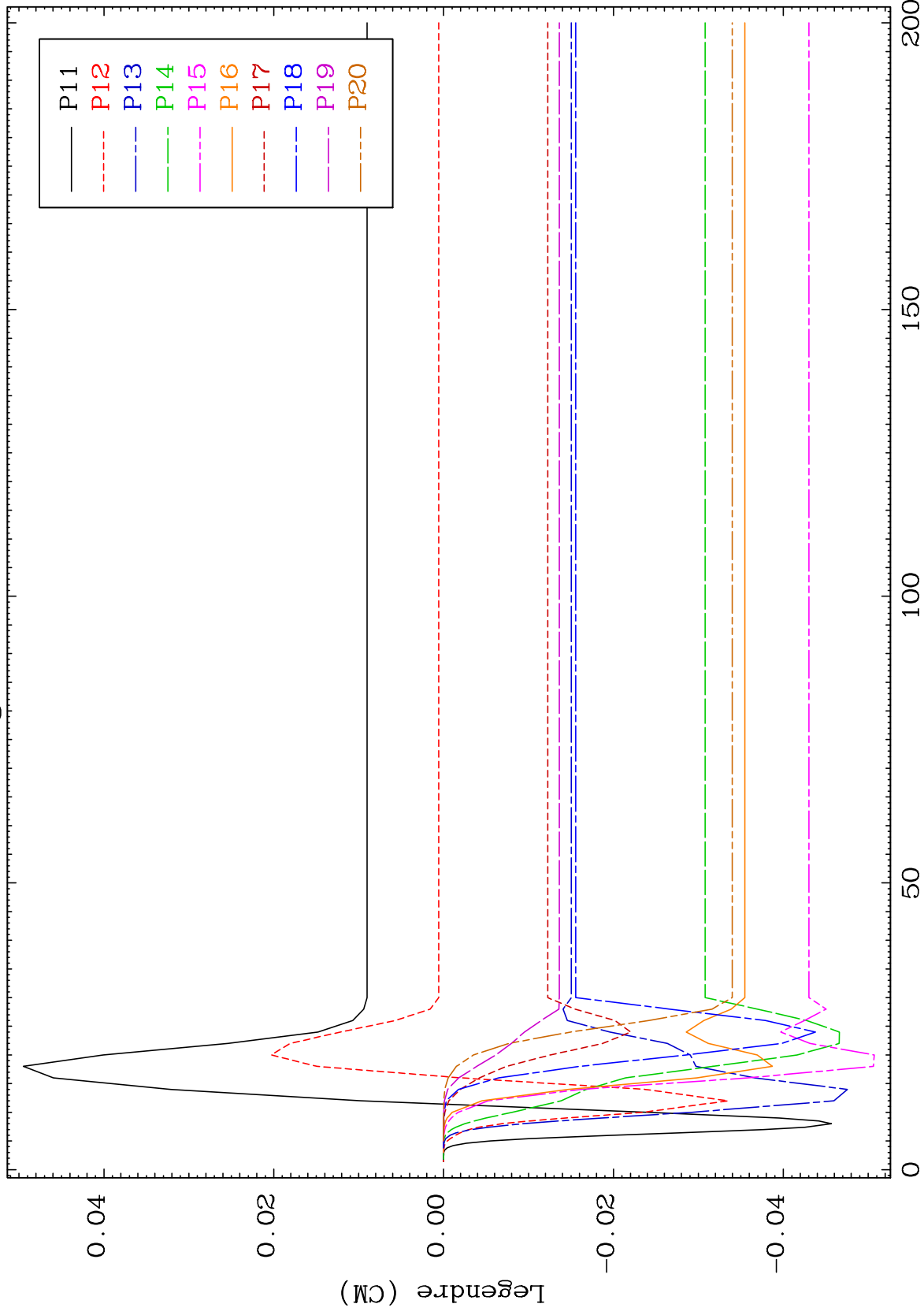
Incident Energy (MeV)

27

MAT 7928

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

79-Au-198



28

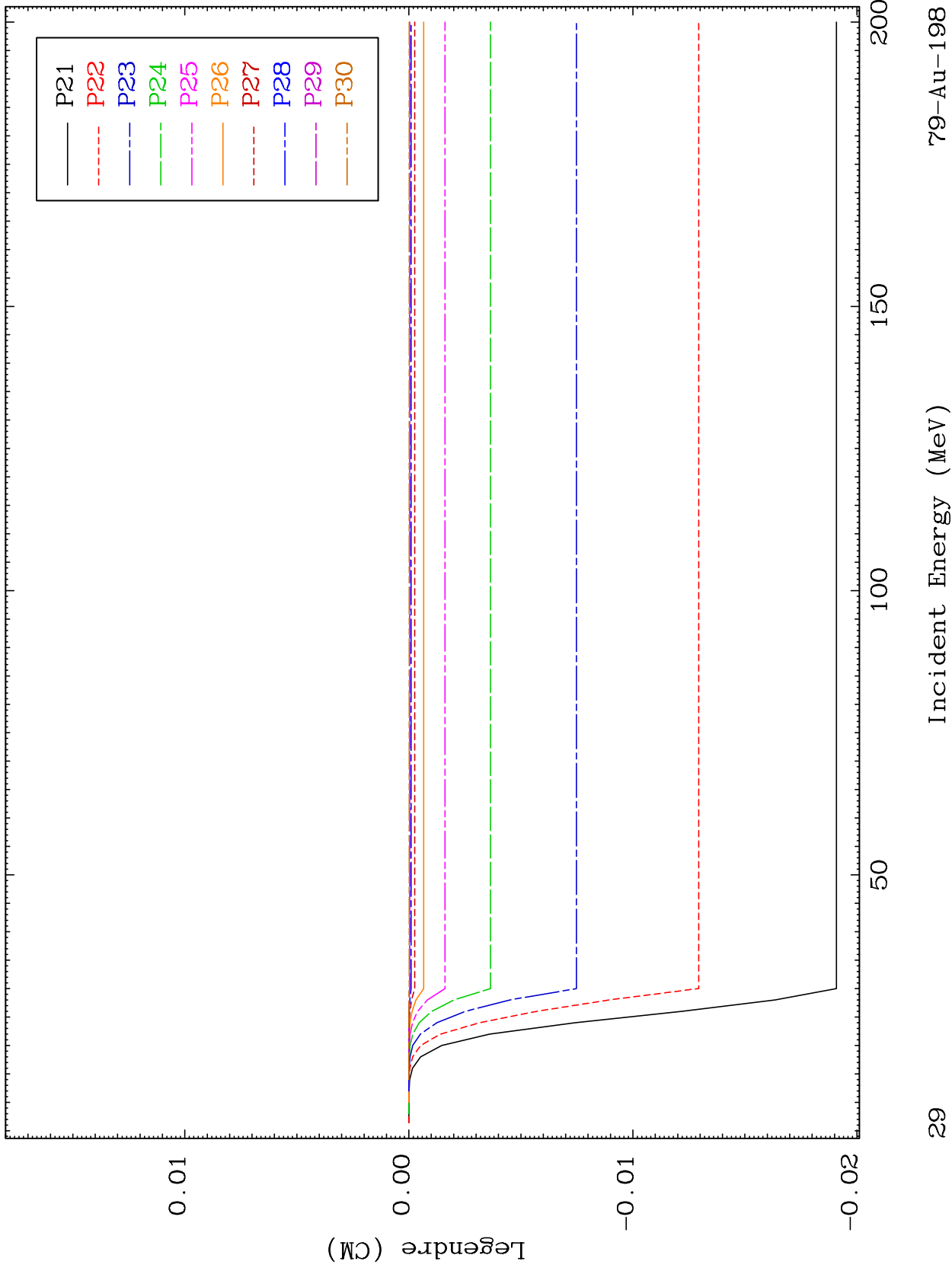
Incident Energy (MeV)

79-Au-198

MAT 7928

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

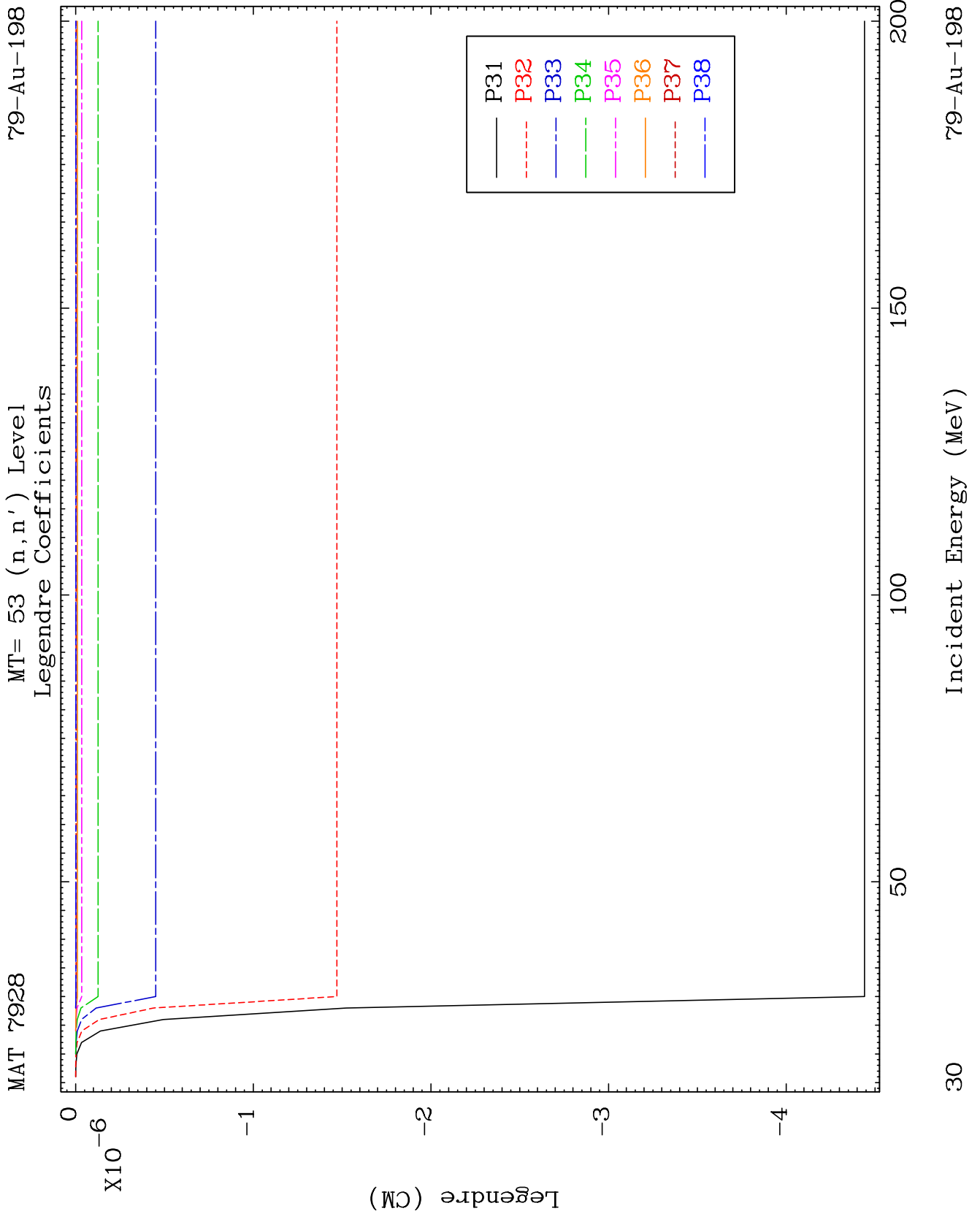
79-Au-198



29

Incident Energy (MeV)

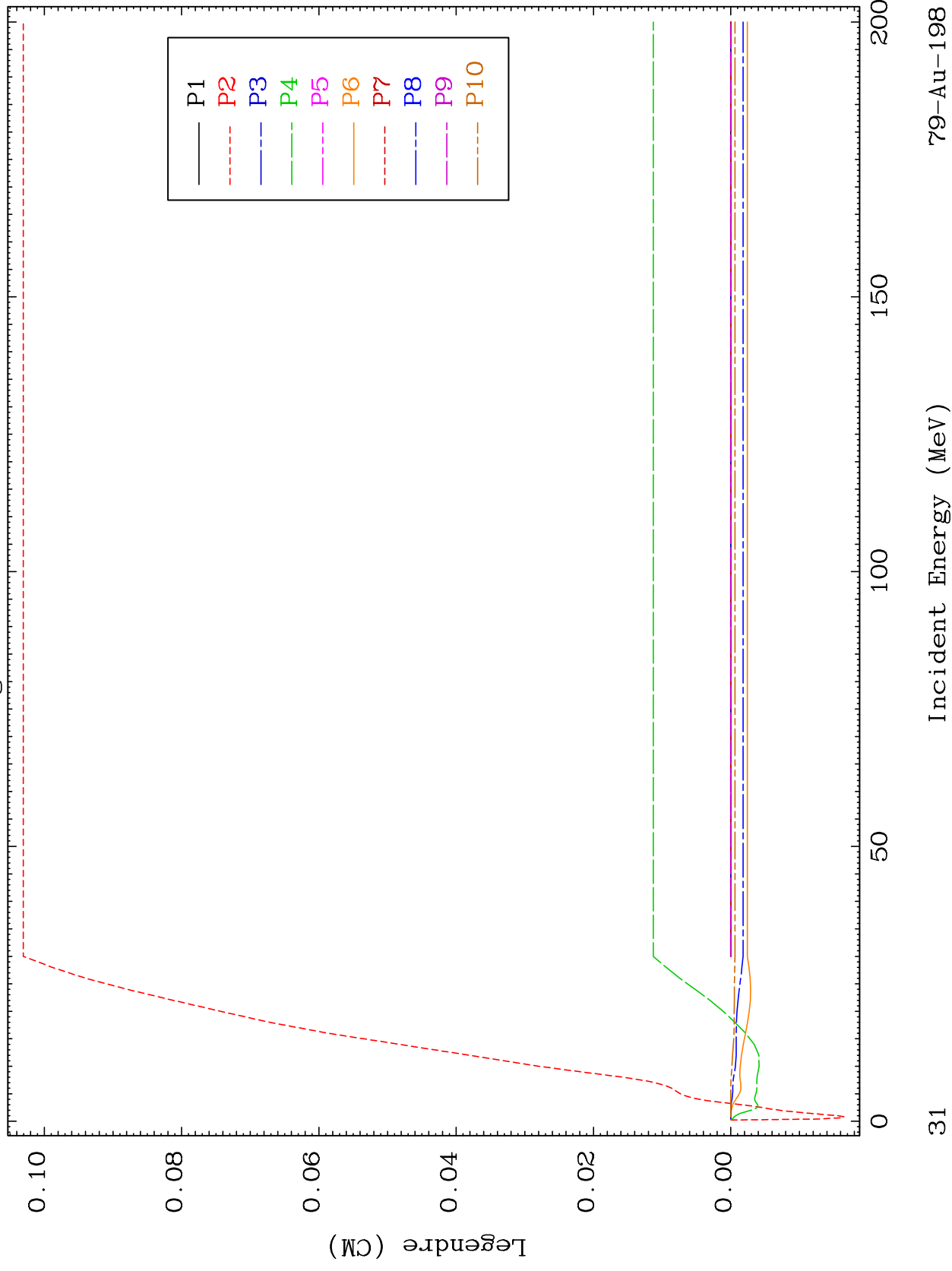
79-Au-198



MAT 7928

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

79-Au-198

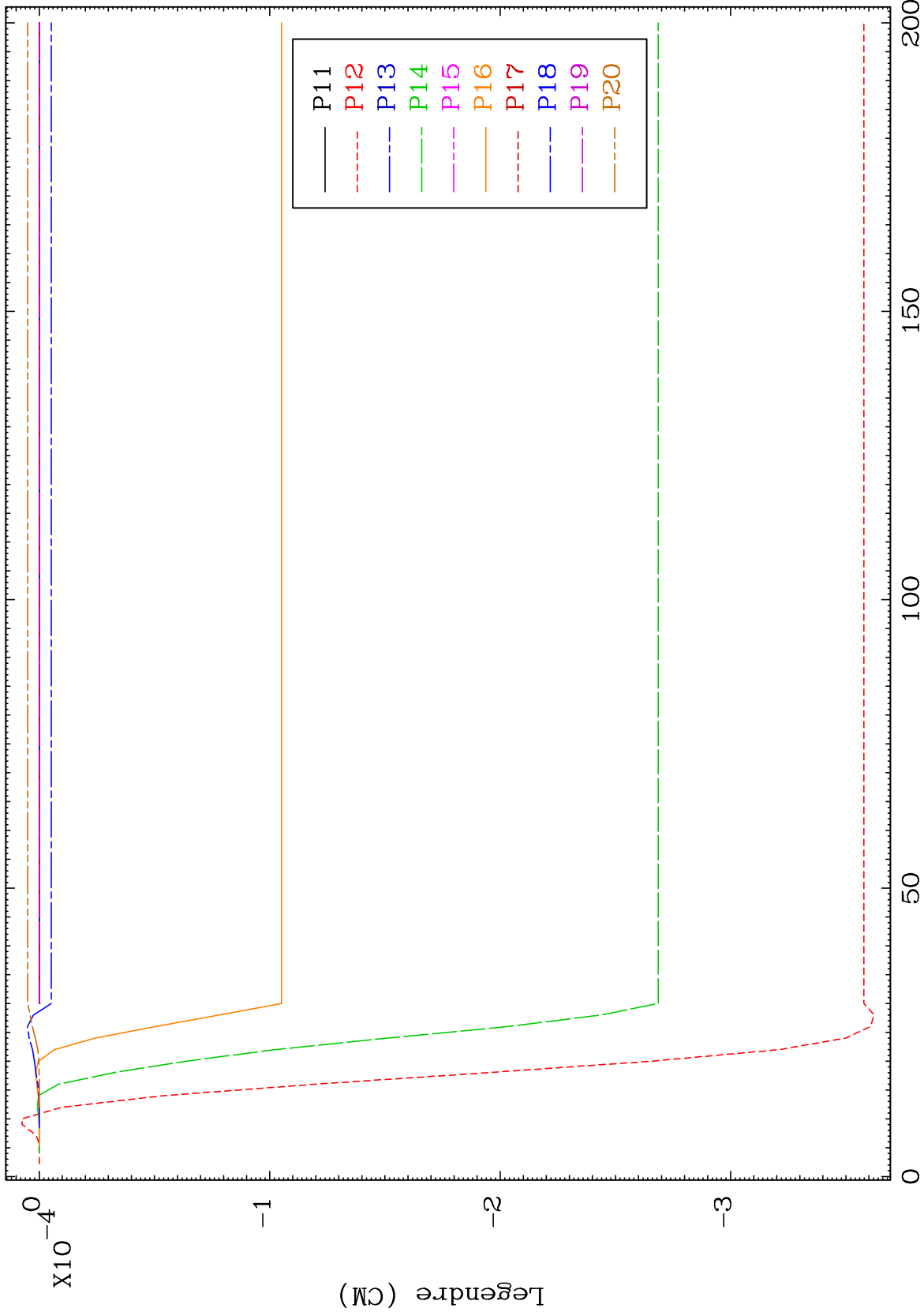


31

MAT 7928

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

79-Au-198



32

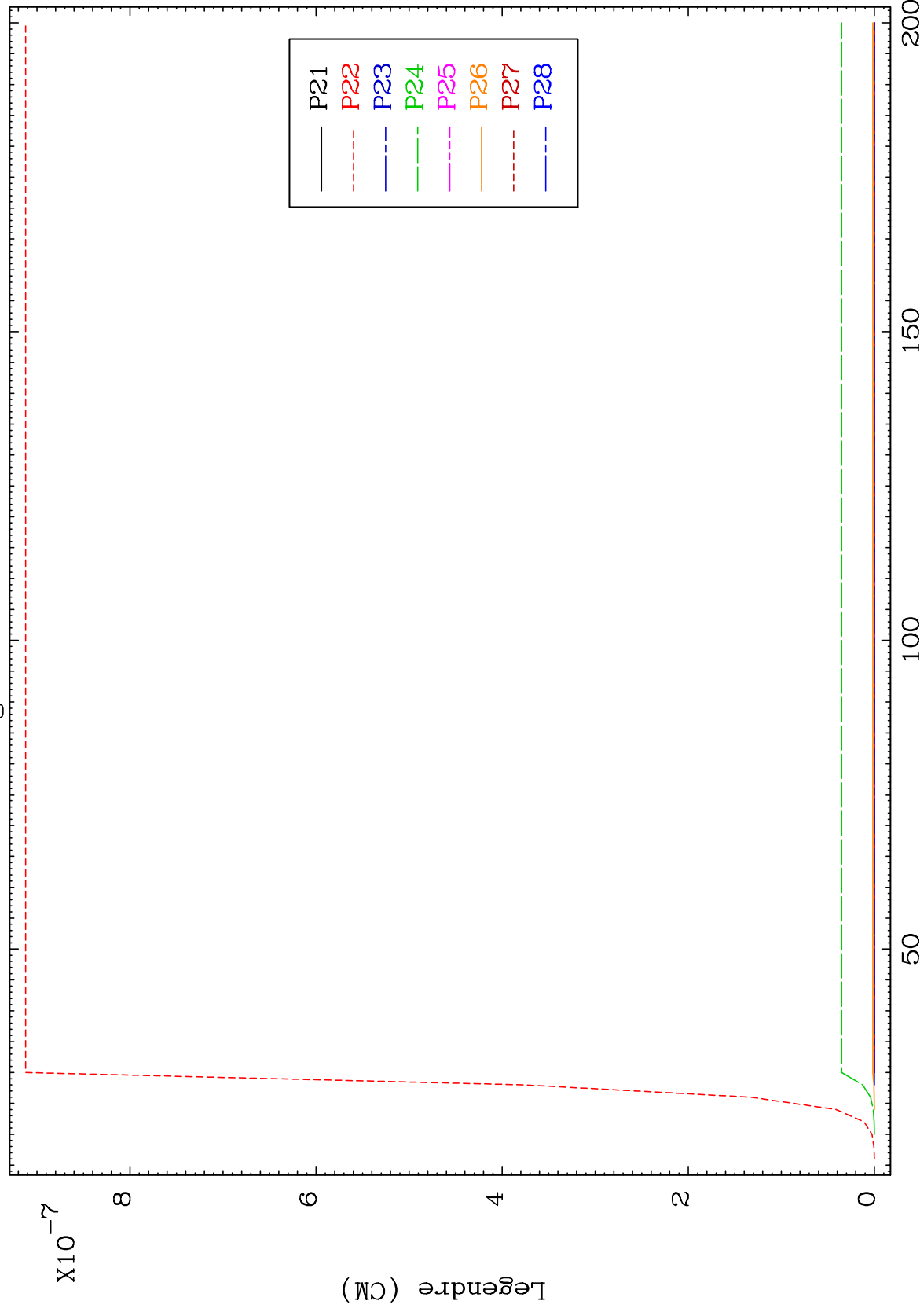
Incident Energy (MeV)

79-Au-198

MAT 7928

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

79-Au-198



33

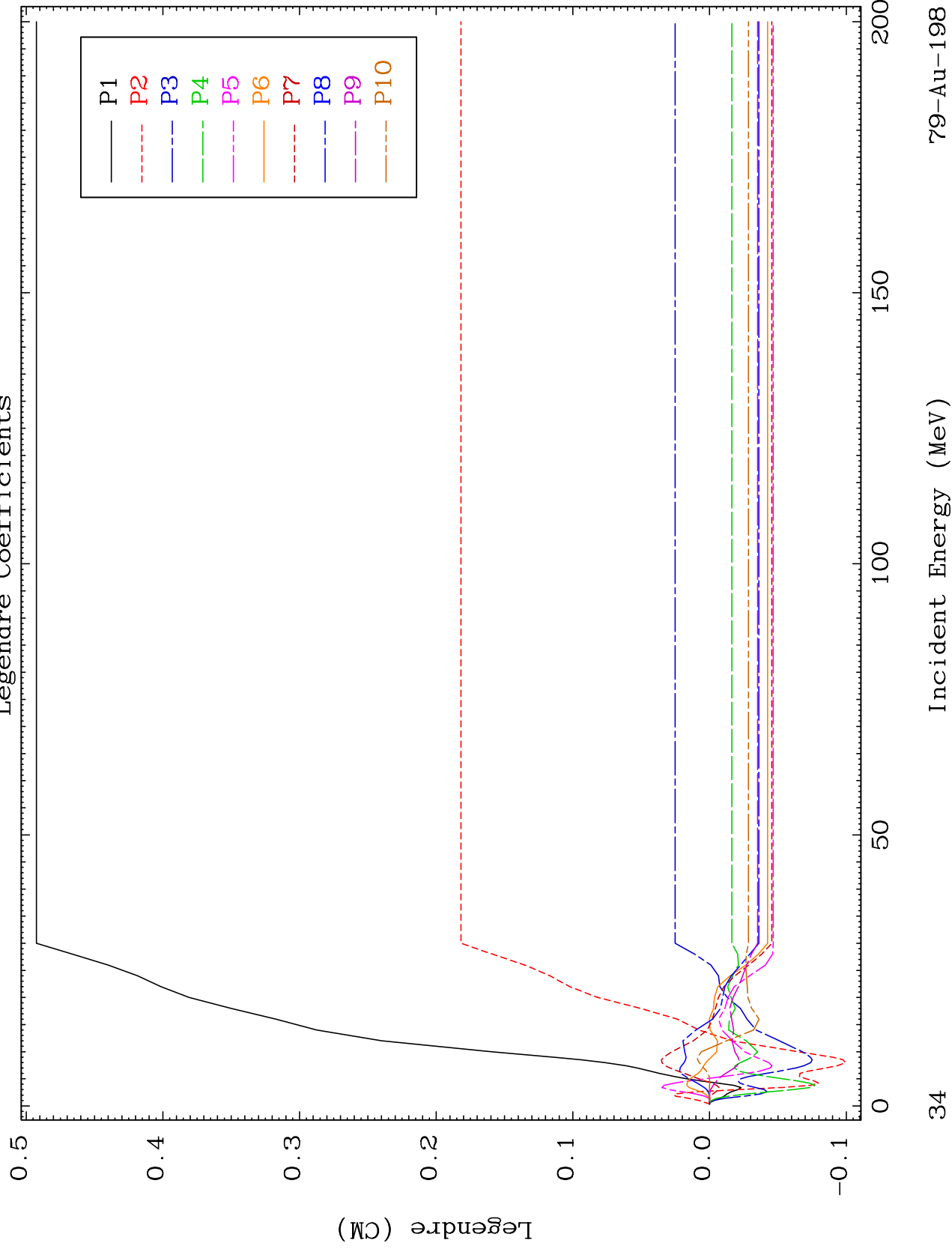
Incident Energy (MeV)

79-Au-198

MAT 7928

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

79-Au-198



79-Au-198

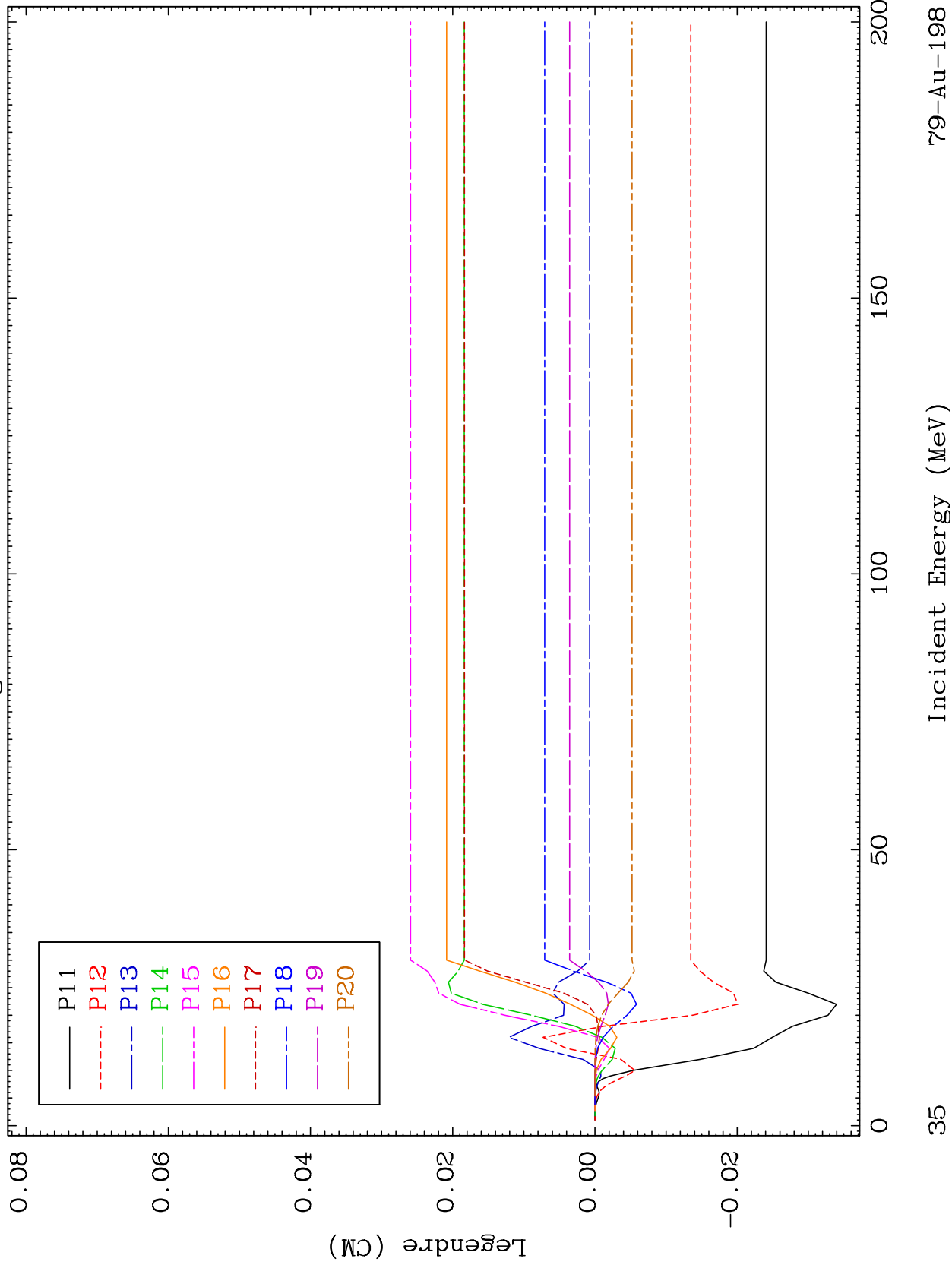
Incident Energy (MeV)

34

MAT 7928

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

79-Au-198



79-Au-198

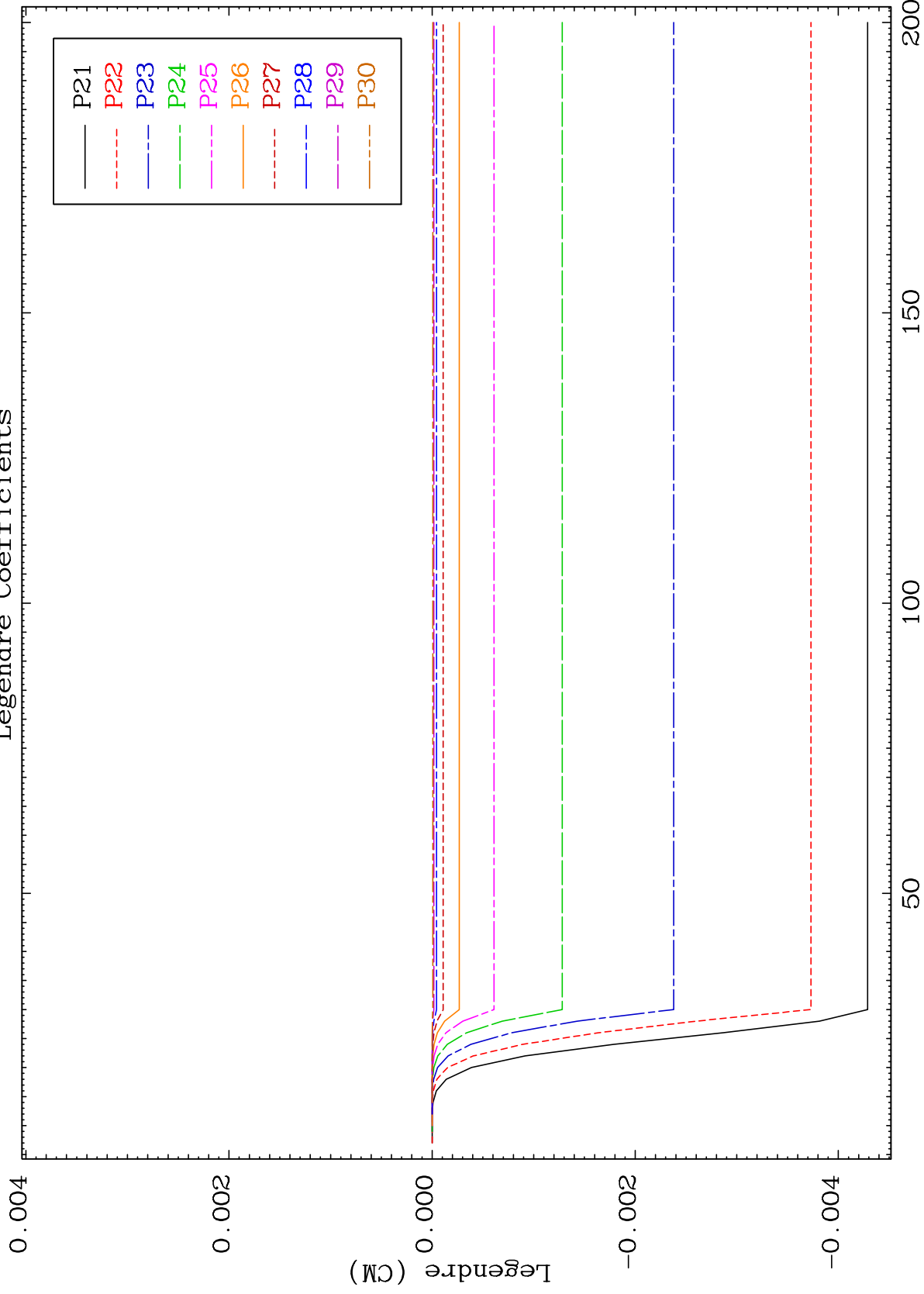
Incident Energy (MeV)

35

MAT 7928

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

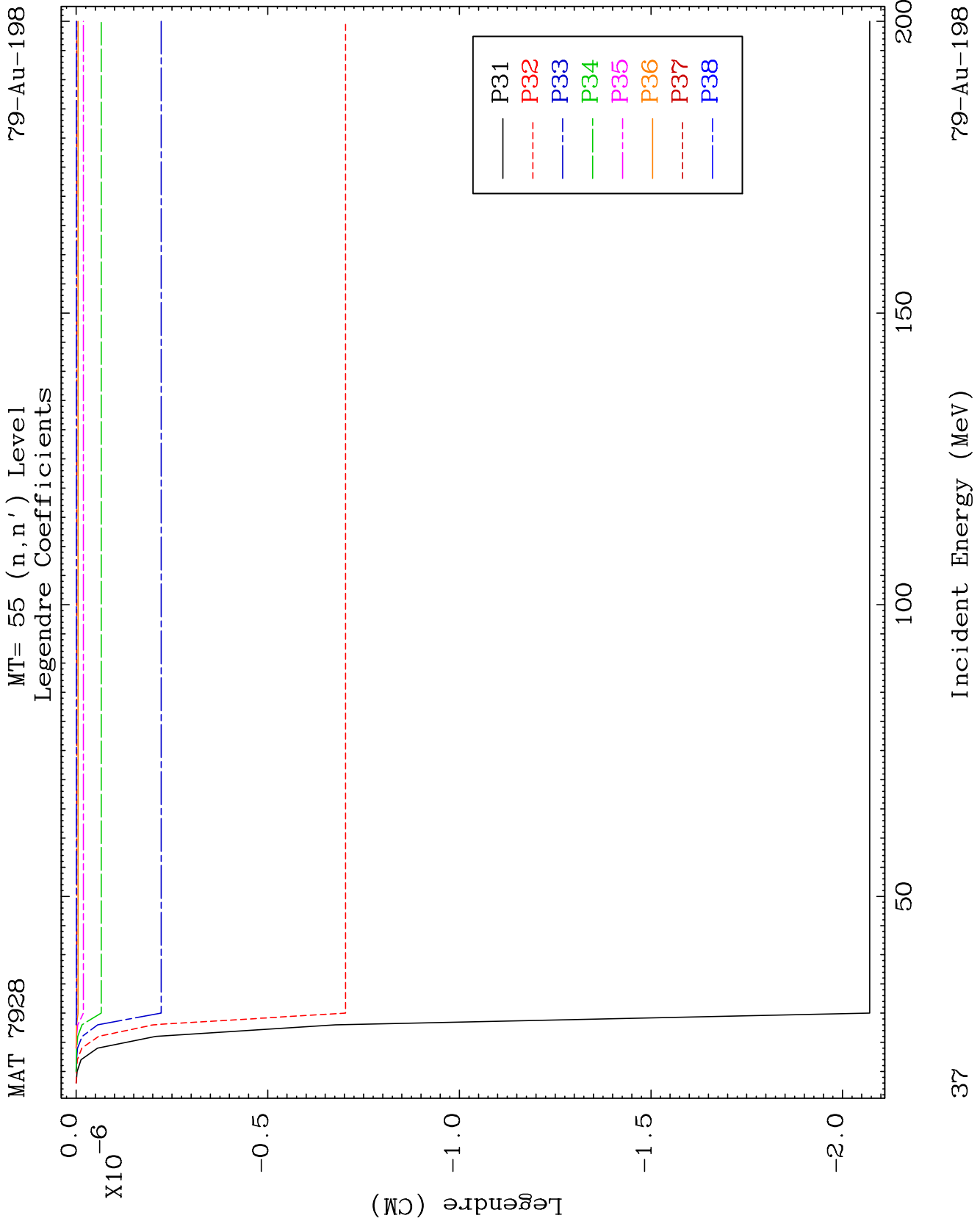
79-Au-198



36

Incident Energy (MeV)

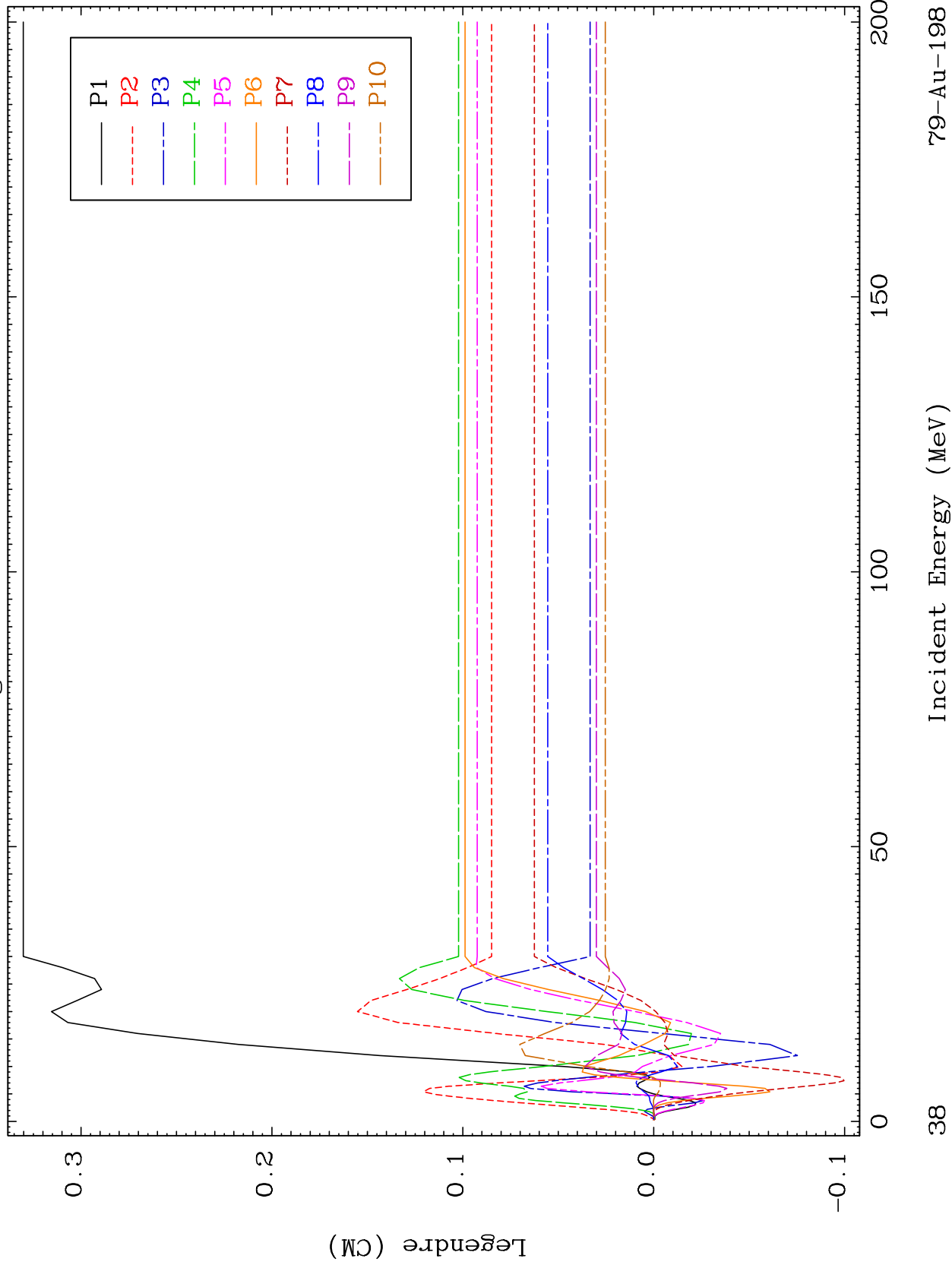
79-Au-198



MAT 7928

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

79-Au-198



79-Au-198

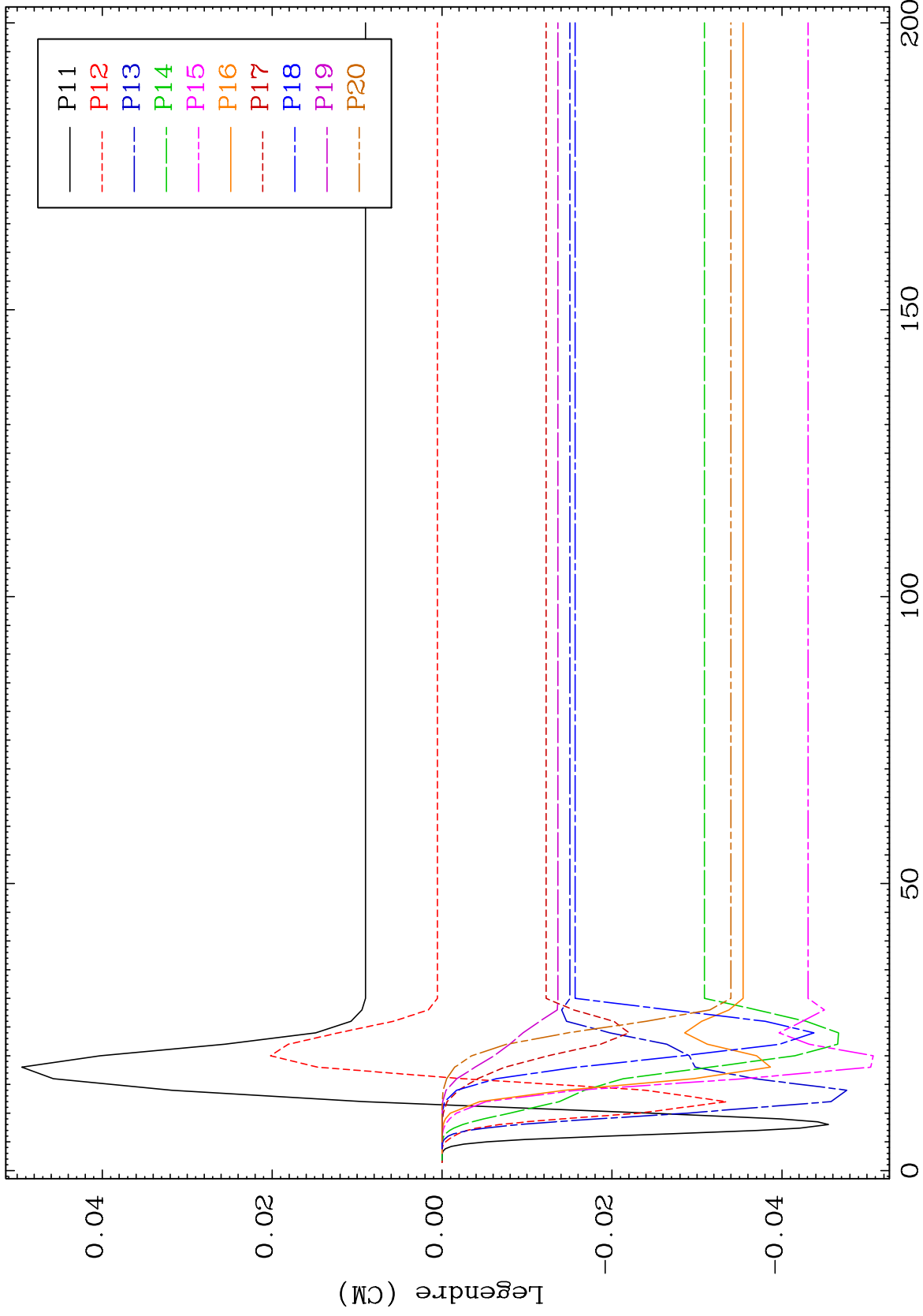
Incident Energy (MeV)

38

MAT 7928

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

79-Au-198



39

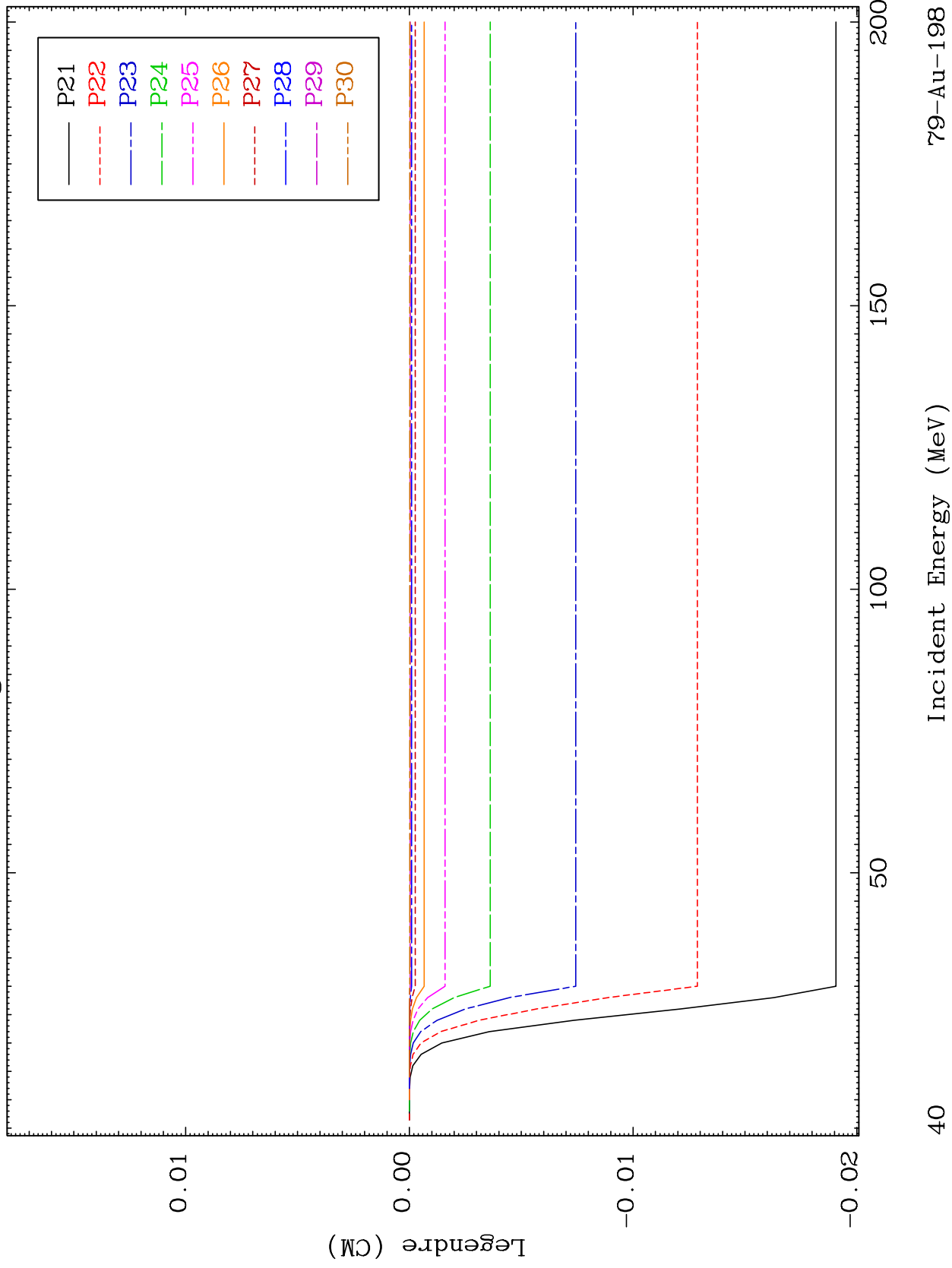
Incident Energy (MeV)

79-Au-198

MAT 7928

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

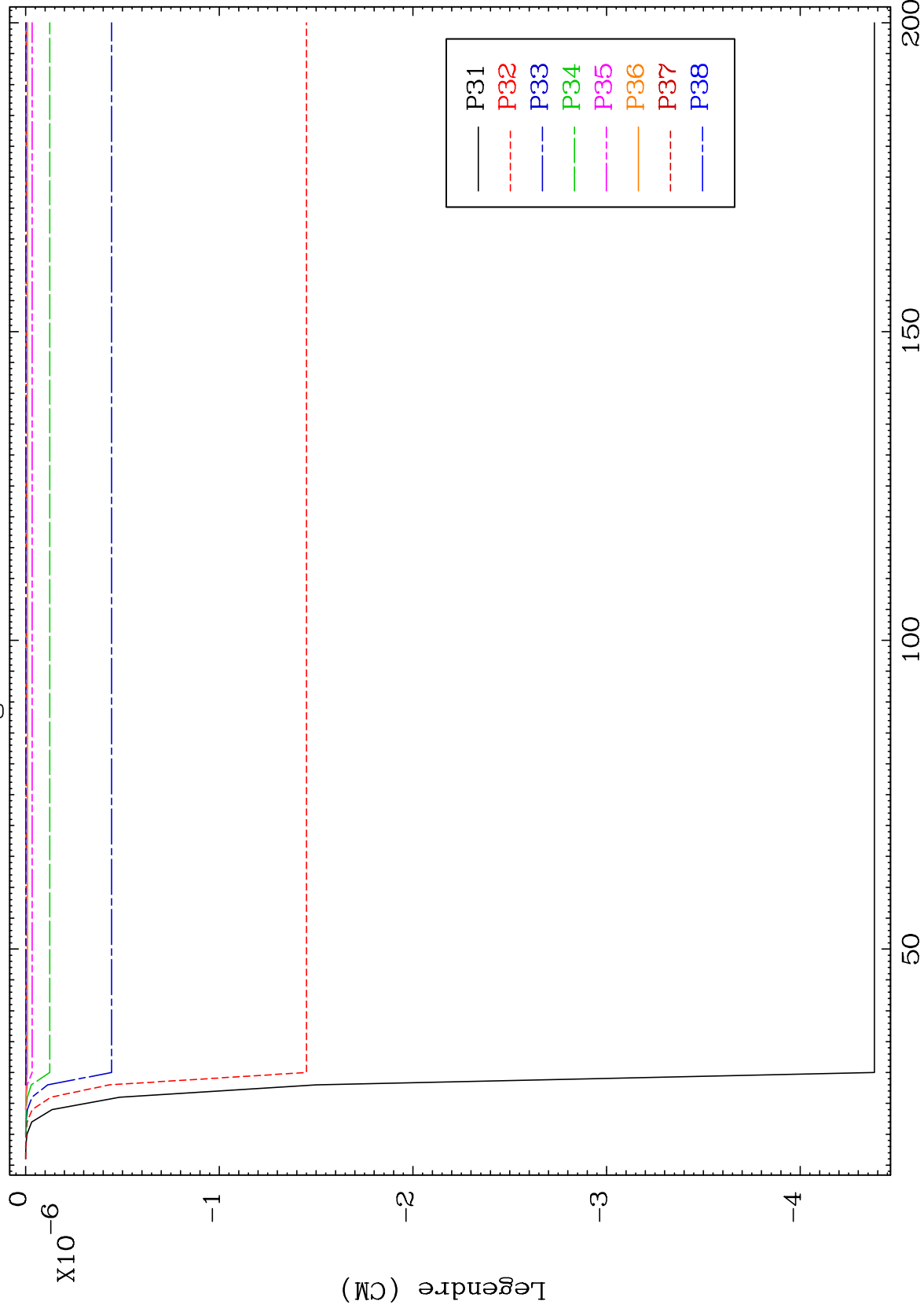
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MAT 7928

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

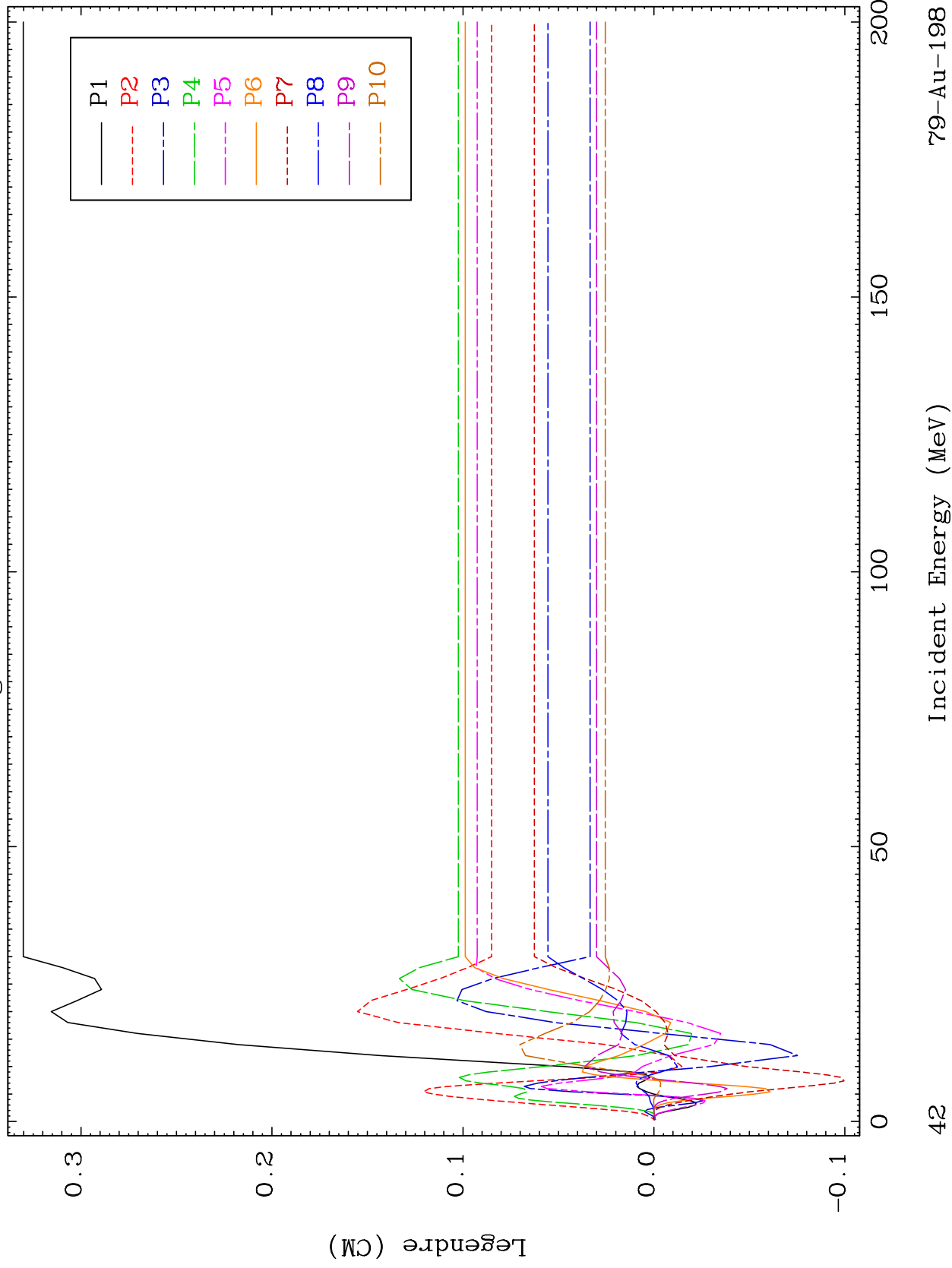
79-Au-198



MAT 7928

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

79-Au-198



79-Au-198

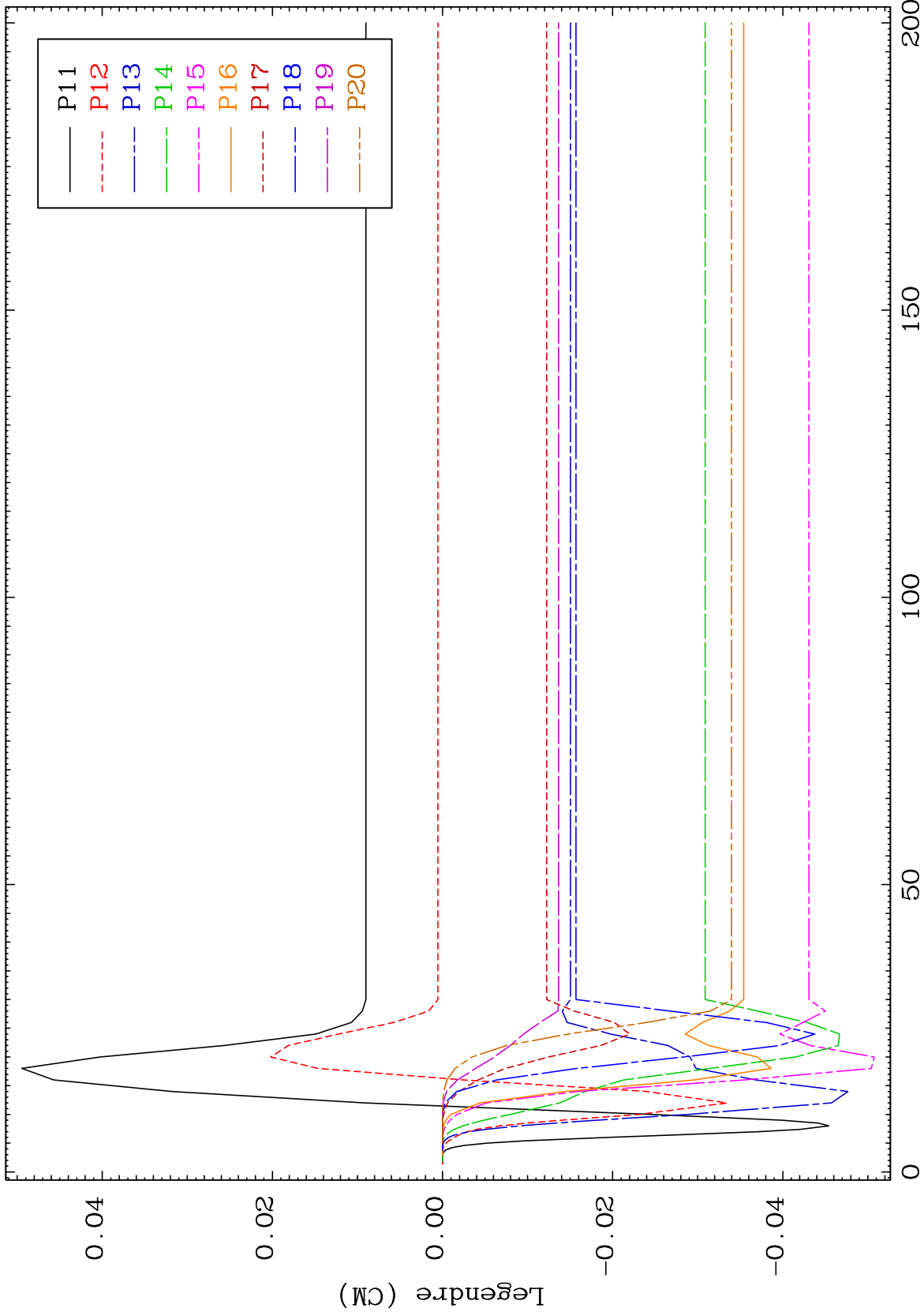
Incident Energy (MeV)

42

MAT 7928

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

79-Au-198



43

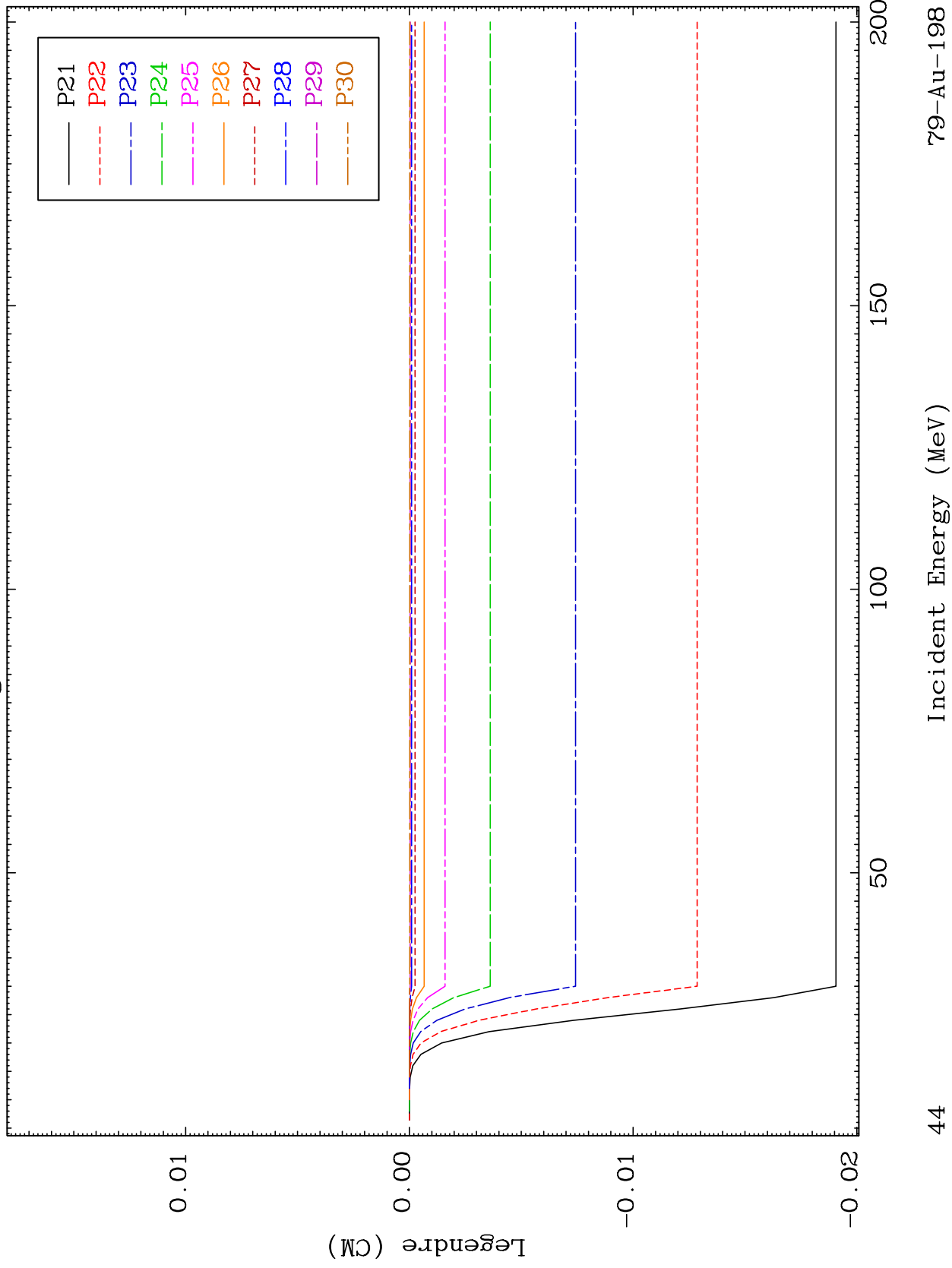
Incident Energy (MeV)

79-Au-198

MAT 7928

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

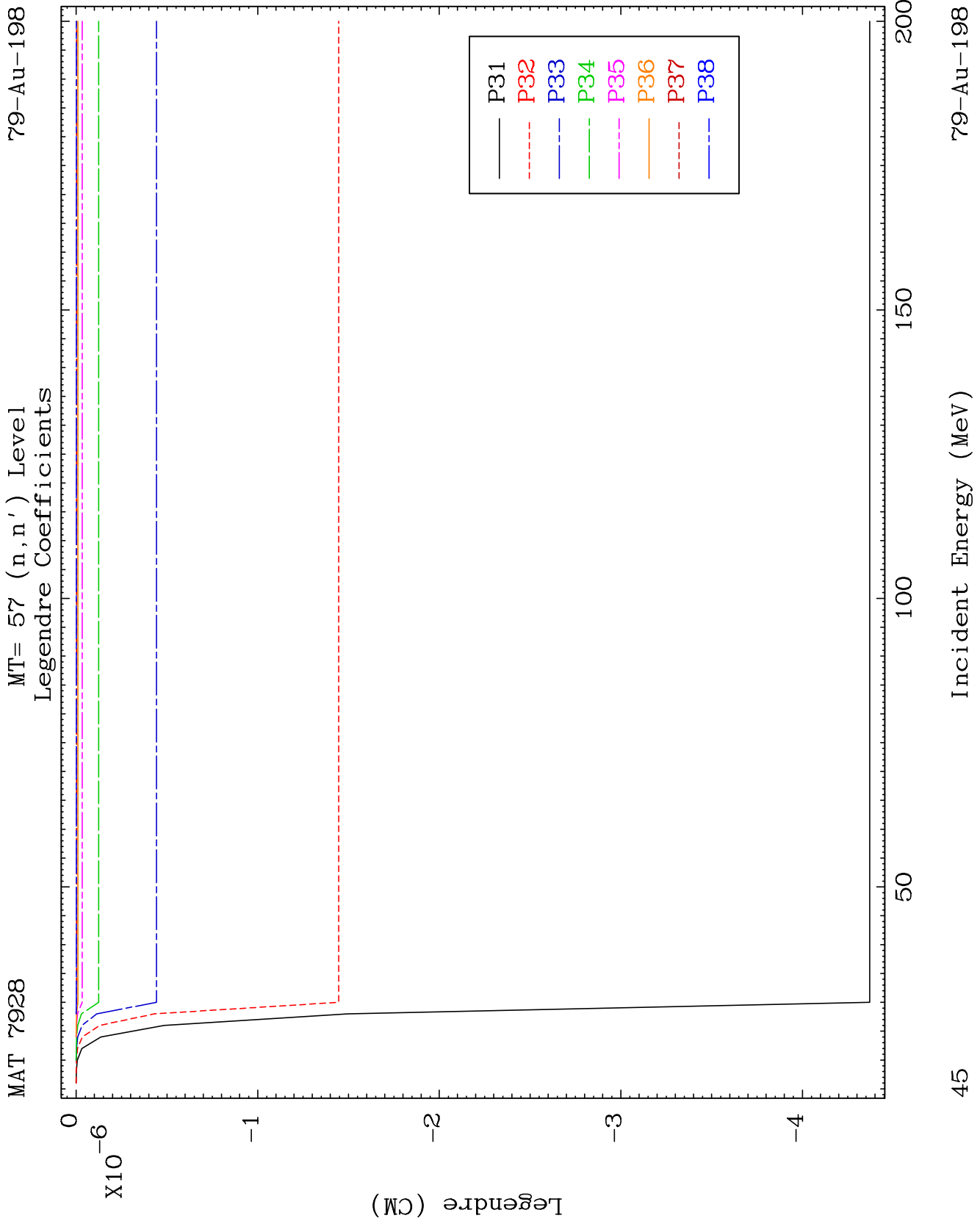
79-Au-198



44

Incident Energy (MeV)

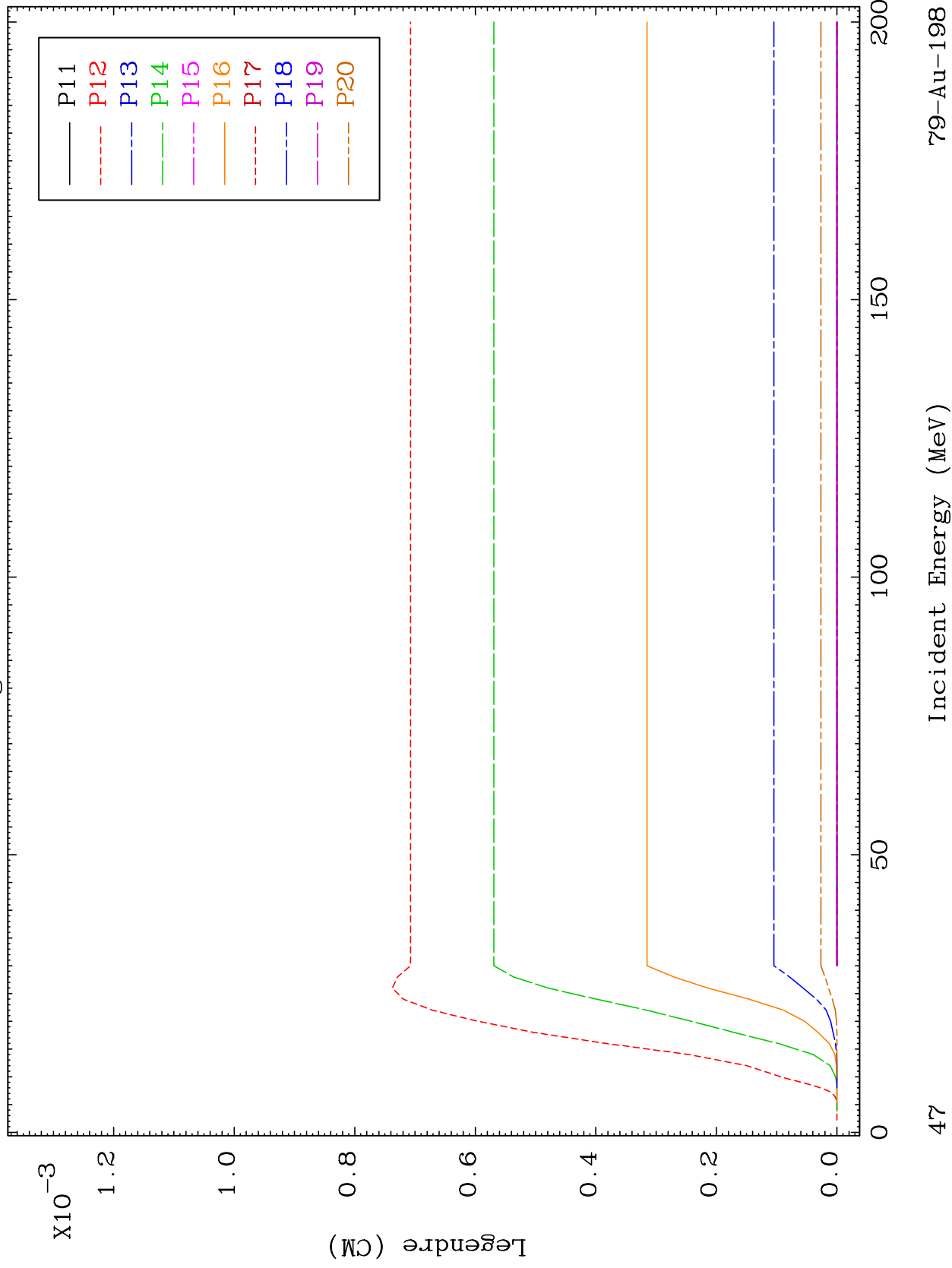
79-Au-198



MAT 7928

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

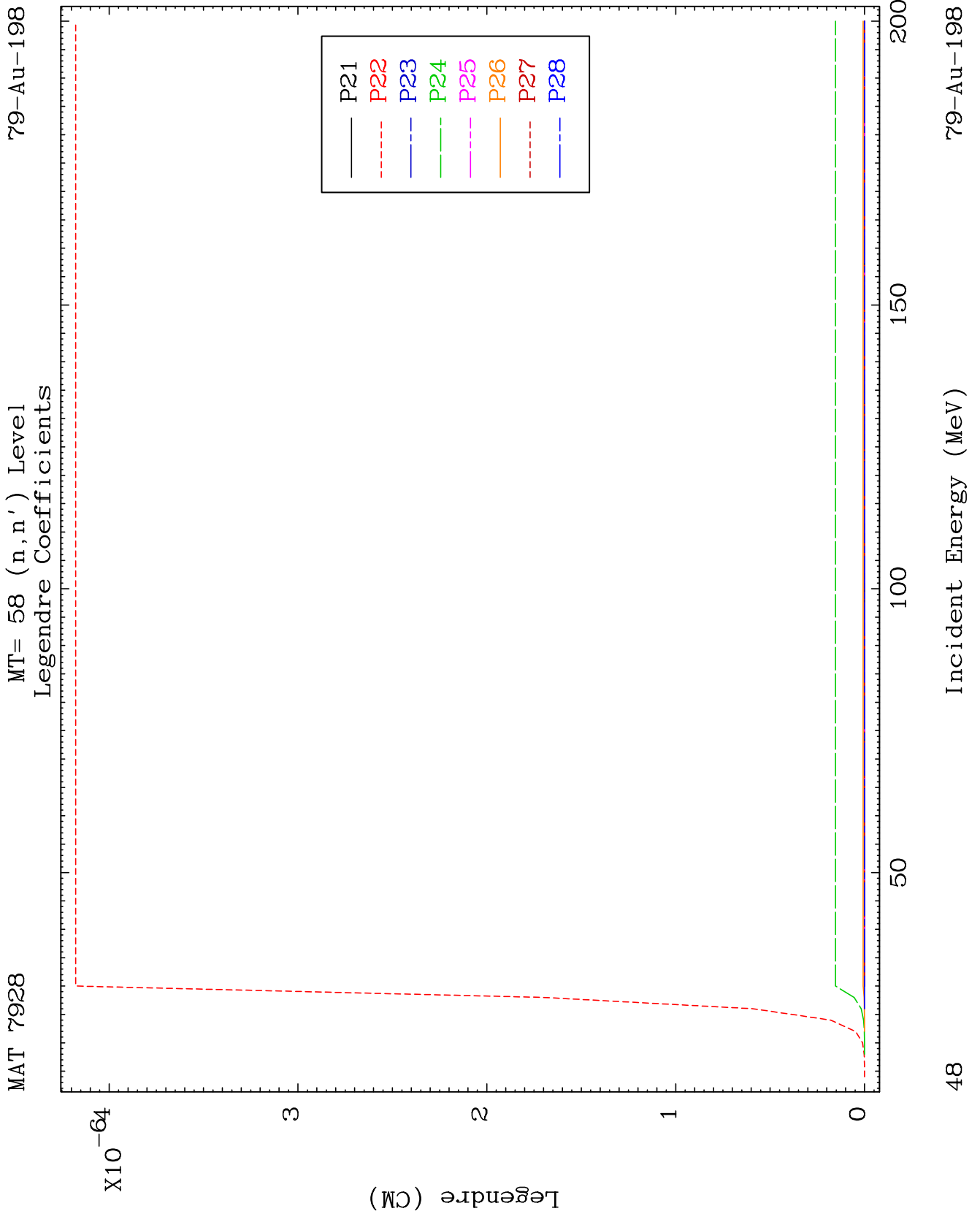
79-Au-198



79-Au-198

Incident Energy (MeV)

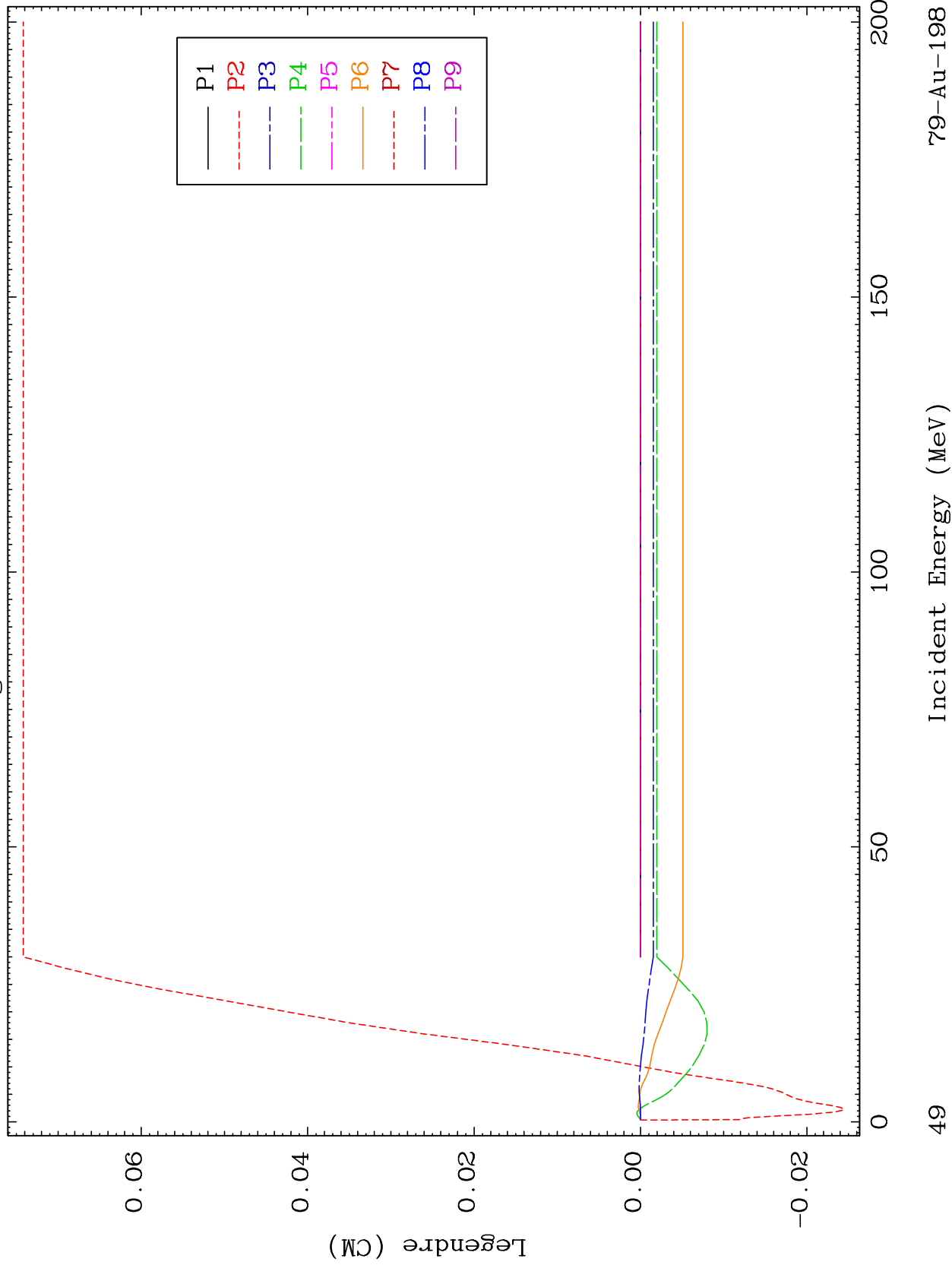
47



MAT 7928

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

79-Au-198



79-Au-198

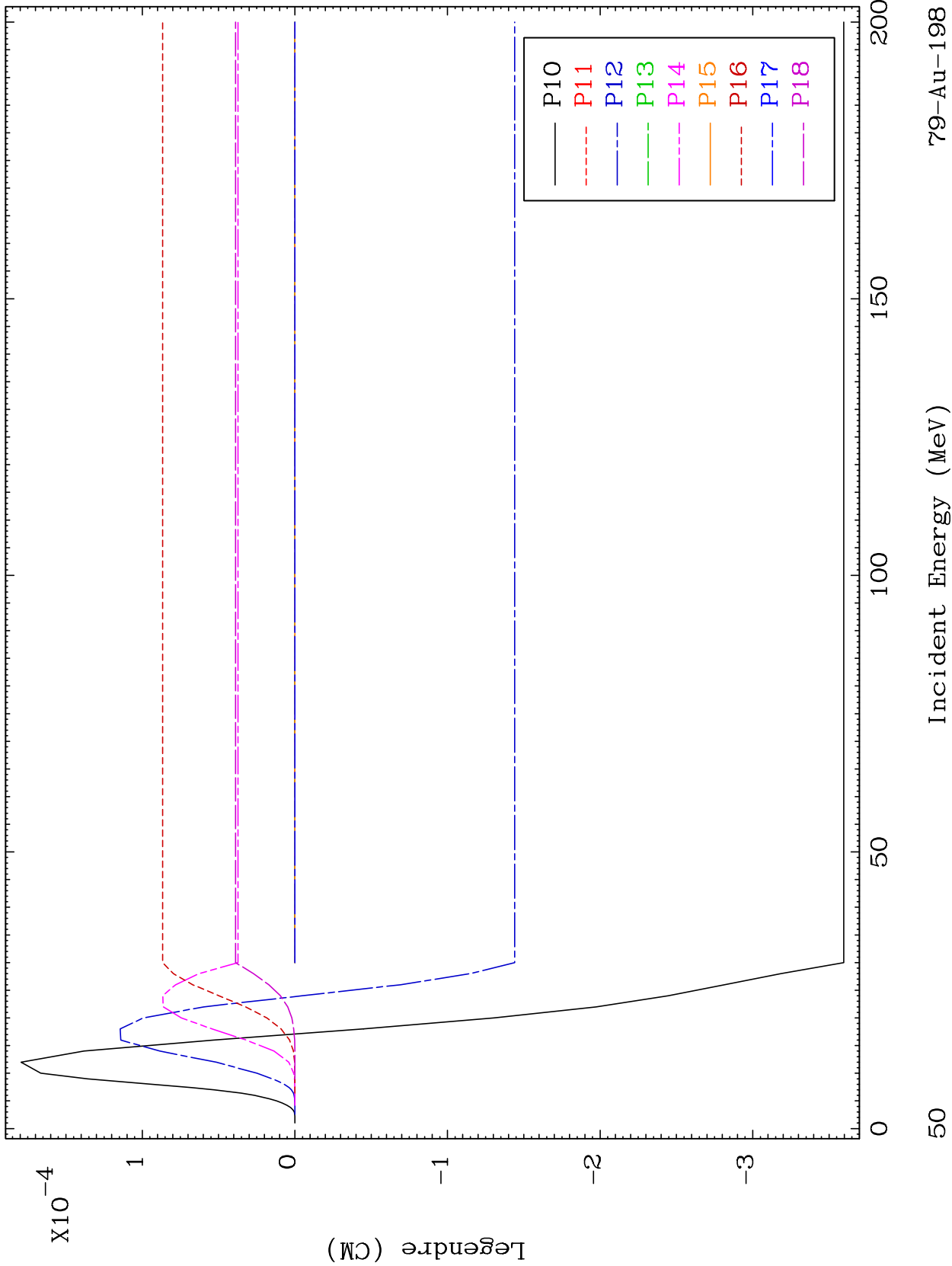
Incident Energy (MeV)

49

MAT 7928

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

79-Au-198



79-Au-198

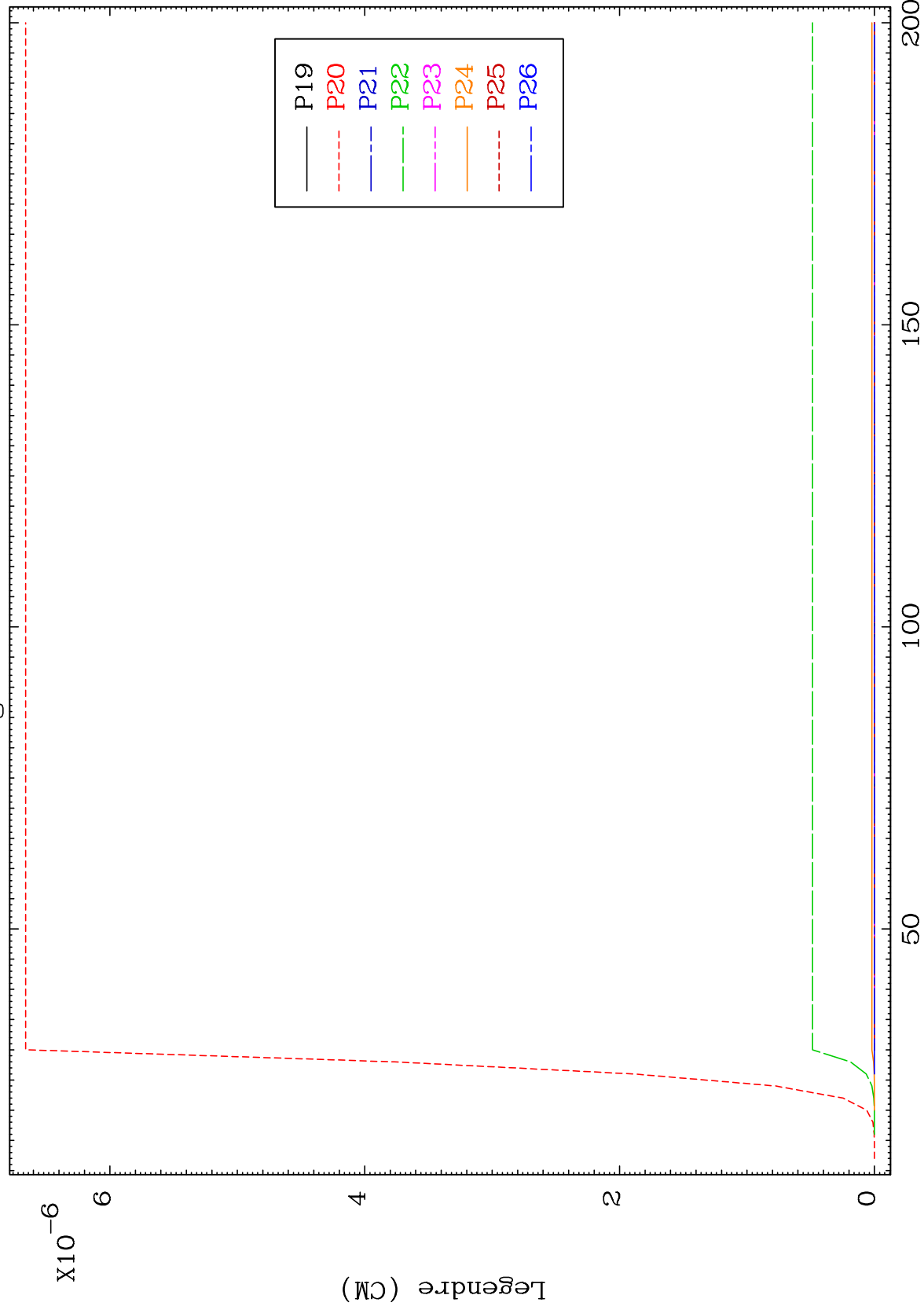
Incident Energy (MeV)

50

MAT 7928

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

79-Au-198



79-Au-198

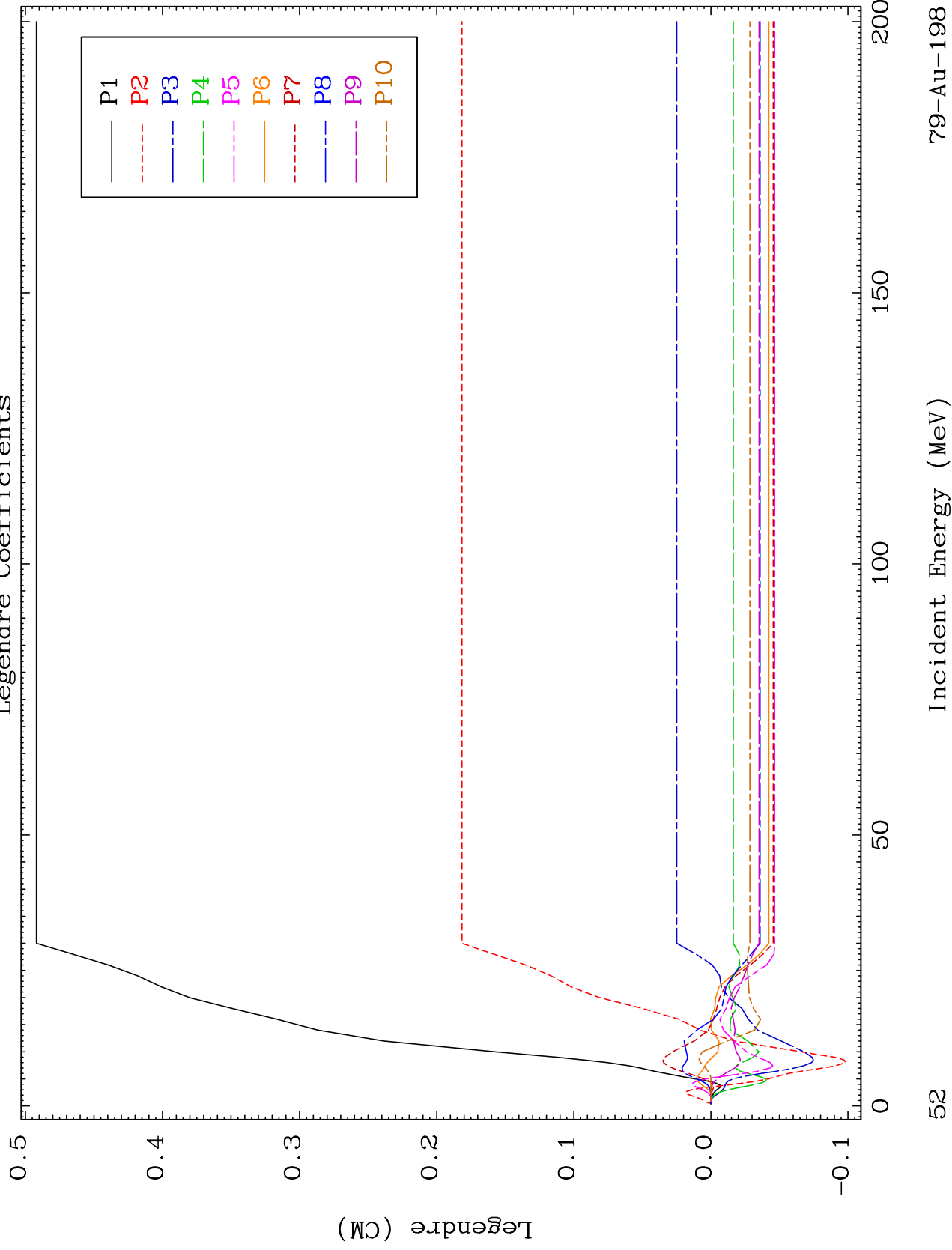
Incident Energy (MeV)

51

MAT 7928

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

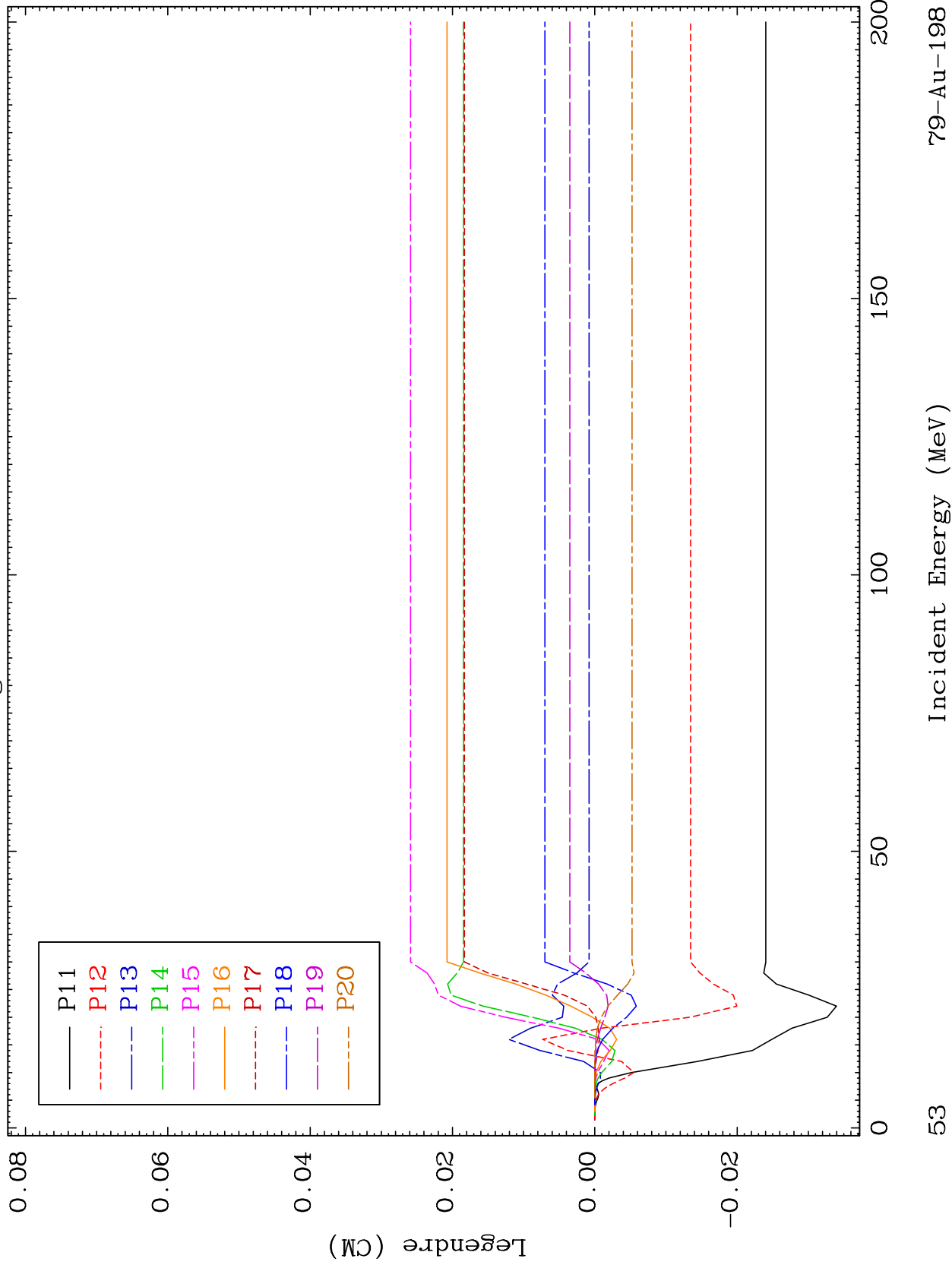
79-Au-198



MAT 7928

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

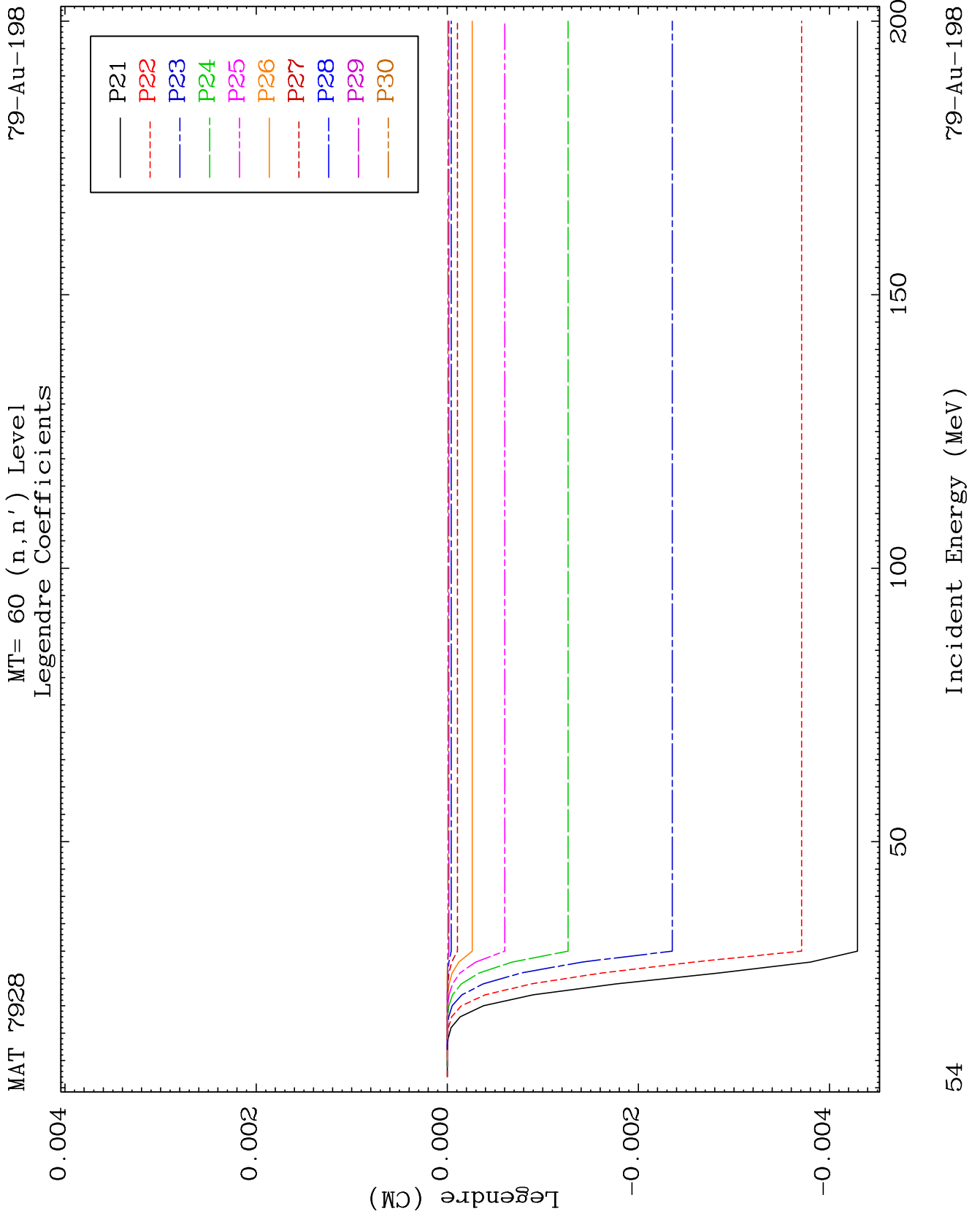
79-Au-198

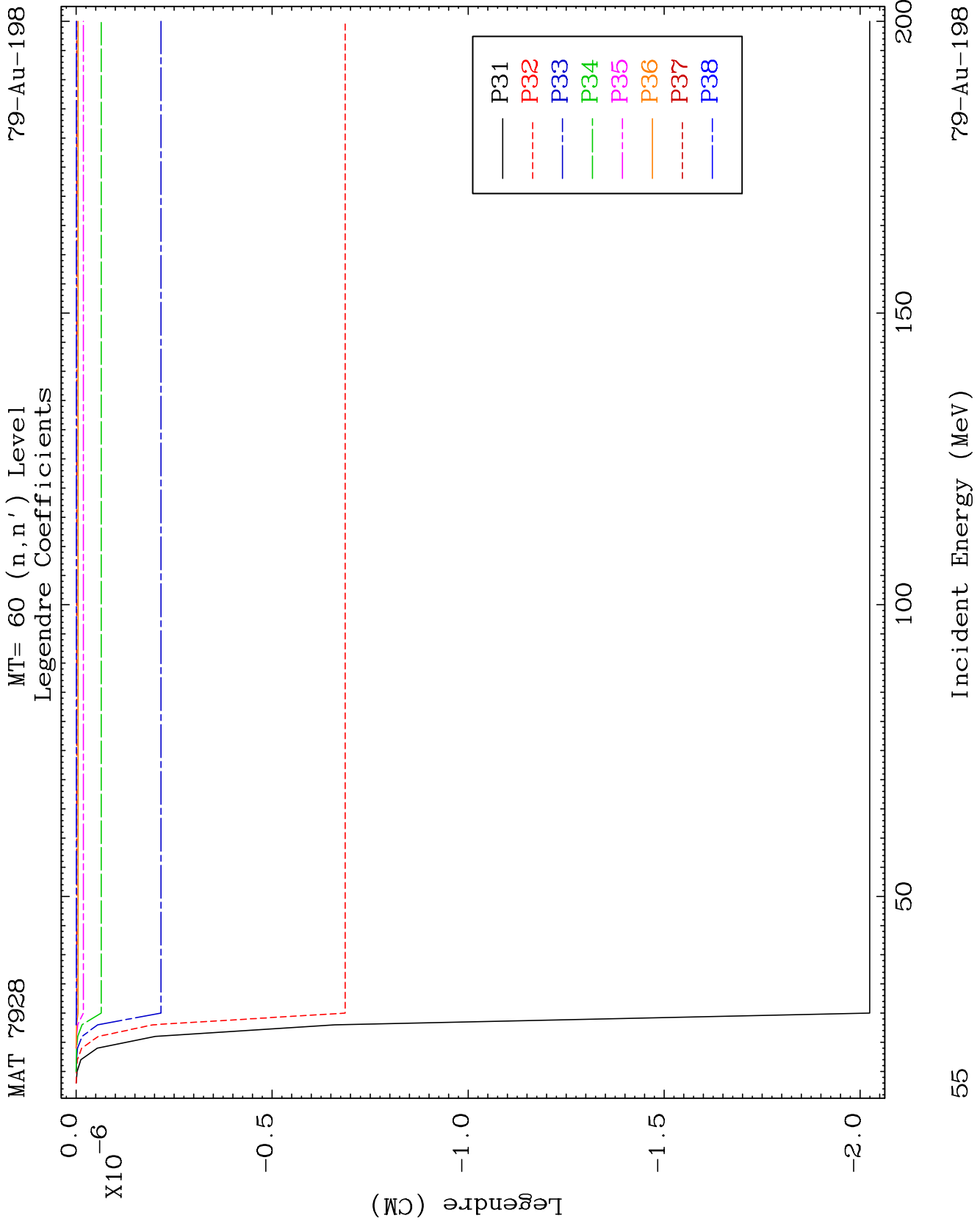


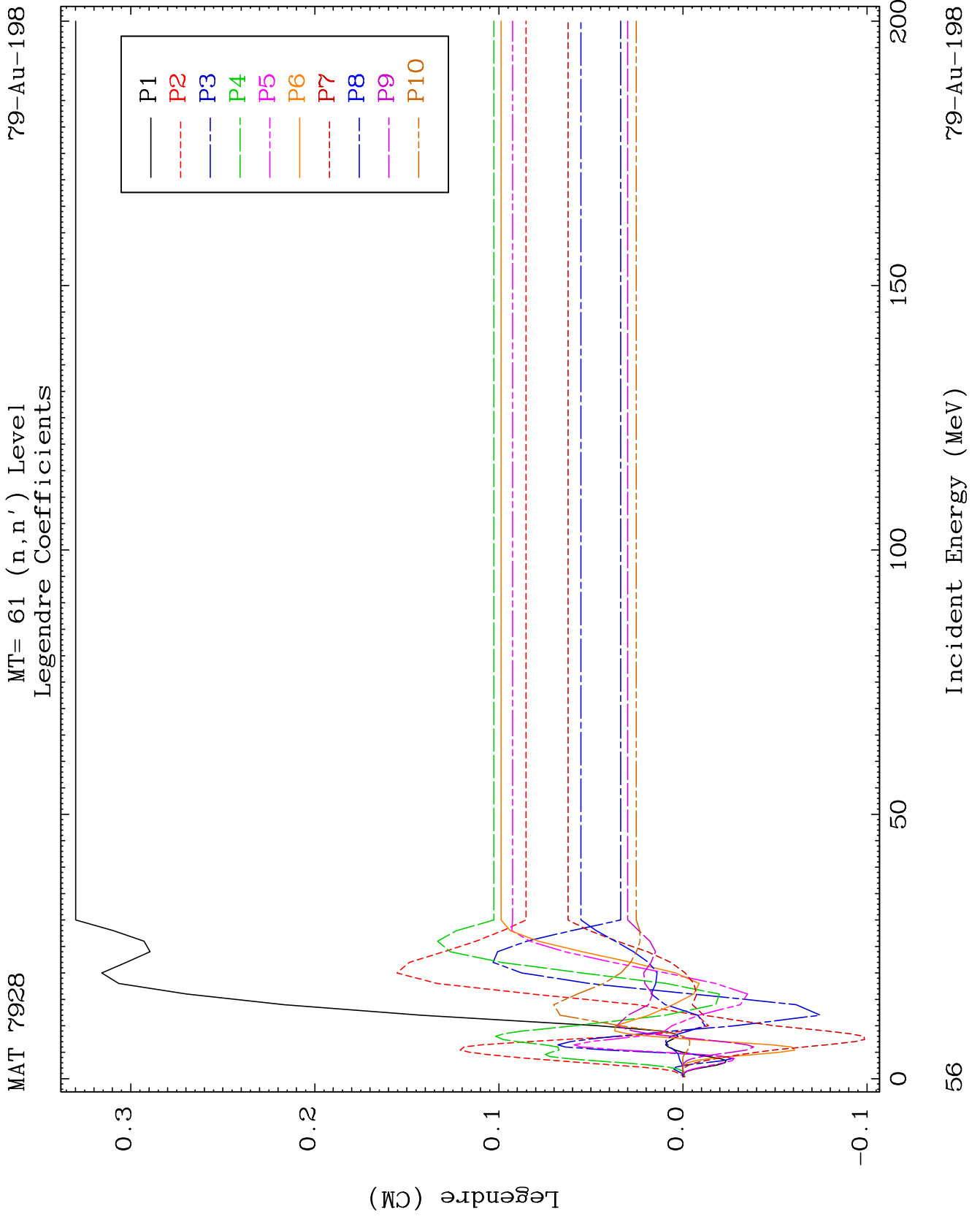
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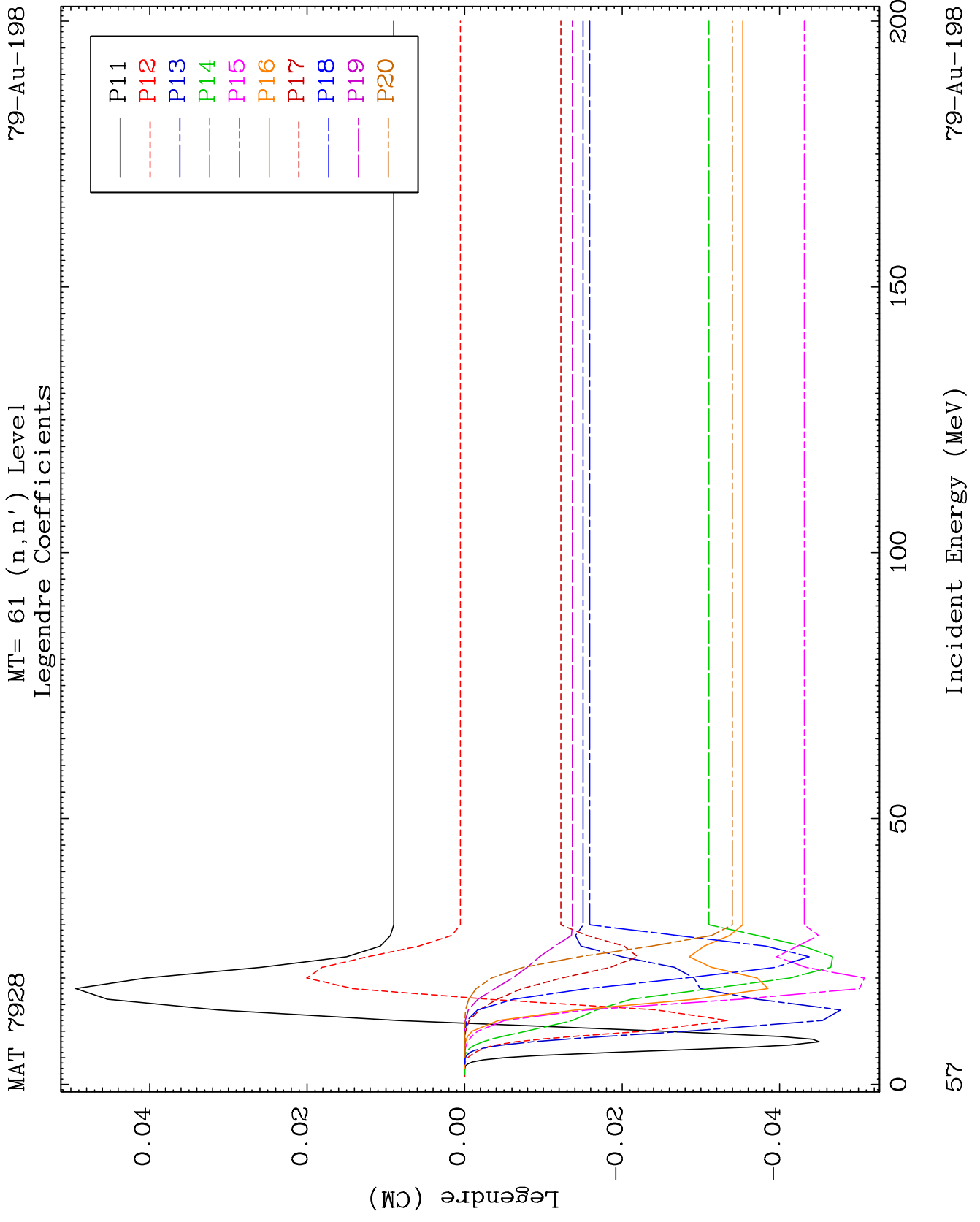
Incident Energy (MeV)

79-Au-198





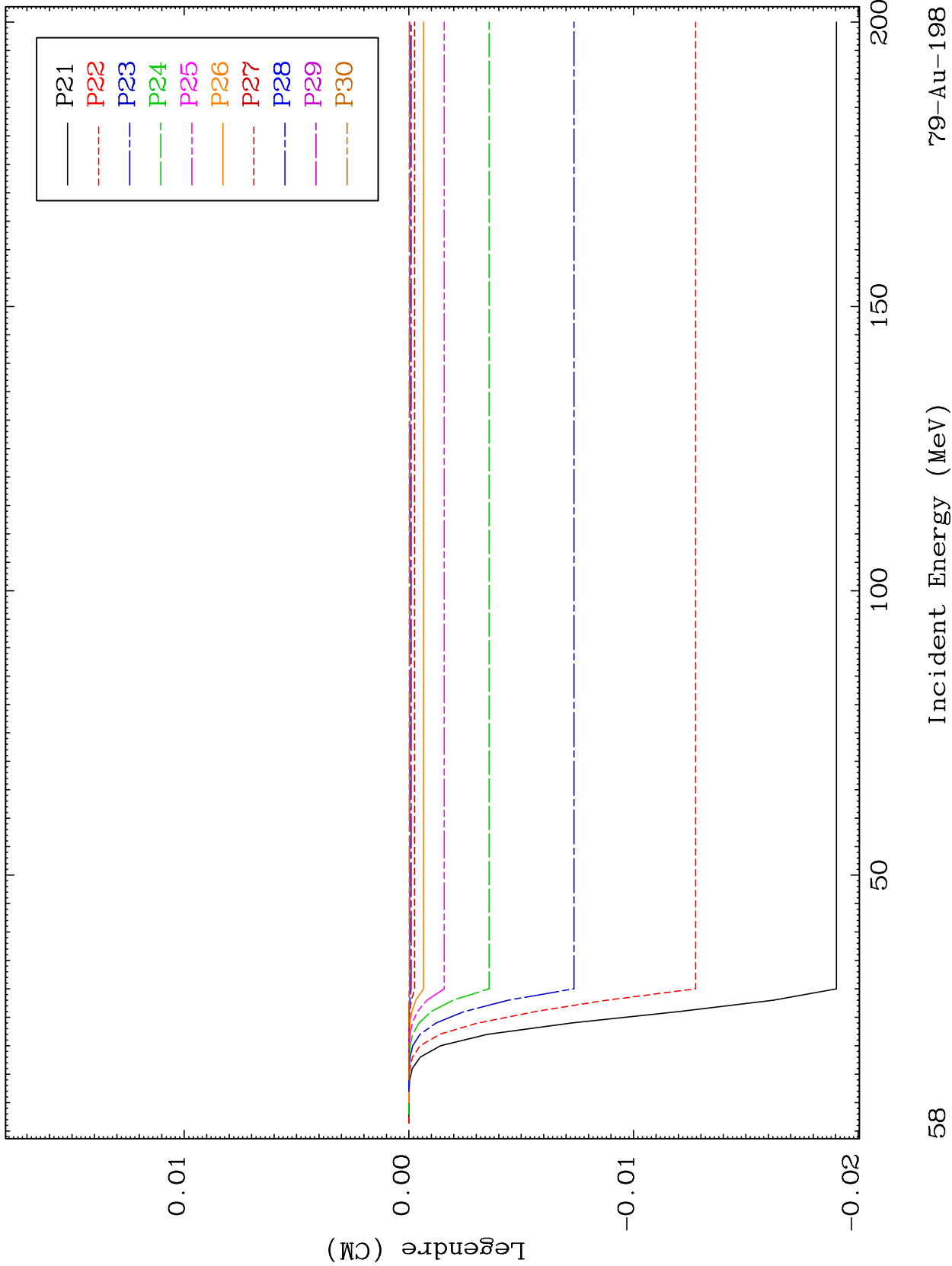




MAT 7928

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

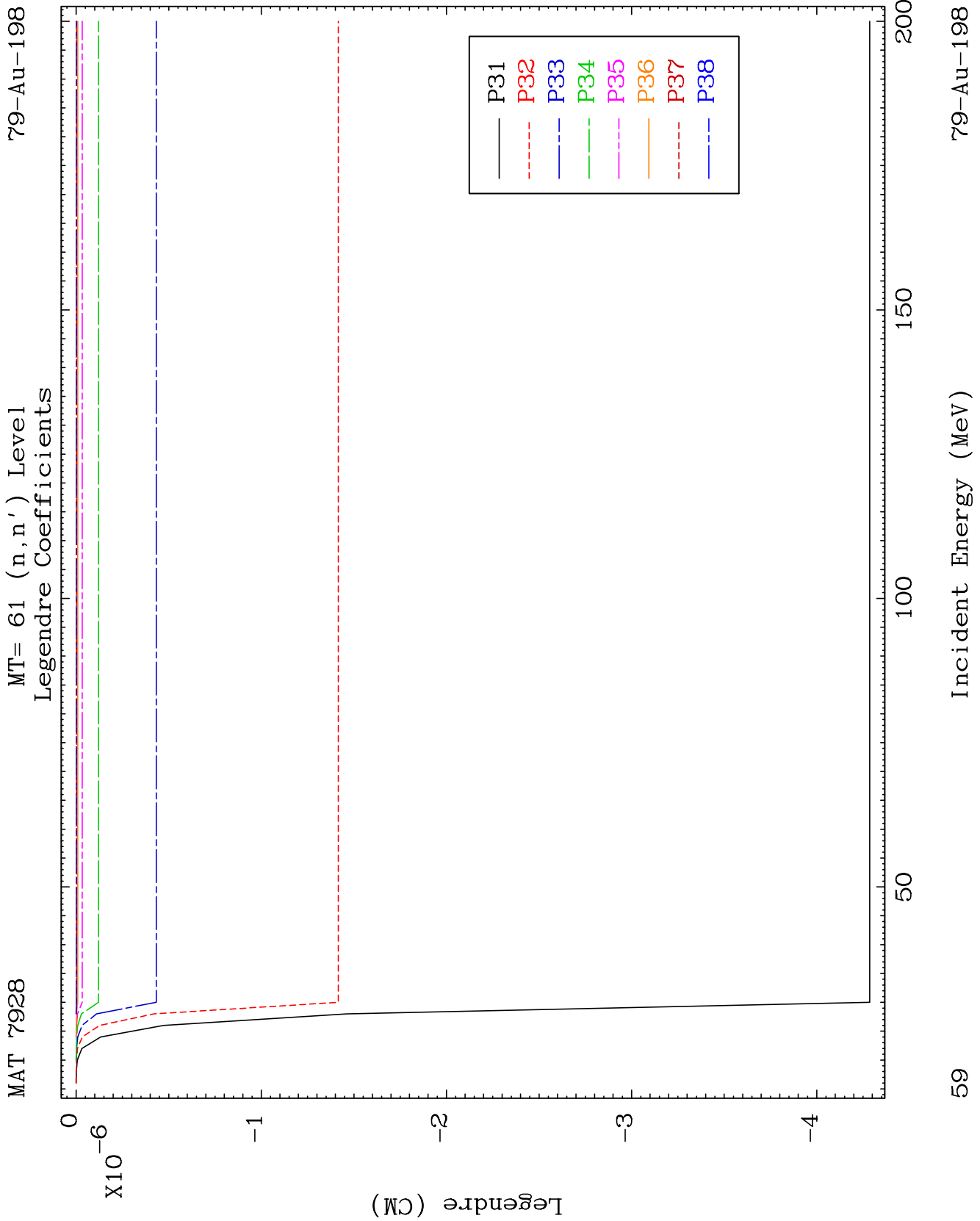
79-Au-198



58

Incident Energy (MeV)

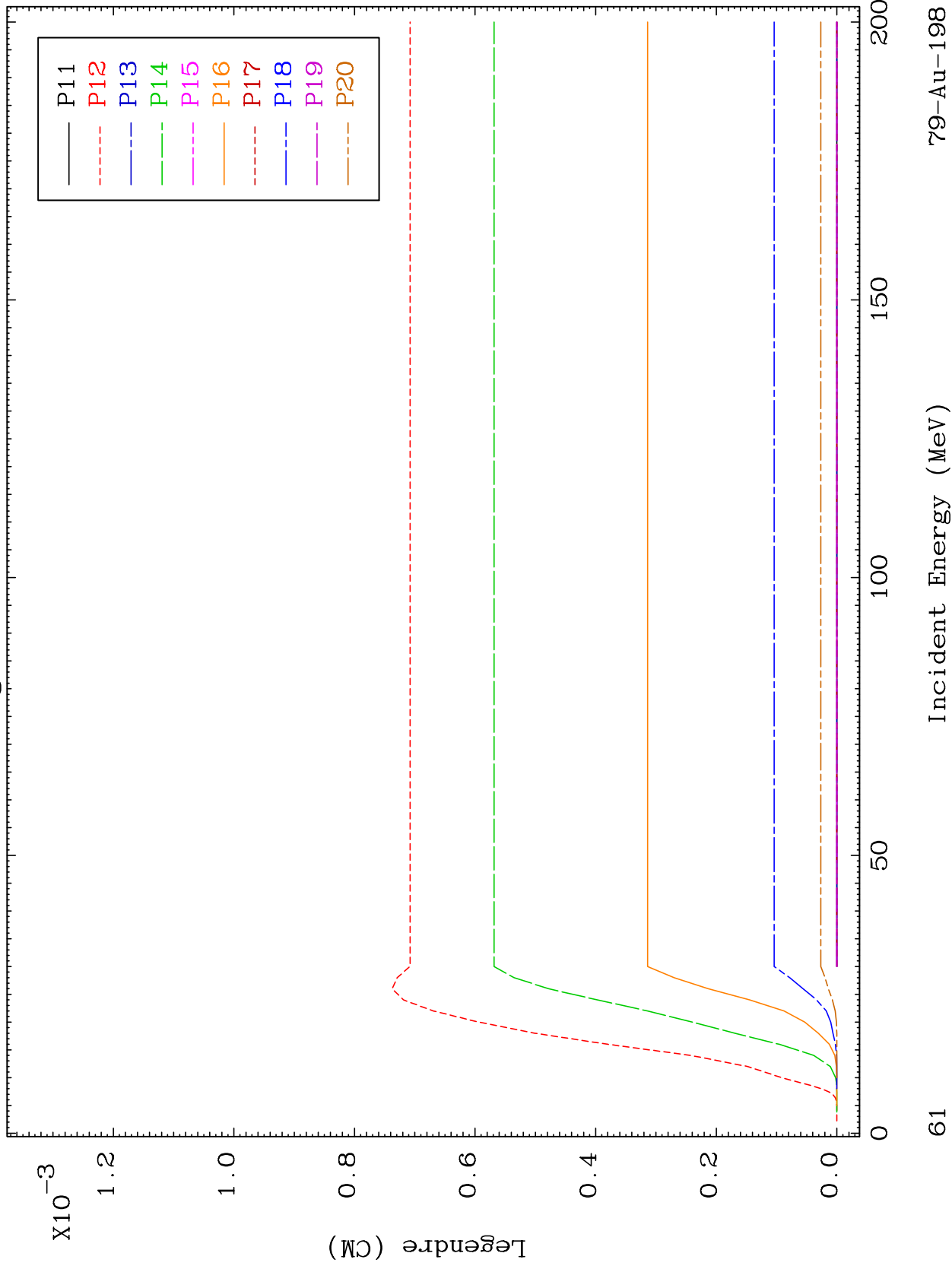
79-Au-198



MAT 7928

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

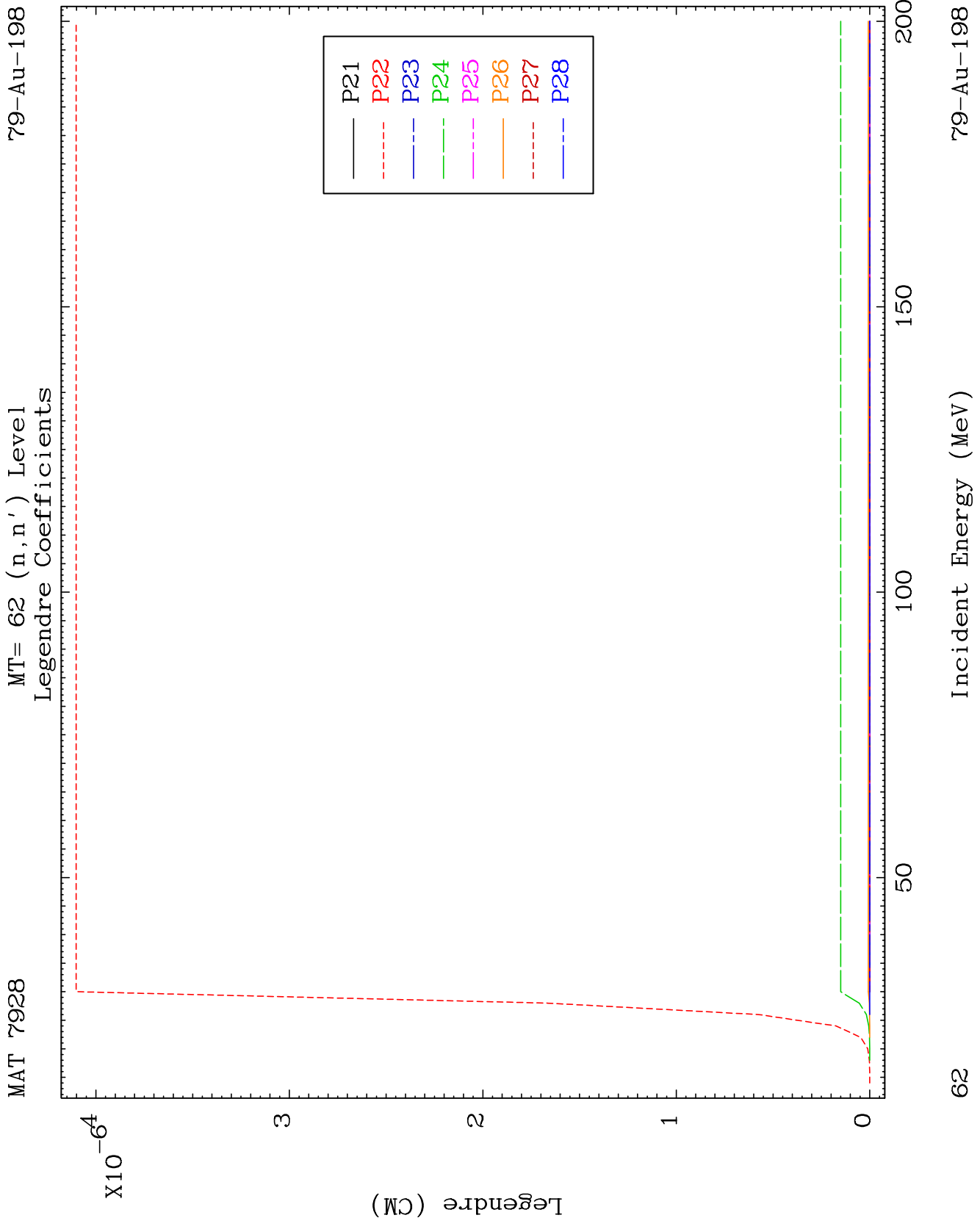
79-Au-198



79-Au-198

Incident Energy (MeV)

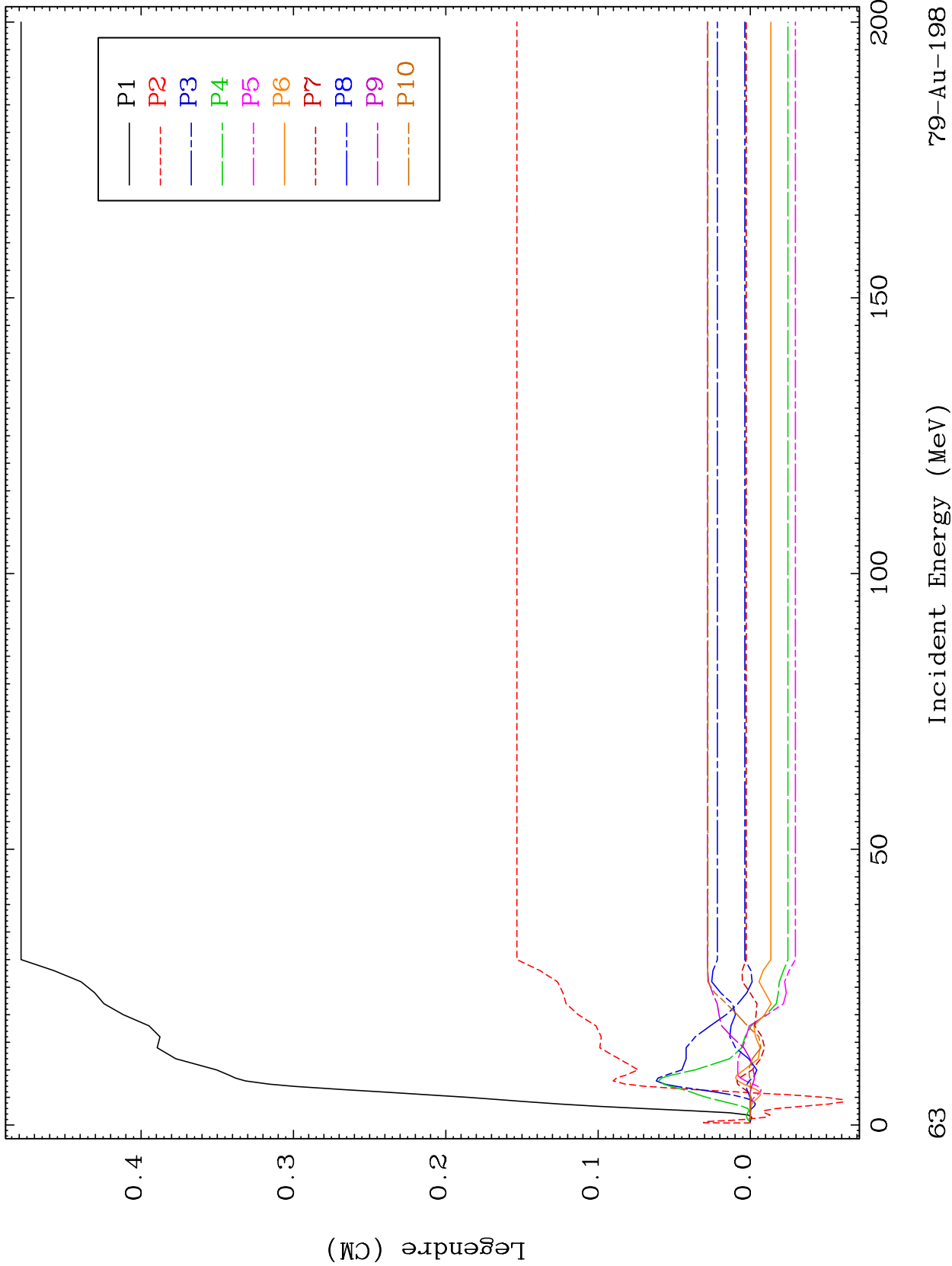
61



MAT 7928

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

79-Au-198



79-Au-198

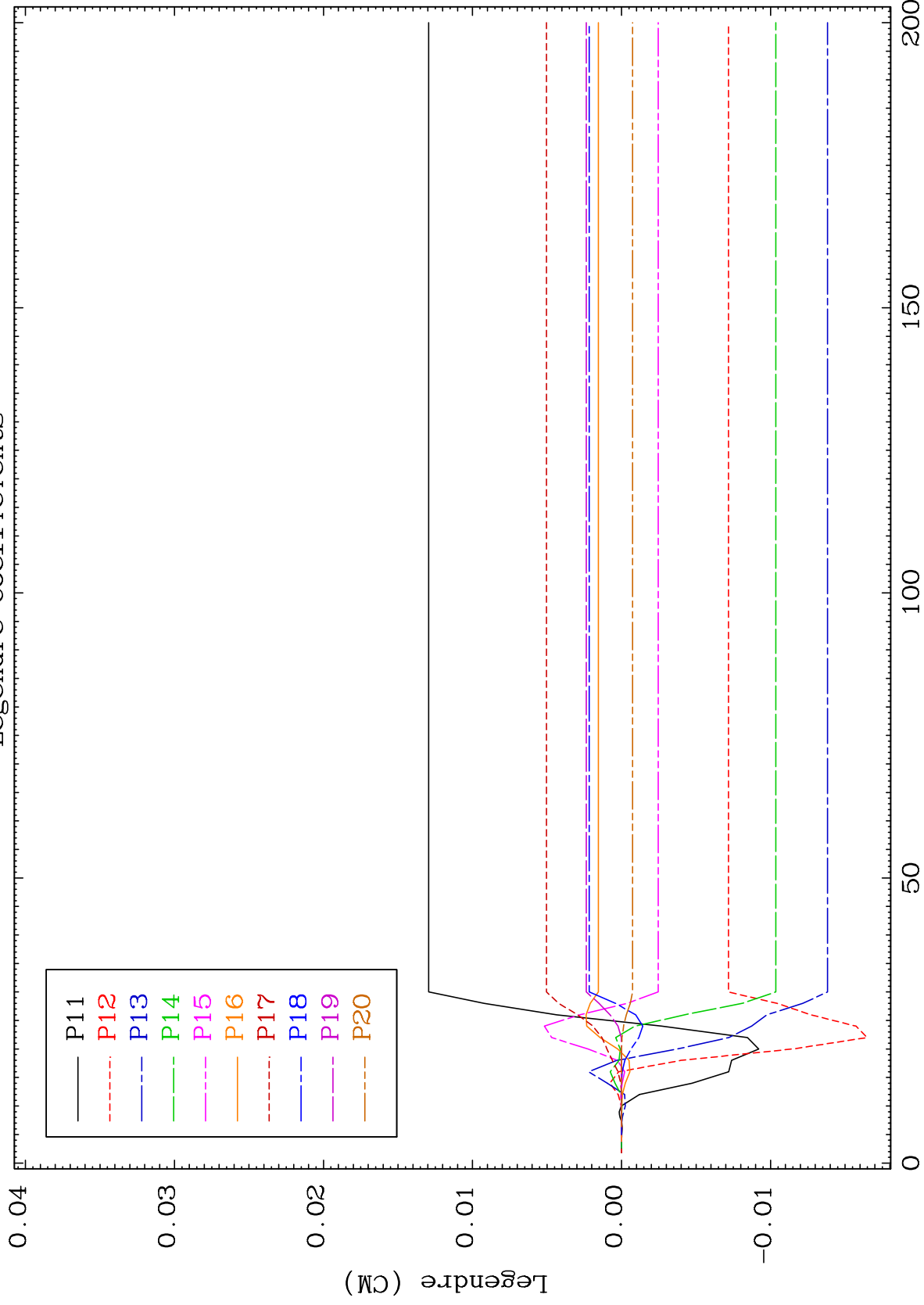
Incident Energy (MeV)

63

MAT 7928

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

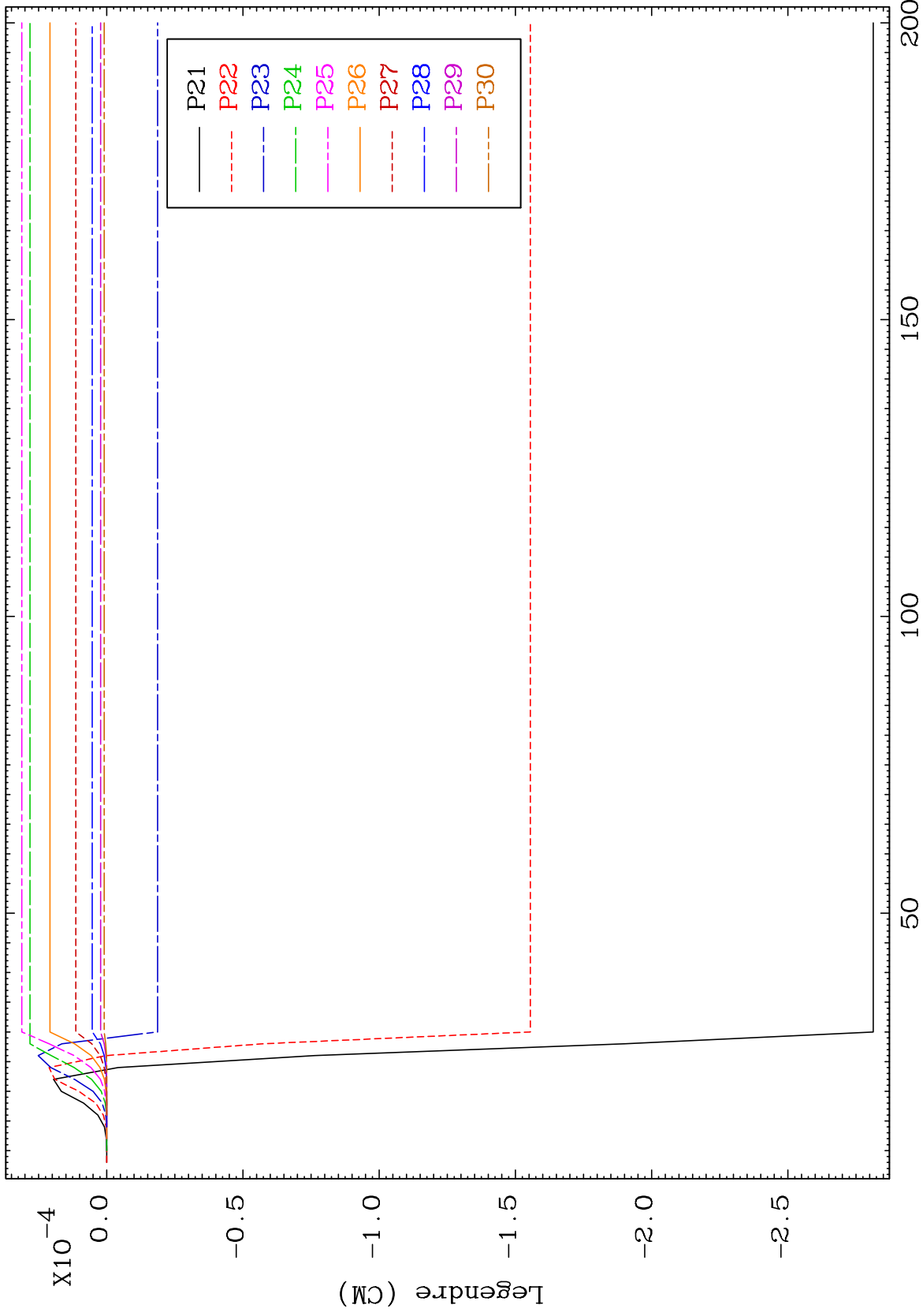
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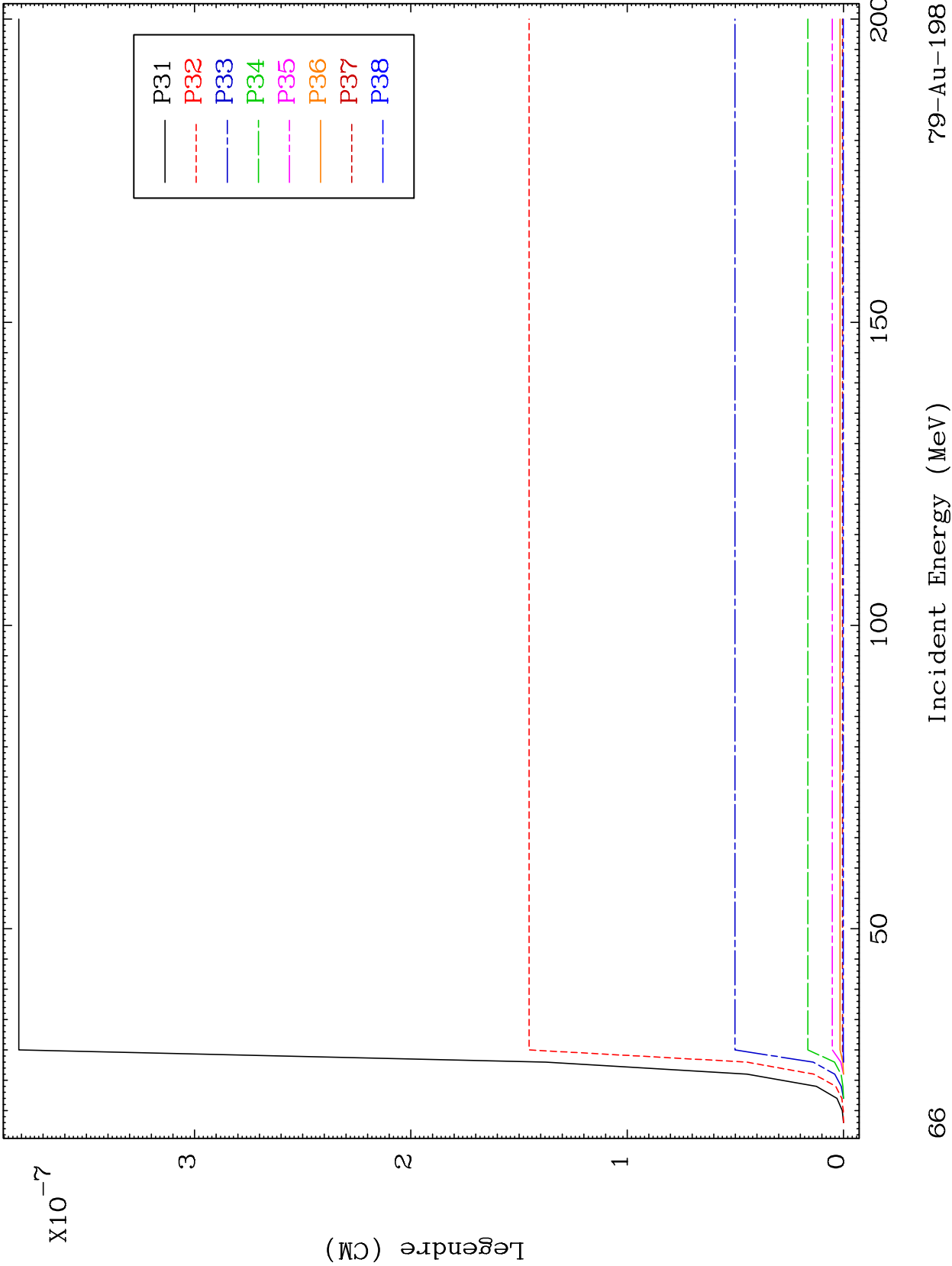


64

Incident Energy (MeV)

79-Au-198

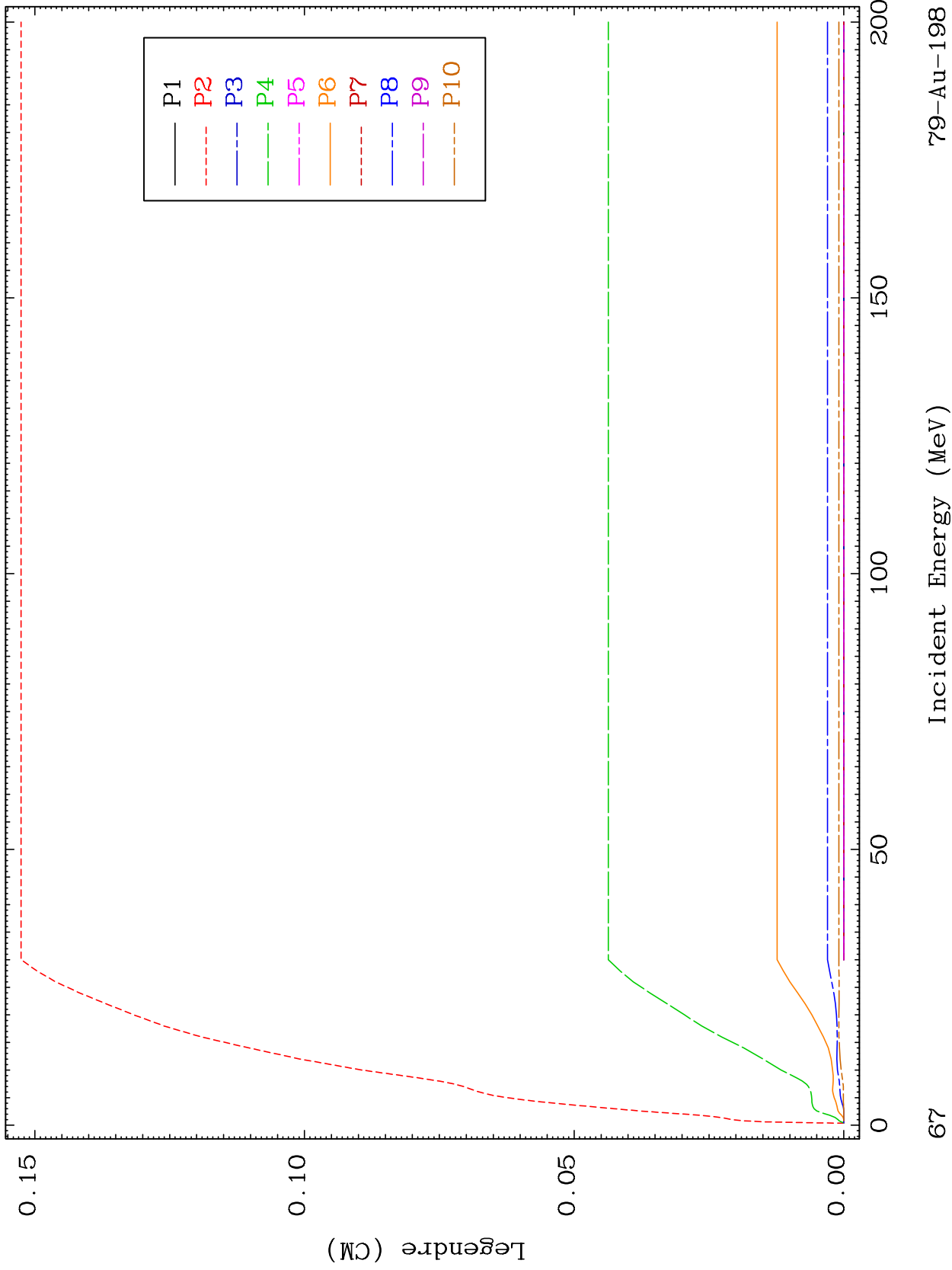




MAT 7928

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

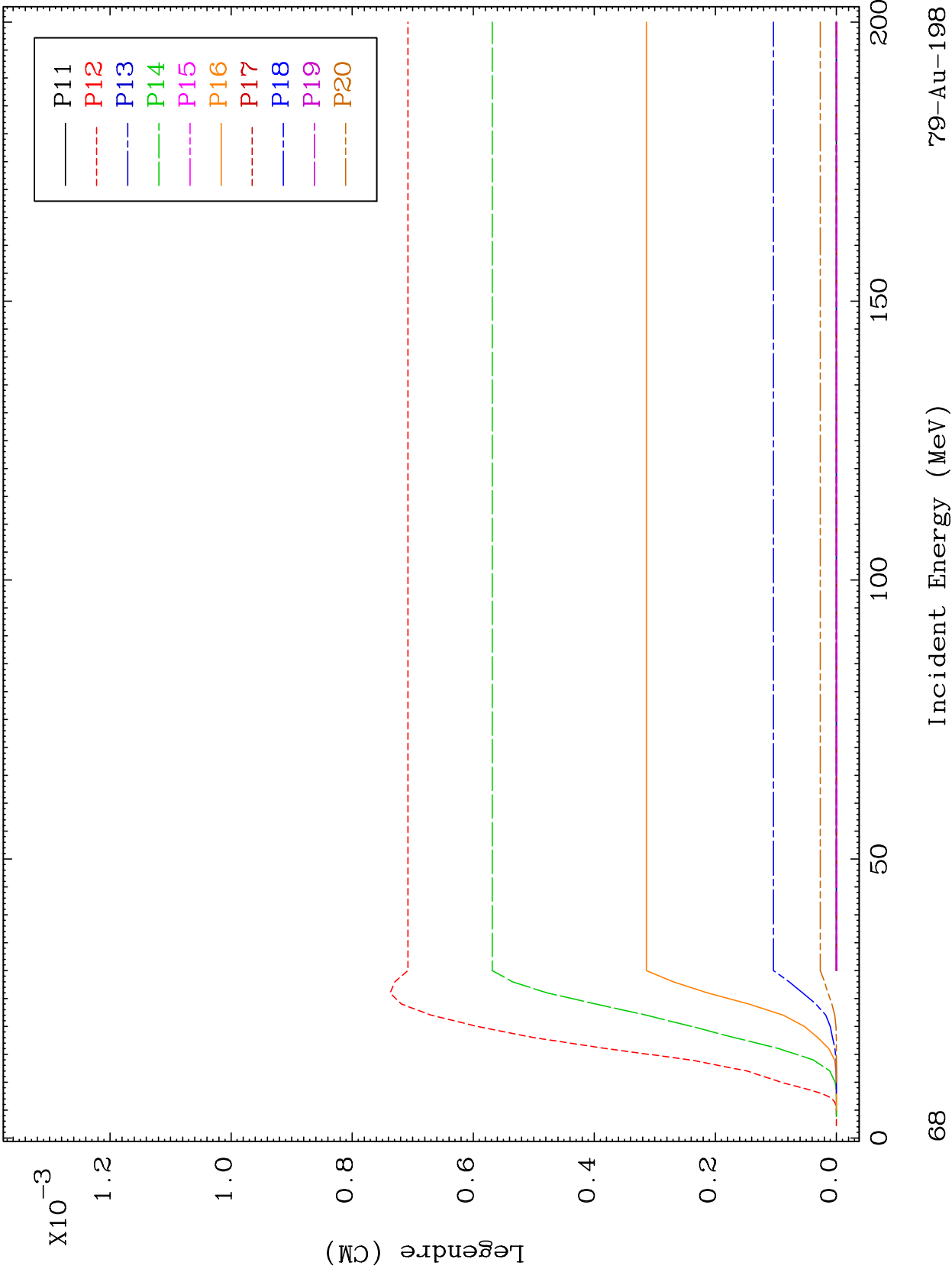
79-Au-198



MAT 7928

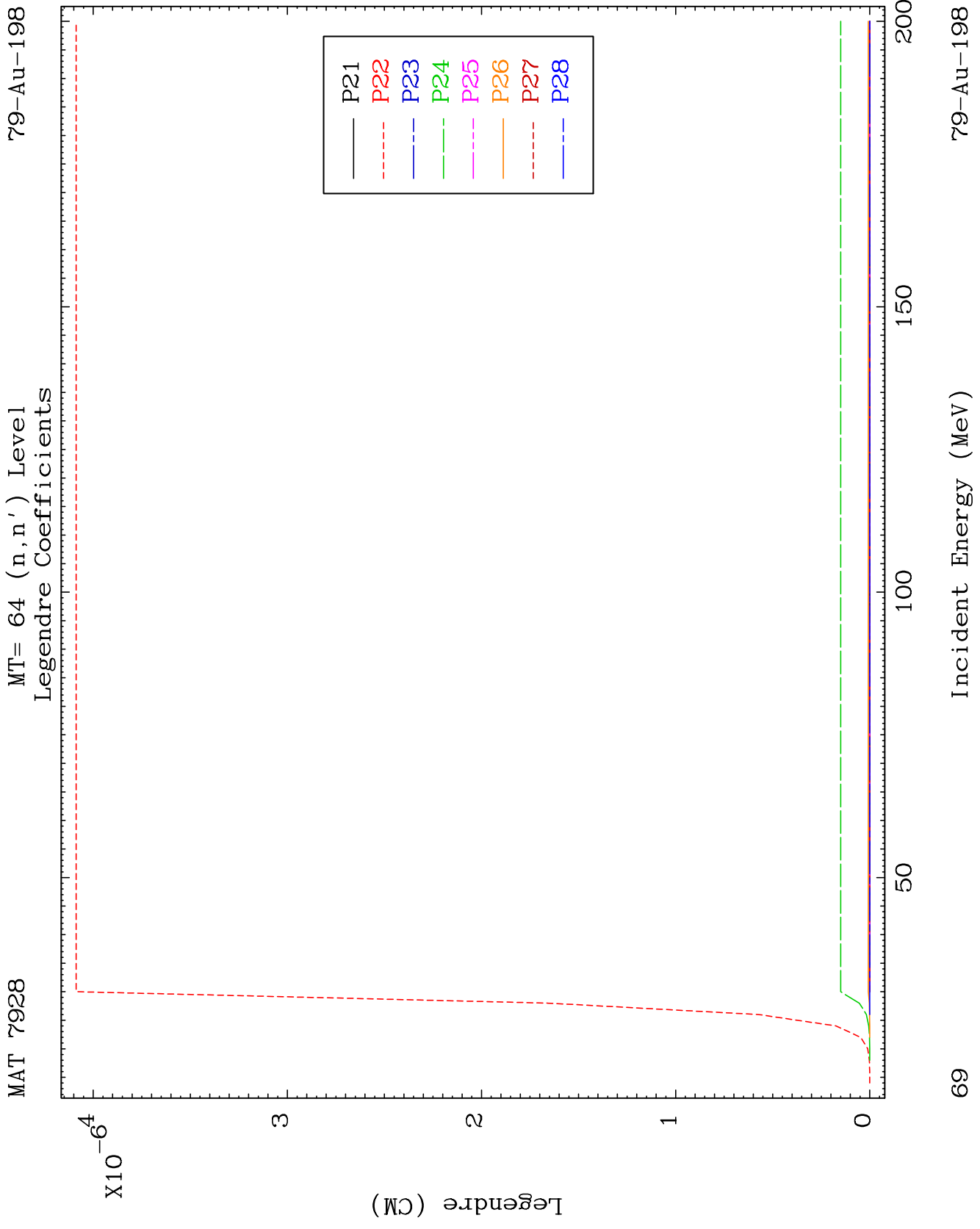
MT= 64 (n,n') Level
Legendre Coefficients

79-Au-198



68

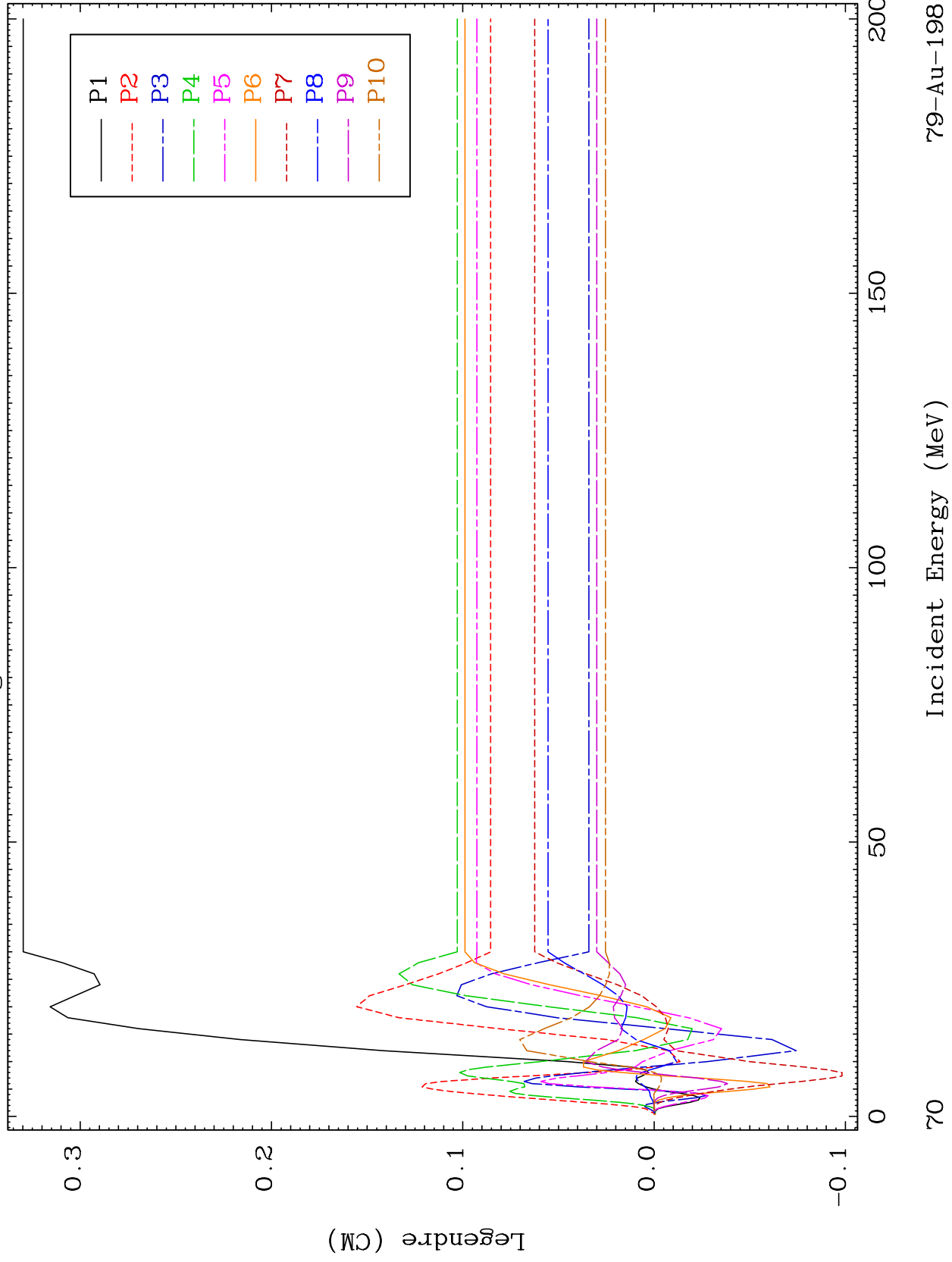
79-Au-198



MAT 7928

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

79-Au-198



79-Au-198

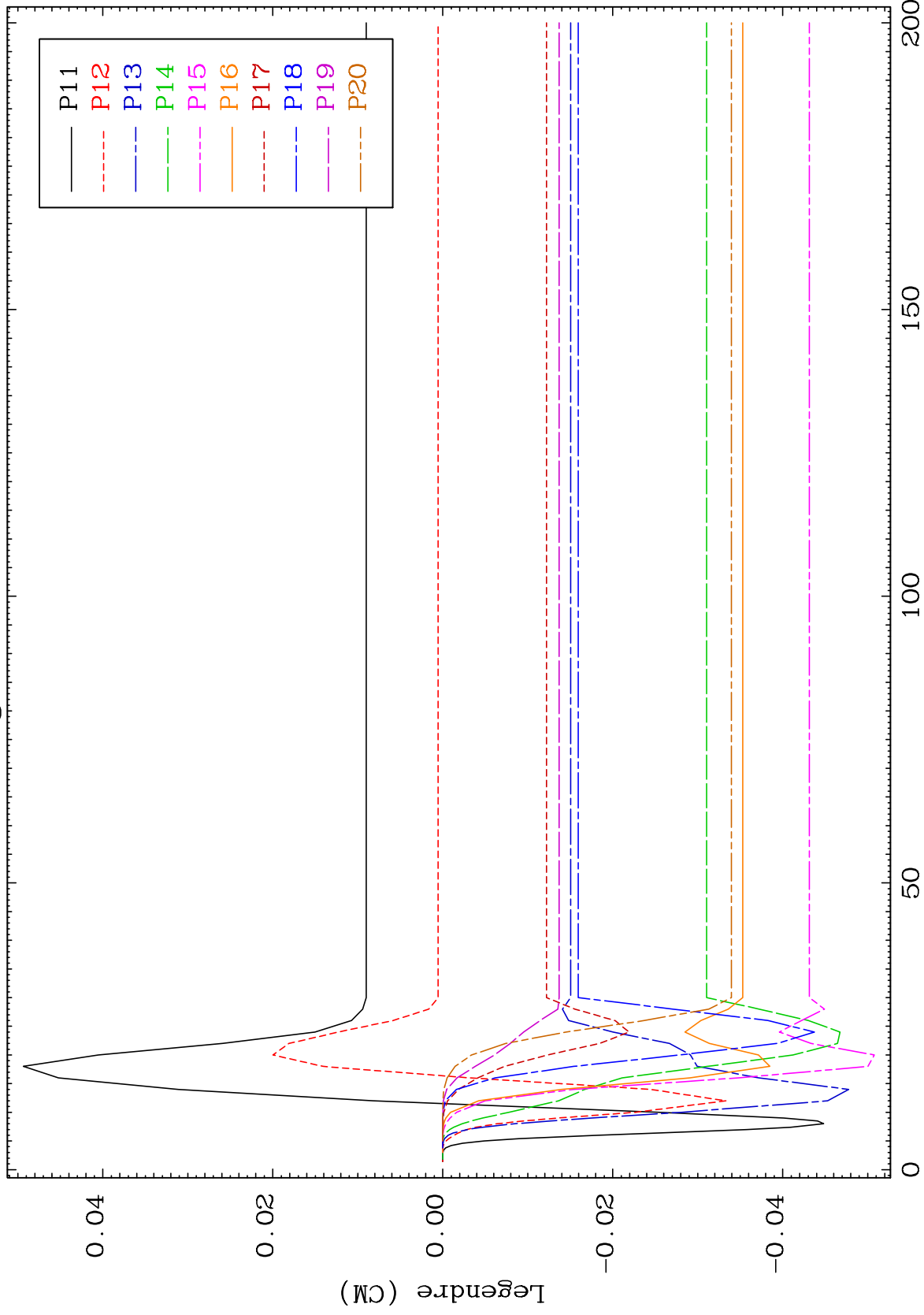
Incident Energy (MeV)

70

MAT 7928

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

79-Au-198



71

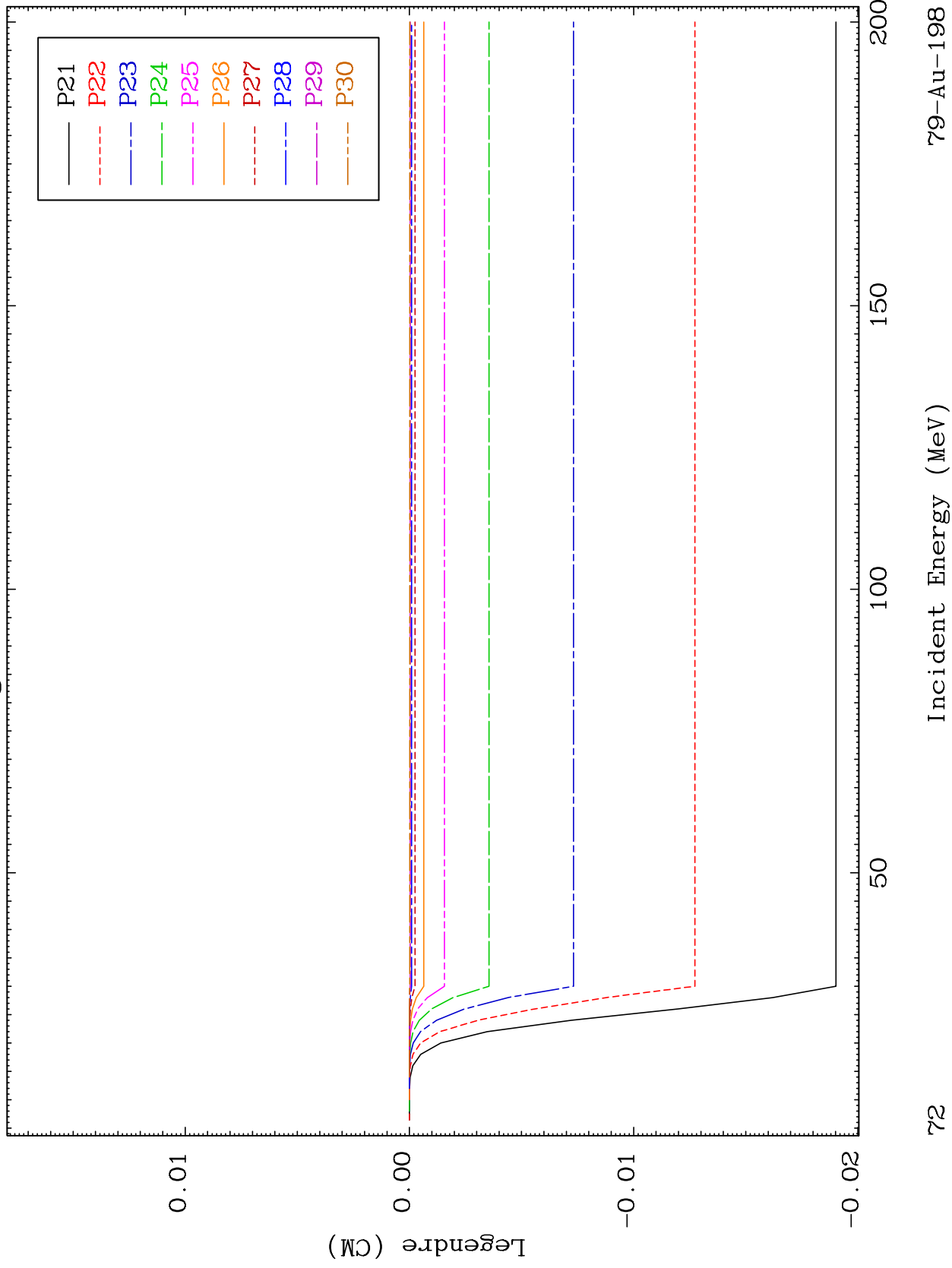
Incident Energy (MeV)

79-Au-198

MAT 7928

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

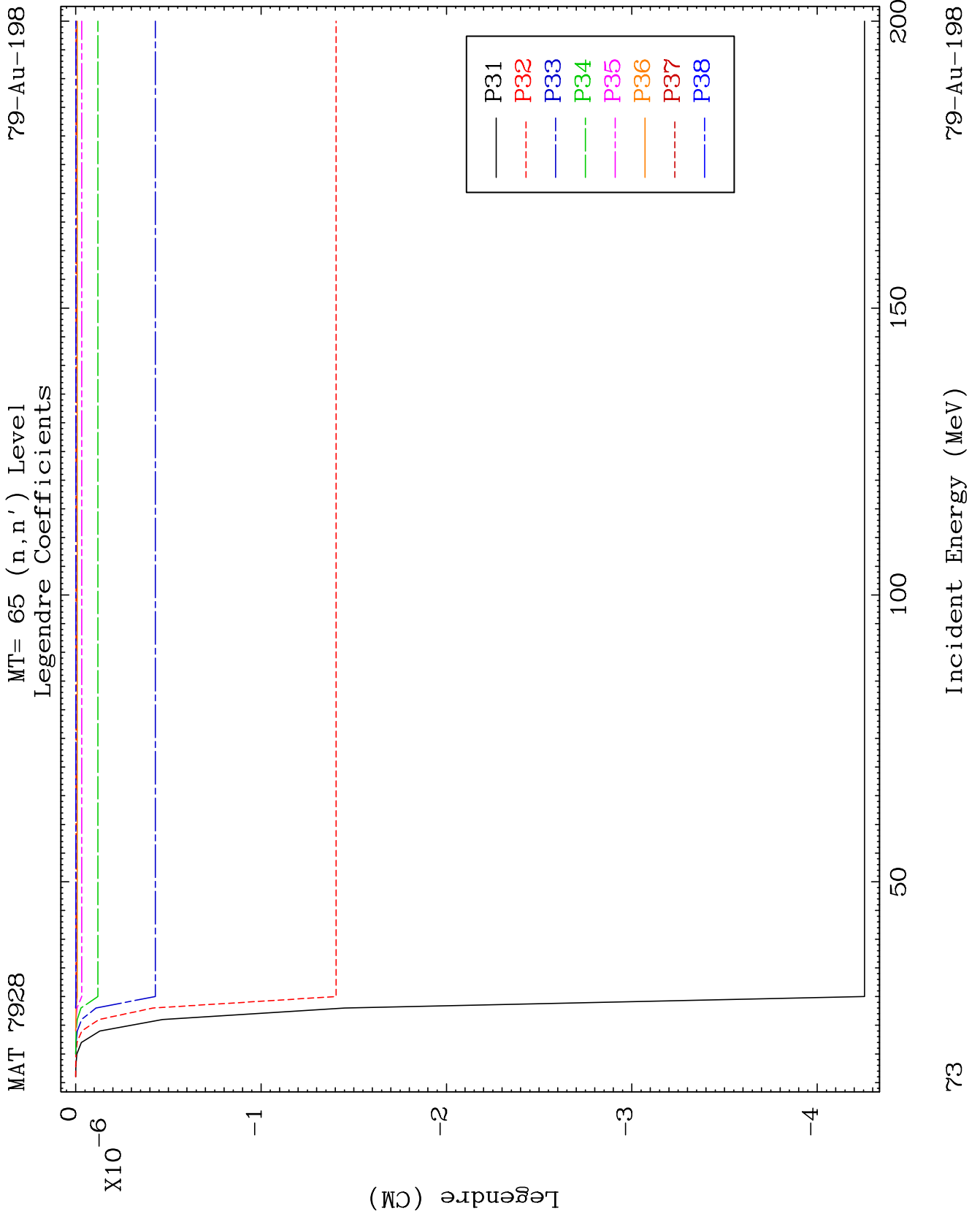
79-Au-198



72

Incident Energy (MeV)

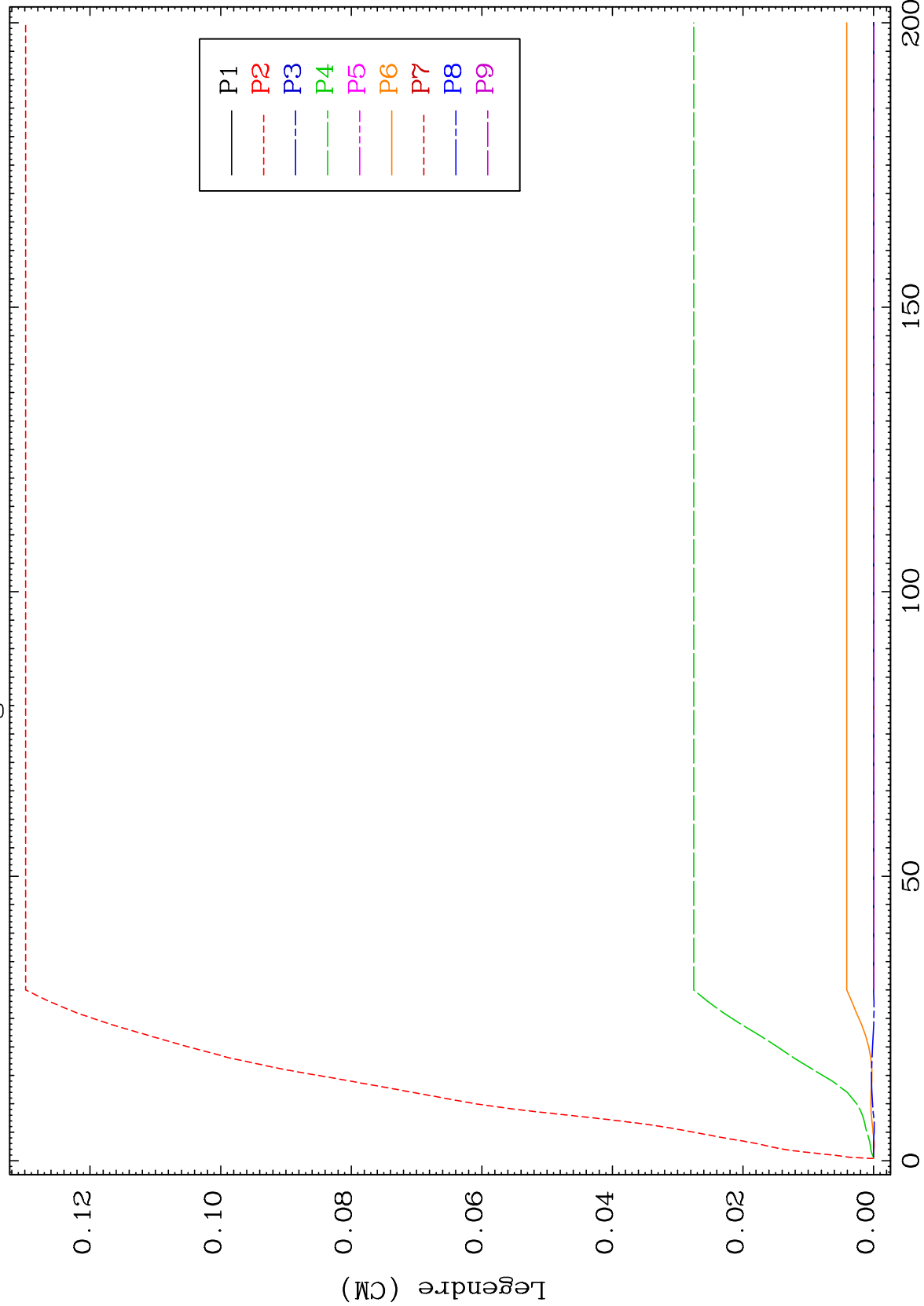
79-Au-198



MAT 7928

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

79-Au-198



74

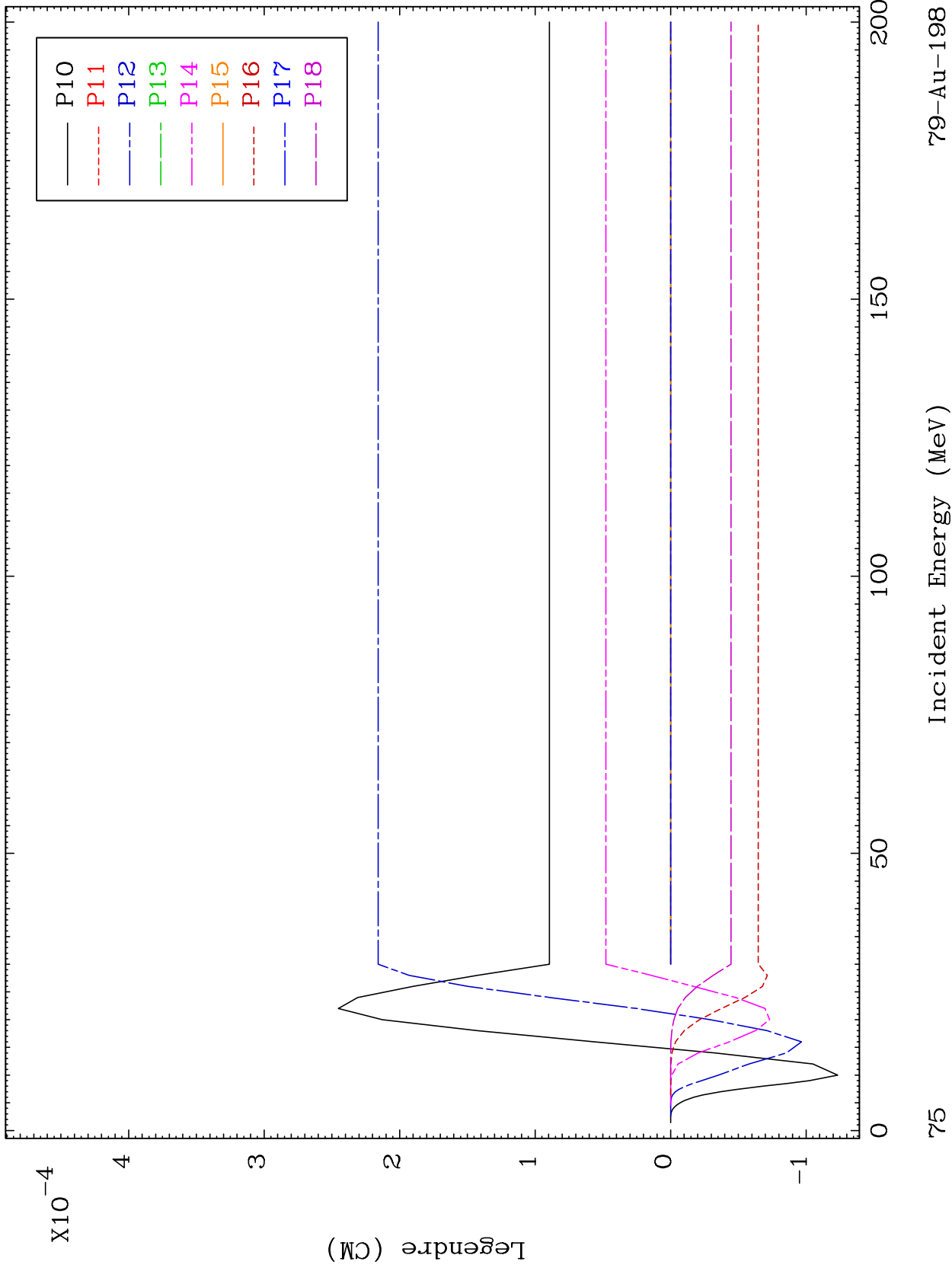
Incident Energy (MeV)

79-Au-198

MAT 7928

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

79-Au-198



79-Au-198

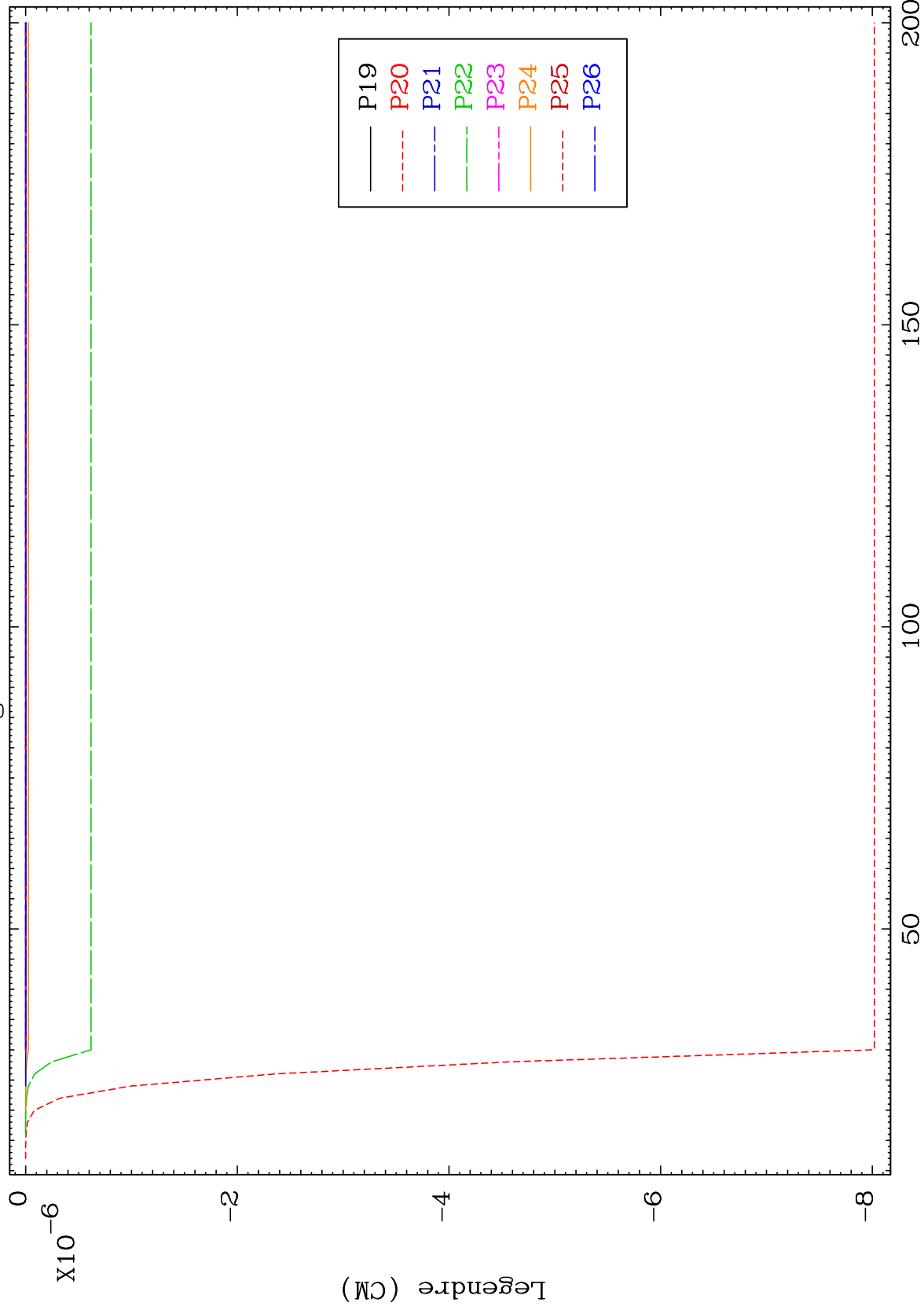
Incident Energy (MeV)

75

MAT 7928

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

79-Au-198



76

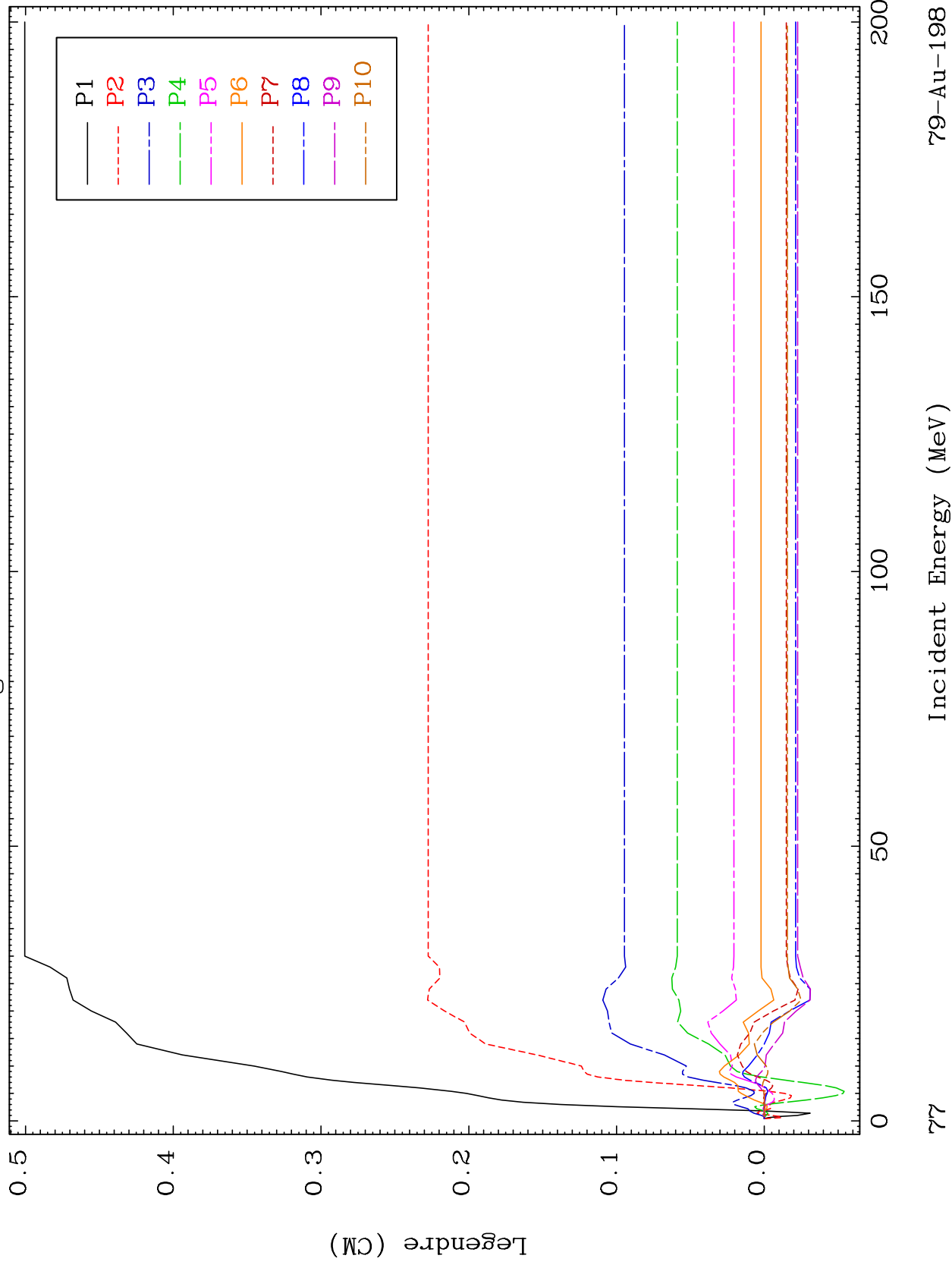
Incident Energy (MeV)

79-Au-198

MAT 7928

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

79-Au-198



79-Au-198

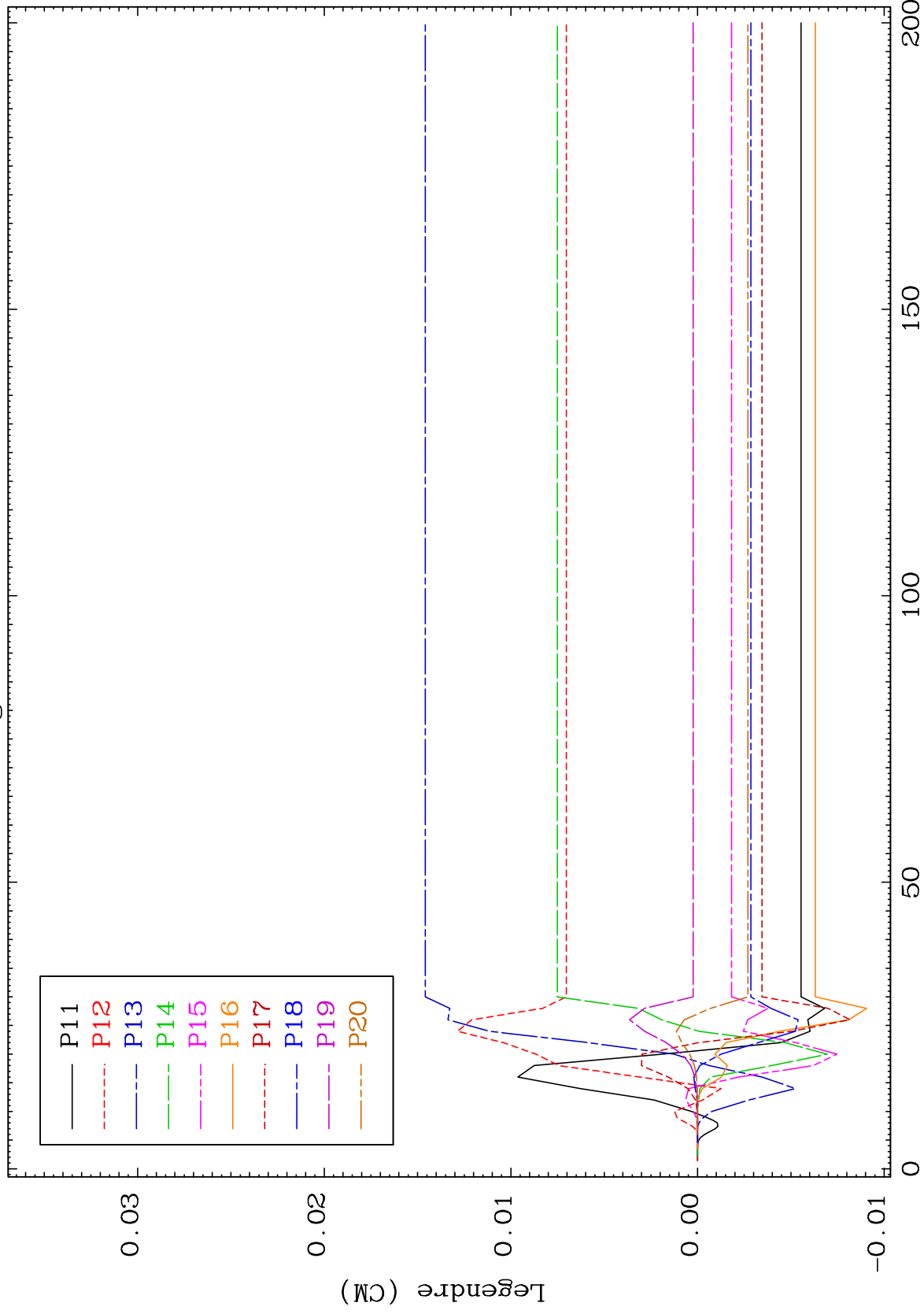
Incident Energy (MeV)

77

MAT 7928

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

79-Au-198



78

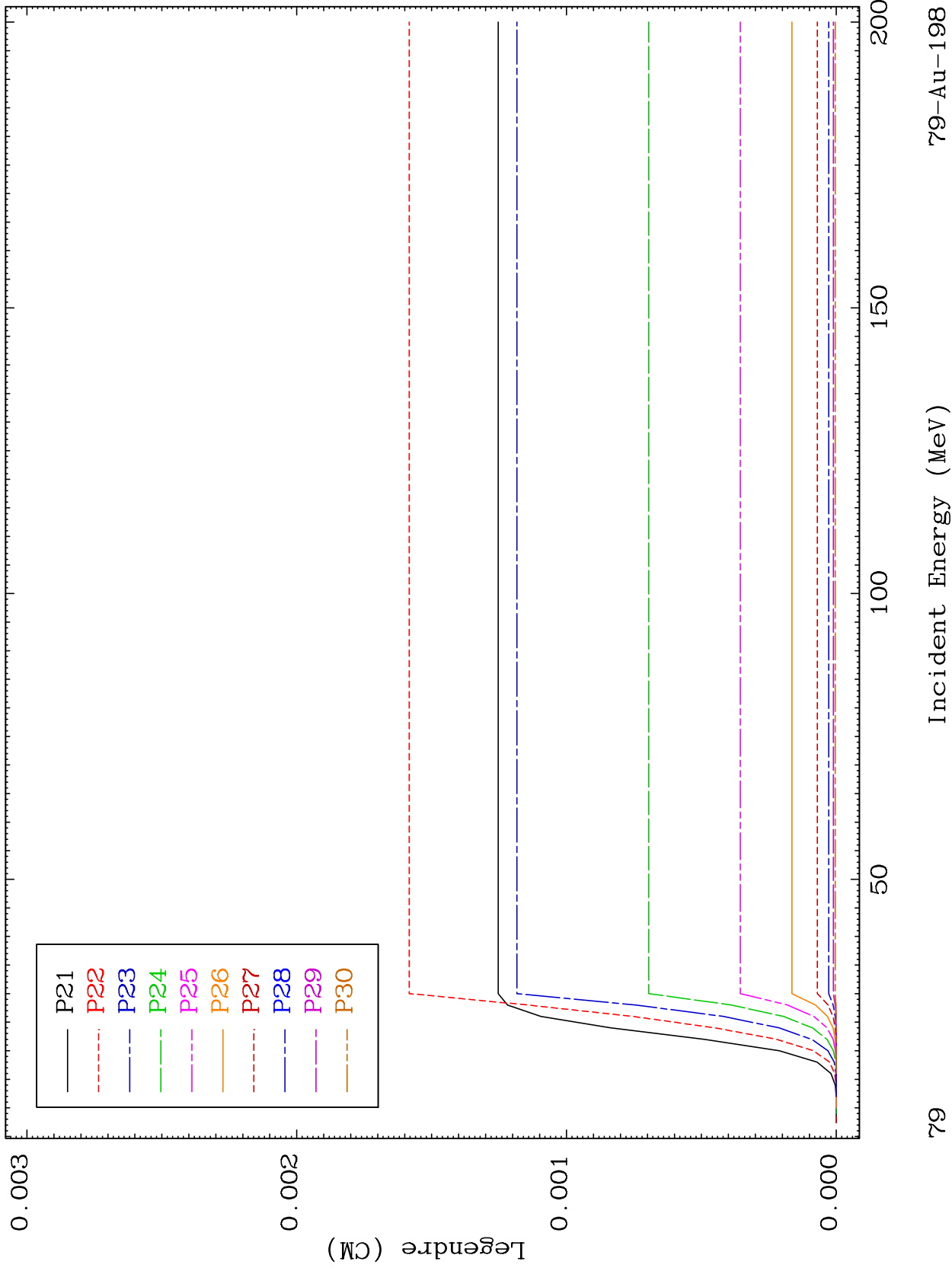
Incident Energy (MeV)

79-Au-198

MAT 7928

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

79-Au-198



79

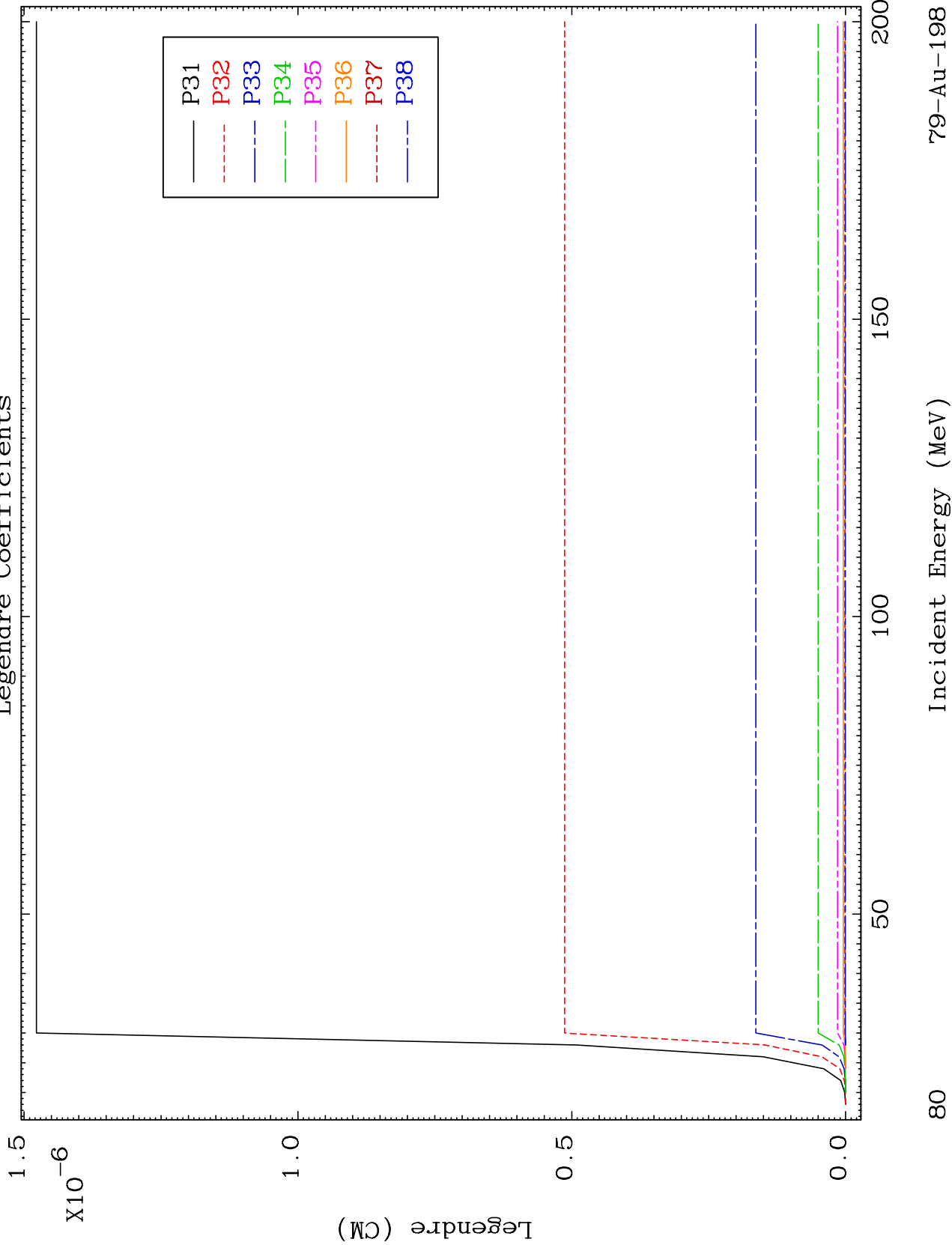
Incident Energy (MeV)

79-Au-198

MAT 7928

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

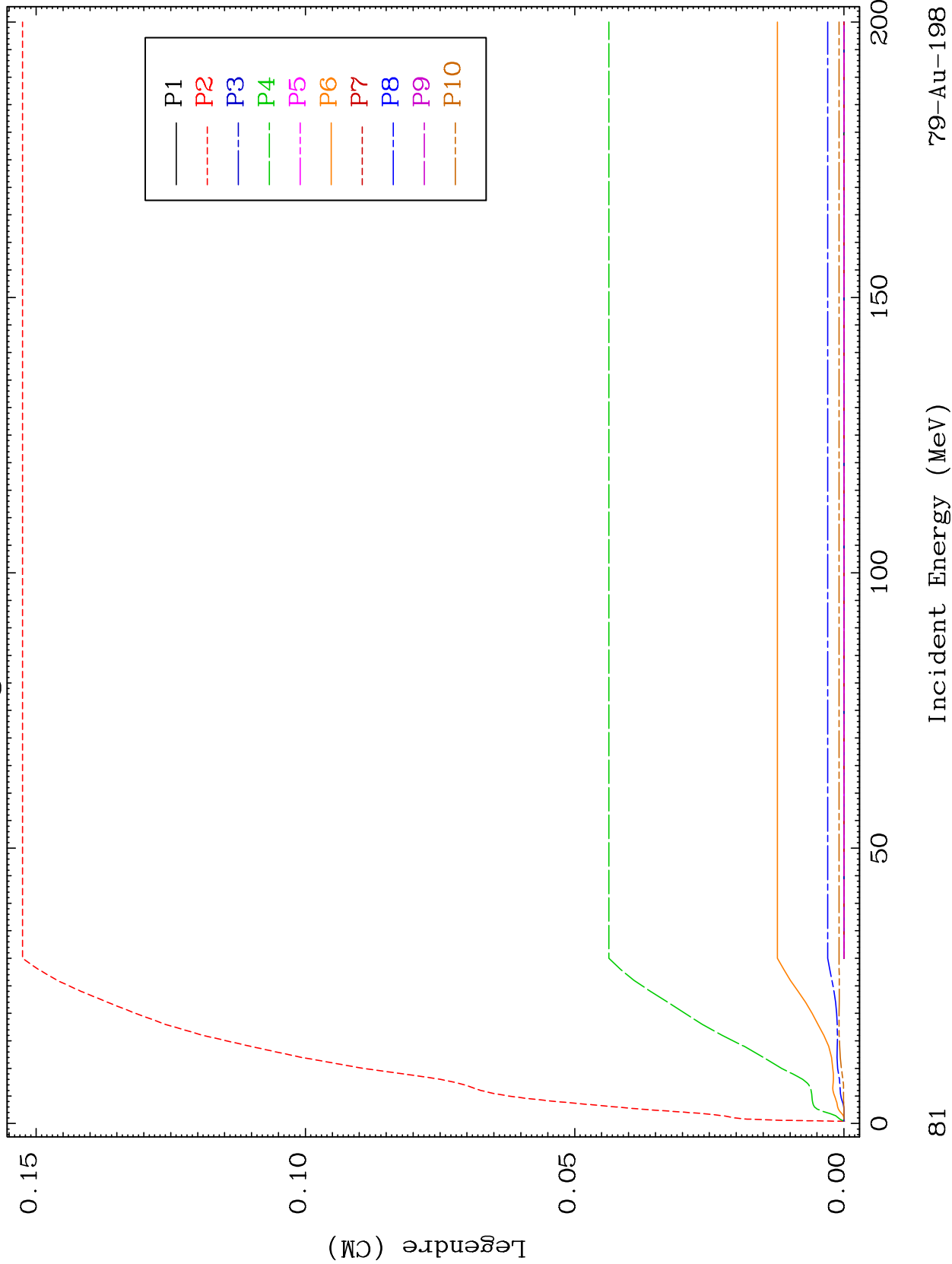
79-Au-198



MAT 7928

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

79-Au-198

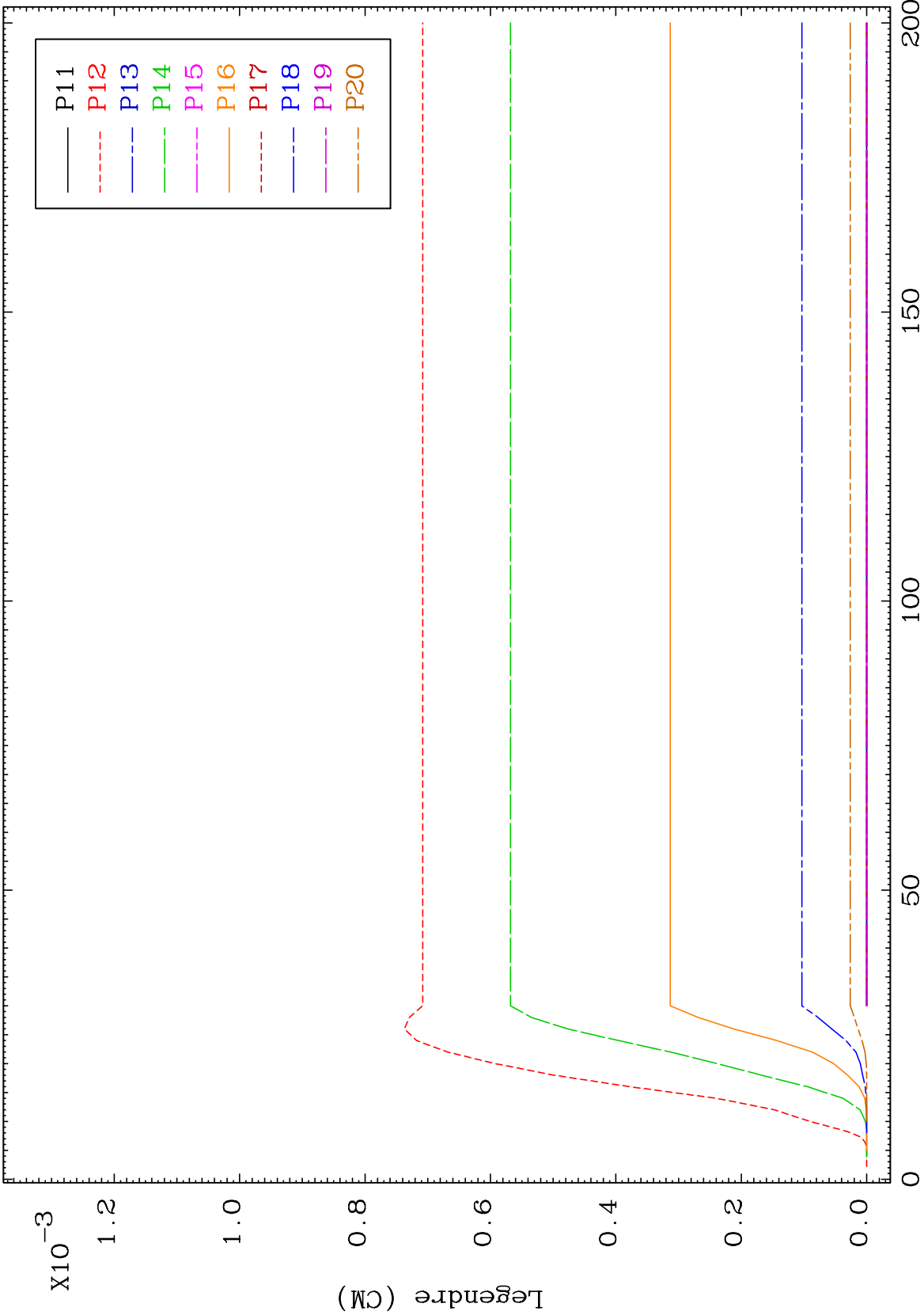


81

MAT 7928

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

79-Au-198



82

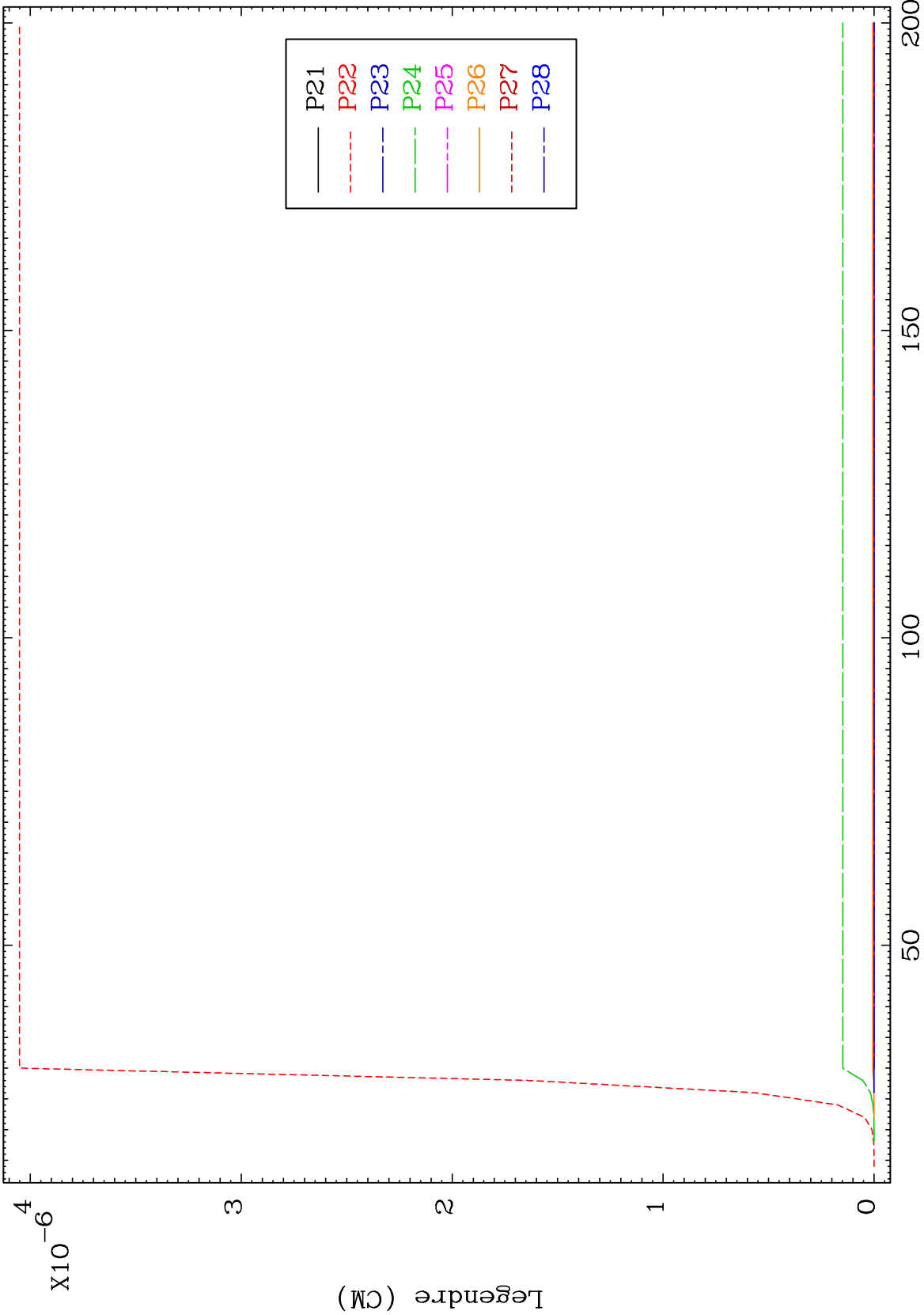
Incident Energy (MeV)

79-Au-198

MAT 7928

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

79-Au-198



83

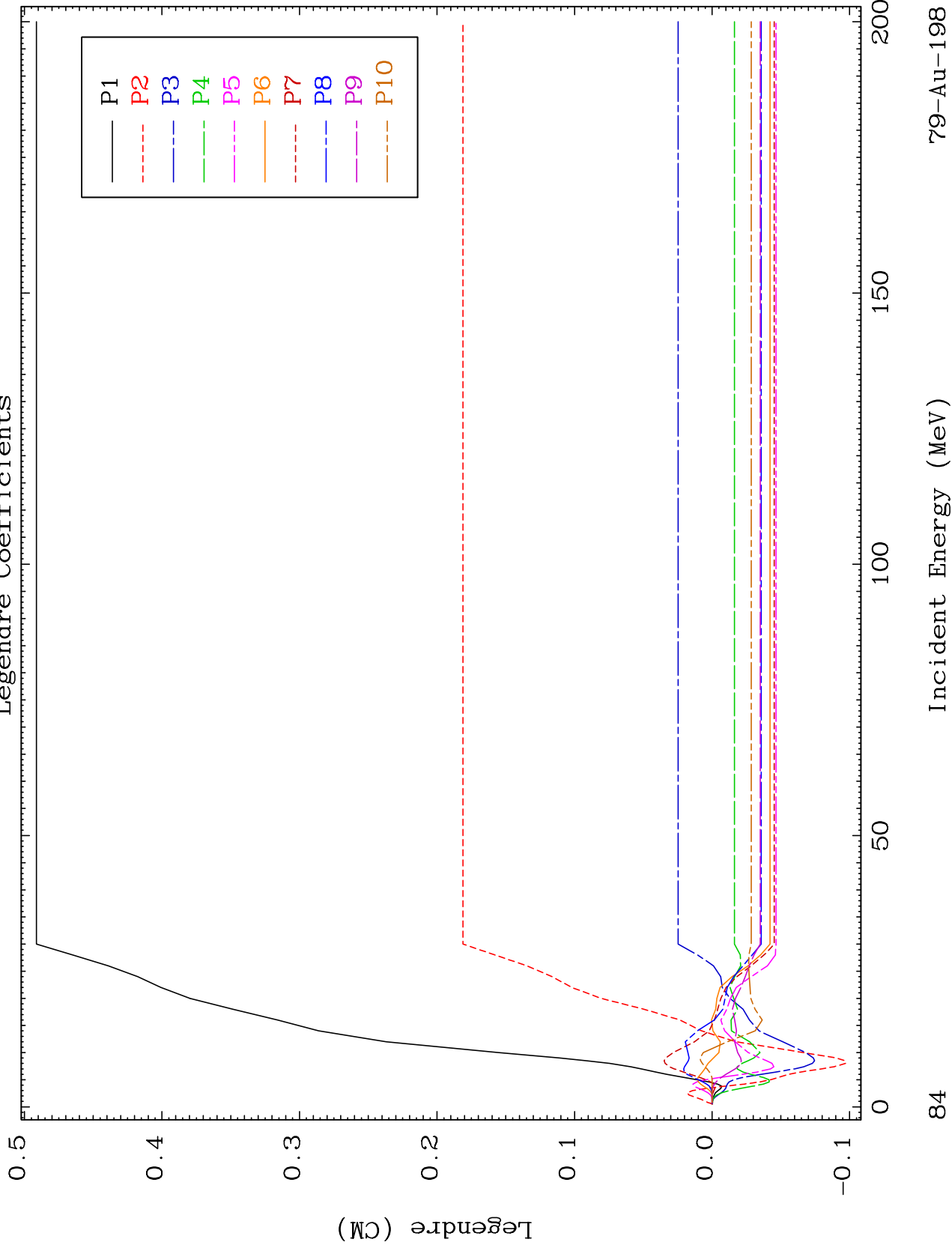
Incident Energy (MeV)

79-Au-198

MAT 7928

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

79-Au-198



84

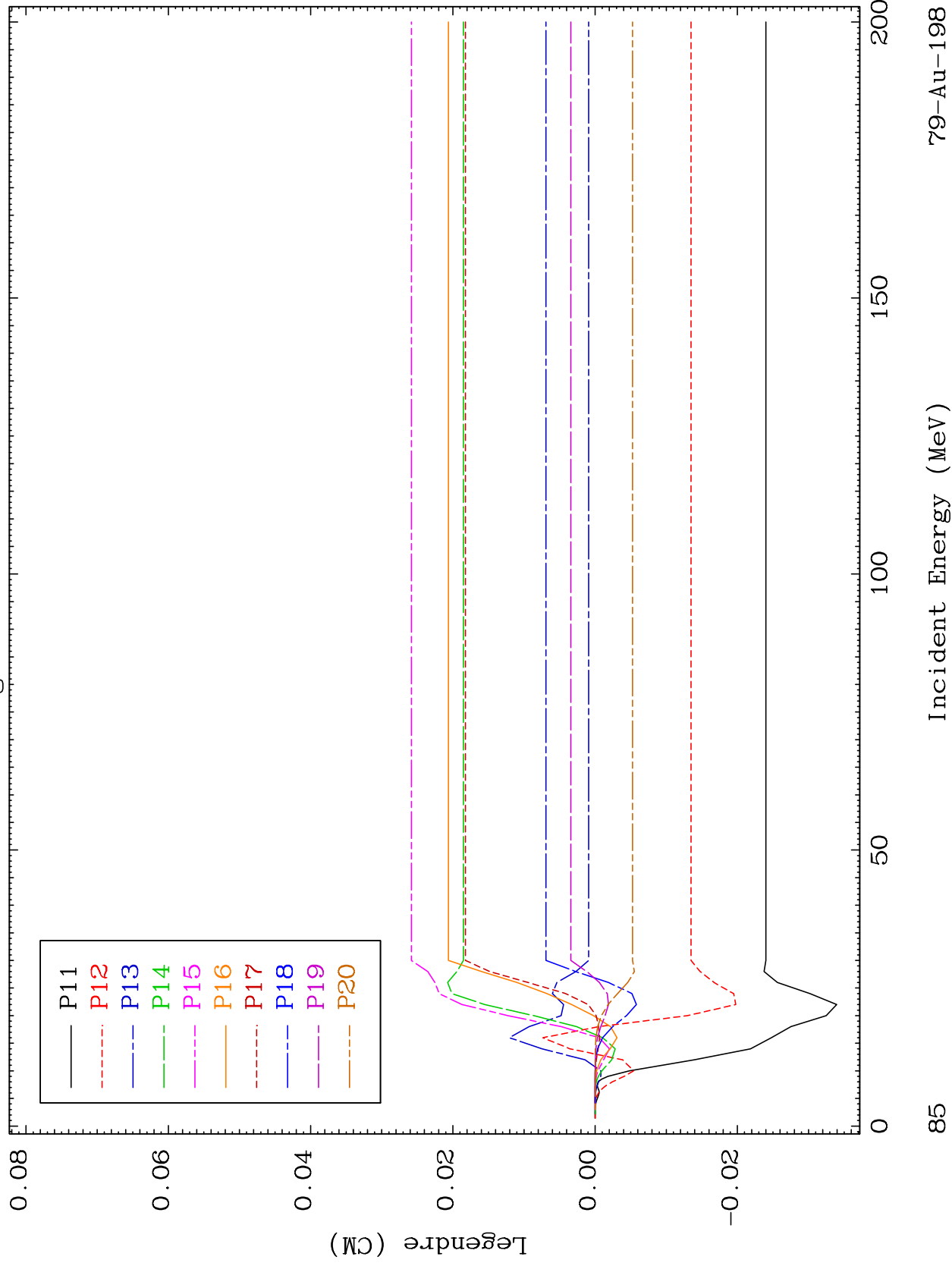
Incident Energy (MeV)

79-Au-198

MAT 7928

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

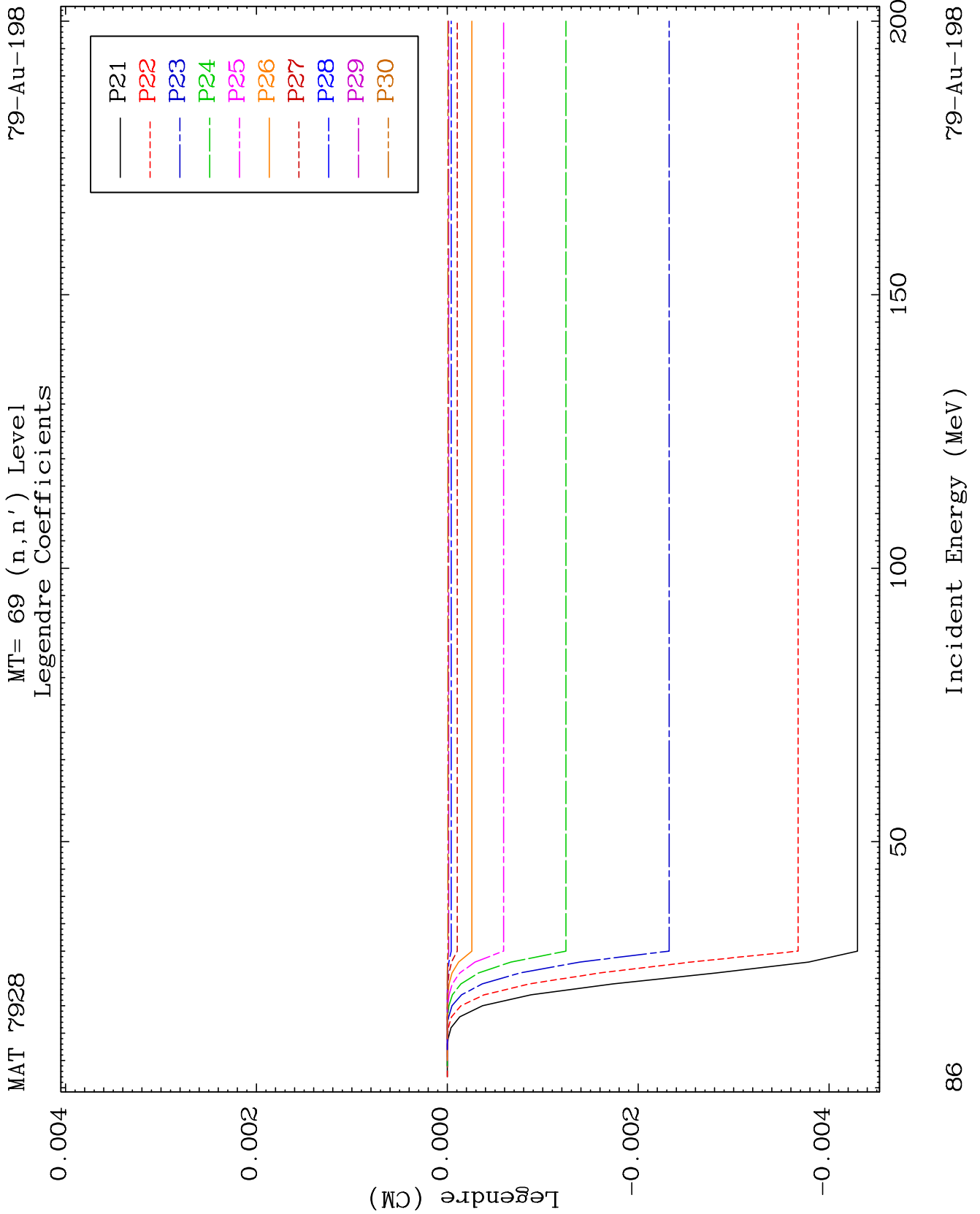
79-Au-198

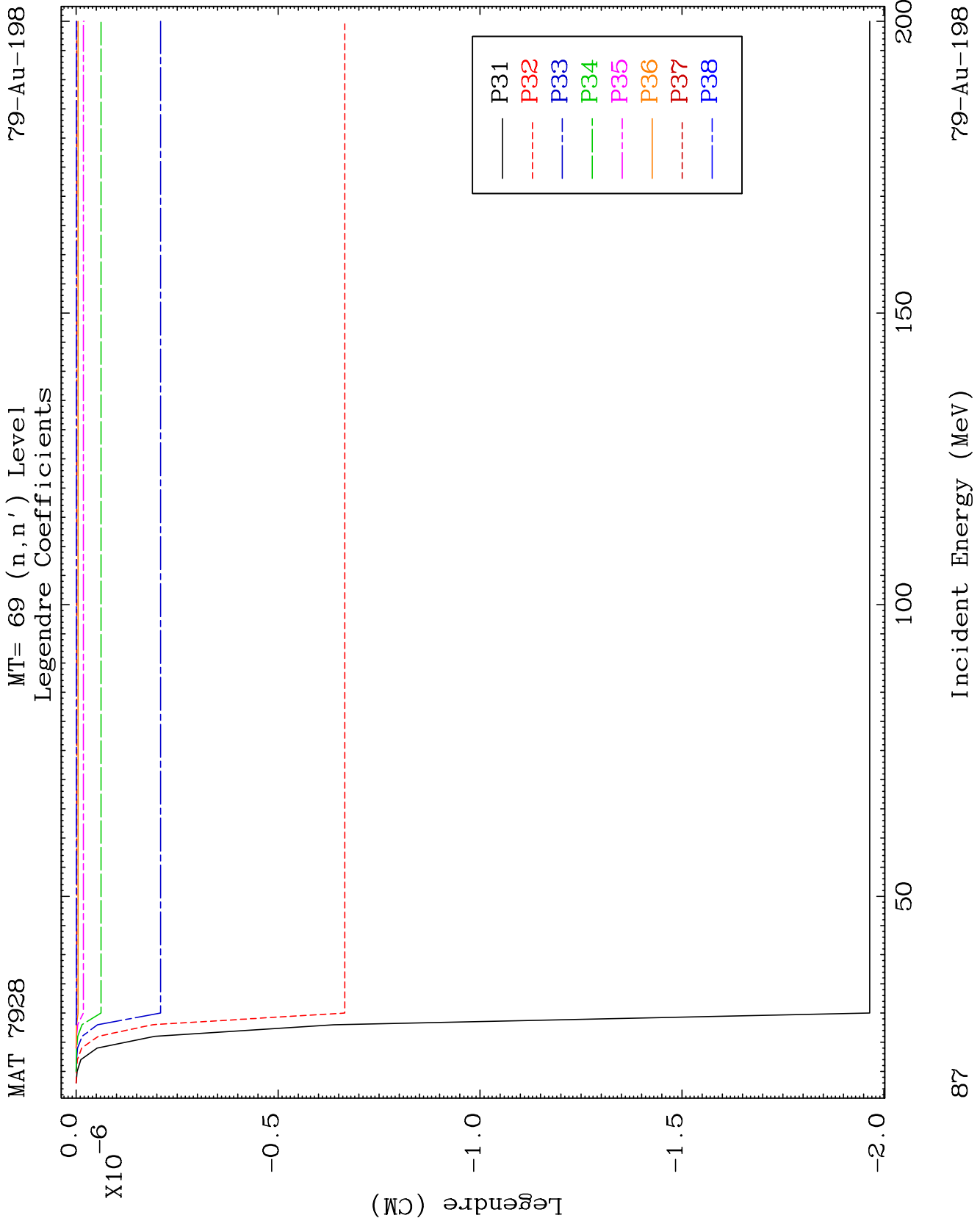


79-Au-198

Incident Energy (MeV)

85

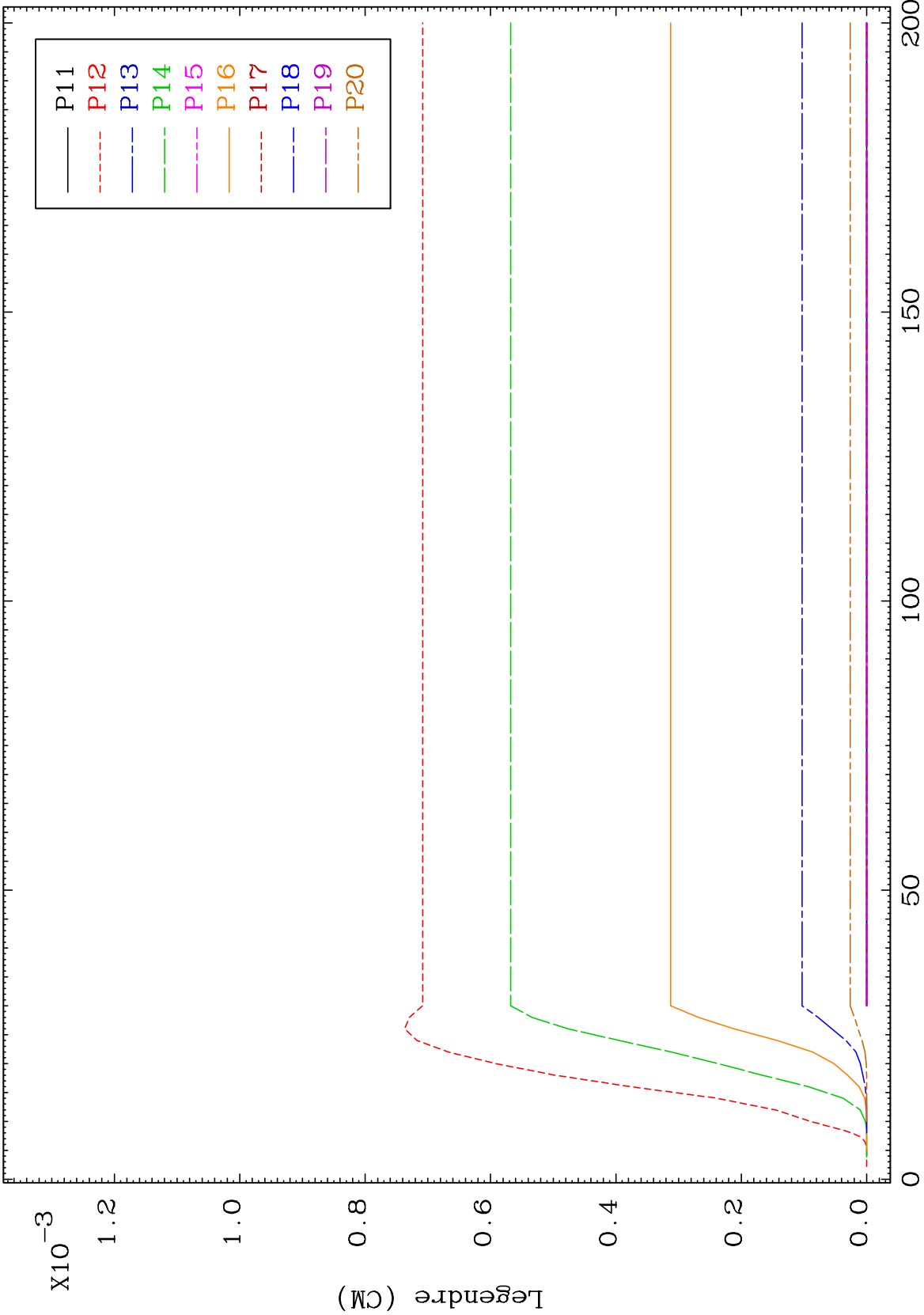




MAT 7928

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

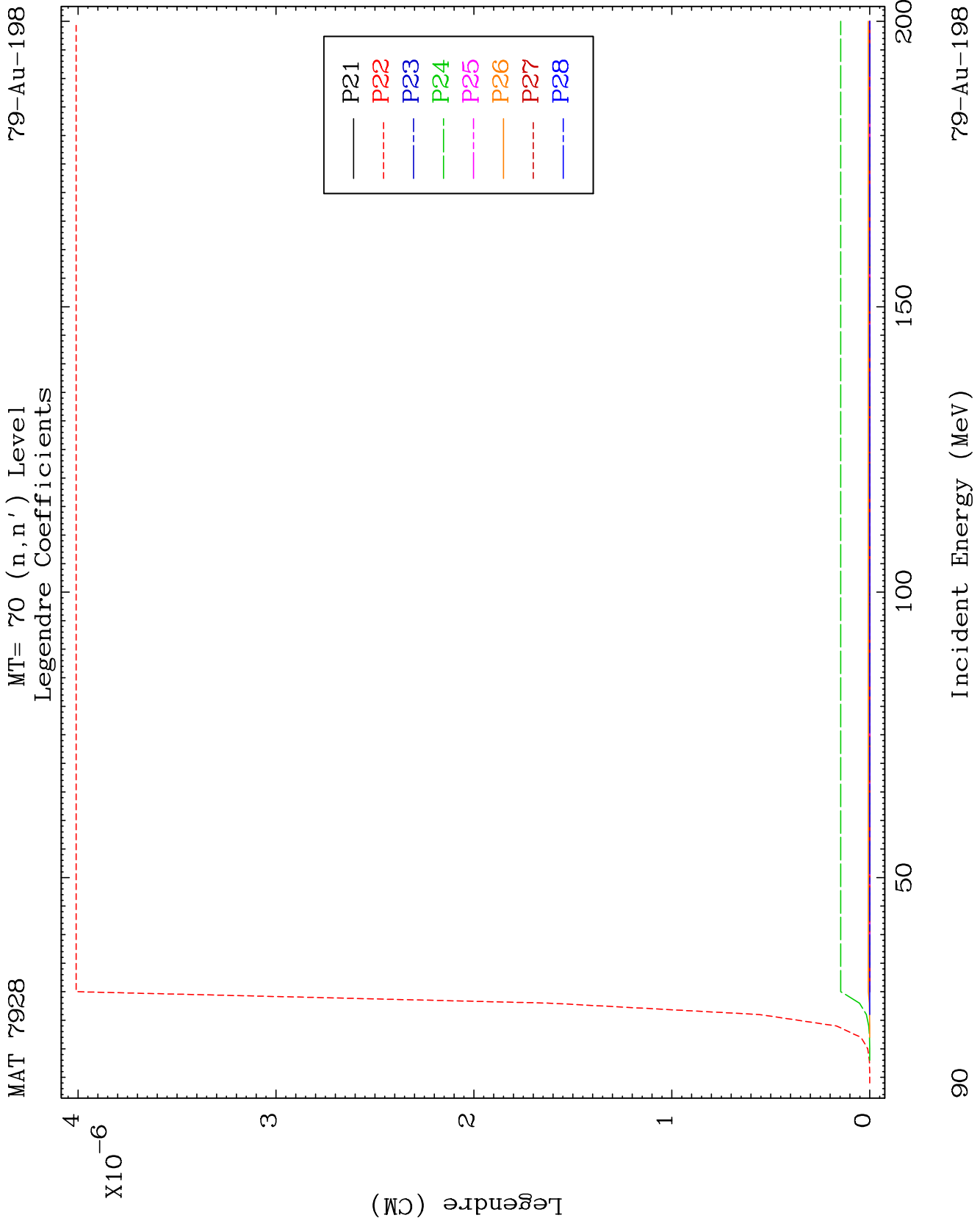
79-Au-198

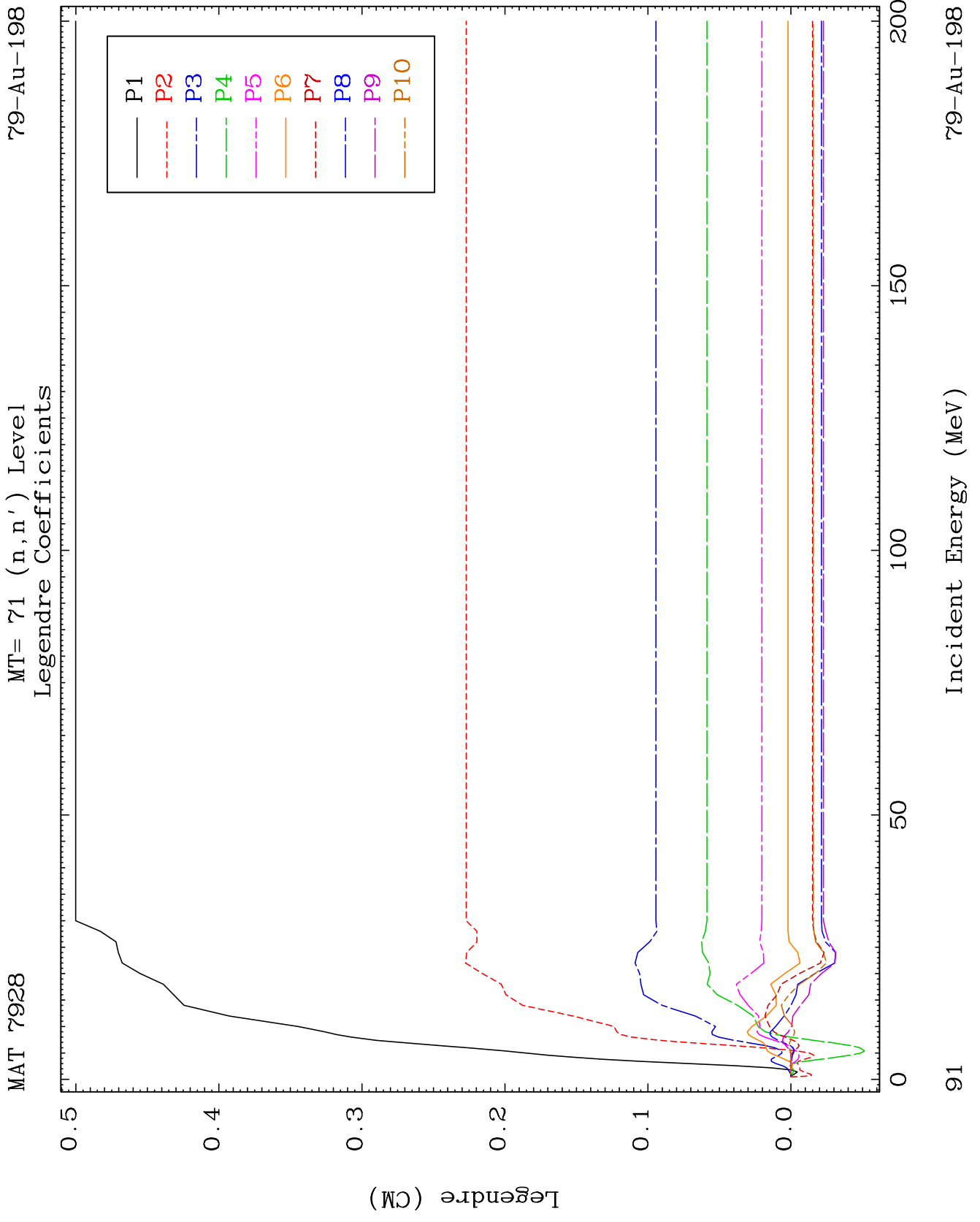


89

Incident Energy (MeV)

79-Au-198

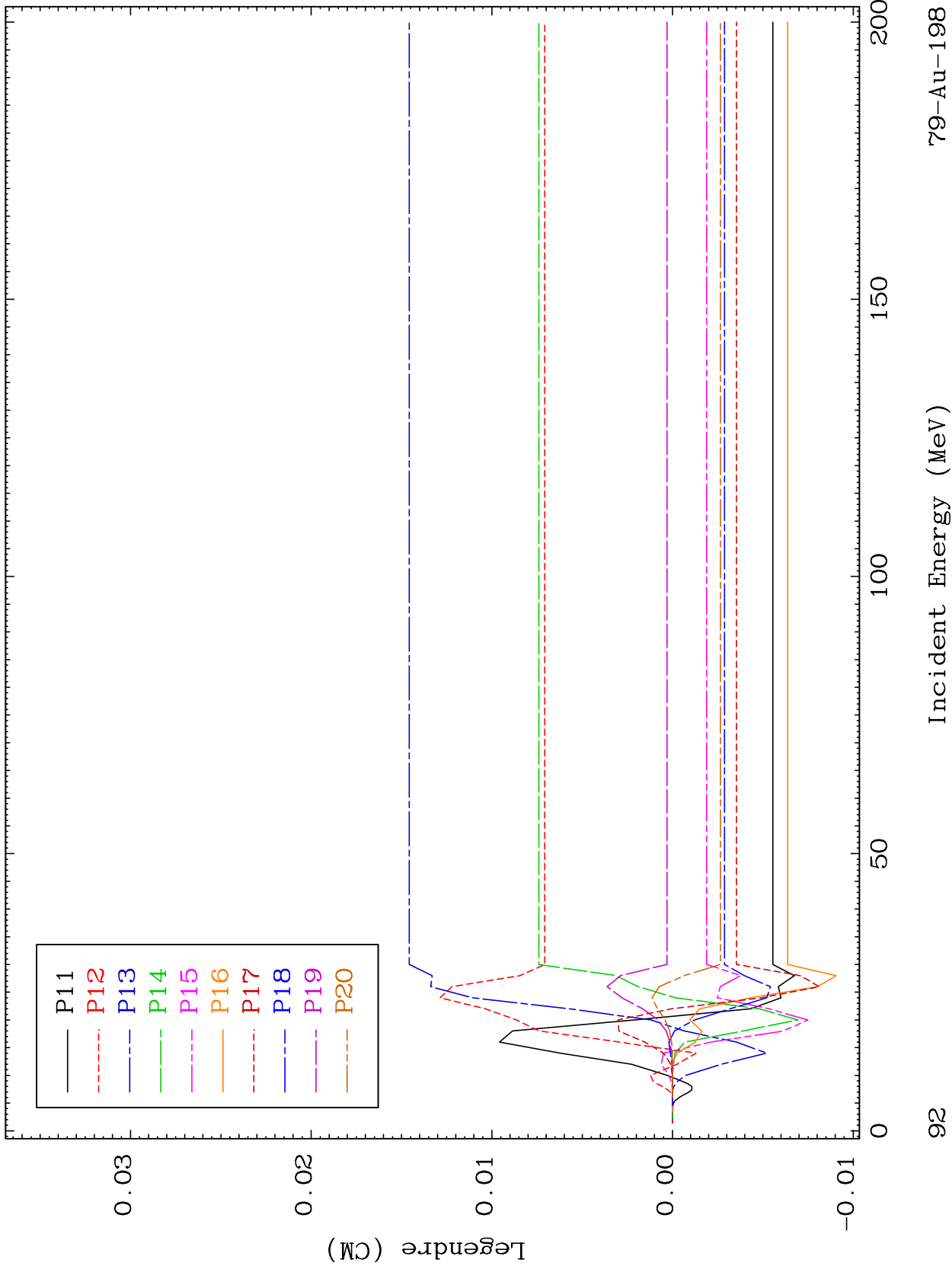




MAT 7928

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

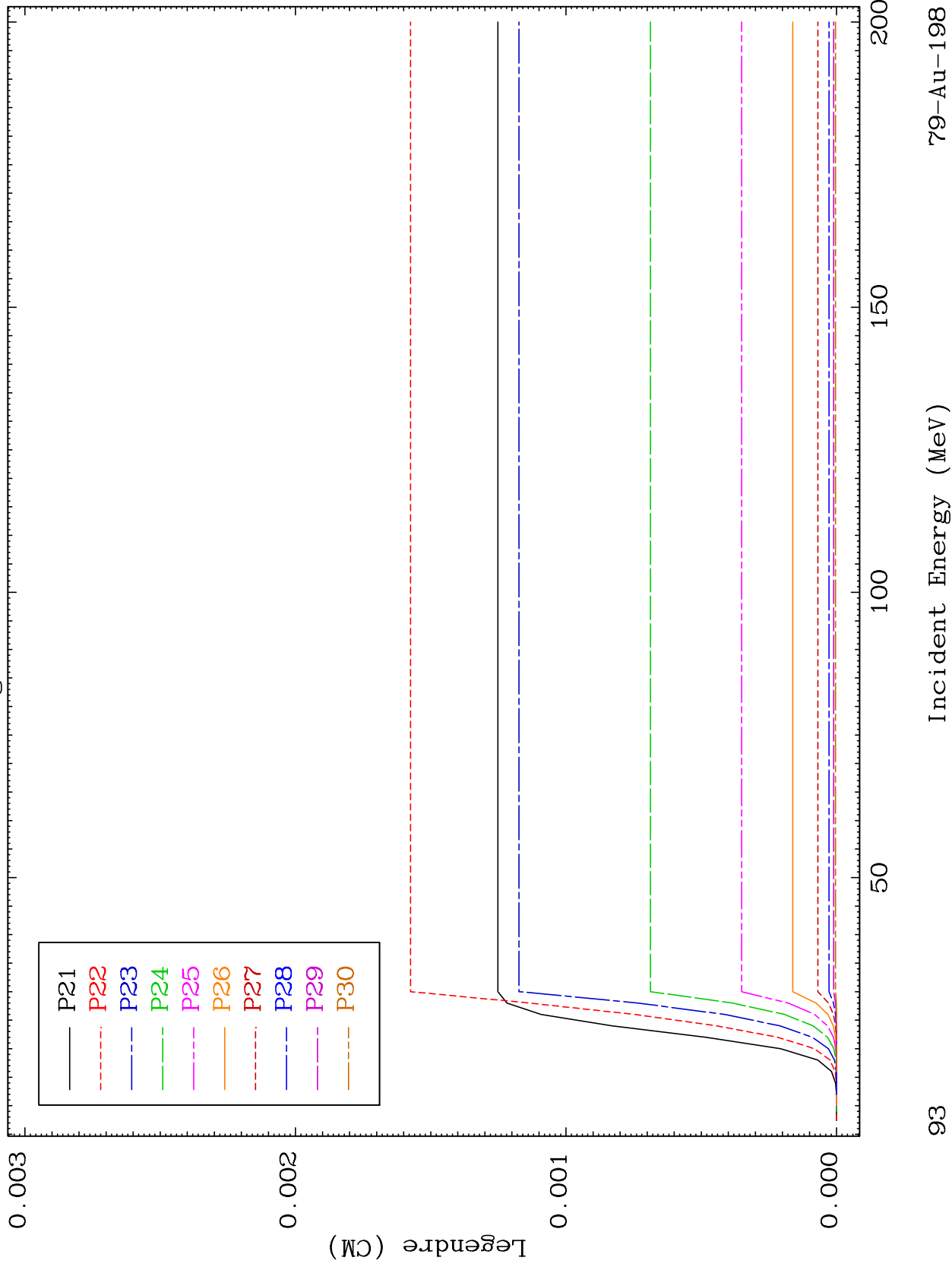
79-Au-198



MAT 7928

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

79-Au-198



93

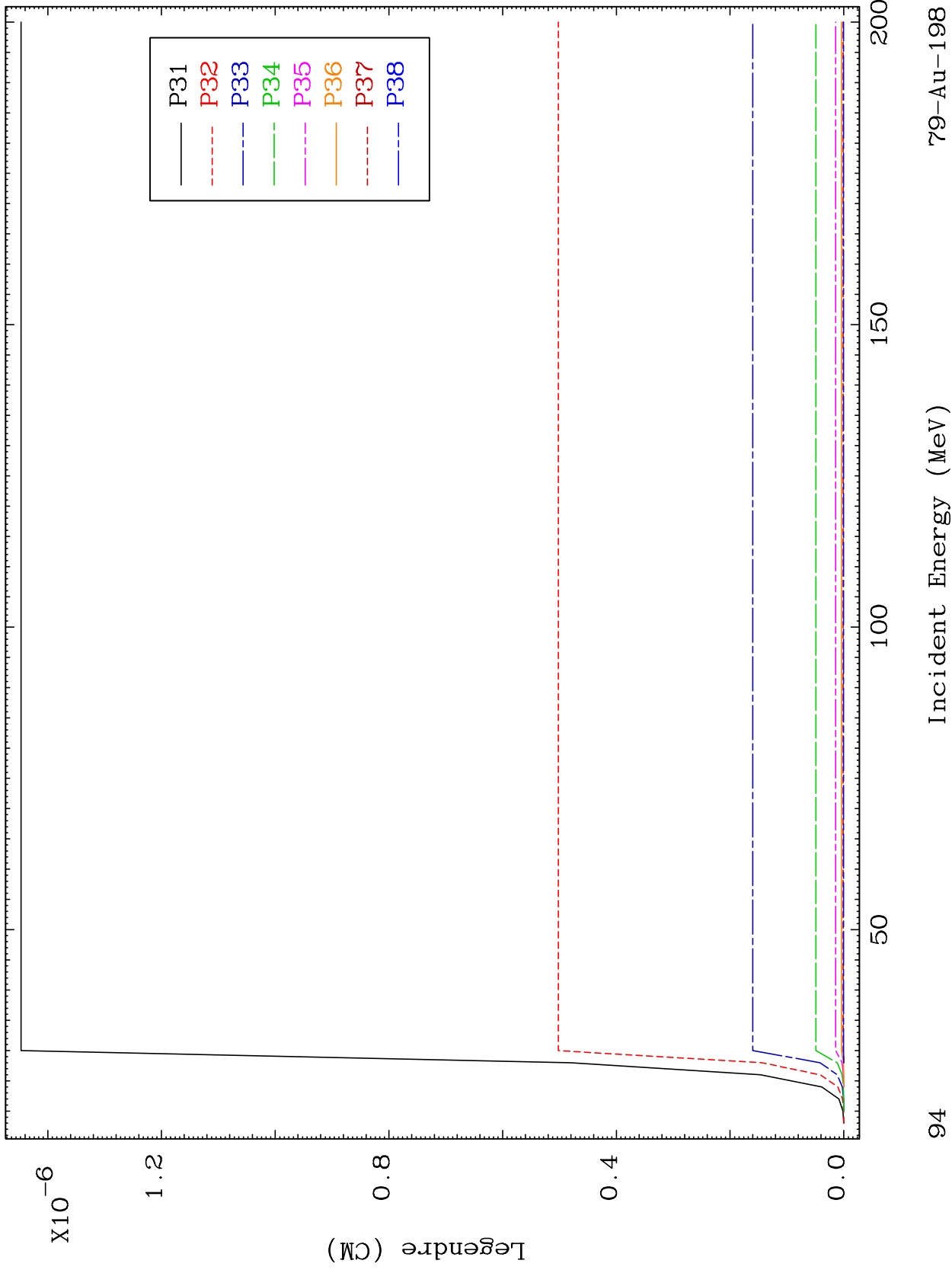
Incident Energy (MeV)

79-Au-198

MAT 7928

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

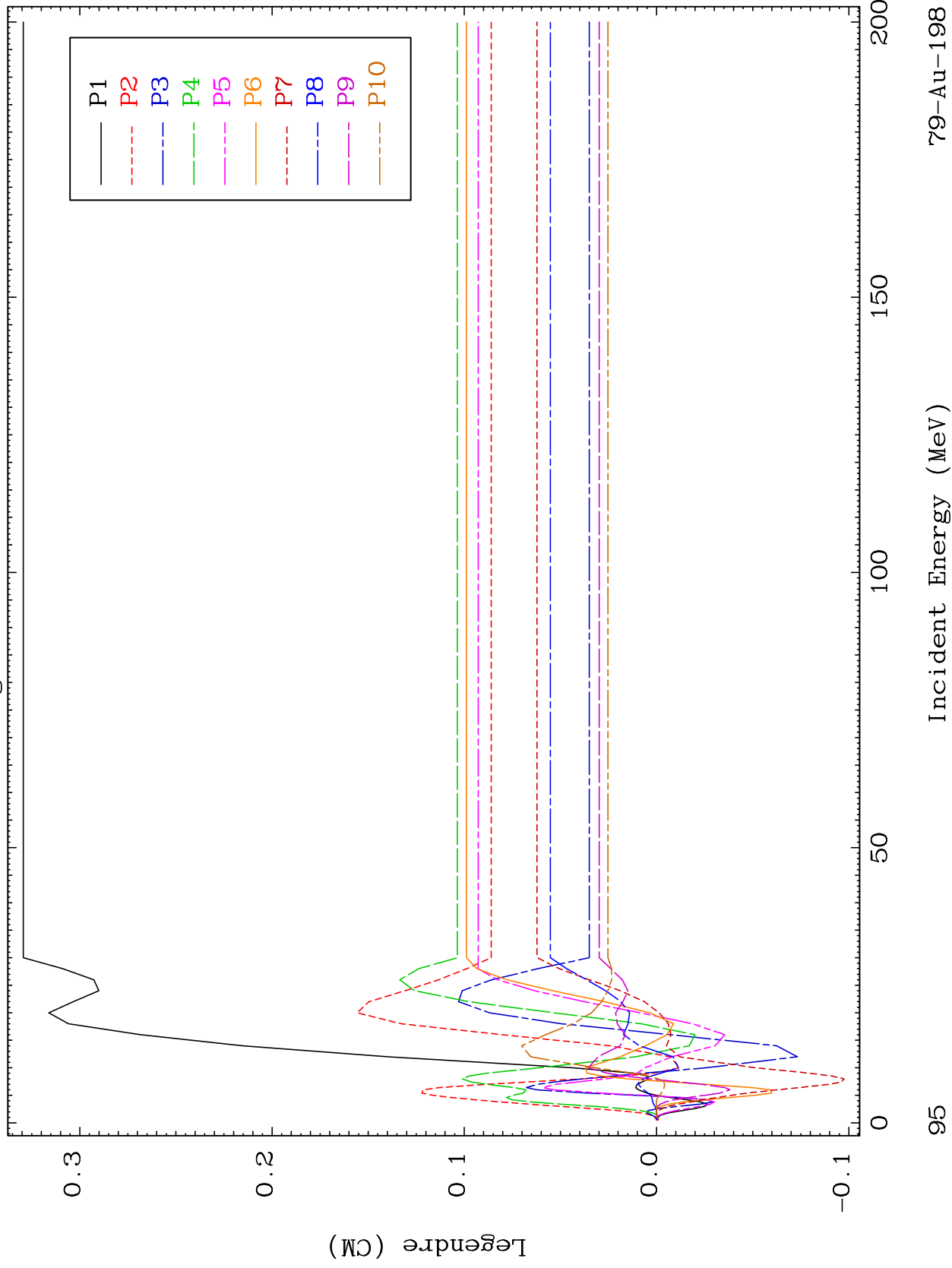
79-Au-198



MAT 7928

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

79-Au-198



79-Au-198

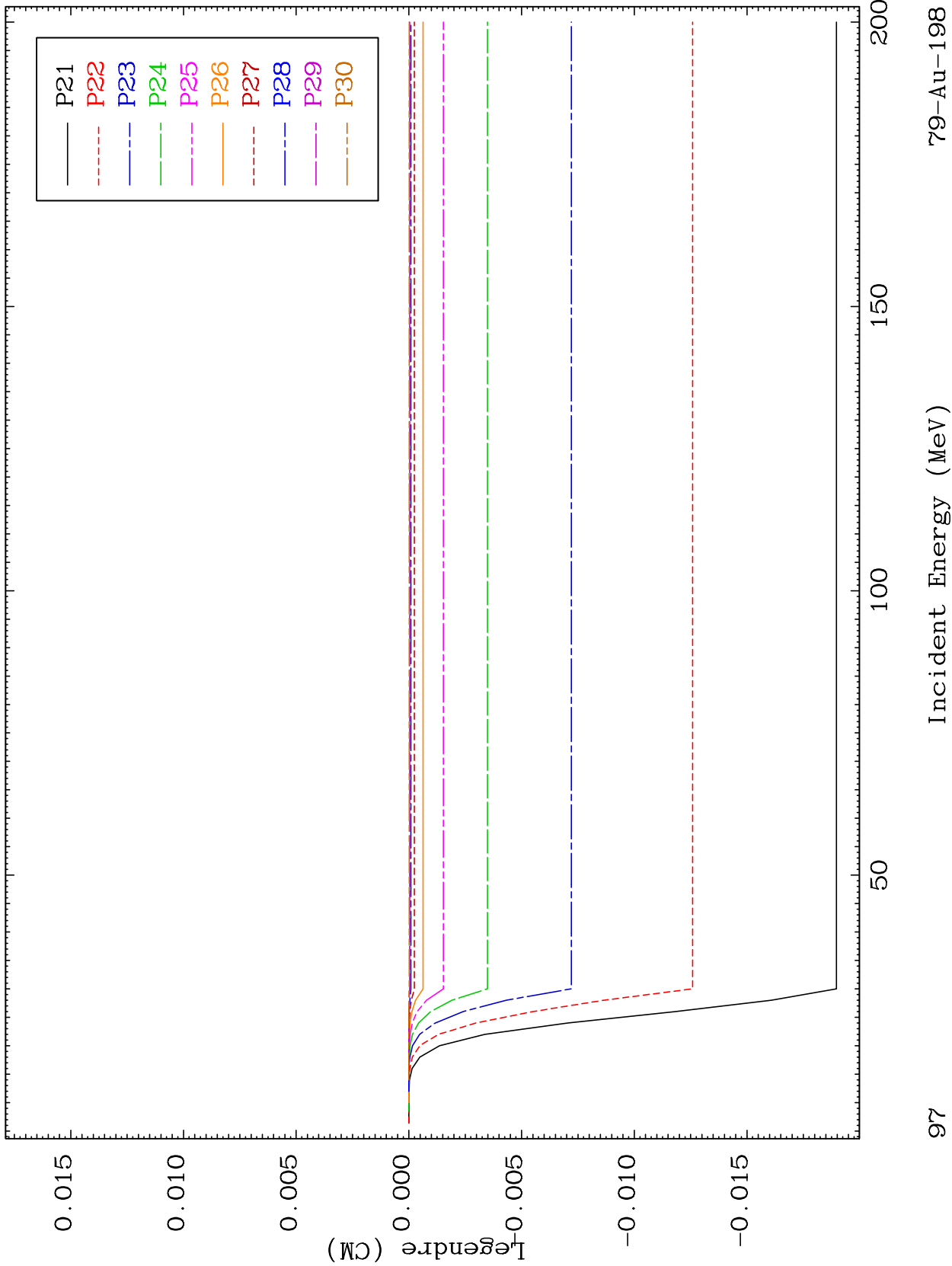
Incident Energy (MeV)

95

MAT 7928

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

79-Au-198



97

Incident Energy (MeV)

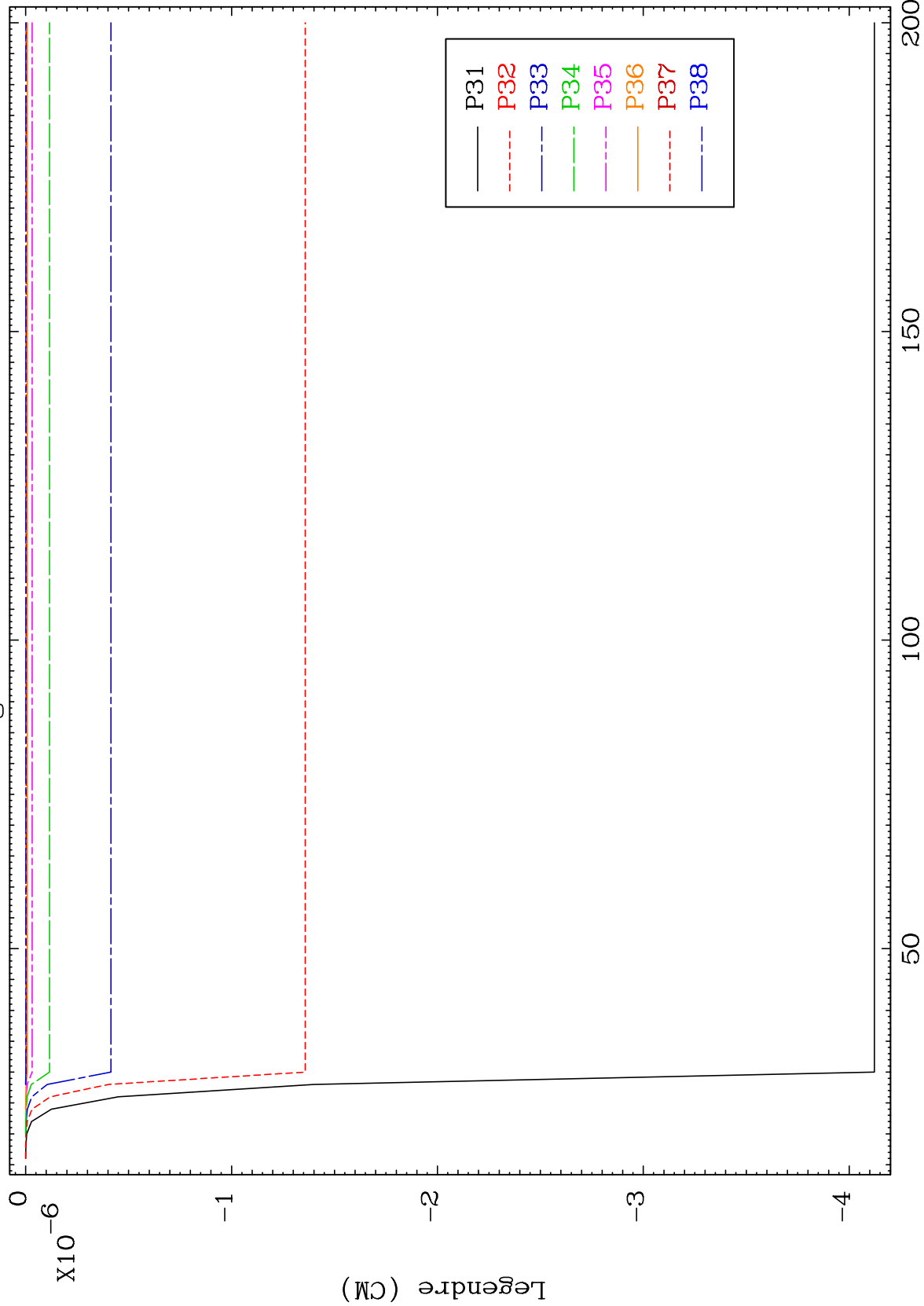
79-Au-198

MAT 7928

MT= 72 (n,n') Level

79-Au-198

Legendre Coefficients



98

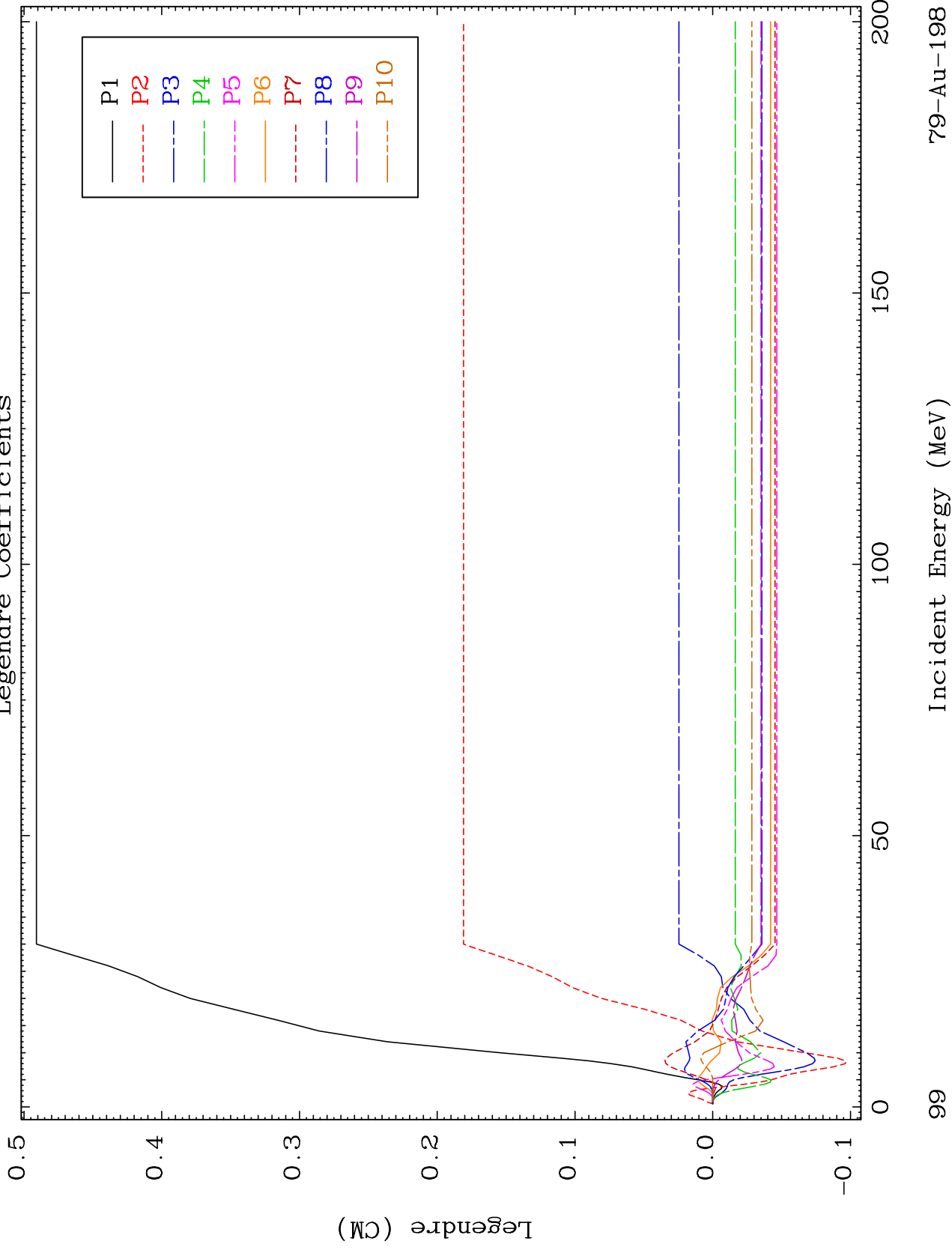
Incident Energy (MeV)

79-Au-198

MAT 7928

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

79-Au-198



79-Au-198

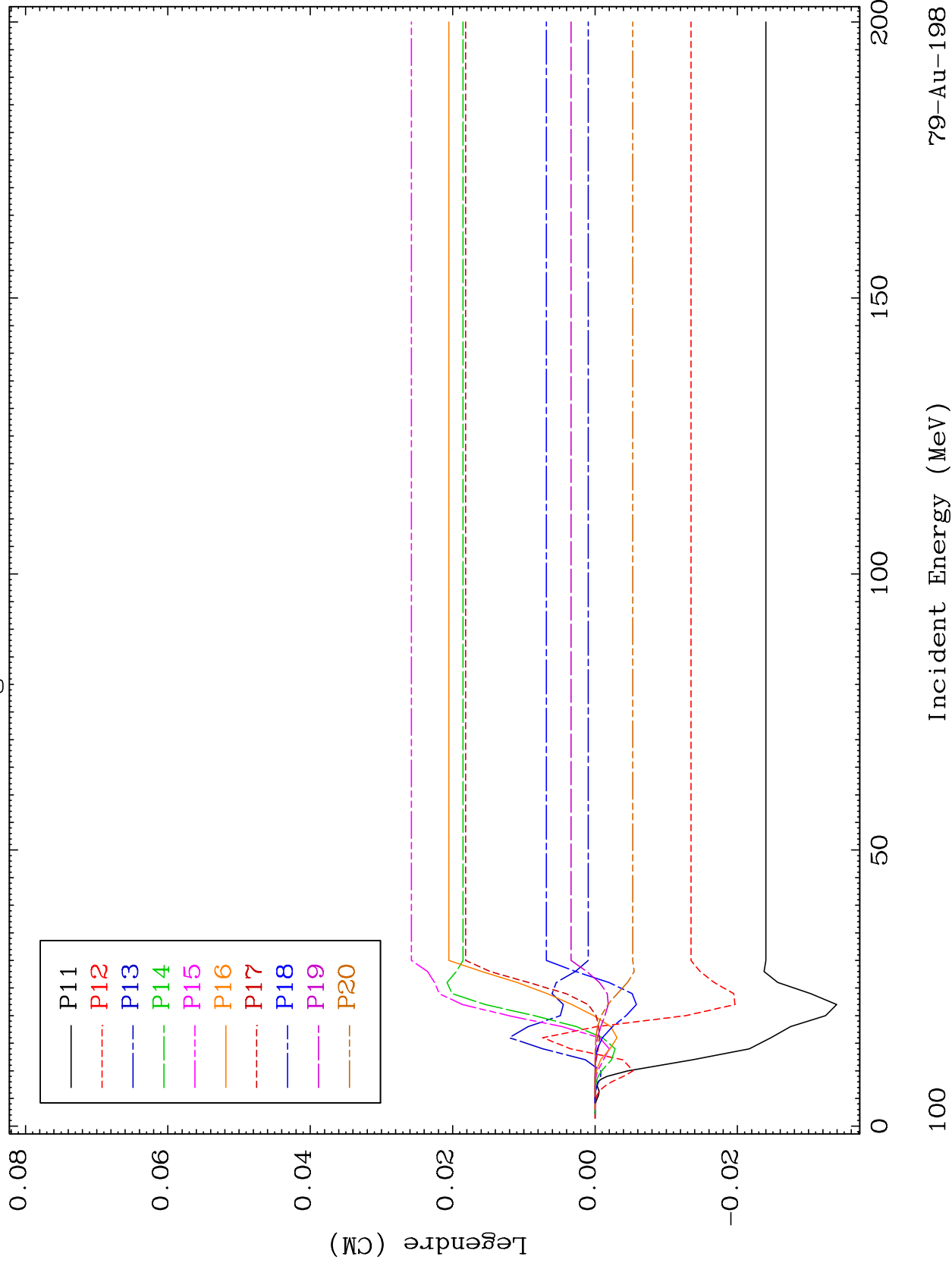
Incident Energy (MeV)

99

MAT 7928

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

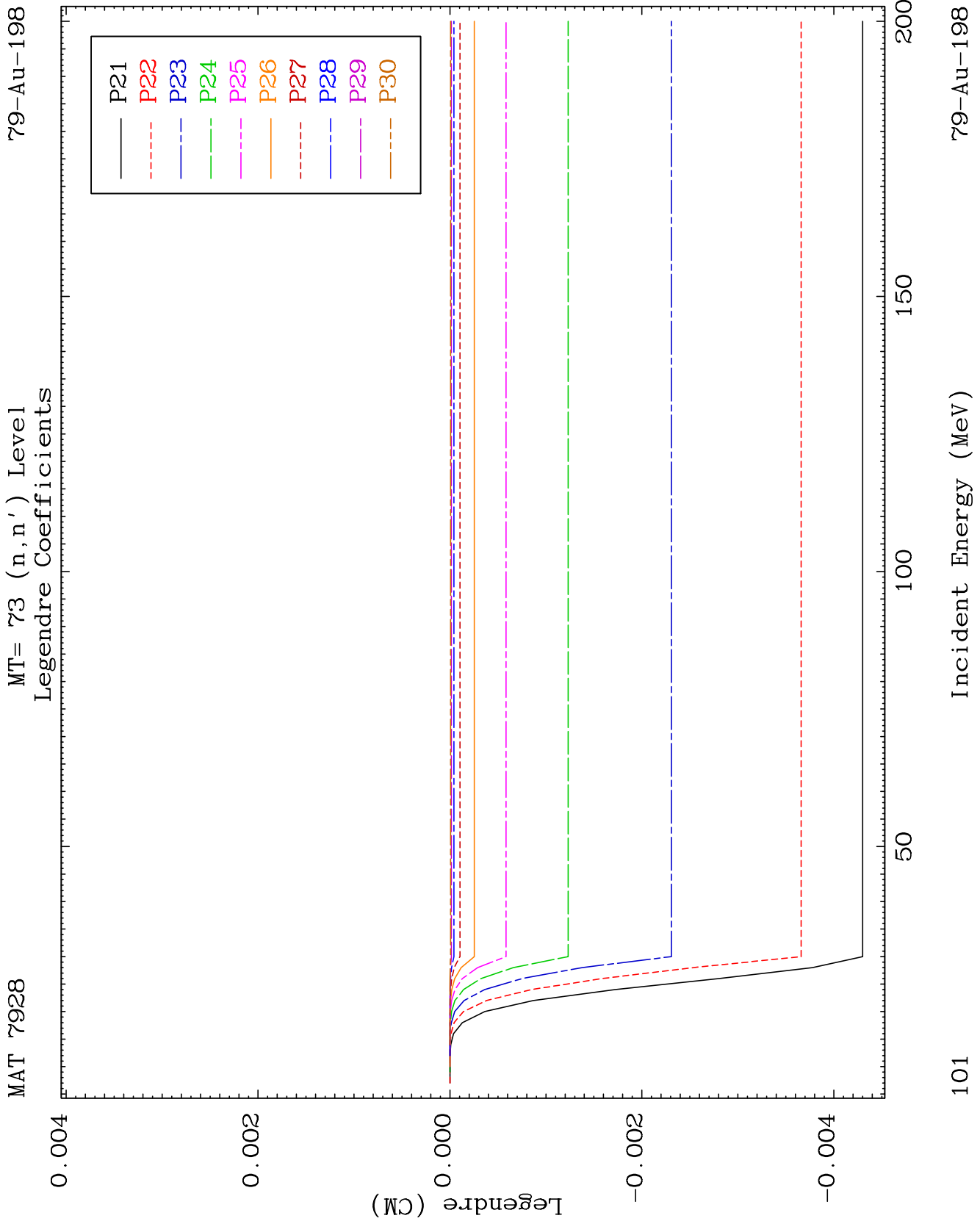
79-Au-198

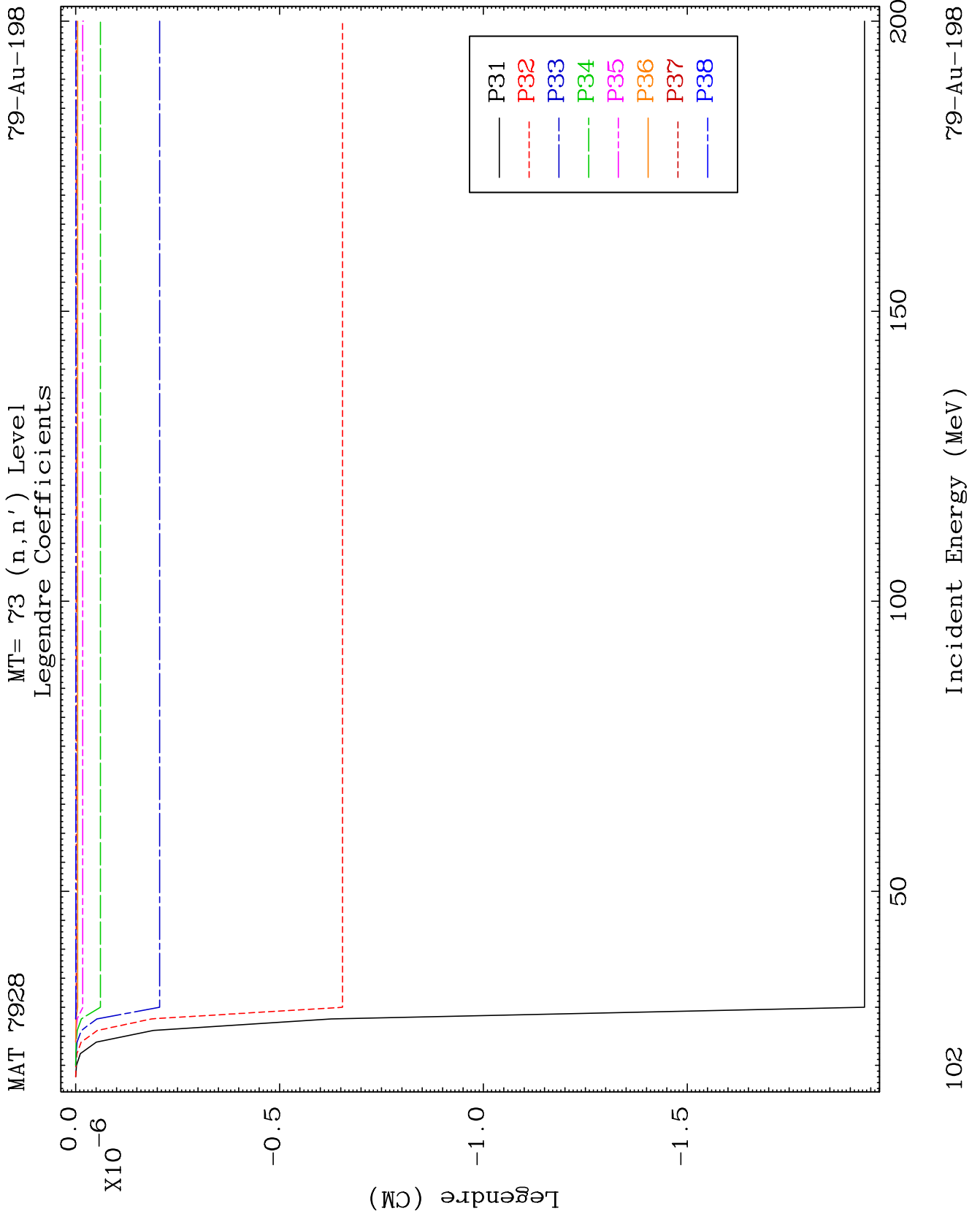


79-Au-198

Incident Energy (MeV)

100

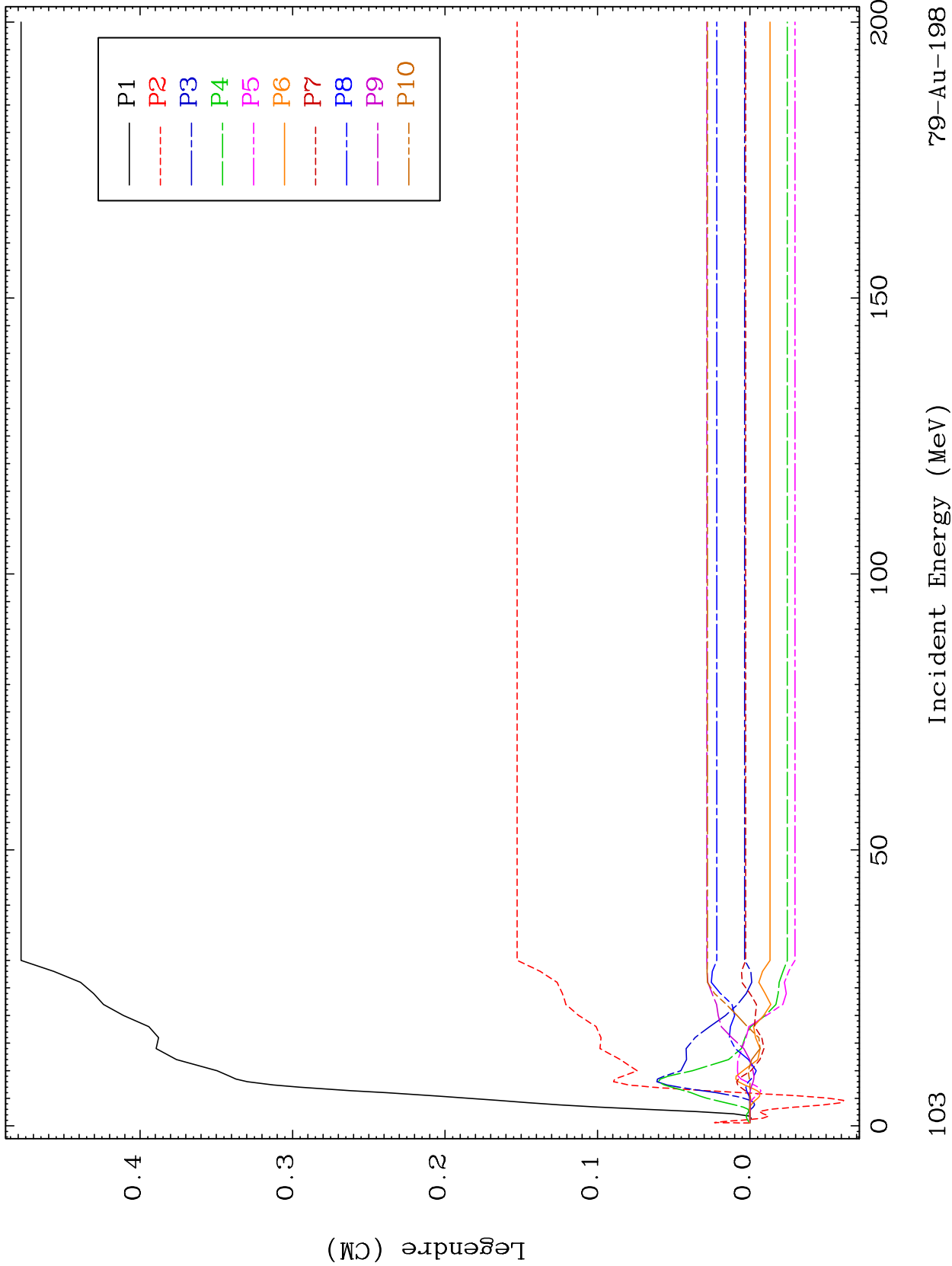




MAT 7928

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

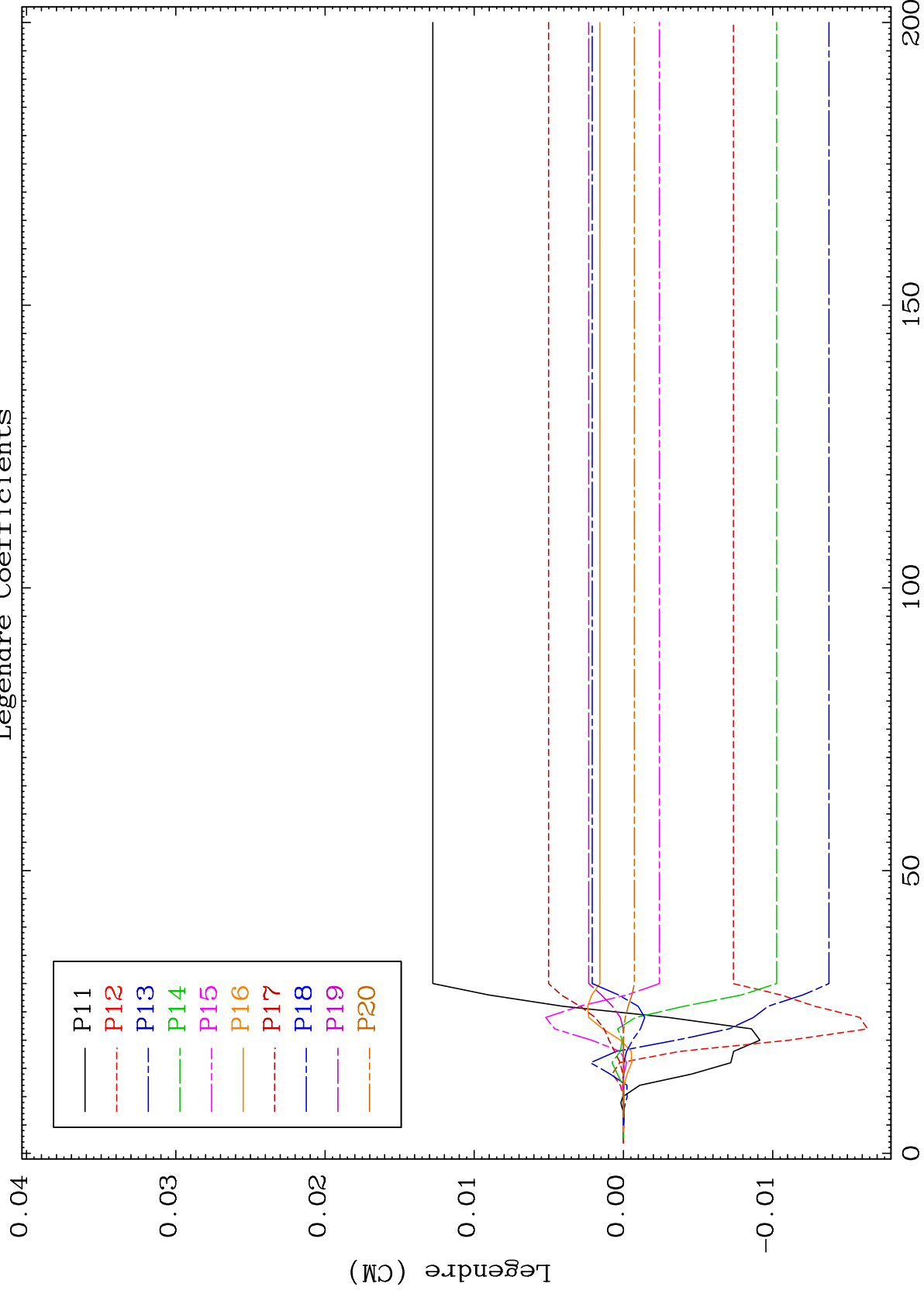
79-Au-198



MAT 7928

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

79-Au-198



104

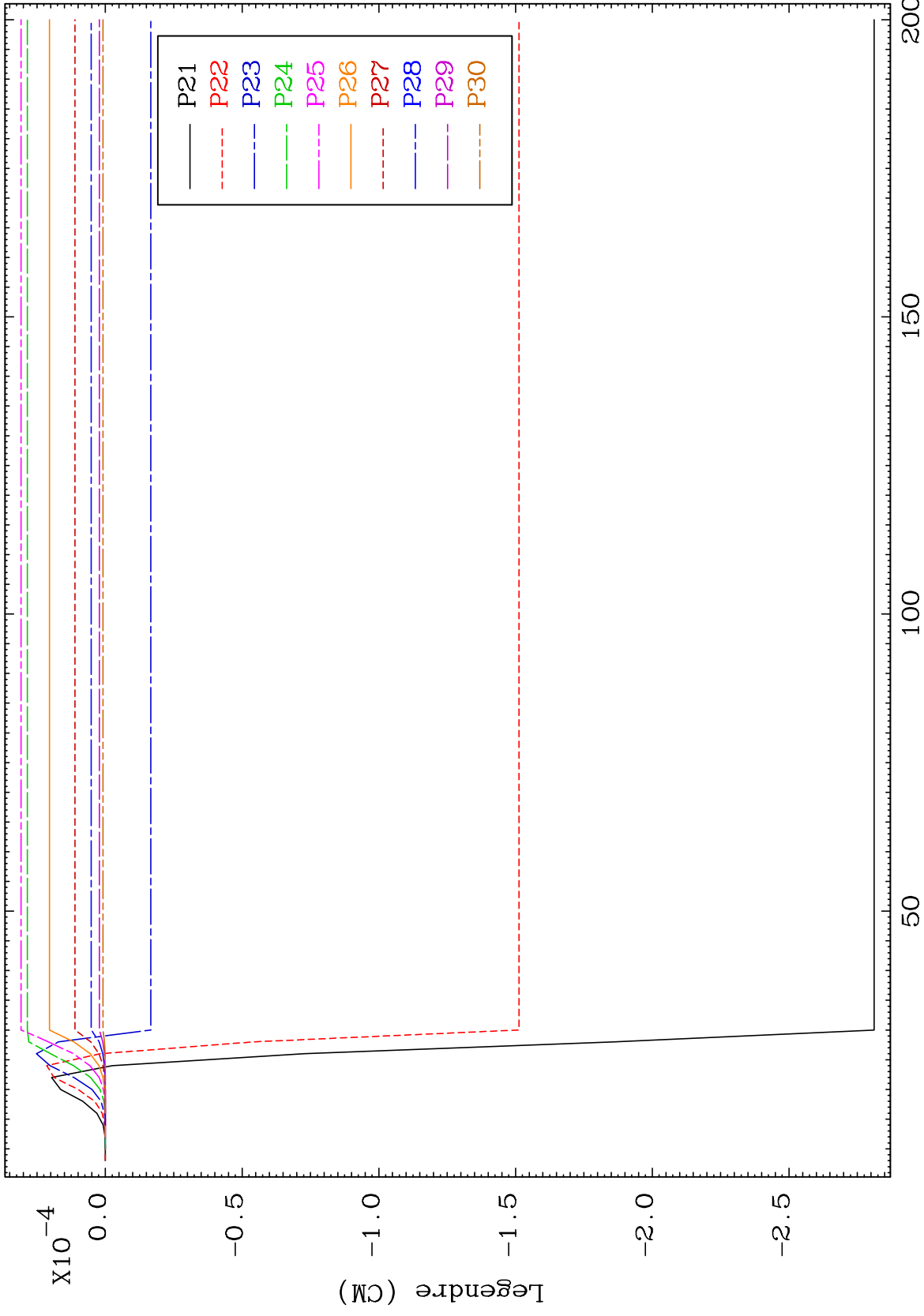
Incident Energy (MeV)

79-Au-198

MAT 7928

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

79-Au-198



105

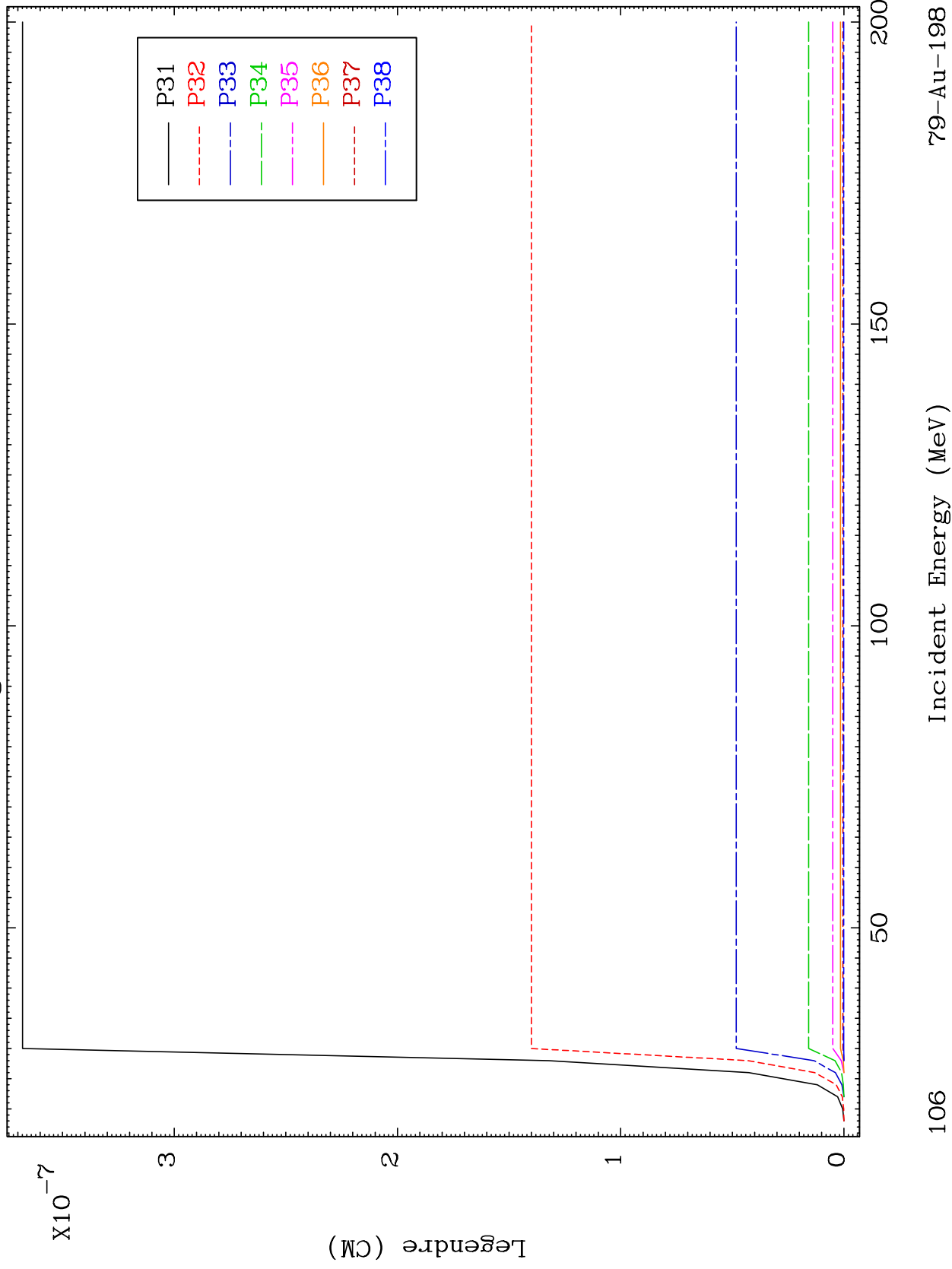
Incident Energy (MeV)

79-Au-198

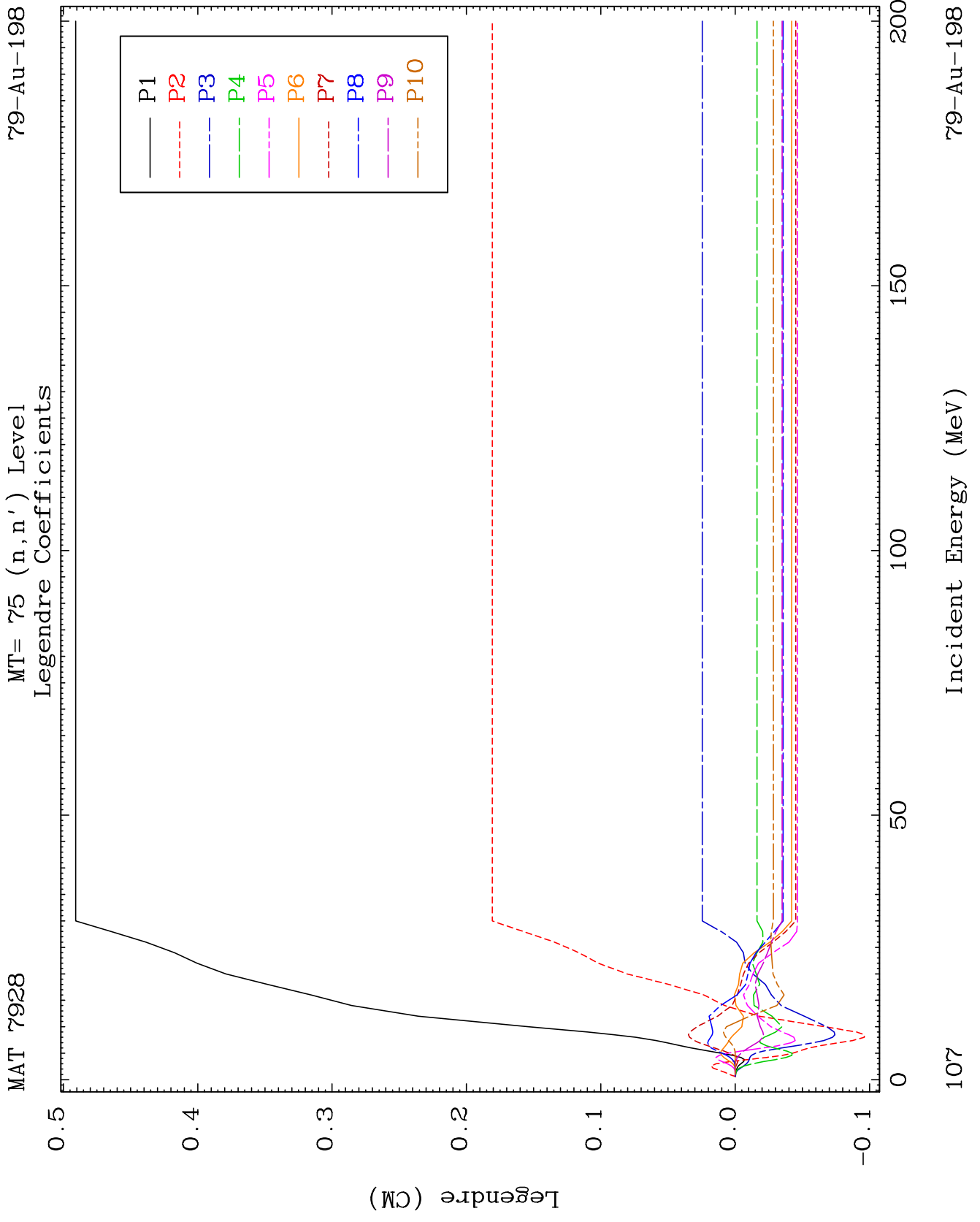
MAT 7928

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

79-Au-198



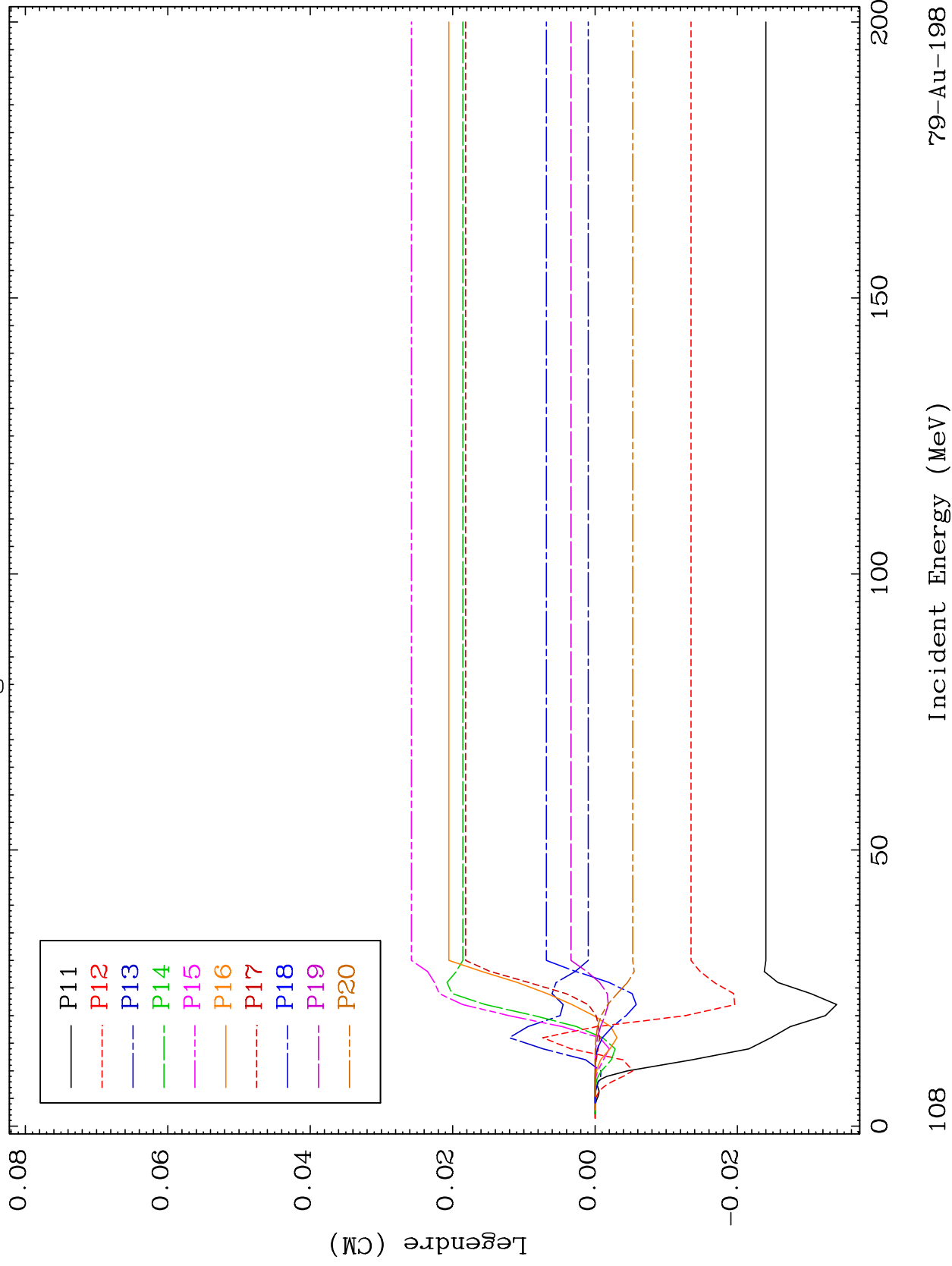
79-Au-198



MAT 7928

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

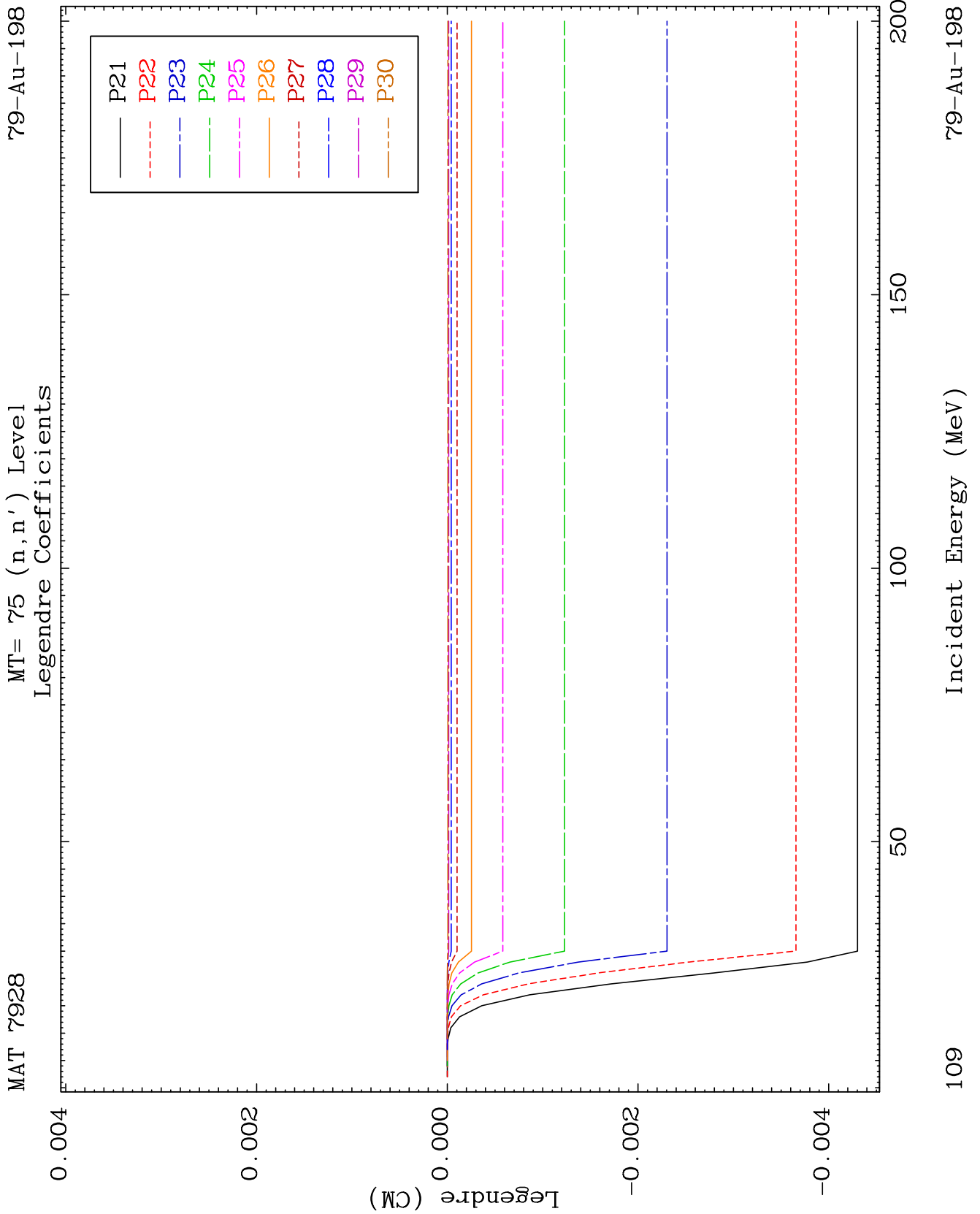
79-Au-198

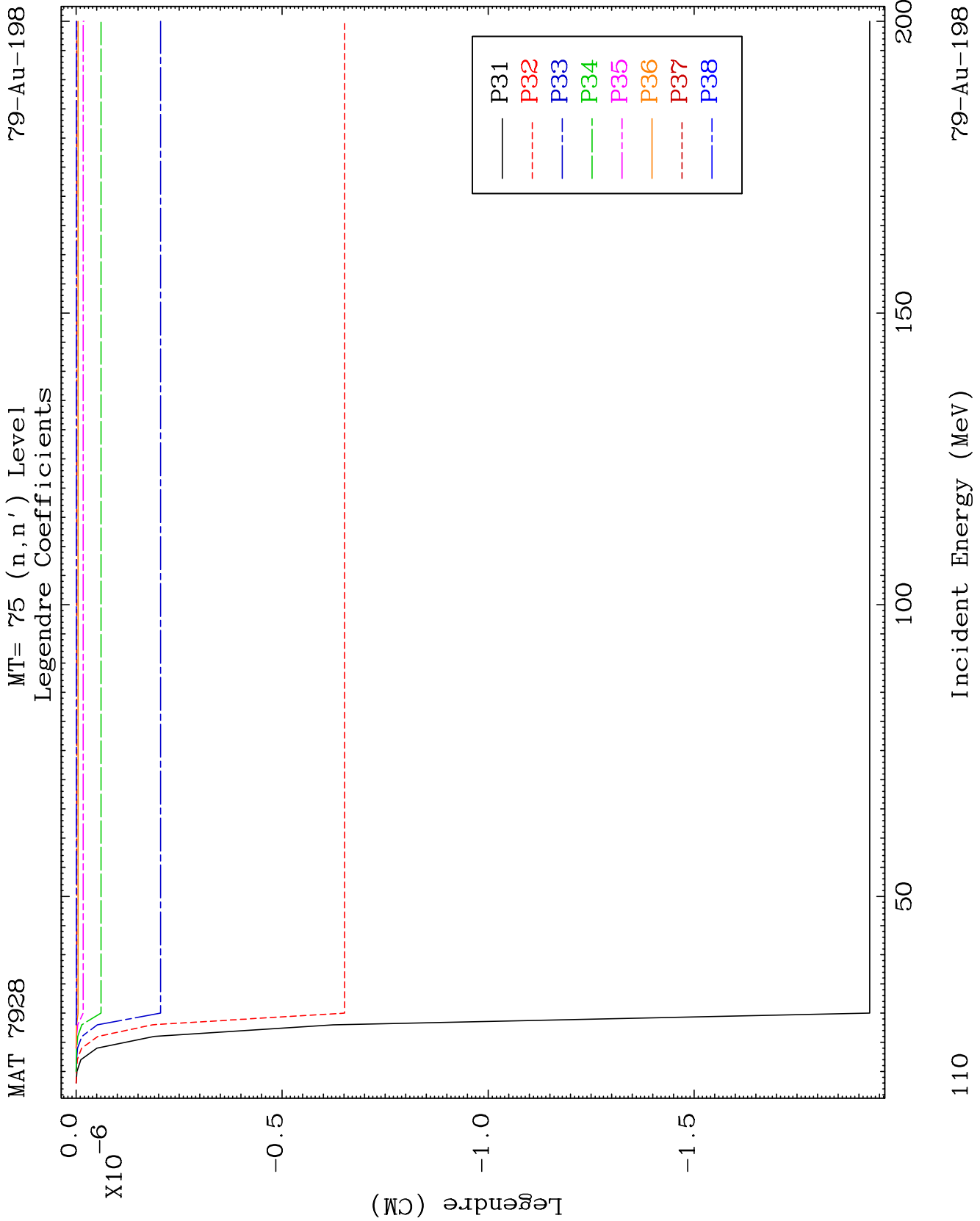


79-Au-198

Incident Energy (MeV)

108

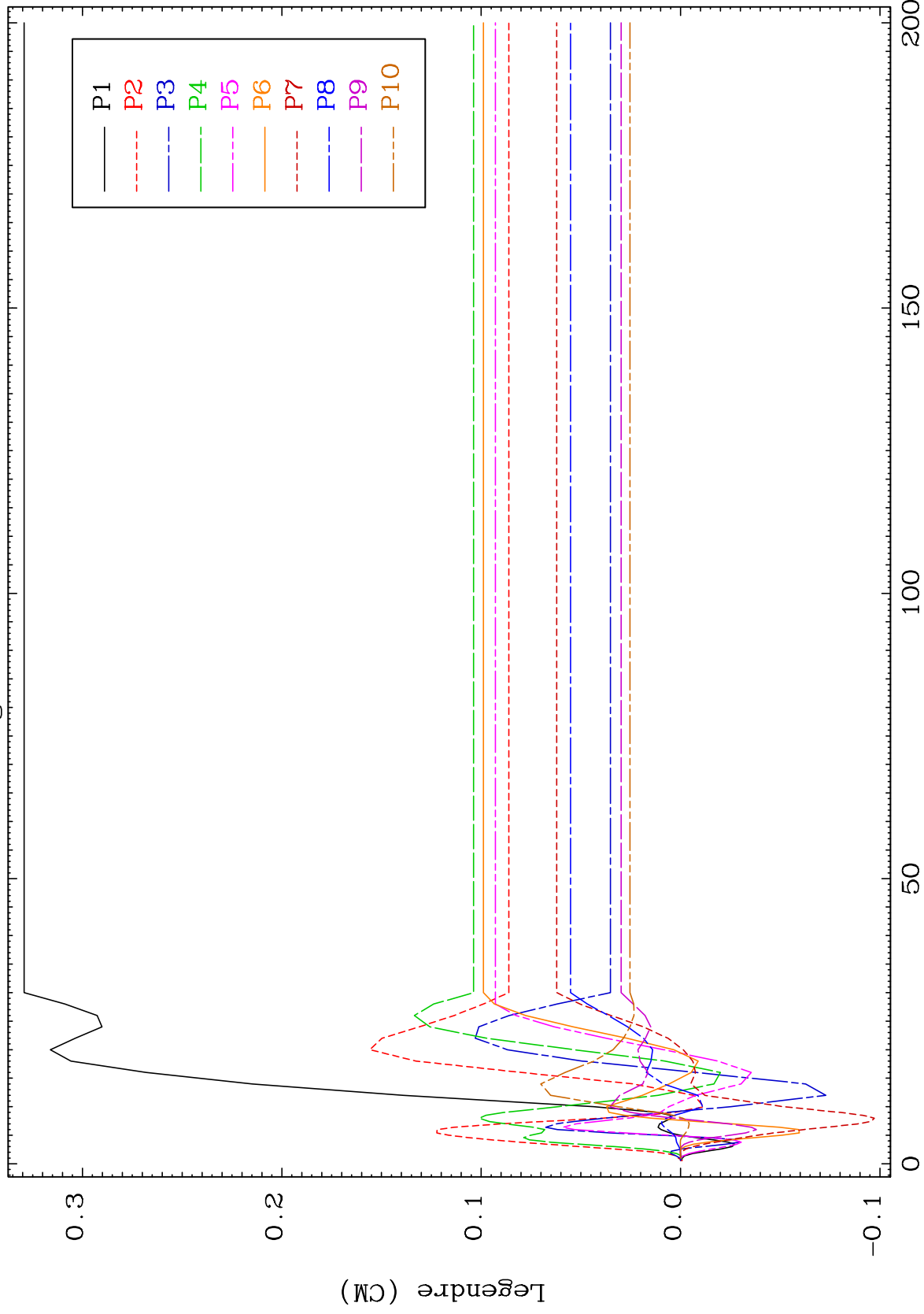




MAT 7928

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

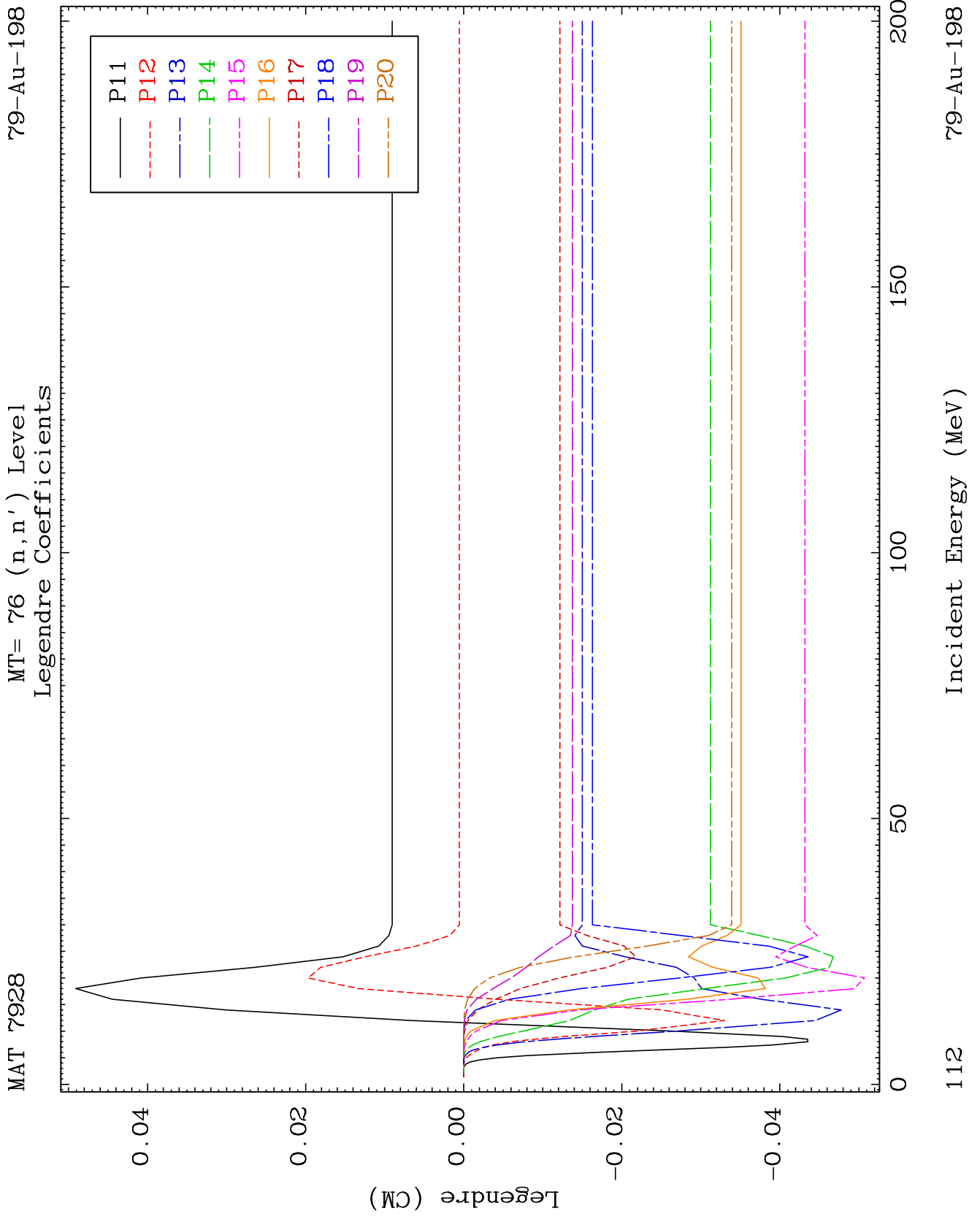
79-Au-198



111

Incident Energy (MeV)

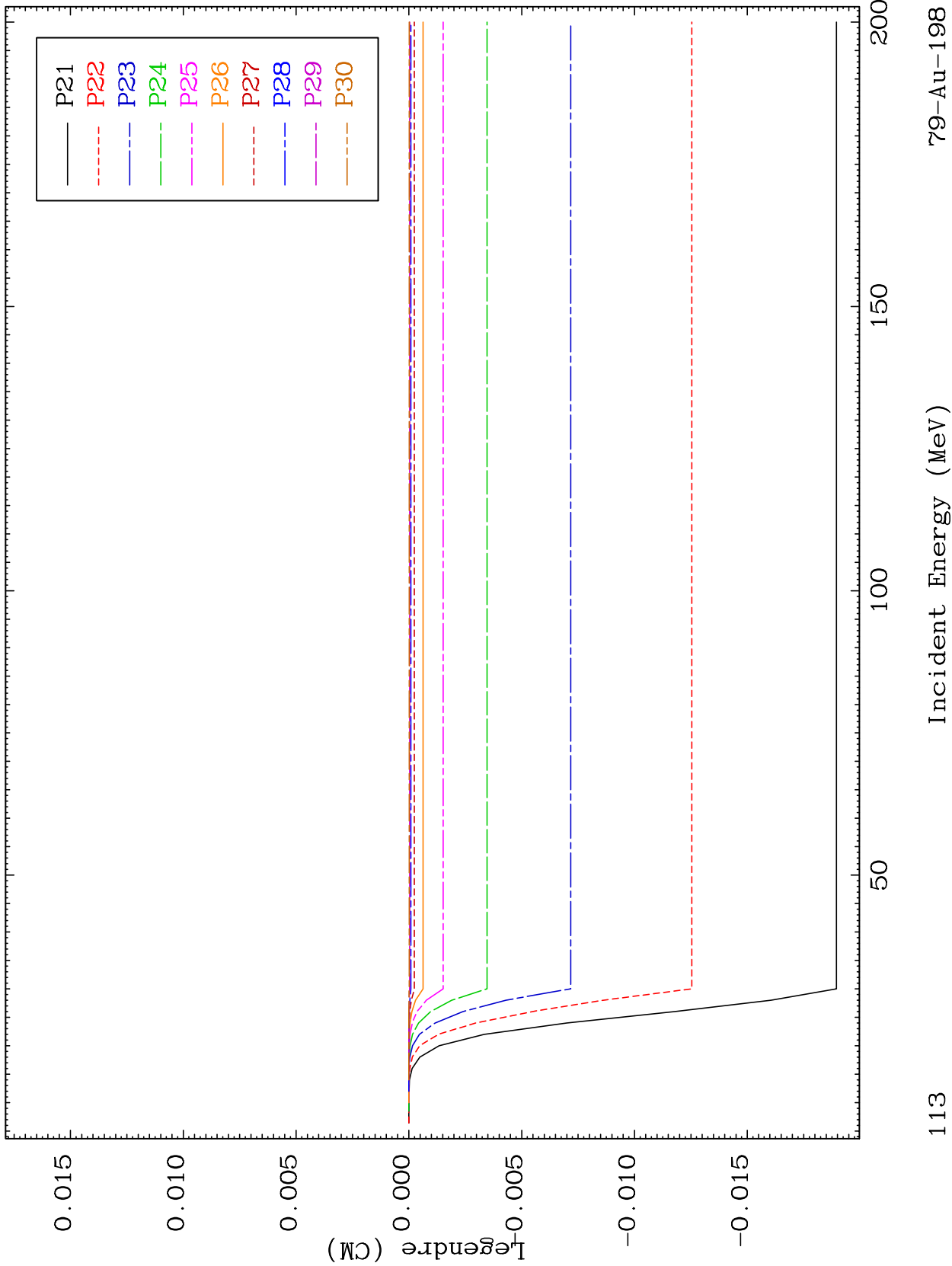
79-Au-198



MAT 7928

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

79-Au-198



113

Incident Energy (MeV)

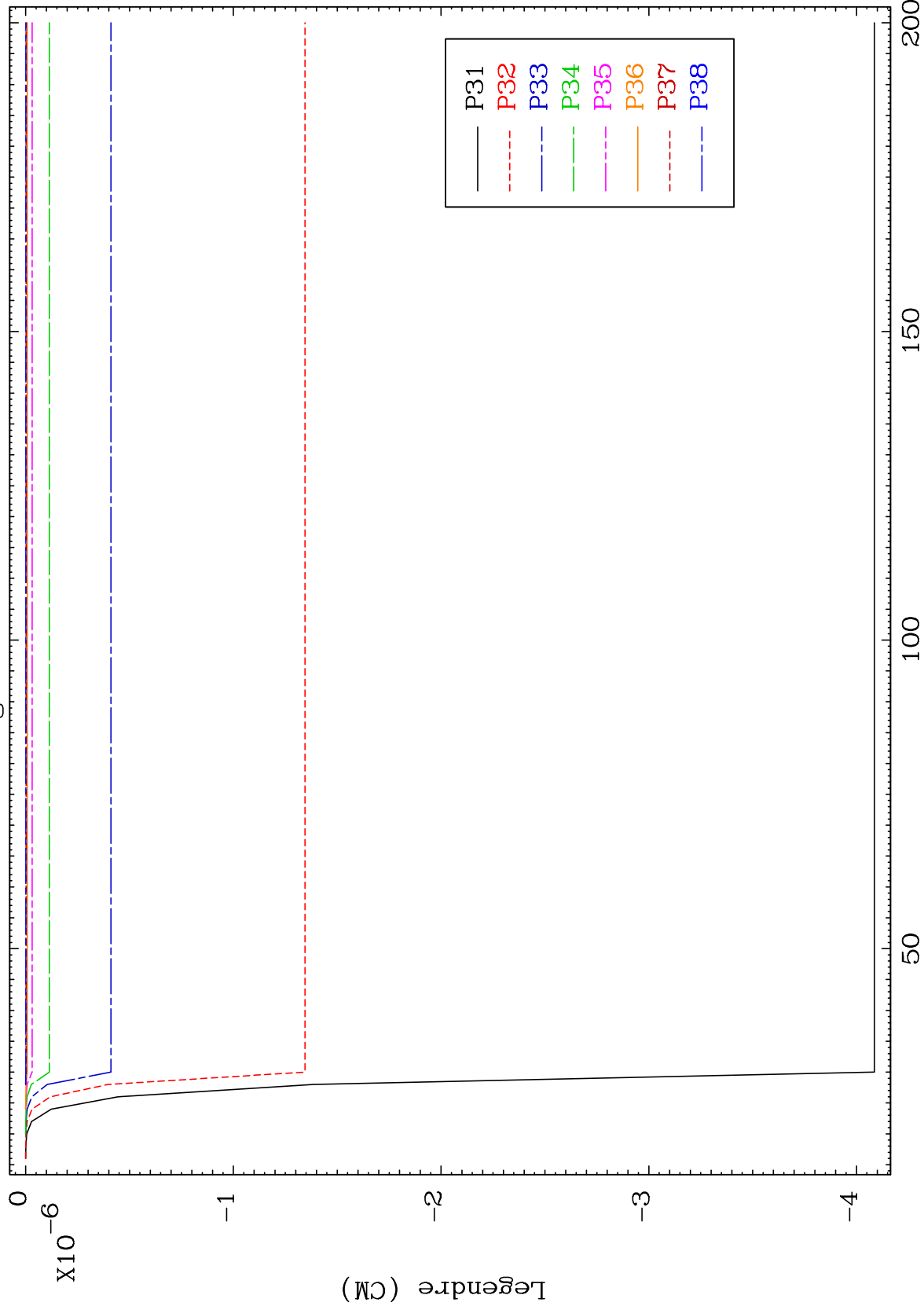
79-Au-198

MAT 7928

MT= 76 (n,n') Level

79-Au-198

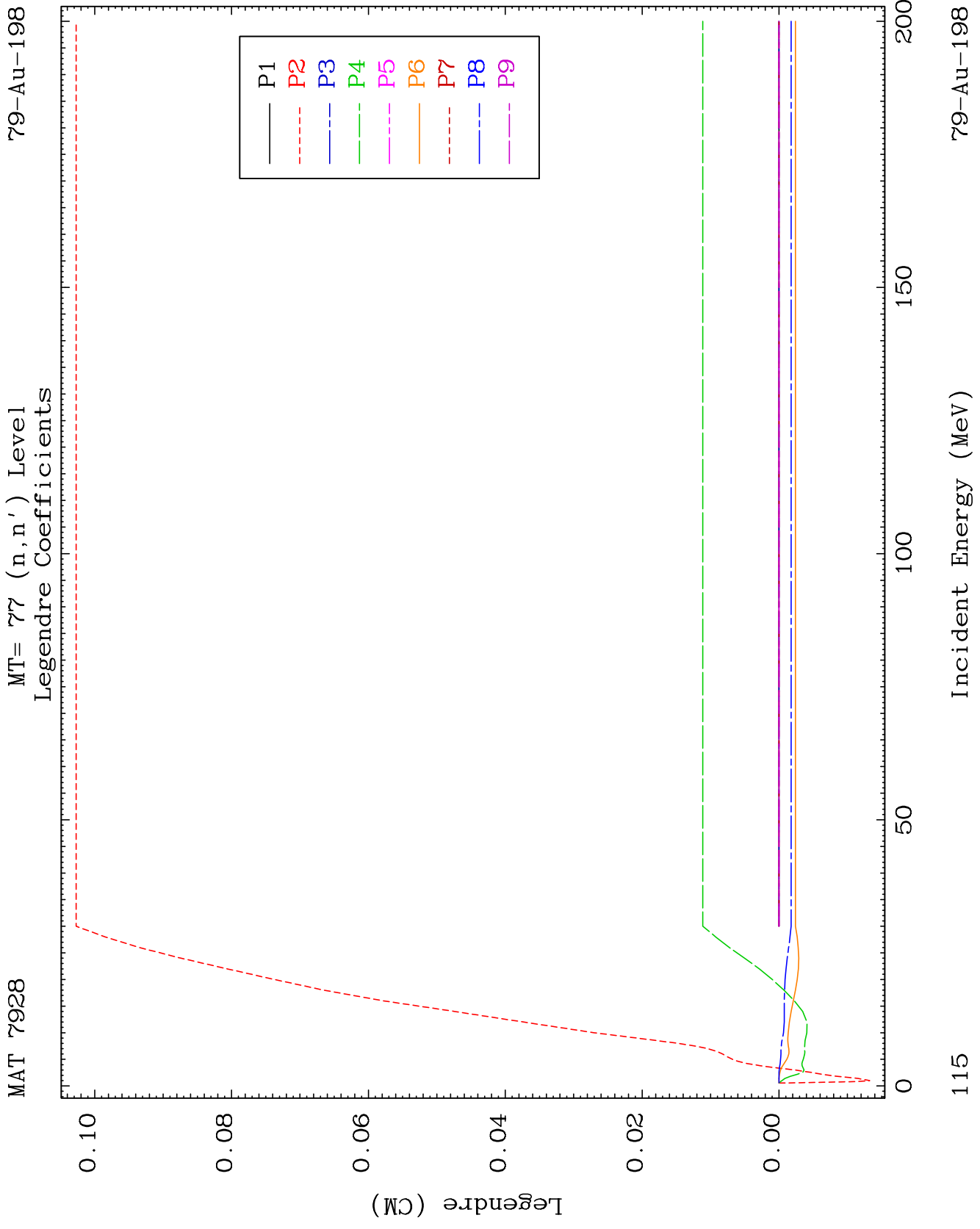
Legendre Coefficients



114

Incident Energy (MeV)

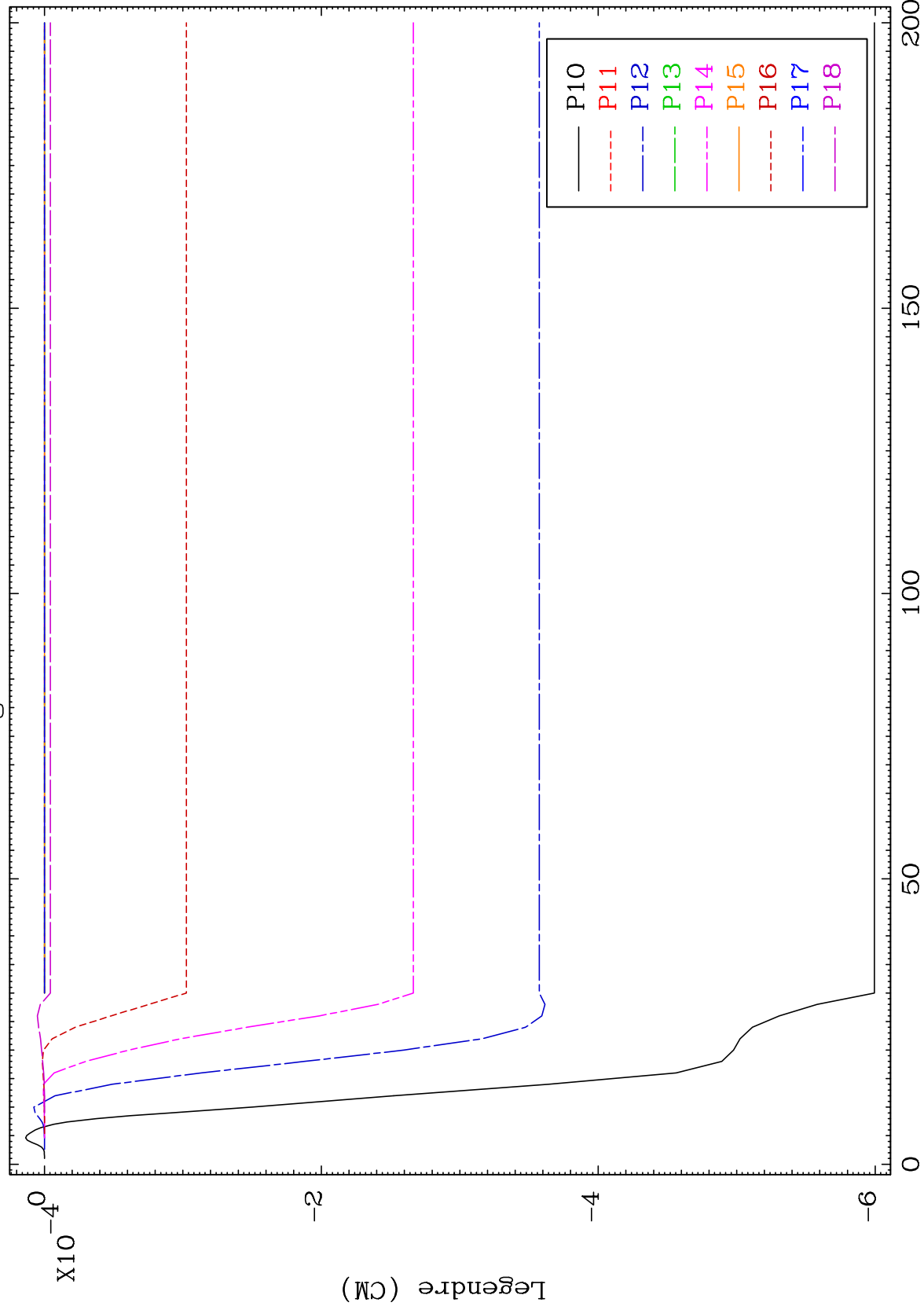
79-Au-198



MAT 7928

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

79-Au-198



116

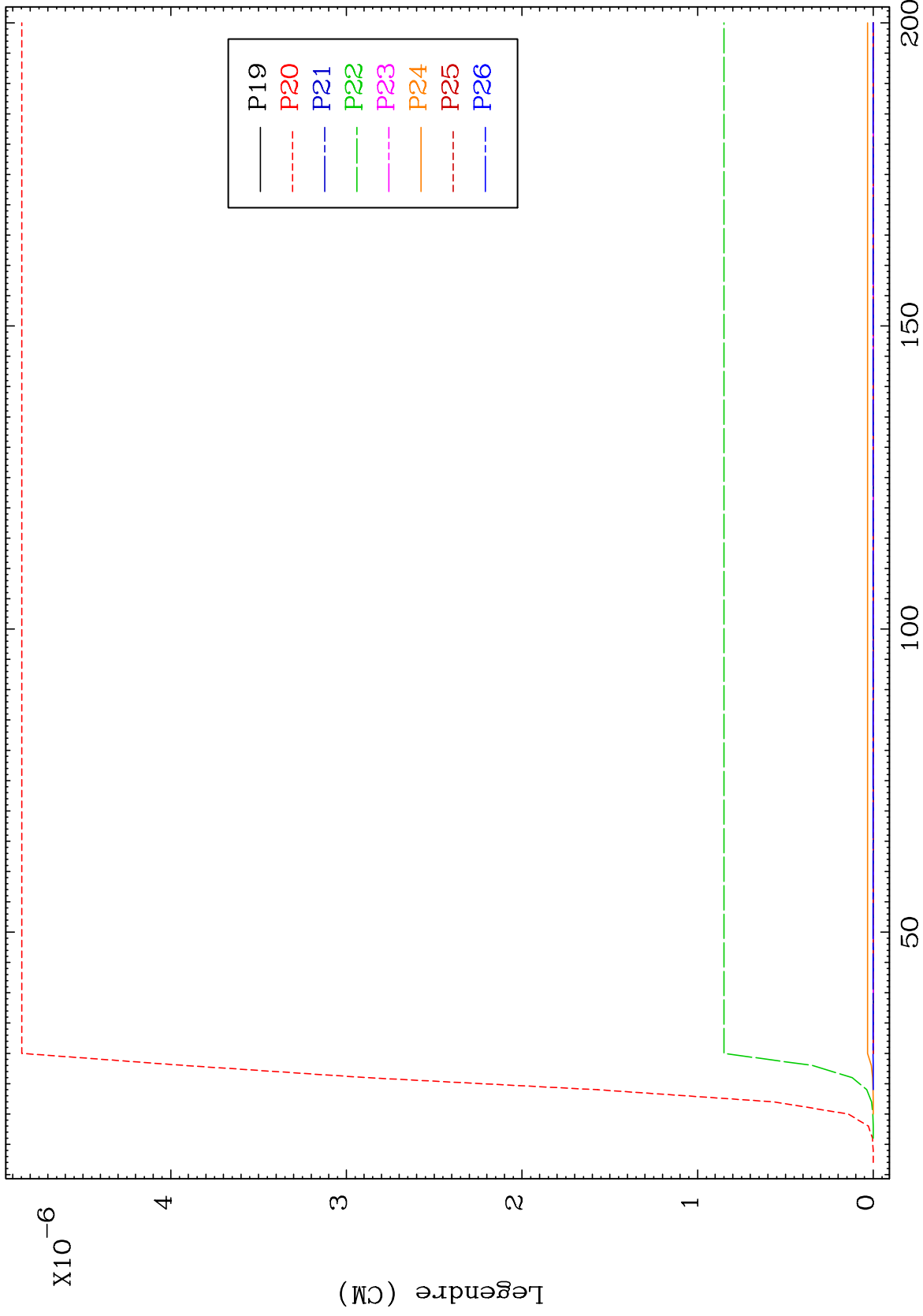
Incident Energy (MeV)

79-Au-198

MAT 7928

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

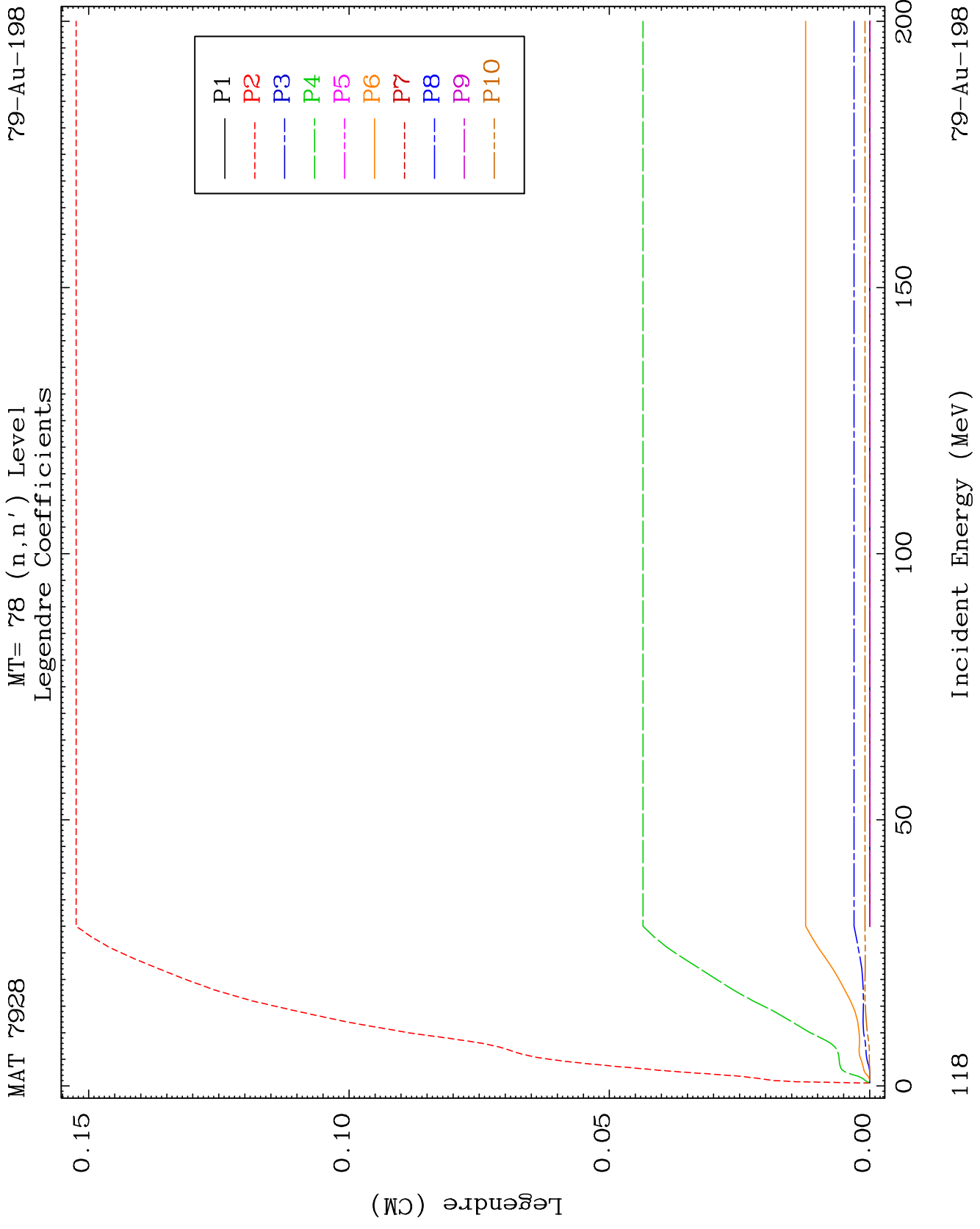
79-Au-198



117

Incident Energy (MeV)

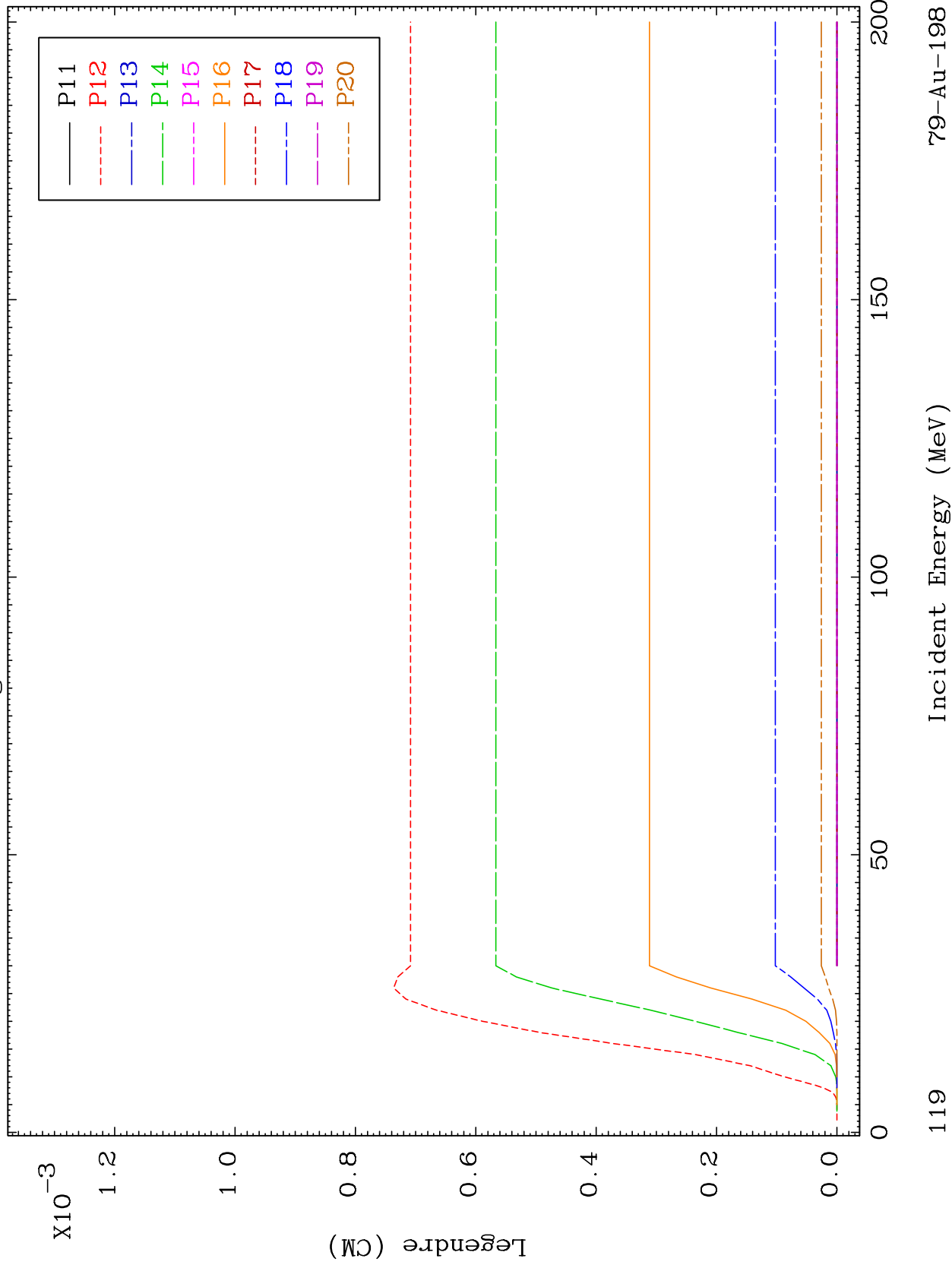
79-Au-198

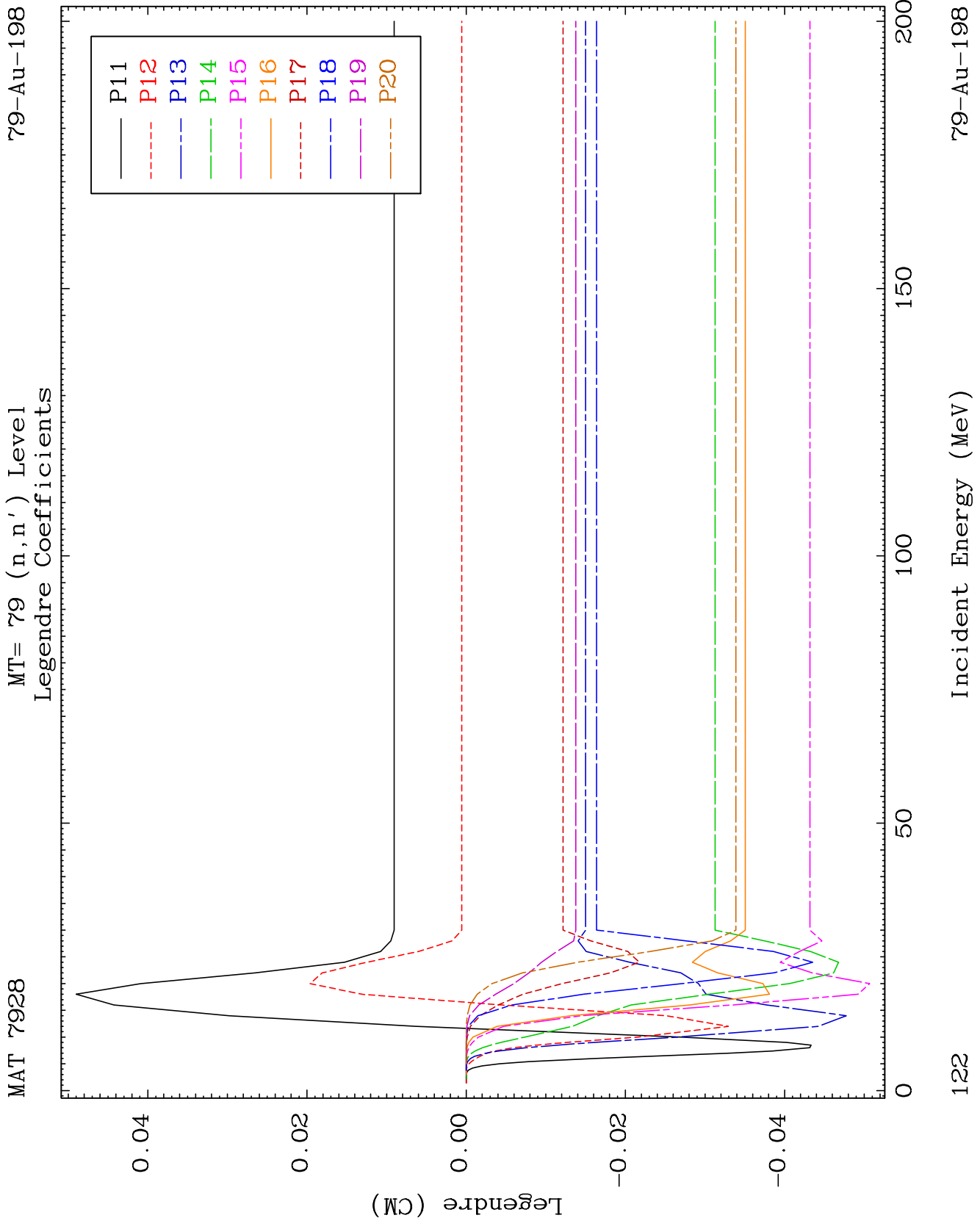


MAT 7928

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

79-Au-198

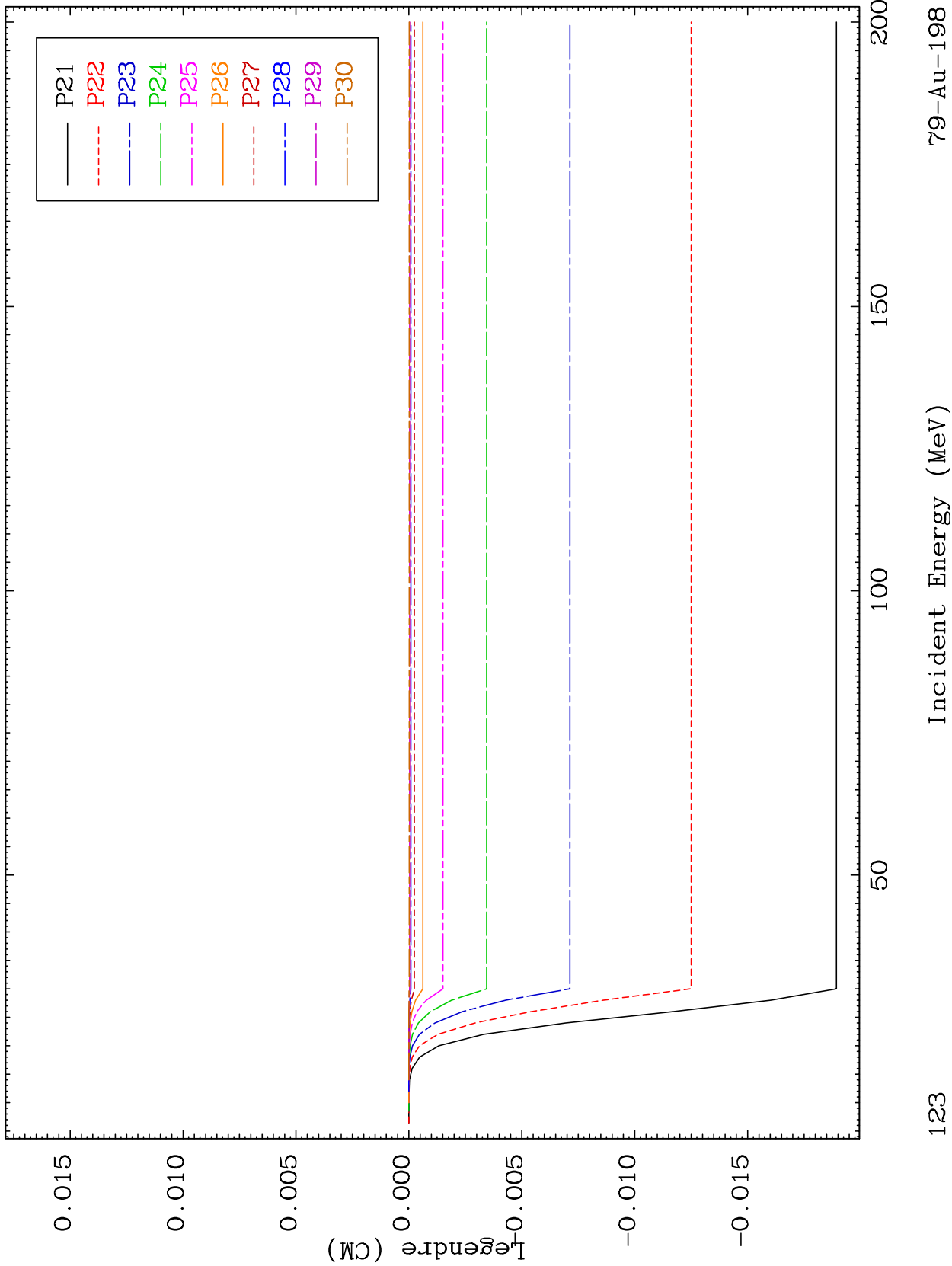




MAT 7928

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

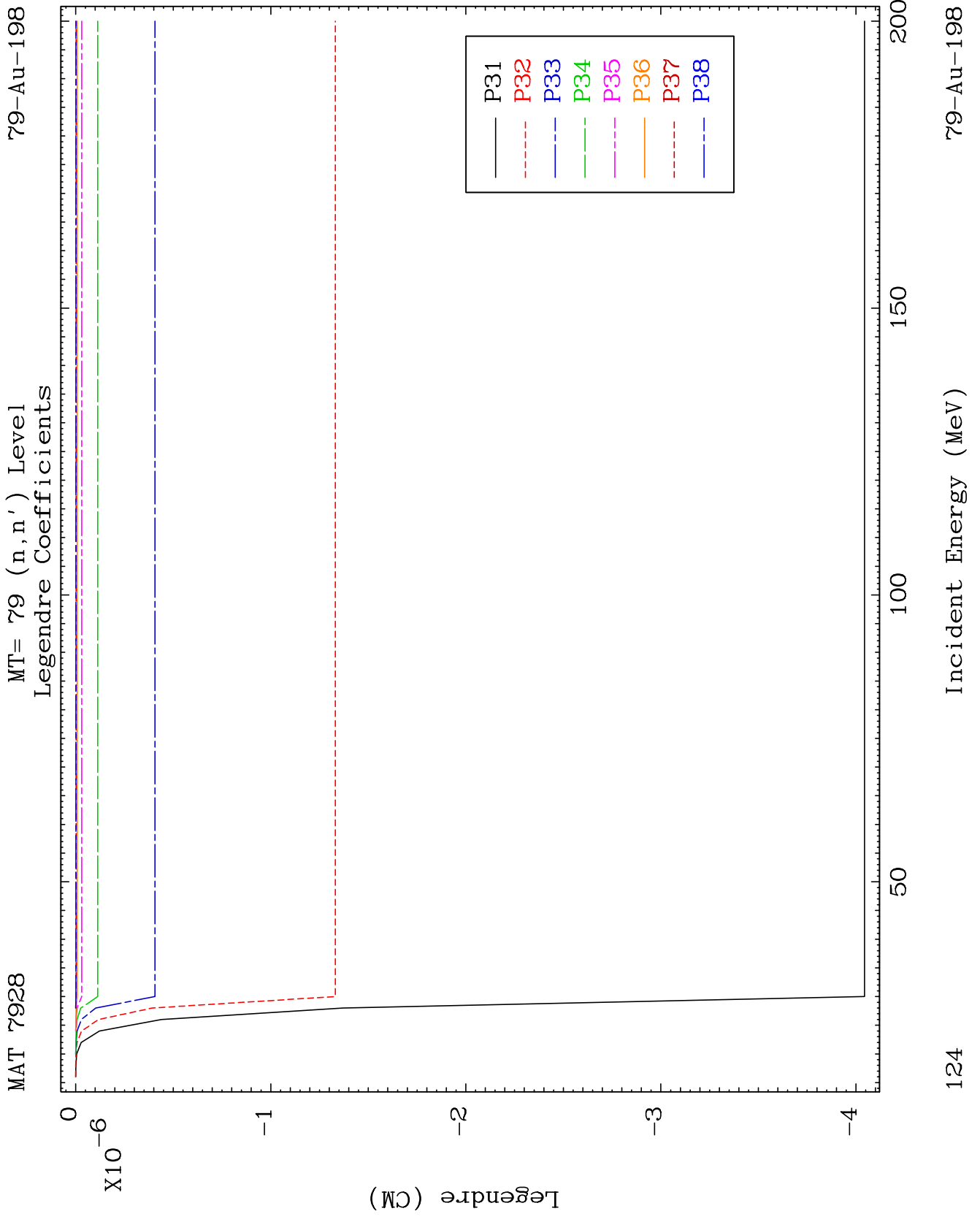
79-Au-198



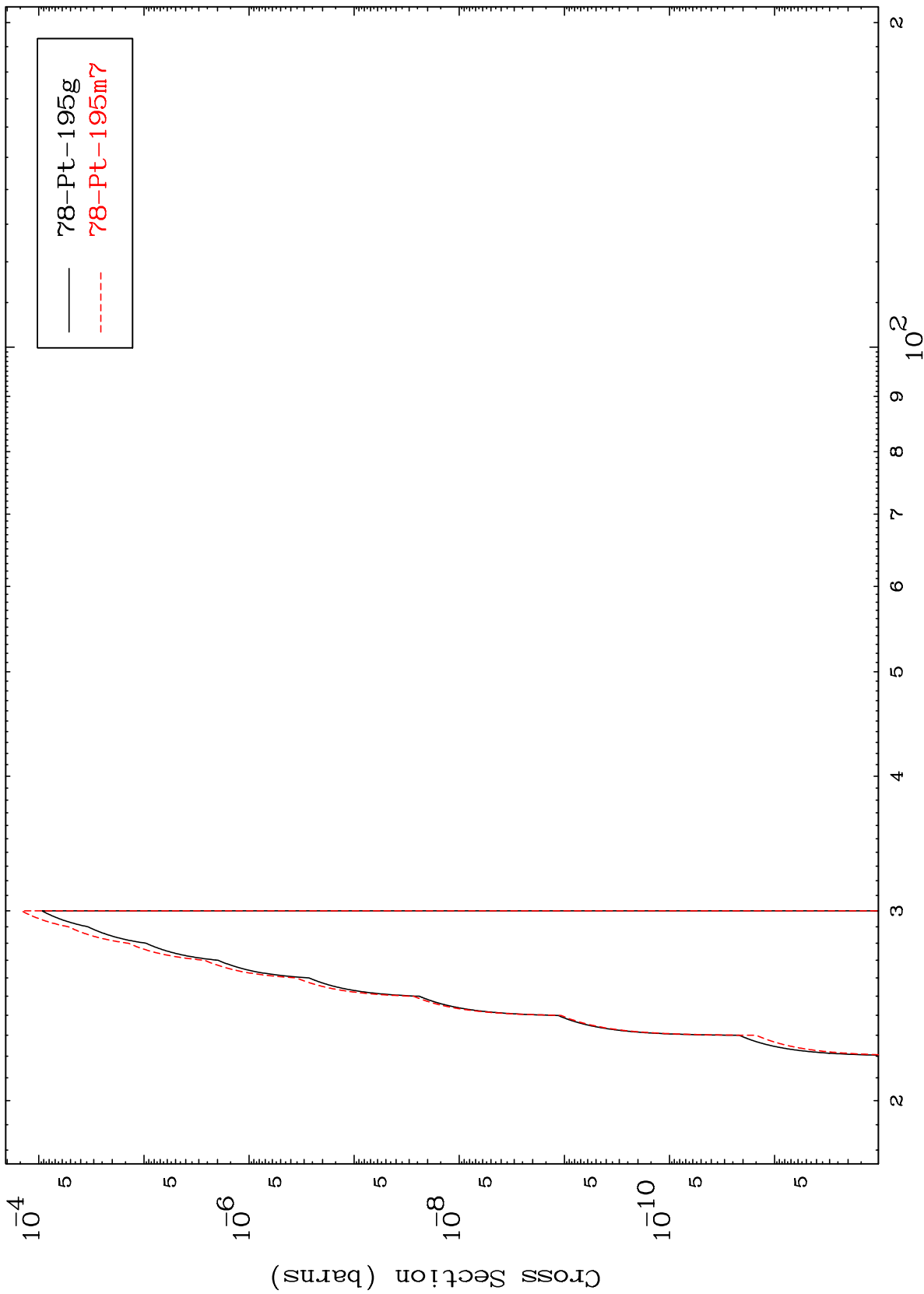
123

Incident Energy (MeV)

79-Au-198



Radionuclide Production Cross Section

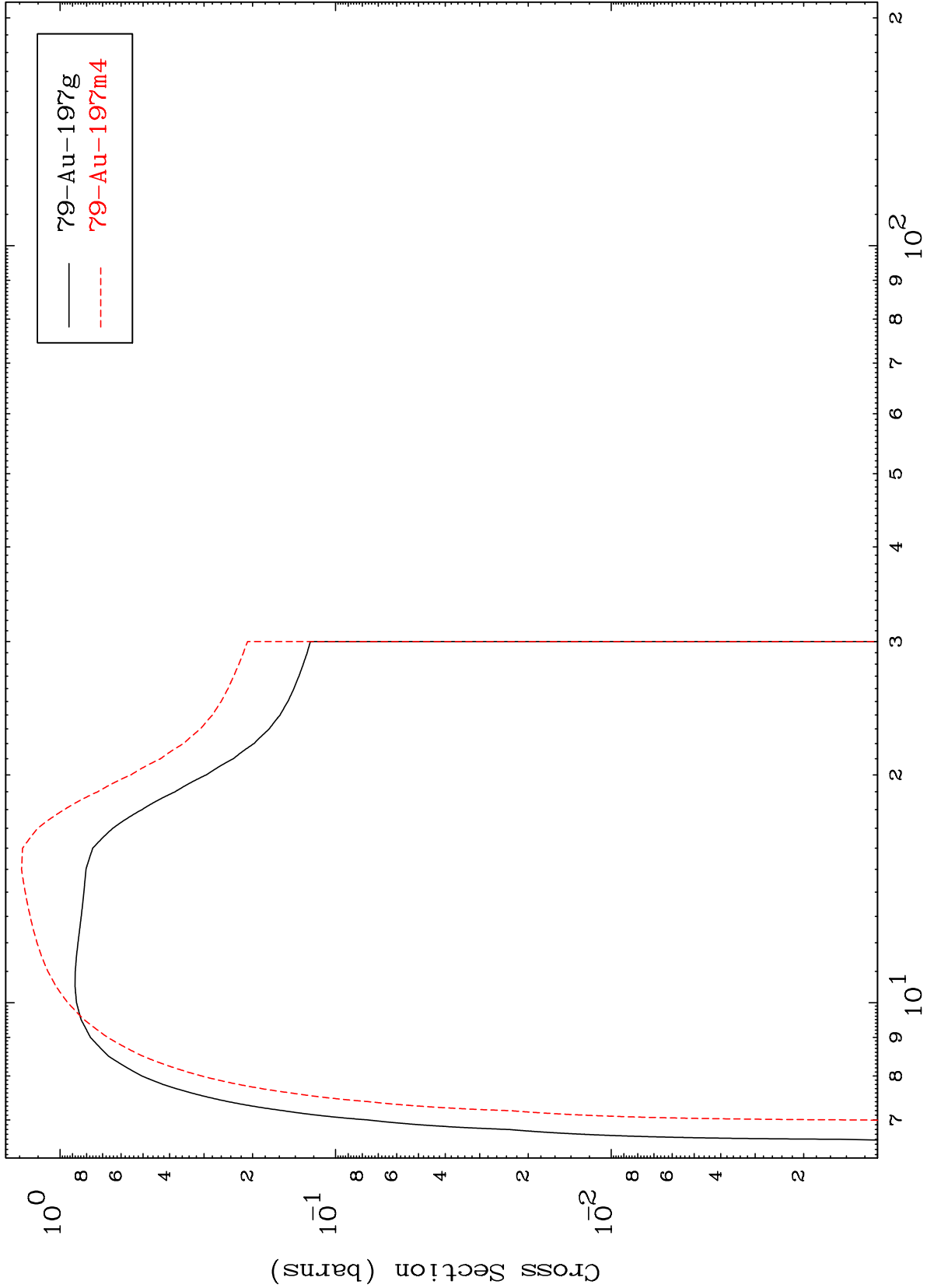


78-Pt-195g
78-Pt-195m7

MAT 7928

79-Au-198

(n,2n)
Radionuclide Production Cross Section



126

Incident Energy (MeV)

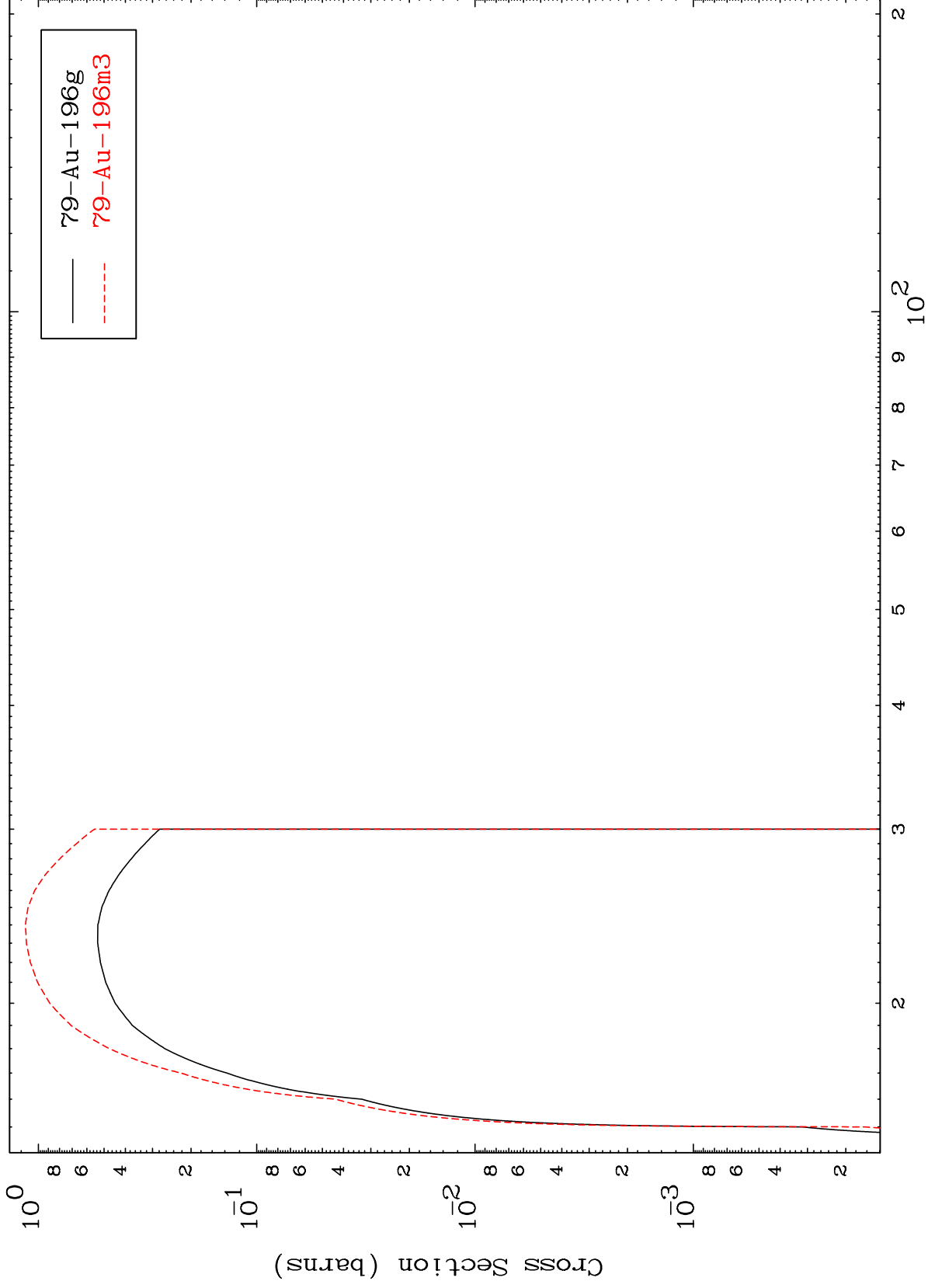
79-Au-198

MAT 7928

(n,3n)

79-Au-198

Radionuclide Production Cross Section



127

Incident Energy (MeV)

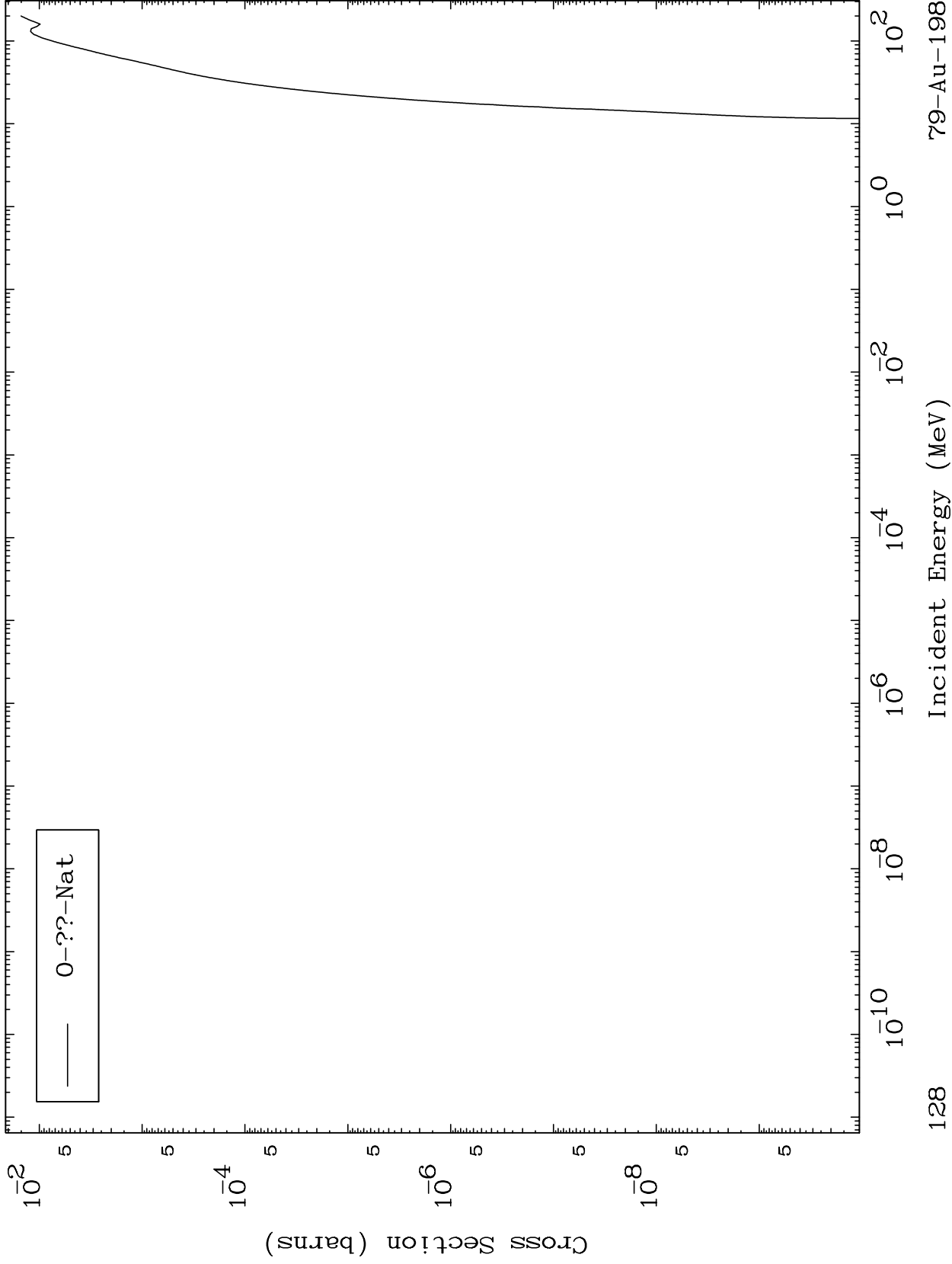
79-Au-198

MAT 7928

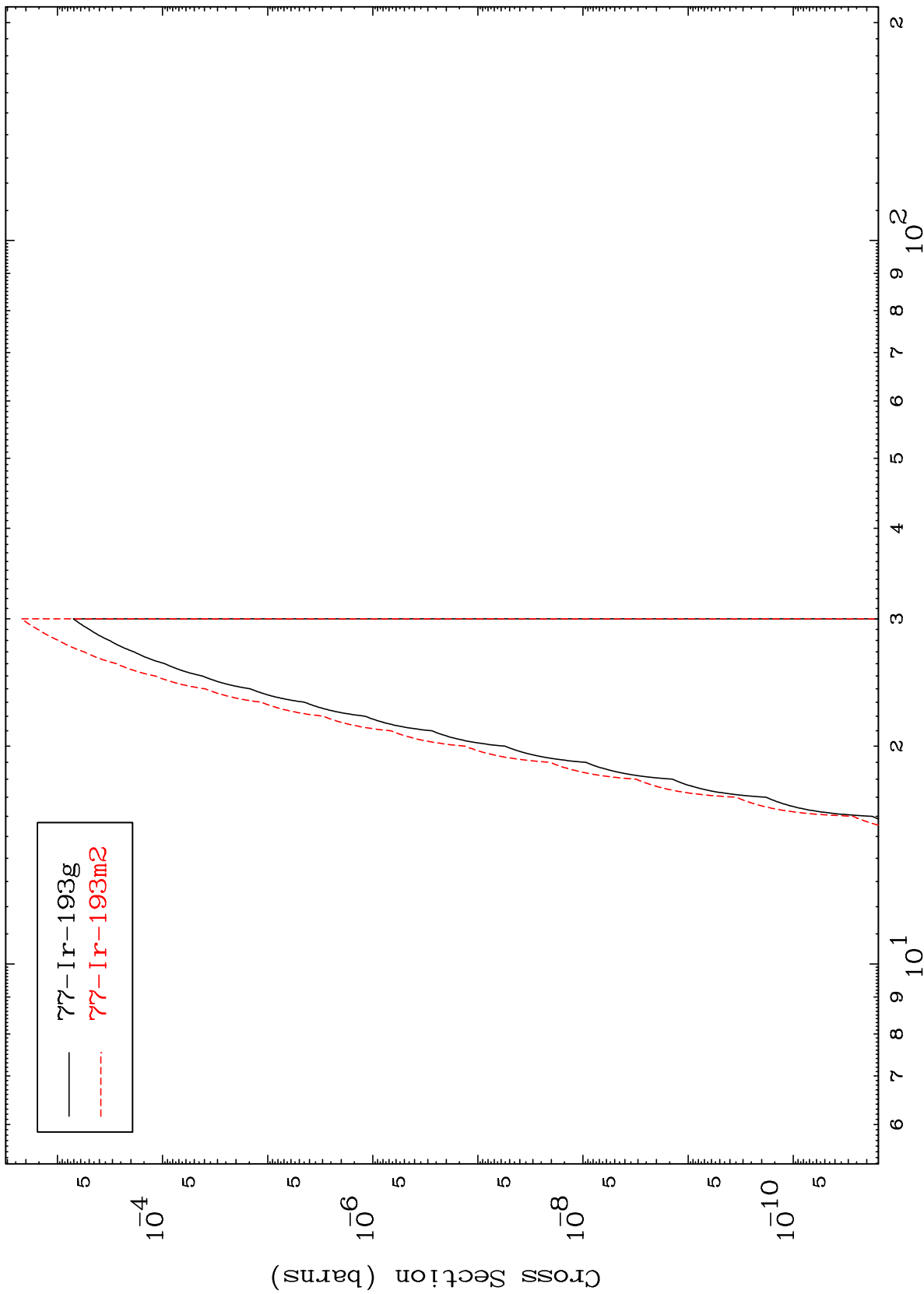
Fission

79-Au-198

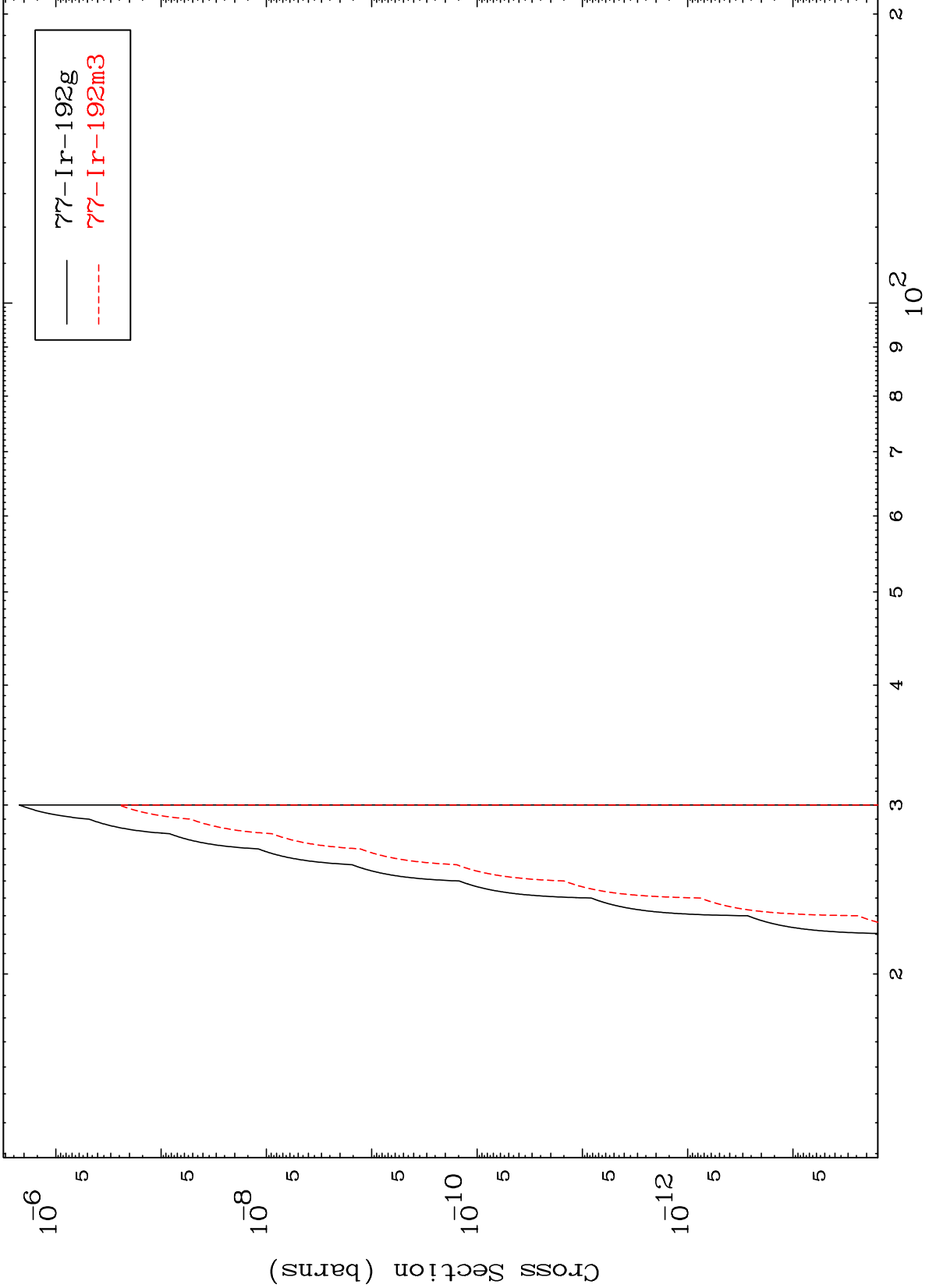
Radionuclide Production Cross Section



(n,2n) α
Radionuclide Production Cross Section

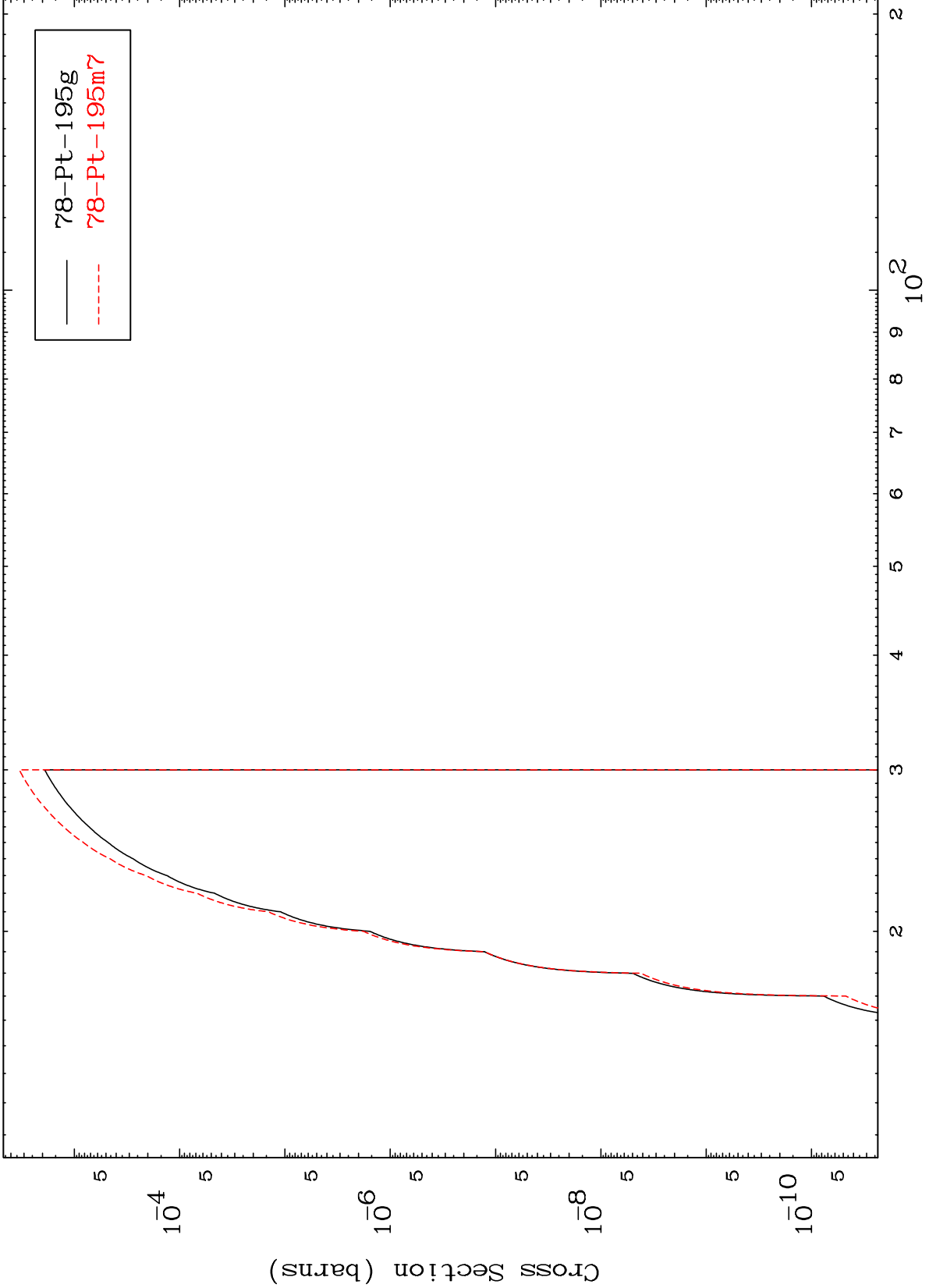


Radionuclide Production Cross Section

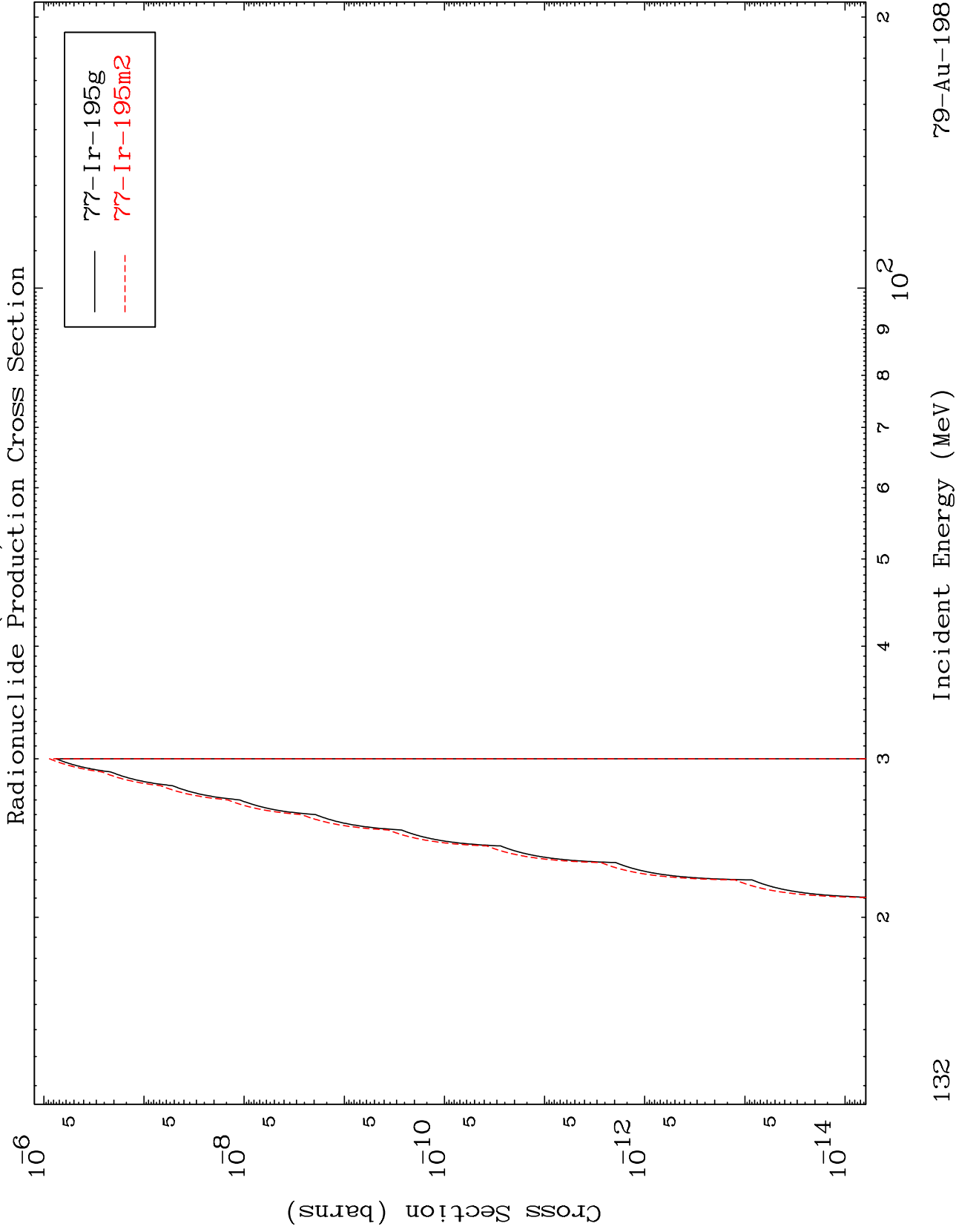


77-Ir-192g
77-Ir-192m3

Radionuclide Production Cross Section



78-Pt-195g
78-Pt-195m7

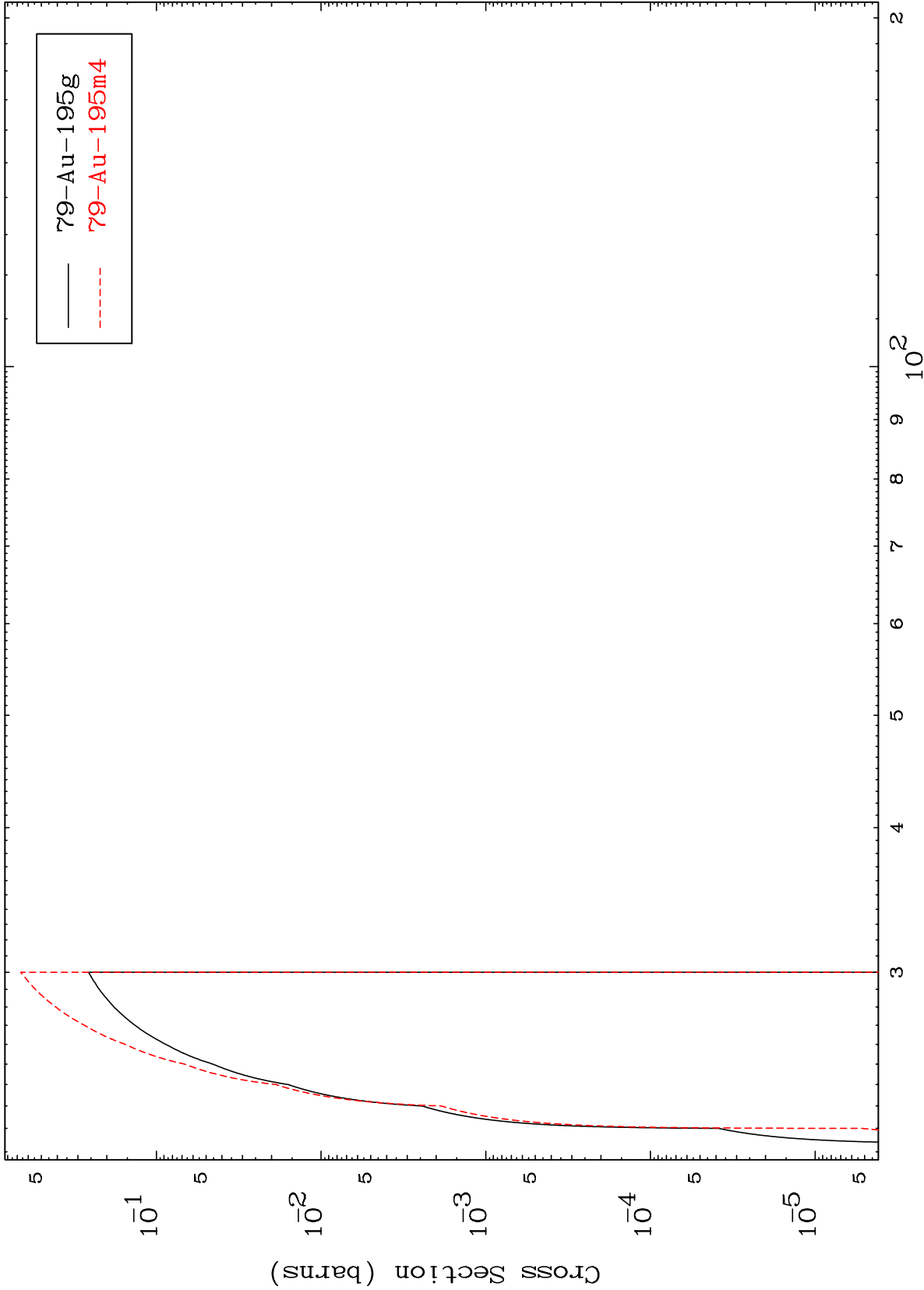


MAT 7928

(n,4n)

79-Au-198

Radionuclide Production Cross Section



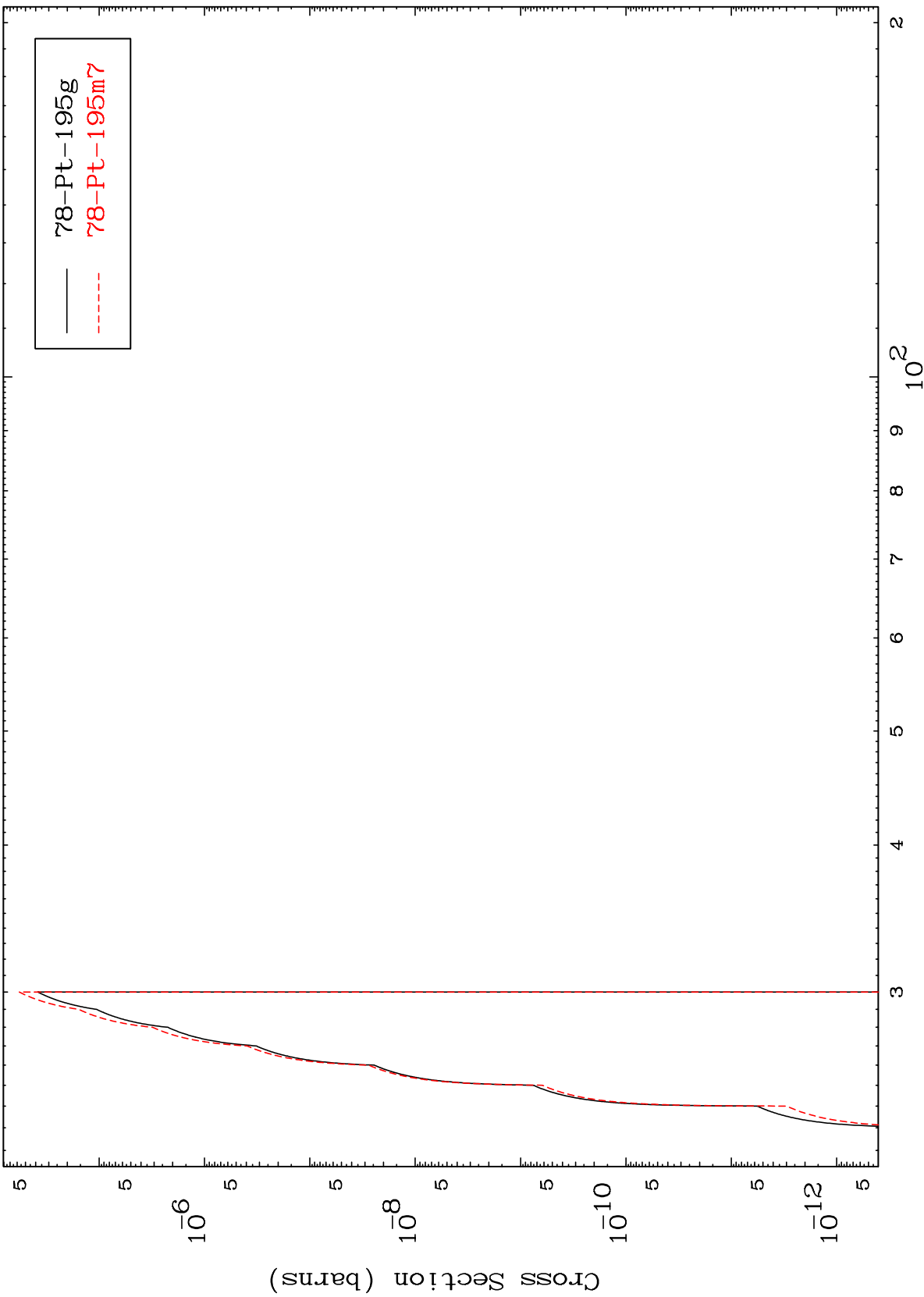
79-Au-195g
79-Au-195m4

133

Incident Energy (MeV)

79-Au-198

Radionuclide Production Cross Section

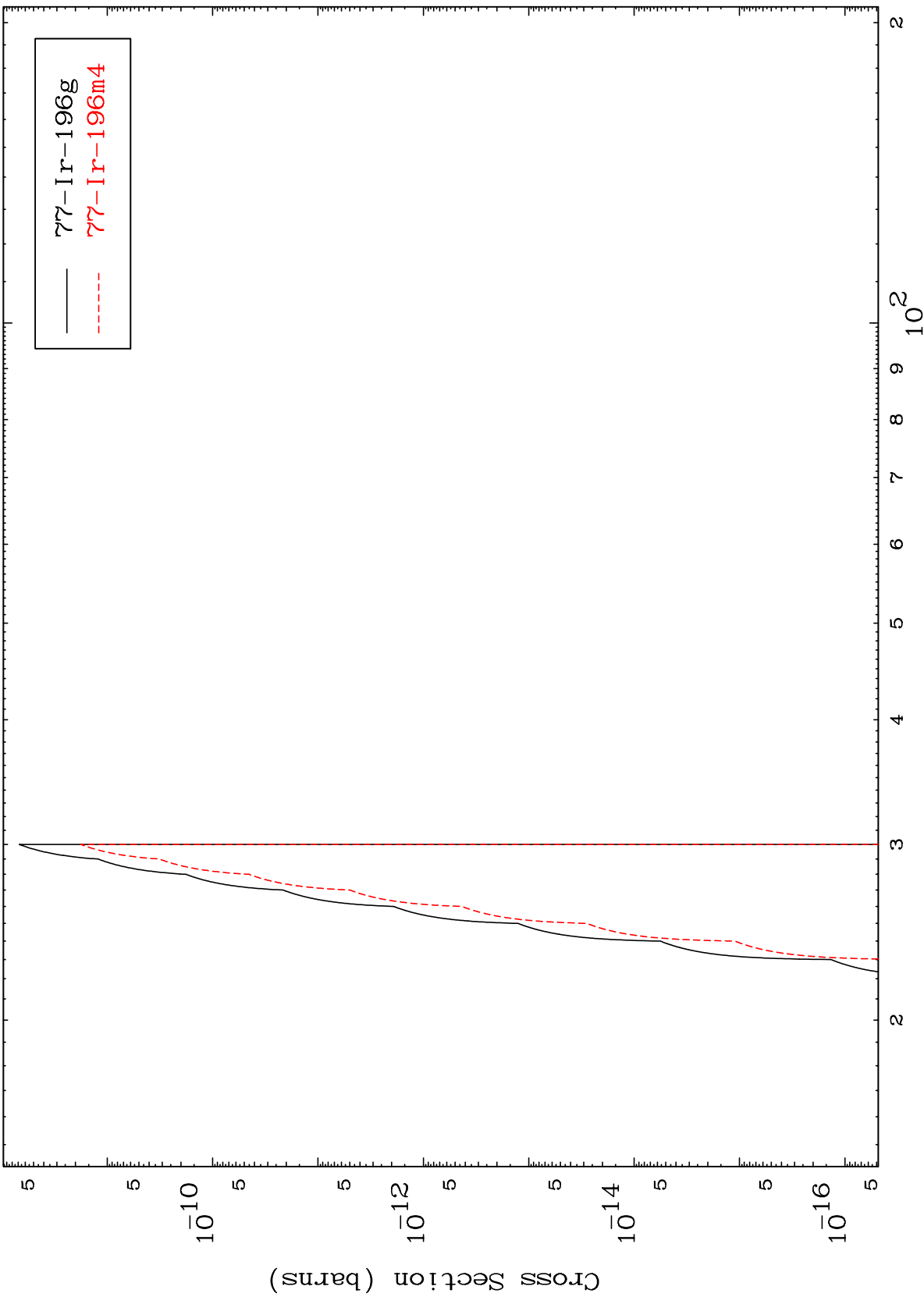


MAT 7928

(n,2n) p

79-Au-198

Radionuclide Production Cross Section



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

135

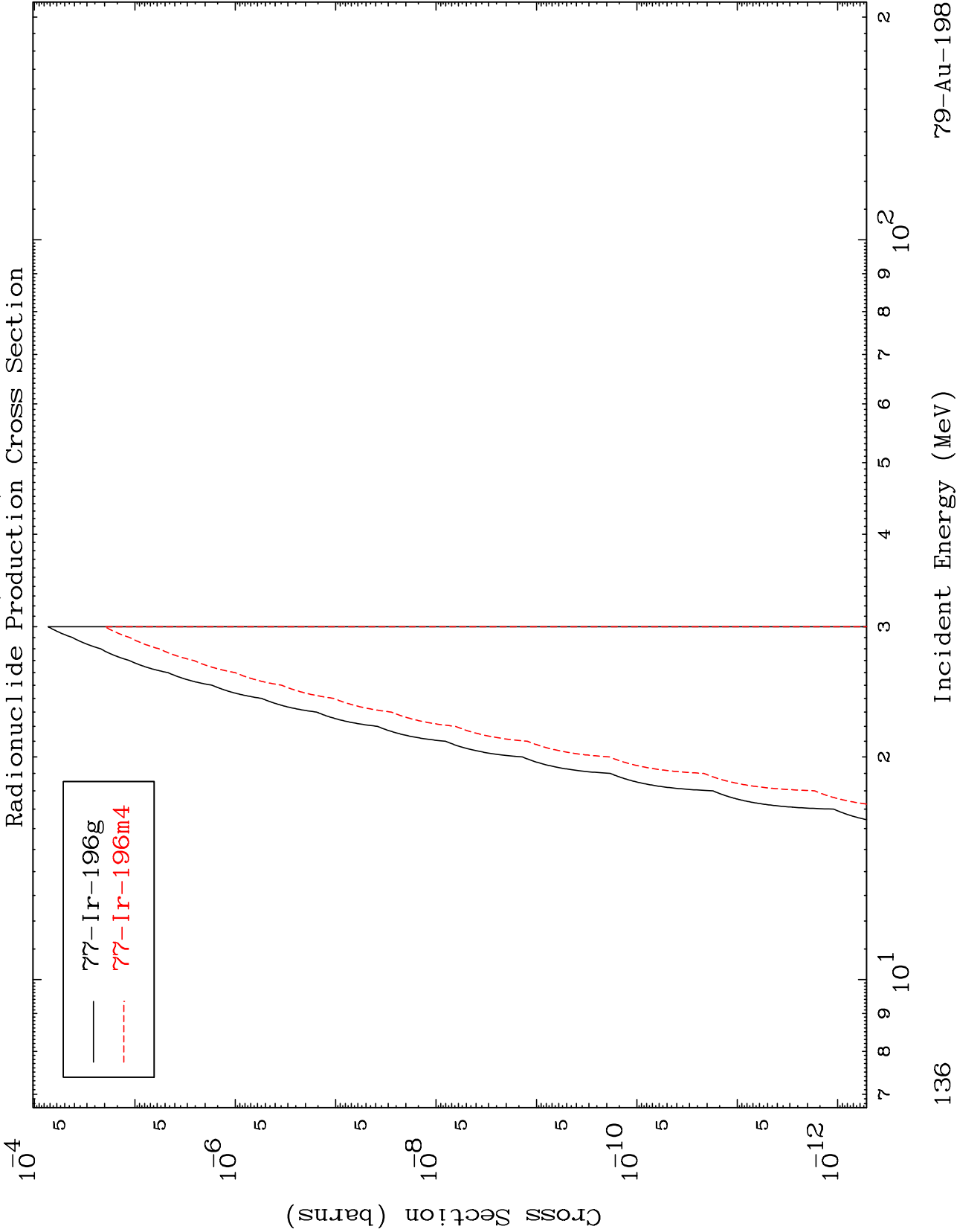
Incident Energy (MeV)

79-Au-198

MAT 7928

(n,He-3)

79-Au-198



136

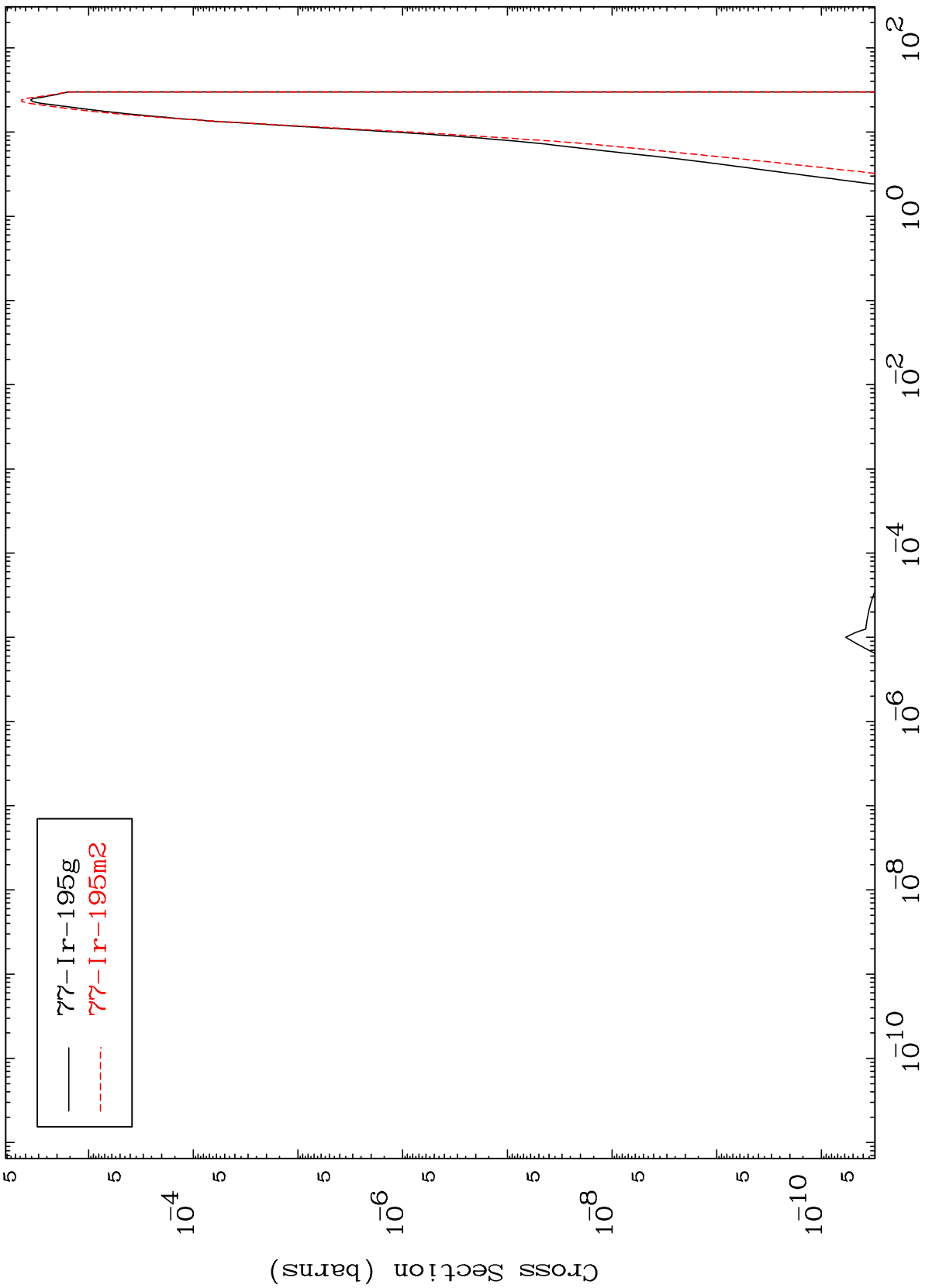
79-Au-198

MAT 7928

(n, α)

79-Au-198

Radionuclide Production Cross Section



137

Incident Energy (MeV)

79-Au-198

(n,2p)
Radionuclide Production Cross Section

