

Program EVALPLOT
(Version 2018-1)

by

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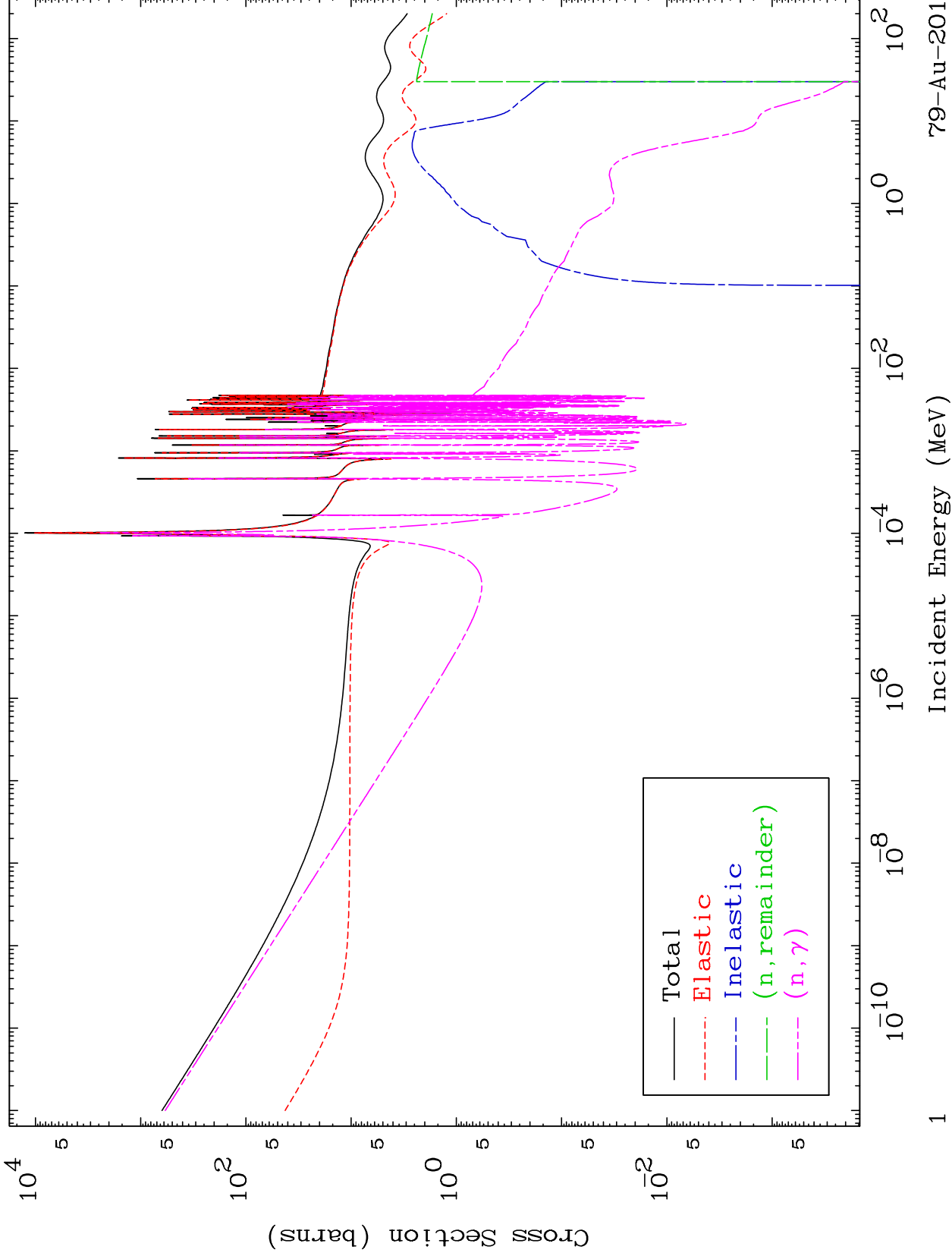
Press Mouse Button to Start

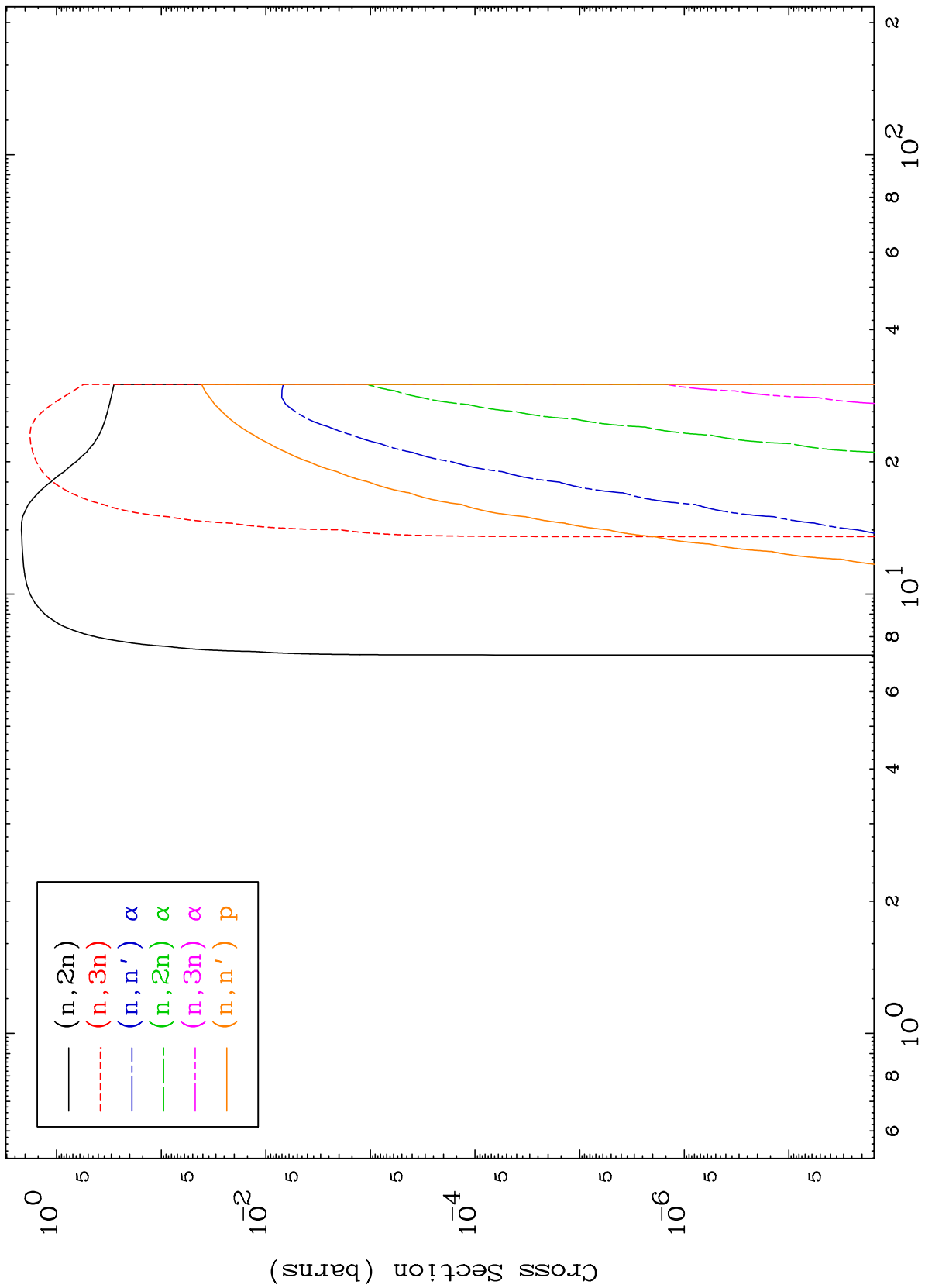
MAT 7937

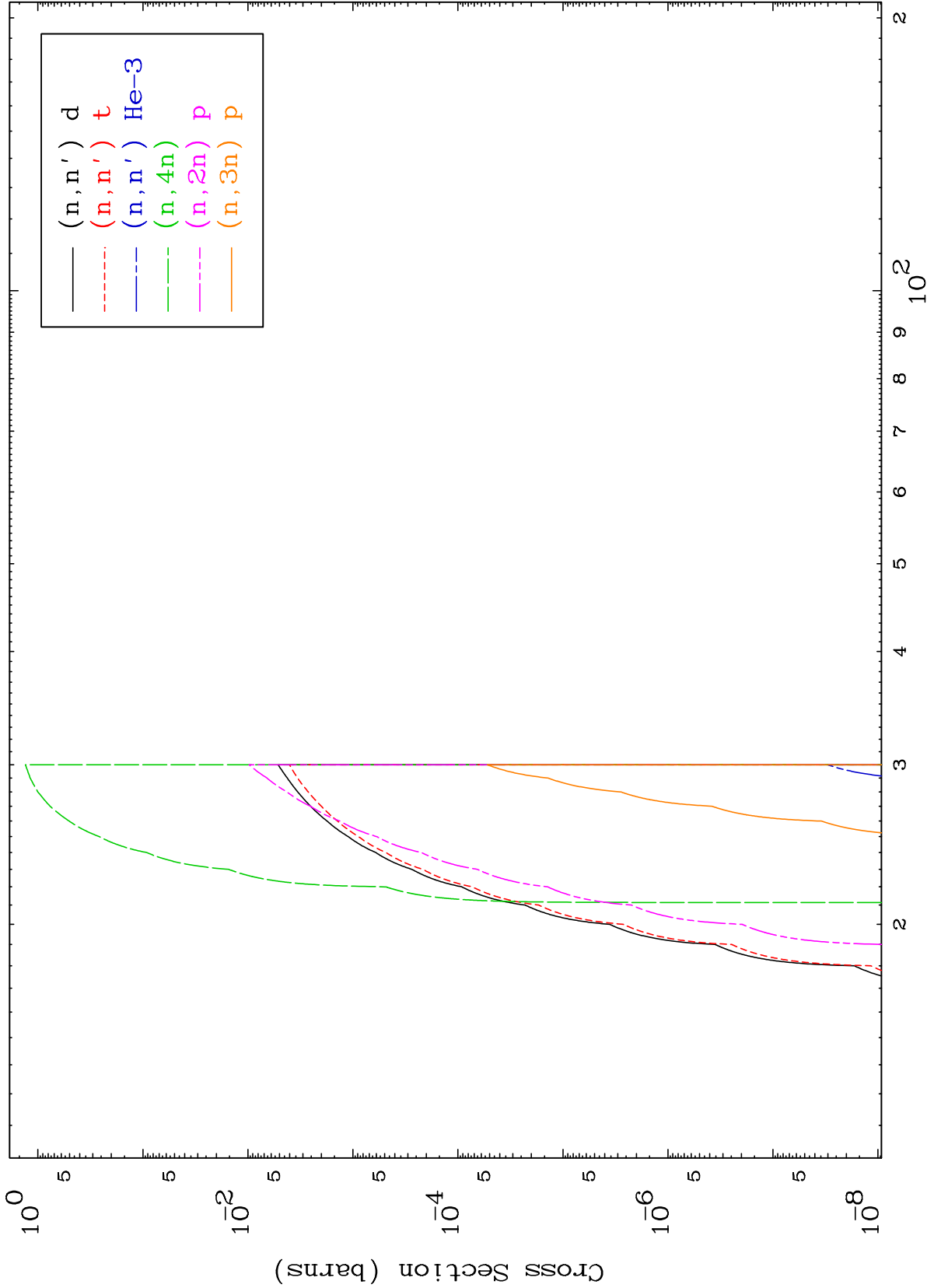
Major

293 Kelvin Cross Sections

79-Au-201



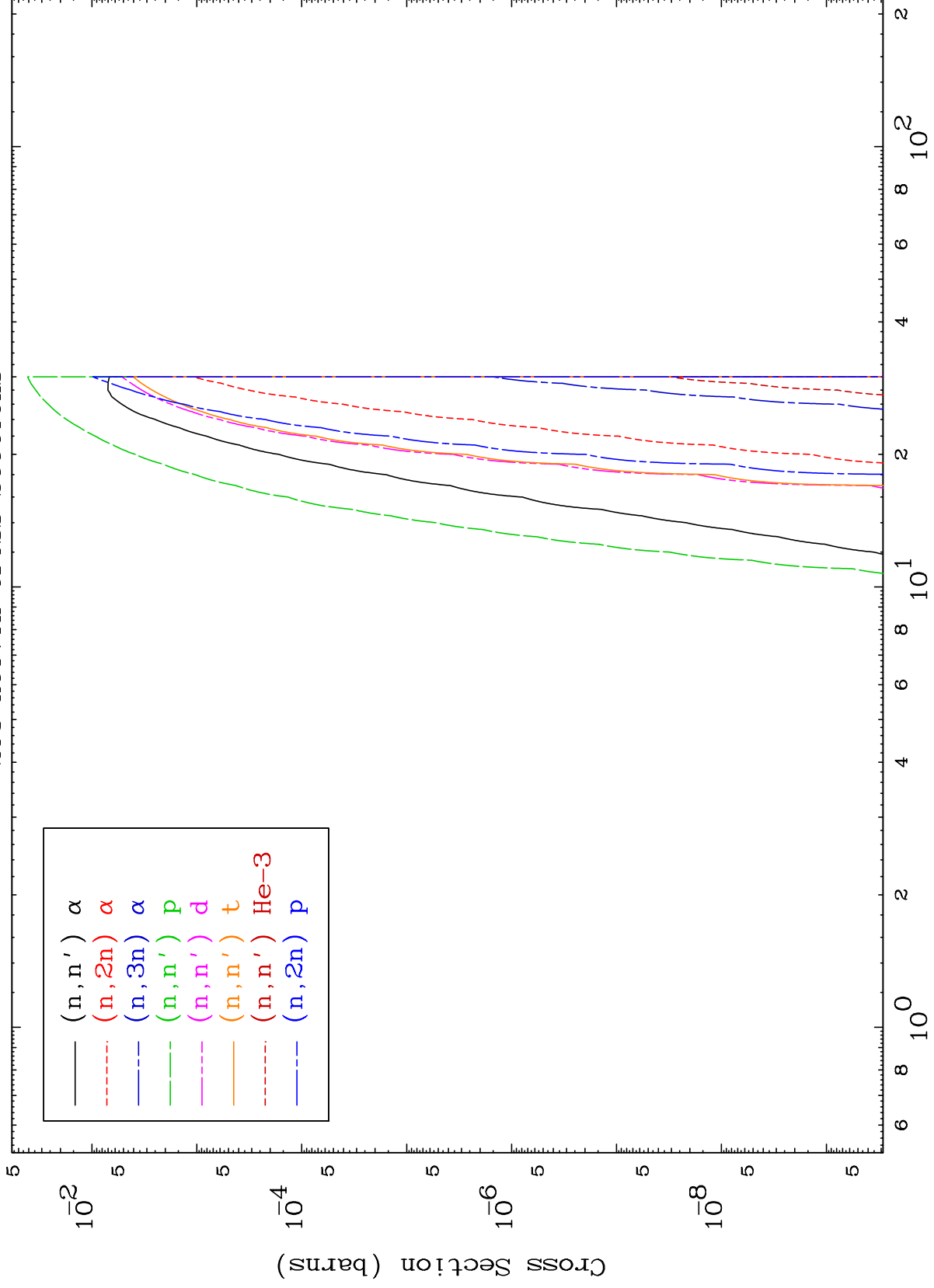




MAT 7937

Charged Particle
293 Kelvin Cross Sections

79-Au-201



4

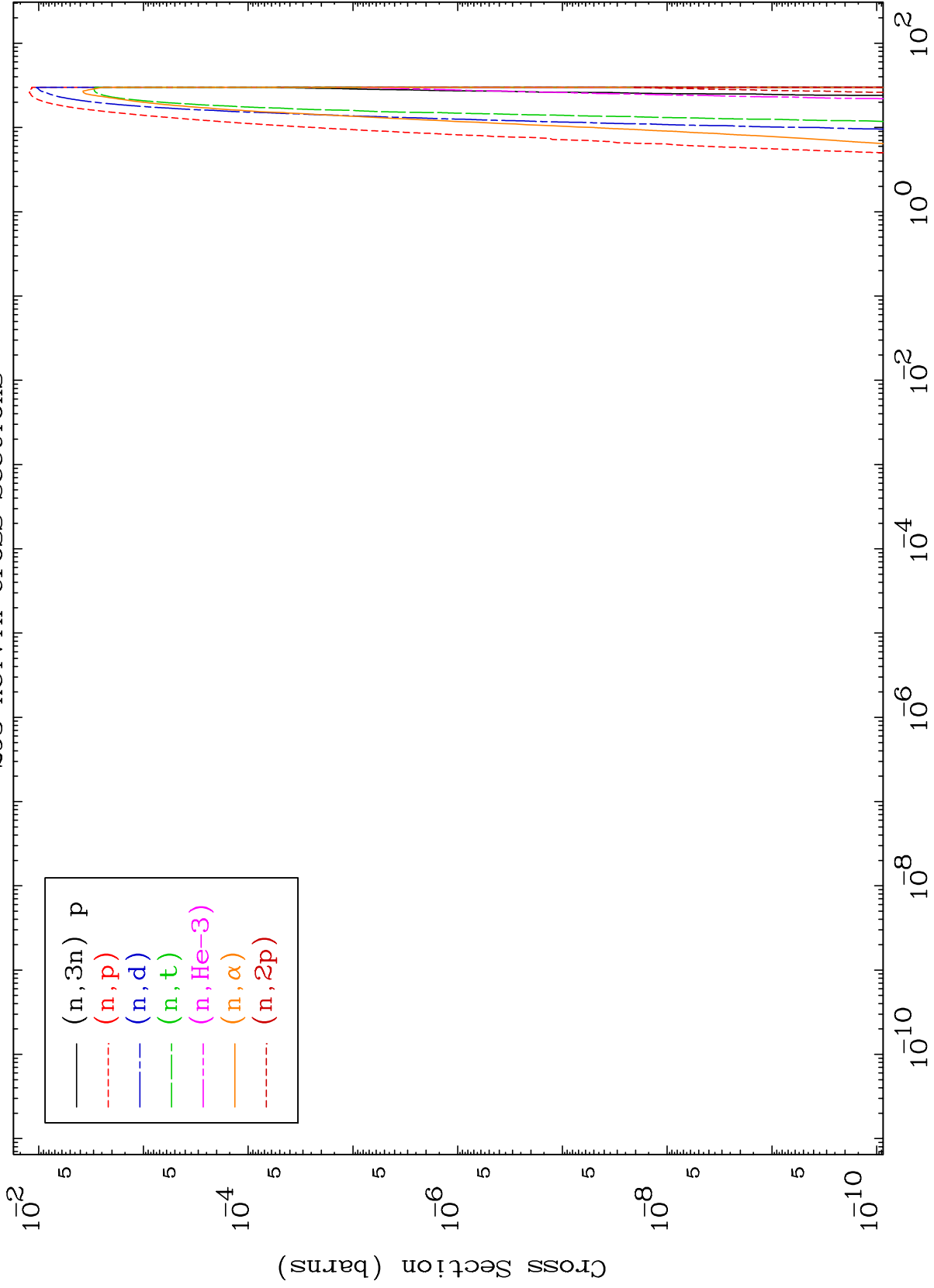
Incident Energy (MeV)

79-Au-201

MAT 7937

Charged Particle
293 Kelvin Cross Sections

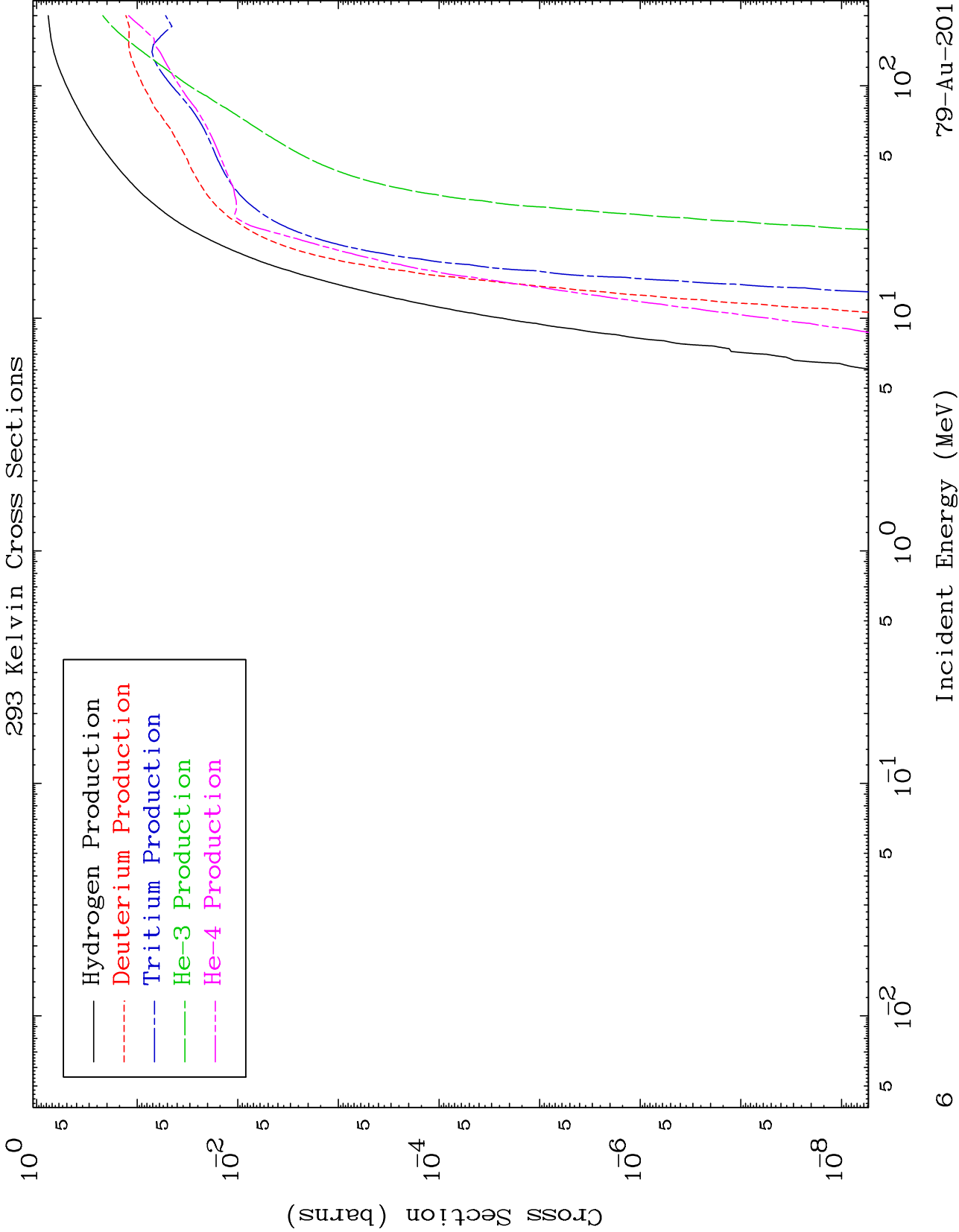
79-Au-201



MAT 7937

Particle Production
293 Kelvin Cross Sections

79-Au-201

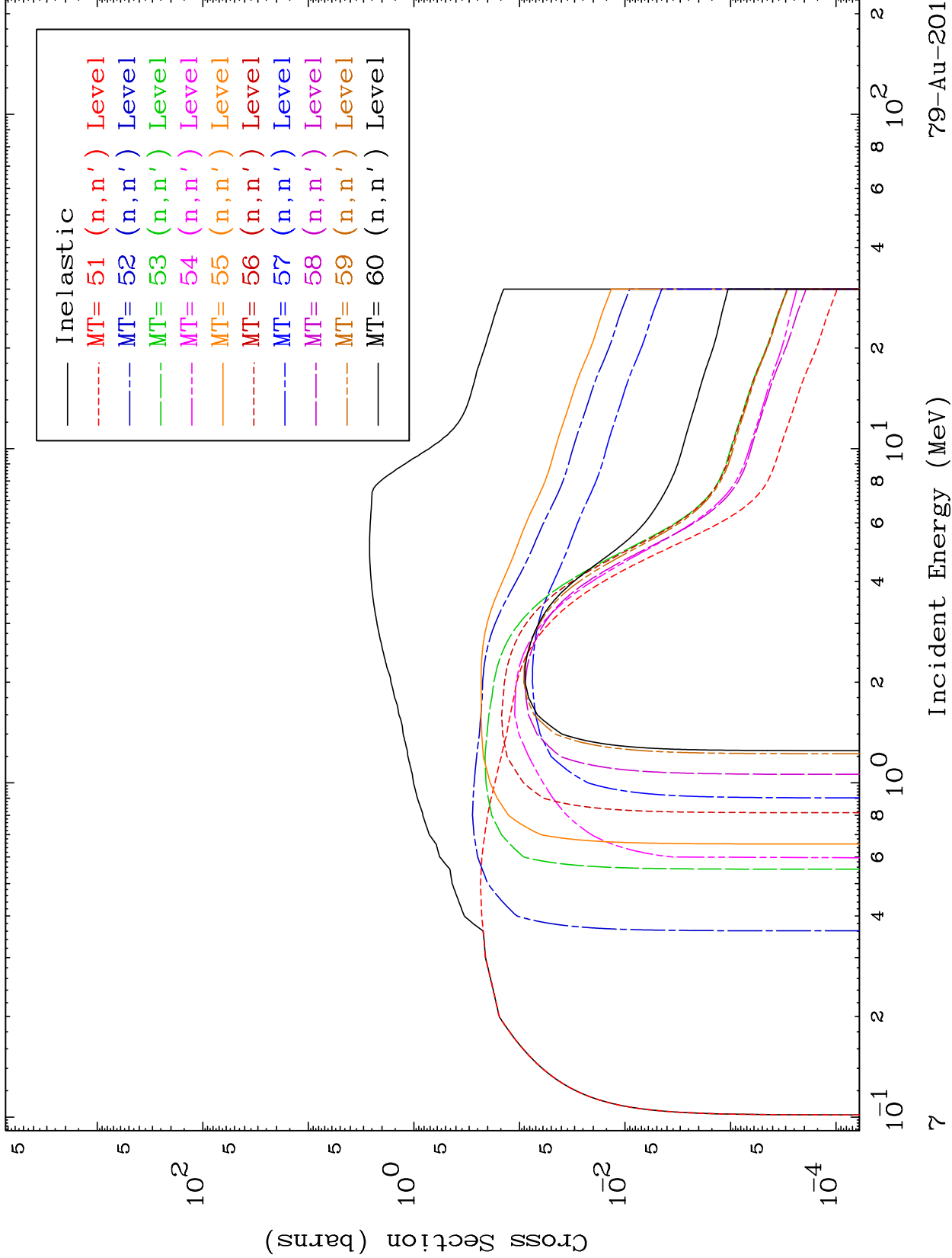


79-Au-201

Incident Energy (MeV)

6

293 Kelvin Cross Sections

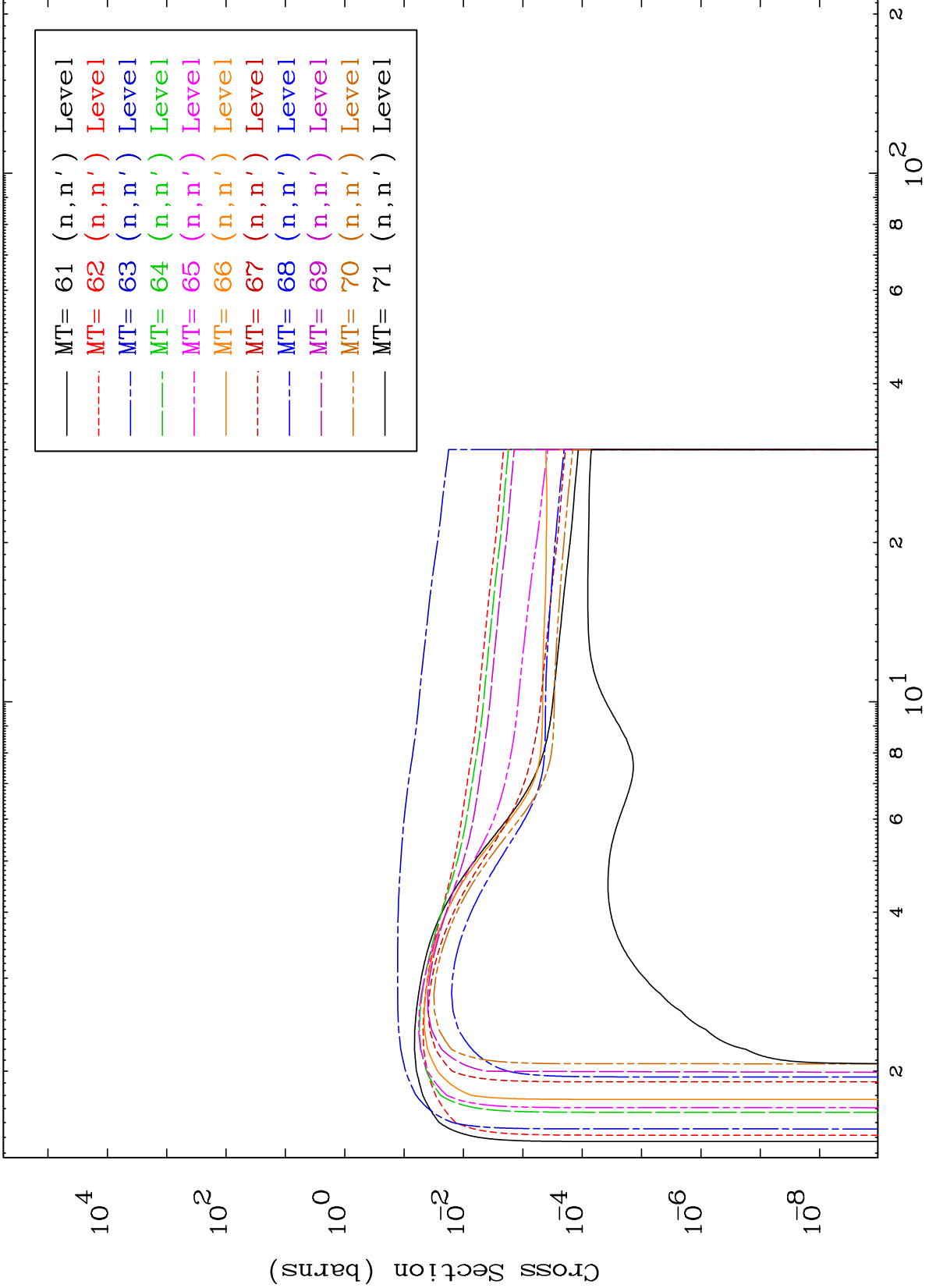


MAT 7937

(n,n') Level

79-Au-201

293 Kelvin Cross Sections



8

Incident Energy (MeV)

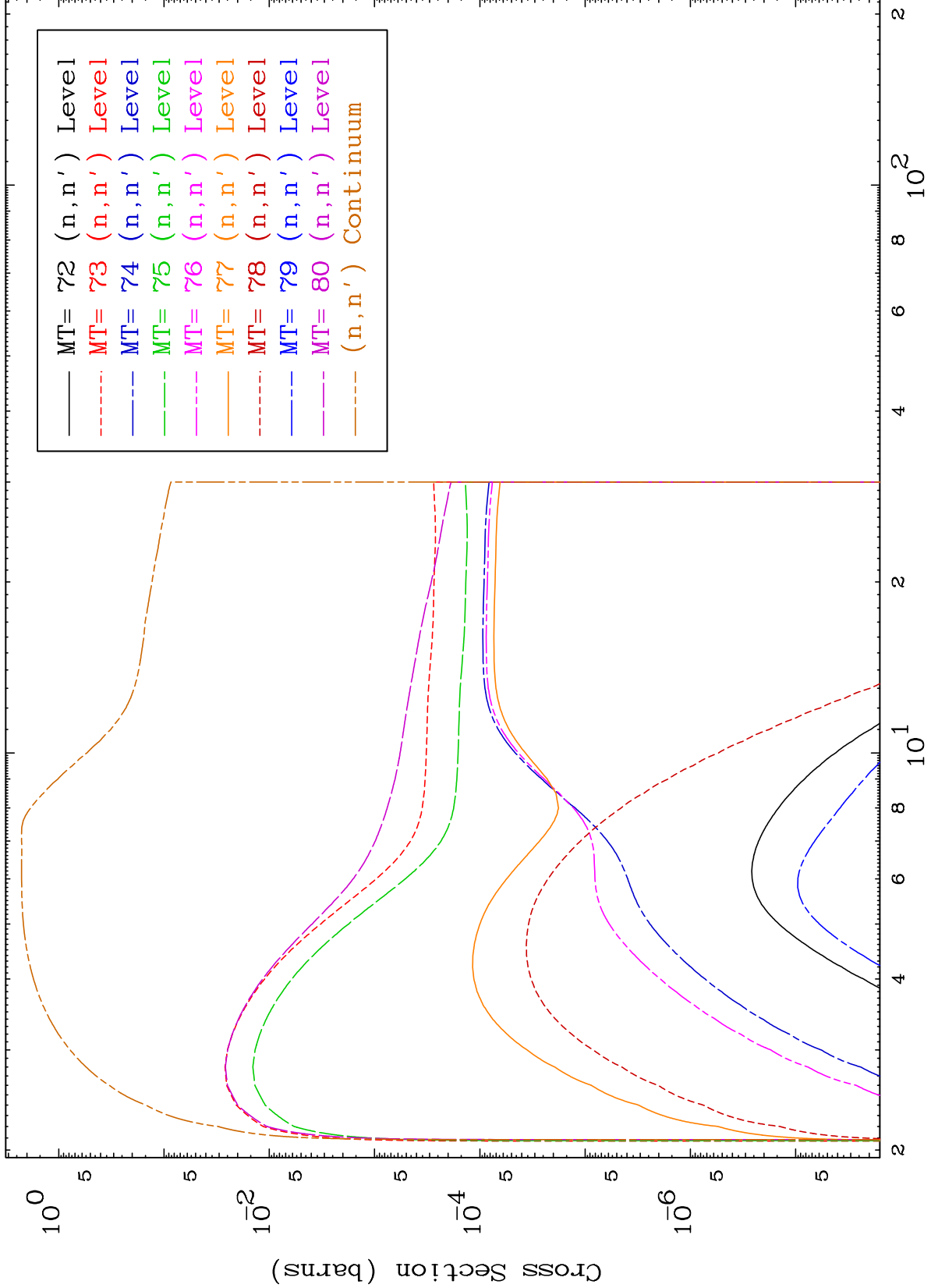
79-Au-201

MAT 7937

(n,n') Level

79-Au-201

293 Kelvin Cross Sections



9

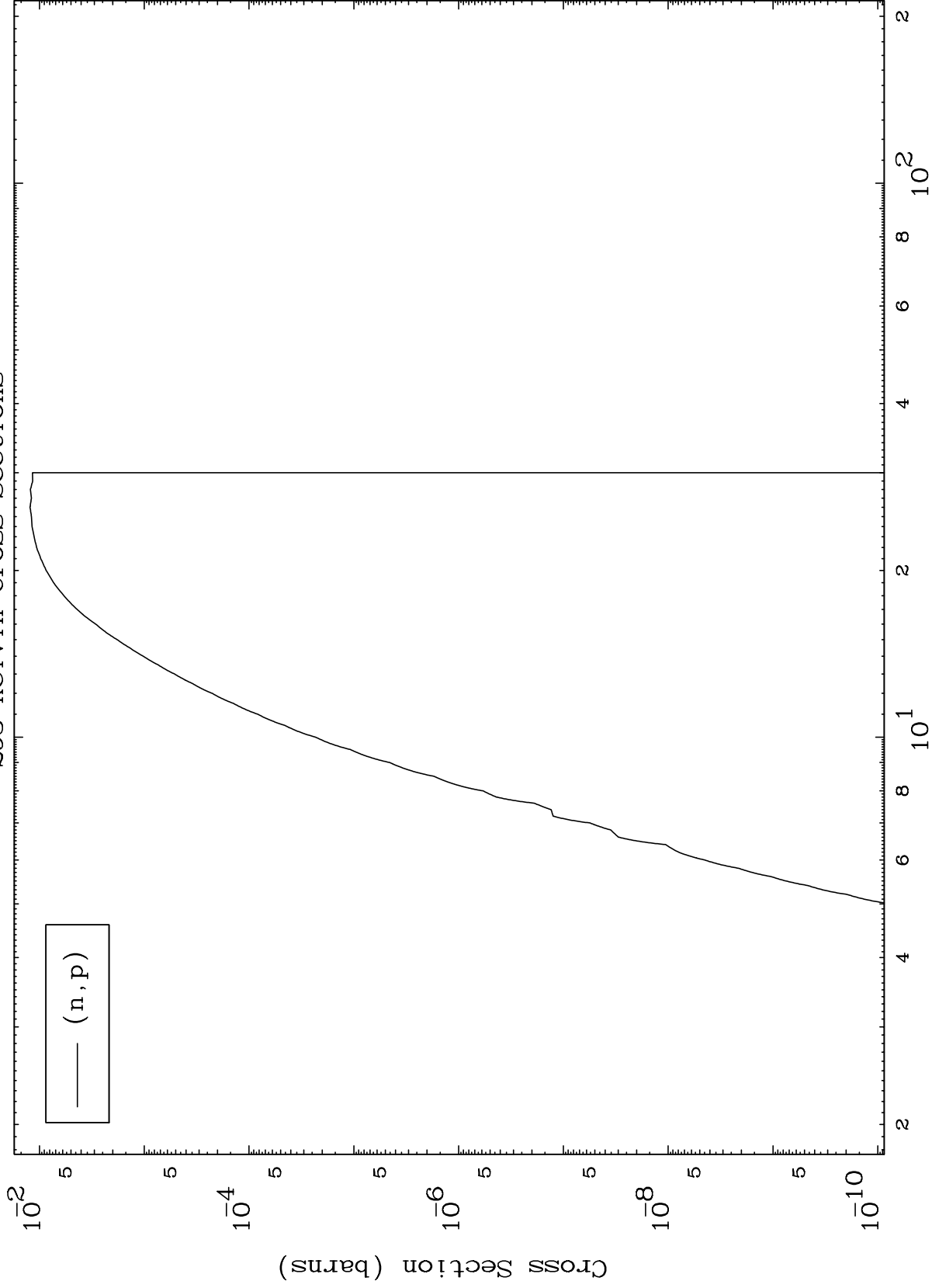
Incident Energy (MeV)

79-Au-201

MAT 7937

(n,p) Levels
293 Kelvin Cross Sections

79-Au-201



10

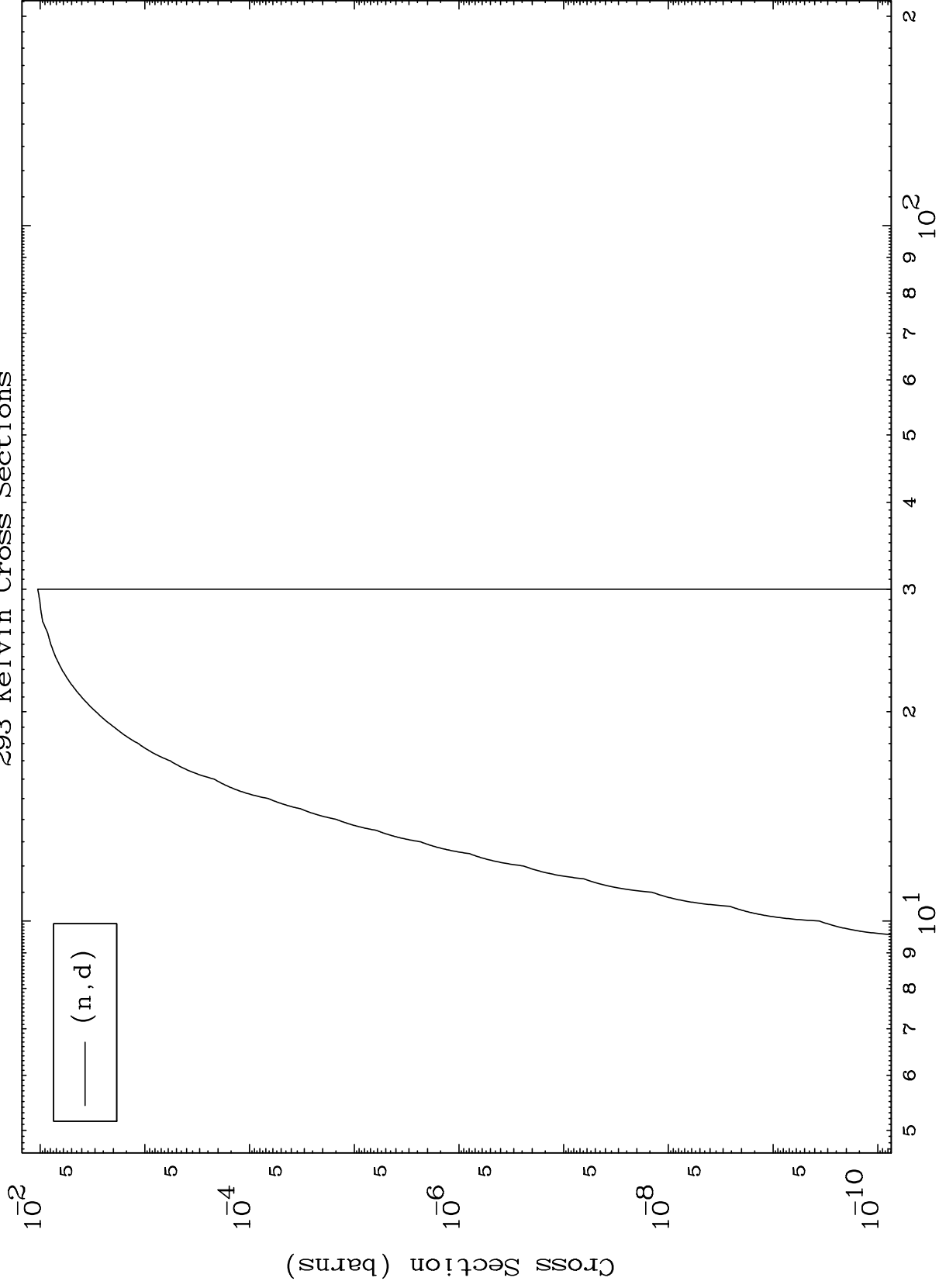
Incident Energy (MeV)

79-Au-201

MAT 7937

(n,d) Levels
293 Kelvin Cross Sections

79-Au-201



11

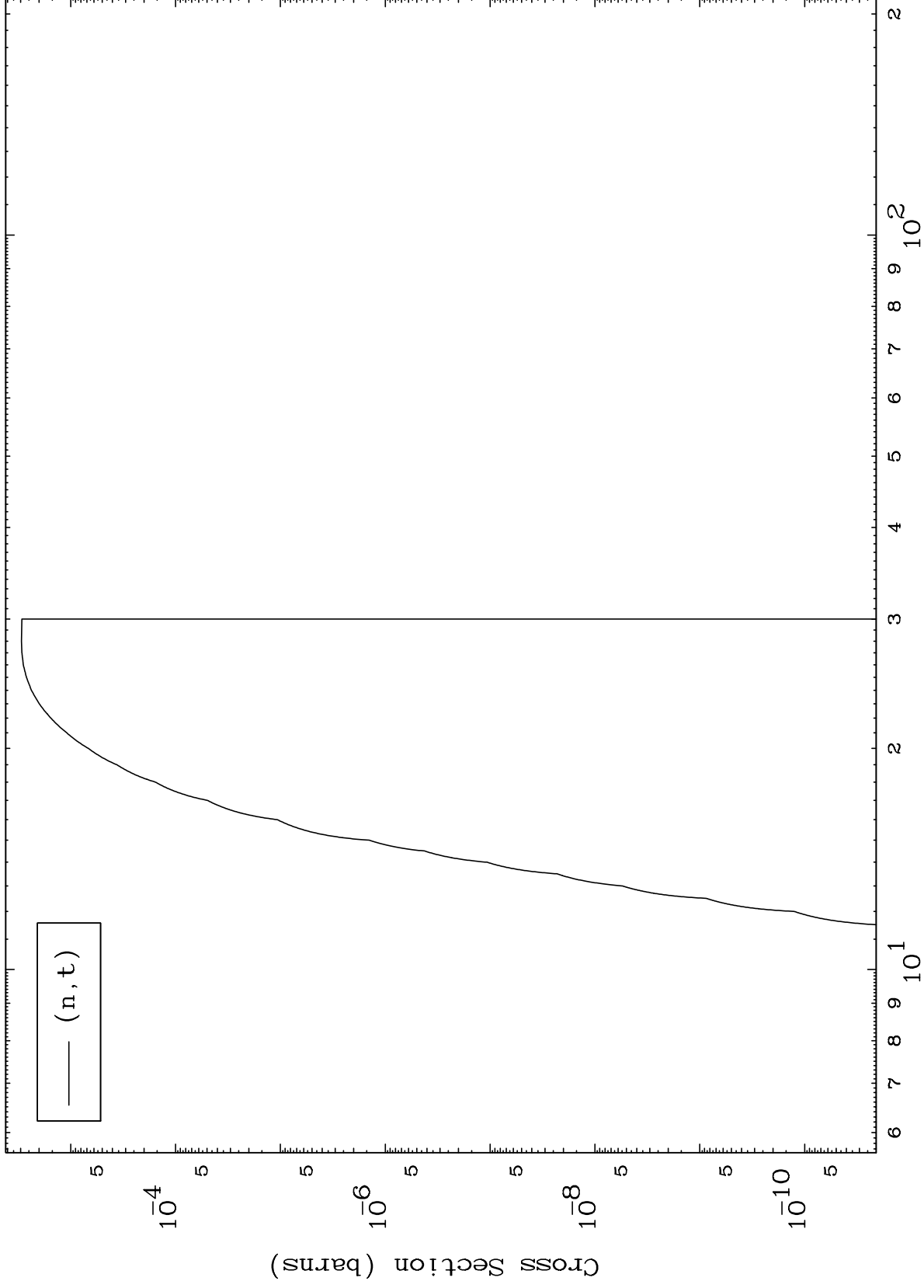
Incident Energy (MeV)

79-Au-201

MAT 7937

(n,t) Levels
293 Kelvin Cross Sections

79-Au-201



12

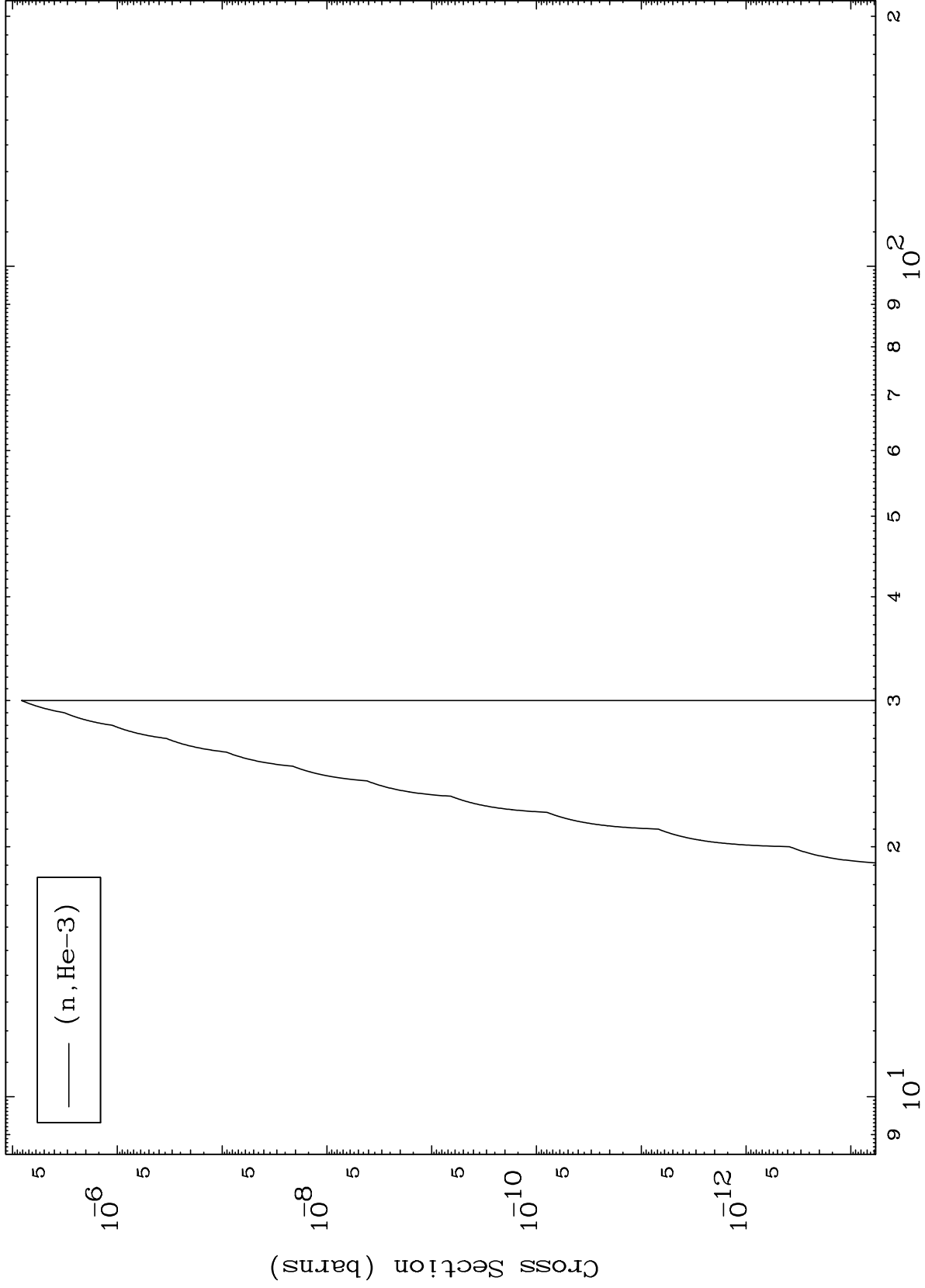
Incident Energy (MeV)

79-Au-201

MAT 7937

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-201



13

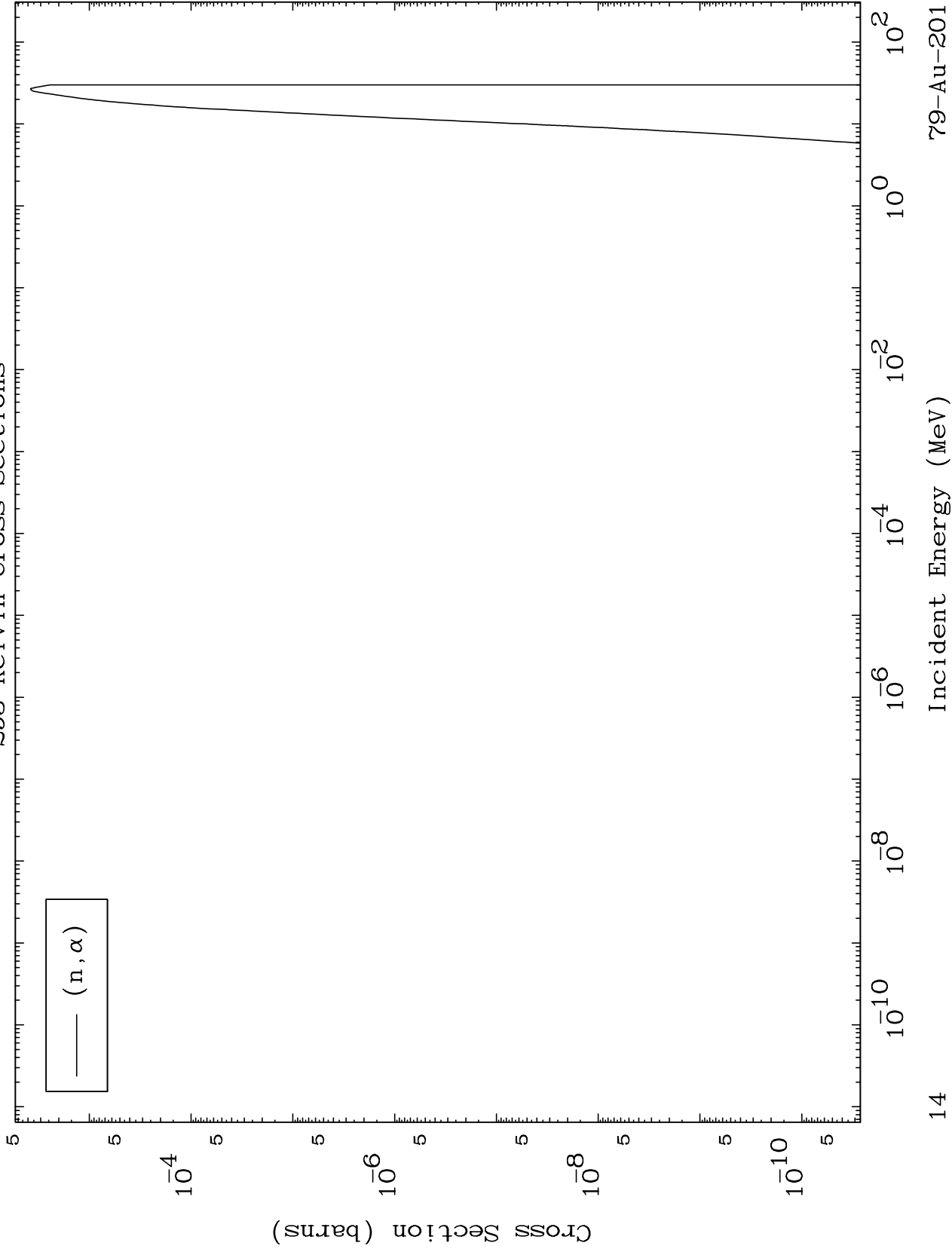
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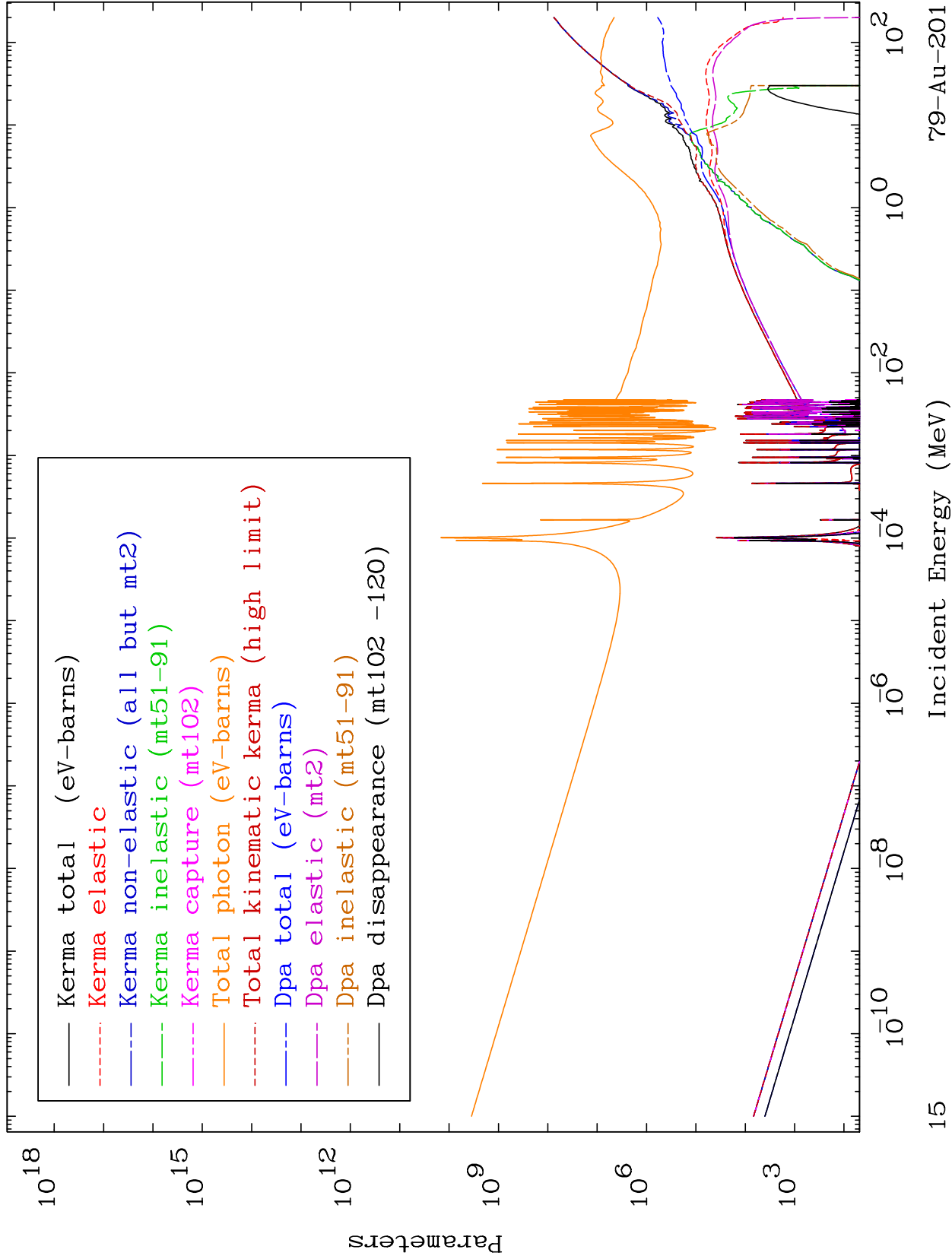
79-Au-201

MAT 7937

(n, α) Levels
293 Kelvin Cross Sections

79-Au-201

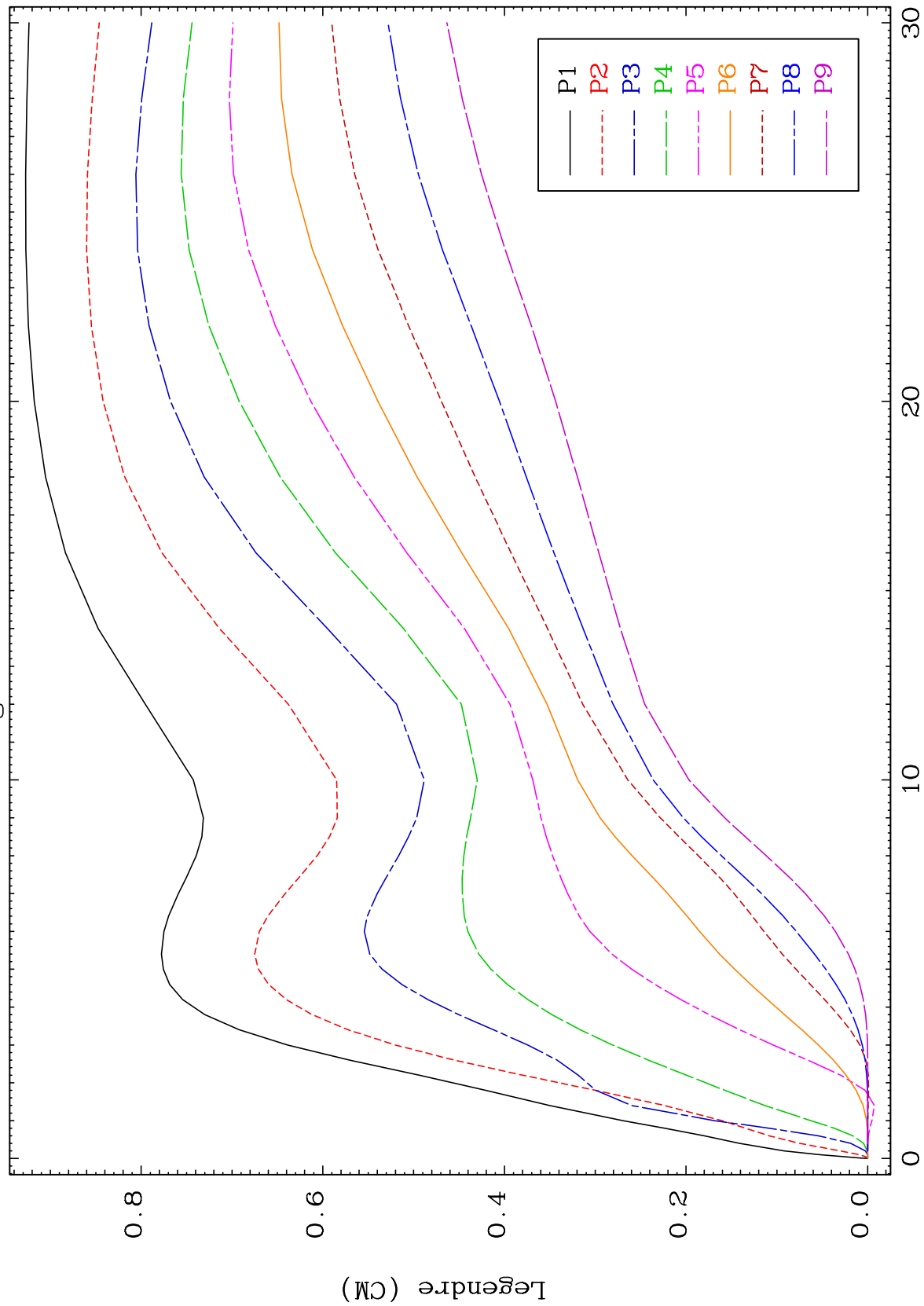




MAT 7937

79-Au-201

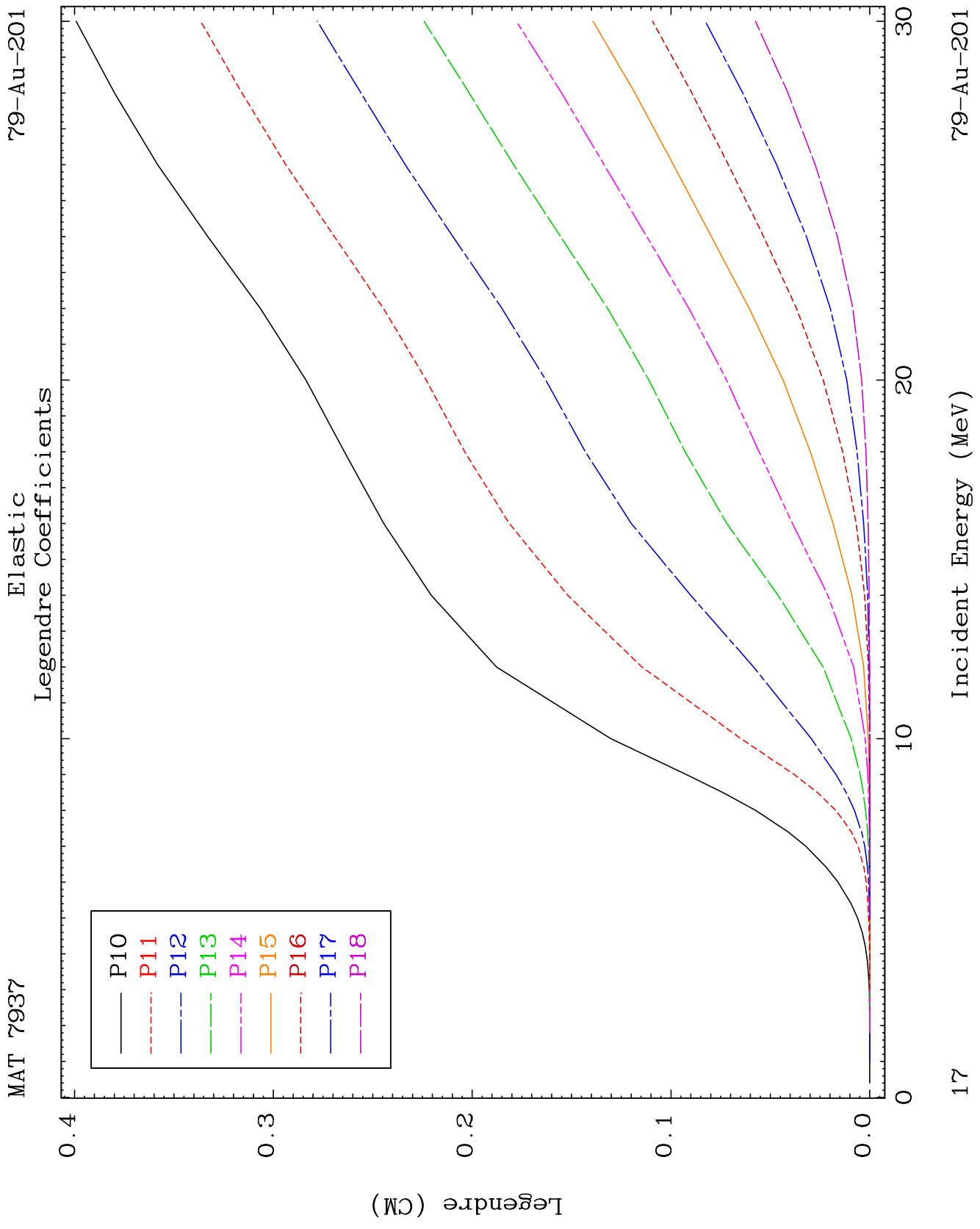
Elastic Legendre Coefficients



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Incident Energy (MeV)

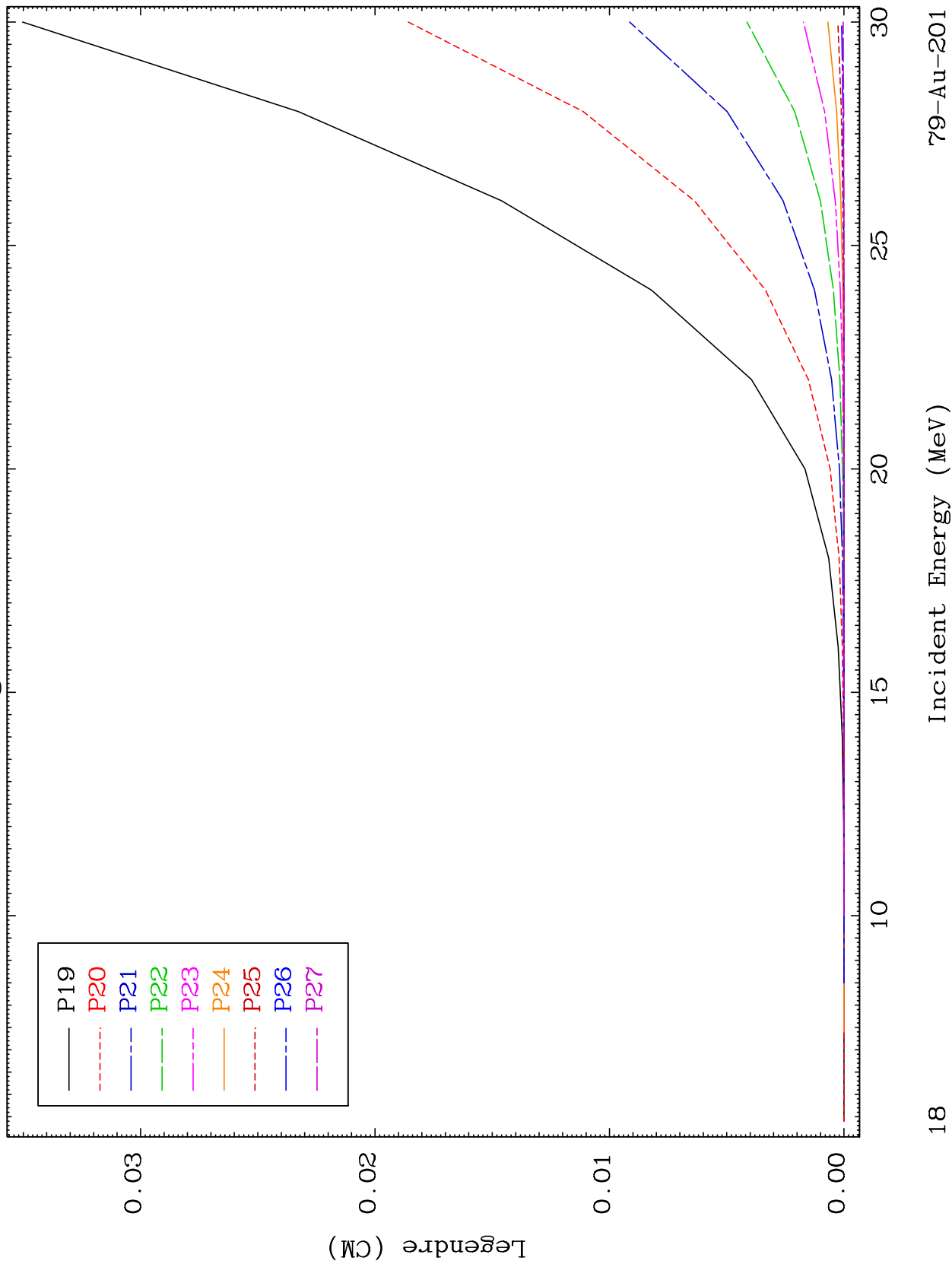
79-Au-201



MAT 7937

Elastic Legendre Coefficients

79-Au-201



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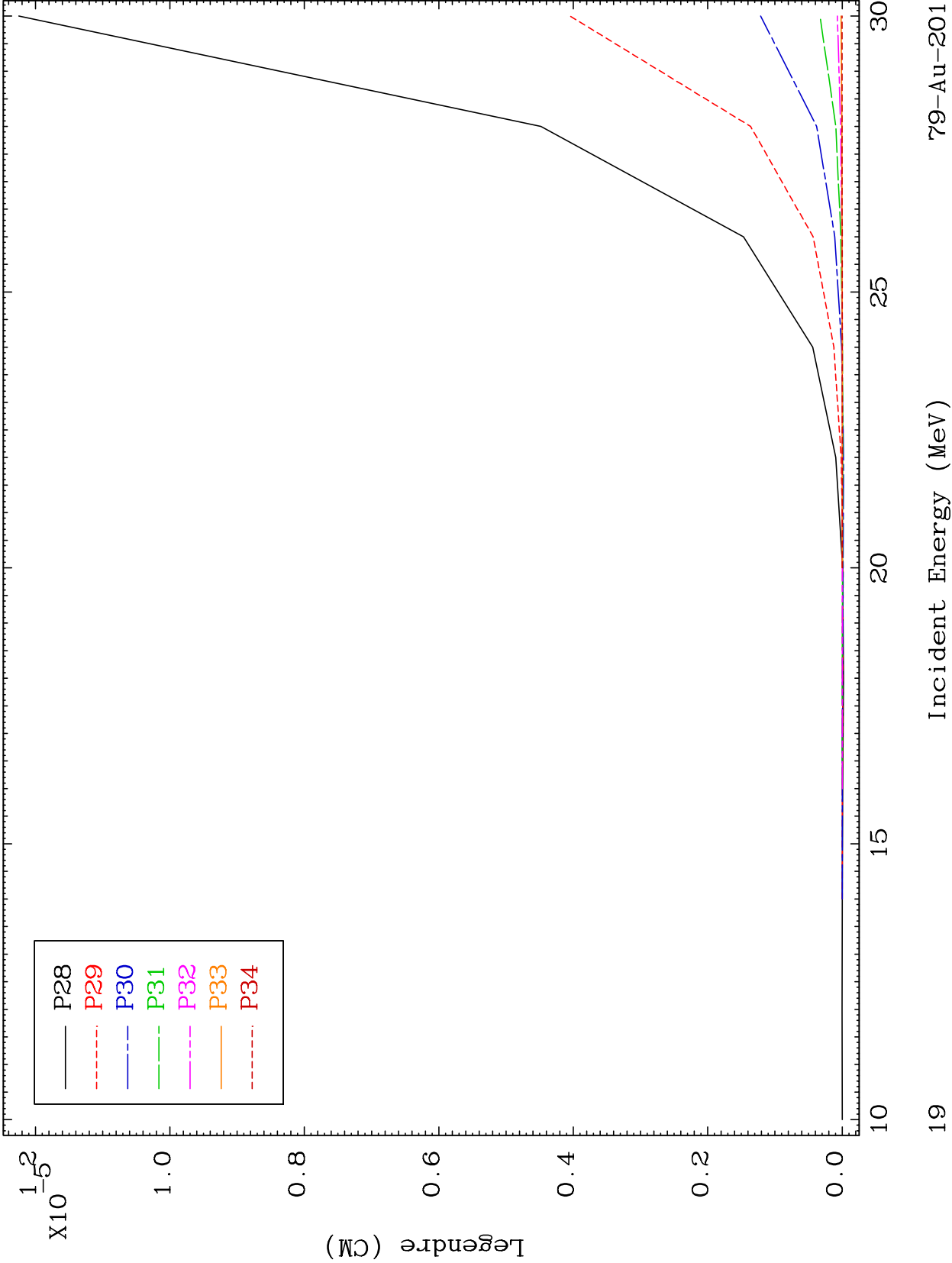
Incident Energy (MeV)

79-Au-201

MAT 7937

Elastic Legendre Coefficients

79-Au-201



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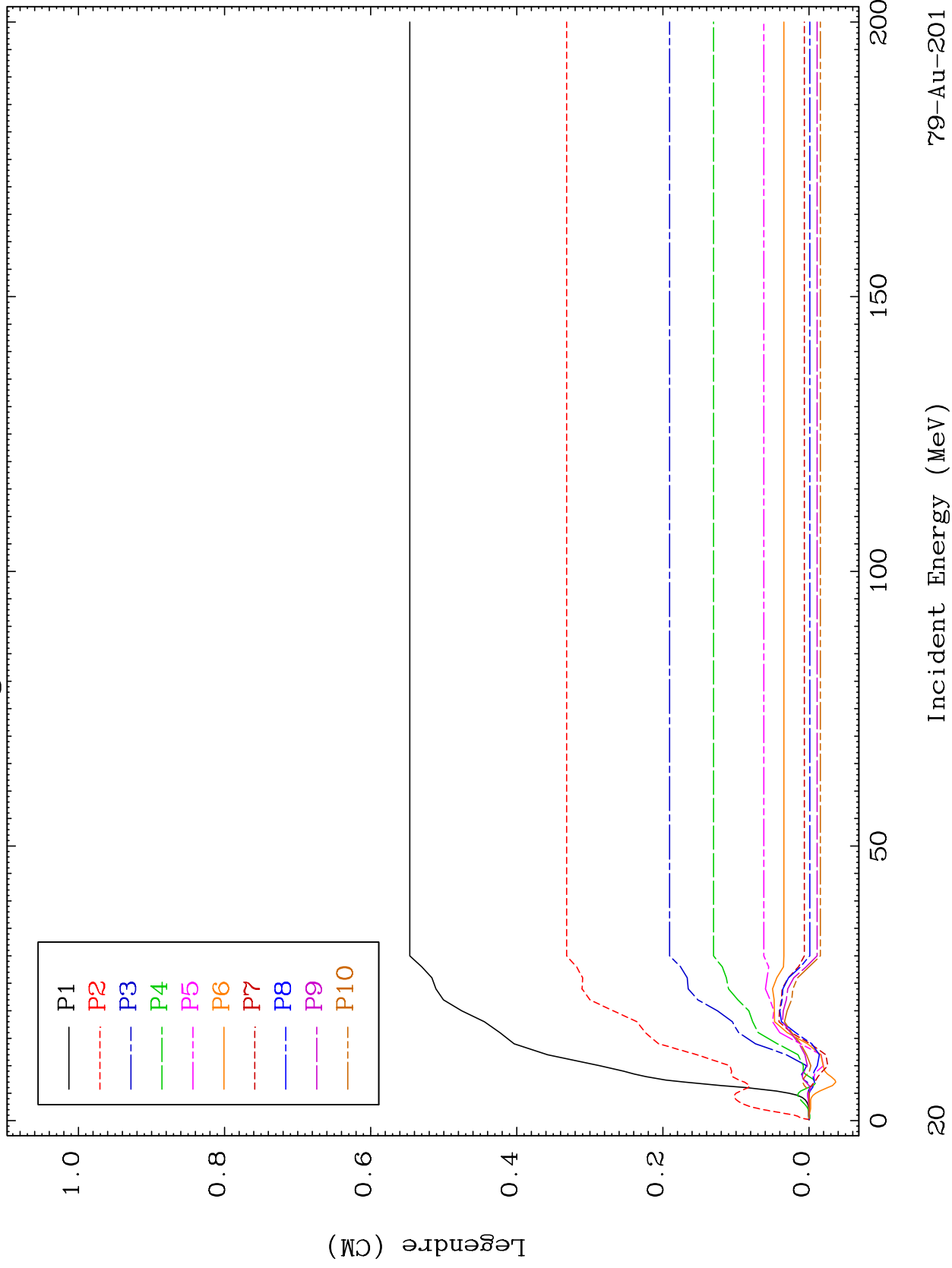
Incident Energy (MeV)

79-Au-201

MAT 7937

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

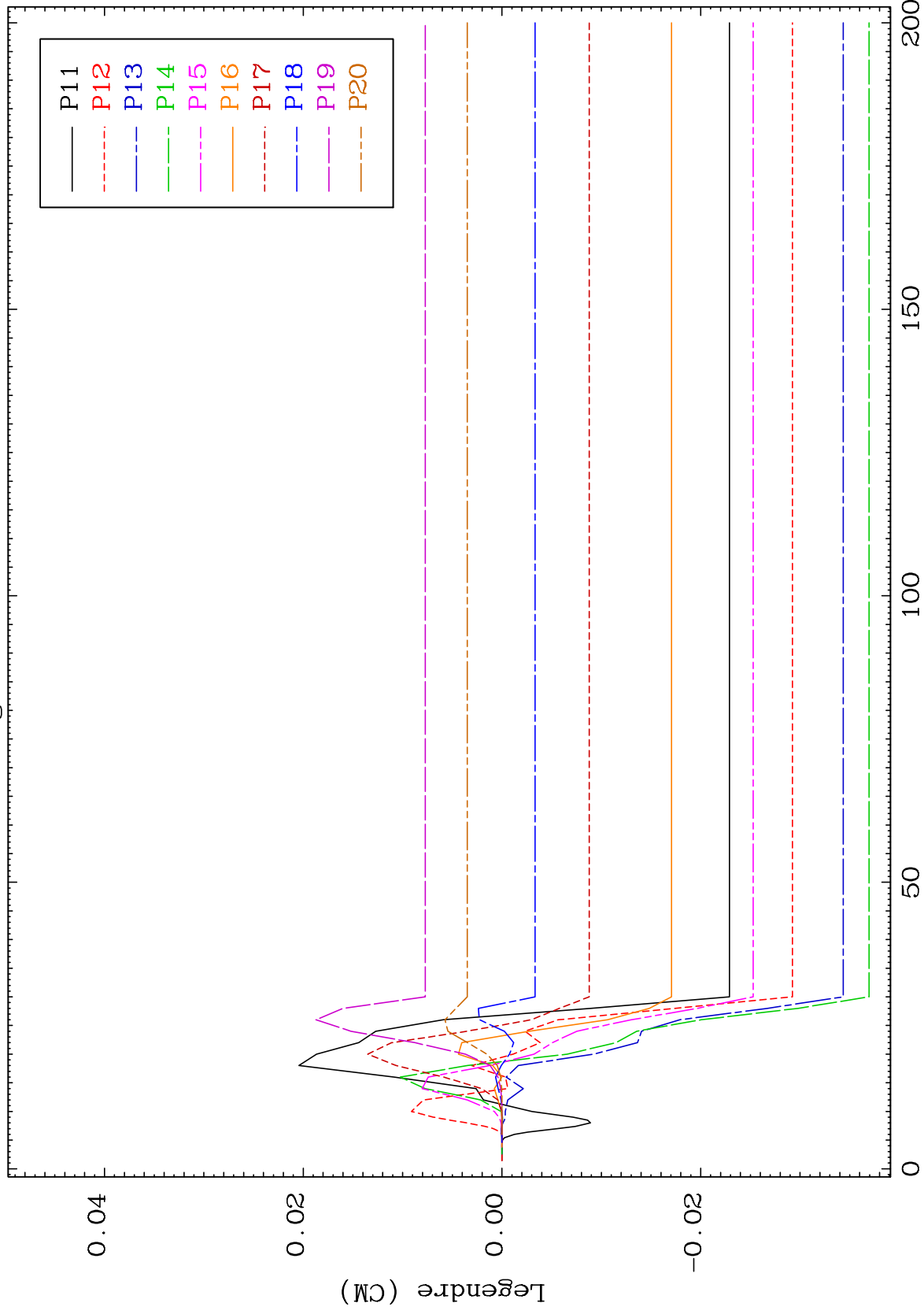
79-Au-201



MAT 7937

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

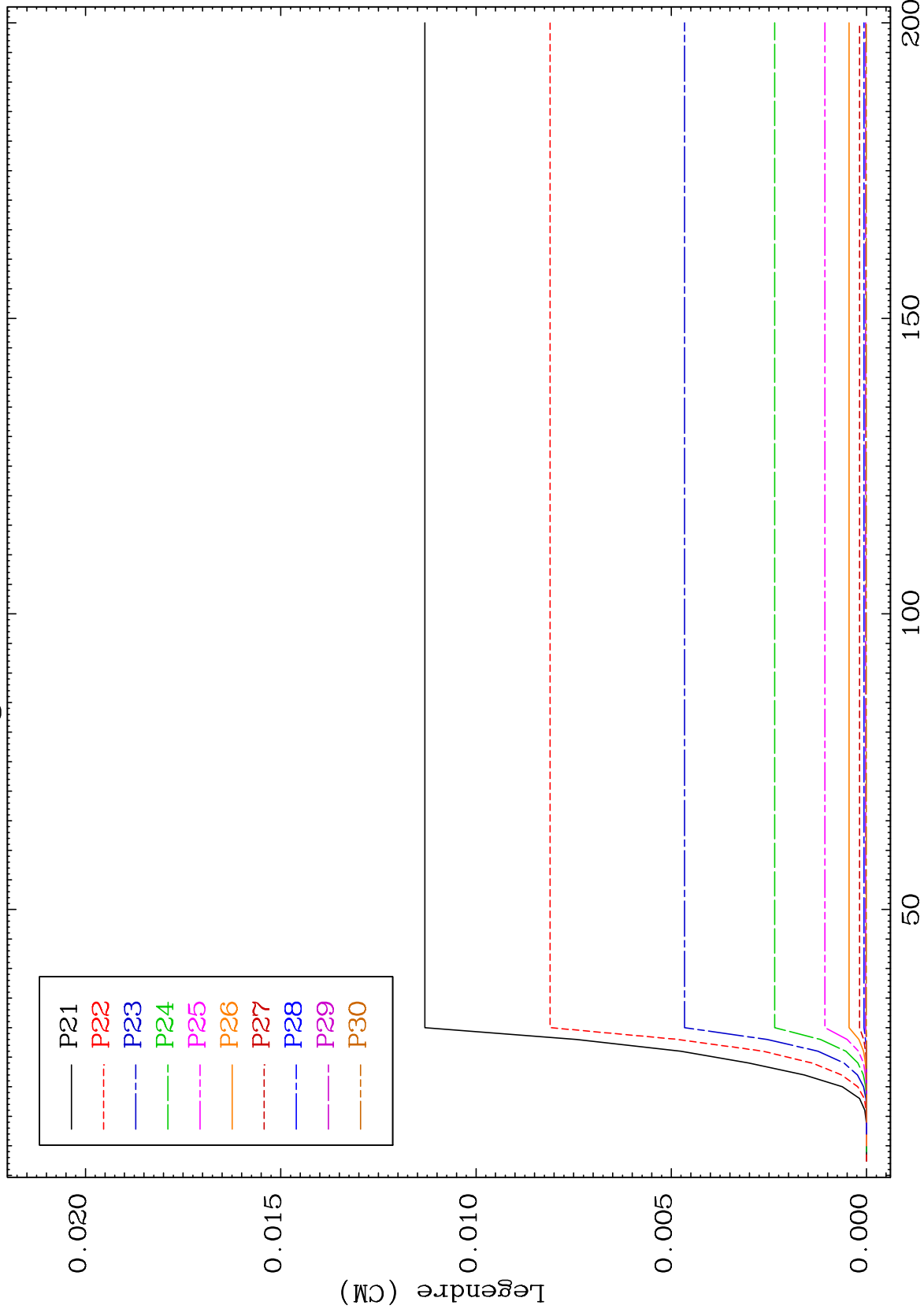
79-Au-201



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Incident Energy (MeV)

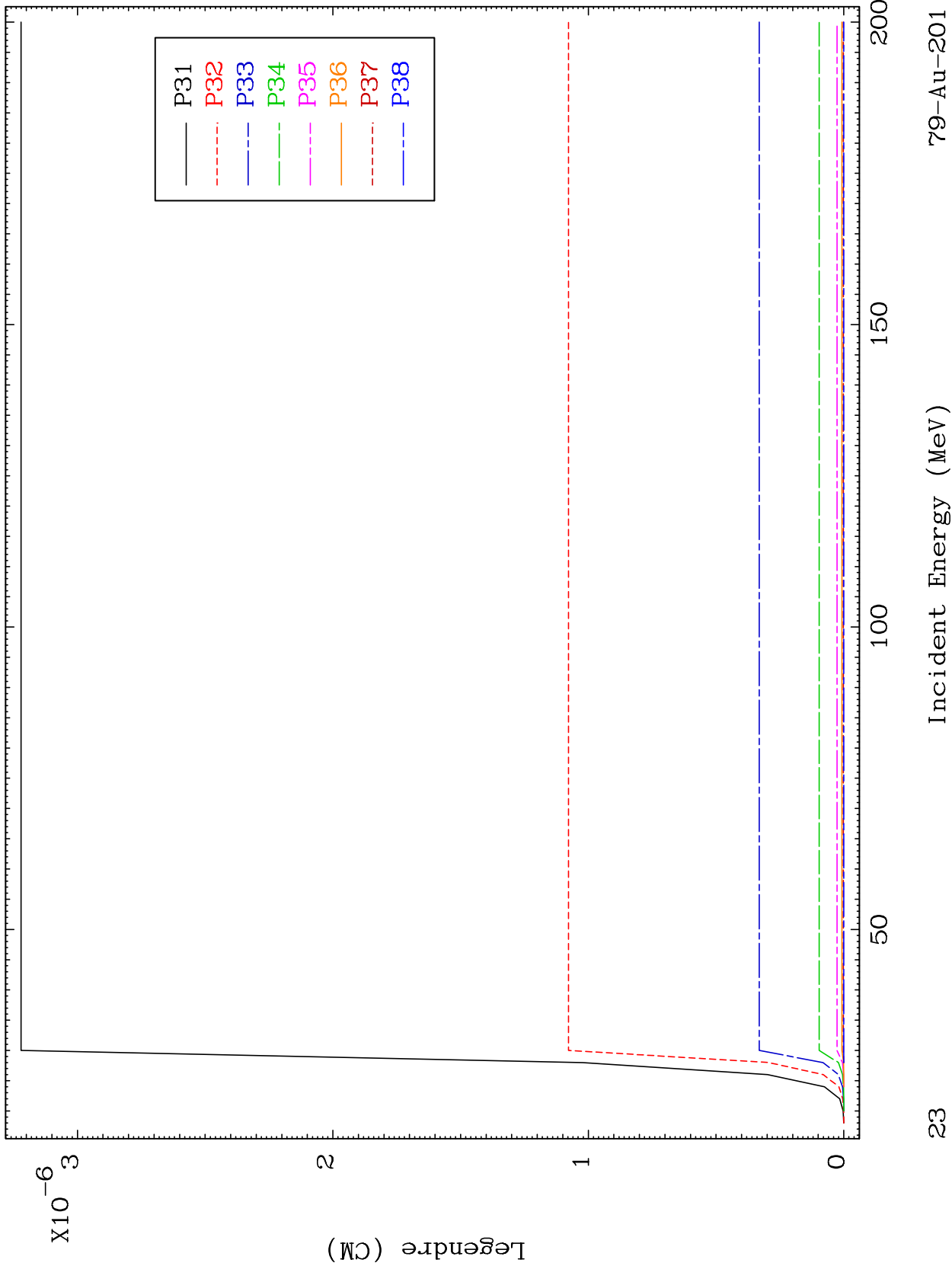
79-Au-201



MAT 7937

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

79-Au-201



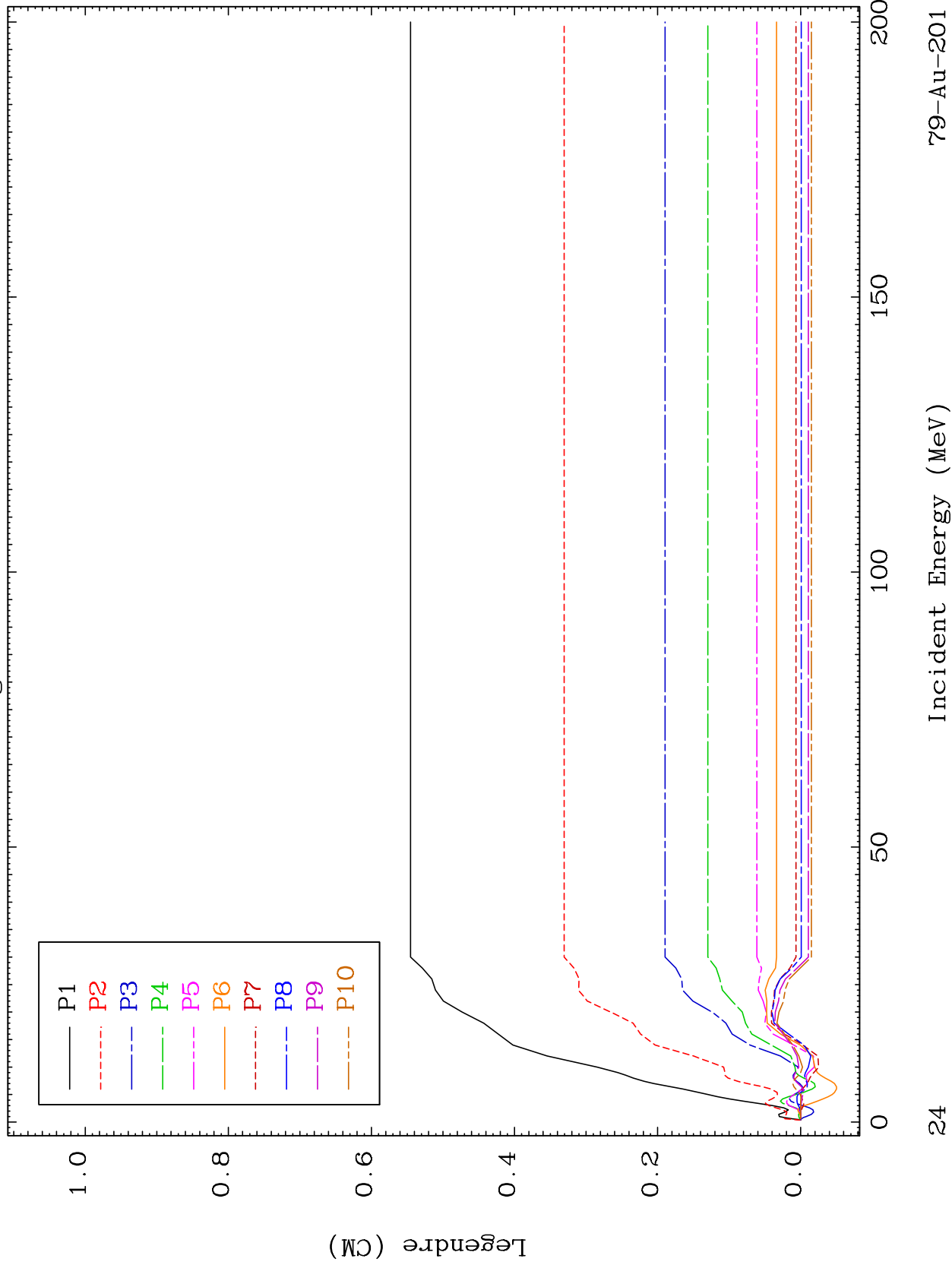
23

79-Au-201

MAT 7937

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

79-Au-201



24

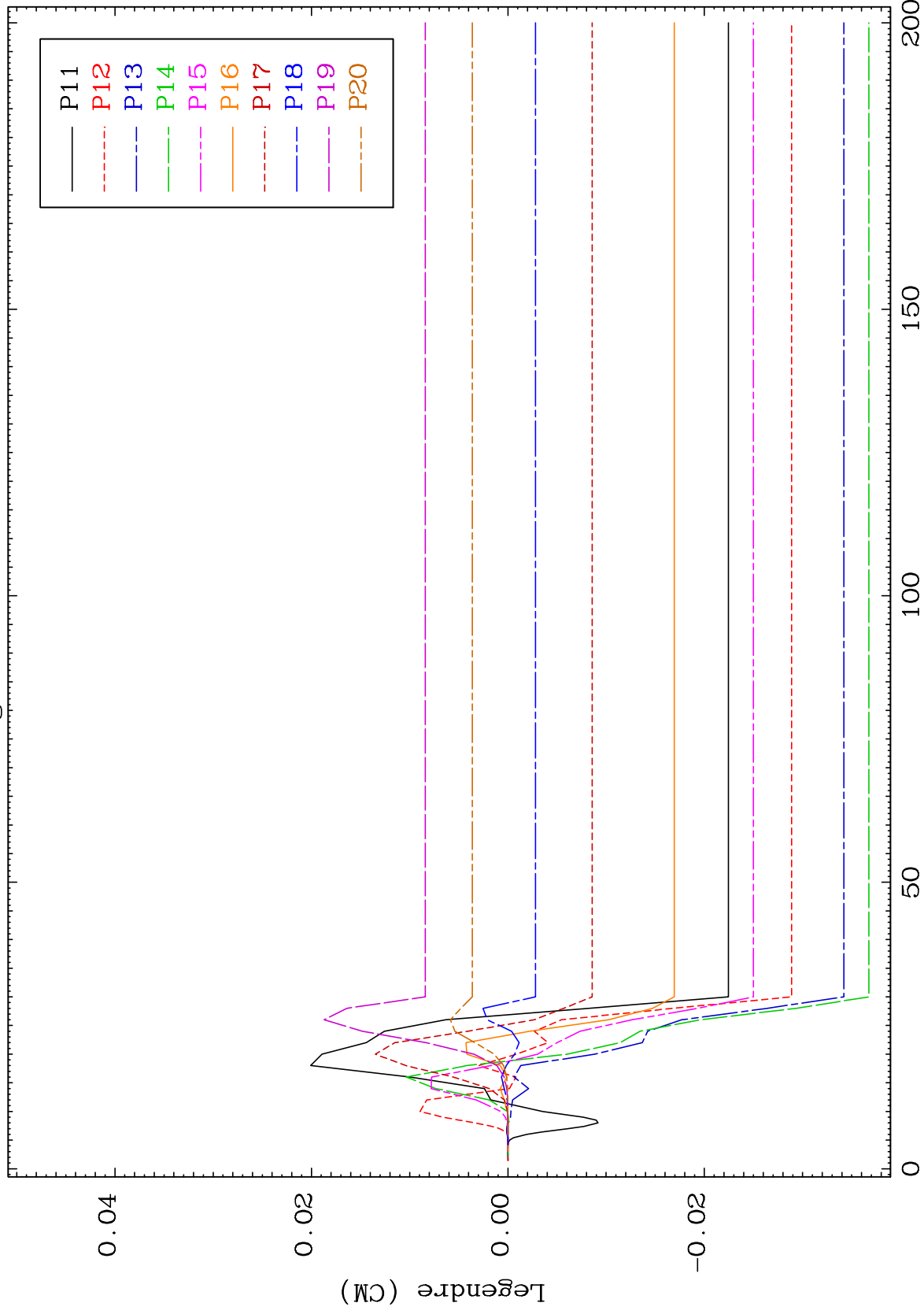
Incident Energy (MeV)

79-Au-201

MAT 7937

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

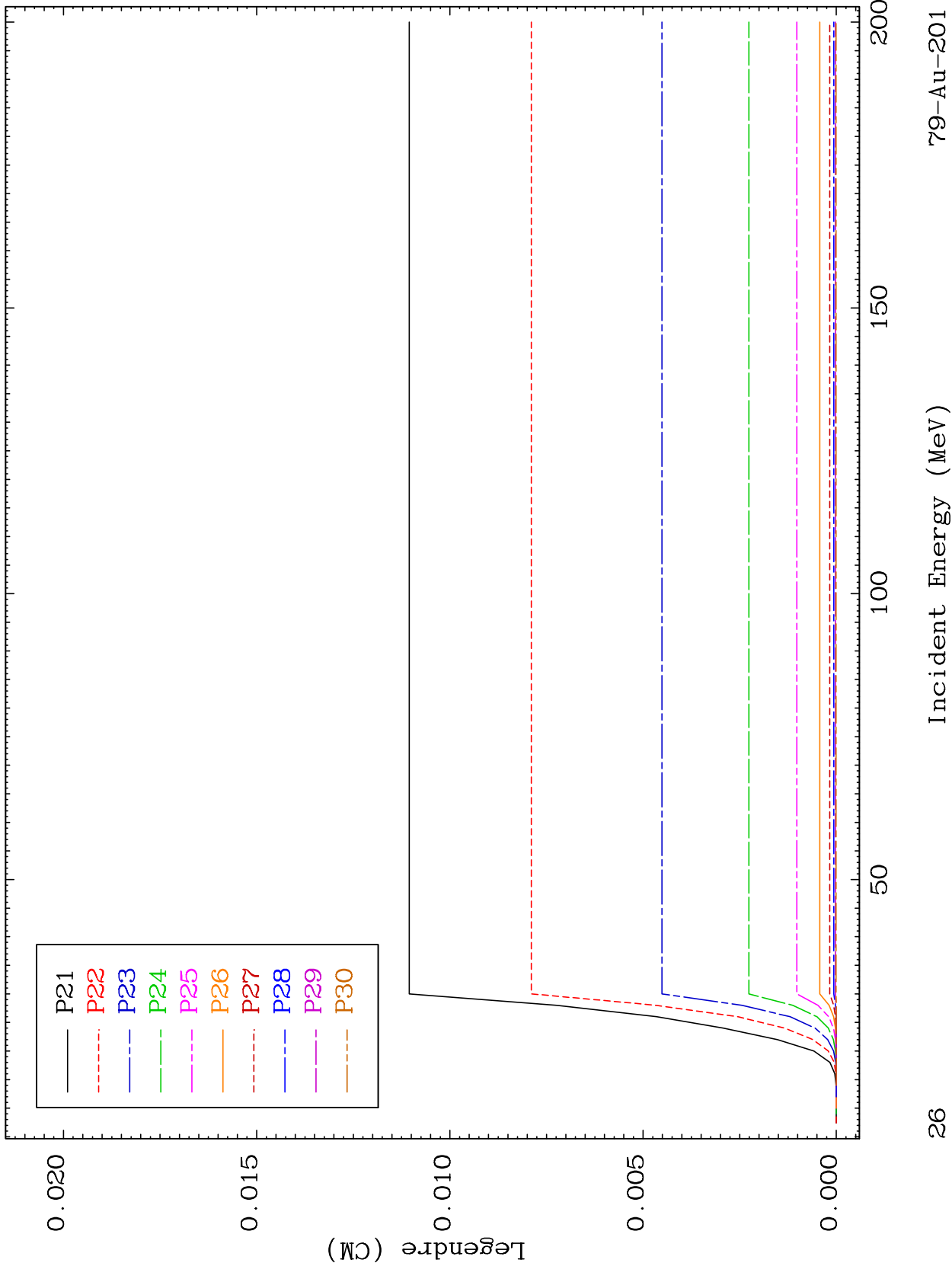
79-Au-201



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Incident Energy (MeV)

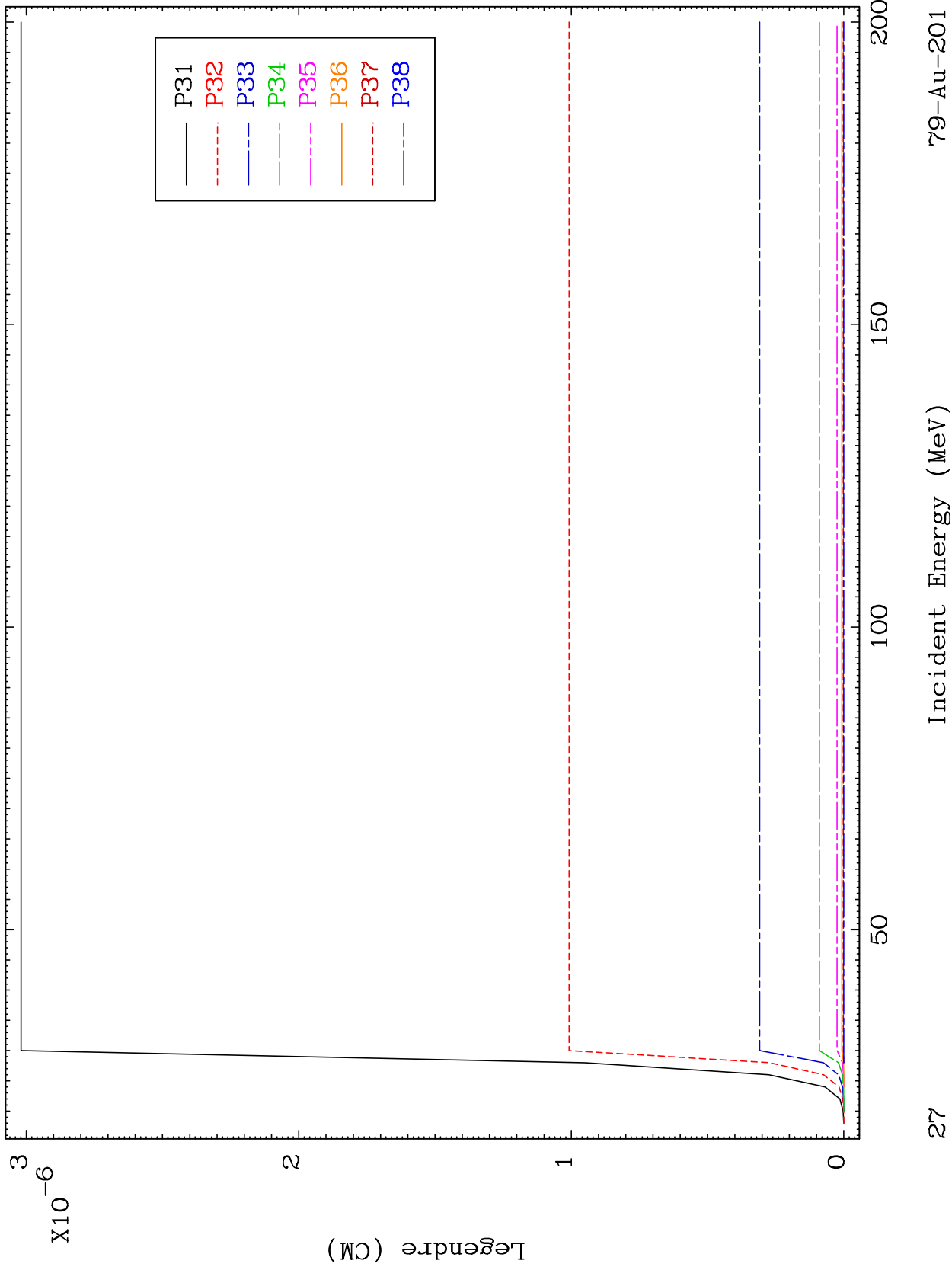
79-Au-201



MAT 7937

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

79-Au-201



27

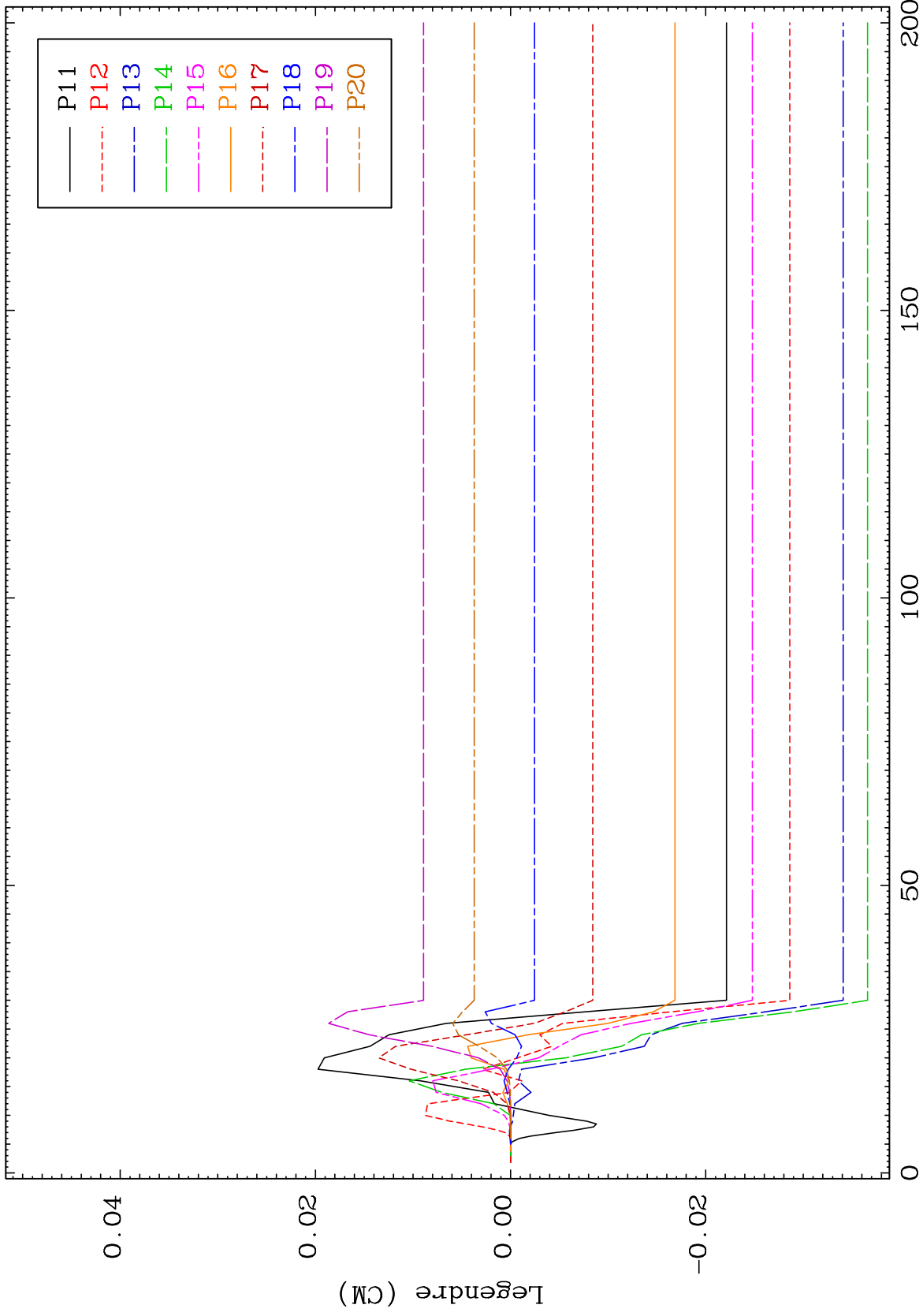
Incident Energy (MeV)

79-Au-201

MAT 7937

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

79-Au-201



29

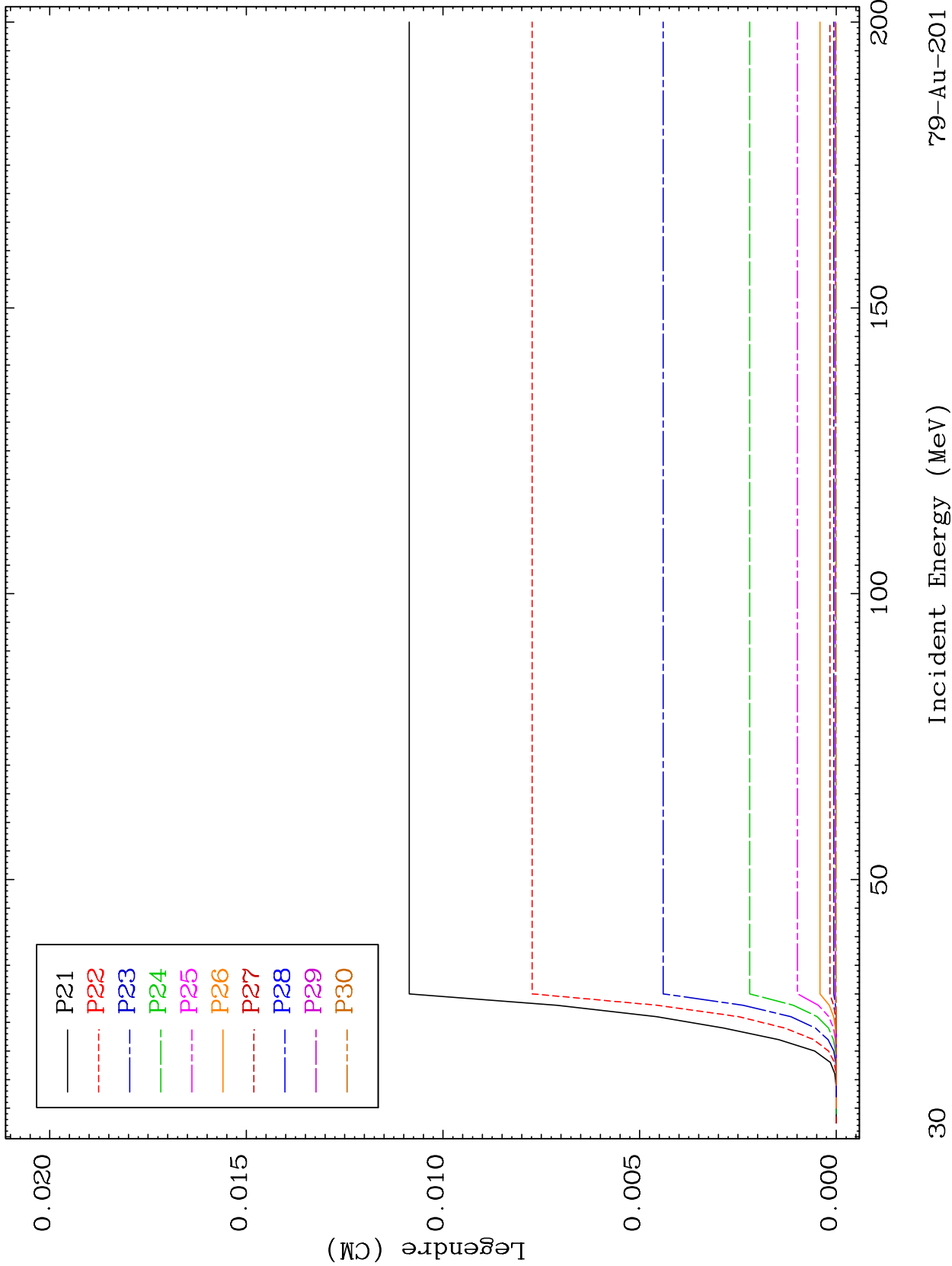
Incident Energy (MeV)

79-Au-201

MAT 7937

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

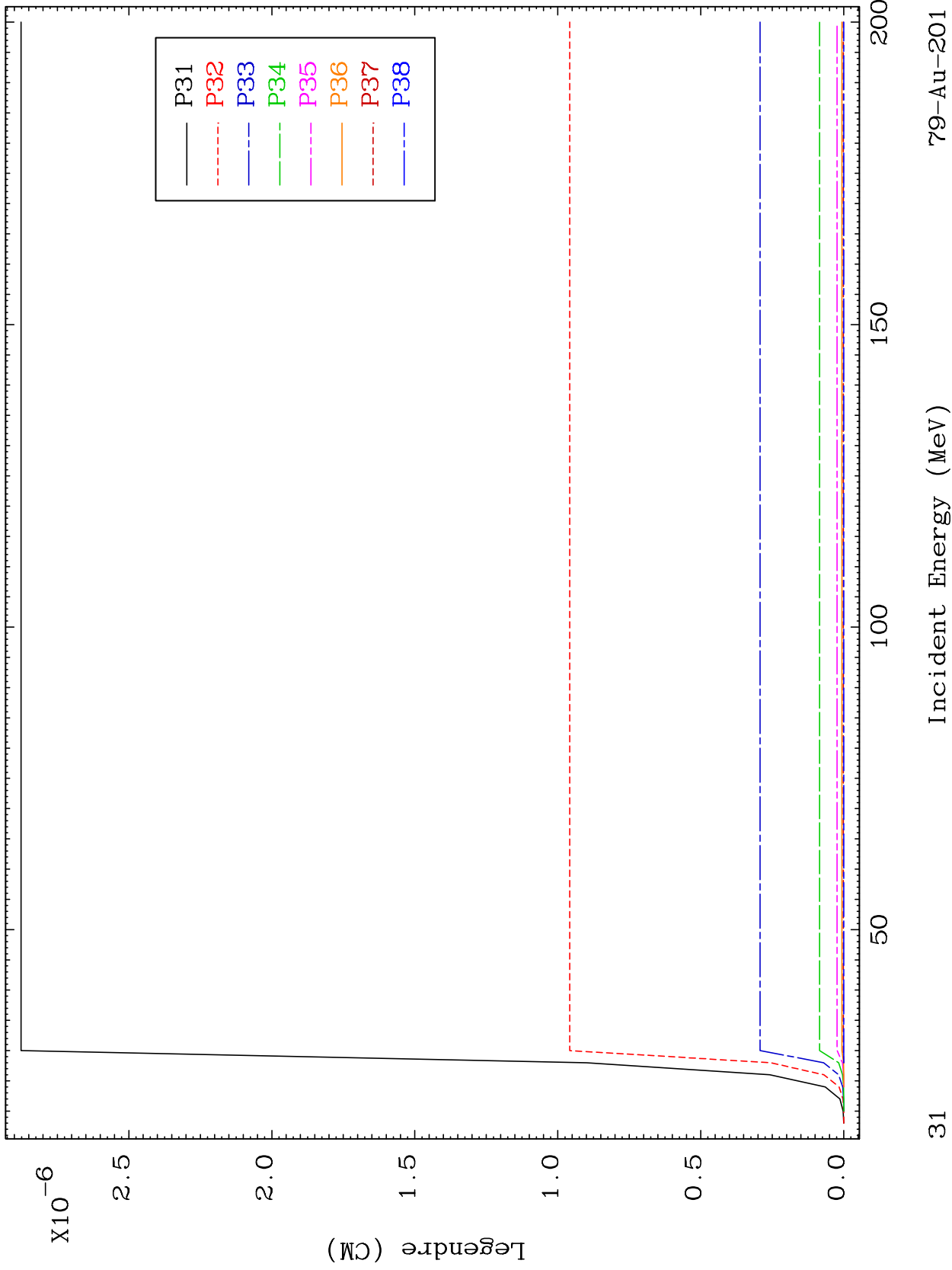
79-Au-201



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Incident Energy (MeV)

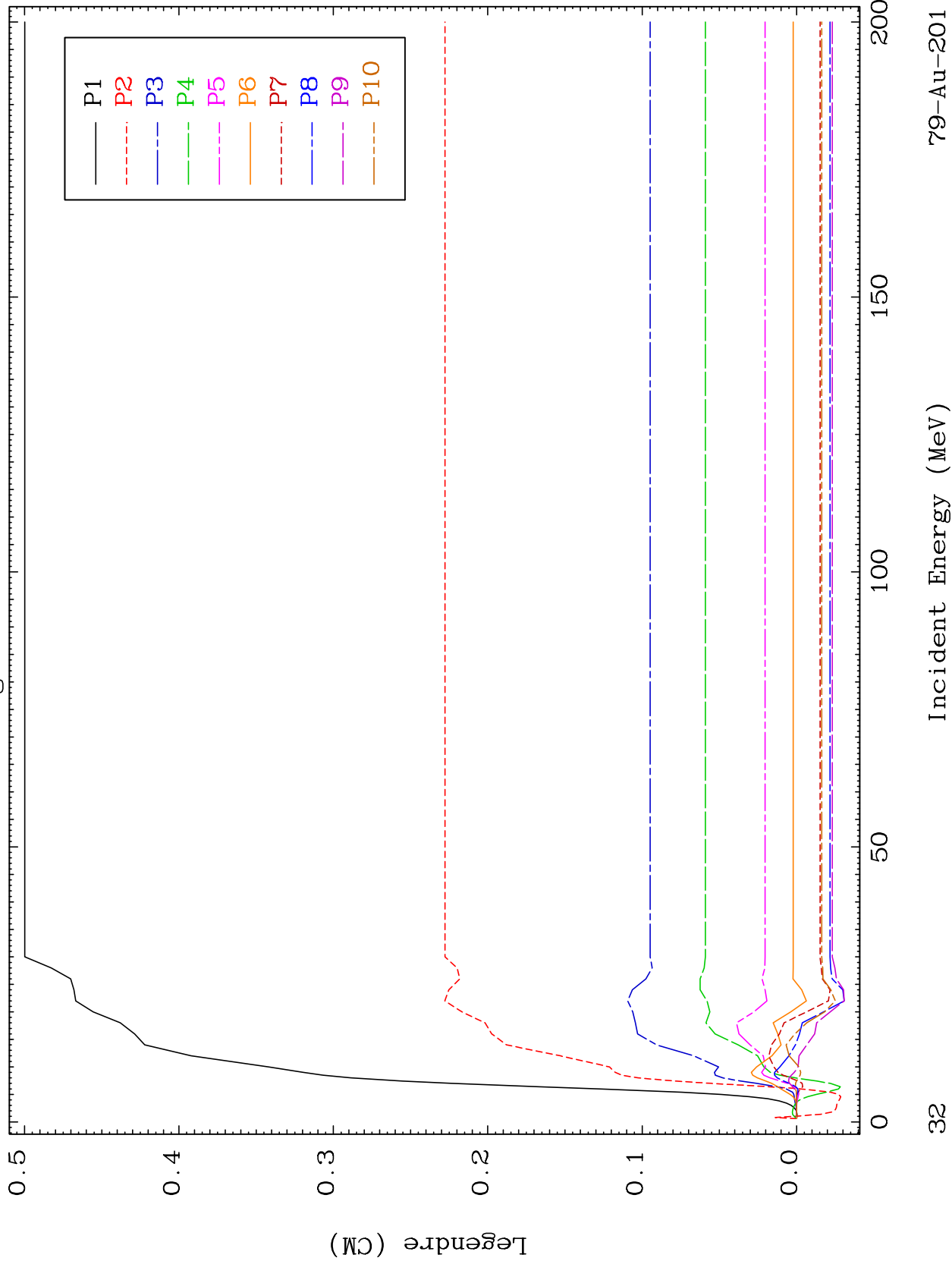
79-Au-201



MAT 7937

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

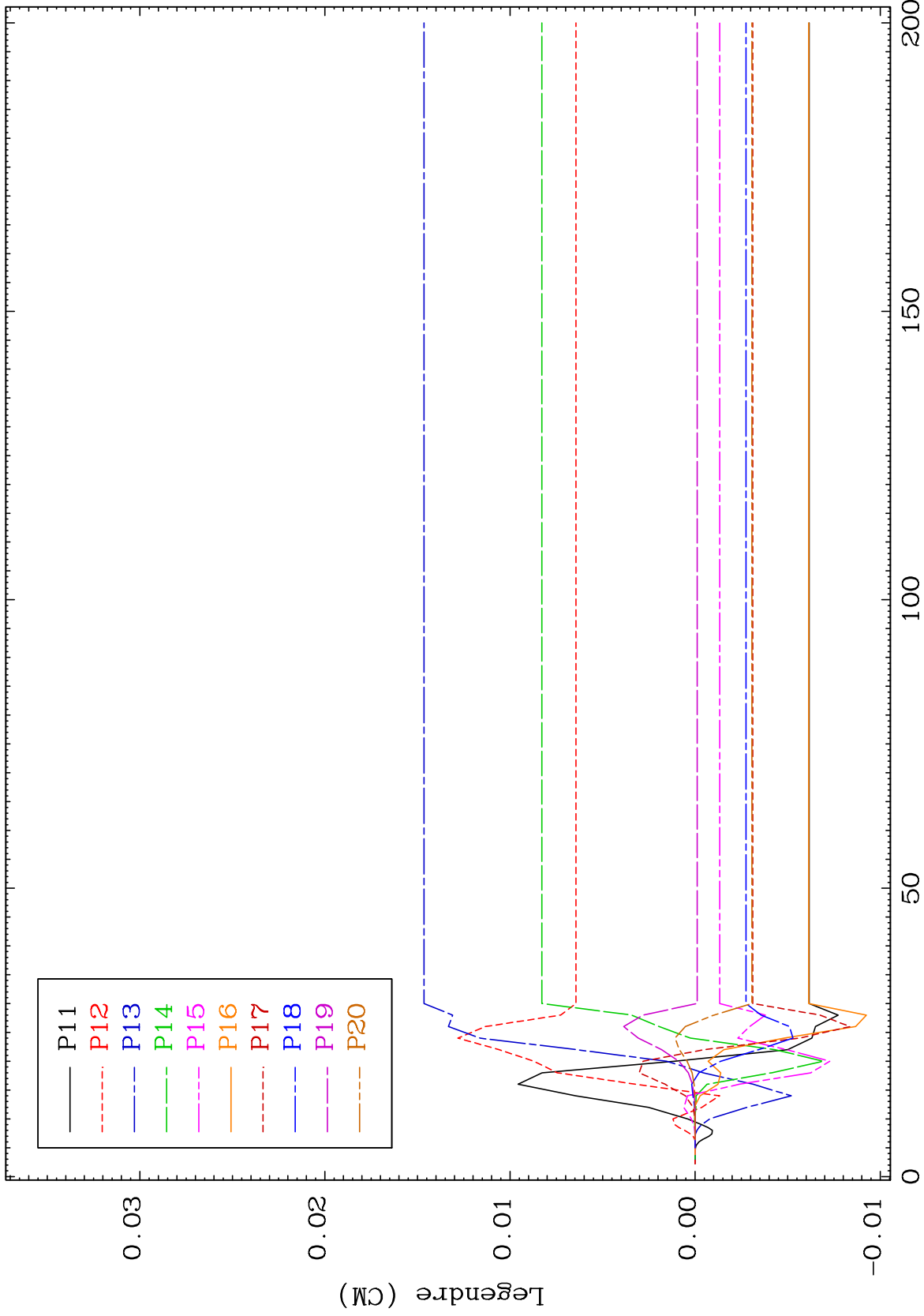
79-Au-201



79-Au-201

Incident Energy (MeV)

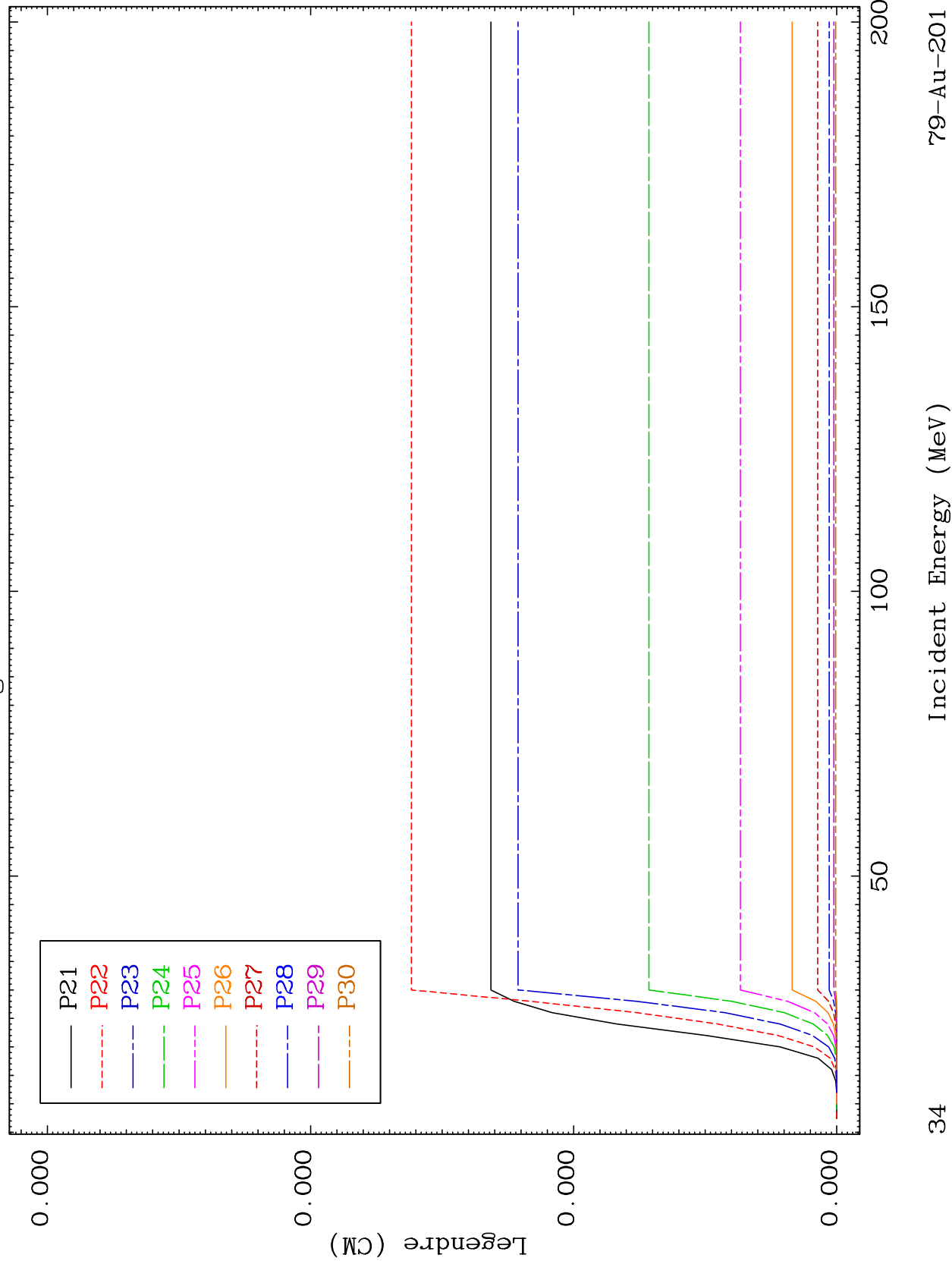
32



MAT 7937

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

79-Au-201



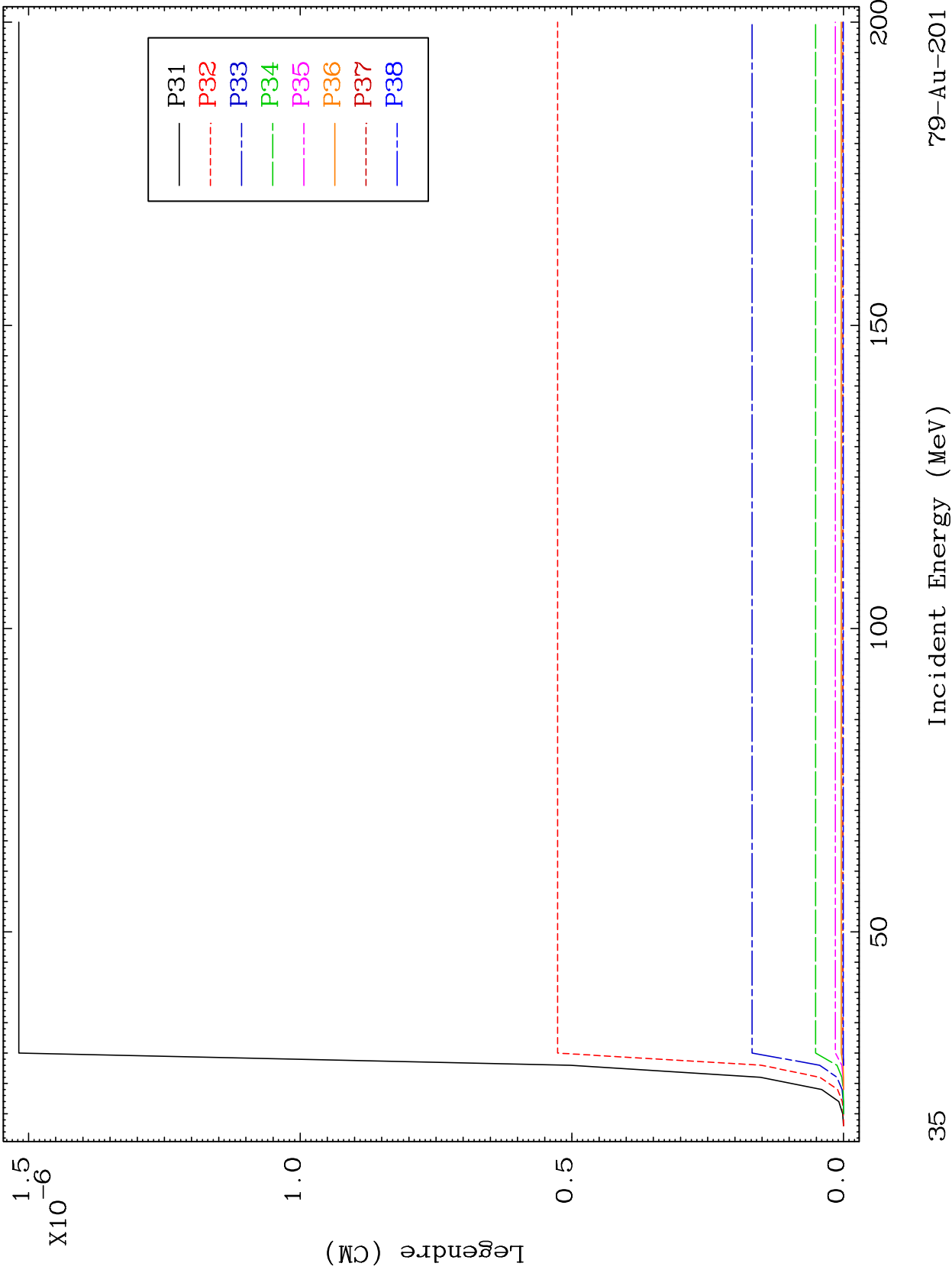
34

79-Au-201

MAT 7937

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

79-Au-201



35

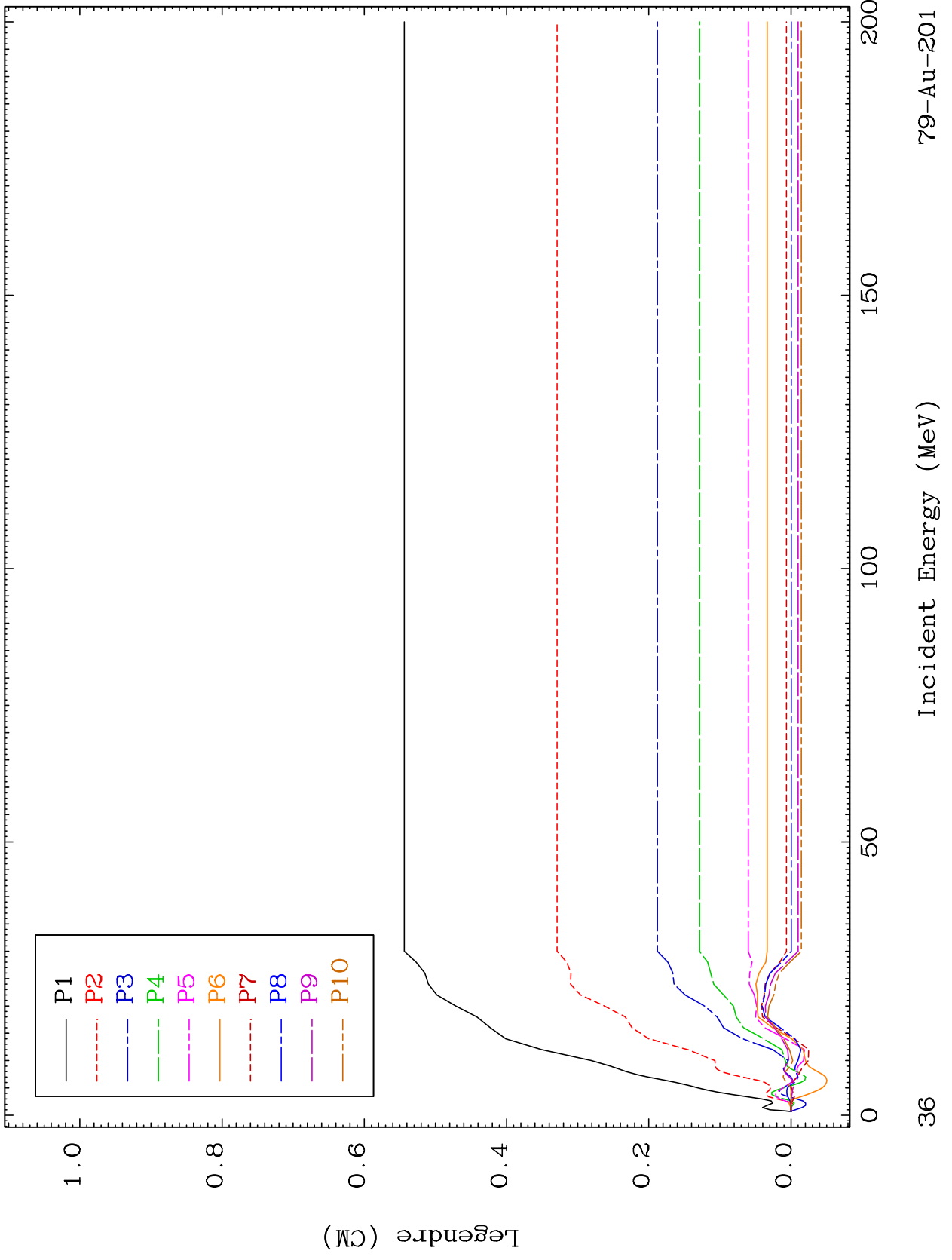
Incident Energy (MeV)

79-Au-201

MAT 7937

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

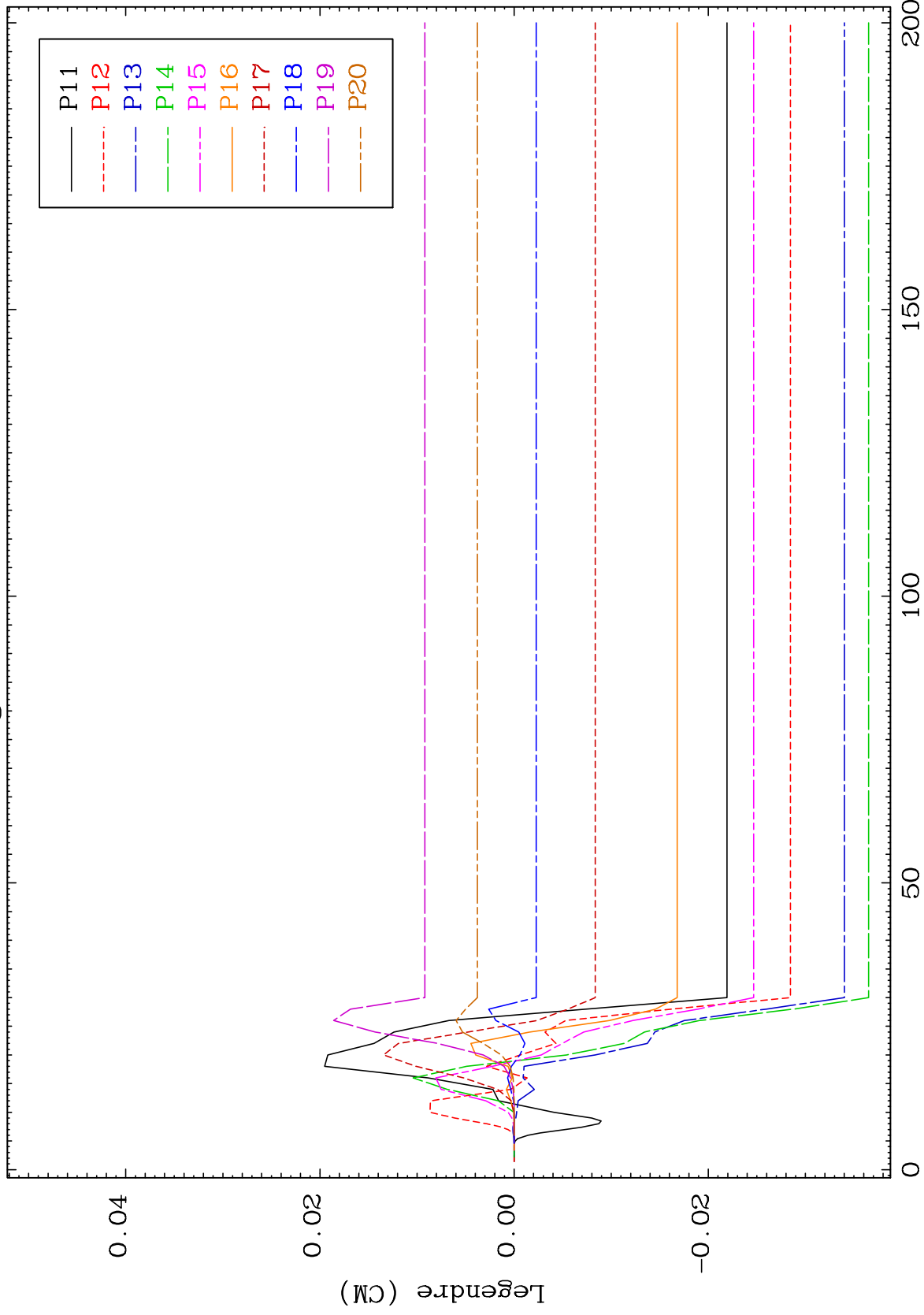
79-Au-201



MAT 7937

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

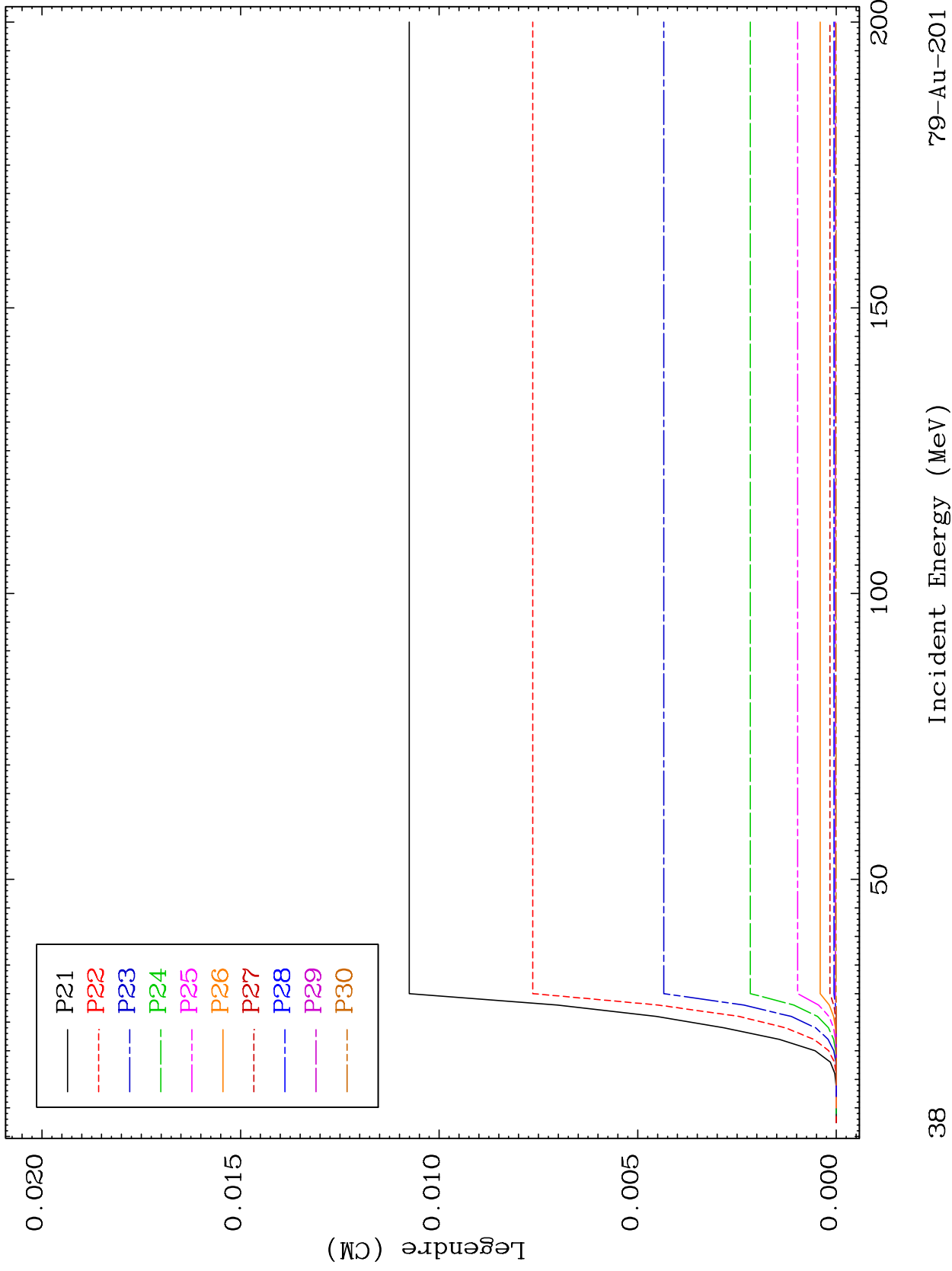
79-Au-201



37

Incident Energy (MeV)

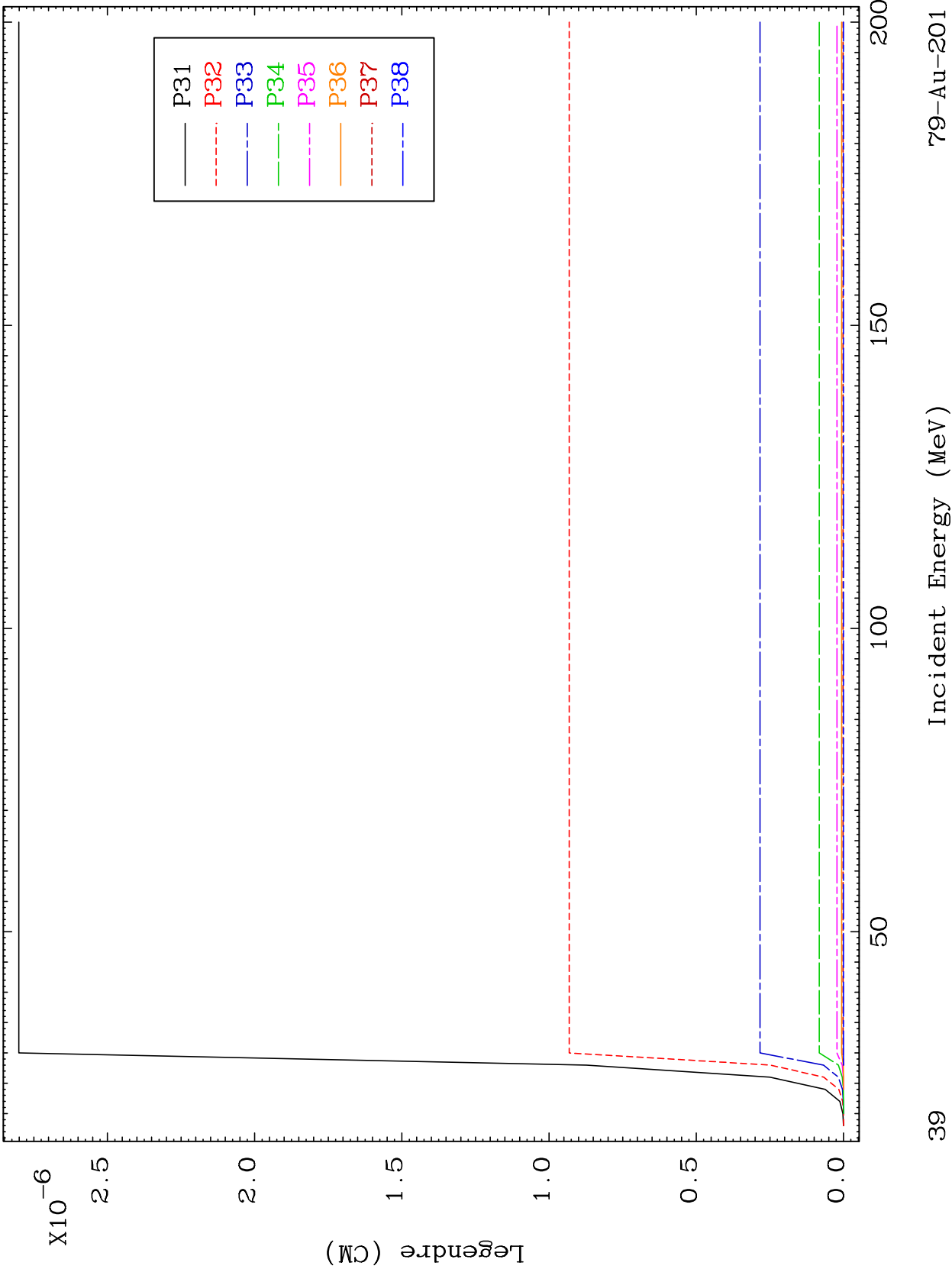
79-Au-201



MAT 7937

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

79-Au-201



39

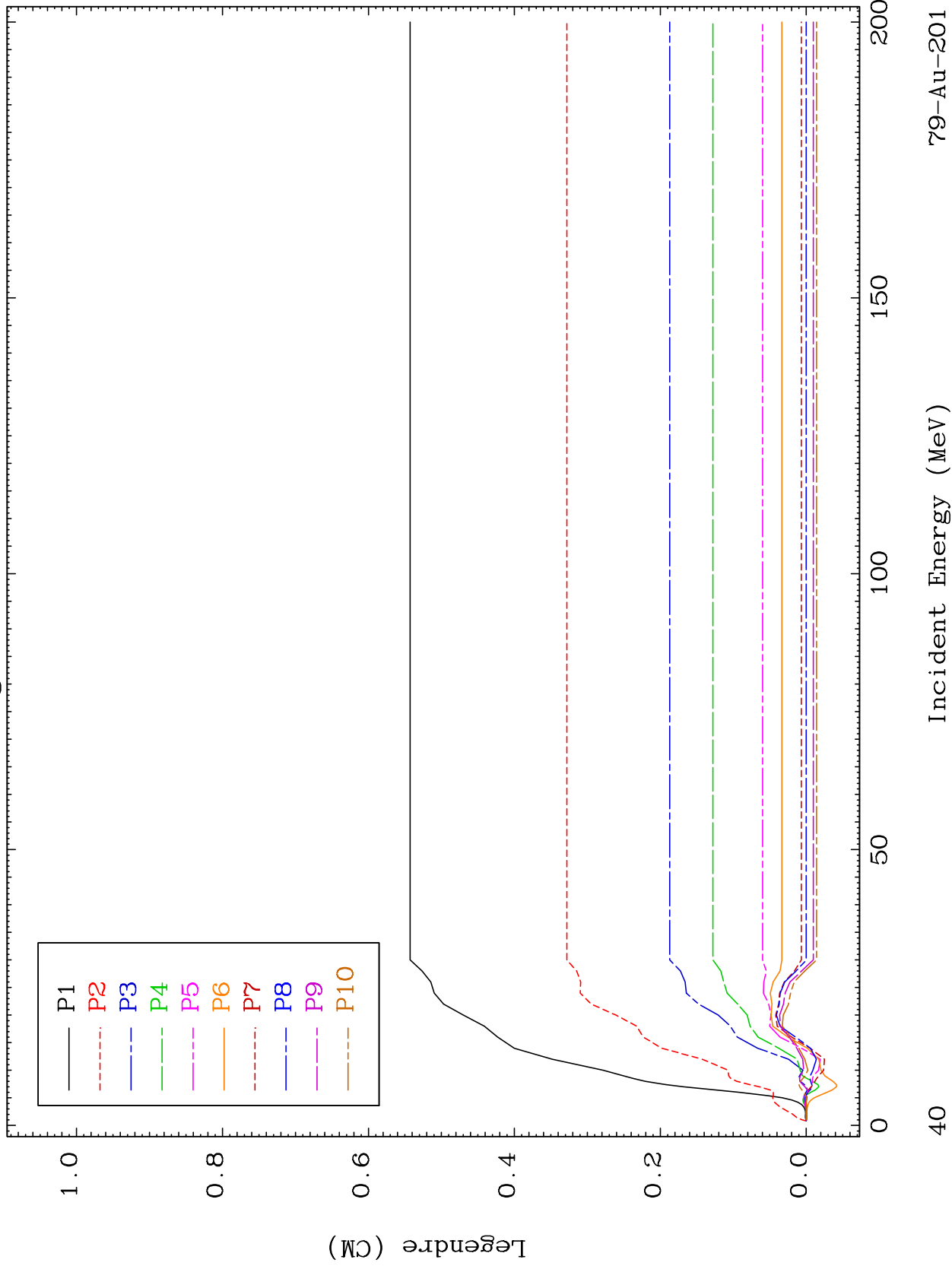
Incident Energy (MeV)

79-Au-201

MAT 7937

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

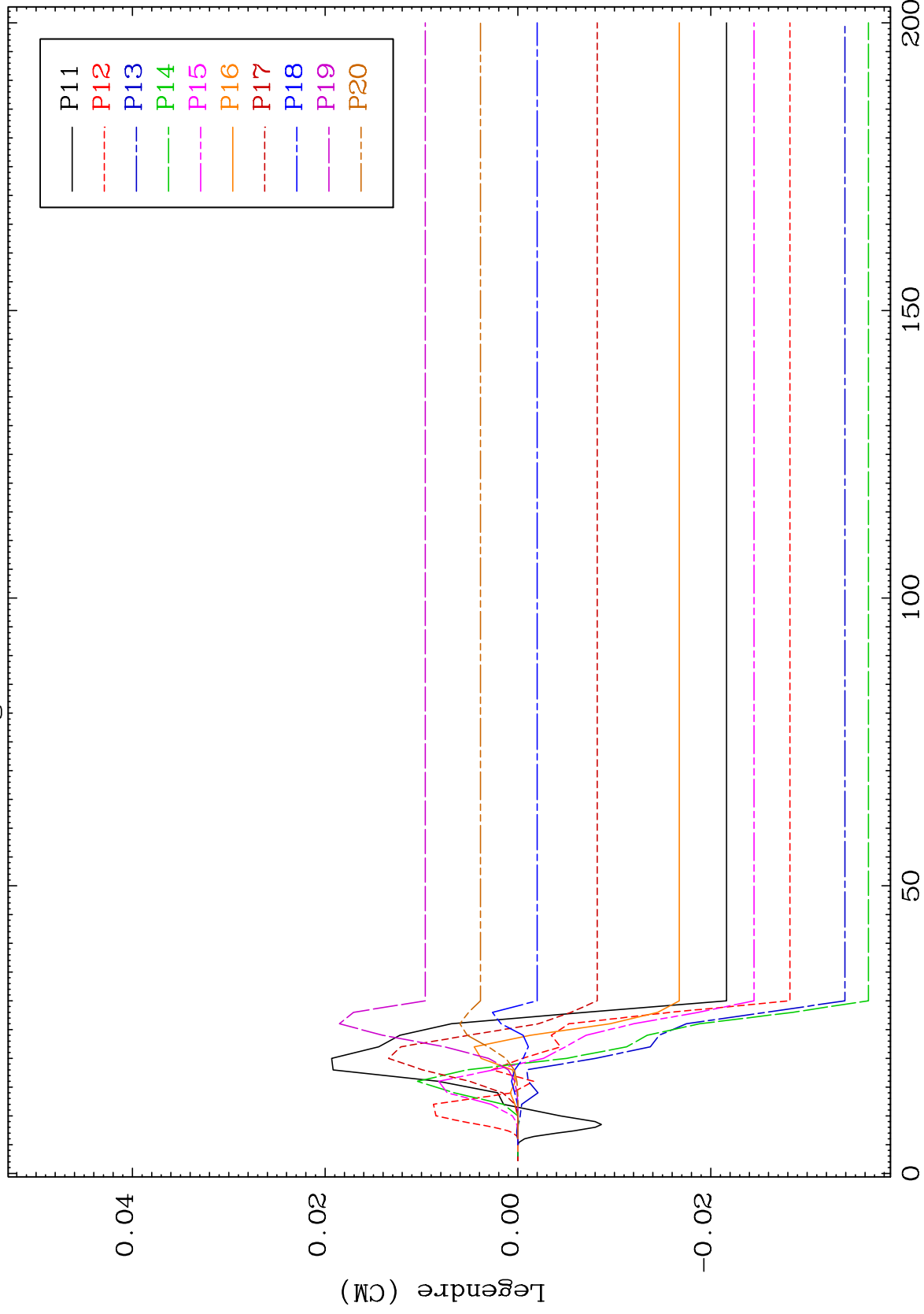
79-Au-201



MAT 7937

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

79-Au-201



41

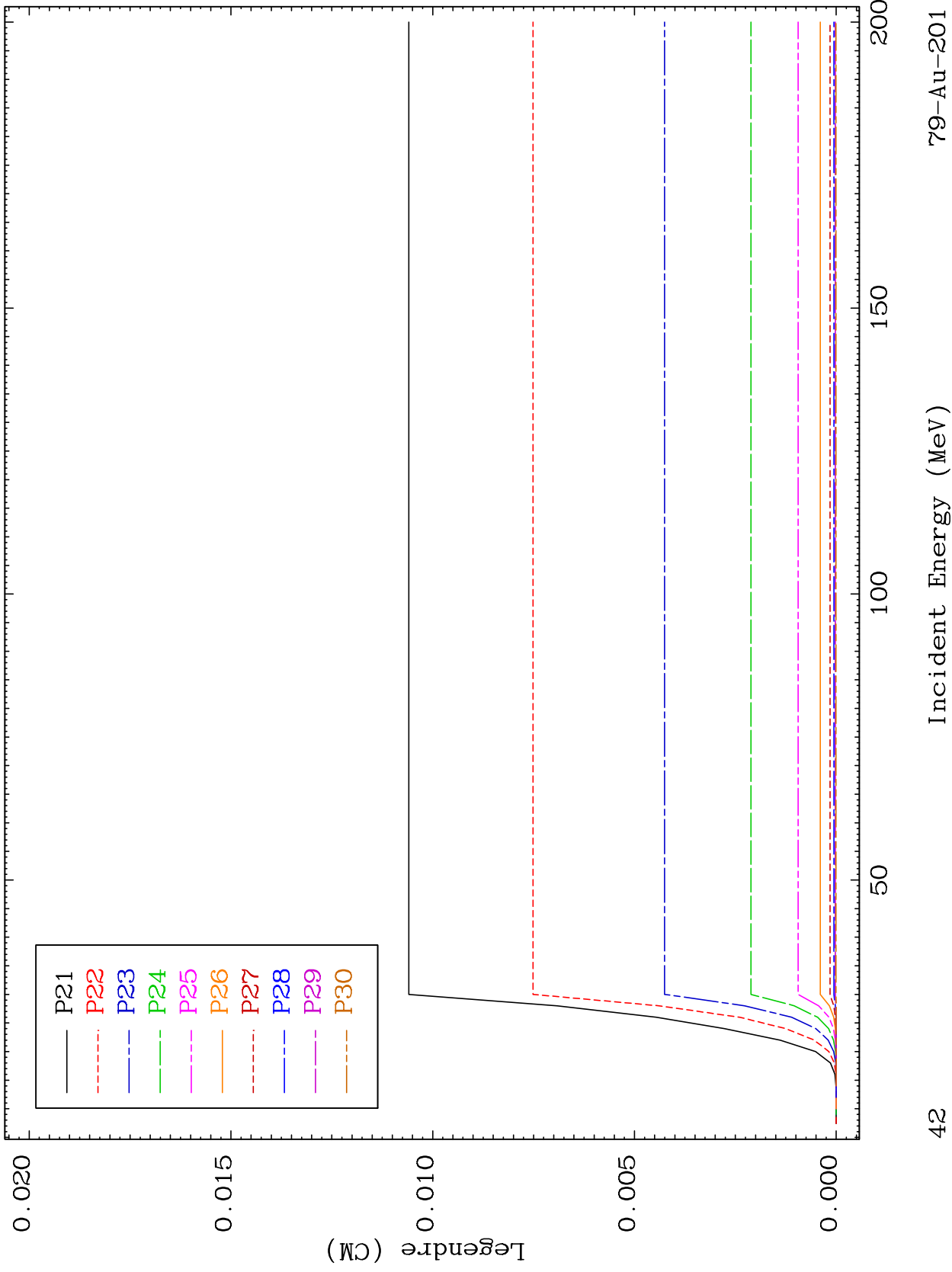
Incident Energy (MeV)

79-Au-201

MAT 7937

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

79-Au-201



42

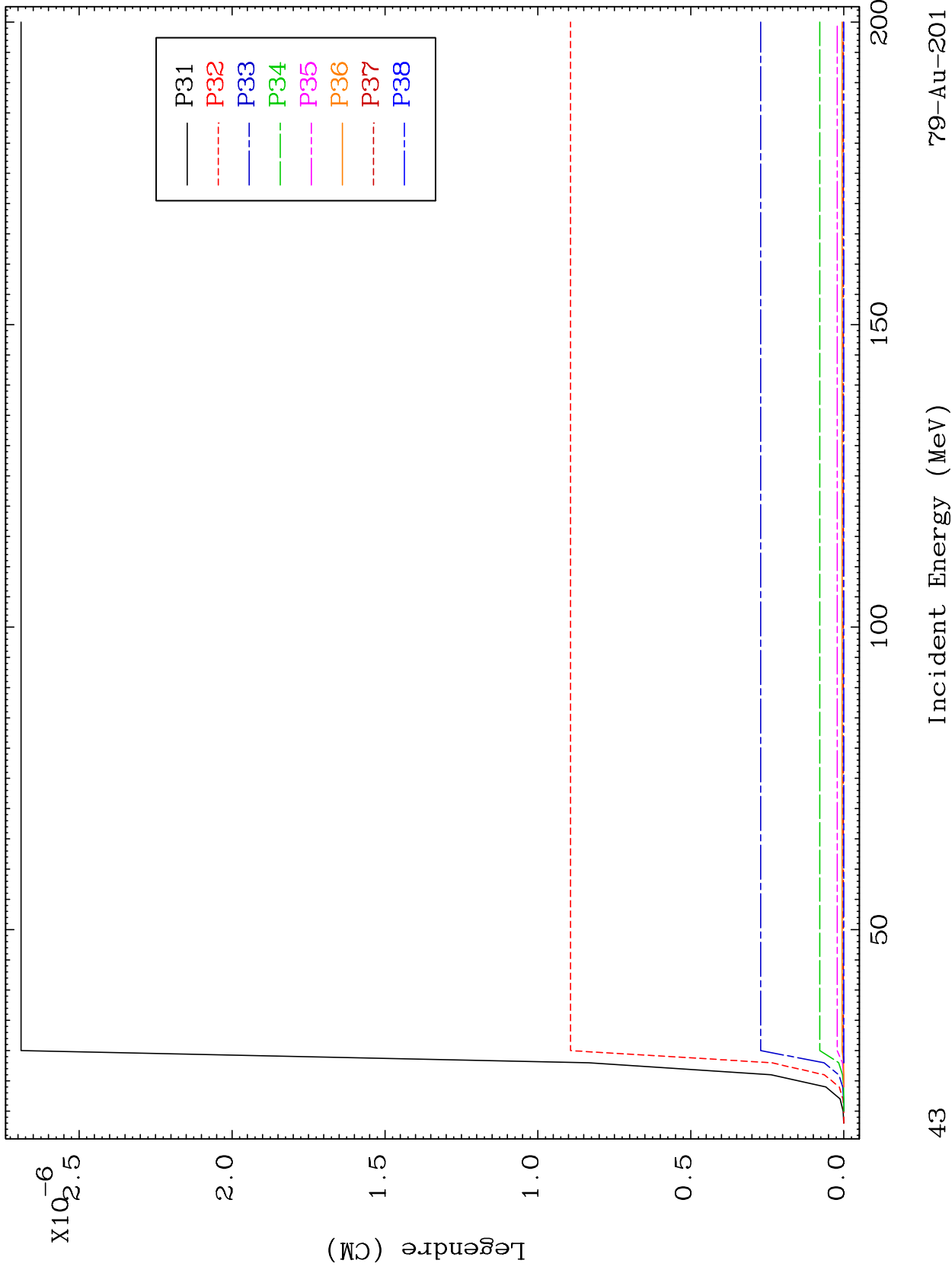
Incident Energy (MeV)

79-Au-201

MAT 7937

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

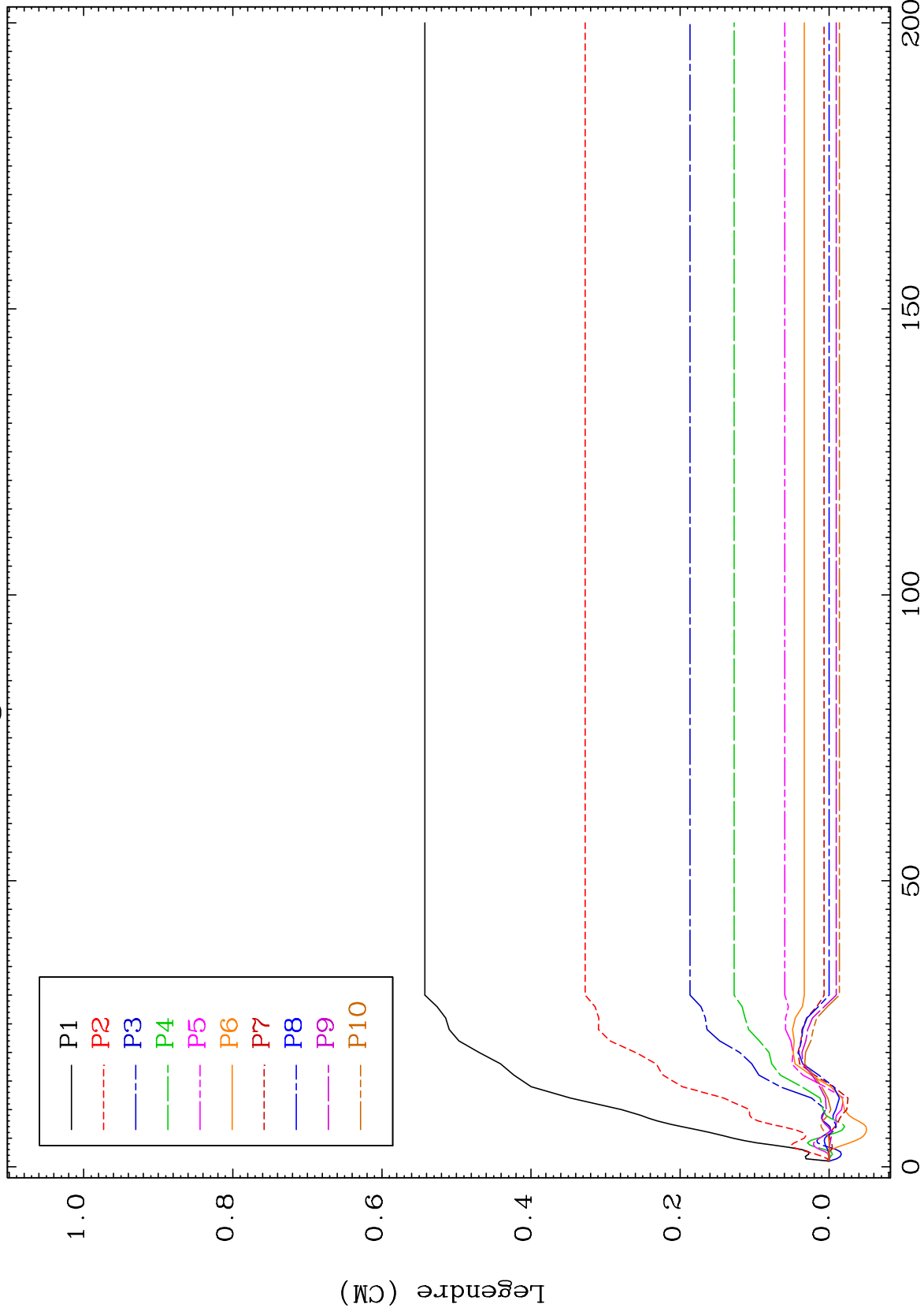
79-Au-201



43

Incident Energy (MeV)

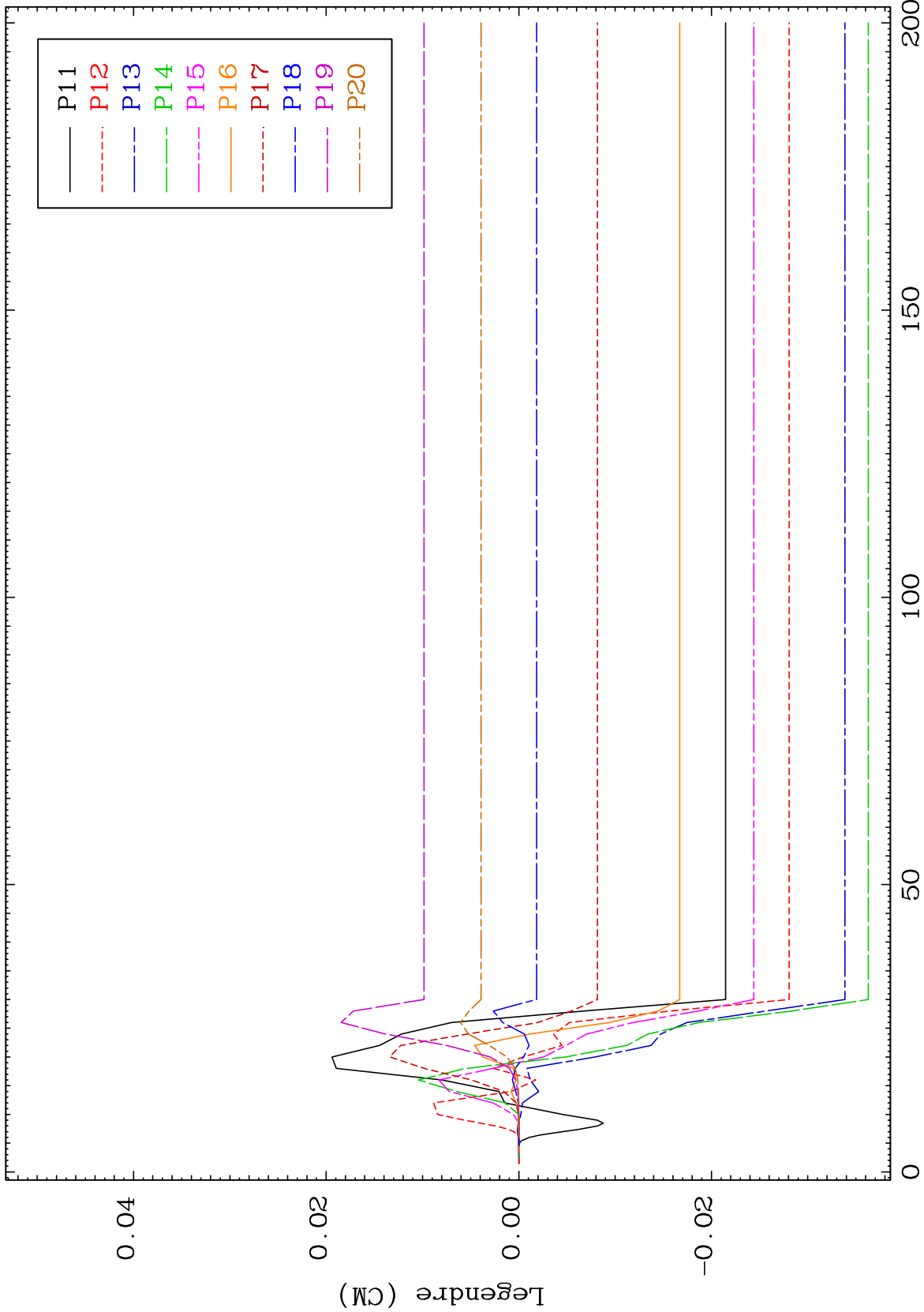
79-Au-201



MAT 7937

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

79-Au-201



45

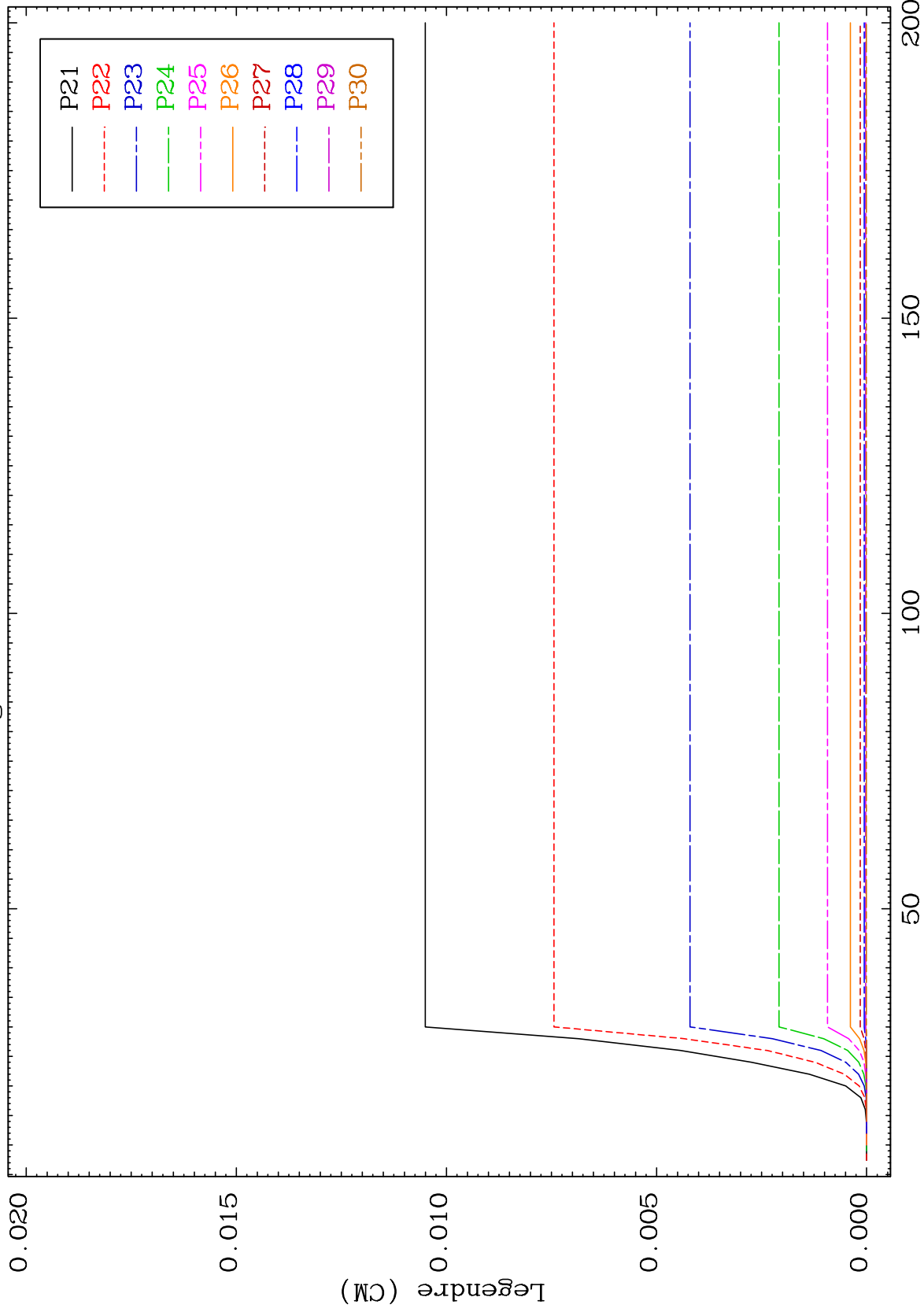
Incident Energy (MeV)

79-Au-201

MAT 7937

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

79-Au-201



46

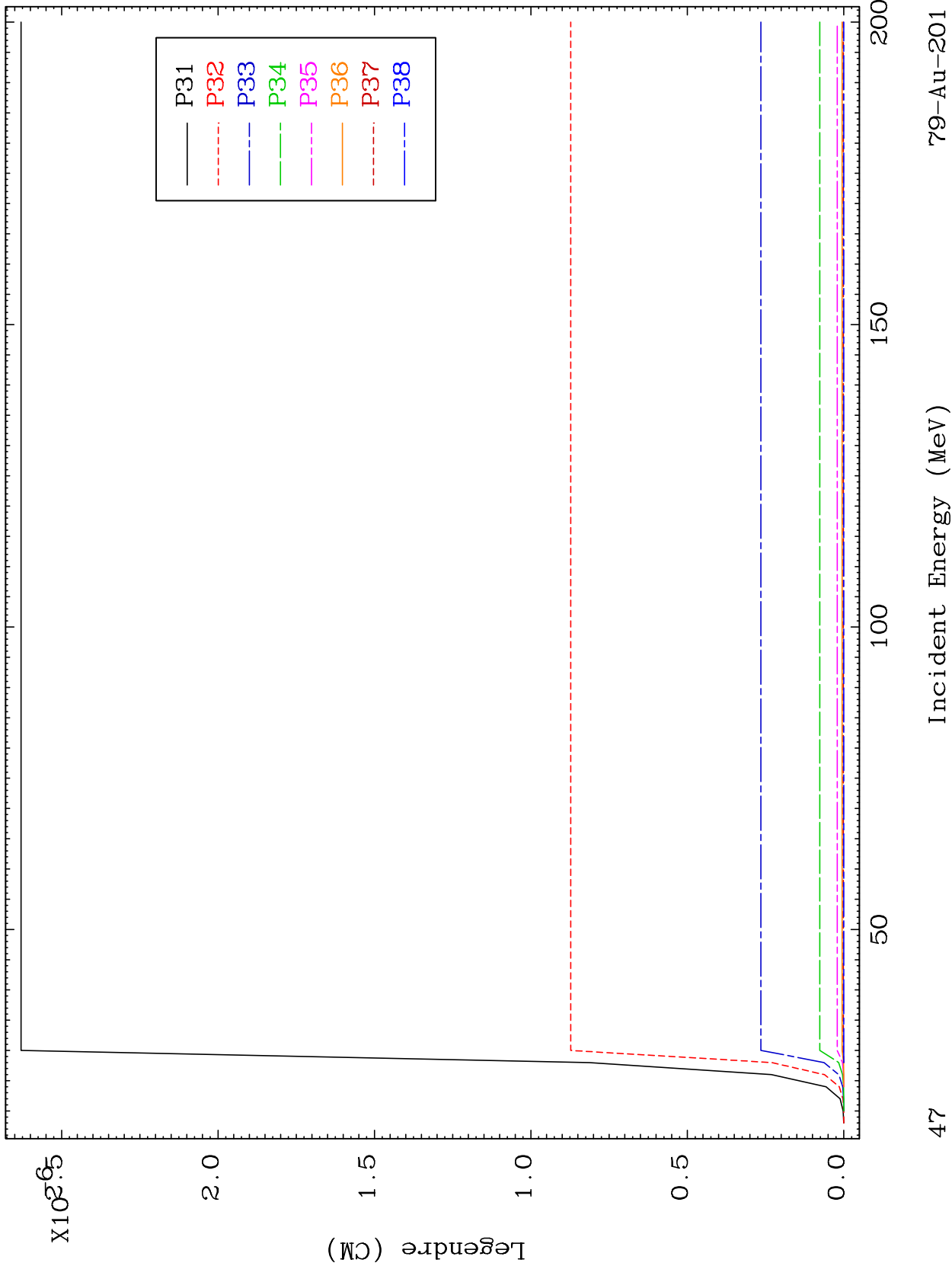
Incident Energy (MeV)

79-Au-201

MAT 7937

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

79-Au-201



47

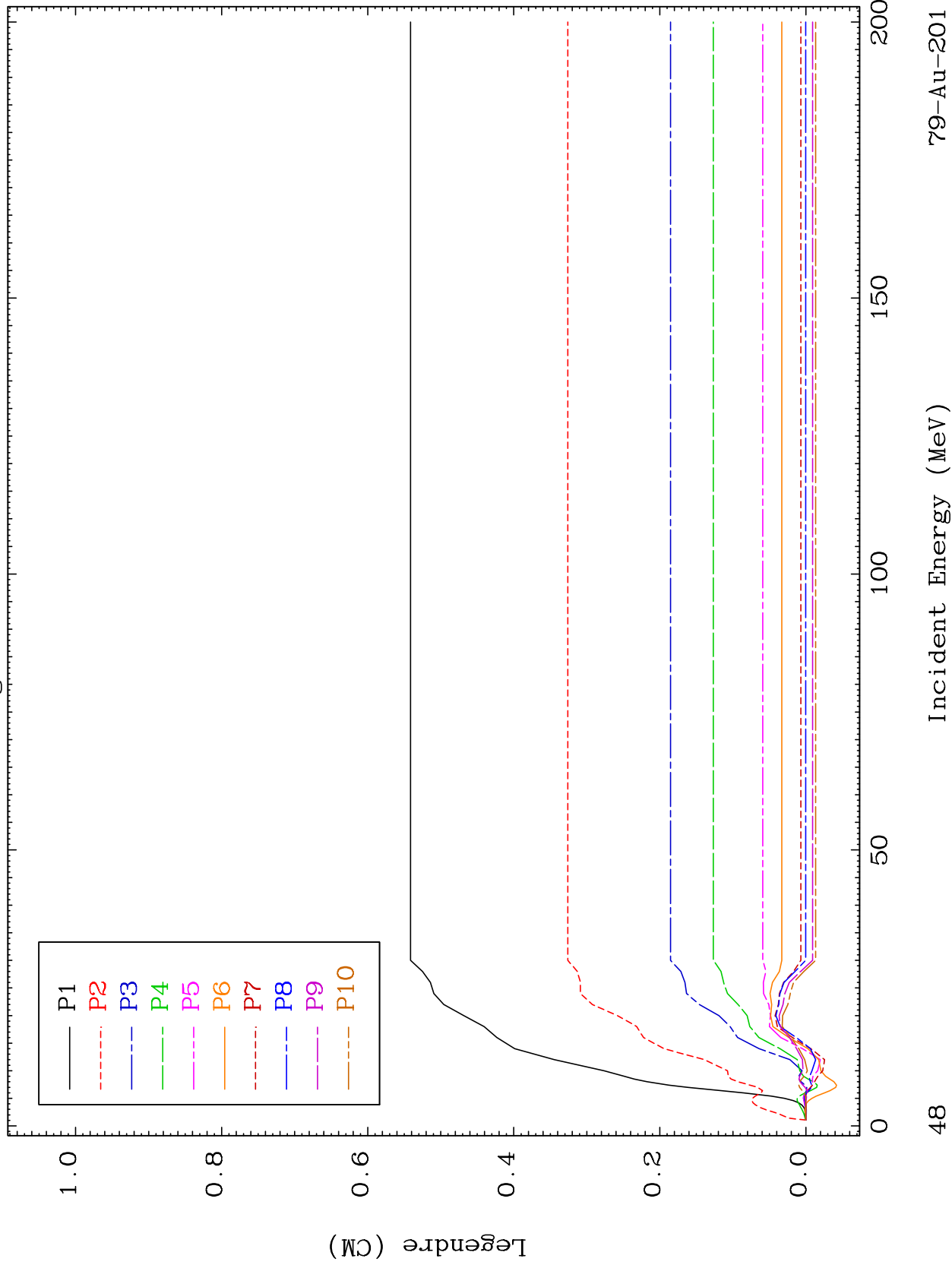
Incident Energy (MeV)

79-Au-201

MAT 7937

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

79-Au-201

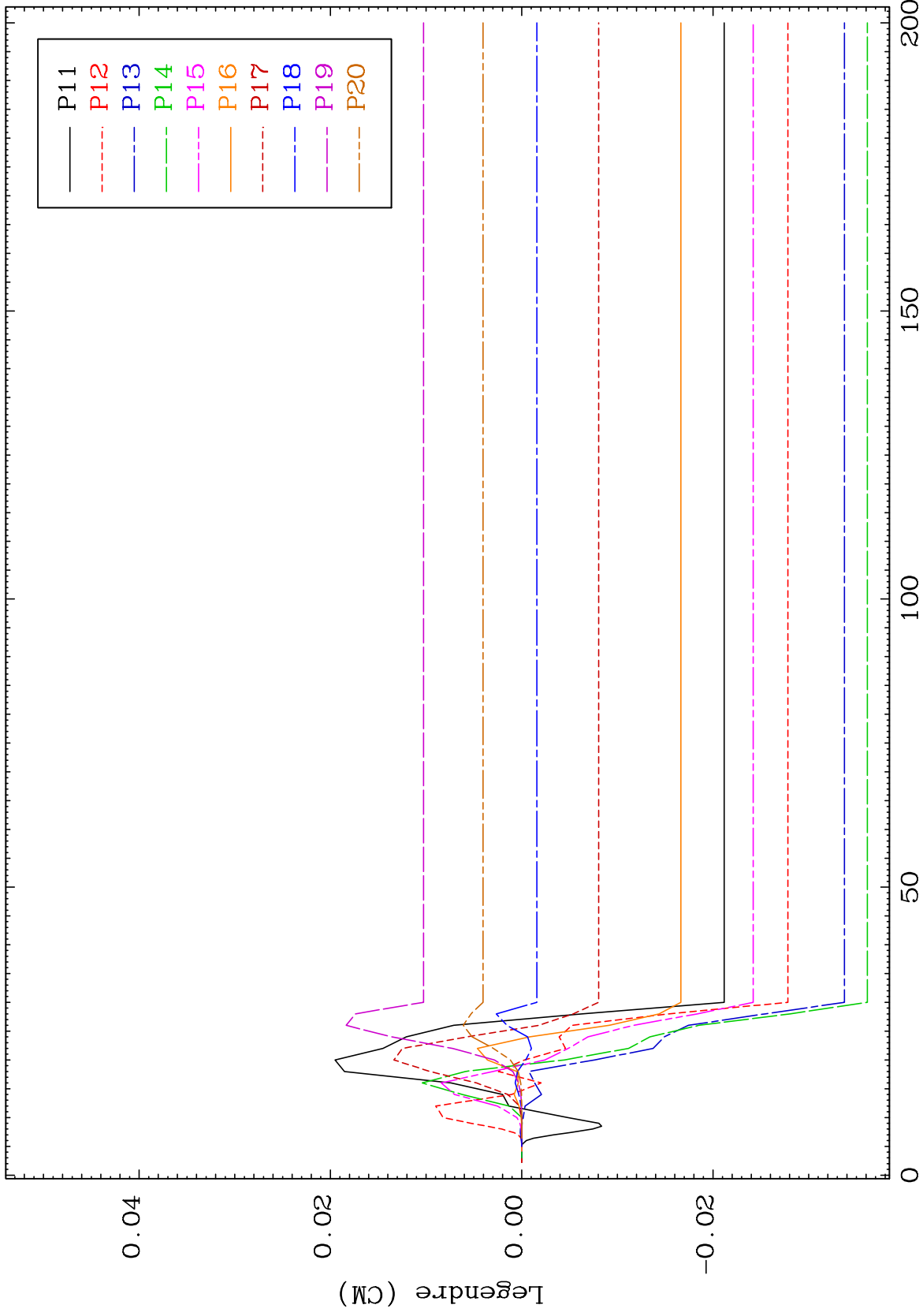


79-Au-201

MAT 7937

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

79-Au-201



49

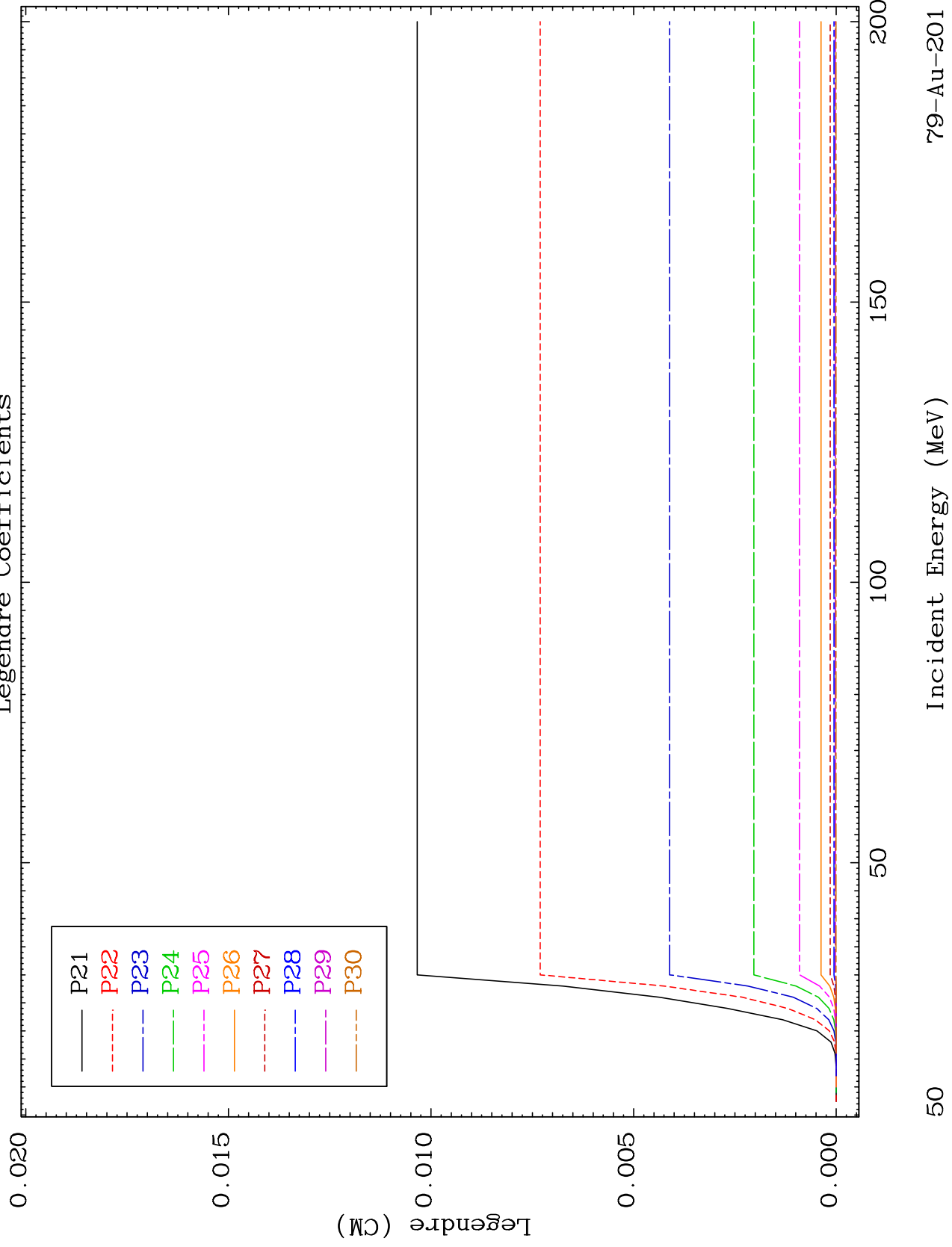
Incident Energy (MeV)

79-Au-201

MAT 7937

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

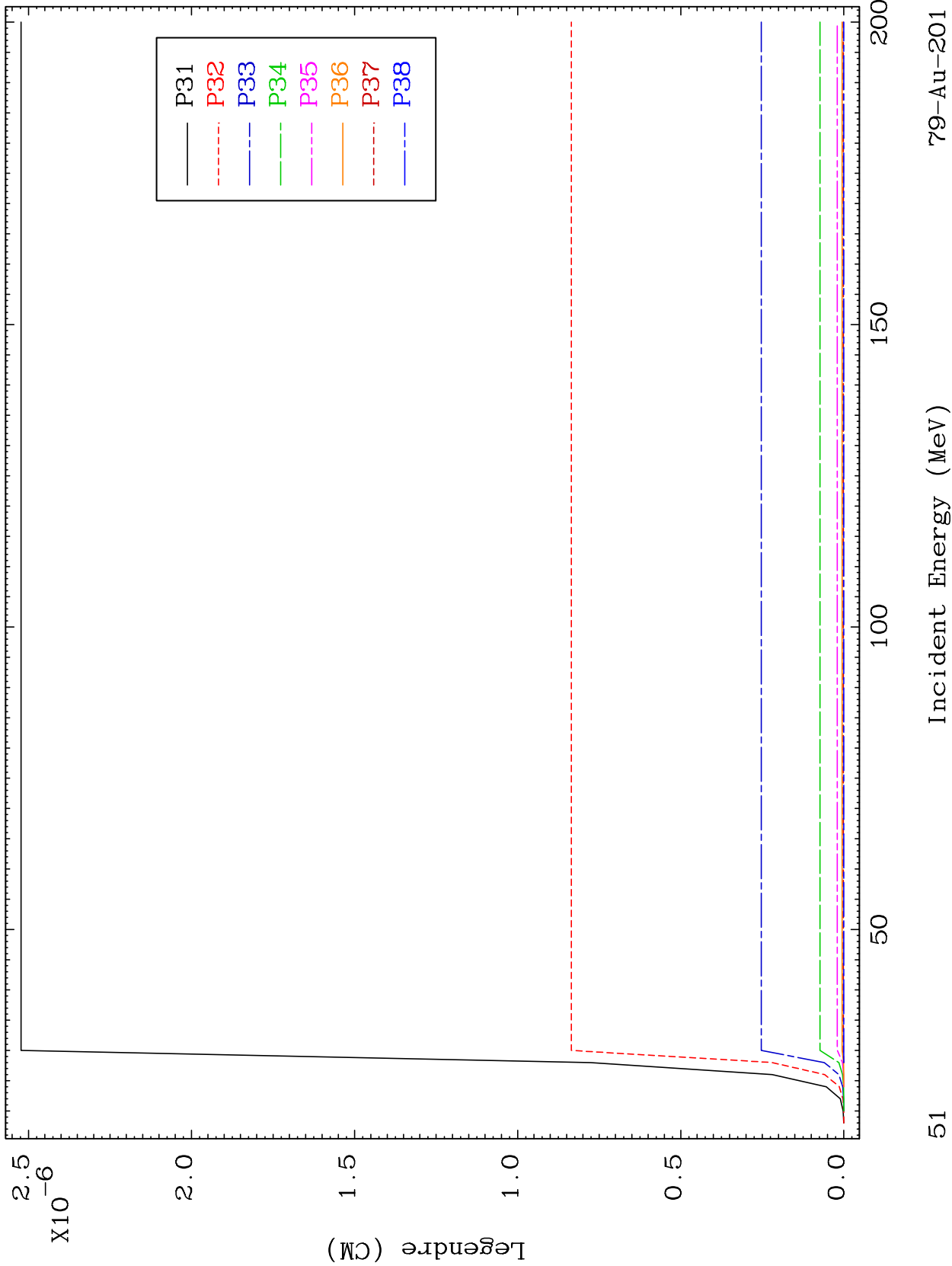
79-Au-201



79-Au-201

Incident Energy (MeV)

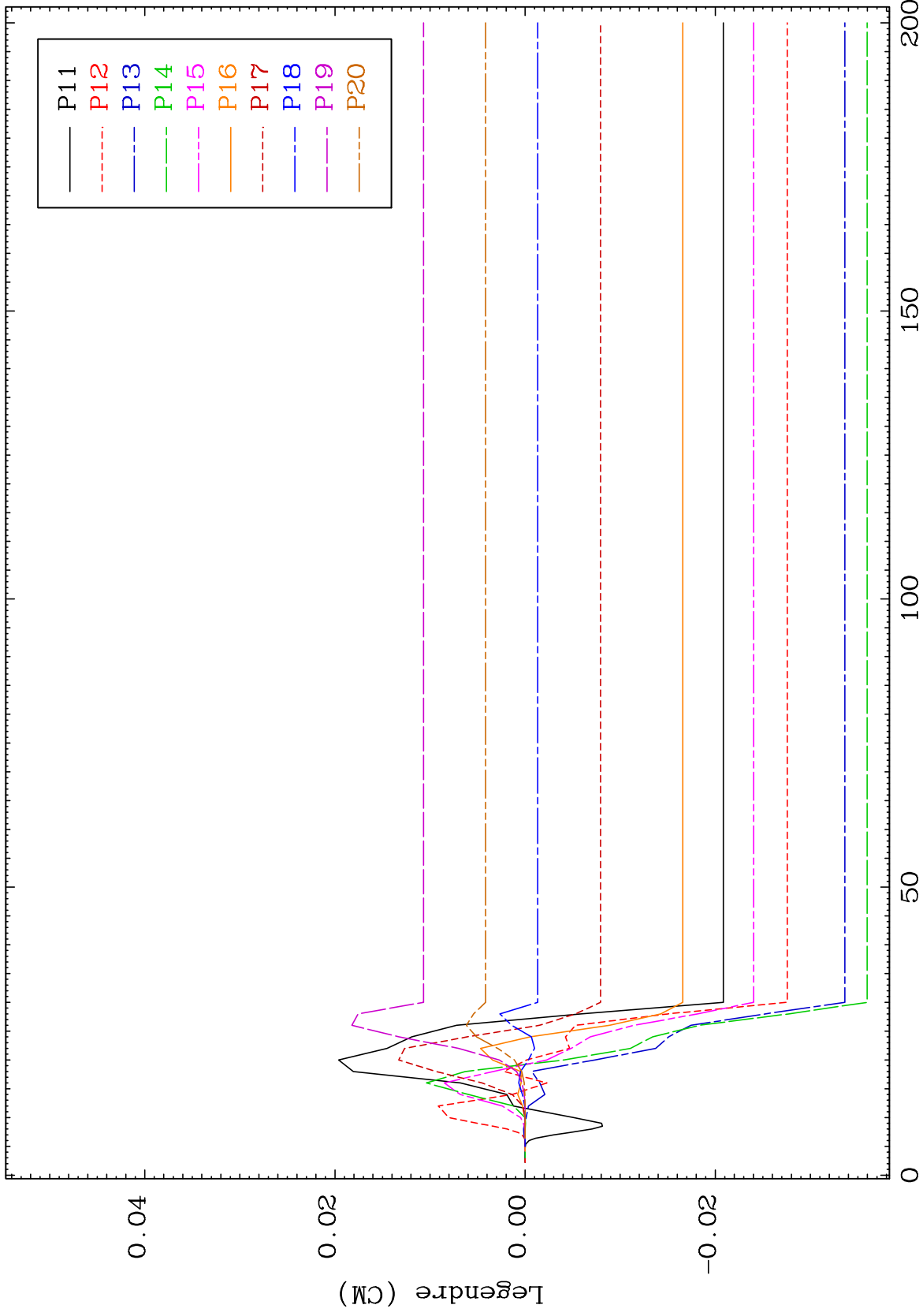
50



MAT 7937

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

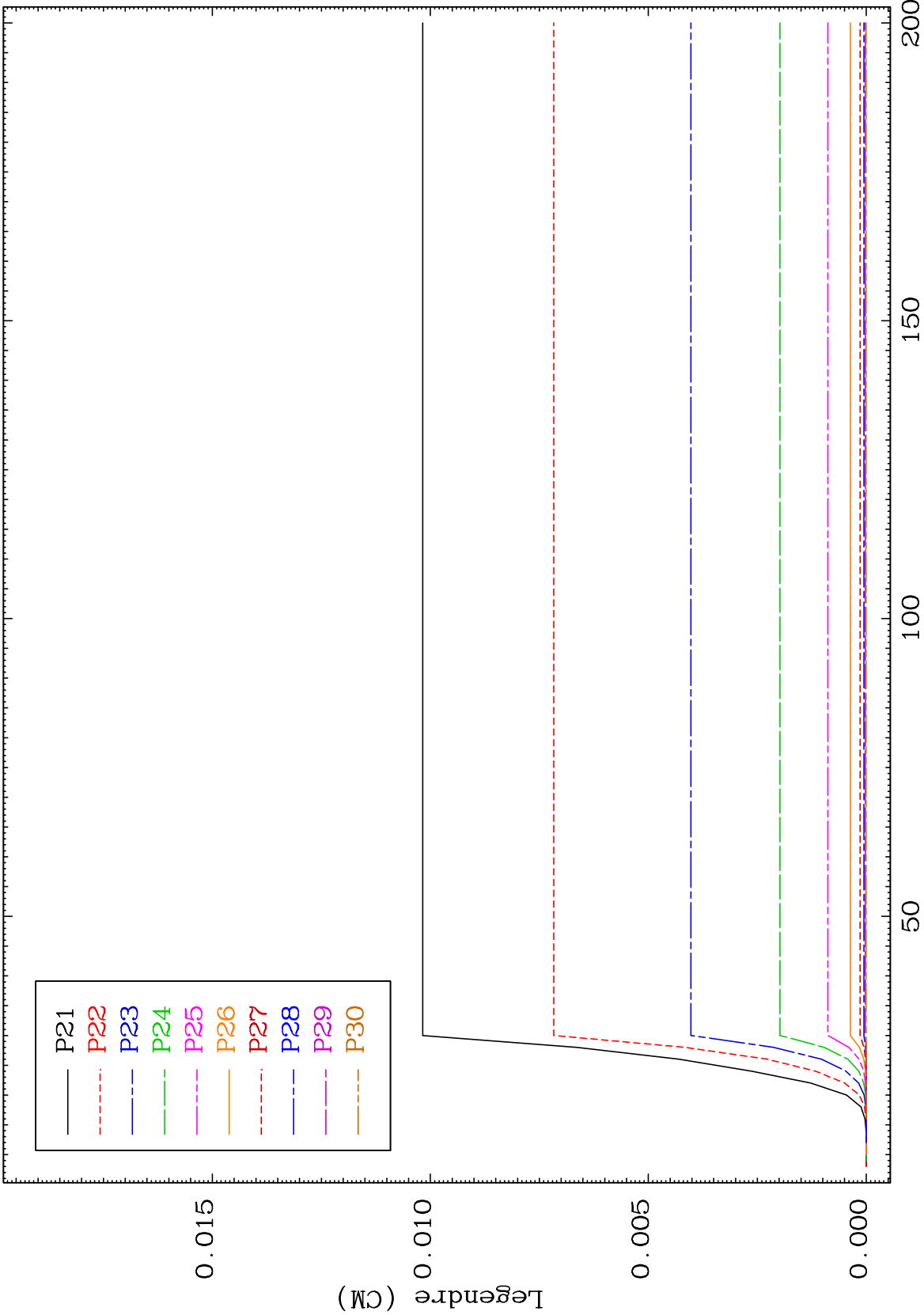
79-Au-201



53

Incident Energy (MeV)

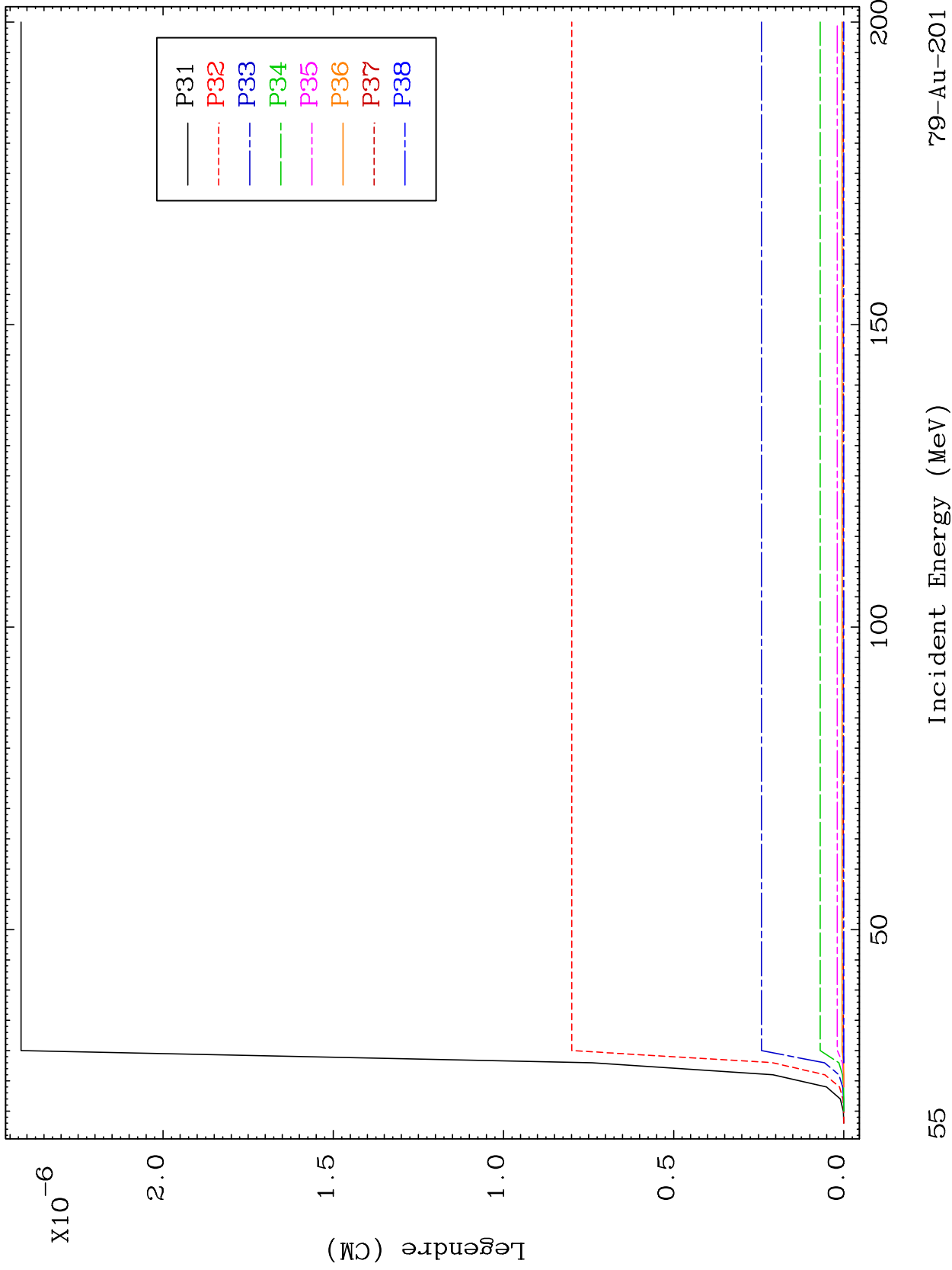
79-Au-201



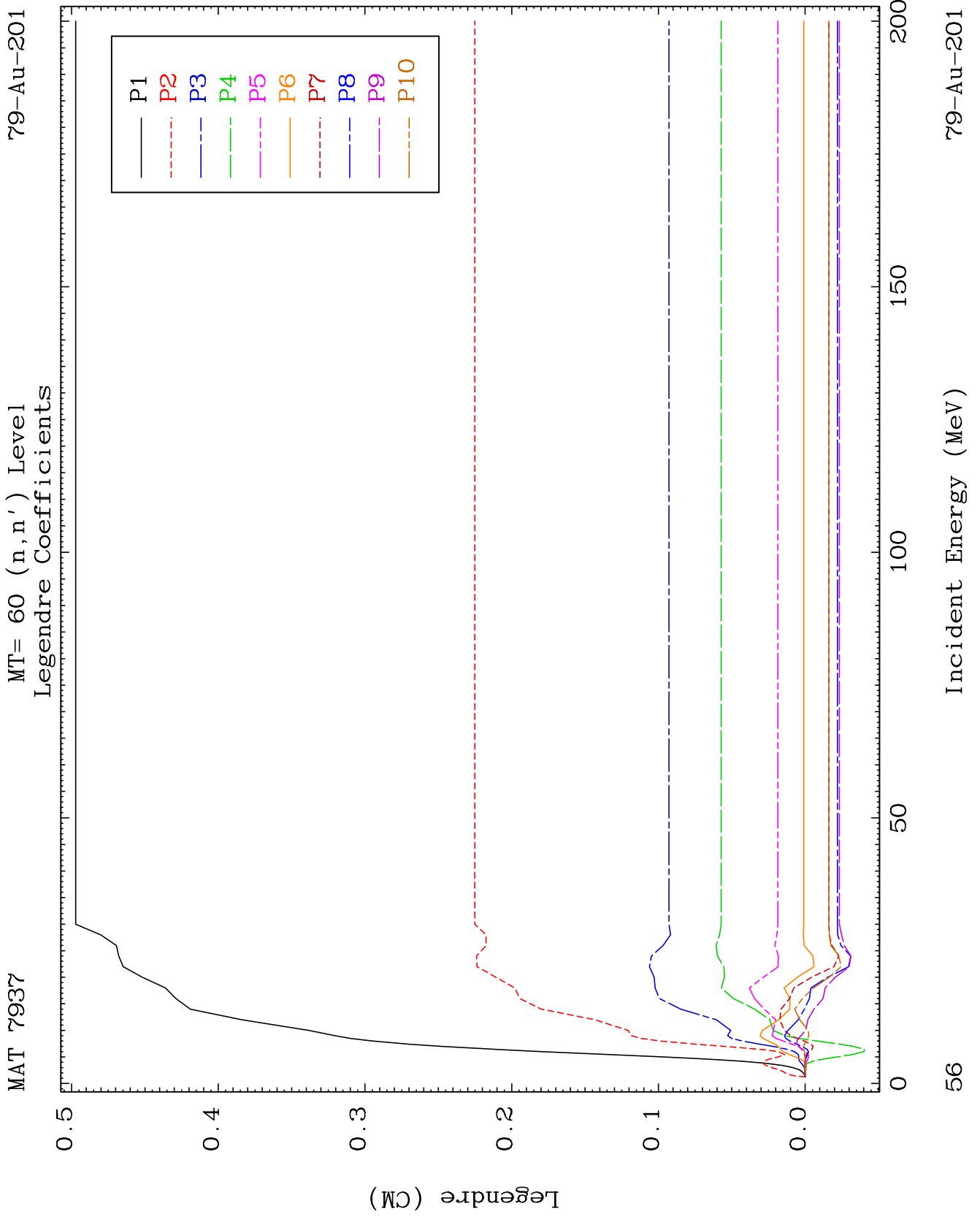
MAT 7937

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

79-Au-201



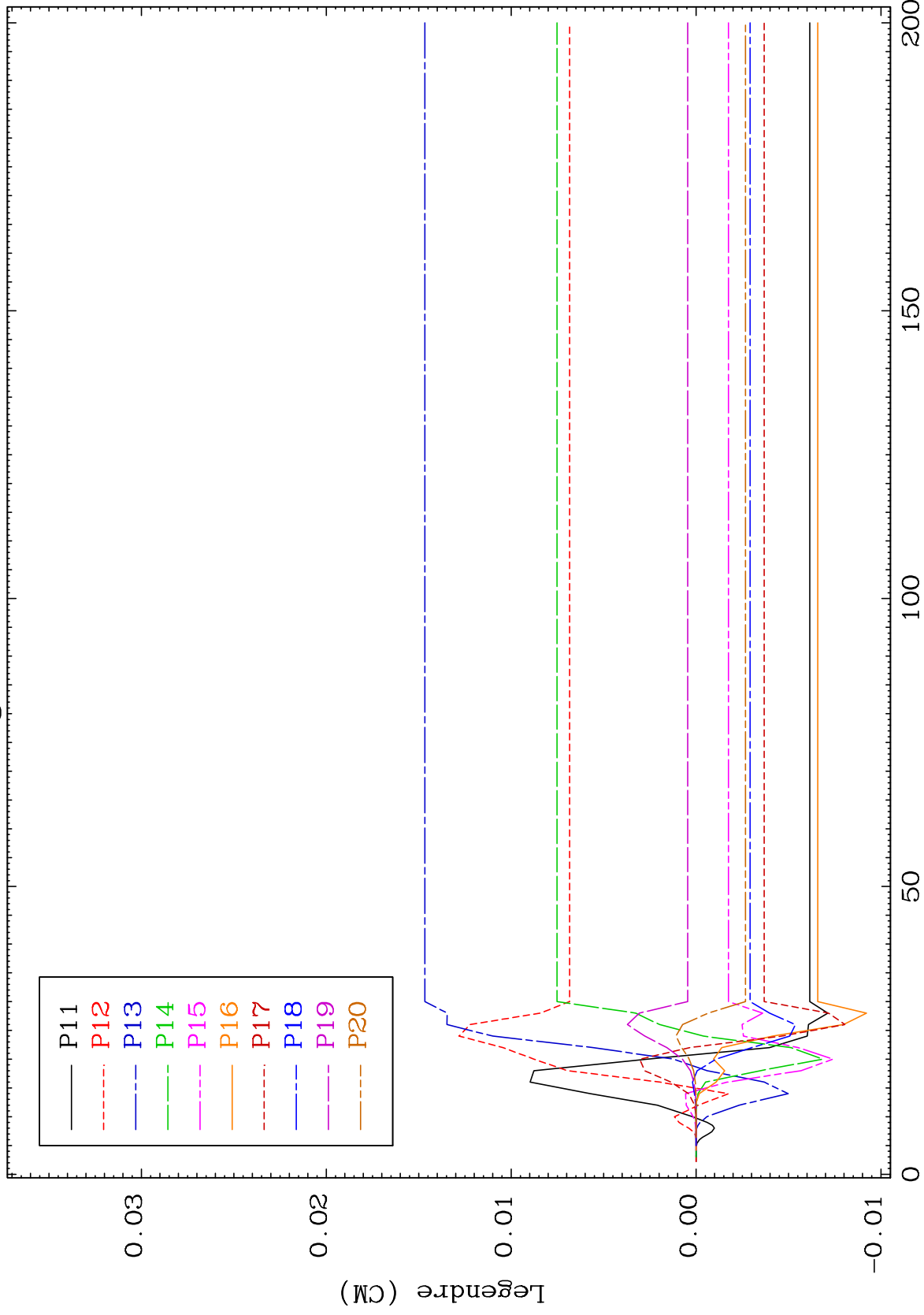
79-Au-201



MAT 7937

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

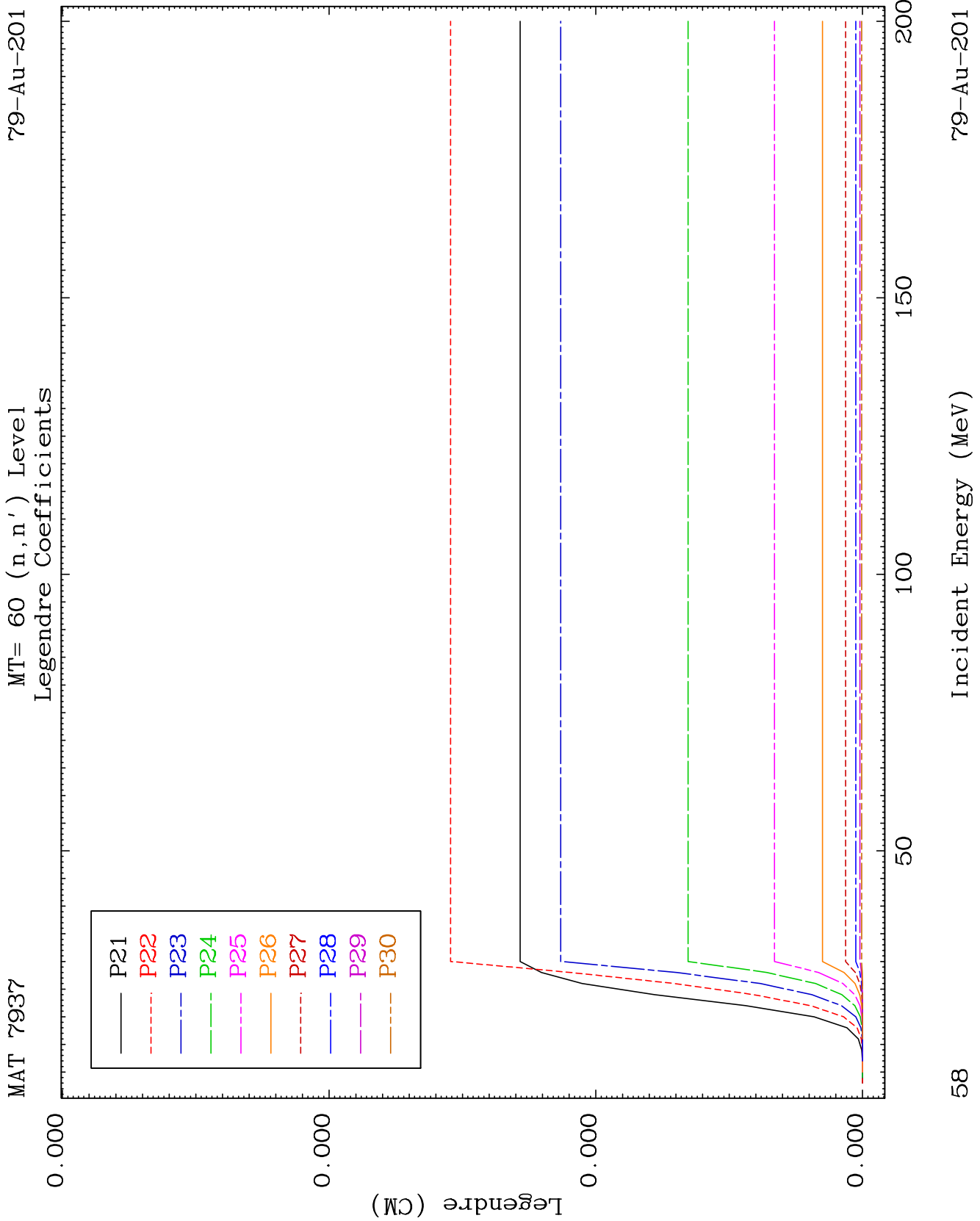
79-Au-201



57

Incident Energy (MeV)

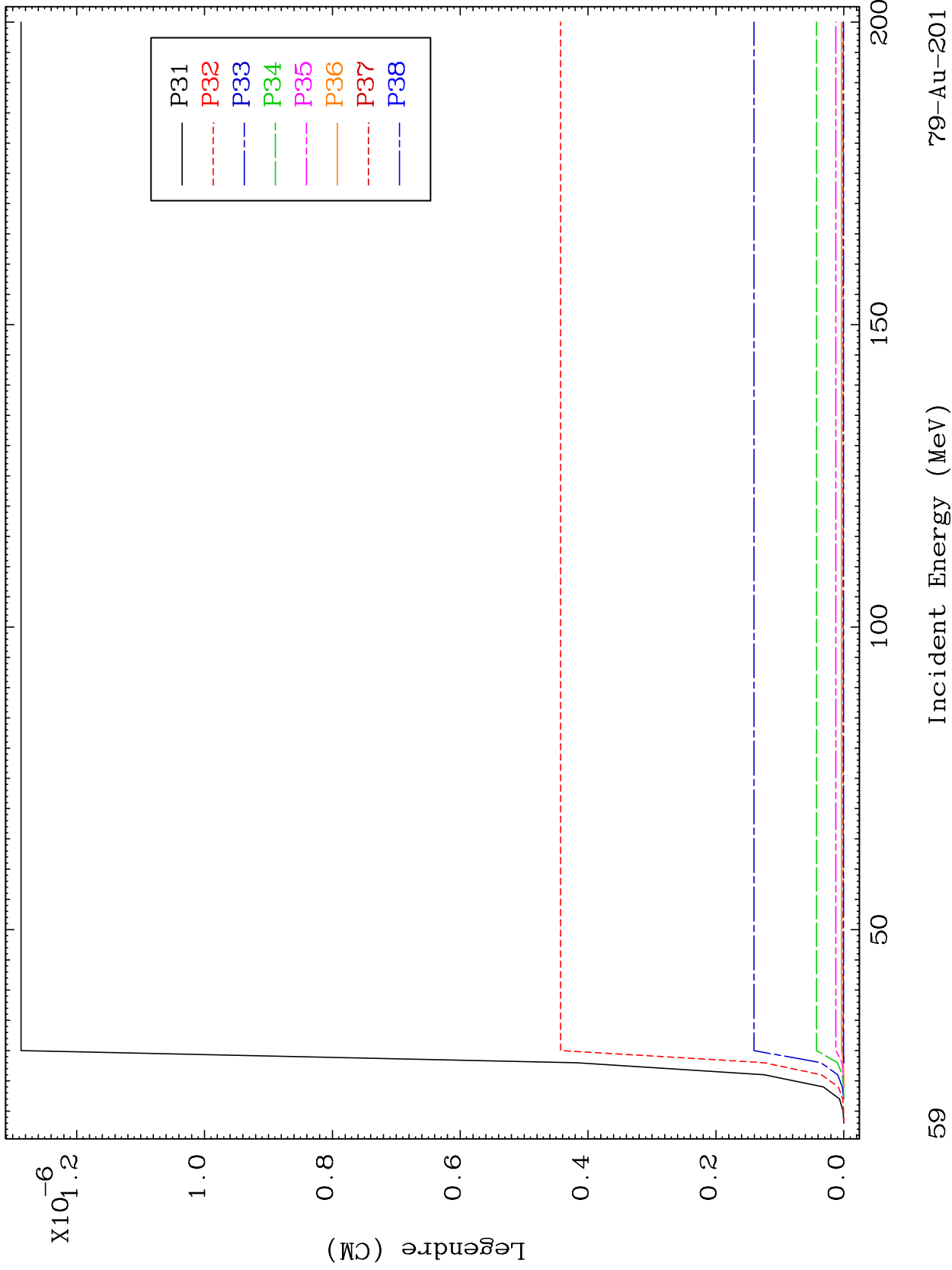
79-Au-201



MAT 7937

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

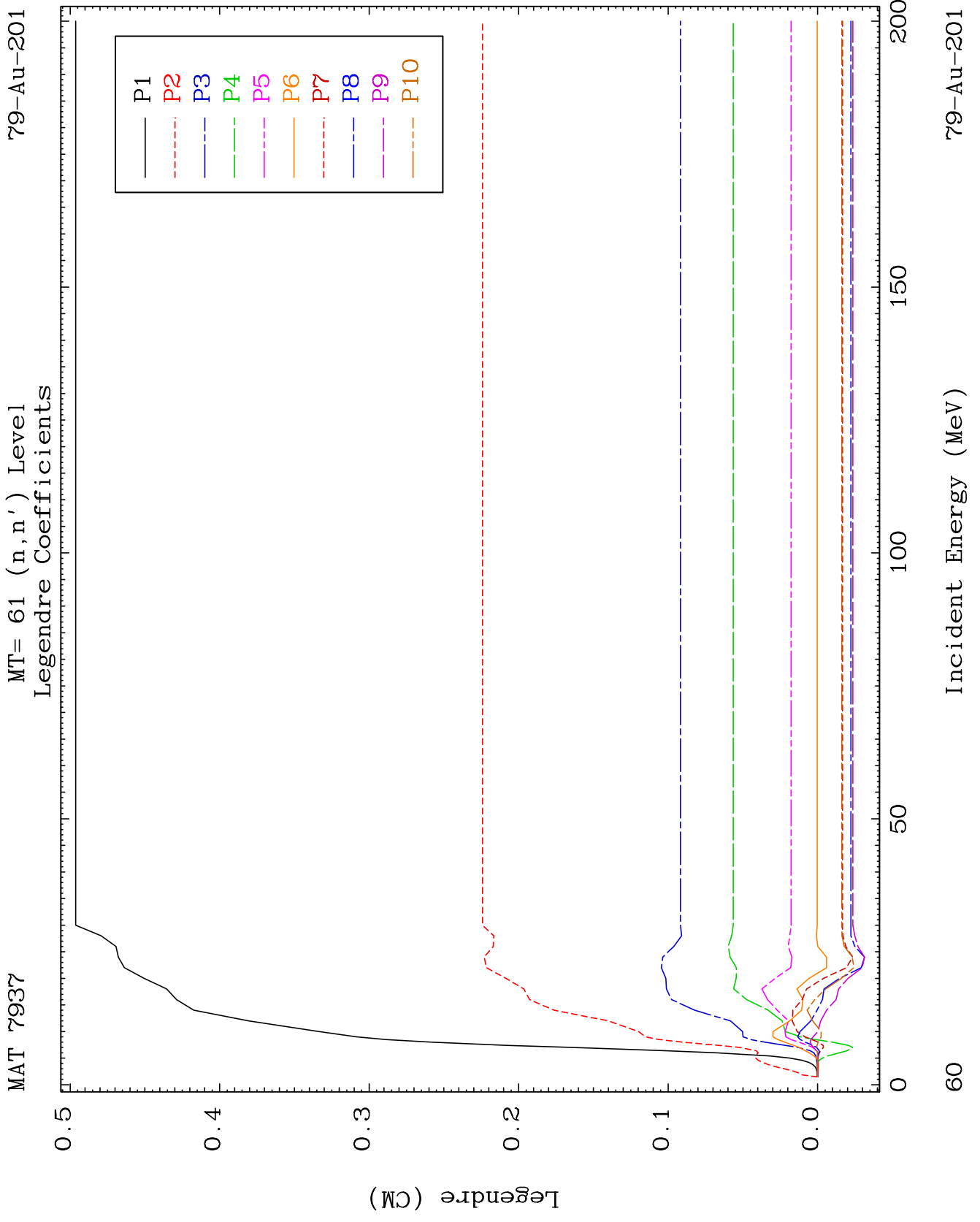
79-Au-201



59

Incident Energy (MeV)

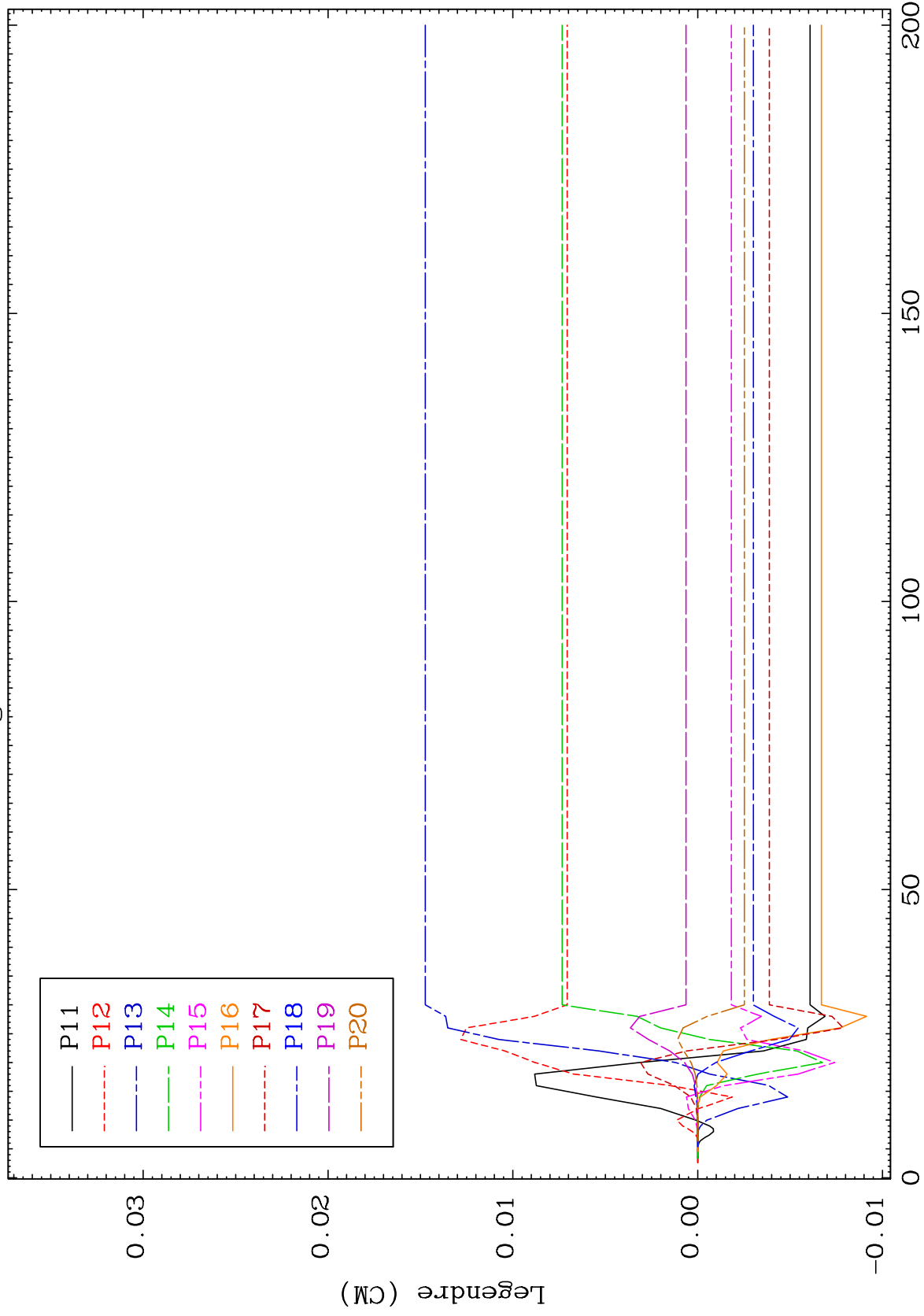
79-Au-201



MAT 7937

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

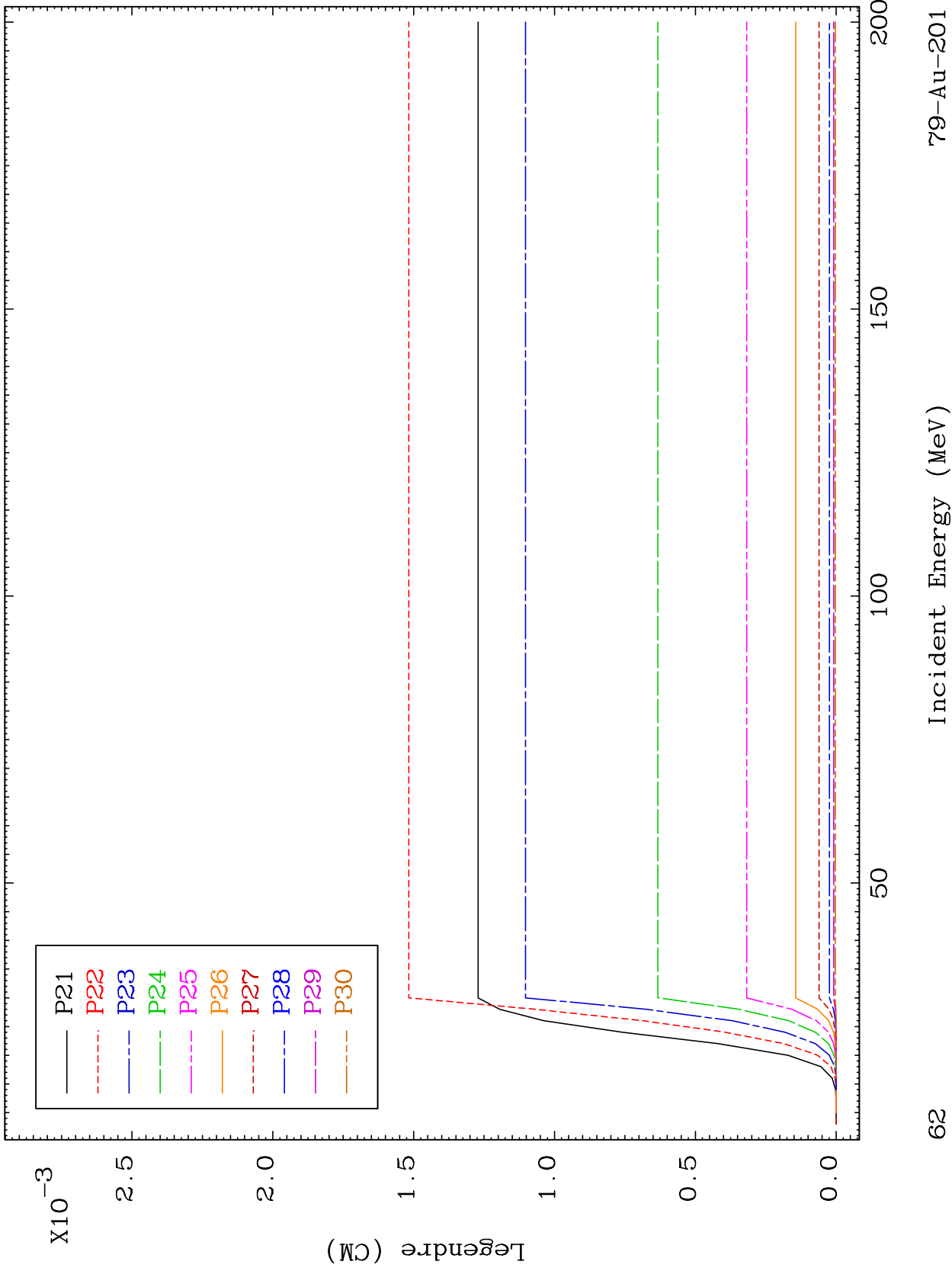
79-Au-201



61

Incident Energy (MeV)

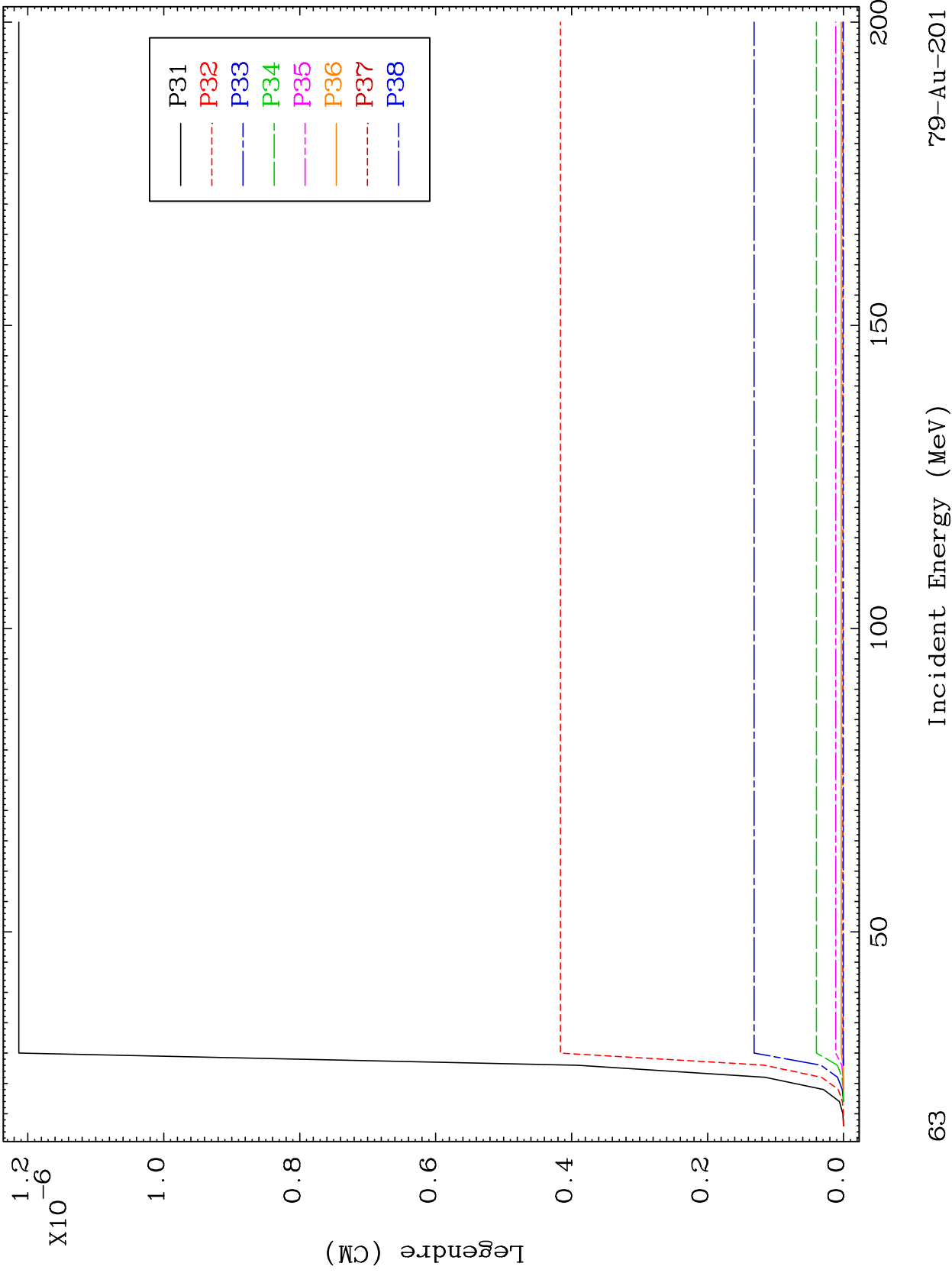
79-Au-201



MAT 7937

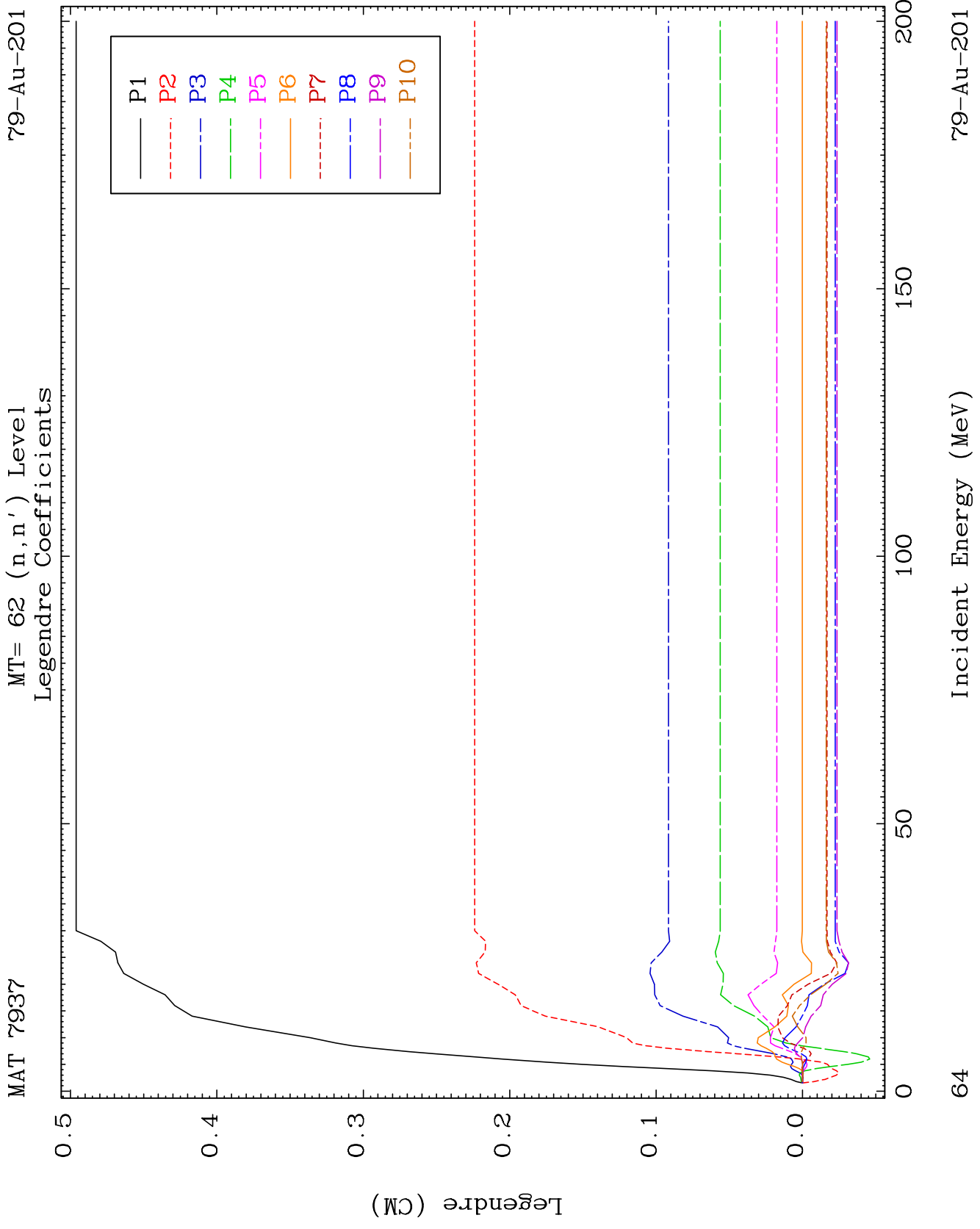
MT= 61 (n,n') Level
Legendre Coefficients

79-Au-201



63

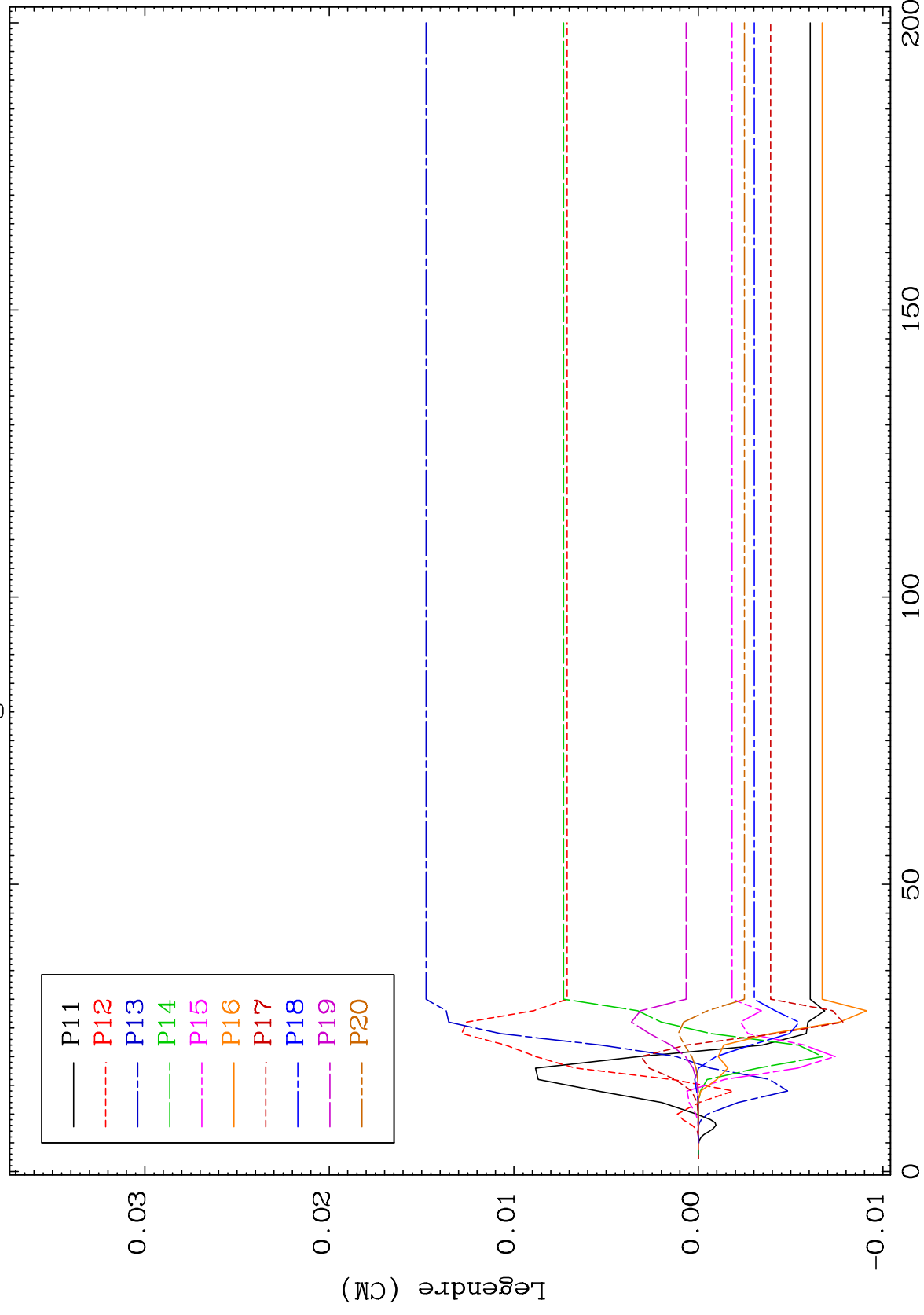
79-Au-201



MAT 7937

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

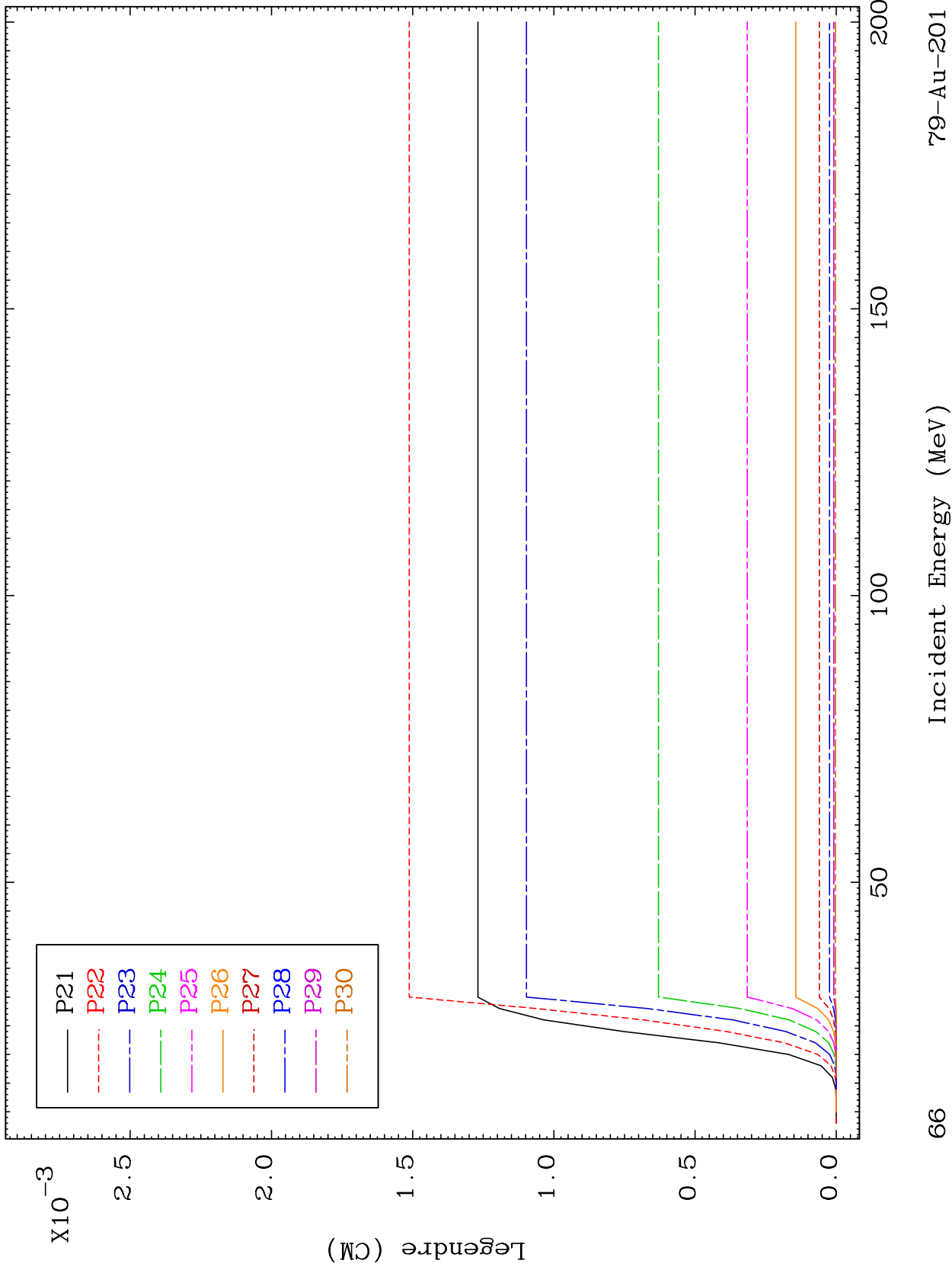
79-Au-201



65

Incident Energy (MeV)

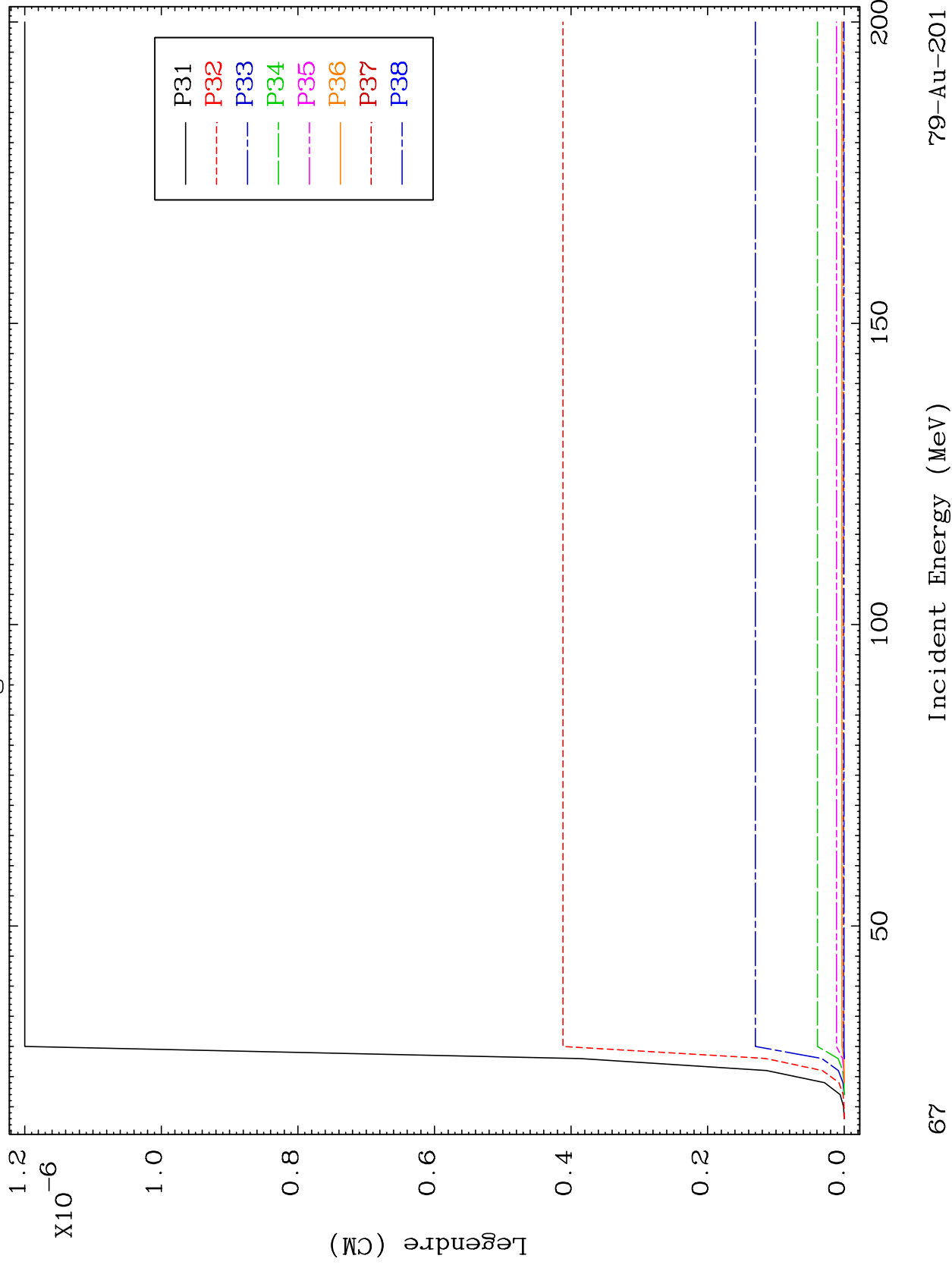
79-Au-201



MAT 7937

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

79-Au-201



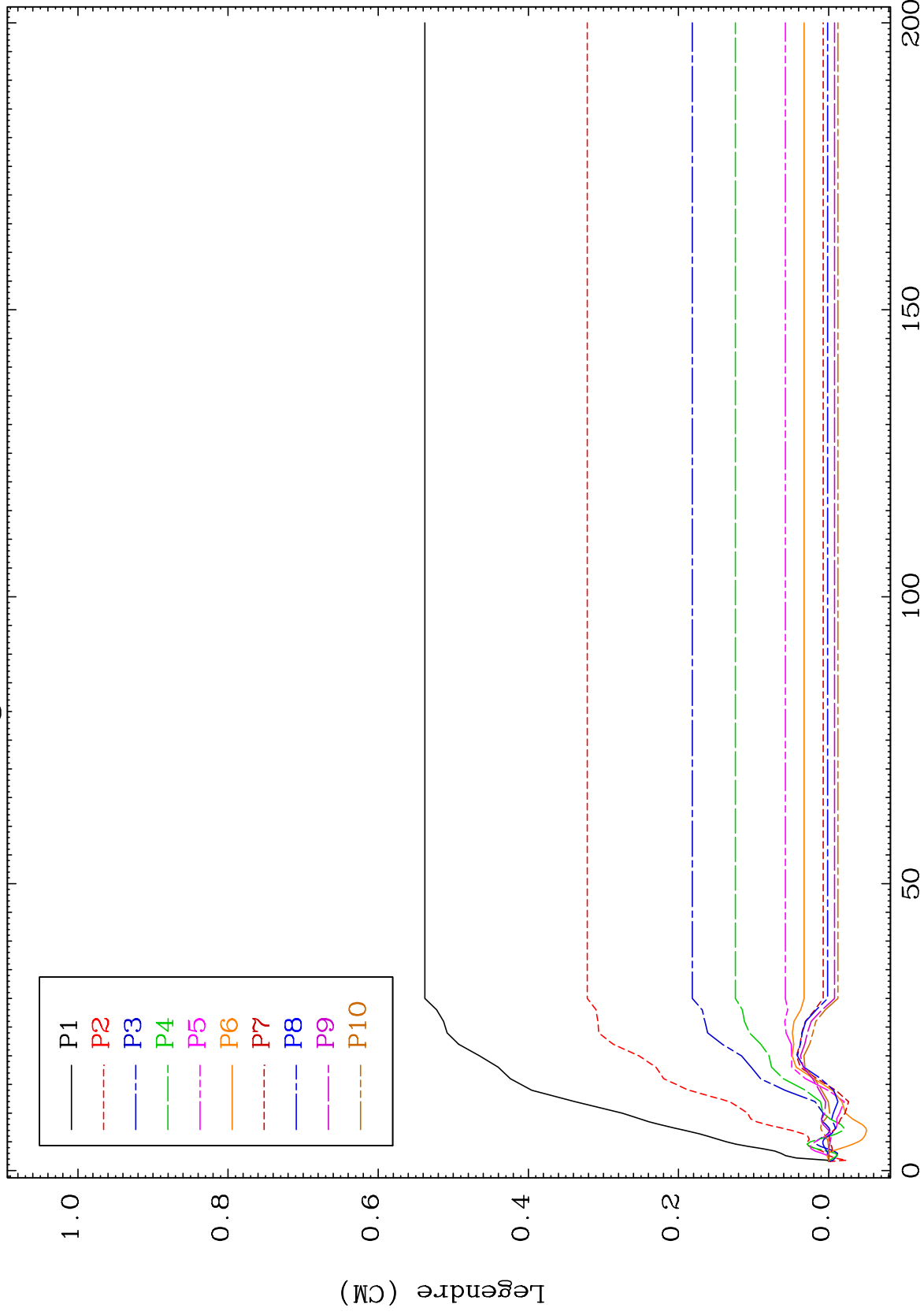
67

79-Au-201

MAT 7937

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

79-Au-201



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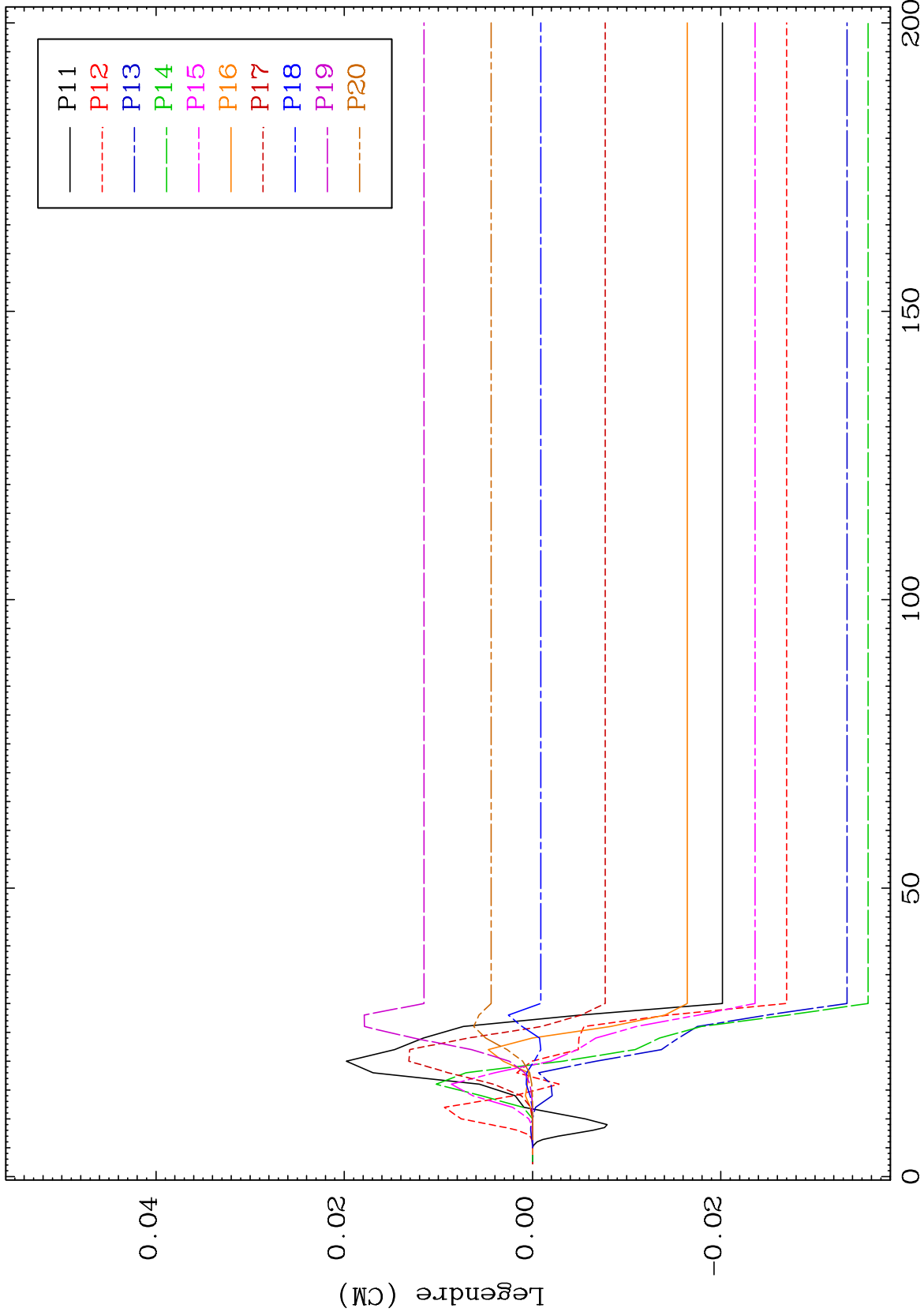
Incident Energy (MeV)

79-Au-201

MAT 7937

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

79-Au-201



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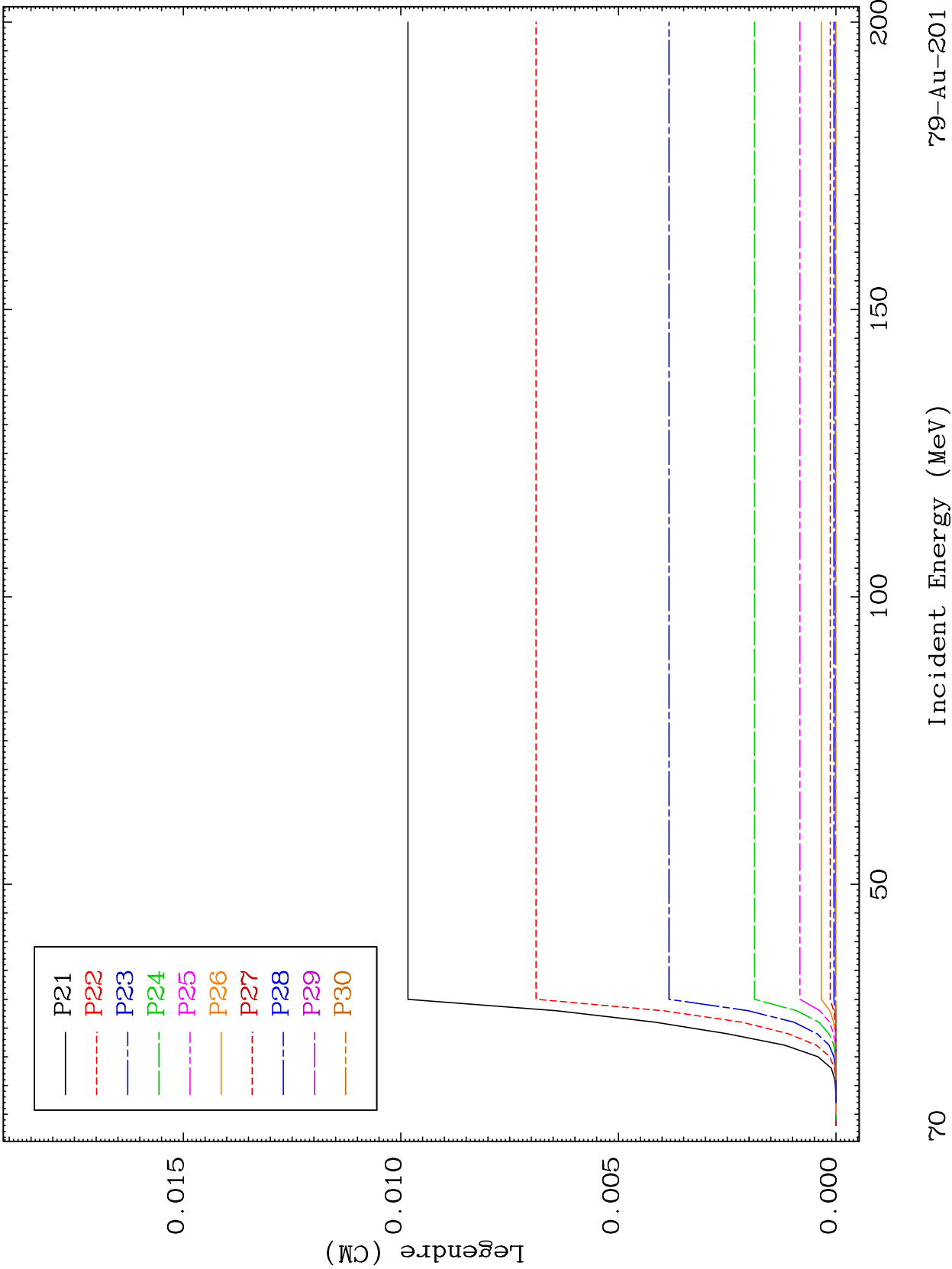
Incident Energy (MeV)

79-Au-201

MAT 7937

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

79-Au-201



70

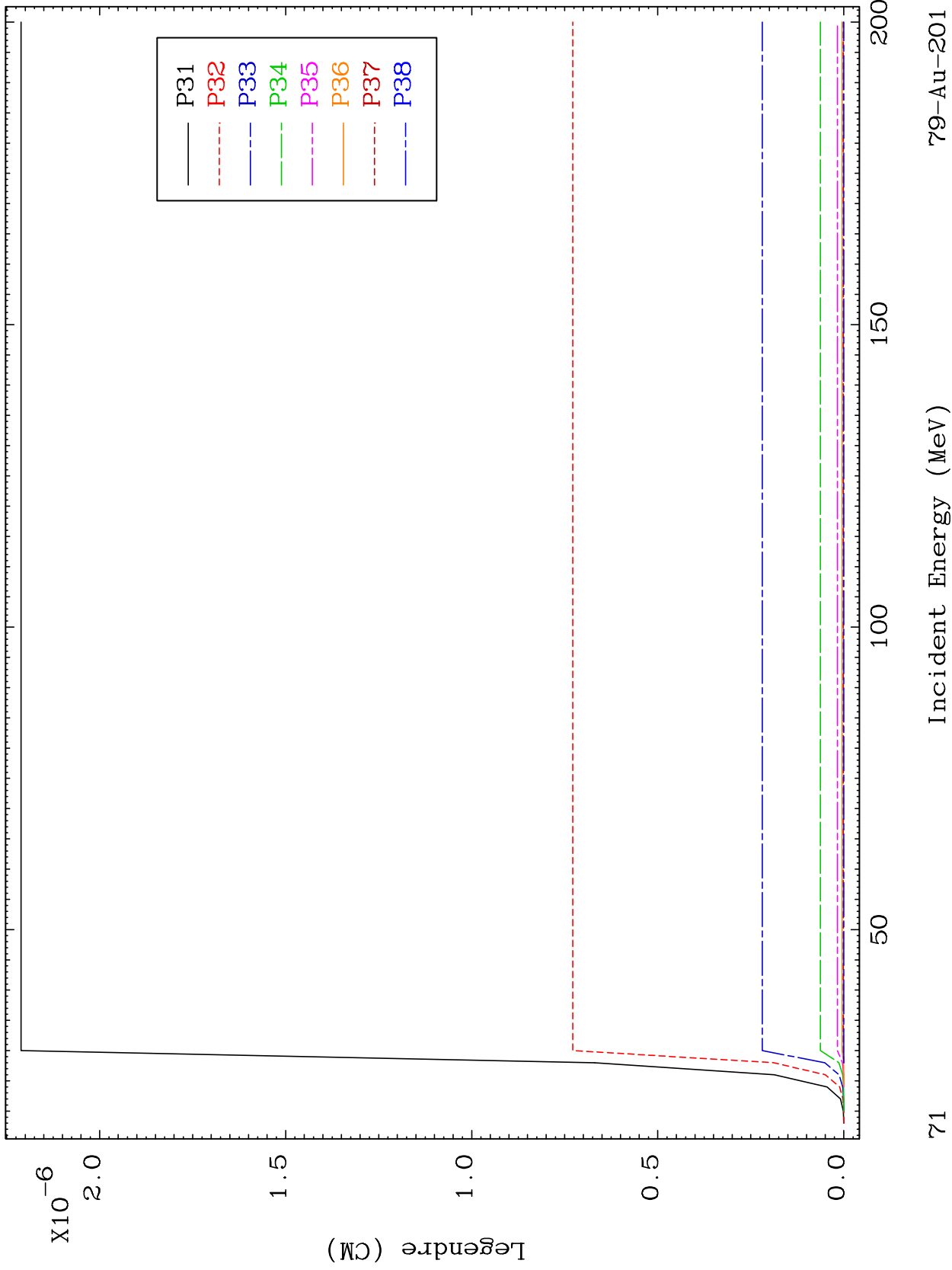
Incident Energy (MeV)

79-Au-201

MAT 7937

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

79-Au-201



71

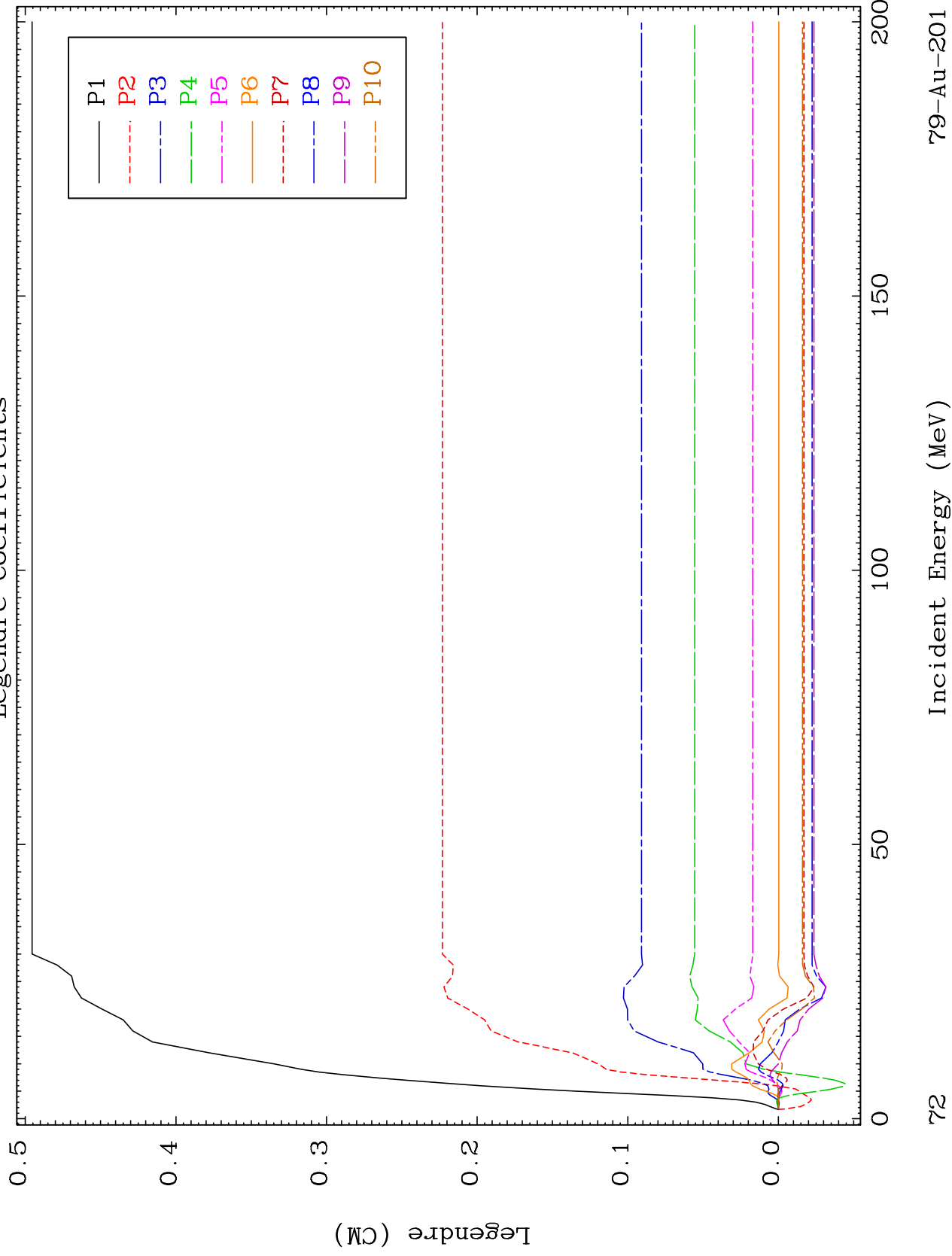
Incident Energy (MeV)

79-Au-201

MAT 7937

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

79-Au-201



79-Au-201

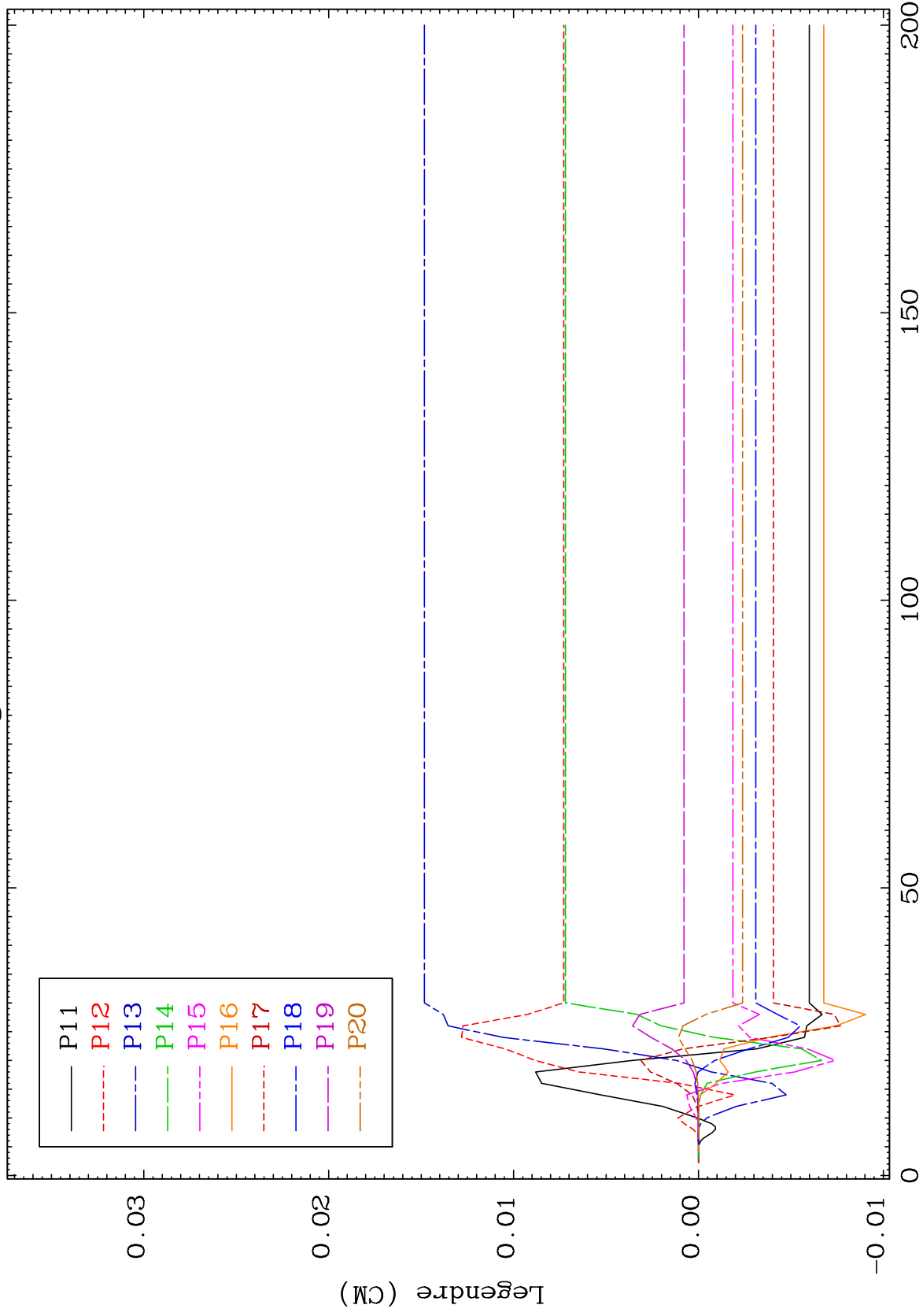
Incident Energy (MeV)

72

MAT 7937

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

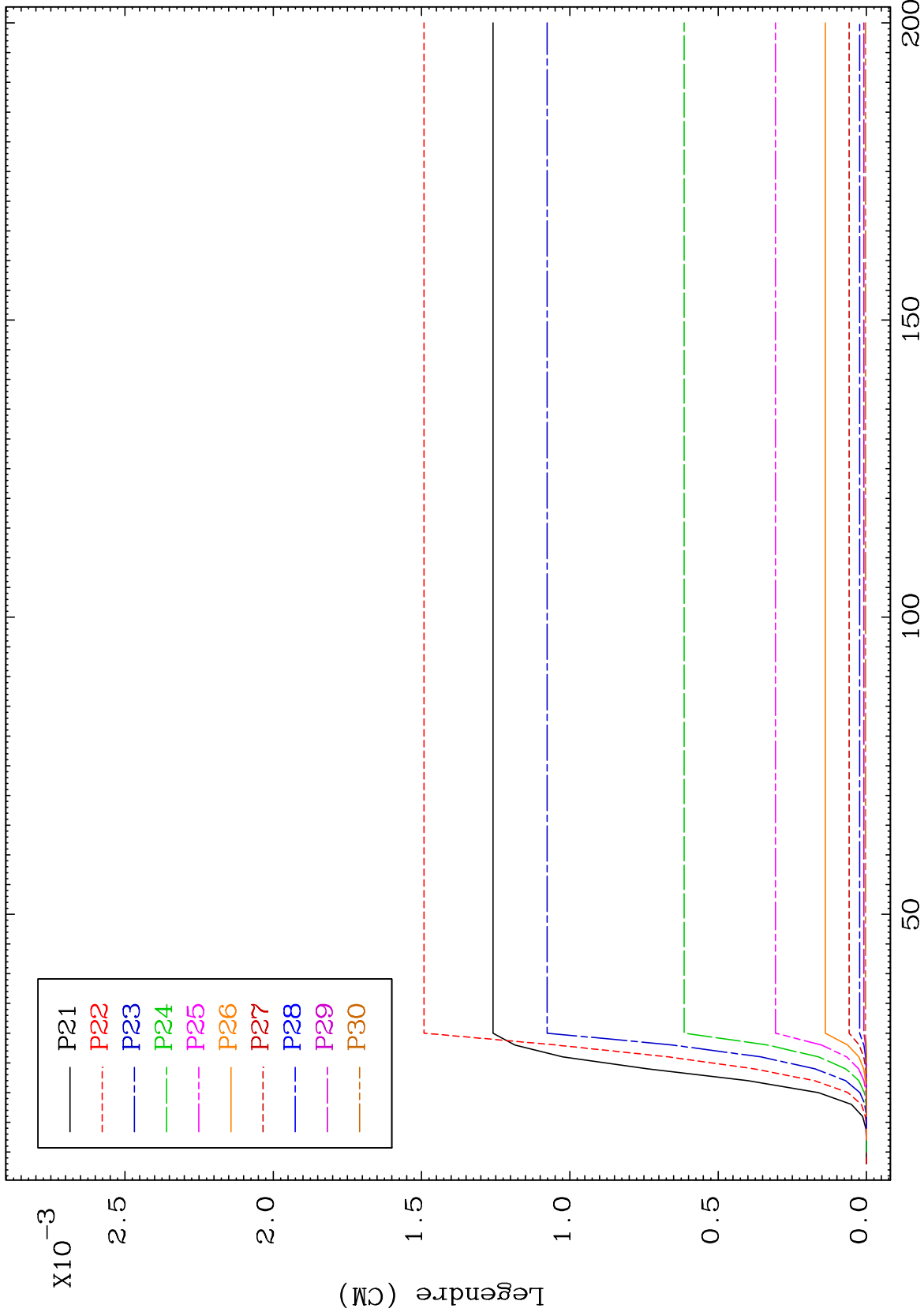
79-Au-201



73

Incident Energy (MeV)

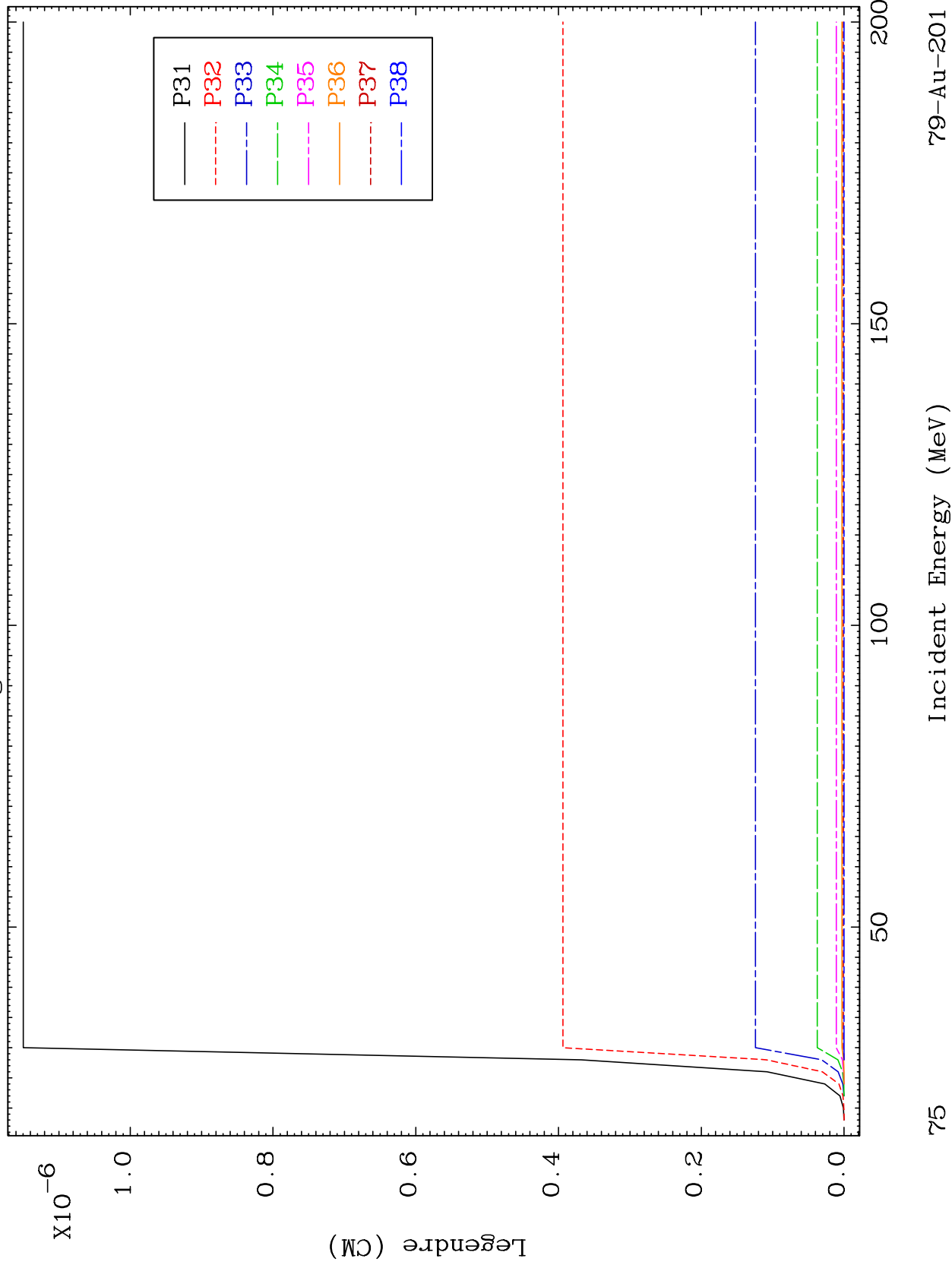
79-Au-201



MAT 7937

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

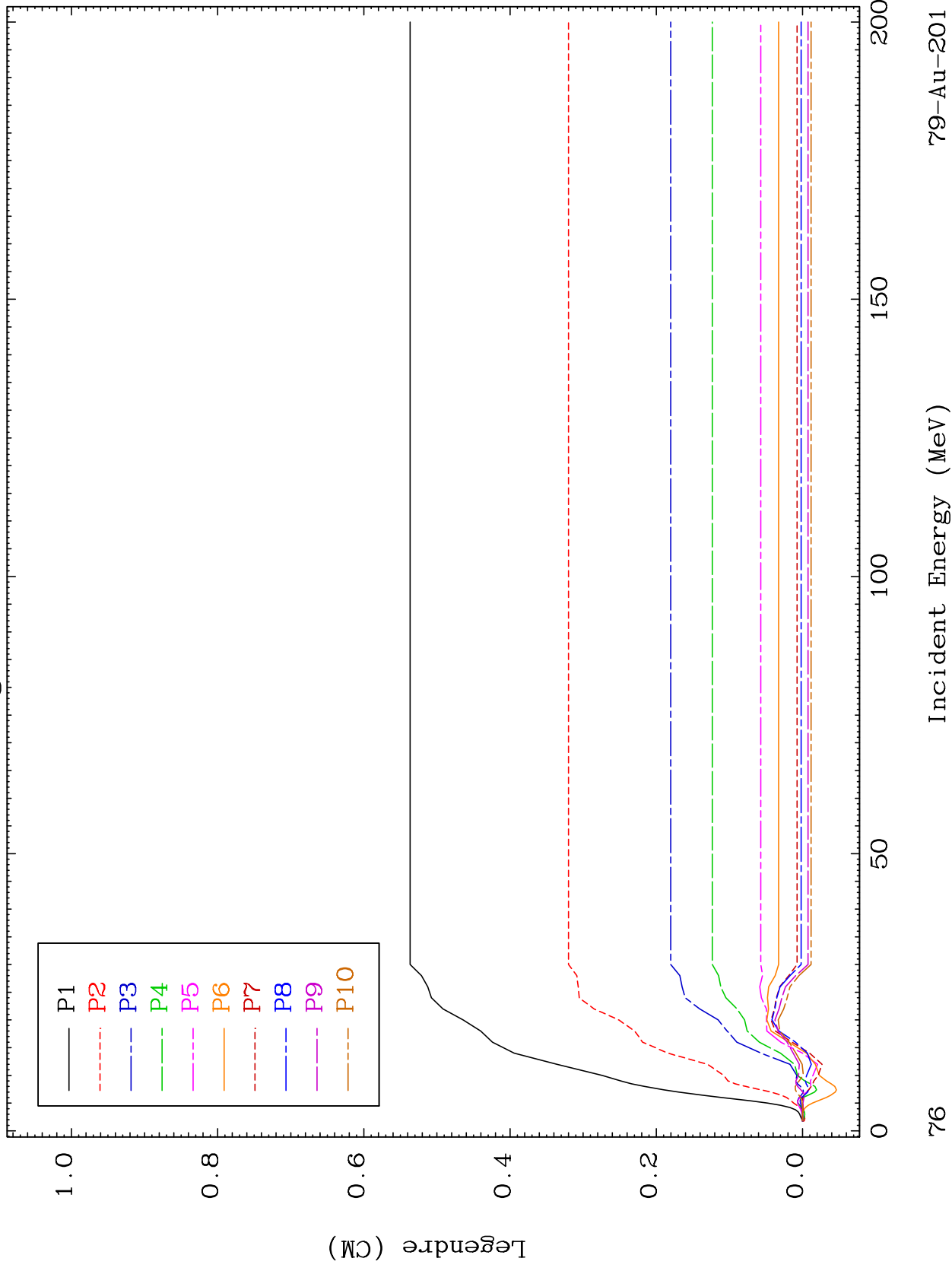
79-Au-201



MAT 7937

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

79-Au-201



76

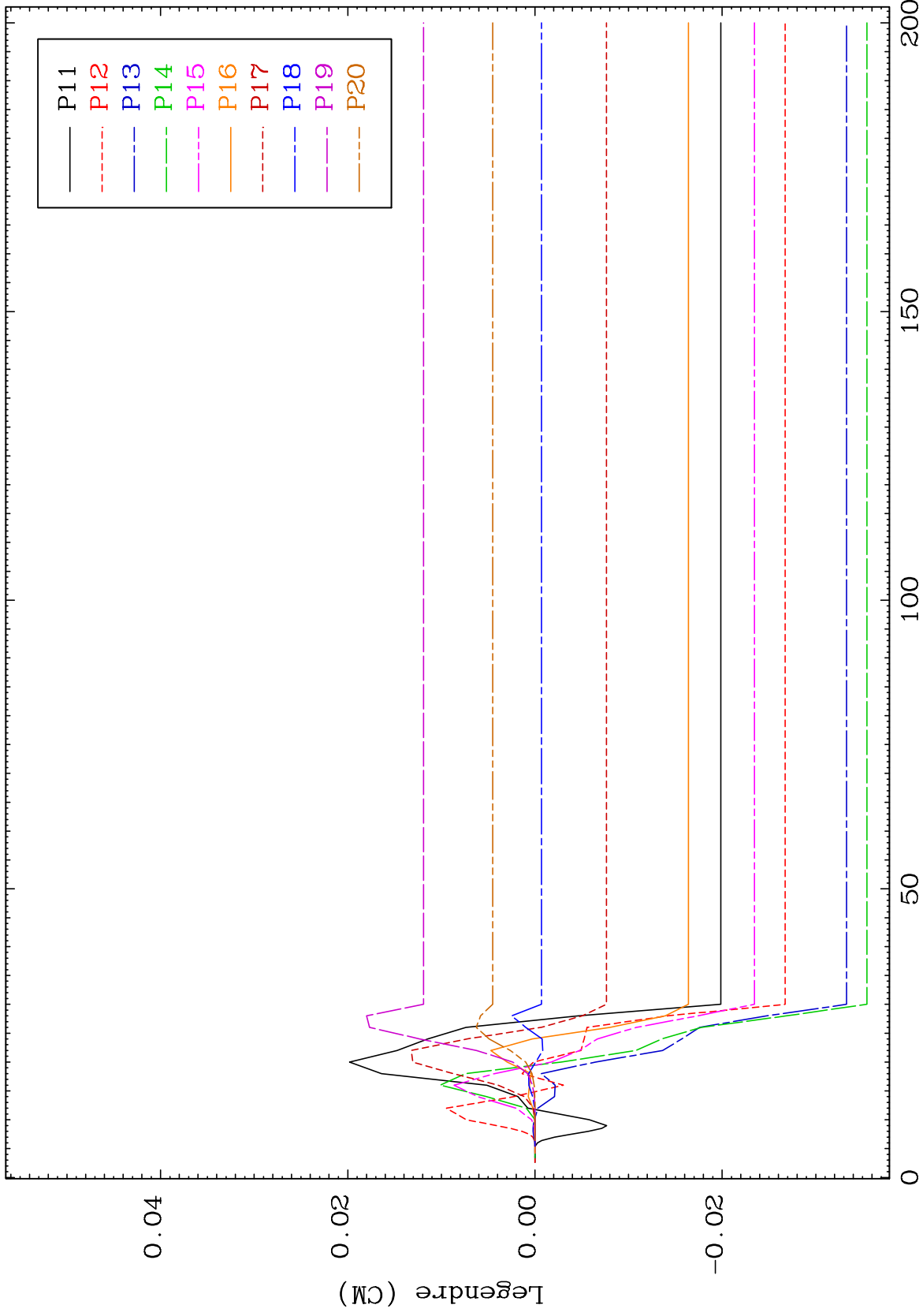
Incident Energy (MeV)

79-Au-201

MAT 7937

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

79-Au-201



77

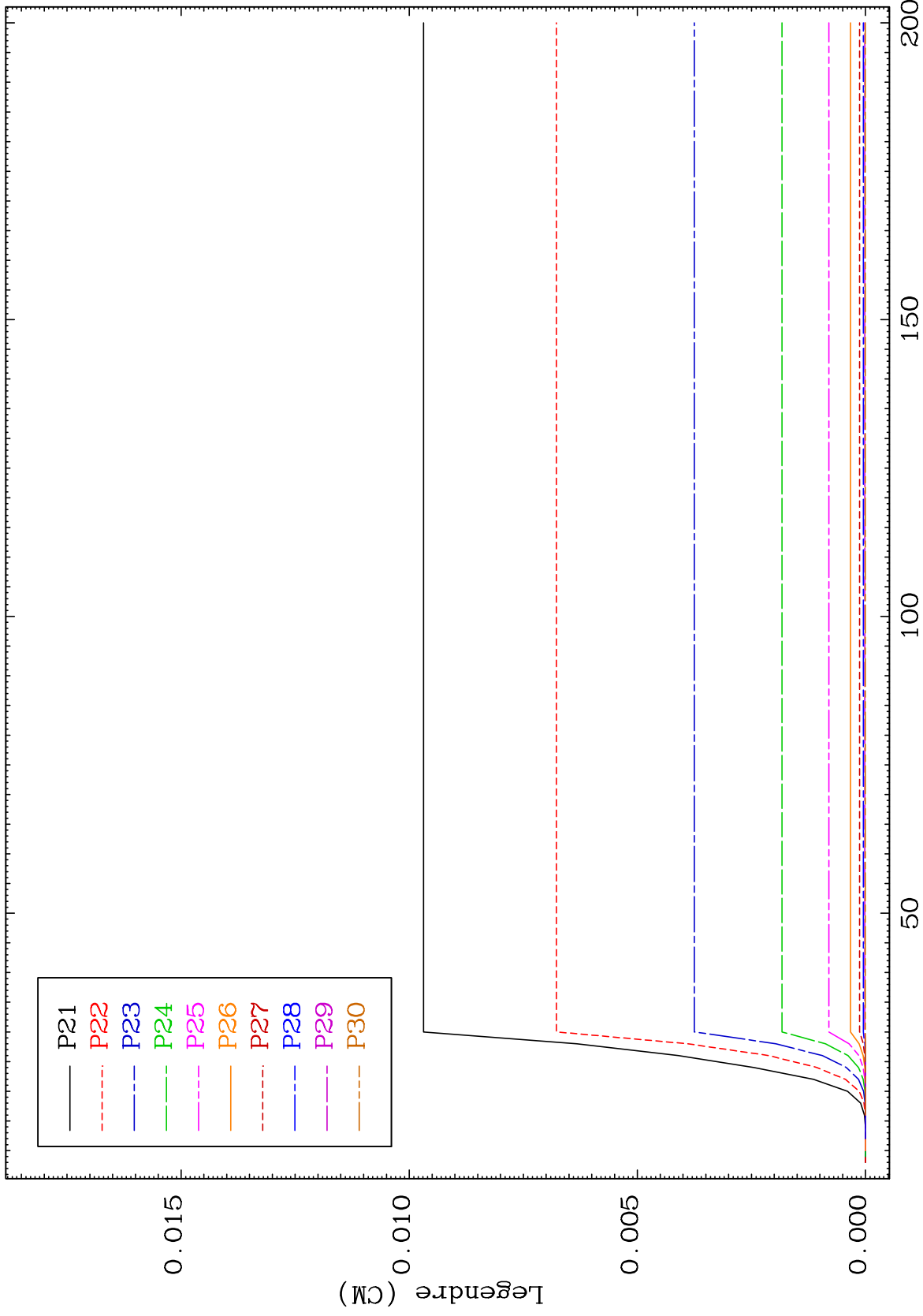
Incident Energy (MeV)

79-Au-201

MAT 7937

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

79-Au-201



78

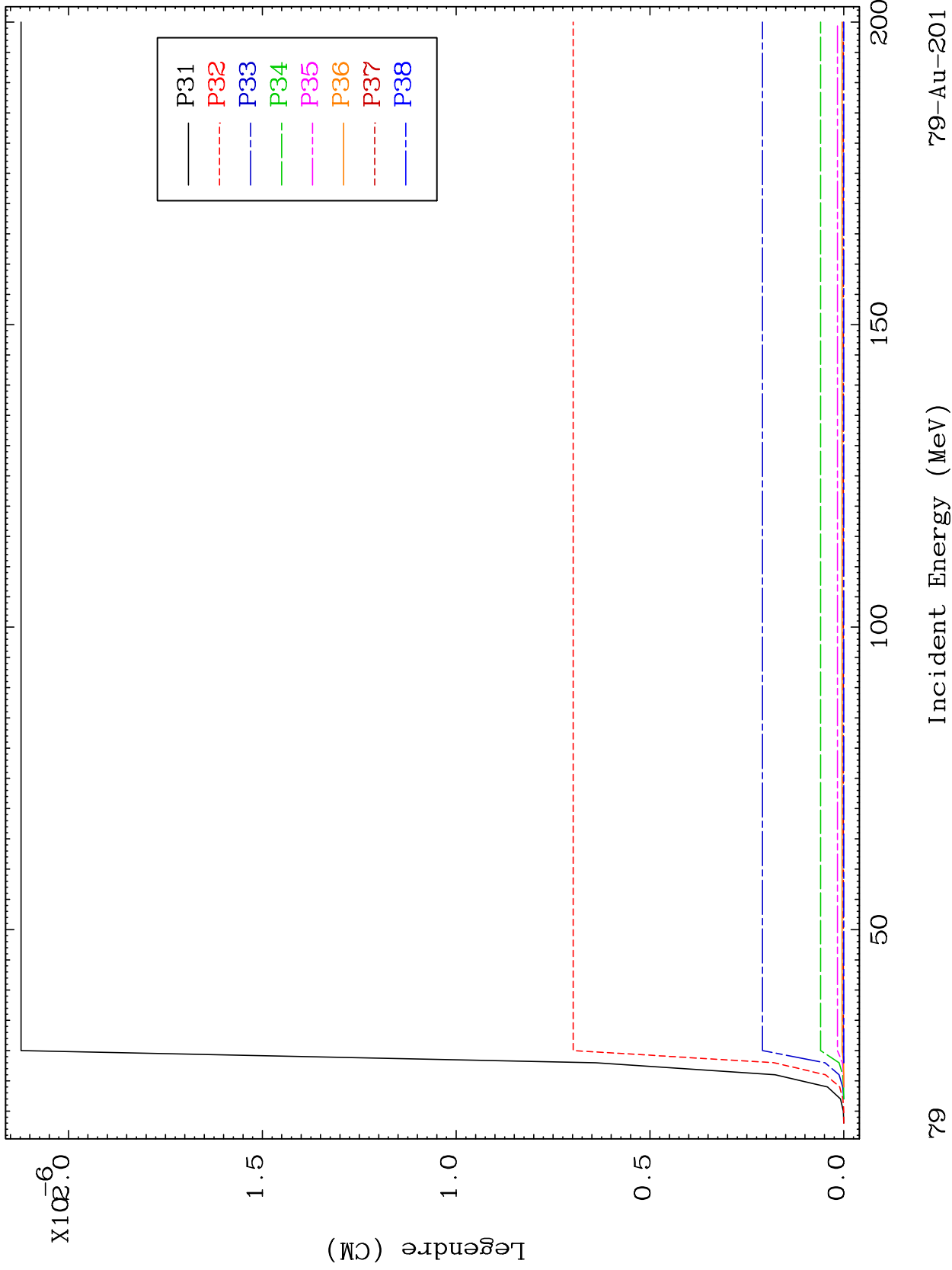
Incident Energy (MeV)

79-Au-201

MAT 7937

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

79-Au-201



79

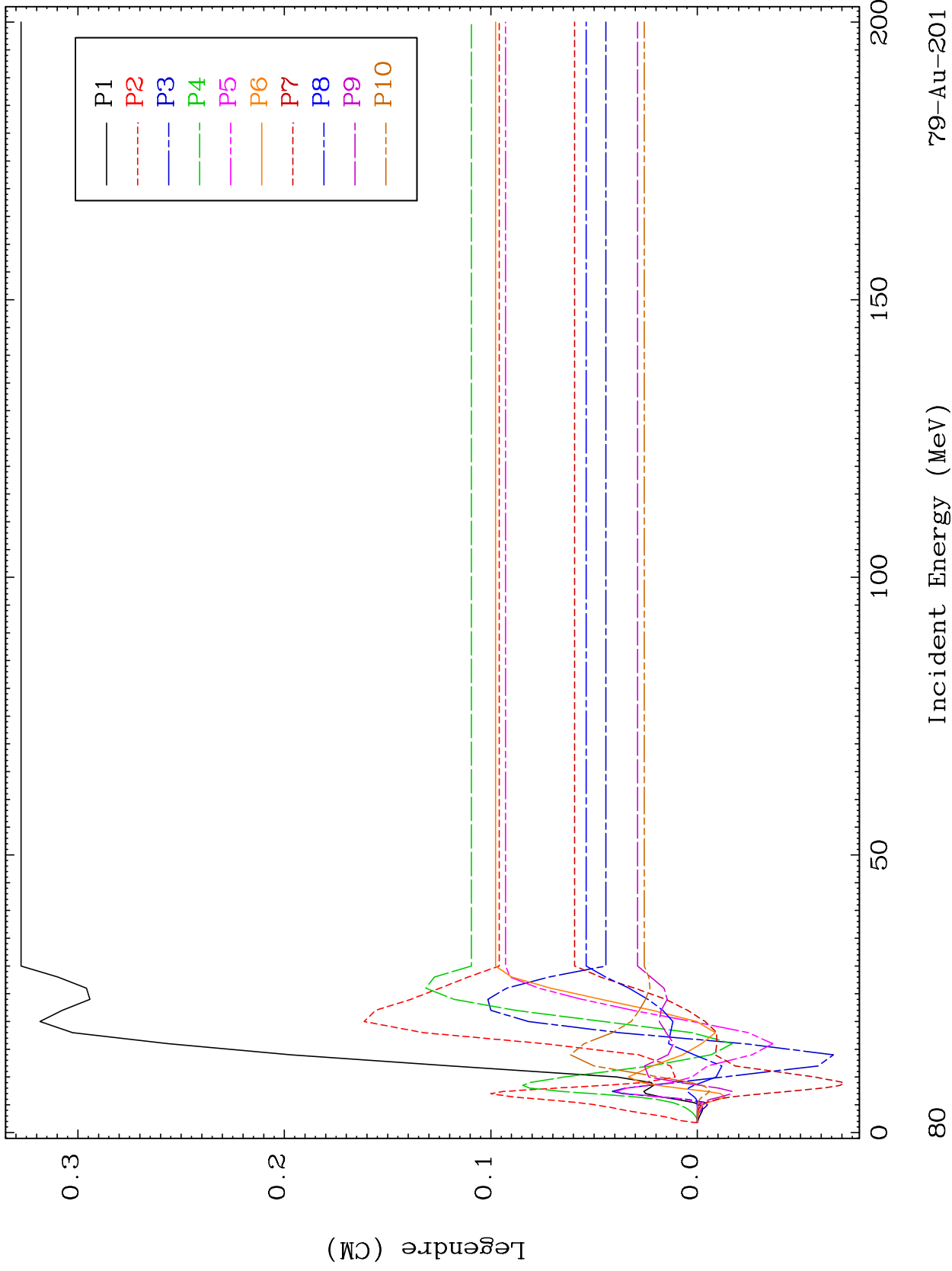
Incident Energy (MeV)

79-Au-201

MAT 7937

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

79-Au-201



79-Au-201

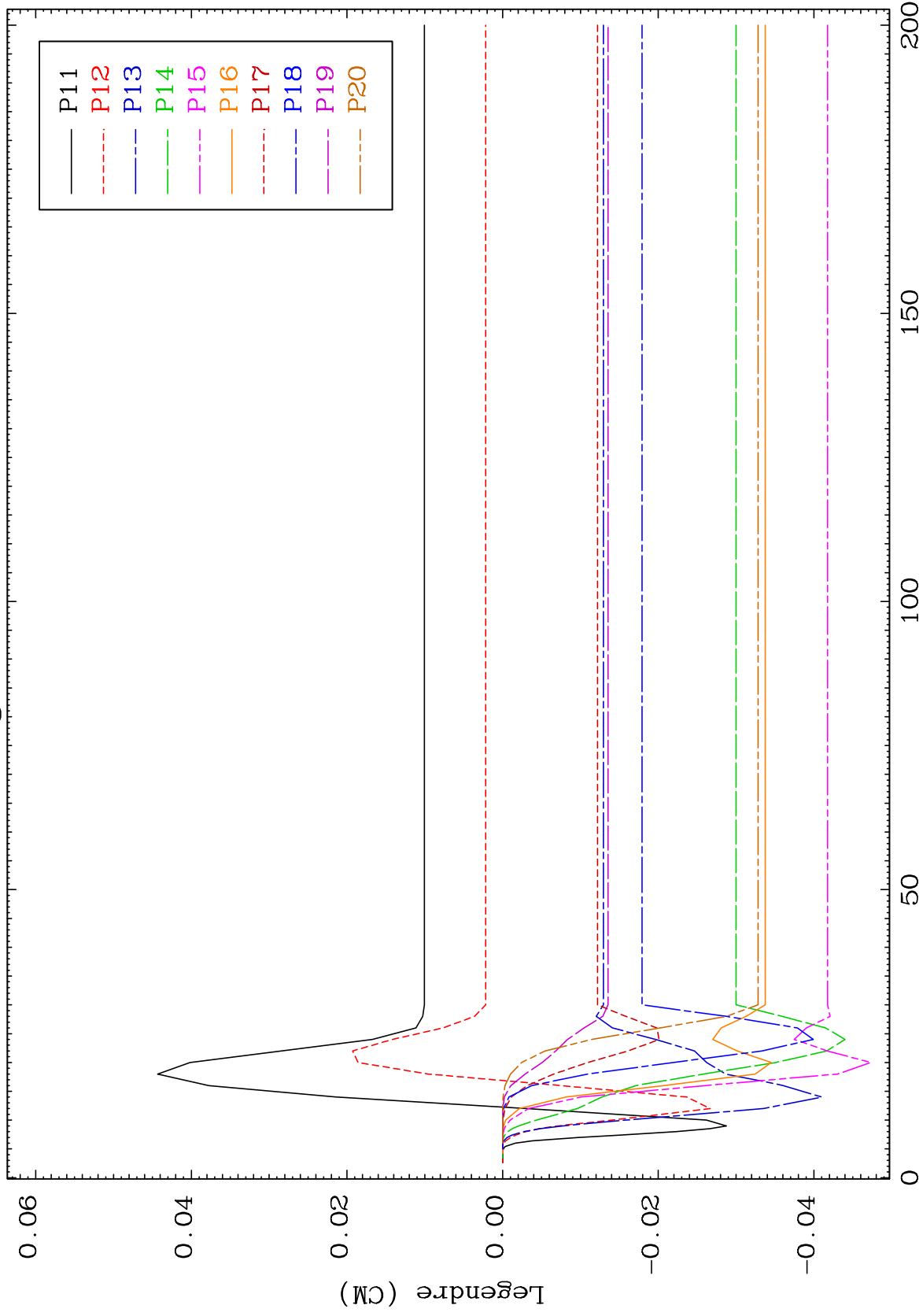
Incident Energy (MeV)

80

MAT 7937

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

79-Au-201



81

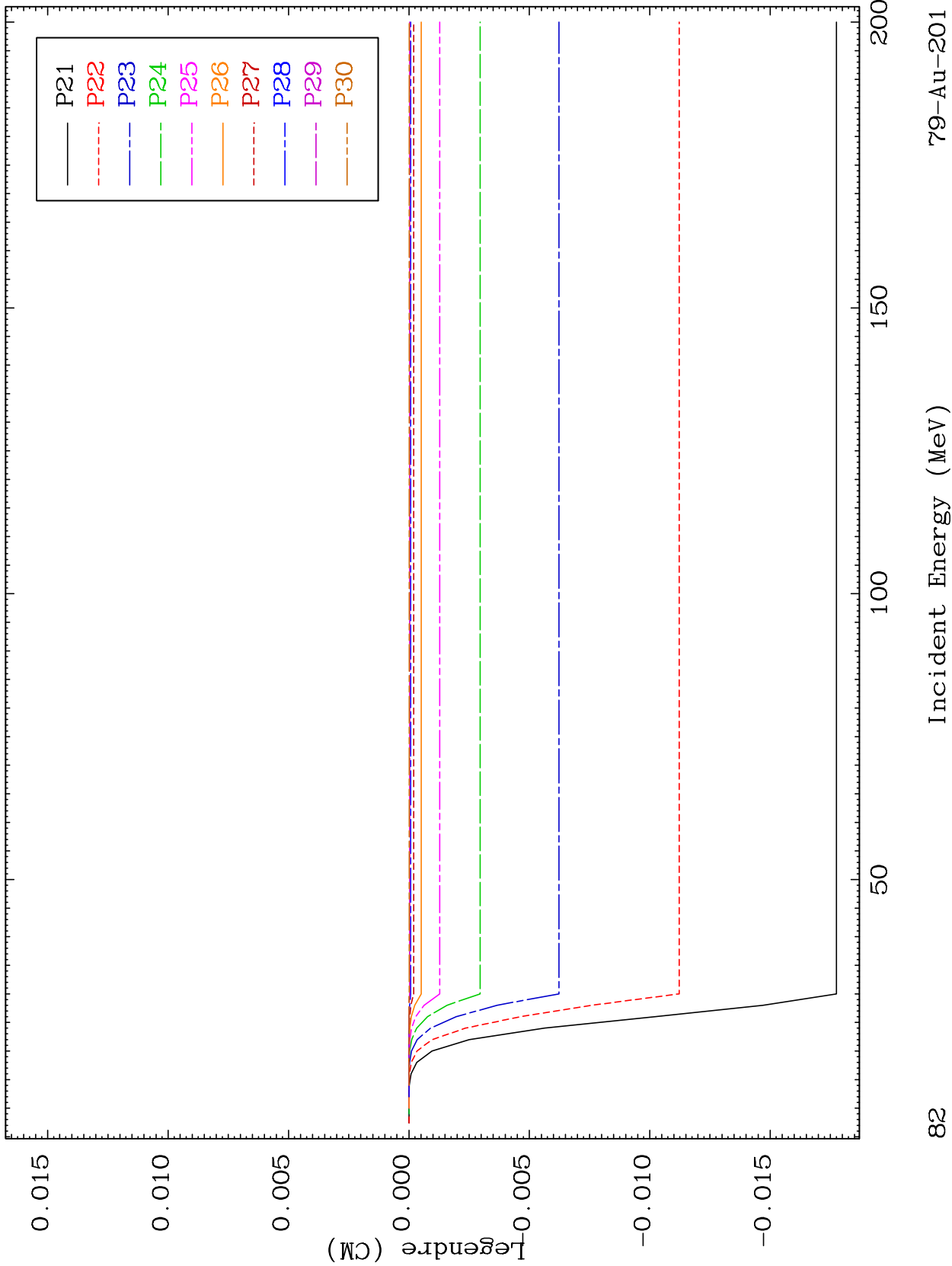
Incident Energy (MeV)

79-Au-201

MAT 7937

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

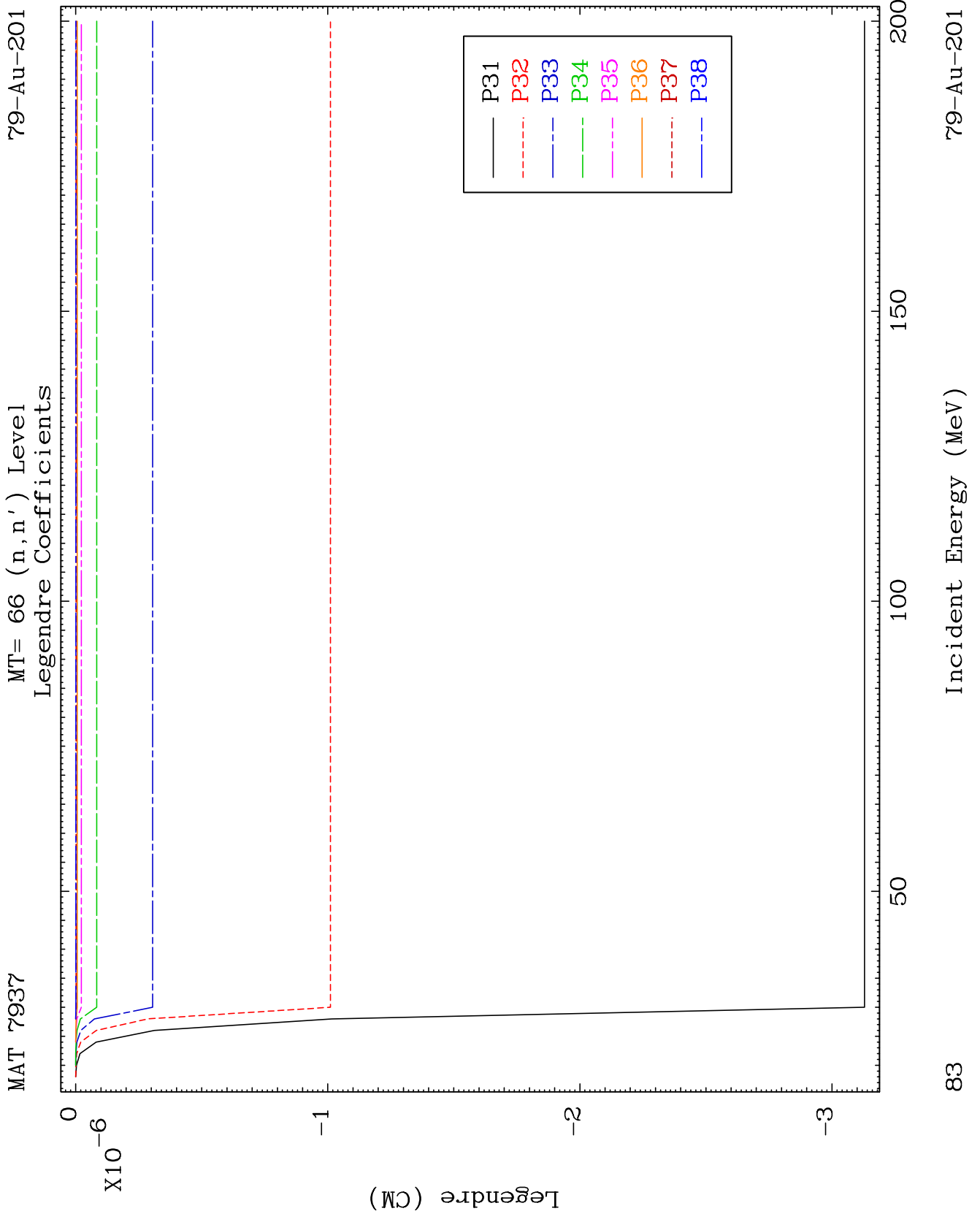
79-Au-201



82

Incident Energy (MeV)

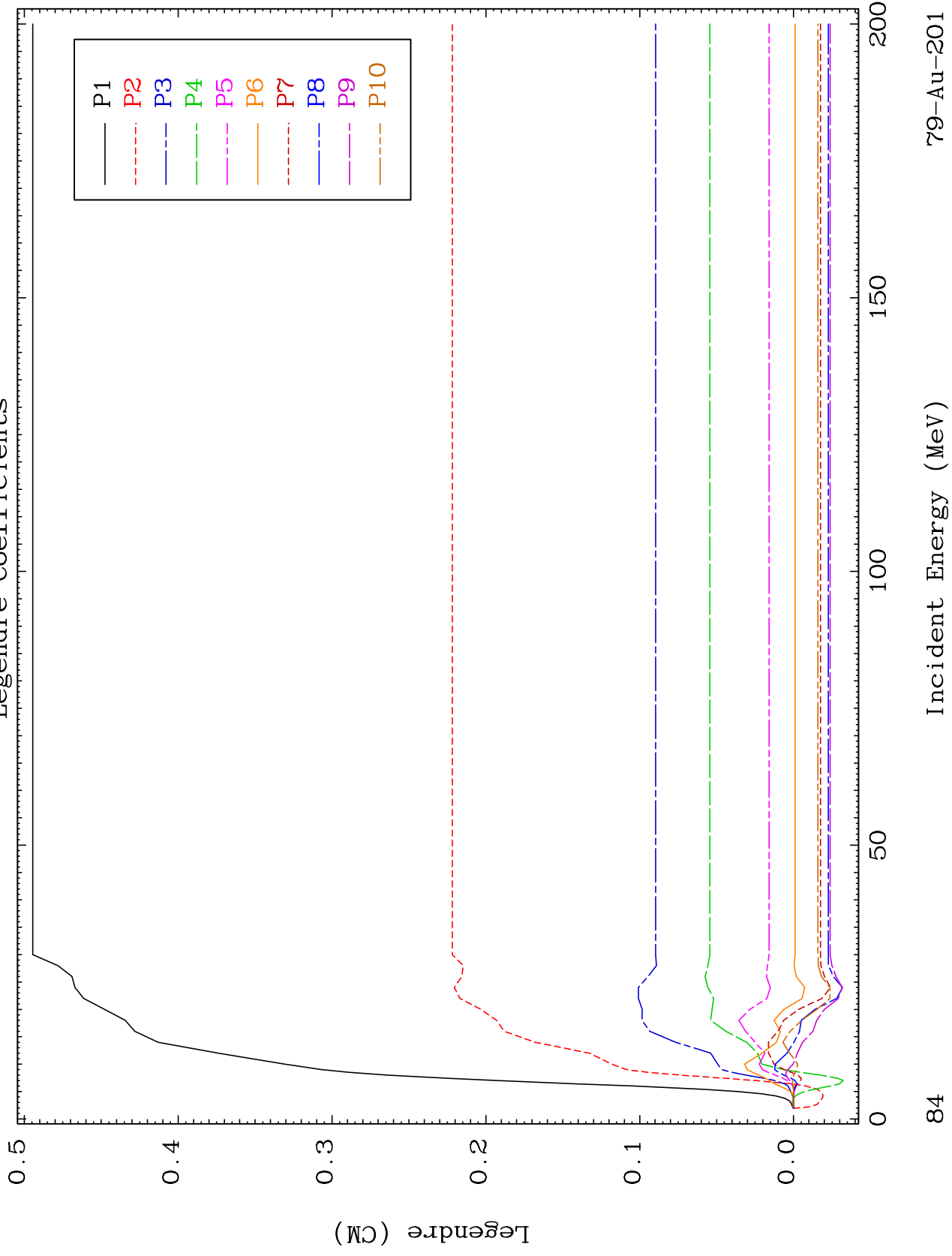
79-Au-201



MAT 7937

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

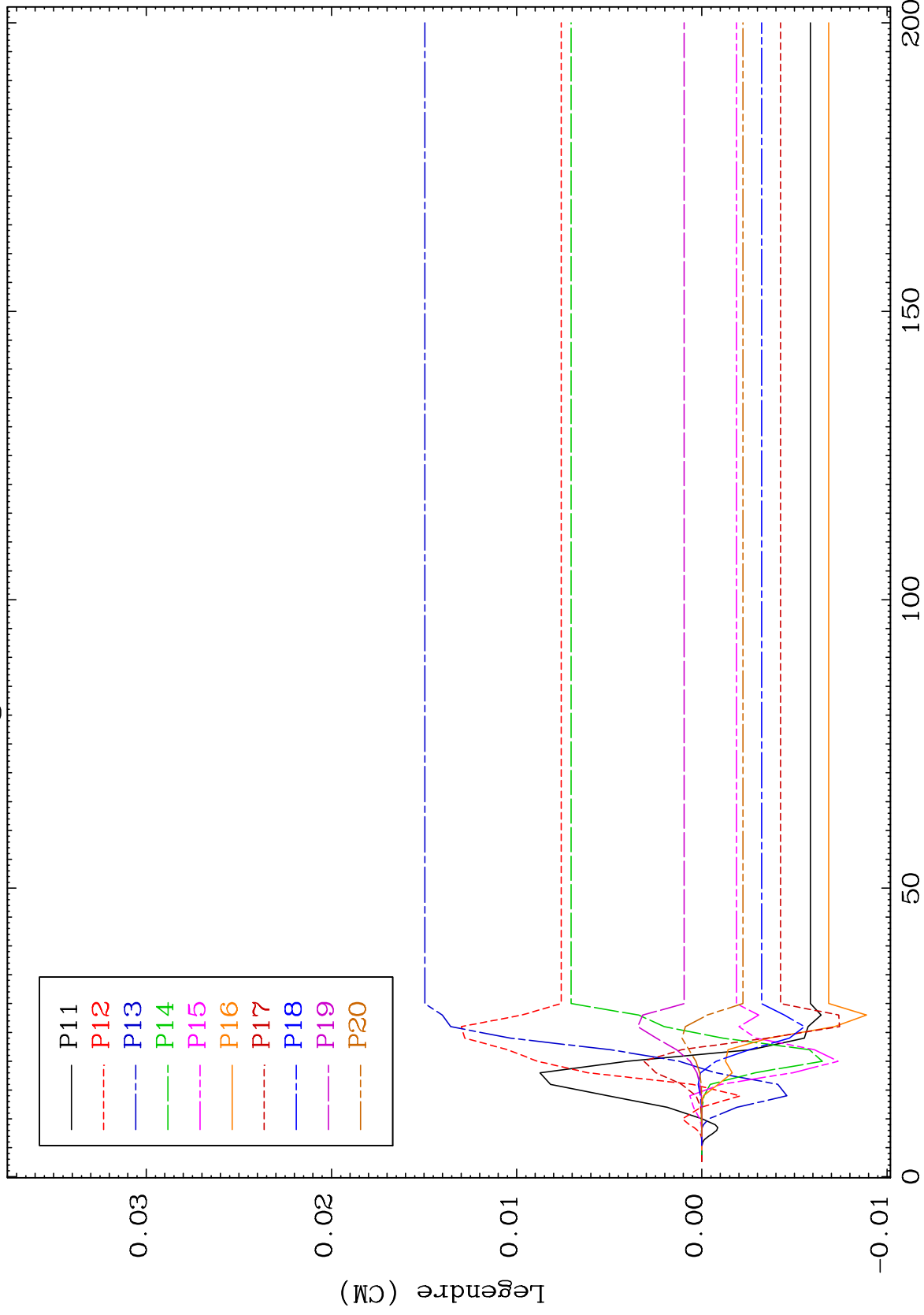
79-Au-201



MAT 7937

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

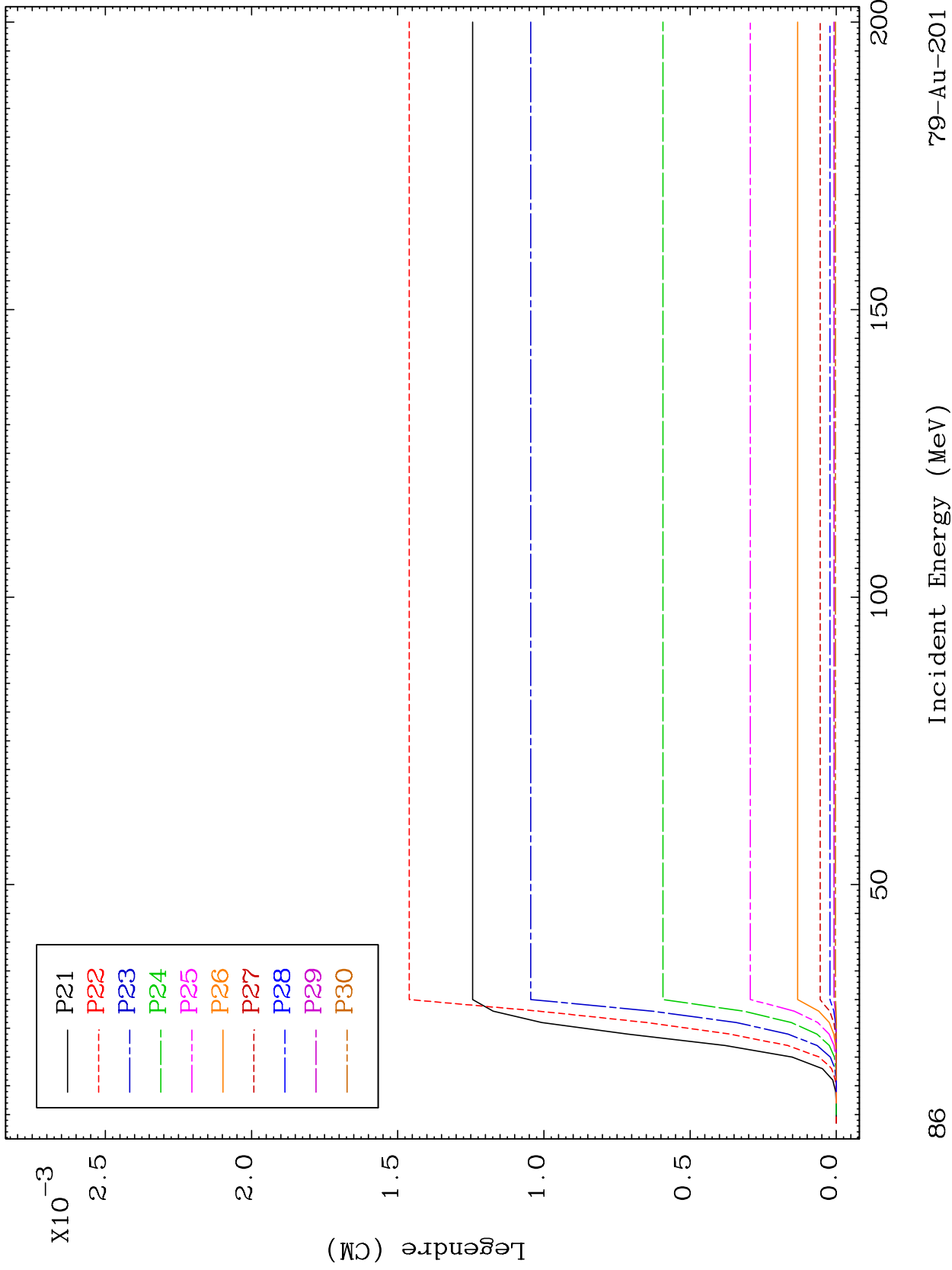
79-Au-201



85

Incident Energy (MeV)

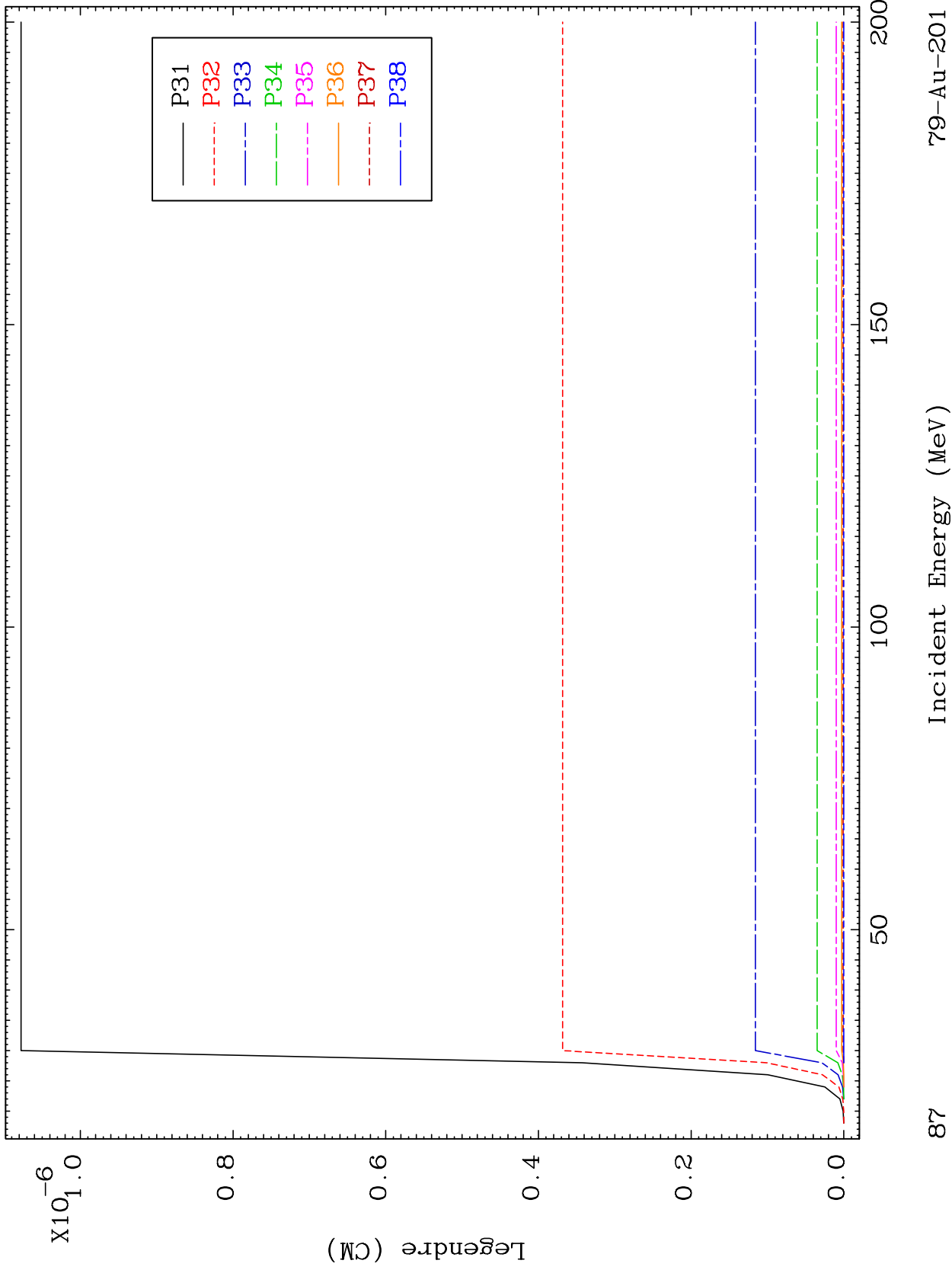
79-Au-201



MAT 7937

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

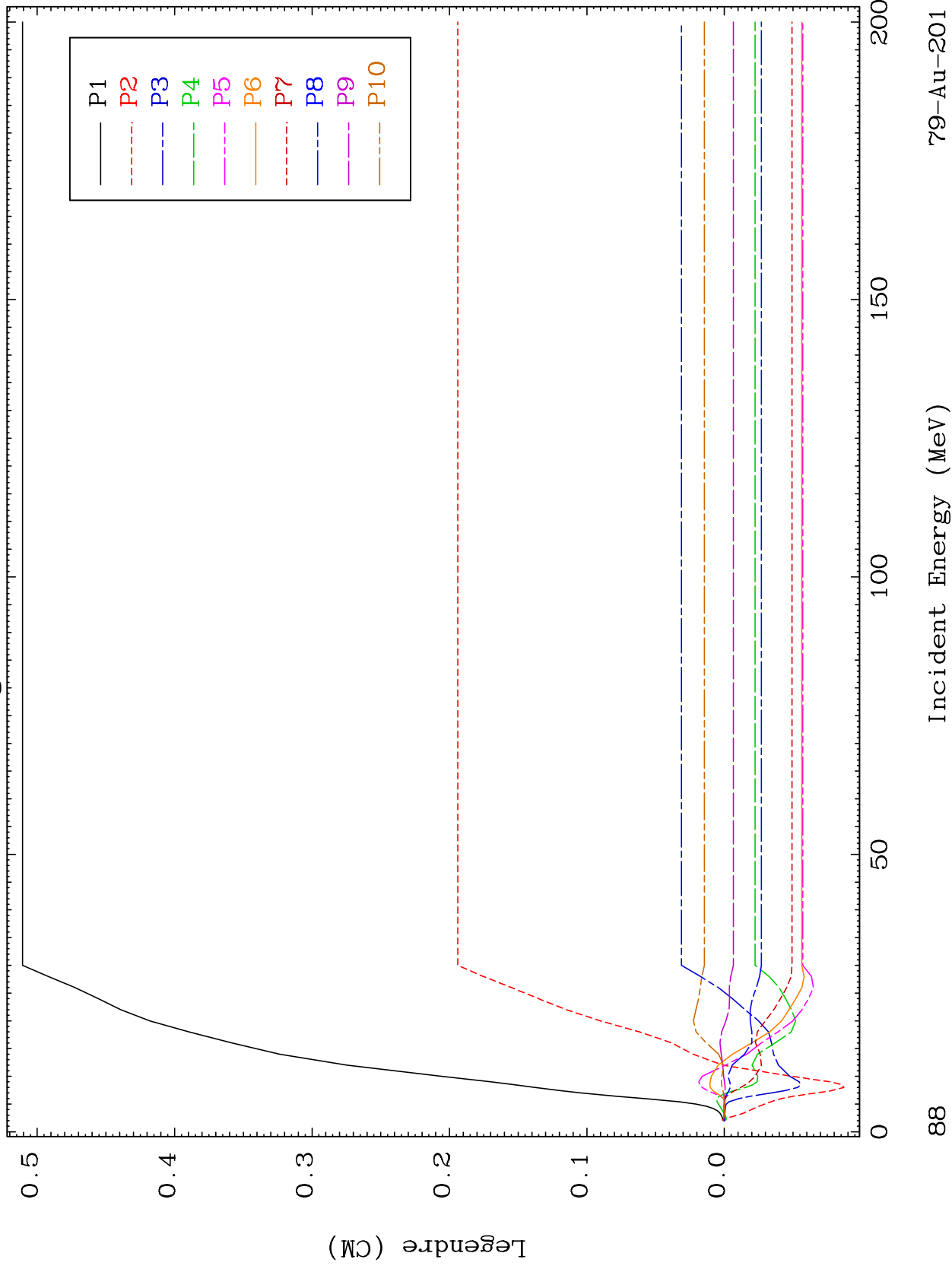
79-Au-201



MAT 7937

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

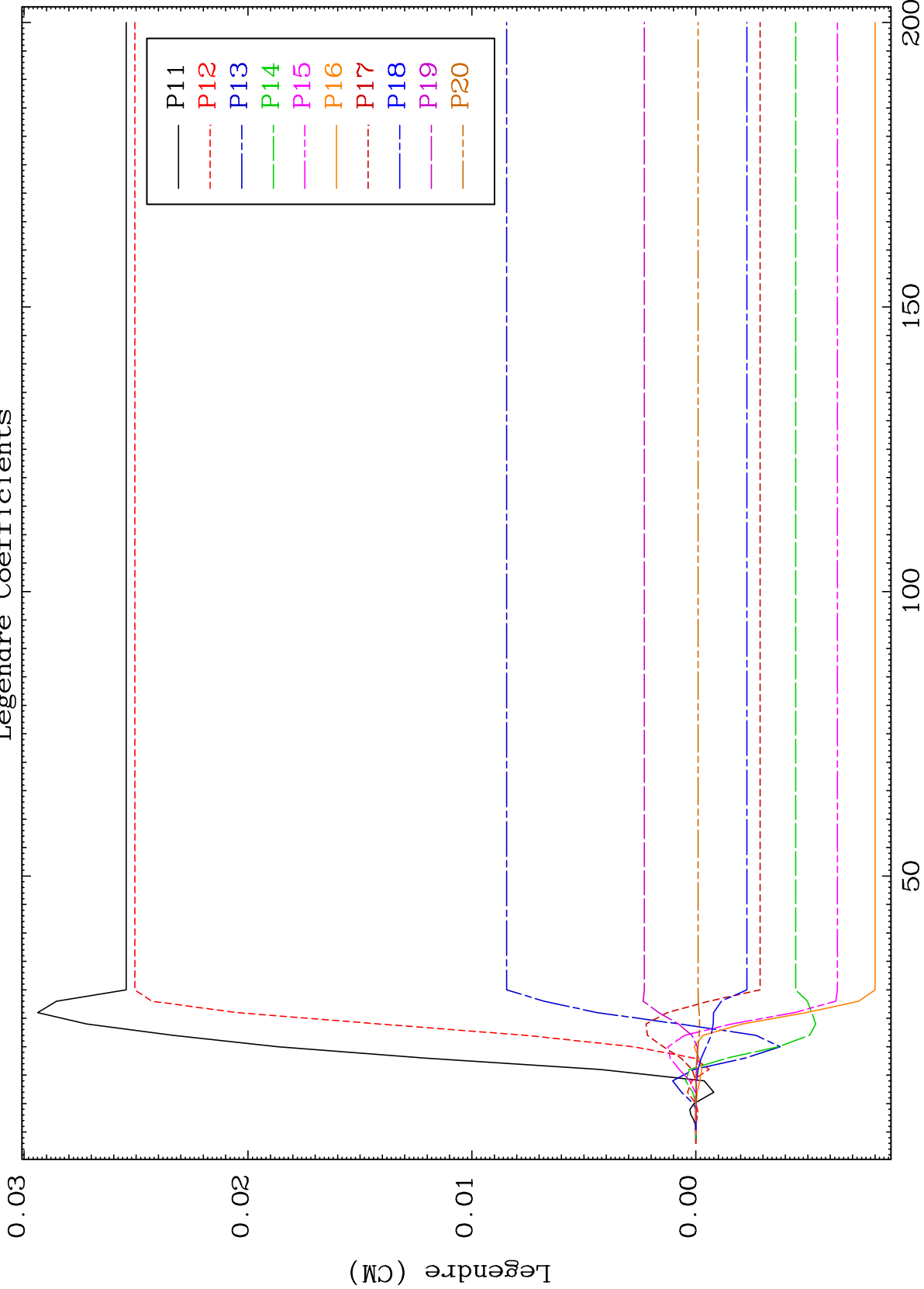
79-Au-201



MAT 7937

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

79-Au-201



89

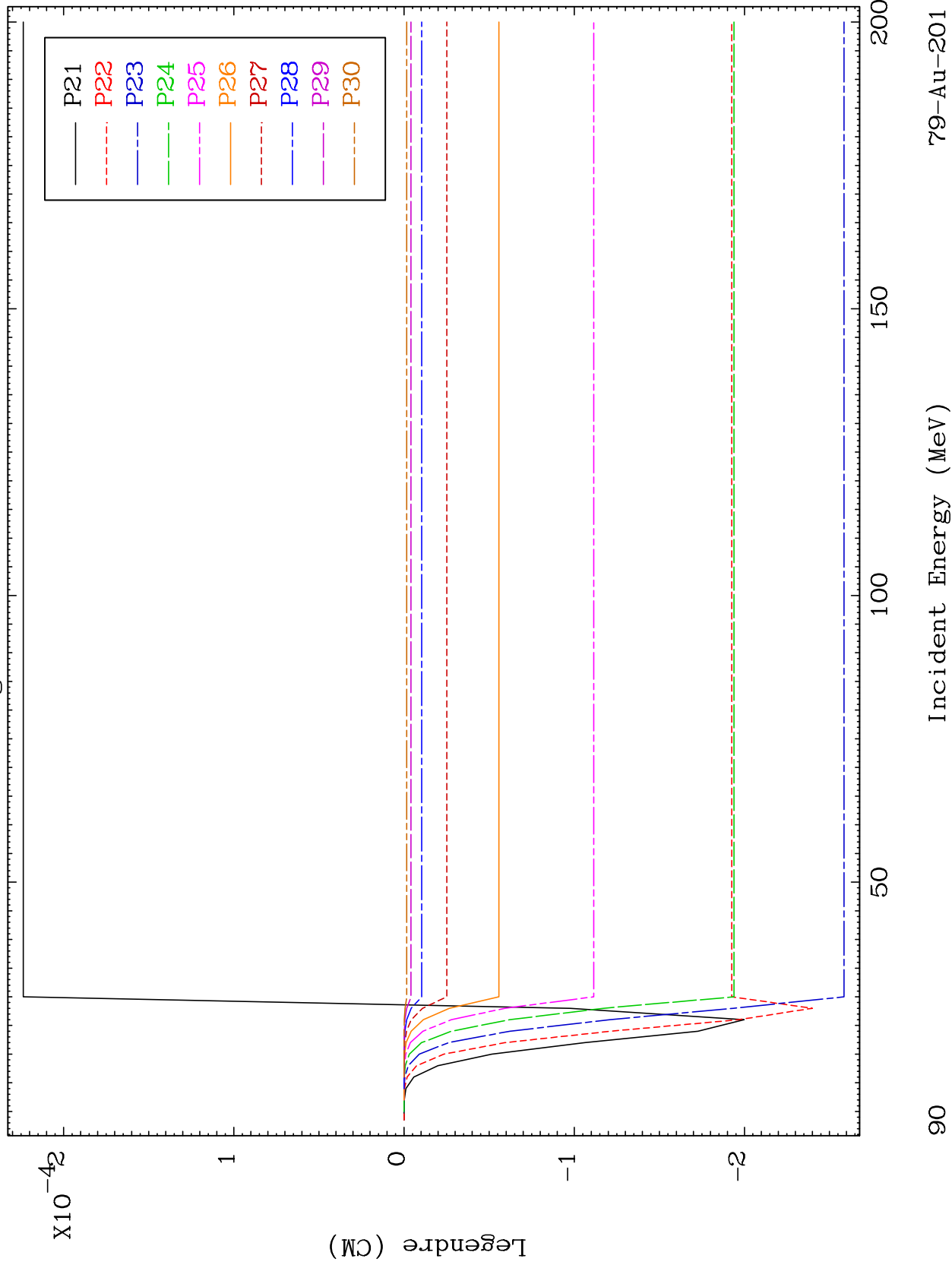
Incident Energy (MeV)

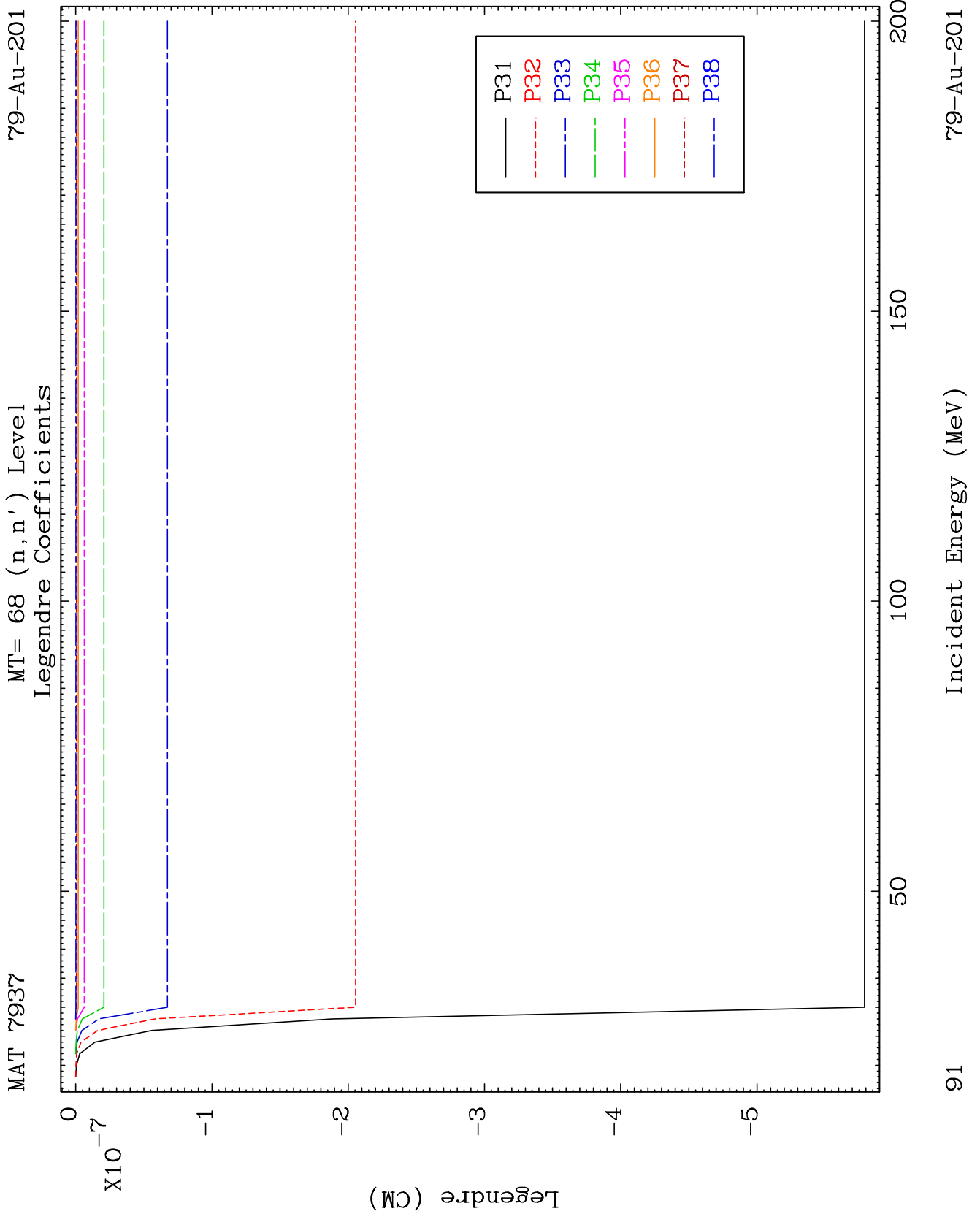
79-Au-201

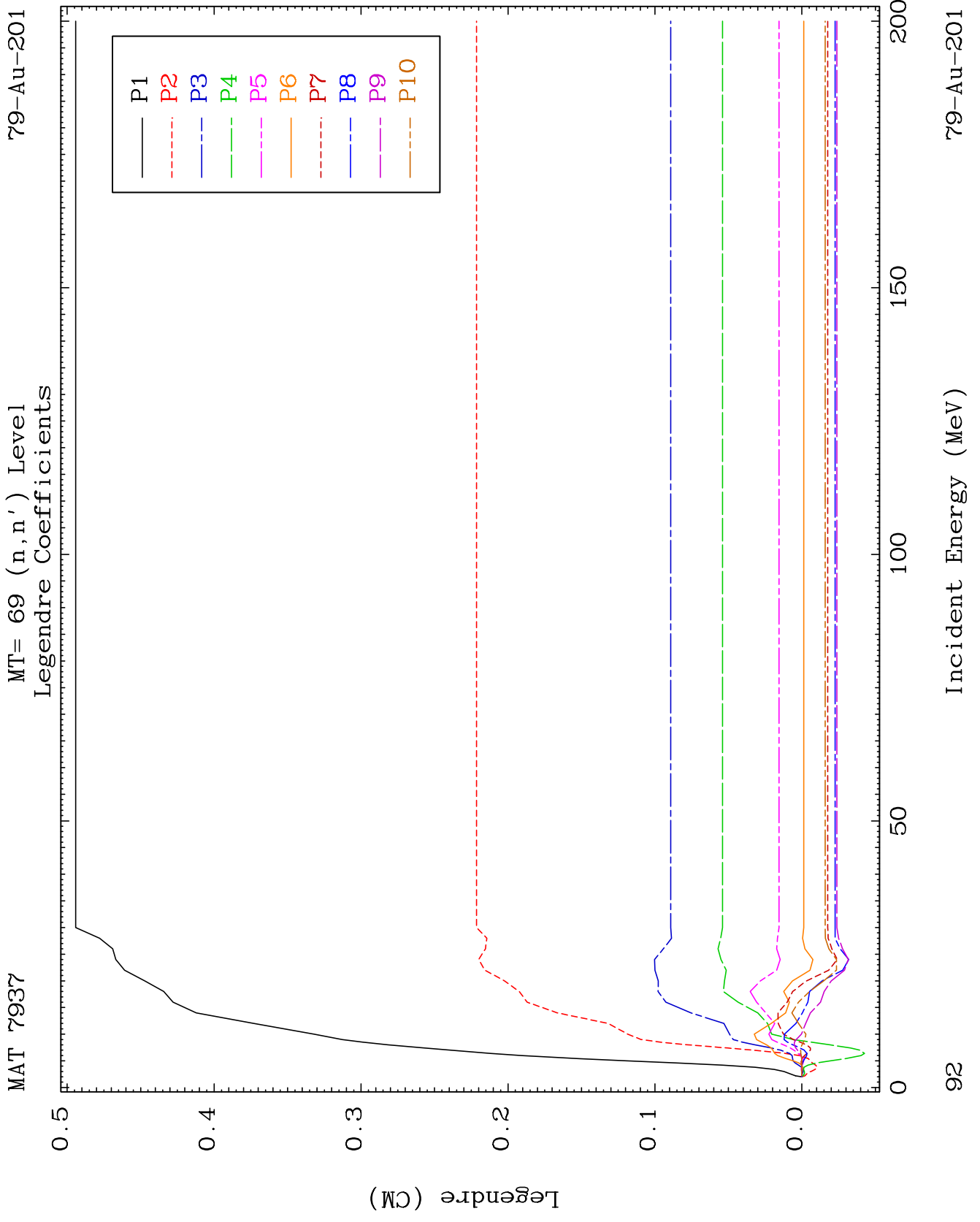
MAT 7937

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

79-Au-201



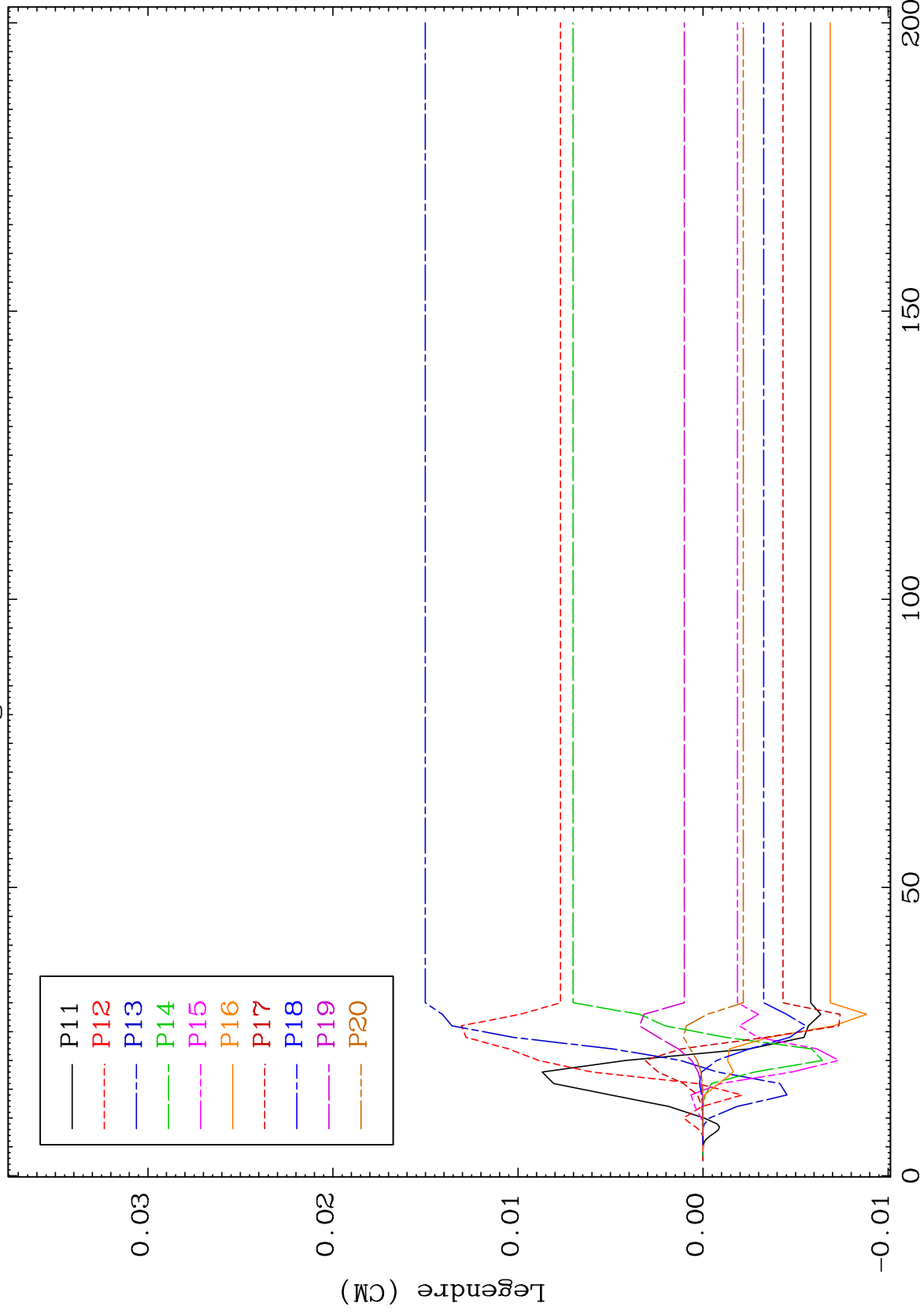




MAT 7937

79-Au-201

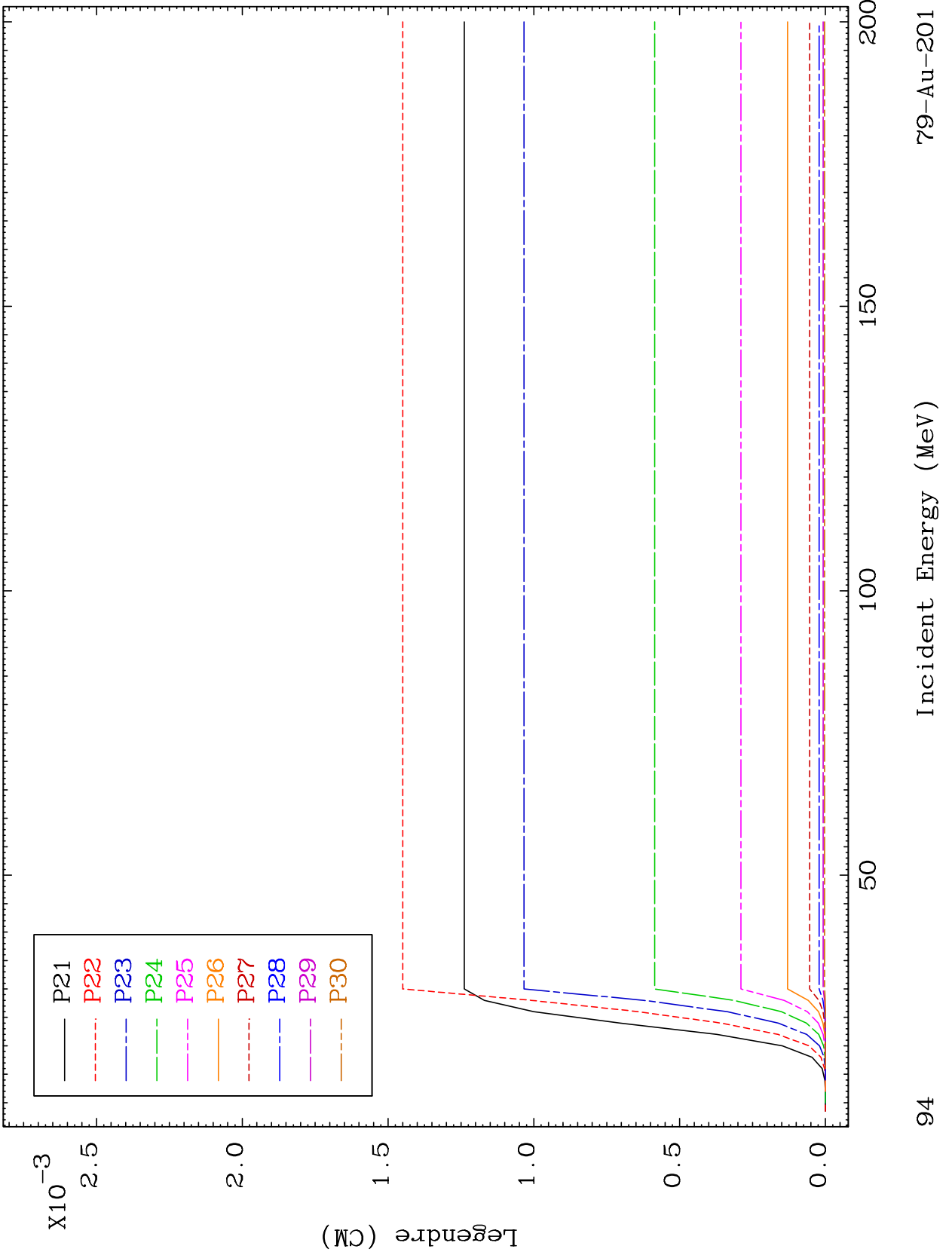
MT= 69 (n,n') Level
Legendre Coefficients



93

Incident Energy (MeV)

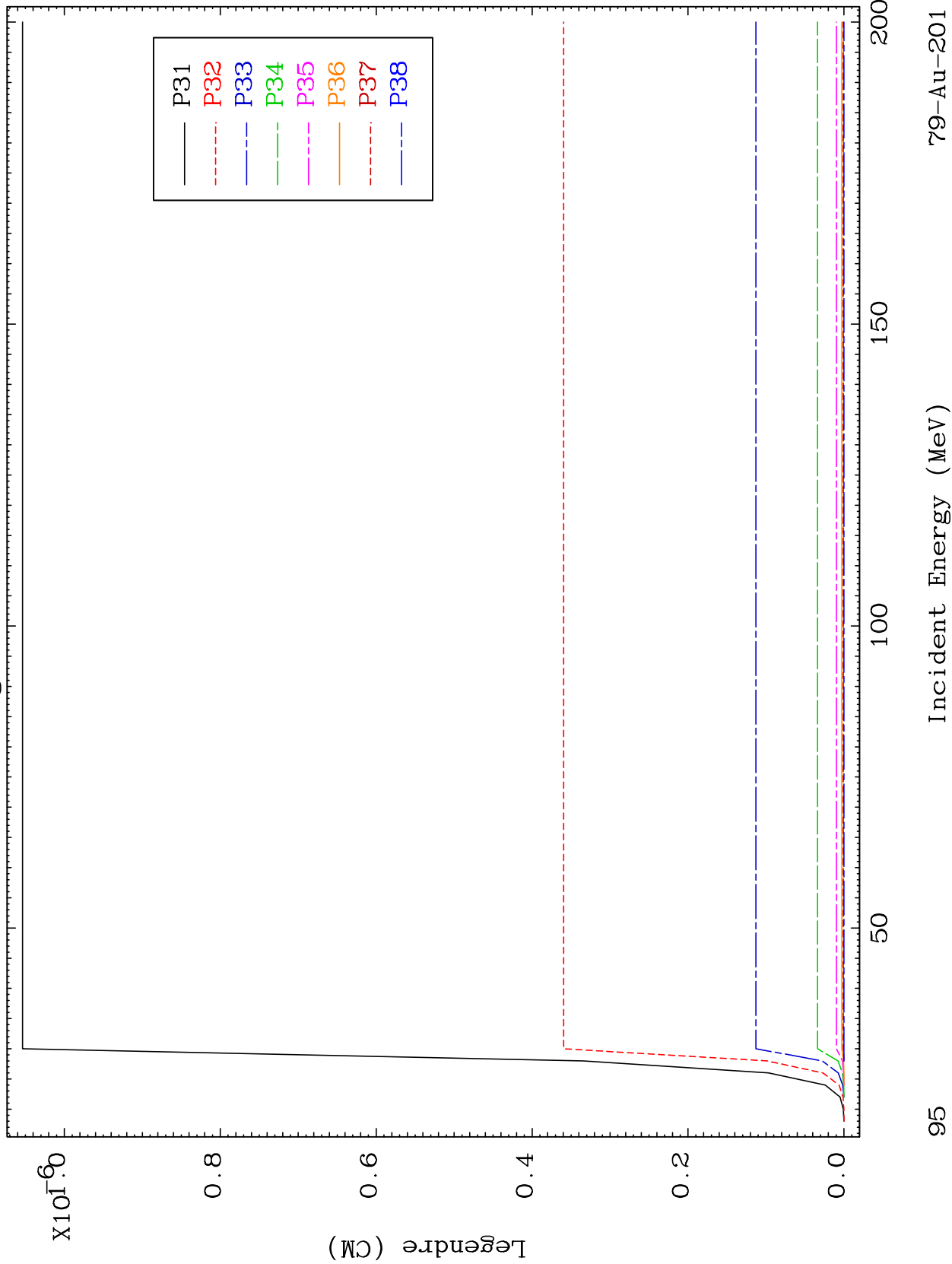
79-Au-201



MAT 7937

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

79-Au-201



95

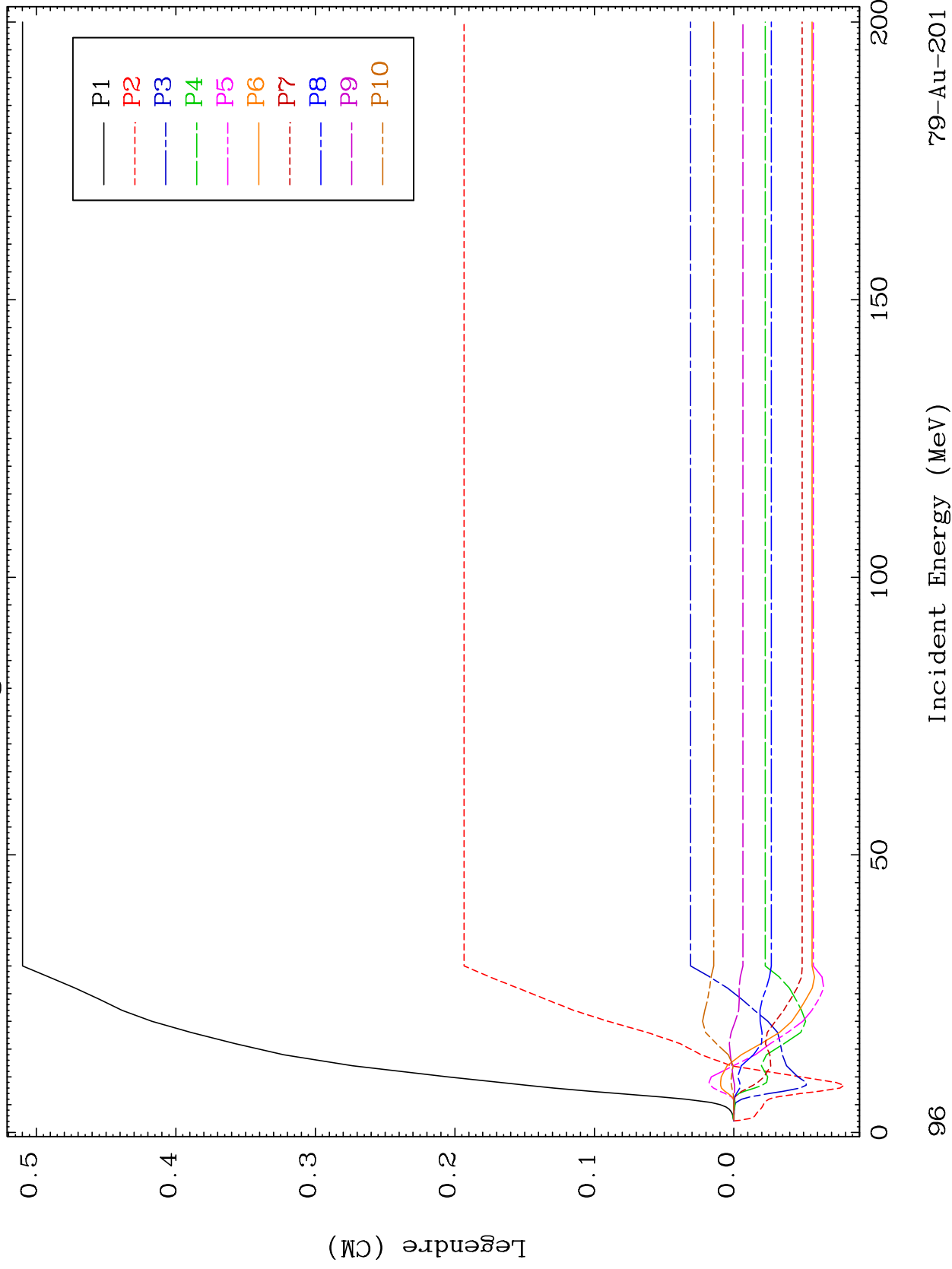
Incident Energy (MeV)

79-Au-201

MAT 7937

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

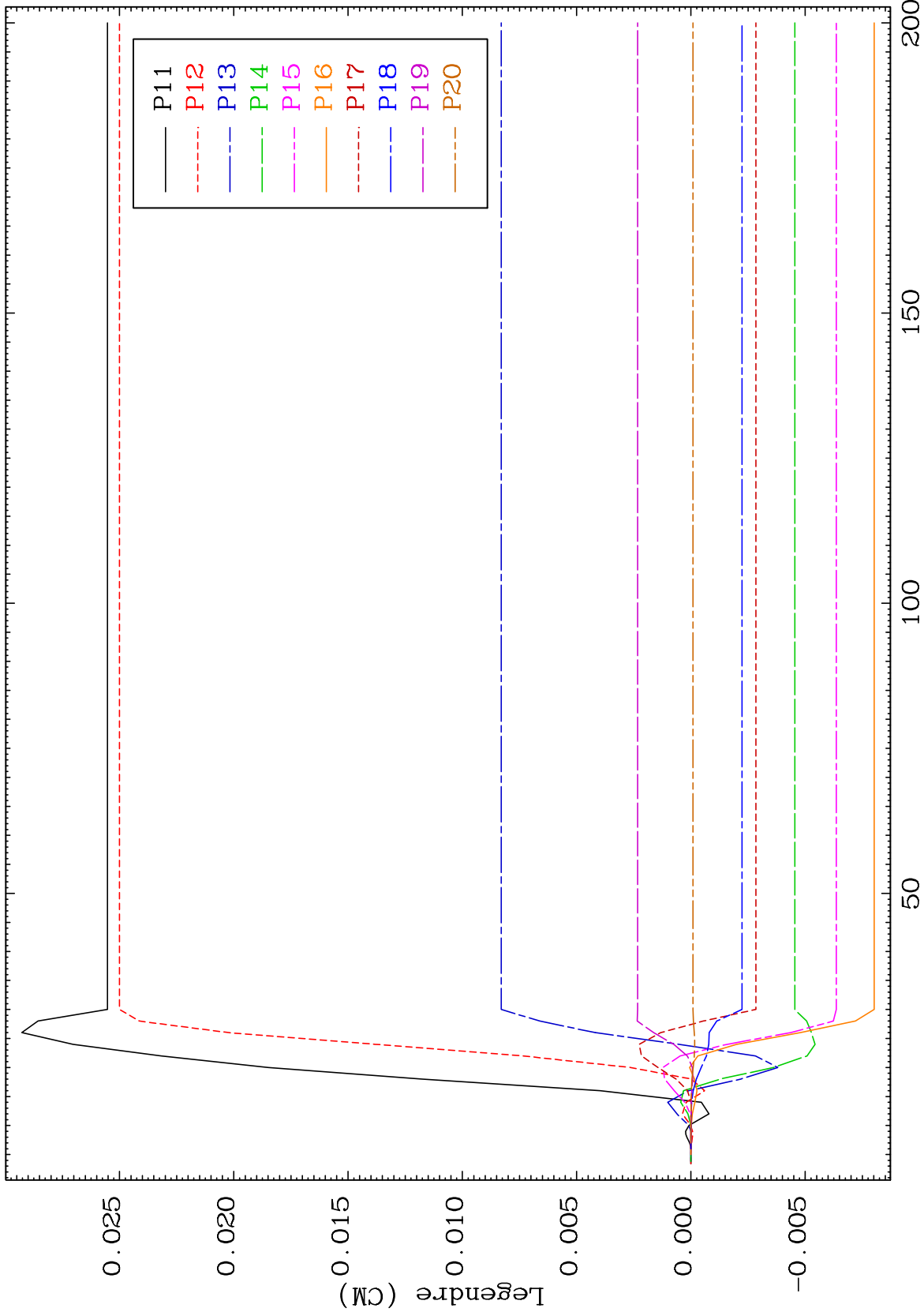
79-Au-201



96

Incident Energy (MeV)

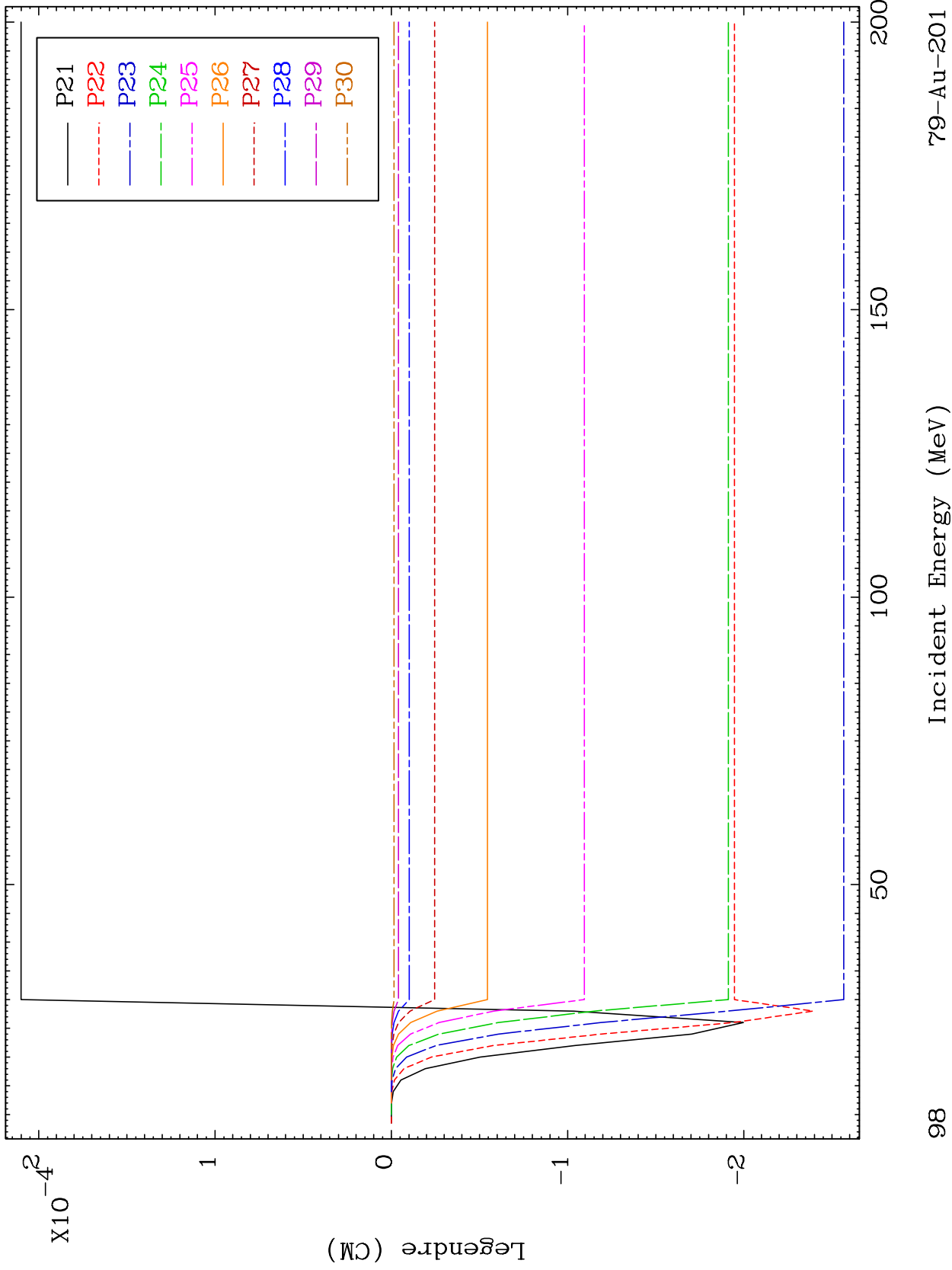
79-Au-201



MAT 7937

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

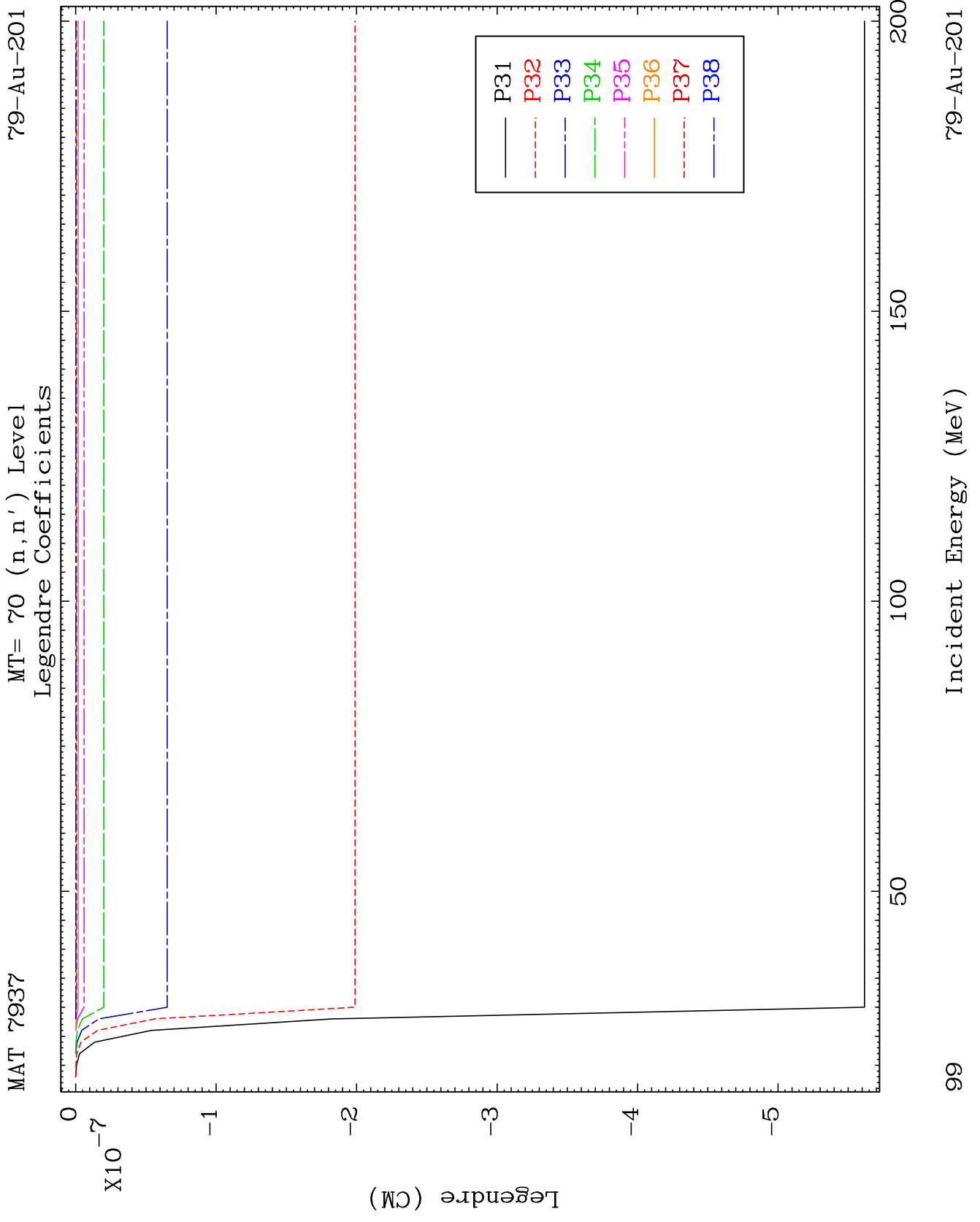
79-Au-201



98

Incident Energy (MeV)

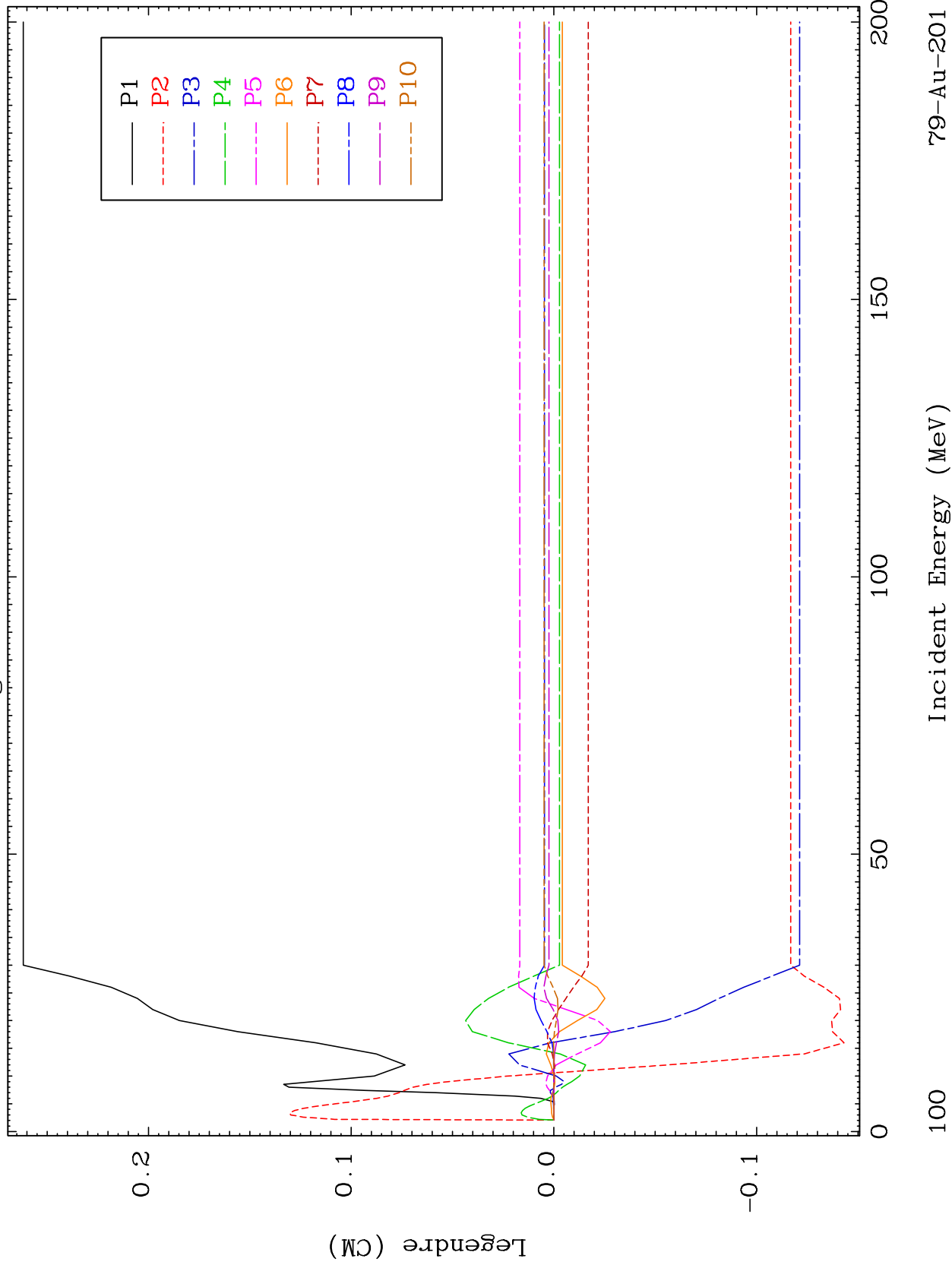
79-Au-201



MAT 7937

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

79-Au-201



79-Au-201

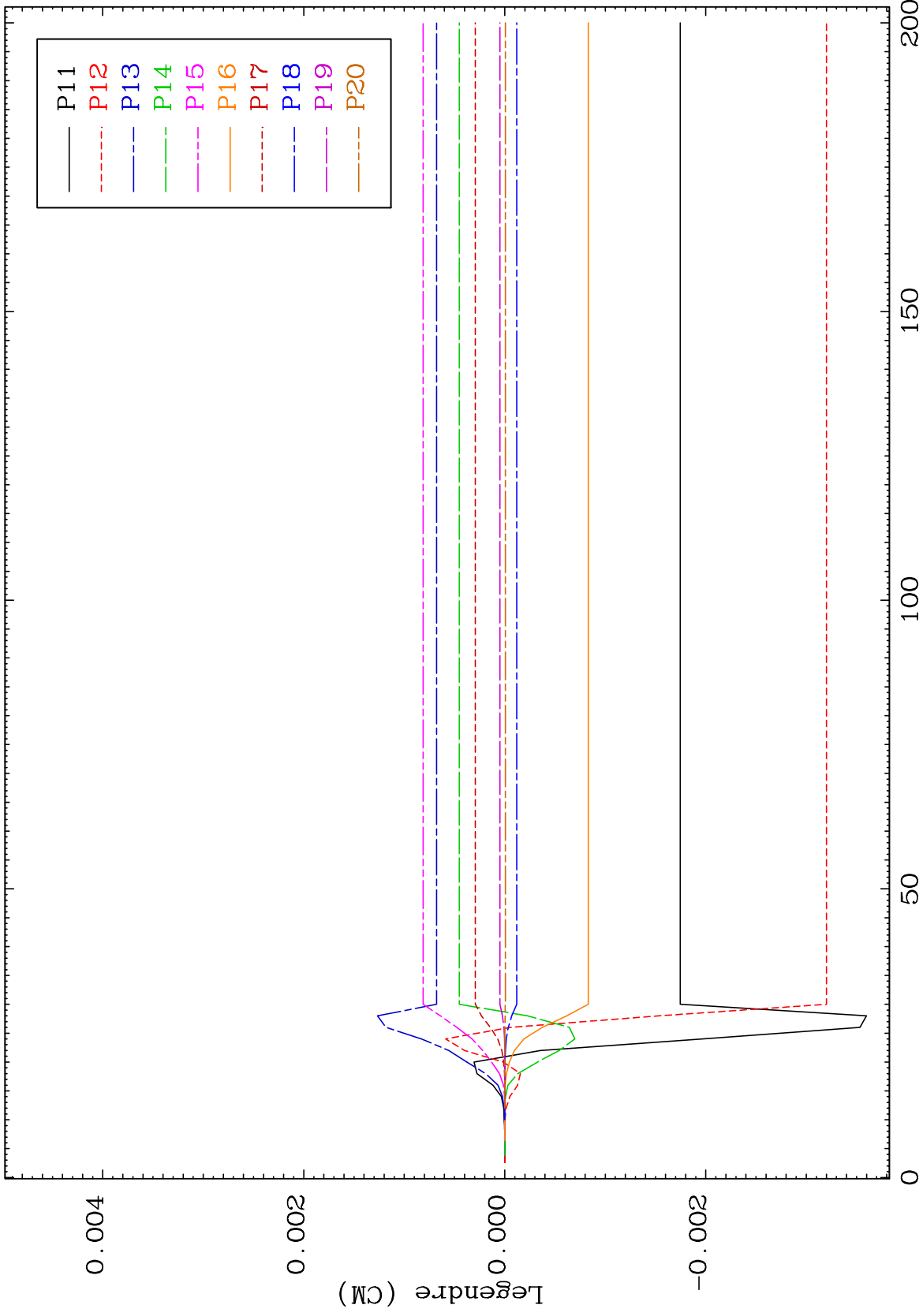
Incident Energy (MeV)

Legendre (CM)

MAT 7937

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

79-Au-201



101

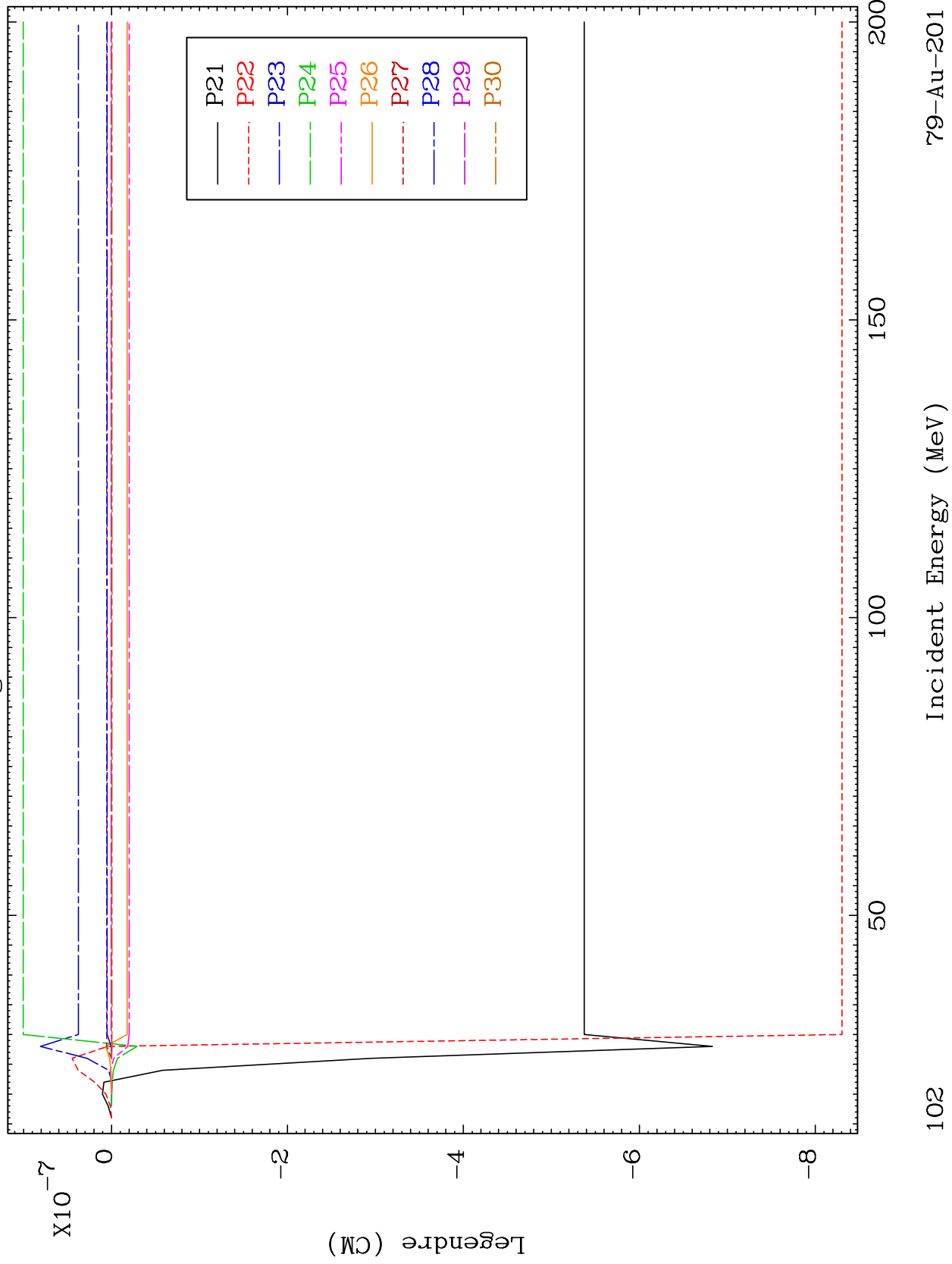
Incident Energy (MeV)

79-Au-201

MAT 7937

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

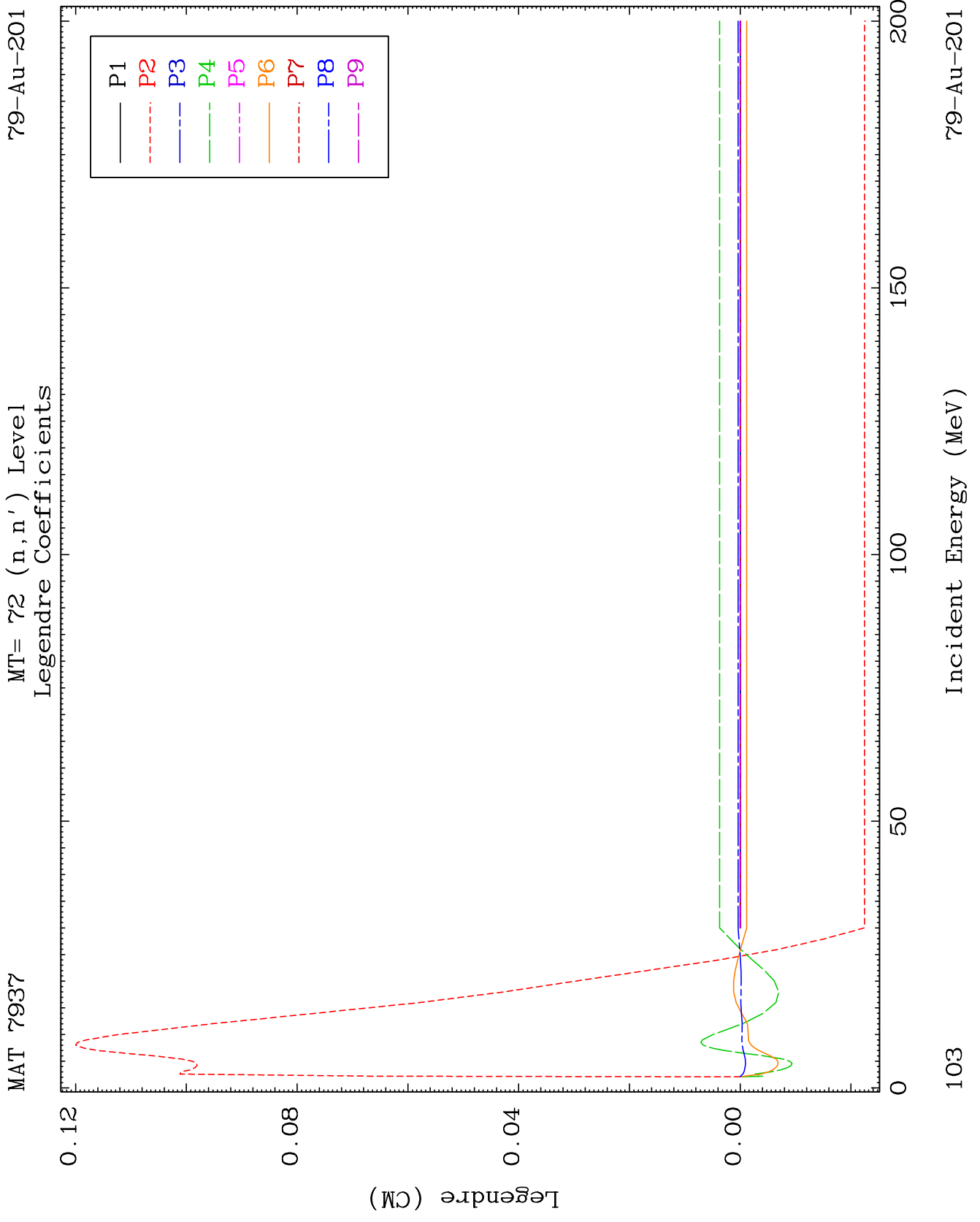
79-Au-201



102

Incident Energy (MeV)

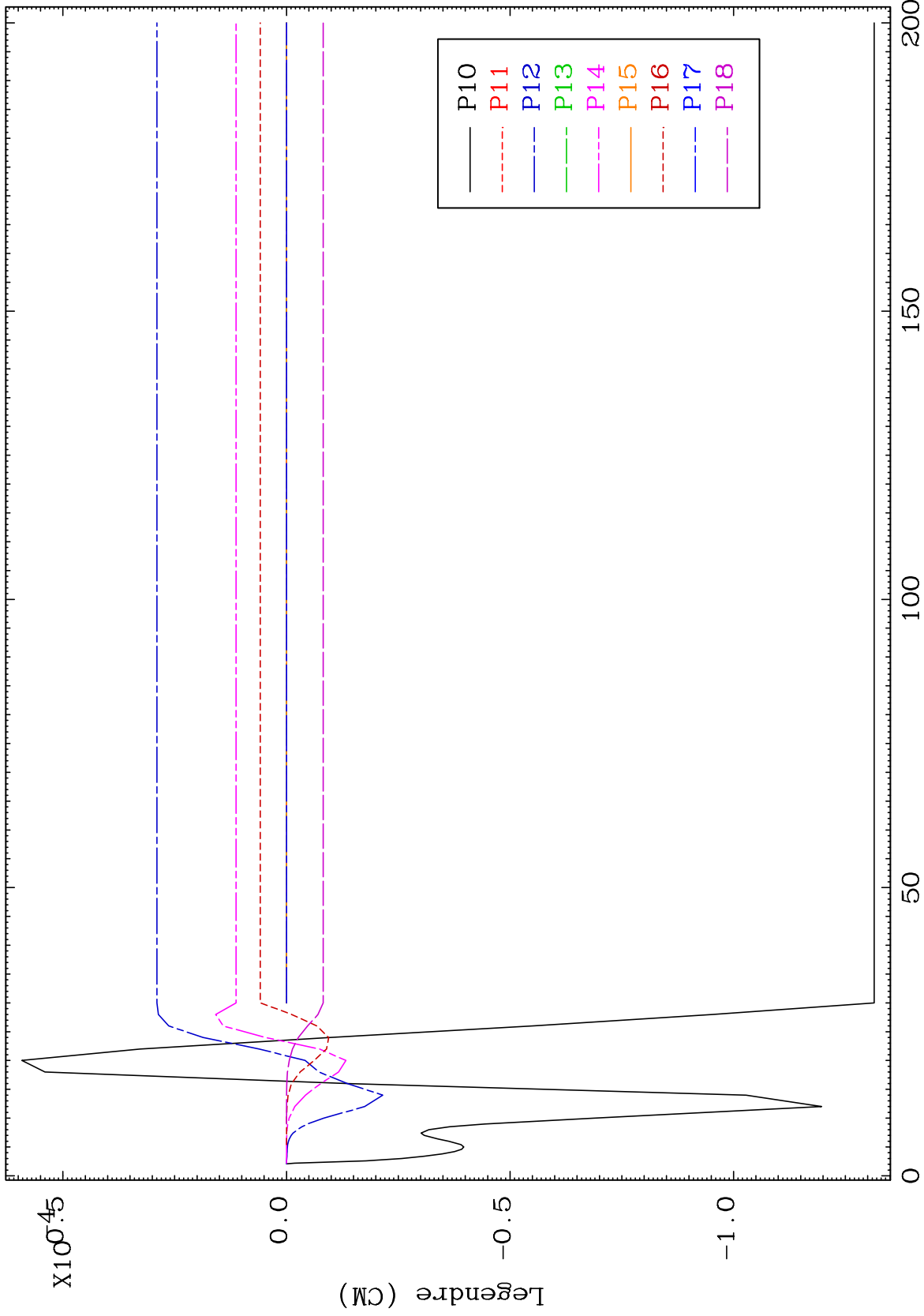
79-Au-201



MAT 7937

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

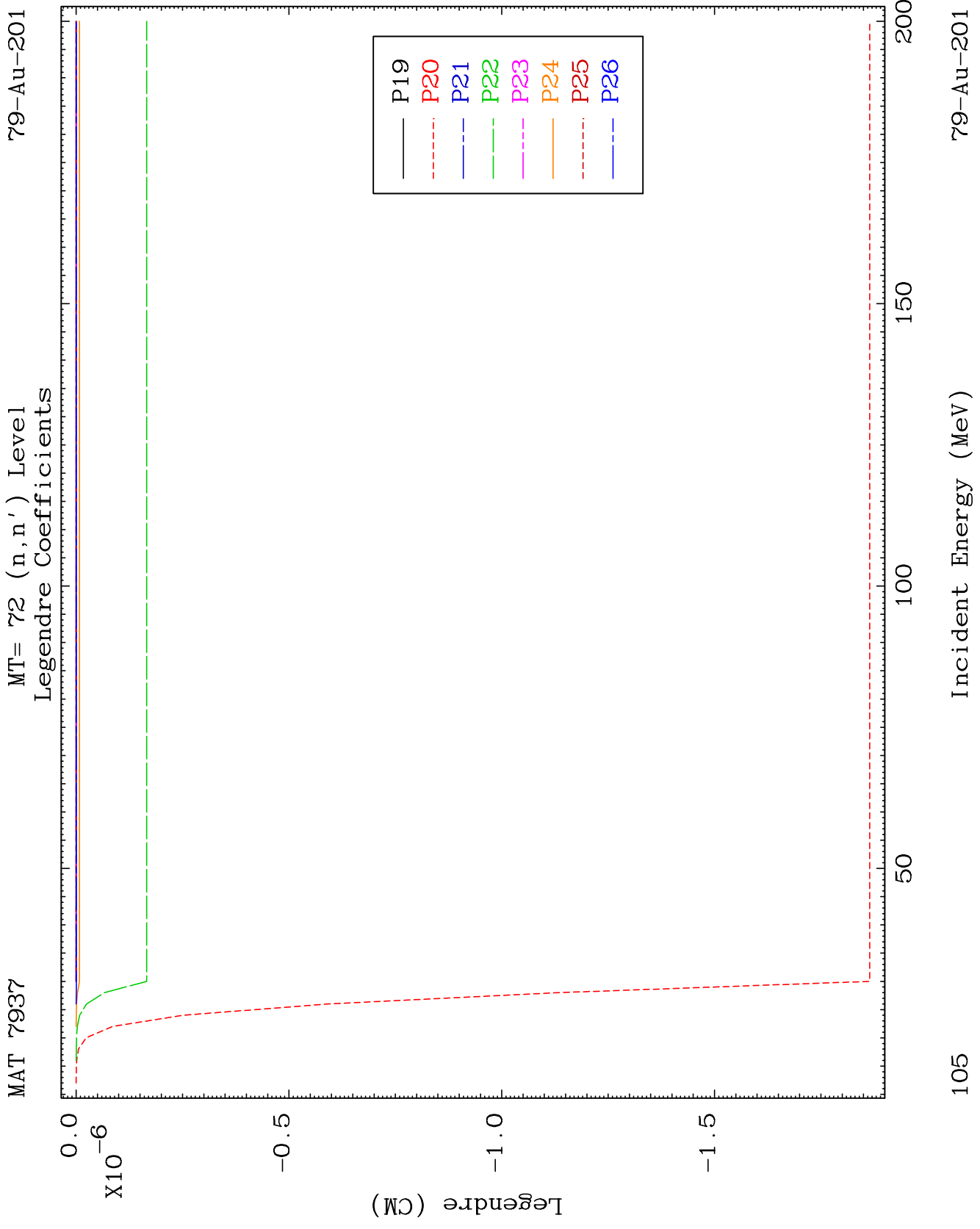
79-Au-201



104

Incident Energy (MeV)

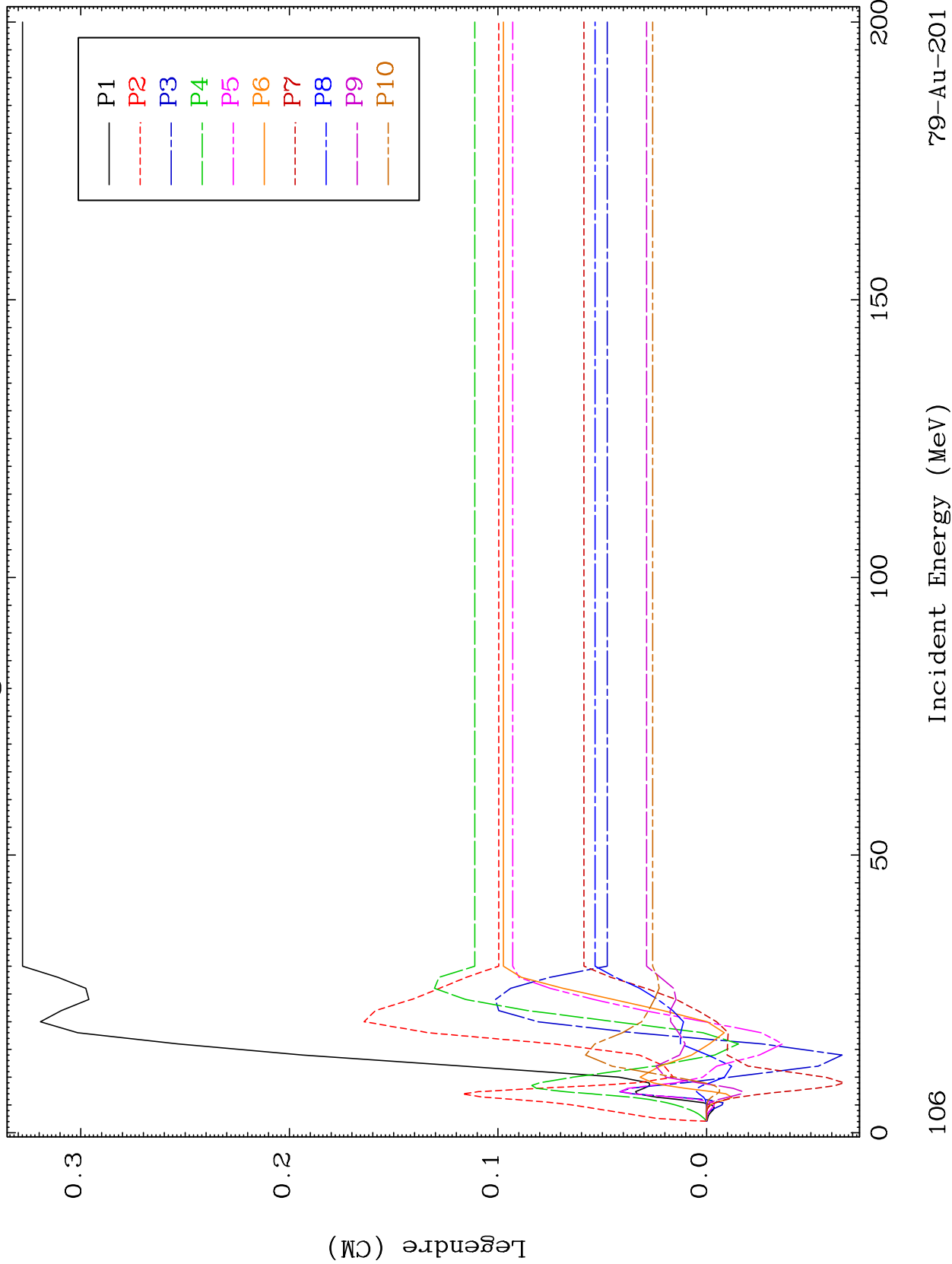
79-Au-201



MAT 7937

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

79-Au-201



79-Au-201

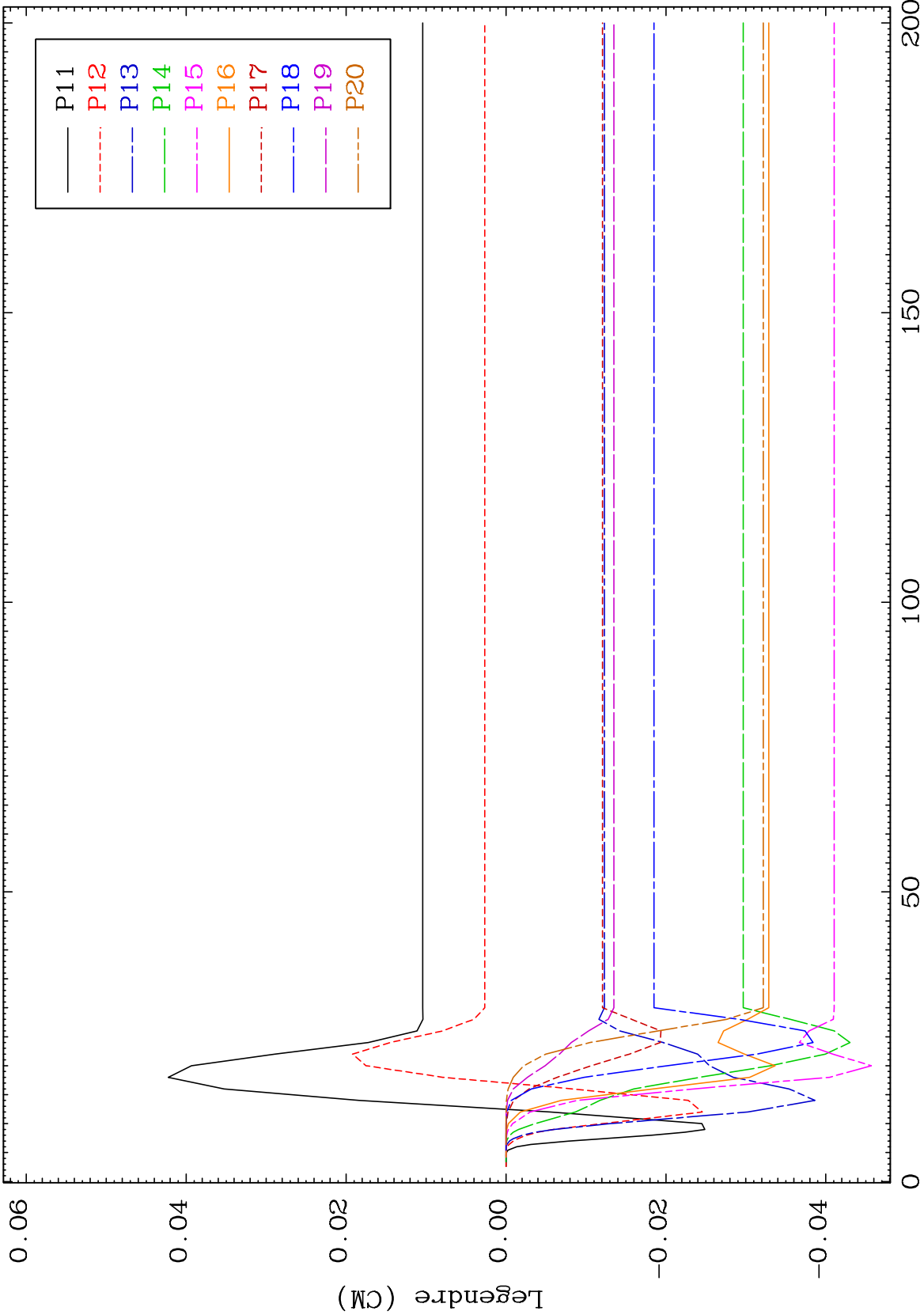
Incident Energy (MeV)

106

MAT 7937

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

79-Au-201



107

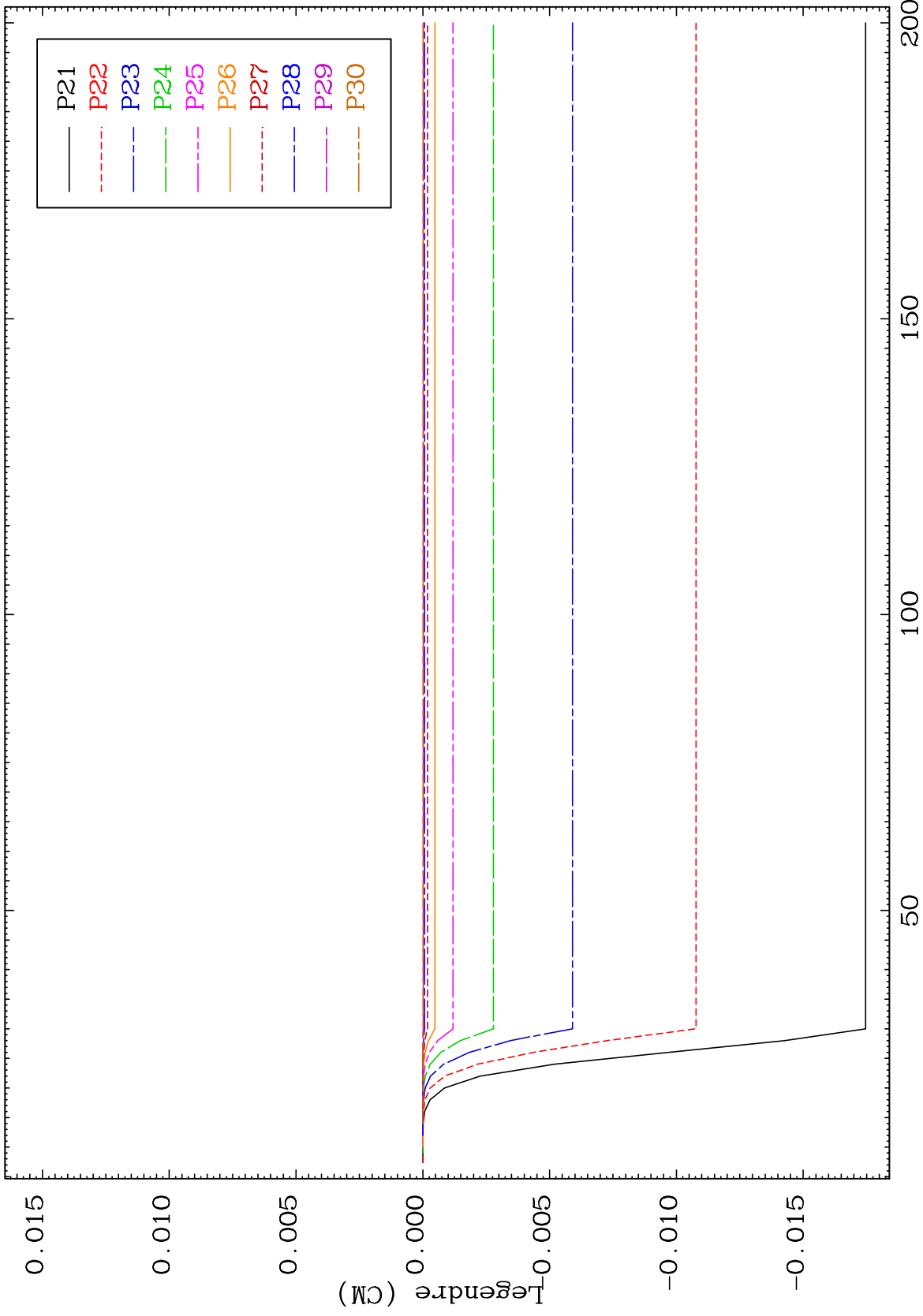
Incident Energy (MeV)

79-Au-201

MAT 7937

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

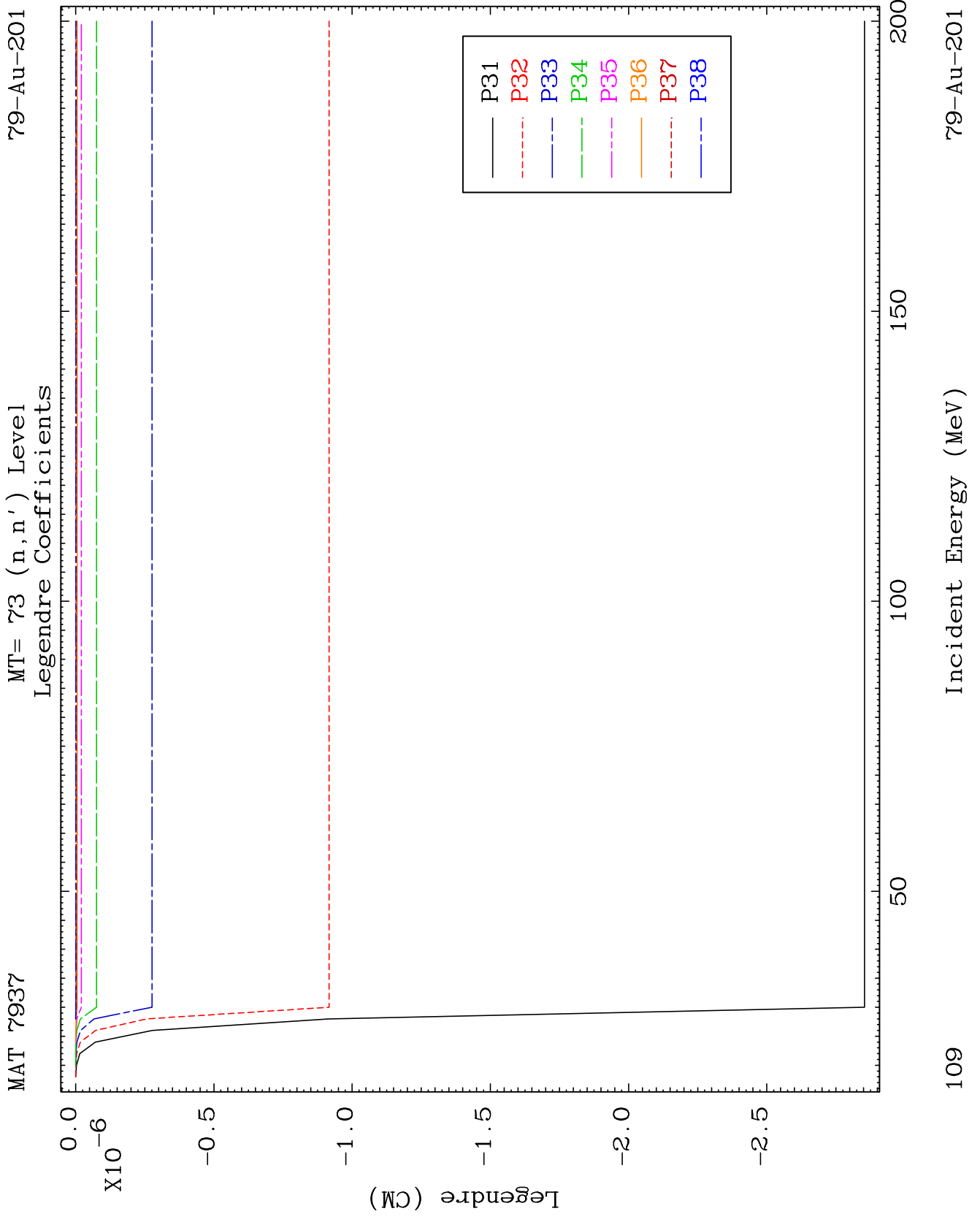
79-Au-201



108

Incident Energy (MeV)

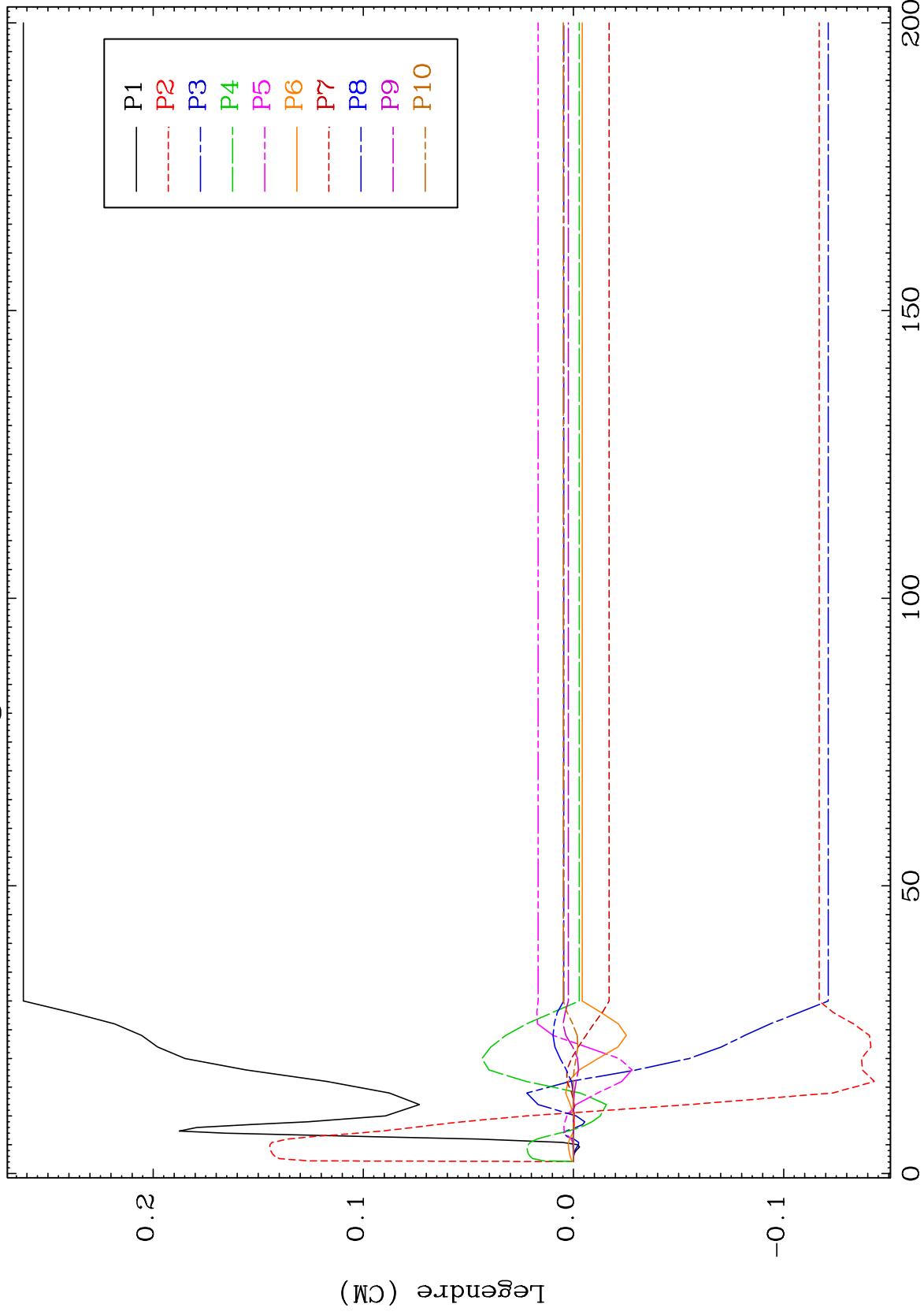
79-Au-201



MAT 7937

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

79-Au-201



110

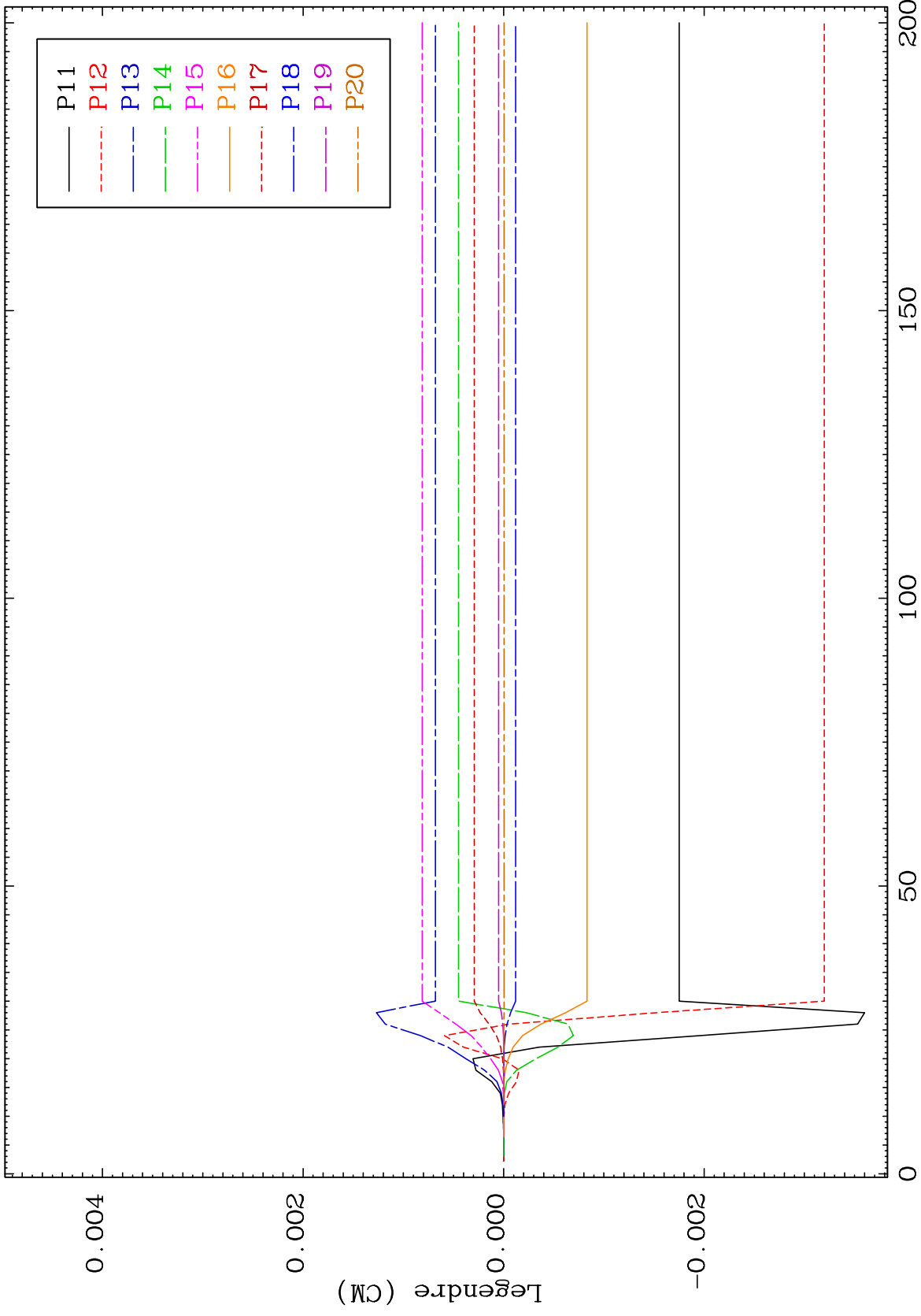
Incident Energy (MeV)

79-Au-201

MAT 7937

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

79-Au-201



111

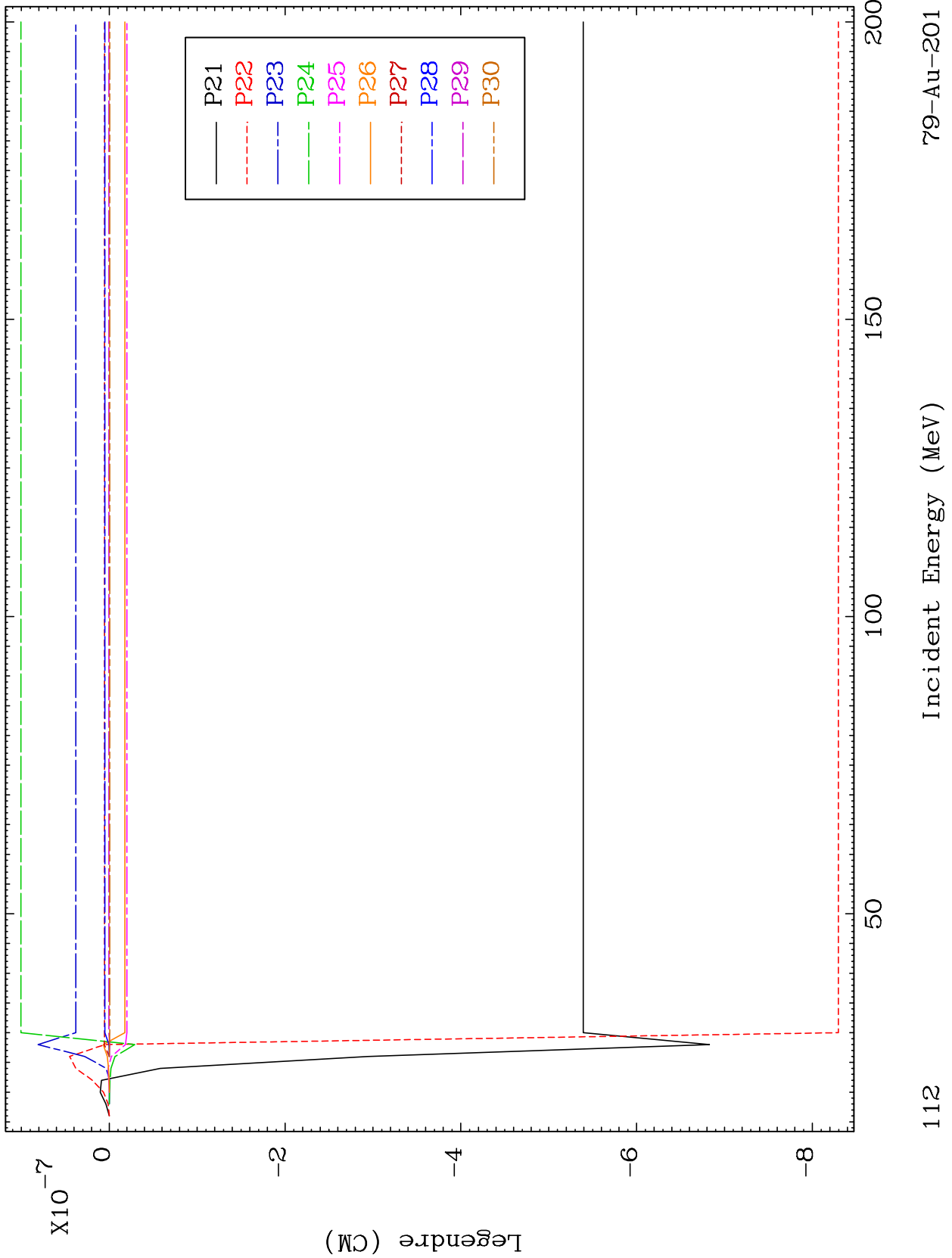
Incident Energy (MeV)

79-Au-201

MAT 7937

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

79-Au-201



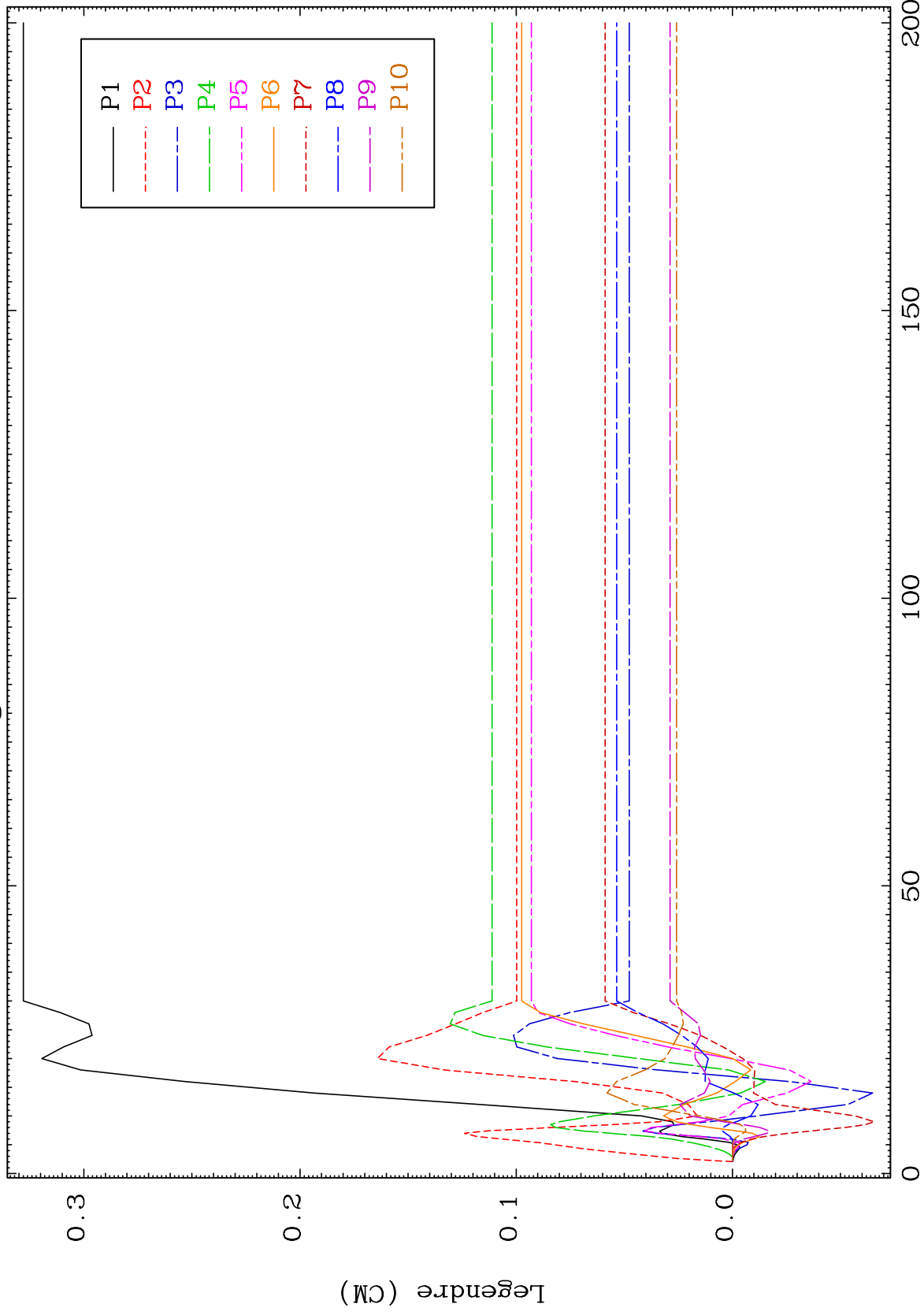
112

79-Au-201

MAT 7937

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

79-Au-201



113

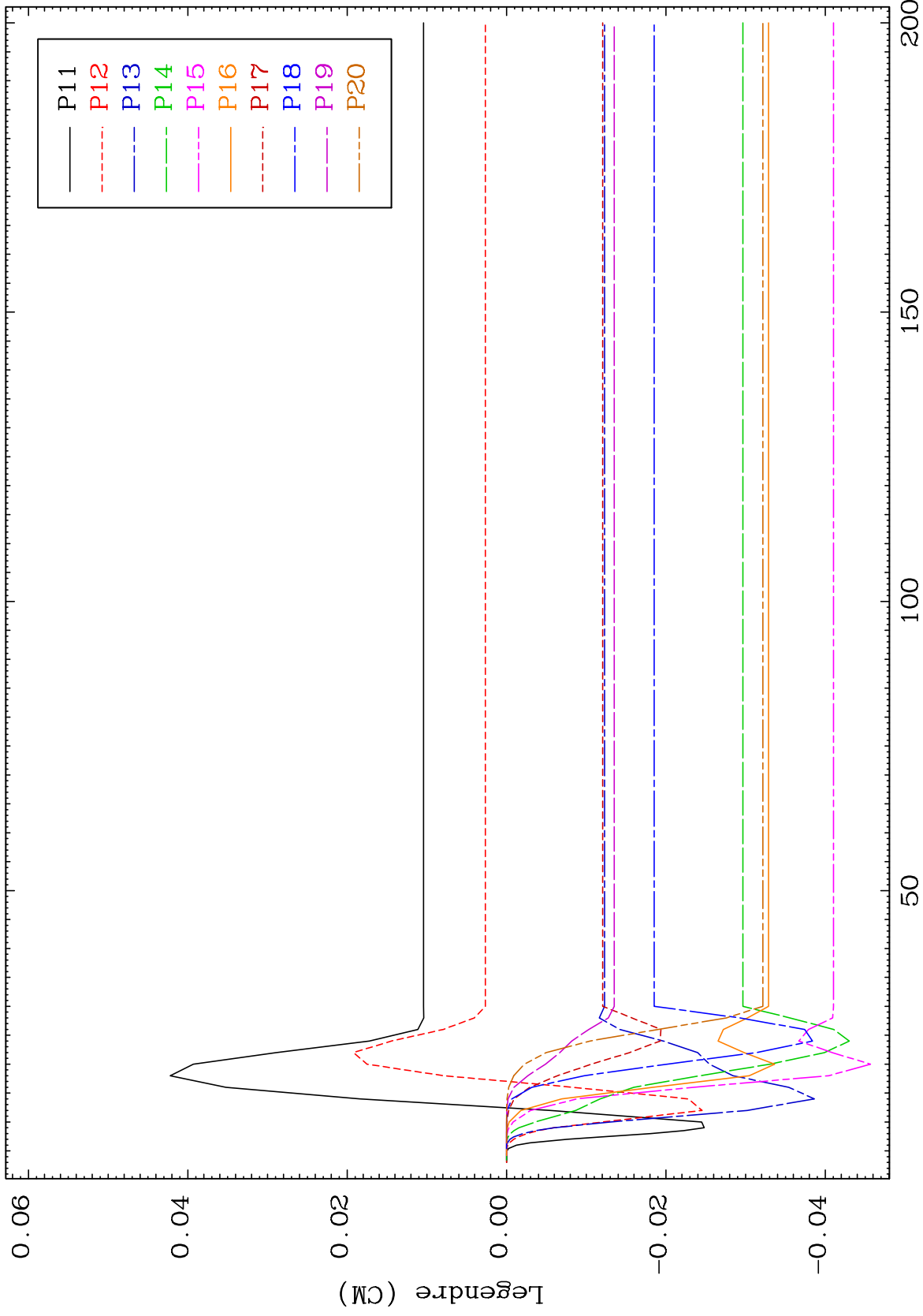
Incident Energy (MeV)

79-Au-201

MAT 7937

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

79-Au-201



114

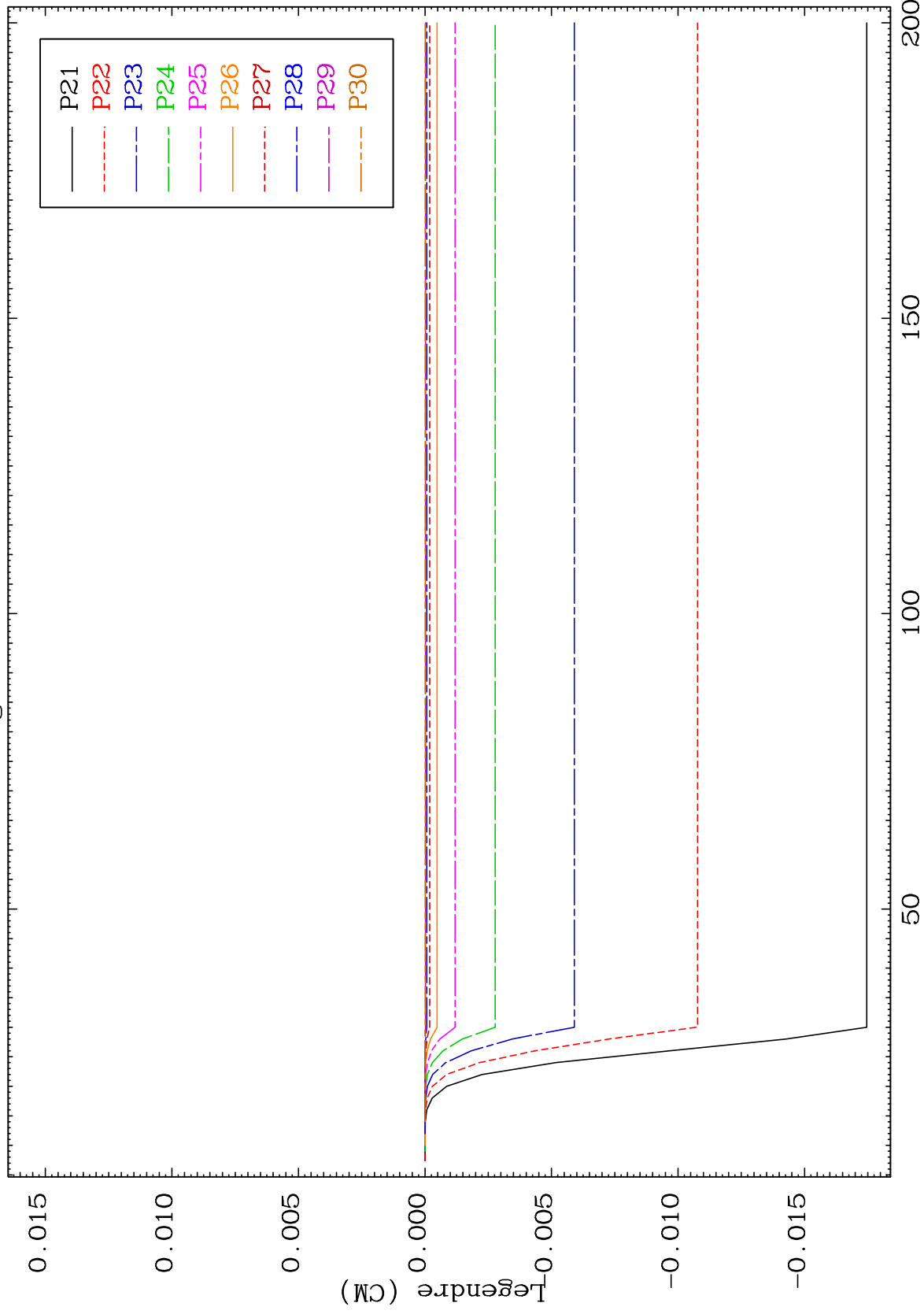
Incident Energy (MeV)

79-Au-201

MAT 7937

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

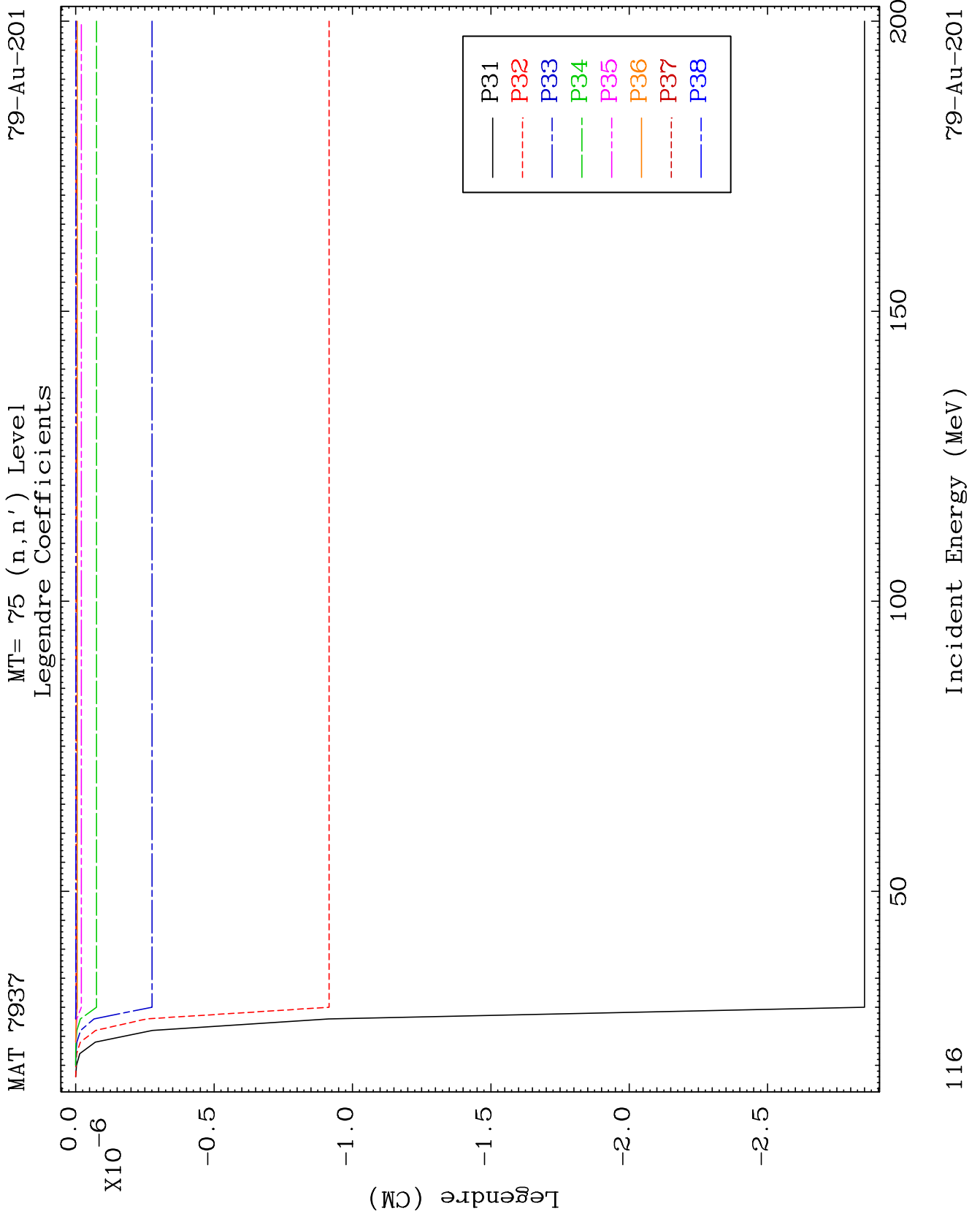
79-Au-201



115

Incident Energy (MeV)

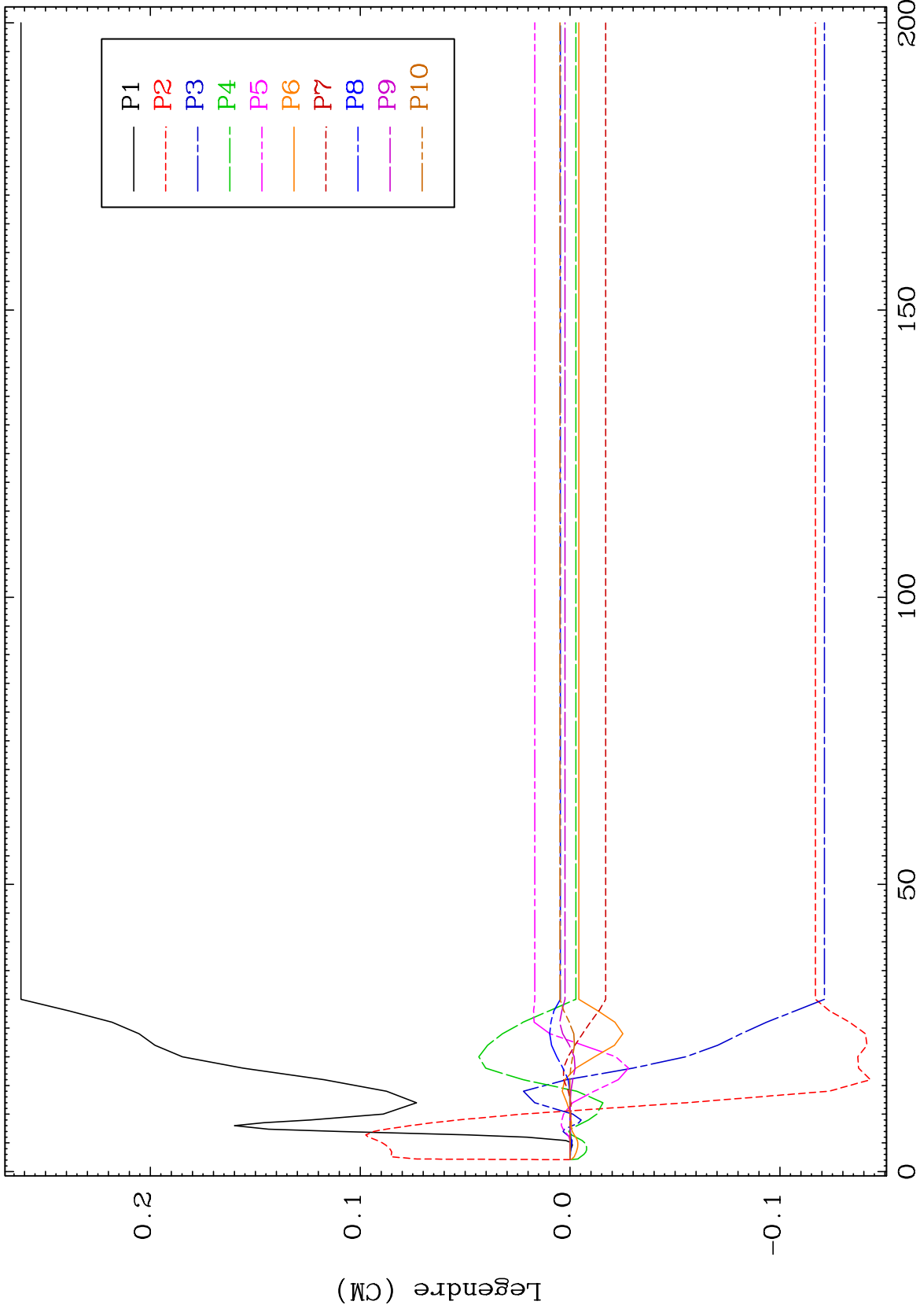
79-Au-201



MAT 7937

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

79-Au-201



117

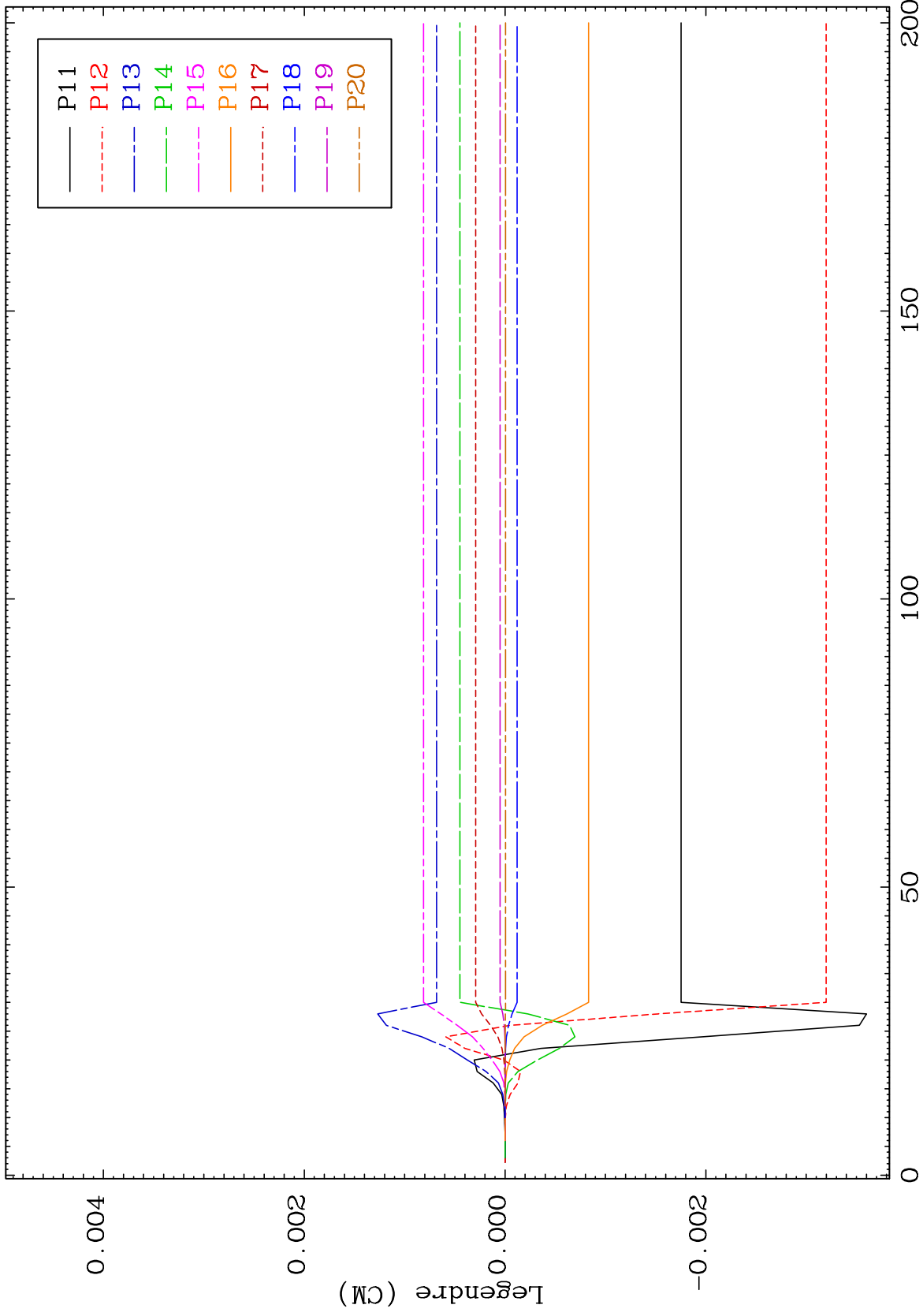
Incident Energy (MeV)

79-Au-201

MAT 7937

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

79-Au-201



118

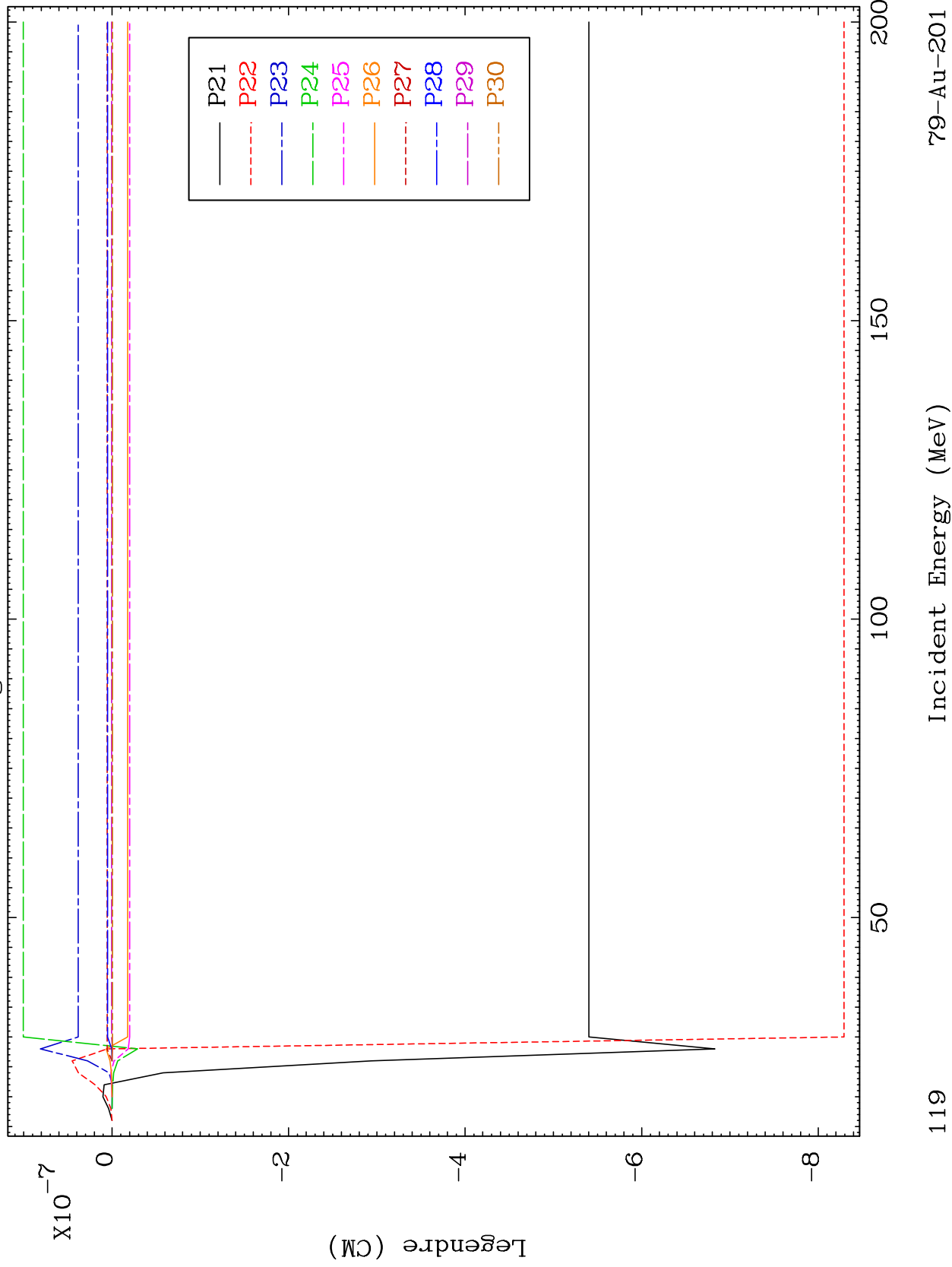
Incident Energy (MeV)

79-Au-201

MAT 7937

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

79-Au-201



119

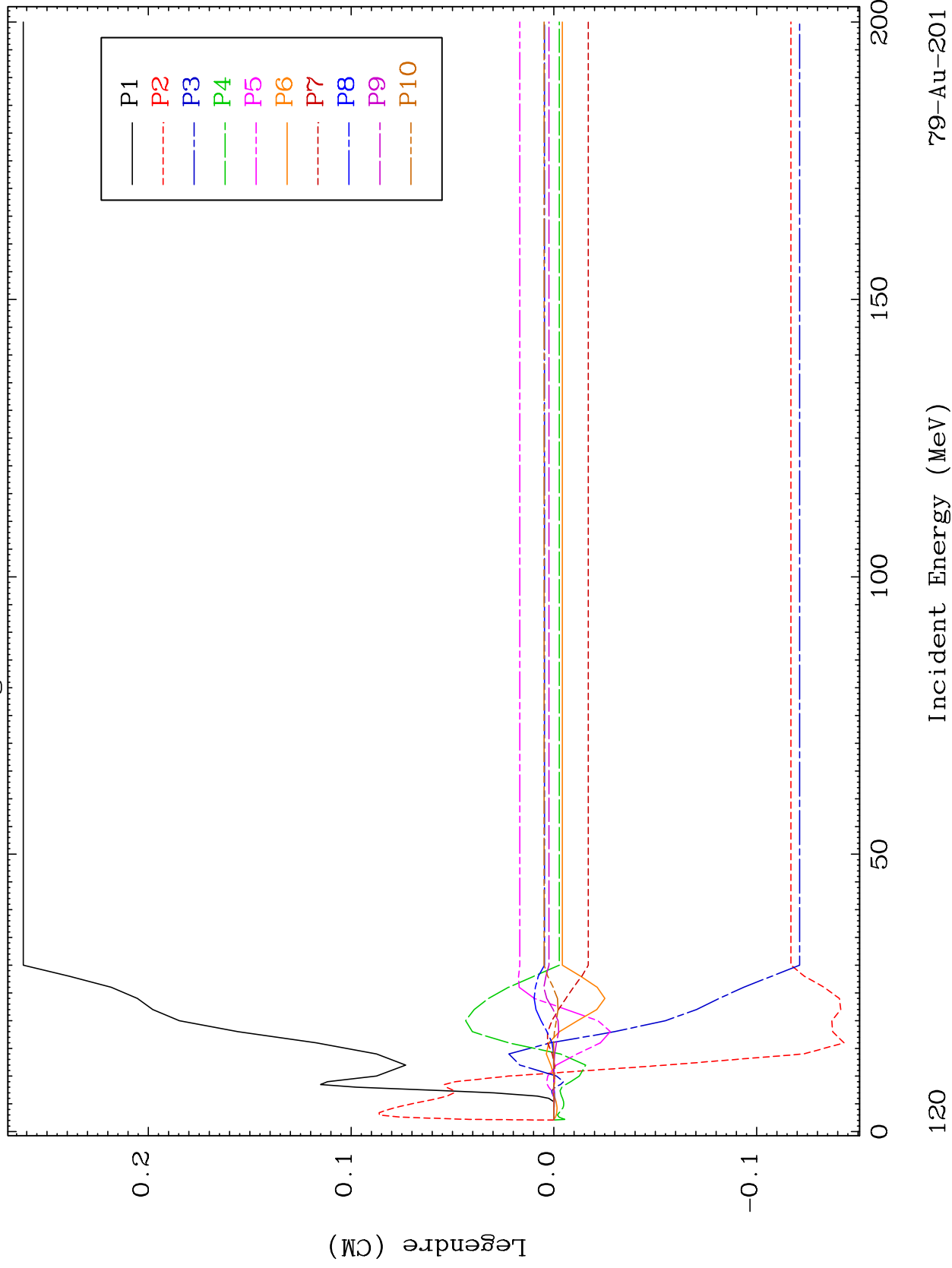
Incident Energy (MeV)

79-Au-201

MAT 7937

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

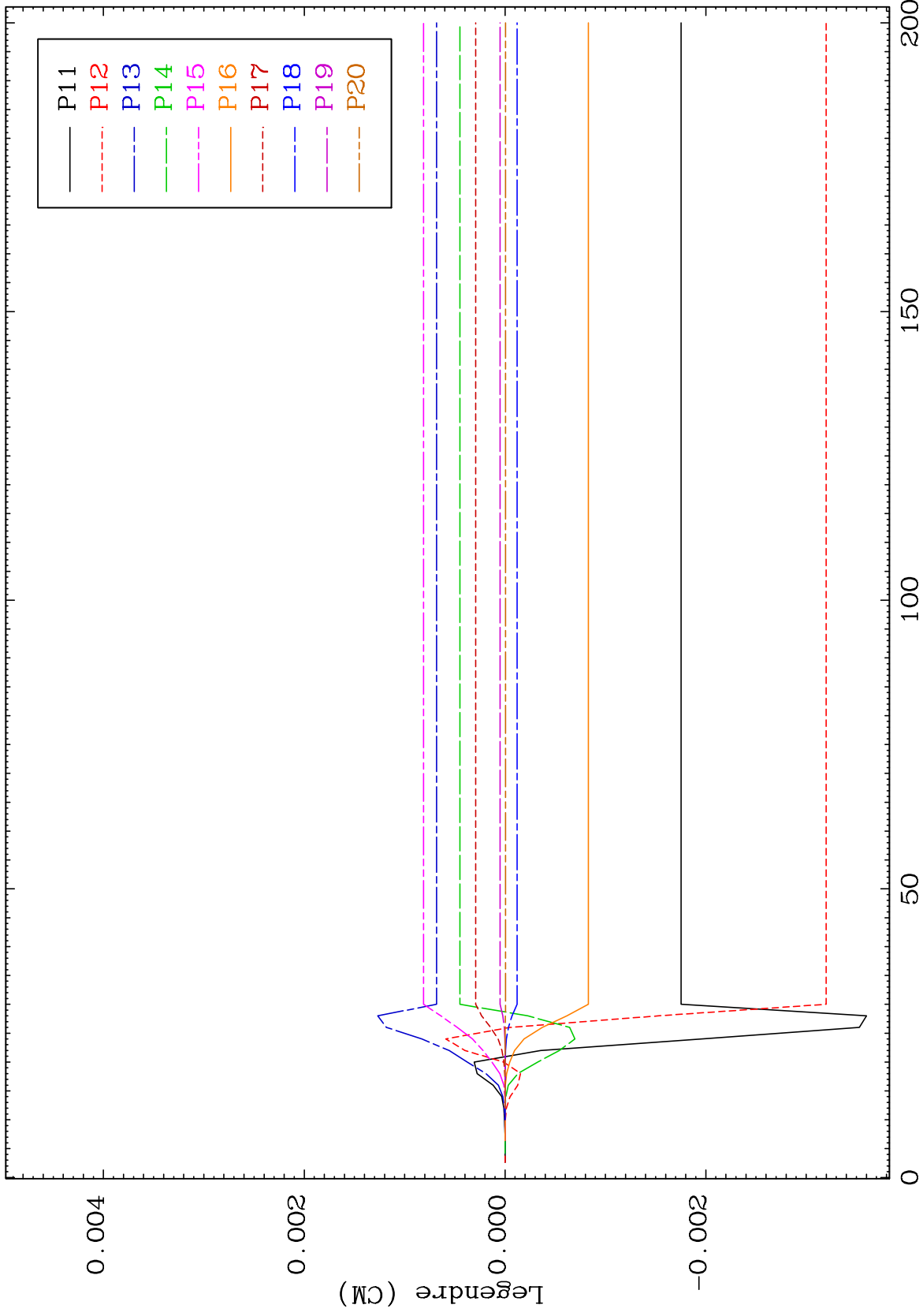
79-Au-201



MAT 7937

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

79-Au-201



121

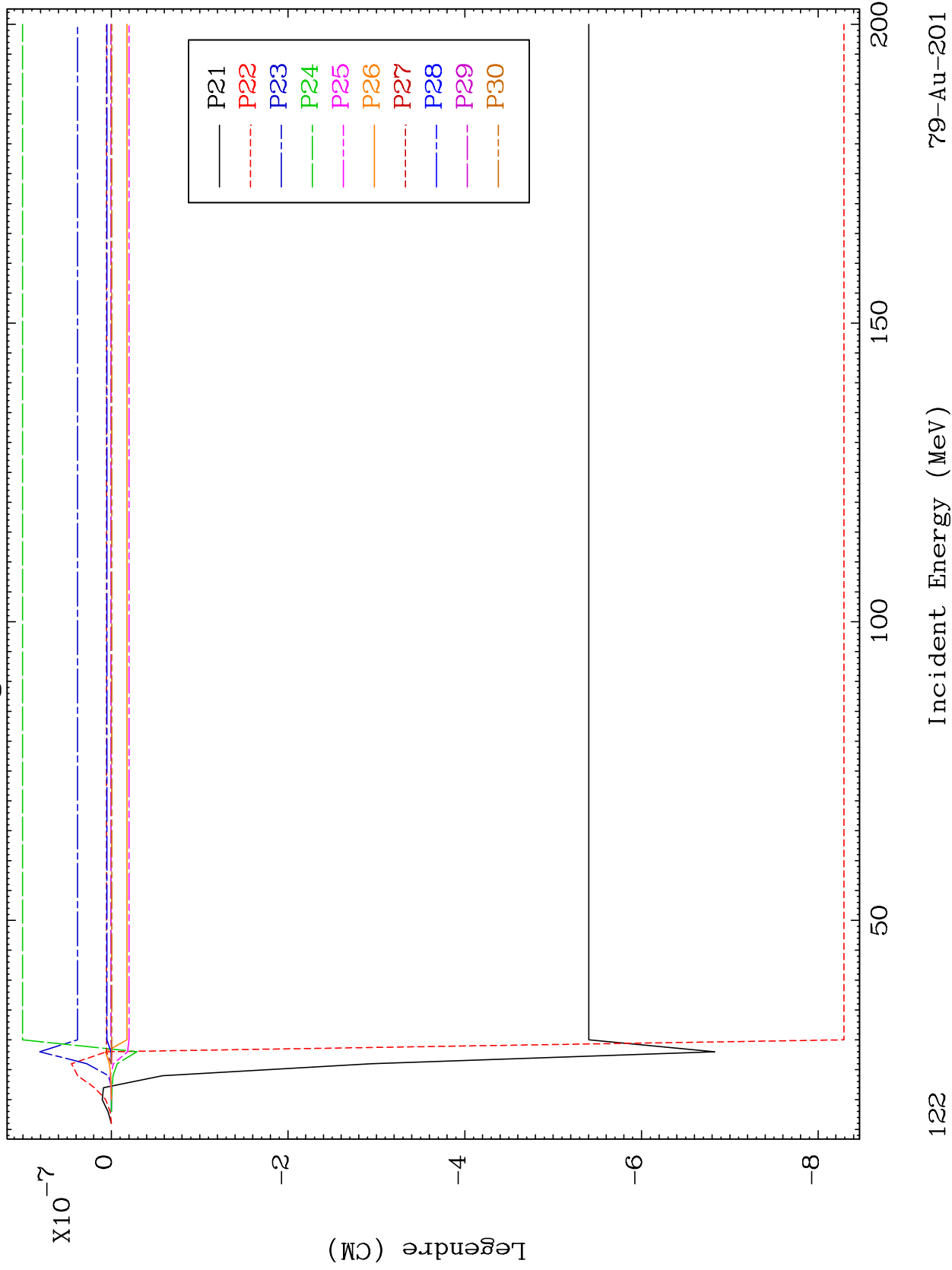
Incident Energy (MeV)

79-Au-201

MAT 7937

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

79-Au-201



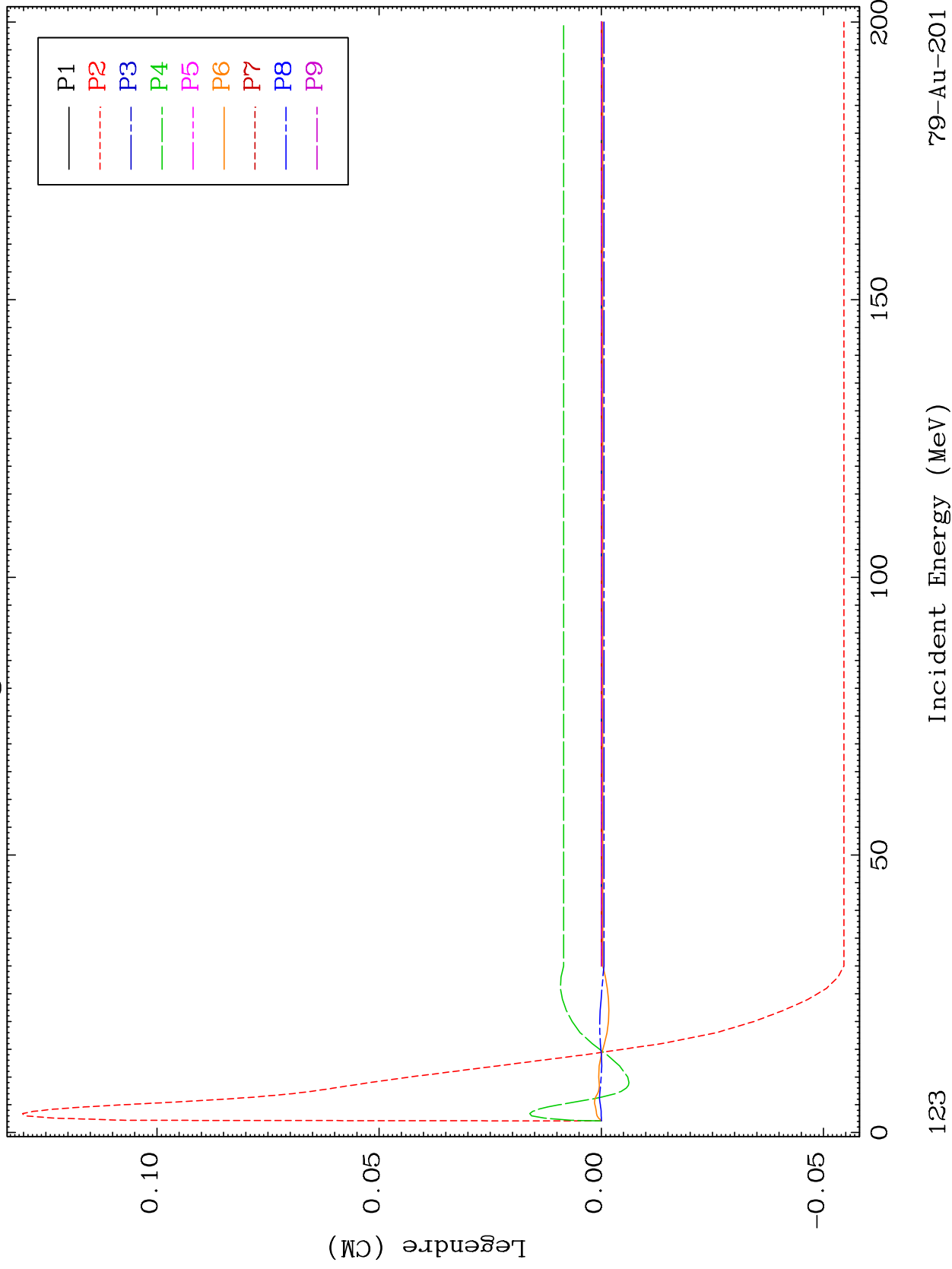
122

79-Au-201

MAT 7937

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

79-Au-201



79-Au-201

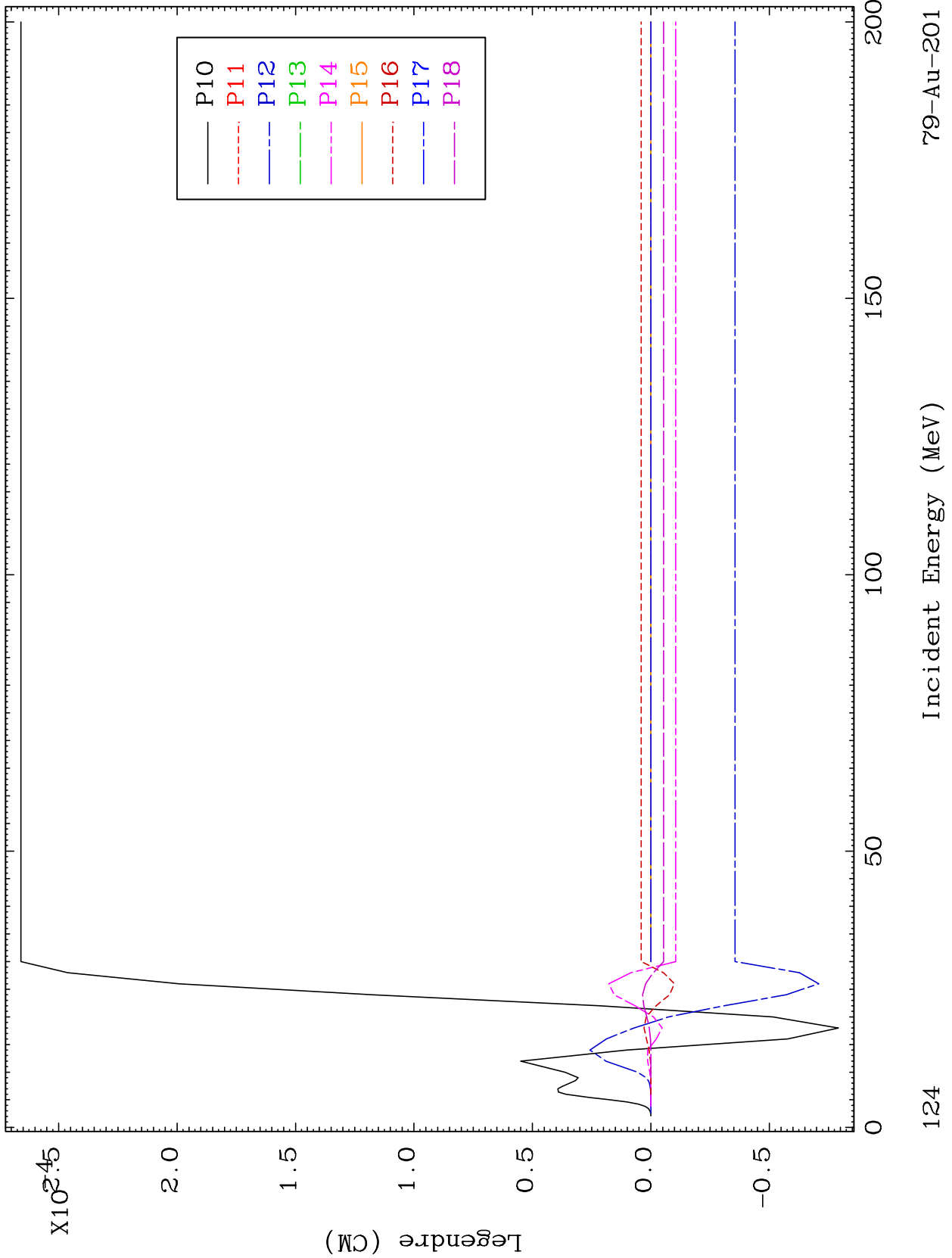
Incident Energy (MeV)

123

MAT 7937

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

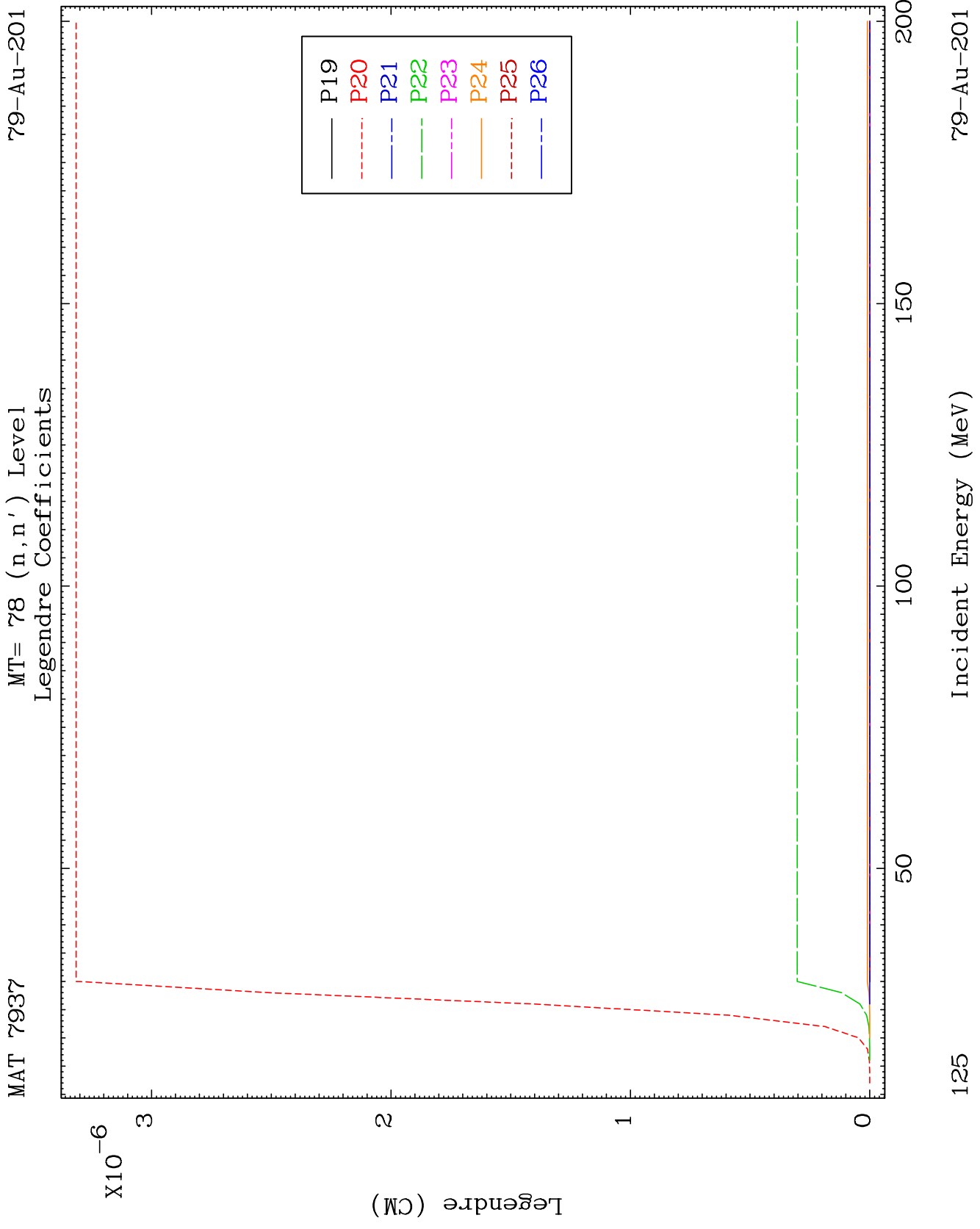
79-Au-201



79-Au-201

Incident Energy (MeV)

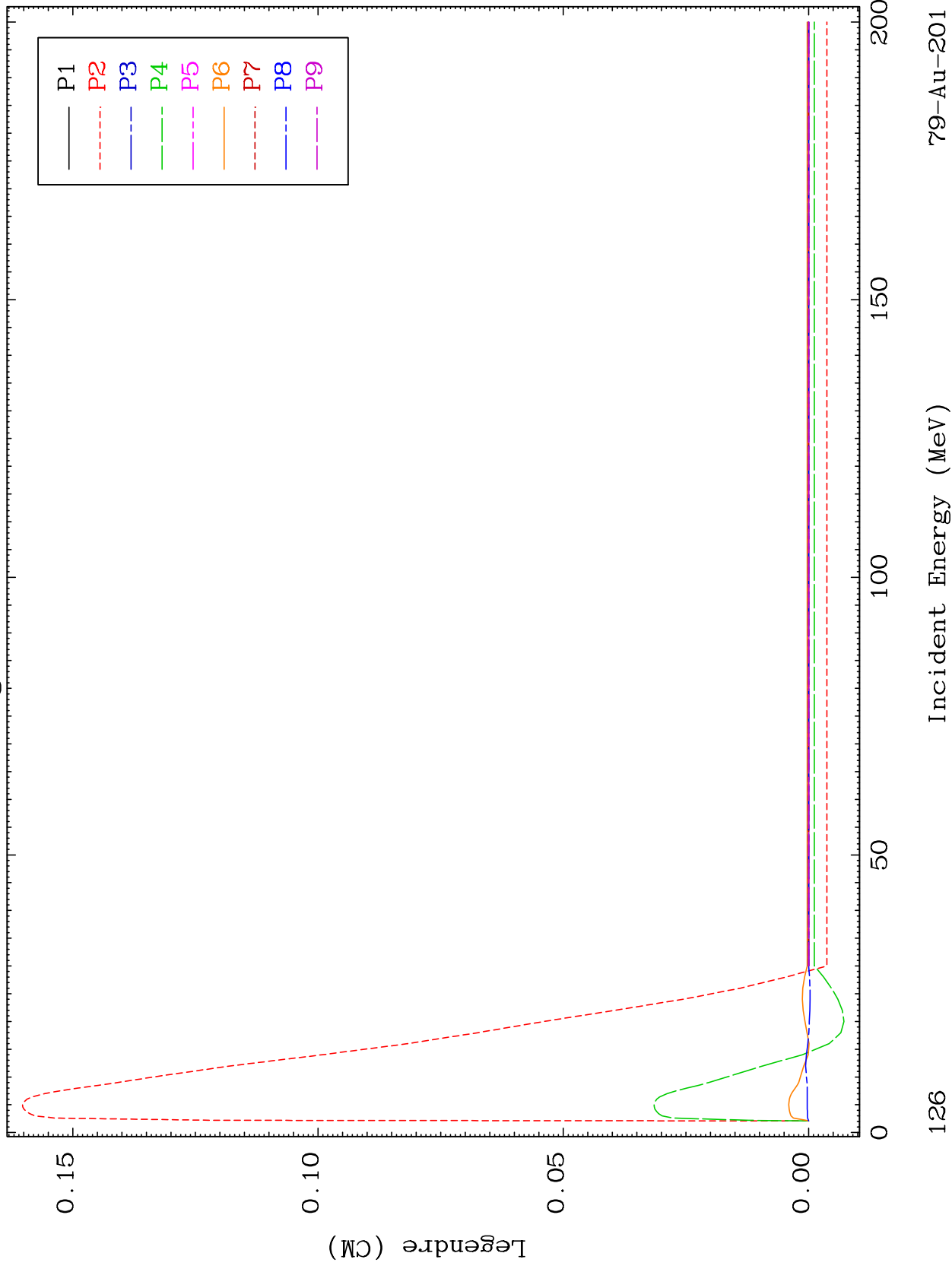
124



MAT 7937

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

79-Au-201



79-Au-201

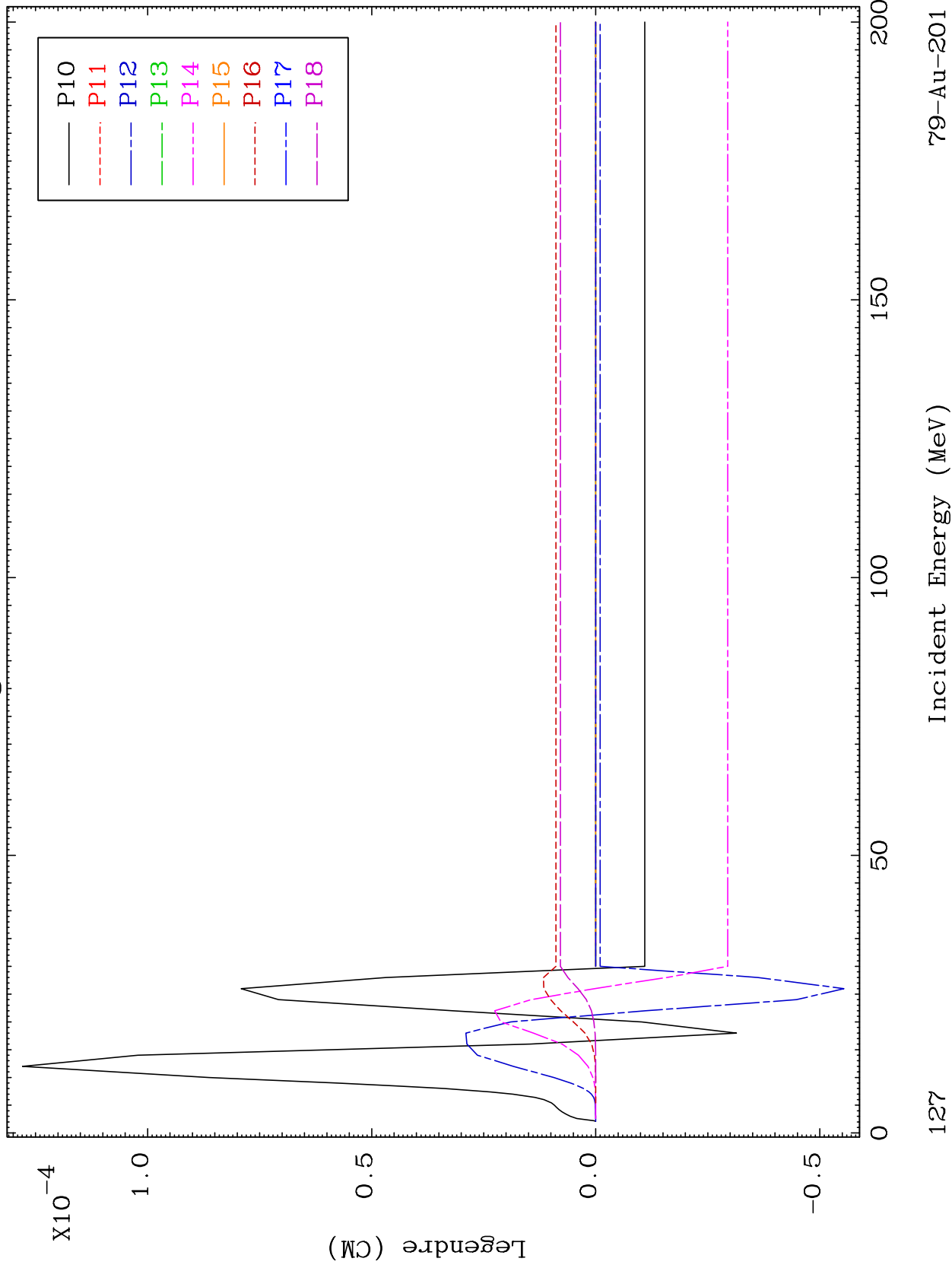
Incident Energy (MeV)

126

MAT 7937

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

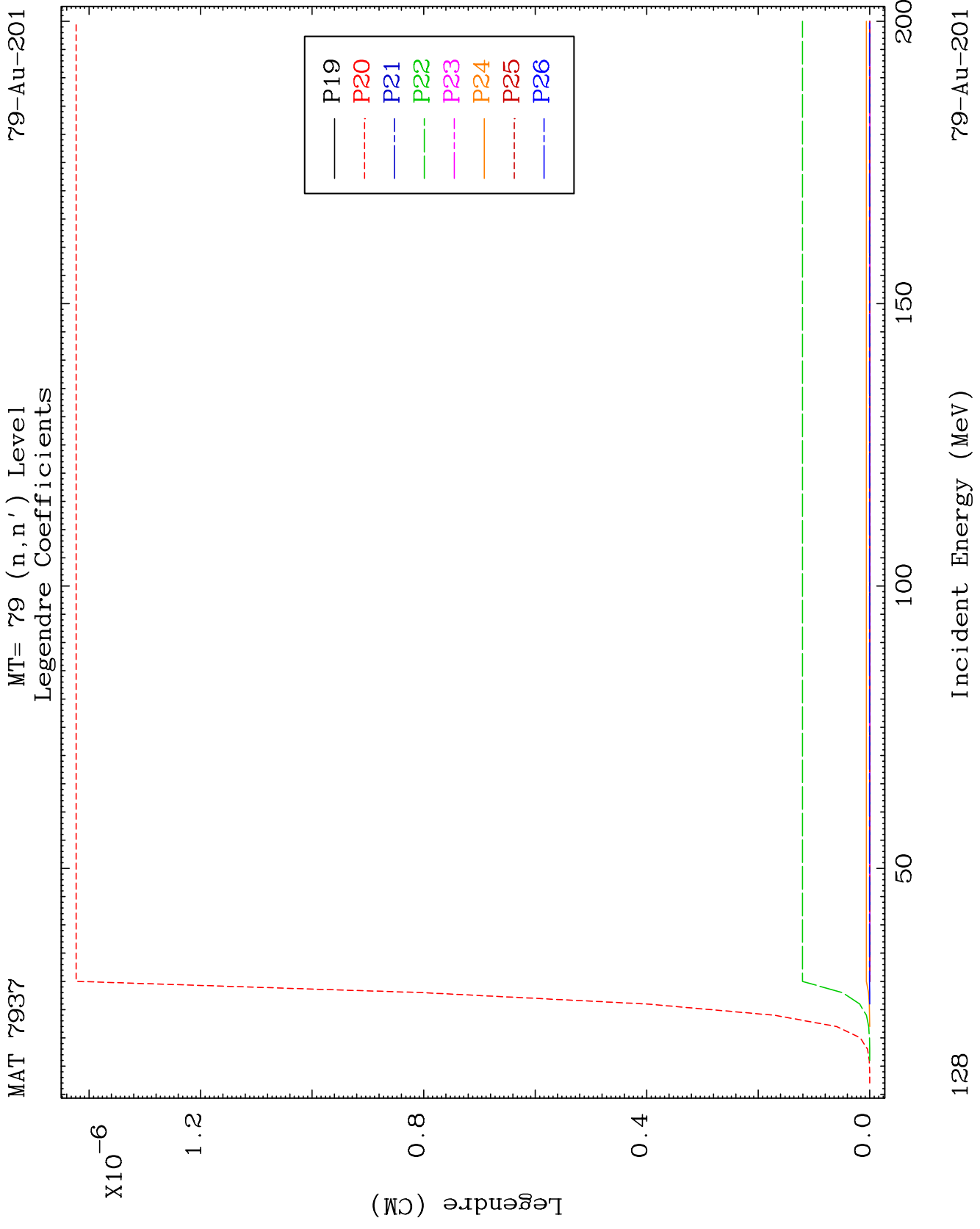
79-Au-201



79-Au-201

Incident Energy (MeV)

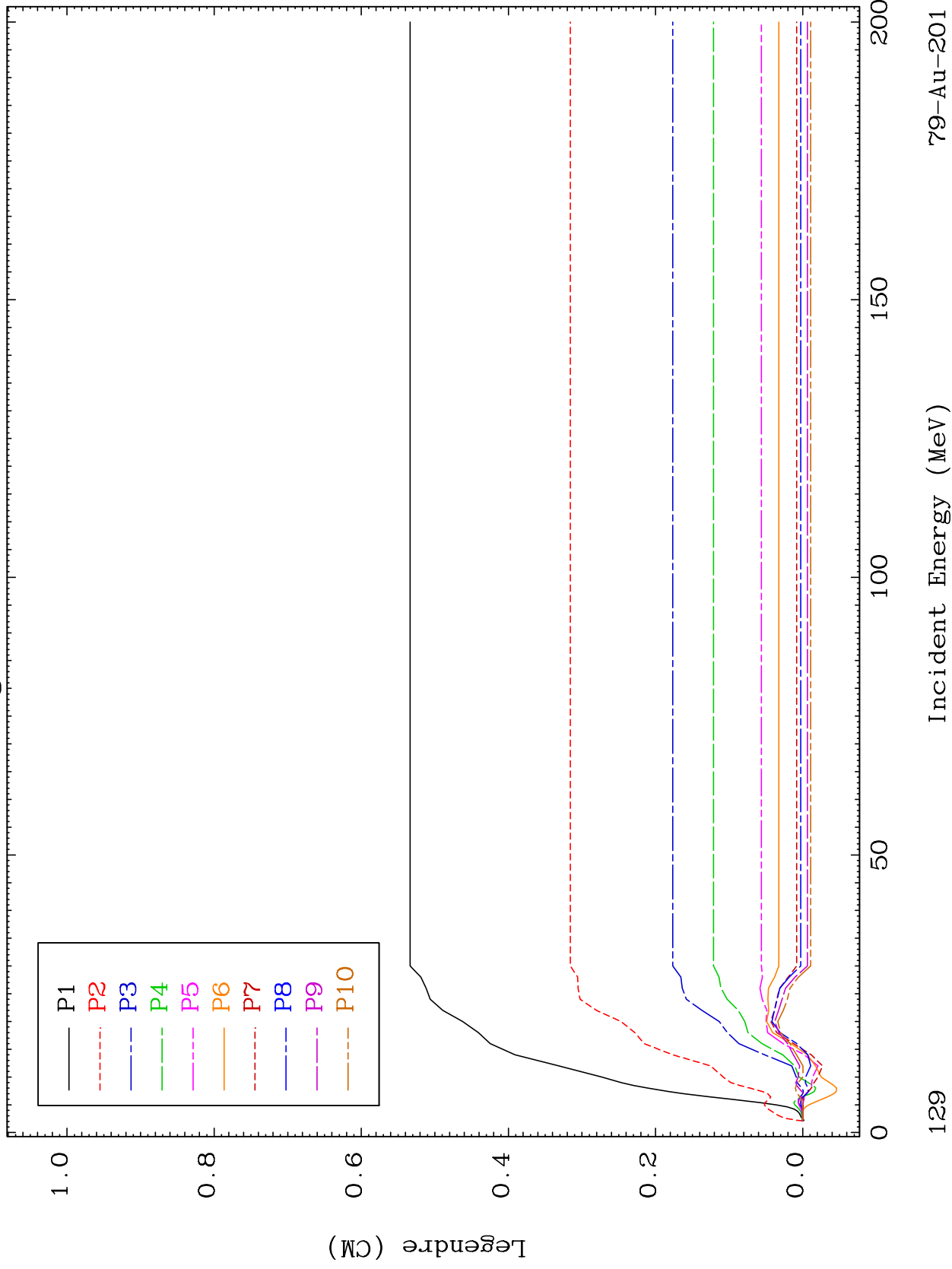
127



MAT 7937

MT= 80 (n,n') Level
Legendre Coefficients

79-Au-201



129

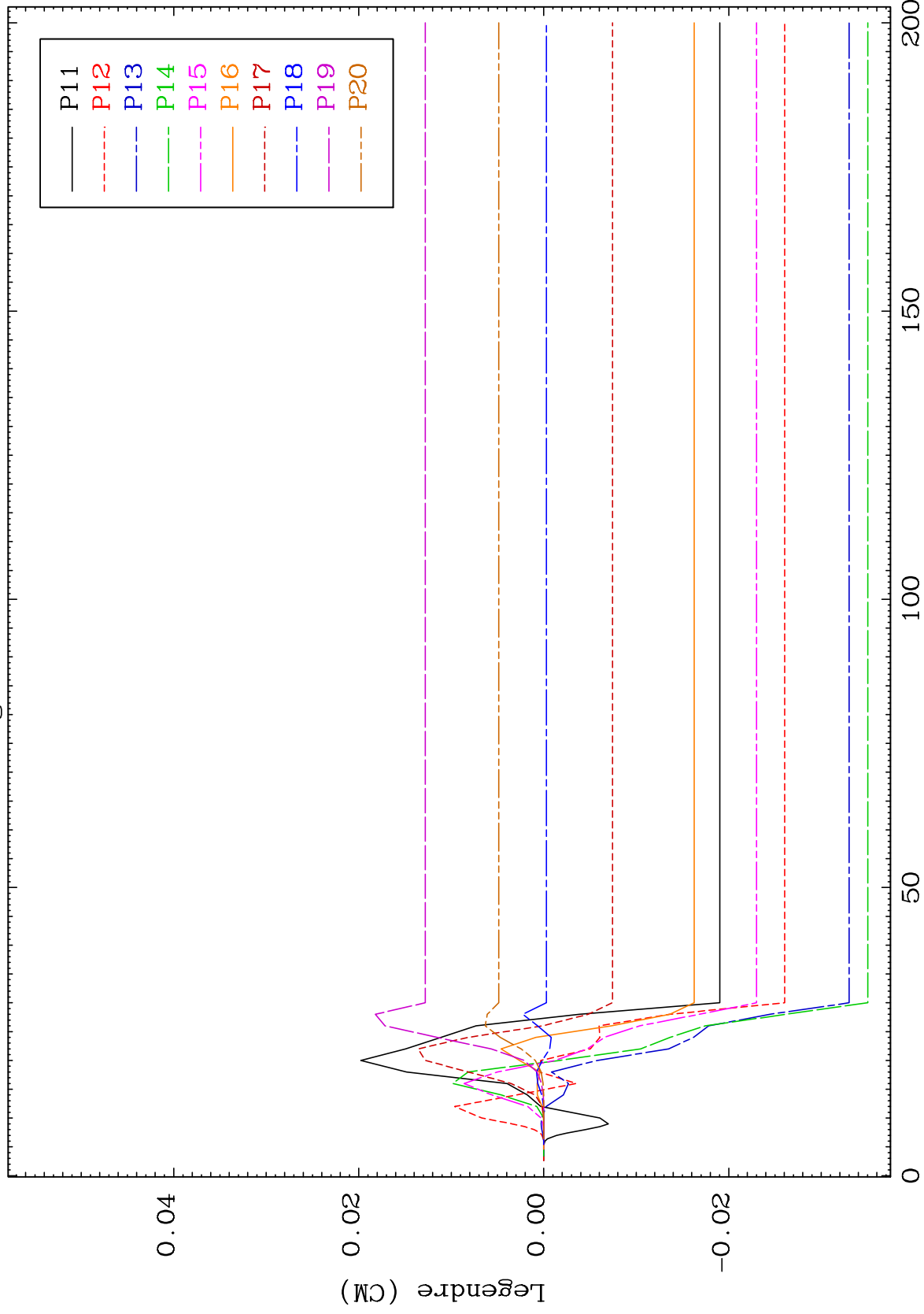
Incident Energy (MeV)

79-Au-201

MAT 7937

MT= 80 (n,n') Level
Legendre Coefficients

79-Au-201



130

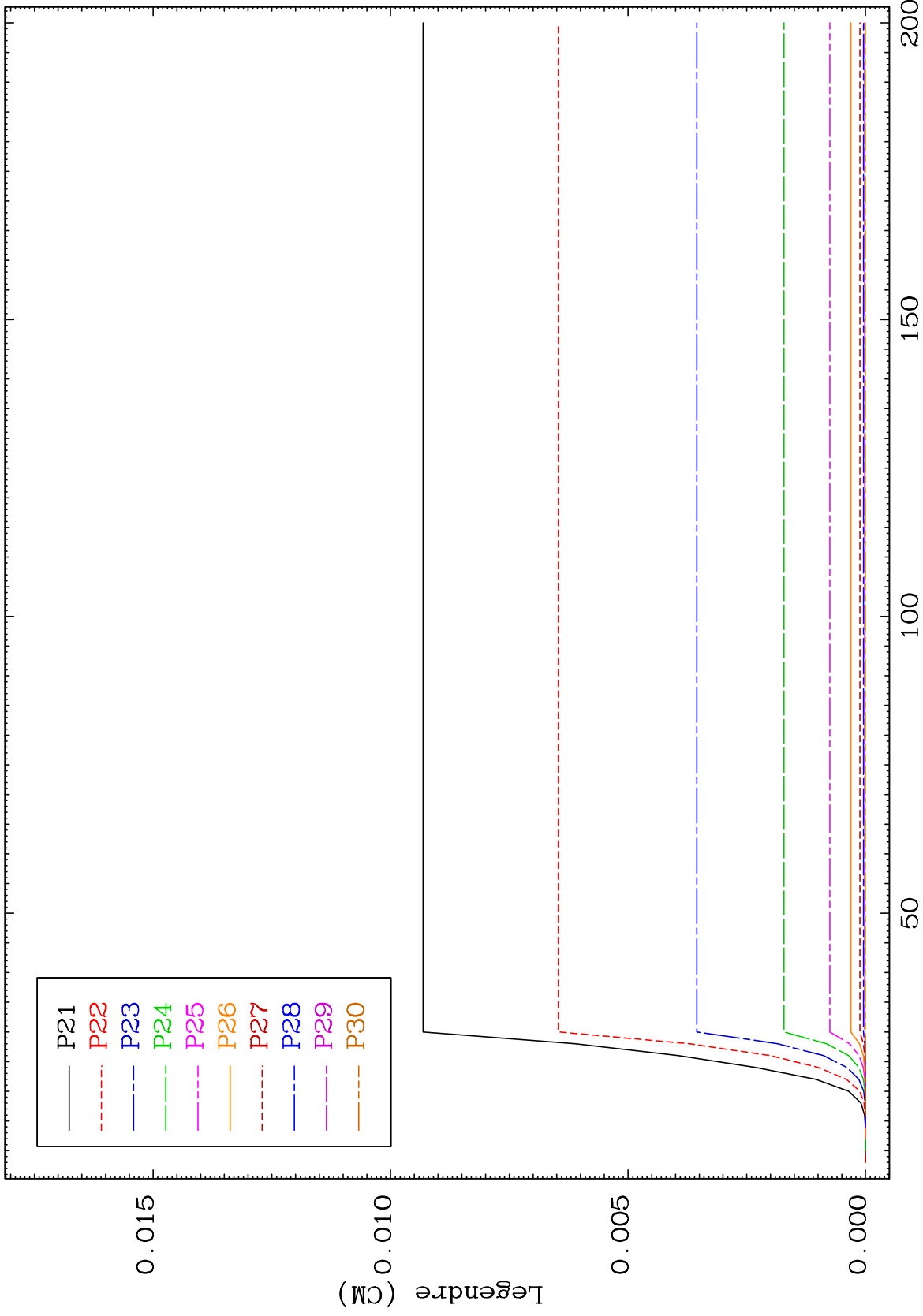
Incident Energy (MeV)

79-Au-201

MAT 7937

MT= 80 (n,n') Level
Legendre Coefficients

79-Au-201



131

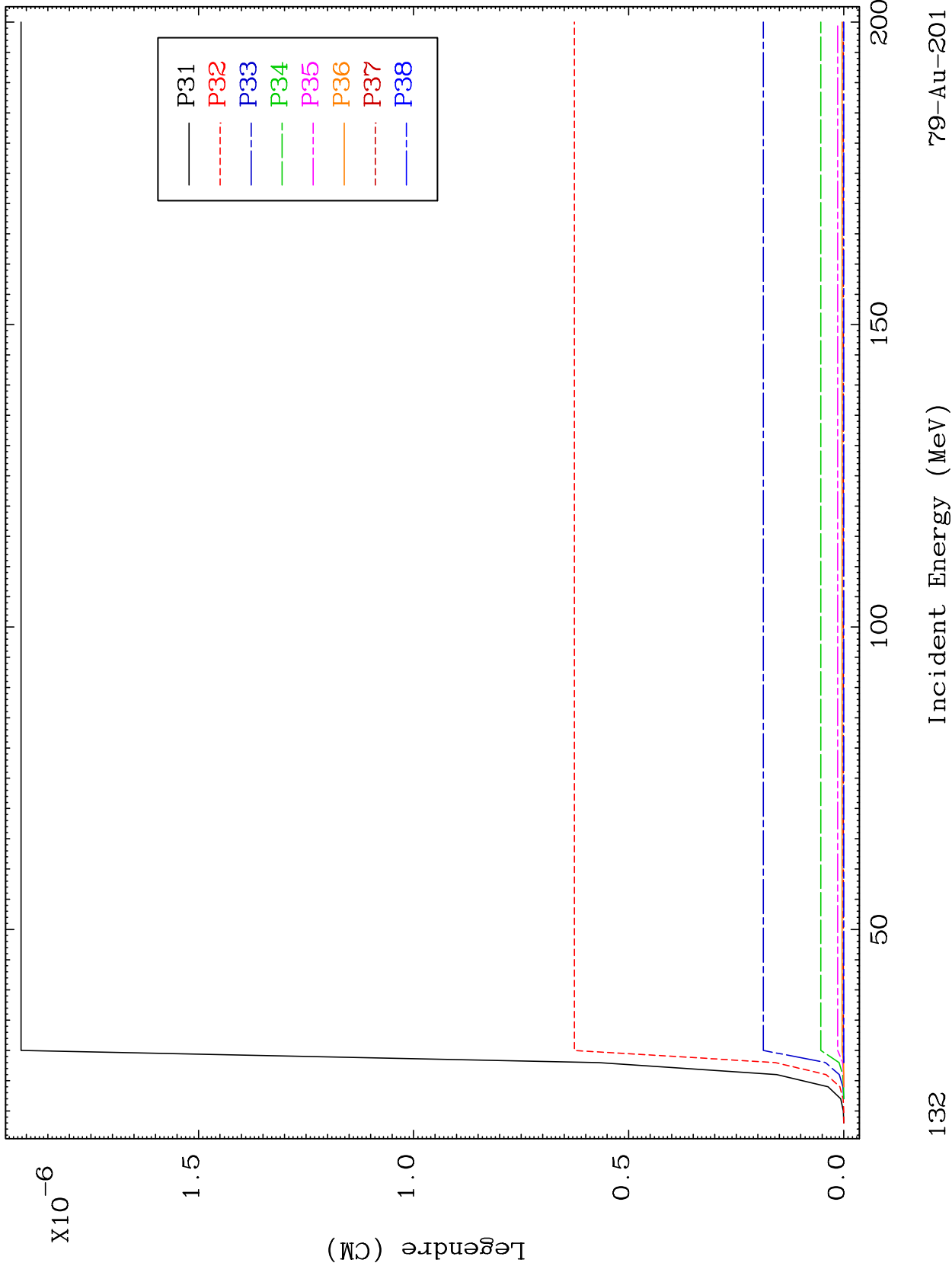
Incident Energy (MeV)

79-Au-201

MAT 7937

MT= 80 (n,n') Level
Legendre Coefficients

79-Au-201



132

Incident Energy (MeV)

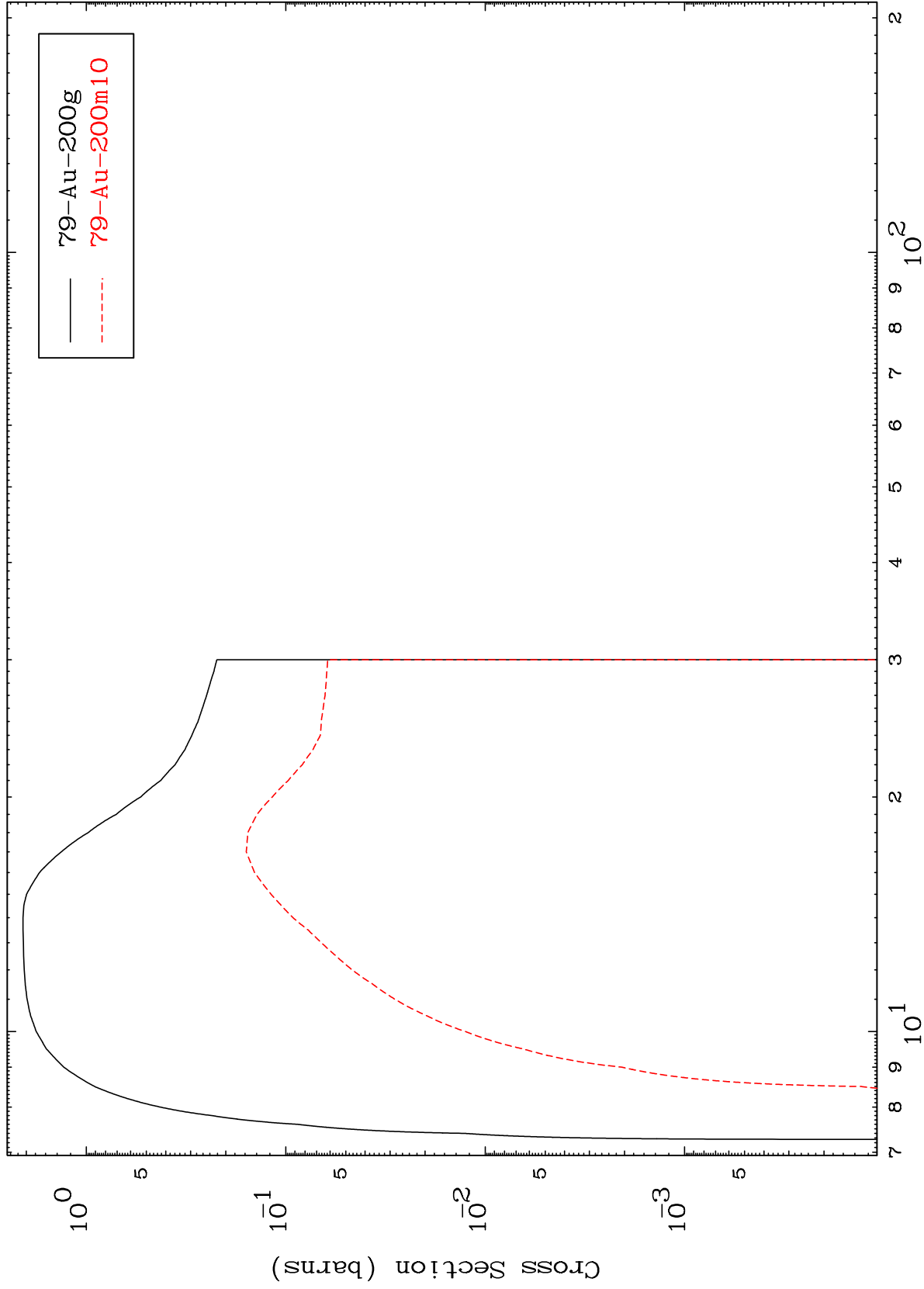
79-Au-201

MAT 7937

(n,2n)

79-Au-201

Radionuclide Production Cross Section



133

Incident Energy (MeV)

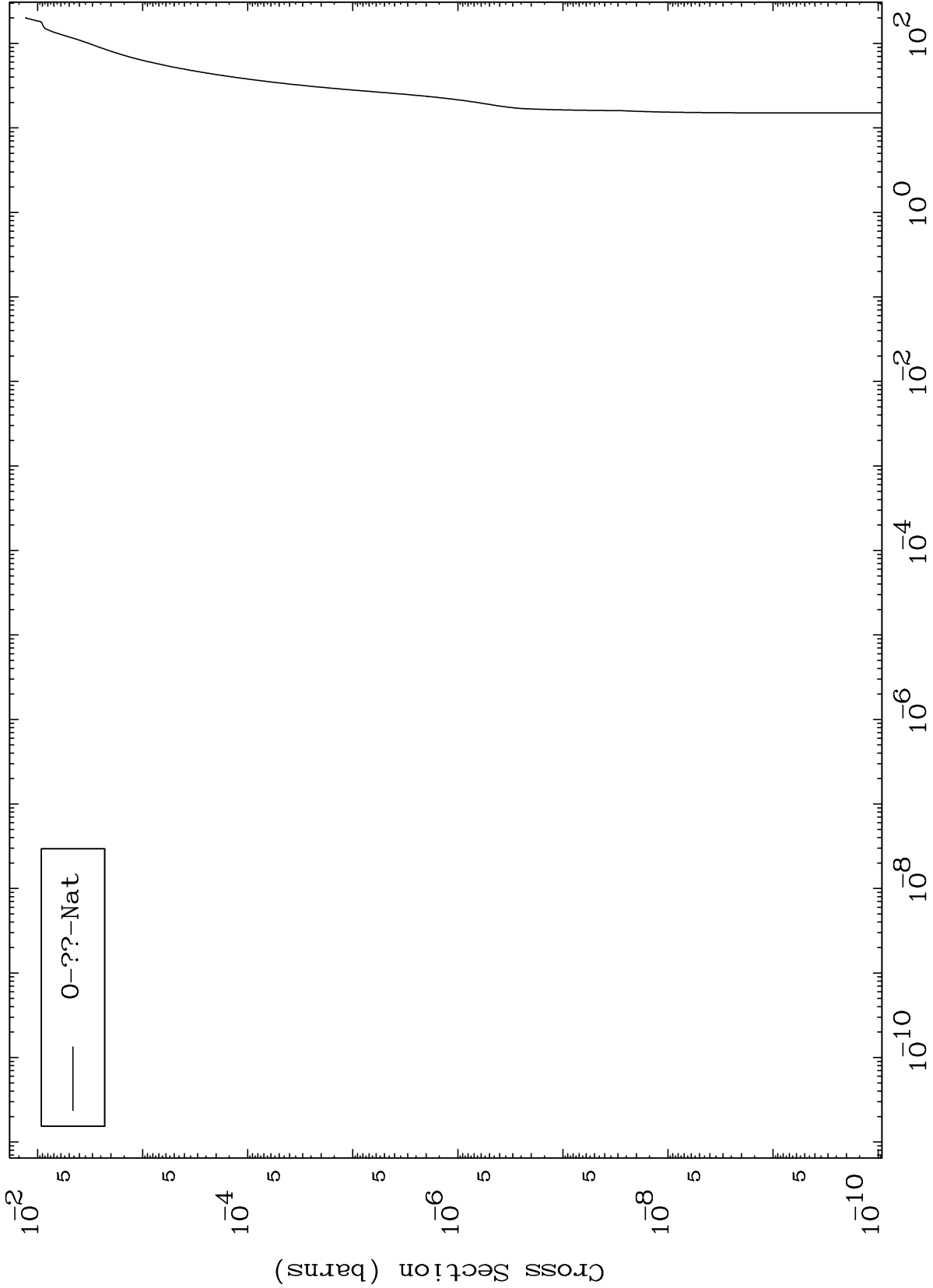
79-Au-201

MAT 7937

Fission

⁷⁹Au-201

Radionuclide Production Cross Section



134

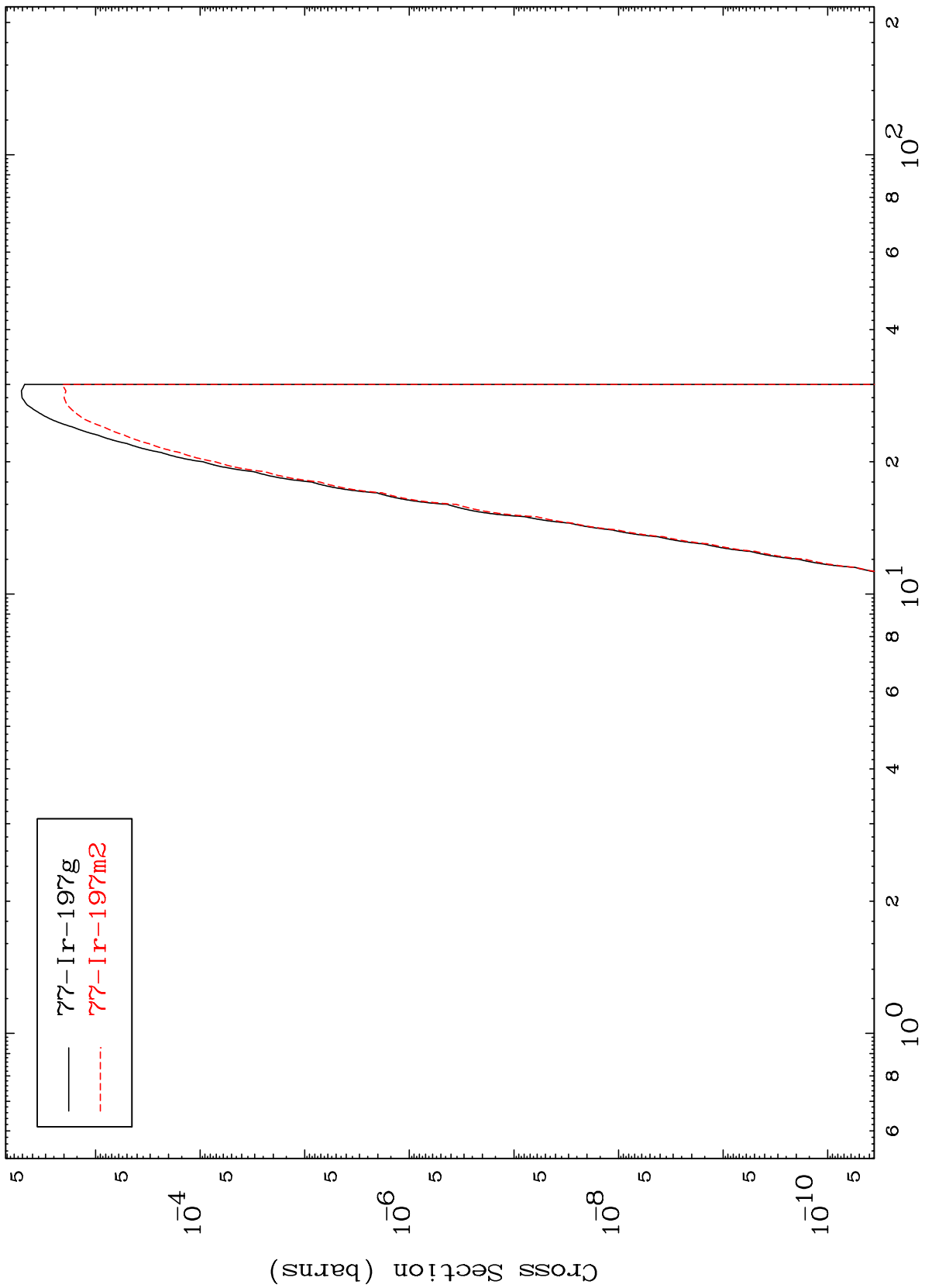
⁷⁹Au-201

MAT 7937

$(n, n') \alpha$

79-Au-201

Radionuclide Production Cross Section



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

135

Incident Energy (MeV)

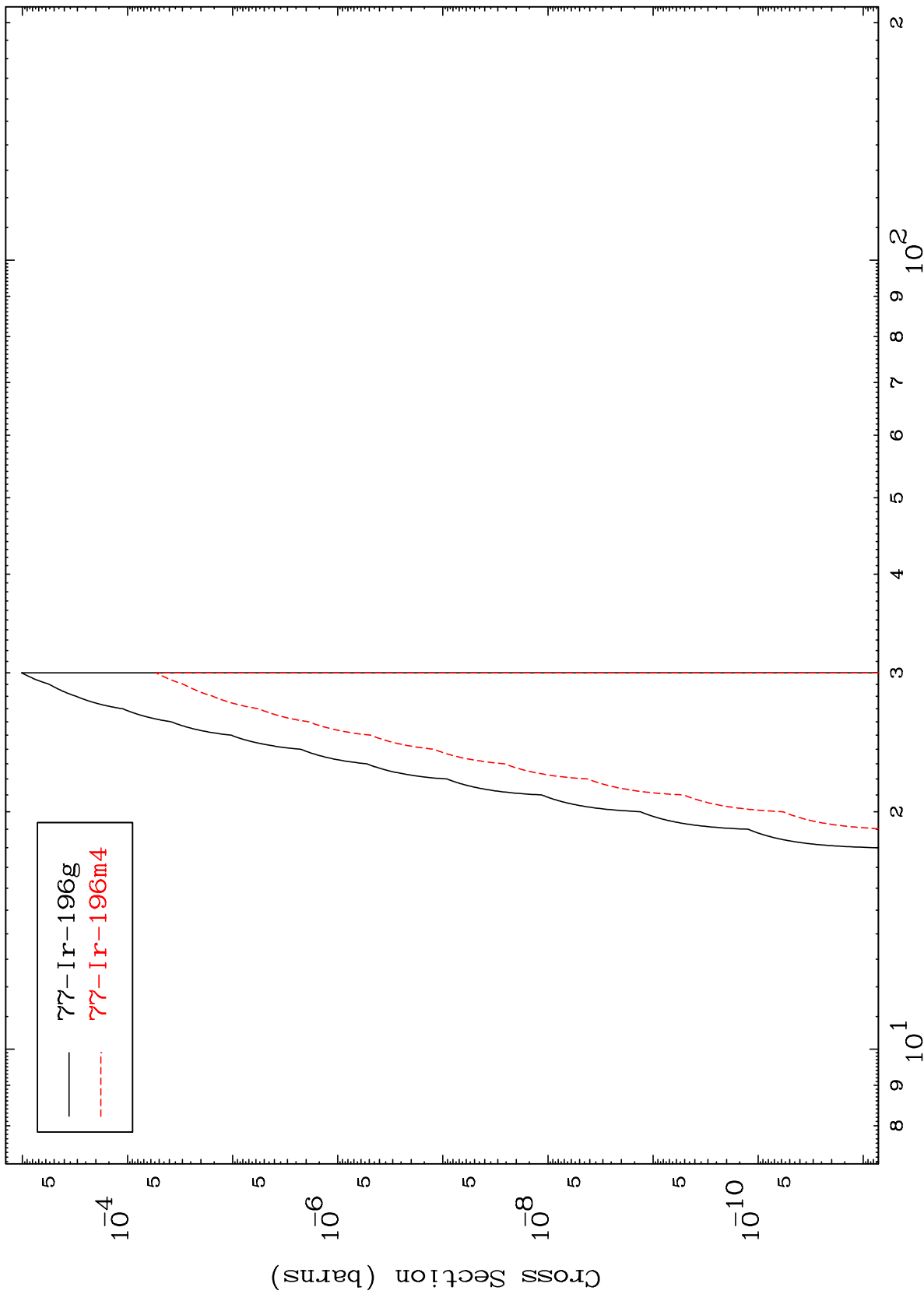
79-Au-201

MAT 7937

(n,2n) α

79-Au-201

Radionuclide Production Cross Section

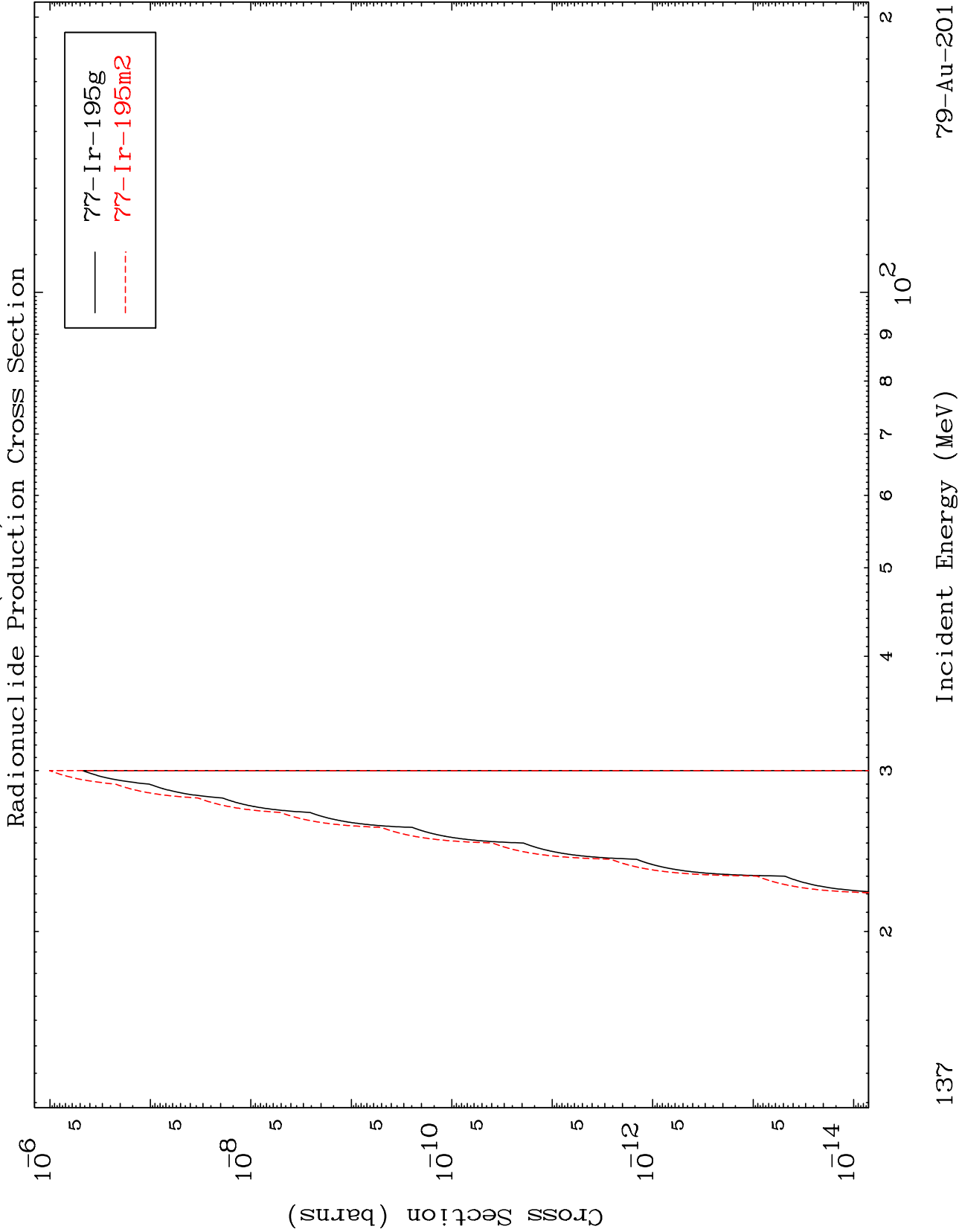


— $^{77}\text{Ir-196g}$
- - - $^{77}\text{Ir-196m4}$

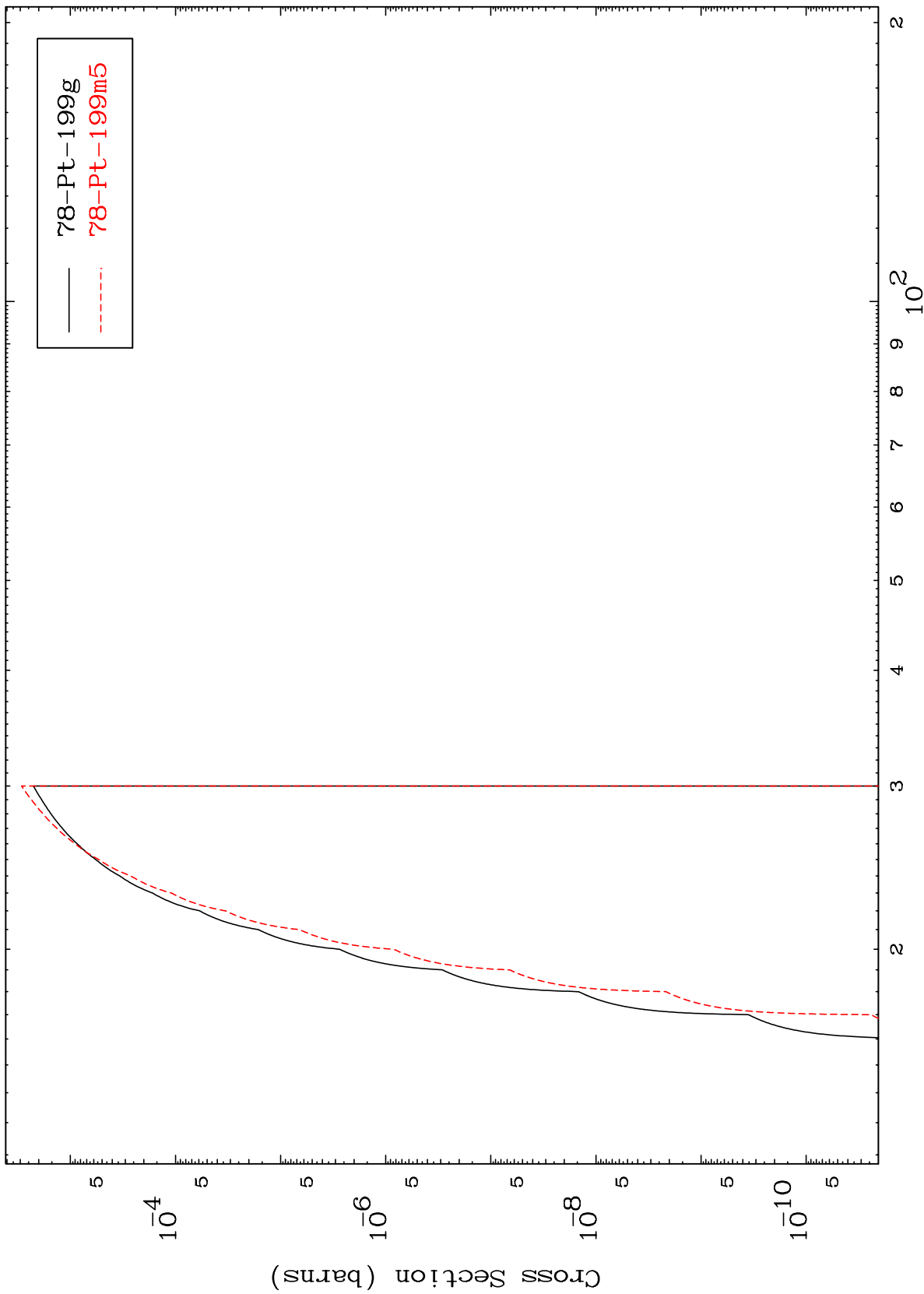
136

Incident Energy (MeV)

79-Au-201



Radionuclide Production Cross Section

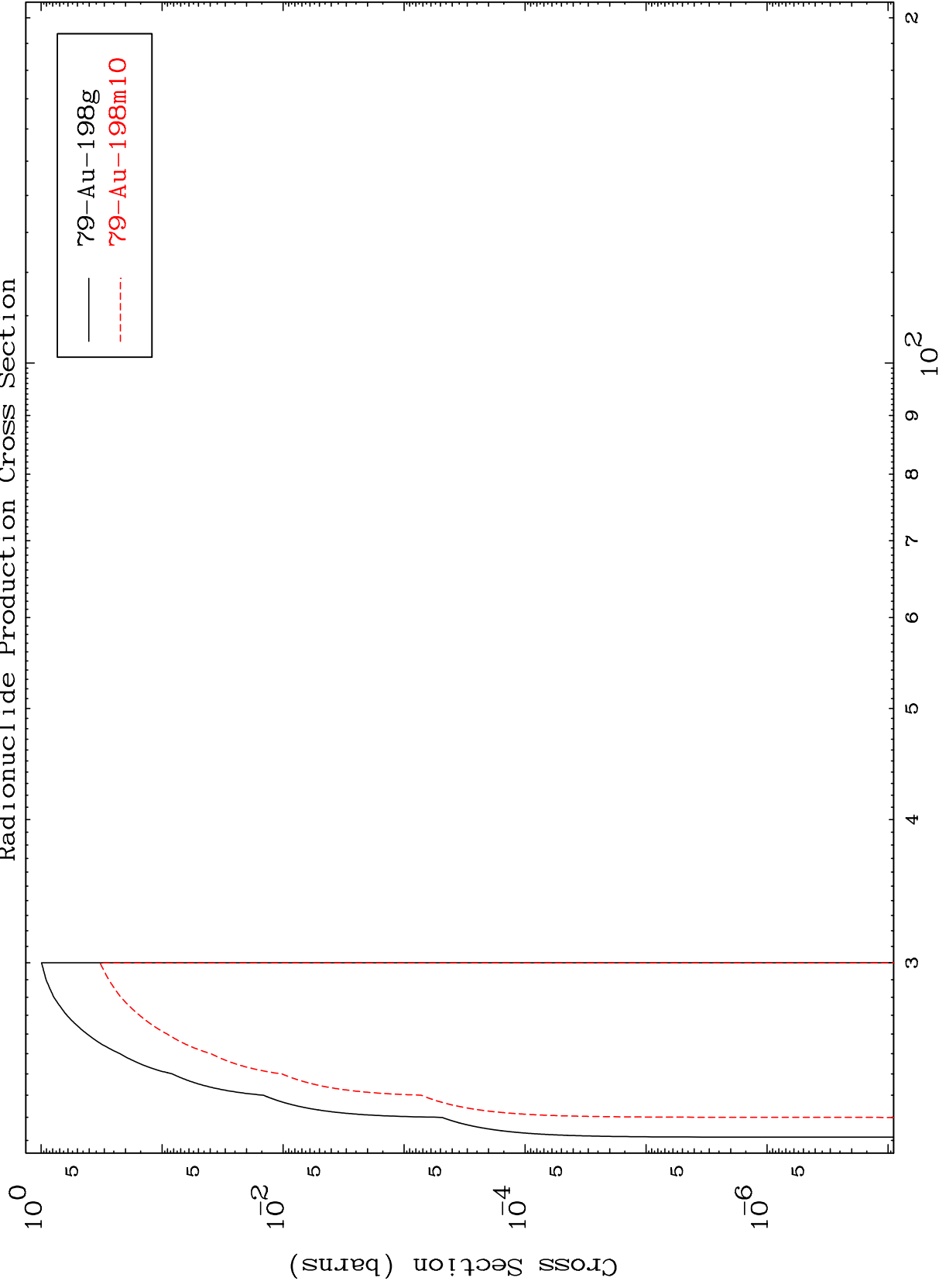


MAT 7937

(n,4n)

79-Au-201

Radionuclide Production Cross Section



139

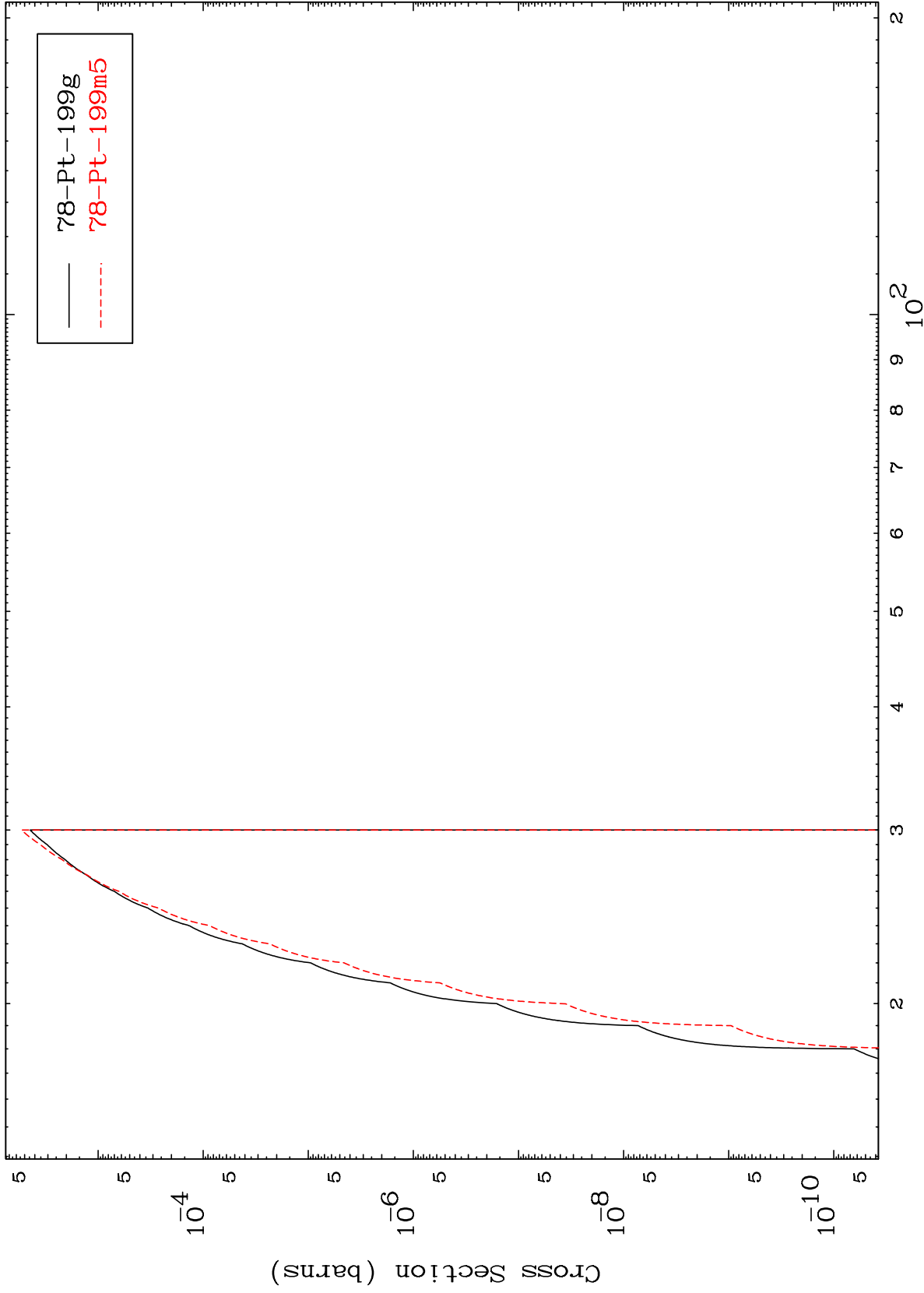
Incident Energy (MeV)

79-Au-201

MAT 7937

79-Au-201

(n,2n) p
Radionuclide Production Cross Section



140

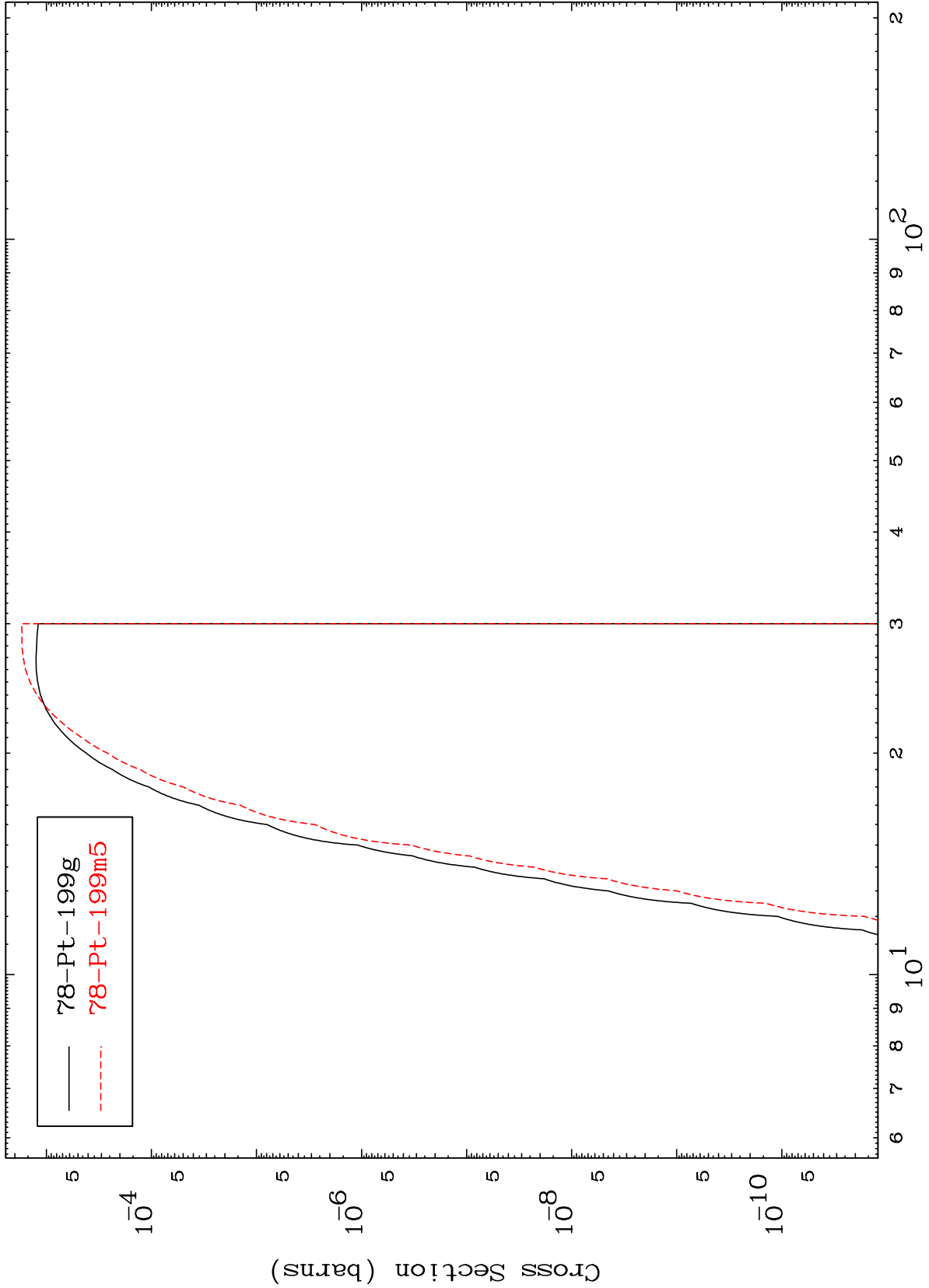
Incident Energy (MeV)

79-Au-201

MAT 7937

79-Au-201

Radionuclide Production Cross Section



141

79-Au-201