

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

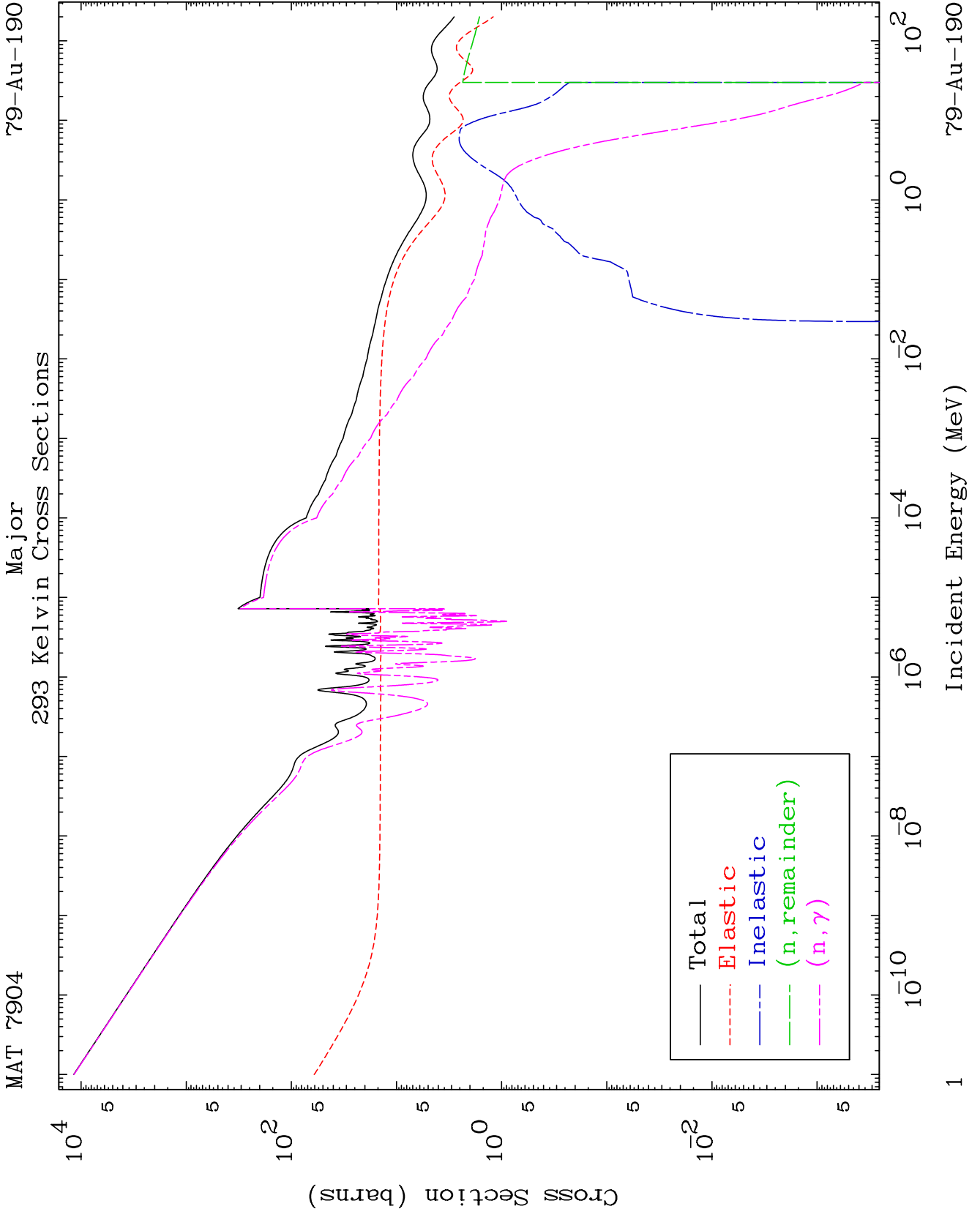
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Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

Web: redcullen1.net/HOMEPAGE.NEW

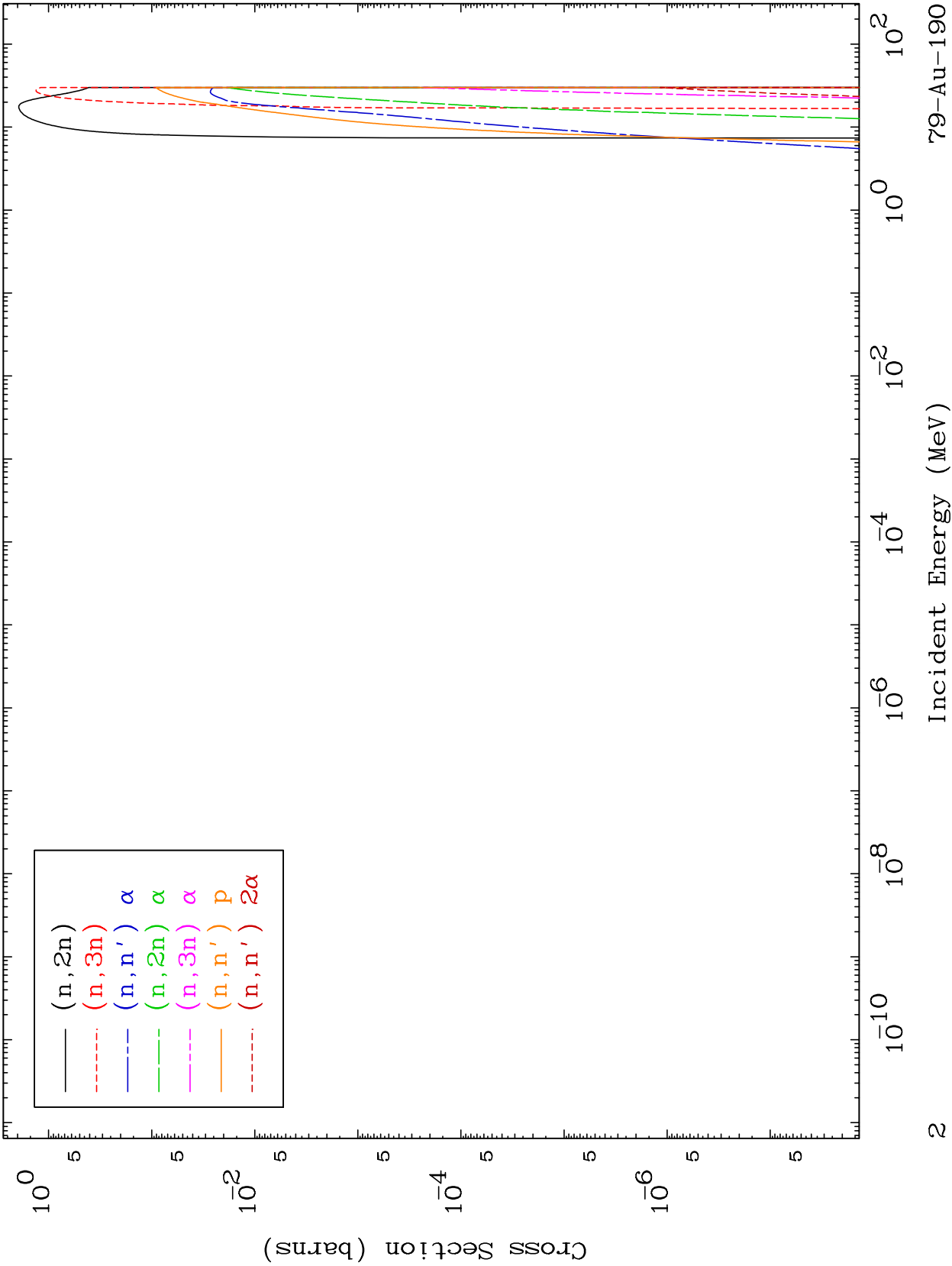
Press Mouse Button to Start



MAT 7904

Neutron Production
293 Kelvin Cross Sections

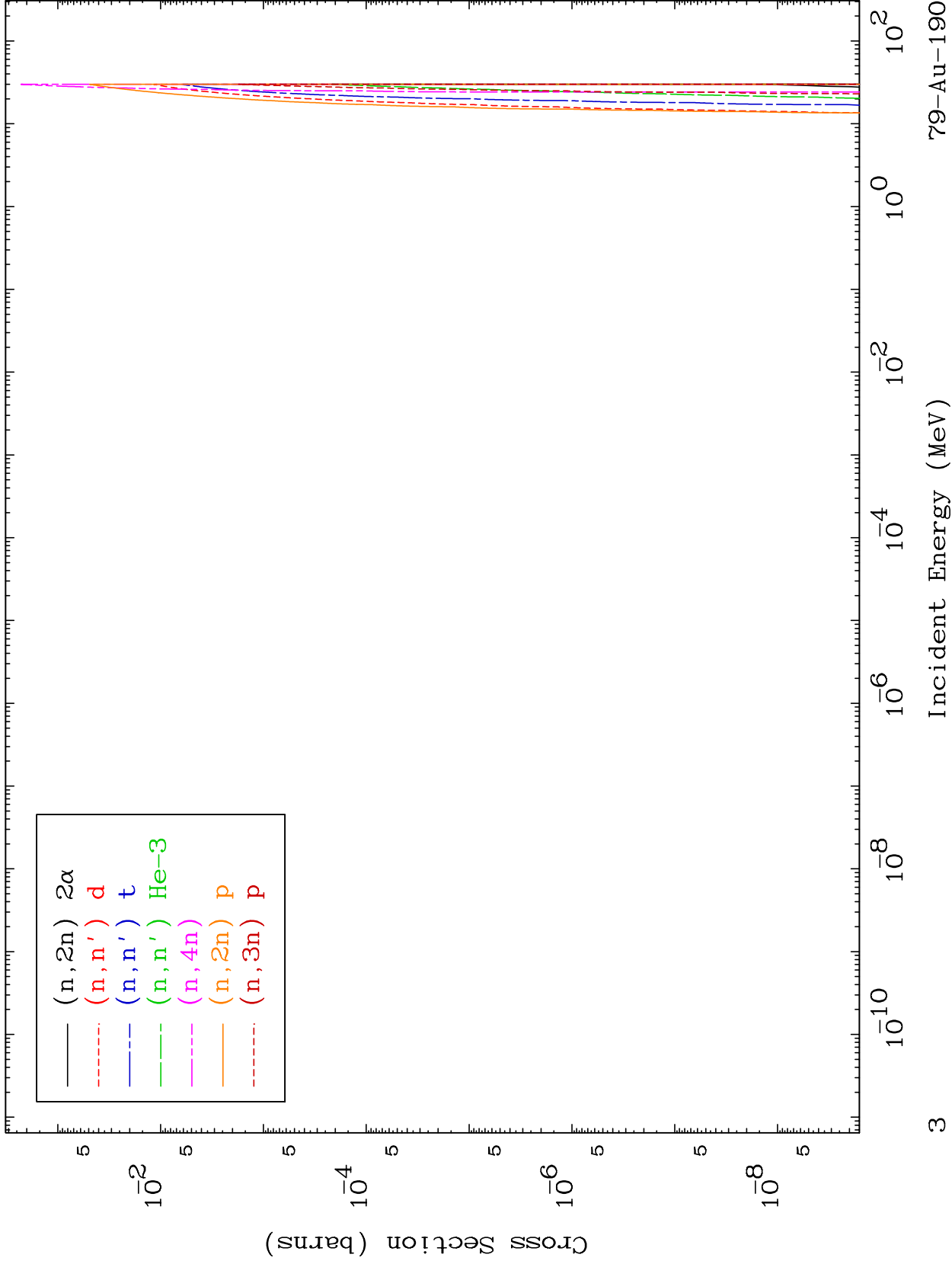
79-Au-190



MAT 7904

Neutron Production
293 Kelvin Cross Sections

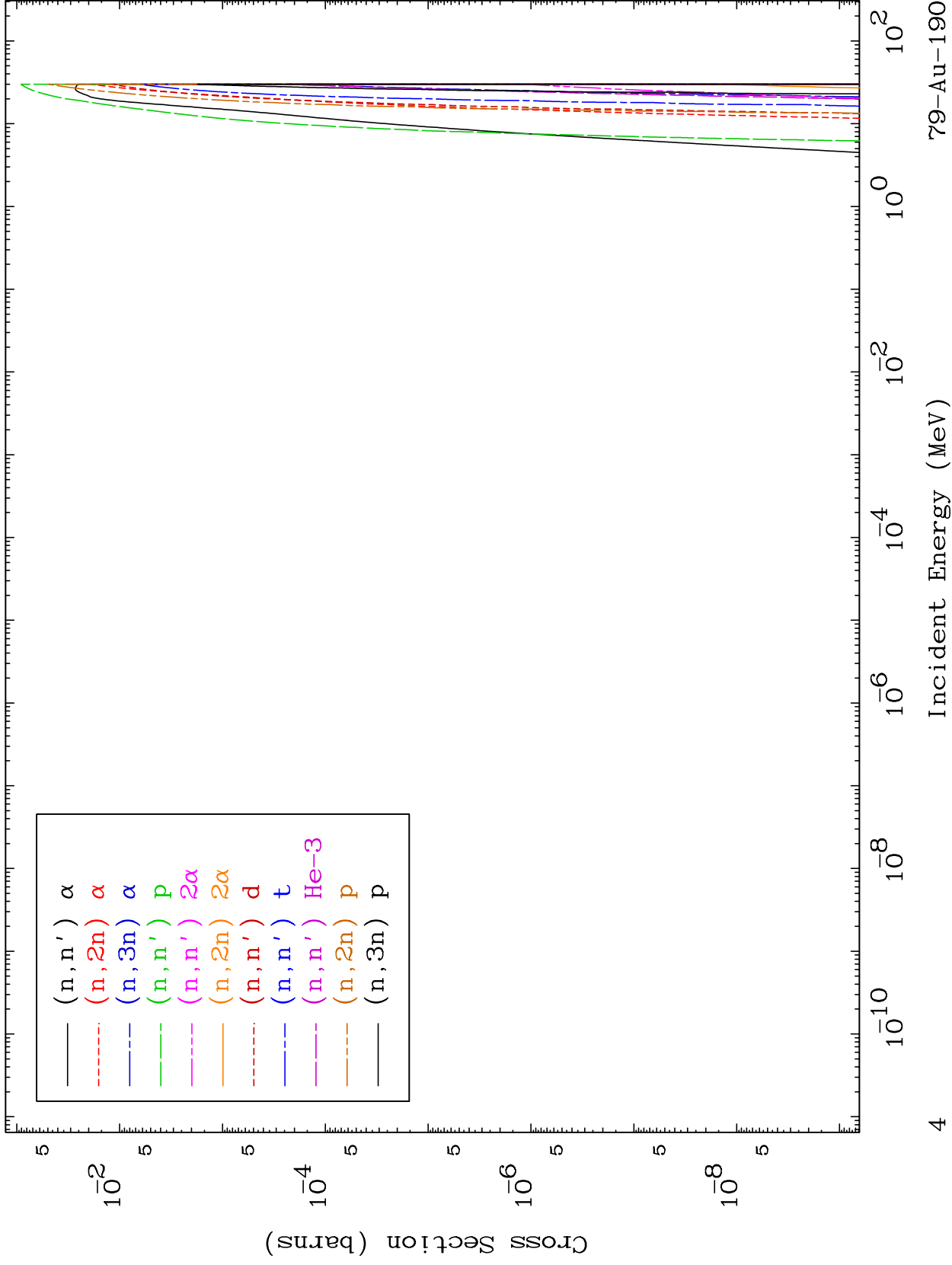
79-Au-190



MAT 7904

Charged Particle
293 Kelvin Cross Sections

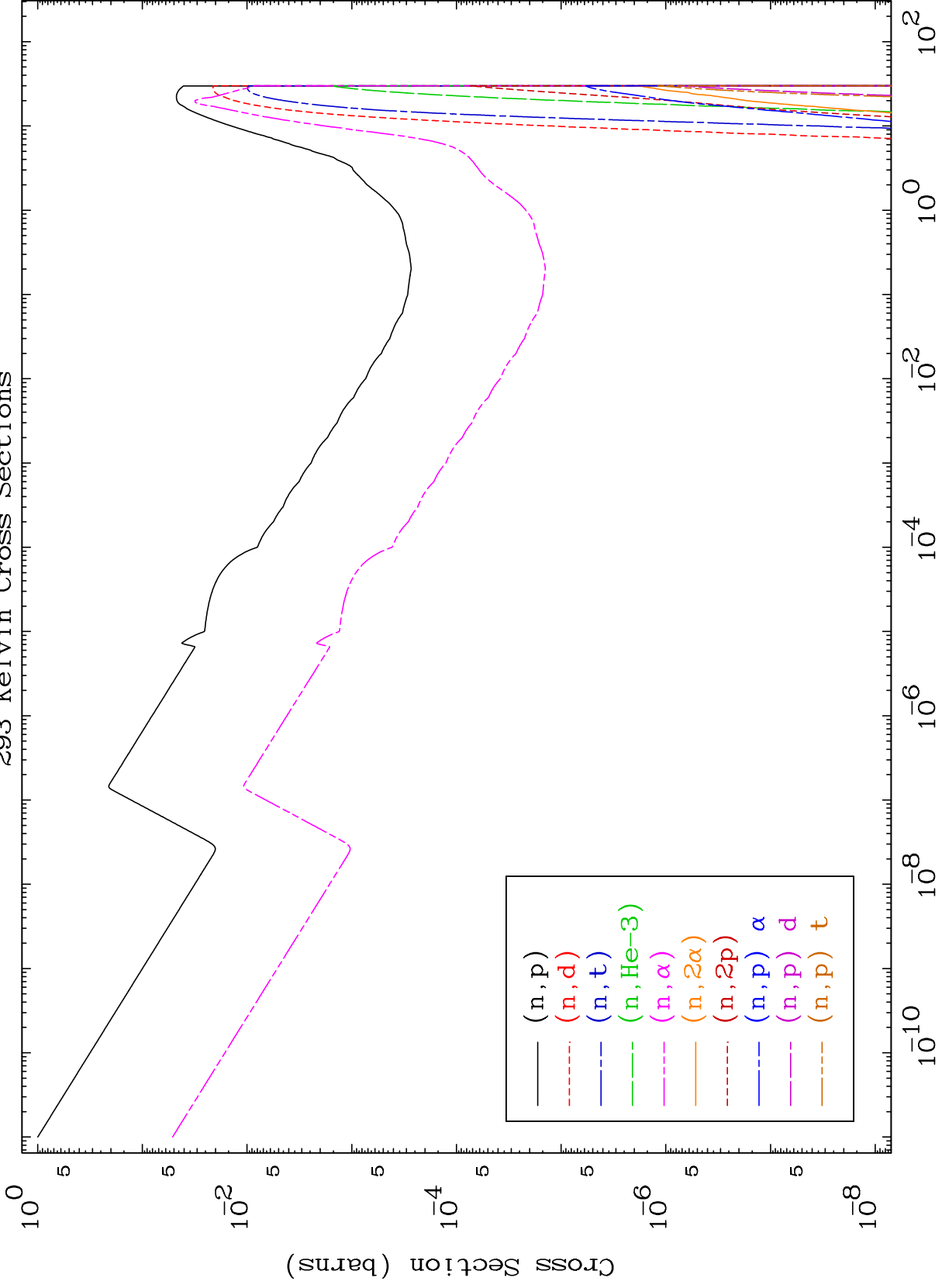
79-Au-190



MAT 7904

Charged Particle
293 Kelvin Cross Sections

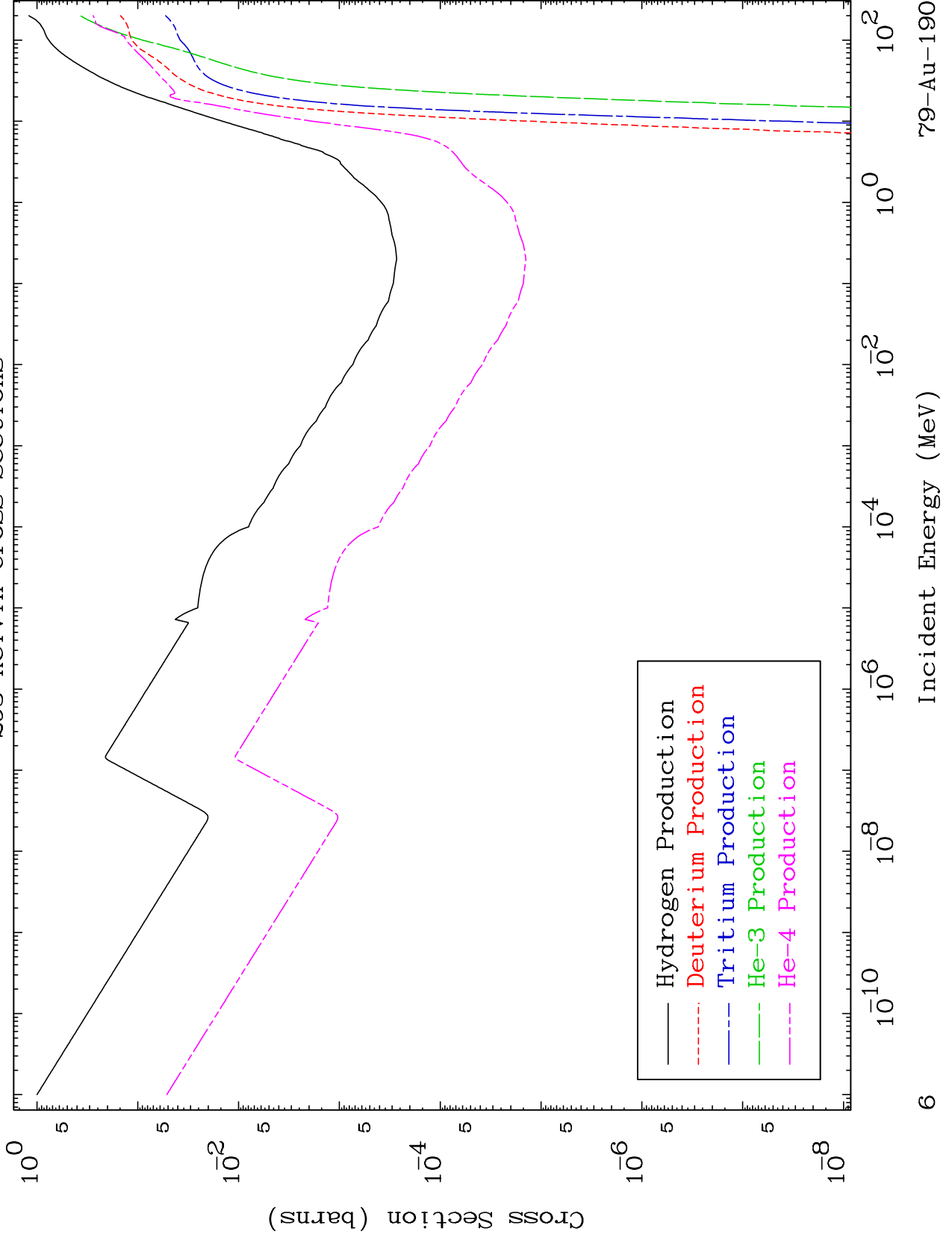
79-Au-190

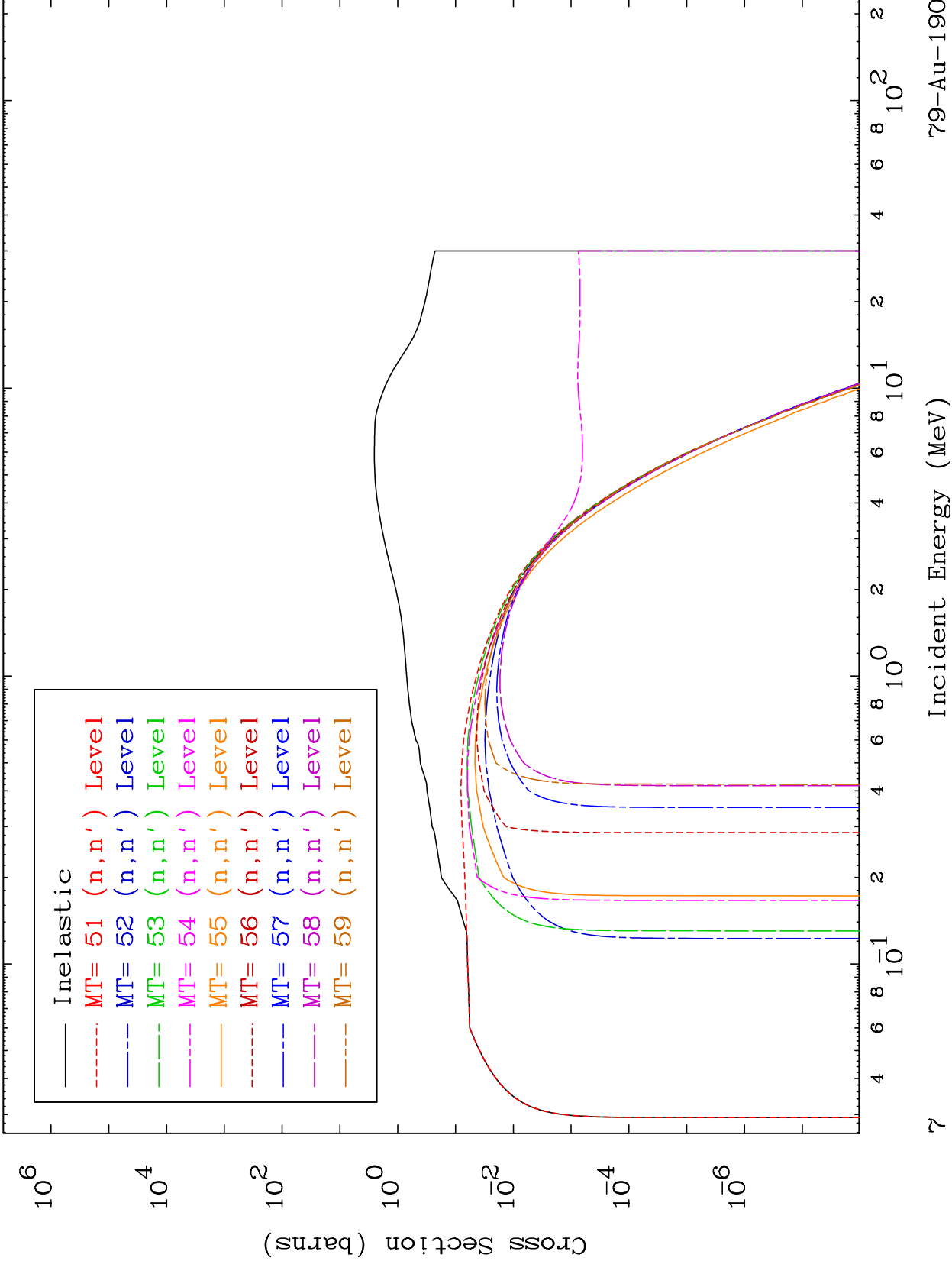


MAT 7904

Particle Production
293 Kelvin Cross Sections

79-Au-190



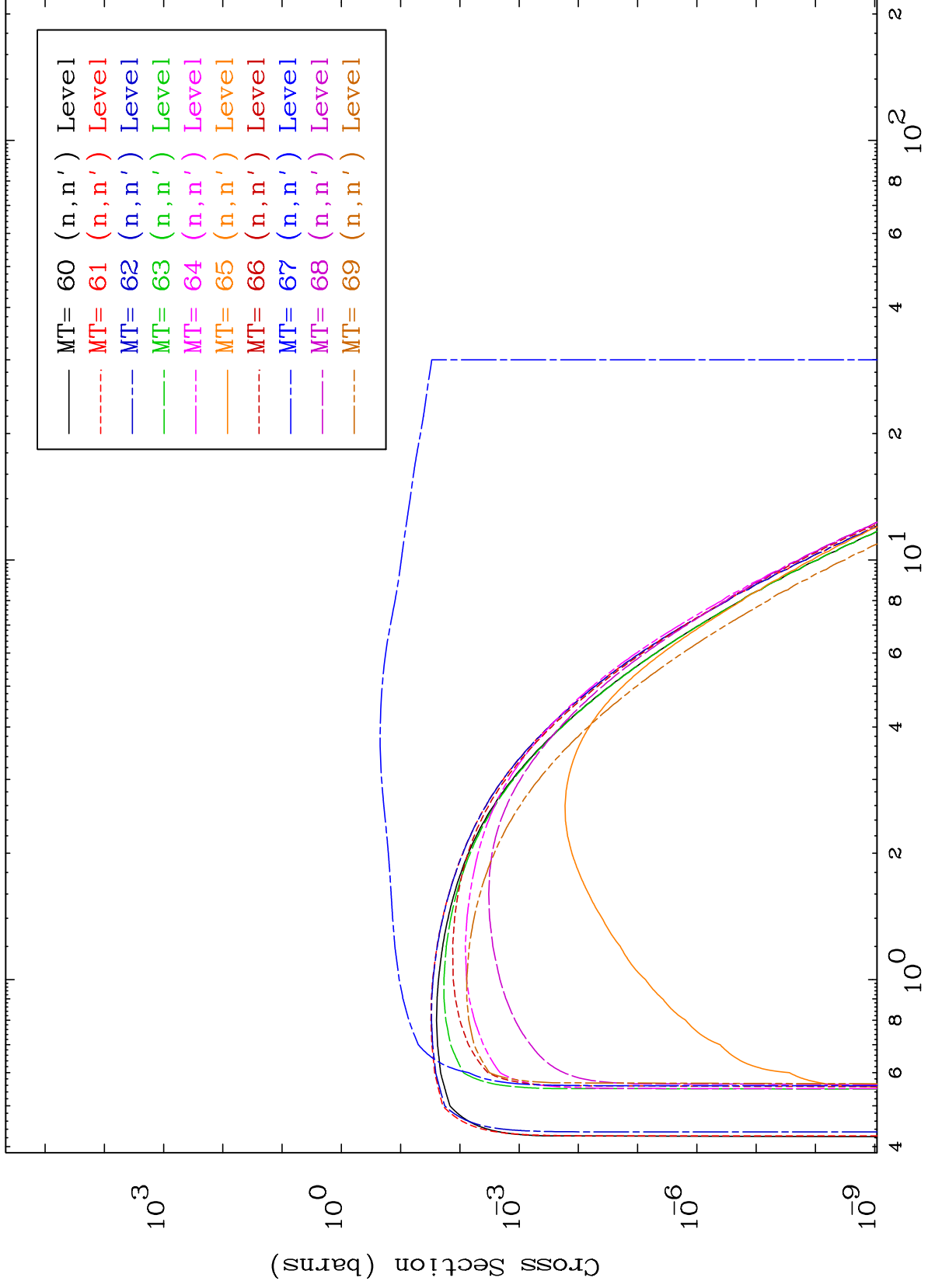


MAT 7904

(n,n') Level

79-Au-190

293 Kelvin Cross Sections



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Incident Energy (MeV)

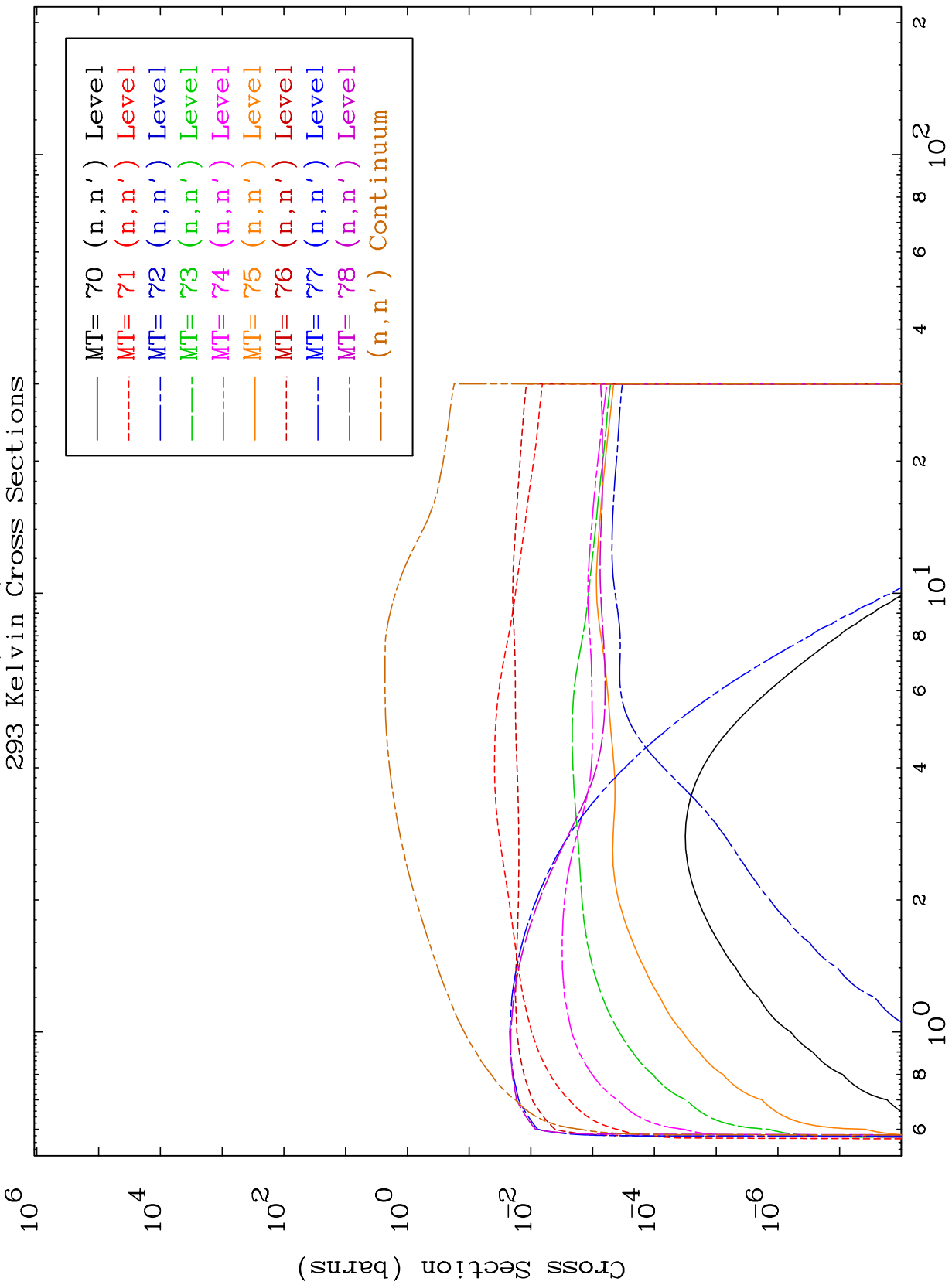
79-Au-190

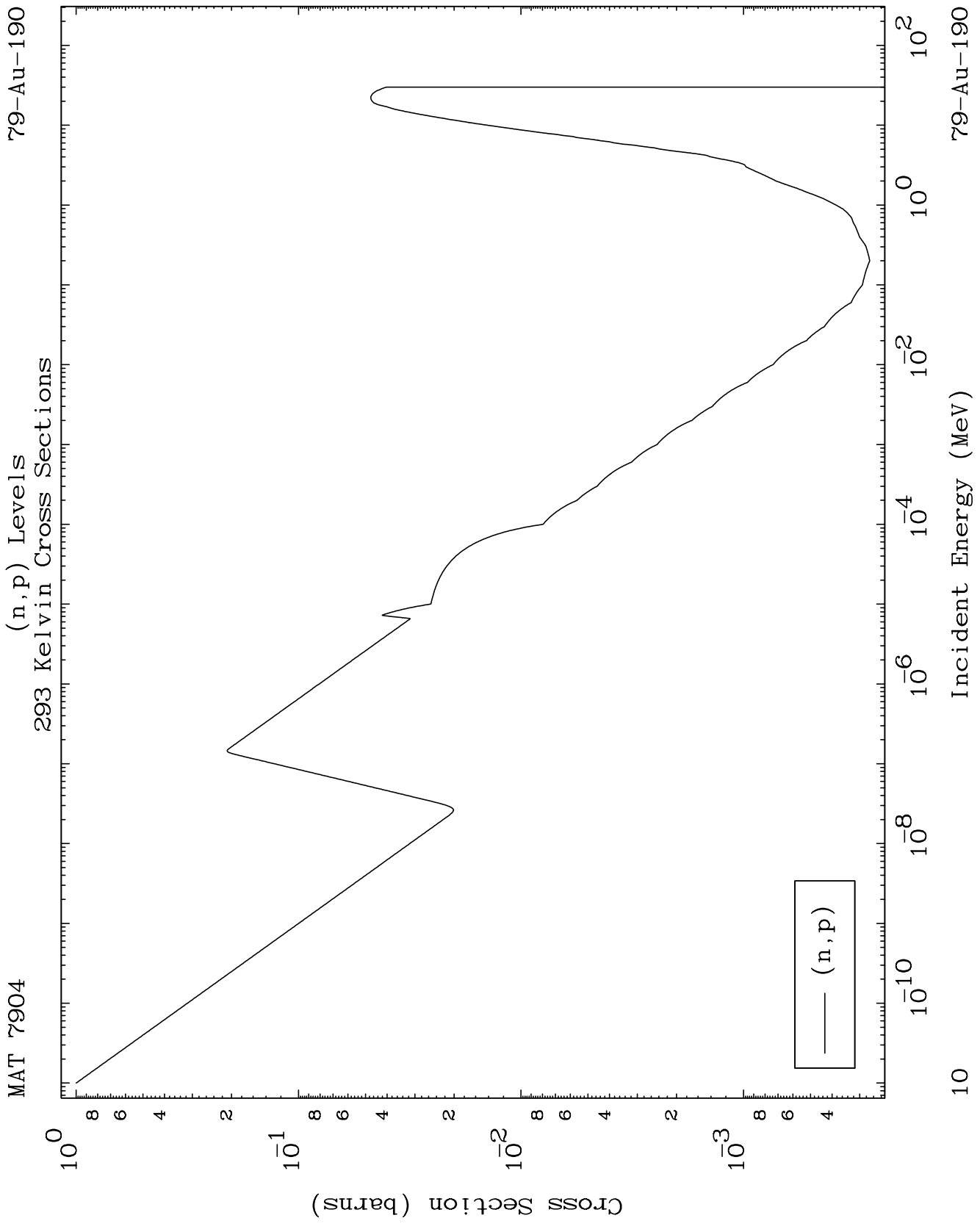
MAT 7904

(n,n') Level

79-Au-190

293 Kelvin Cross Sections

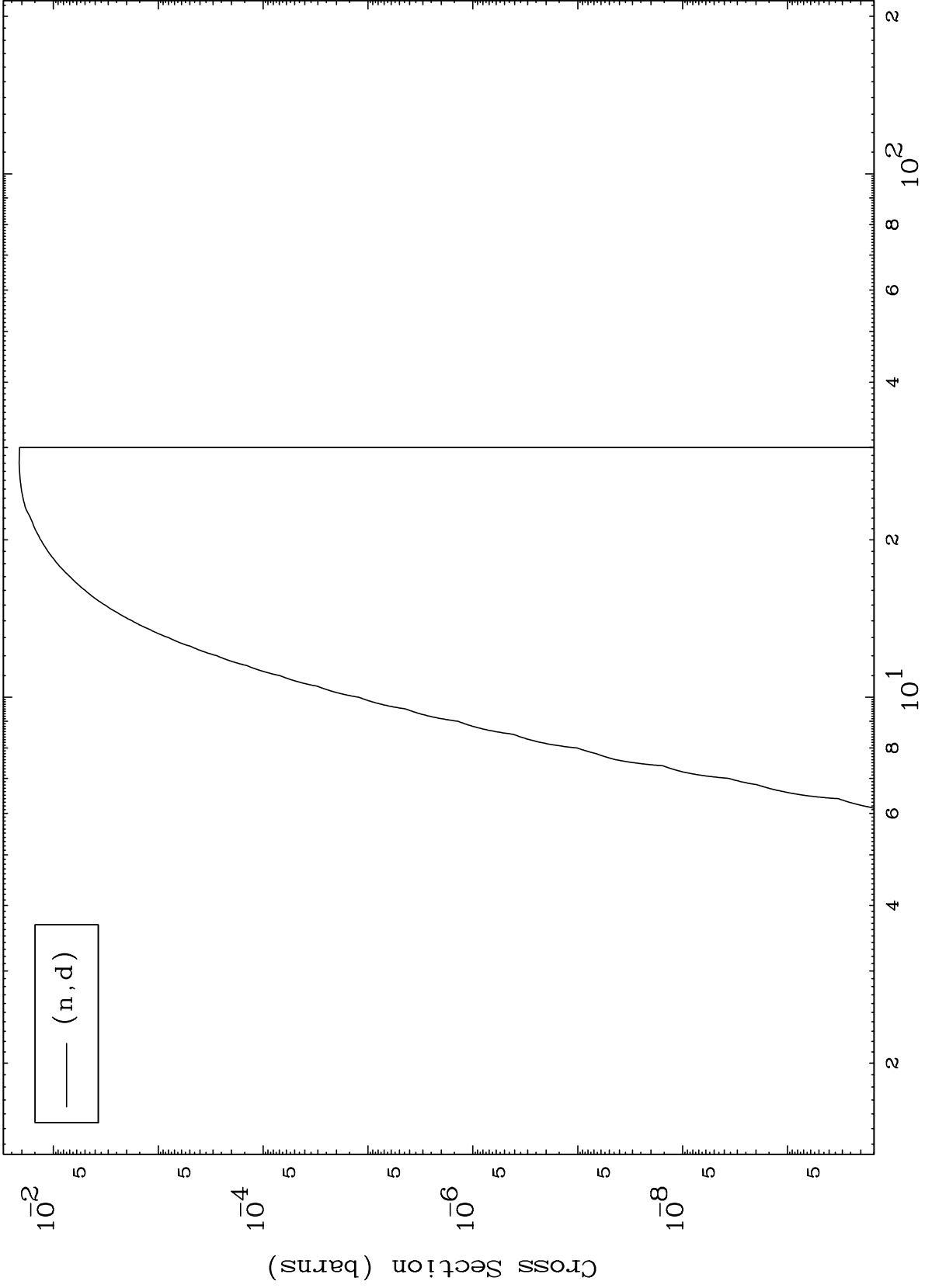




MAT 7904

(n,d) Levels
293 Kelvin Cross Sections

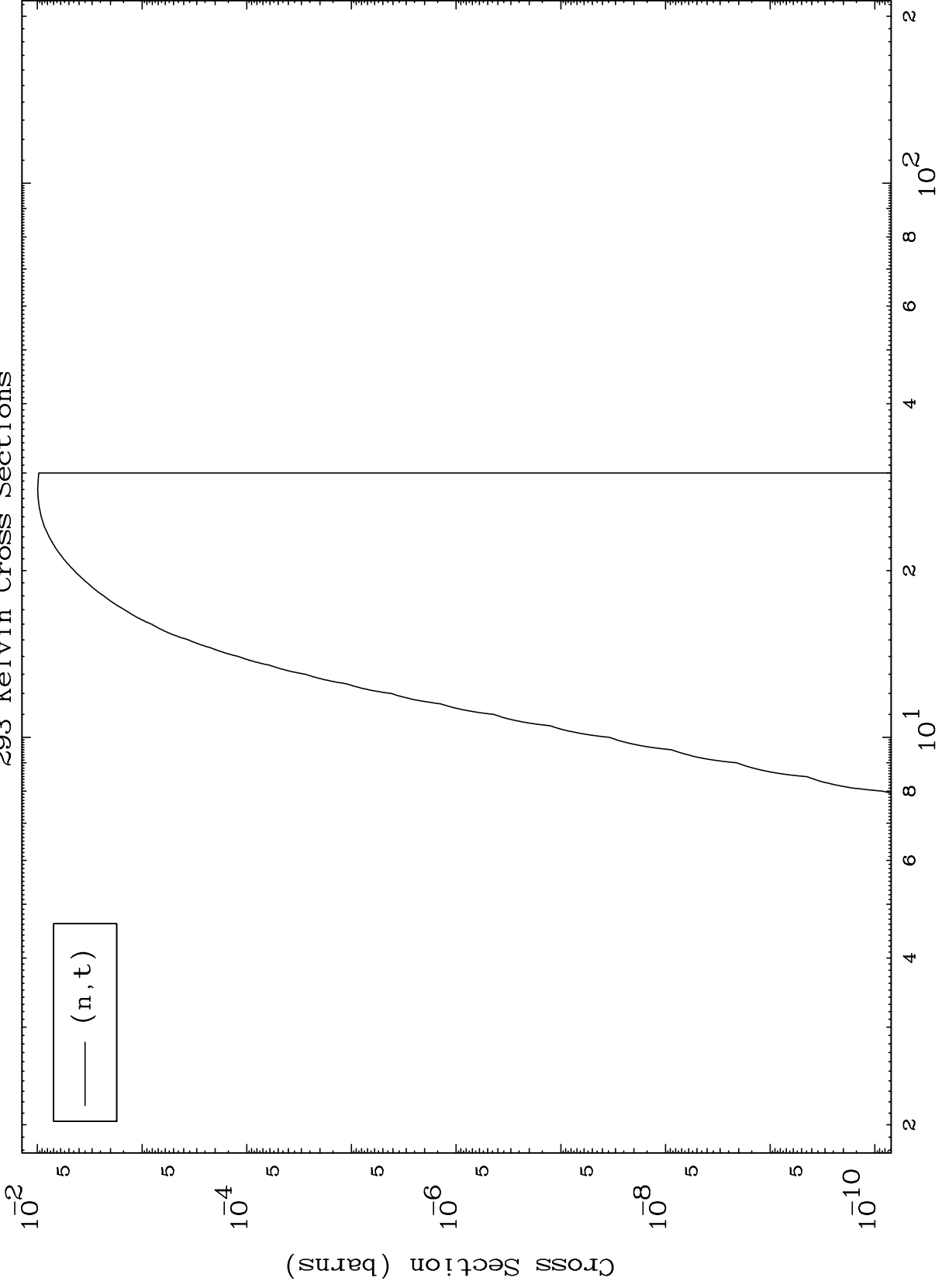
79-Au-190



MAT 7904

(n,t) Levels
293 Kelvin Cross Sections

79-Au-190



12

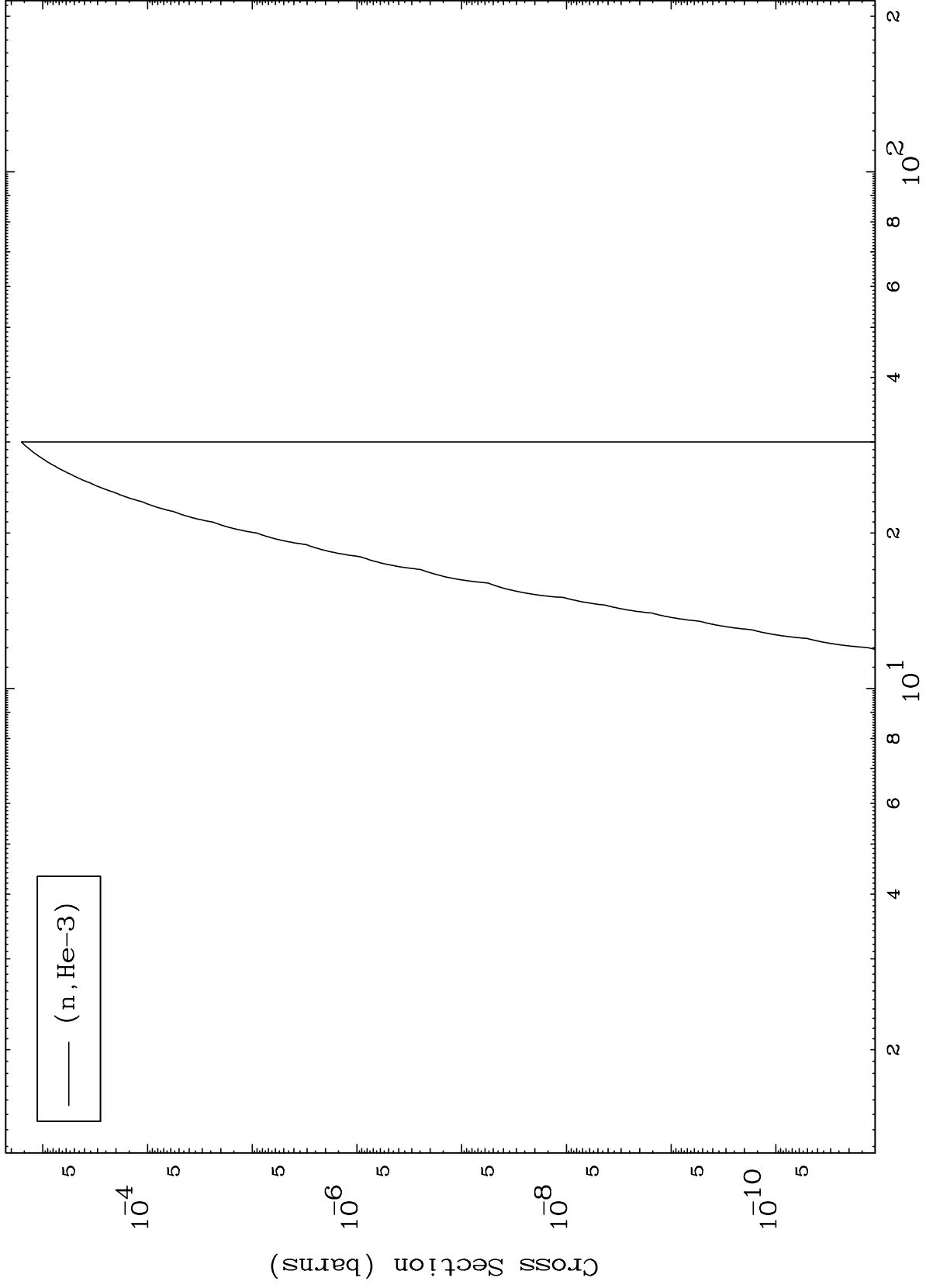
Incident Energy (MeV)

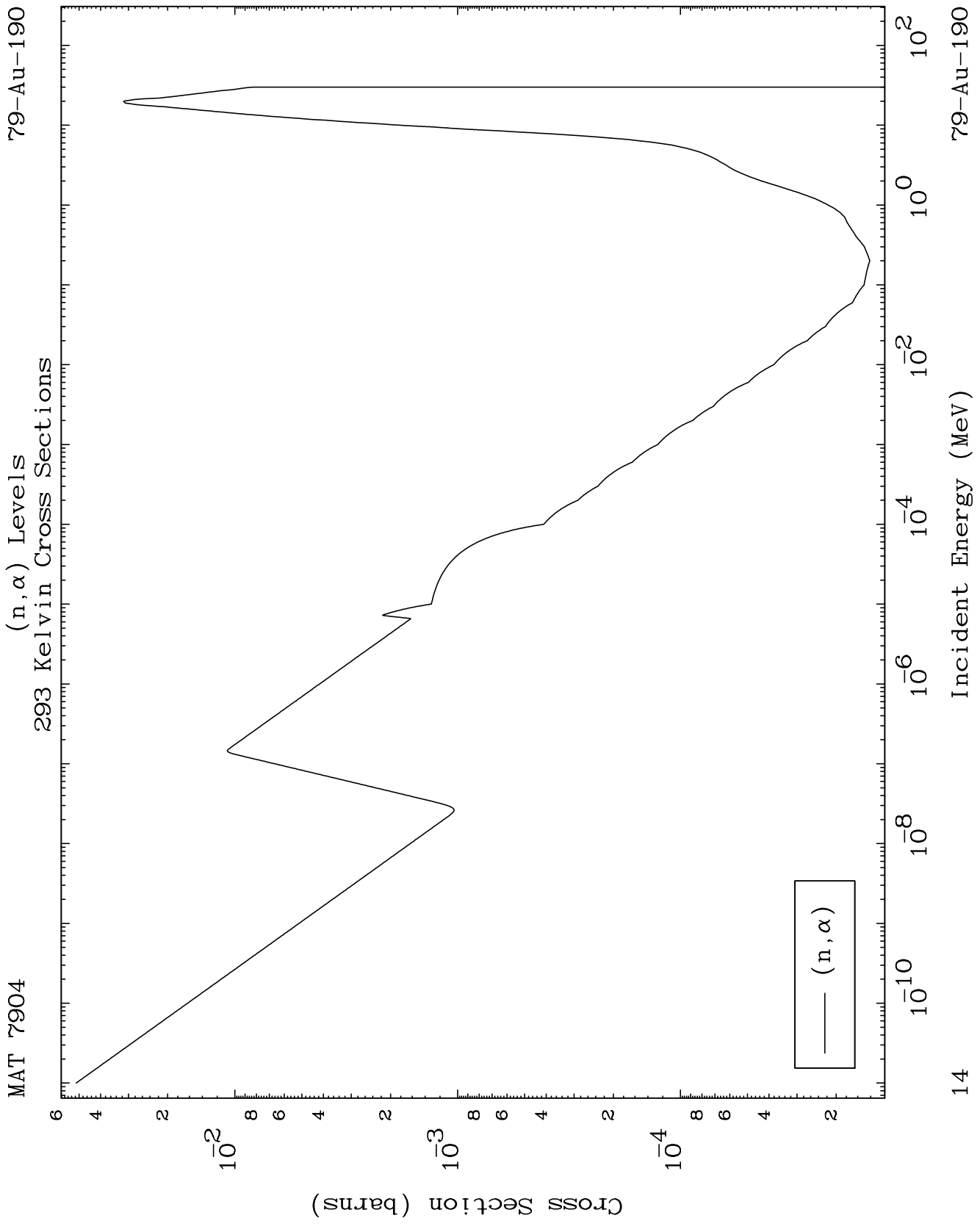
79-Au-190

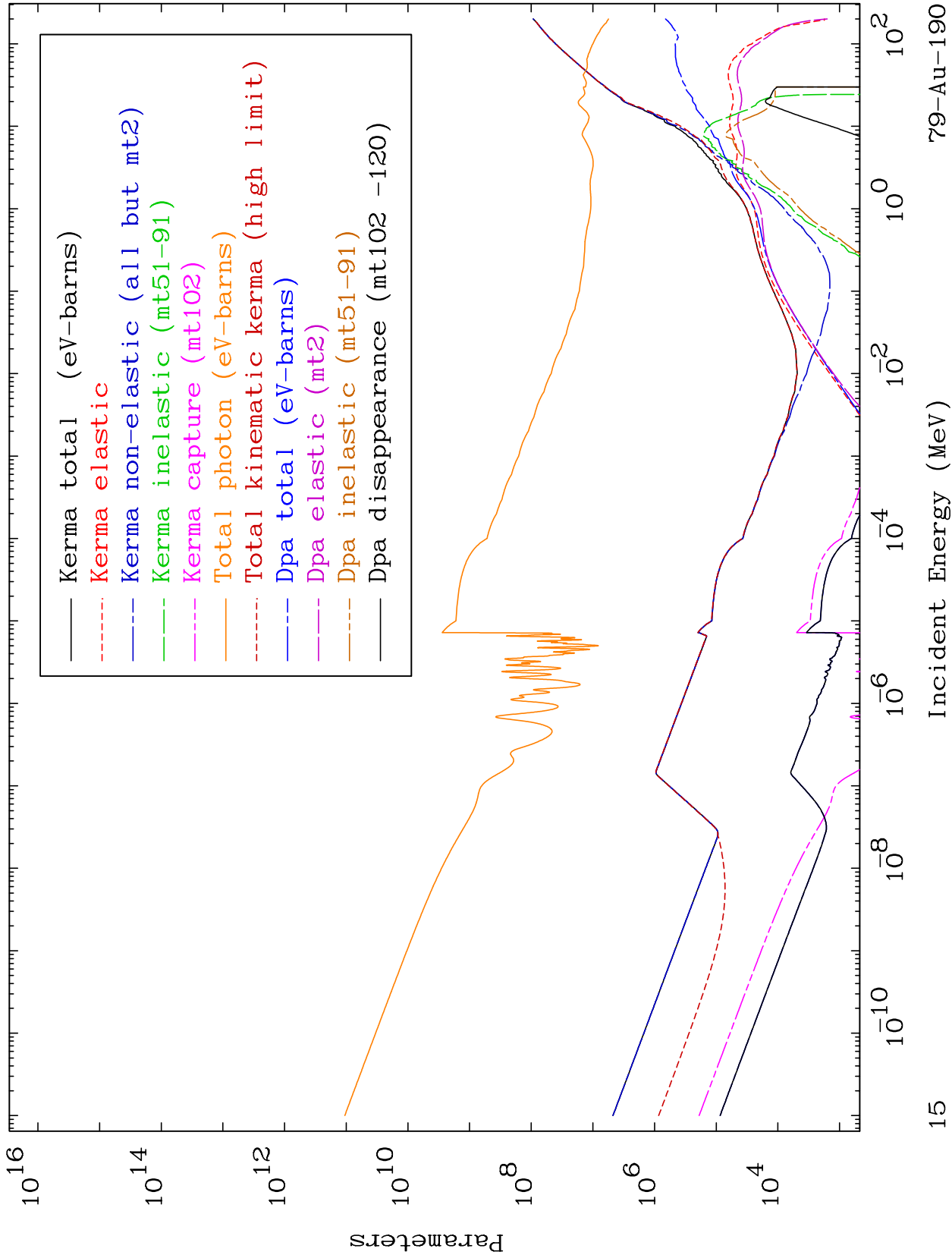
MAT 7904

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-190



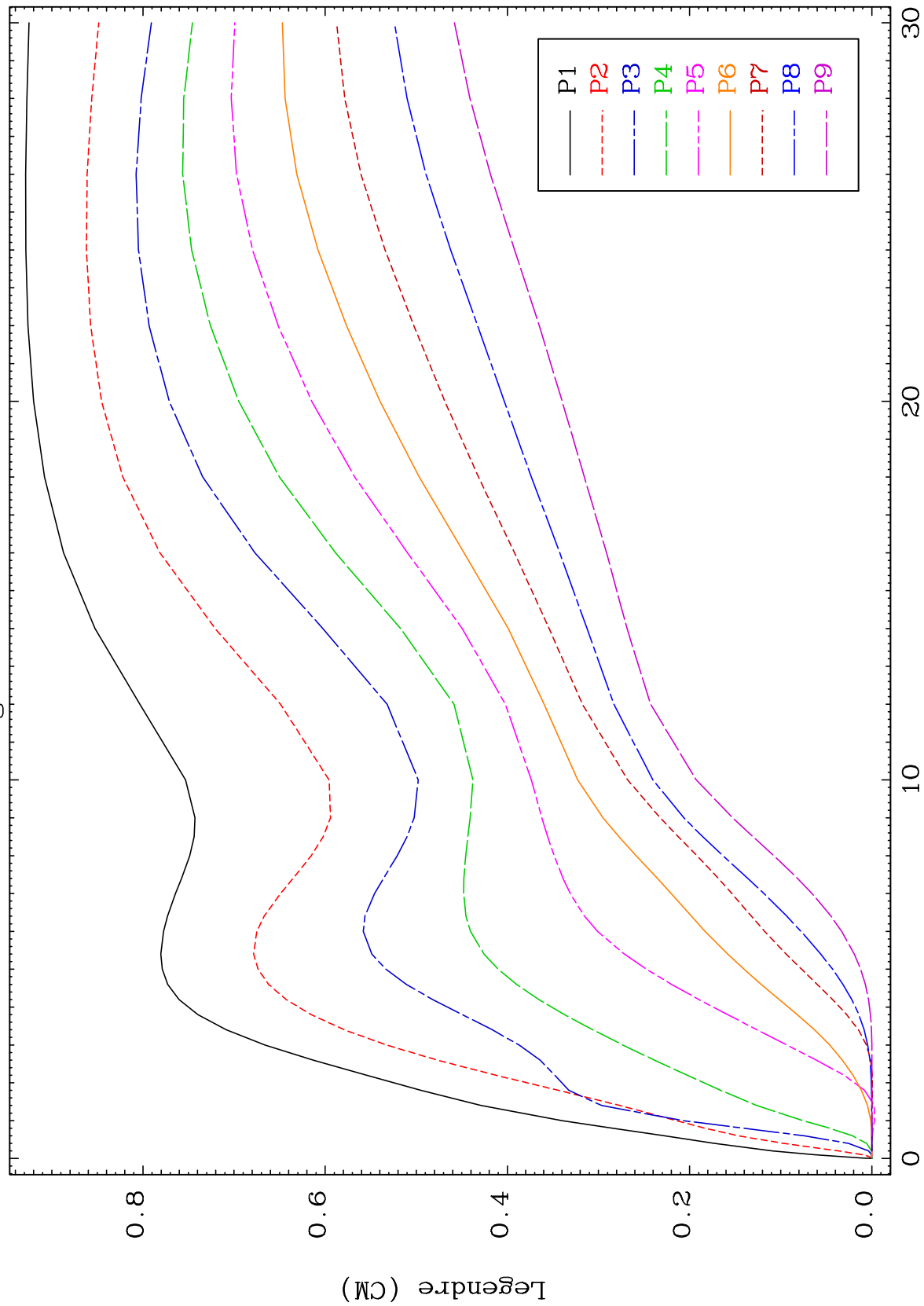




MAT 7904

Elastic Legendre Coefficients

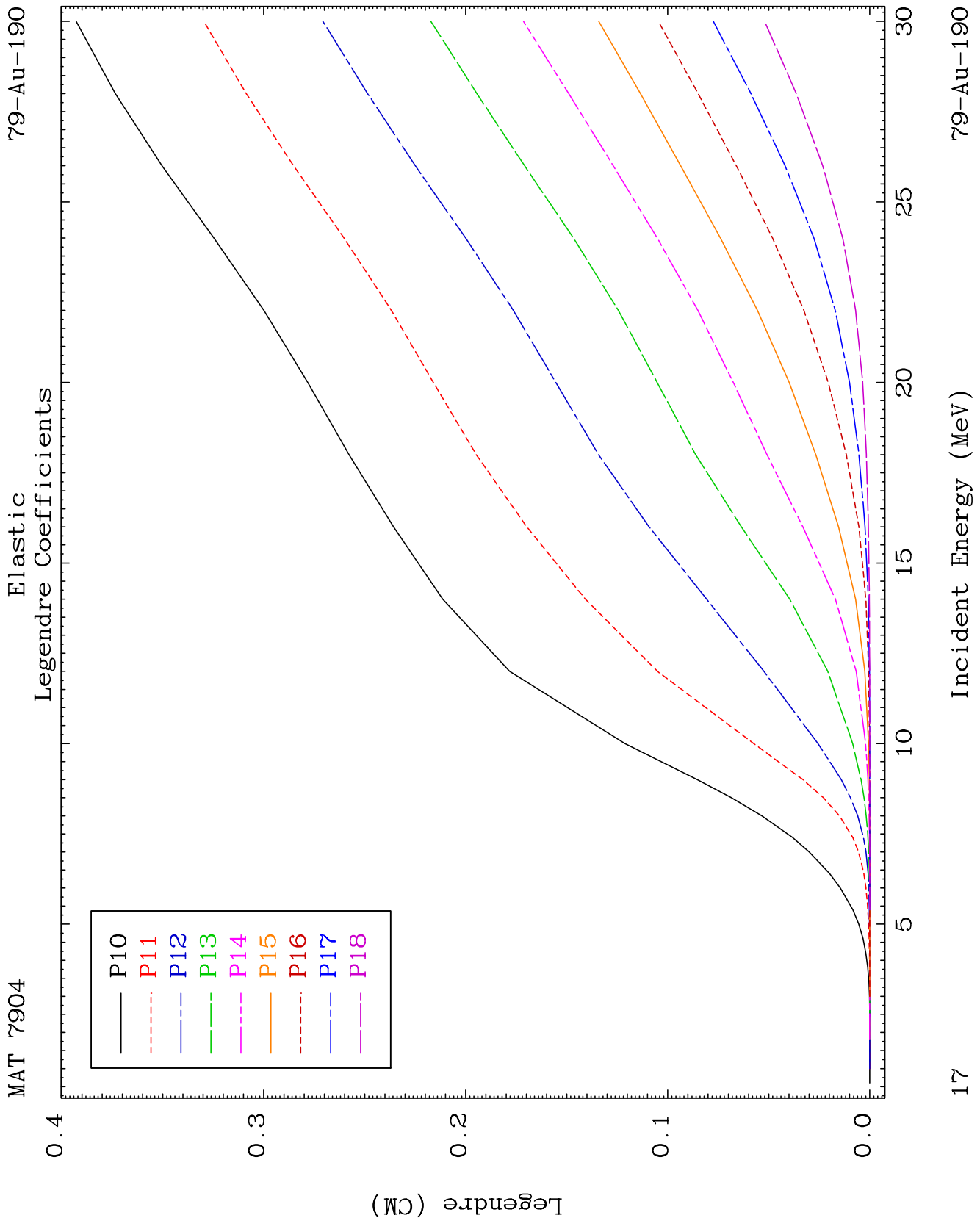
79-Au-190



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Incident Energy (MeV)

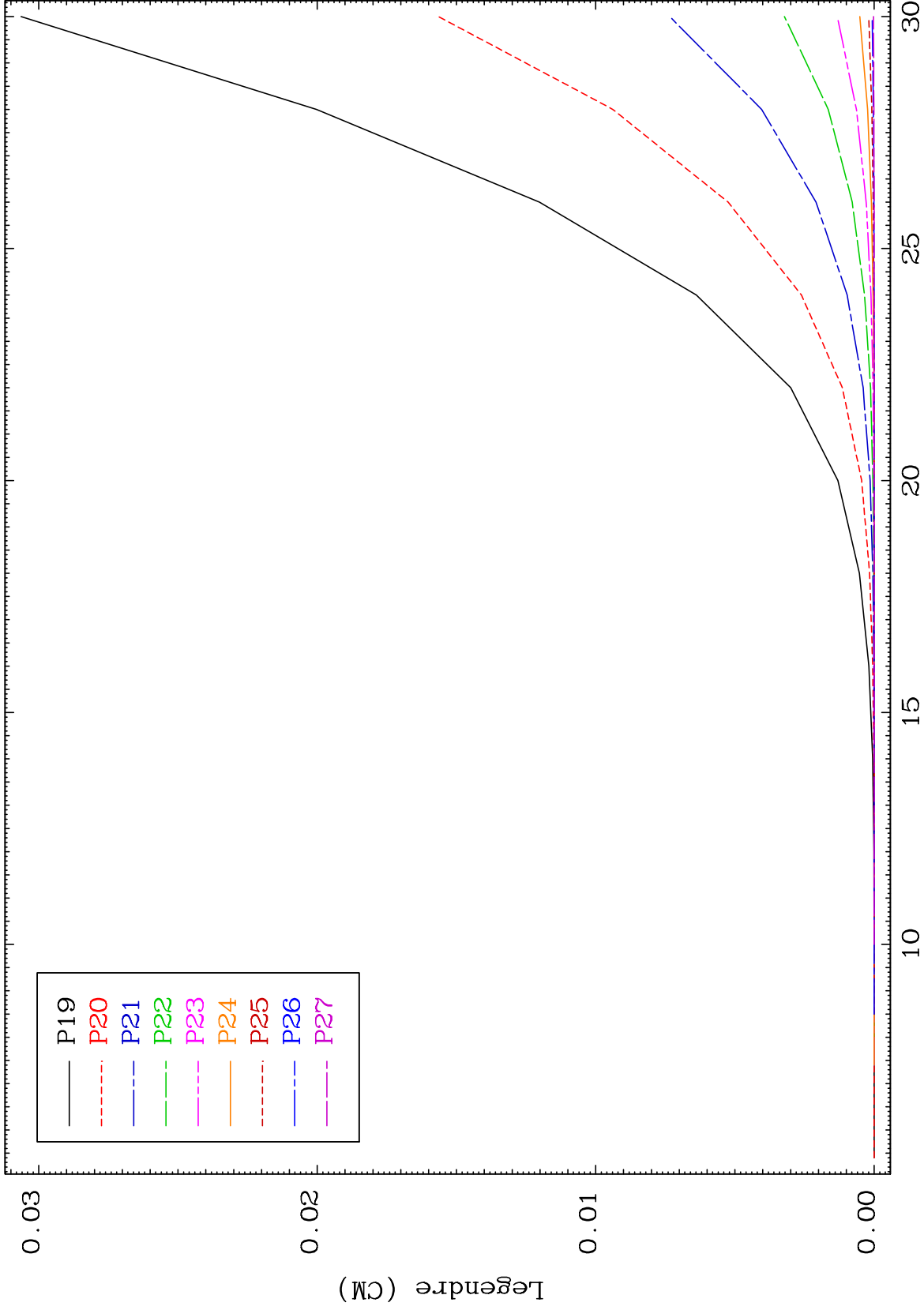
79-Au-190



MAT 7904

Elastic
Legendre Coefficients

79-Au-190



18

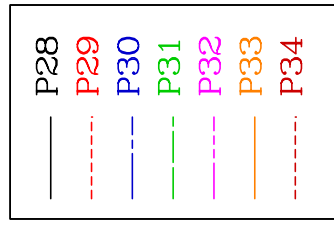
Incident Energy (MeV)

79-Au-190

MAT 7904

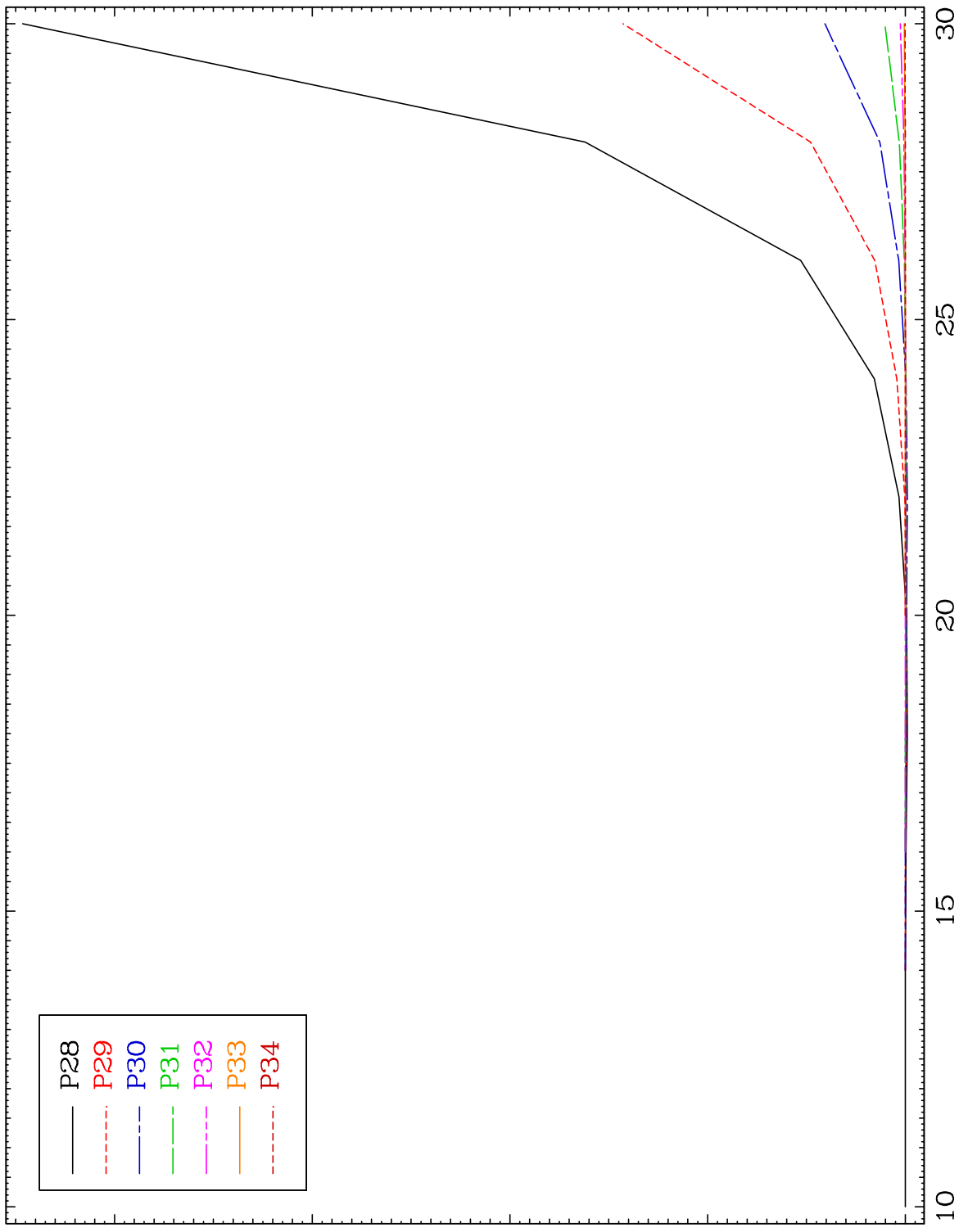
Elastic
Legendre Coefficients

79-Au-190



$\times 10^{-6}$

Legendre (CM)



10

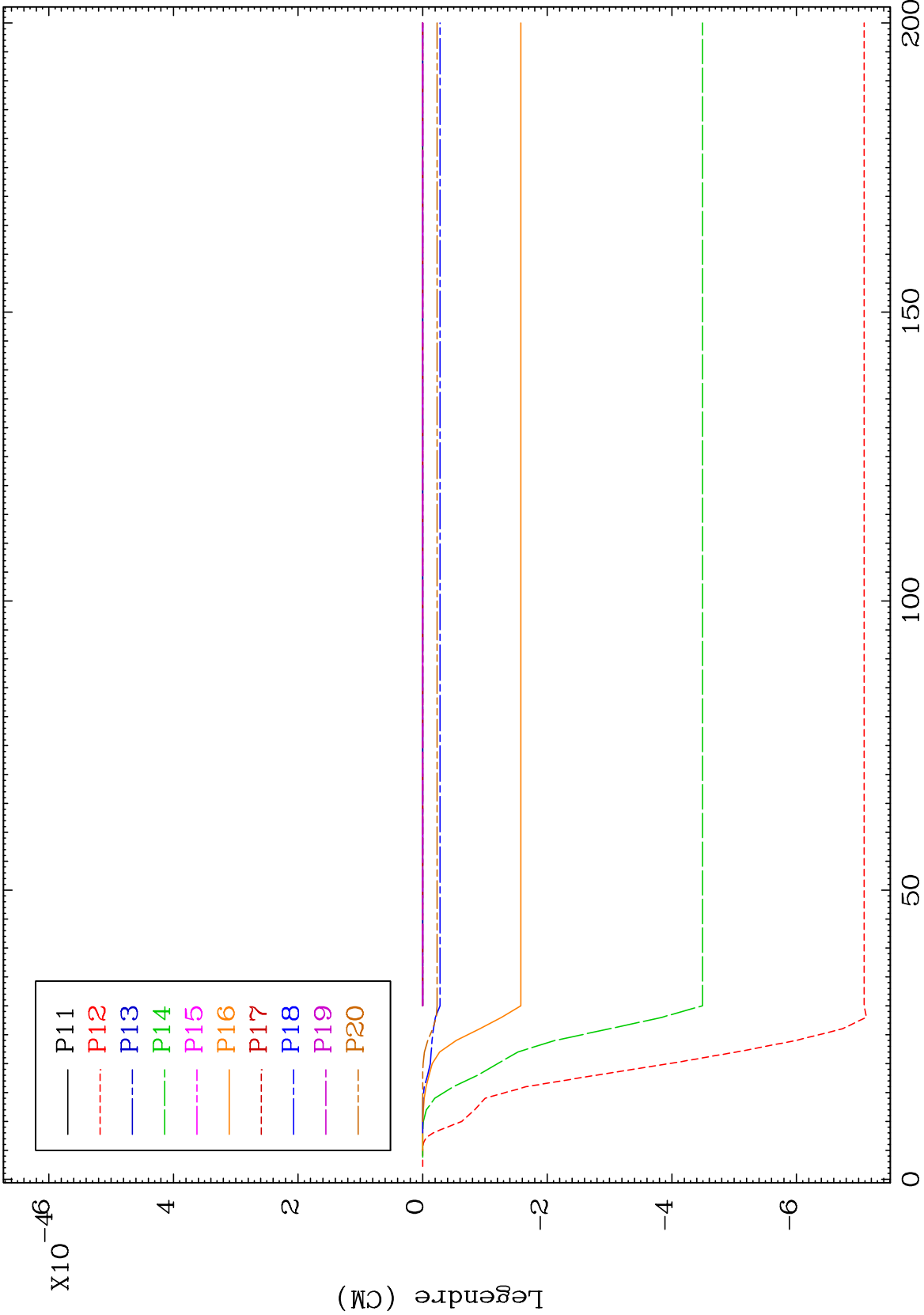
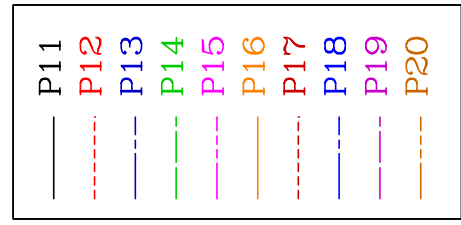
Incident Energy (MeV)

79-Au-190

MAT 7904

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

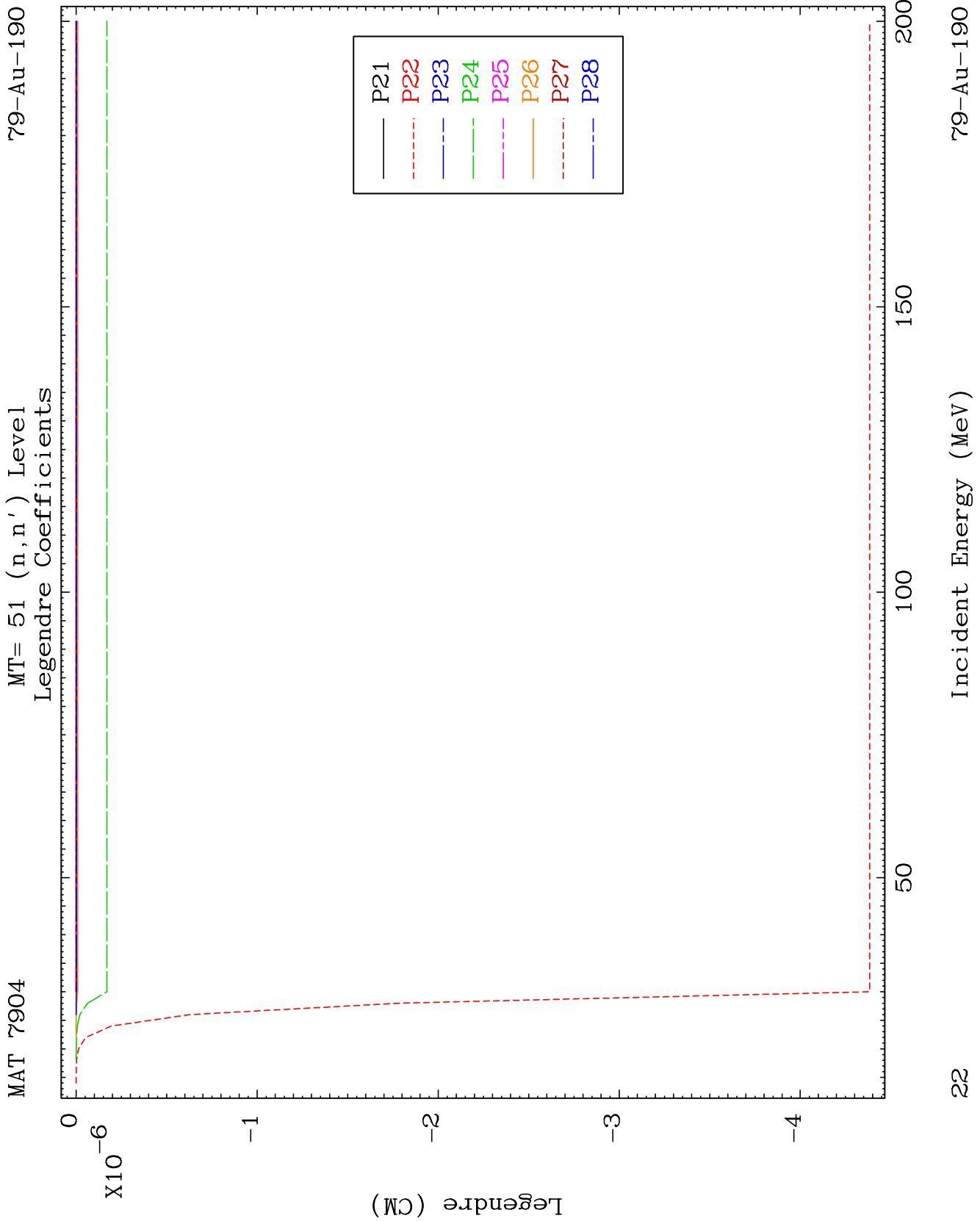
79-Au-190

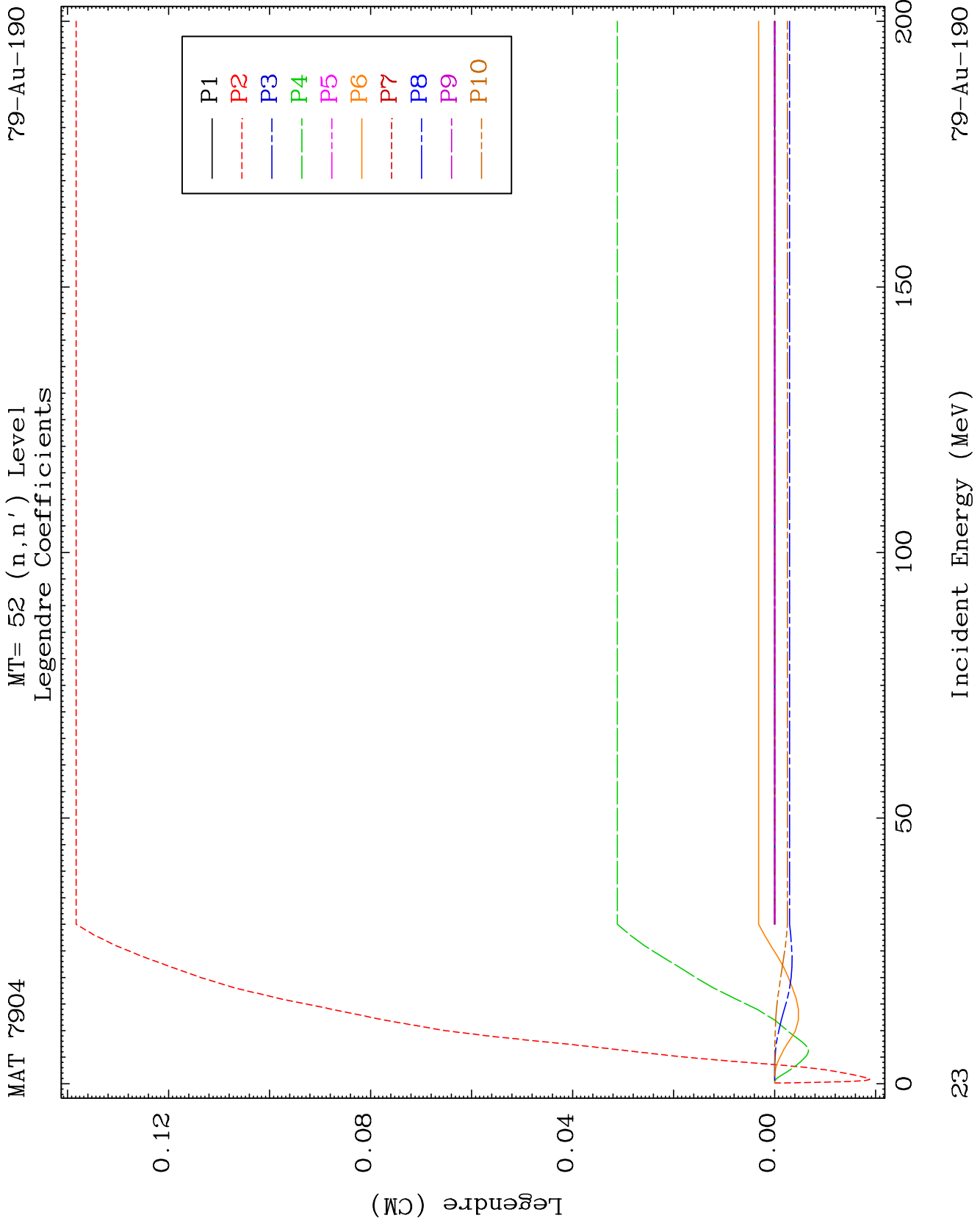


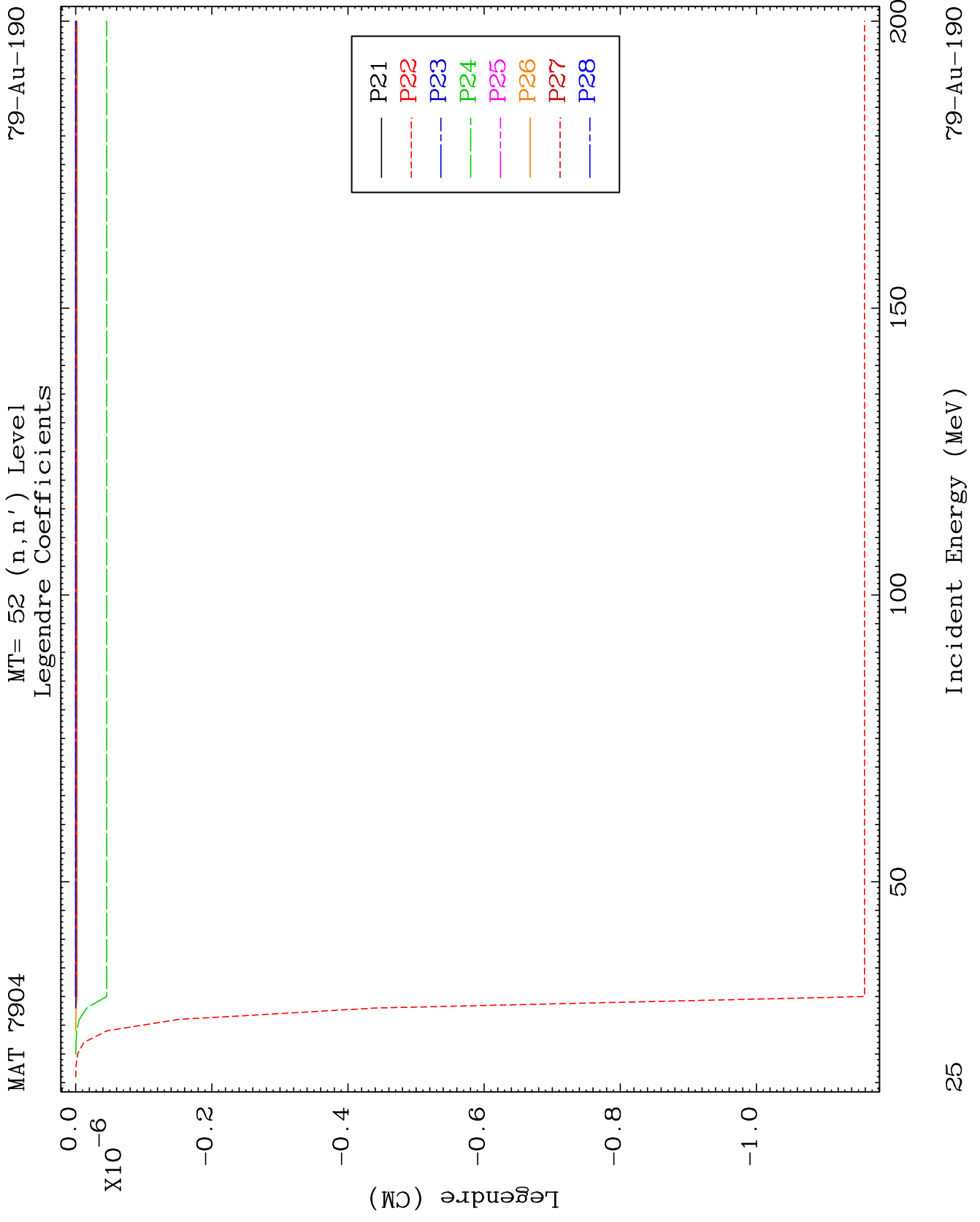
21

Incident Energy (MeV)

79-Au-190



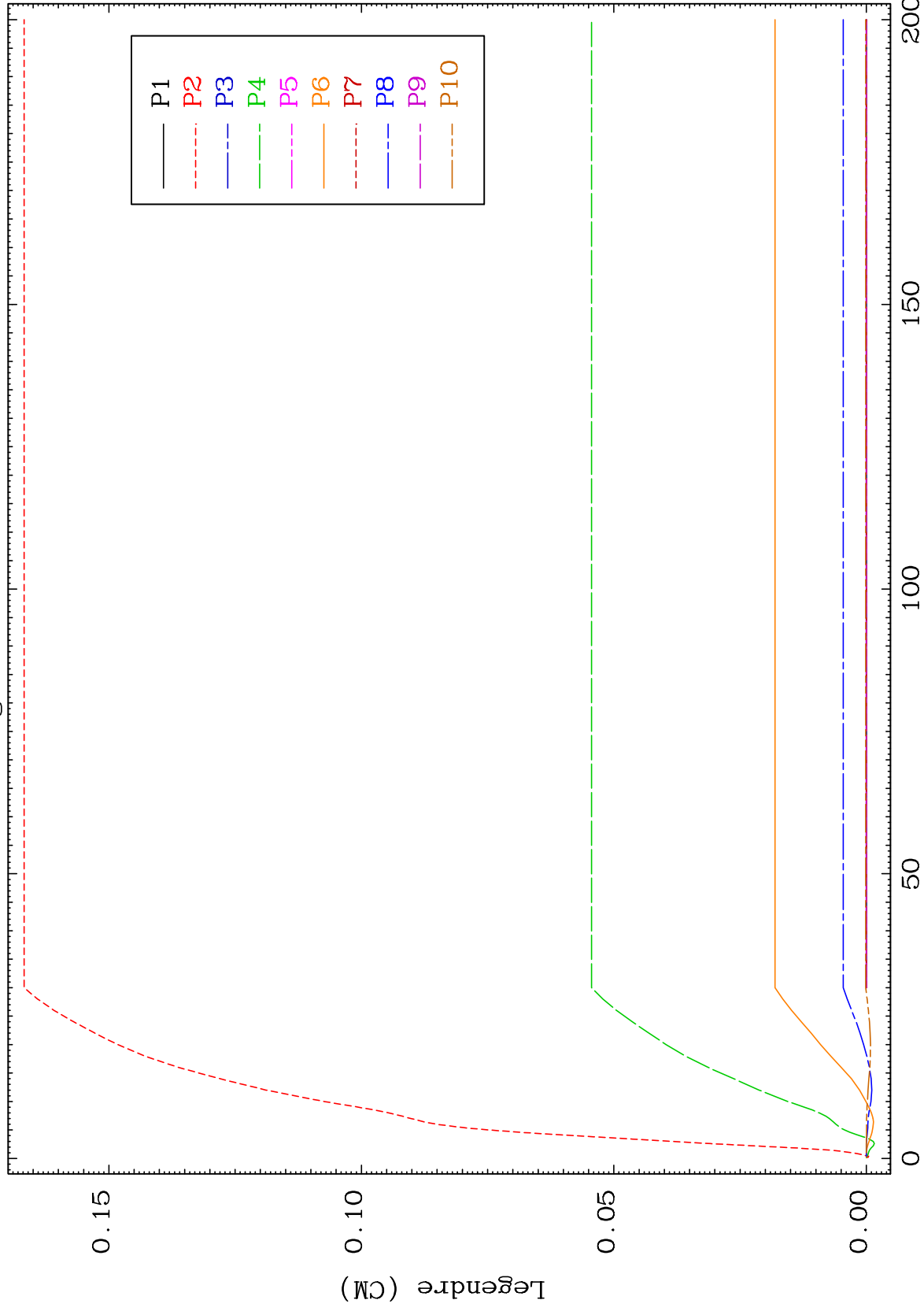




MAT 7904

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

79-Au-190



26

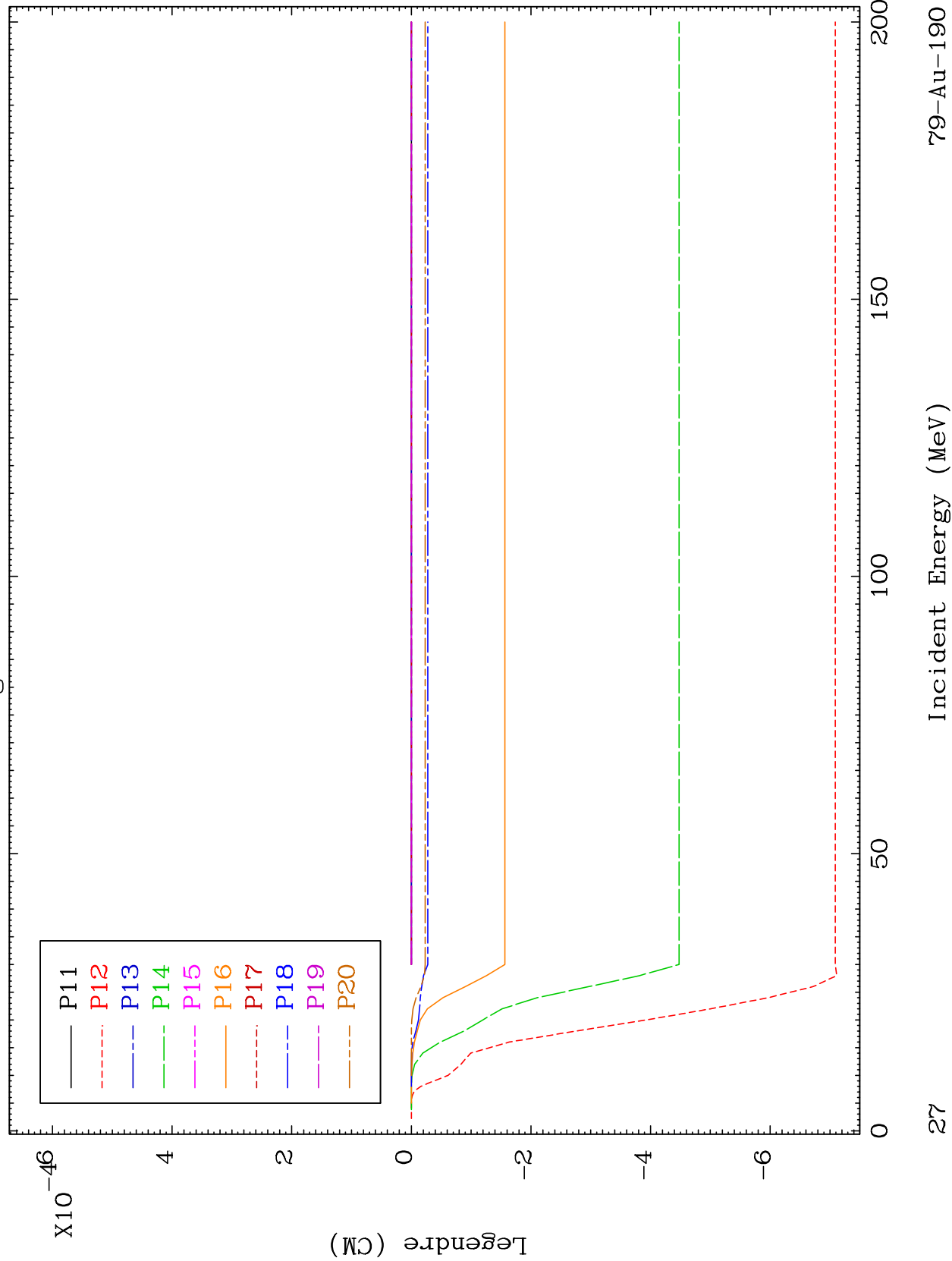
Incident Energy (MeV)

79-Au-190

MAT 7904

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

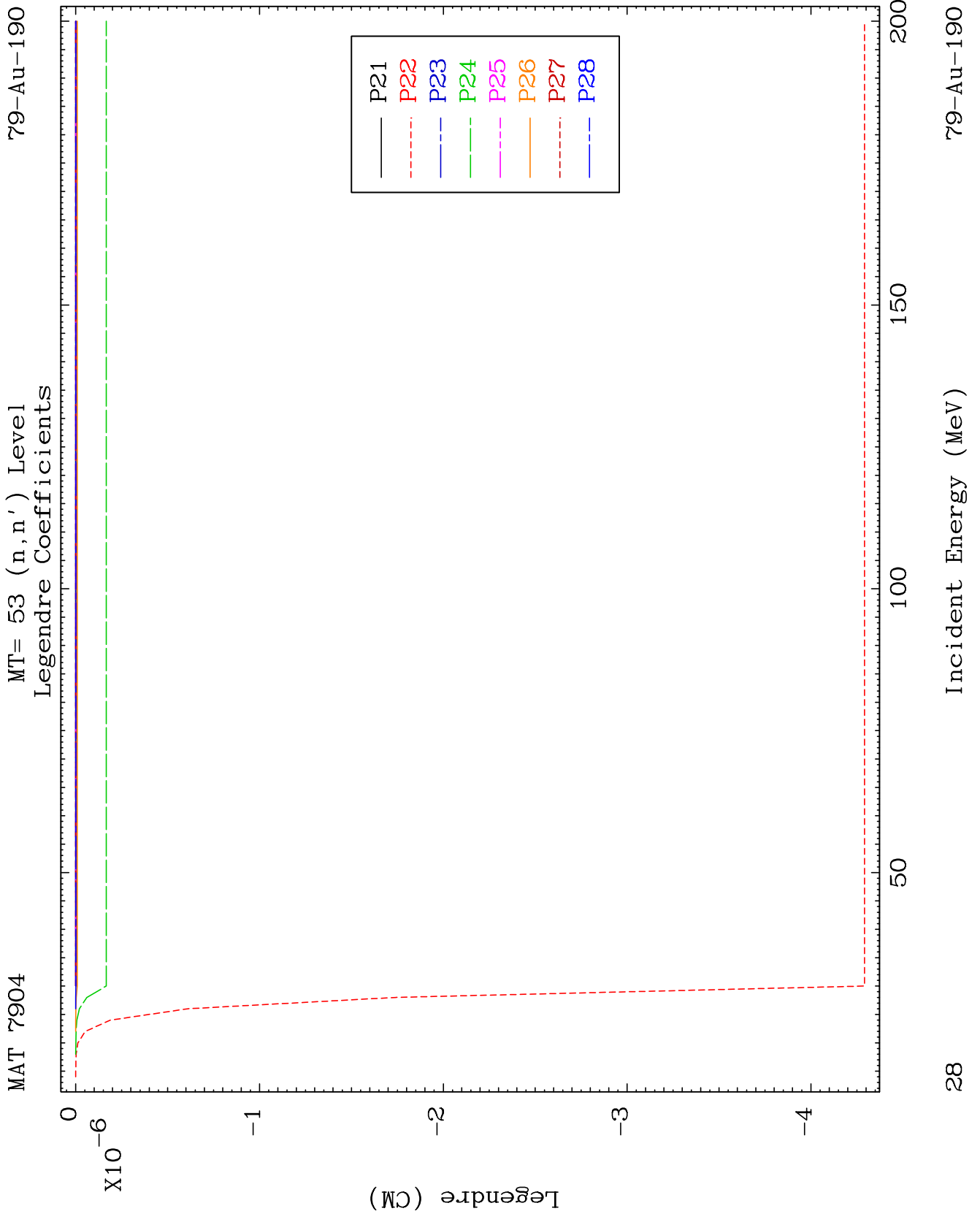
79-Au-190

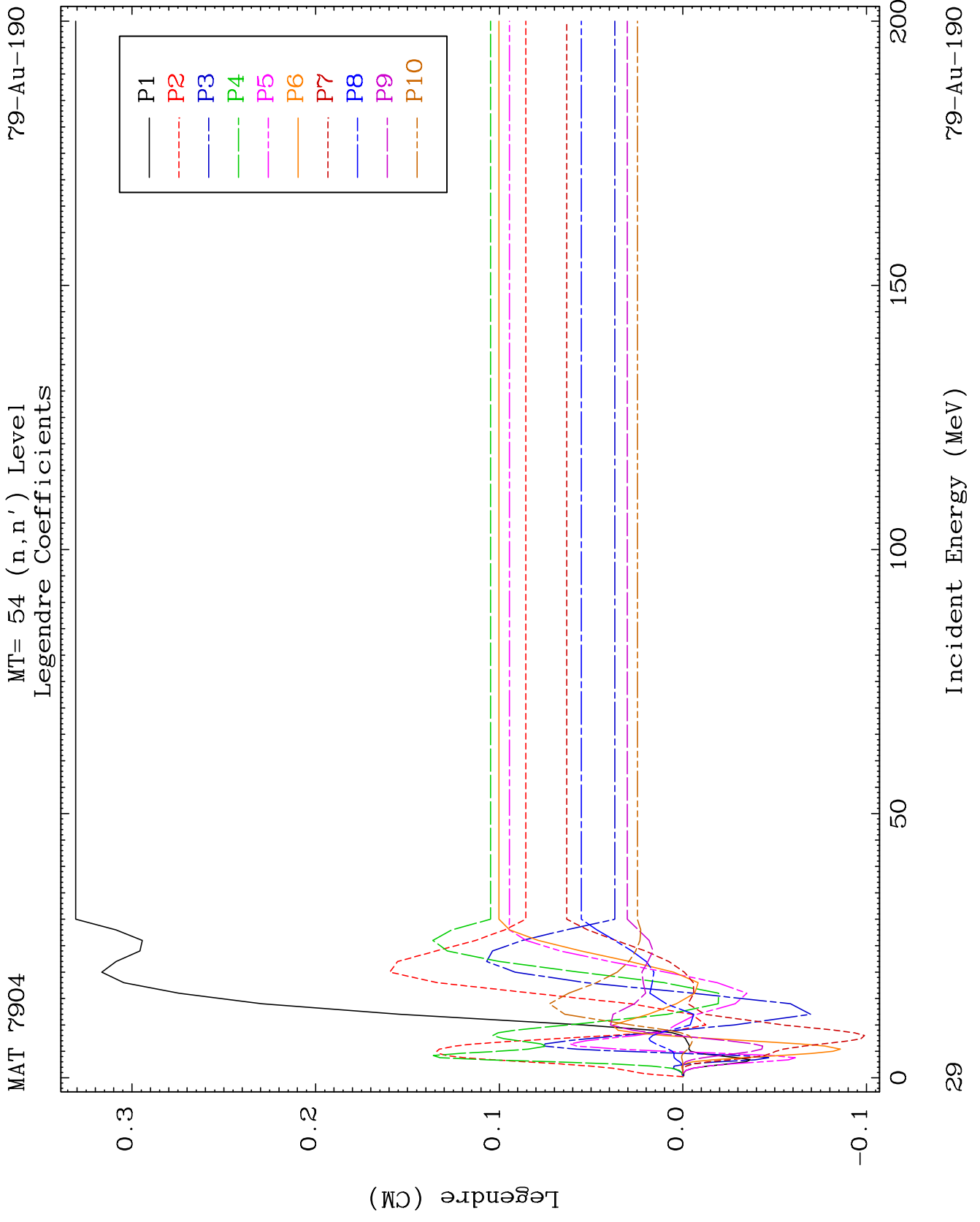


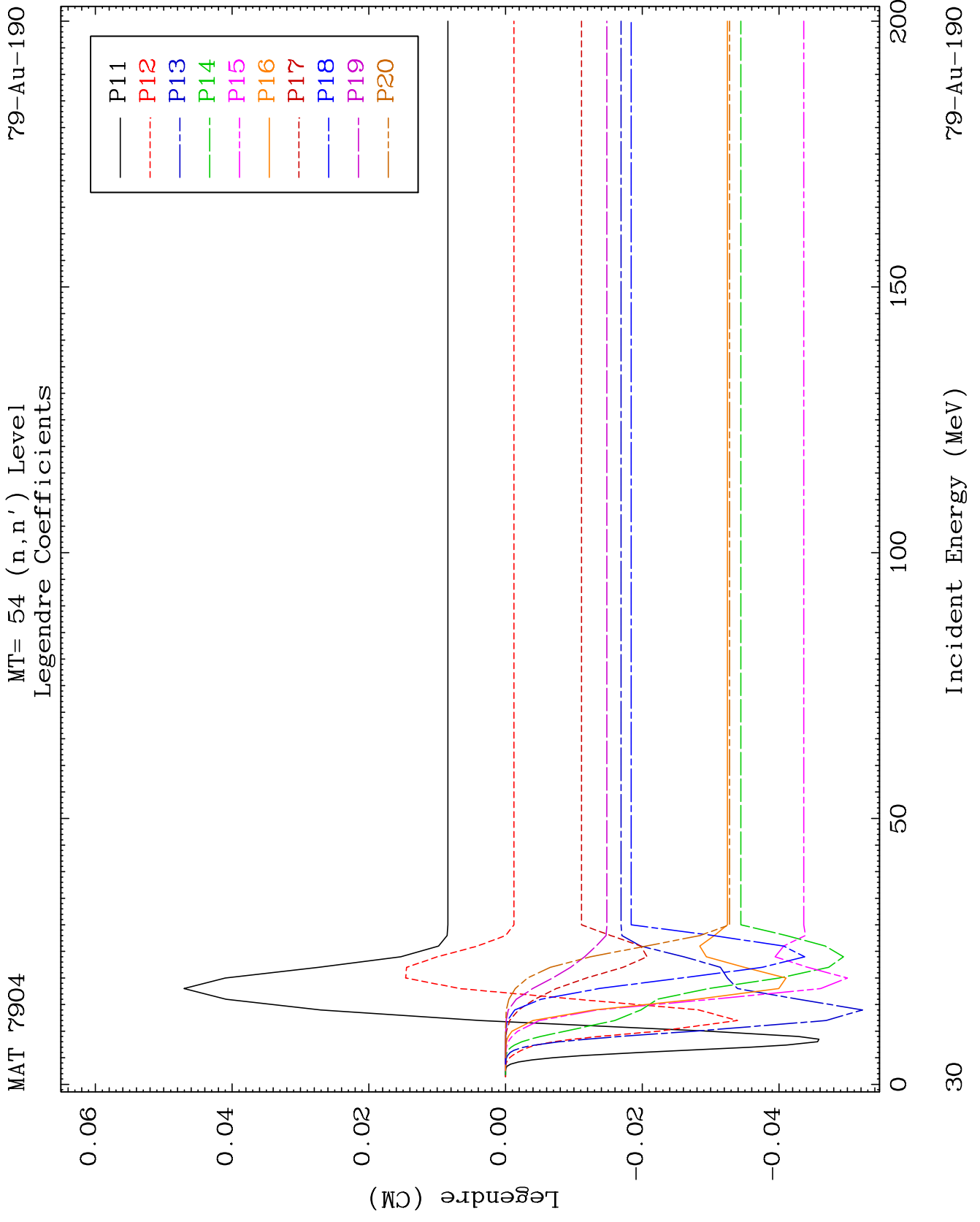
27

Incident Energy (MeV)

79-Au-190



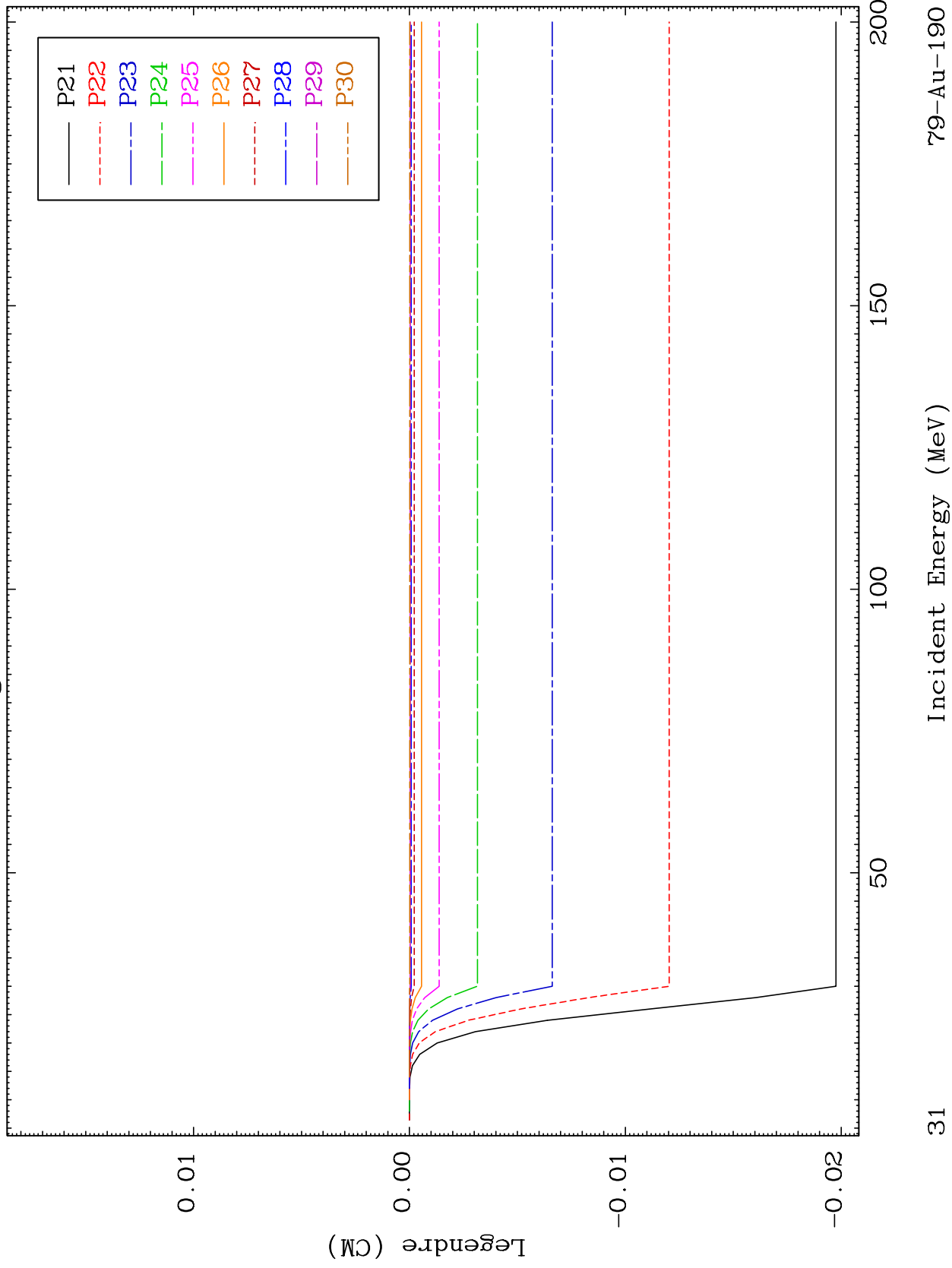




MAT 7904

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

79-Au-190



31

Incident Energy (MeV)

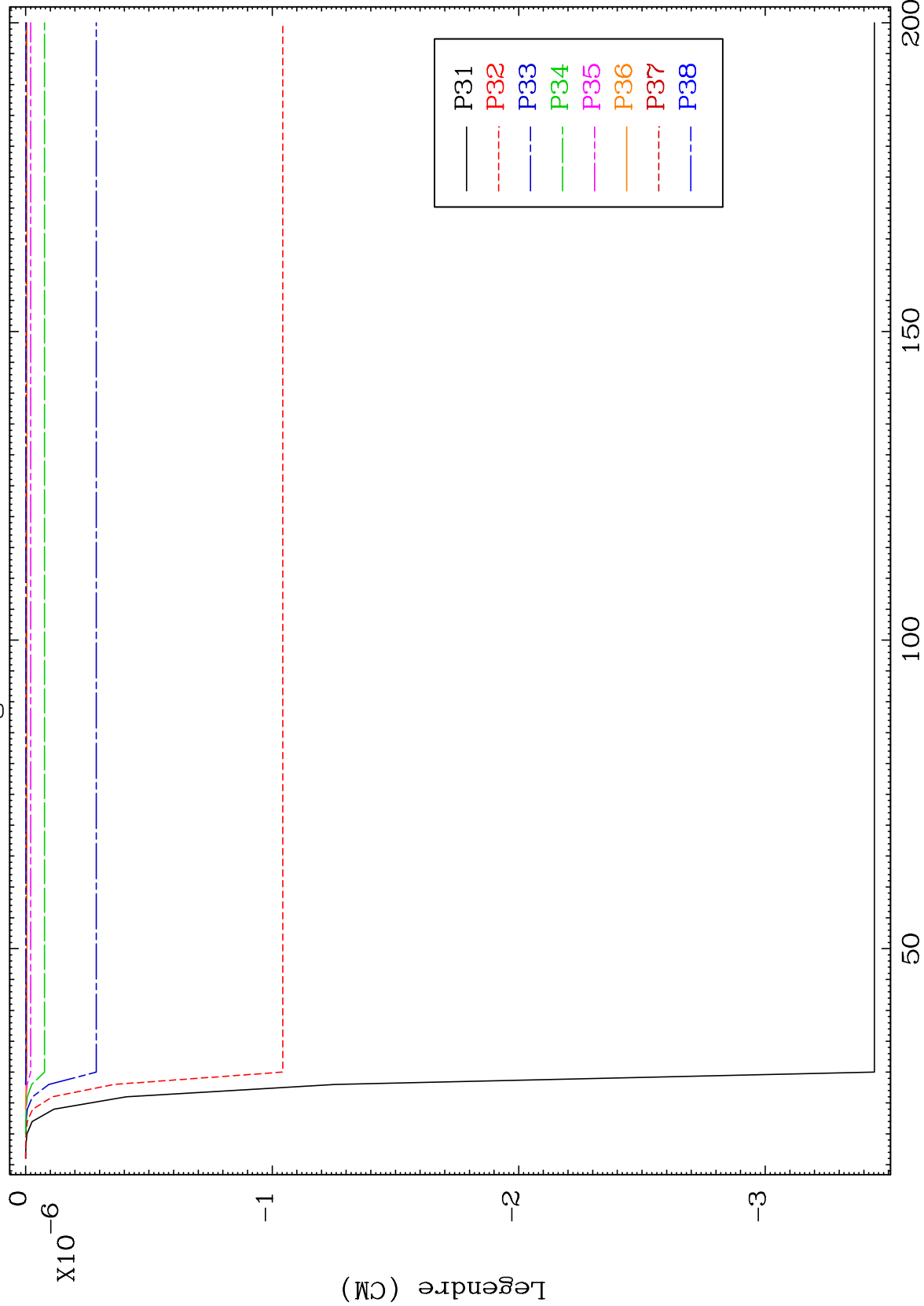
79-Au-190

MAT 7904

MT= 54 (n,n') Level

79-Au-190

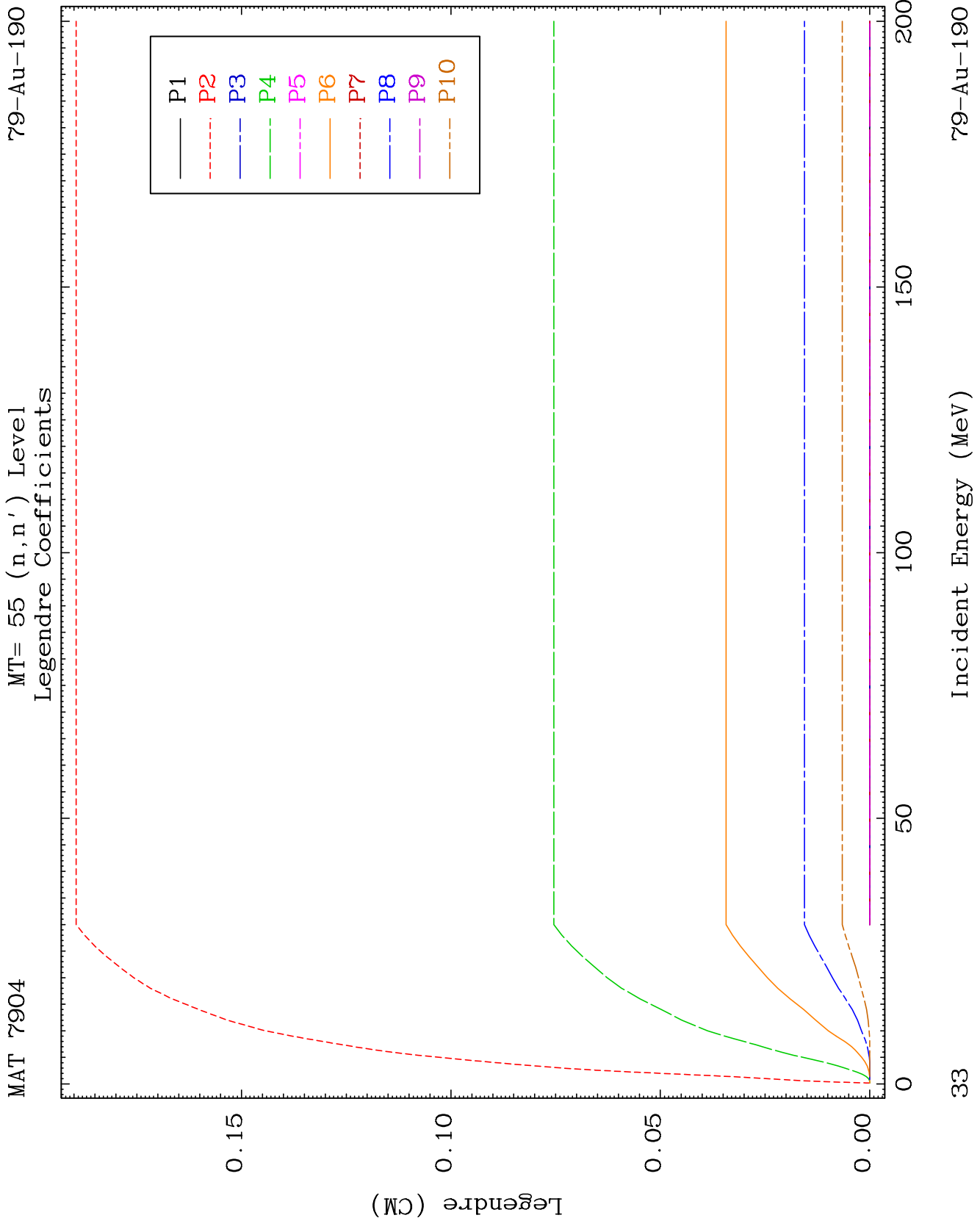
Legendre Coefficients



32

Incident Energy (MeV)

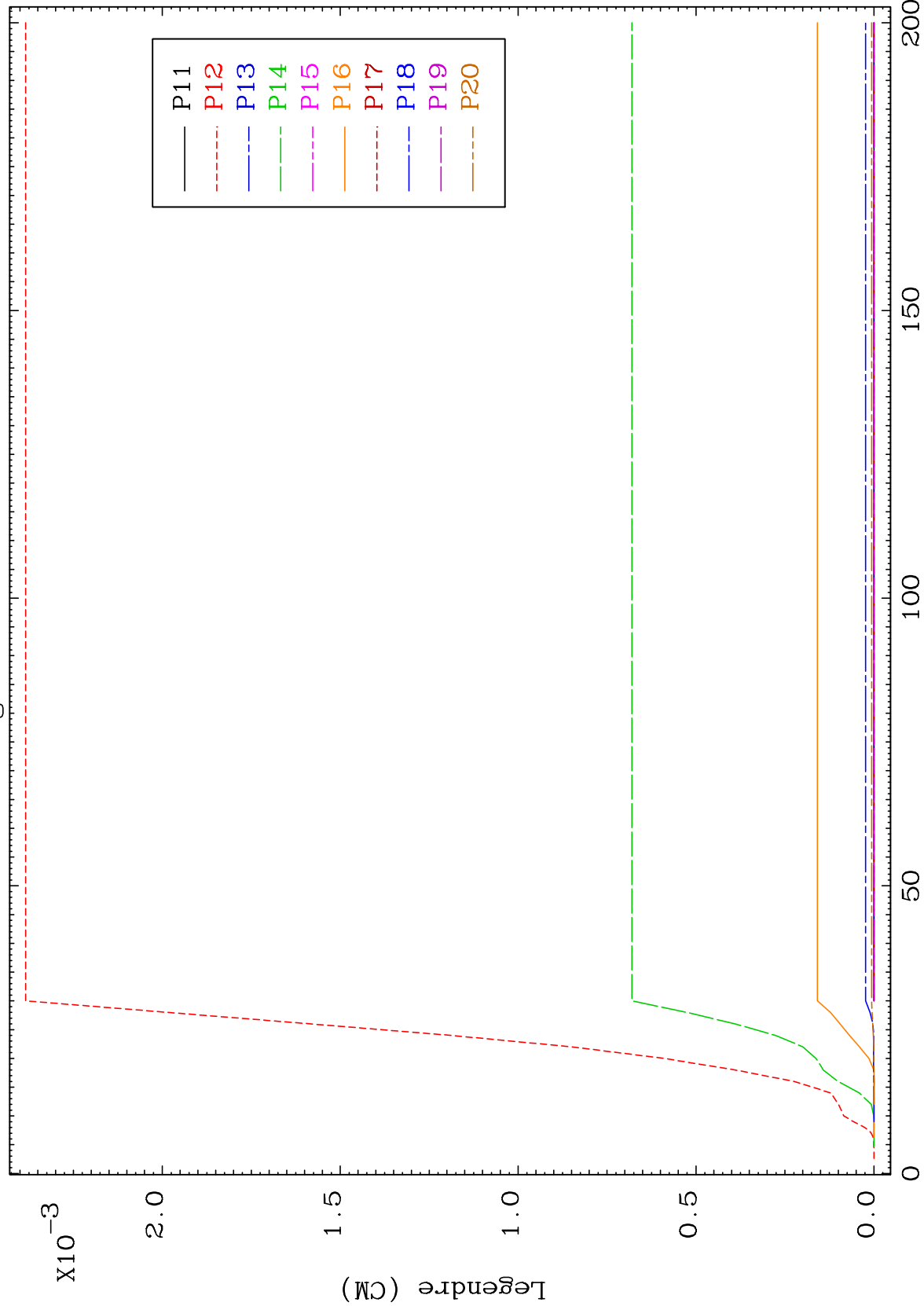
79-Au-190



MAT 7904

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

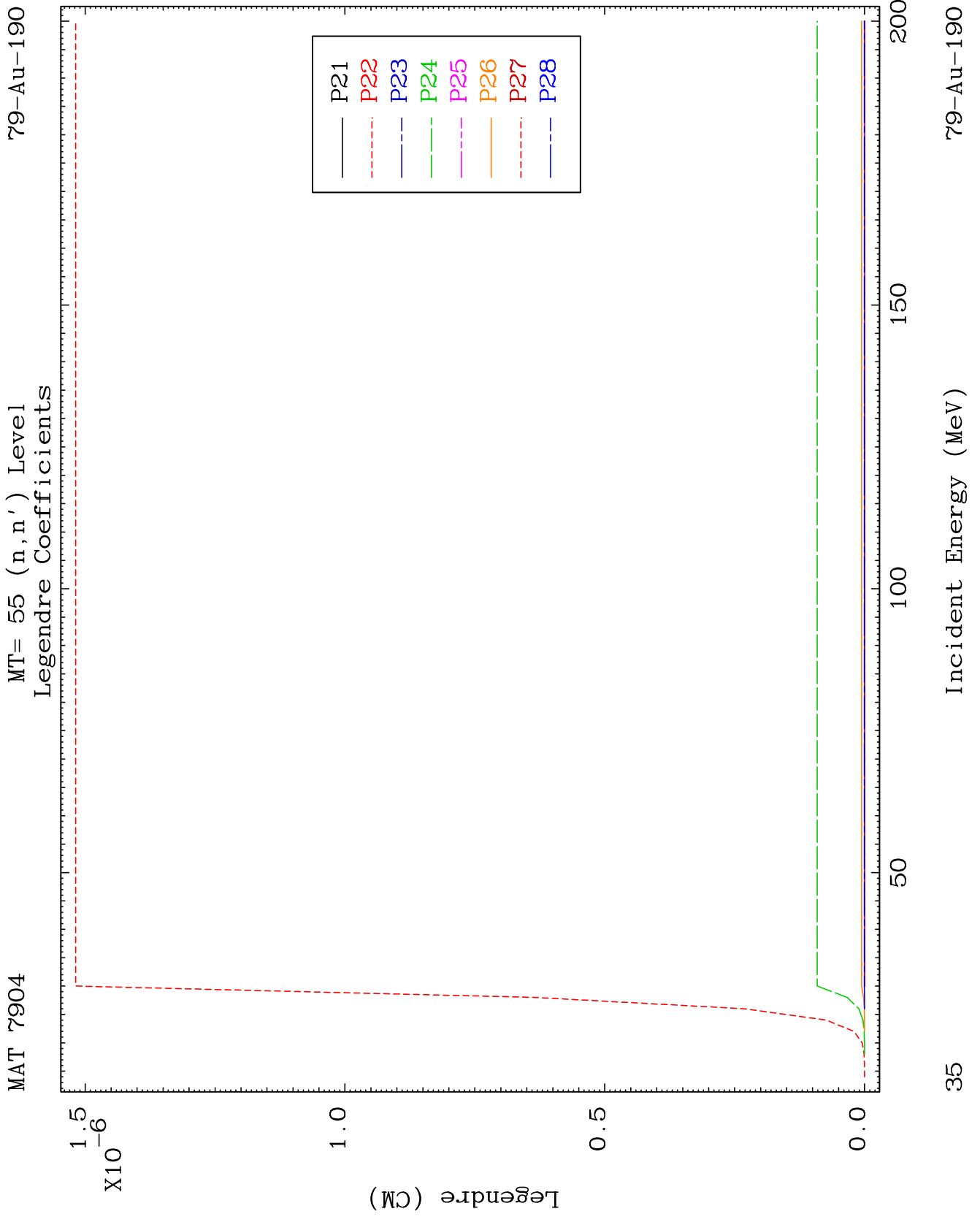
79-Au-190



34

Incident Energy (MeV)

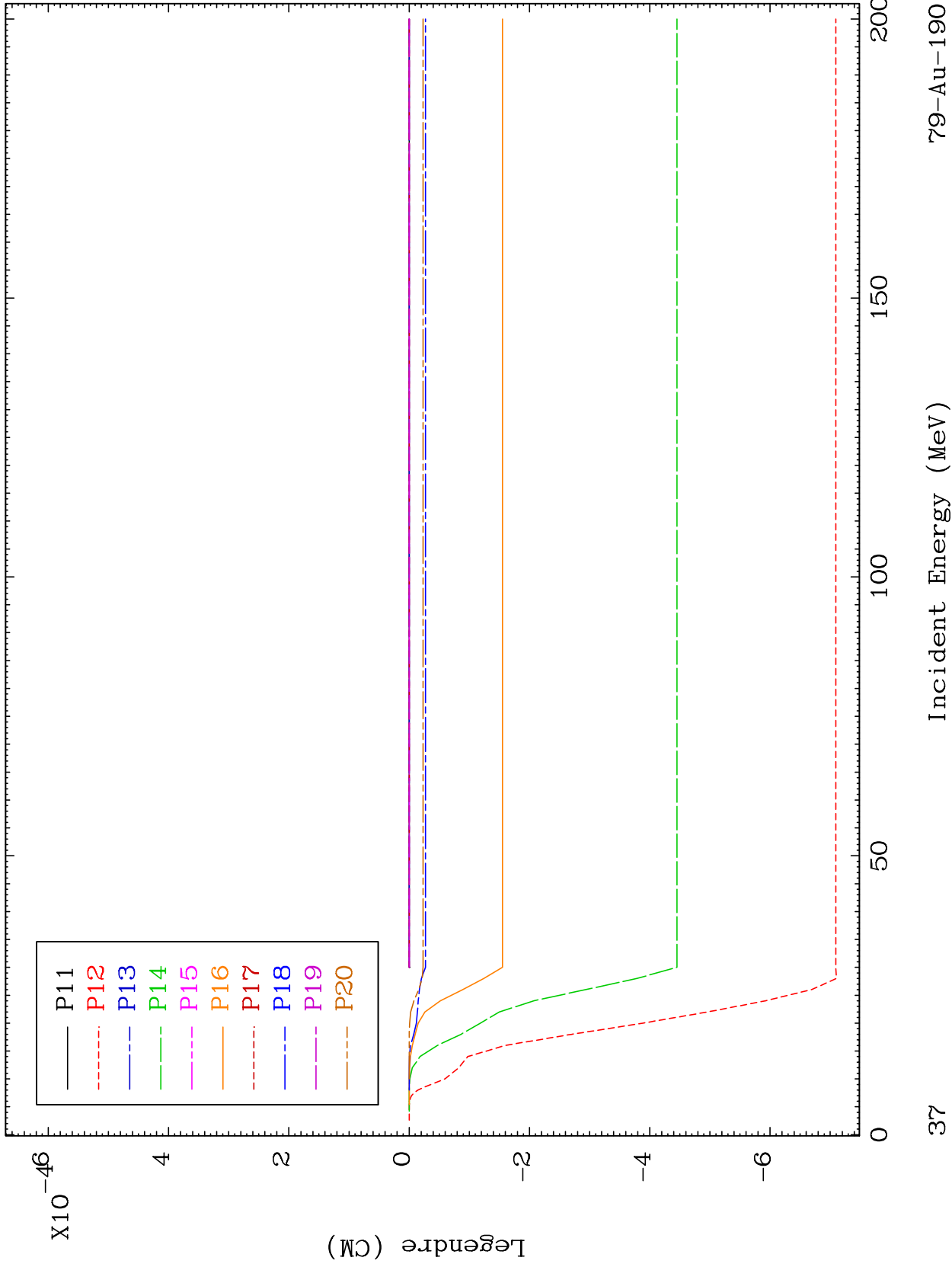
79-Au-190

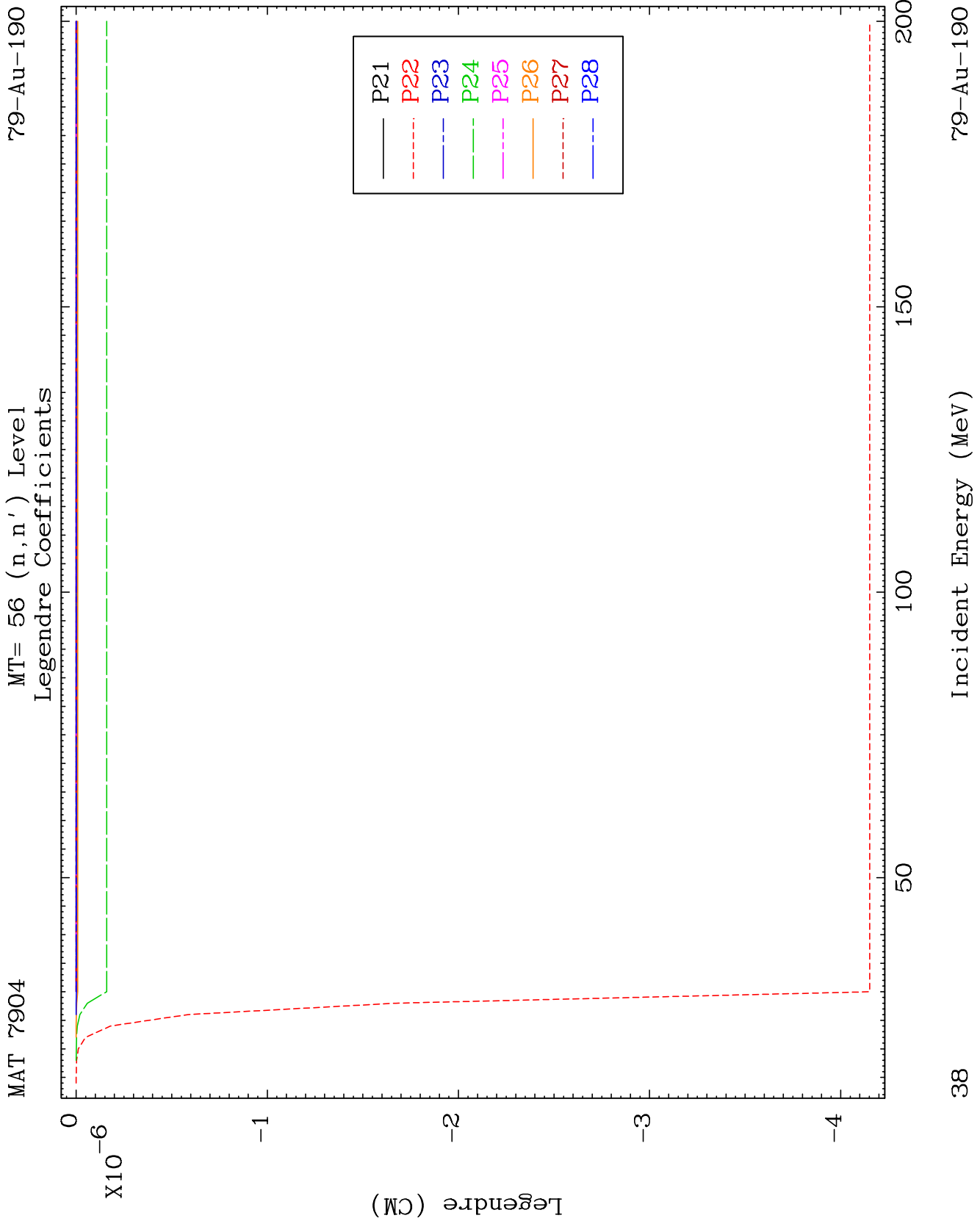


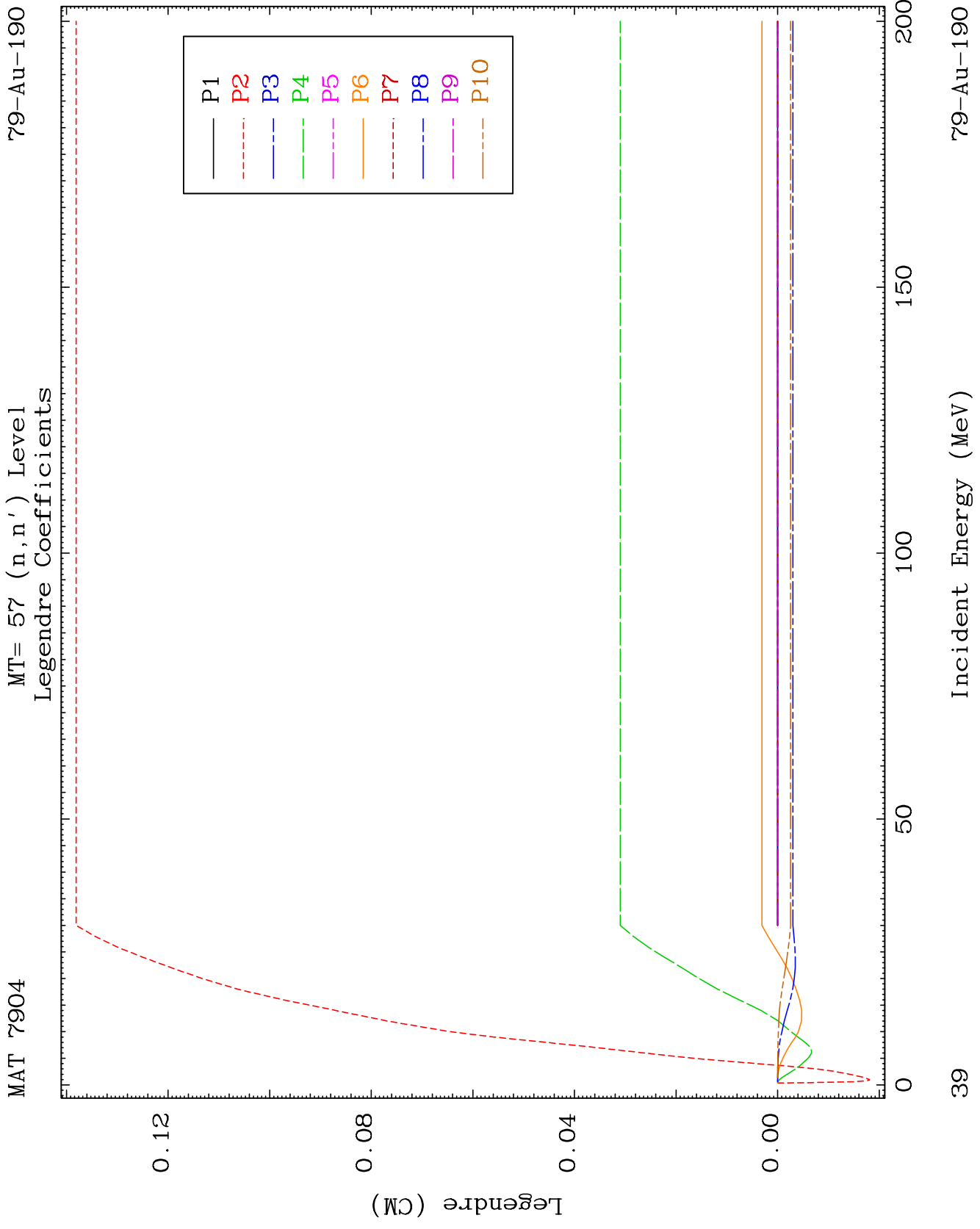
MAT 7904

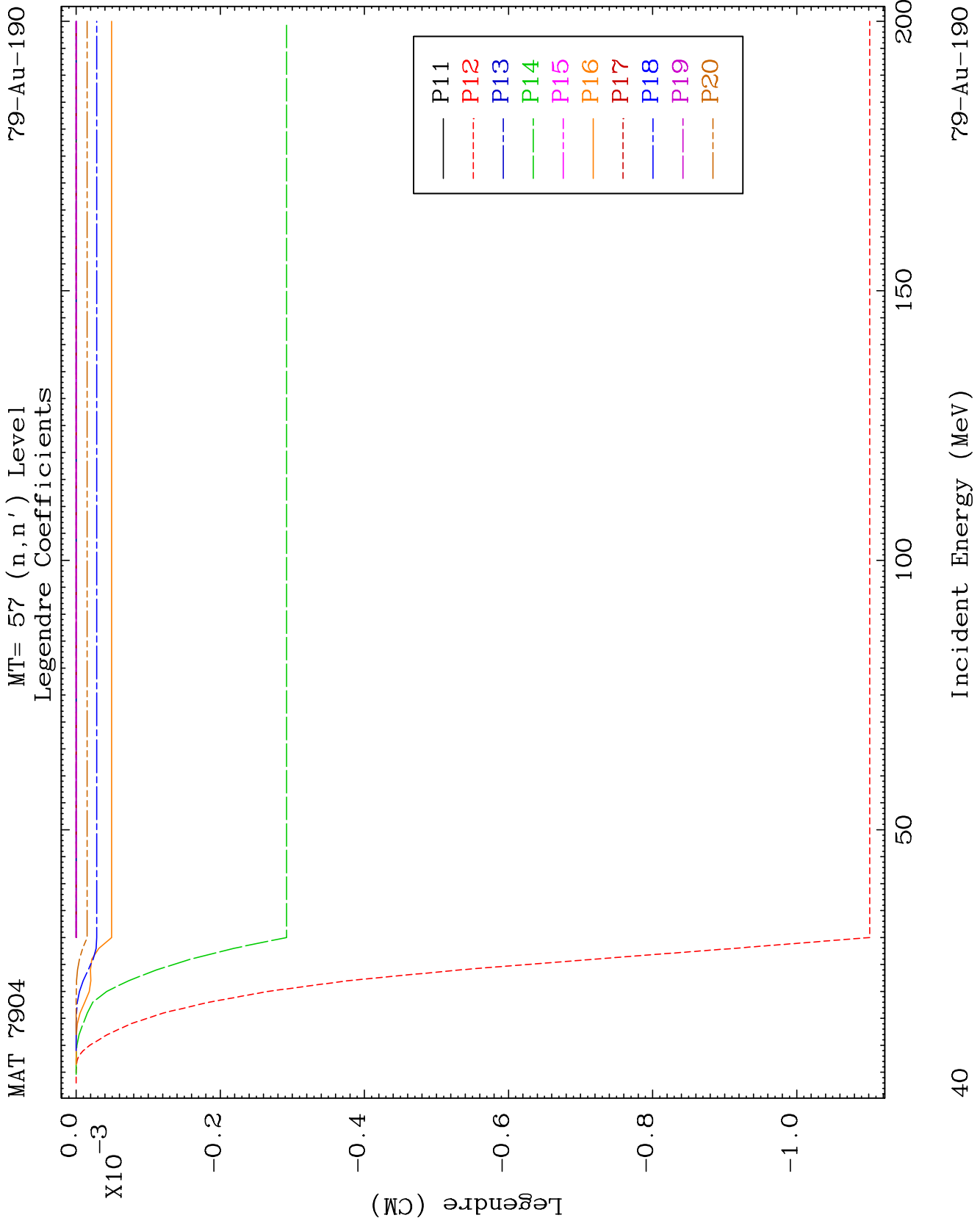
MT= 56 (n,n') Level
Legendre Coefficients

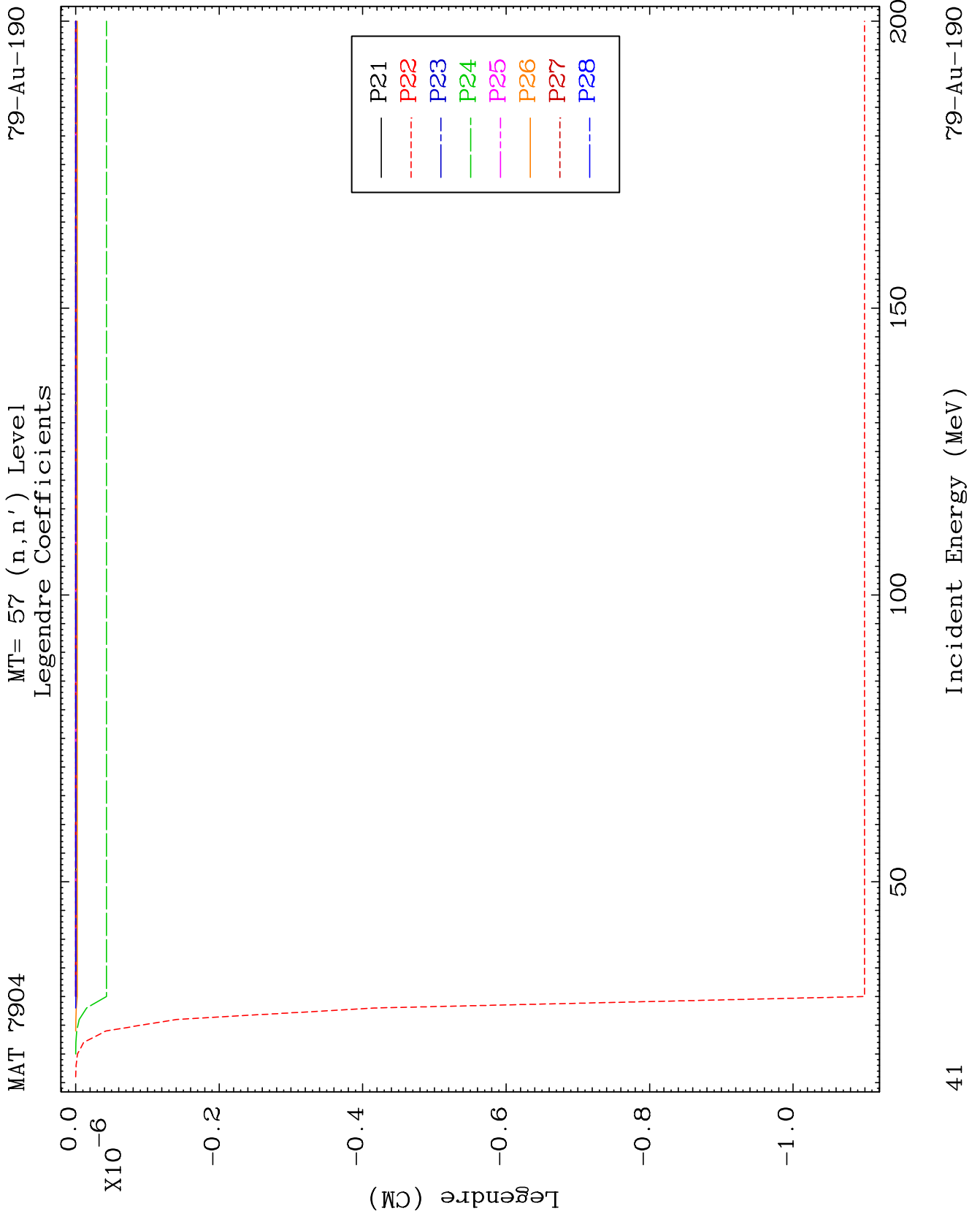
79-Au-190

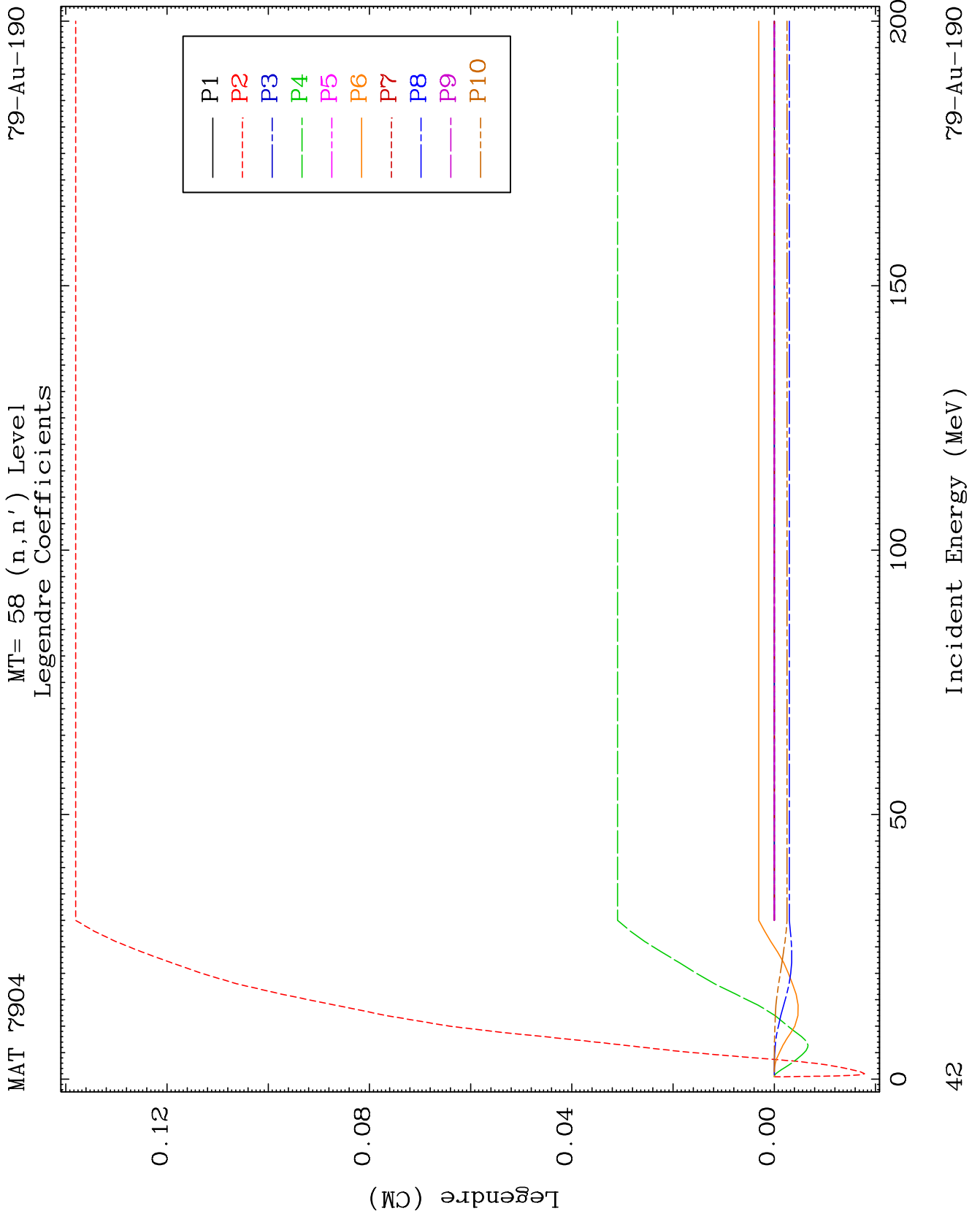


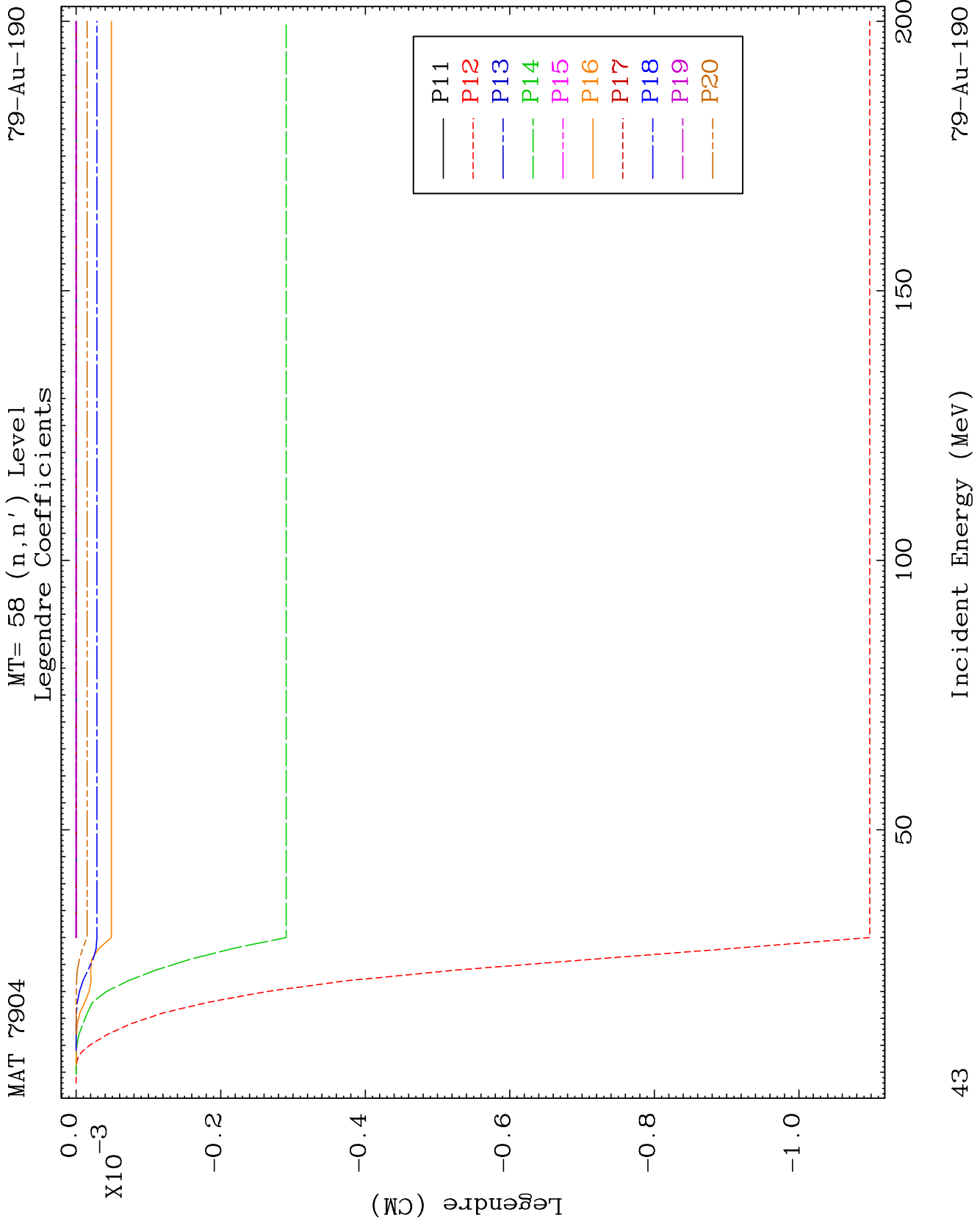


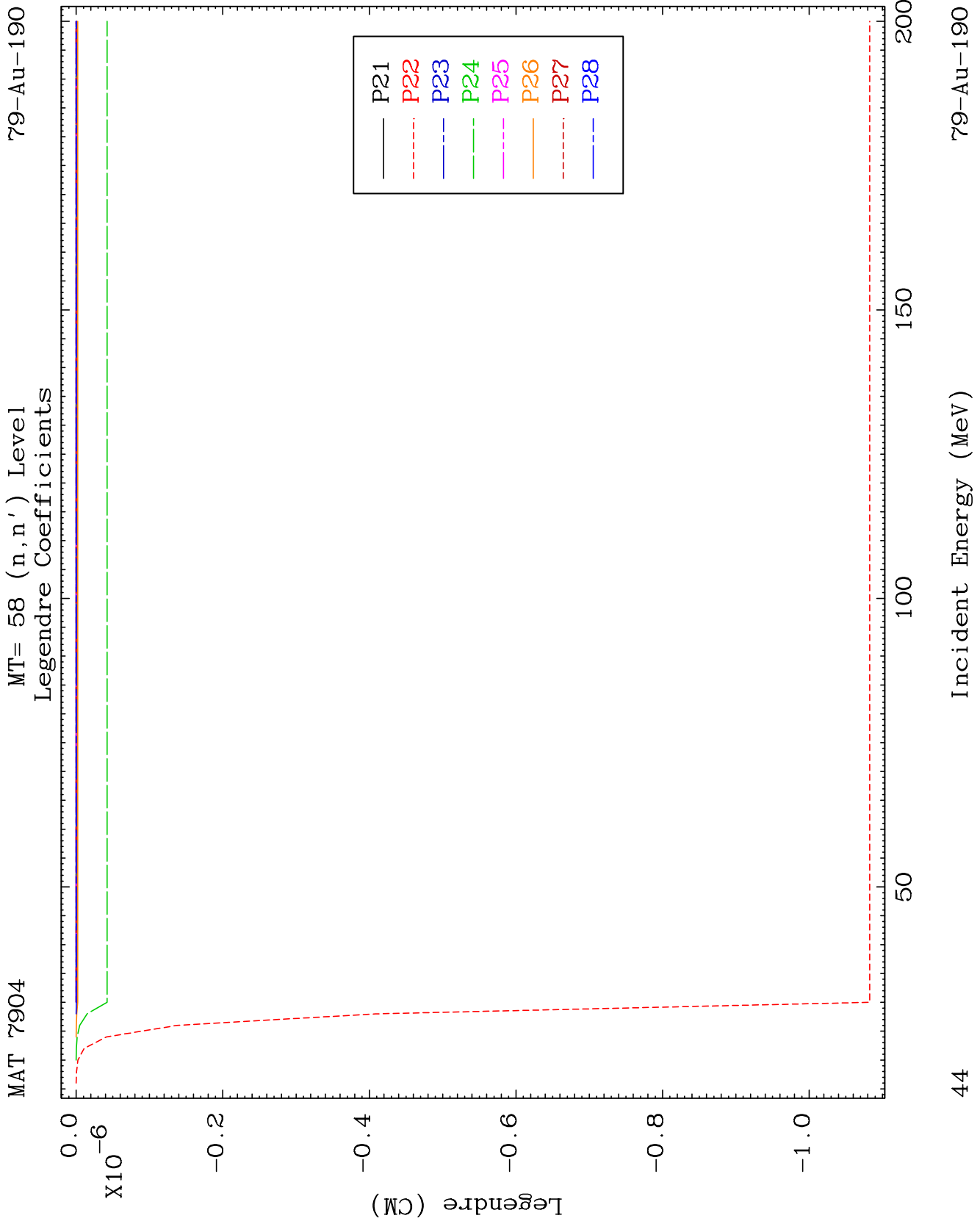








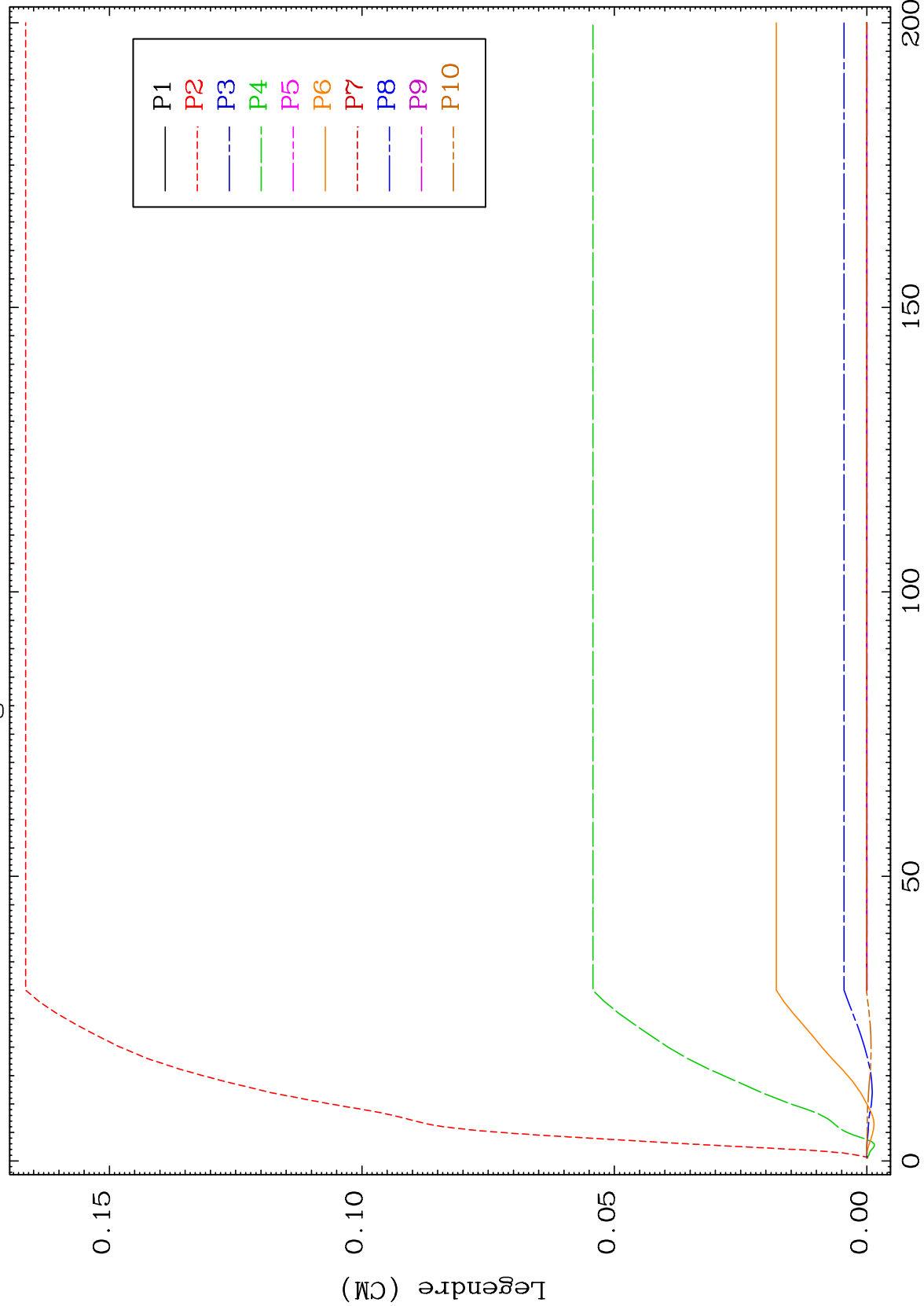




MAT 7904

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

79-Au-190



79-Au-190

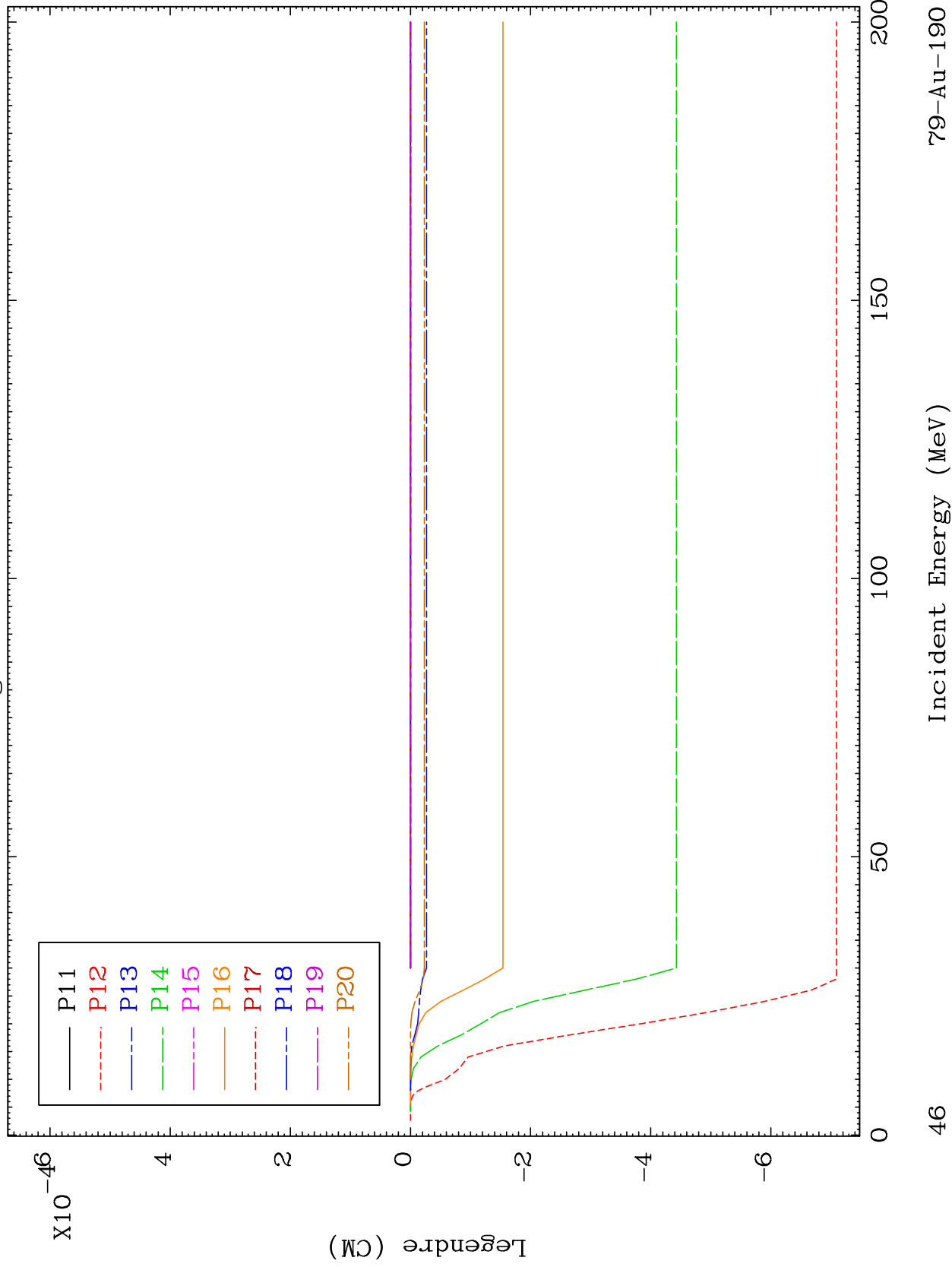
Incident Energy (MeV)

45

MAT 7904

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

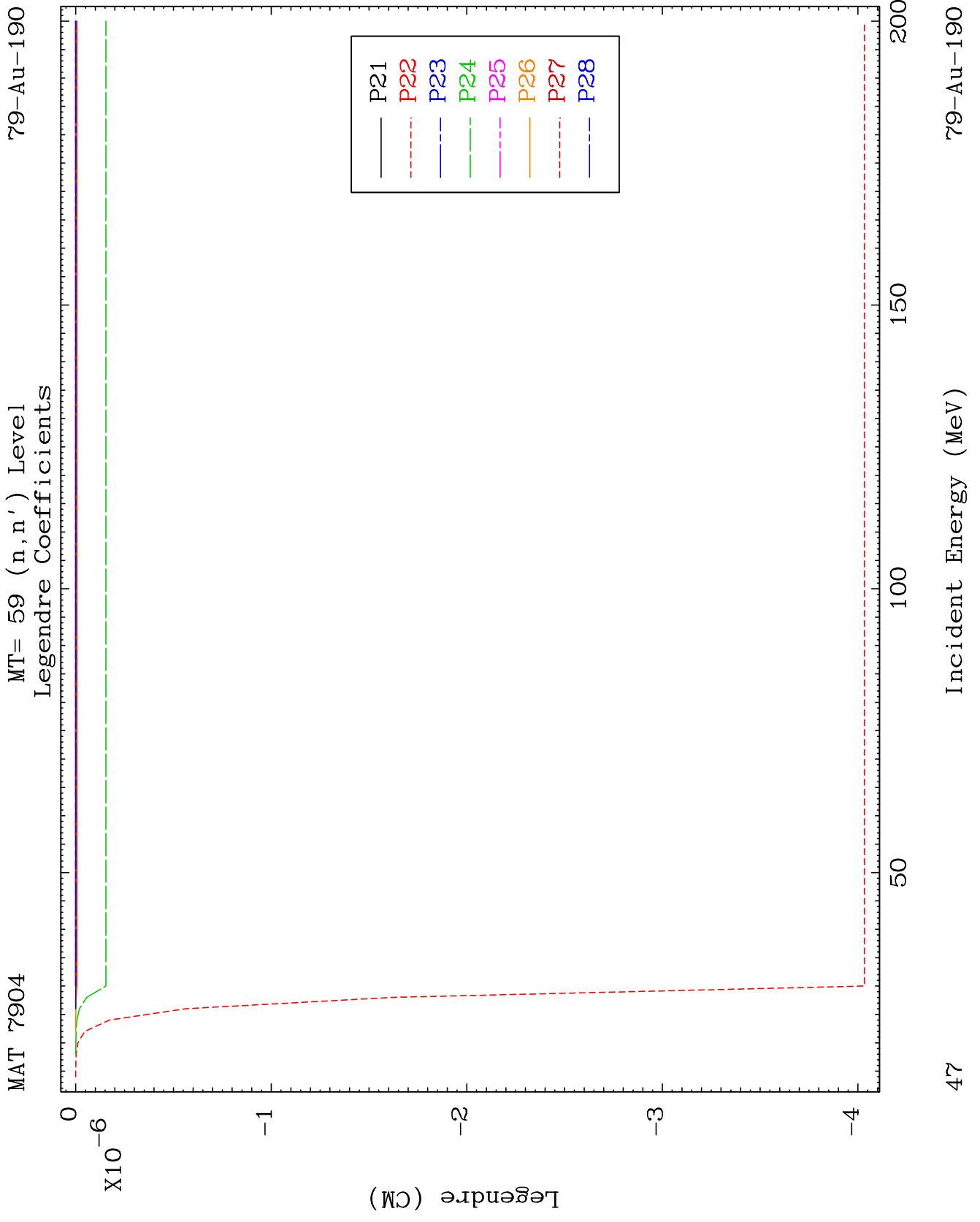
79-Au-190

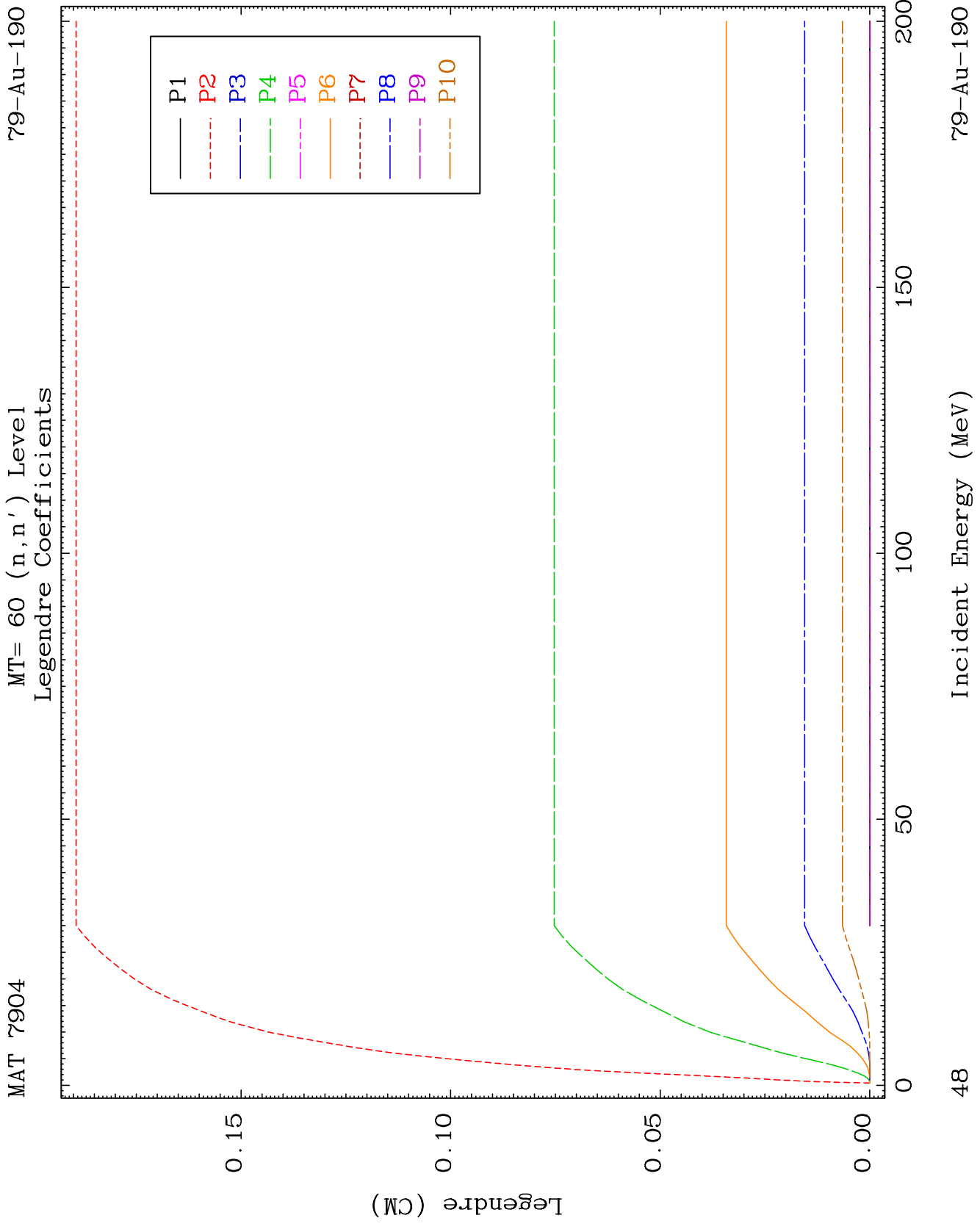


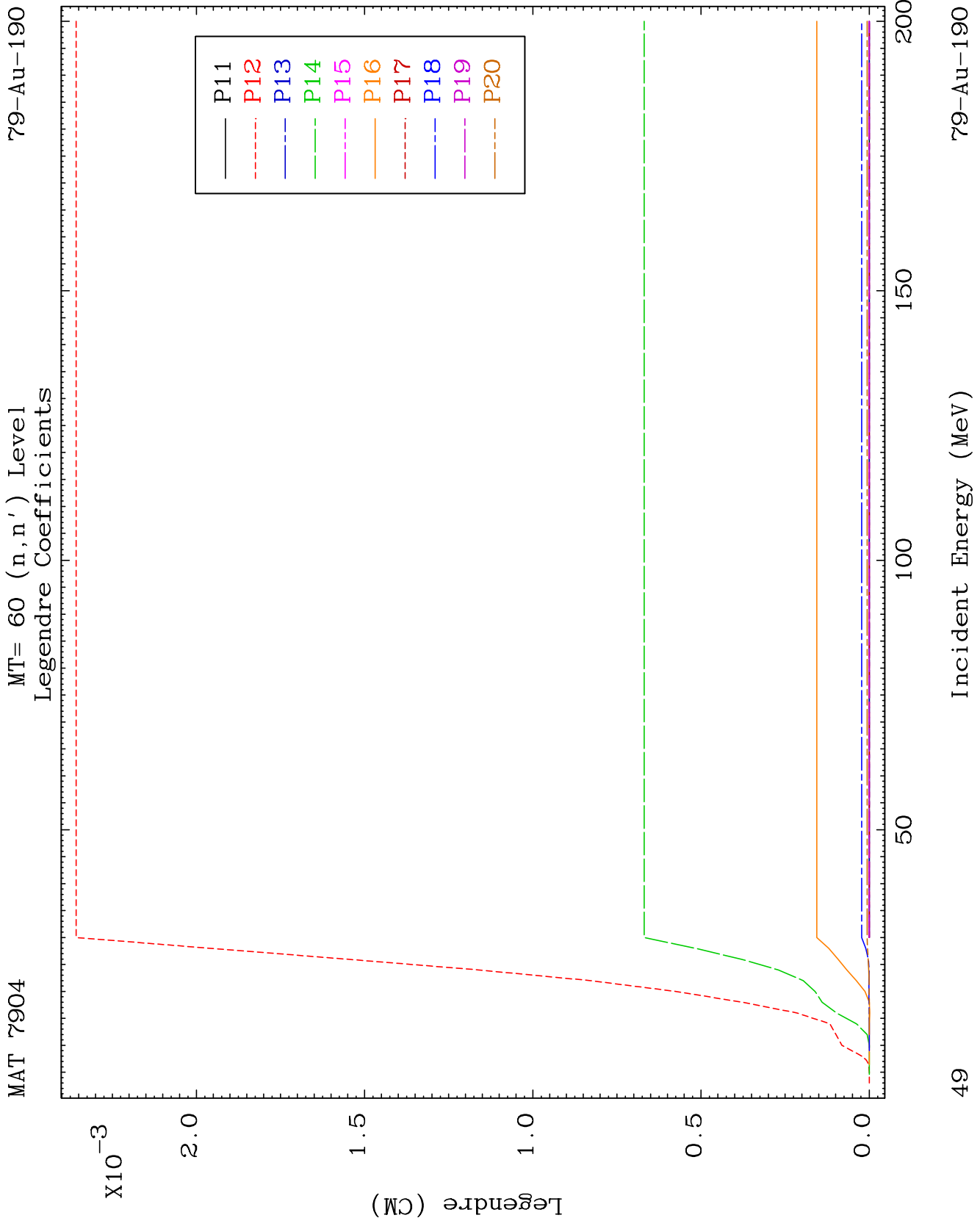
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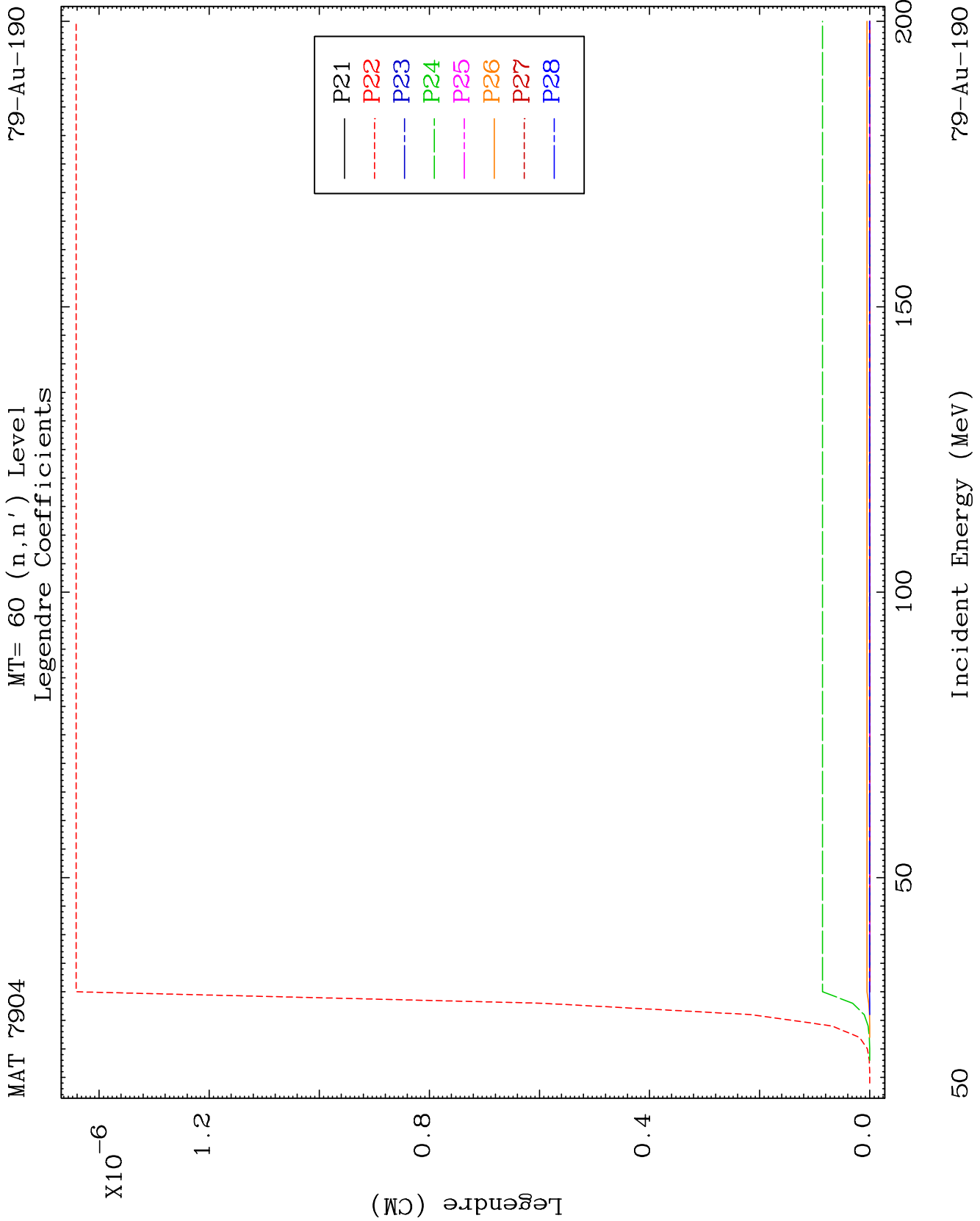
Incident Energy (MeV)

46





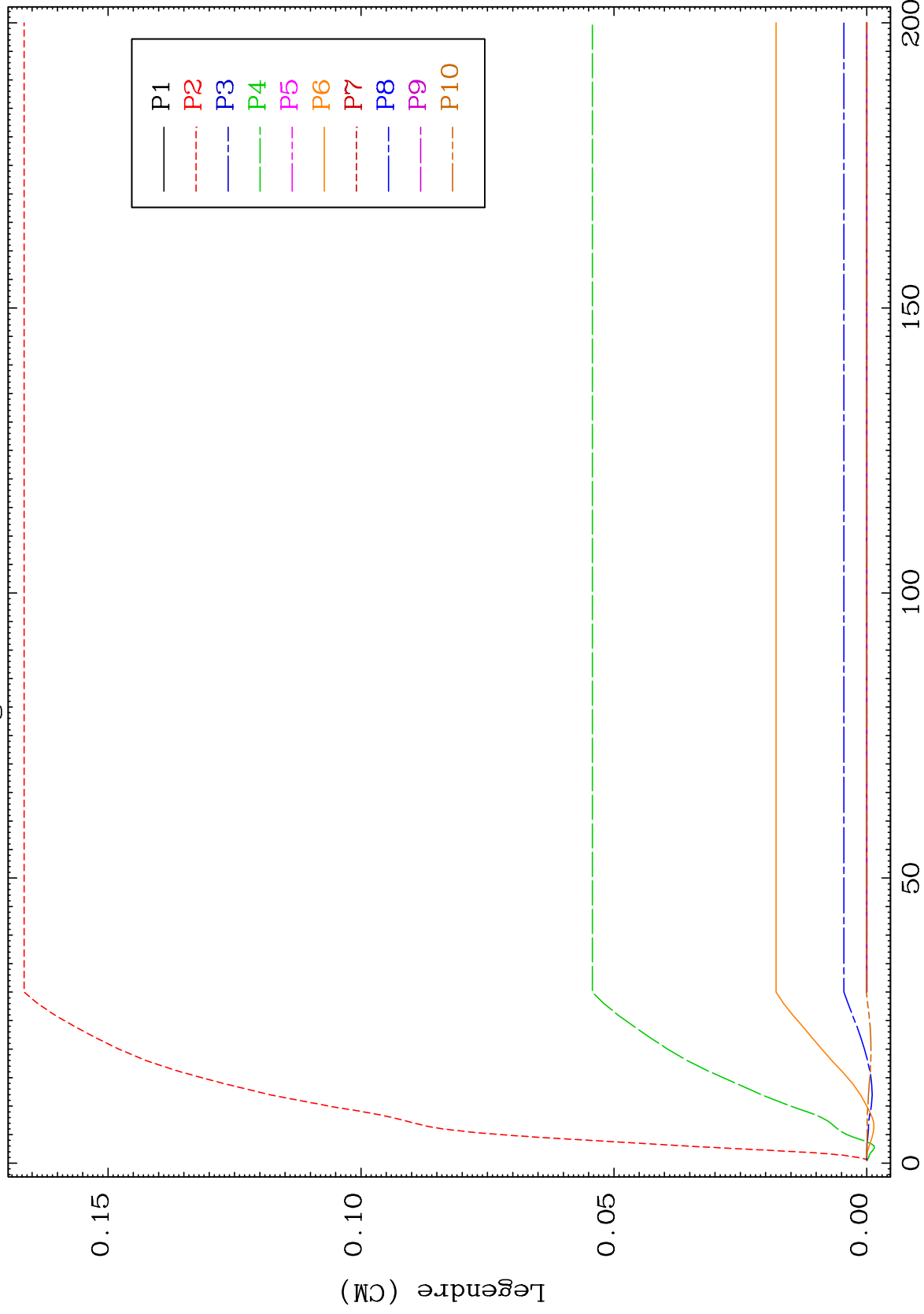




MAT 7904

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

79-Au-190



51

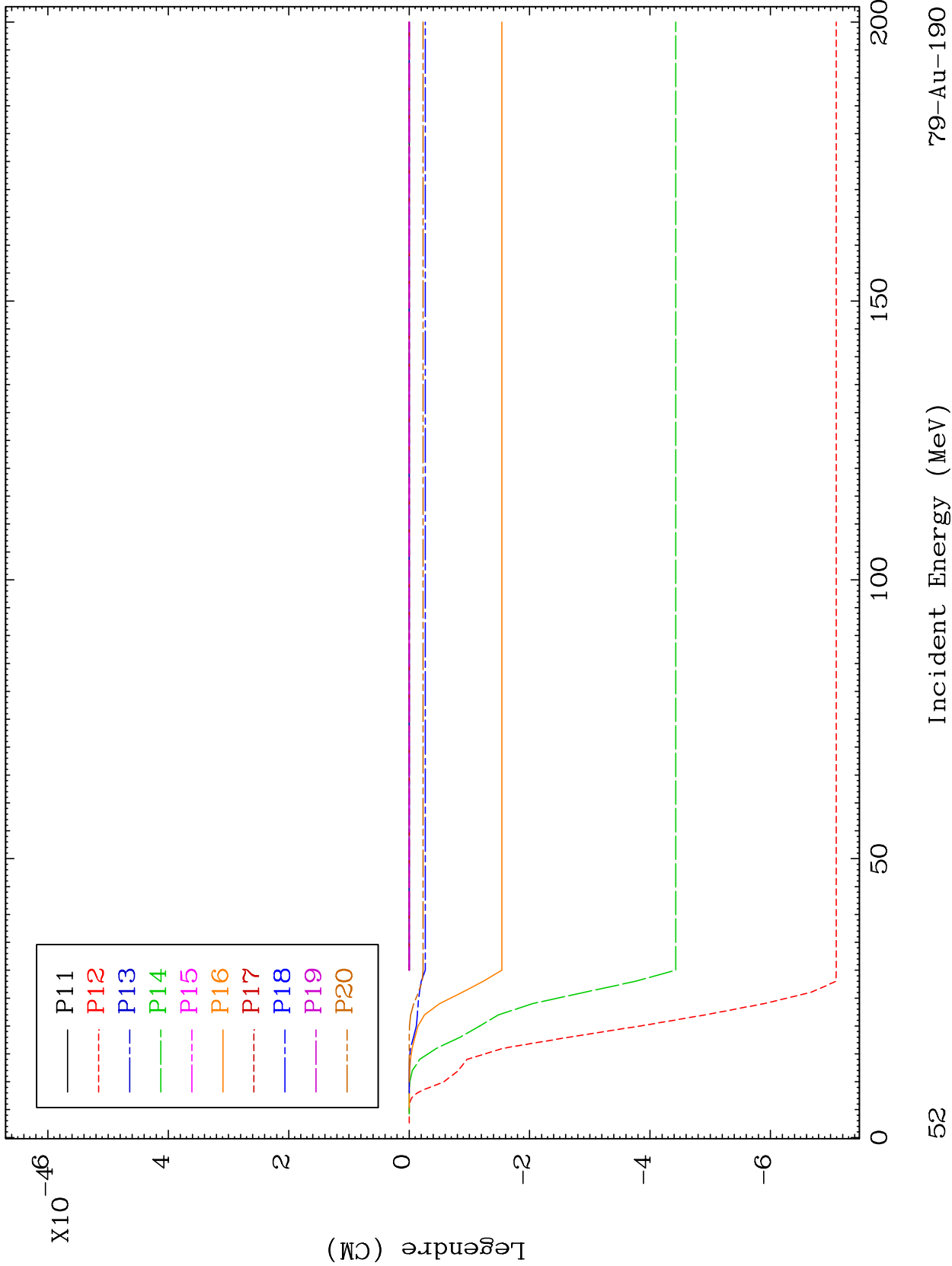
Incident Energy (MeV)

79-Au-190

MAT 7904

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

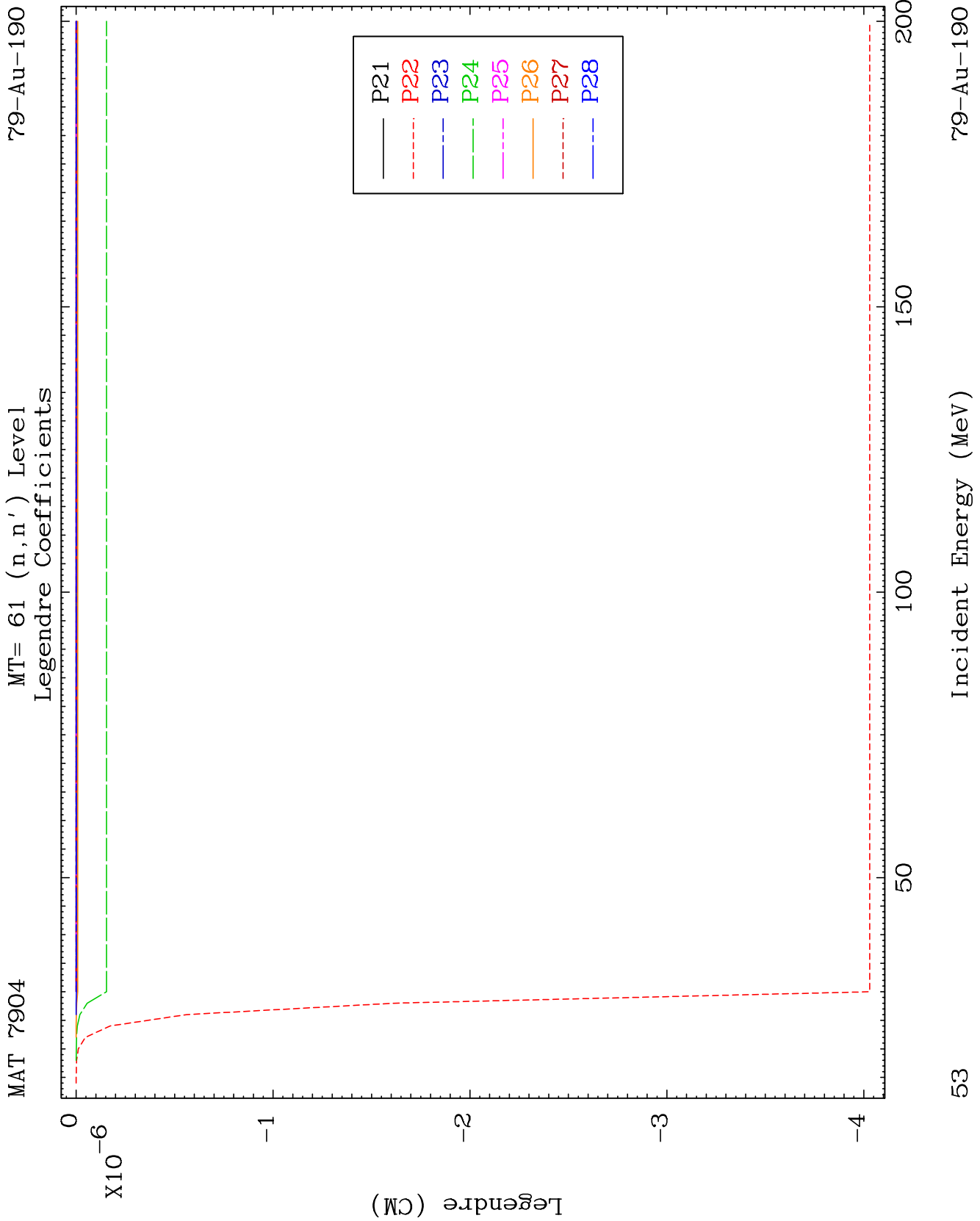
79-Au-190

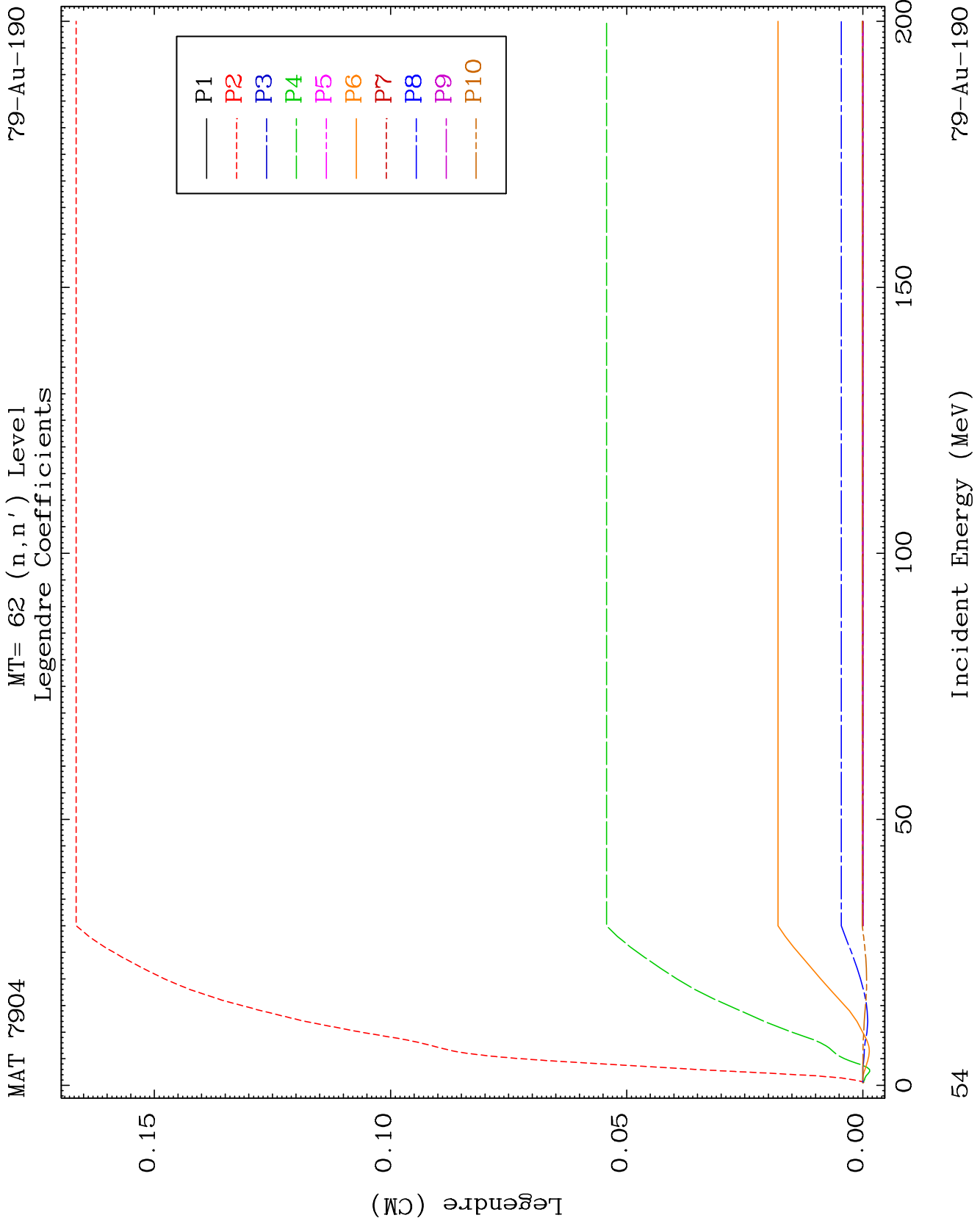


52

Incident Energy (MeV)

79-Au-190

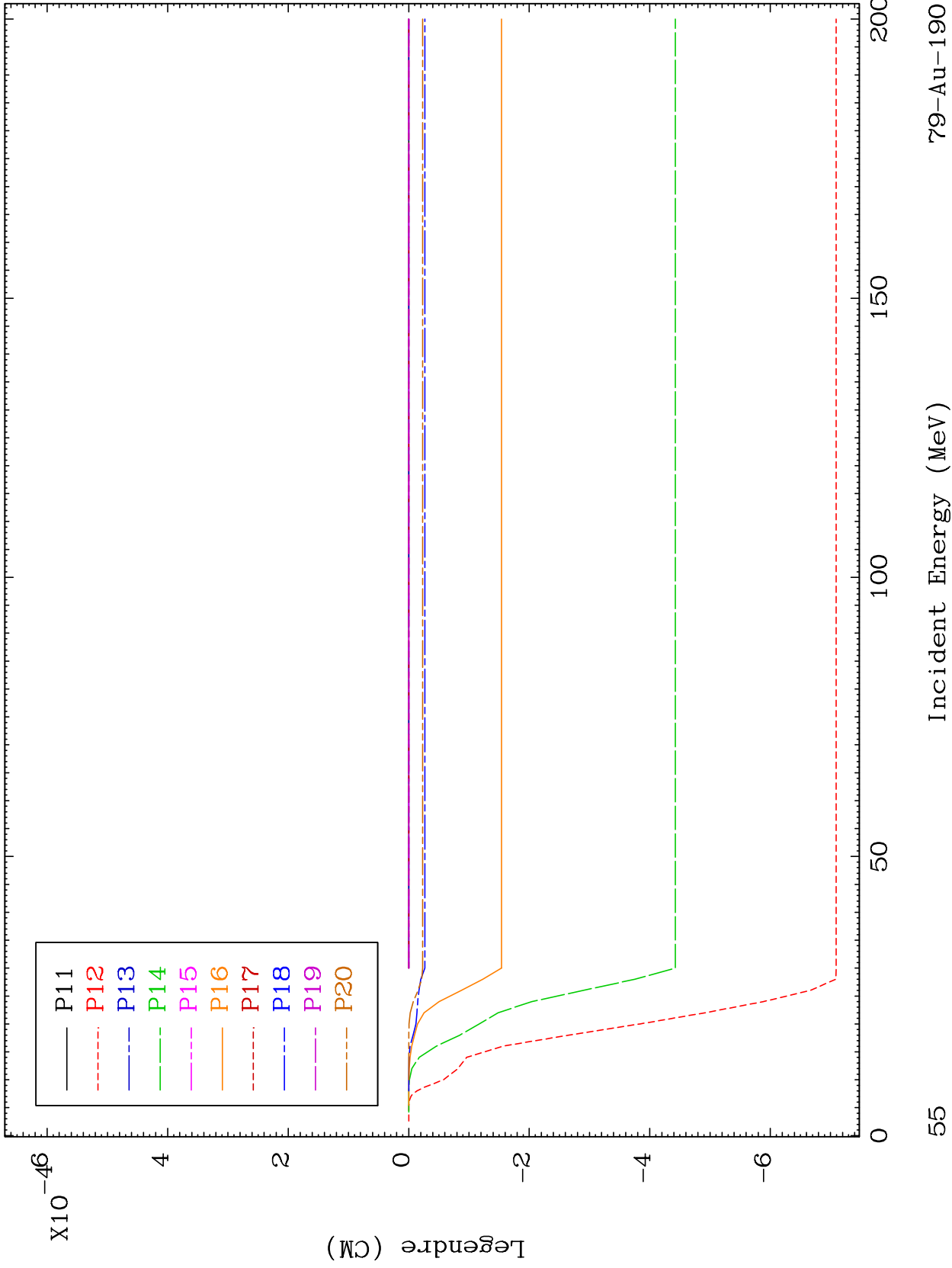


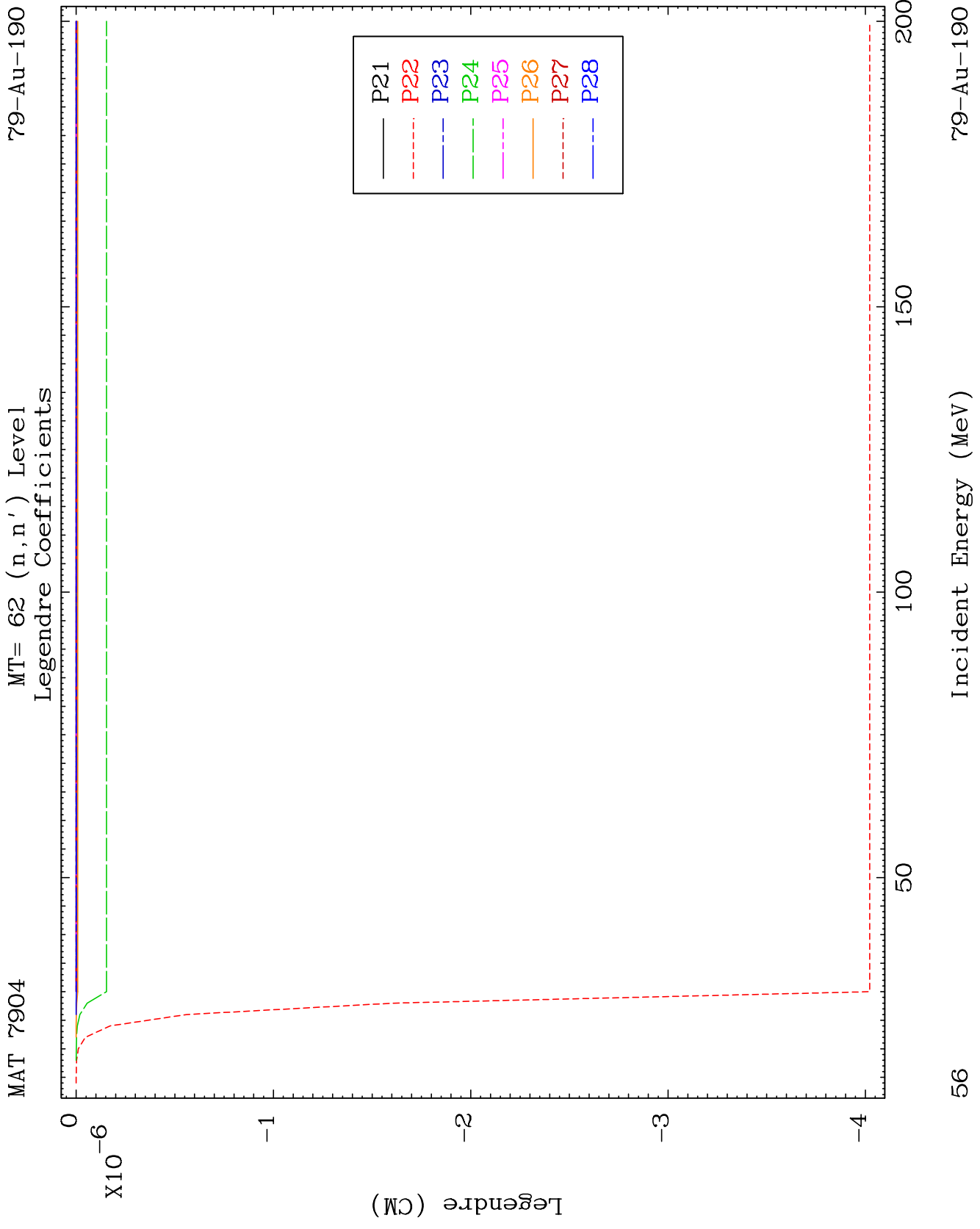


MAT 7904

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

79-Au-190

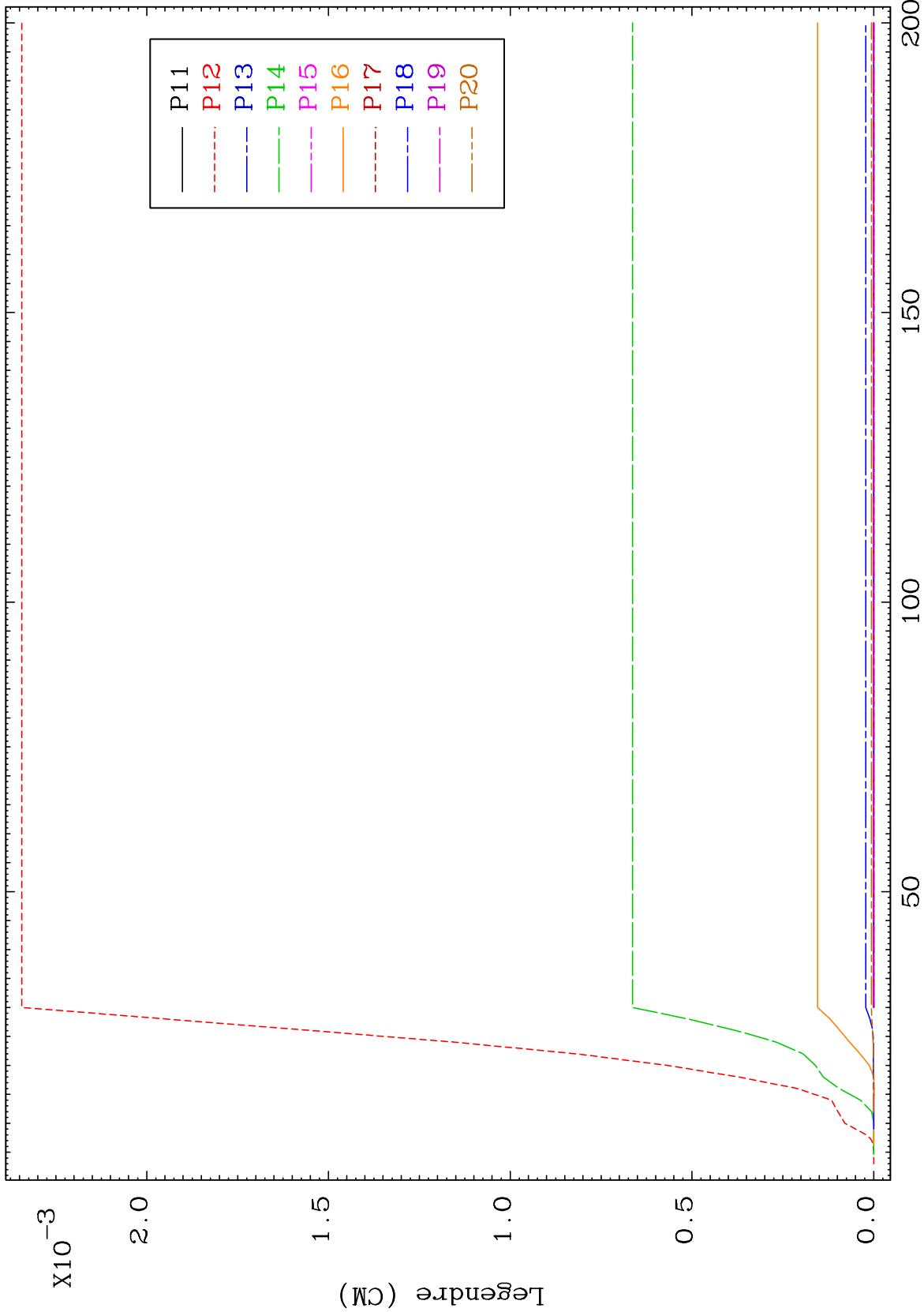




MAT 7904

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

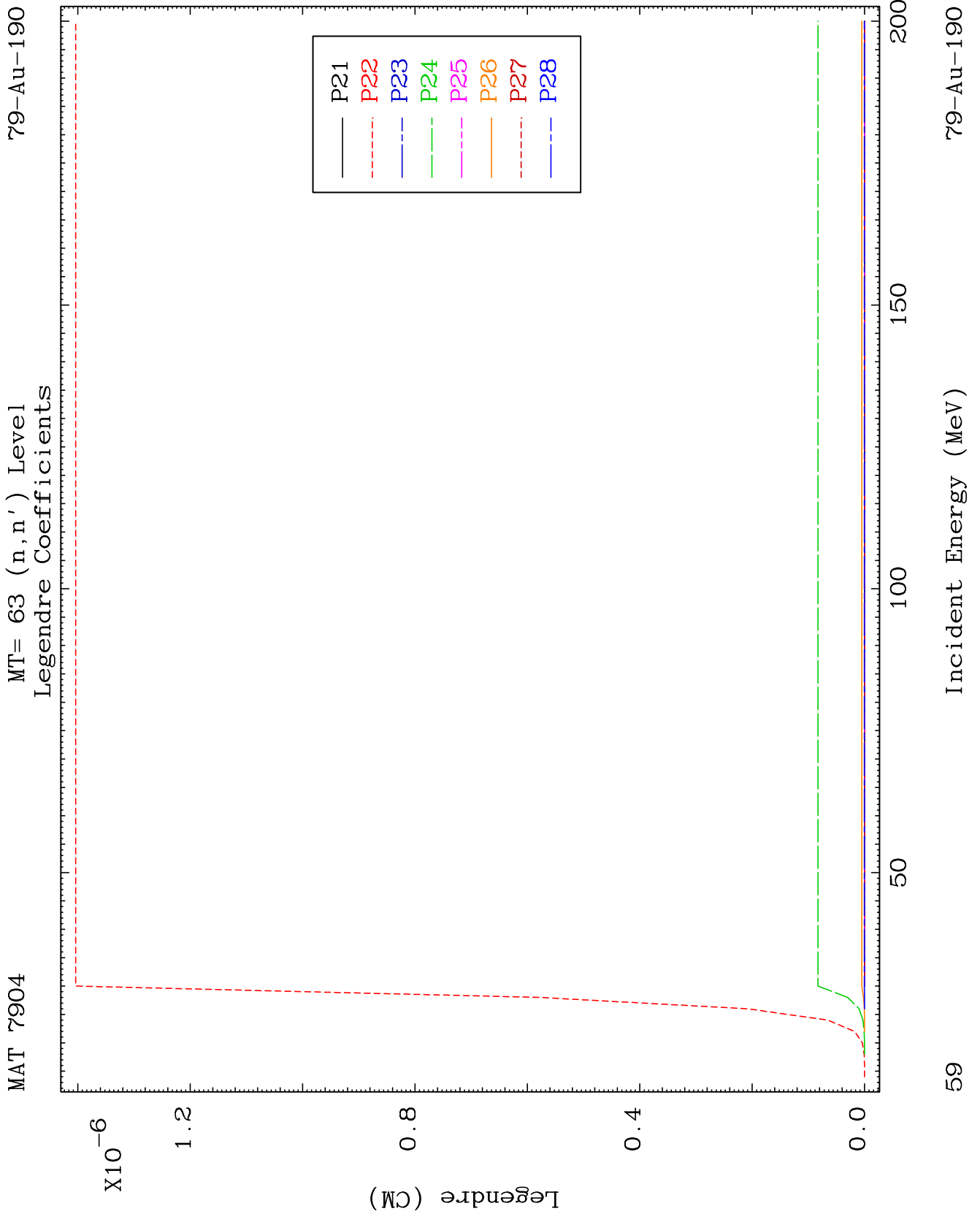
79-Au-190



58

Incident Energy (MeV)

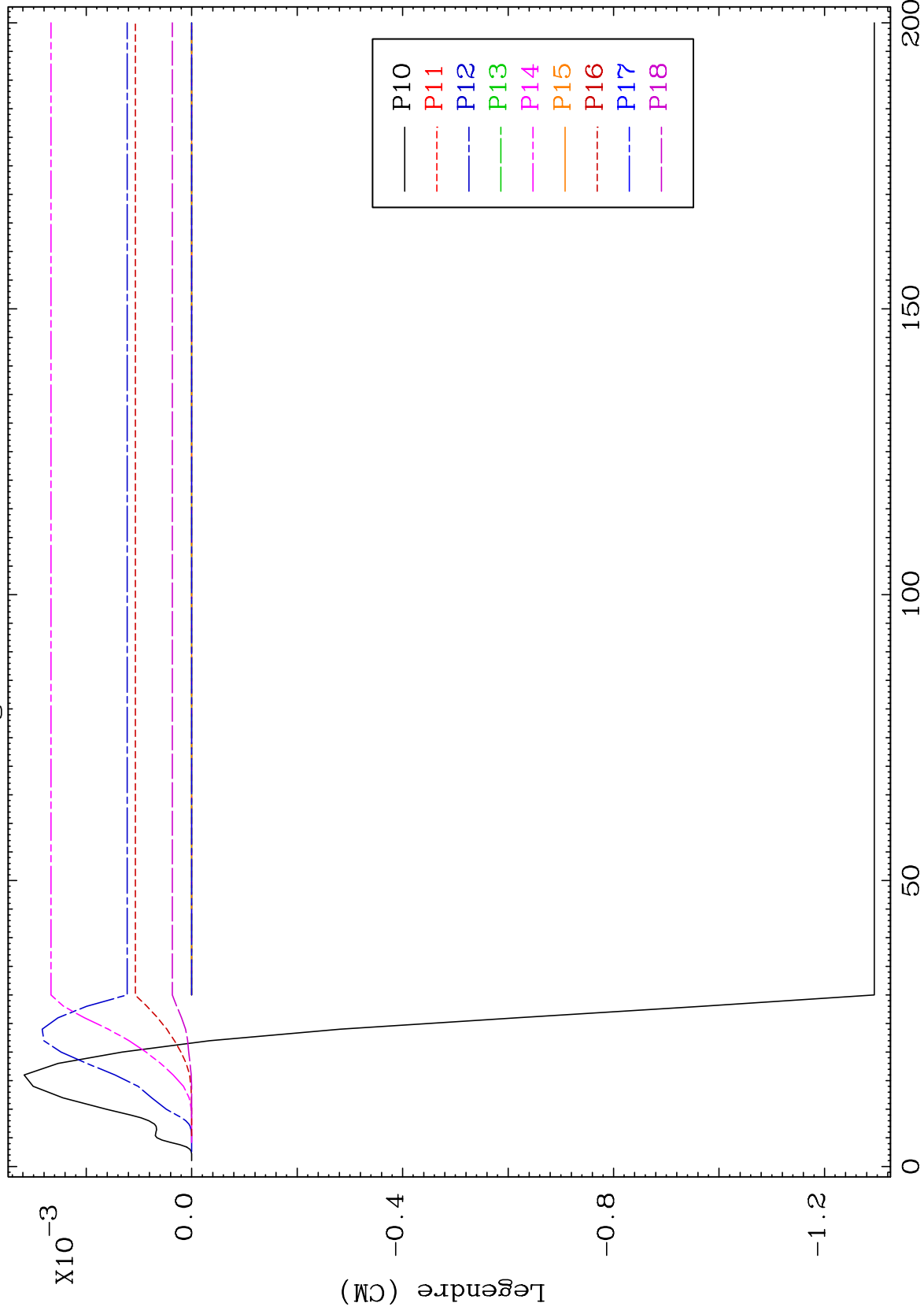
79-Au-190



MAT 7904

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

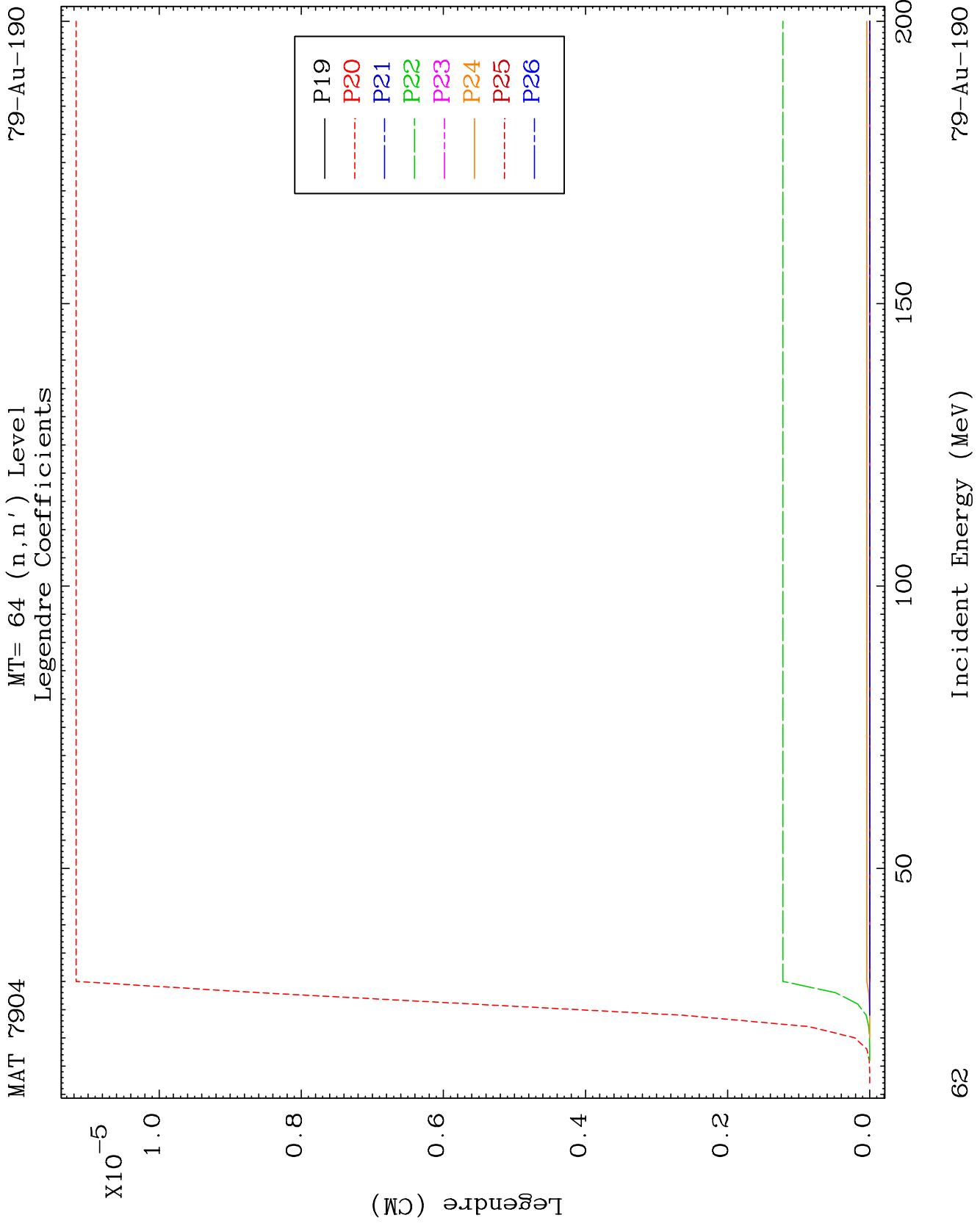
79-Au-190



61

Incident Energy (MeV)

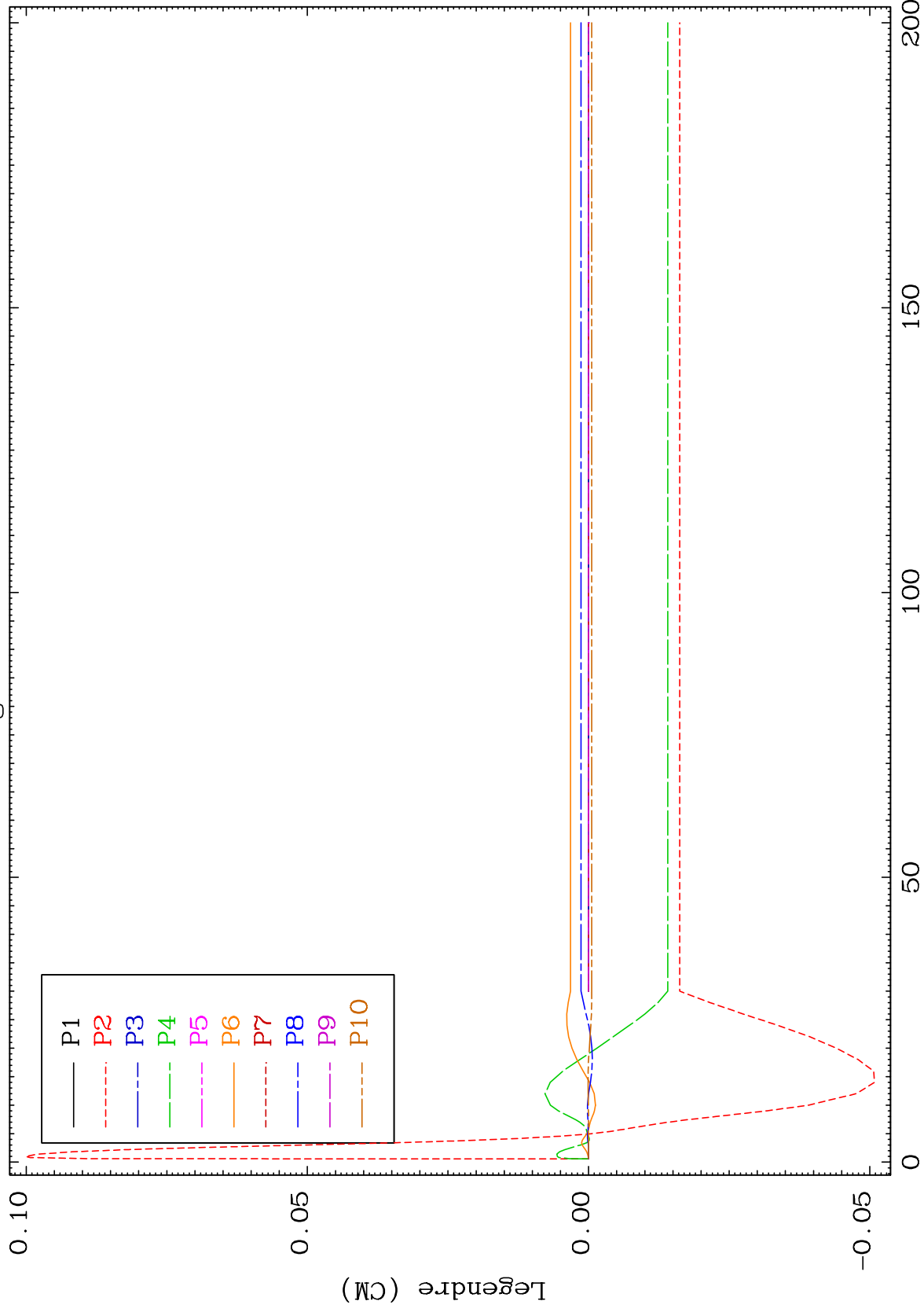
79-Au-190



MAT 7904

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

79-Au-190



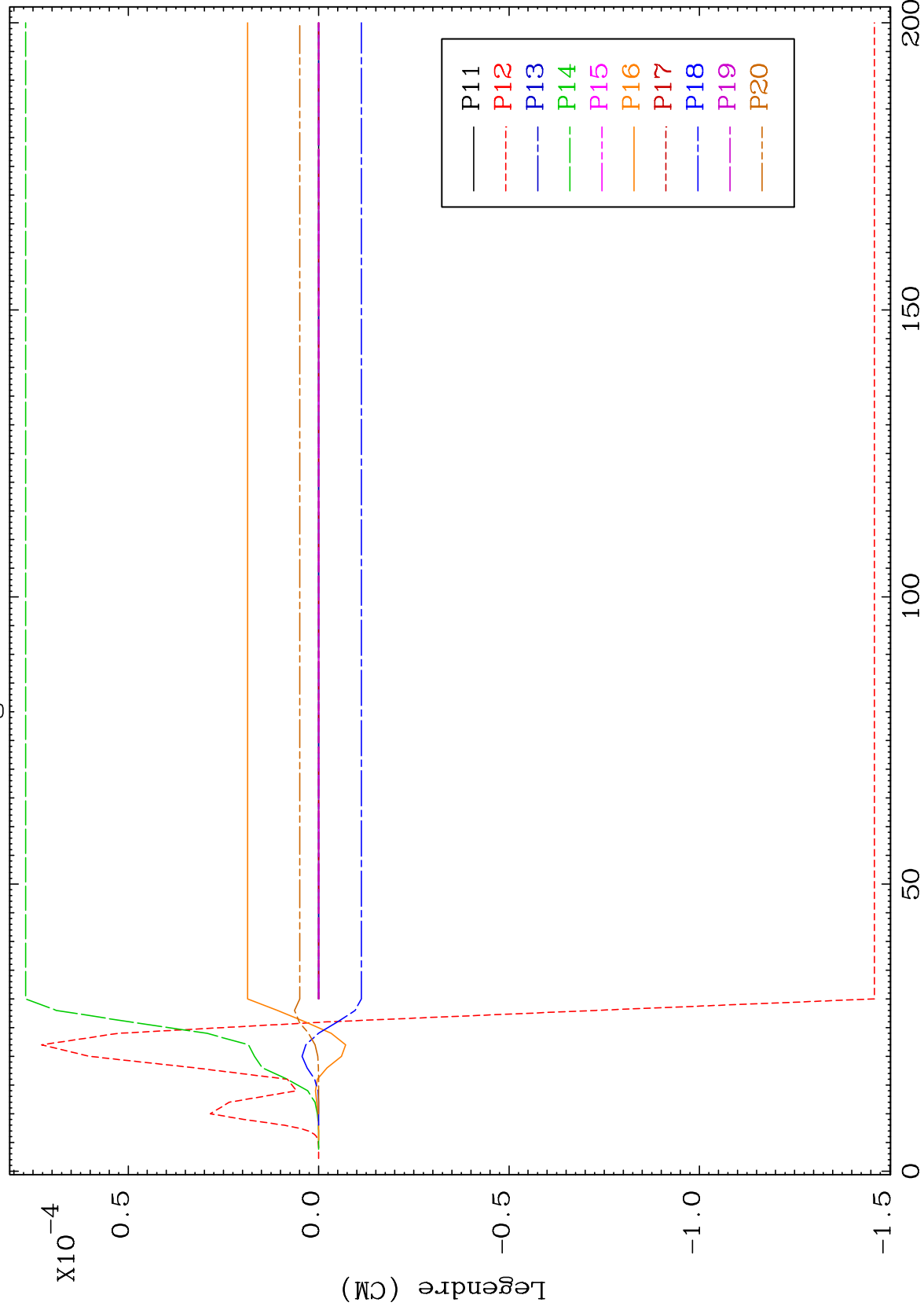
63

79-Au-190

MAT 7904

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

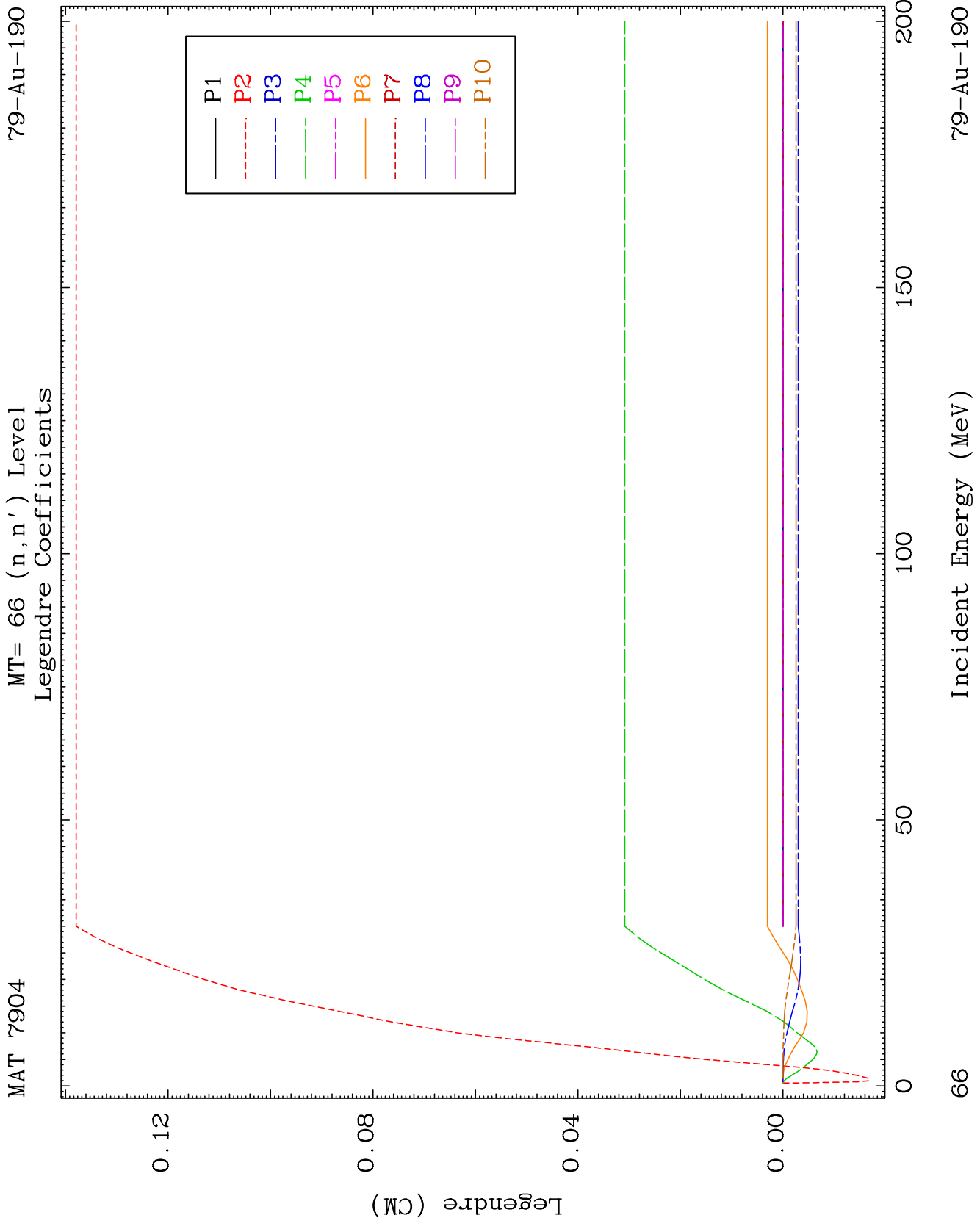
79-Au-190

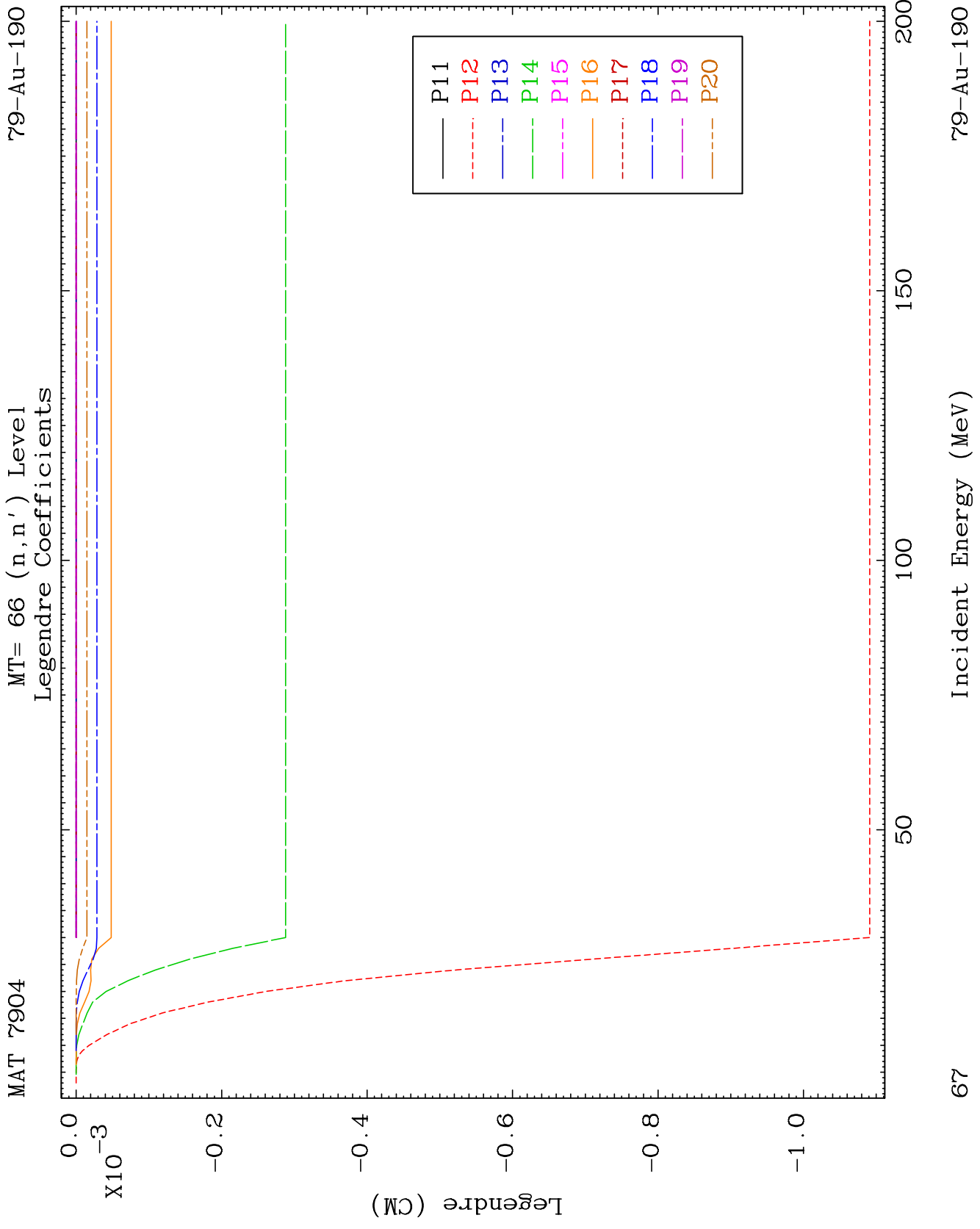


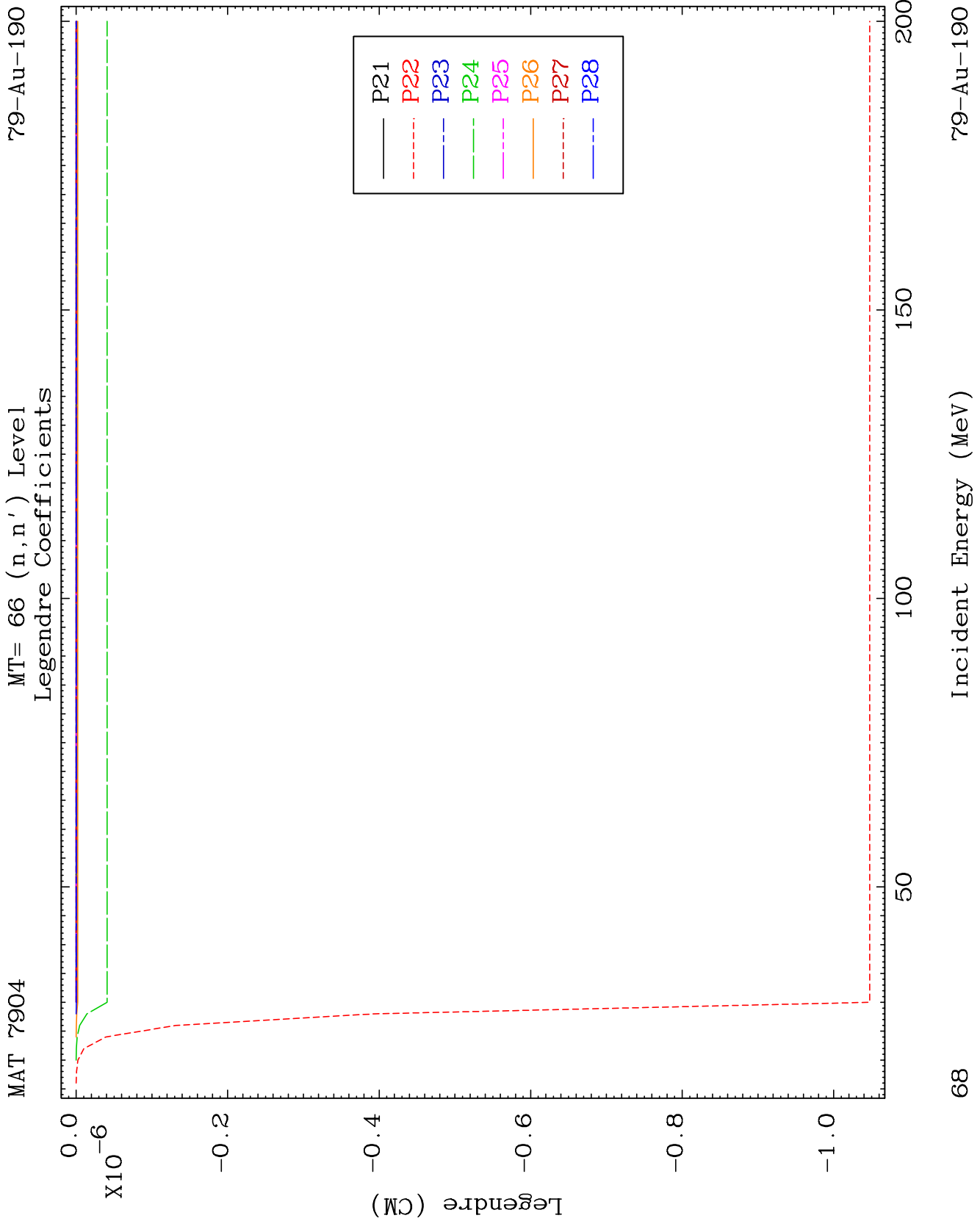
64

Incident Energy (MeV)

79-Au-190



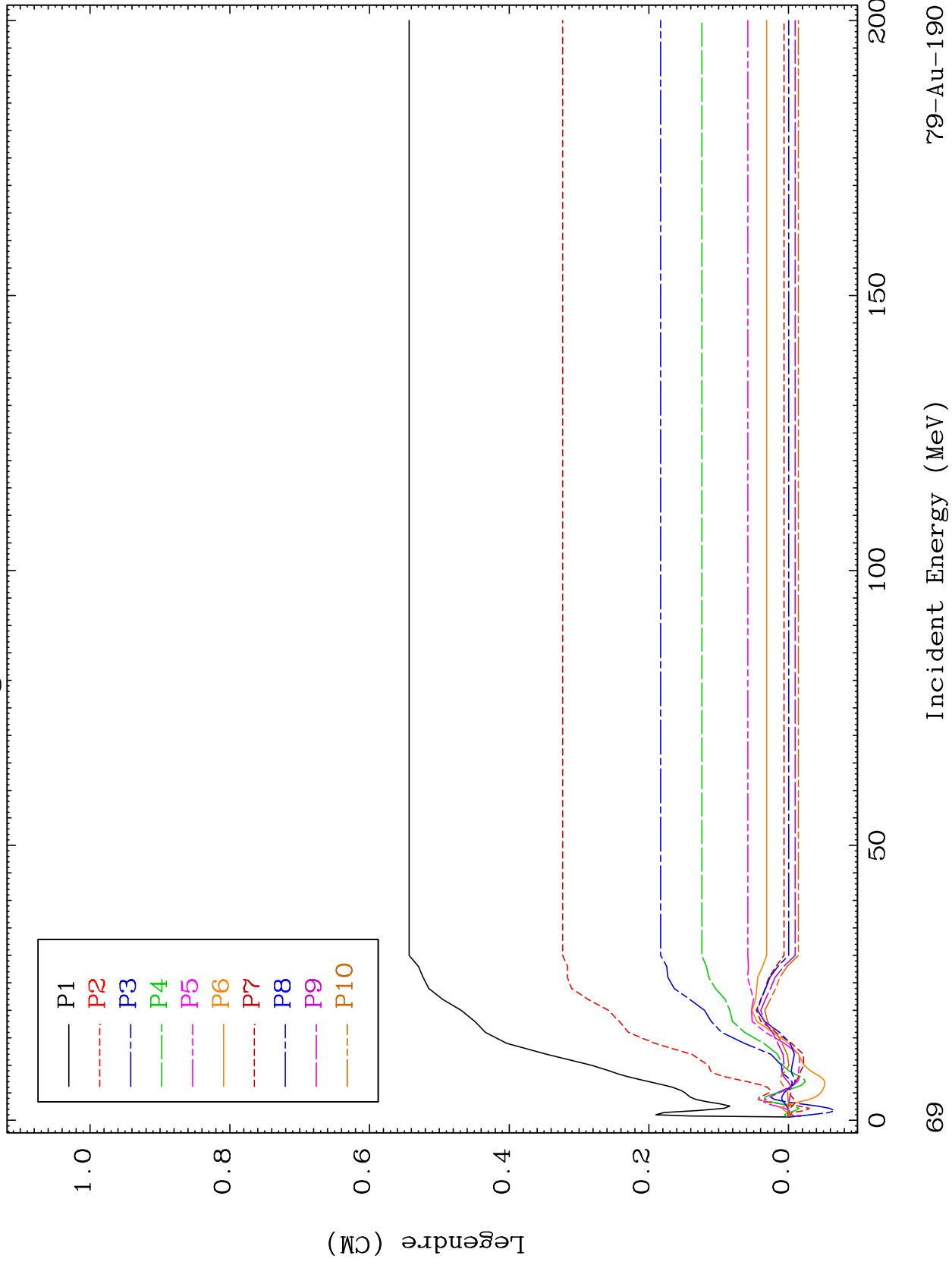




MAT 7904

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

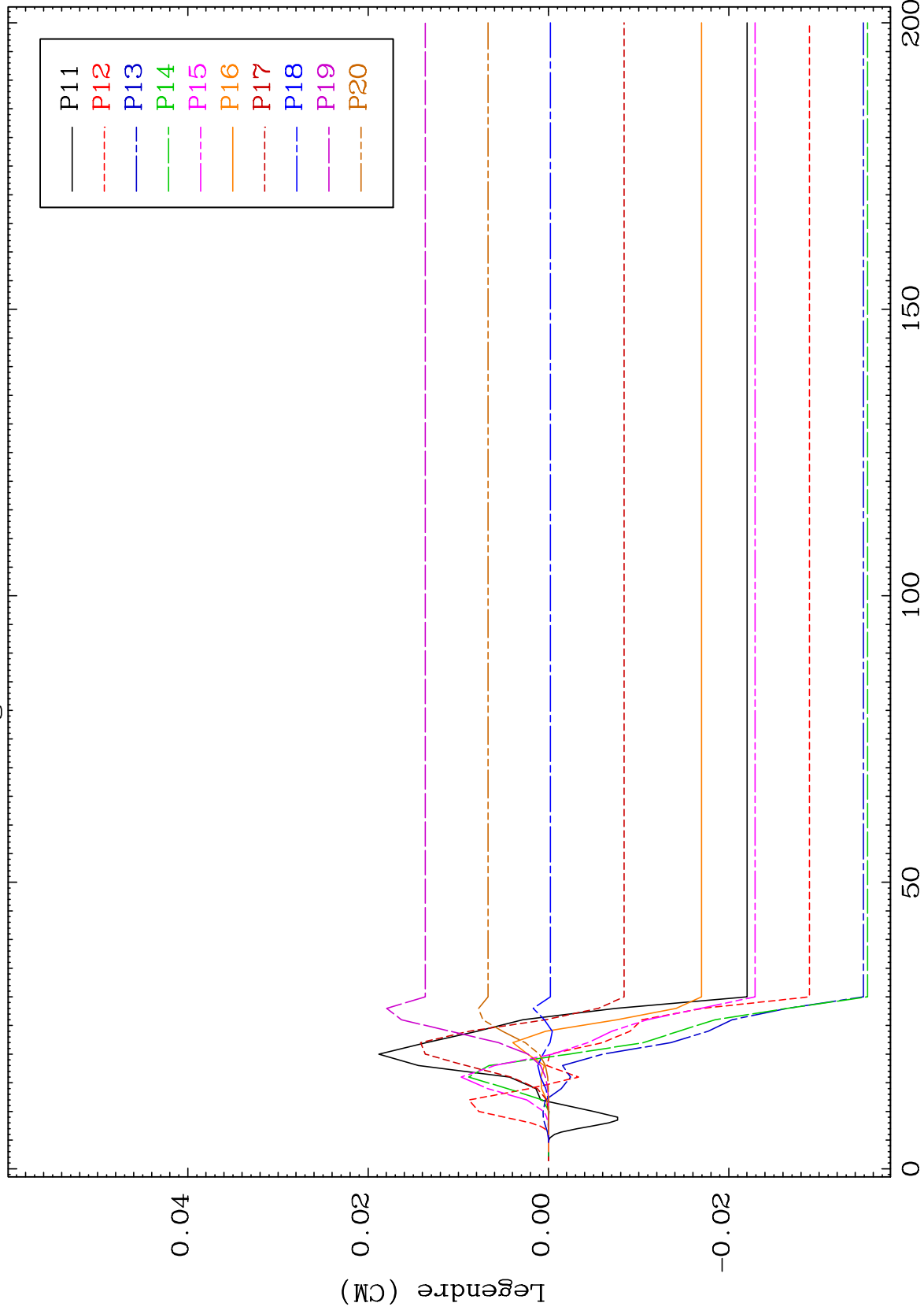
79-Au-190



MAT 7904

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

79-Au-190



70

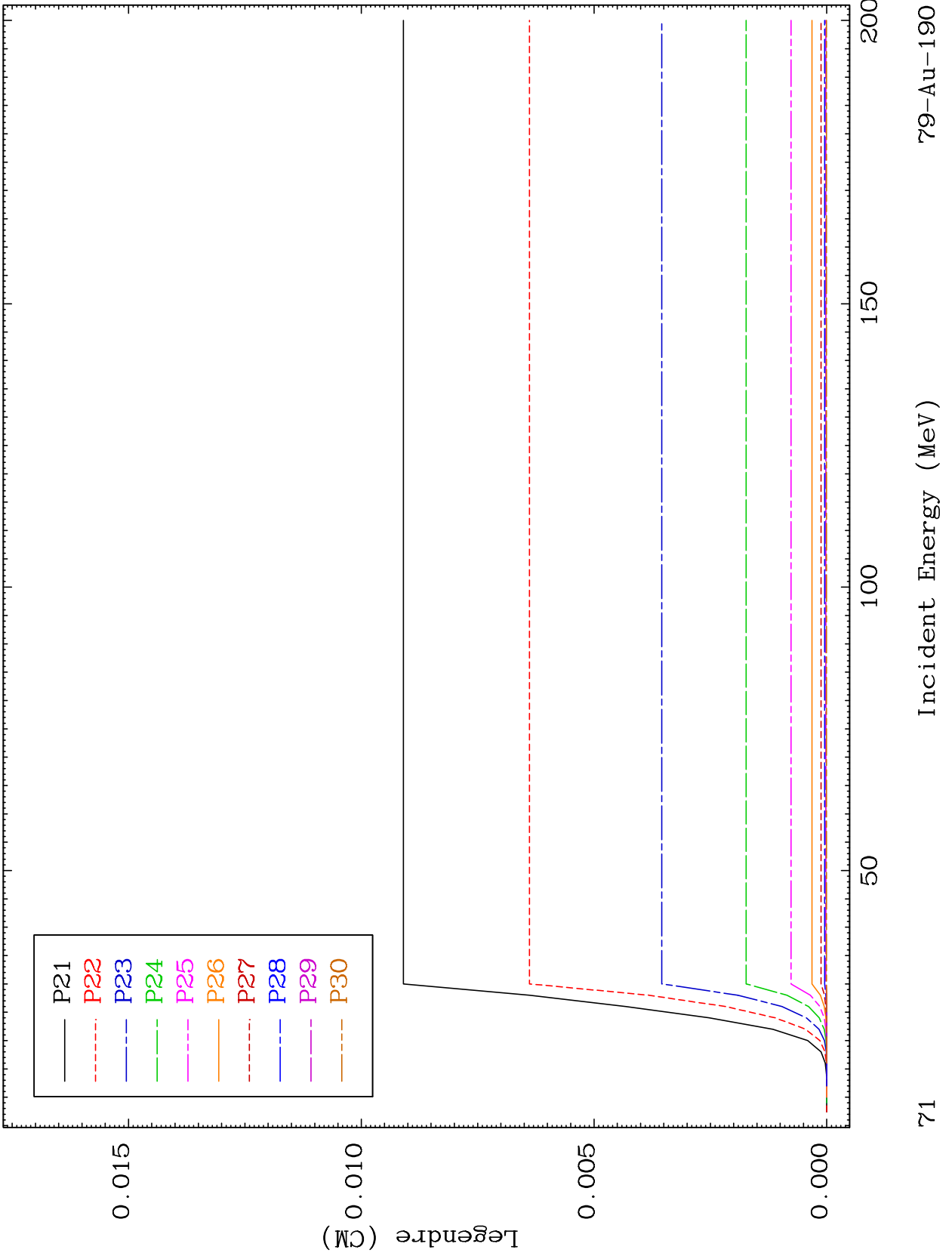
Incident Energy (MeV)

79-Au-190

MAT 7904

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

79-Au-190



71

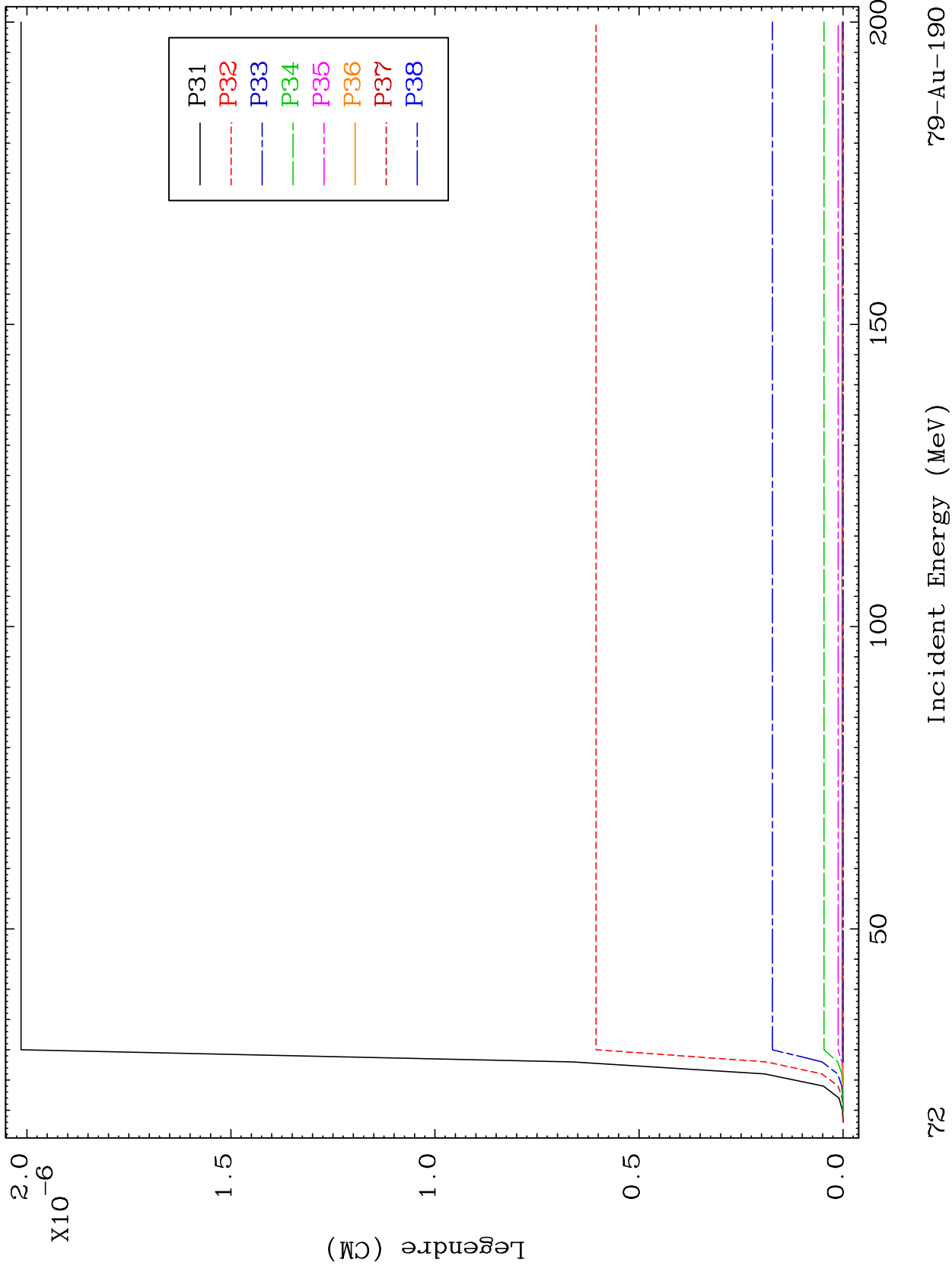
Incident Energy (MeV)

79-Au-190

MAT 7904

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

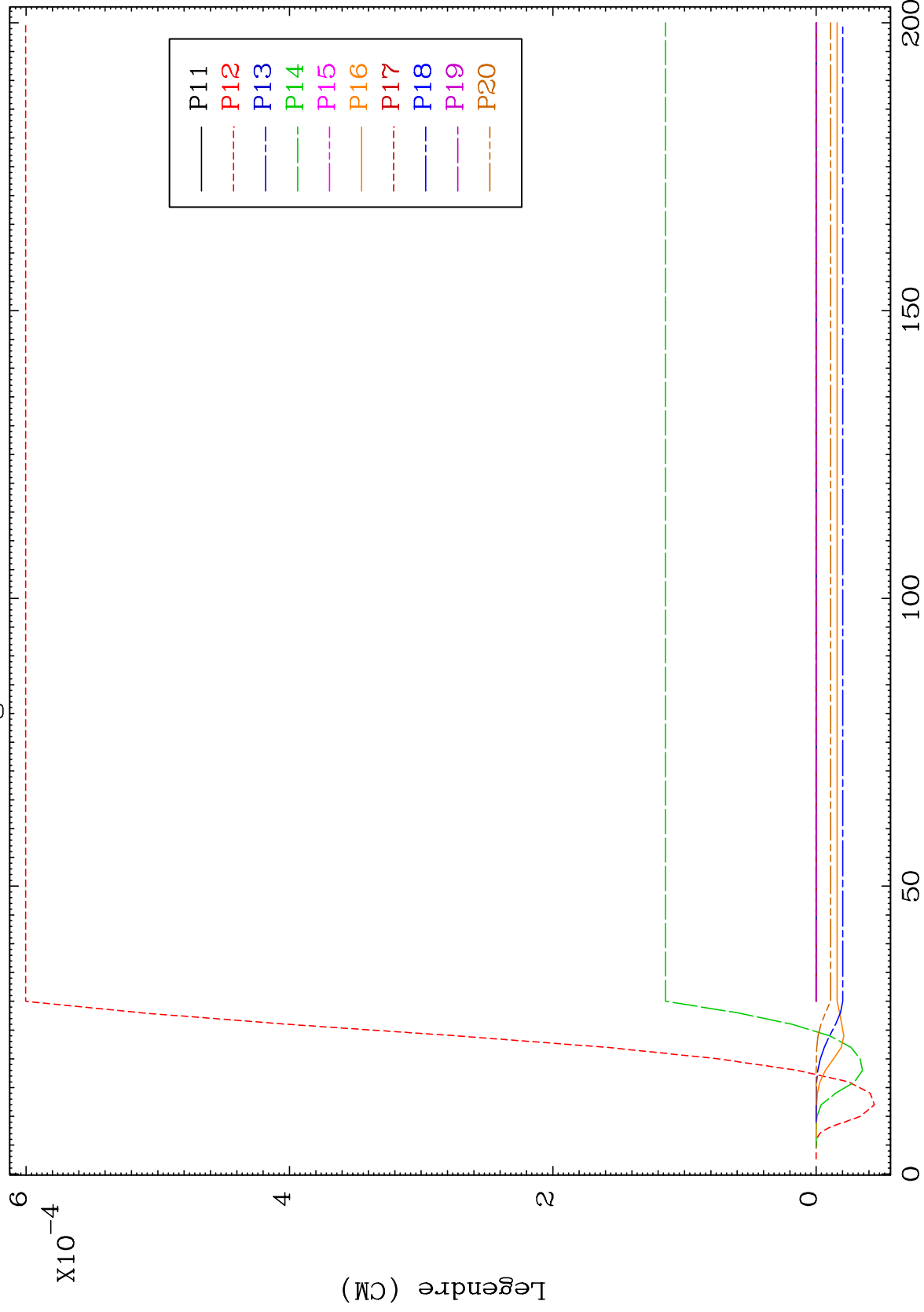
79-Au-190



MAT 7904

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

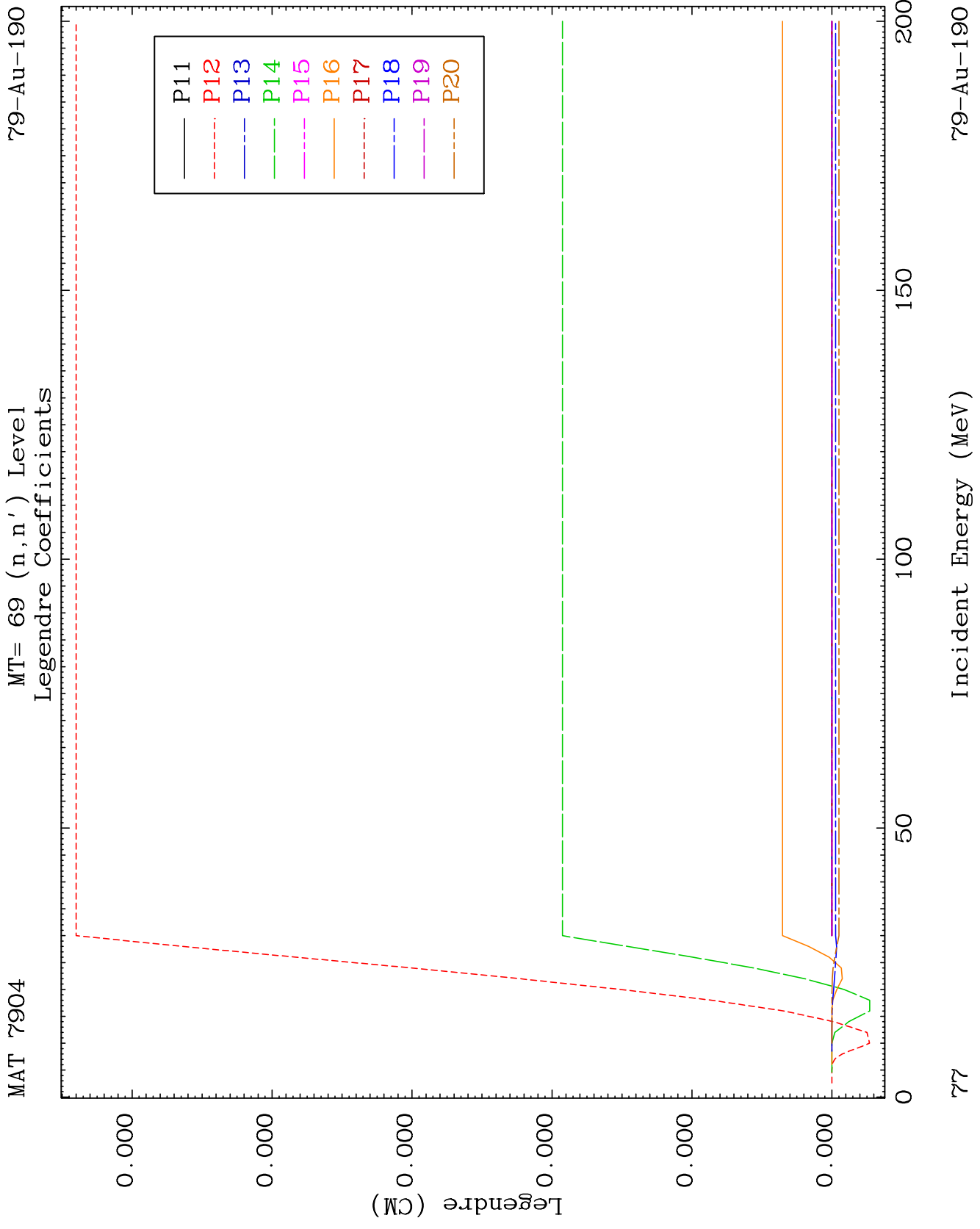
79-Au-190

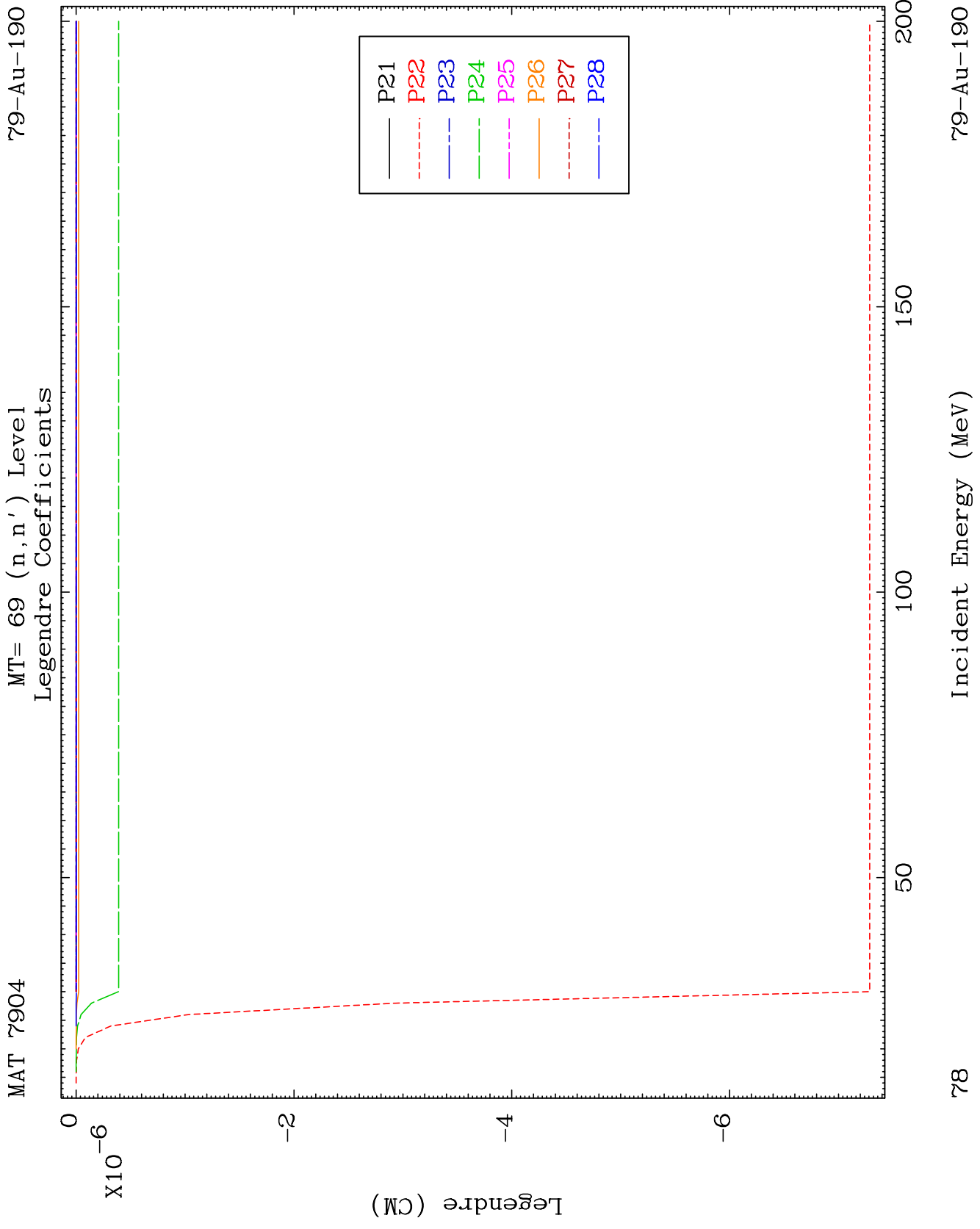


74

Incident Energy (MeV)

79-Au-190

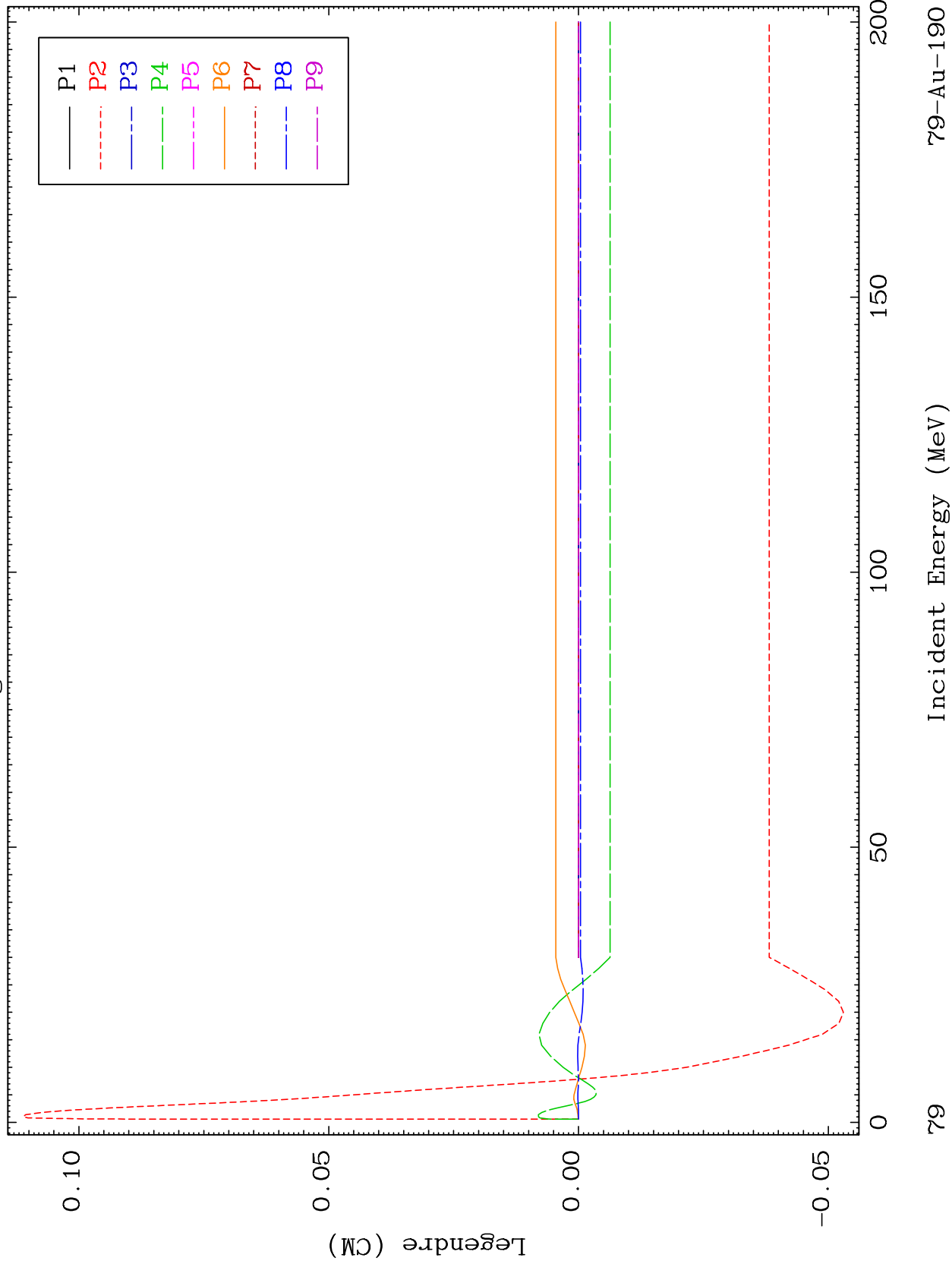




MAT 7904

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

79-Au-190



79-Au-190

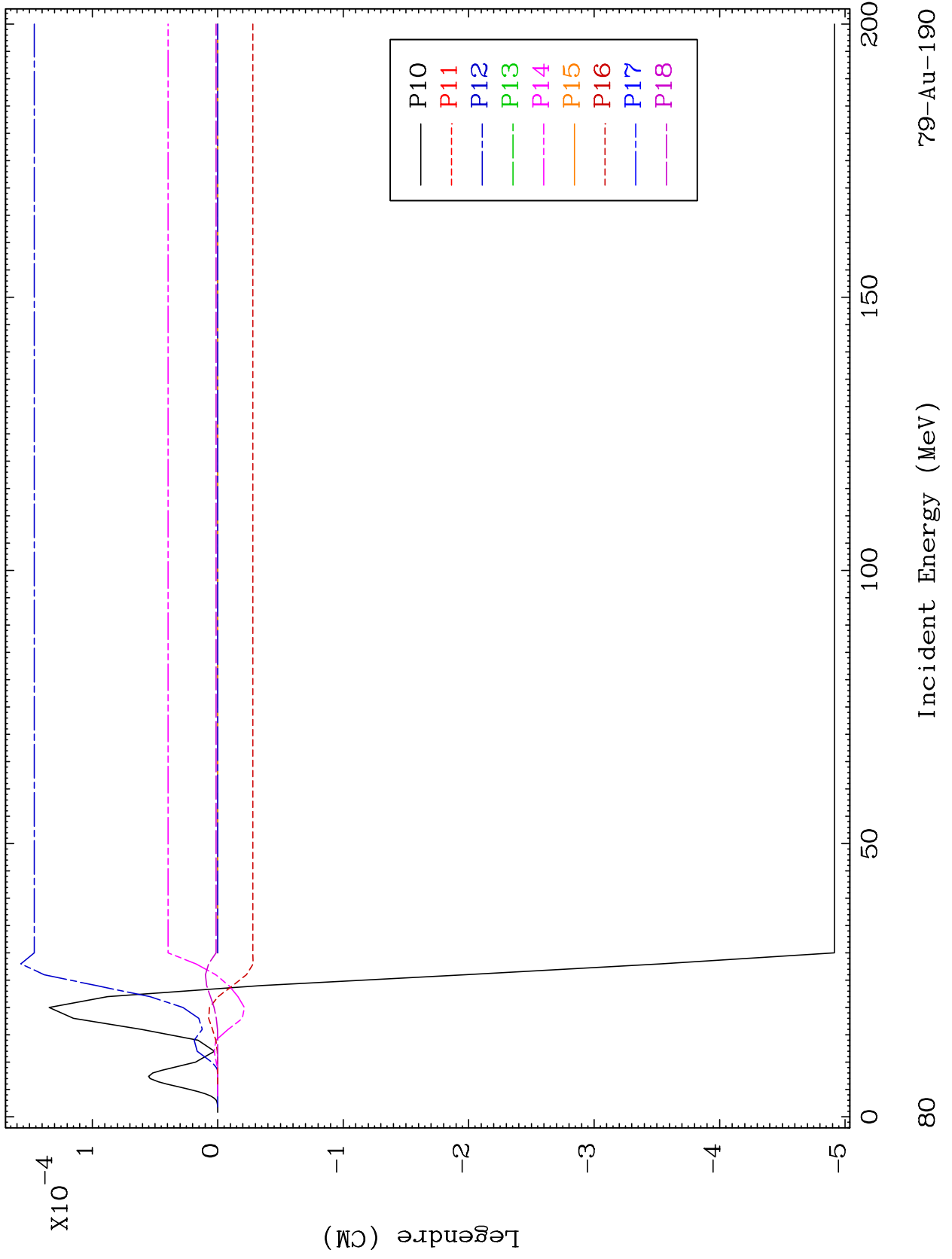
Incident Energy (MeV)

79

MAT 7904

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

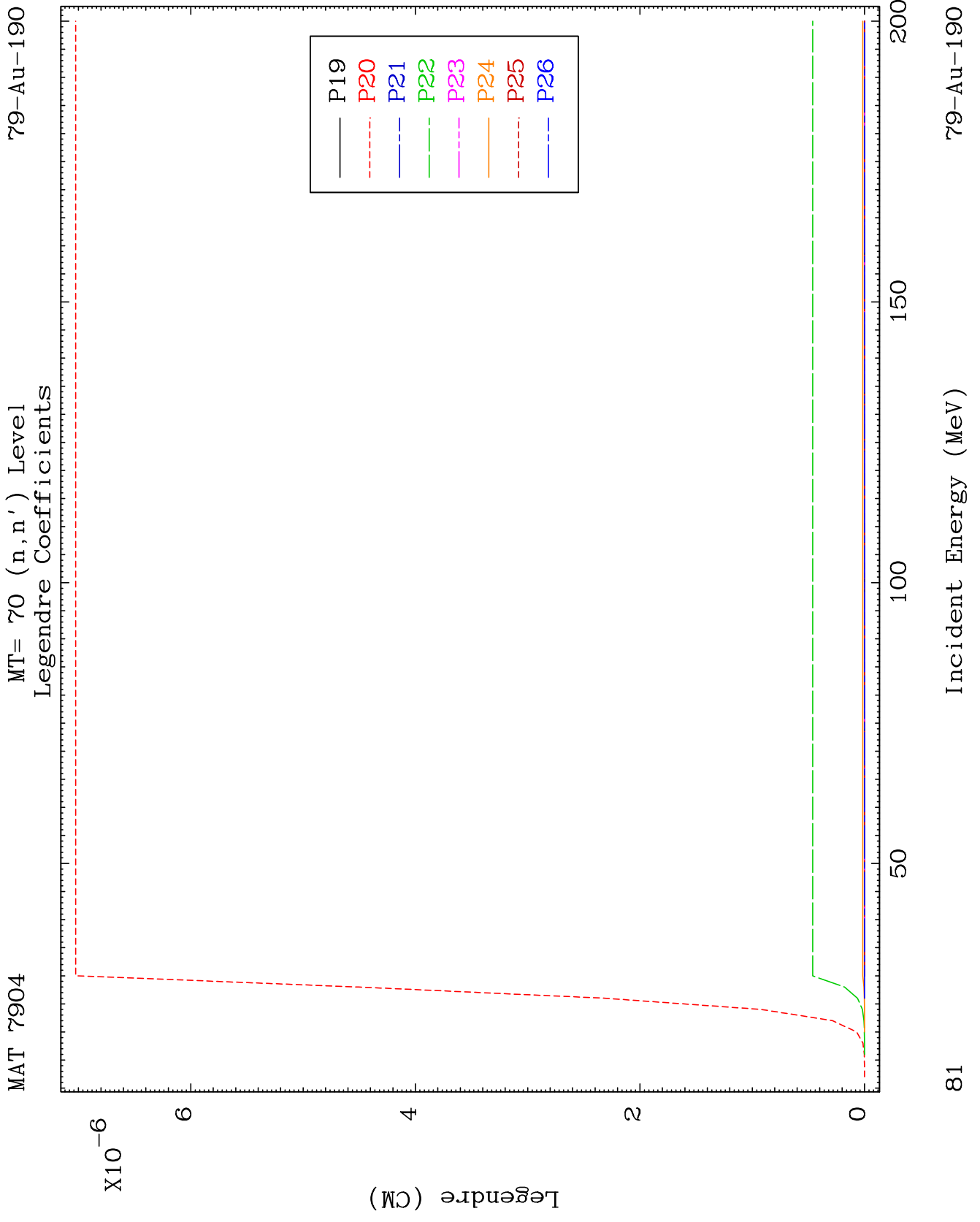
79-Au-190

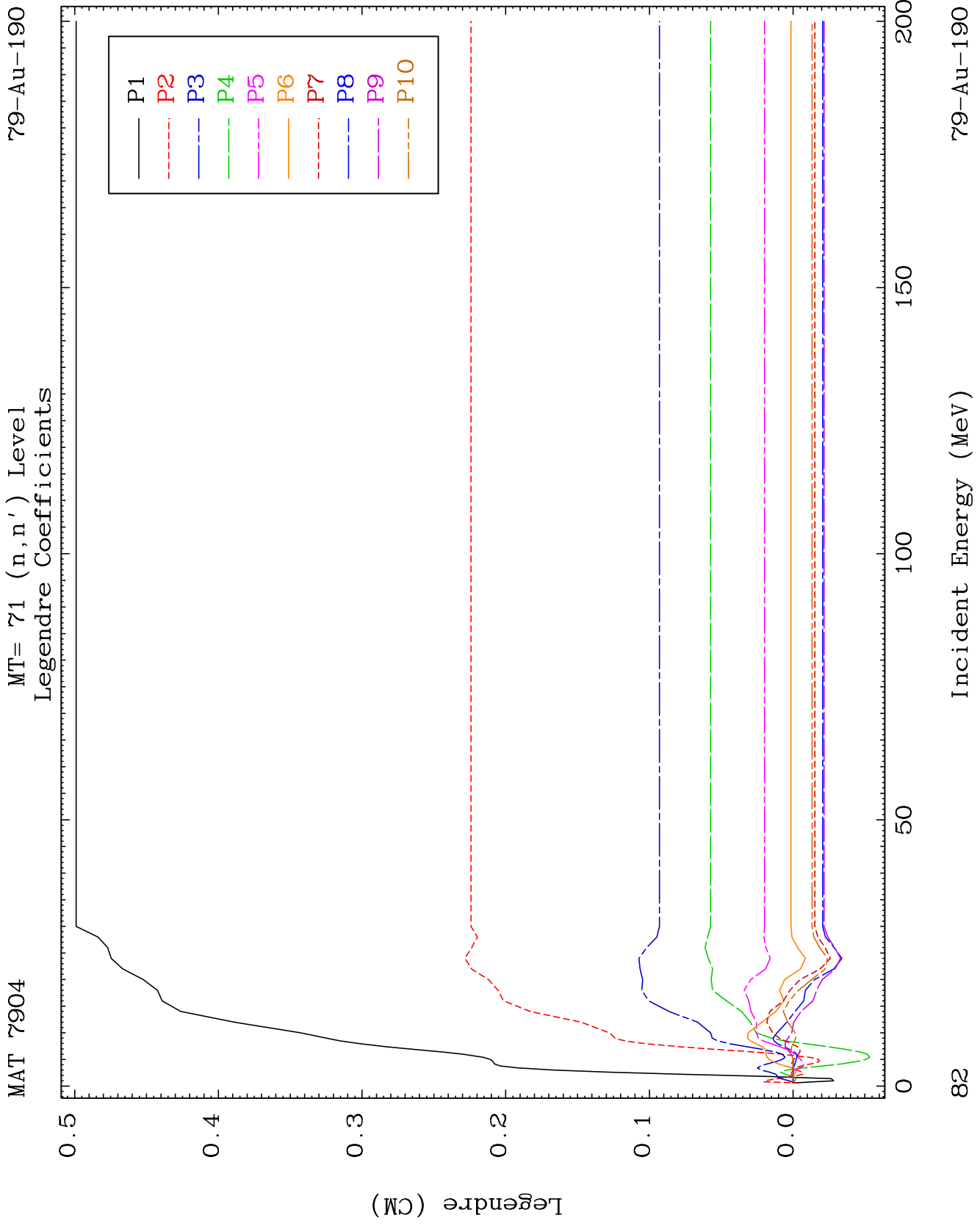


79-Au-190

Incident Energy (MeV)

80

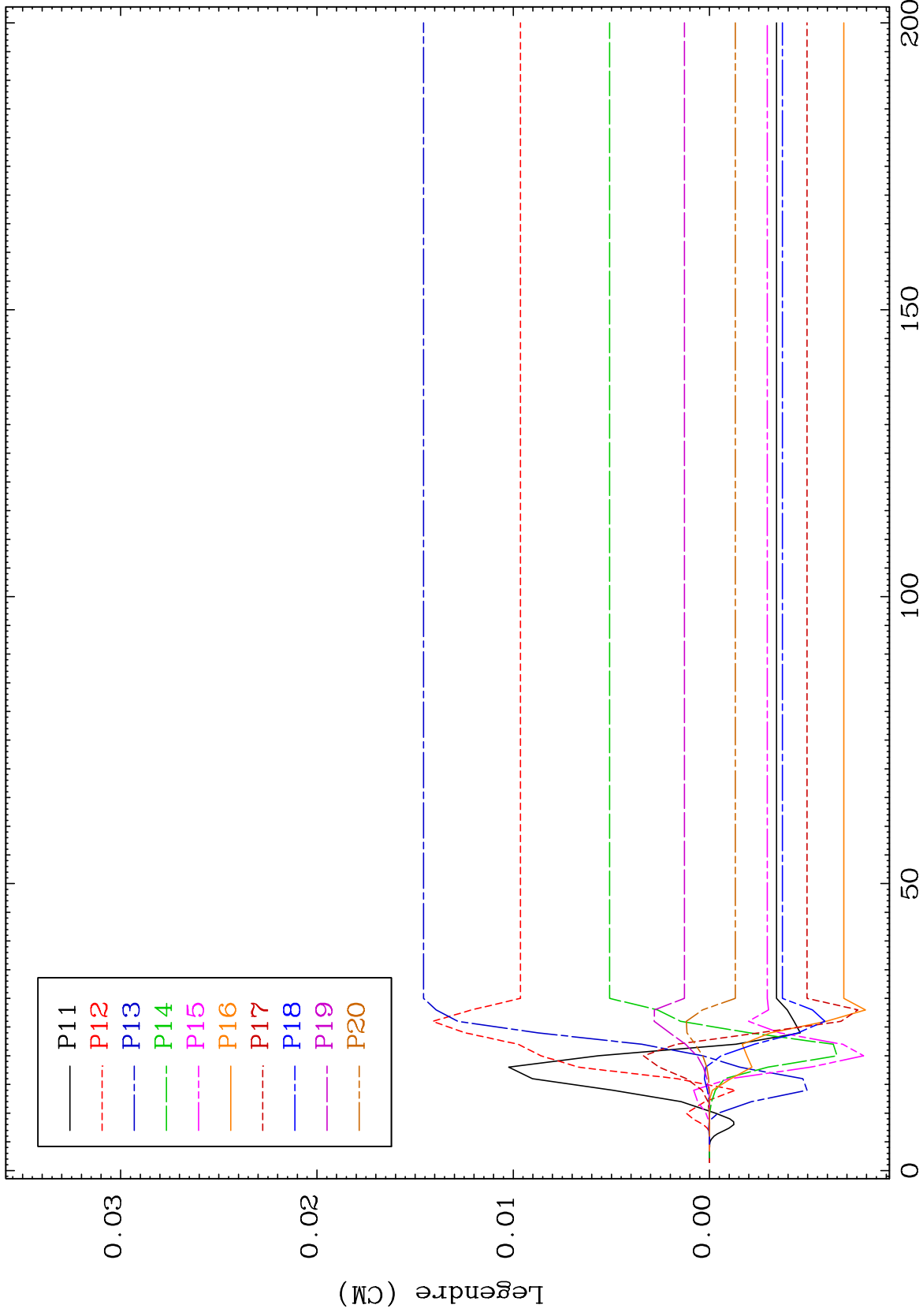




MAT 7904

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

79-Au-190



83

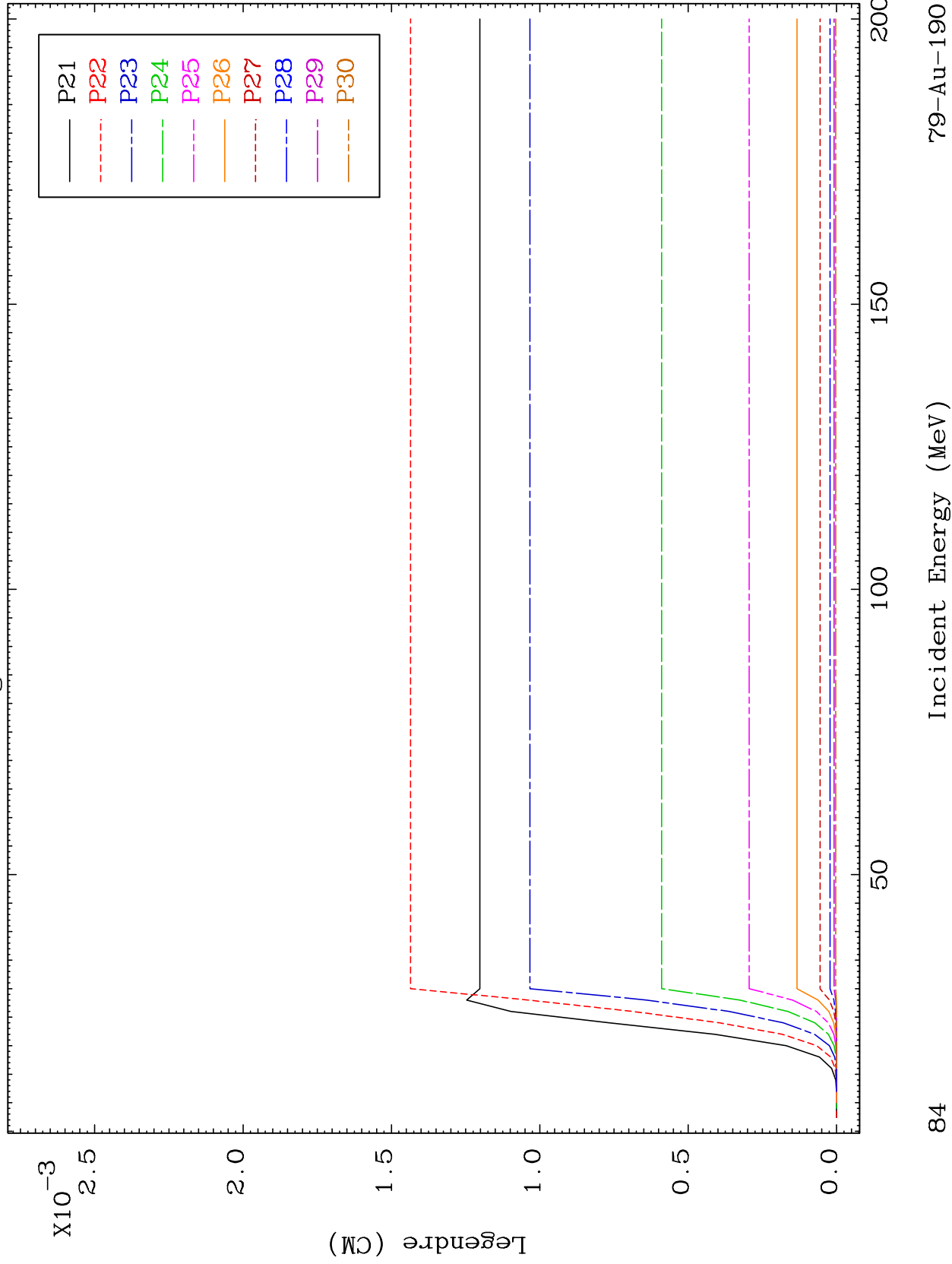
Incident Energy (MeV)

79-Au-190

MAT 7904

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

79-Au-190



84

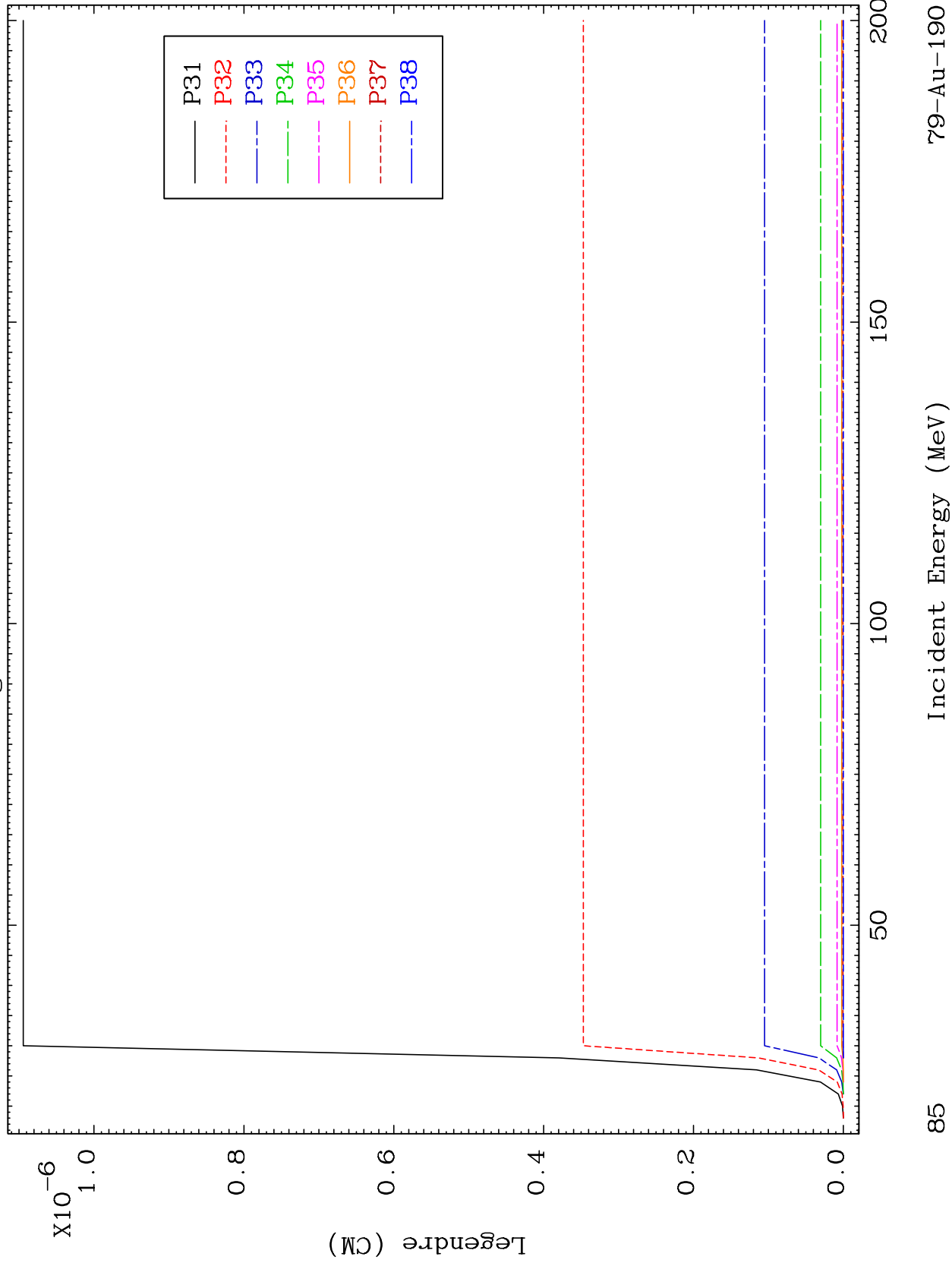
Incident Energy (MeV)

79-Au-190

MAT 7904

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

79-Au-190



85

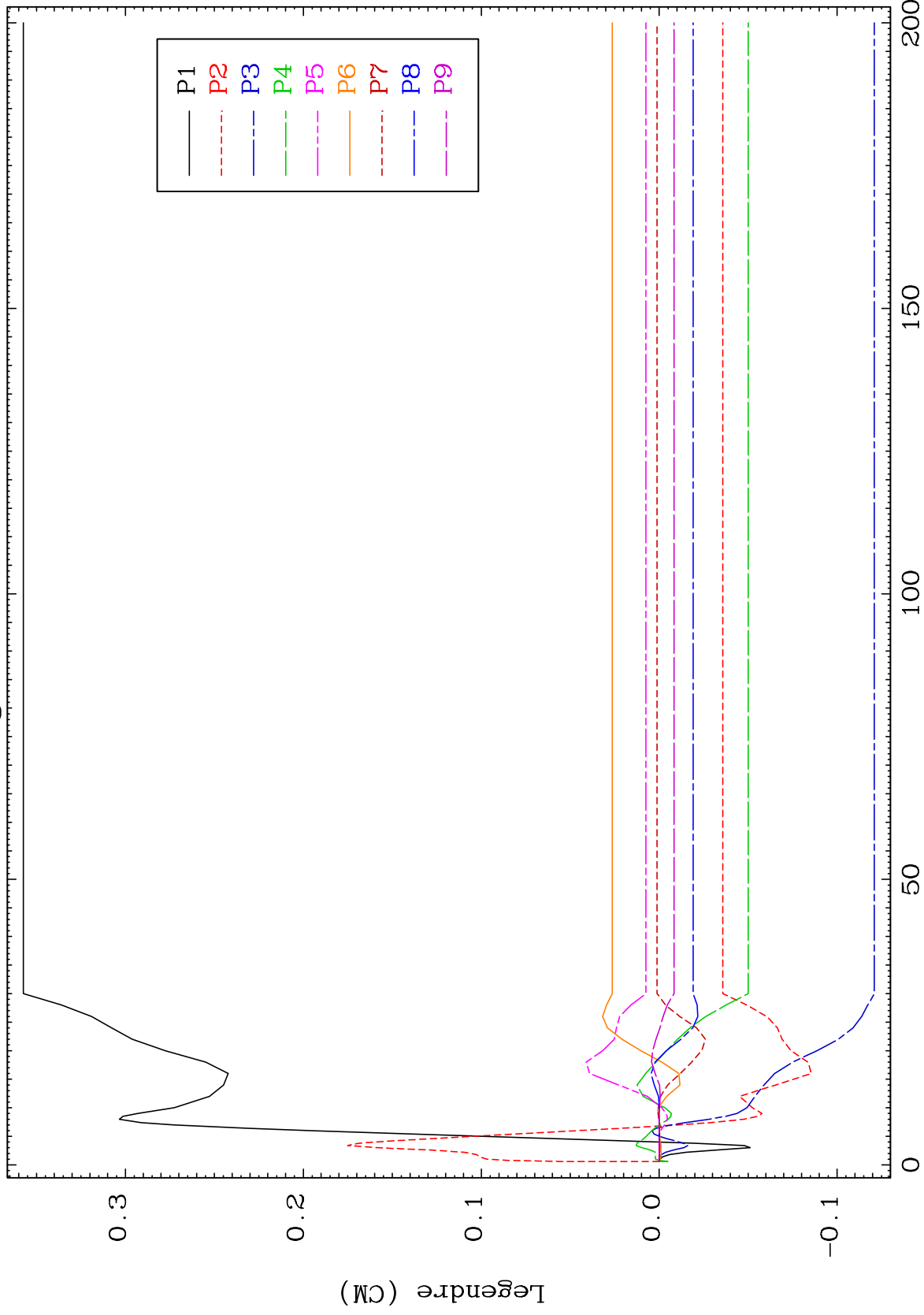
Incident Energy (MeV)

79-Au-190

MAT 7904

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

79-Au-190



86

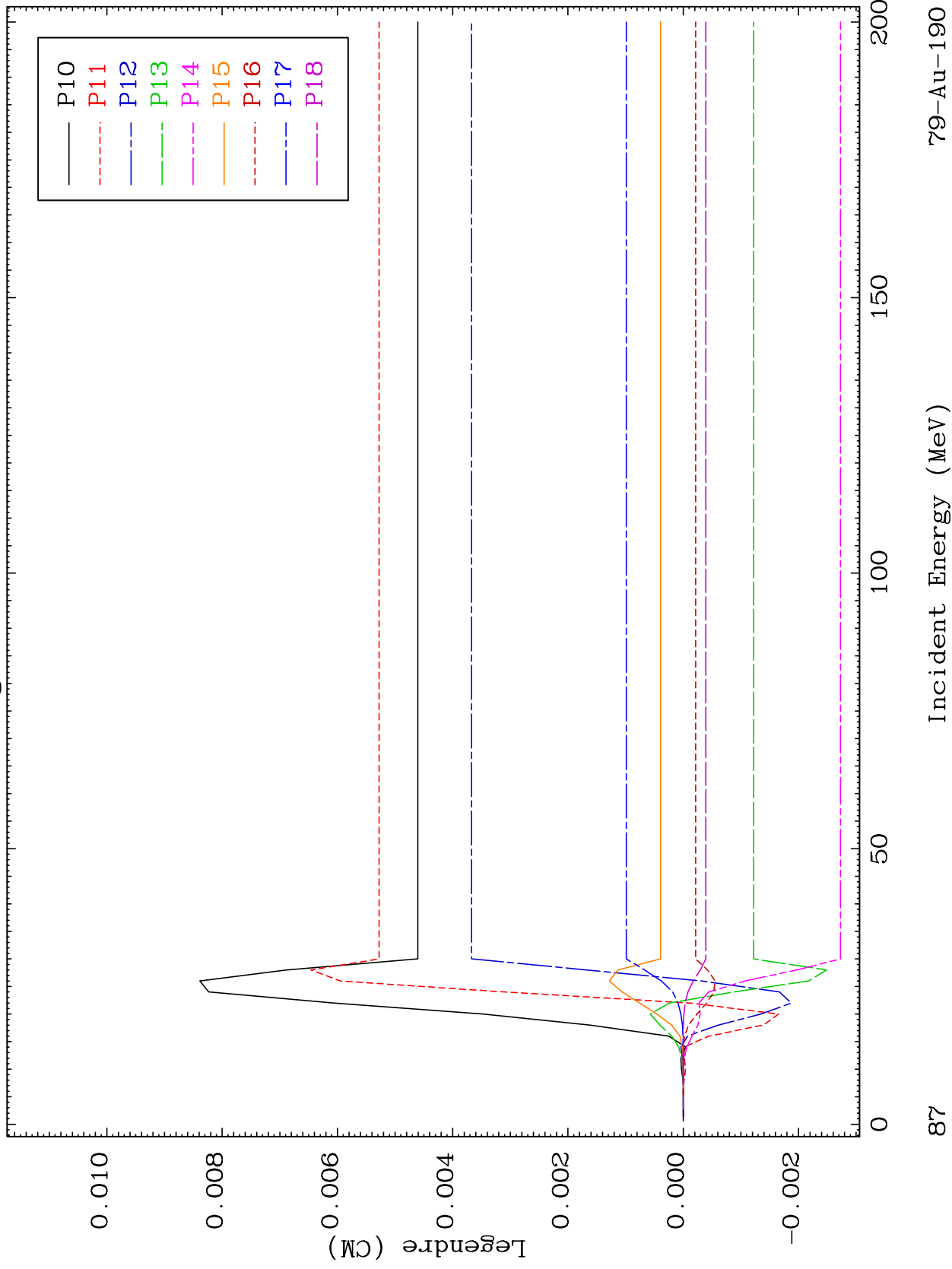
Incident Energy (MeV)

79-Au-190

MAT 7904

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

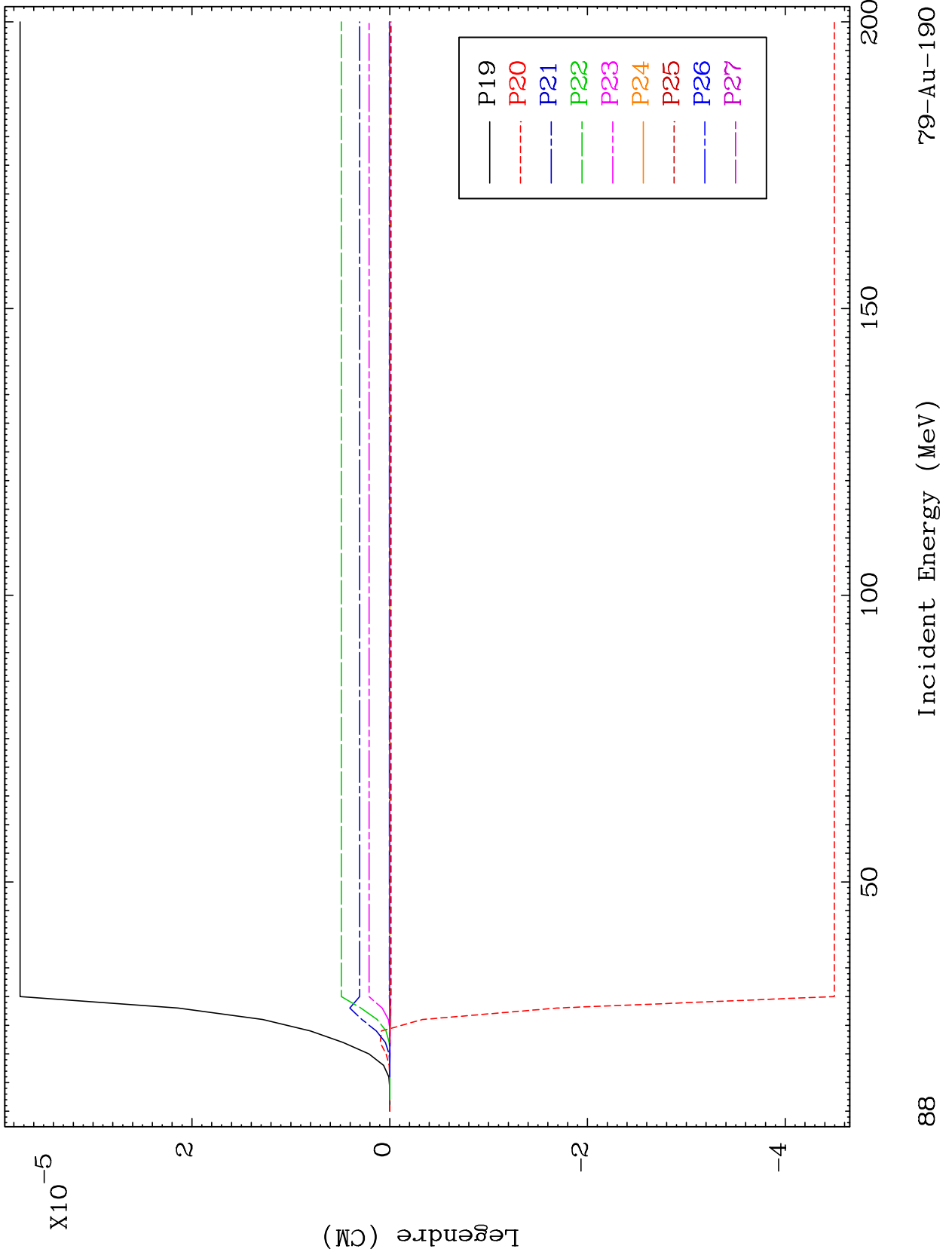
79-Au-190



87

Incident Energy (MeV)

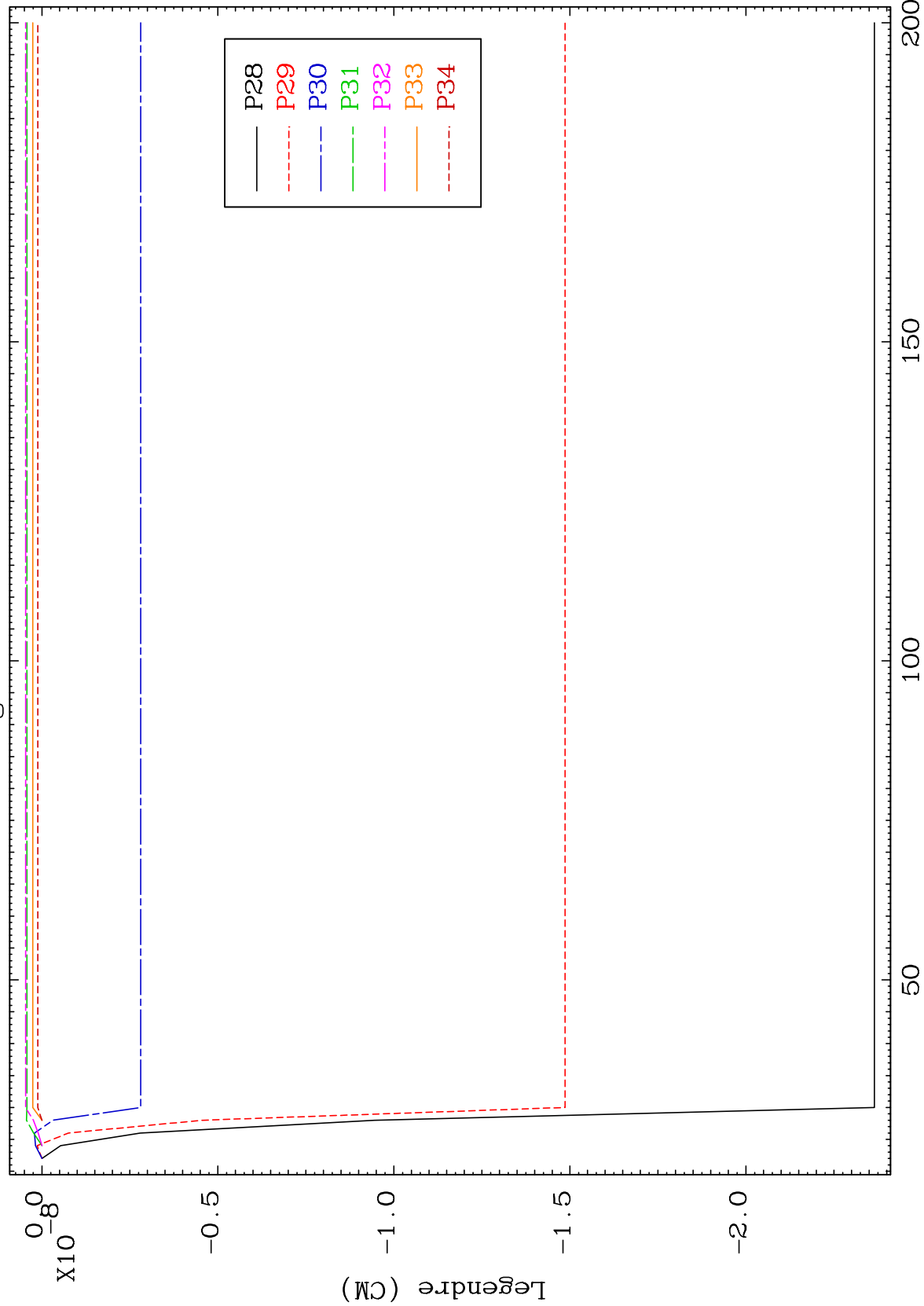
79-Au-190



MAT 7904

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

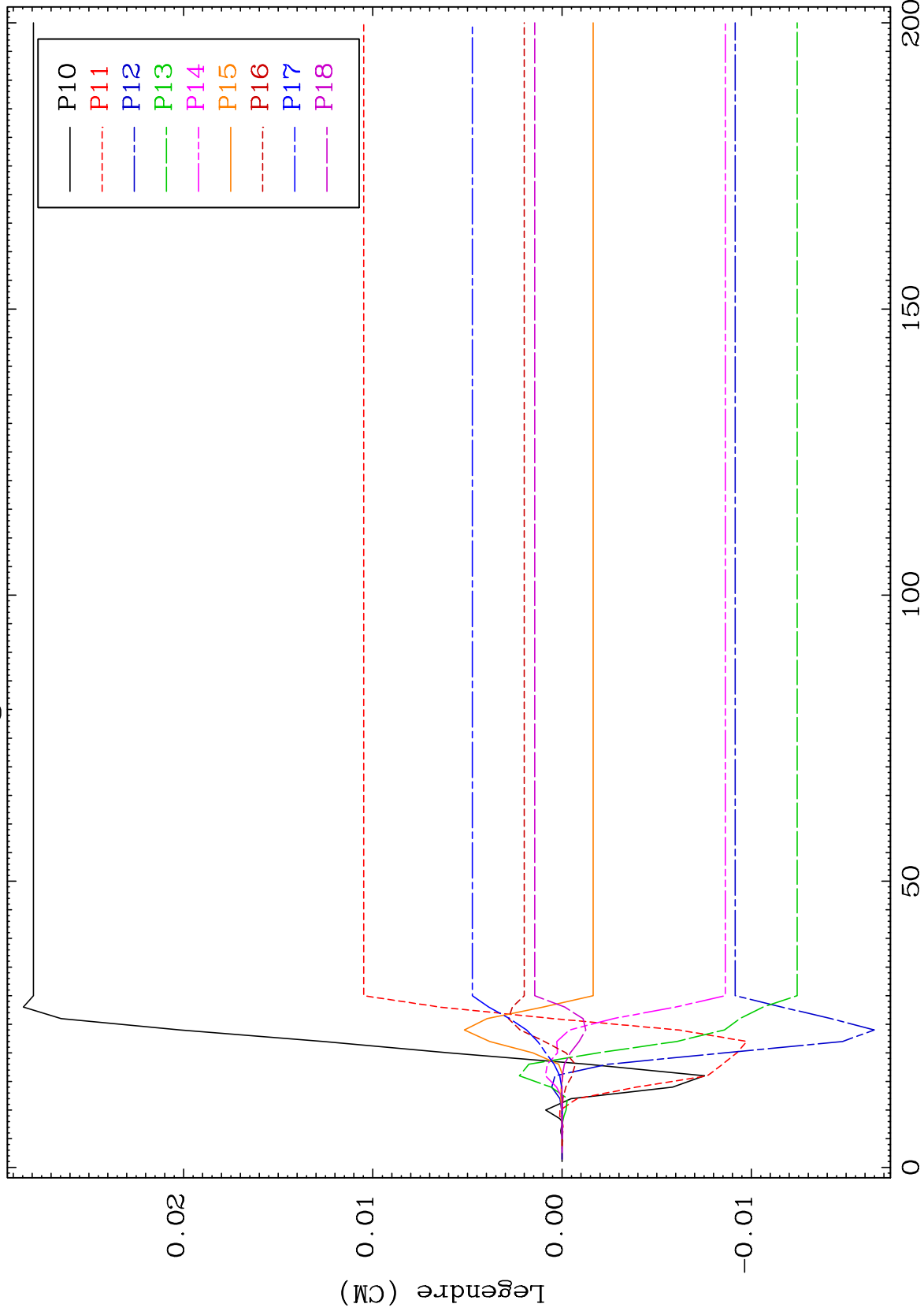
79-Au-190



MAT 7904

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

79-Au-190



91

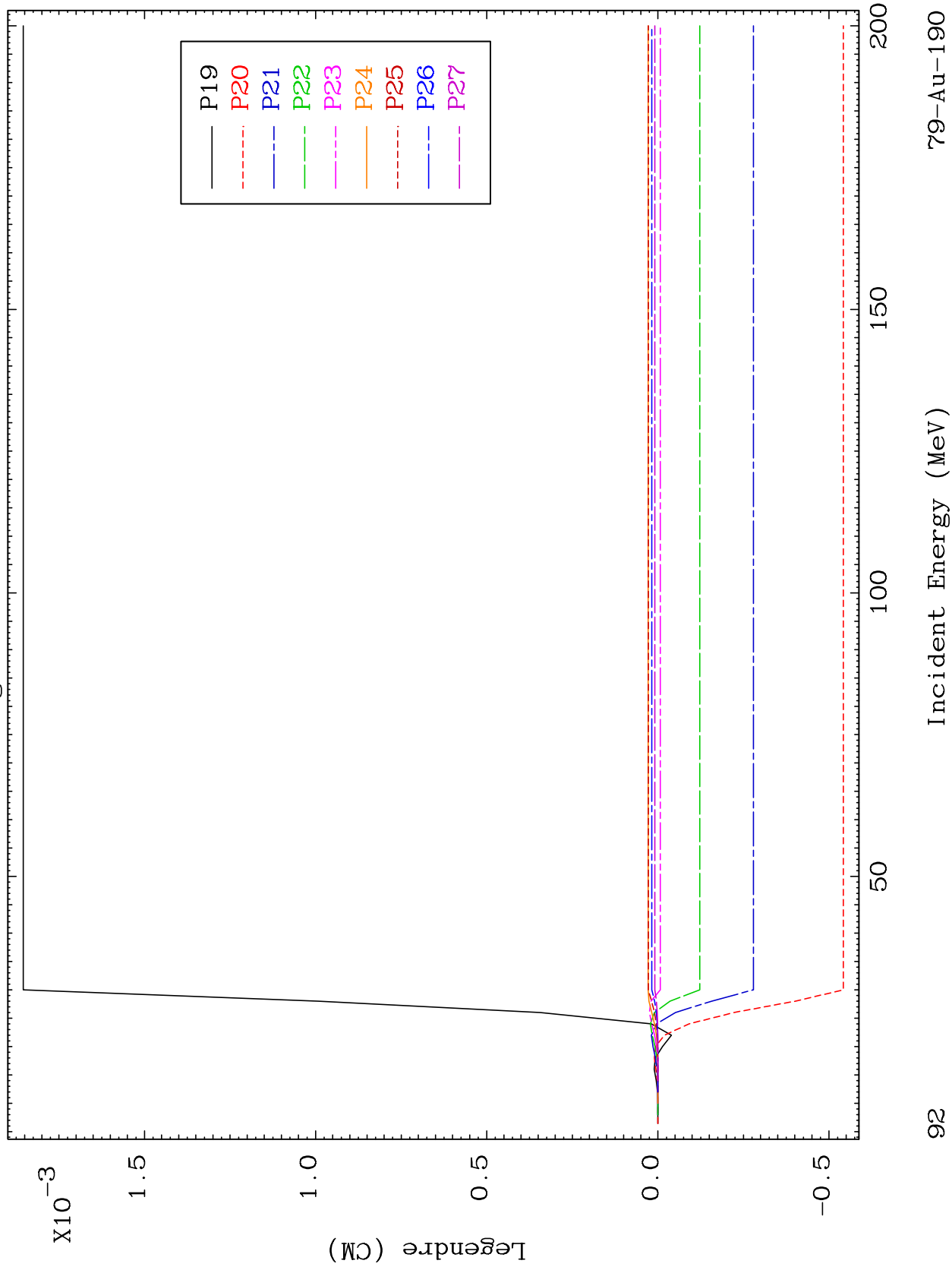
Incident Energy (MeV)

79-Au-190

MAT 7904

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

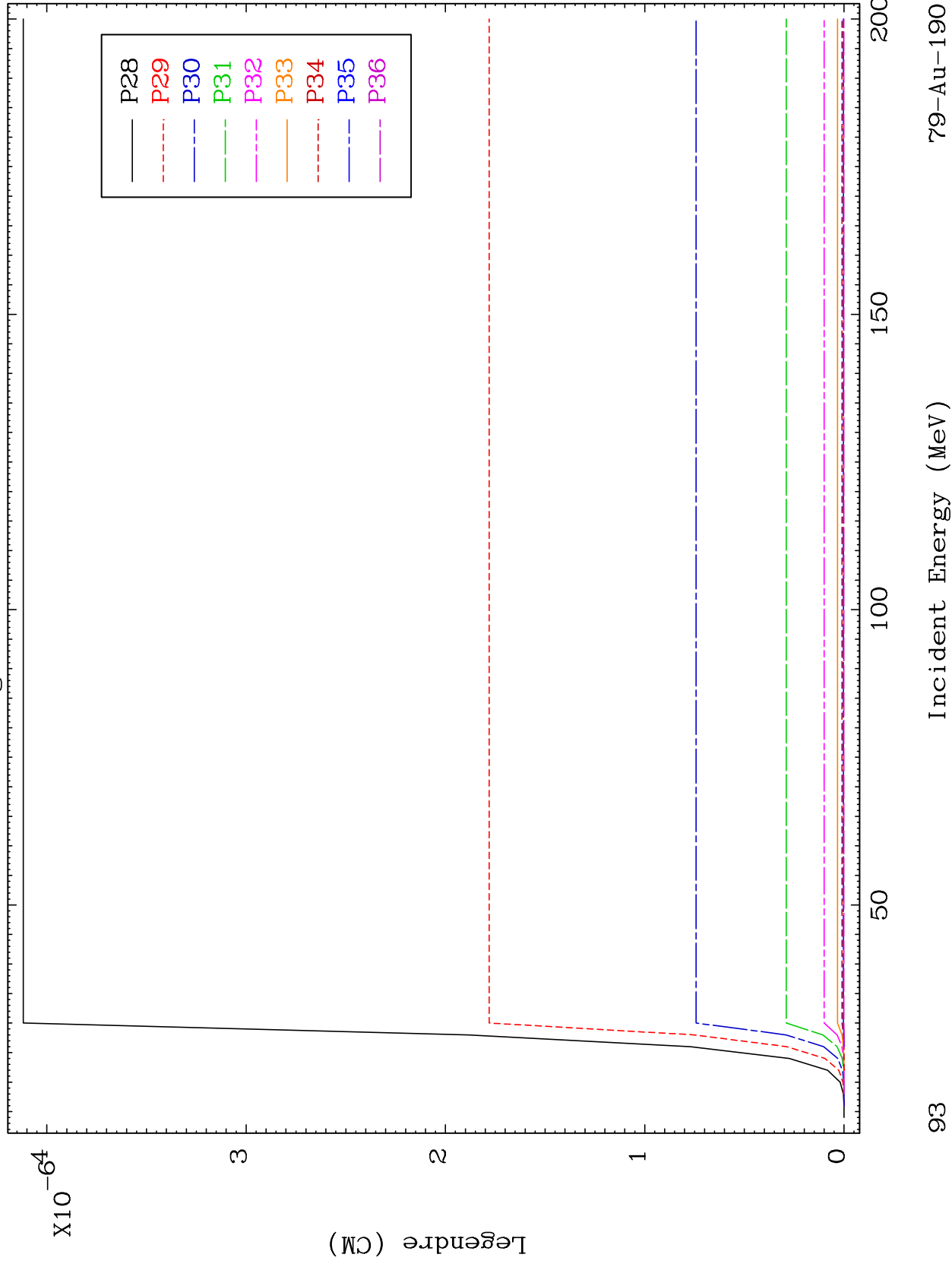
79-Au-190



MAT 7904

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

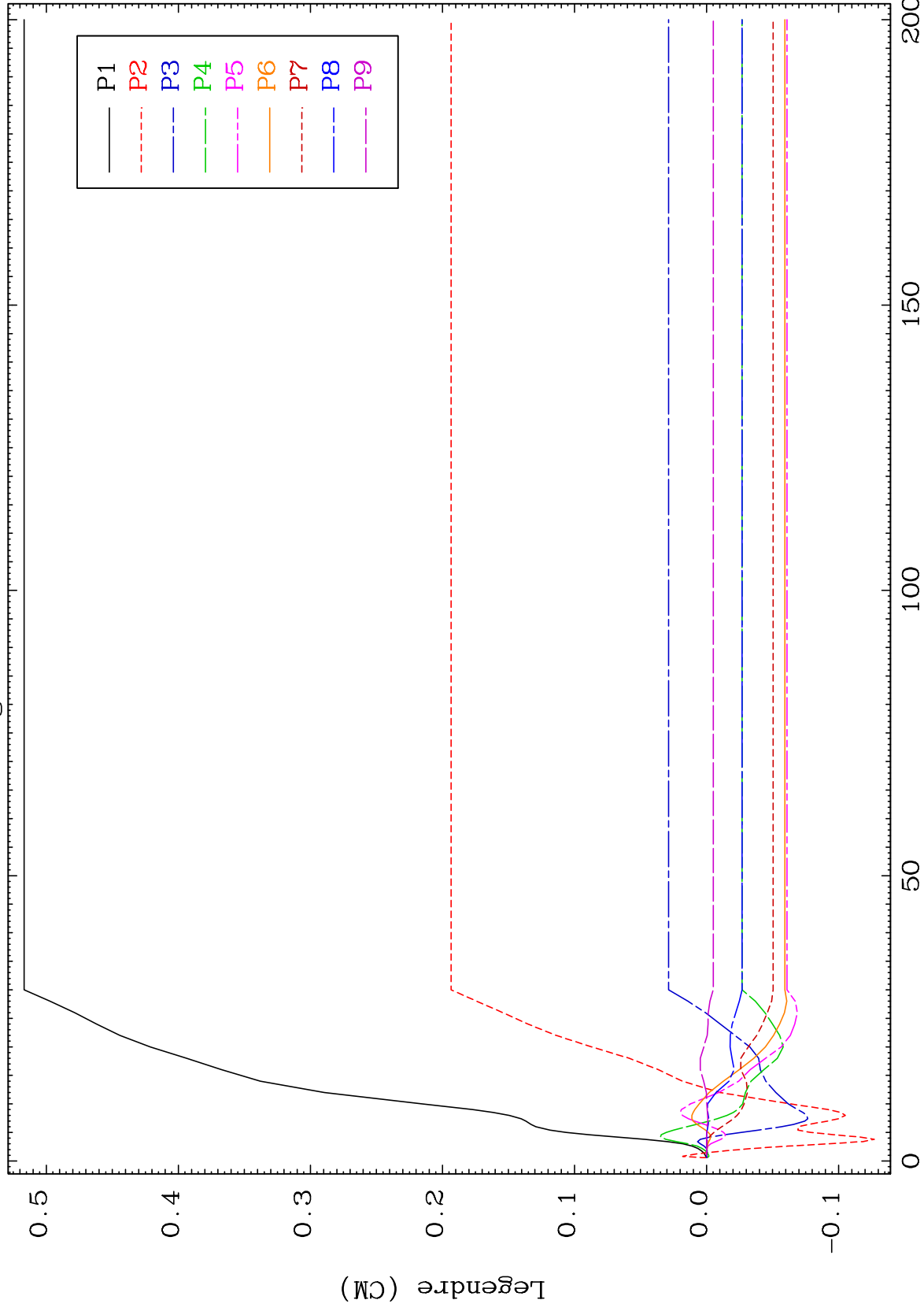
79-Au-190



MAT 7904

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

79-Au-190



94

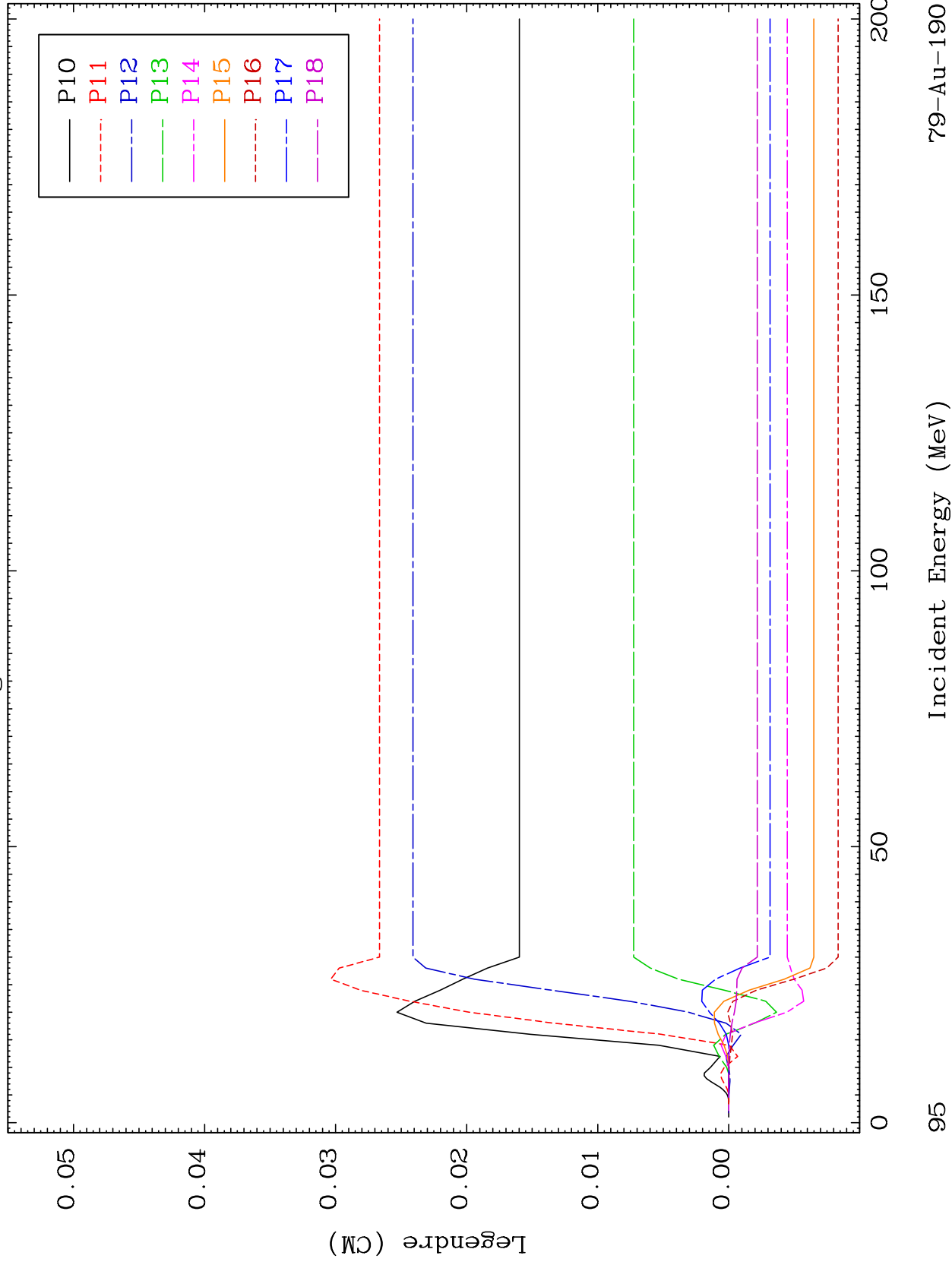
Incident Energy (MeV)

79-Au-190

MAT 7904

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

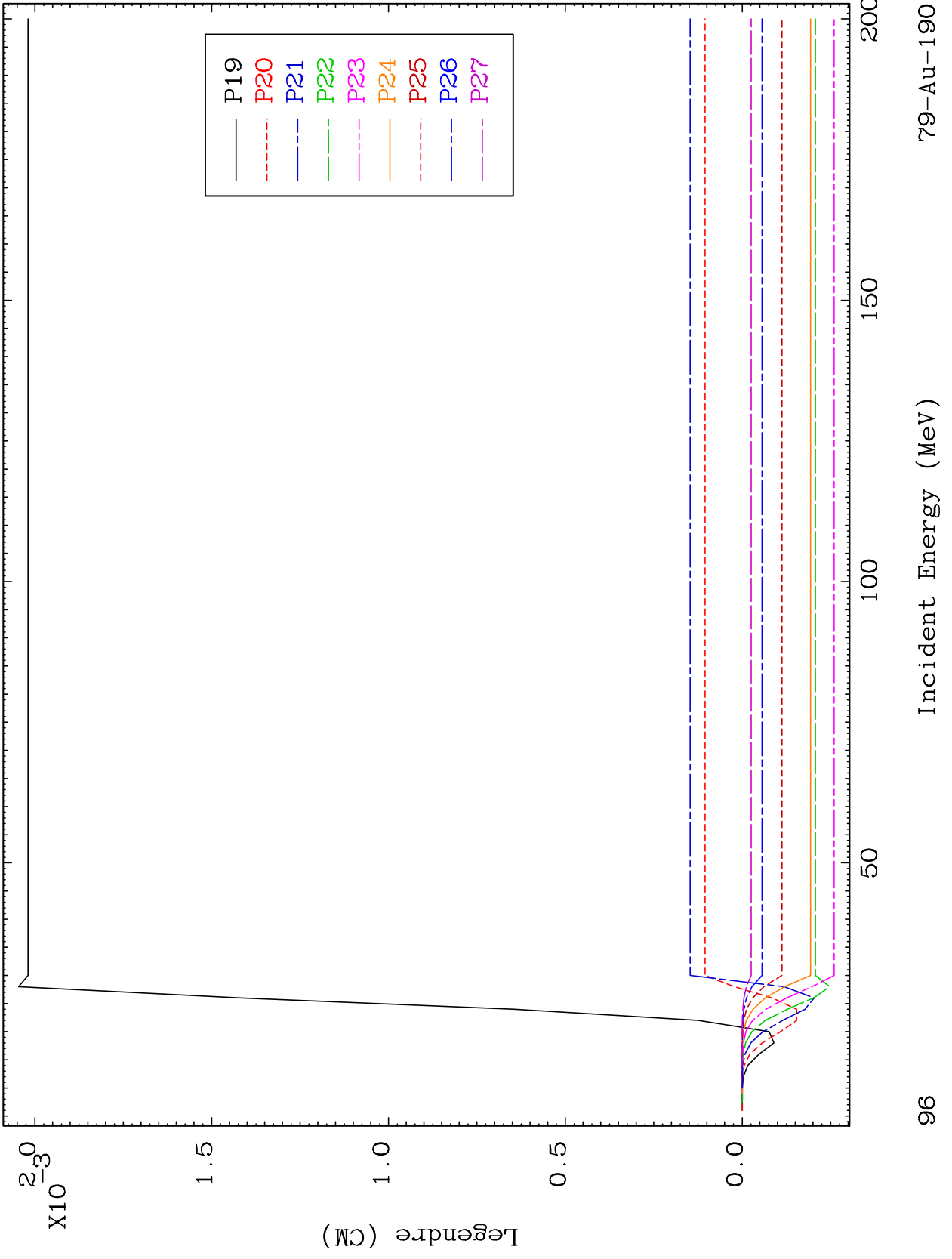
79-Au-190

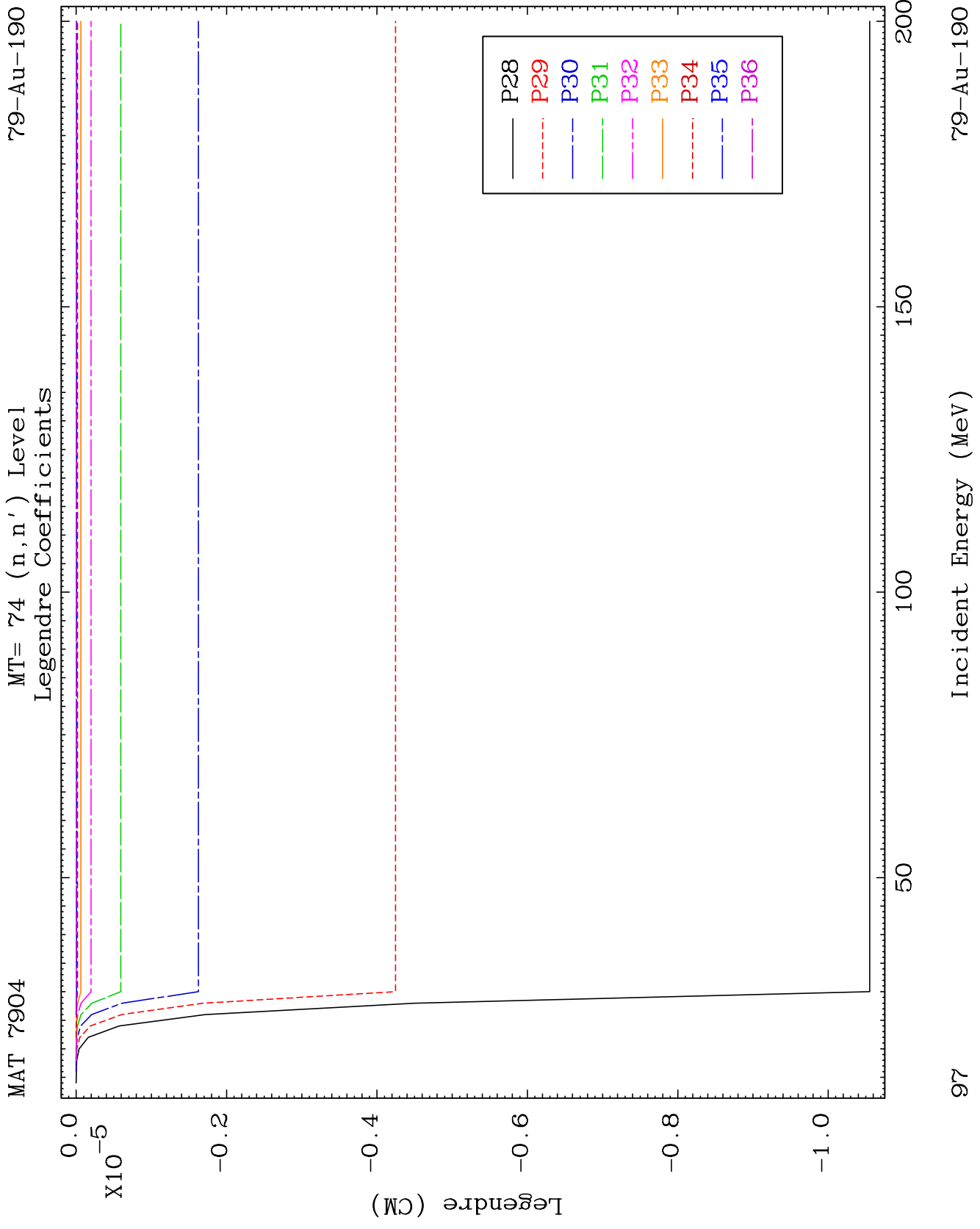


MAT 7904

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

79-Au-190

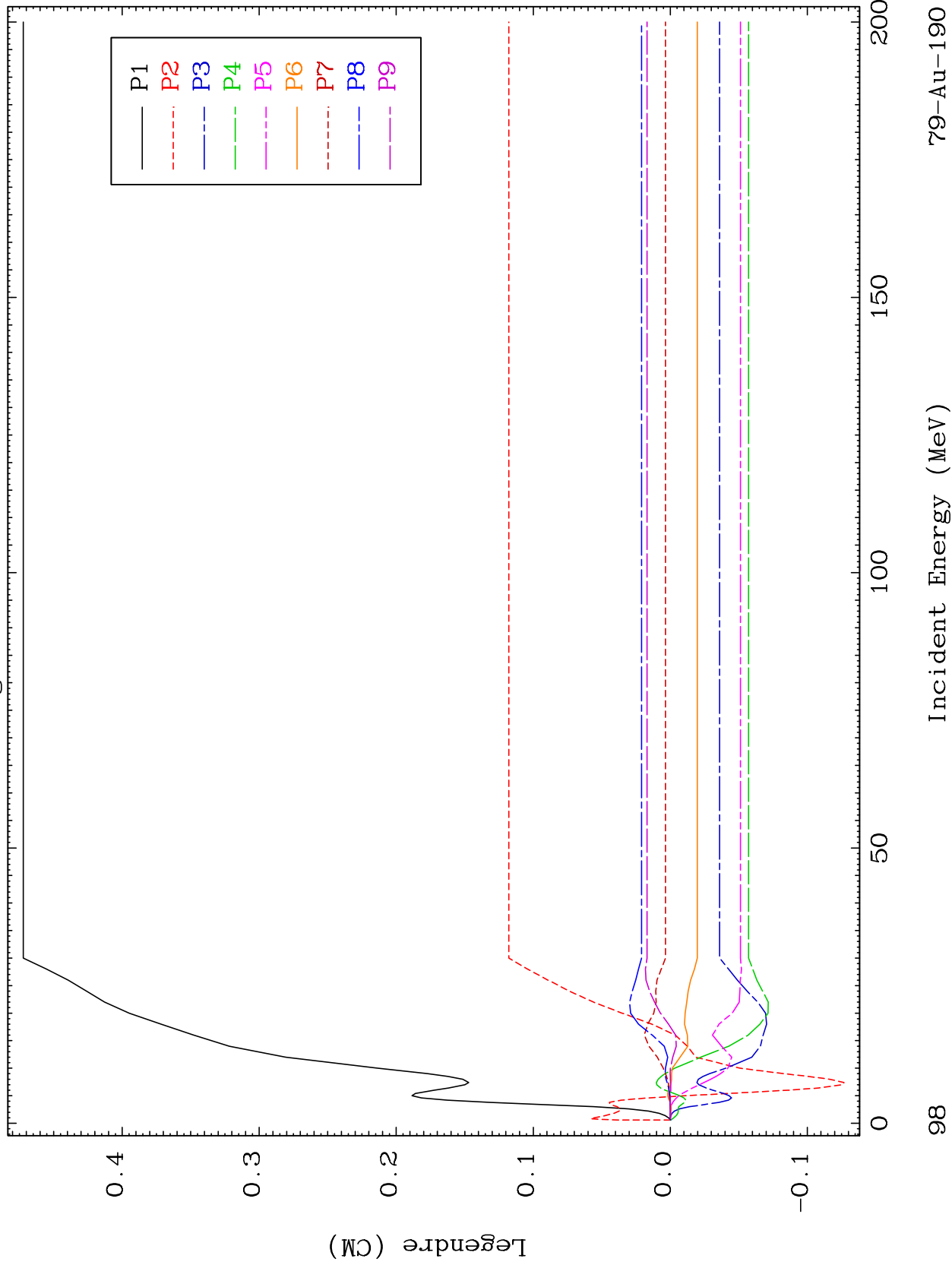




MAT 7904

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

79-Au-190



79-Au-190

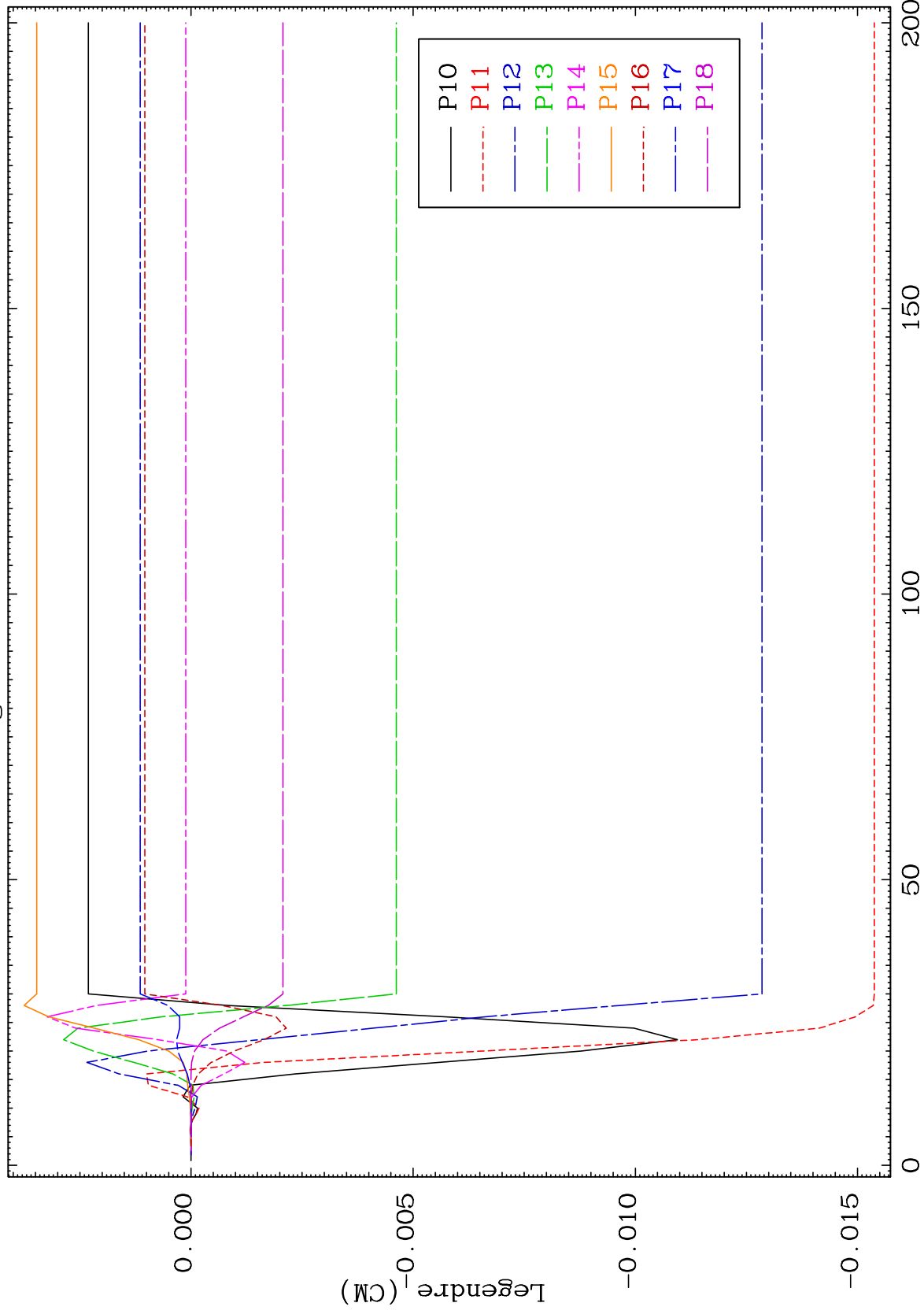
Incident Energy (MeV)

98

MAT 7904

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

79-Au-190



99

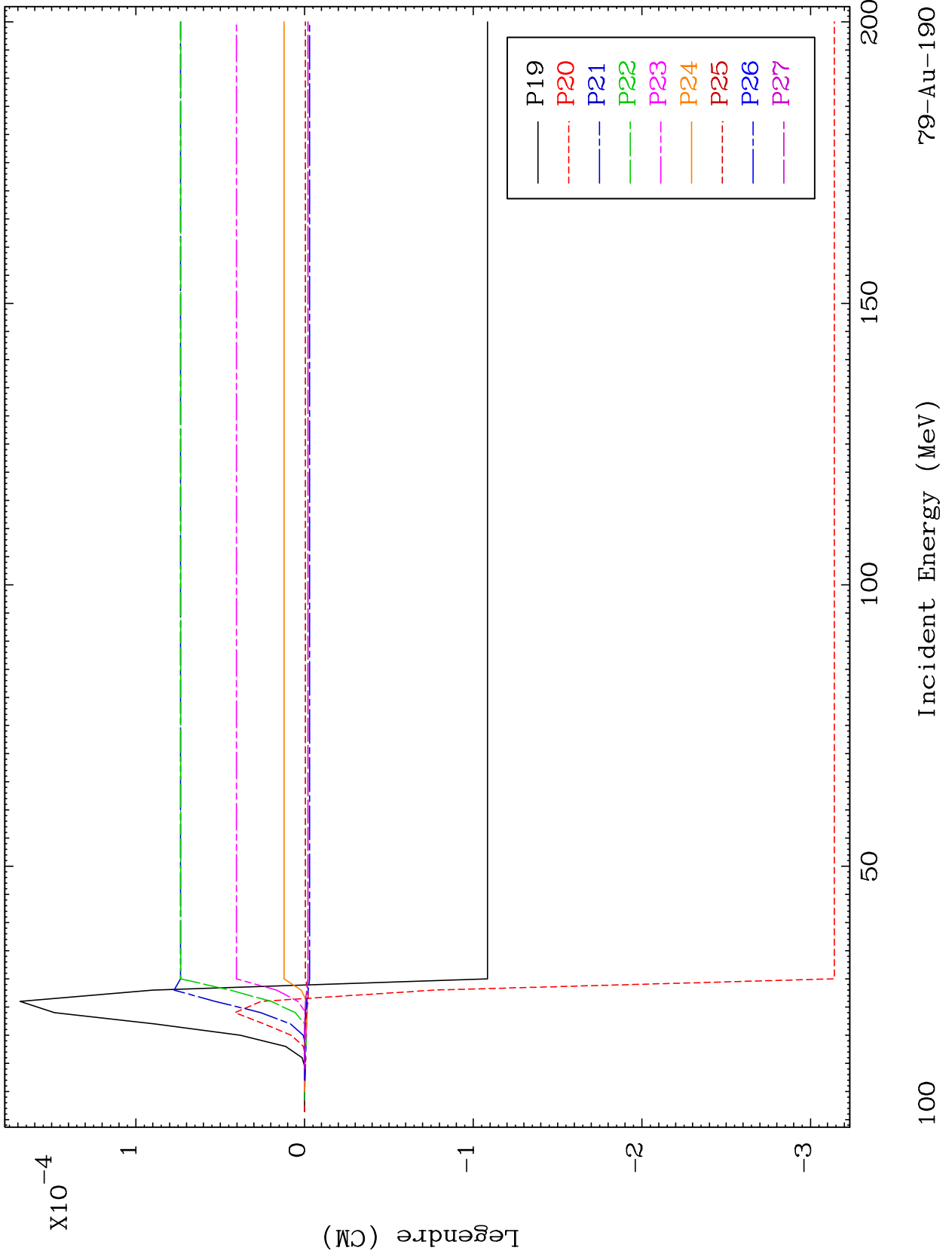
Incident Energy (MeV)

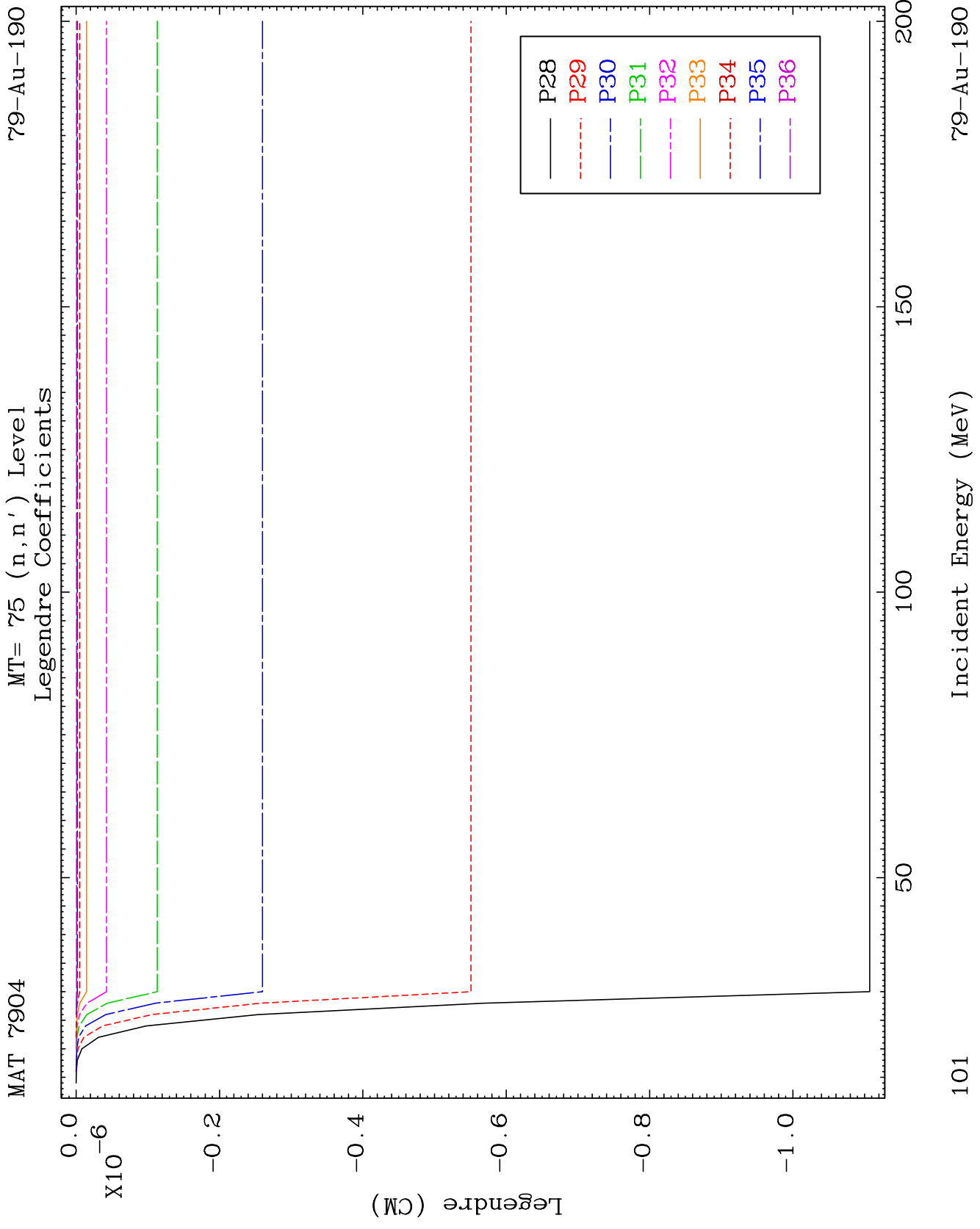
79-Au-190

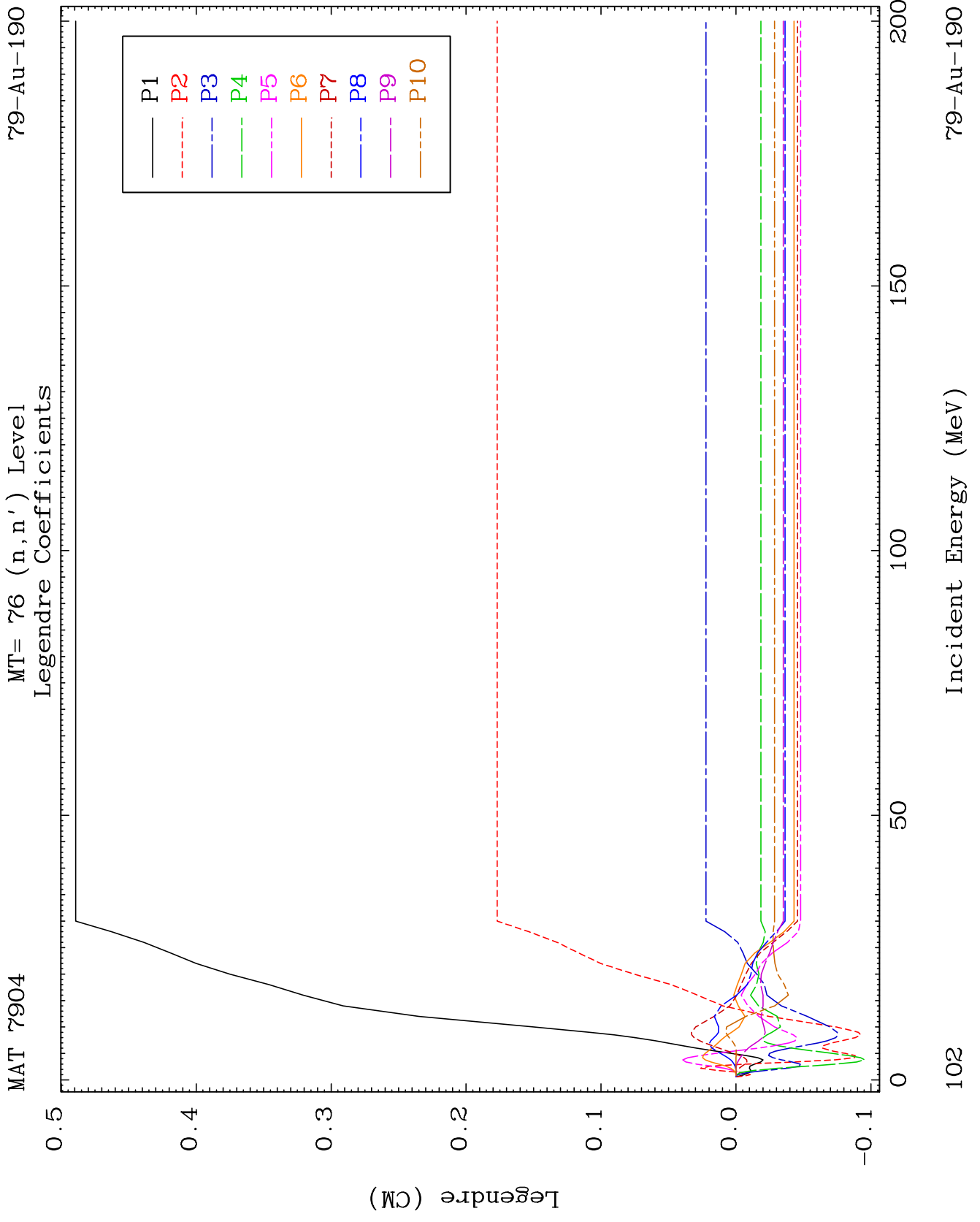
MAT 7904

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

79-Au-190



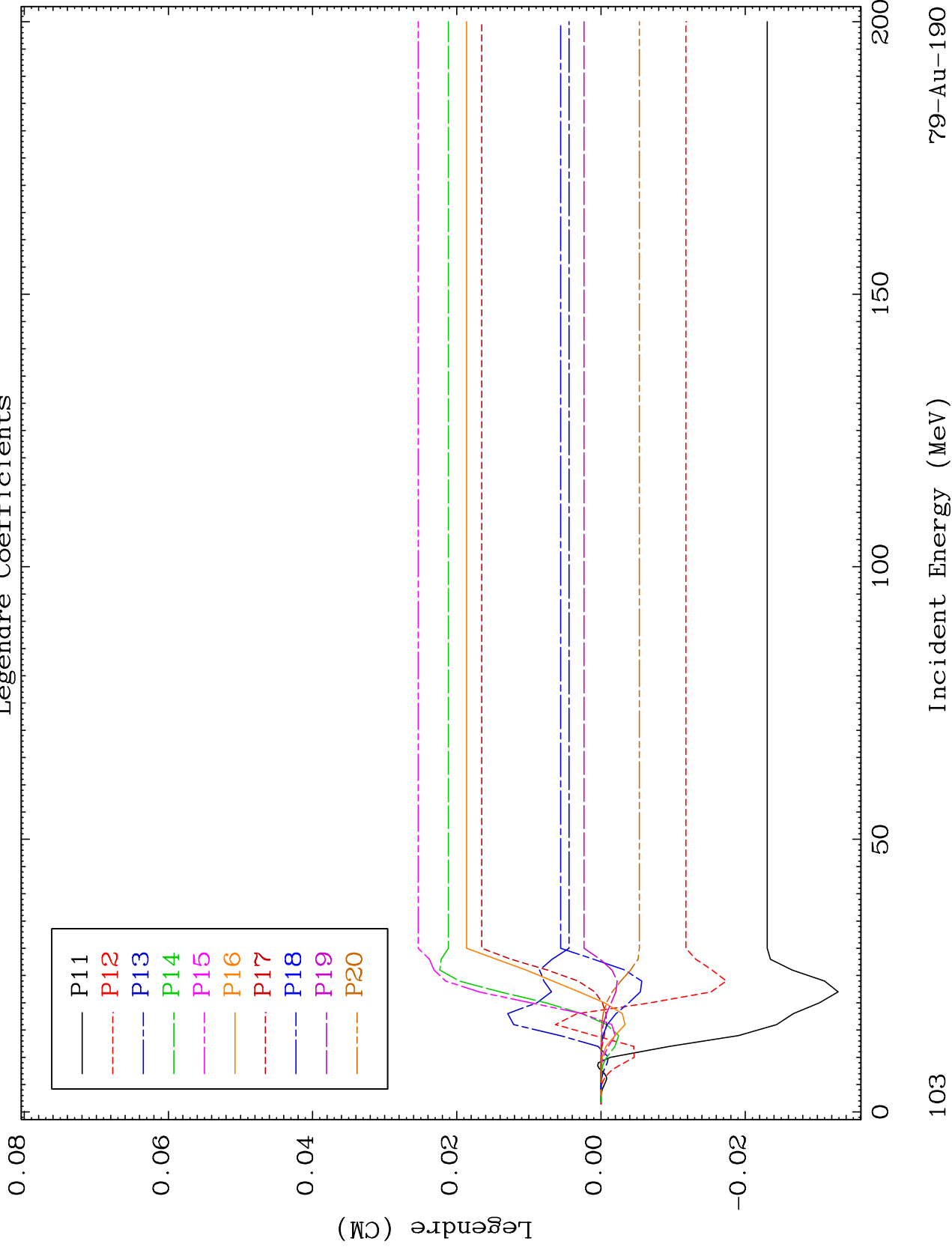




MAT 7904

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

79-Au-190



79-Au-190

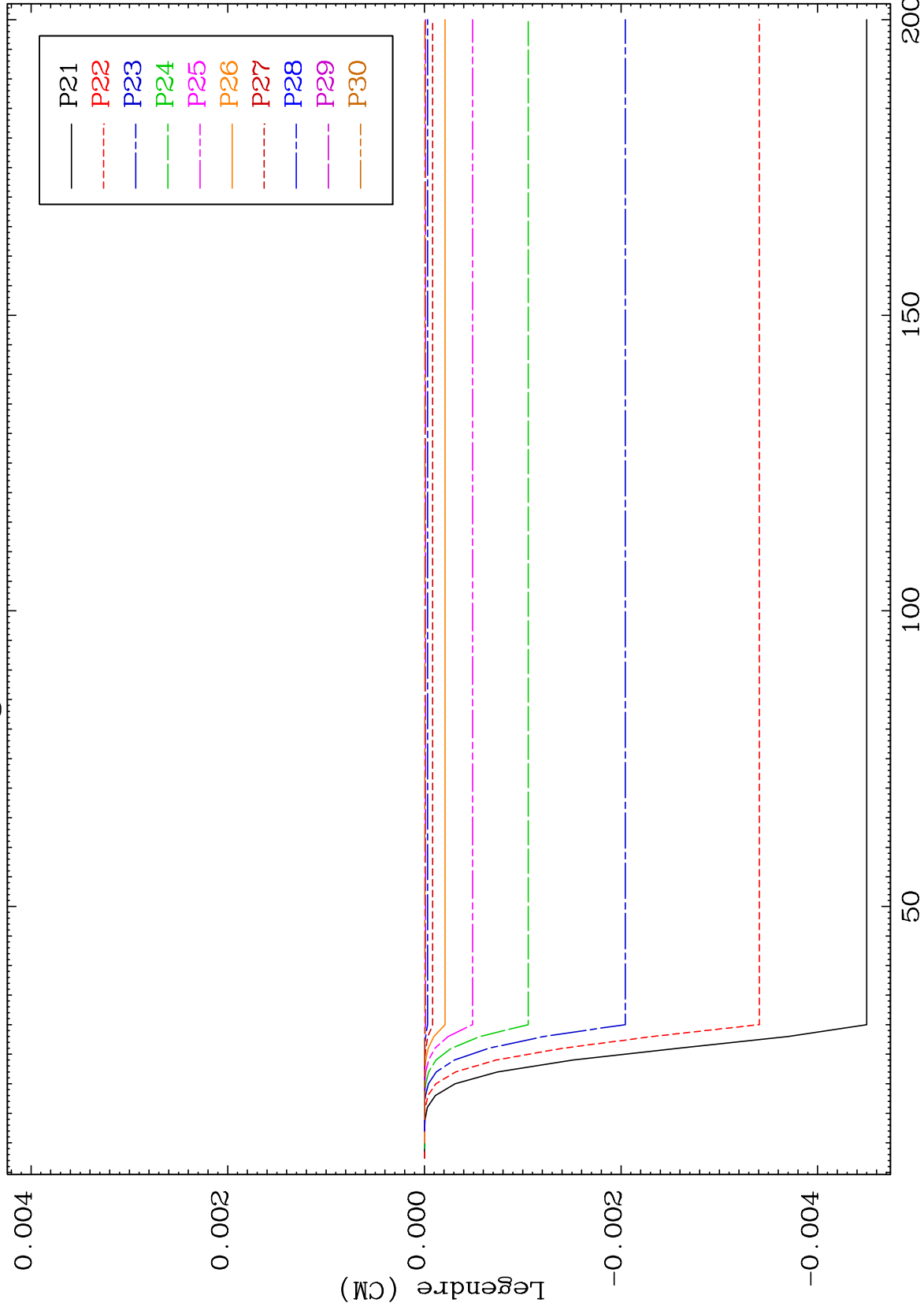
Incident Energy (MeV)

103

MAT 7904

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

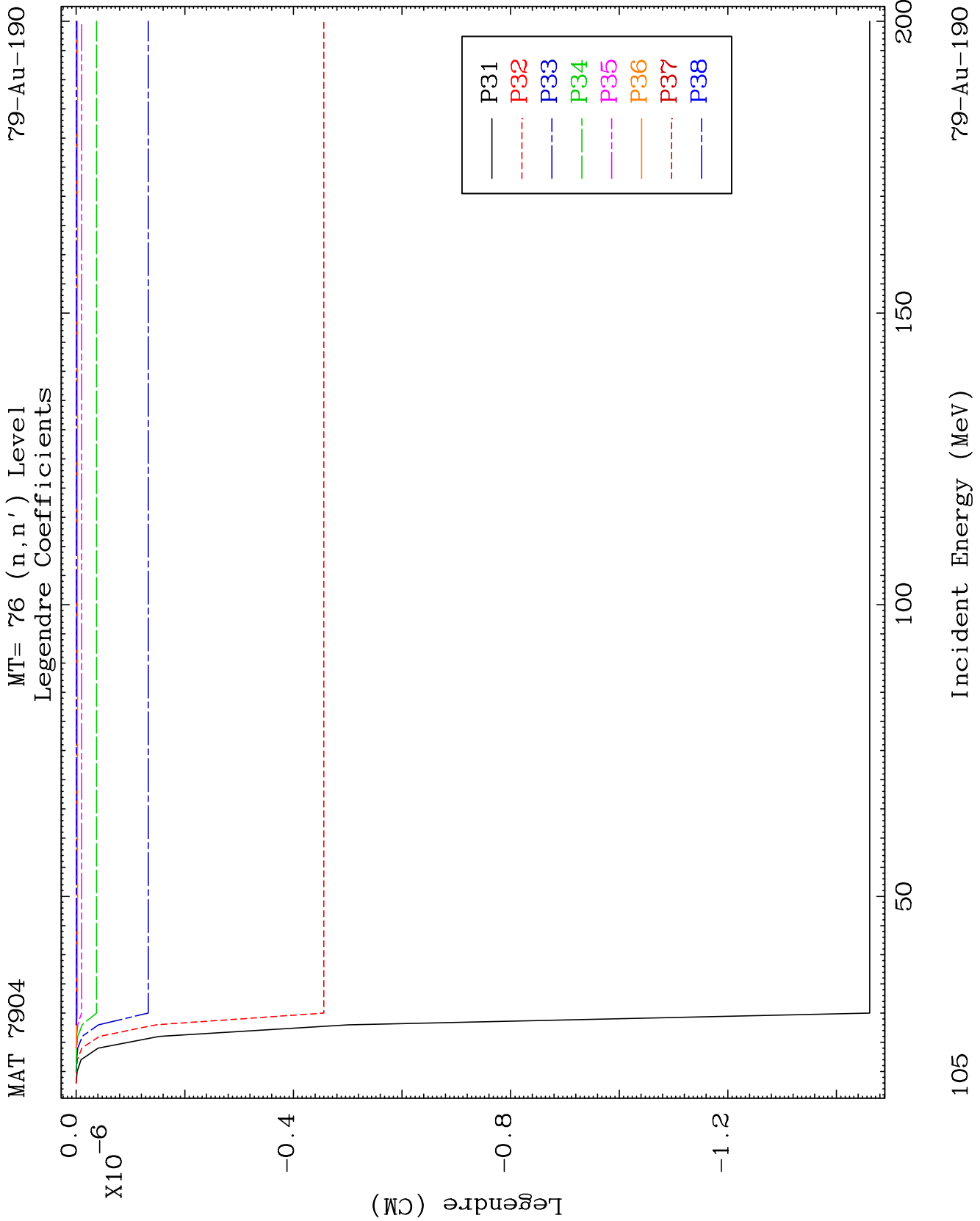
79-Au-190



104

Incident Energy (MeV)

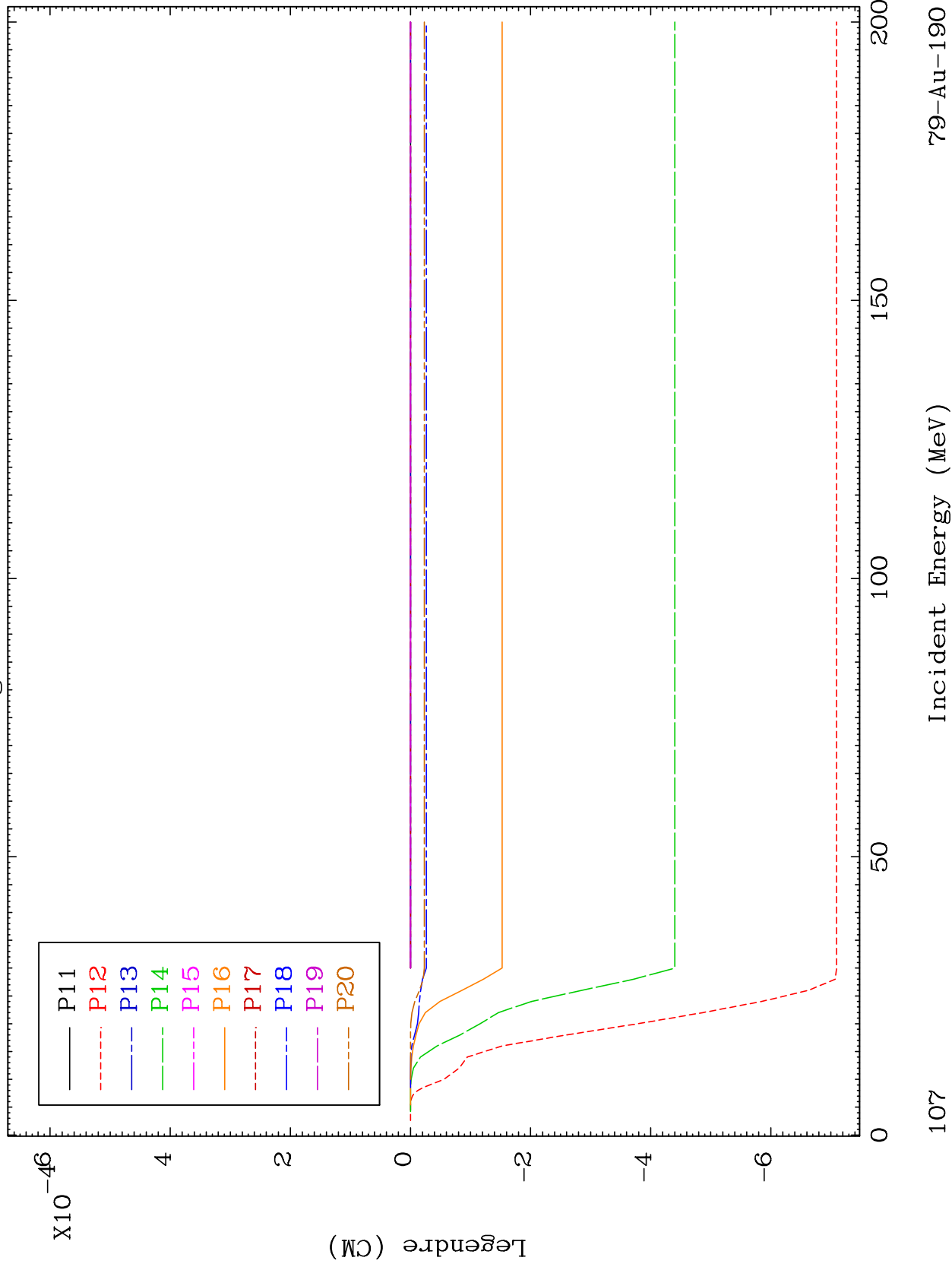
79-Au-190



MAT 7904

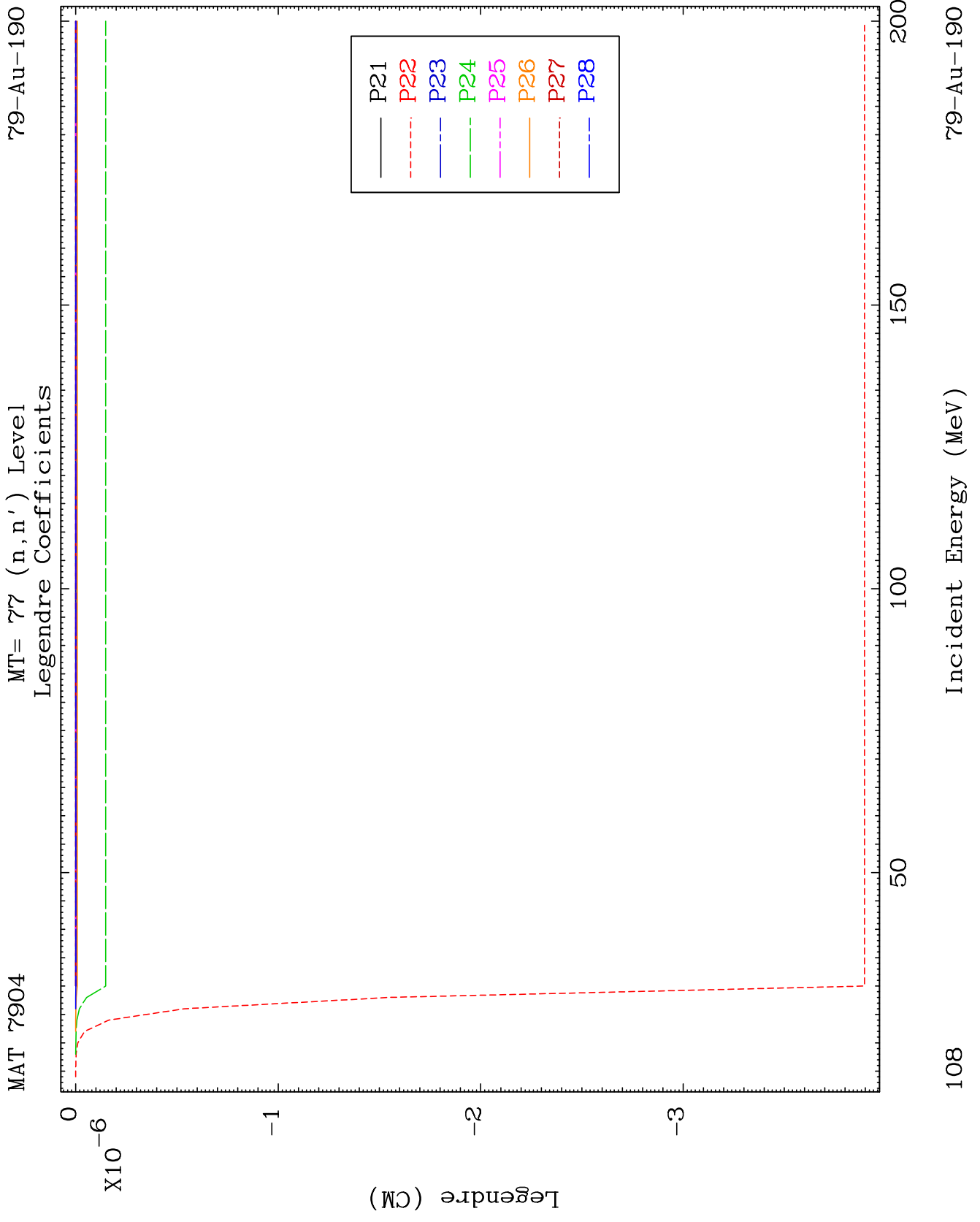
MT= 77 (n,n') Level
Legendre Coefficients

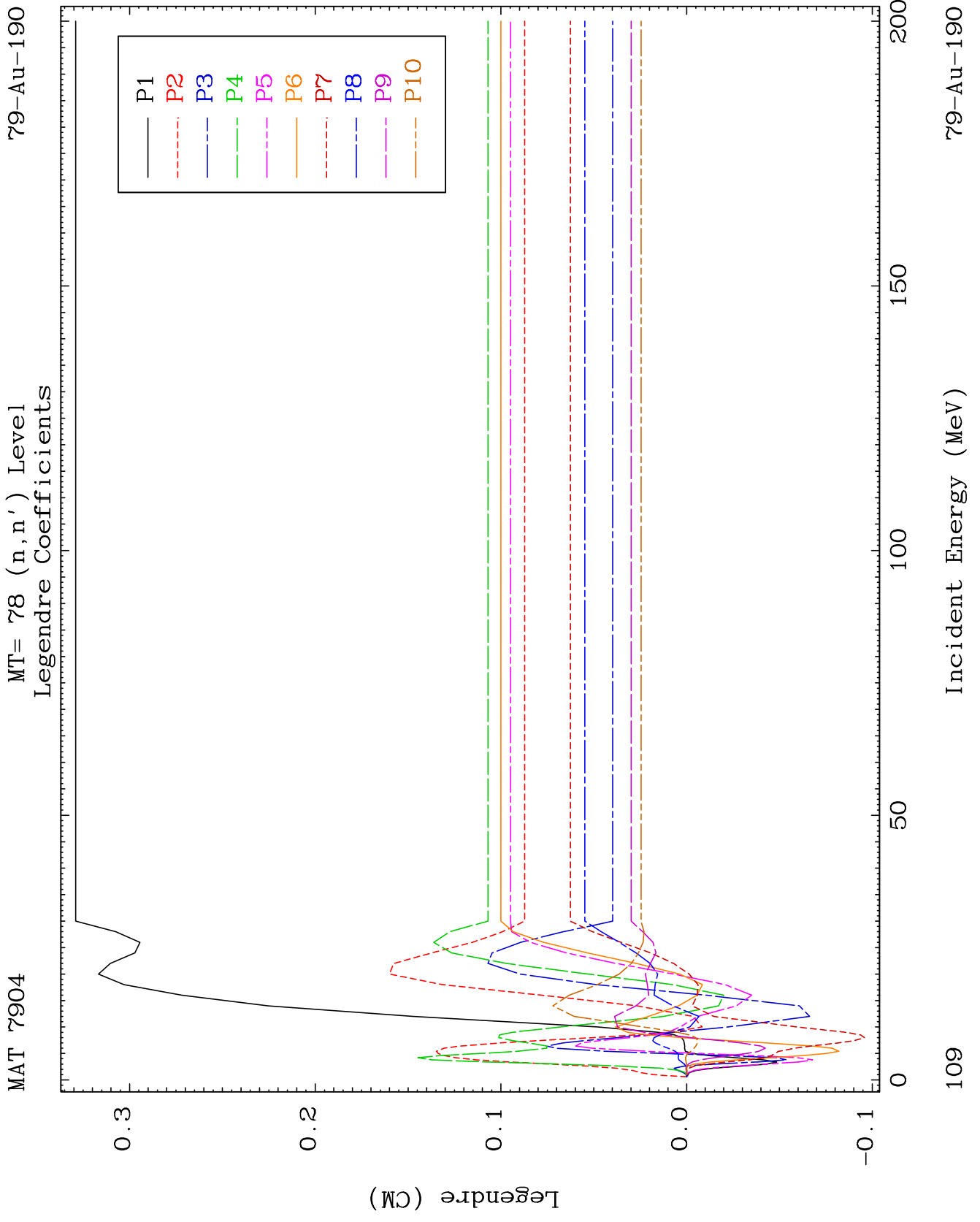
79-Au-190



107

79-Au-190

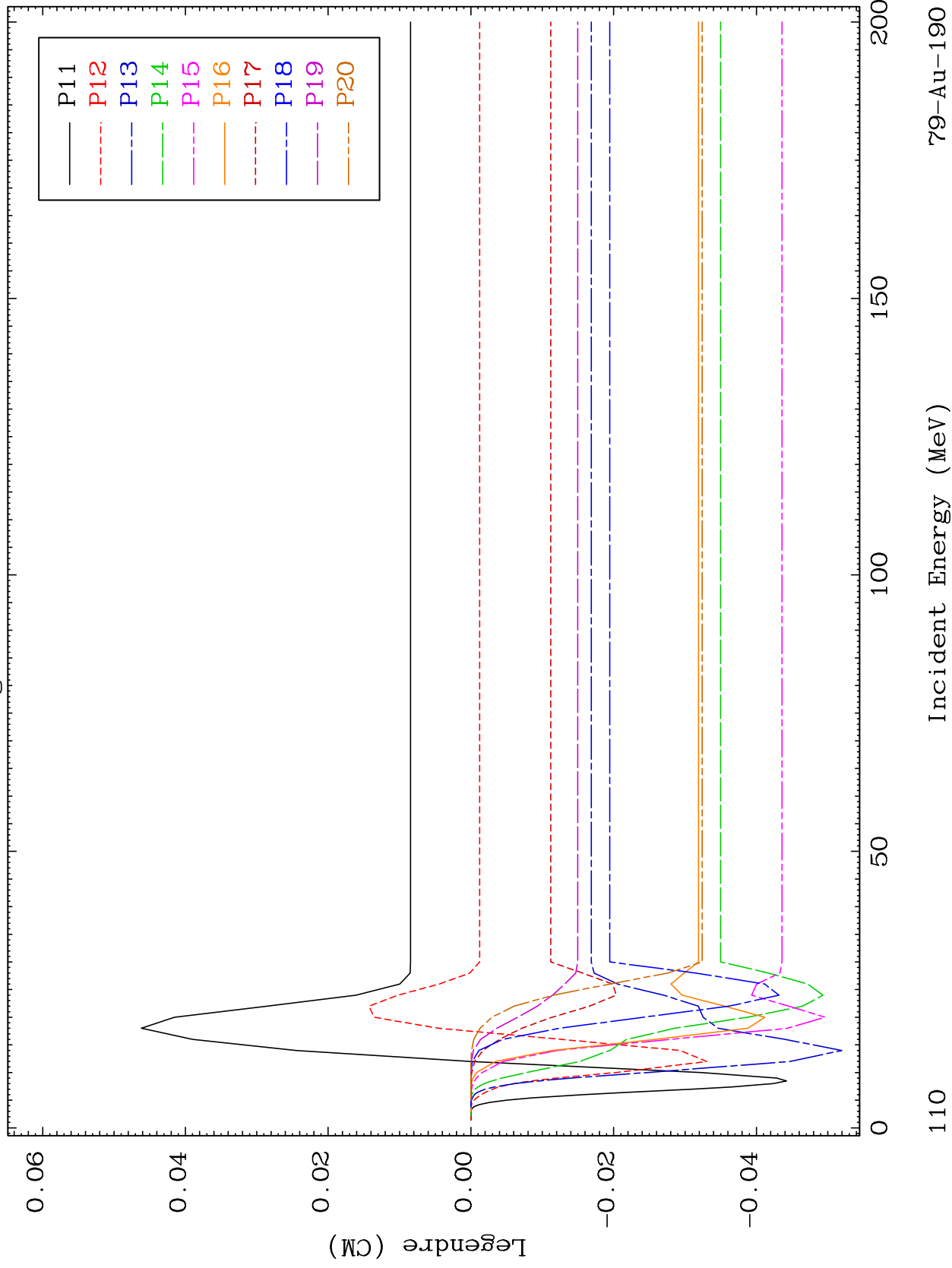




MAT 7904

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

79-Au-190



79-Au-190

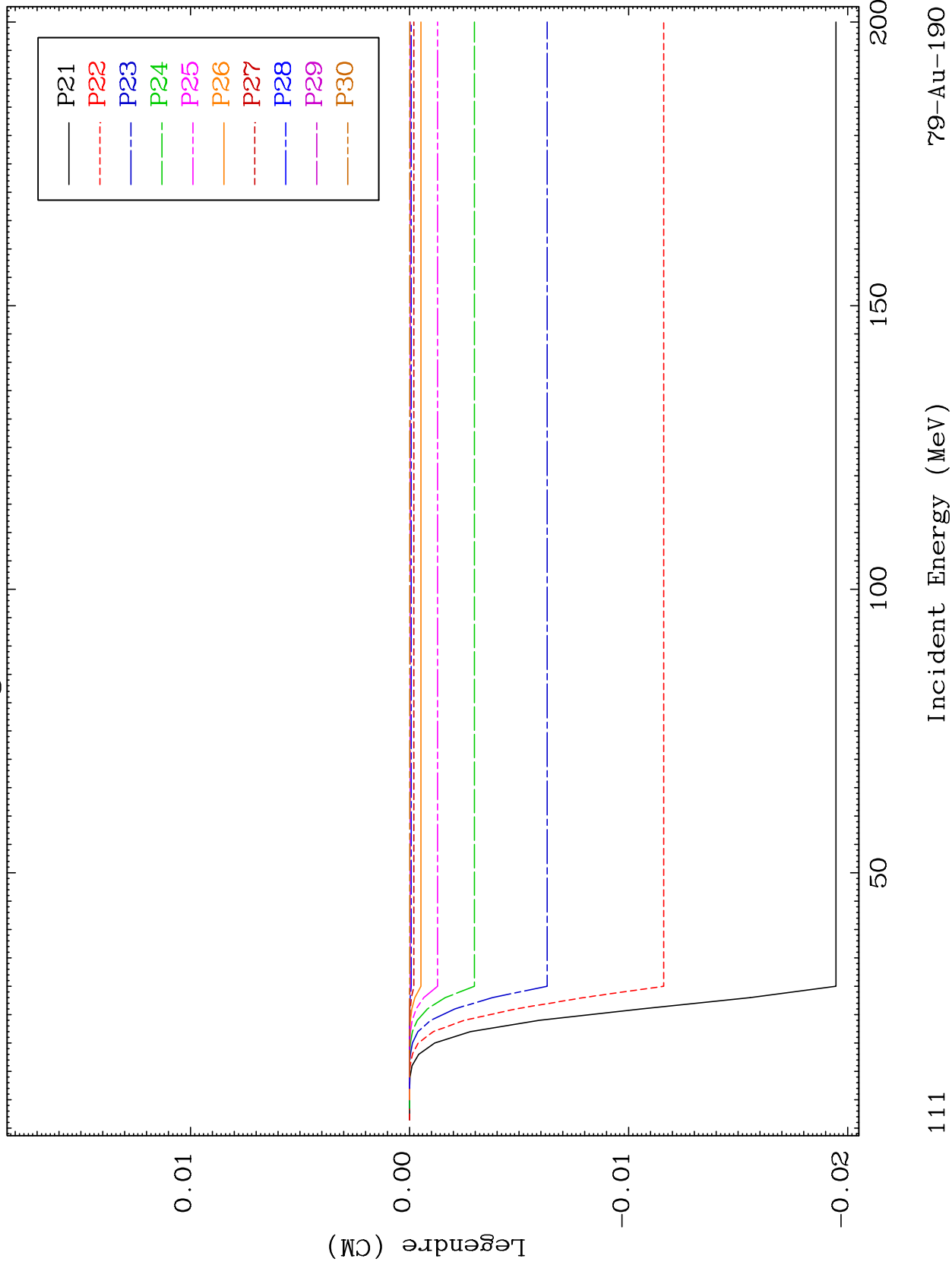
Incident Energy (MeV)

110

MAT 7904

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

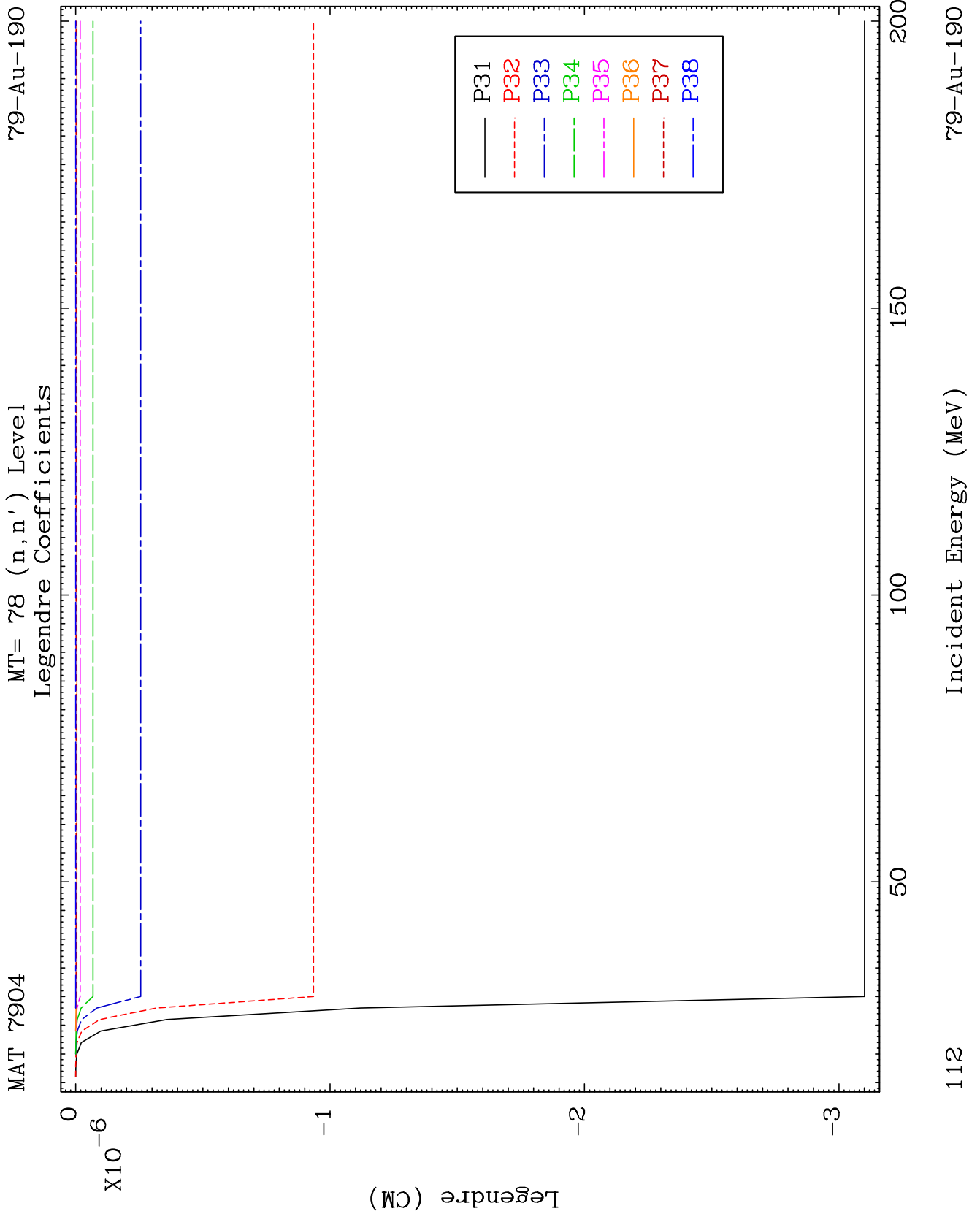
79-Au-190



111

Incident Energy (MeV)

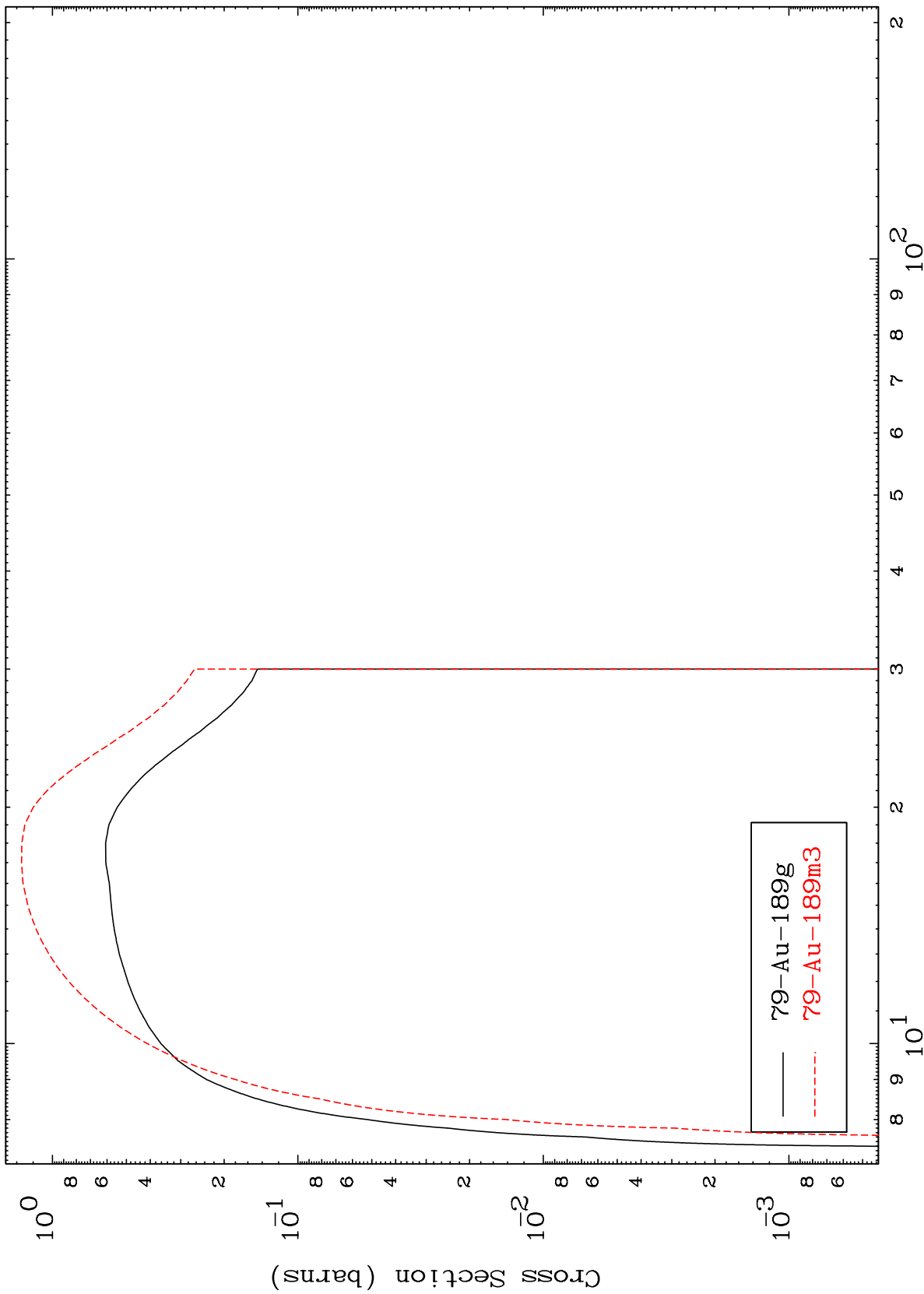
79-Au-190



MAT 7904

79-Au-190

(n,2n)
Radionuclide Production Cross Section



79-Au-190

Incident Energy (MeV)

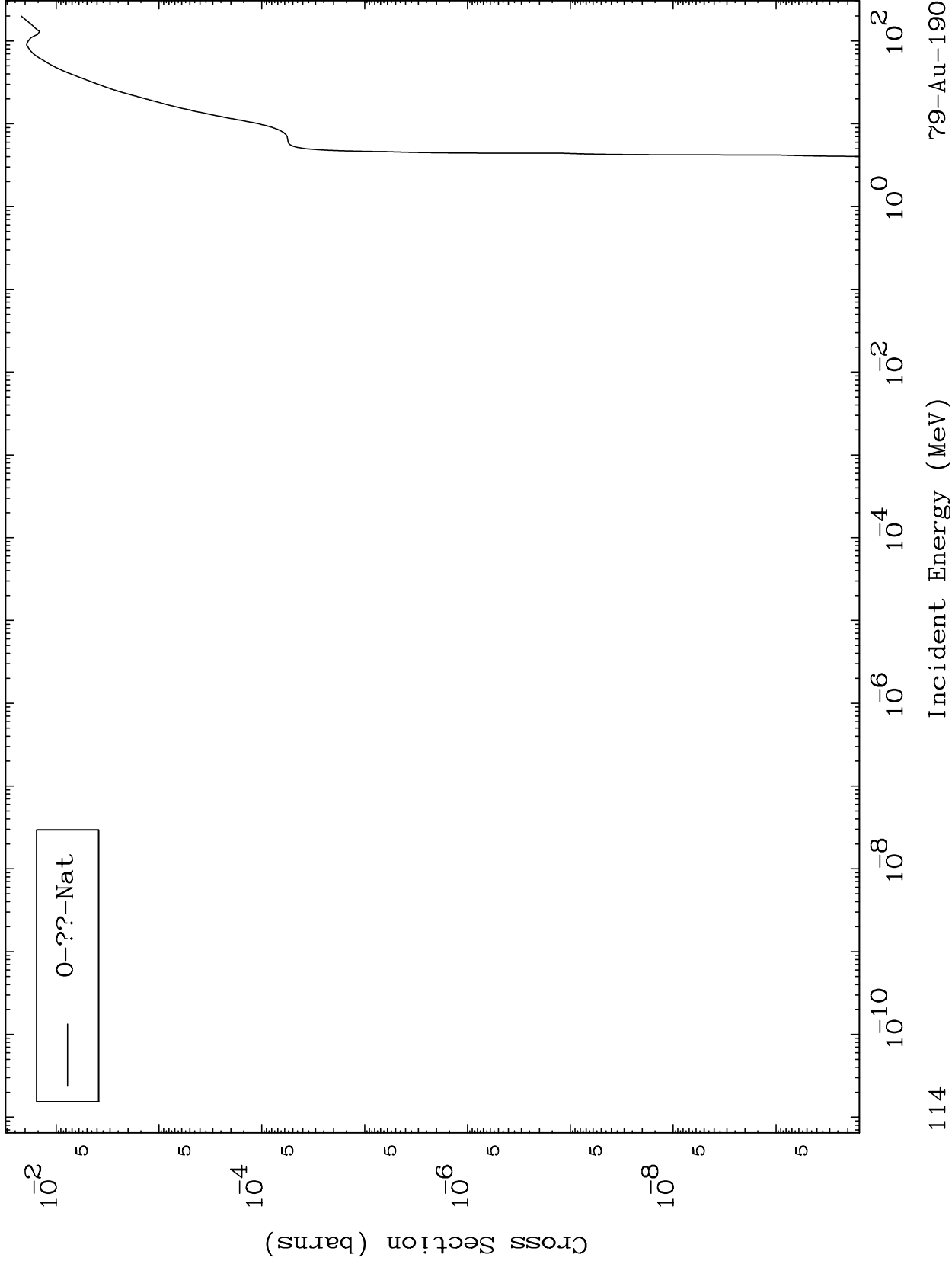
113

MAT 7904

Fission

79-Au-190

Radionuclide Production Cross Section

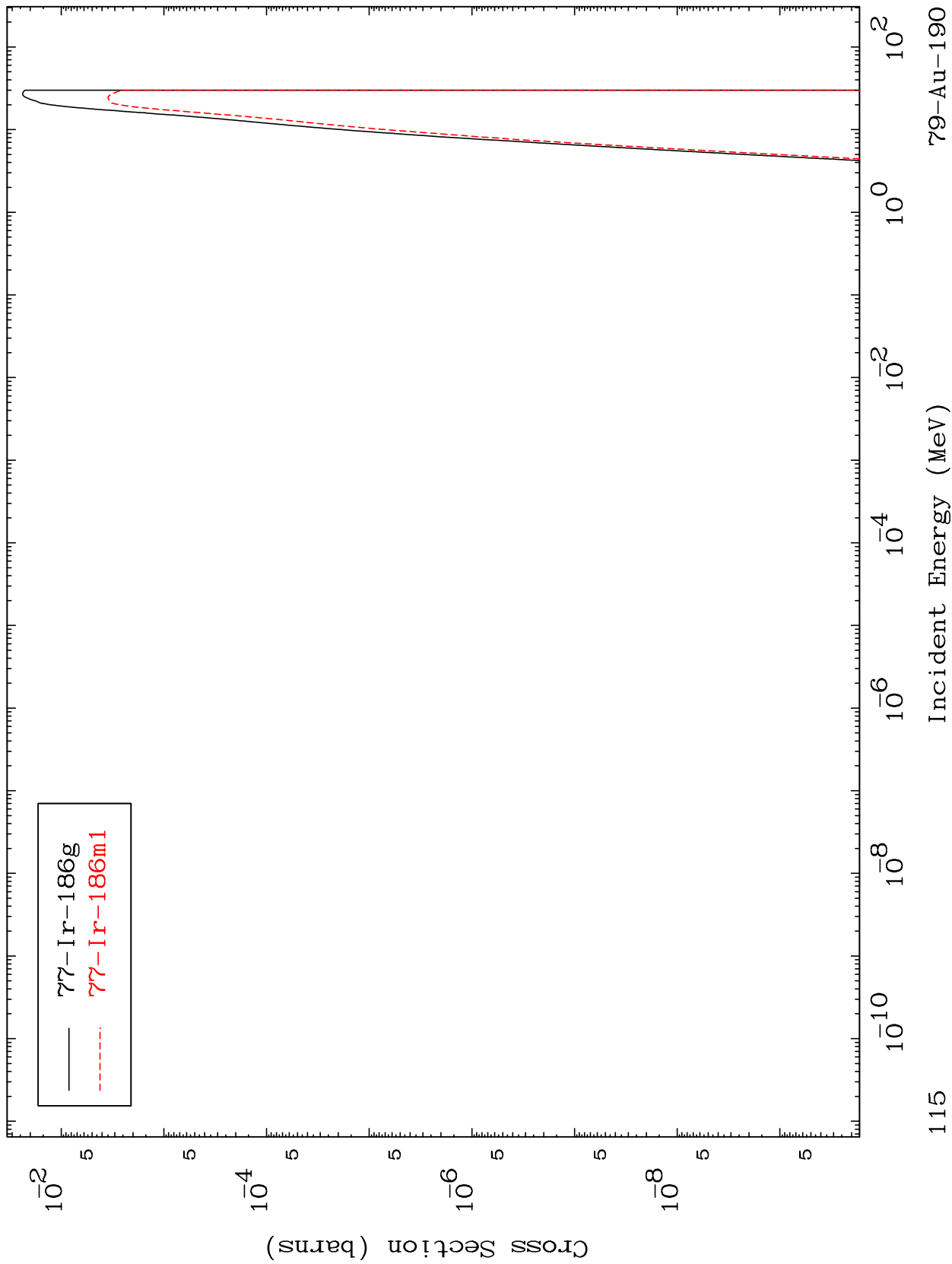


MAT 7904

$(n, n') \alpha$

79-Au-190

Radionuclide Production Cross Section



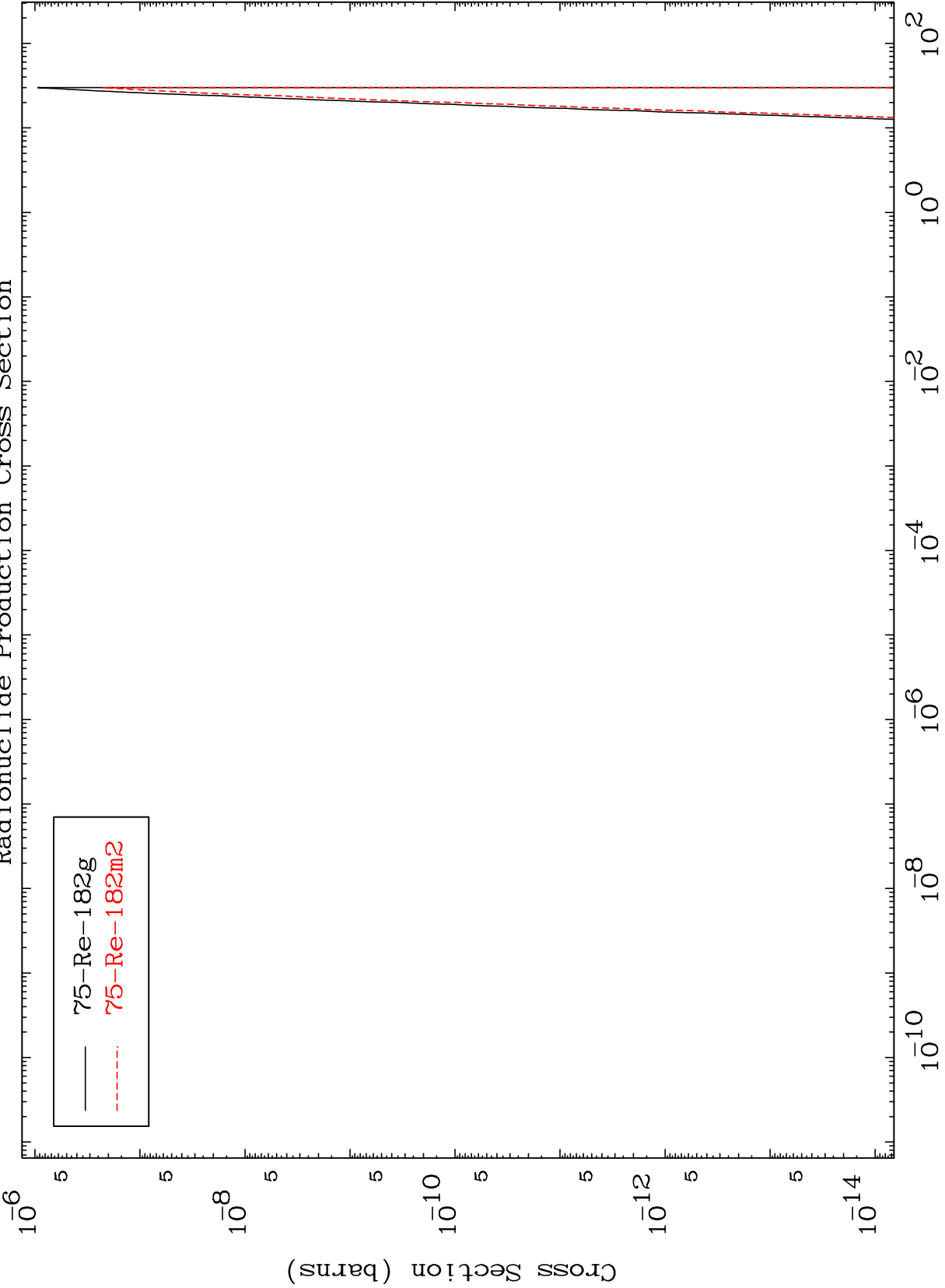
115

MAT 7904

(n,n') 2α

79-Au-190

Radionuclide Production Cross Section



116

Incident Energy (MeV)

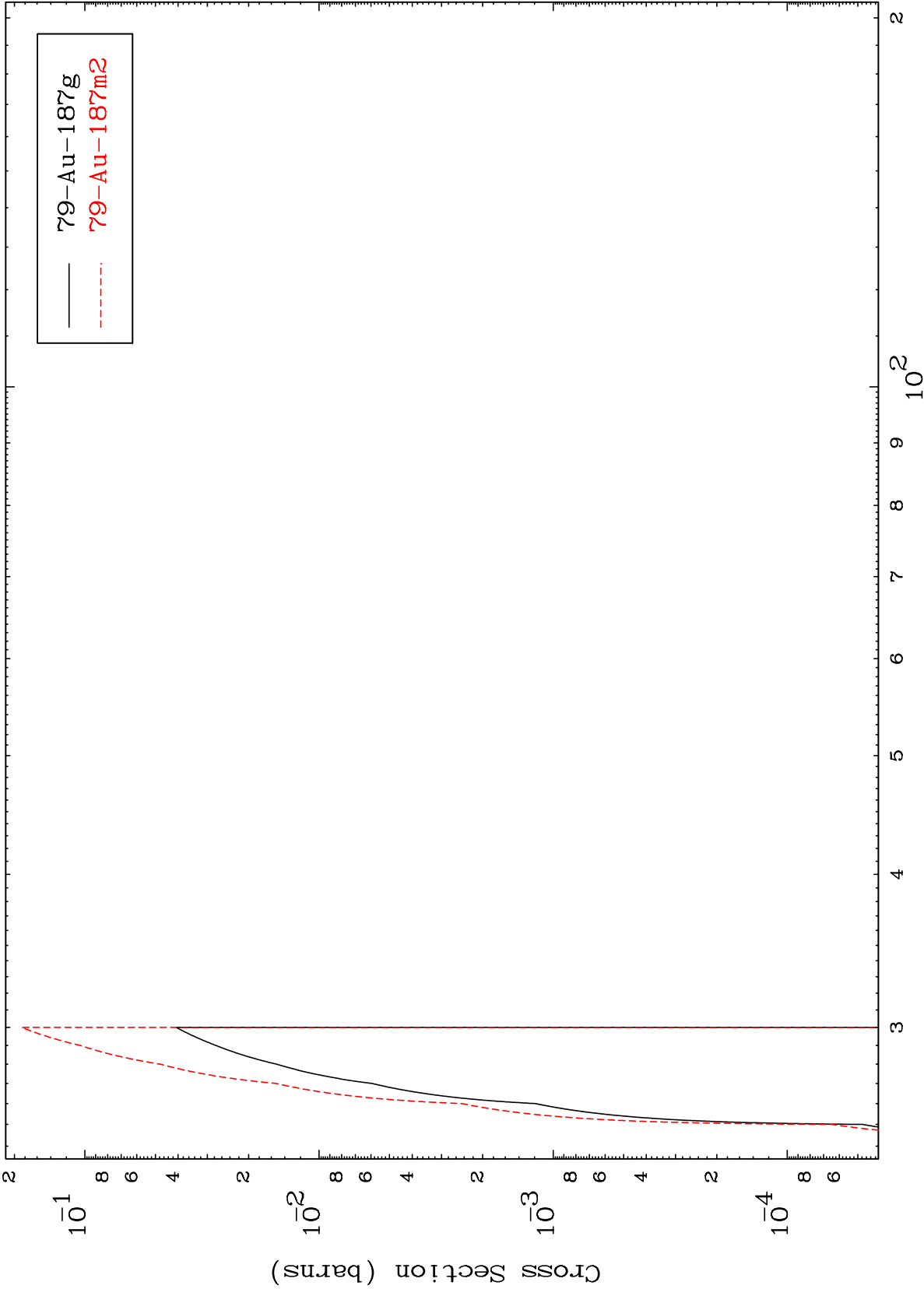
79-Au-190

MAT 7904

(n,4n)

⁷⁹Au-190

Radionuclide Production Cross Section



117

Incident Energy (MeV)

⁷⁹Au-190

MAT 7904

⁷⁹Au-190

