

Program EVALPLOT
(Version 2018-1)

by

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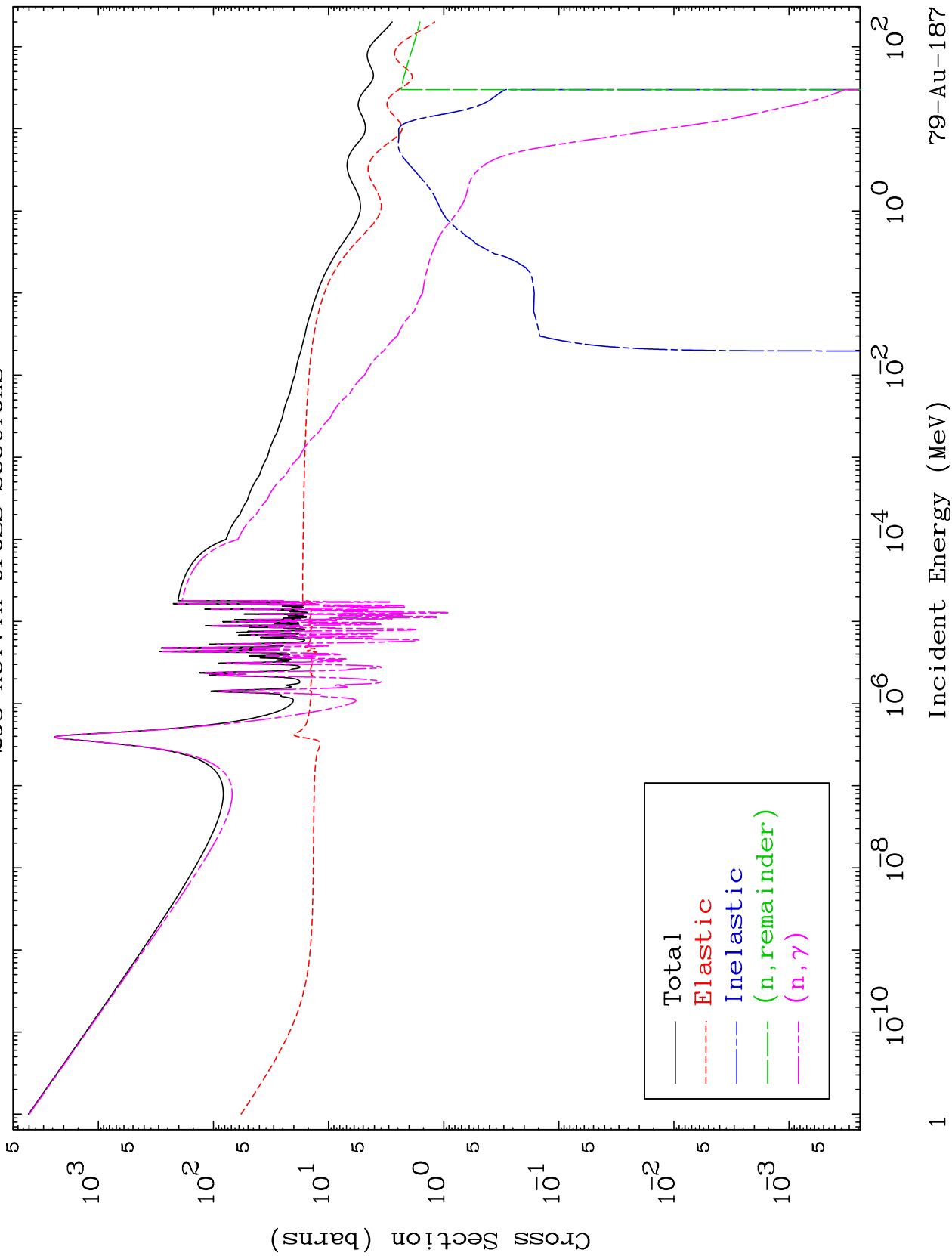
Press Mouse Button to Start

MAT 7895

Major

293 Kelvin Cross Sections

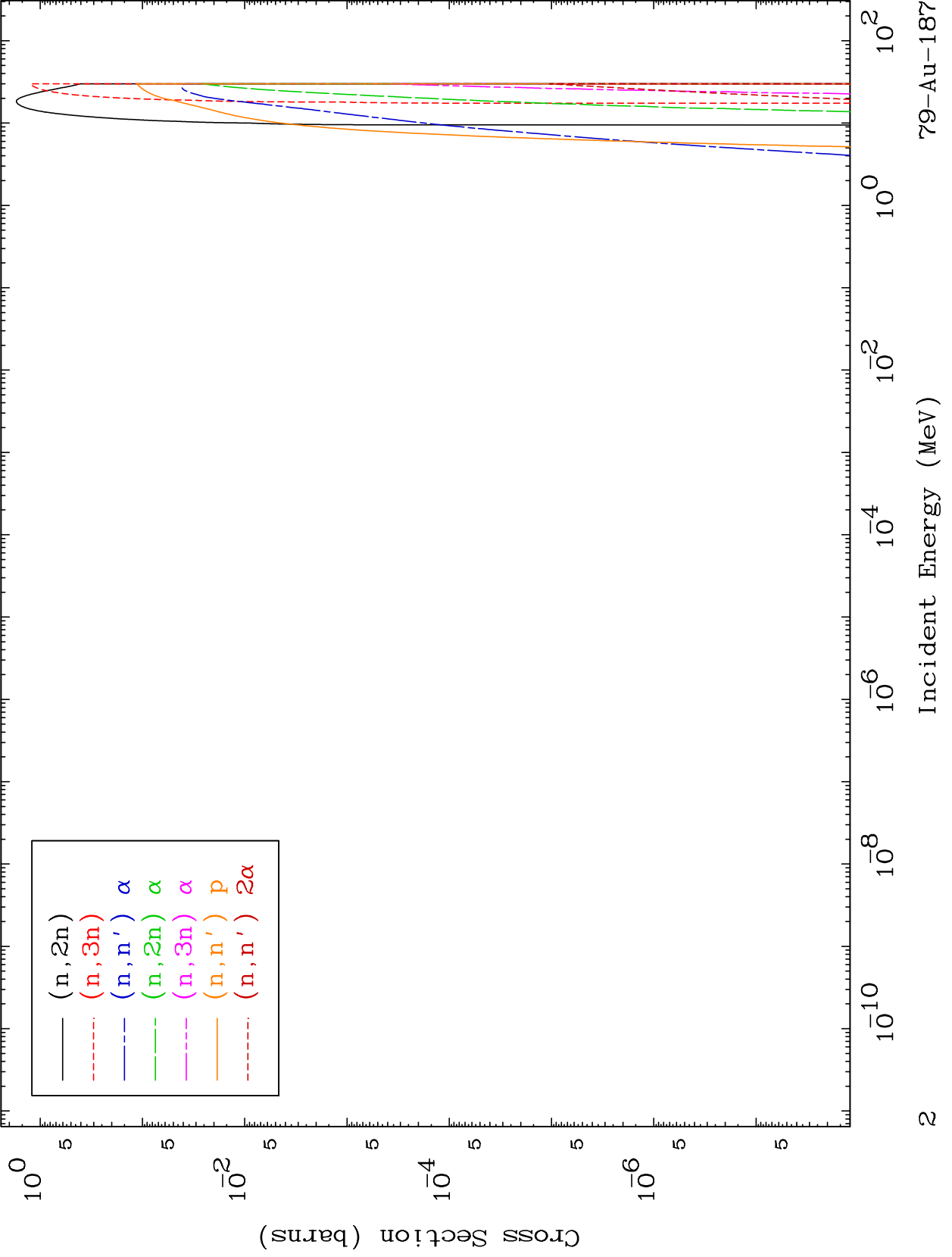
79-Au-187



MAT 7895

Neutron Production
293 Kelvin Cross Sections

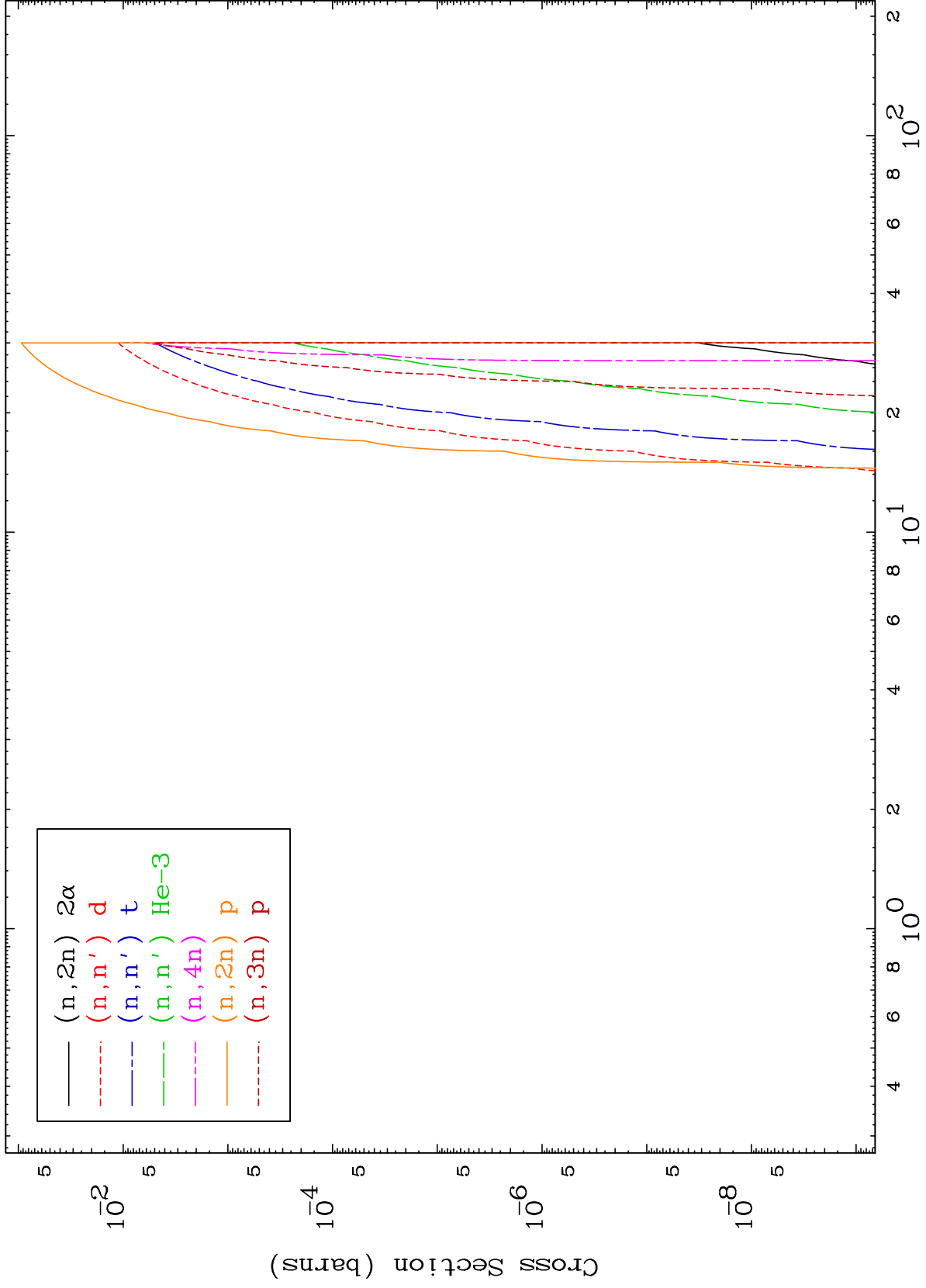
79-Au-187



MAT 7895

Neutron Production
293 Kelvin Cross Sections

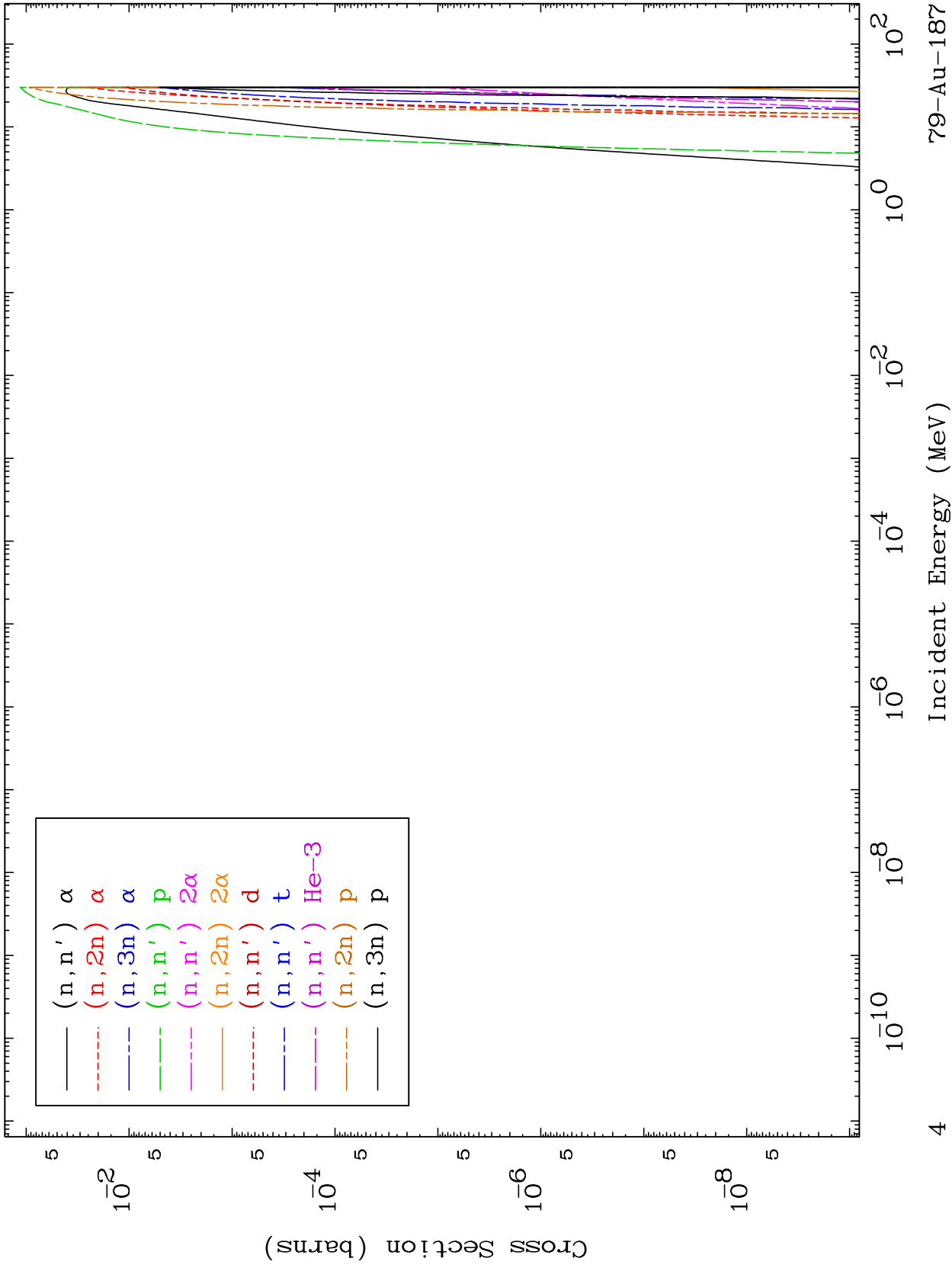
79-Au-187



MAT 7895

Charged Particle
293 Kelvin Cross Sections

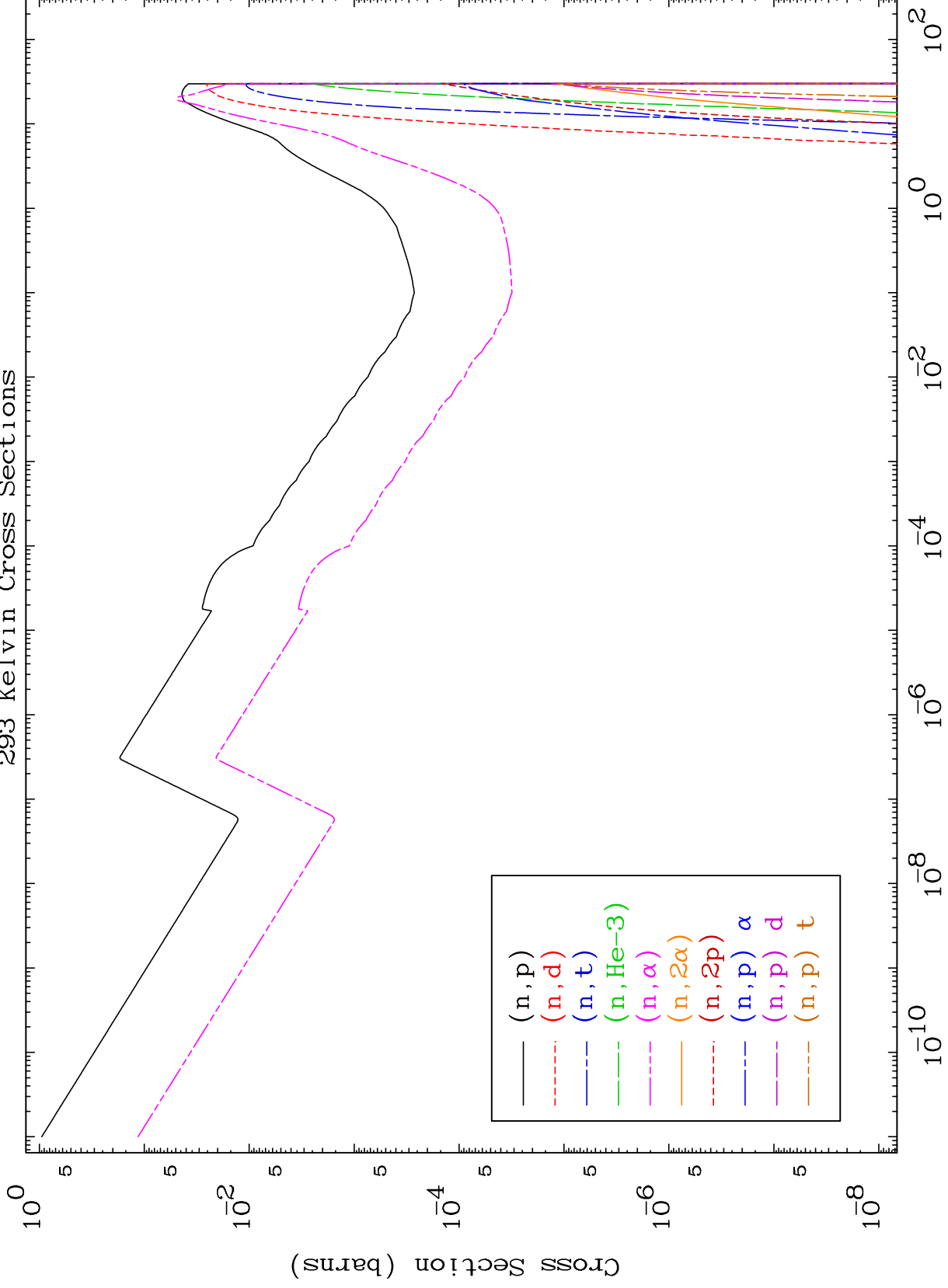
79-Au-187



MAT 7895

Charged Particle
293 Kelvin Cross Sections

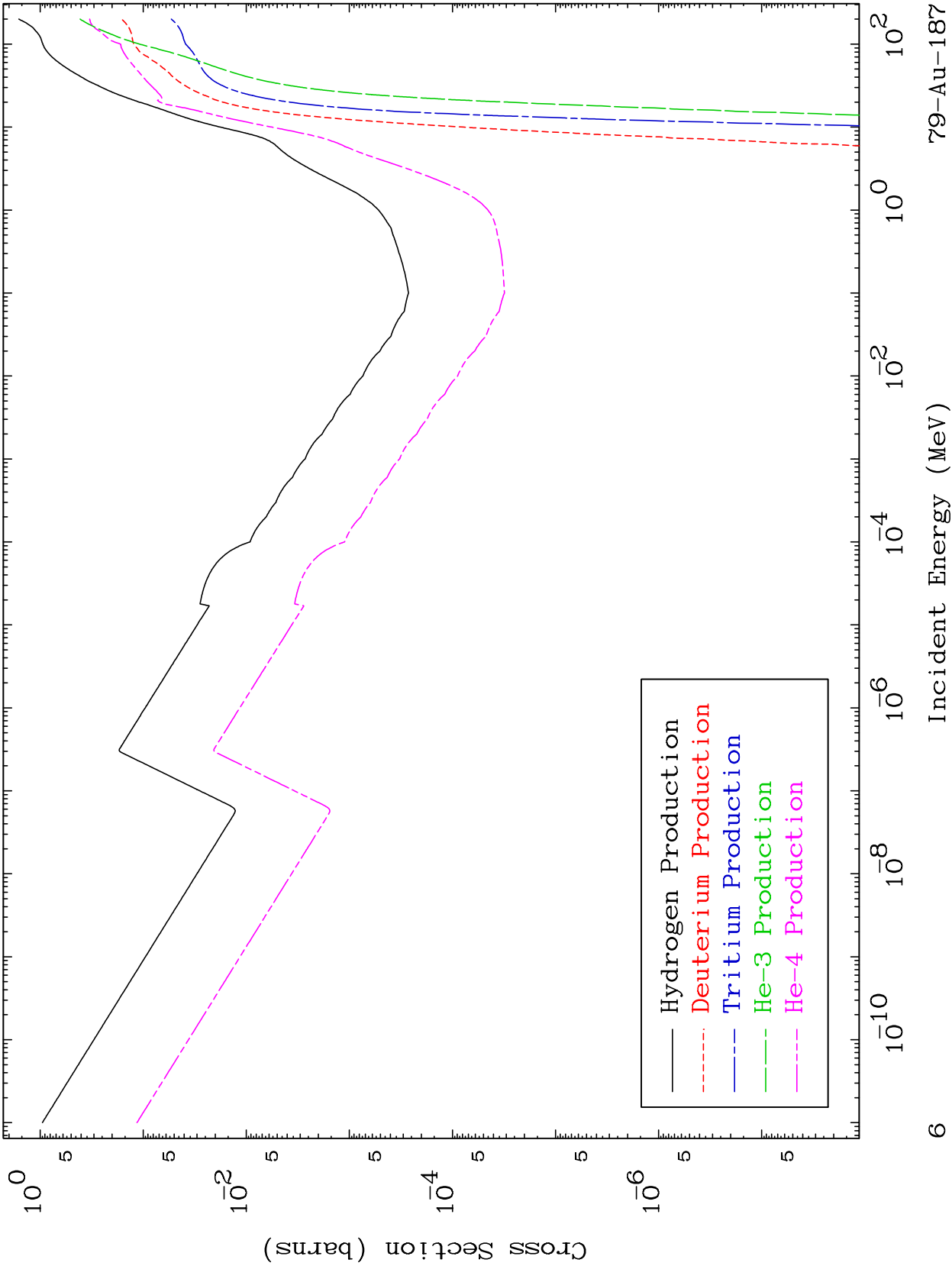
79-Au-187

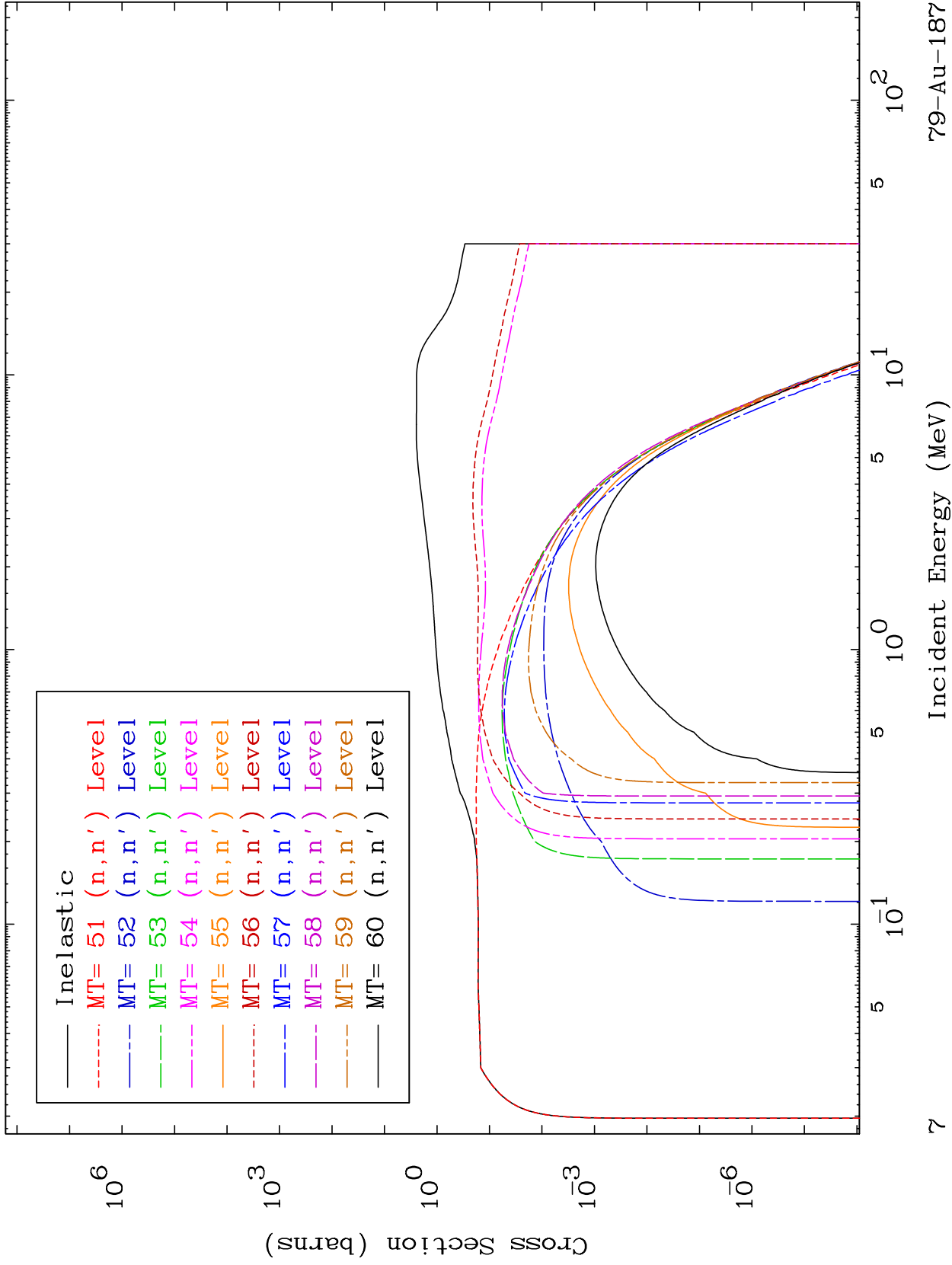


MAT 7895

Particle Production
293 Kelvin Cross Sections

79-Au-187



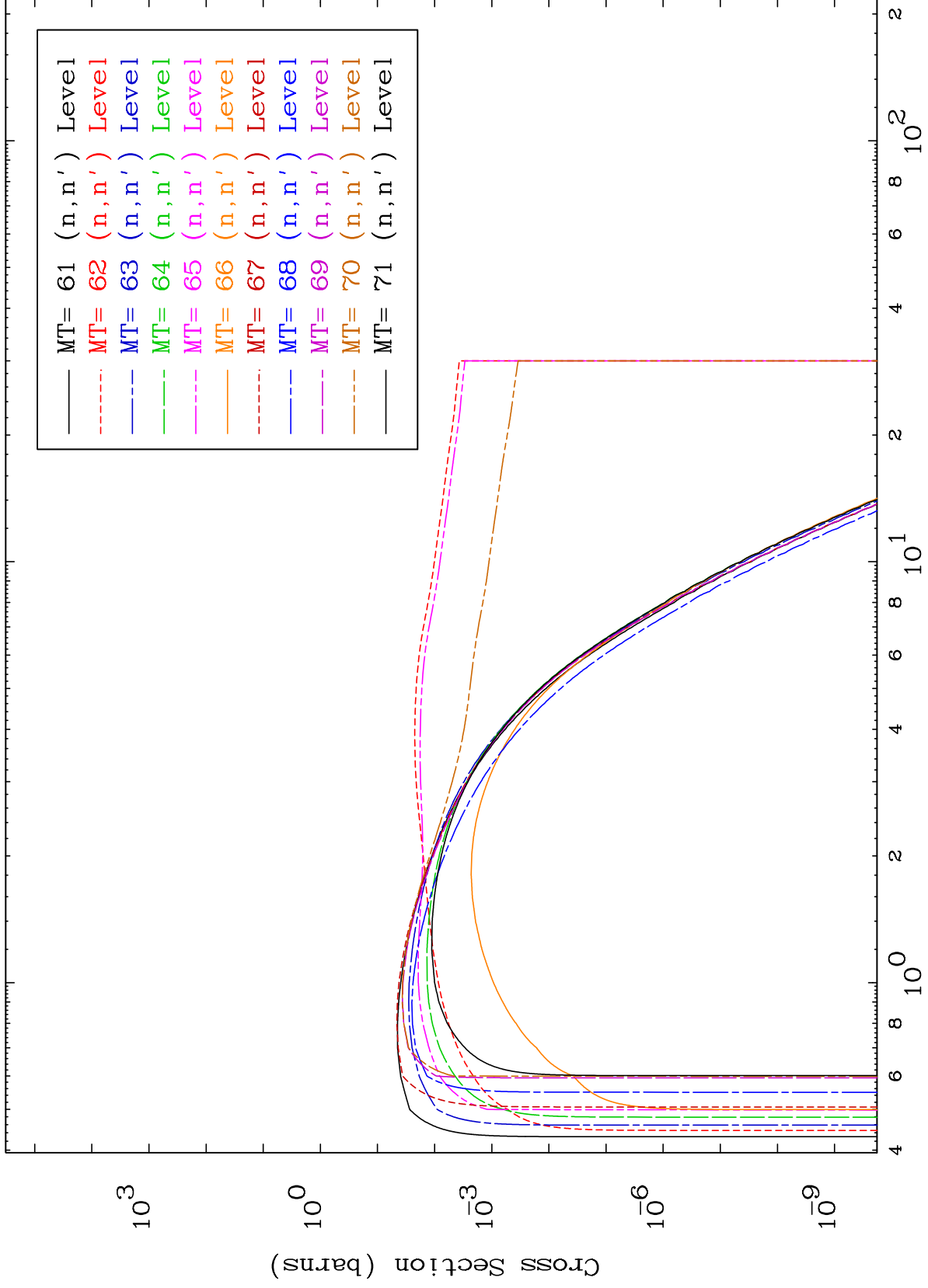


MAT 7895

(n,n') Level

293 Kelvin Cross Sections

79-Au-187



8

Incident Energy (MeV)

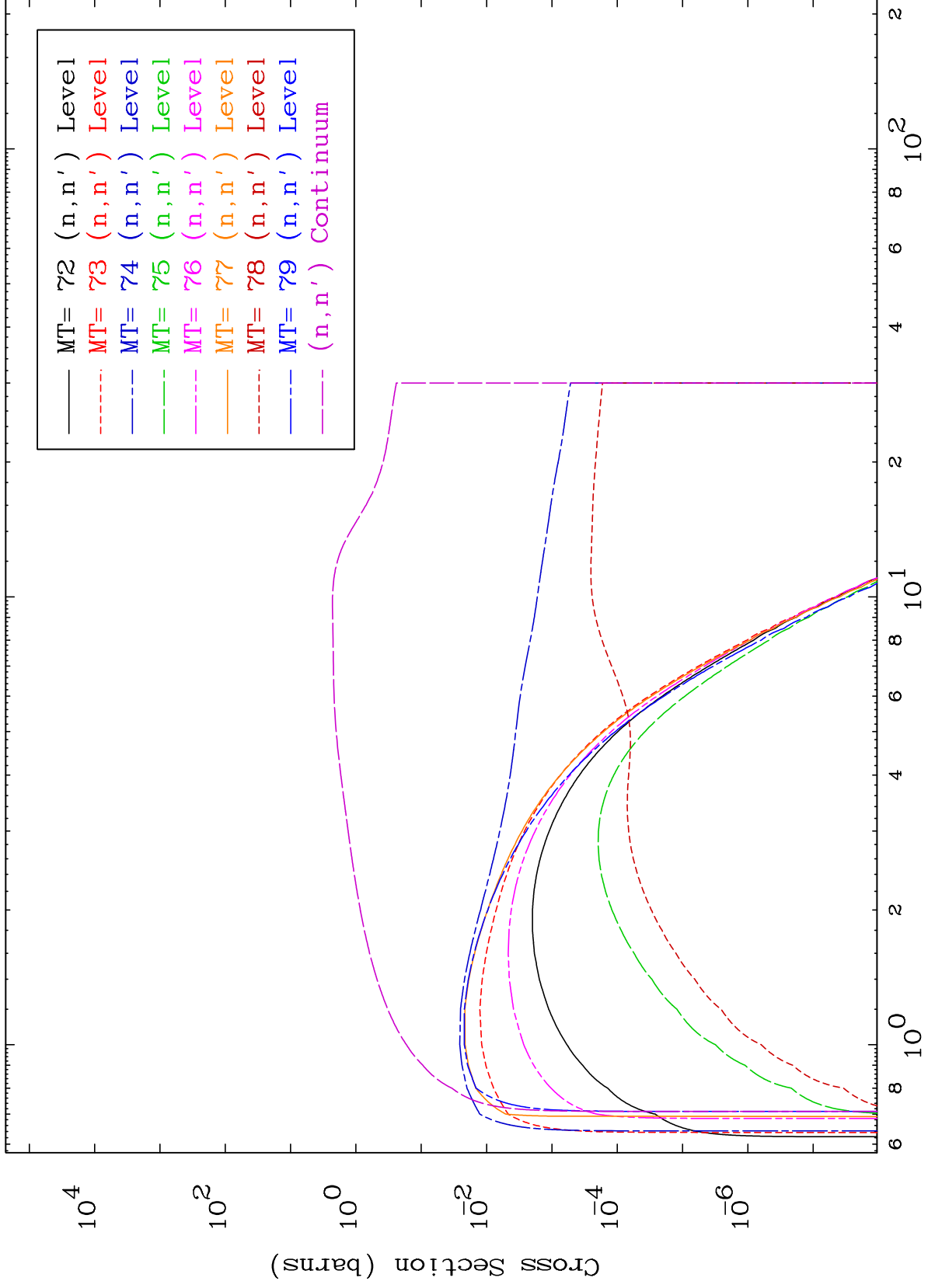
79-Au-187

MAT 7895

(n,n') Level

293 Kelvin Cross Sections

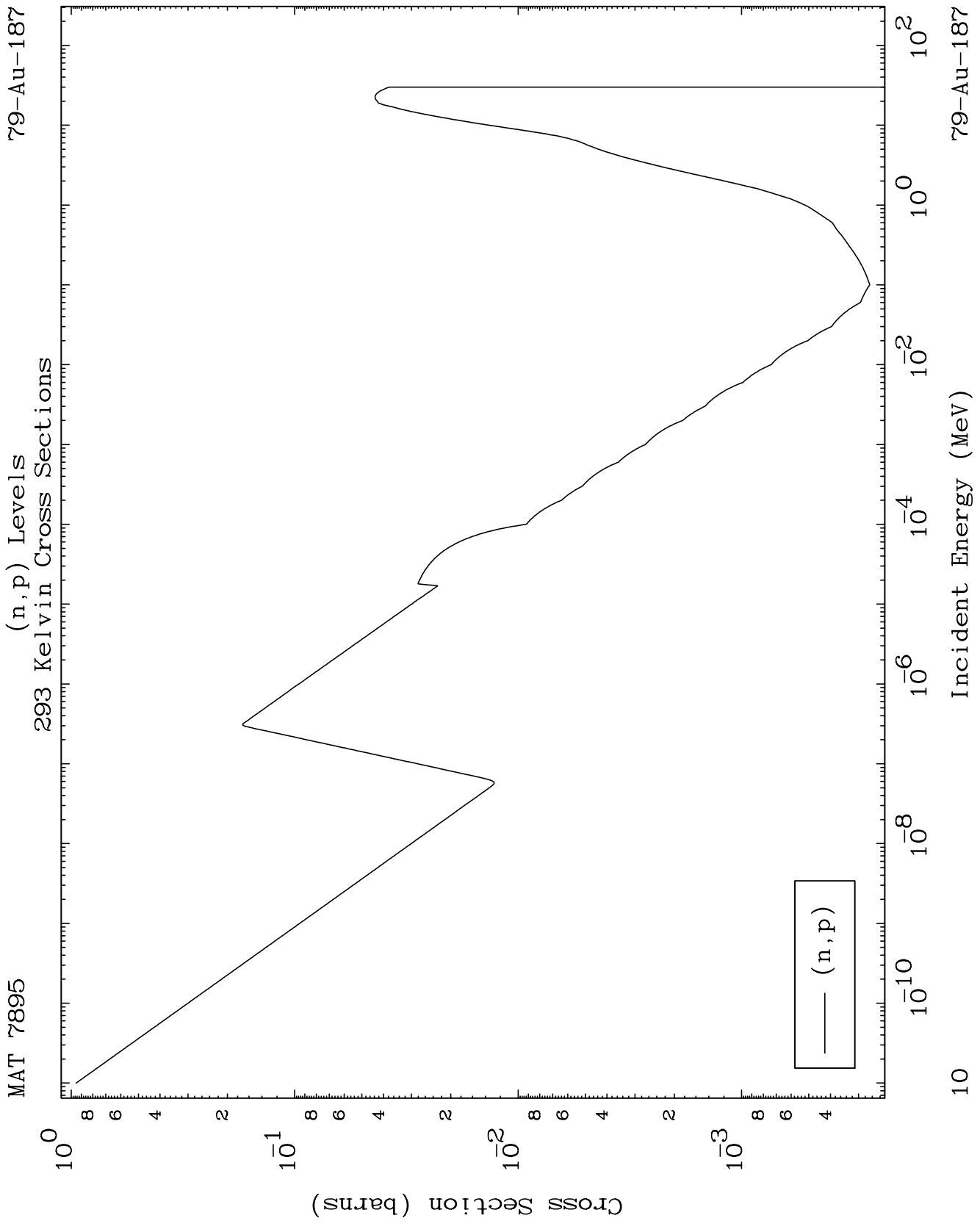
79-Au-187



9

Incident Energy (MeV)

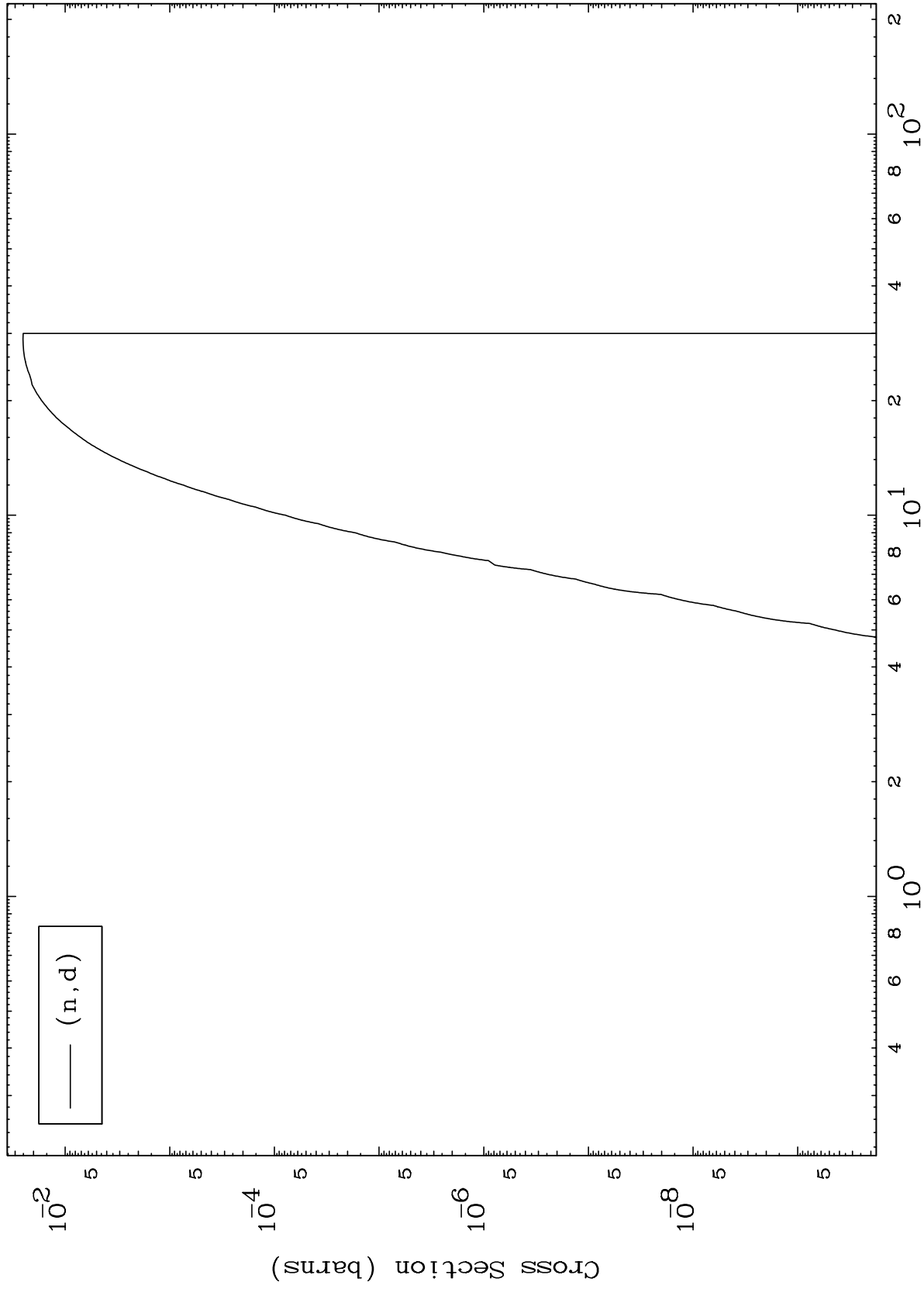
79-Au-187



MAT 7895

(n,d) Levels
293 Kelvin Cross Sections

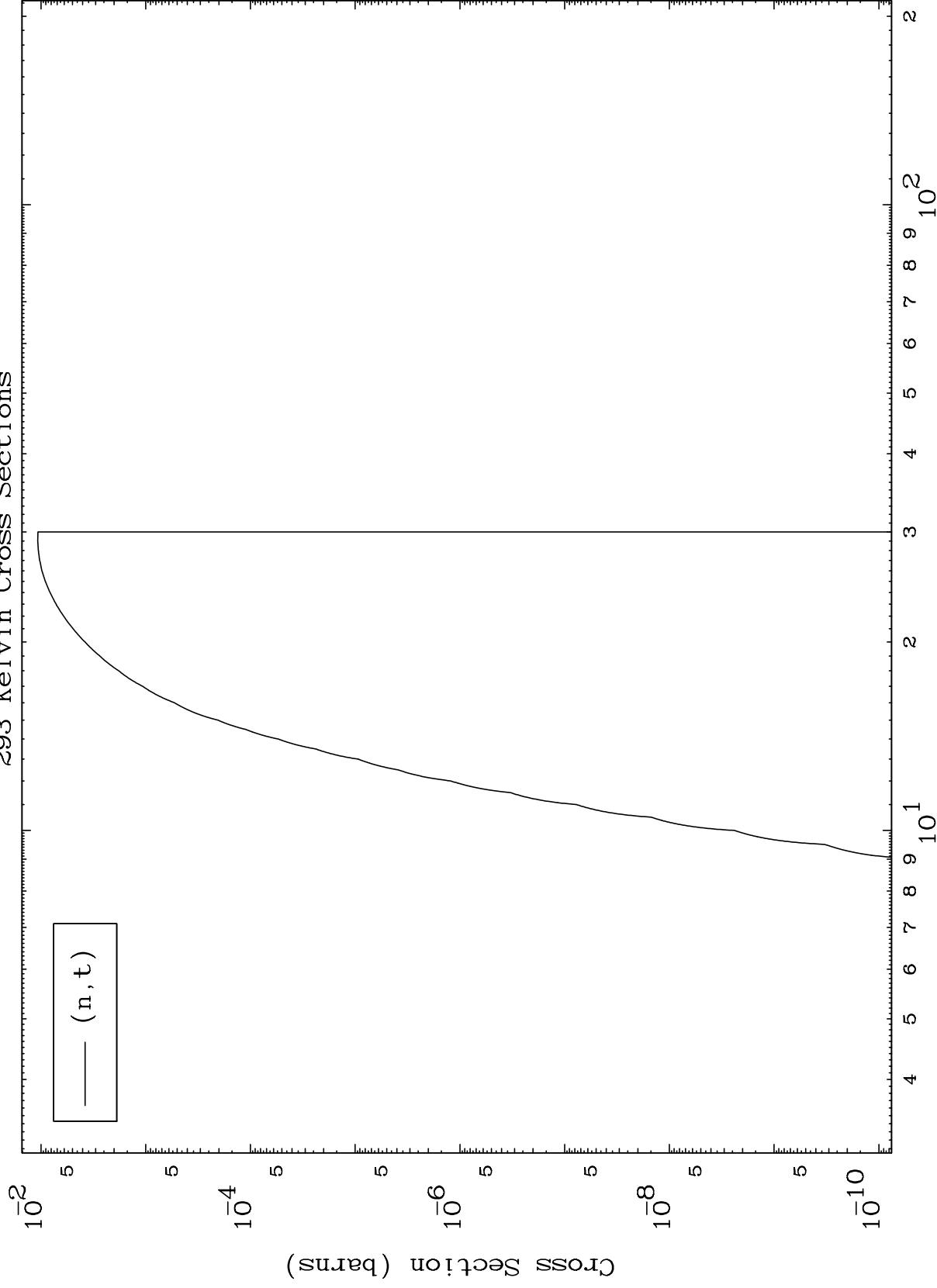
79-Au-187



MAT 7895

(n,t) Levels
293 Kelvin Cross Sections

79-Au-187



12

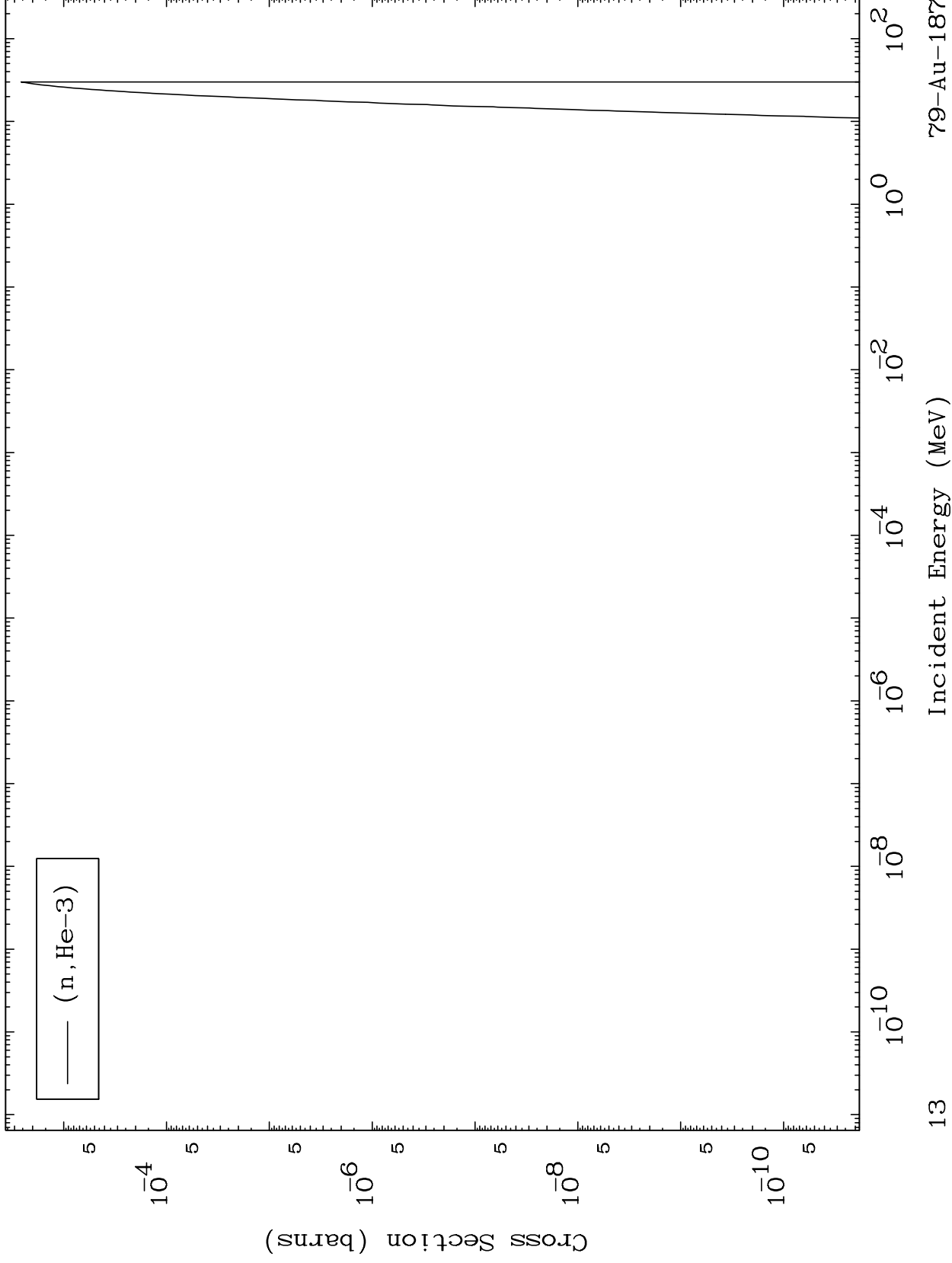
Incident Energy (MeV)

79-Au-187

MAT 7895

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-187



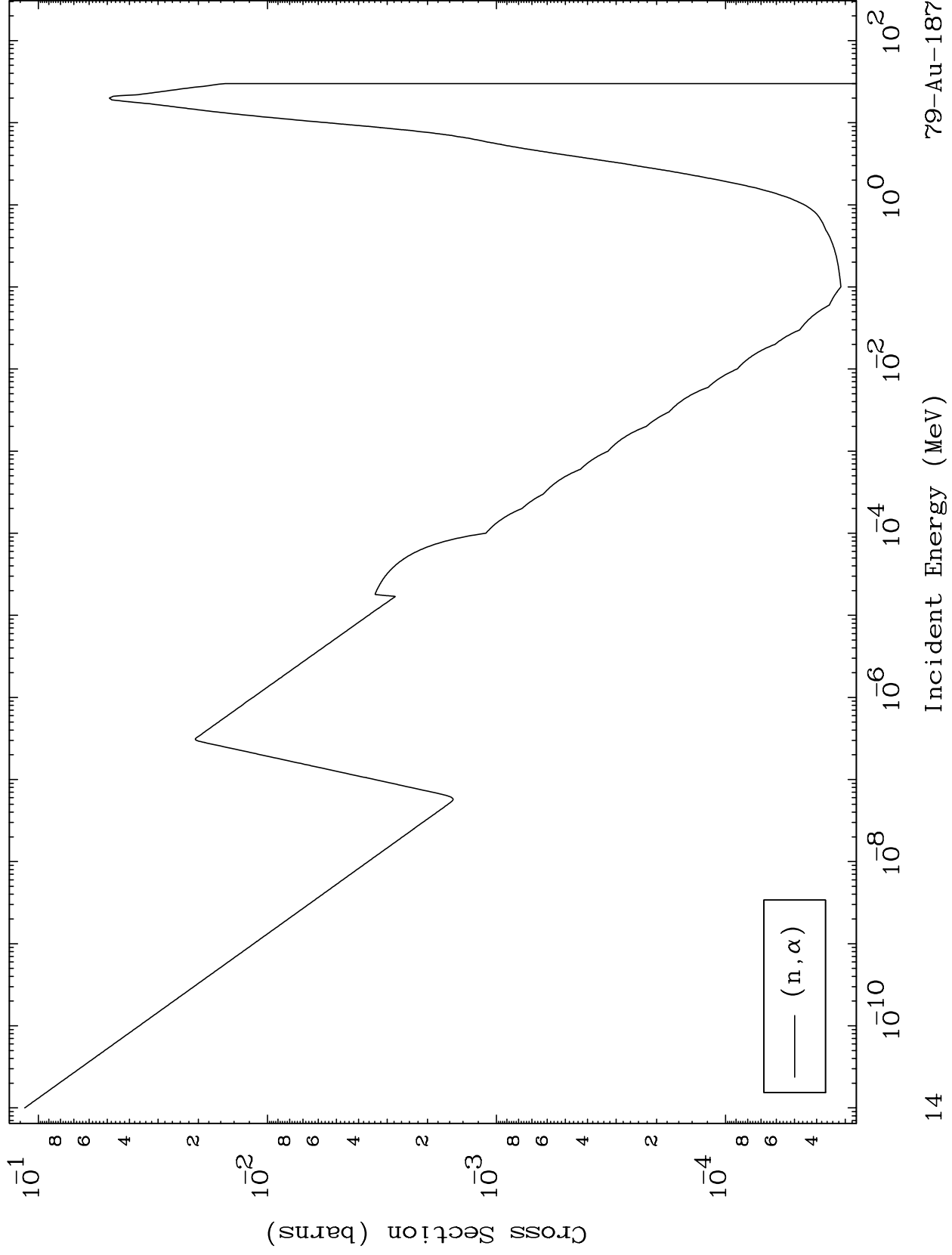
13

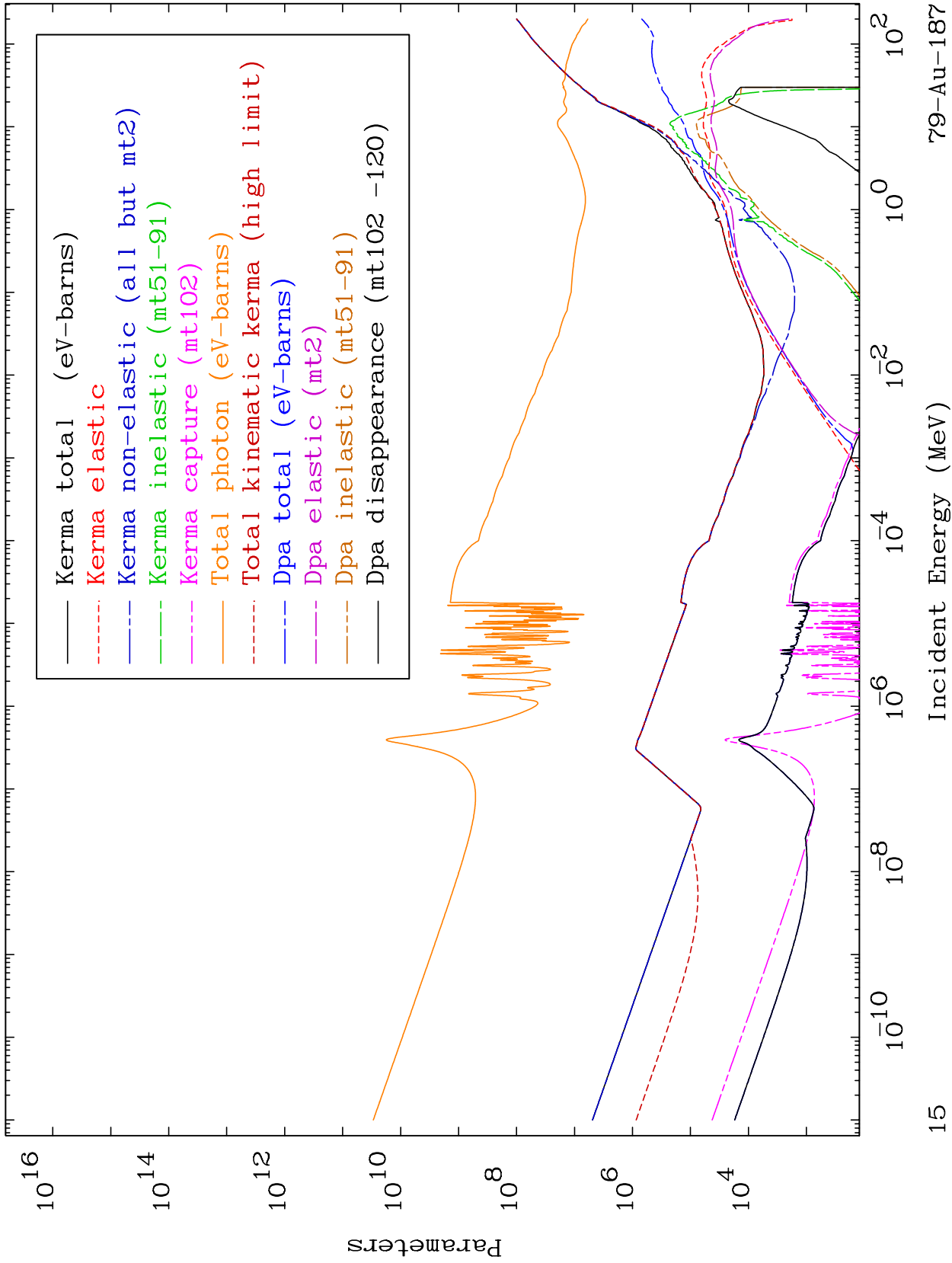
79-Au-187

MAT 7895

(n,α) Levels
293 Kelvin Cross Sections

79-Au-187

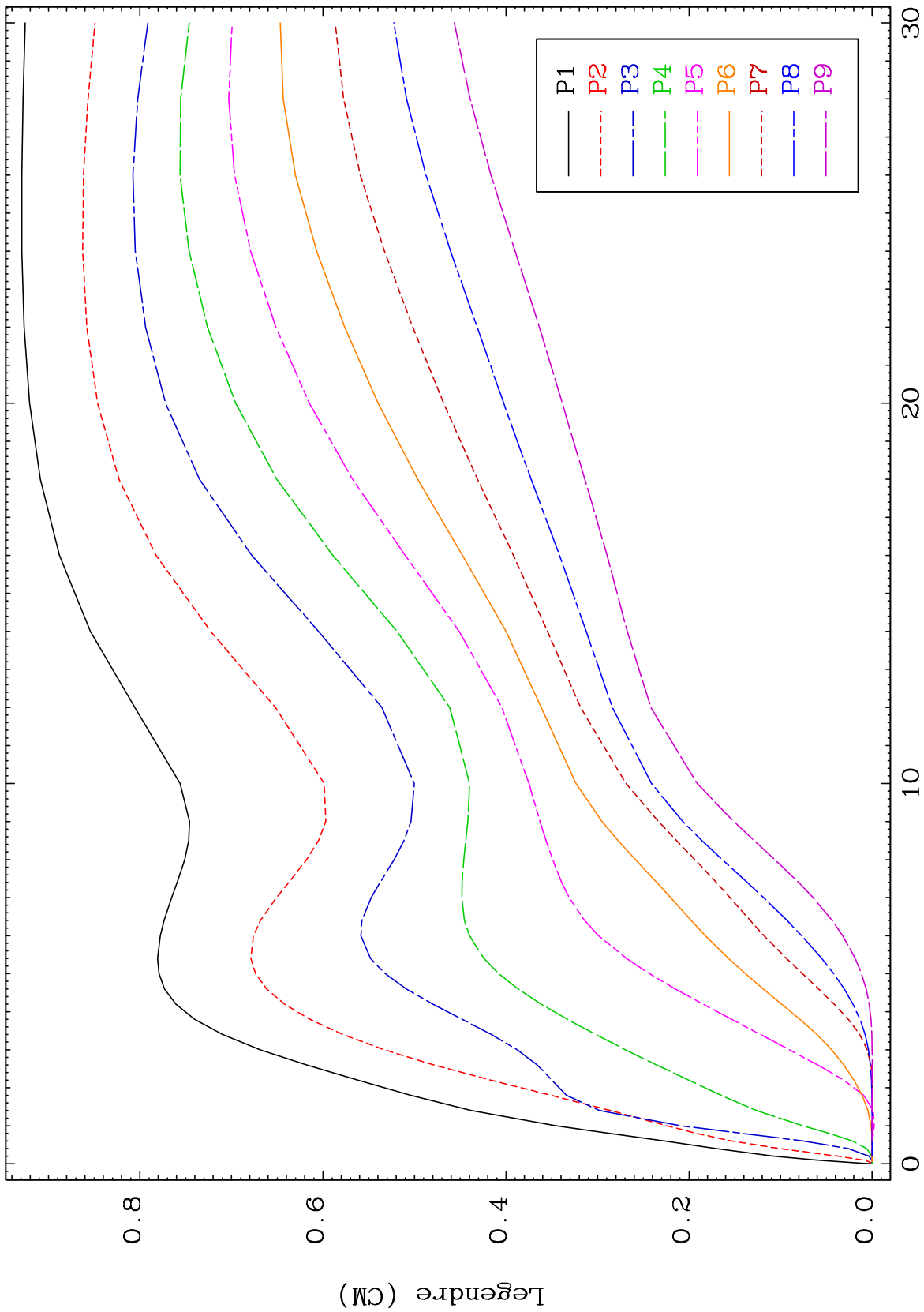




MAT 7895

79-Au-187

Elastic Legendre Coefficients



79-Au-187

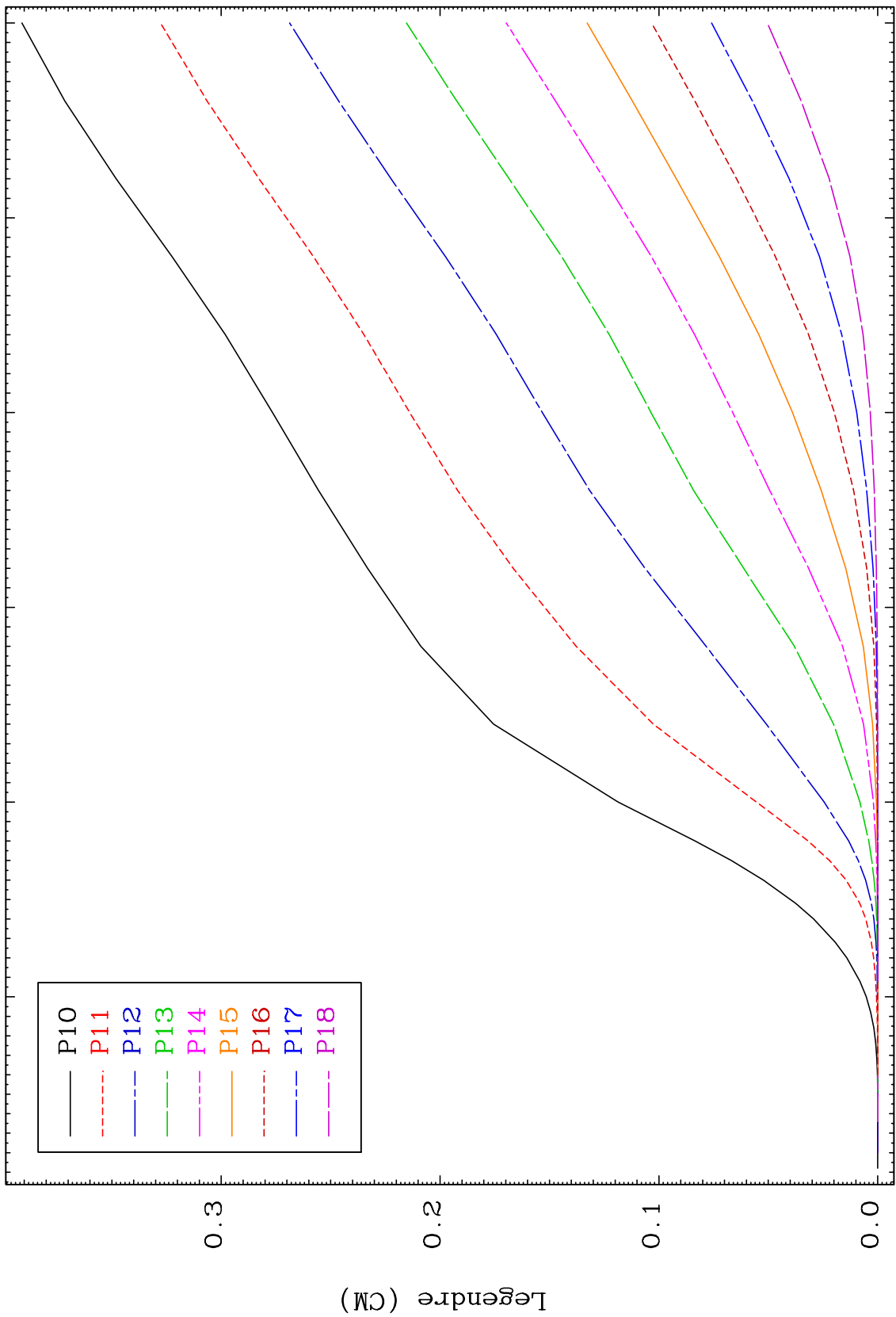
Incident Energy (MeV)

16

MAT 7895

Elastic Legendre Coefficients

⁷⁹Au-¹⁸⁷



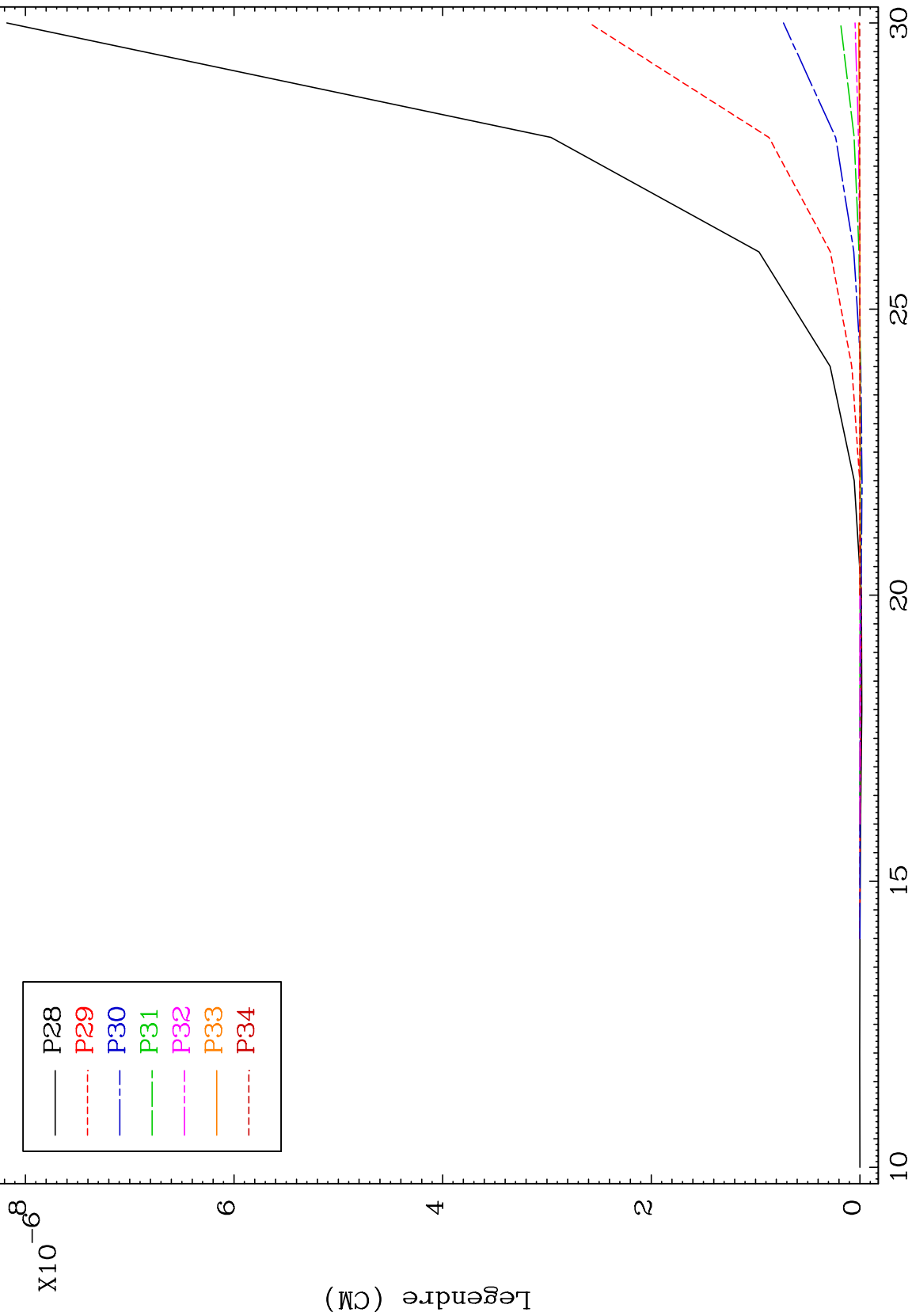
17

⁷⁹Au-¹⁸⁷

MAT 7895

Elastic
Legendre Coefficients

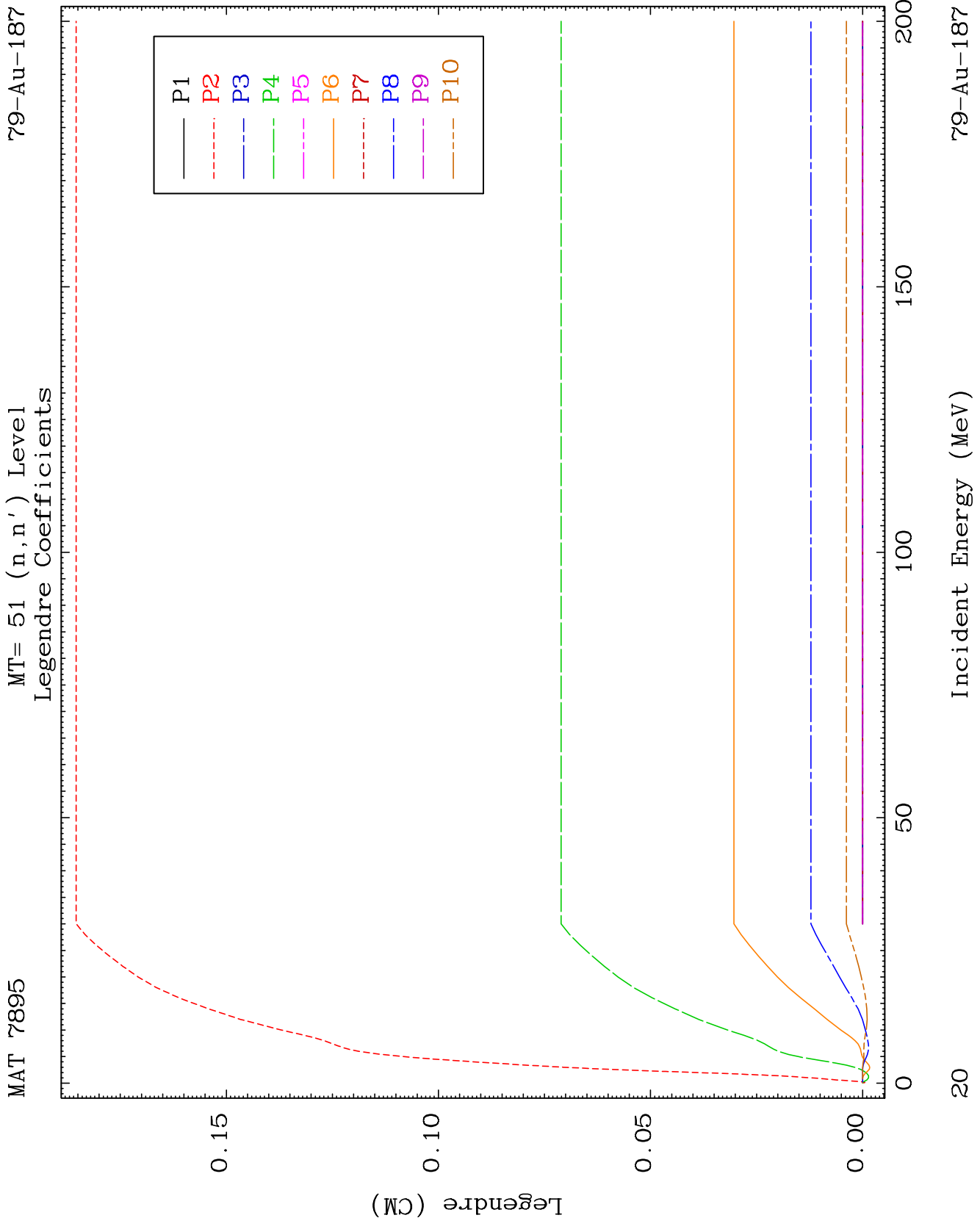
79-Au-187



19

Incident Energy (MeV)

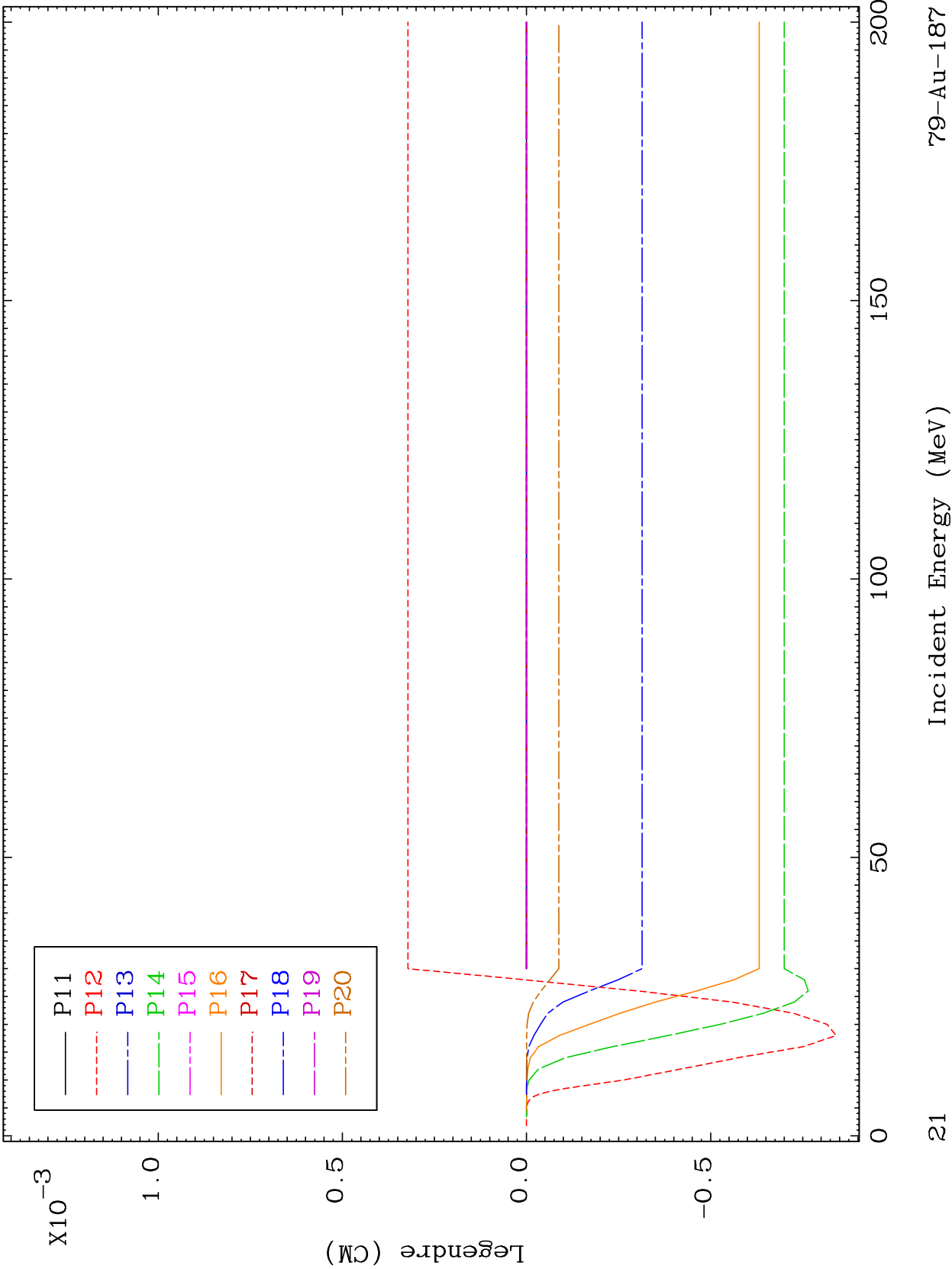
79-Au-187



MAT 7895

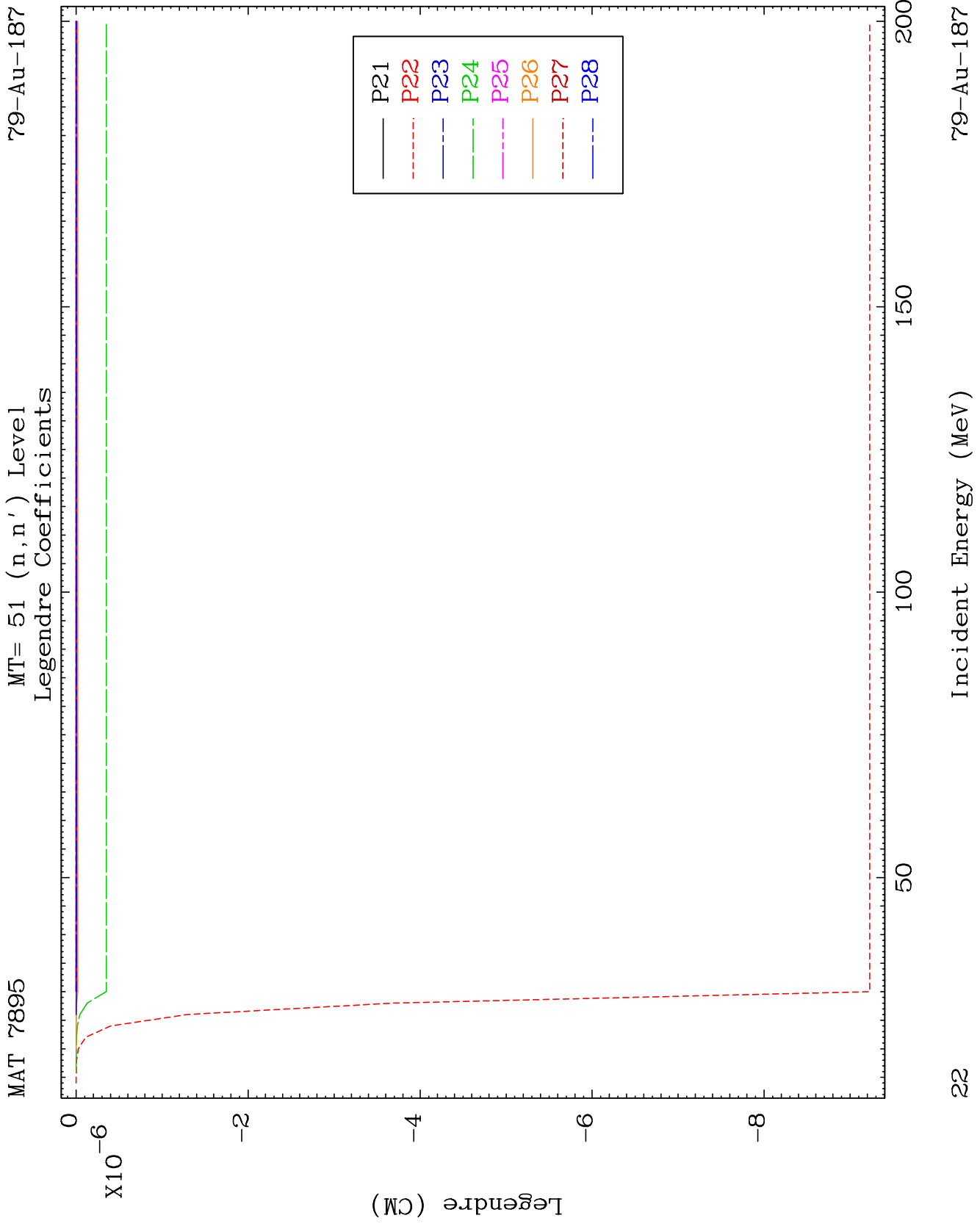
MT= 51 (n,n') Level
Legendre Coefficients

79-Au-187



21

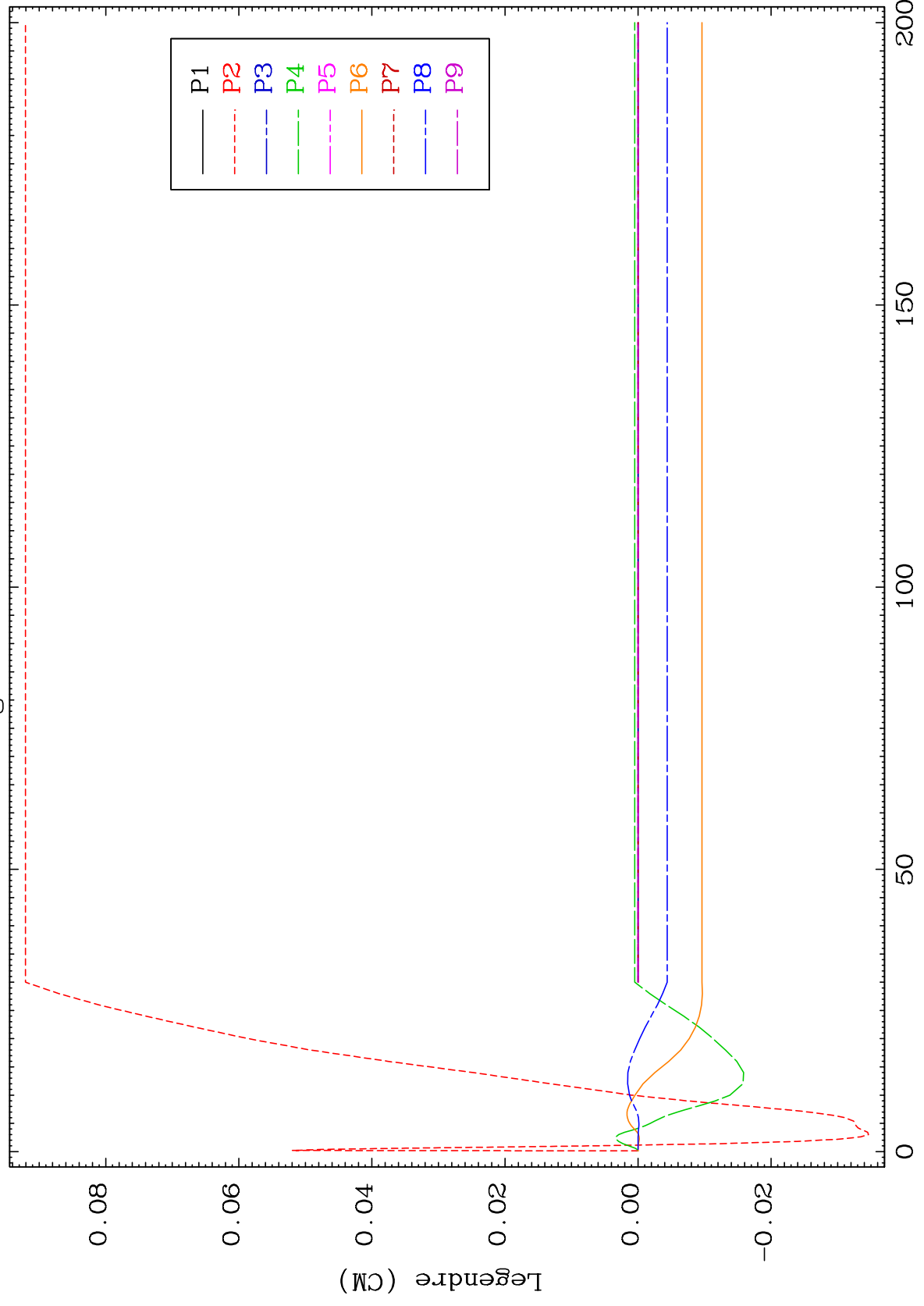
79-Au-187



MAT 7895

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

79-Au-187



23

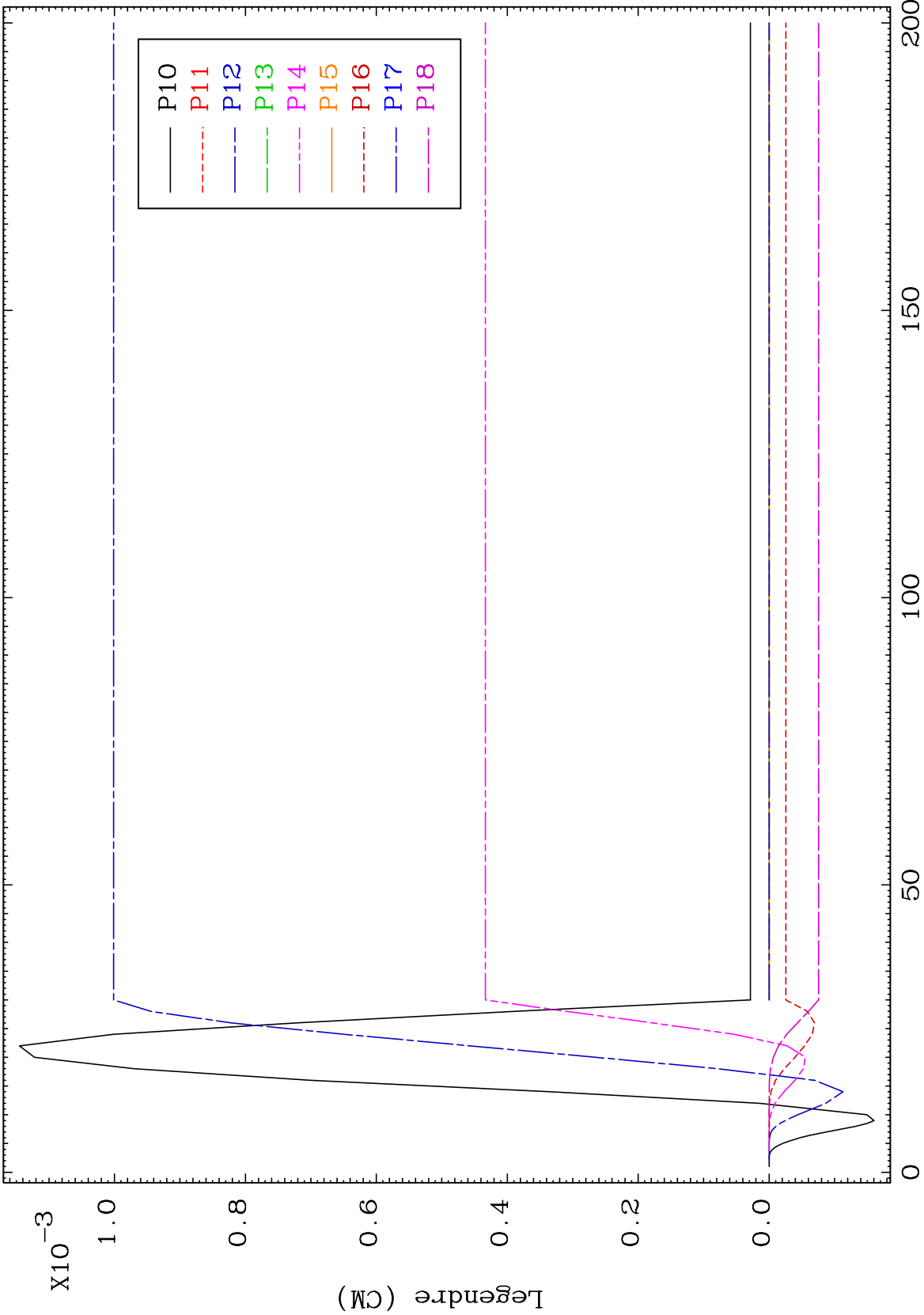
Incident Energy (MeV)

79-Au-187

MAT 7895

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

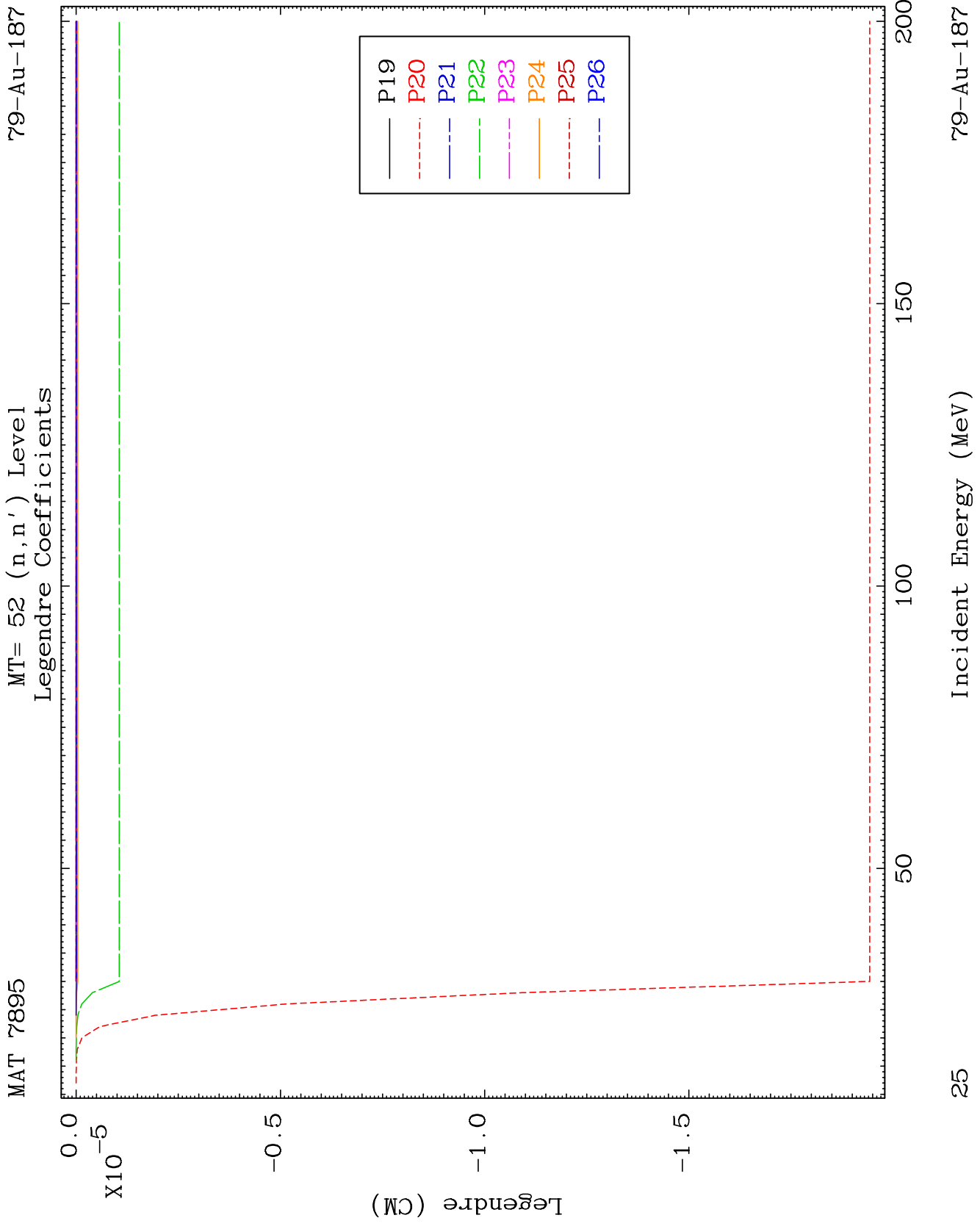
79-Au-187



24

Incident Energy (MeV)

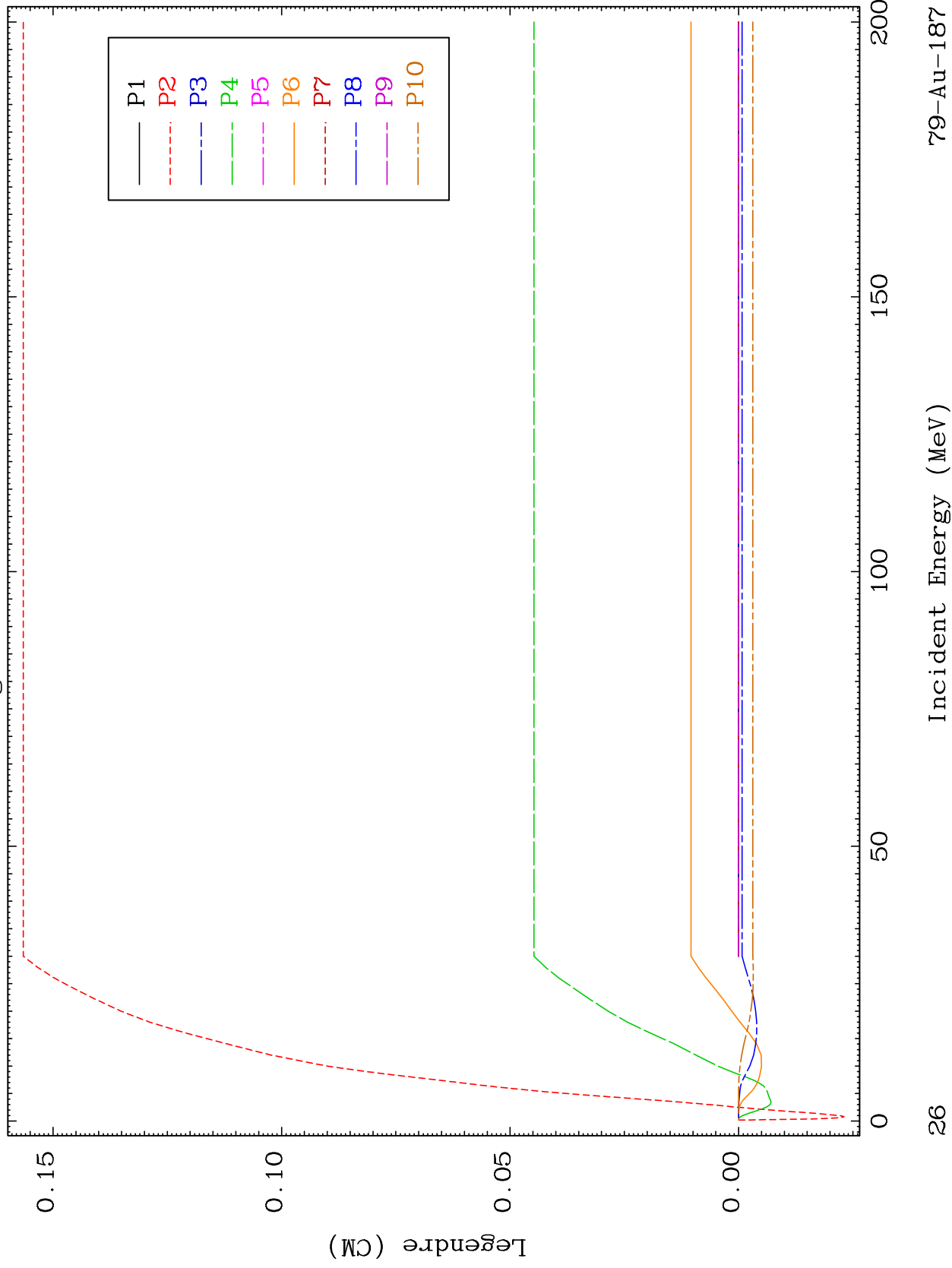
79-Au-187



MAT 7895

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

79-Au-187



26

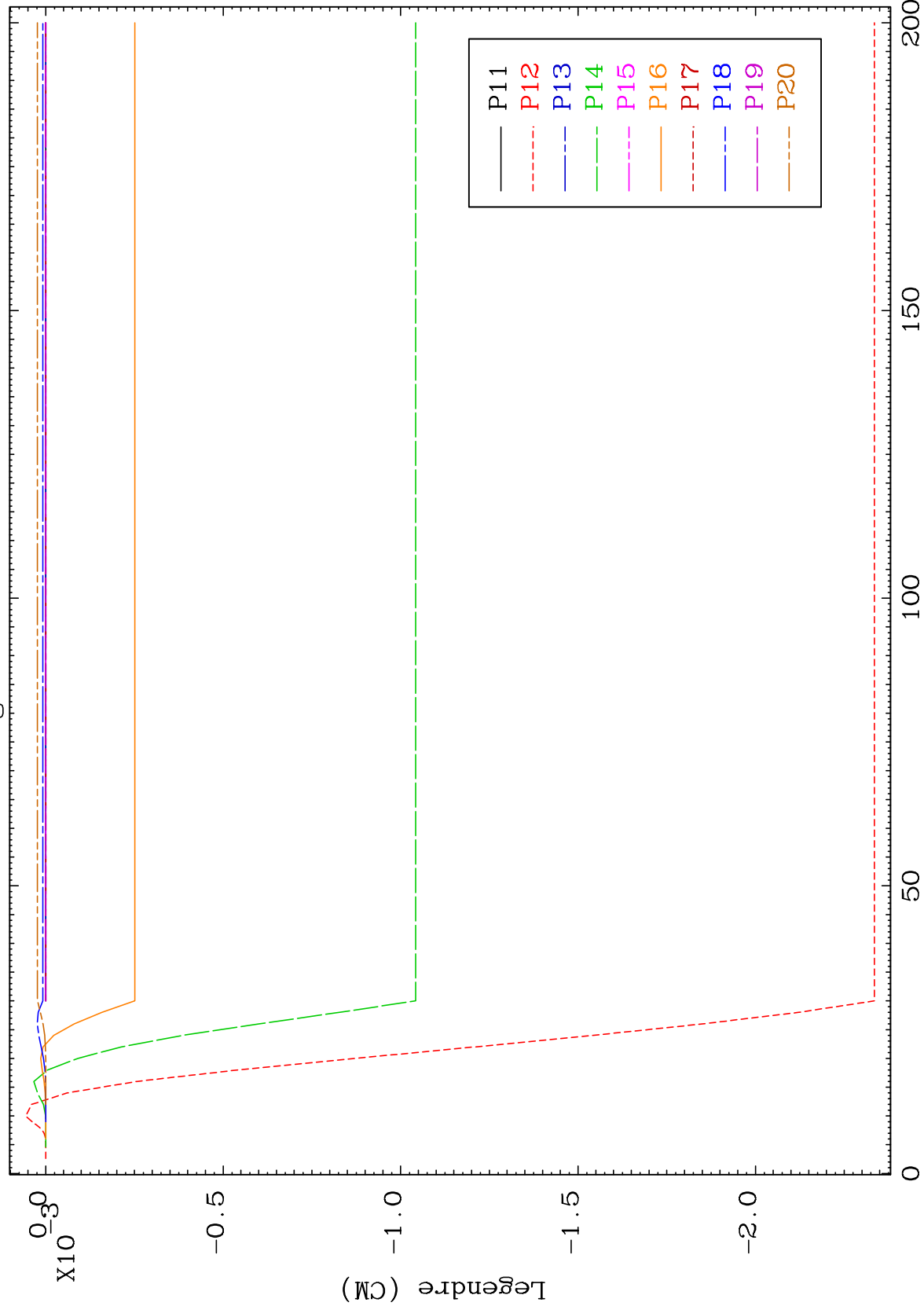
Incident Energy (MeV)

79-Au-187

MAT 7895

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

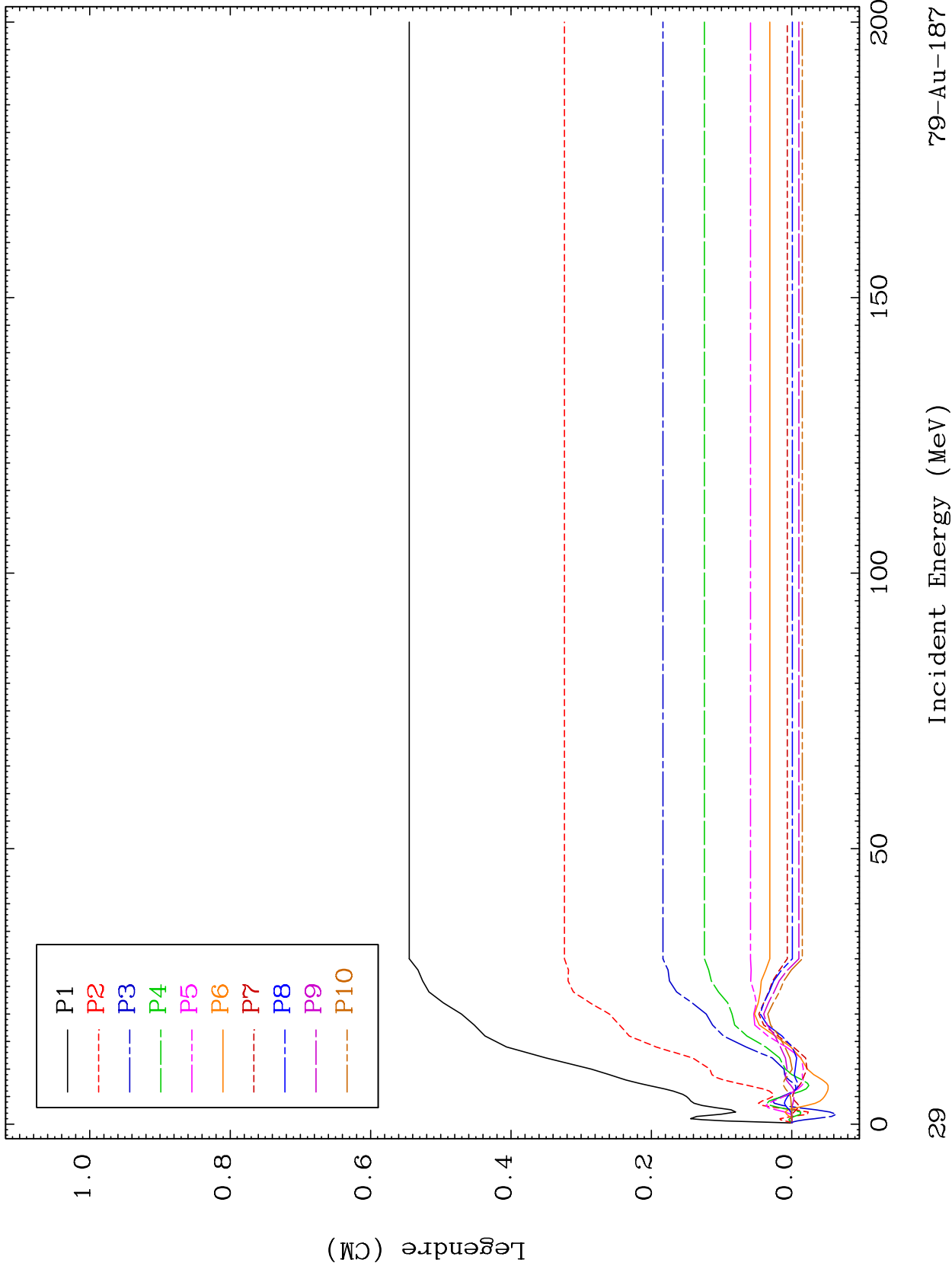
79-Au-187



MAT 7895

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

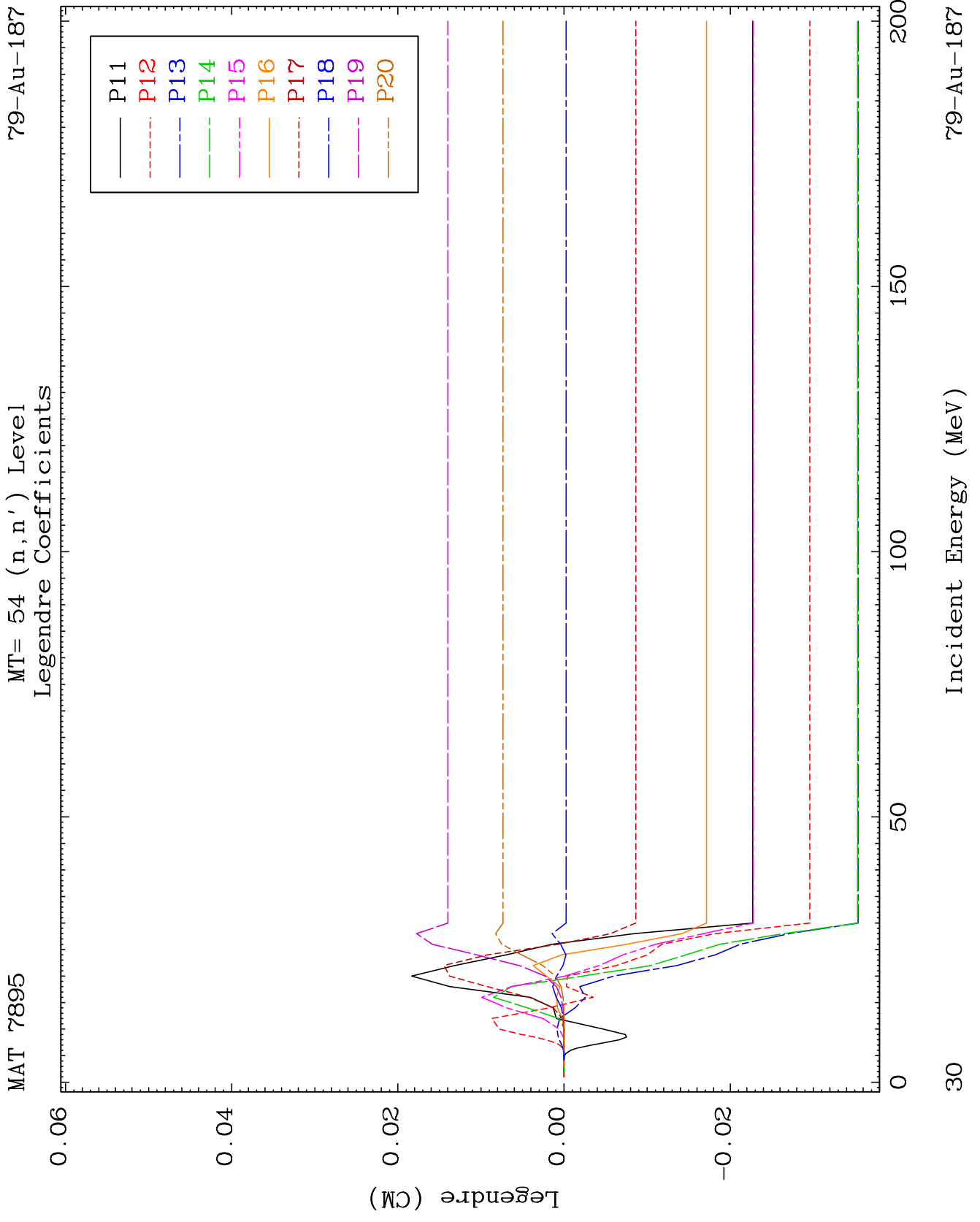
79-Au-187

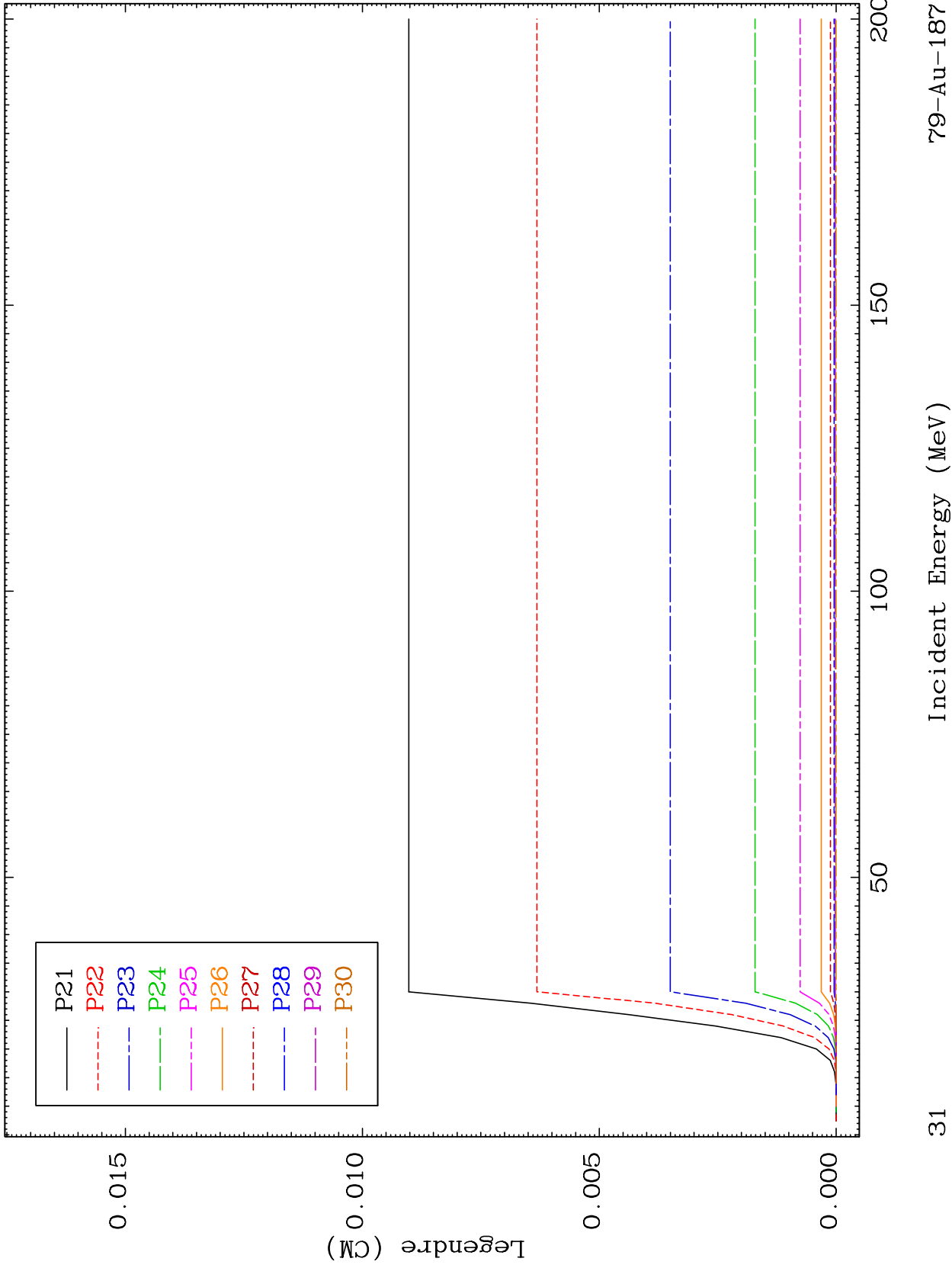


79-Au-187

Incident Energy (MeV)

29

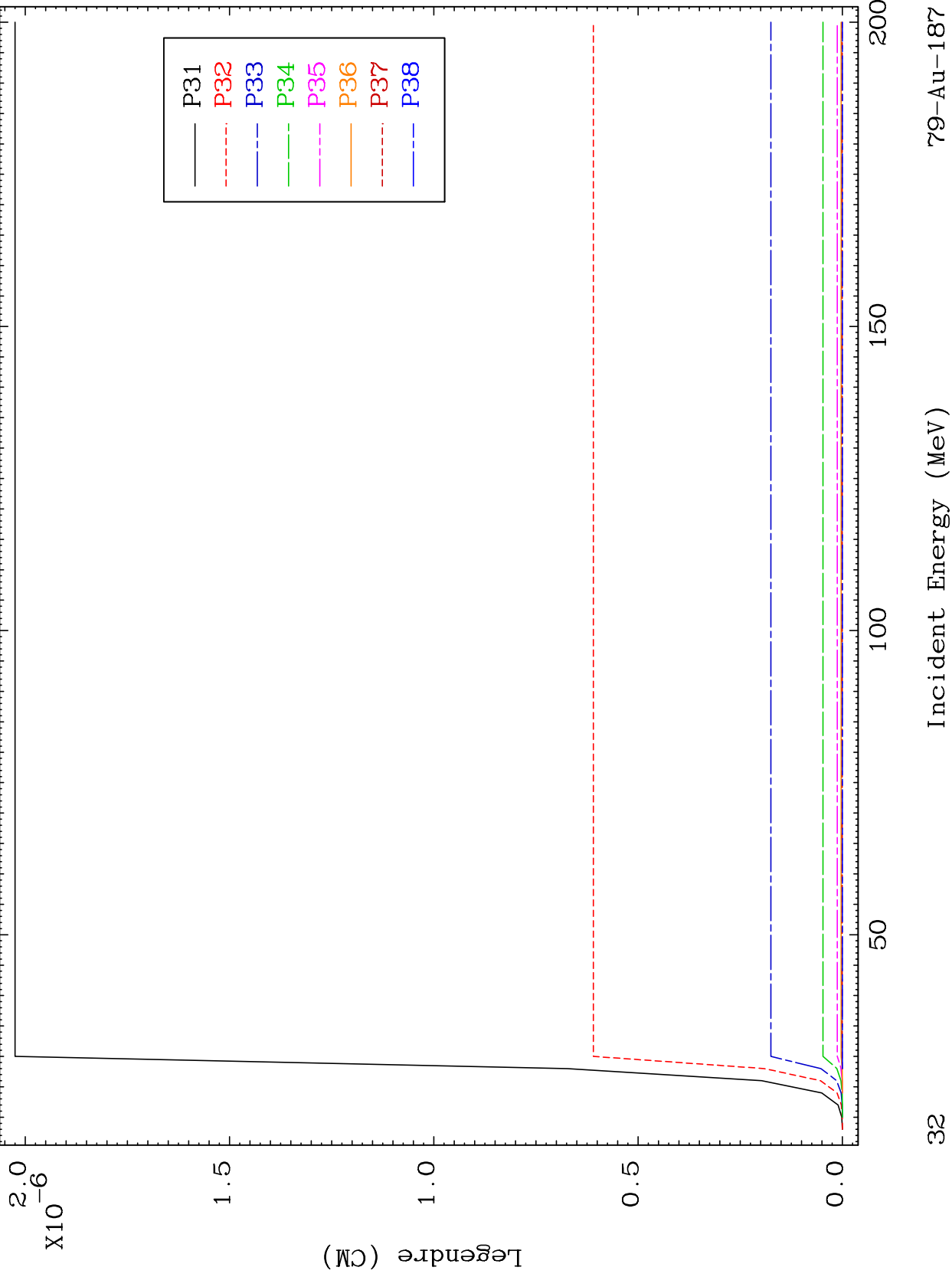




MAT 7895

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

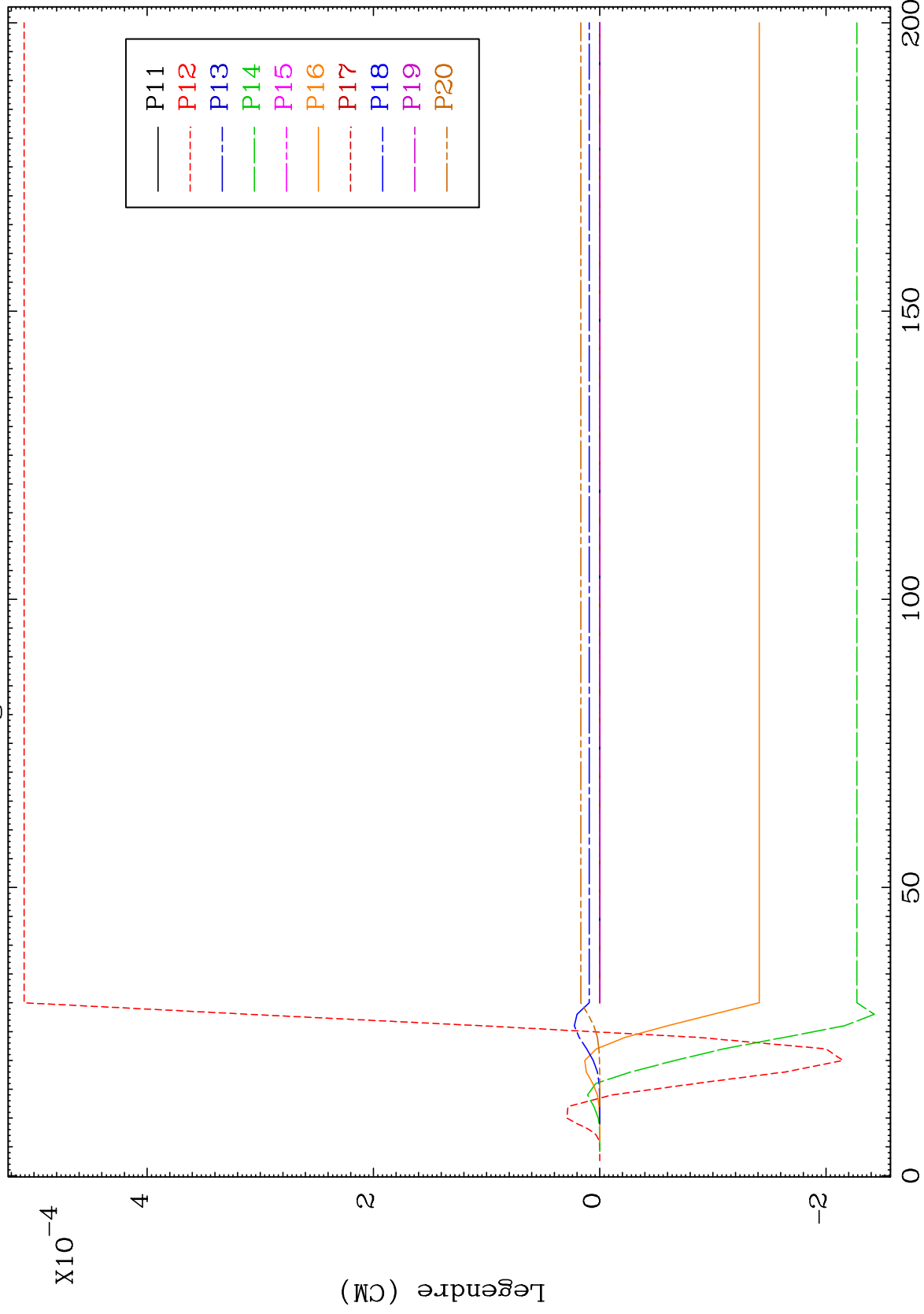
79-Au-187



MAT 7895

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

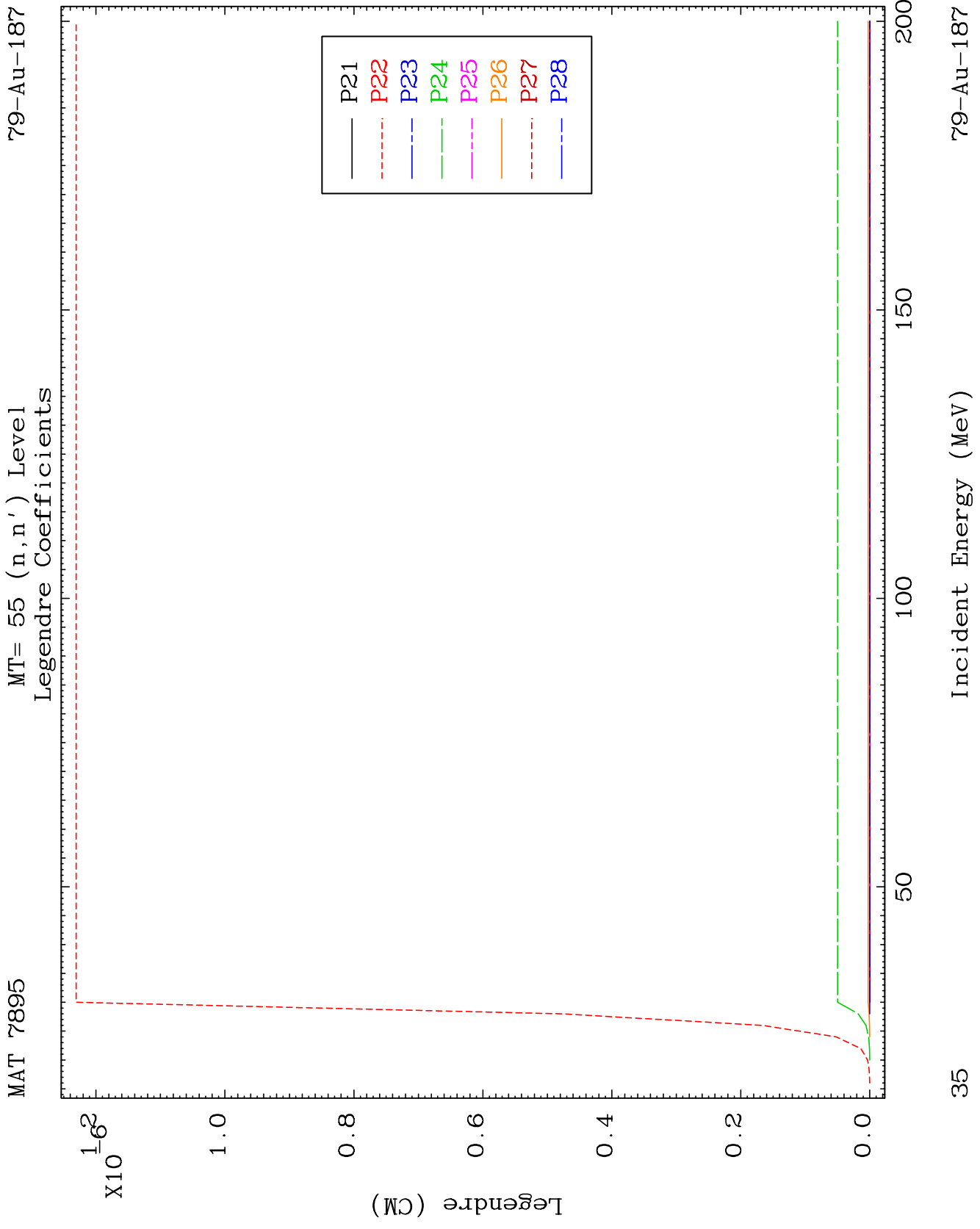
79-Au-187



34

Incident Energy (MeV)

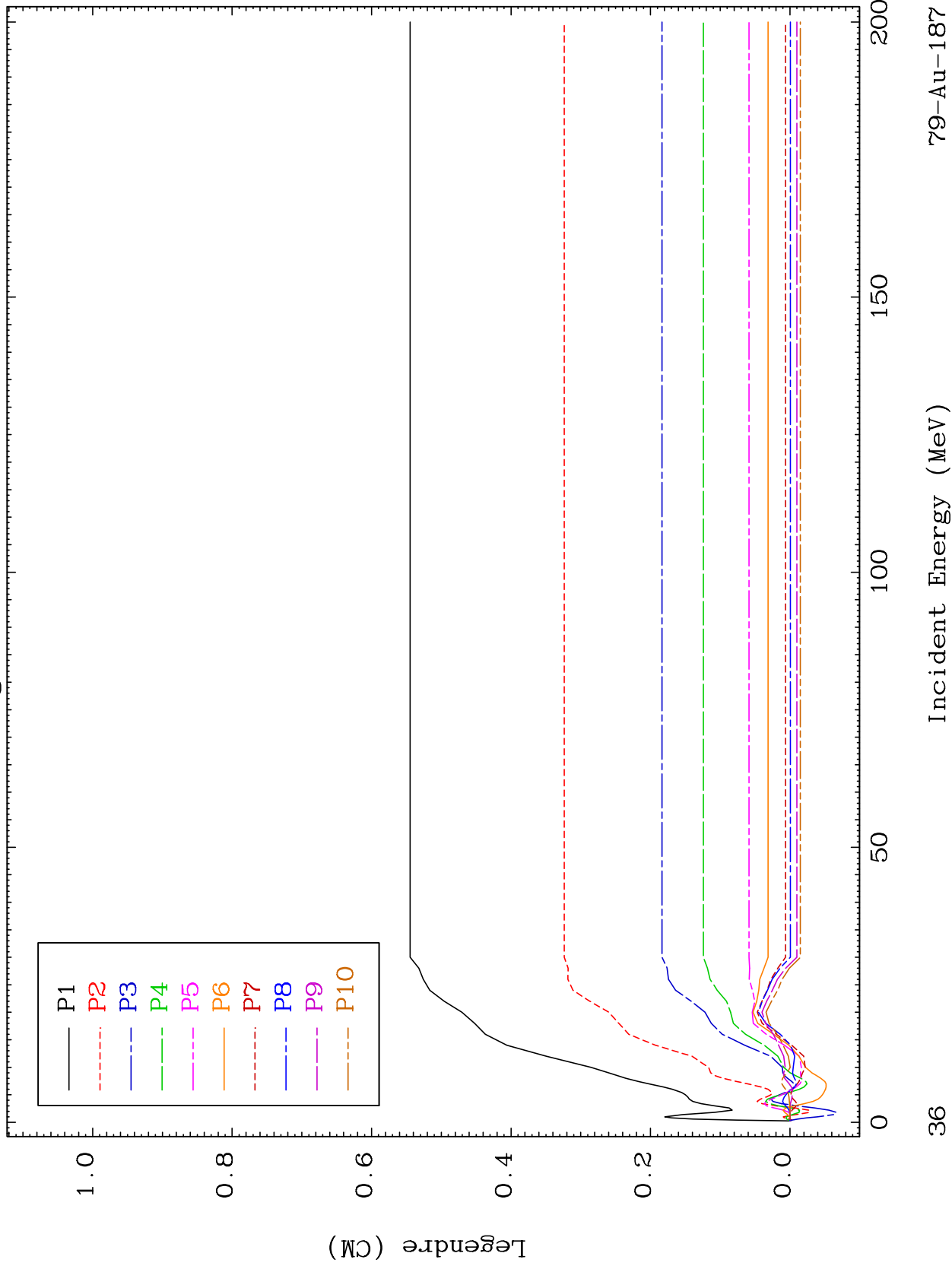
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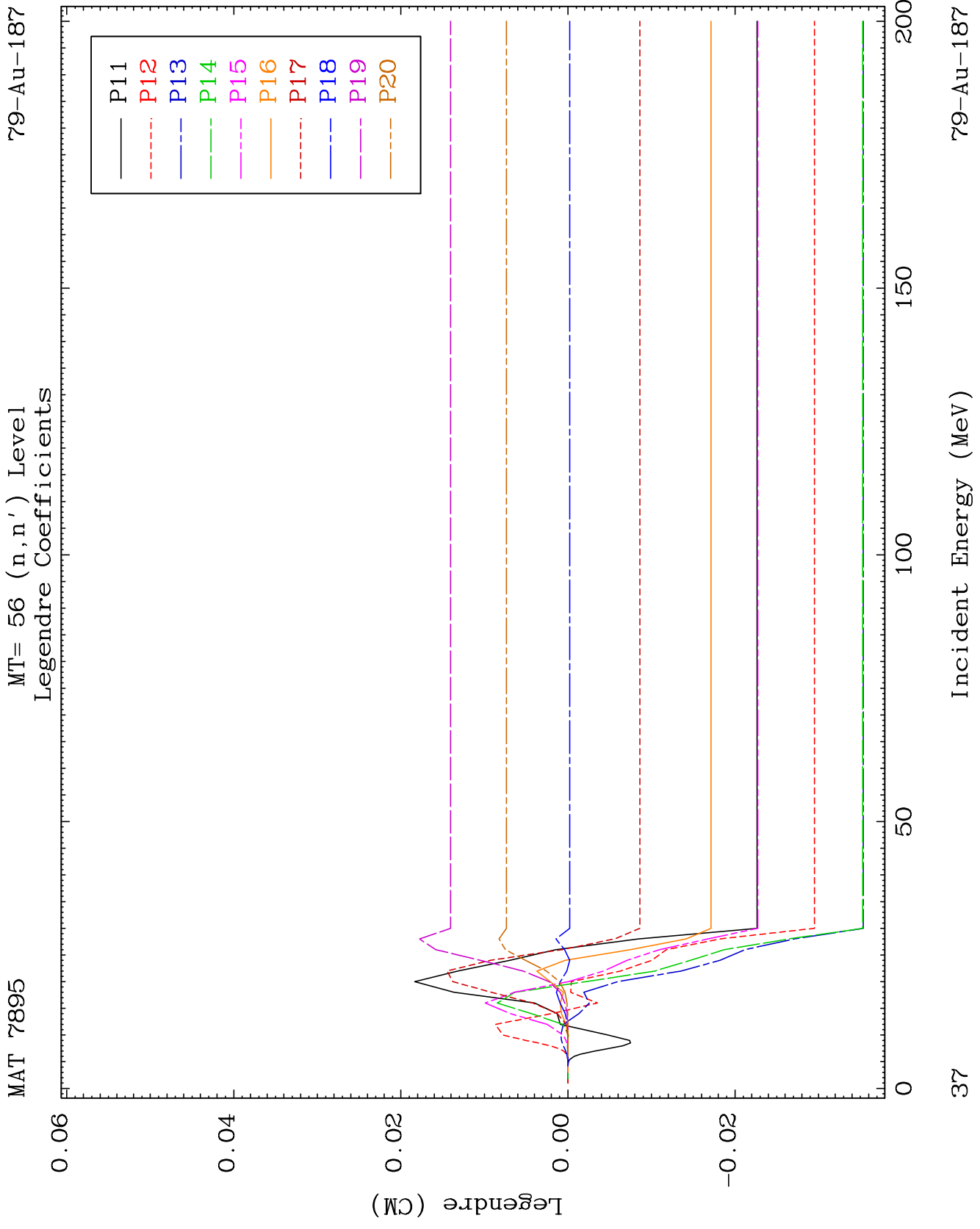


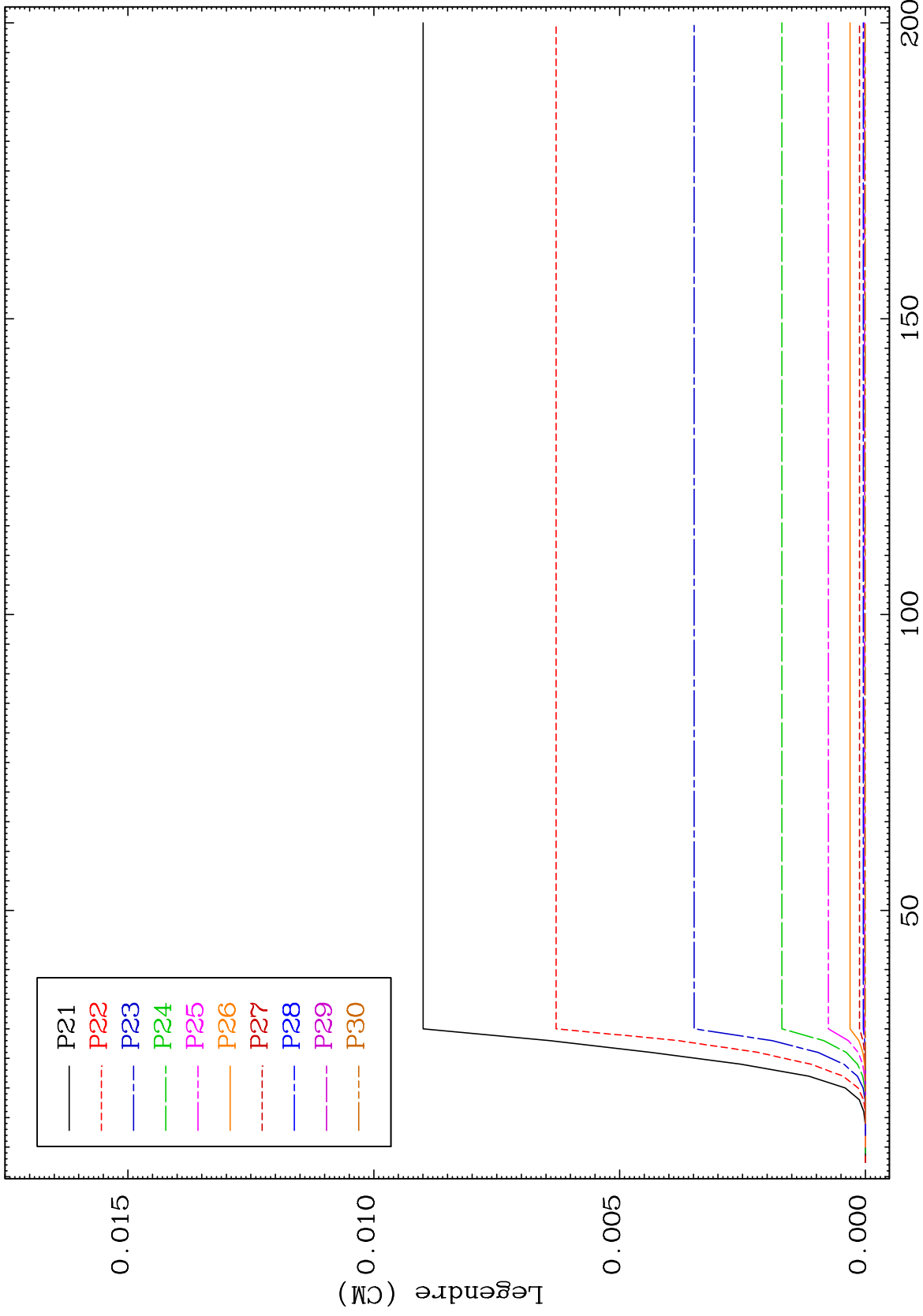
MAT 7895

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

79-Au-187



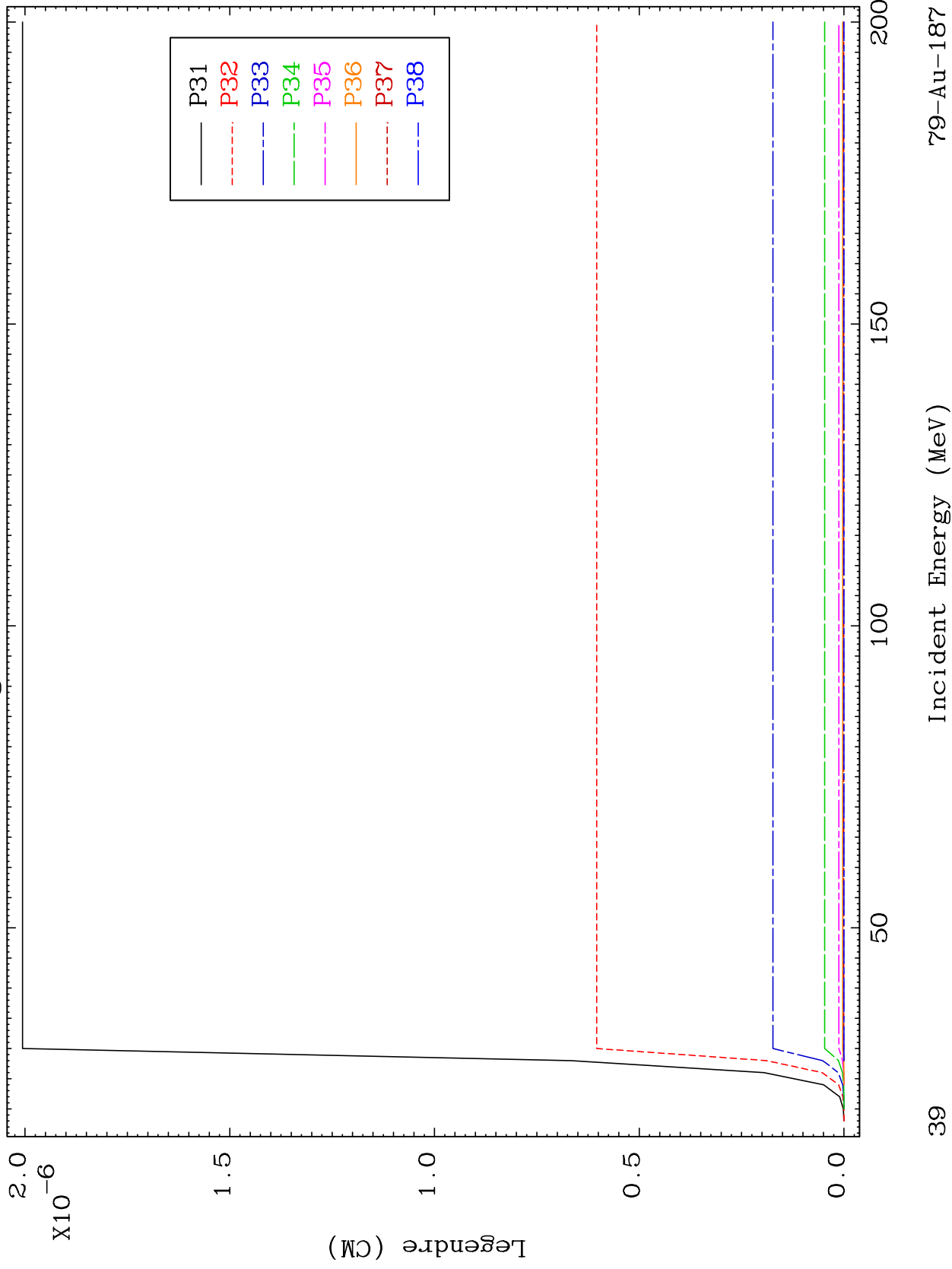


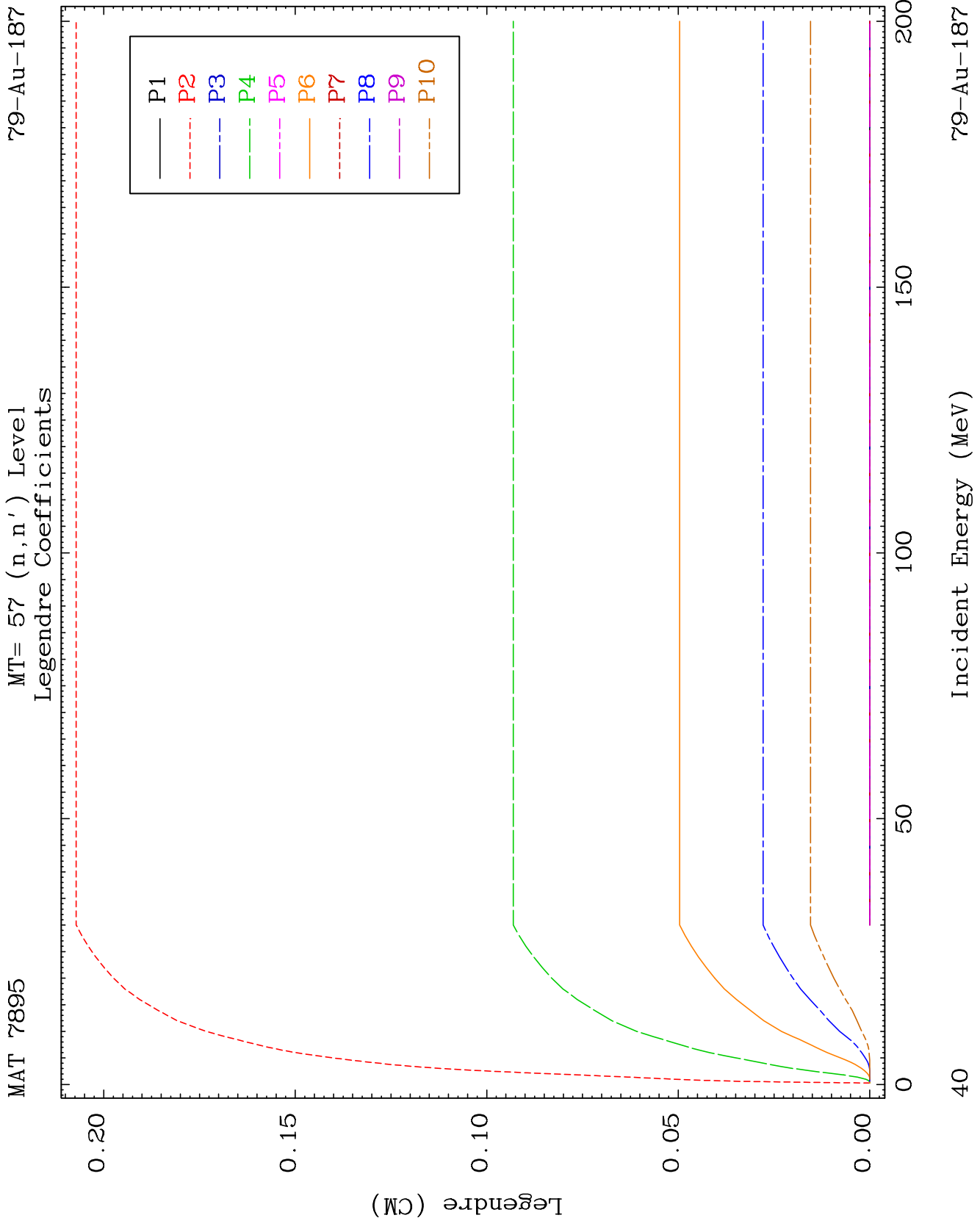


MAT 7895

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

79-Au-187

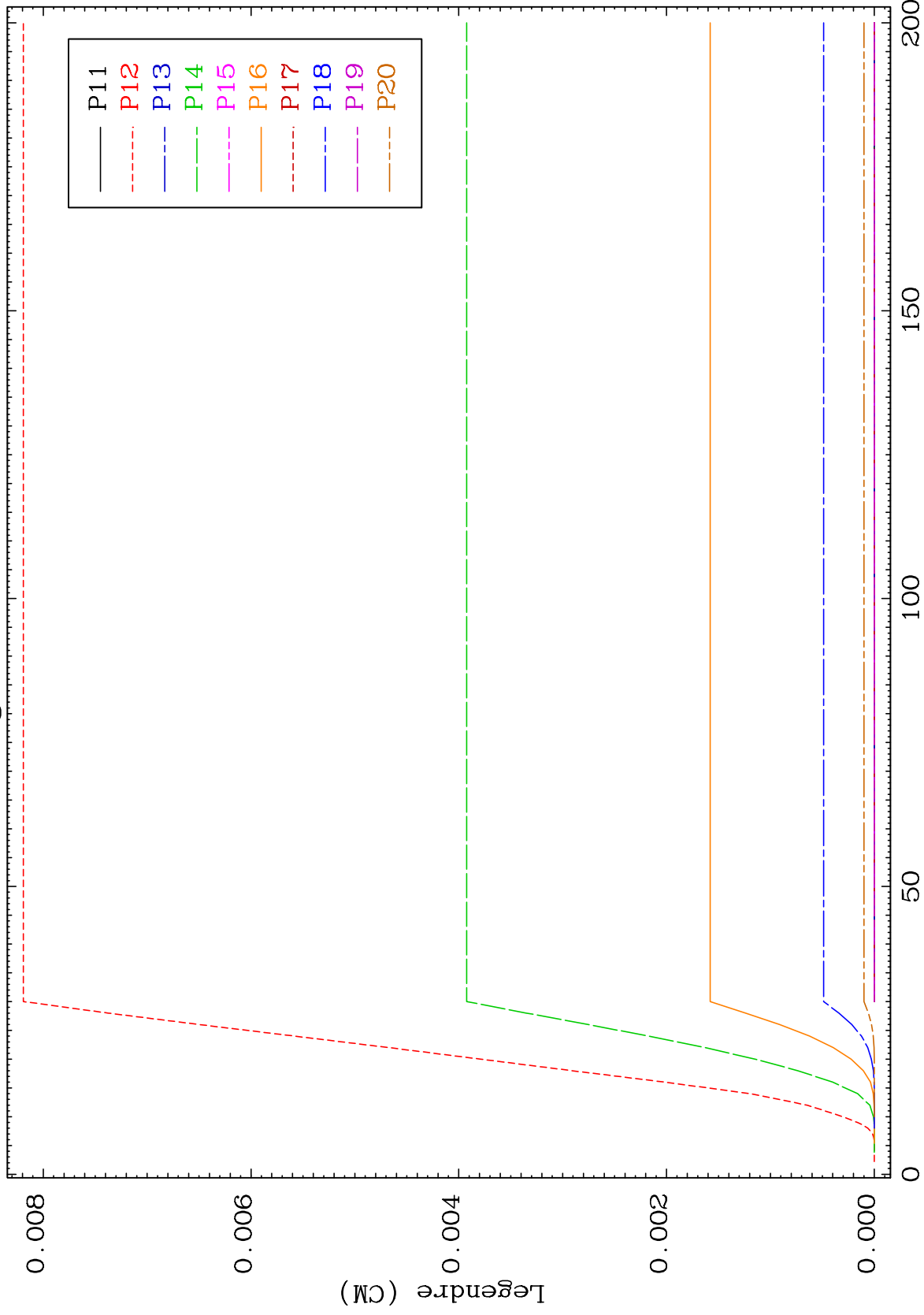




MAT 7895

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

79-Au-187



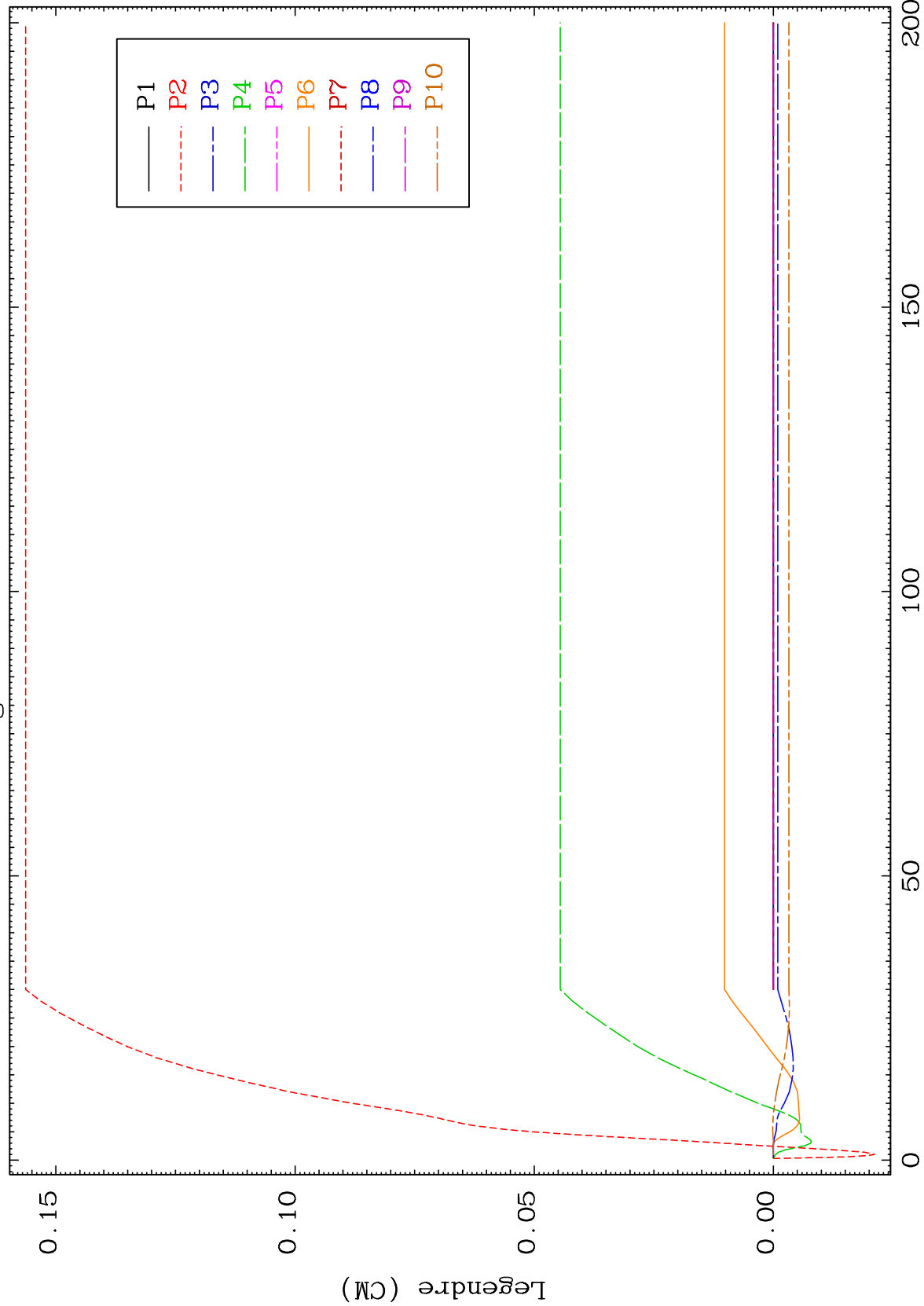
41

79-Au-187

MAT 7895

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

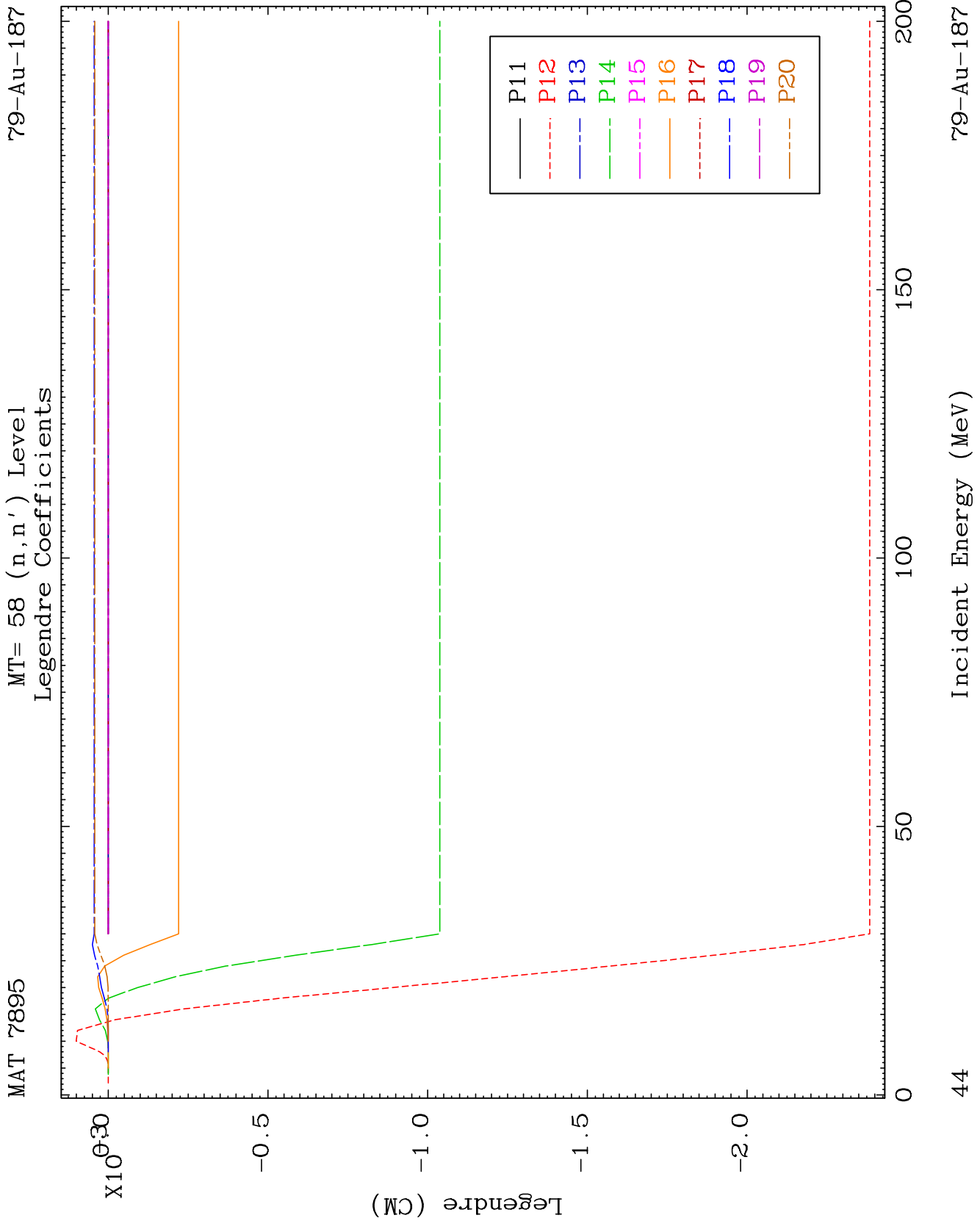
79-Au-187

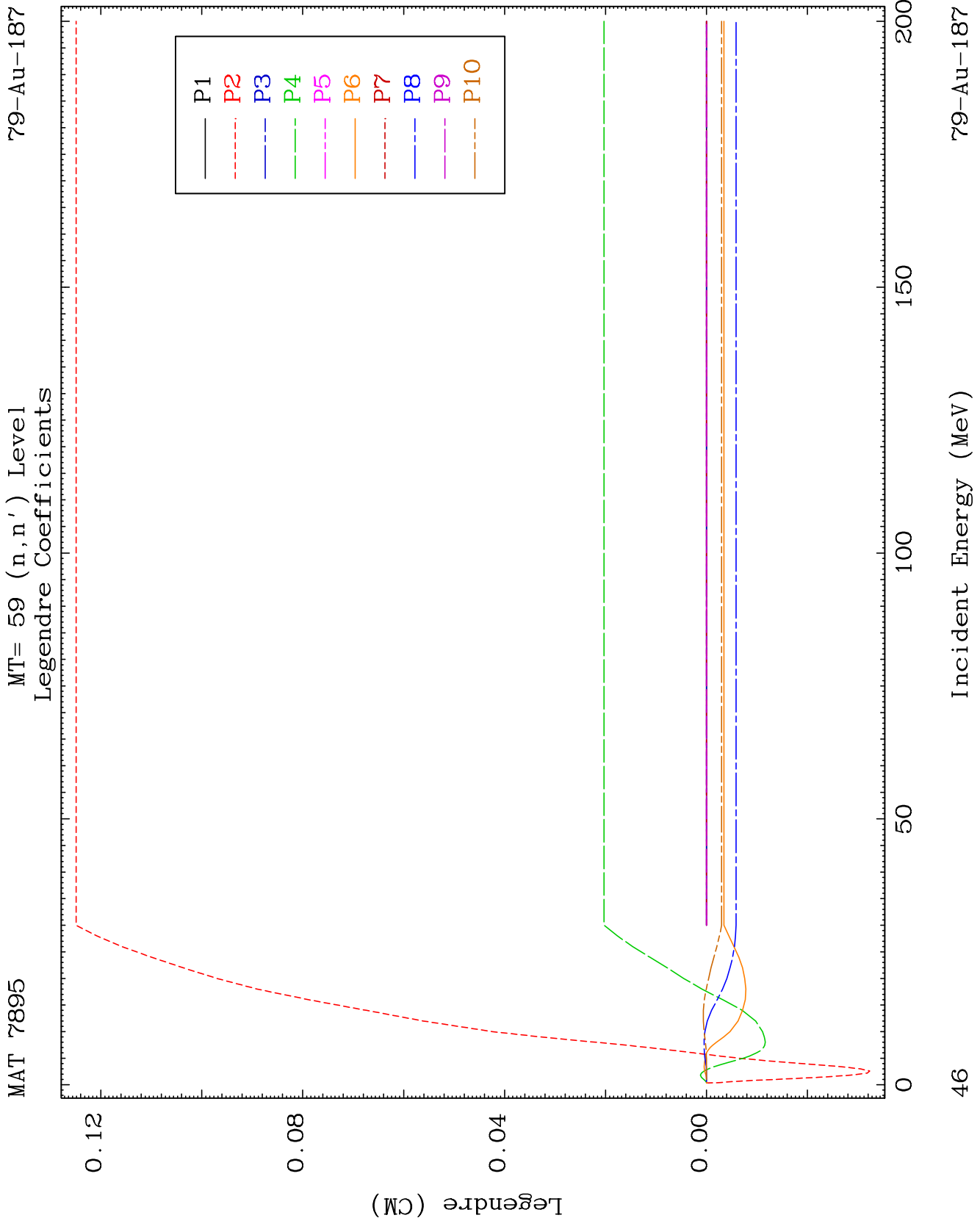


43

Incident Energy (MeV)

79-Au-187

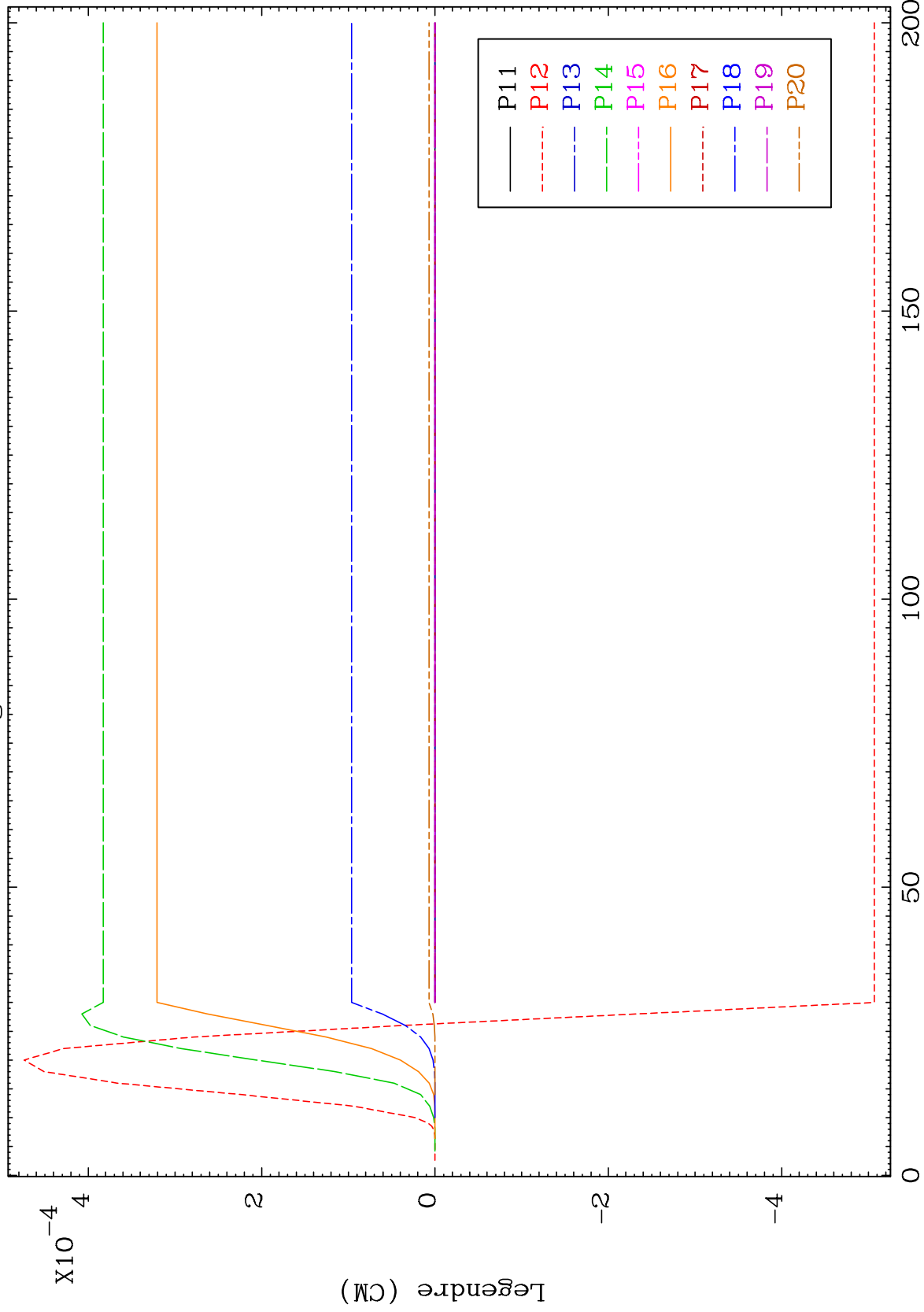




MAT 7895

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

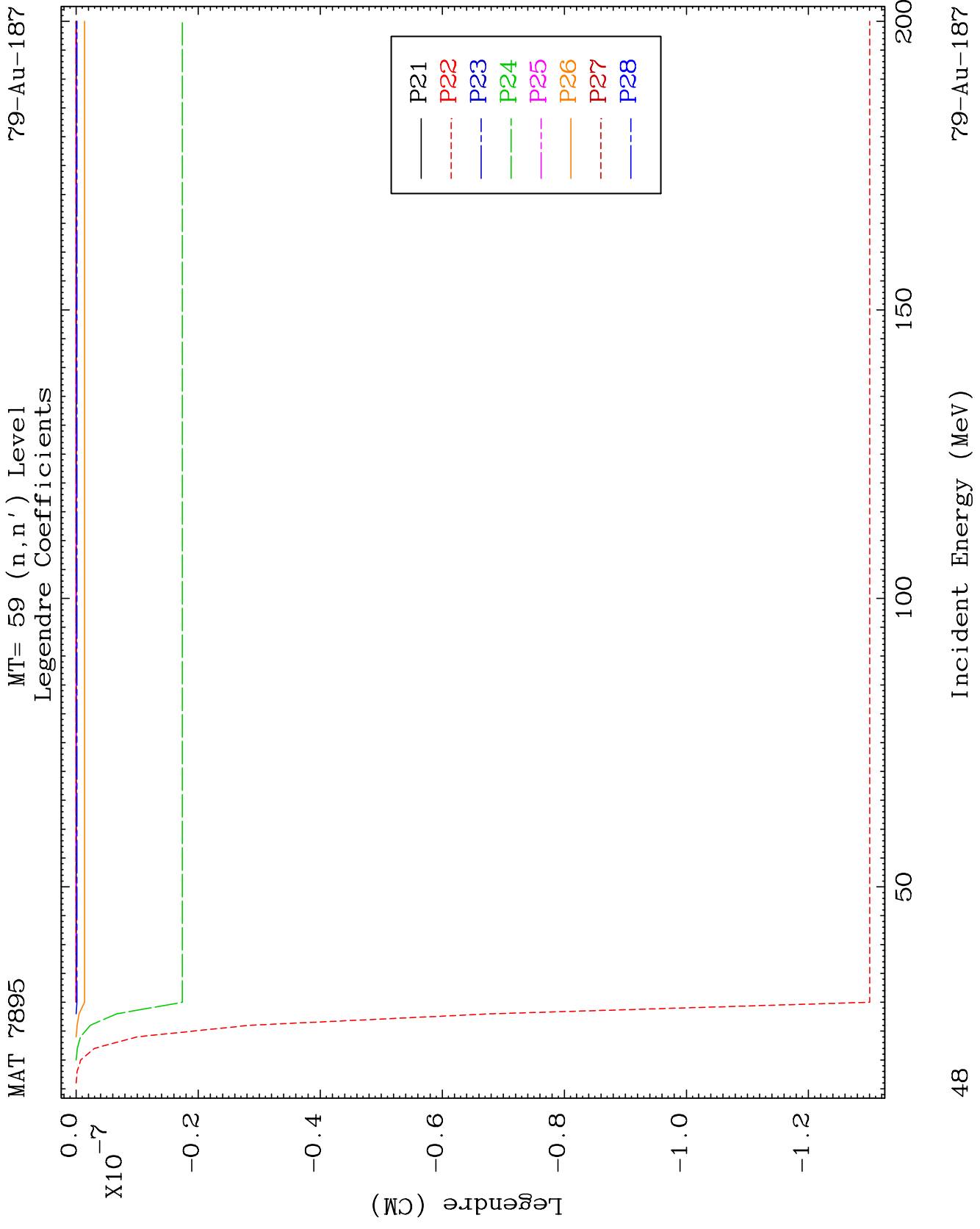
79-Au-187



47

Incident Energy (MeV)

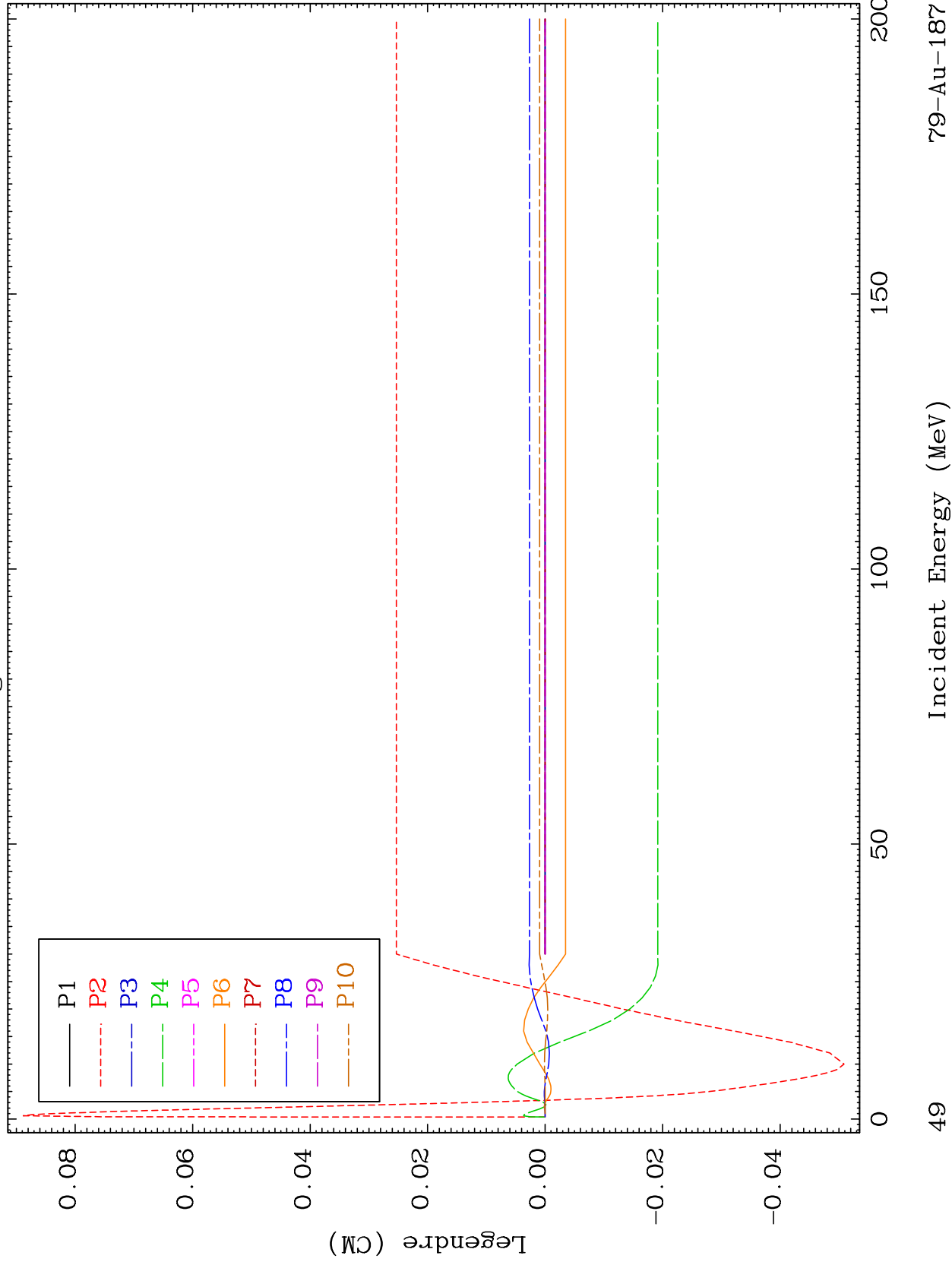
79-Au-187



MAT 7895

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

79-Au-187



79-Au-187

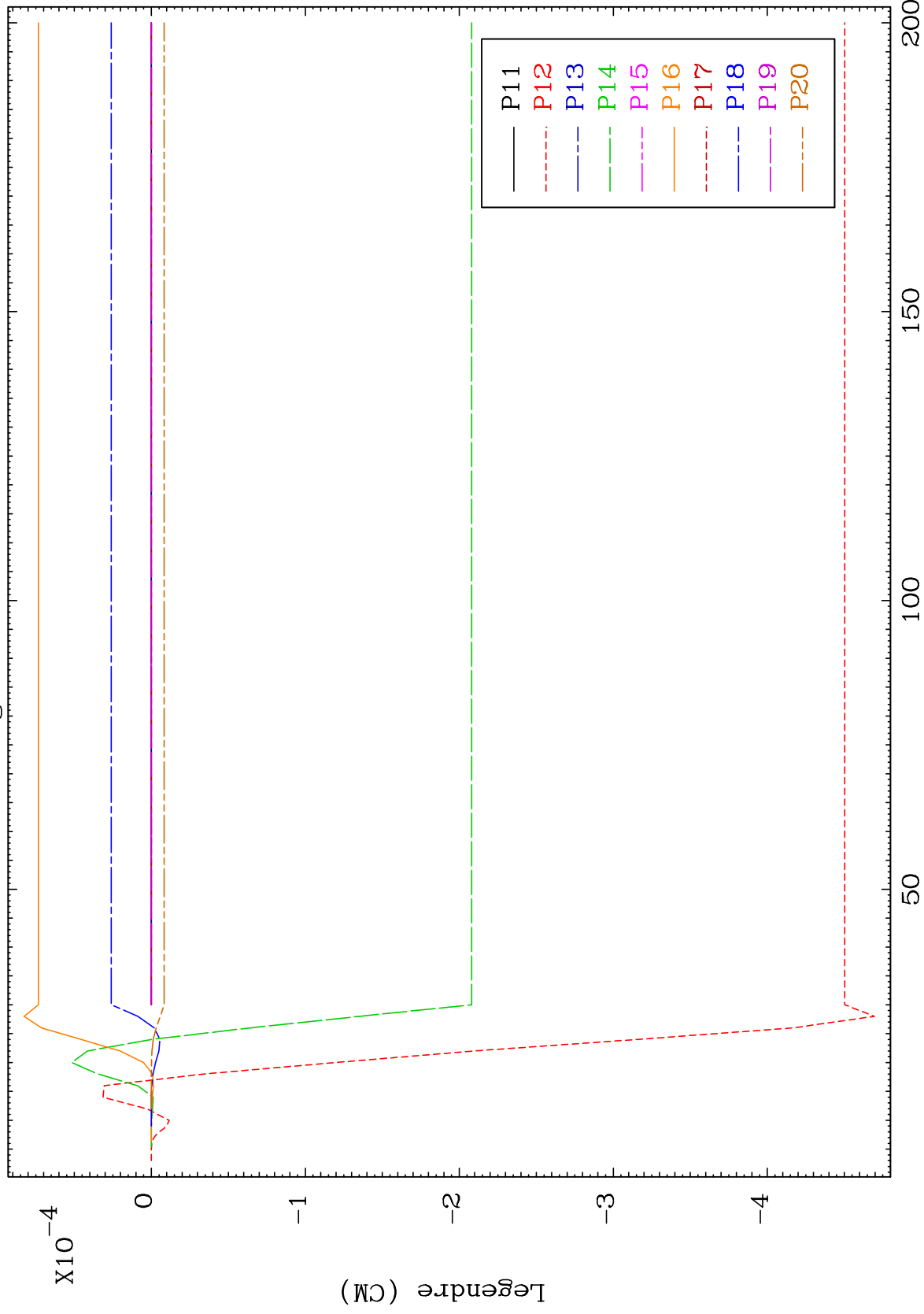
Incident Energy (MeV)

49

MAT 7895

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

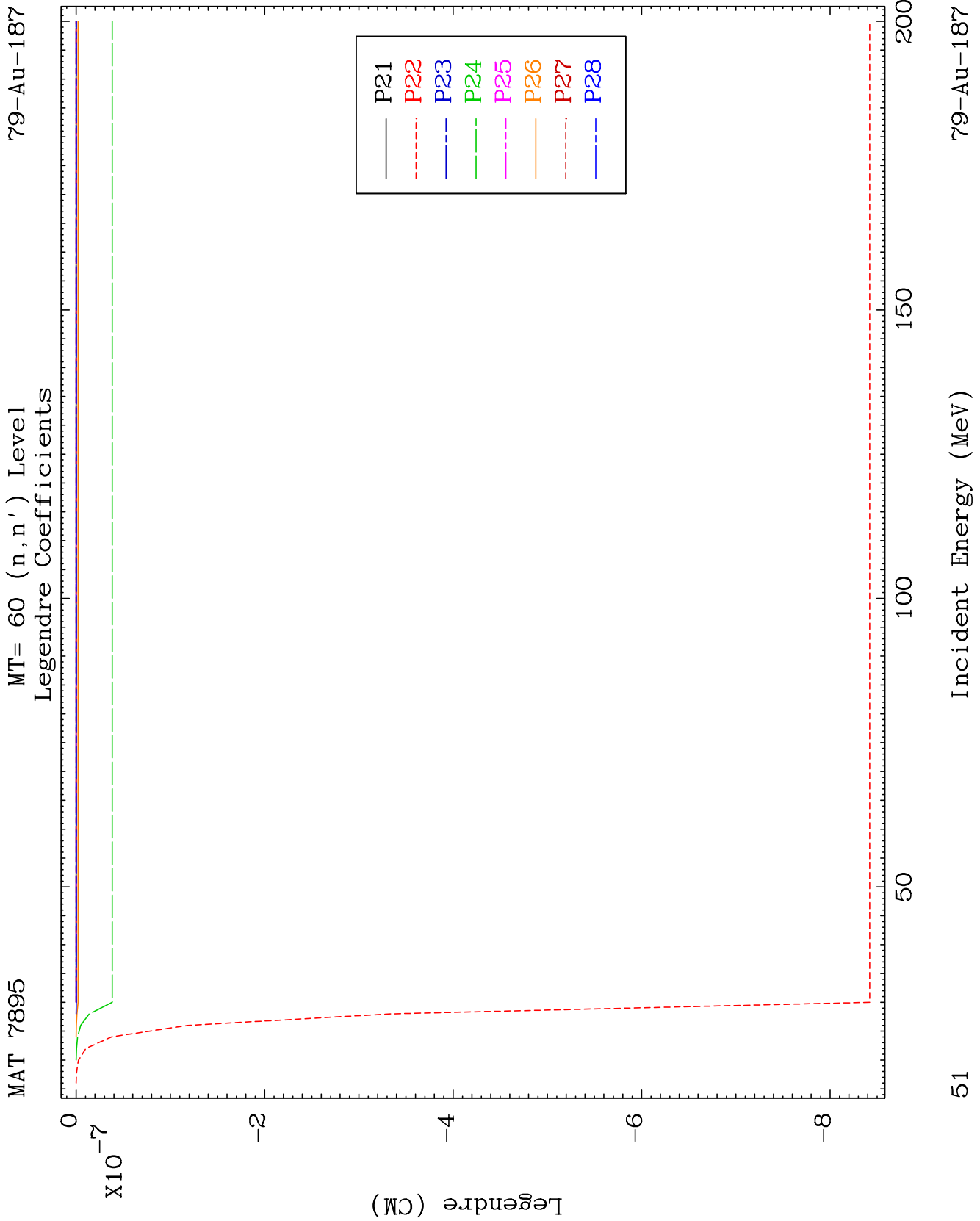
79-Au-187

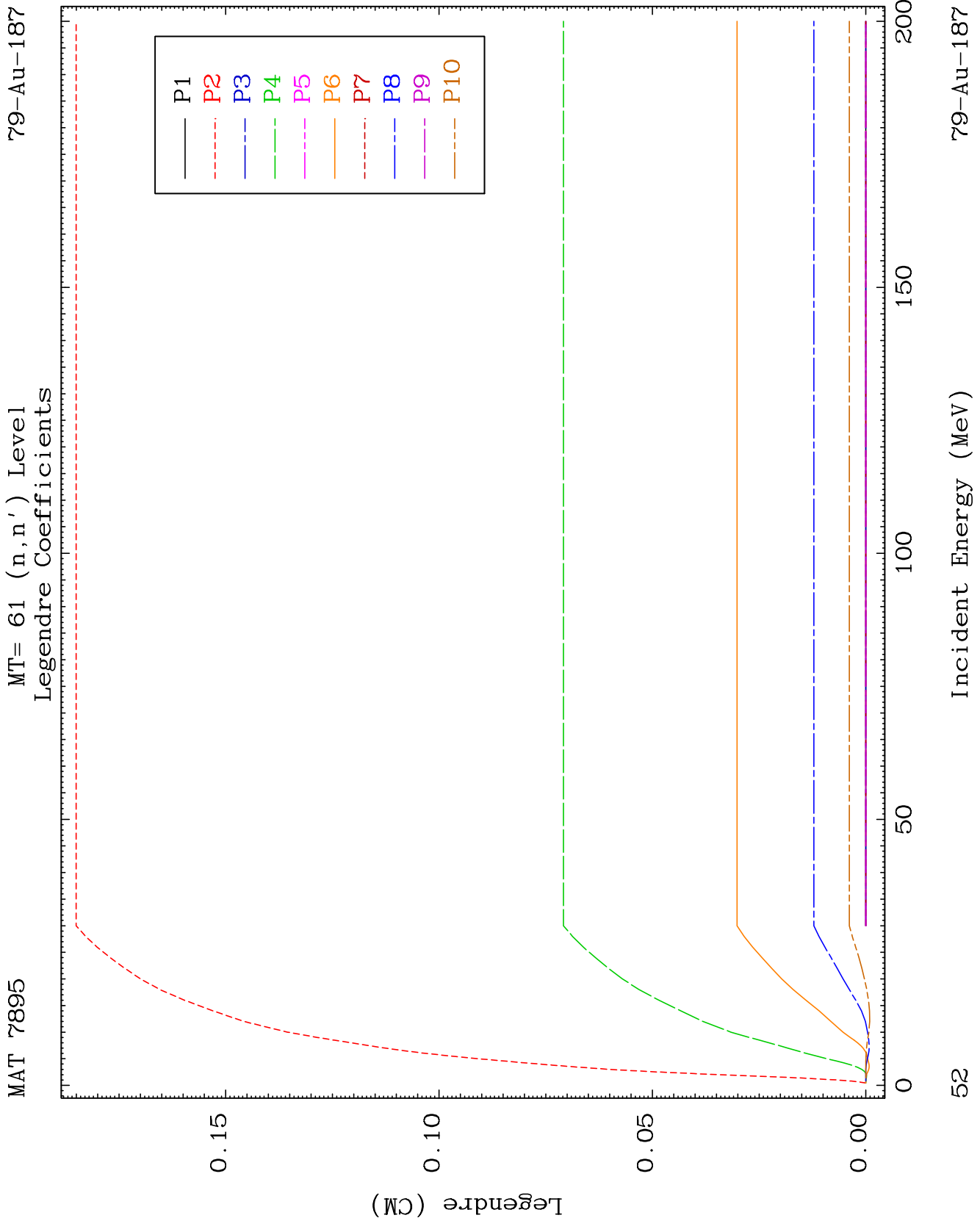


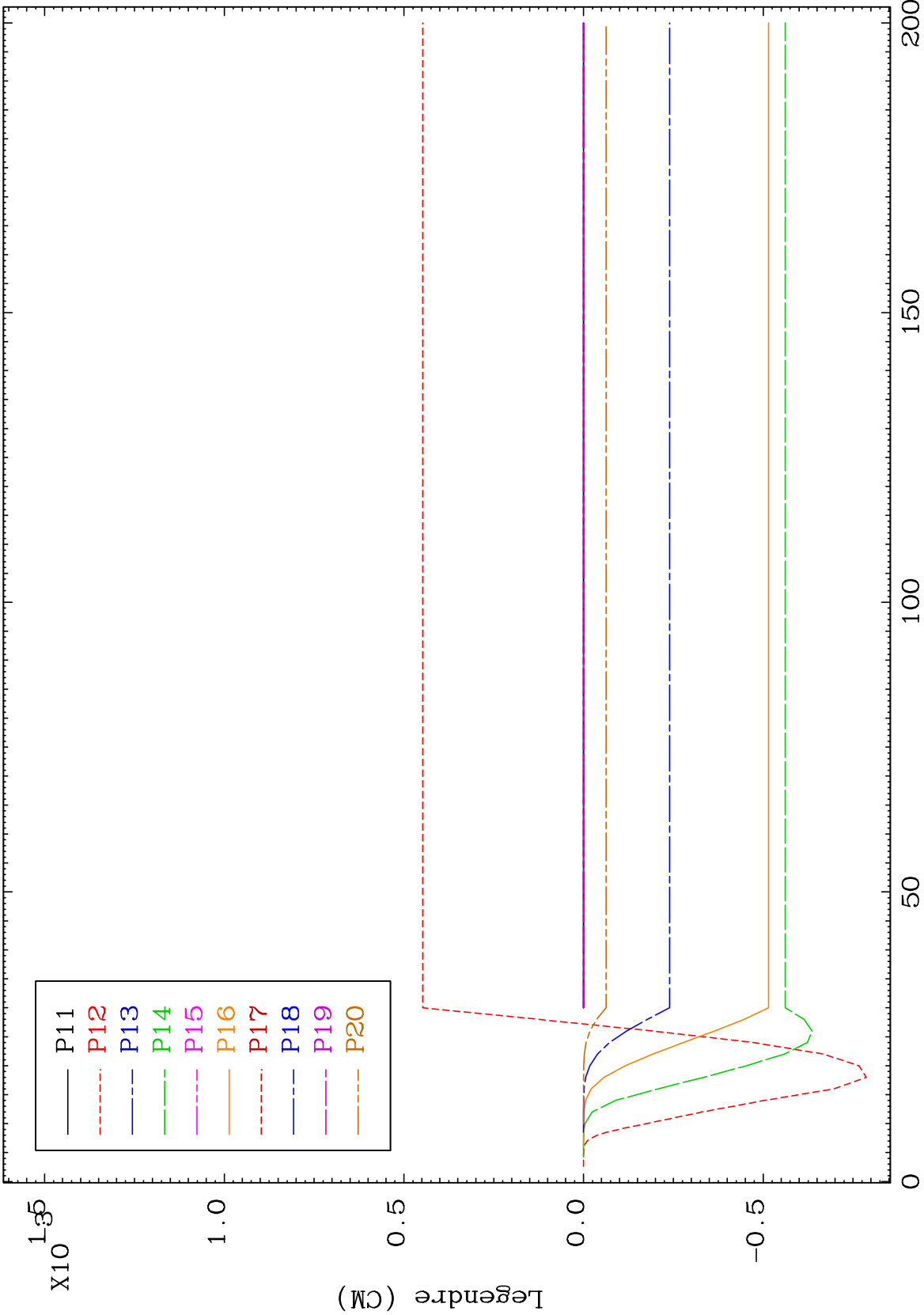
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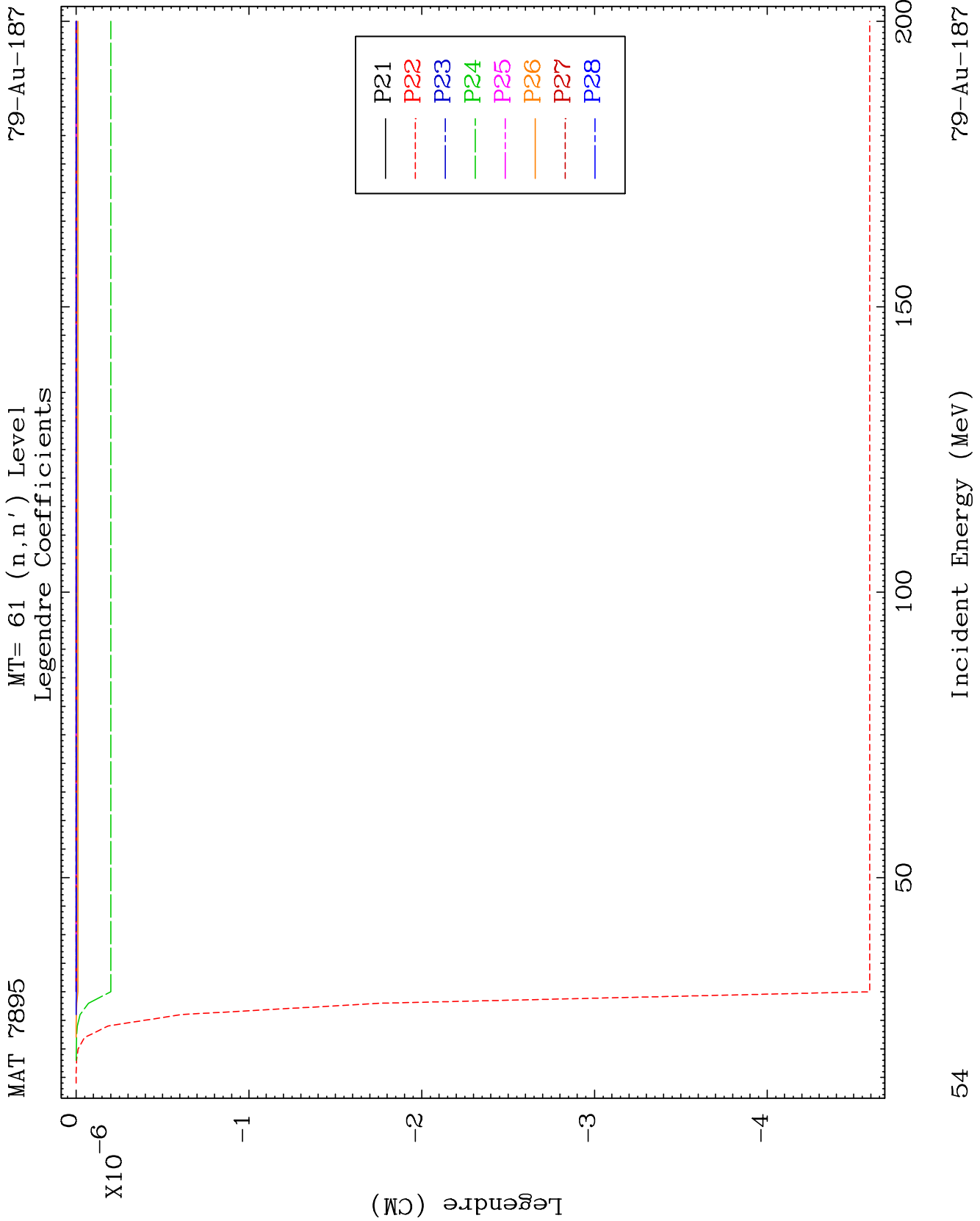
Incident Energy (MeV)

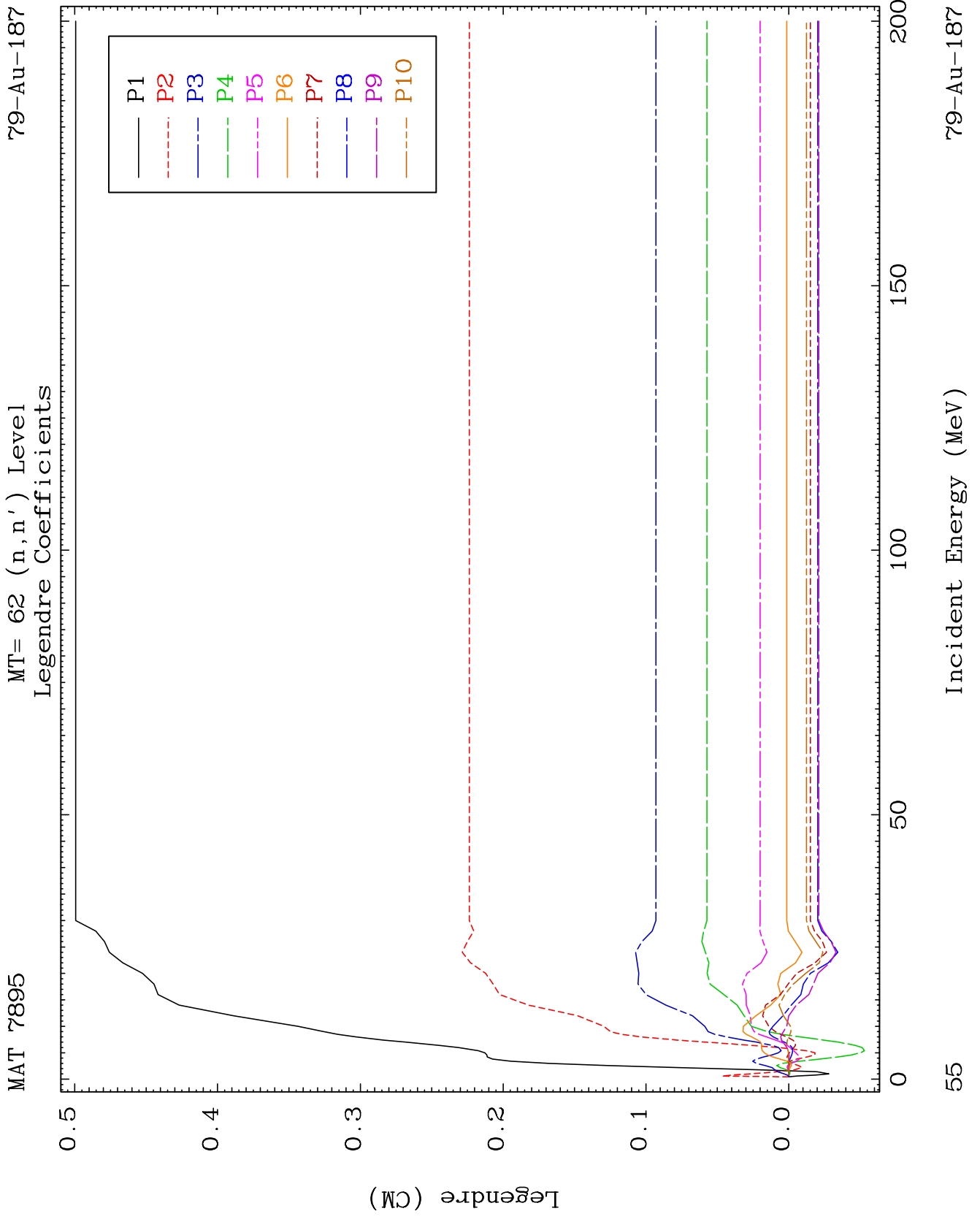
79-Au-187







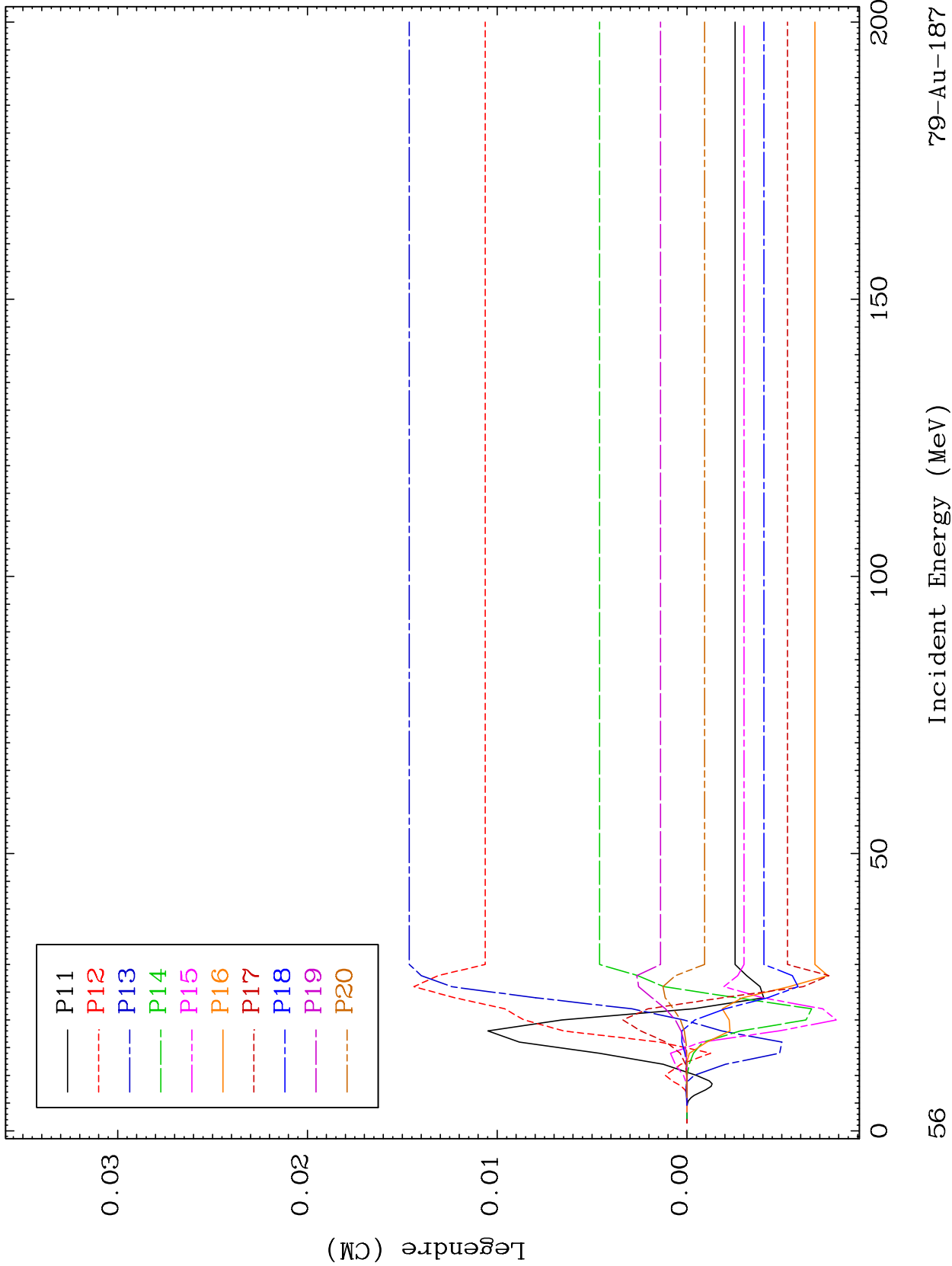


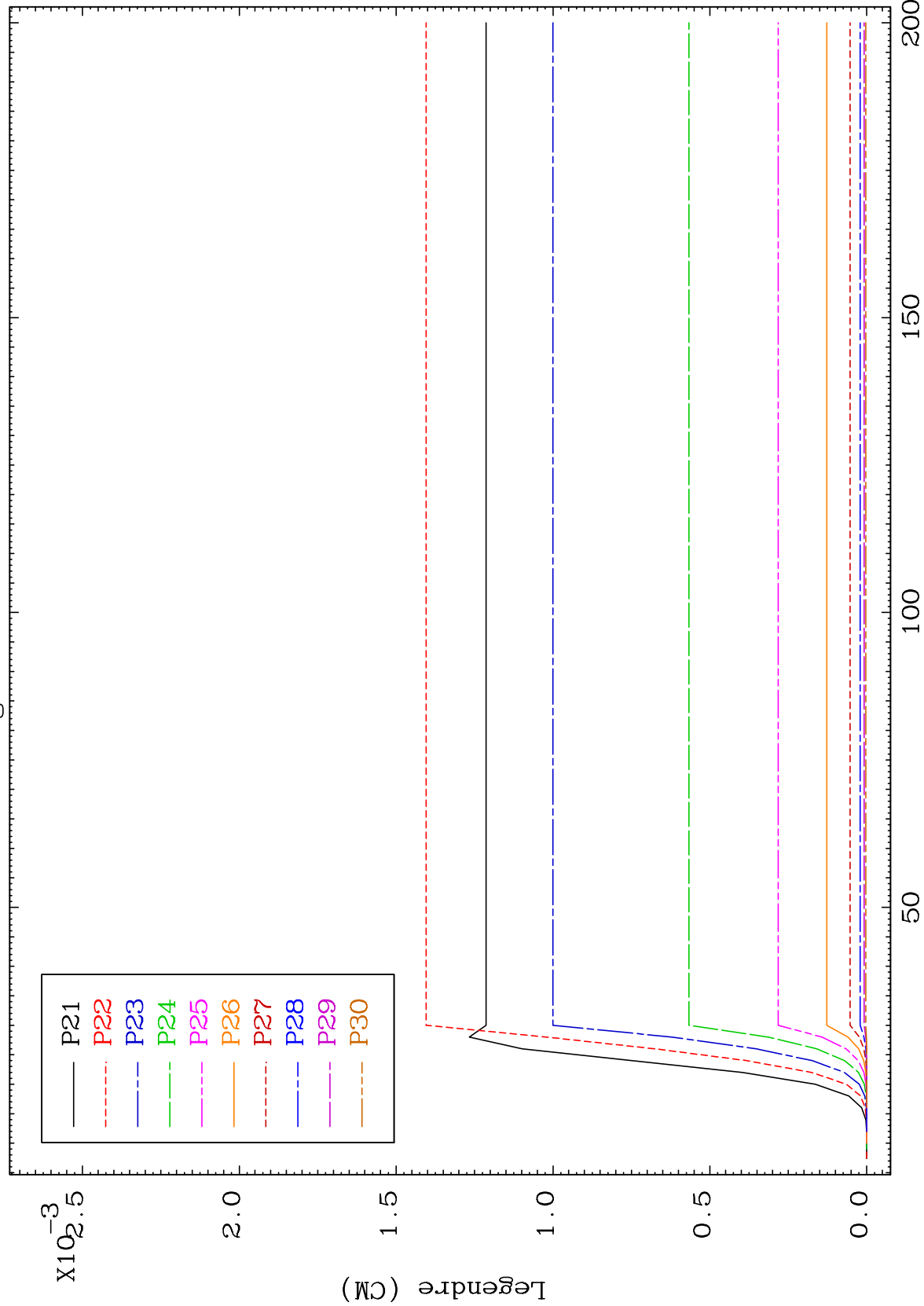


MAT 7895

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

79-Au-187

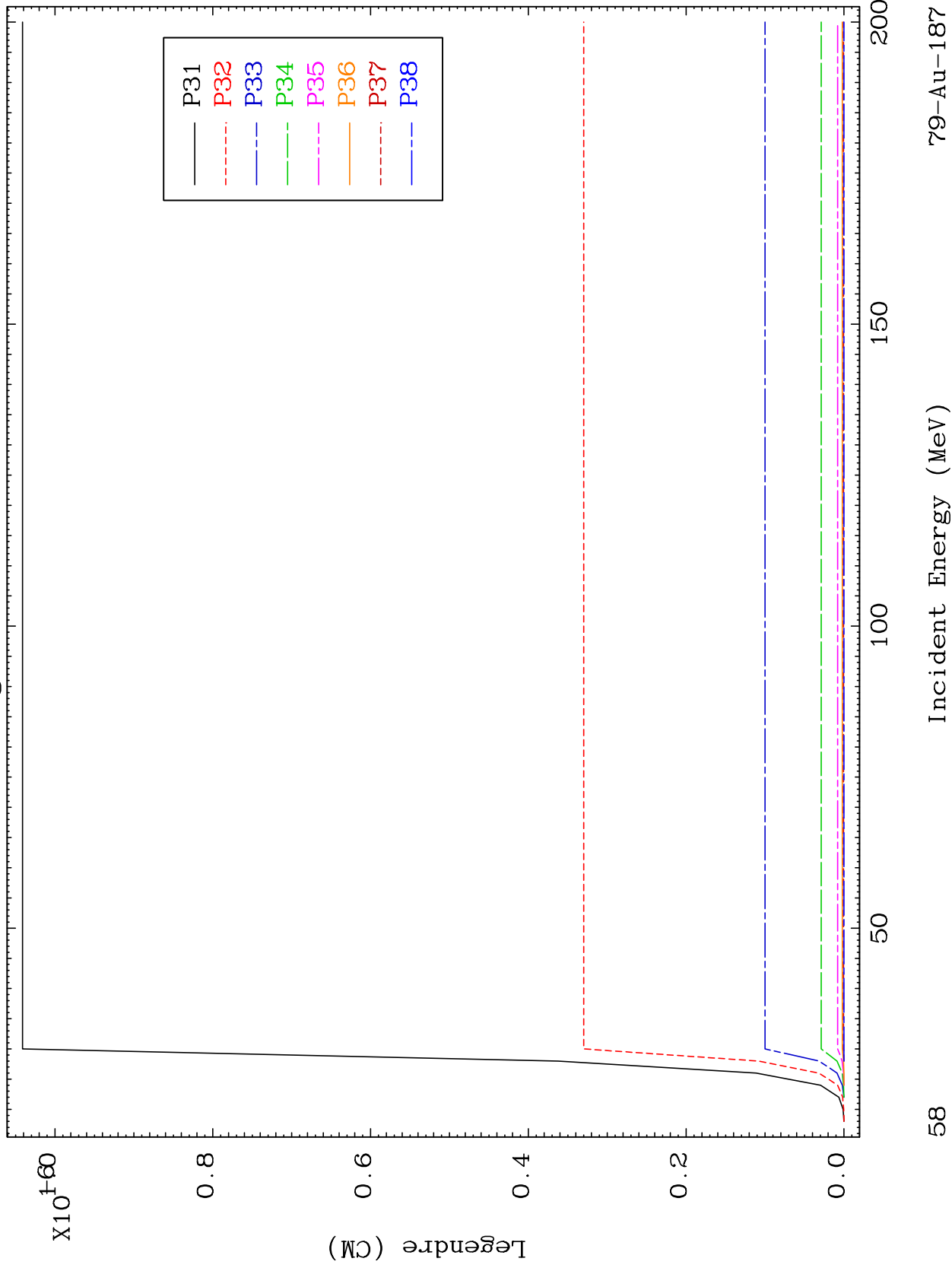




MAT 7895

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

79-Au-187



79-Au-187

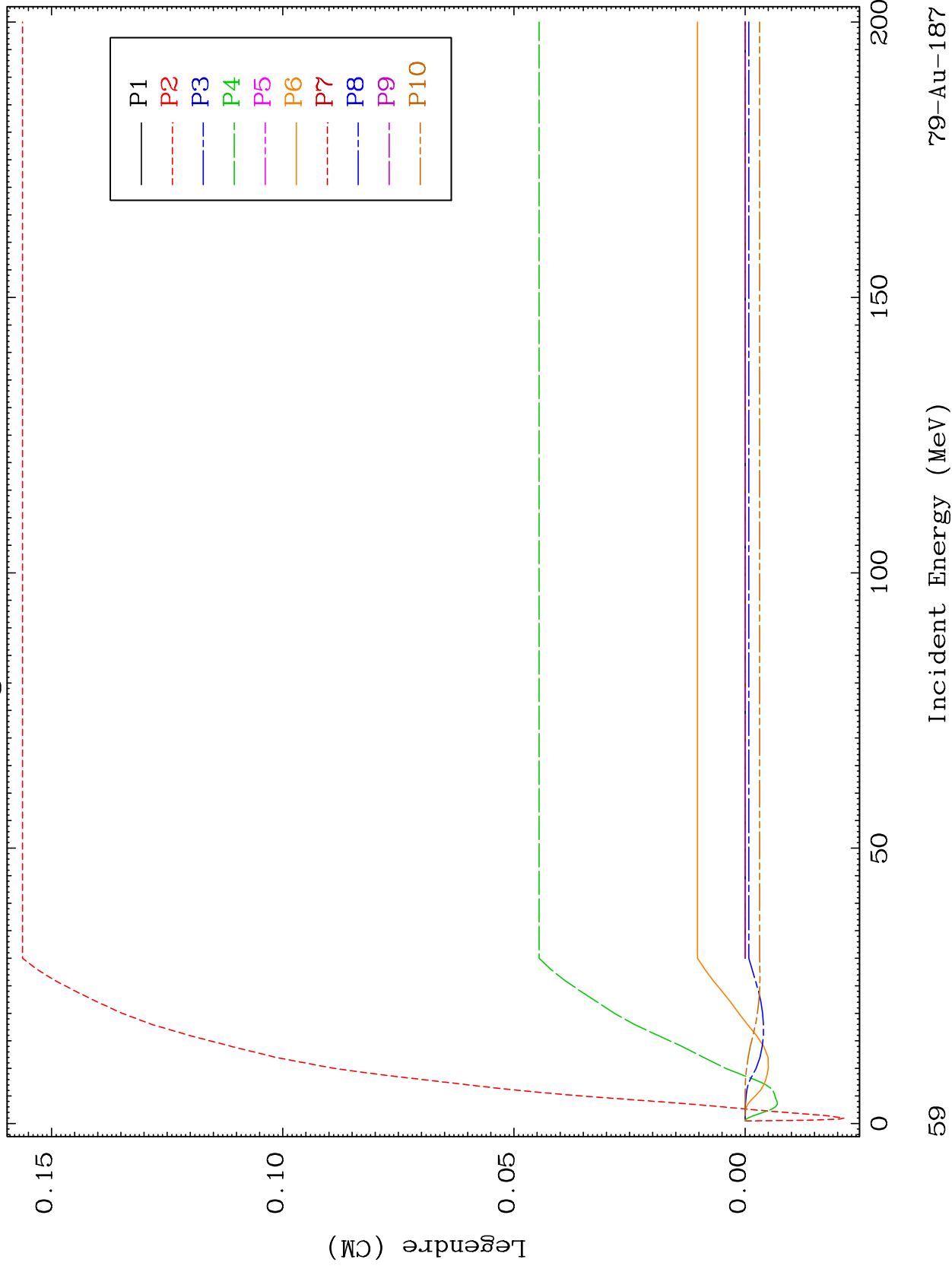
Incident Energy (MeV)

58

MAT 7895

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

79-Au-187



79-Au-187

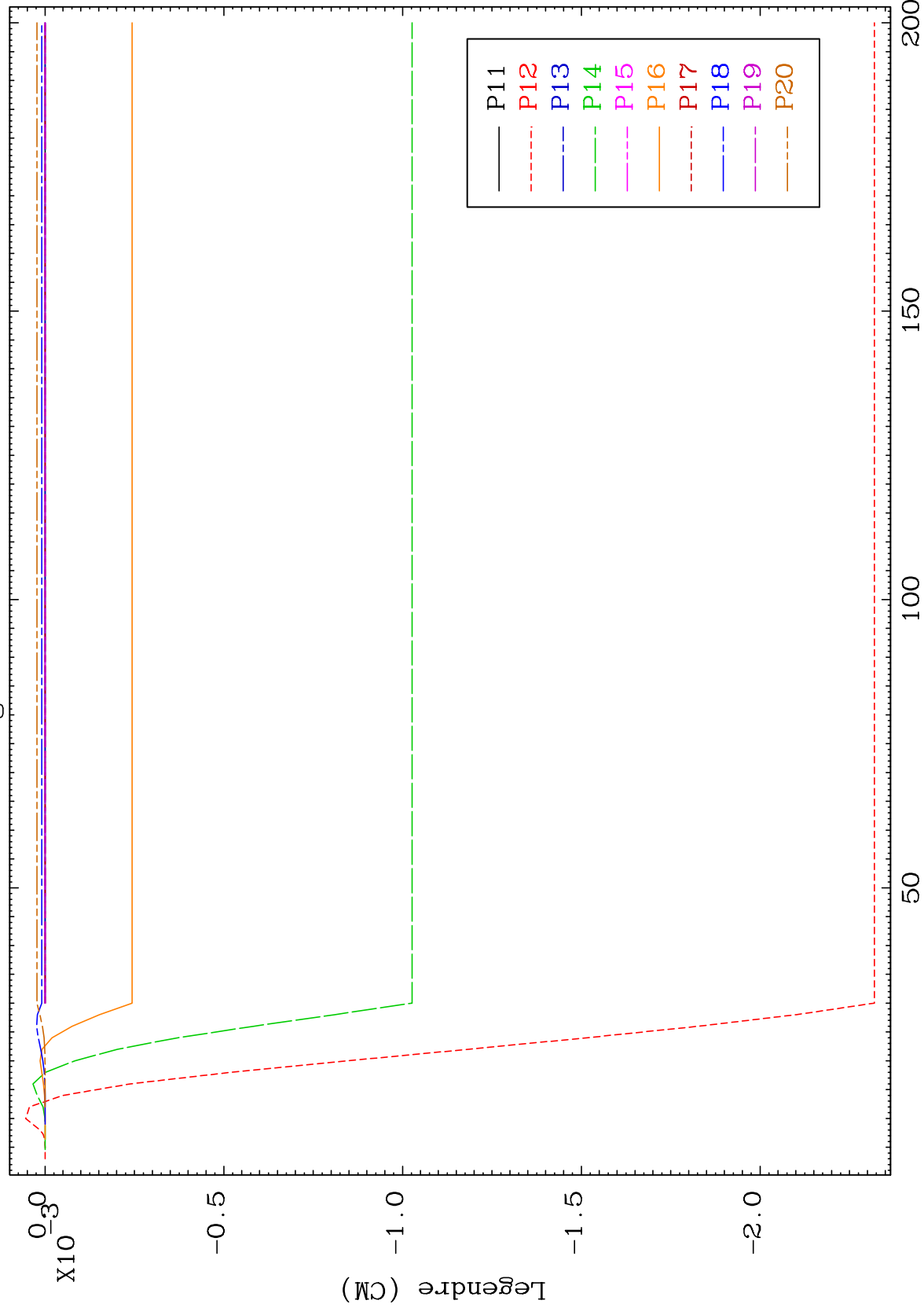
Incident Energy (MeV)

59

MAT 7895

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

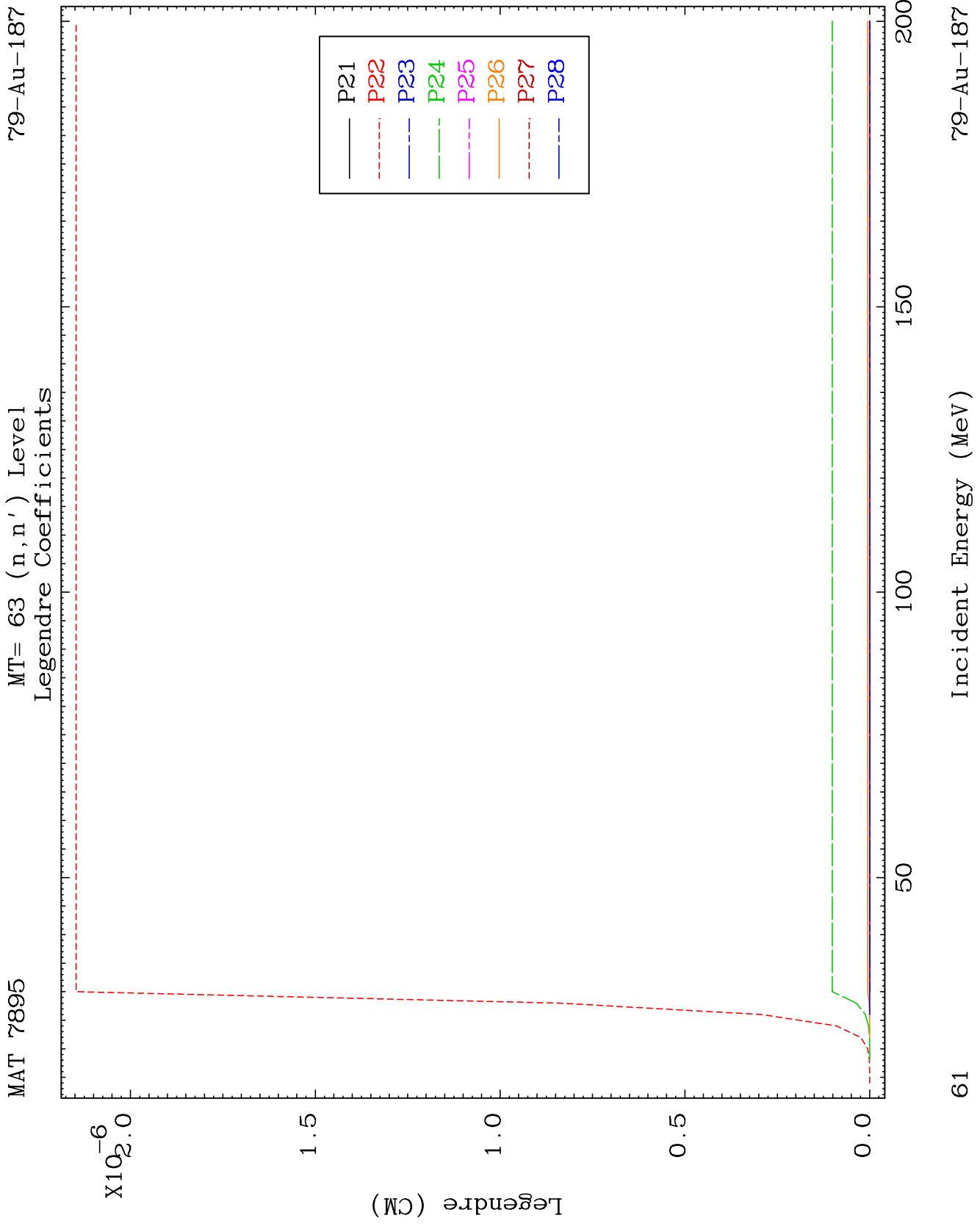
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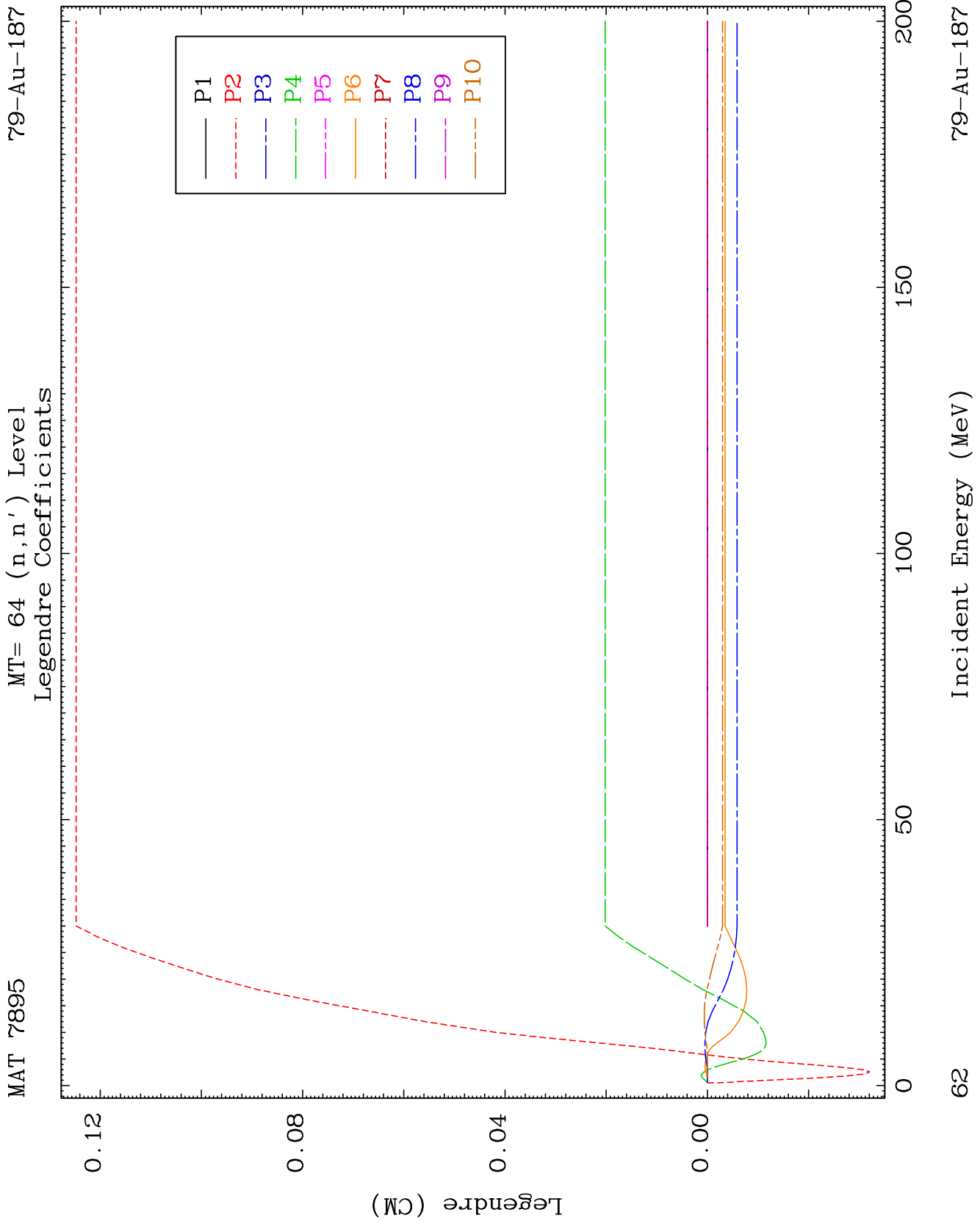


60

Incident Energy (MeV)

79-Au-187

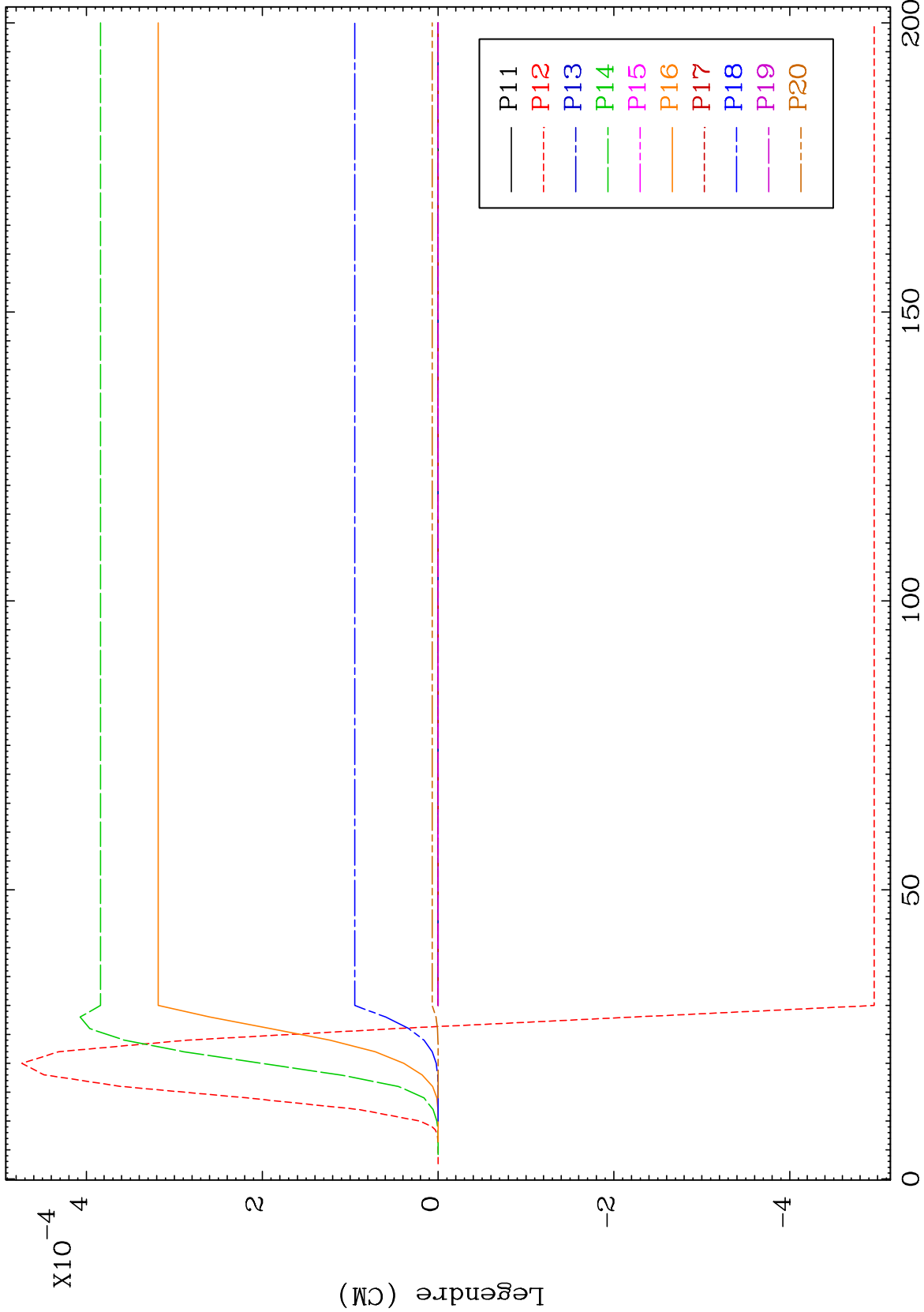




MAT 7895

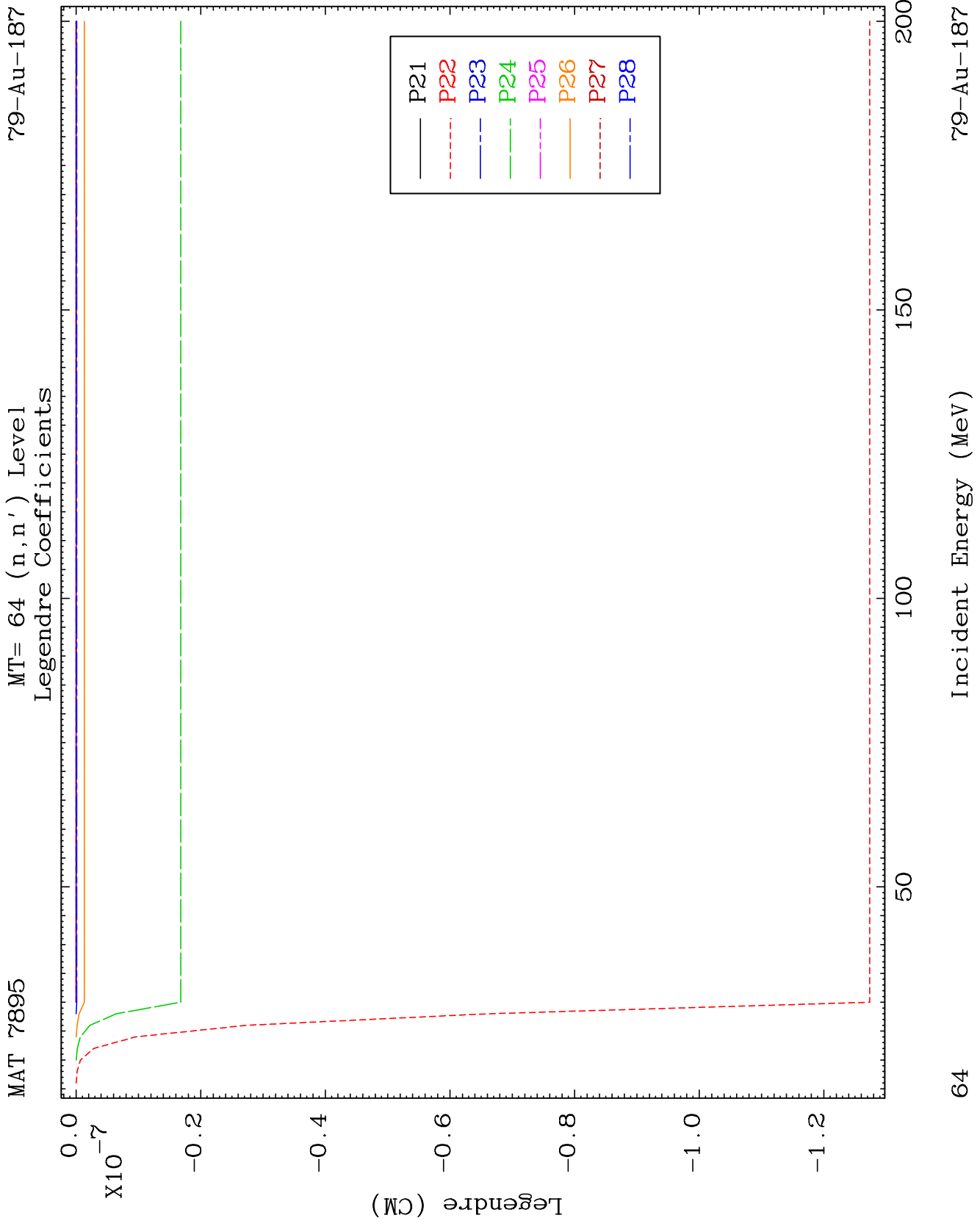
MT= 64 (n,n') Level
Legendre Coefficients

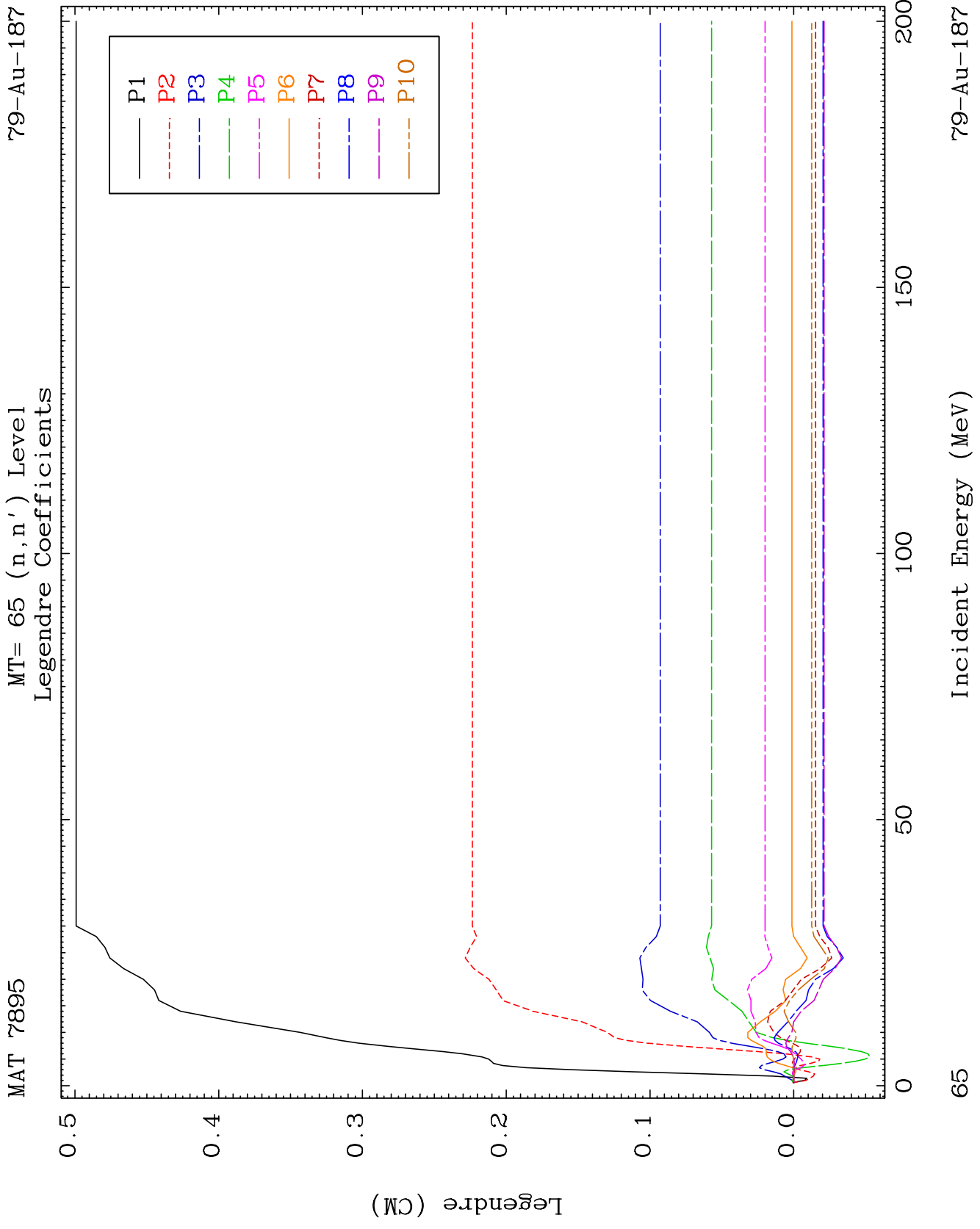
79-Au-187



63

79-Au-187

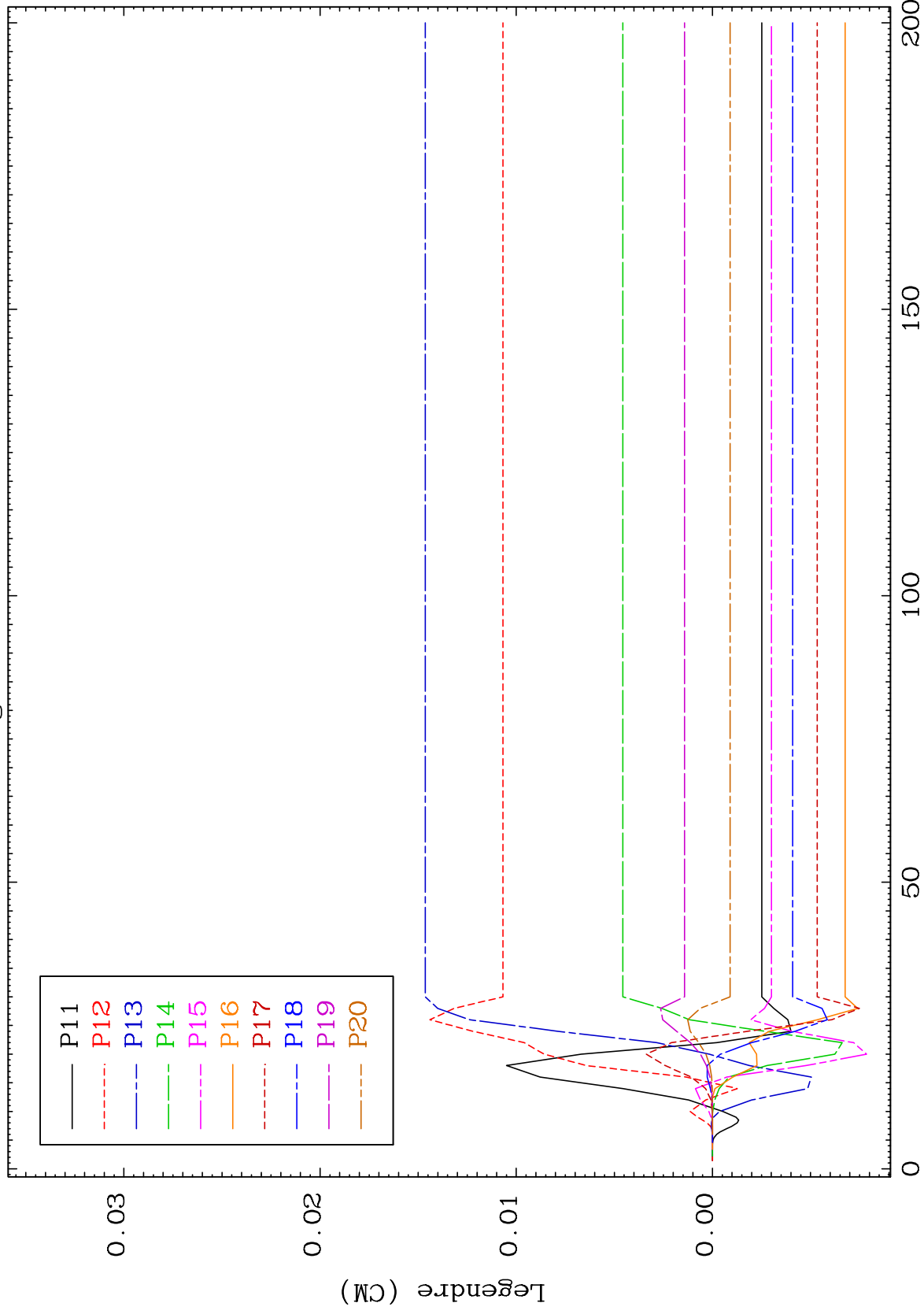




MAT 7895

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

79-Au-187



66

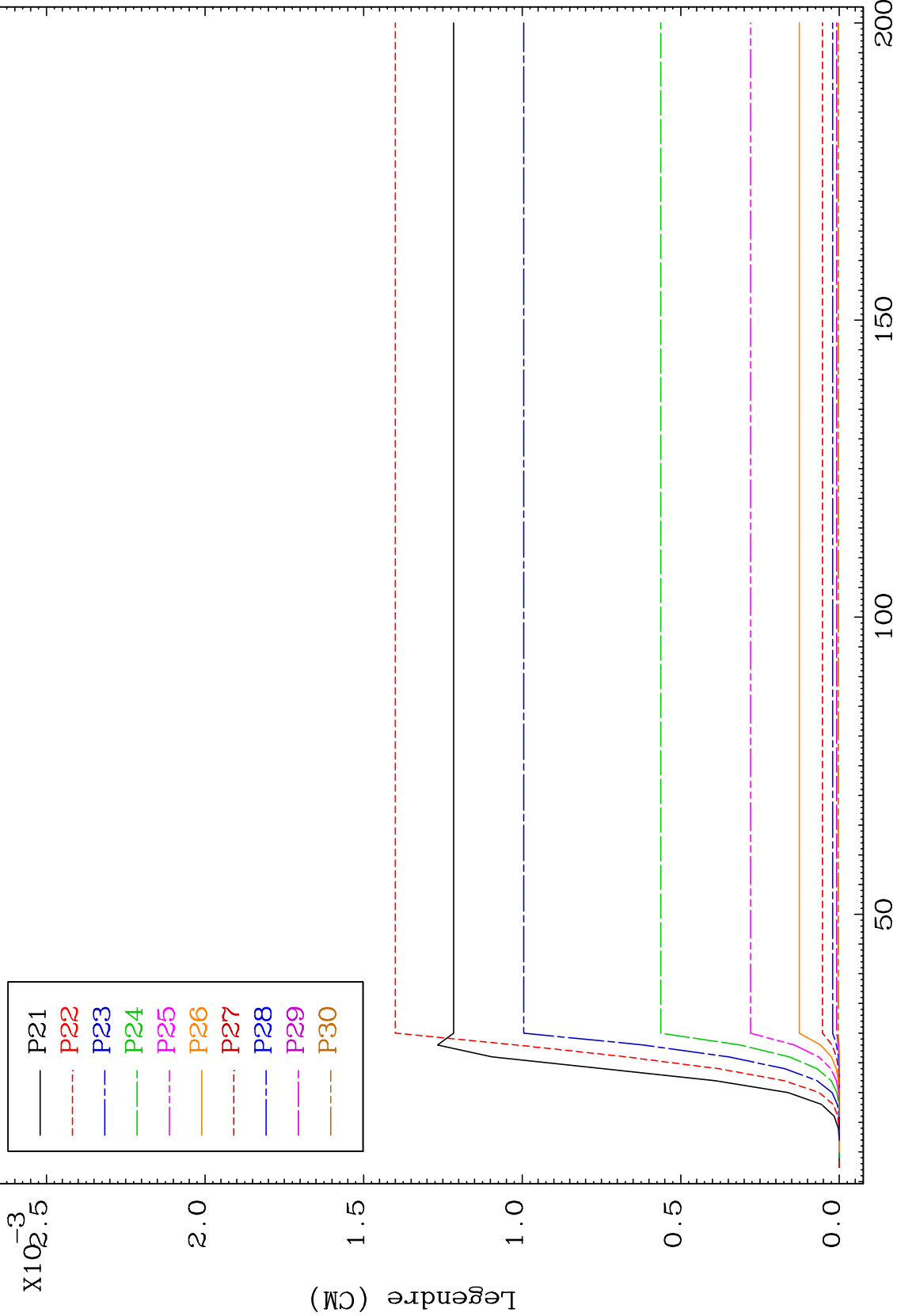
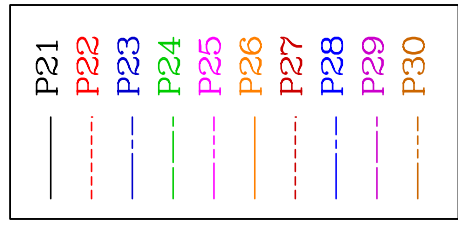
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187



67

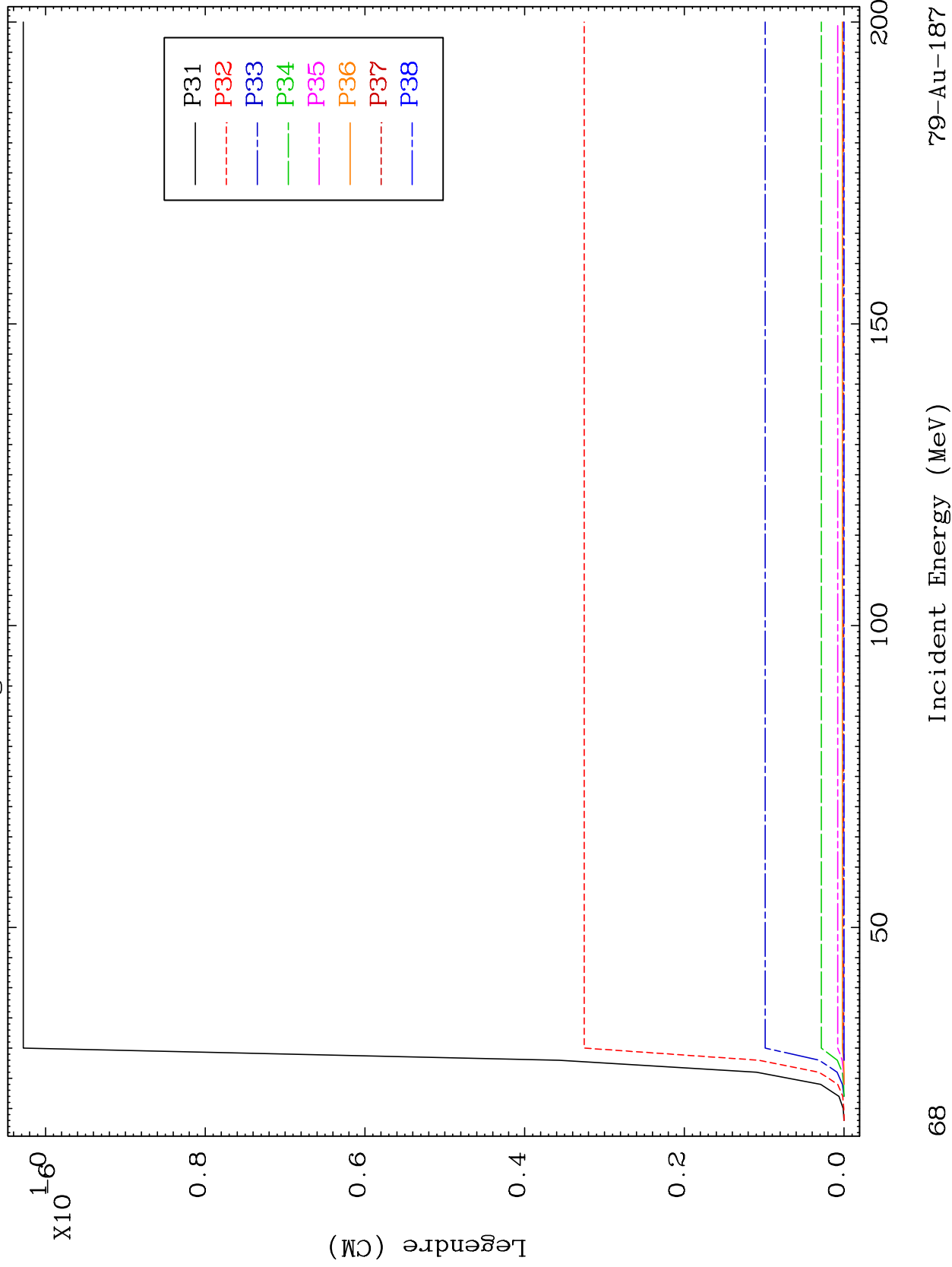
Incident Energy (MeV)

79-Au-187

MAT 7895

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

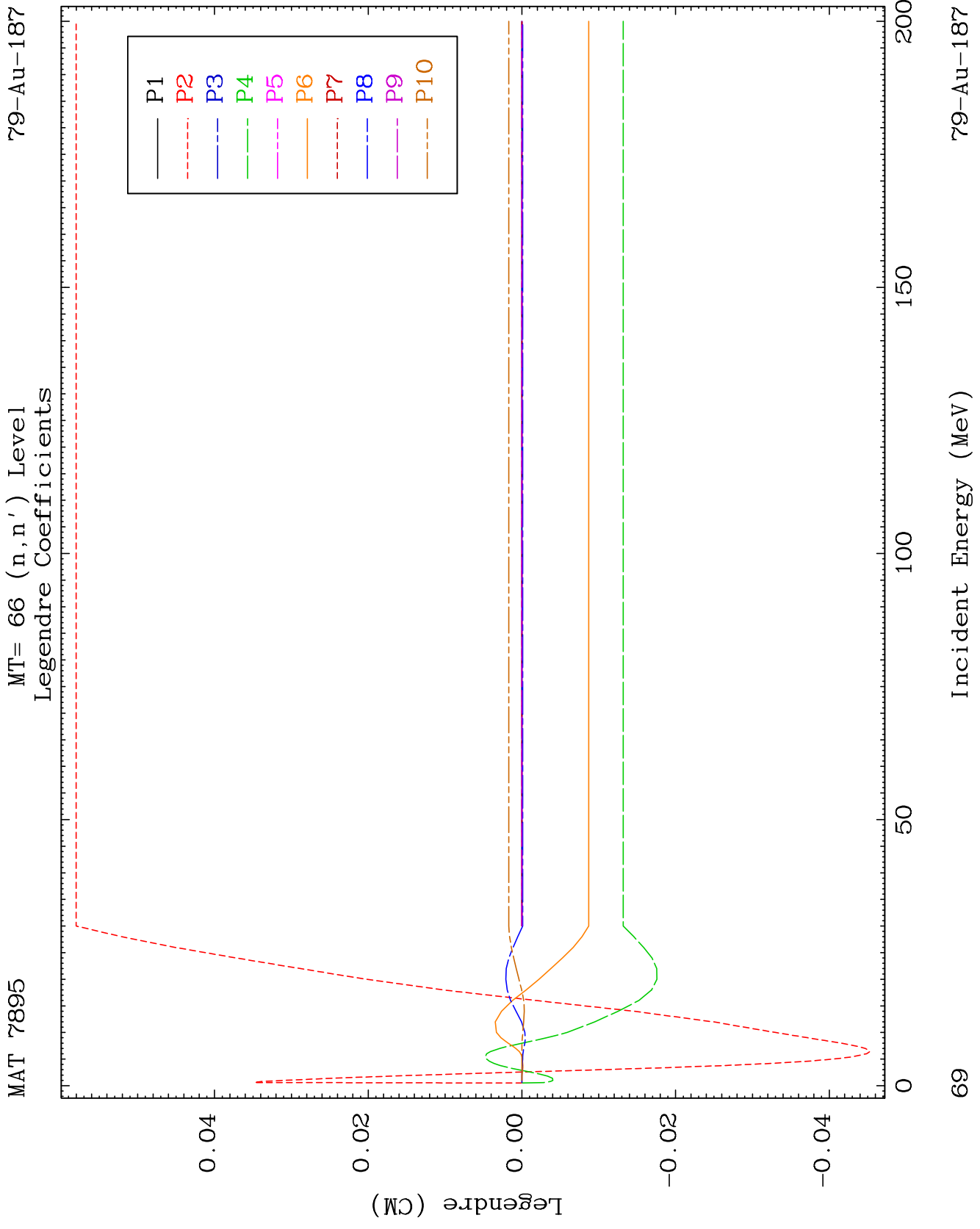
79-Au-187



68

Incident Energy (MeV)

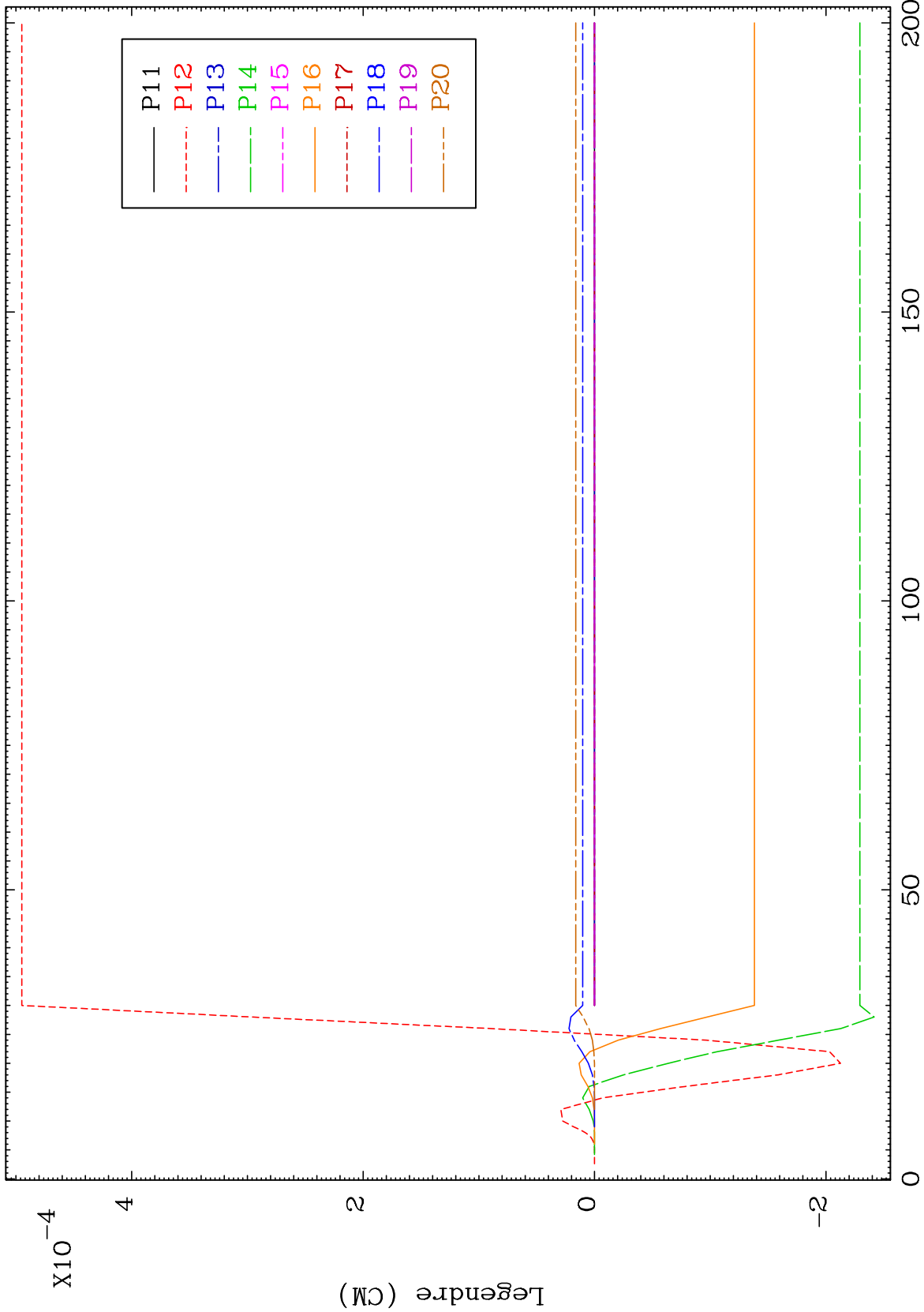
79-Au-187



MAT 7895

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

79-Au-187



70

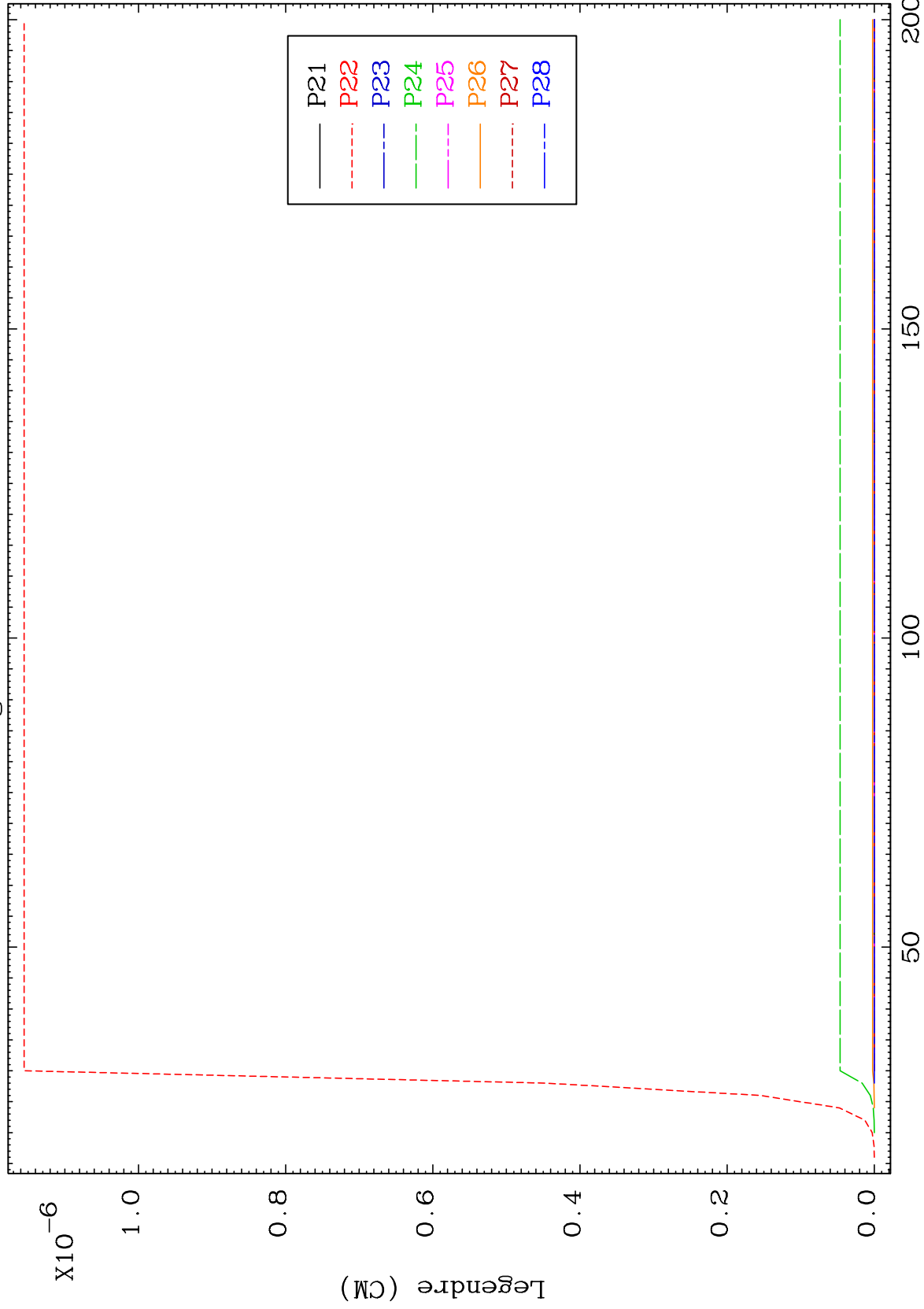
Incident Energy (MeV)

79-Au-187

MAT 7895

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

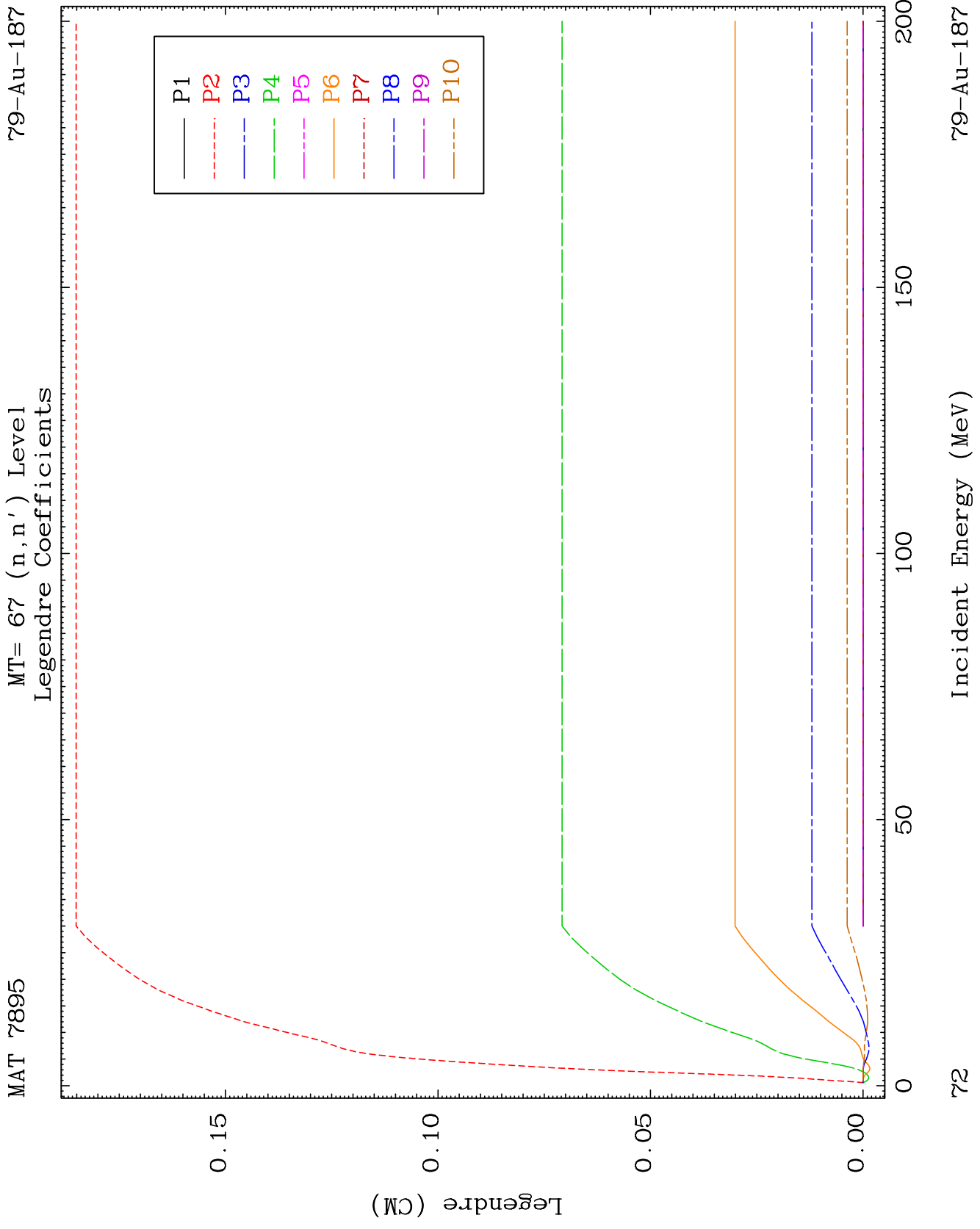
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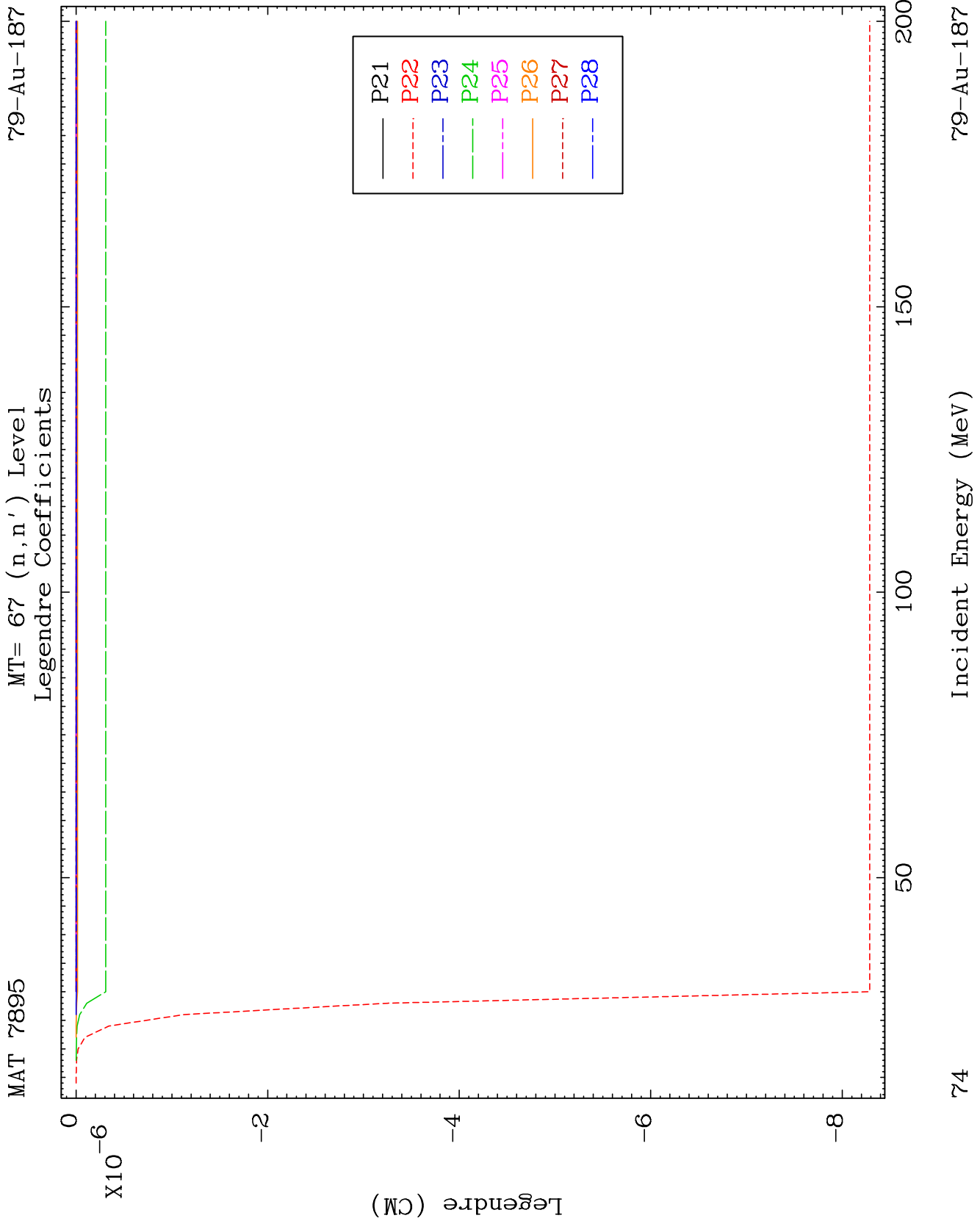


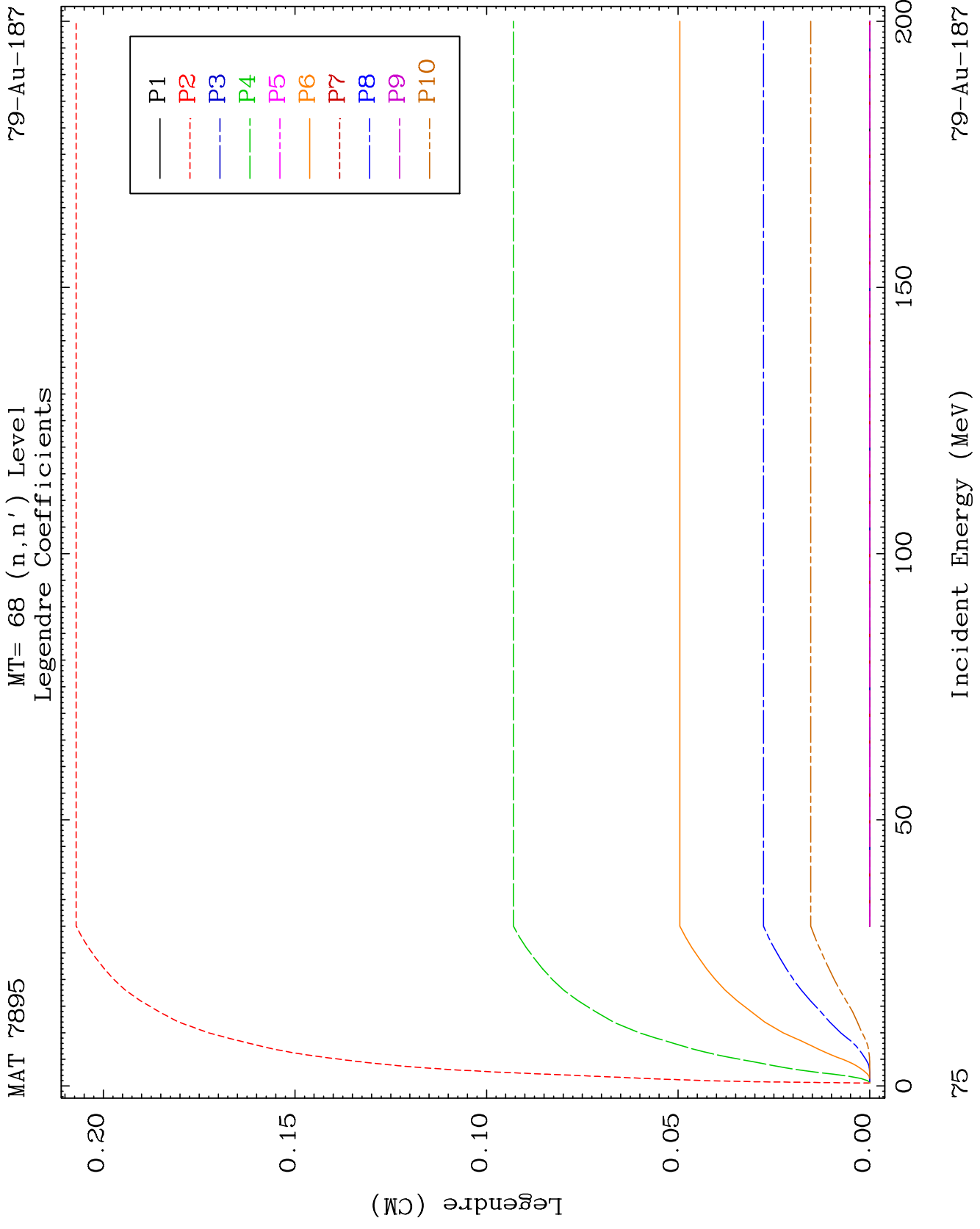
71

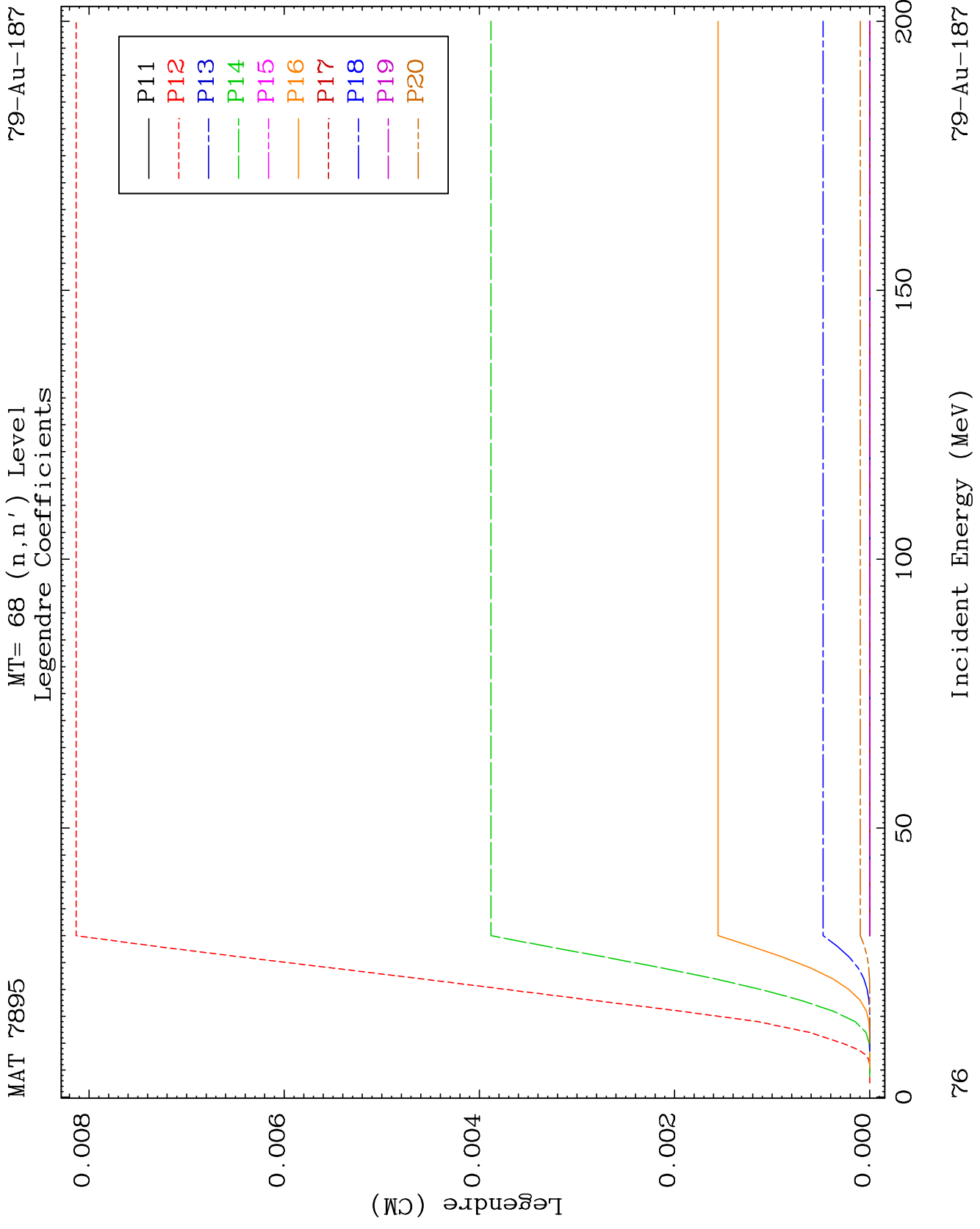
Incident Energy (MeV)

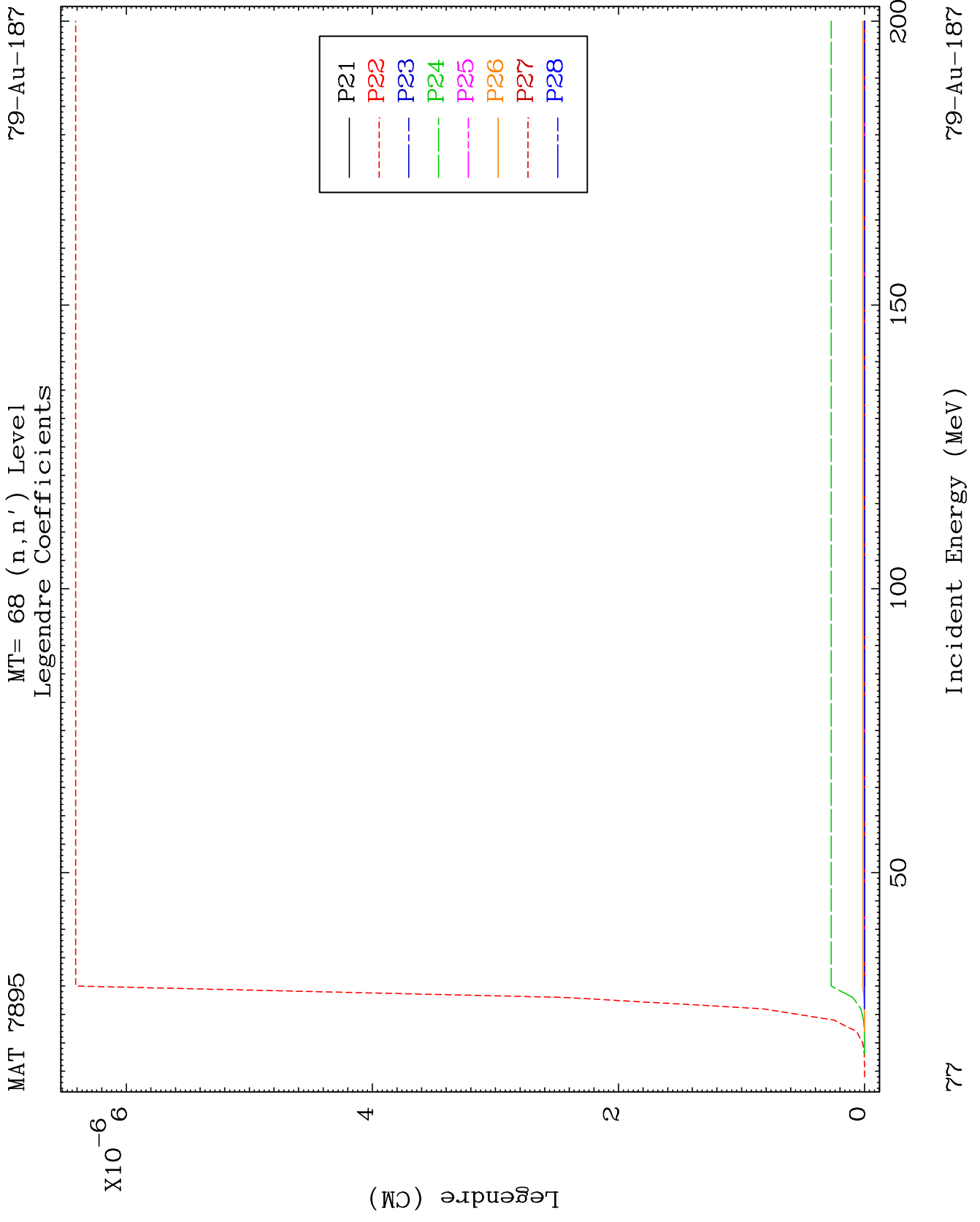
79-Au-187

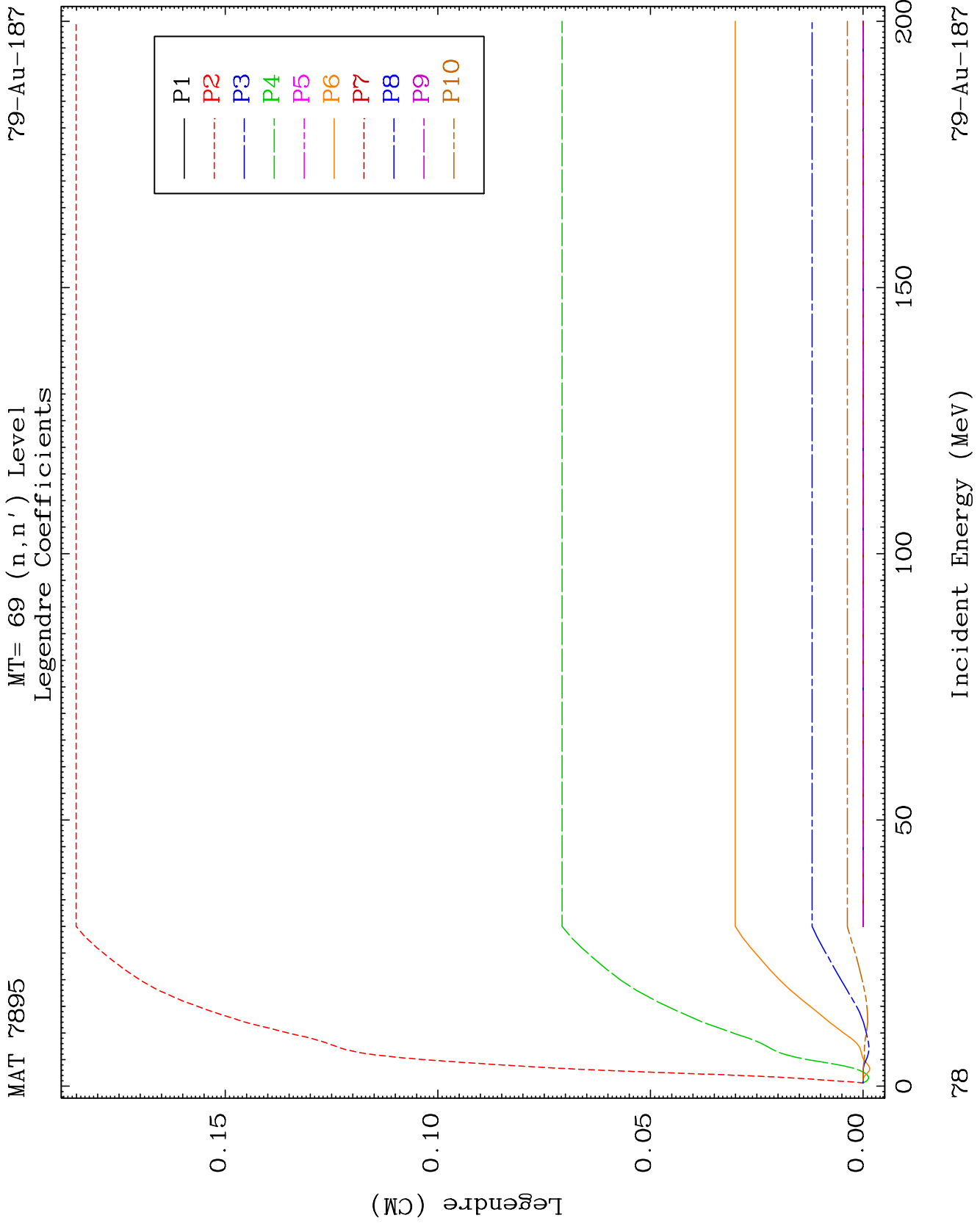








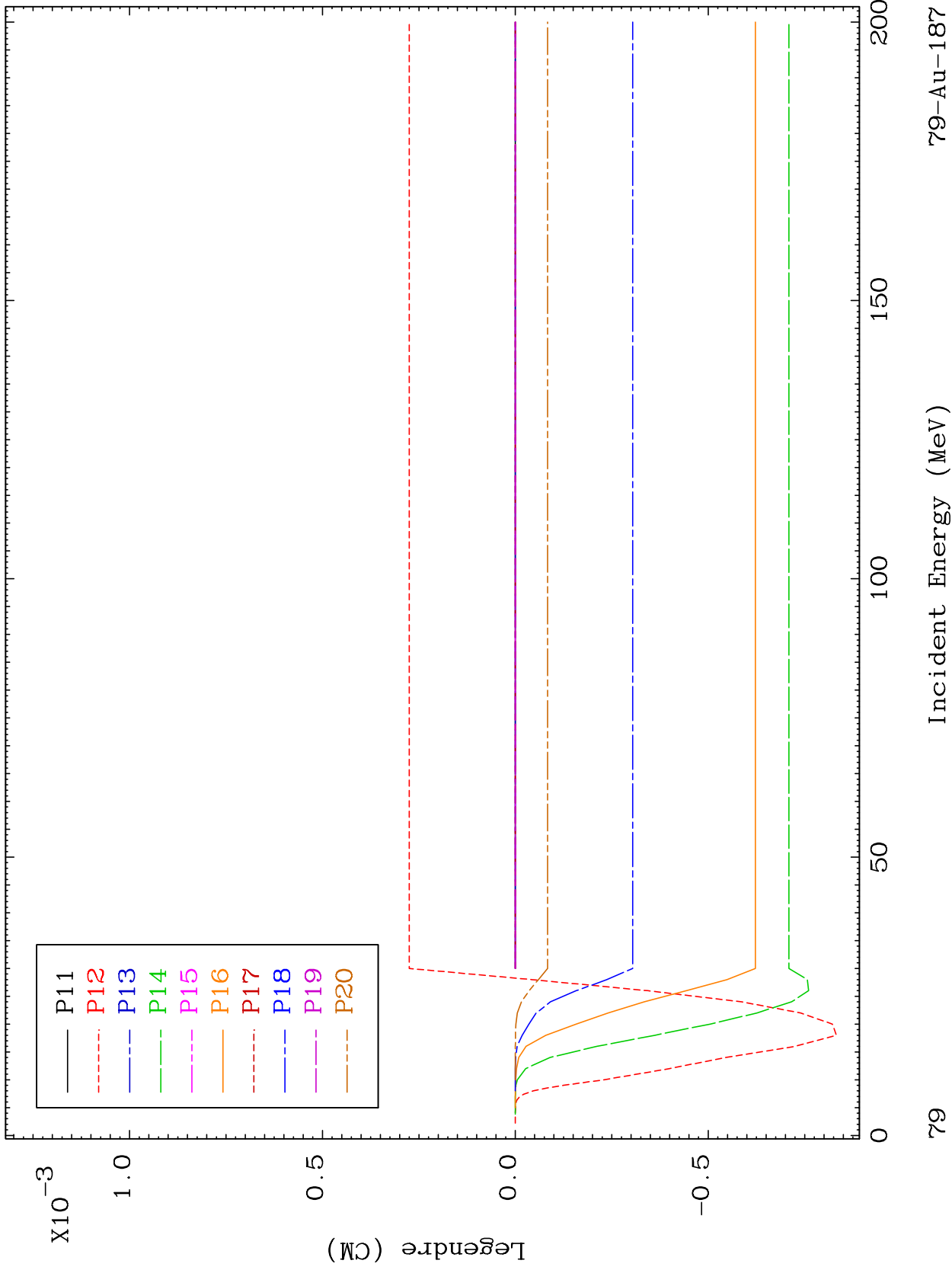


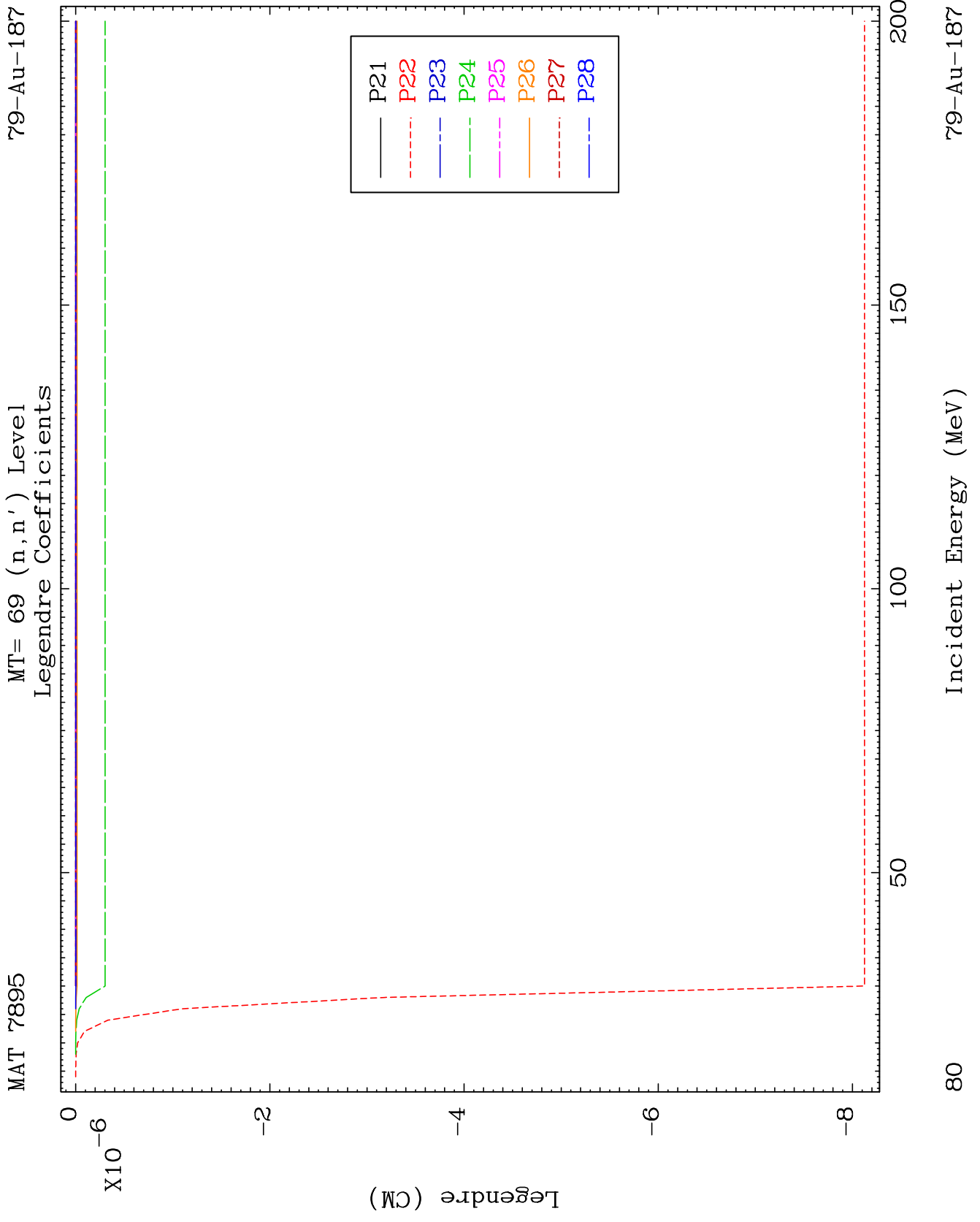


MAT 7895

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

79-Au-187

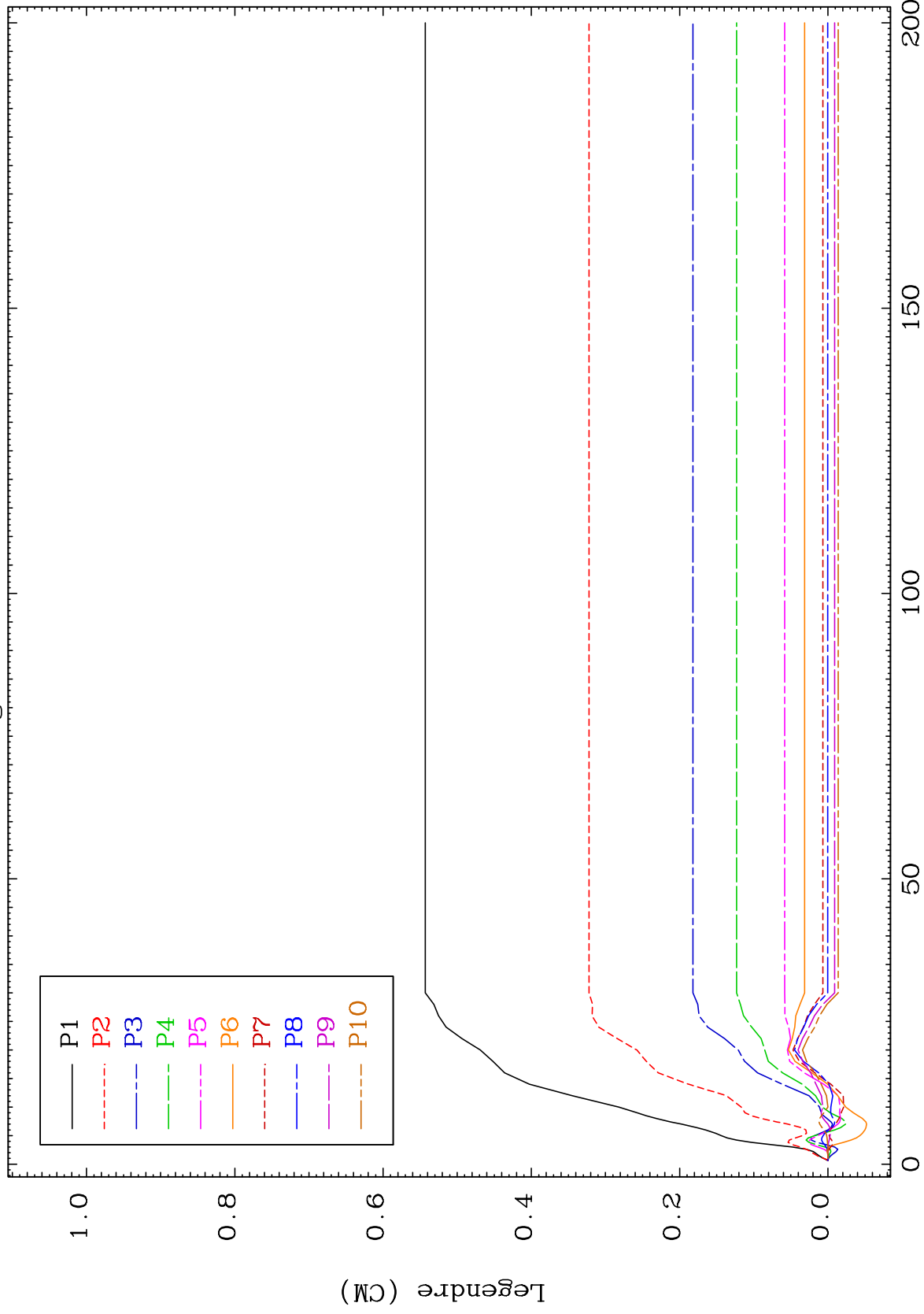




MAT 7895

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

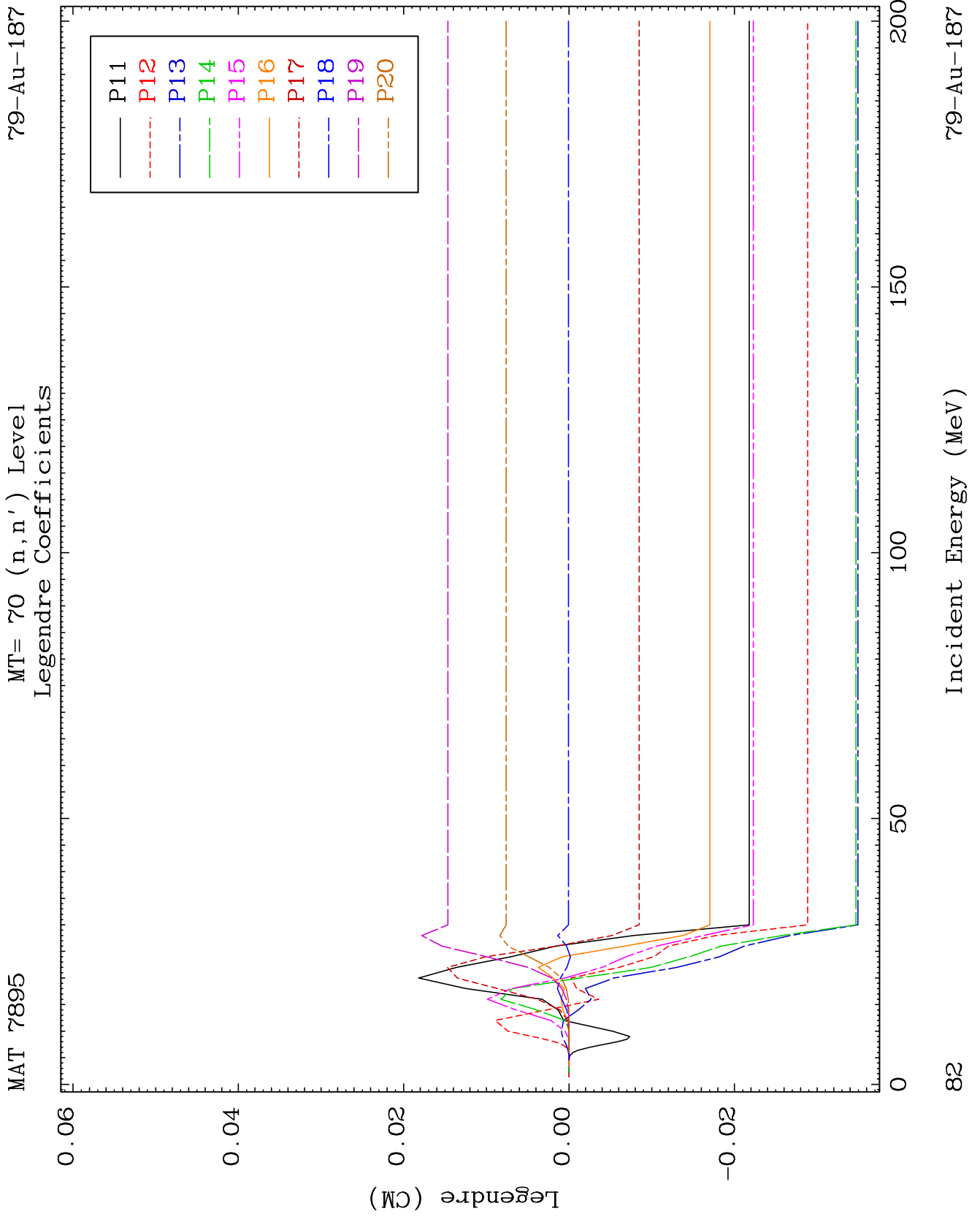
79-Au-187



81

Incident Energy (MeV)

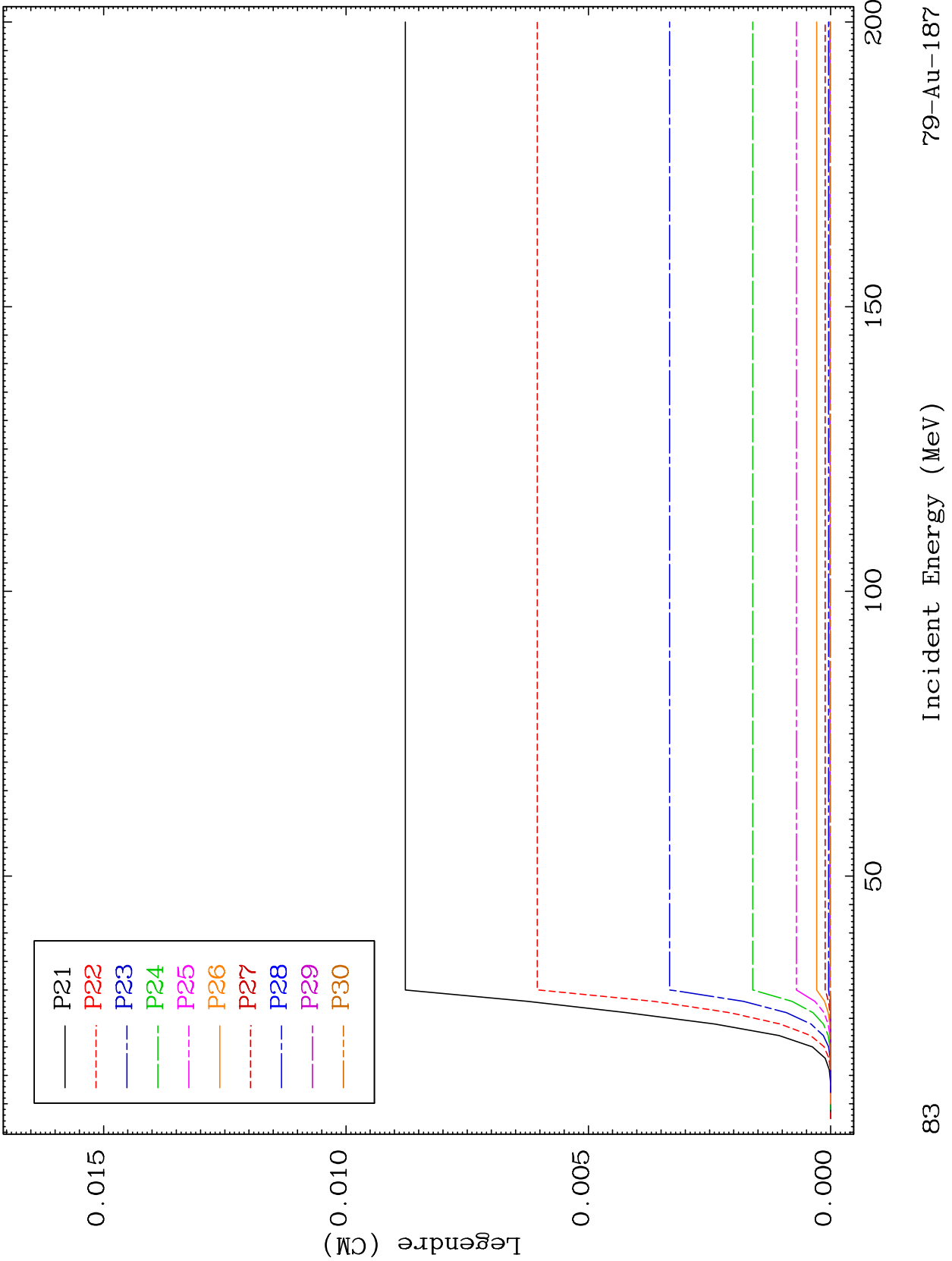
79-Au-187



MAT 7895

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

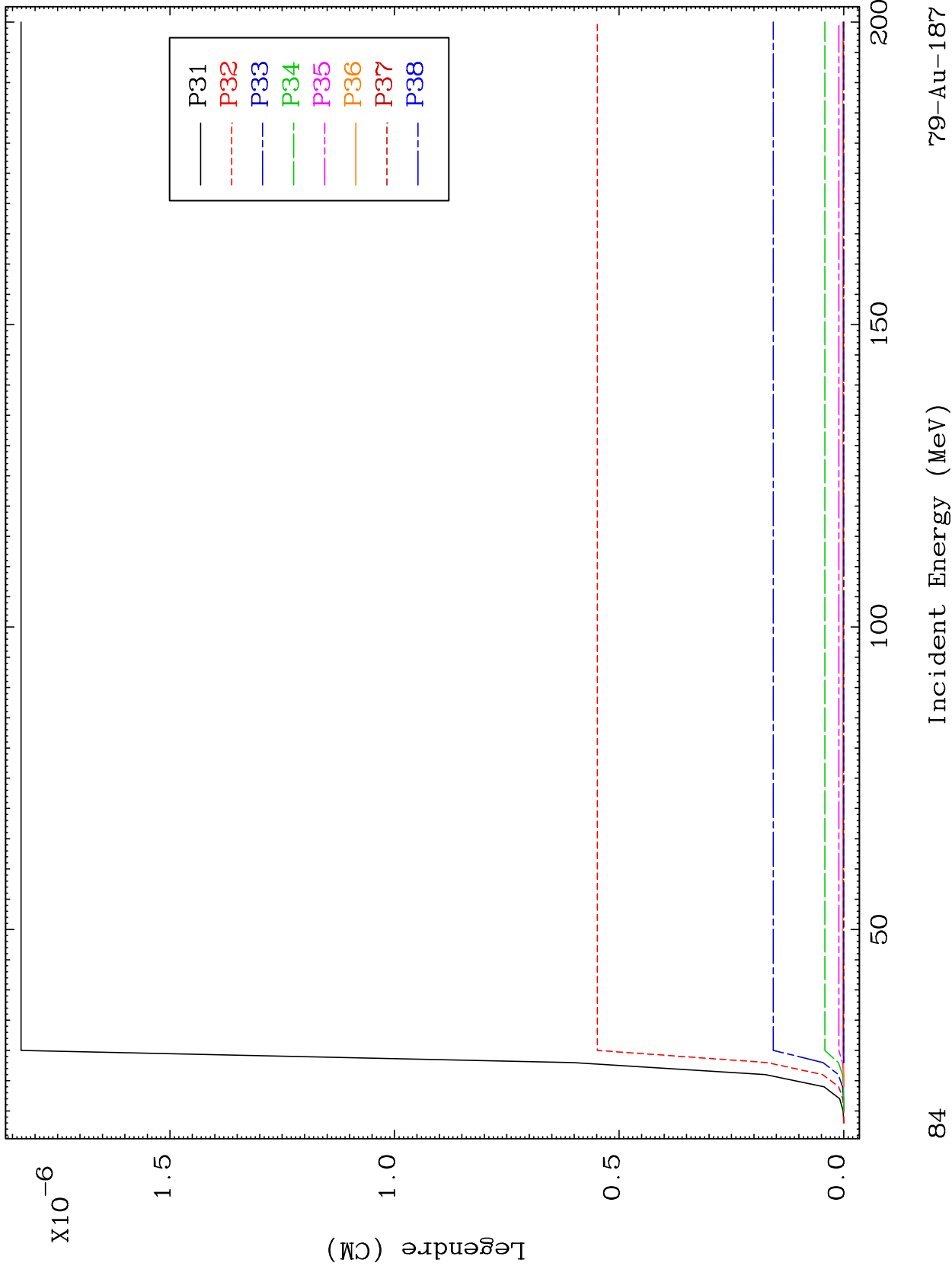
79-Au-187



MAT 7895

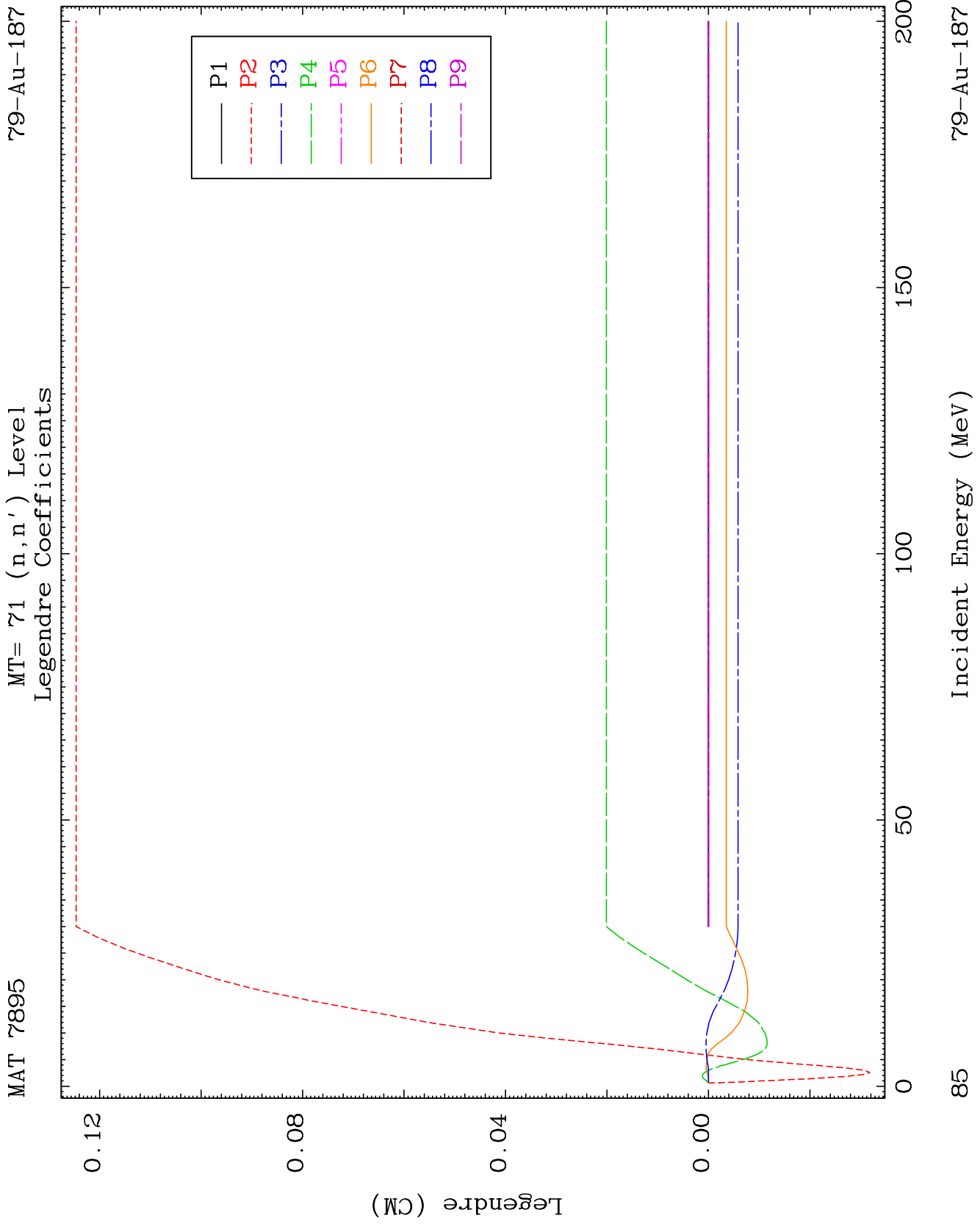
MT= 70 (n,n') Level
Legendre Coefficients

79-Au-187



84

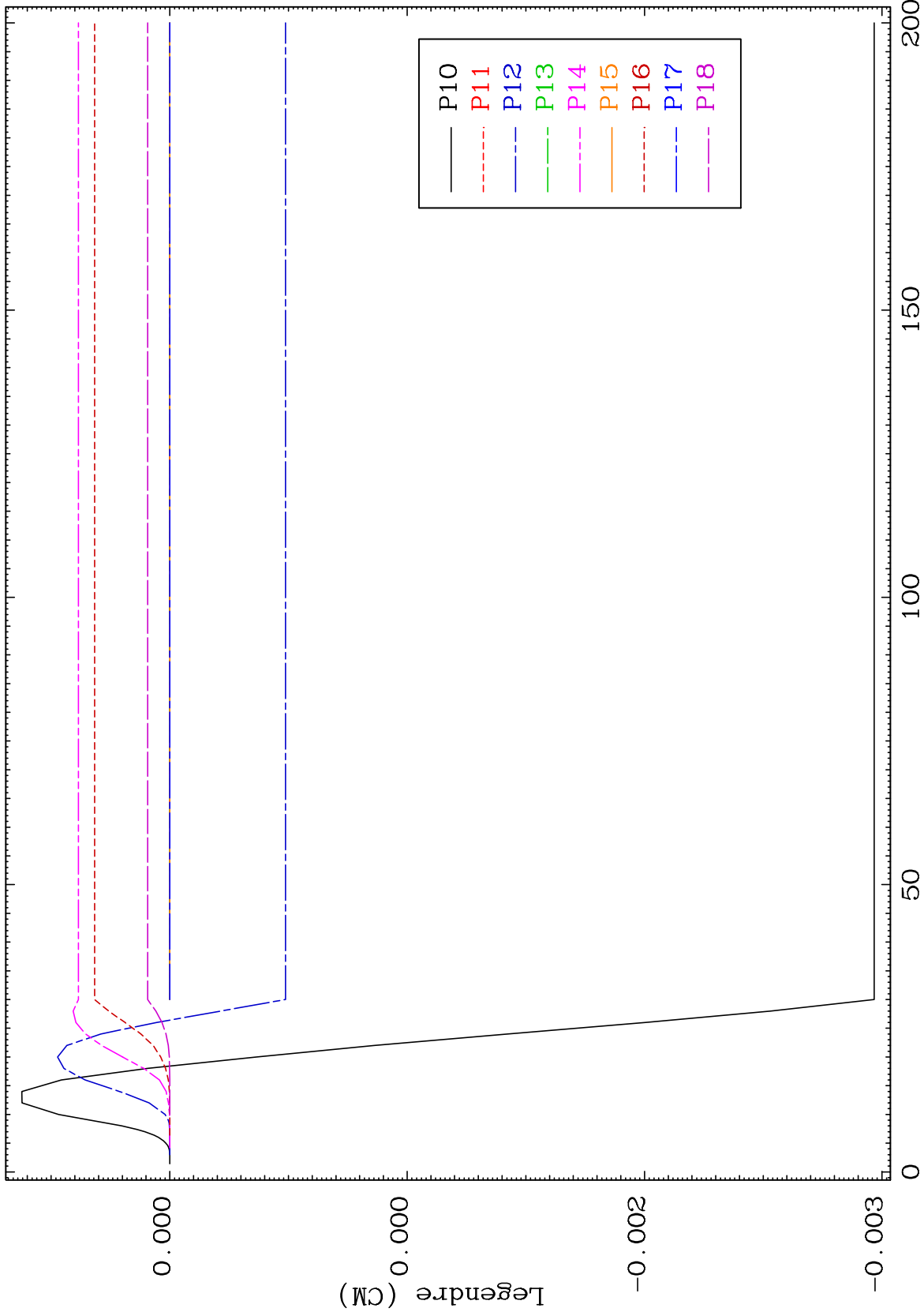
79-Au-187



MAT 7895

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

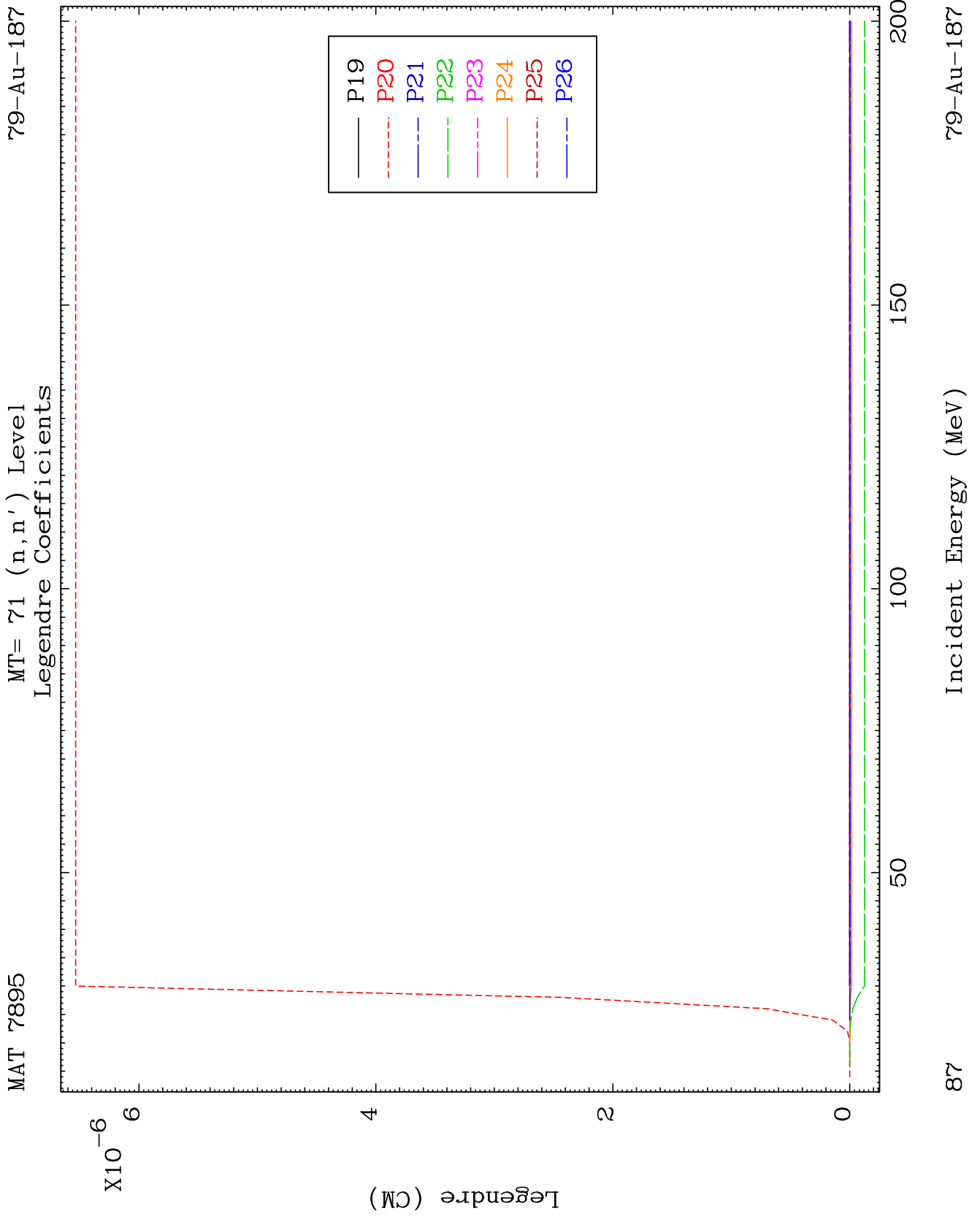
79-Au-187



86

Incident Energy (MeV)

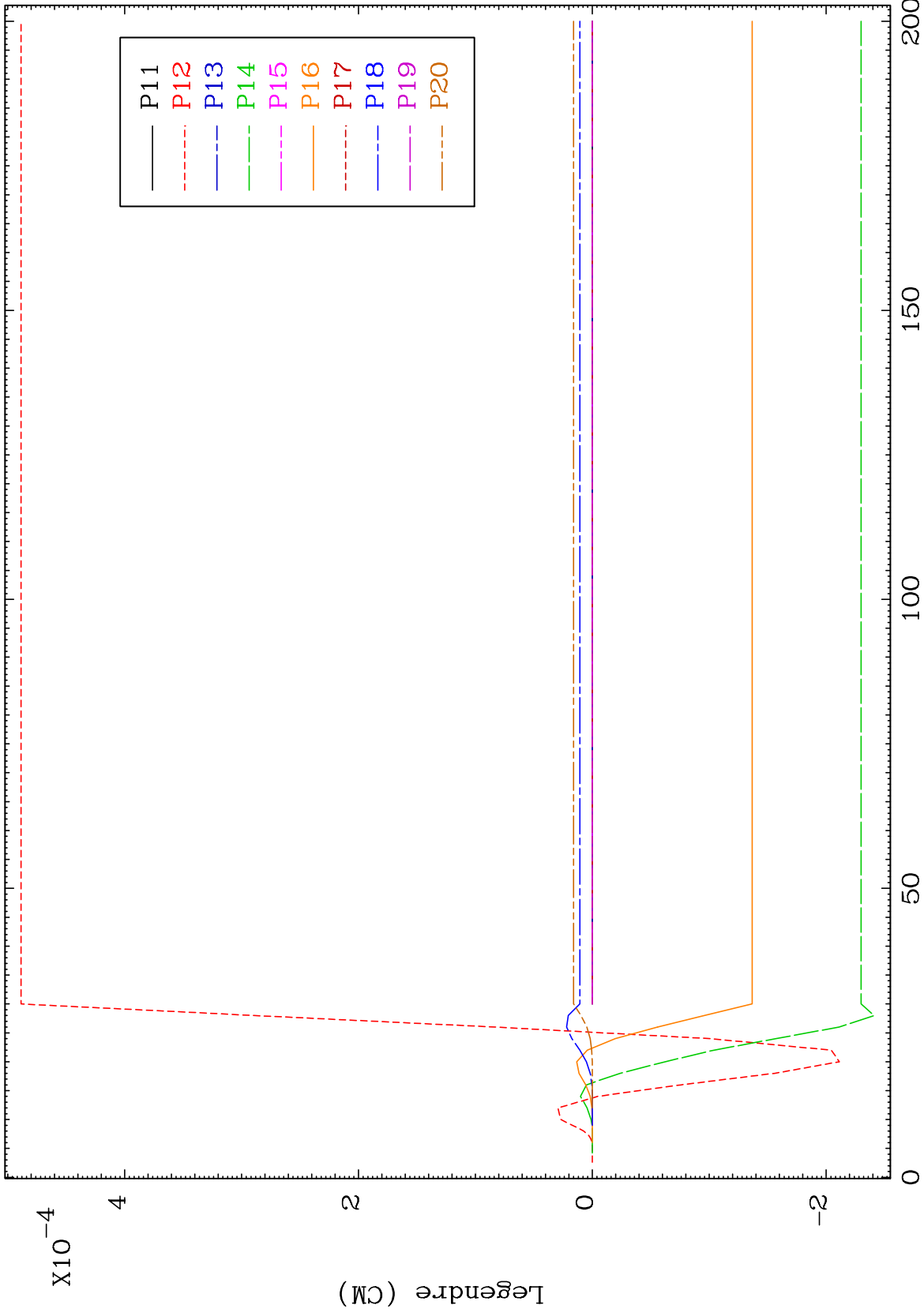
79-Au-187



MAT 7895

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

79-Au-187



89

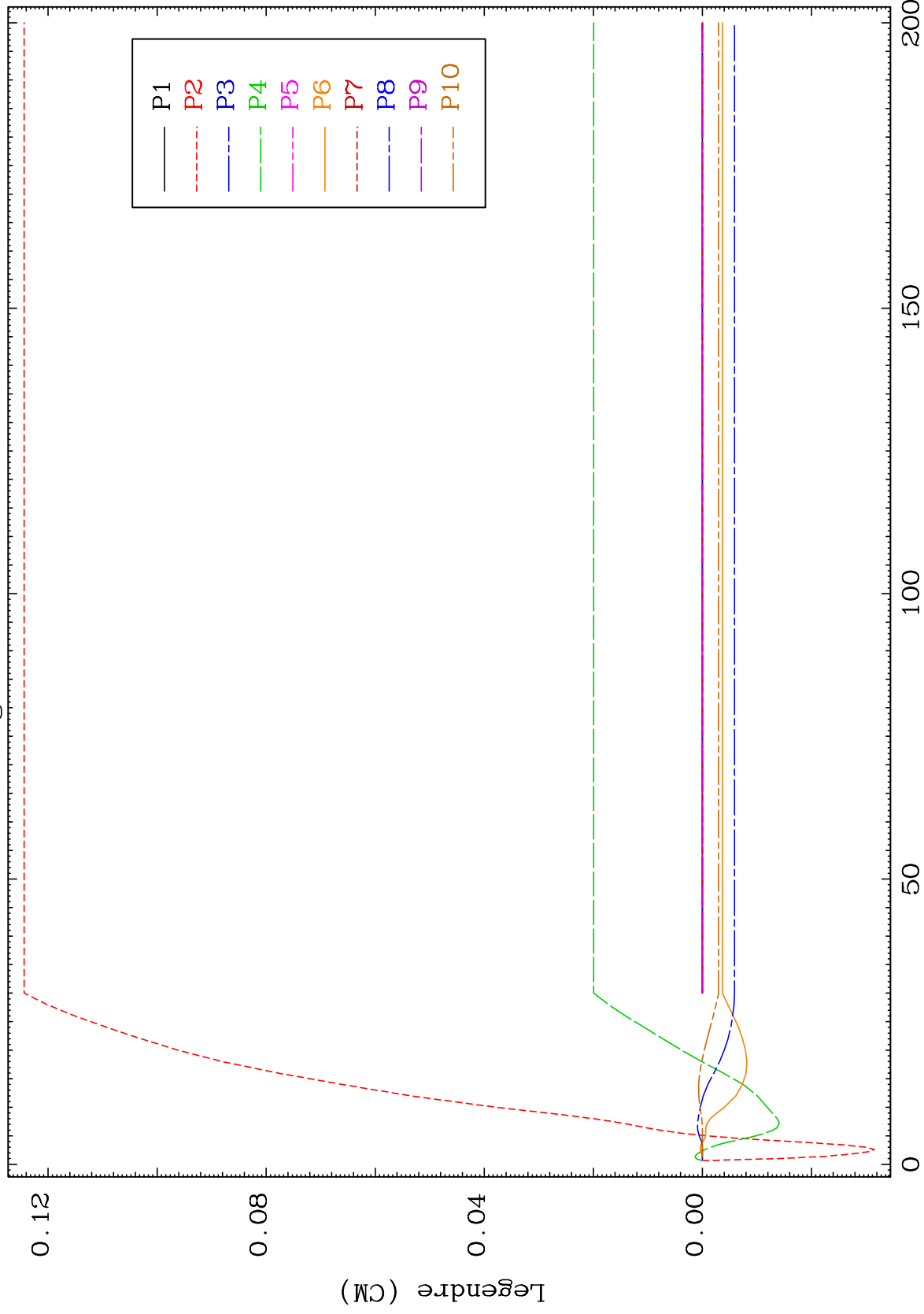
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187



91

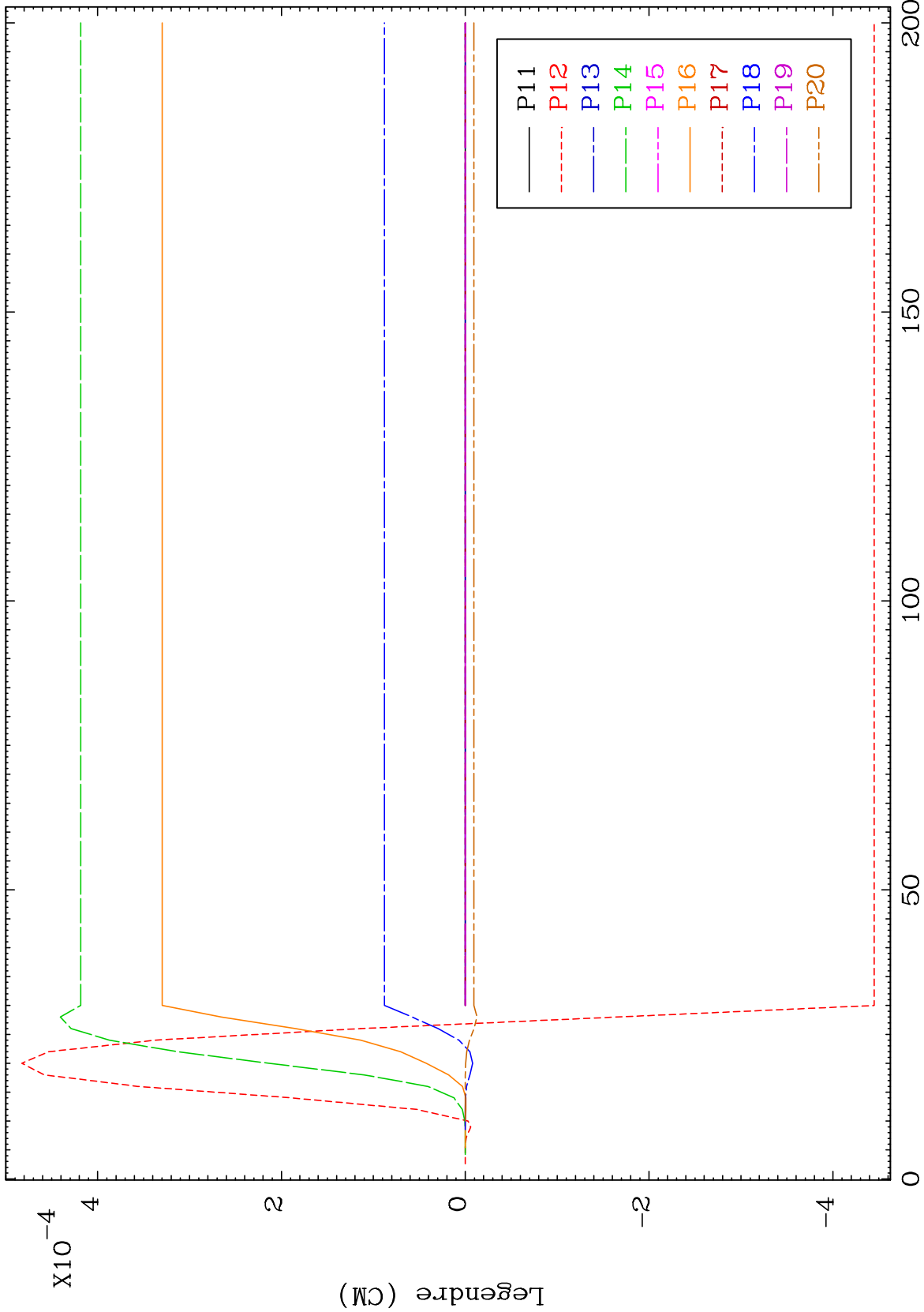
79-Au-187

MAT 7895

MT= 73 (n,n') Level

79-Au-187

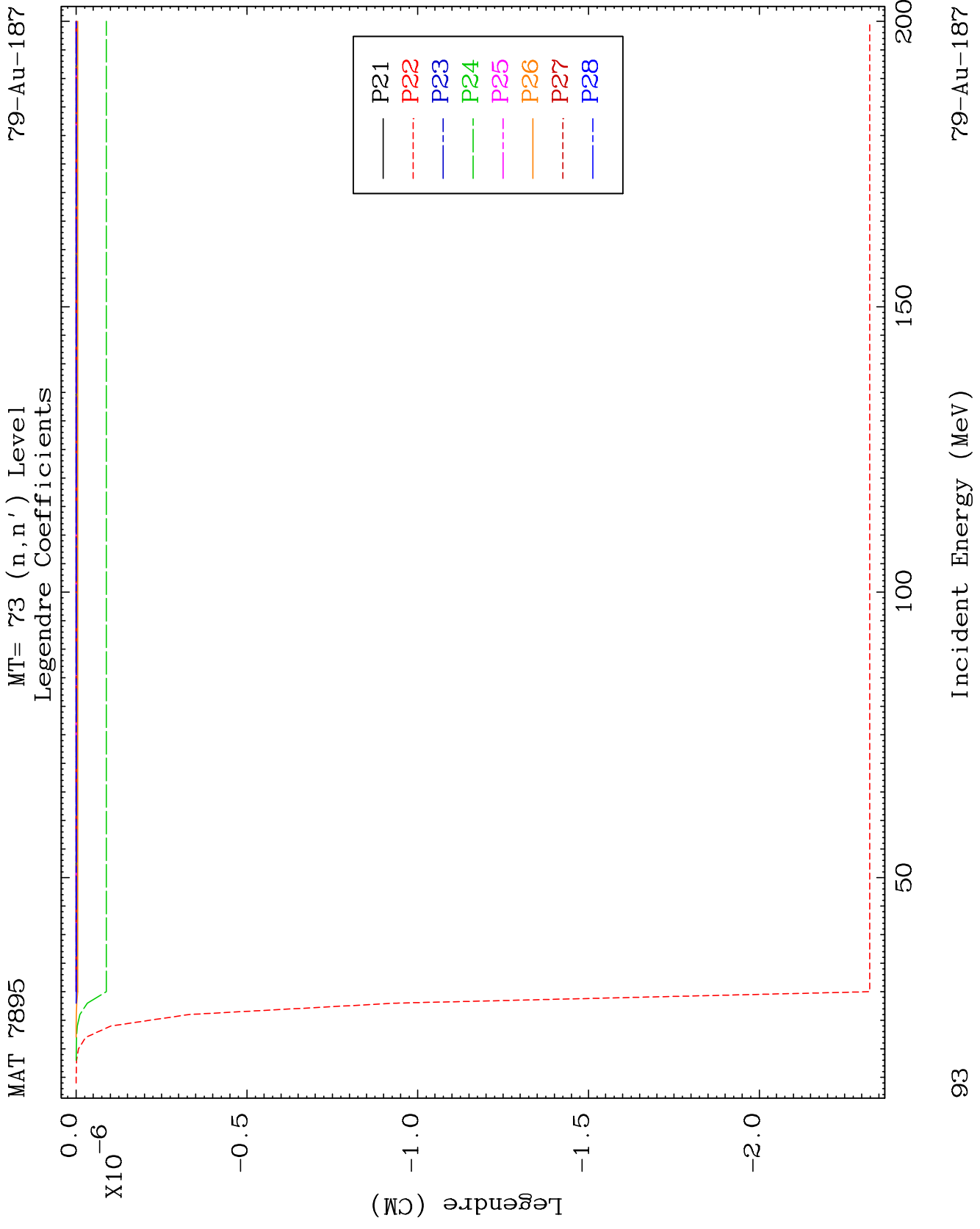
Legendre Coefficients



92

Incident Energy (MeV)

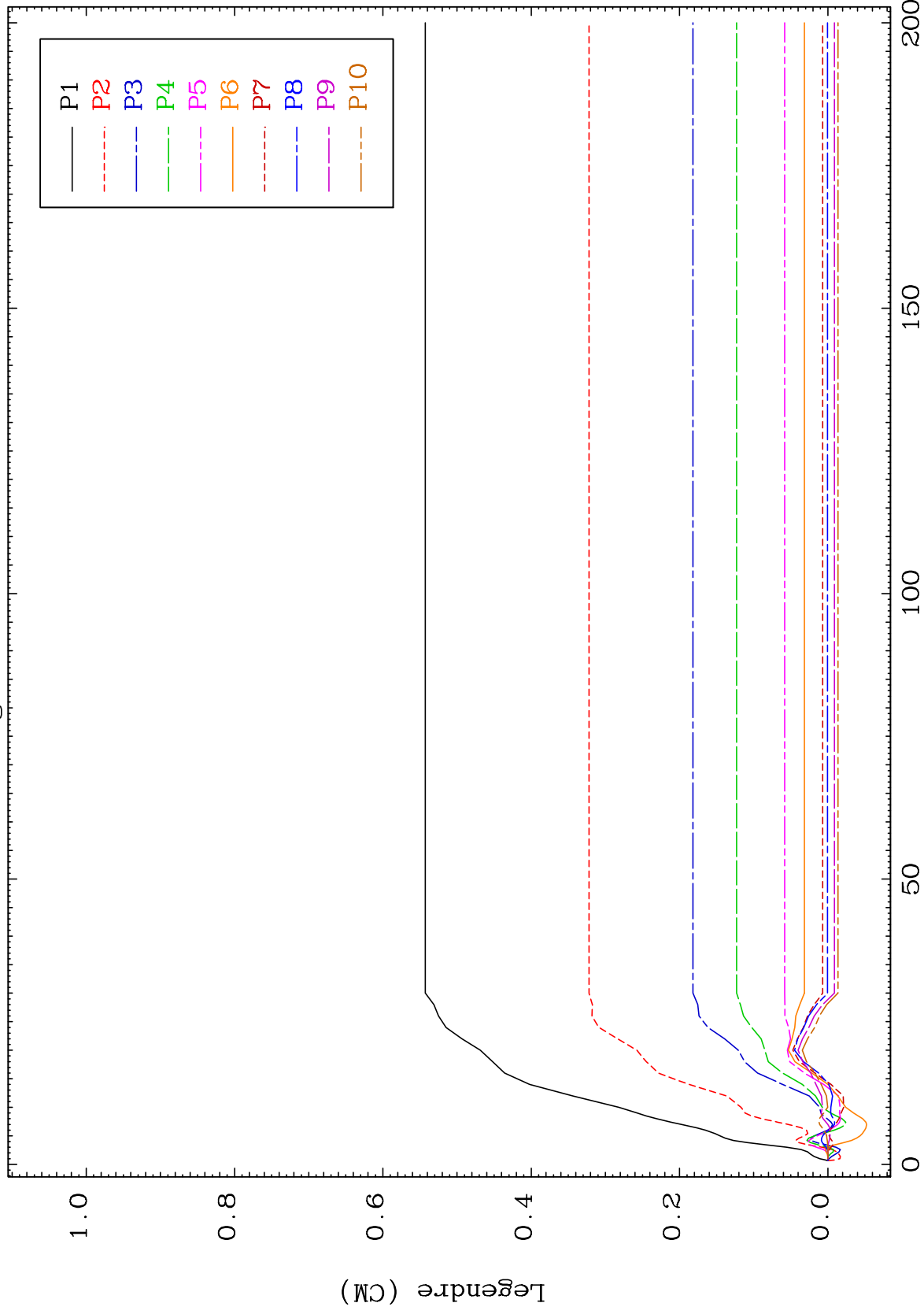
79-Au-187



MAT 7895

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

79-Au-187



94

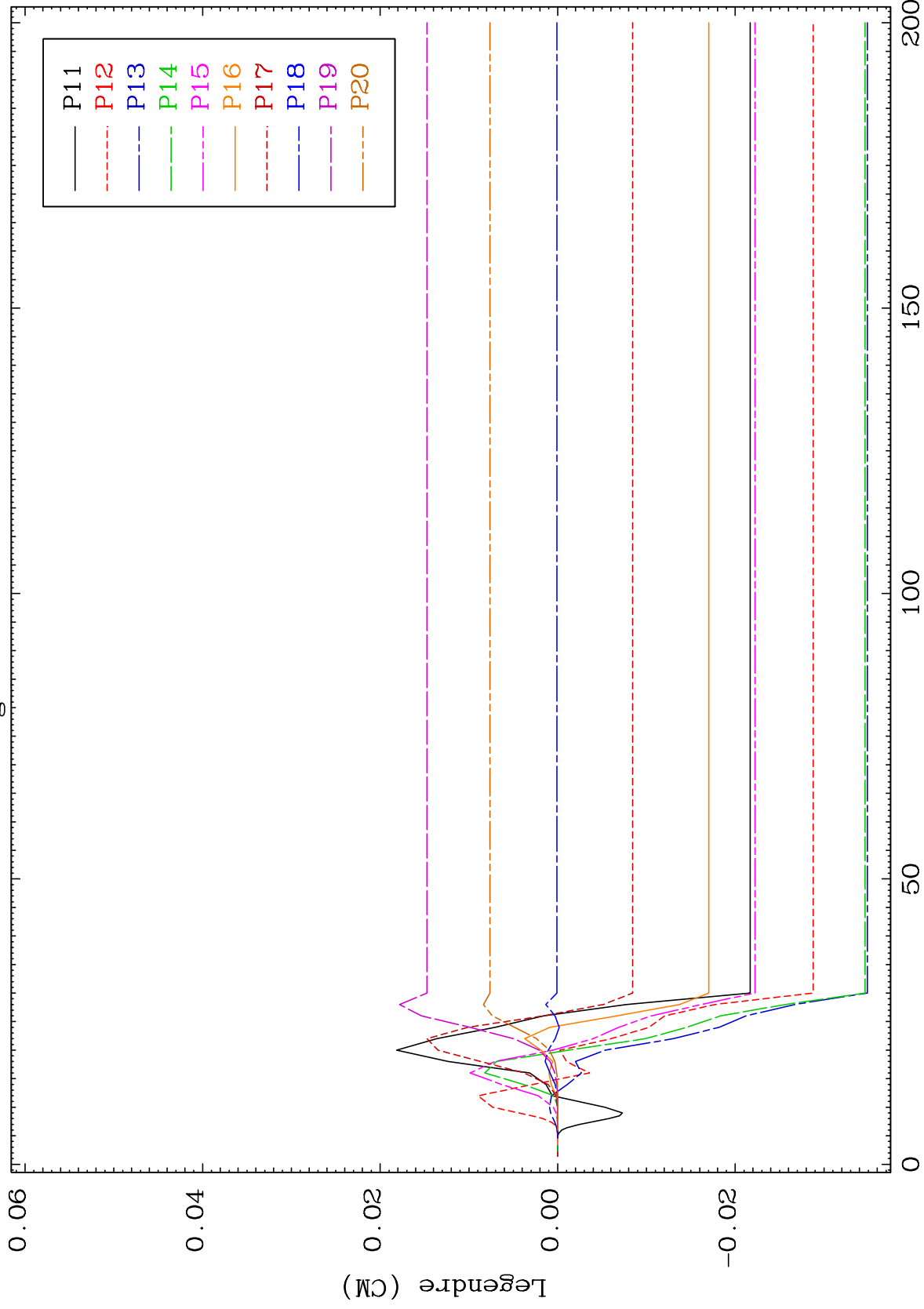
Incident Energy (MeV)

79-Au-187

MAT 7895

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

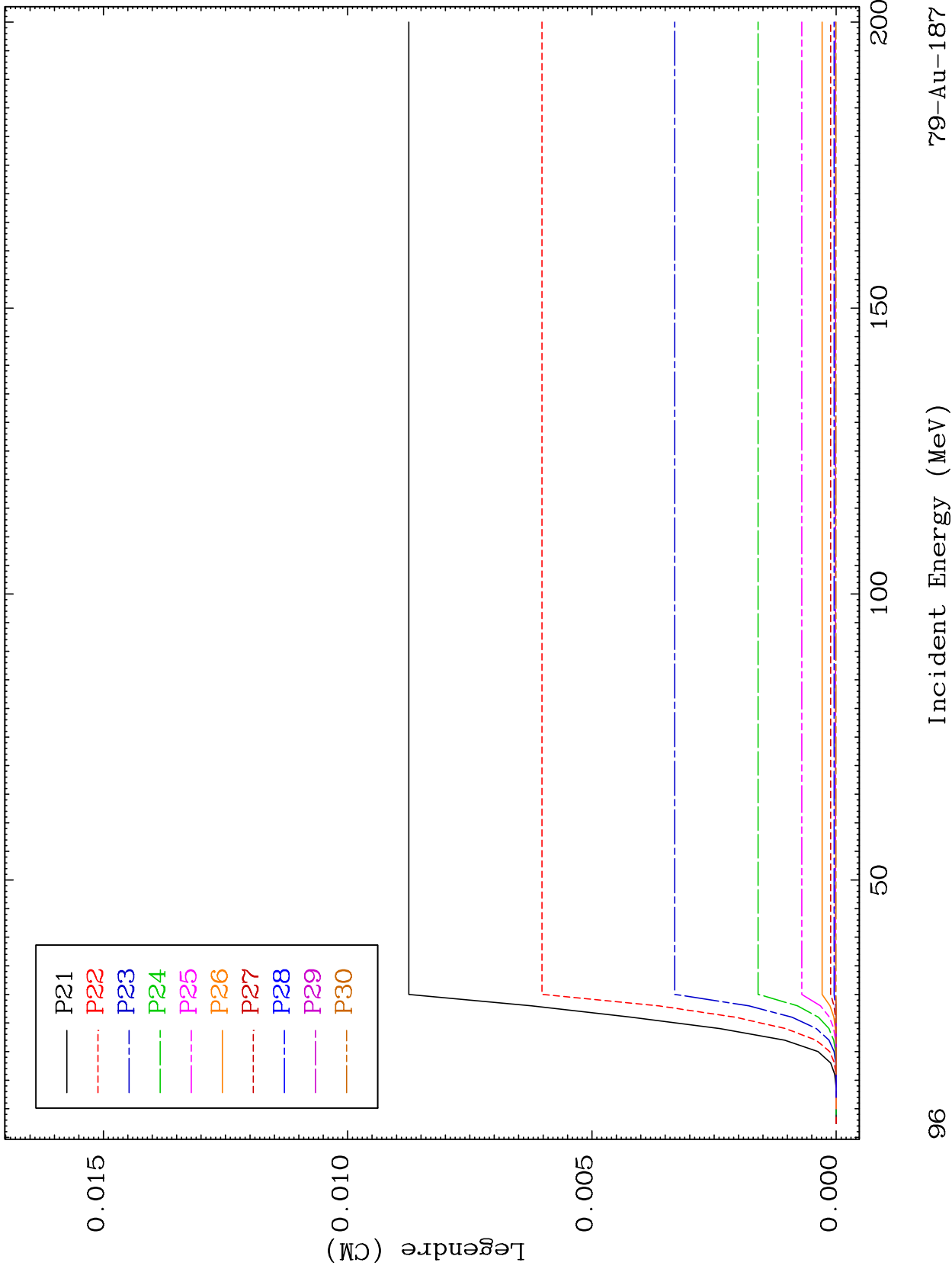
79-Au-187



95

Incident Energy (MeV)

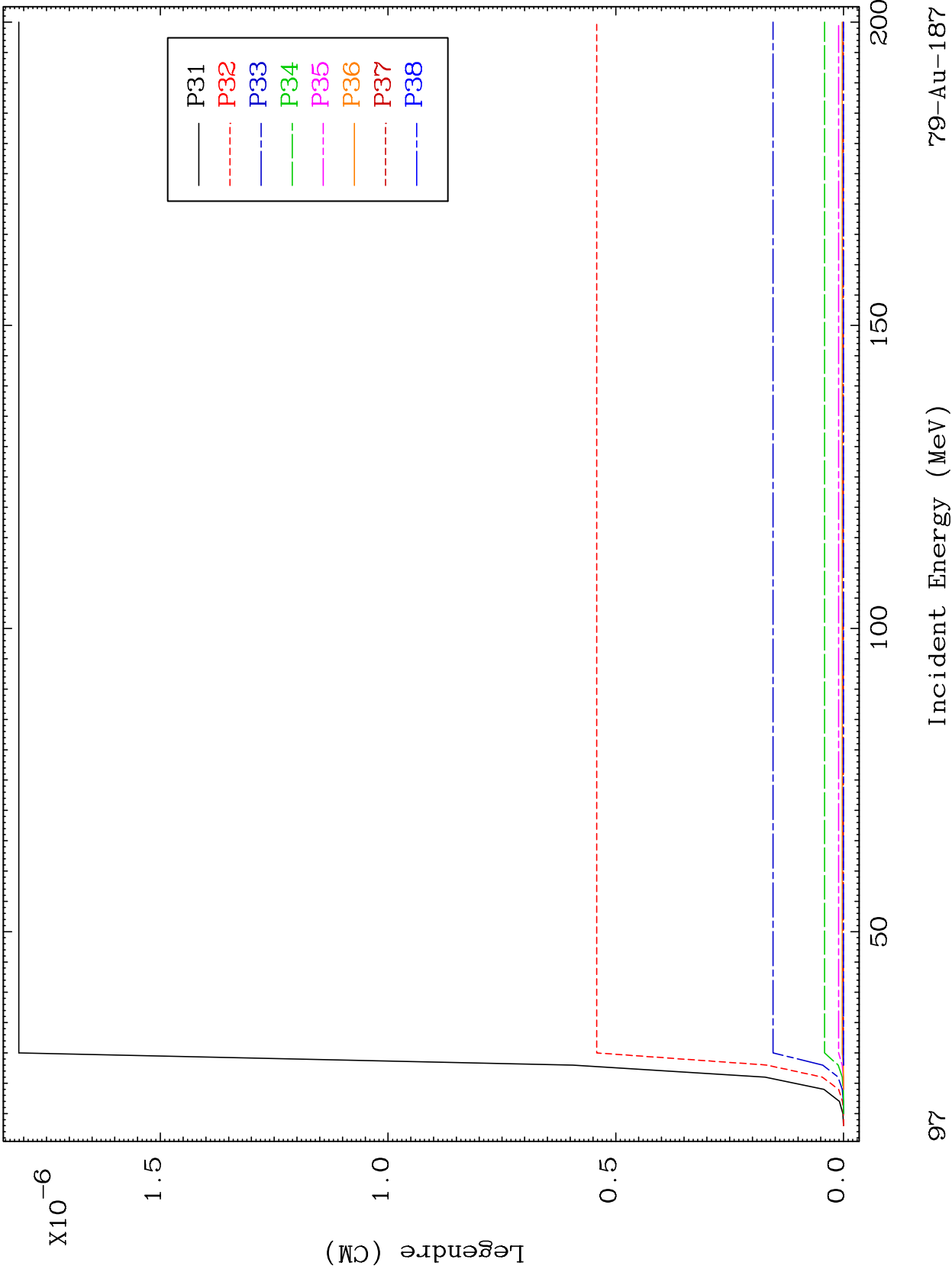
79-Au-187



MAT 7895

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

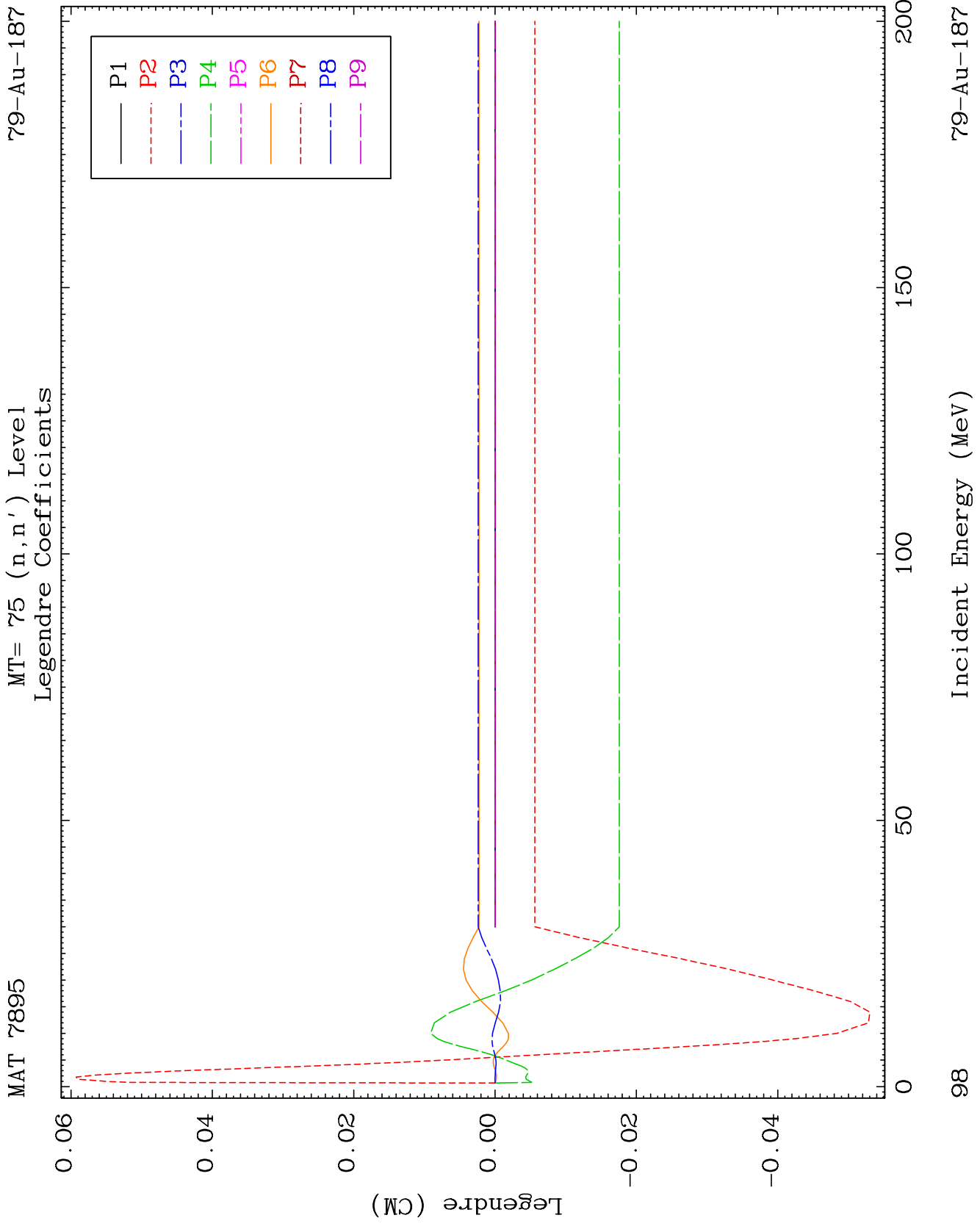
79-Au-187



97

Incident Energy (MeV)

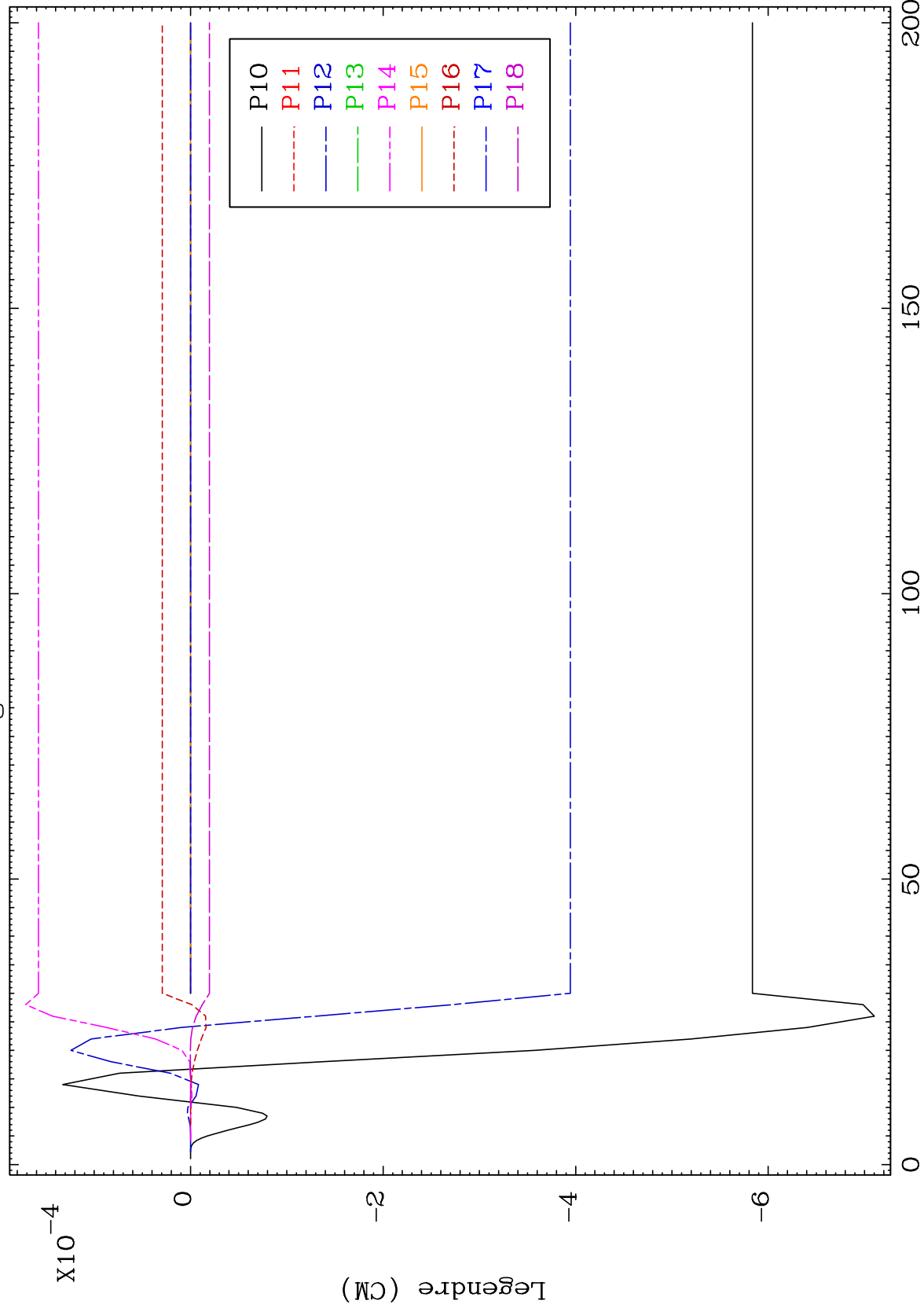
79-Au-187



MAT 7895

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

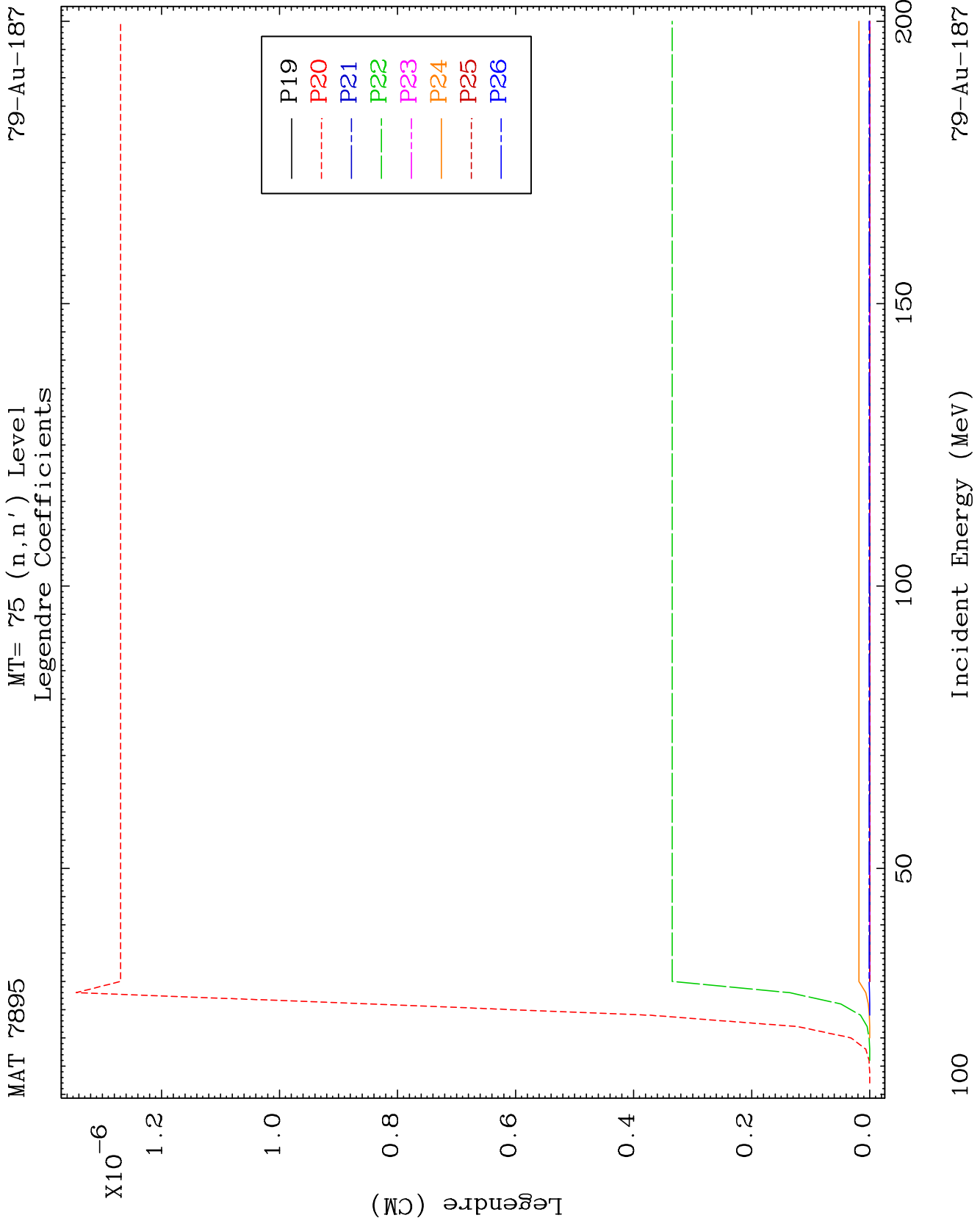
79-Au-187

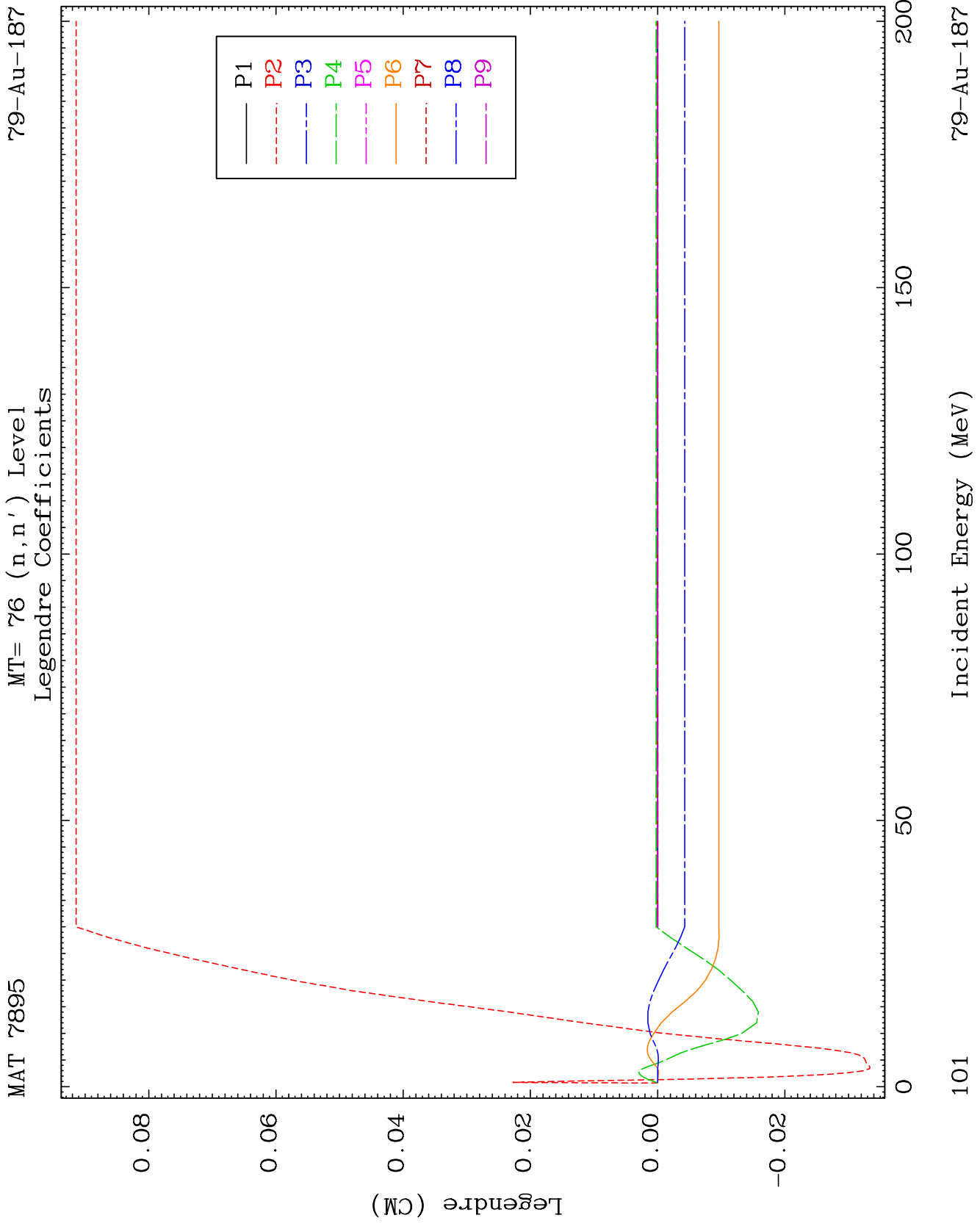


99

Incident Energy (MeV)

79-Au-187

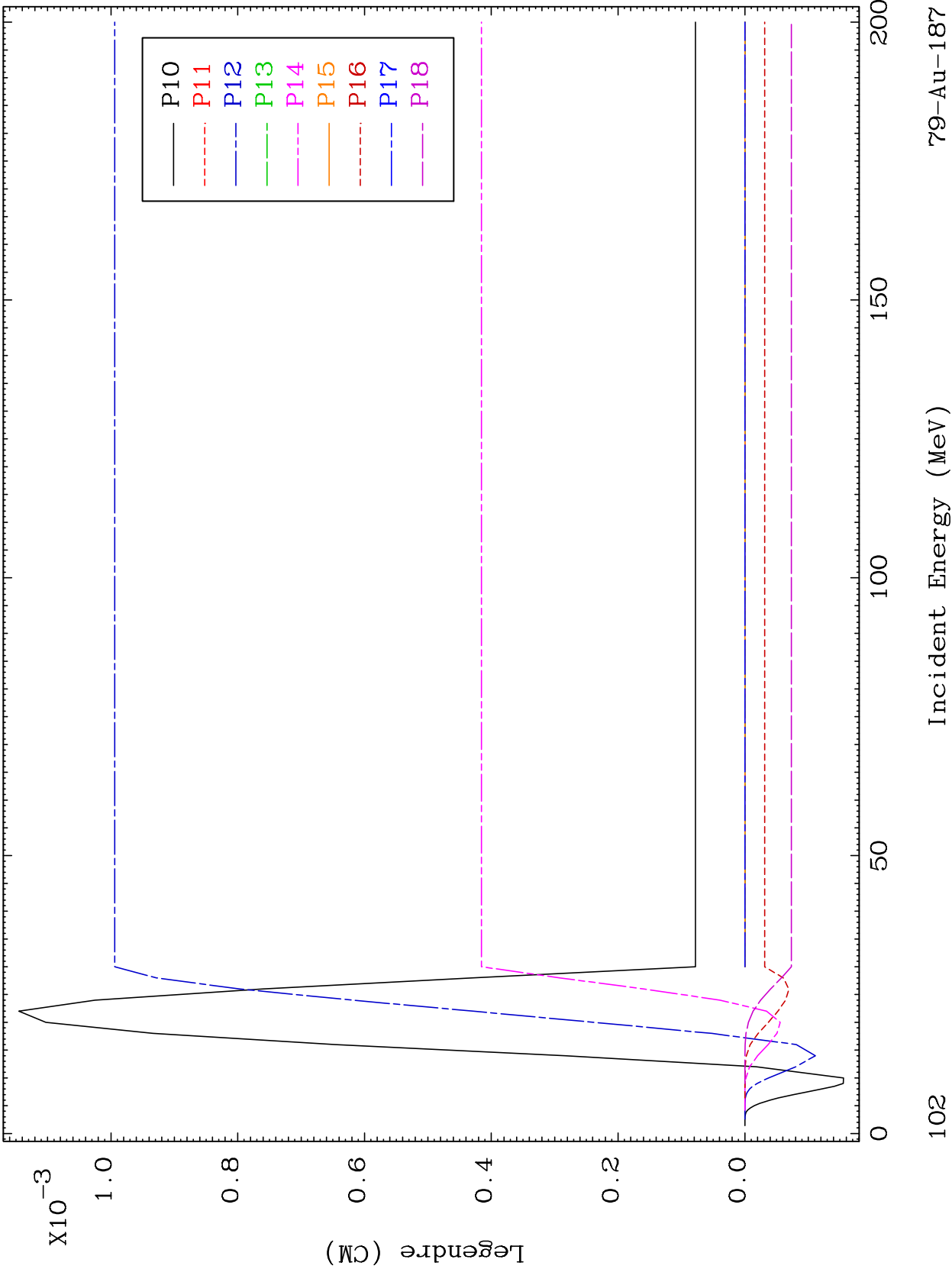




MAT 7895

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

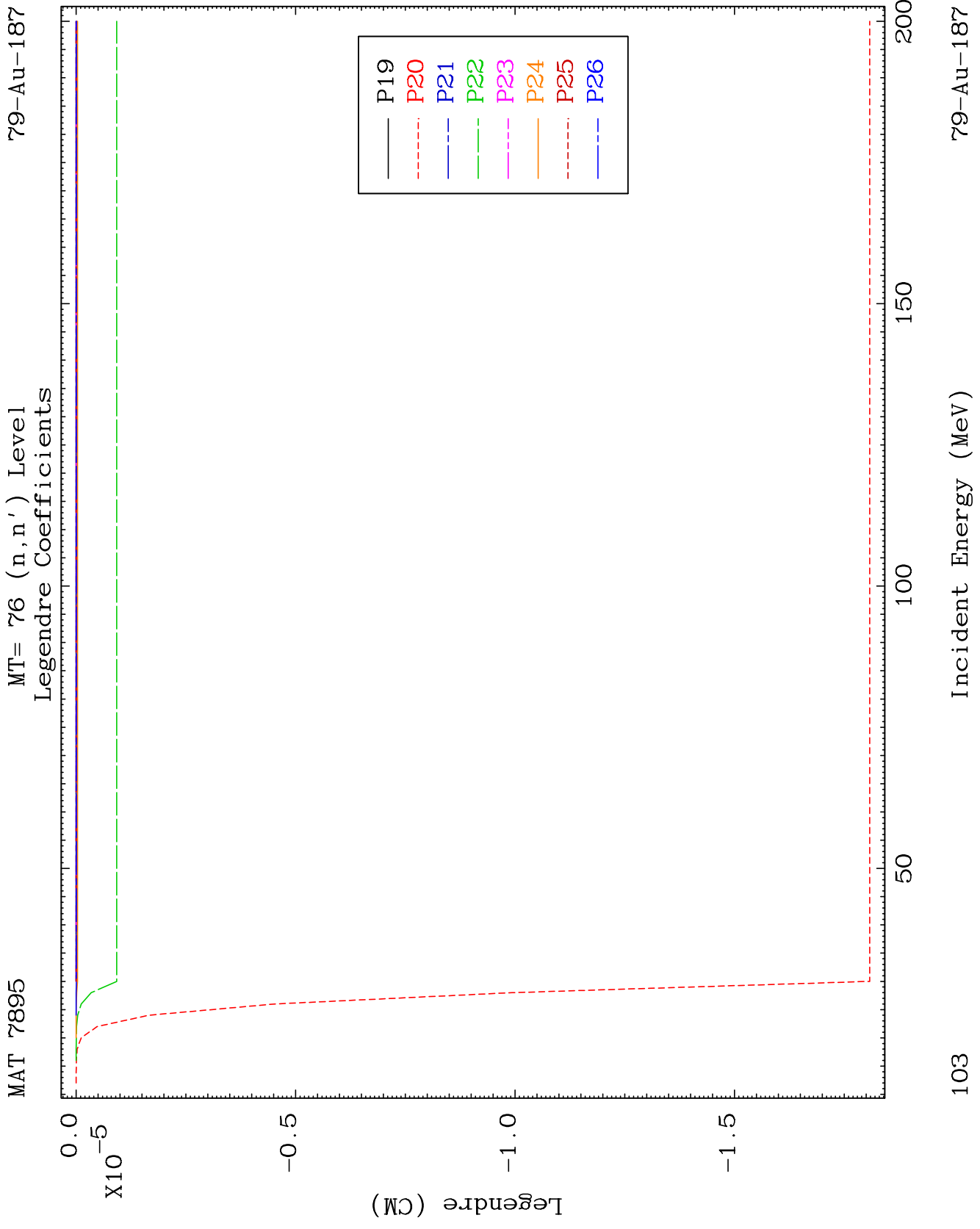
79-Au-187



79-Au-187

Incident Energy (MeV)

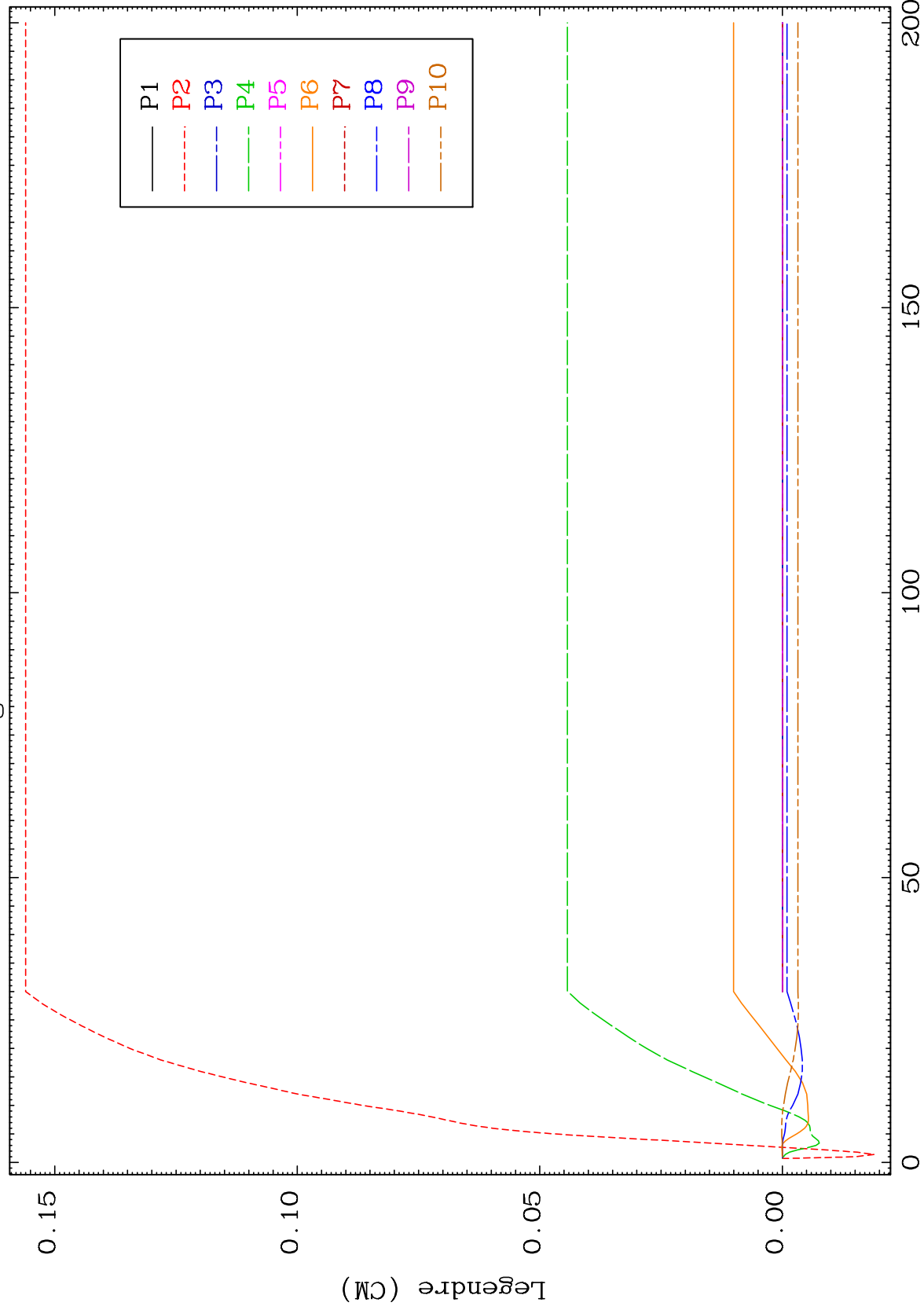
102



MAT 7895

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

79-Au-187



79-Au-187

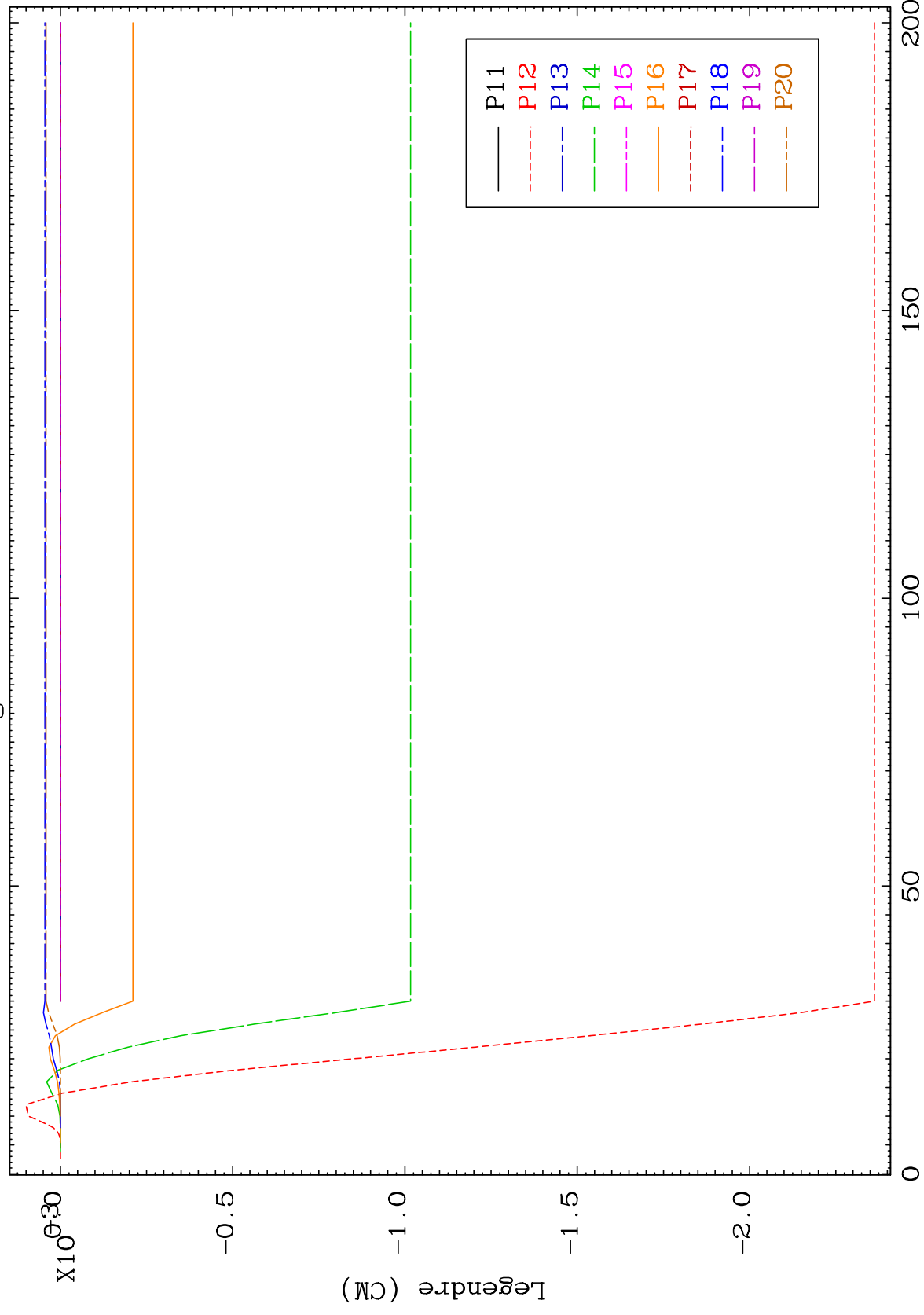
Incident Energy (MeV)

104

MAT 7895

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

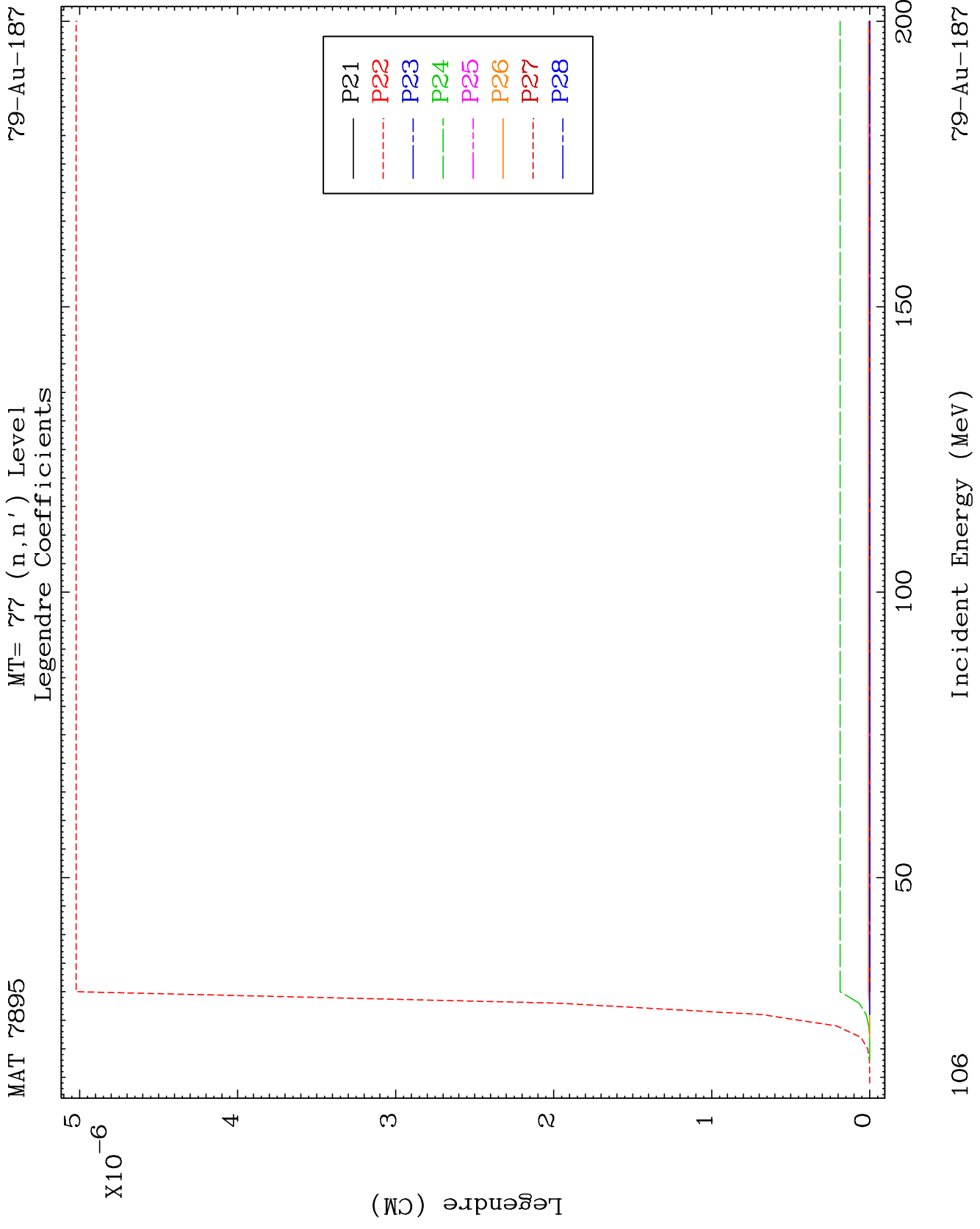
79-Au-187



79-Au-187

Incident Energy (MeV)

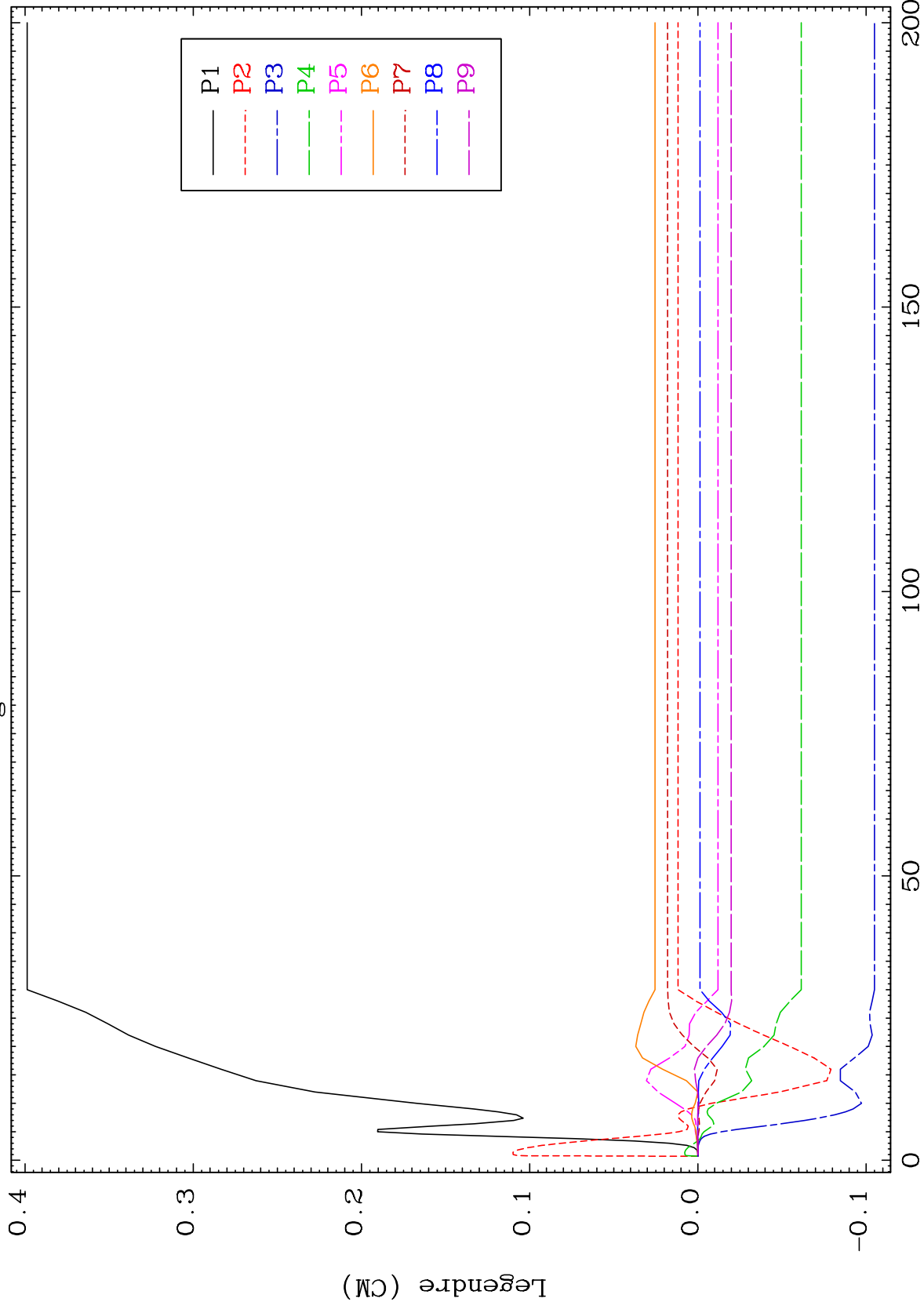
105



MAT 7895

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

79-Au-187



107

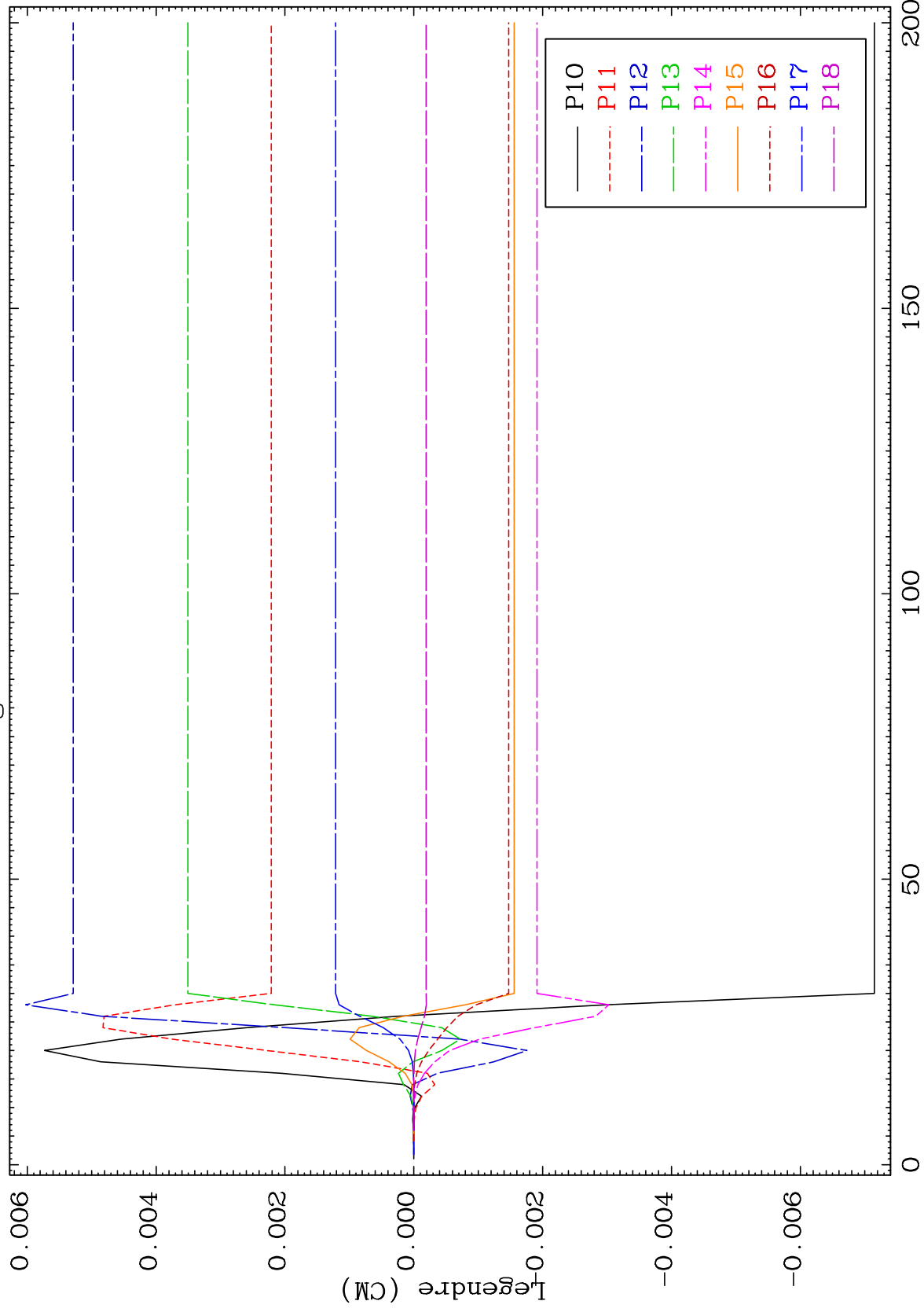
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187



108

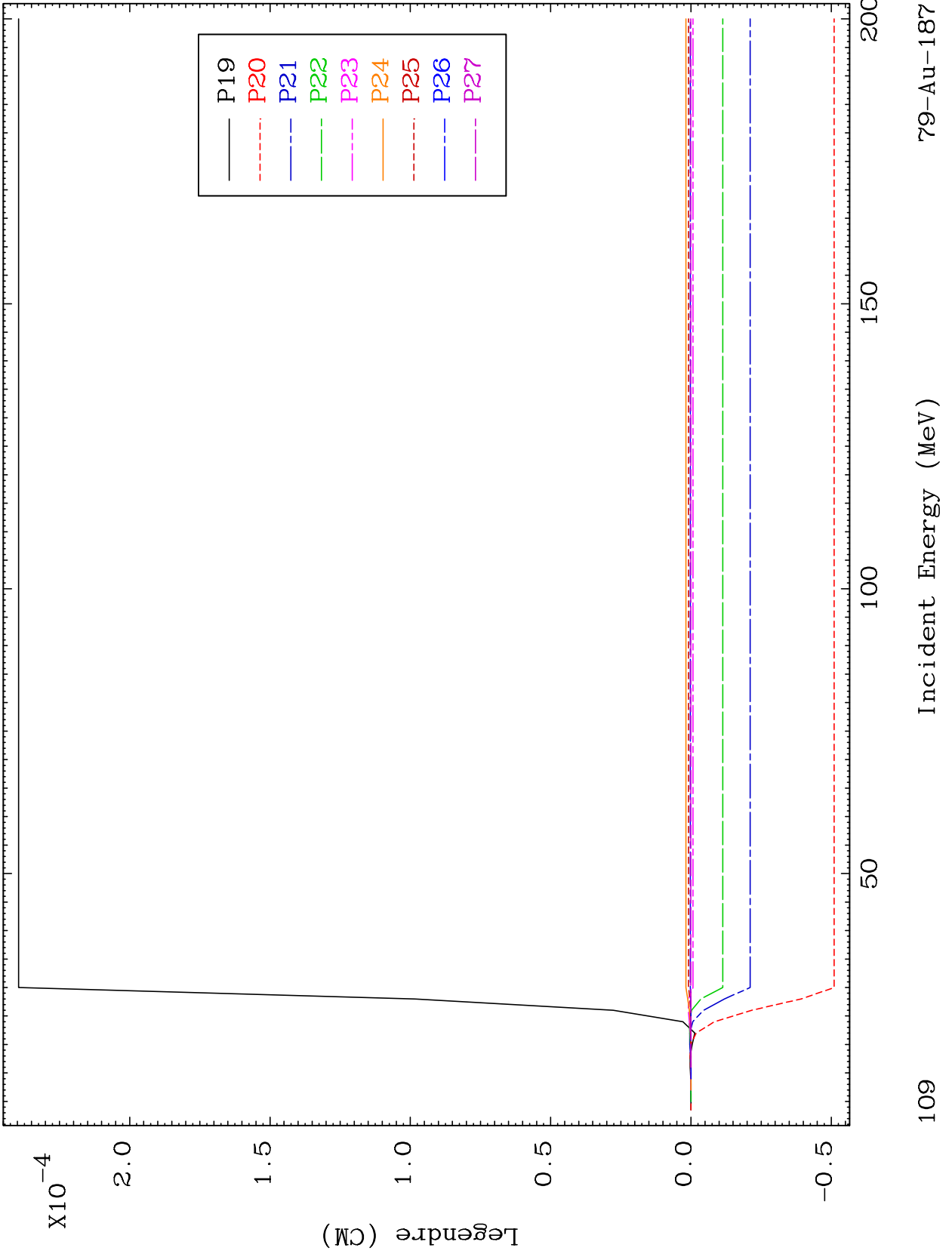
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187



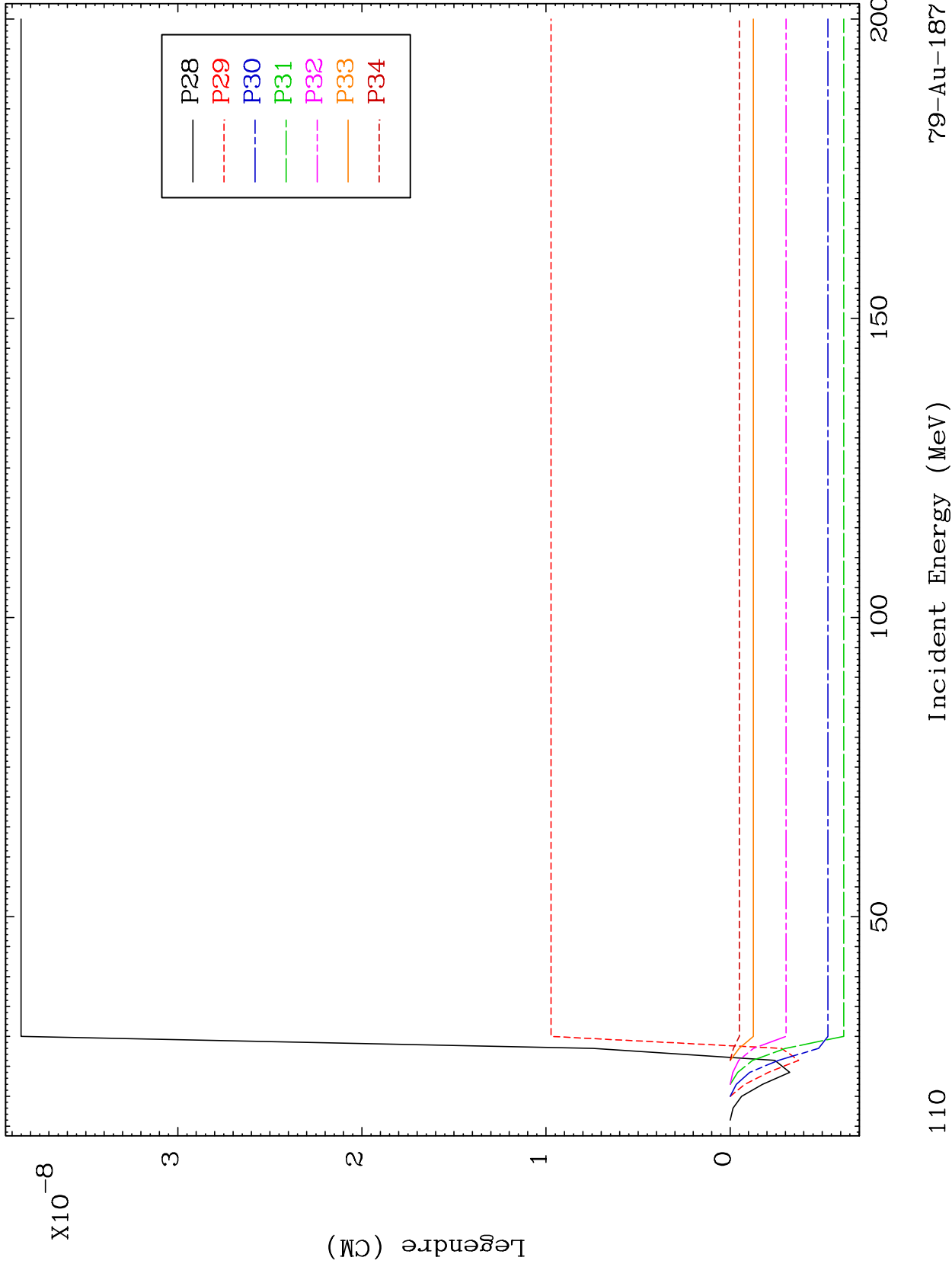
109

79-Au-187

MAT 7895

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

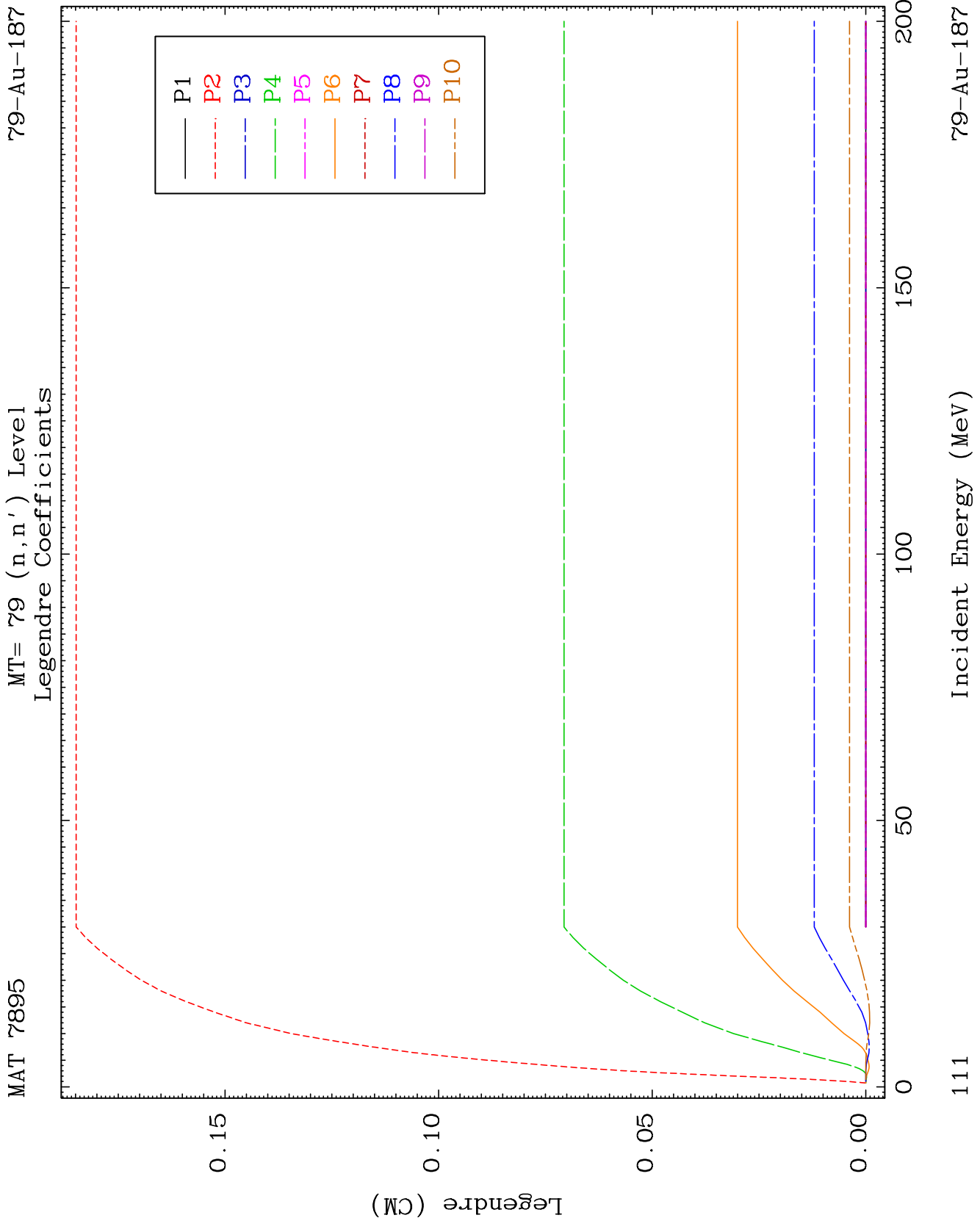
79-Au-187



110

Incident Energy (MeV)

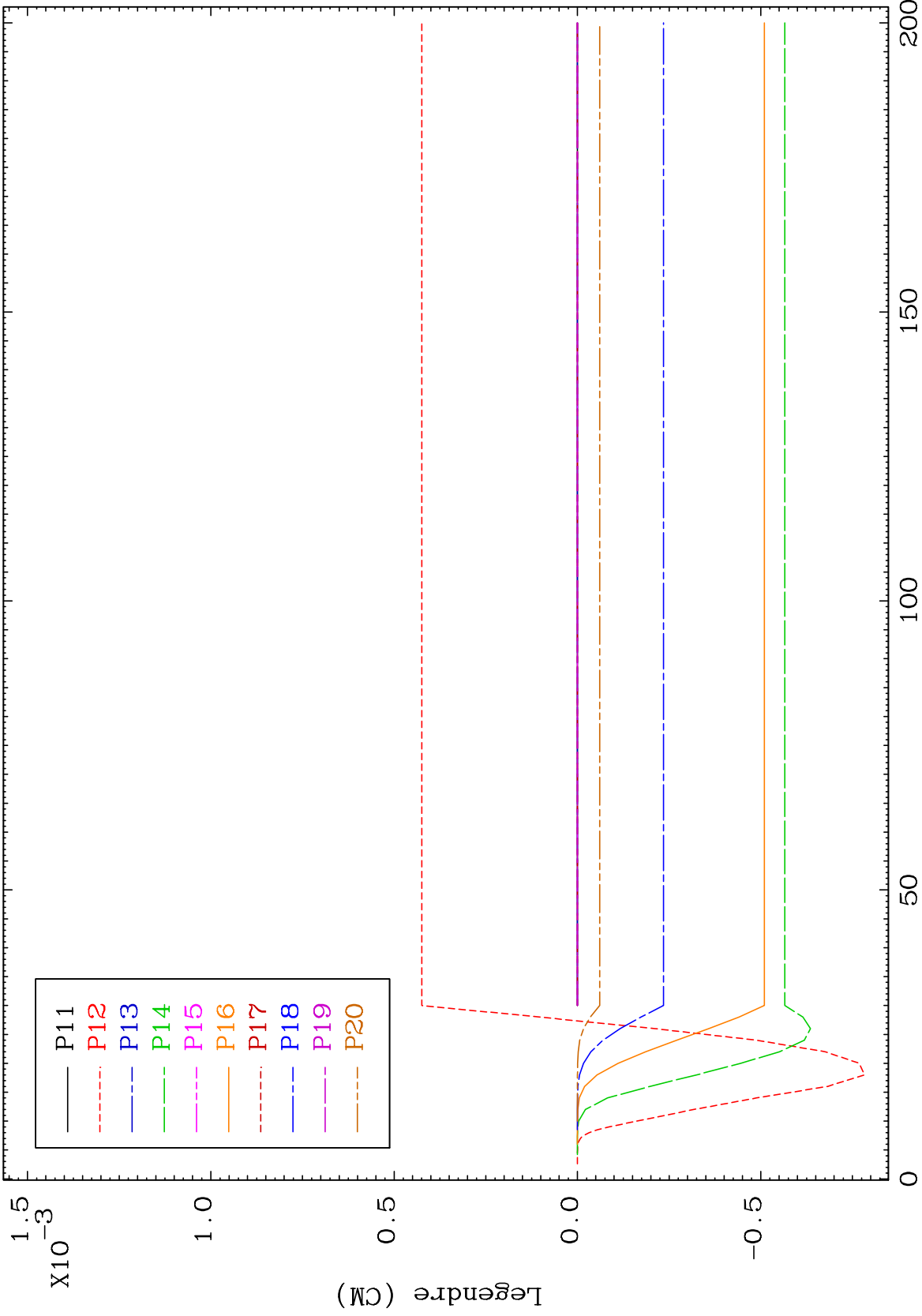
79-Au-187



MAT 7895

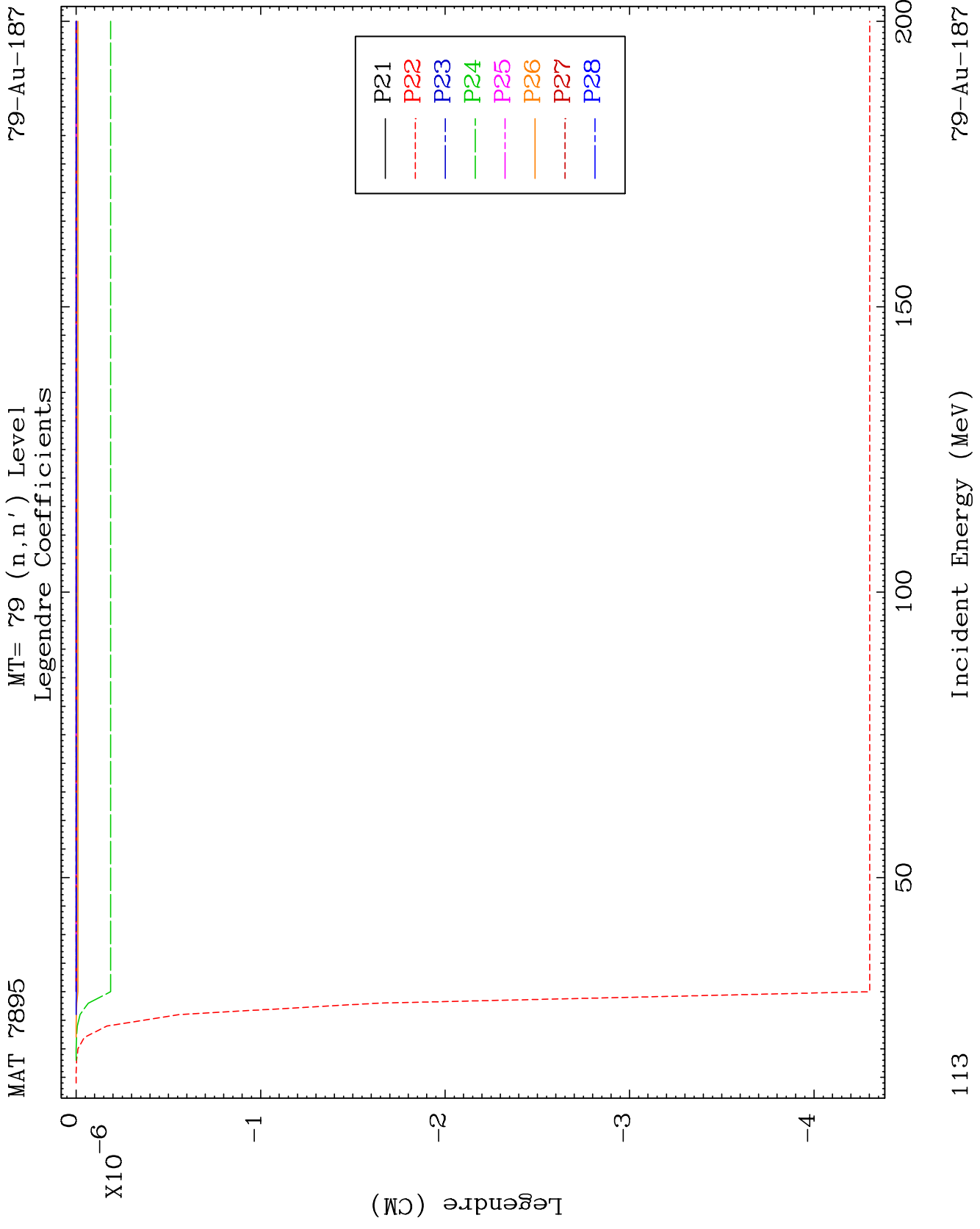
MT= 79 (n,n') Level
Legendre Coefficients

79-Au-187



112

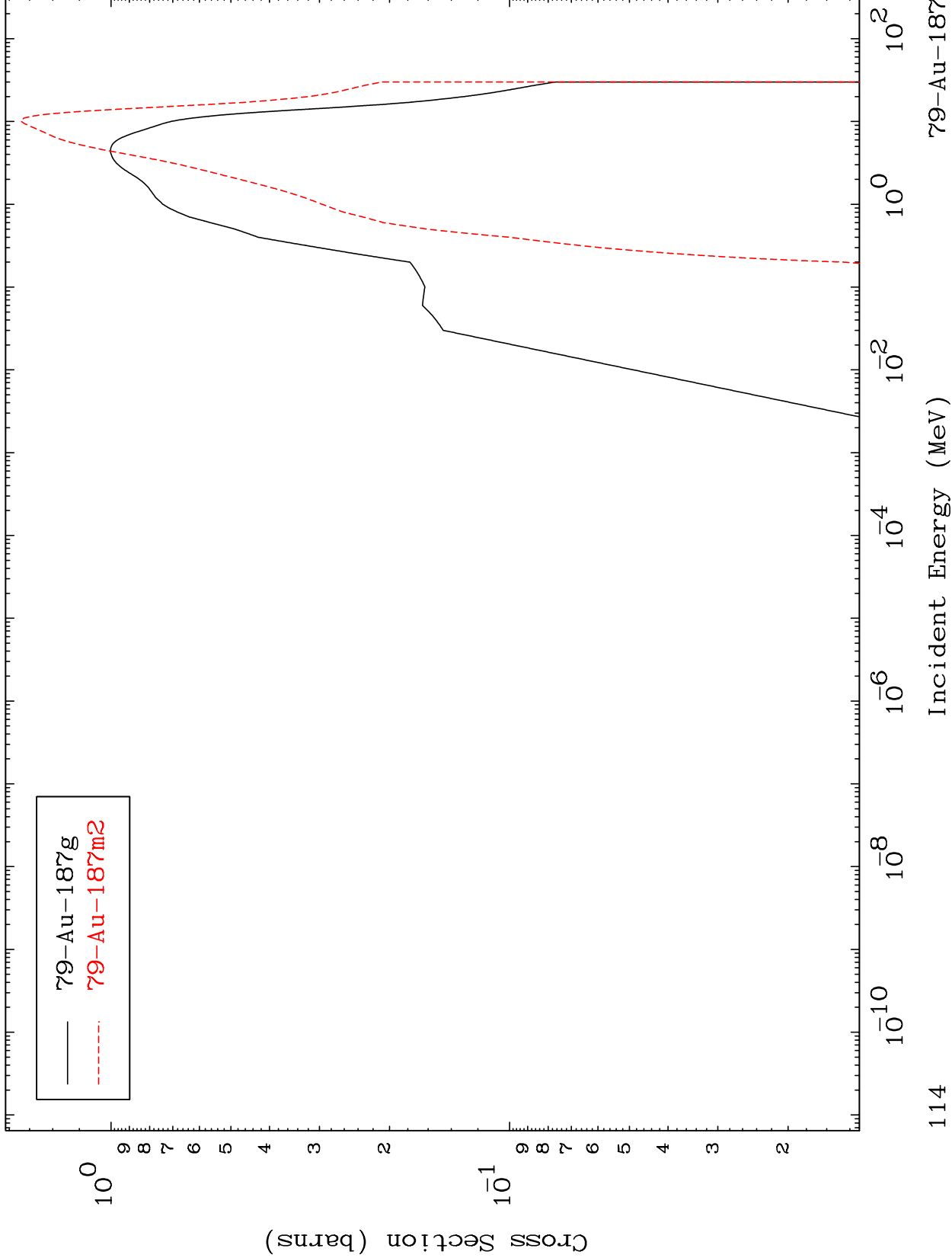
79-Au-187



MAT 7895

Inelastic
Radionuclide Production Cross Section

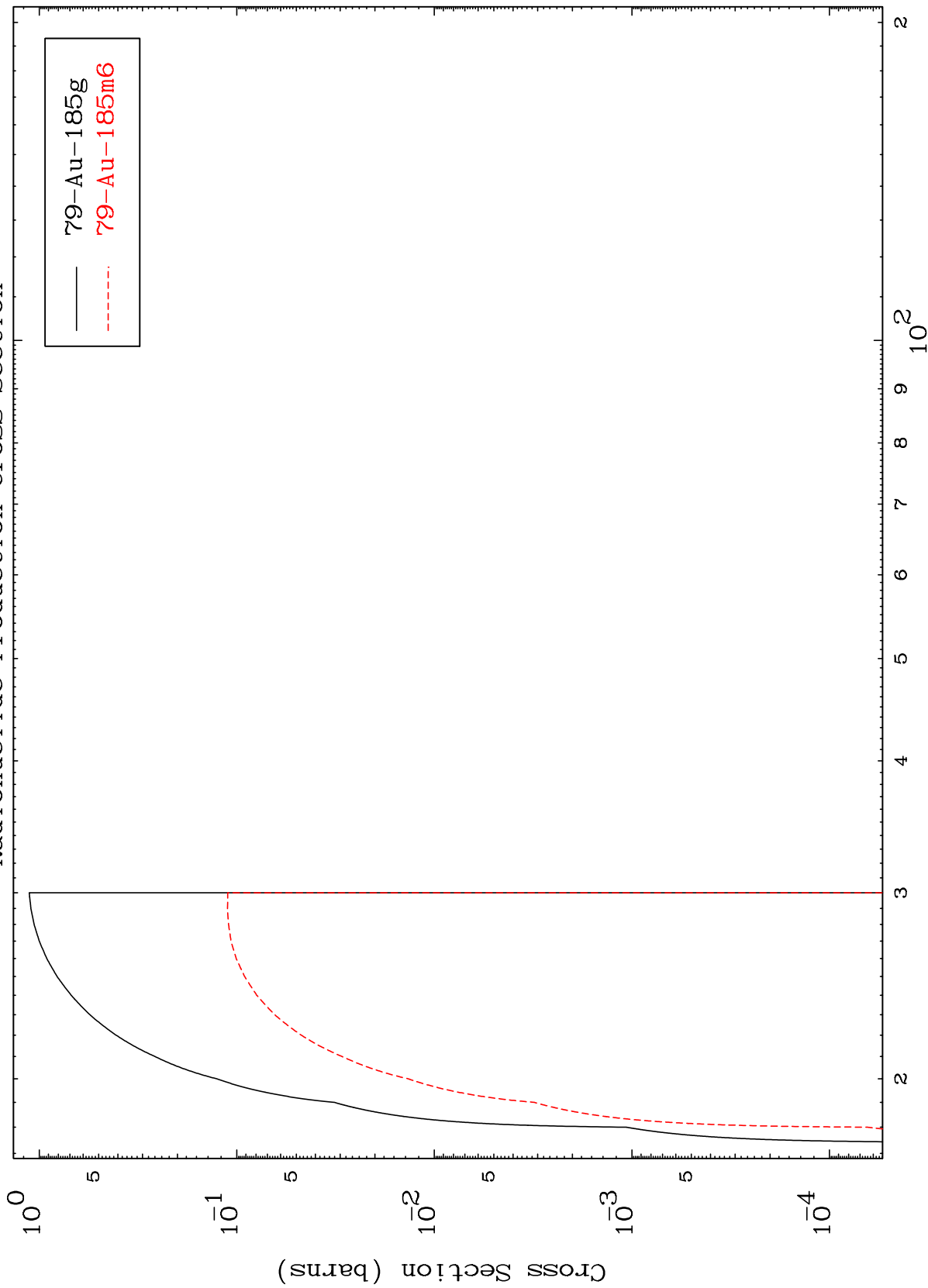
⁷⁹Au-187



MAT 7895

79-Au-187

(n,3n)
Radionuclide Production Cross Section



79-Au-185g
79-Au-185m6

115

Incident Energy (MeV)

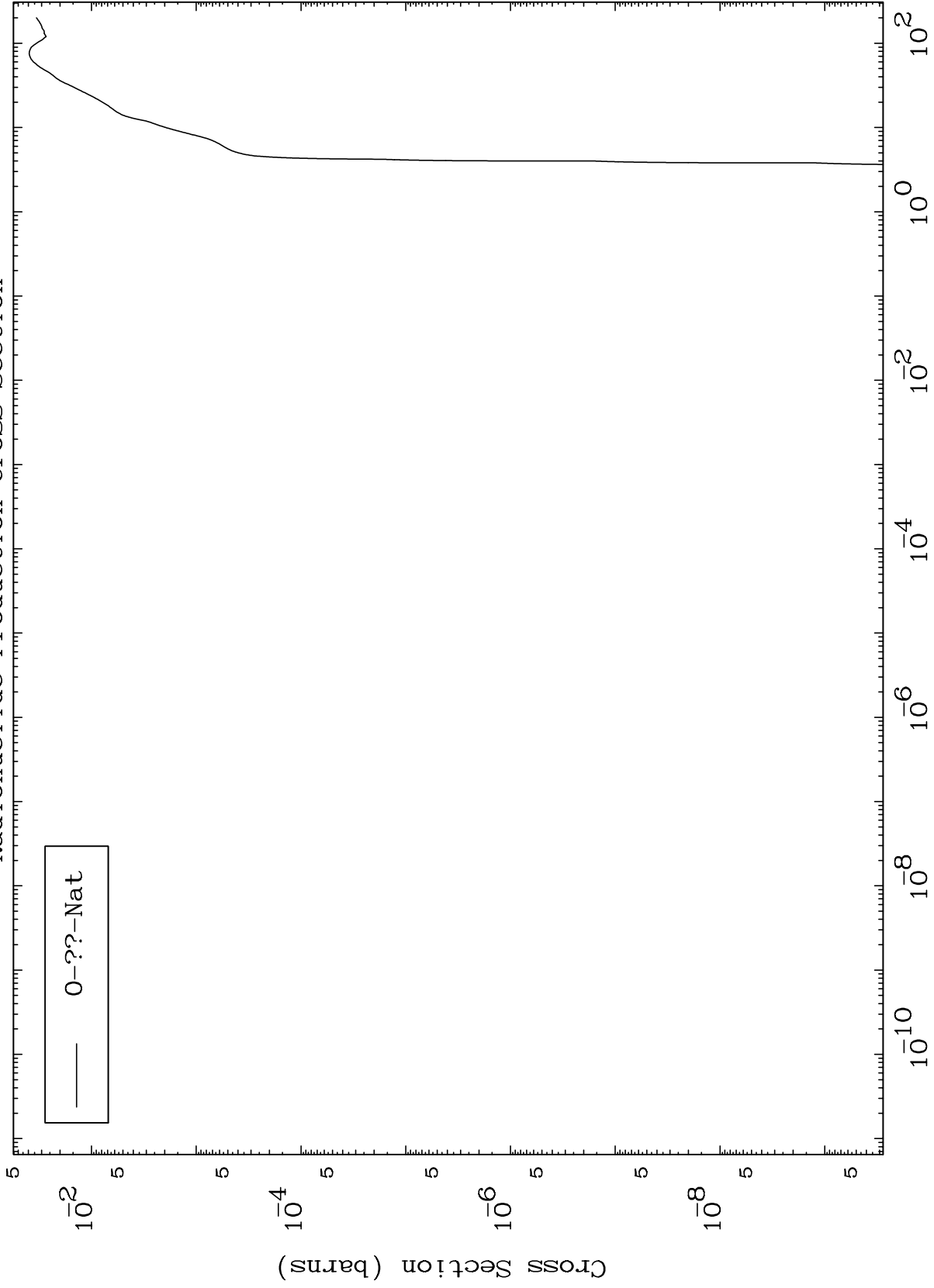
79-Au-187

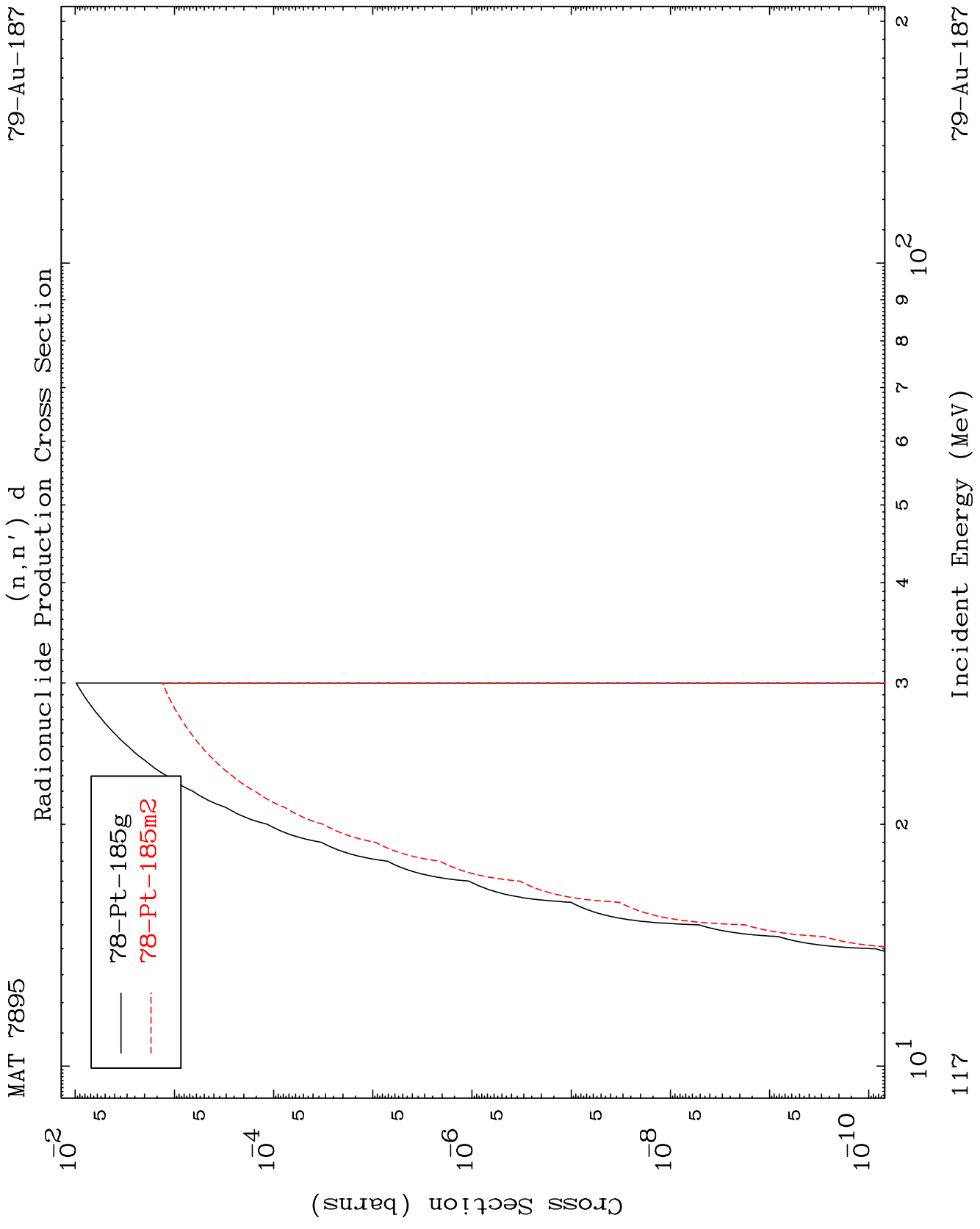
MAT 7895

Fission

79-Au-187

Radionuclide Production Cross Section

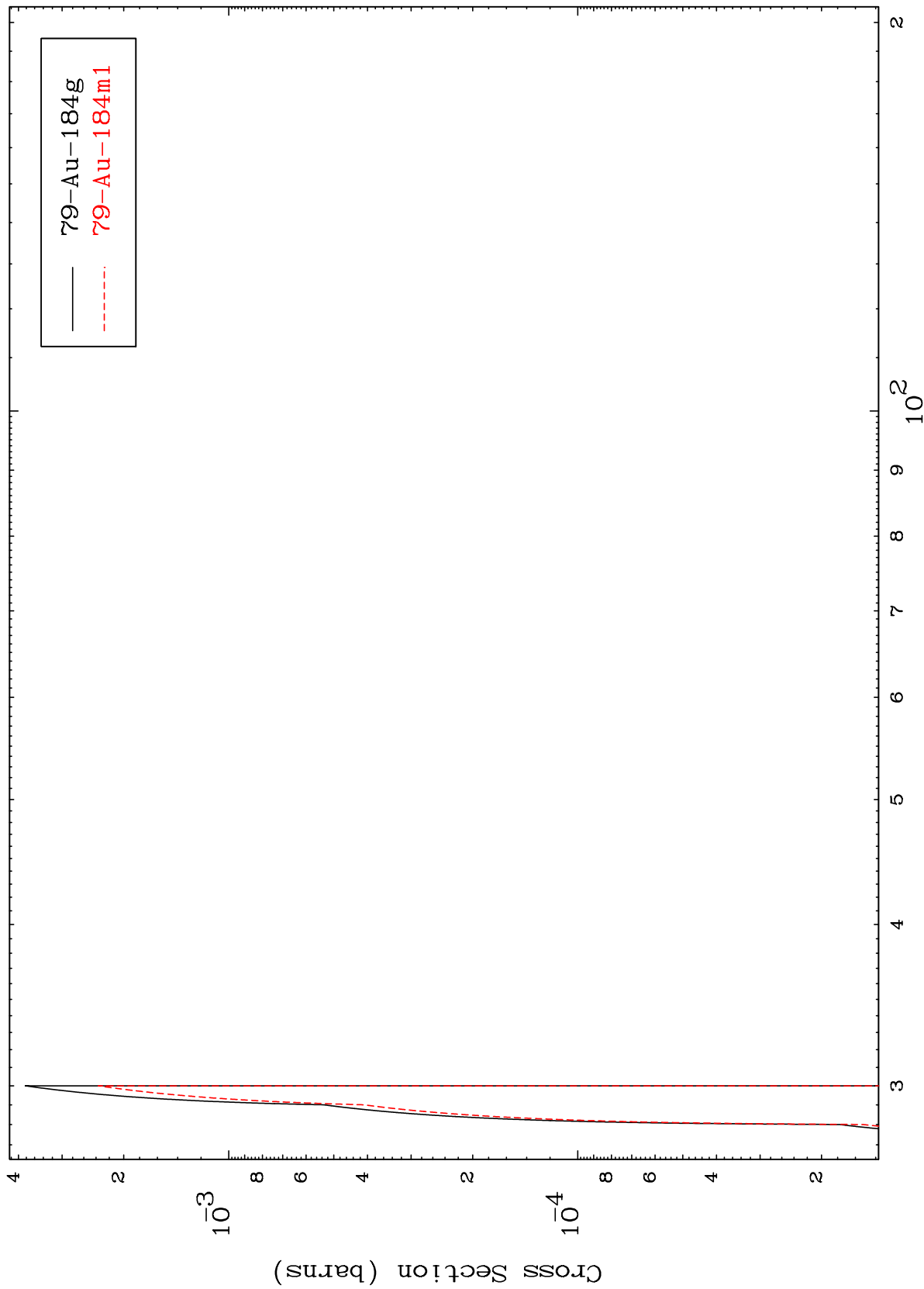




MAT 7895

79-Au-187

(n,4n)
Radionuclide Production Cross Section



79-Au-184g
79-Au-184m1

118

79-Au-187

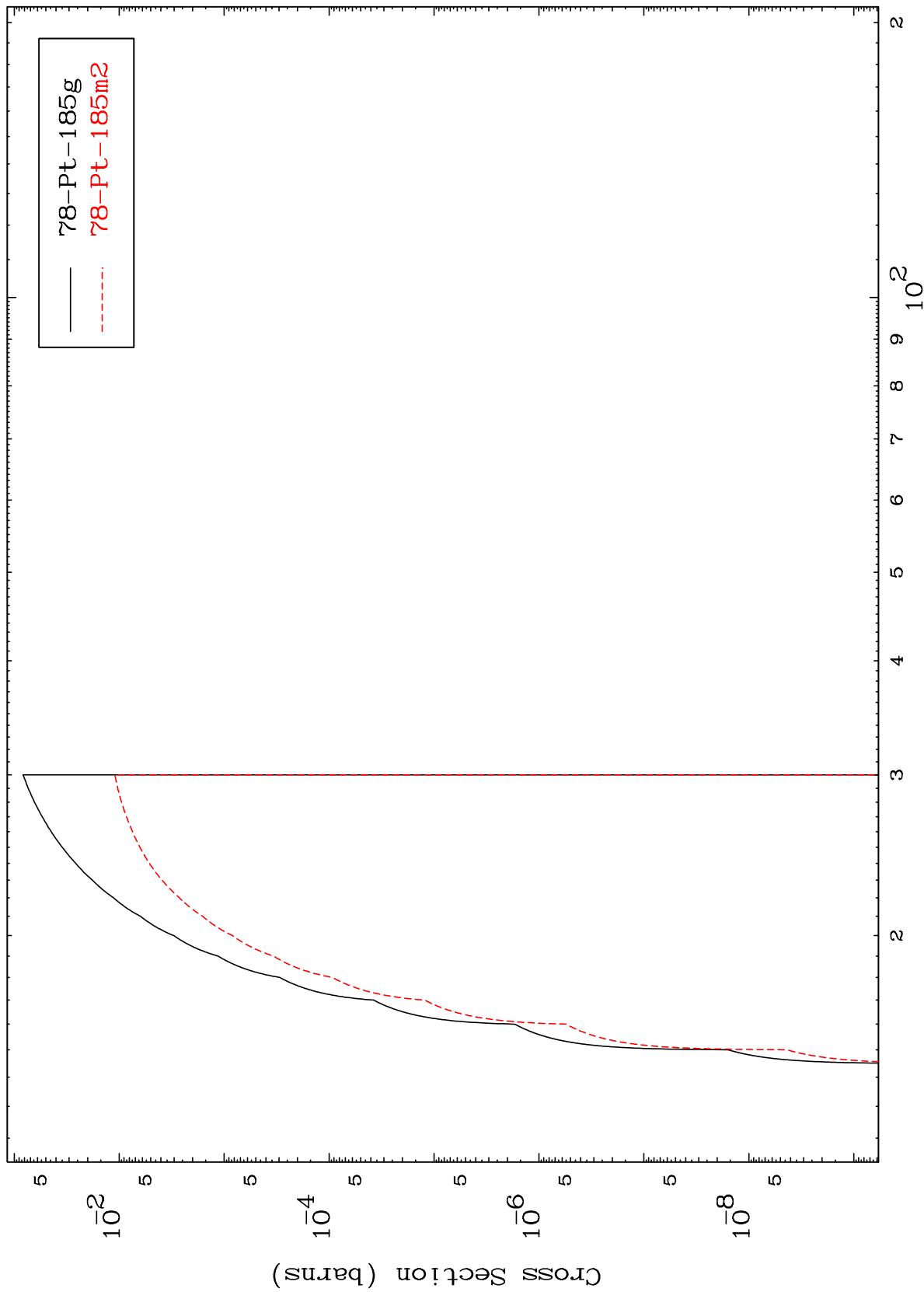
Incident Energy (MeV)

MAT 7895

(n,2n) p

79-Au-187

Radionuclide Production Cross Section



119

Incident Energy (MeV)

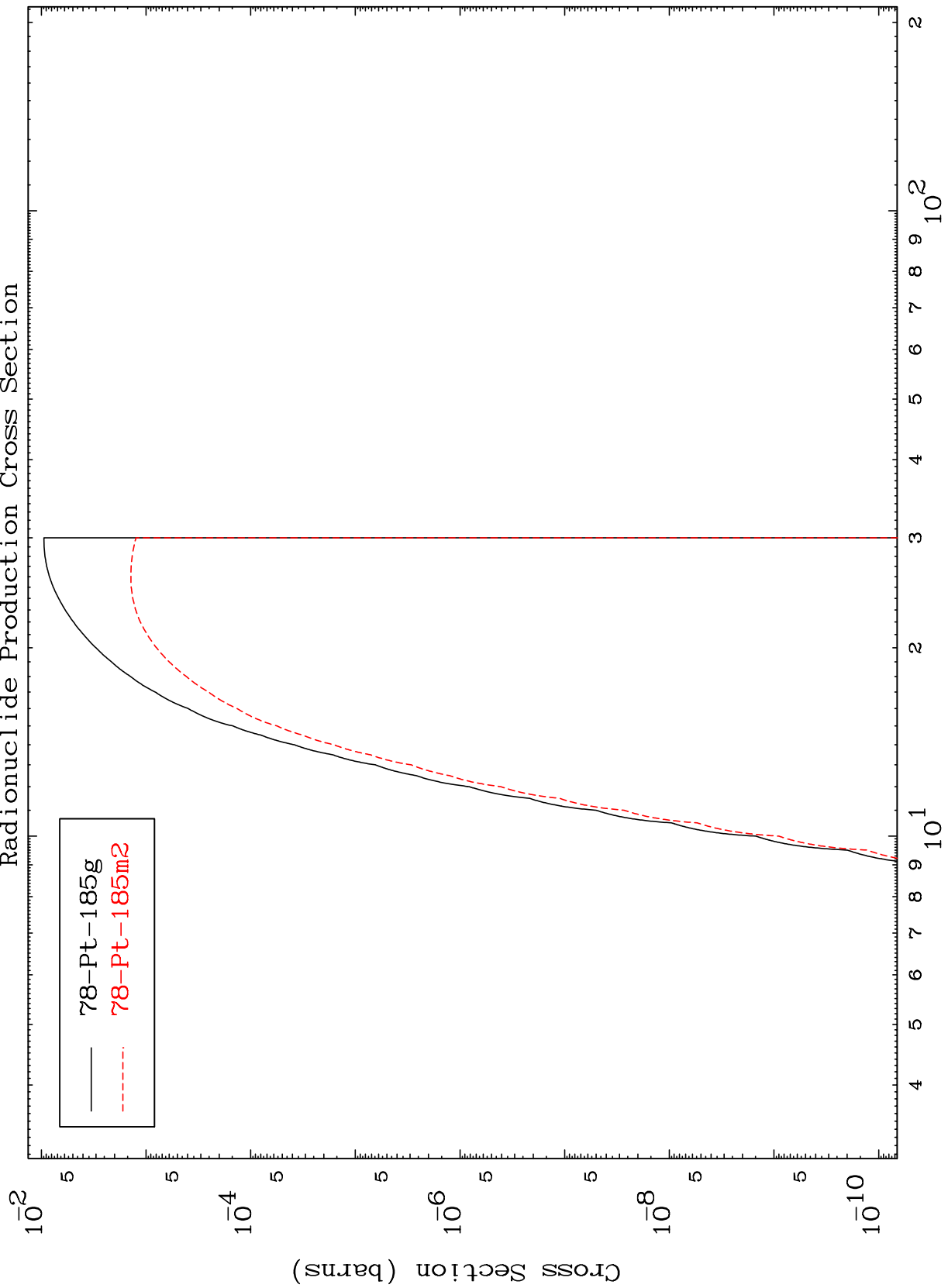
79-Au-187

MAT 7895

(n, t)

79-Au-187

Radionuclide Production Cross Section



78-Pt-185g
78-Pt-185m2

120

Incident Energy (MeV)

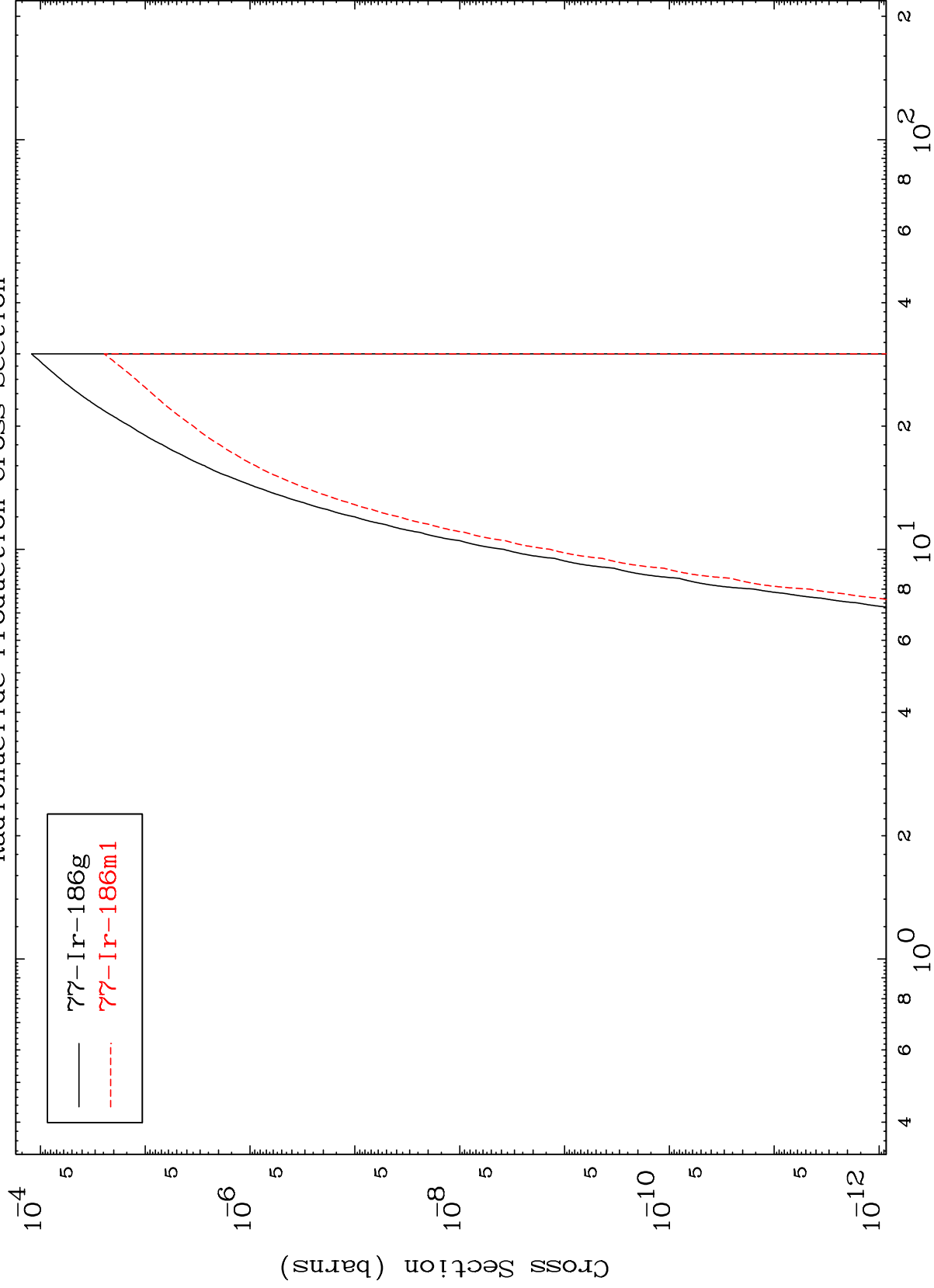
79-Au-187

MAT 7895

(n,2p)

⁷⁹Au-187

Radionuclide Production Cross Section



121

Incident Energy (MeV)

⁷⁹Au-187

MAT 7895

(n,p) α

⁷⁹Au-187

Radionuclide Production Cross Section

