

Program EVALPLOT
(Version 2017-1)

by

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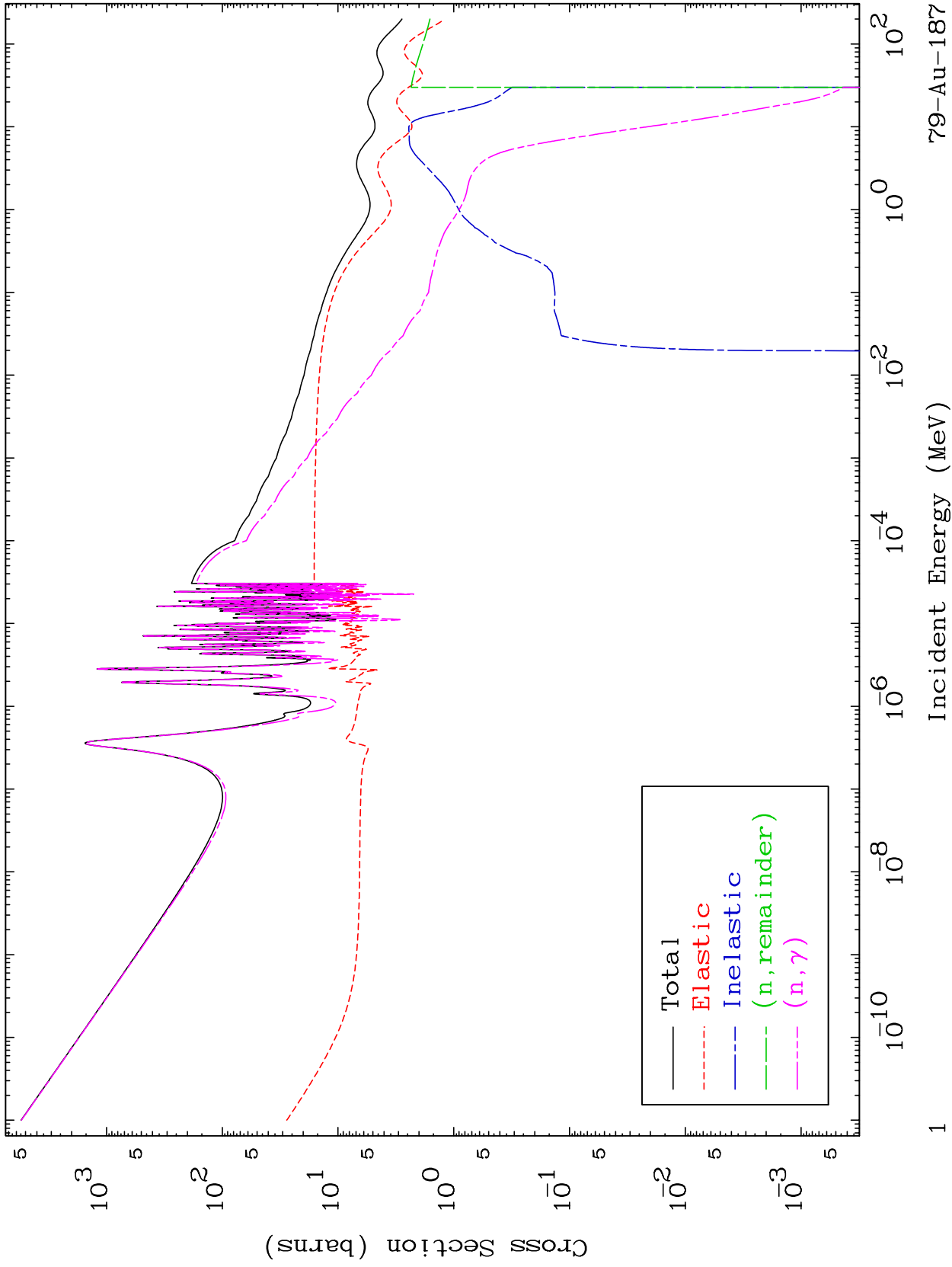
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Press Mouse Button to Start

MAT 7895

Major
293 Kelvin Cross Sections

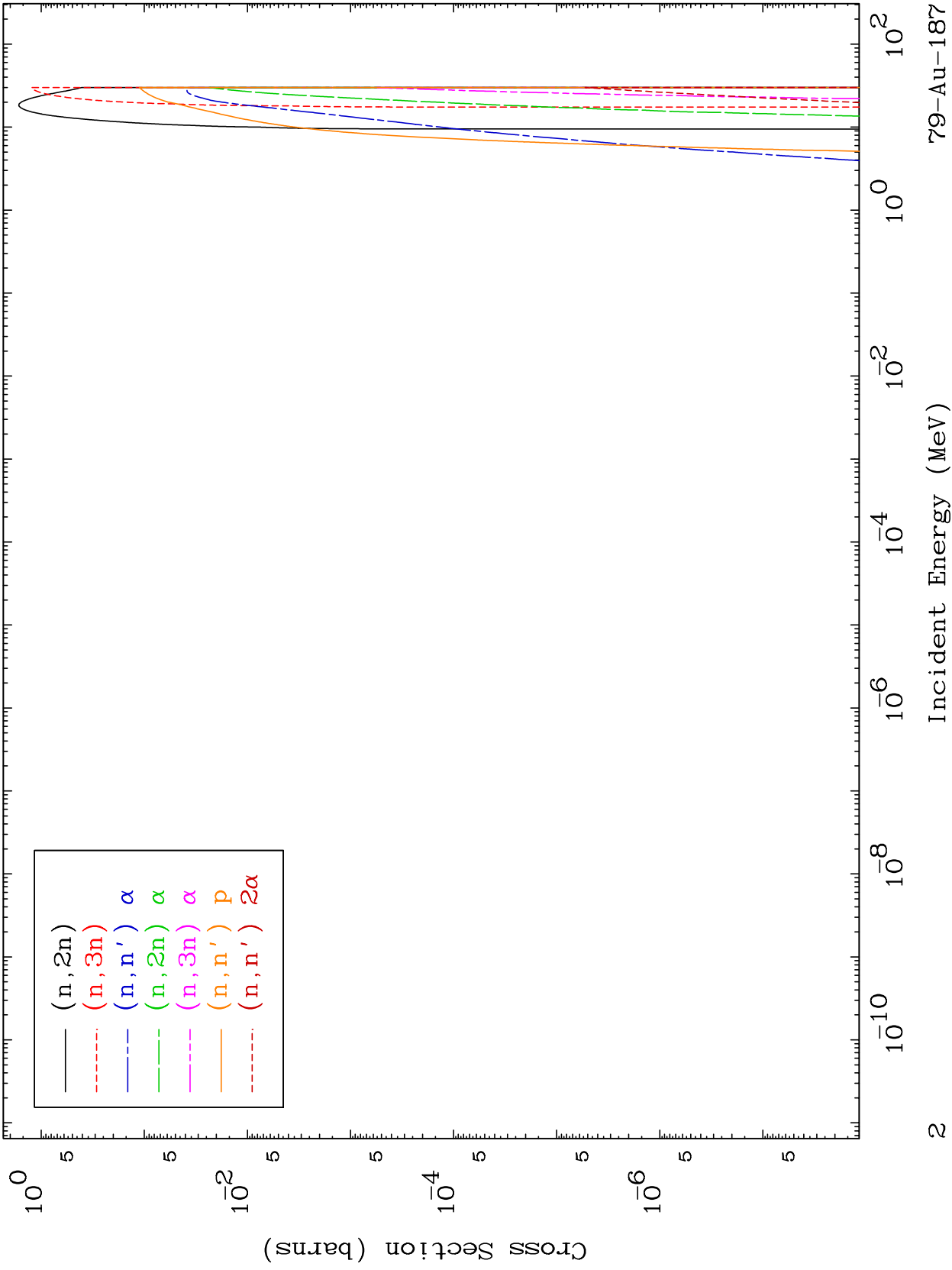
79-Au-187



MAT 7895

Neutron Production
293 Kelvin Cross Sections

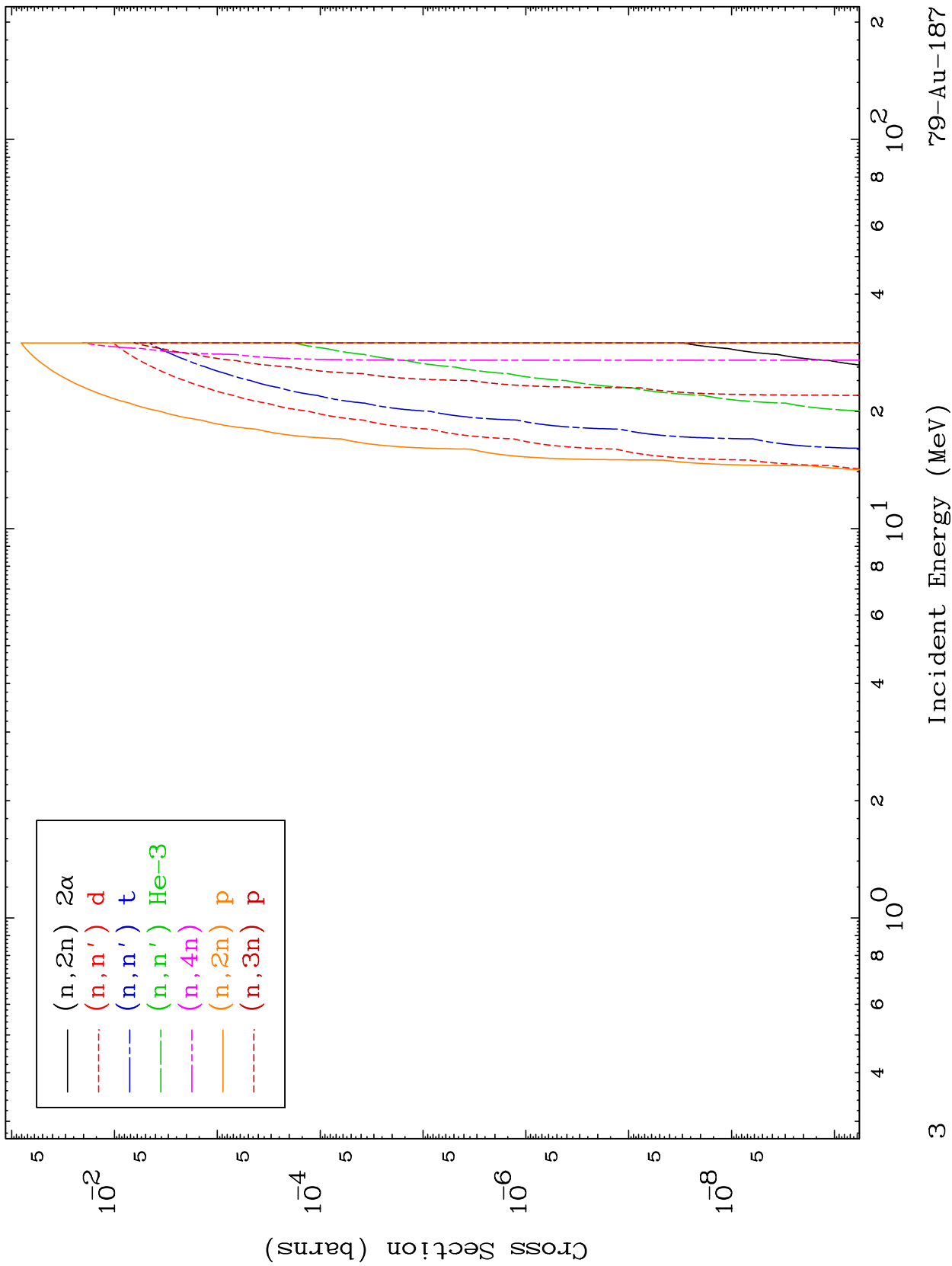
79-Au-187



MAT 7895

Neutron Production
293 Kelvin Cross Sections

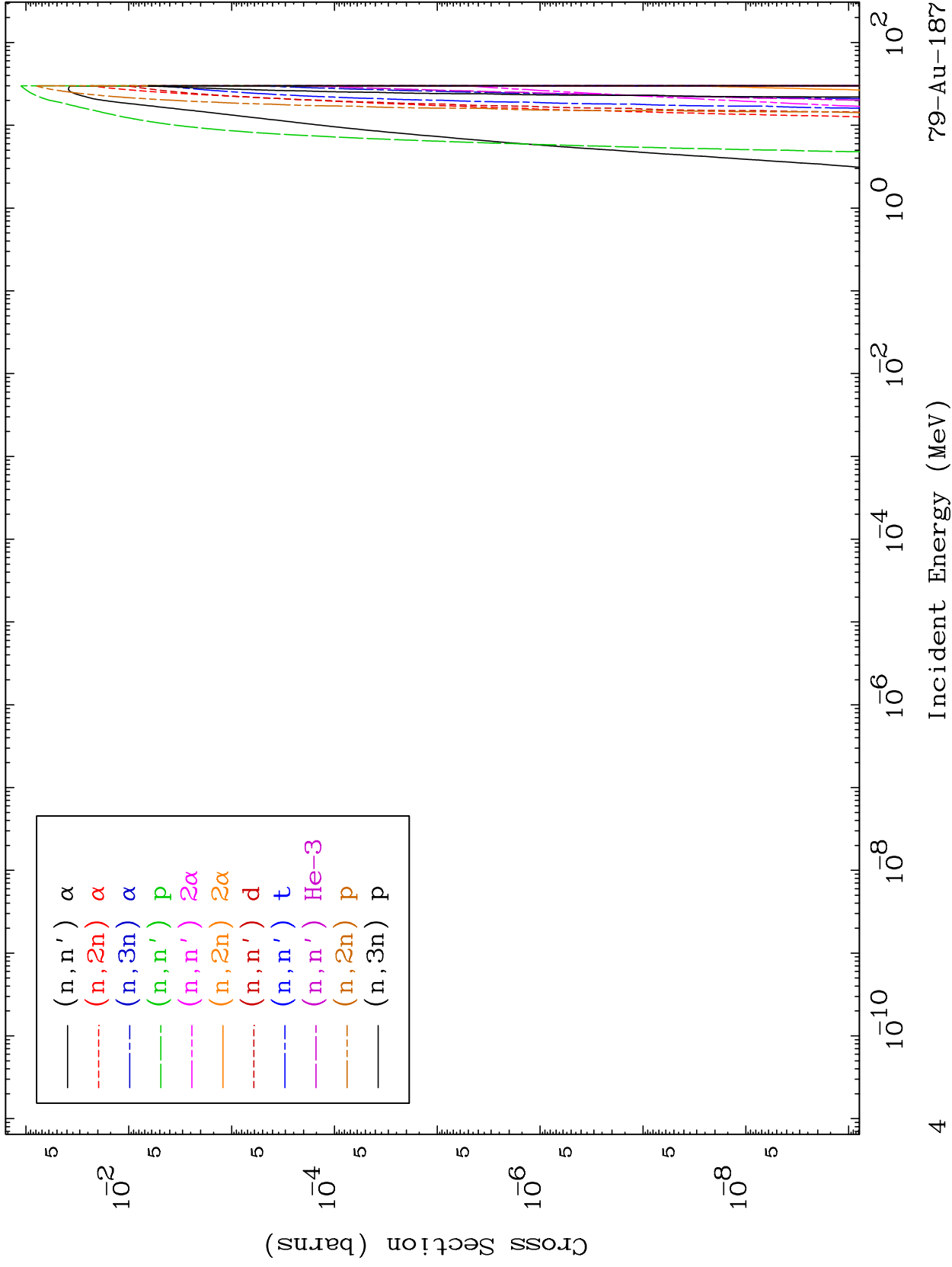
79-Au-187



MAT 7895

Charged Particle
293 Kelvin Cross Sections

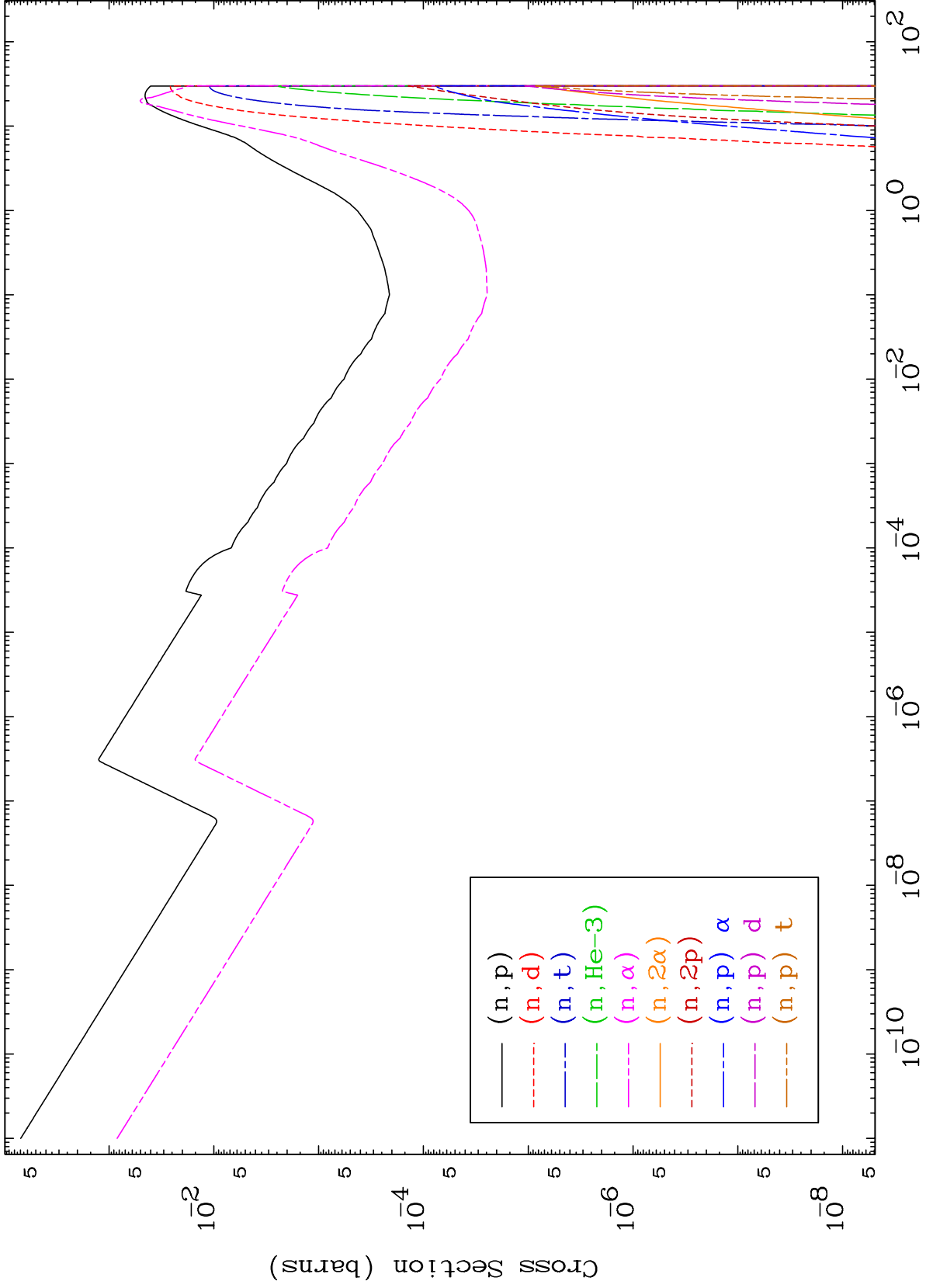
79-Au-187



MAT 7895

Charged Particle
293 Kelvin Cross Sections

79-Au-187



5

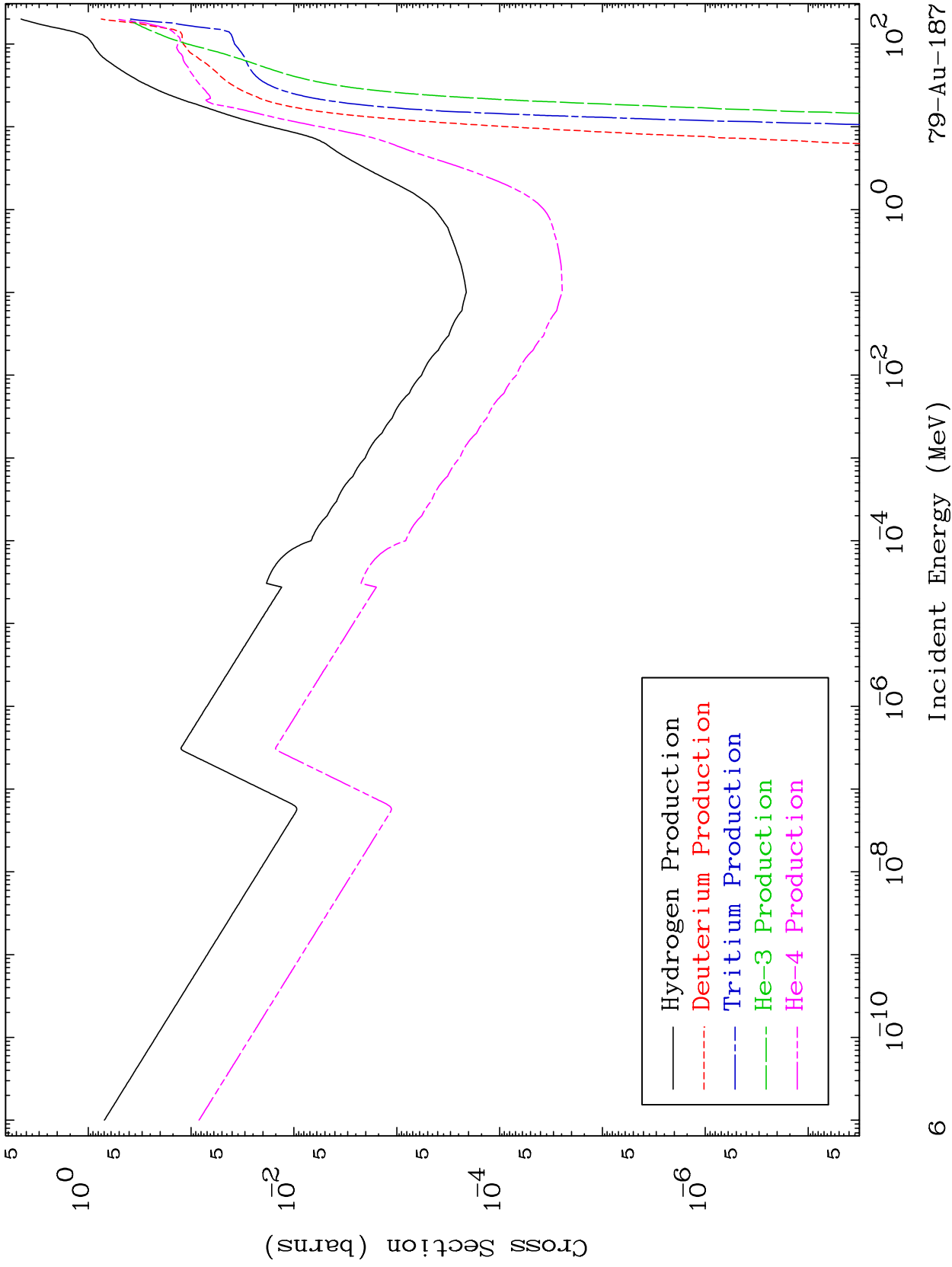
Incident Energy (MeV)

79-Au-187

MAT 7895

Particle Production
293 Kelvin Cross Sections

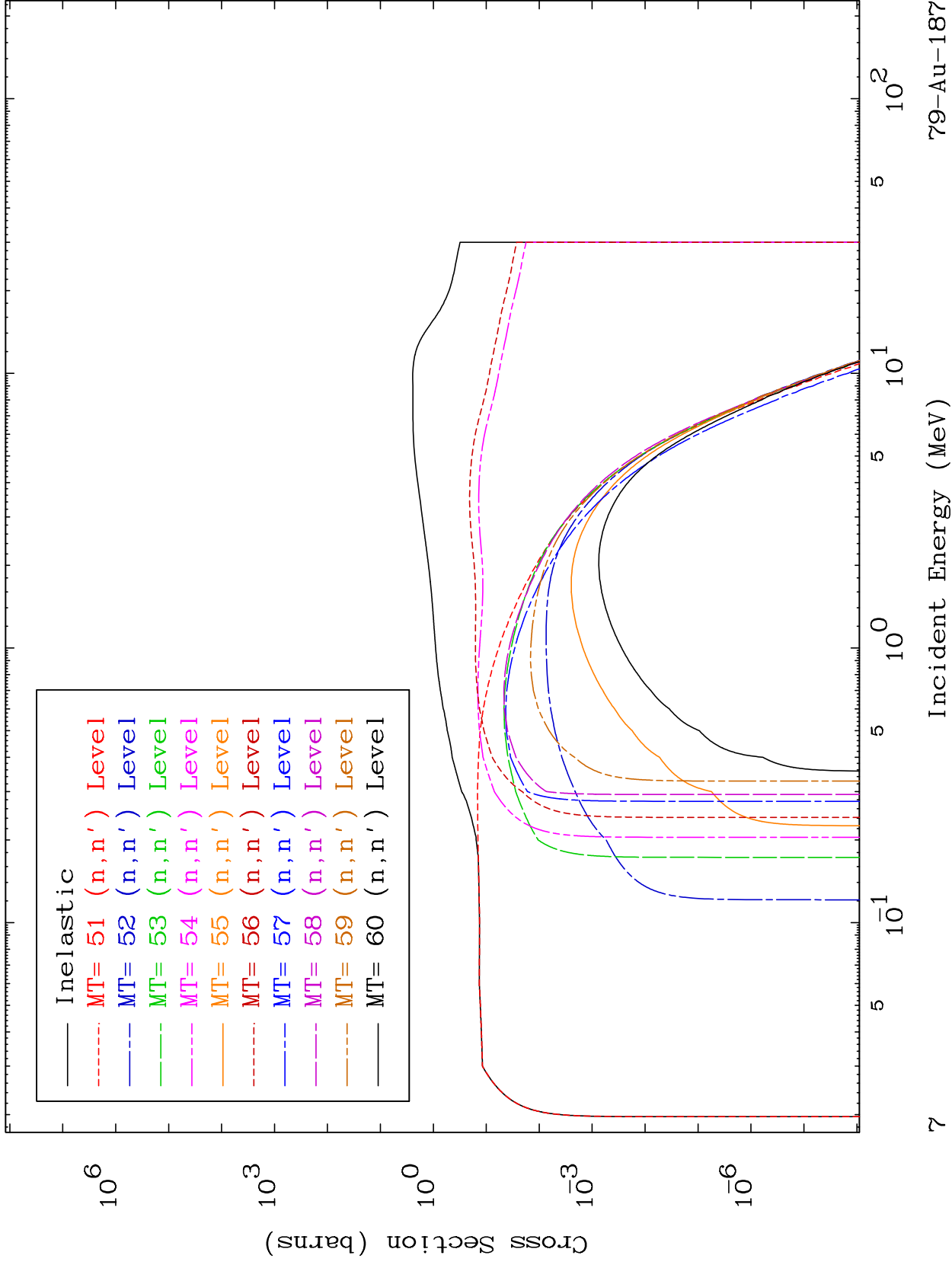
79-Au-187



MAT 7895

(n,n') Level
293 Kelvin Cross Sections

79-Au-187

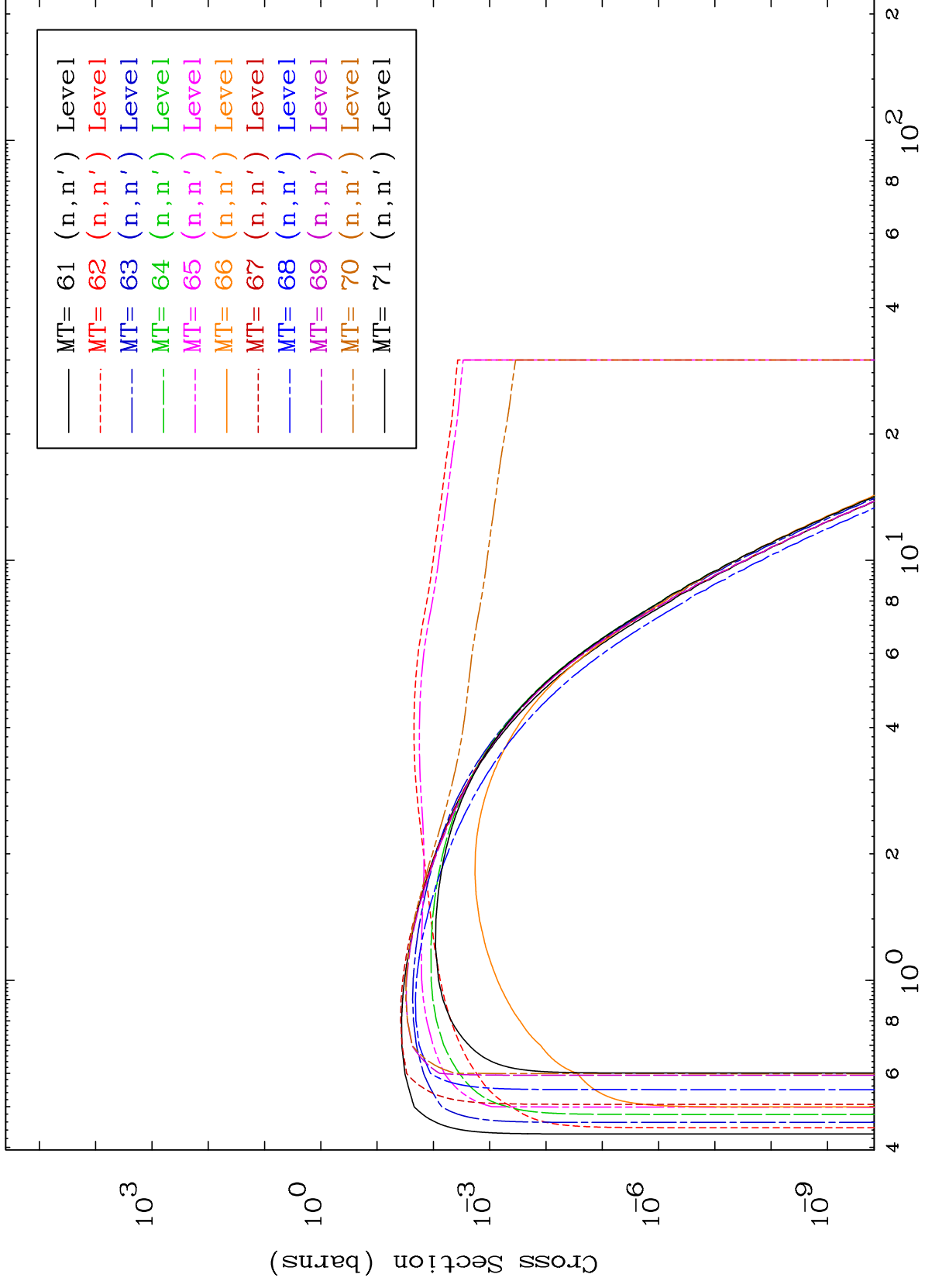


MAT 7895

(n,n') Level

79-Au-187

293 Kelvin Cross Sections



8

Incident Energy (MeV)

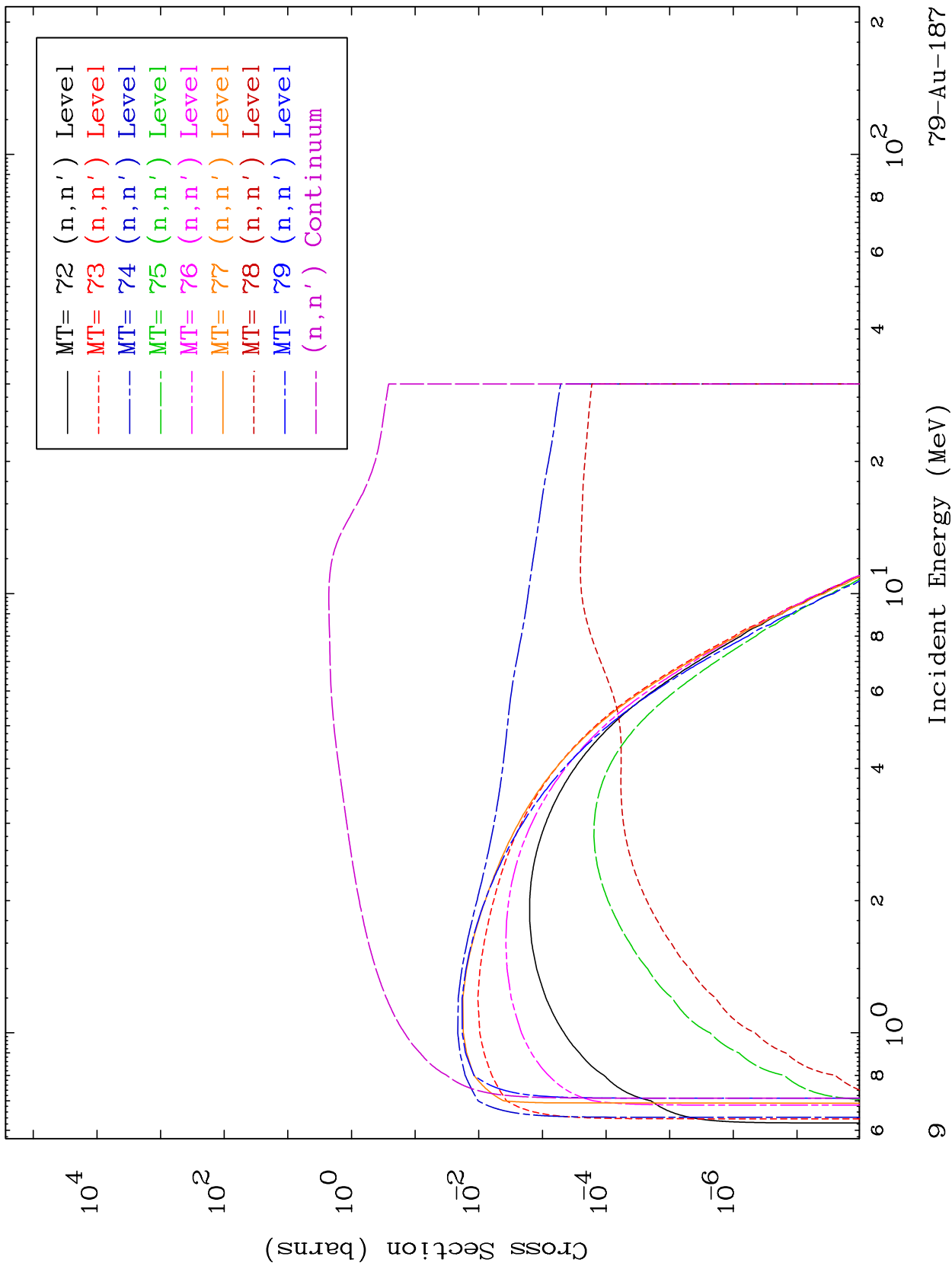
79-Au-187

MAT 7895

(n,n') Level

79-Au-187

293 Kelvin Cross Sections



9

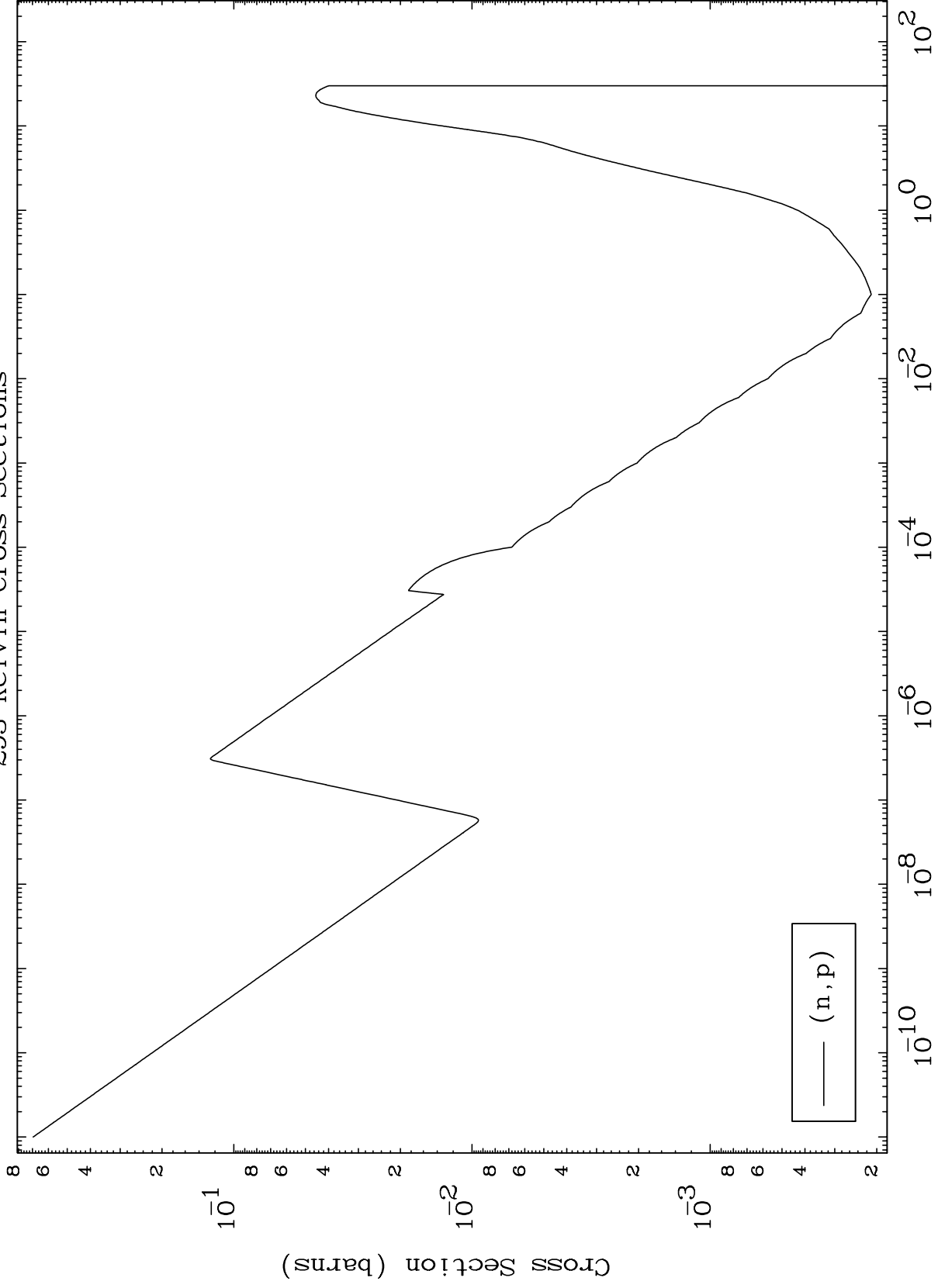
Incident Energy (MeV)

79-Au-187

MAT 7895

(n,p) Levels
293 Kelvin Cross Sections

79-Au-187



10

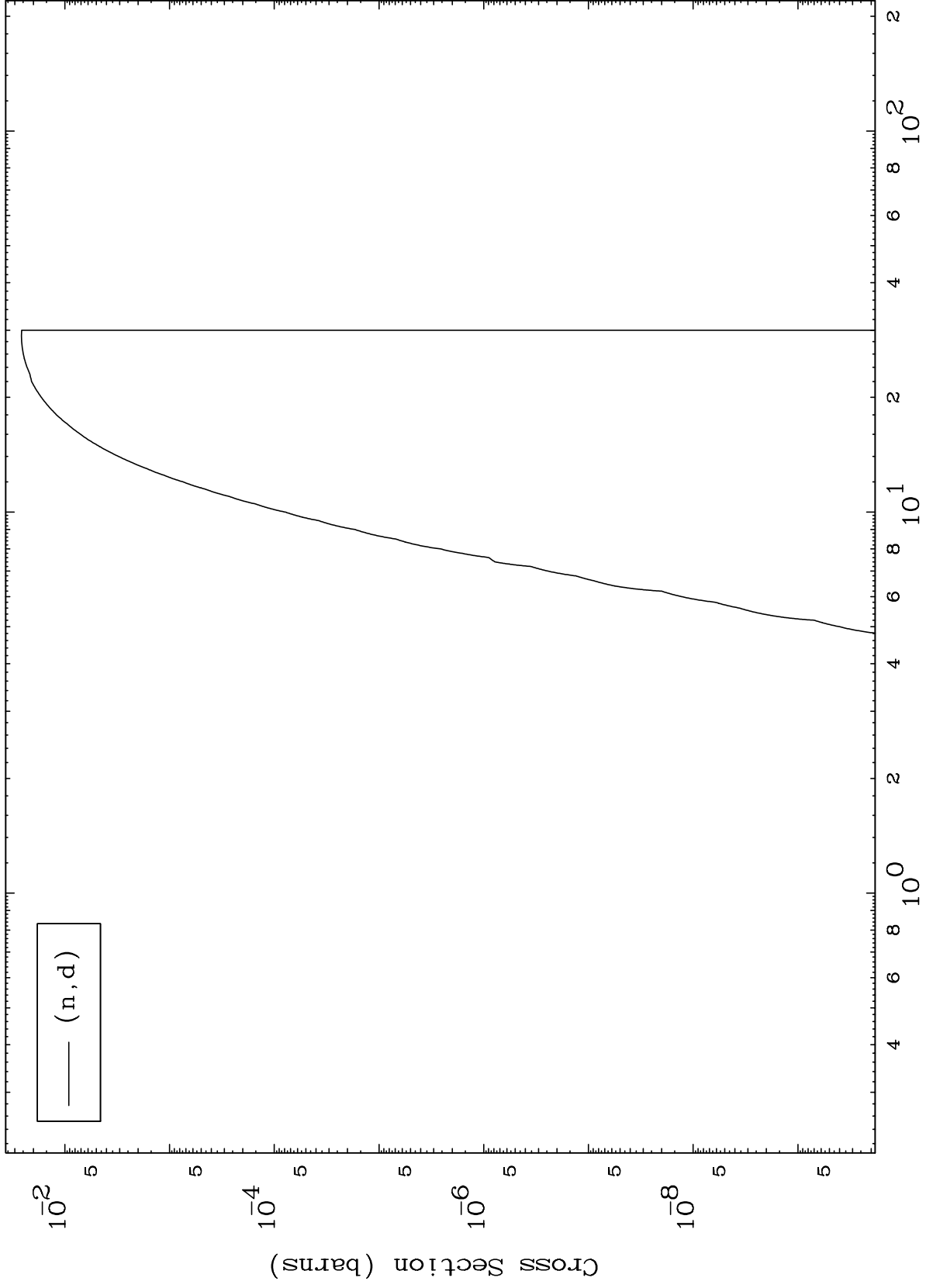
Incident Energy (MeV)

79-Au-187

MAT 7895

(n,d) Levels
293 Kelvin Cross Sections

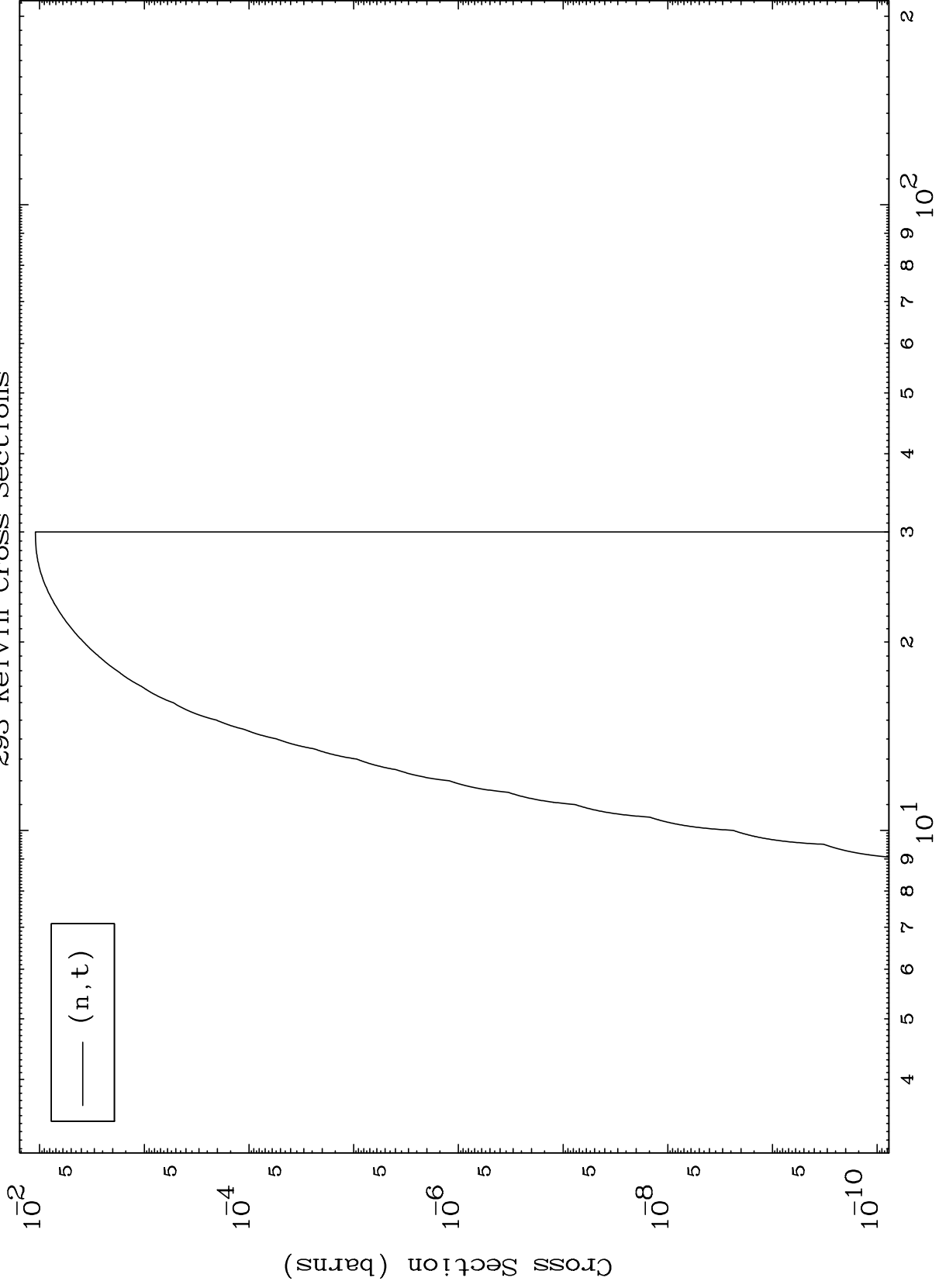
79-Au-187



MAT 7895

(n,t) Levels
293 Kelvin Cross Sections

79-Au-187



12

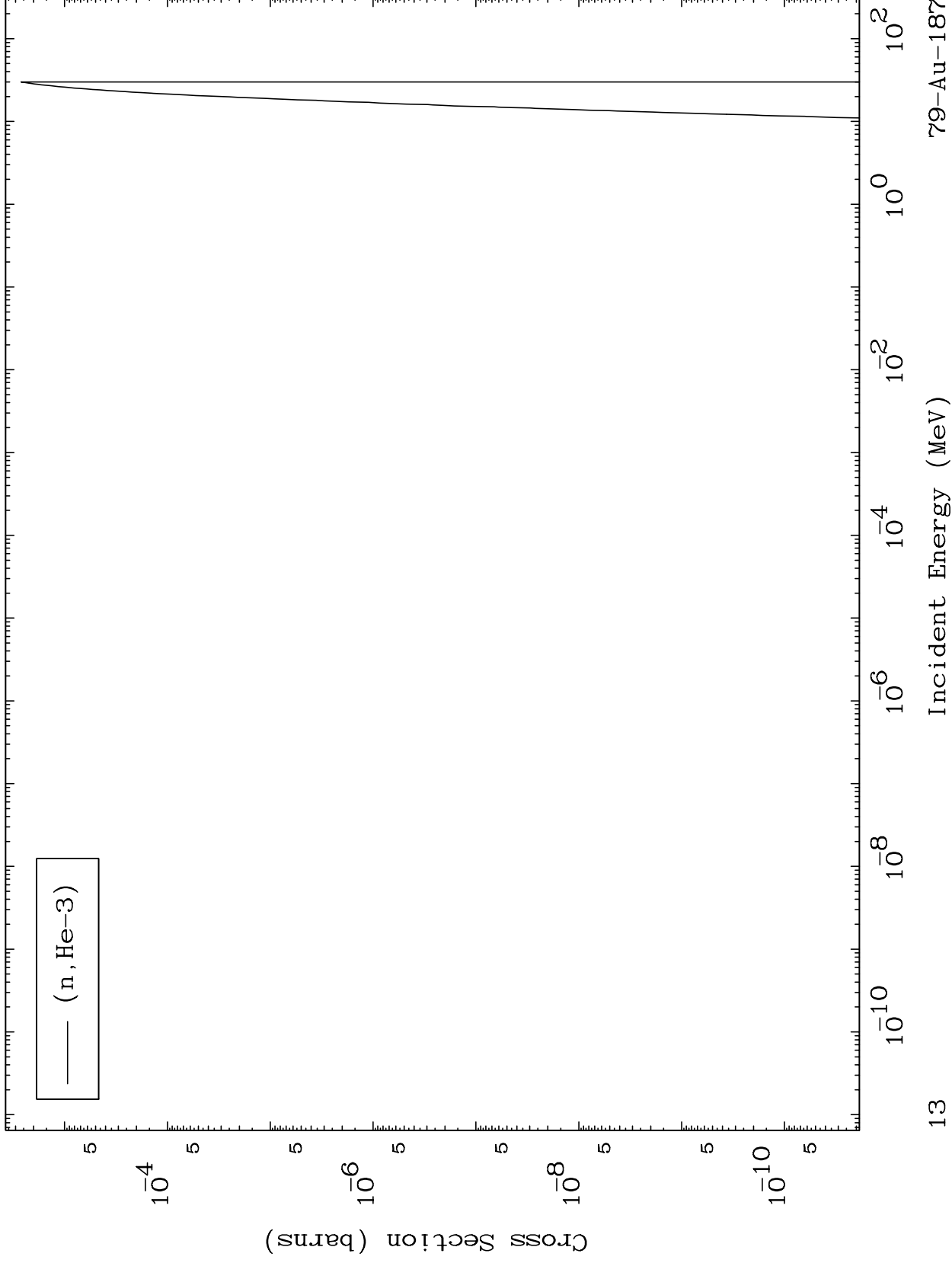
Incident Energy (MeV)

79-Au-187

MAT 7895

(n,He3) Levels
293 Kelvin Cross Sections

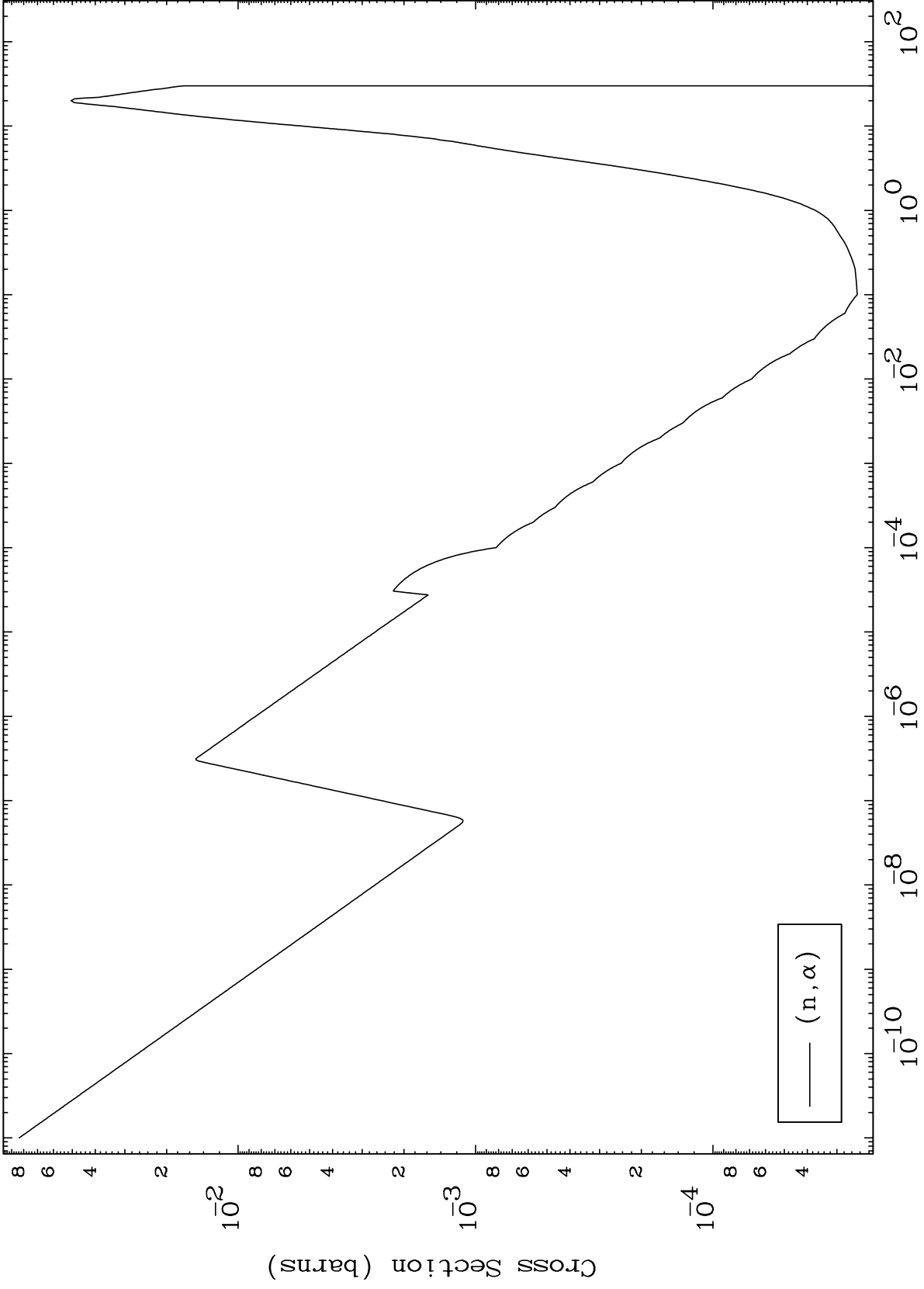
79-Au-187



MAT 7895

(n,α) Levels
293 Kelvin Cross Sections

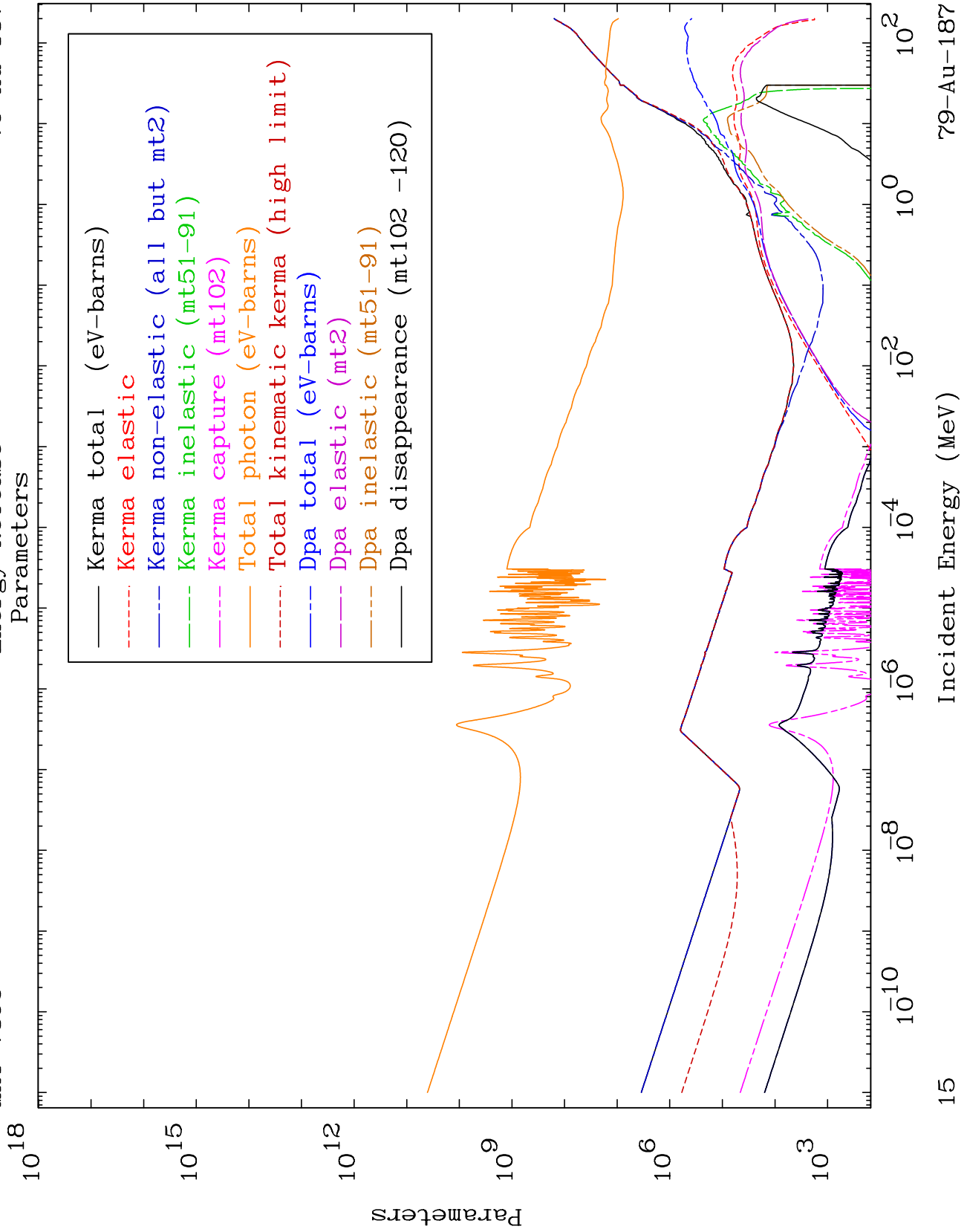
79-Au-187



14

Incident Energy (MeV)

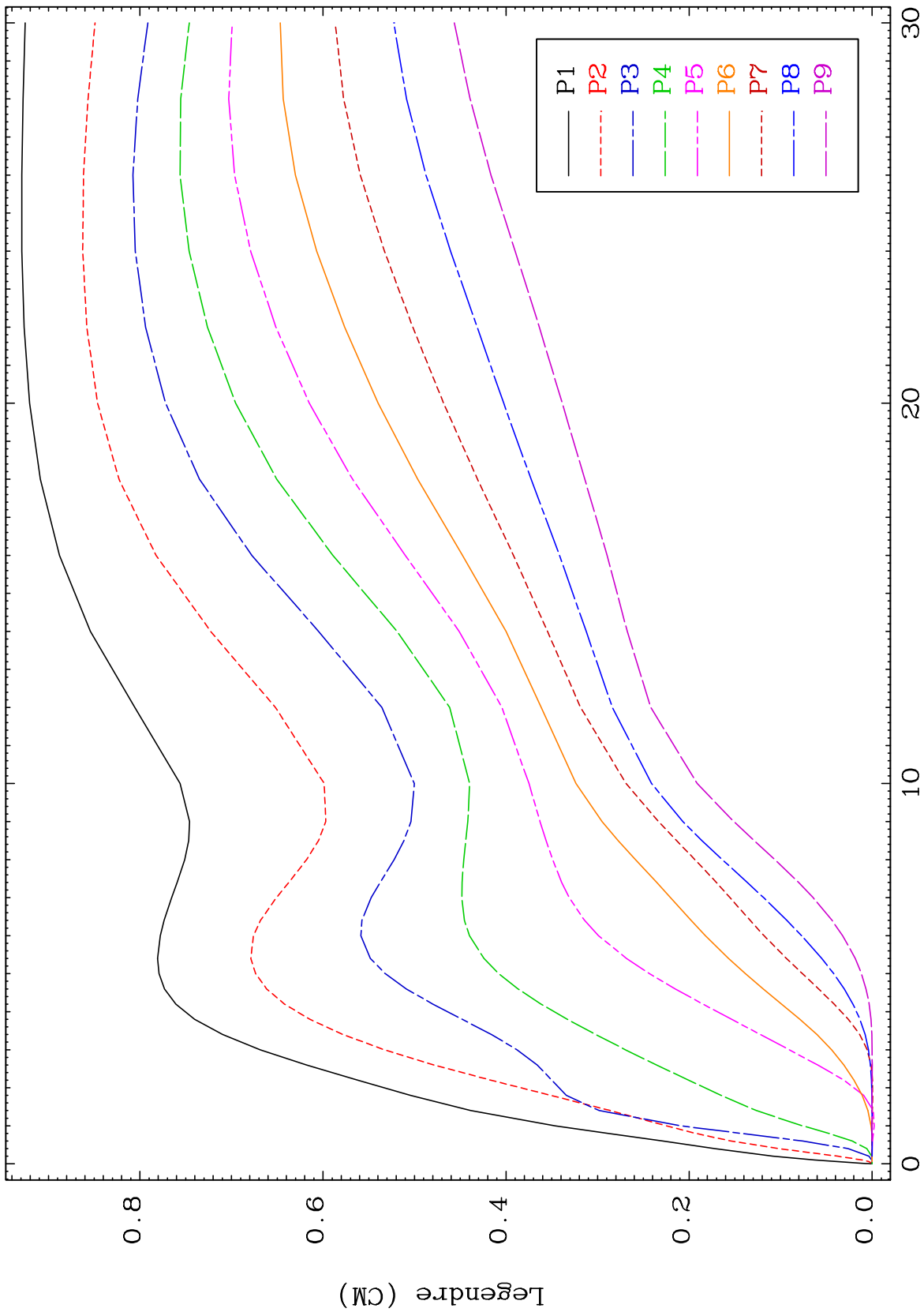
79-Au-187



MAT 7895

79-Au-187

Elastic Legendre Coefficients



79-Au-187

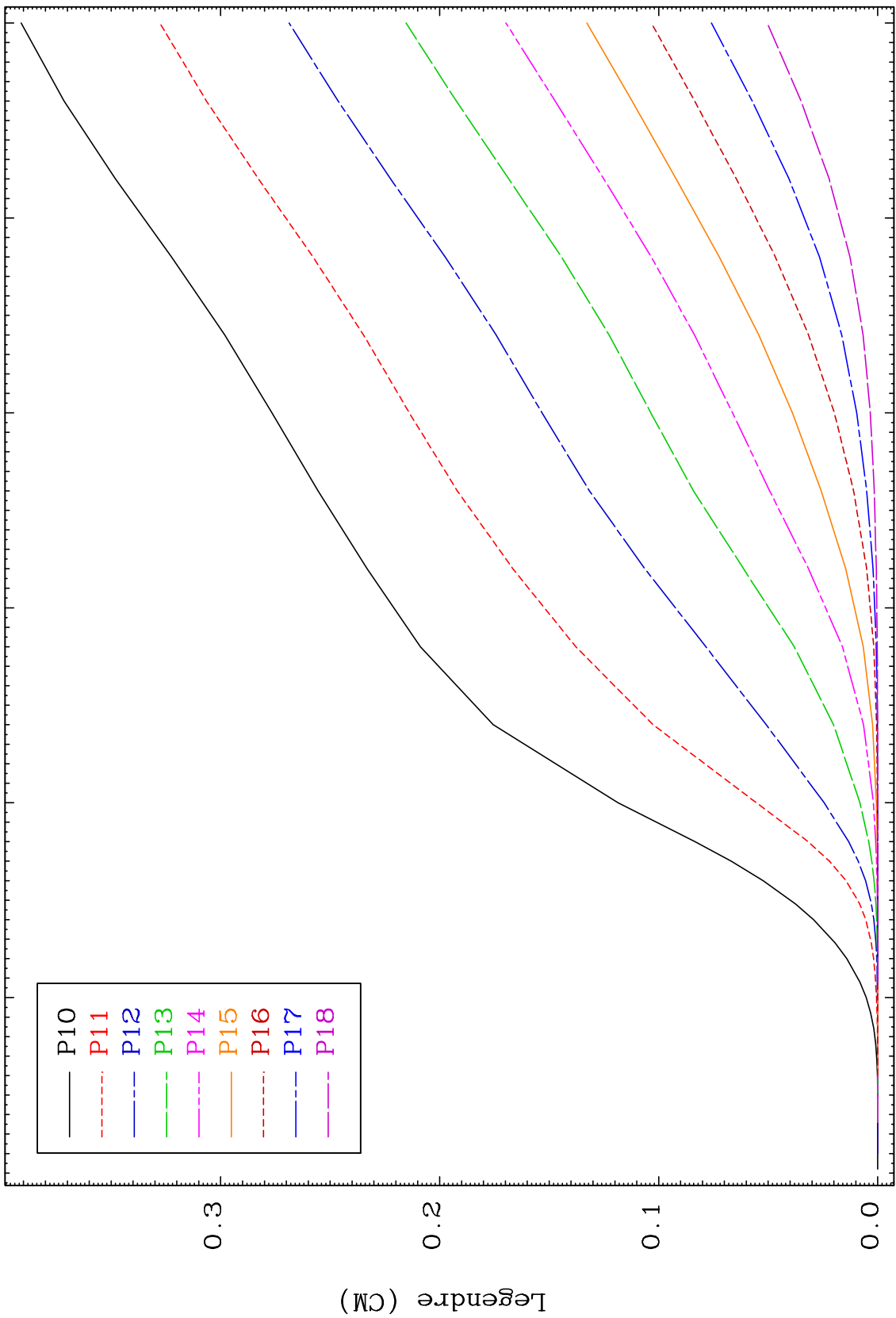
Incident Energy (MeV)

16

MAT 7895

Elastic Legendre Coefficients

⁷⁹Au-¹⁸⁷



17

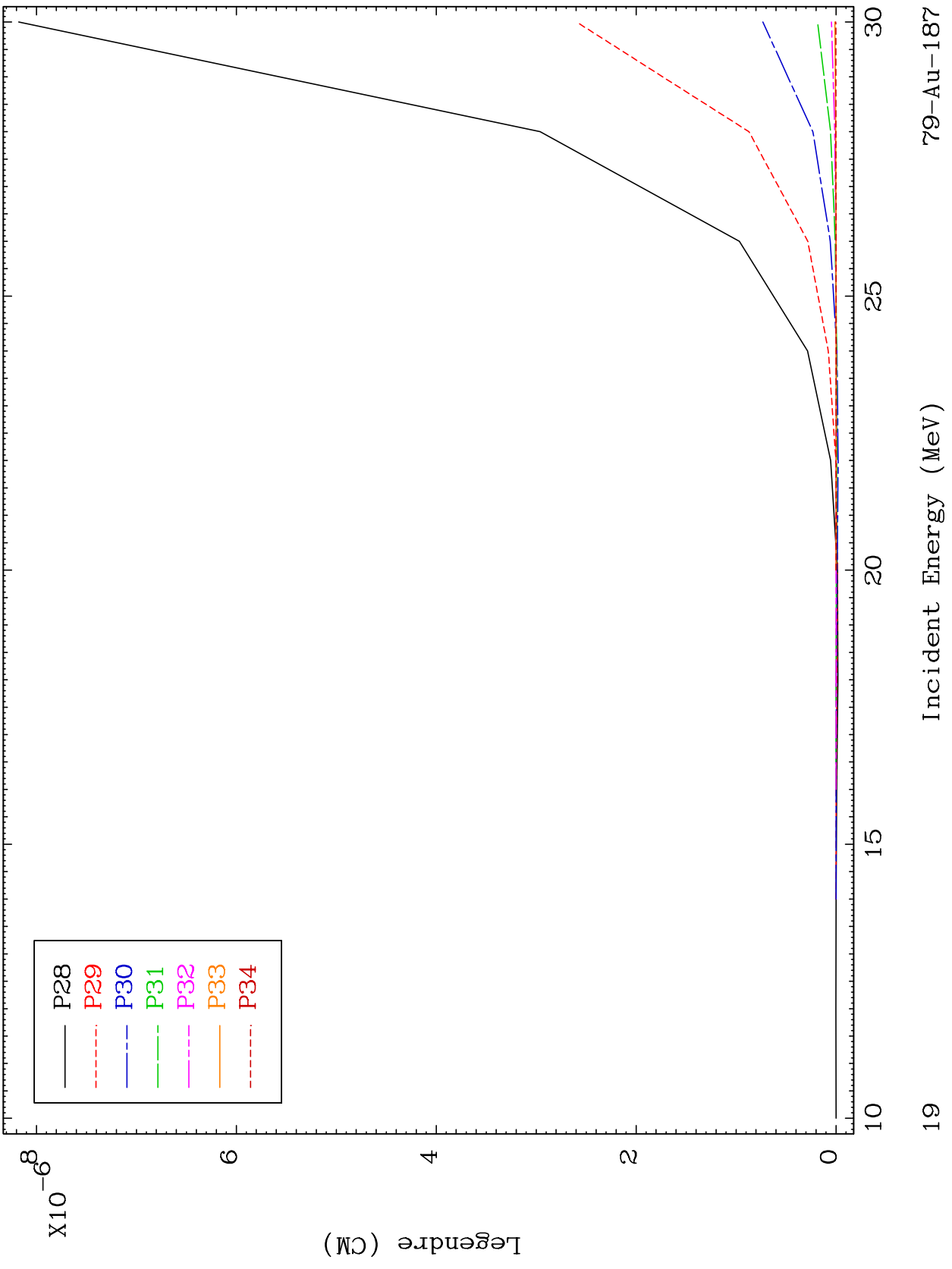
Incident Energy (MeV)

⁷⁹Au-¹⁸⁷

MAT 7895

Elastic Legendre Coefficients

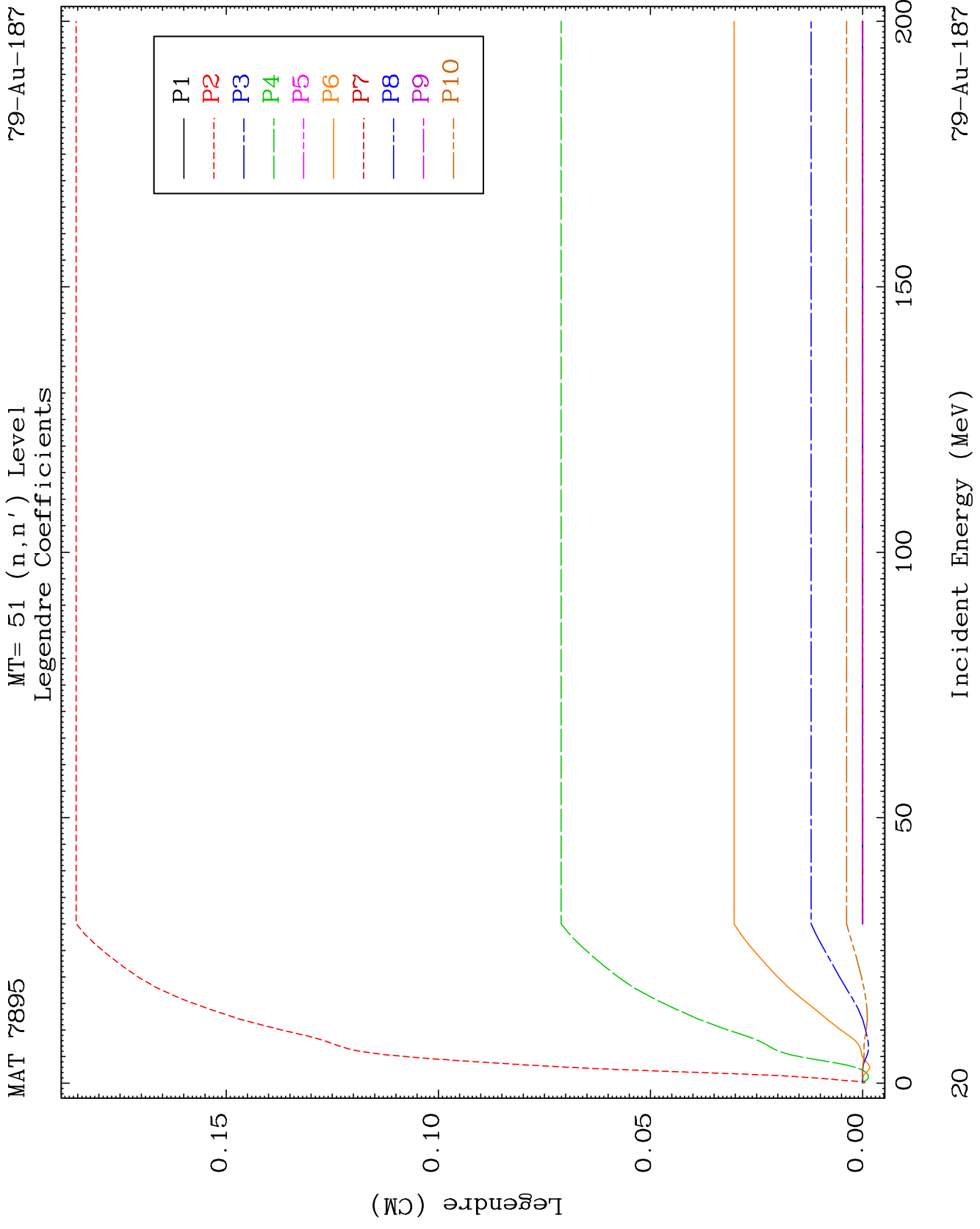
79-Au-187



19

Incident Energy (MeV)

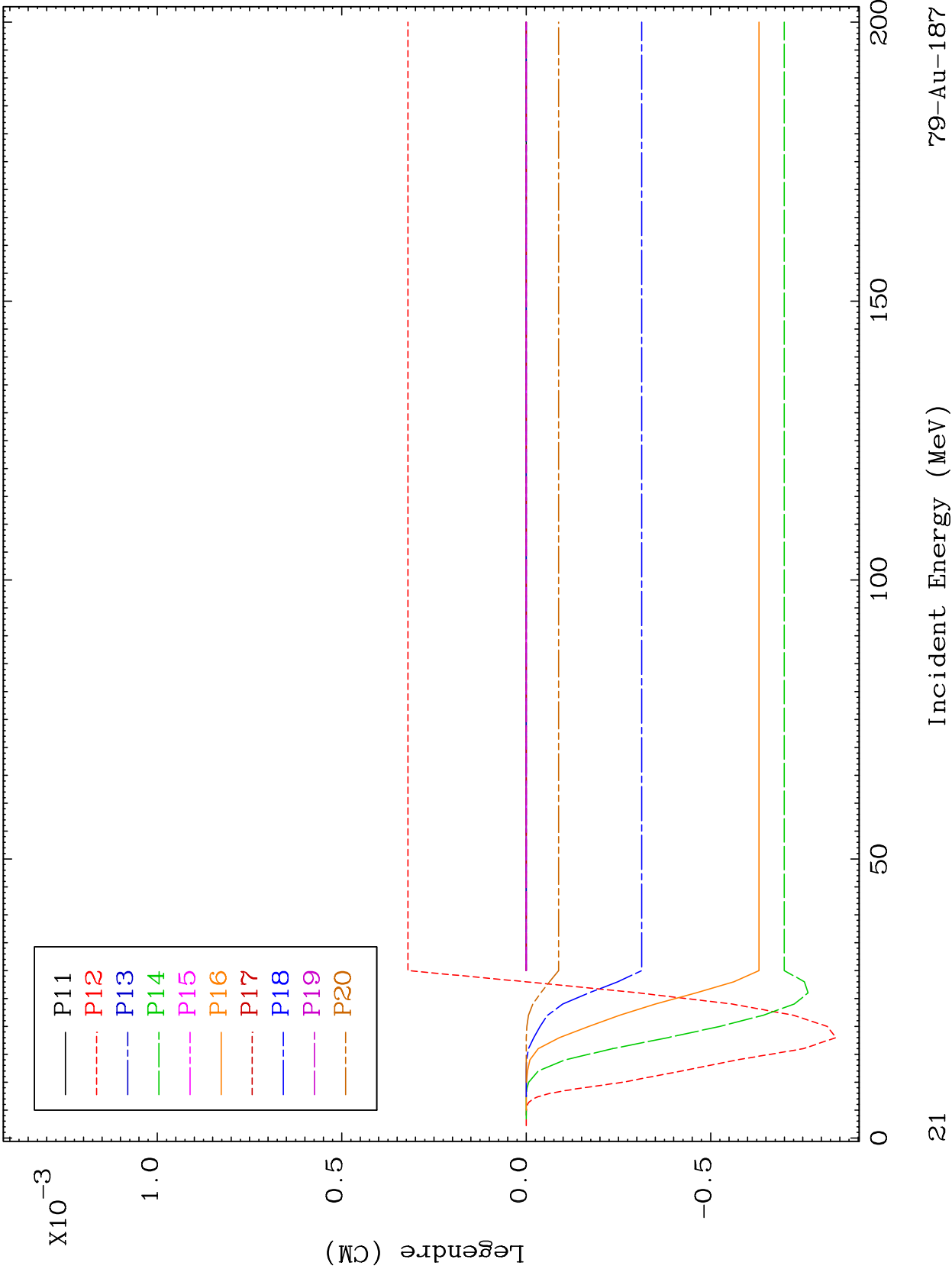
79-Au-187



MAT 7895

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

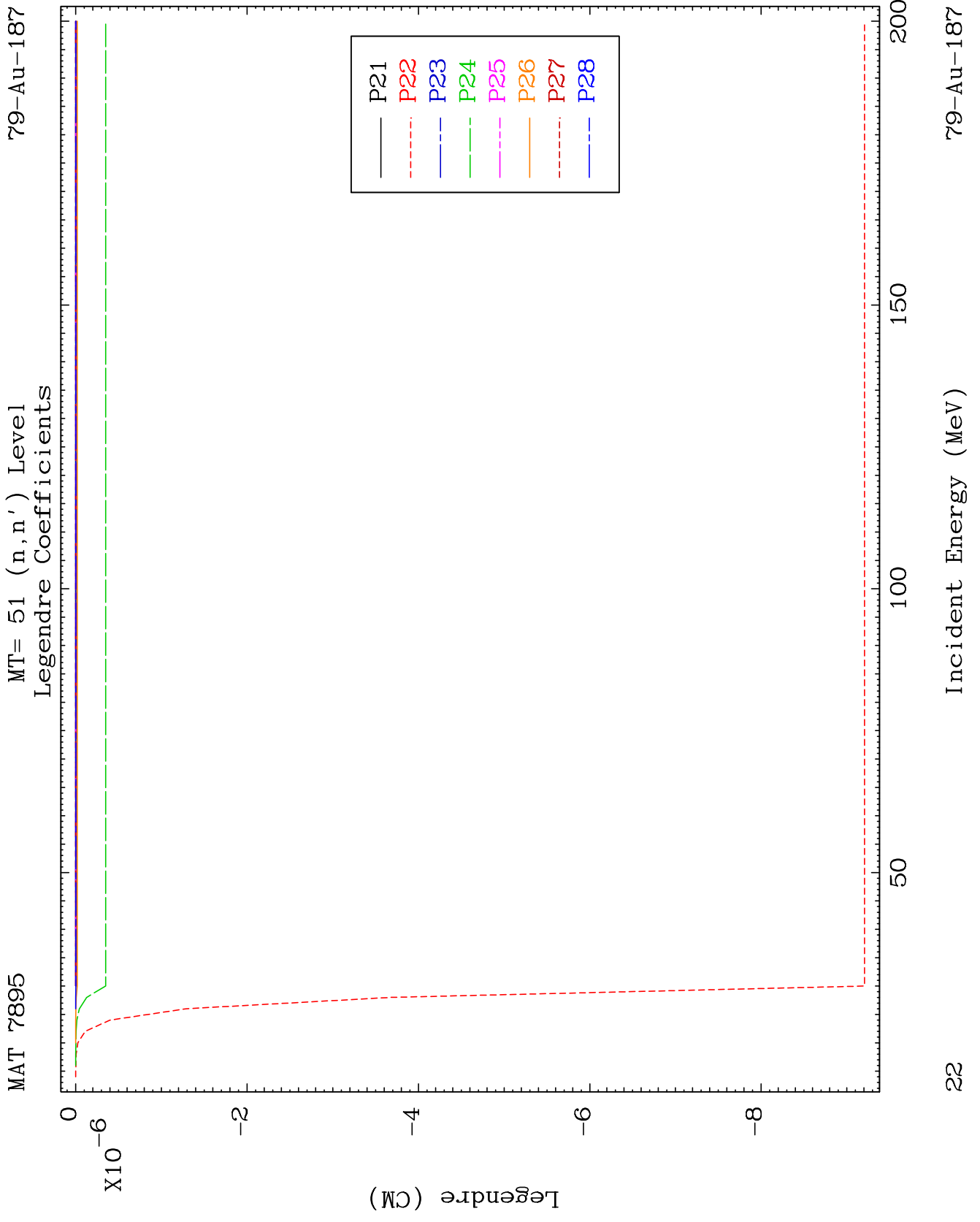
79-Au-187



21

Incident Energy (MeV)

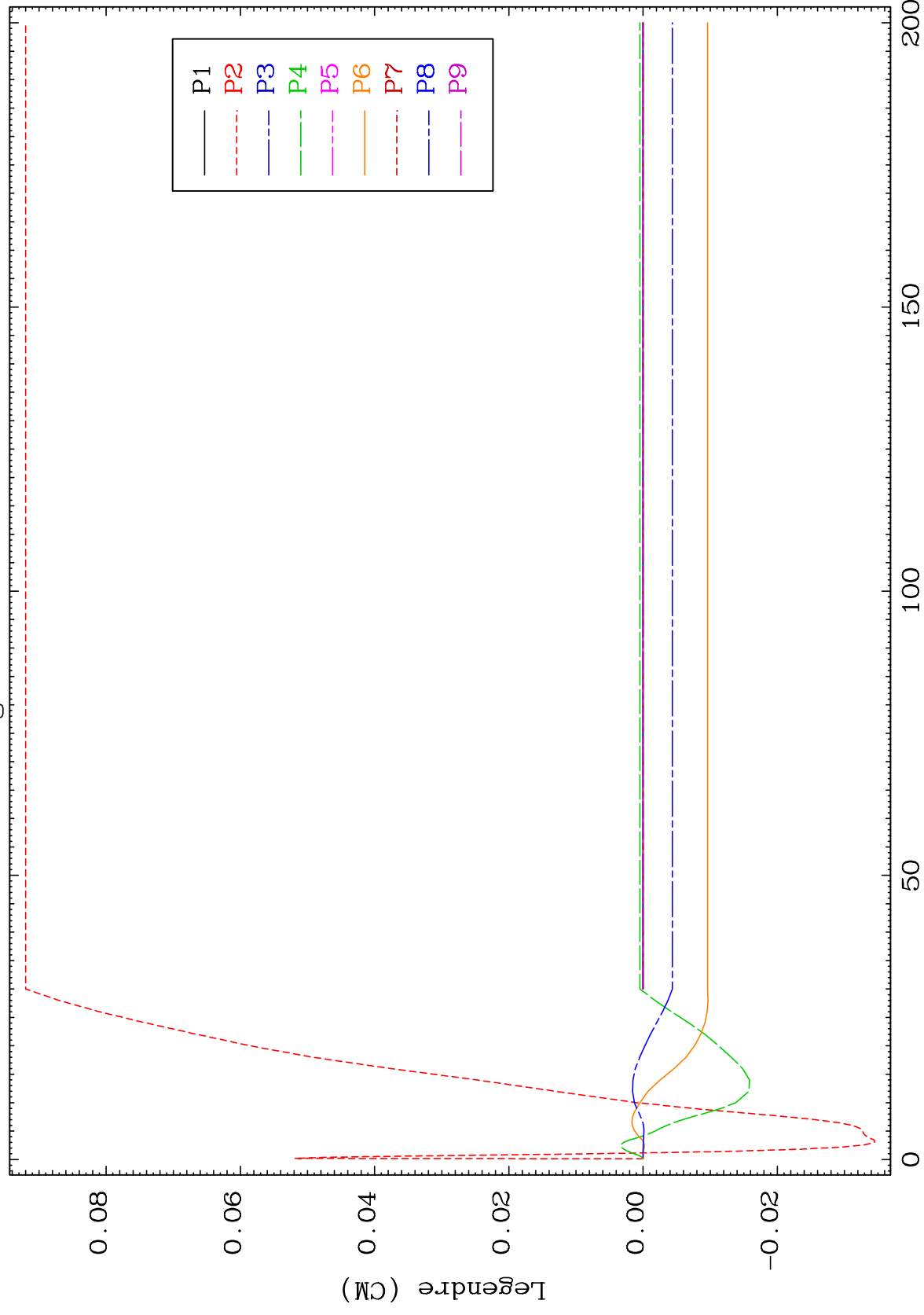
79-Au-187



MAT 7895

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

79-Au-187



79-Au-187

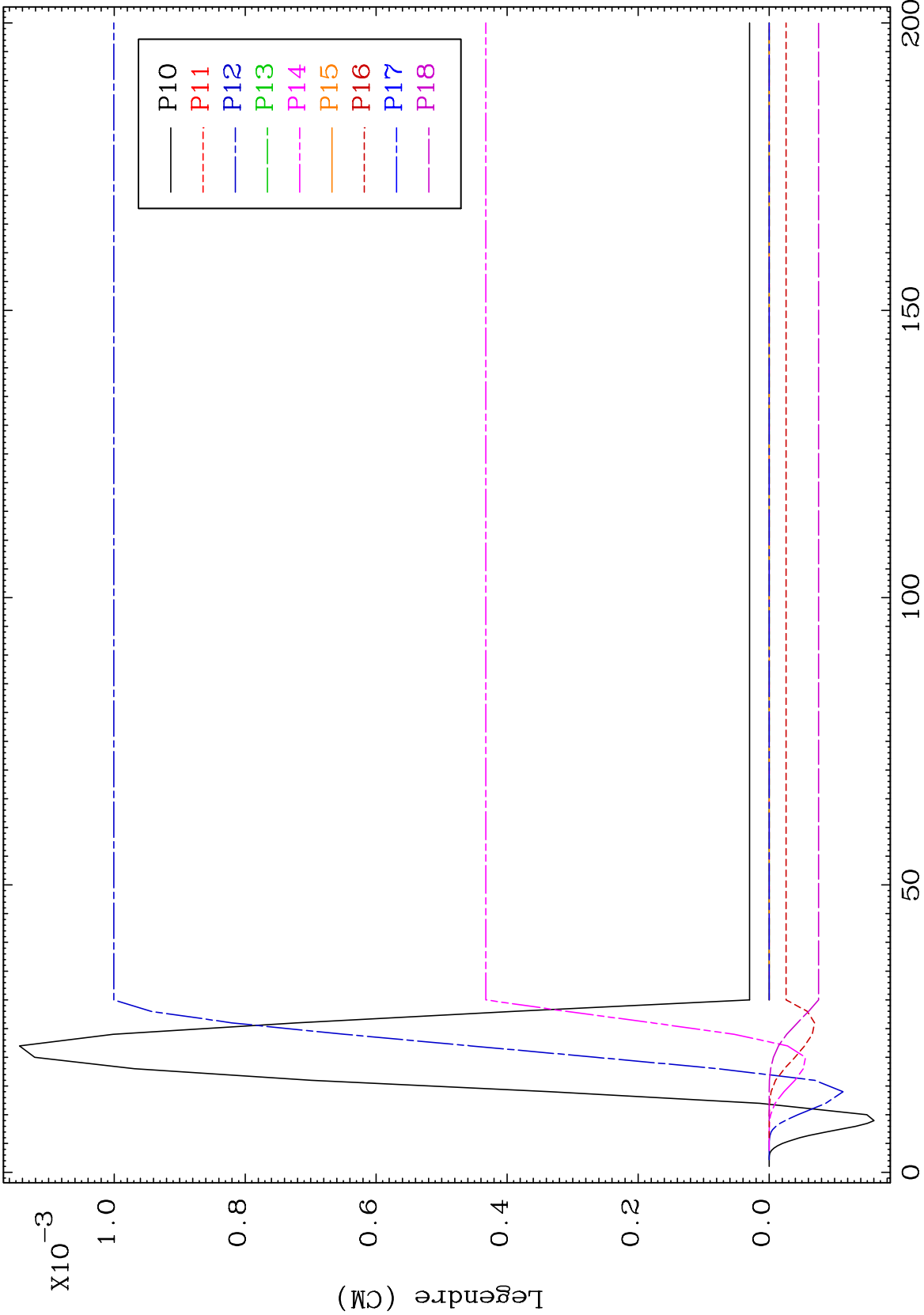
Incident Energy (MeV)

23

MAT 7895

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

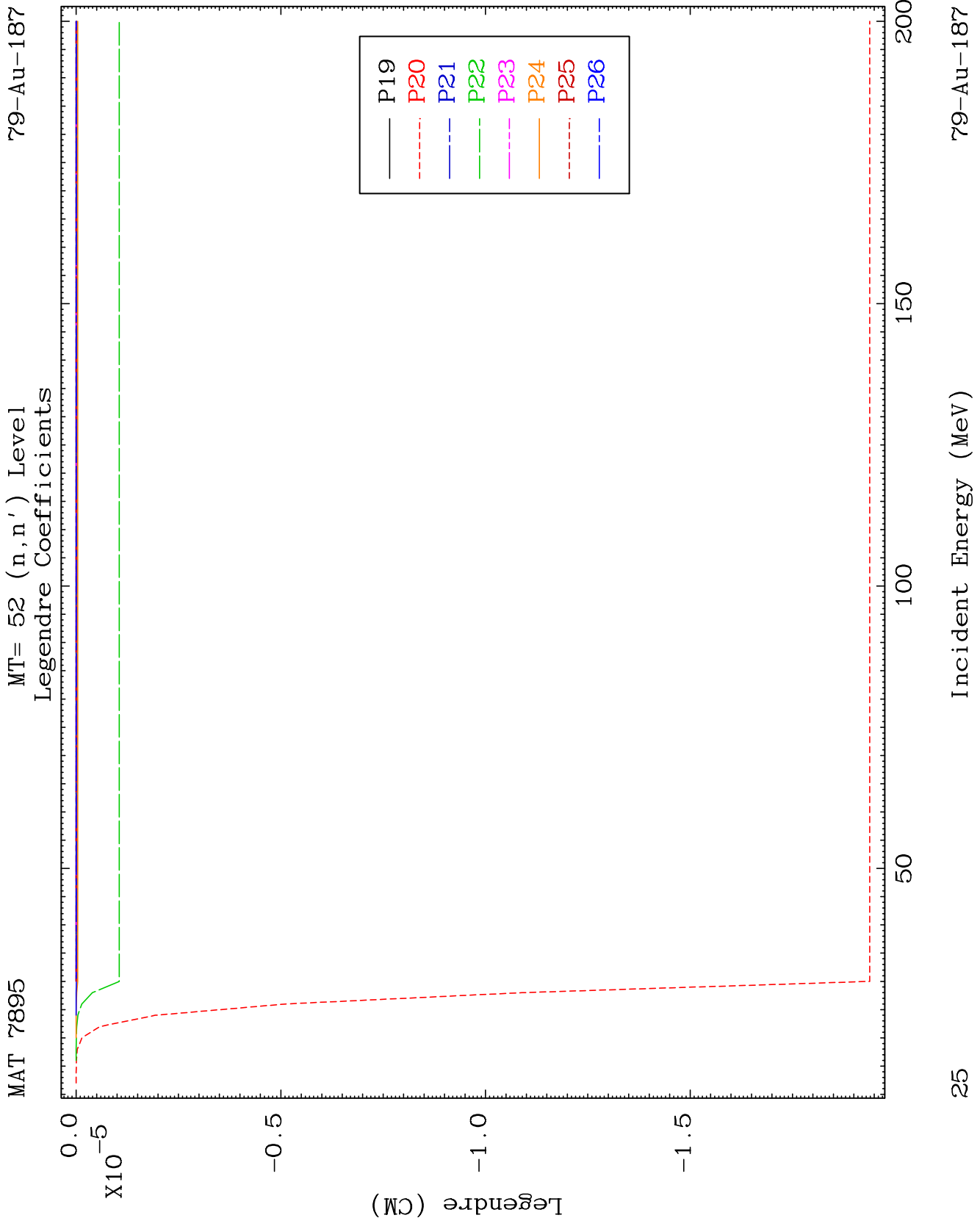
79-Au-187



24

Incident Energy (MeV)

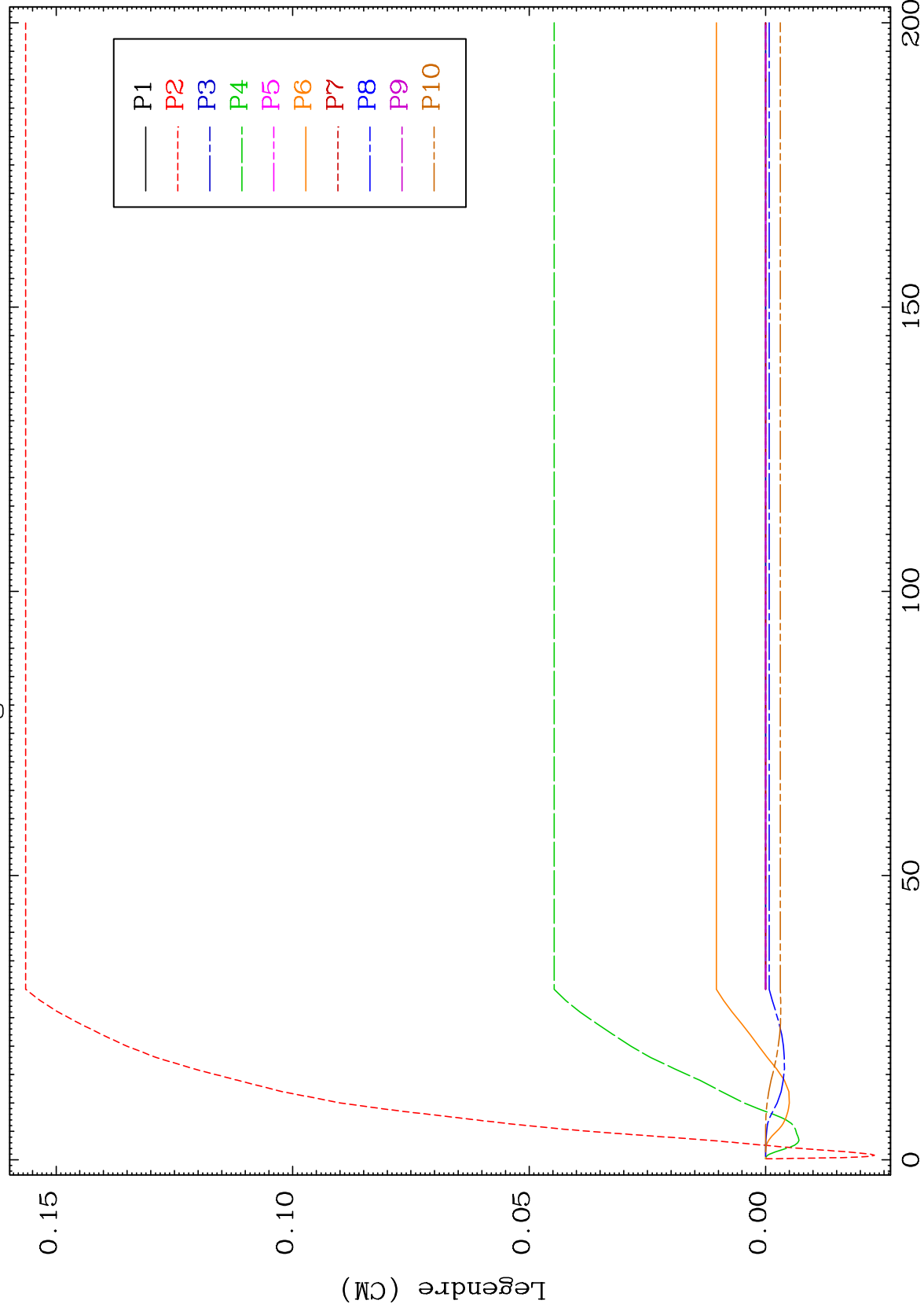
79-Au-187



MAT 7895

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

79-Au-187



26

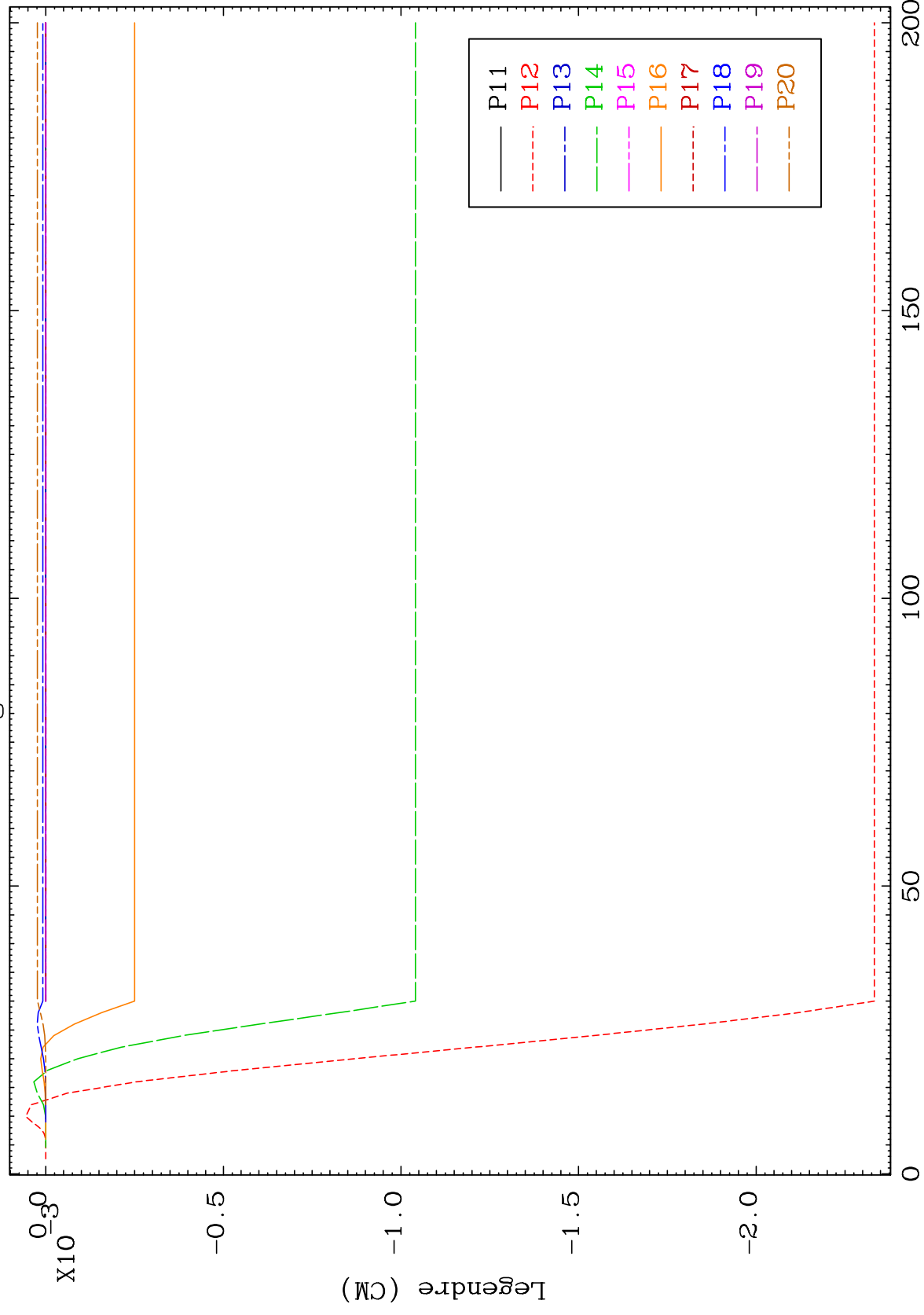
Incident Energy (MeV)

79-Au-187

MAT 7895

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

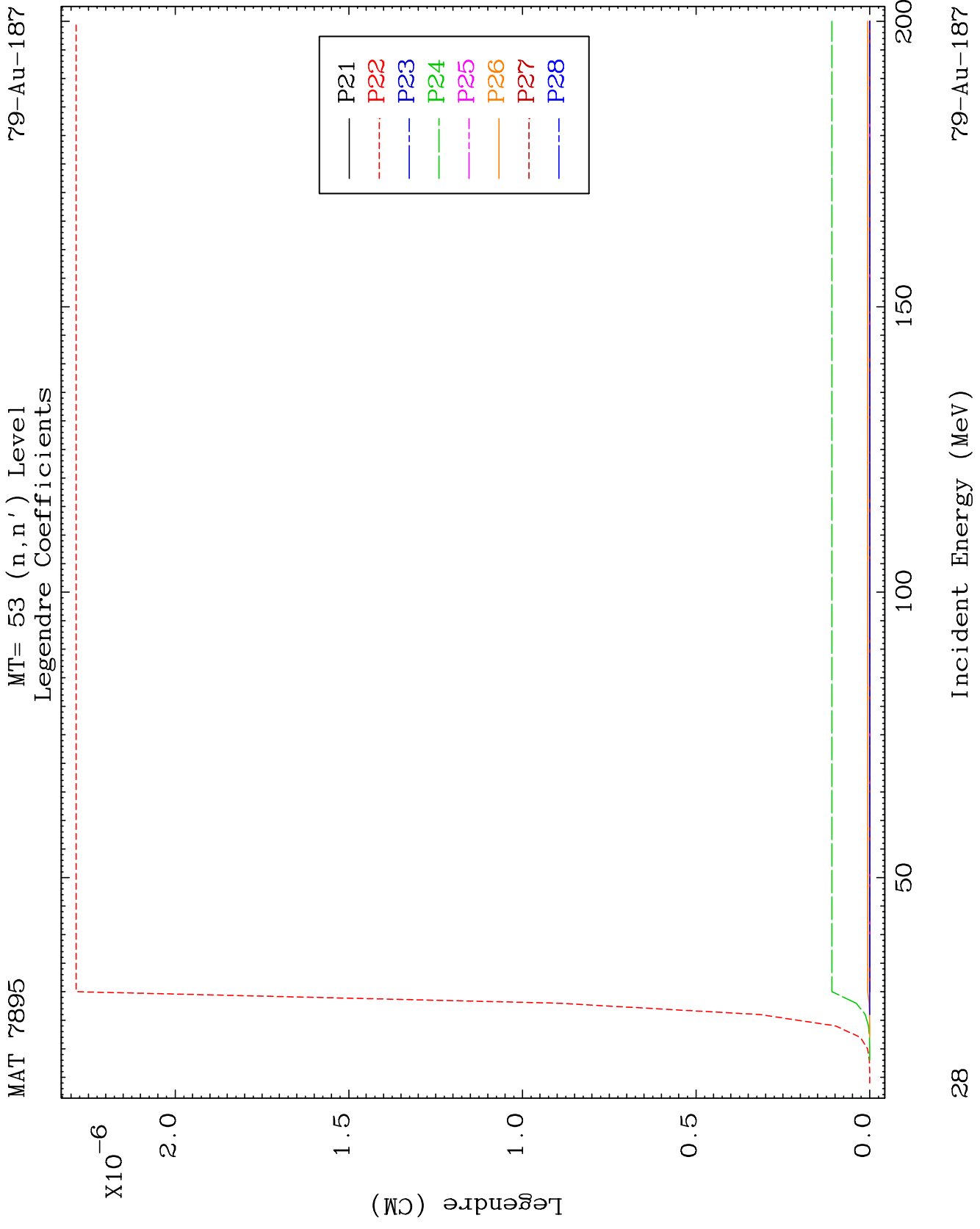
79-Au-187



27

Incident Energy (MeV)

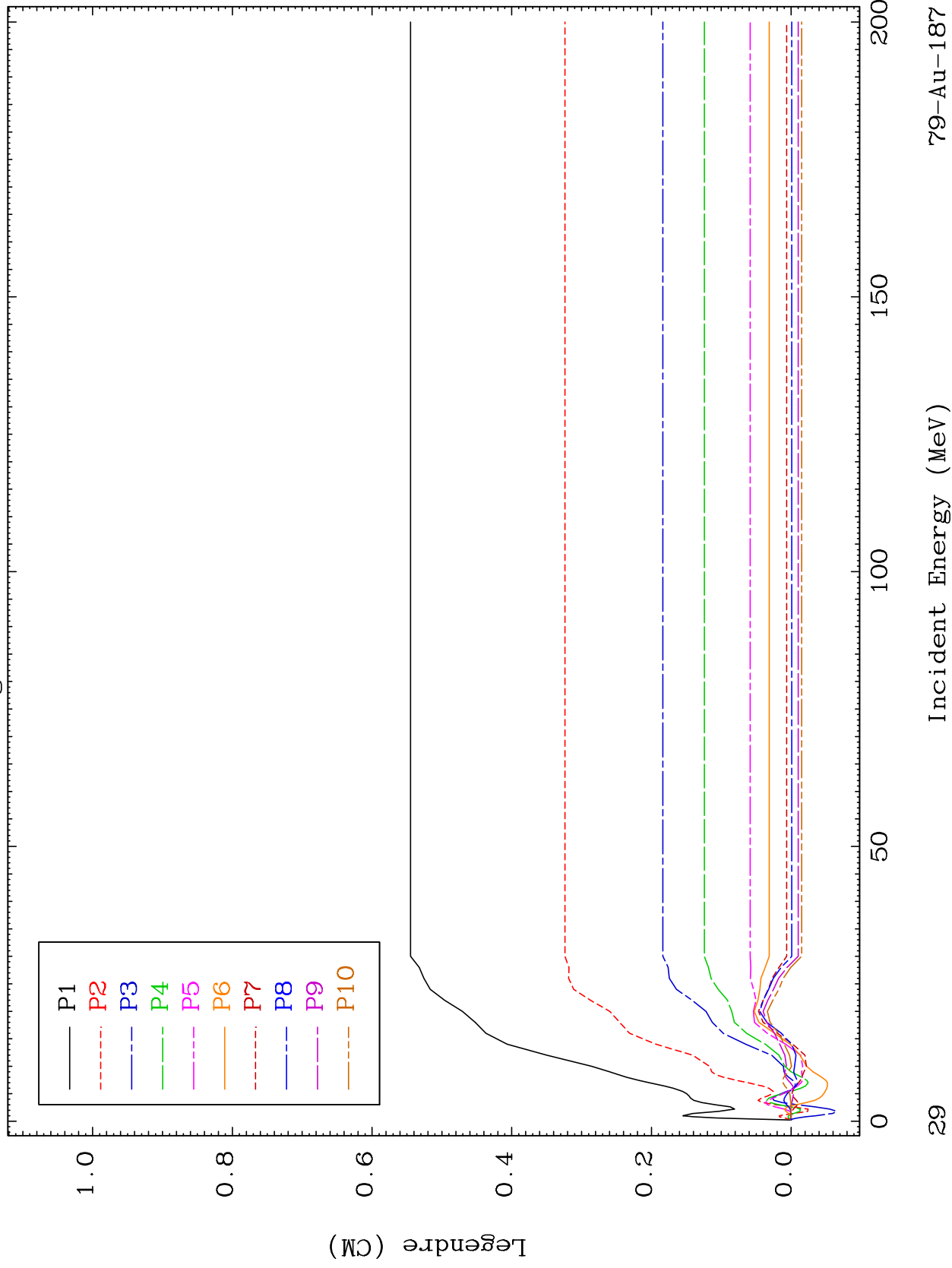
79-Au-187



MAT 7895

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

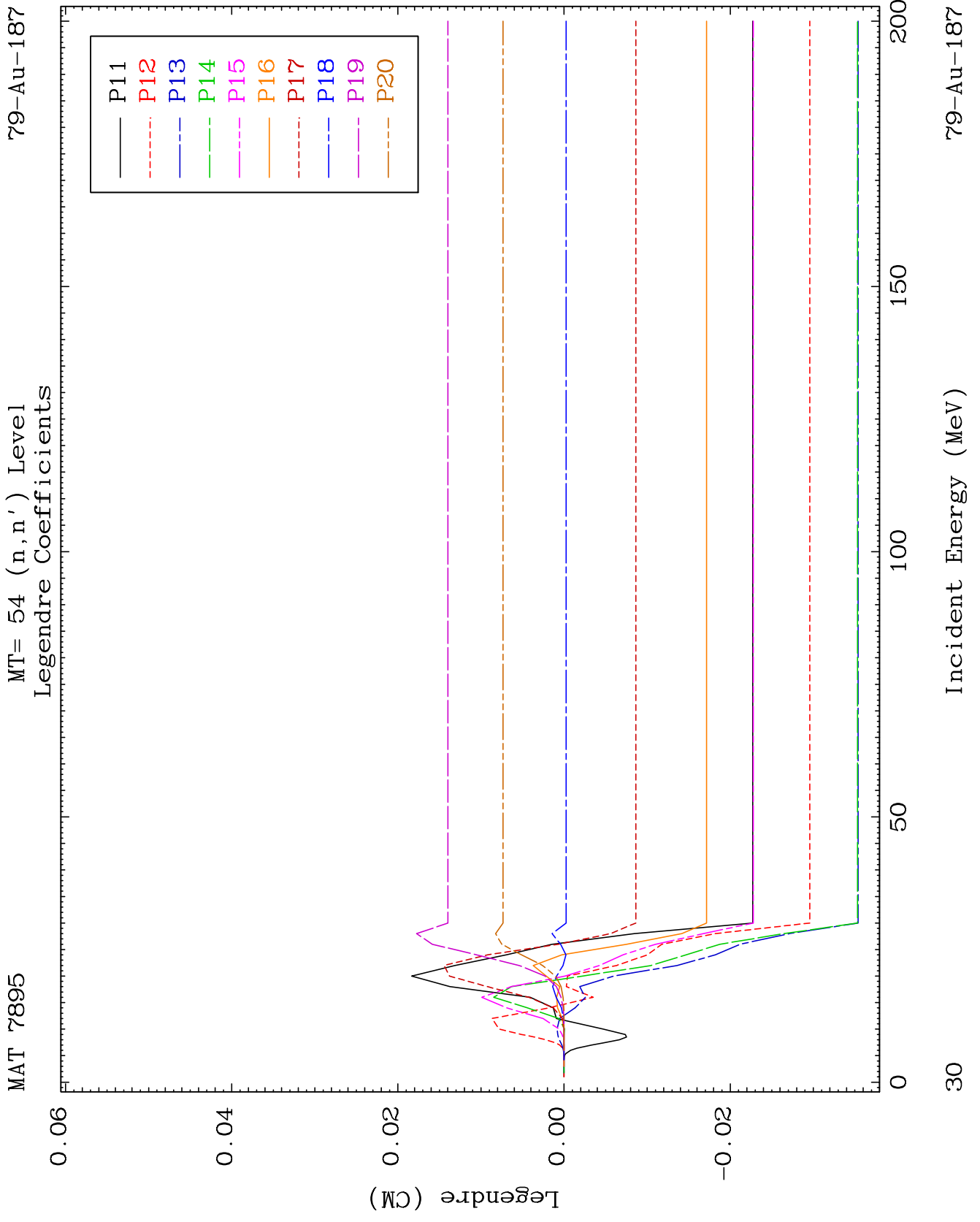
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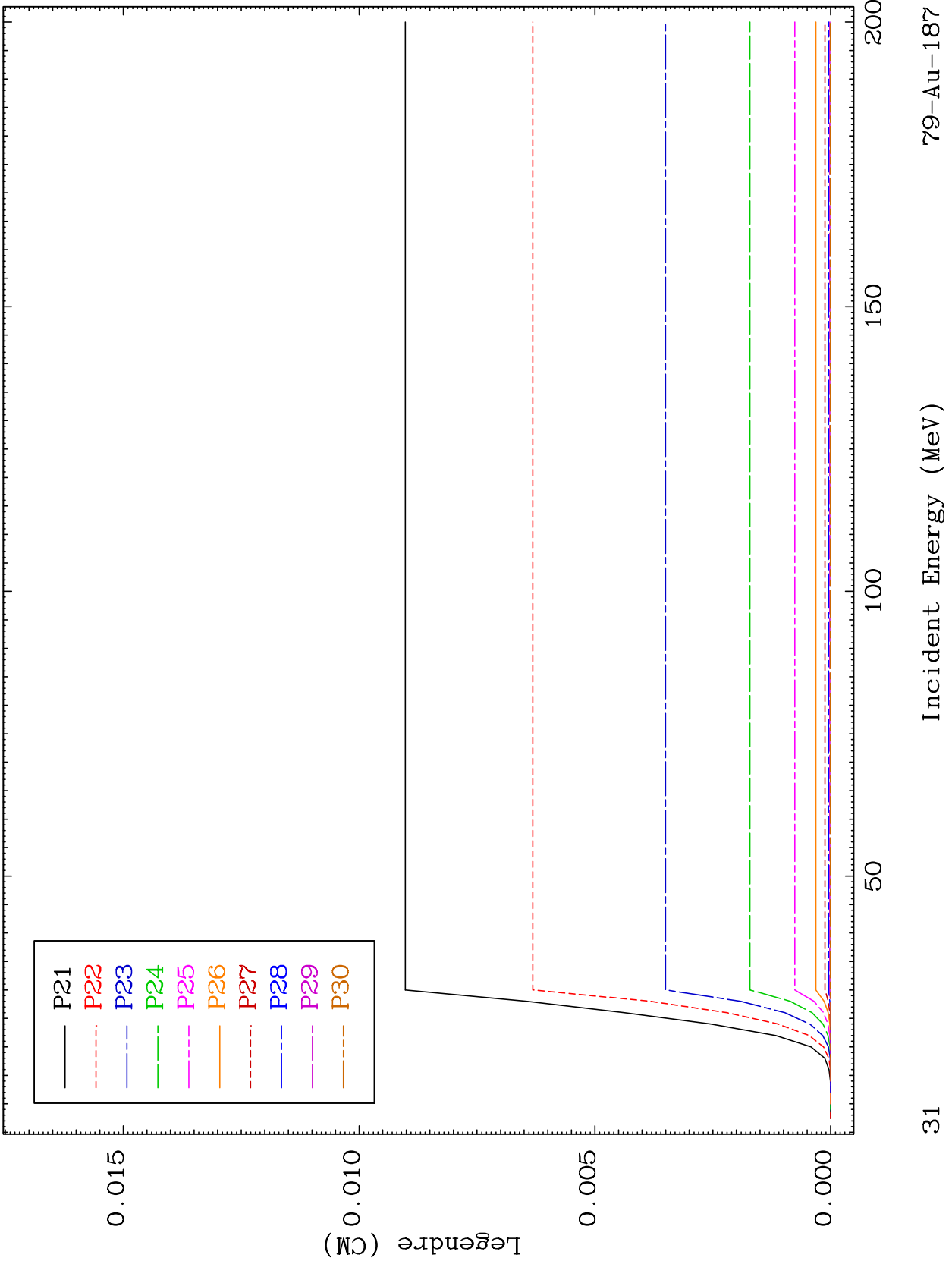


29

Incident Energy (MeV)

79-Au-187

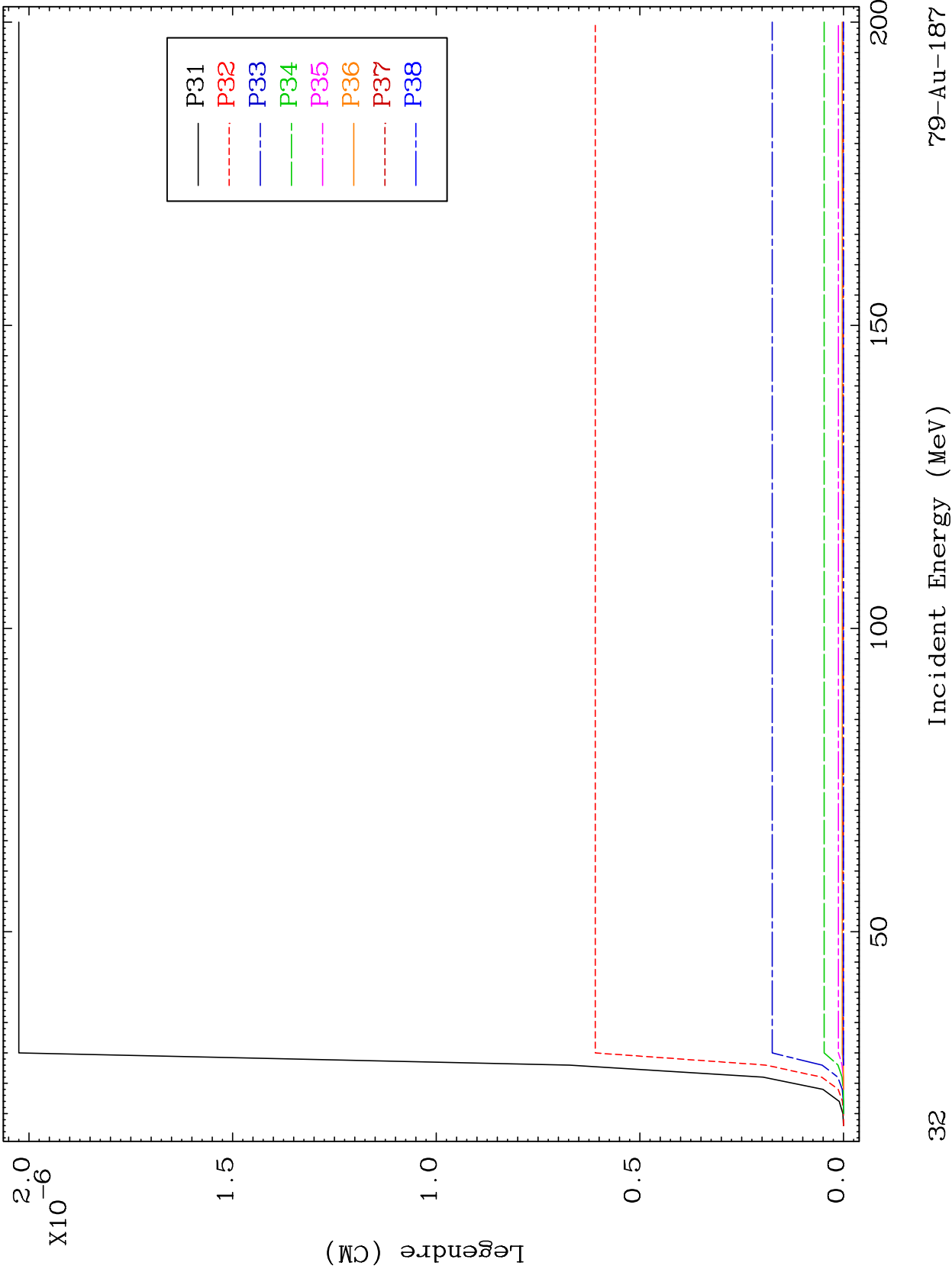




MAT 7895

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

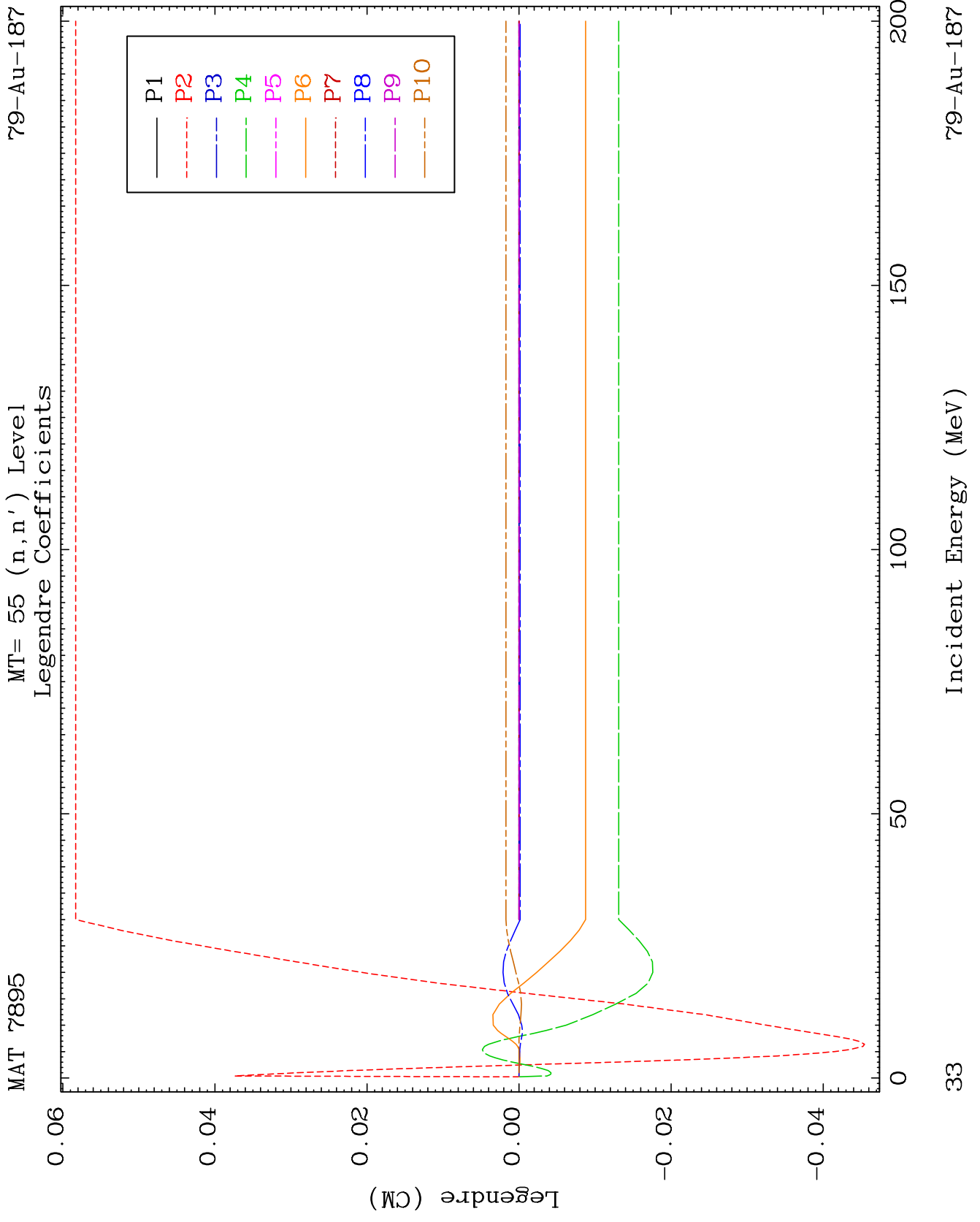
79-Au-187



32

Incident Energy (MeV)

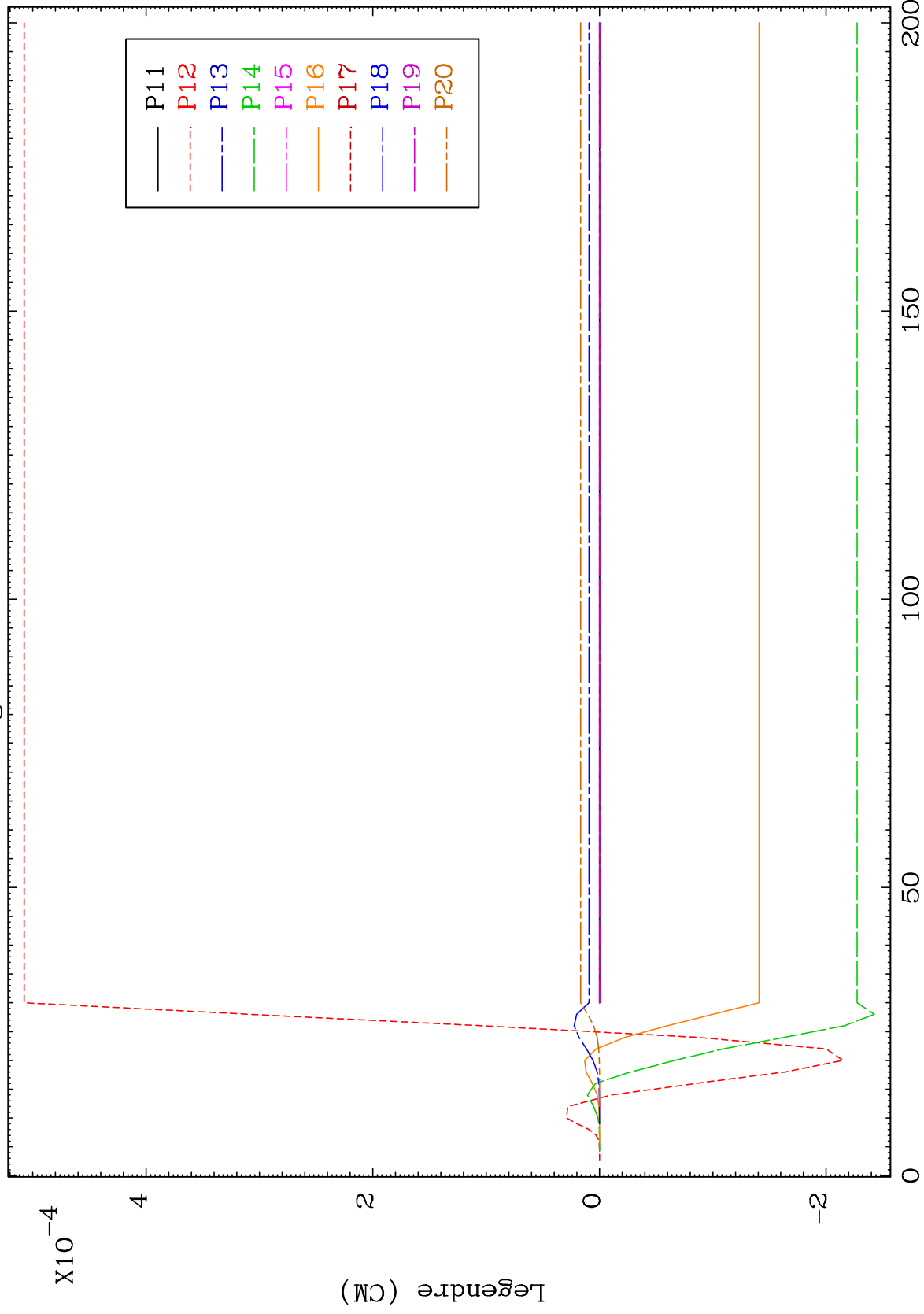
79-Au-187



MAT 7895

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

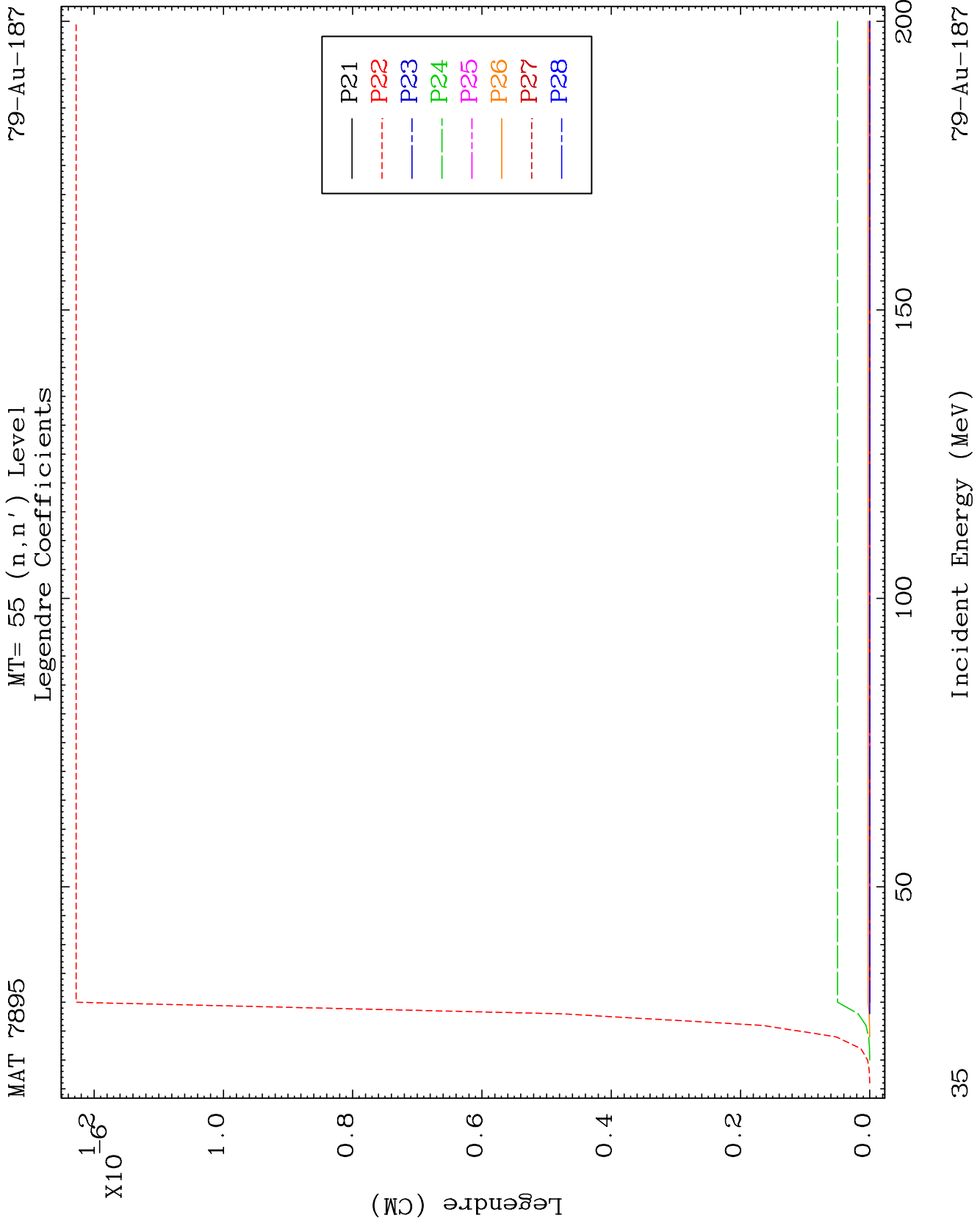
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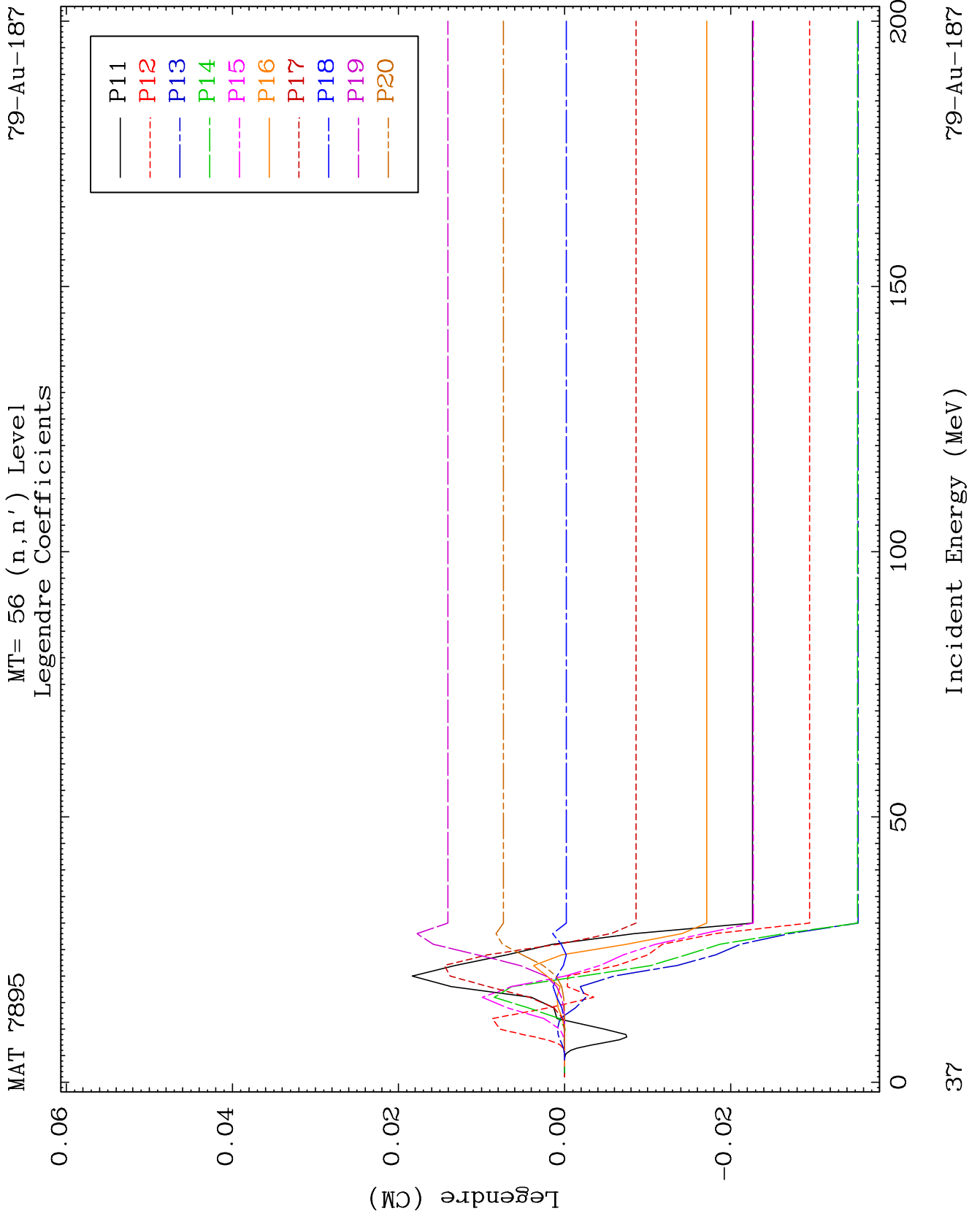


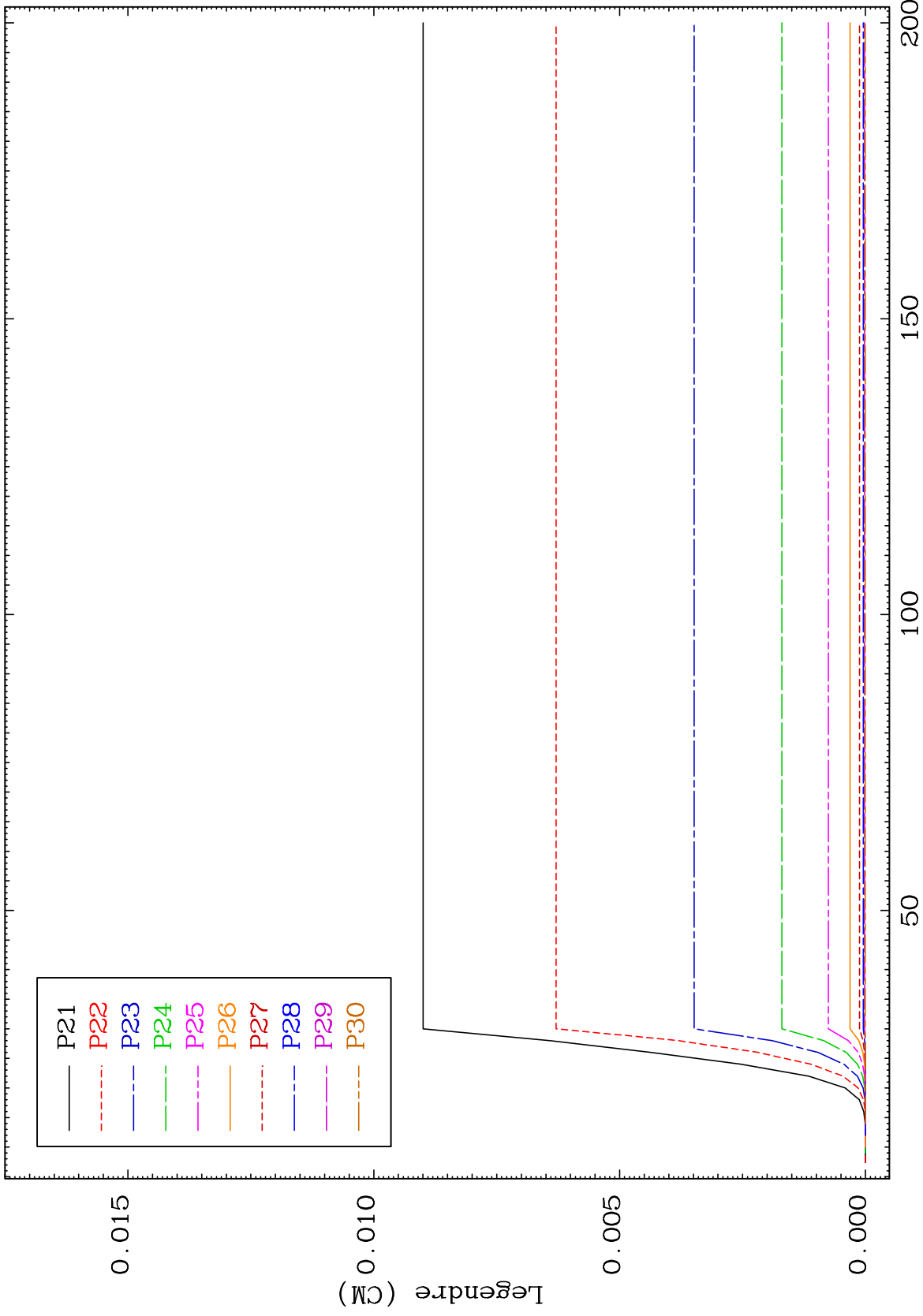
34

Incident Energy (MeV)

79-Au-187



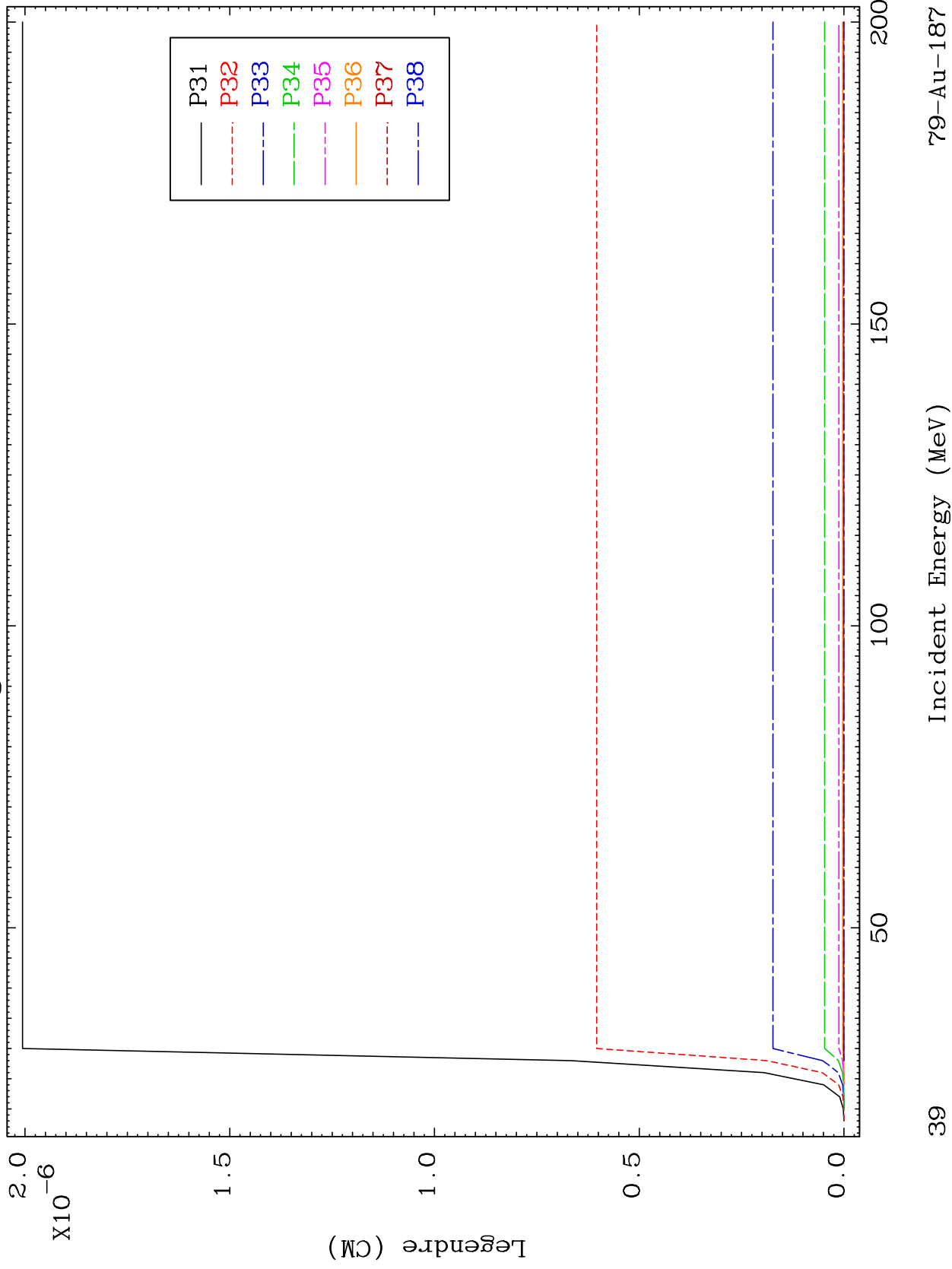


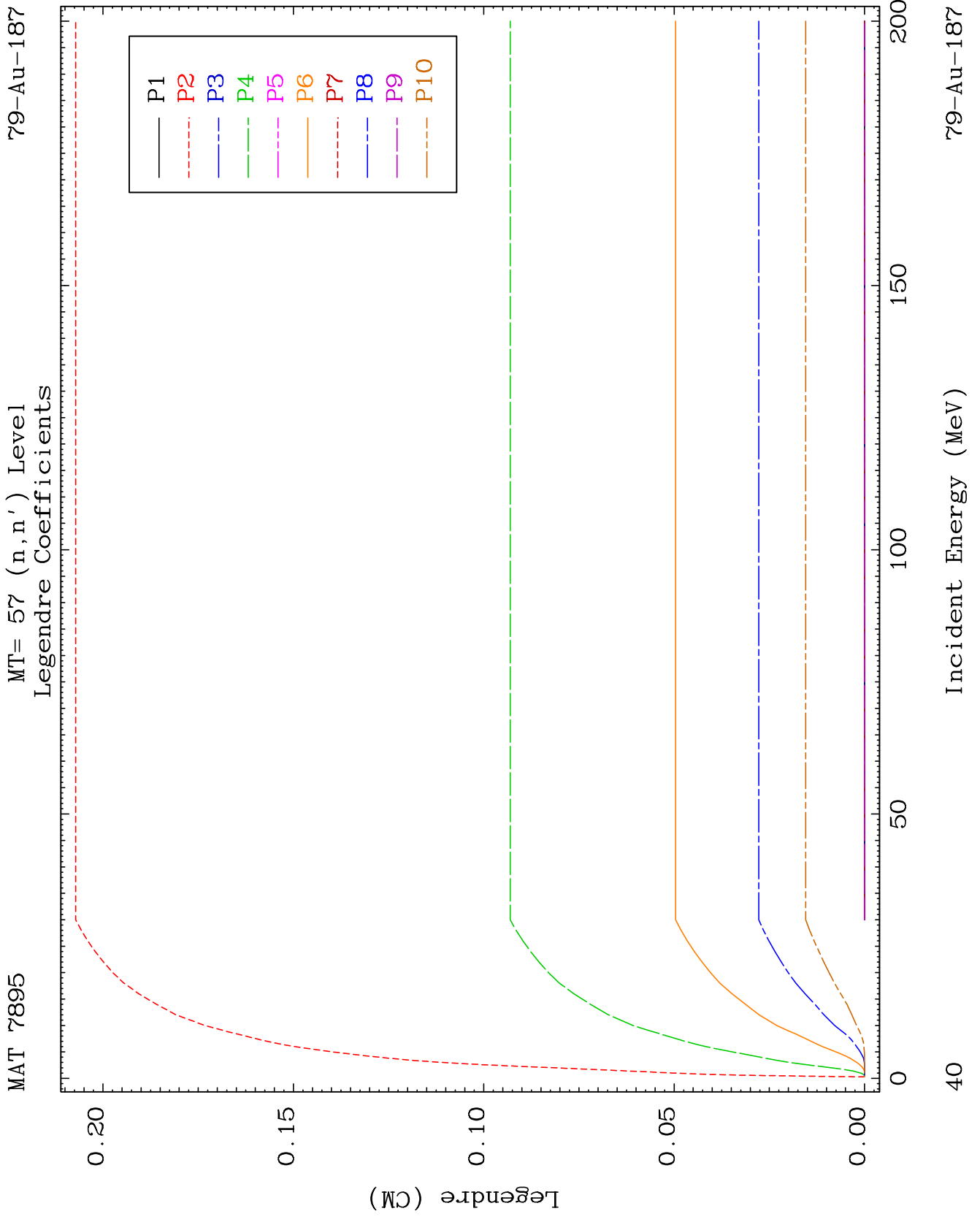


MAT 7895

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

79-Au-187

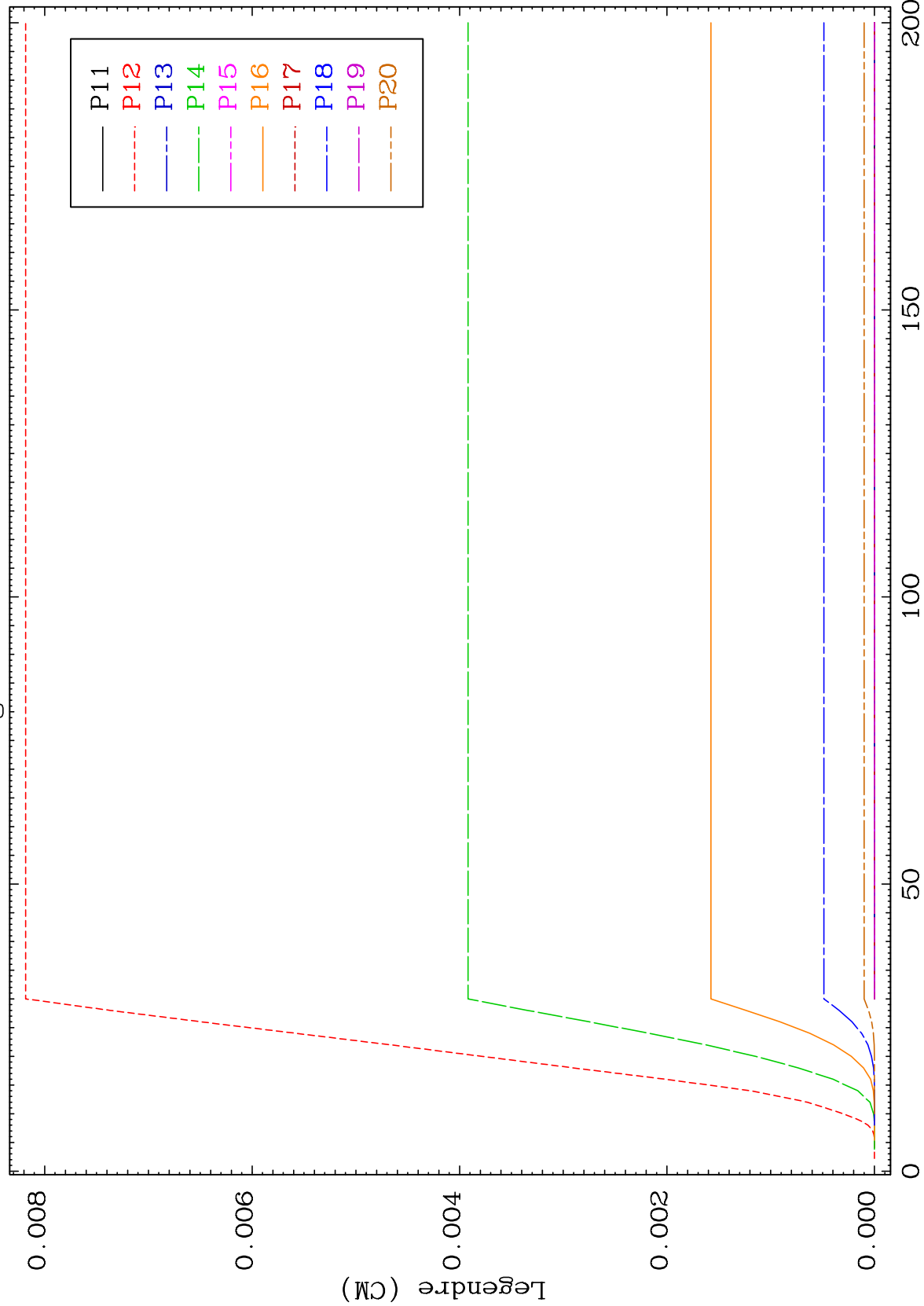




MAT 7895

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

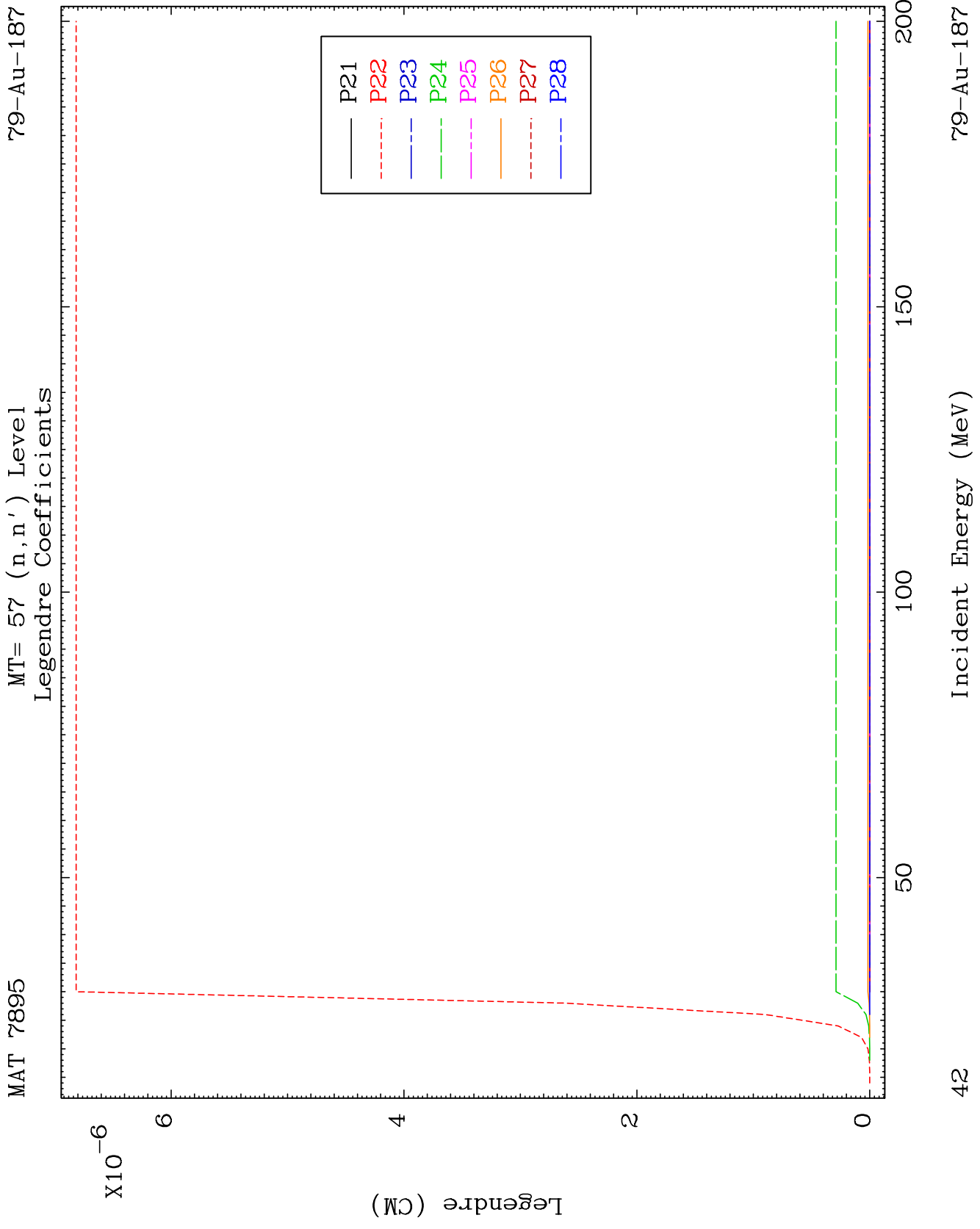
79-Au-187



41

Incident Energy (MeV)

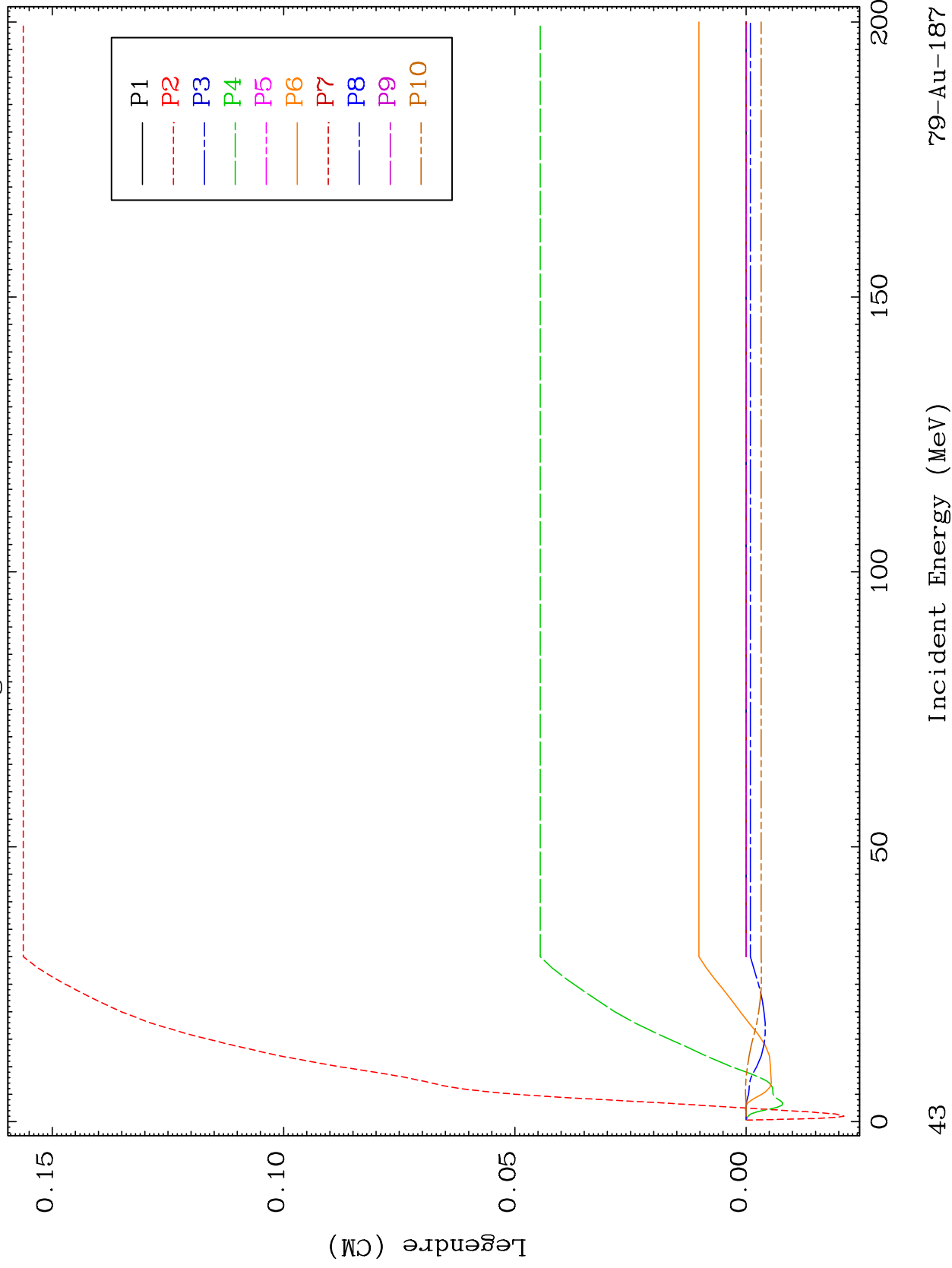
79-Au-187



MAT 7895

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

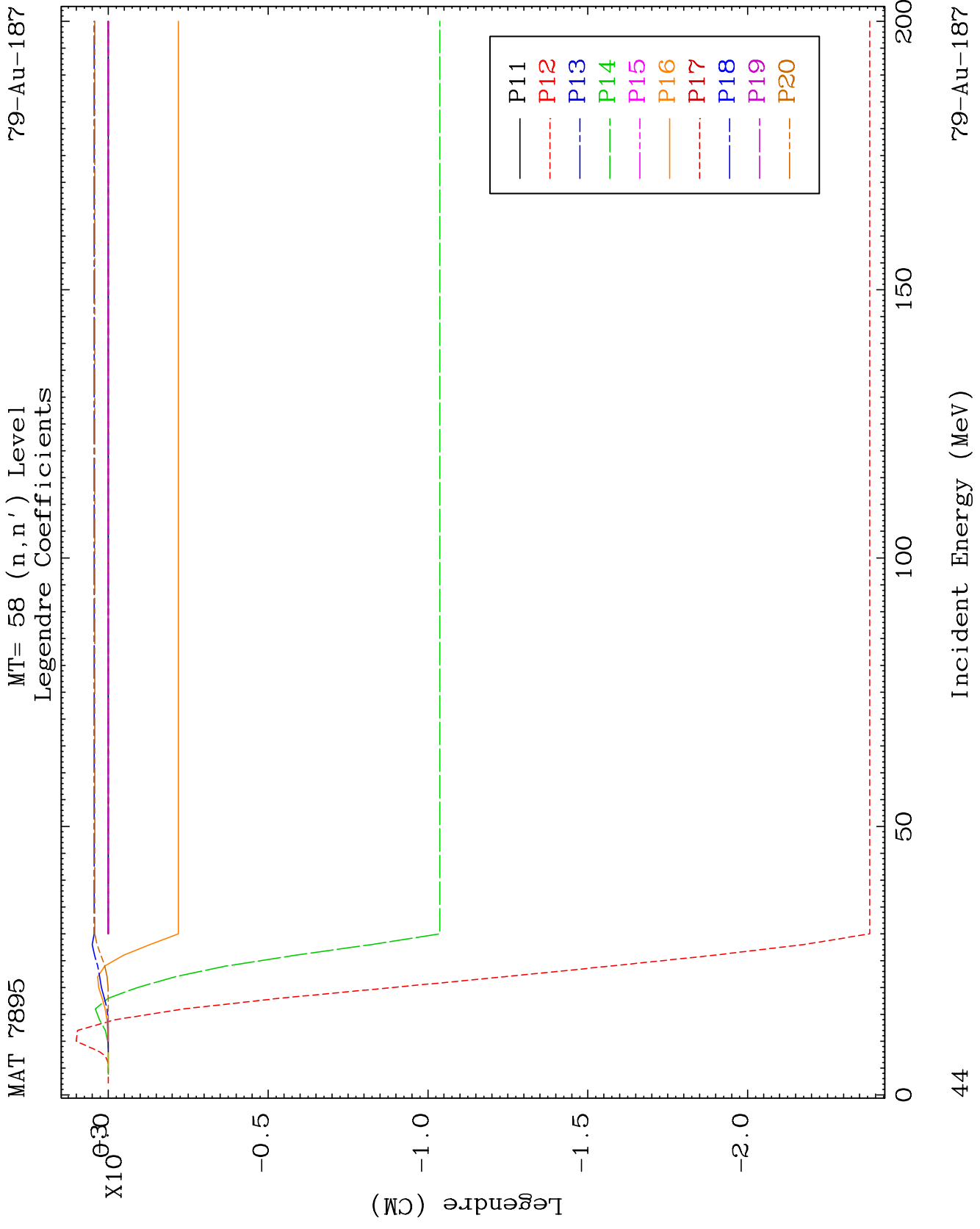
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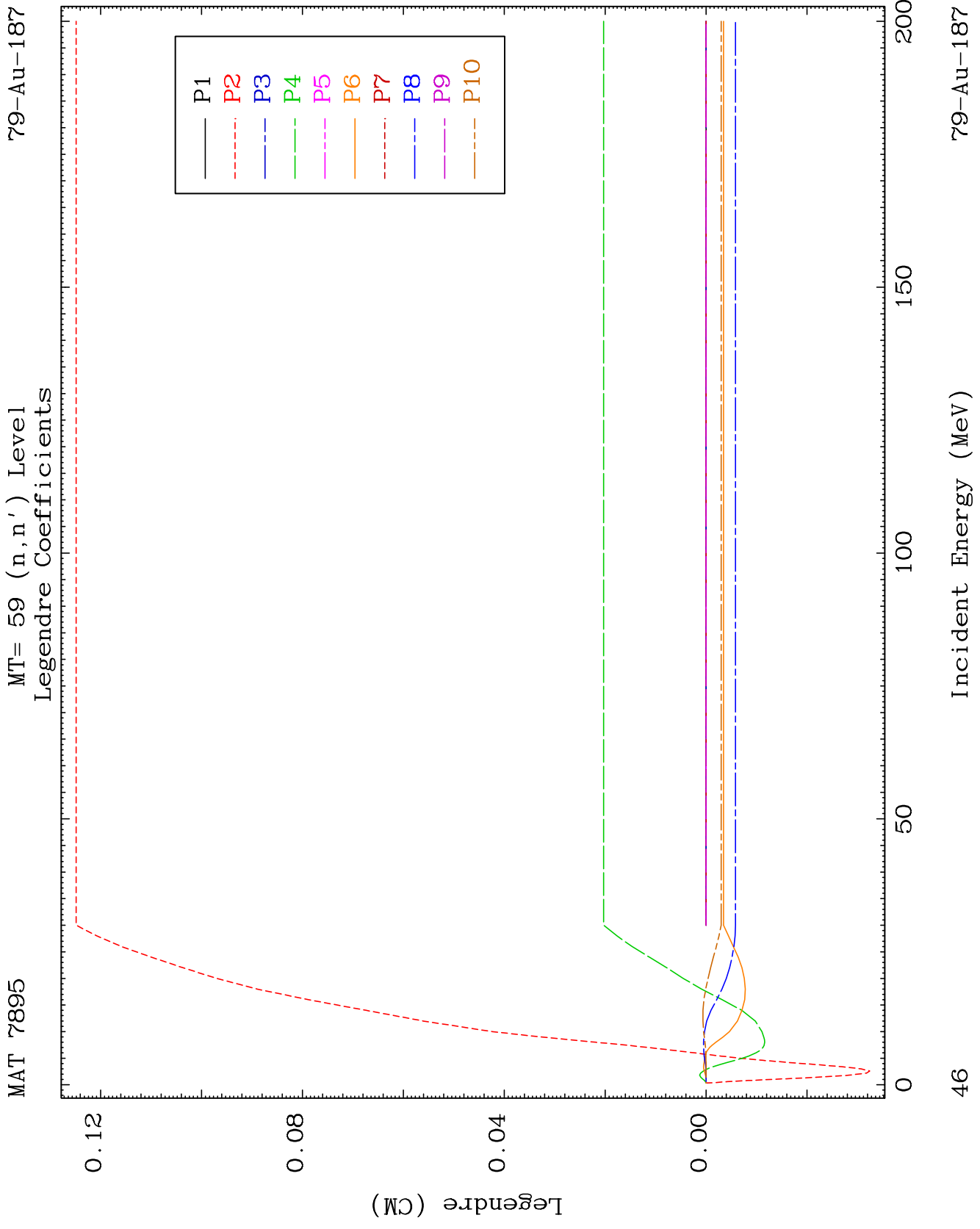


79-Au-187

Incident Energy (MeV)

43

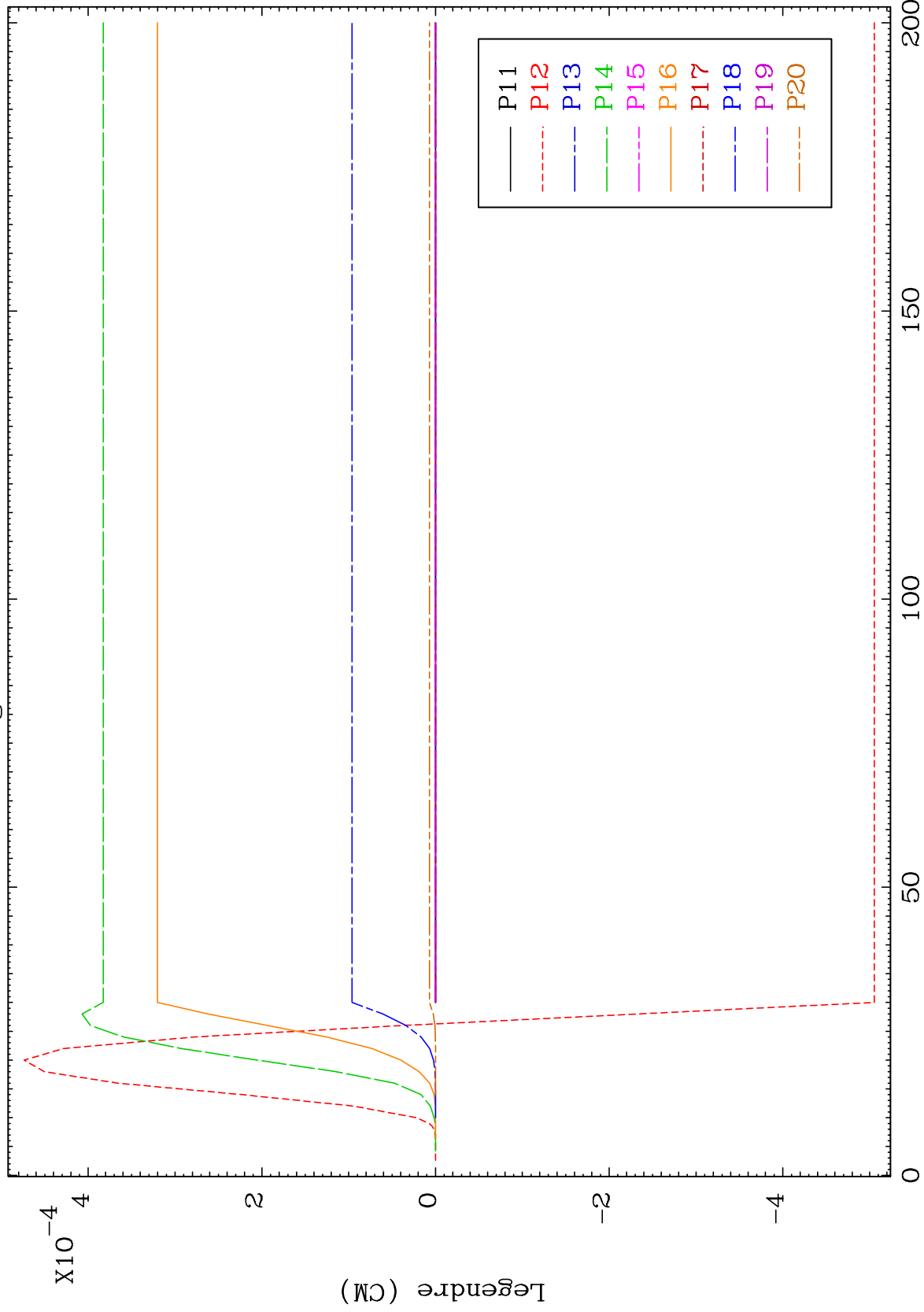




MAT 7895

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

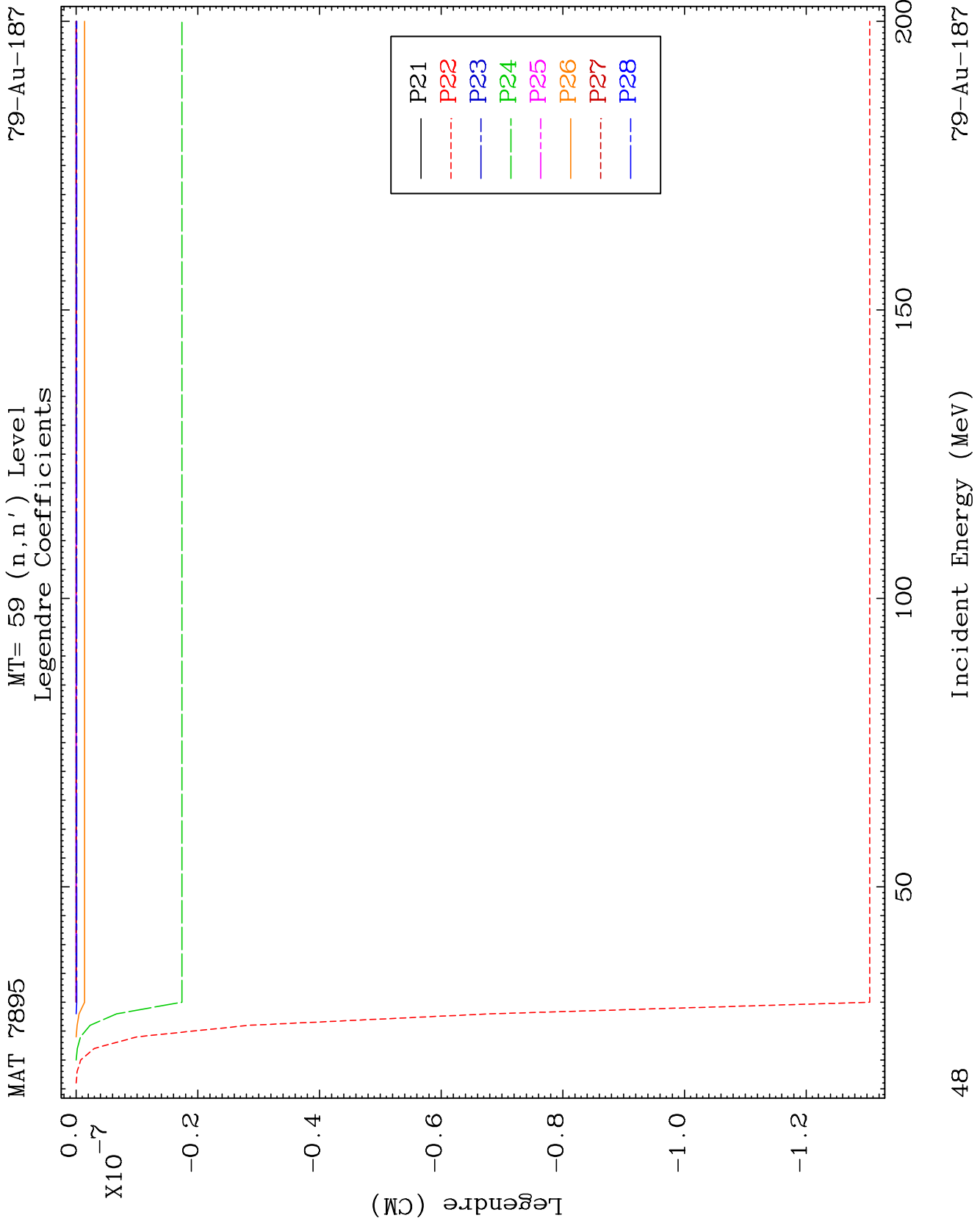
79-Au-187



47

Incident Energy (MeV)

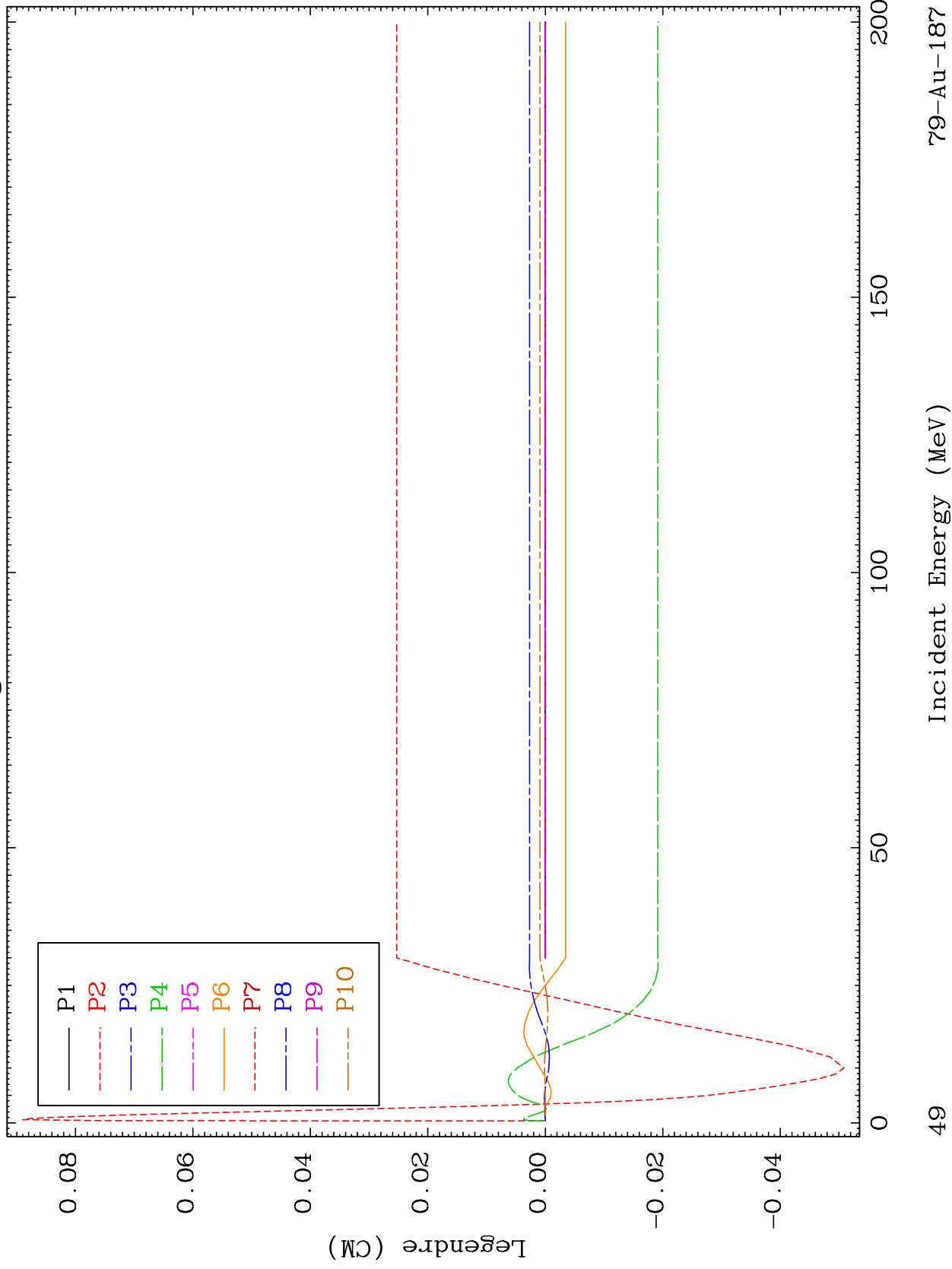
79-Au-187



MAT 7895

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

79-Au-187



79-Au-187

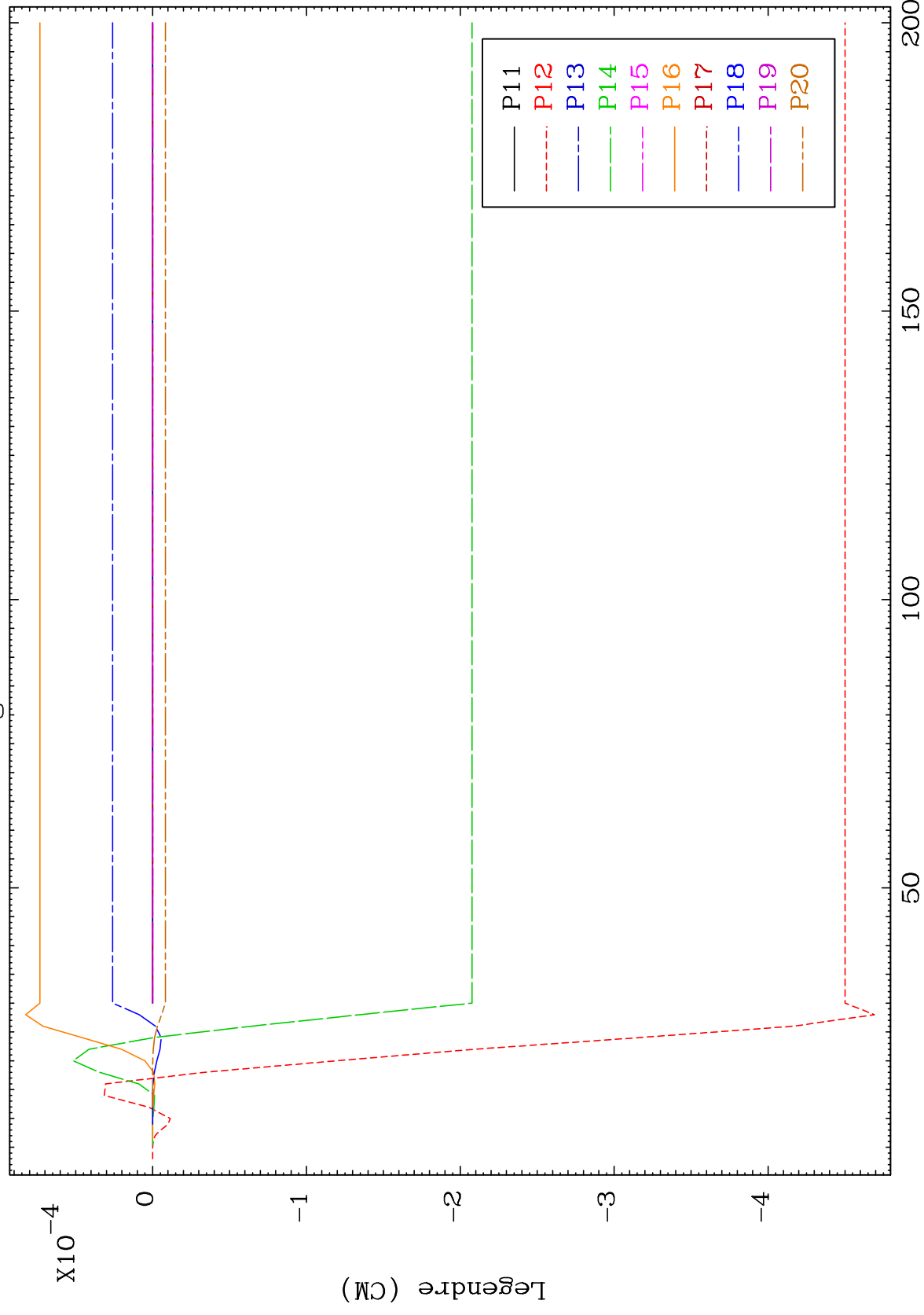
Incident Energy (MeV)

49

MAT 7895

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

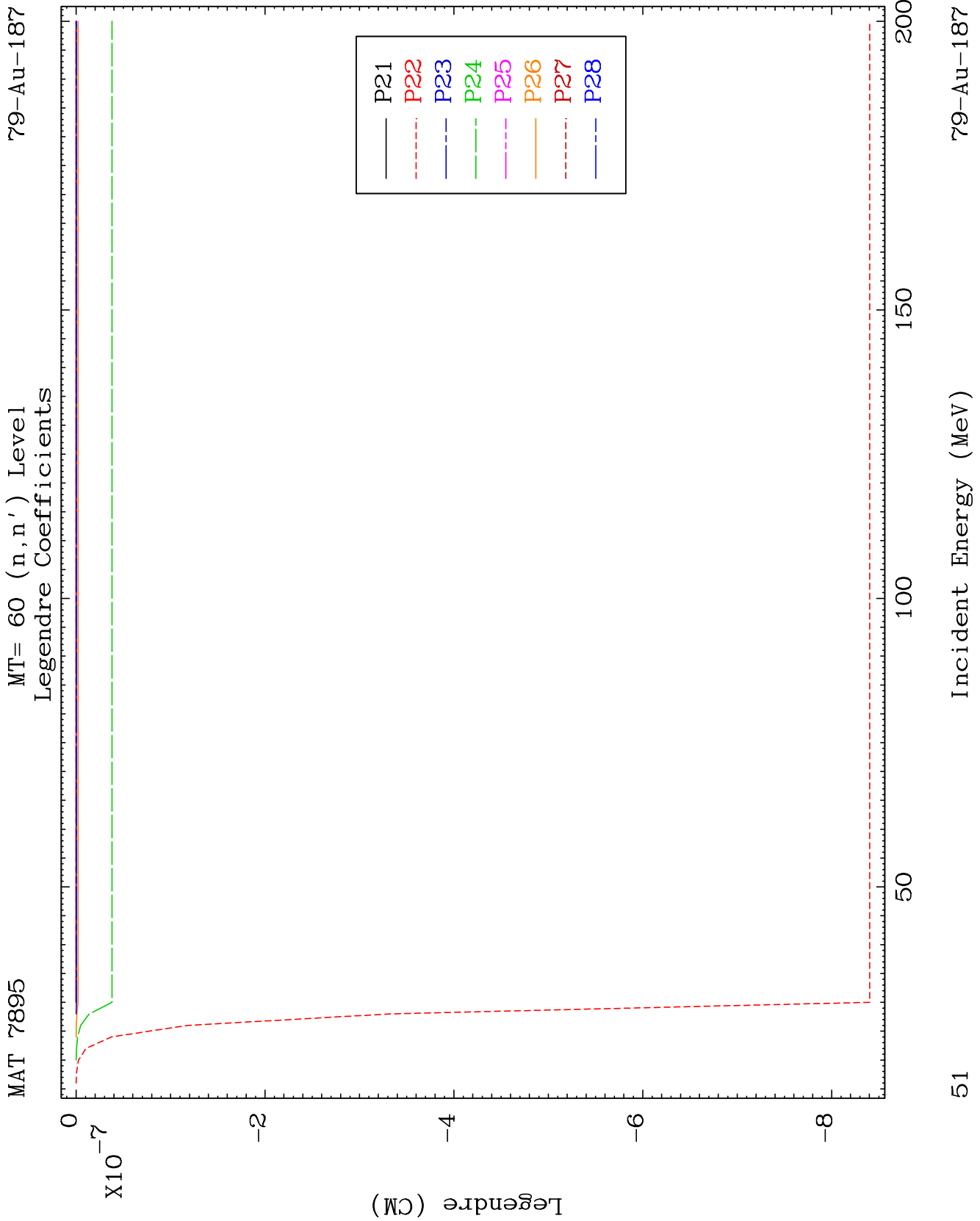
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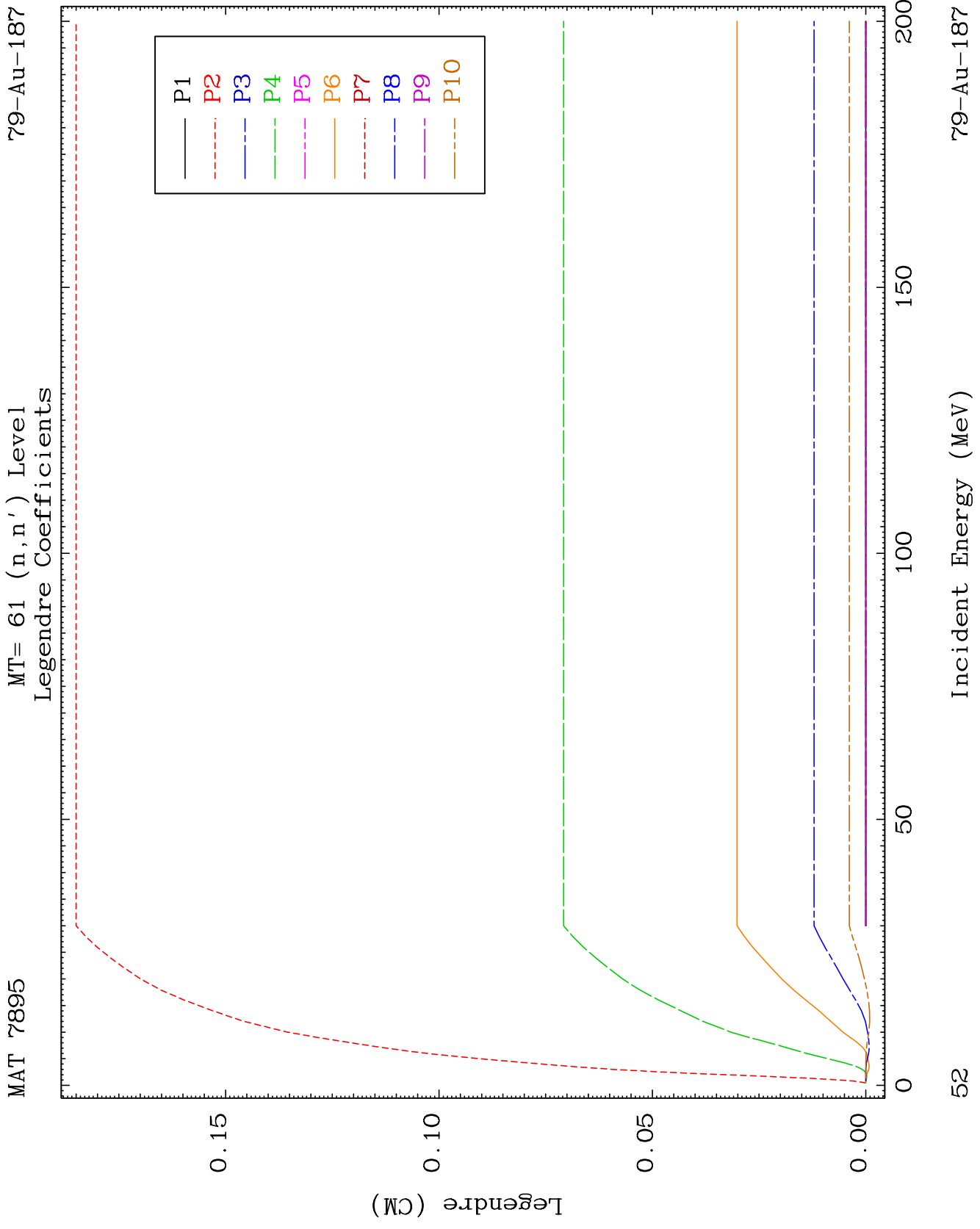


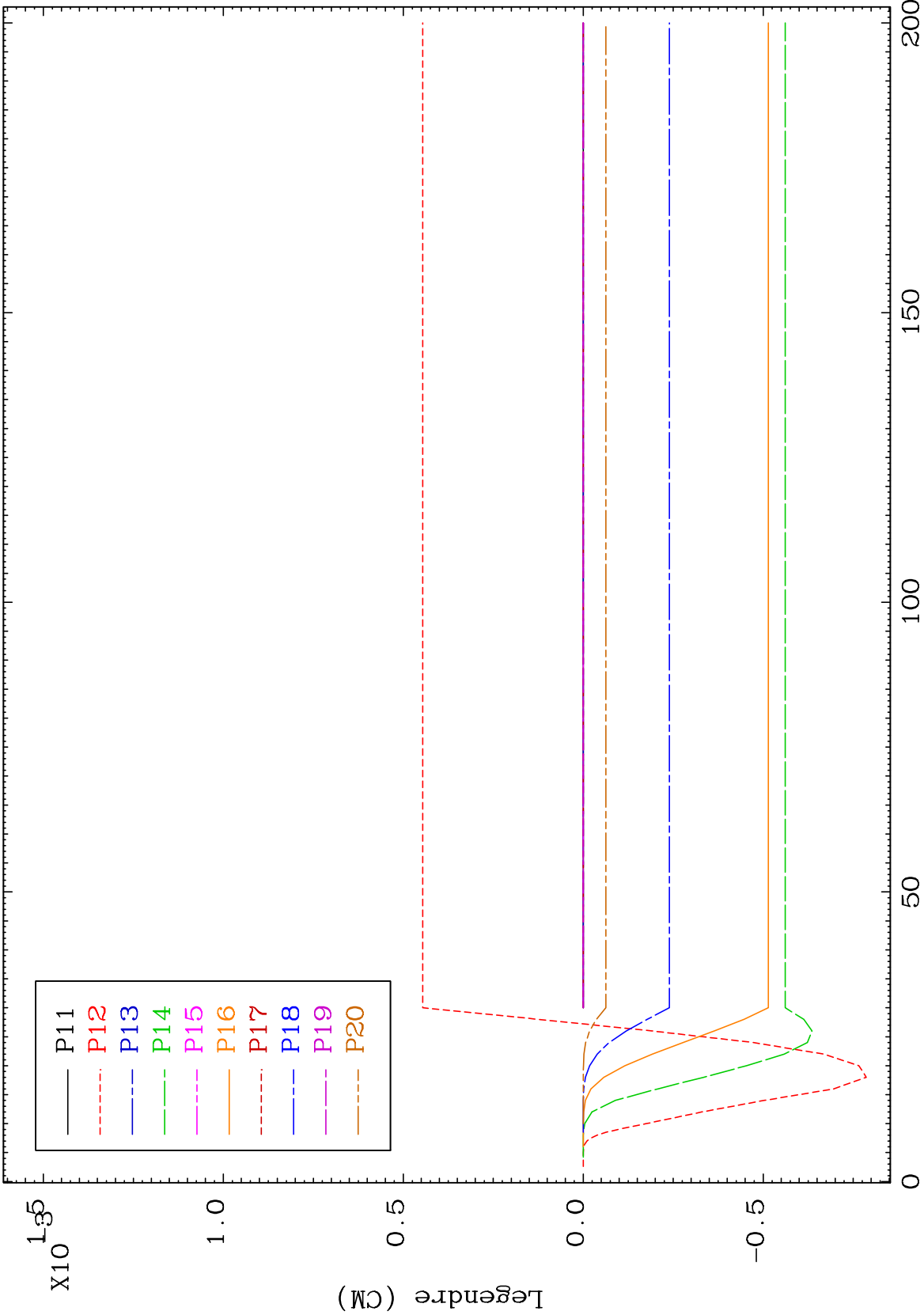
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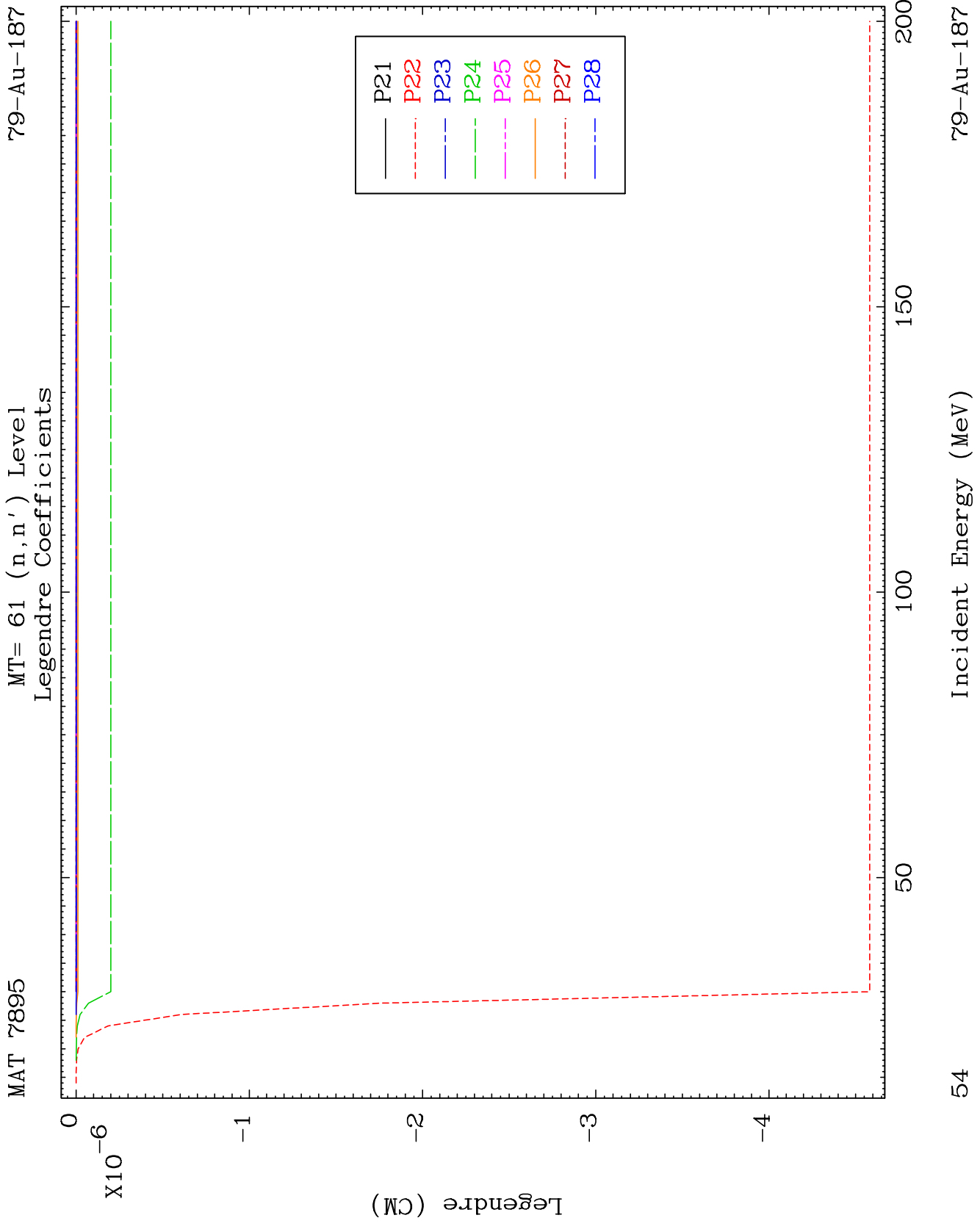
Incident Energy (MeV)

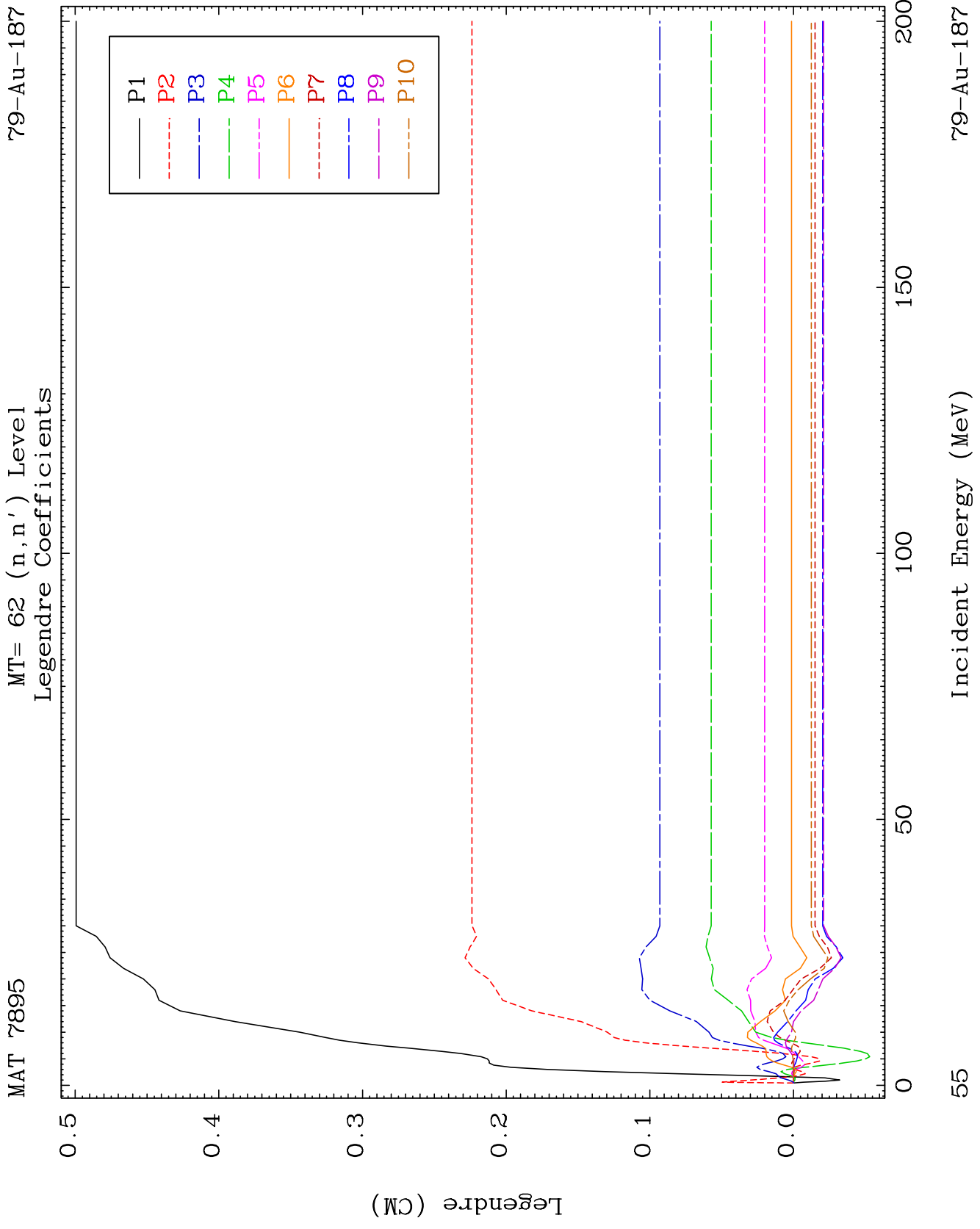
79-Au-187







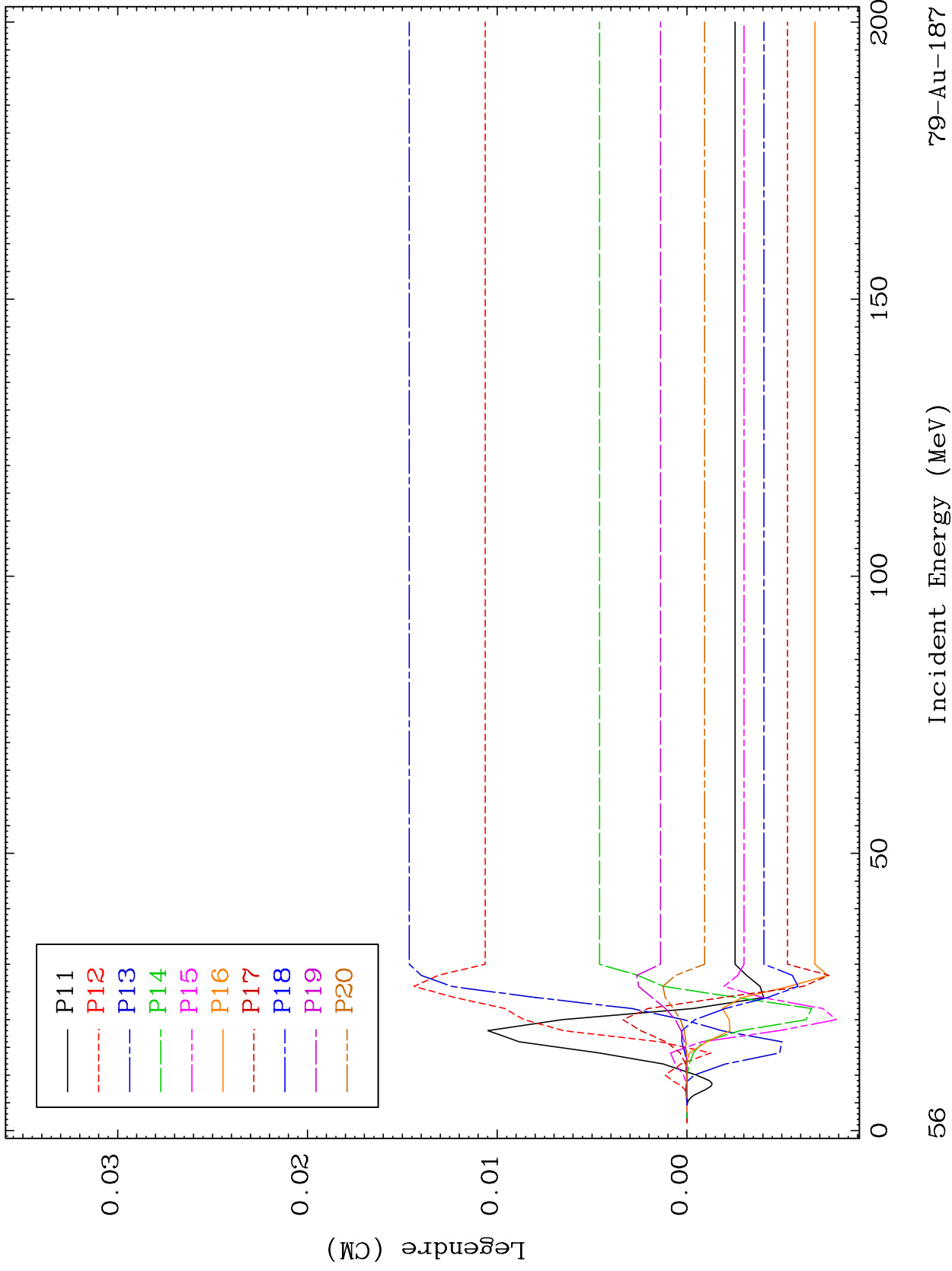




MAT 7895

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

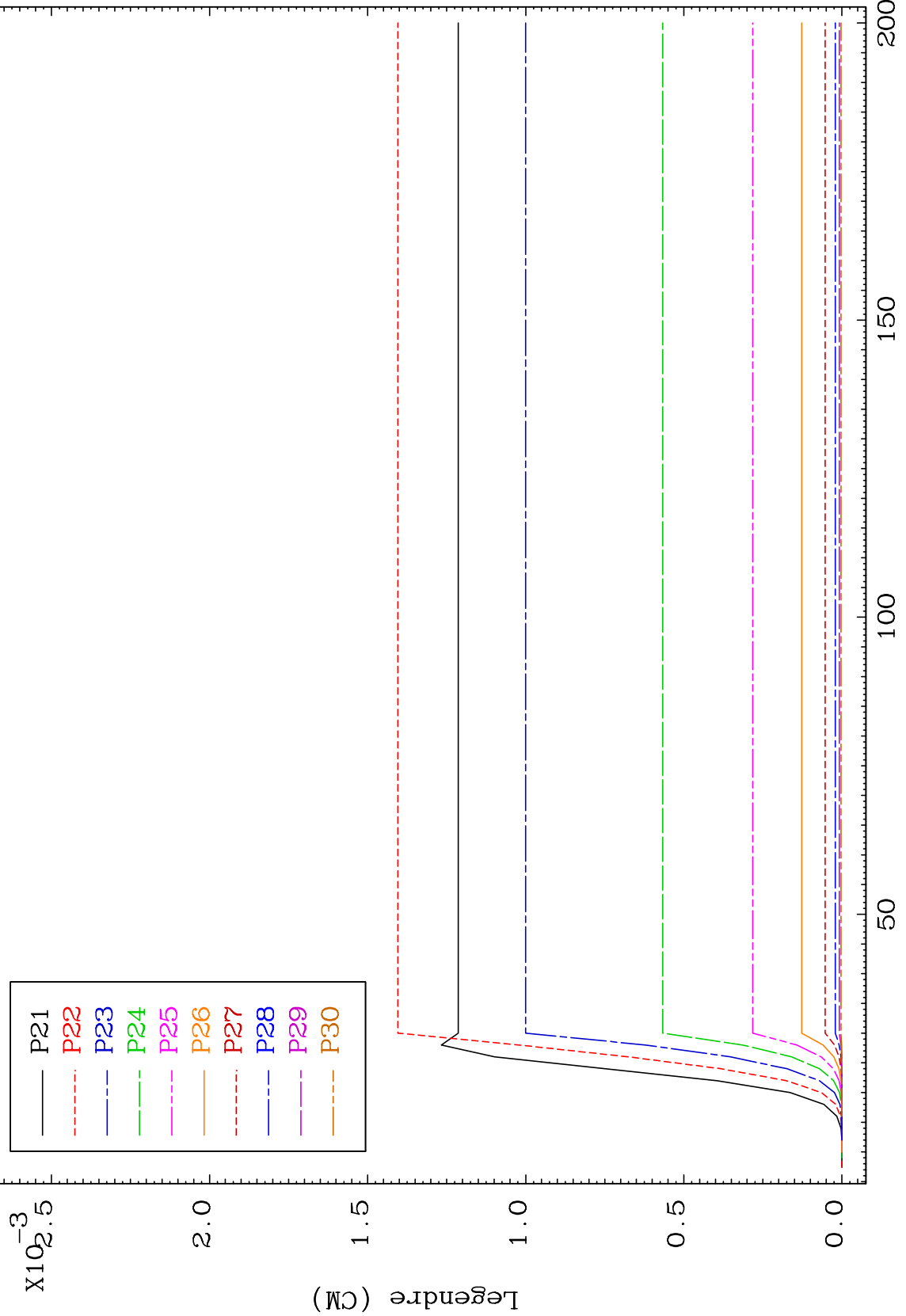
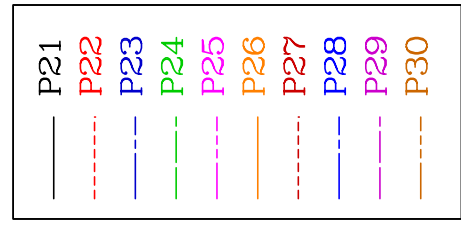
79-Au-187



MAT 7895

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

79-Au-187



57

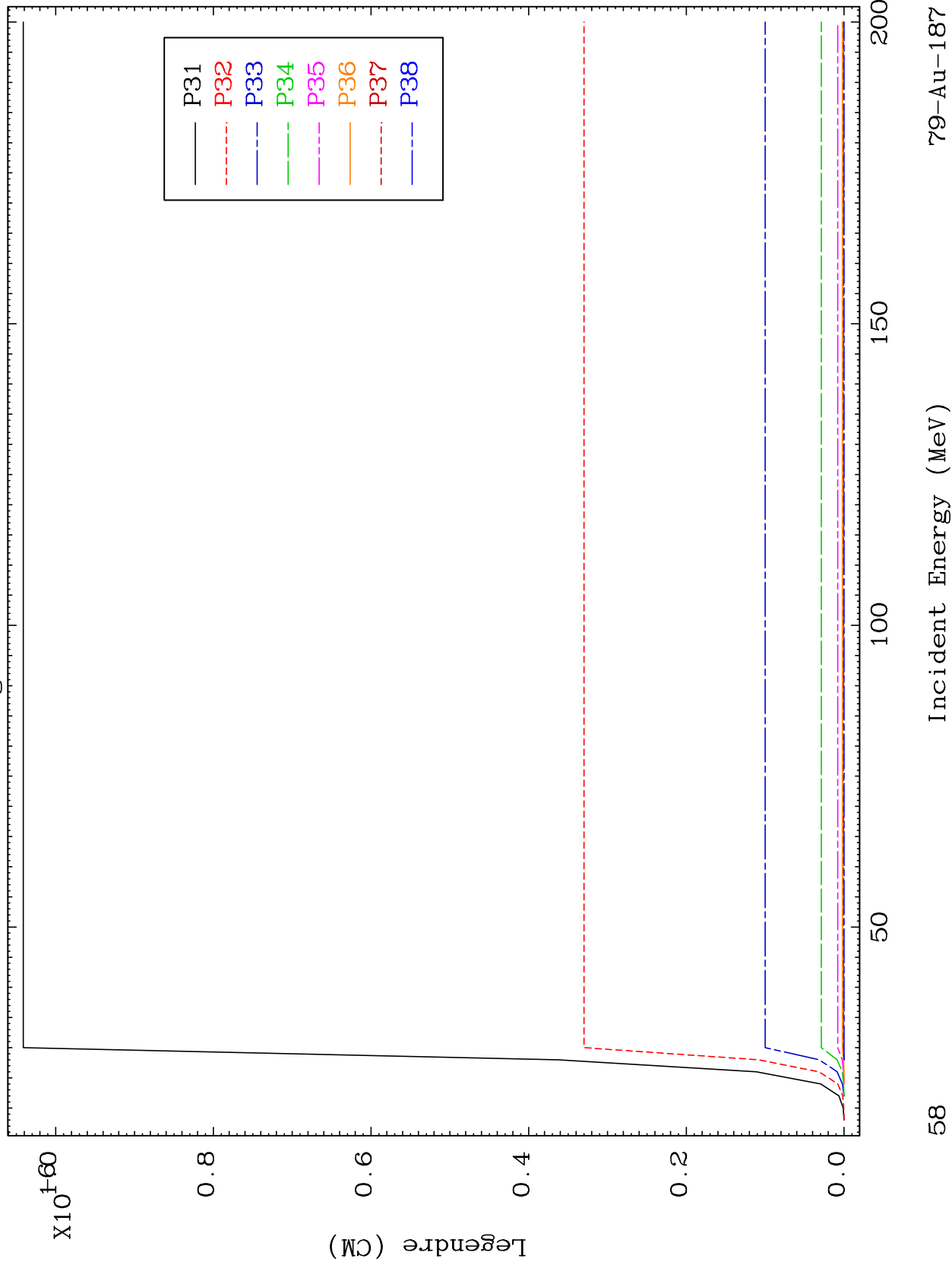
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187



79-Au-187

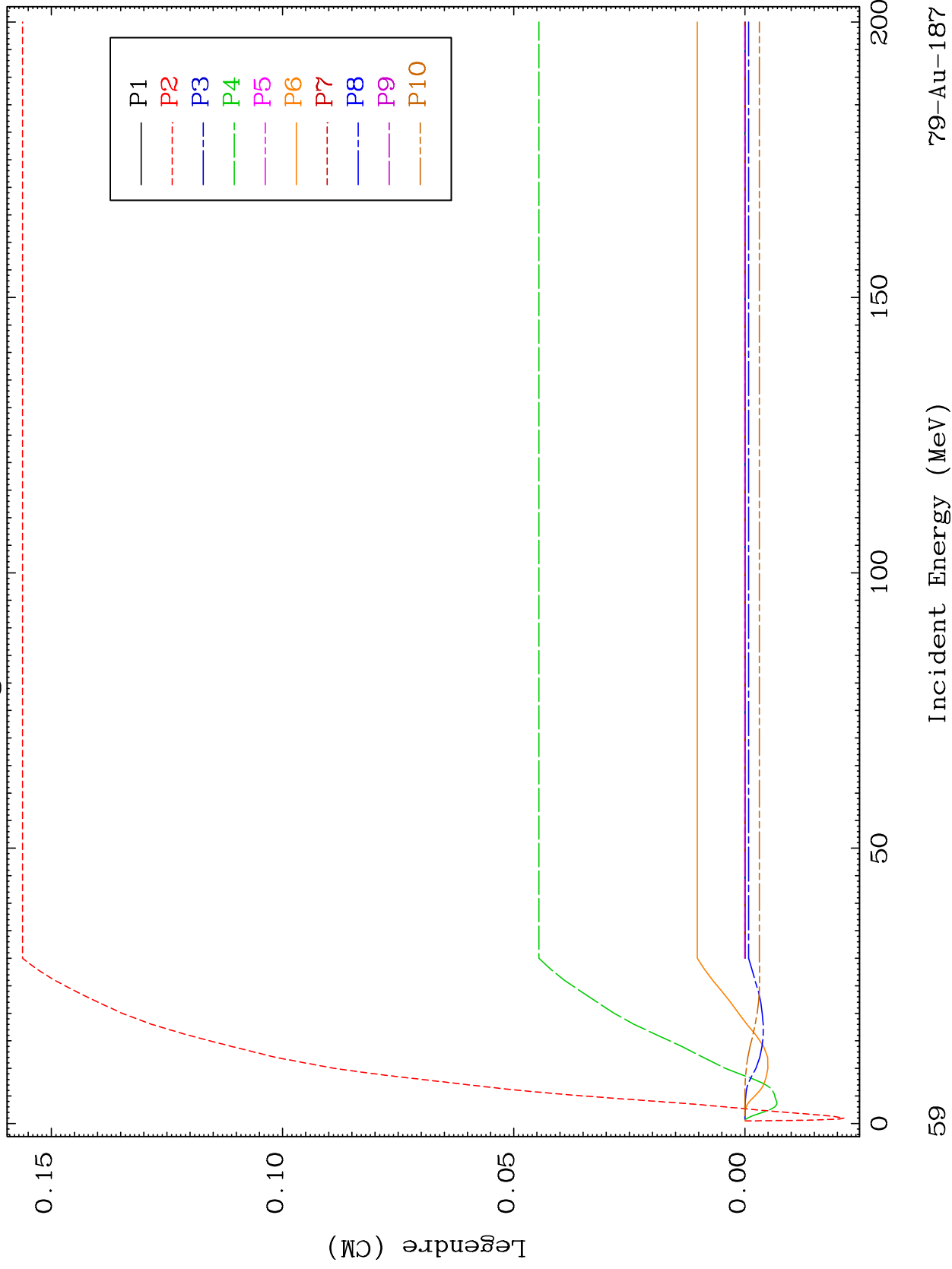
Incident Energy (MeV)

58

MAT 7895

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

79-Au-187



59

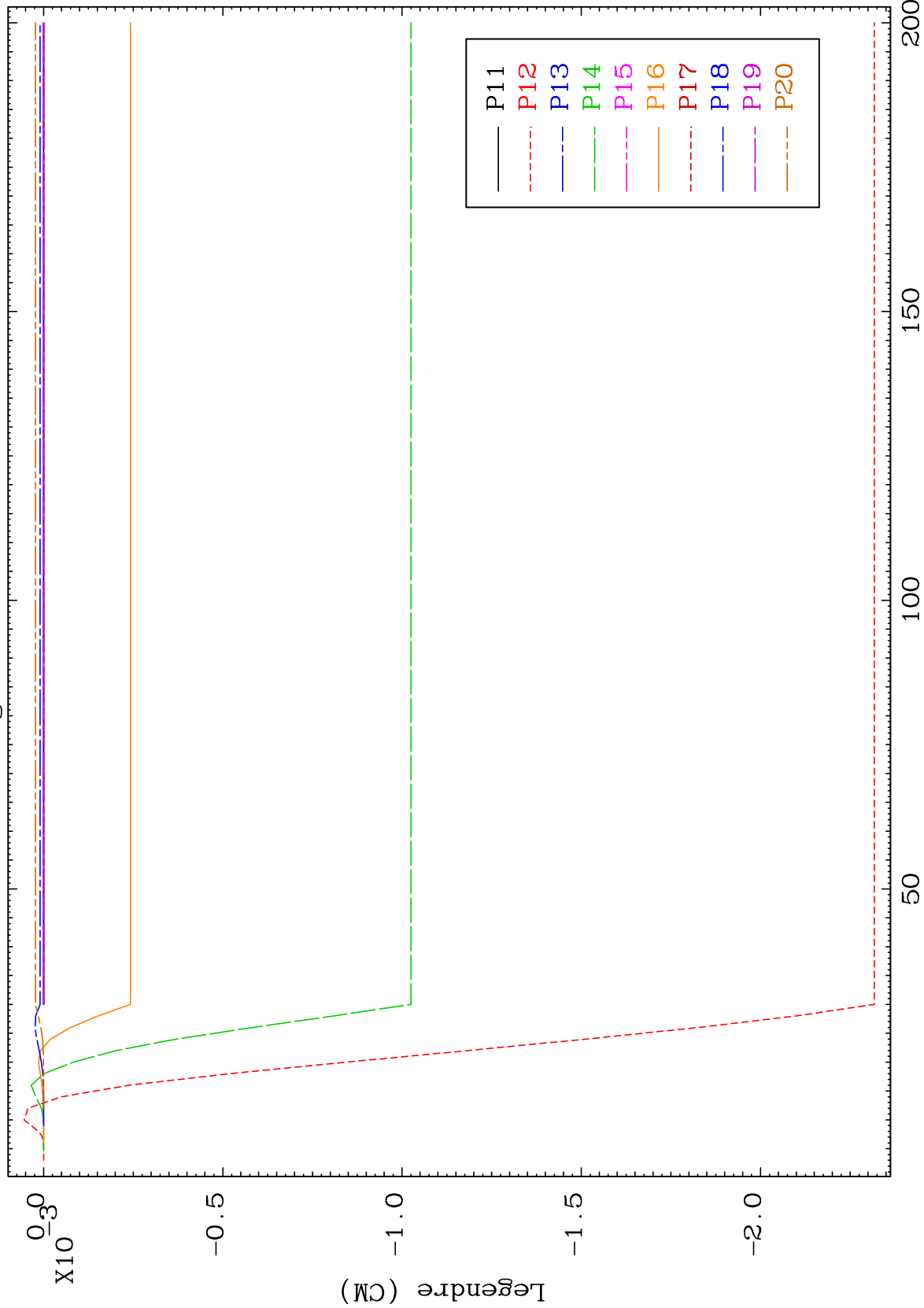
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187



60

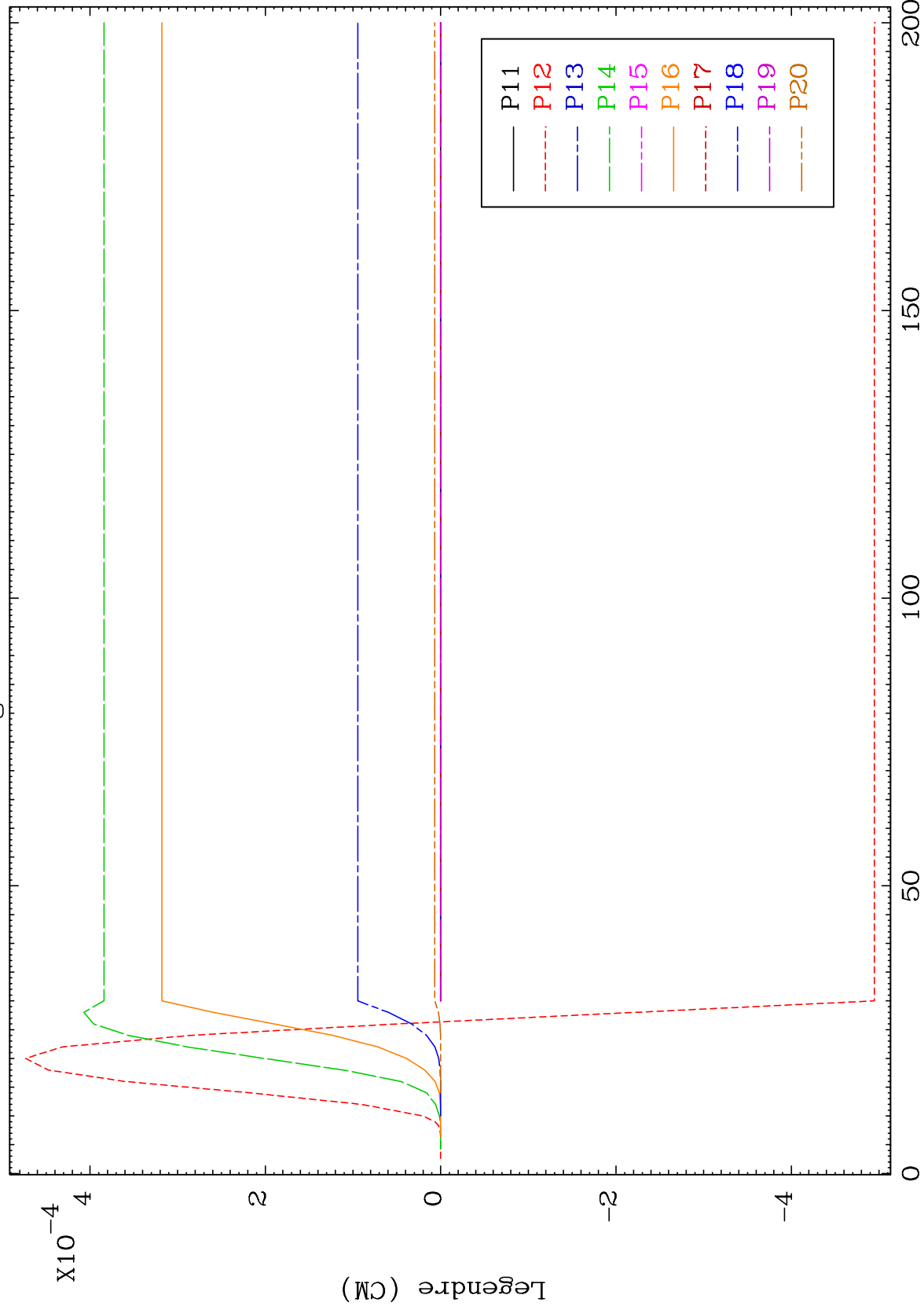
Incident Energy (MeV)

79-Au-187

MAT 7895

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

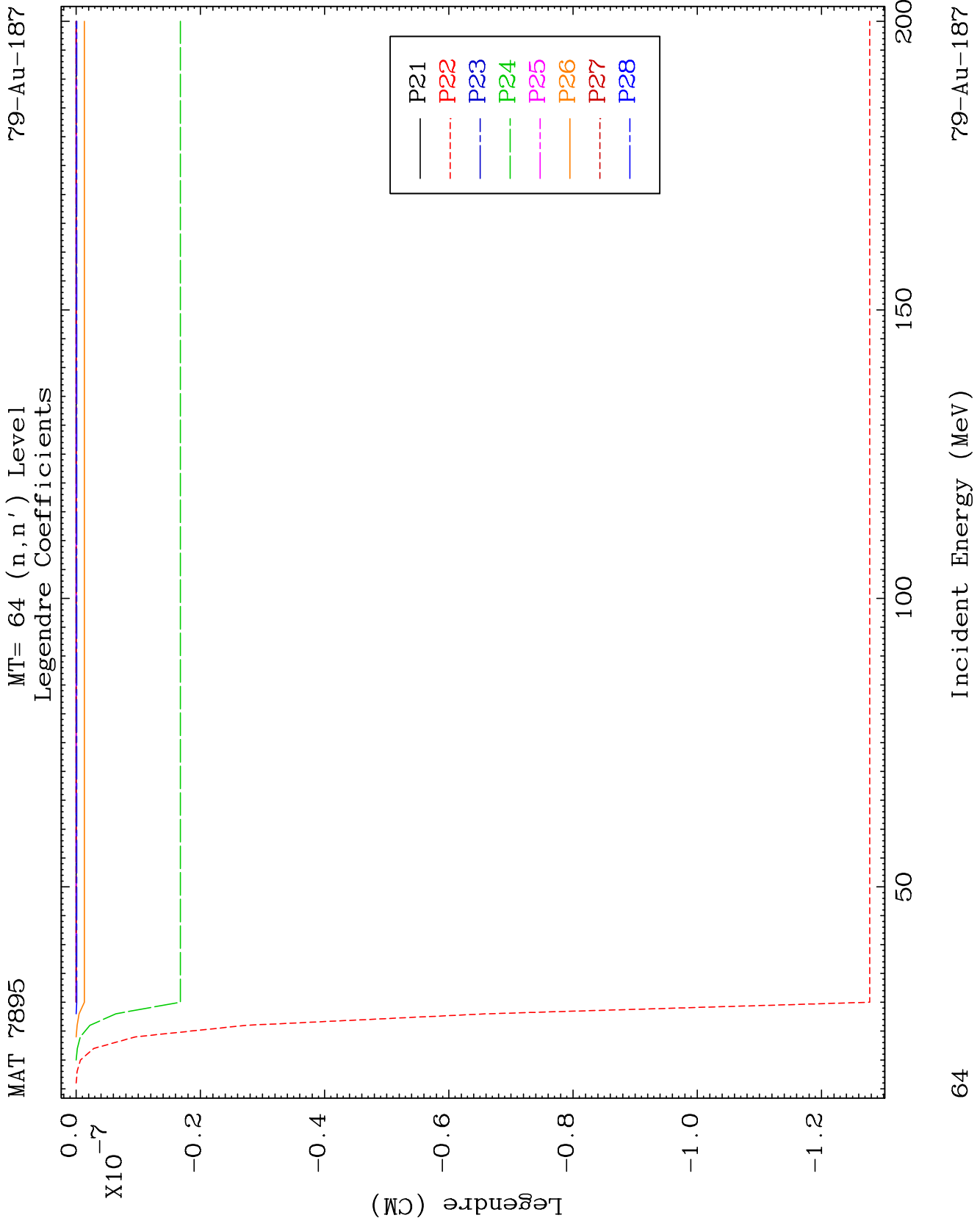
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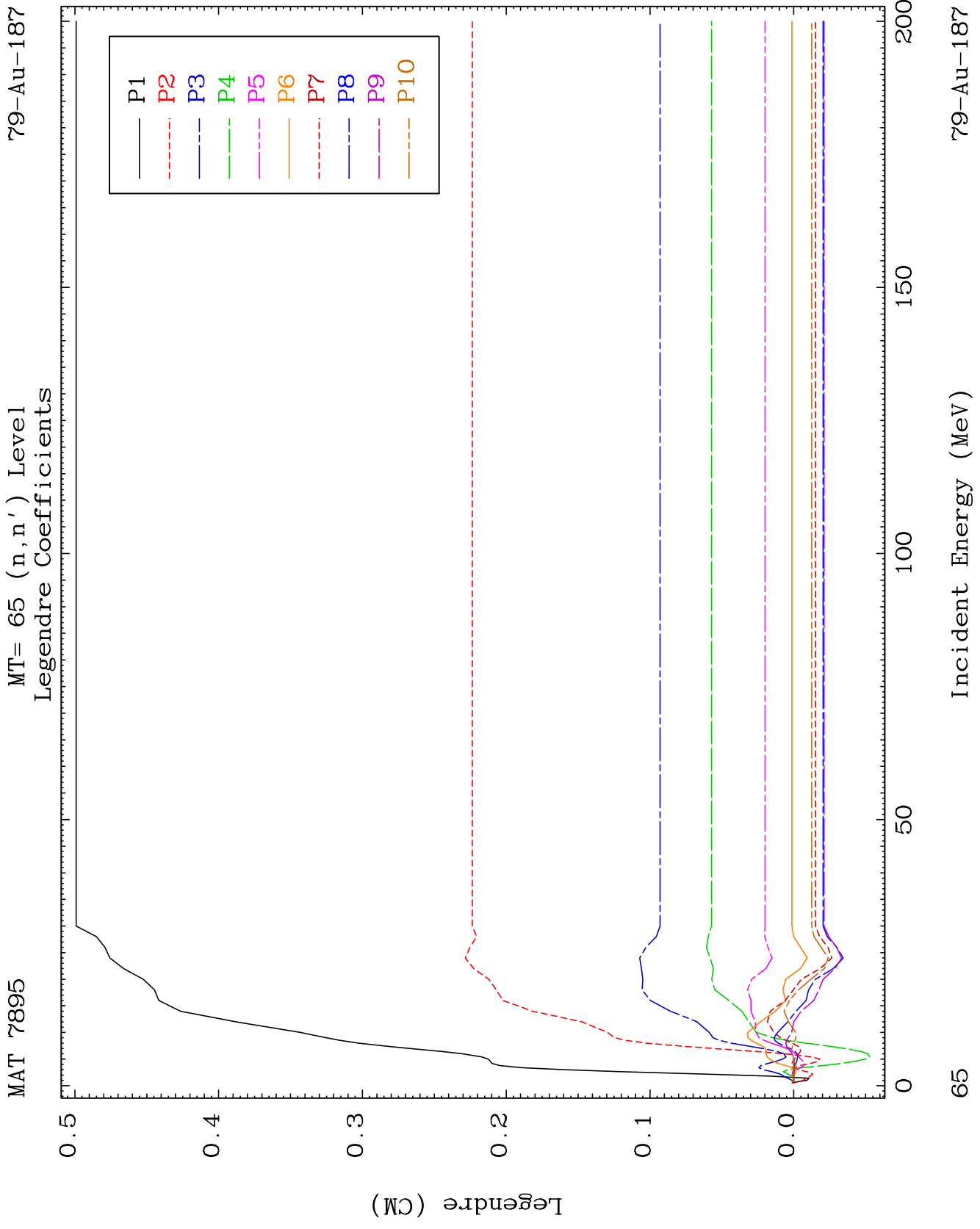


63

Incident Energy (MeV)

79-Au-187

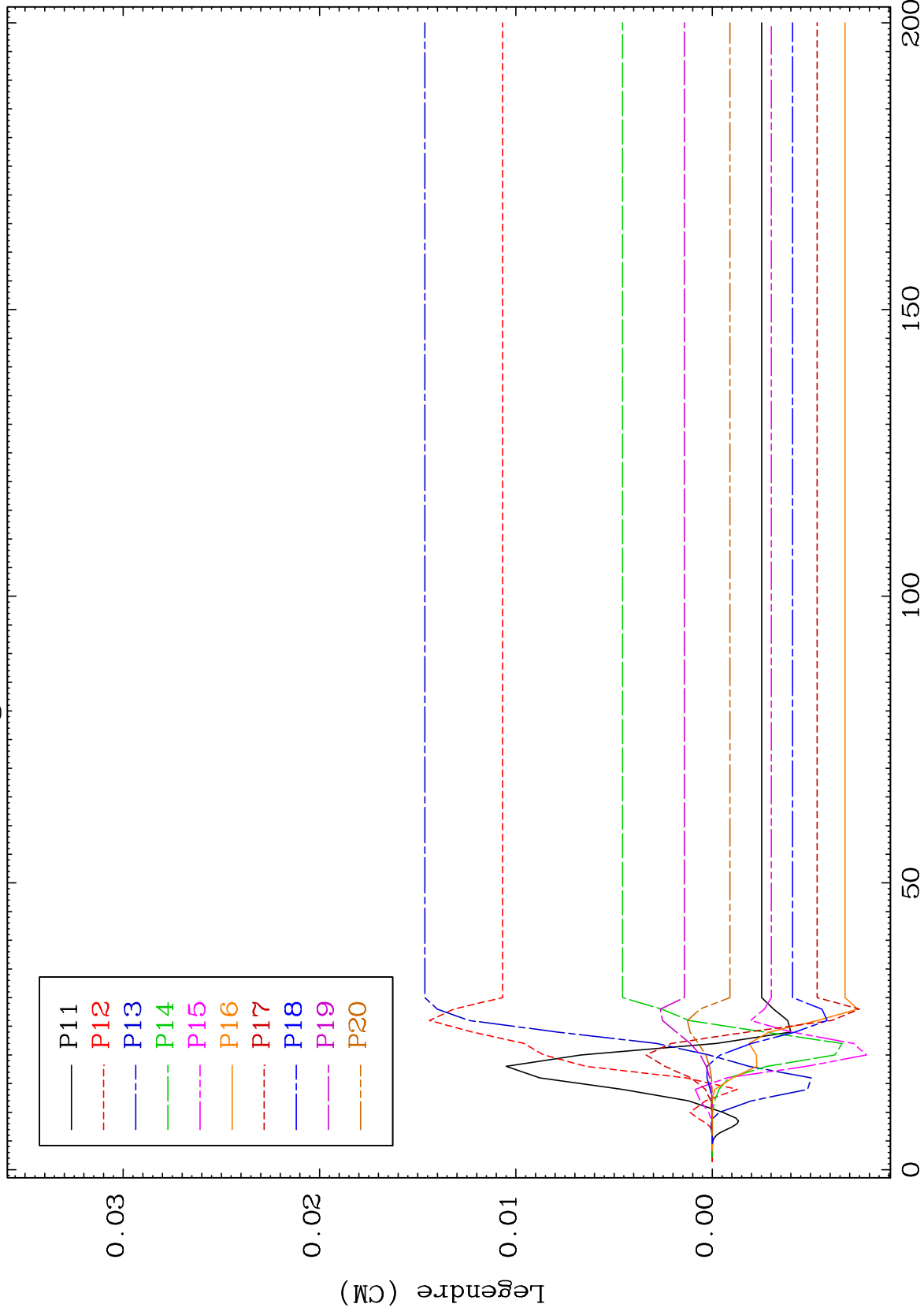




MAT 7895

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

79-Au-187



66

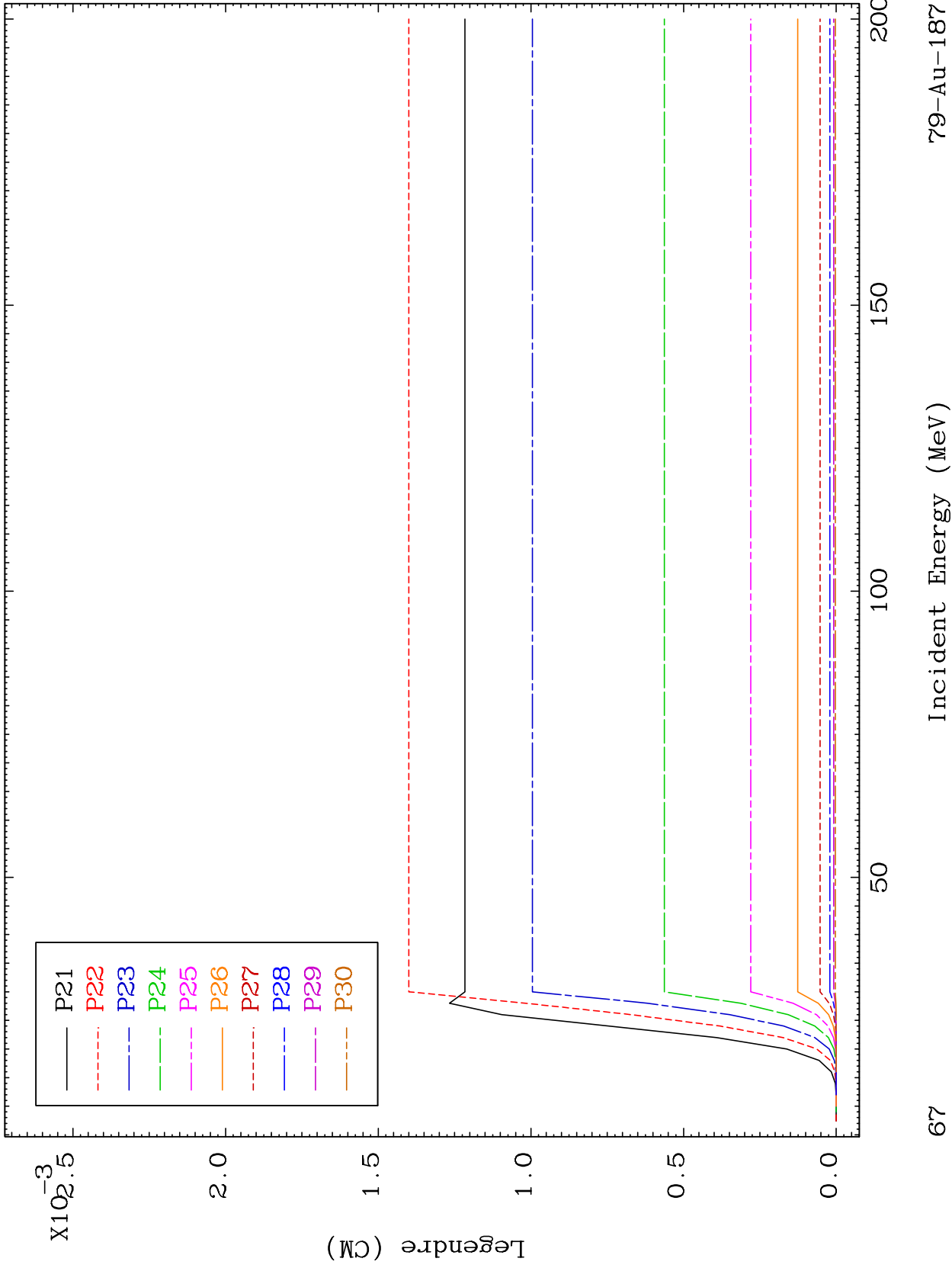
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187



67

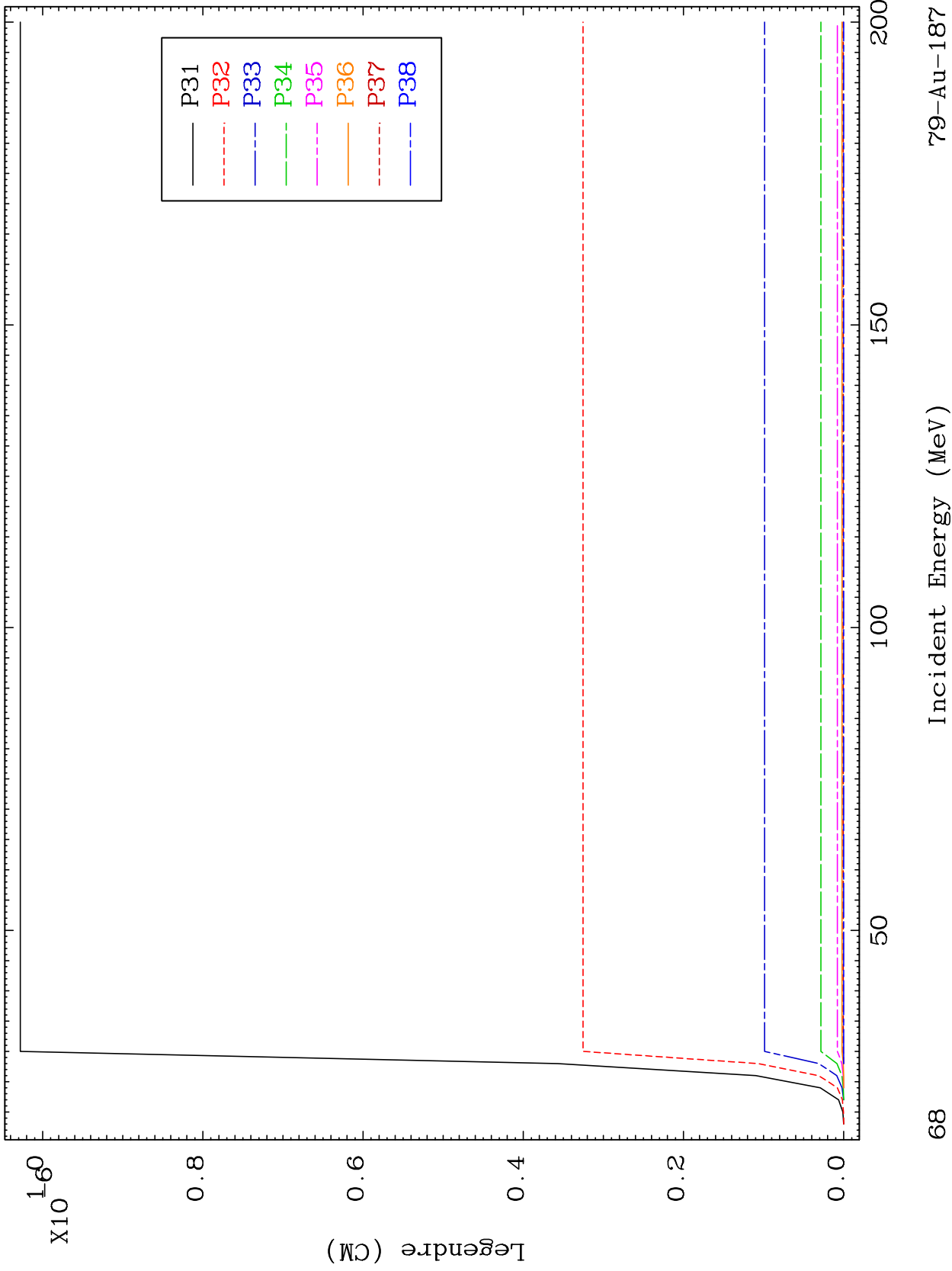
Incident Energy (MeV)

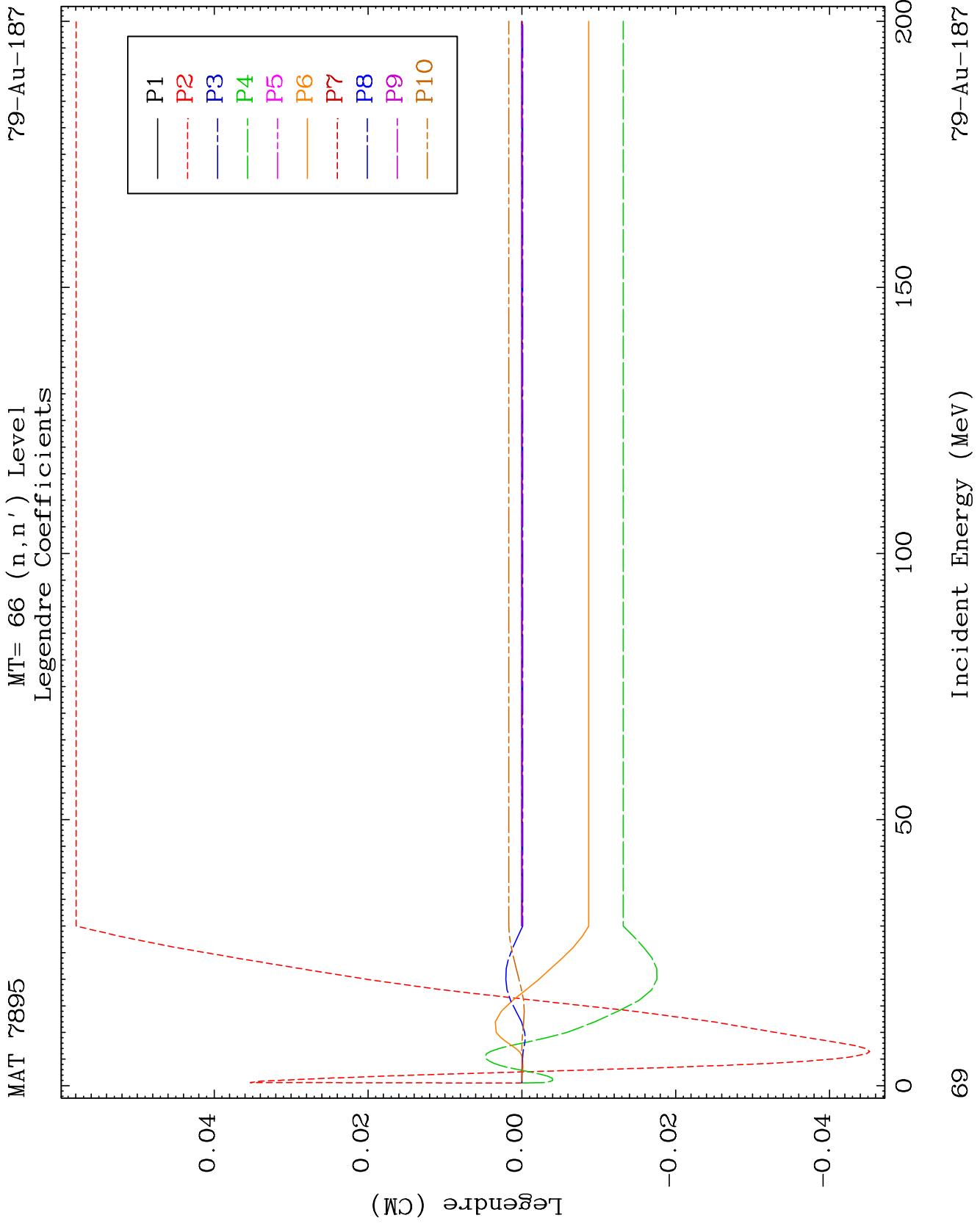
79-Au-187

MAT 7895

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

79-Au-187

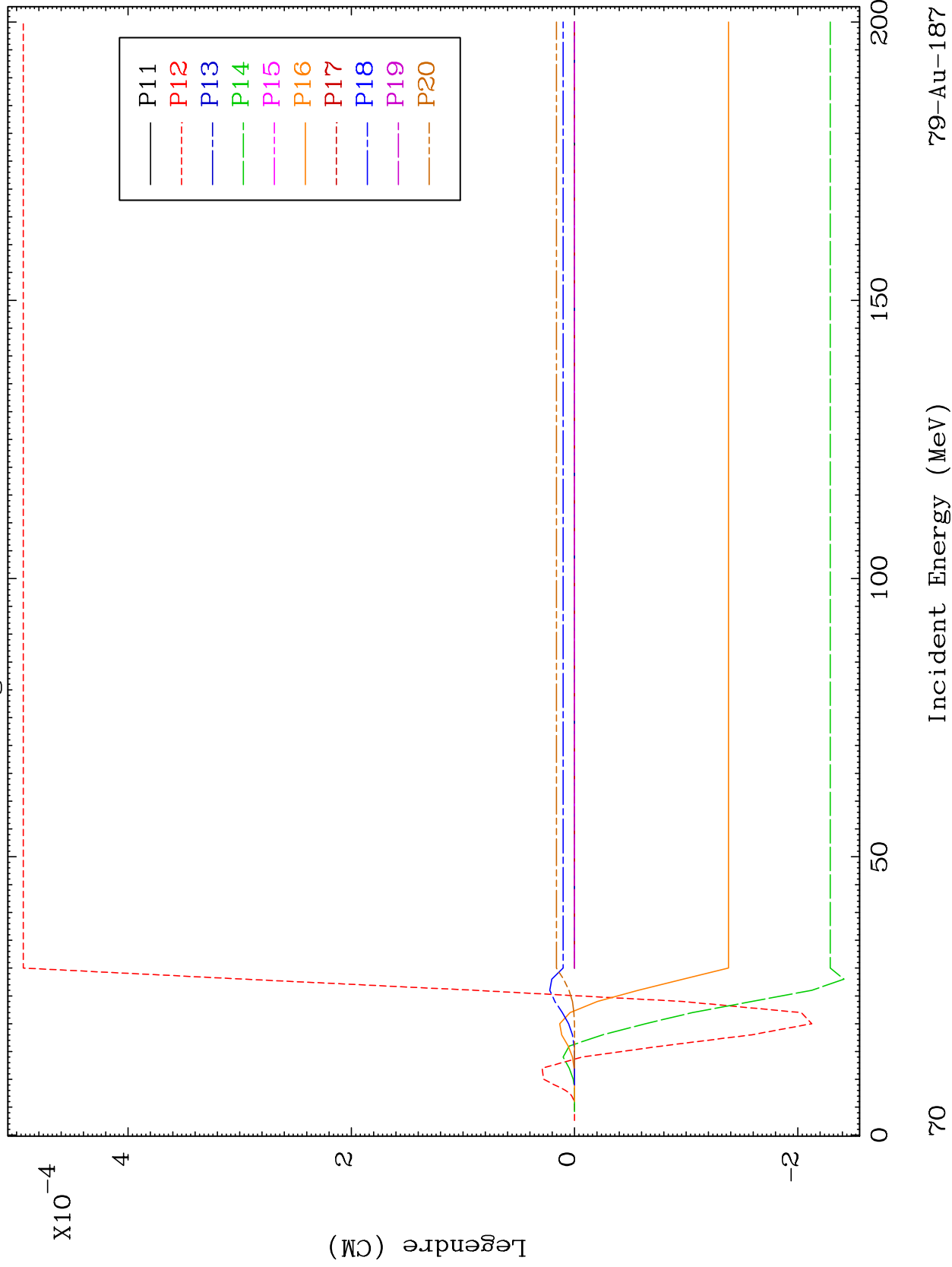




MAT 7895

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

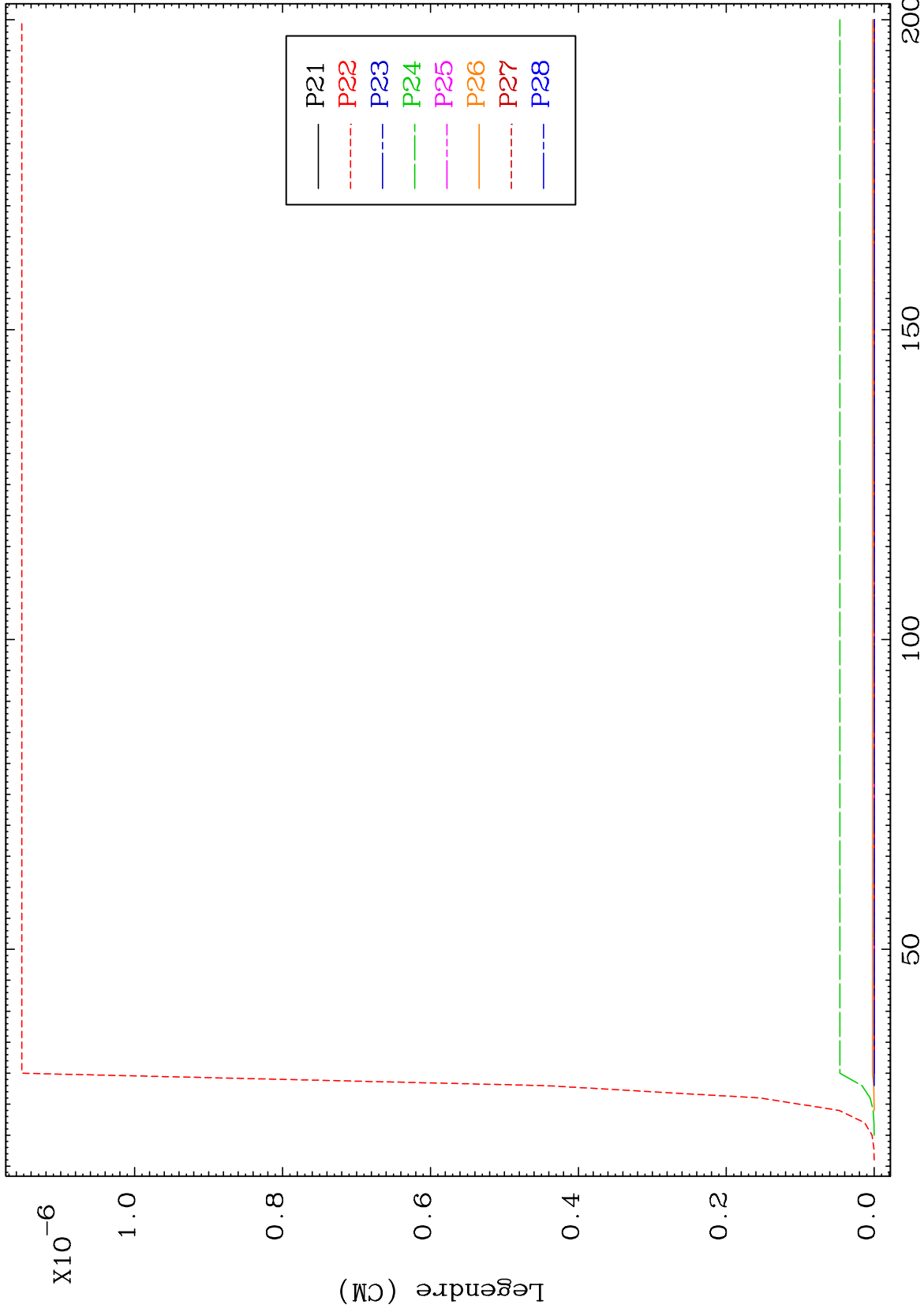
79-Au-187



MAT 7895

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

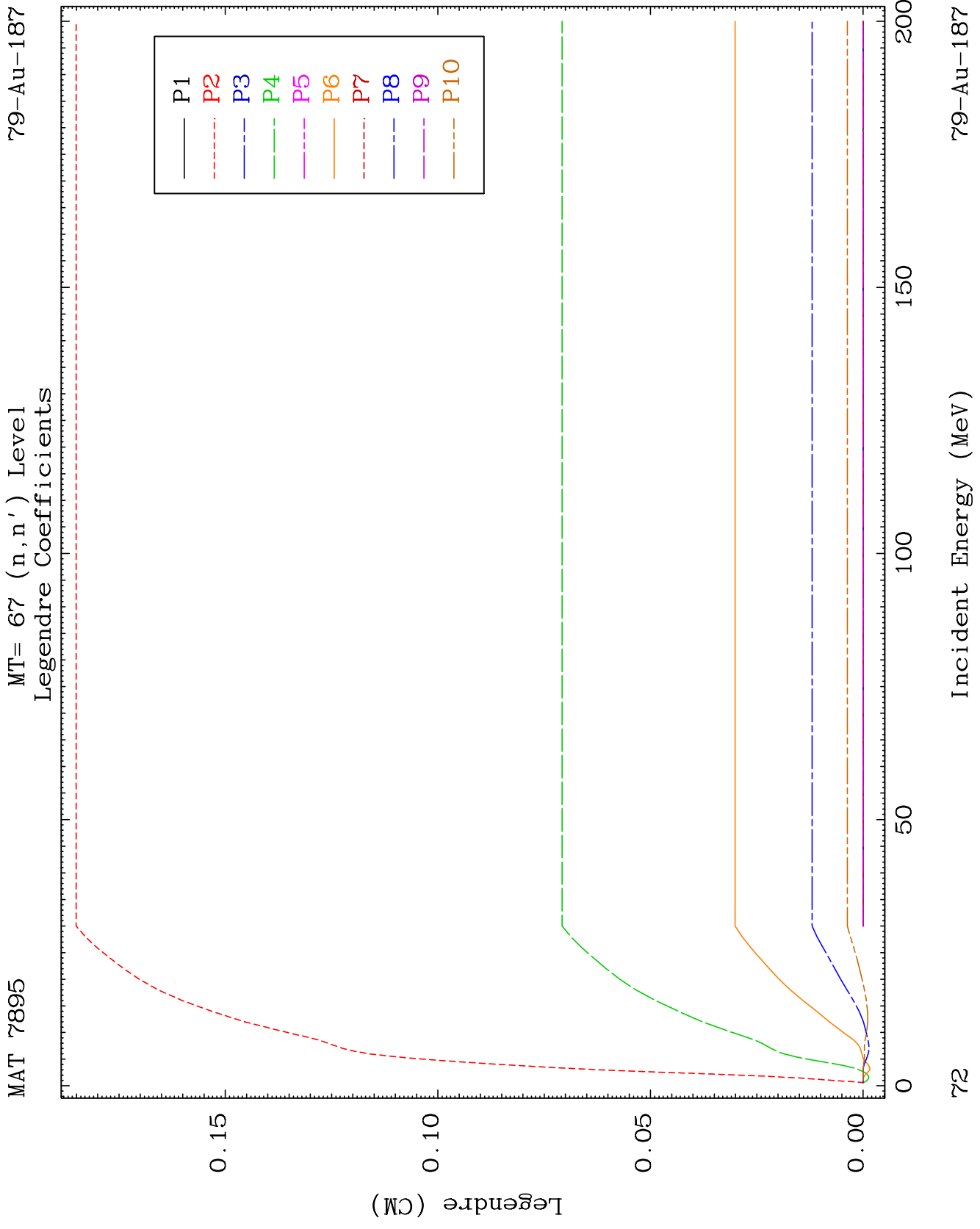
79-Au-187



71

Incident Energy (MeV)

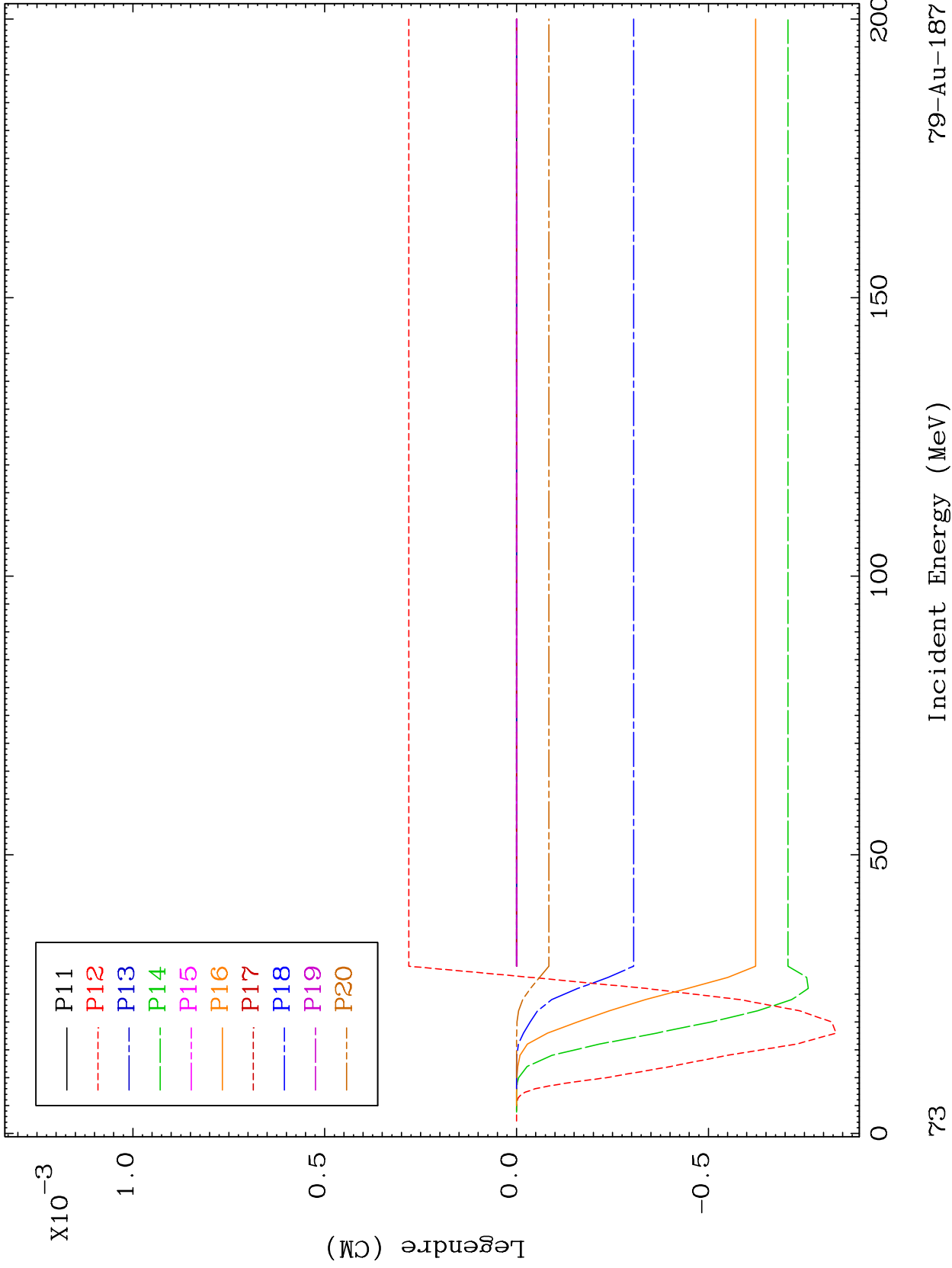
79-Au-187



MAT 7895

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

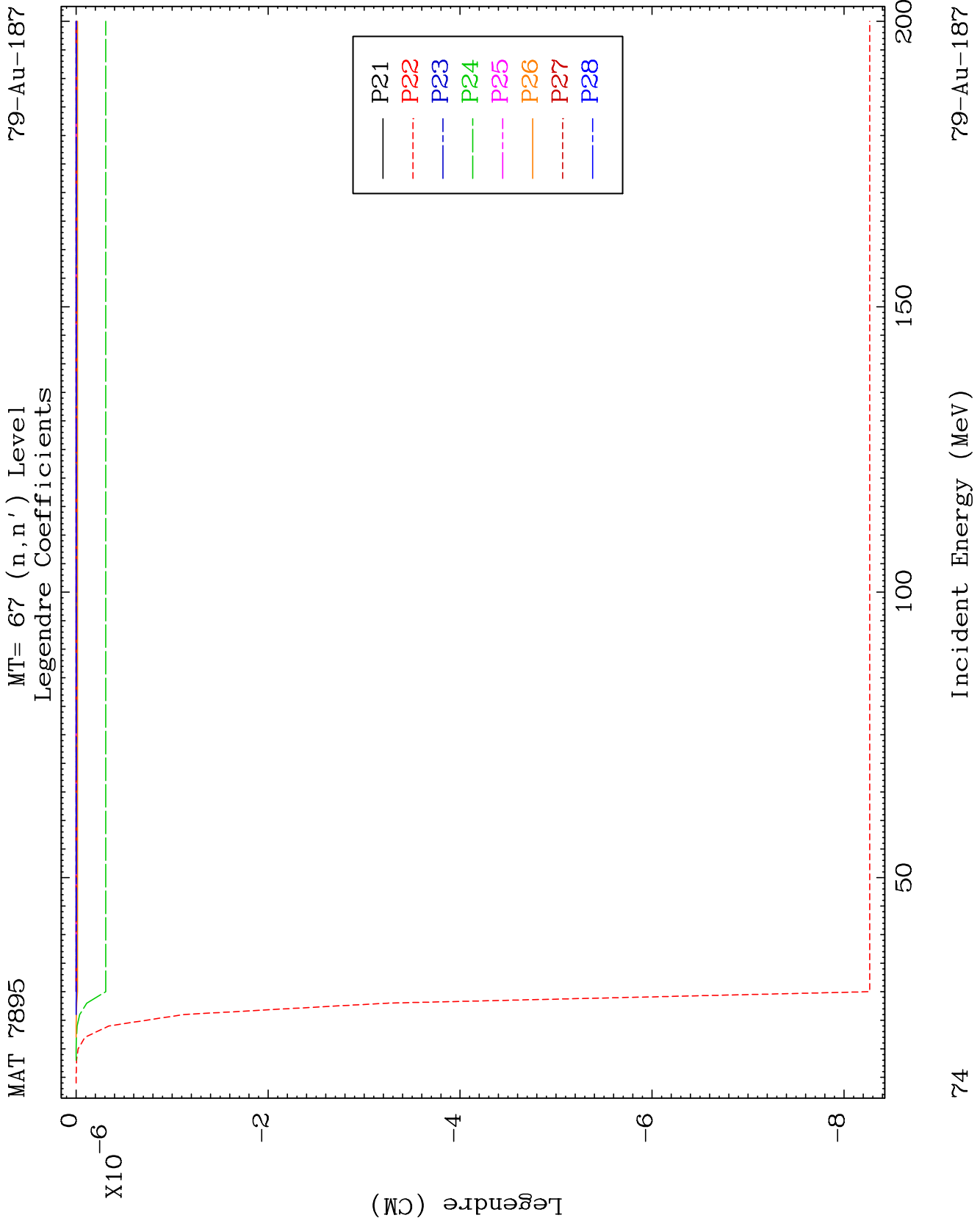
79-Au-187

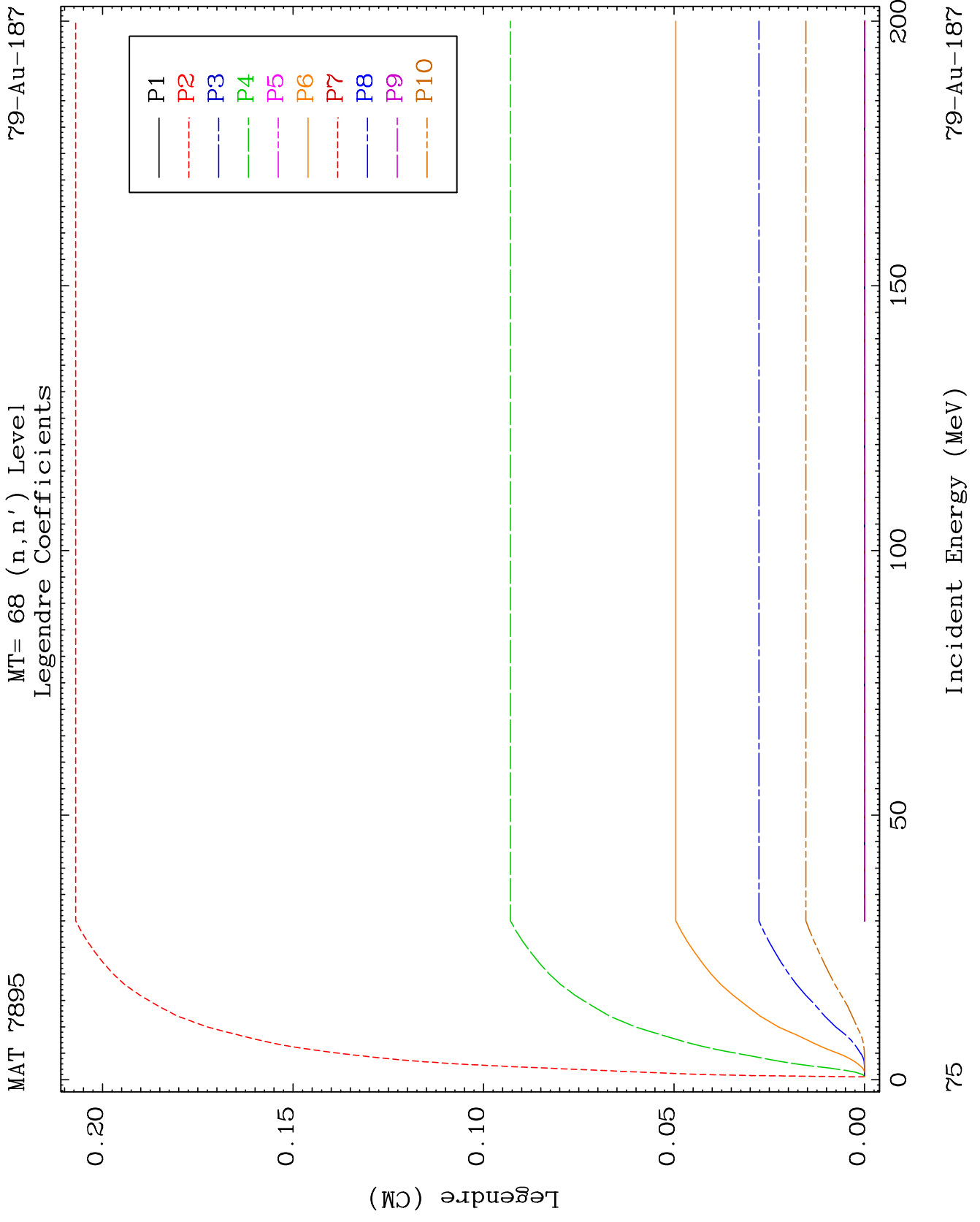


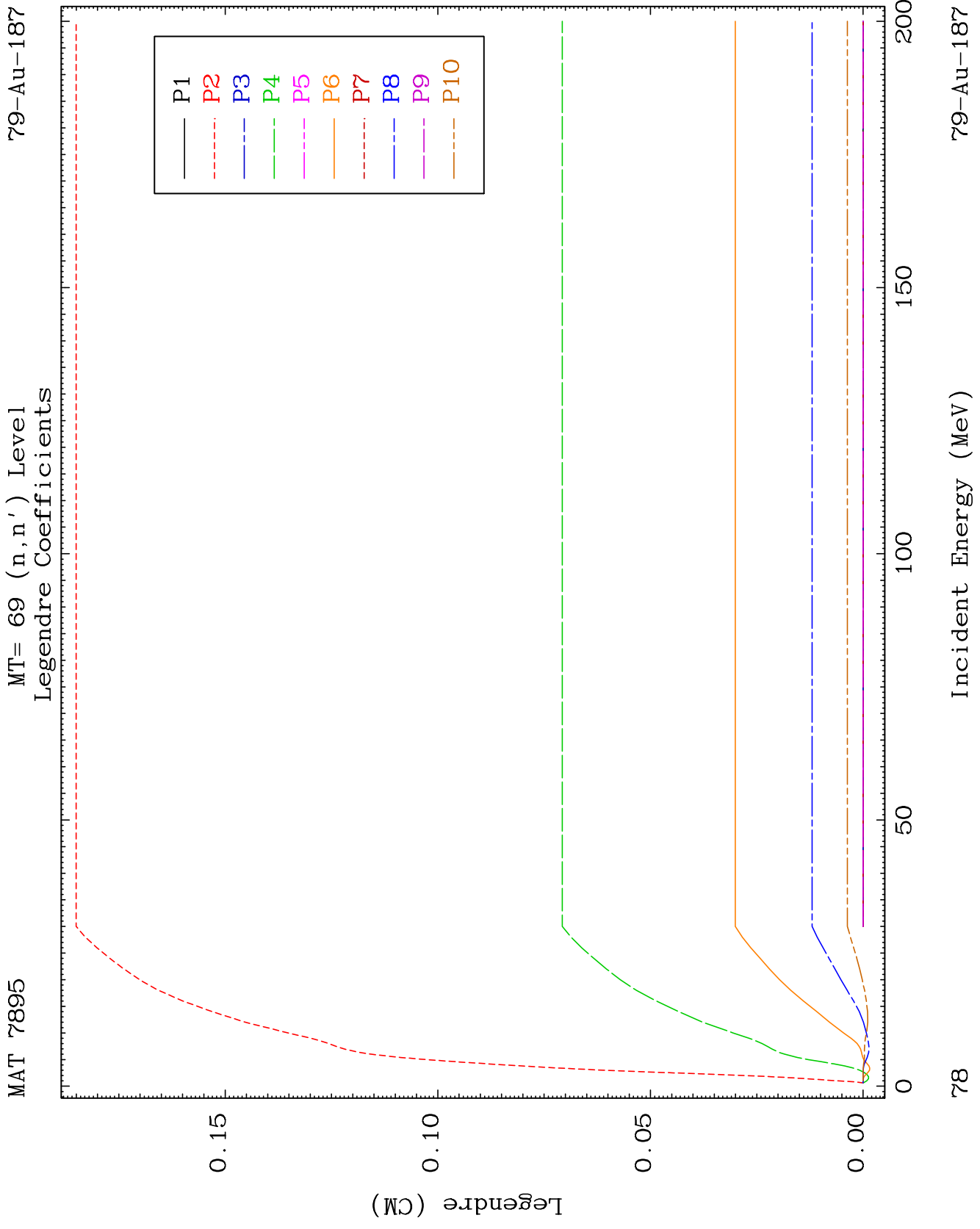
73

Incident Energy (MeV)

79-Au-187



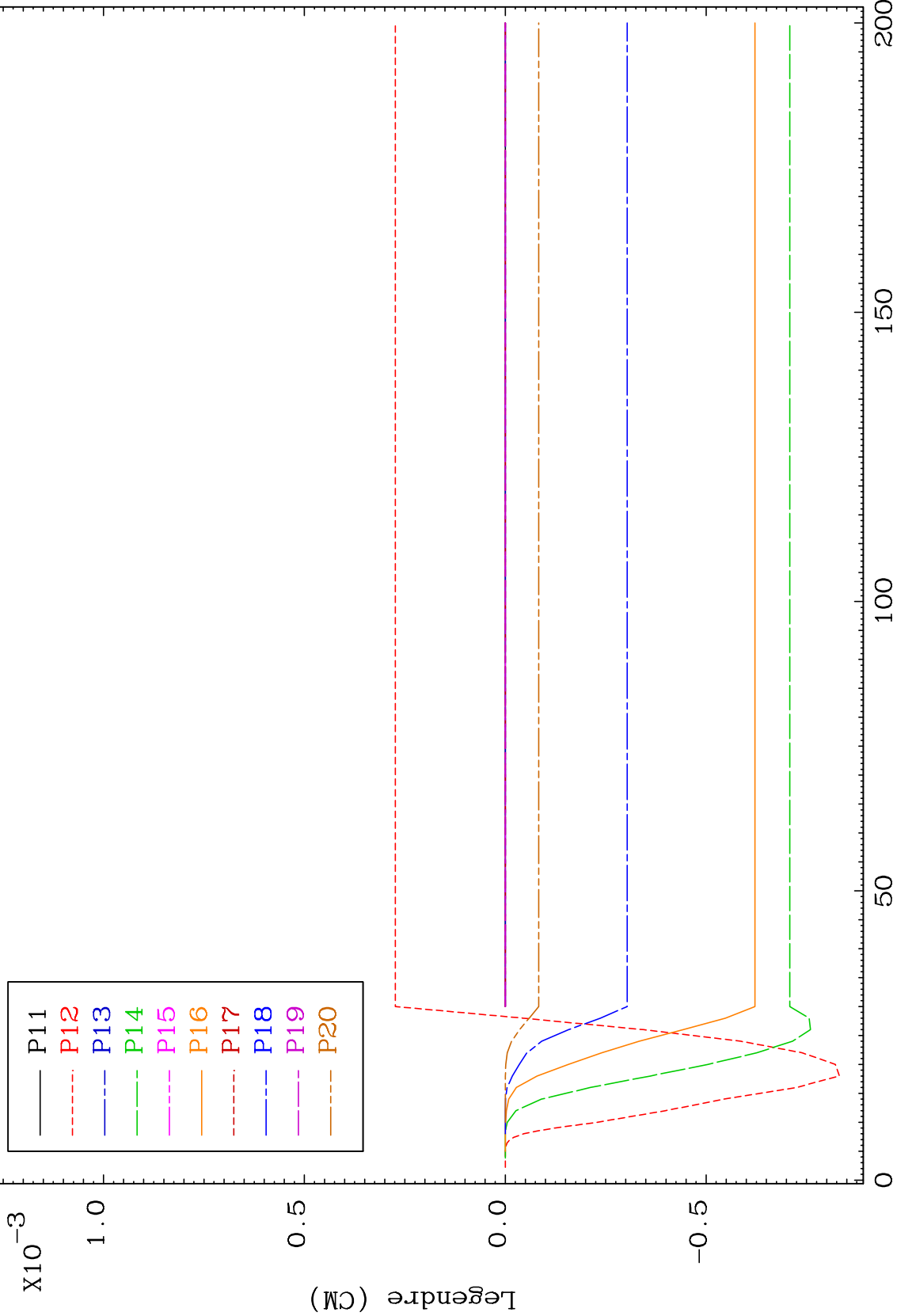
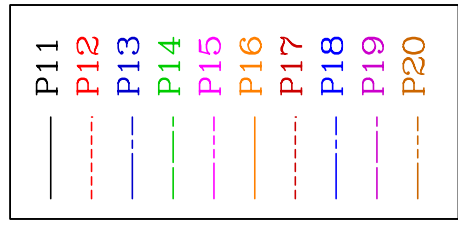




MAT 7895

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

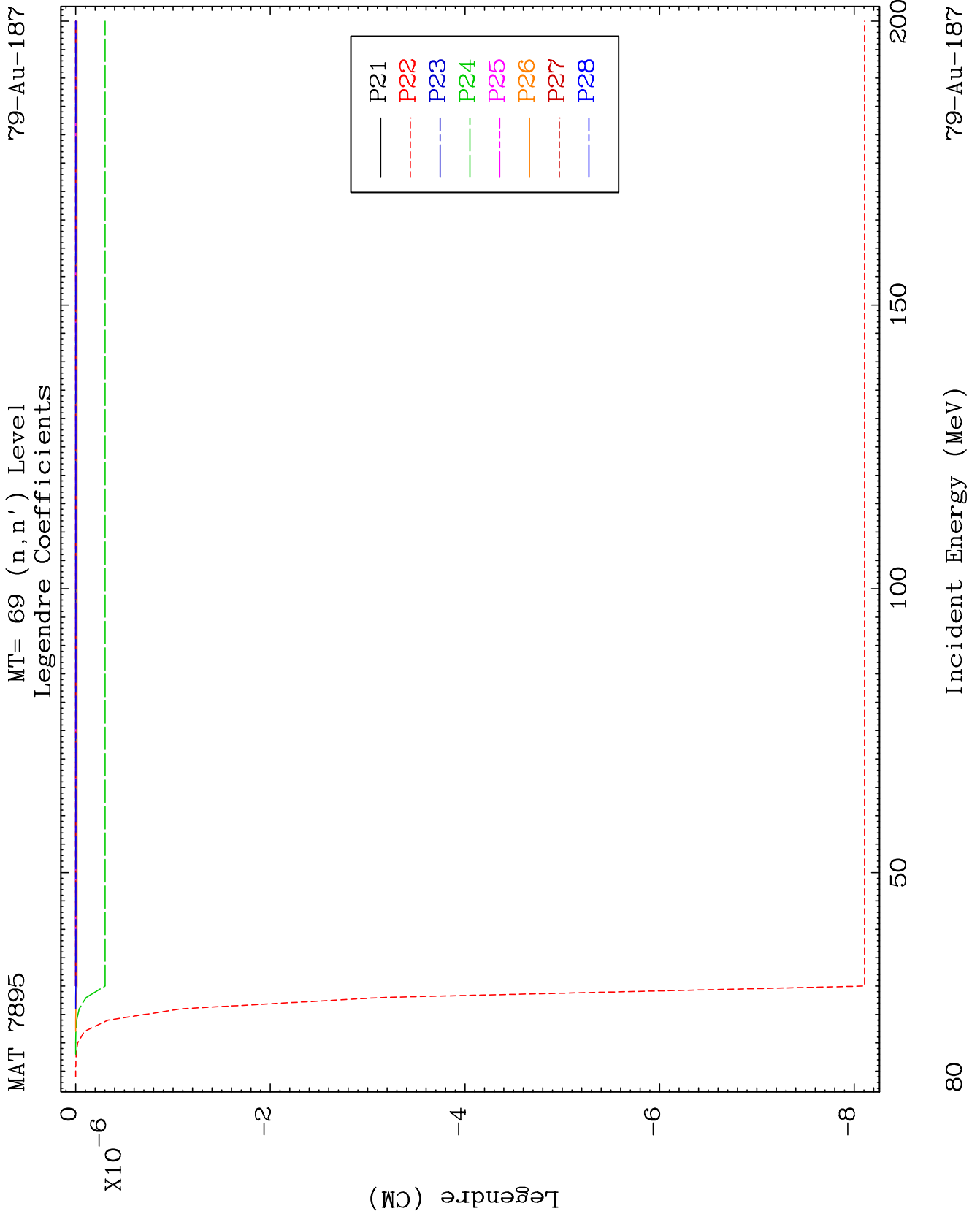
79-Au-187



79

Incident Energy (MeV)

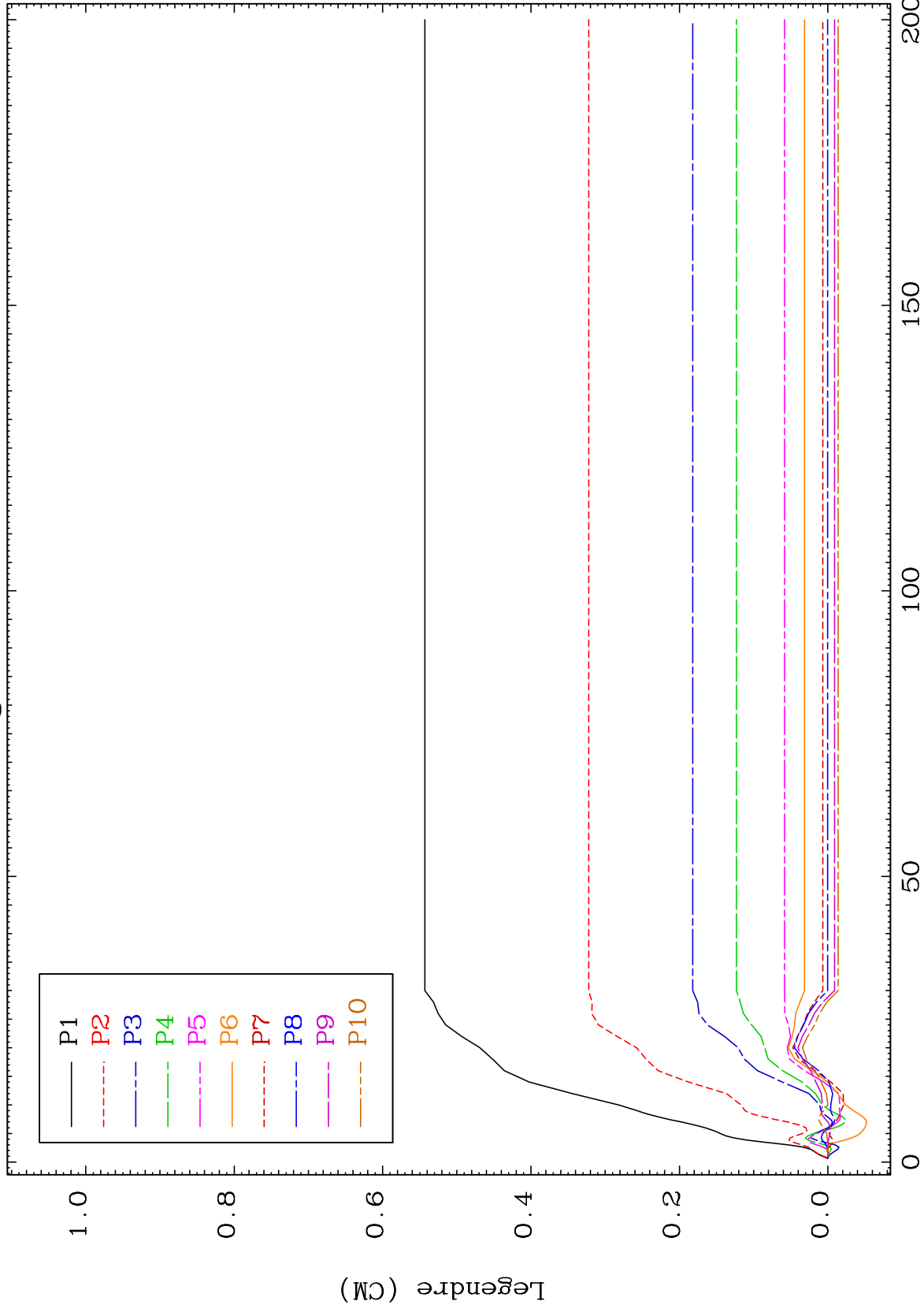
79-Au-187



MAT 7895

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

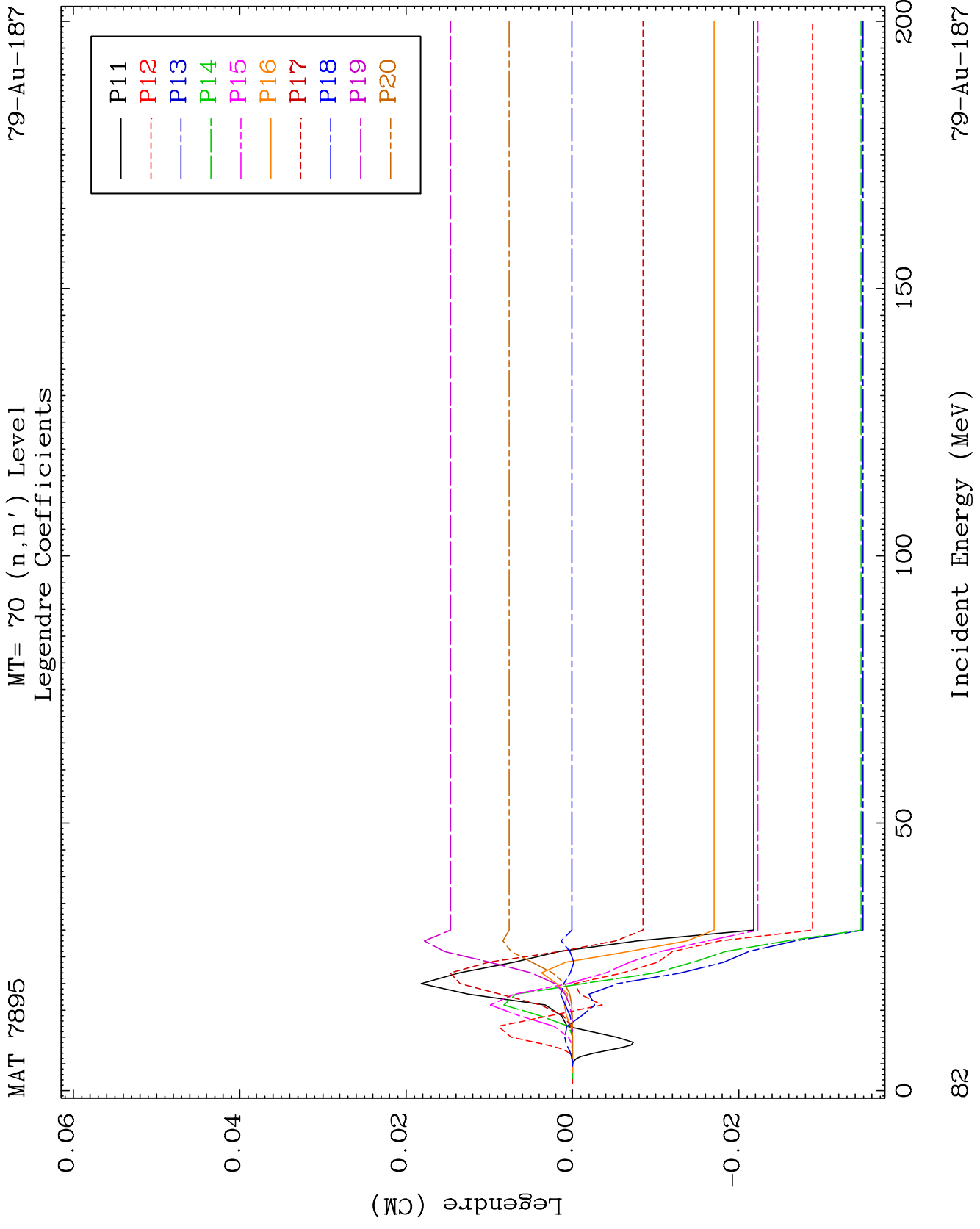
79-Au-187

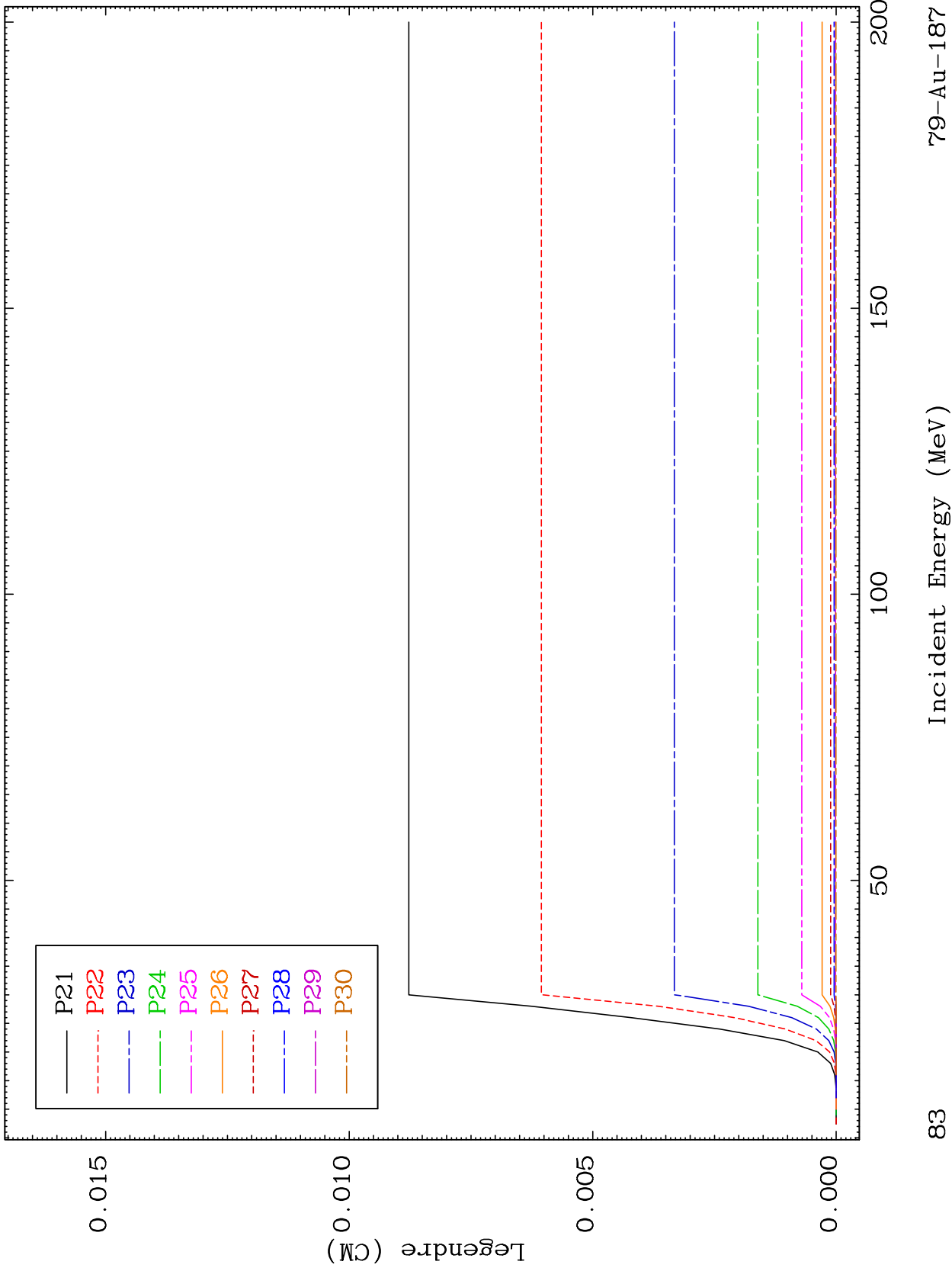


81

Incident Energy (MeV)

79-Au-187

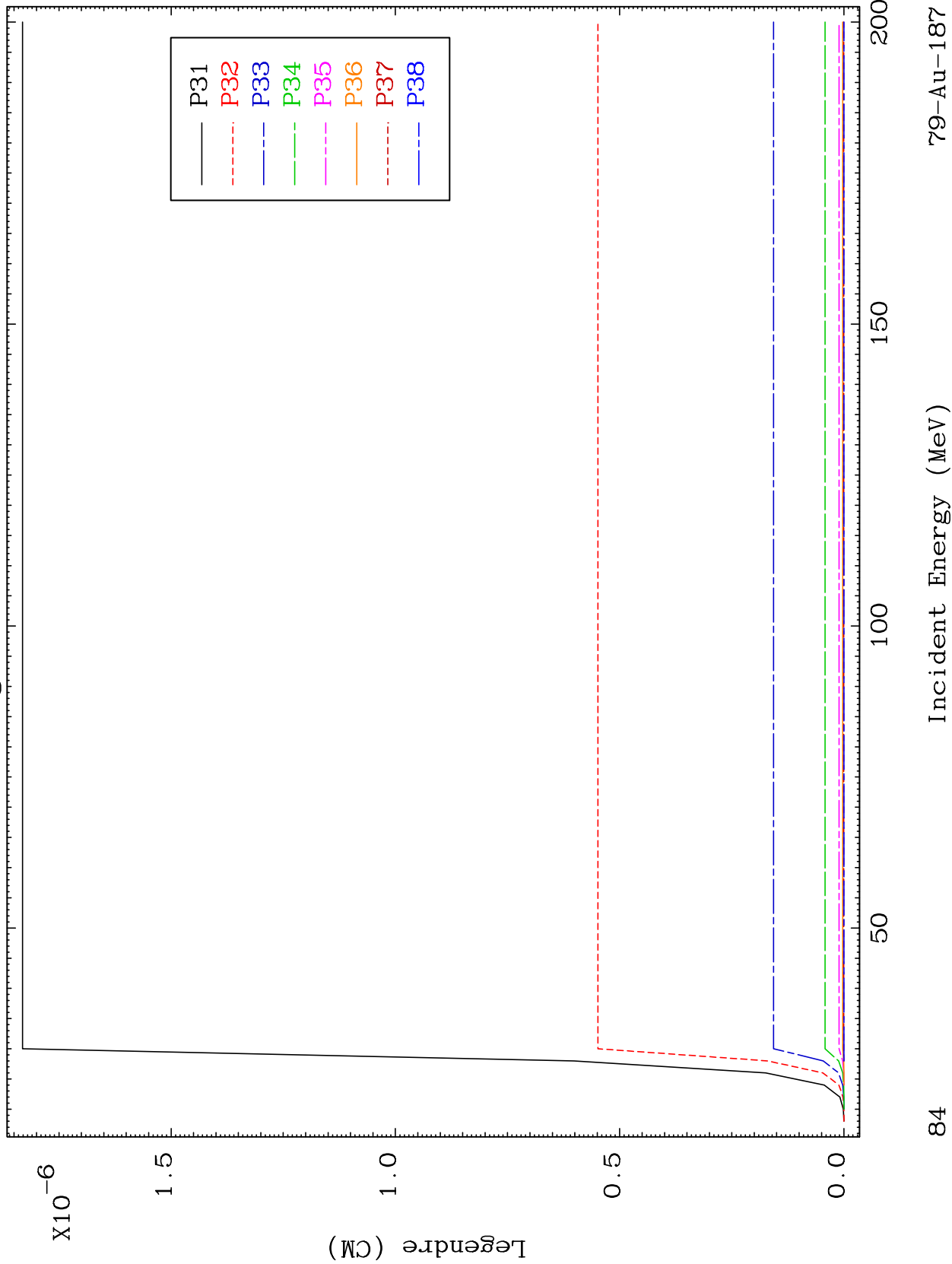




MAT 7895

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

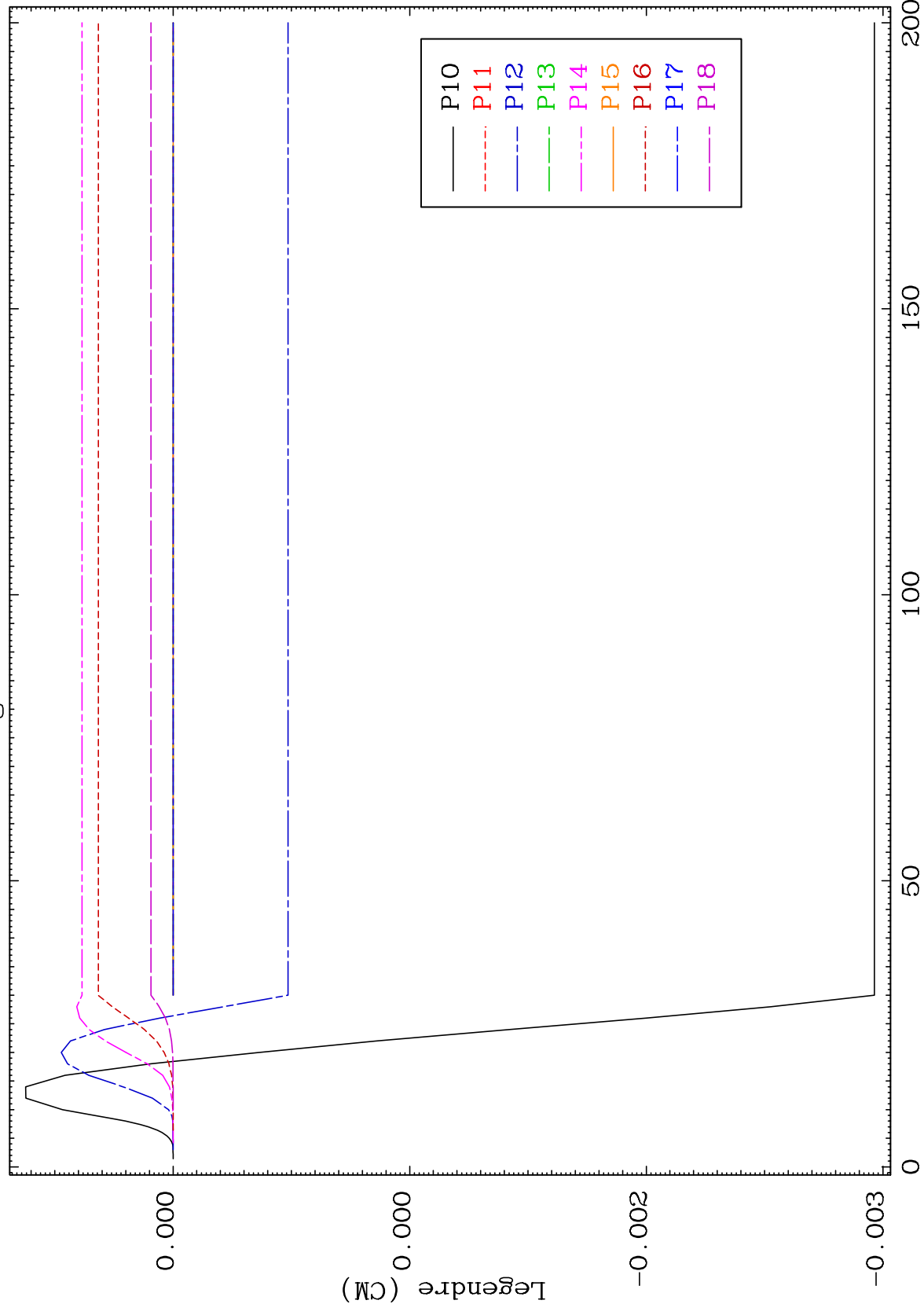
79-Au-187



MAT 7895

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

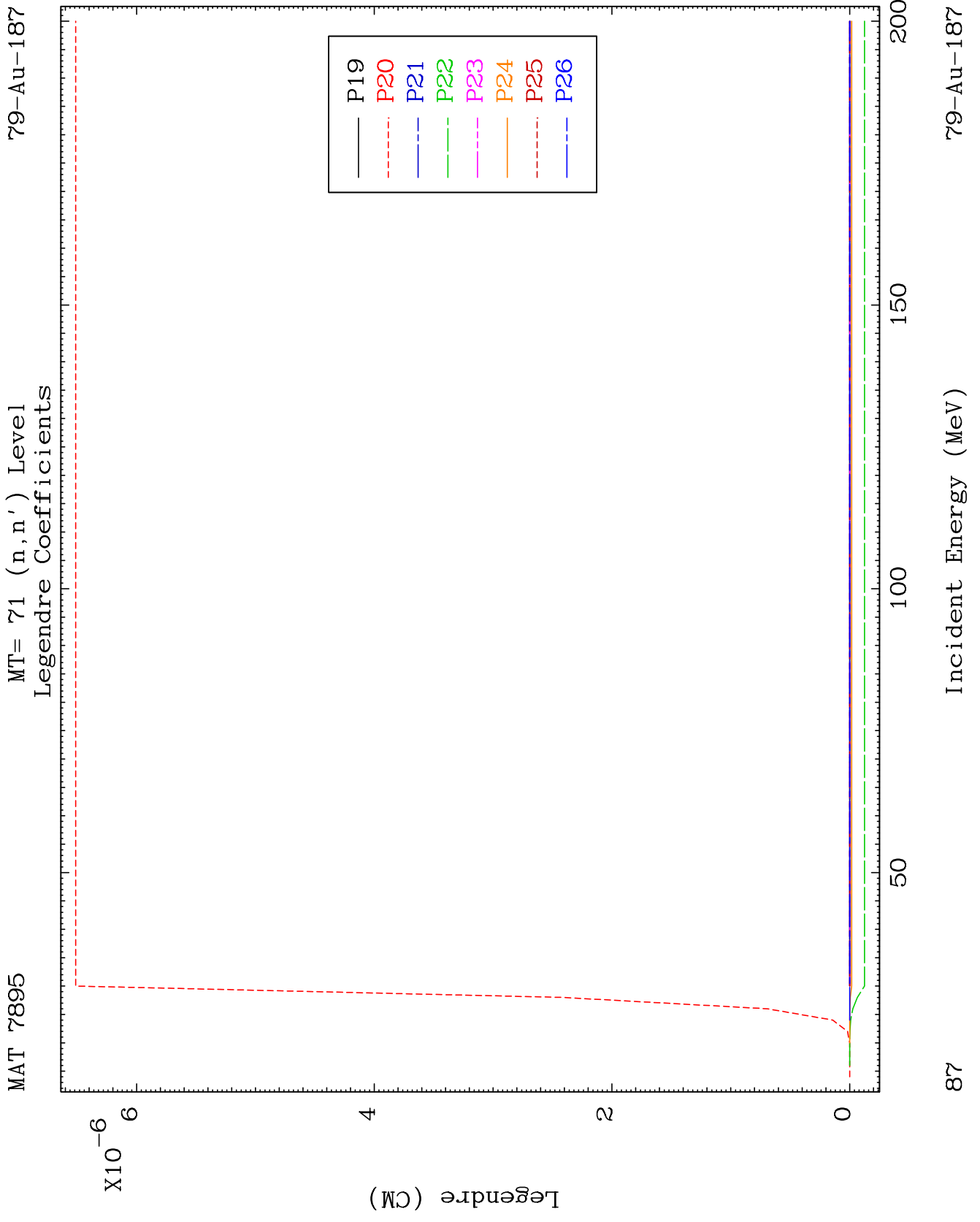
79-Au-187

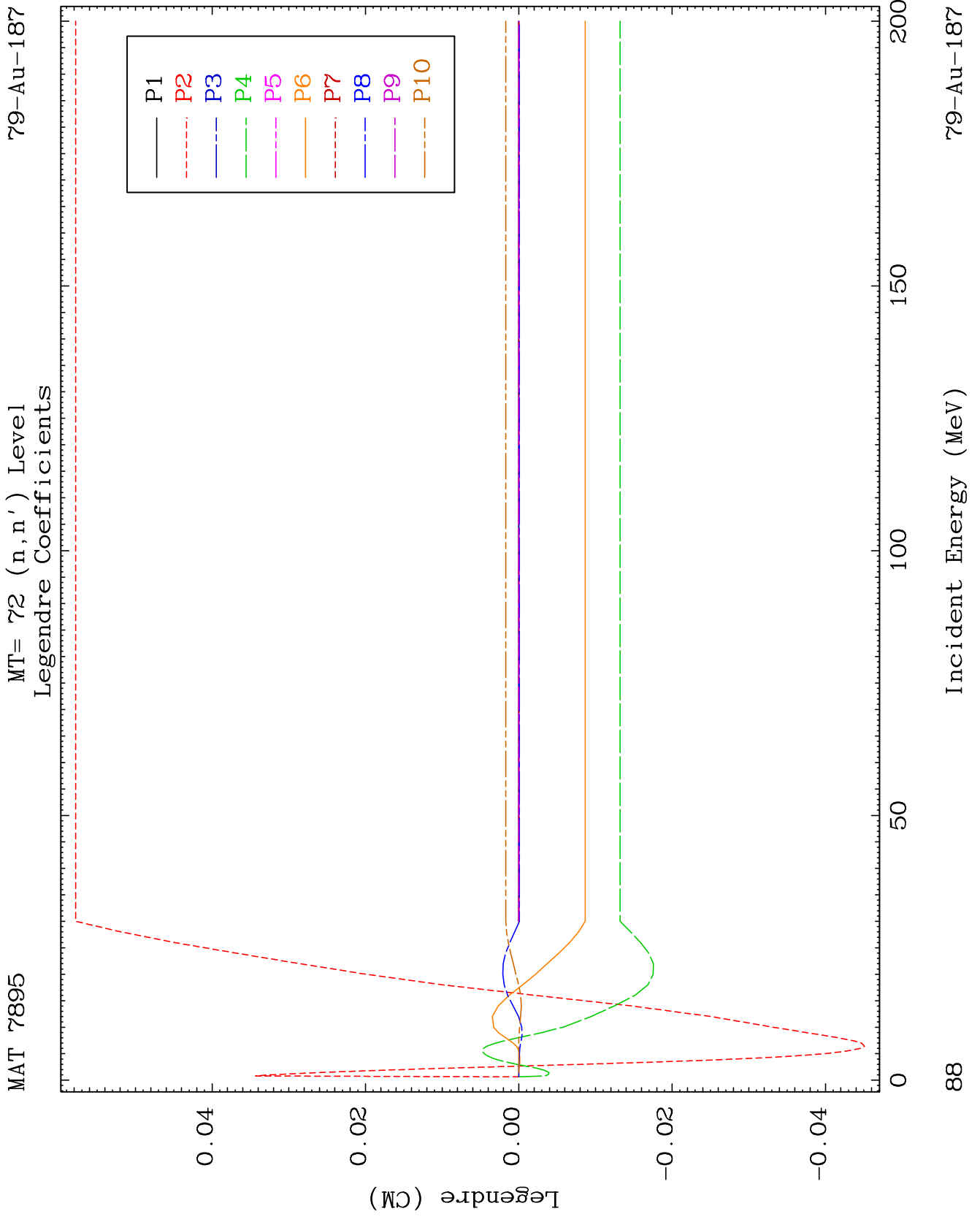


86

Incident Energy (MeV)

79-Au-187

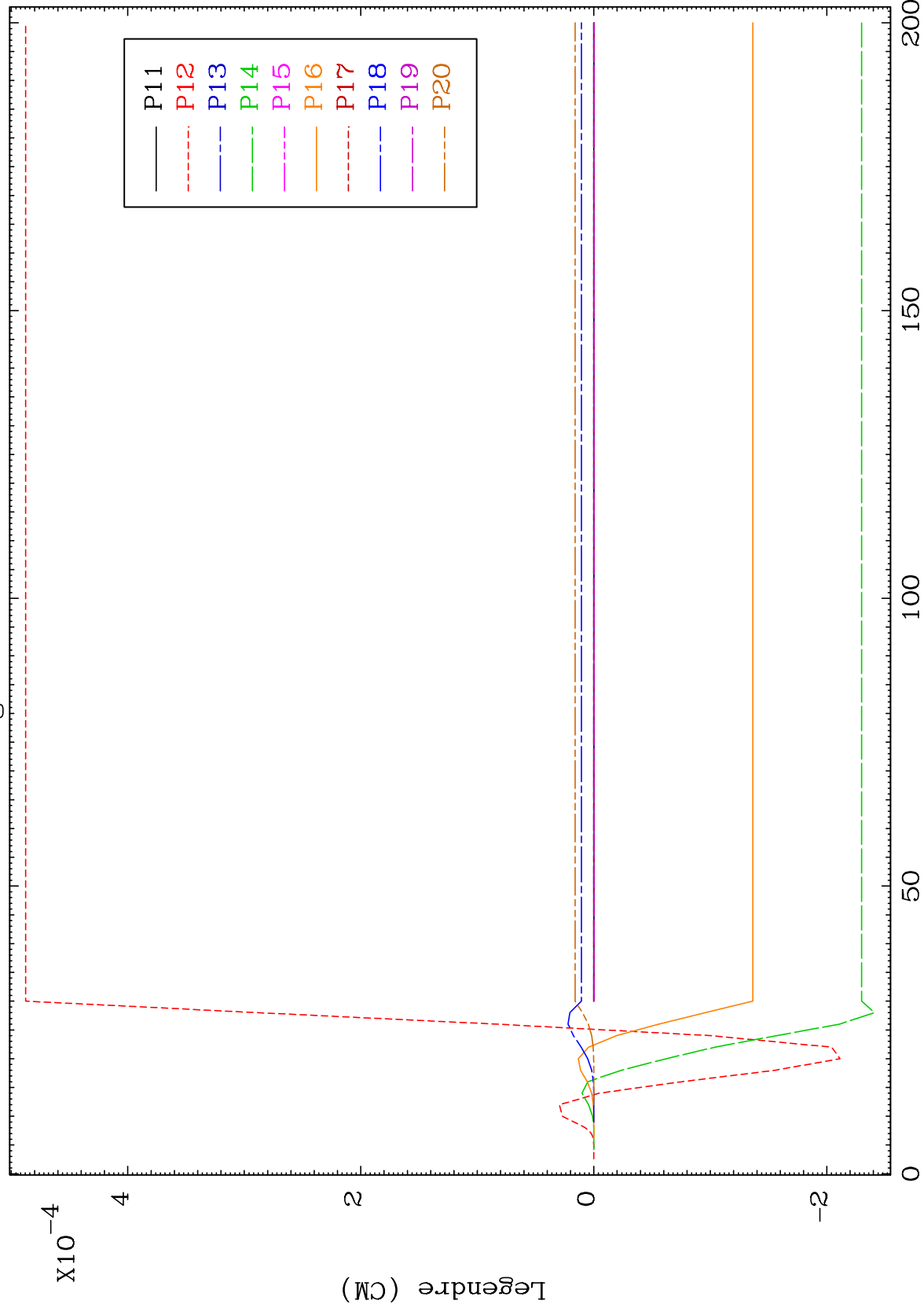




MAT 7895

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

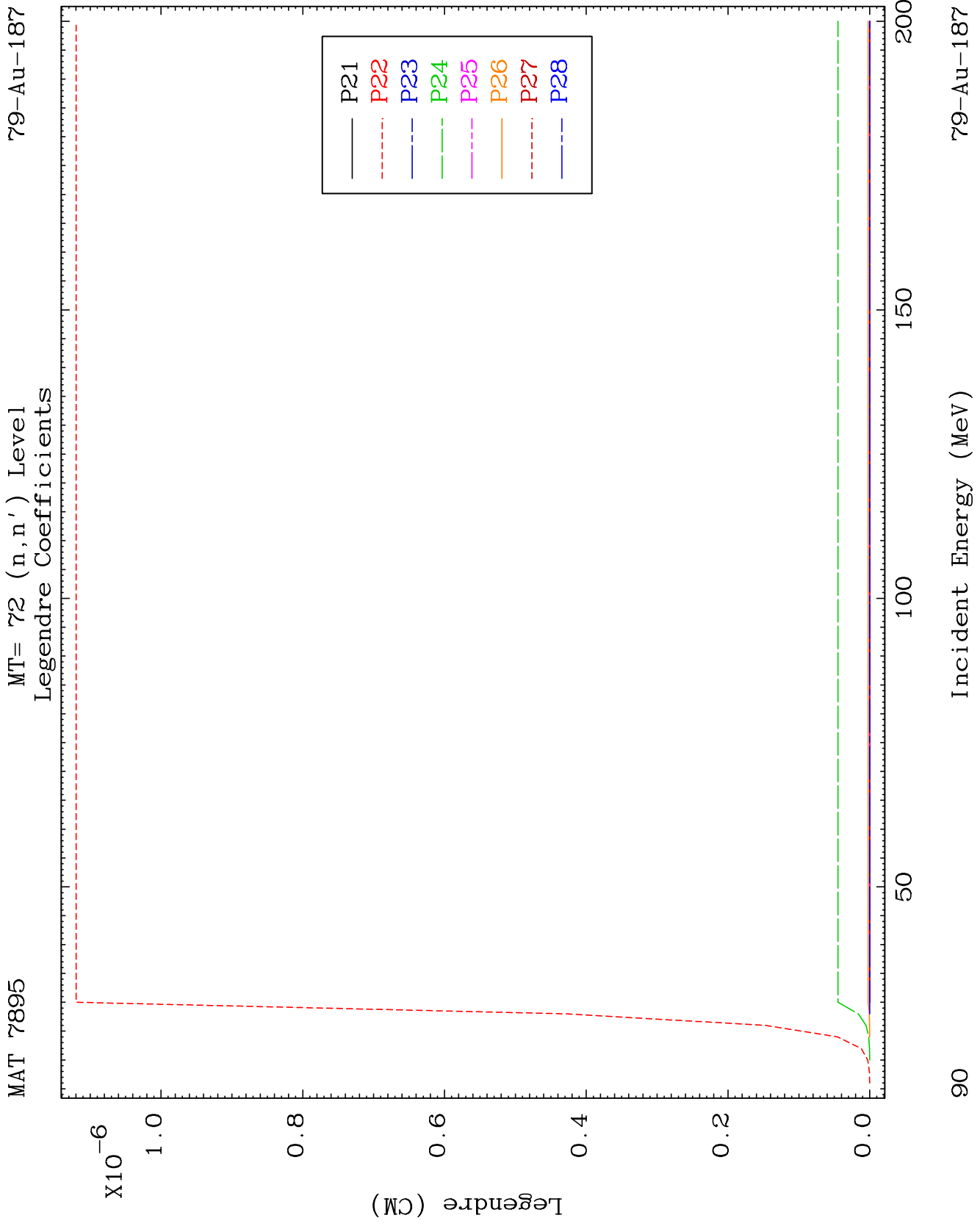
79-Au-187

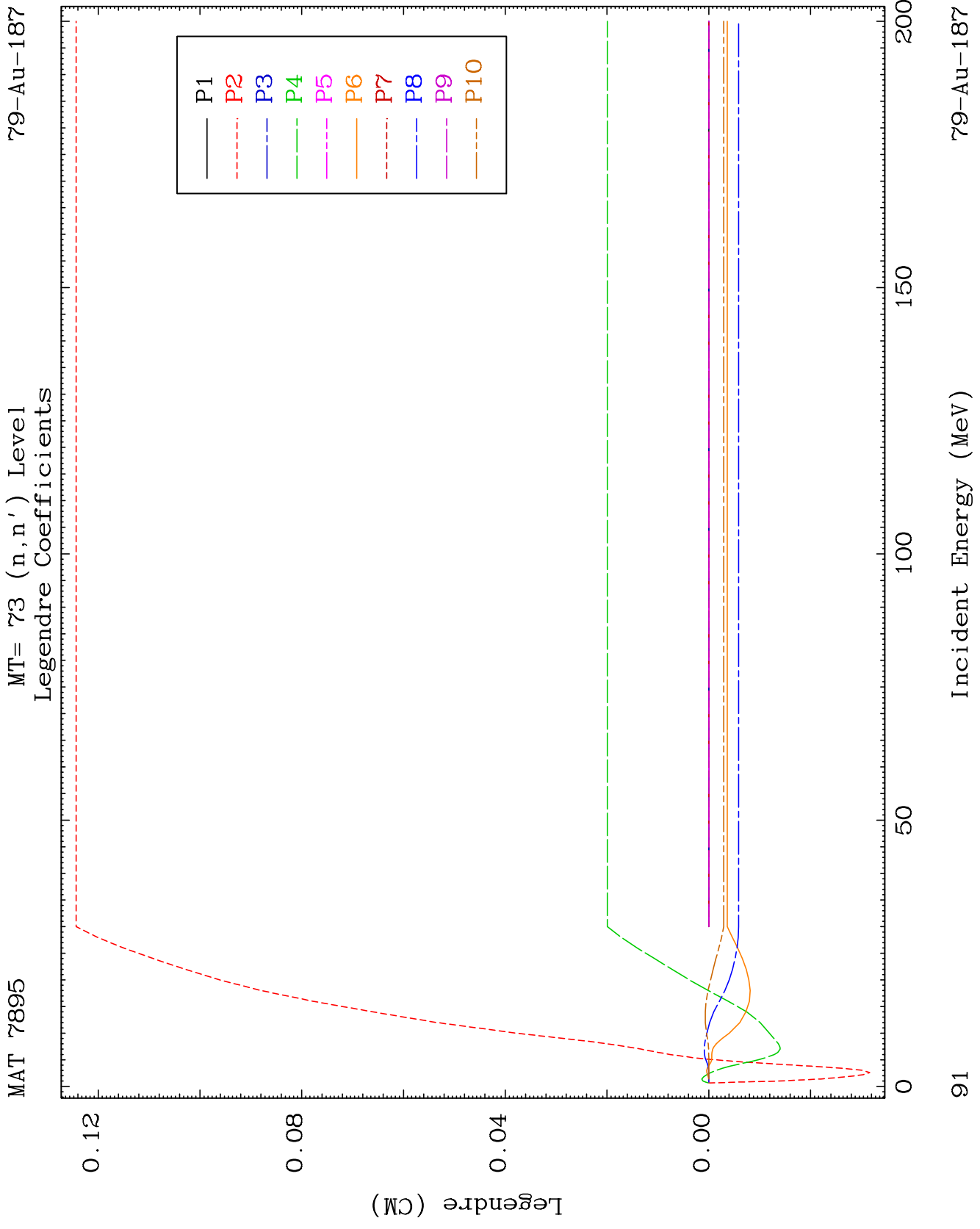


89

Incident Energy (MeV)

79-Au-187

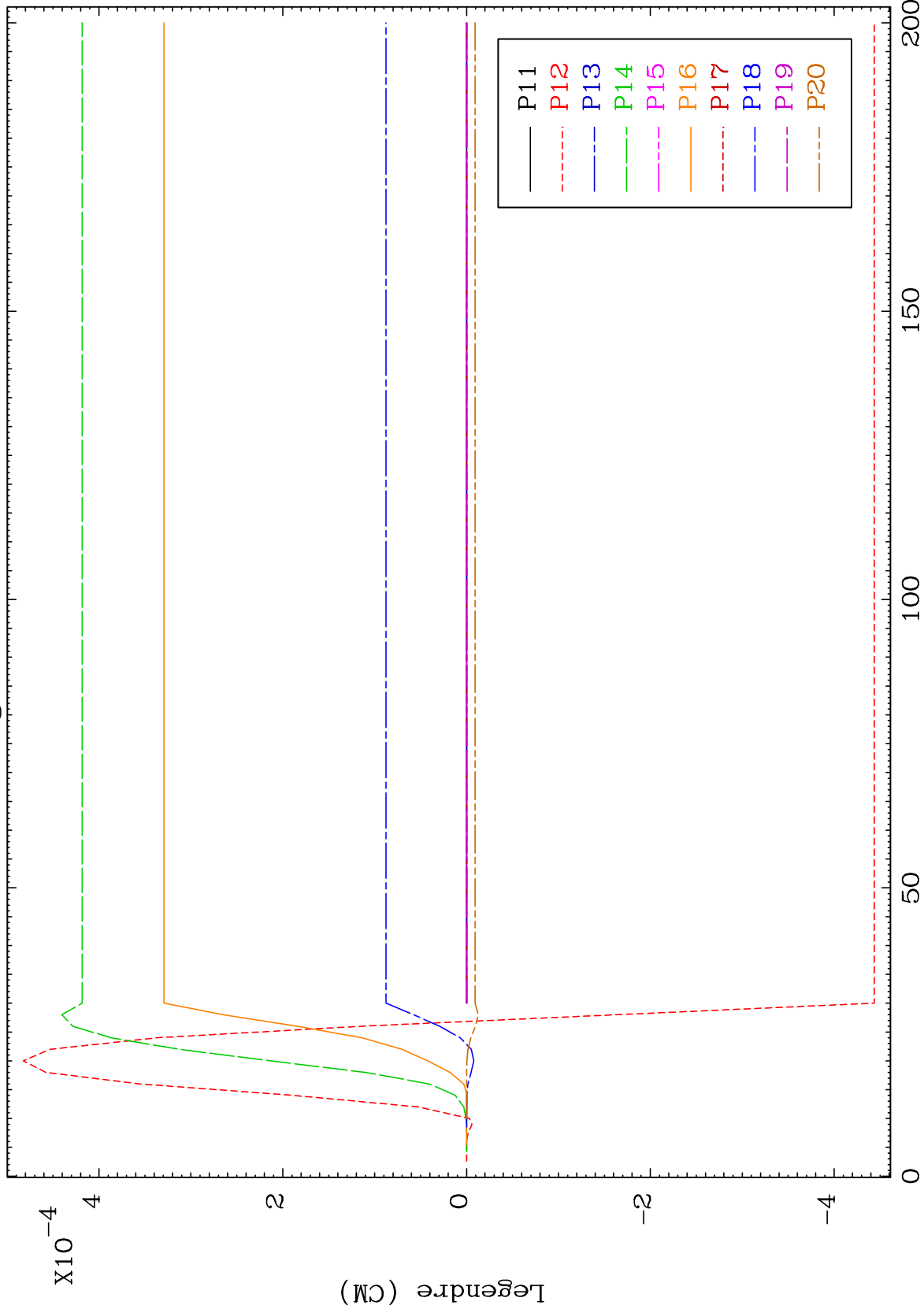




MAT 7895

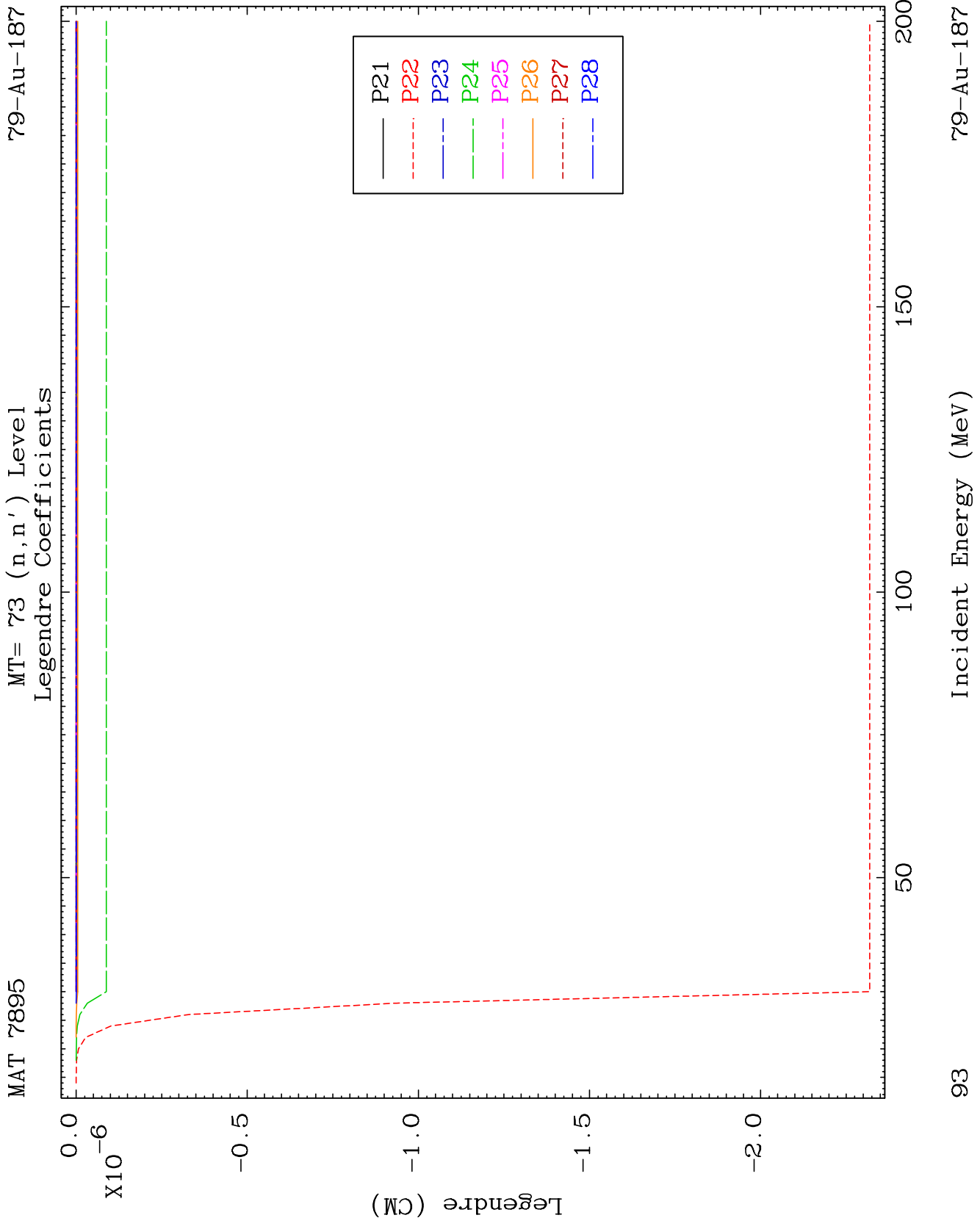
MT= 73 (n,n') Level
Legendre Coefficients

79-Au-187



92

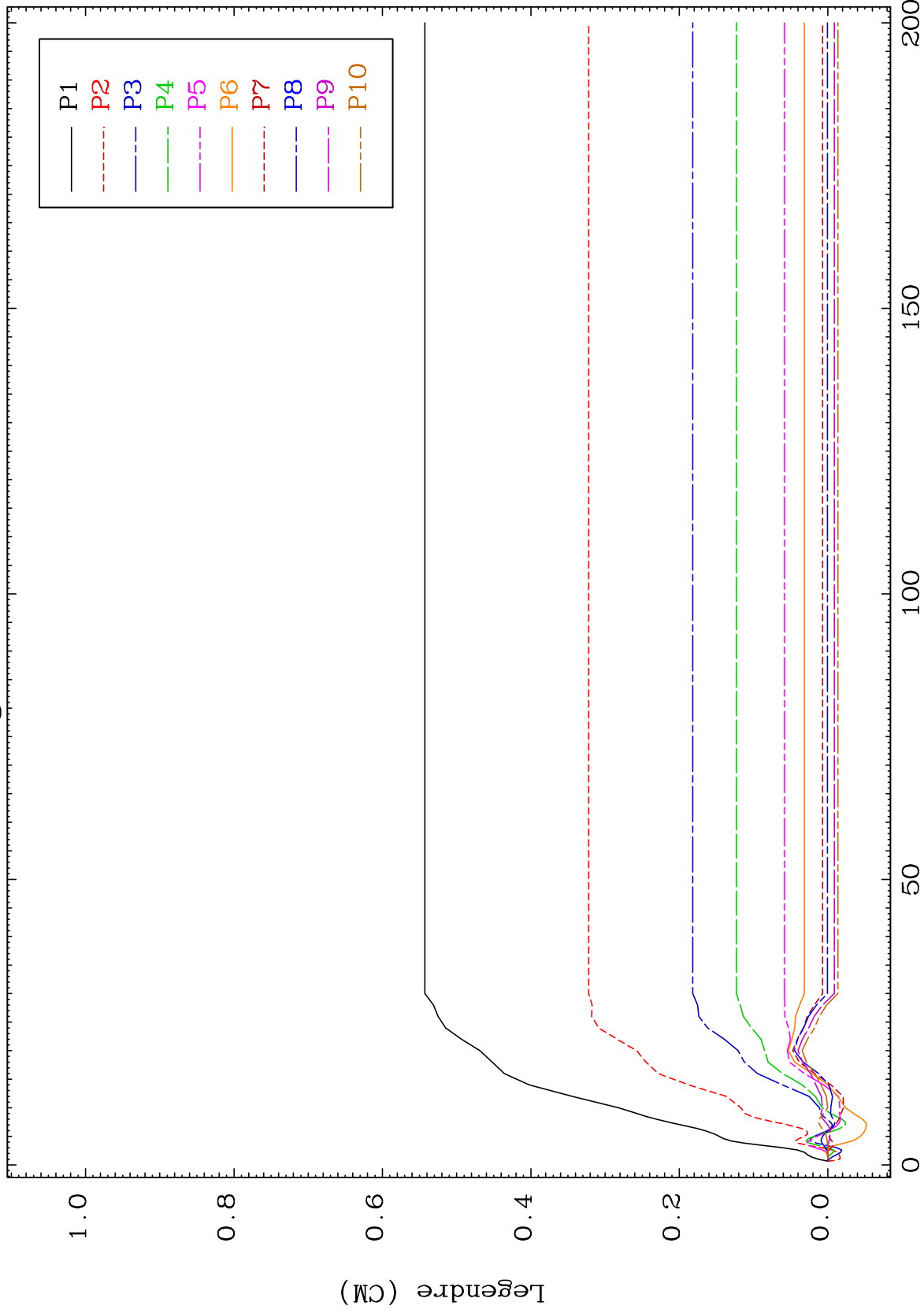
79-Au-187



MAT 7895

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

79-Au-187



94

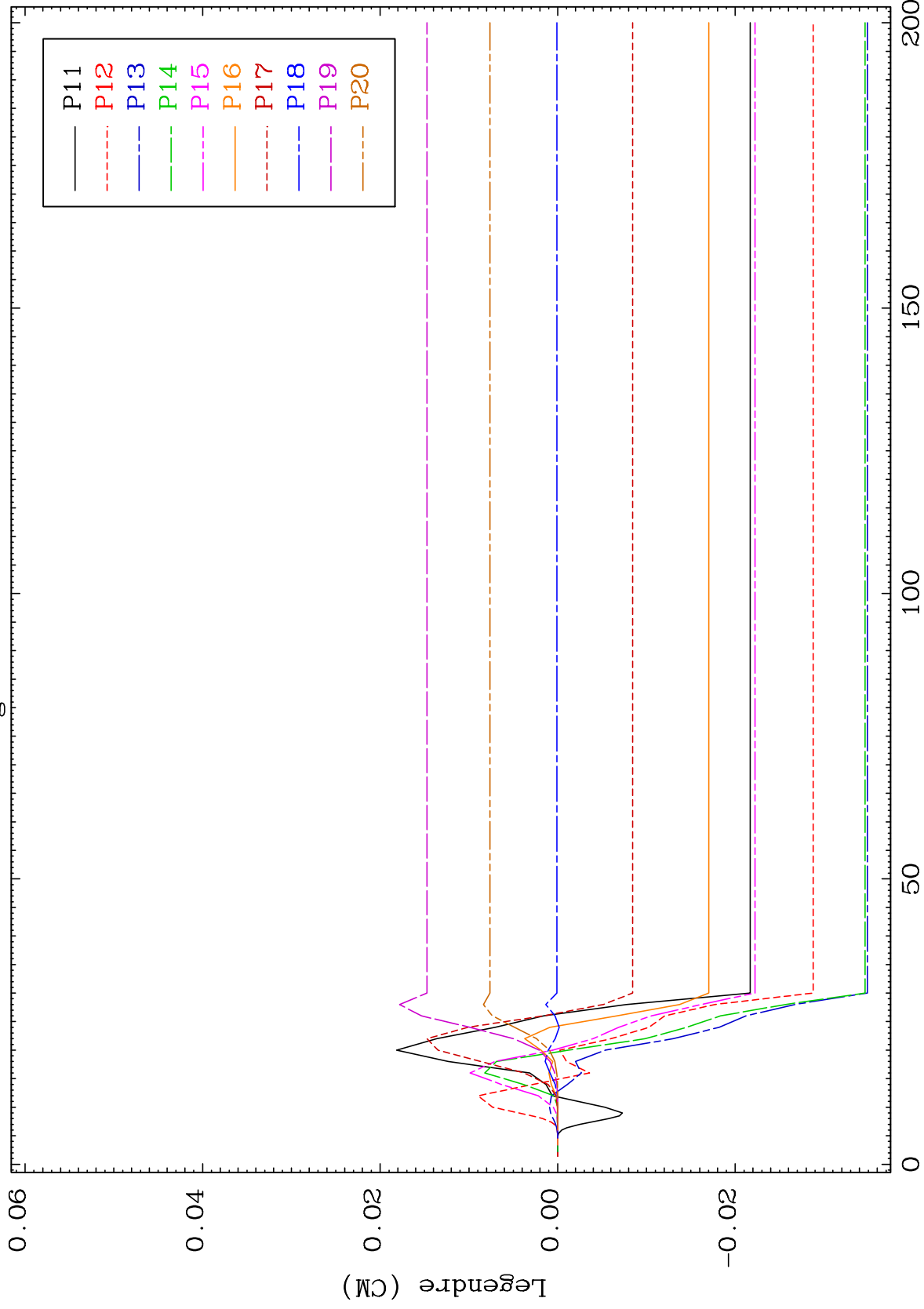
Incident Energy (MeV)

79-Au-187

MAT 7895

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

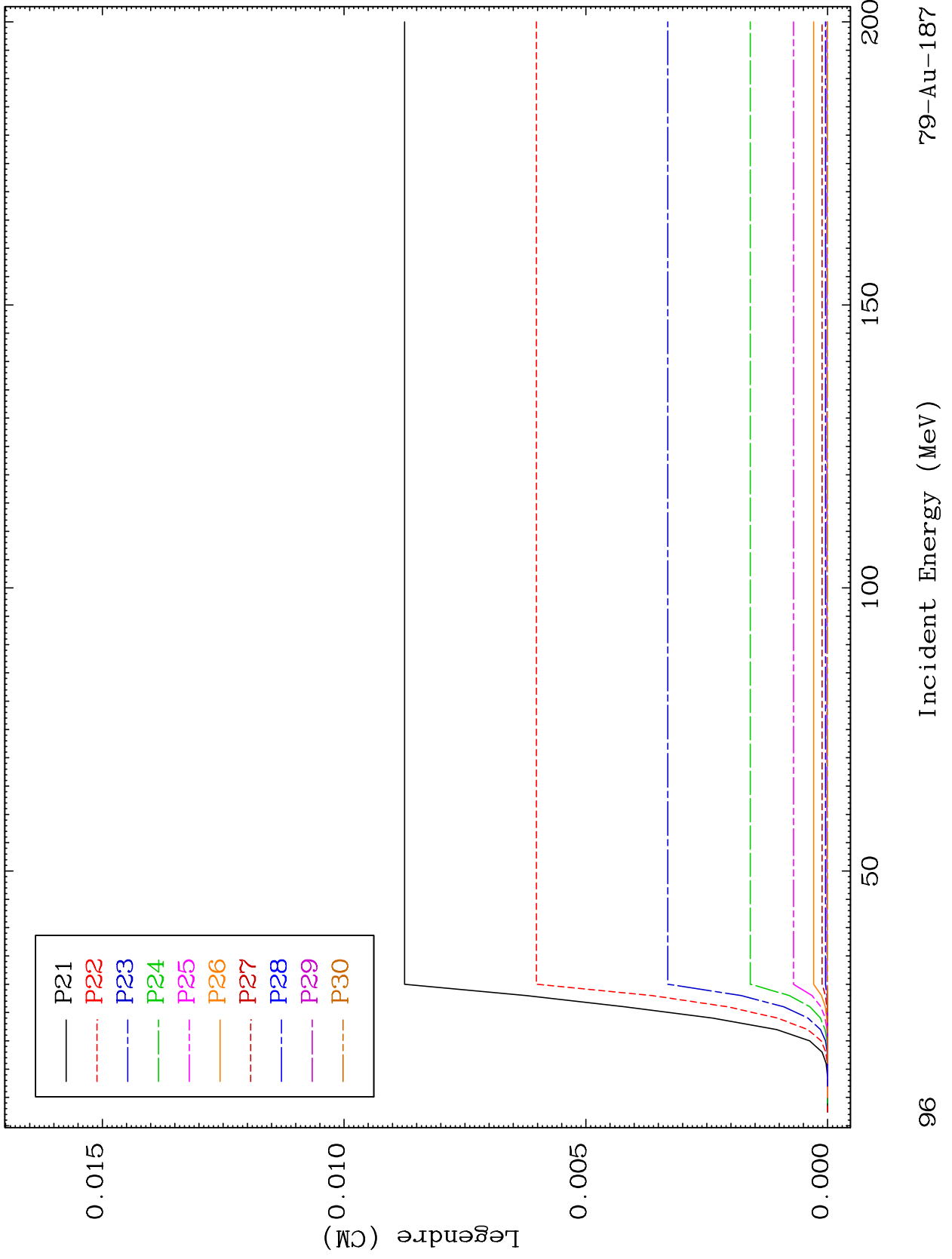
79-Au-187



95

Incident Energy (MeV)

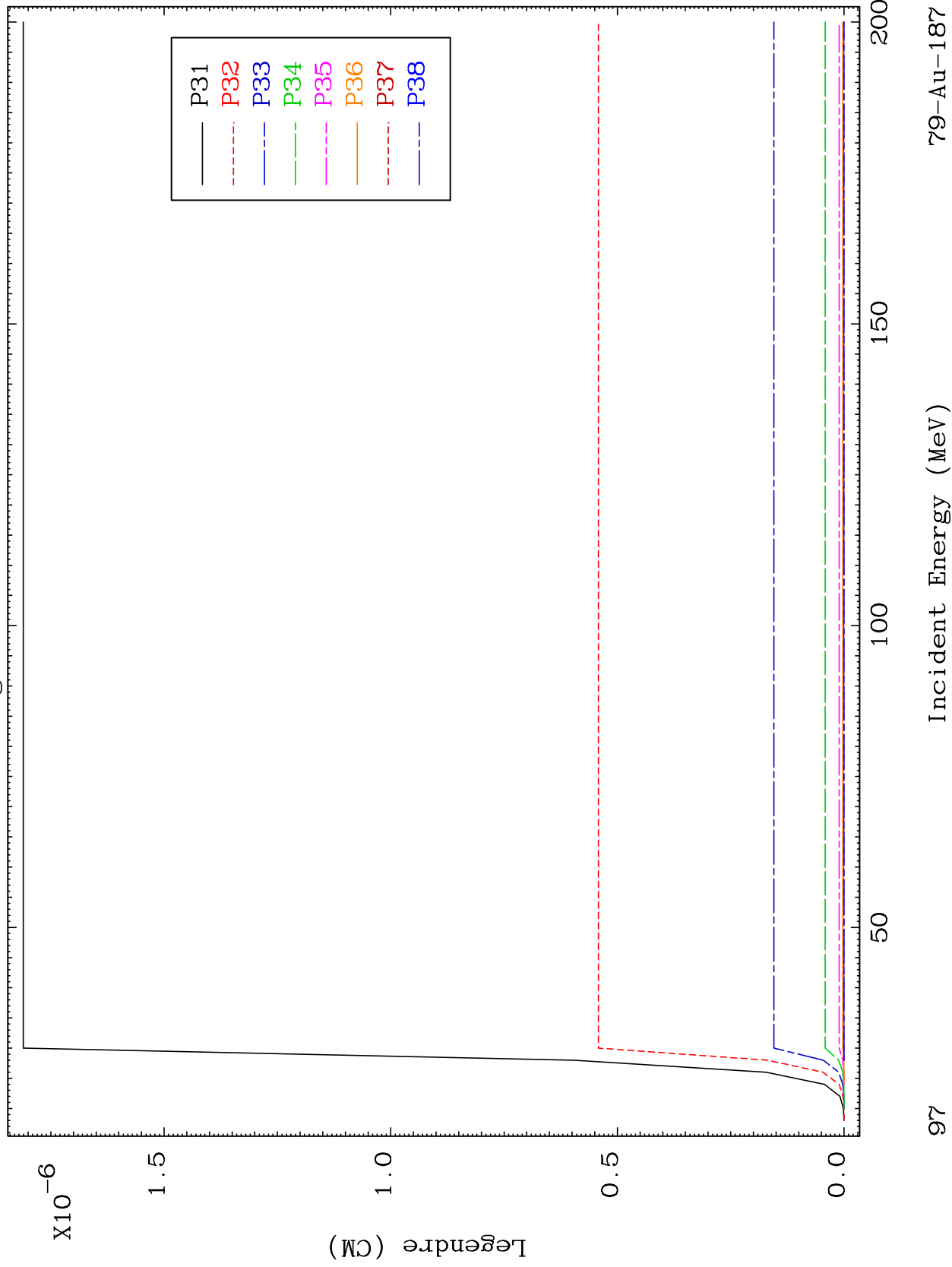
79-Au-187



MAT 7895

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

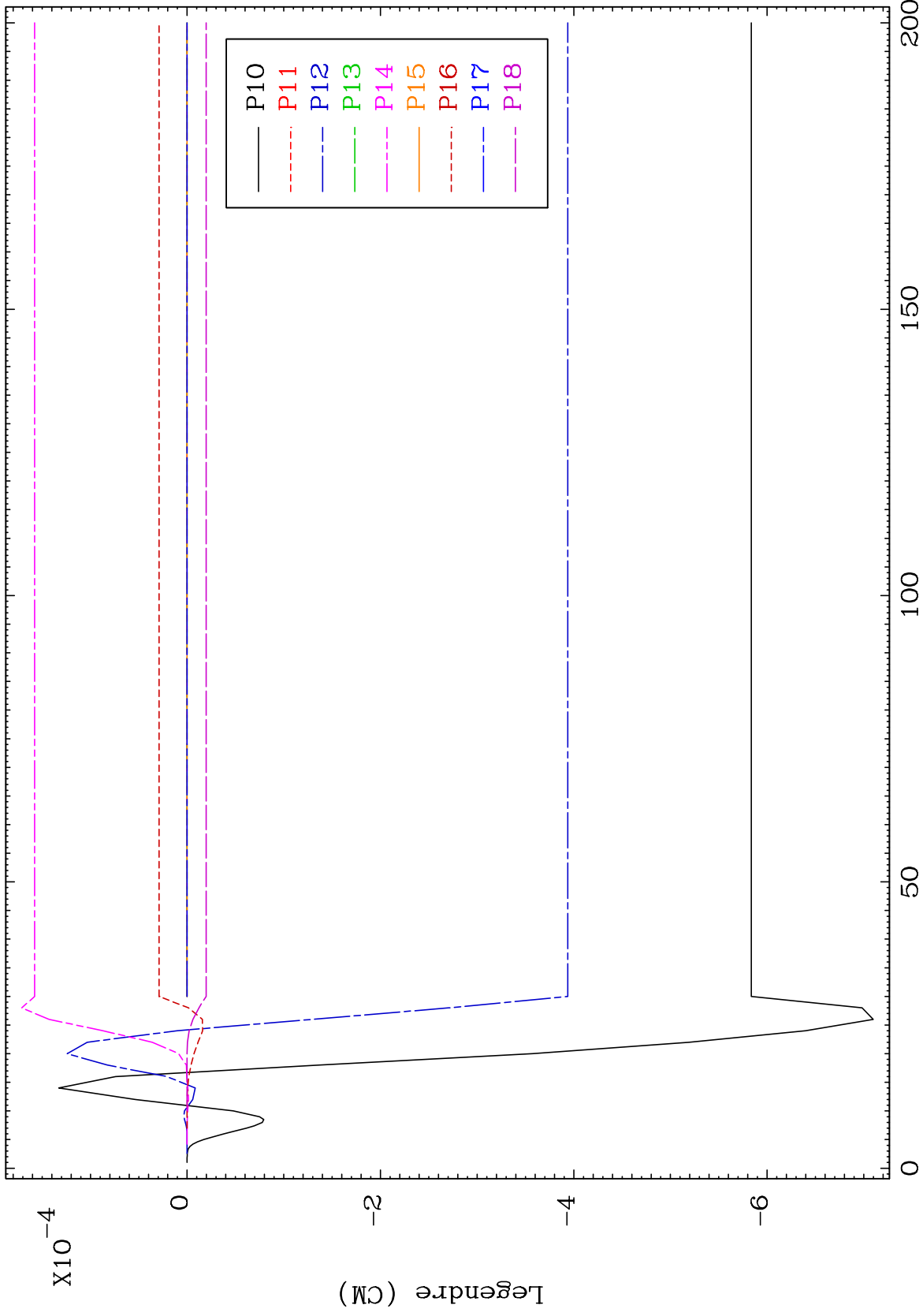
79-Au-187



MAT 7895

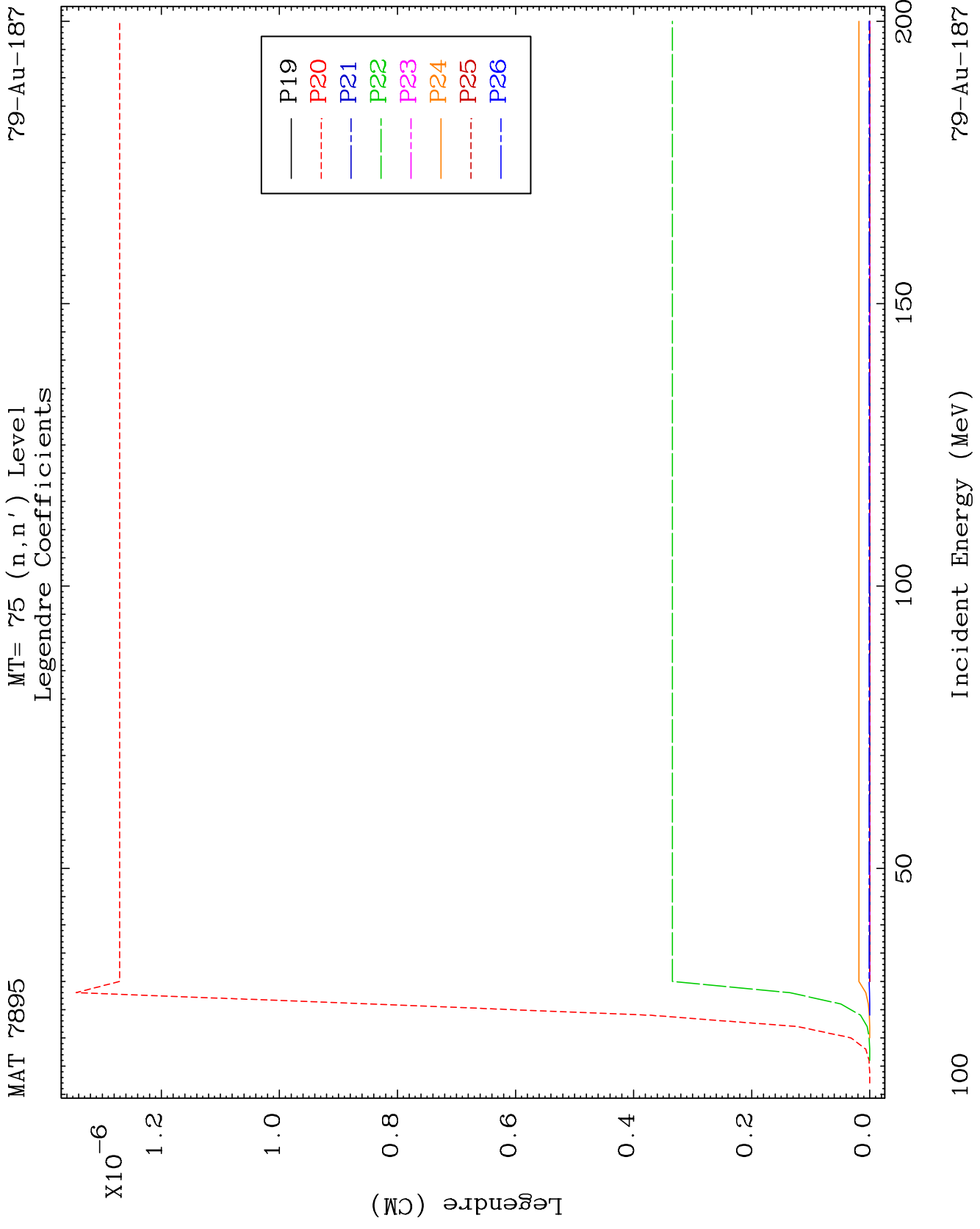
MT= 75 (n,n') Level
Legendre Coefficients

79-Au-187



99

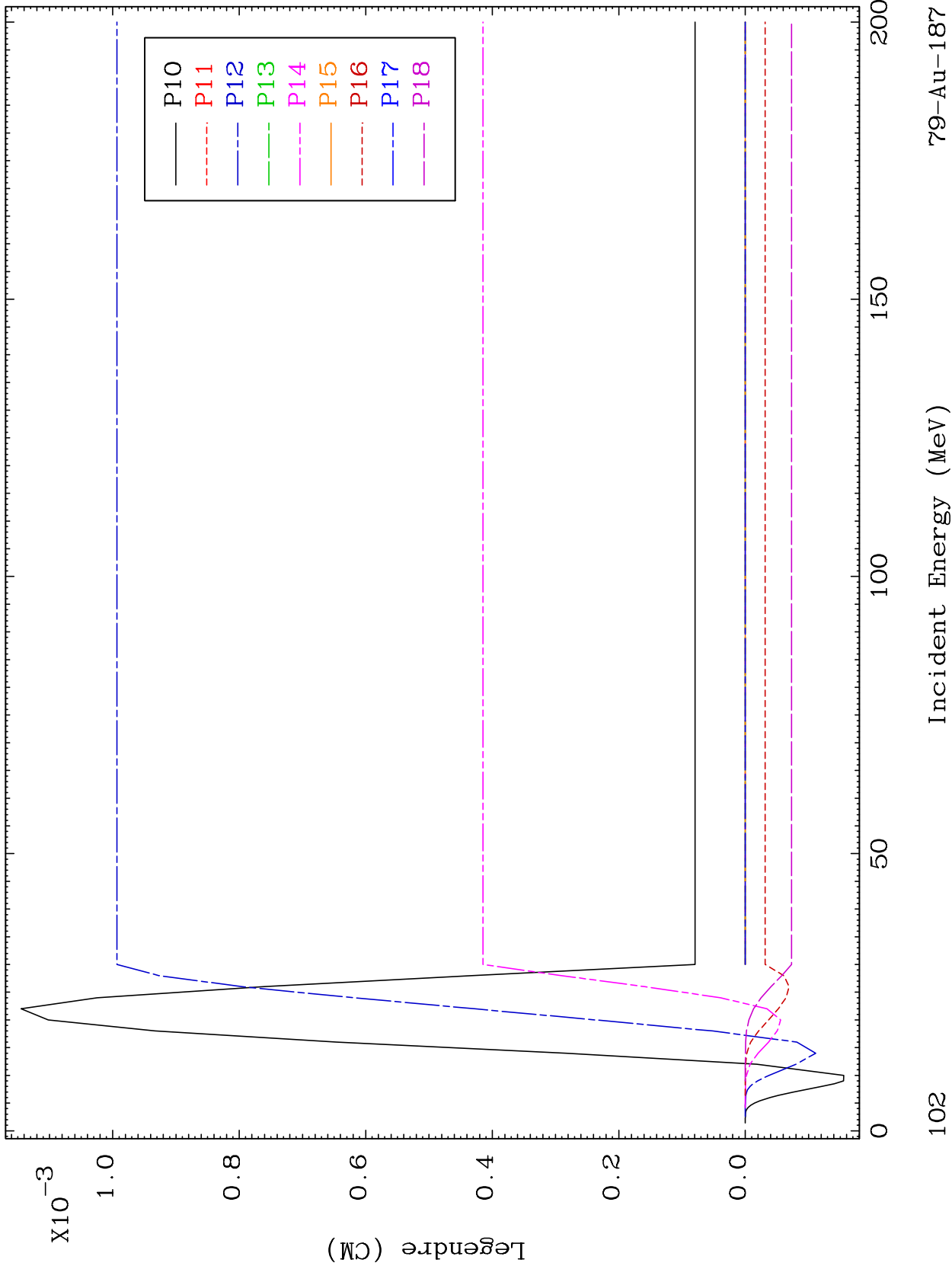
79-Au-187



MAT 7895

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

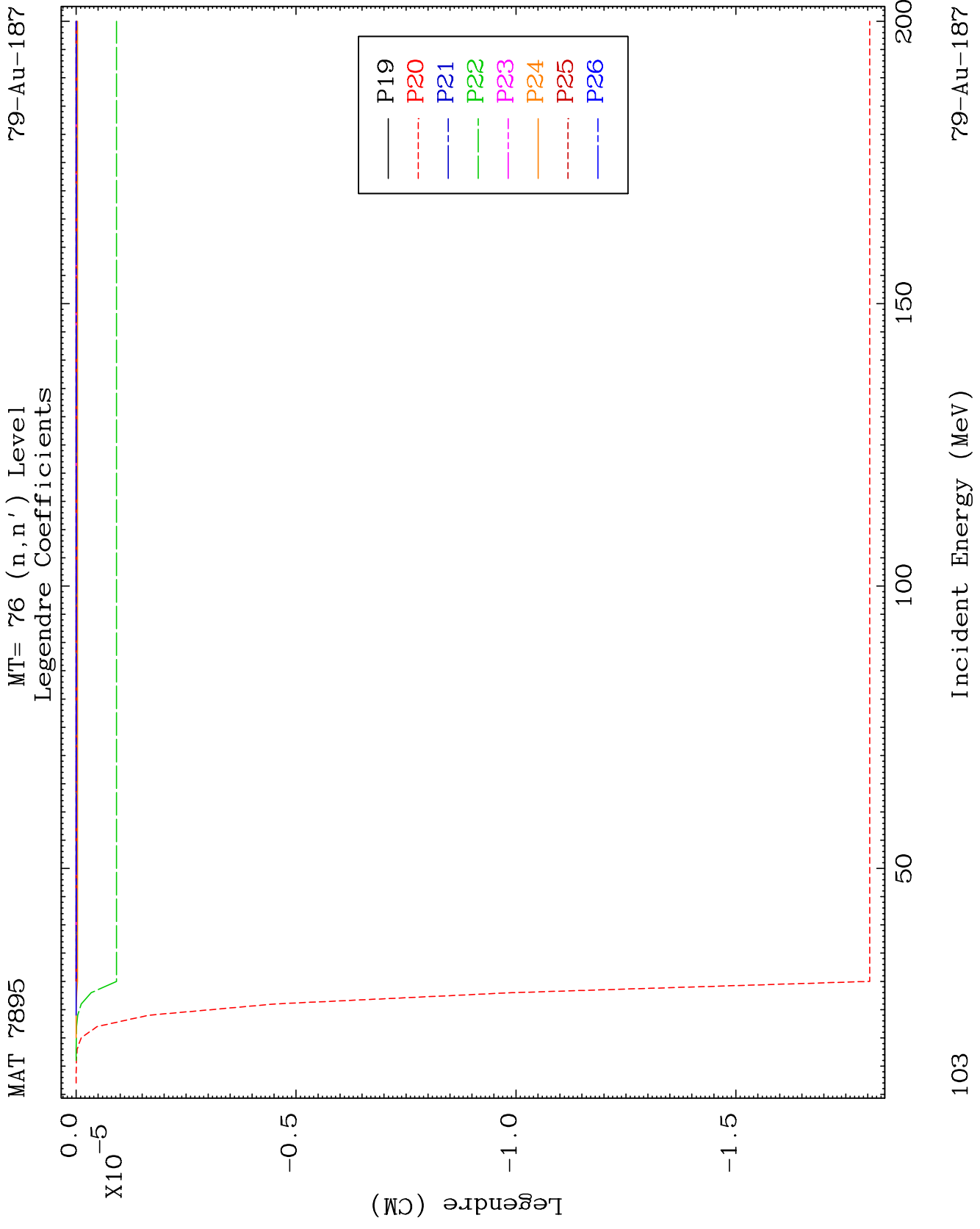
79-Au-187

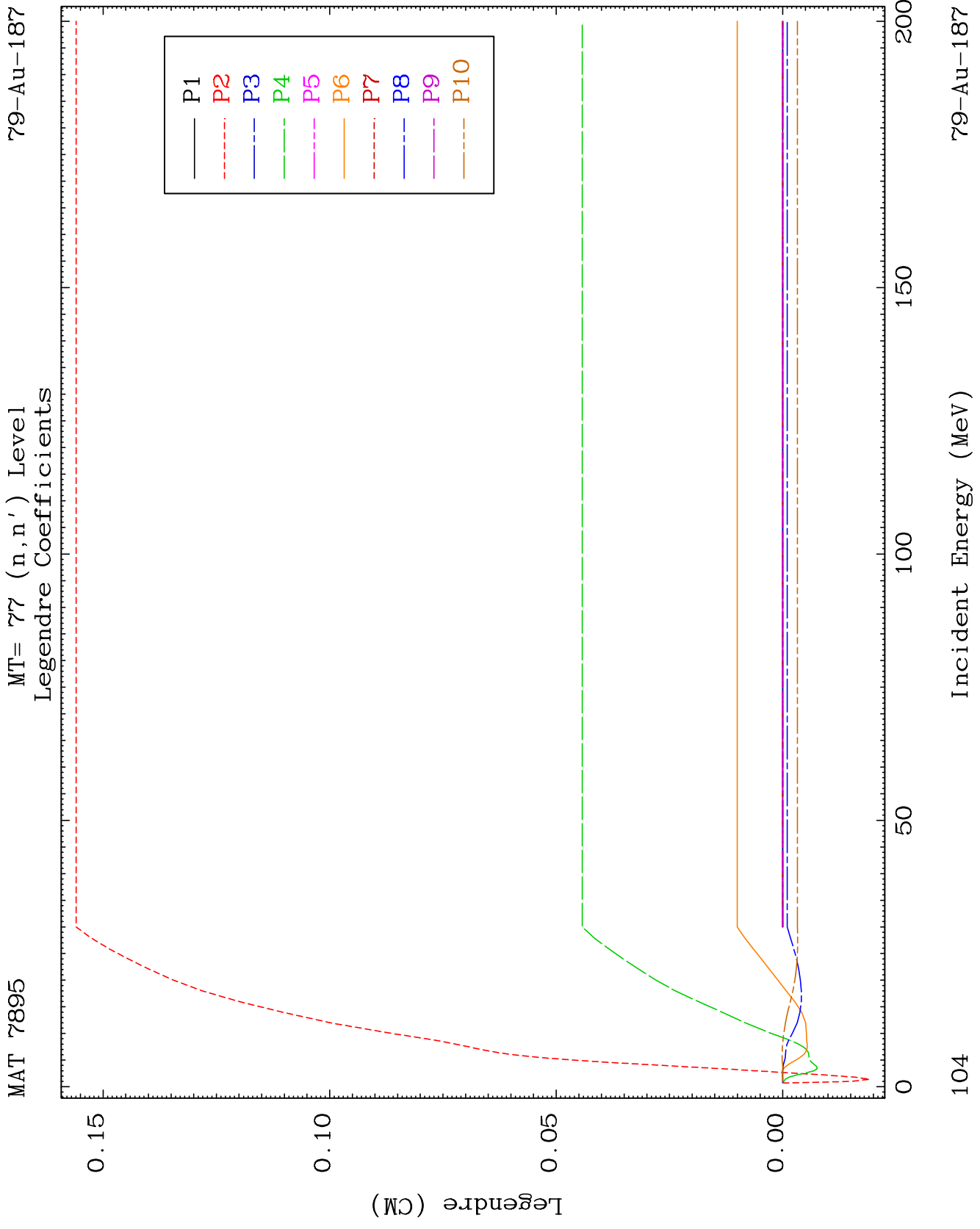


79-Au-187

Incident Energy (MeV)

102





79-Au-187

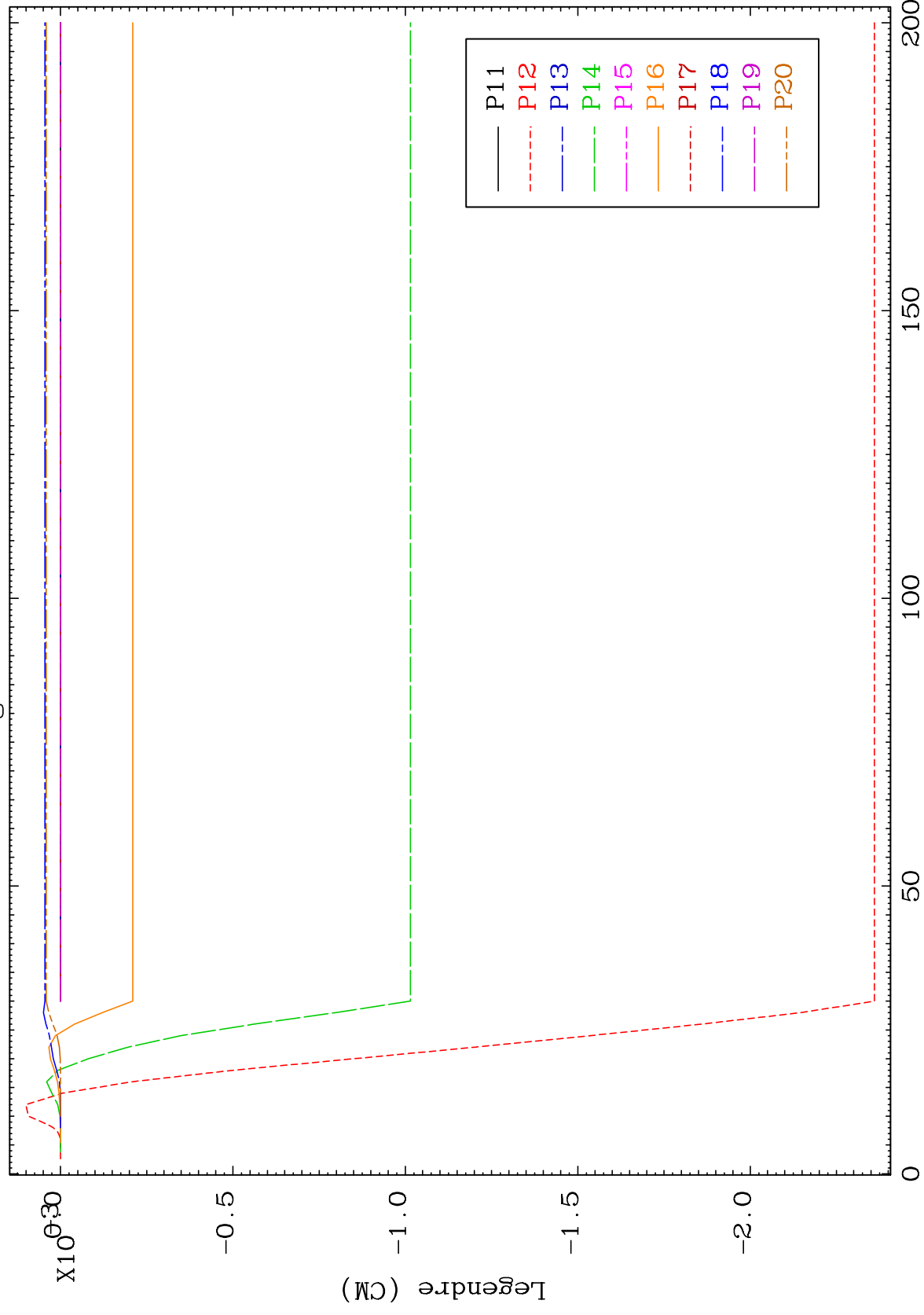
Incident Energy (MeV)

104

MAT 7895

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

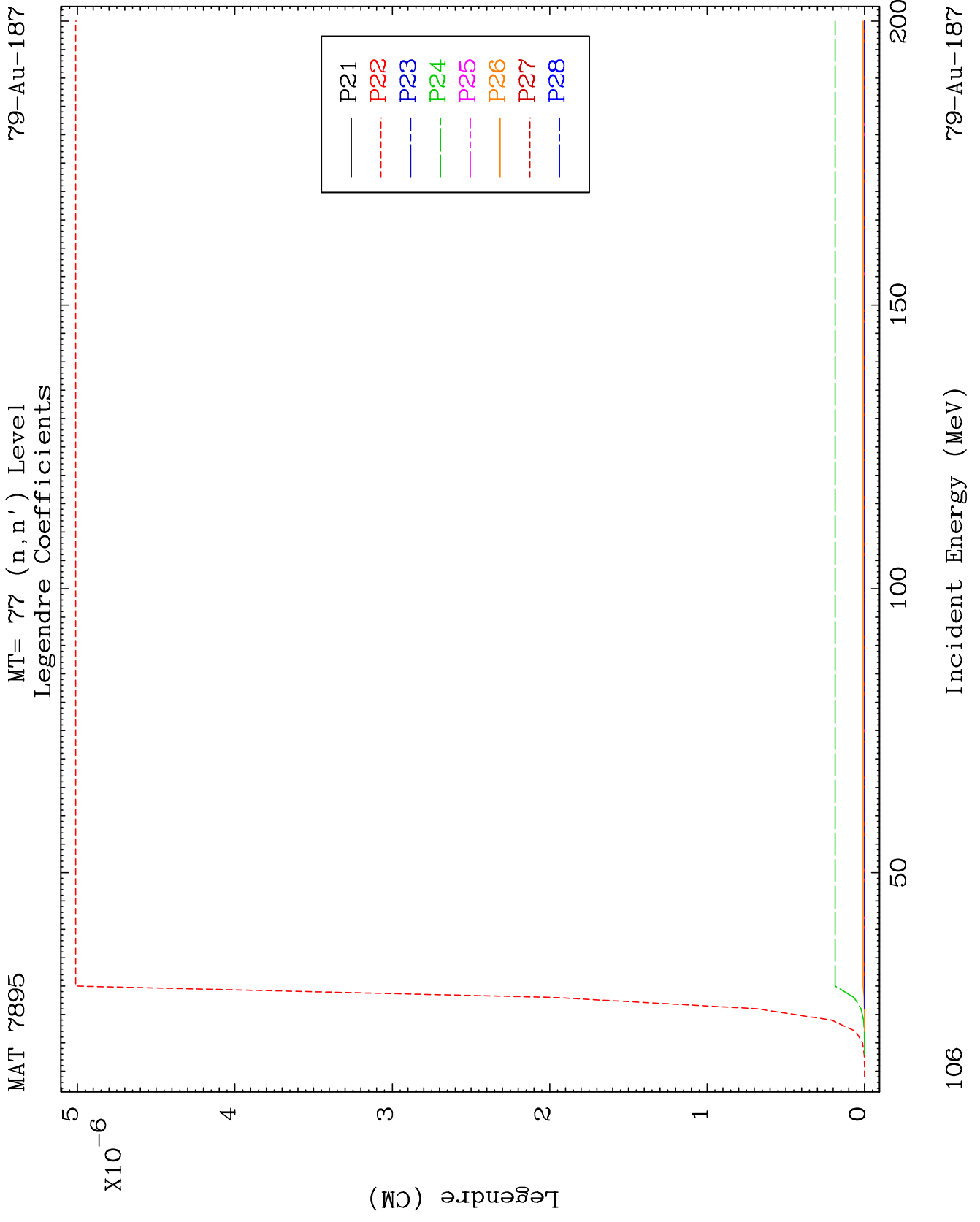
79-Au-187



105

Incident Energy (MeV)

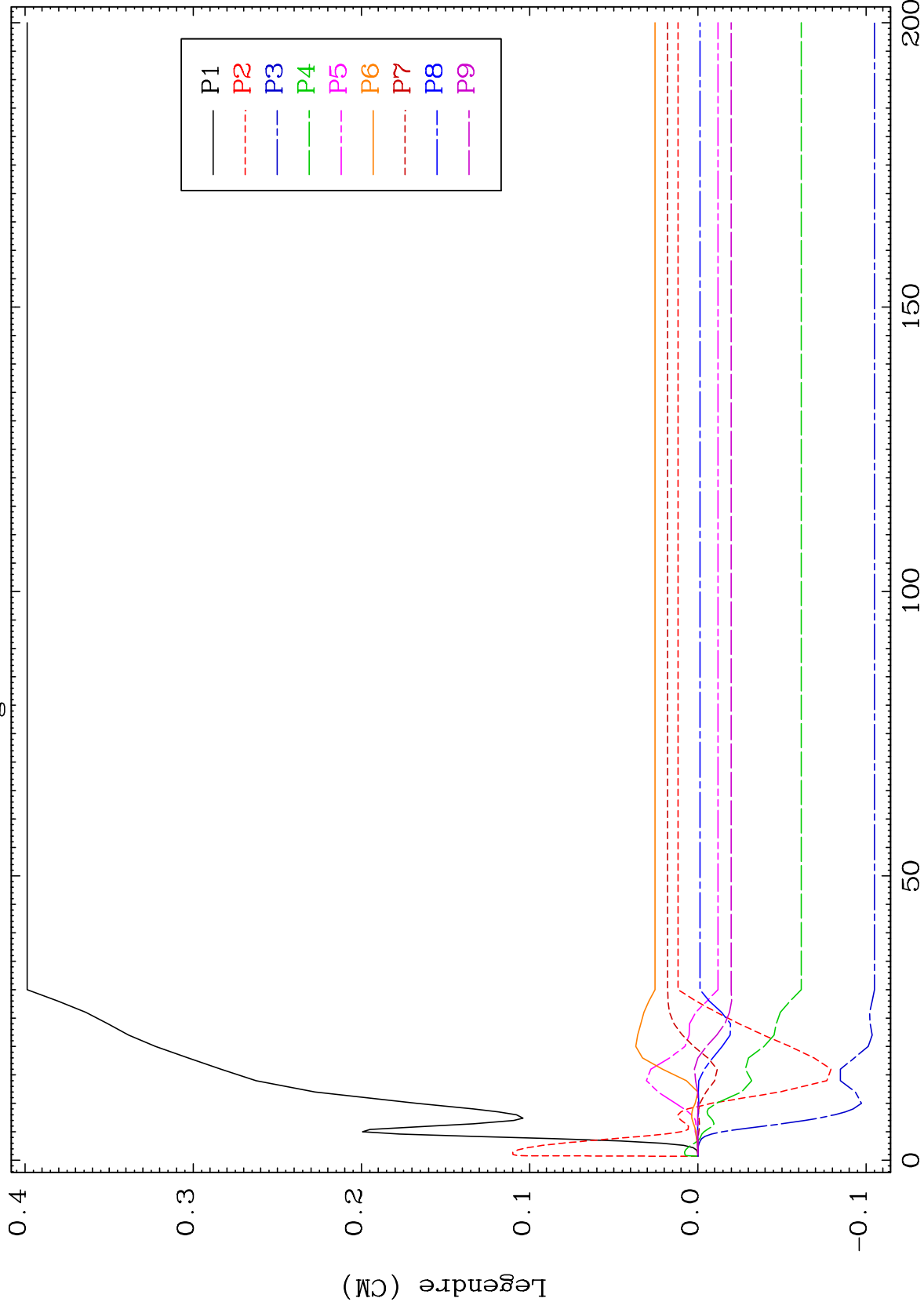
79-Au-187



MAT 7895

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

79-Au-187



107

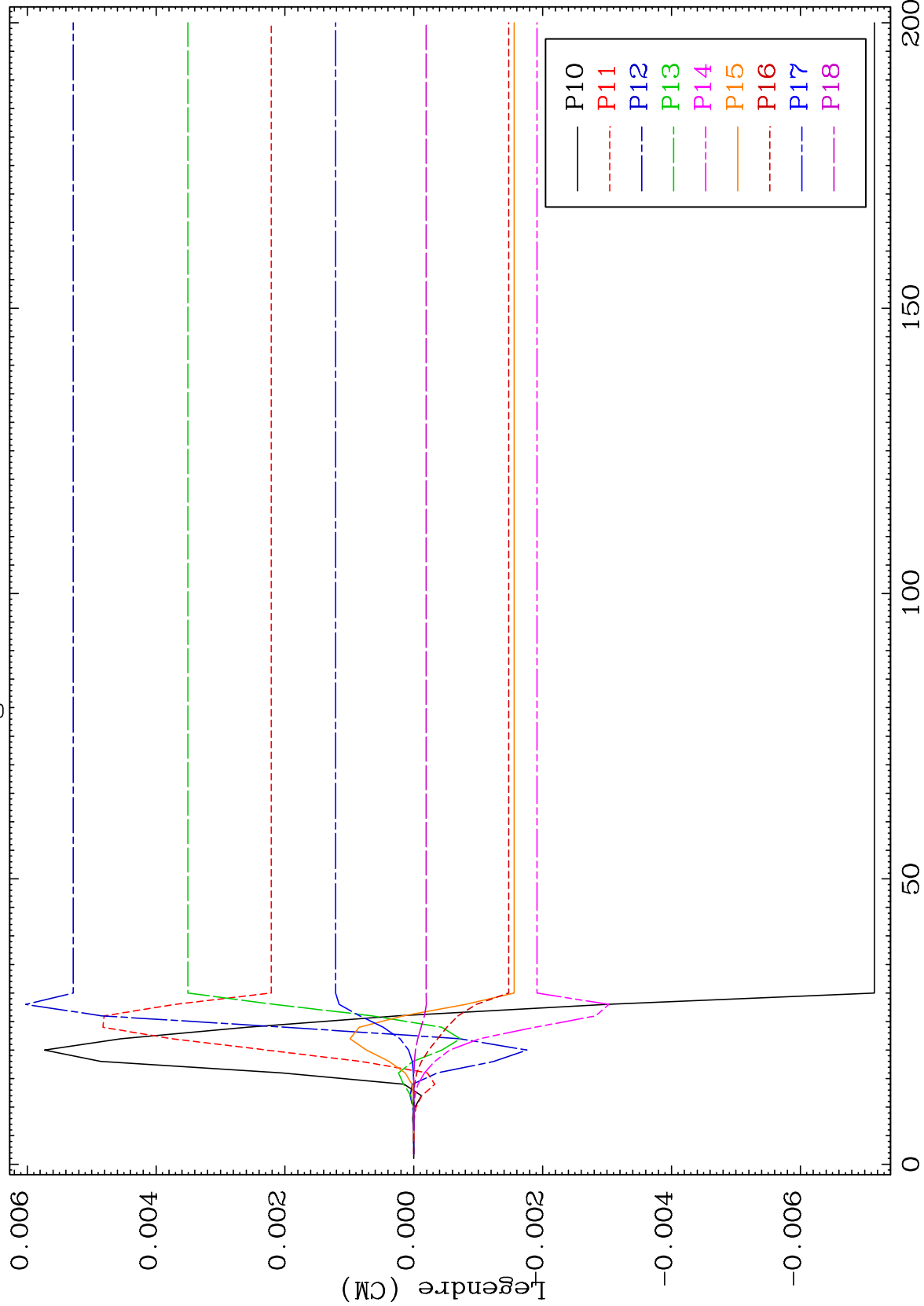
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187



108

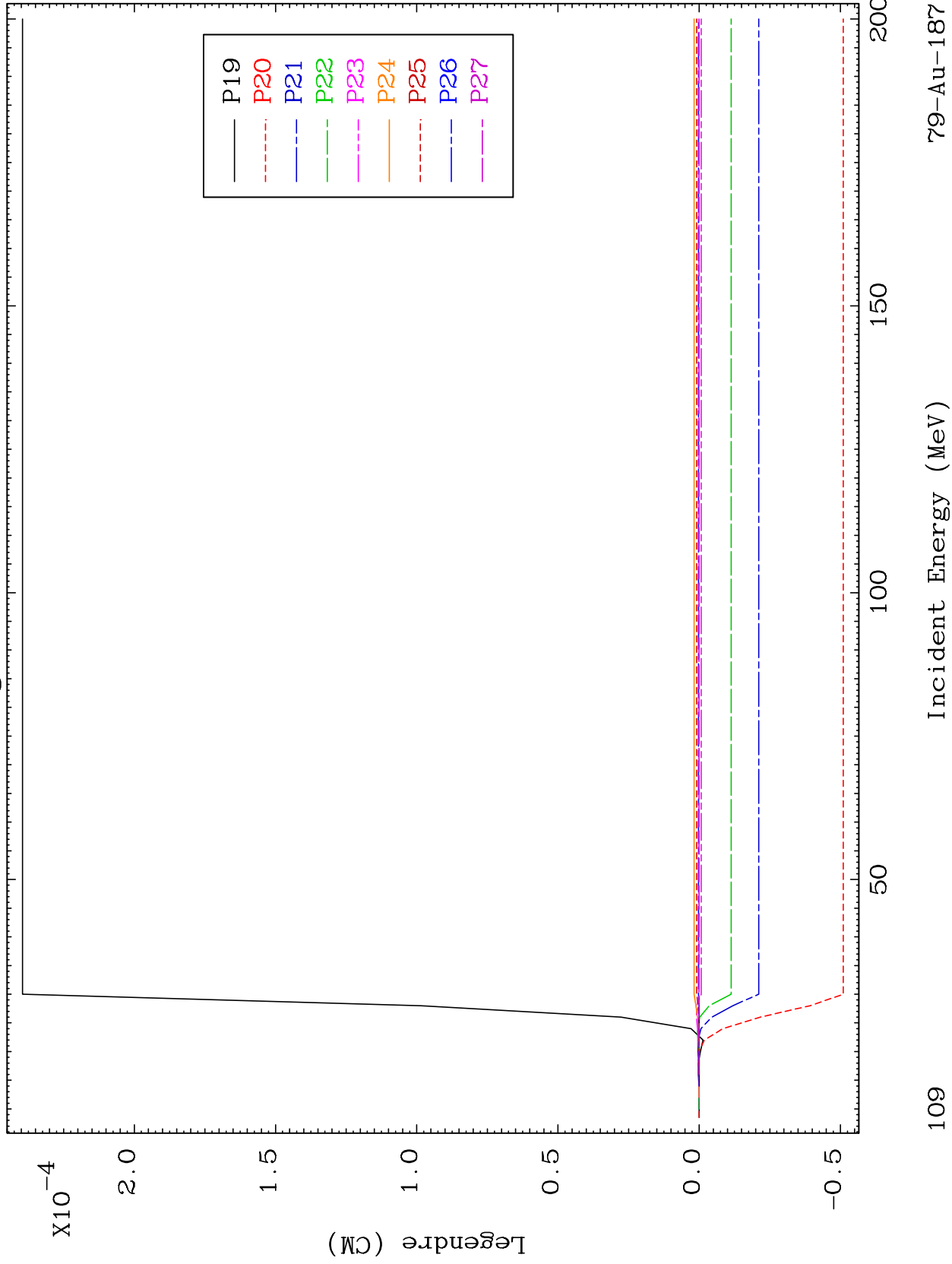
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187



109

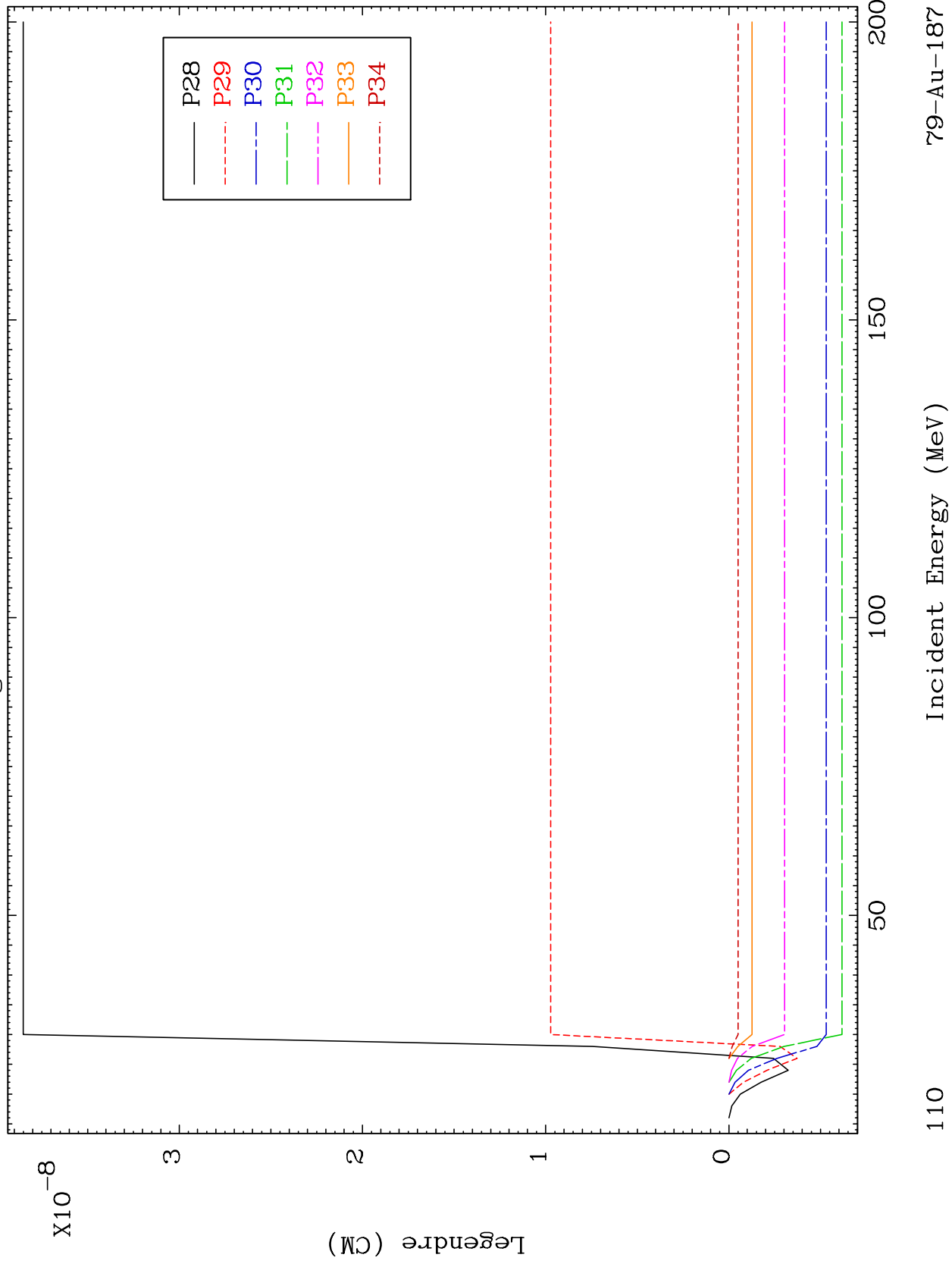
Incident Energy (MeV)

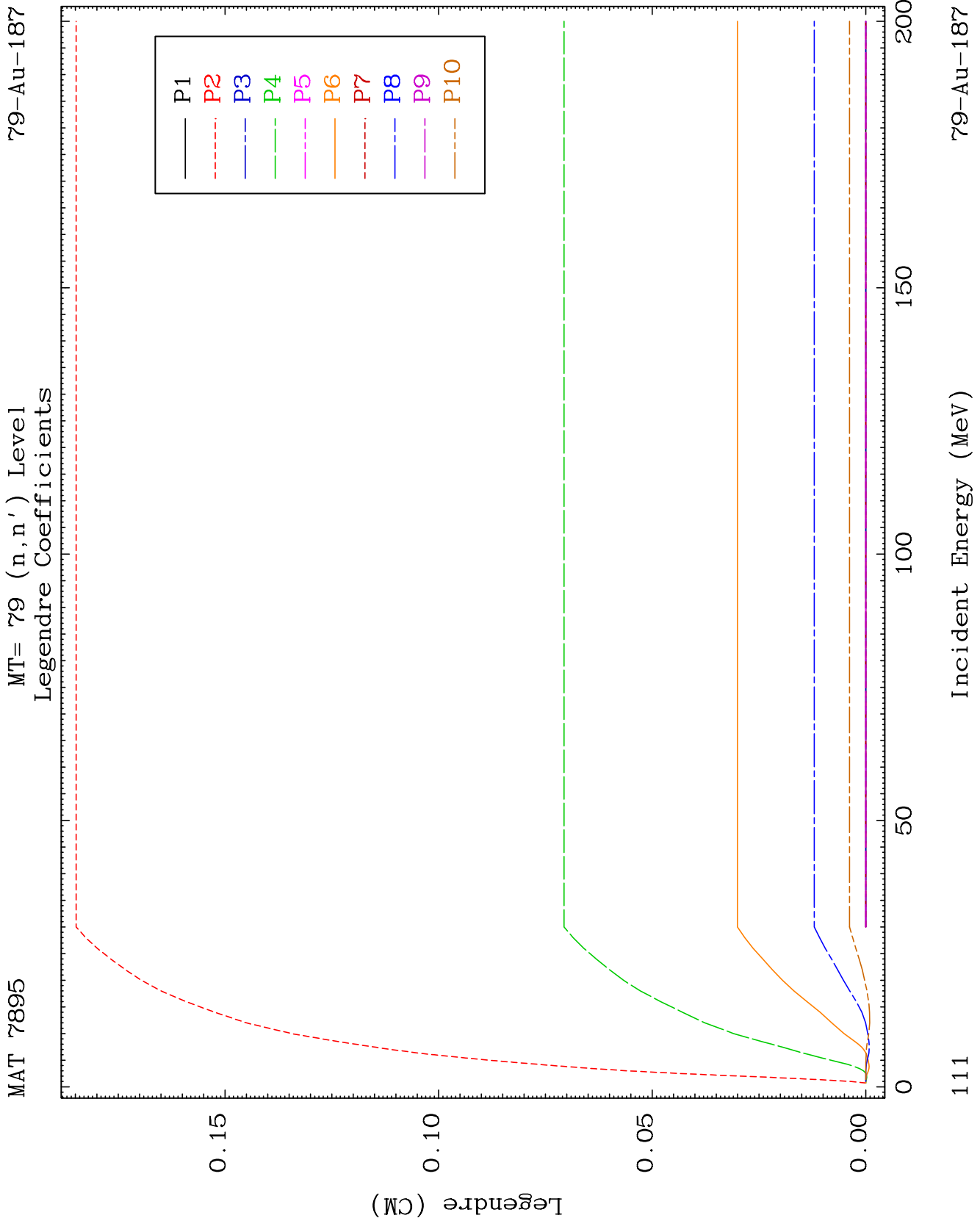
79-Au-187

MAT 7895

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

79-Au-187

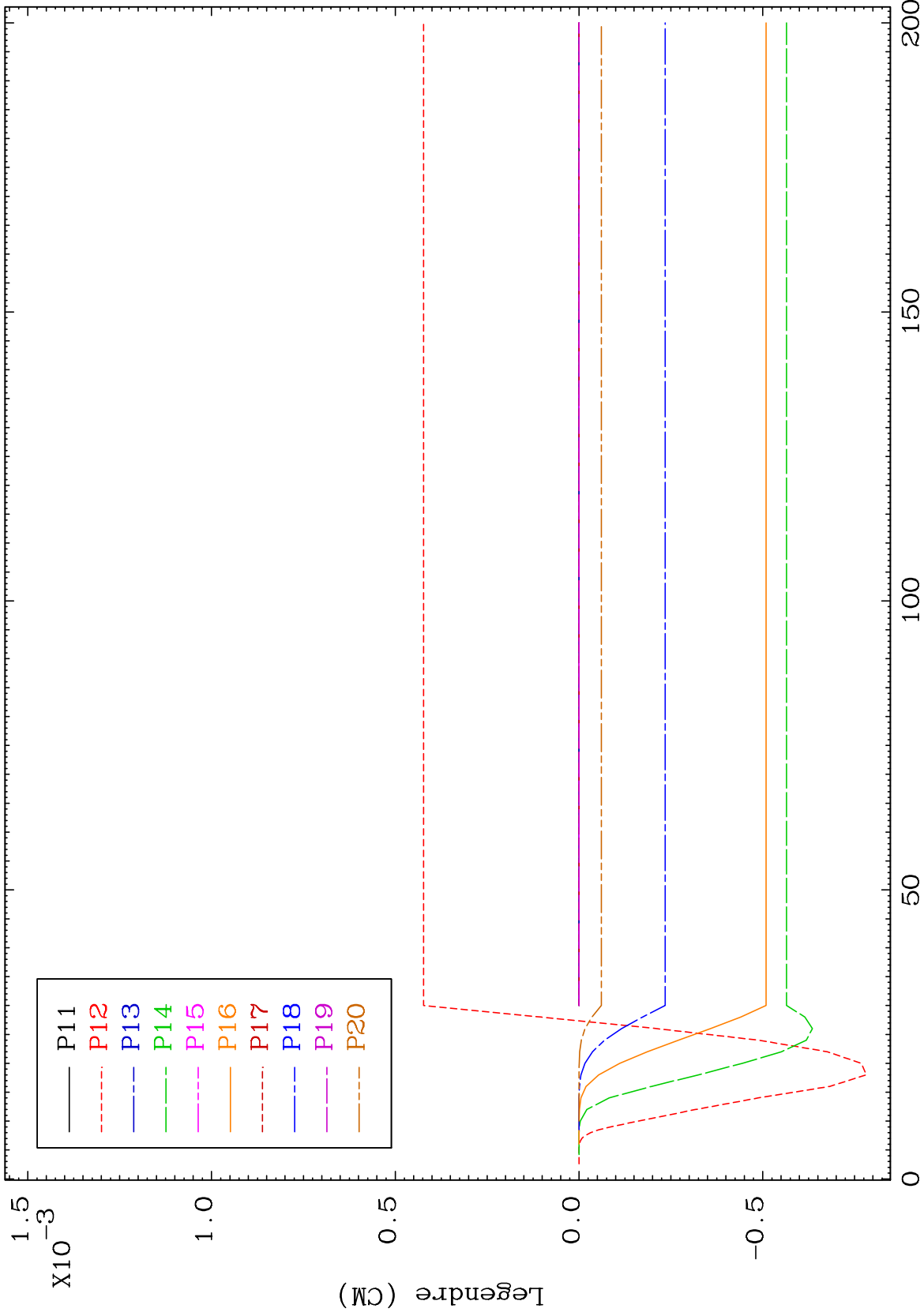




MAT 7895

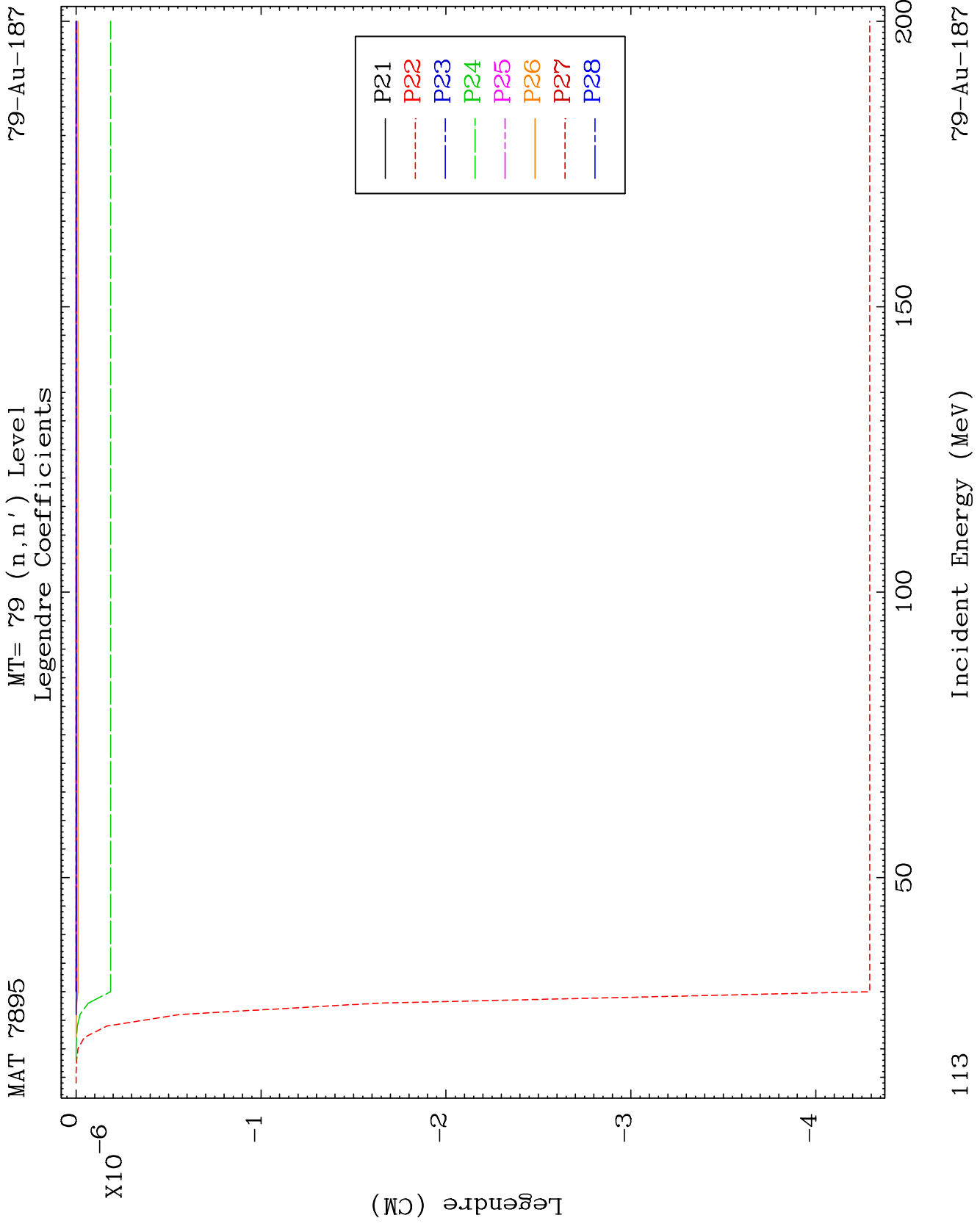
MT= 79 (n,n') Level
Legendre Coefficients

79-Au-187



112

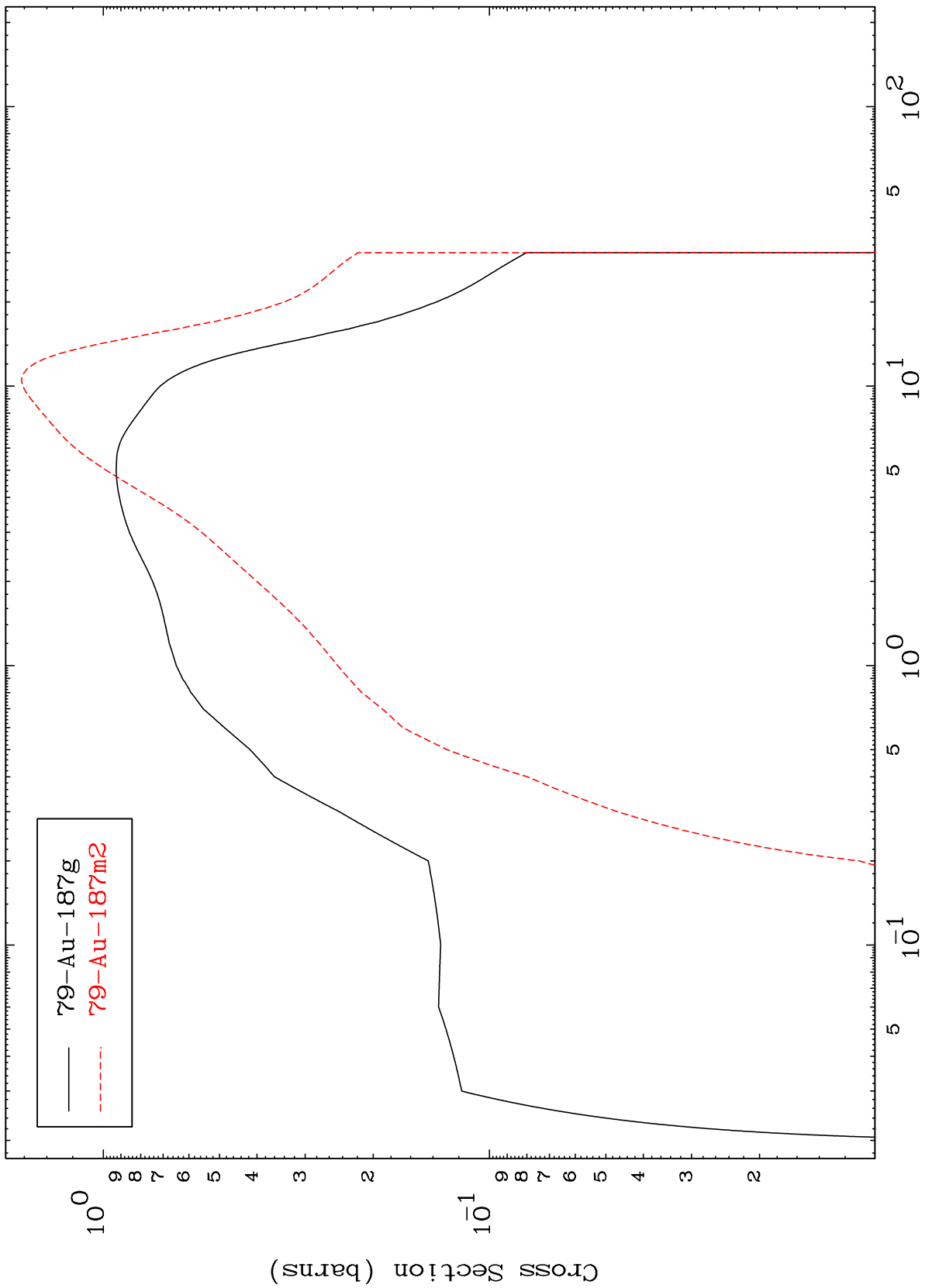
79-Au-187



MAT 7895

79-Au-187

Inelastic
Radionuclide Production Cross Section



— 79-Au-187g
- - - 79-Au-187m2

79-Au-187

Incident Energy (MeV)

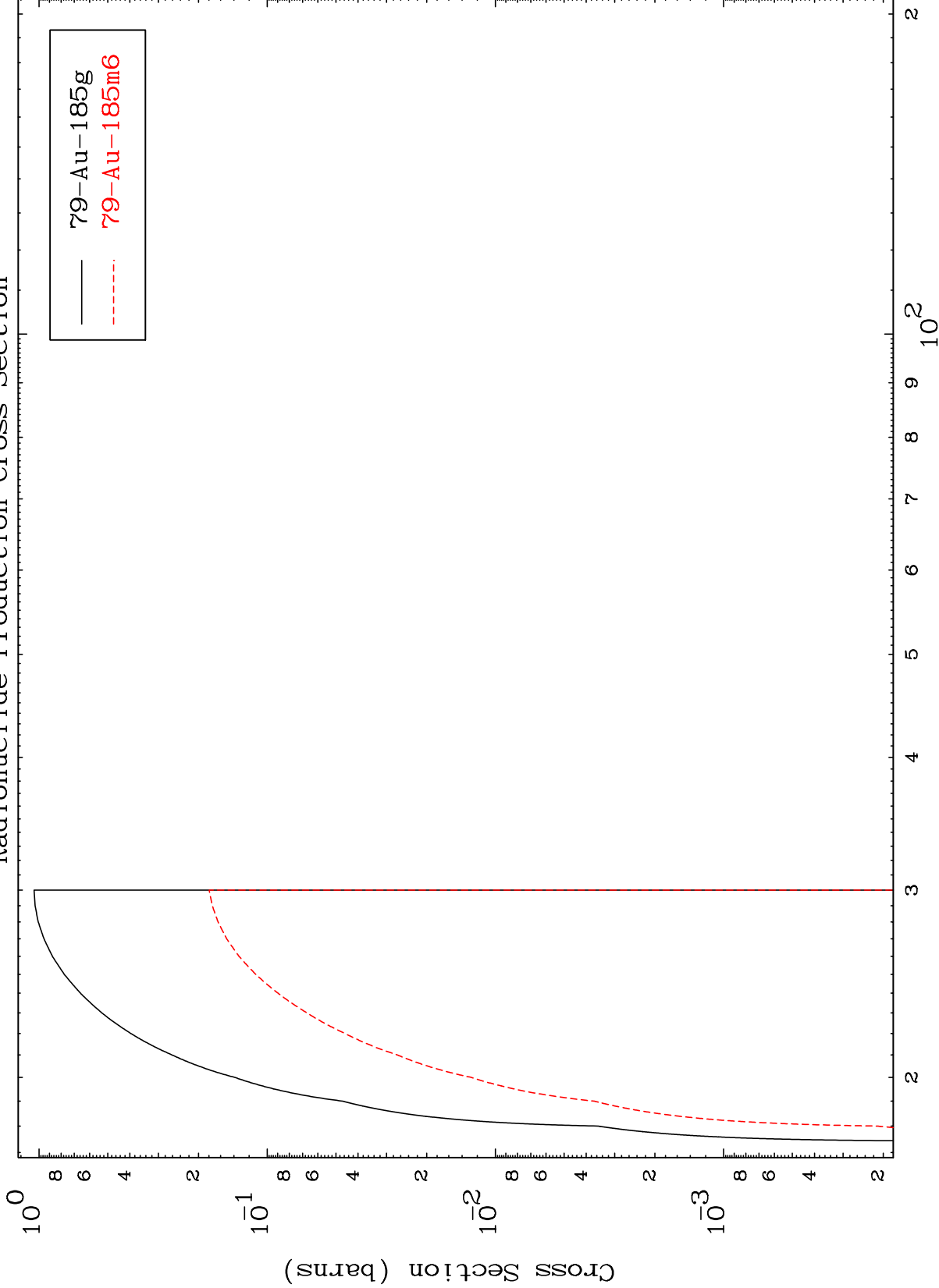
114

MAT 7895

(n,3n)

⁷⁹Au-187

Radionuclide Production Cross Section



115

Incident Energy (MeV)

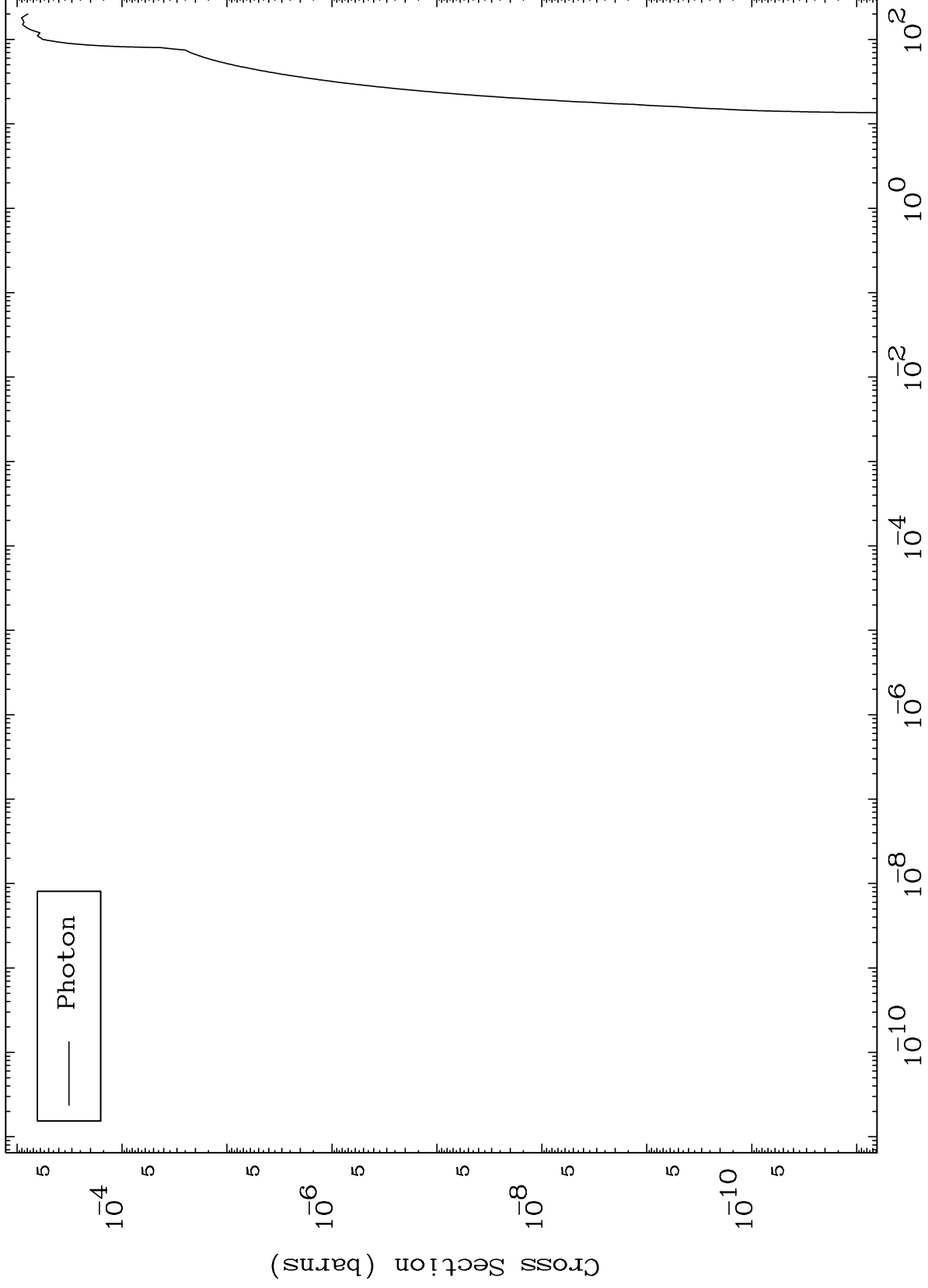
⁷⁹Au-187

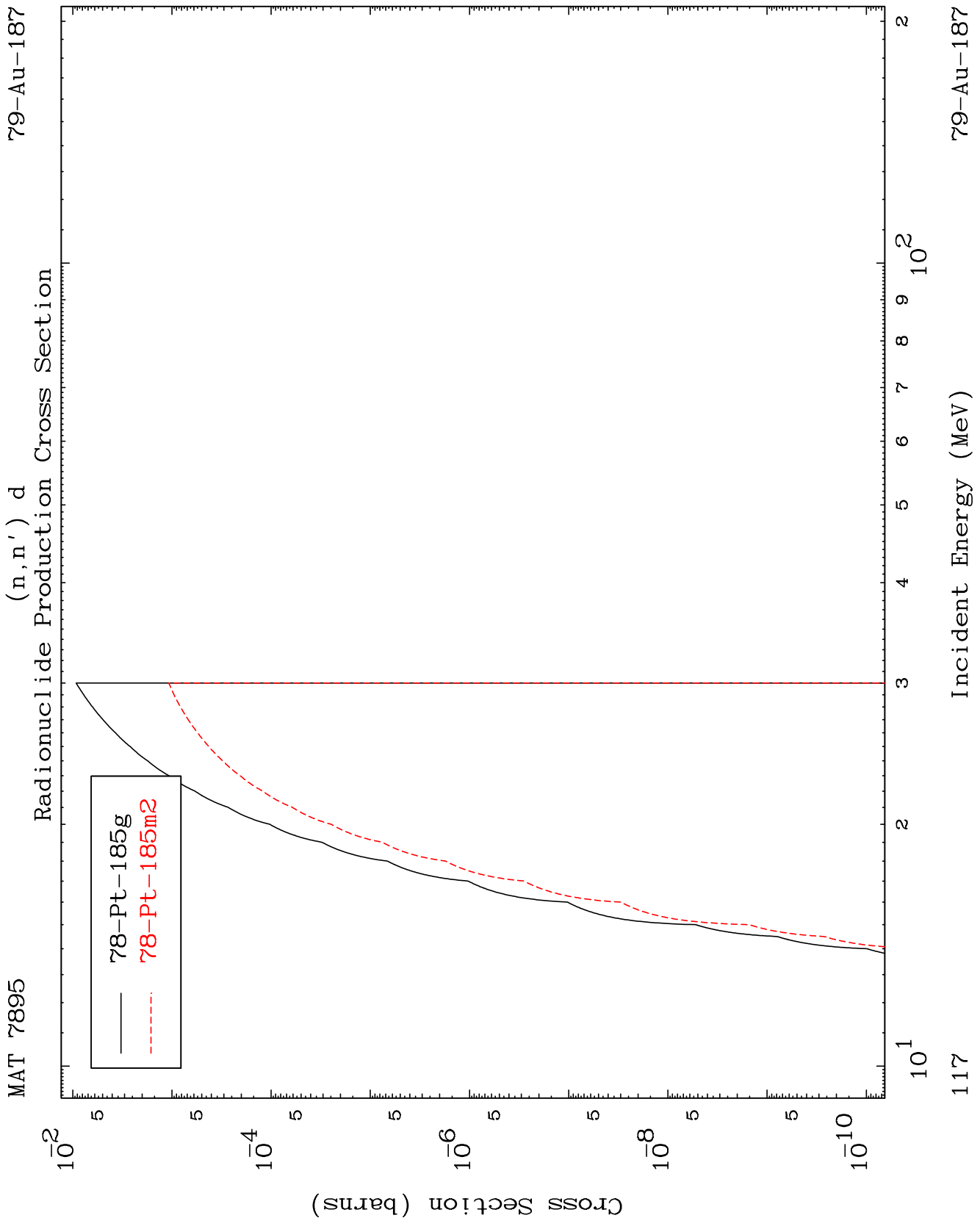
MAT 7895

Fission

79-Au-187

Radionuclide Production Cross Section



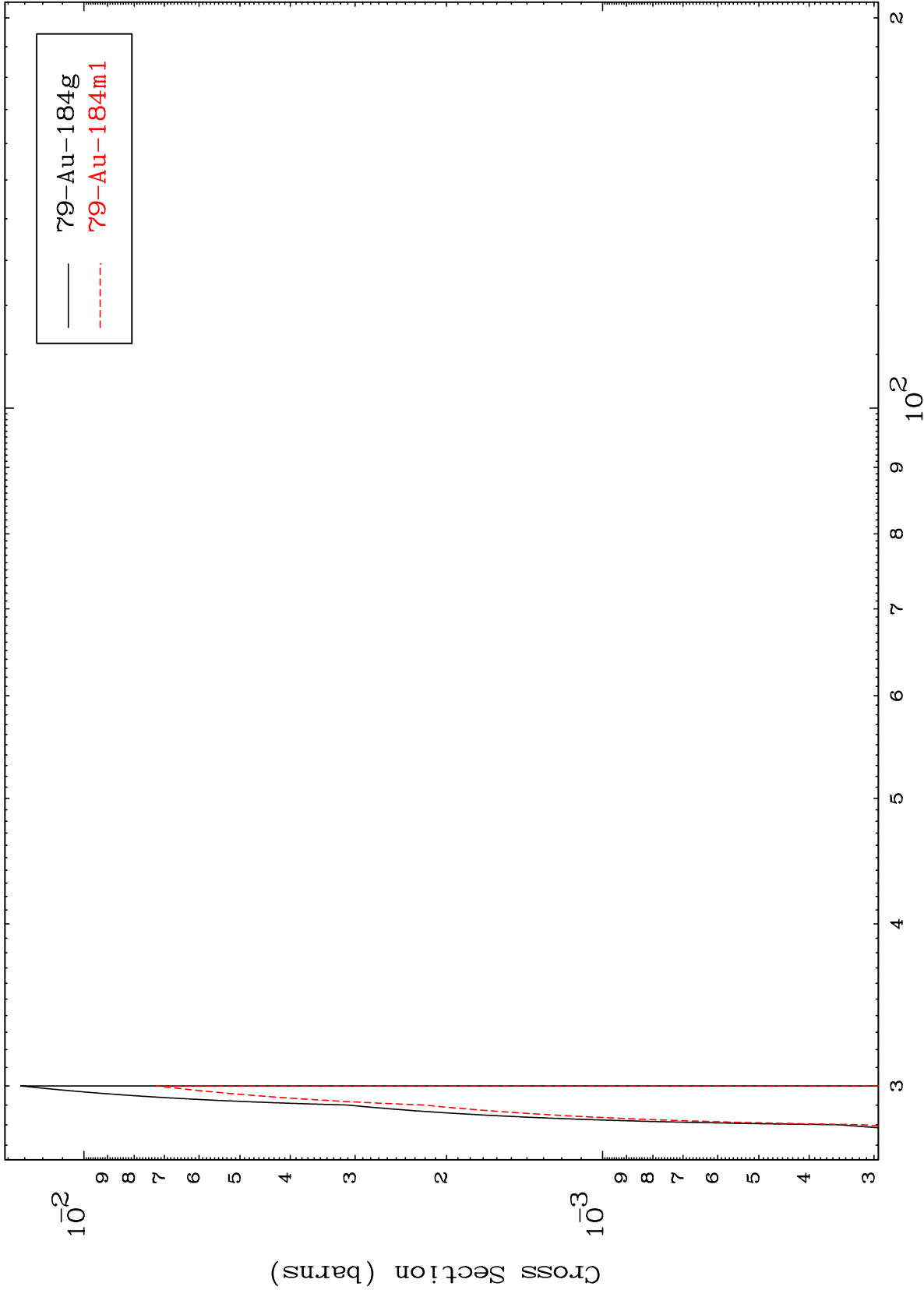


MAT 7895

(n,4n)

⁷⁹Au-187

Radionuclide Production Cross Section



118

Incident Energy (MeV)

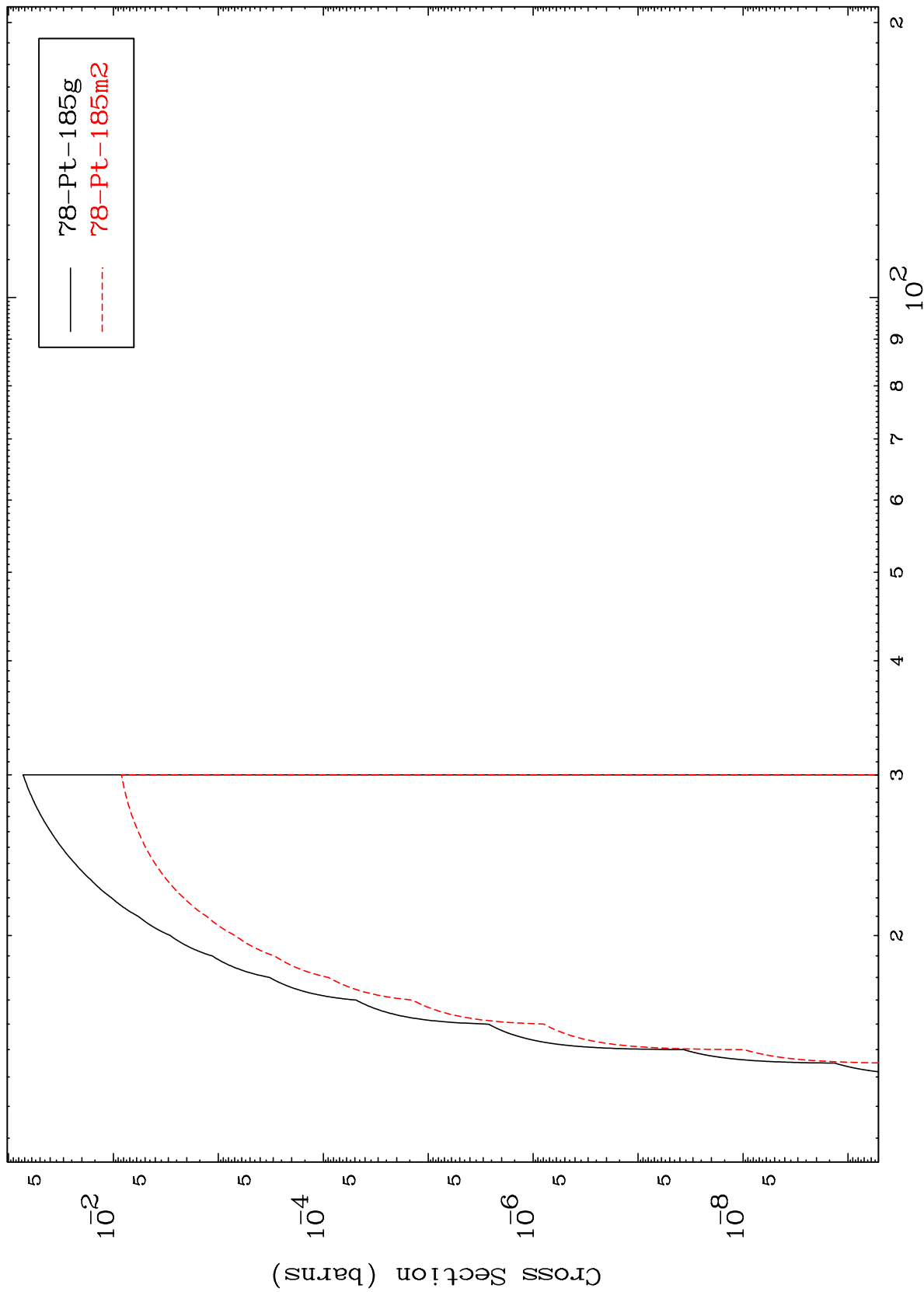
⁷⁹Au-187

MAT 7895

(n,2n) p

79-Au-187

Radionuclide Production Cross Section



119

Incident Energy (MeV)

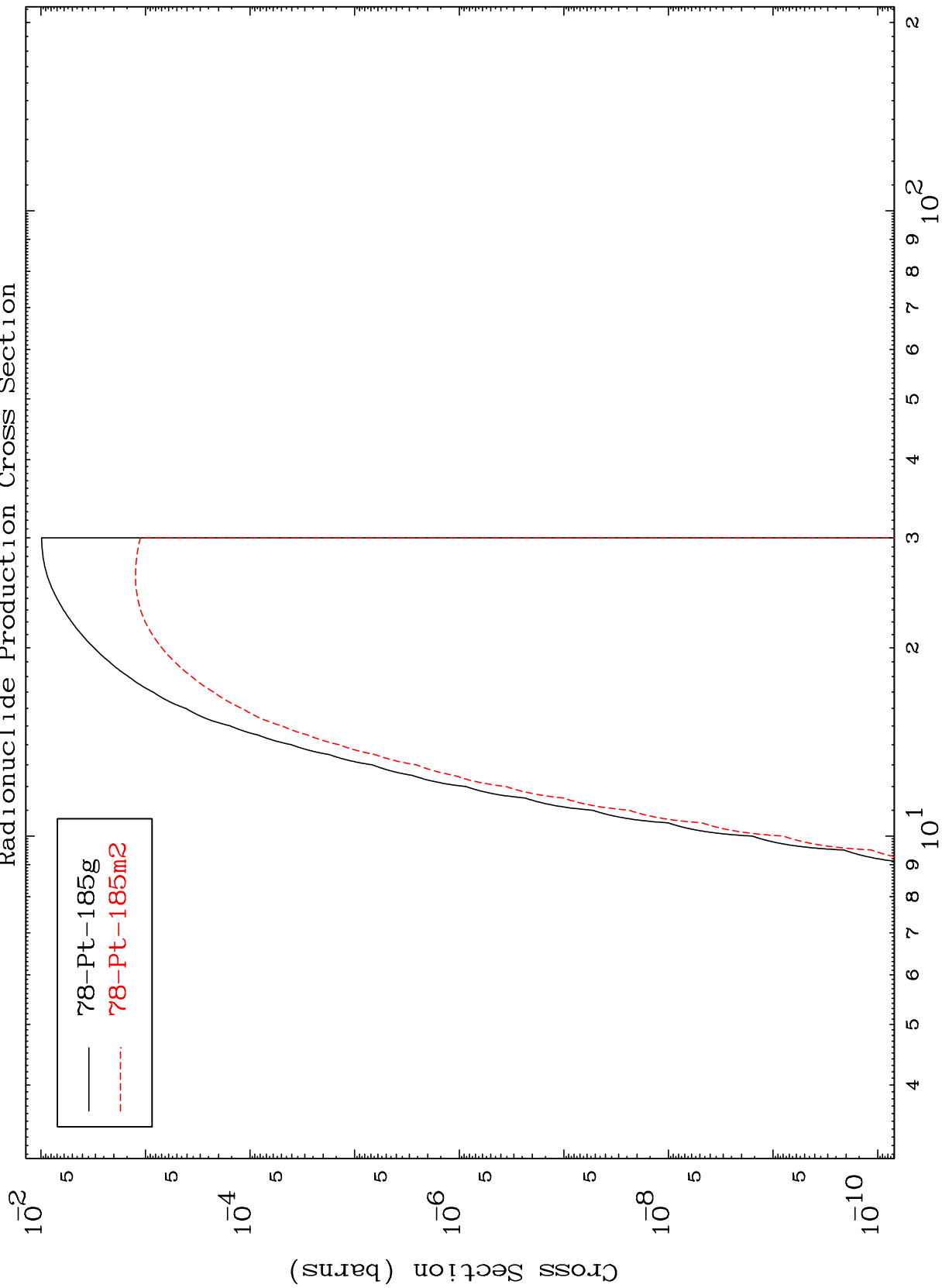
79-Au-187

MAT 7895

(n, t)

79-Au-187

Radionuclide Production Cross Section



120

Incident Energy (MeV)

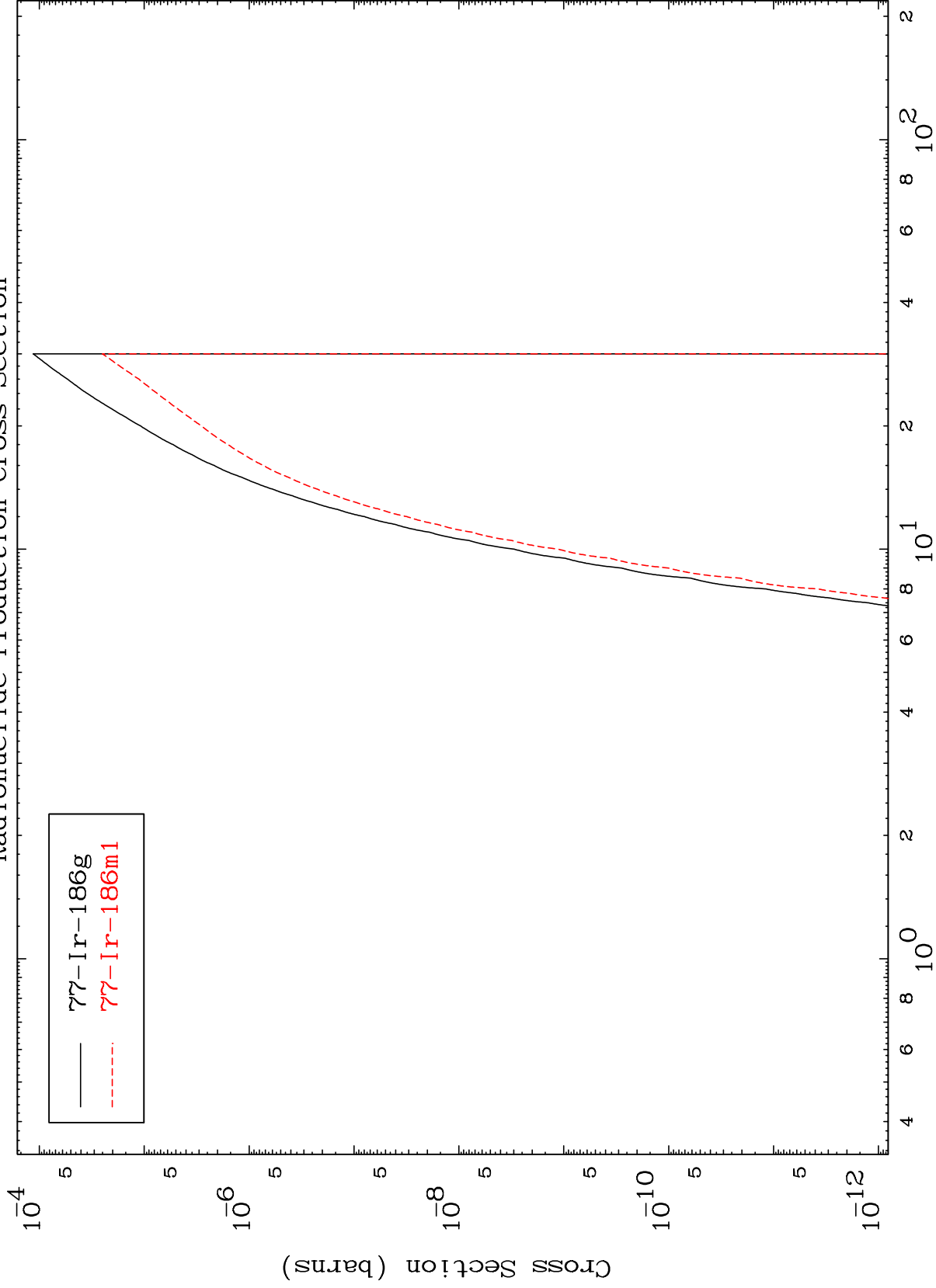
79-Au-187

MAT 7895

(n,2p)

79-Au-187

Radionuclide Production Cross Section



121

Incident Energy (MeV)

79-Au-187

MAT 7895

(n,p) α

79-Au-187

Radionuclide Production Cross Section

