

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

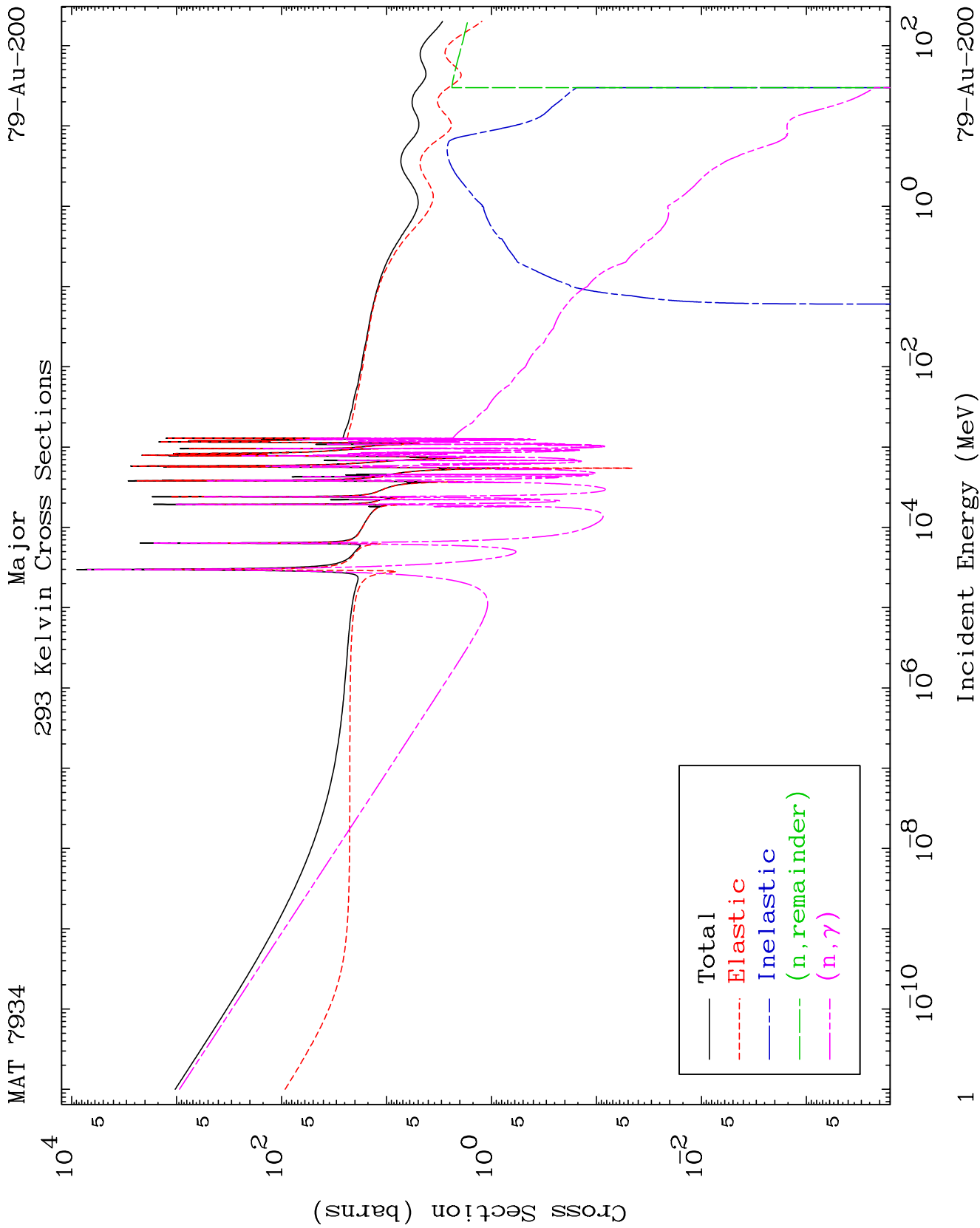
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E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

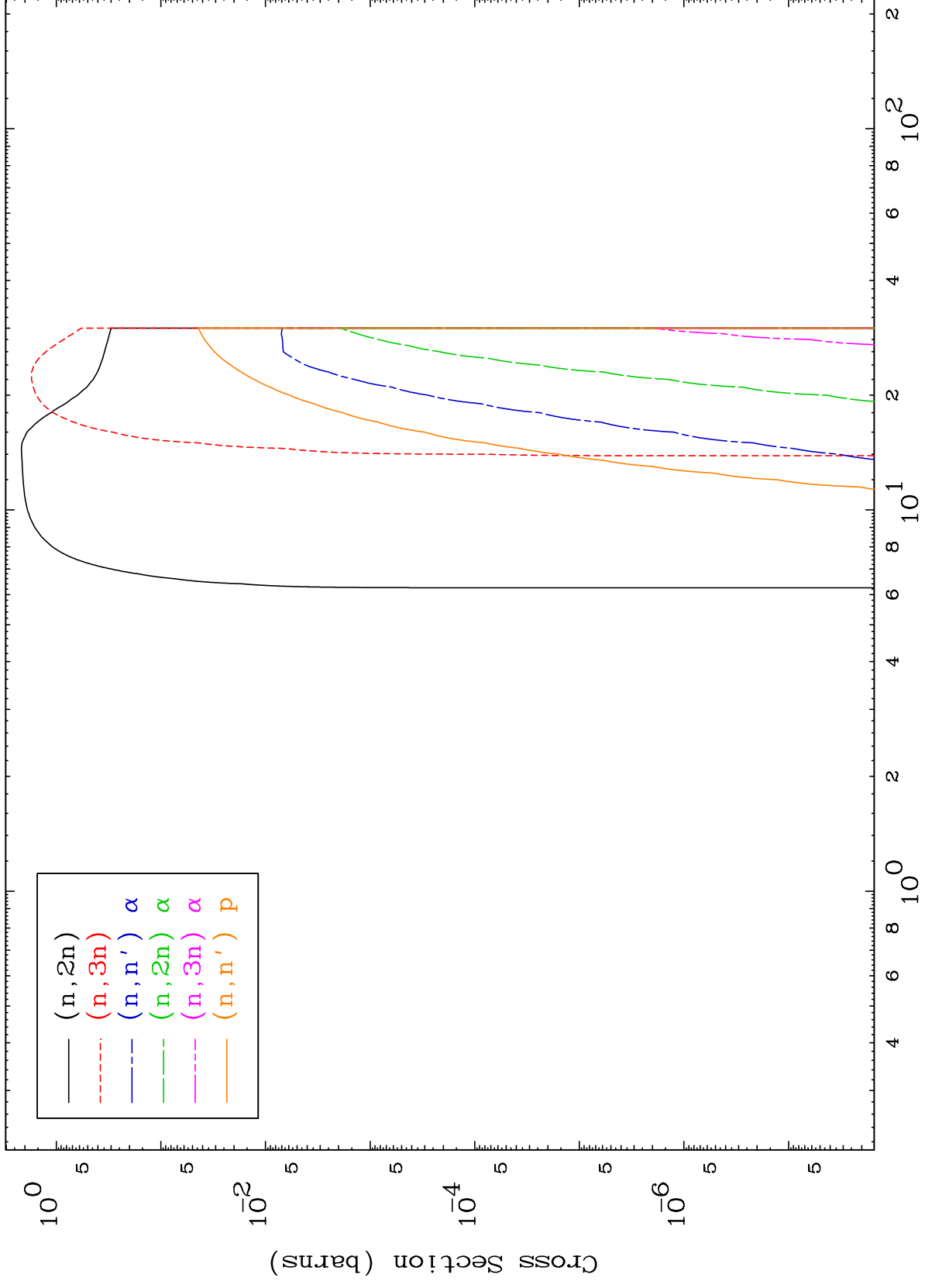
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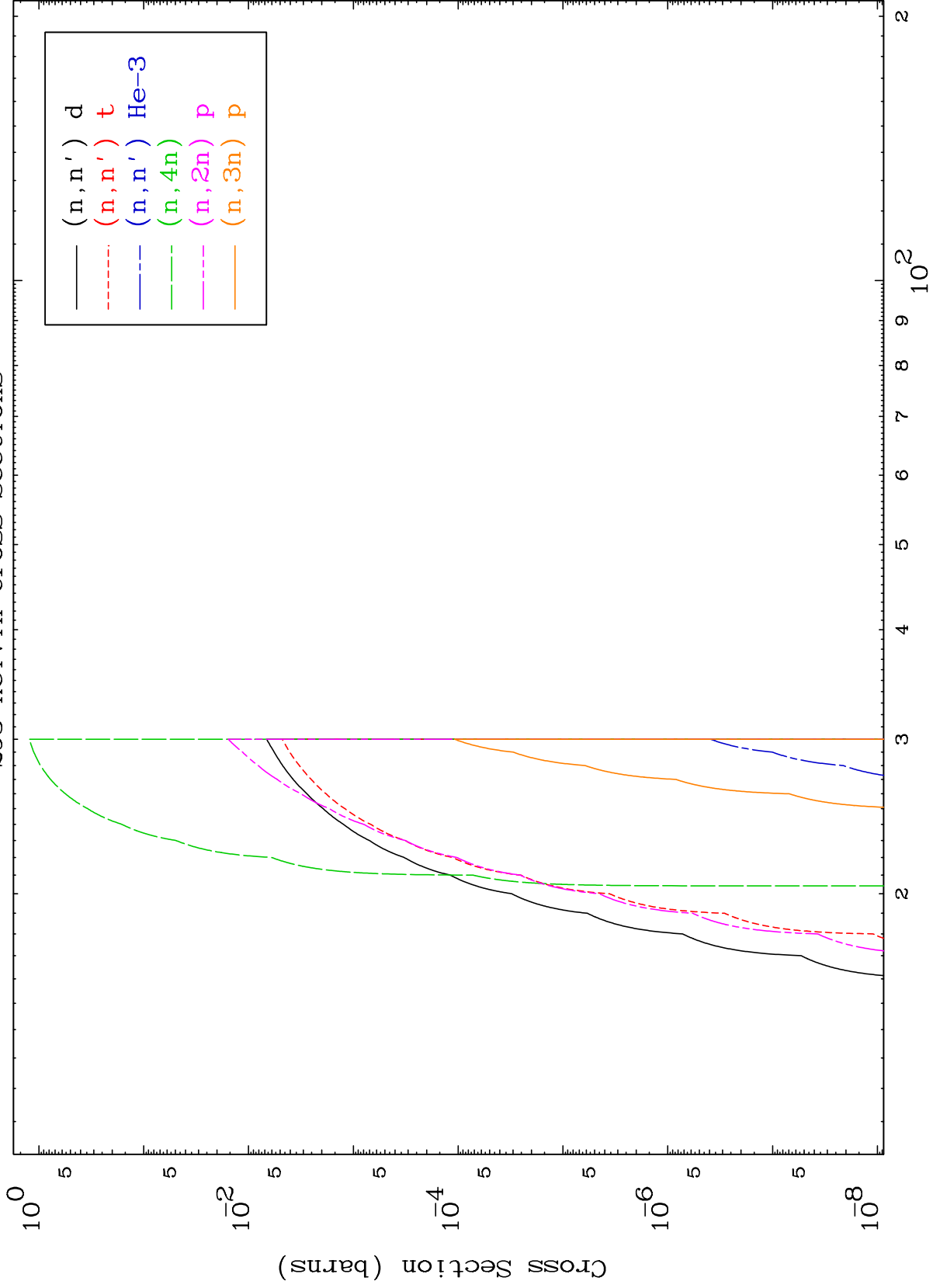


MAT 7934

Neutron Production
293 Kelvin Cross Sections

79-Au-200

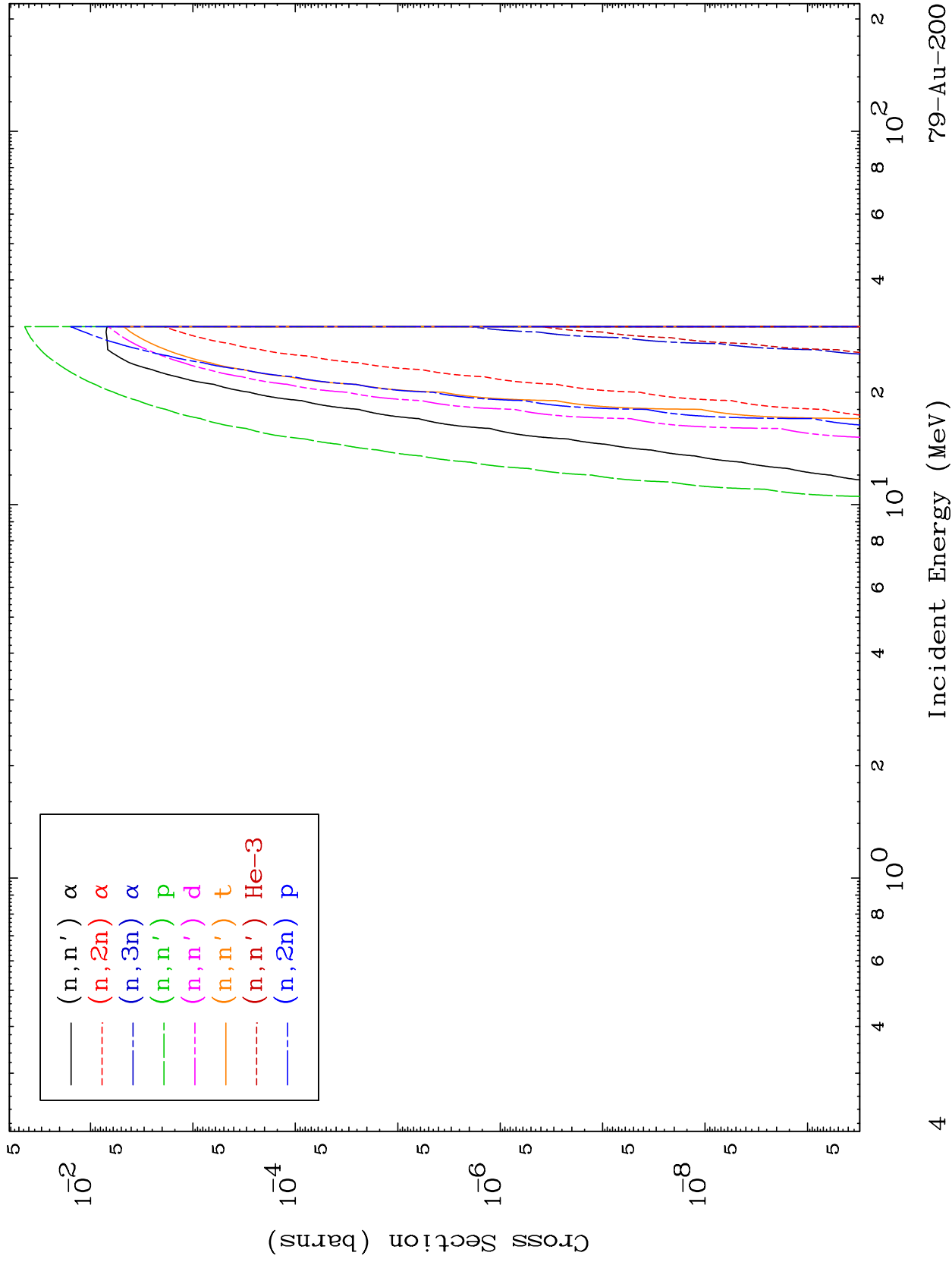




MAT 7934

Charged Particle
293 Kelvin Cross Sections

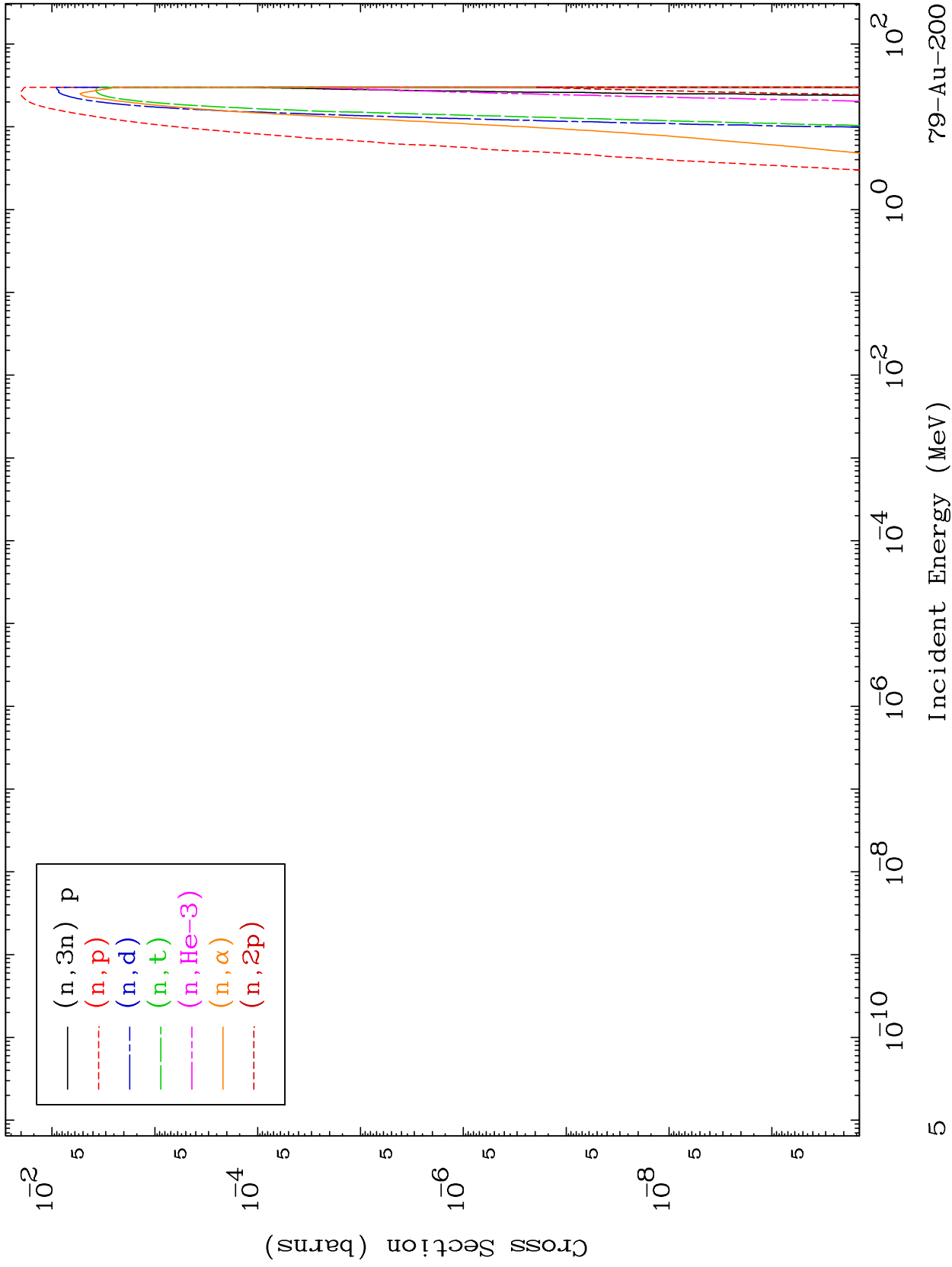
79-Au-200



MAT 7934

Charged Particle
293 Kelvin Cross Sections

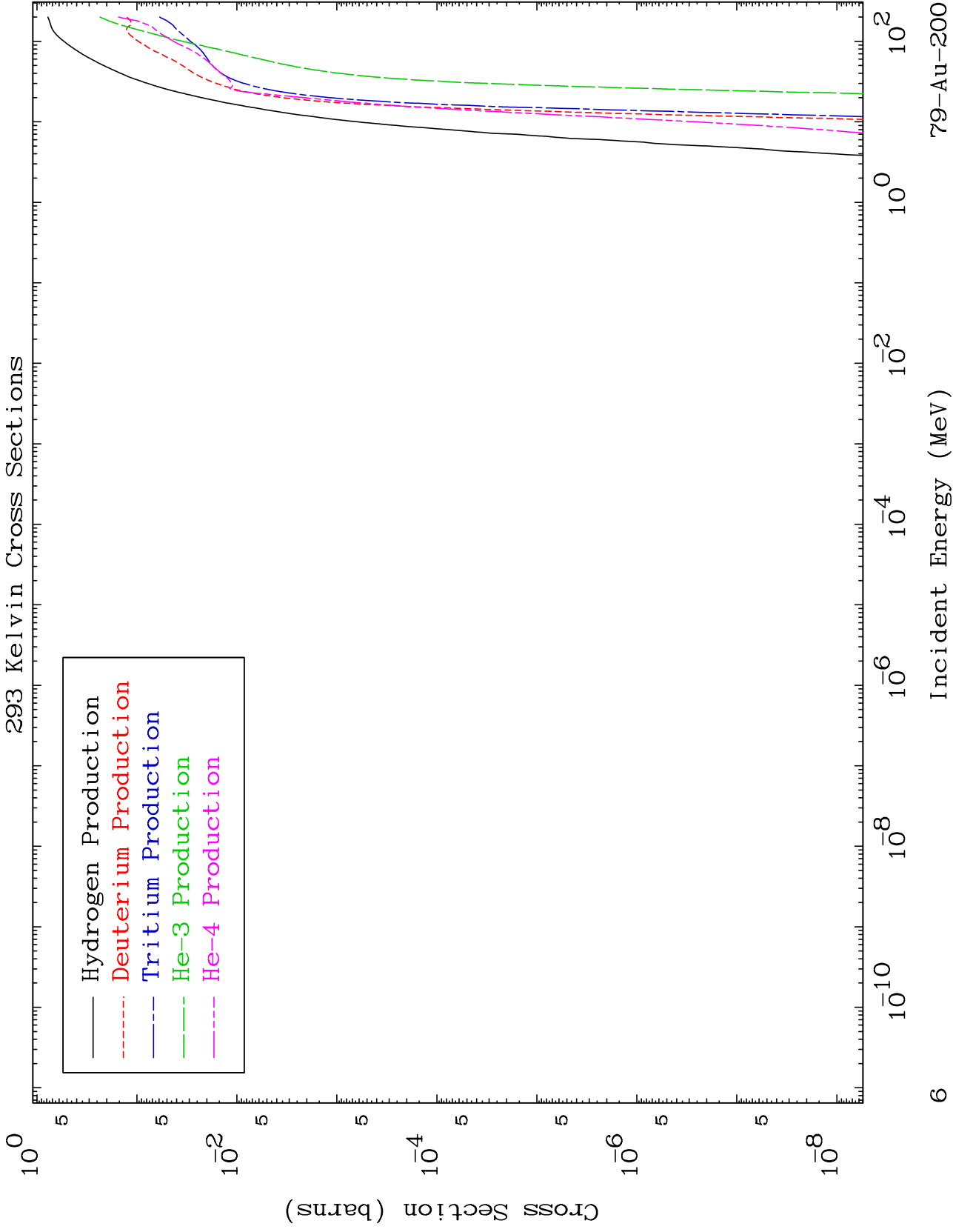
79-Au-200



MAT 7934

Particle Production
293 Kelvin Cross Sections

79-Au-200

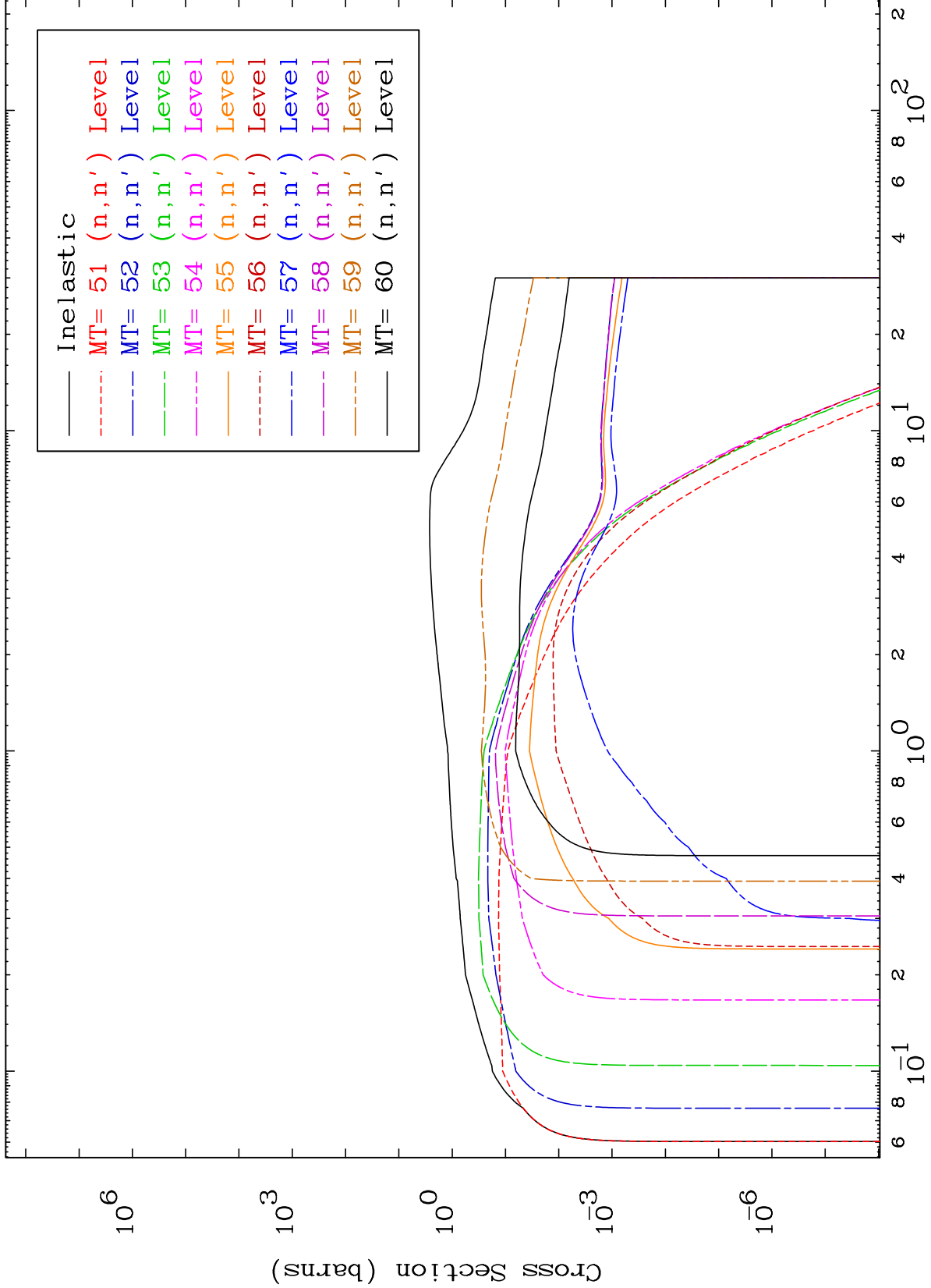


MAT 7934

(n,n') Level

79-Au-200

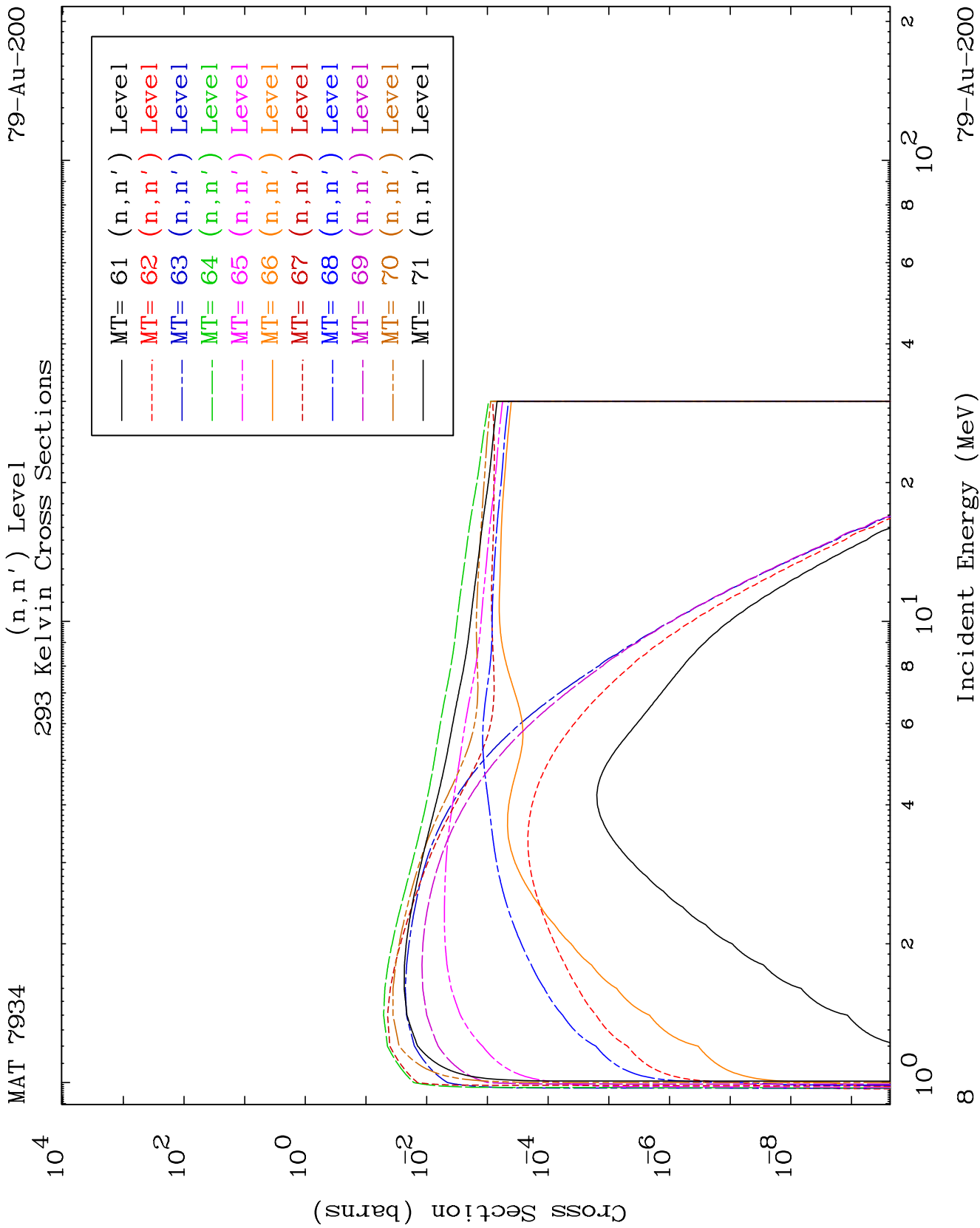
293 Kelvin Cross Sections



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Incident Energy (MeV)

79-Au-200

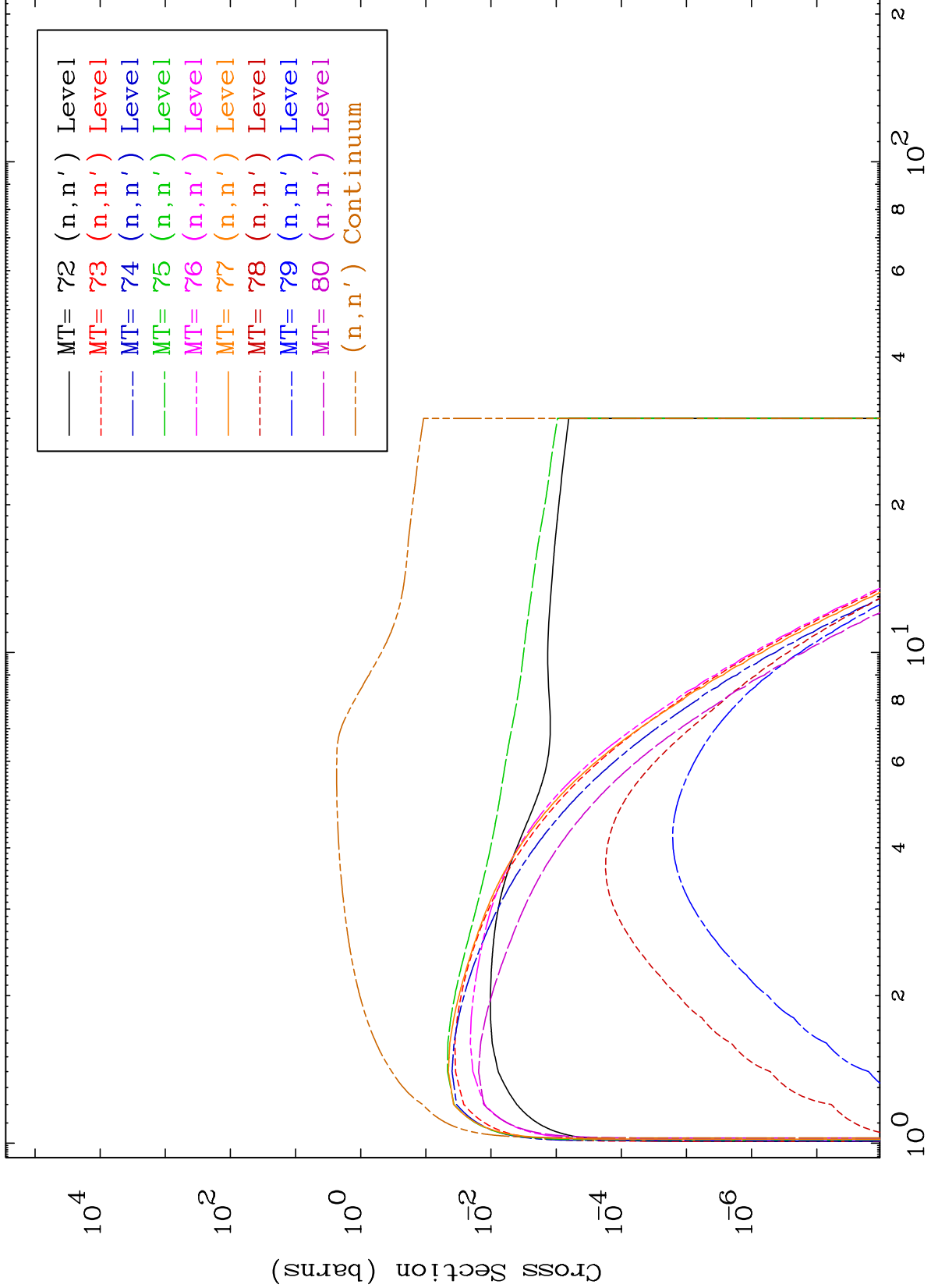


MAT 7934

(n,n') Level

79-Au-200

293 Kelvin Cross Sections



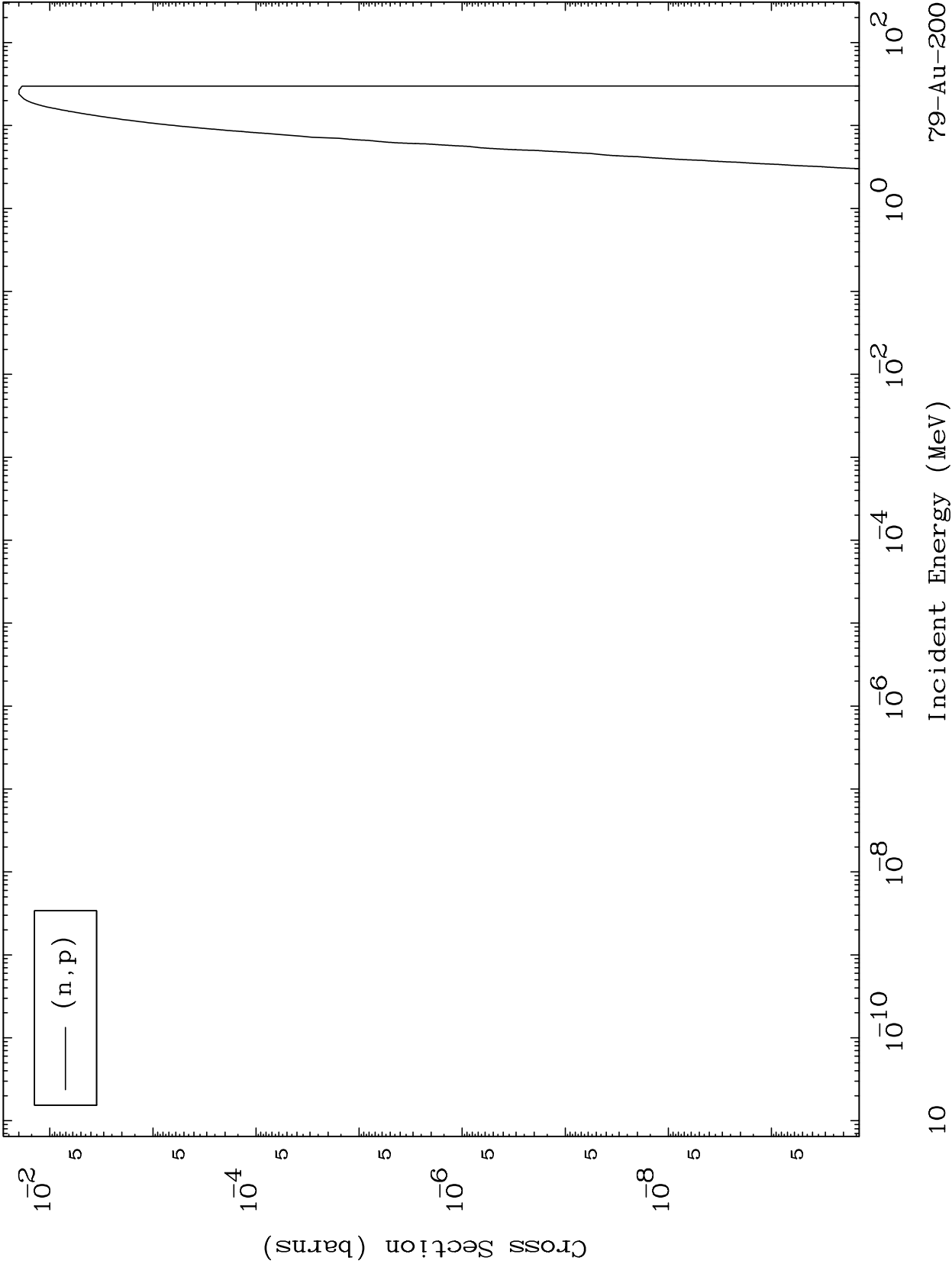
Incident Energy (MeV)

79-Au-200

MAT 7934

(n,p) Levels
293 Kelvin Cross Sections

79-Au-200



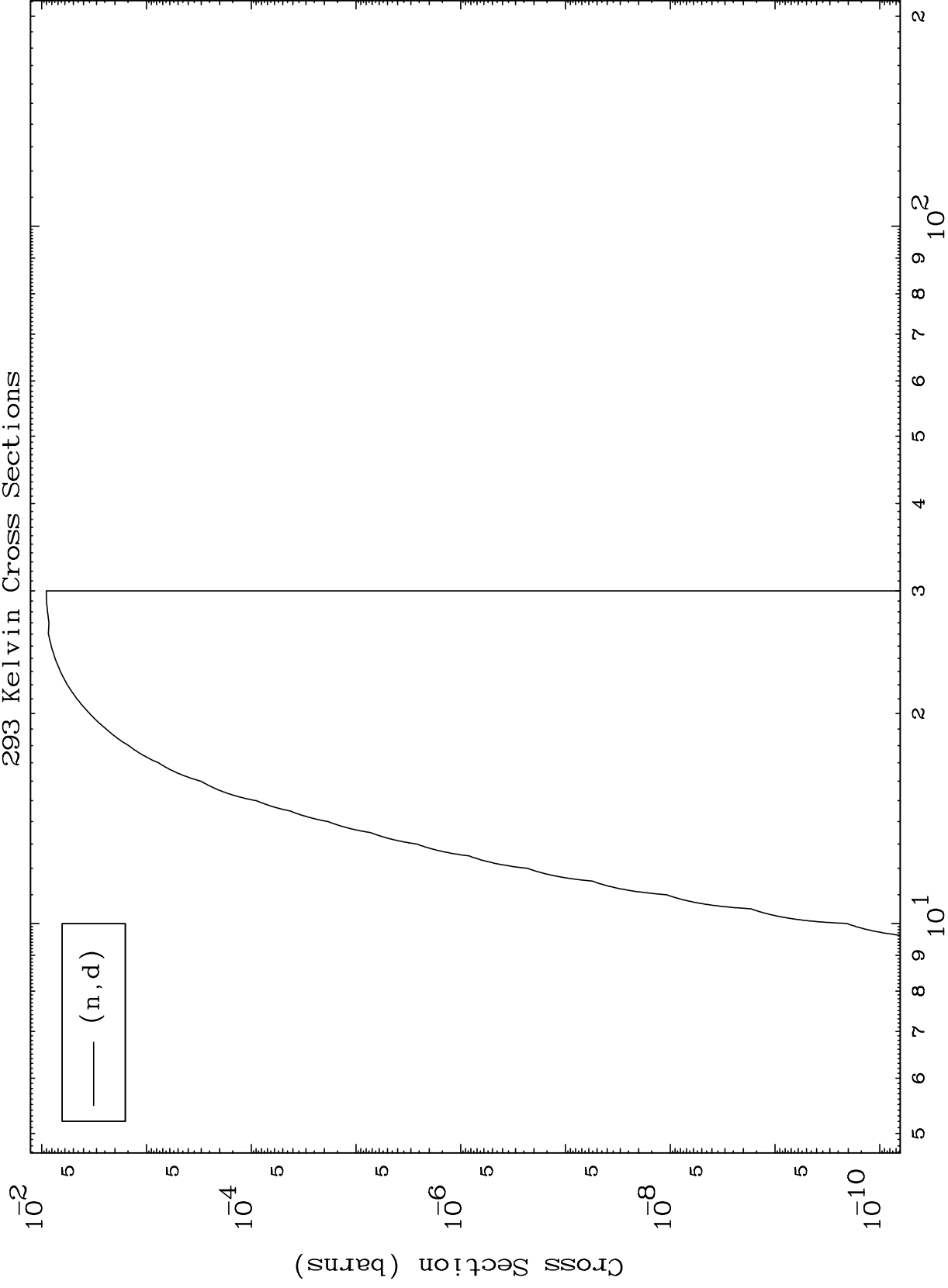
10

79-Au-200

MAT 7934

(n,d) Levels
293 Kelvin Cross Sections

79-Au-200



11

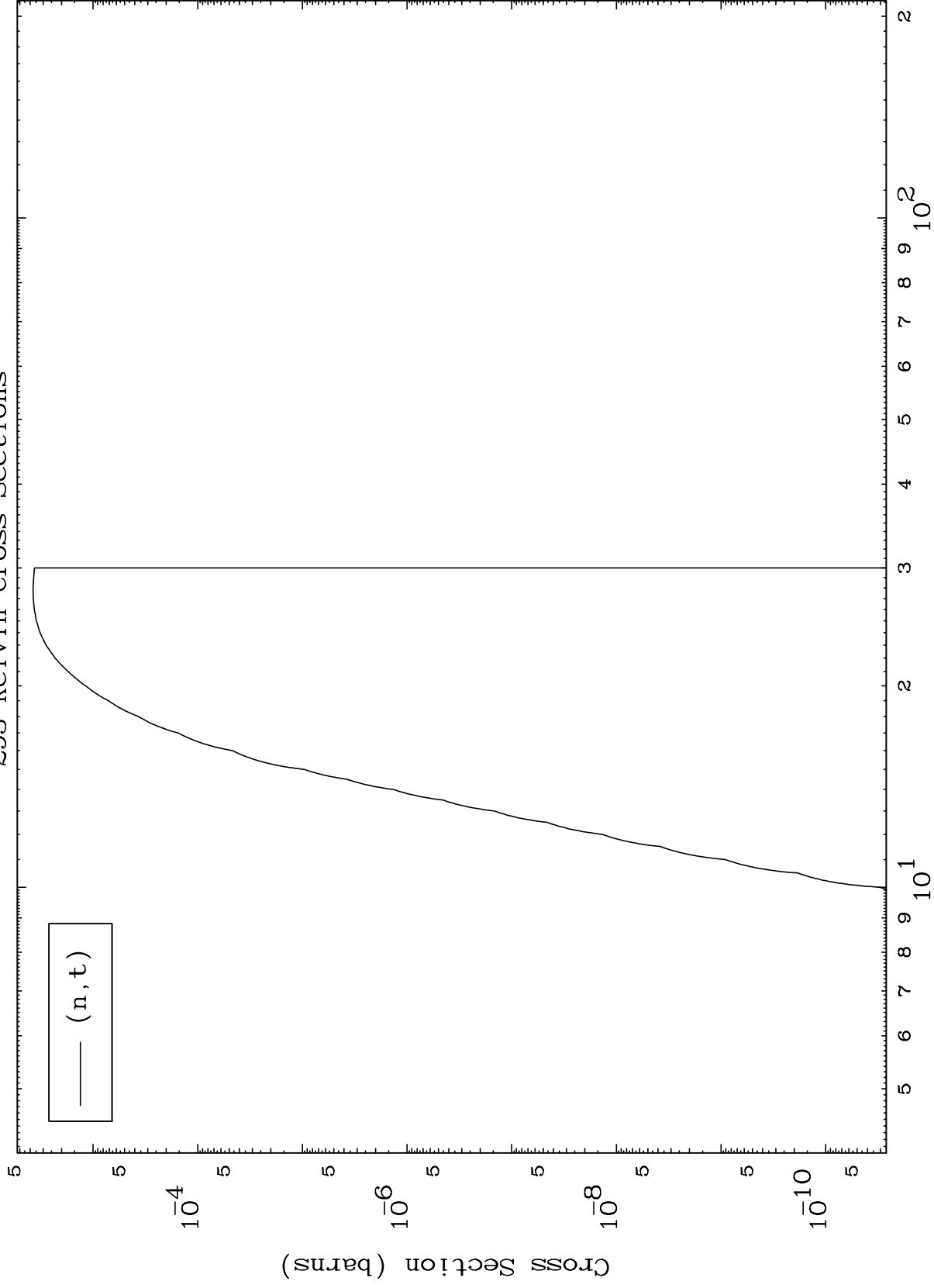
Incident Energy (MeV)

79-Au-200

MAT 7934

(n,t) Levels
293 Kelvin Cross Sections

79-Au-200



12

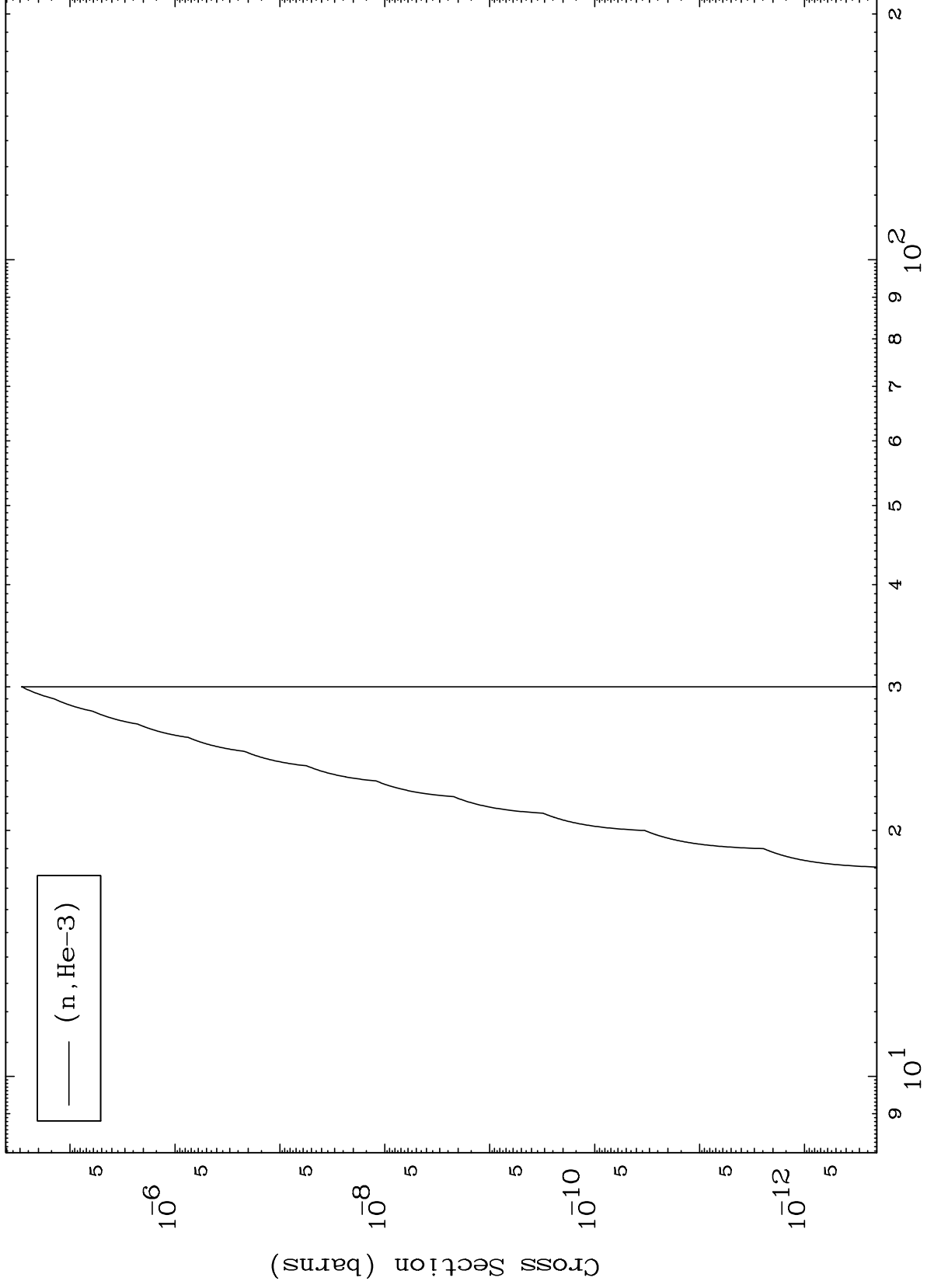
Incident Energy (MeV)

79-Au-200

MAT 7934

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-200



13

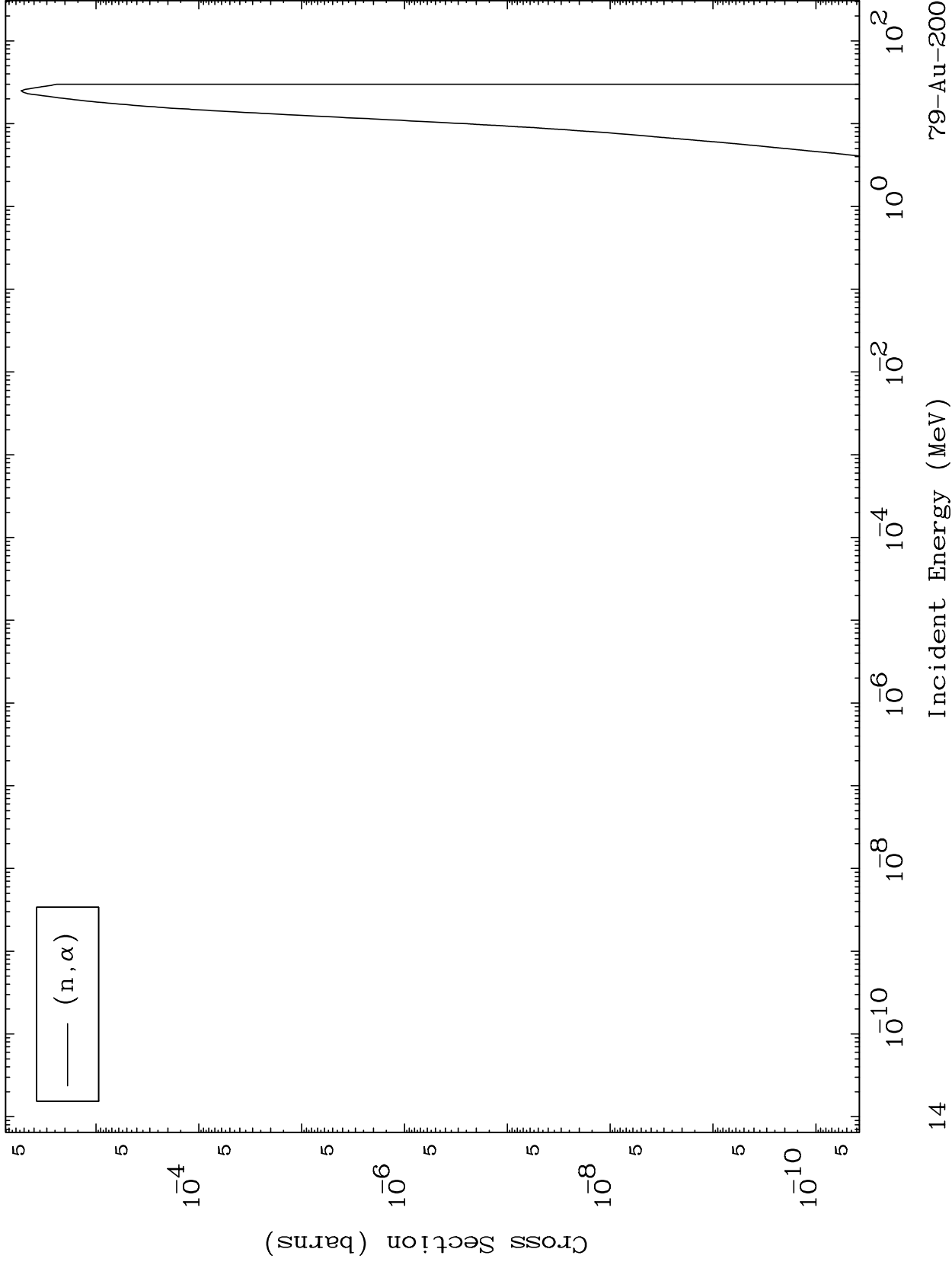
Incident Energy (MeV)

79-Au-200

MAT 7934

(n, α) Levels
293 Kelvin Cross Sections

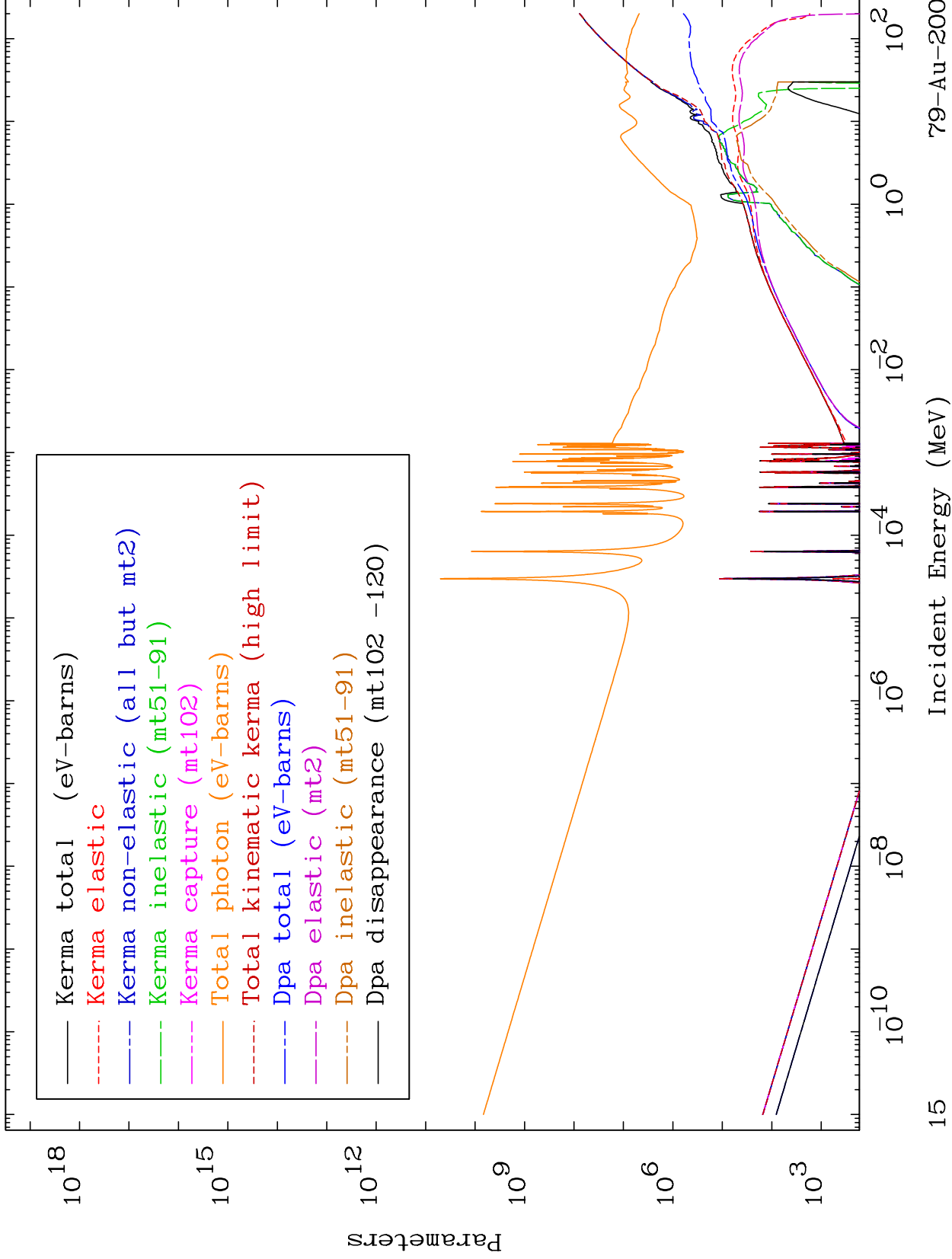
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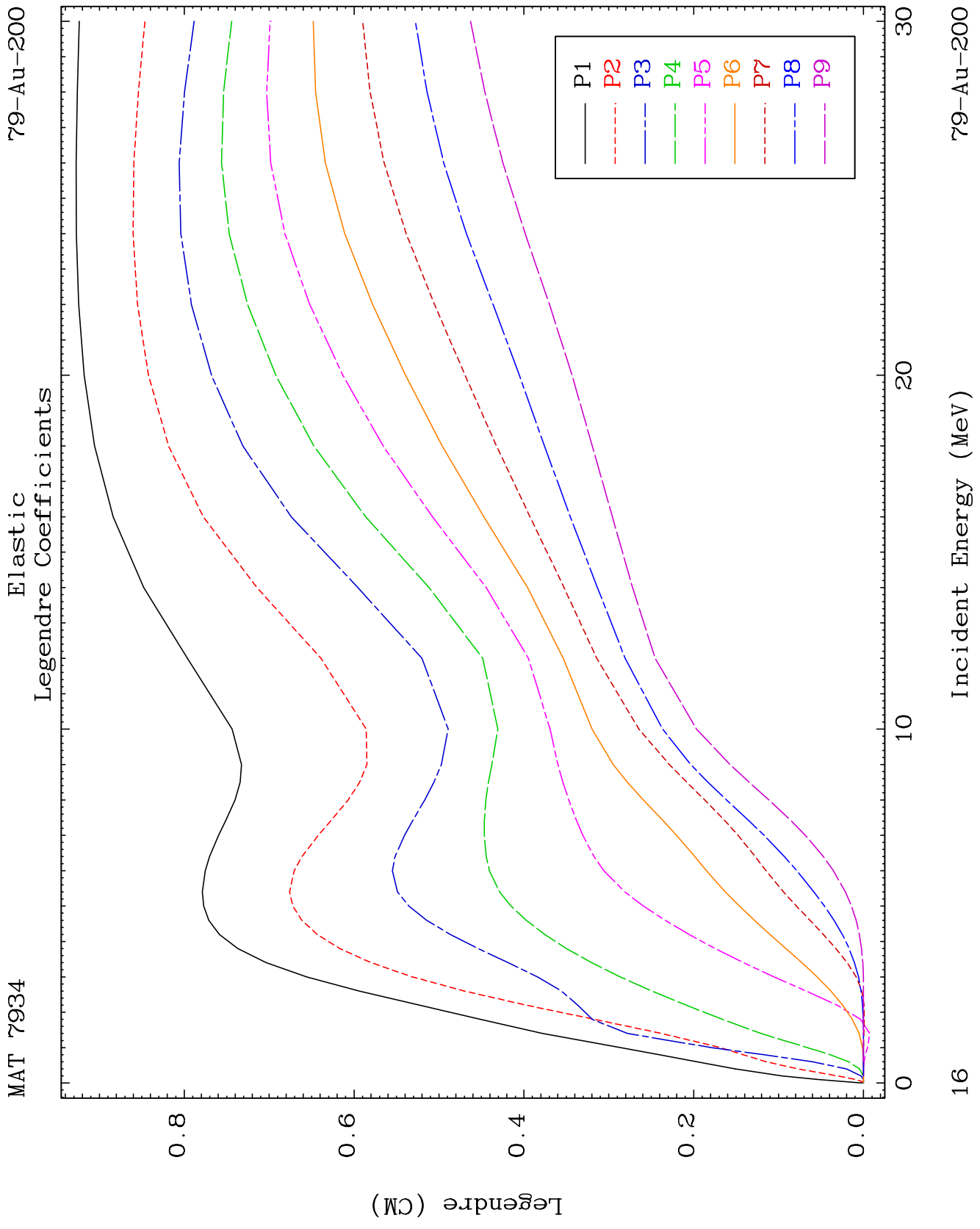


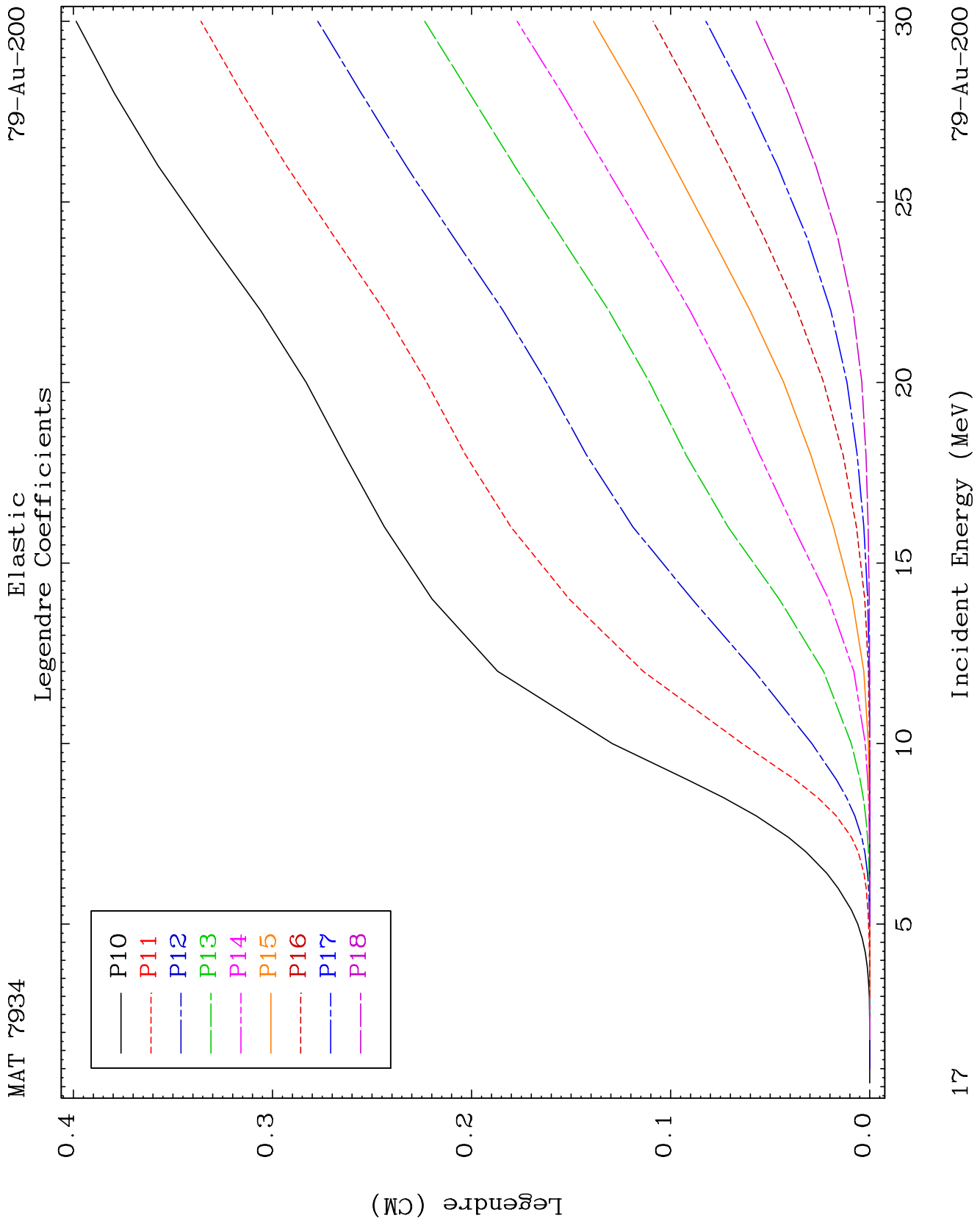
14

Incident Energy (MeV)

79-Au-200



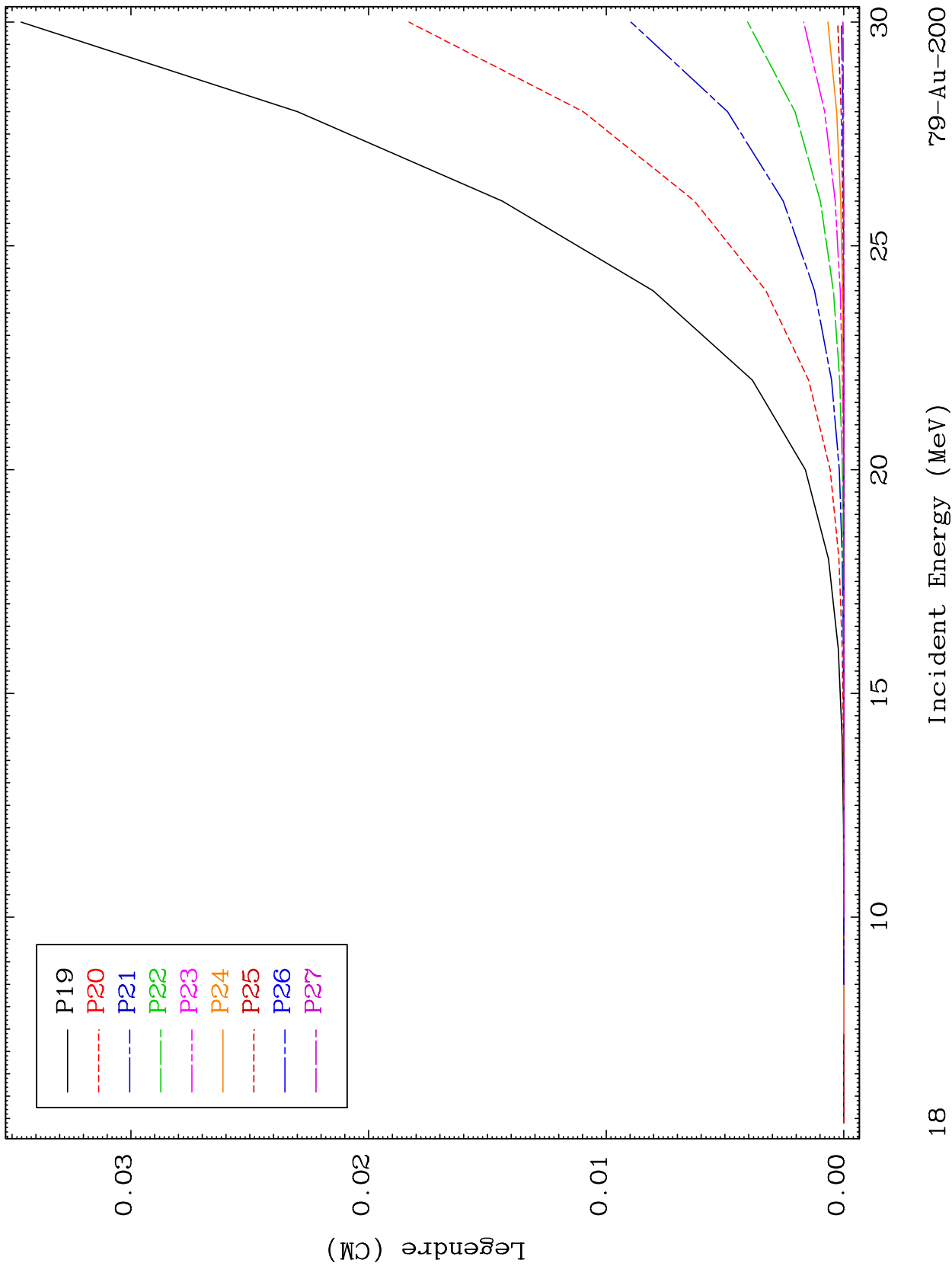




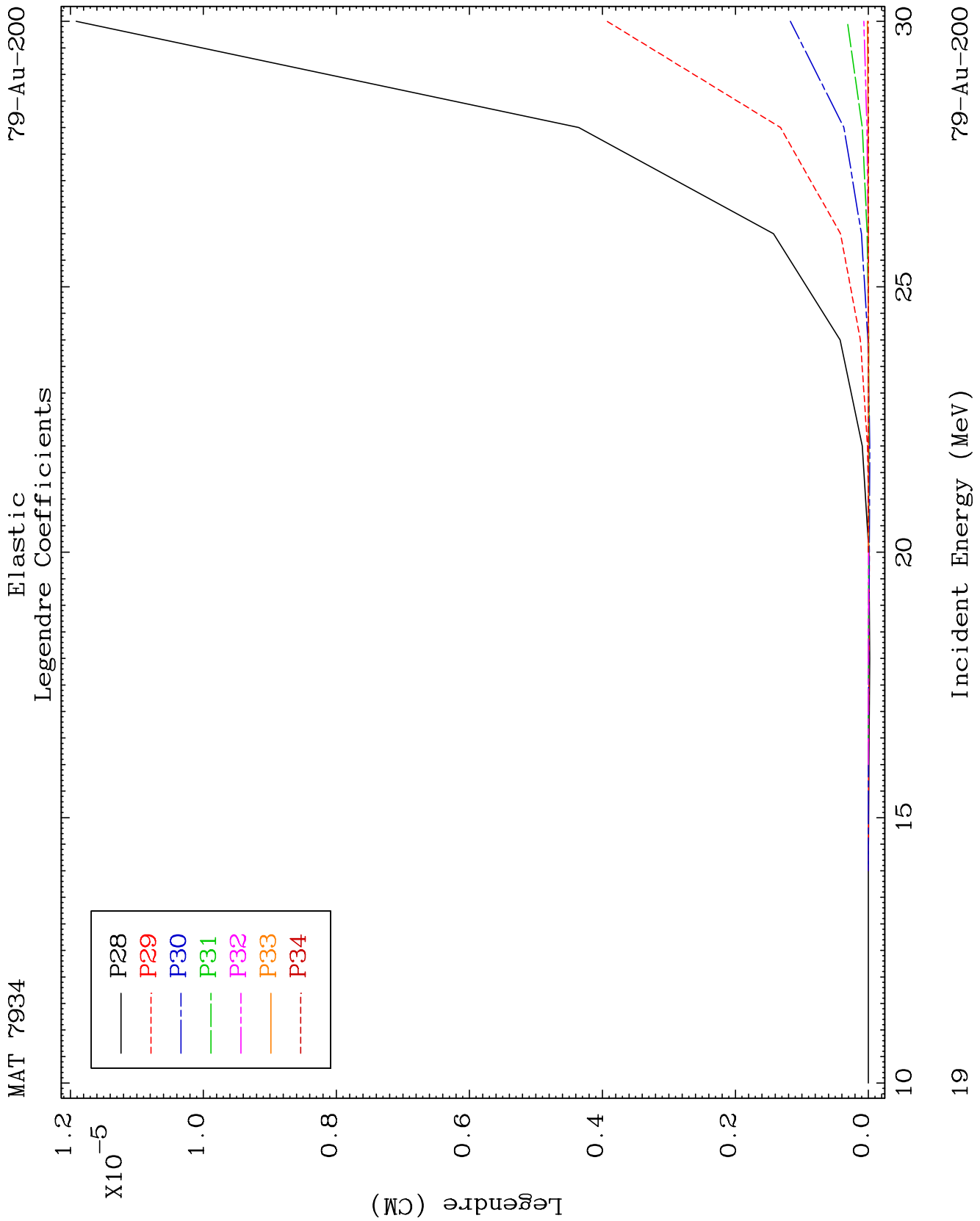
MAT 7934

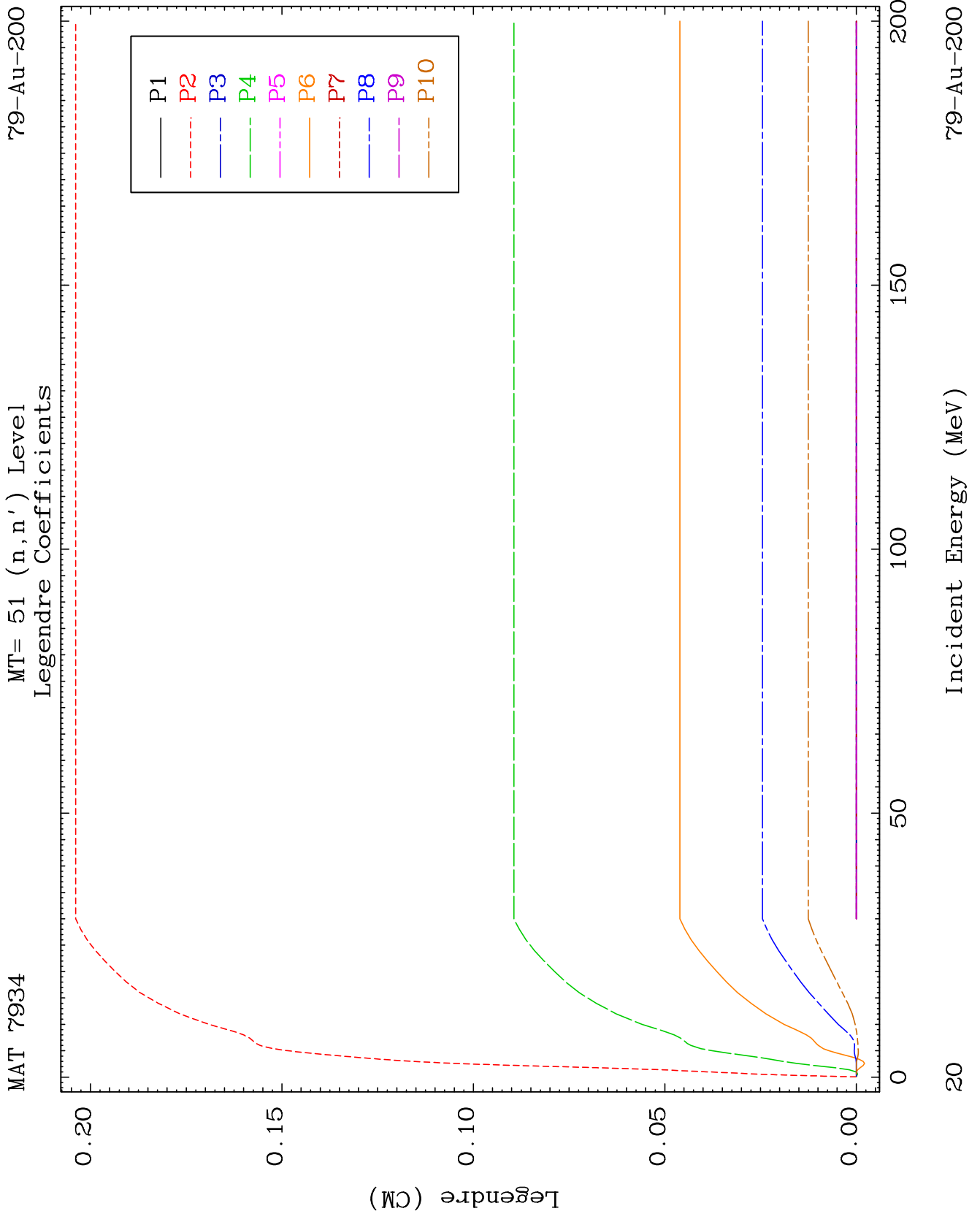
Elastic Legendre Coefficients

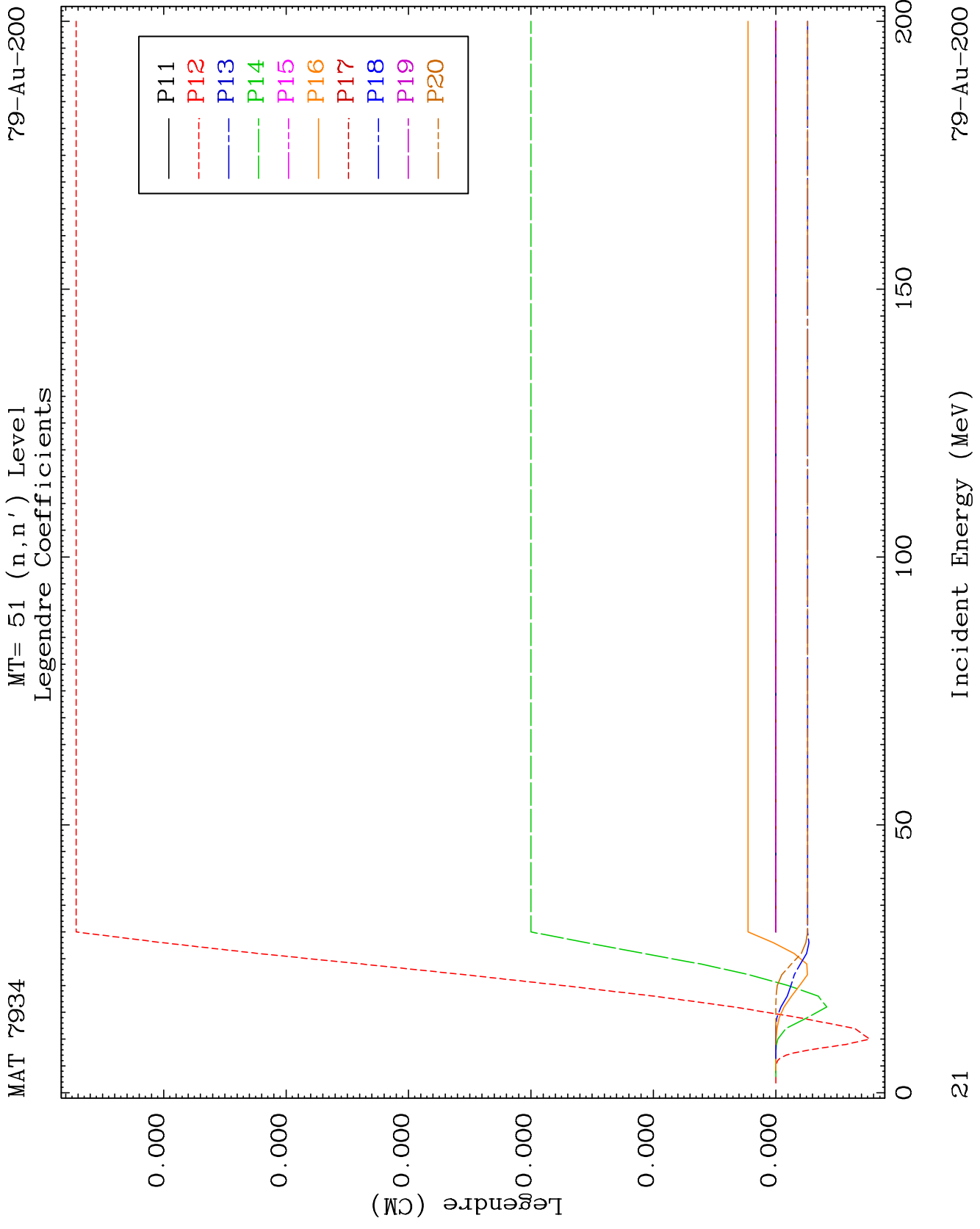
79-Au-200

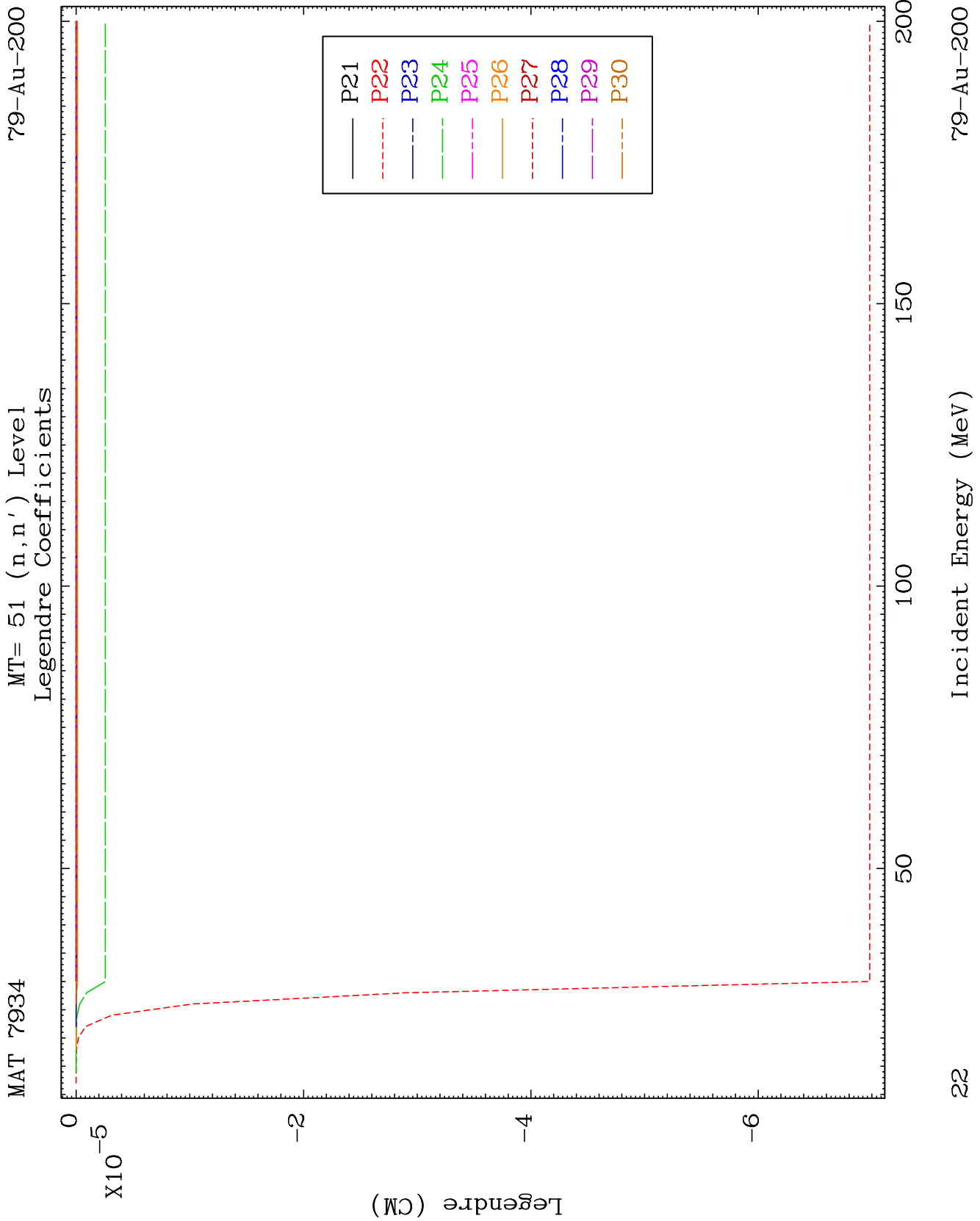


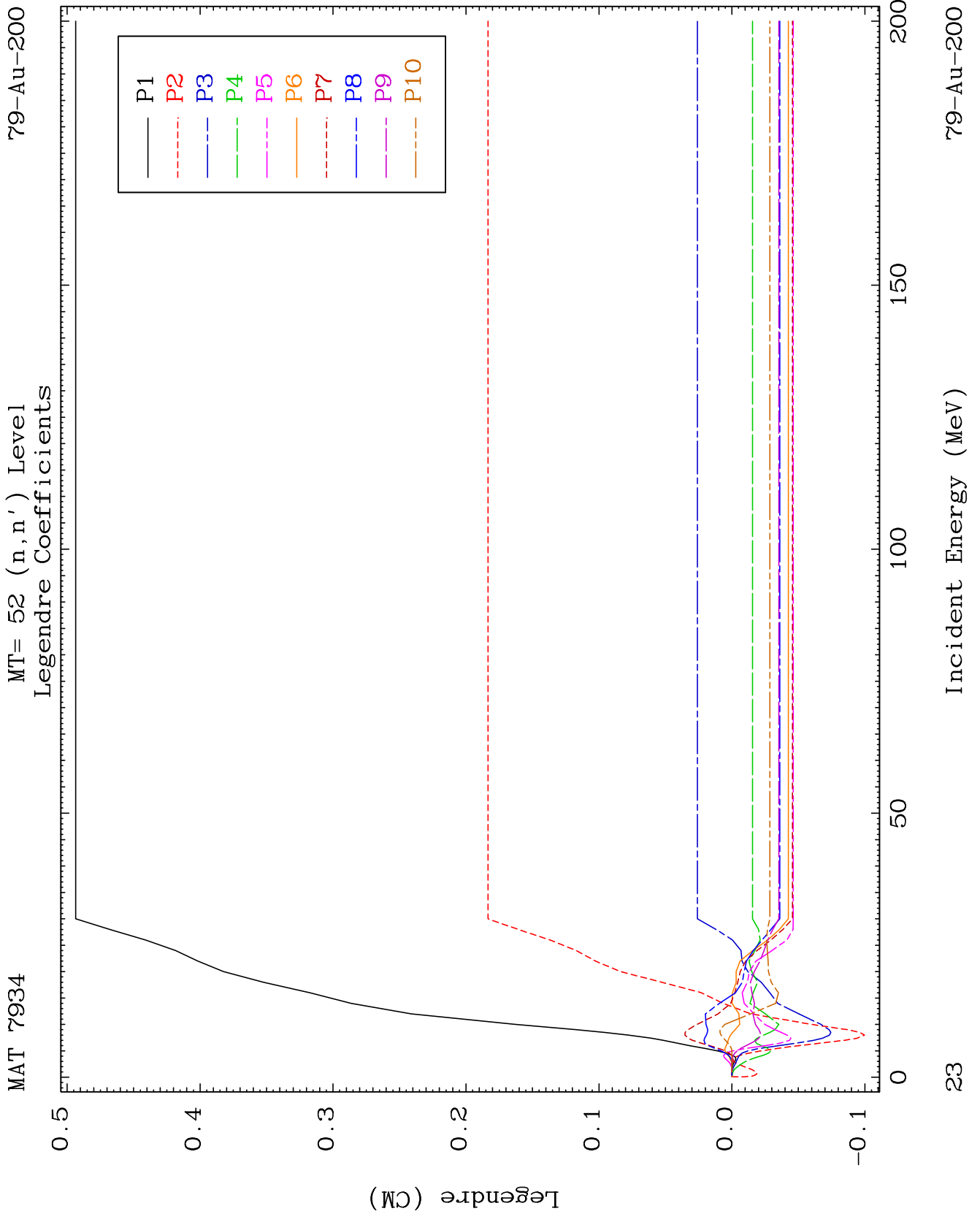
- P19
- P20
- P21
- P22
- P23
- P24
- P25
- P26
- P27







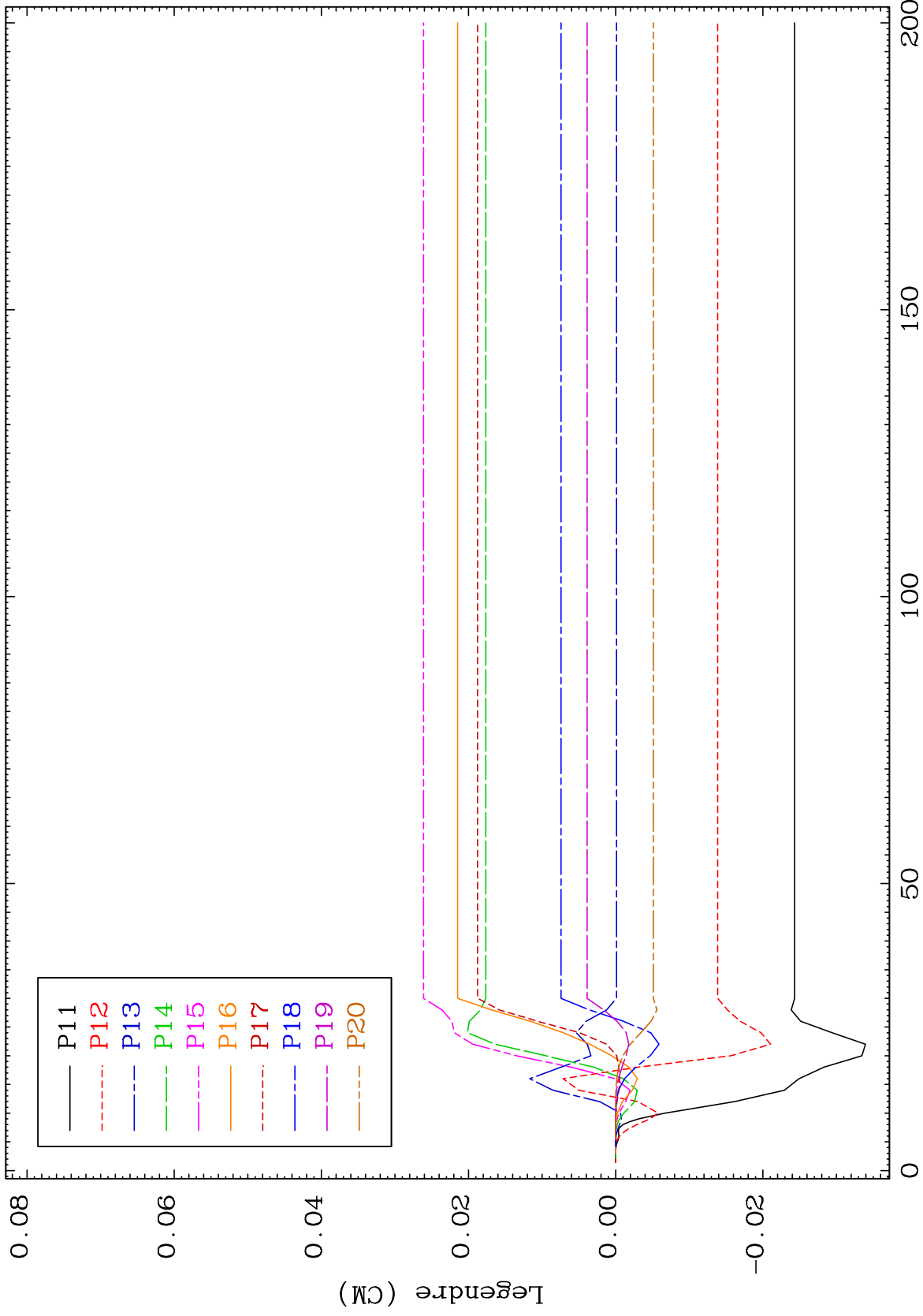




MAT 7934

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

79-Au-200



24

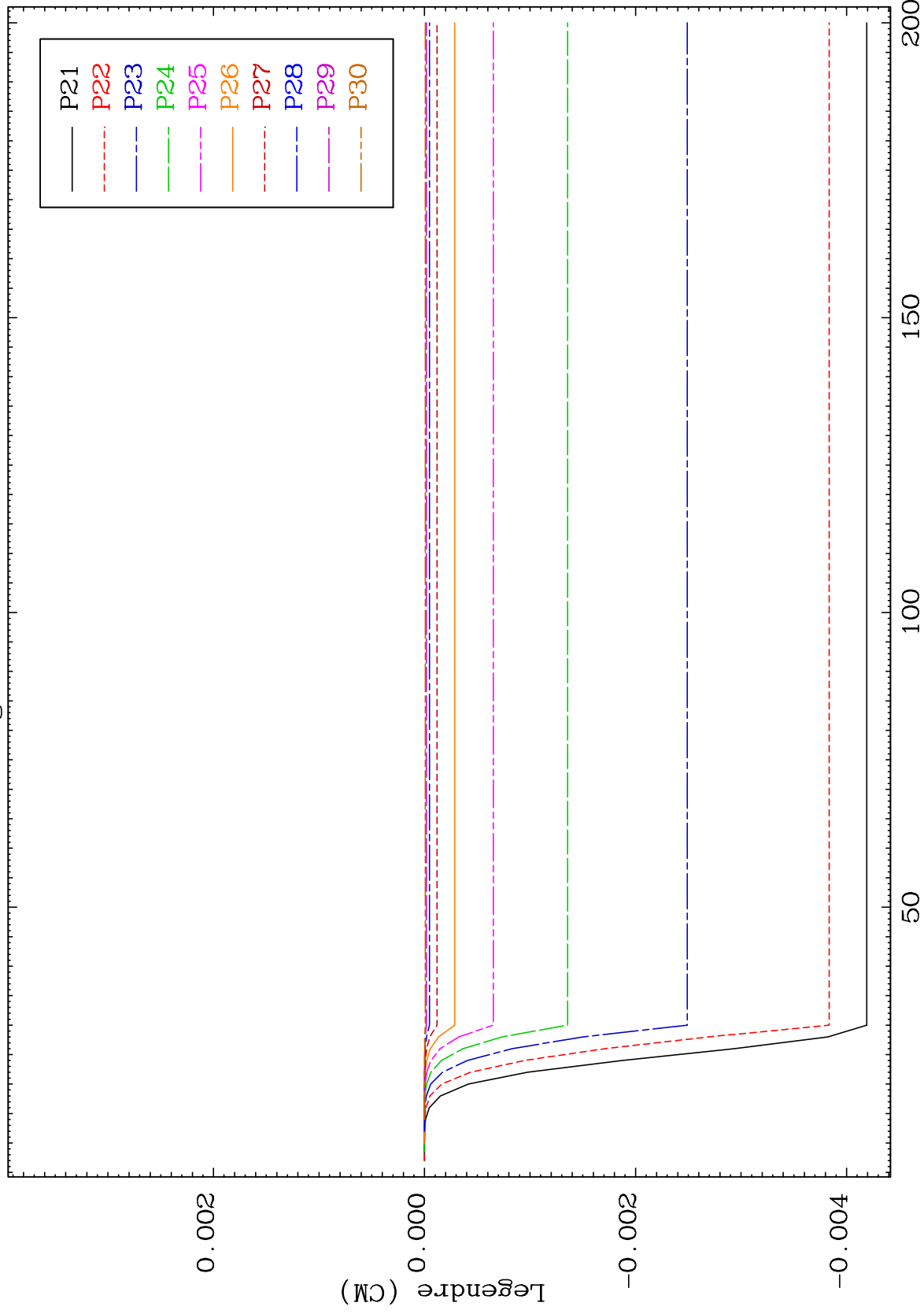
Incident Energy (MeV)

79-Au-200

MAT 7934

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

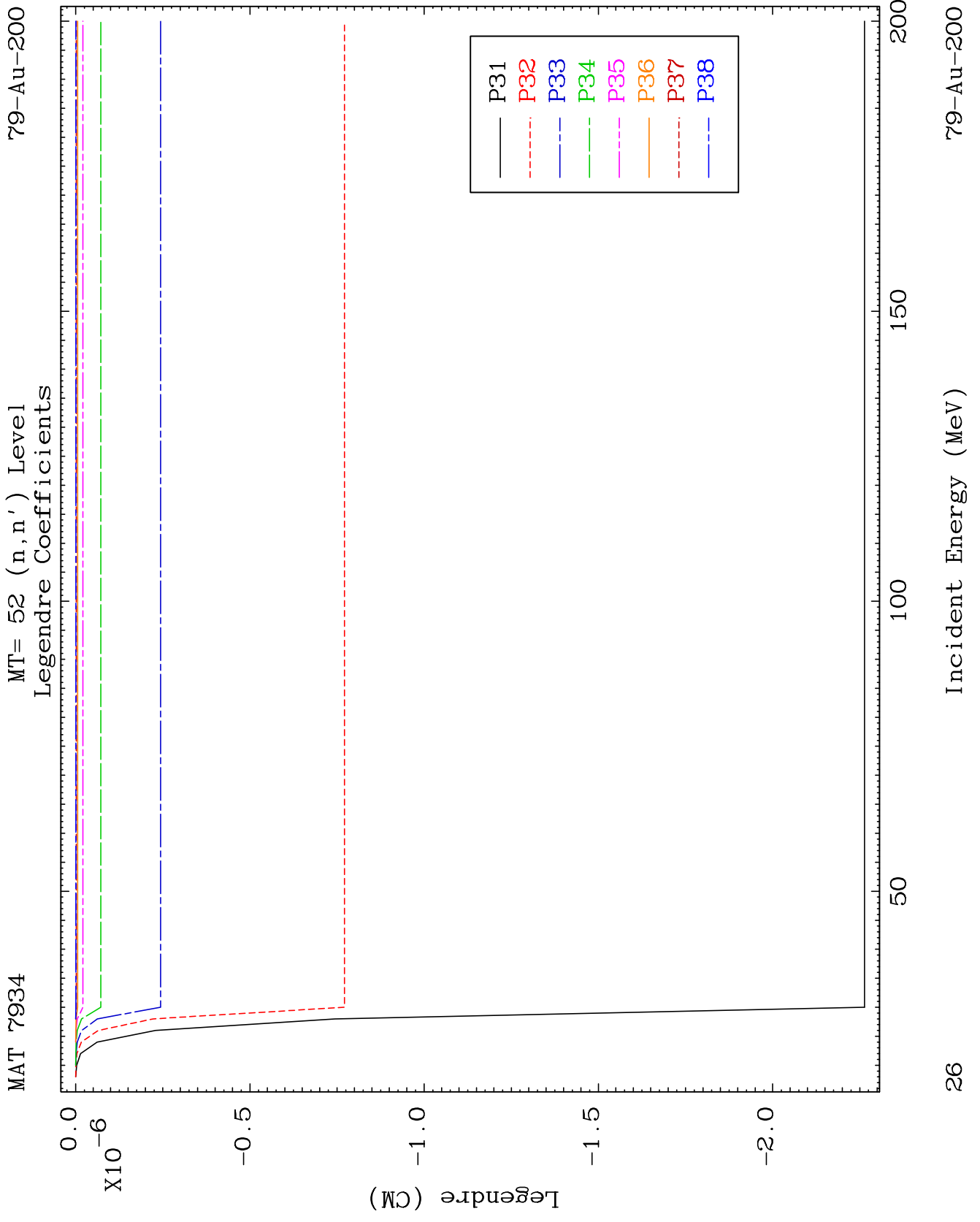
79-Au-200



25

Incident Energy (MeV)

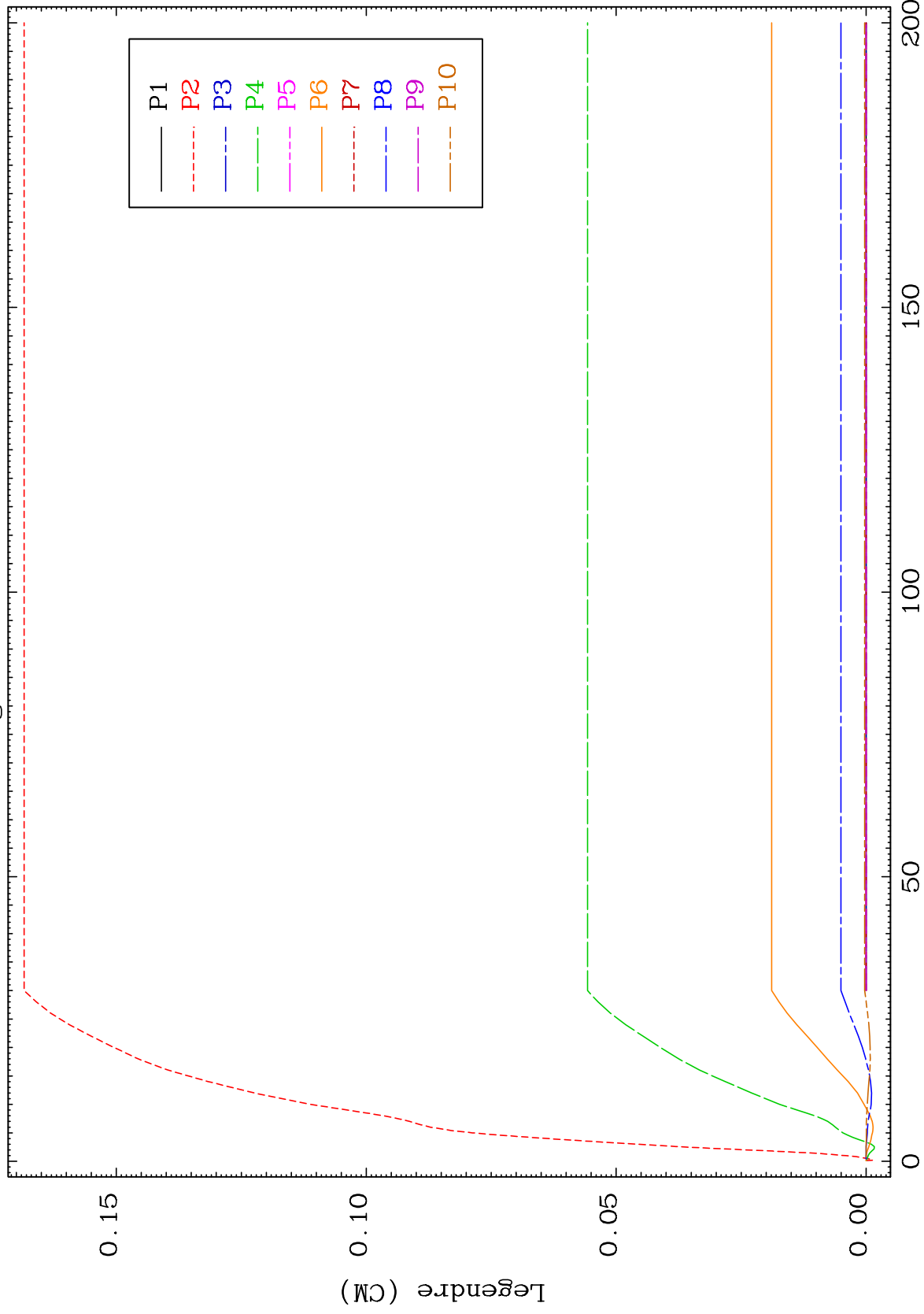
79-Au-200



MAT 7934

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

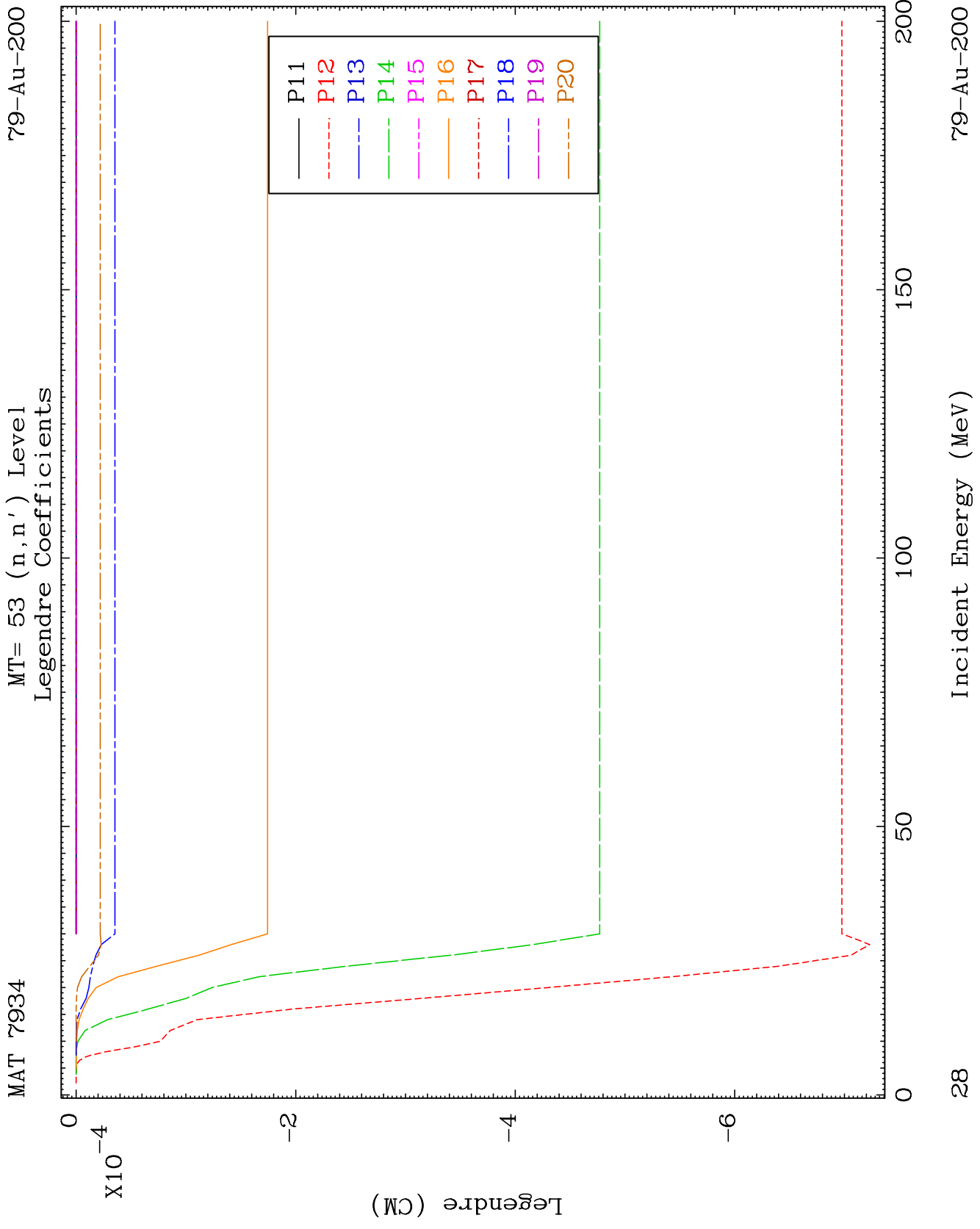
79-Au-200



27

Incident Energy (MeV)

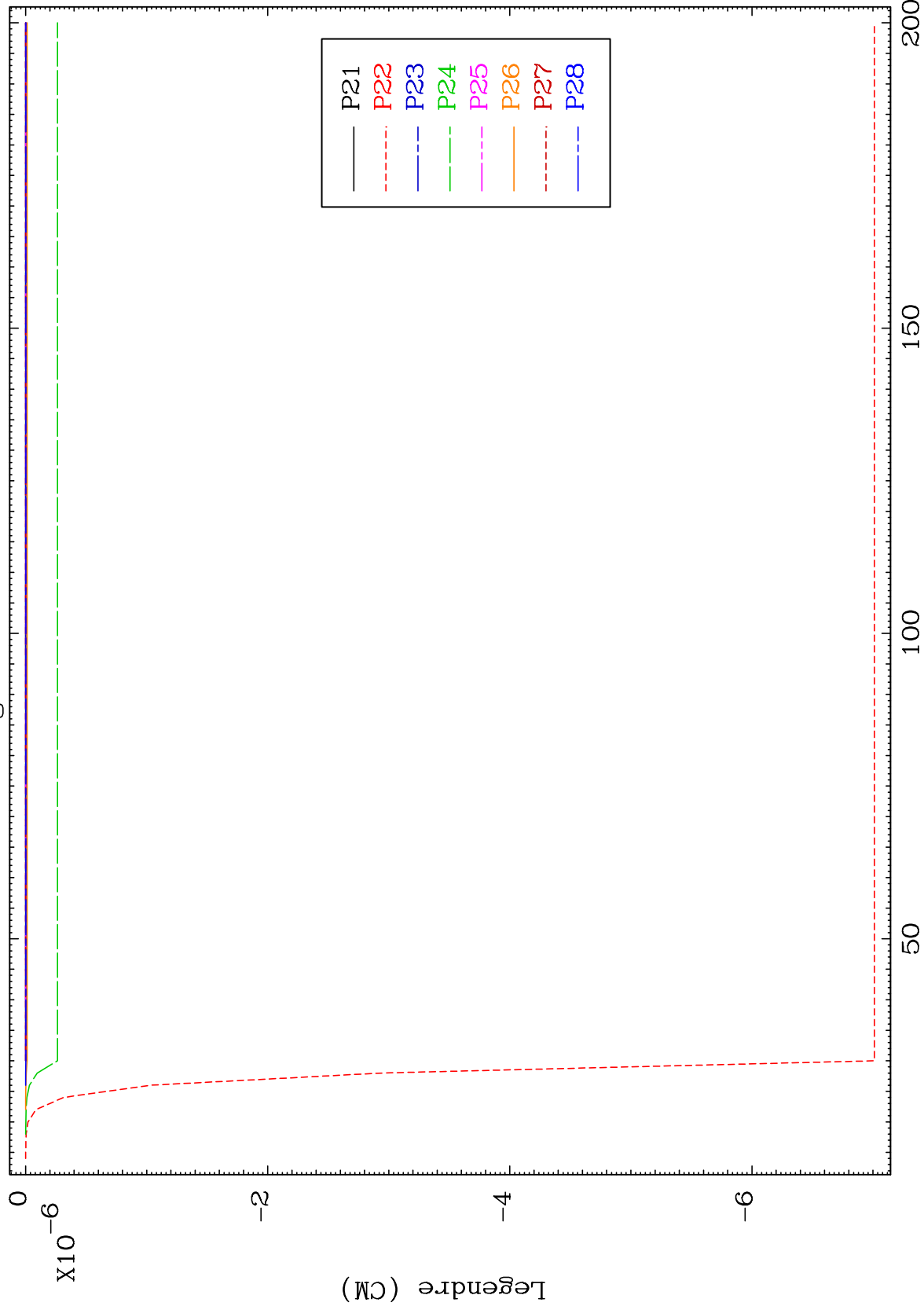
79-Au-200



MAT 7934

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

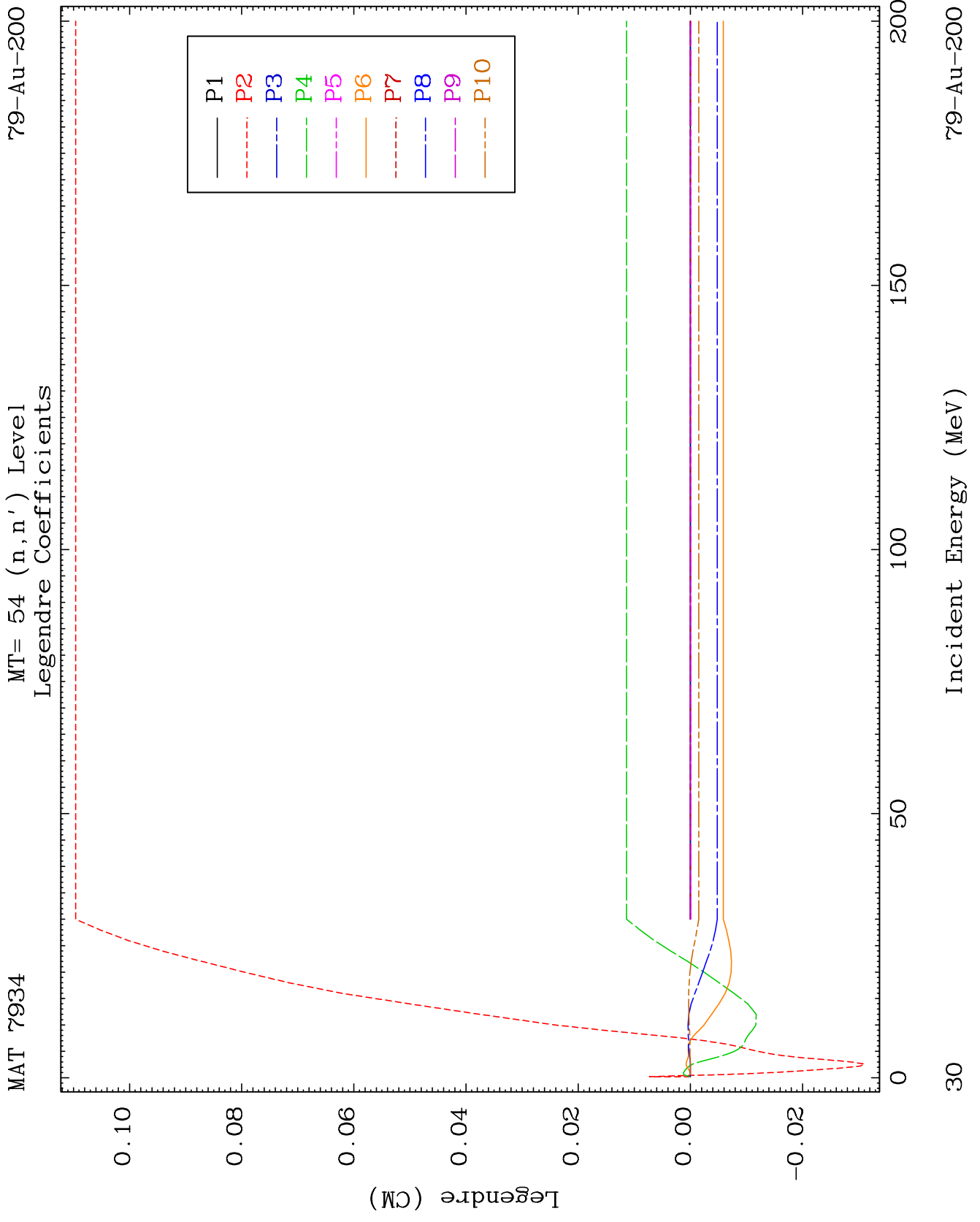
79-Au-200

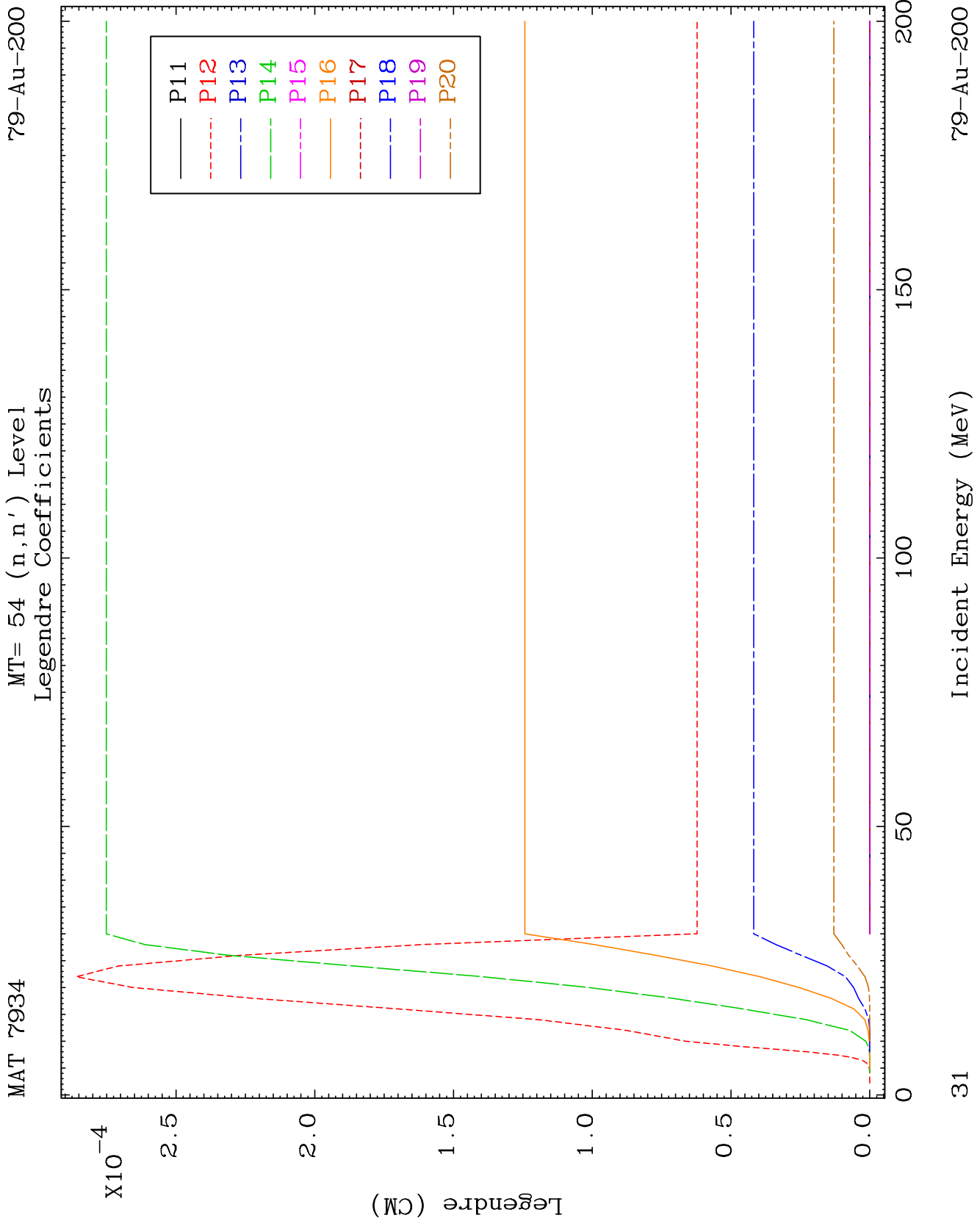


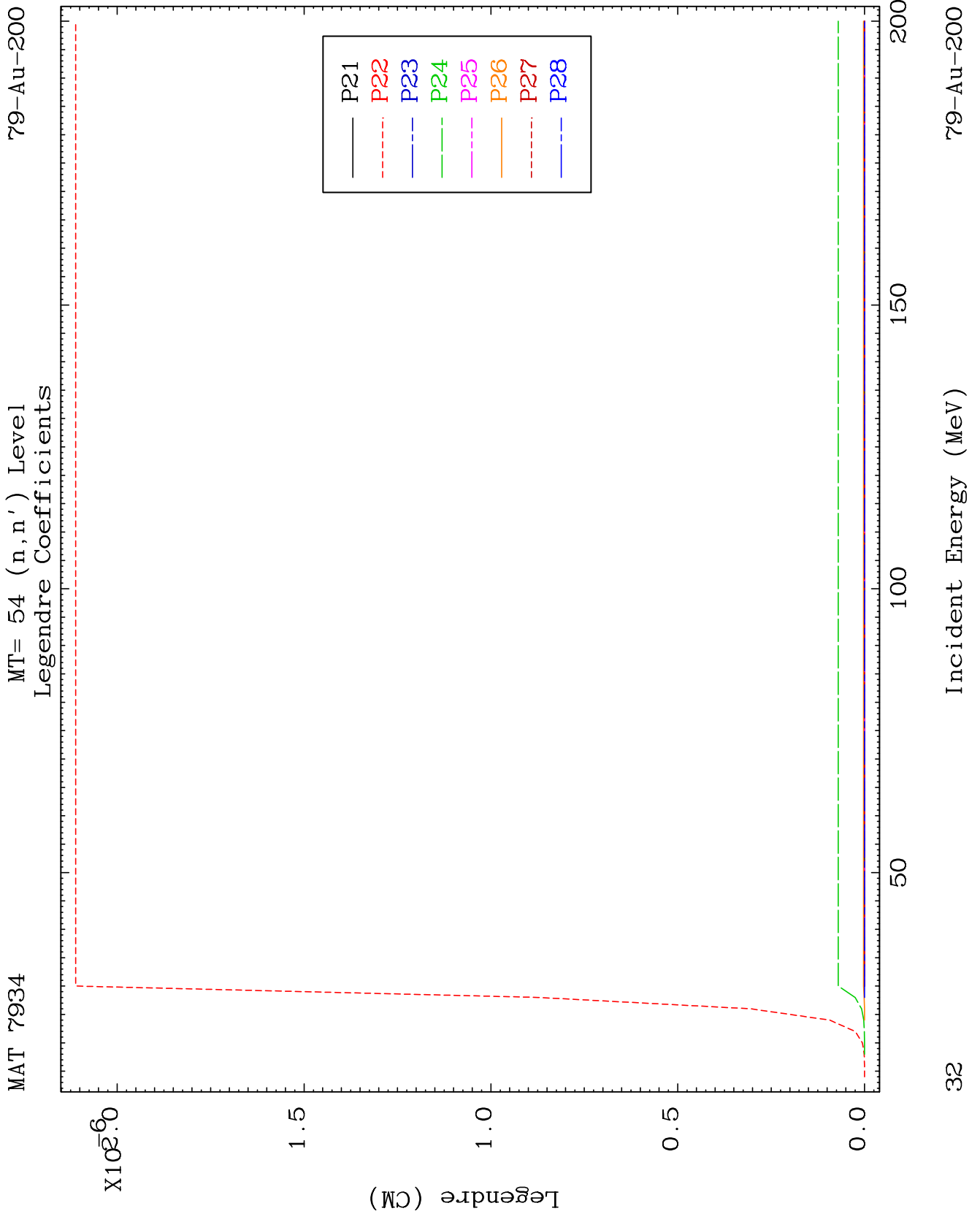
29

Incident Energy (MeV)

79-Au-200



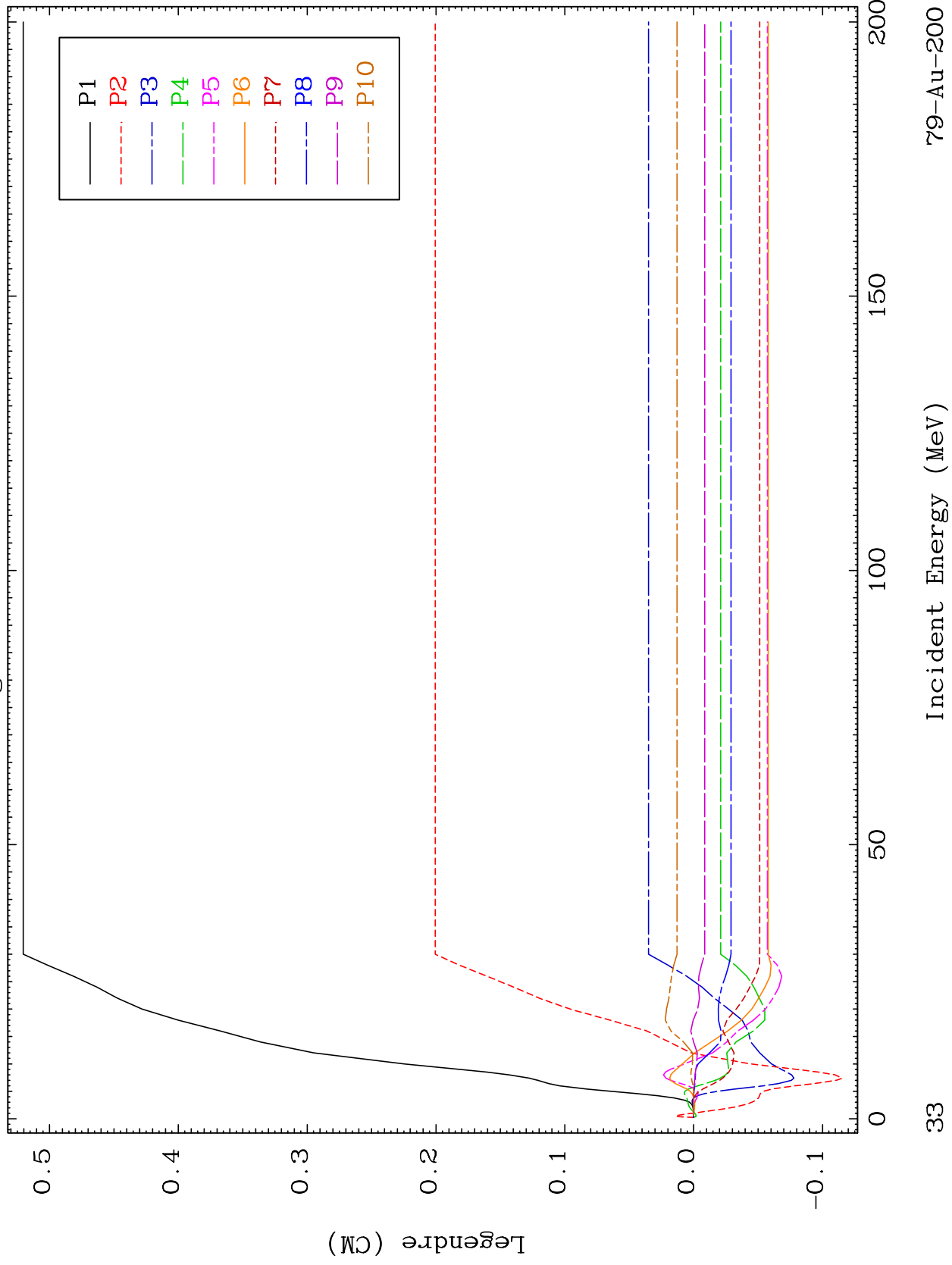




MAT 7934

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

79-Au-200



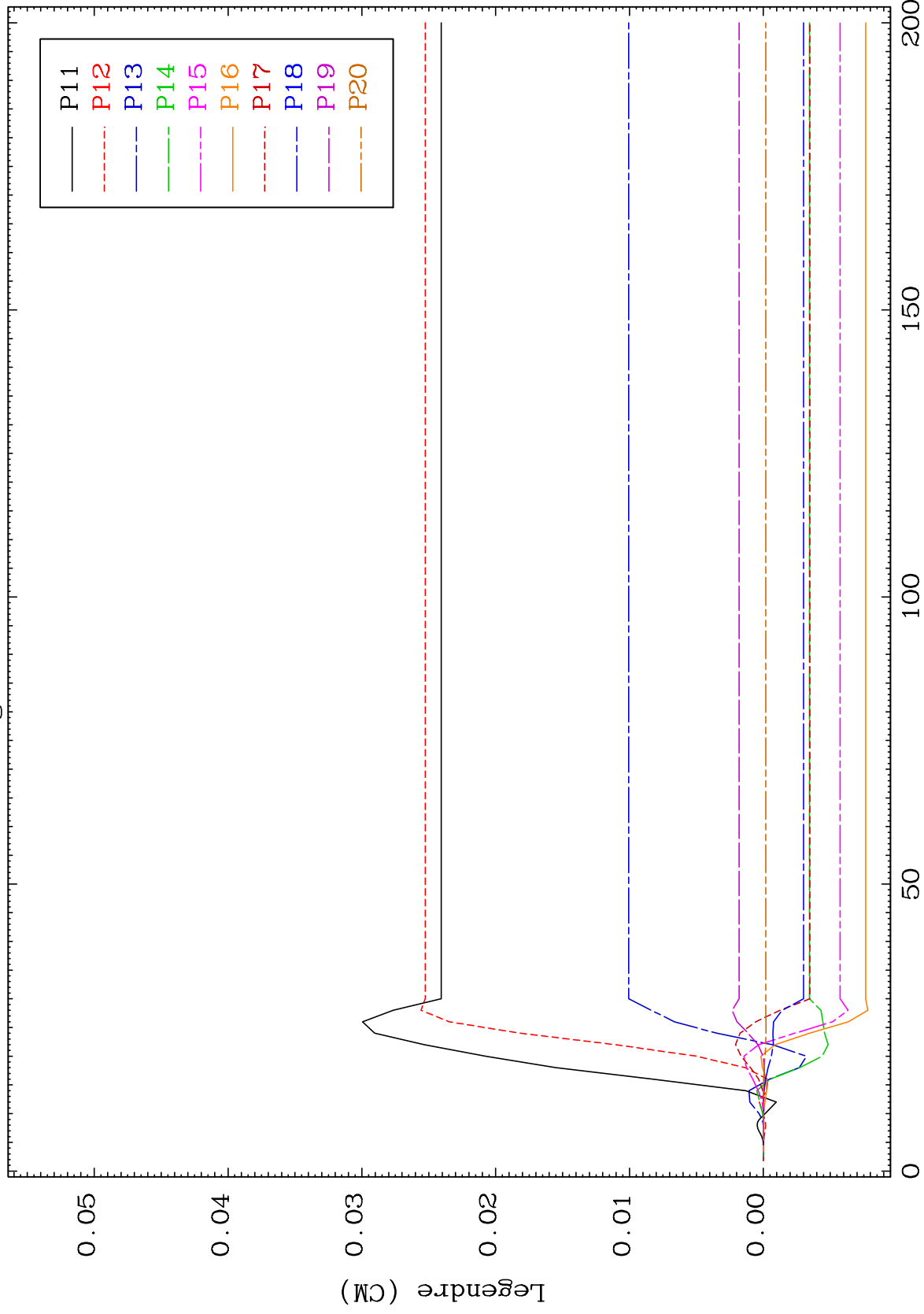
33

79-Au-200

MAT 7934

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

79-Au-200



34

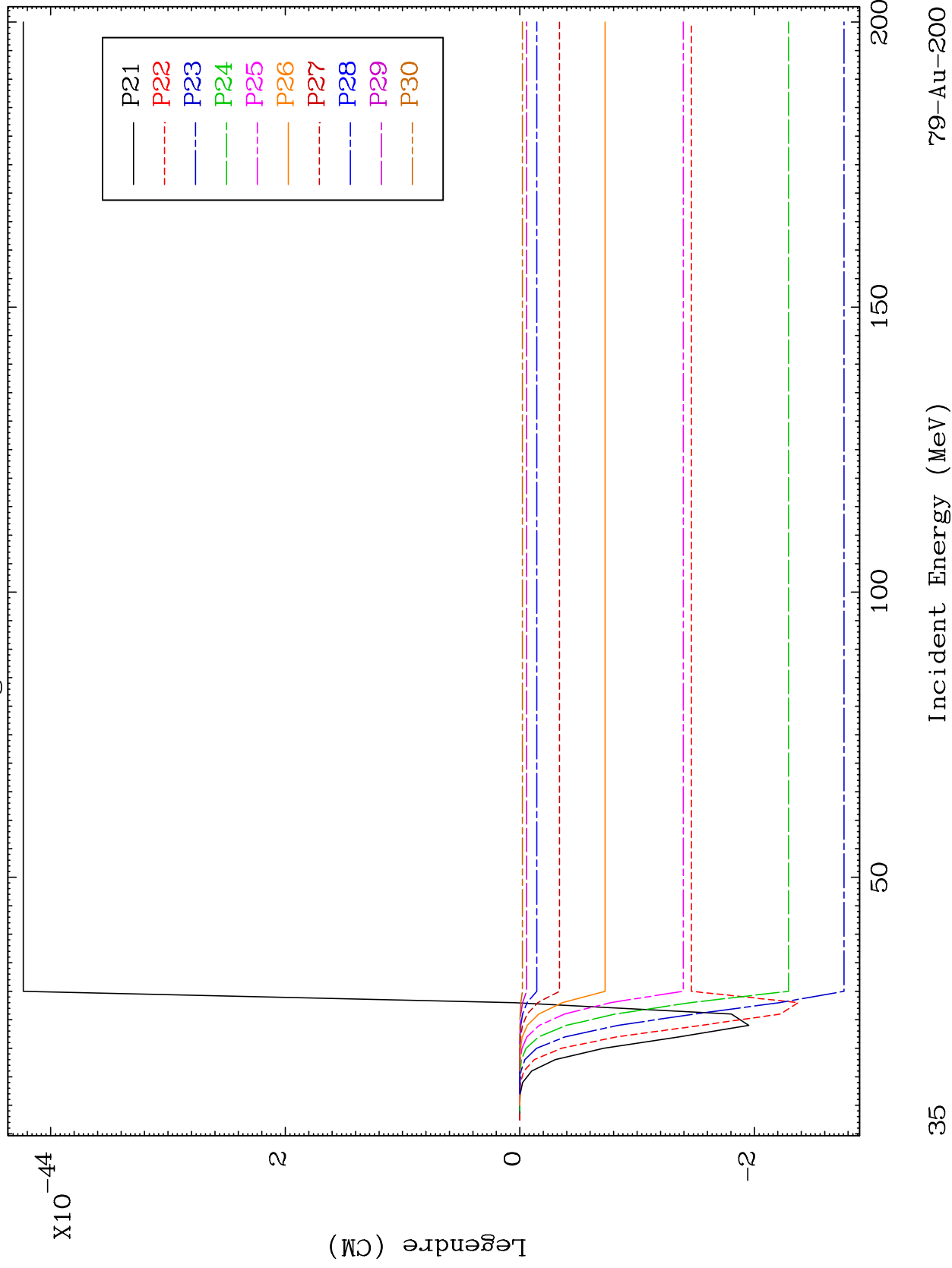
Incident Energy (MeV)

79-Au-200

MAT 7934

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

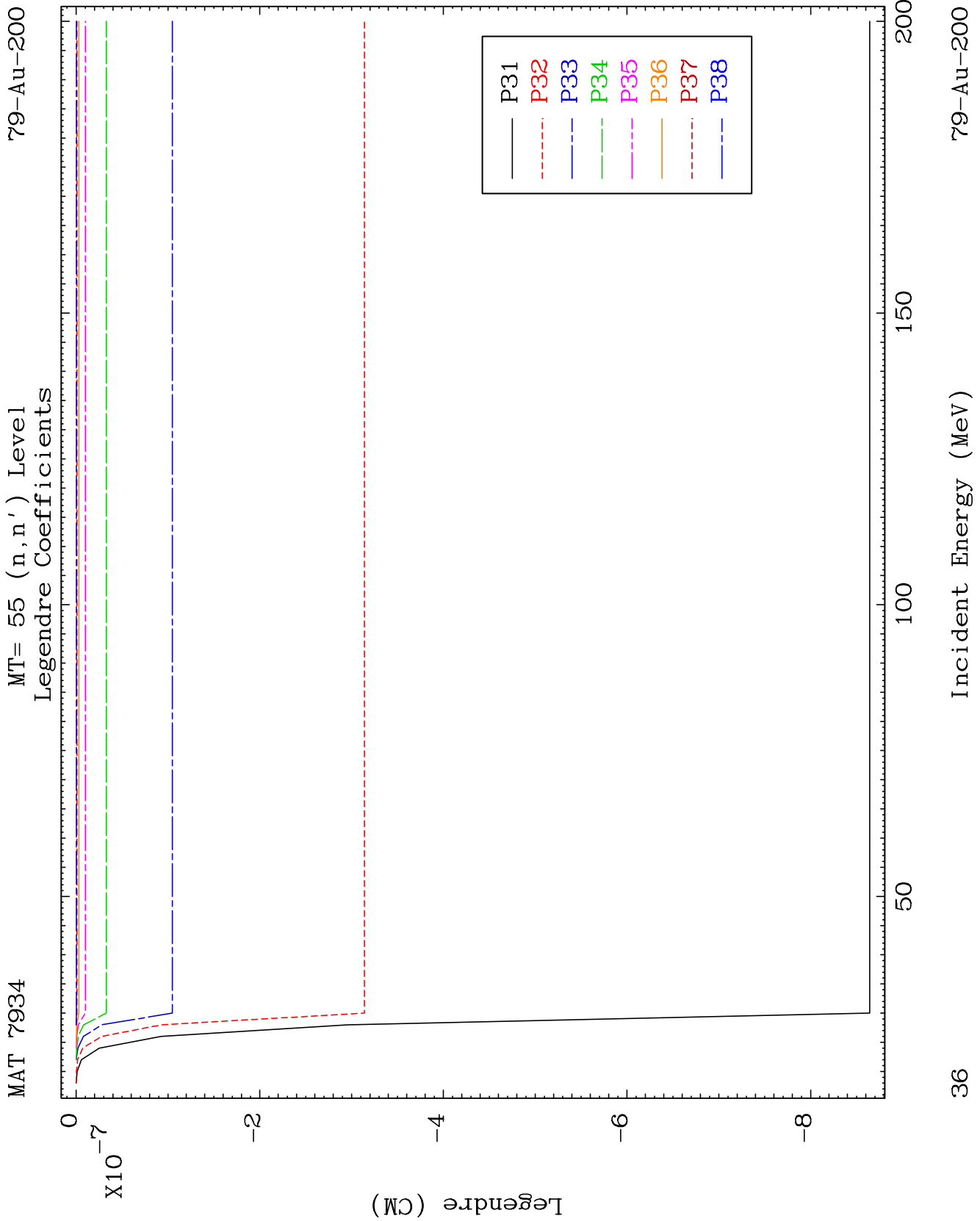
79-Au-200



35

Incident Energy (MeV)

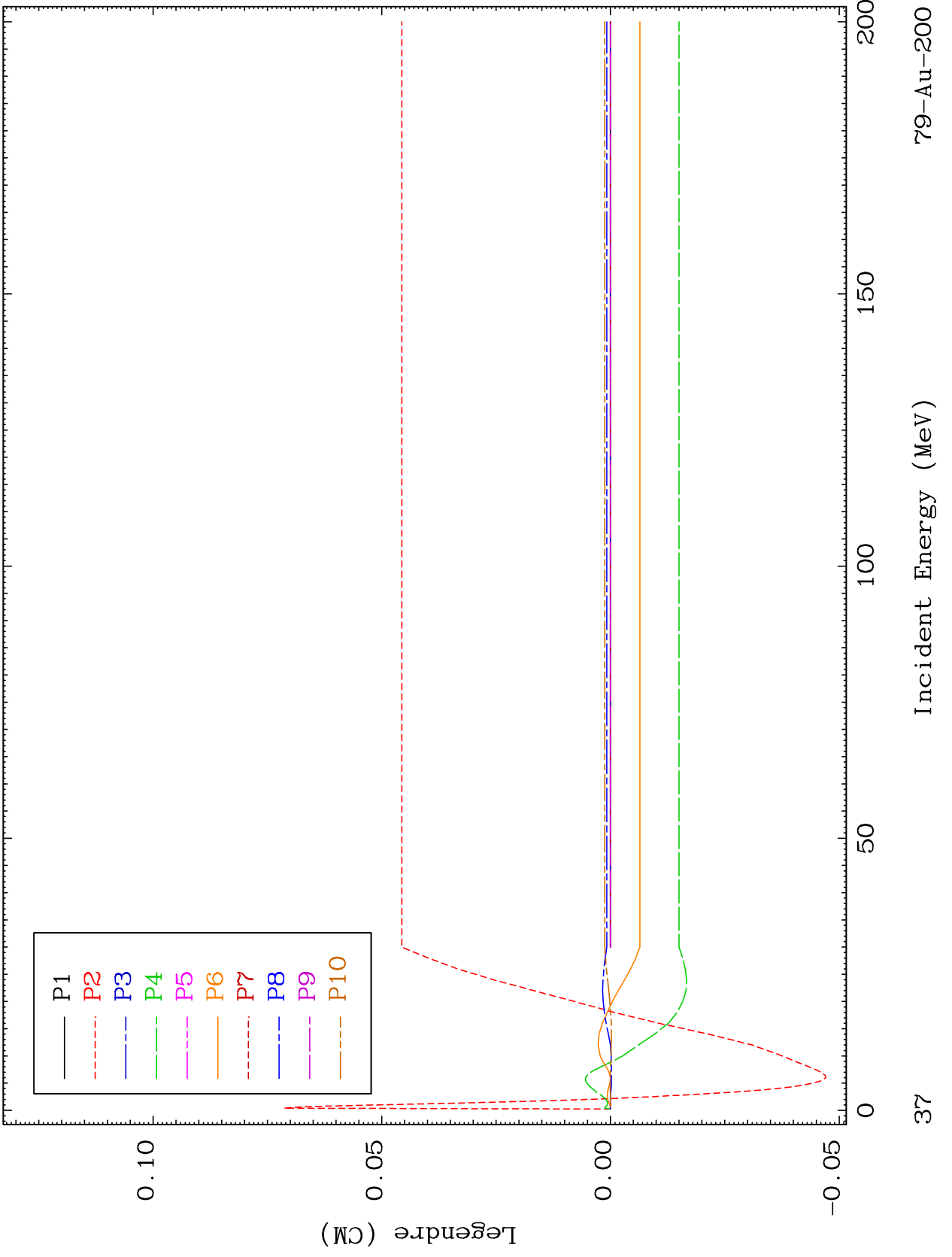
79-Au-200



MAT 7934

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

79-Au-200



37

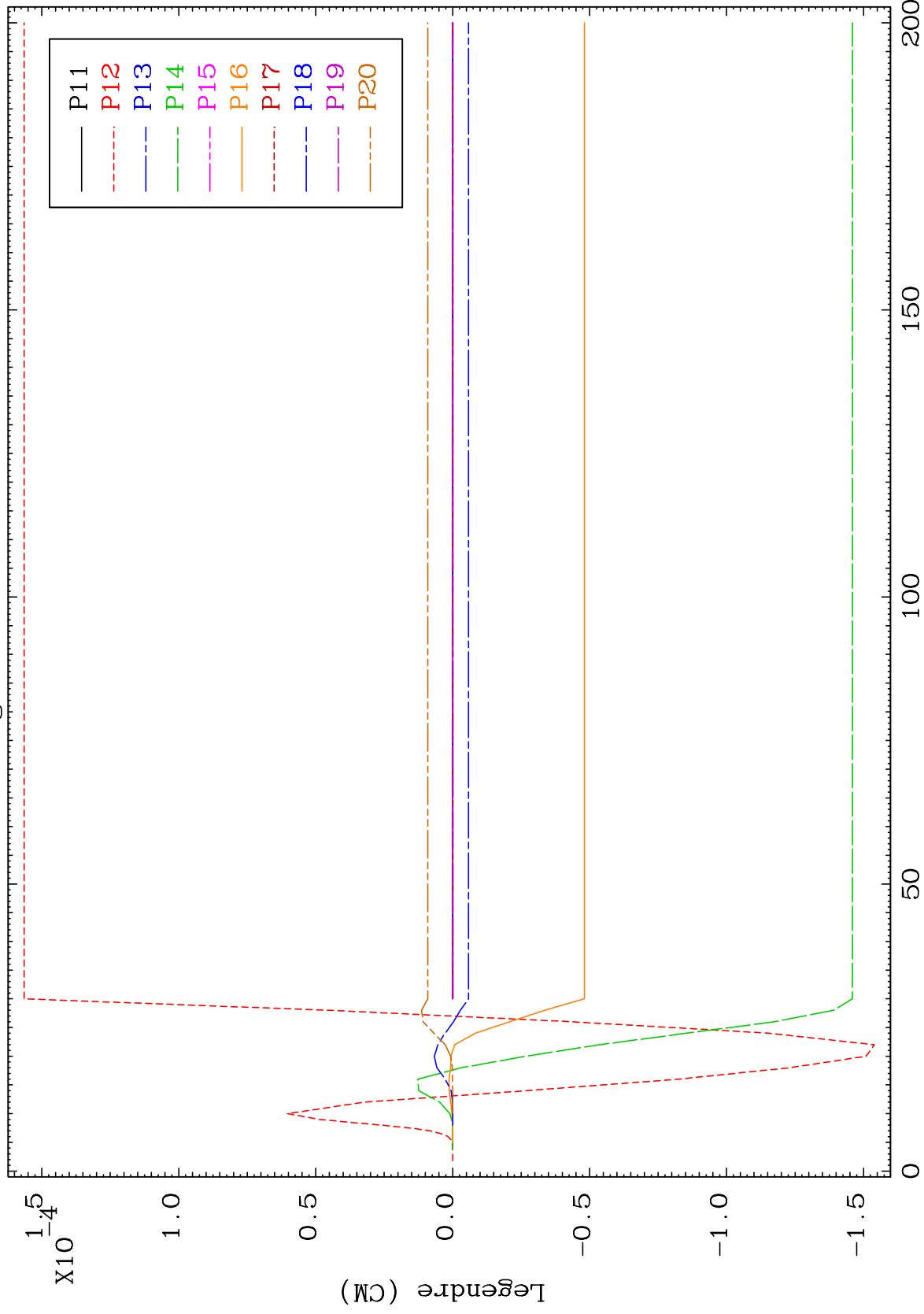
Incident Energy (MeV)

79-Au-200

MAT 7934

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

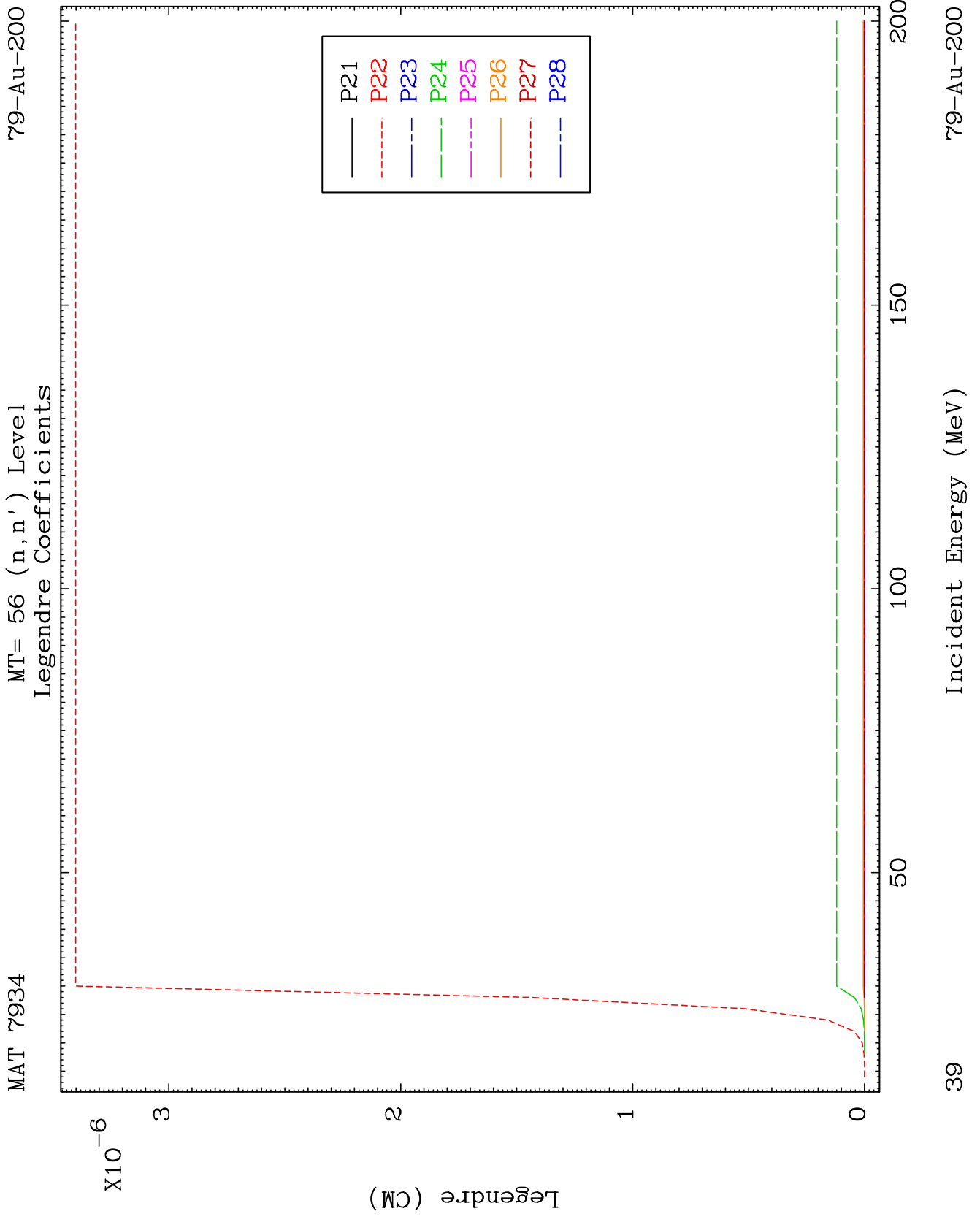
79-Au-200



38

Incident Energy (MeV)

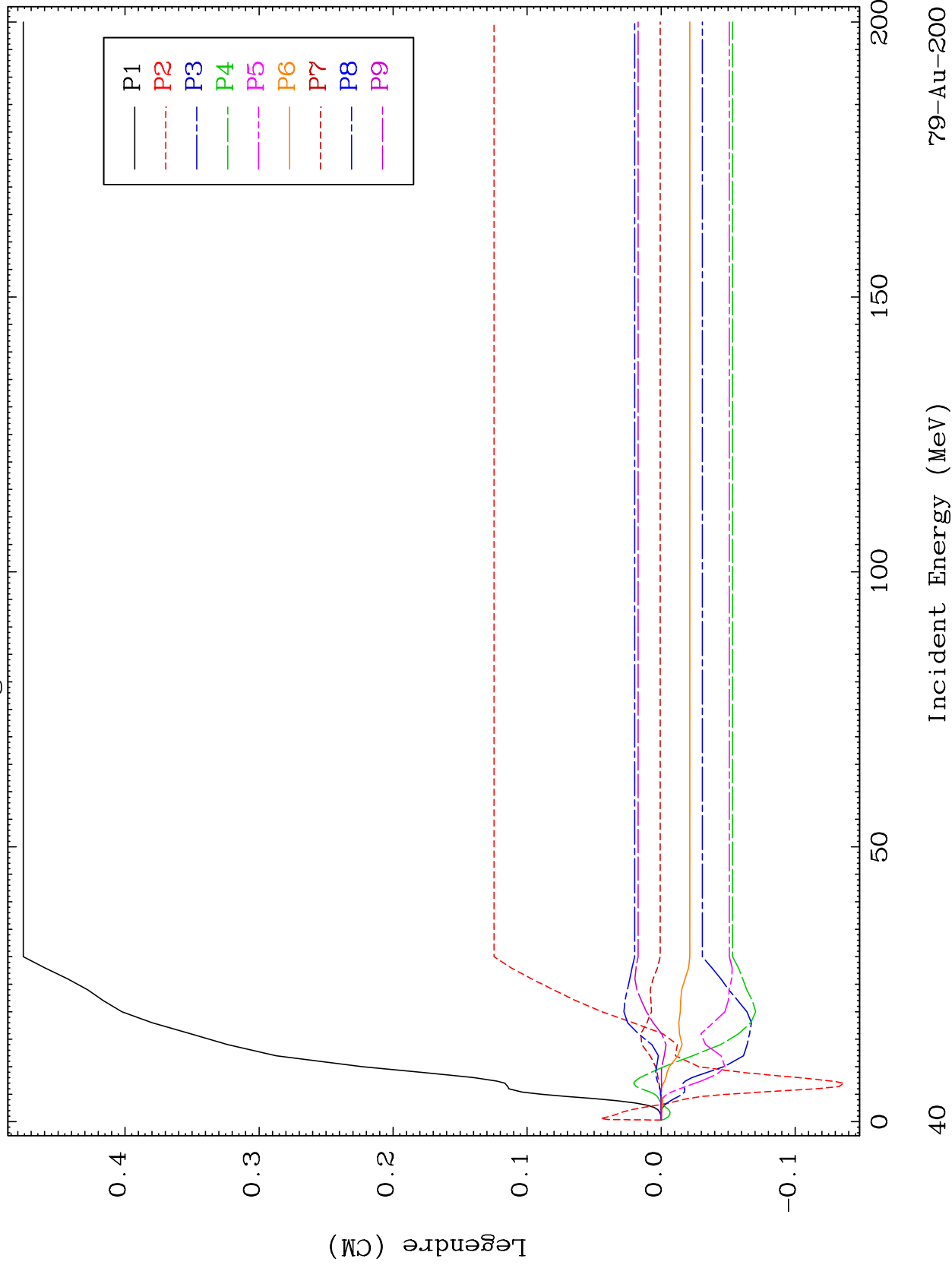
79-Au-200



MAT 7934

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

79-Au-200



79-Au-200

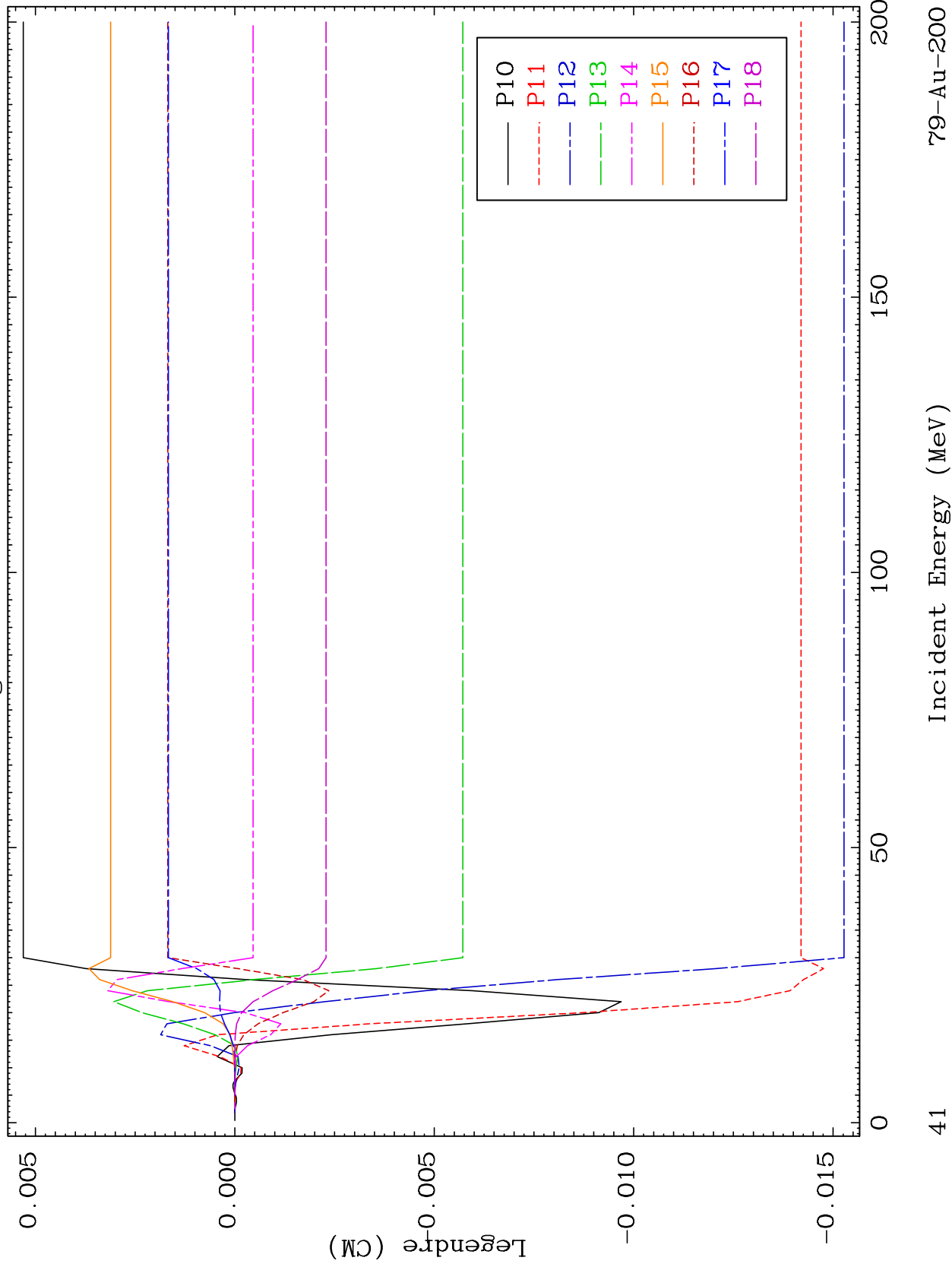
Incident Energy (MeV)

40

MAT 7934

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

79-Au-200



41

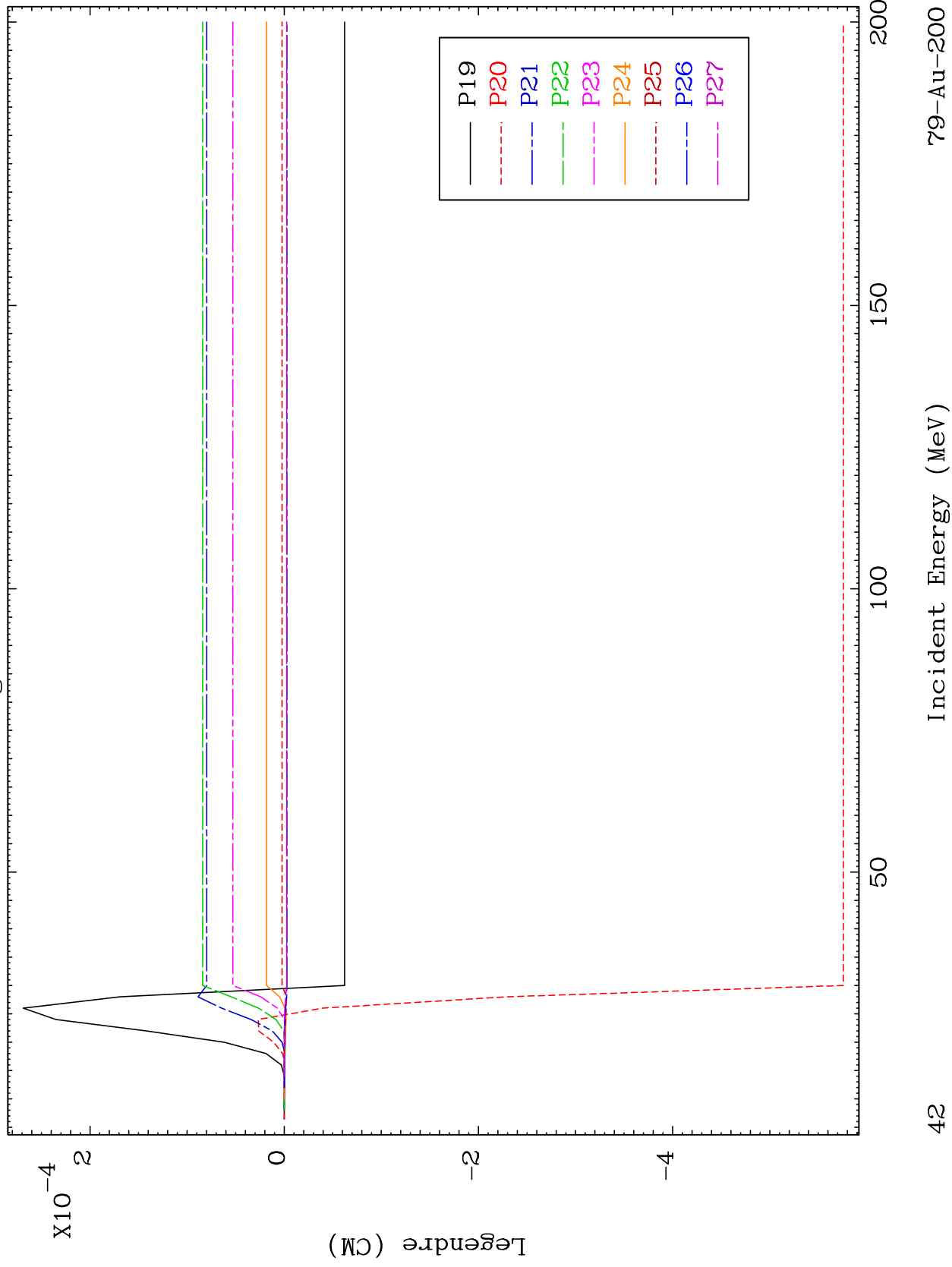
Incident Energy (MeV)

79-Au-200

MAT 7934

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

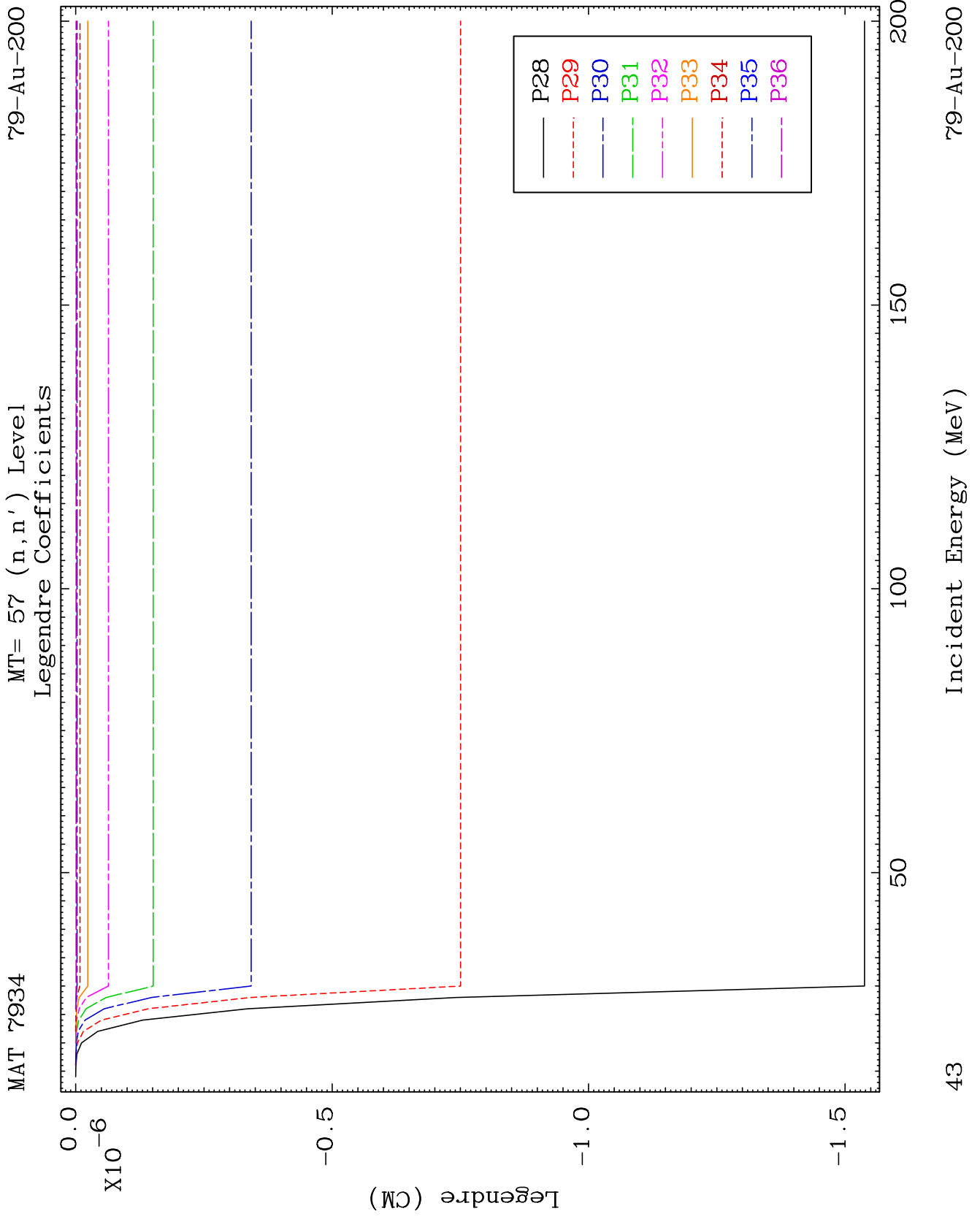
79-Au-200

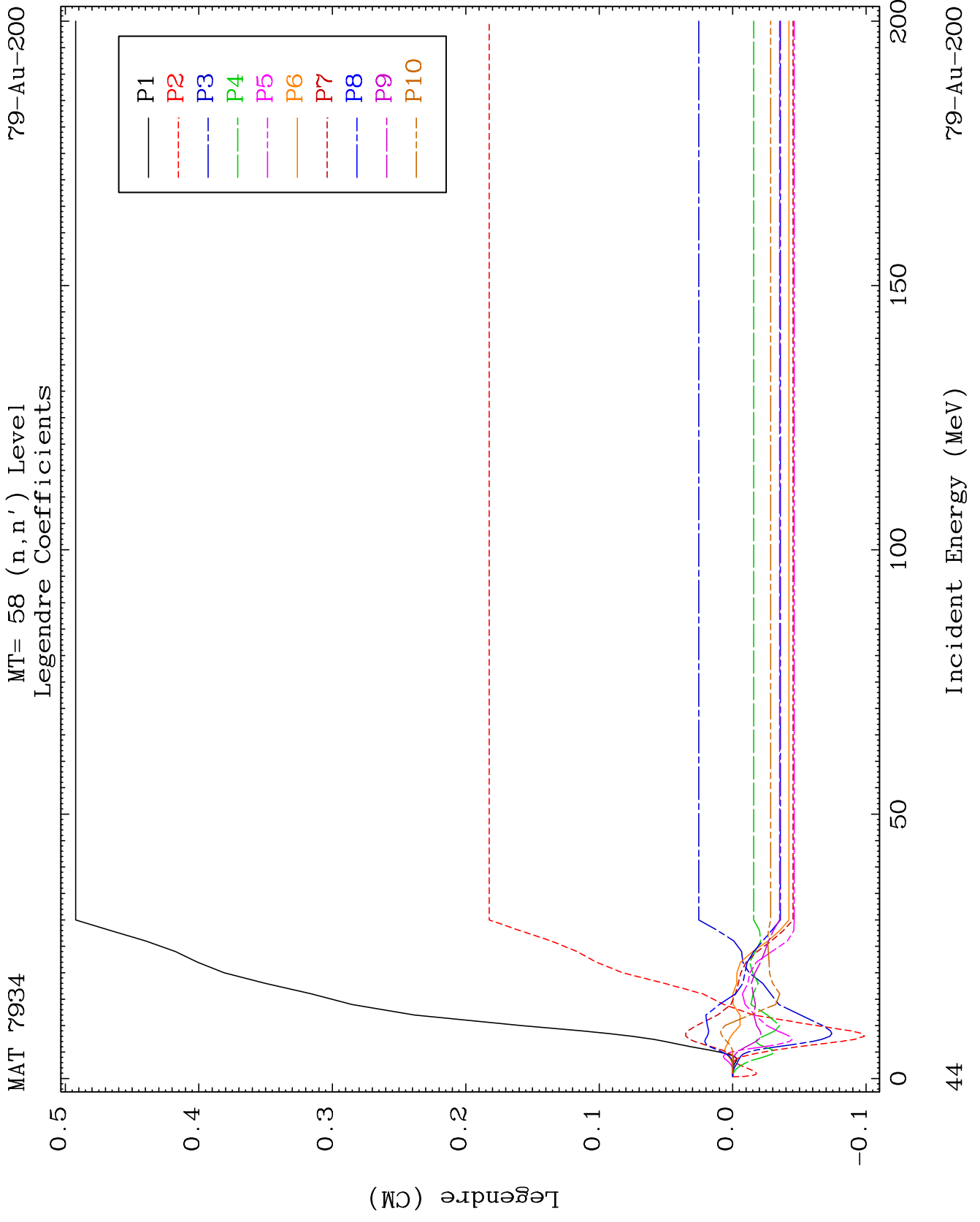


42

Incident Energy (MeV)

79-Au-200

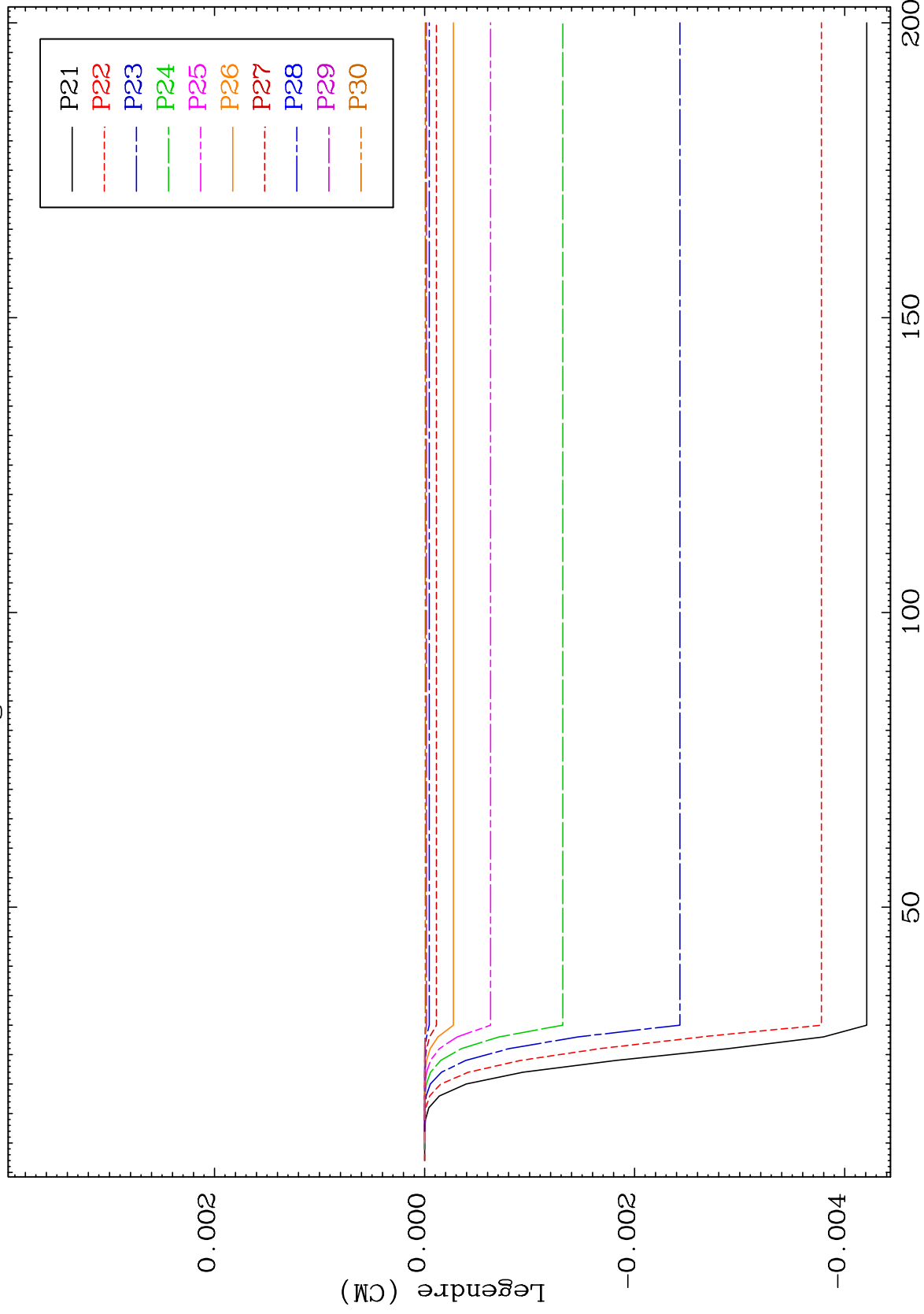




MAT 7934

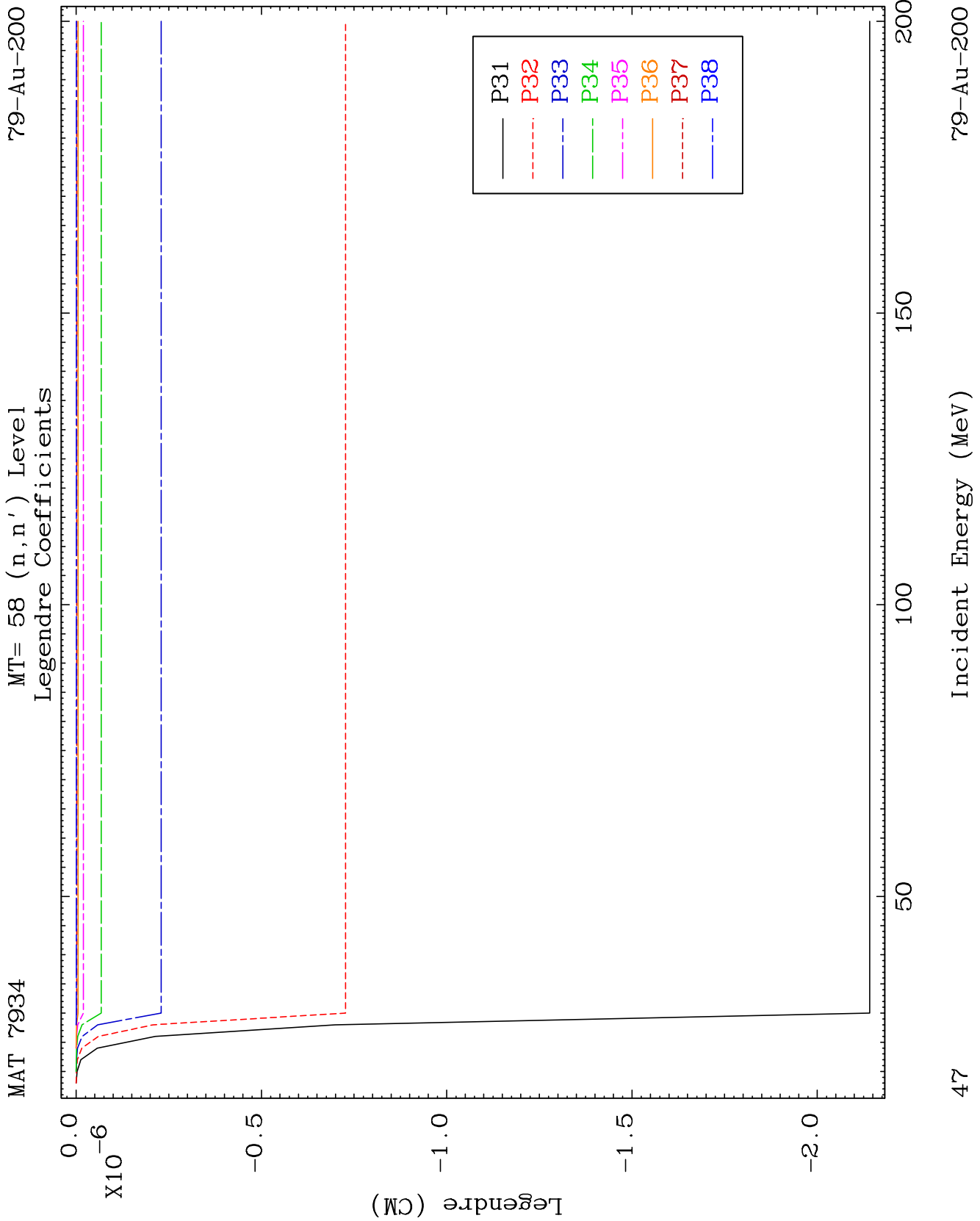
MT= 58 (n,n') Level
Legendre Coefficients

79-Au-200



46

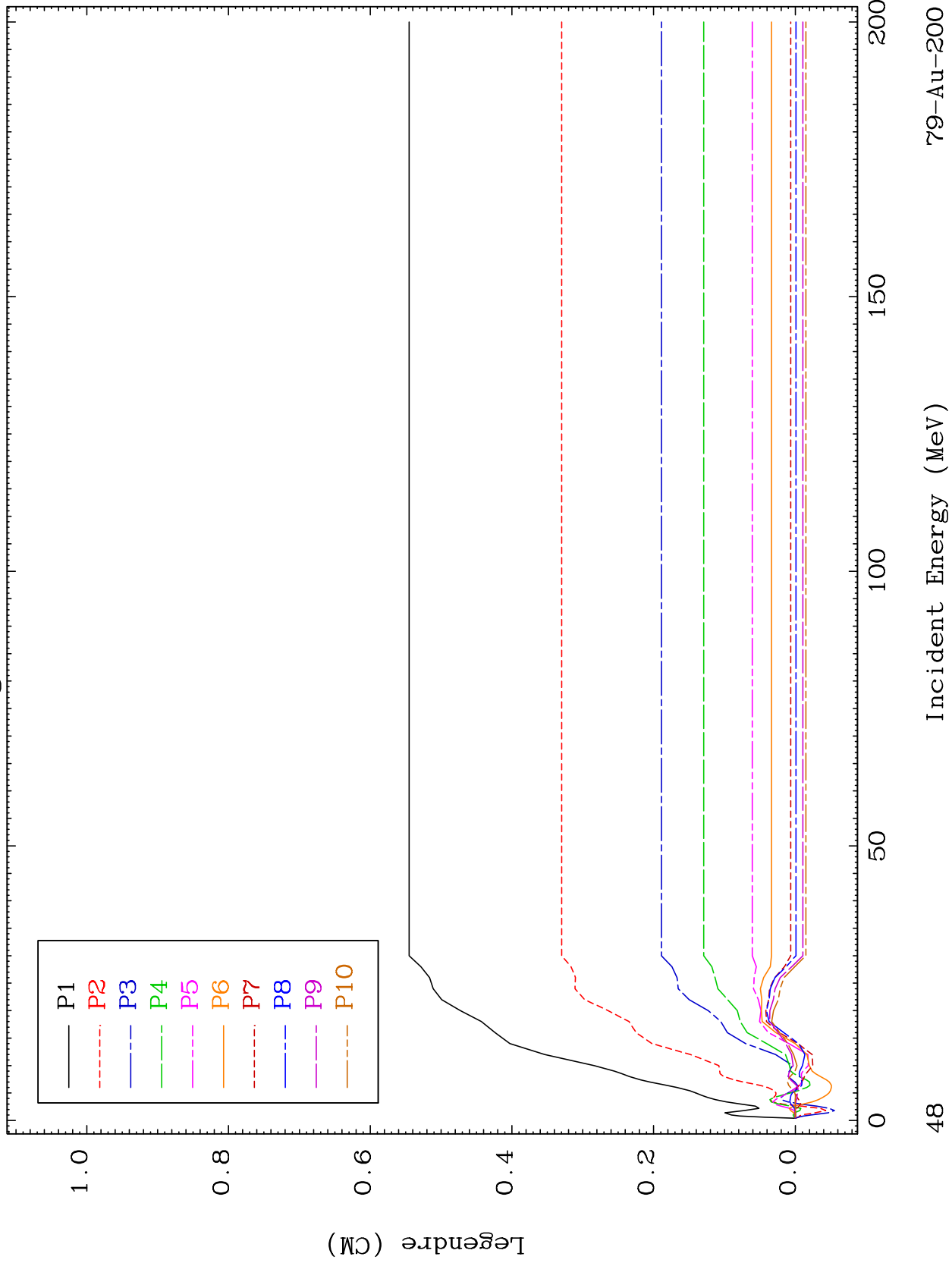
79-Au-200



MAT 7934

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

79-Au-200



79-Au-200

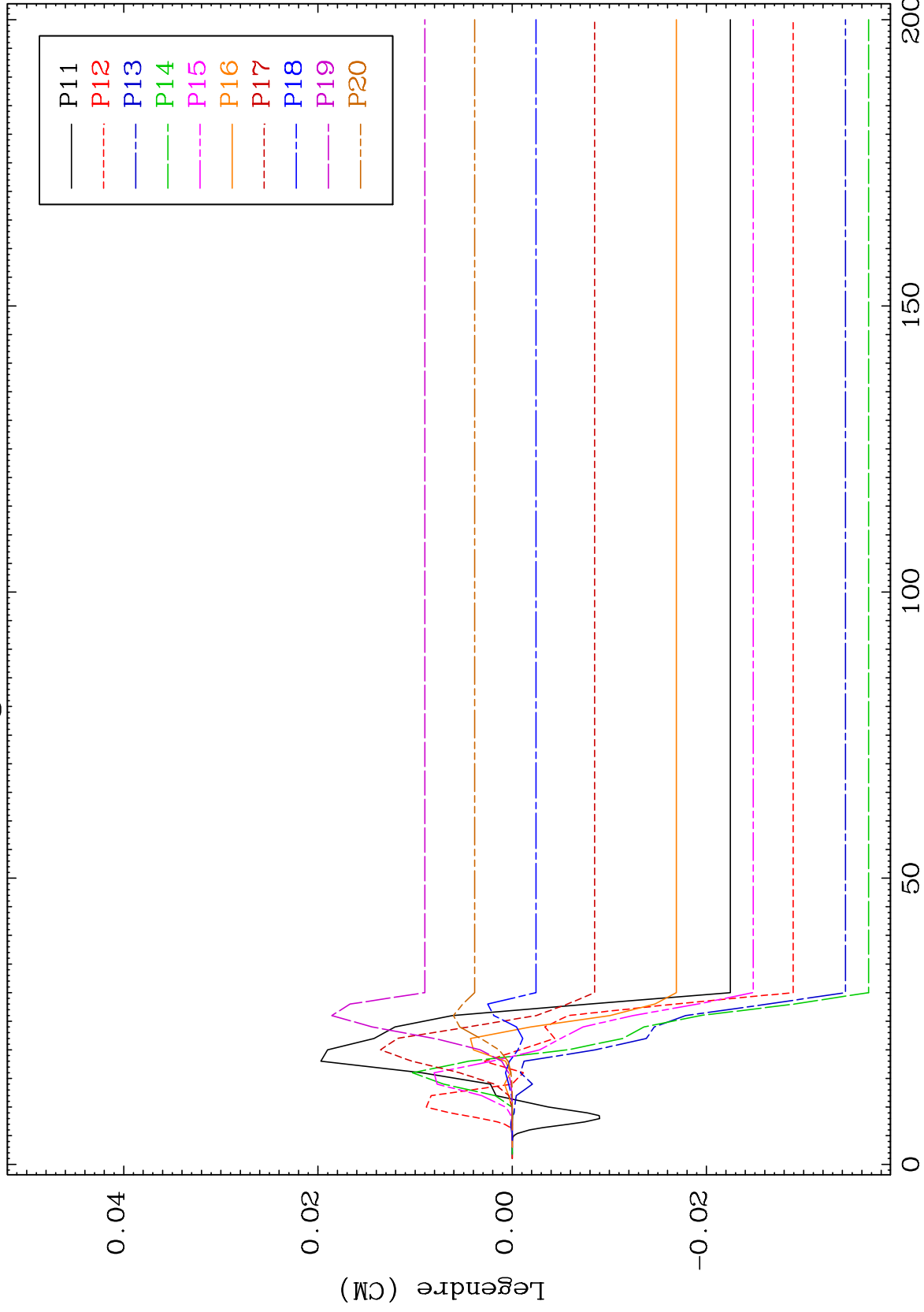
Incident Energy (MeV)

48

MAT 7934

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

79-Au-200



49

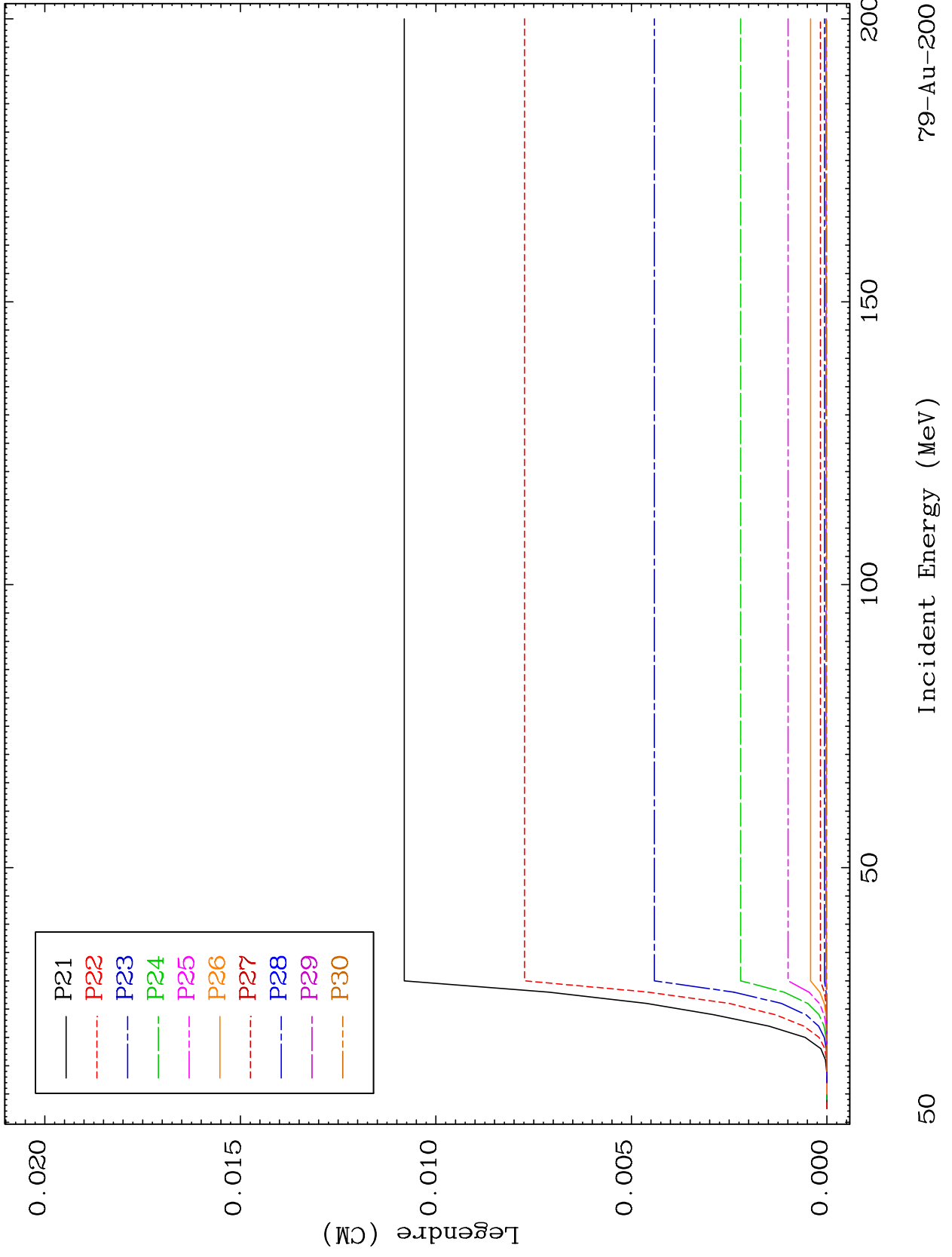
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



50

Incident Energy (MeV)

50

100

150

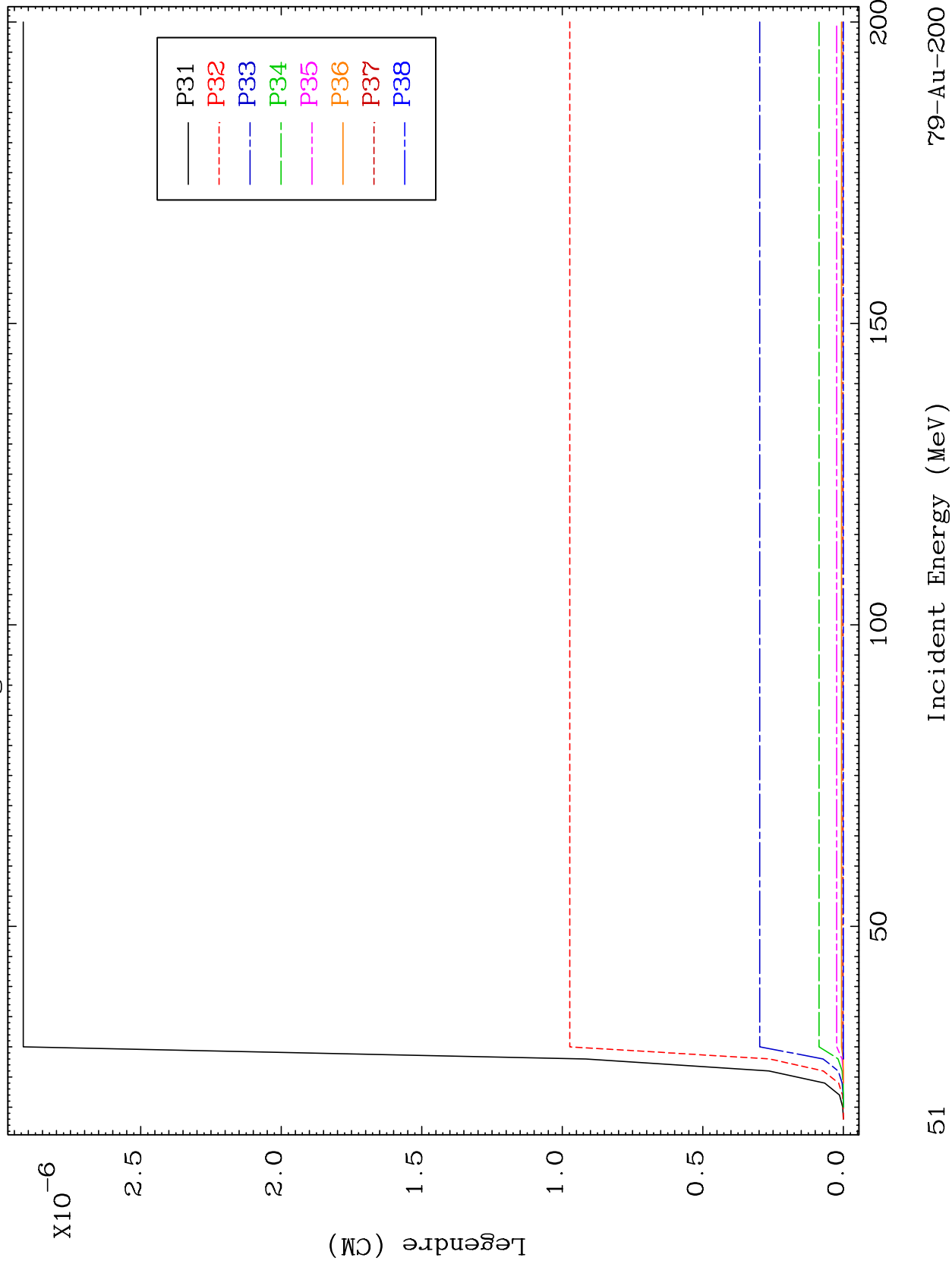
200

79-Au-200

MAT 7934

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

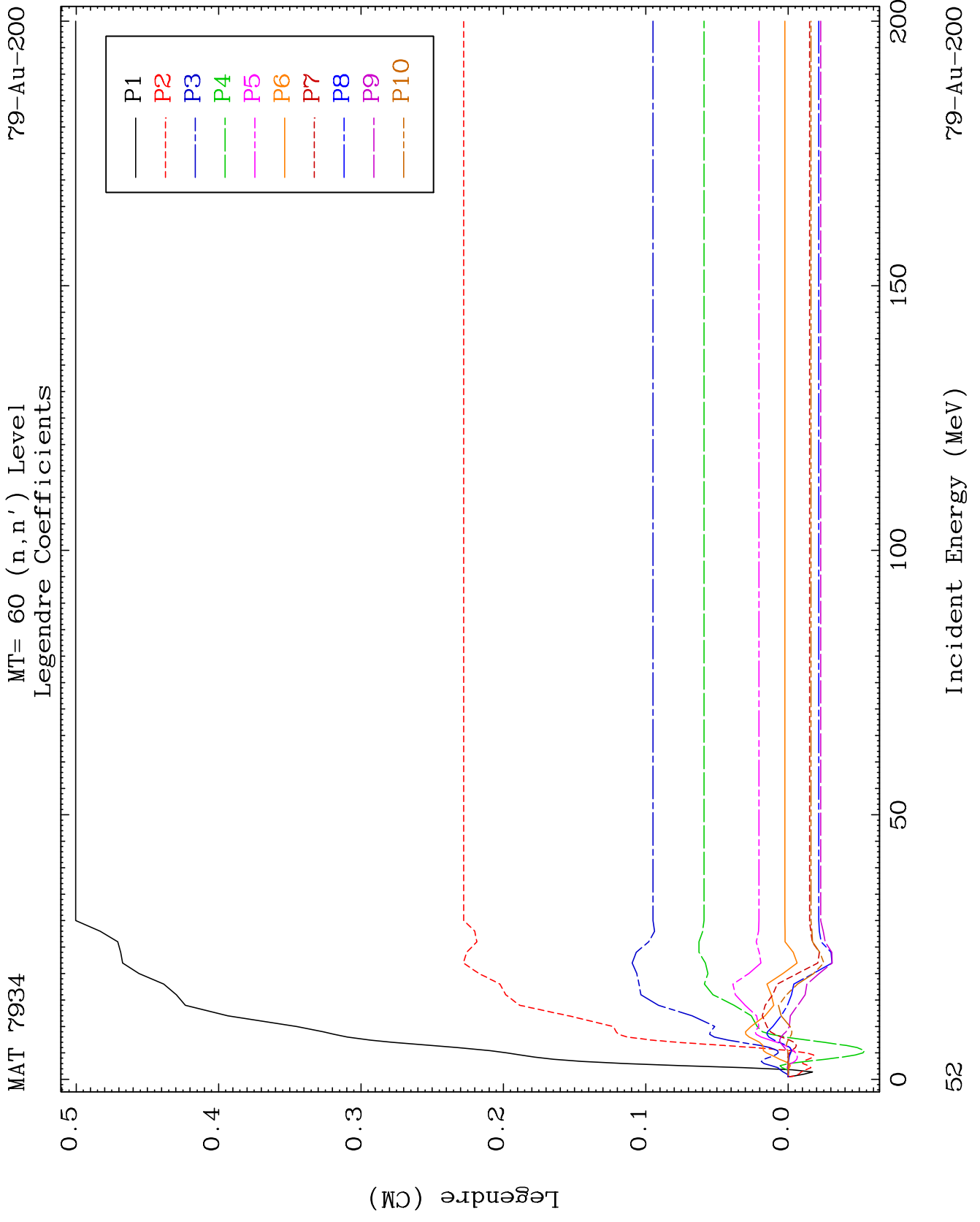
79-Au-200



51

Incident Energy (MeV)

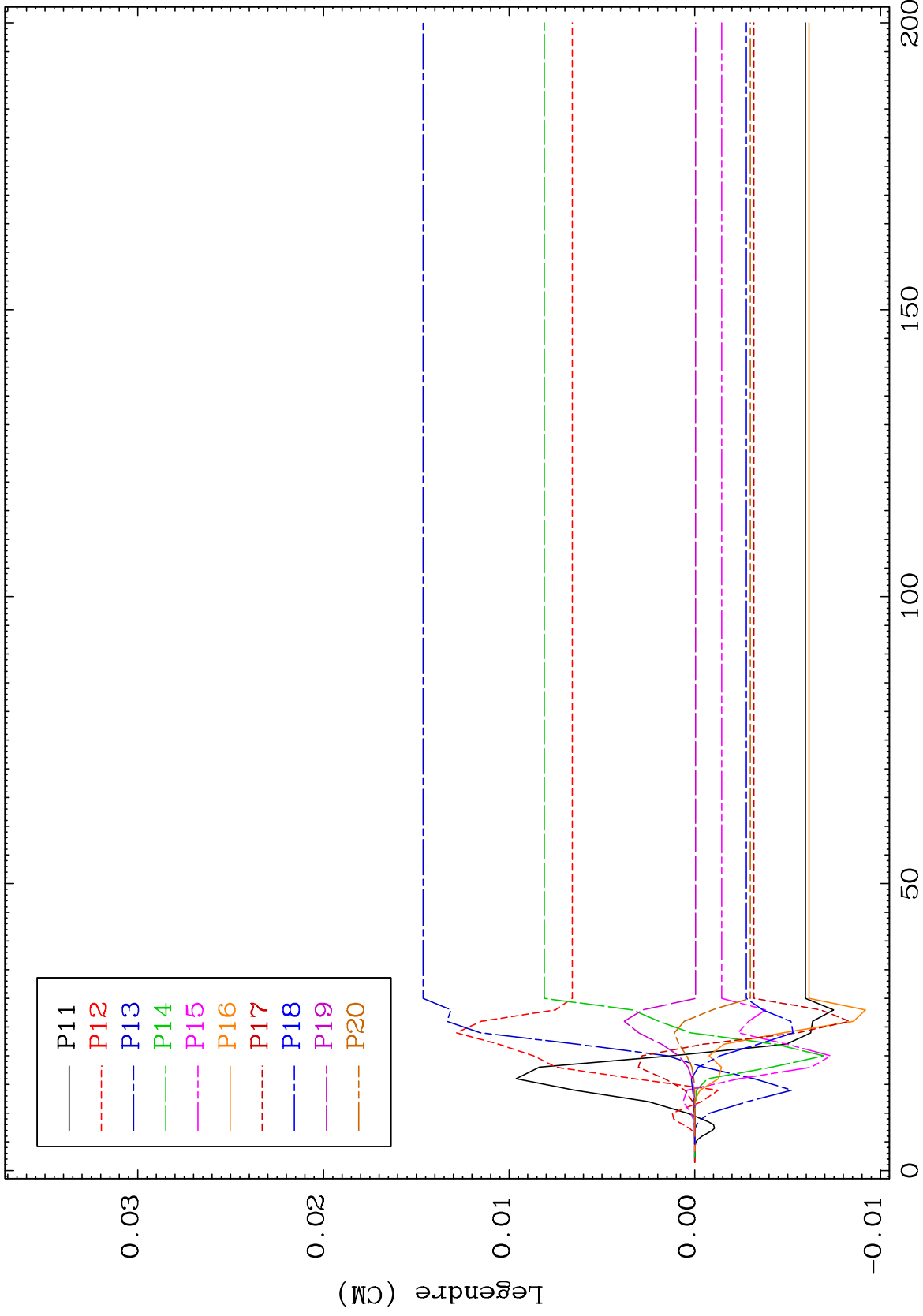
79-Au-200



MAT 7934

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

79-Au-200



53

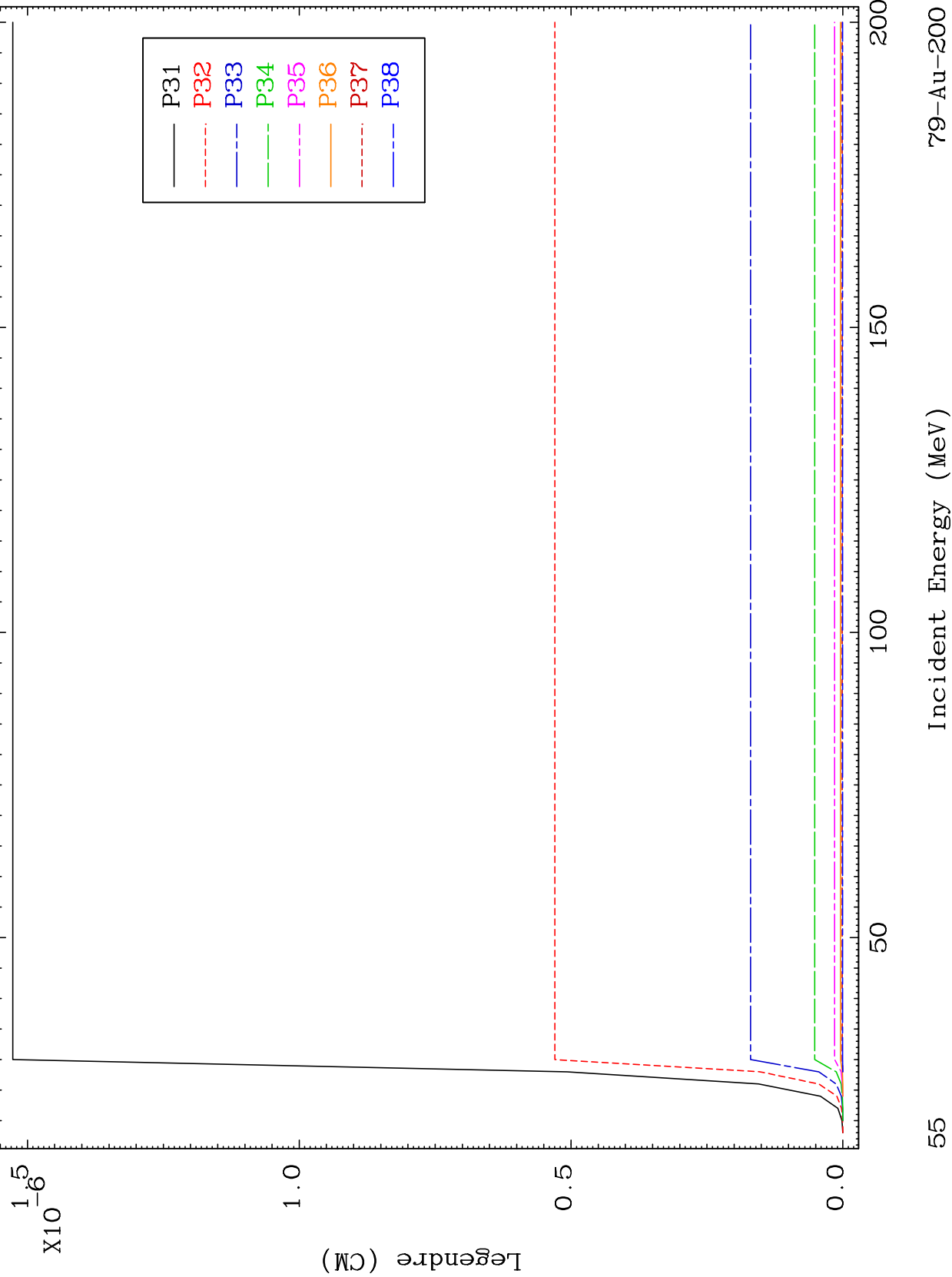
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



55

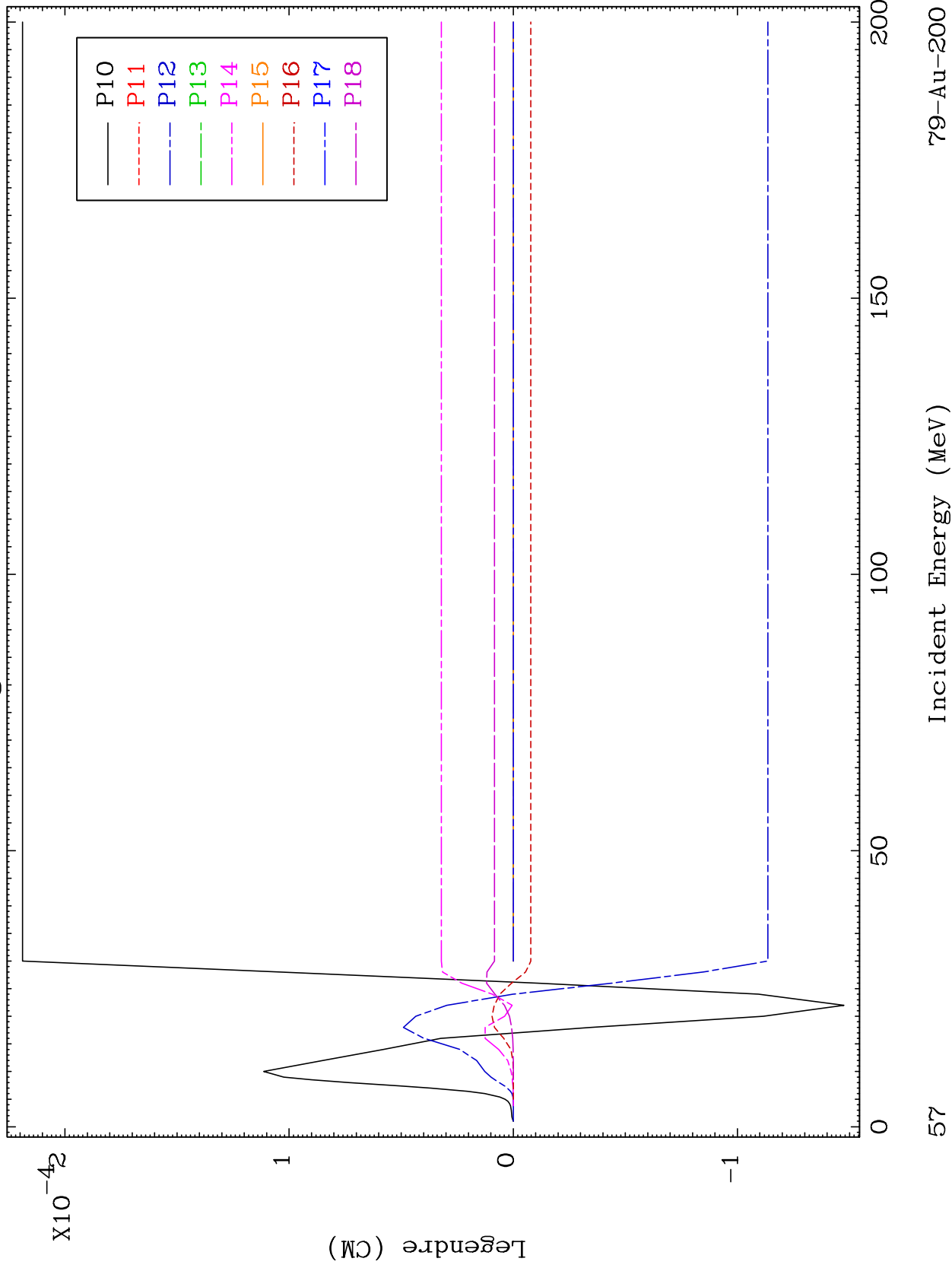
Incident Energy (MeV)

79-Au-200

MAT 7934

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

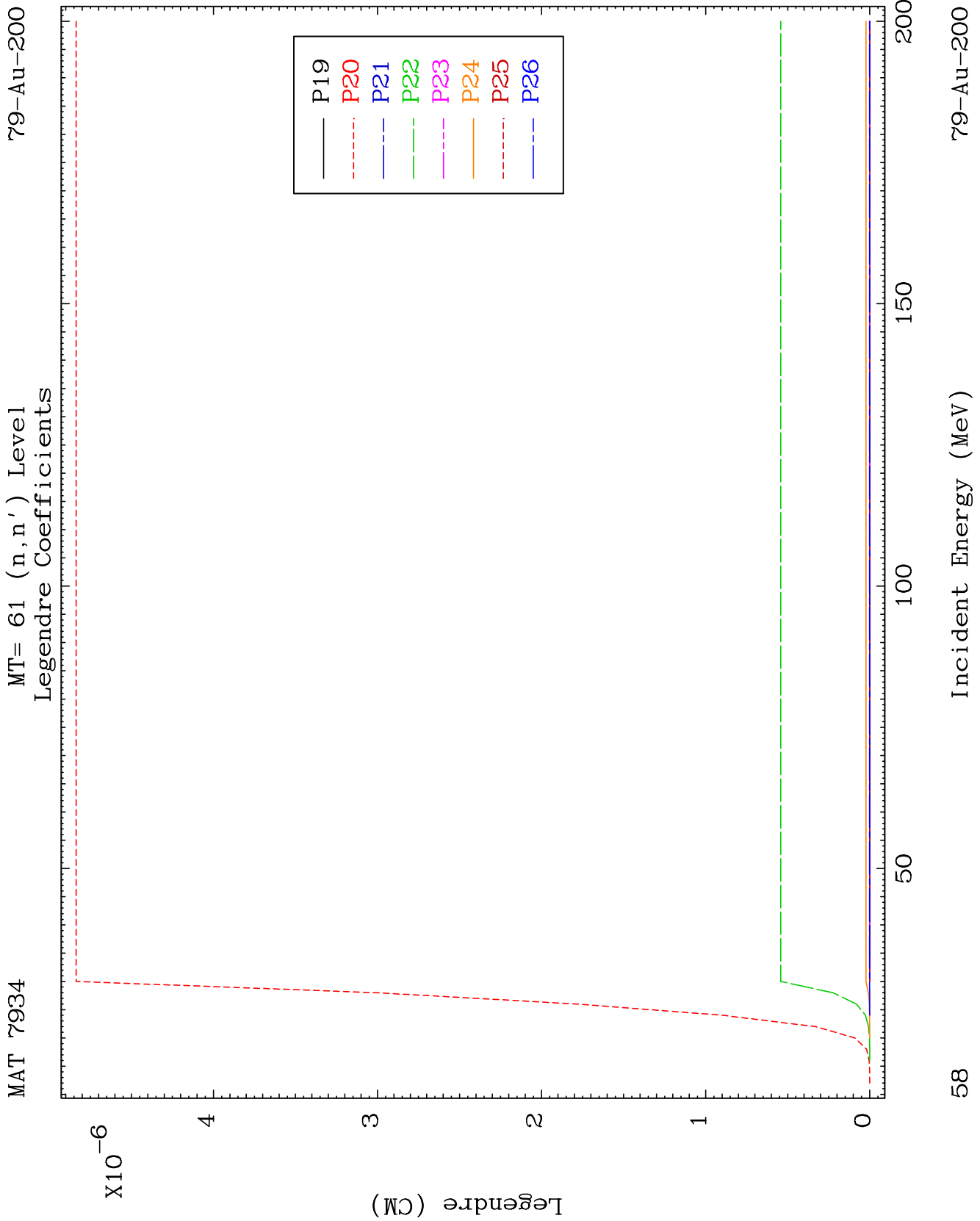
79-Au-200



57

Incident Energy (MeV)

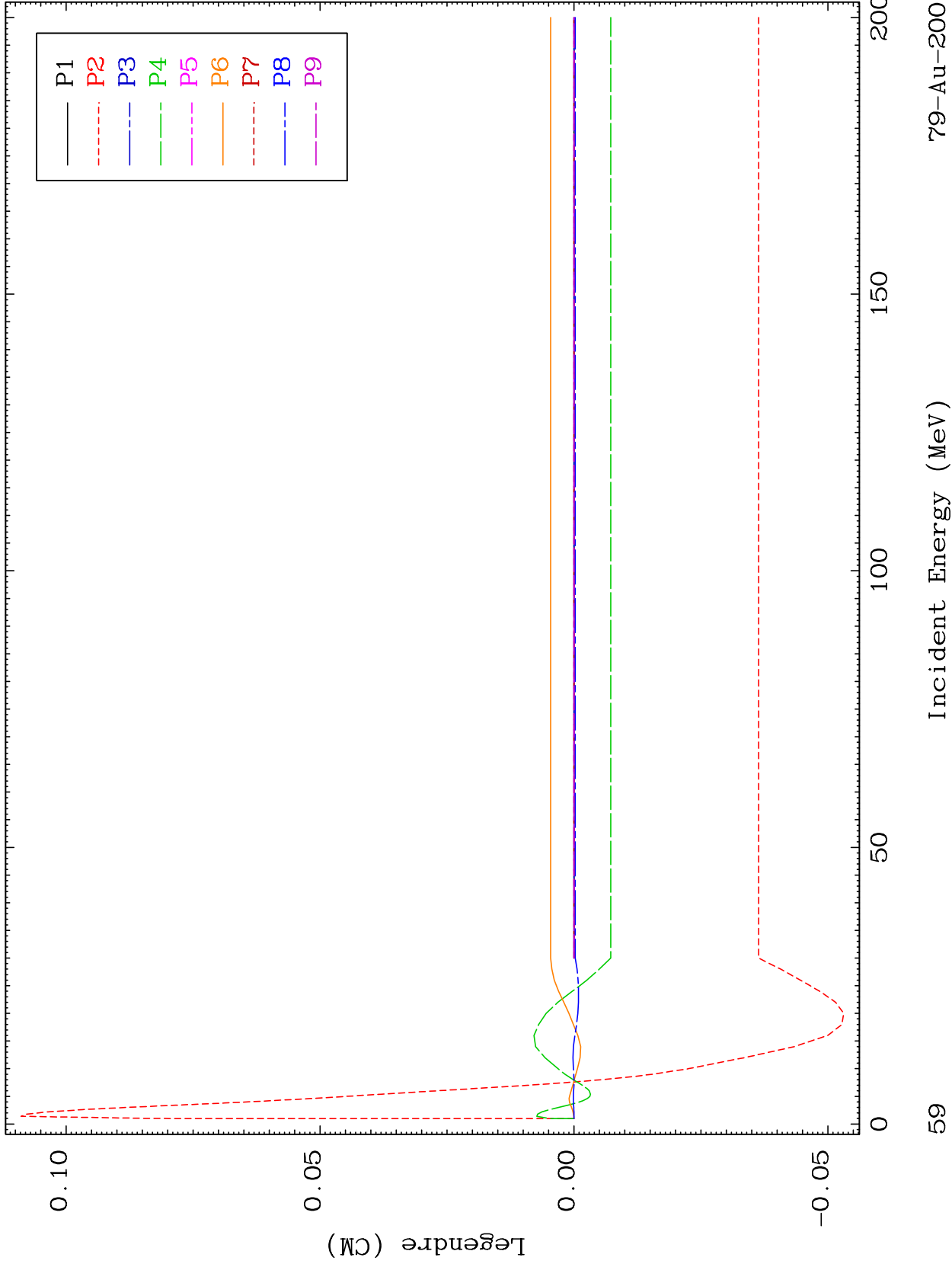
79-Au-200



MAT 7934

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

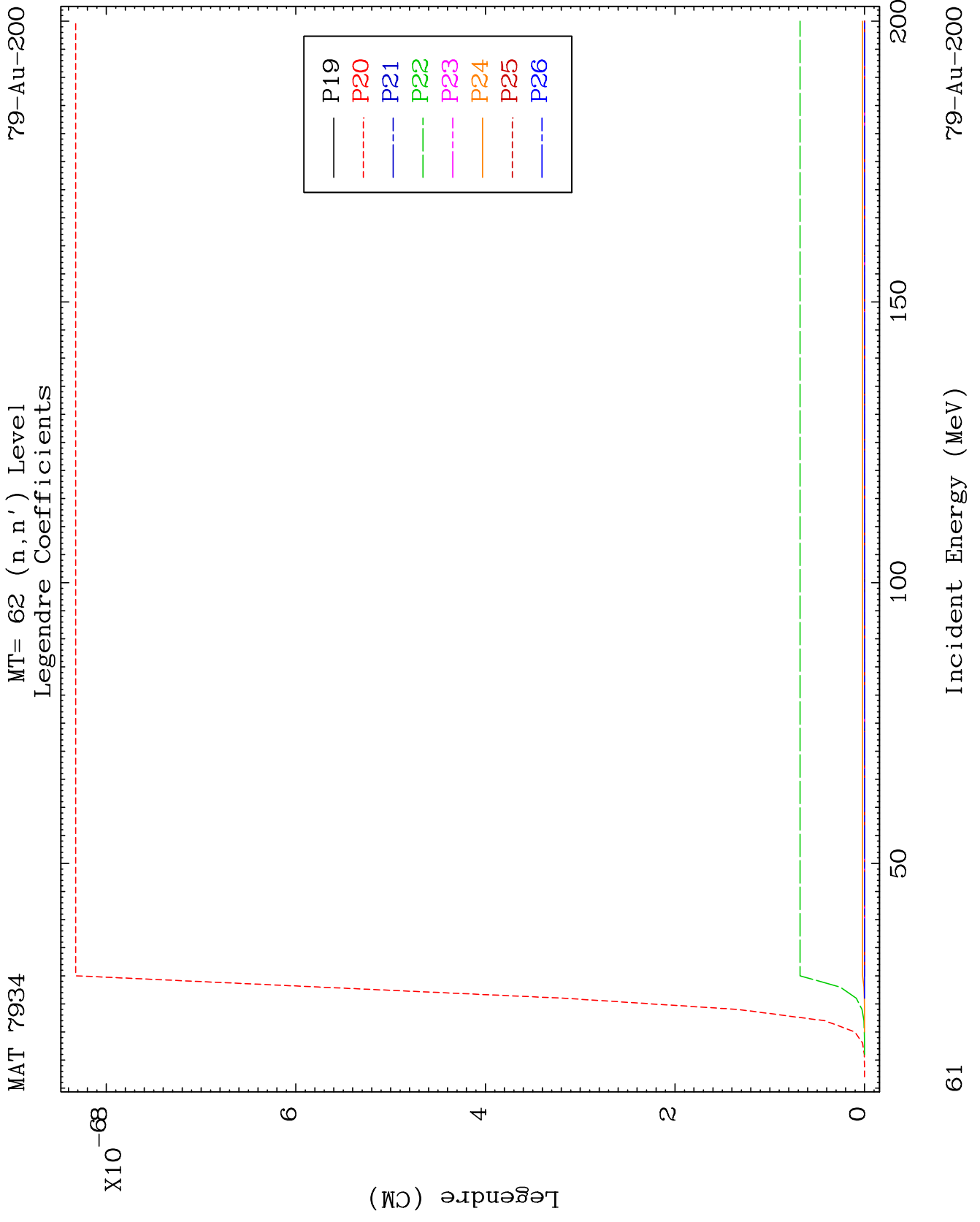
79-Au-200

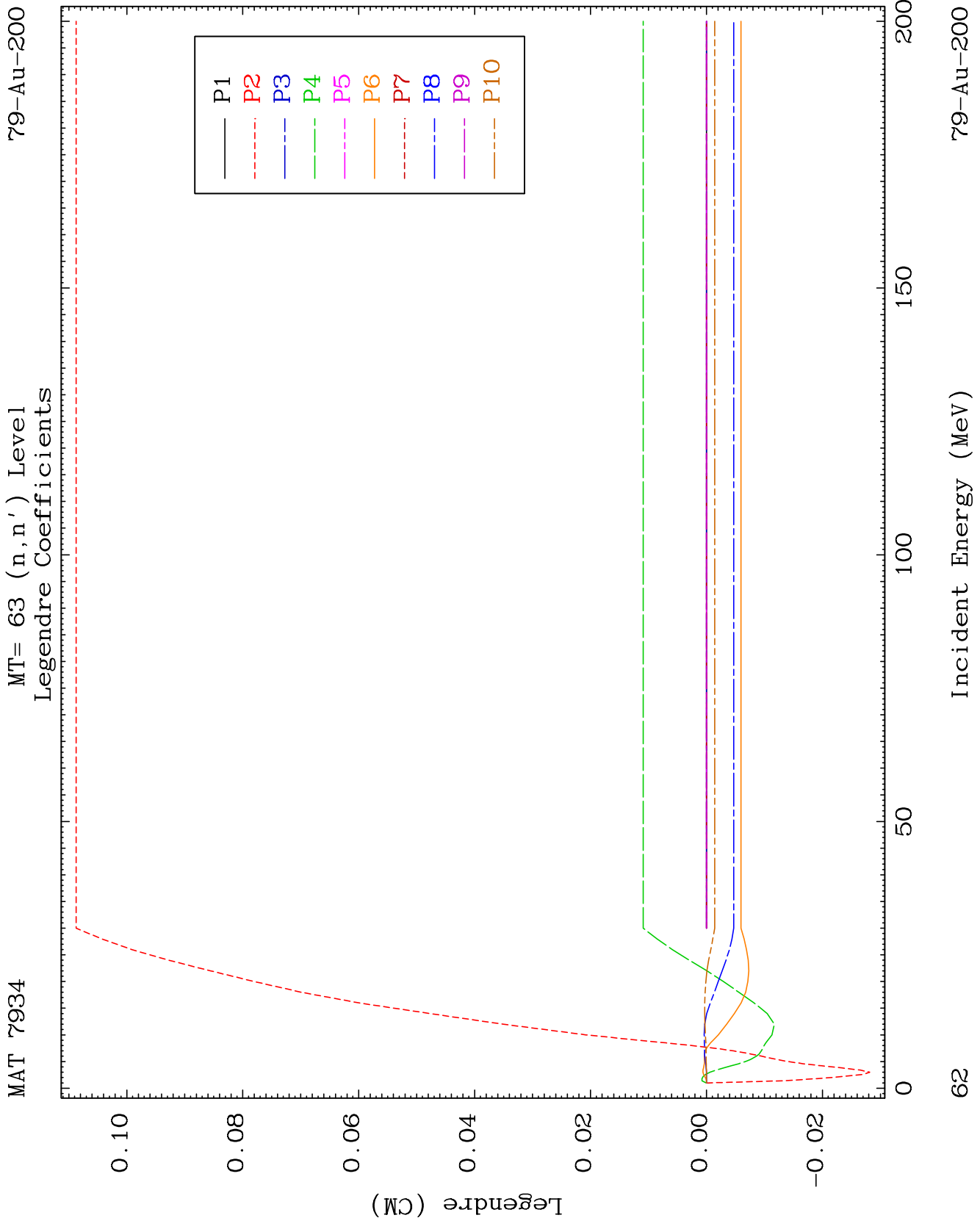


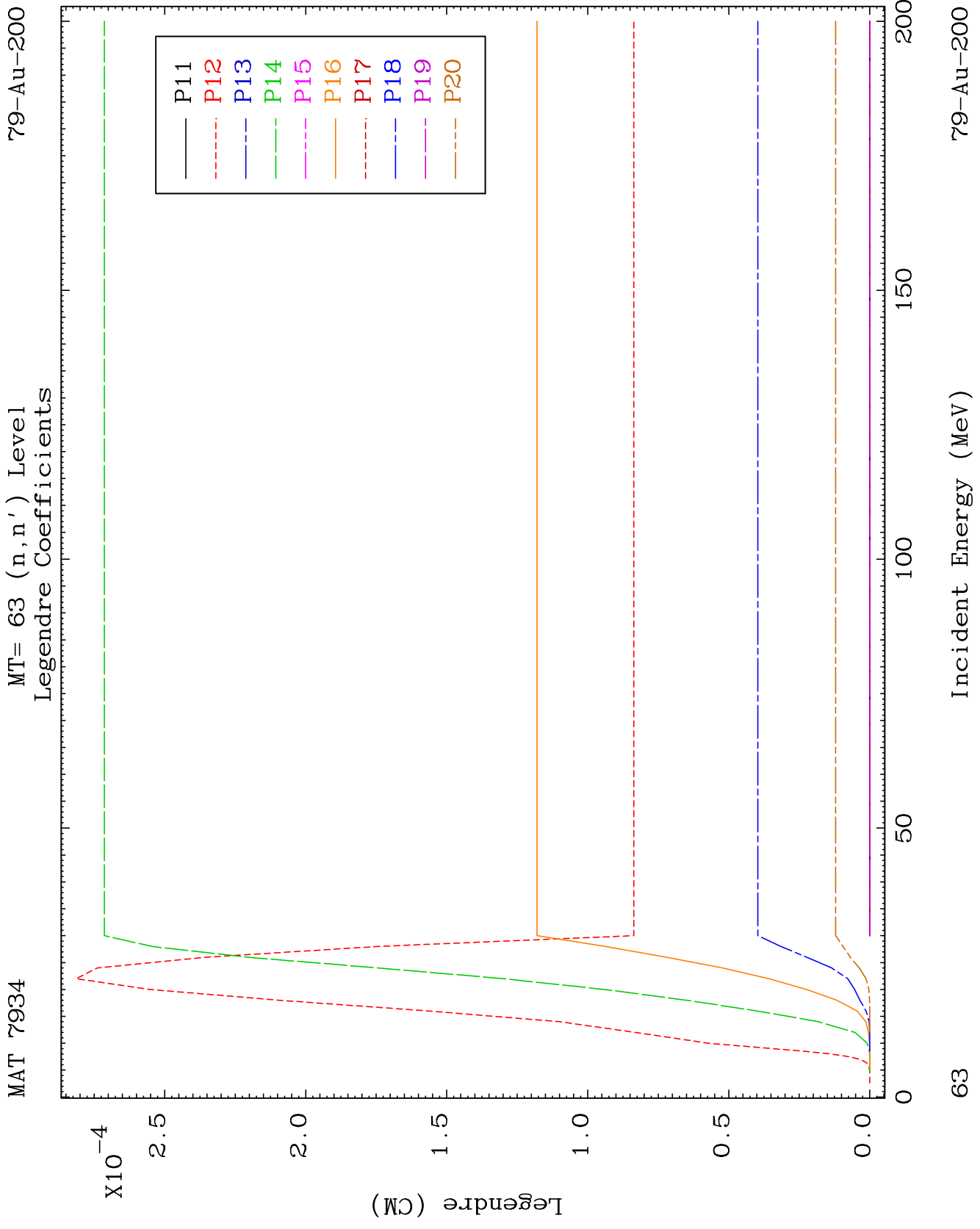
79-Au-200

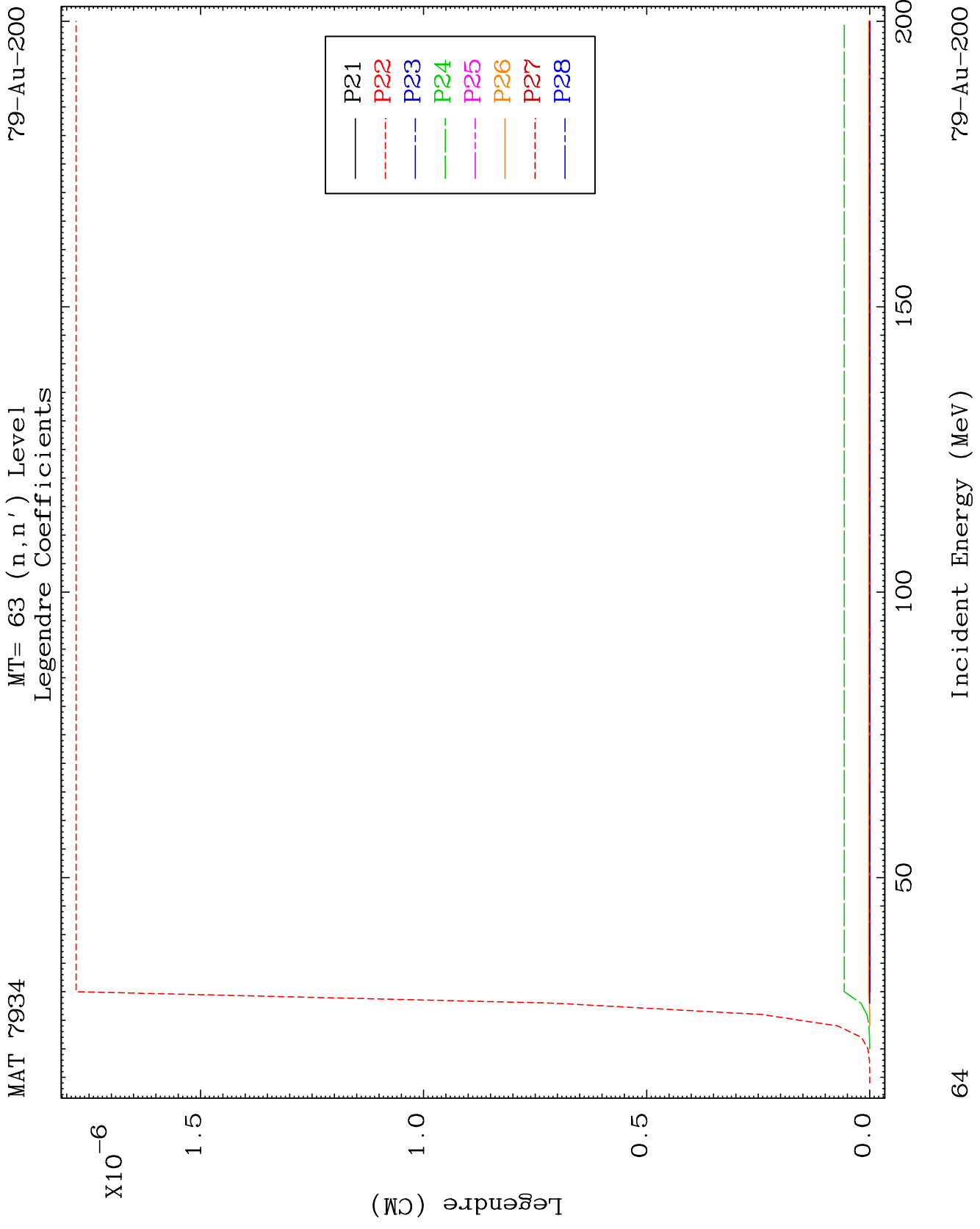
Incident Energy (MeV)

59





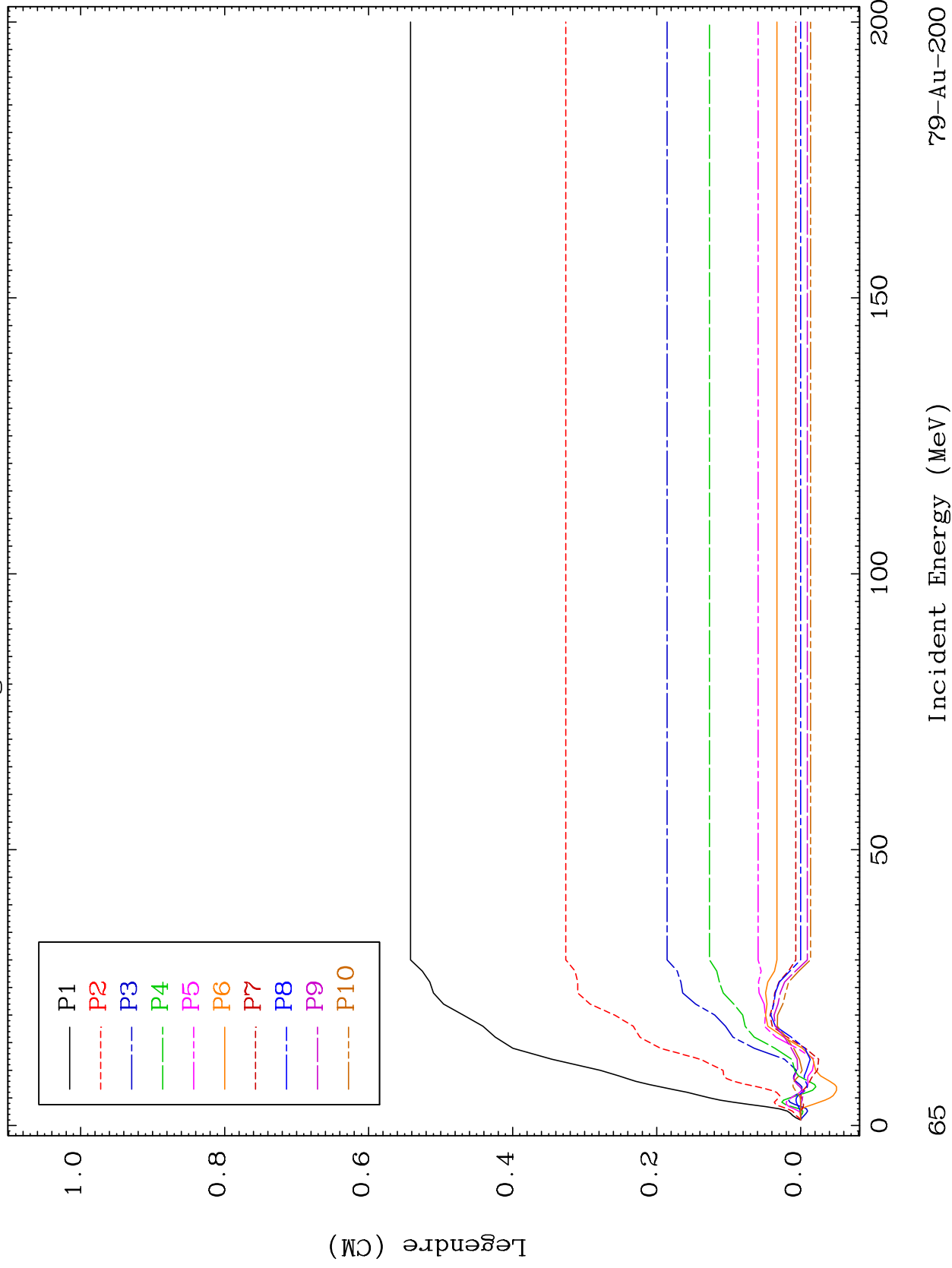




MAT 7934

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

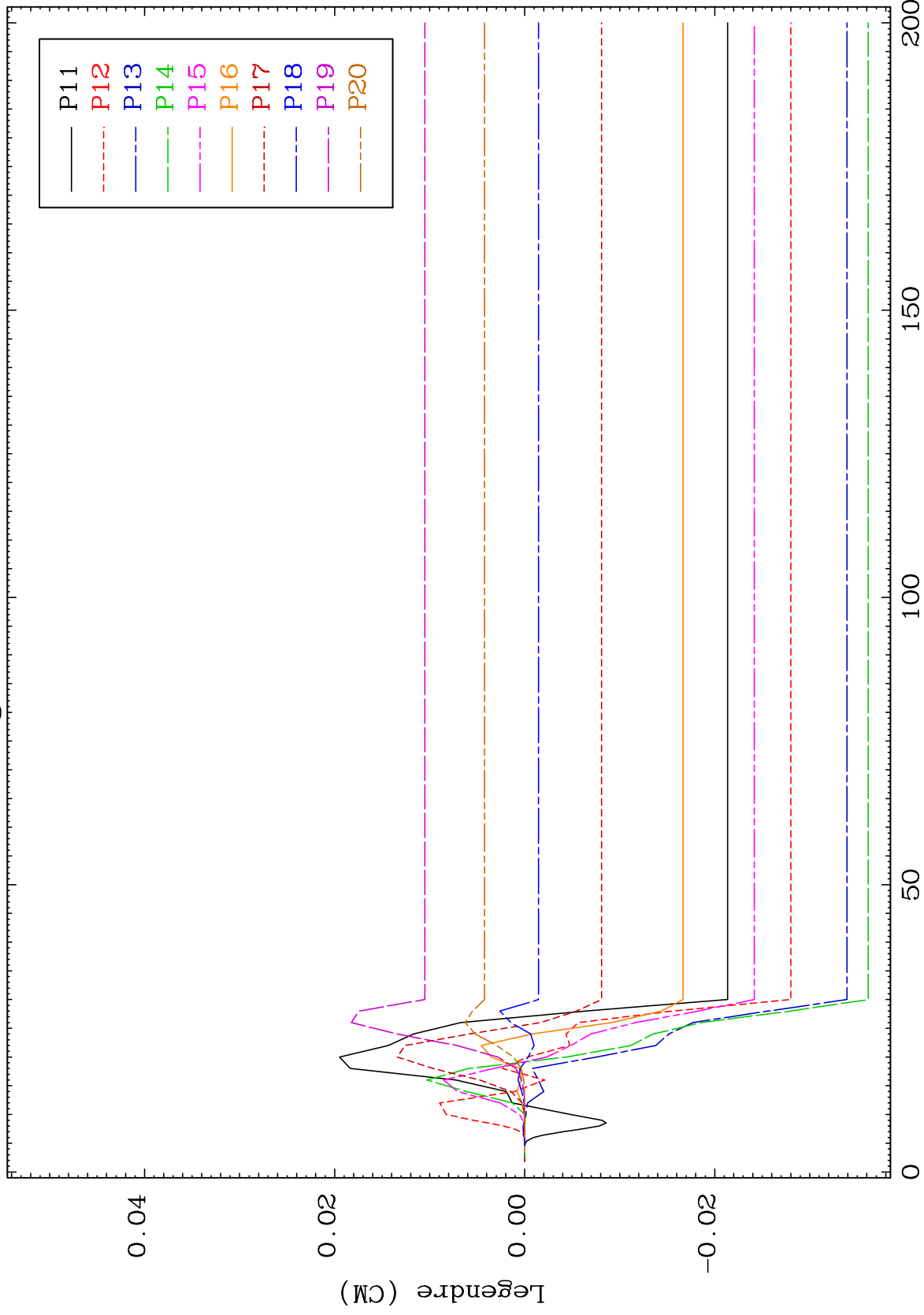
79-Au-200



MAT 7934

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

79-Au-200



66

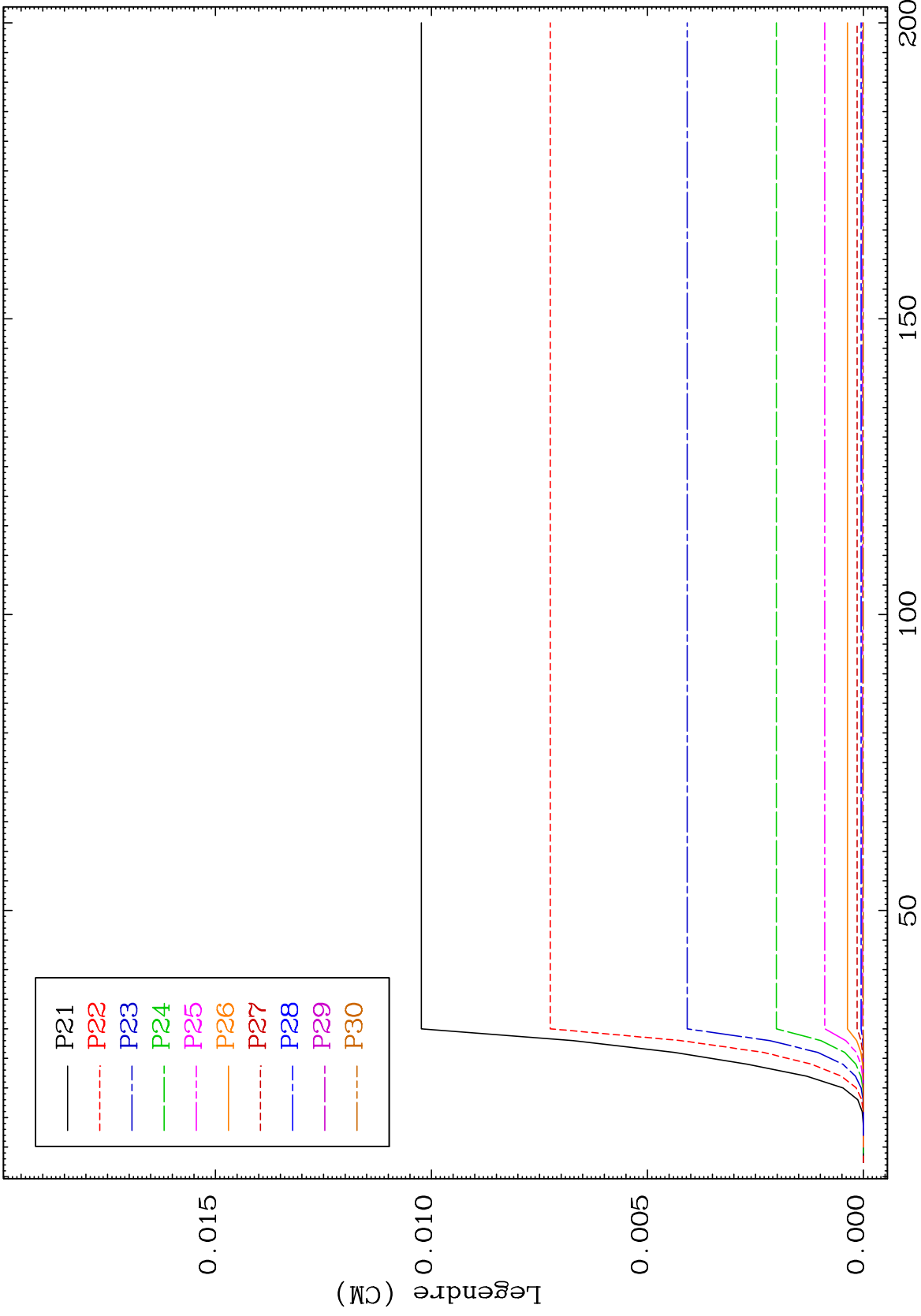
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



67

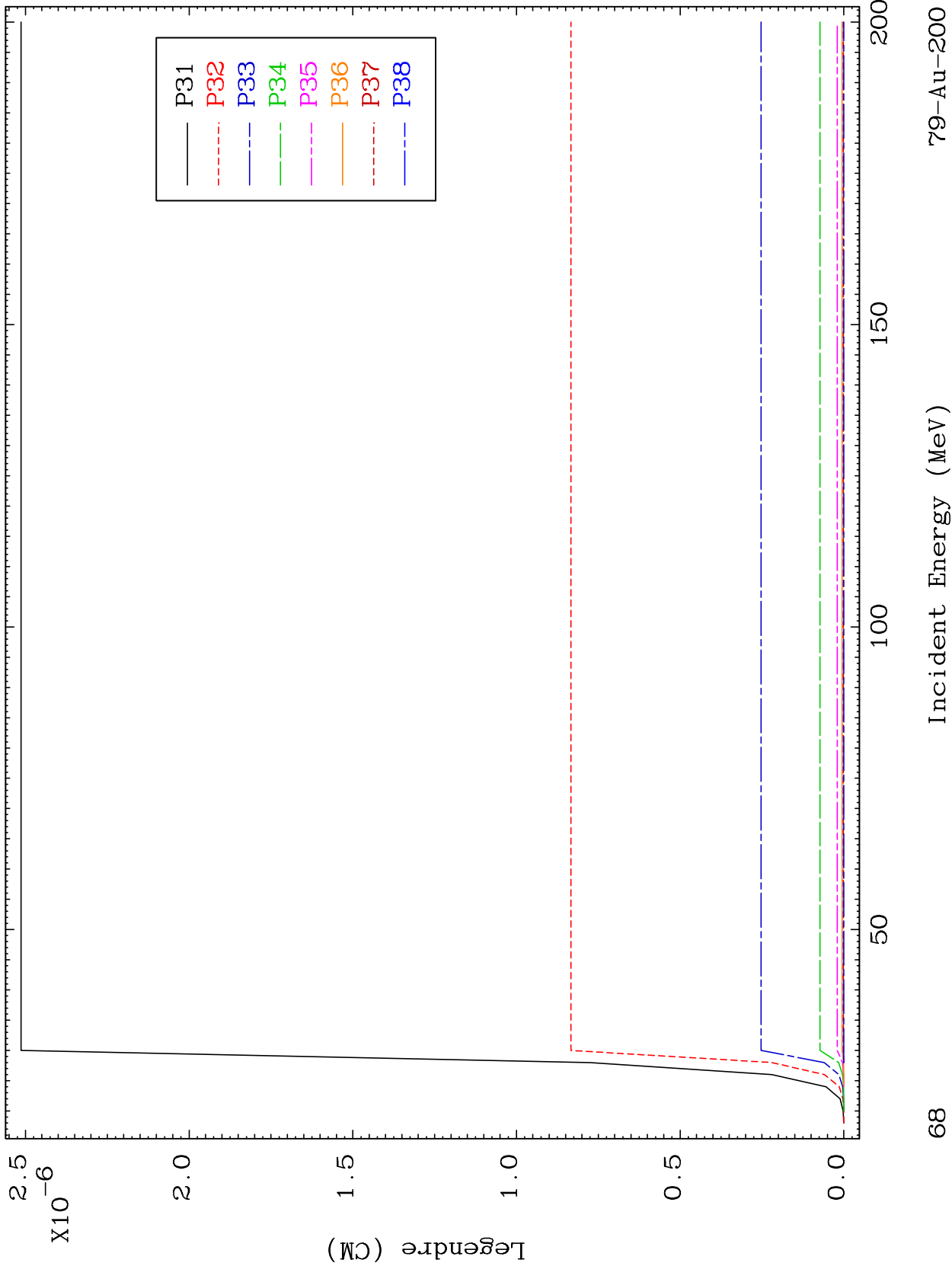
Incident Energy (MeV)

79-Au-200

MAT 7934

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

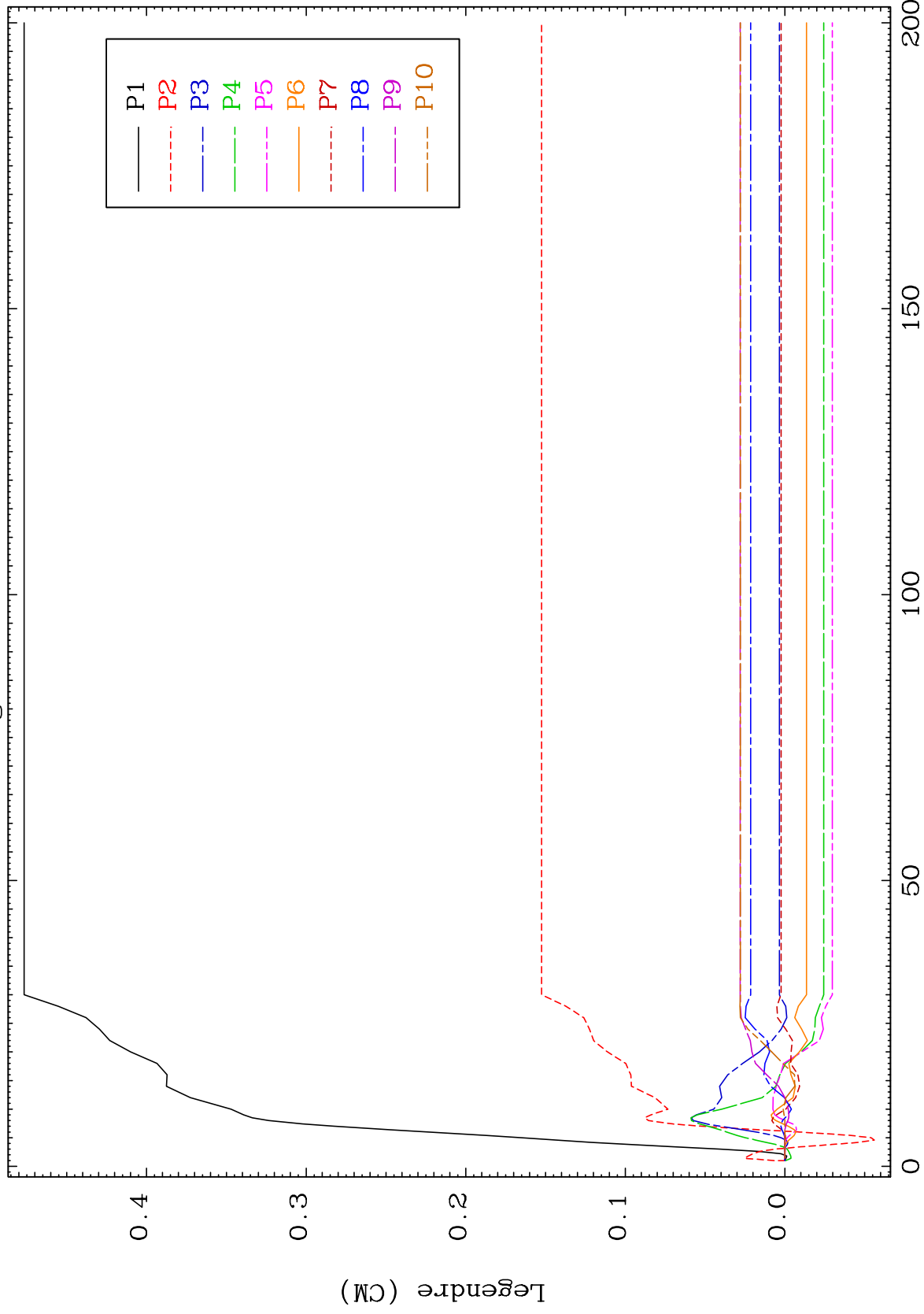
79-Au-200



MAT 7934

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

79-Au-200



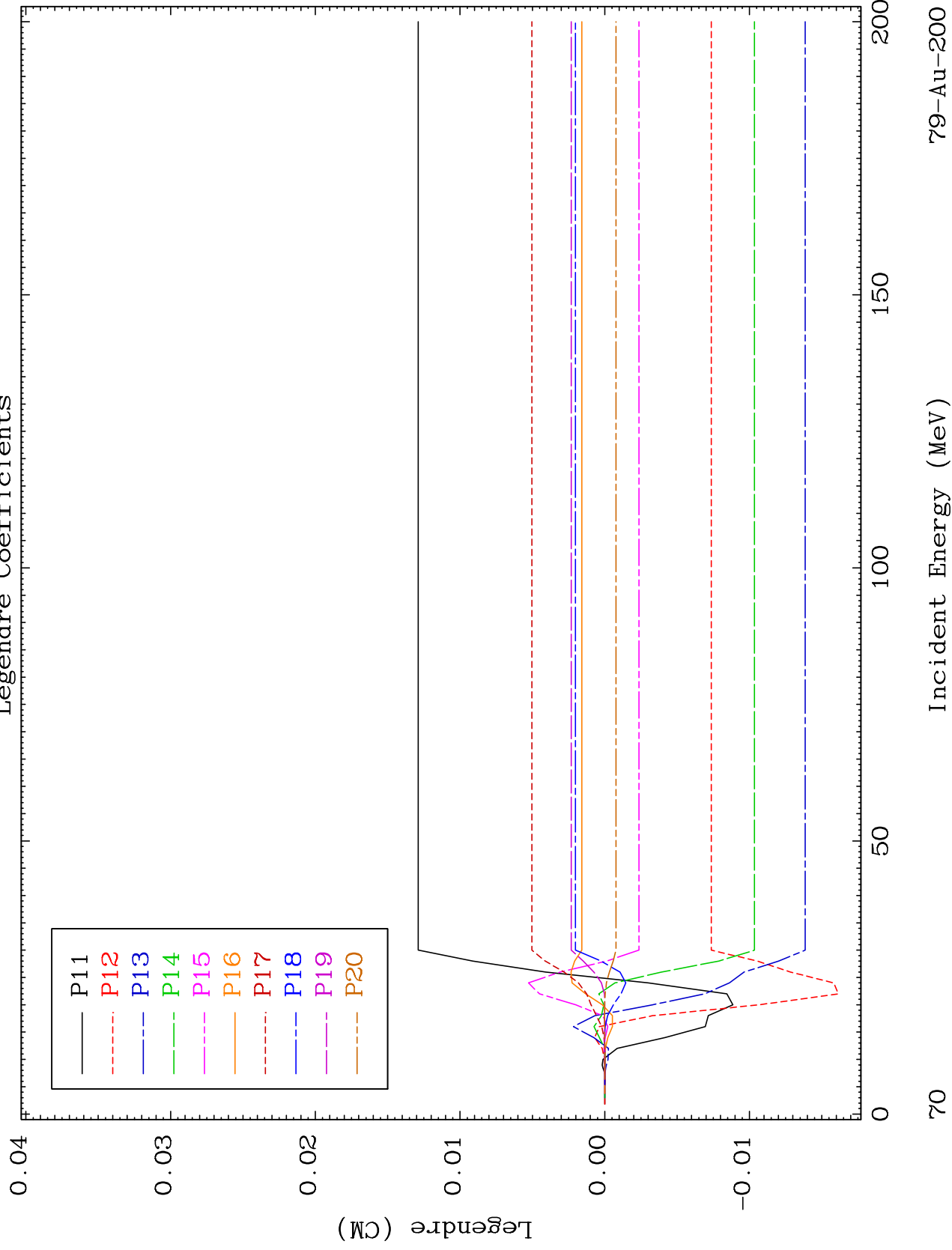
69

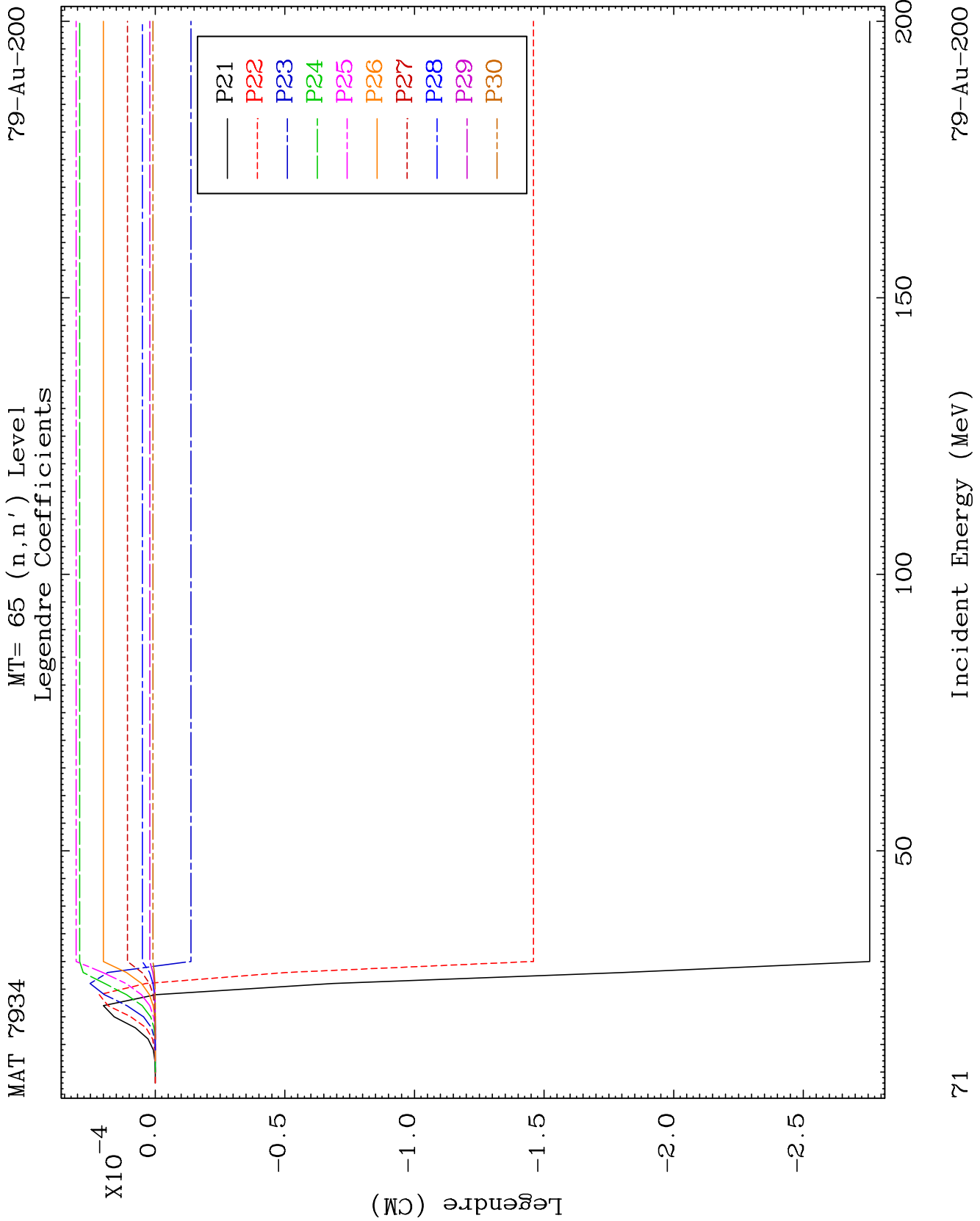
79-Au-200

MAT 7934

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

79-Au-200

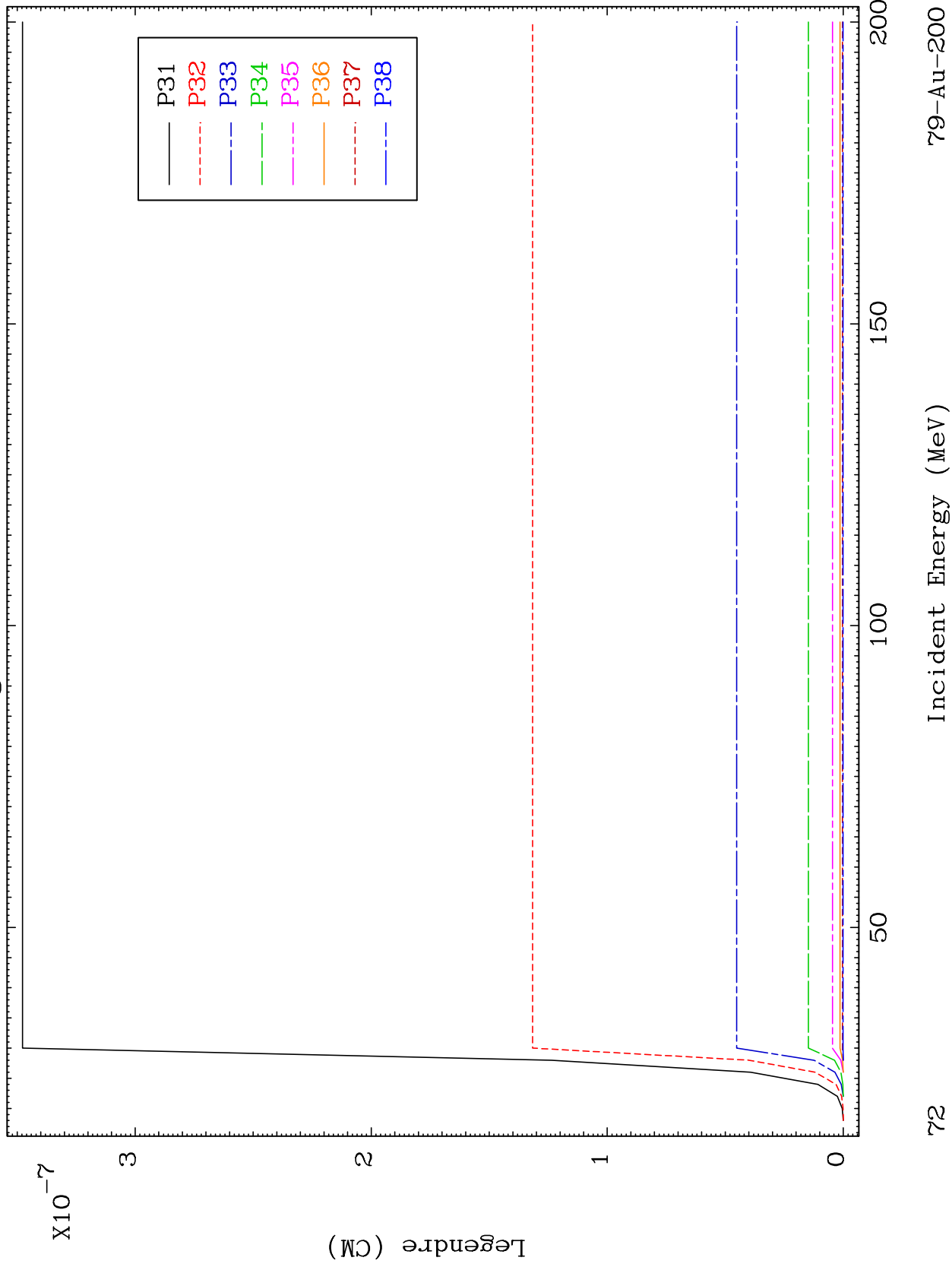




MAT 7934

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

79-Au-200



72

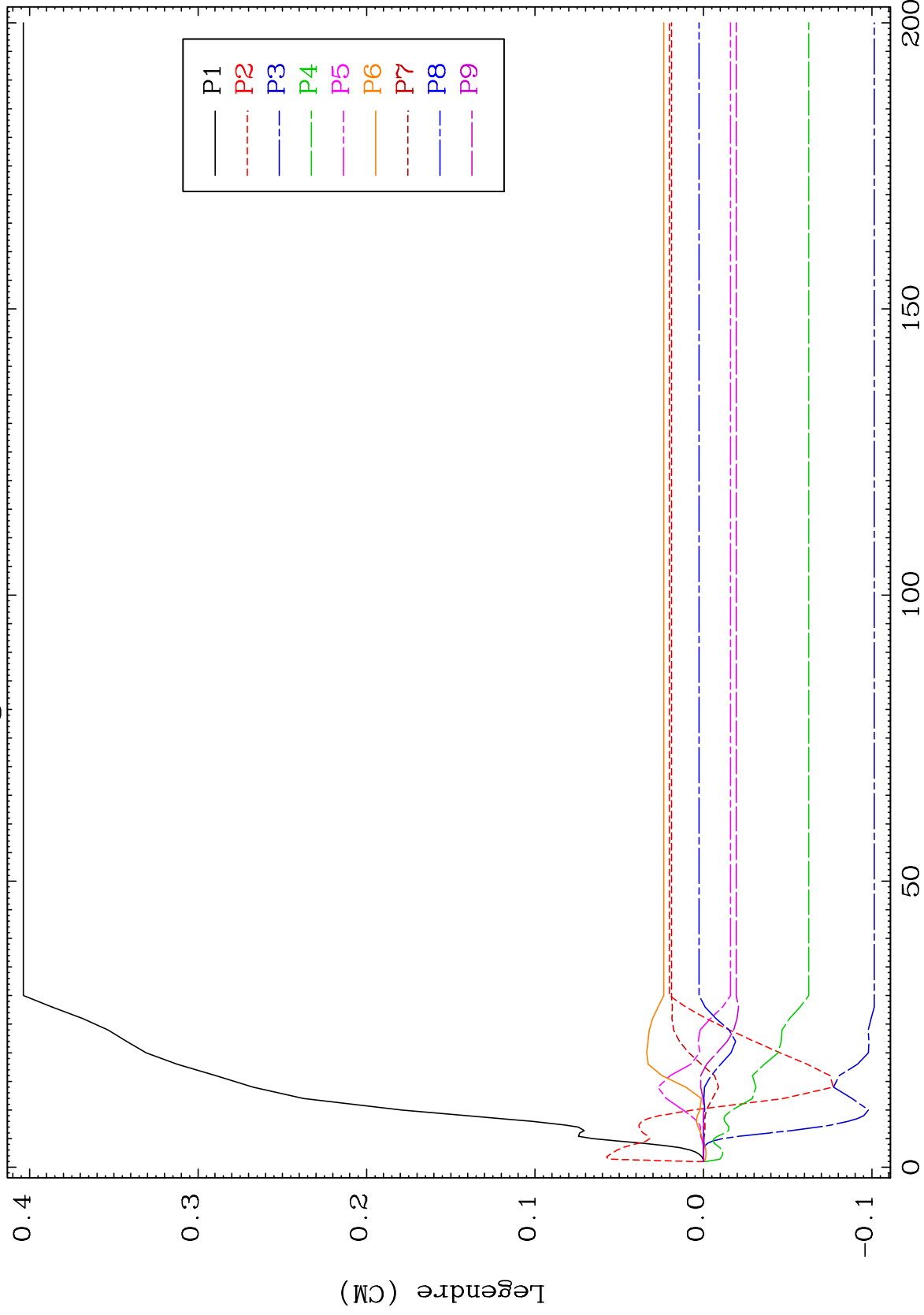
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



73

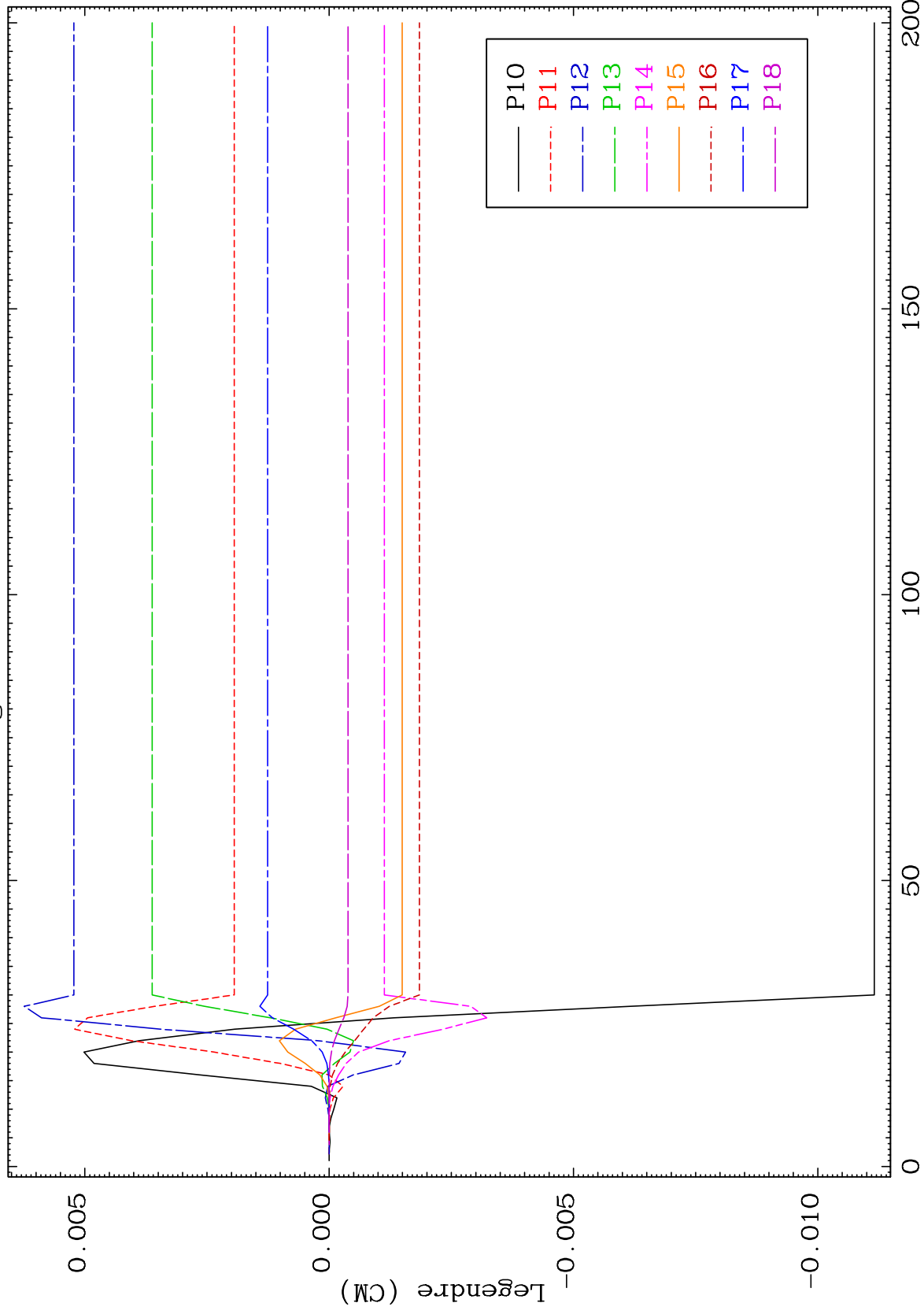
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



74

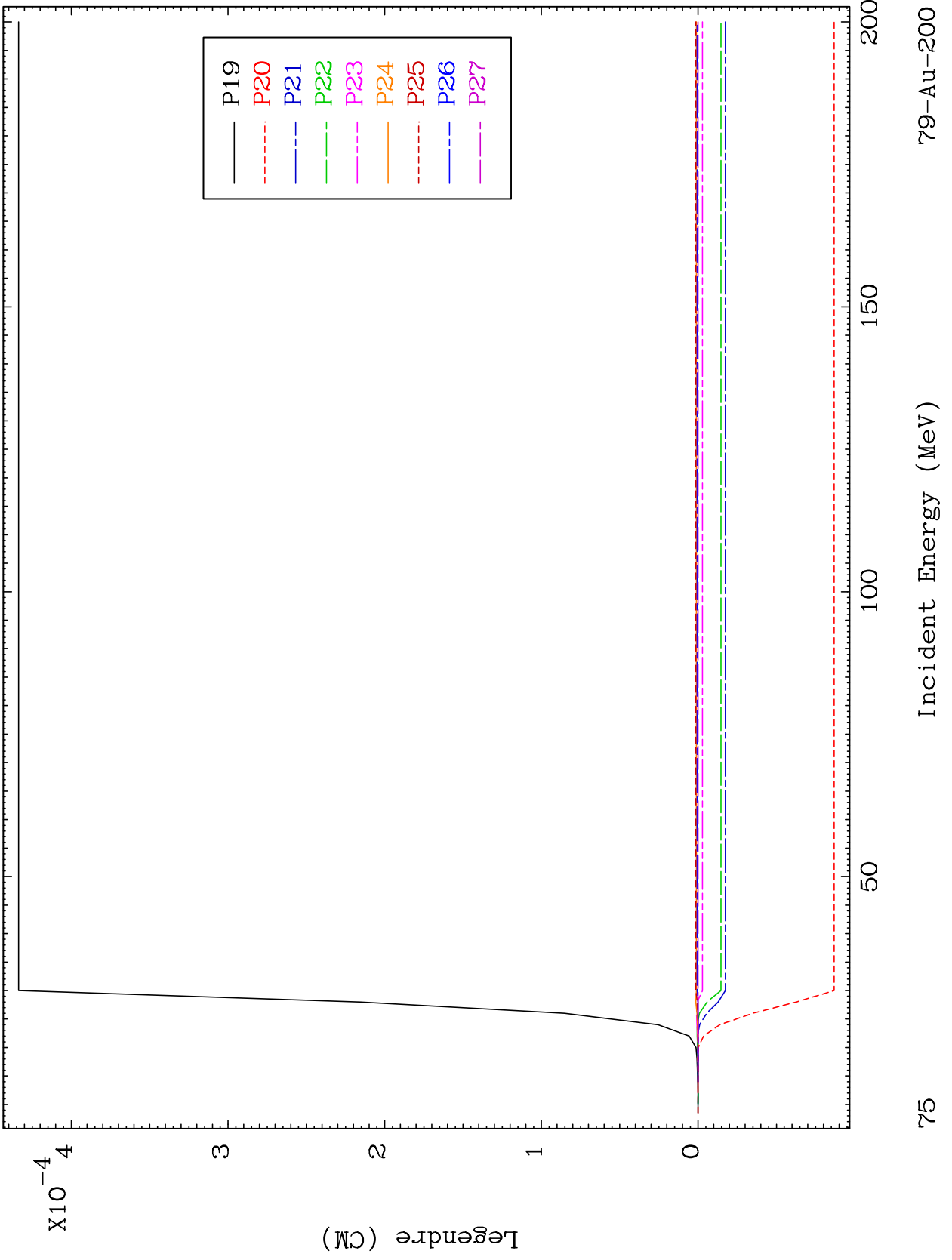
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



75

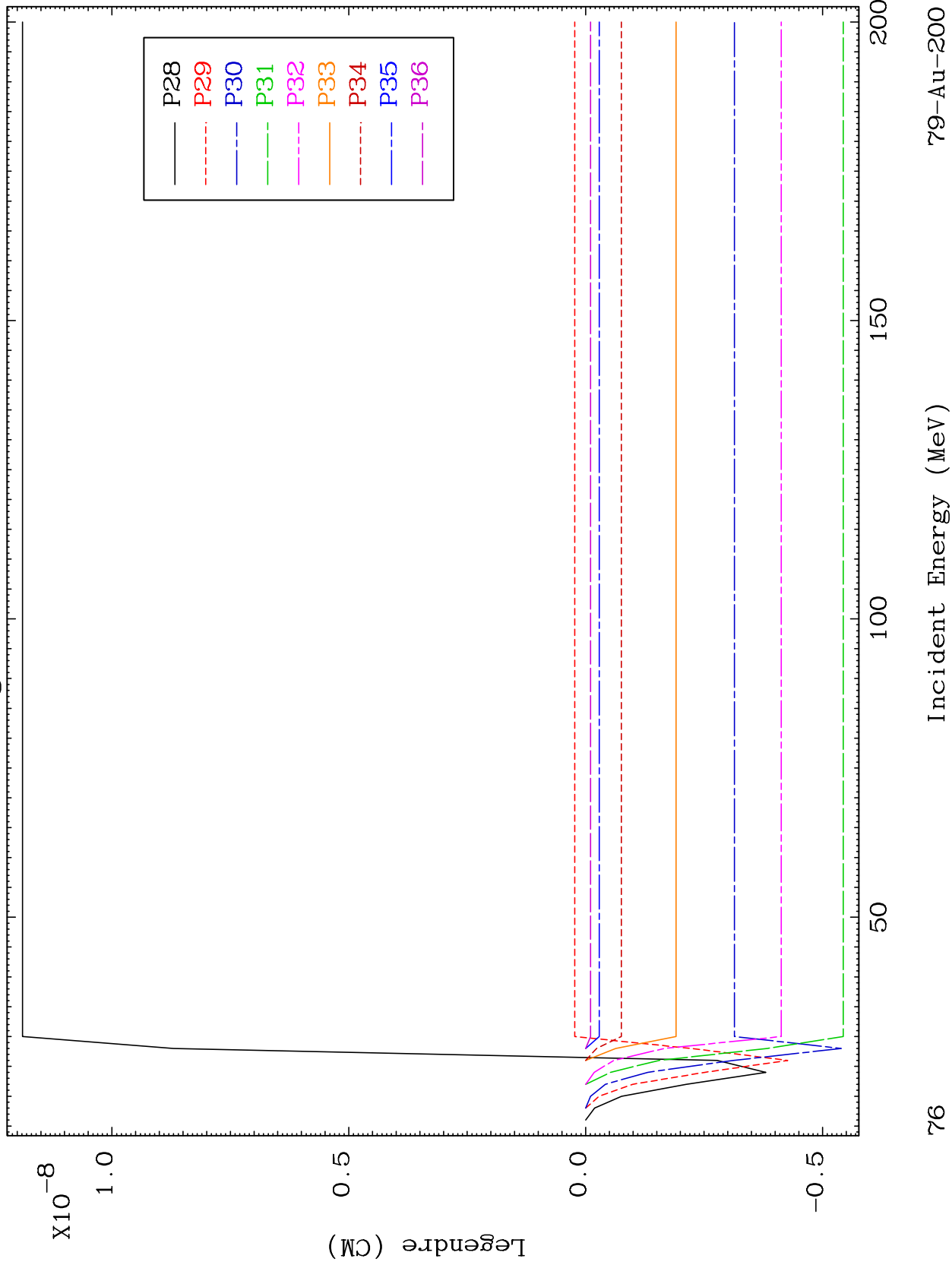
Incident Energy (MeV)

79-Au-200

MAT 7934

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

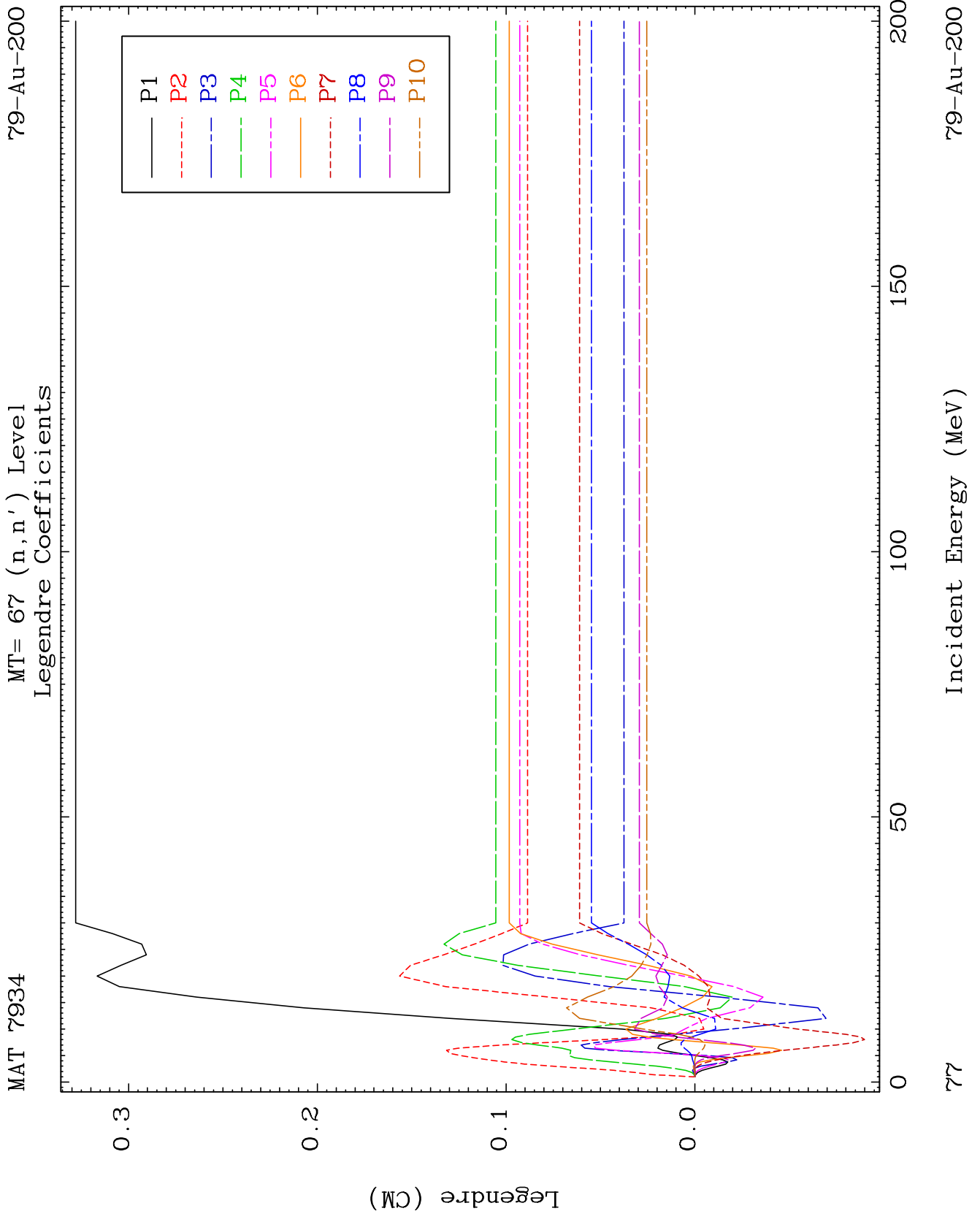
79-Au-200



76

Incident Energy (MeV)

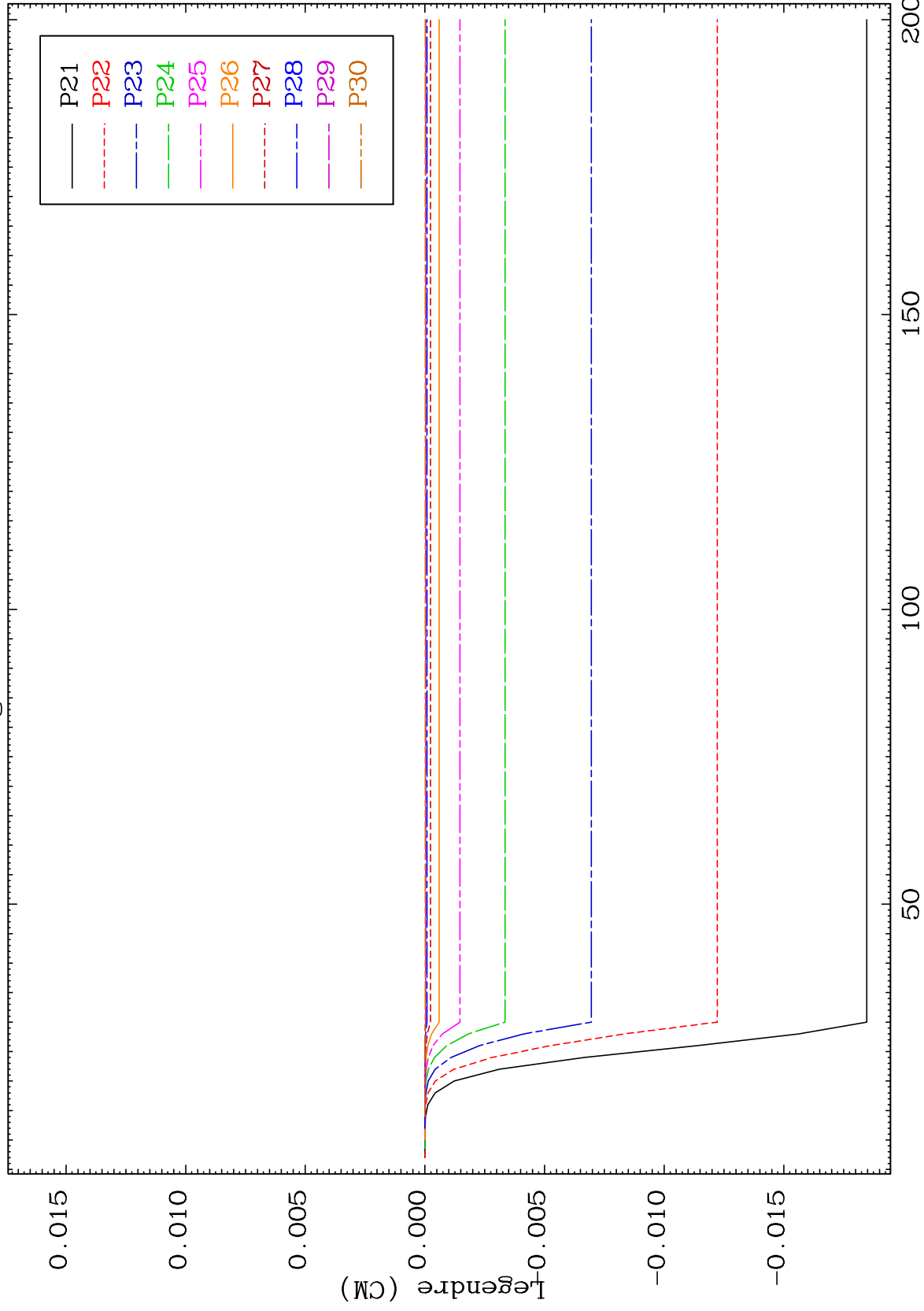
79-Au-200



MAT 7934

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

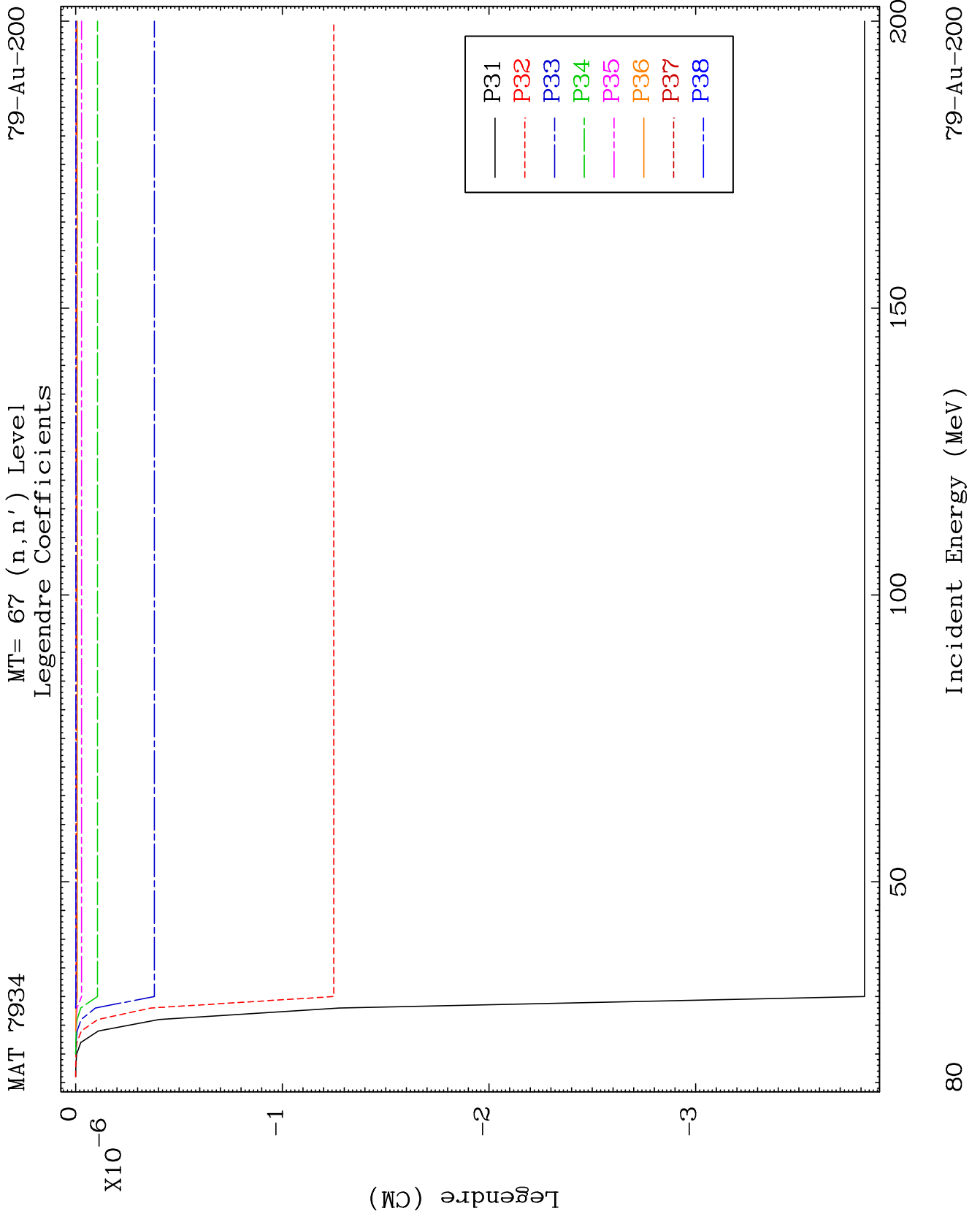
79-Au-200



79

Incident Energy (MeV)

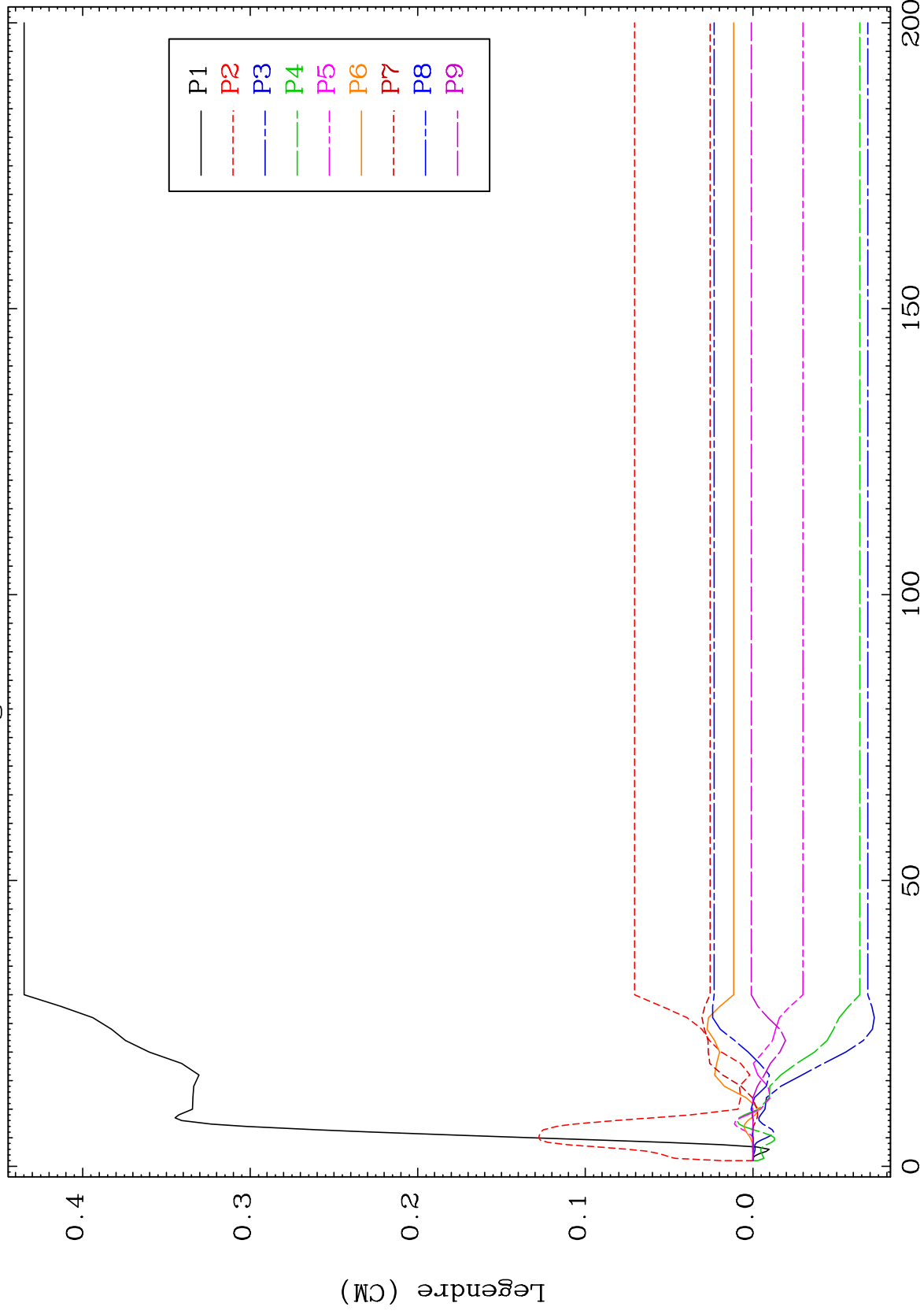
79-Au-200



MAT 7934

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

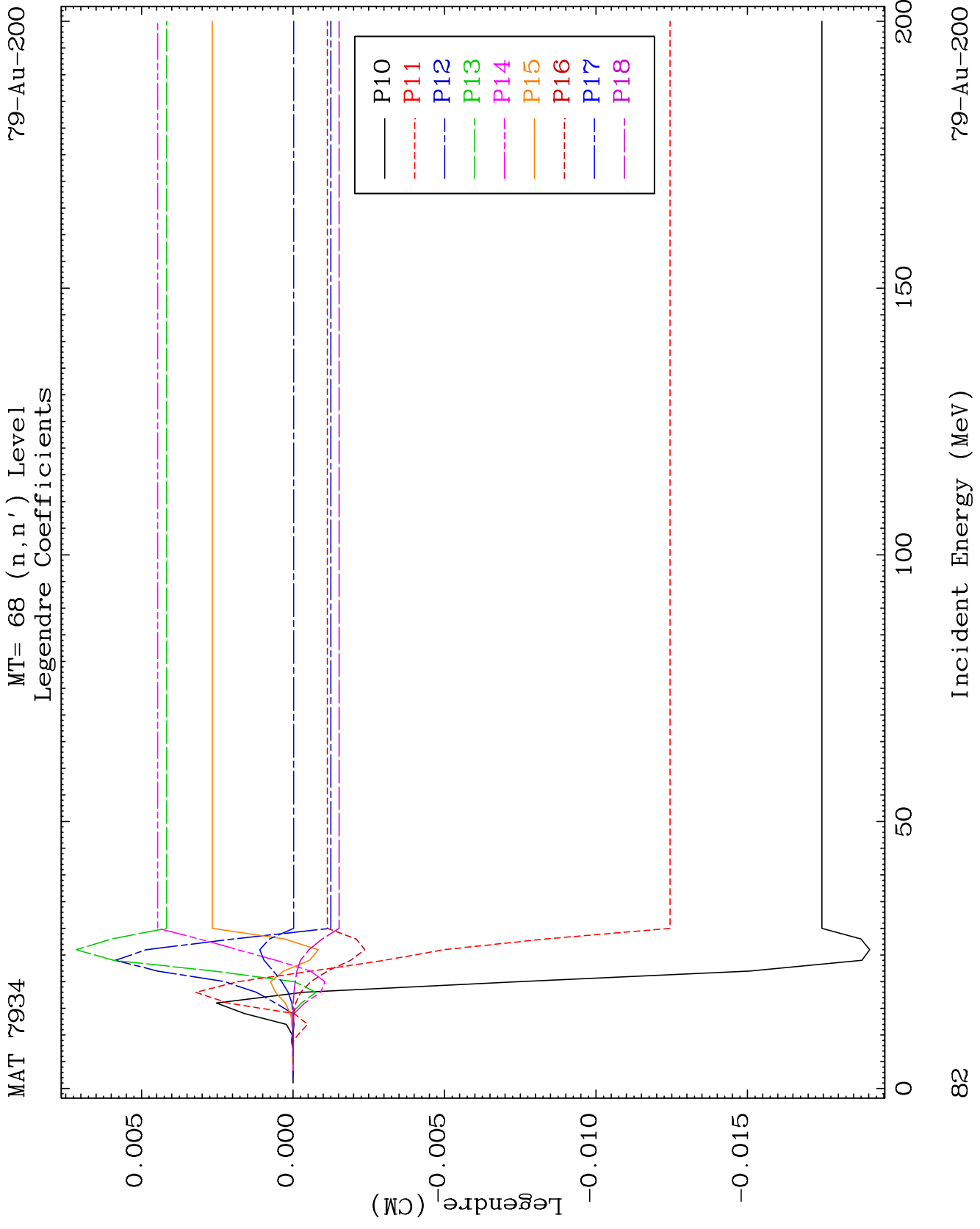
79-Au-200



81

Incident Energy (MeV)

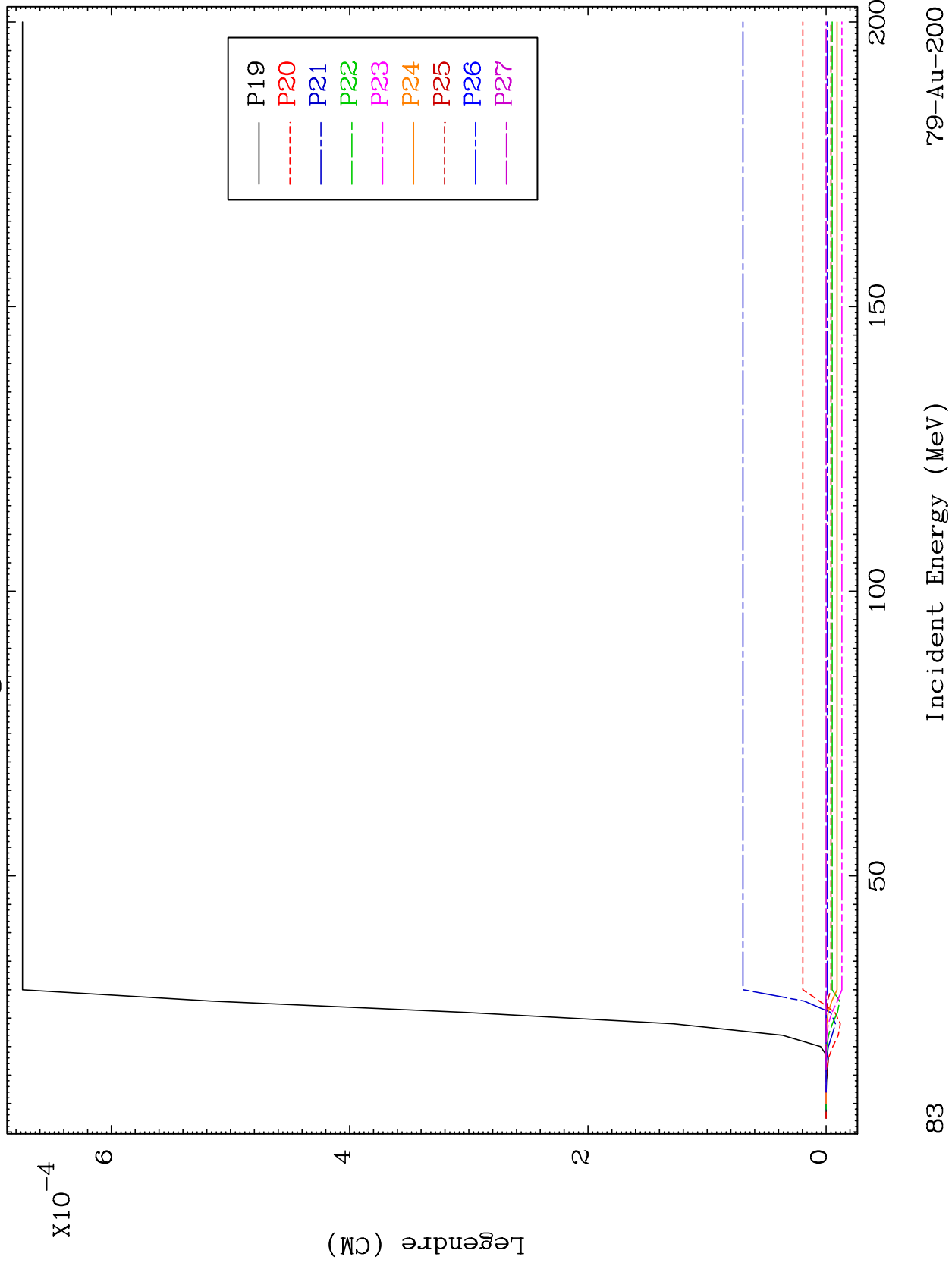
79-Au-200



MAT 7934

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

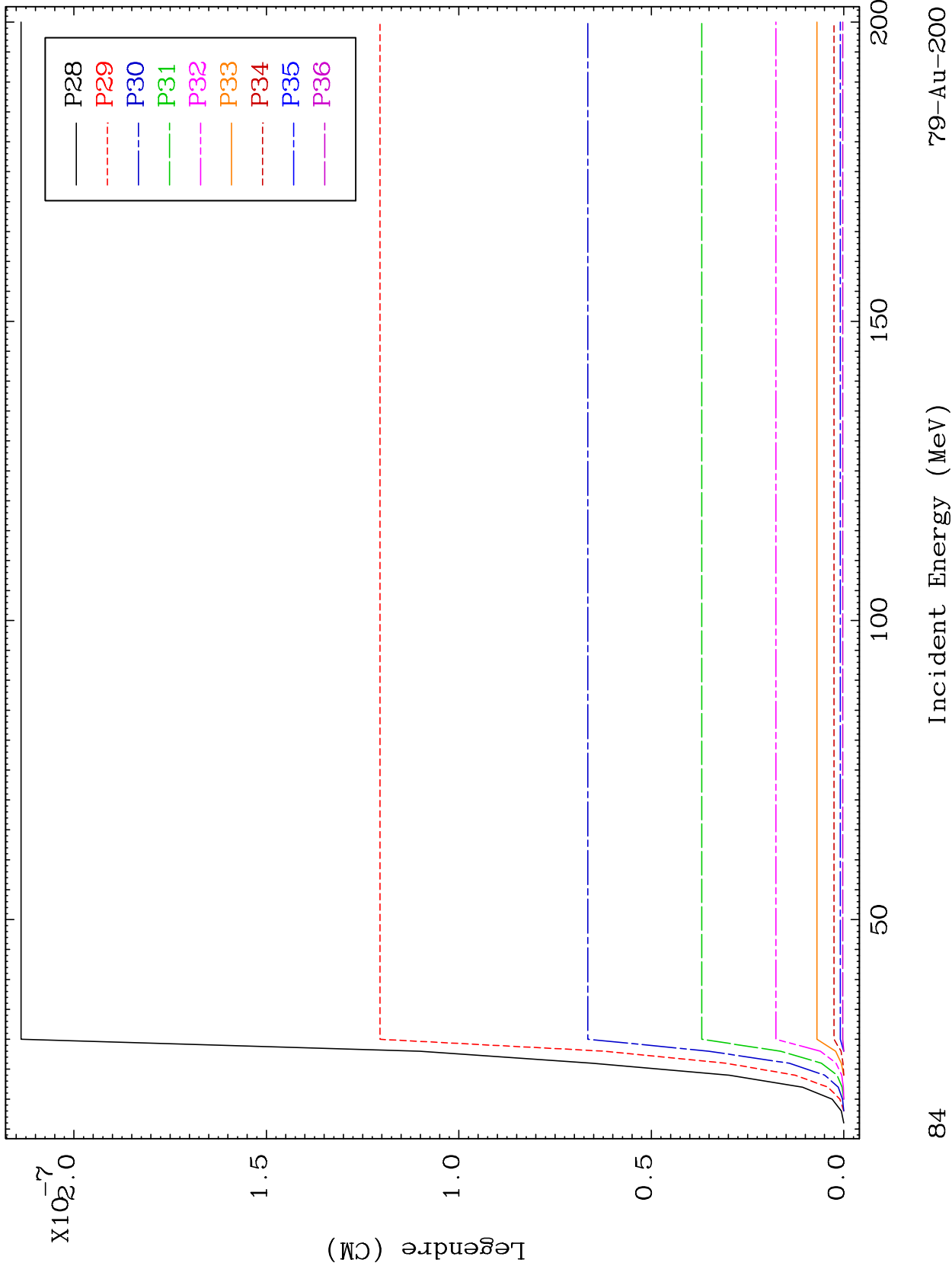
79-Au-200



MAT 7934

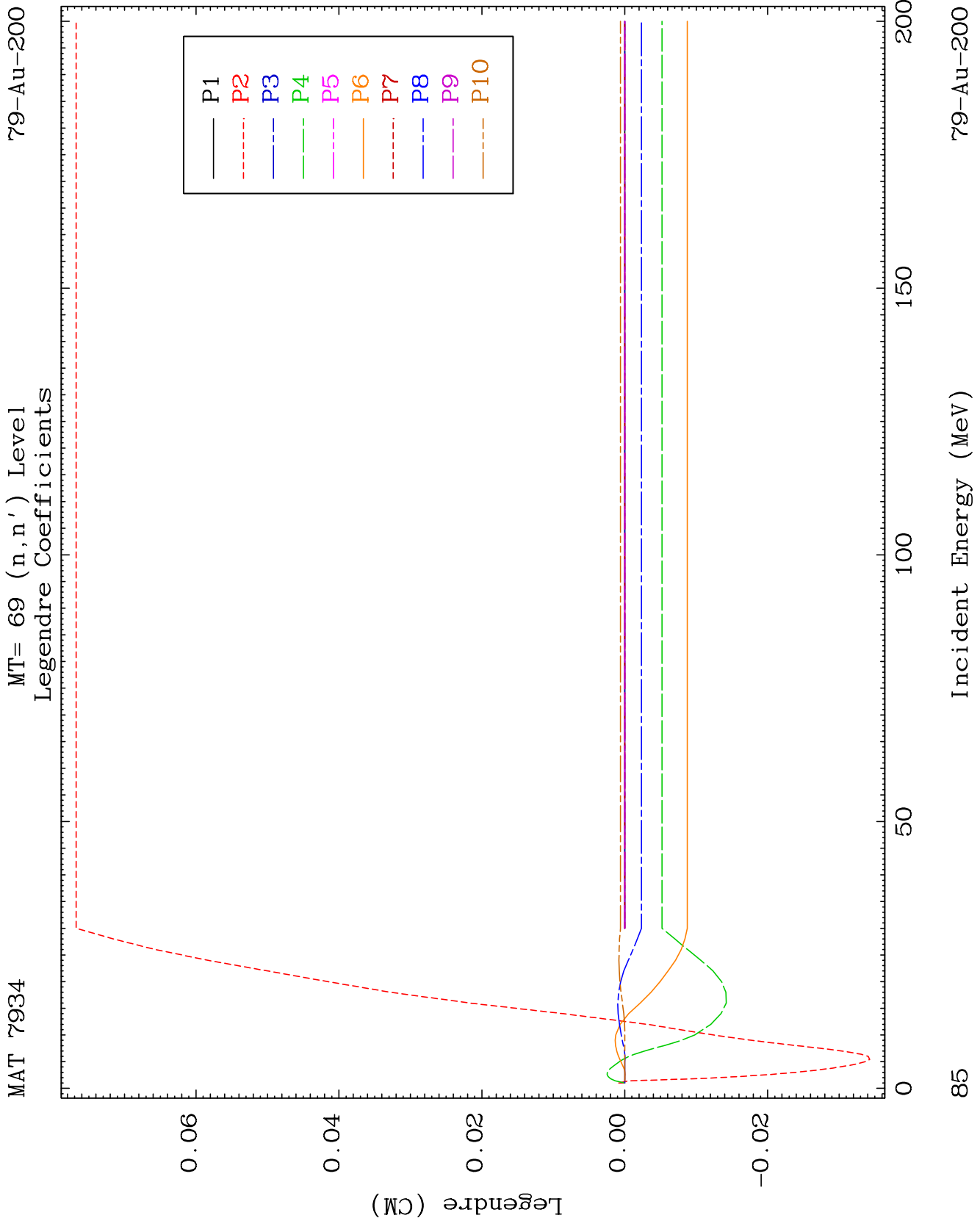
MT= 68 (n,n') Level
Legendre Coefficients

79-Au-200



84

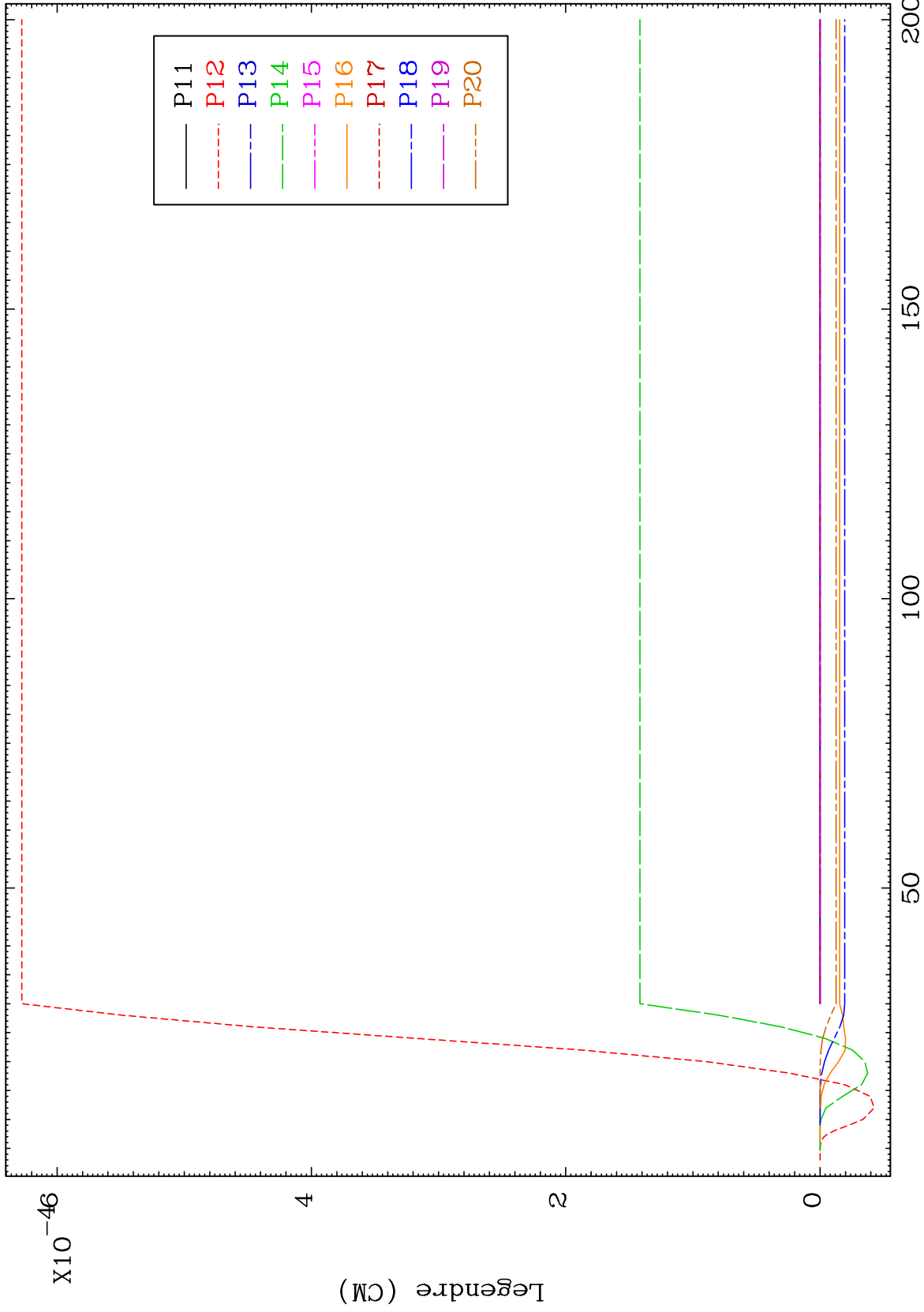
79-Au-200



MAT 7934

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

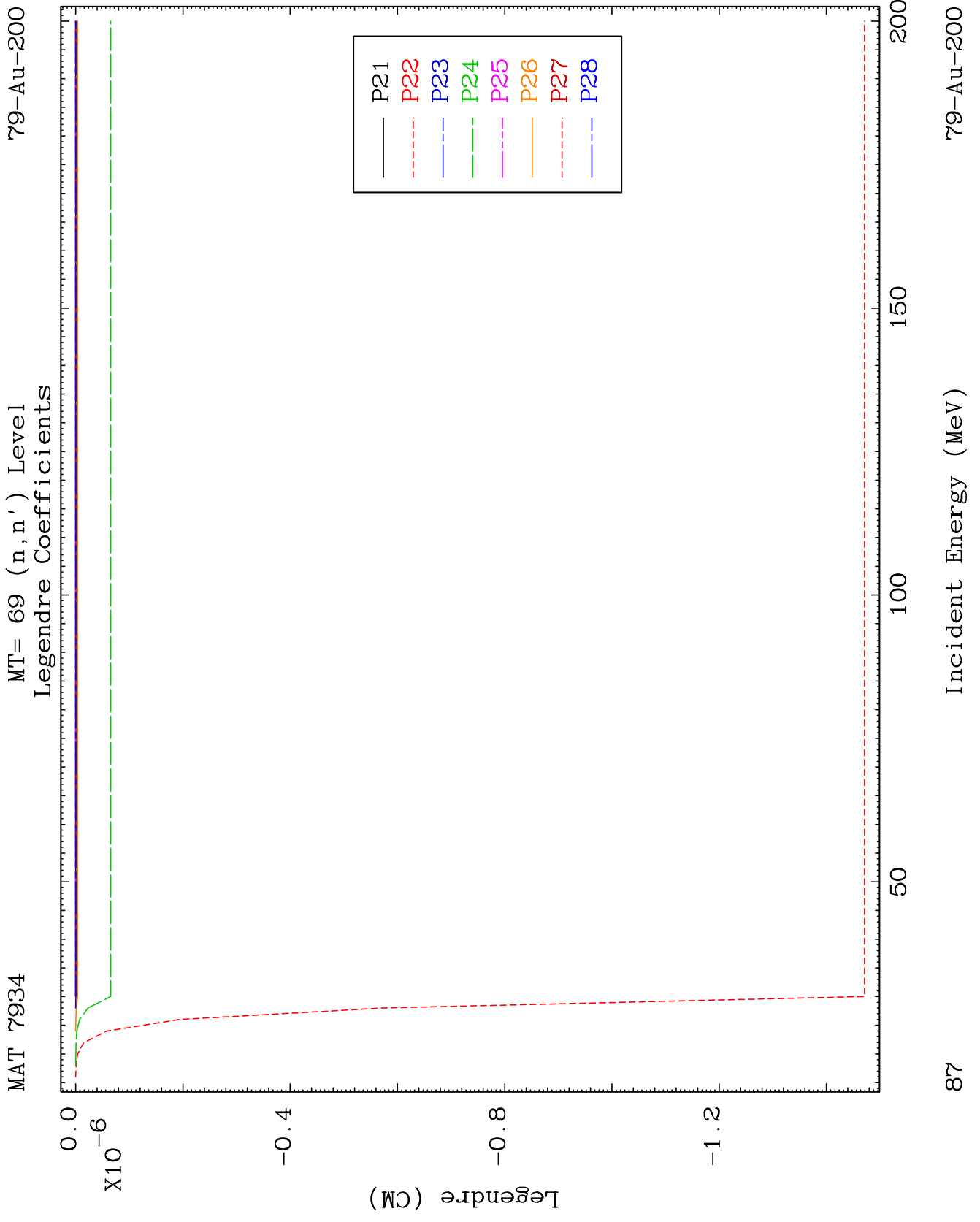
79-Au-200

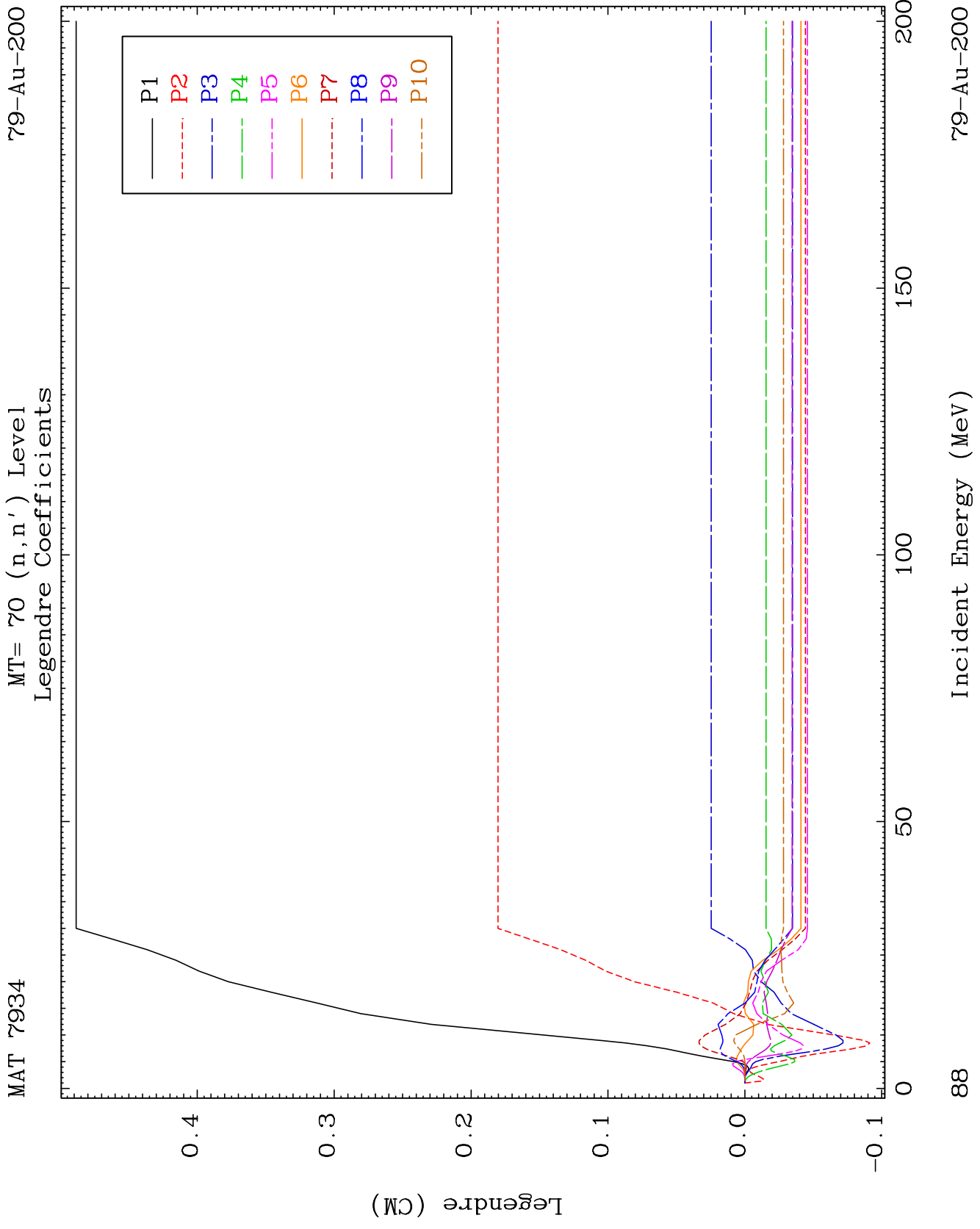


86

Incident Energy (MeV)

79-Au-200

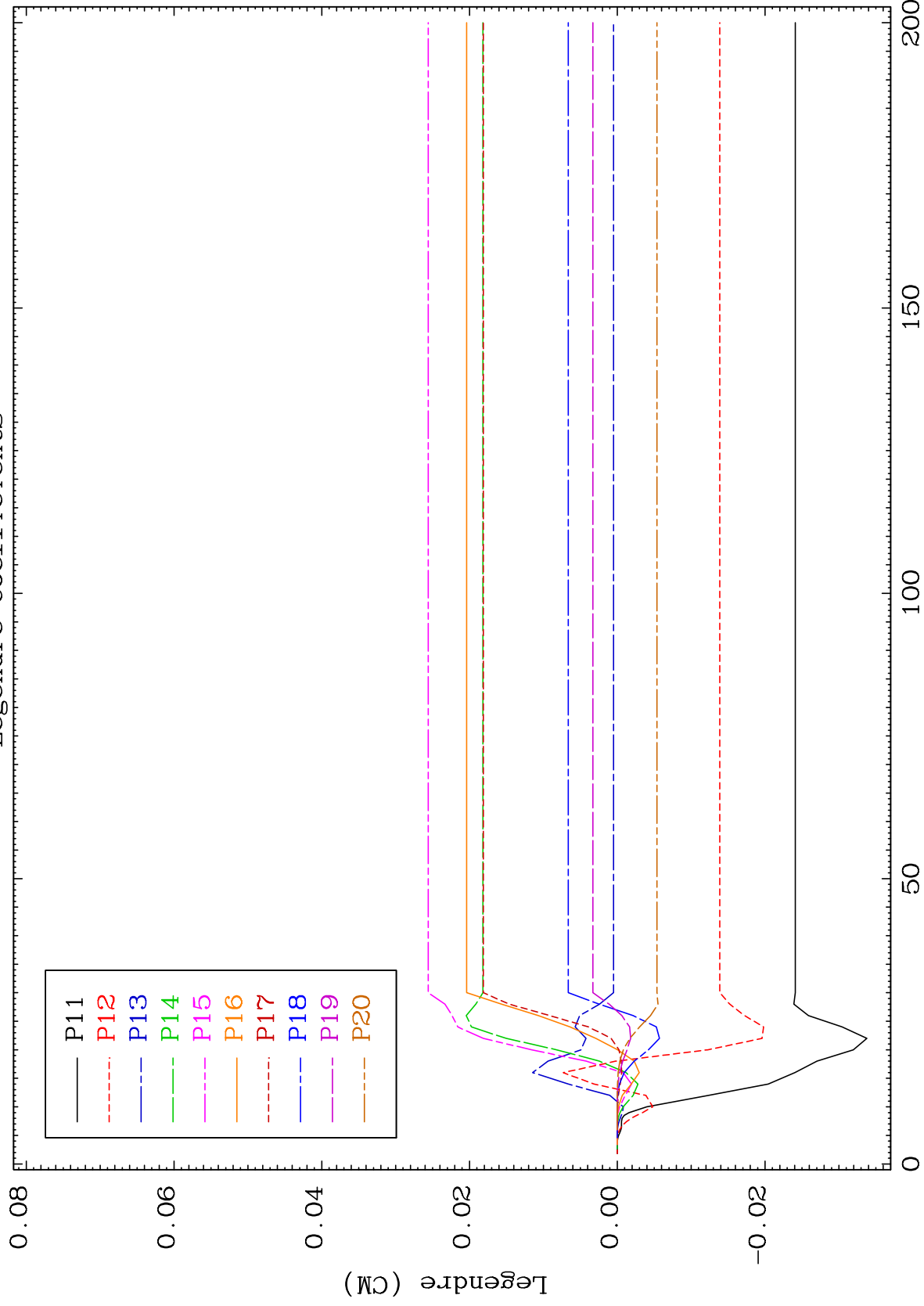




MAT 7934

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

79-Au-200



89

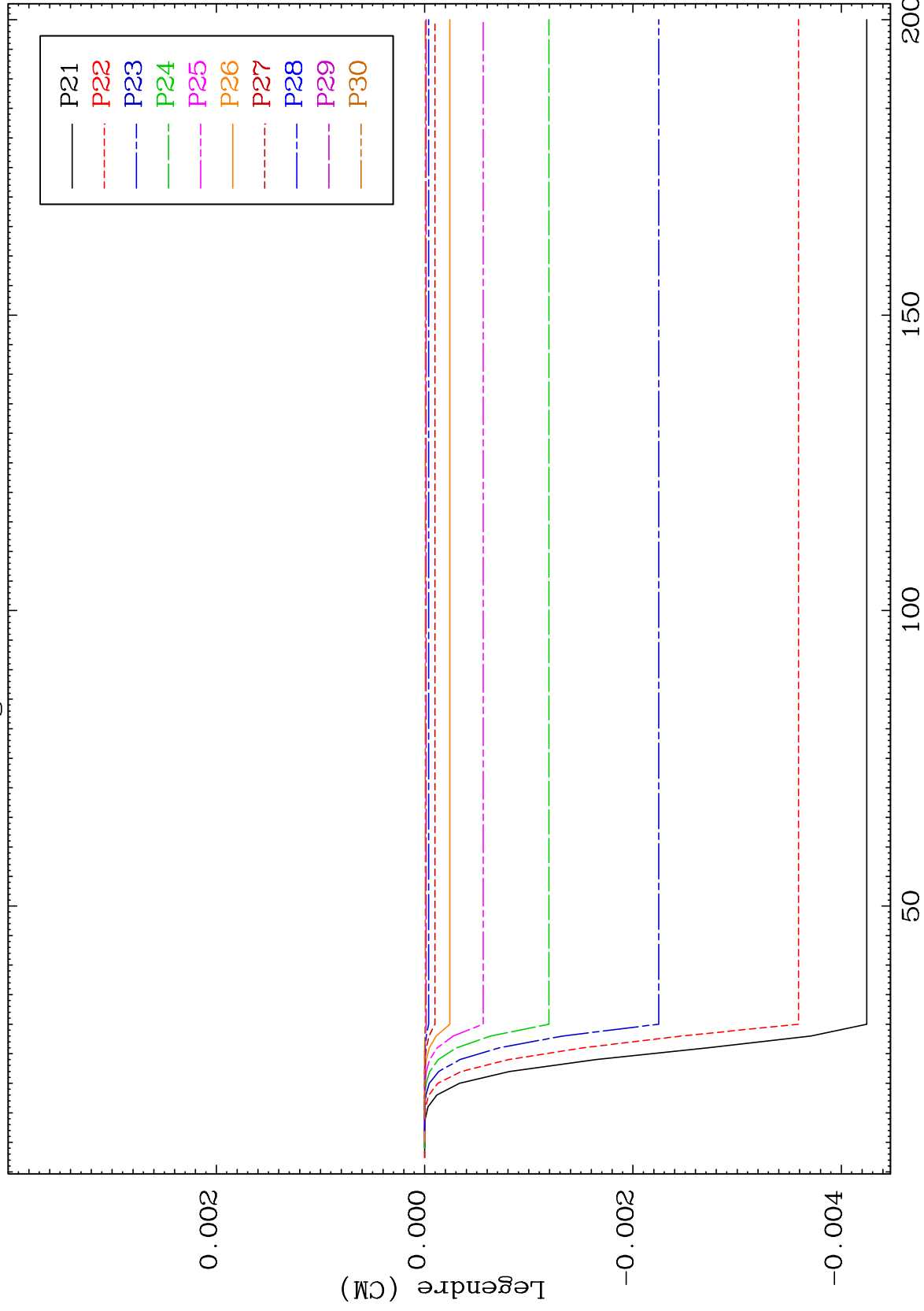
Incident Energy (MeV)

79-Au-200

MAT 7934

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

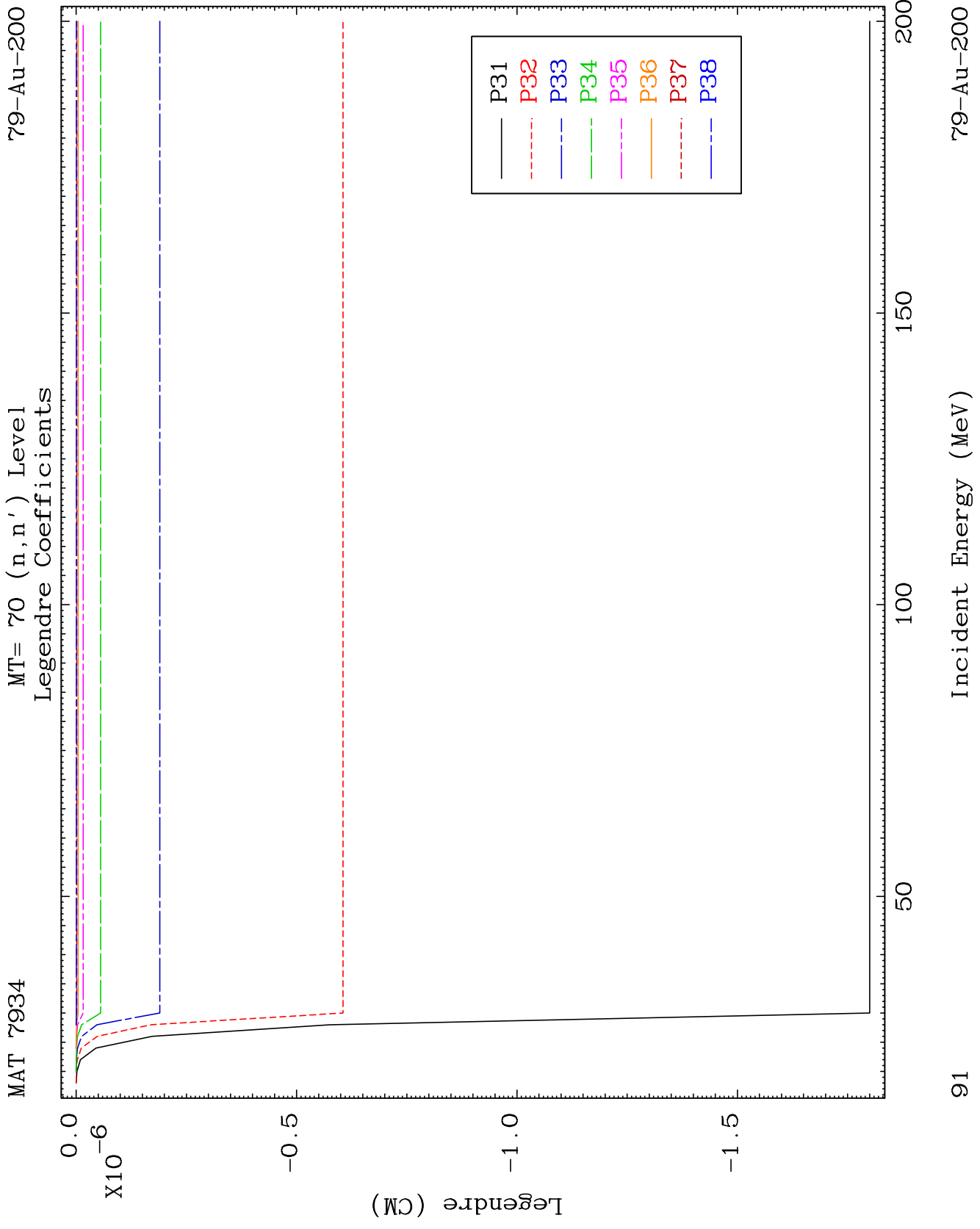
79-Au-200

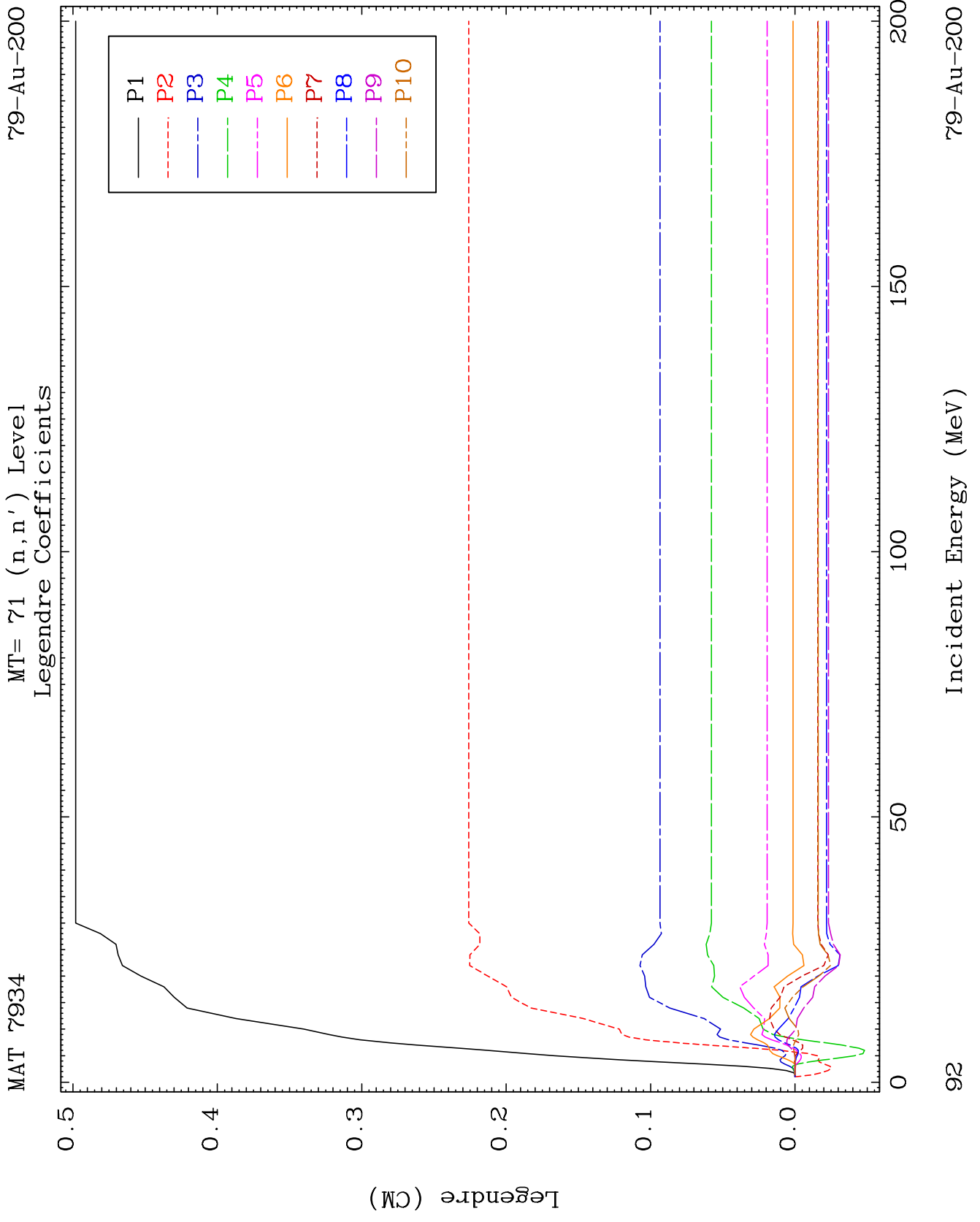


90

Incident Energy (MeV)

79-Au-200

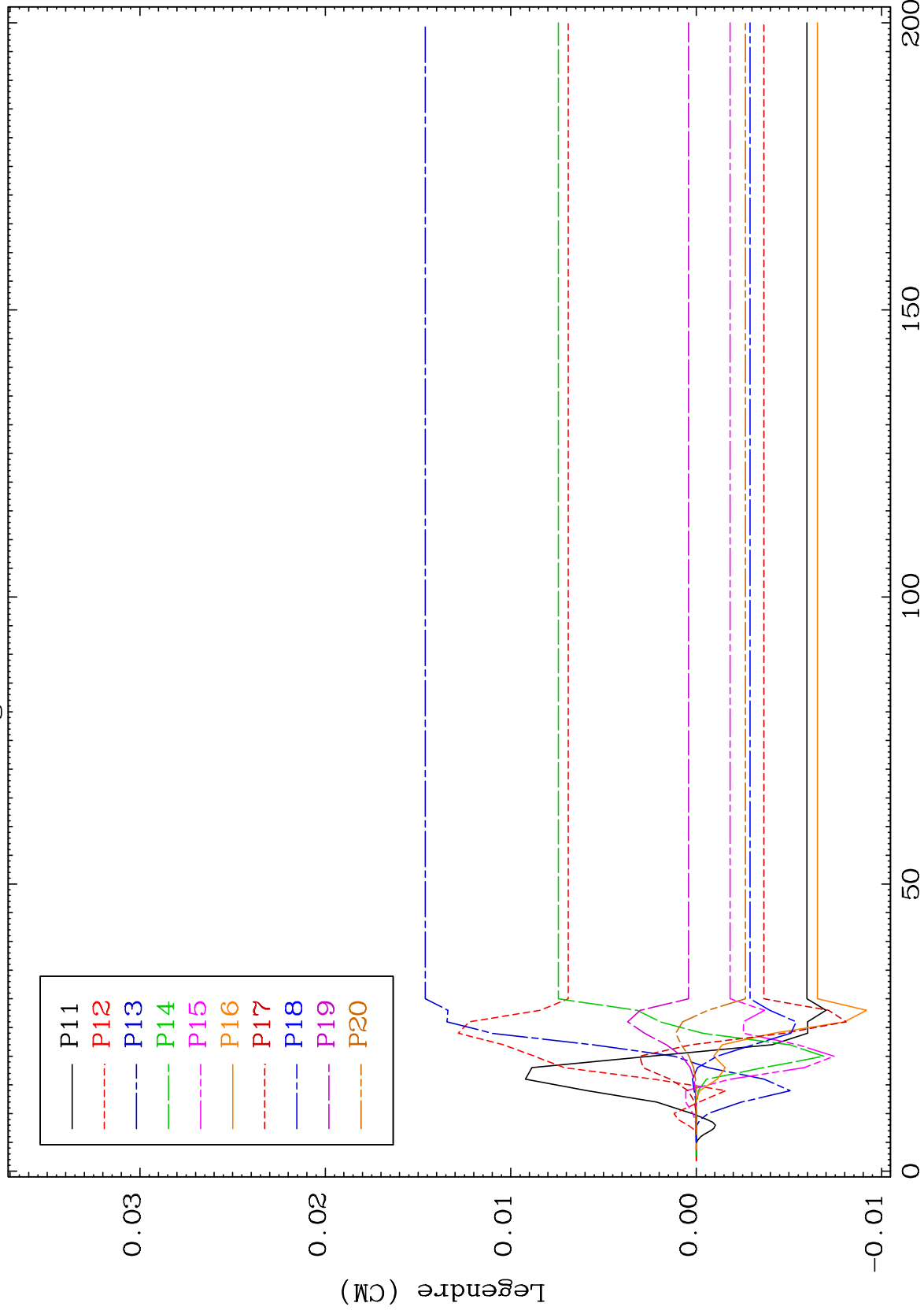




MAT 7934

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

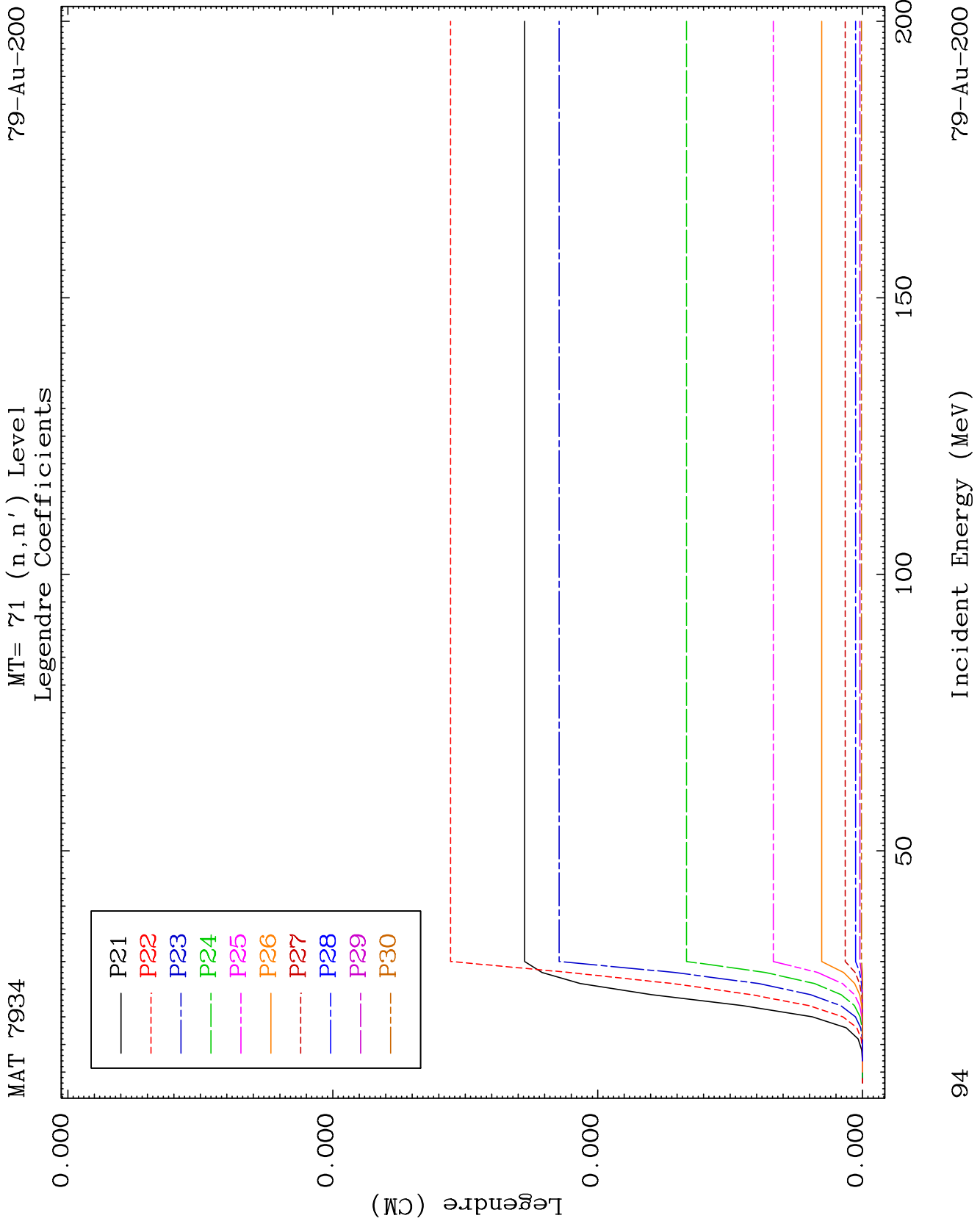
79-Au-200



93

Incident Energy (MeV)

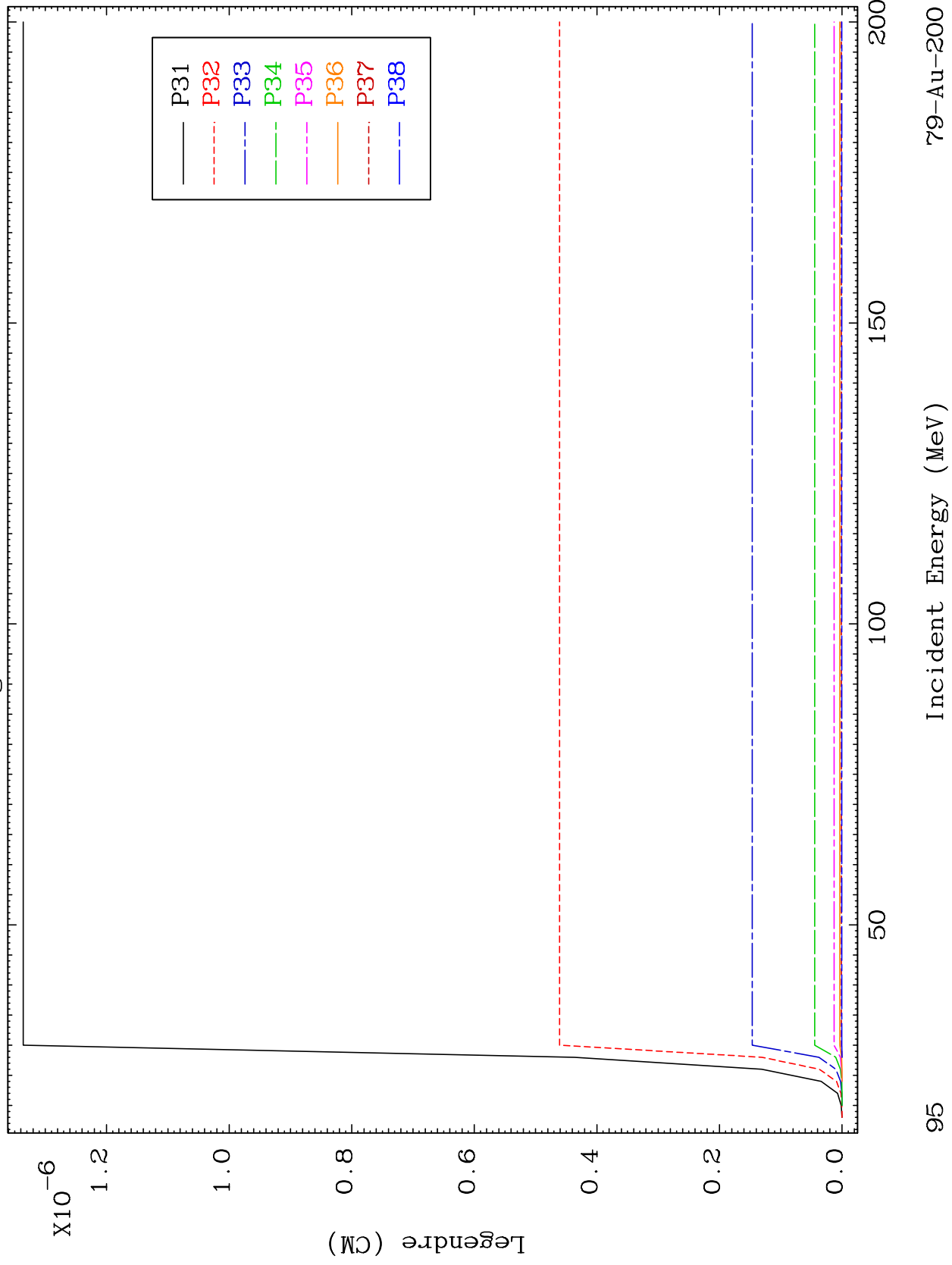
79-Au-200



MAT 7934

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

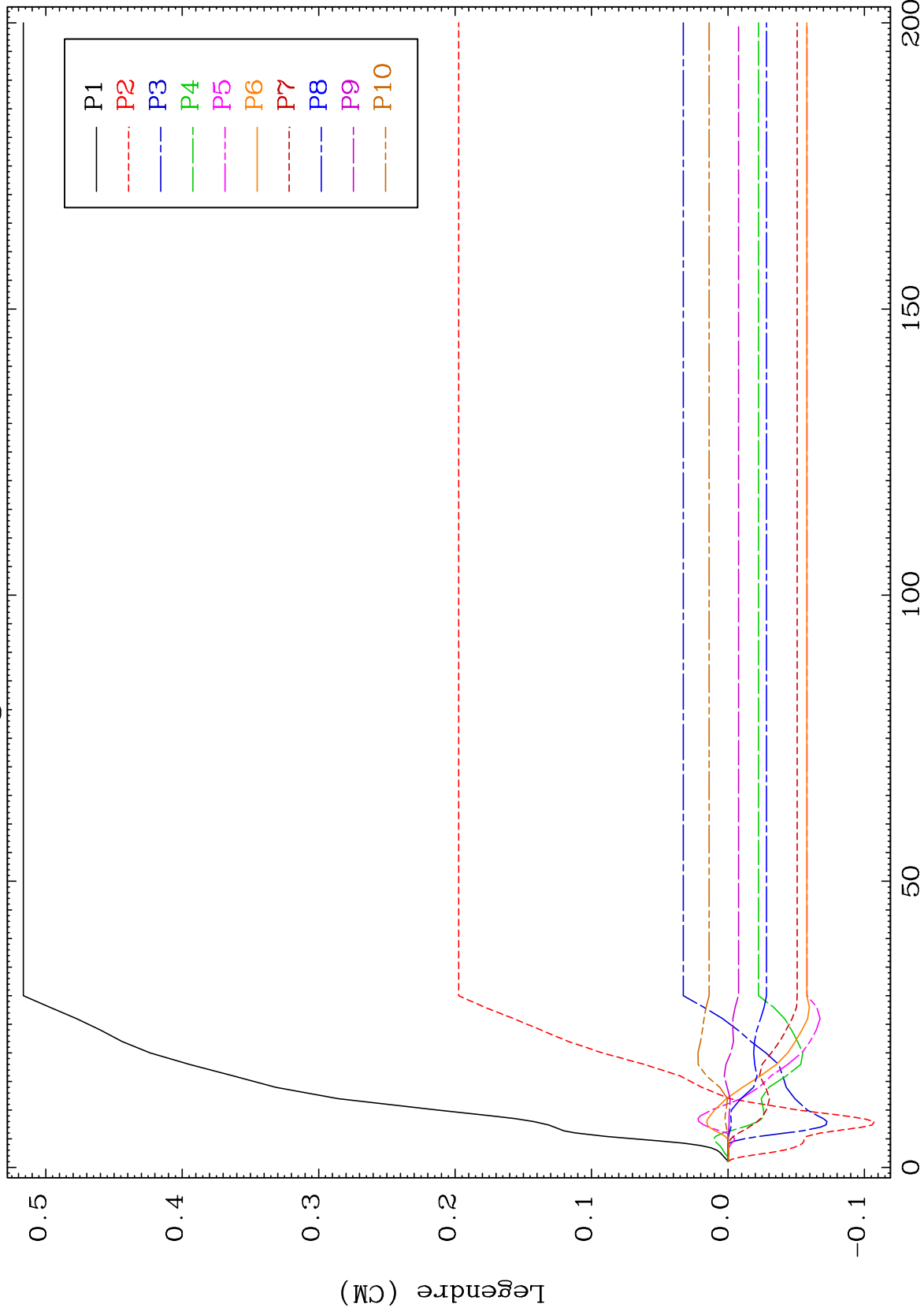
79-Au-200



MAT 7934

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

79-Au-200



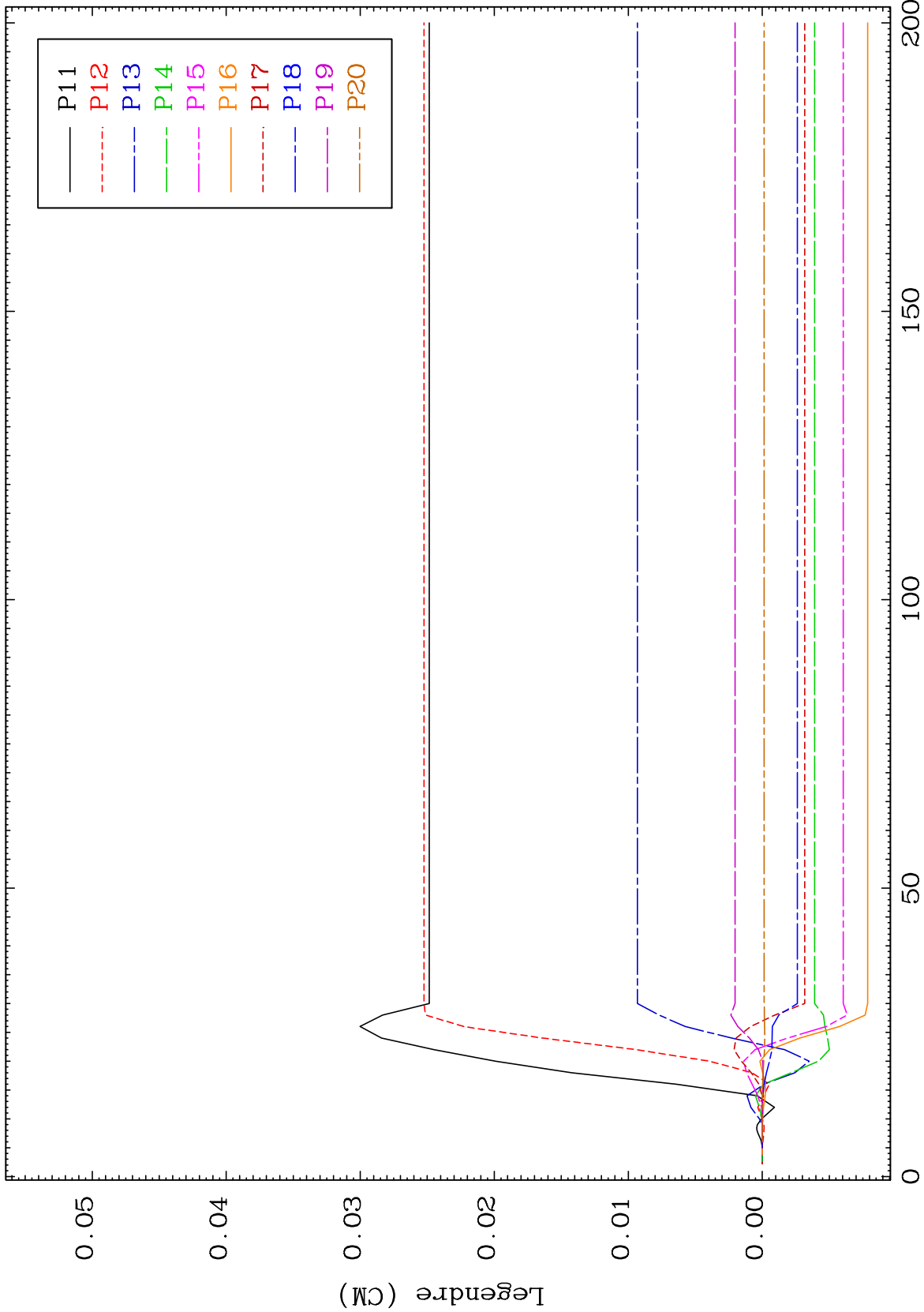
96

79-Au-200

MAT 7934

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

79-Au-200



97

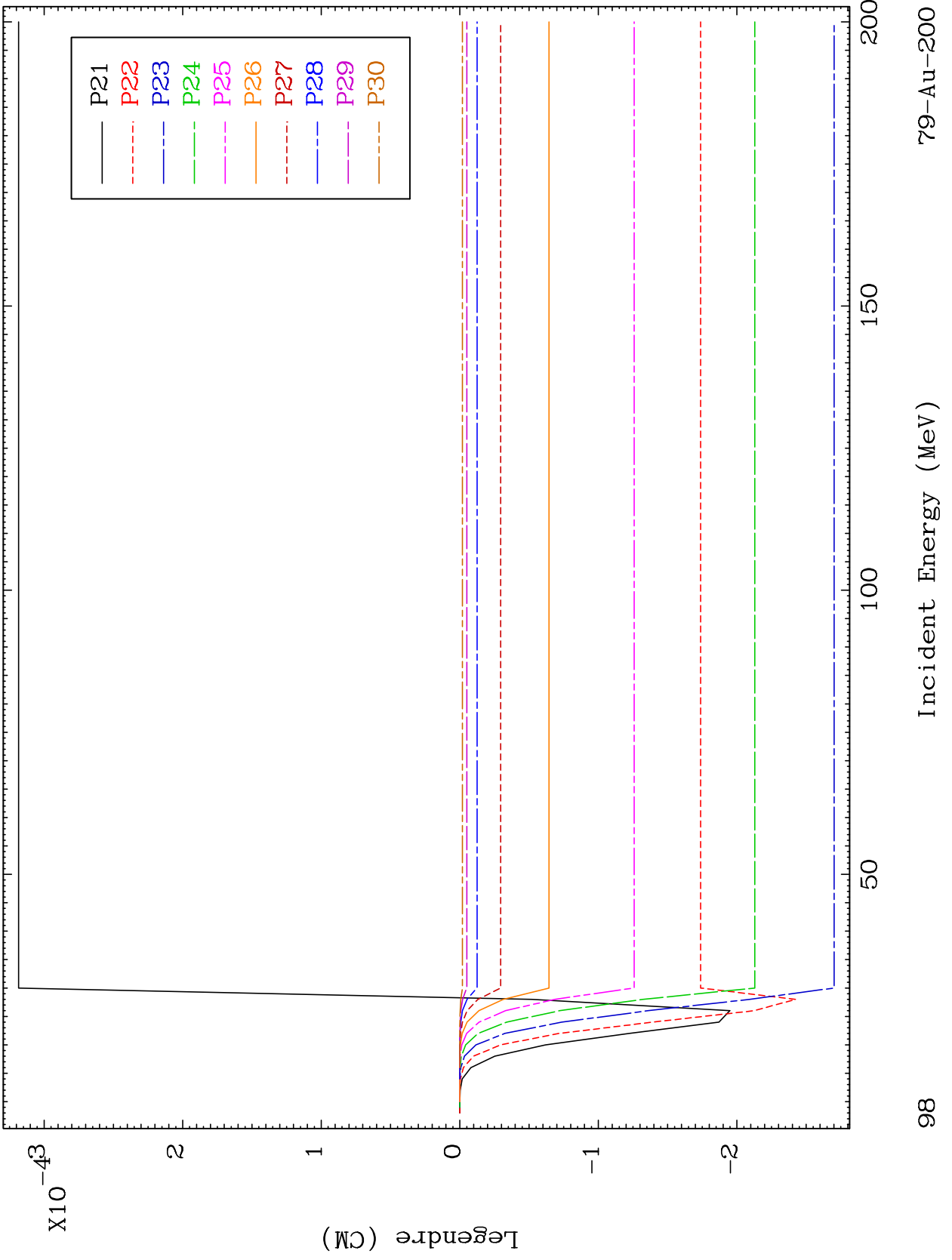
Incident Energy (MeV)

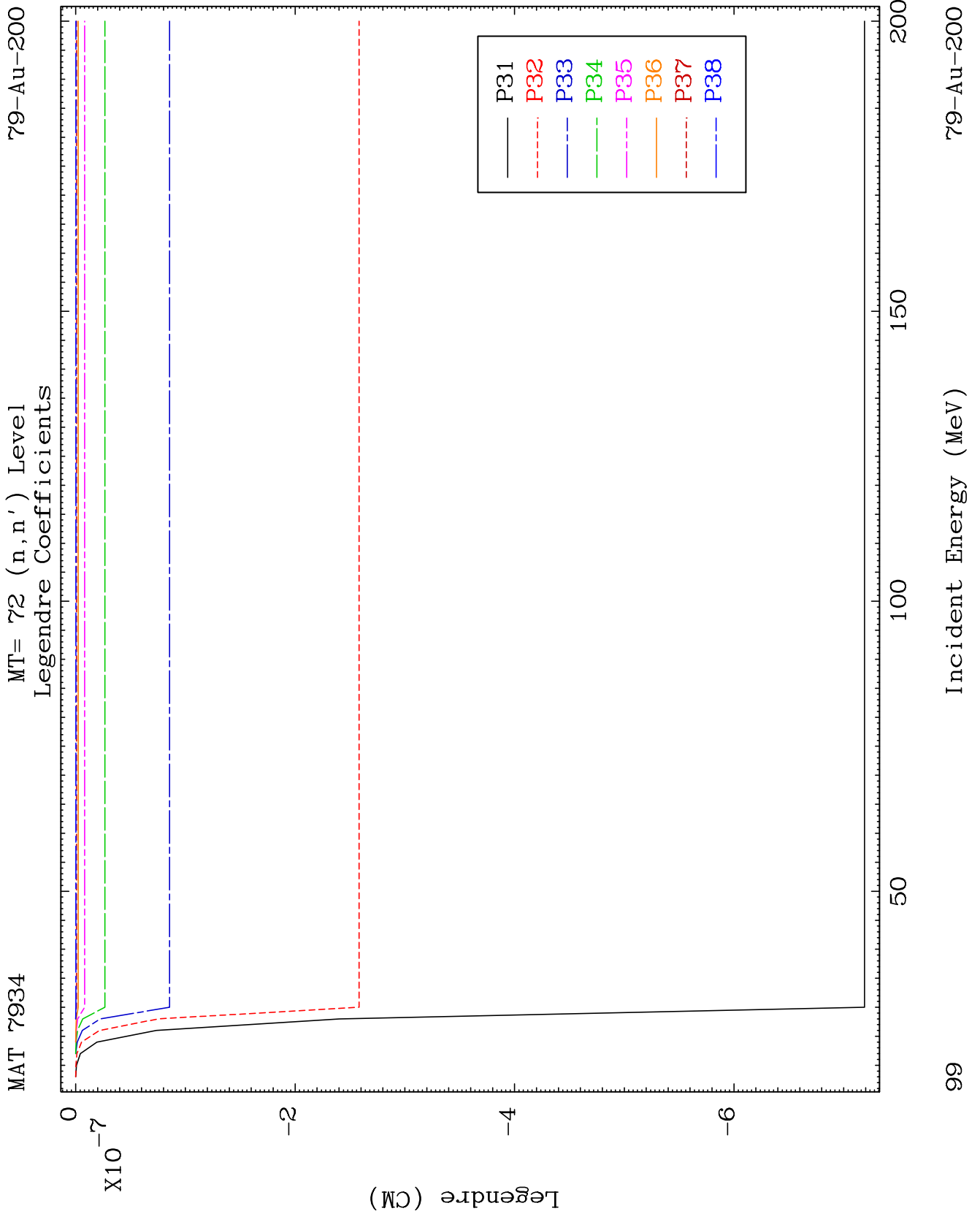
79-Au-200

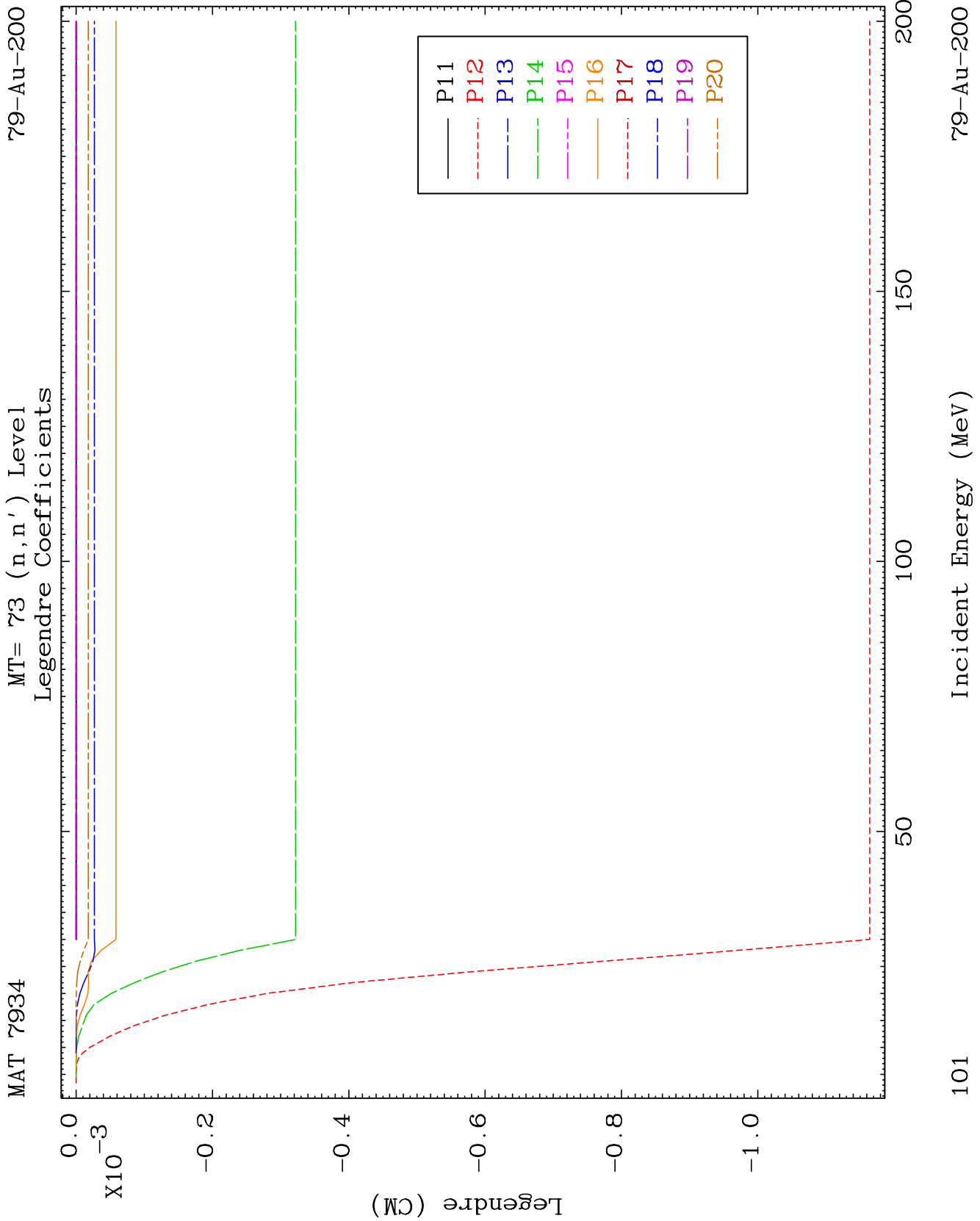
MAT 7934

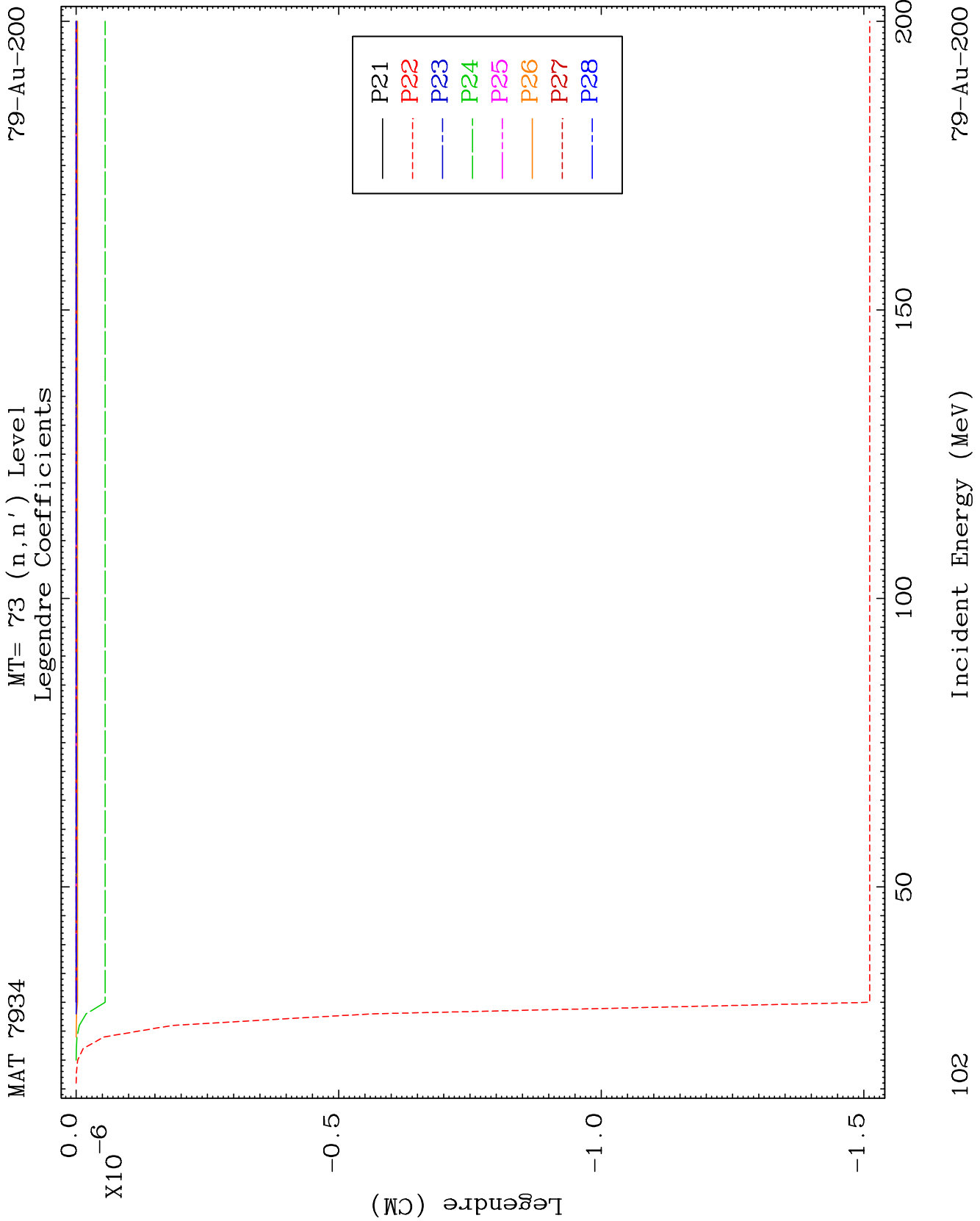
MT= 72 (n,n') Level
Legendre Coefficients

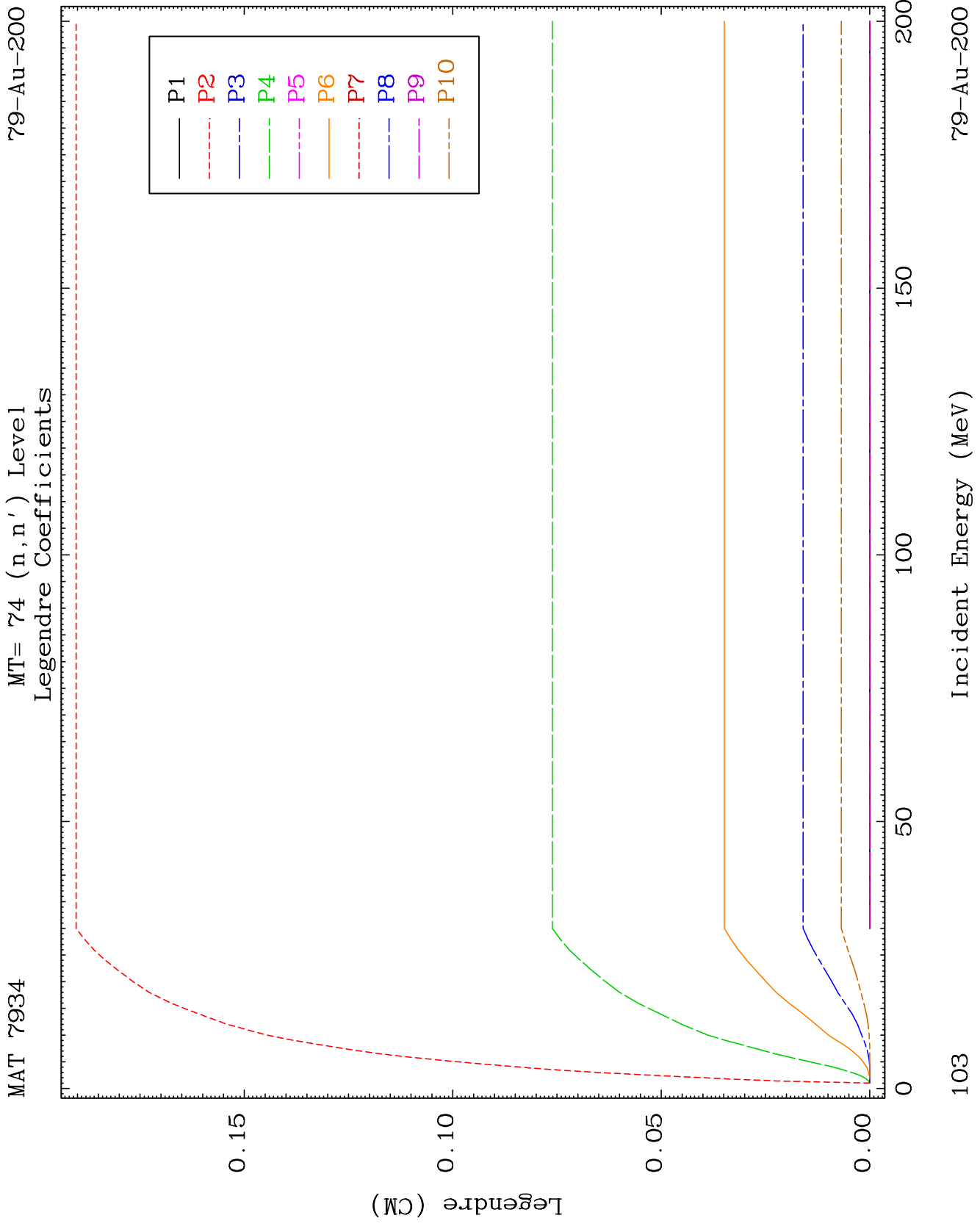
79-Au-200

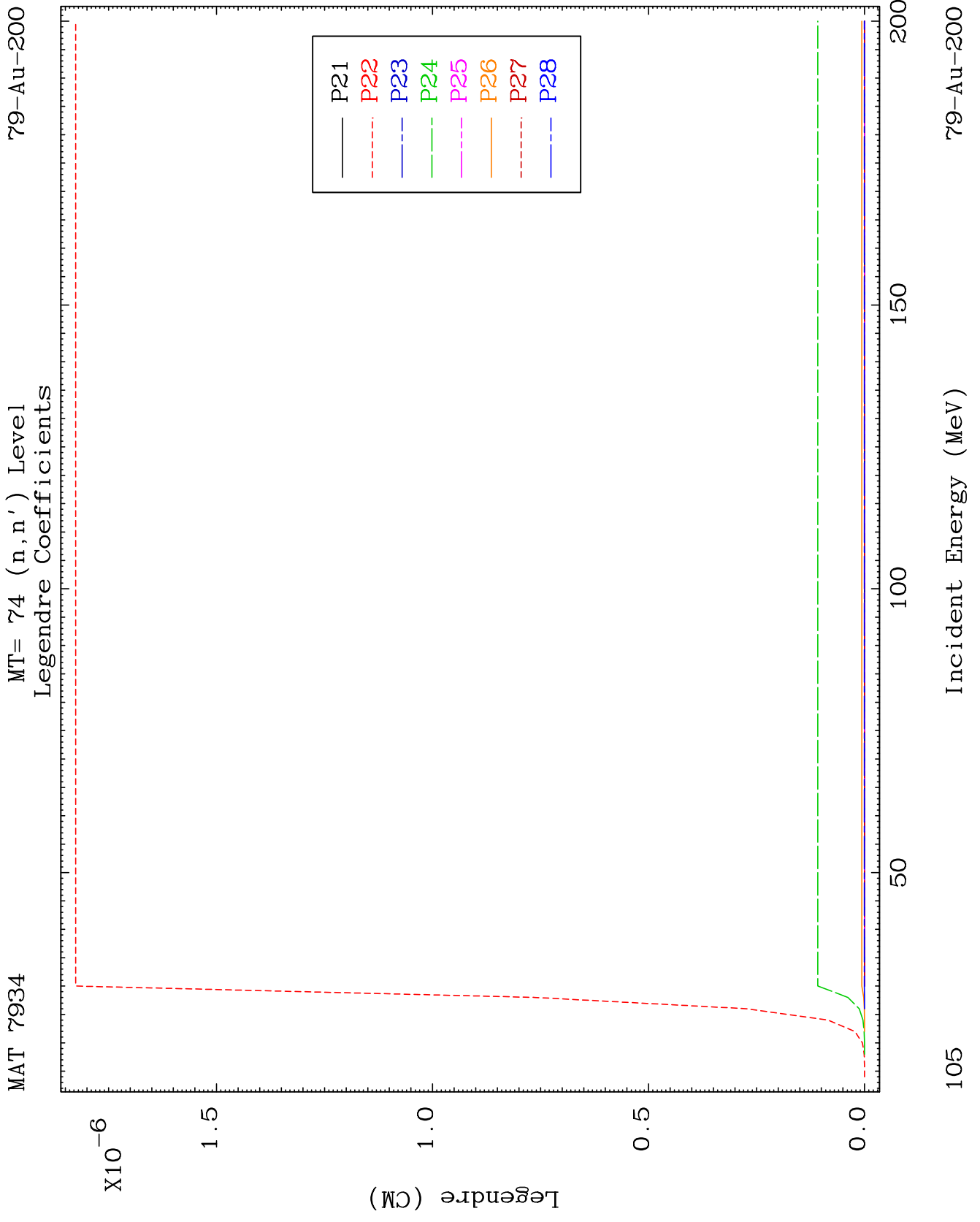








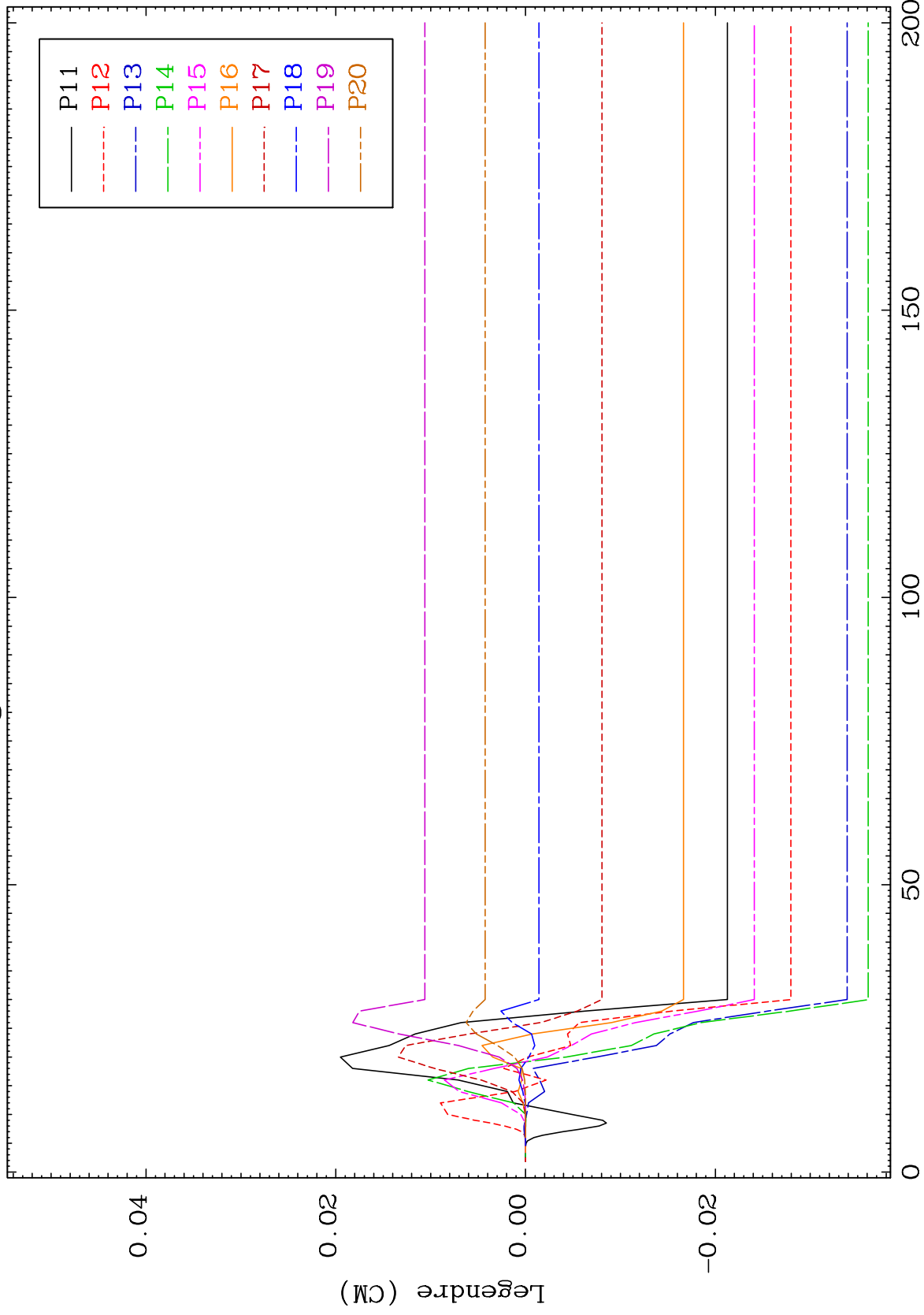




MAT 7934

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

79-Au-200



107

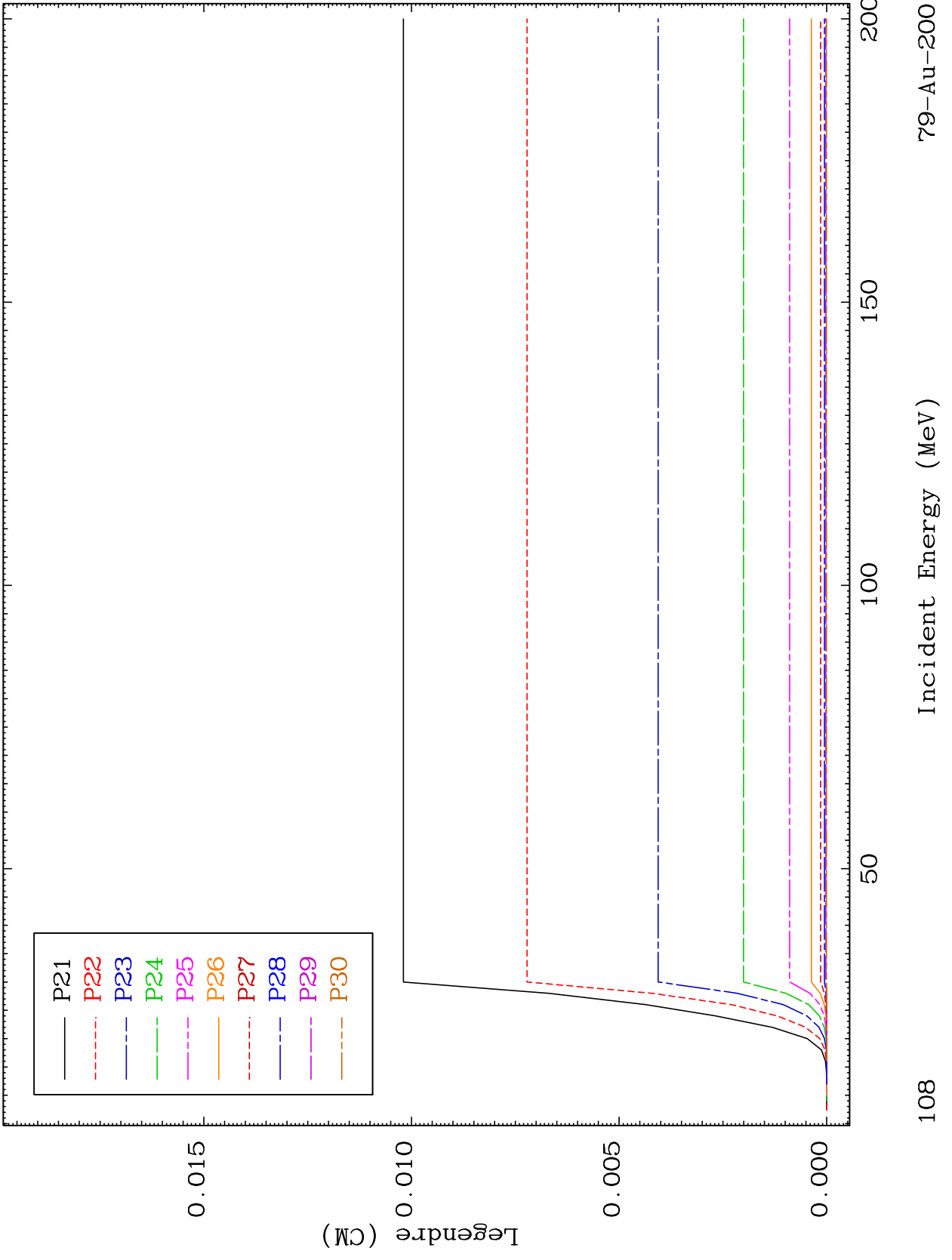
Incident Energy (MeV)

79-Au-200

MAT 7934

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

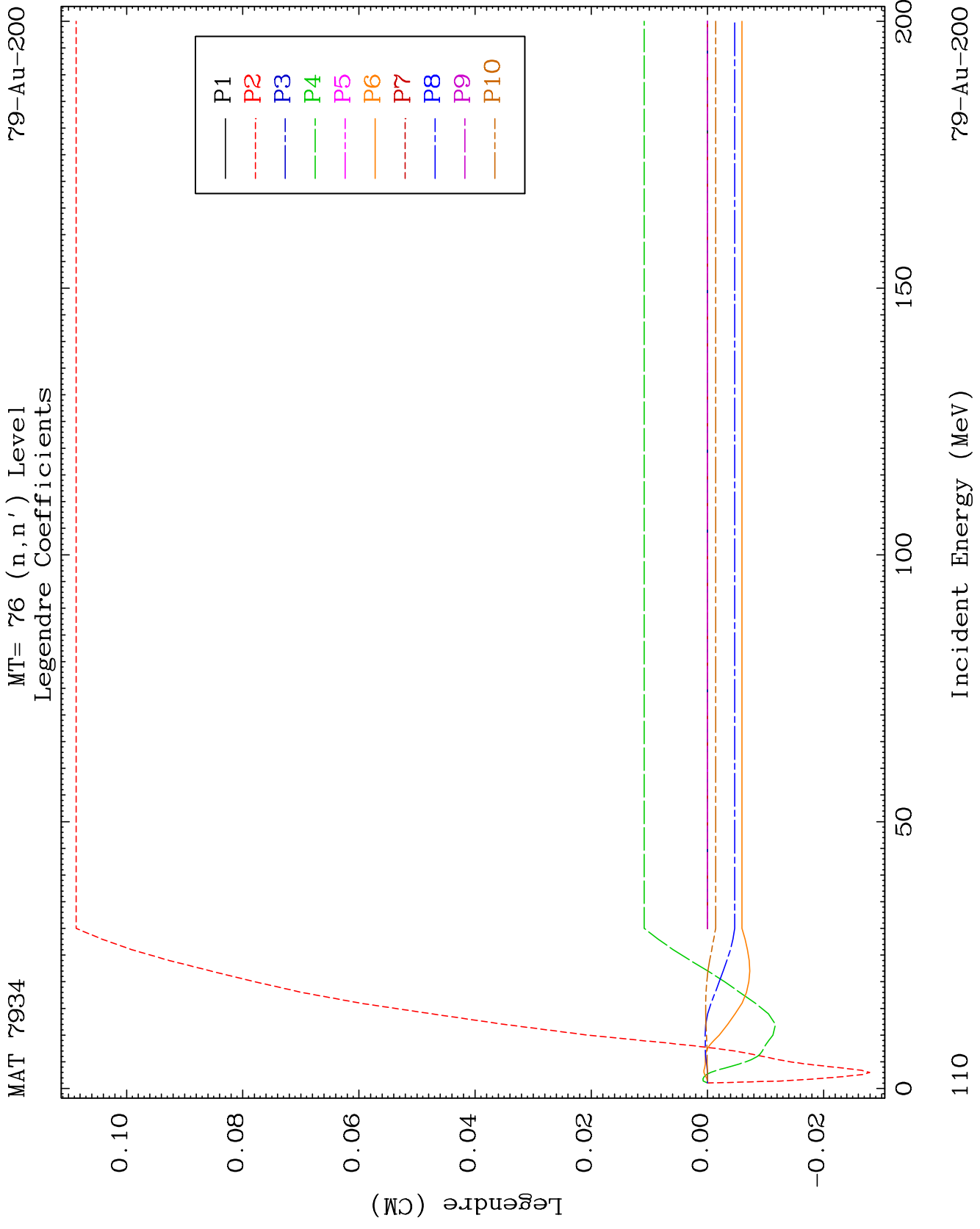
79-Au-200



108

Incident Energy (MeV)

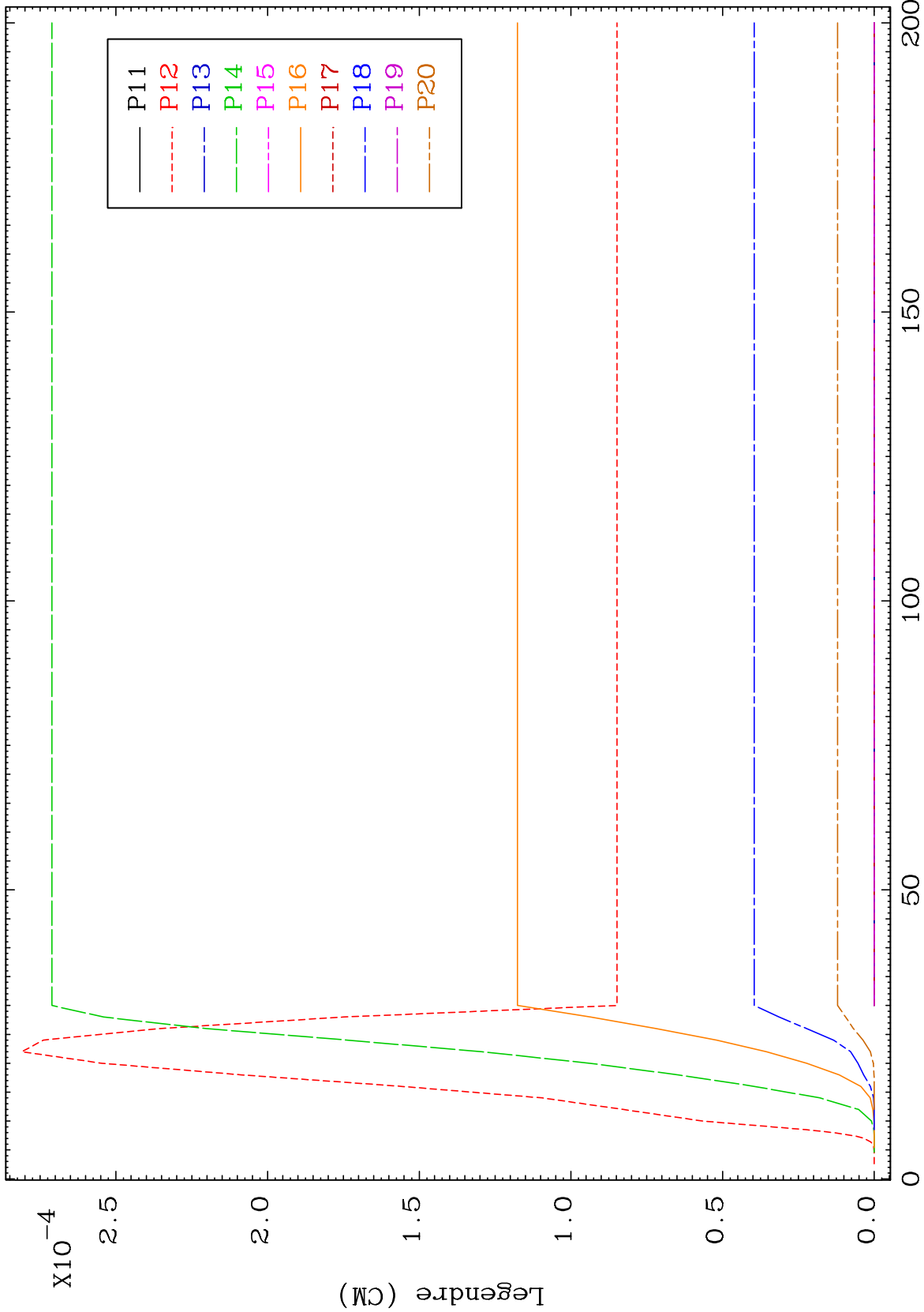
79-Au-200



MAT 7934

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

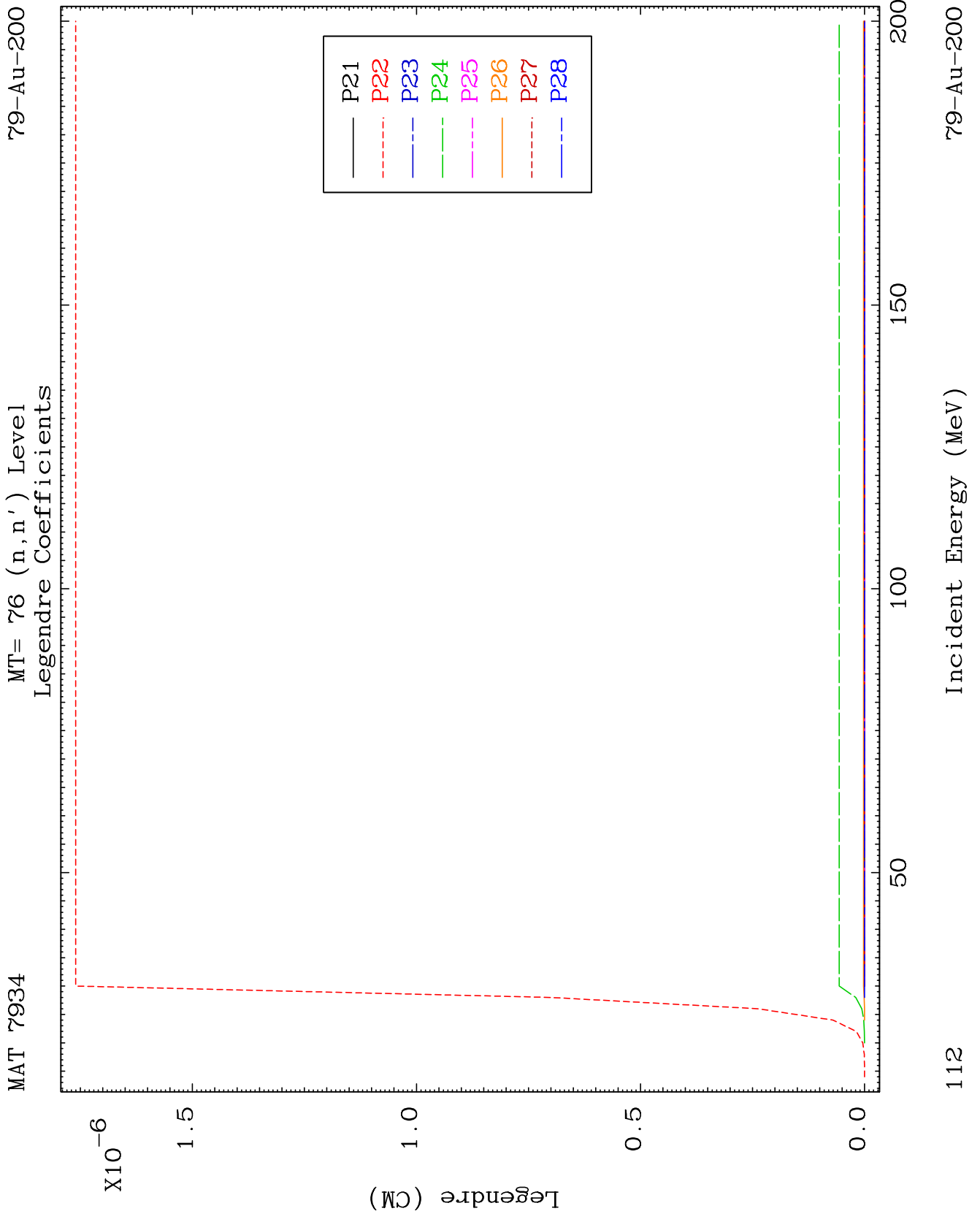
79-Au-200



111

Incident Energy (MeV)

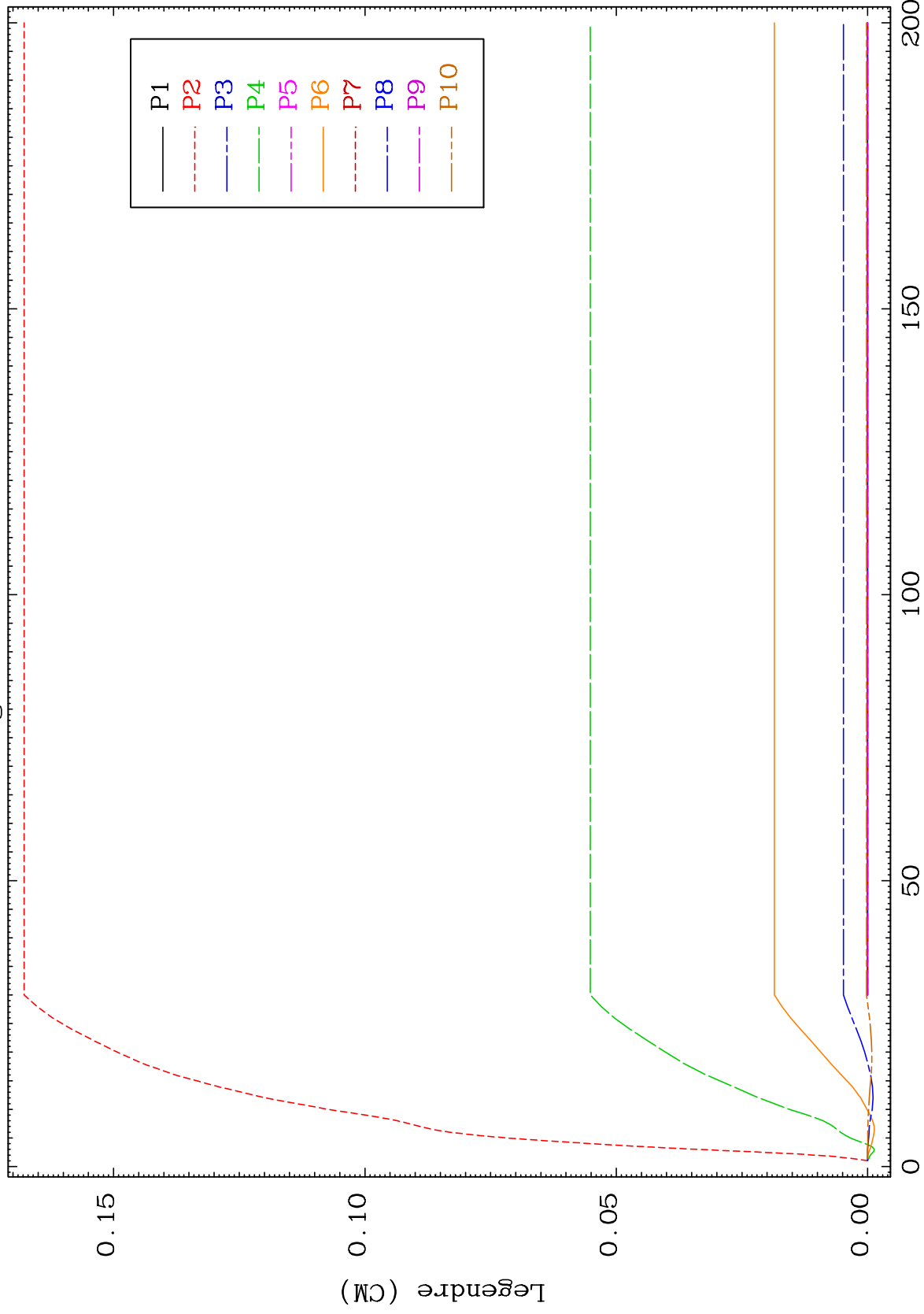
79-Au-200



MAT 7934

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

79-Au-200



113

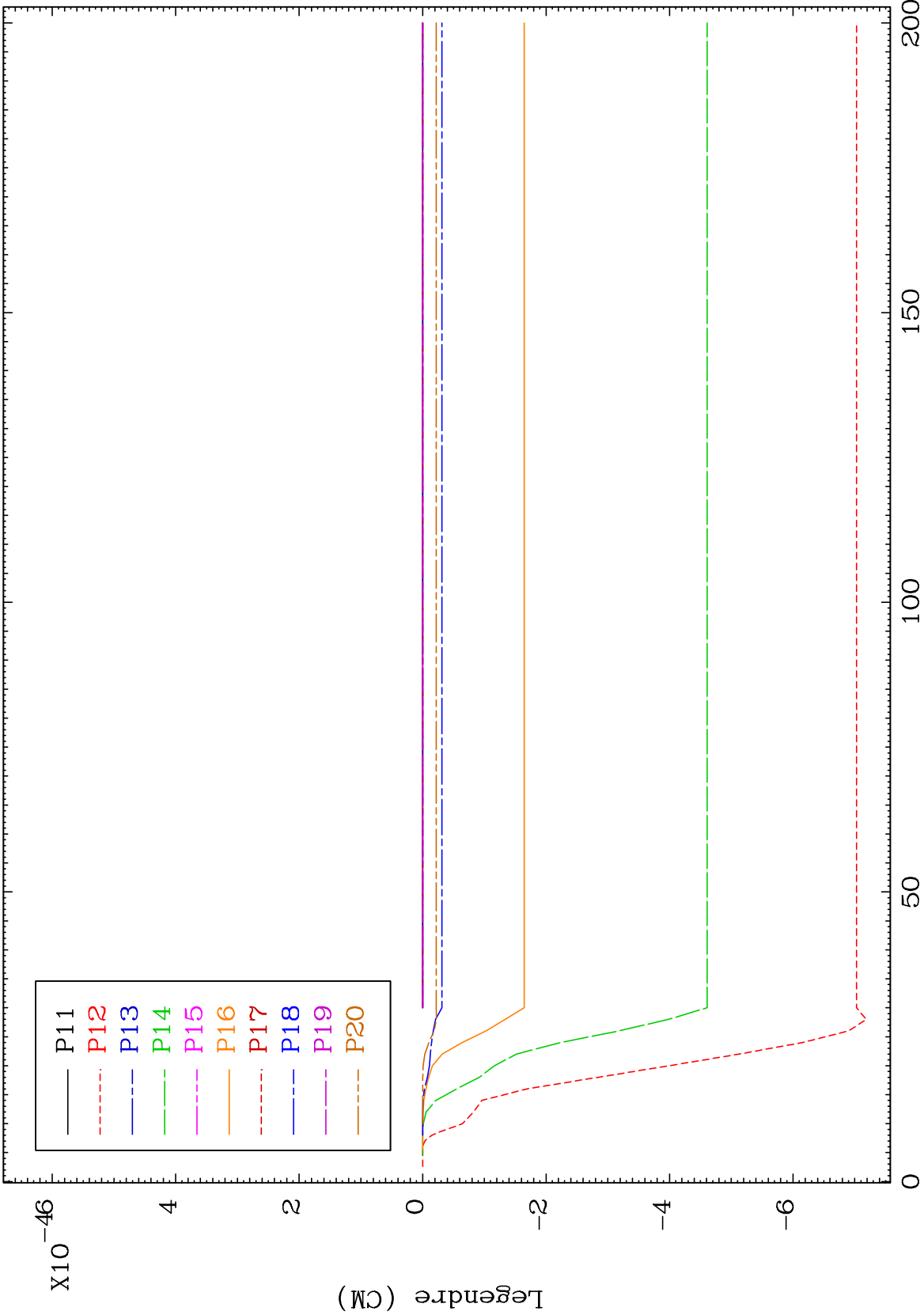
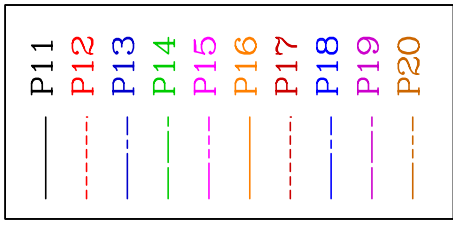
Incident Energy (MeV)

79-Au-200

MAT 7934

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

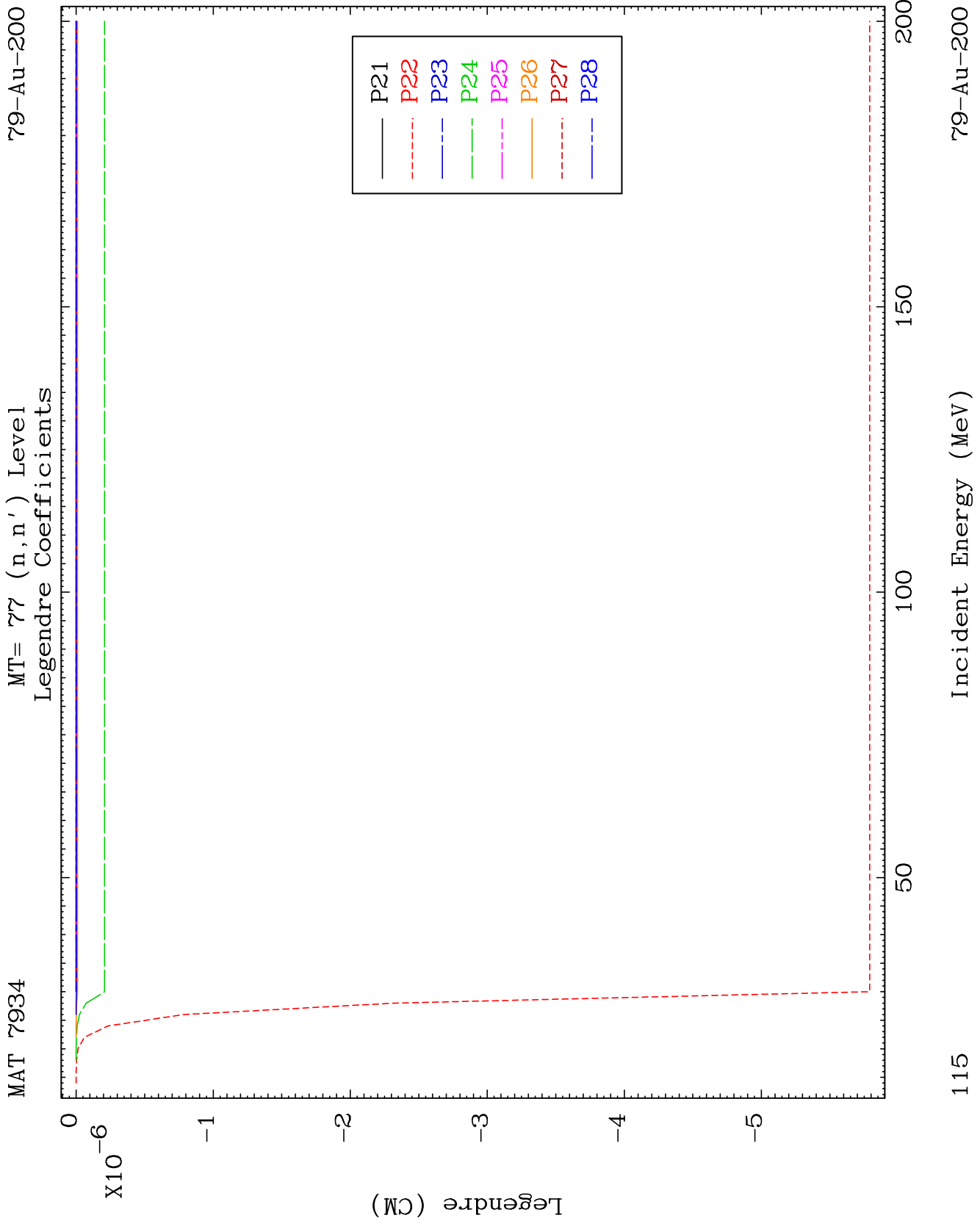
79-Au-200



114

Incident Energy (MeV)

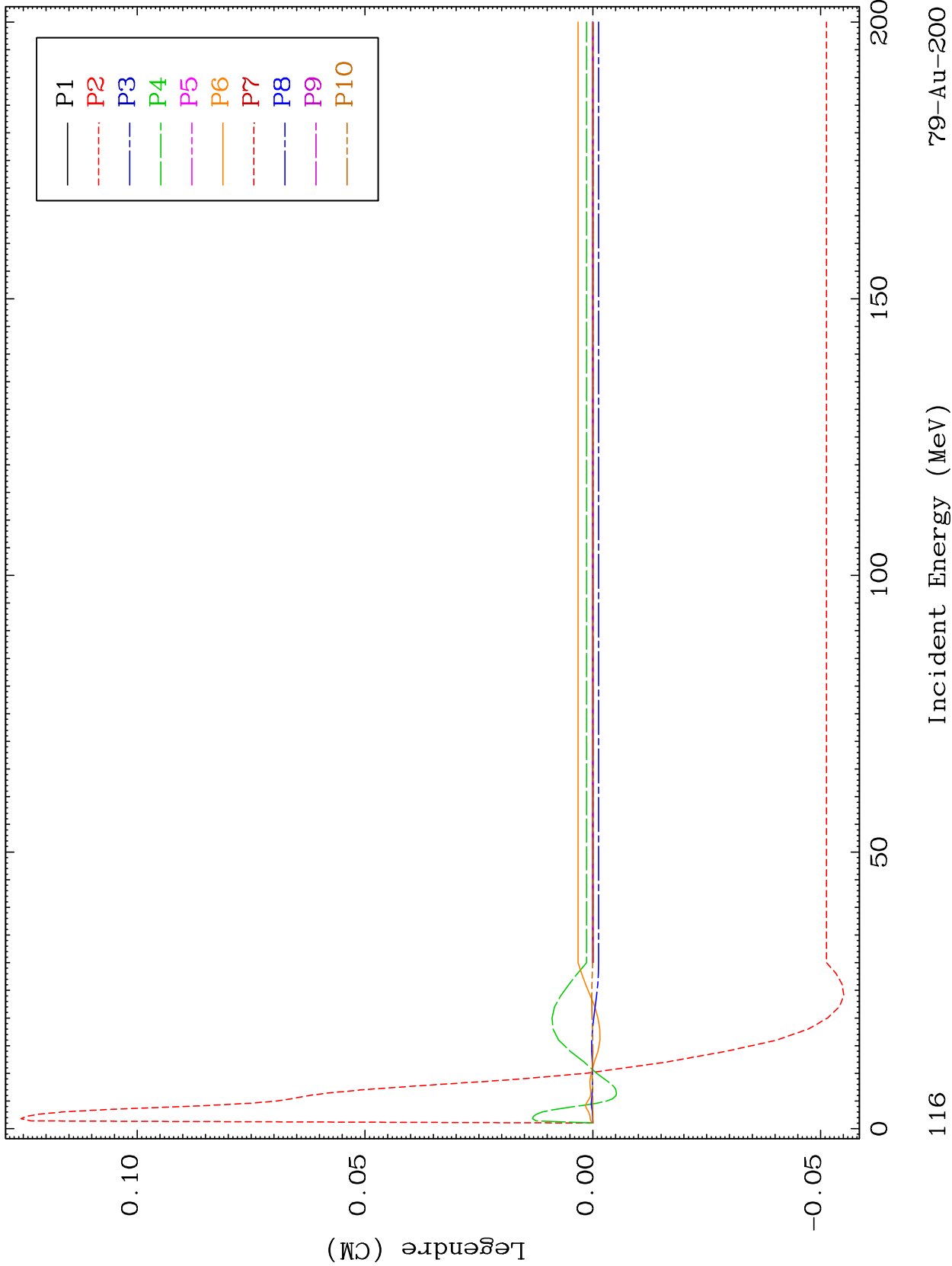
79-Au-200



MAT 7934

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

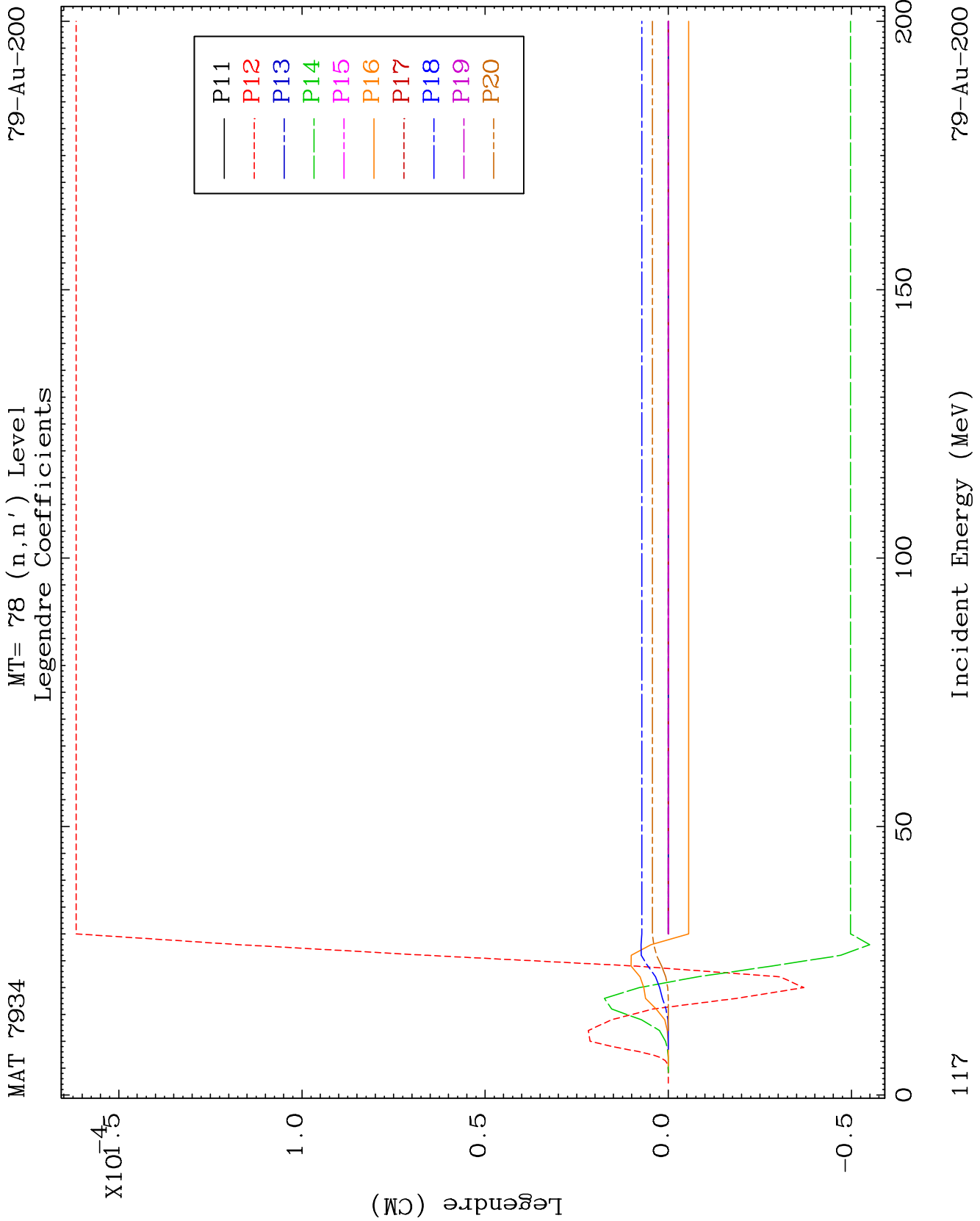
79-Au-200

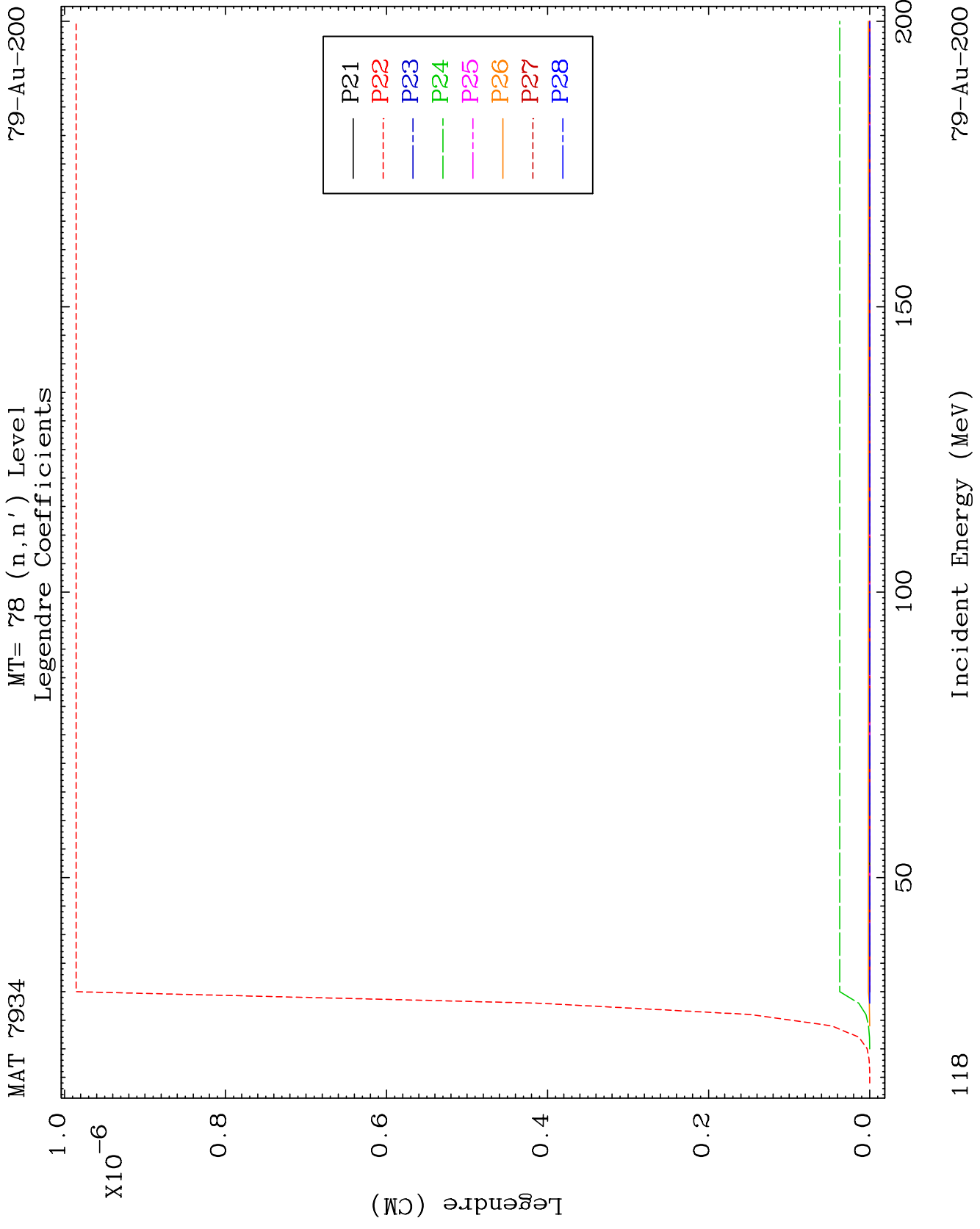


79-Au-200

Incident Energy (MeV)

116

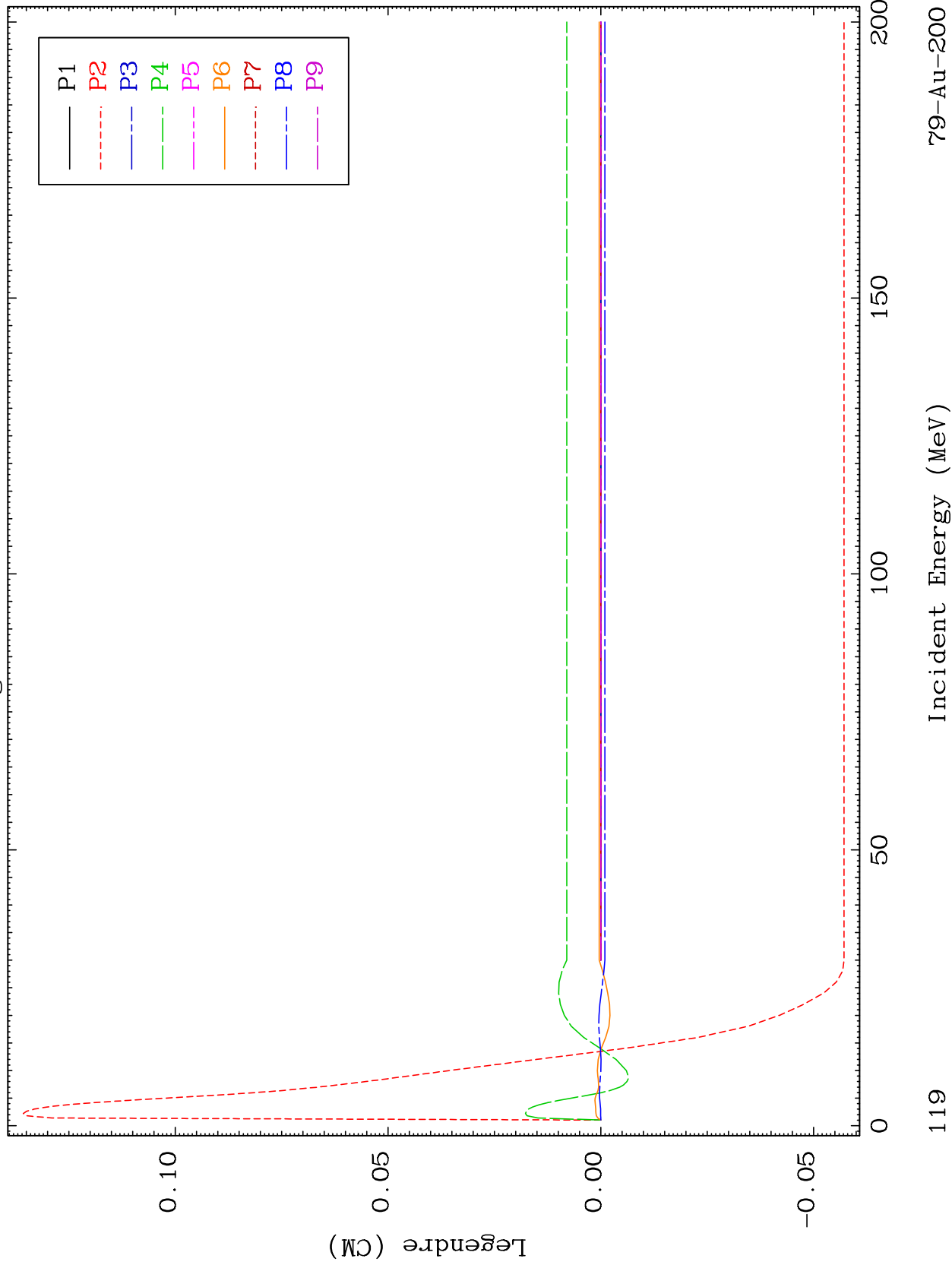


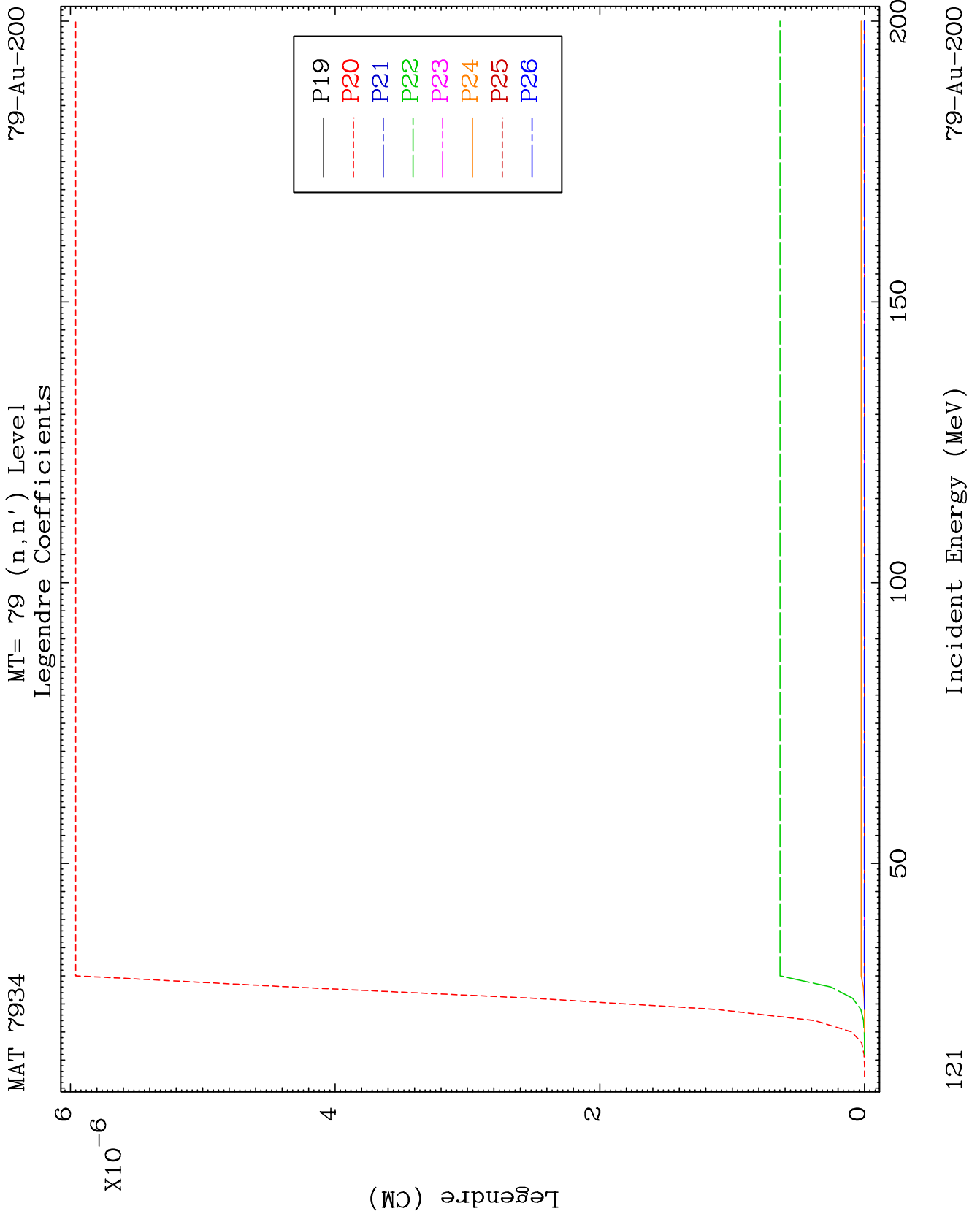


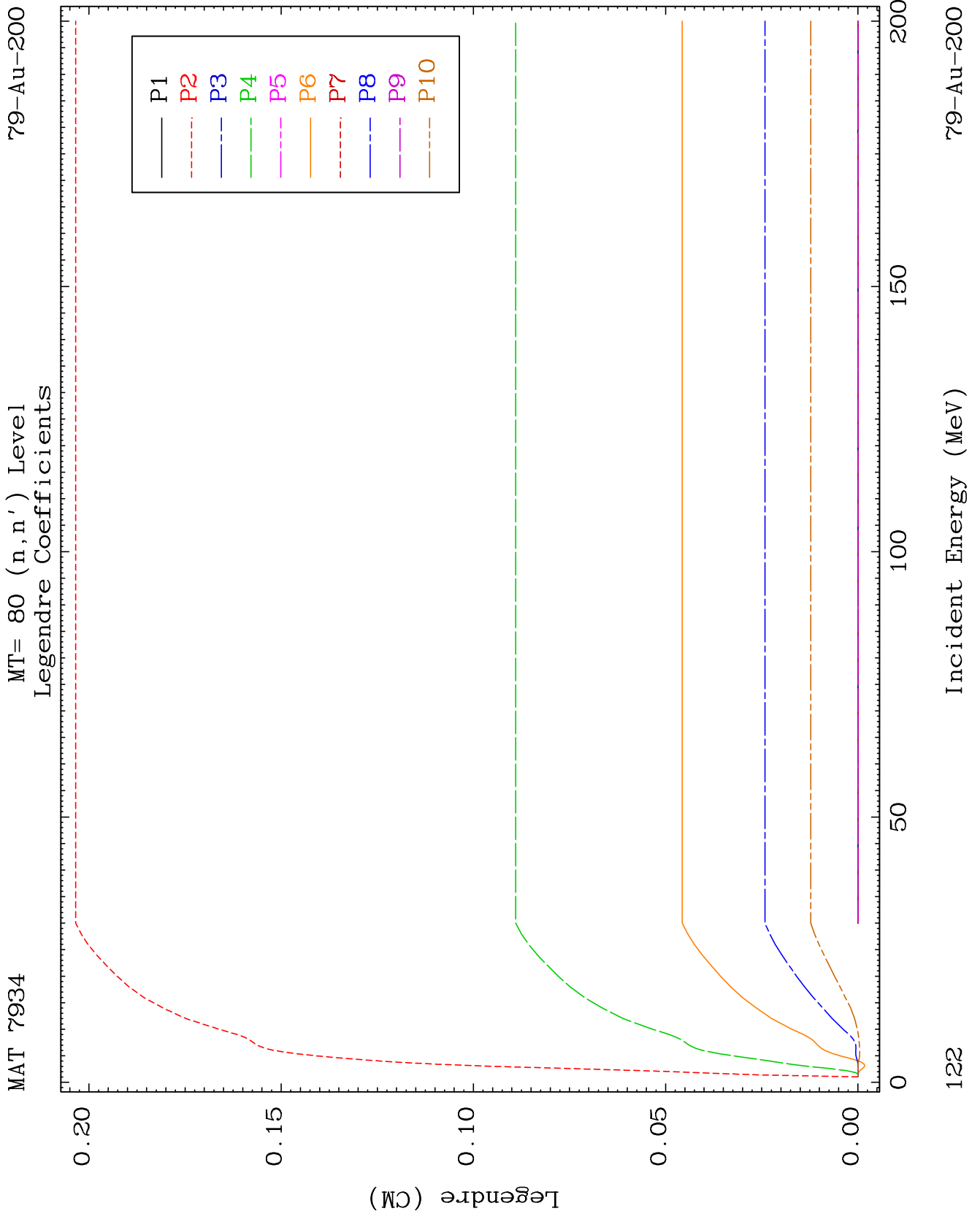
MAT 7934

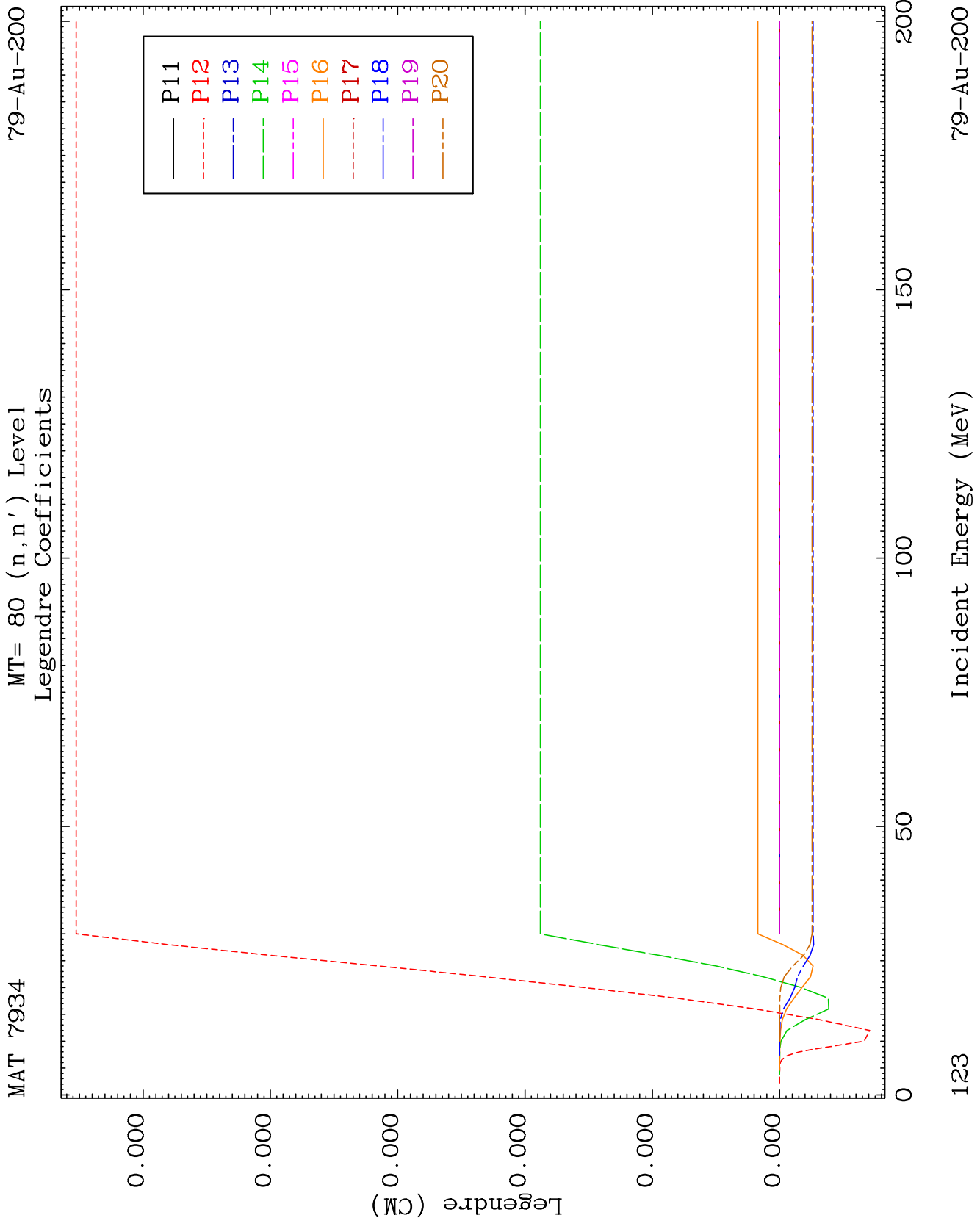
MT= 79 (n,n') Level
Legendre Coefficients

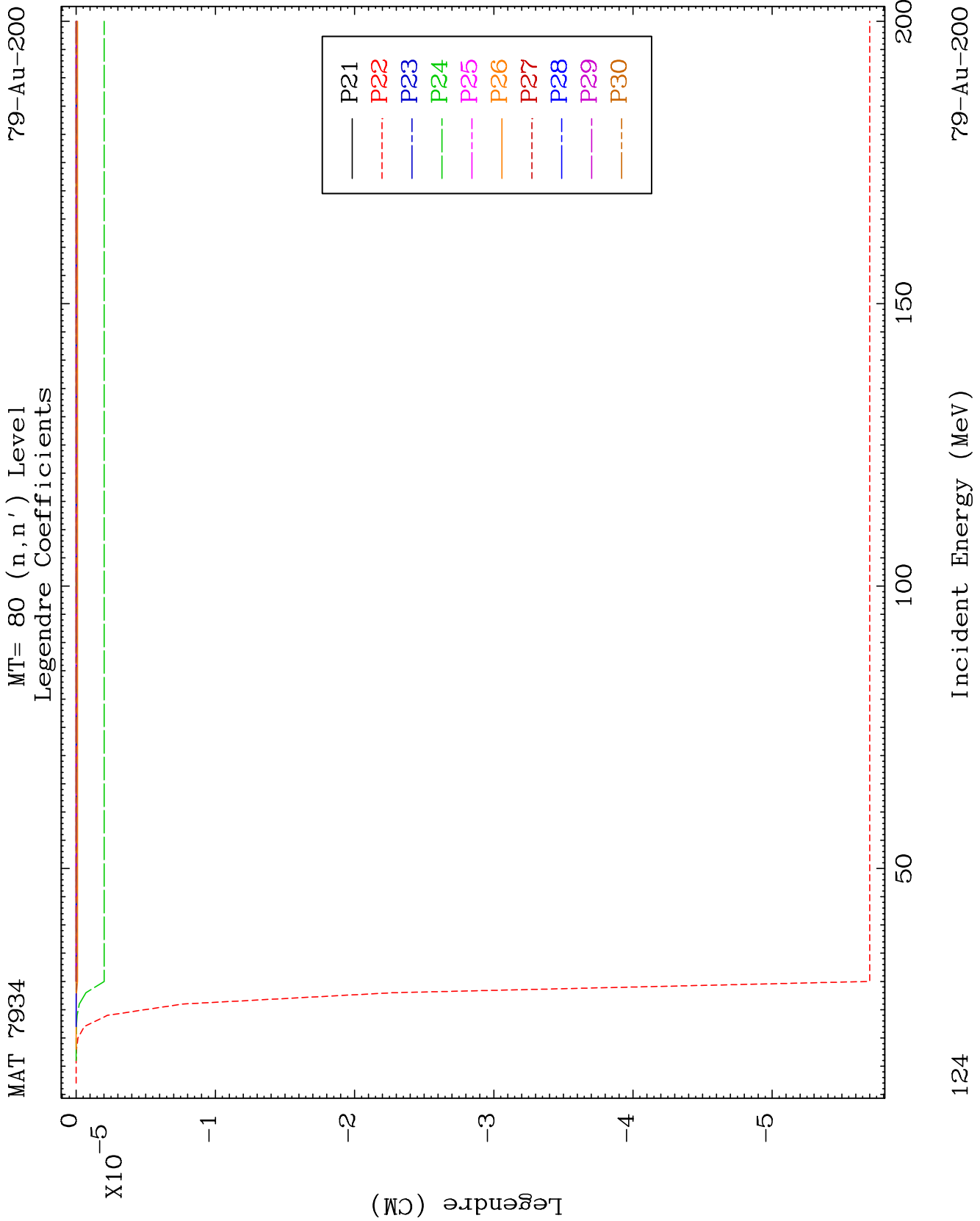
79-Au-200







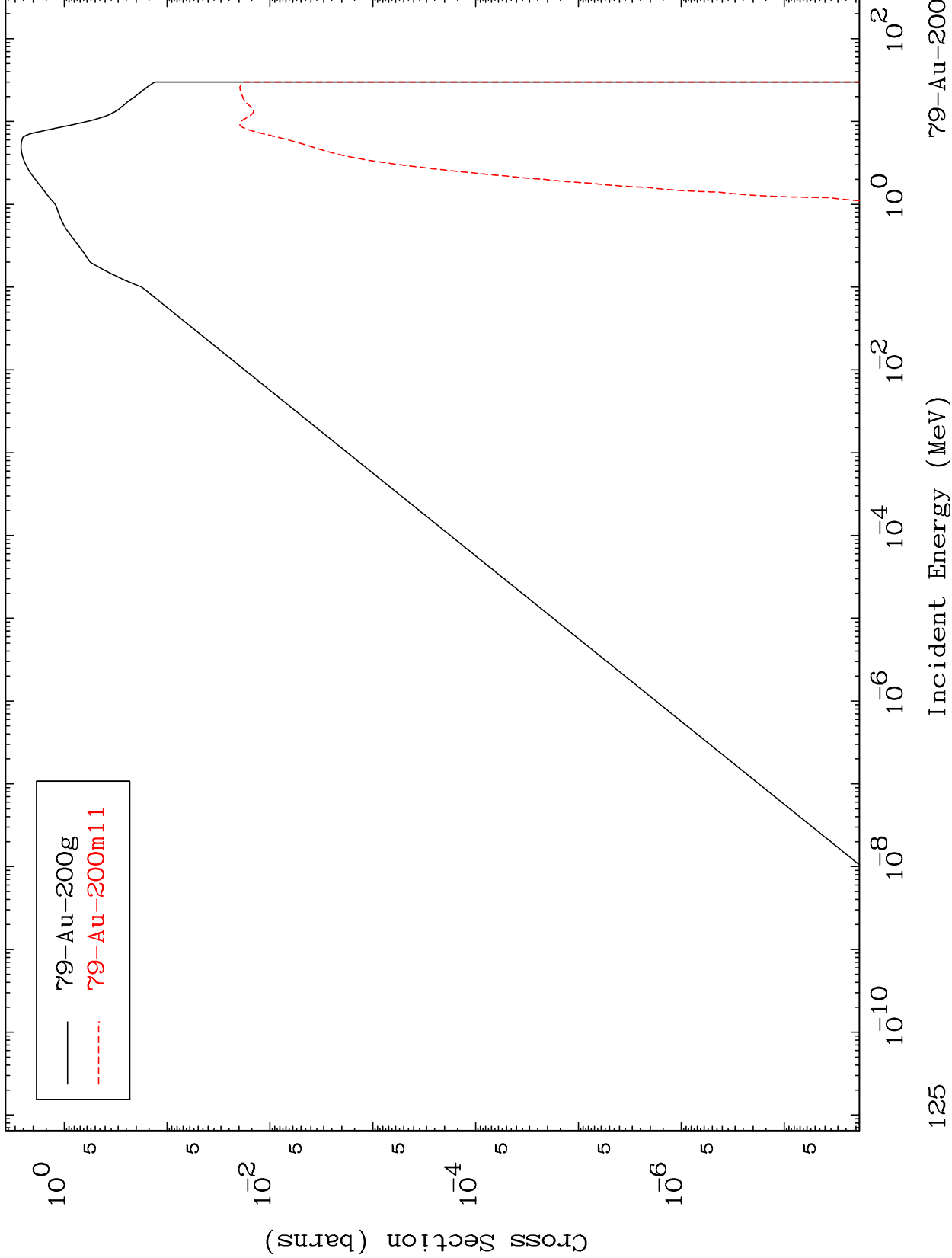




MAT 7934

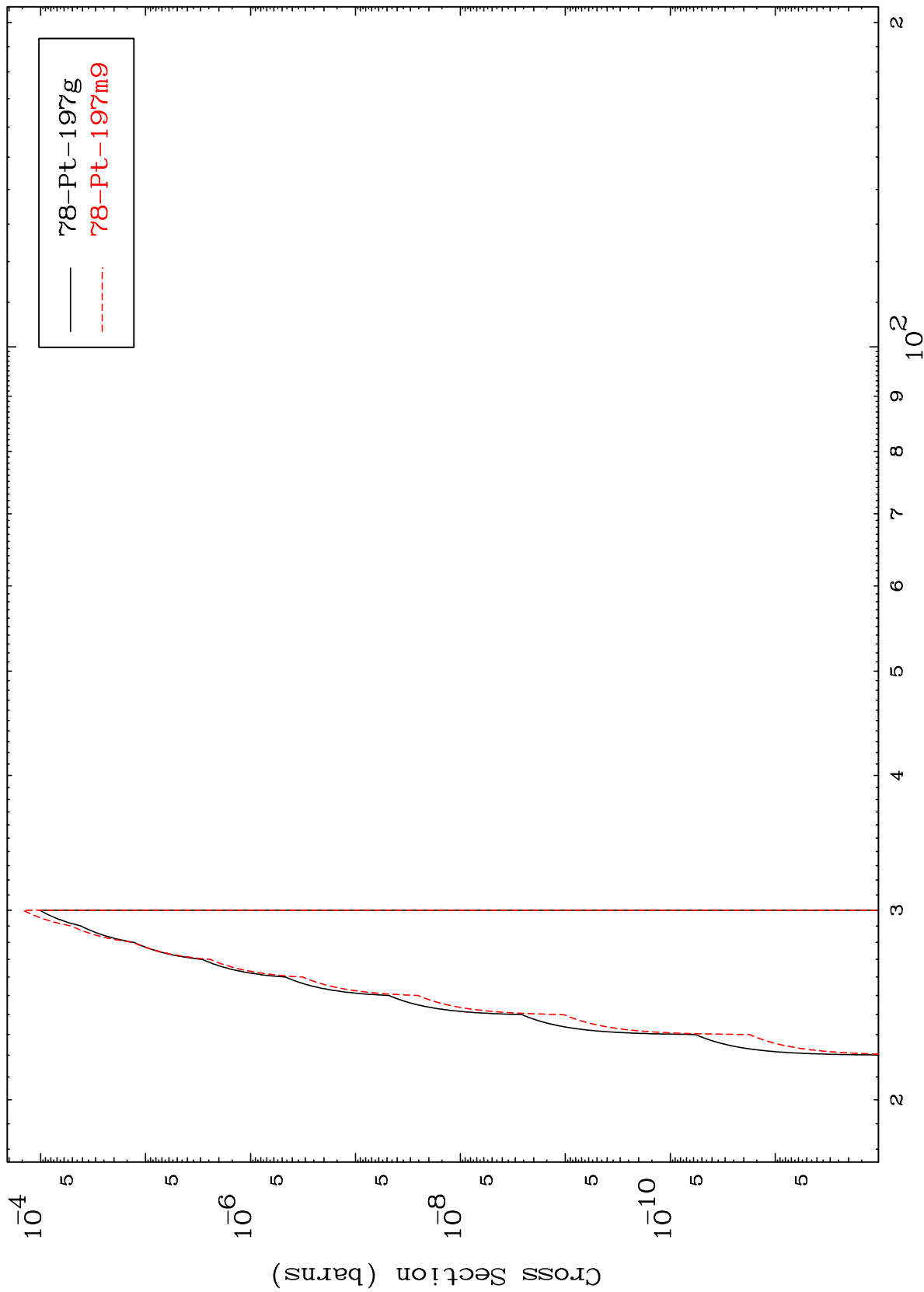
Radionuclide Production Cross Section

79-Au-200



125

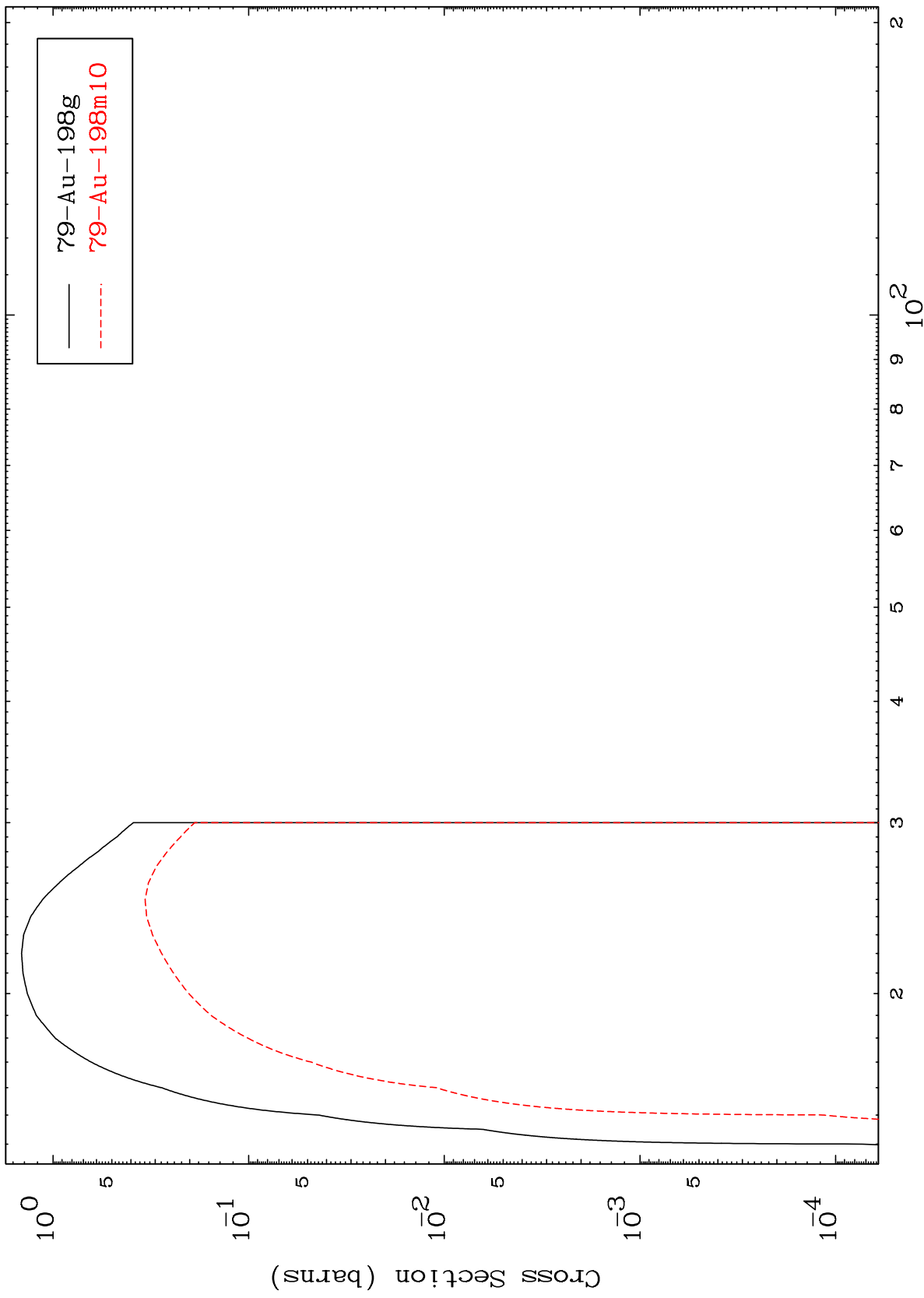
Radionuclide Production Cross Section



MAT 7934

79-Au-200

(n,3n)
Radionuclide Production Cross Section



127

Incident Energy (MeV)

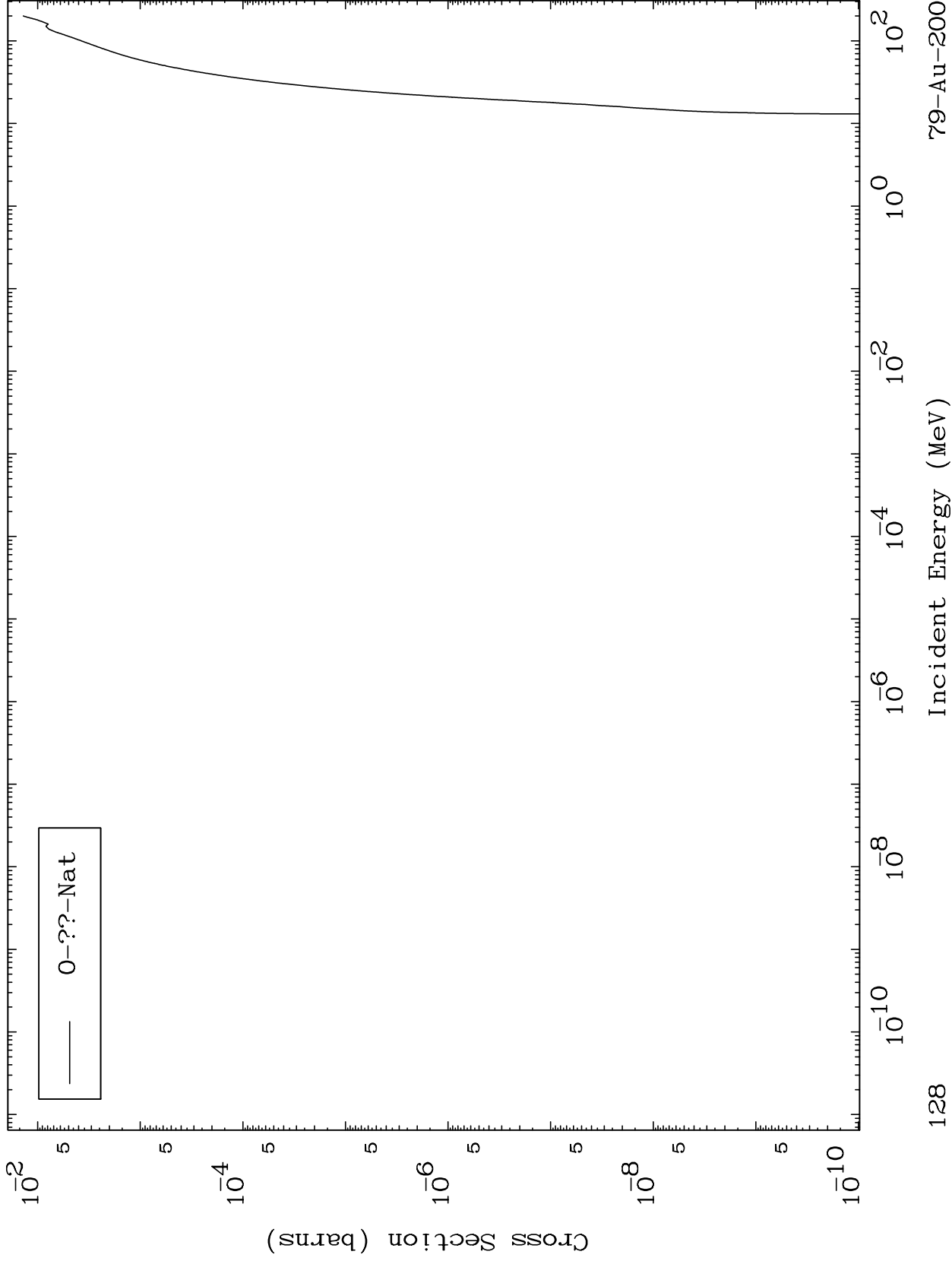
79-Au-200

MAT 7934

Fission

⁷⁹Au-200

Radionuclide Production Cross Section

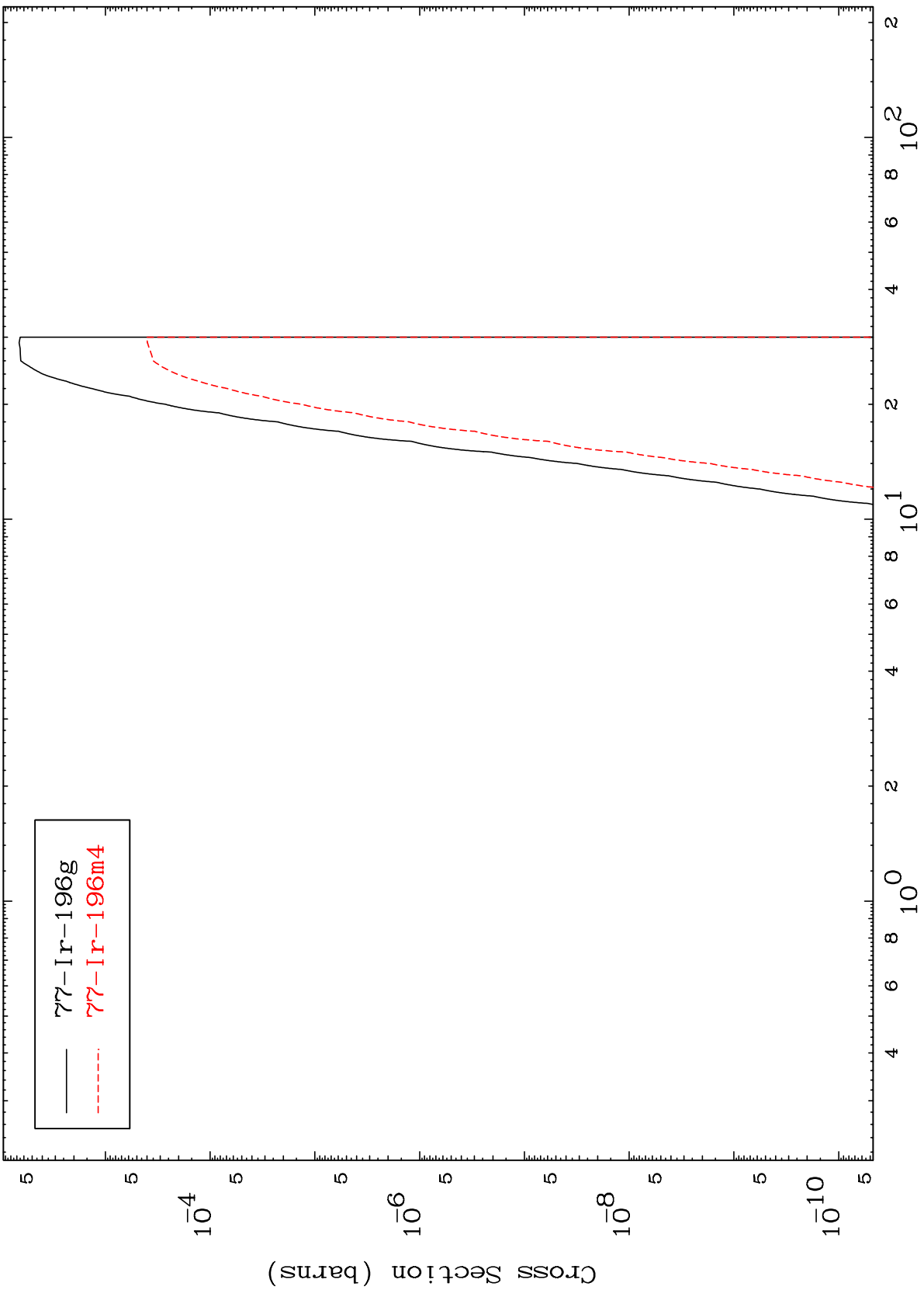


MAT 7934

$(n, n') \alpha$

79-Au-200

Radionuclide Production Cross Section



129

Incident Energy (MeV)

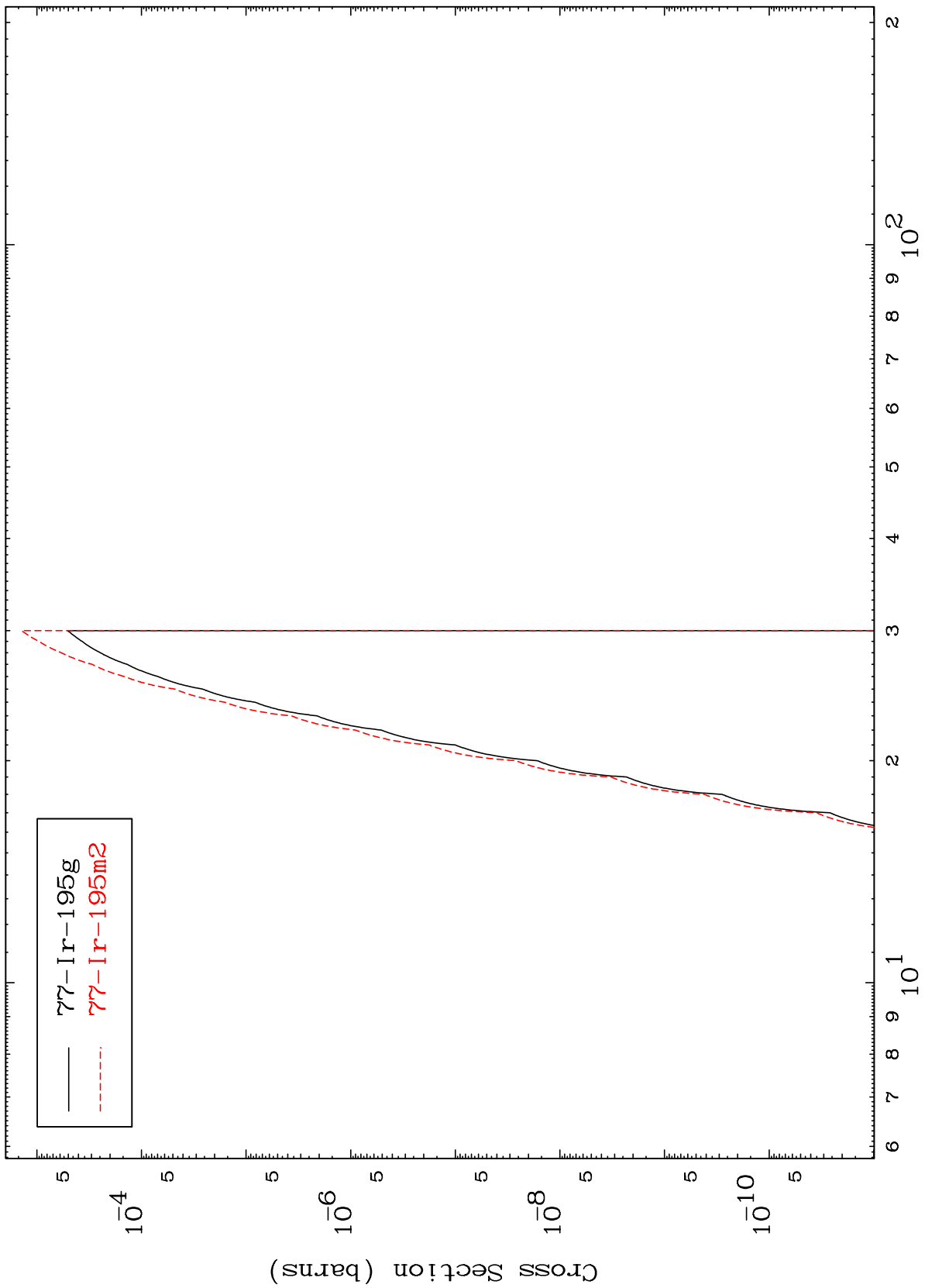
79-Au-200

MAT 7934

$(n,2n) \alpha$

79-Au-200

Radionuclide Production Cross Section



— 77-Ir-195g
- - - 77-Ir-195m2

130

Incident Energy (MeV)

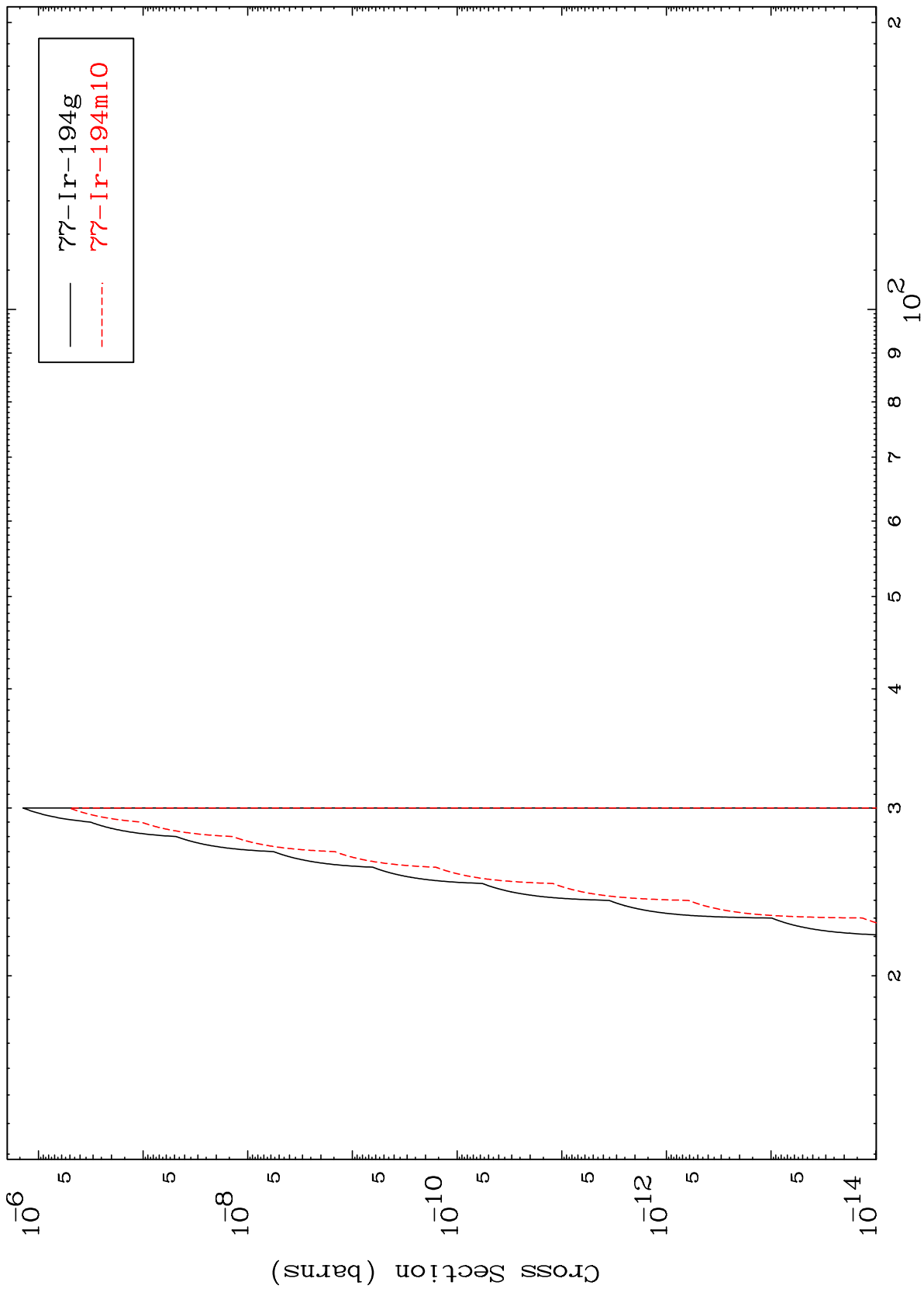
79-Au-200

MAT 7934

(n,3n) α

79-Au-200

Radionuclide Production Cross Section



131

Incident Energy (MeV)

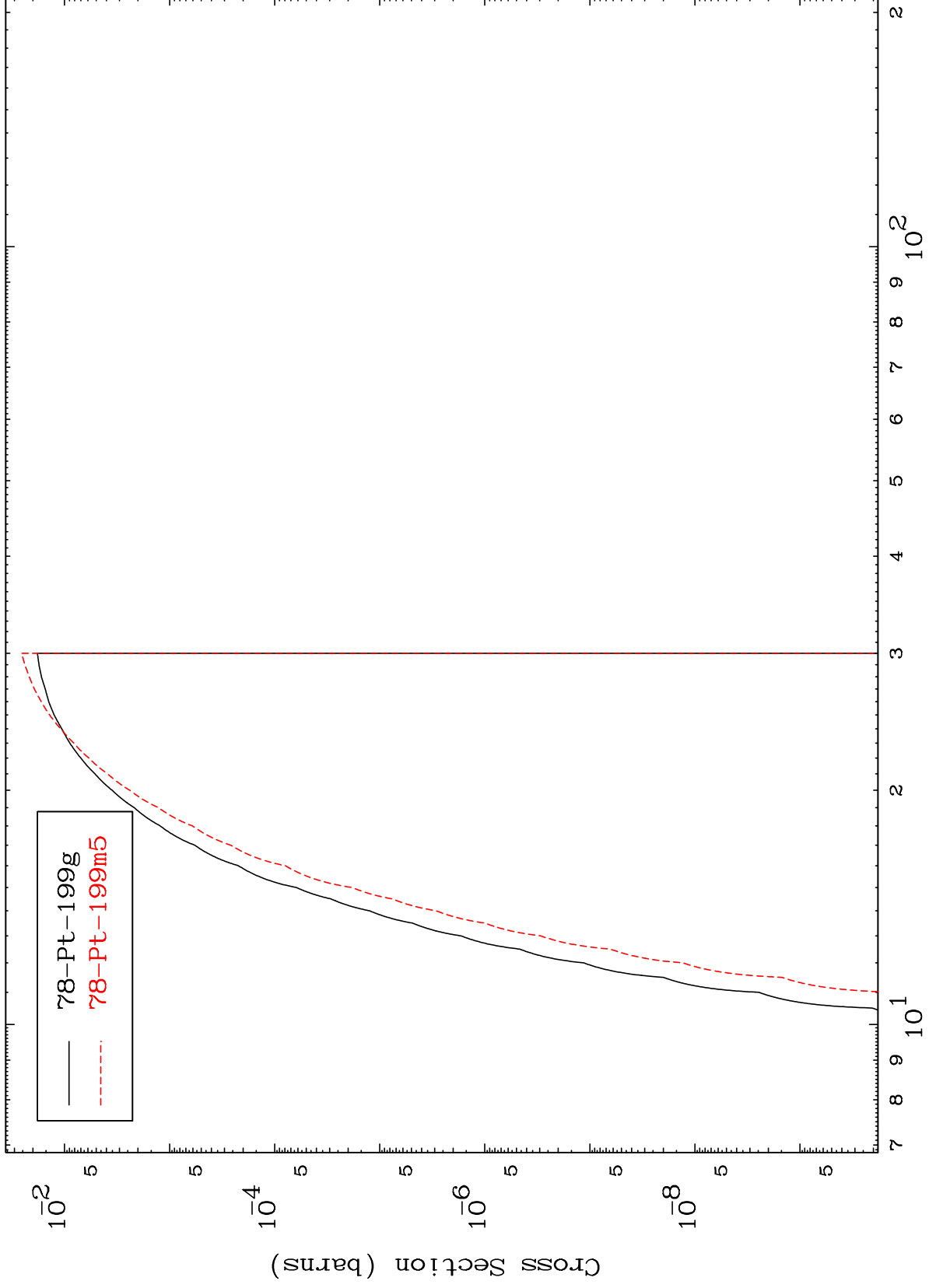
79-Au-200

MAT 7934

(n,n') p

79-Au-200

Radionuclide Production Cross Section



78-Pt-199g
78-Pt-199m5

132

Incident Energy (MeV)

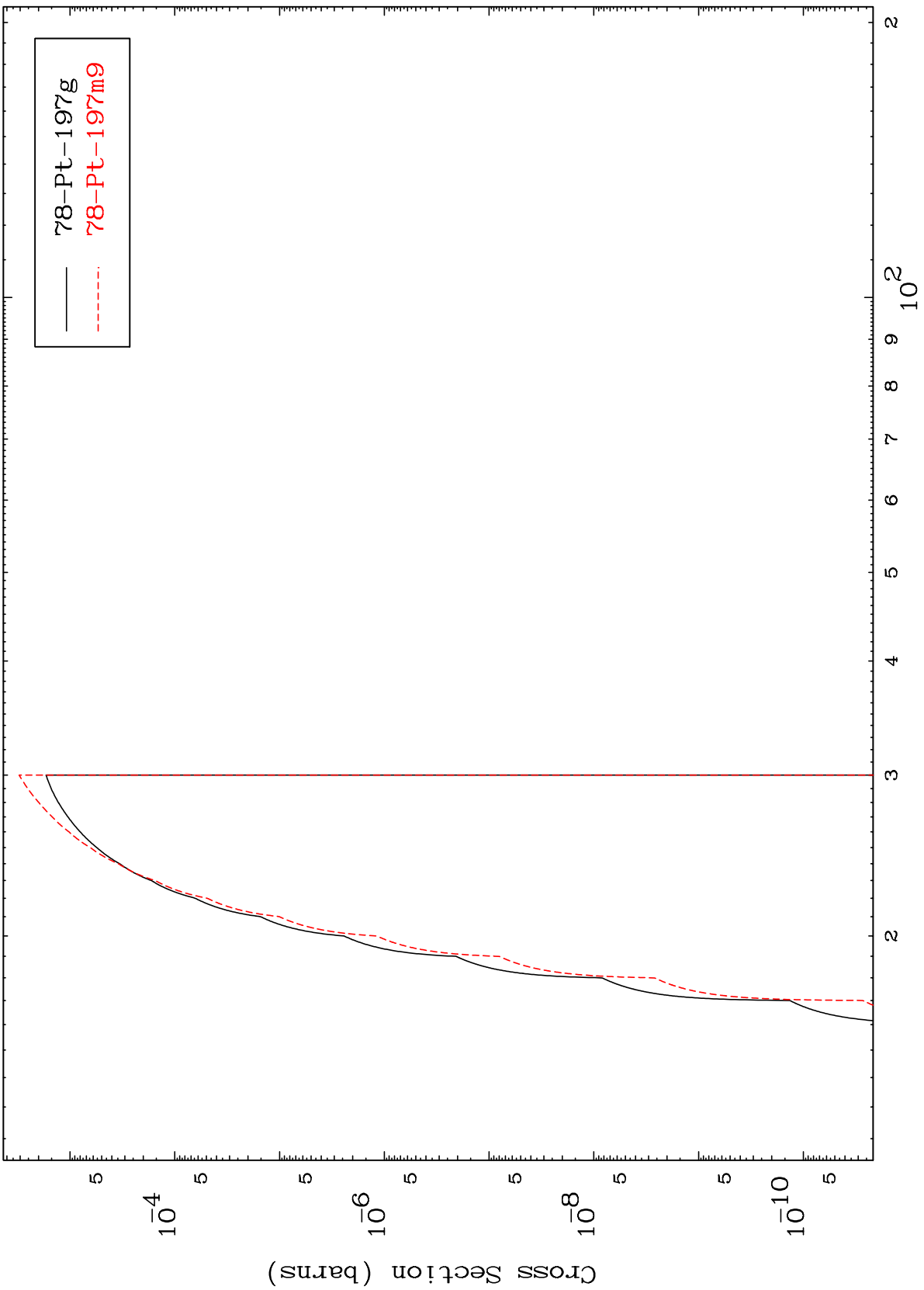
79-Au-200

MAT 7934

(n,n') t

79-Au-200

Radionuclide Production Cross Section

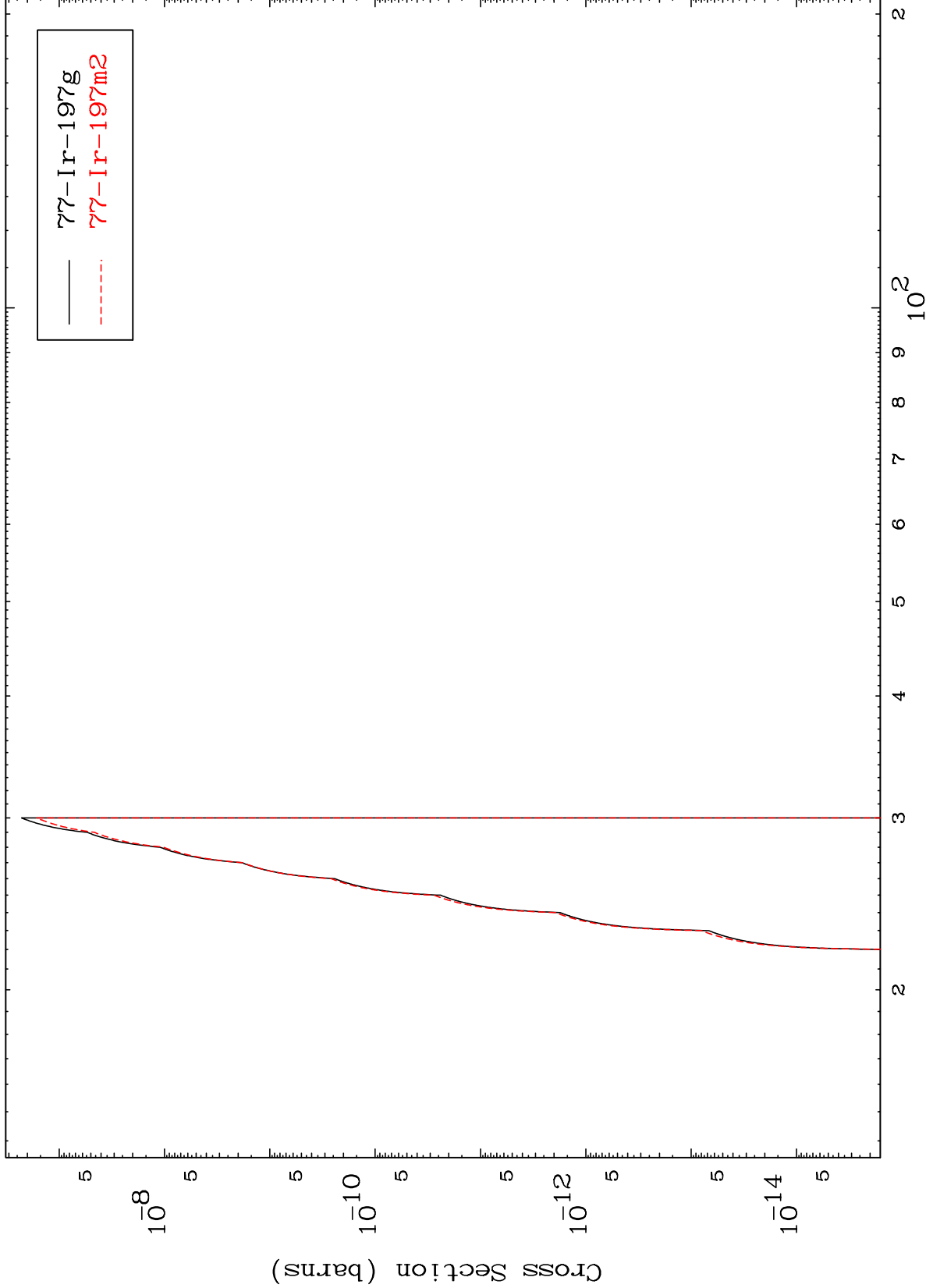


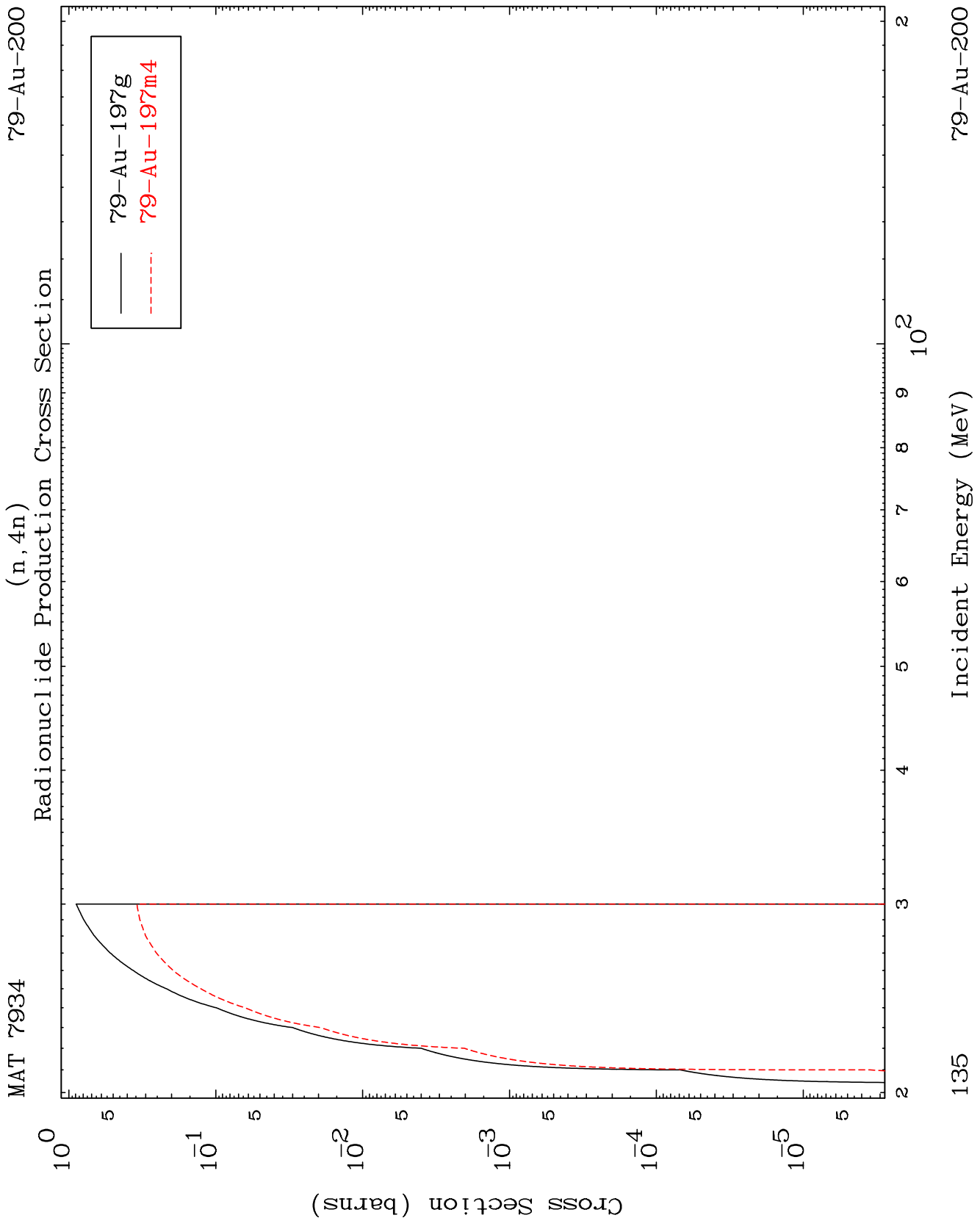
133

Incident Energy (MeV)

79-Au-200

Radionuclide Production Cross Section



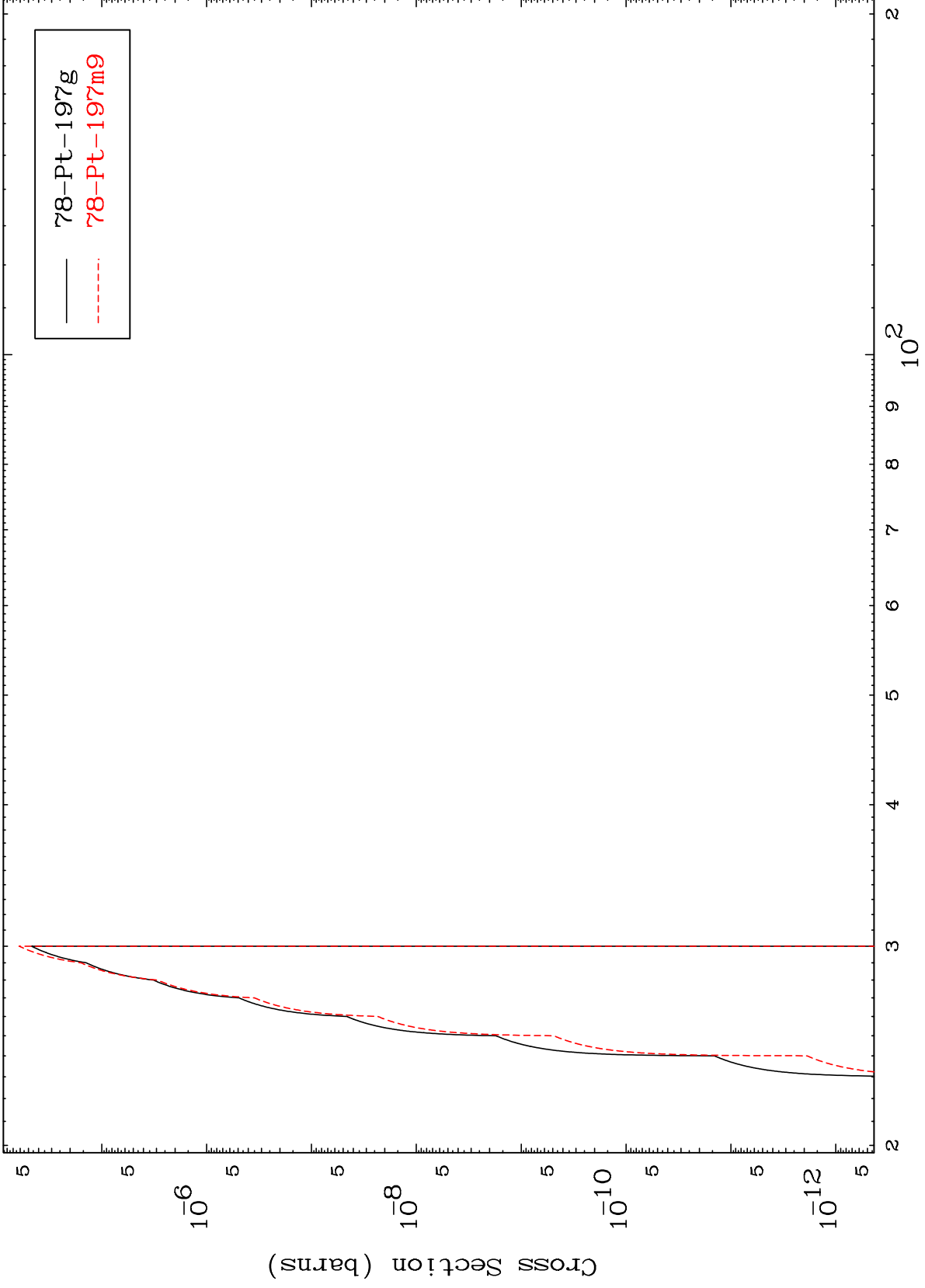


MAT 7934

(n,3n) p

79-Au-200

Radionuclide Production Cross Section



136

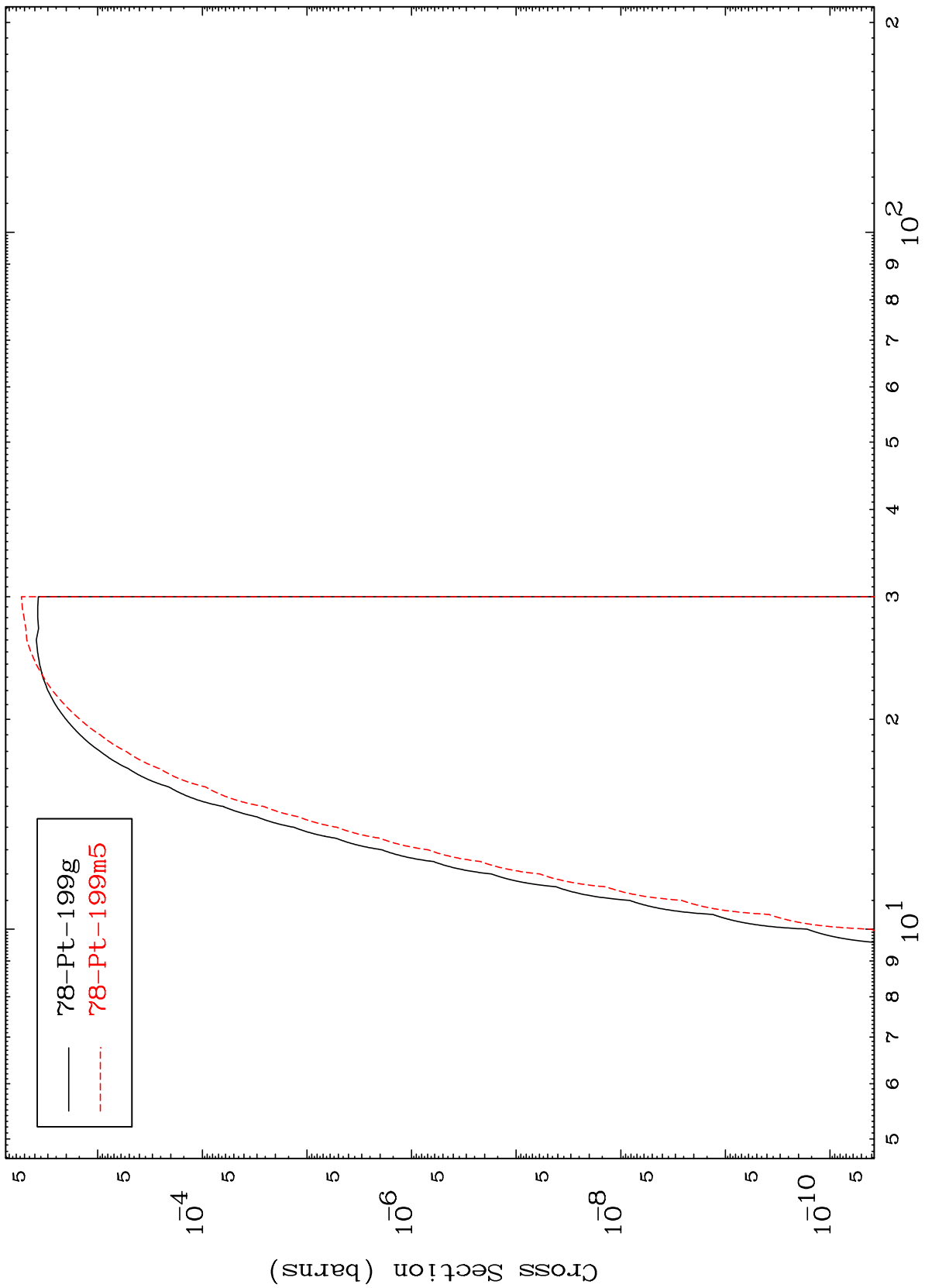
Incident Energy (MeV)

79-Au-200

MAT 7934

79-Au-200

(n,d)
Radionuclide Production Cross Section



137

Incident Energy (MeV)

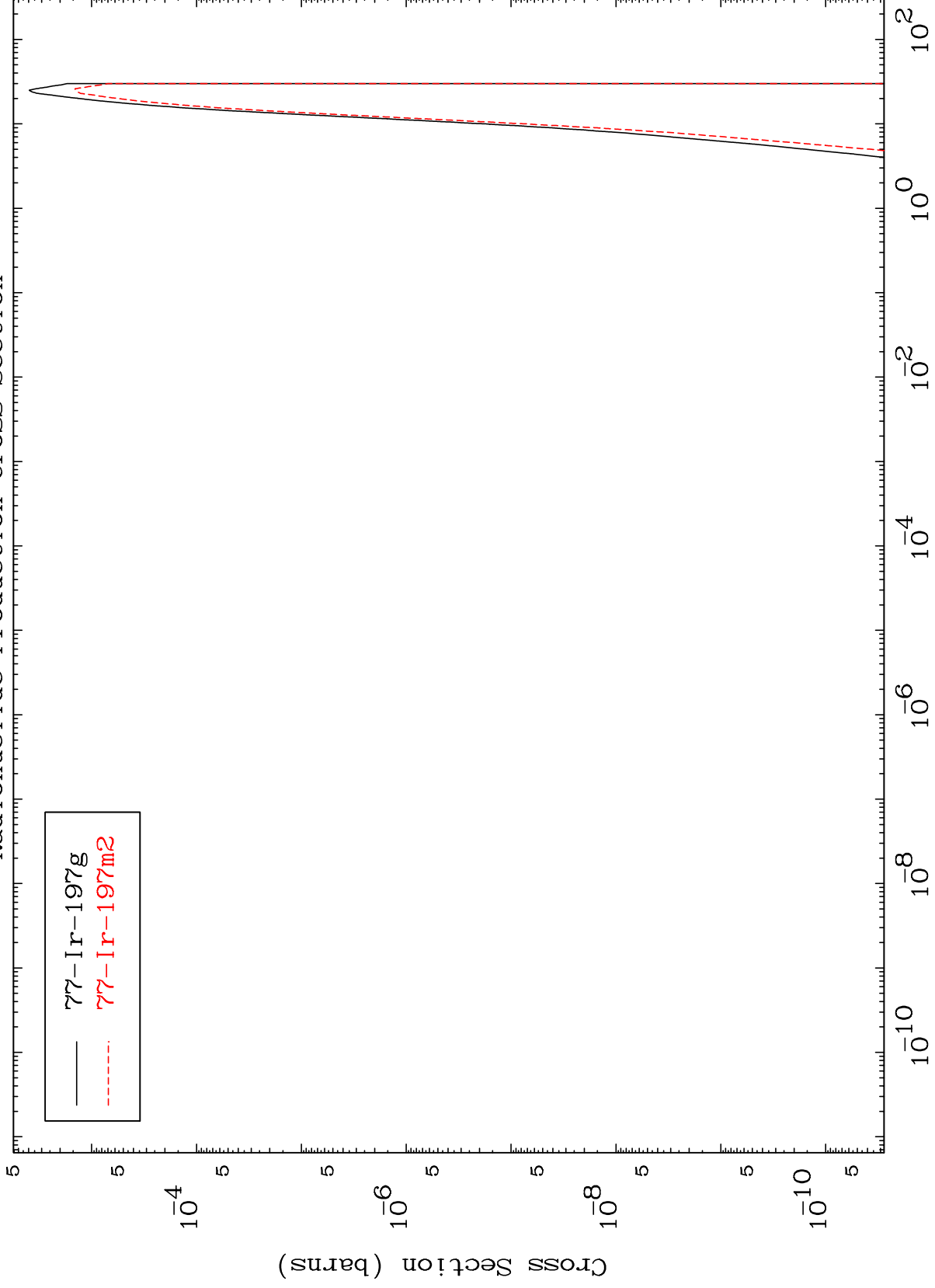
79-Au-200

MAT 7934

(n, α)

⁷⁹Au-200

Radionuclide Production Cross Section



— ⁷⁷Ir-197g
- - - ⁷⁷Ir-197m2