

Program EVALPLOT
(Version 2018-1)

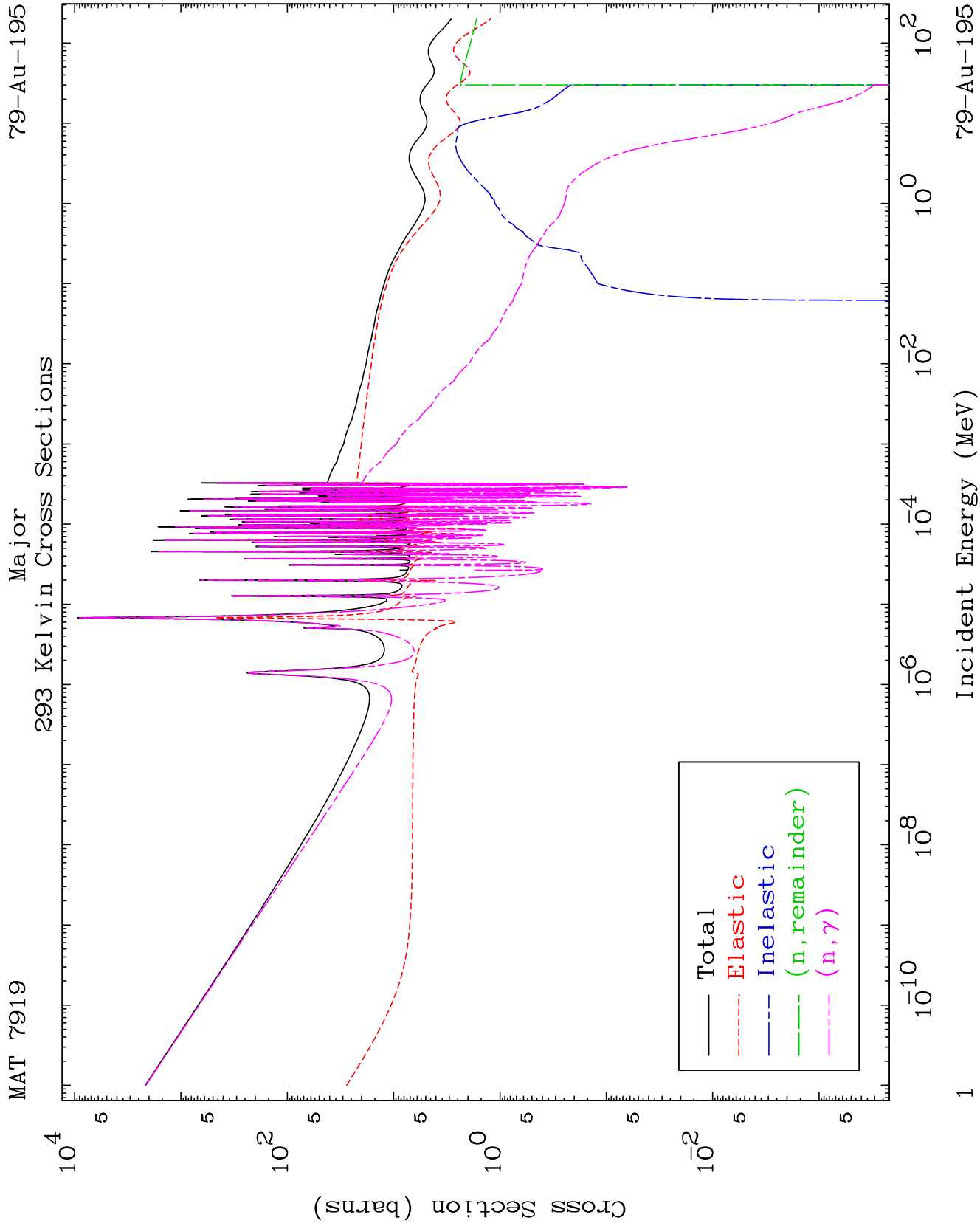
by

Dermott E. Cullen
(Present Contact Information)
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

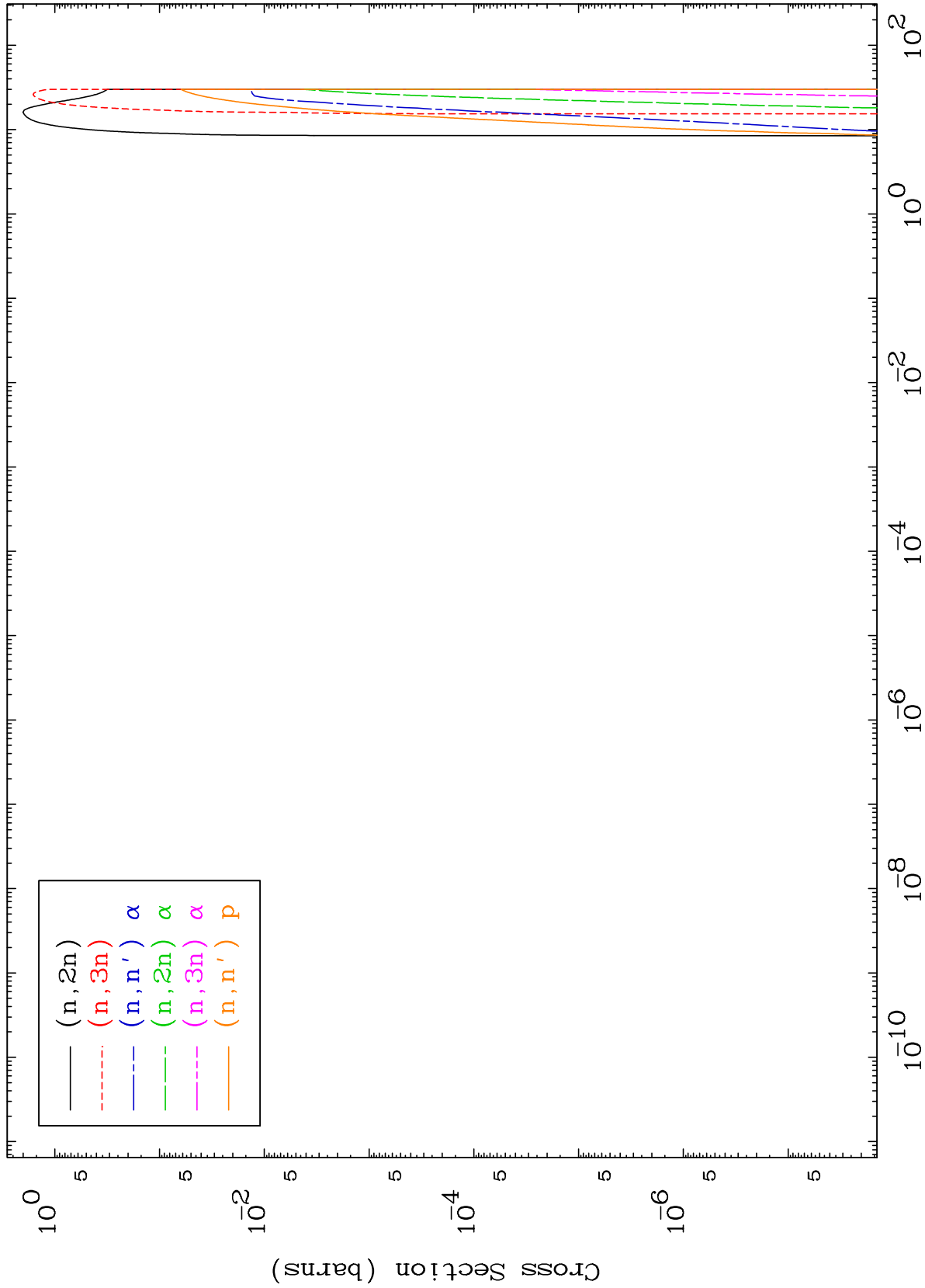
Press Mouse Button to Start



MAT 7919

Neutron Production
293 Kelvin Cross Sections

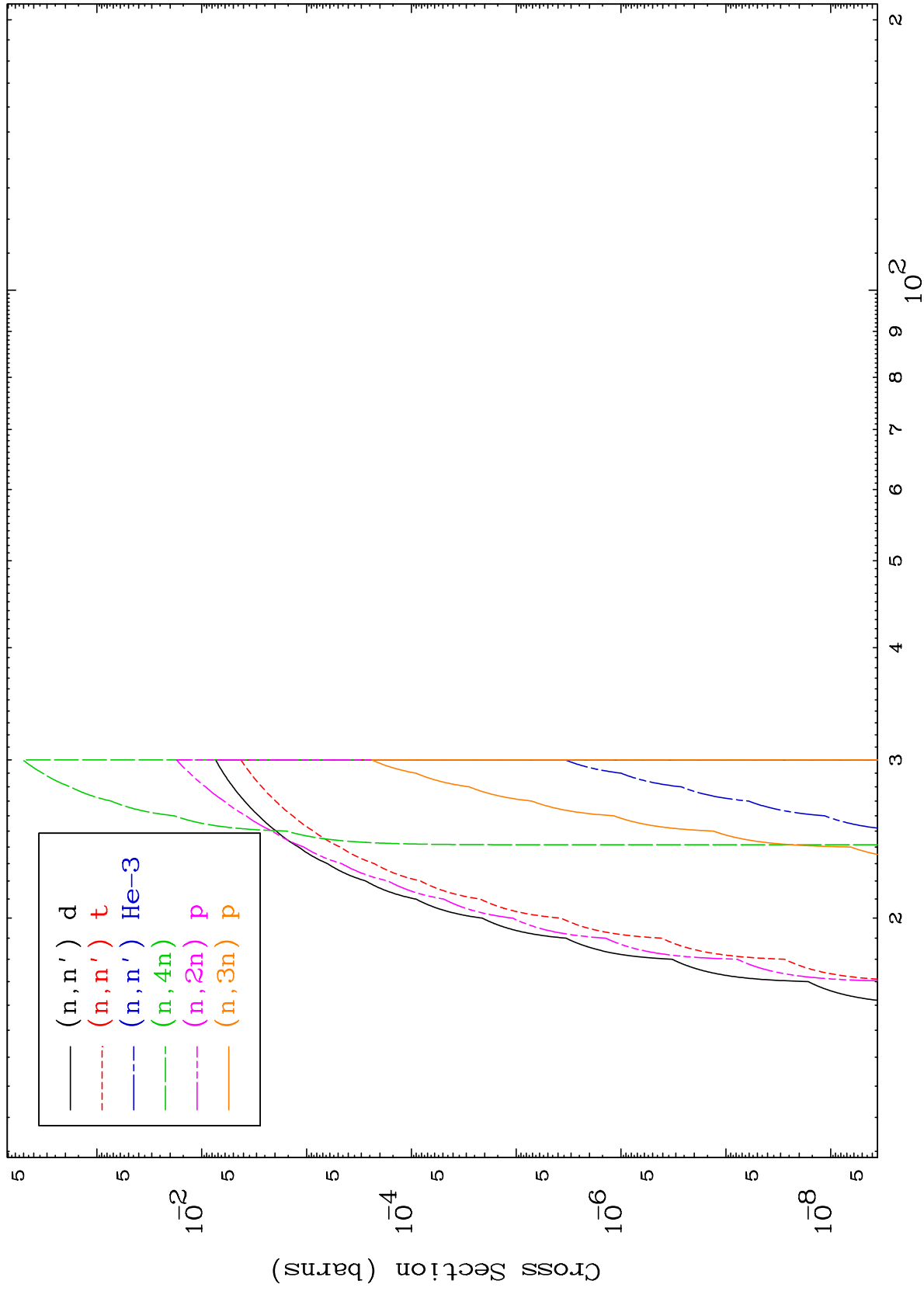
79-Au-195

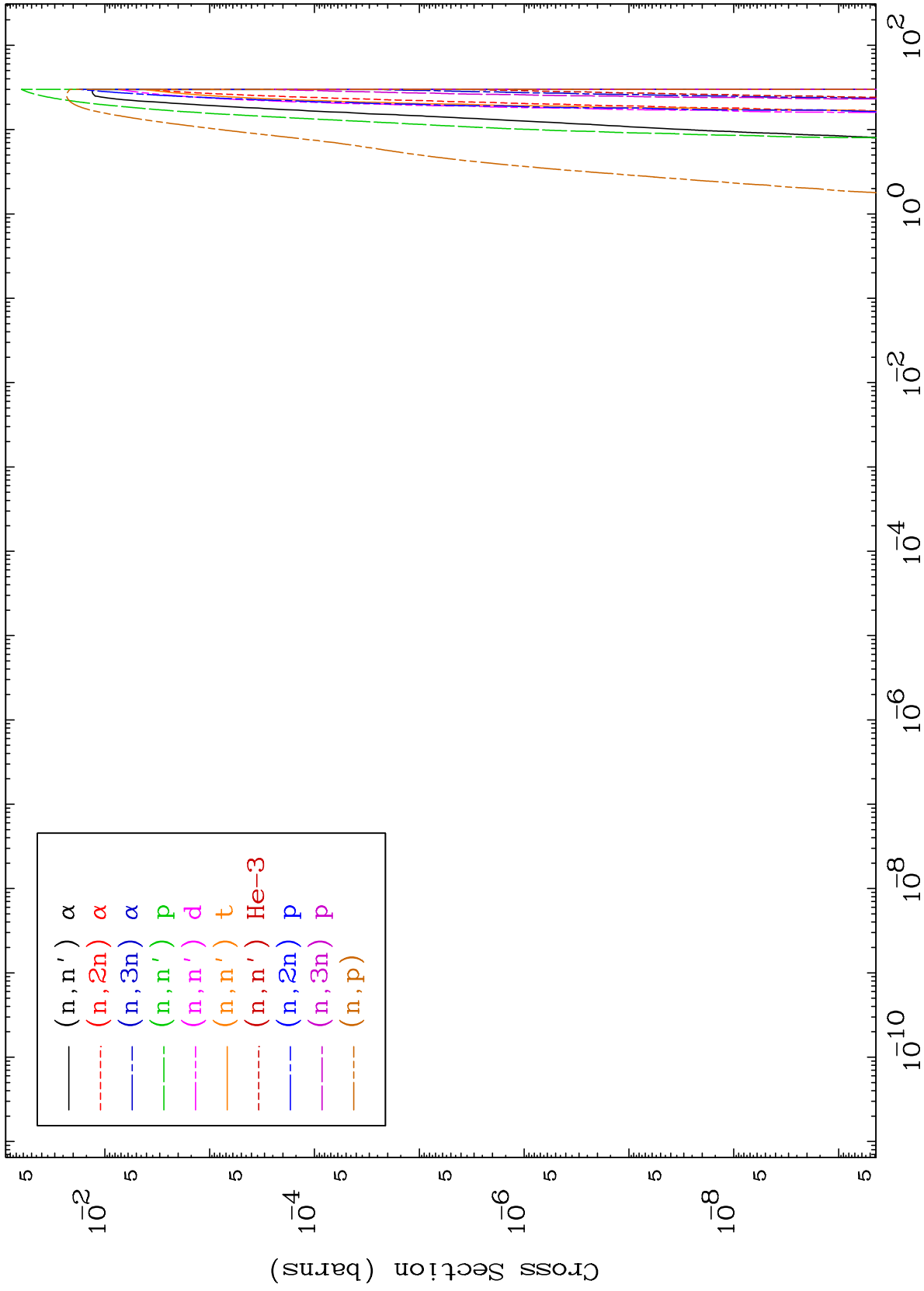


2

Incident Energy (MeV)

79-Au-195

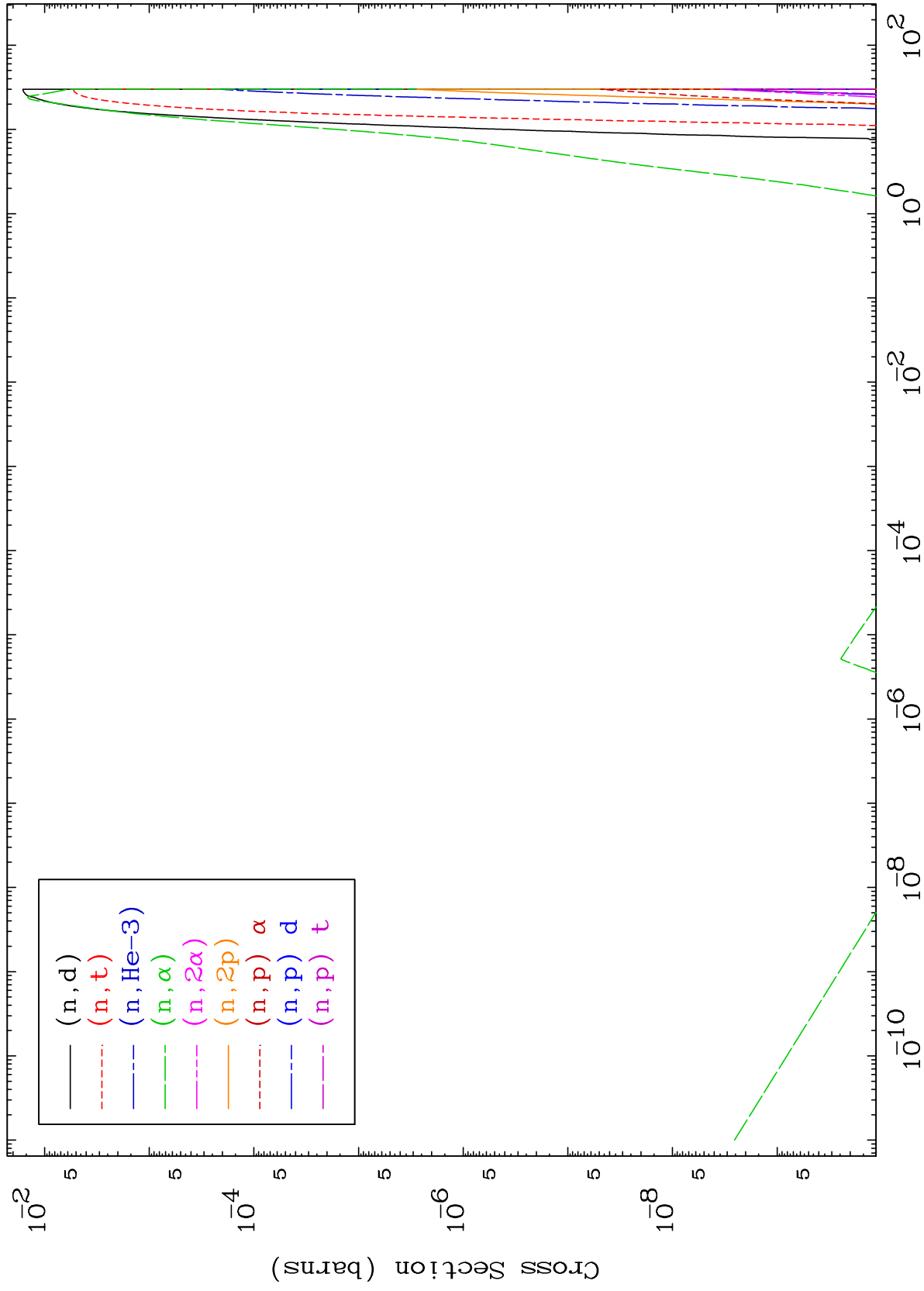




MAT 7919

Charged Particle
293 Kelvin Cross Sections

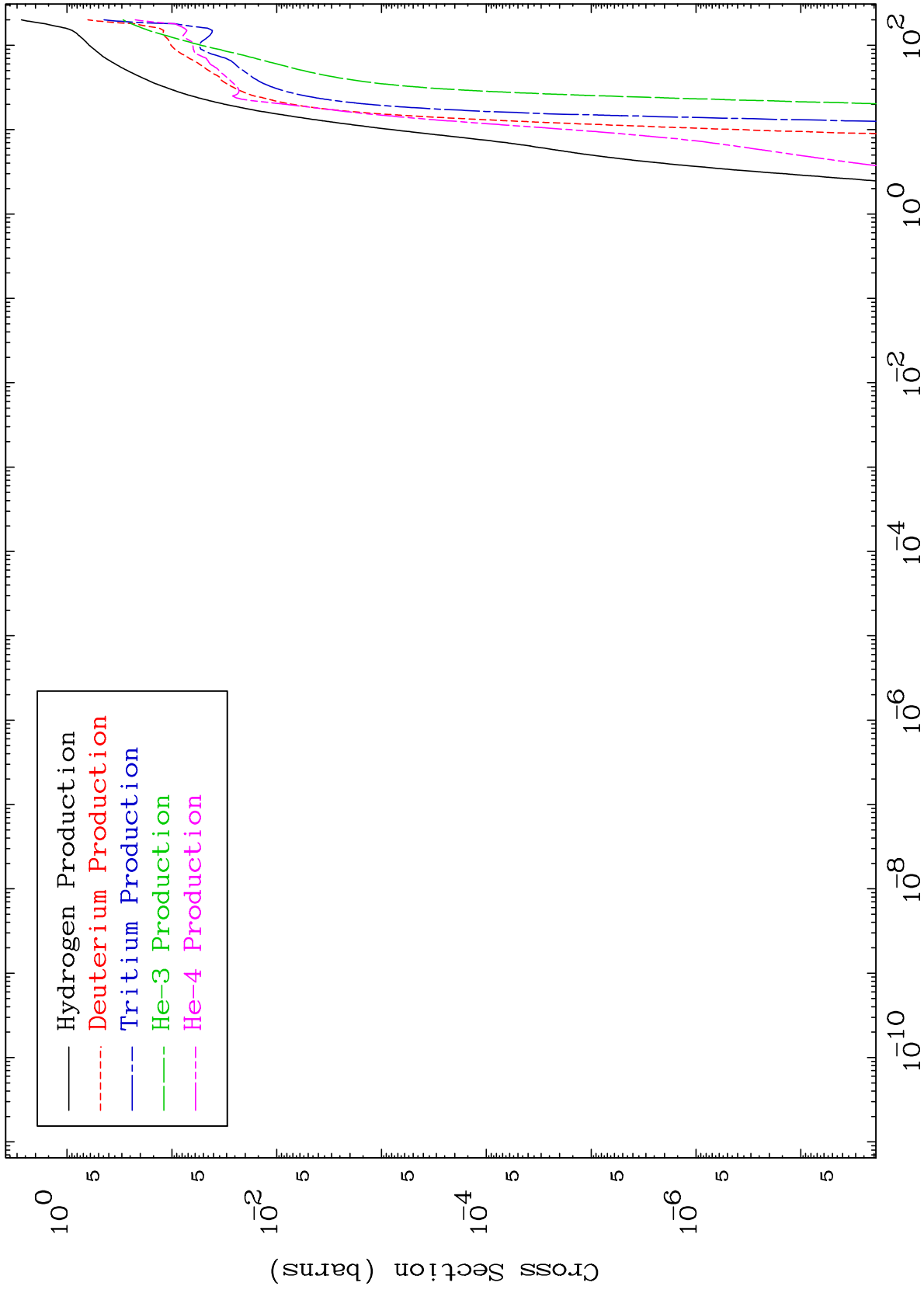
79-Au-195

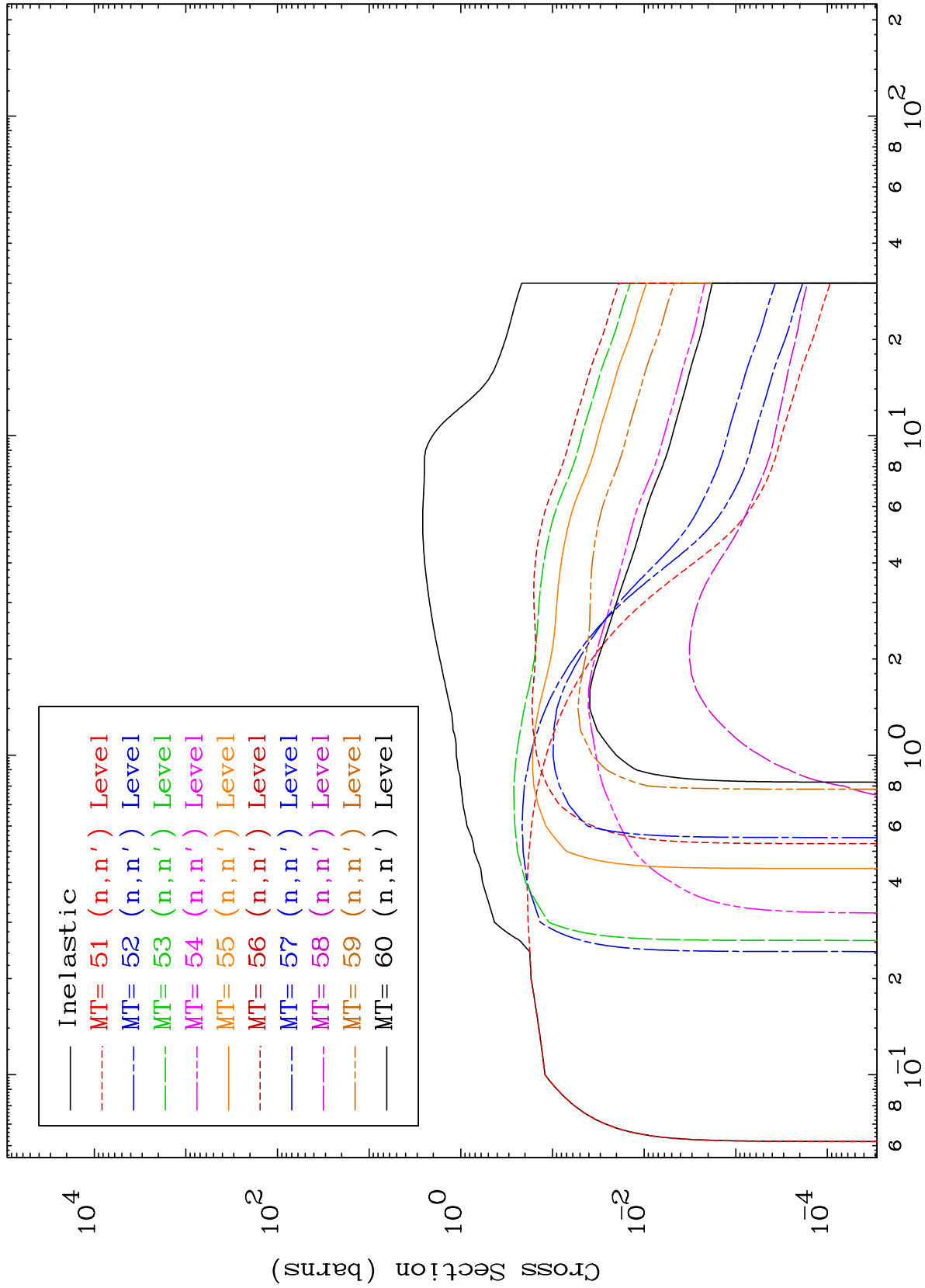


5

Incident Energy (MeV)

79-Au-195



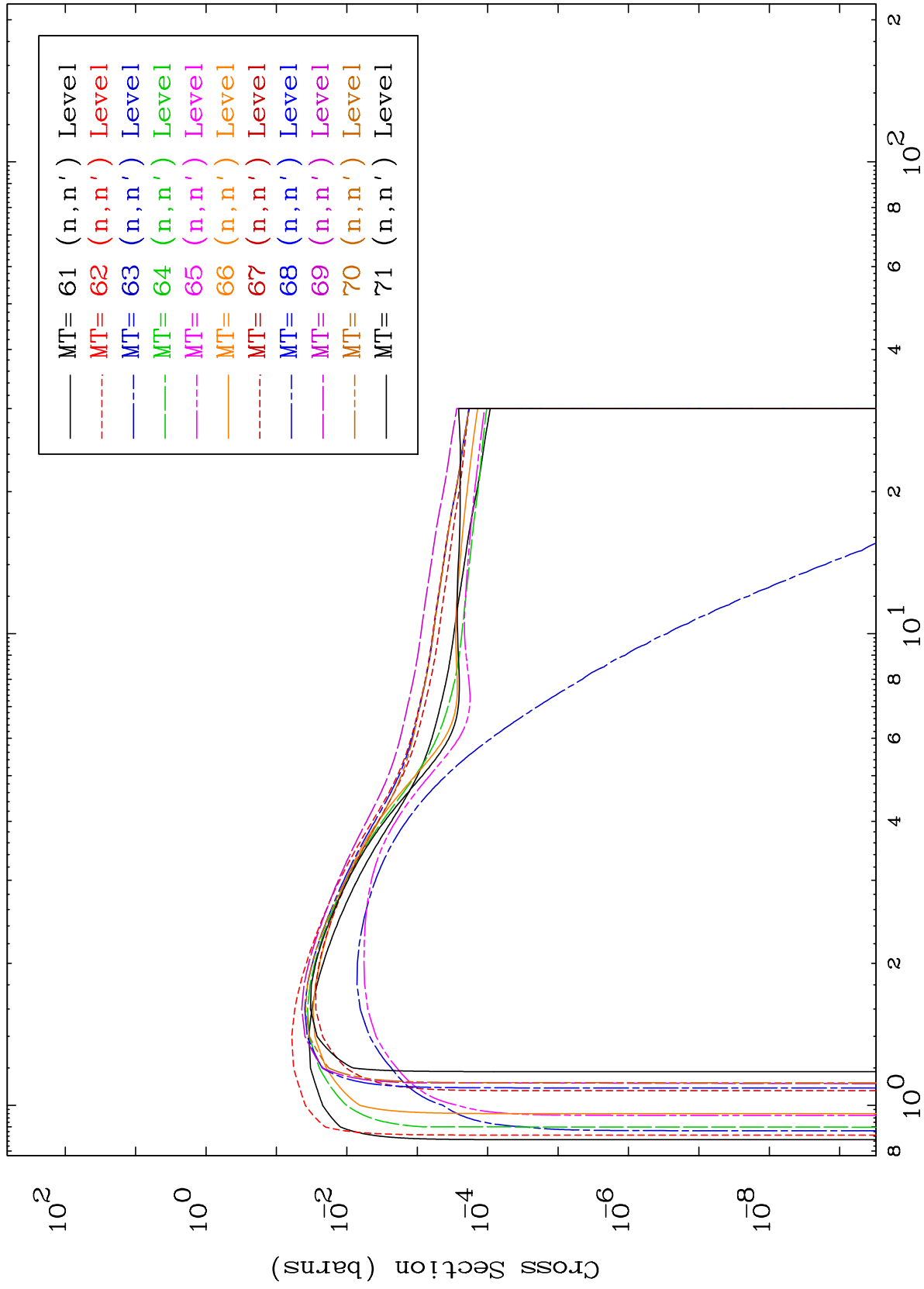


MAT 7919

(n,n') Level

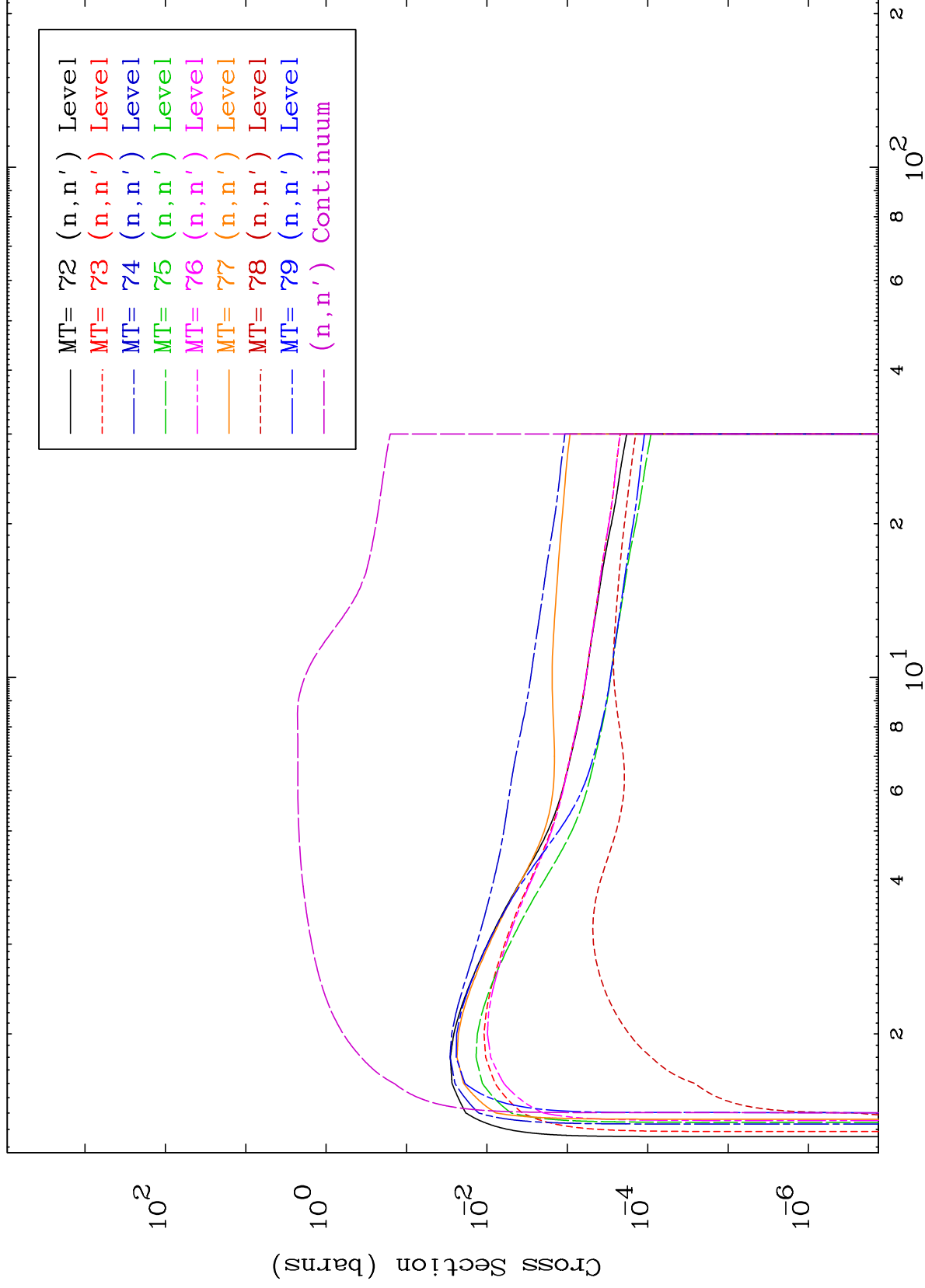
79-Au-195

293 Kelvin Cross Sections



Incident Energy (MeV)

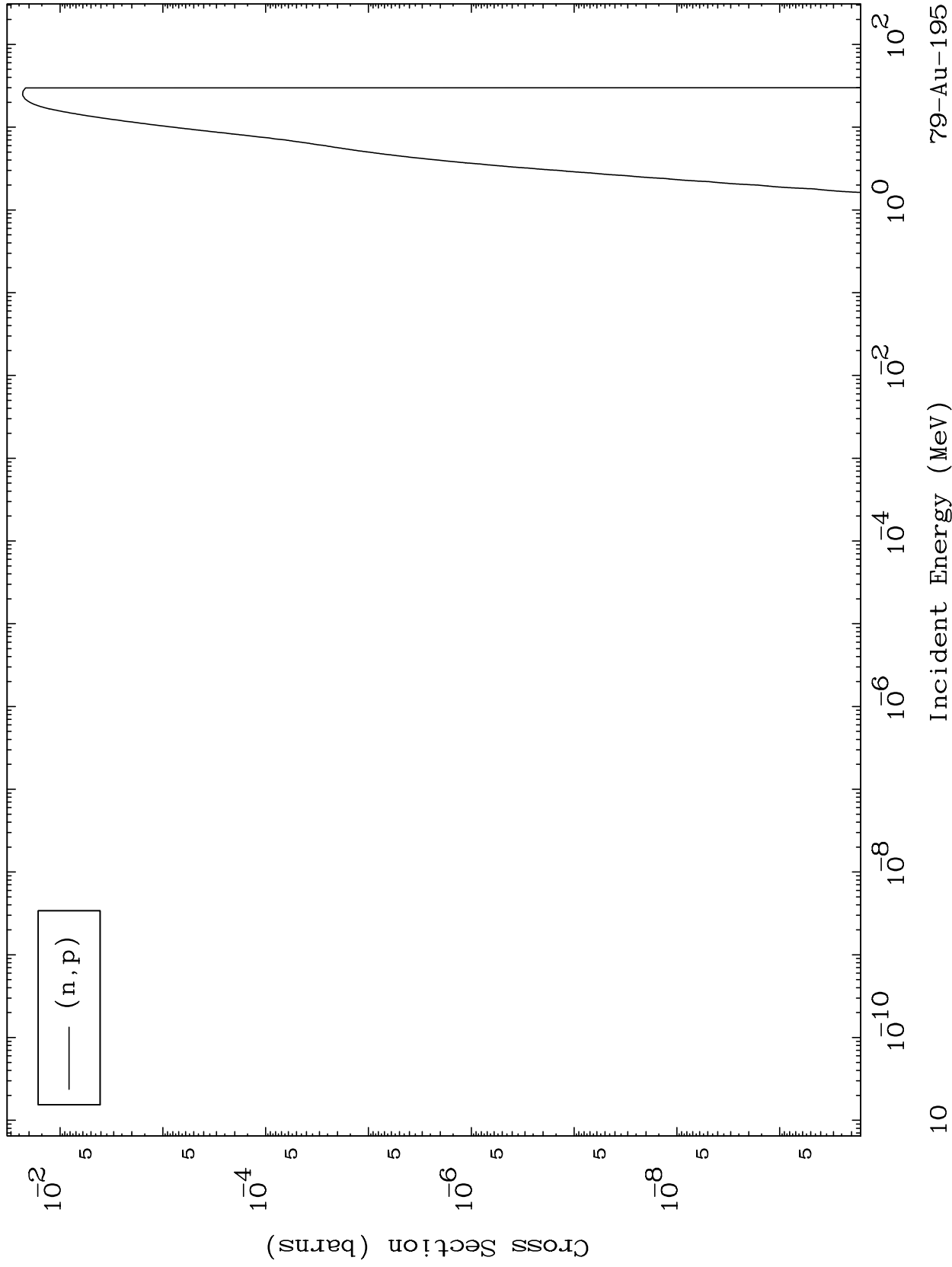
79-Au-195



MAT 7919

(n,p) Levels
293 Kelvin Cross Sections

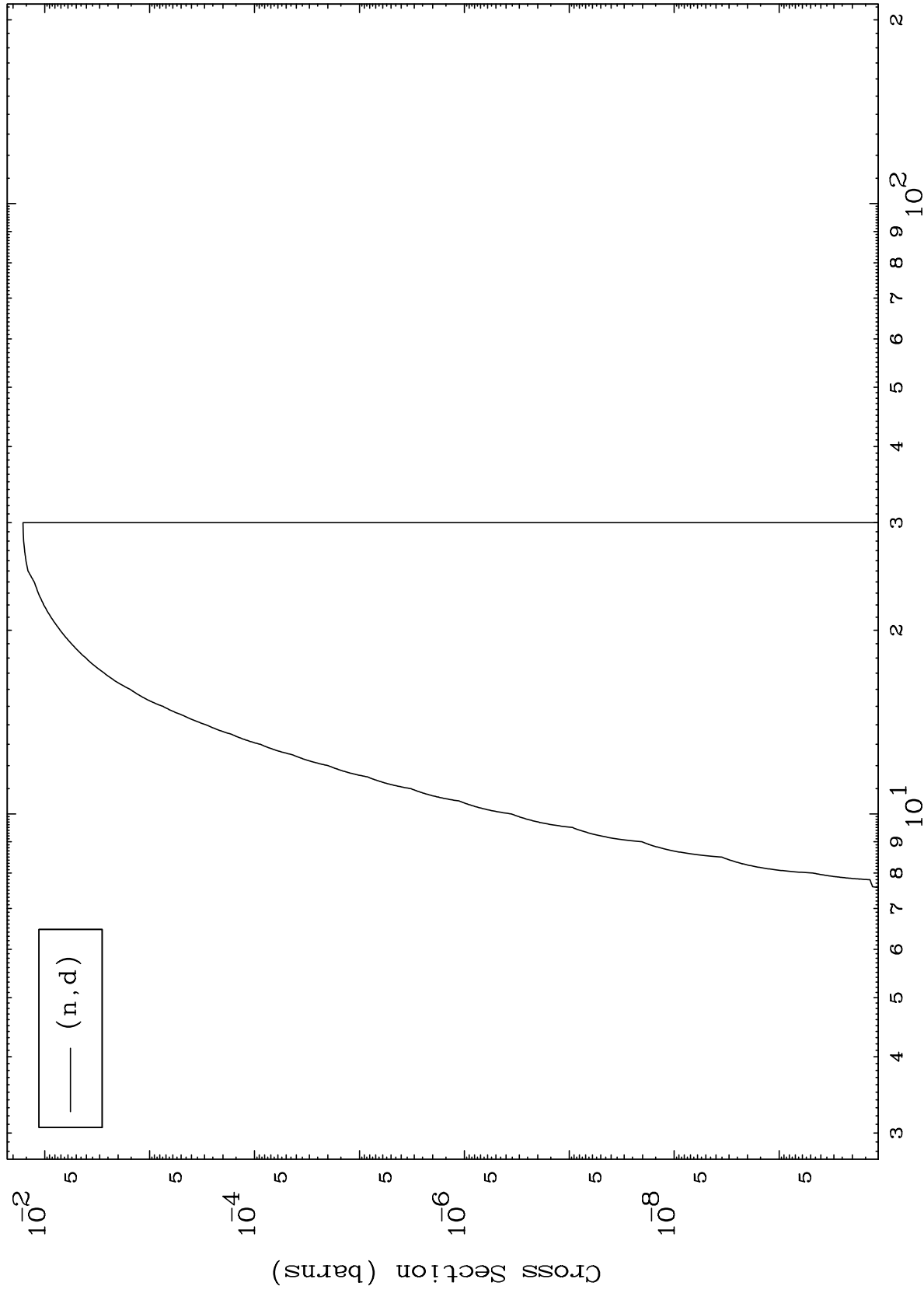
79-Au-195



MAT 7919

79-Au-195

(n,d) Levels
293 Kelvin Cross Sections



11

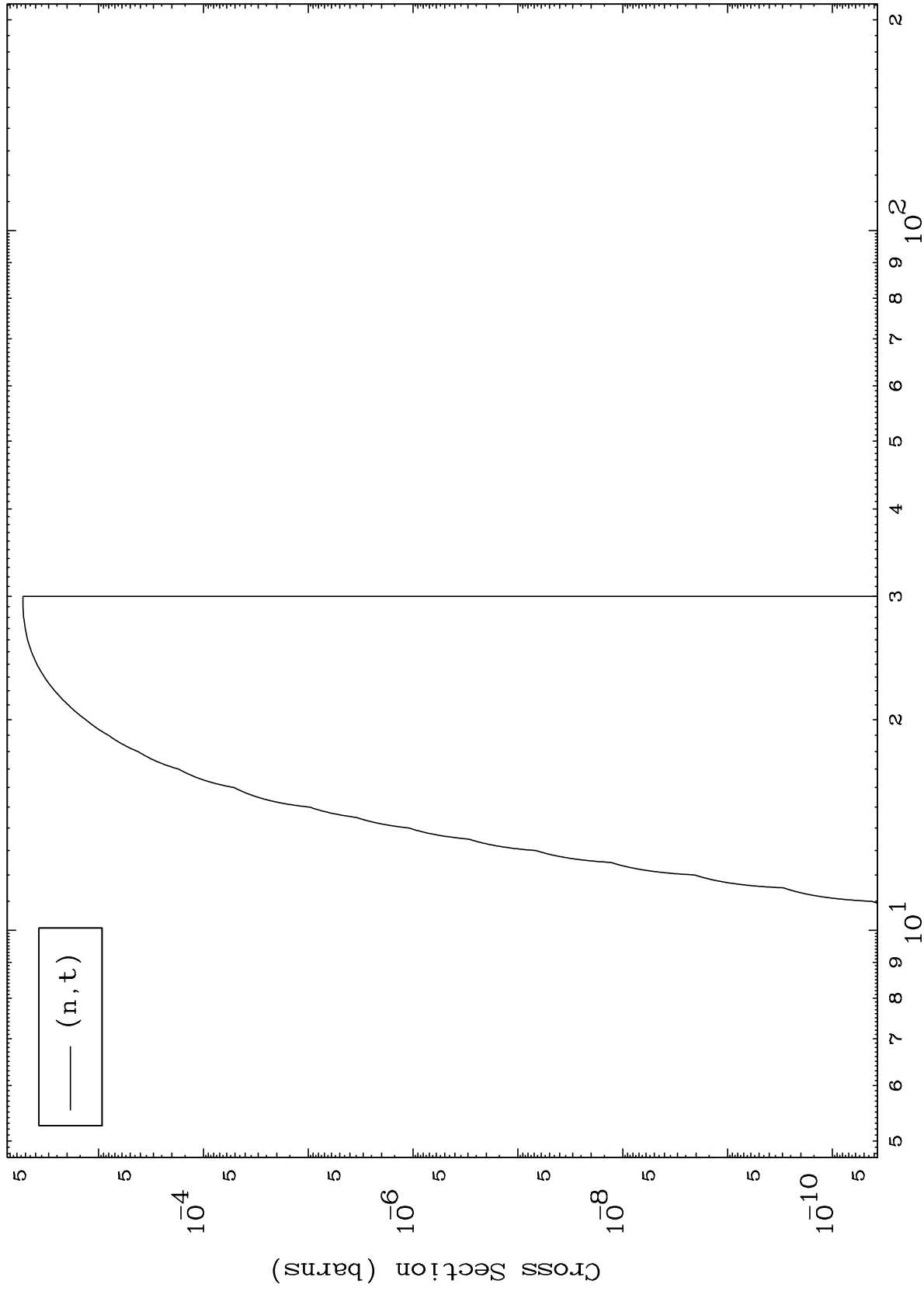
Incident Energy (MeV)

79-Au-195

MAT 7919

79-Au-195

(n,t) Levels
293 Kelvin Cross Sections



12

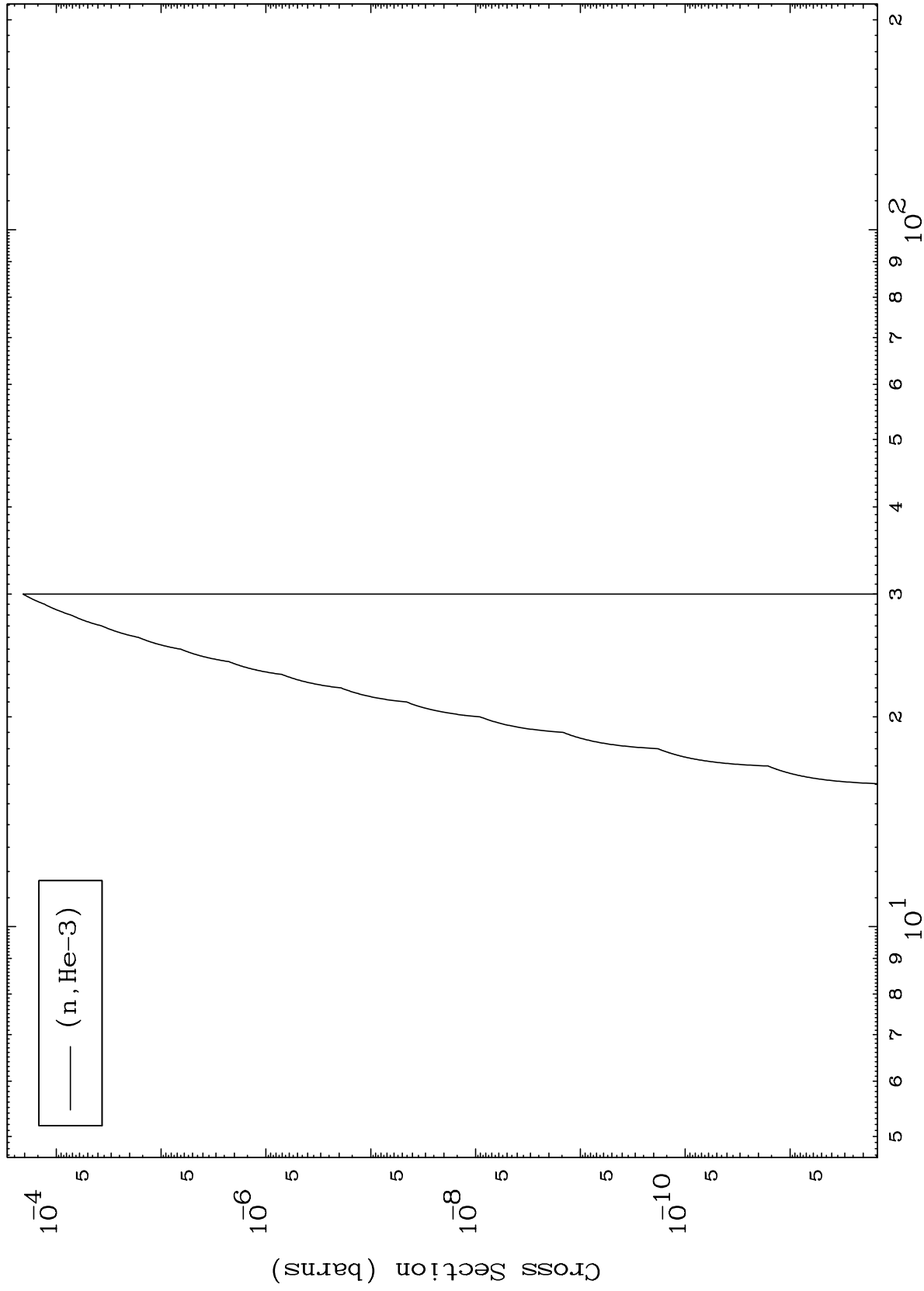
Incident Energy (MeV)

79-Au-195

MAT 7919

79-Au-195

(n,He3) Levels
293 Kelvin Cross Sections



13

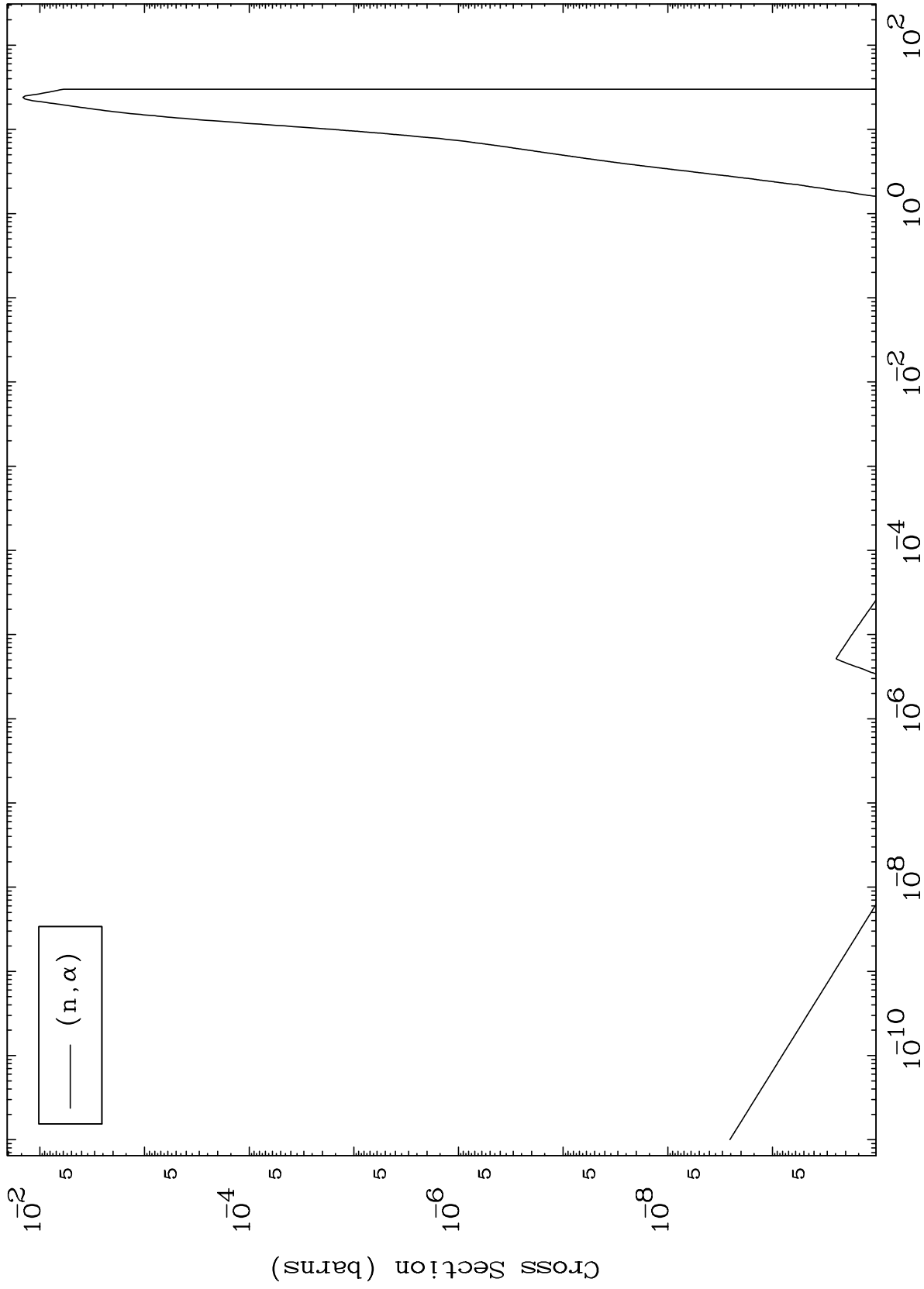
Incident Energy (MeV)

79-Au-195

MAT 7919

(n, α) Levels
293 Kelvin Cross Sections

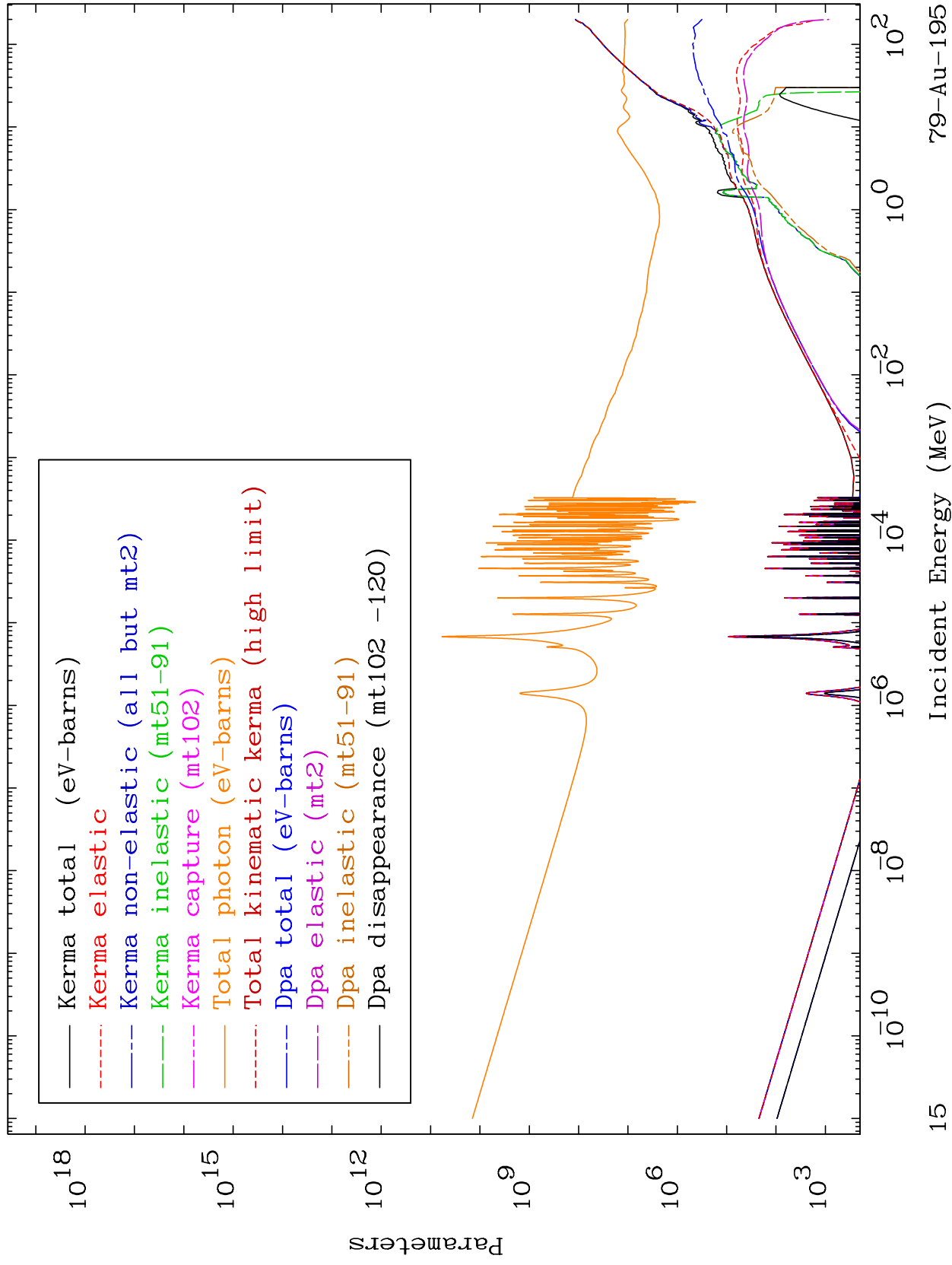
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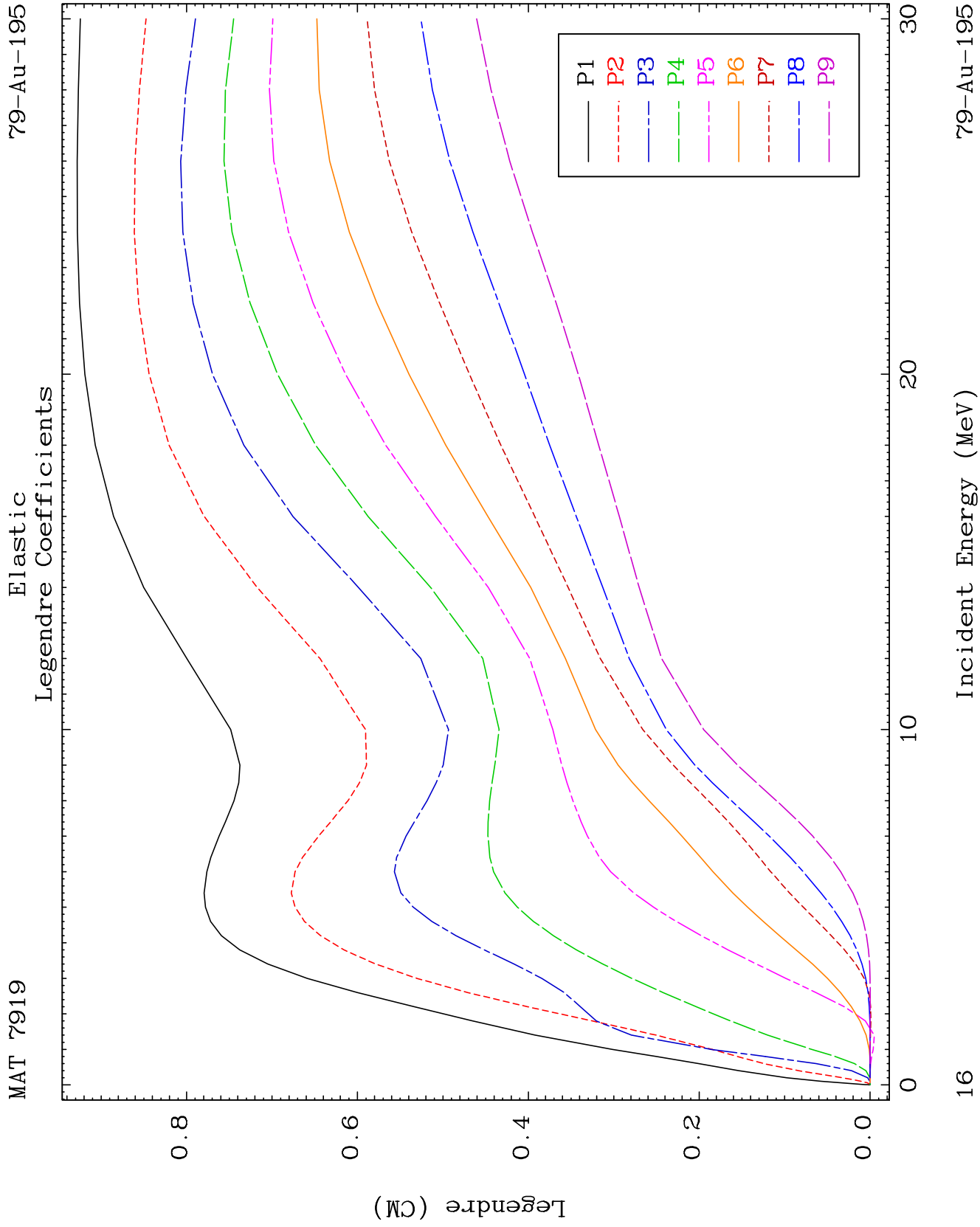


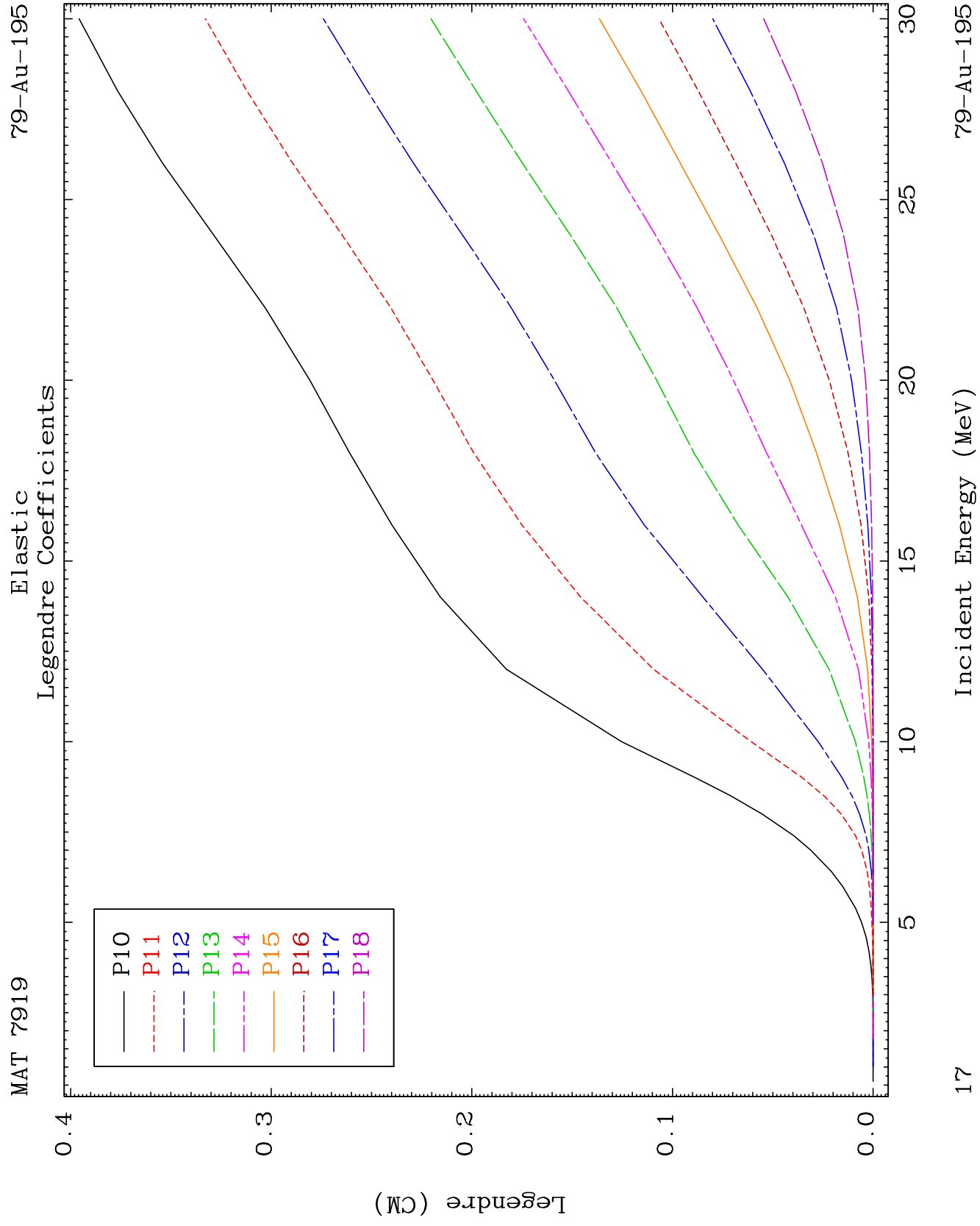
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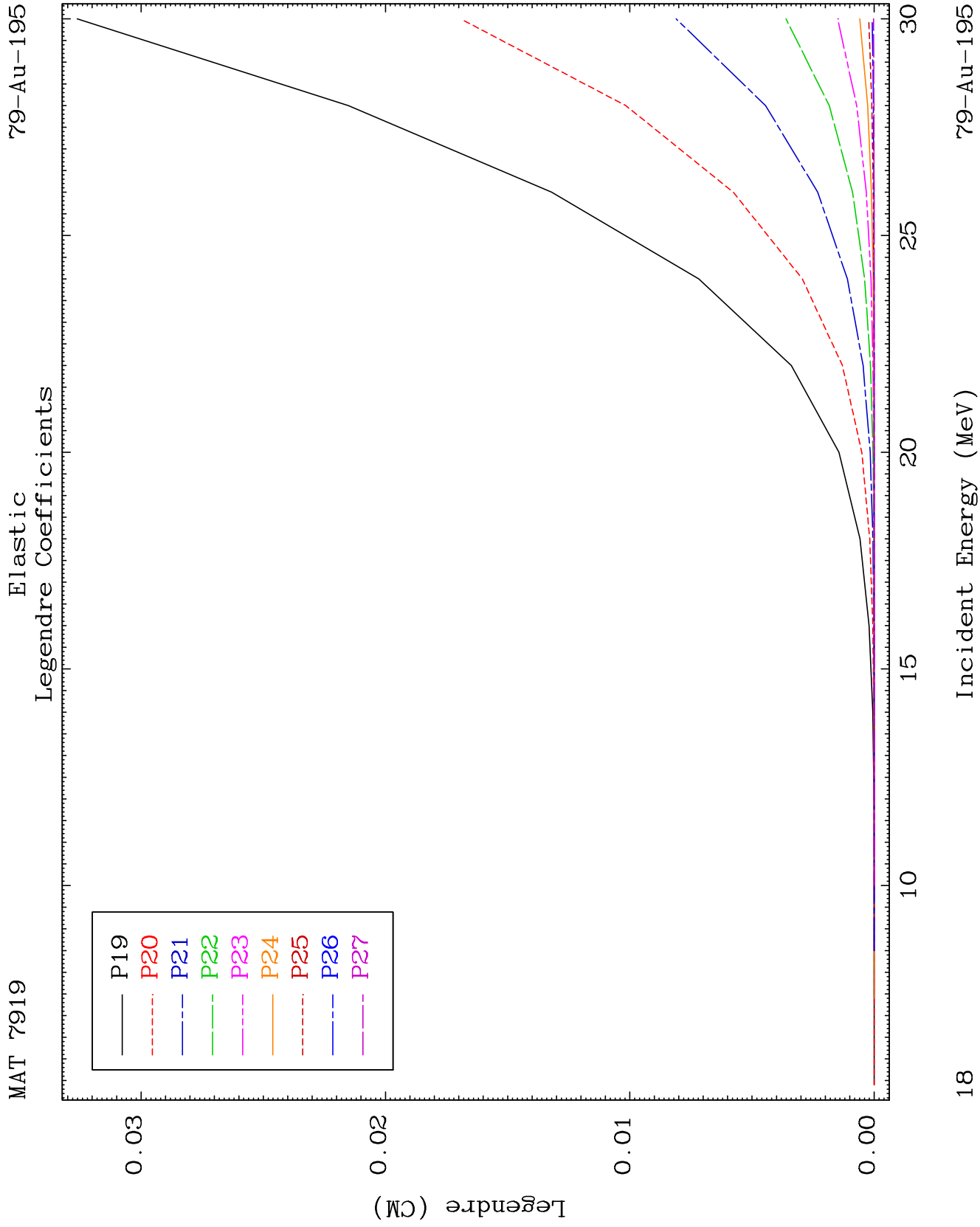
Incident Energy (MeV)

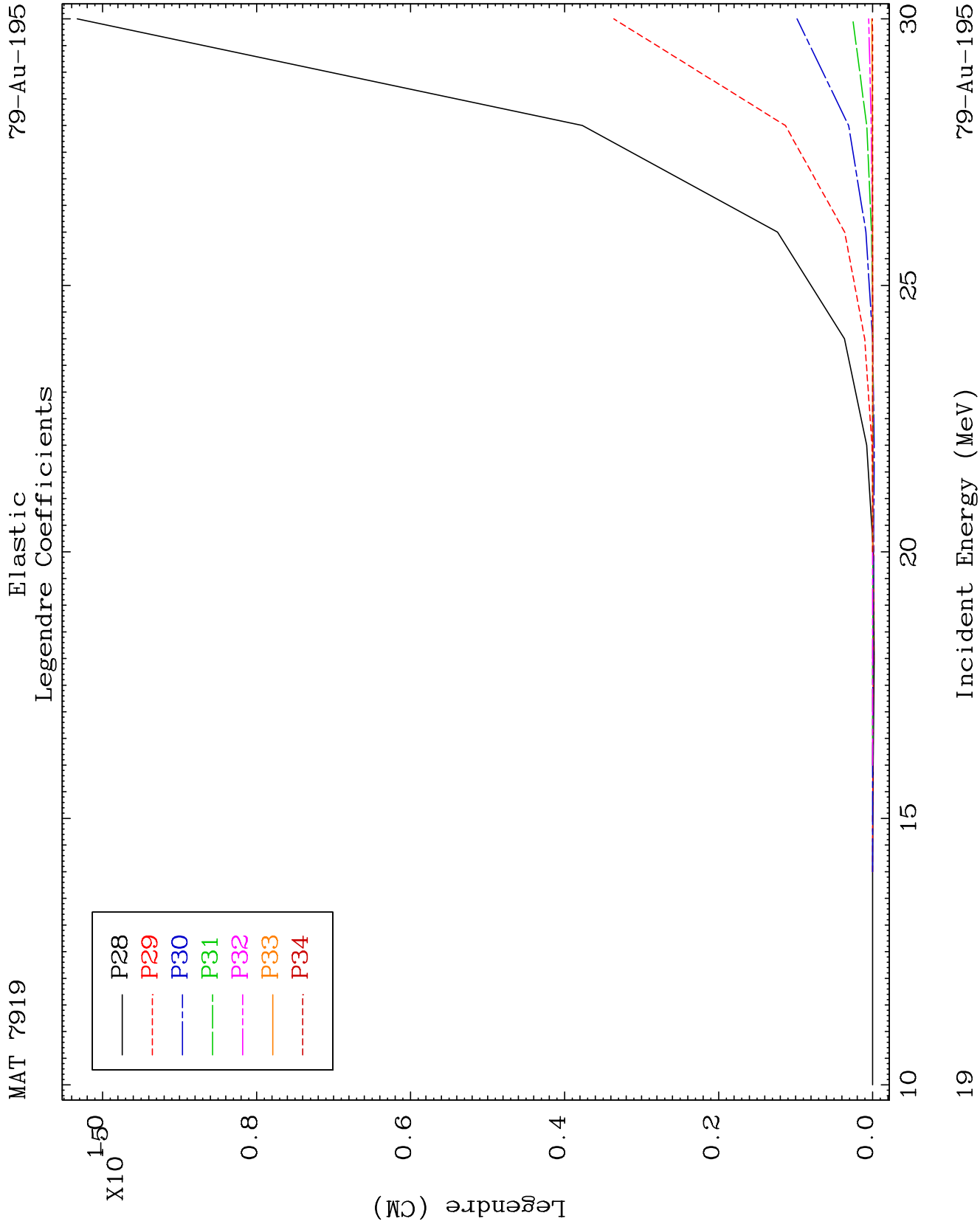
79-Au-195







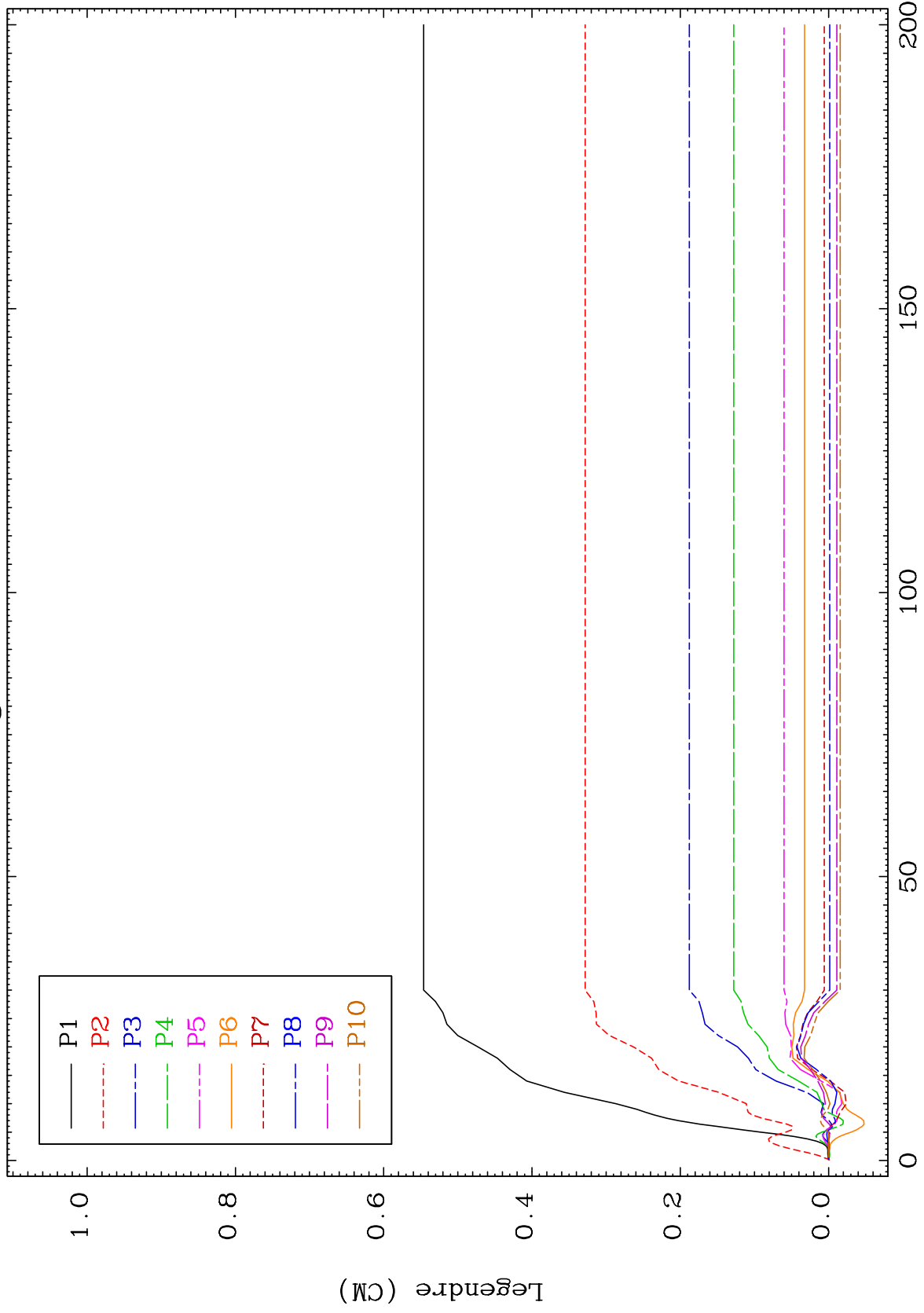




MAT 7919

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

79-Au-195



20

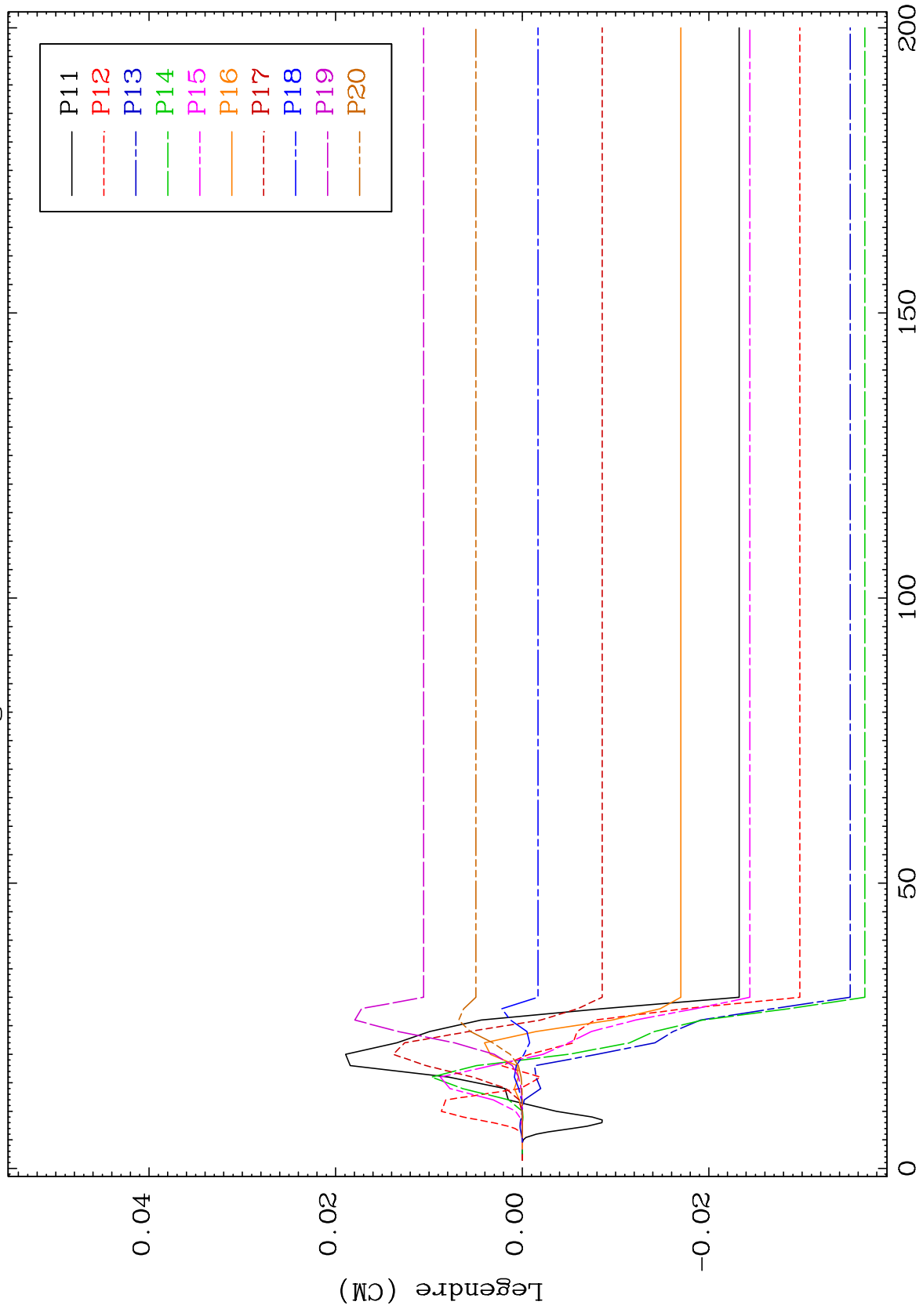
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



21

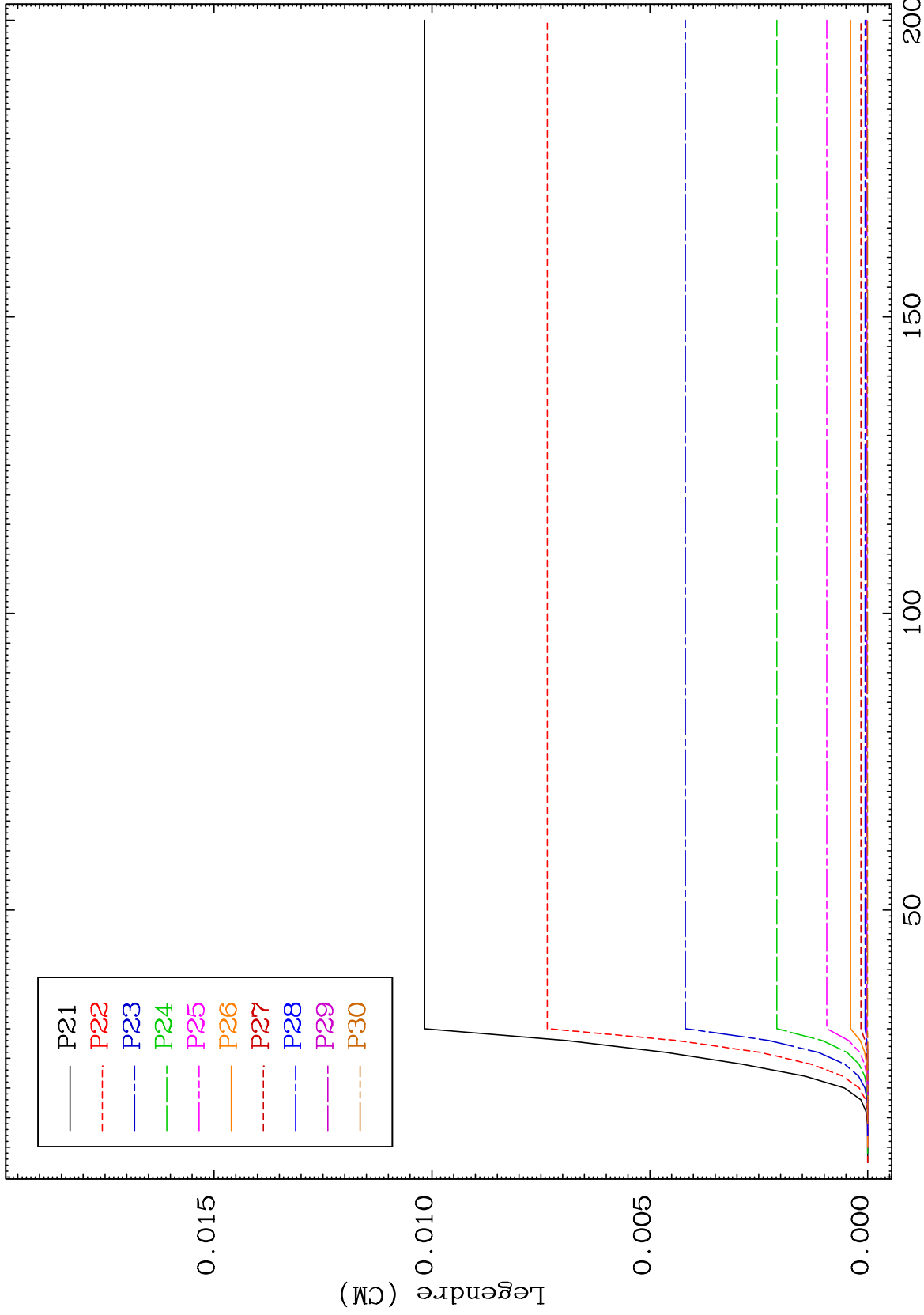
Incident Energy (MeV)

79-Au-195

MAT 7919

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

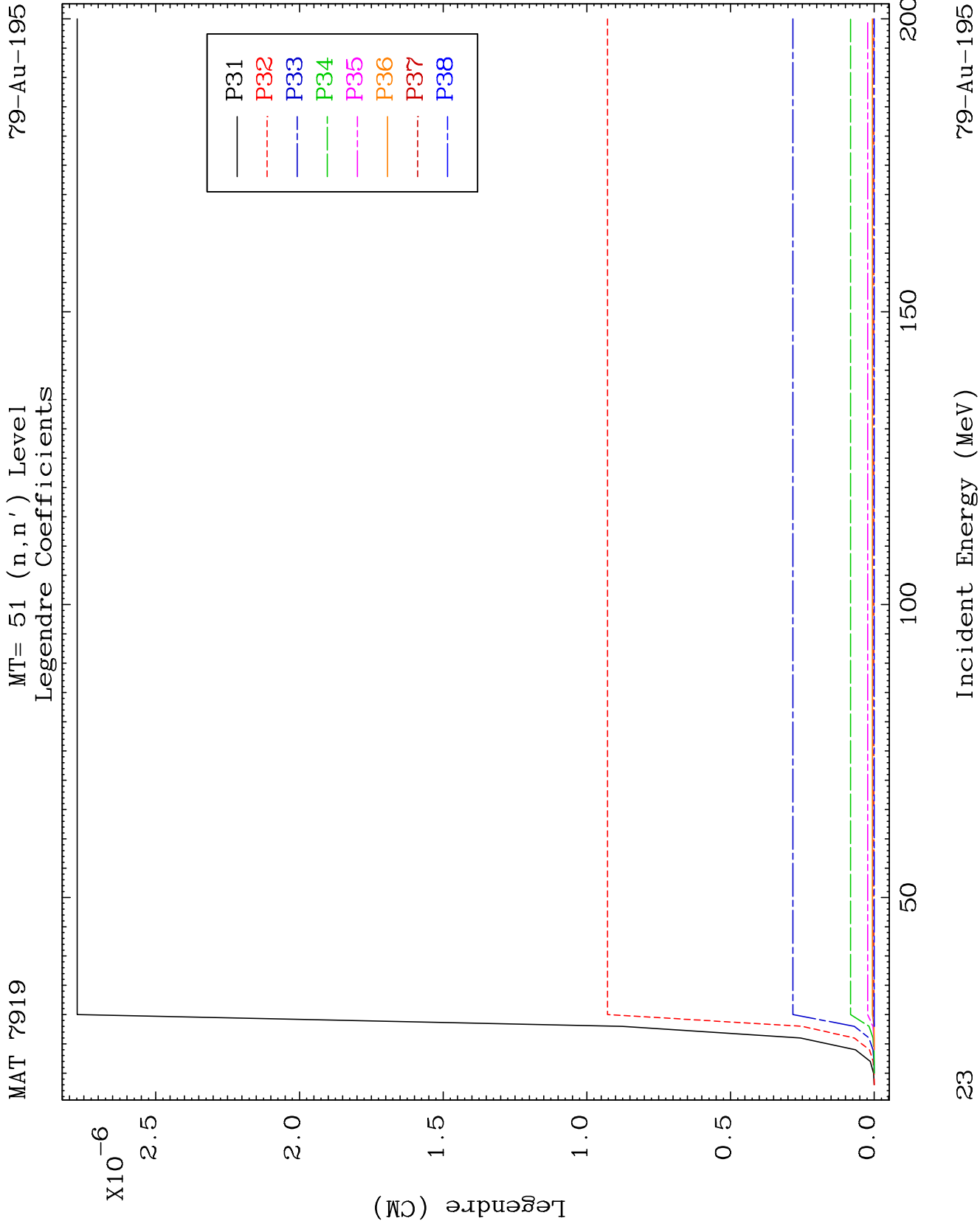
79-Au-195



22

Incident Energy (MeV)

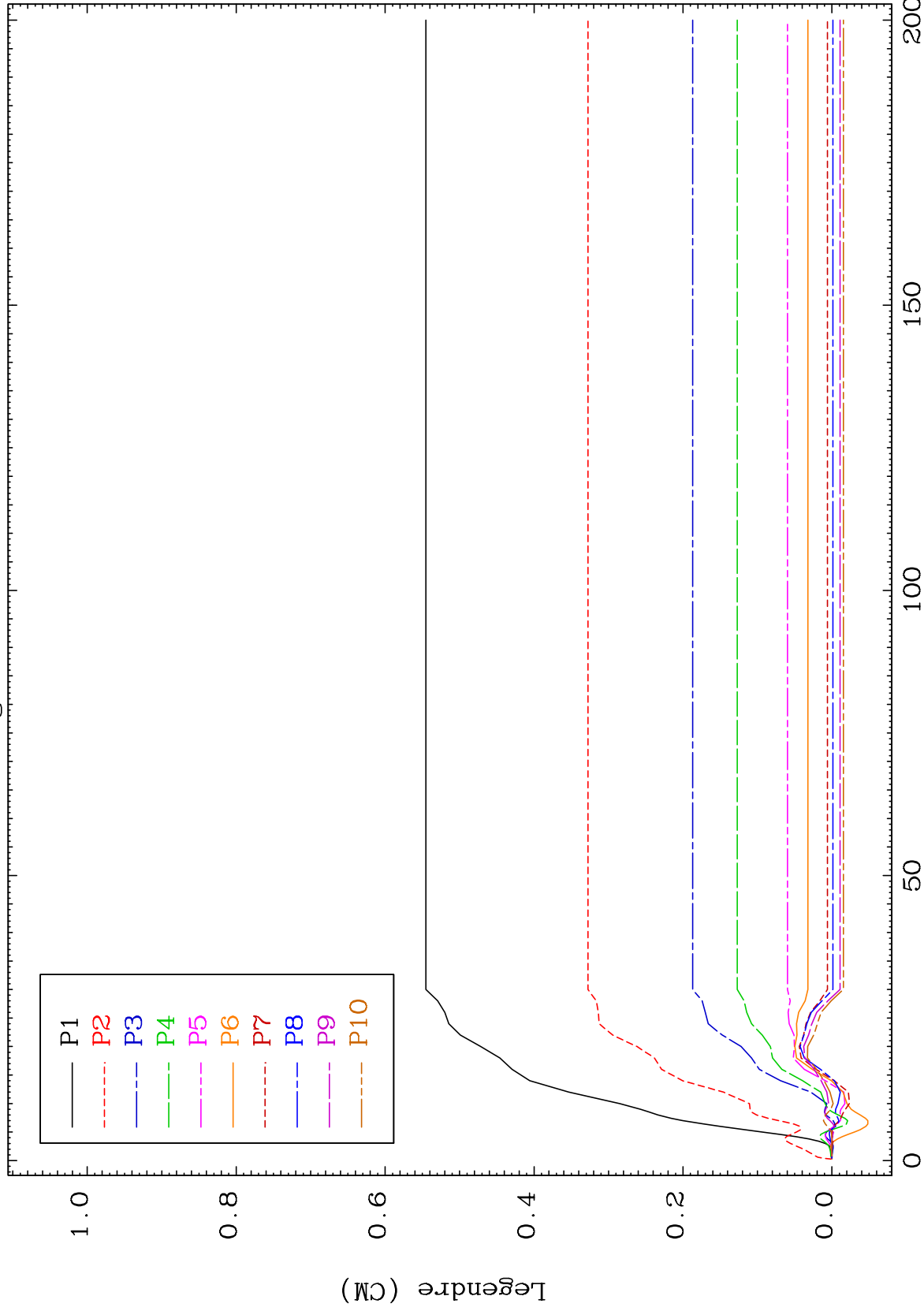
79-Au-195



MAT 7919

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

79-Au-195



24

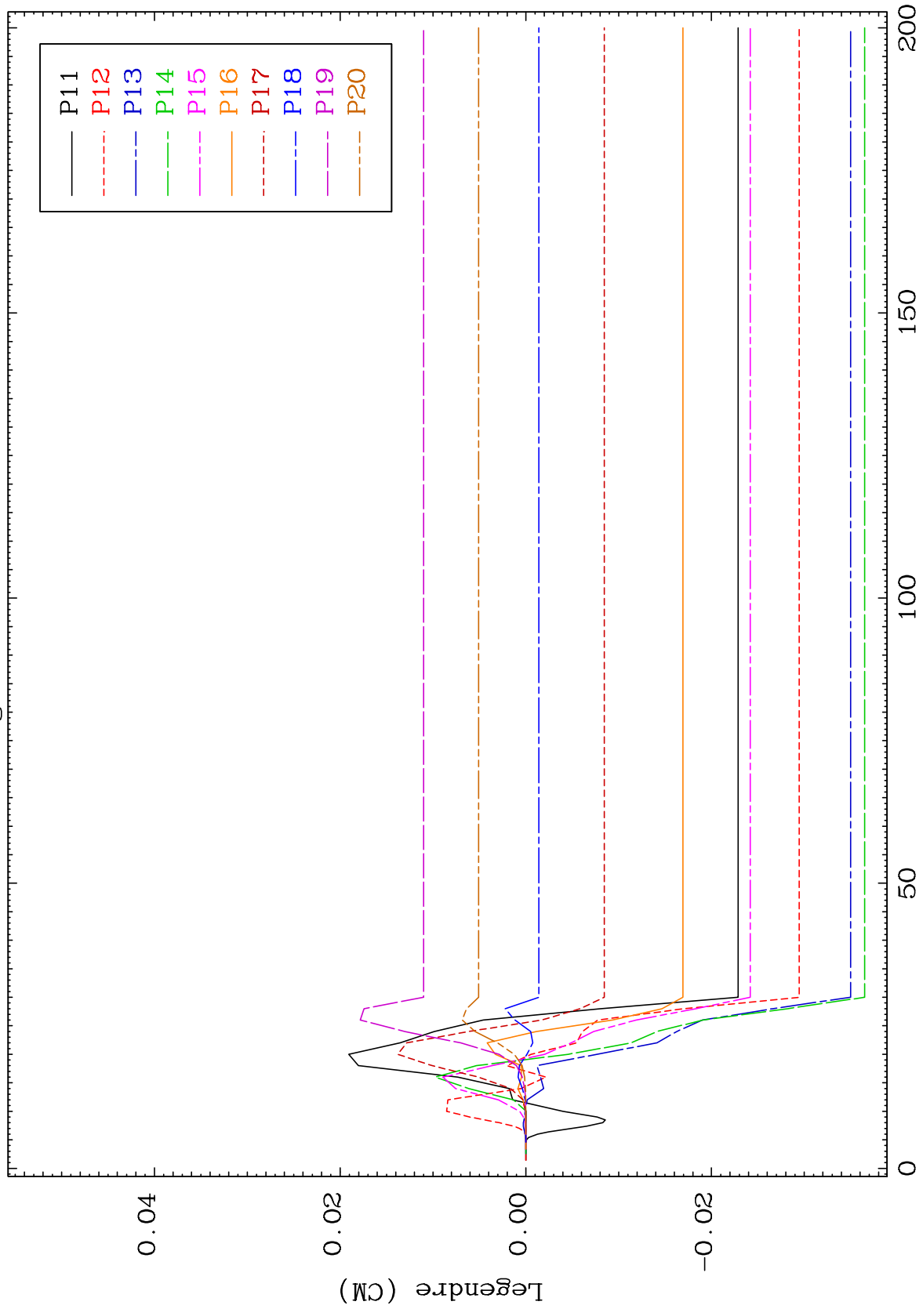
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



25

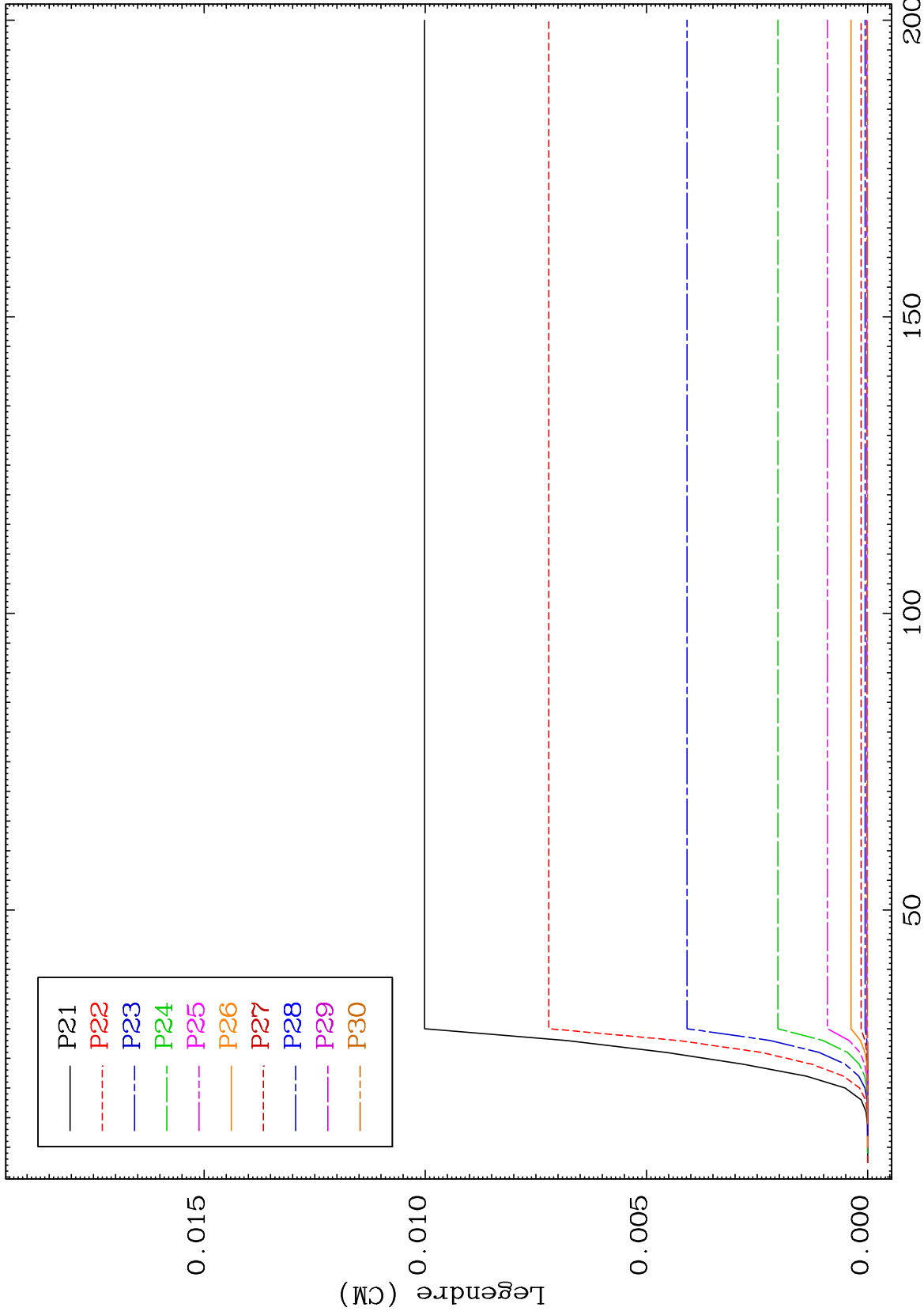
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



26

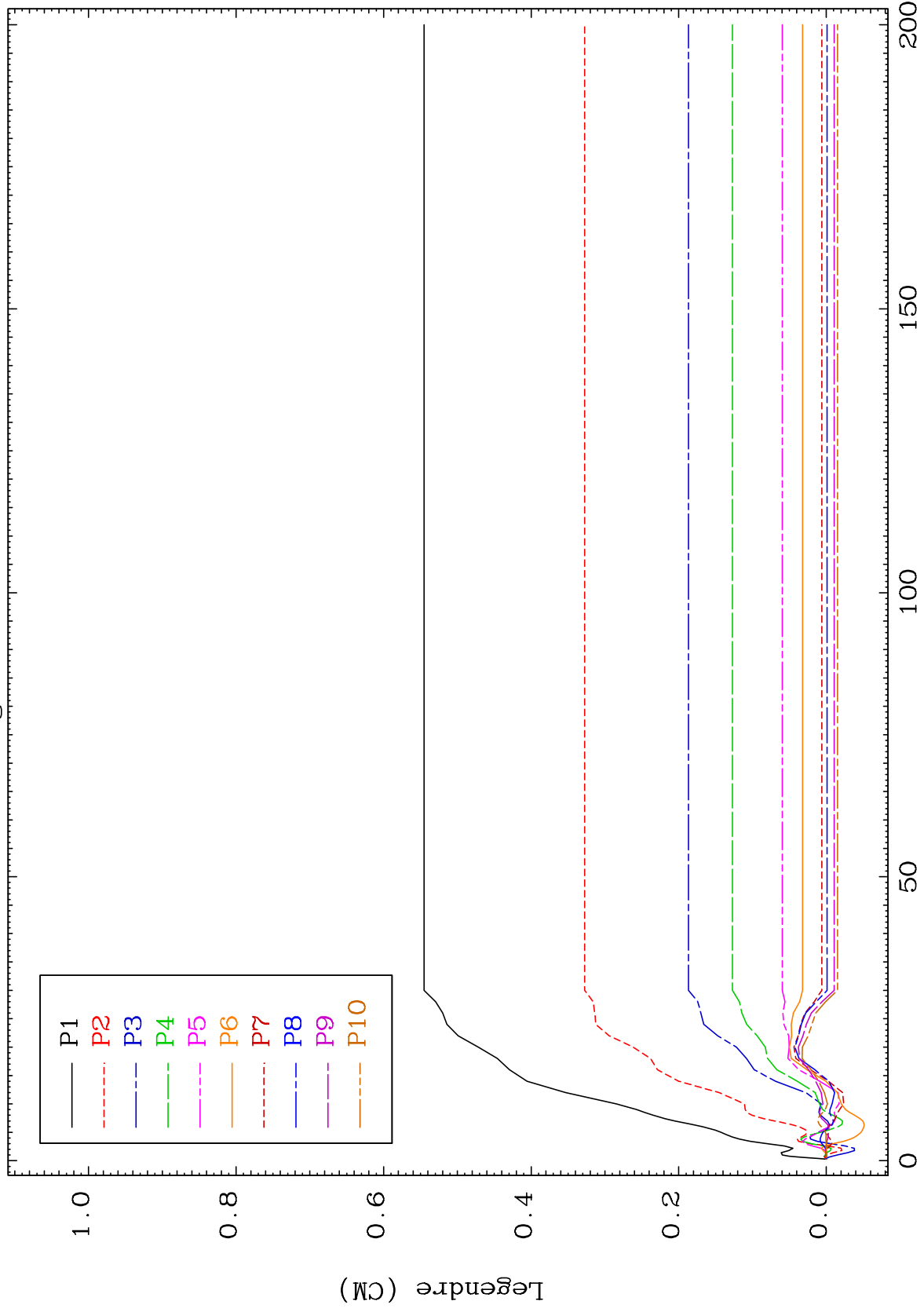
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



28

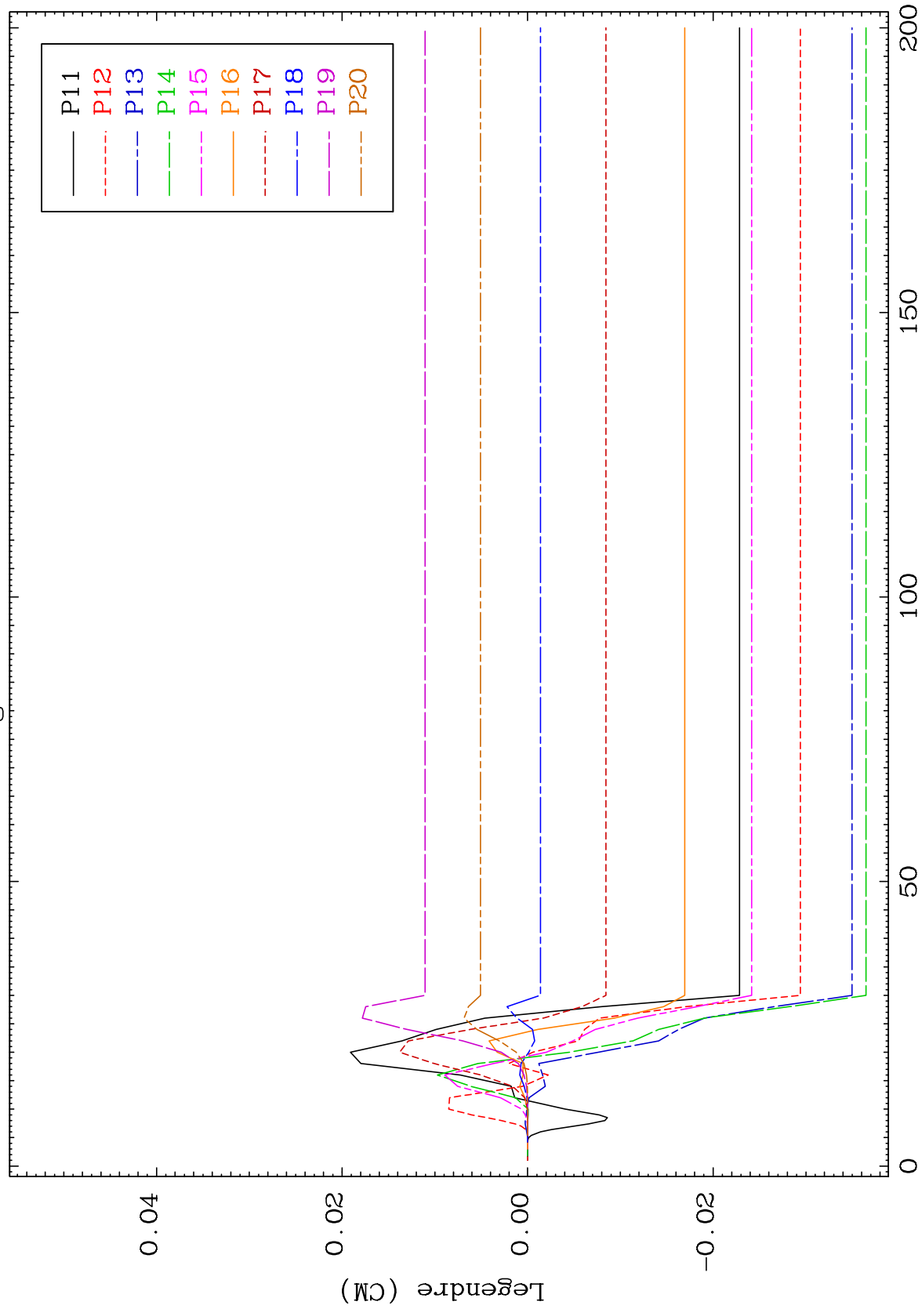
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



29

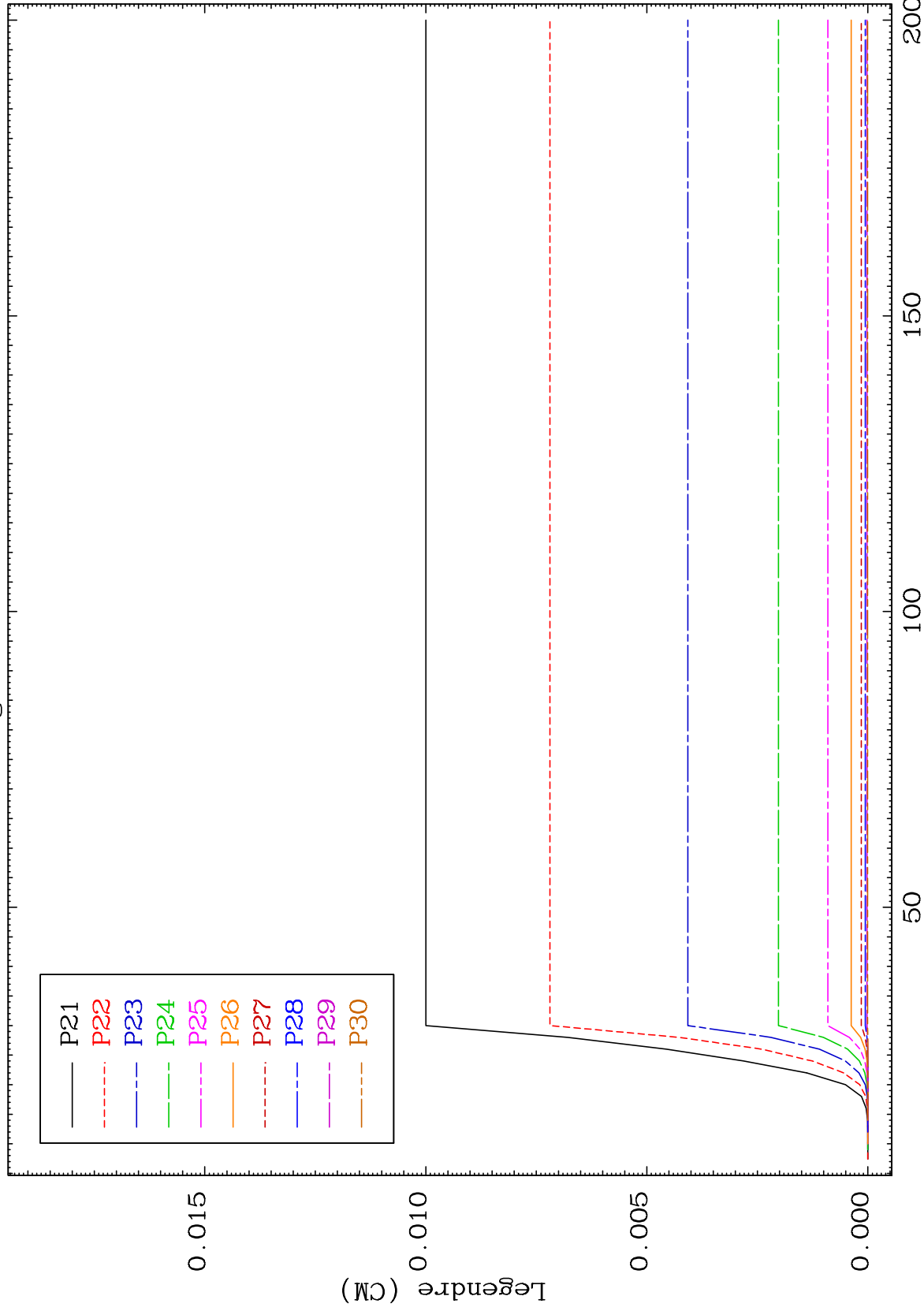
Incident Energy (MeV)

79-Au-195

MAT 7919

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

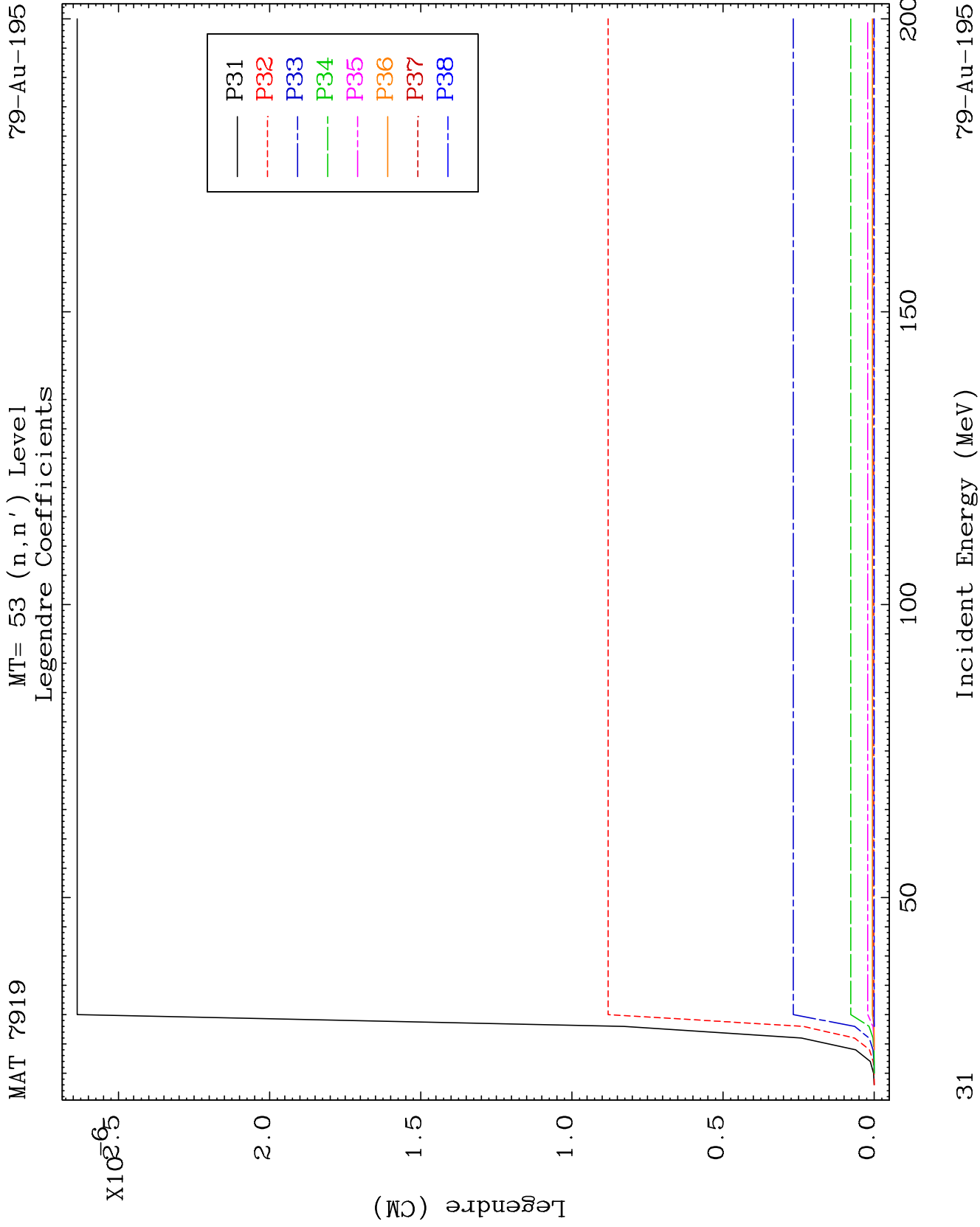
79-Au-195



30

Incident Energy (MeV)

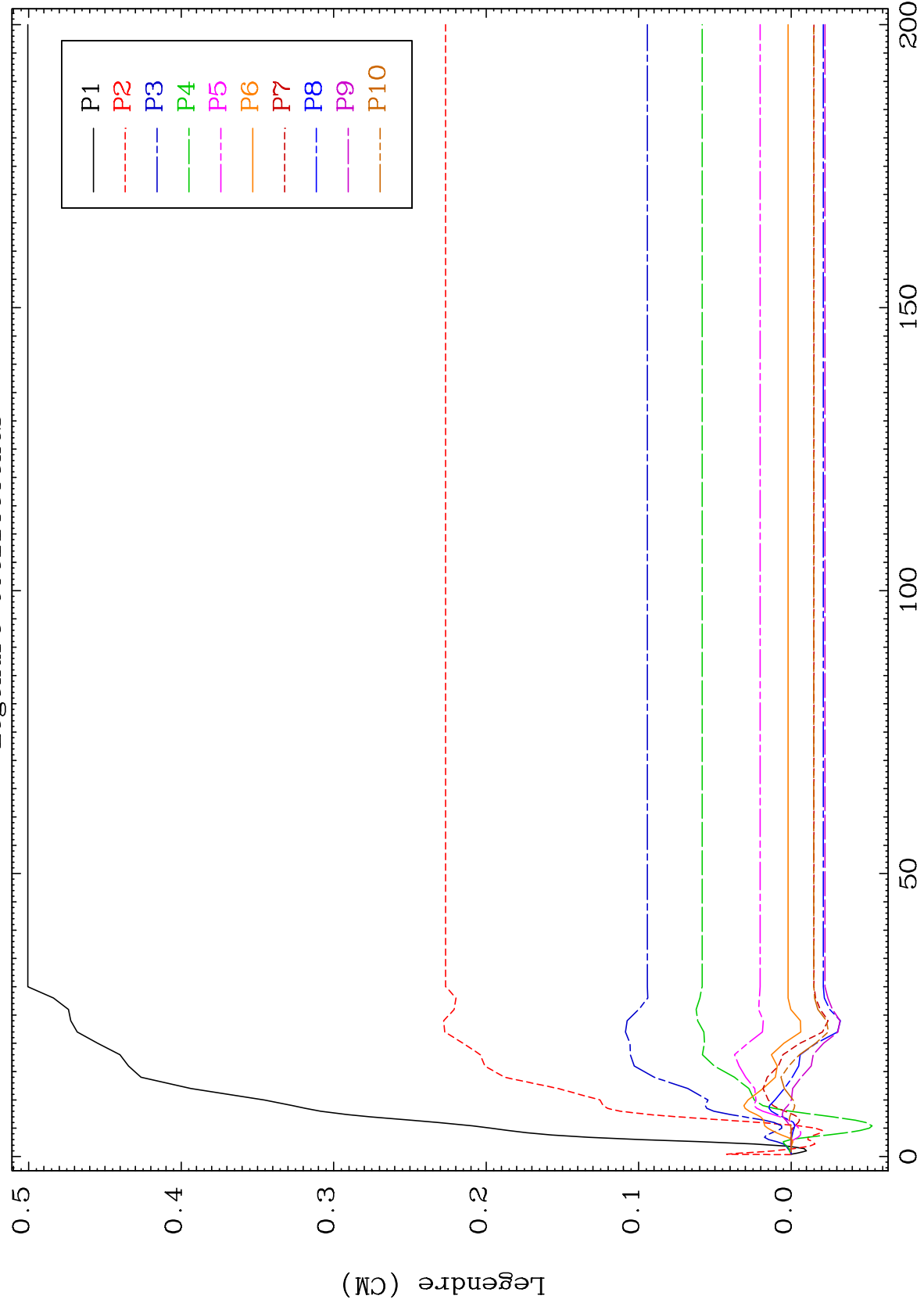
79-Au-195



MAT 7919

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

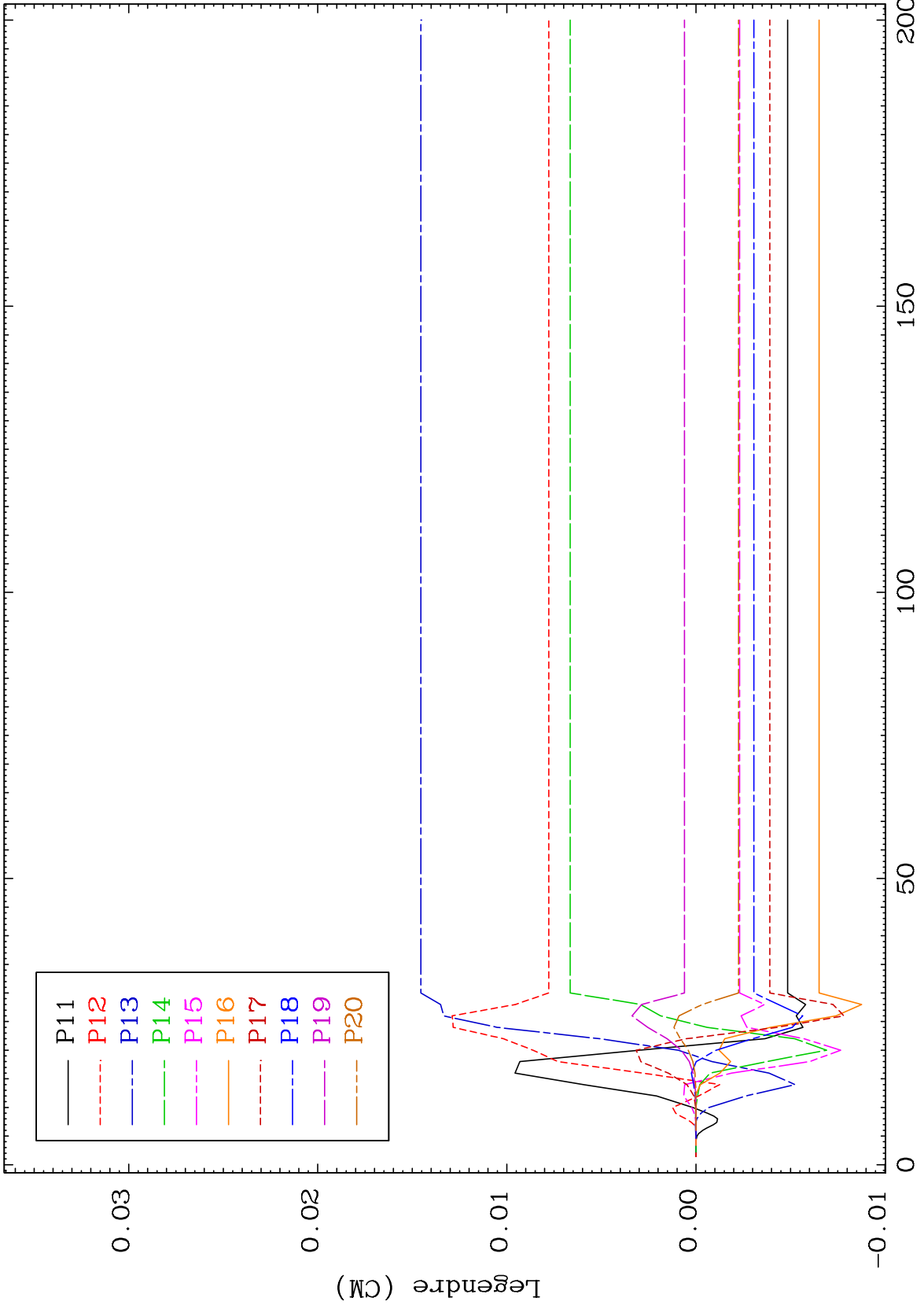
79-Au-195



32

Incident Energy (MeV)

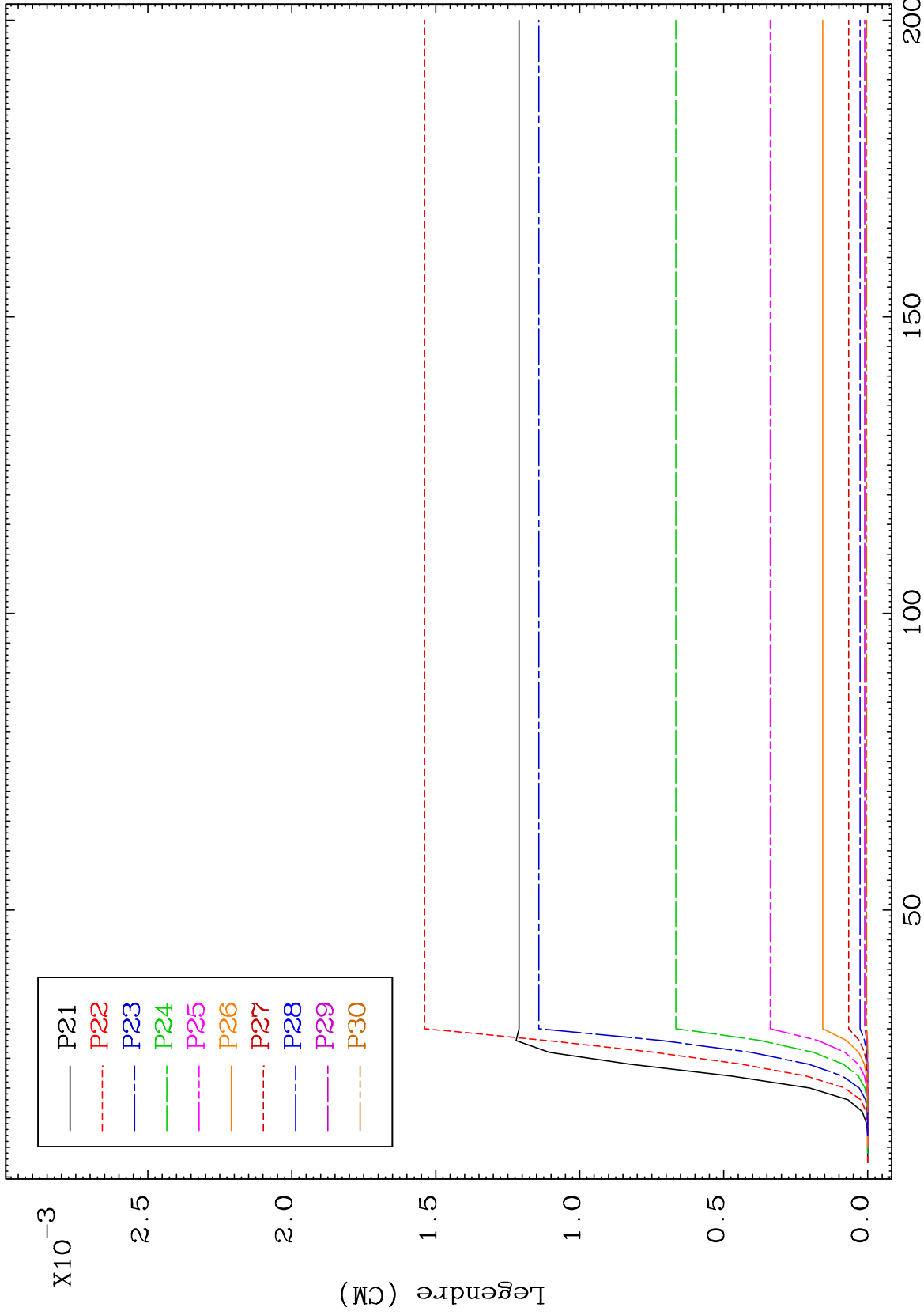
79-Au-195



MAT 7919

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

79-Au-195



34

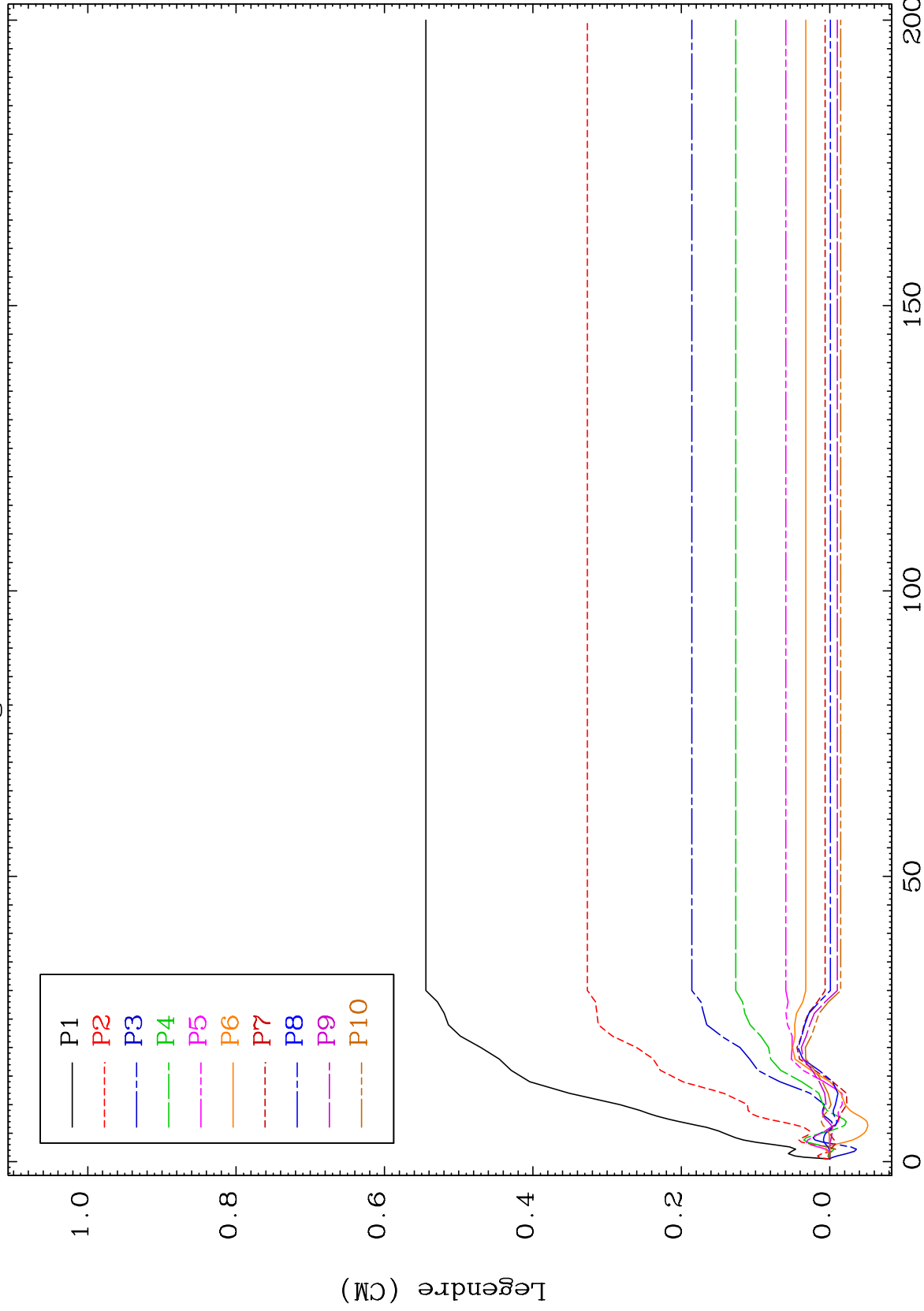
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195

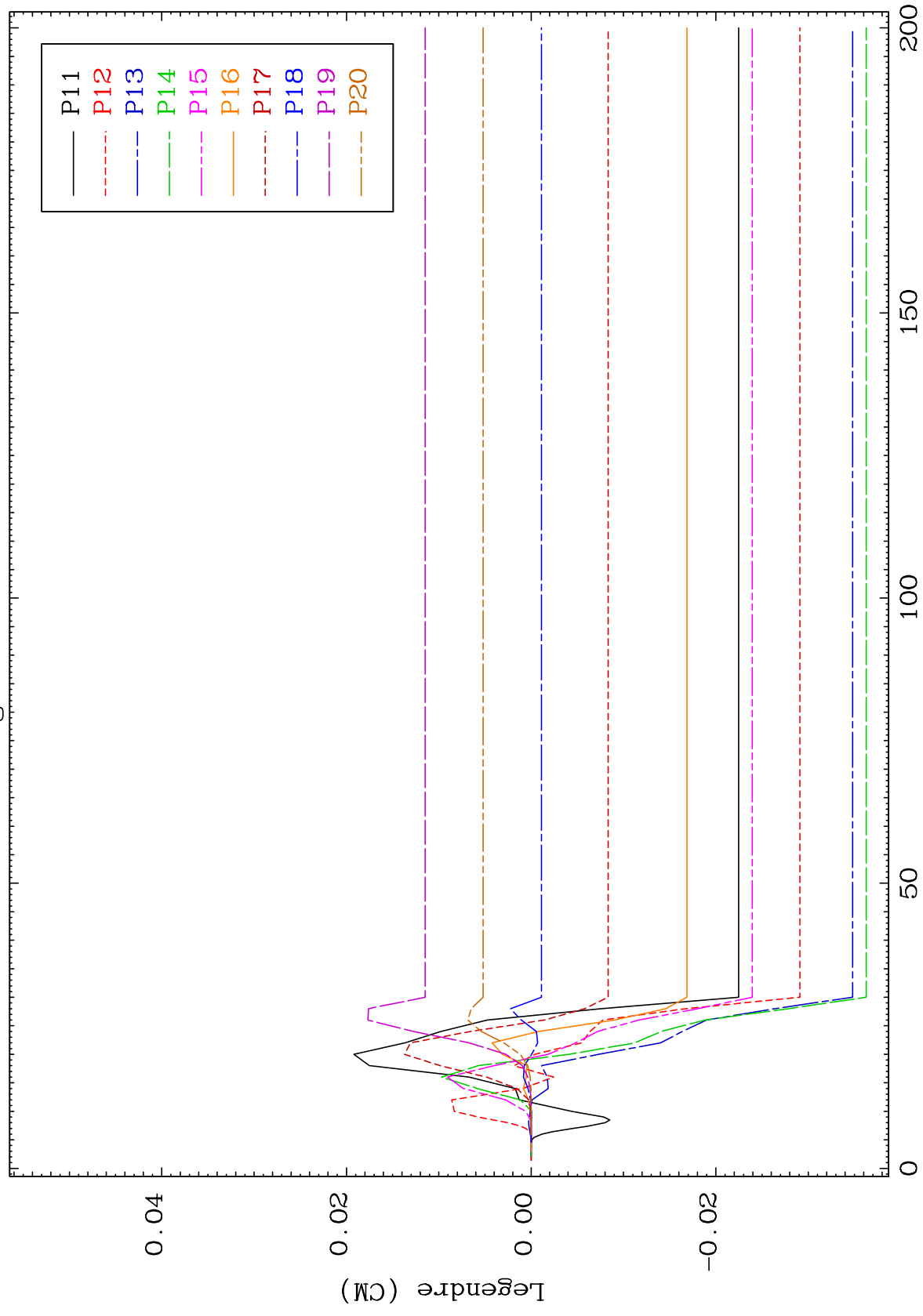


36

MAT 7919

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

79-Au-195



32

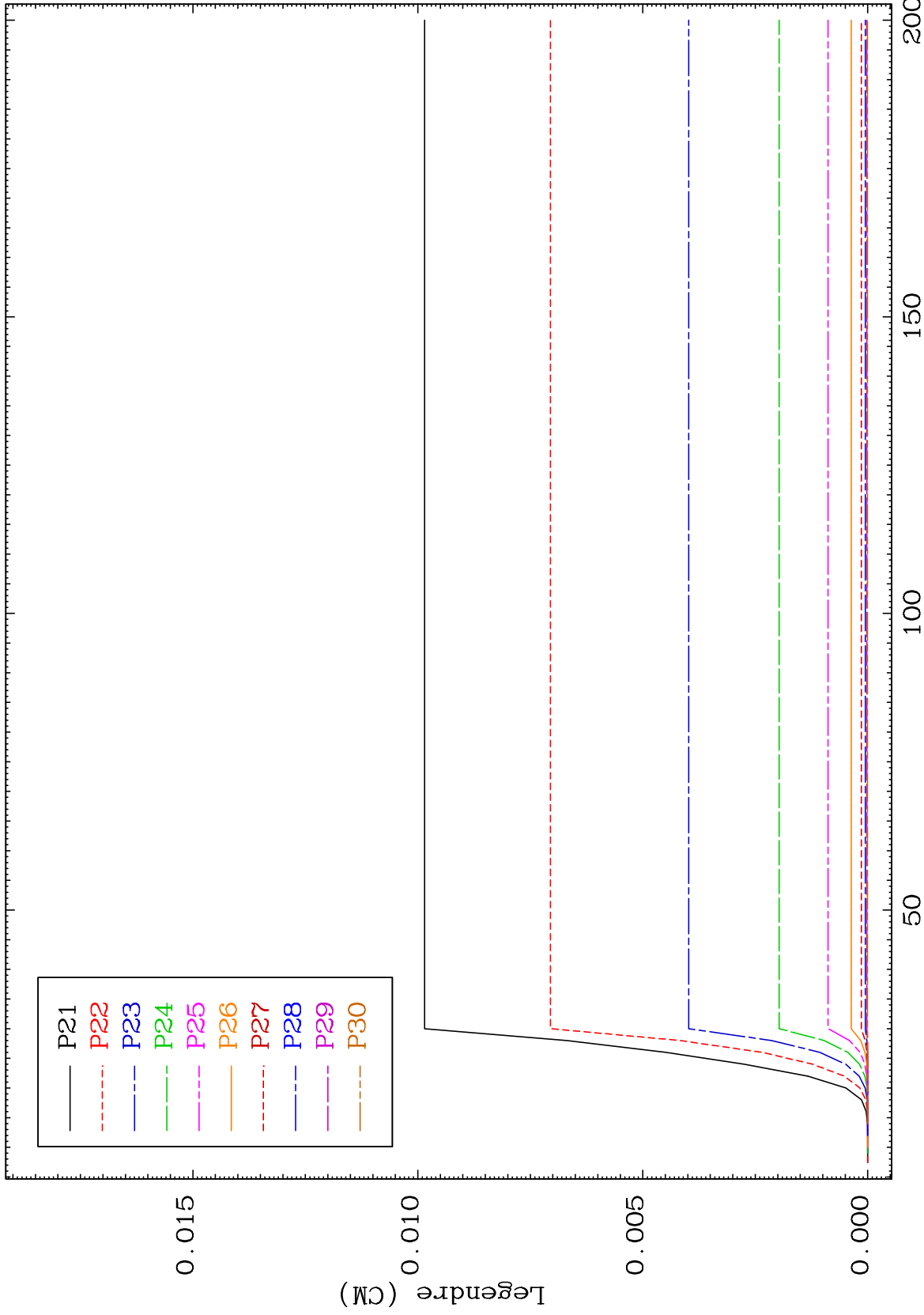
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



38

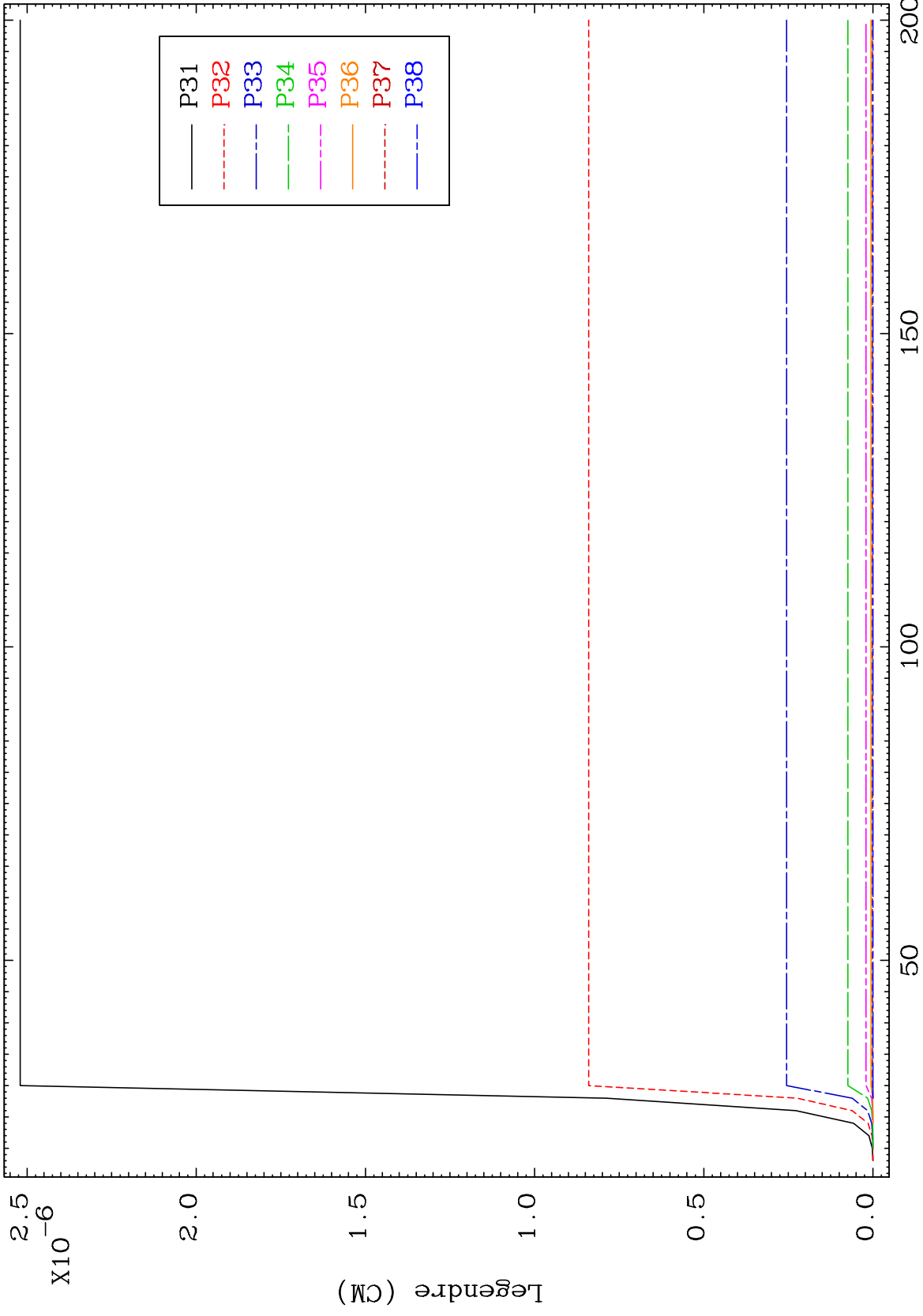
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



39

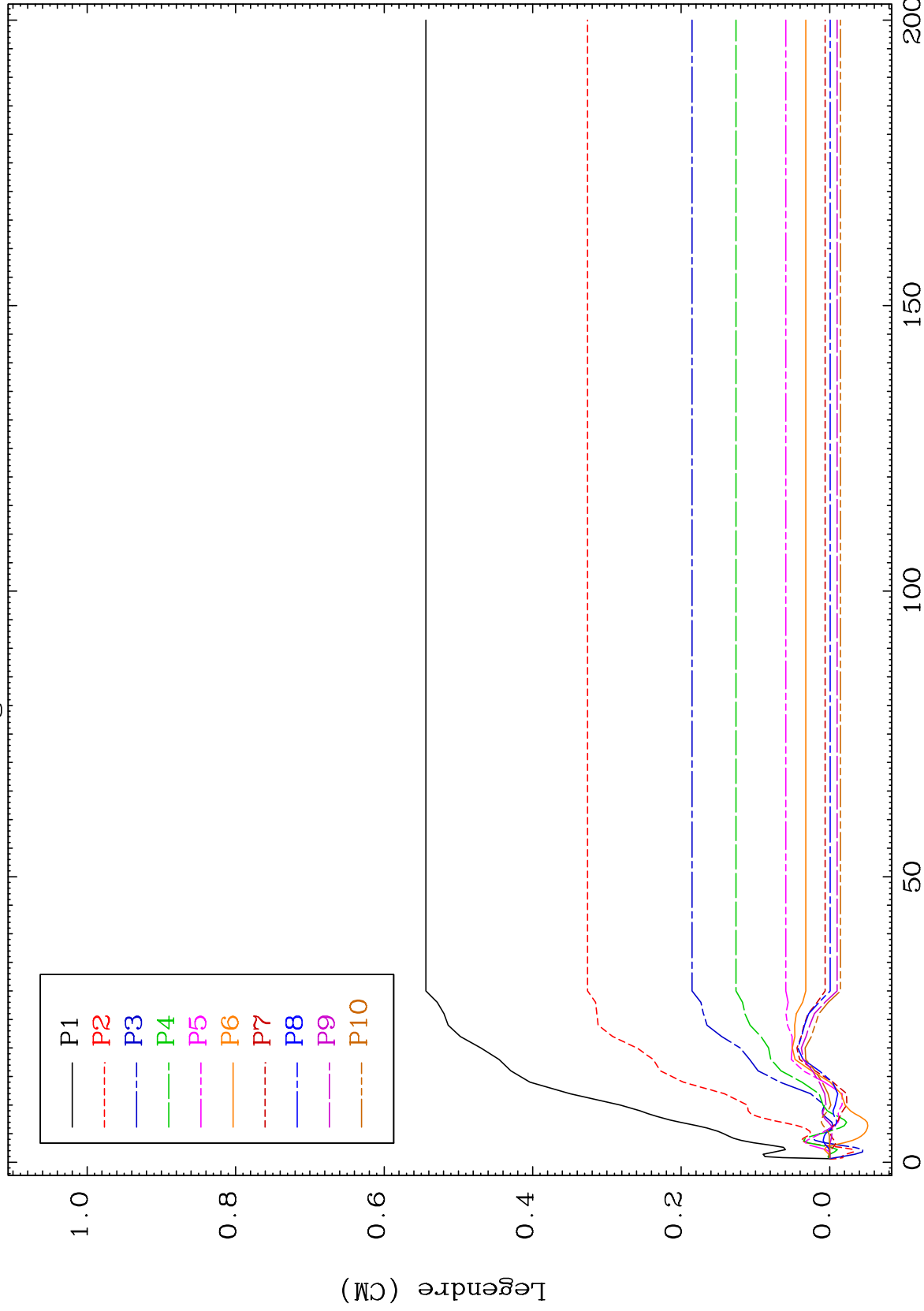
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



40

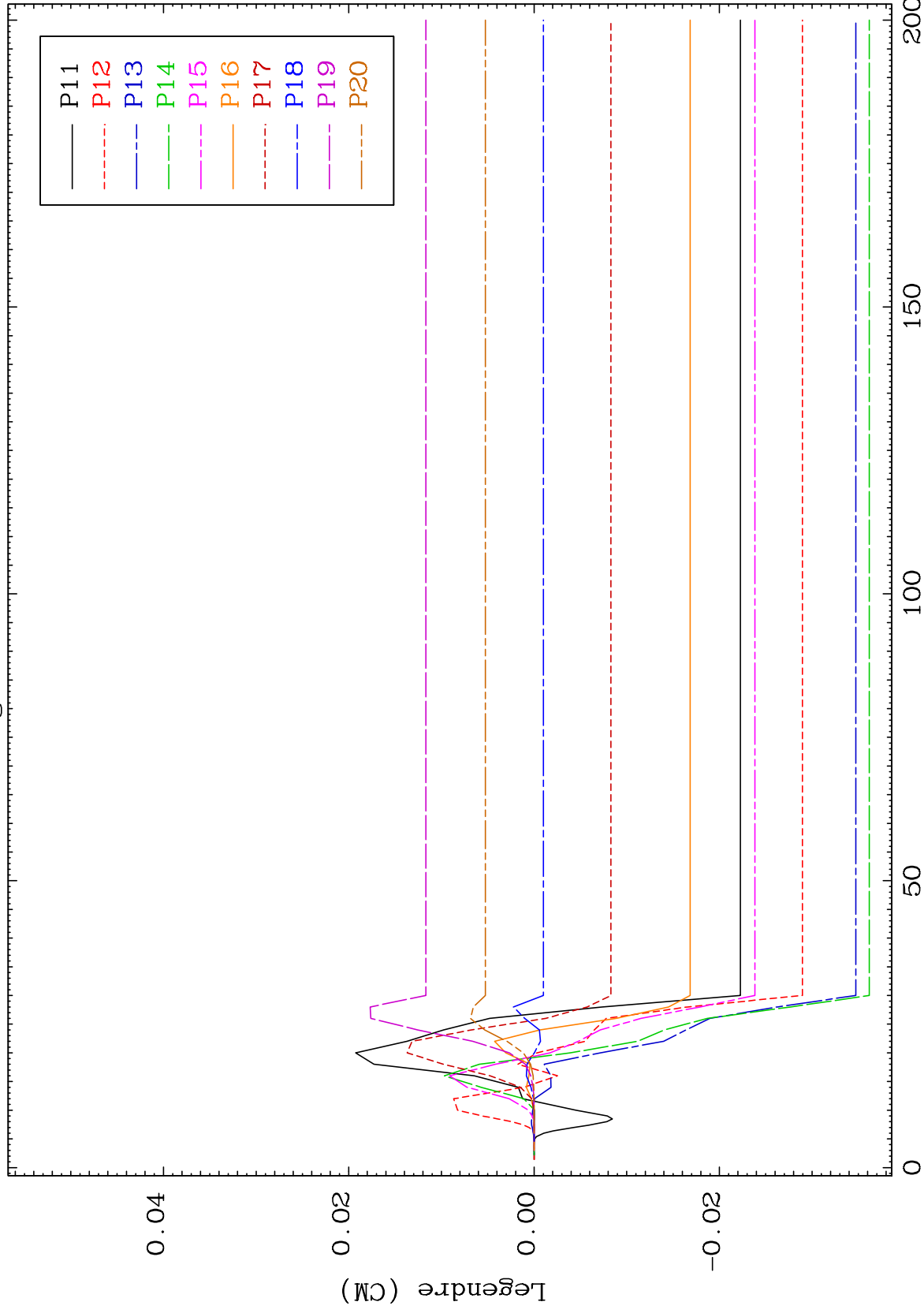
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



41

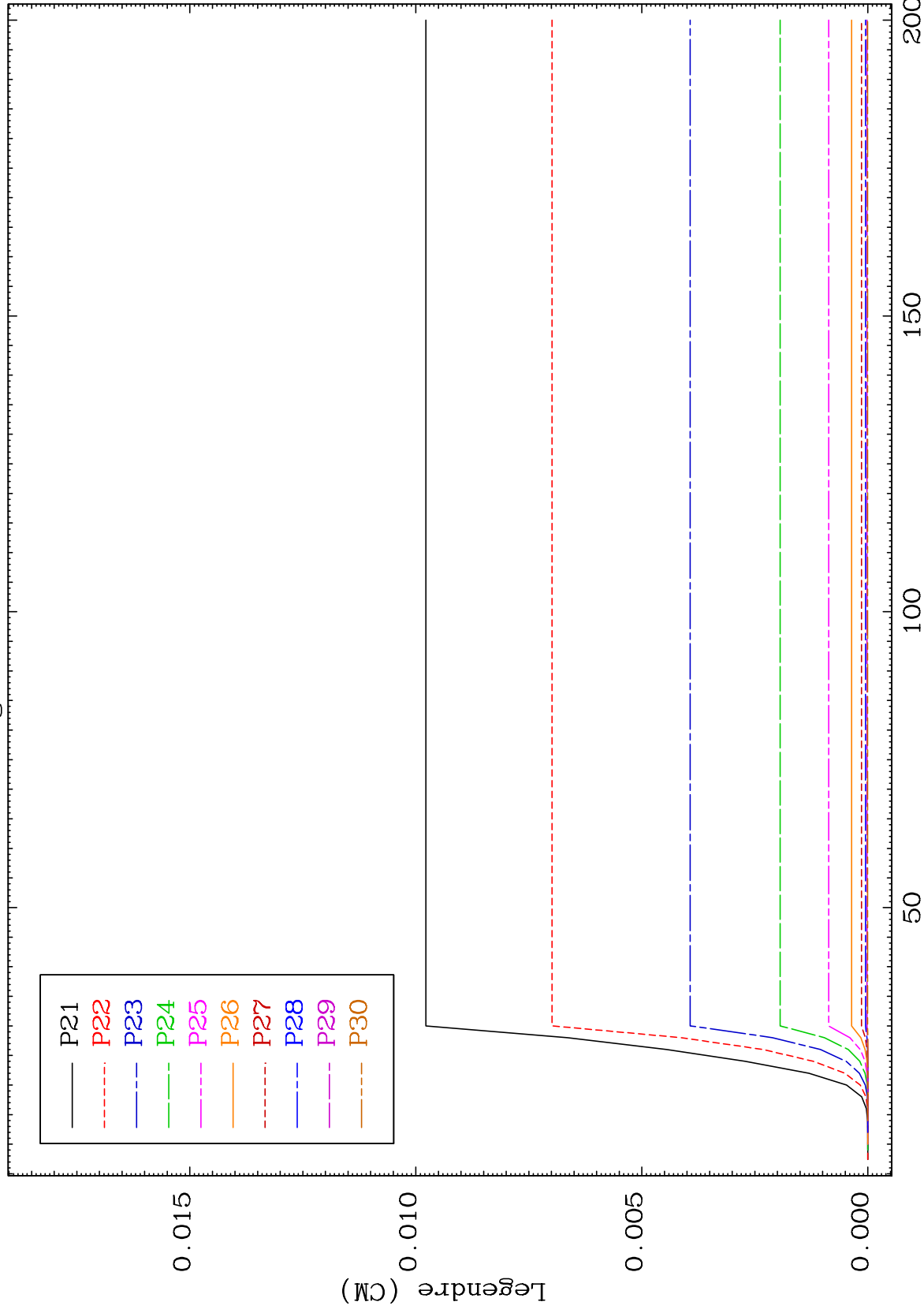
Incident Energy (MeV)

79-Au-195

MAT 7919

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

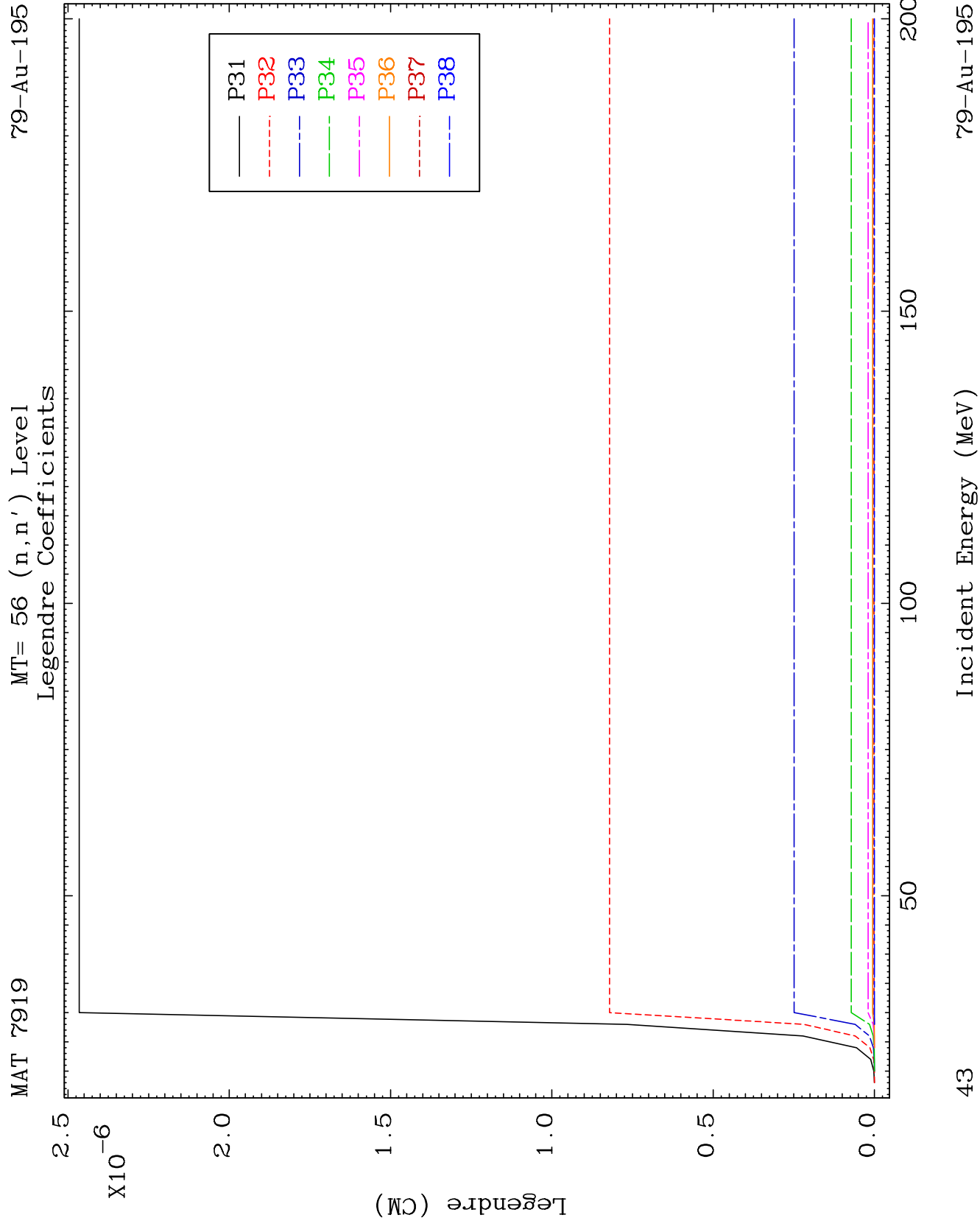
79-Au-195



42

Incident Energy (MeV)

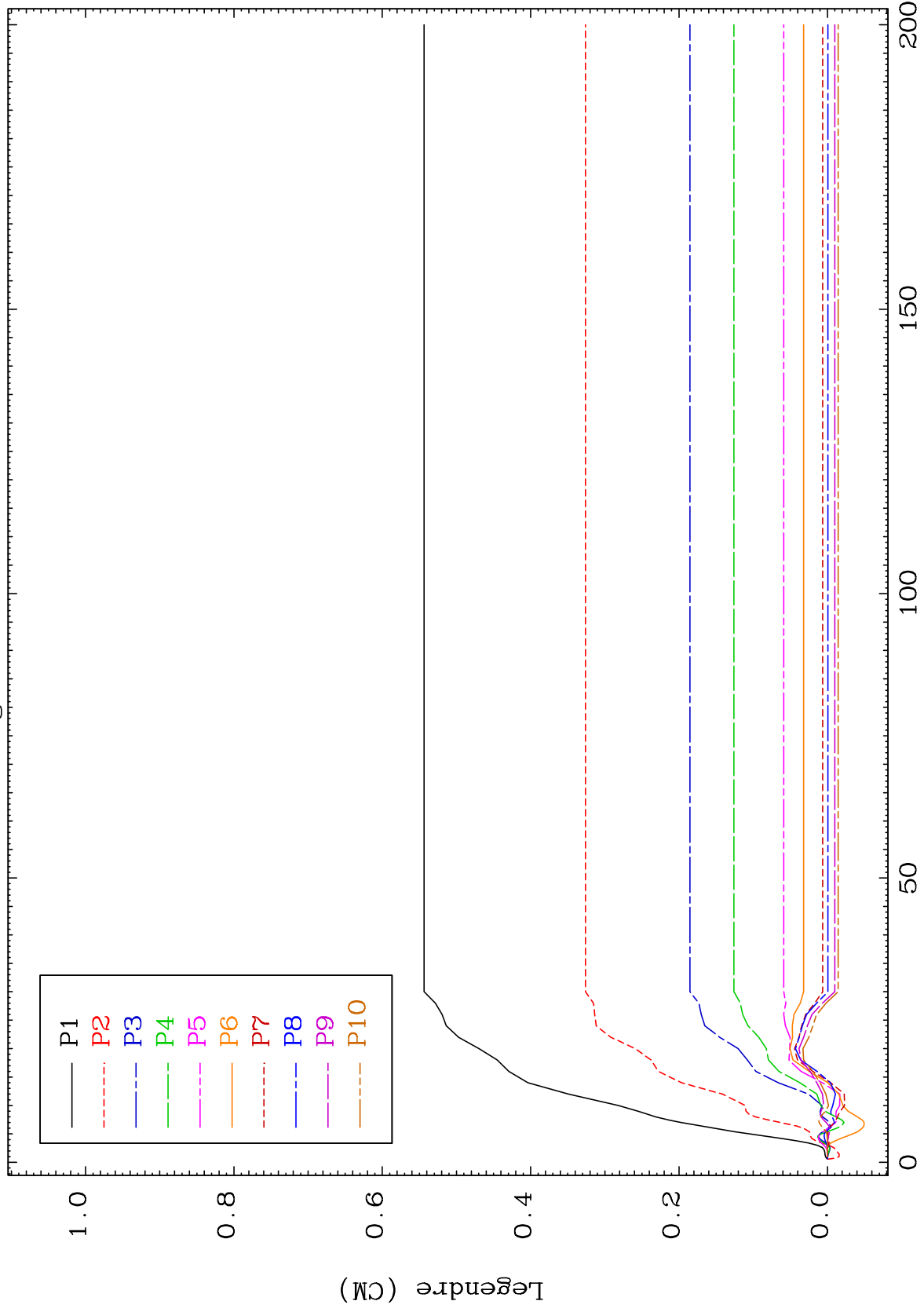
79-Au-195



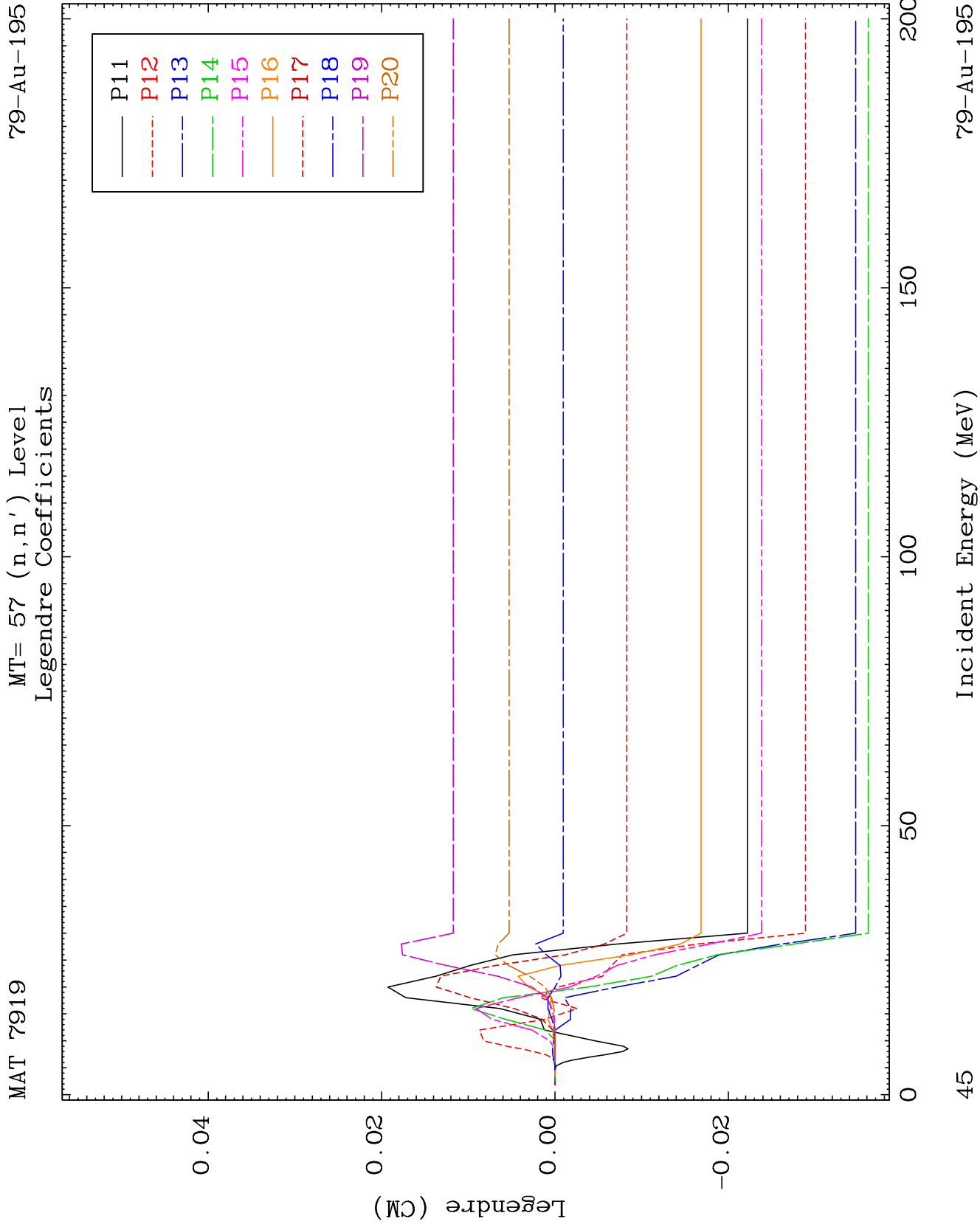
MAT 7919

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

79-Au-195



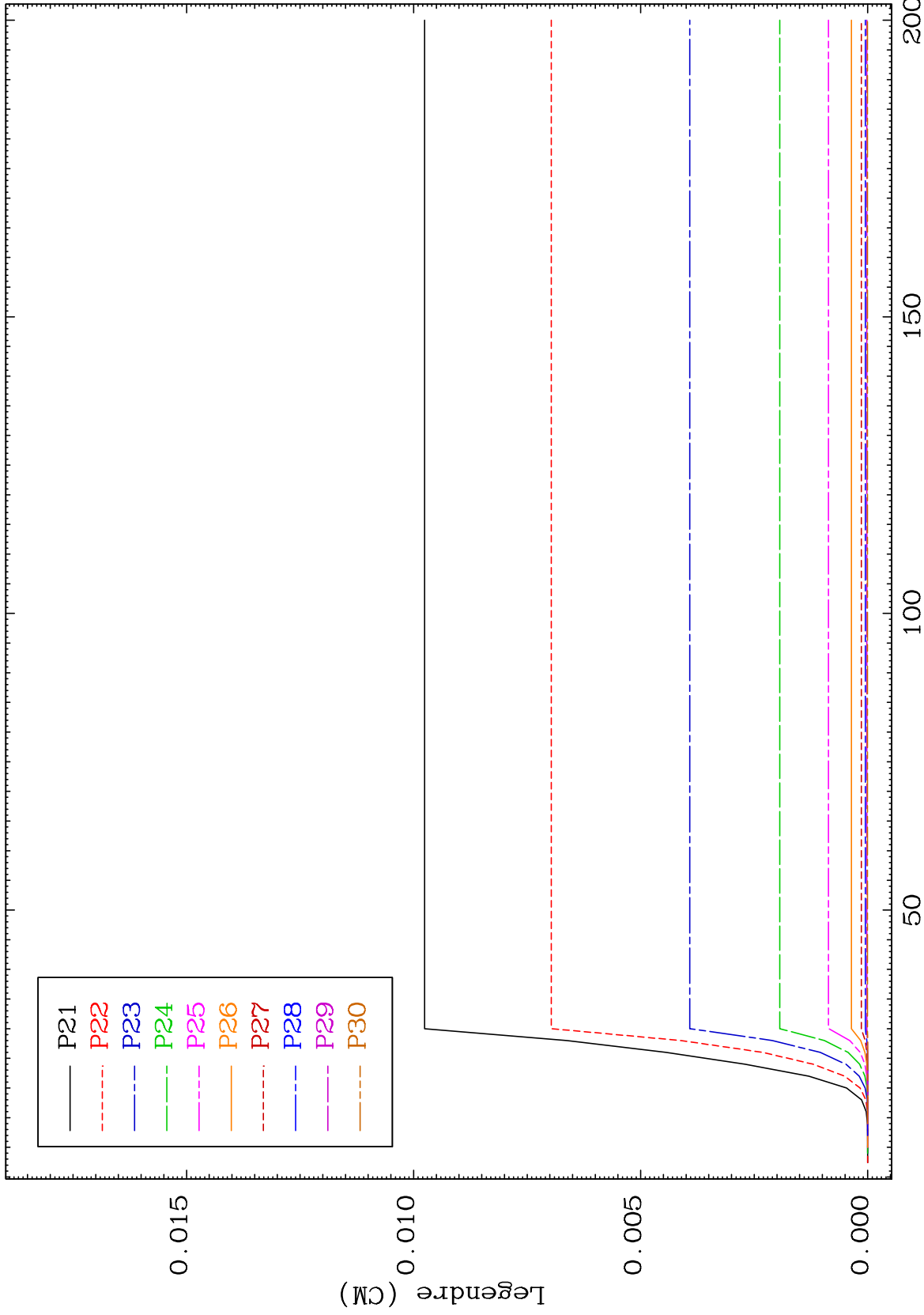
44



MAT 7919

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

79-Au-195



46

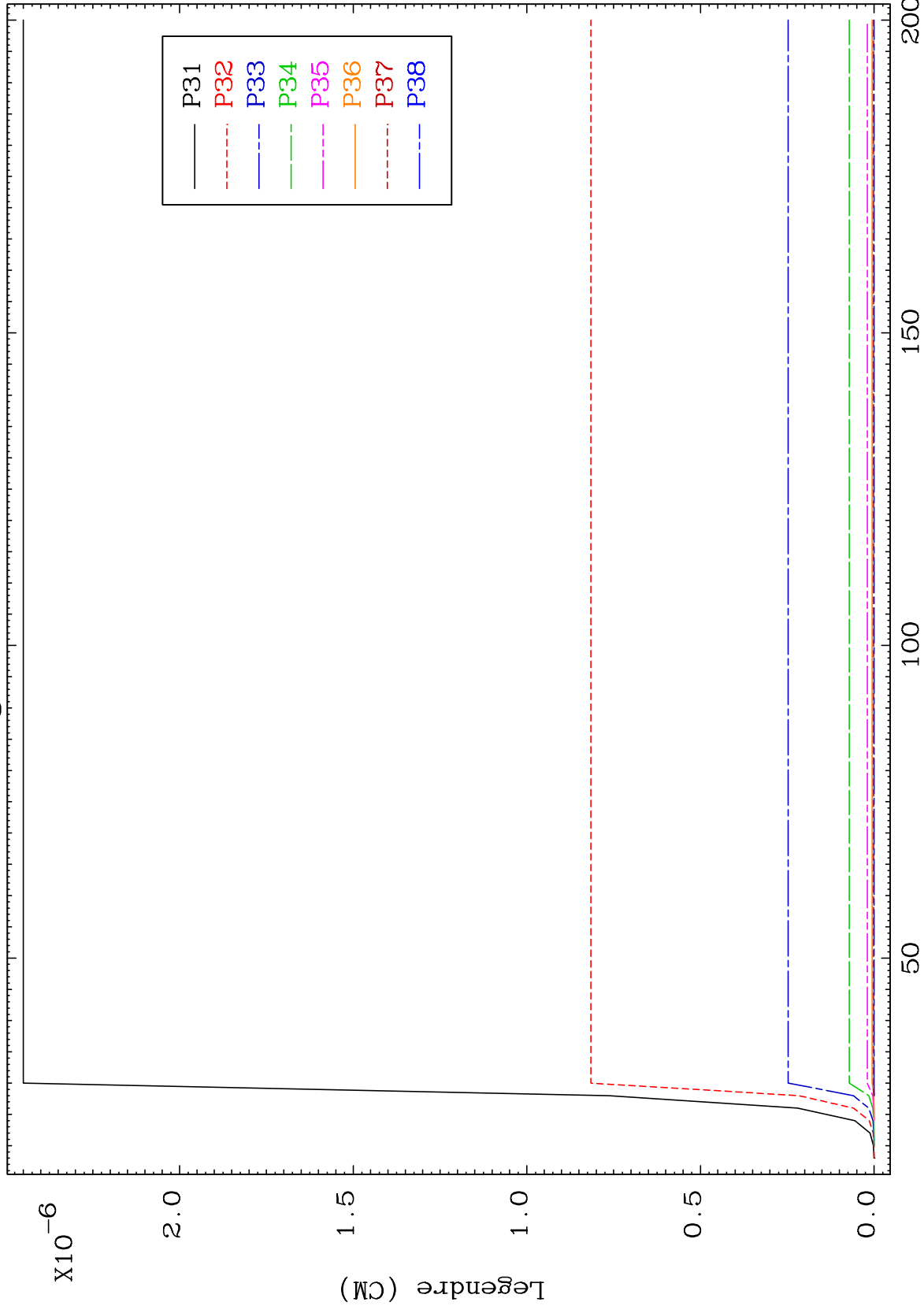
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



47

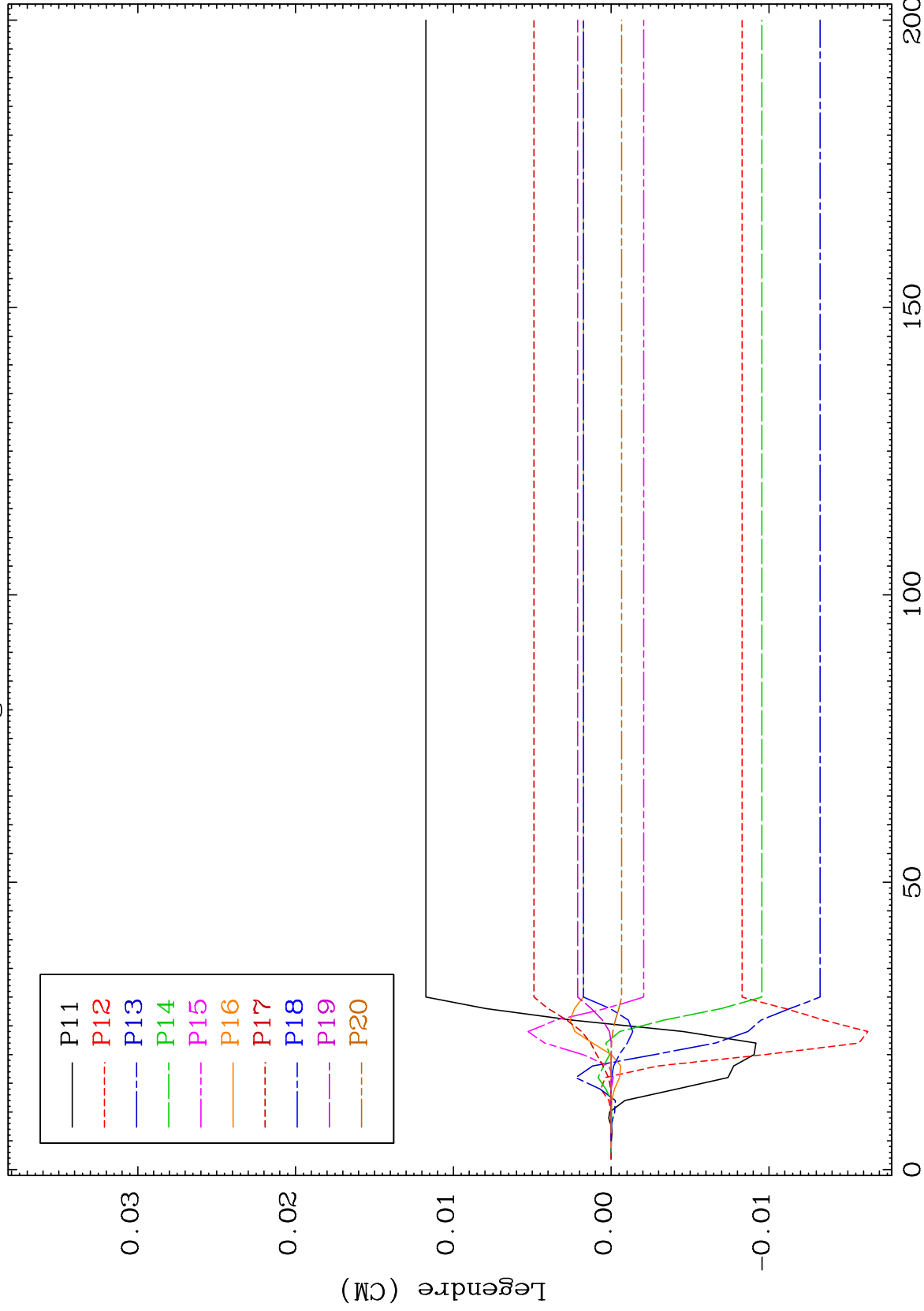
Incident Energy (MeV)

79-Au-195

MAT 7919

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

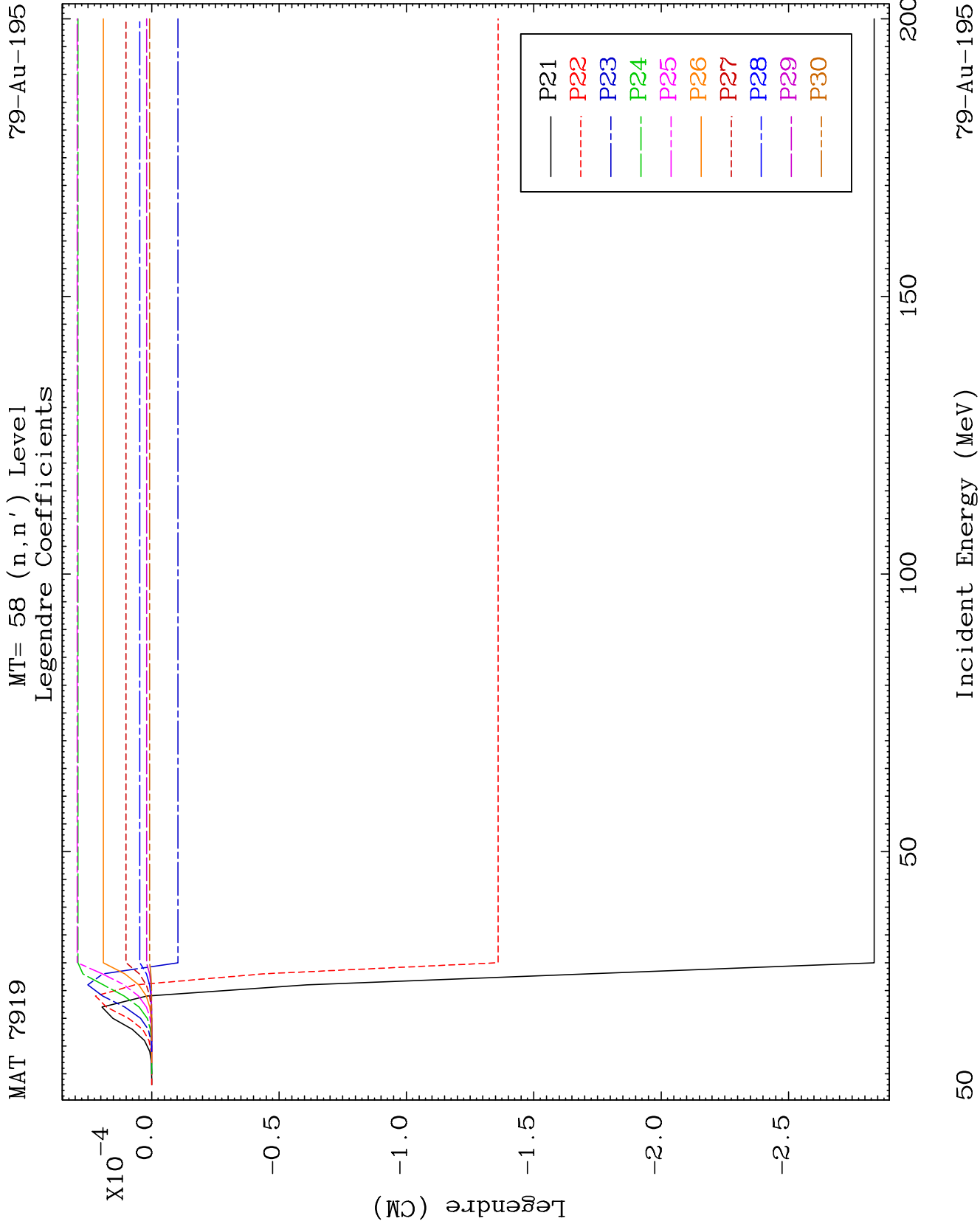
79-Au-195



49

Incident Energy (MeV)

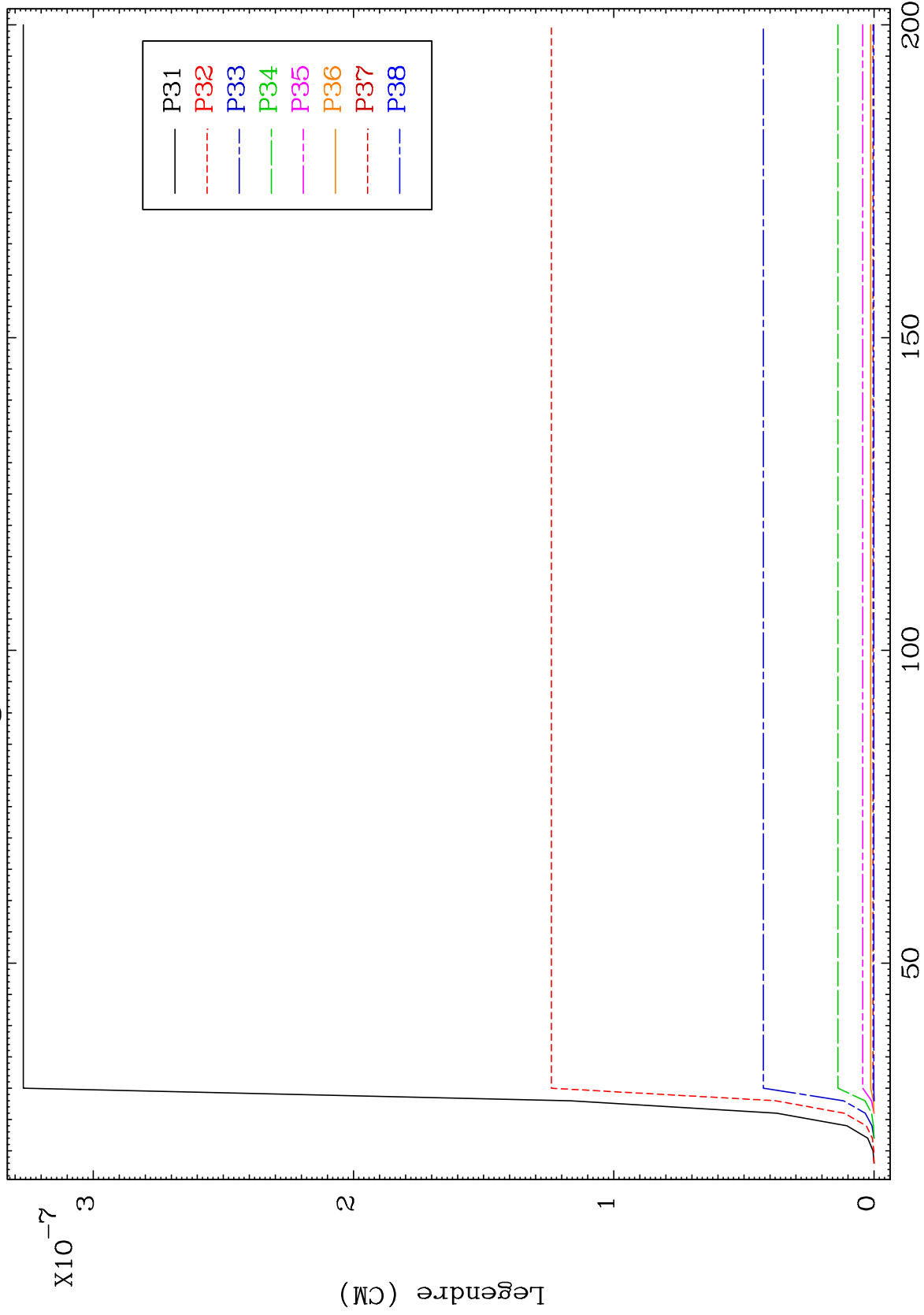
79-Au-195



MAT 7919

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

79-Au-195



51

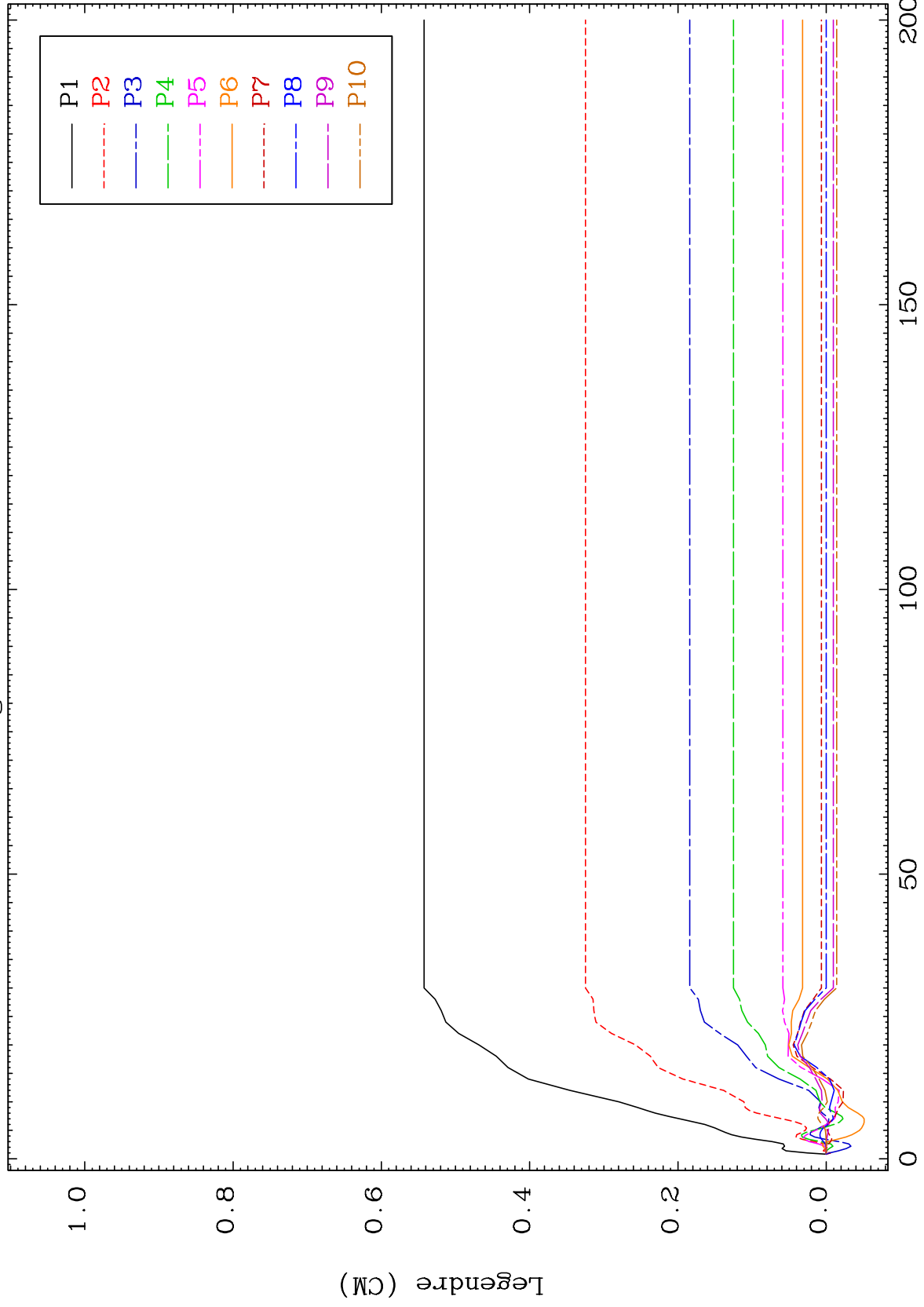
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



52

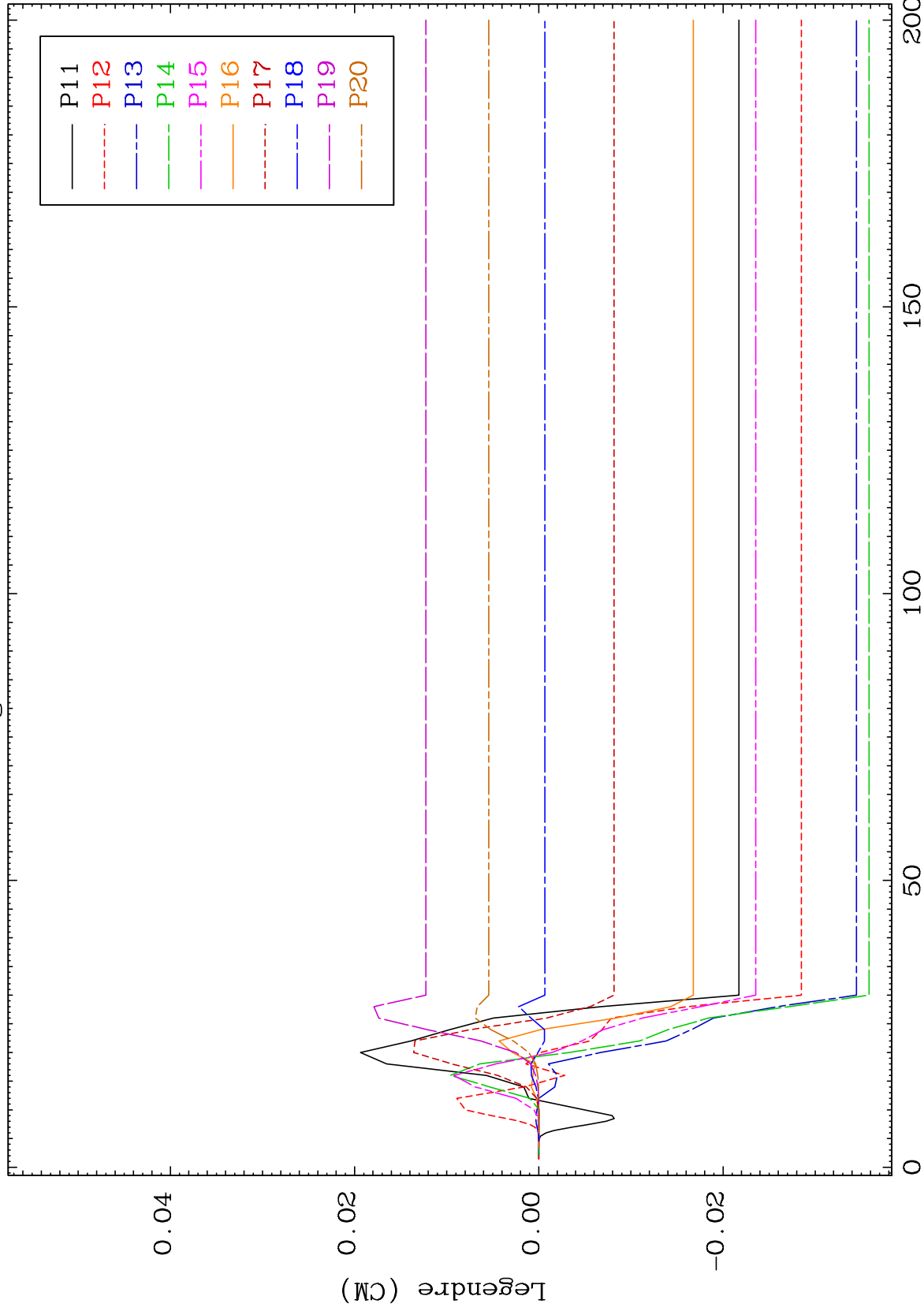
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



53

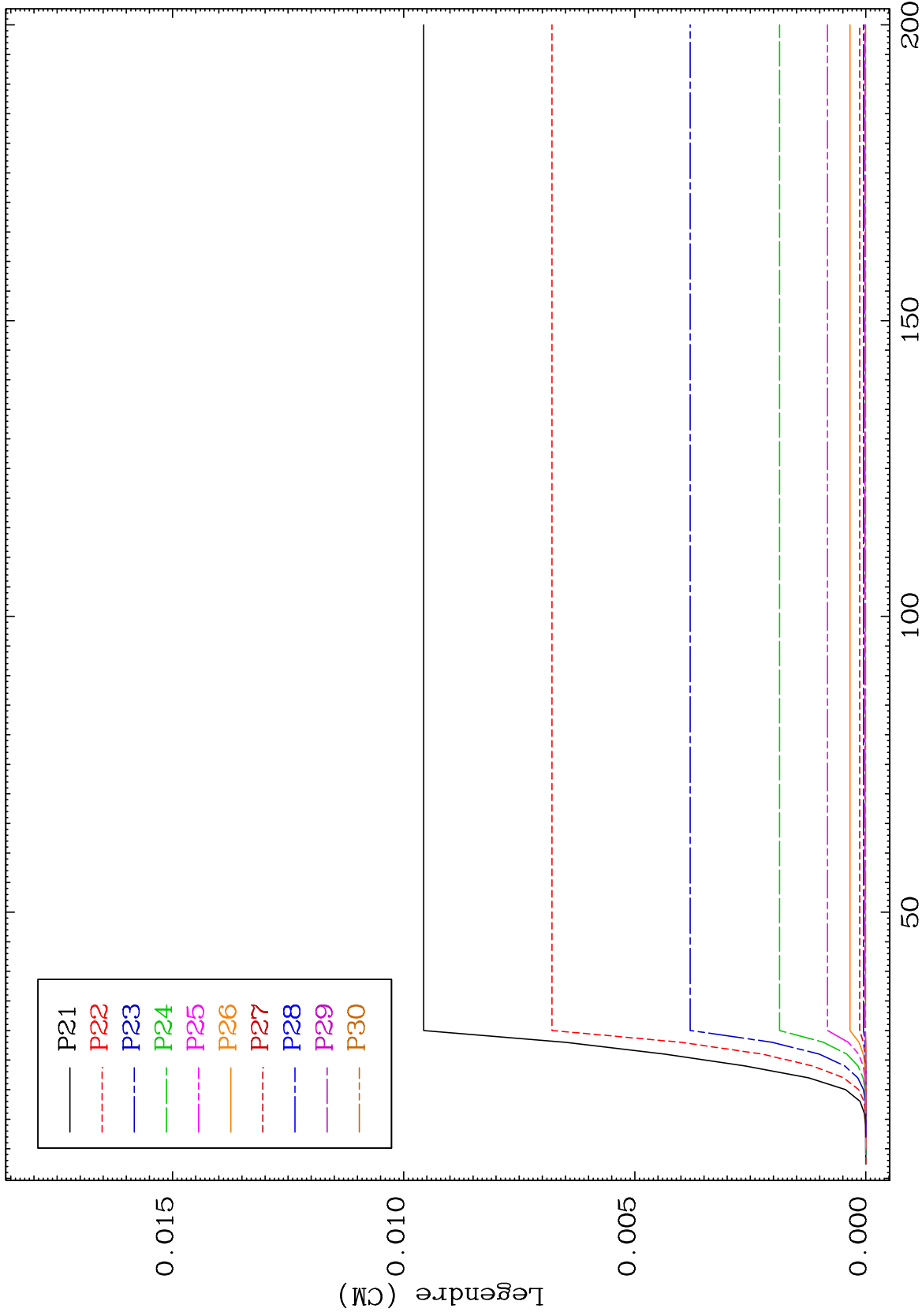
Incident Energy (MeV)

79-Au-195

MAT 7919

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

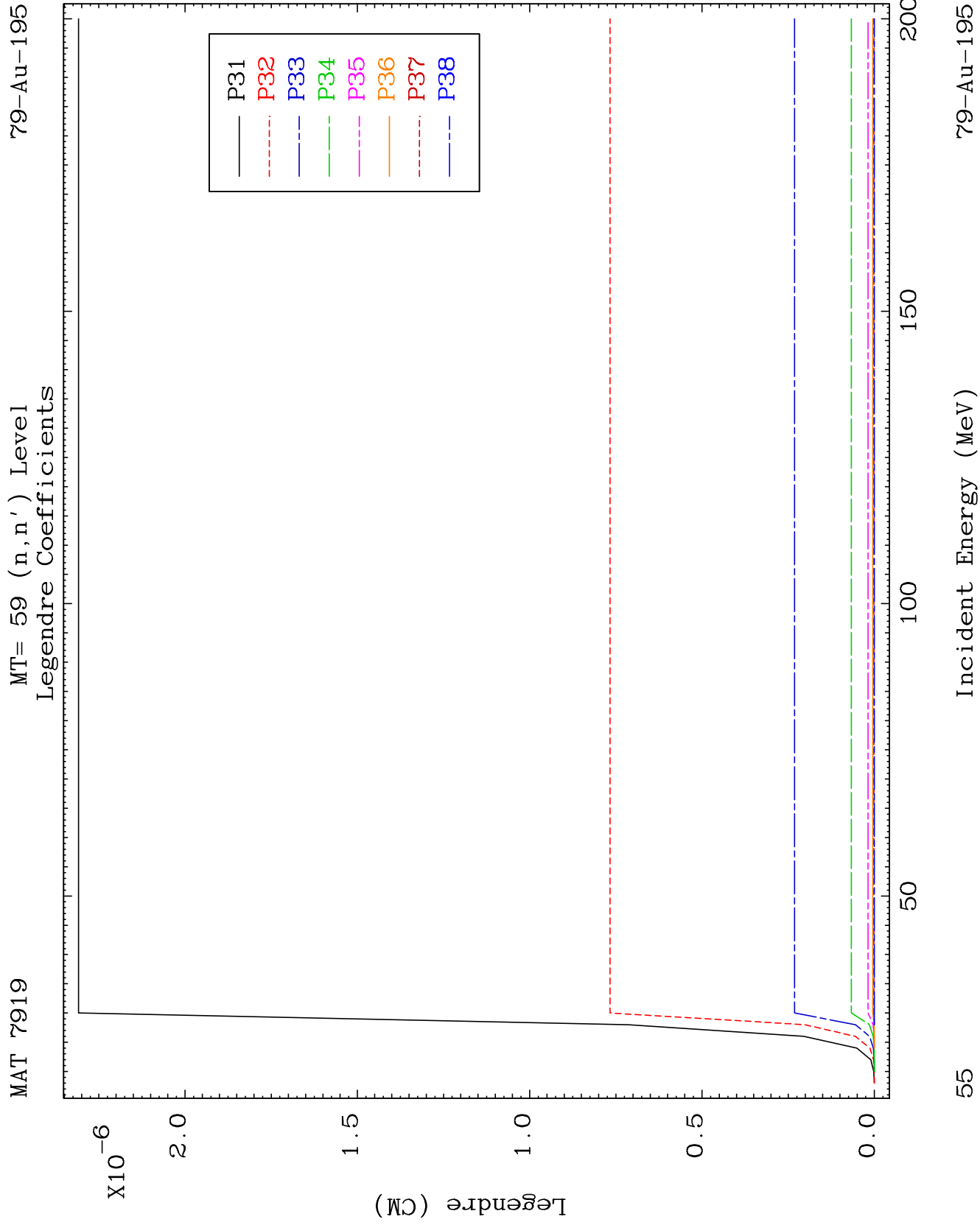
79-Au-195



54

Incident Energy (MeV)

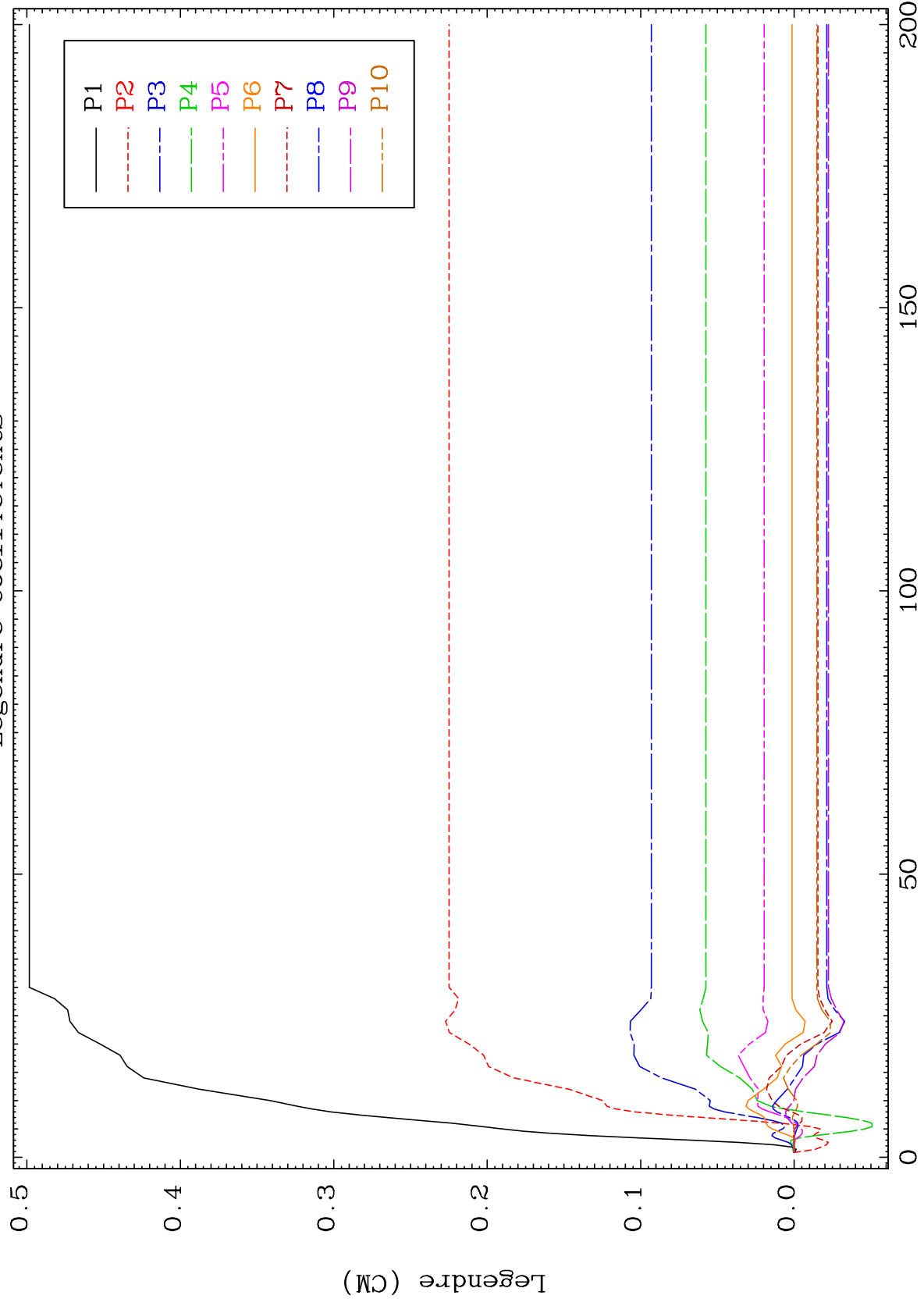
79-Au-195



MAT 7919

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

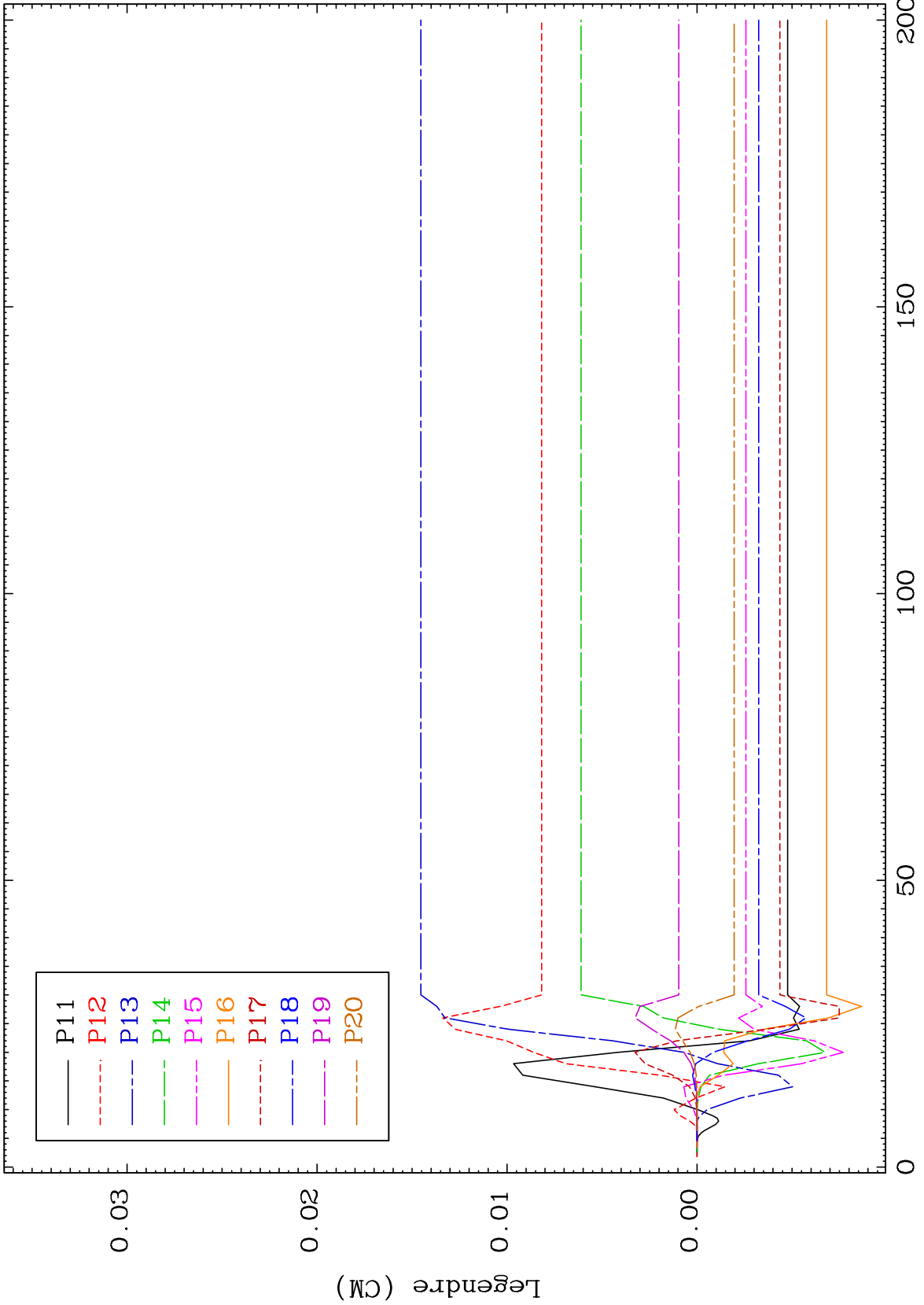
79-Au-195



95

Incident Energy (MeV)

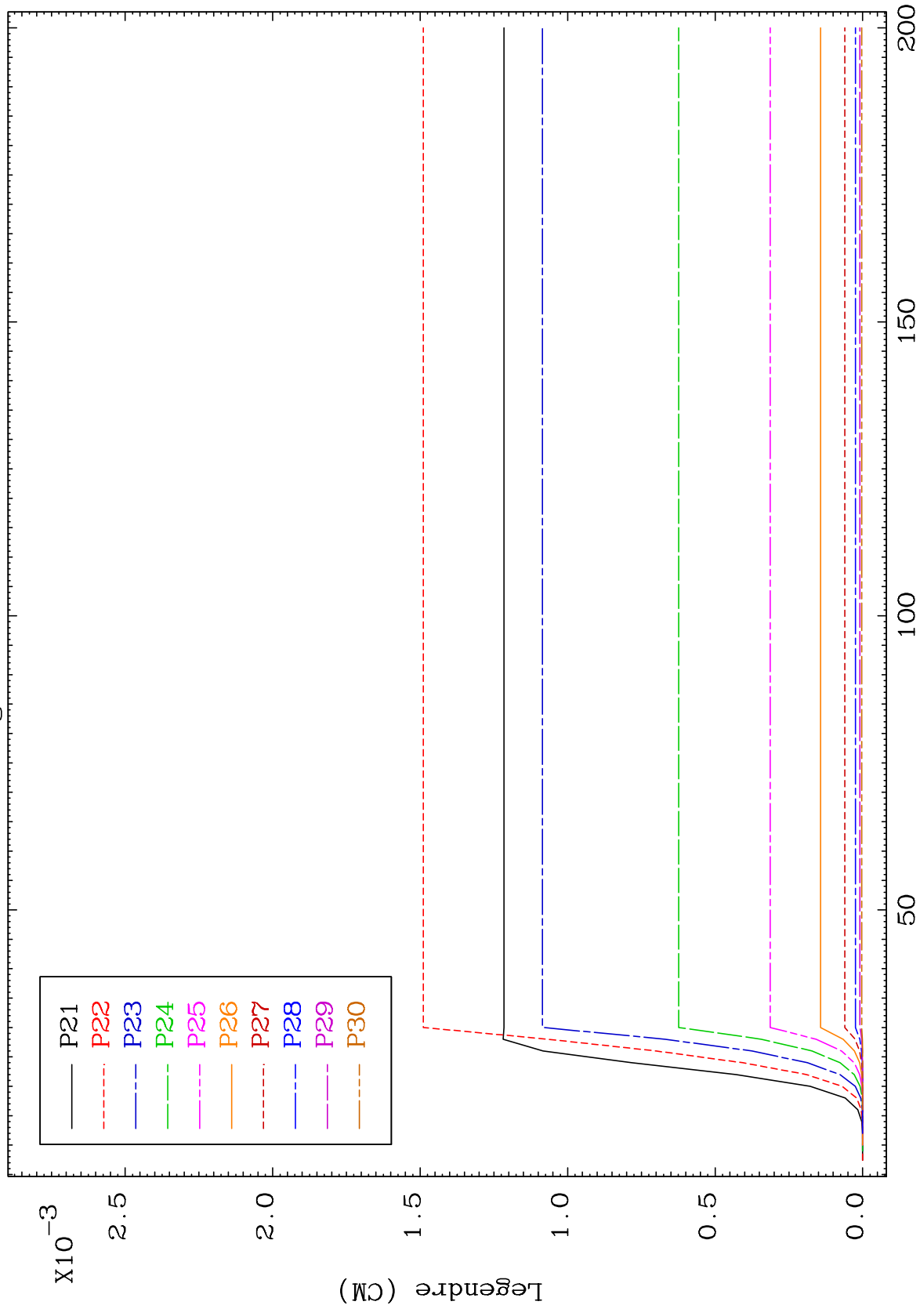
79-Au-195



MAT 7919

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

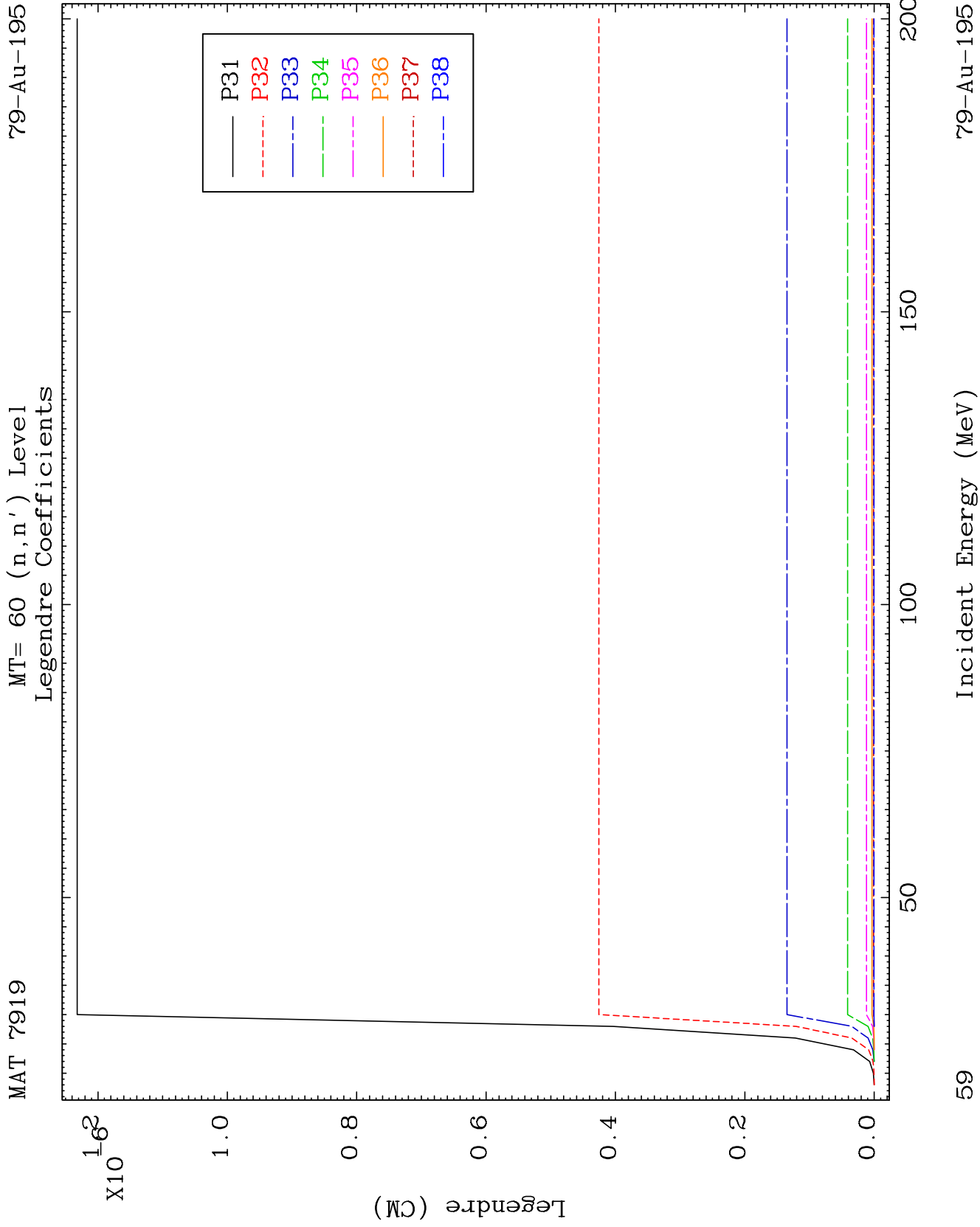
79-Au-195

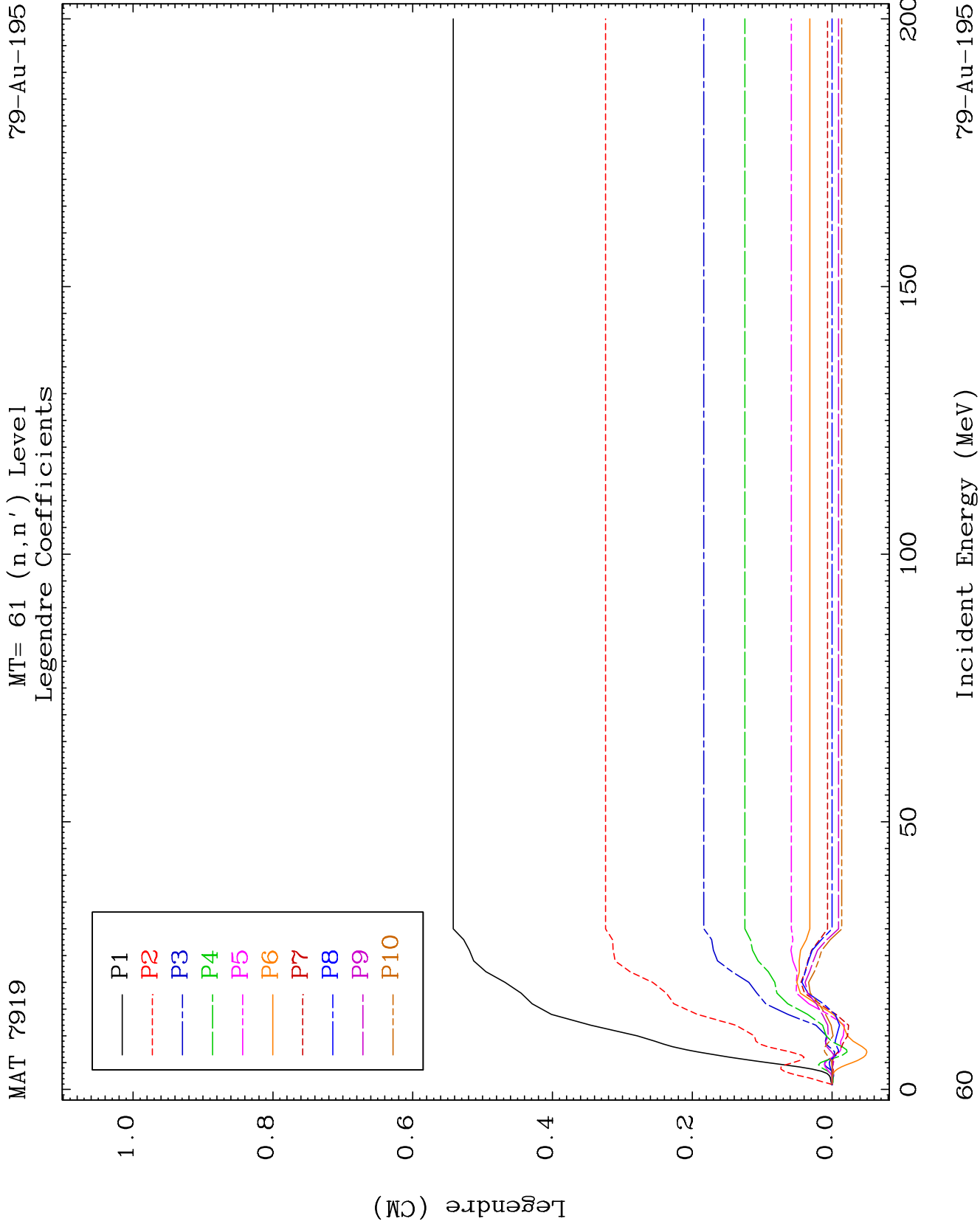


58

Incident Energy (MeV)

79-Au-195

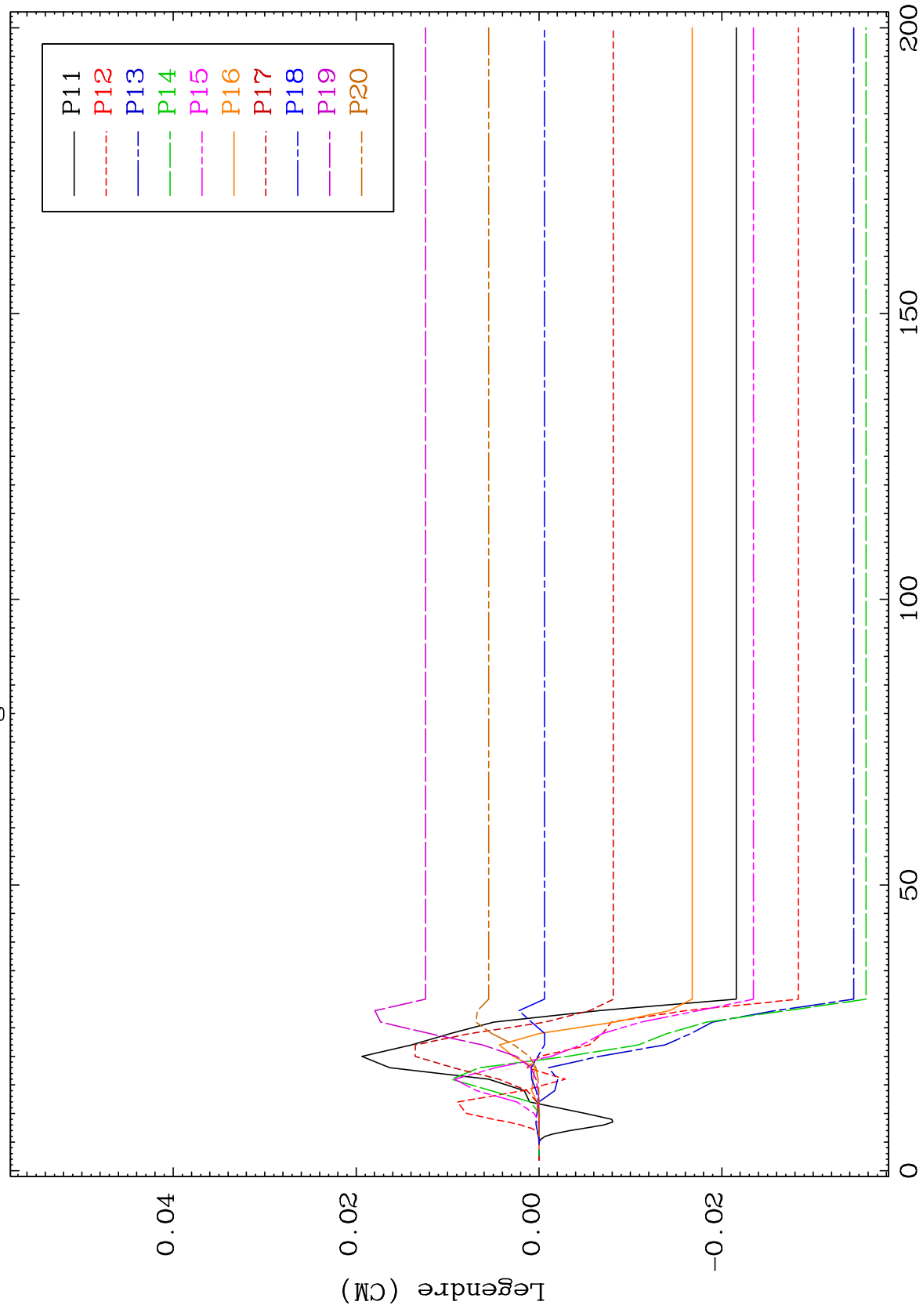




MAT 7919

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

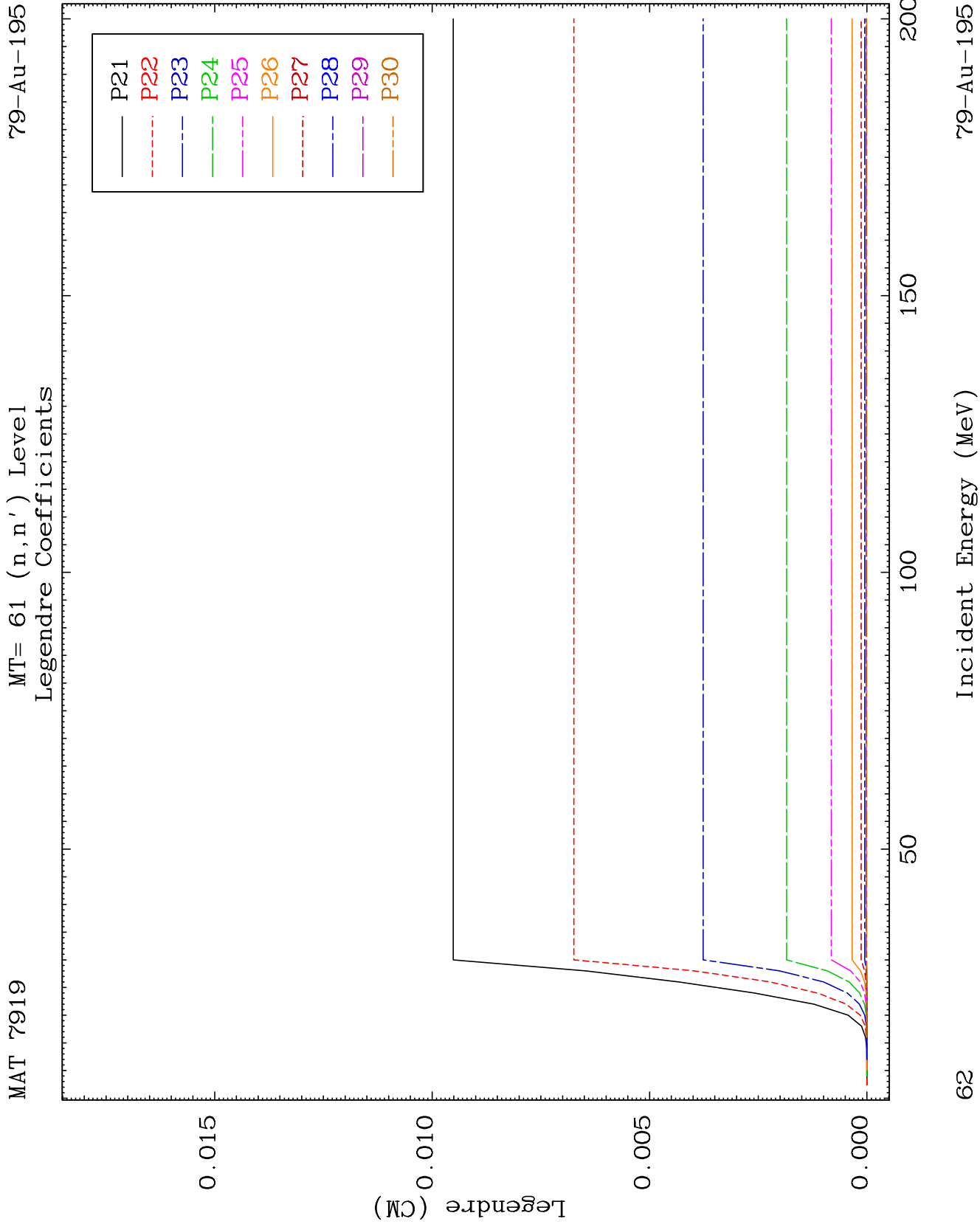
79-Au-195

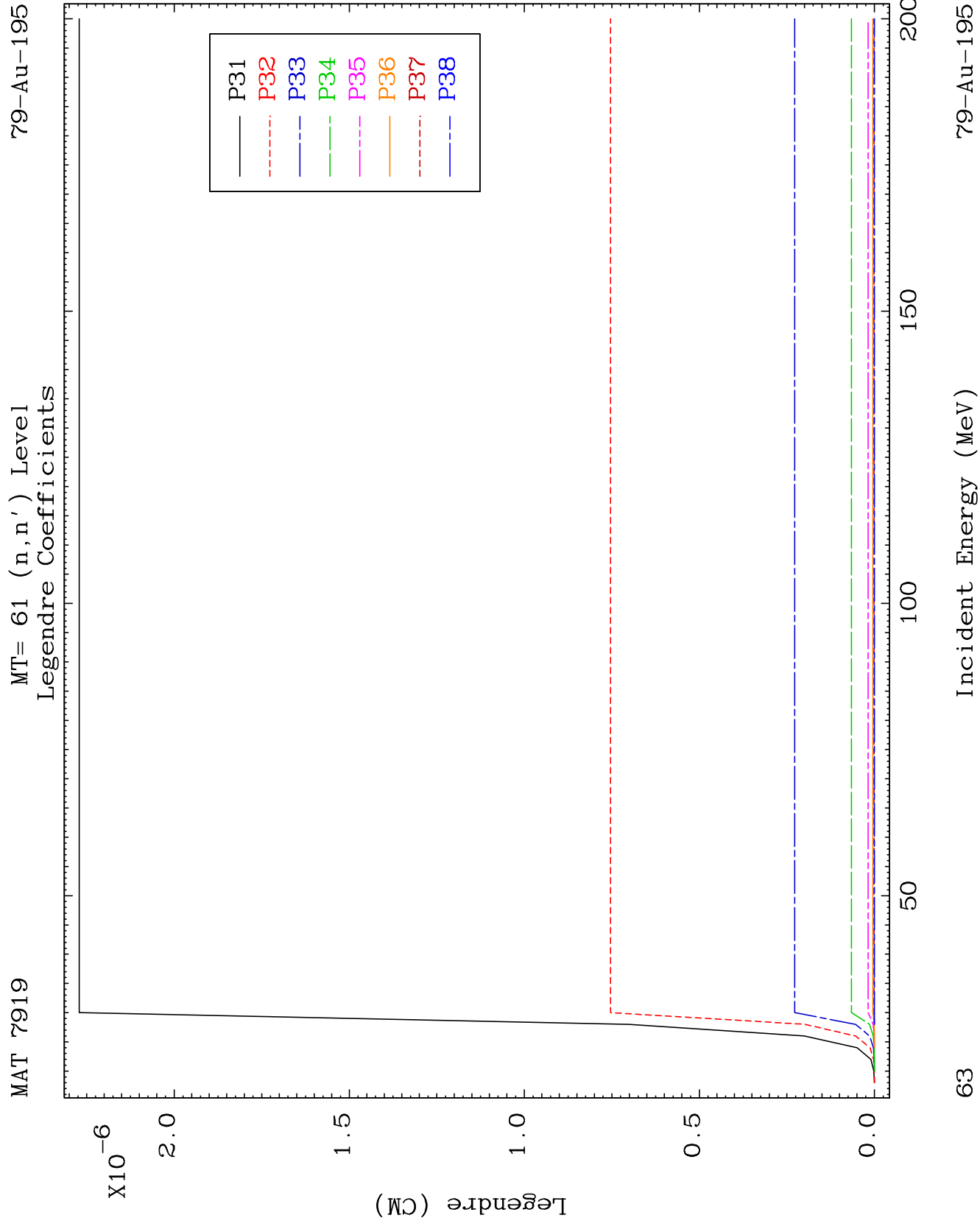


61

Incident Energy (MeV)

79-Au-195

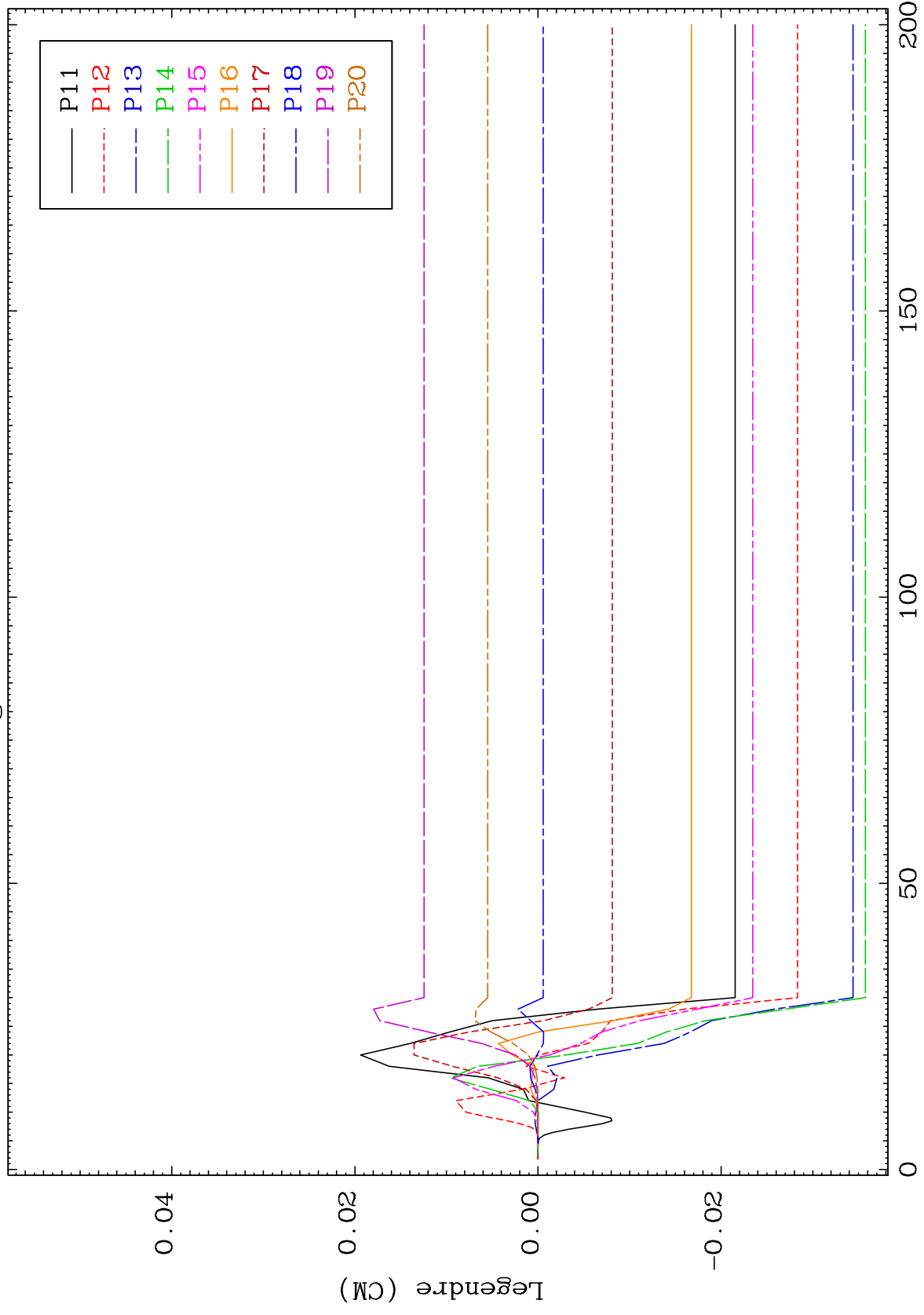




MAT 7919

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

79-Au-195



59

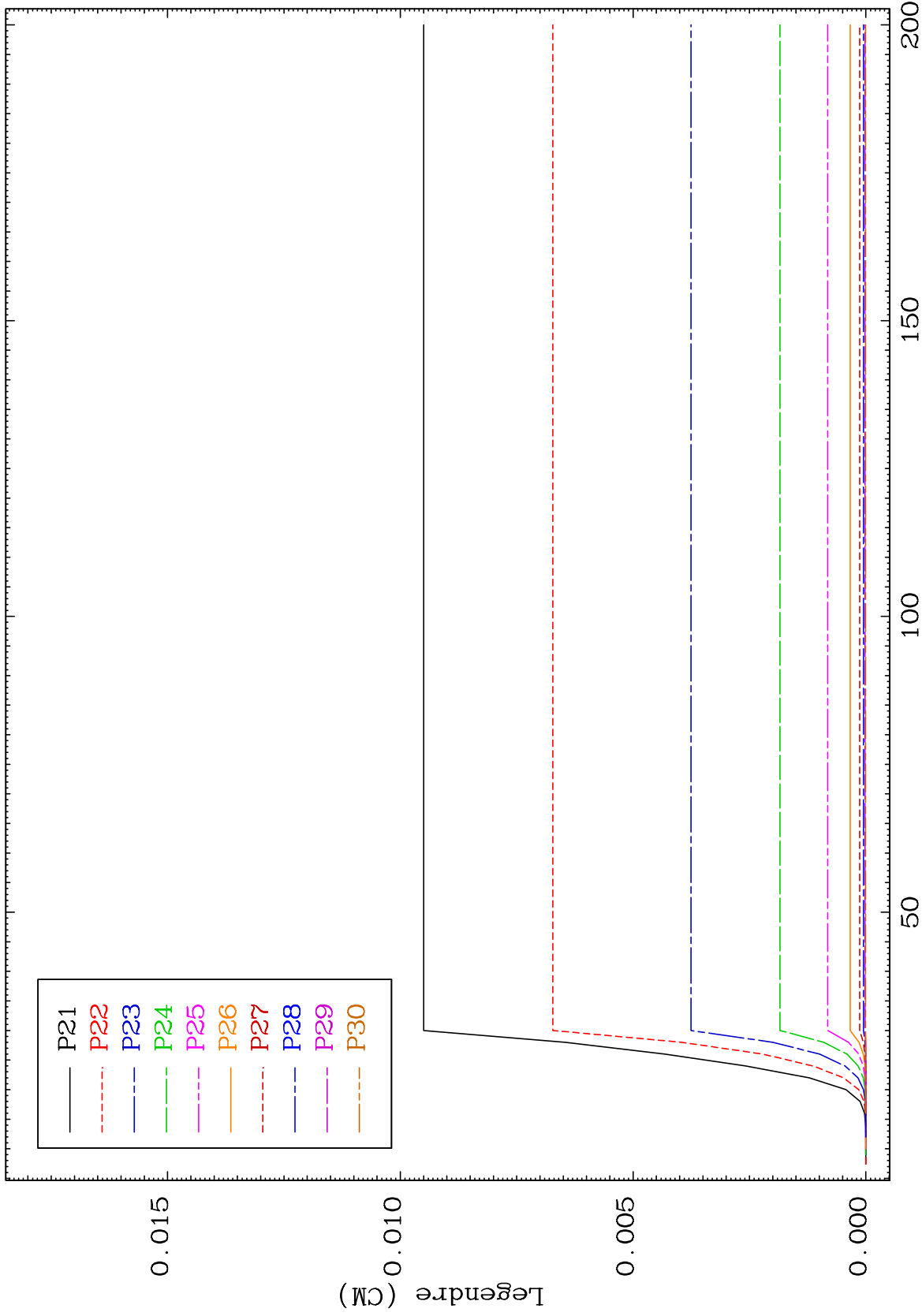
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



66

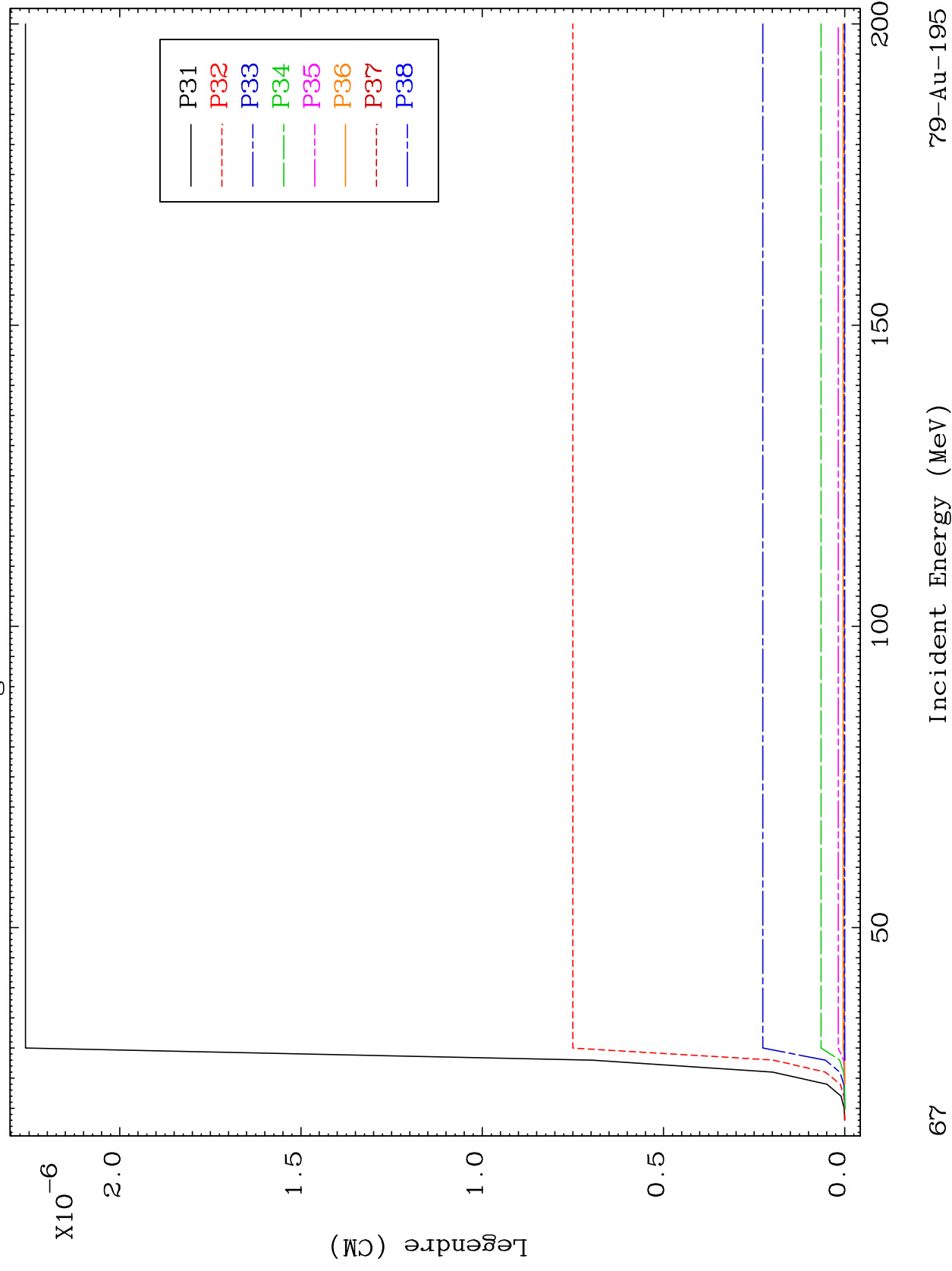
Incident Energy (MeV)

79-Au-195

MAT 7919

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

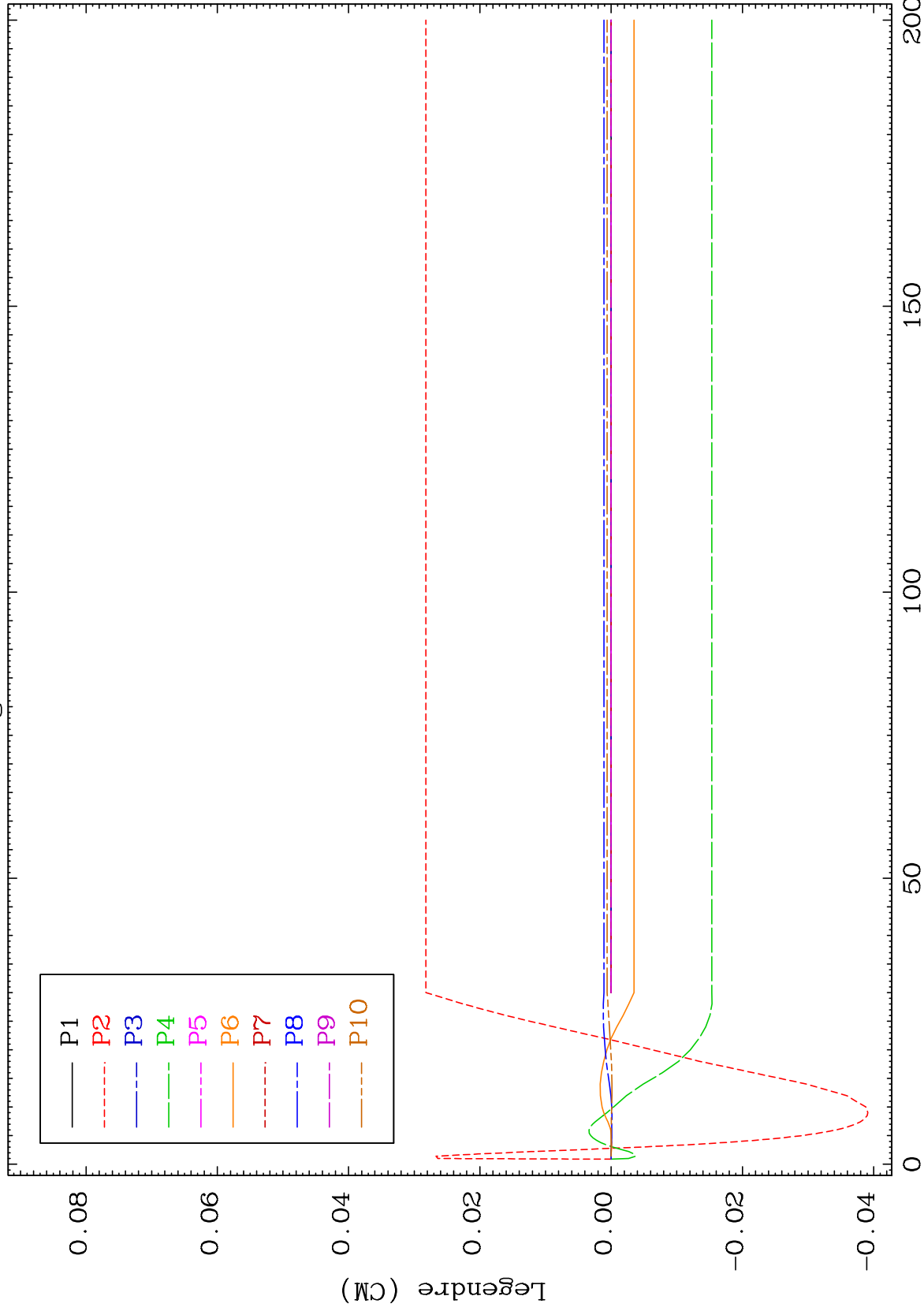
79-Au-195



MAT 7919

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

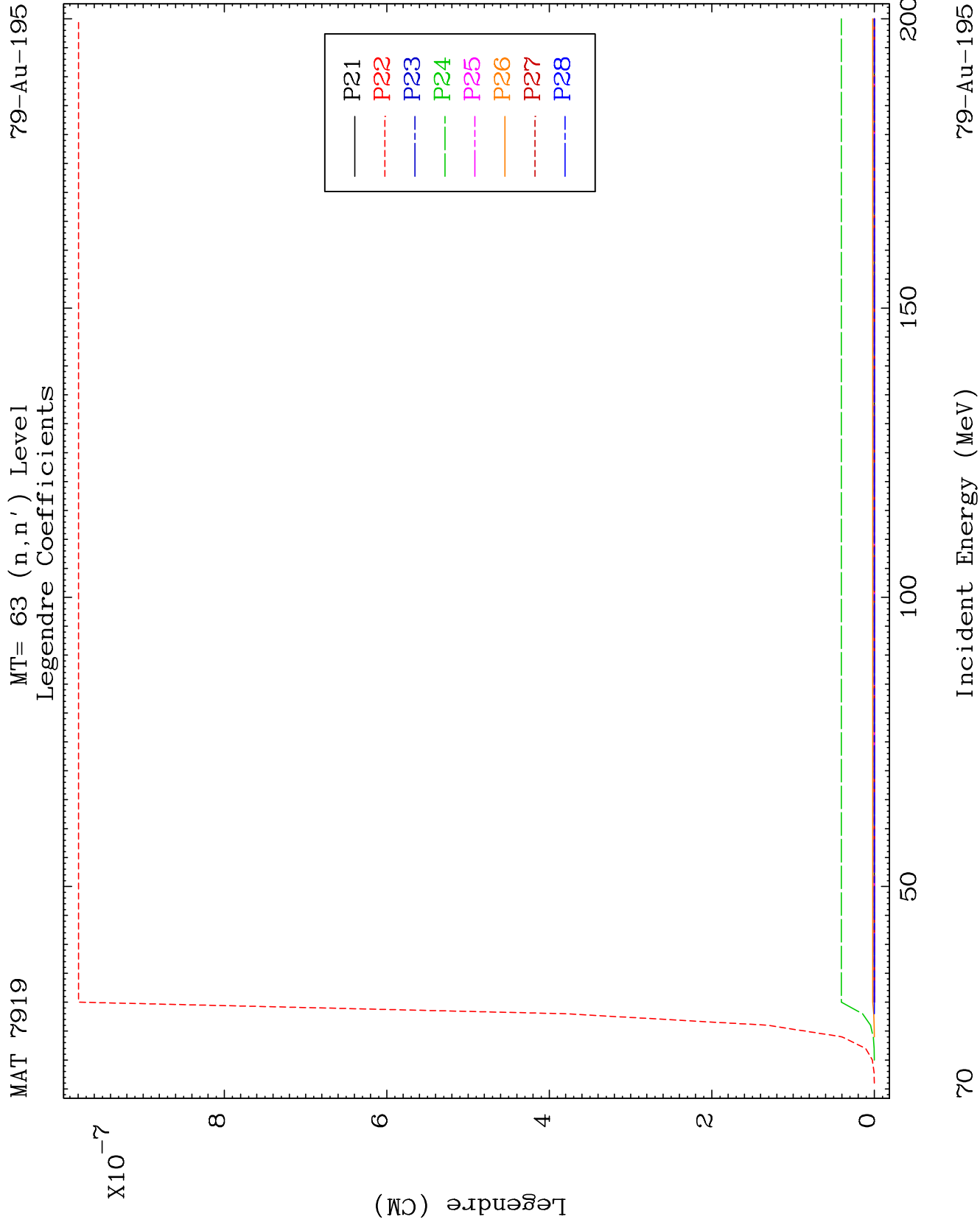
79-Au-195

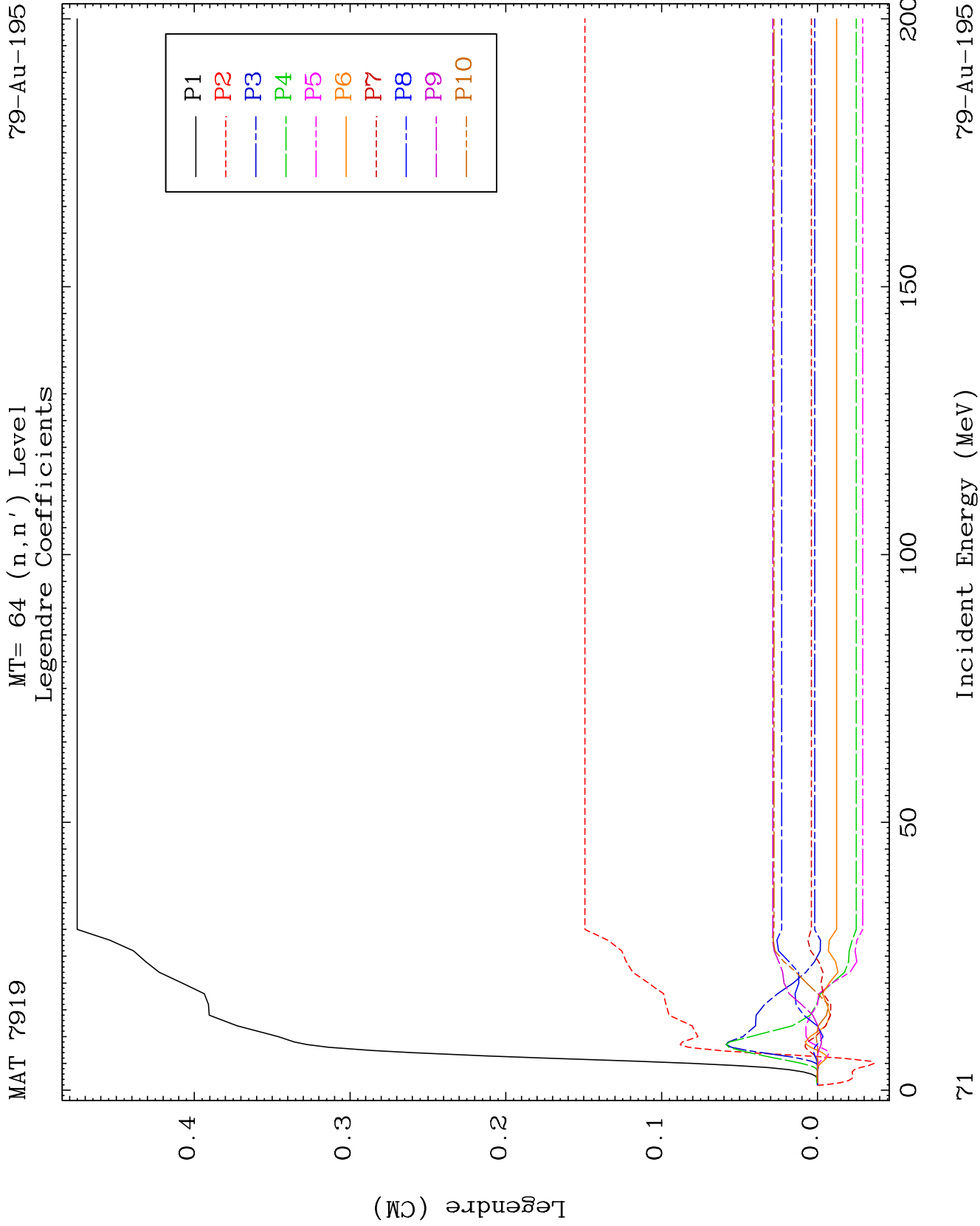


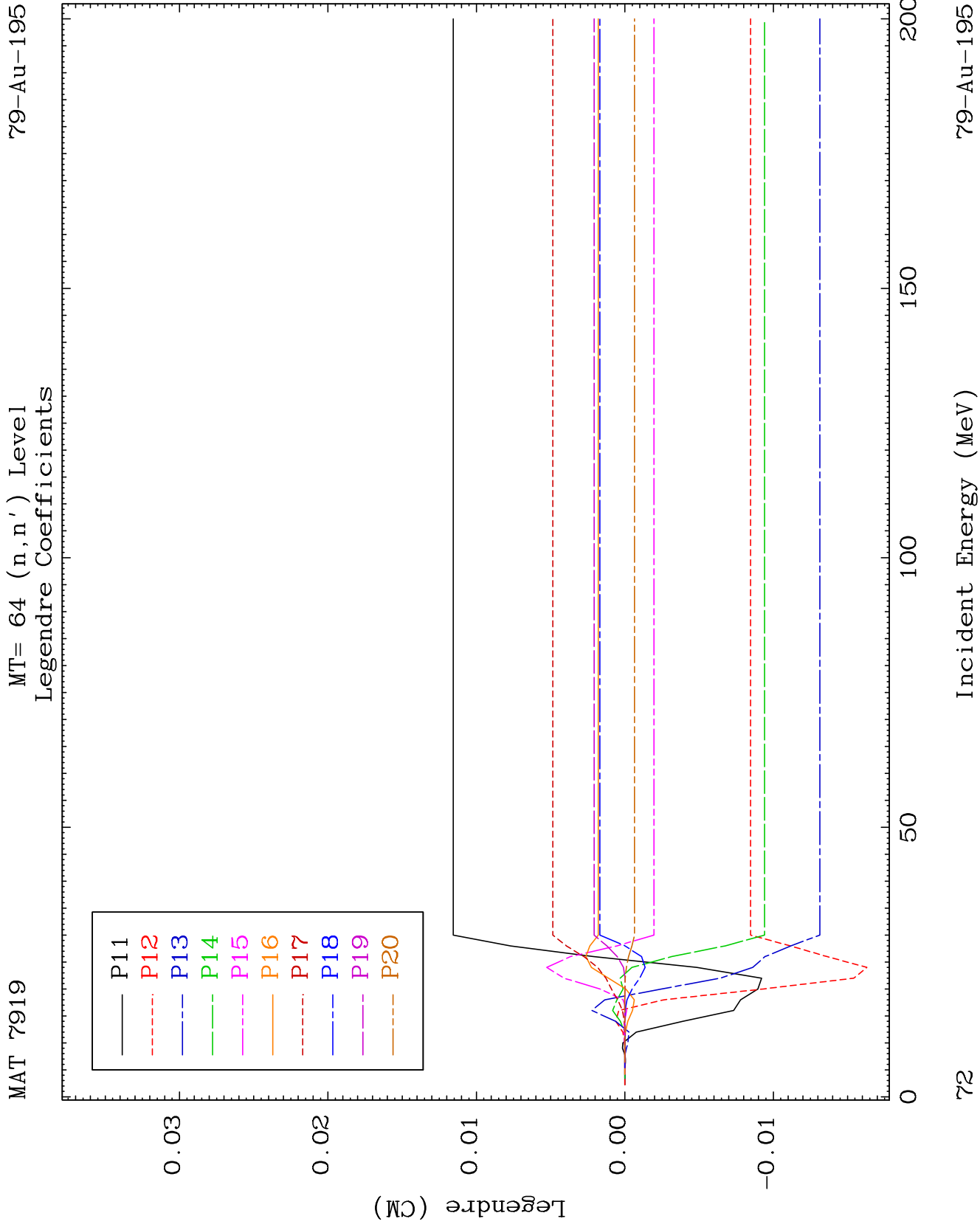
68

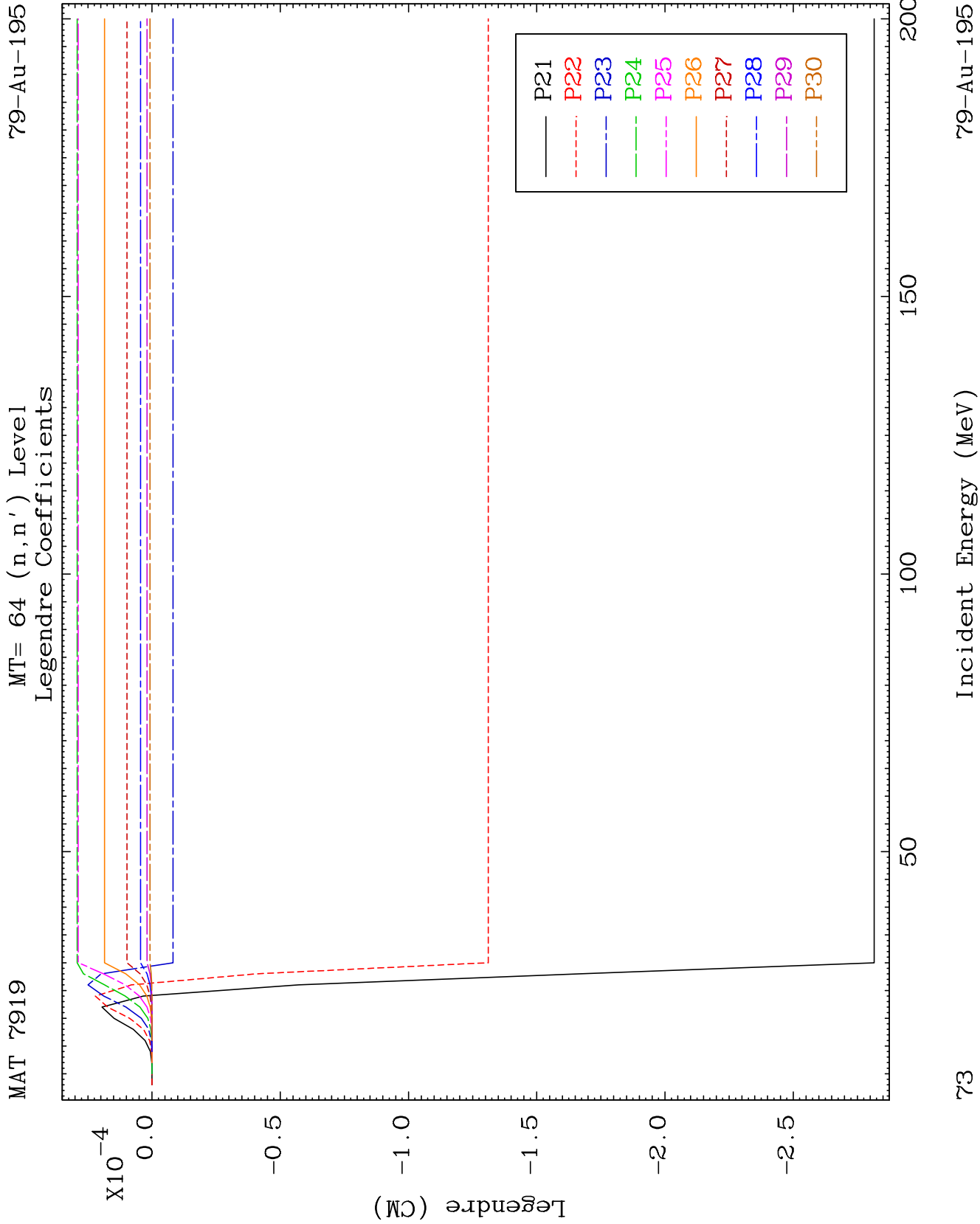
Incident Energy (MeV)

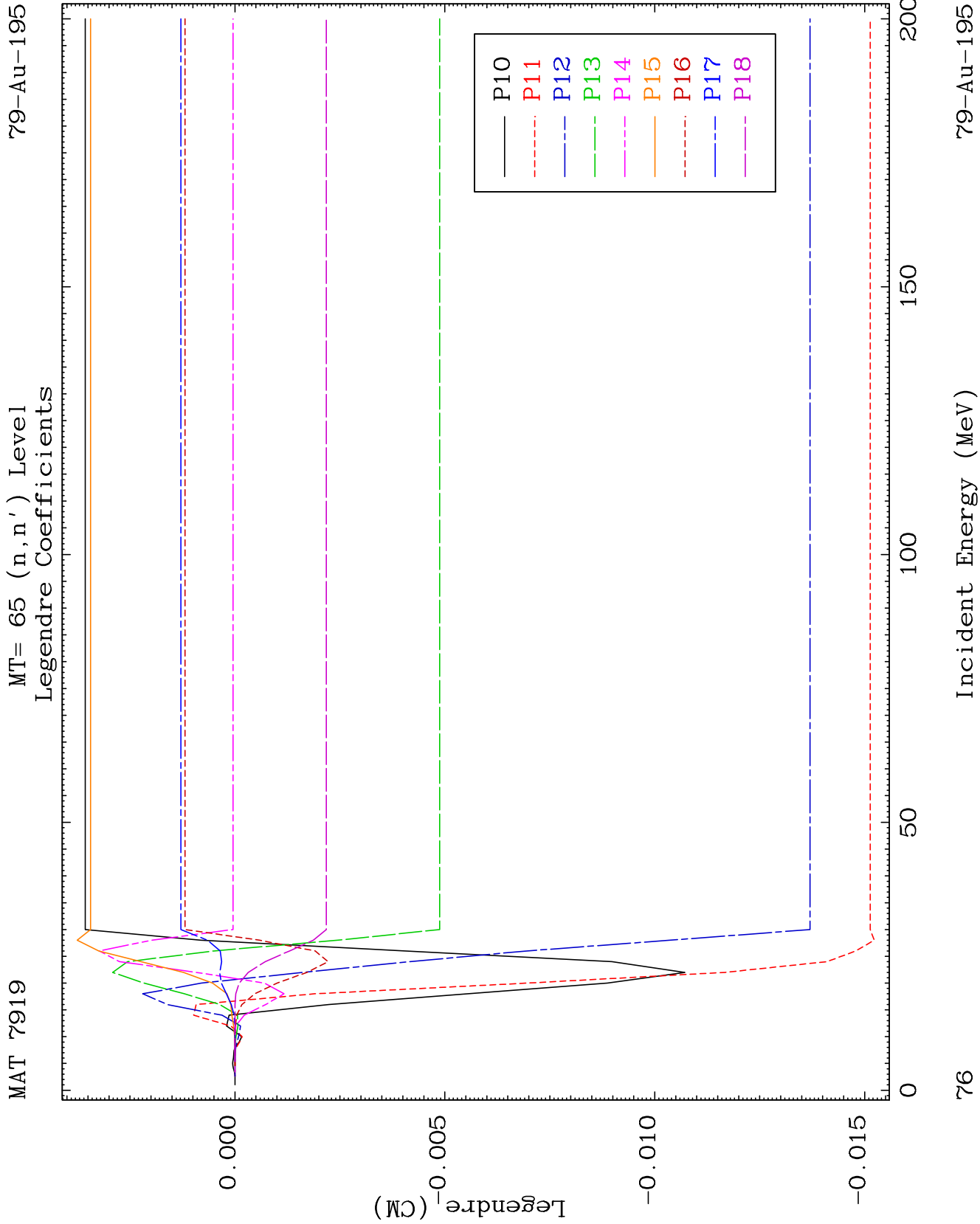
79-Au-195







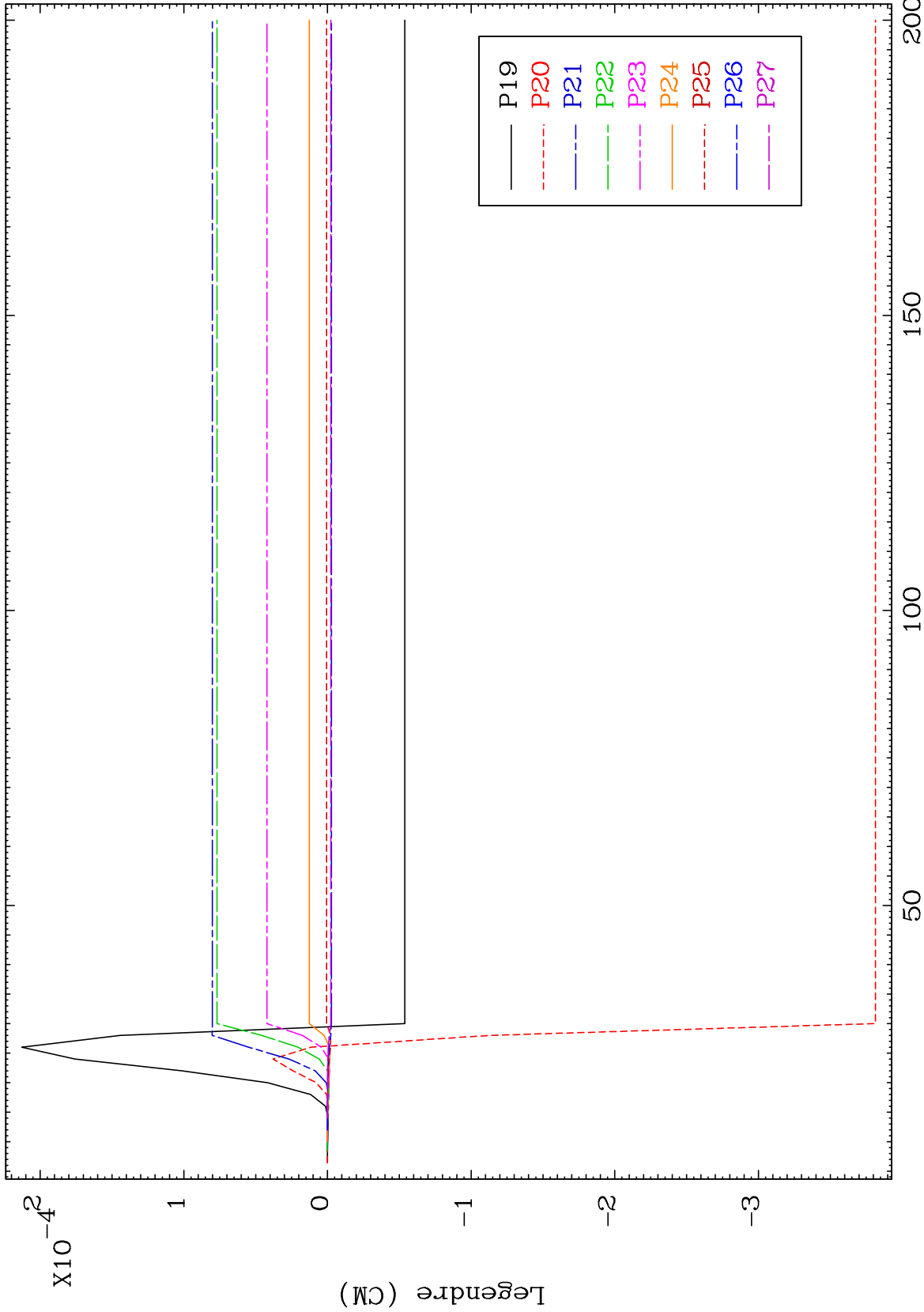




MAT 7919

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

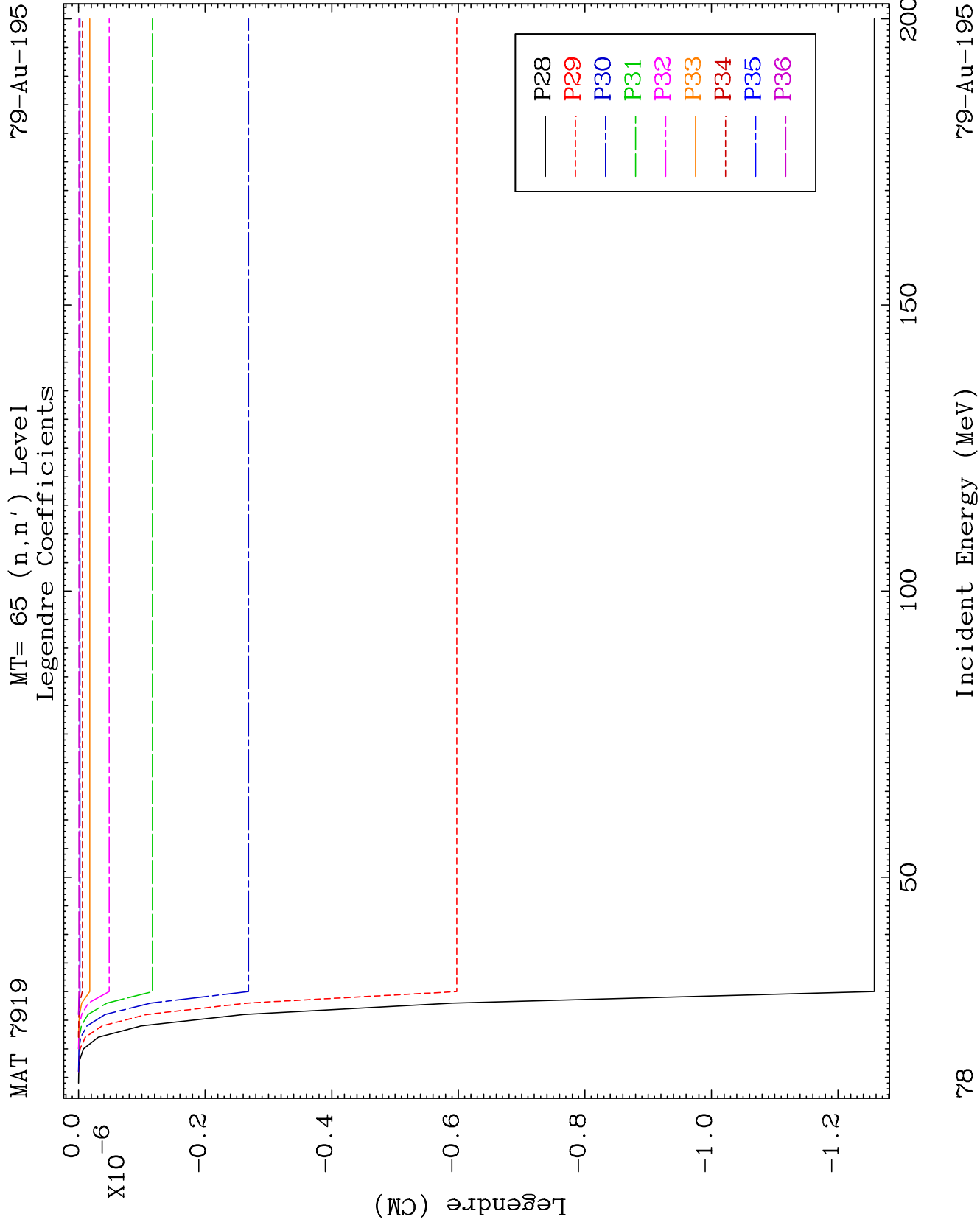
79-Au-195



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Incident Energy (MeV)

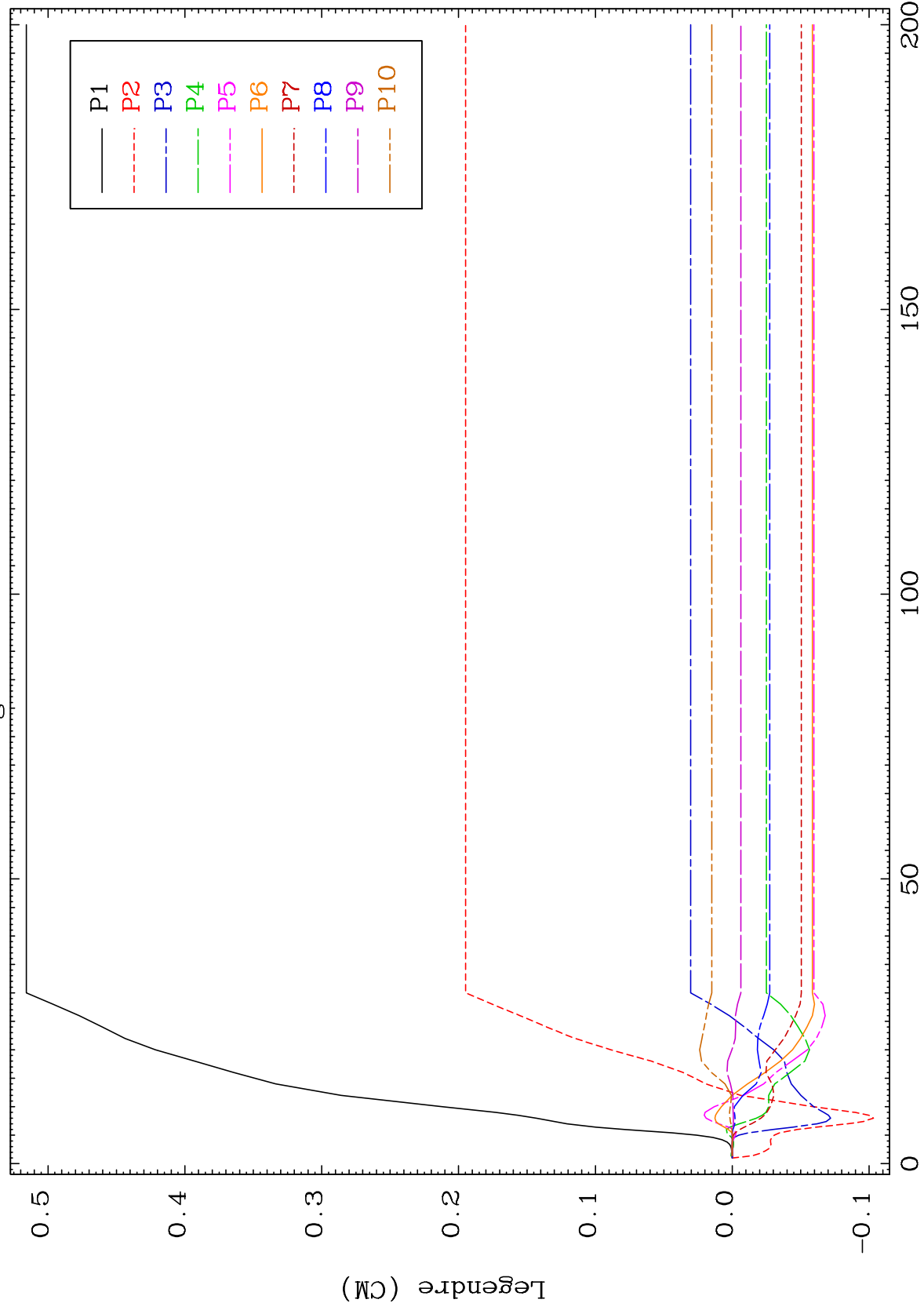
79-Au-195



MAT 7919

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

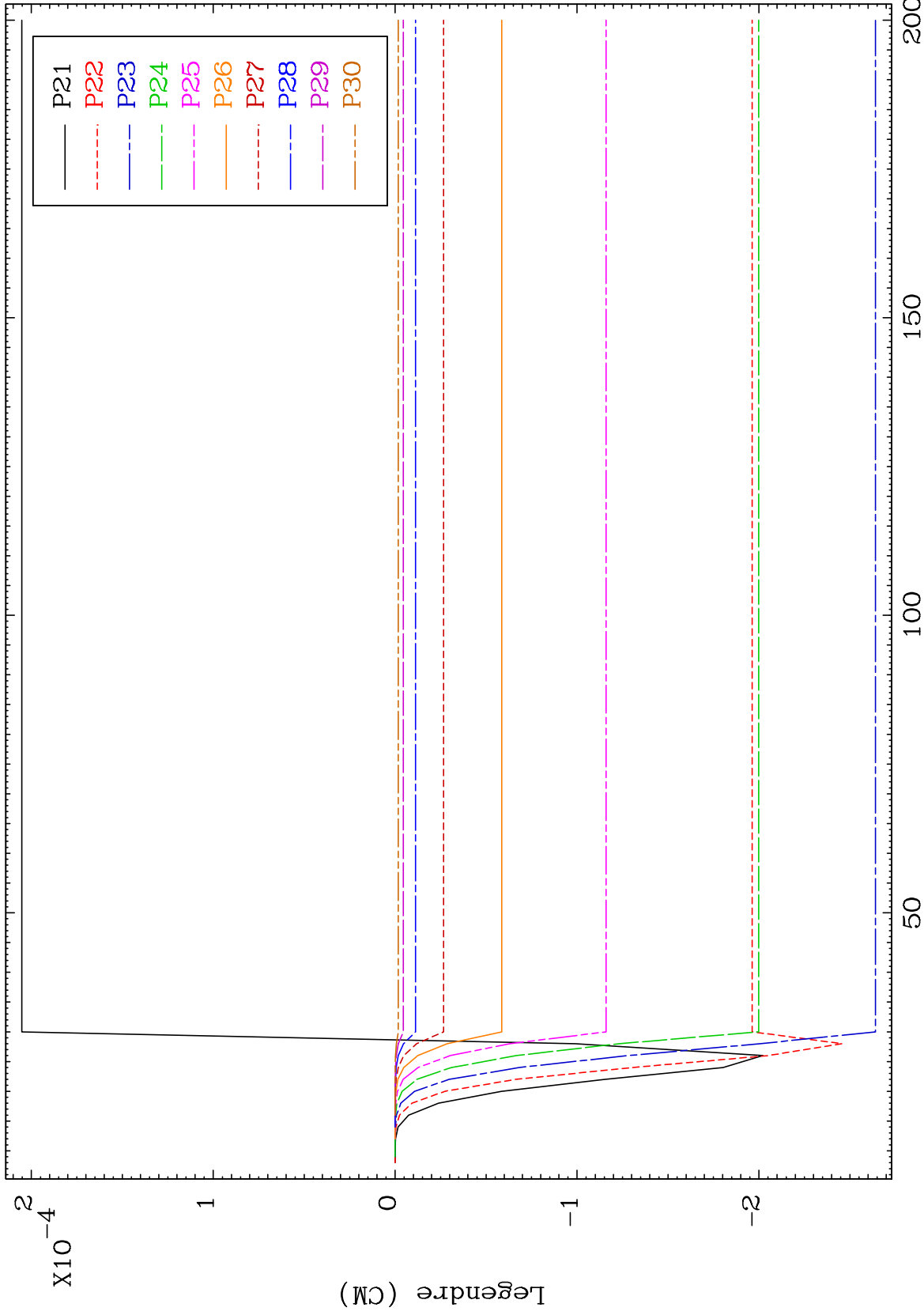
79-Au-195

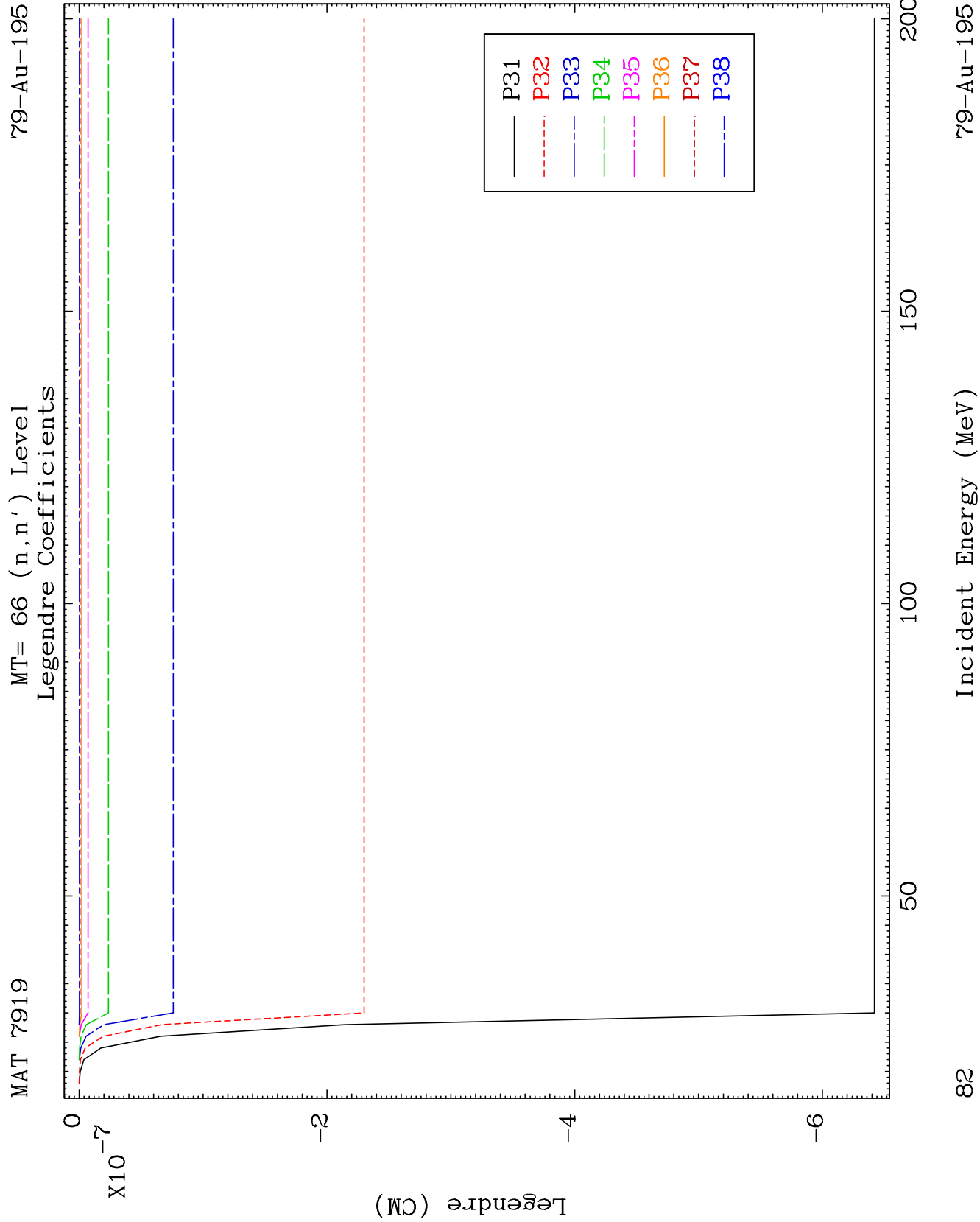


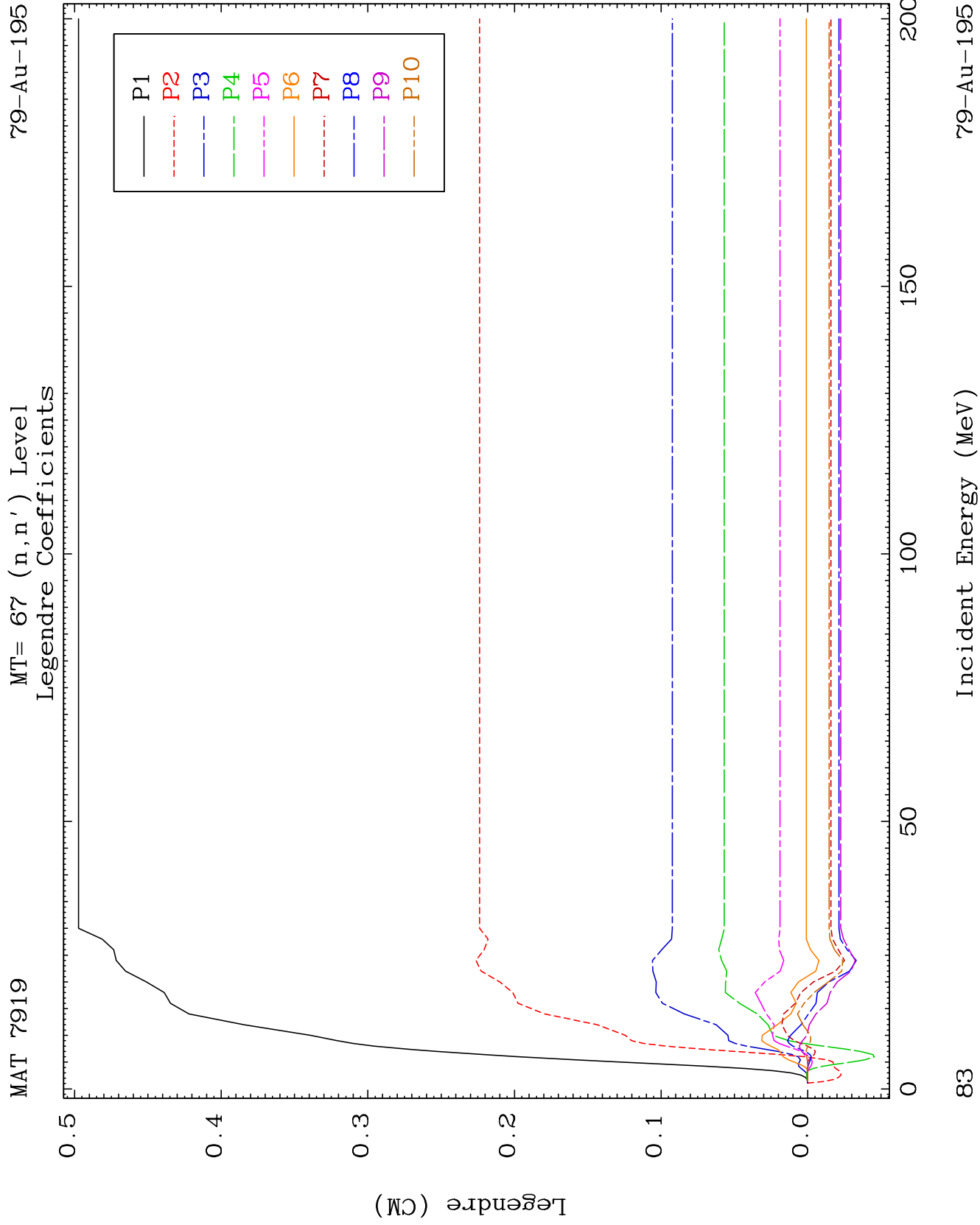
62

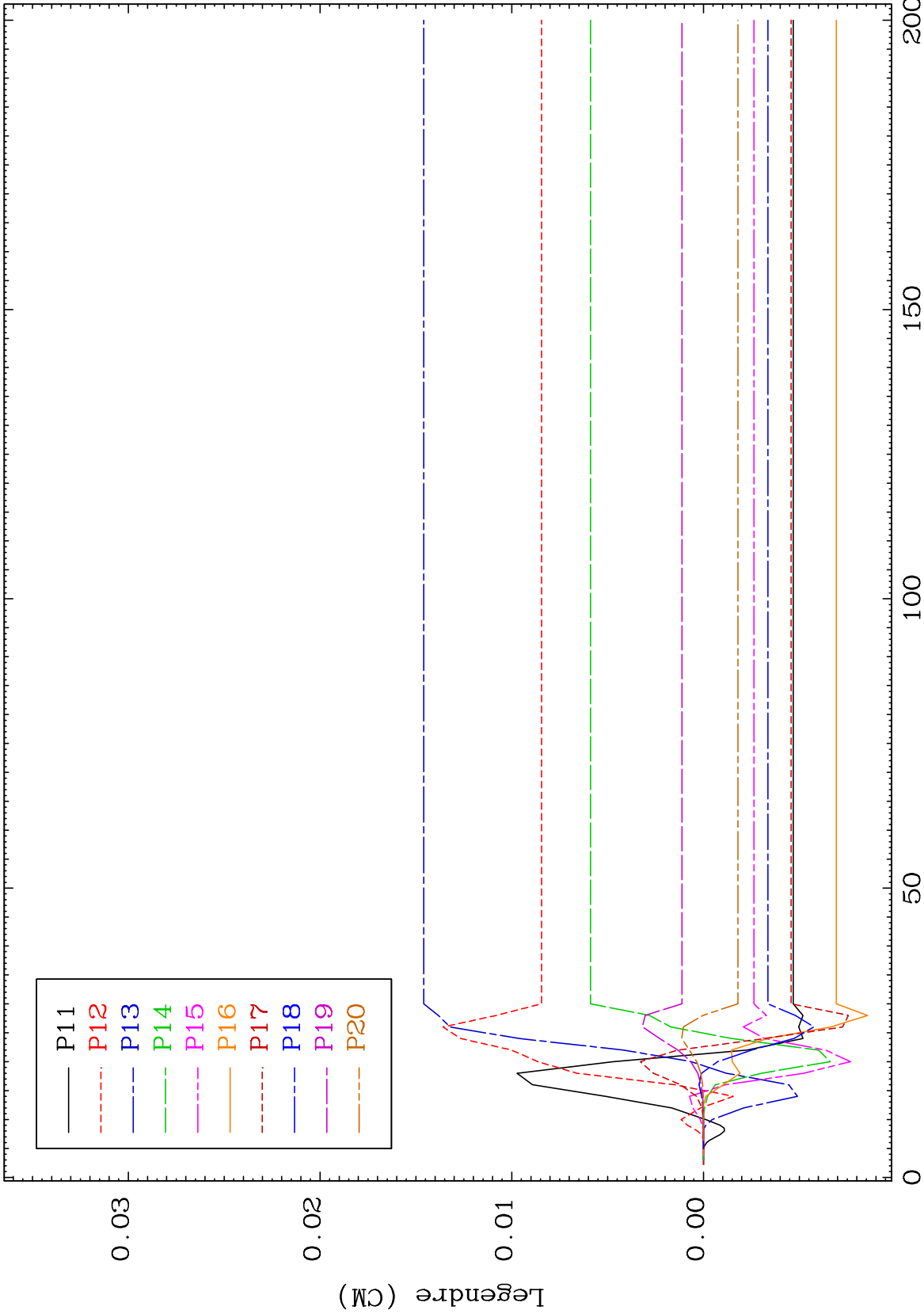
Incident Energy (MeV)

79-Au-195





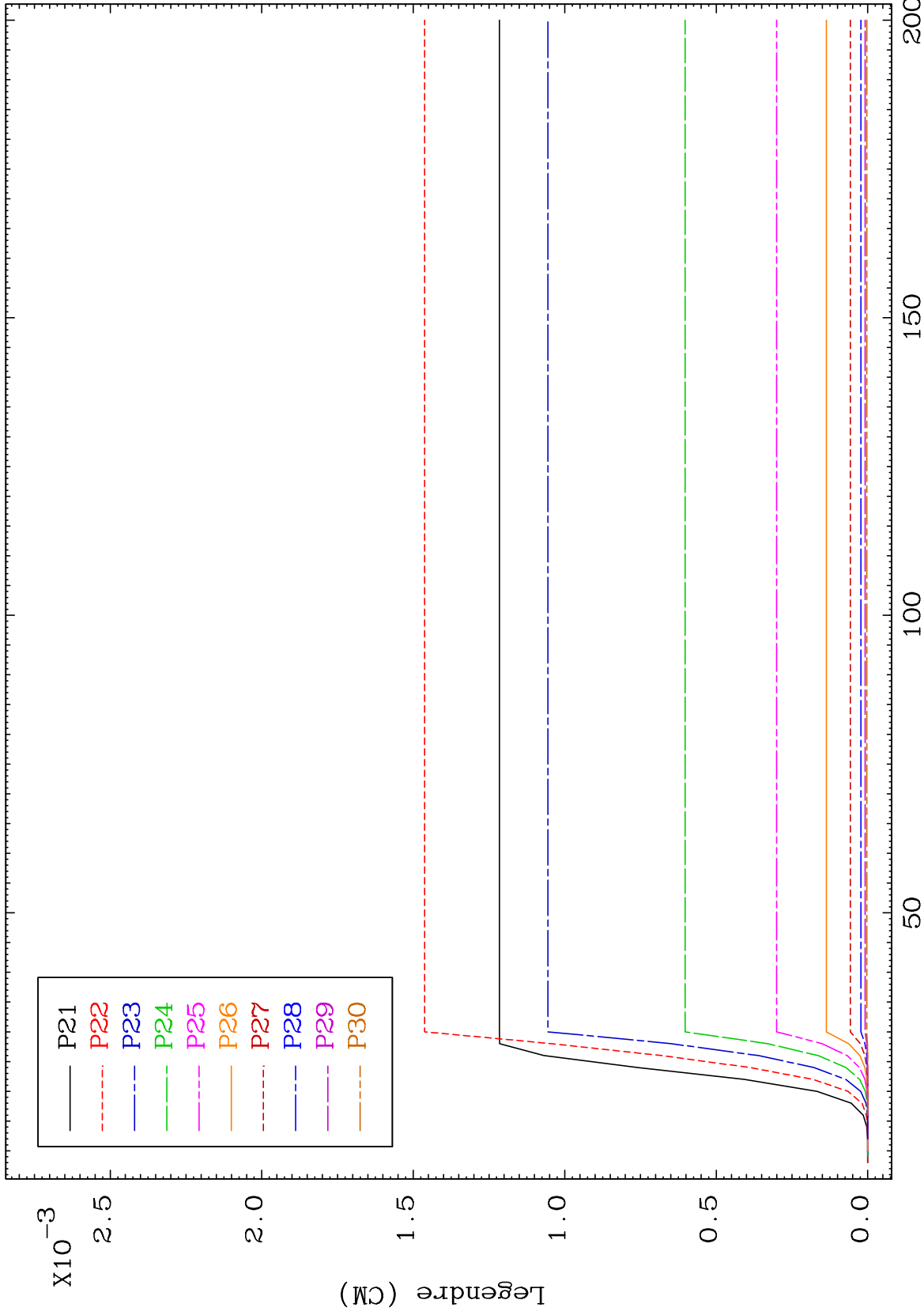




MAT 7919

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

79-Au-195



85

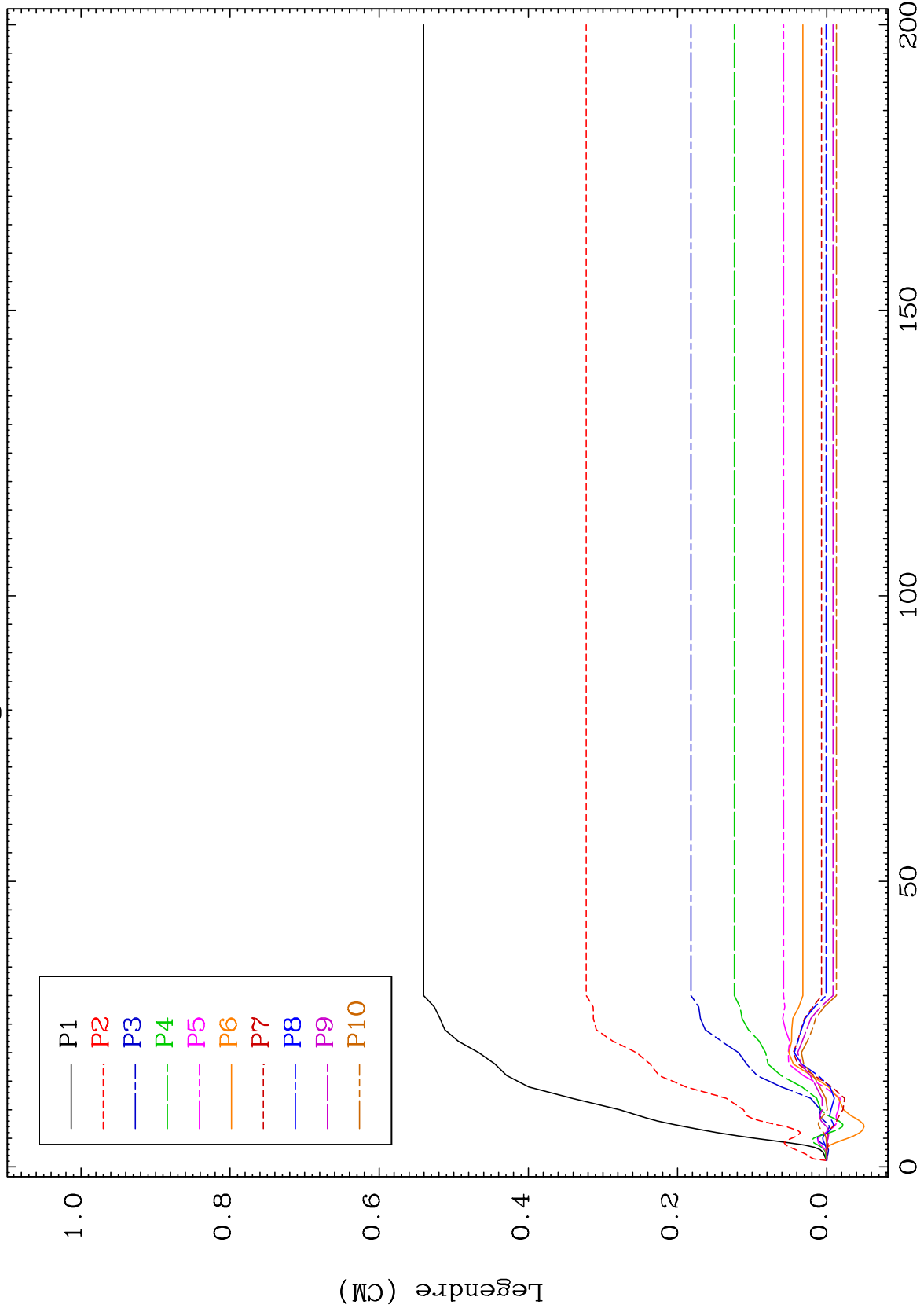
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



87

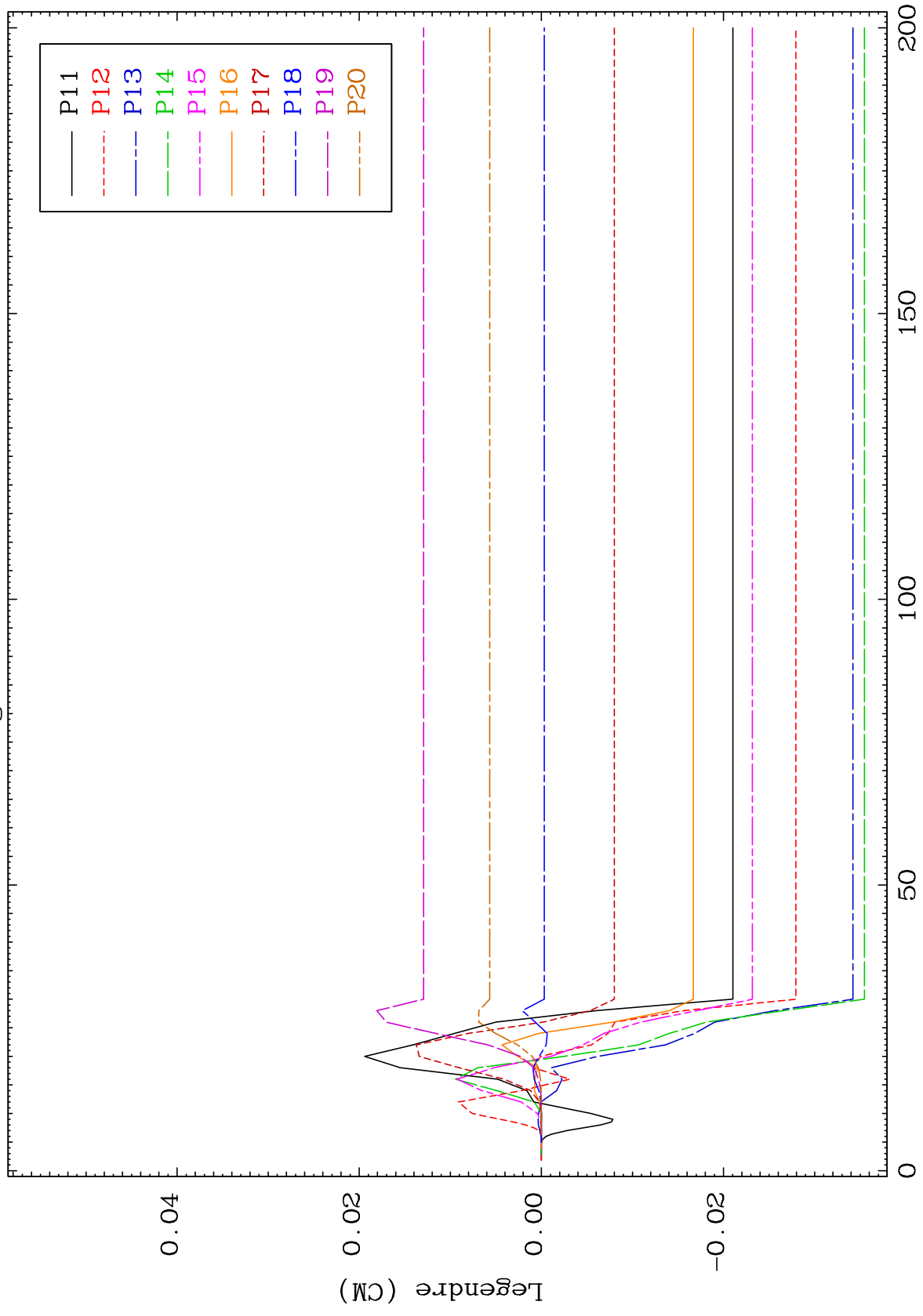
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



88

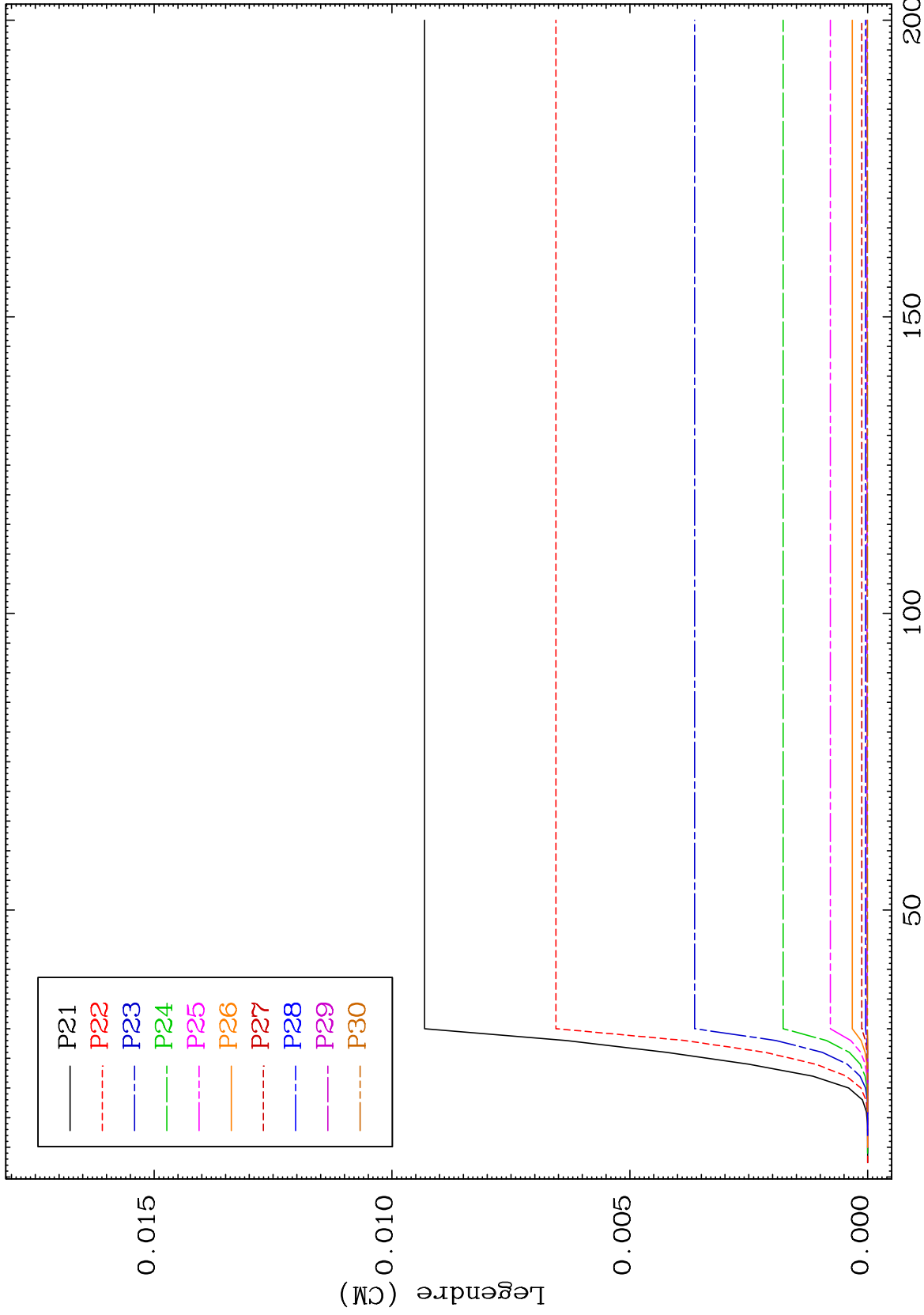
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



89

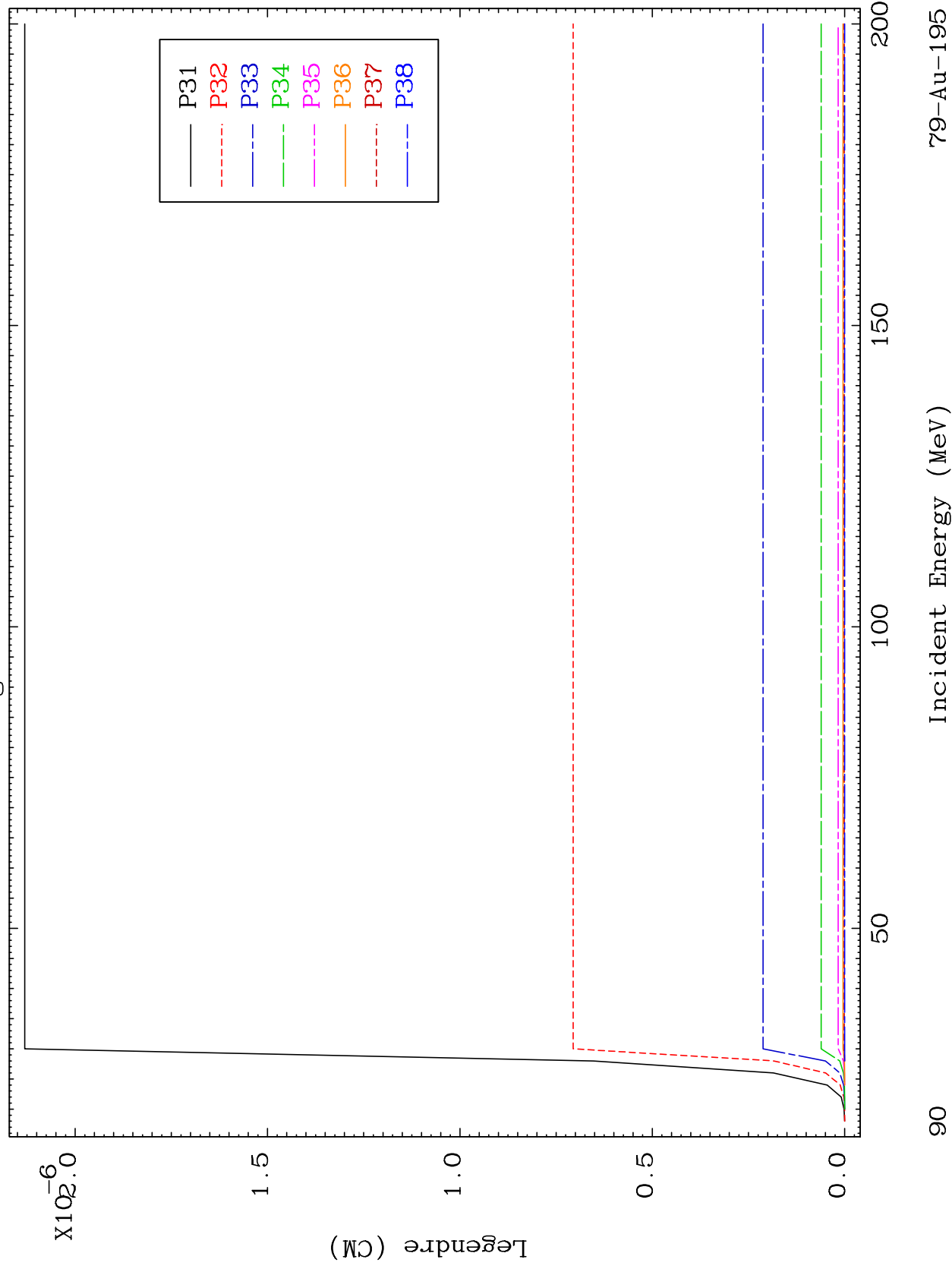
Incident Energy (MeV)

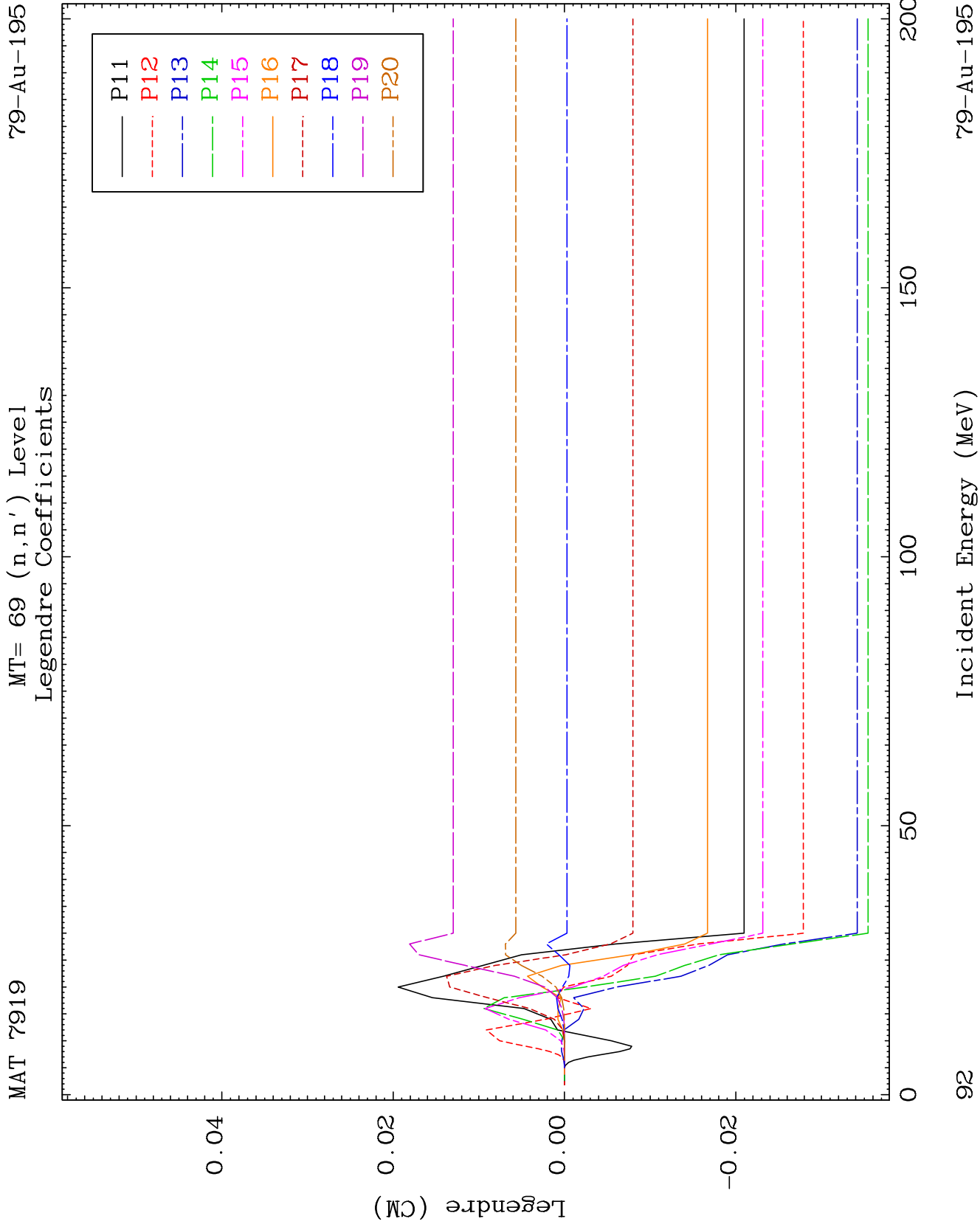
79-Au-195

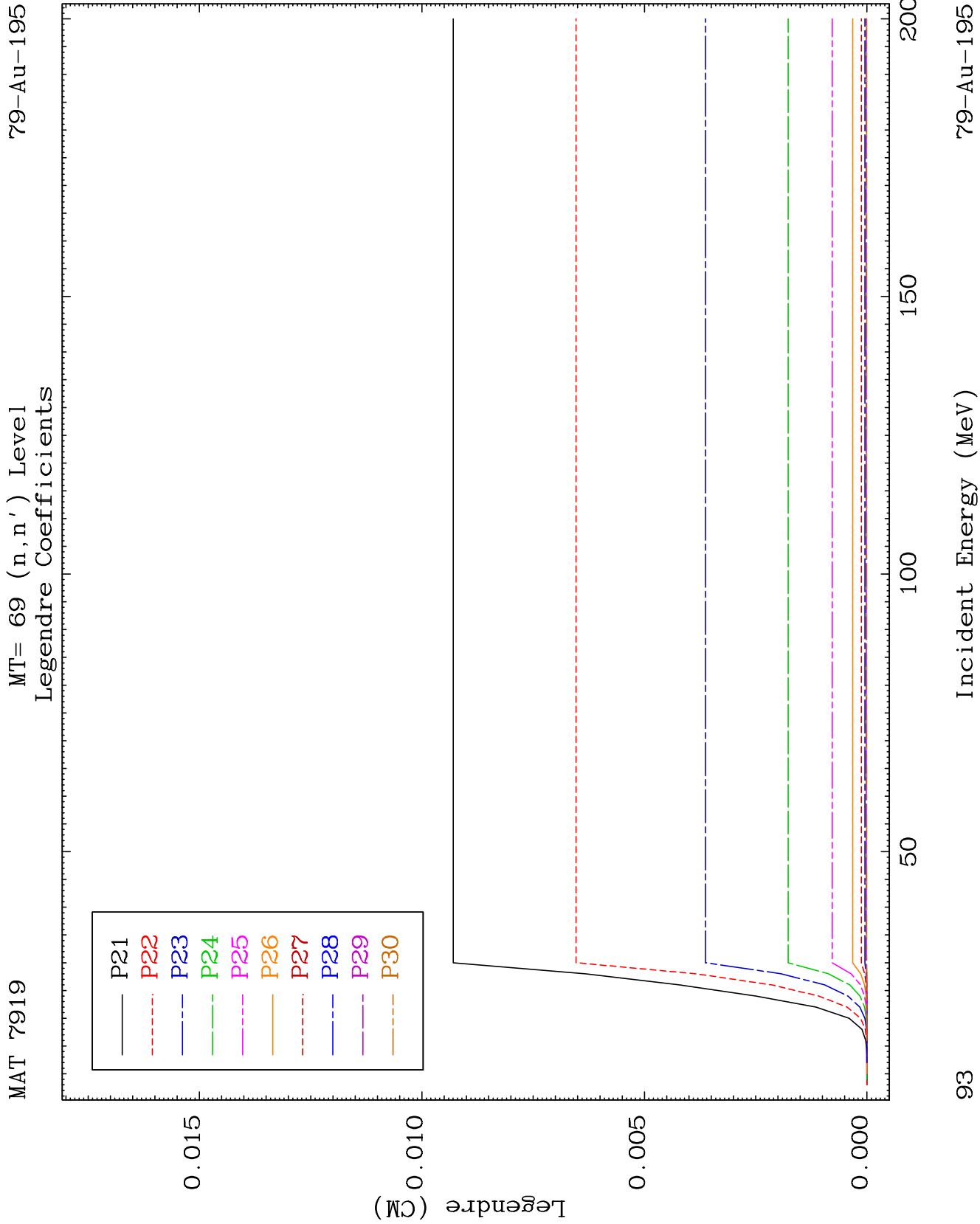
MAT 7919

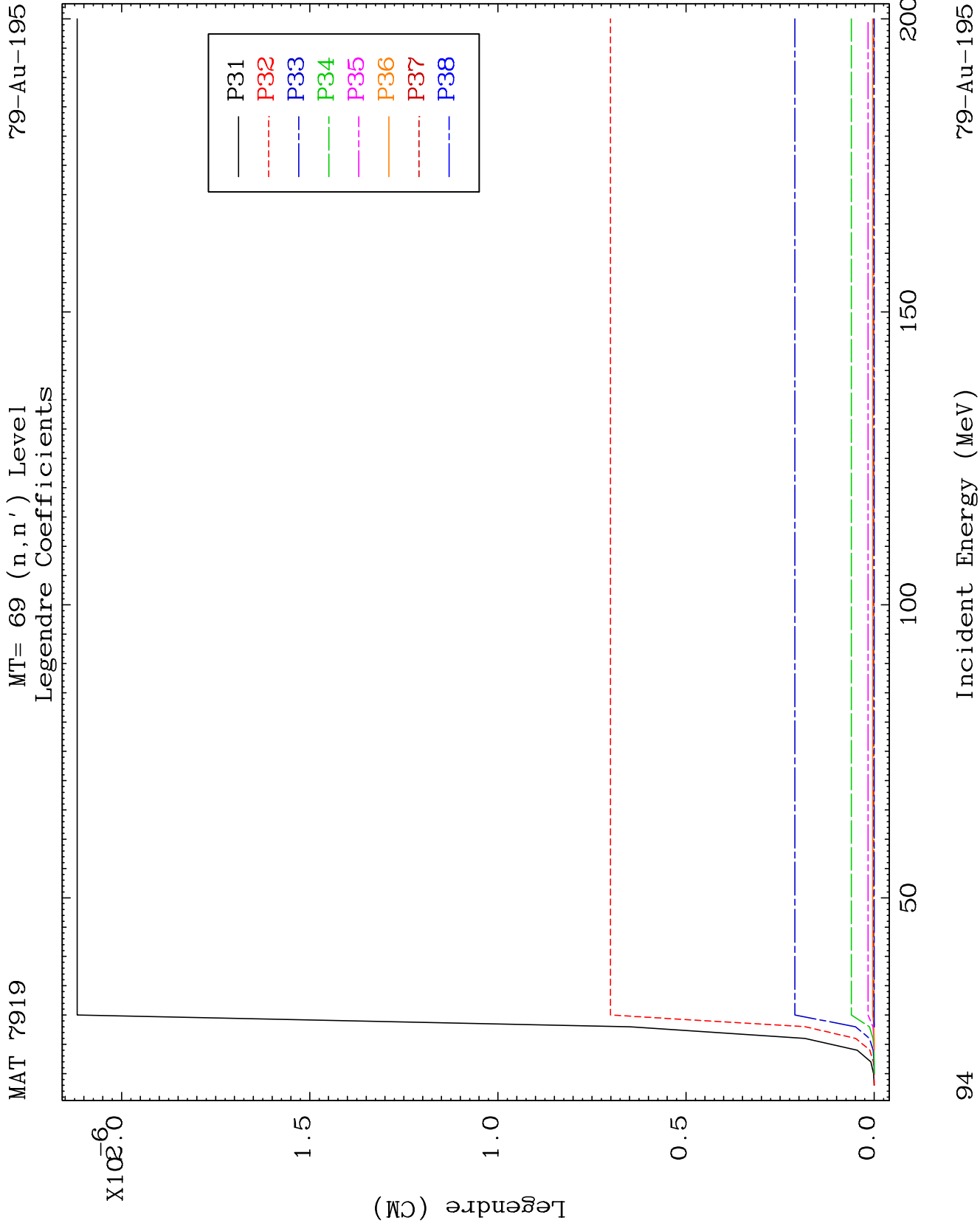
MT= 68 (n, n') Level
Legendre Coefficients

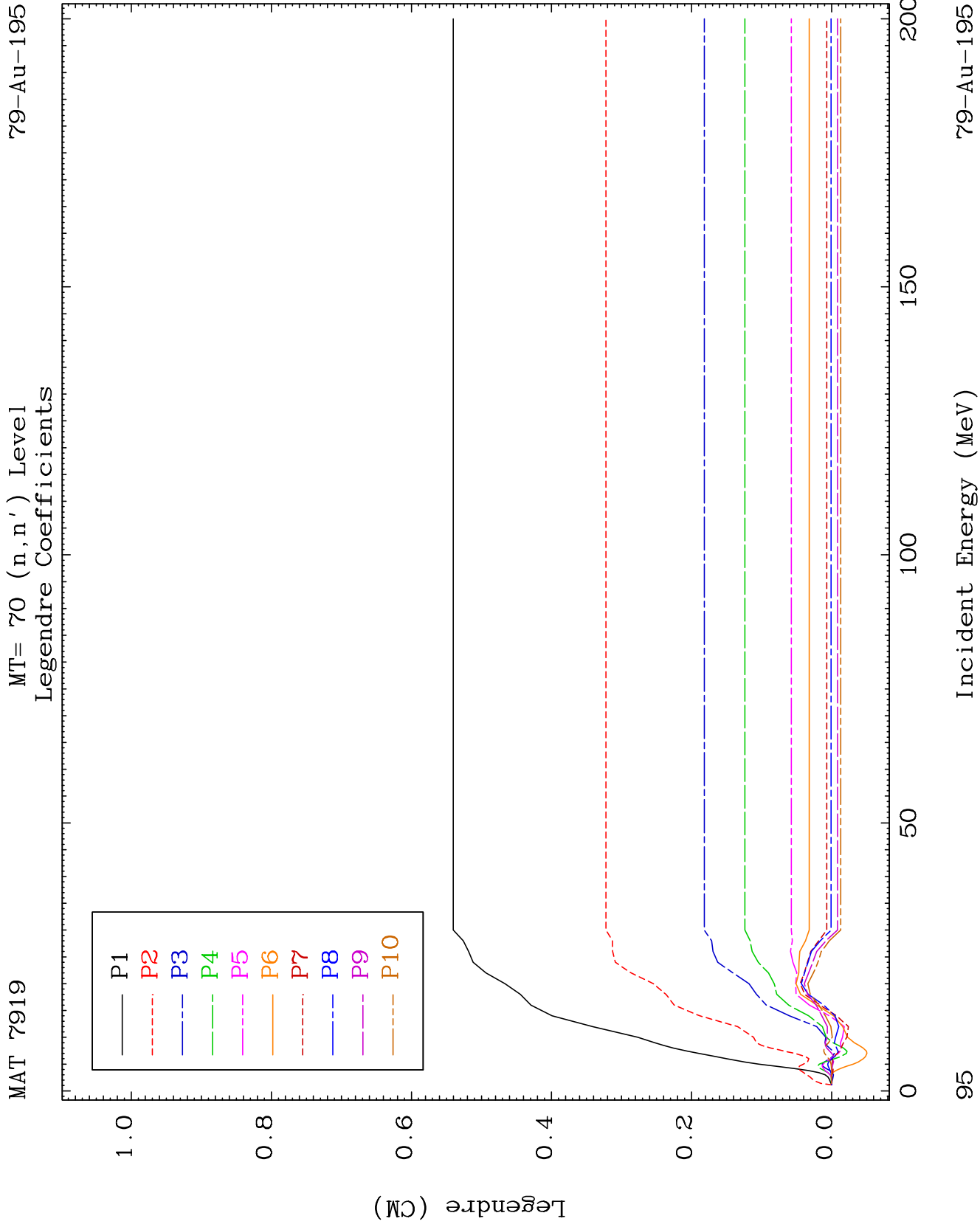
79-Au-195







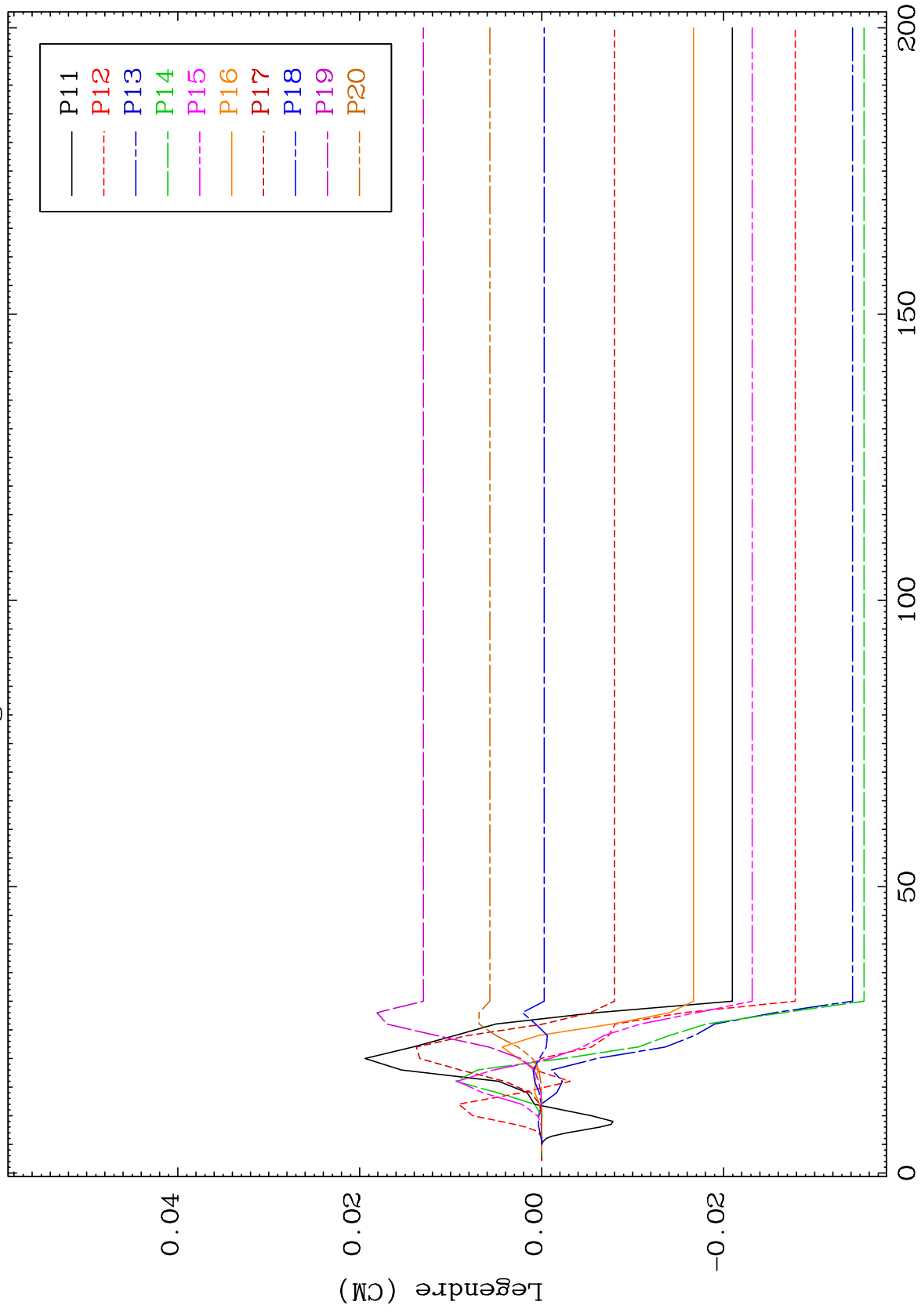




MAT 7919

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

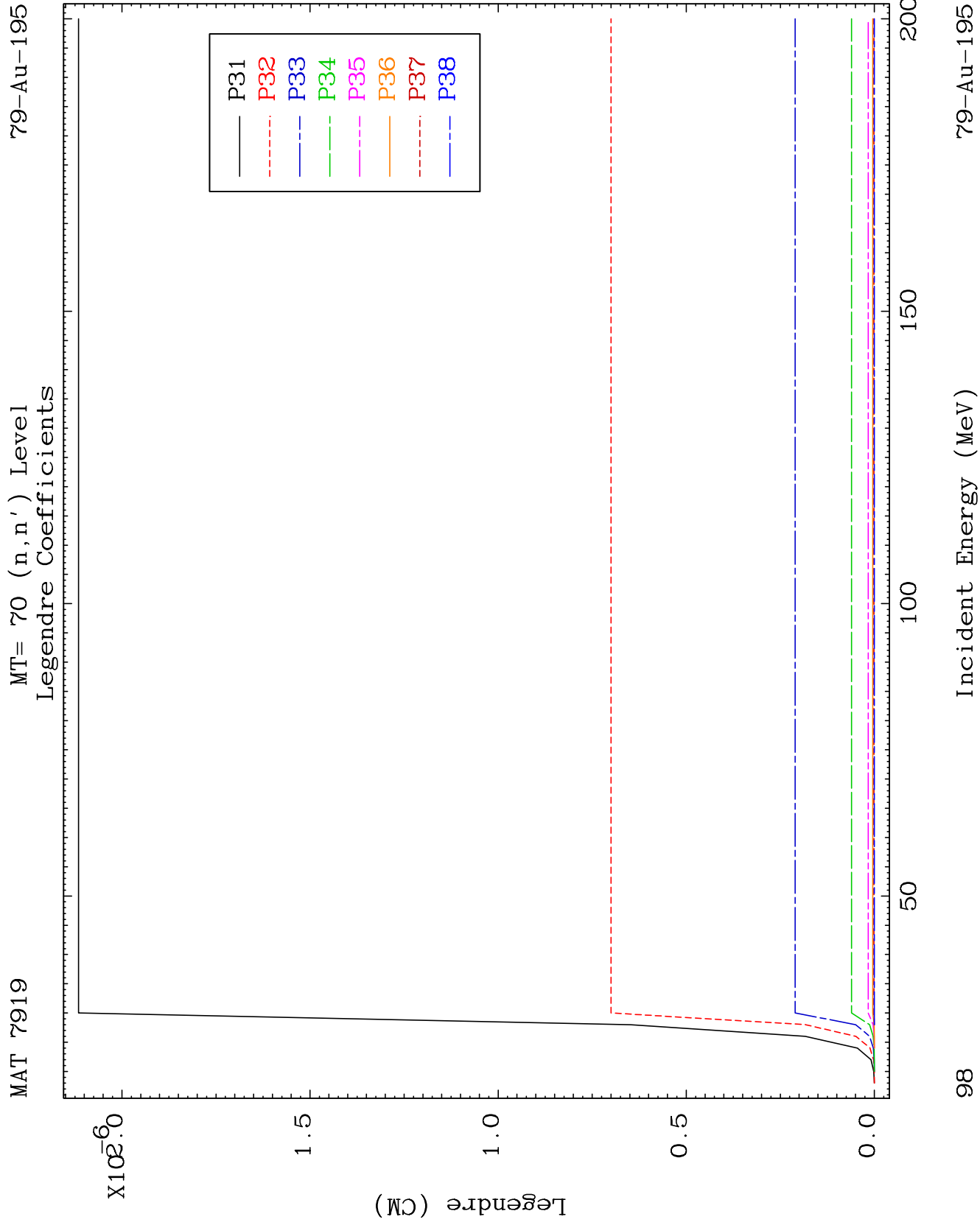
79-Au-195

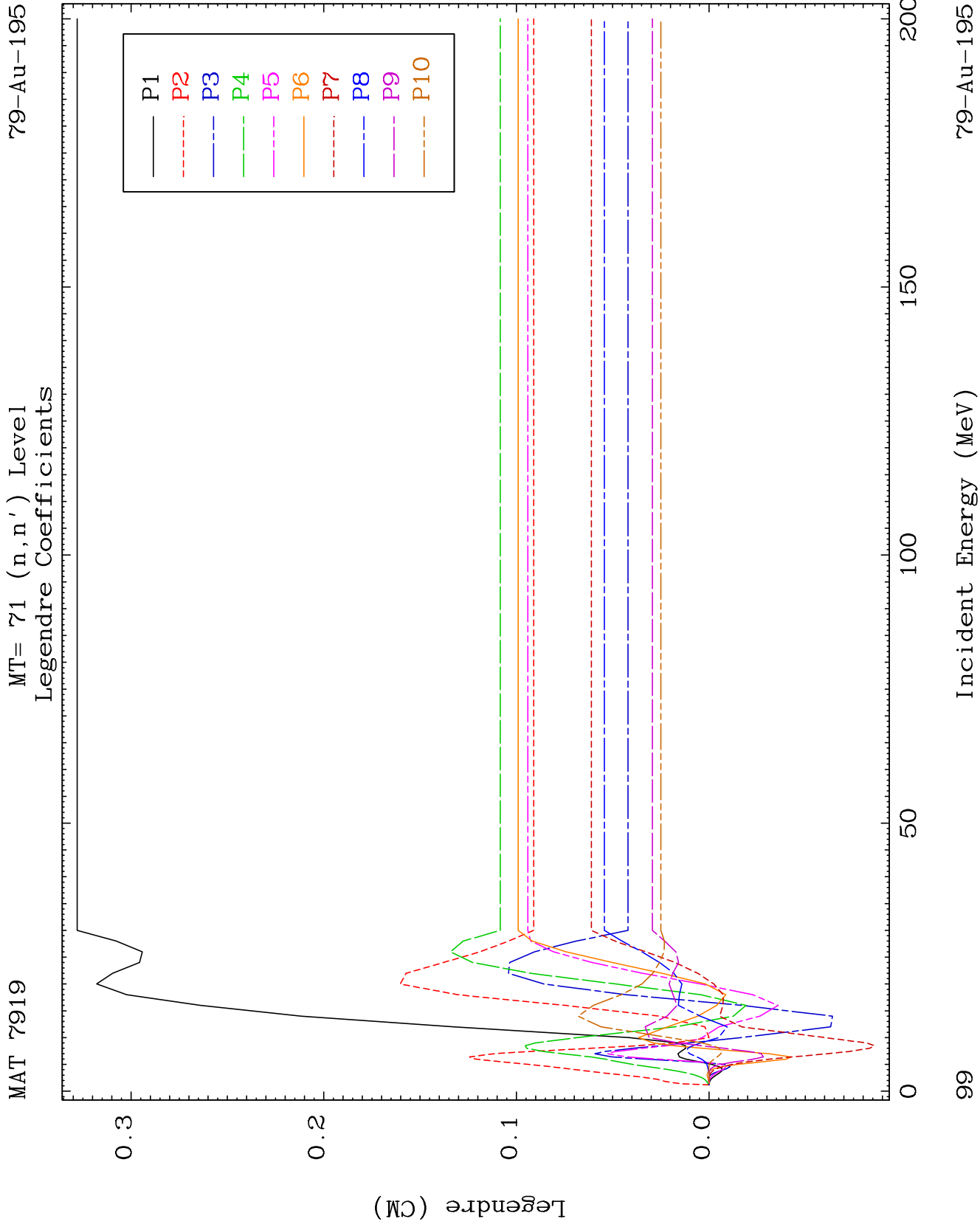


96

Incident Energy (MeV)

79-Au-195

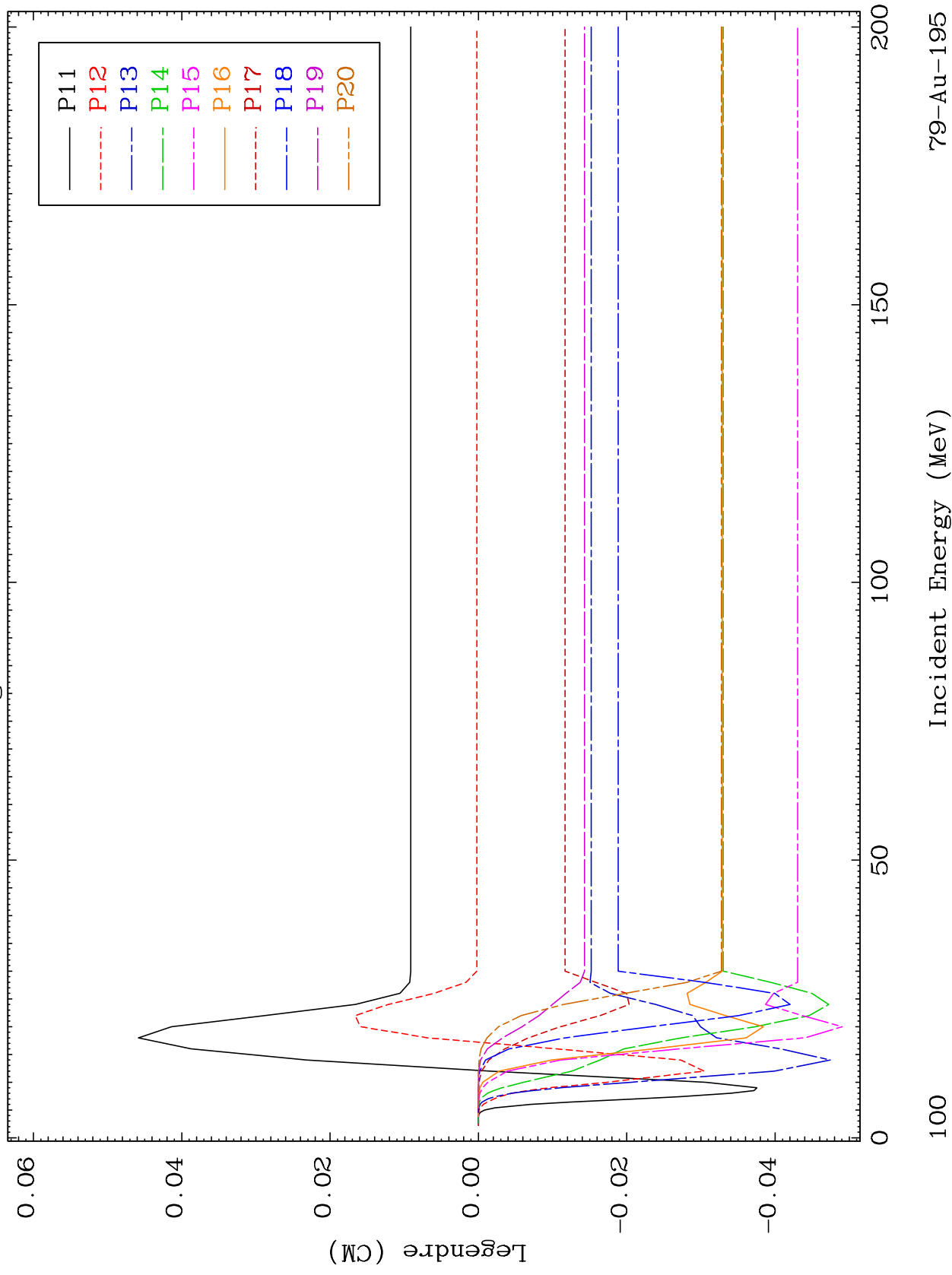


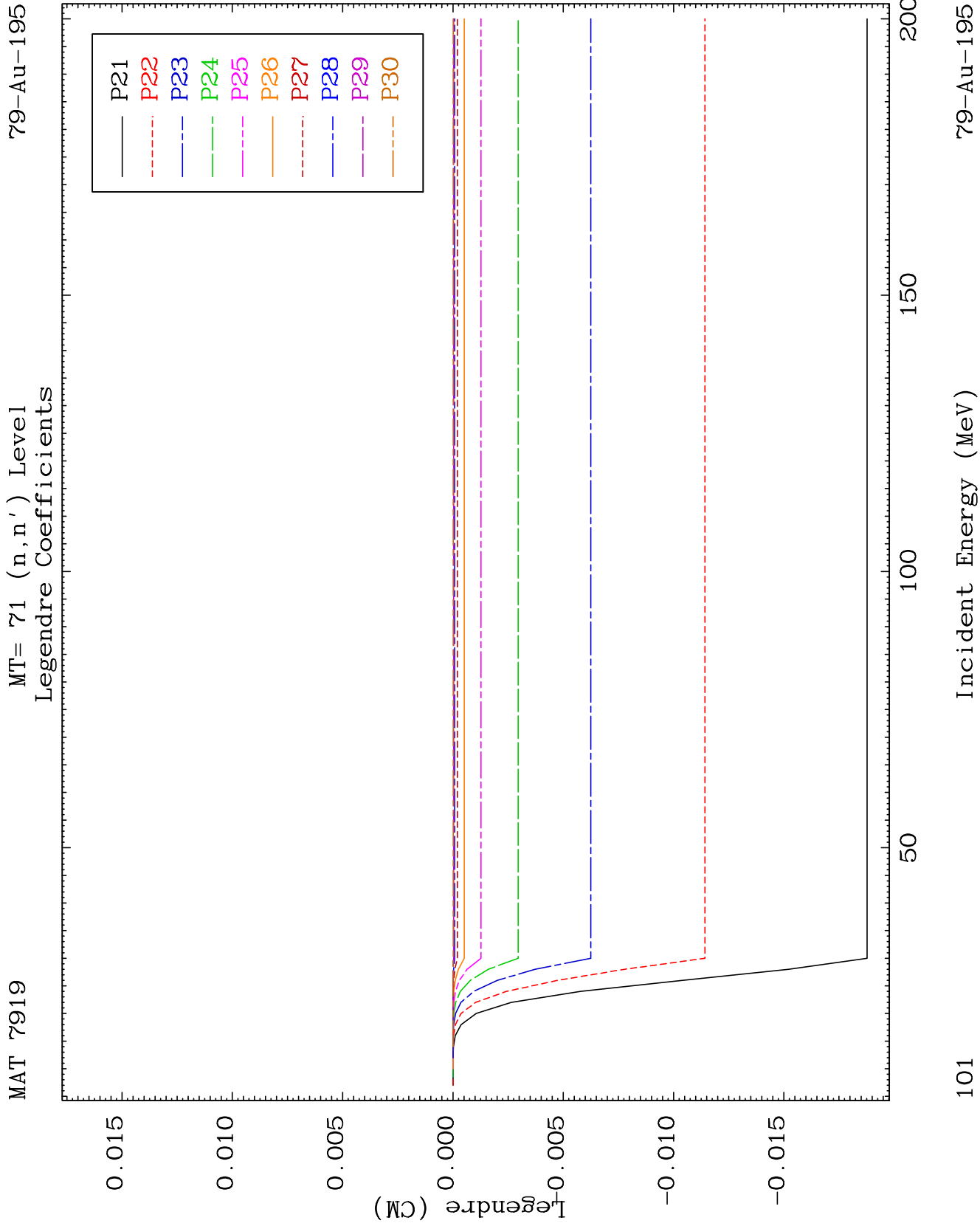


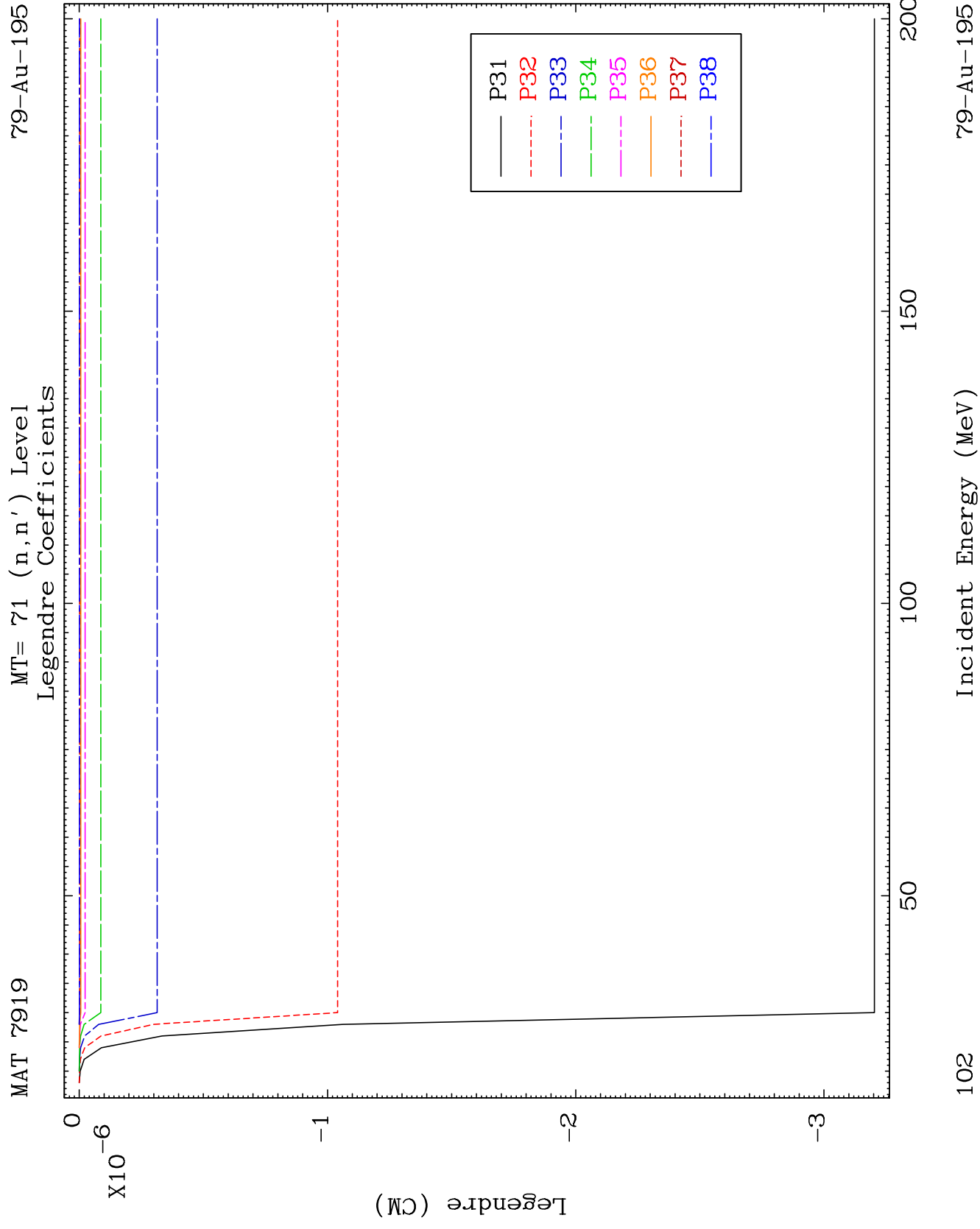
MAT 7919

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

79-Au-195



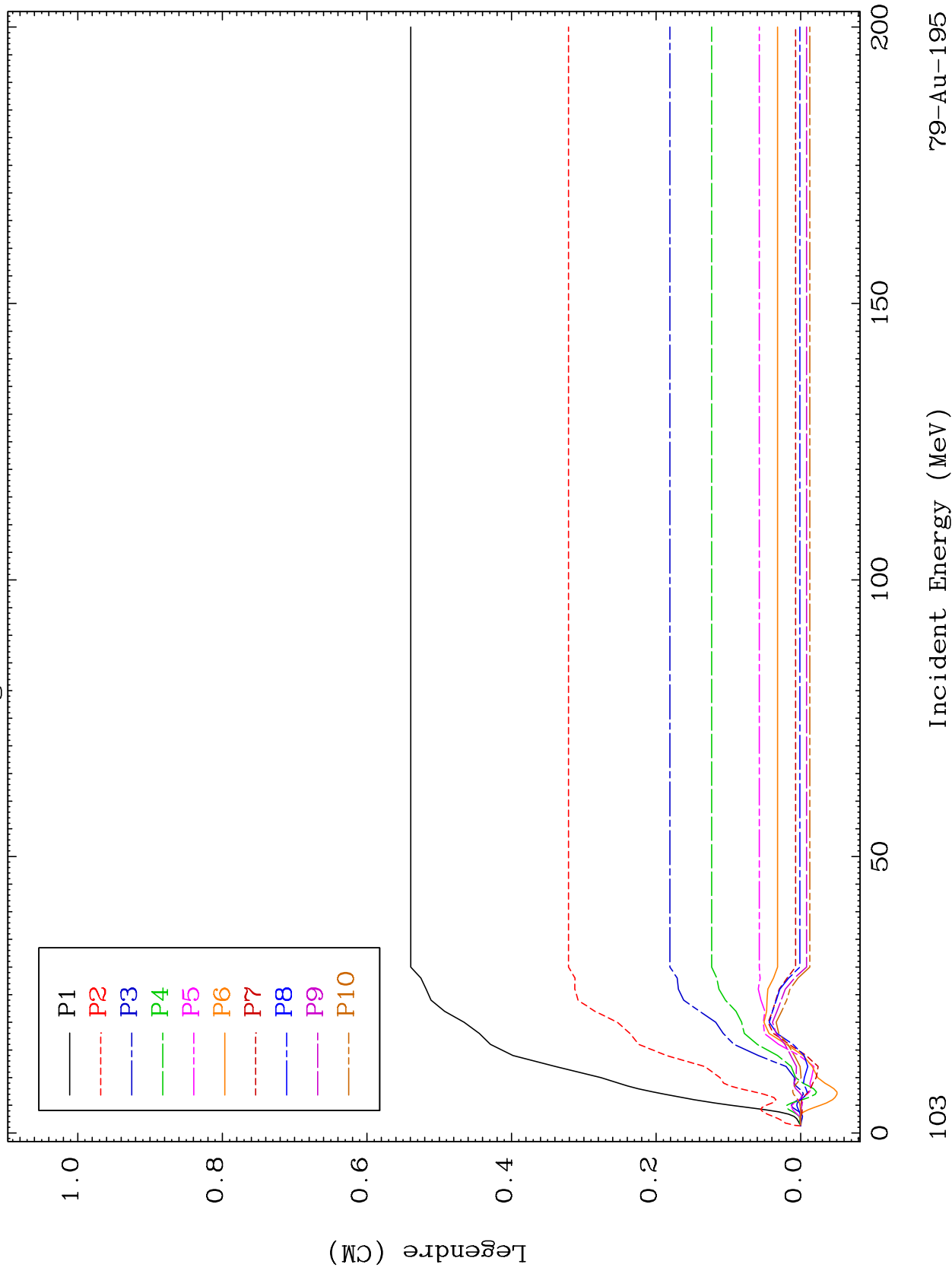


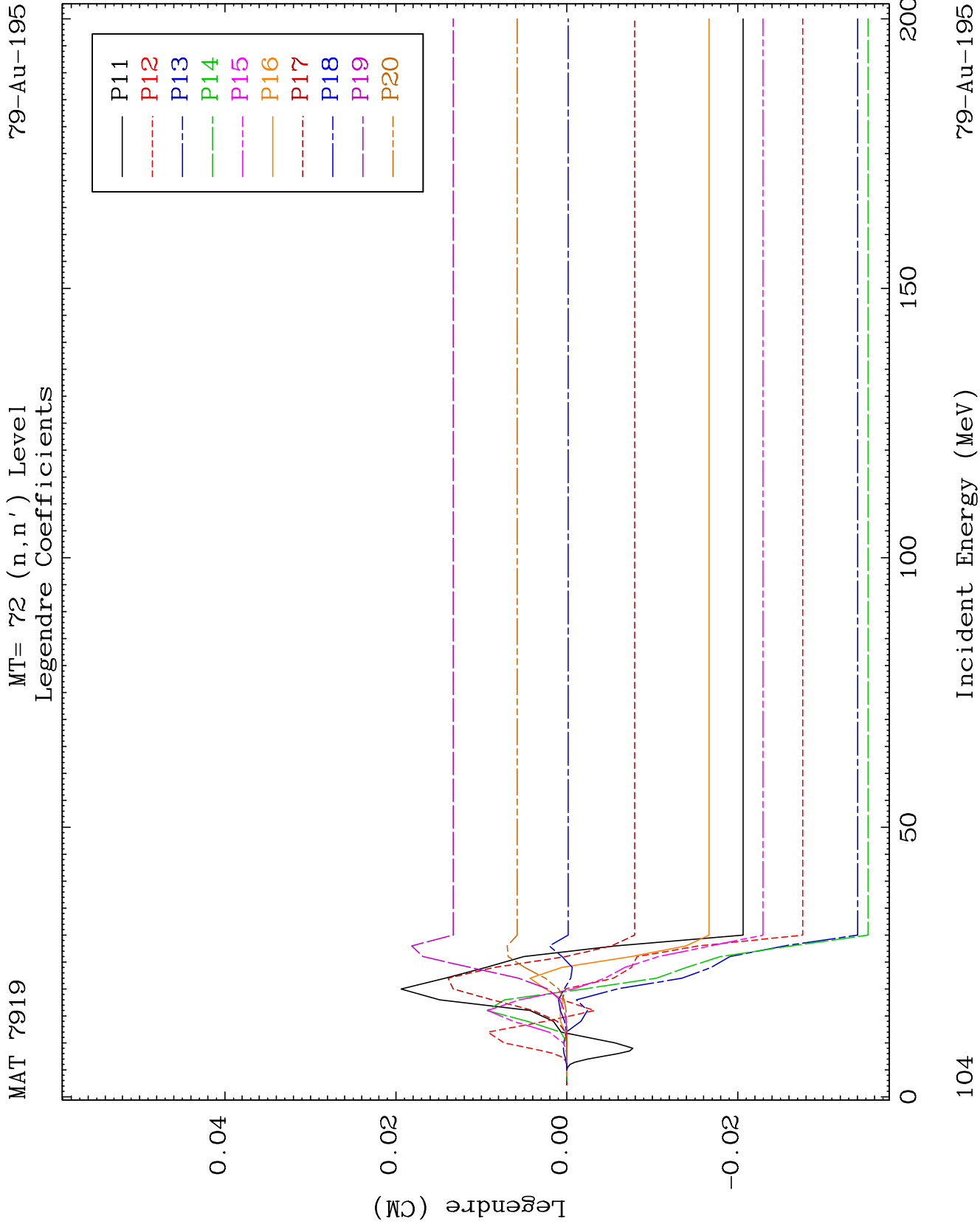


MAT 7919

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

79-Au-195

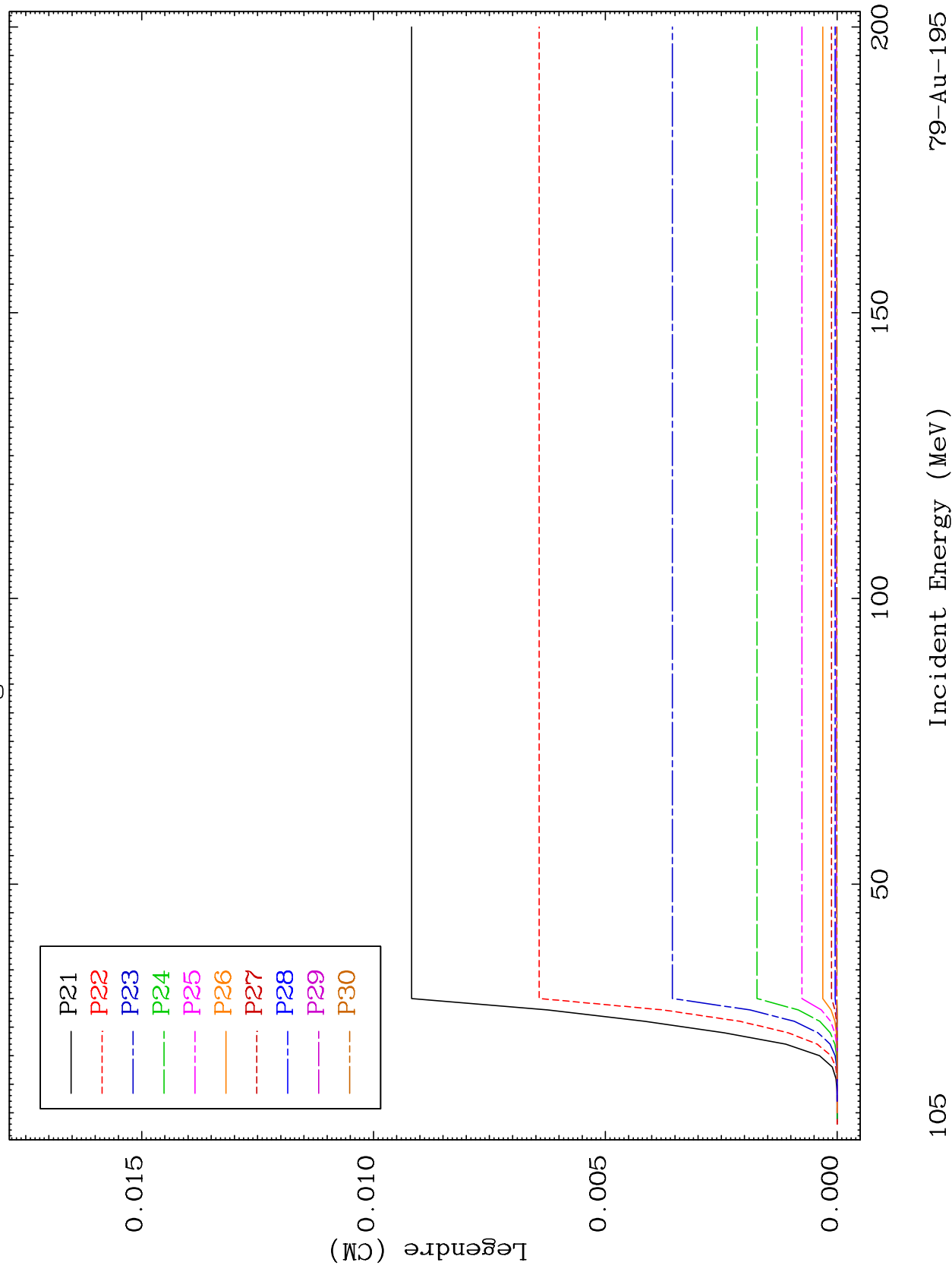


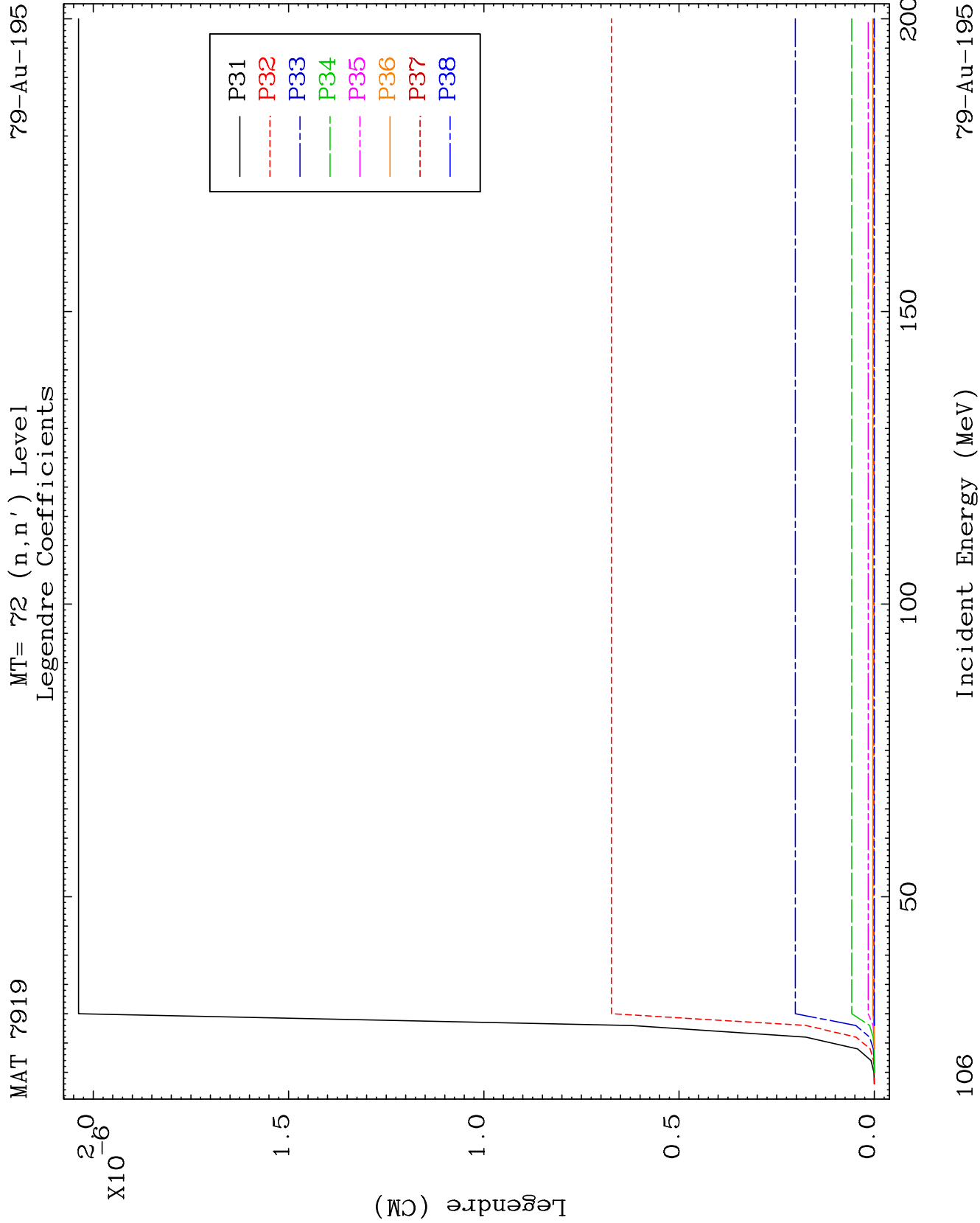


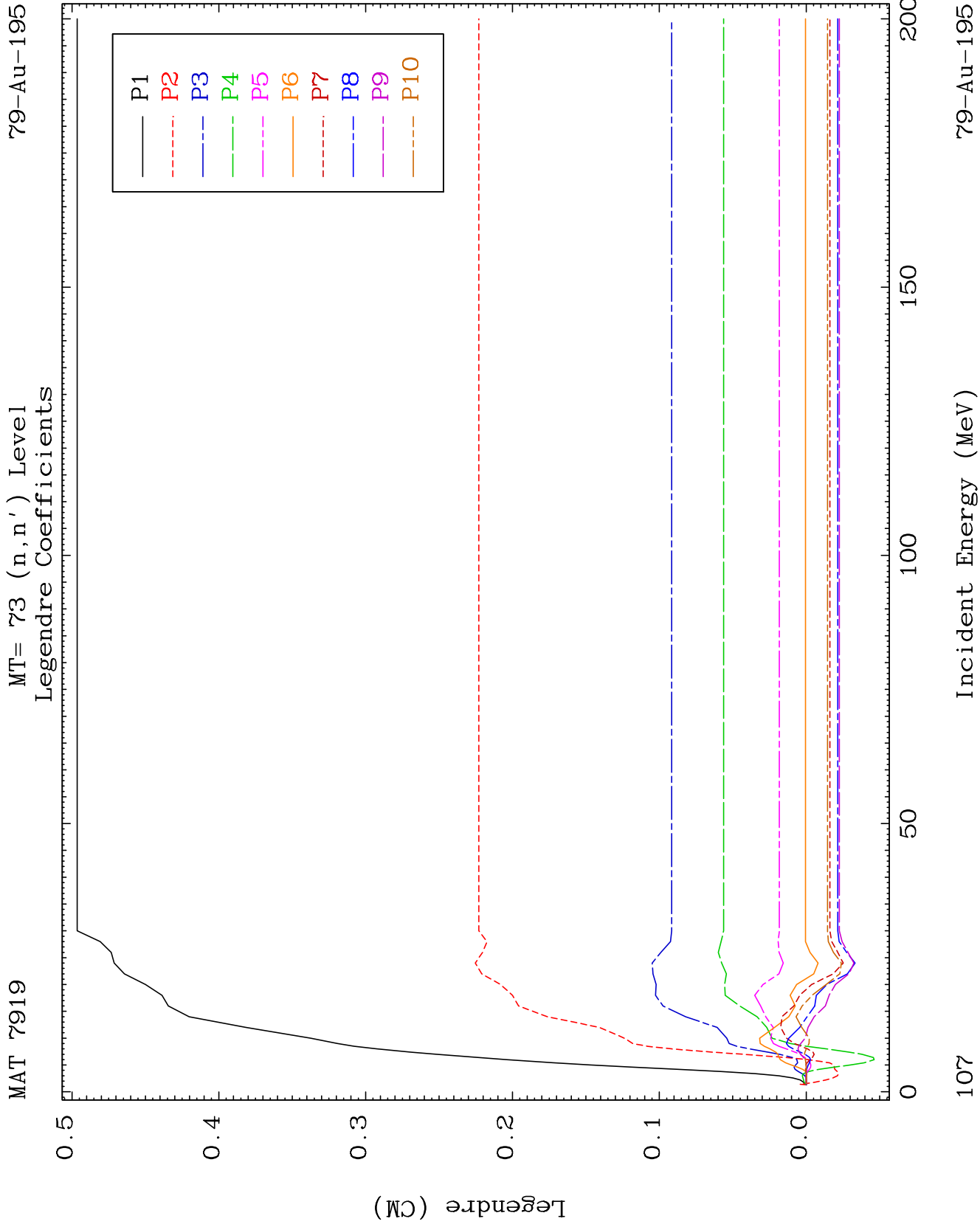
MAT 7919

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

79-Au-195



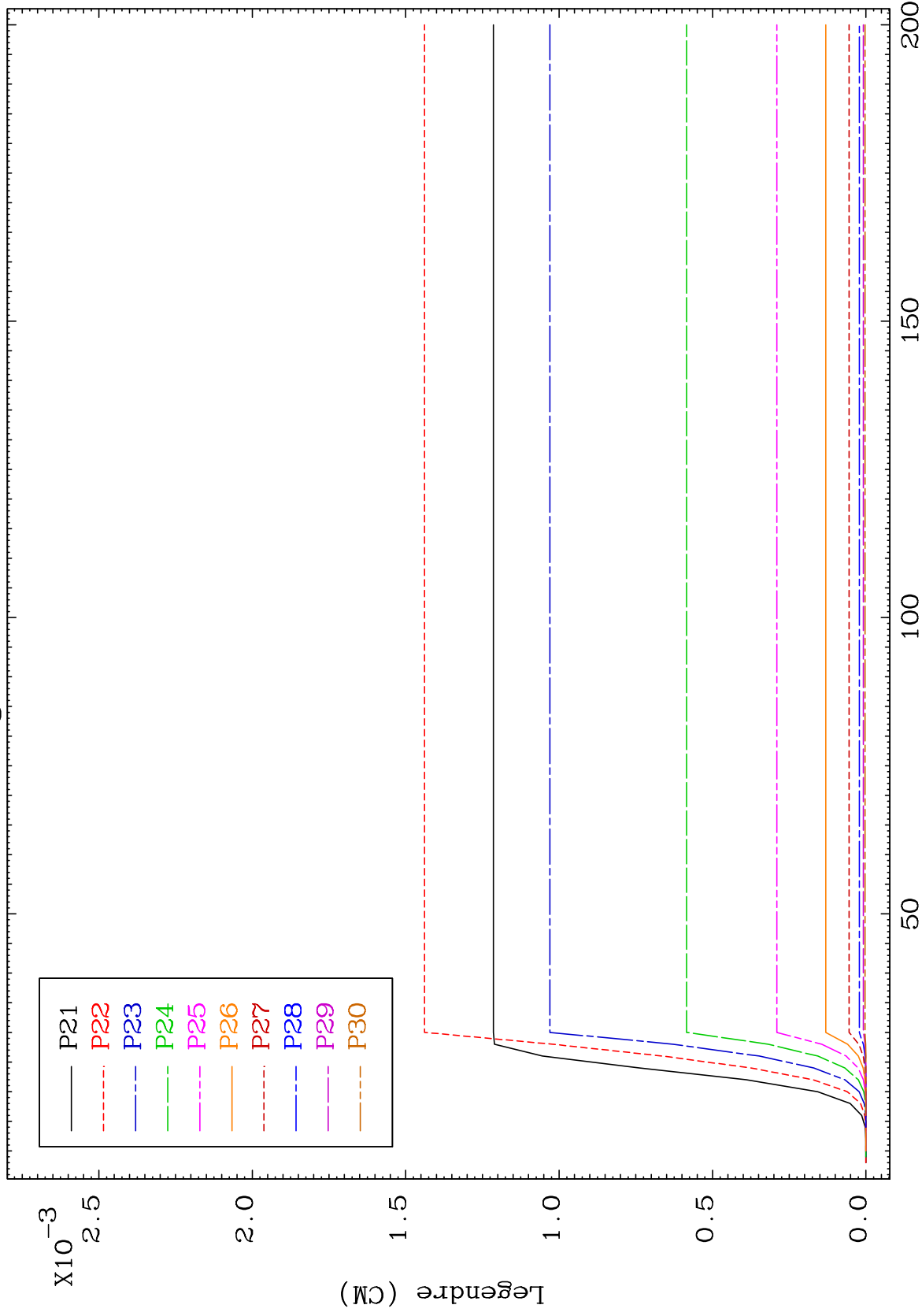




MAT 7919

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

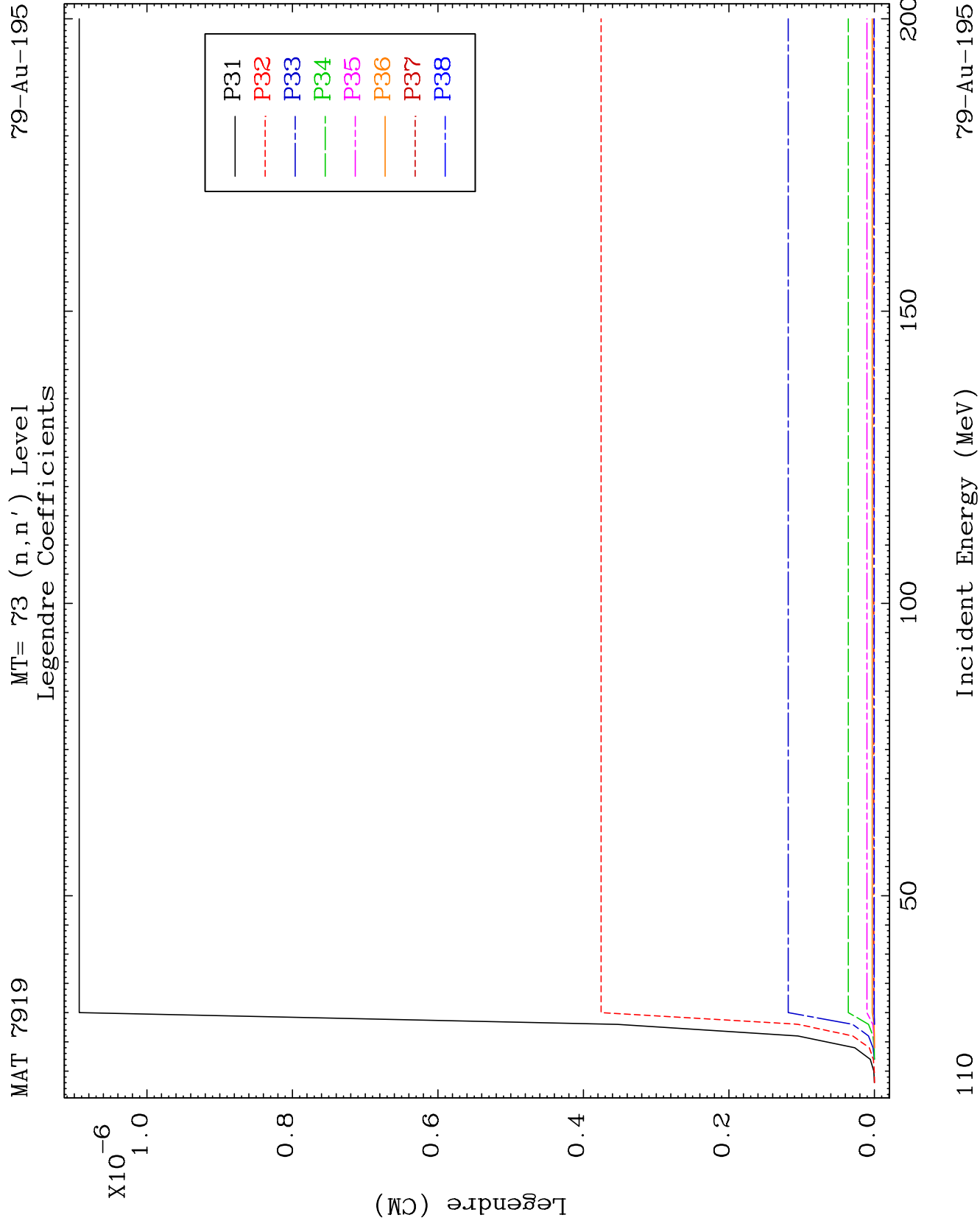
79-Au-195

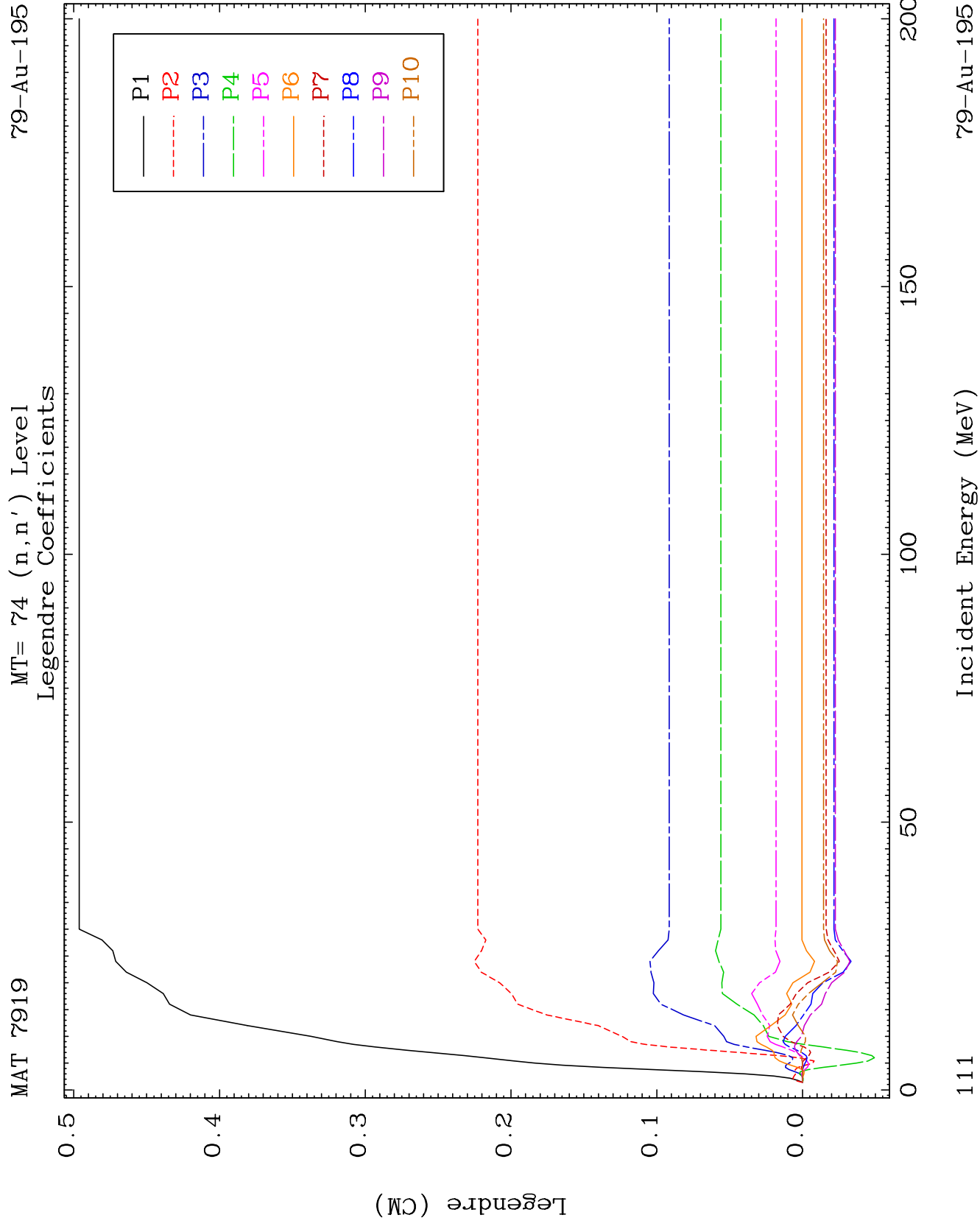


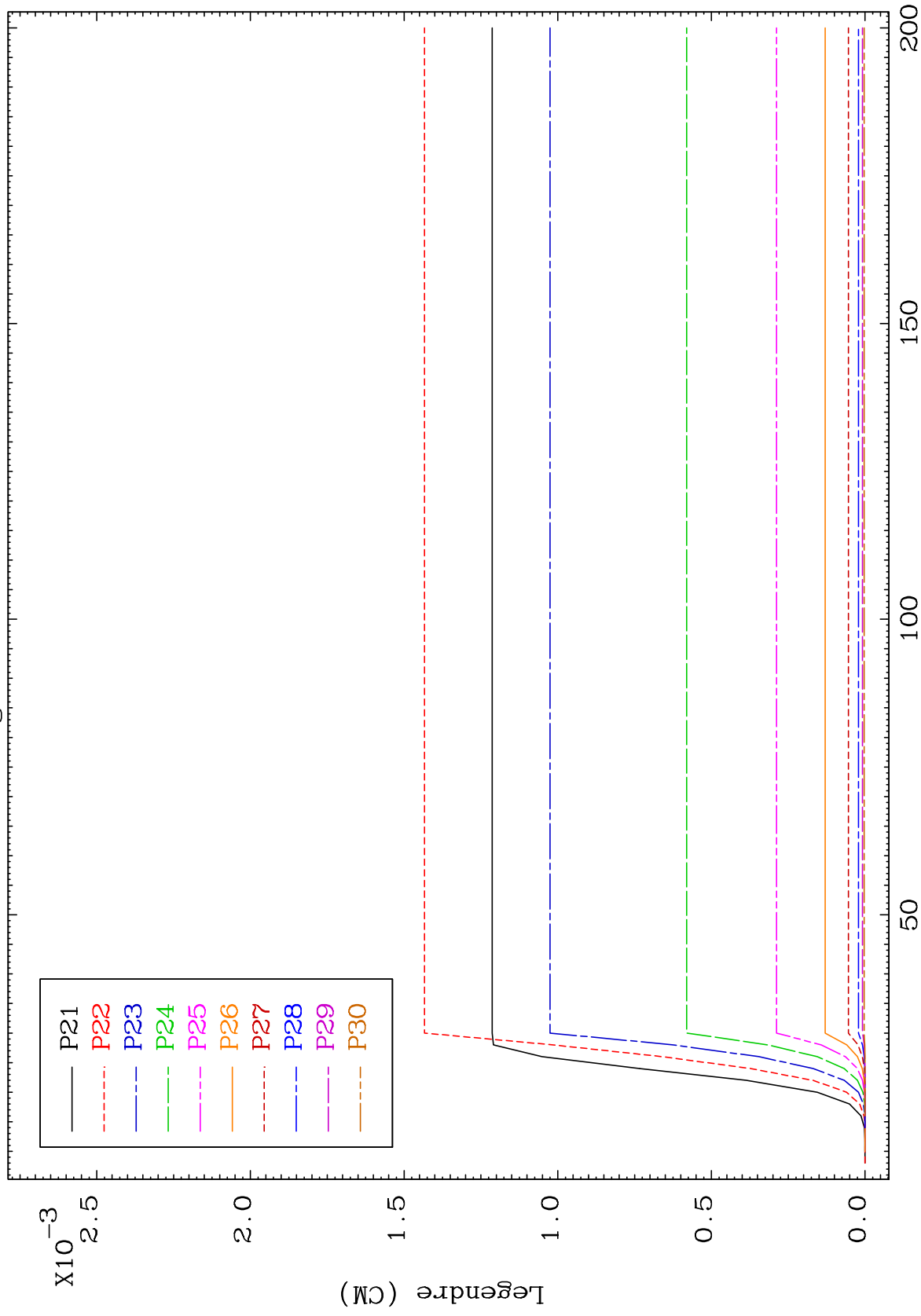
109

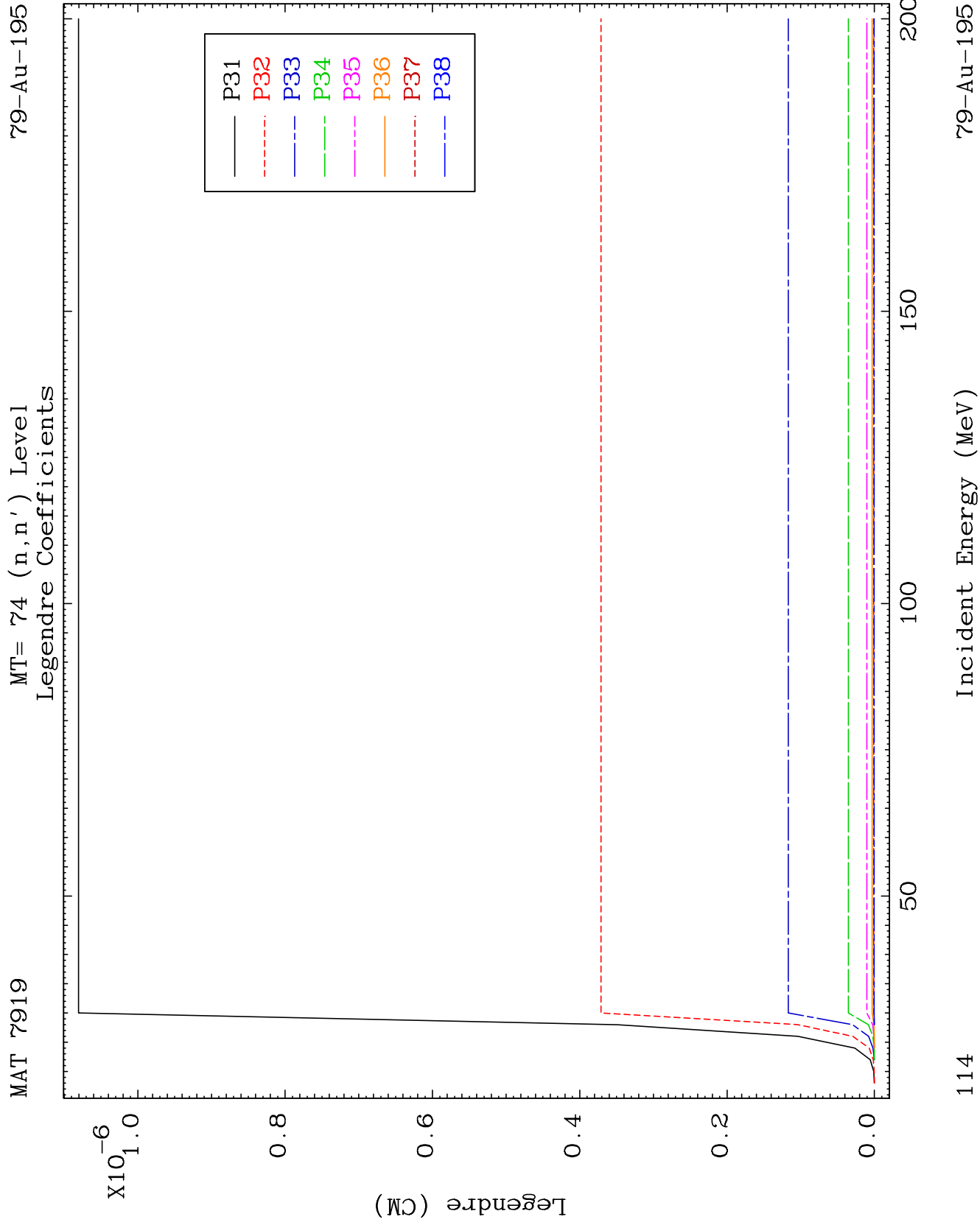
Incident Energy (MeV)

79-Au-195





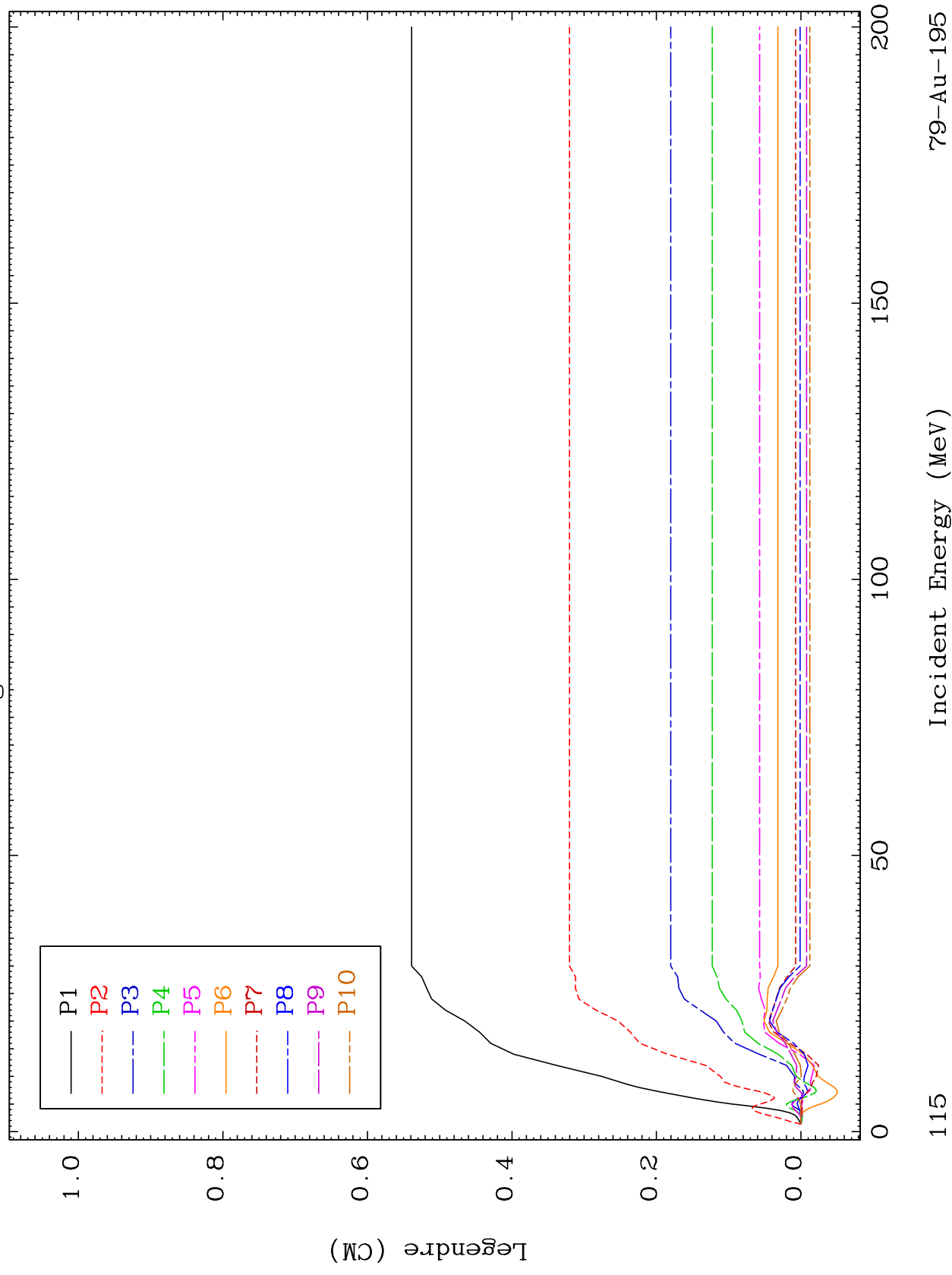


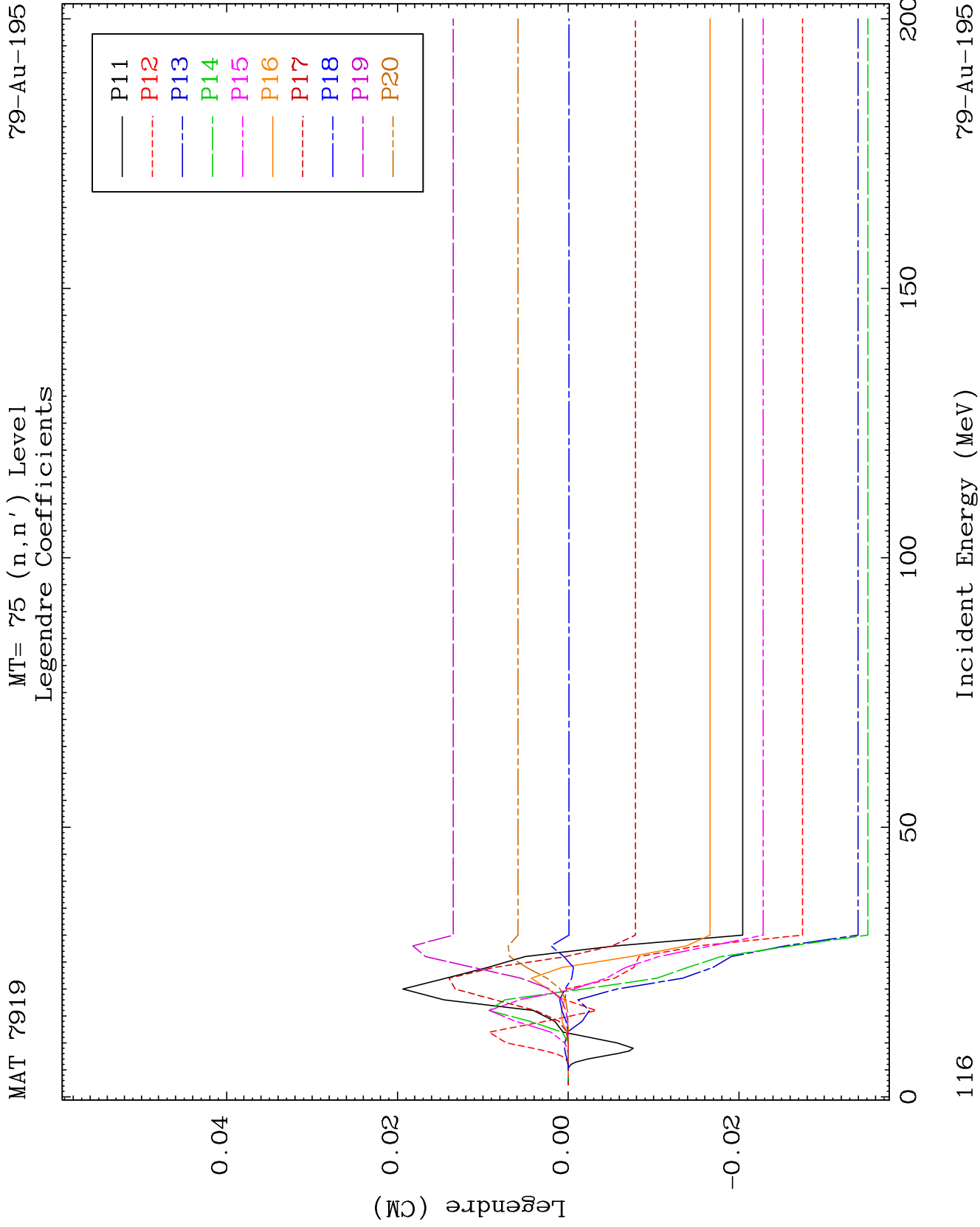


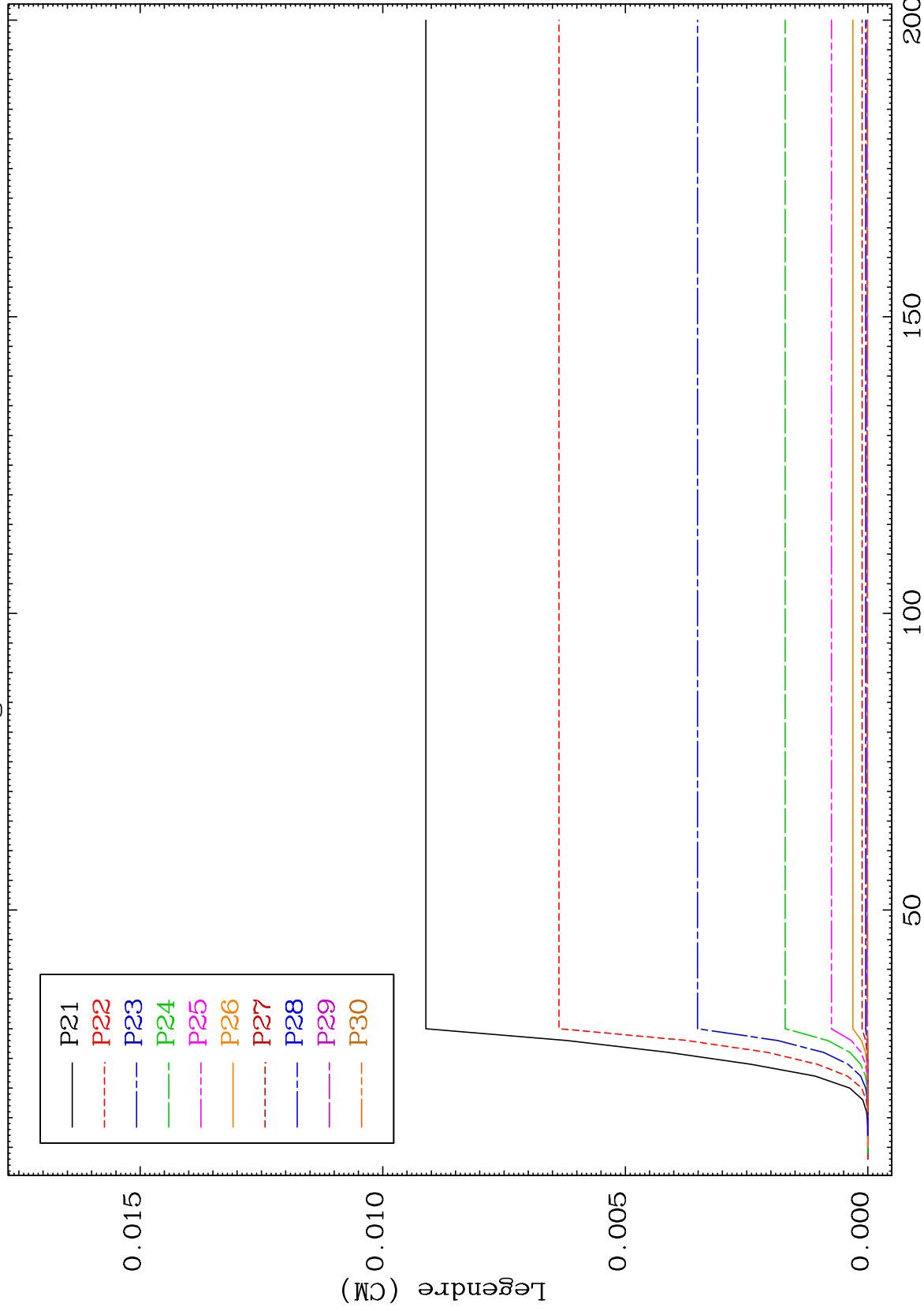
MAT 7919

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

79-Au-195



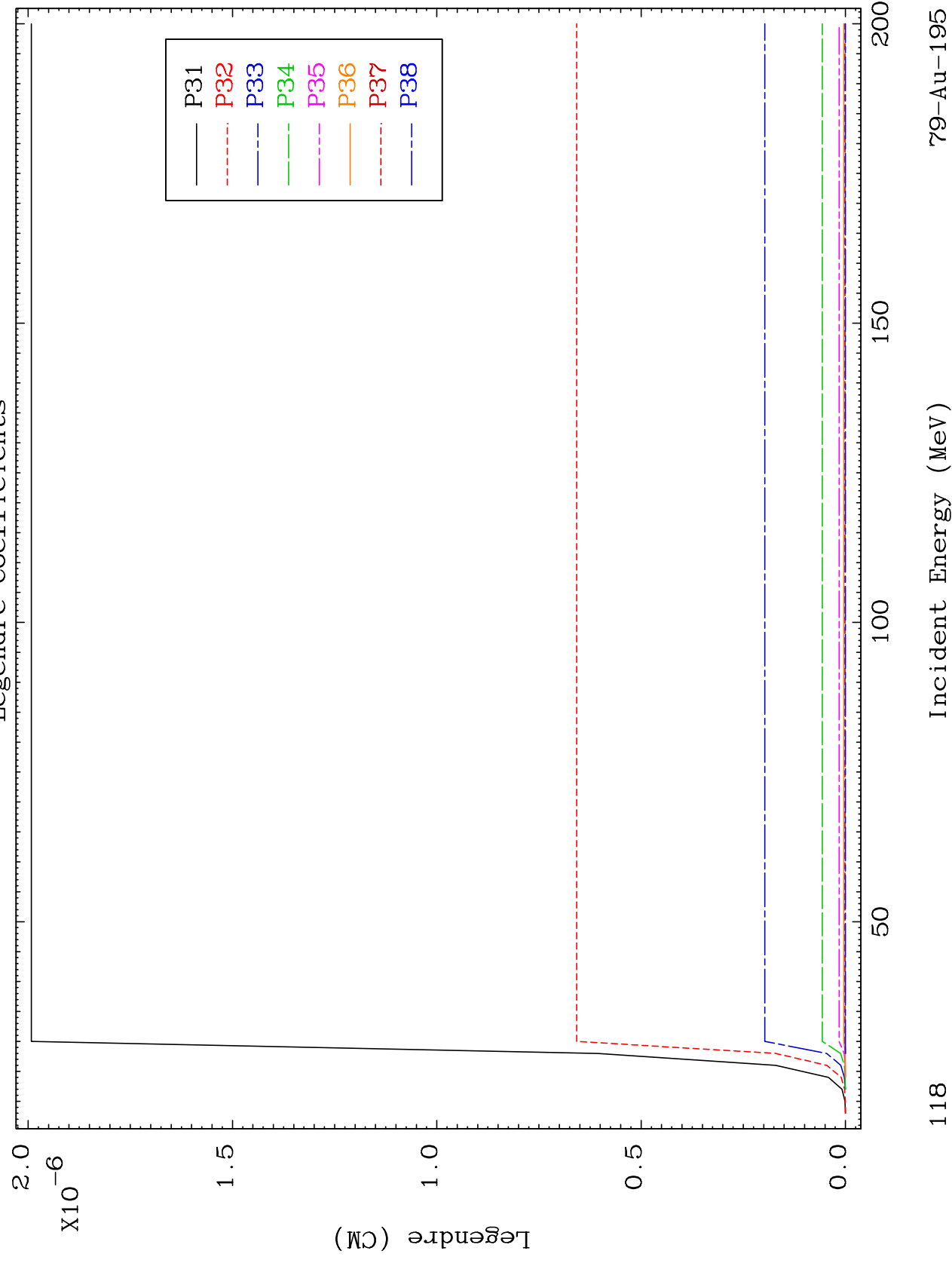




MAT 7919

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

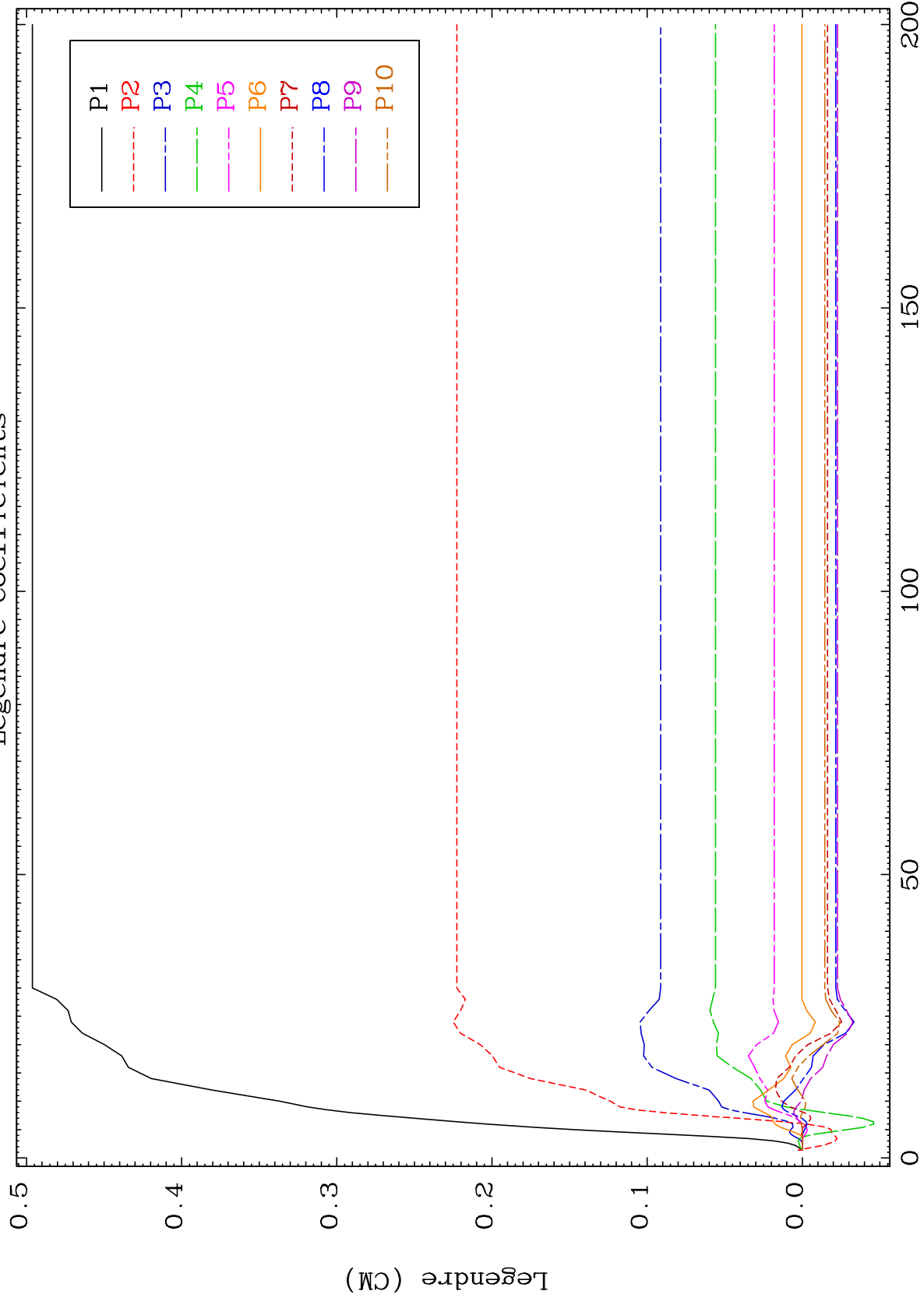
79-Au-195

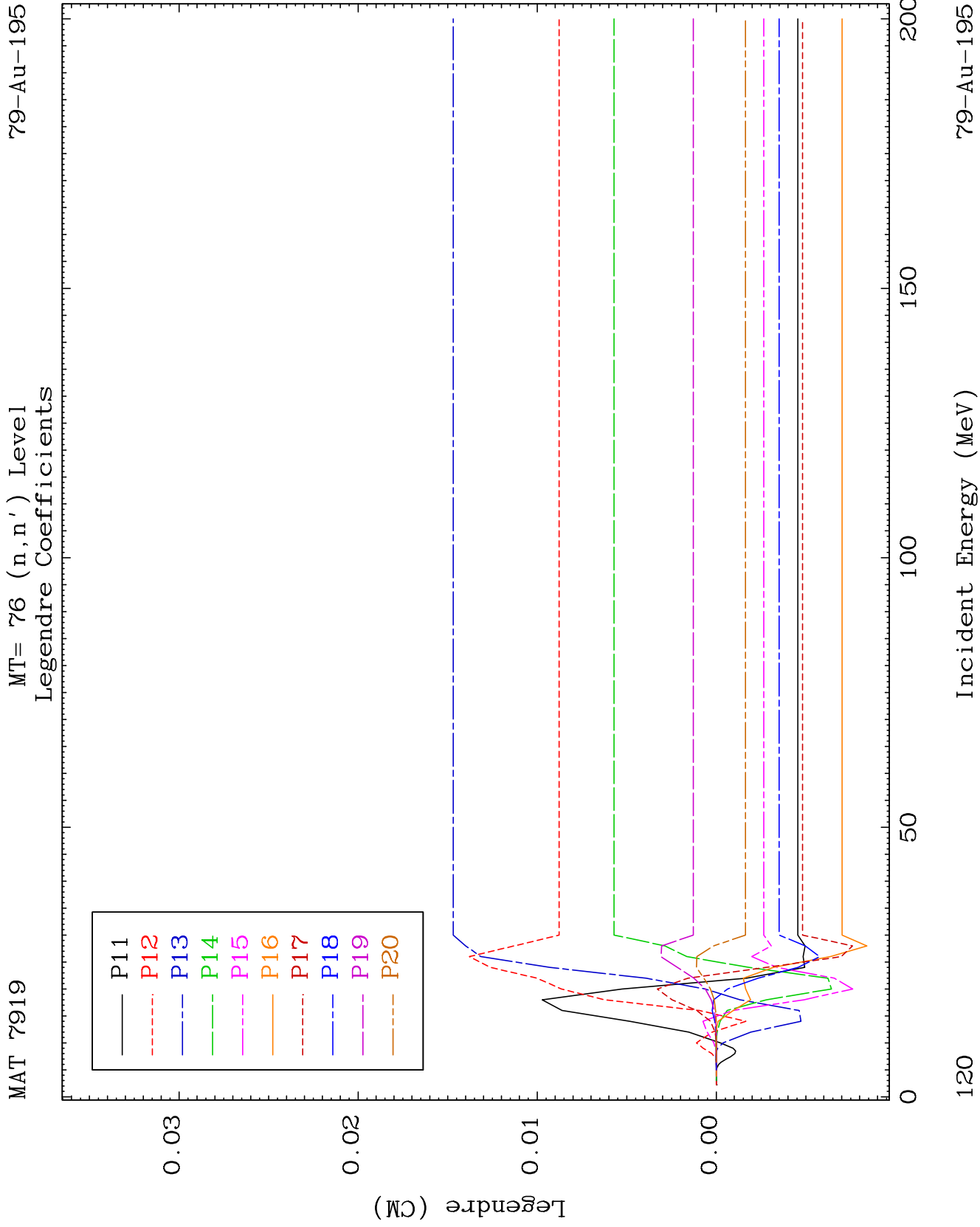


MAT 7919

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

79-Au-195

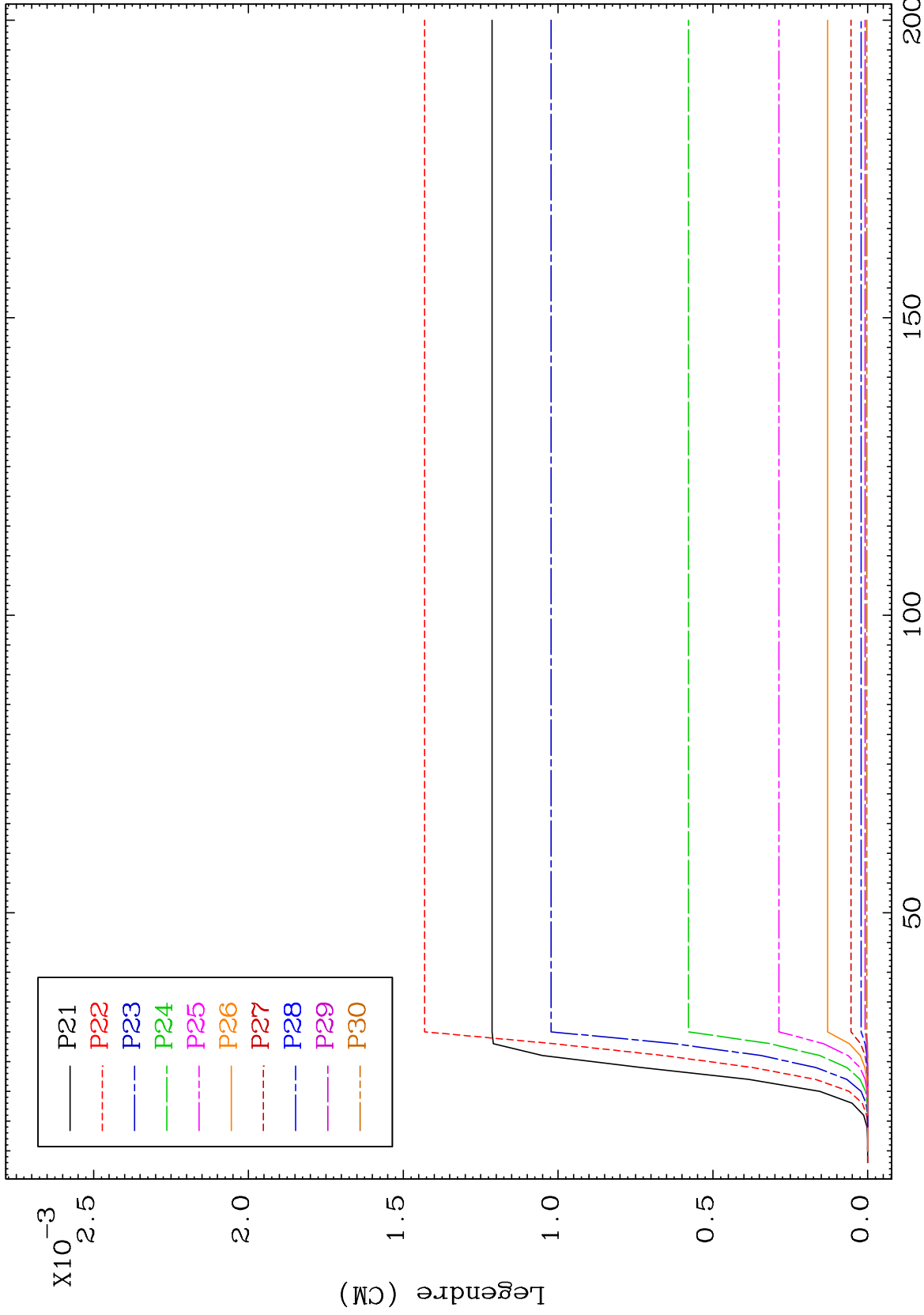




MAT 7919

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

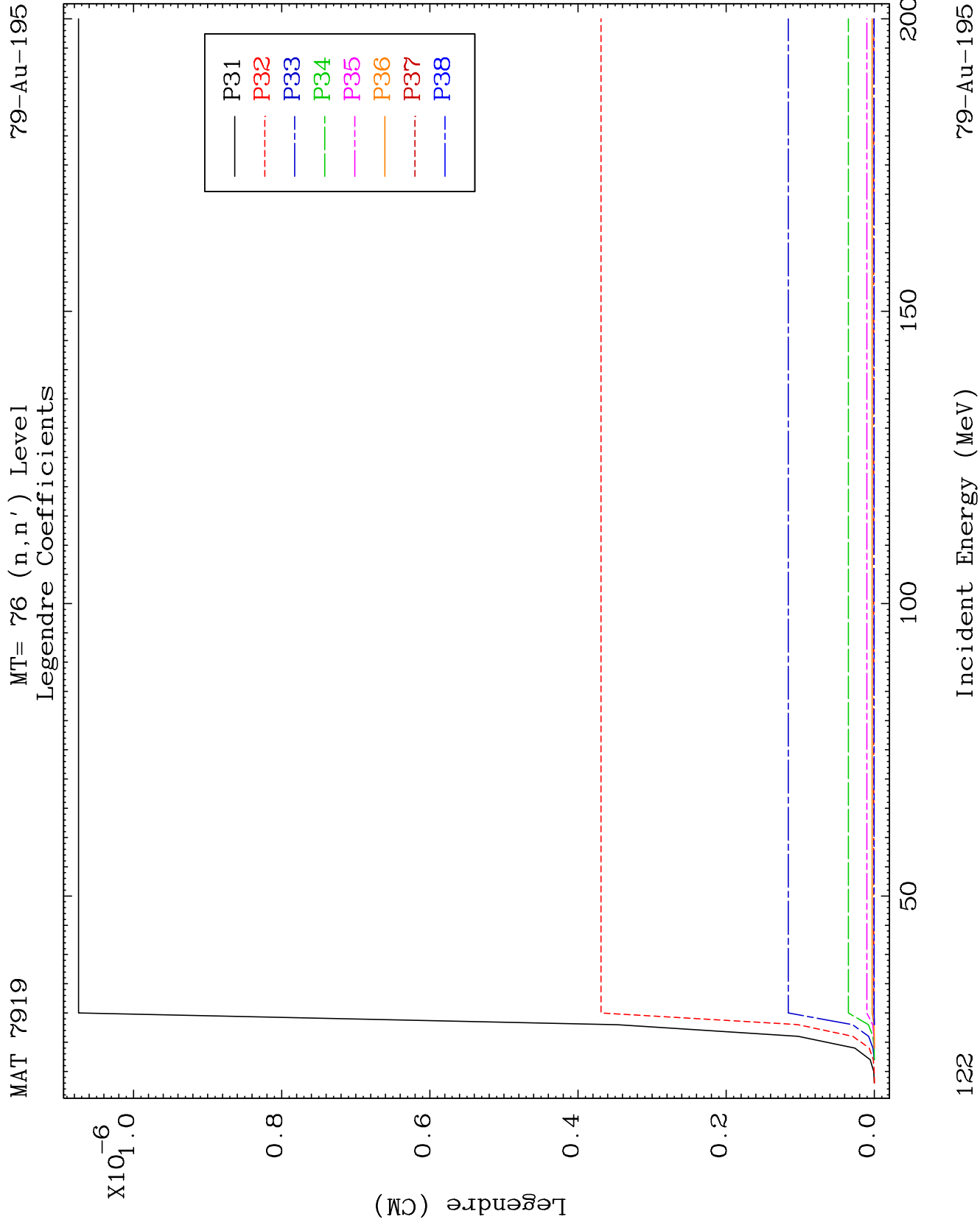
79-Au-195



121

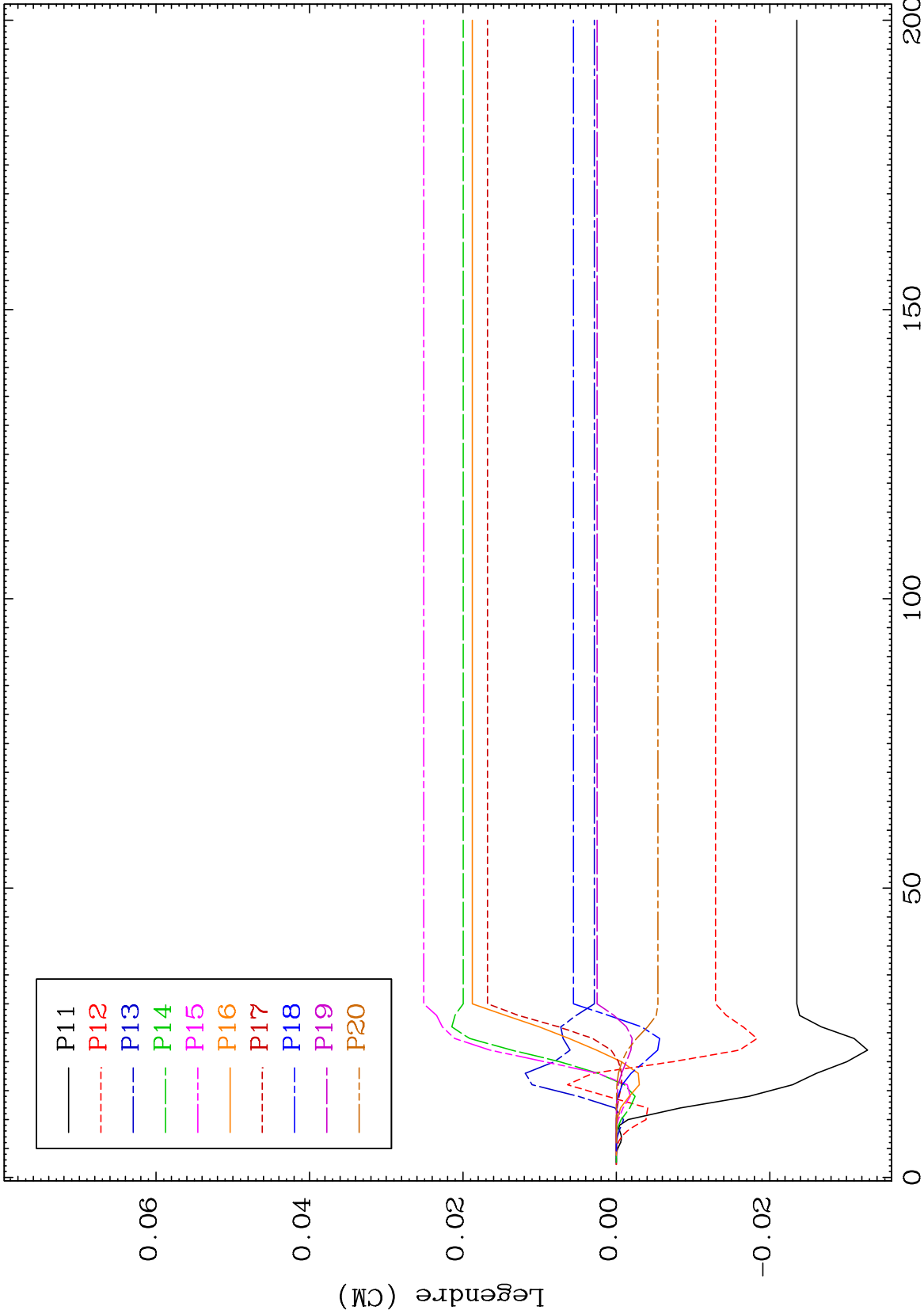
Incident Energy (MeV)

79-Au-195

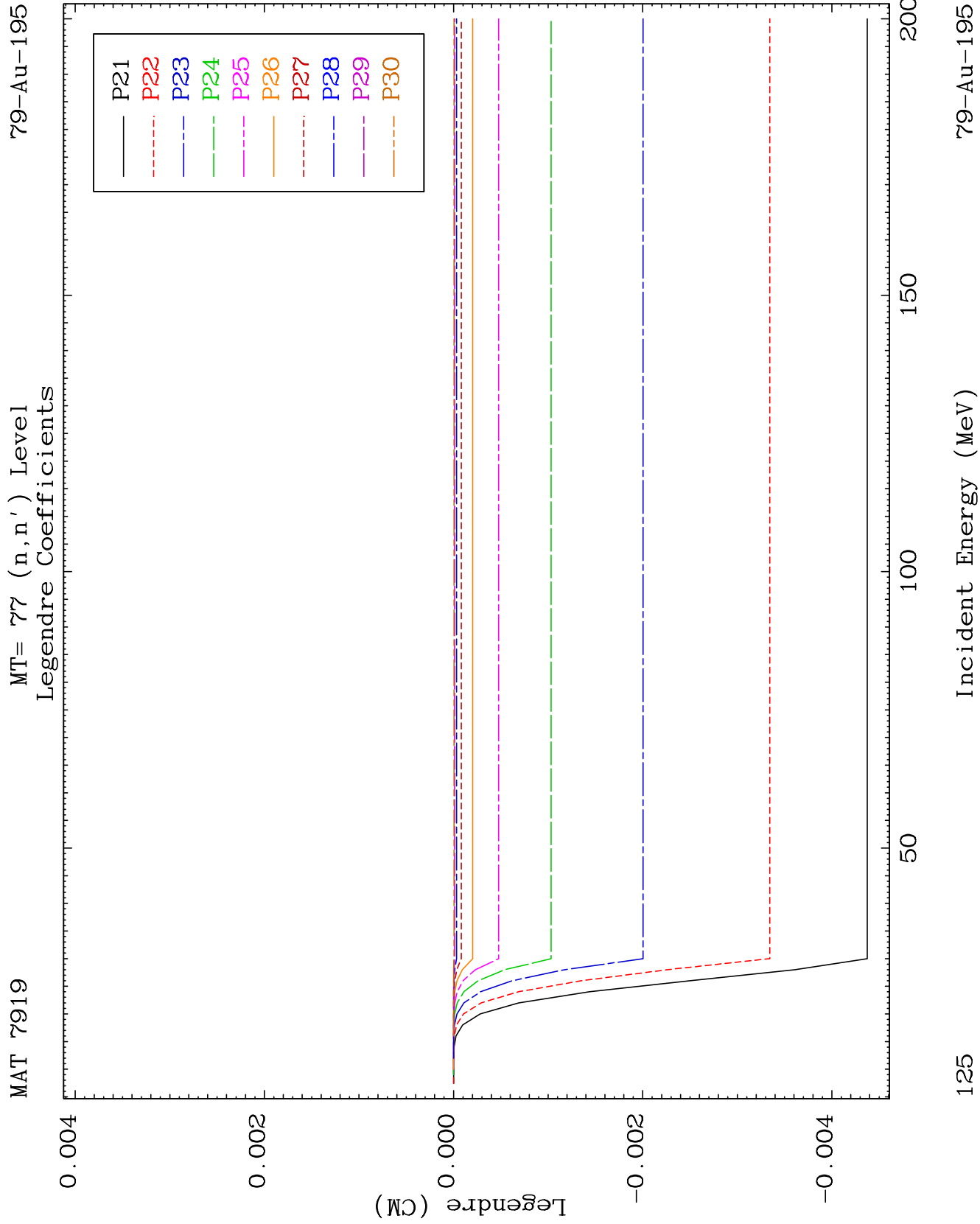


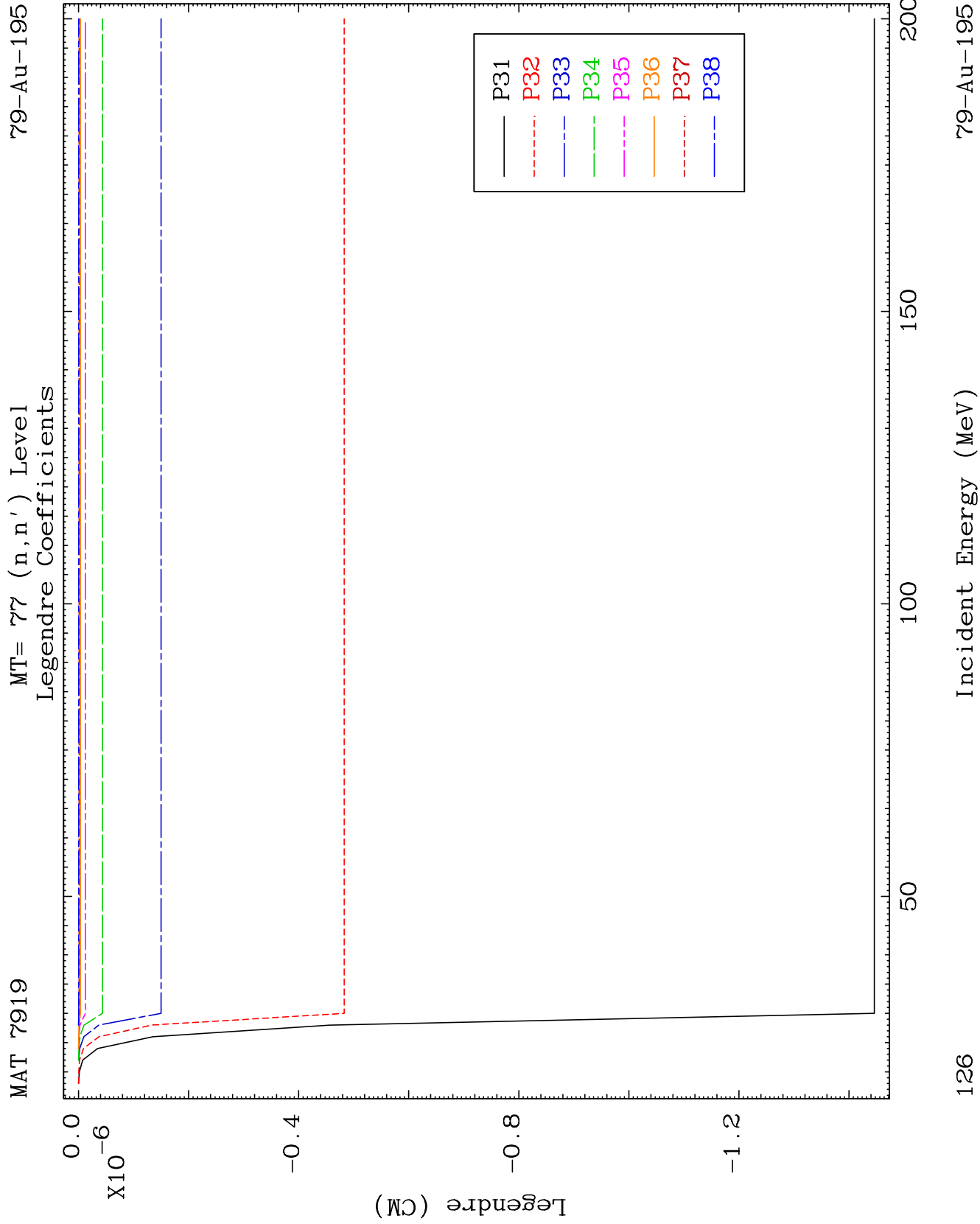
MAT 7919 MT= 77 (n,n') Level 79-Au-195

Legendre Coefficients



124 Incident Energy (MeV) 79-Au-195

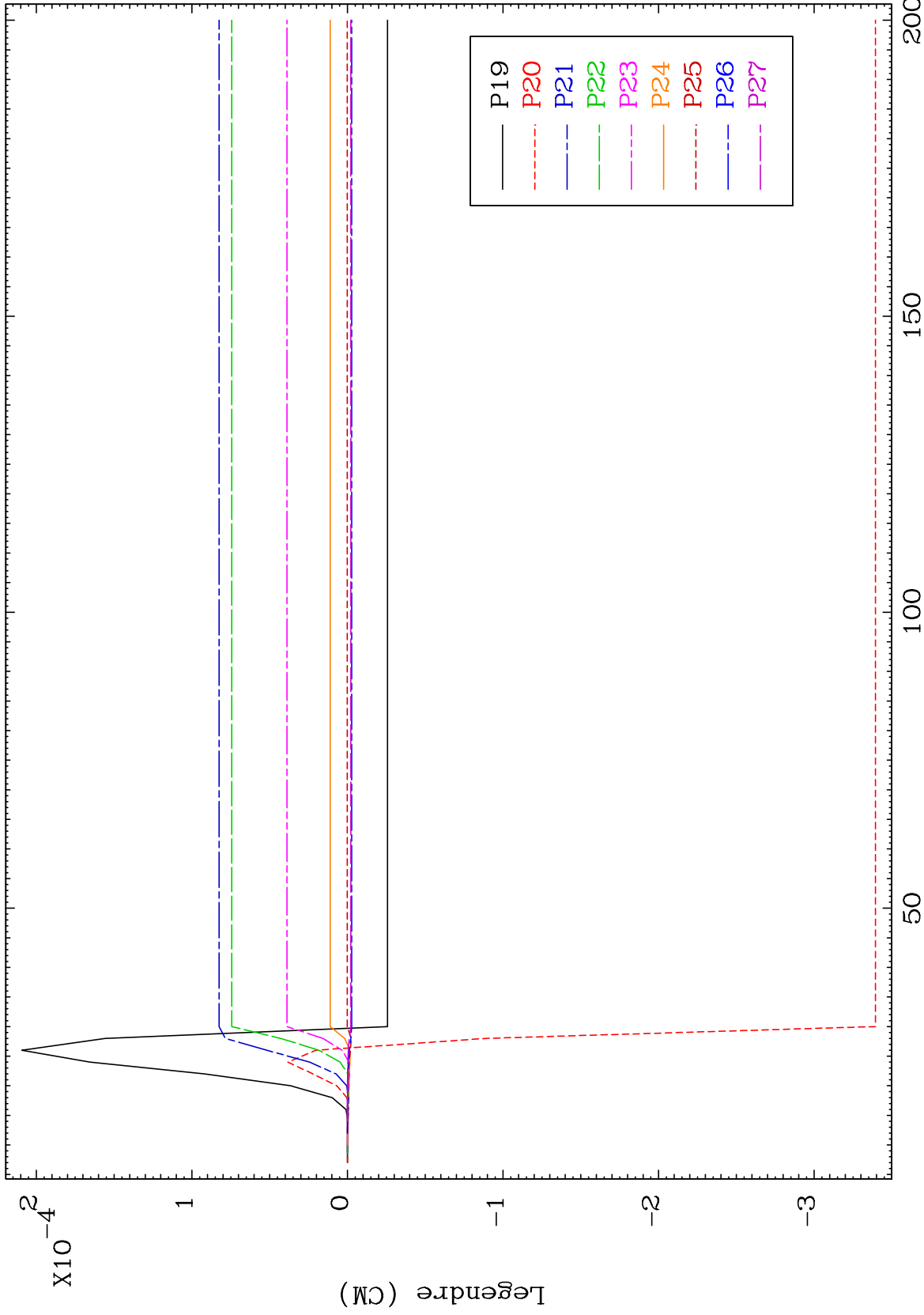




MAT 7919

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

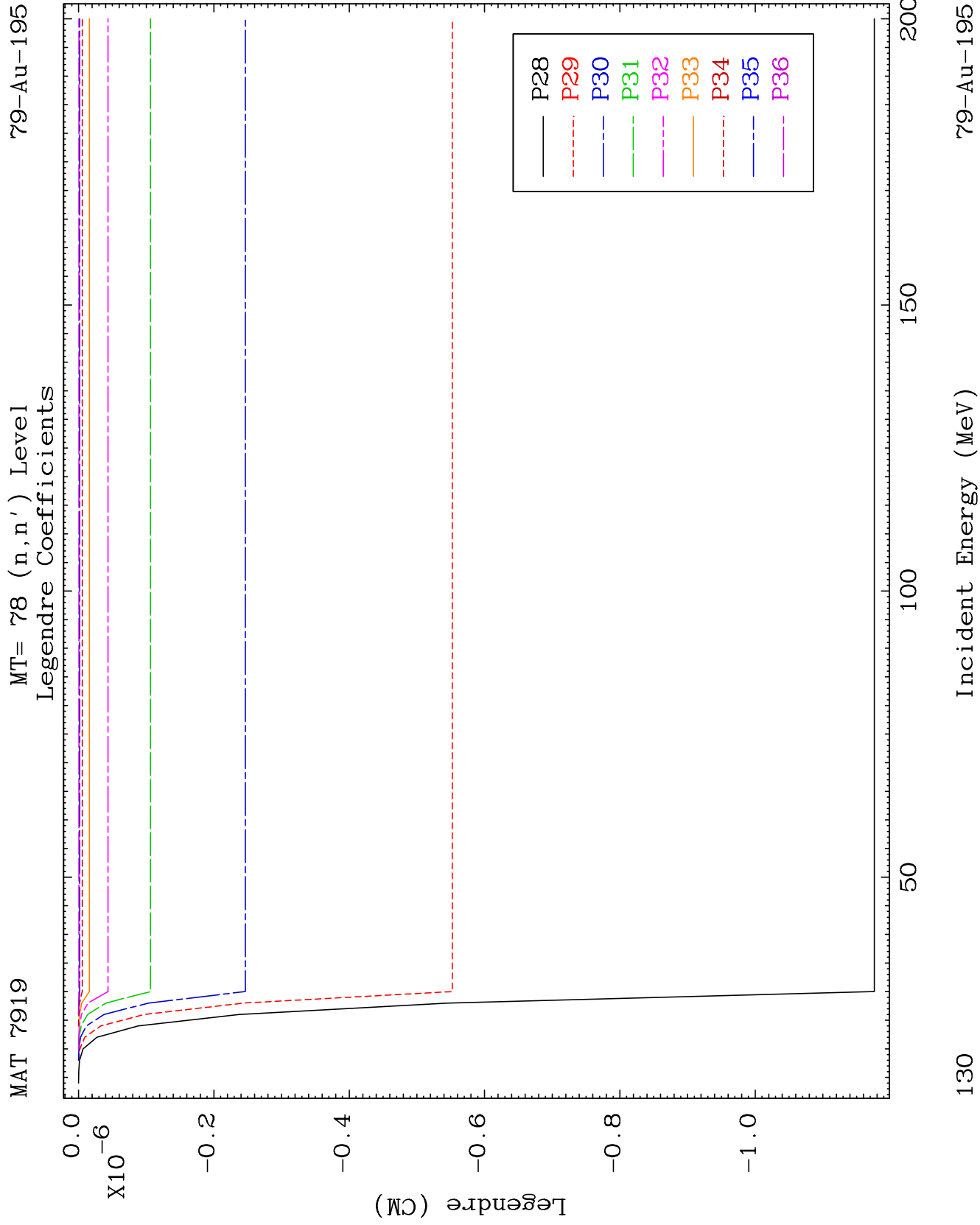
79-Au-195

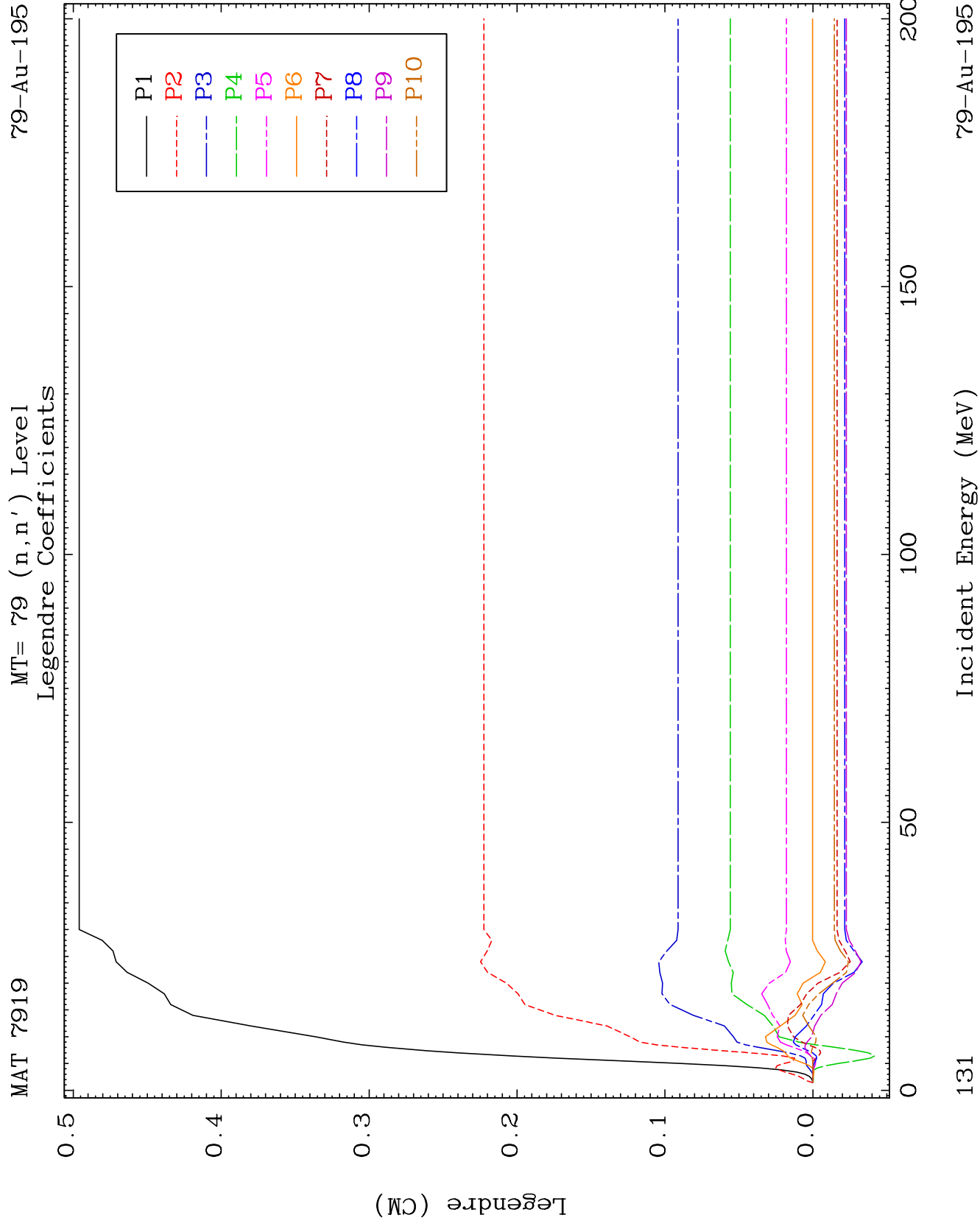


129

Incident Energy (MeV)

79-Au-195

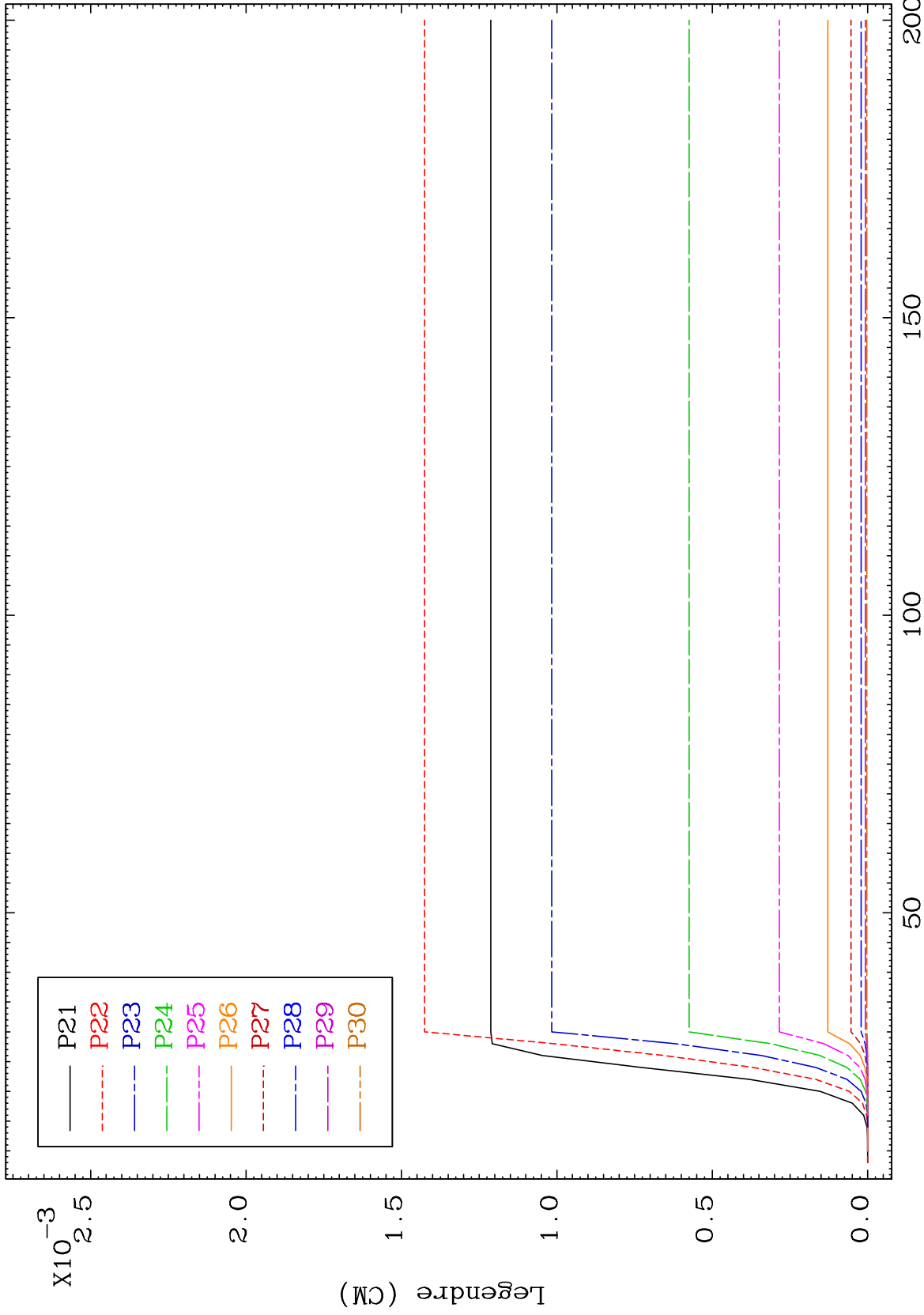




MAT 7919

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

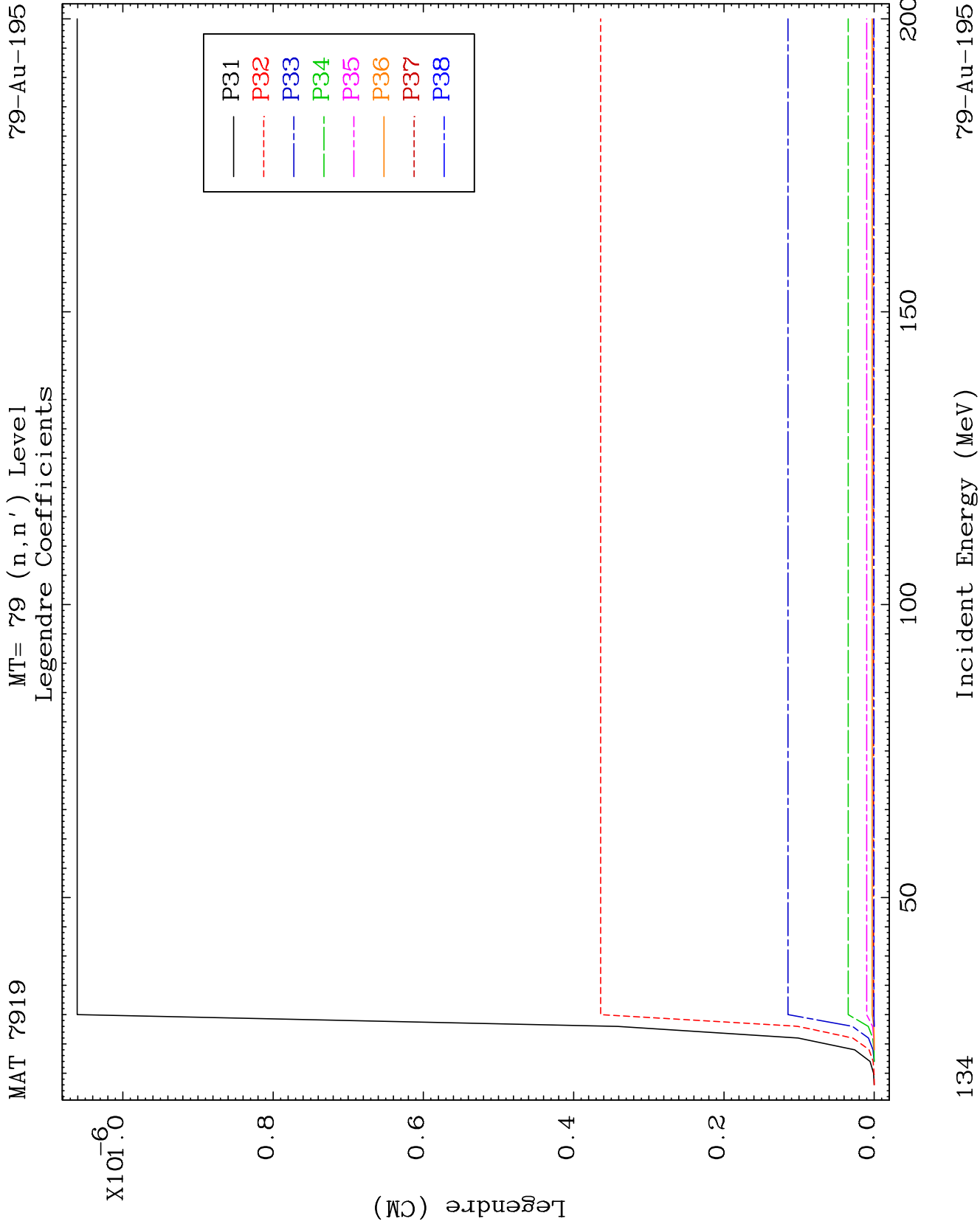
79-Au-195



133

Incident Energy (MeV)

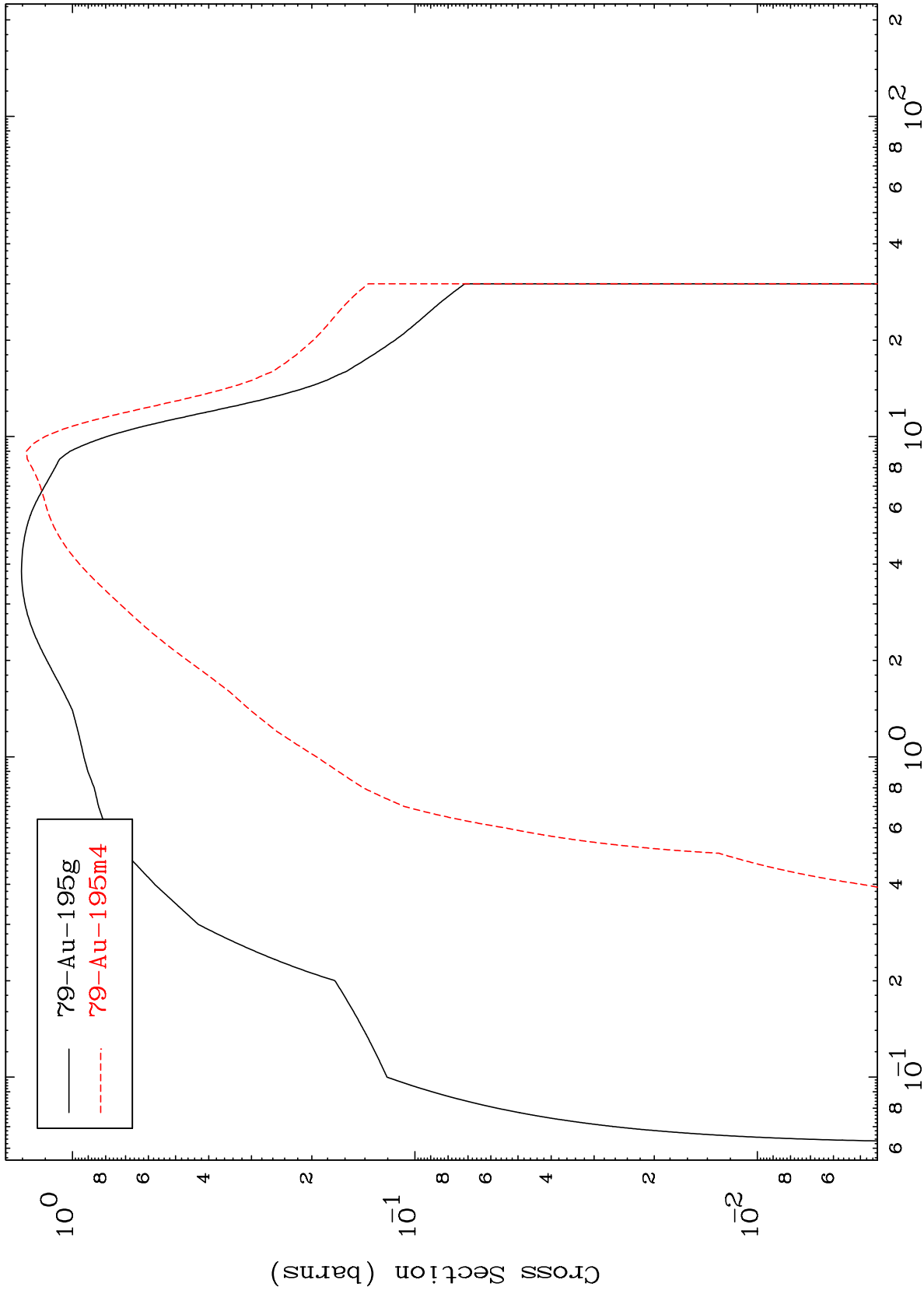
79-Au-195



MAT 7919

79-Au-195

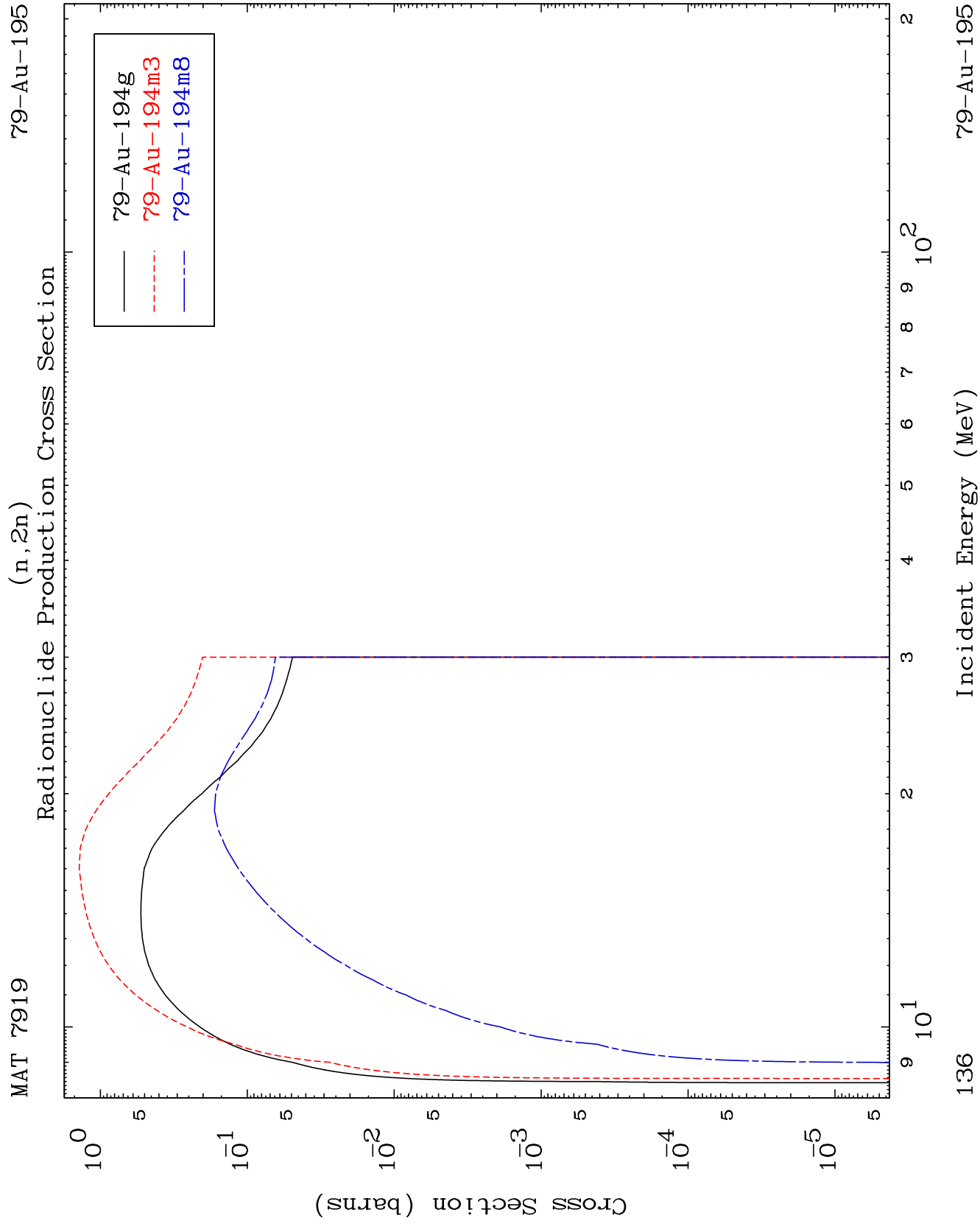
Radionuclide Production Cross Section



135

Incident Energy (MeV)

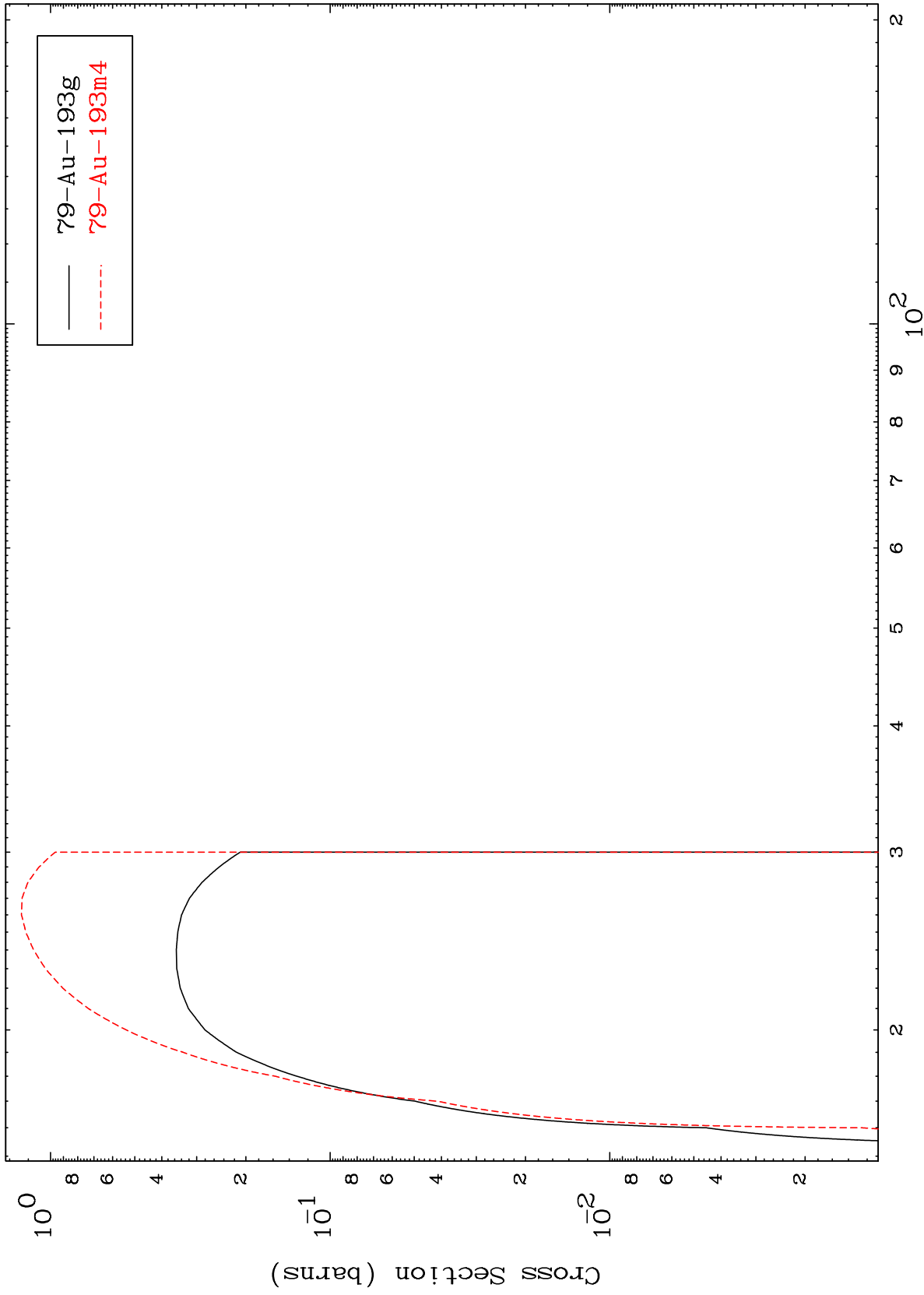
79-Au-195



MAT 7919

79-Au-195

(n,3n)
Radionuclide Production Cross Section



137

Incident Energy (MeV)

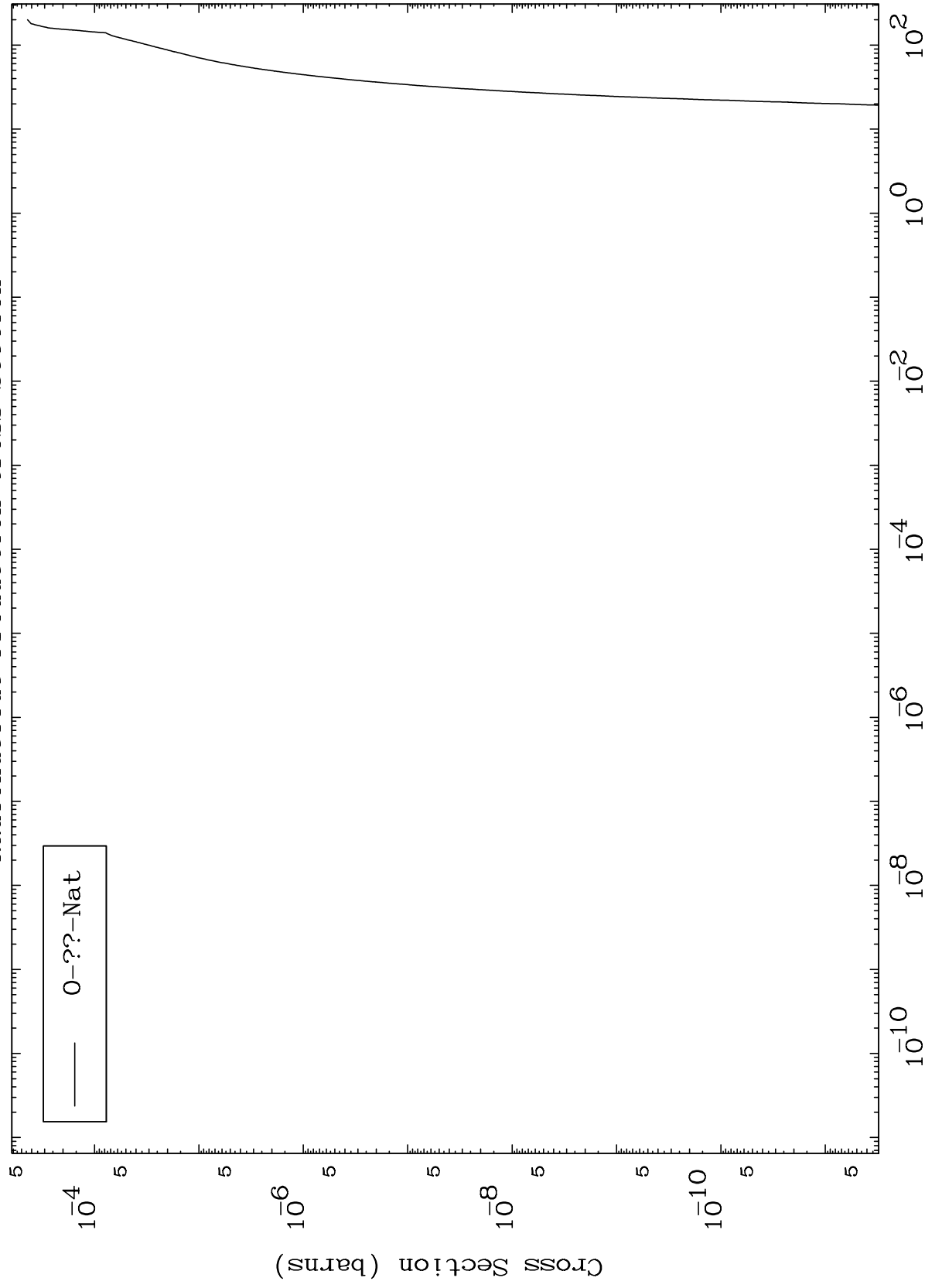
79-Au-195

MAT 7919

Fission

⁷⁹Au-195

Radionuclide Production Cross Section



138

Incident Energy (MeV)

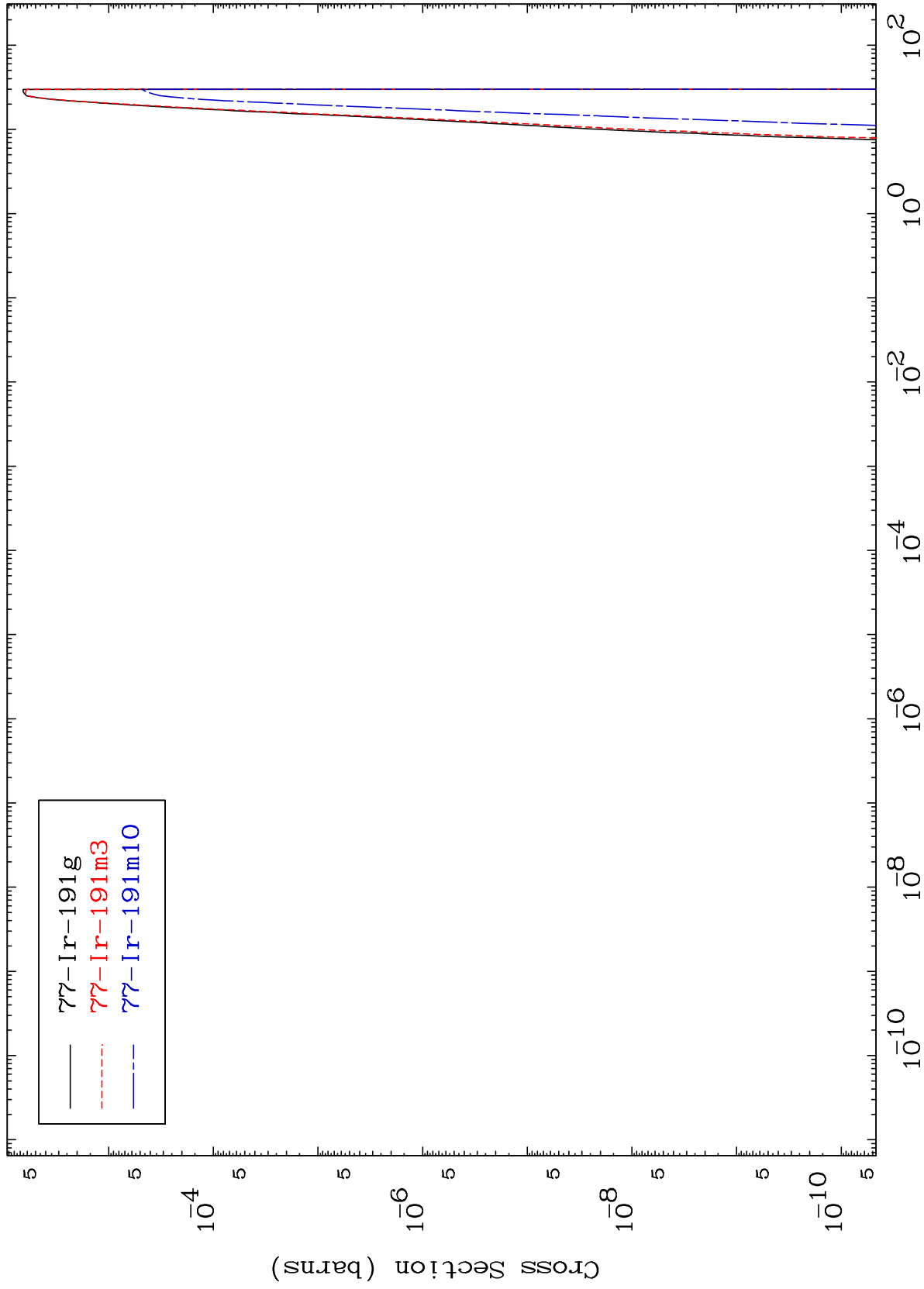
⁷⁹Au-195

MAT 7919

$(n,n') \alpha$

79-Au-195

Radionuclide Production Cross Section



139

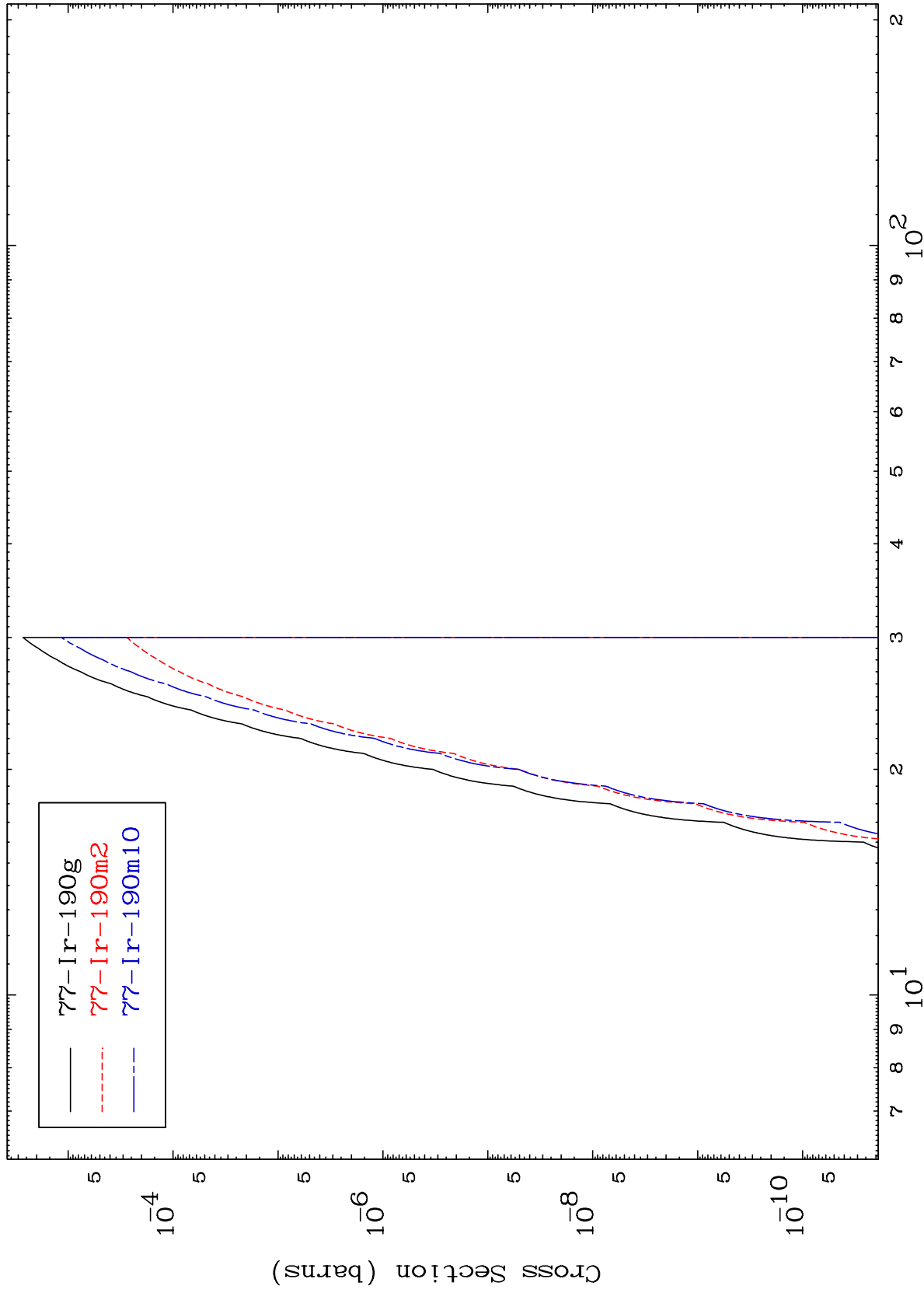
Incident Energy (MeV)

79-Au-195

MAT 7919

79-Au-195

(n,2n) α
Radionuclide Production Cross Section



140

Incident Energy (MeV)

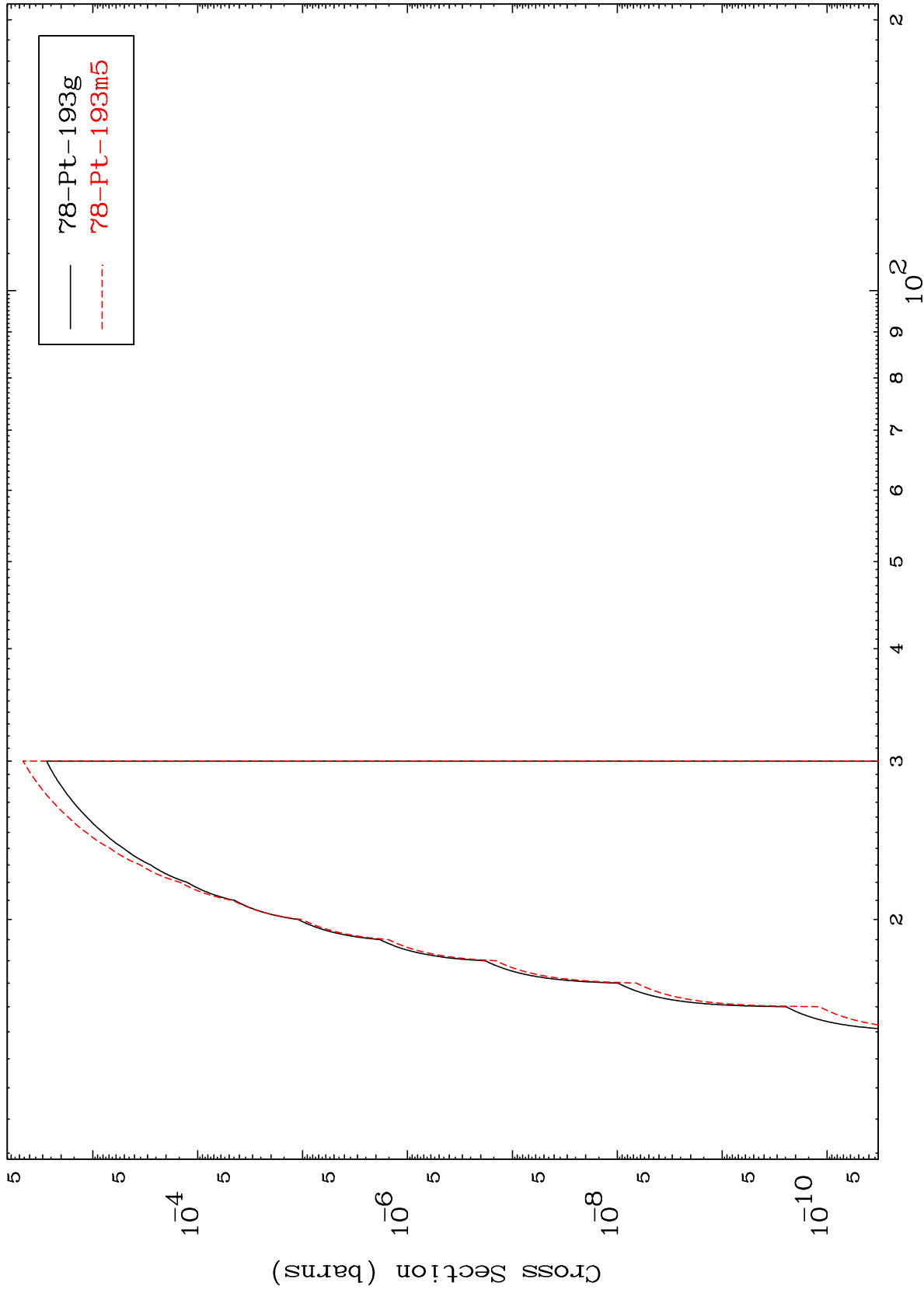
79-Au-195

MAT 7919

(n,n') d

79-Au-195

Radionuclide Production Cross Section

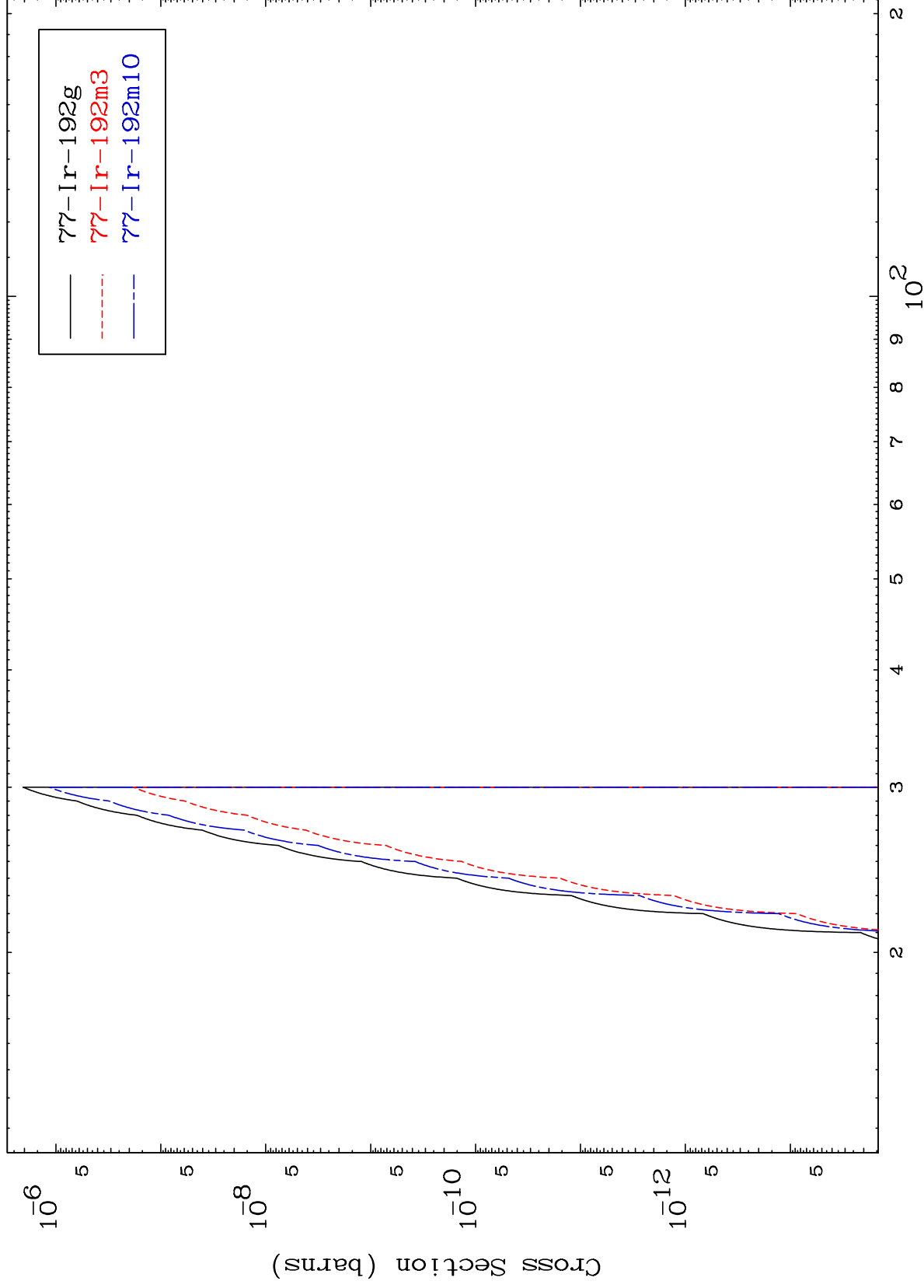


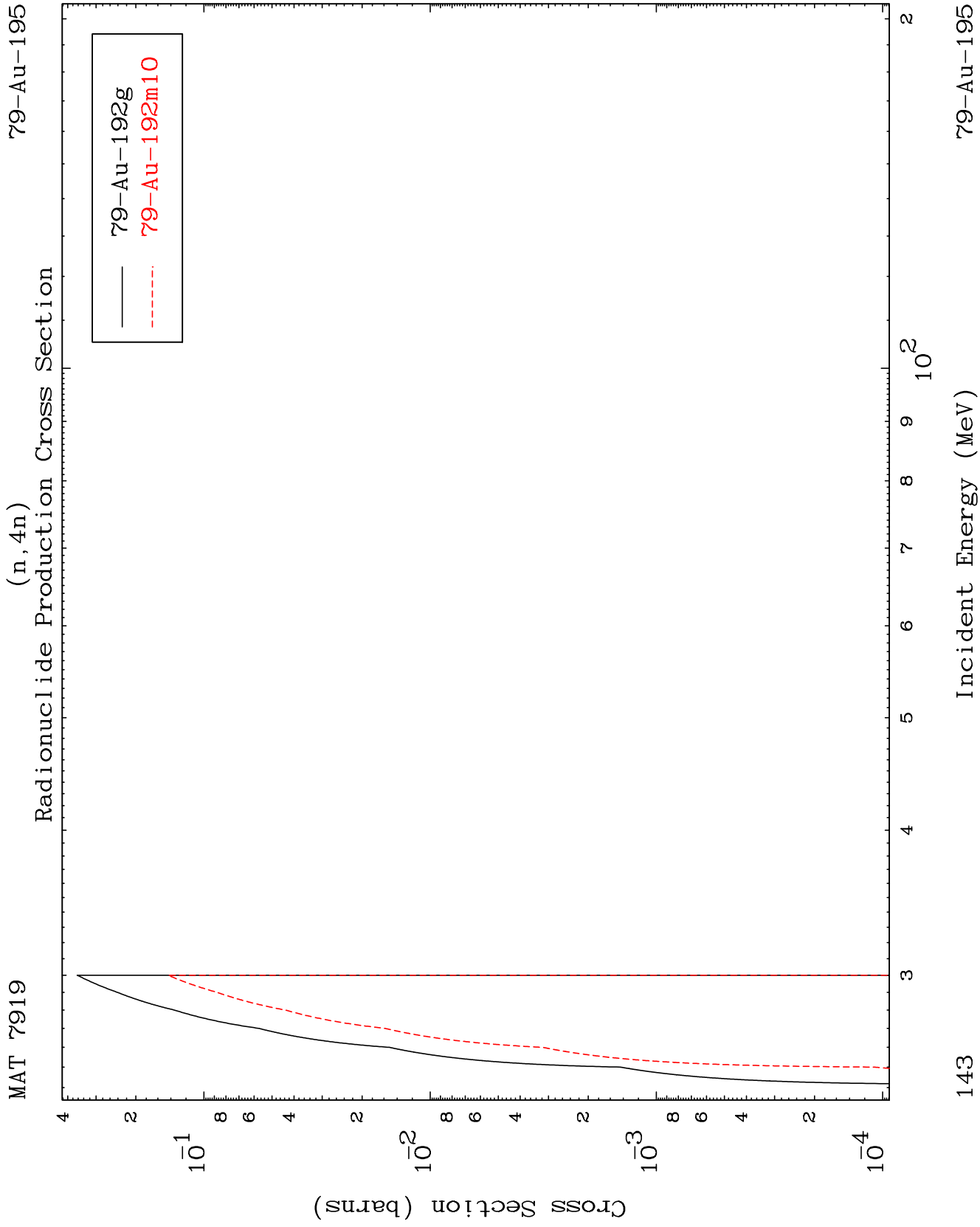
141

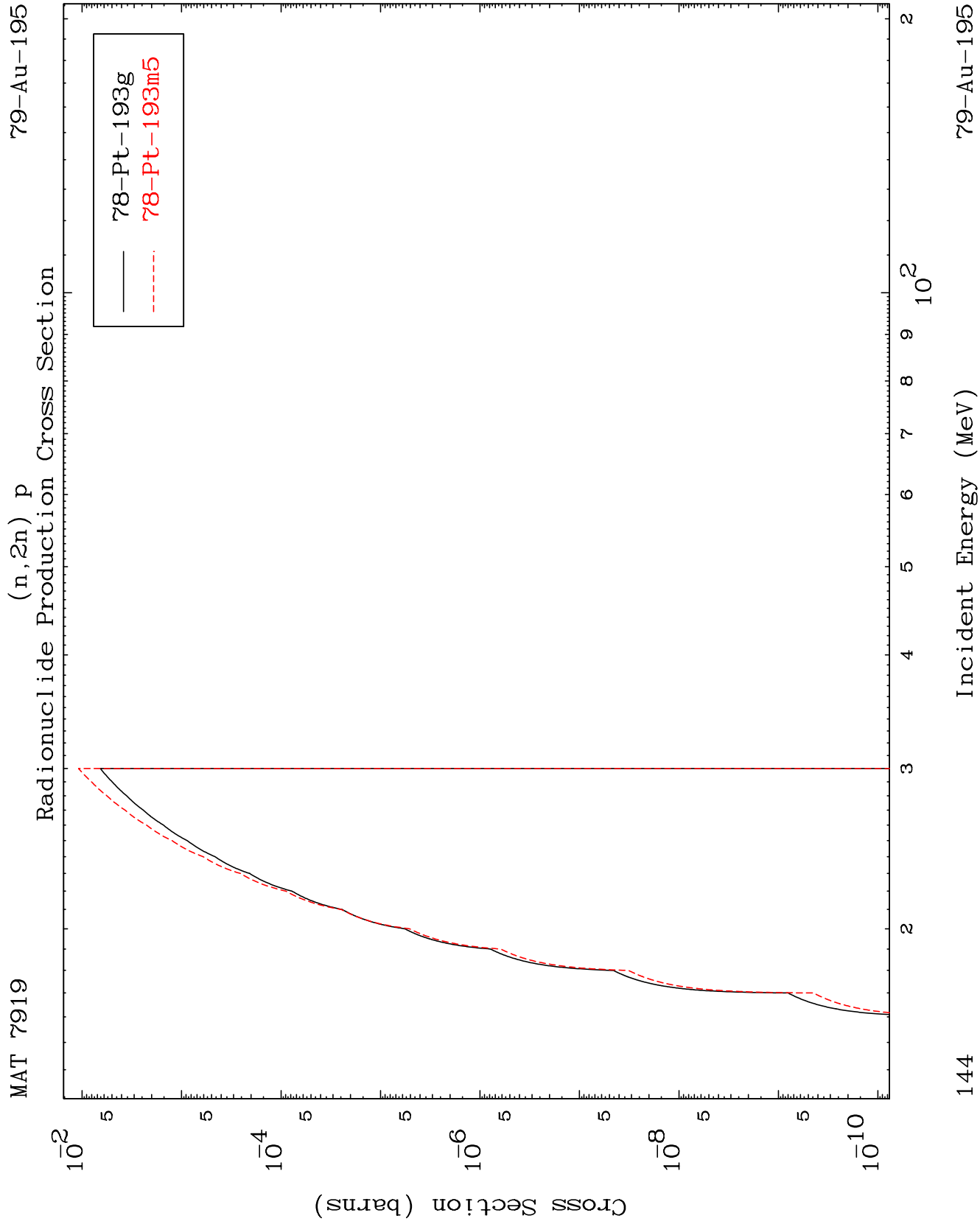
Incident Energy (MeV)

79-Au-195

Radionuclide Production Cross Section





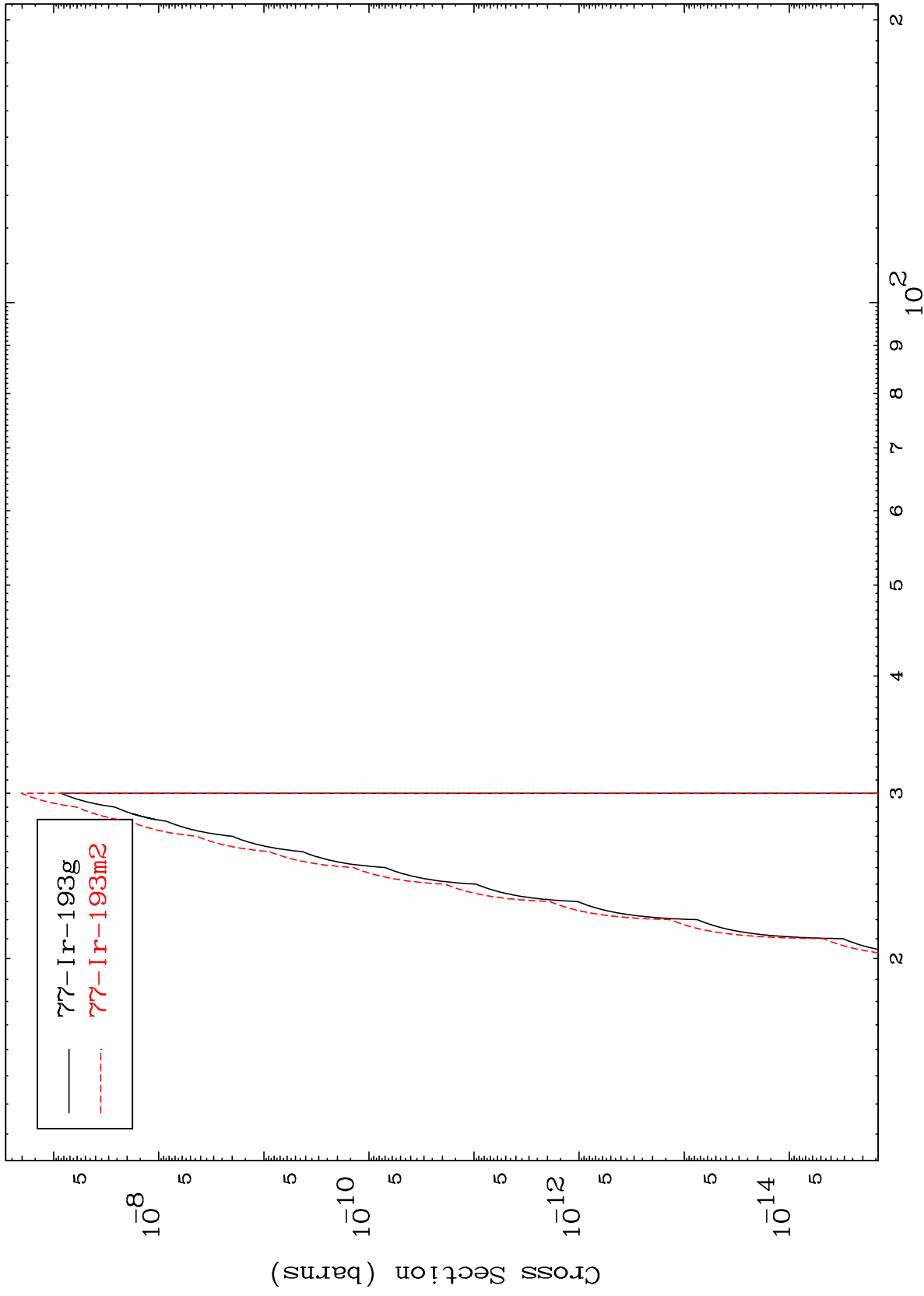


MAT 7919

(n,2n) p

79-Au-195

Radionuclide Production Cross Section



145

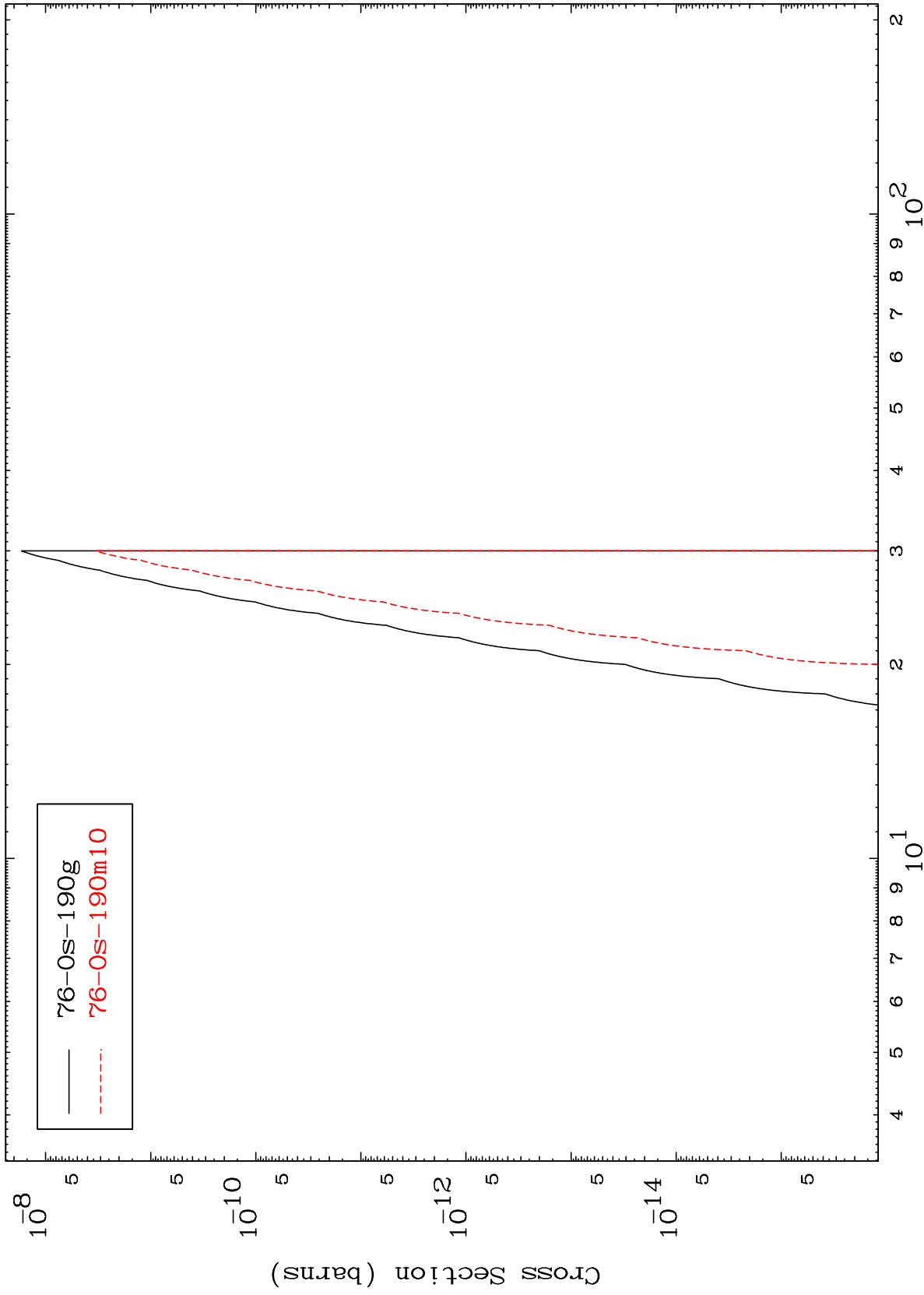
Incident Energy (MeV)

79-Au-195

MAT 7919

79-Au-195

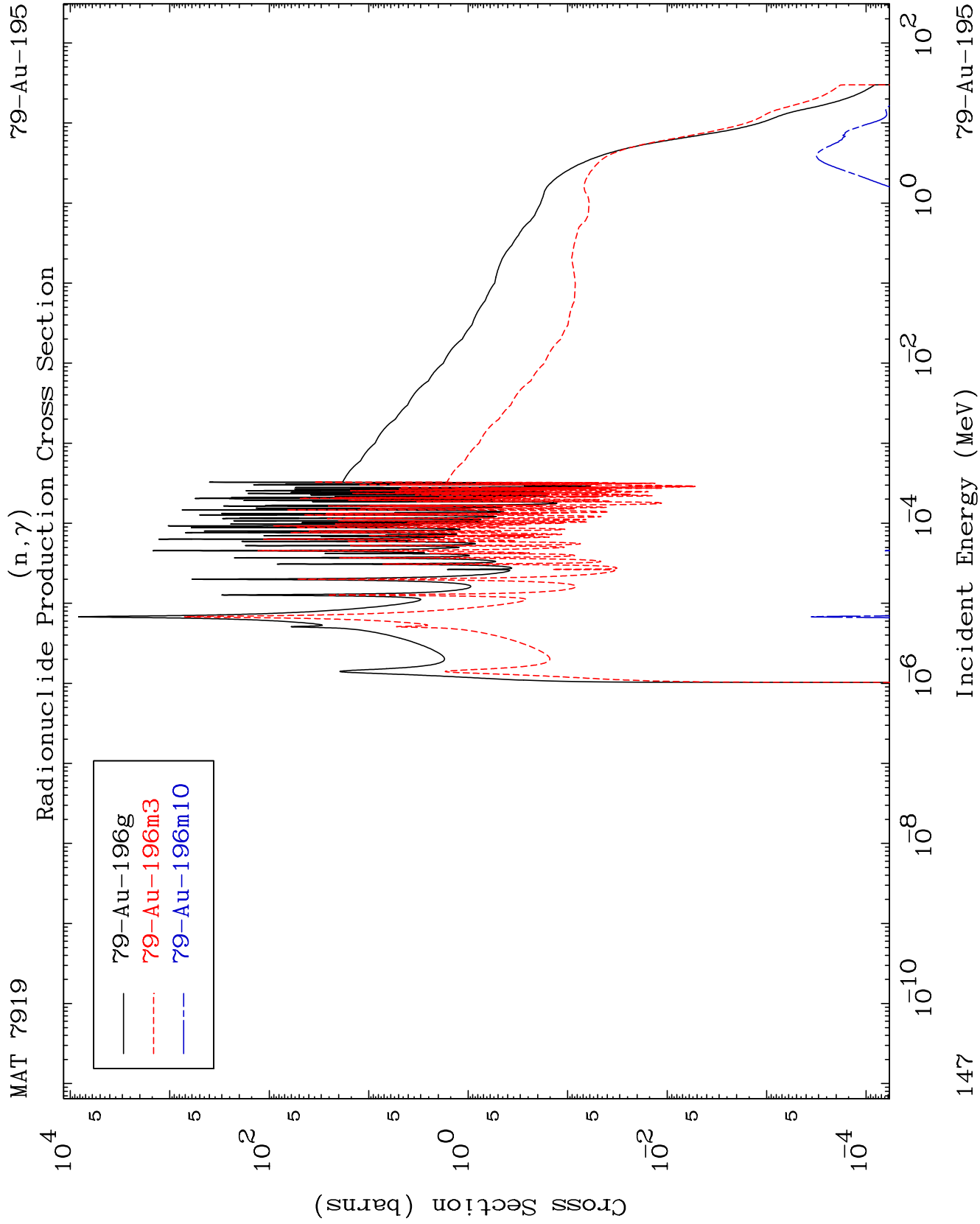
(n,n') p α
Radionuclide Production Cross Section



146

Incident Energy (MeV)

79-Au-195

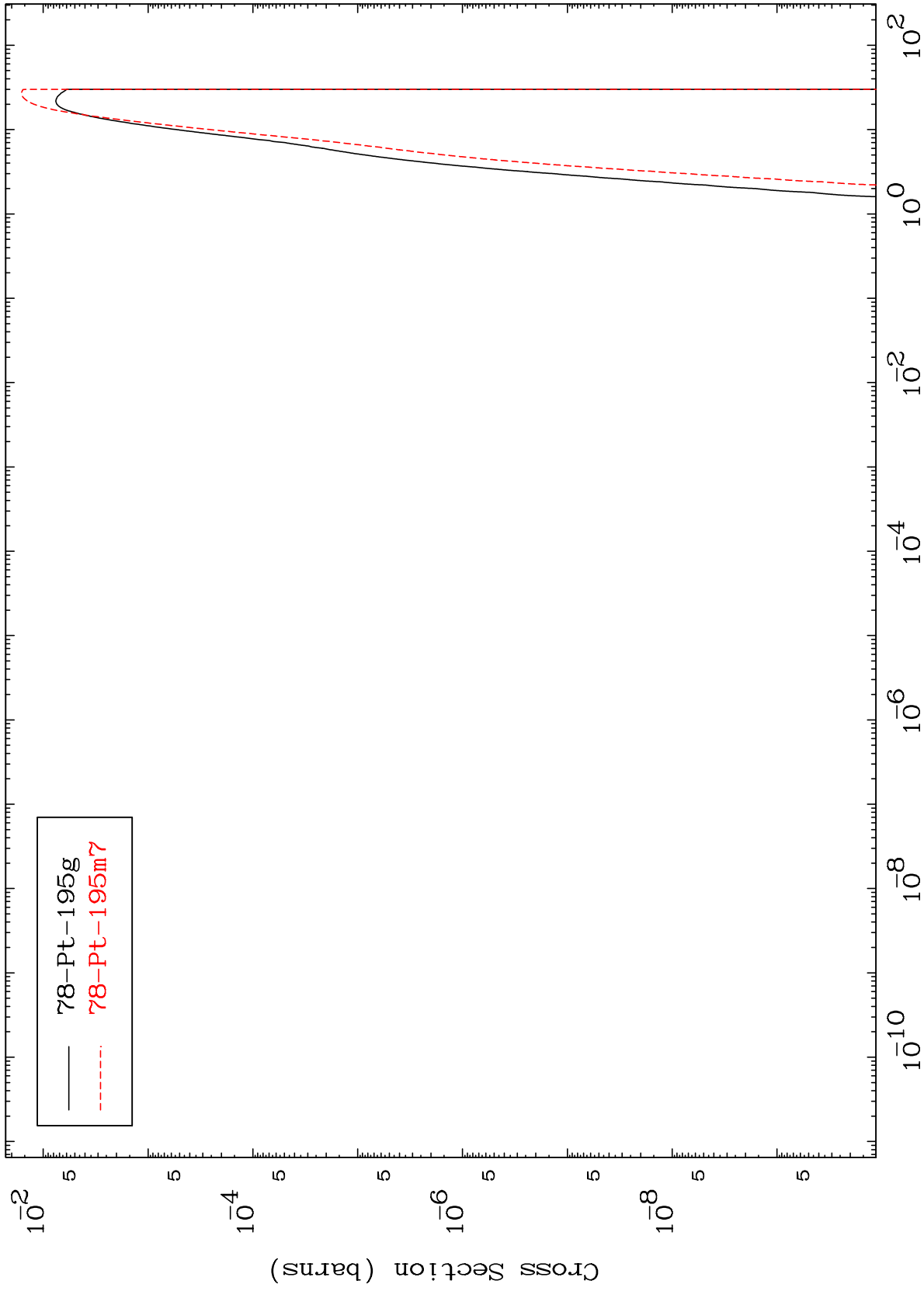


MAT 7919

(n,p)

⁷⁹Au-195

Radionuclide Production Cross Section



148

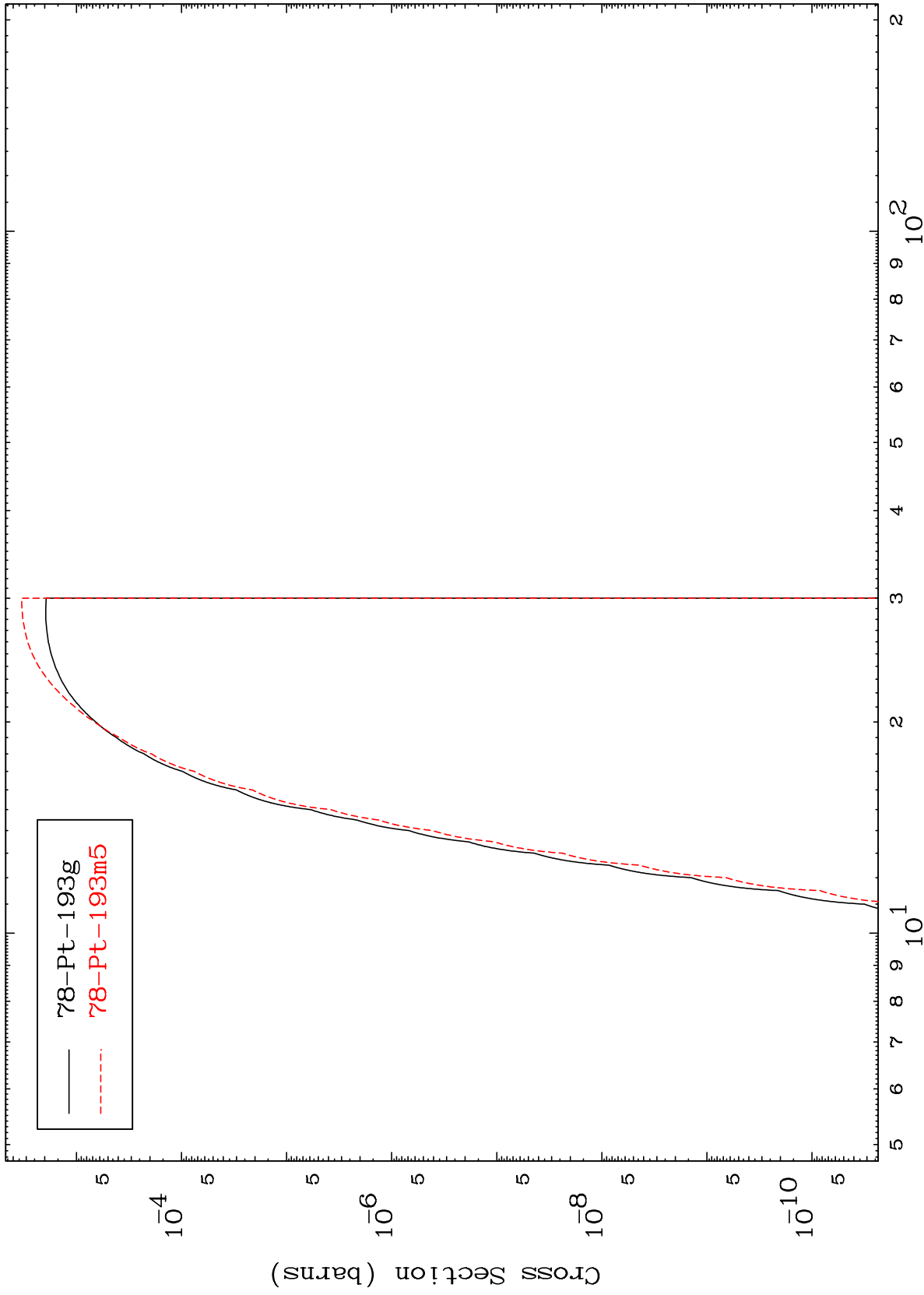
Incident Energy (MeV)

⁷⁹Au-195

MAT 7919

79-Au-195

Radionuclide Production Cross Section



149

Incident Energy (MeV)

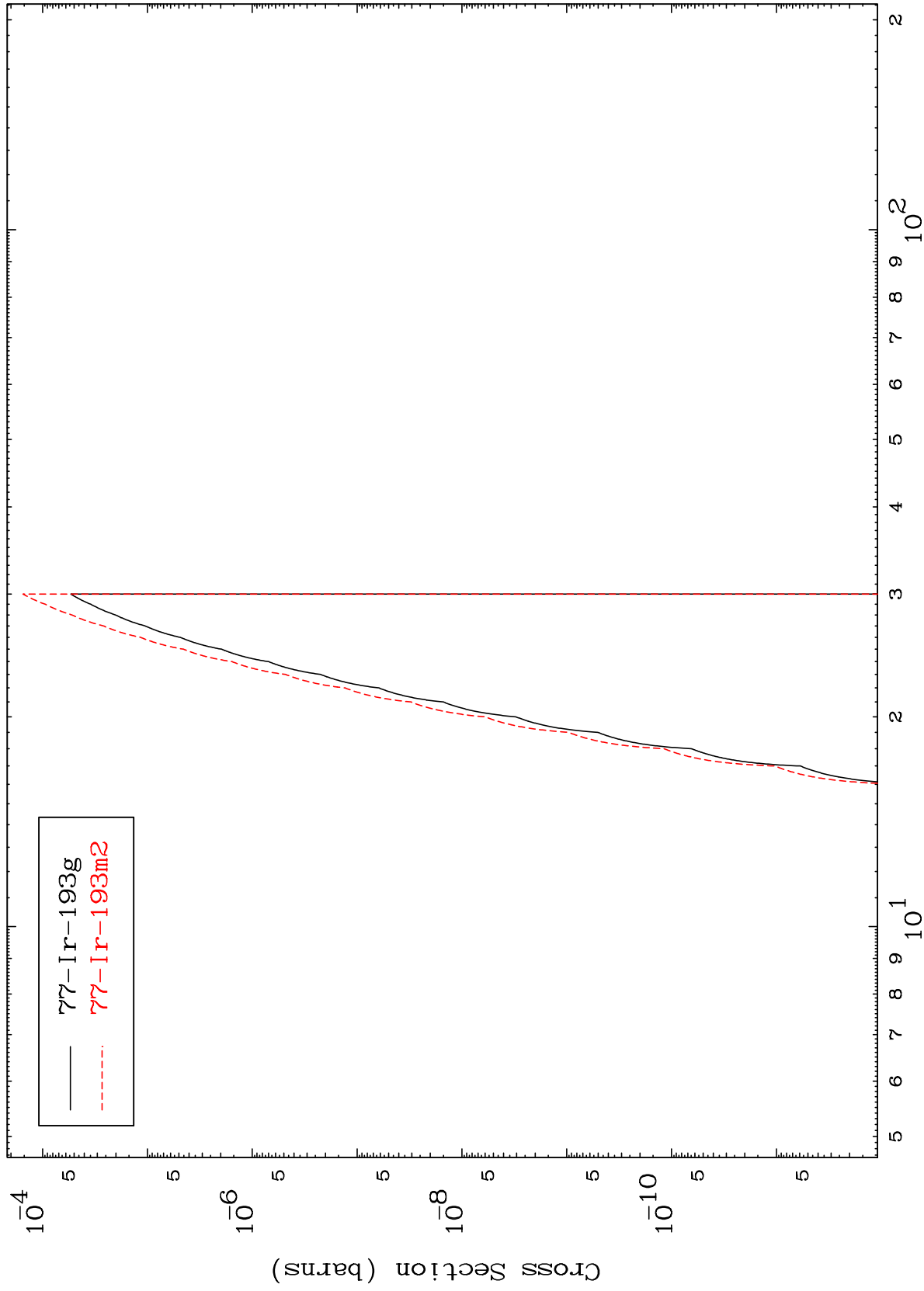
79-Au-195

MAT 7919

(n,He-3)

79-Au-195

Radionuclide Production Cross Section



150

Incident Energy (MeV)

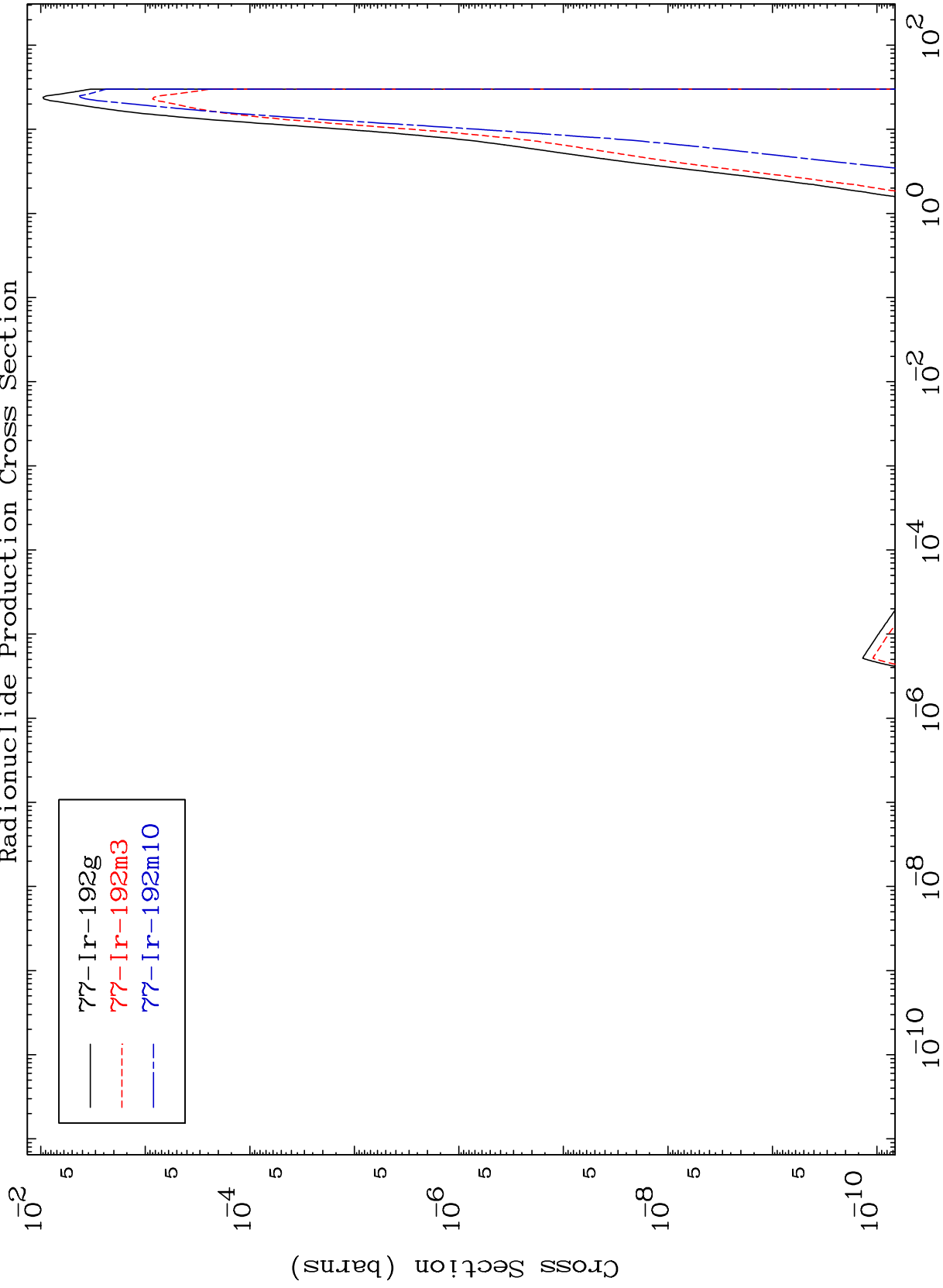
79-Au-195

MAT 7919

(n,α)

79-Au-195

Radionuclide Production Cross Section



151

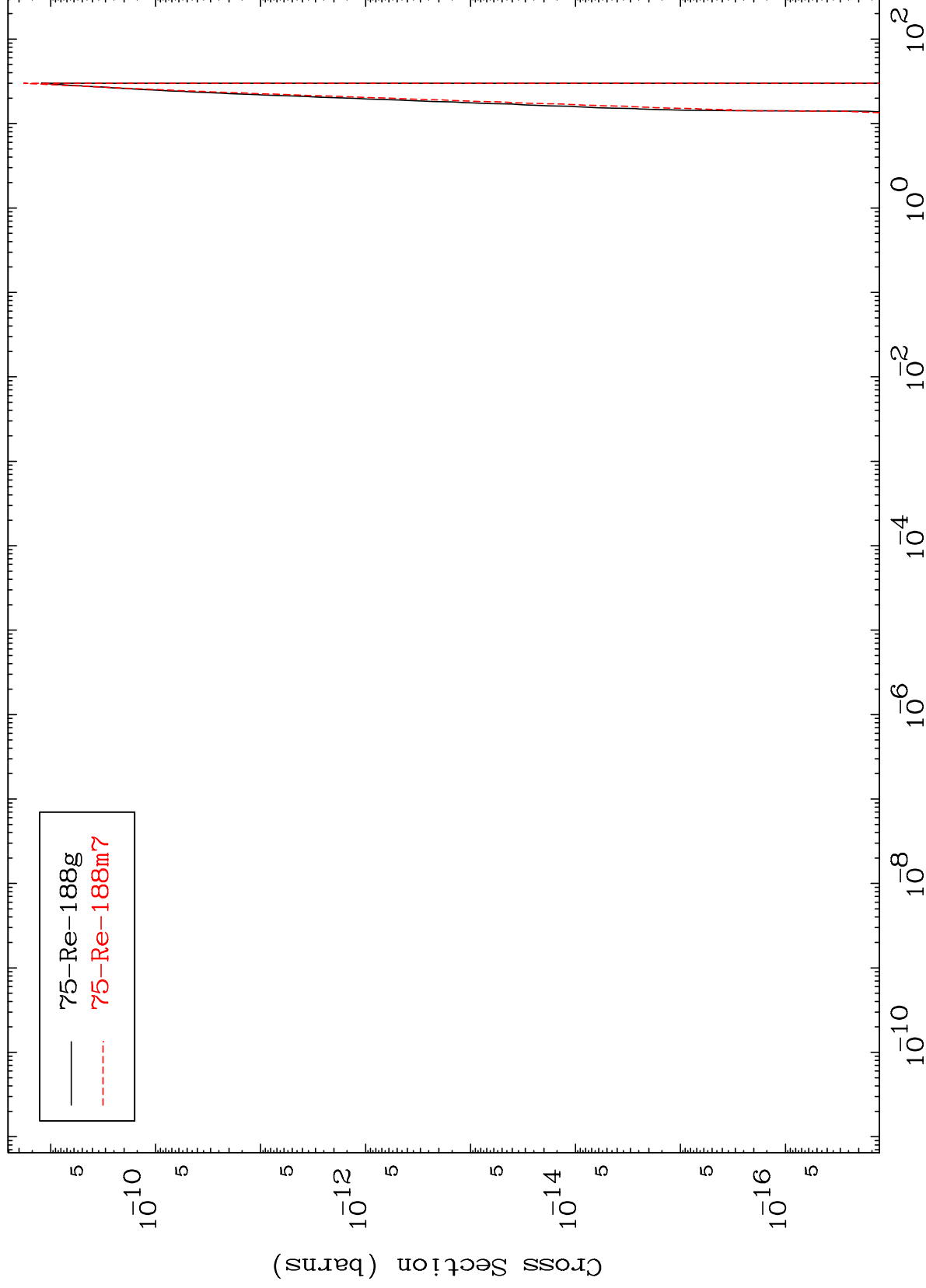
Incident Energy (MeV)

79-Au-195

MAT 7919

Radionuclide Production Cross Section
(n,2α)

⁷⁹Au-195



152

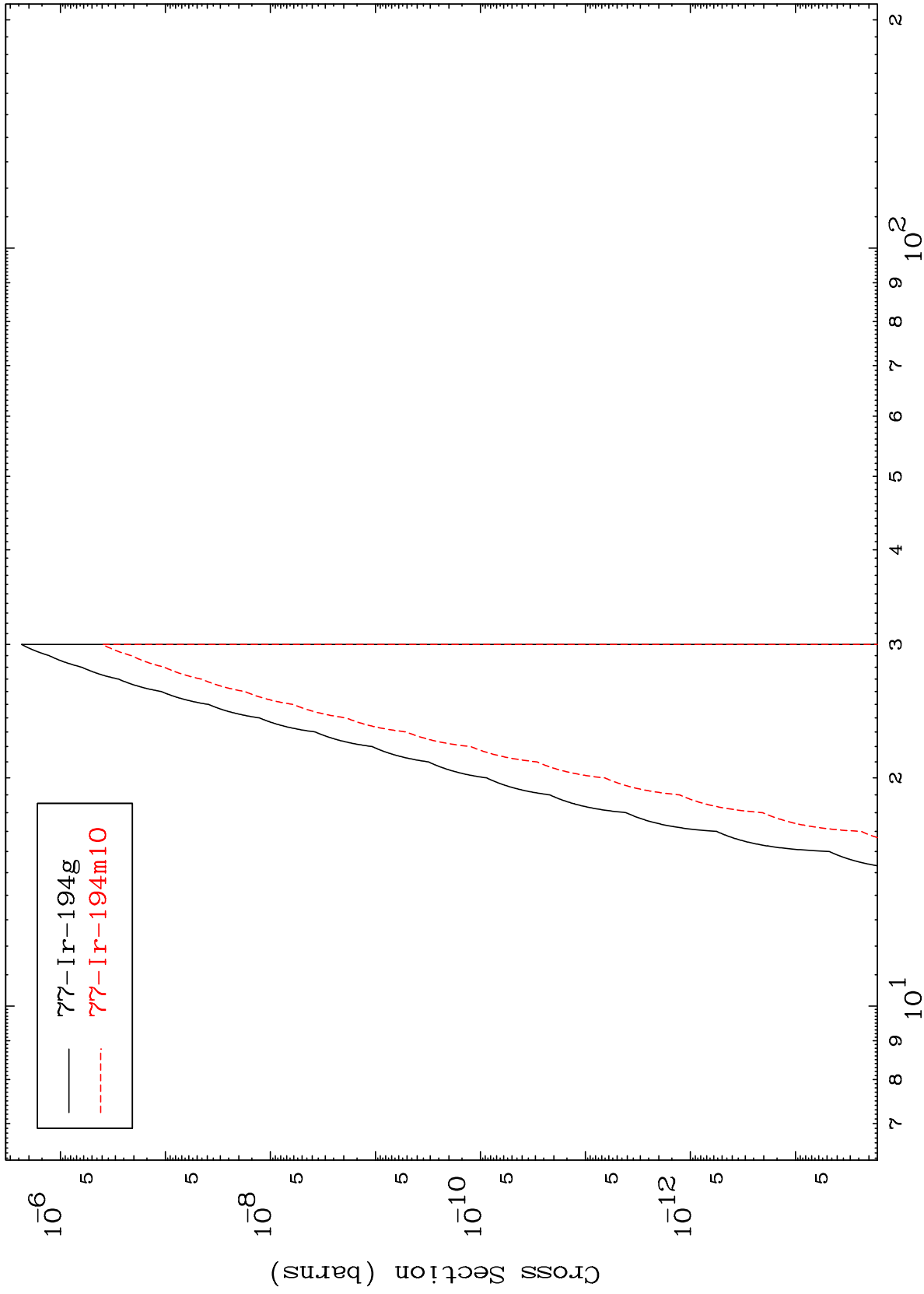
Incident Energy (MeV)

⁷⁹Au-195

MAT 7919

79-Au-195

(n,2p)
Radionuclide Production Cross Section



153

Incident Energy (MeV)

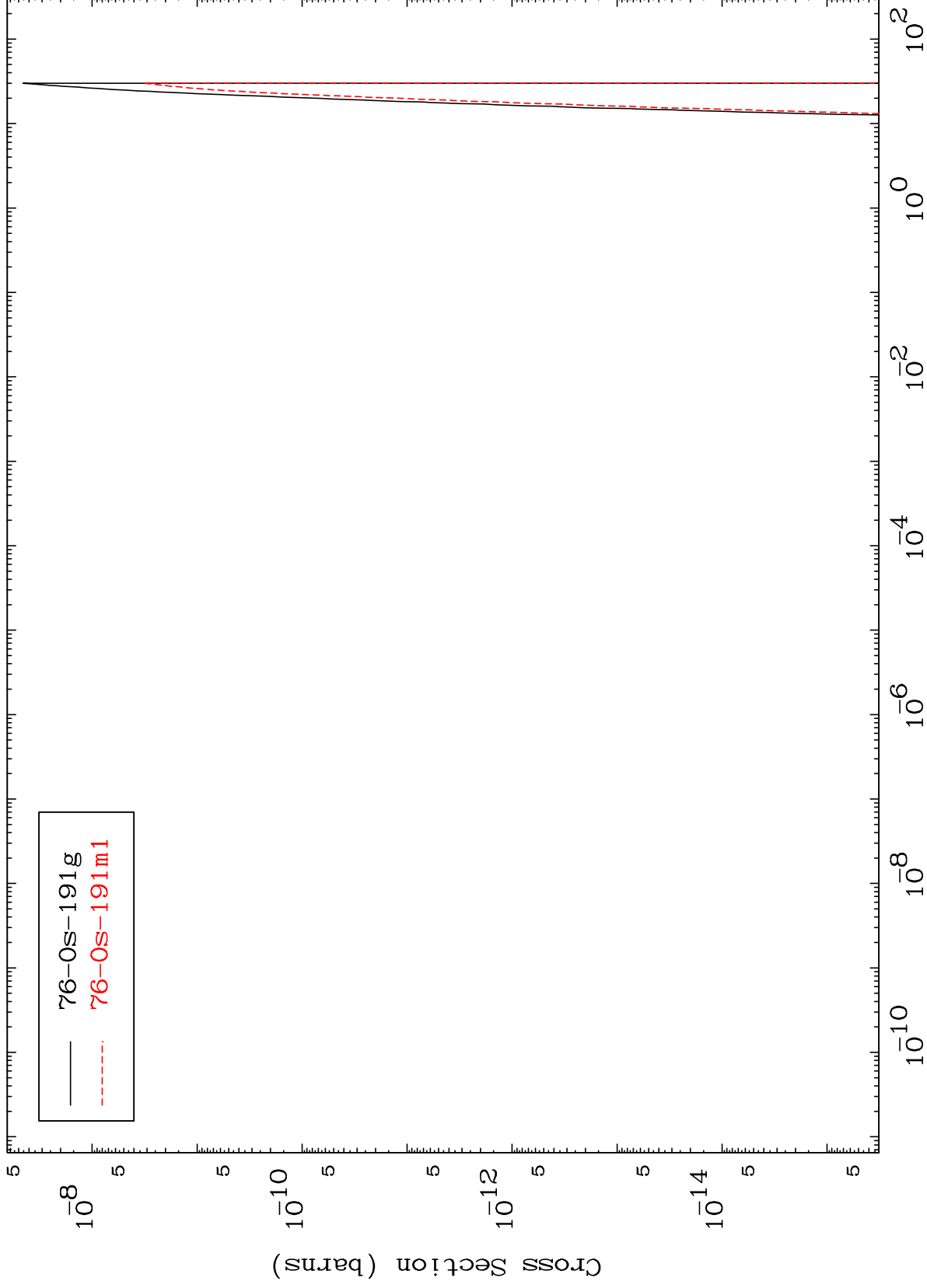
79-Au-195

MAT 7919

(n,p) α

⁷⁹Au-195

Radionuclide Production Cross Section

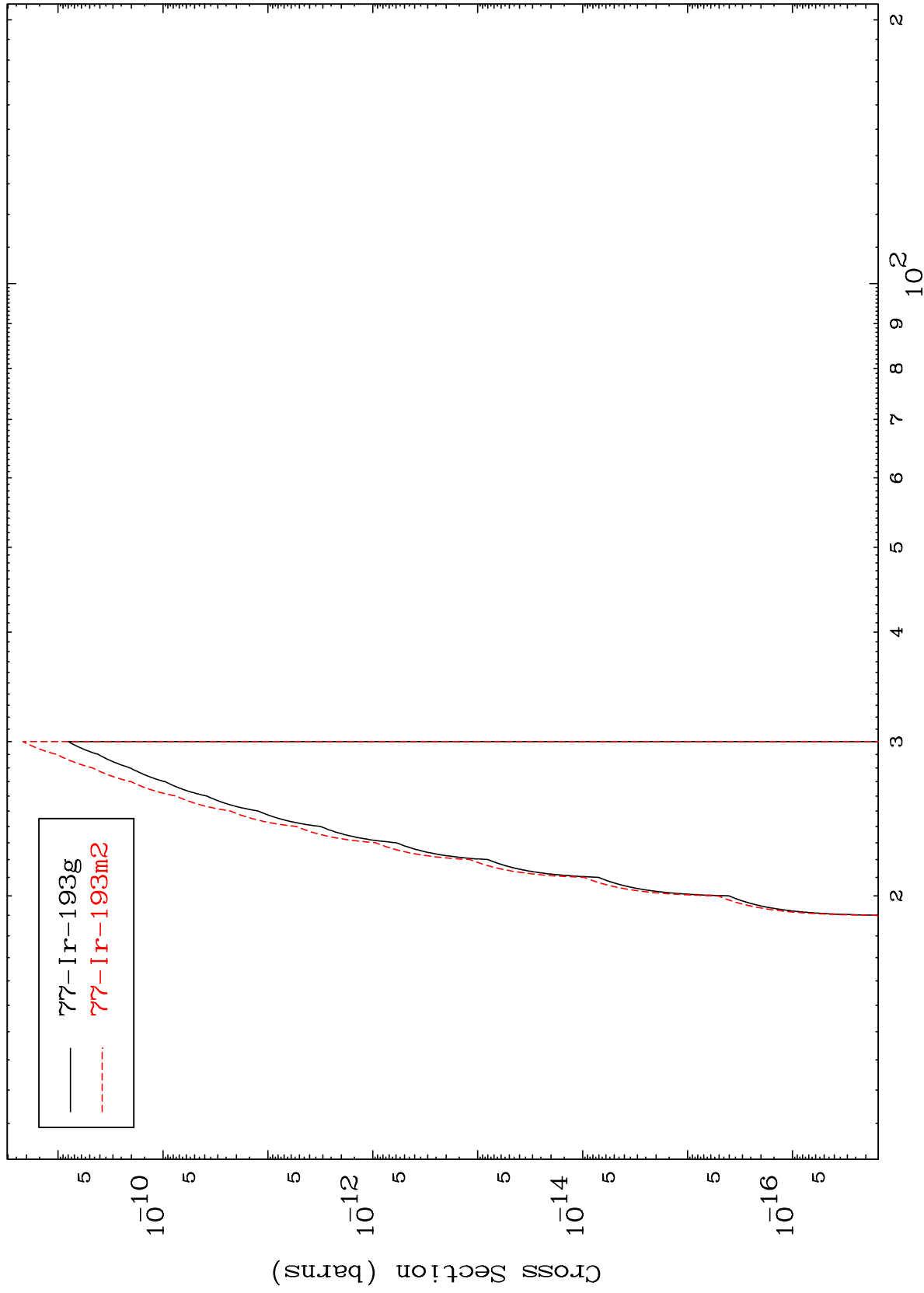


154

Incident Energy (MeV)

⁷⁹Au-195

Radionuclide Production Cross Section



Radionuclide Production Cross Section

