

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

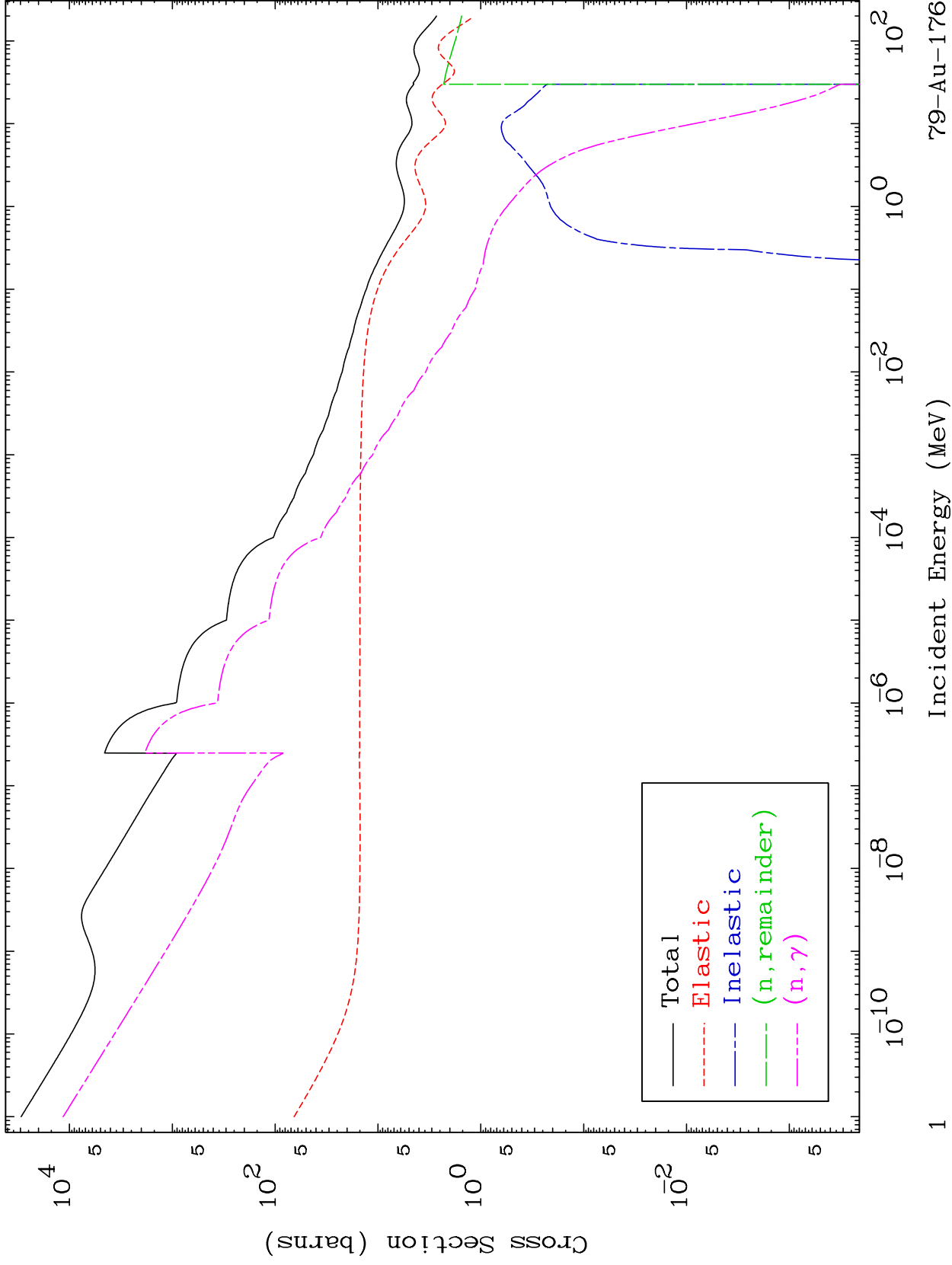
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7862

Major
293 Kelvin Cross Sections

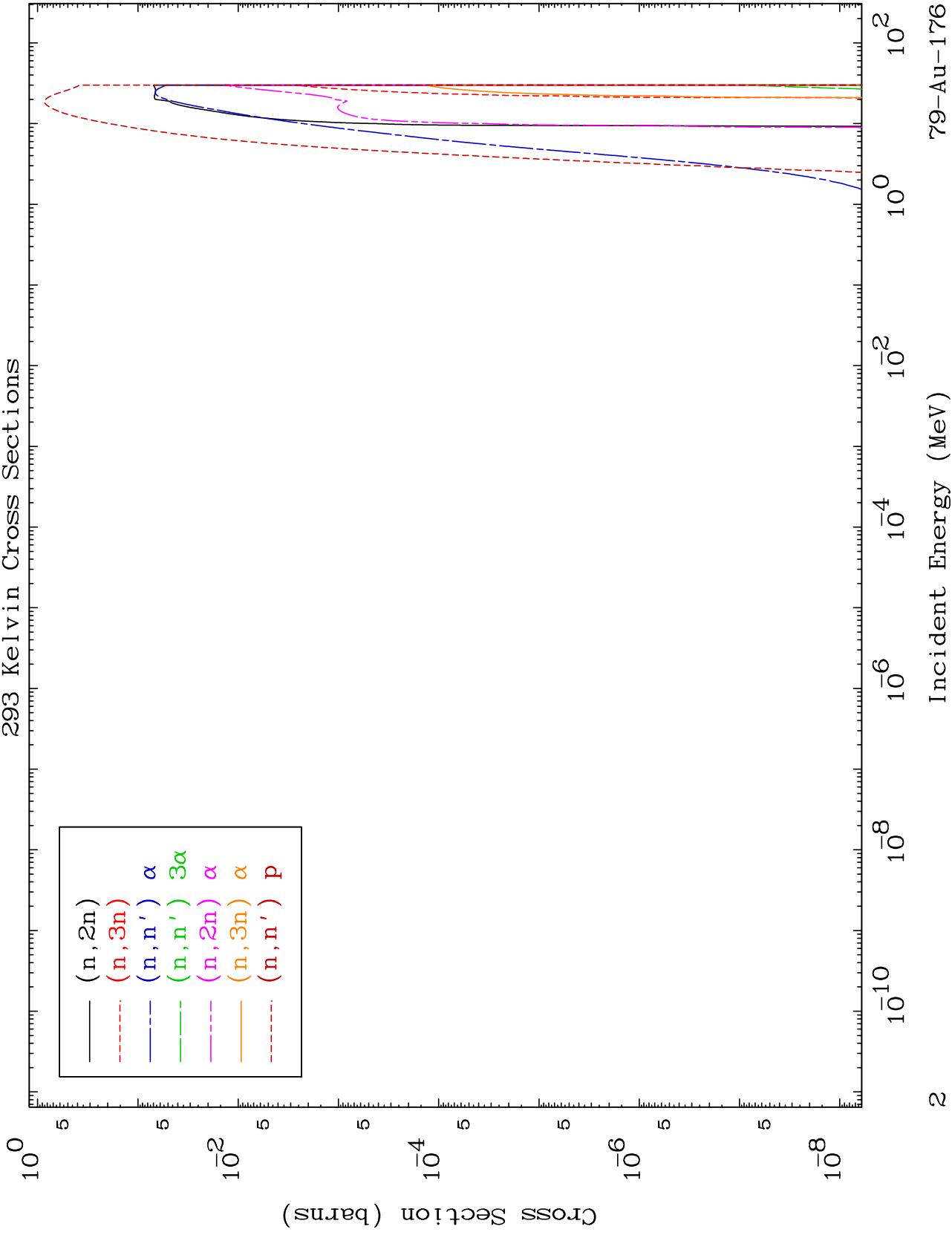
79-Au-176



MAT 7862

Neutron Production
293 Kelvin Cross Sections

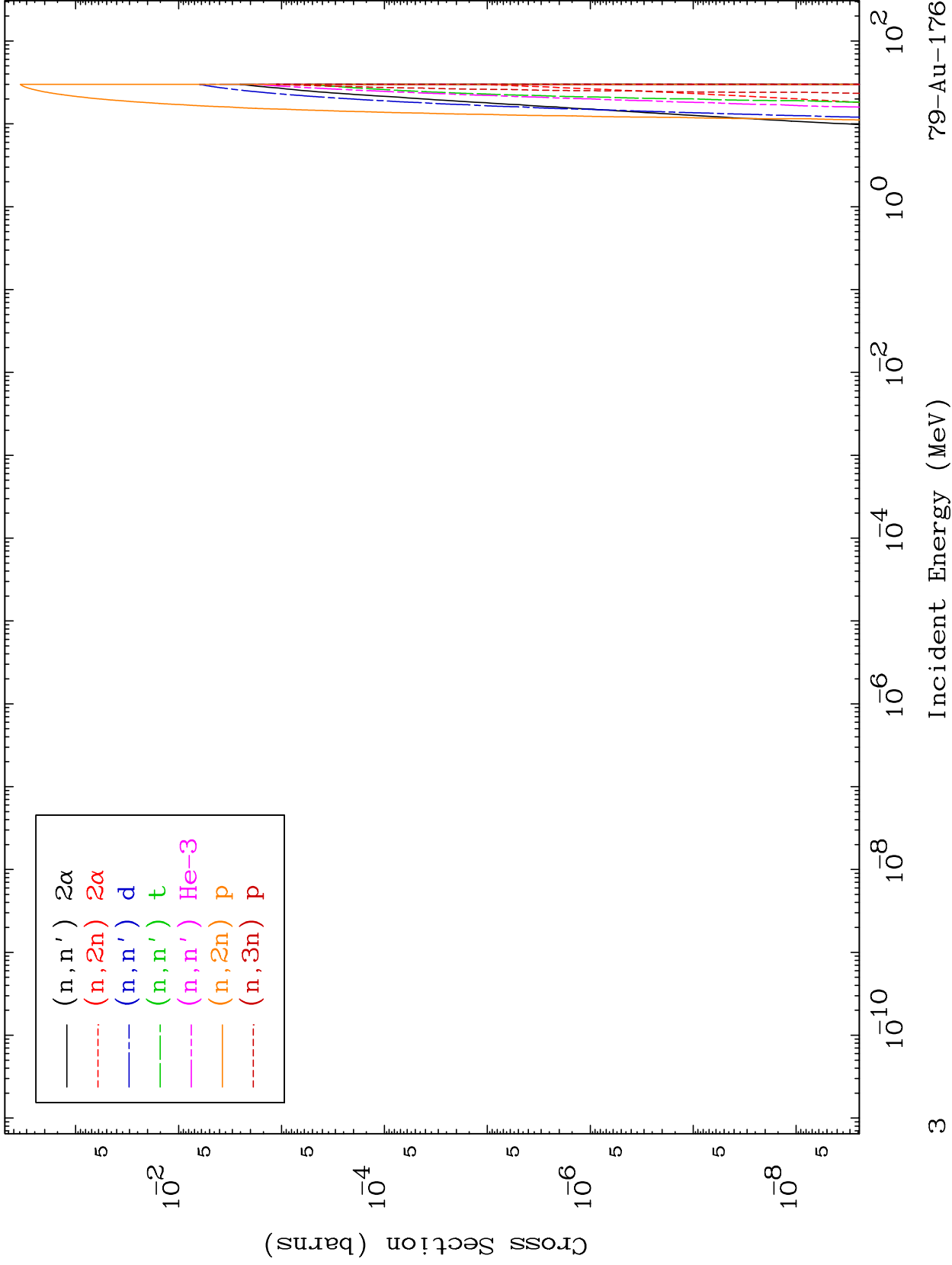
79-Au-176



MAT 7862

Neutron Production
293 Kelvin Cross Sections

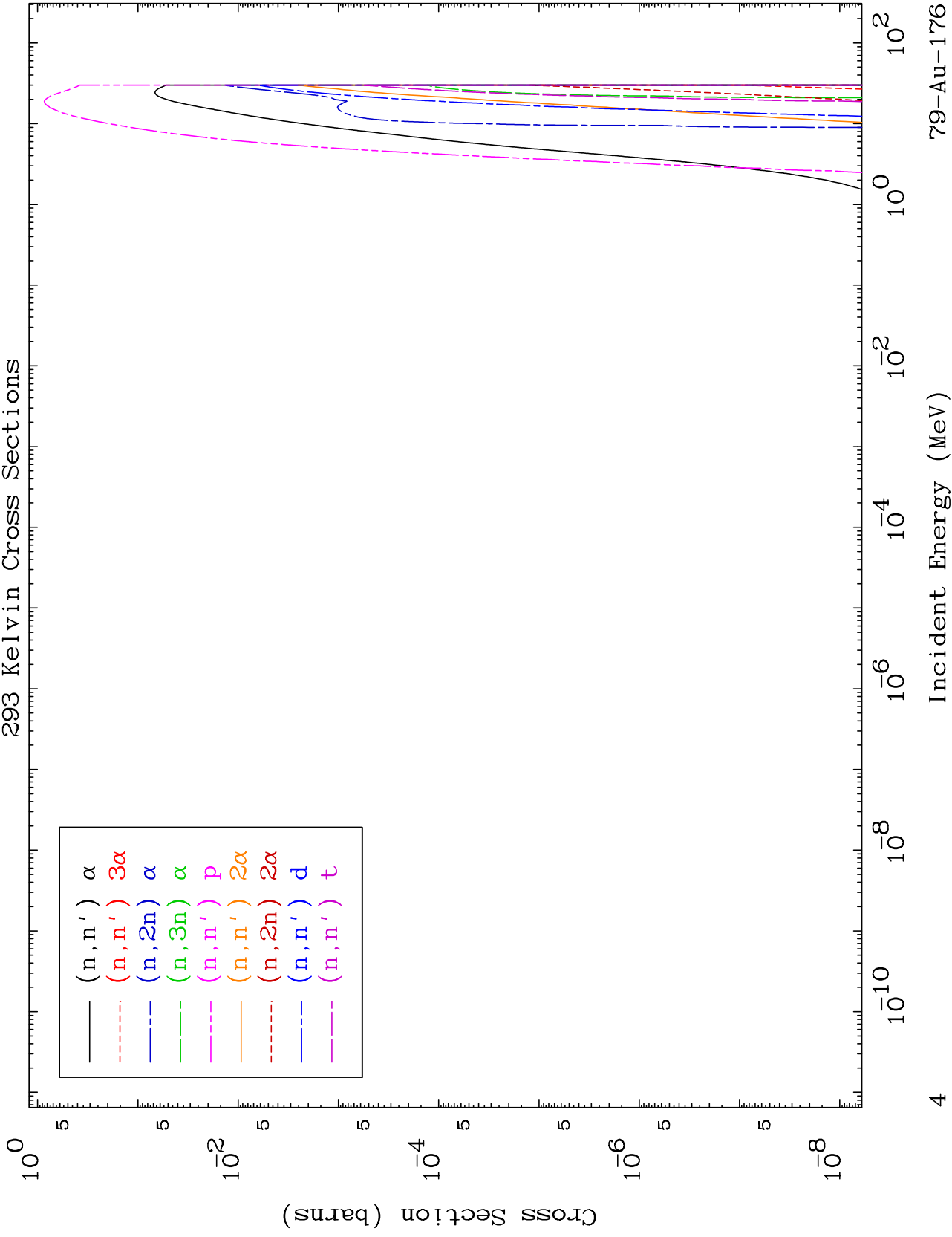
79-Au-176

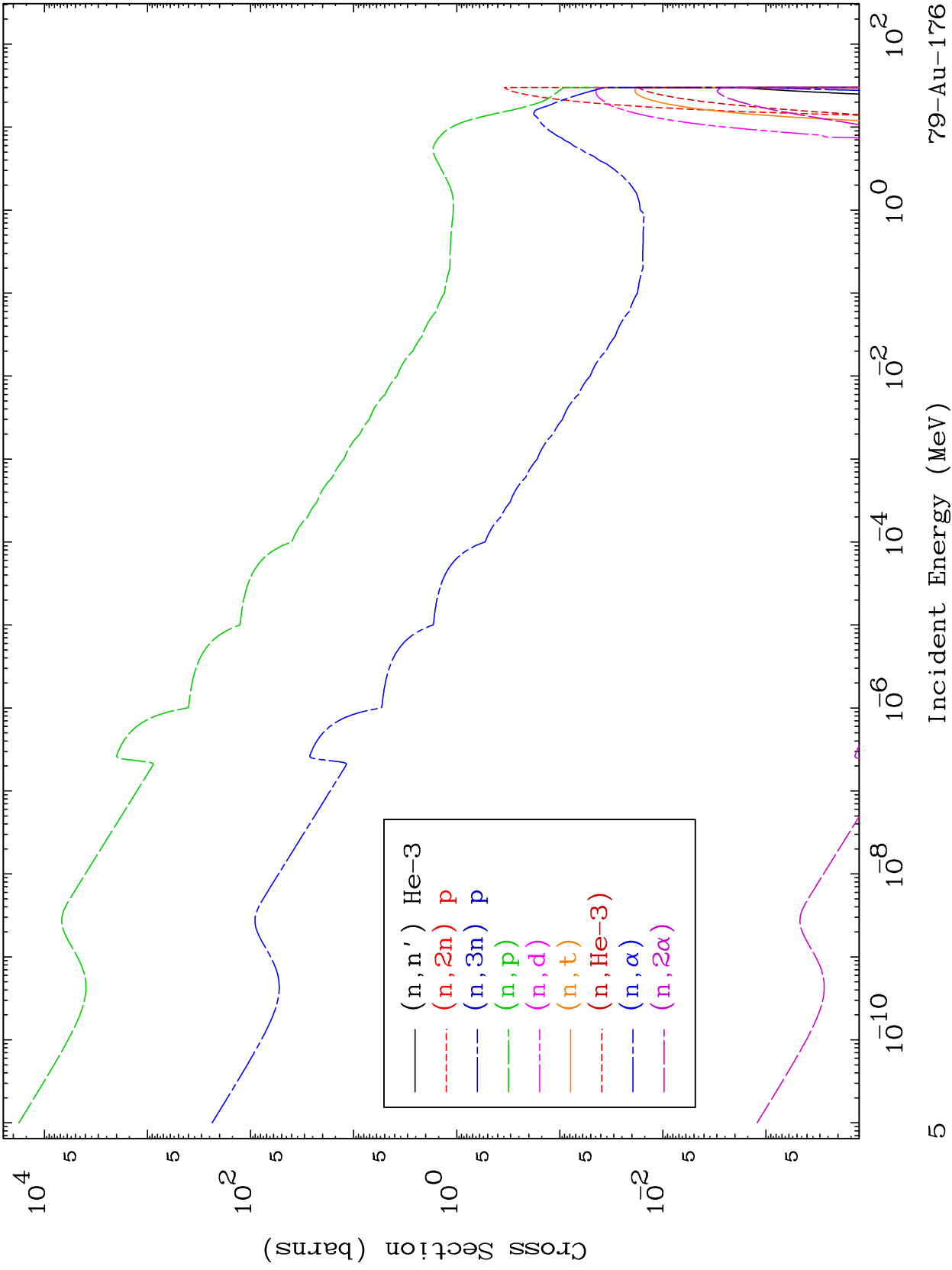


MAT 7862

Charged Particle
293 Kelvin Cross Sections

79-Au-176

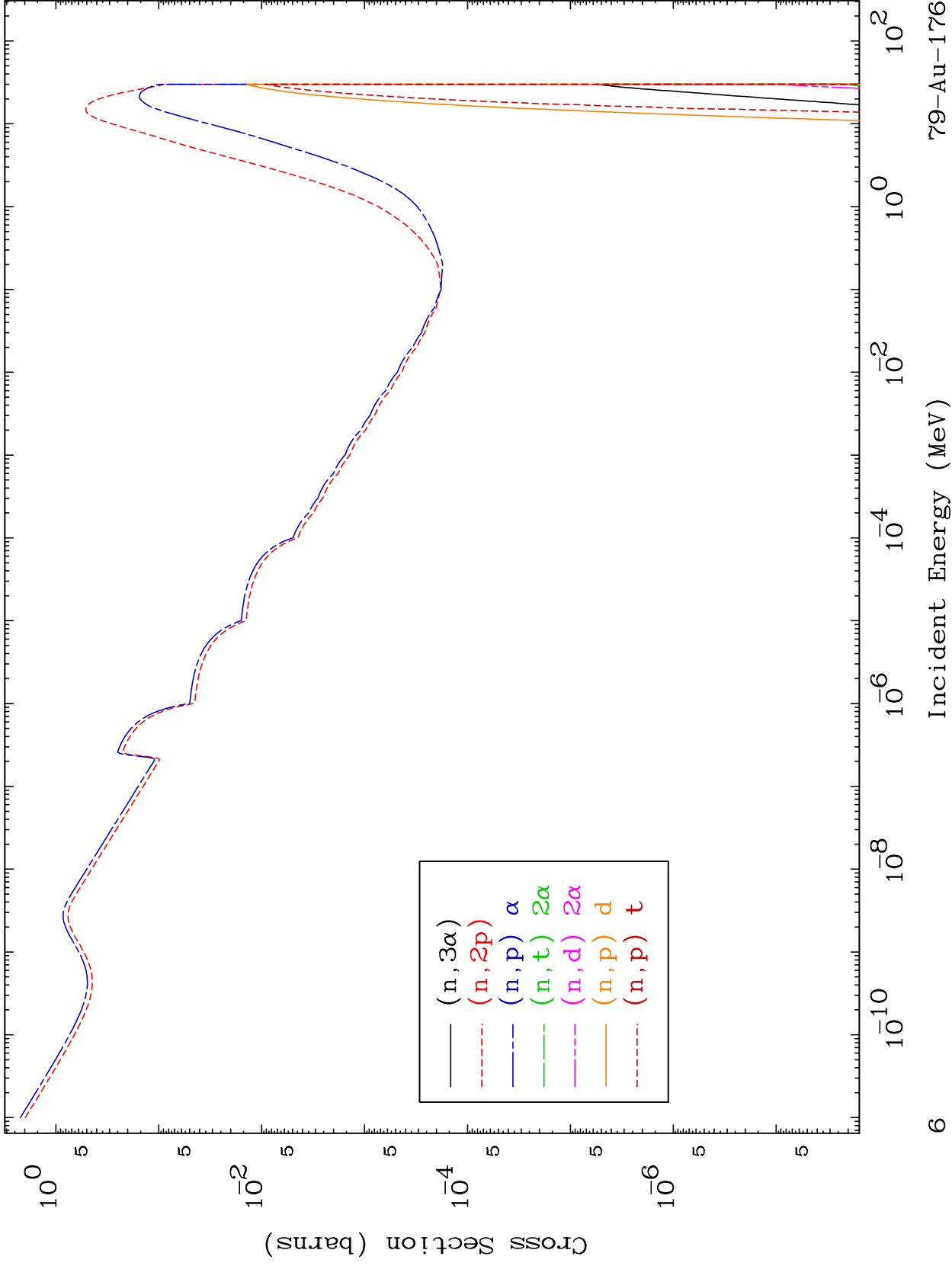




MAT 7862

Charged Particle
293 Kelvin Cross Sections

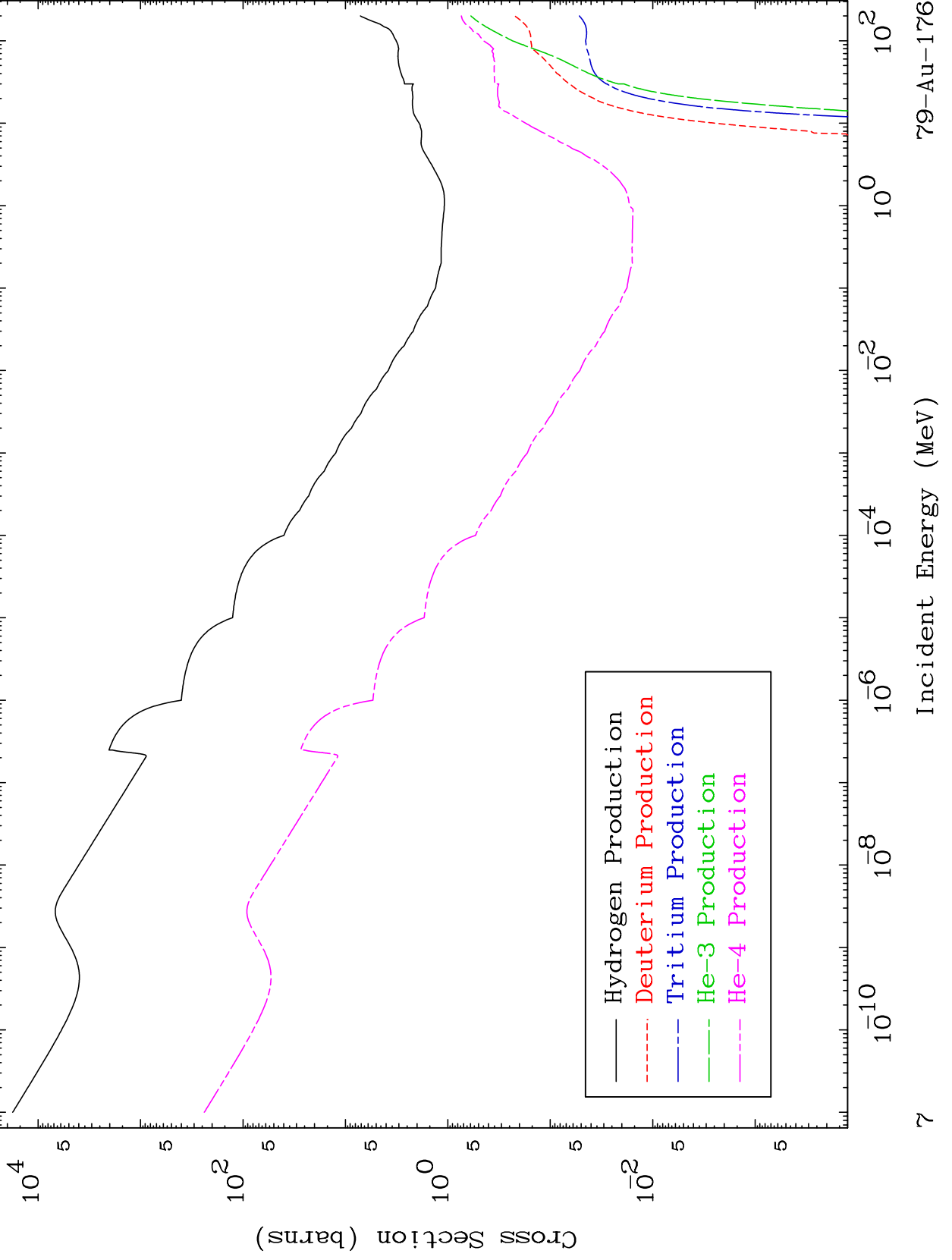
79-Au-176



MAT 7862

Particle Production
293 Kelvin Cross Sections

79-Au-176

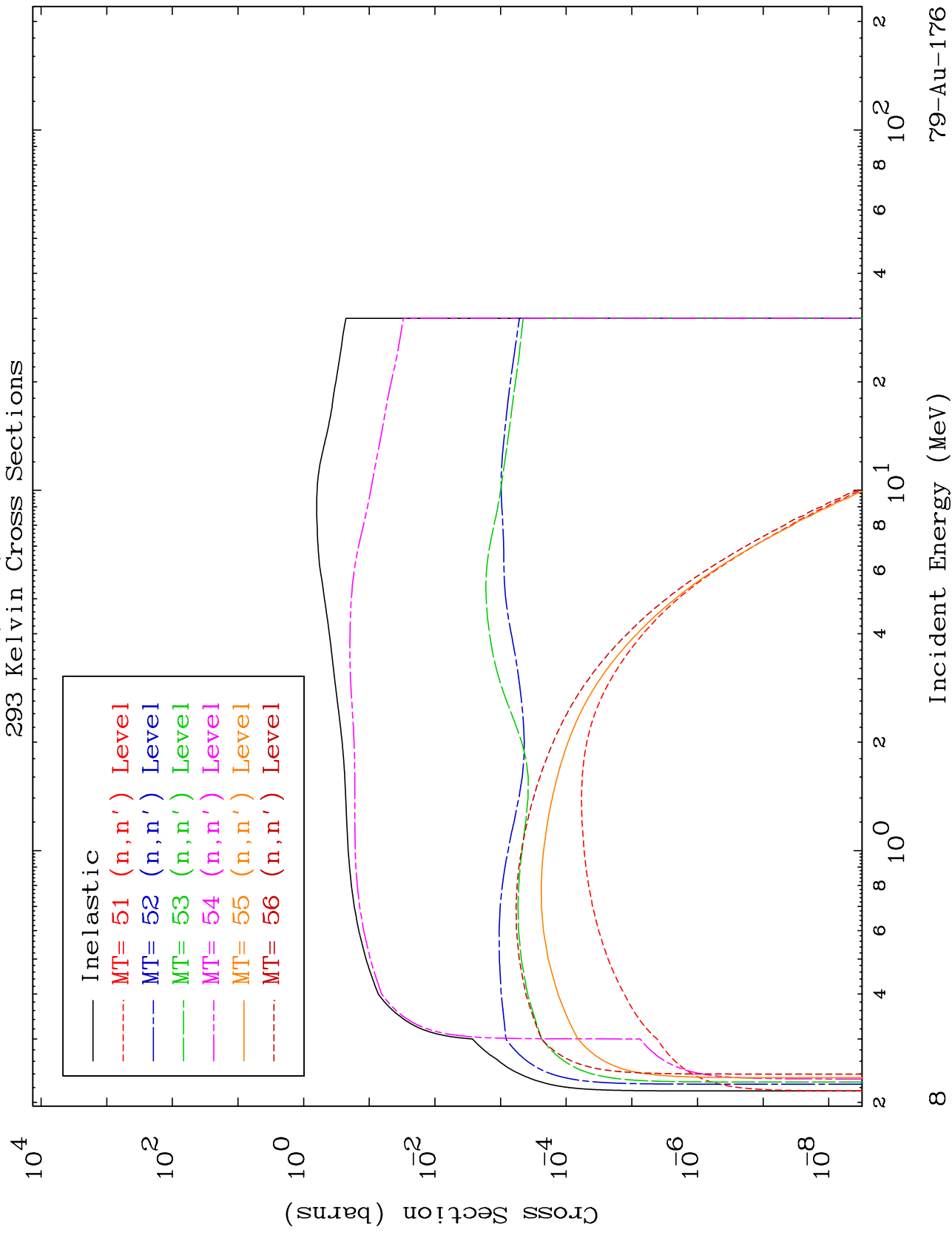


MAT 7862

(n,n') Level

79-Au-176

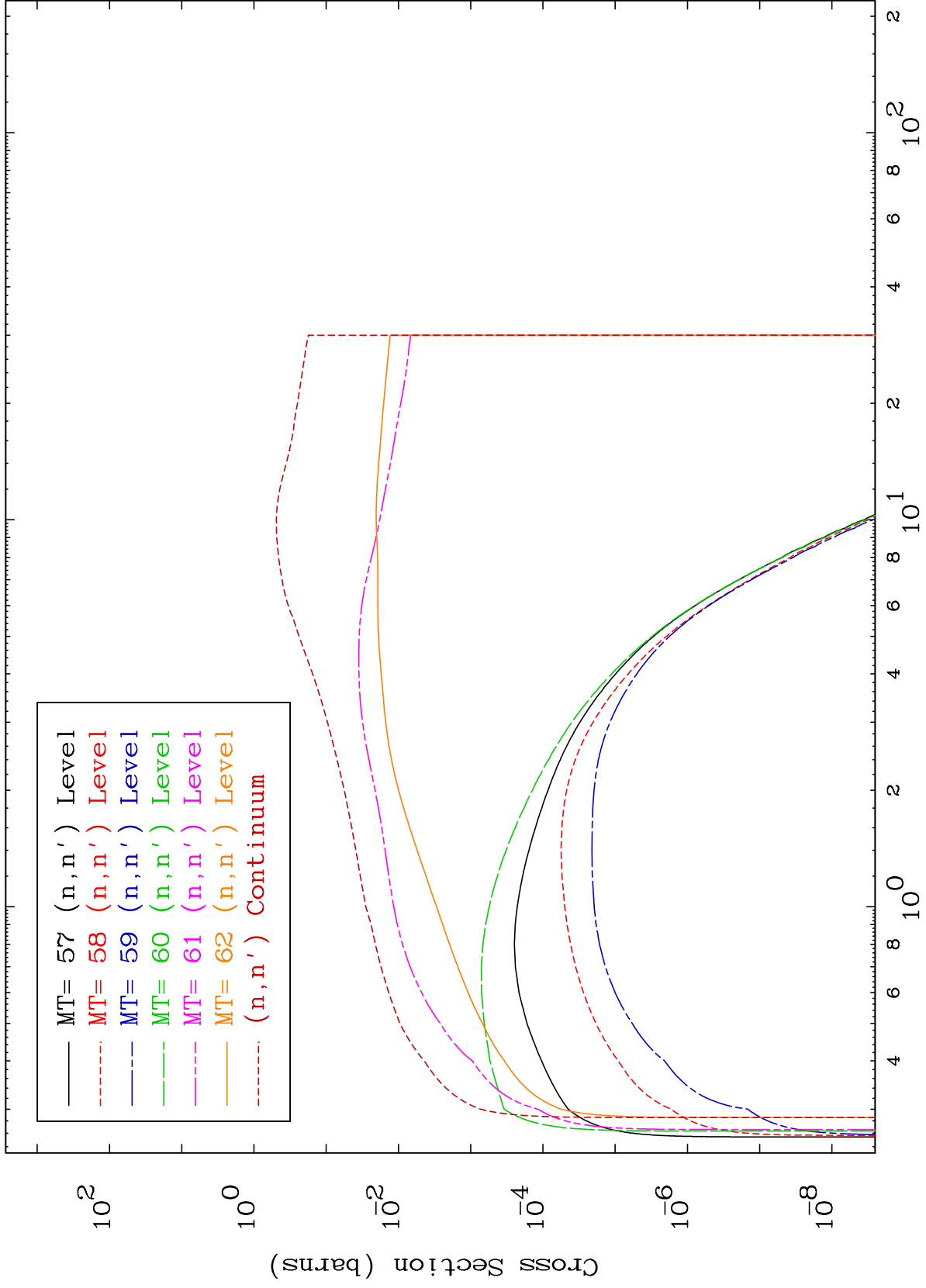
293 Kelvin Cross Sections



8

Incident Energy (MeV)

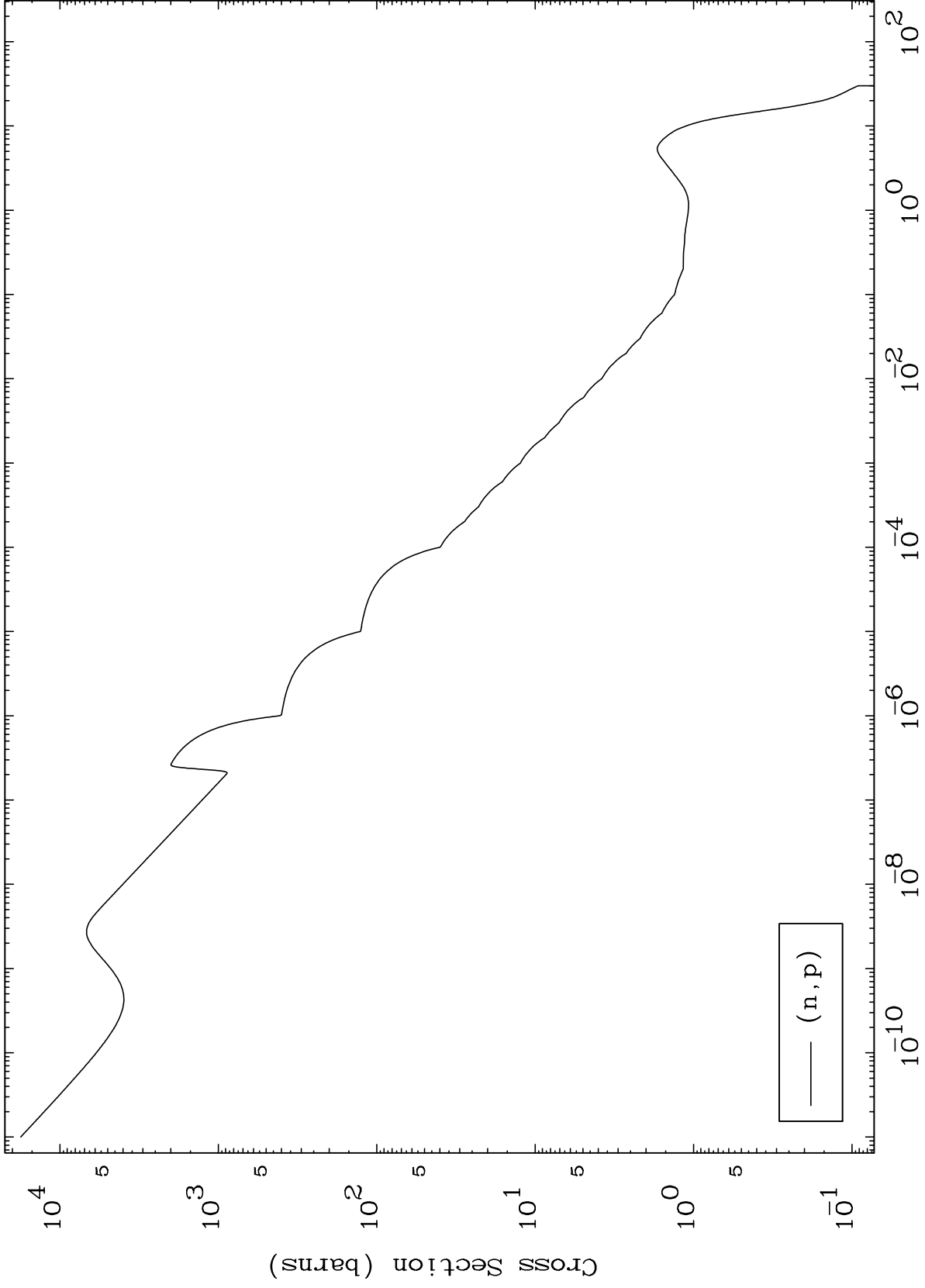
79-Au-176



MAT 7862

(n,p) Levels
293 Kelvin Cross Sections

79-Au-176



10

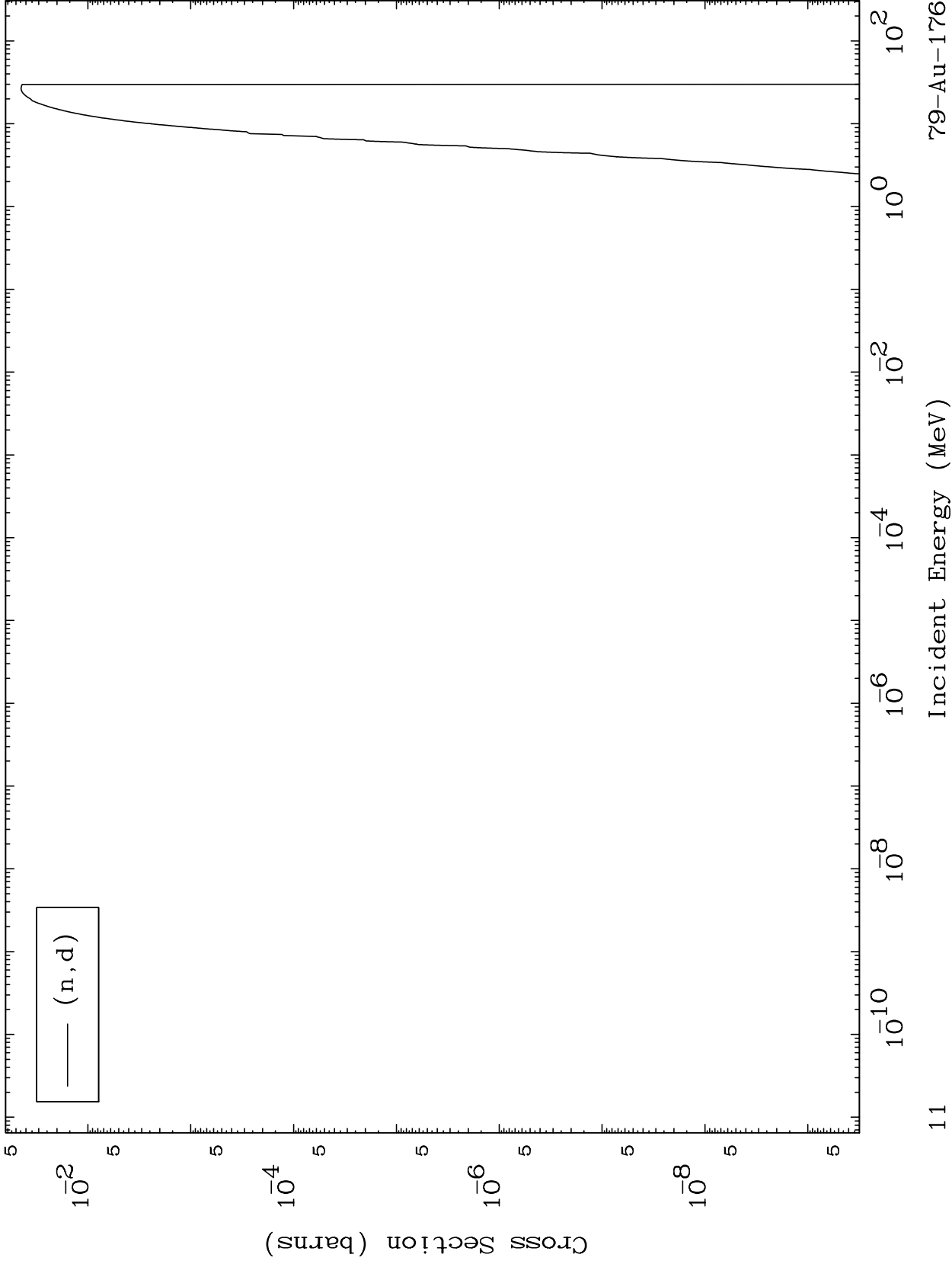
Incident Energy (MeV)

79-Au-176

MAT 7862

(n,d) Levels
293 Kelvin Cross Sections

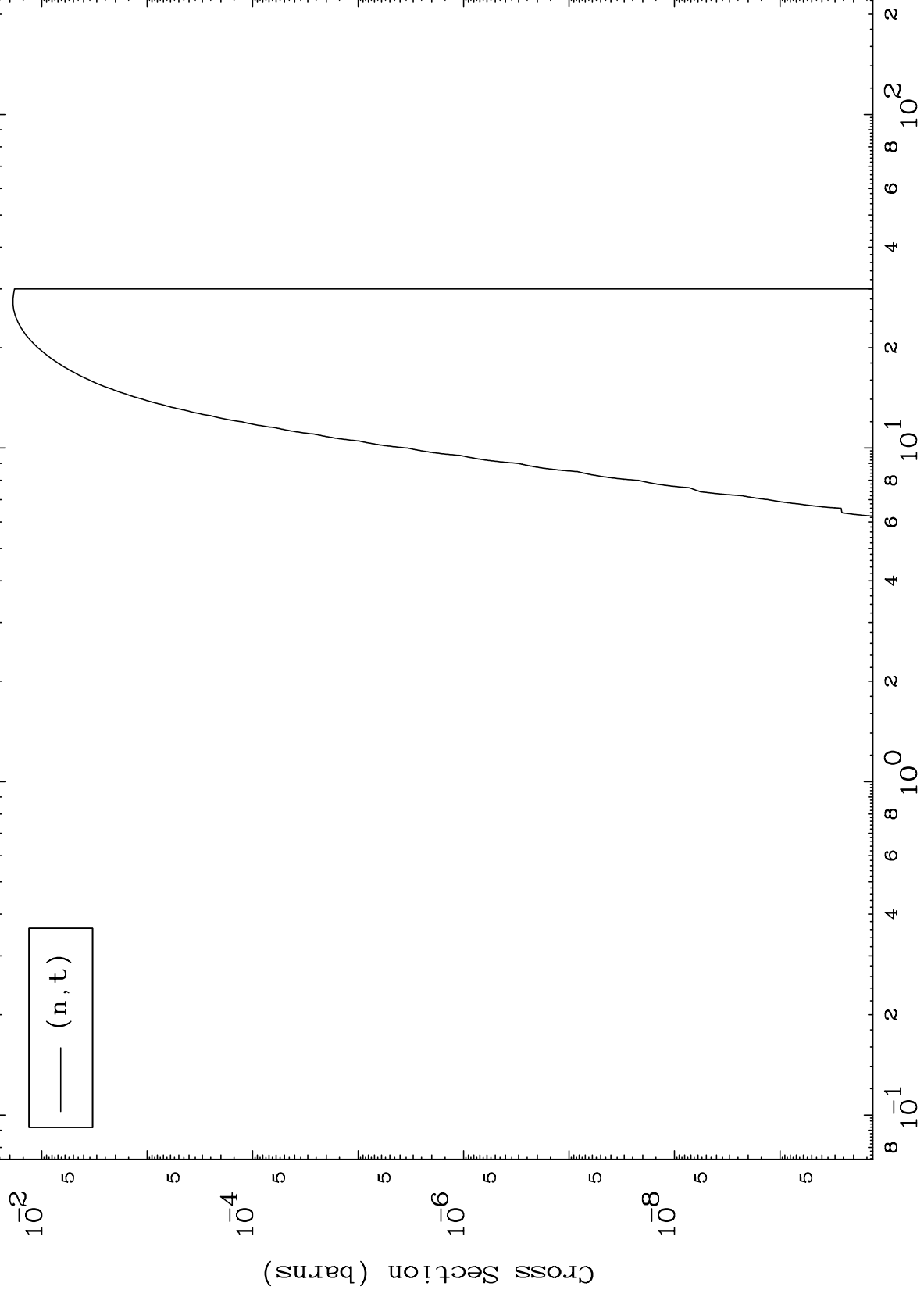
79-Au-176



MAT 7862

(n,t) Levels
293 Kelvin Cross Sections

79-Au-176



12

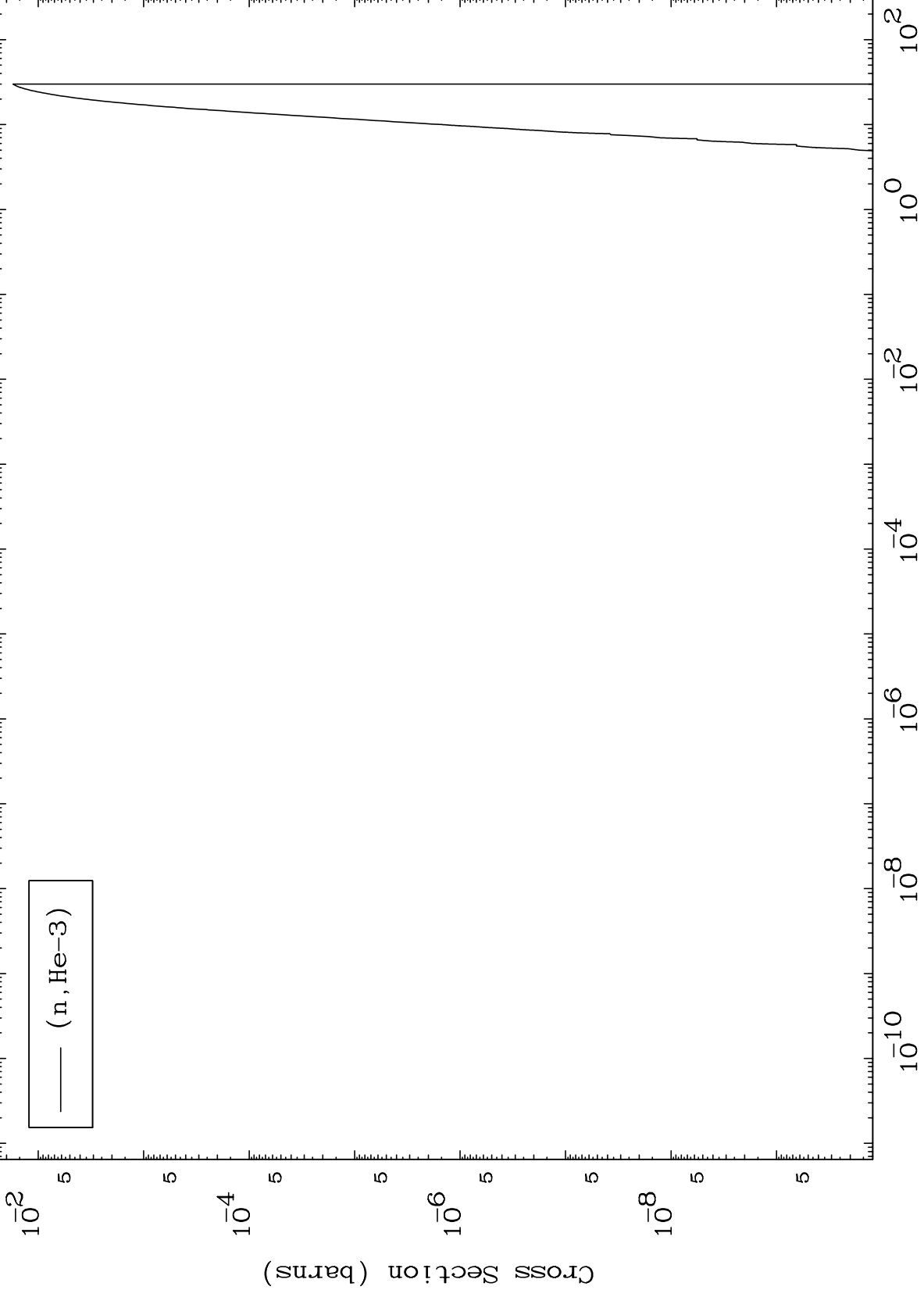
Incident Energy (MeV)

79-Au-176

MAT 7862

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-176



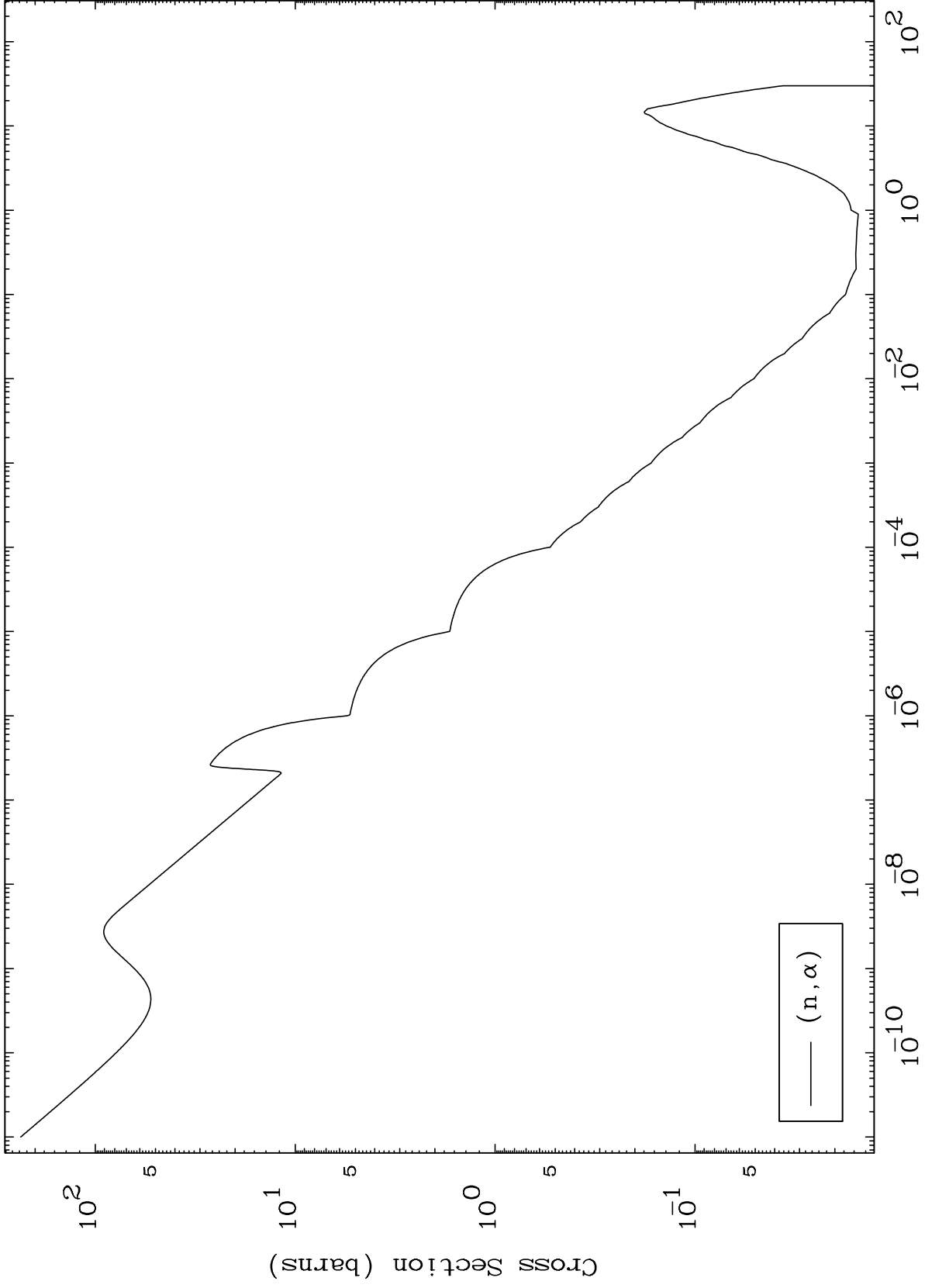
13

79-Au-176

MAT 7862

(n, α) Levels
293 Kelvin Cross Sections

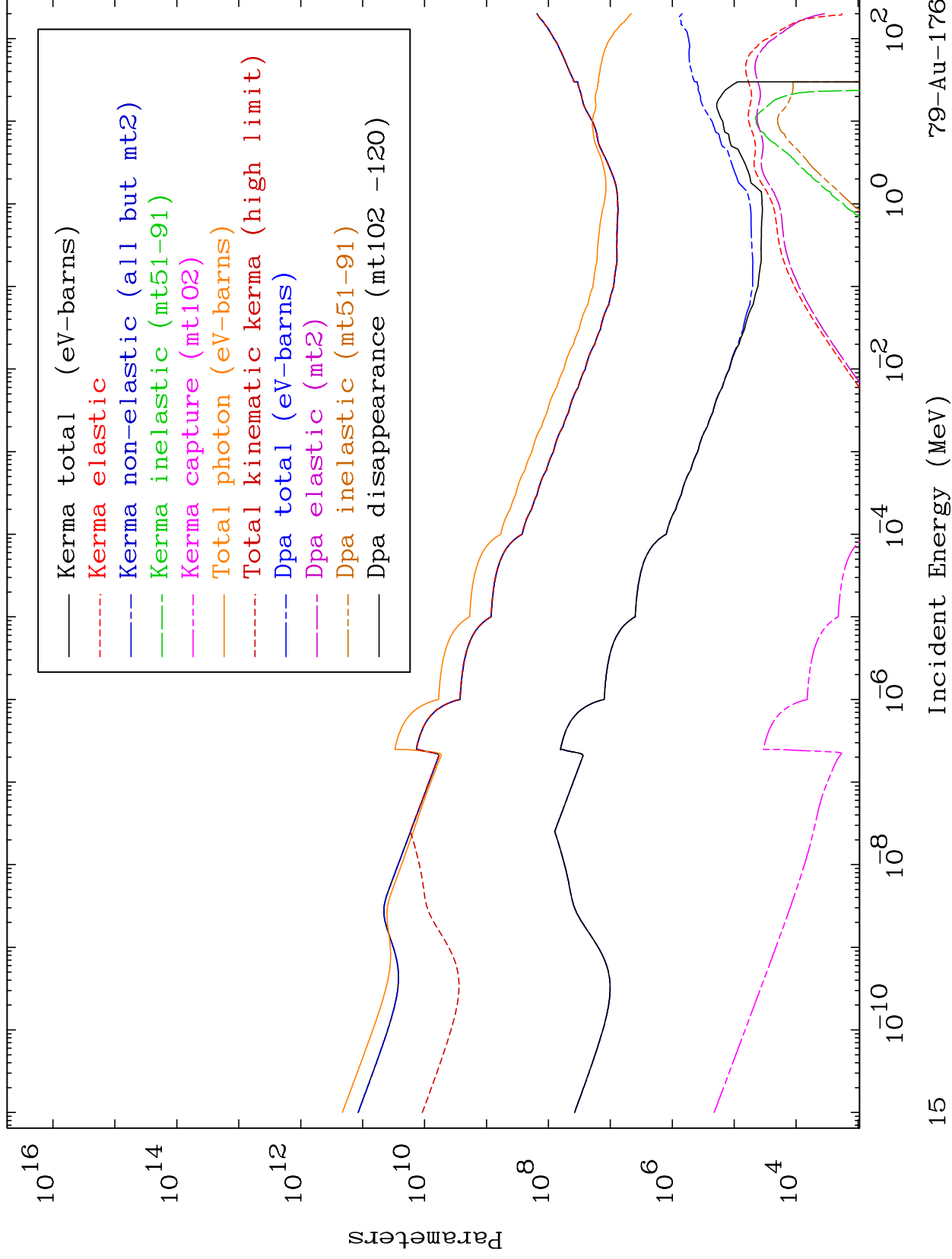
79-Au-176



14

Incident Energy (MeV)

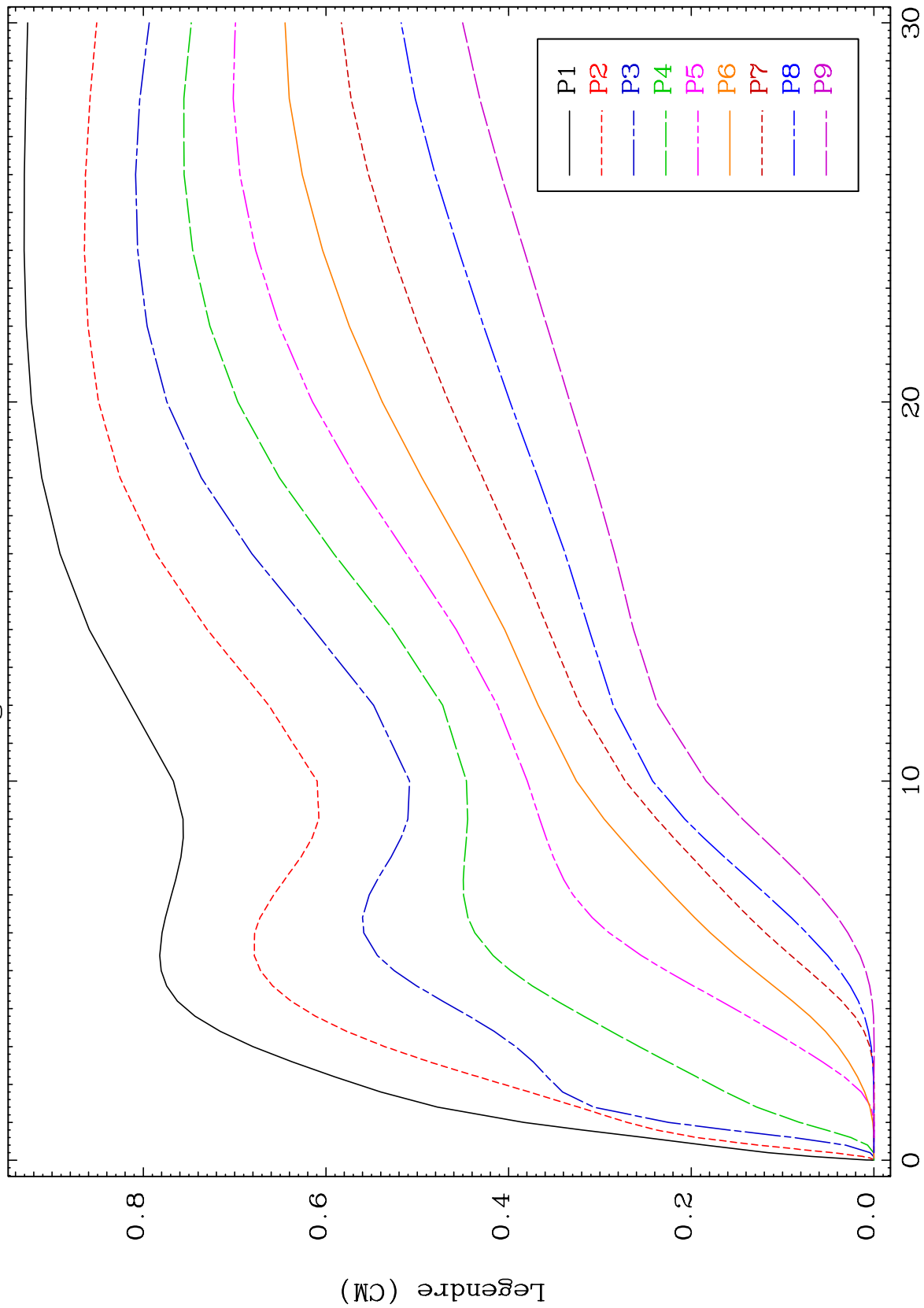
79-Au-176



MAT 7862

Elastic Legendre Coefficients

79-Au-176



16

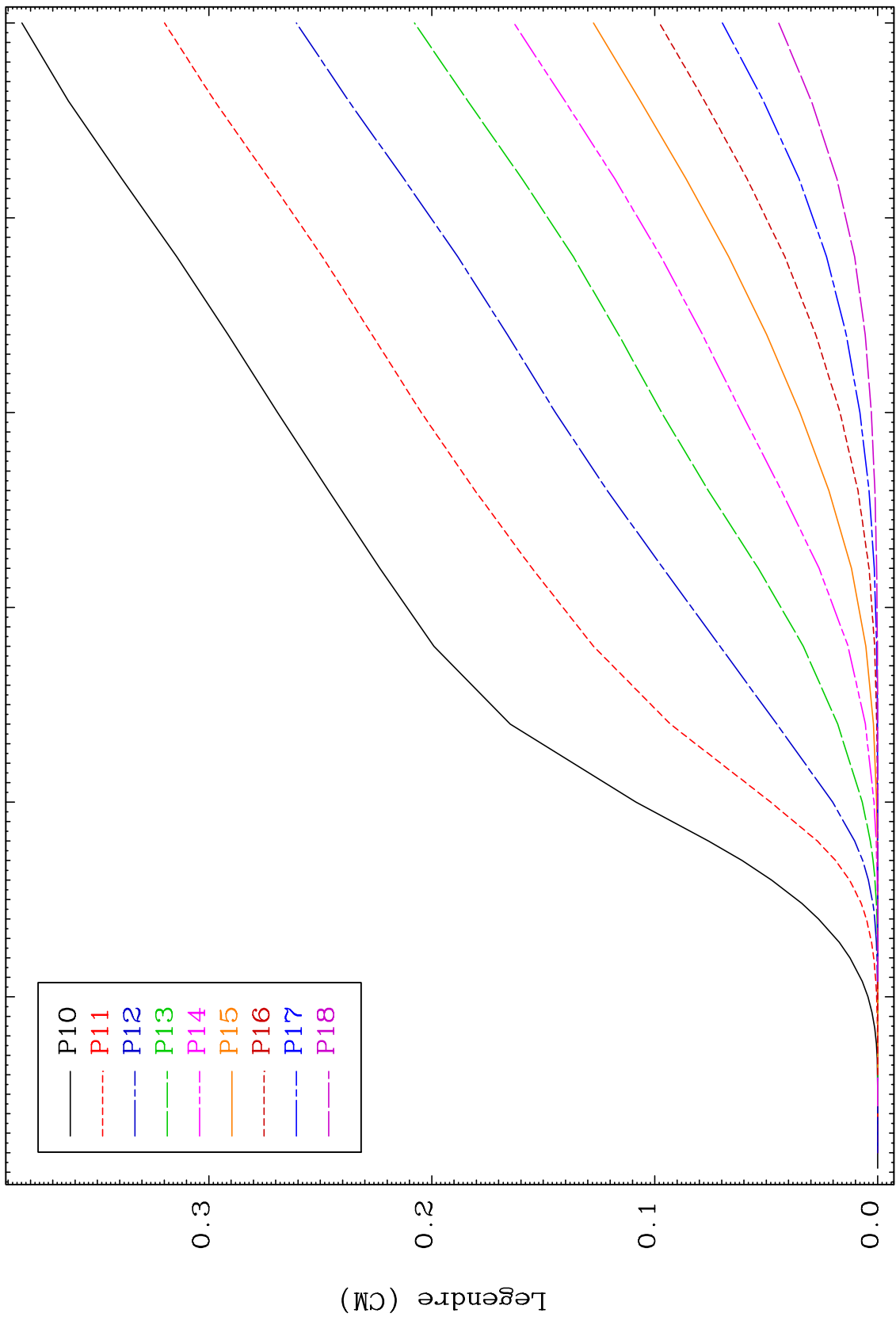
Incident Energy (MeV)

79-Au-176

MAT 7862

Elastic Legendre Coefficients

⁷⁹Au-176



17

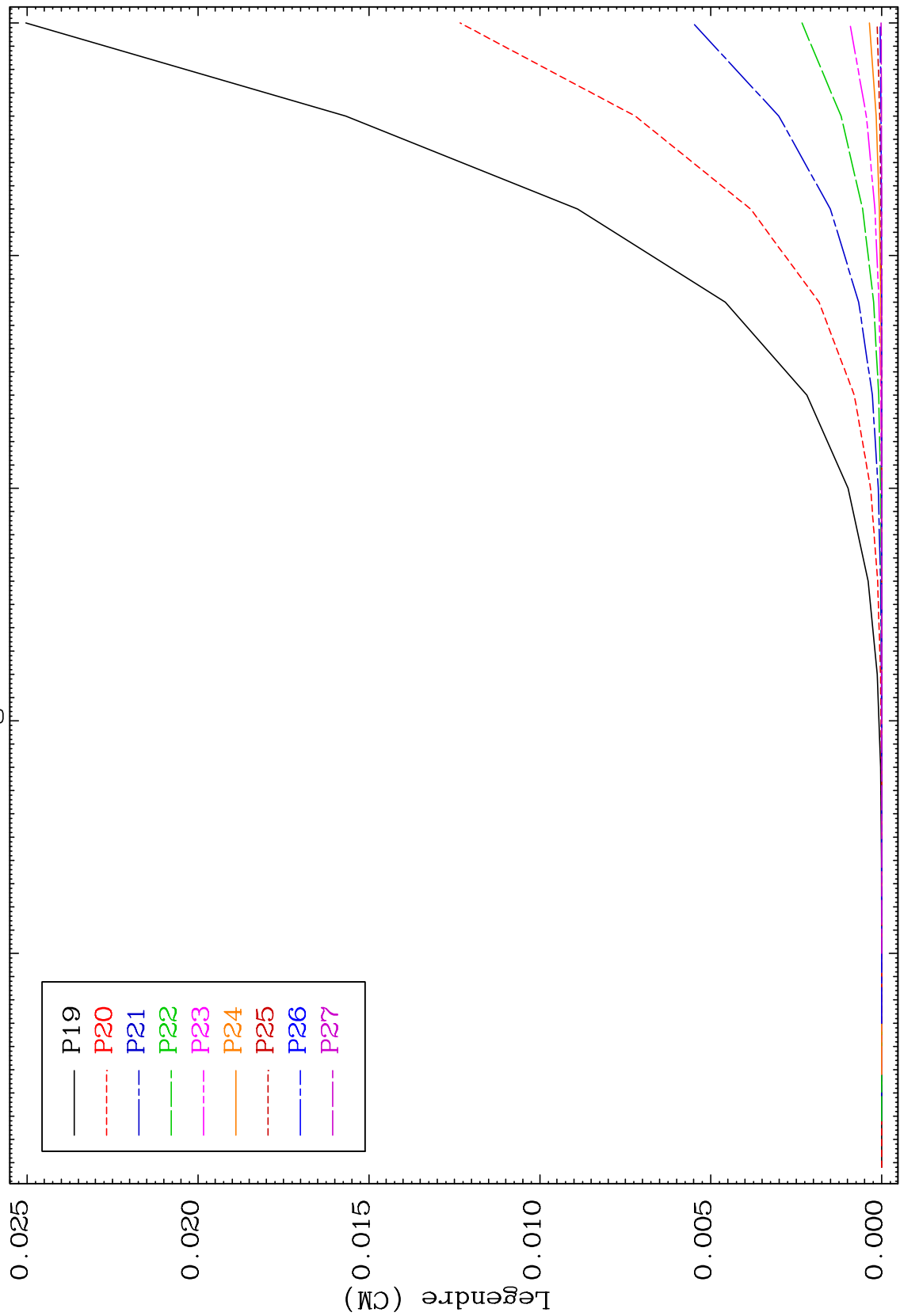
Incident Energy (MeV)

⁷⁹Au-176

MAT 7862

Elastic Legendre Coefficients

79-Au-176



18

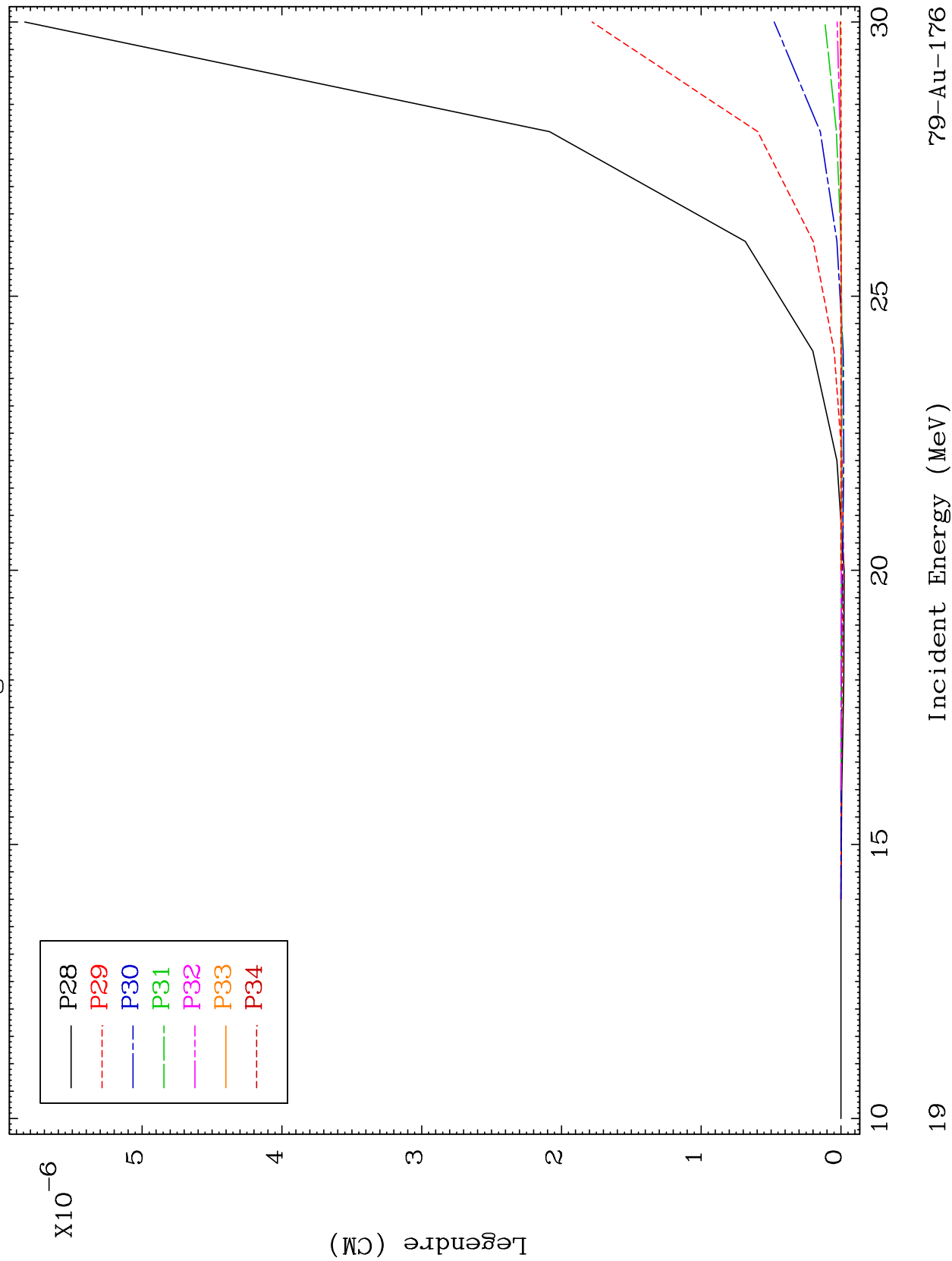
Incident Energy (MeV)

79-Au-176

MAT 7862

Elastic Legendre Coefficients

79-Au-176



19

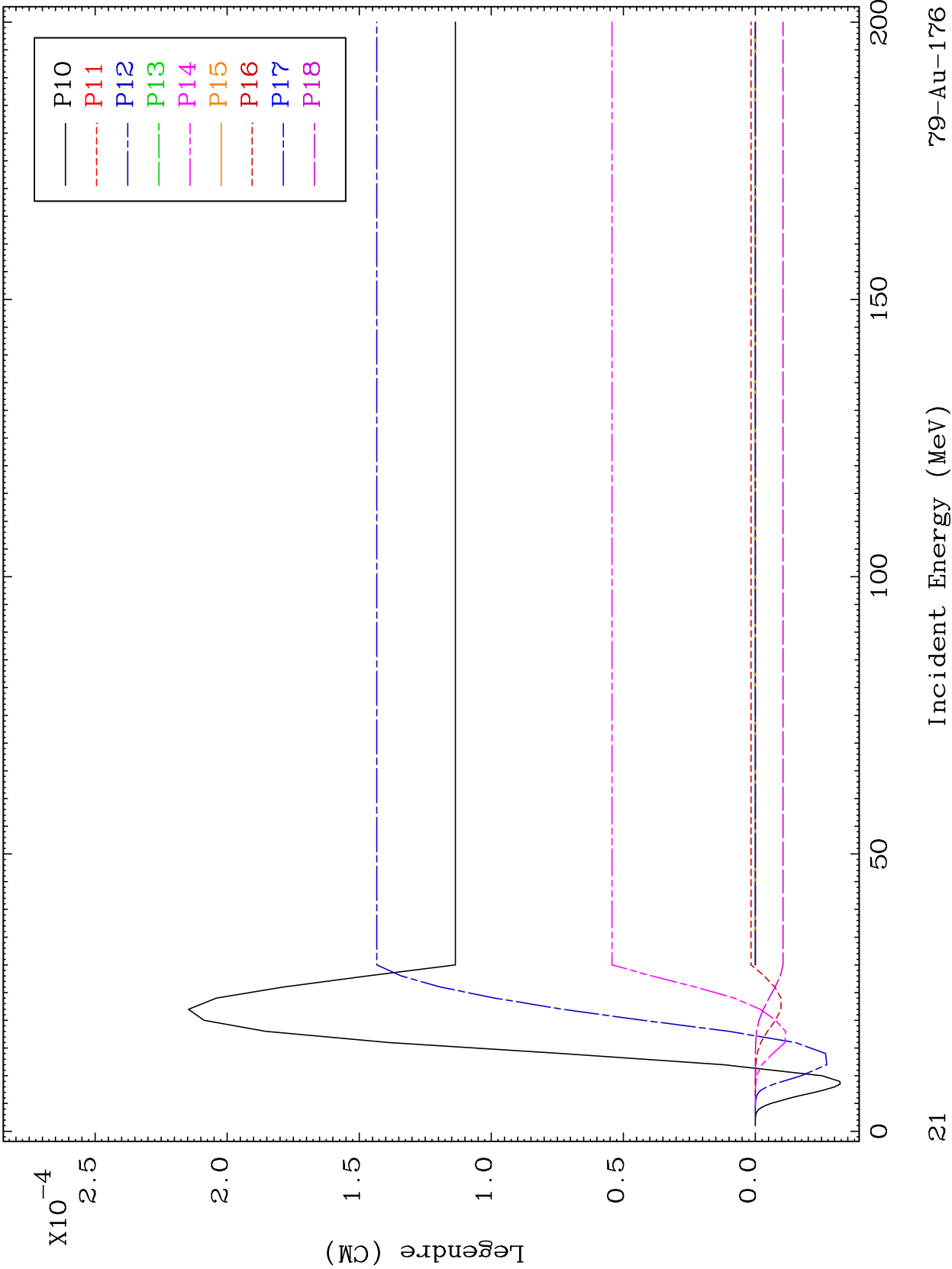
Incident Energy (MeV)

79-Au-176

MAT 7862

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

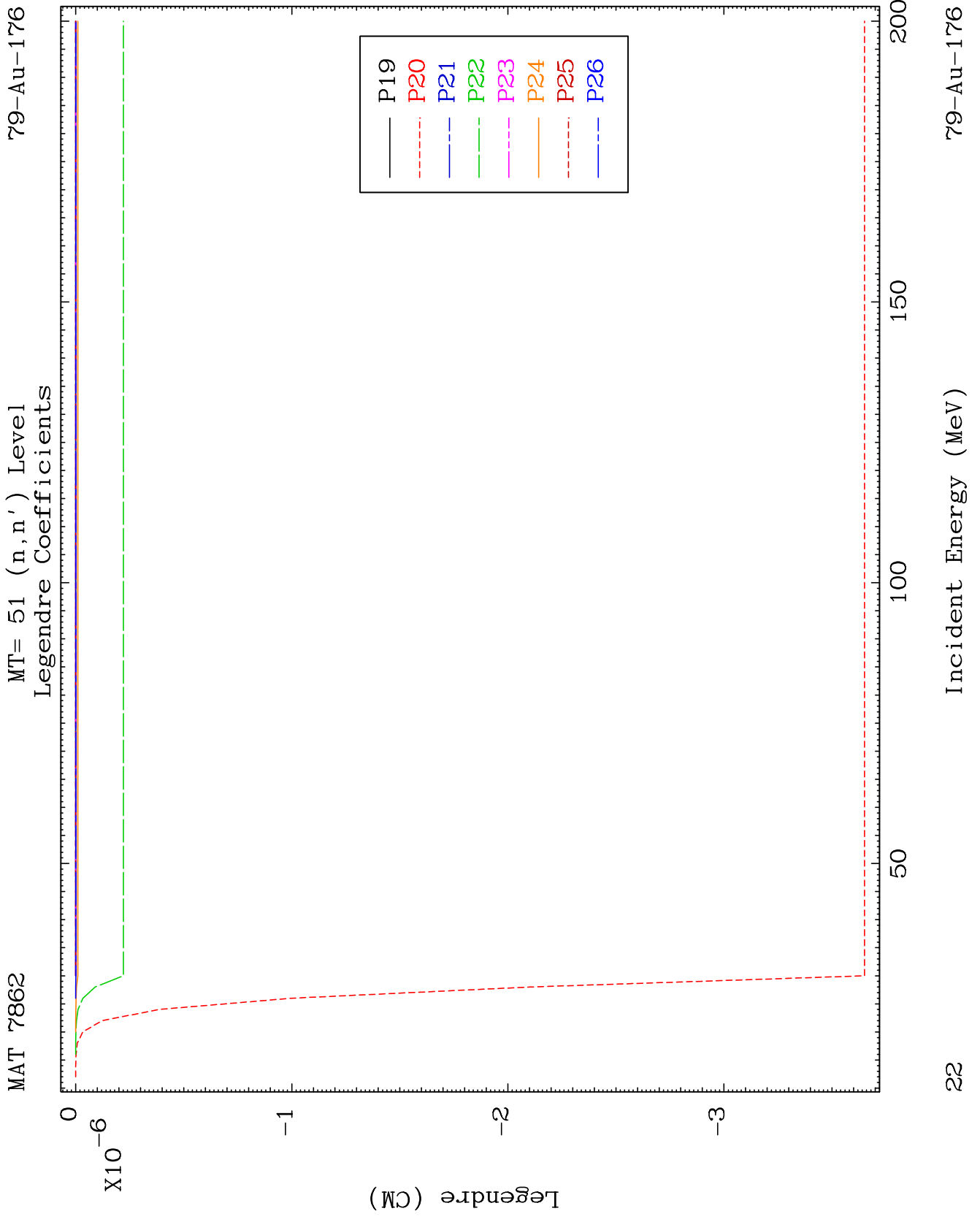
79-Au-176



79-Au-176

Incident Energy (MeV)

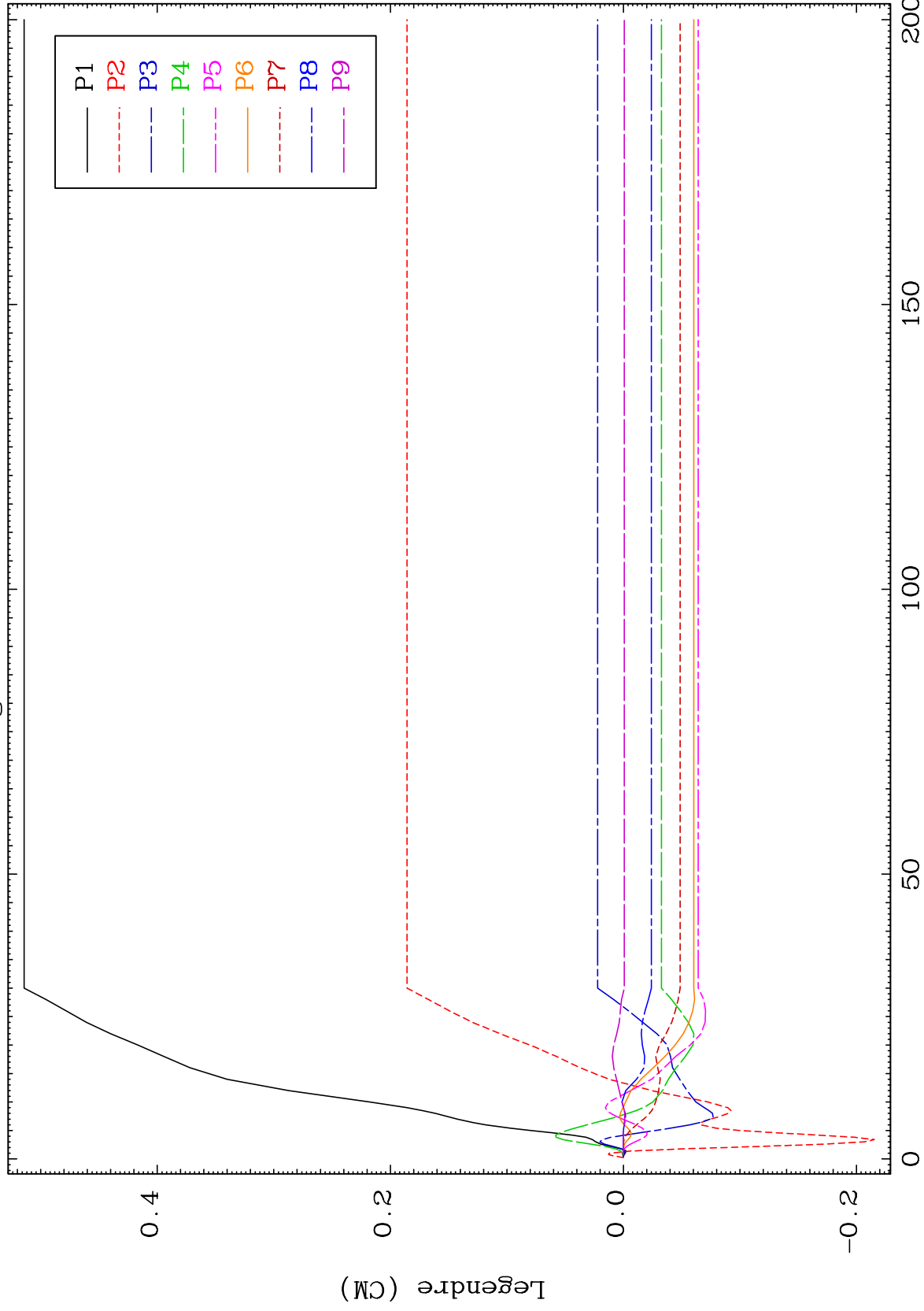
21



MAT 7862

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

79-Au-176



23

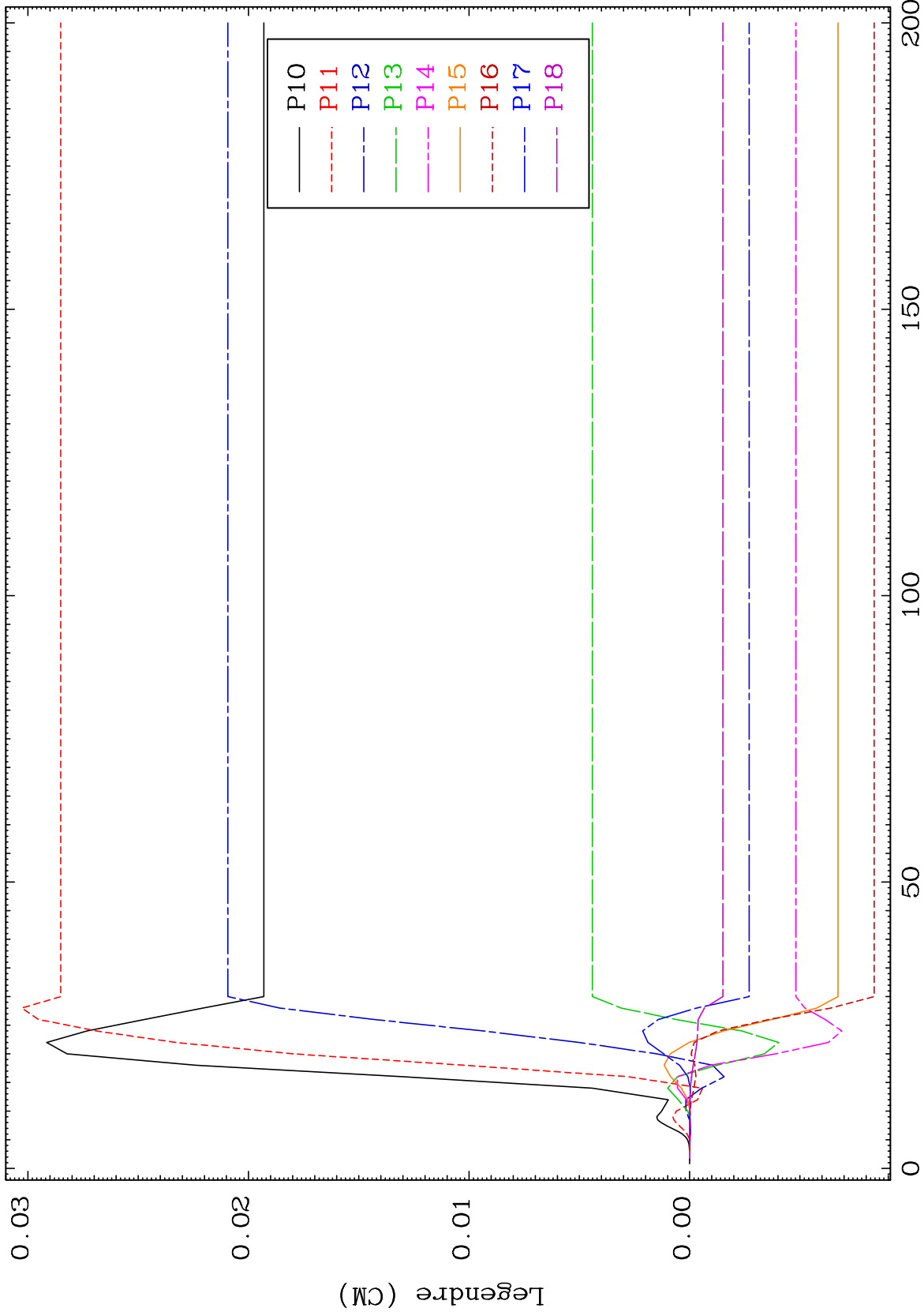
Incident Energy (MeV)

79-Au-176

MAT 7862

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

79-Au-176



24

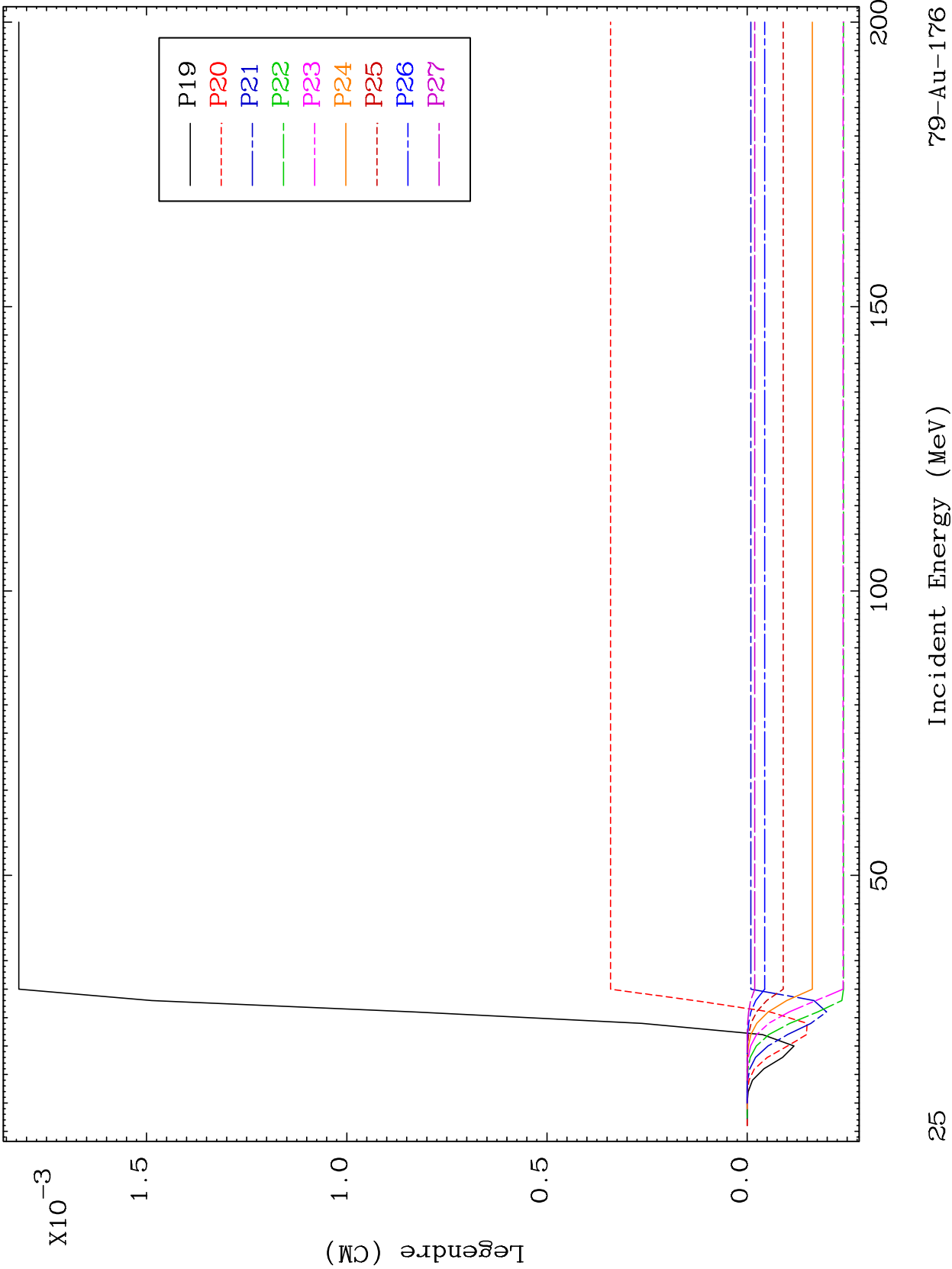
Incident Energy (MeV)

79-Au-176

MAT 7862

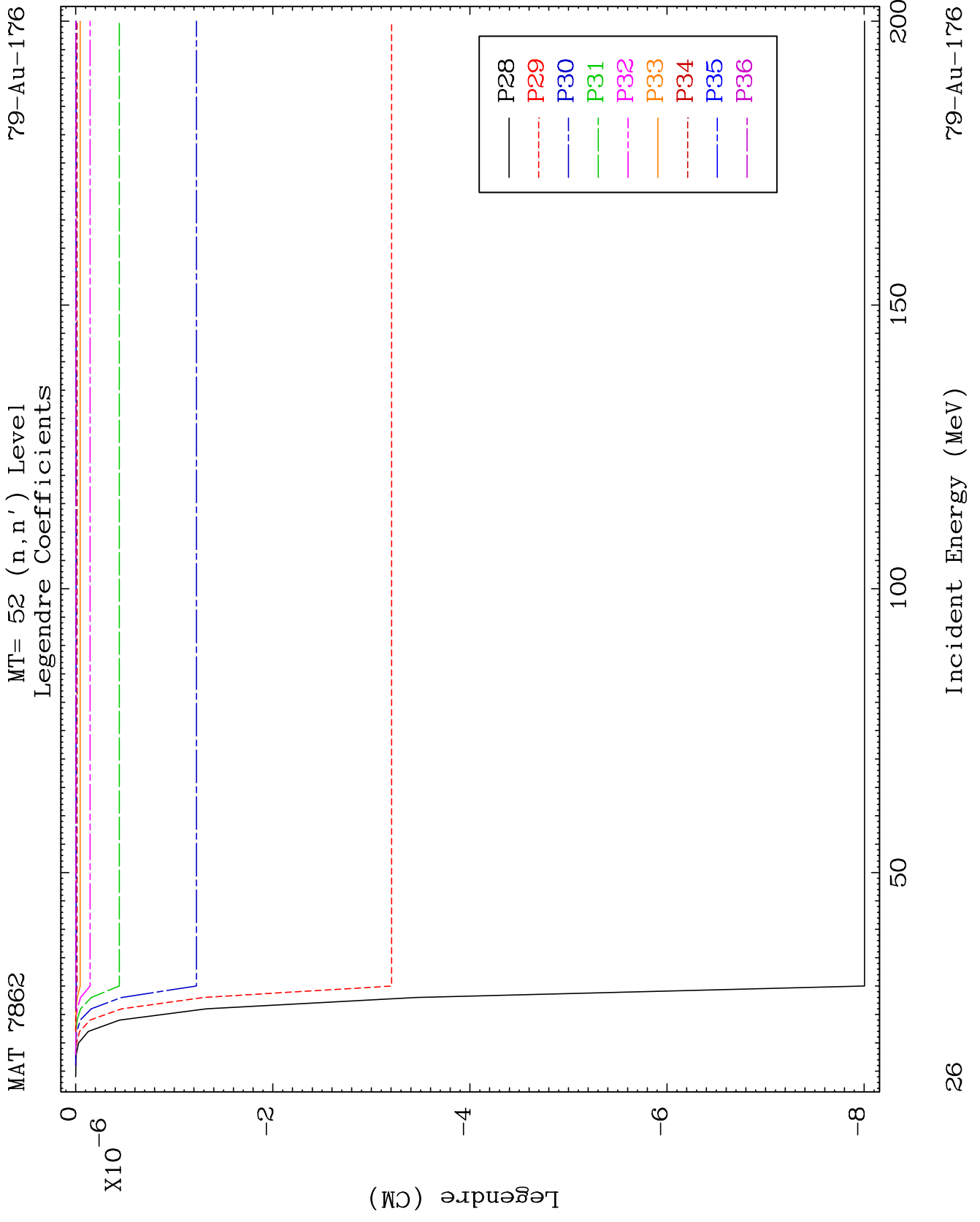
MT= 52 (n,n') Level
Legendre Coefficients

79-Au-176



25

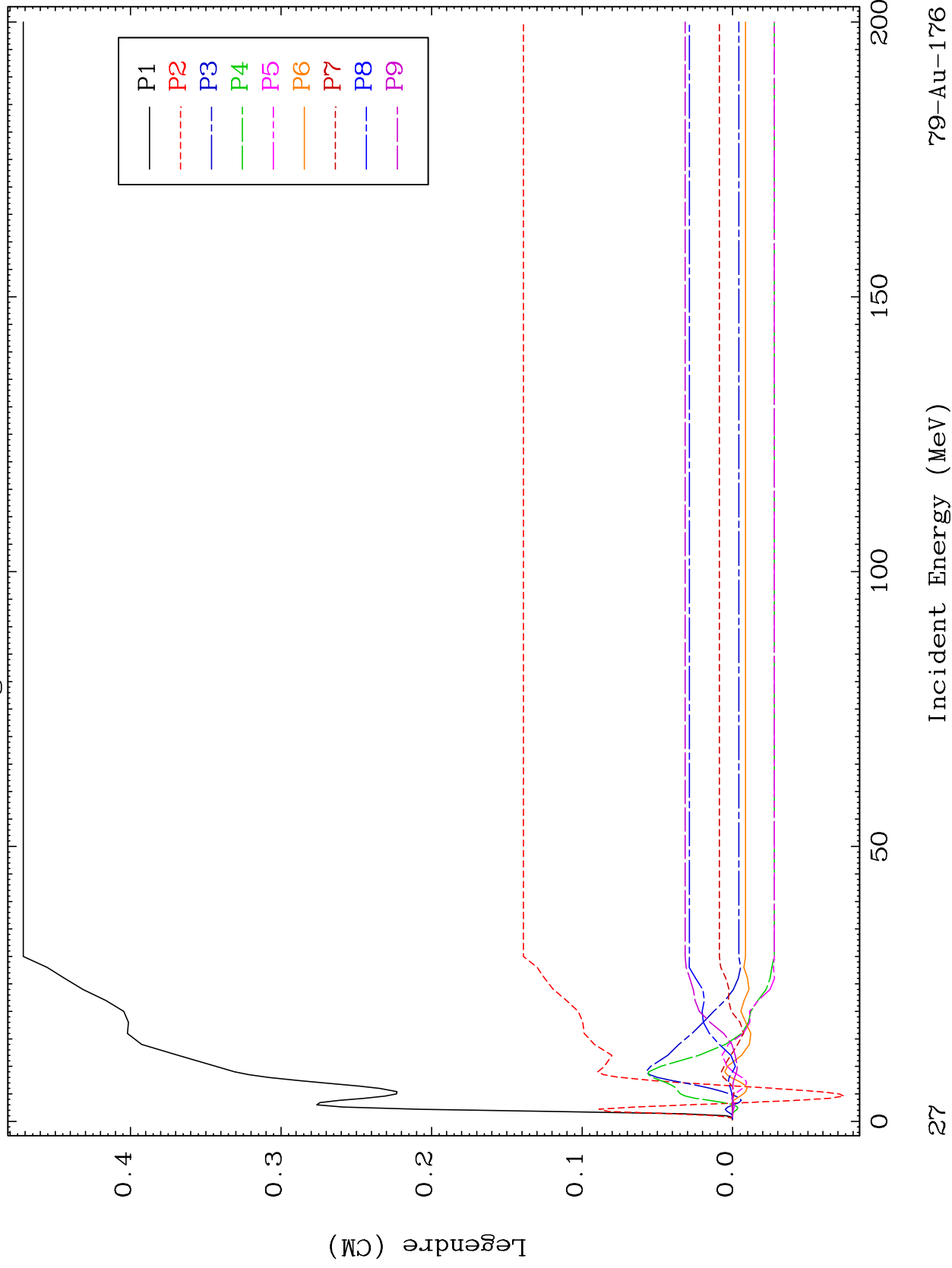
79-Au-176



MAT 7862

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

79-Au-176



79-Au-176

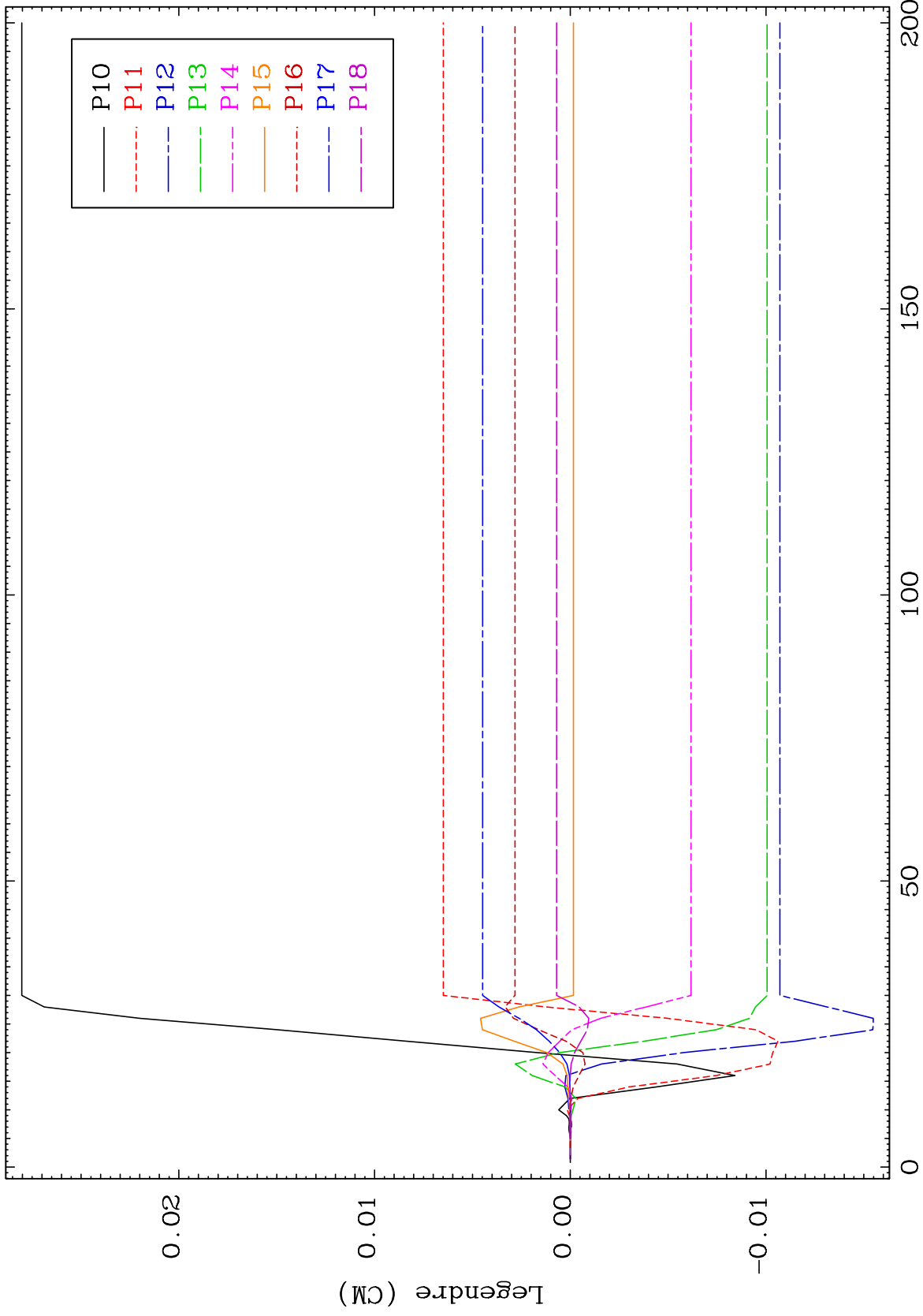
Incident Energy (MeV)

27

MAT 7862

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

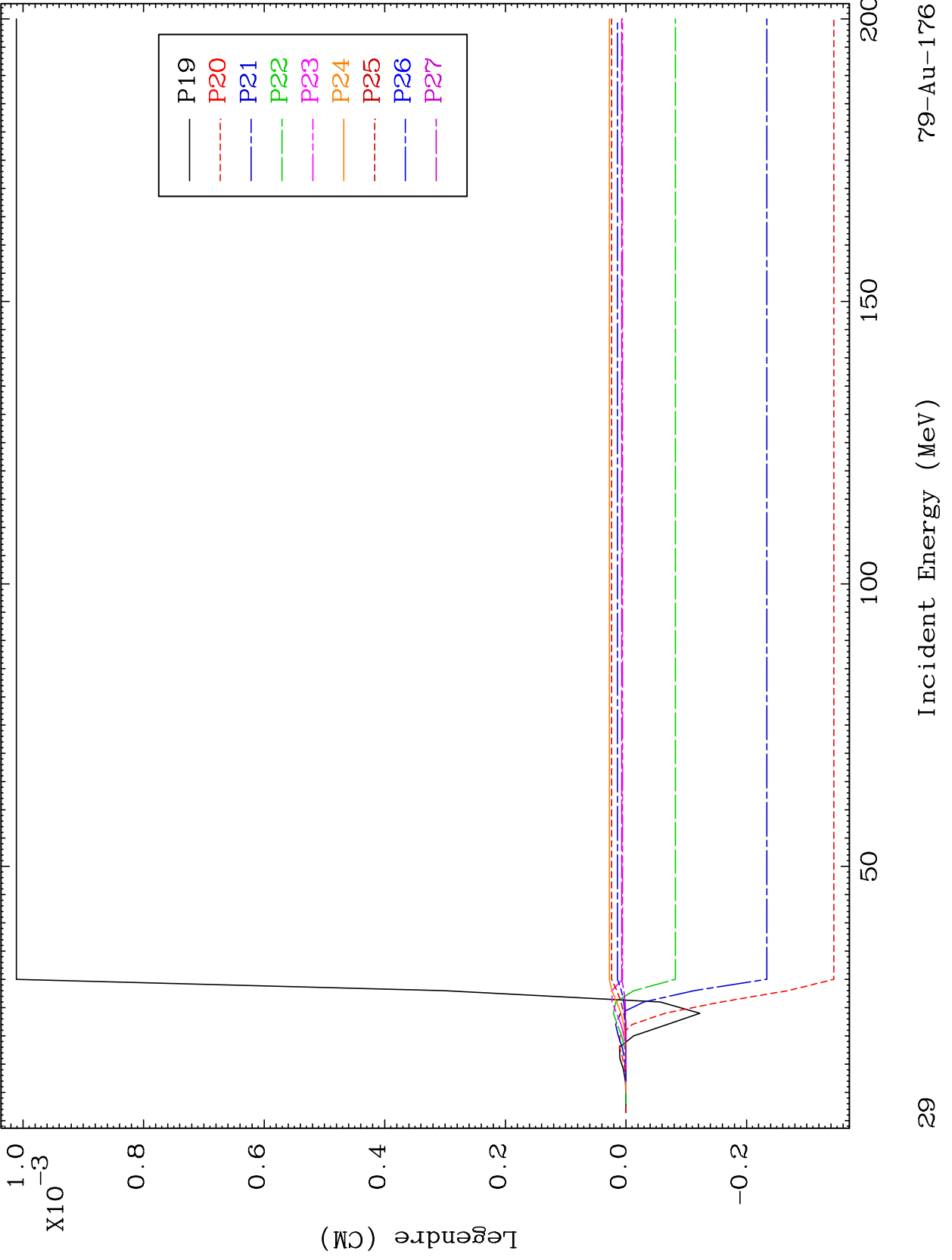
79-Au-176



28

Incident Energy (MeV)

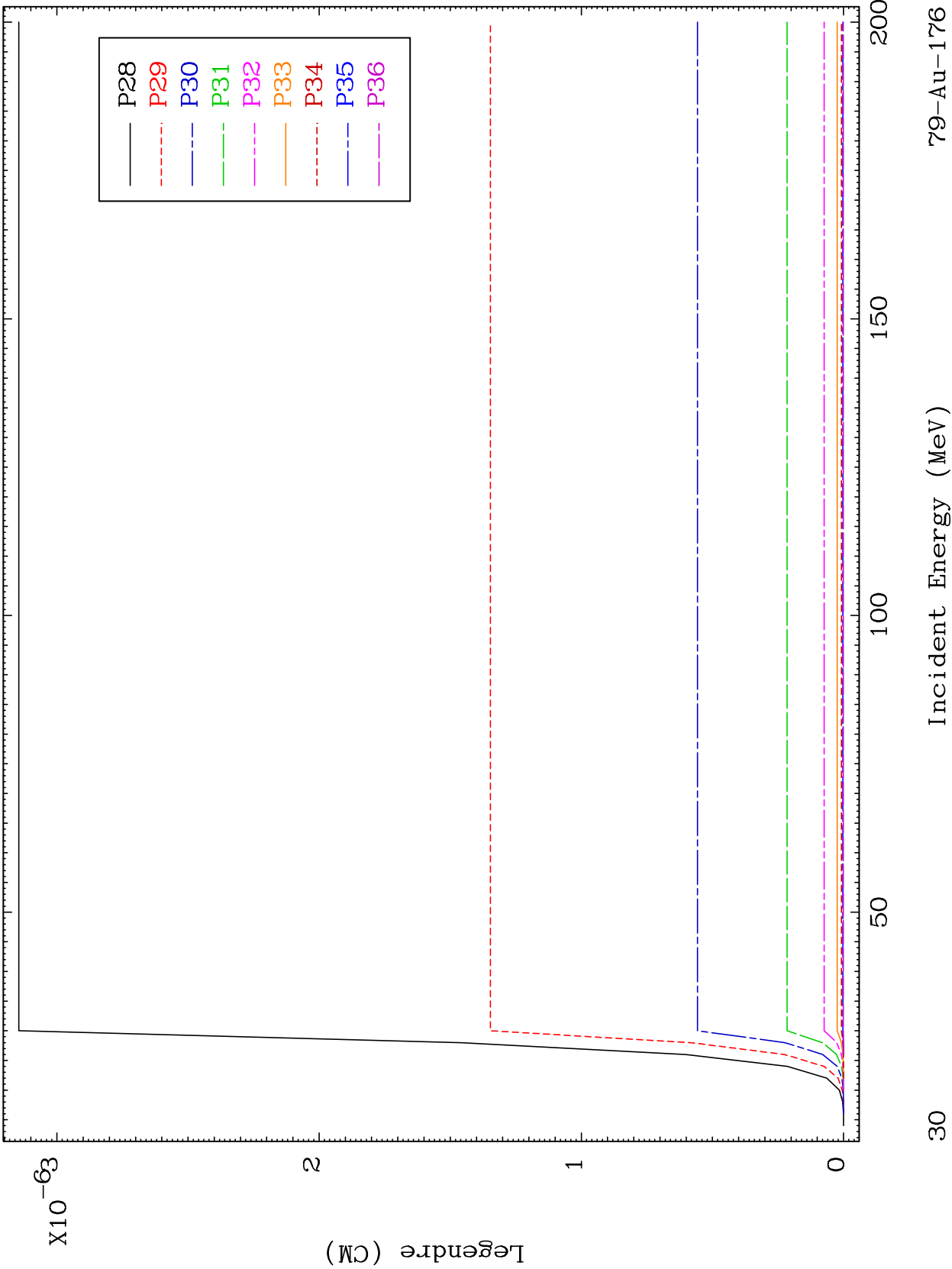
79-Au-176



MAT 7862

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

79-Au-176



79-Au-176

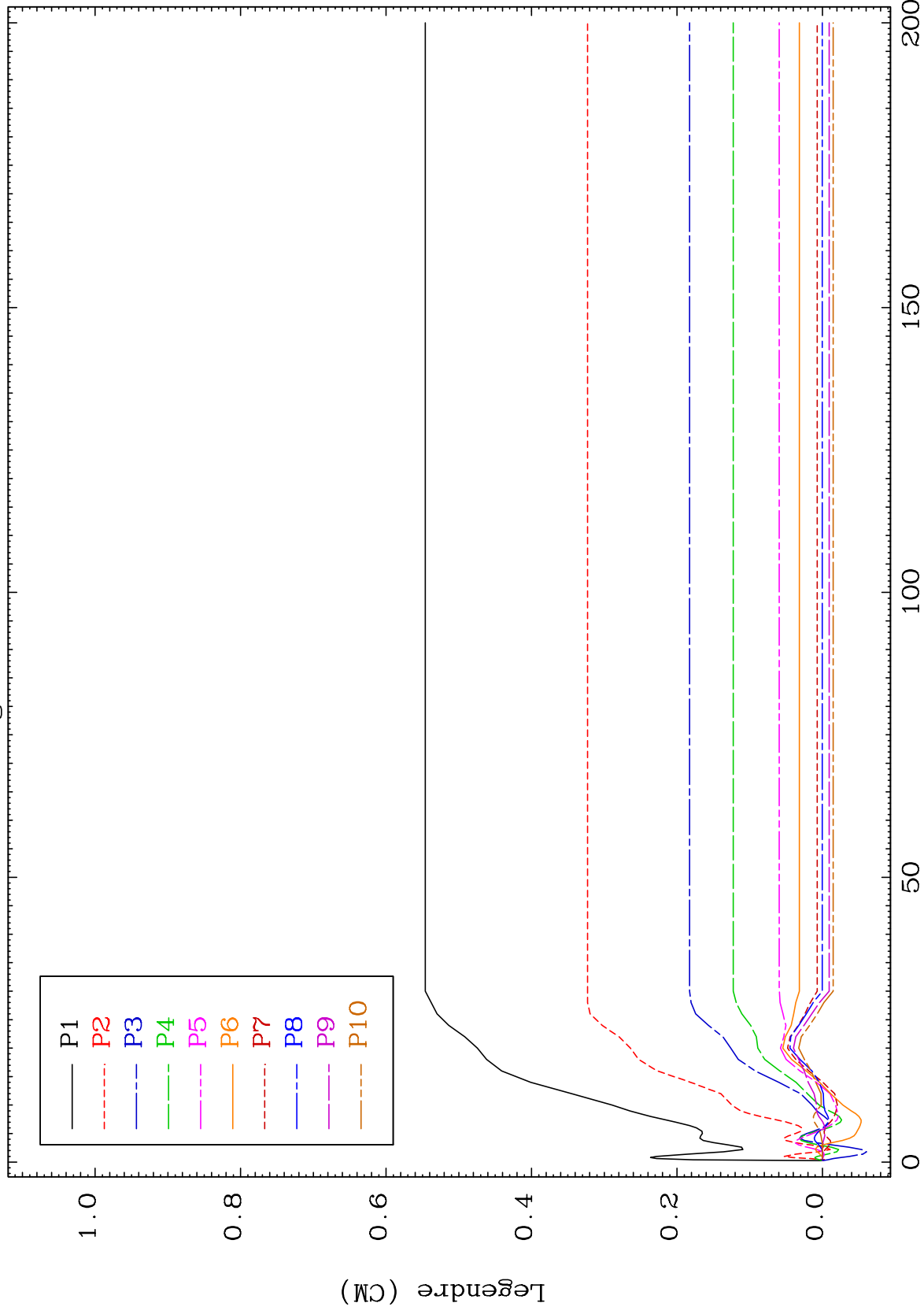
Incident Energy (MeV)

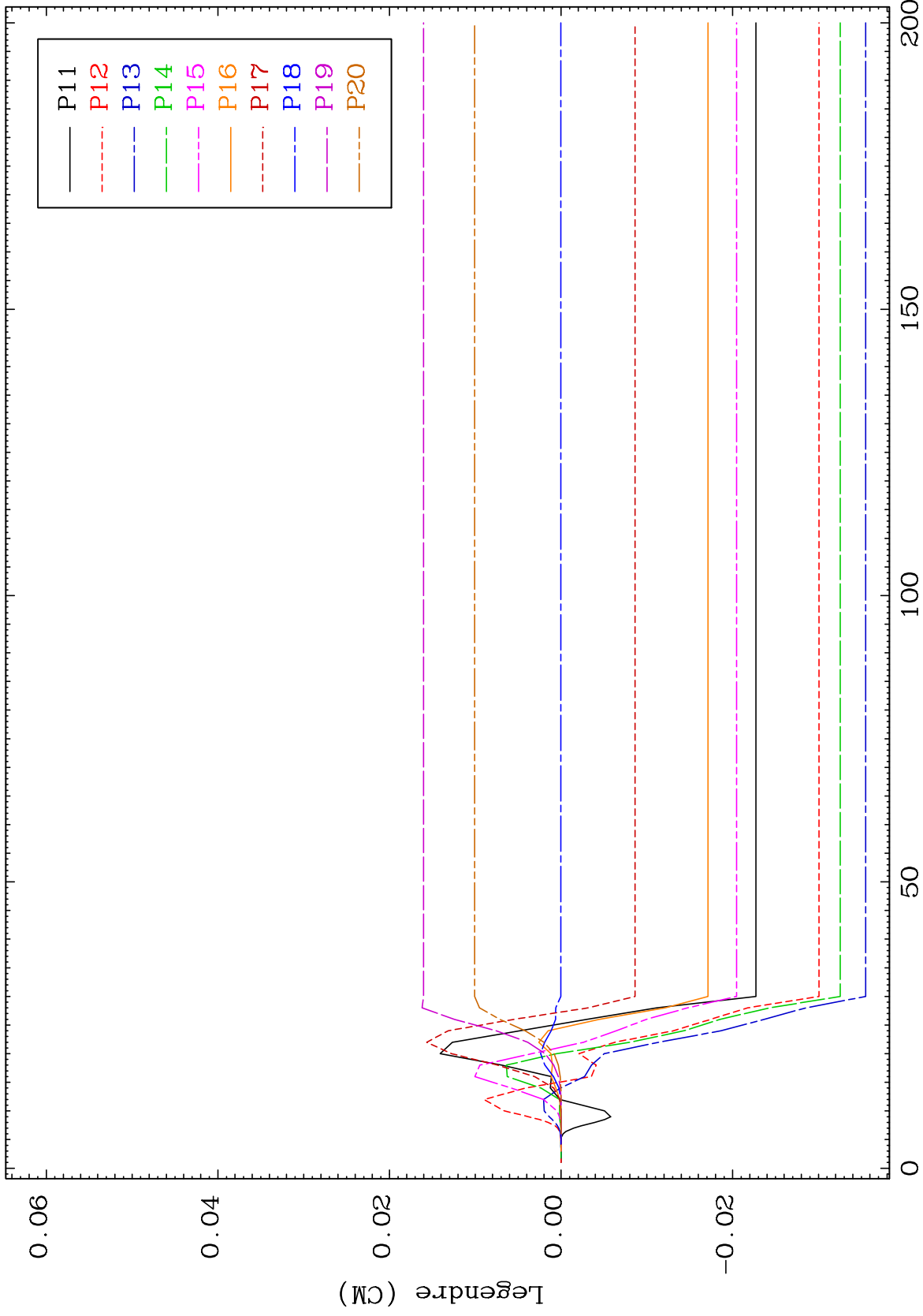
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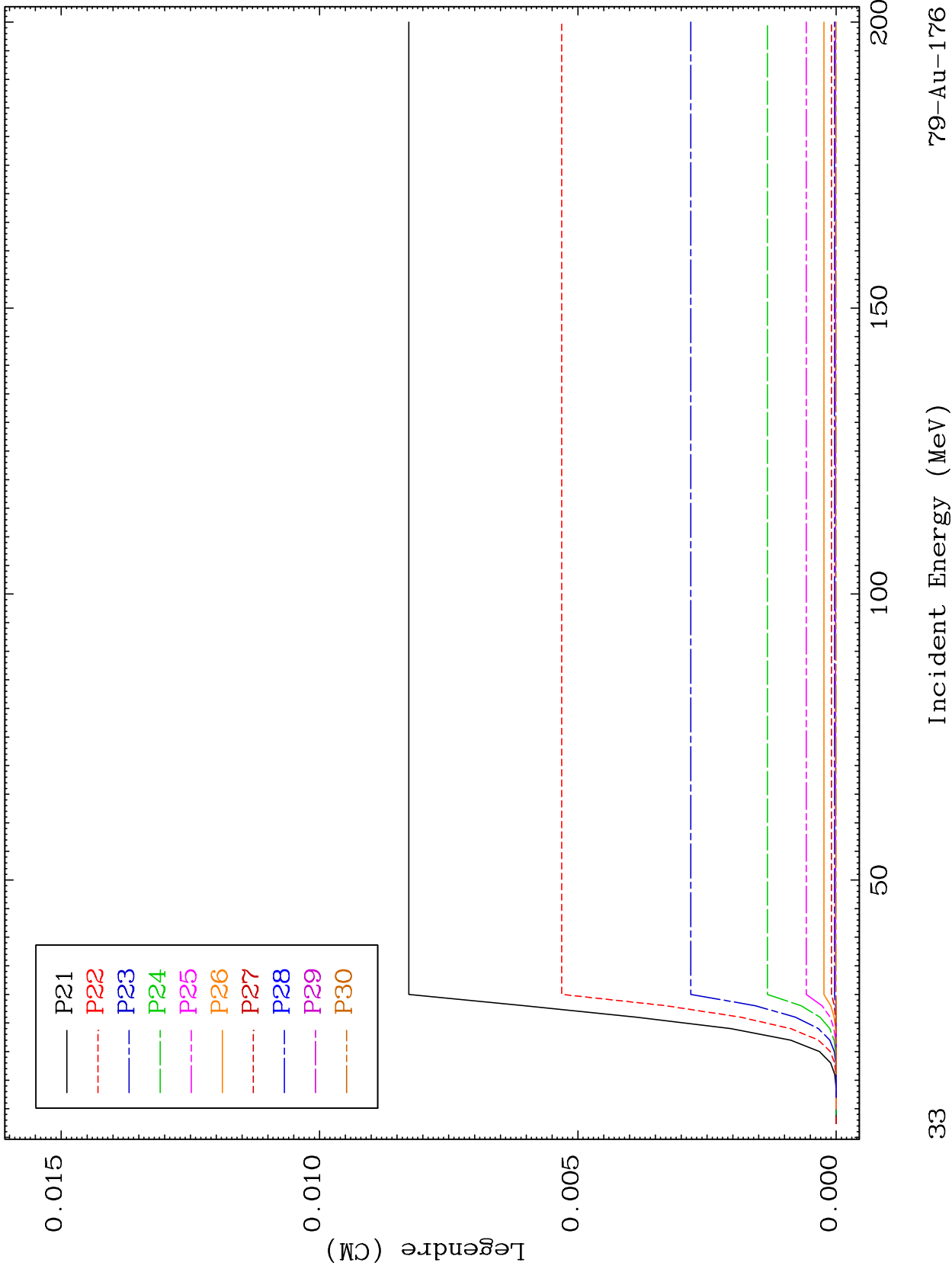
MAT 7862

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

79-Au-176



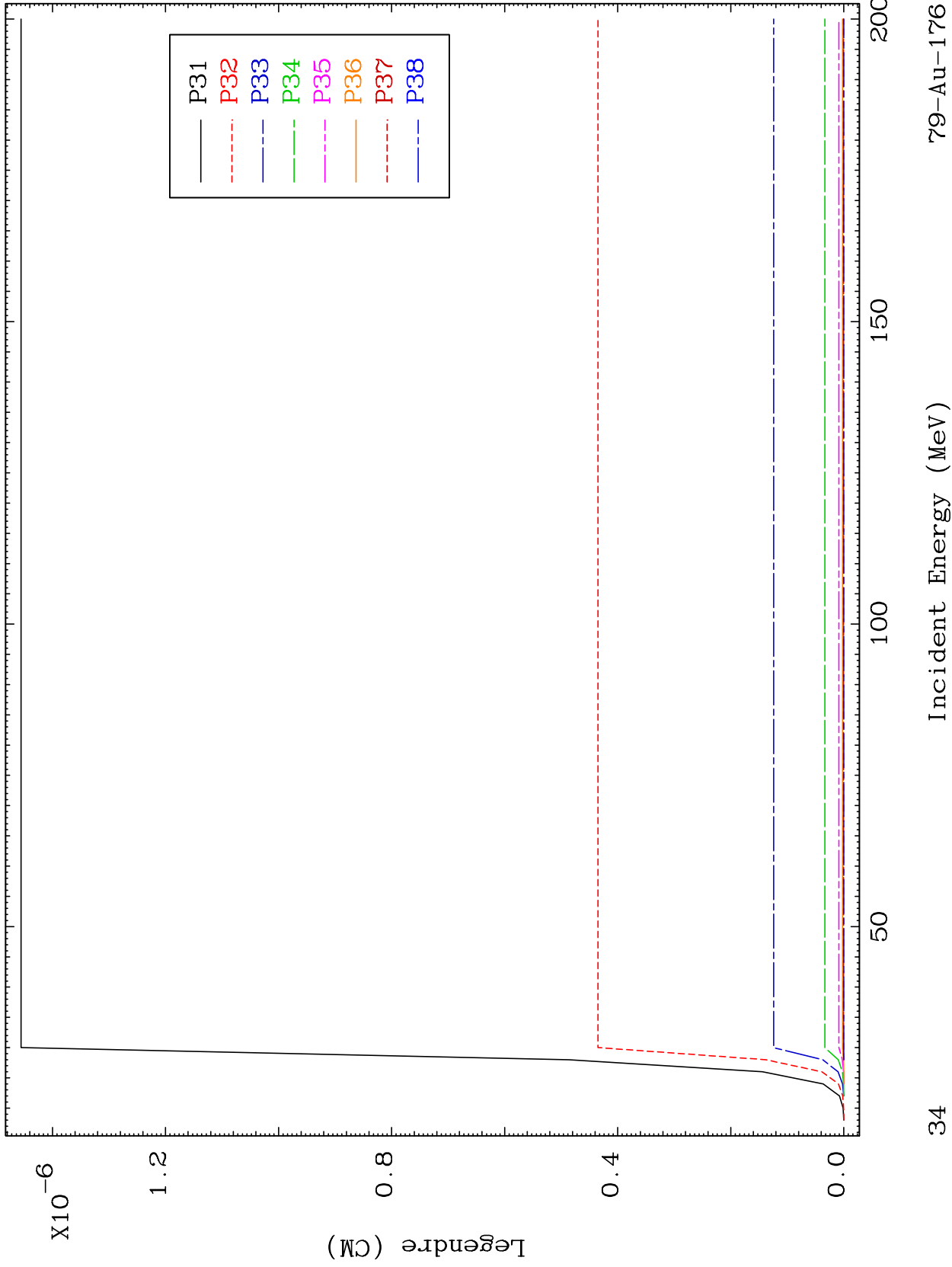




MAT 7862

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

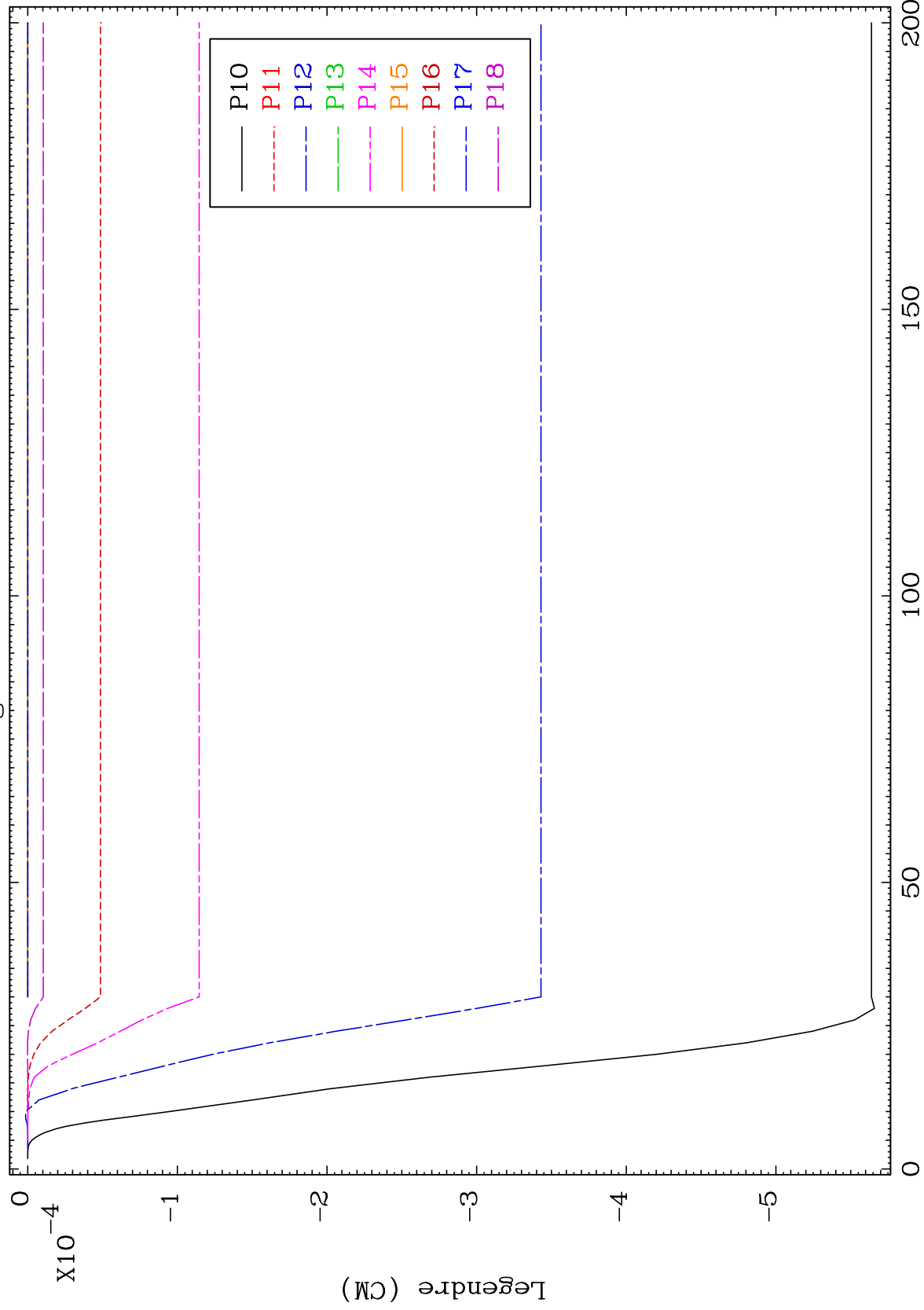
79-Au-176



MAT 7862

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

79-Au-176



36

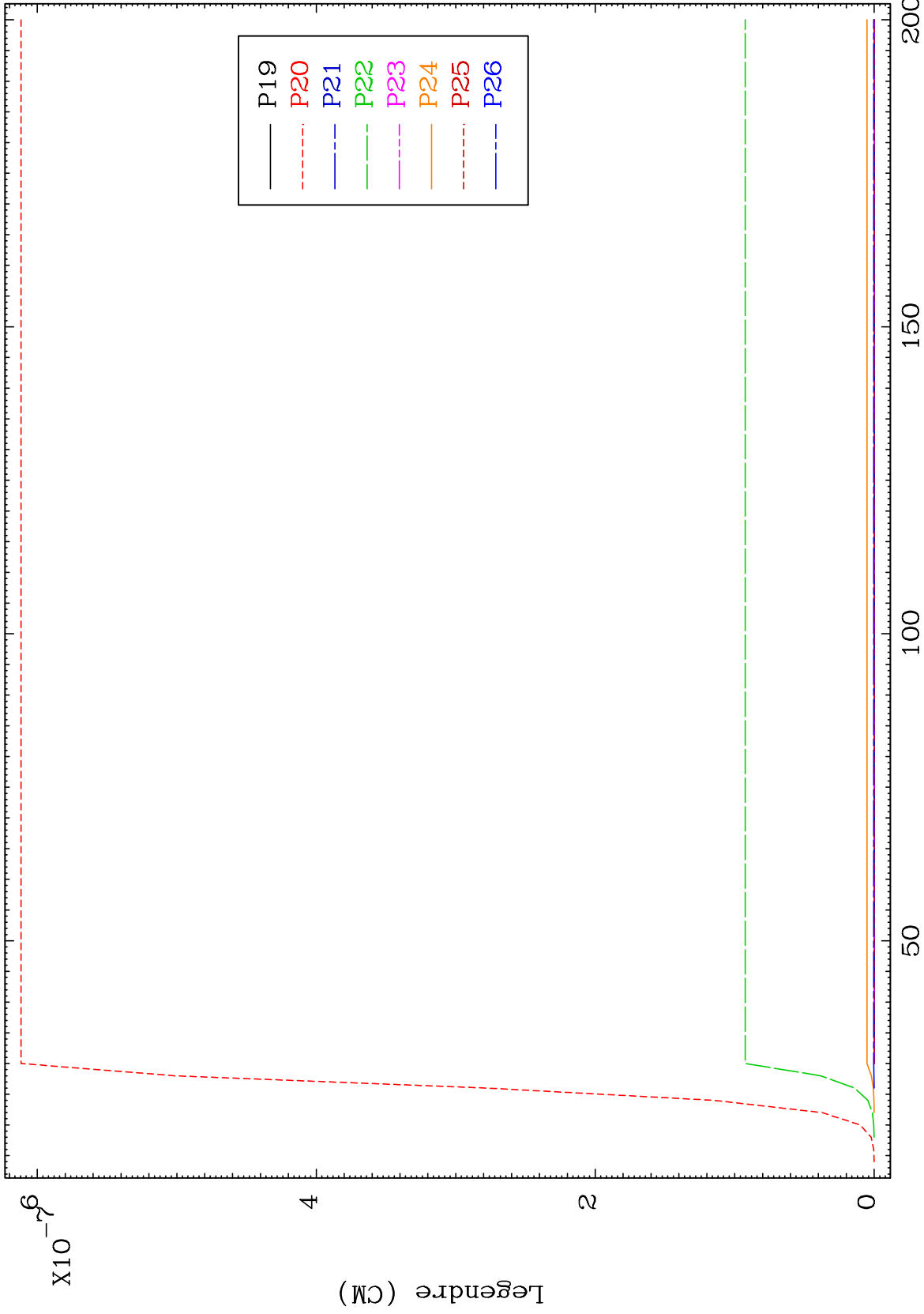
Incident Energy (MeV)

79-Au-176

MAT 7862

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

79-Au-176



37

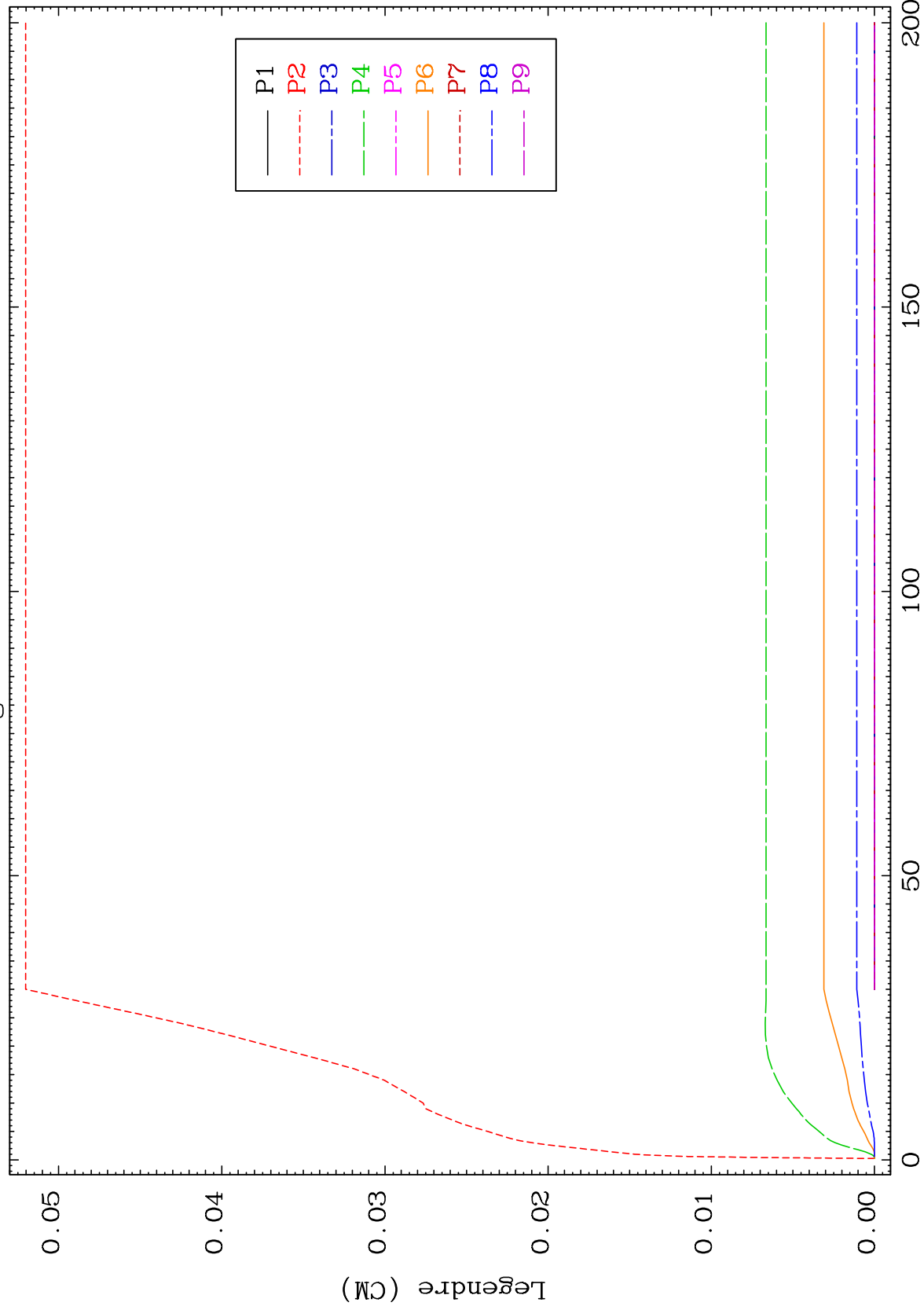
Incident Energy (MeV)

79-Au-176

MAT 7862

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

79-Au-176



38

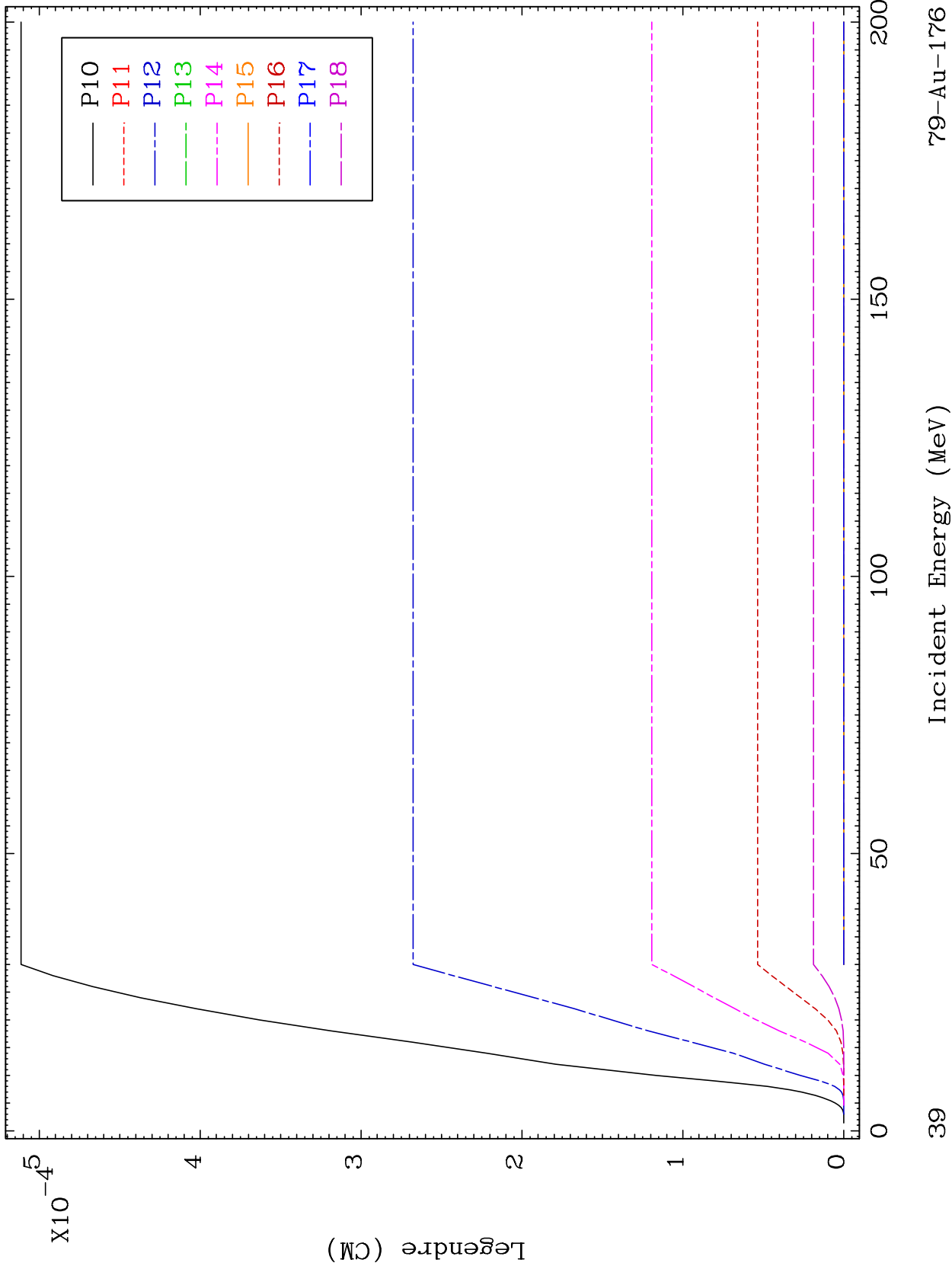
Incident Energy (MeV)

79-Au-176

MAT 7862

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

79-Au-176



39

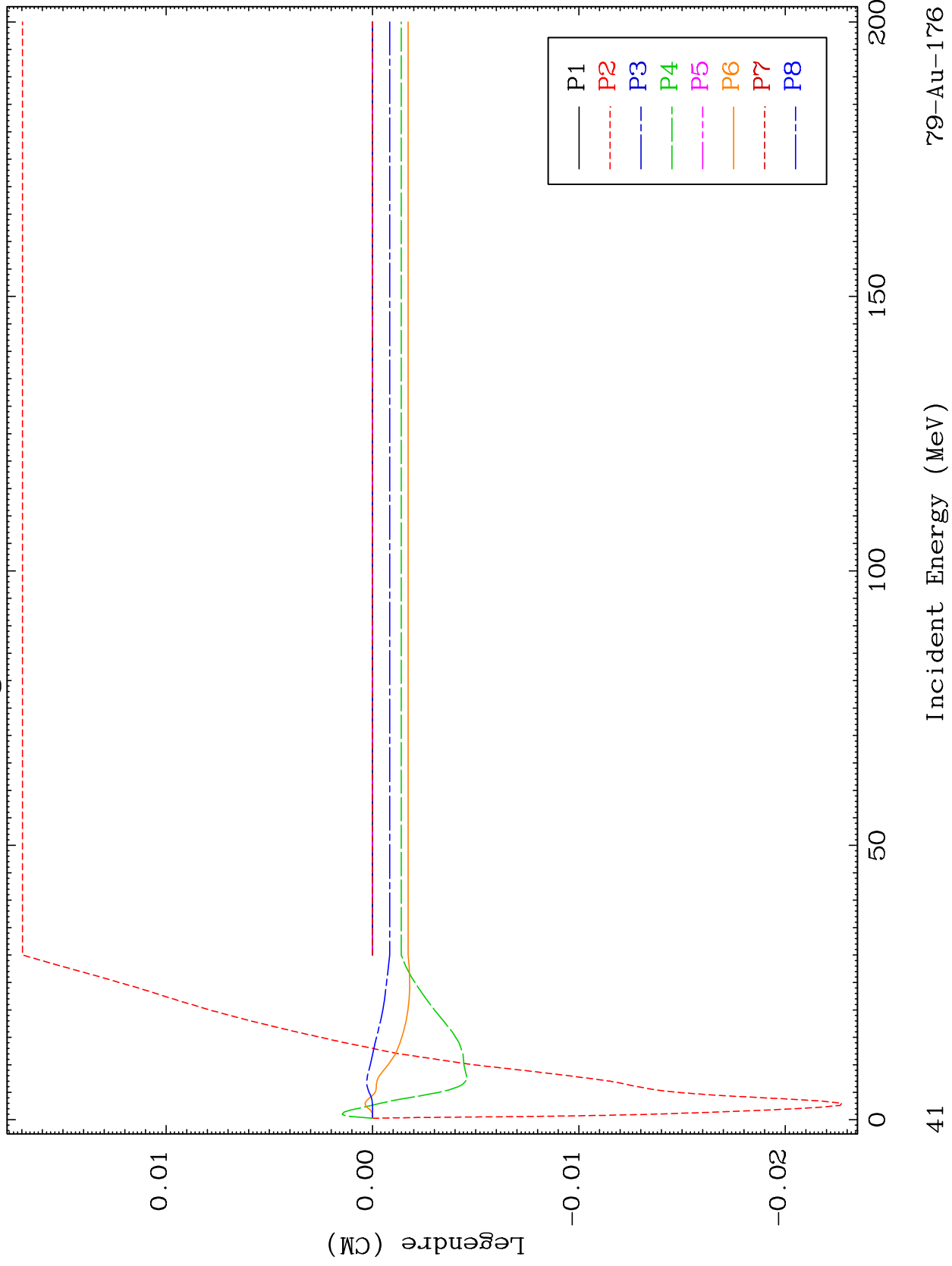
Incident Energy (MeV)

79-Au-176

MAT 7862

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

79-Au-176



79-Au-176

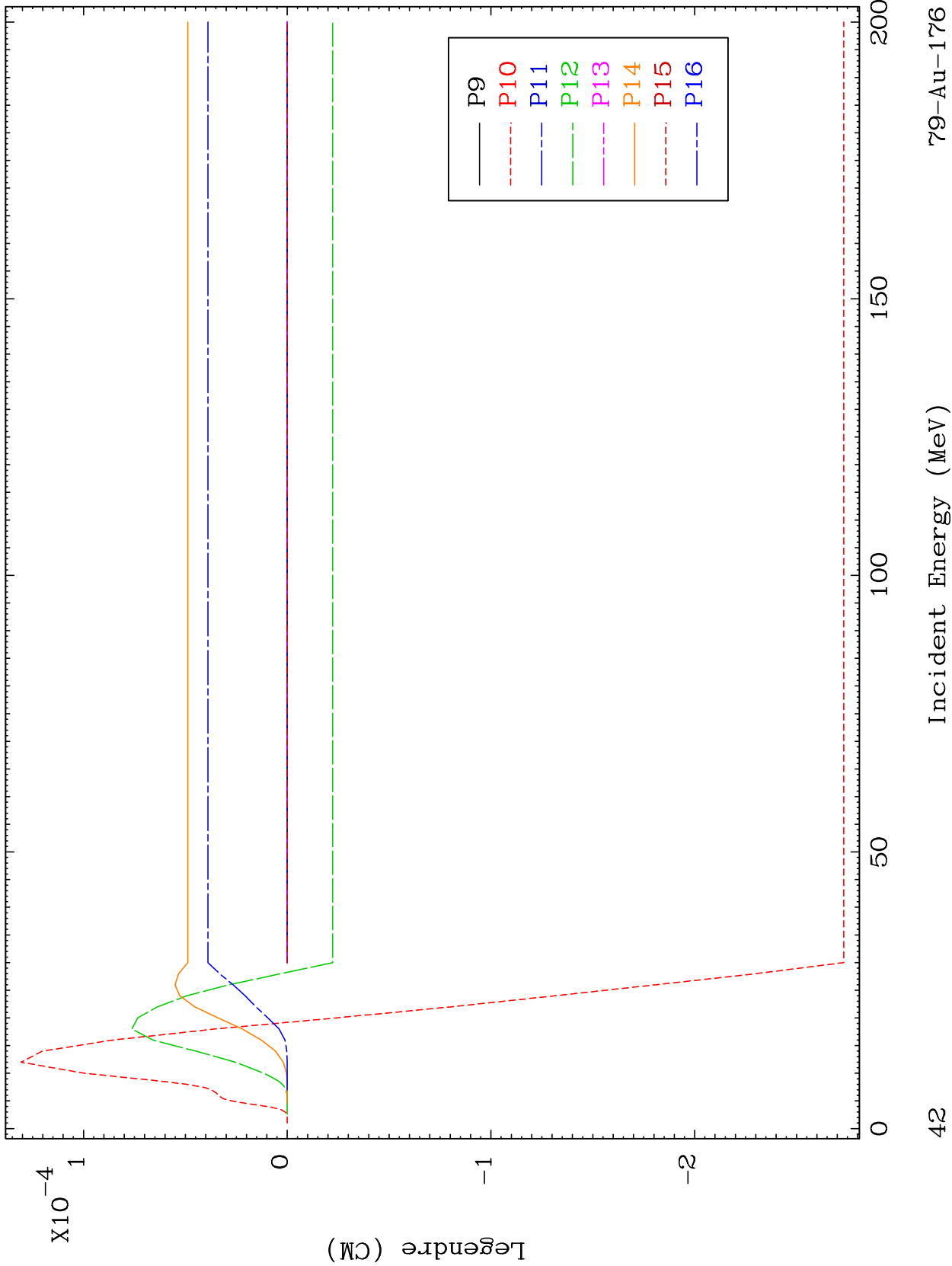
Incident Energy (MeV)

41

MAT 7862

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

79-Au-176



79-Au-176

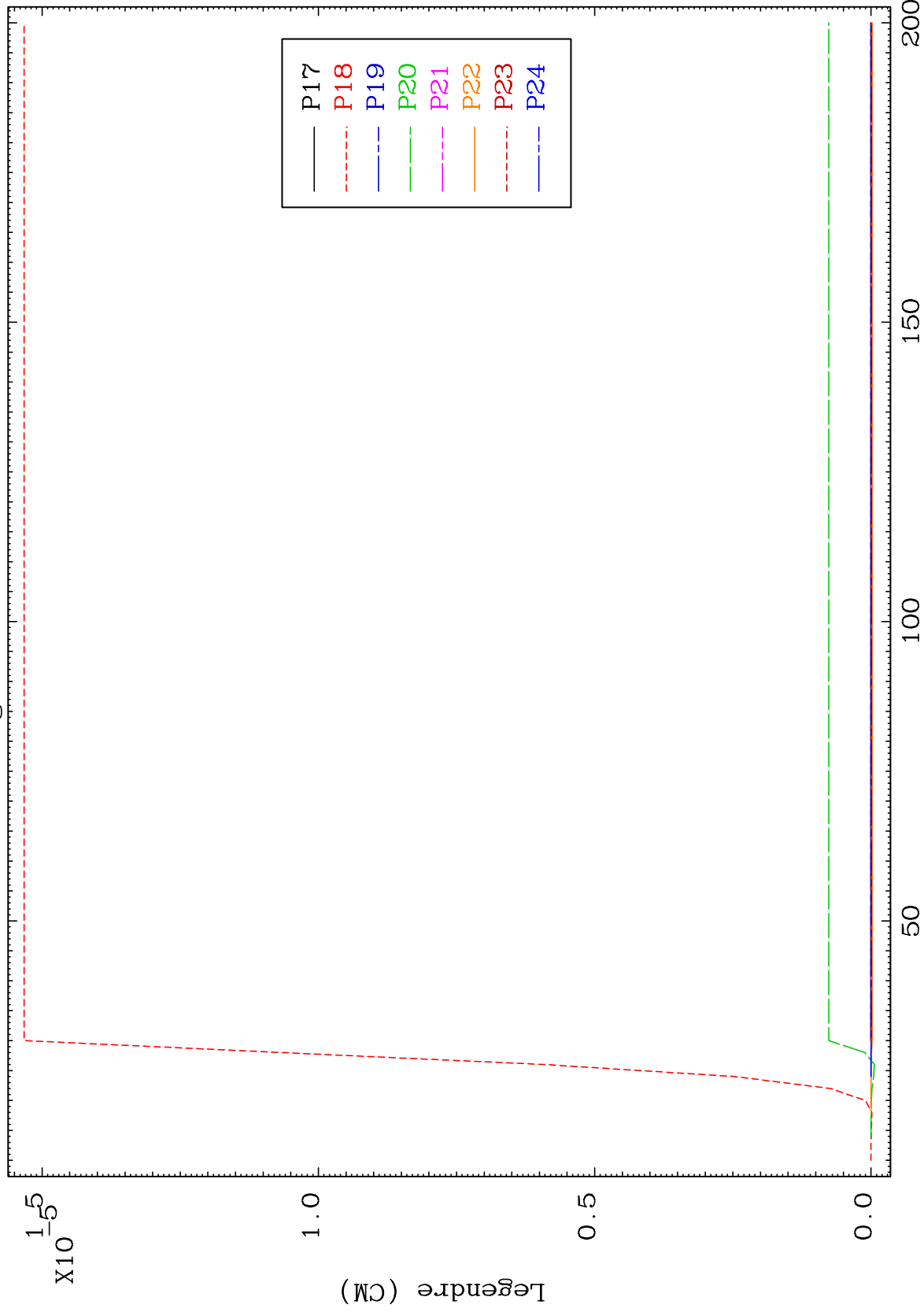
Incident Energy (MeV)

42

MAT 7862

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

79-Au-176



43

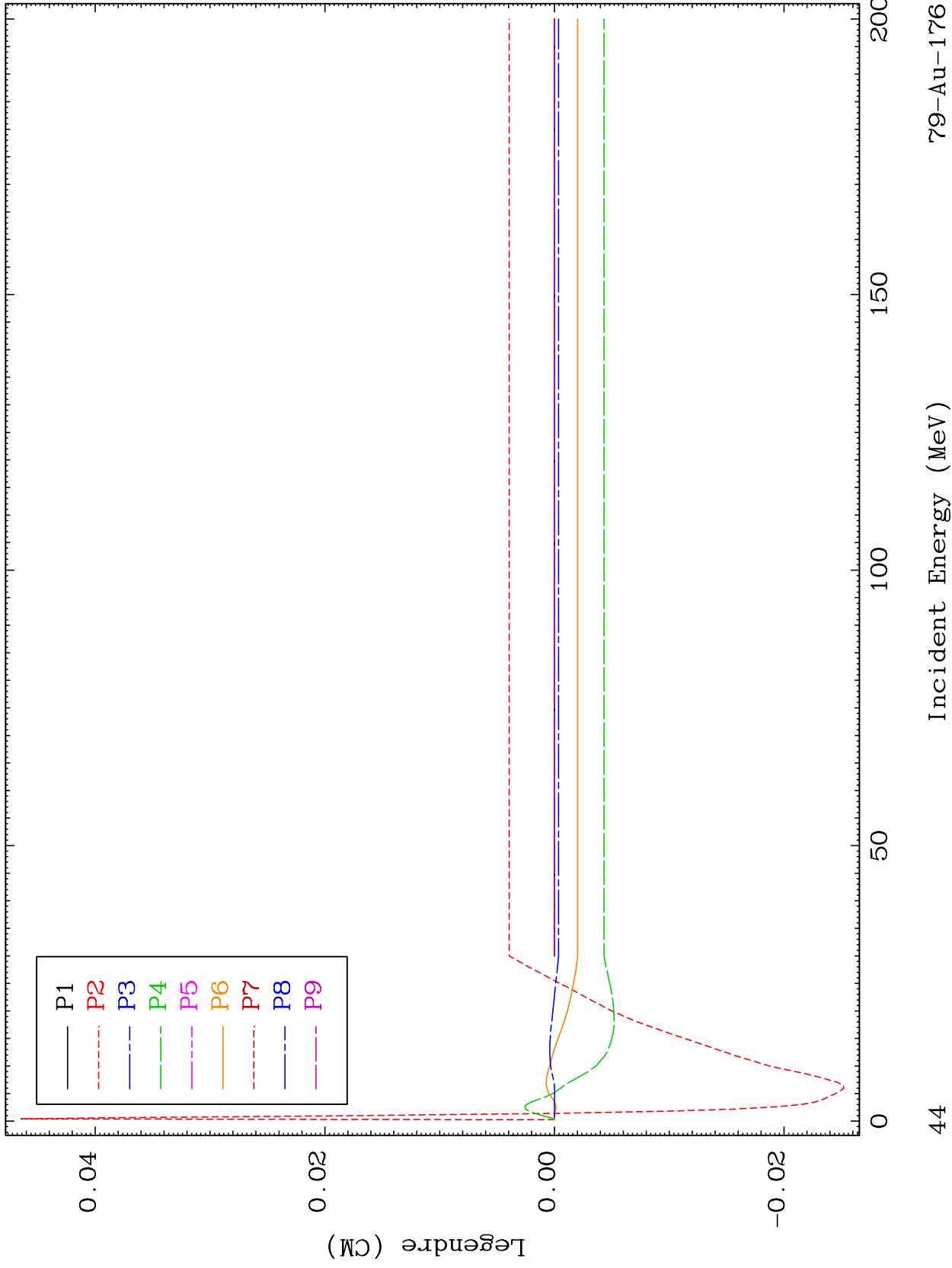
Incident Energy (MeV)

79-Au-176

MAT 7862

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

79-Au-176



79-Au-176

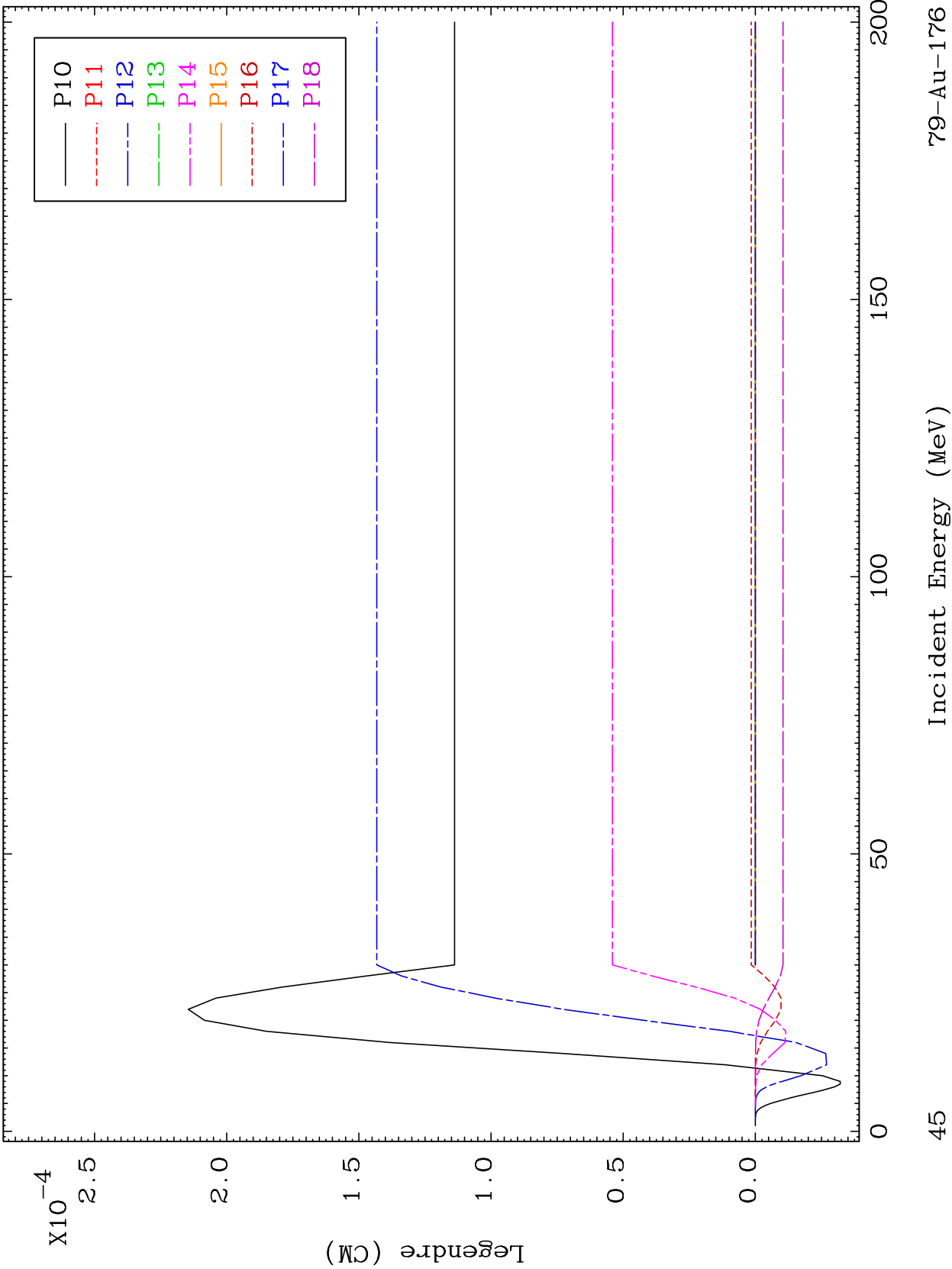
Incident Energy (MeV)

44

MAT 7862

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

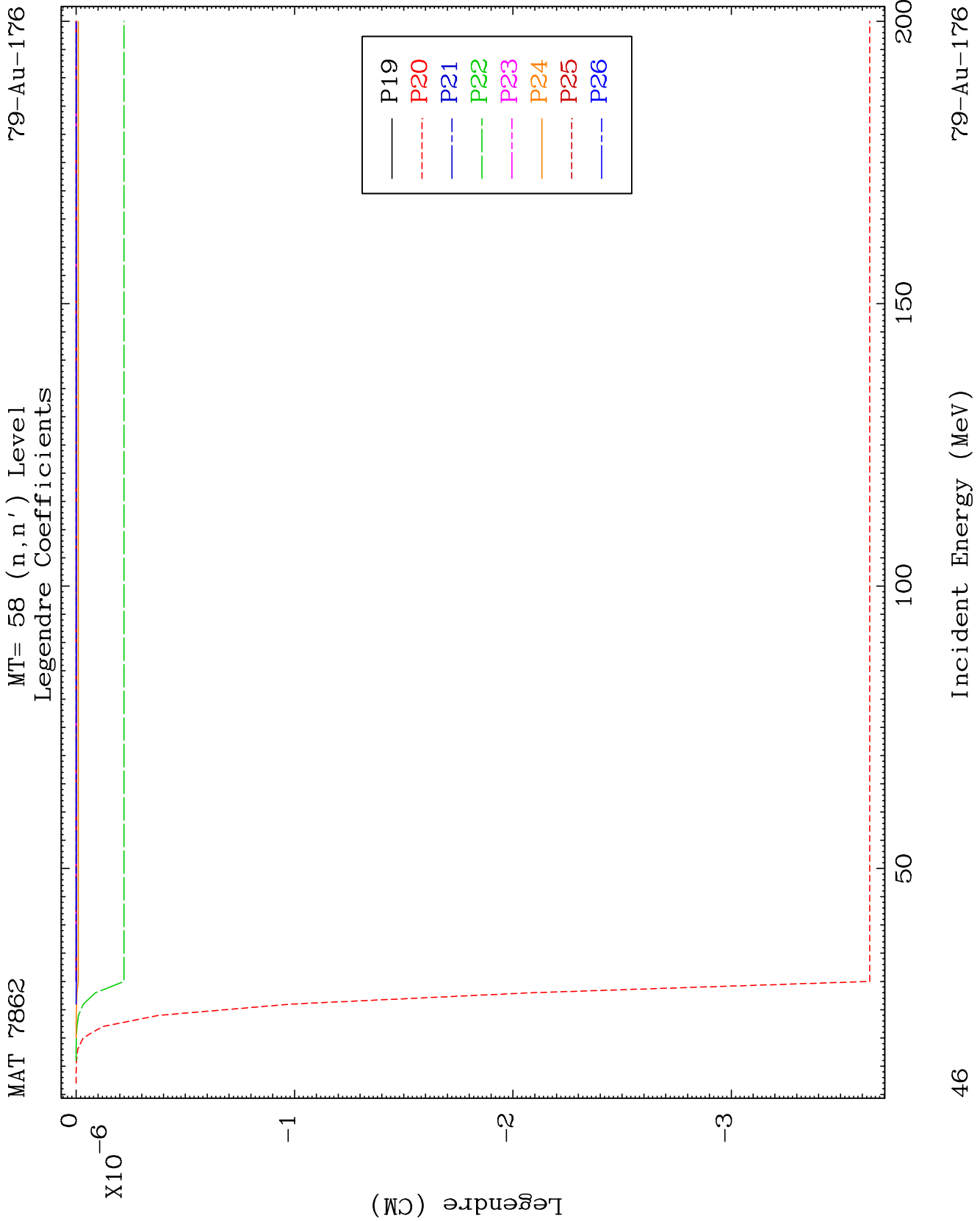
79-Au-176



79-Au-176

Incident Energy (MeV)

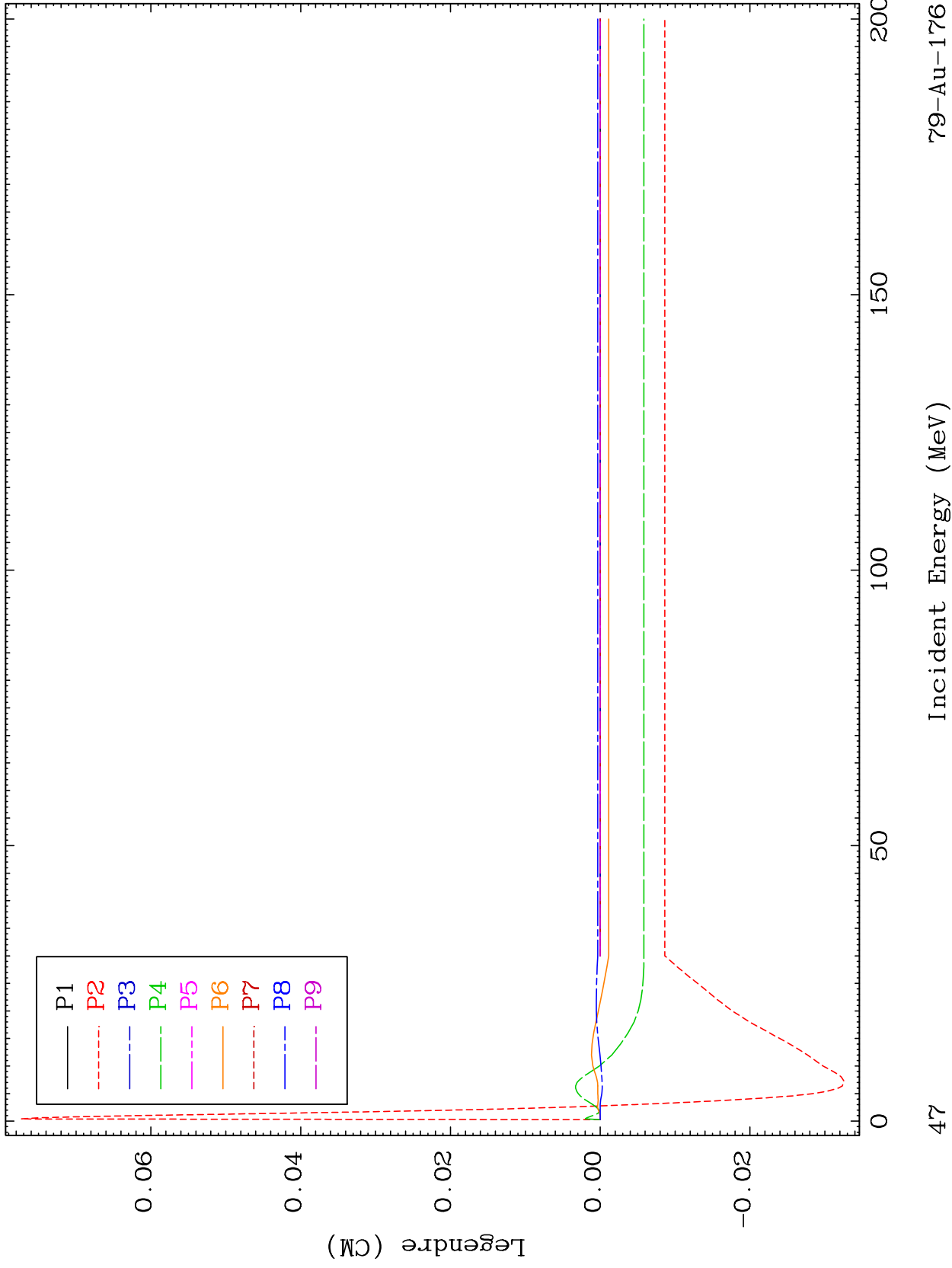
45



MAT 7862

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

79-Au-176



47

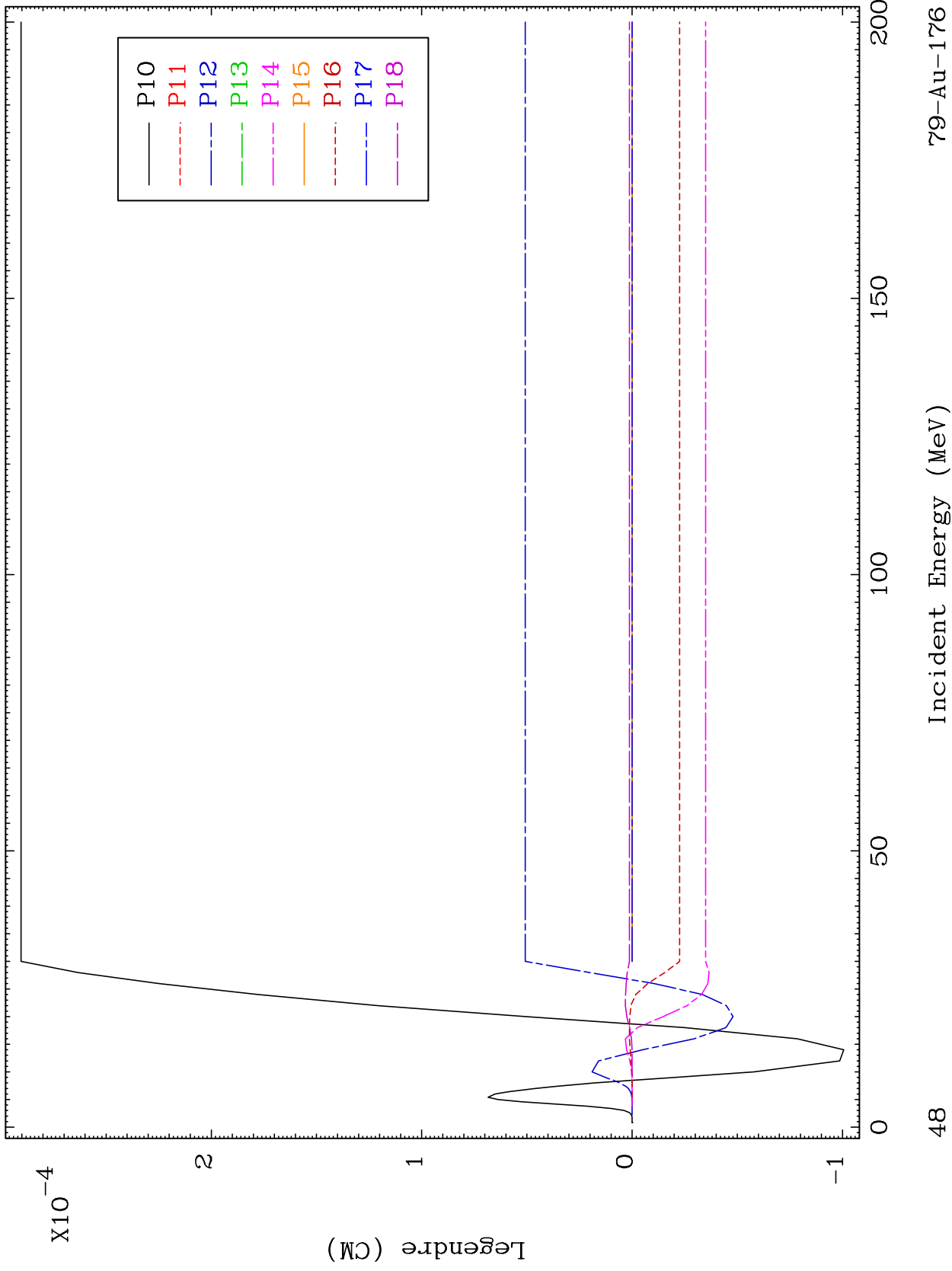
Incident Energy (MeV)

79-Au-176

MAT 7862

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

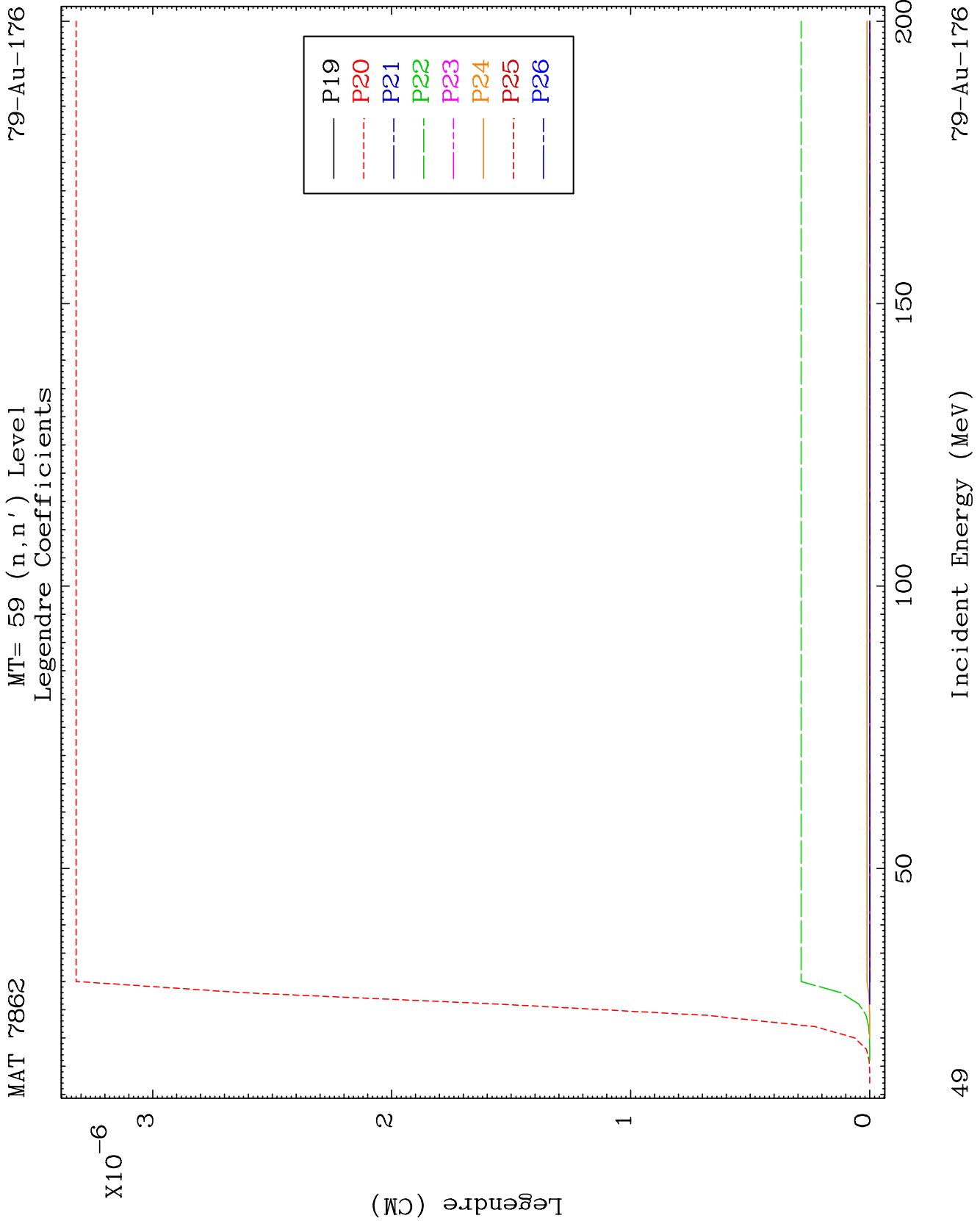
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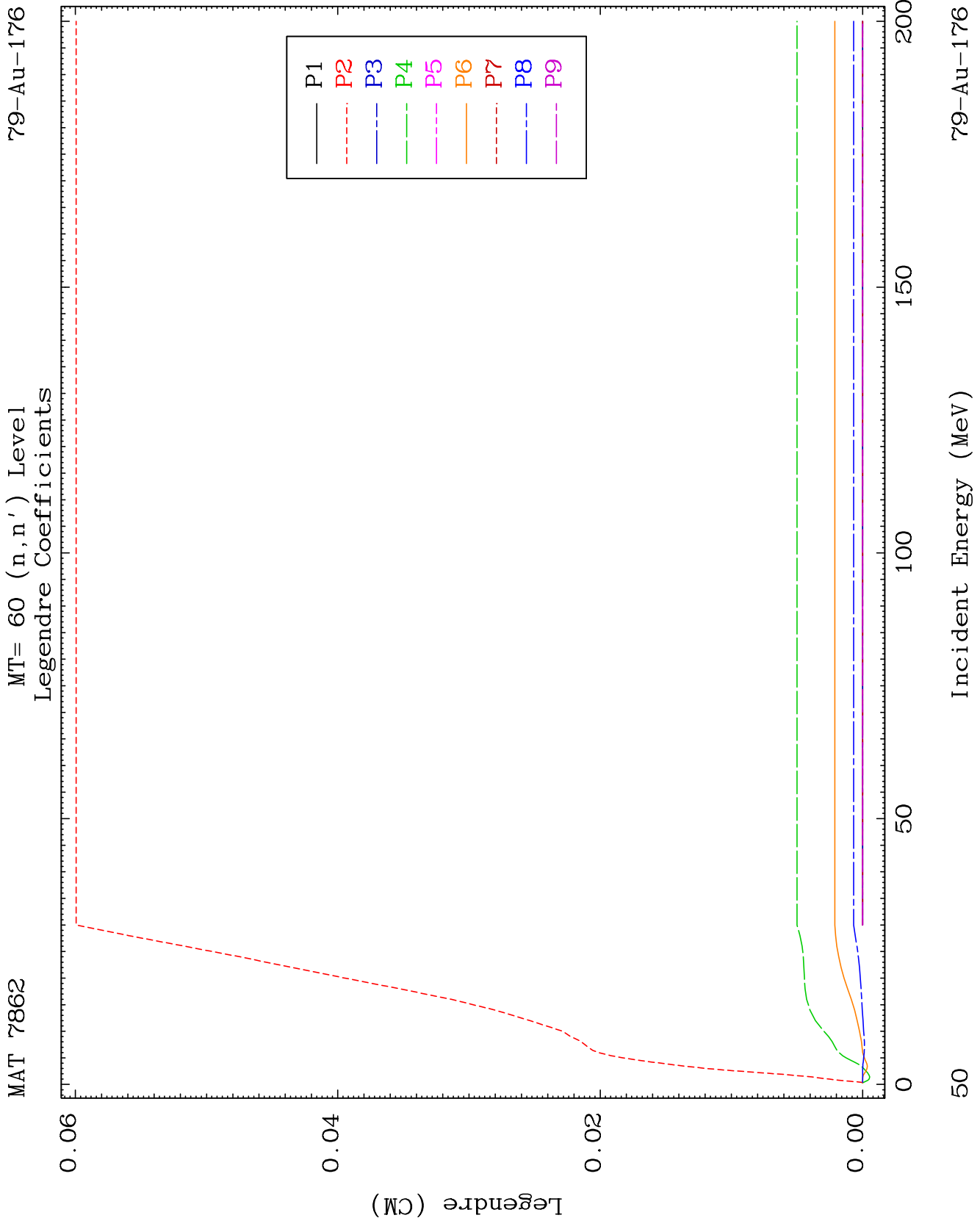


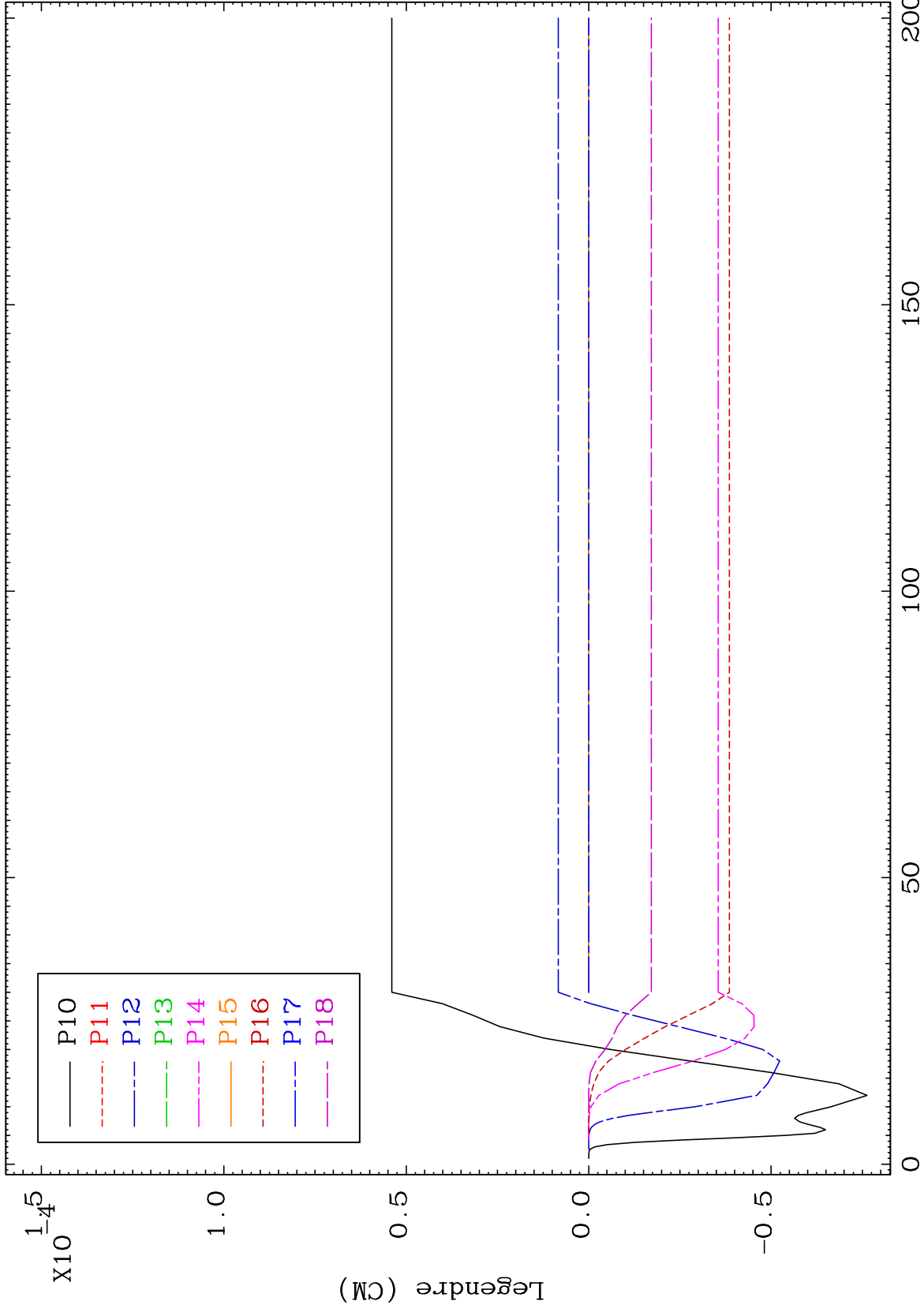
79-Au-176

Incident Energy (MeV)

48



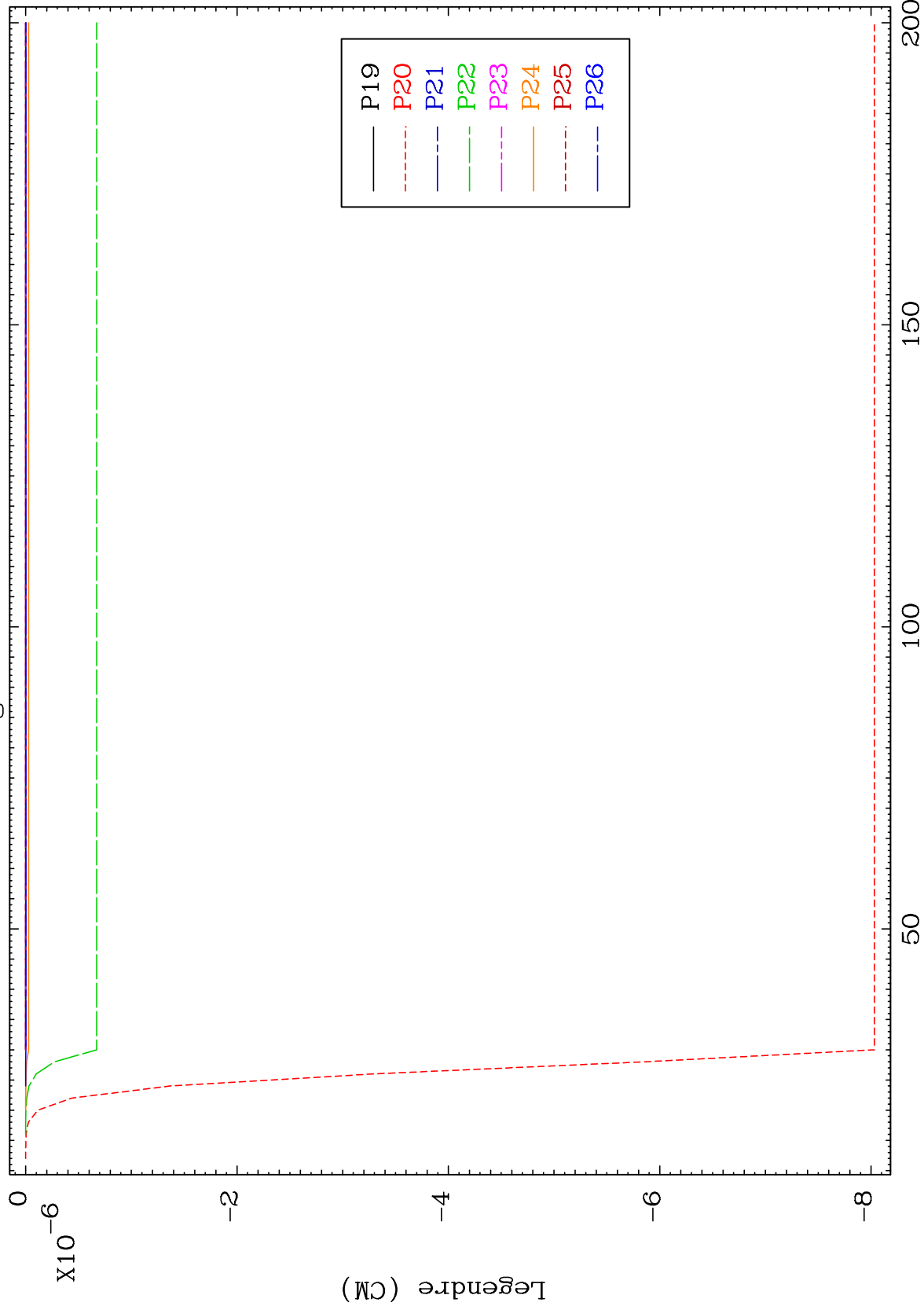




MAT 7862

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

79-Au-176



79-Au-176

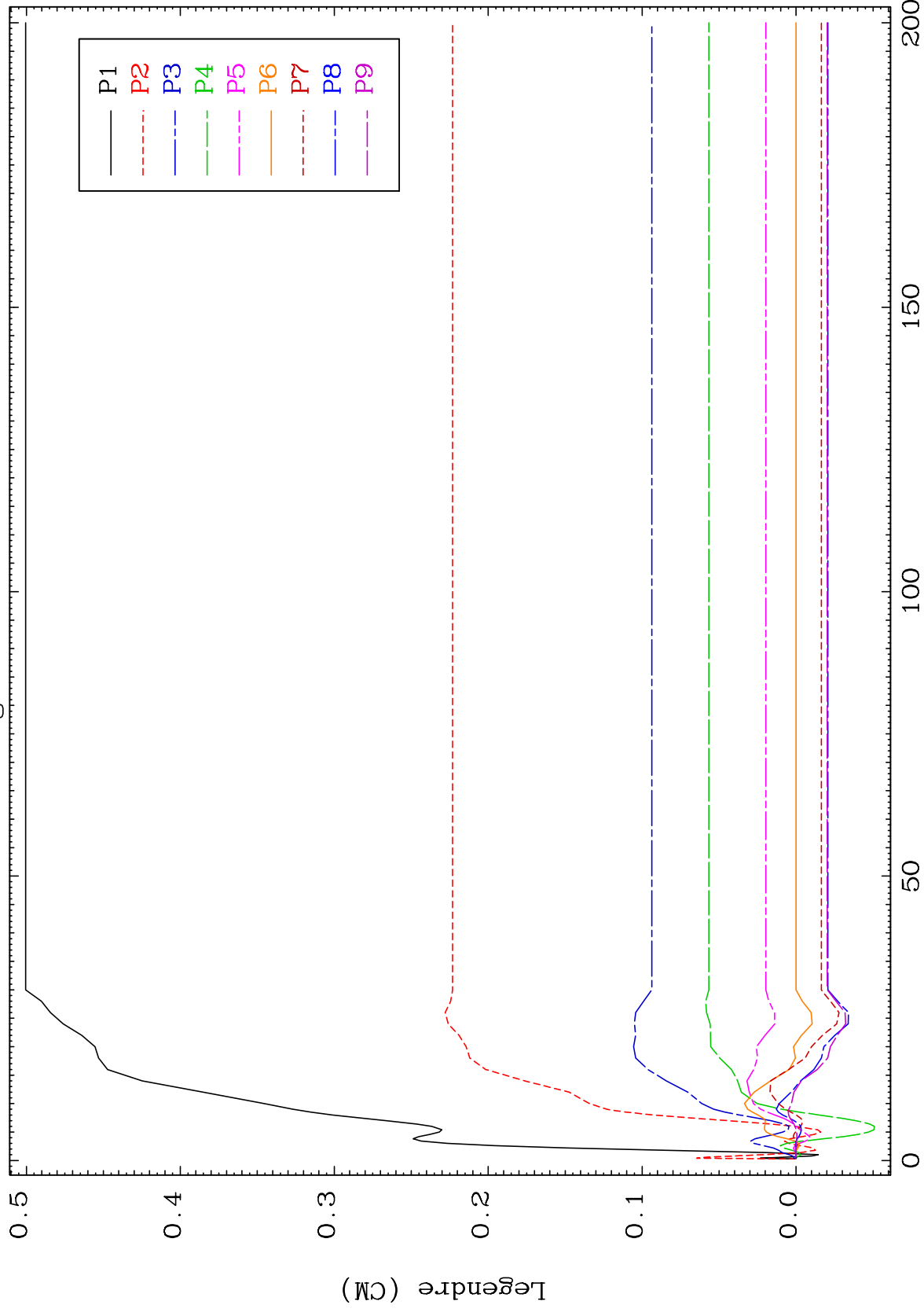
Incident Energy (MeV)

52

MAT 7862

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

79-Au-176



53

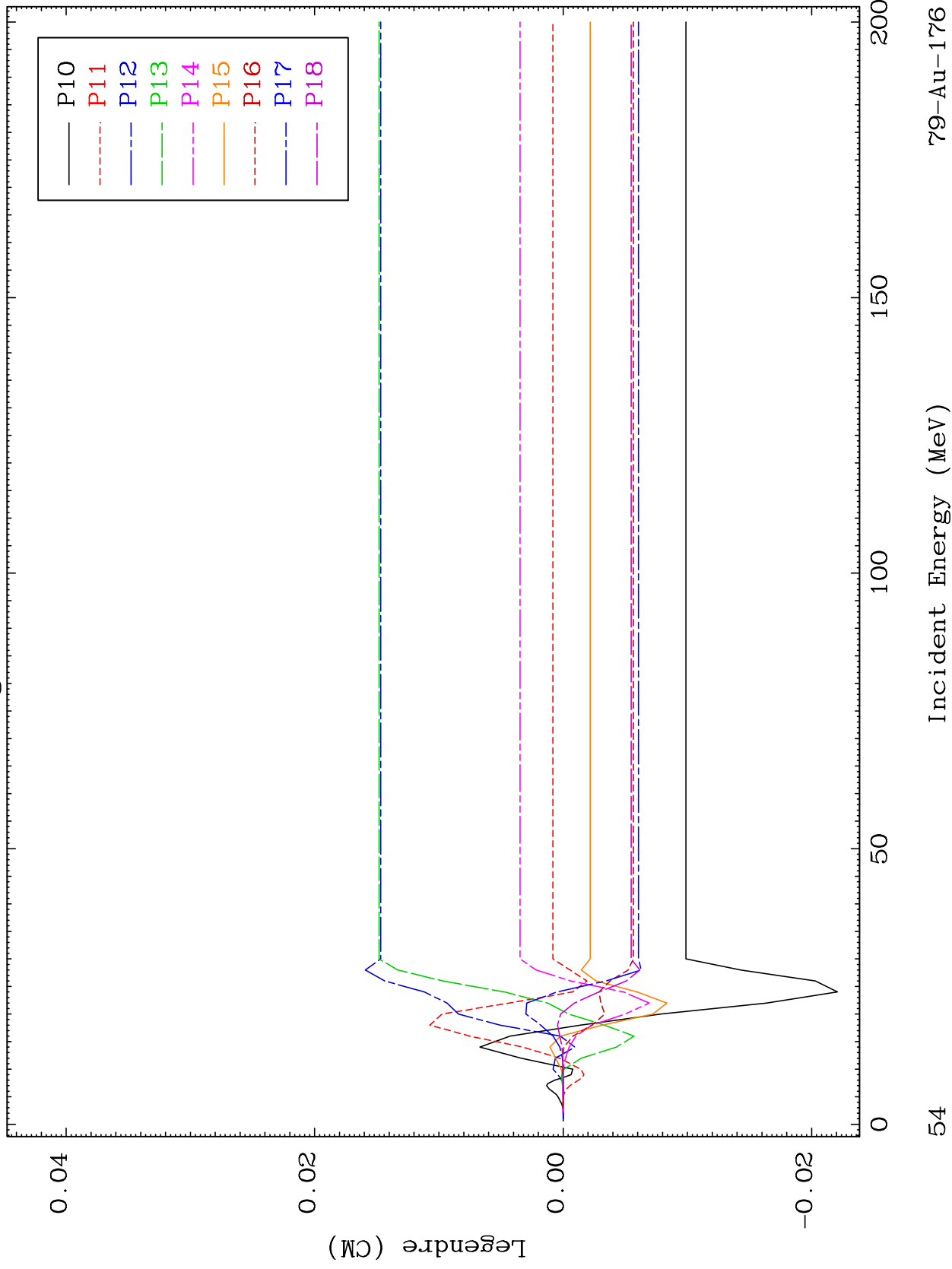
Incident Energy (MeV)

79-Au-176

MAT 7862

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

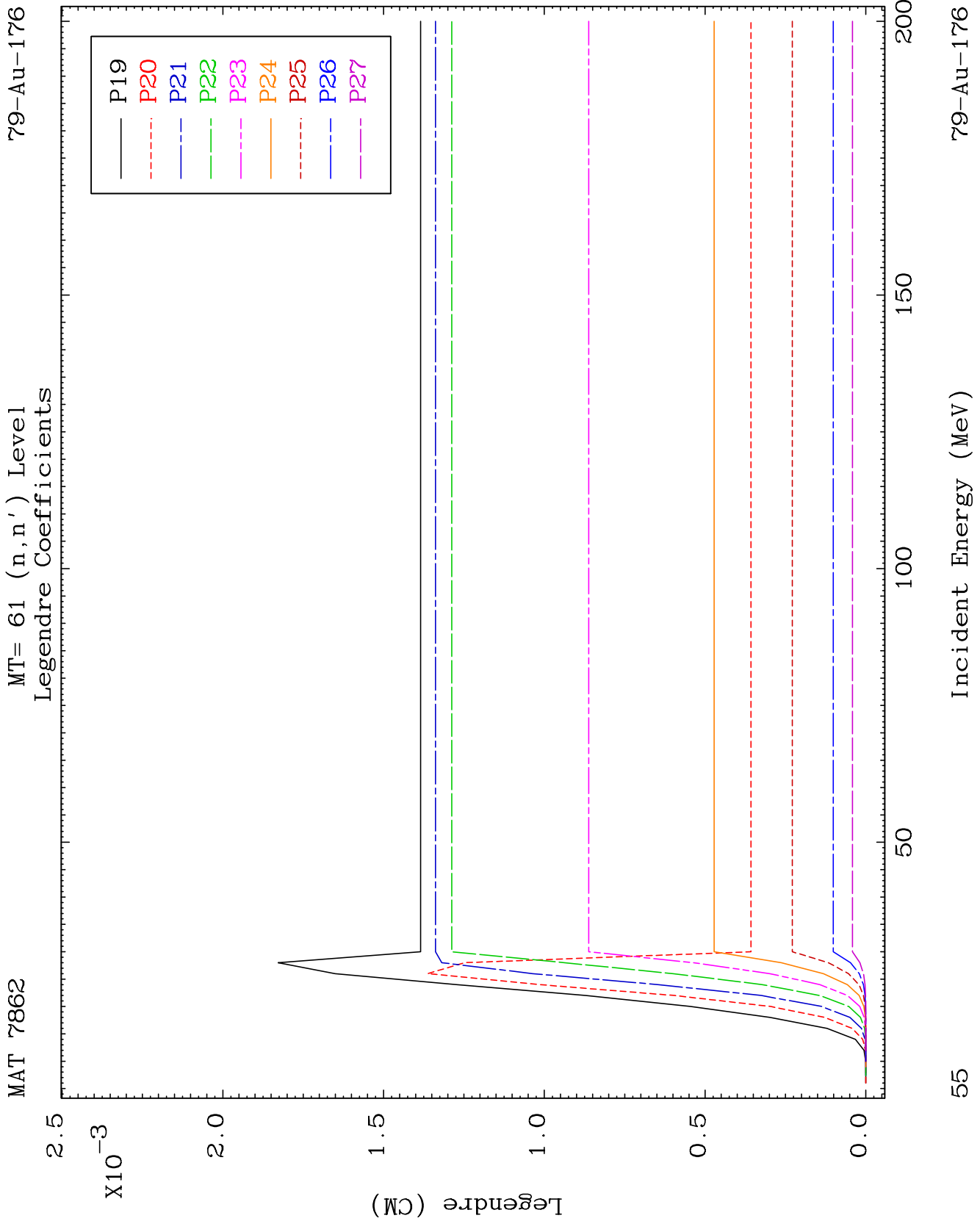
79-Au-176



79-Au-176

Incident Energy (MeV)

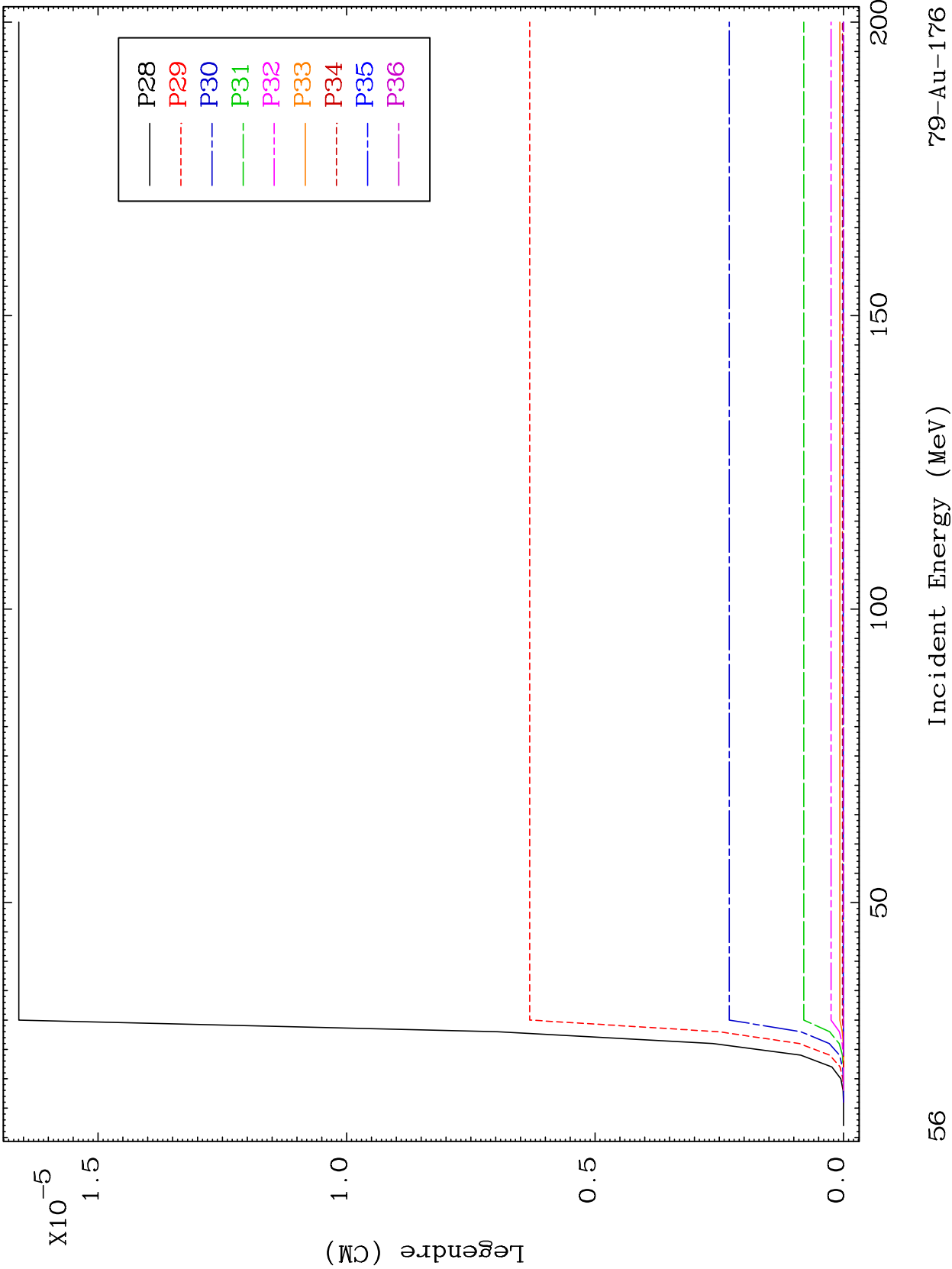
54



MAT 7862

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

79-Au-176



56

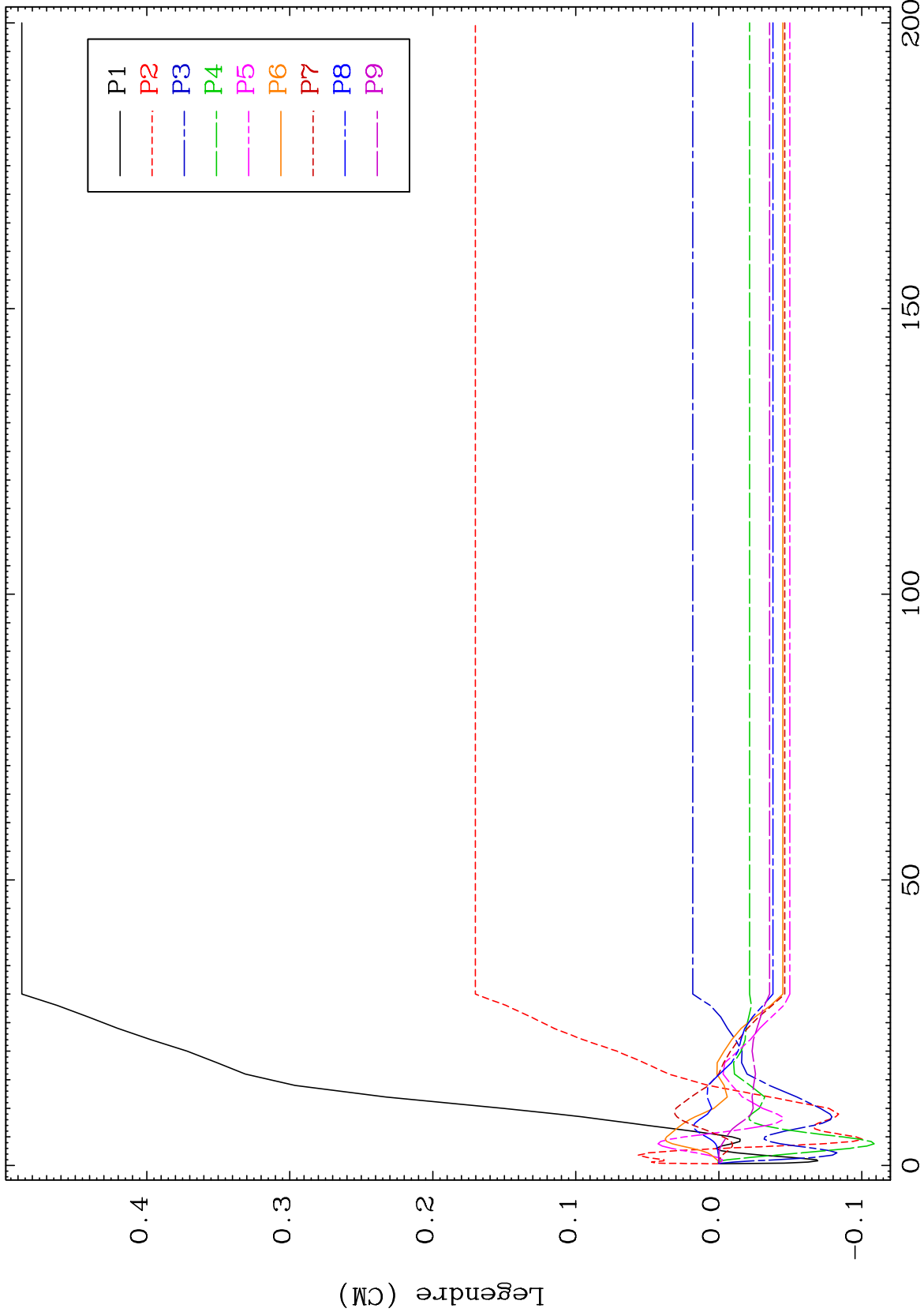
Incident Energy (MeV)

79-Au-176

MAT 7862

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

79-Au-176



79-Au-176

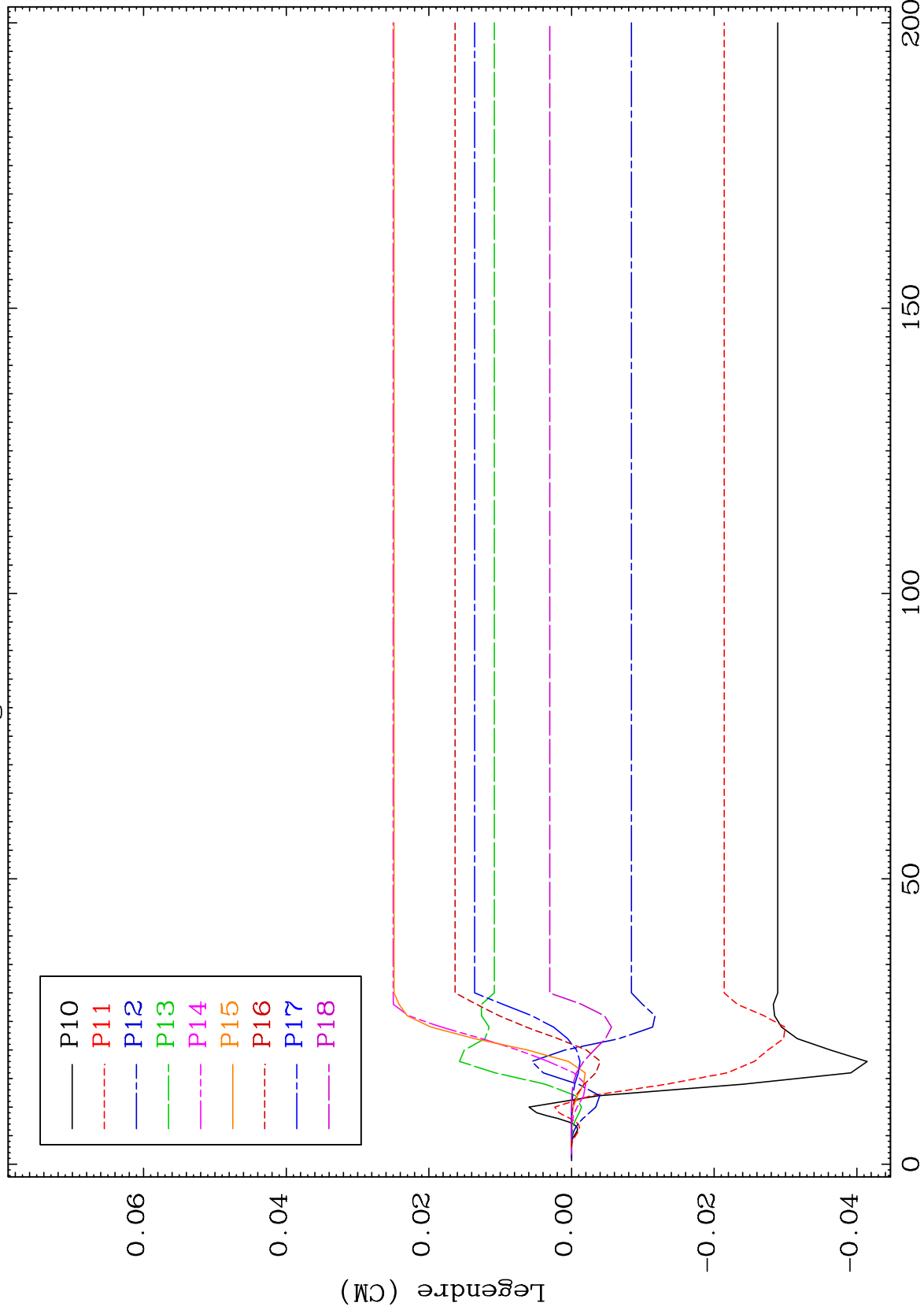
Incident Energy (MeV)

57

MAT 7862

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

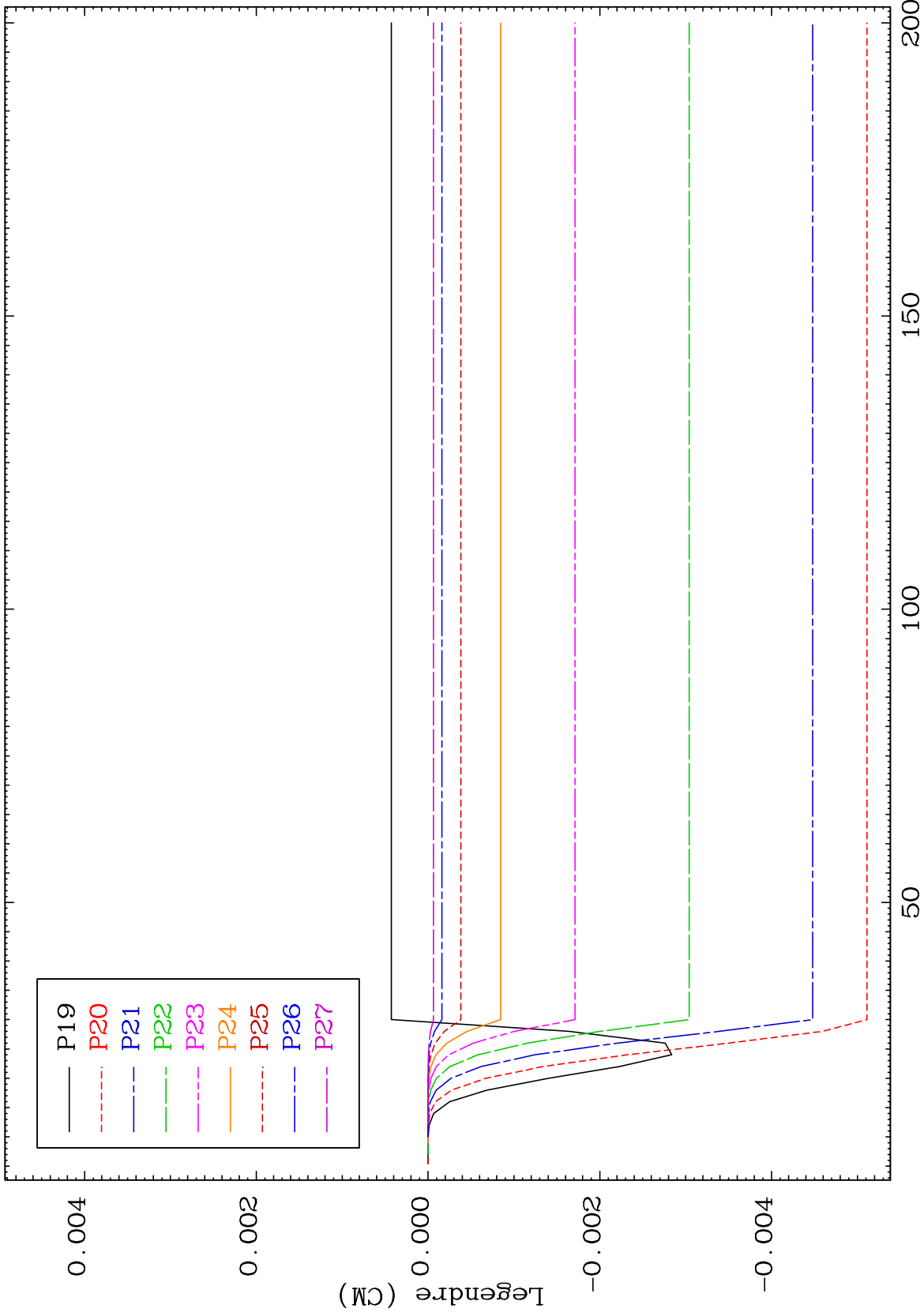
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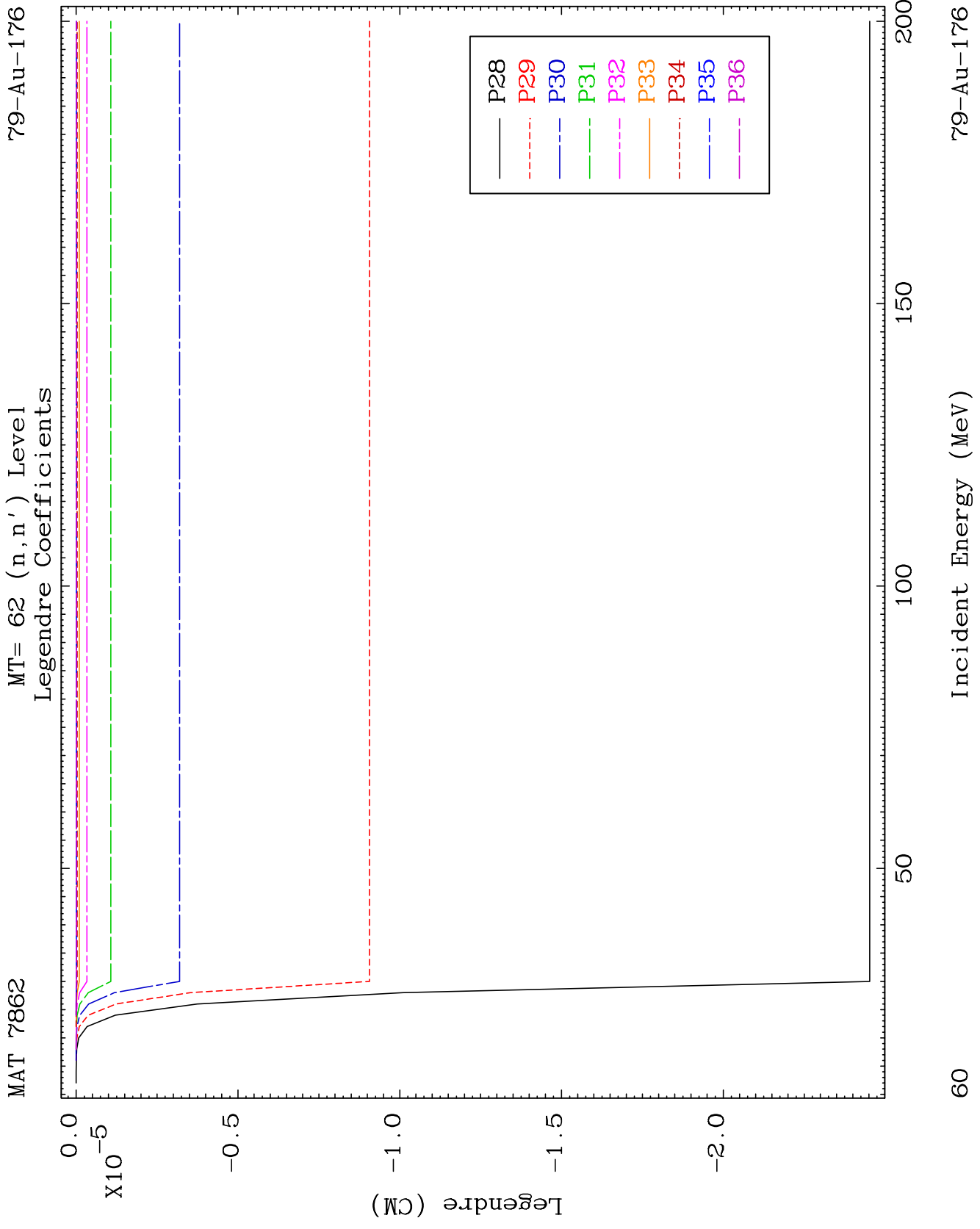


58

Incident Energy (MeV)

79-Au-176

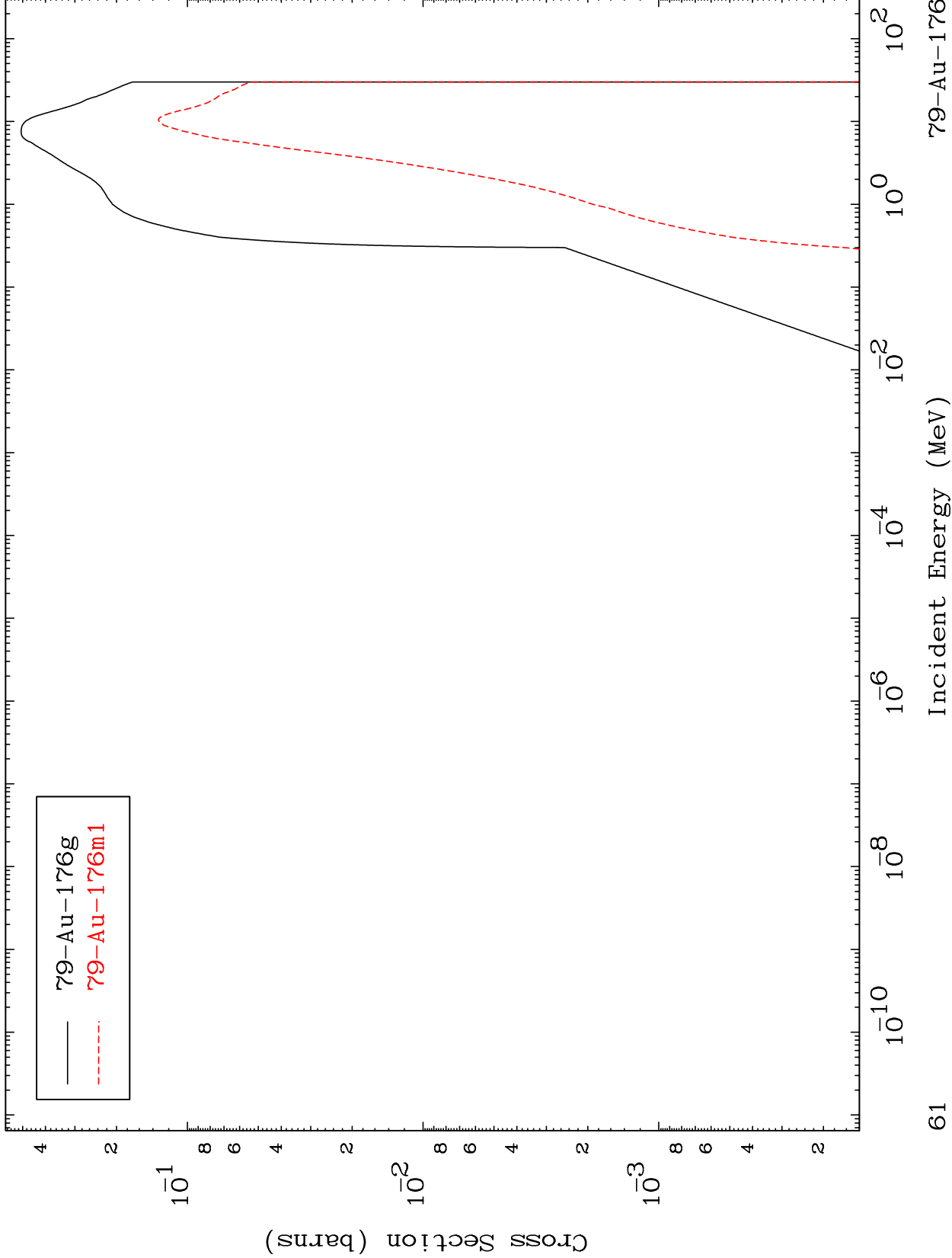




MAT 7862

Inelastic
Radionuclide Production Cross Section

⁷⁹Au-176



— ⁷⁹Au-176g
- - - ⁷⁹Au-176m1

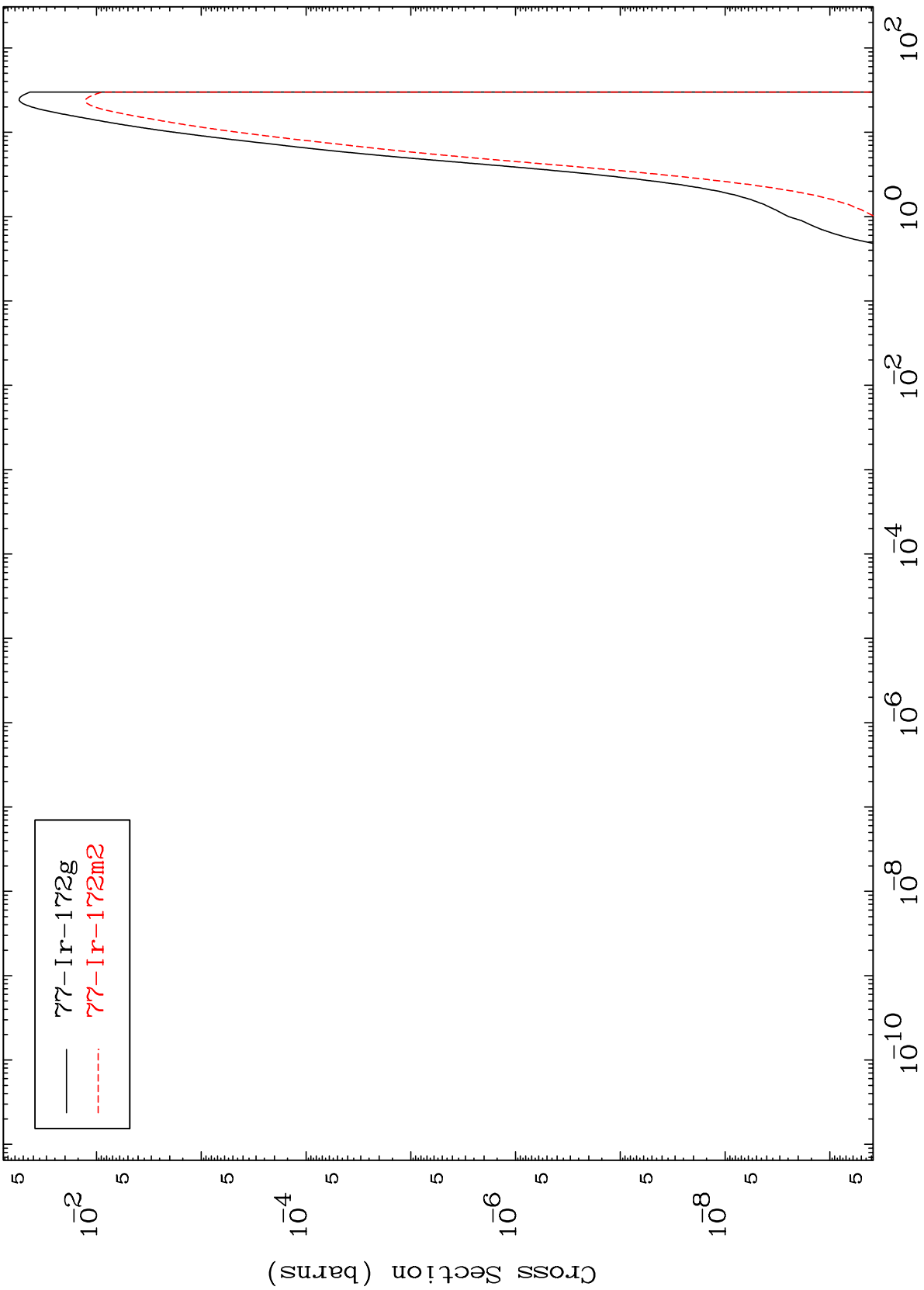
⁷⁹Au-176

MAT 7862

(n, n') α

$^{79}\text{Au-176}$

Radionuclide Production Cross Section



— $^{77}\text{Ir-172g}$
- - - $^{77}\text{Ir-172m2}$

62

Incident Energy (MeV)

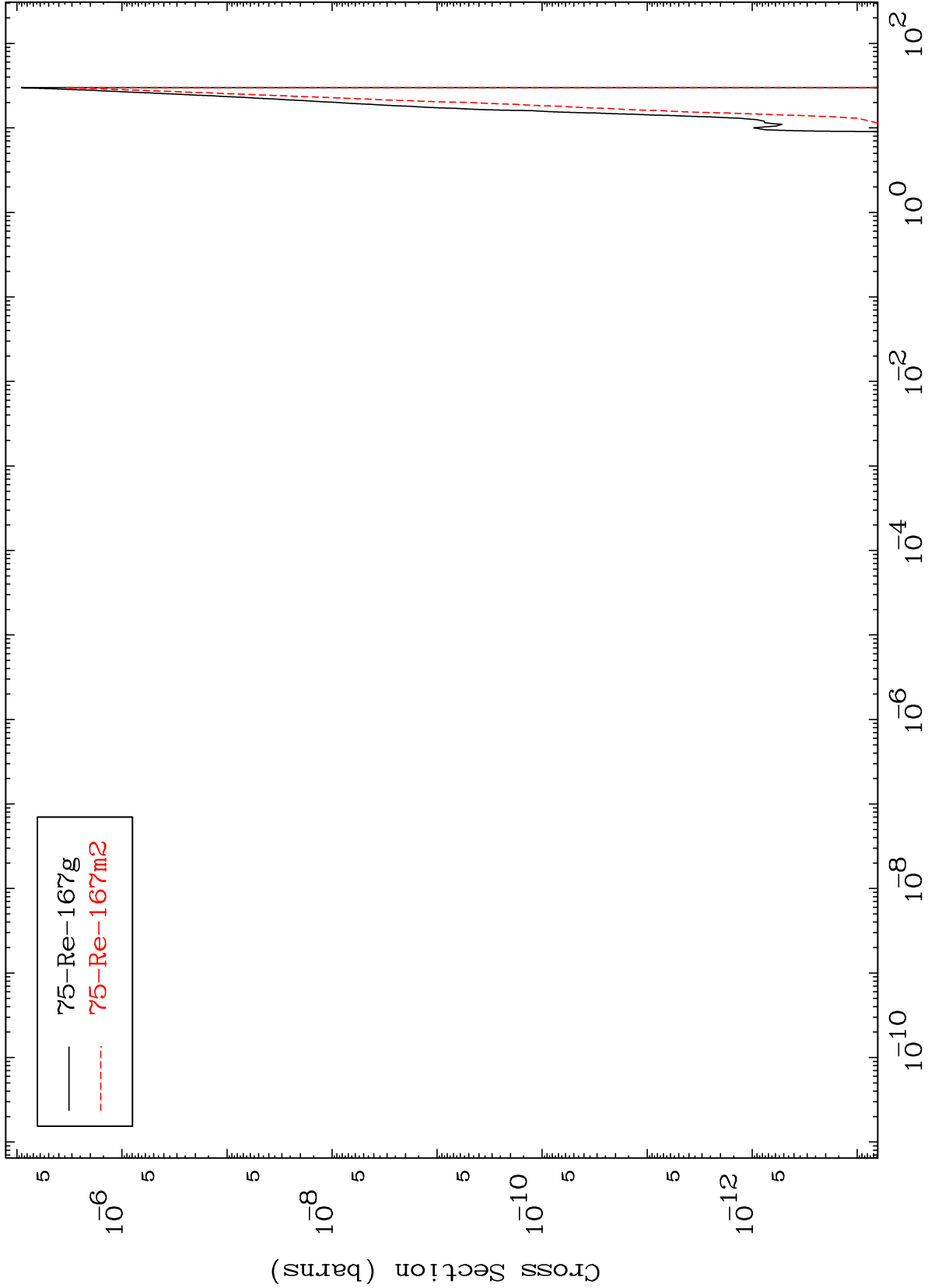
$^{79}\text{Au-176}$

MAT 7862

(n,2n) 2 α

79-Au-176

Radionuclide Production Cross Section



64

Incident Energy (MeV)

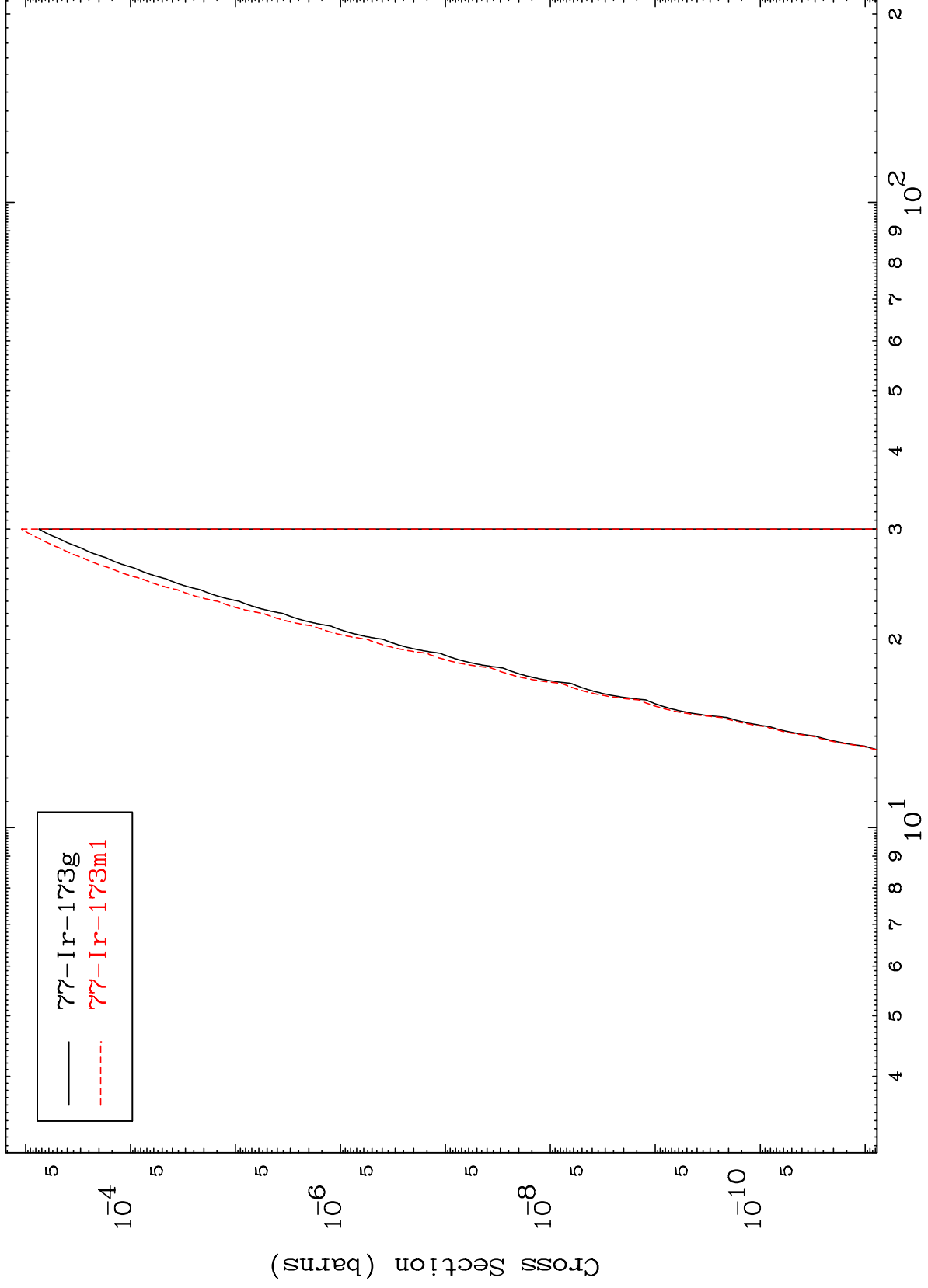
79-Au-176

MAT 7862

(n,n') He-3

79-Au-176

Radionuclide Production Cross Section



65

Incident Energy (MeV)

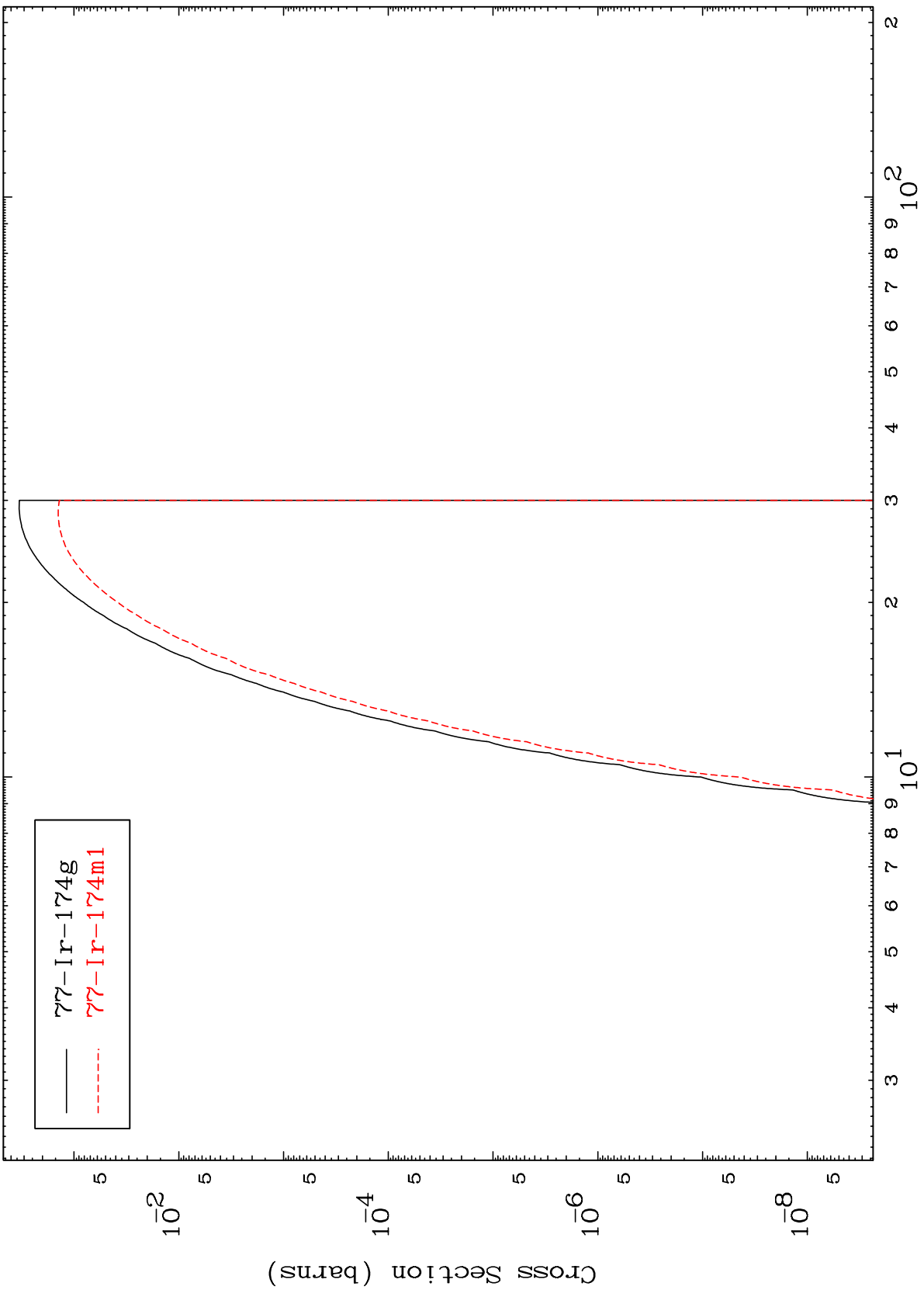
79-Au-176

MAT 7862

(n,2n) p

79-Au-176

Radionuclide Production Cross Section



66

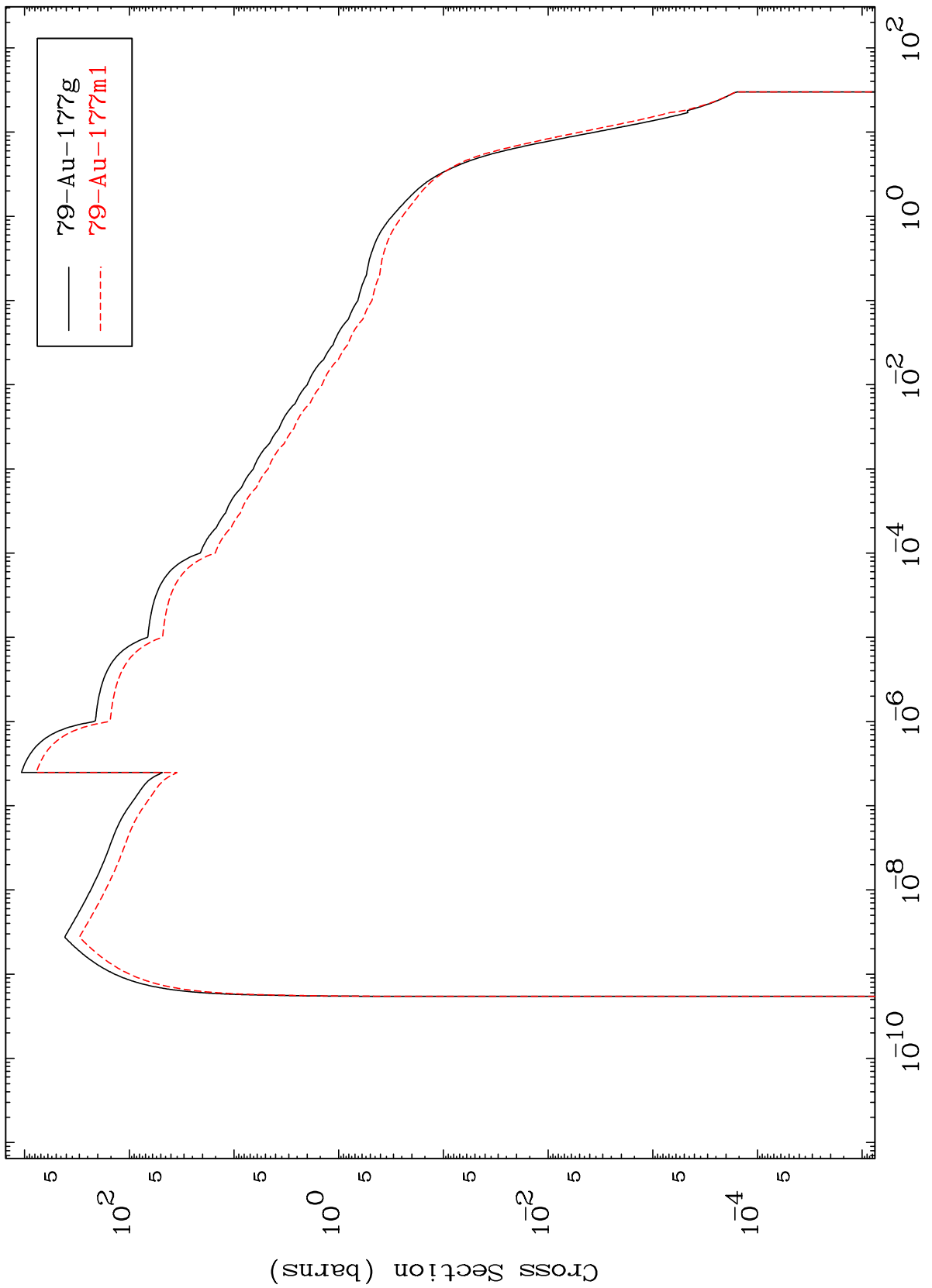
Incident Energy (MeV)

79-Au-176

MAT 7862

⁷⁹Au-176

(n,γ)
Radionuclide Production Cross Section



67

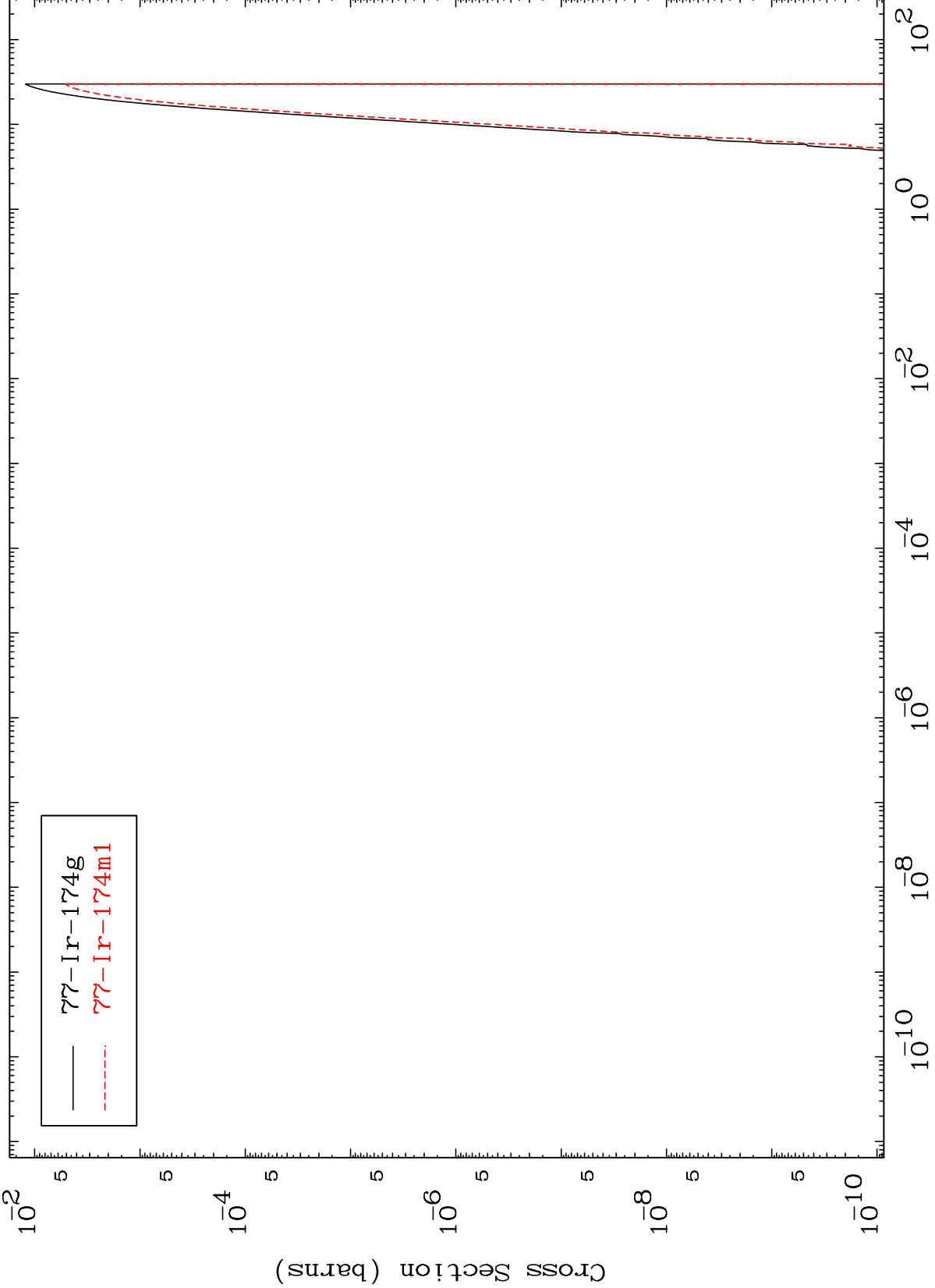
⁷⁹Au-176

MAT 7862

(n,He-3)

79-Au-176

Radionuclide Production Cross Section

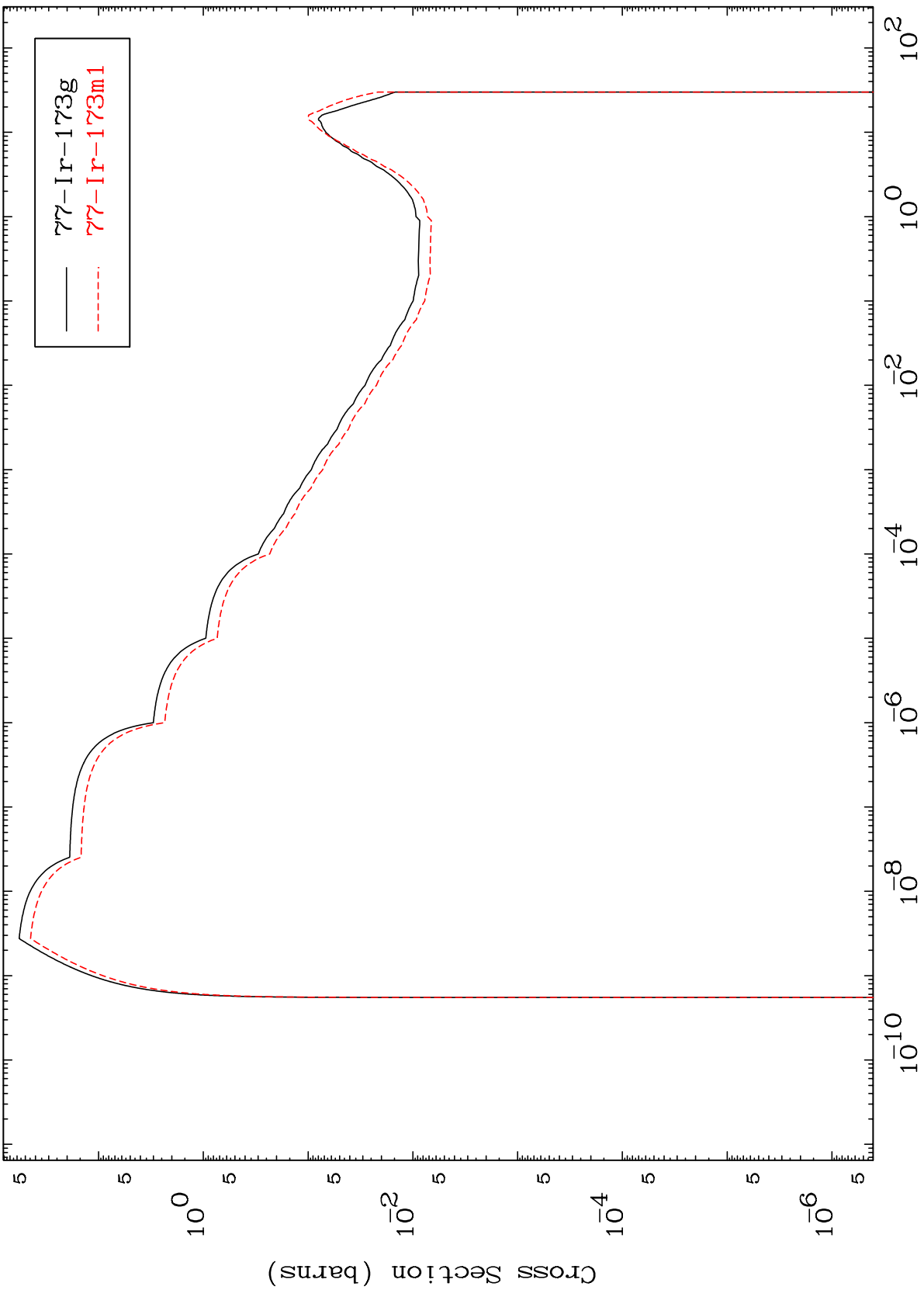


— $^{77}\text{Ir-174g}$
- - - $^{77}\text{Ir-174m1}$

MAT 7862

79-Au-176

(n, α)
Radionuclide Production Cross Section



69

79-Au-176

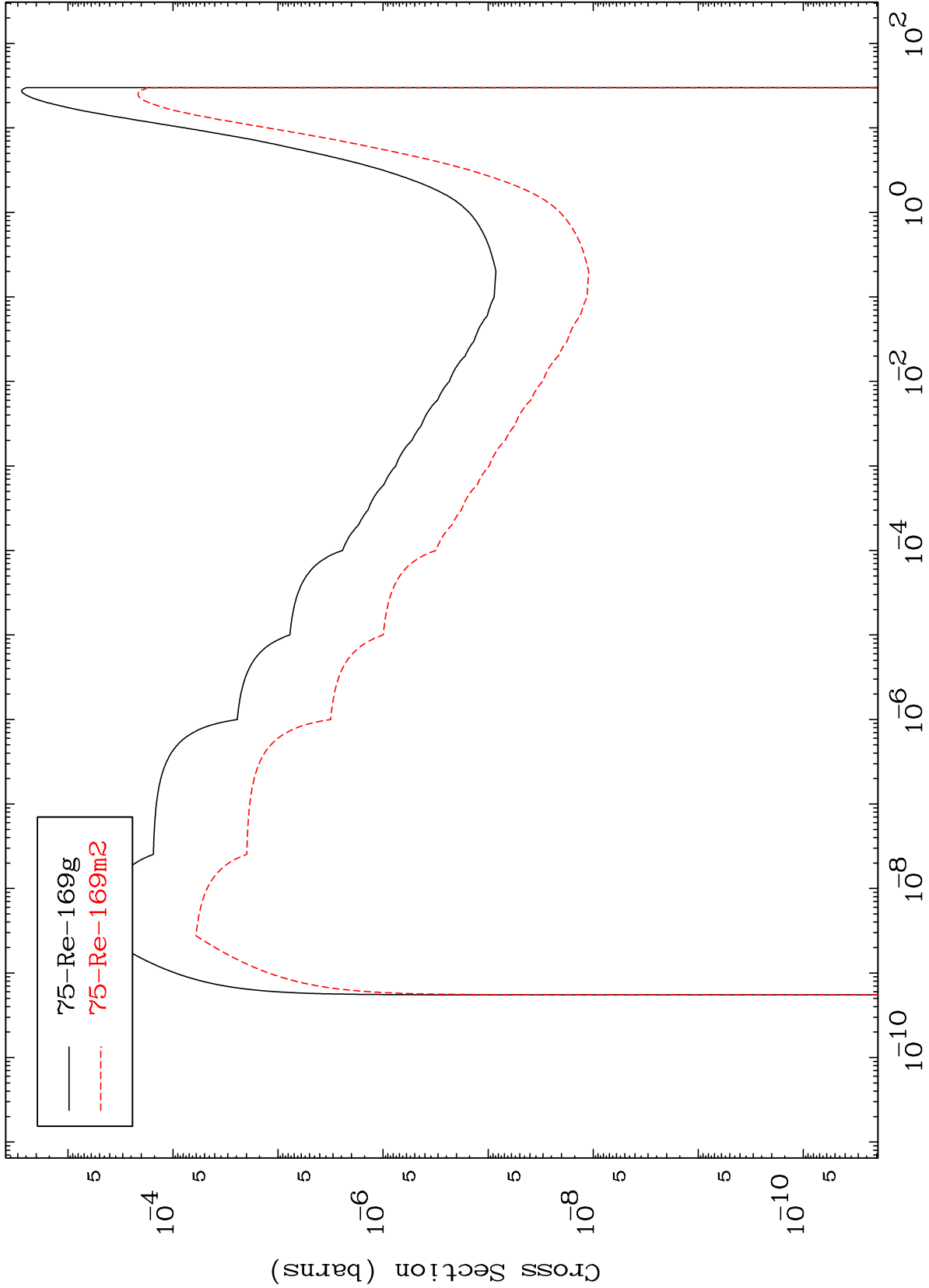
Incident Energy (MeV)

MAT 7862

(n,2α)

79-Au-176

Radionuclide Production Cross Section



75-Re-169g
75-Re-169m2

70

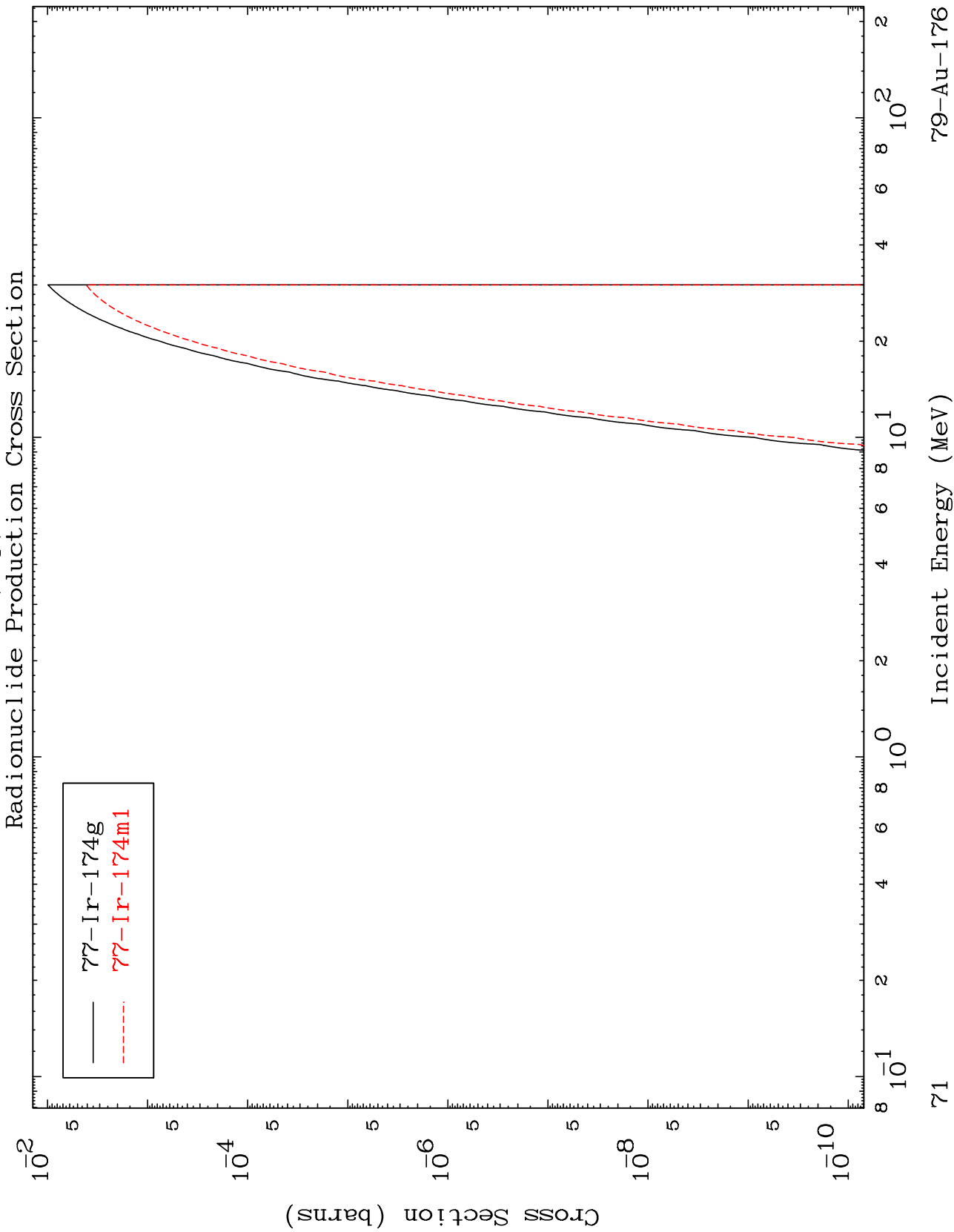
Incident Energy (MeV)

79-Au-176

MAT 7862

(n,p) d

⁷⁹Au-176



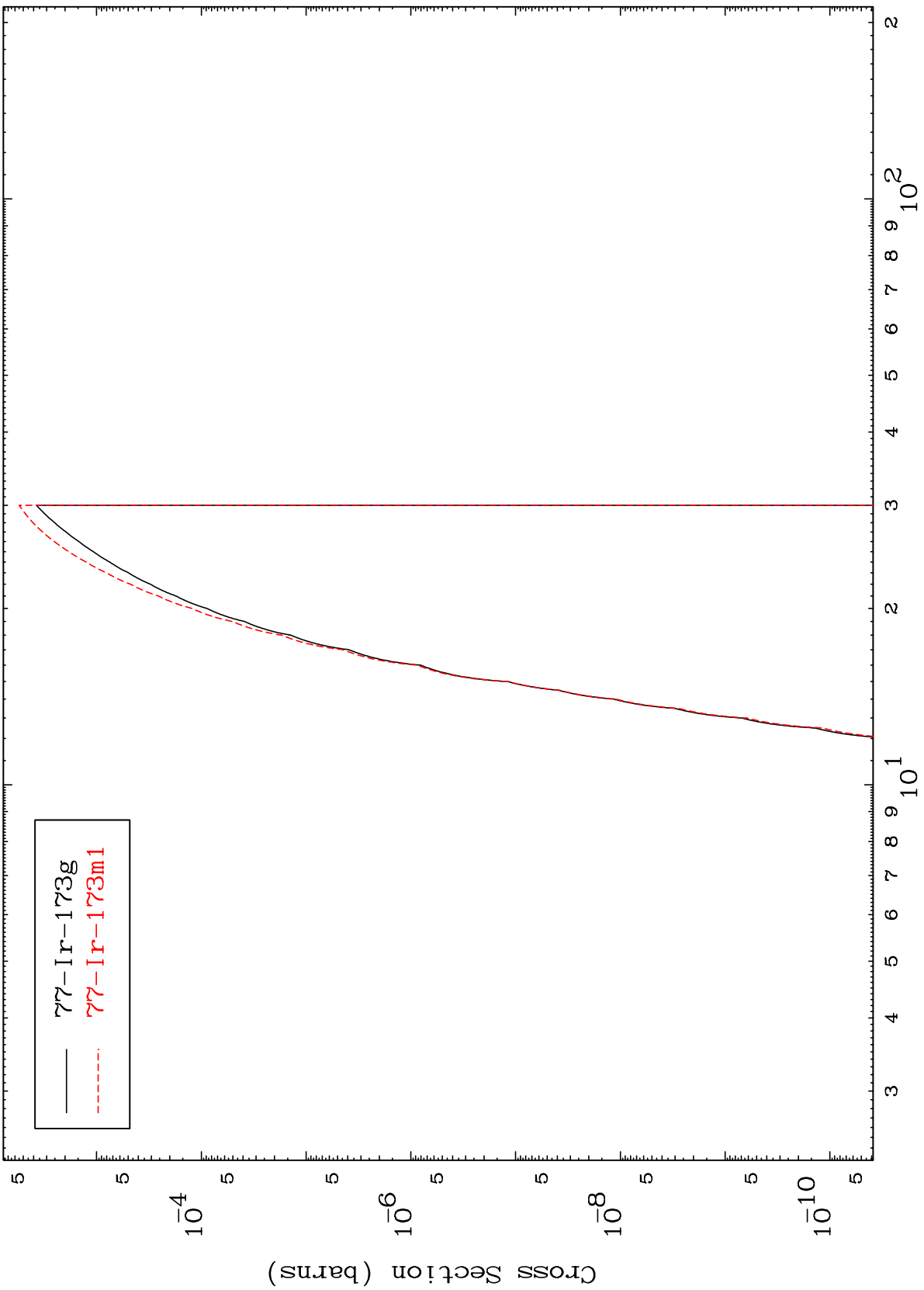
71

MAT 7862

(n,p) t

⁷⁹Au-176

Radionuclide Production Cross Section



— ⁷⁷Ir-173g
- - - ⁷⁷Ir-173m1

72

Incident Energy (MeV)

⁷⁹Au-176