

Program EVALPLOT
(Version 2018-1)

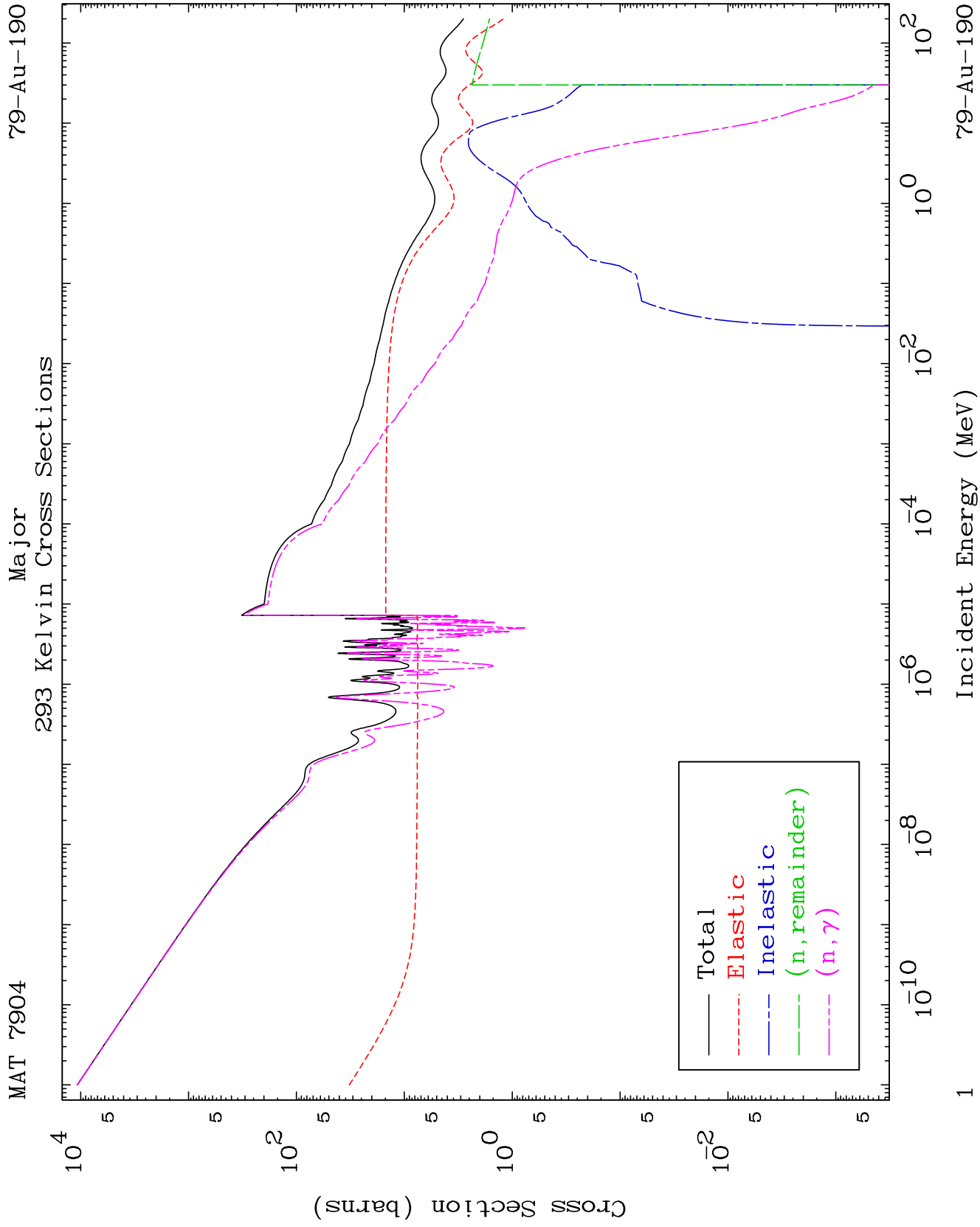
by

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

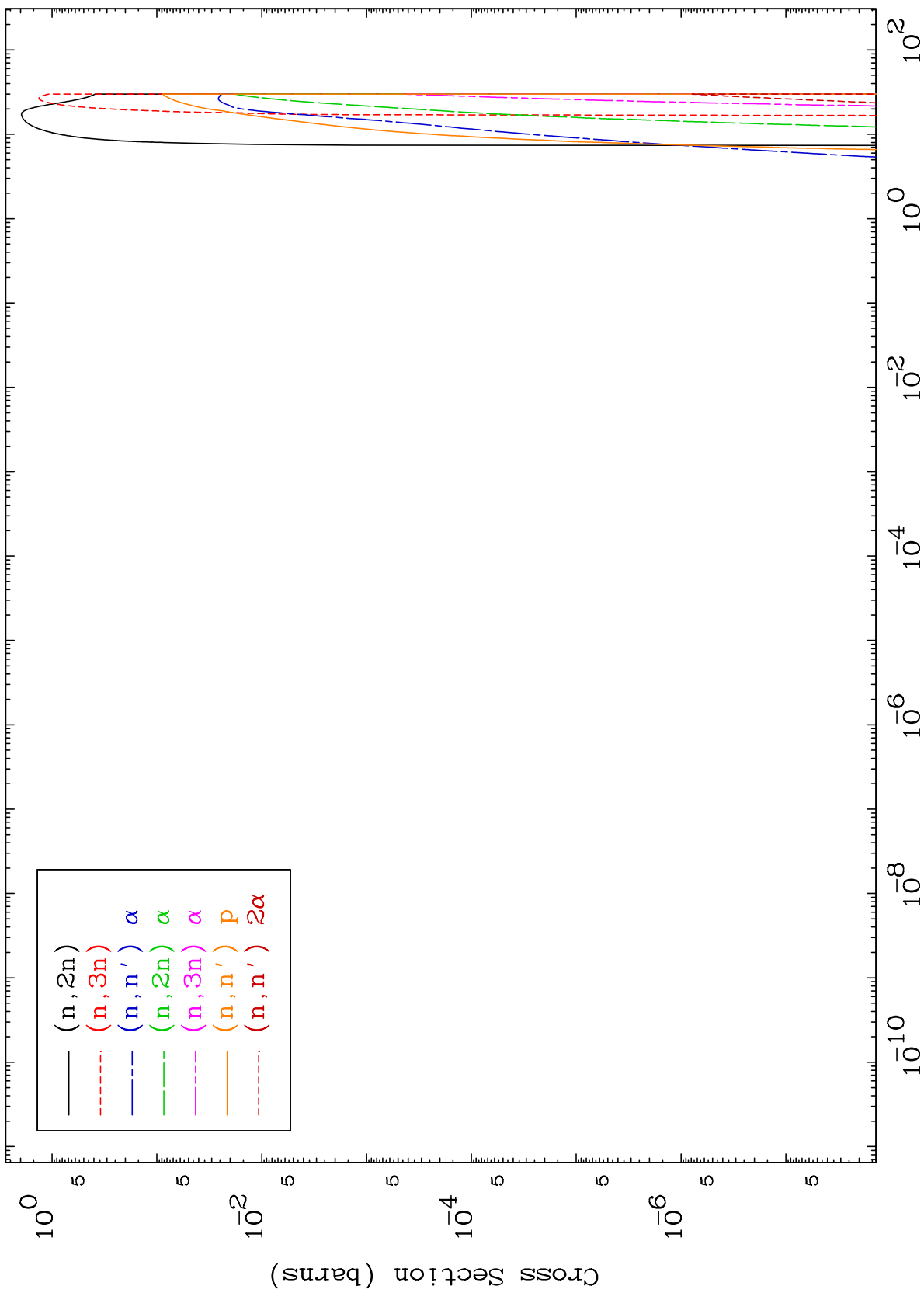
Press Mouse Button to Start



MAT 7904

Neutron Production
293 Kelvin Cross Sections

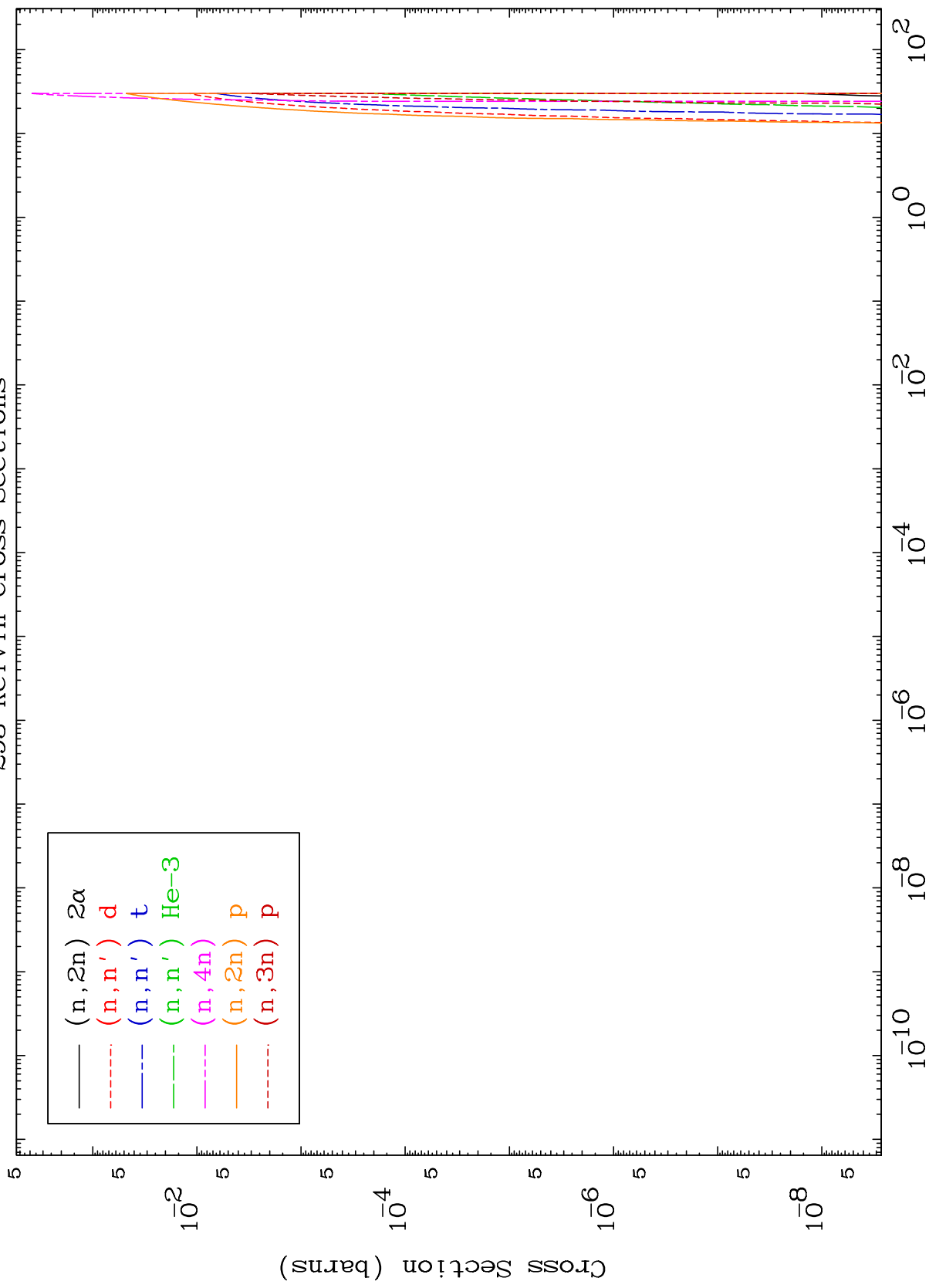
79-Au-190



MAT 7904

Neutron Production
293 Kelvin Cross Sections

79-Au-190



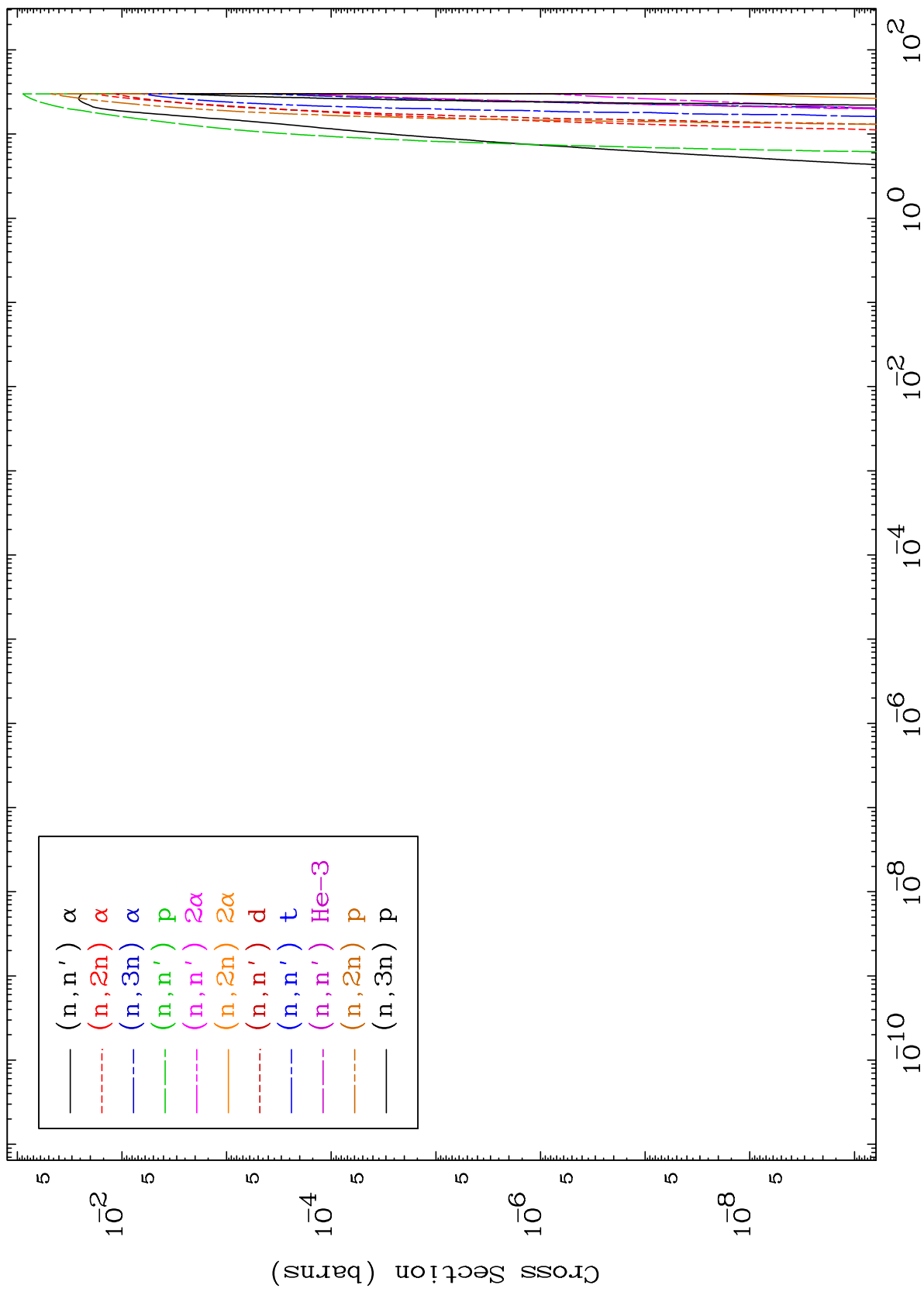
3

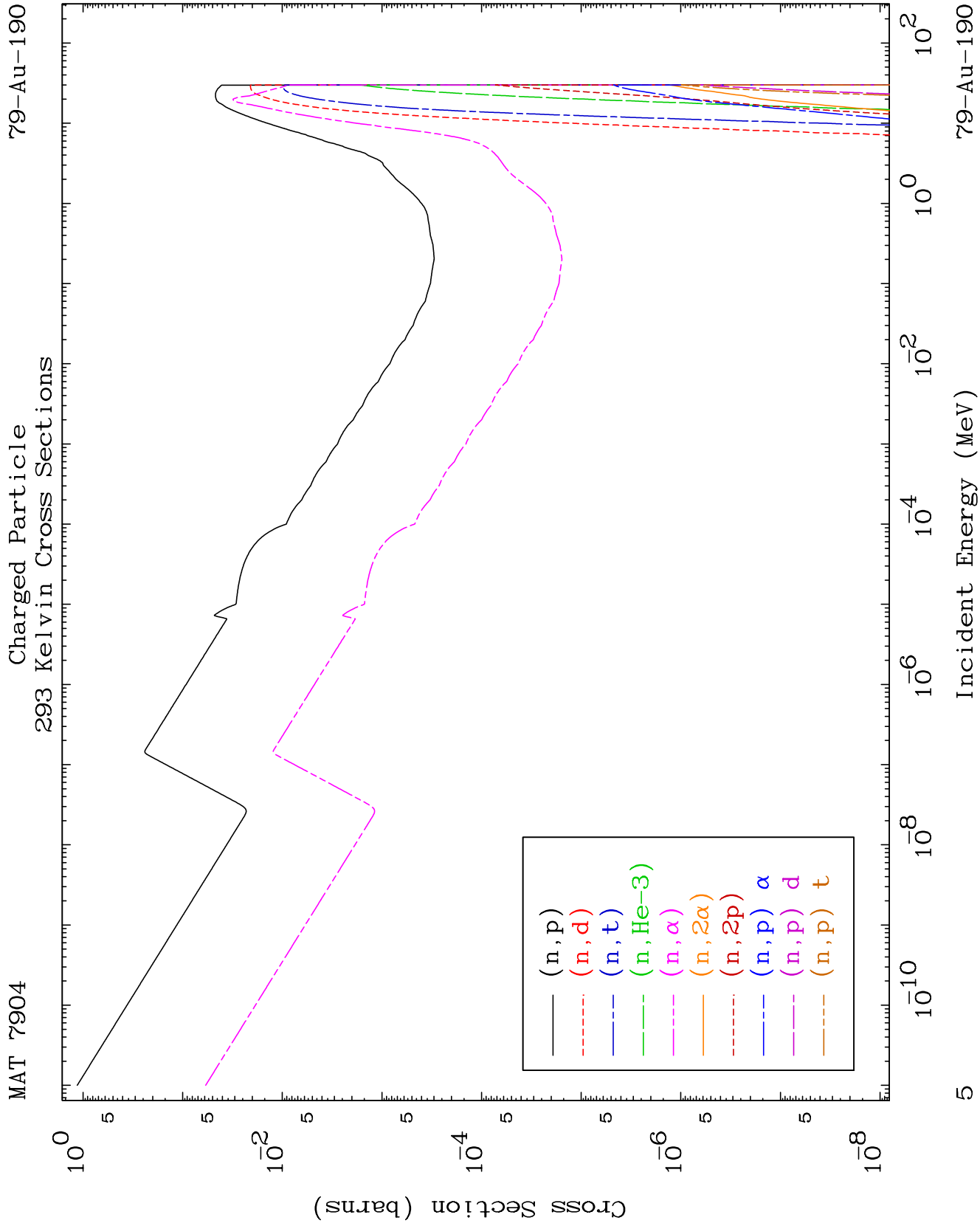
79-Au-190

MAT 7904

Charged Particle
293 Kelvin Cross Sections

79-Au-190

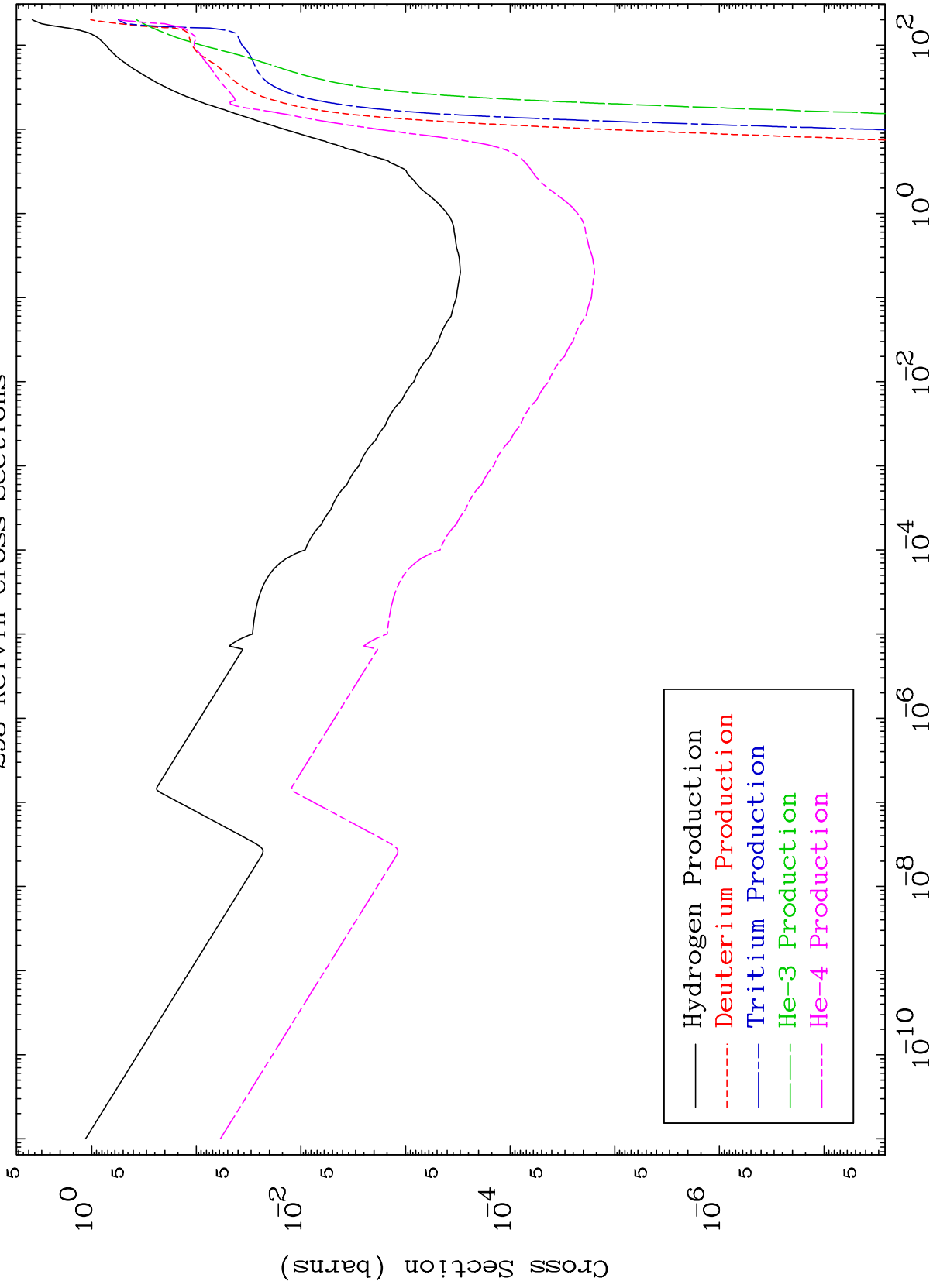


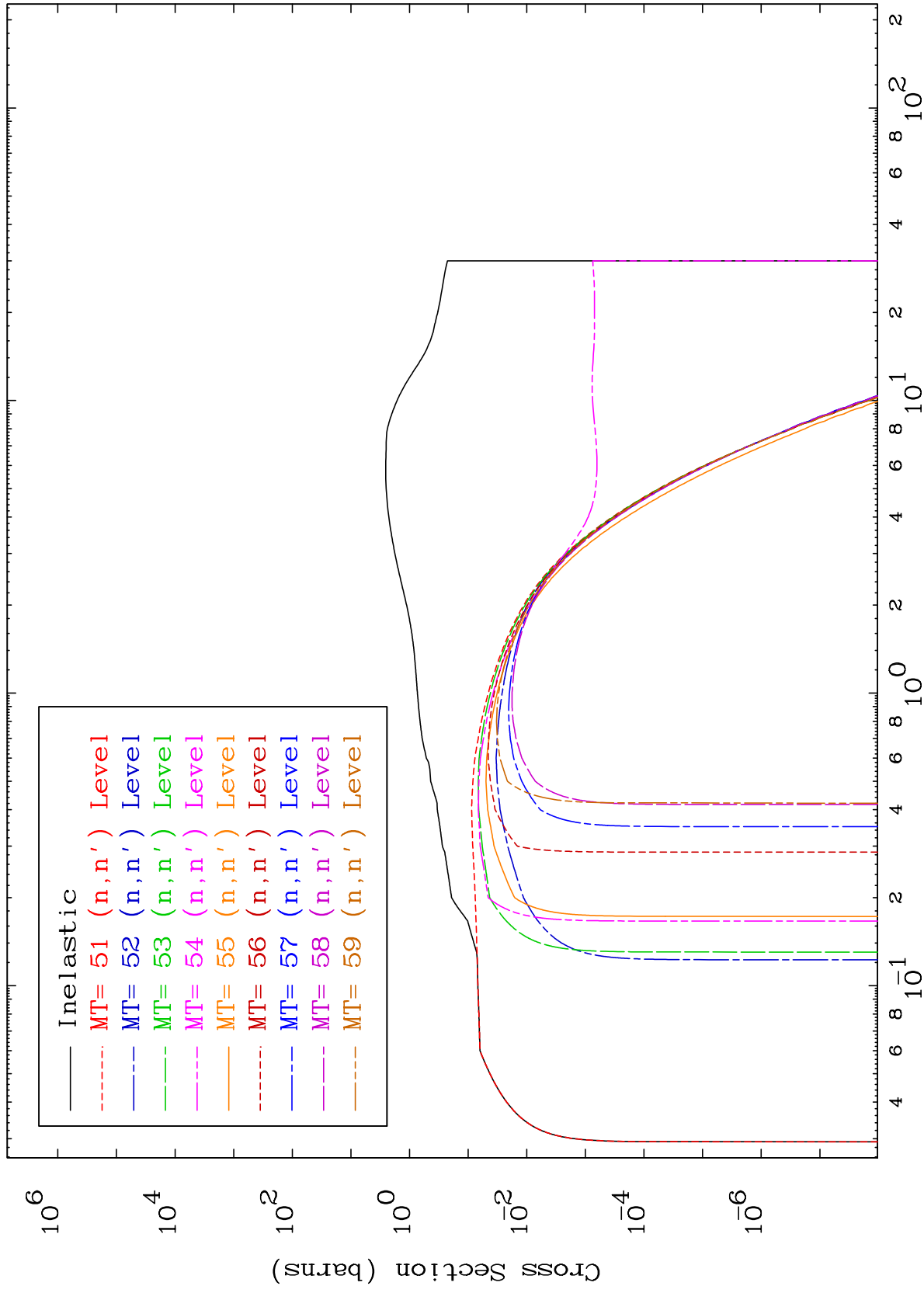


MAT 7904

Particle Production
293 Kelvin Cross Sections

79-Au-190



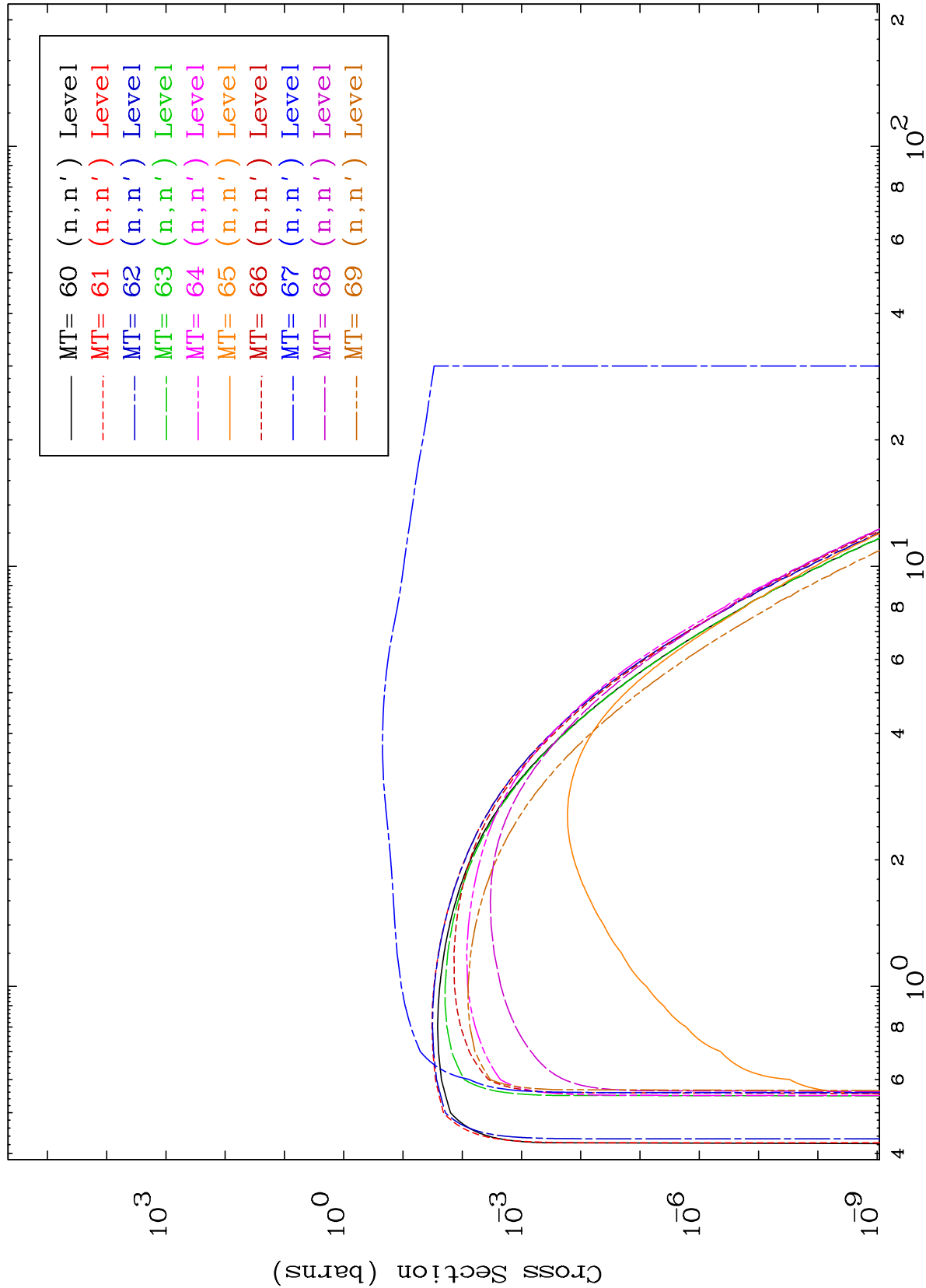


MAT 7904

(n,n') Level

79-Au-190

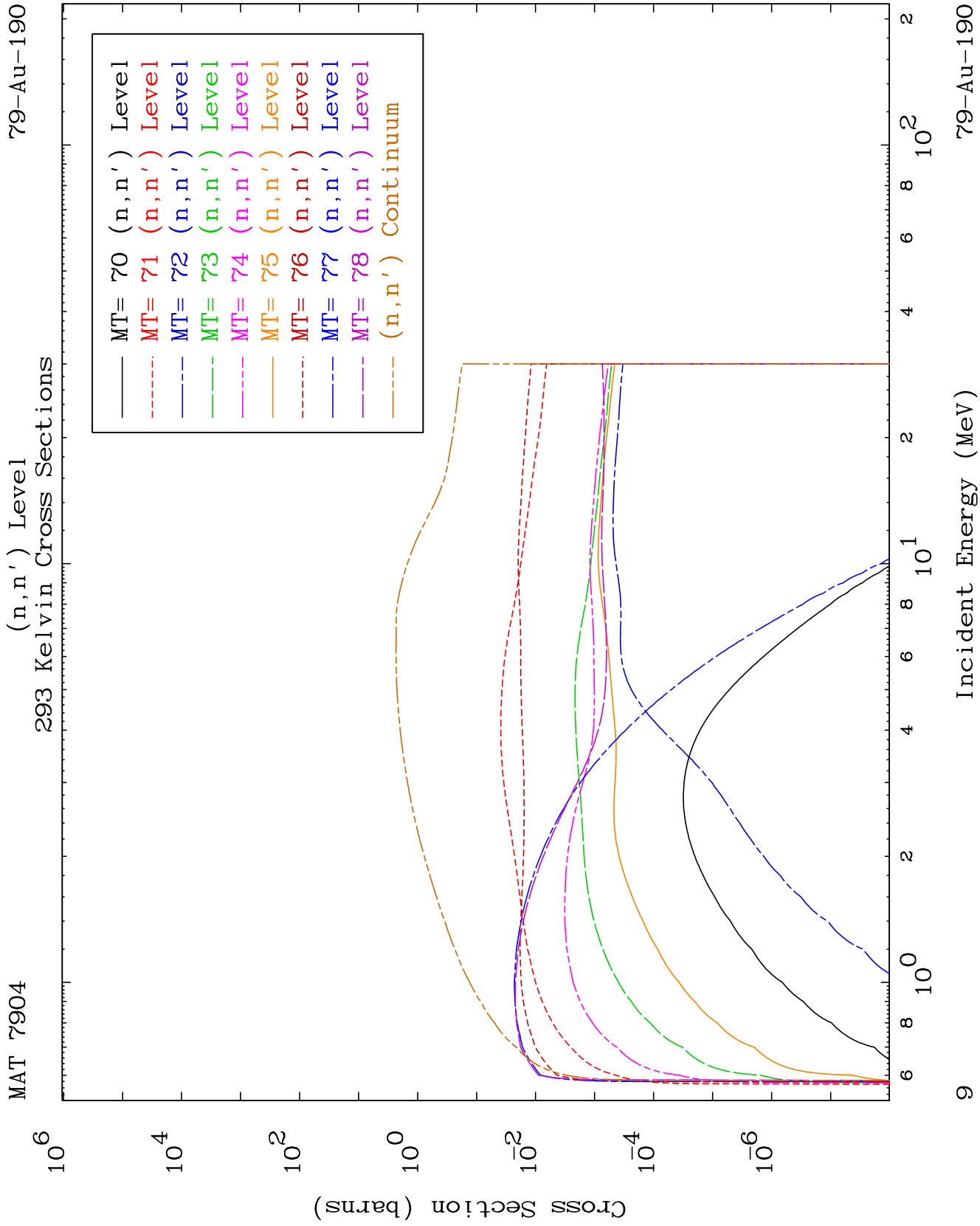
293 Kelvin Cross Sections



8

Incident Energy (MeV)

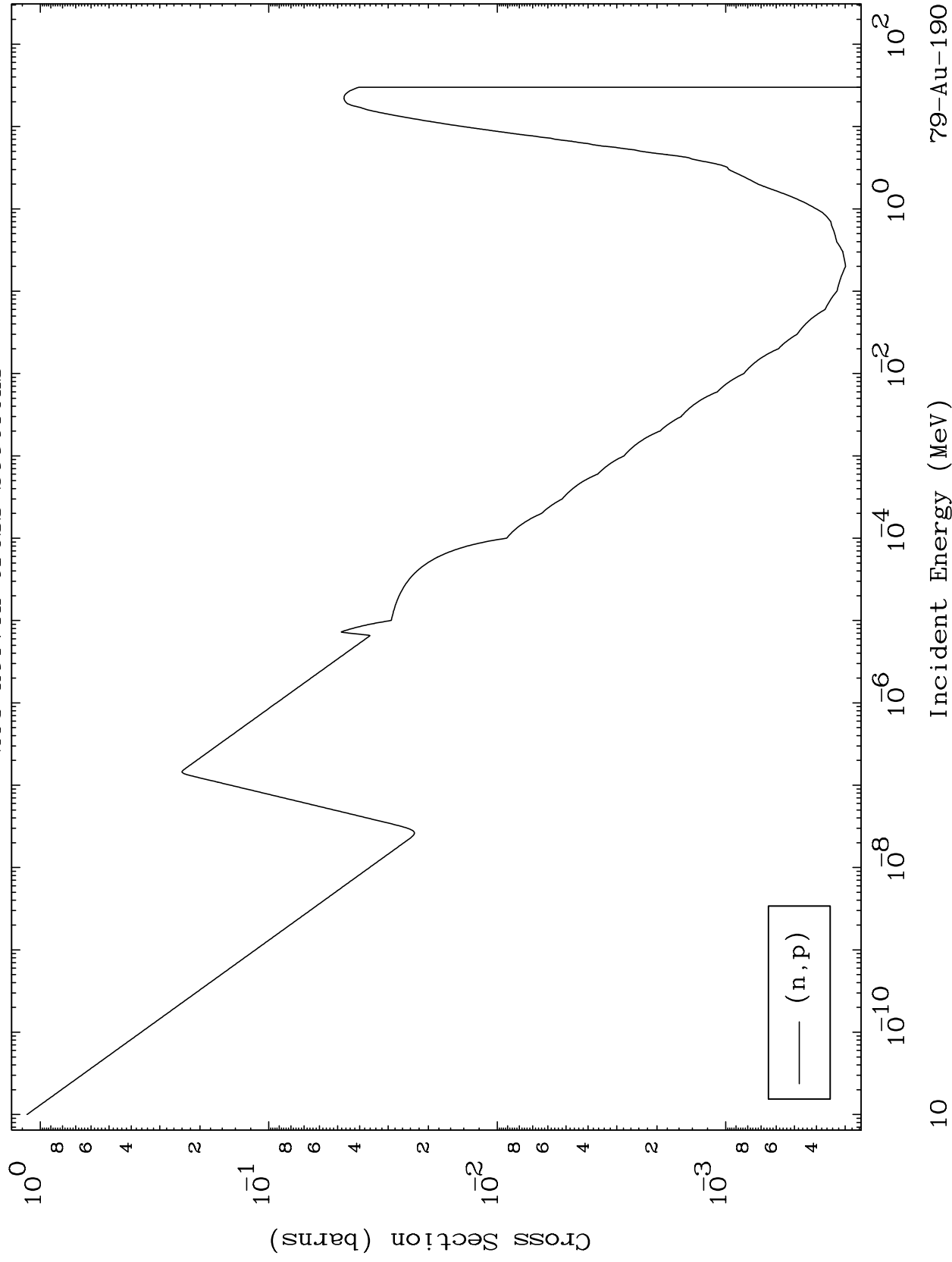
79-Au-190



MAT 7904

(n,p) Levels
293 Kelvin Cross Sections

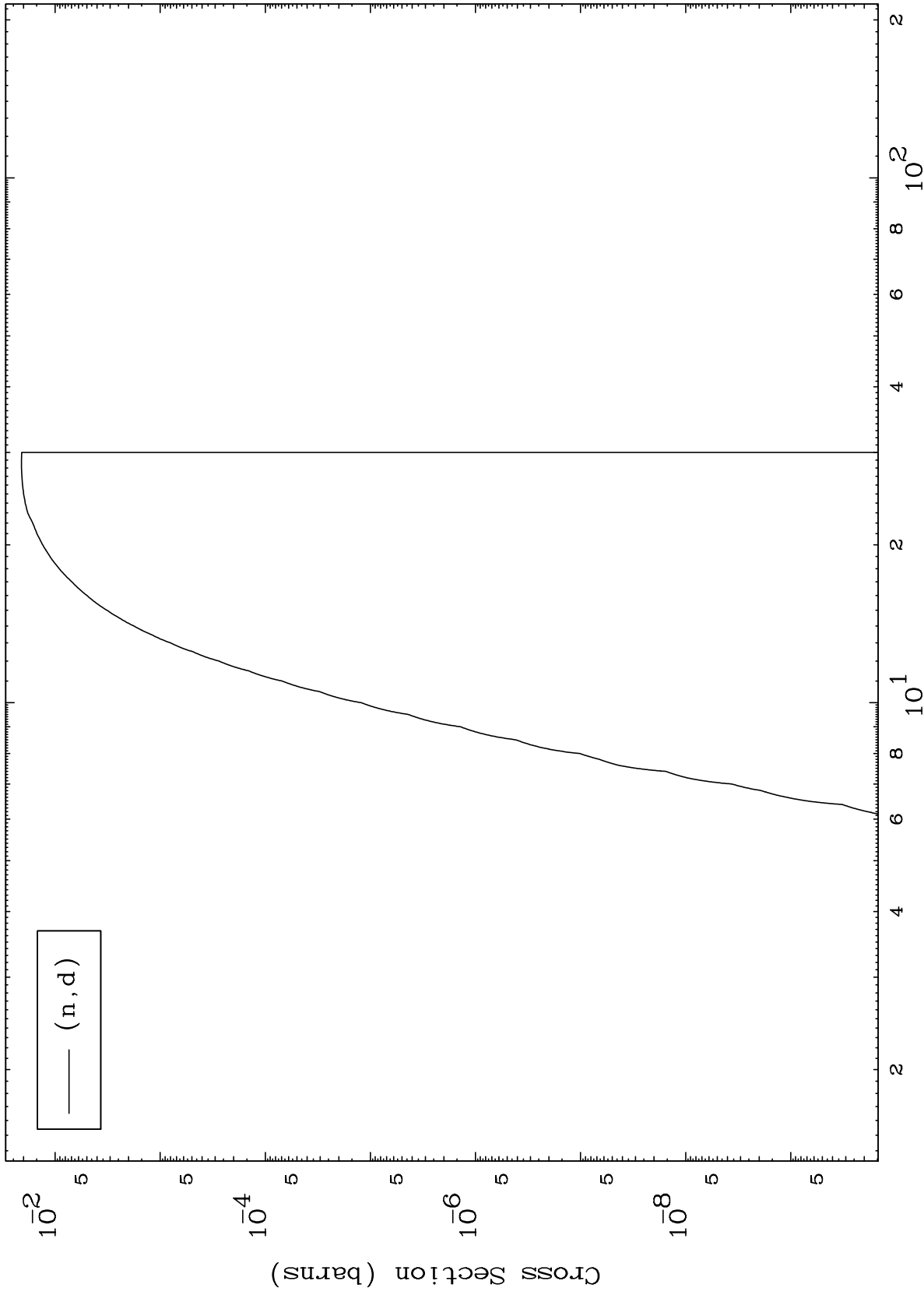
79-Au-190



MAT 7904

79-Au-190

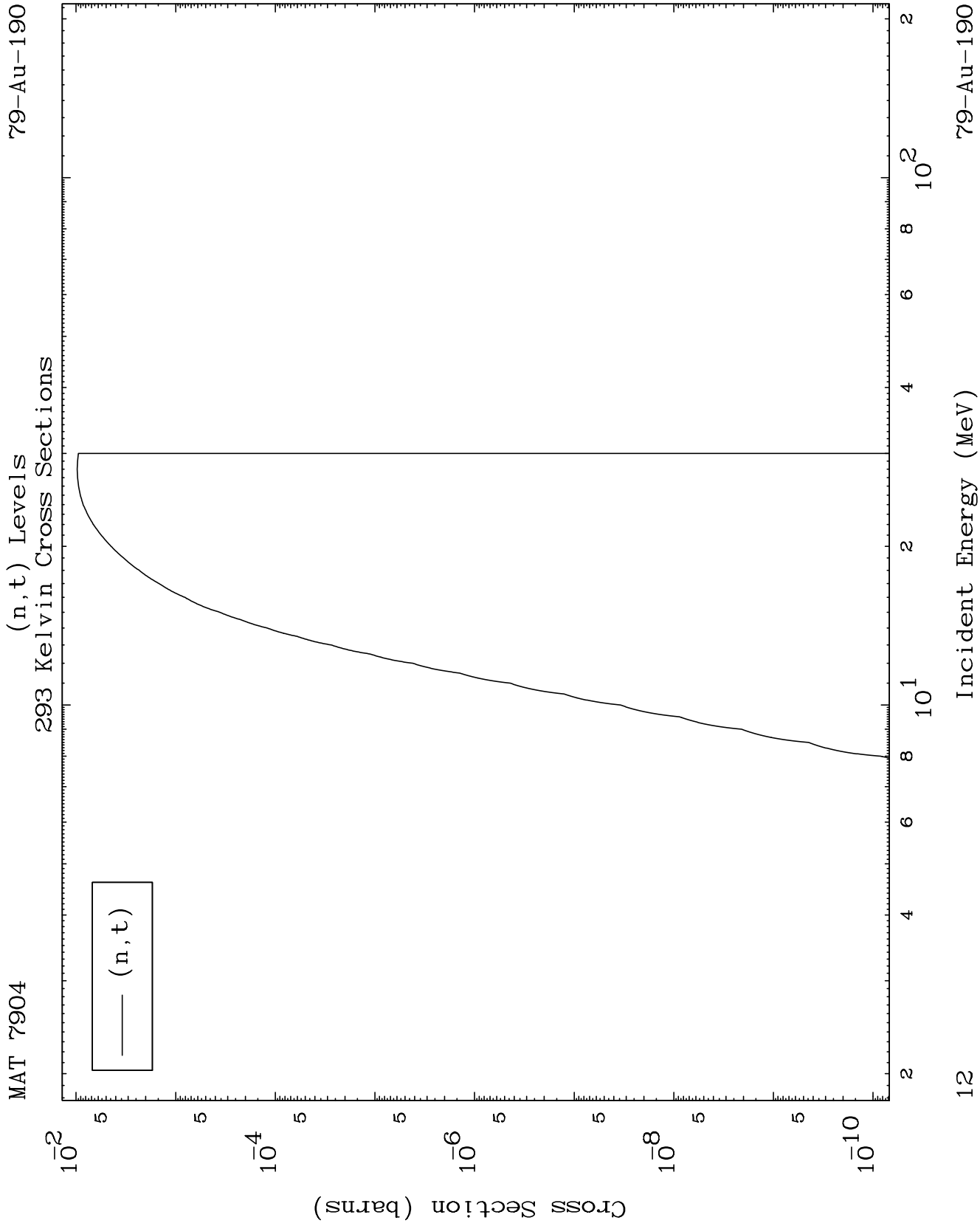
(n,d) Levels
293 Kelvin Cross Sections



11

Incident Energy (MeV)

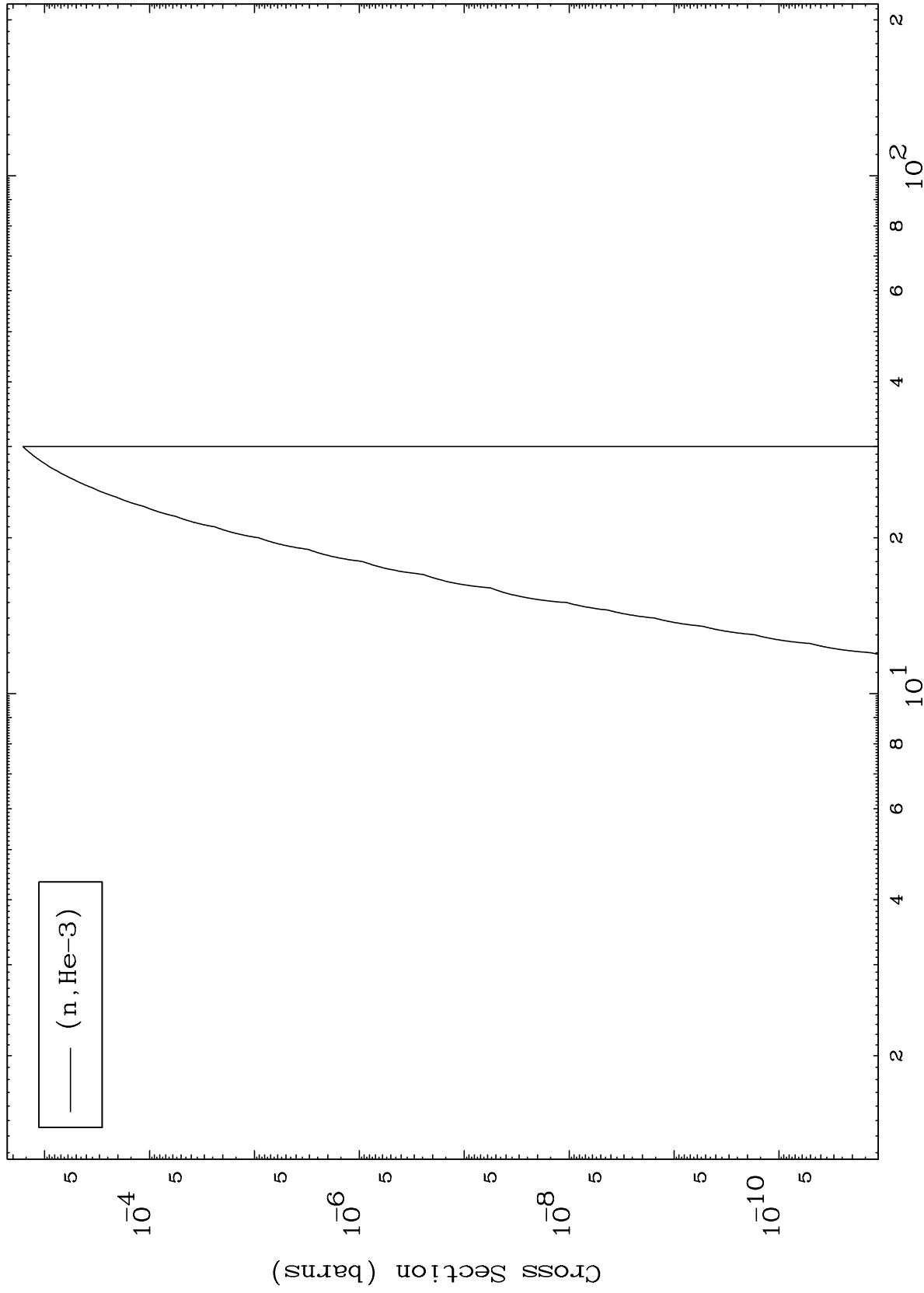
79-Au-190



MAT 7904

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-190



13

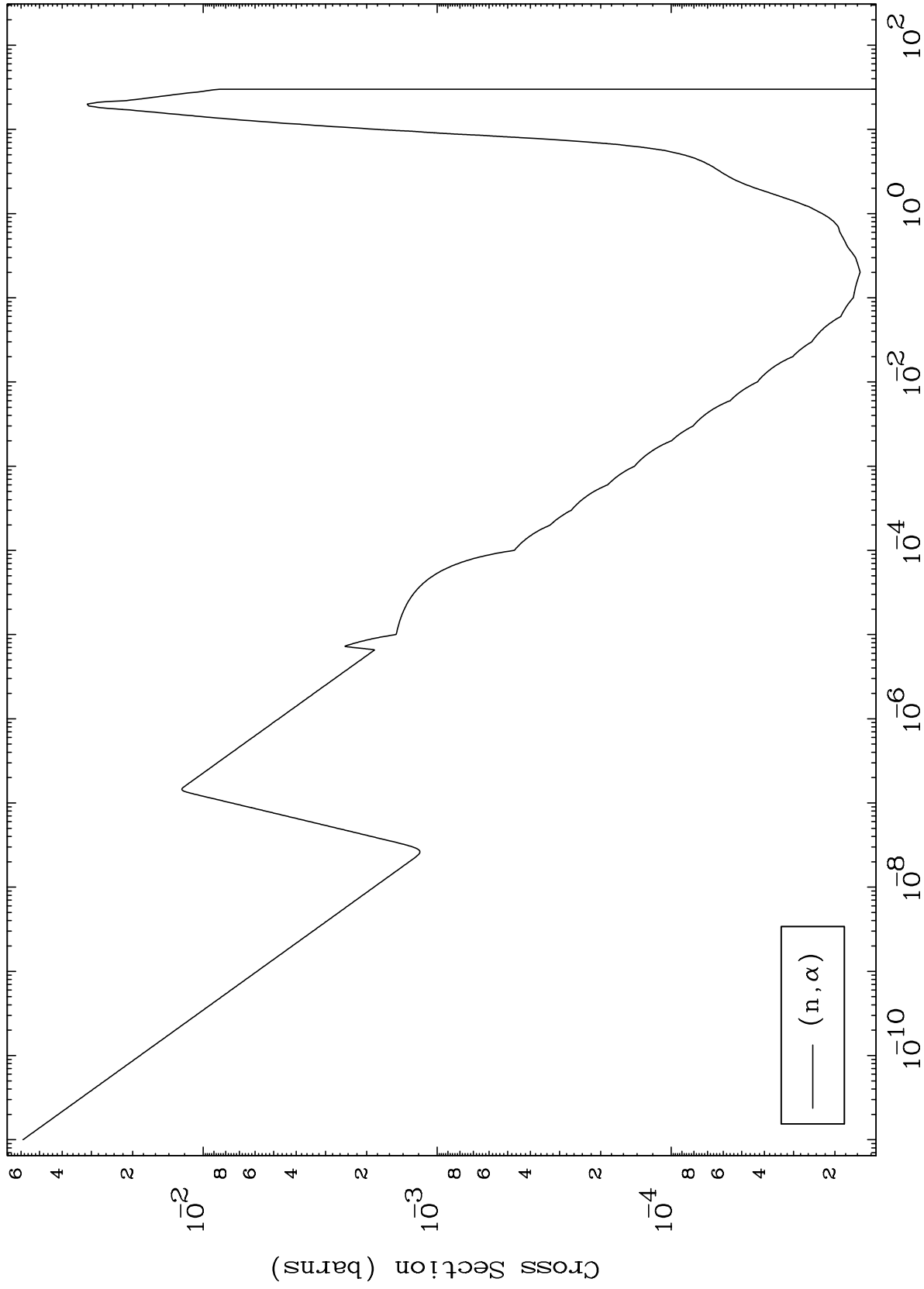
Incident Energy (MeV)

79-Au-190

MAT 7904

(n, α) Levels
293 Kelvin Cross Sections

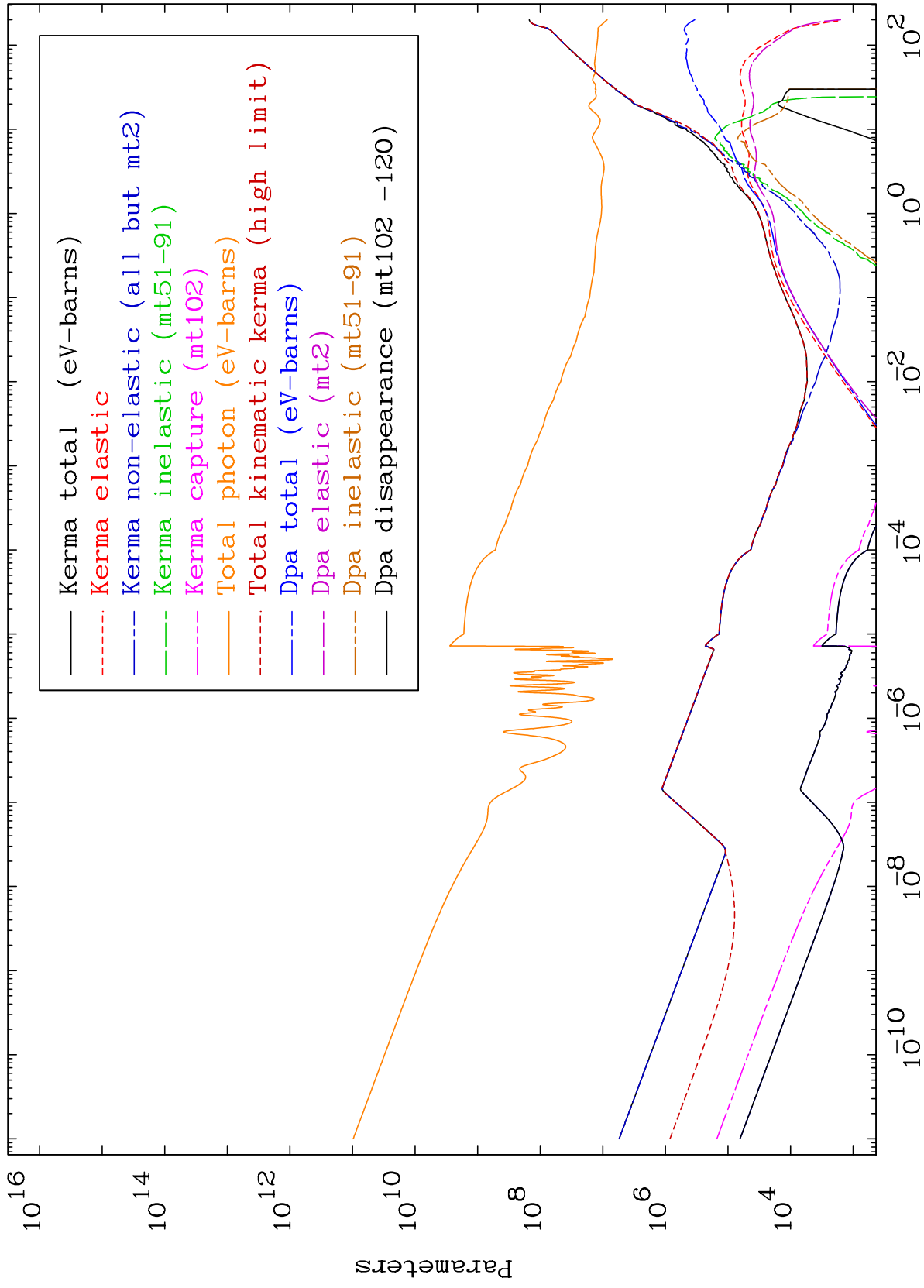
79-Au-190

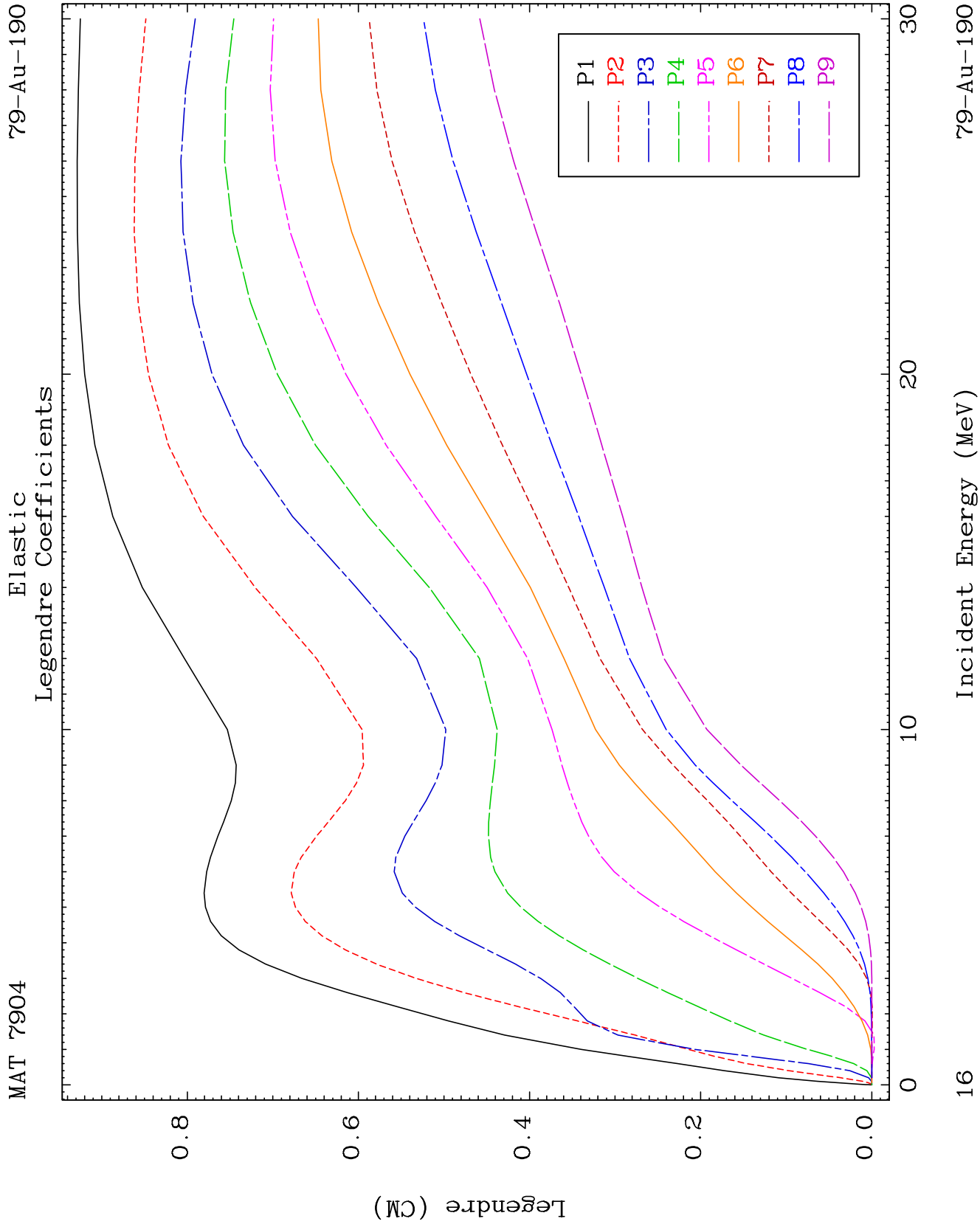


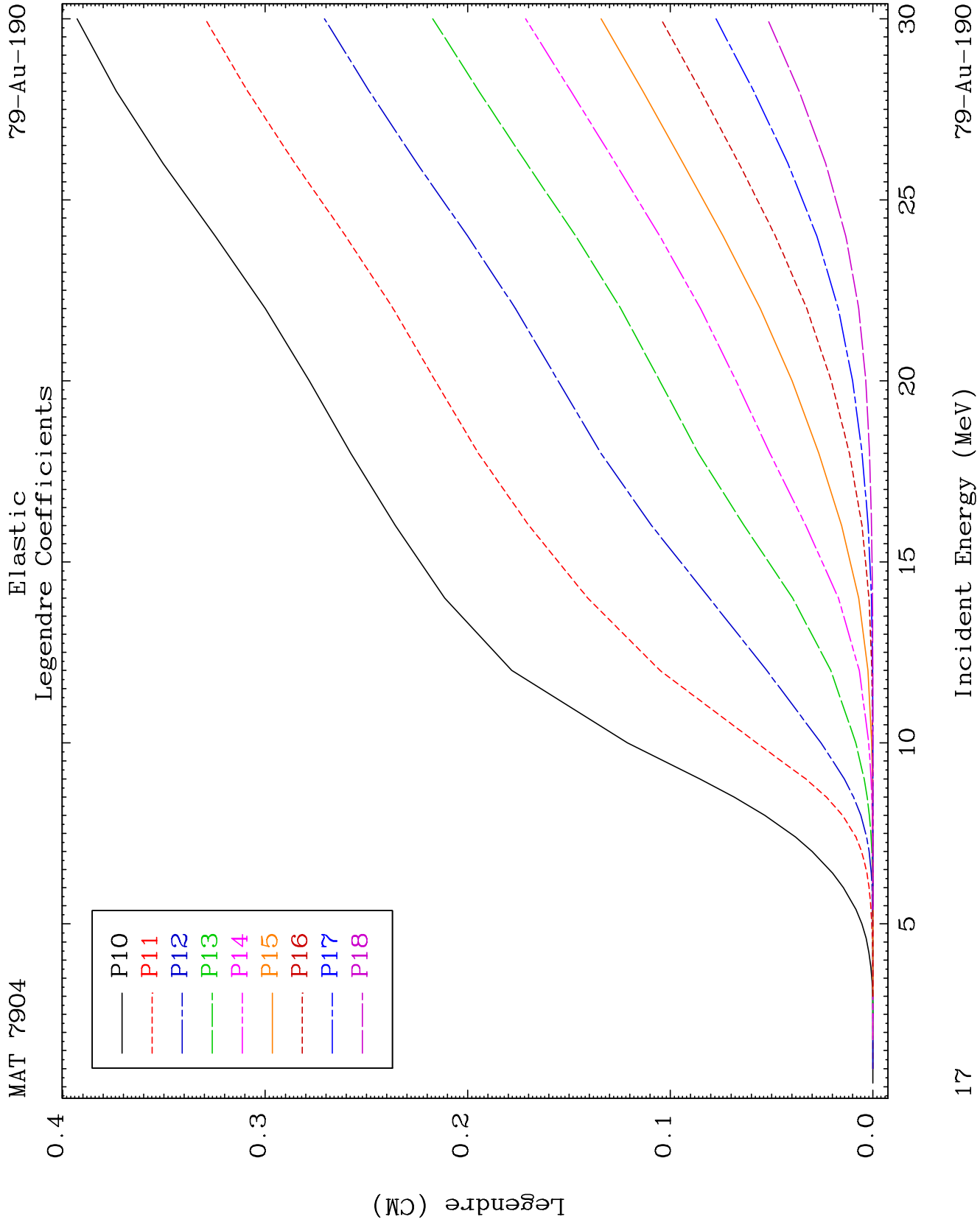
14

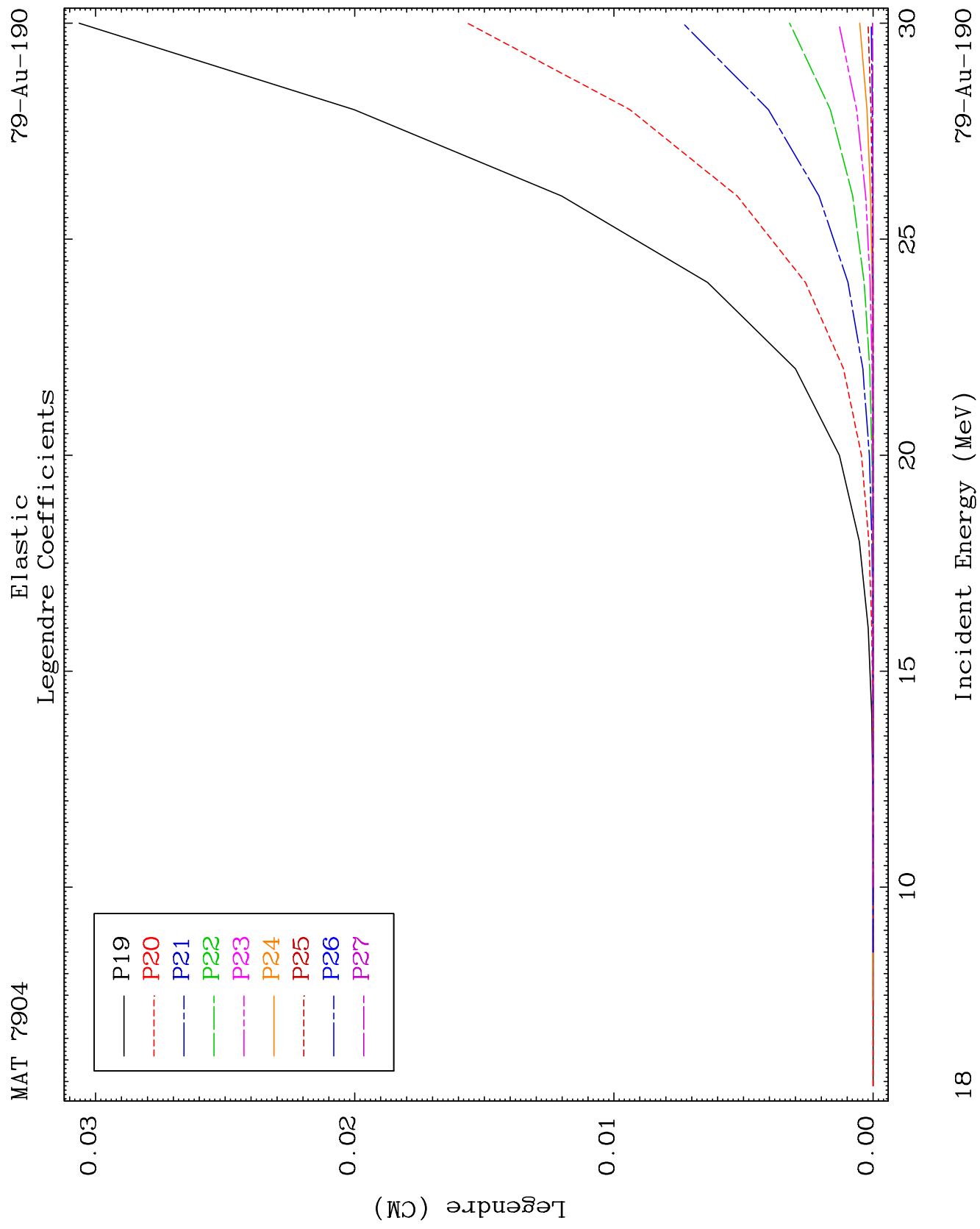
Incident Energy (MeV)

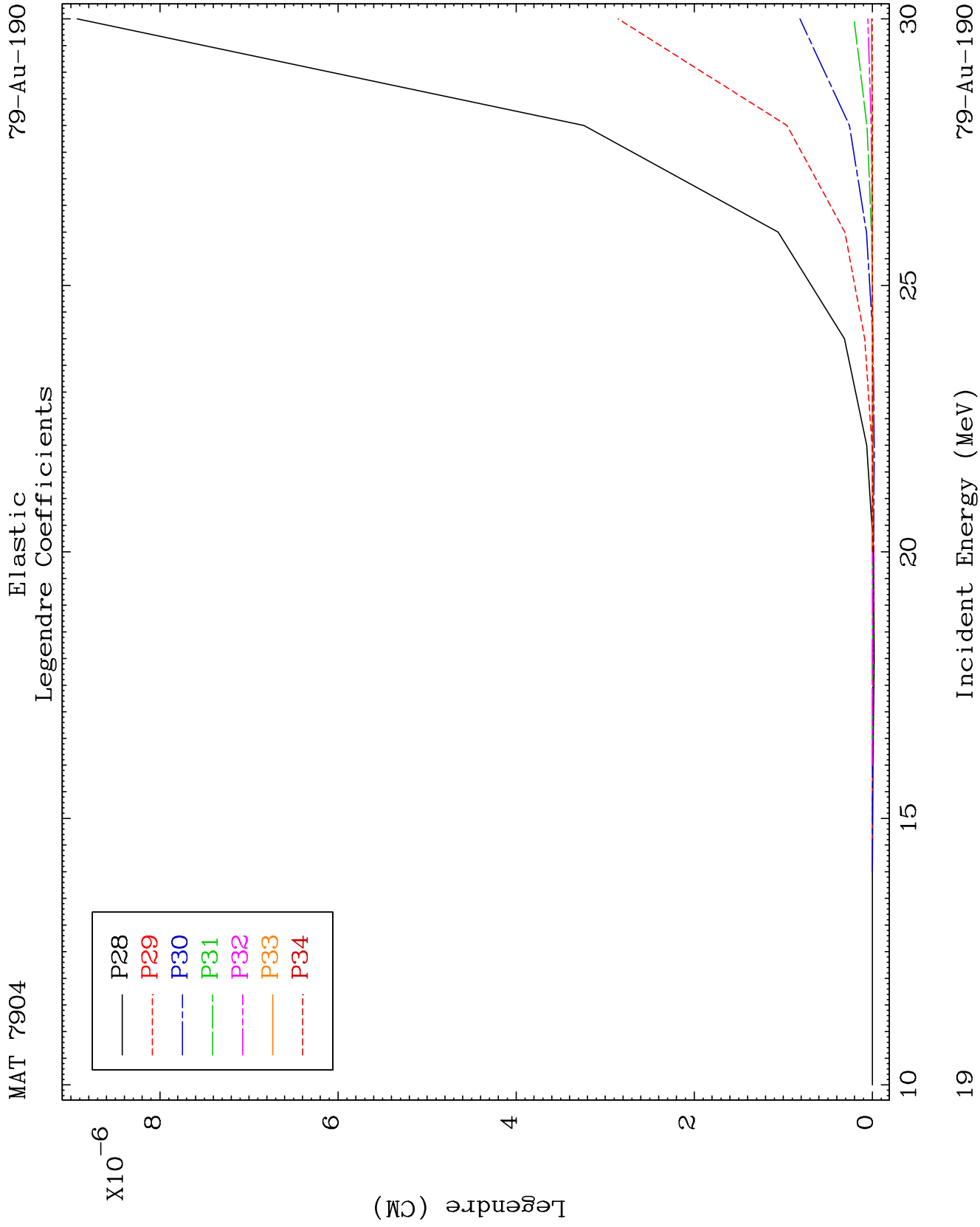
79-Au-190







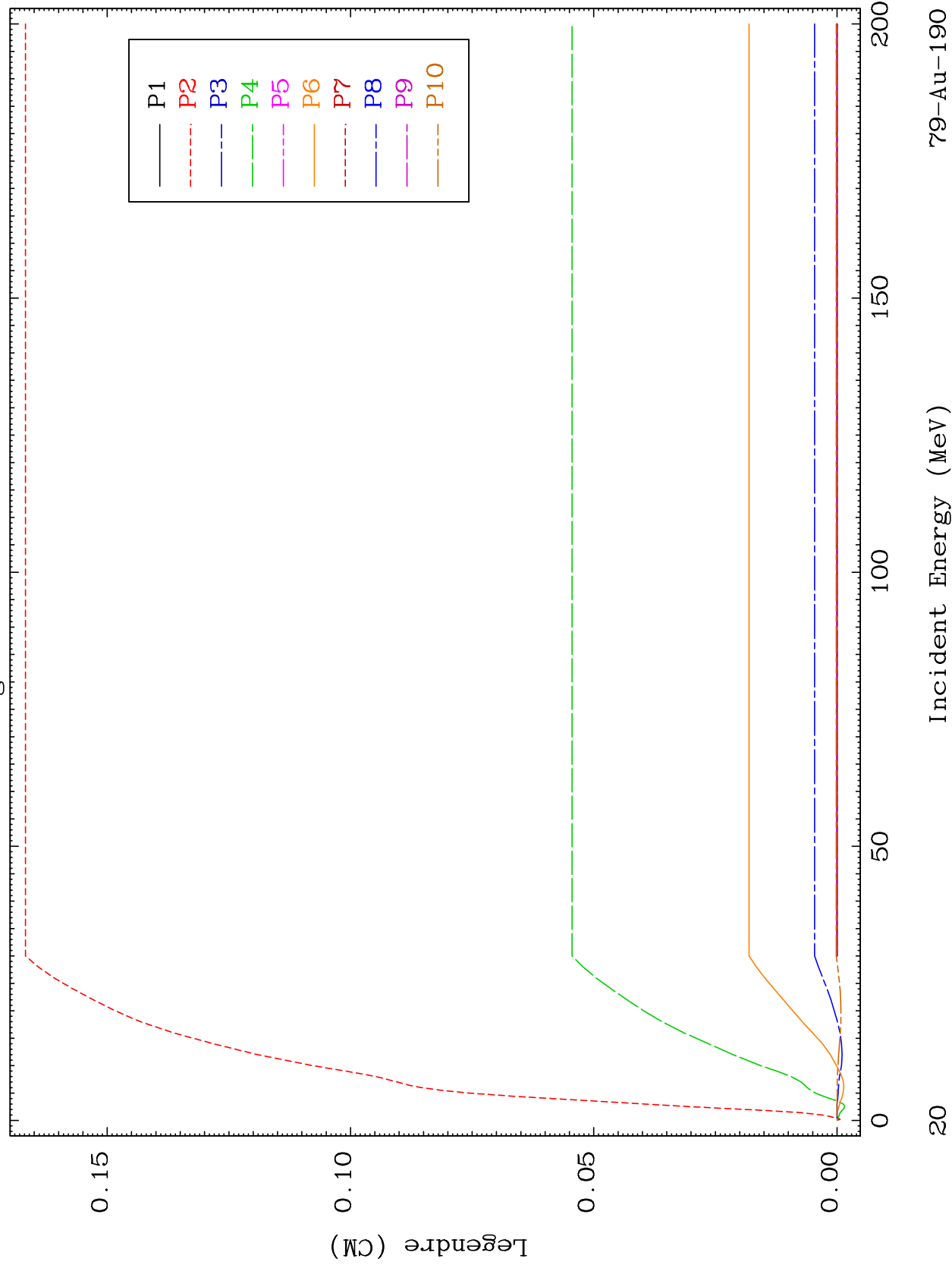




MAT 7904

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

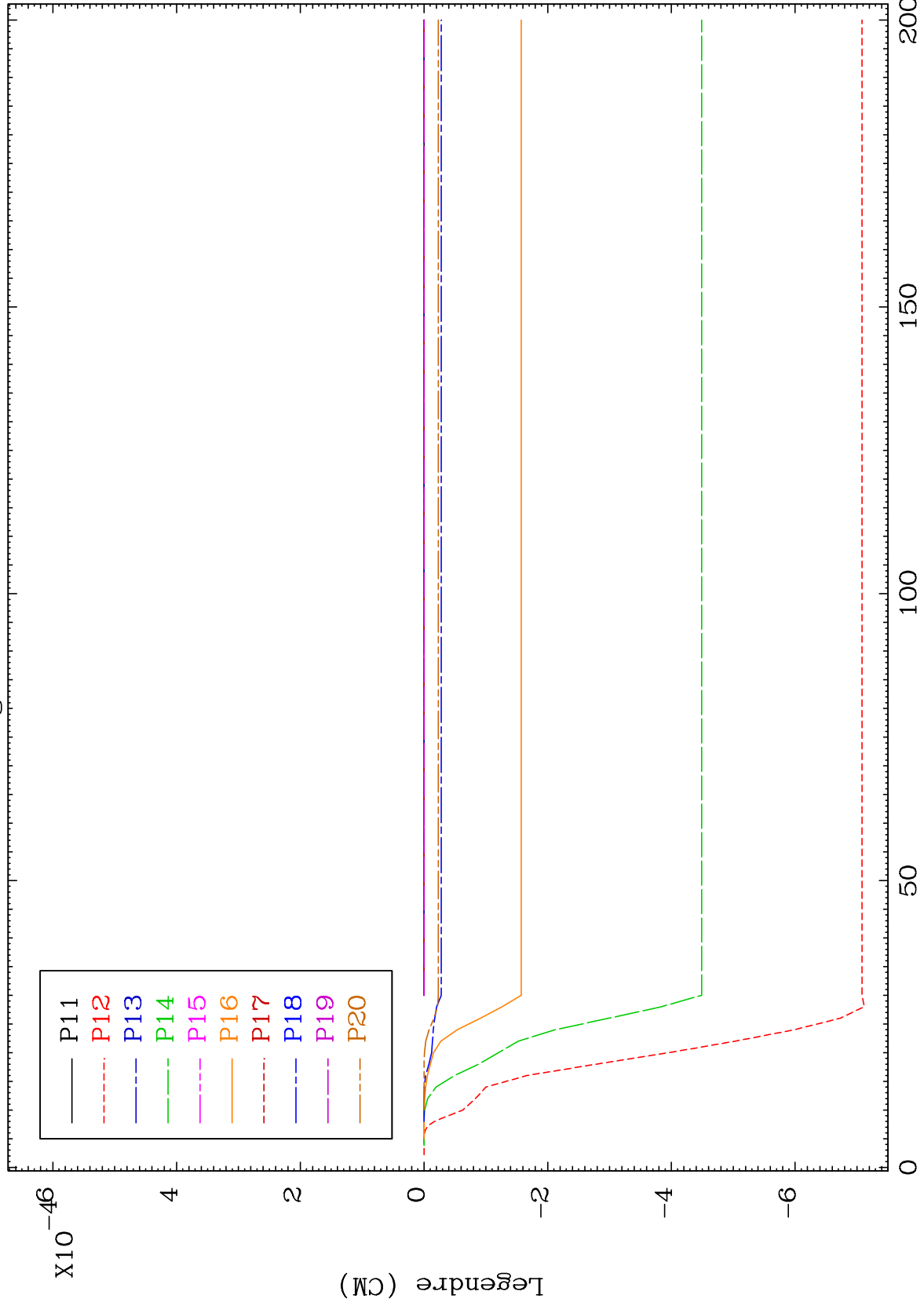
79-Au-190



MAT 7904

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

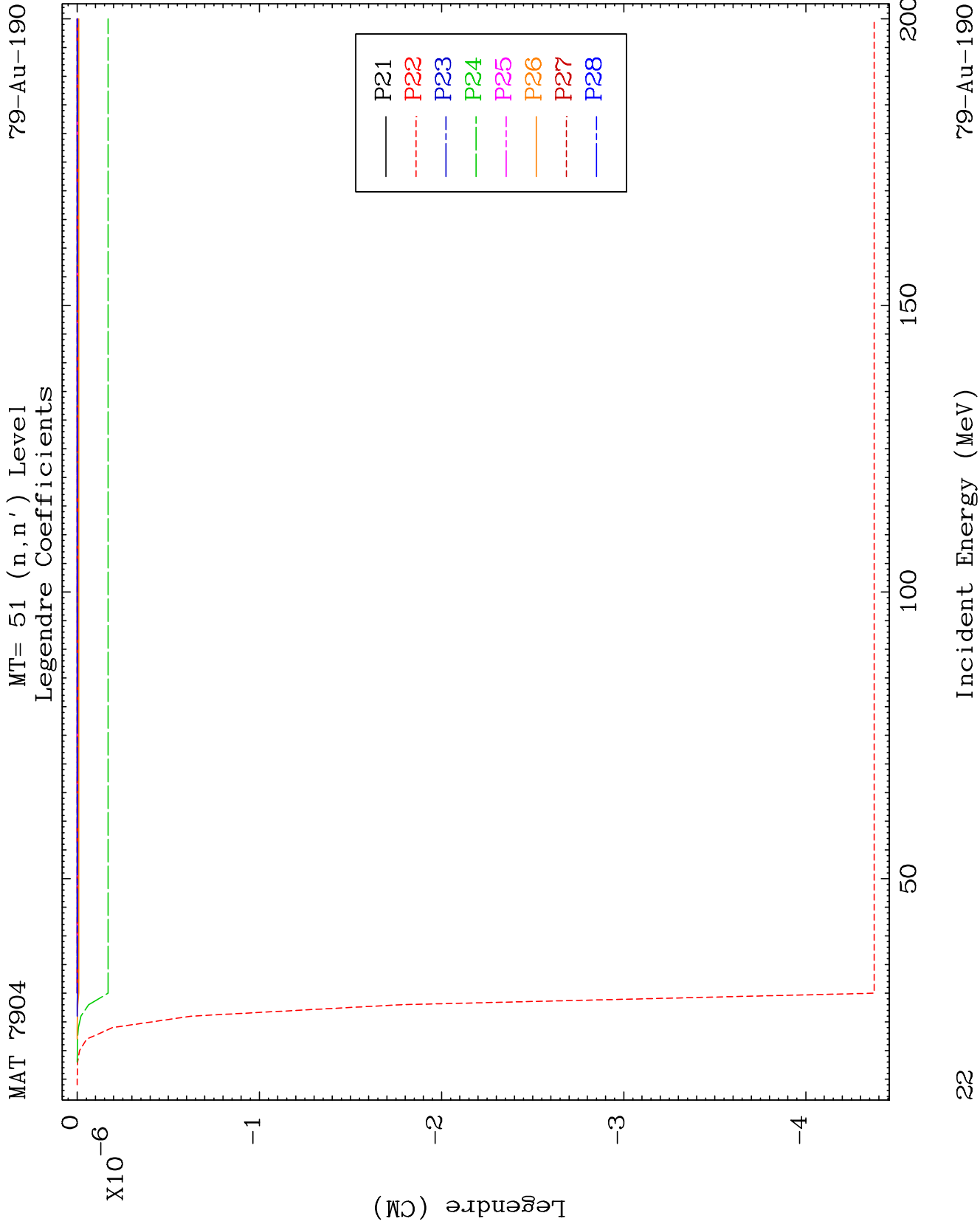
79-Au-190



21

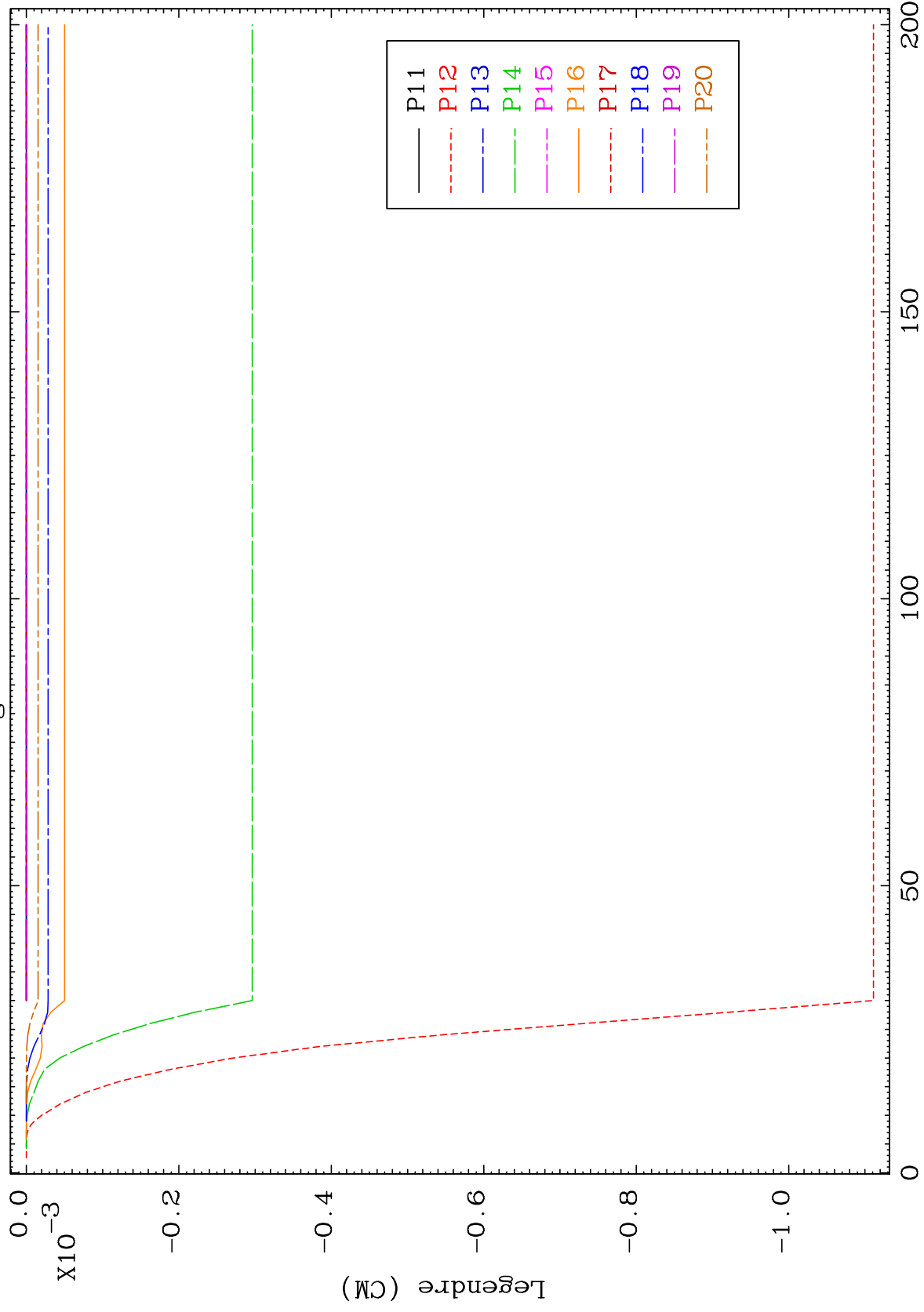
Incident Energy (MeV)

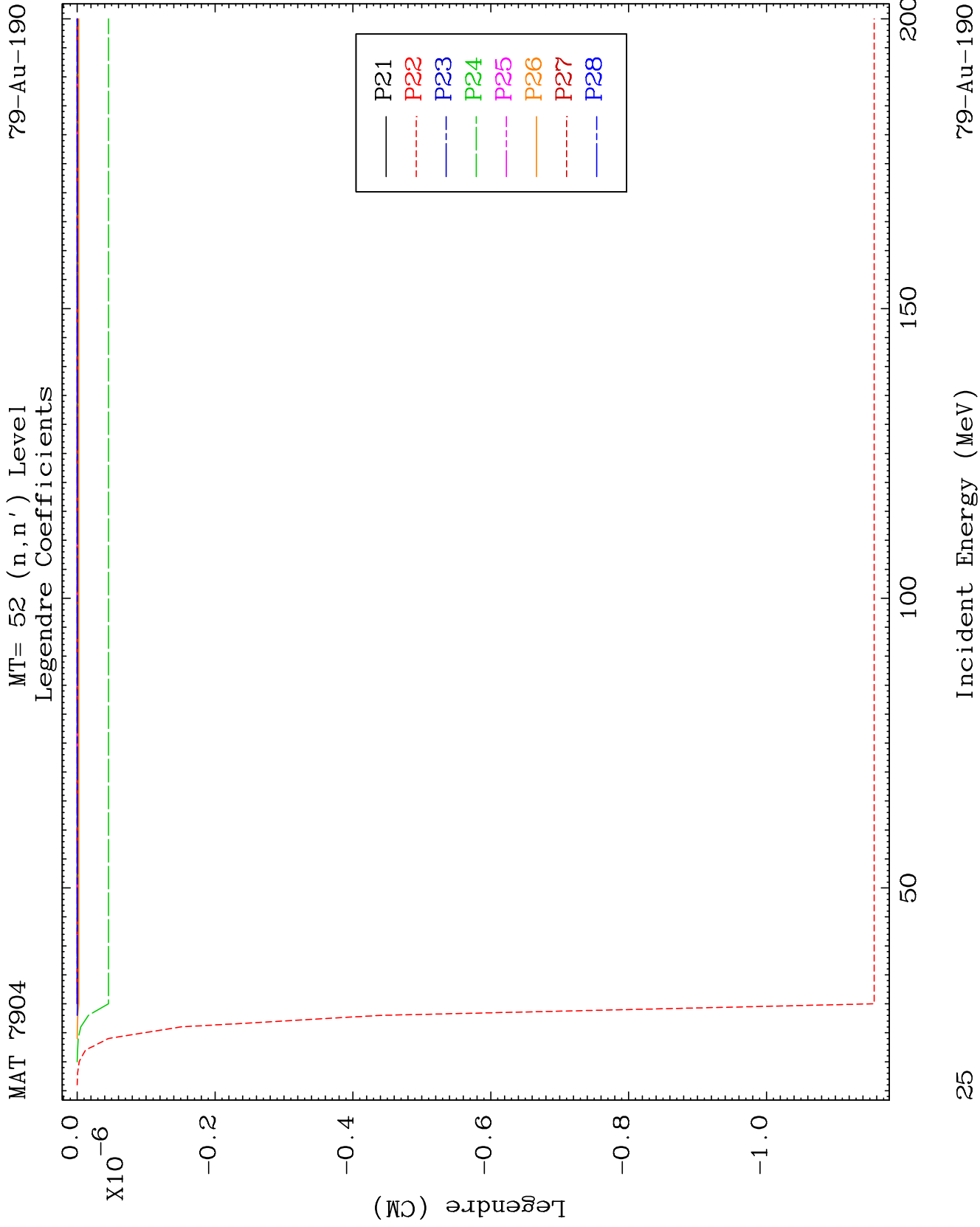
79-Au-190



MAT 7904

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

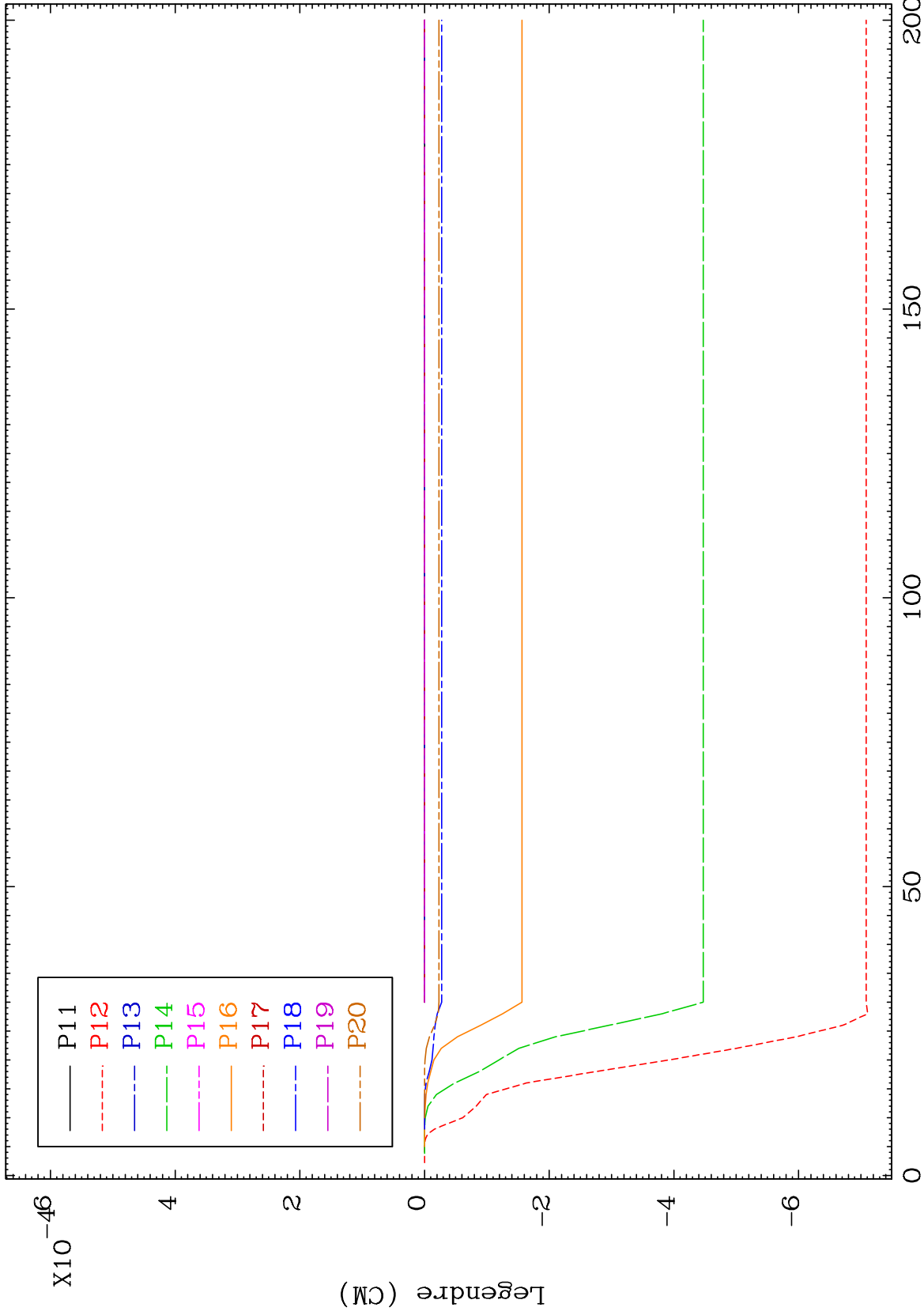
⁷⁹Au-190



MAT 7904

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

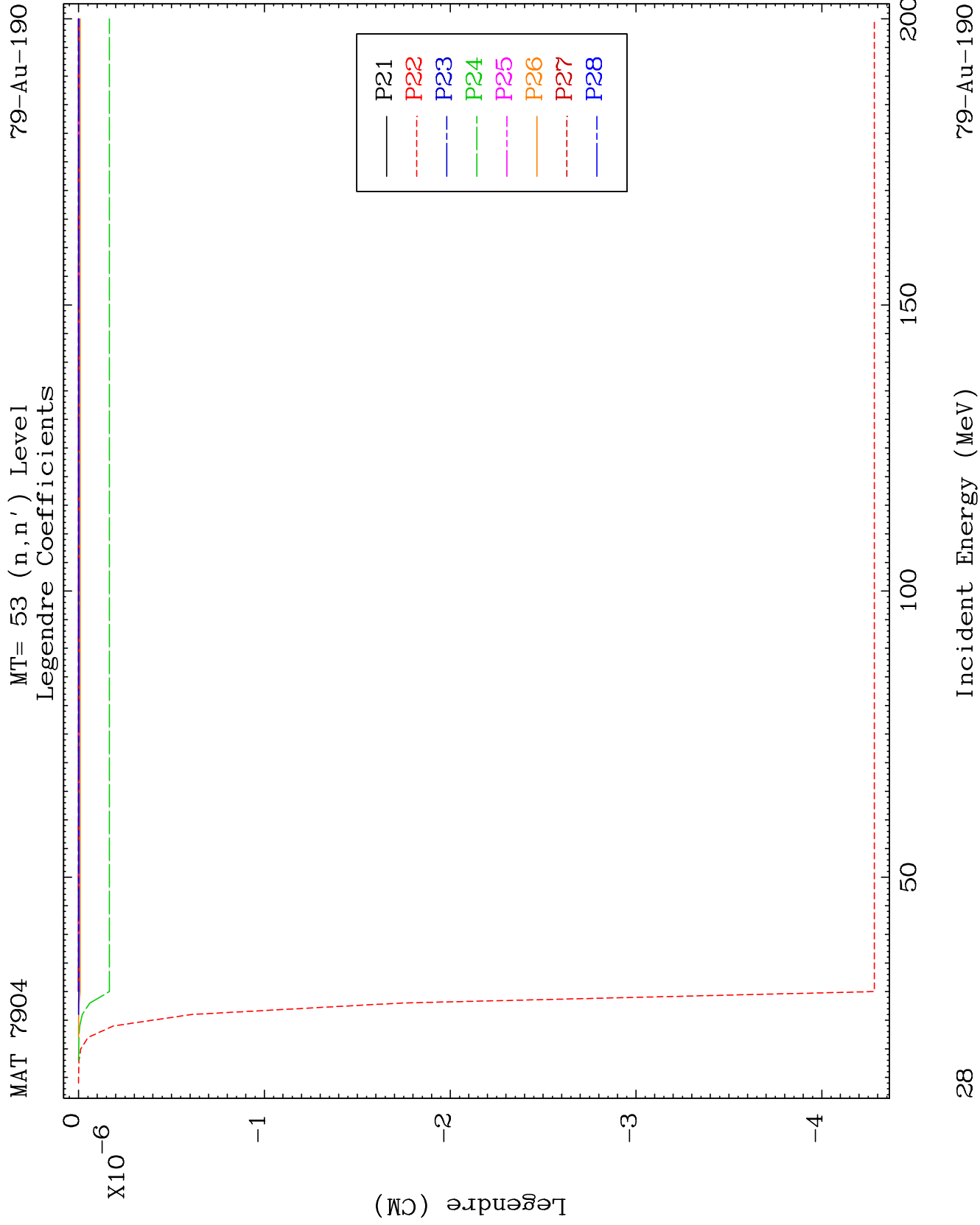
79-Au-190



27

Incident Energy (MeV)

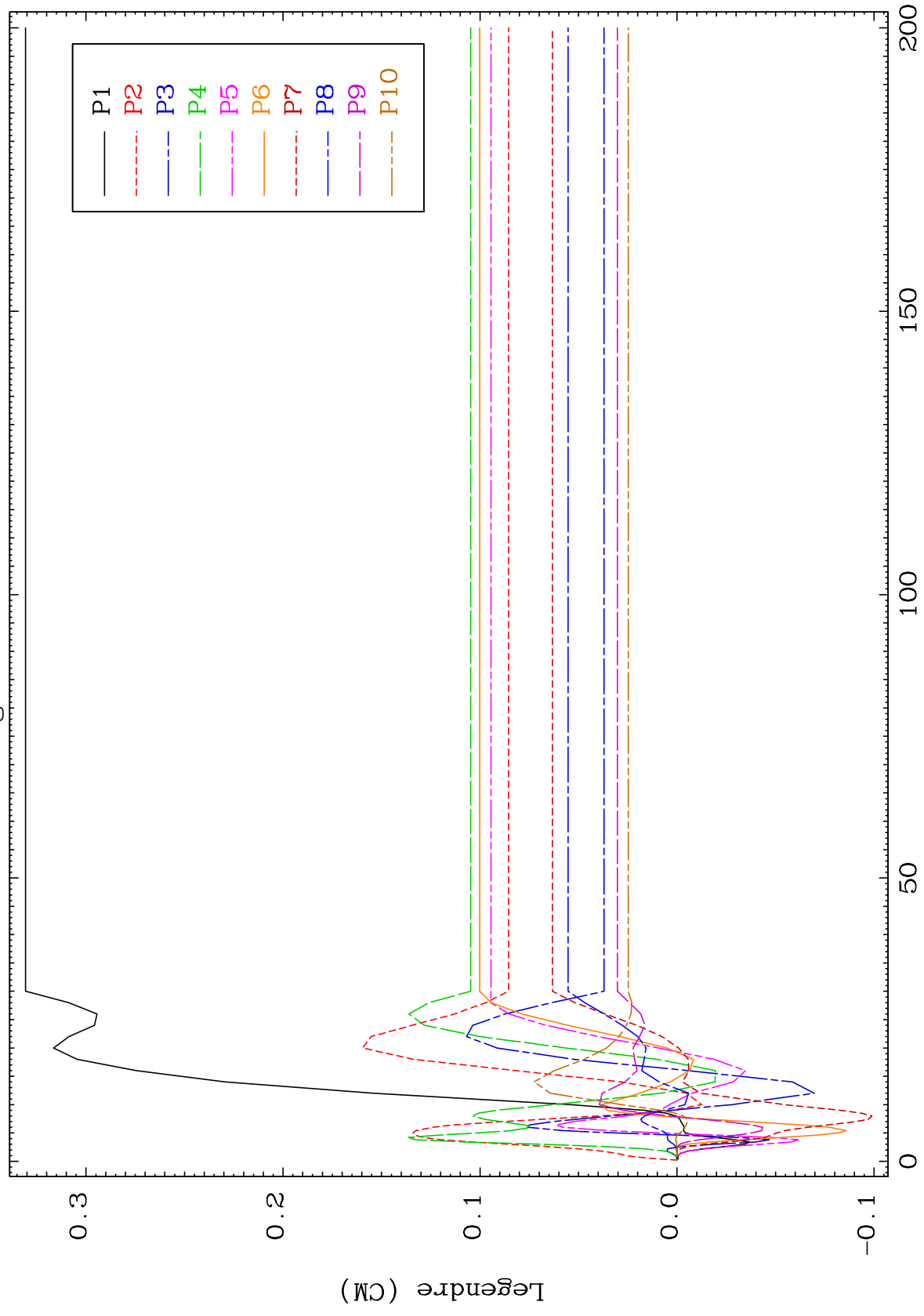
79-Au-190



MAT 7904

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

79-Au-190



22

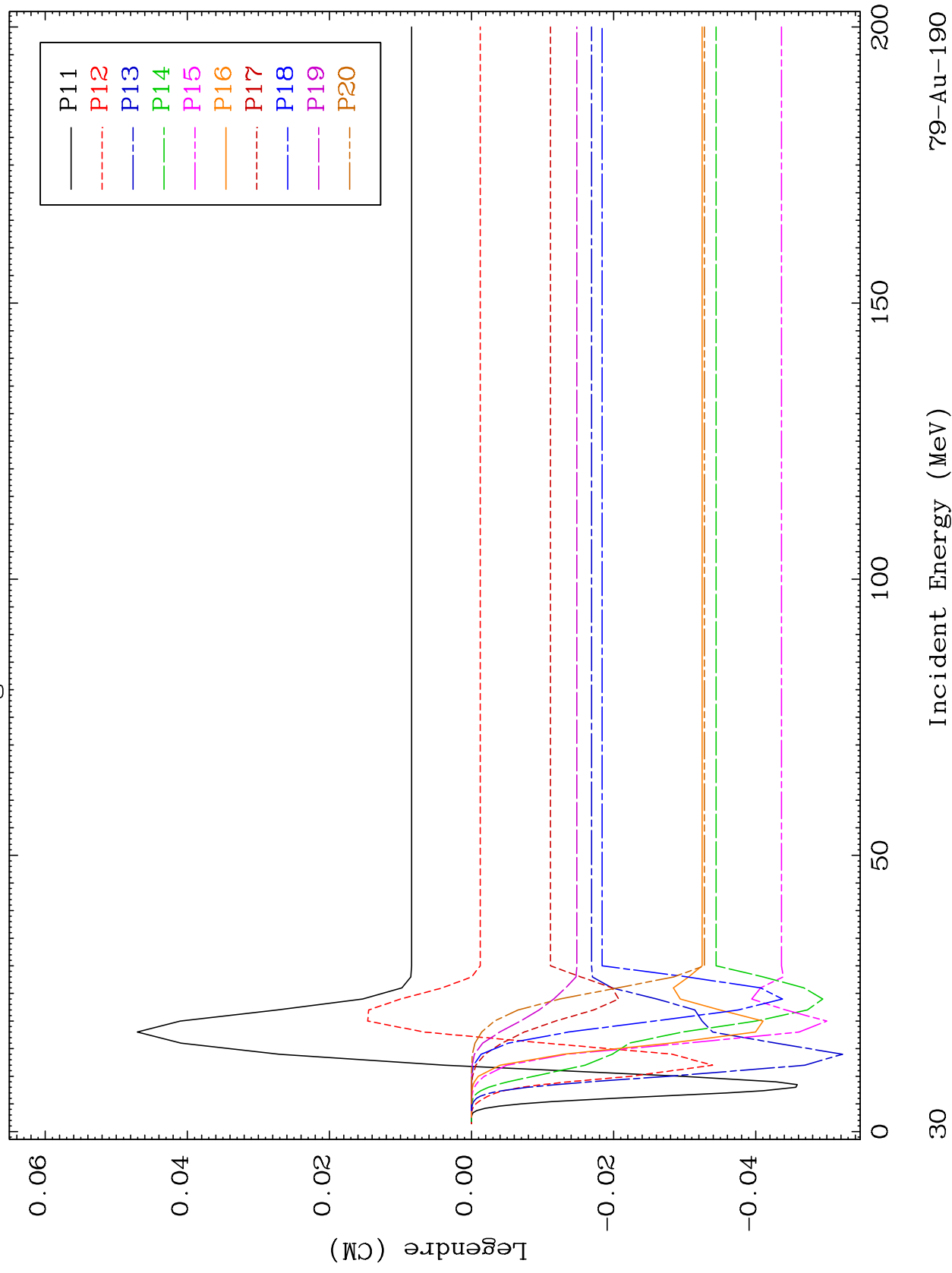
Incident Energy (MeV)

79-Au-190

MAT 7904

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

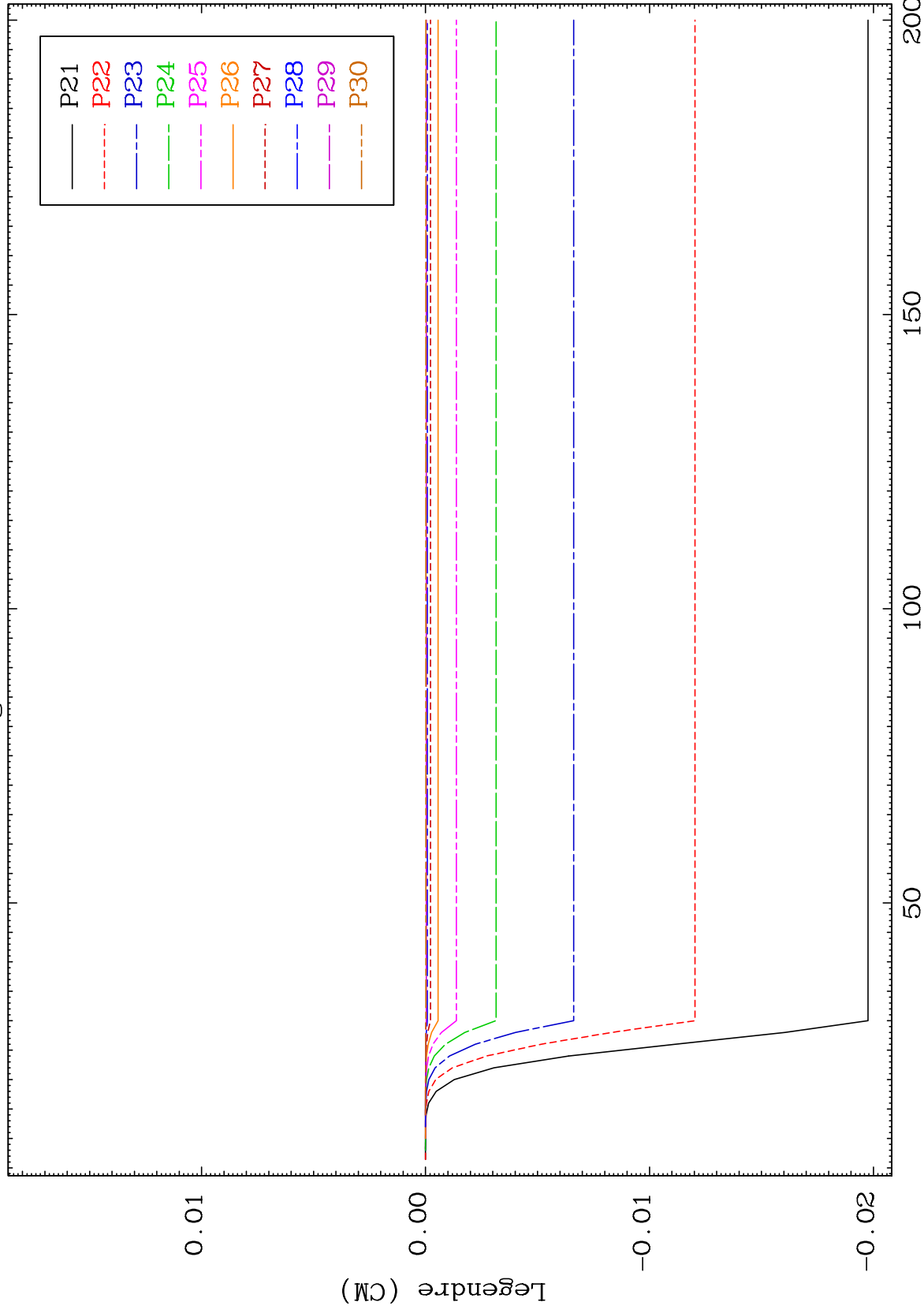
79-Au-190



MAT 7904

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

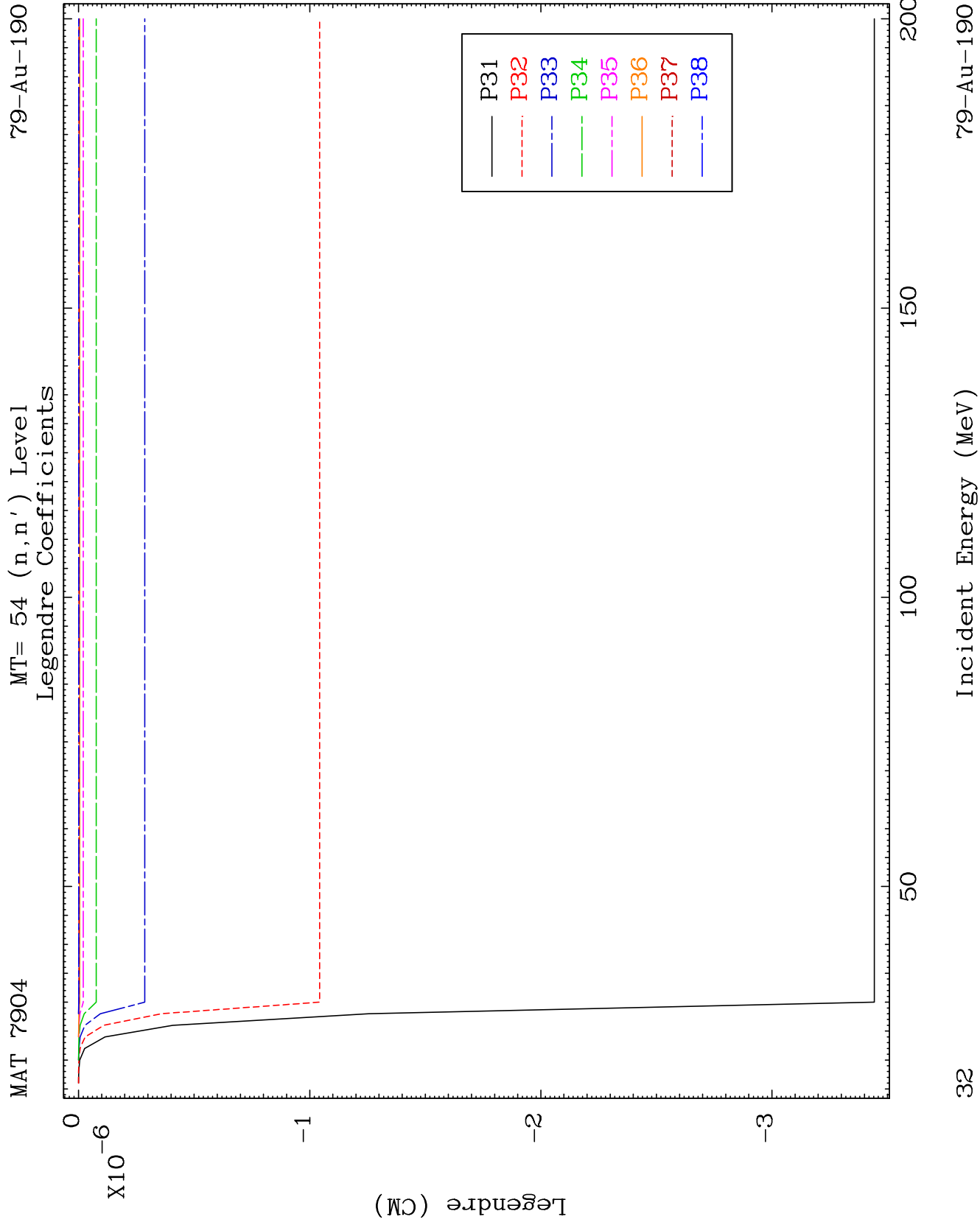
79-Au-190

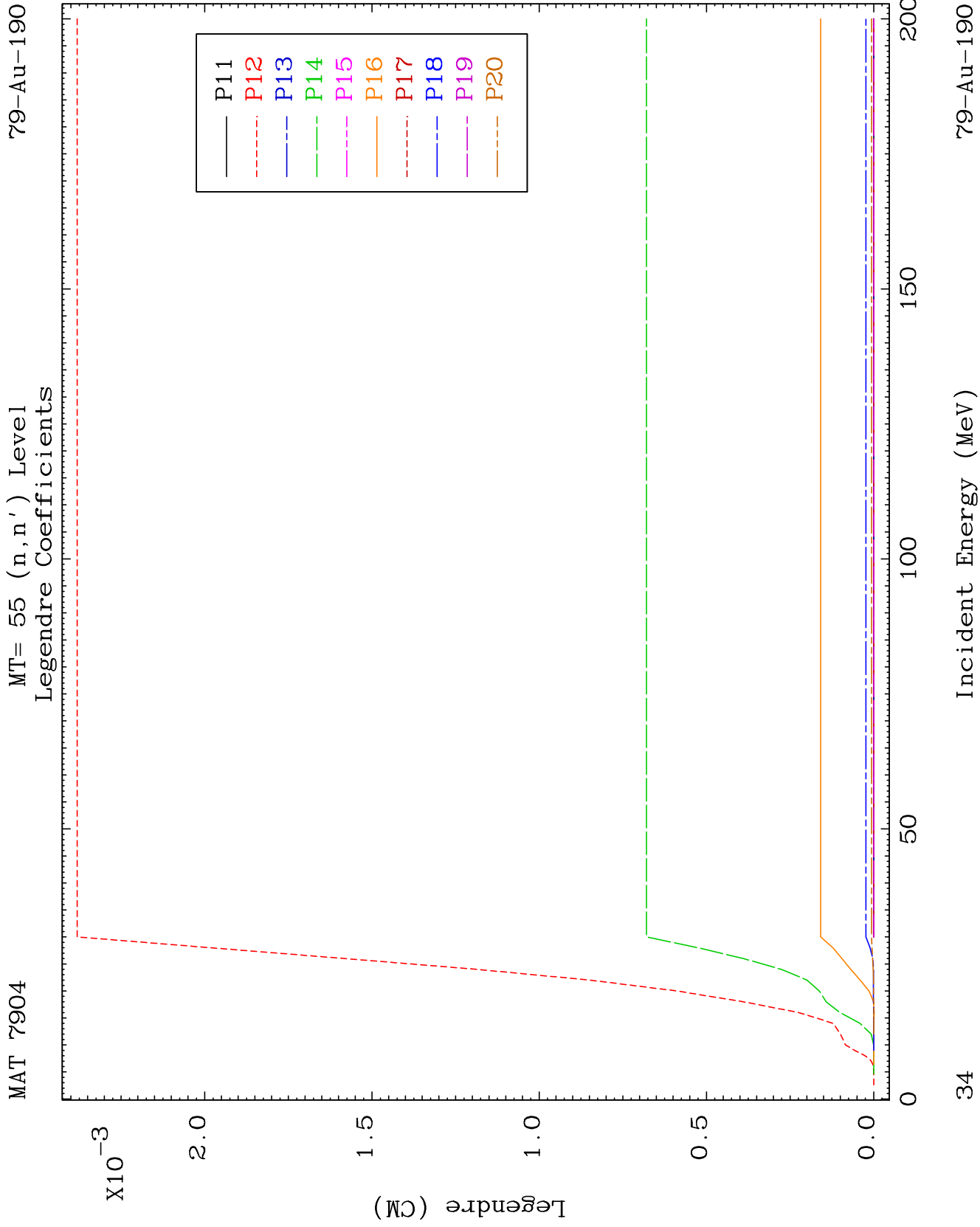


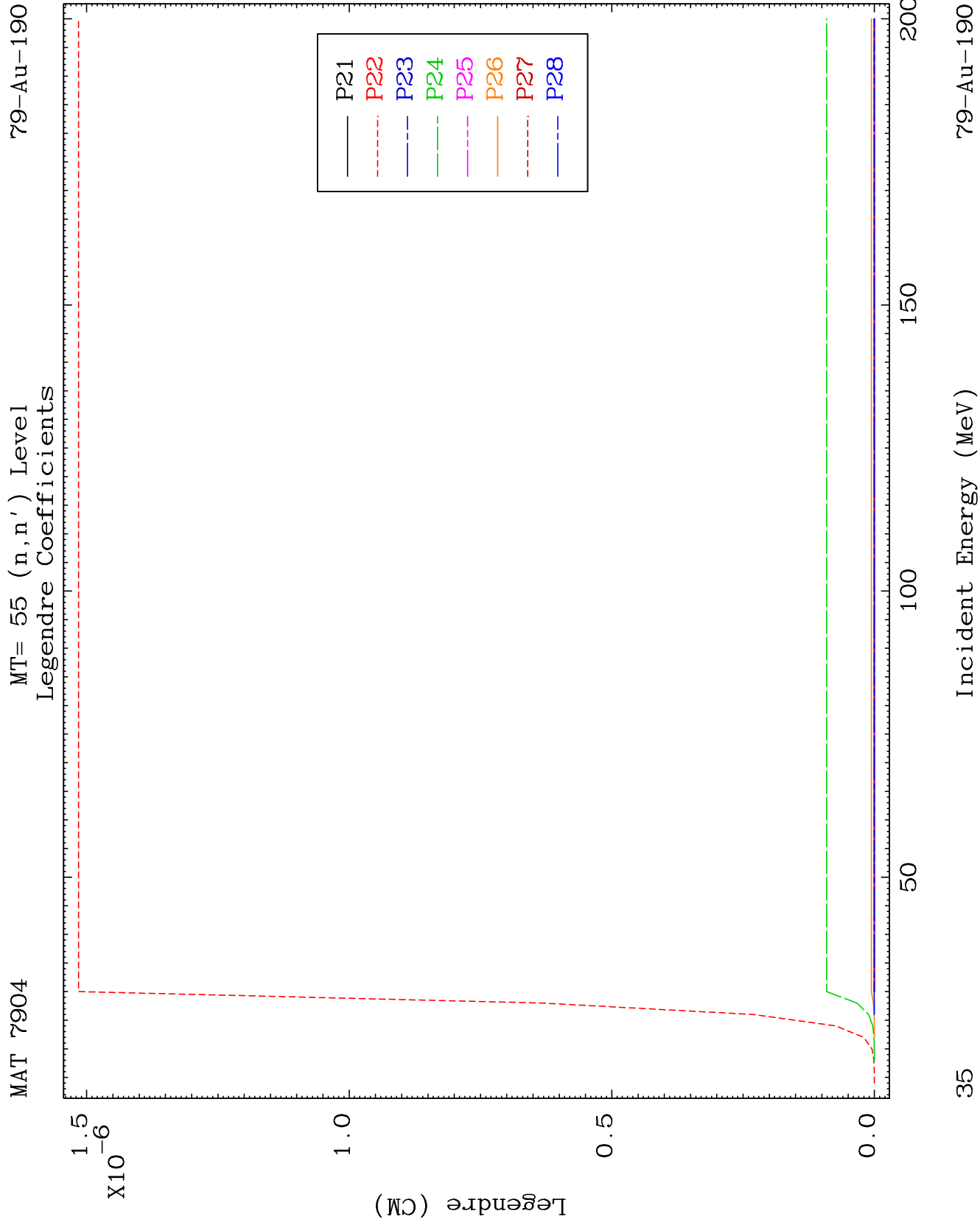
31

Incident Energy (MeV)

79-Au-190



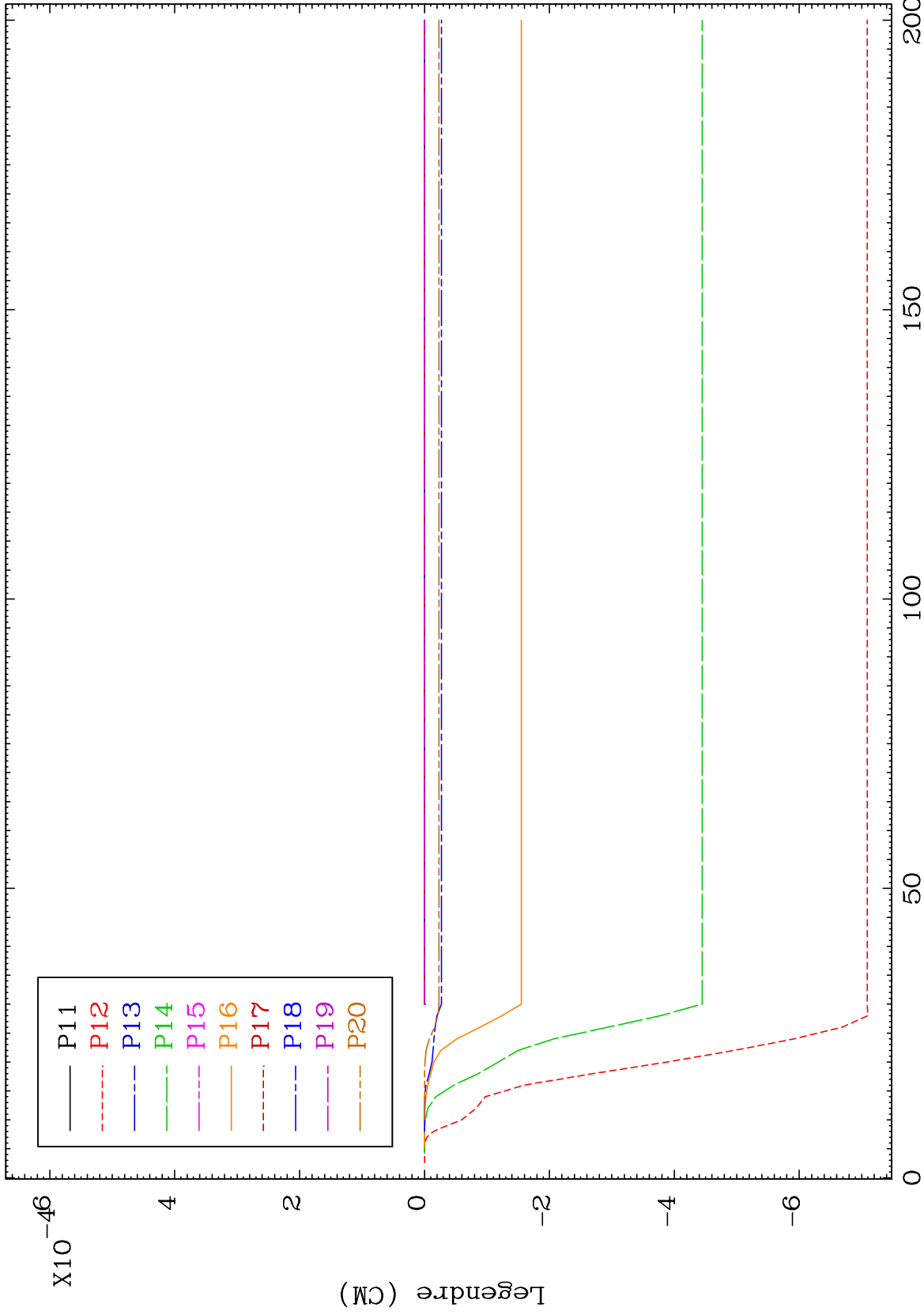




MAT 7904

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

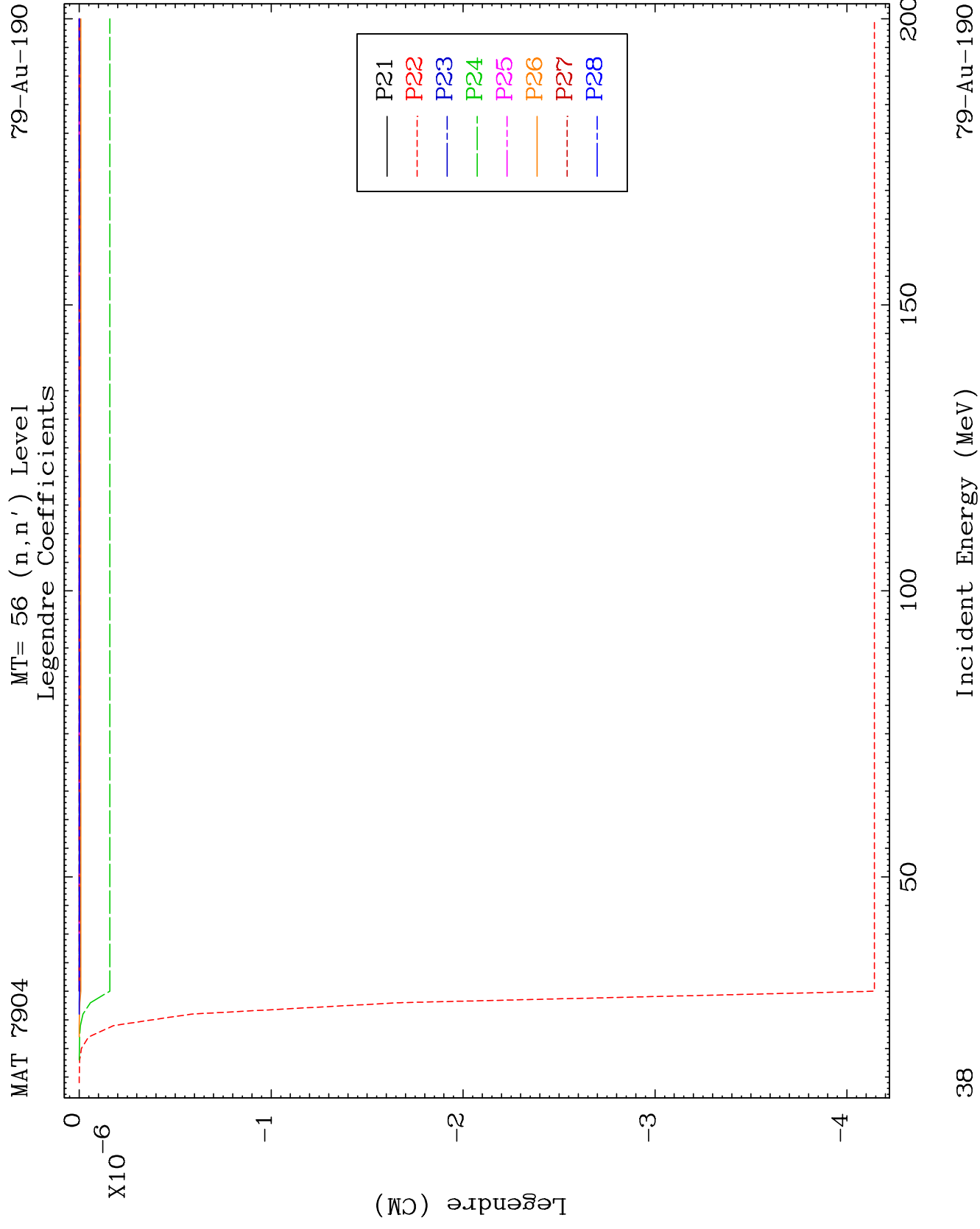
79-Au-190

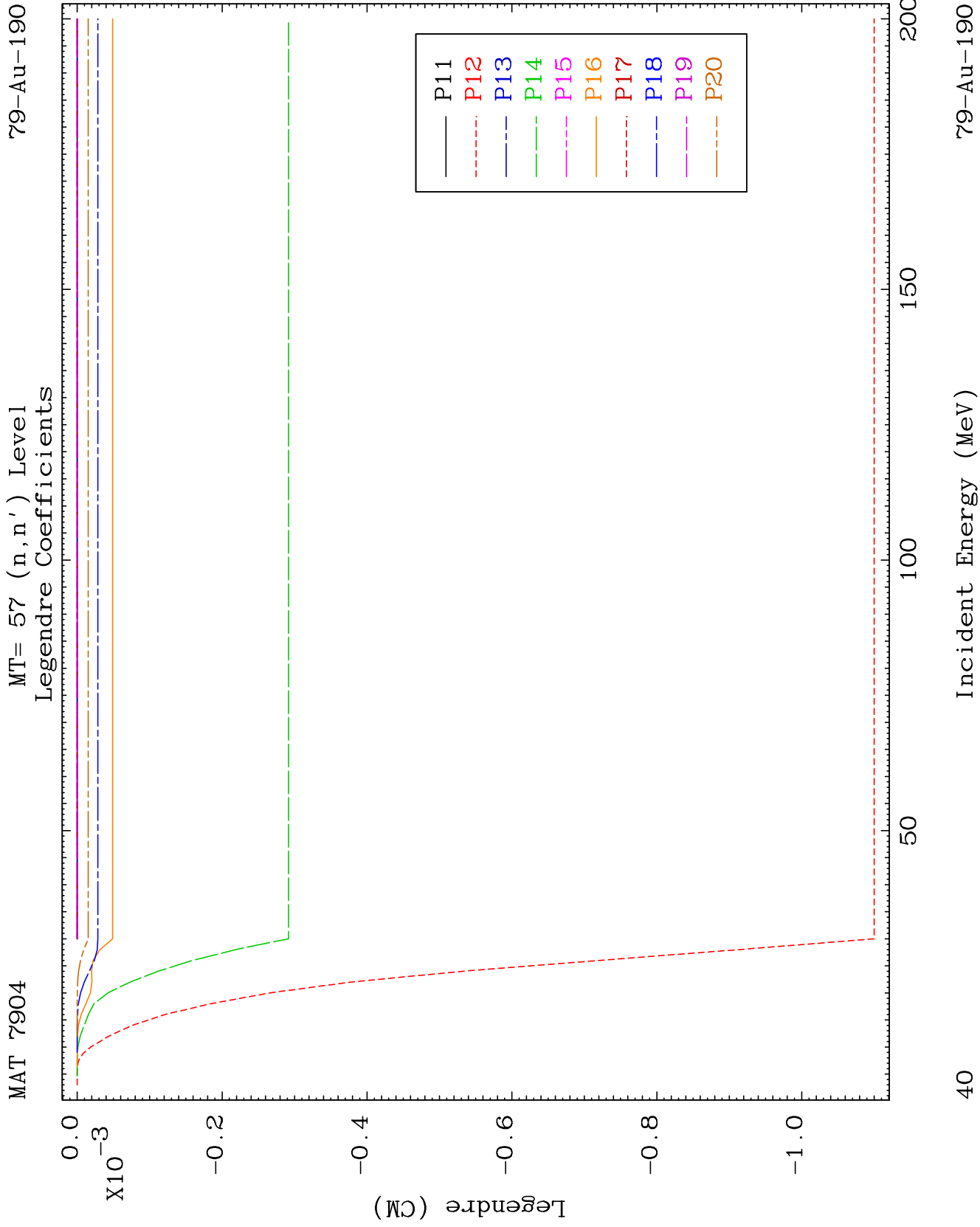


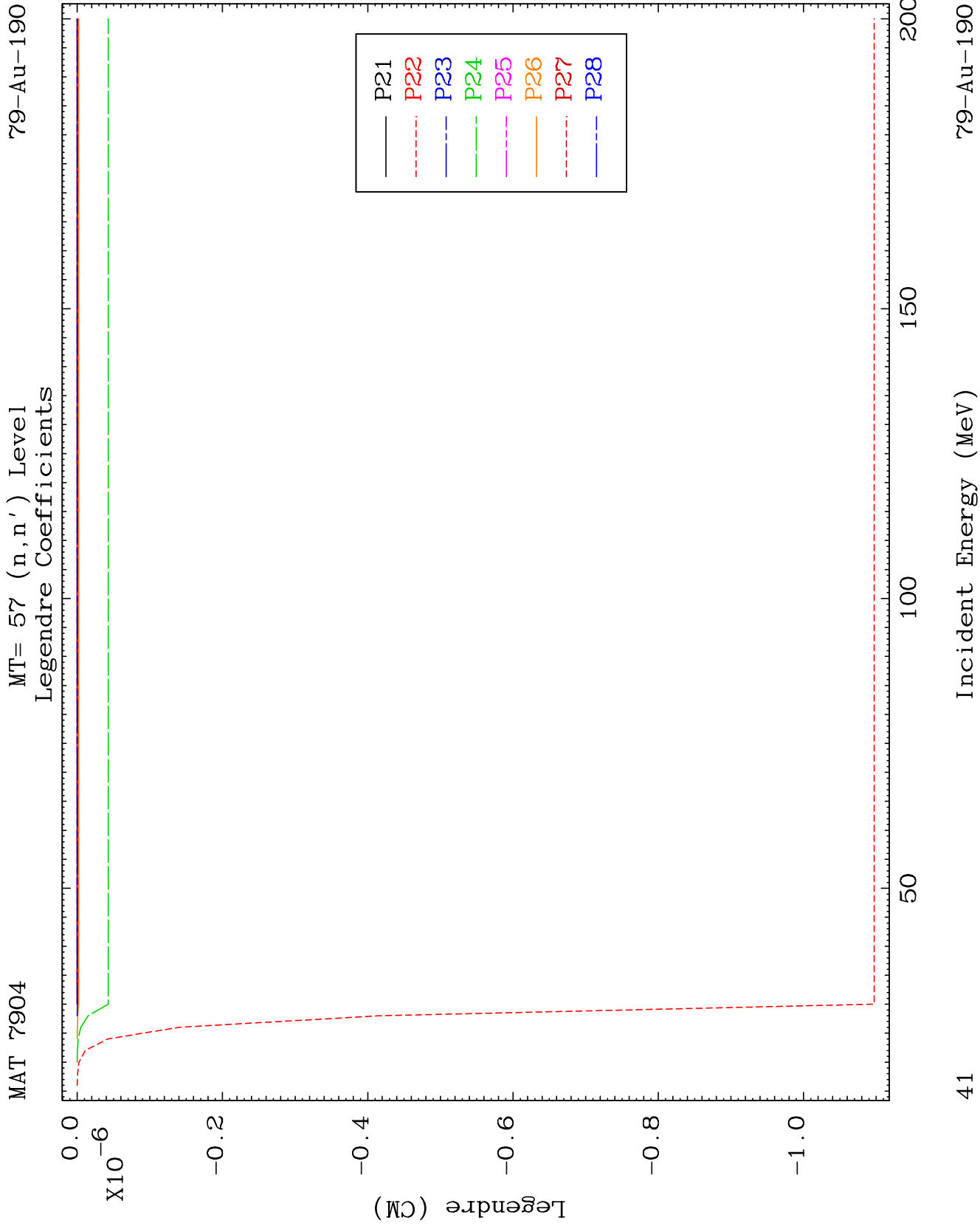
37

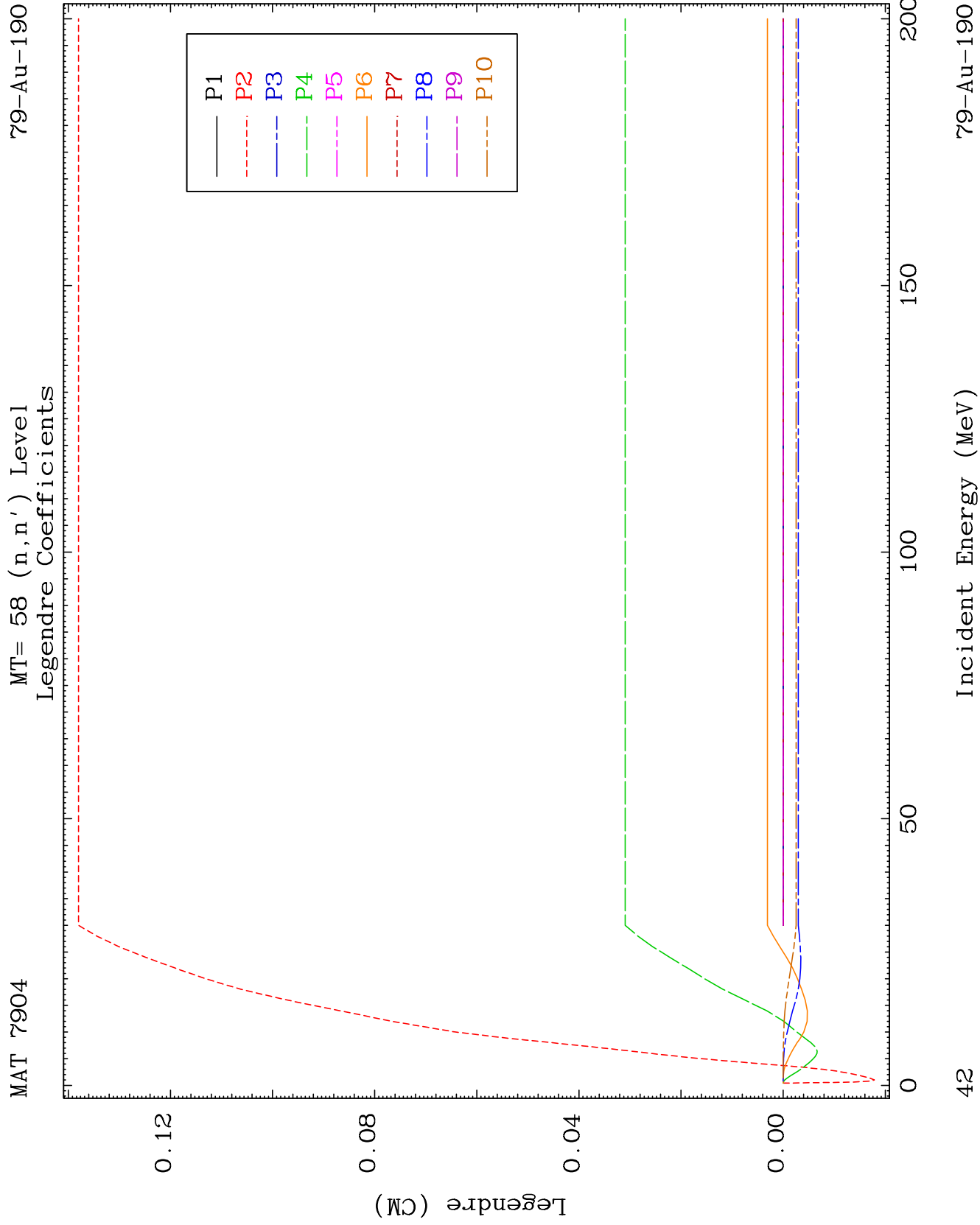
Incident Energy (MeV)

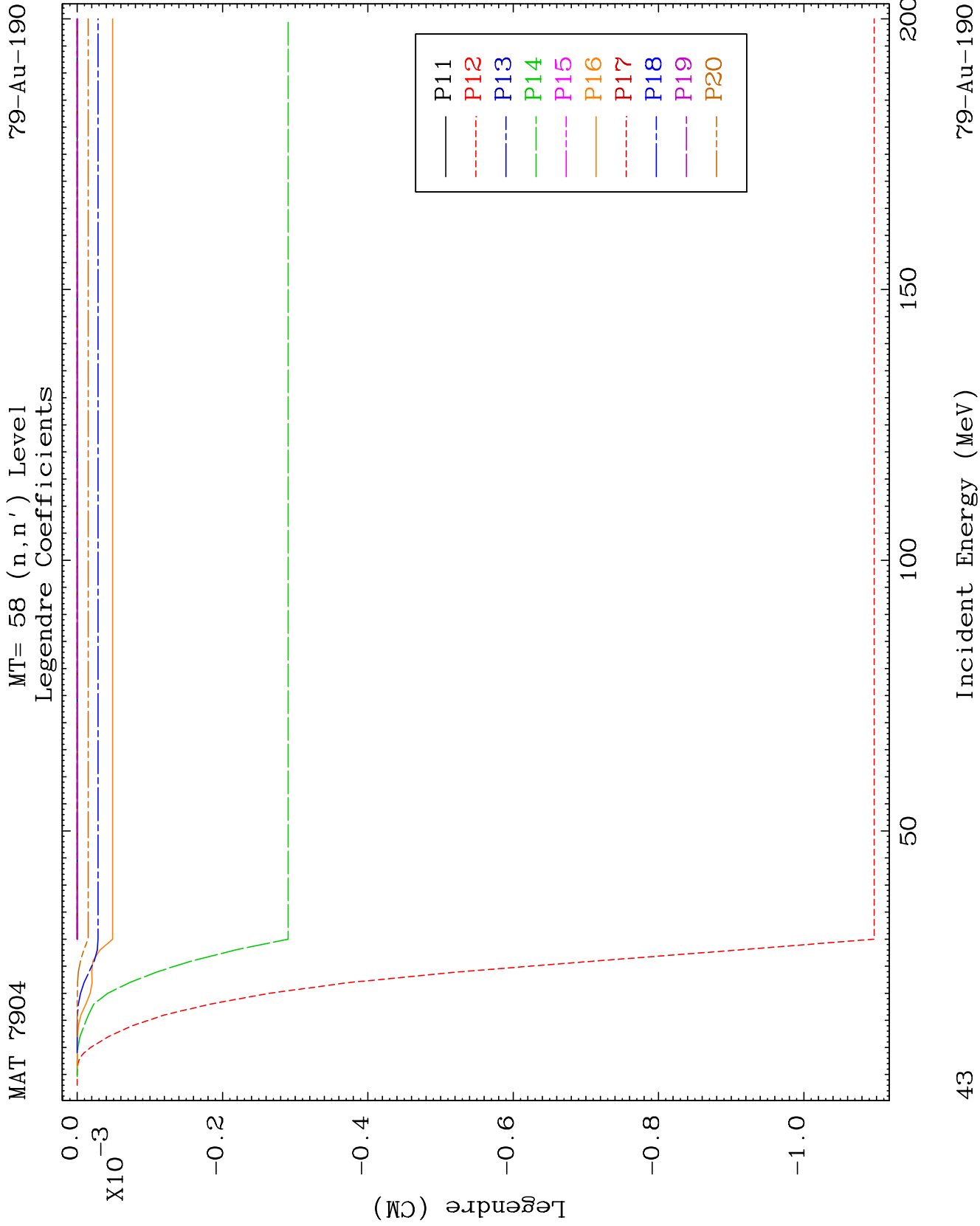
79-Au-190





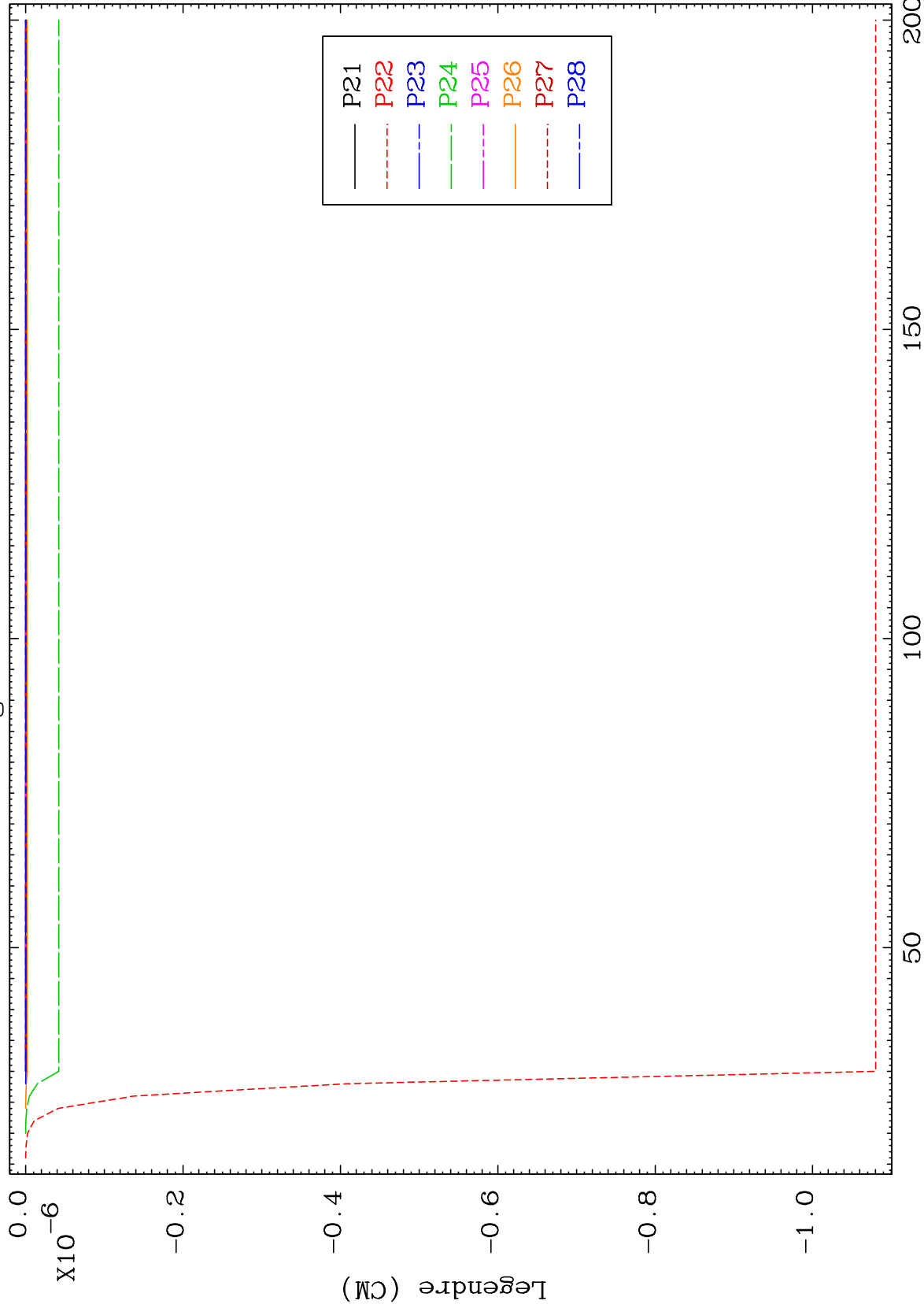






MAT 7904 MT= 58 (n,n') Level 79-Au-190

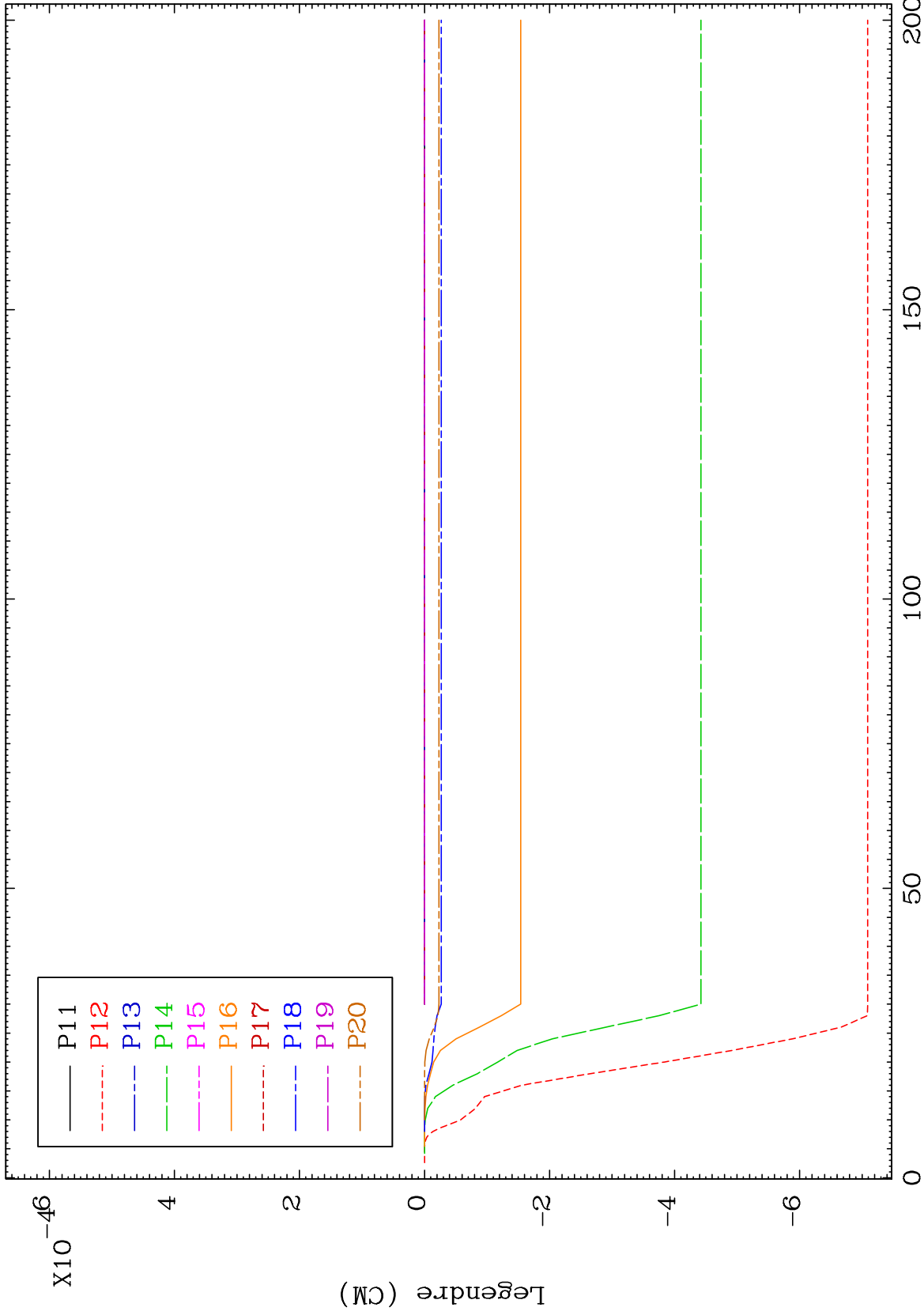
Legendre Coefficients



MAT 7904

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

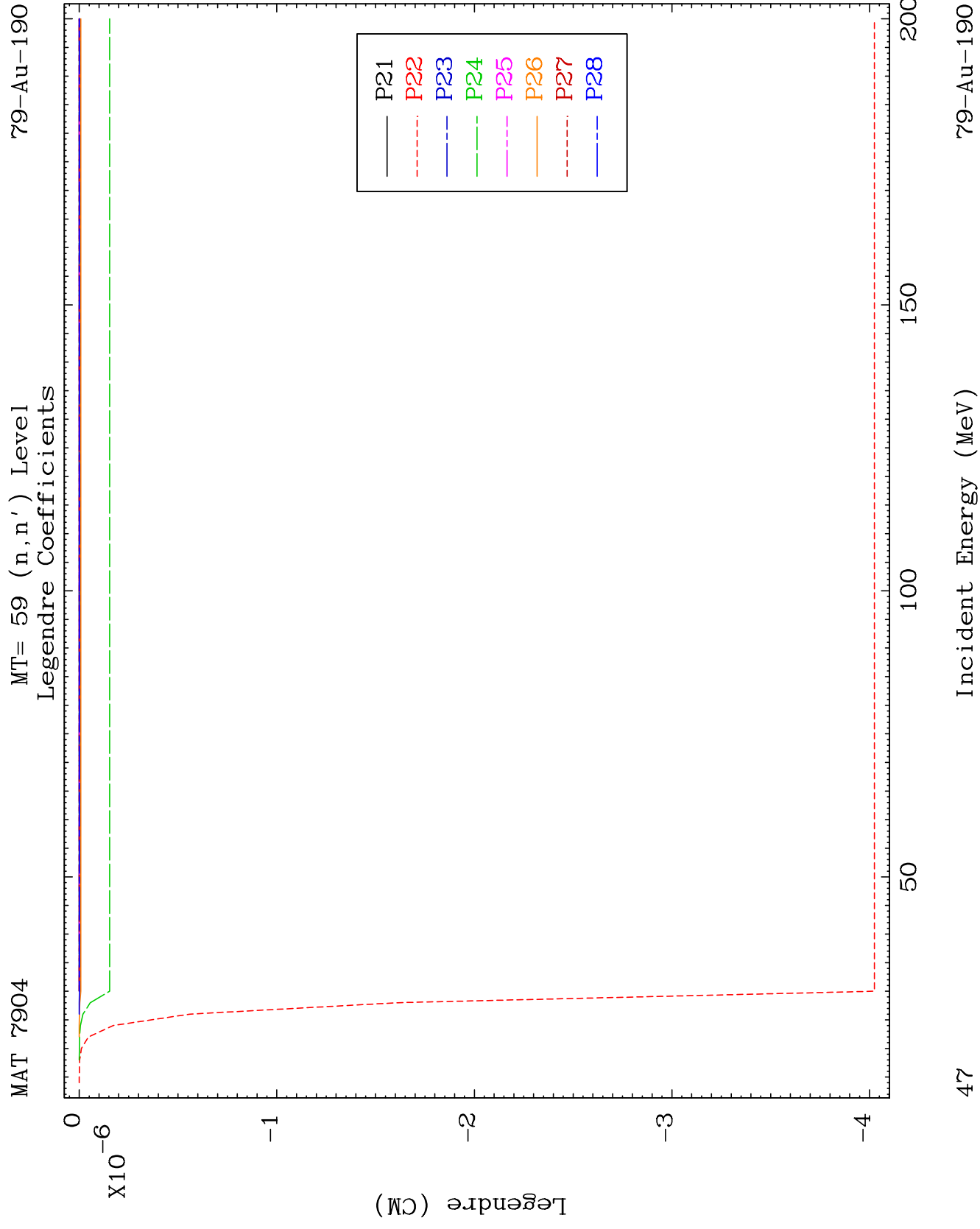
79-Au-190



46

Incident Energy (MeV)

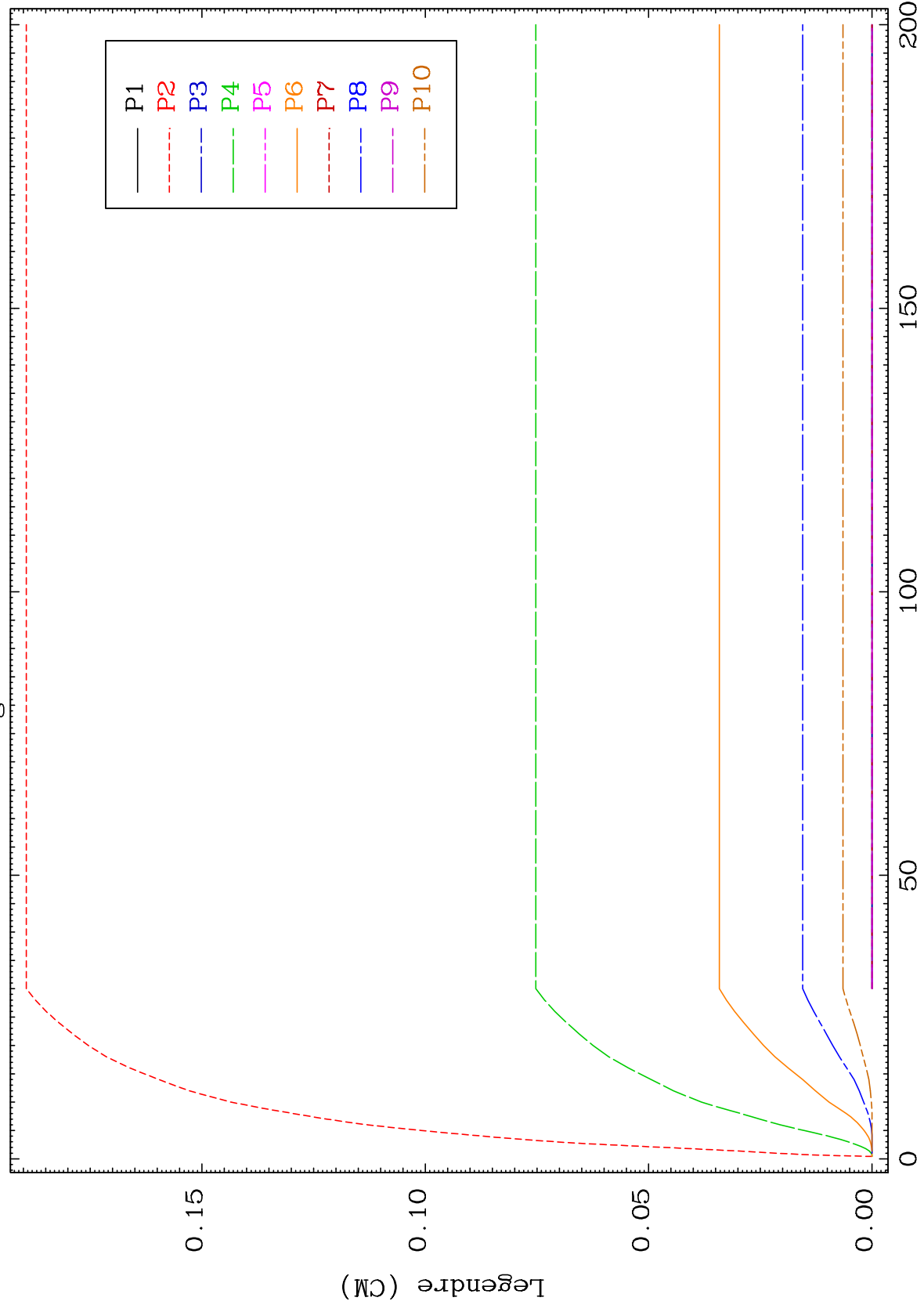
79-Au-190



MAT 7904

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

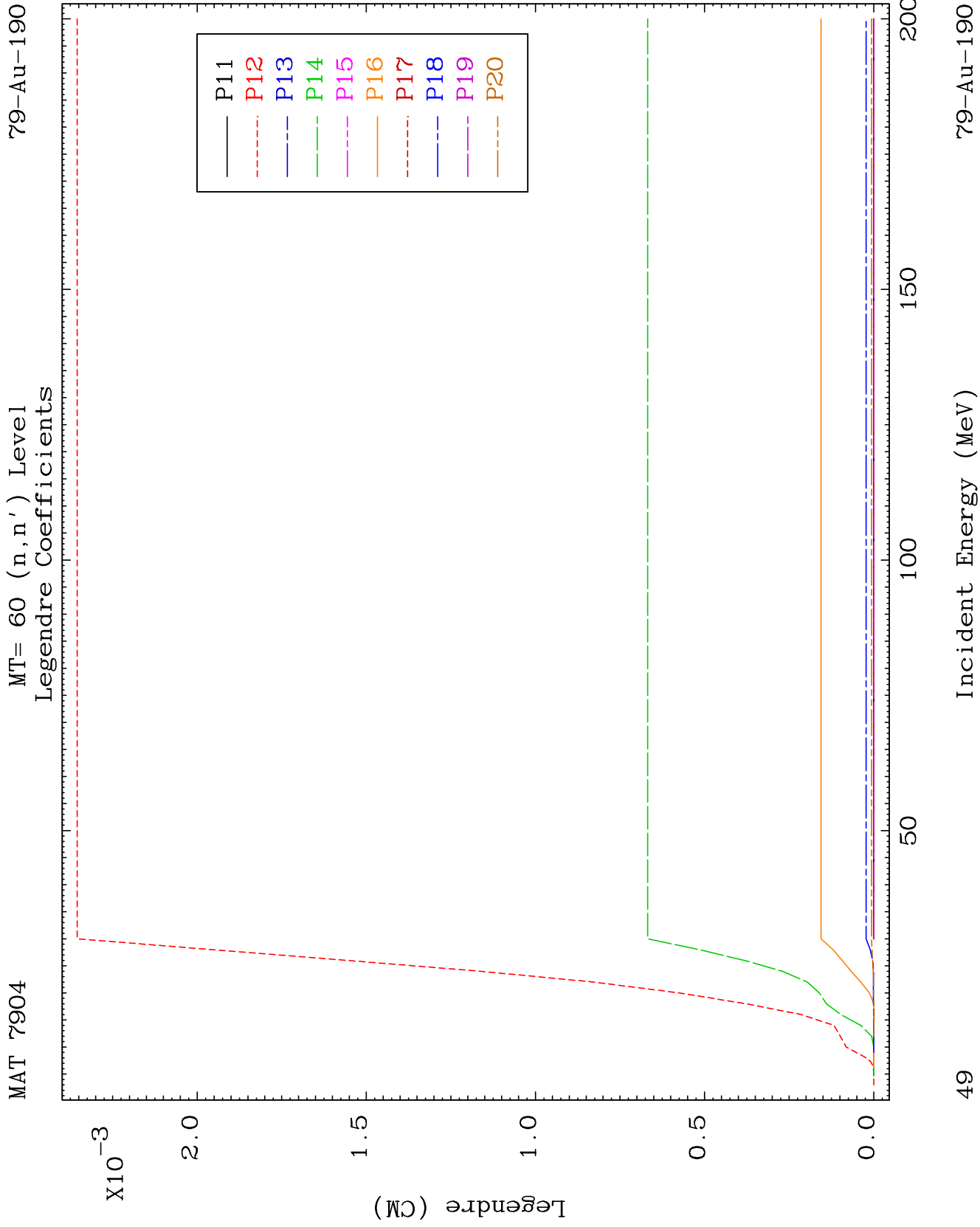
79-Au-190



48

Incident Energy (MeV)

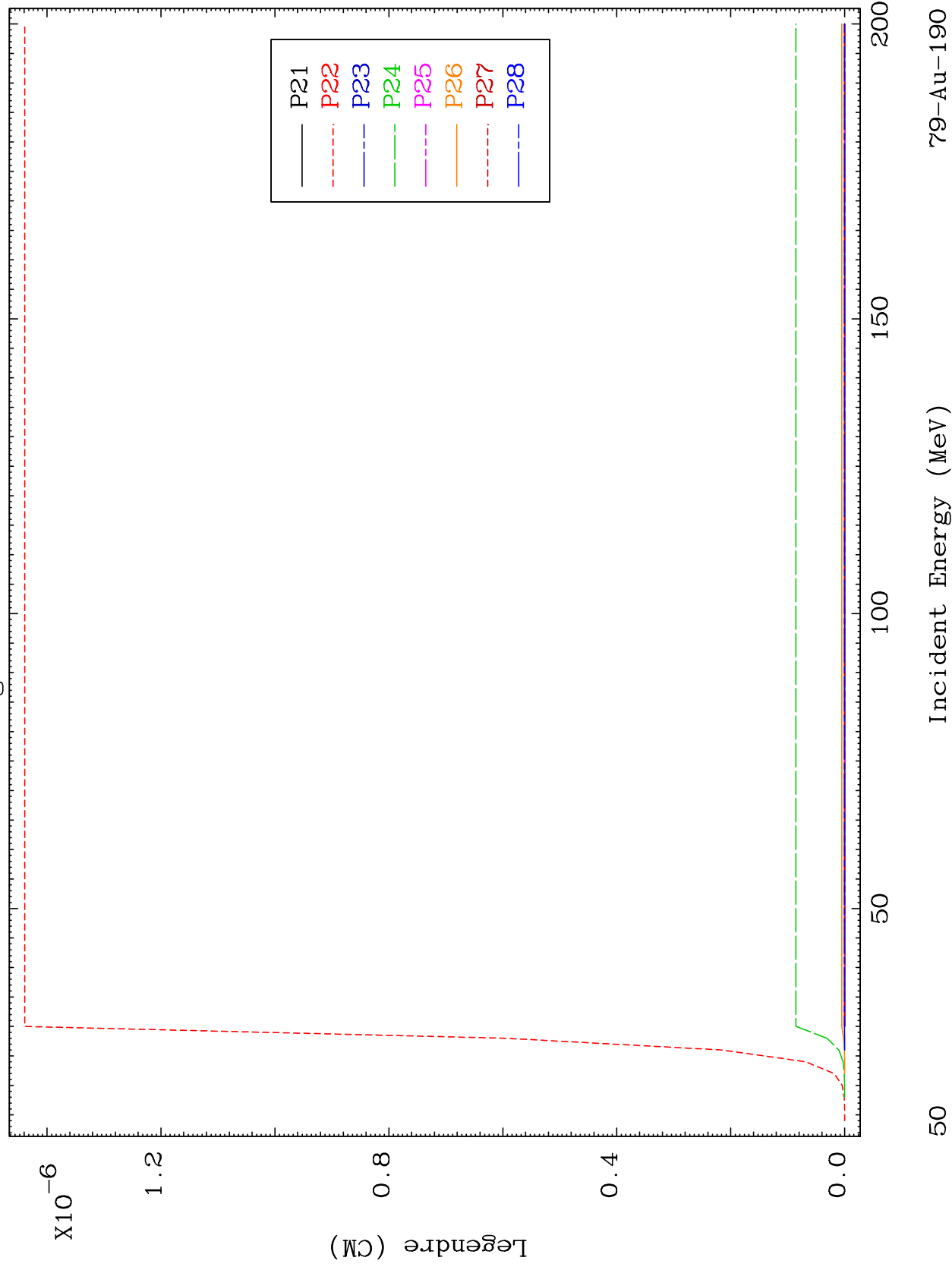
79-Au-190

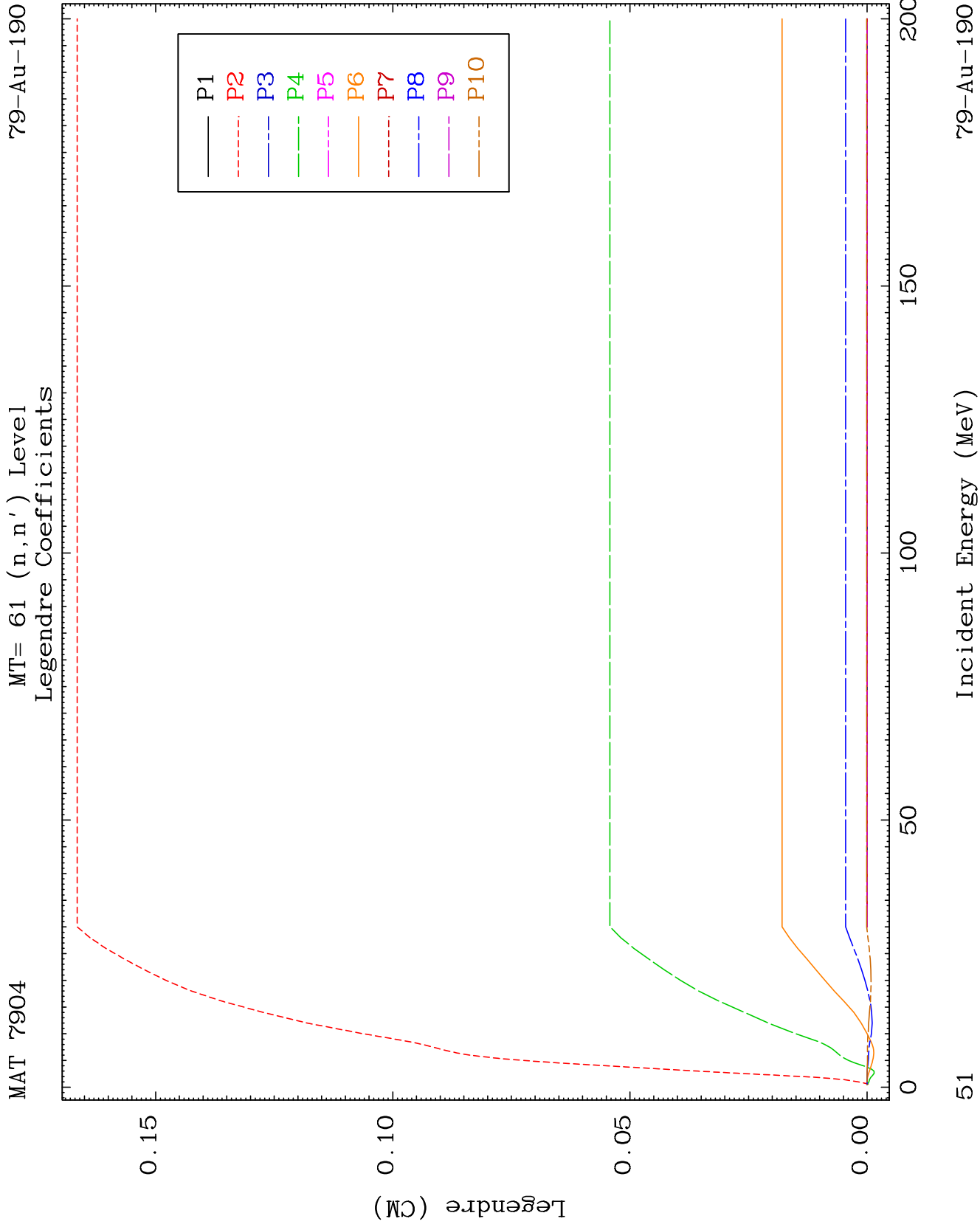


MAT 7904

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

79-Au-190

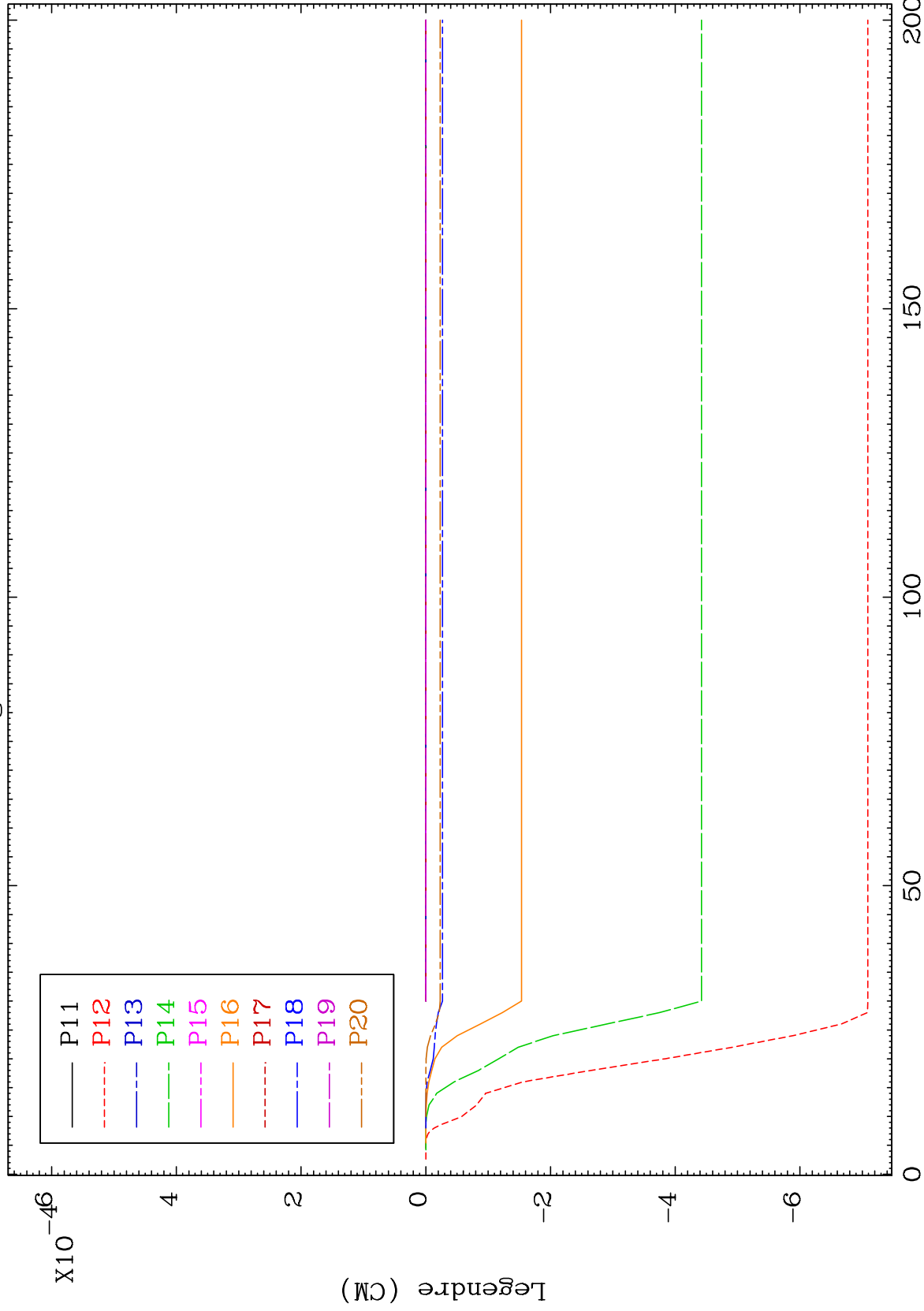




MAT 7904

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

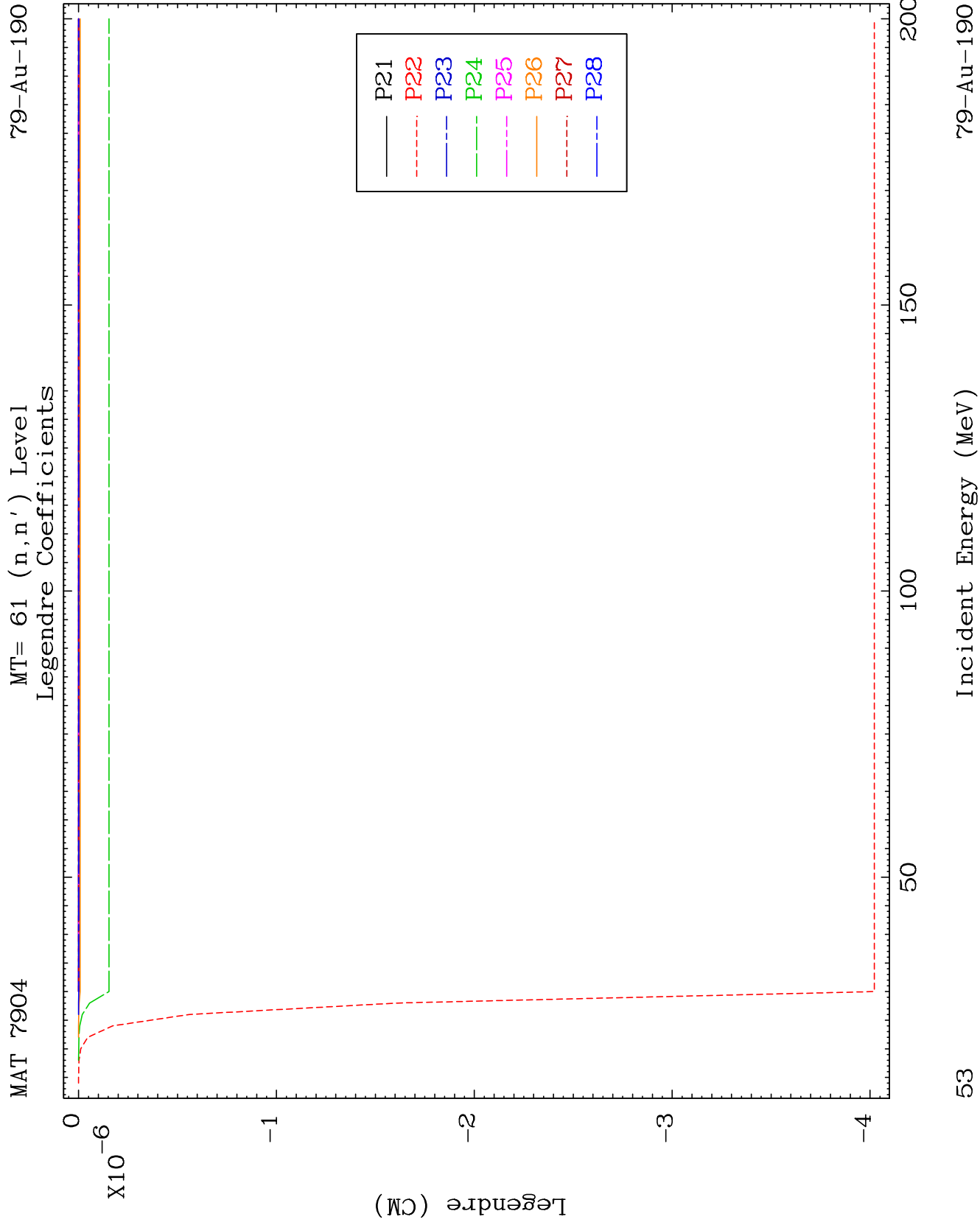
79-Au-190



52

Incident Energy (MeV)

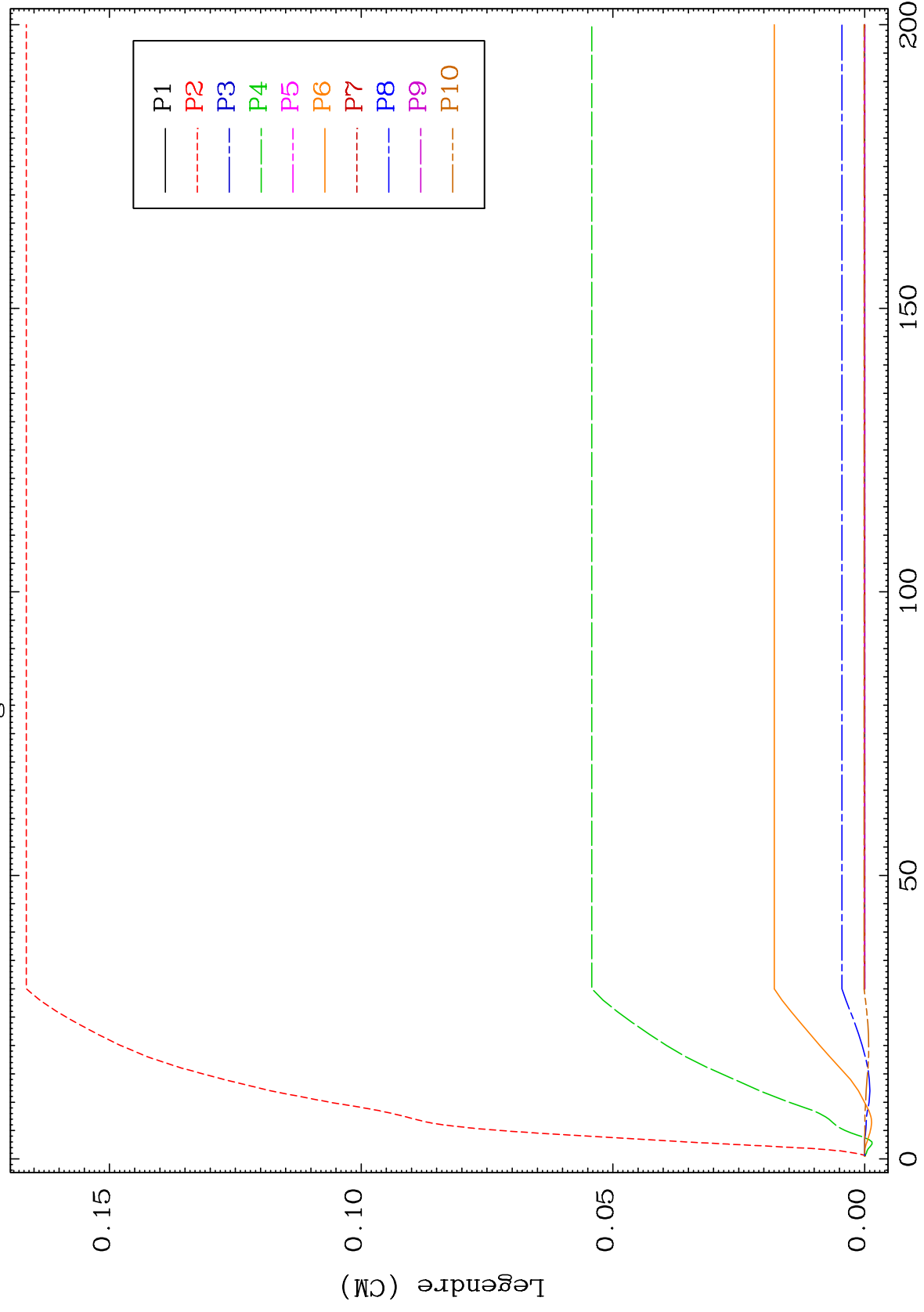
79-Au-190



MAT 7904

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

79-Au-190



54

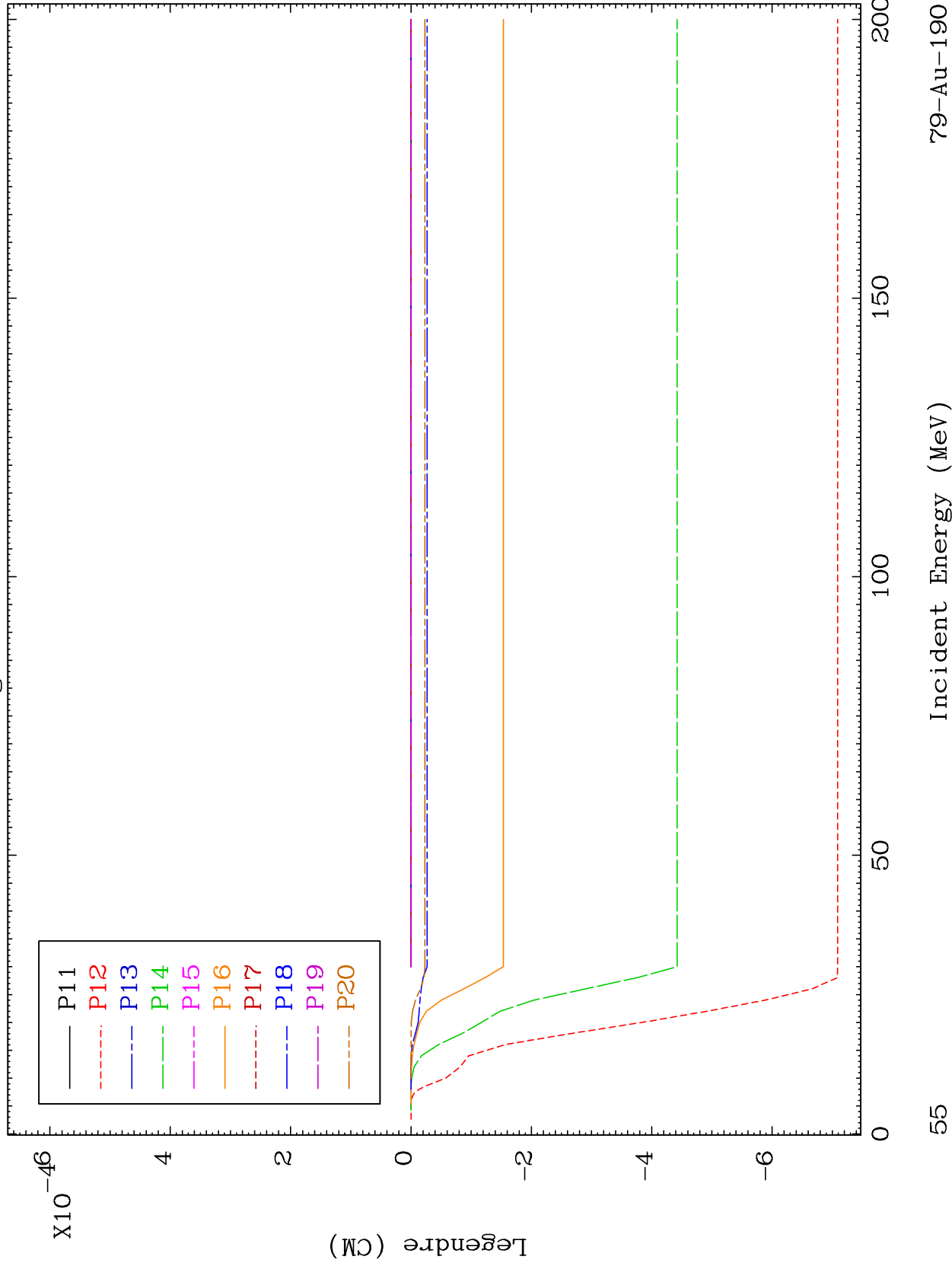
Incident Energy (MeV)

79-Au-190

MAT 7904

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

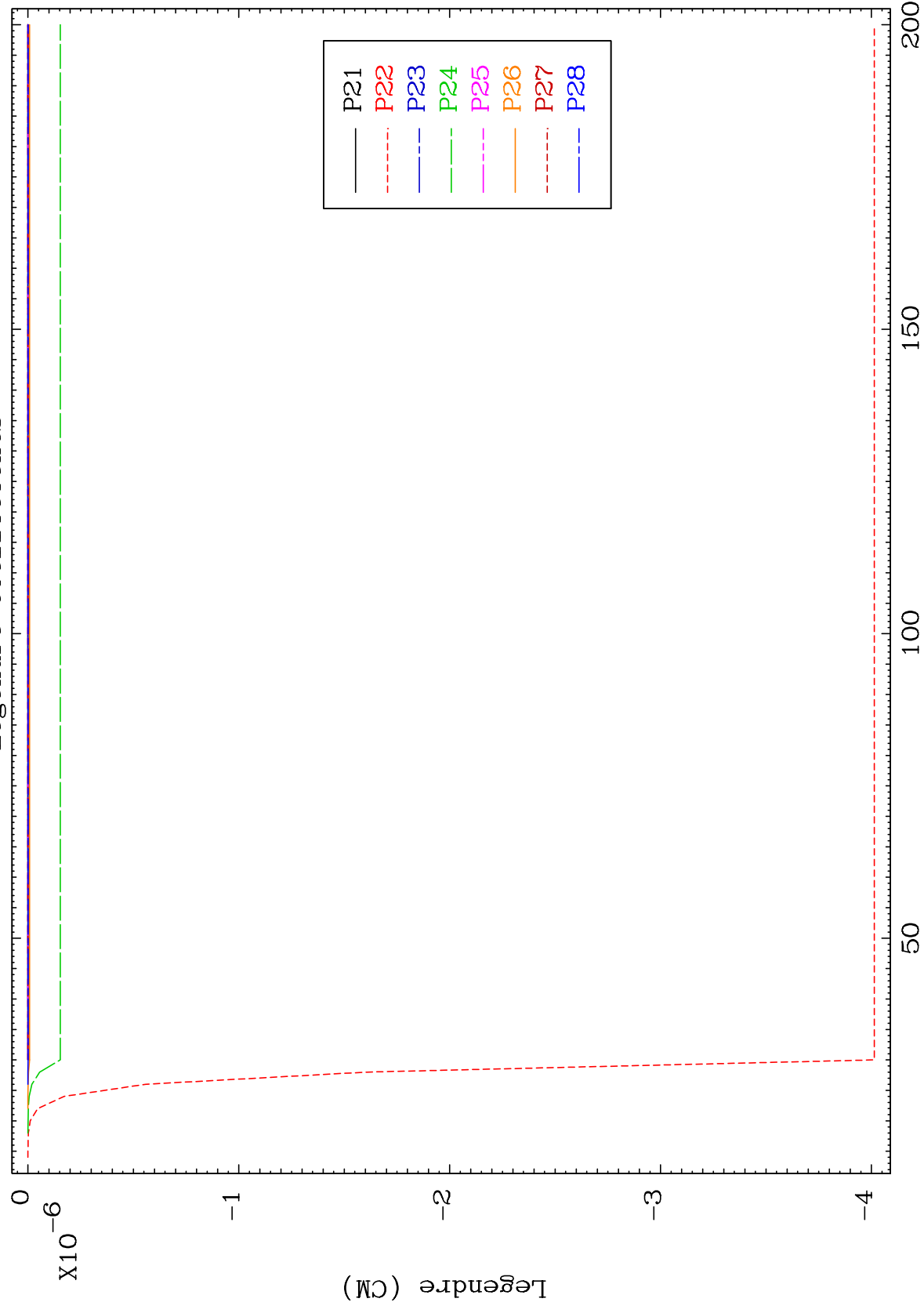
79-Au-190

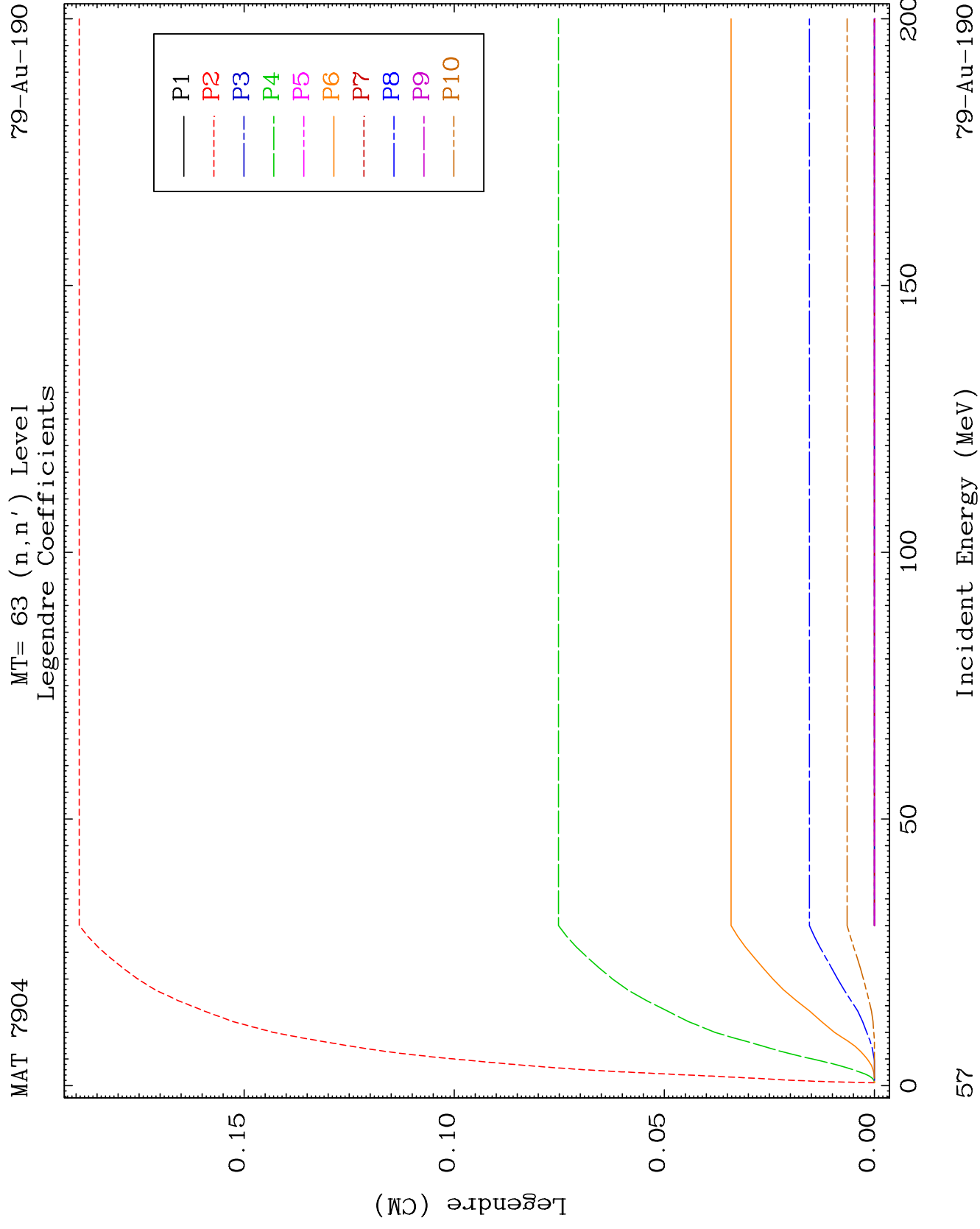


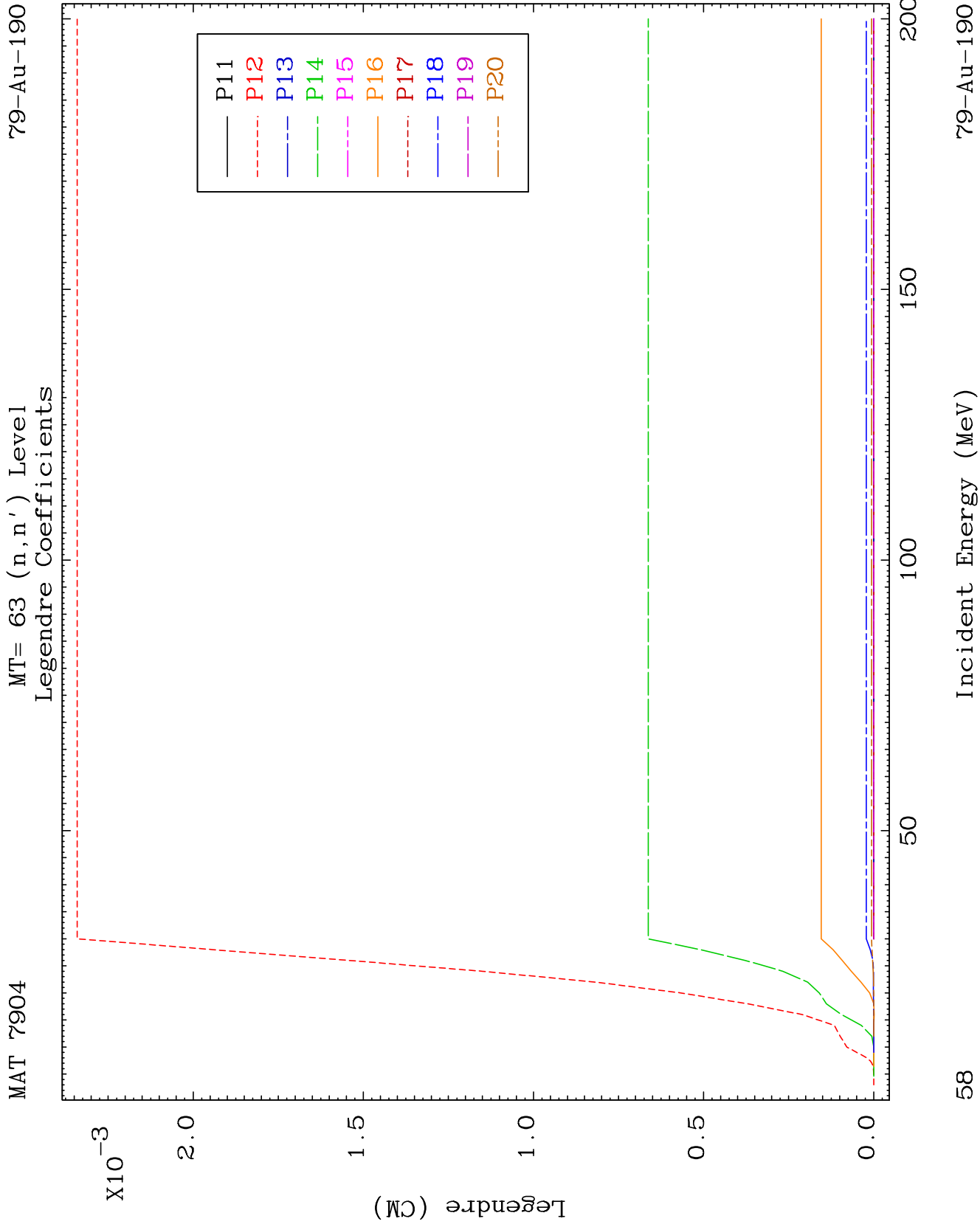
MAT 7904

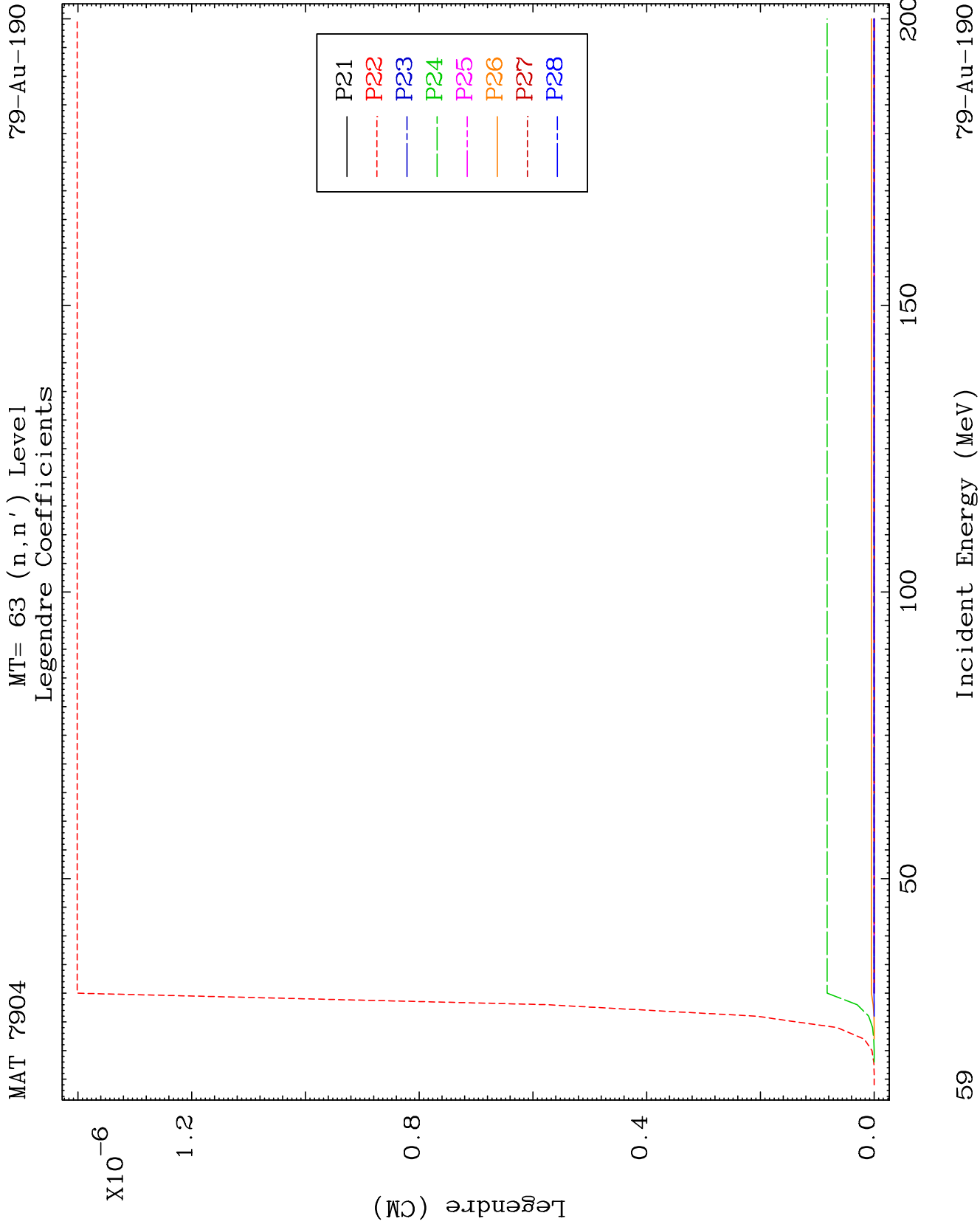
MT= 62 (n, n') Level
Legendre Coefficients

79-Au-190



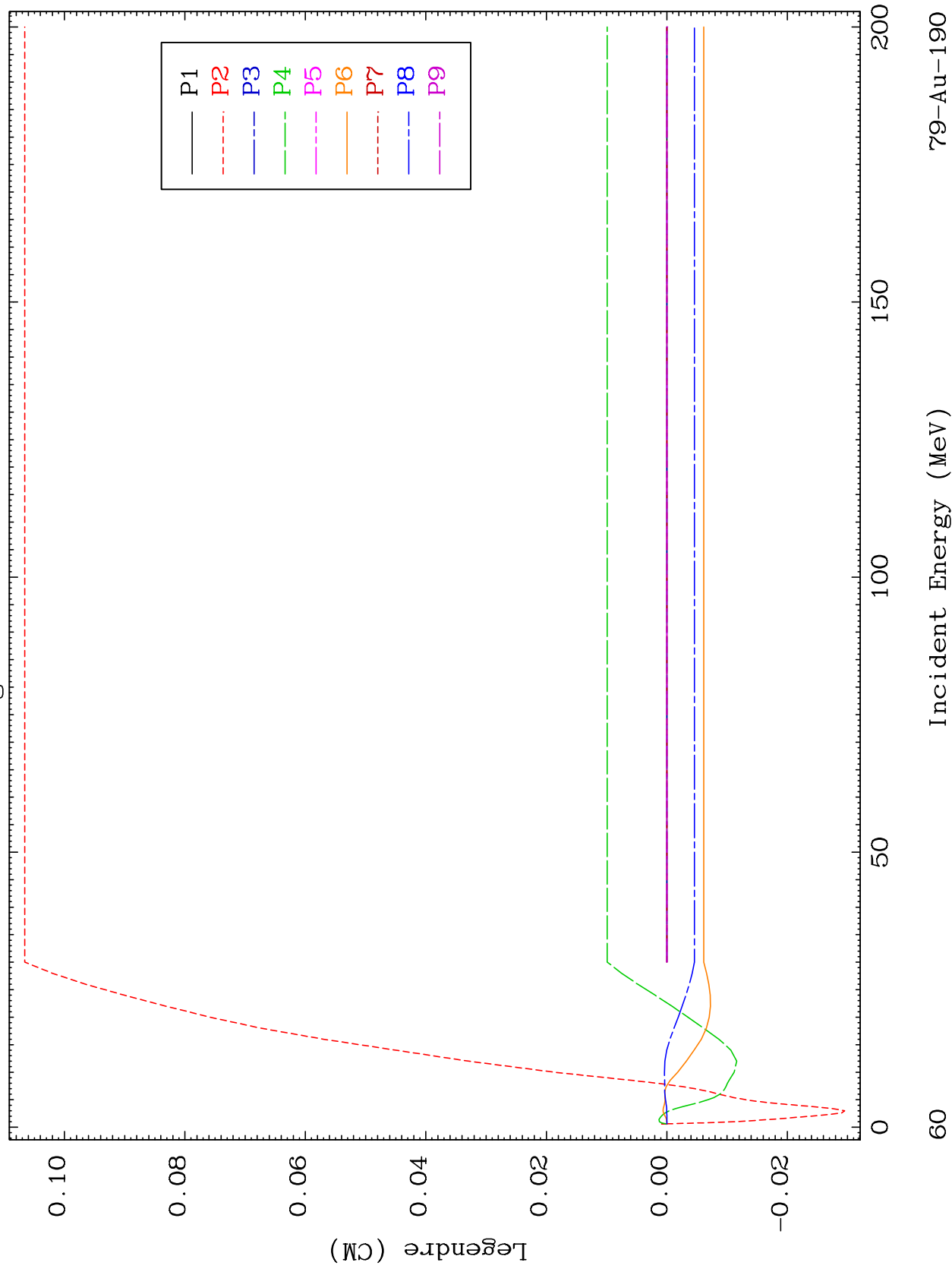


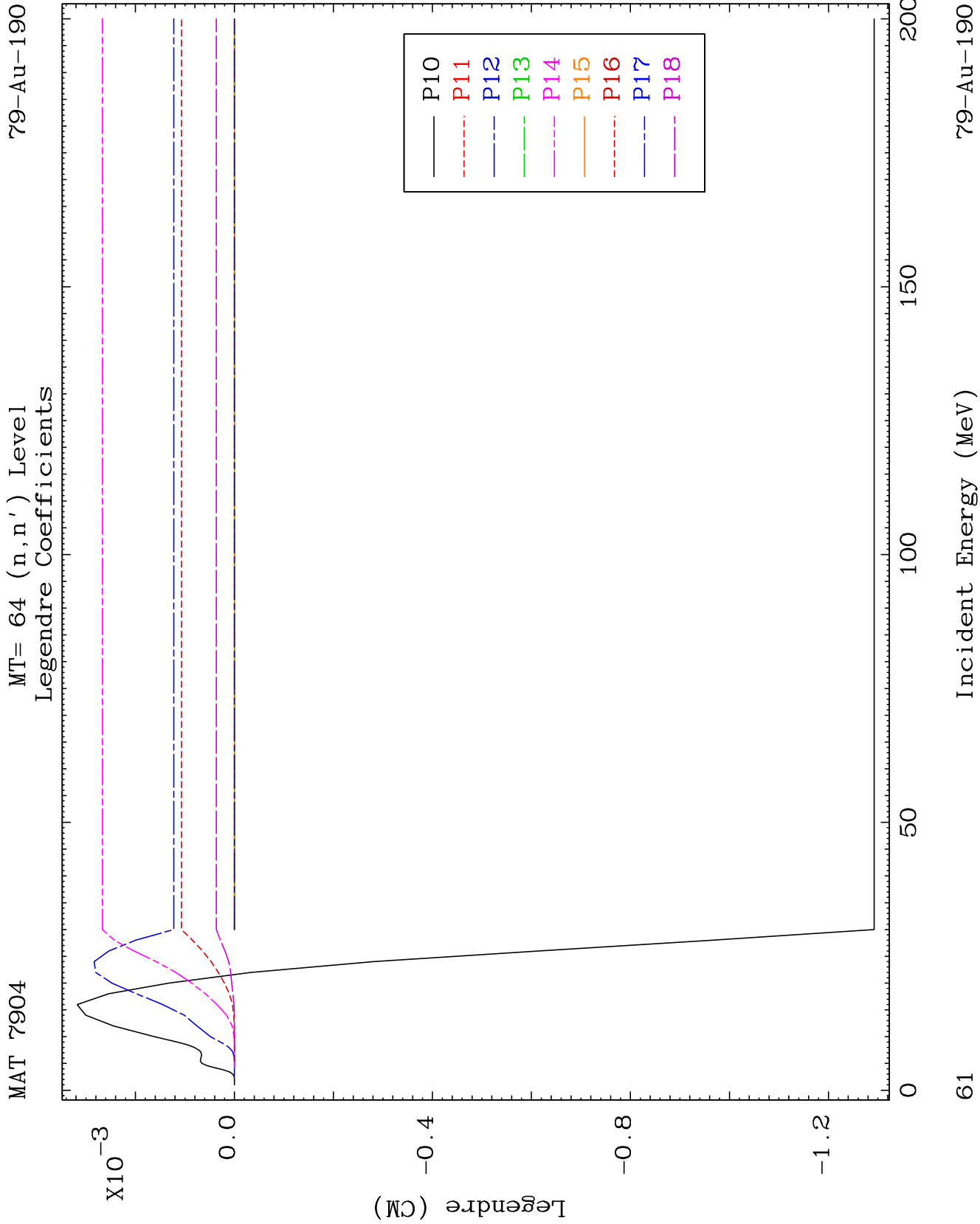


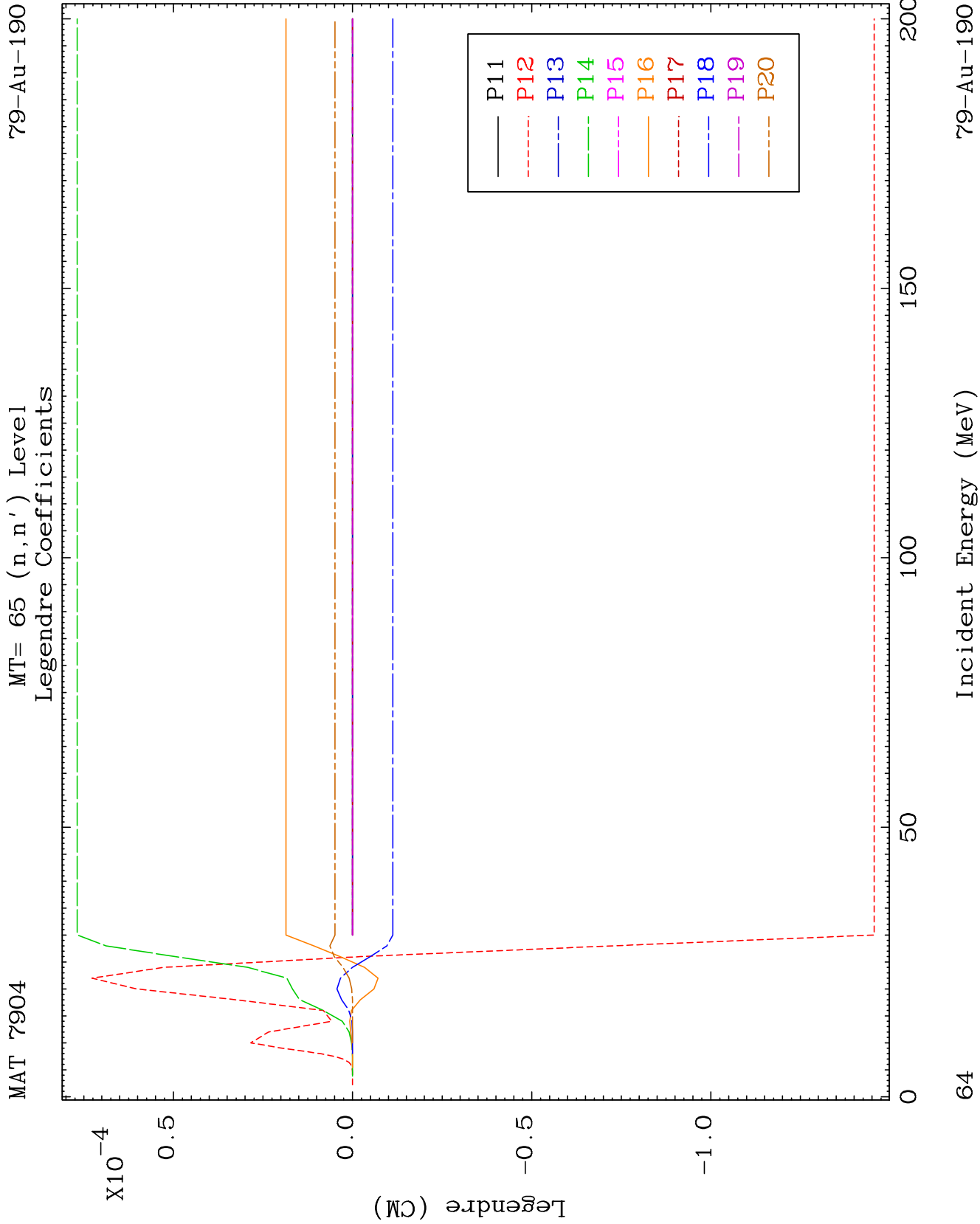


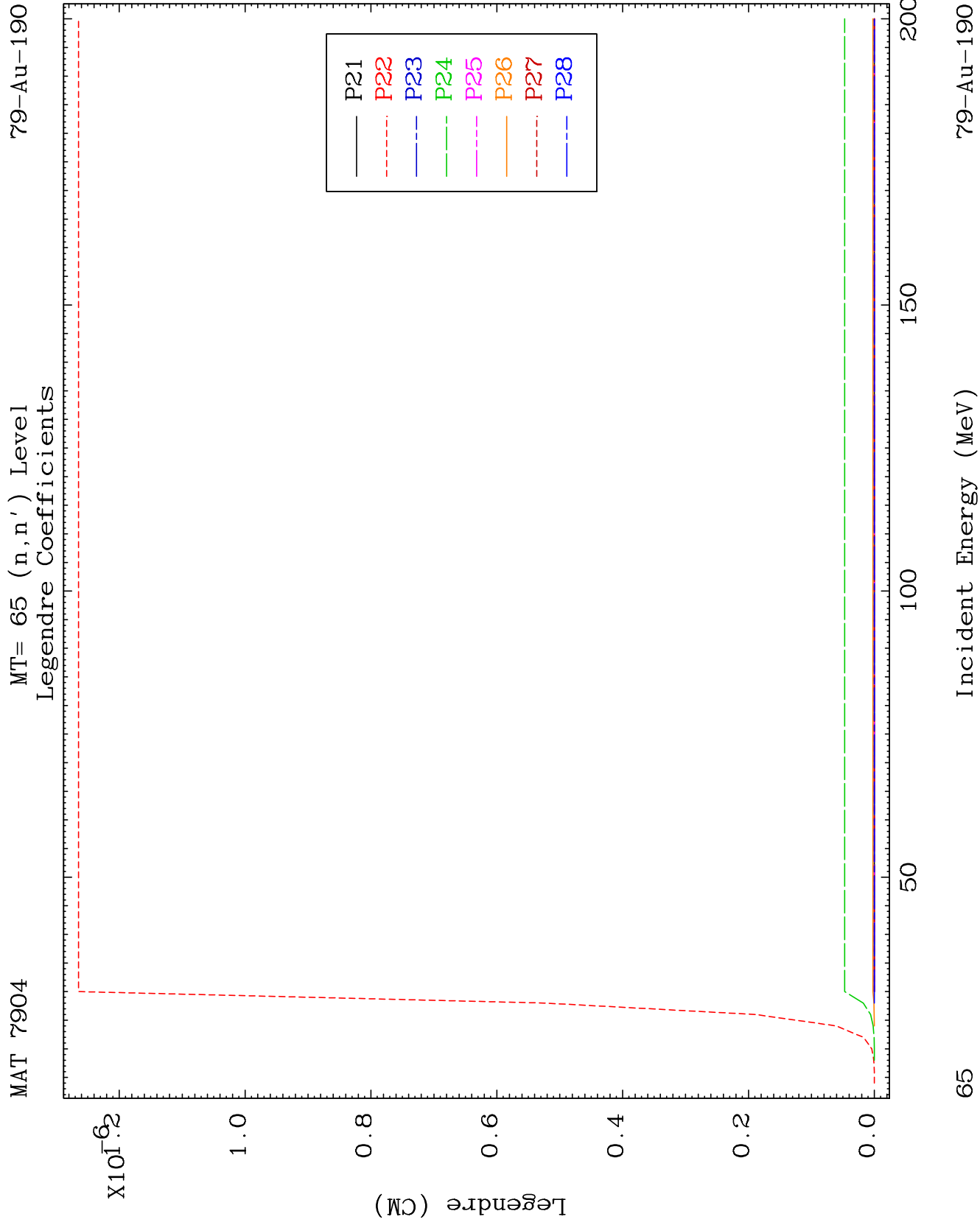
MAT 7904

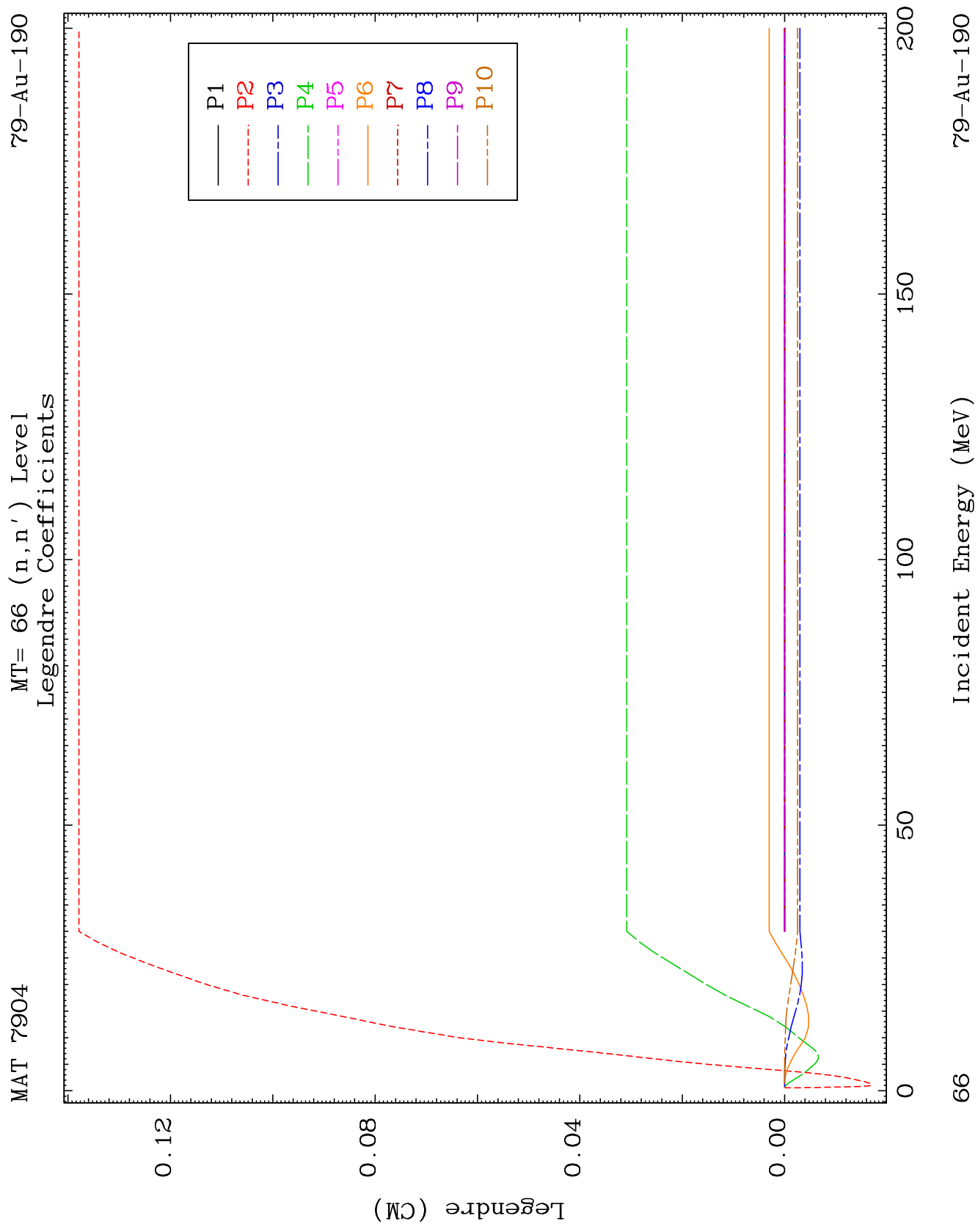
MT= 64 (n, n') Level
Legendre Coefficients

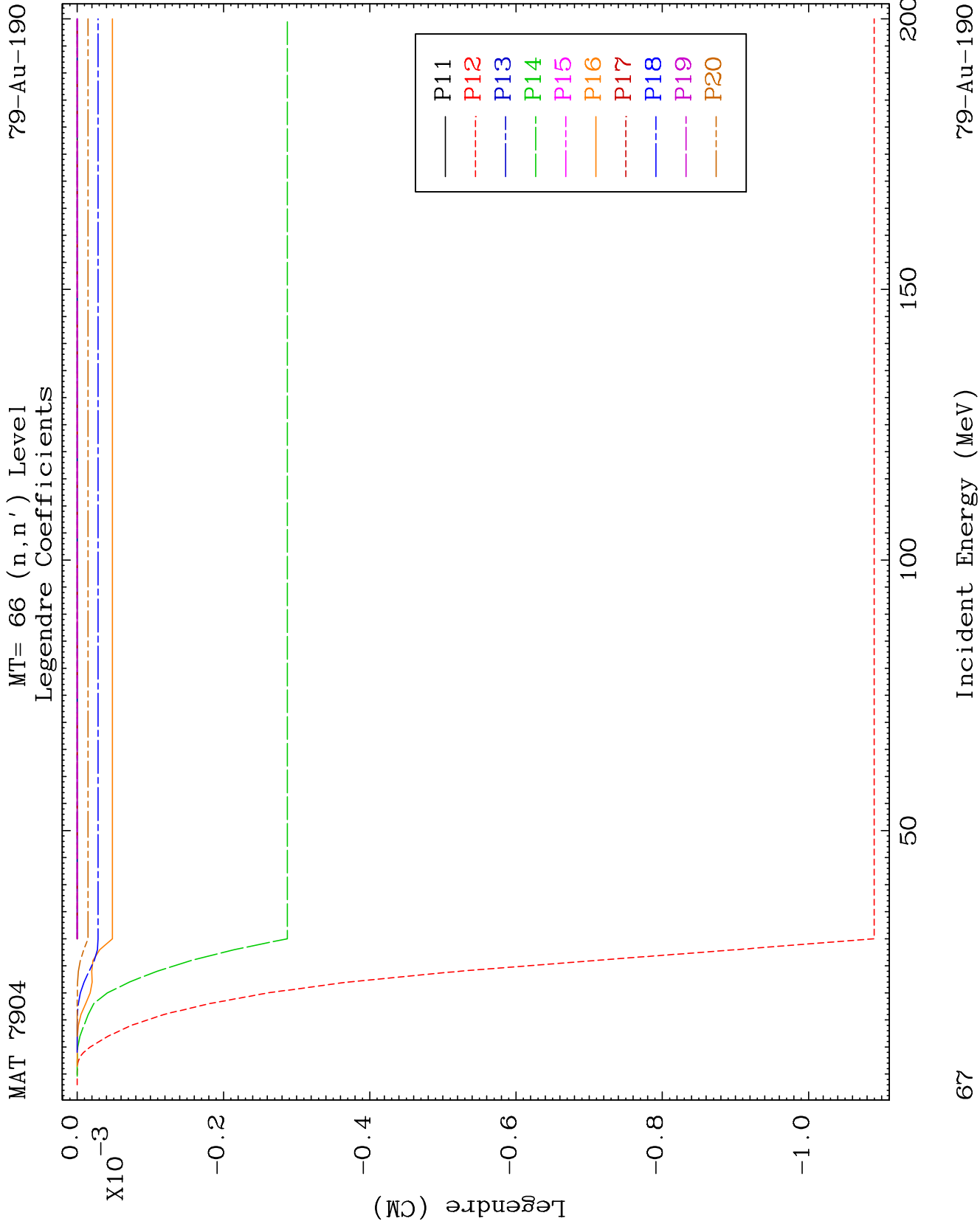
 $^{79}\text{Au}-190$ 



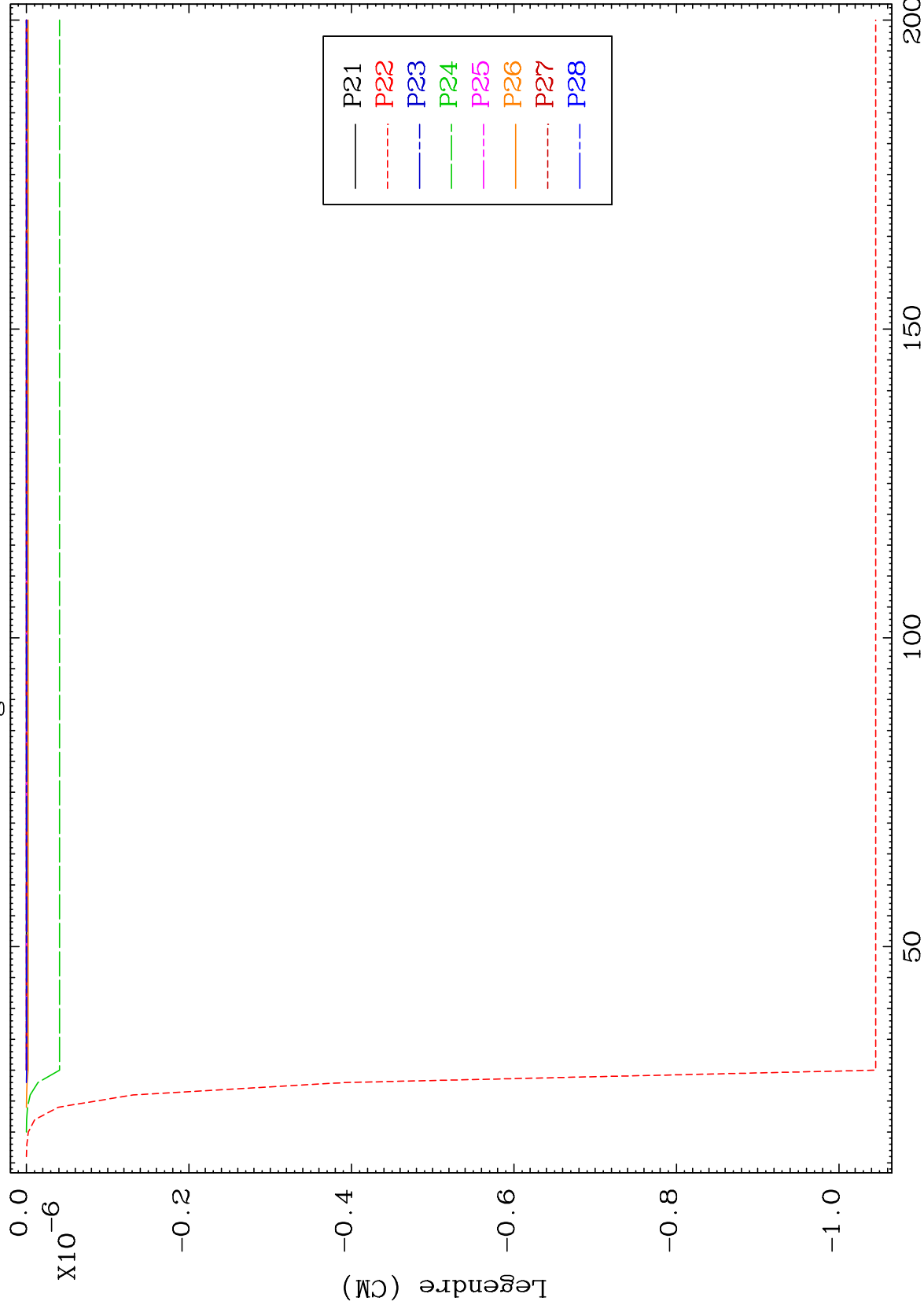




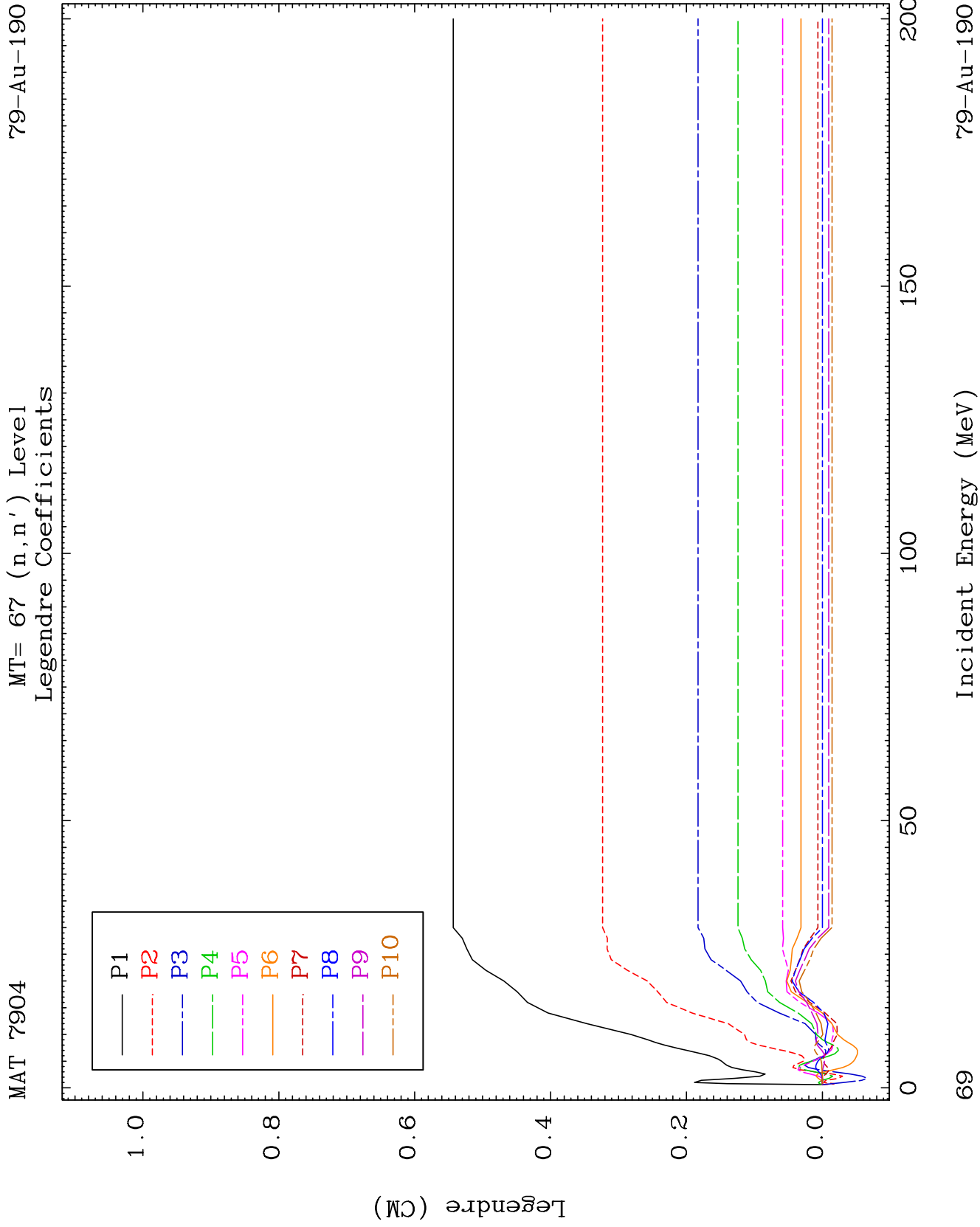




MAT 7904 MT= 66 (n,n') Level Legendre Coefficients 79-Au-190

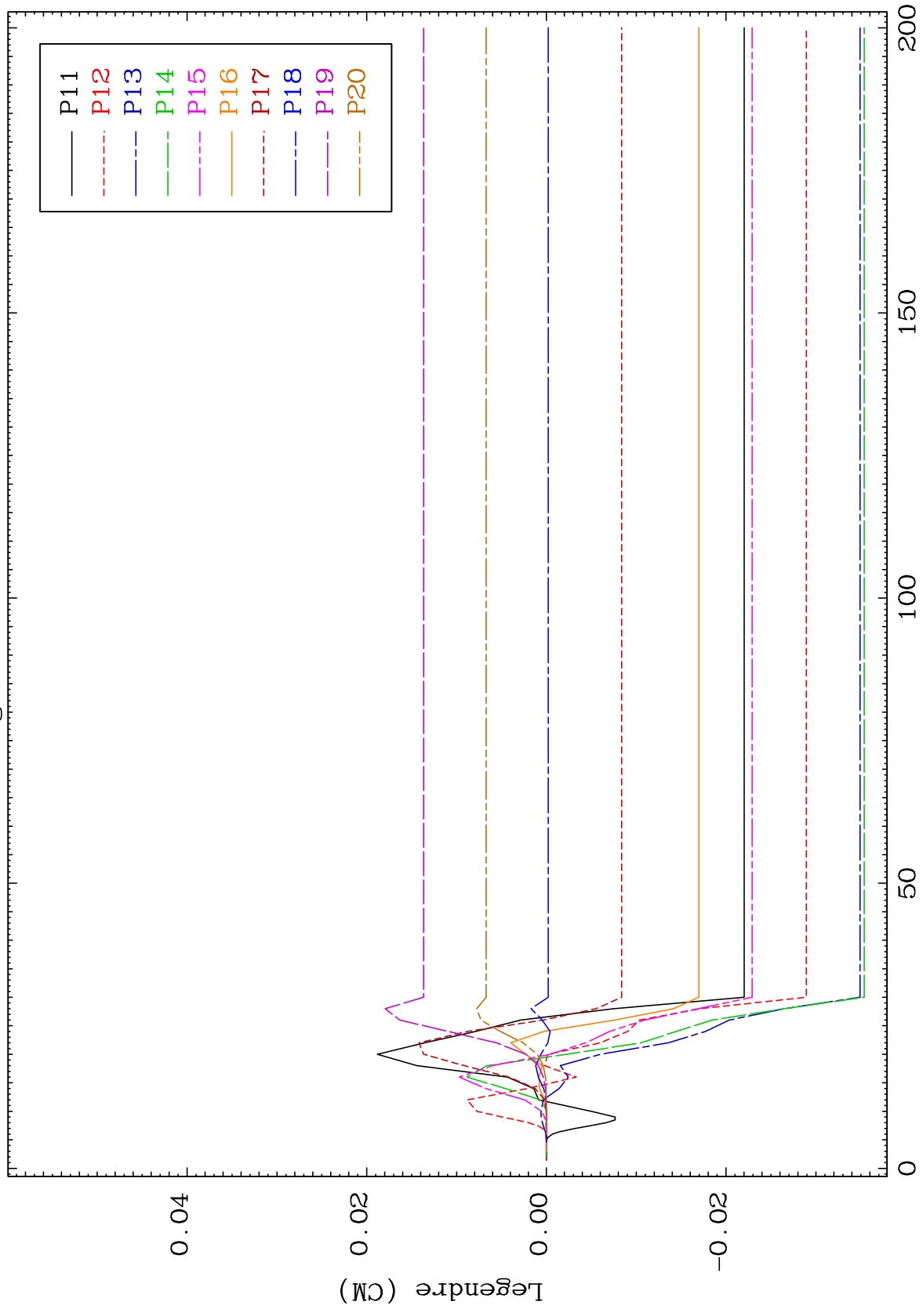


68 79-Au-190



MAT 7904

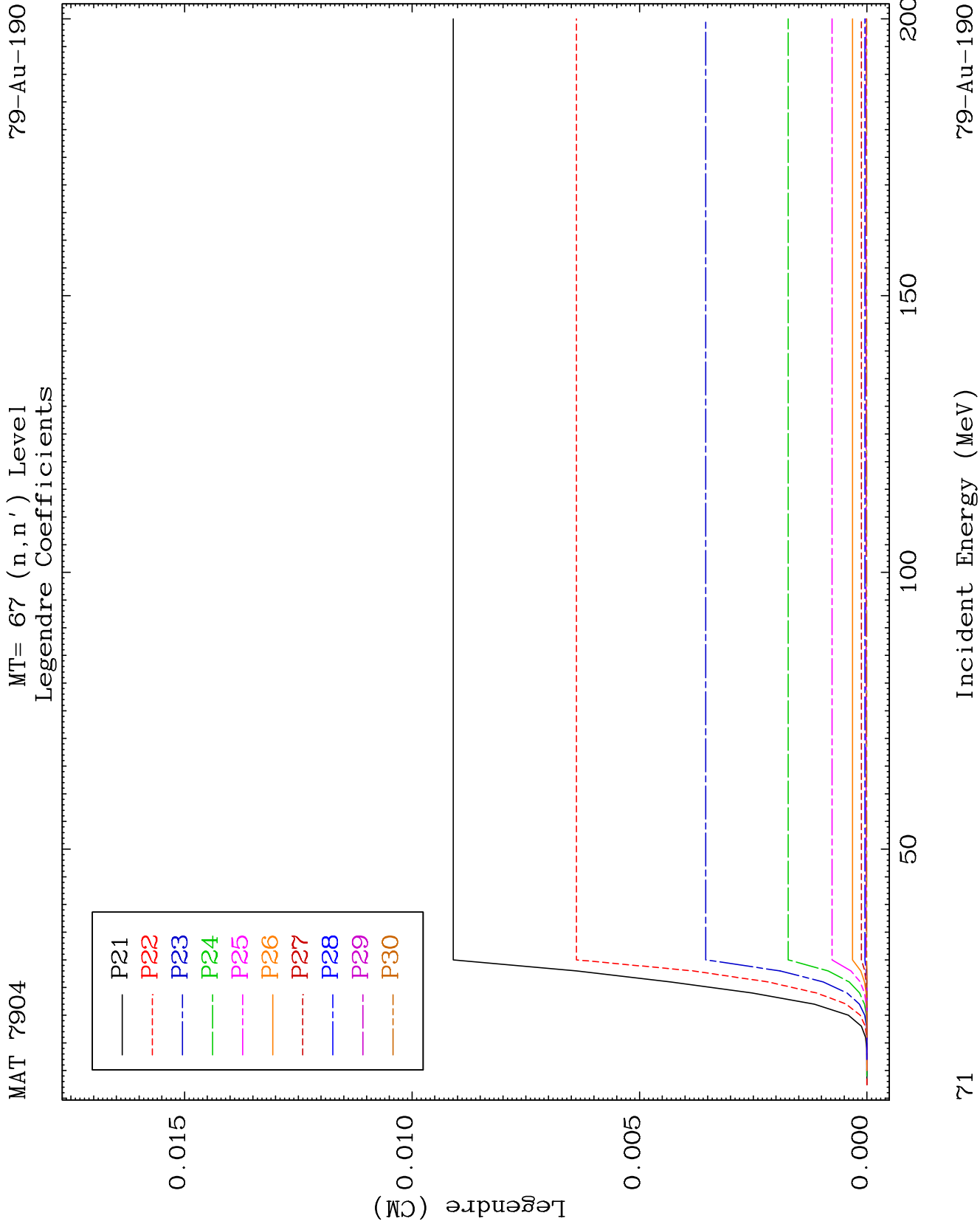
MT= 67 (n, n') Level
Legendre Coefficients

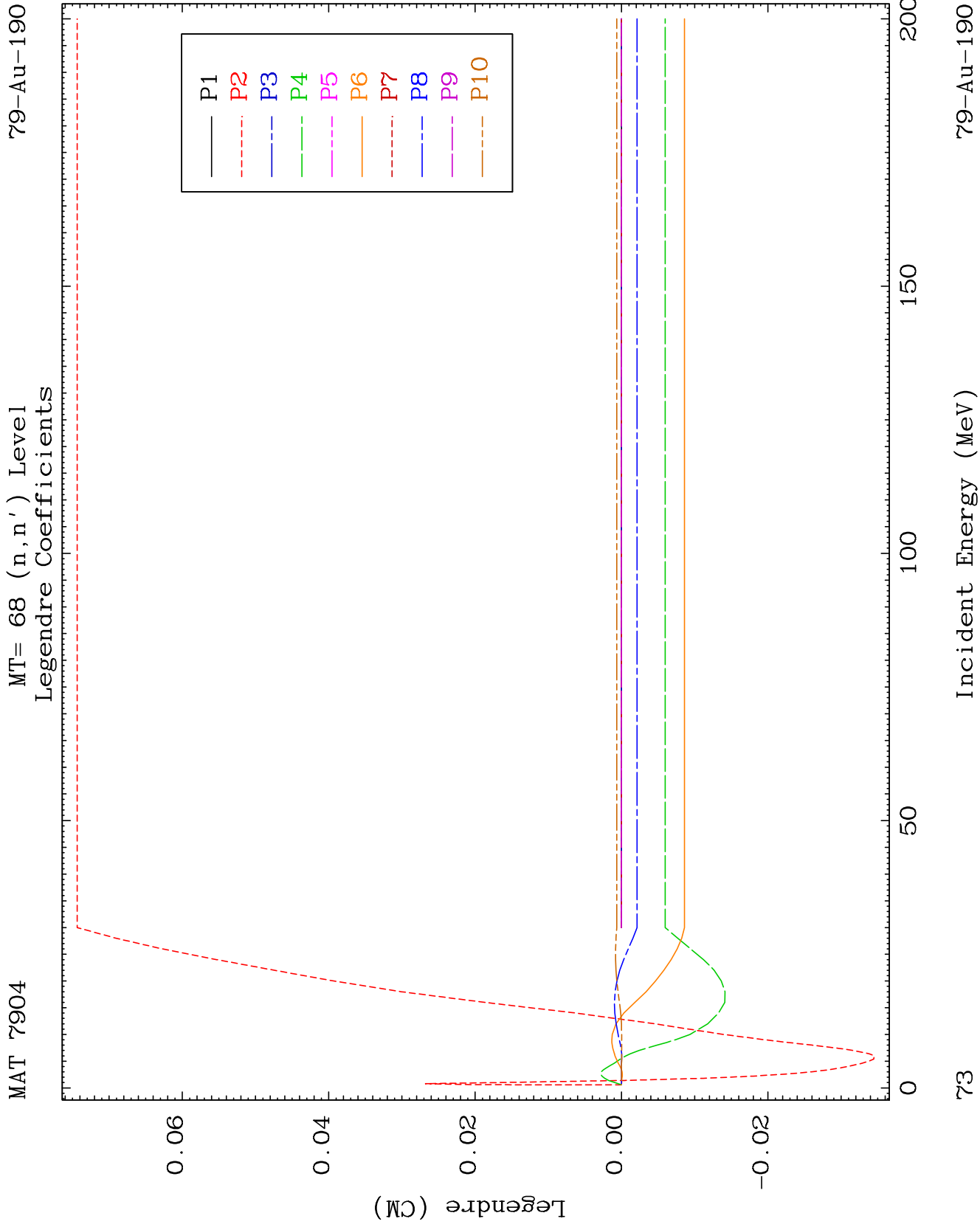
⁷⁹Au-190

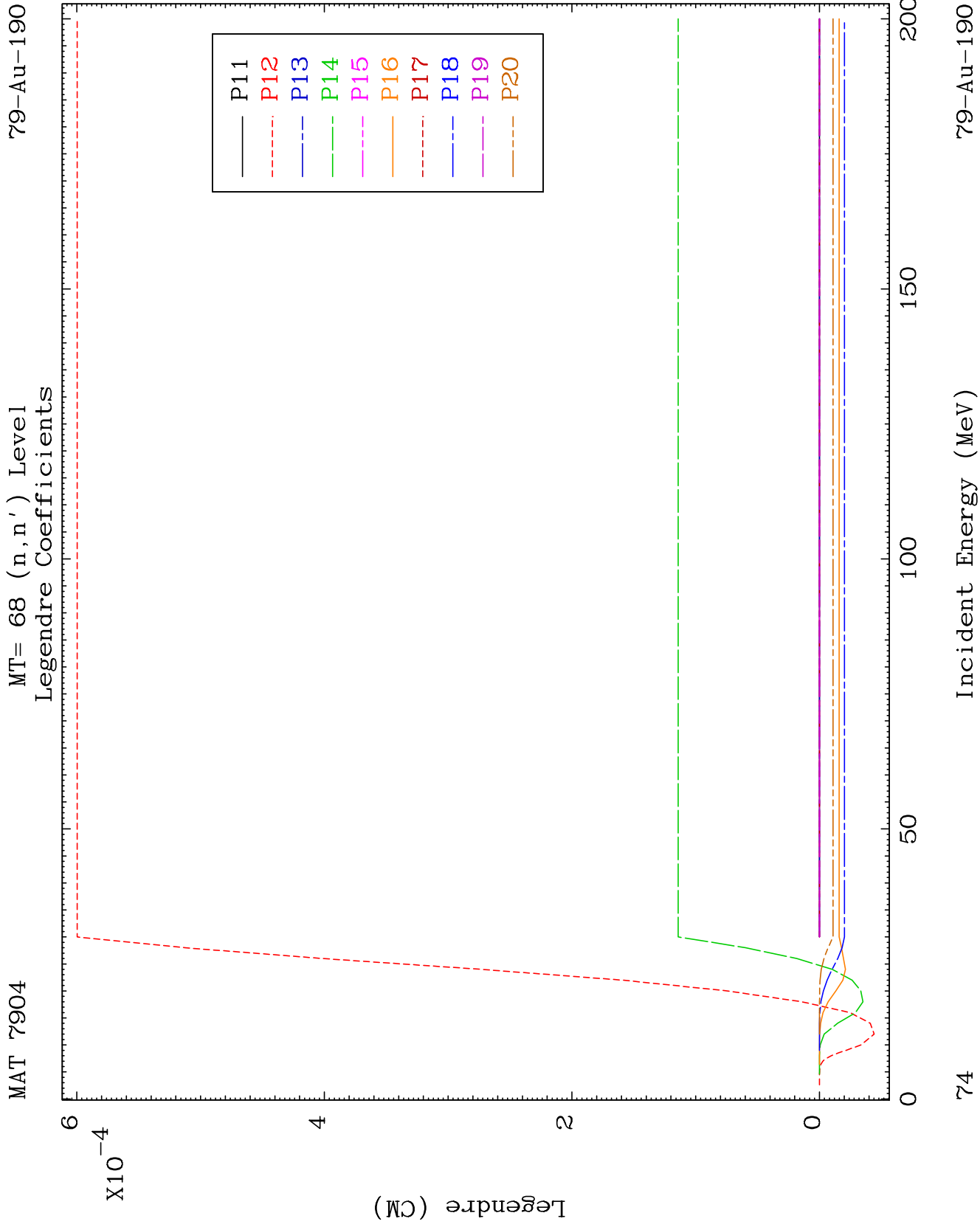
02

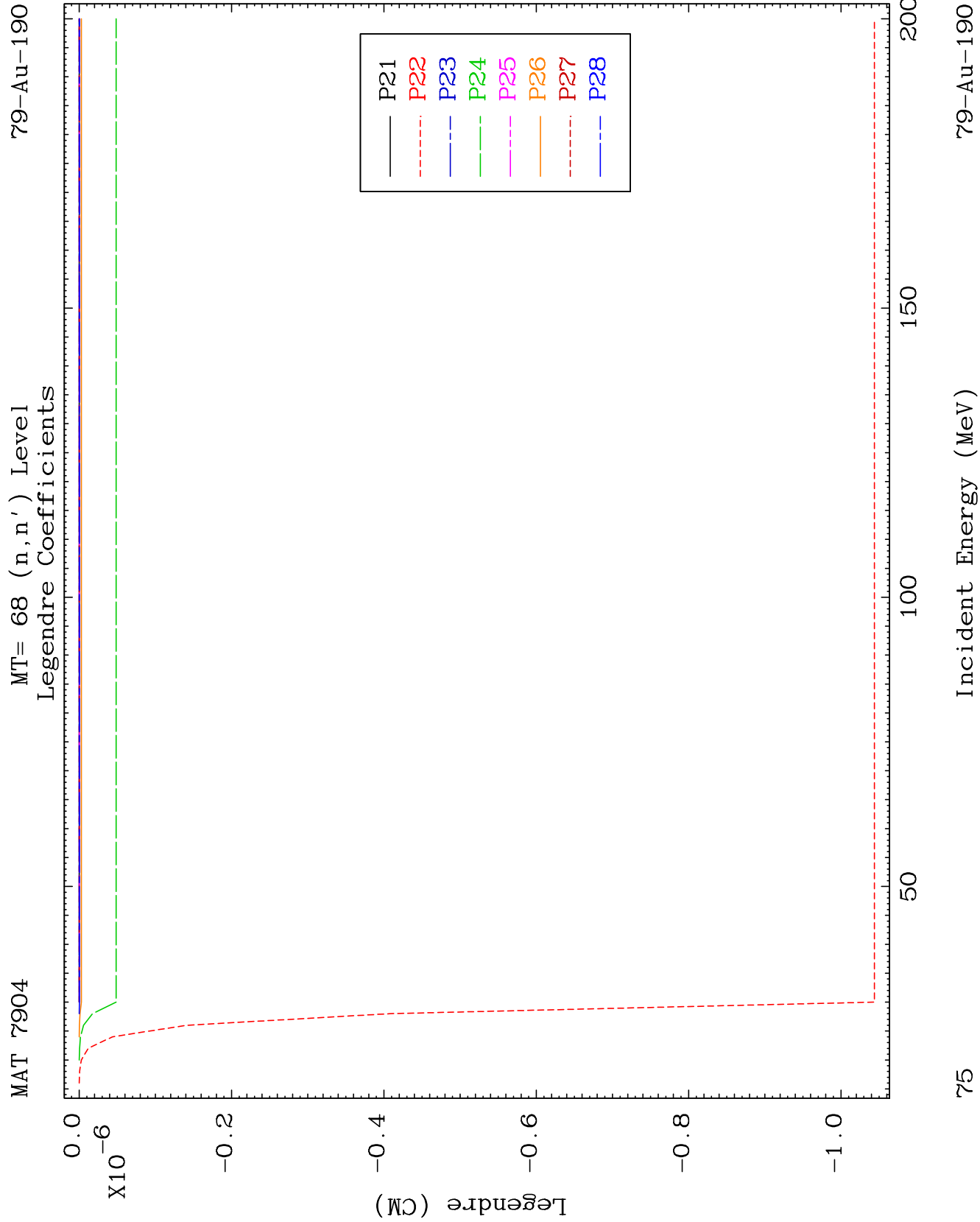
Incident Energy (MeV)

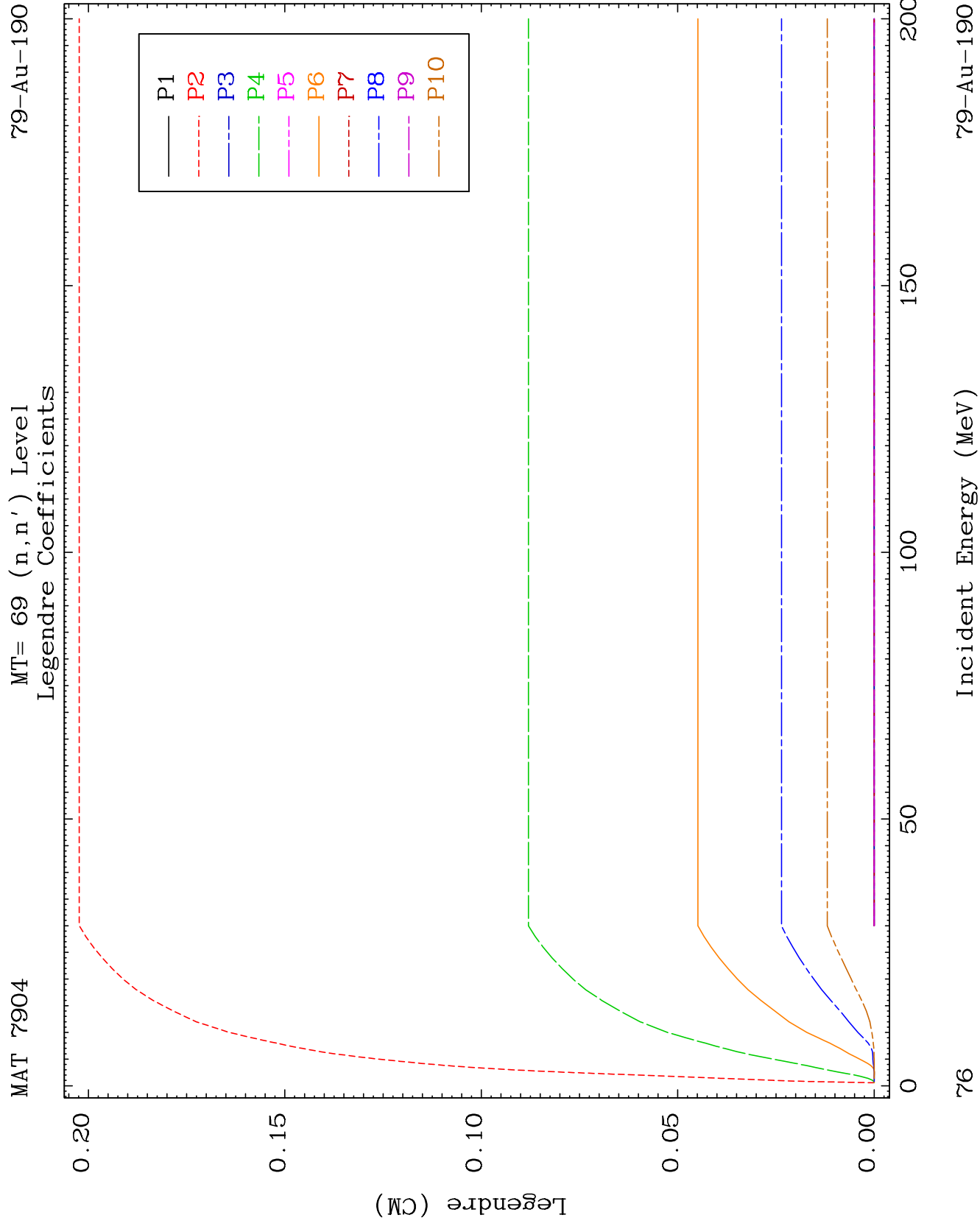
79-Au-190

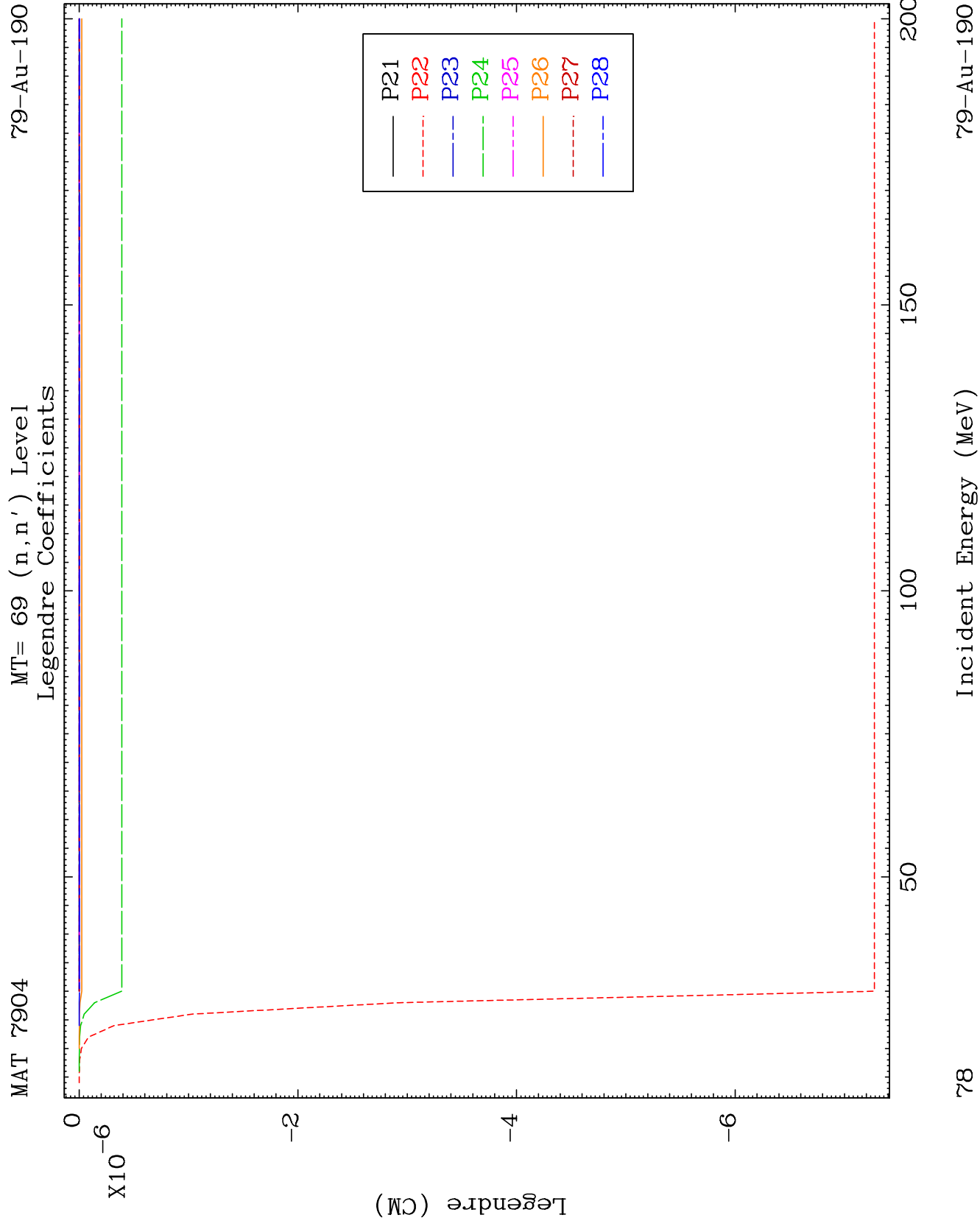


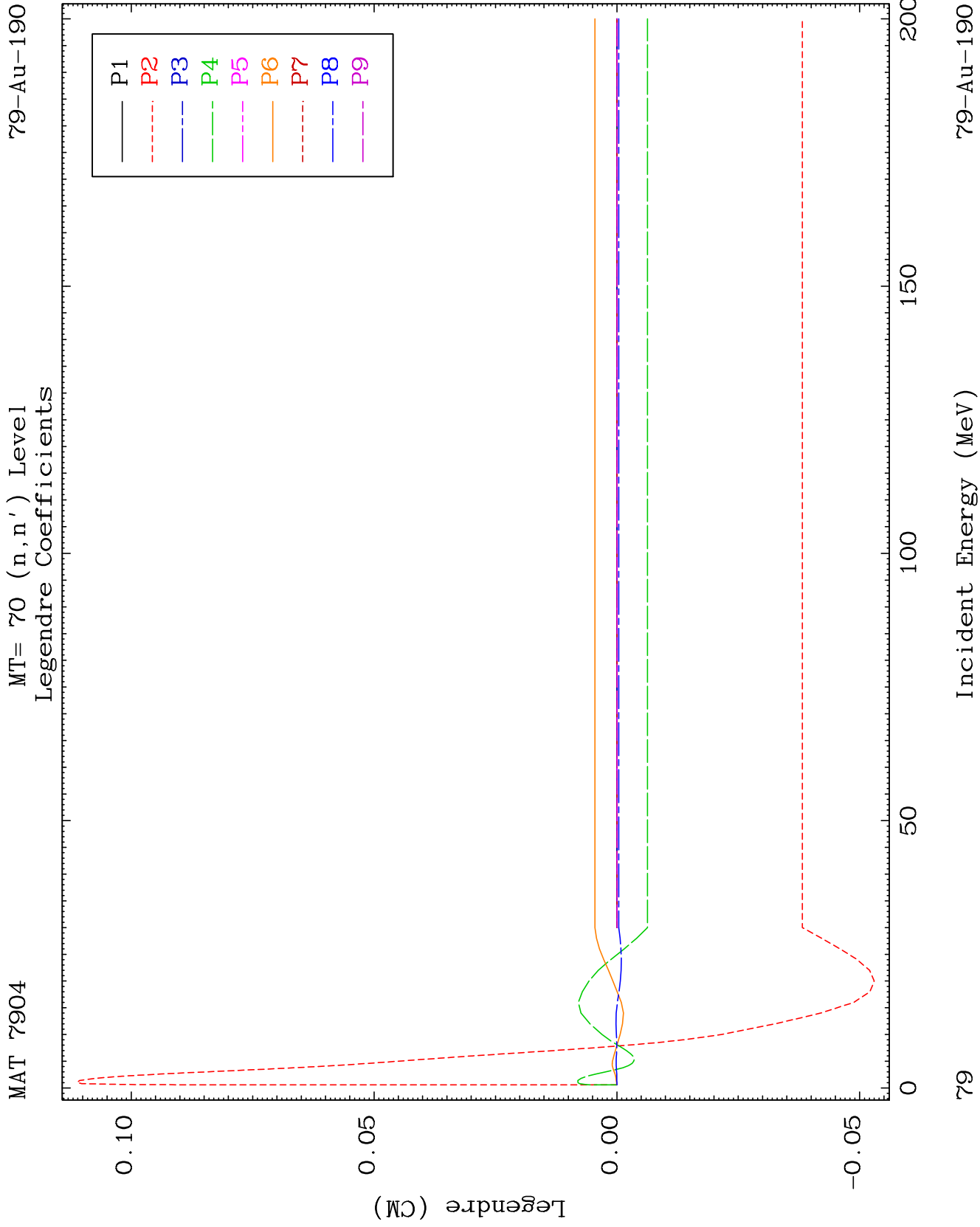


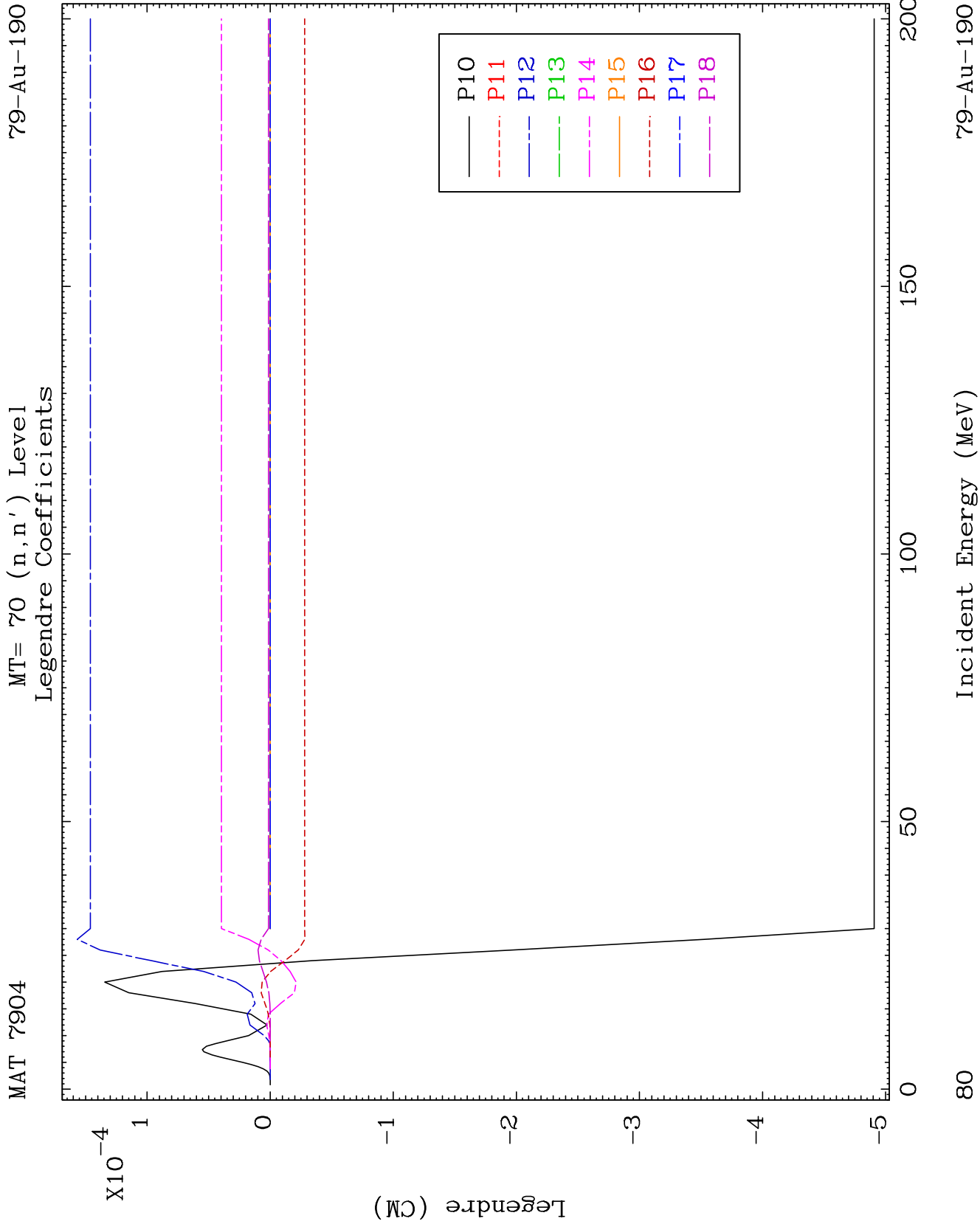


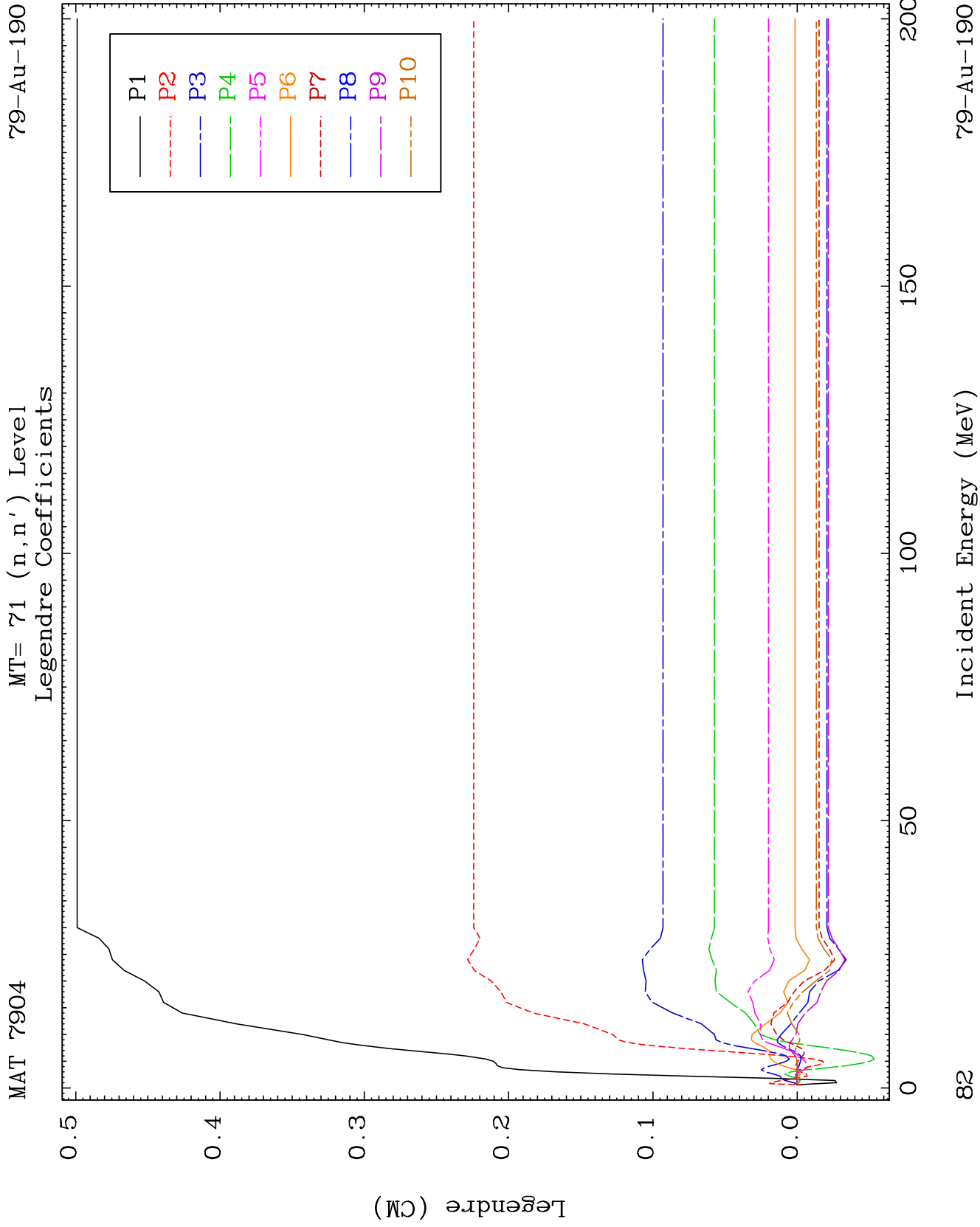








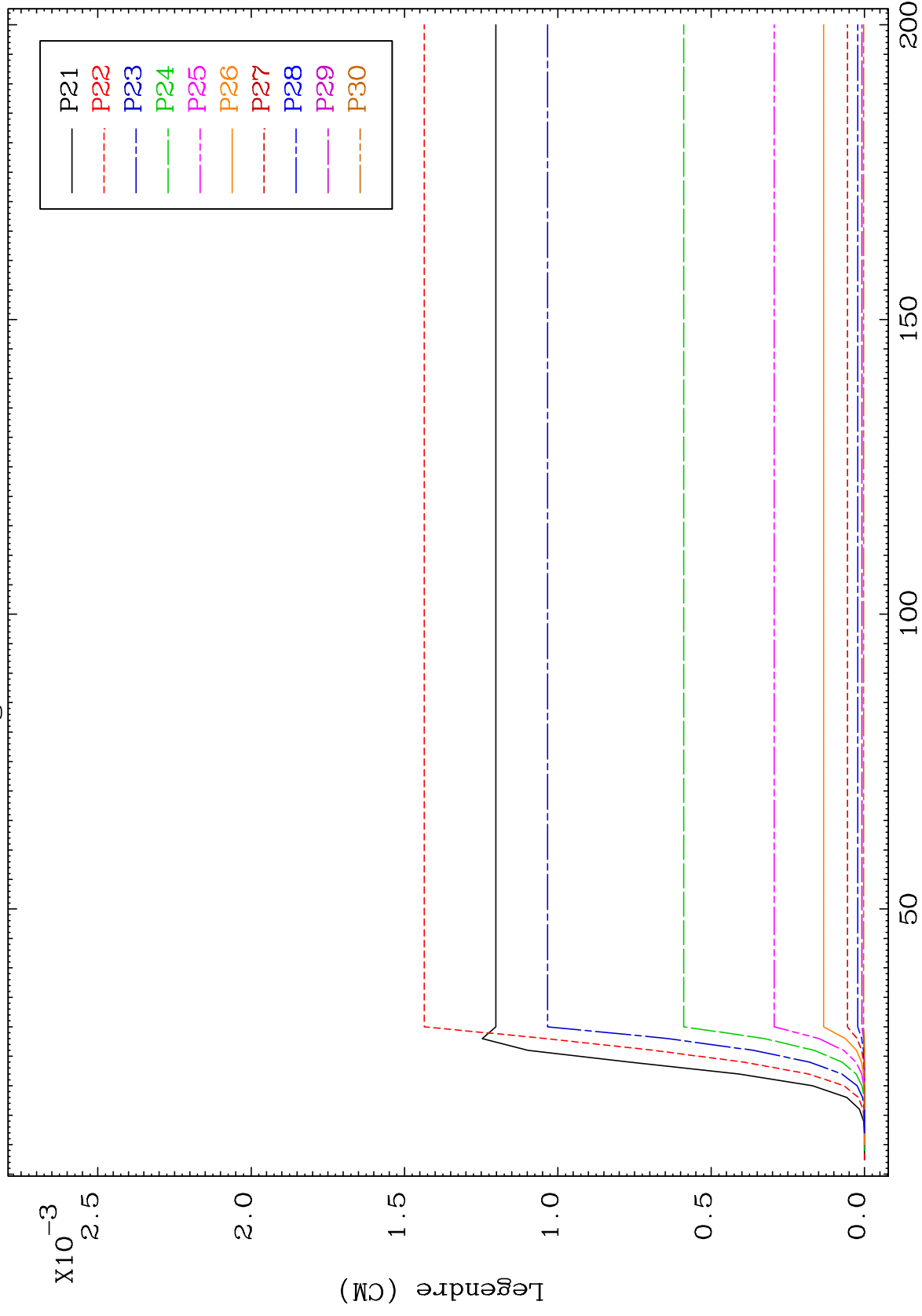




MAT 7904

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

79-Au-190



84

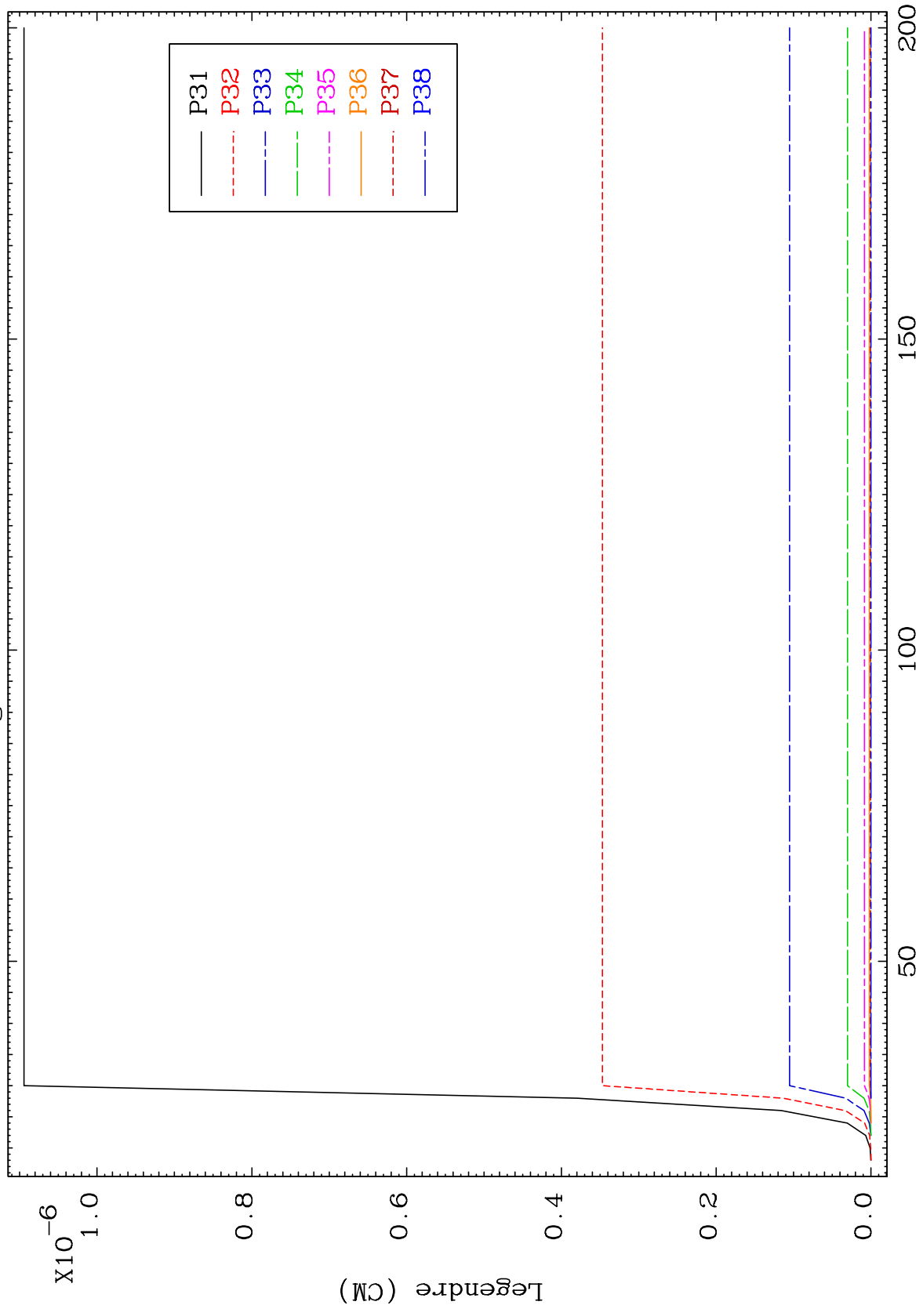
Incident Energy (MeV)

79-Au-190

MAT 7904

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

79-Au-190



58

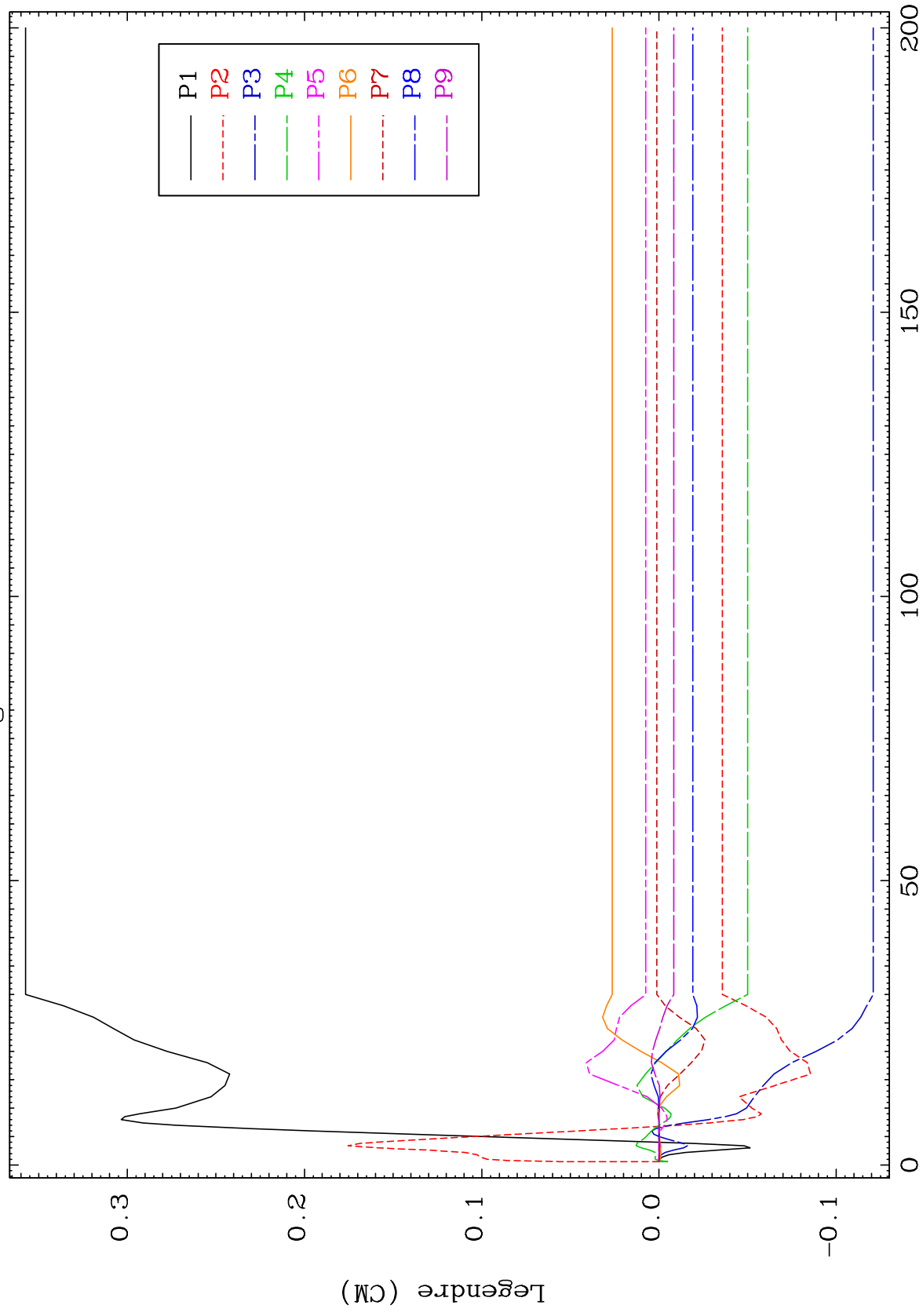
Incident Energy (MeV)

79-Au-190

MAT 7904

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

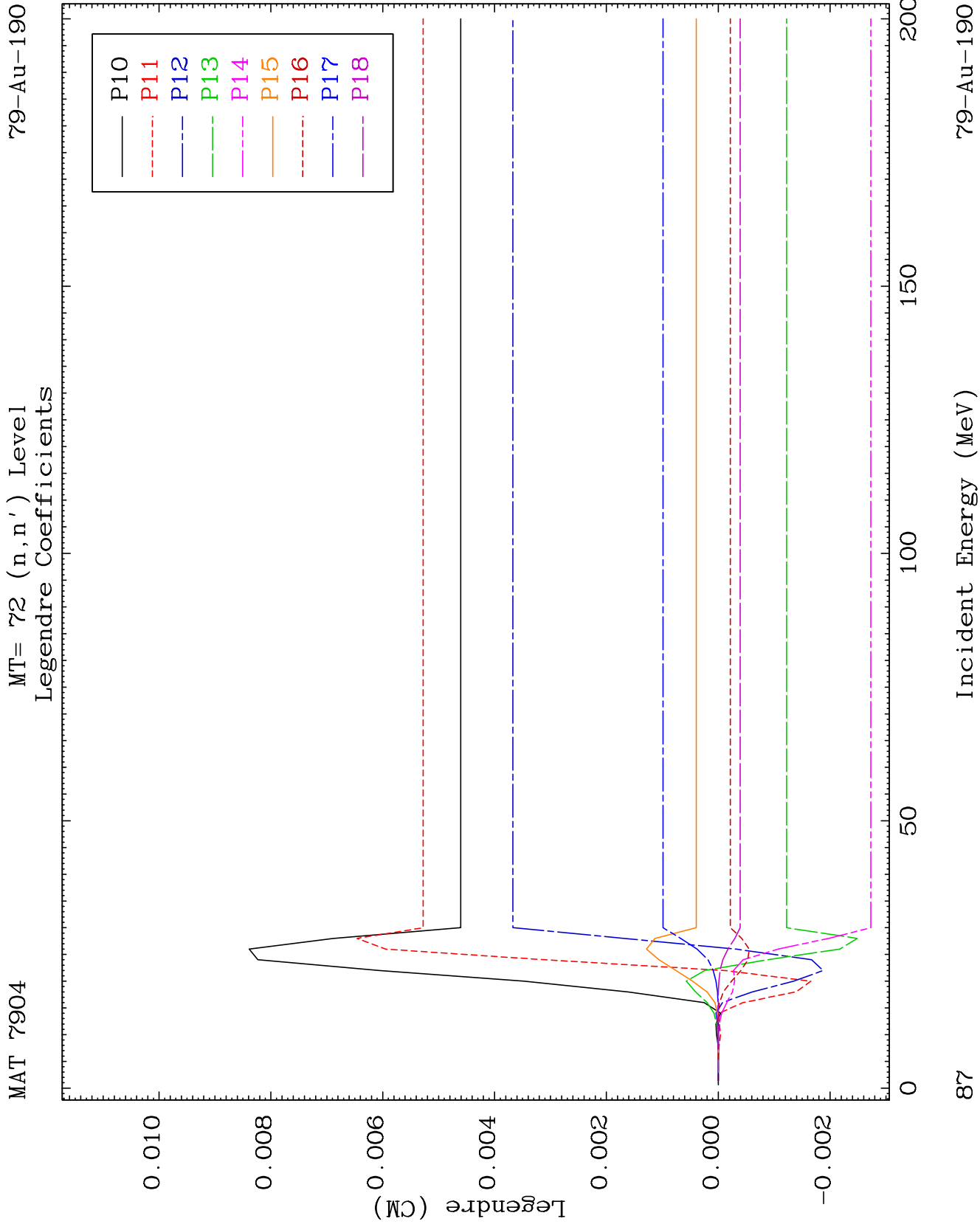
79-Au-190



98

Incident Energy (MeV)

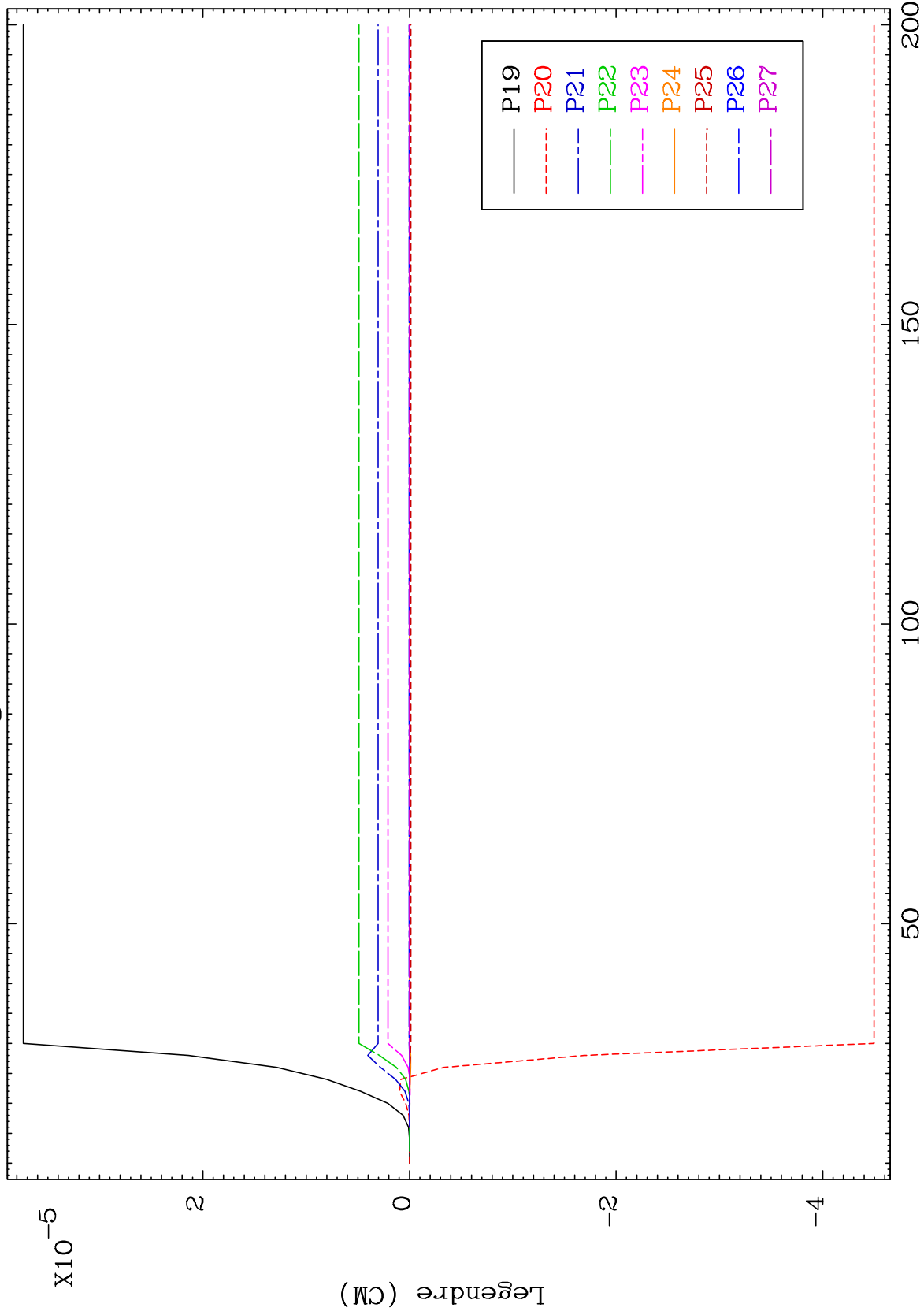
79-Au-190



MAT 7904

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

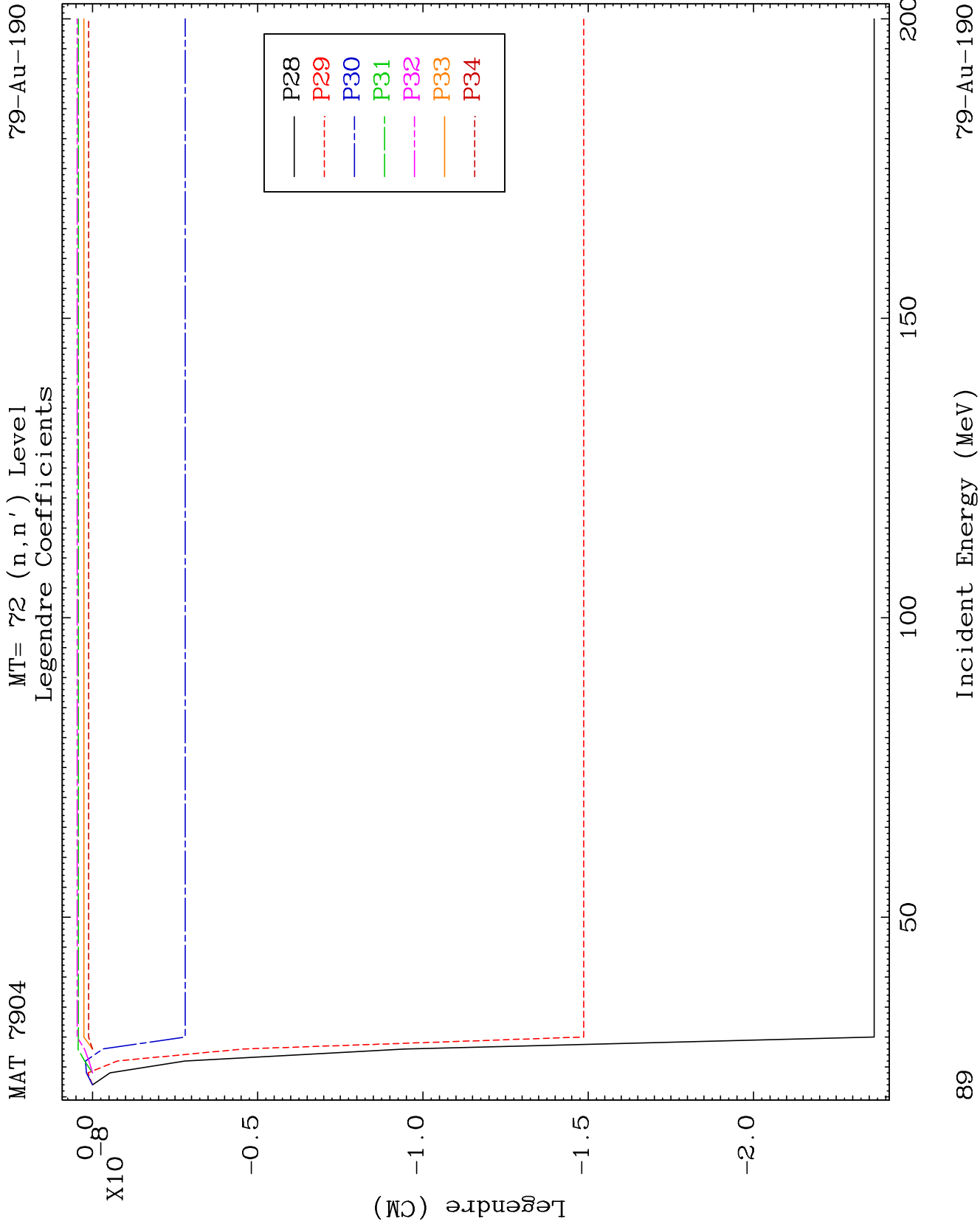
79-Au-190



88

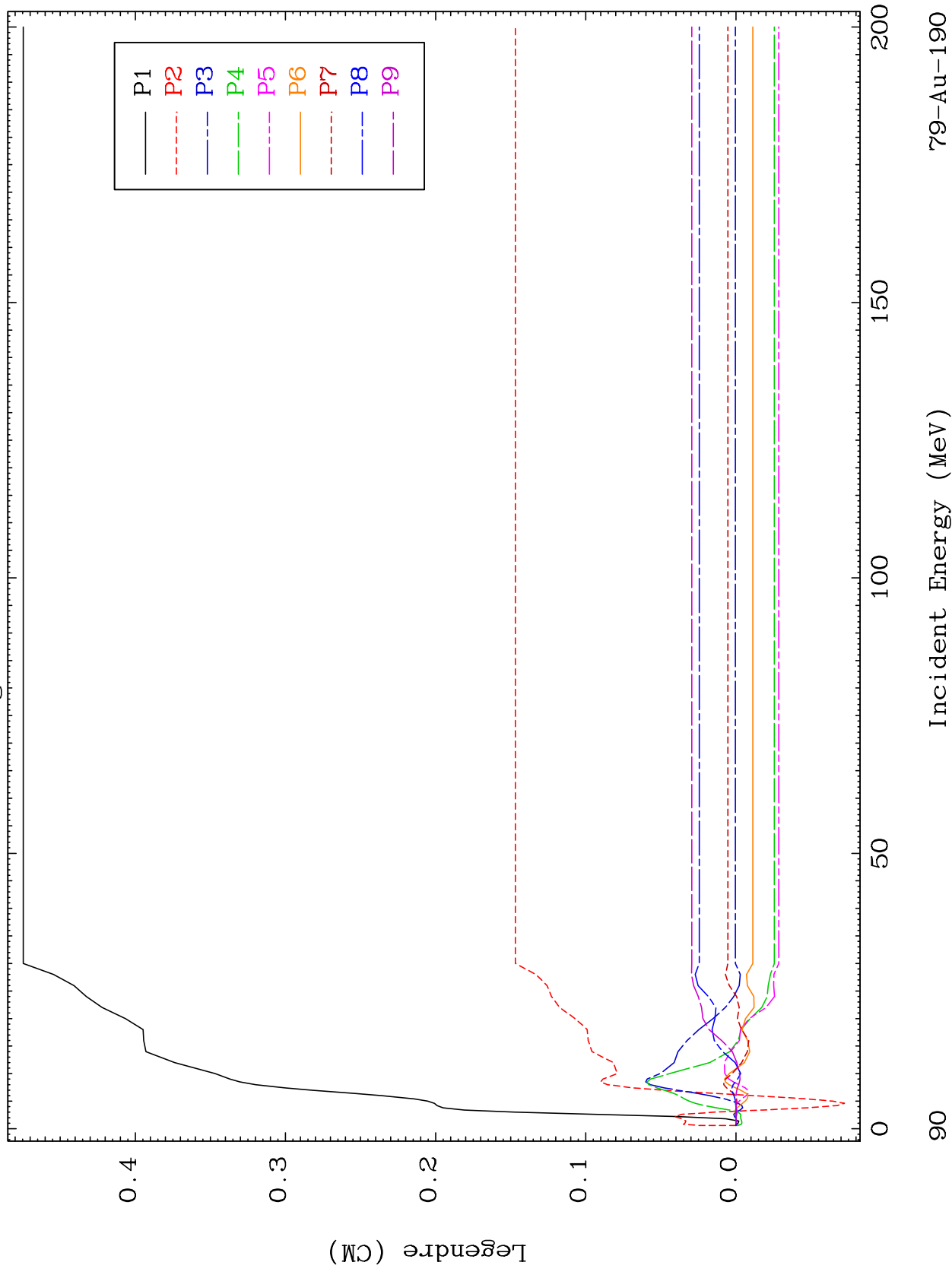
Incident Energy (MeV)

79-Au-190



MAT 7904

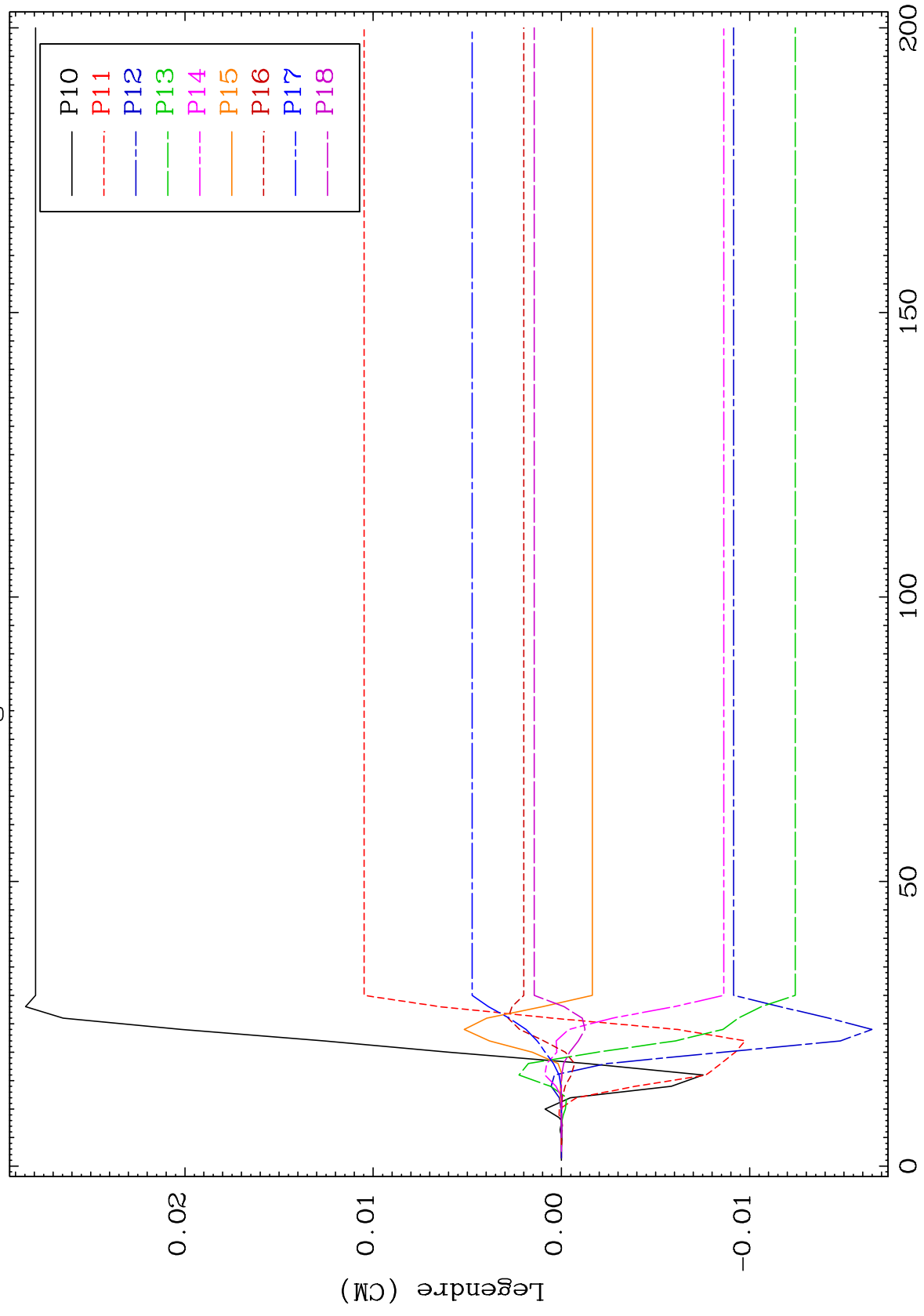
MT= 73 (n, n') Level
Legendre Coefficients

⁷⁹Au-190

MAT 7904

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

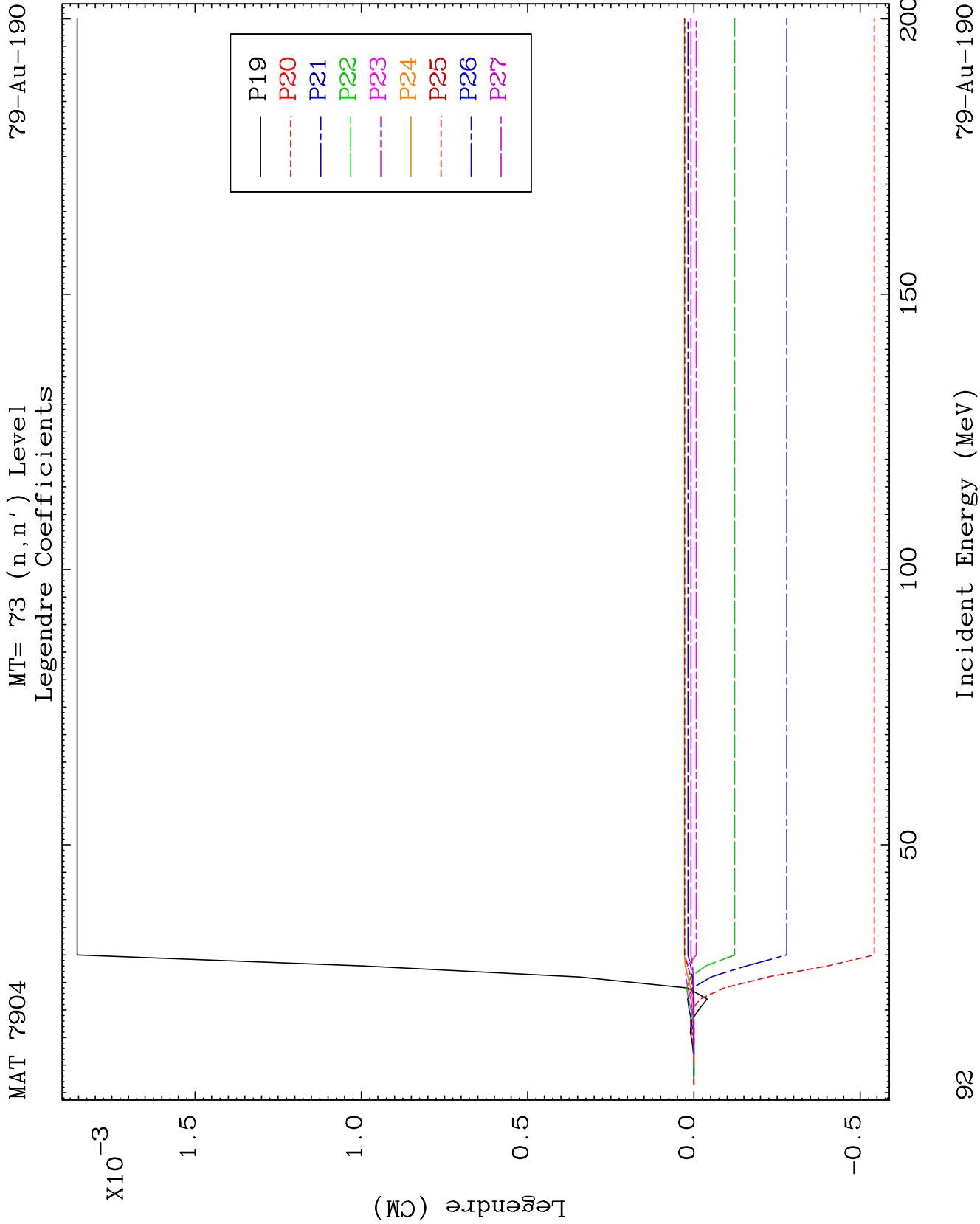
79-Au-190

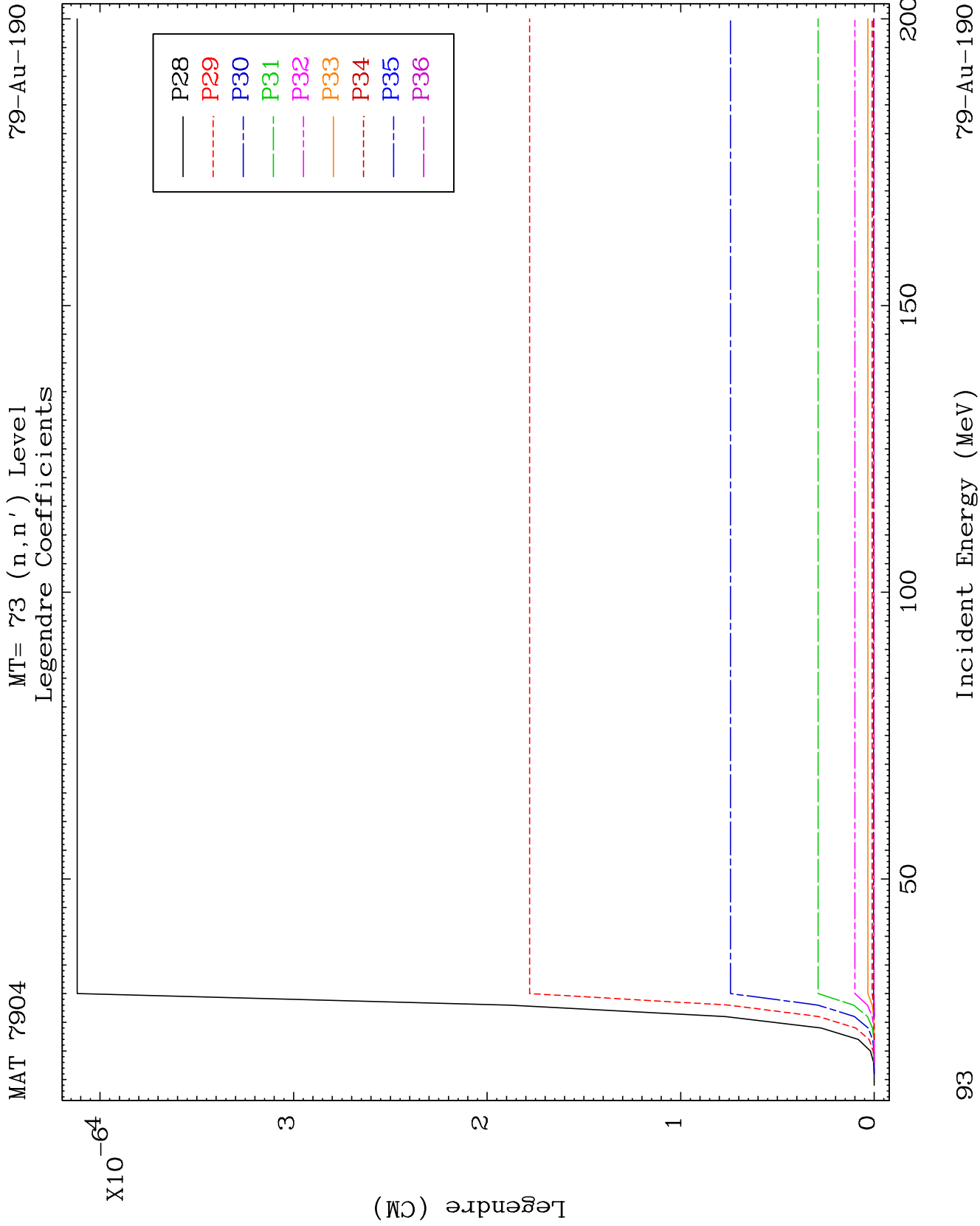


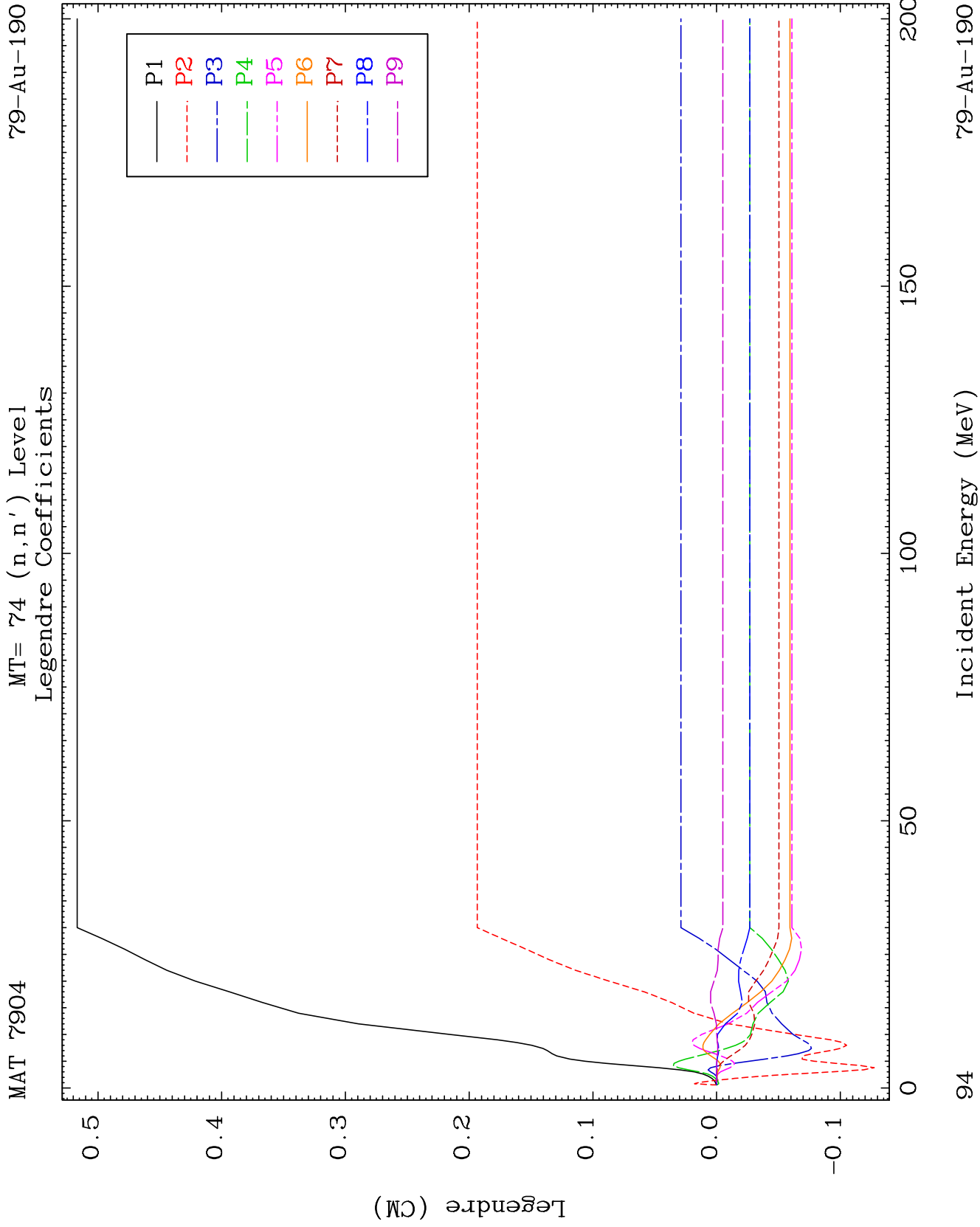
19

Incident Energy (MeV)

79-Au-190



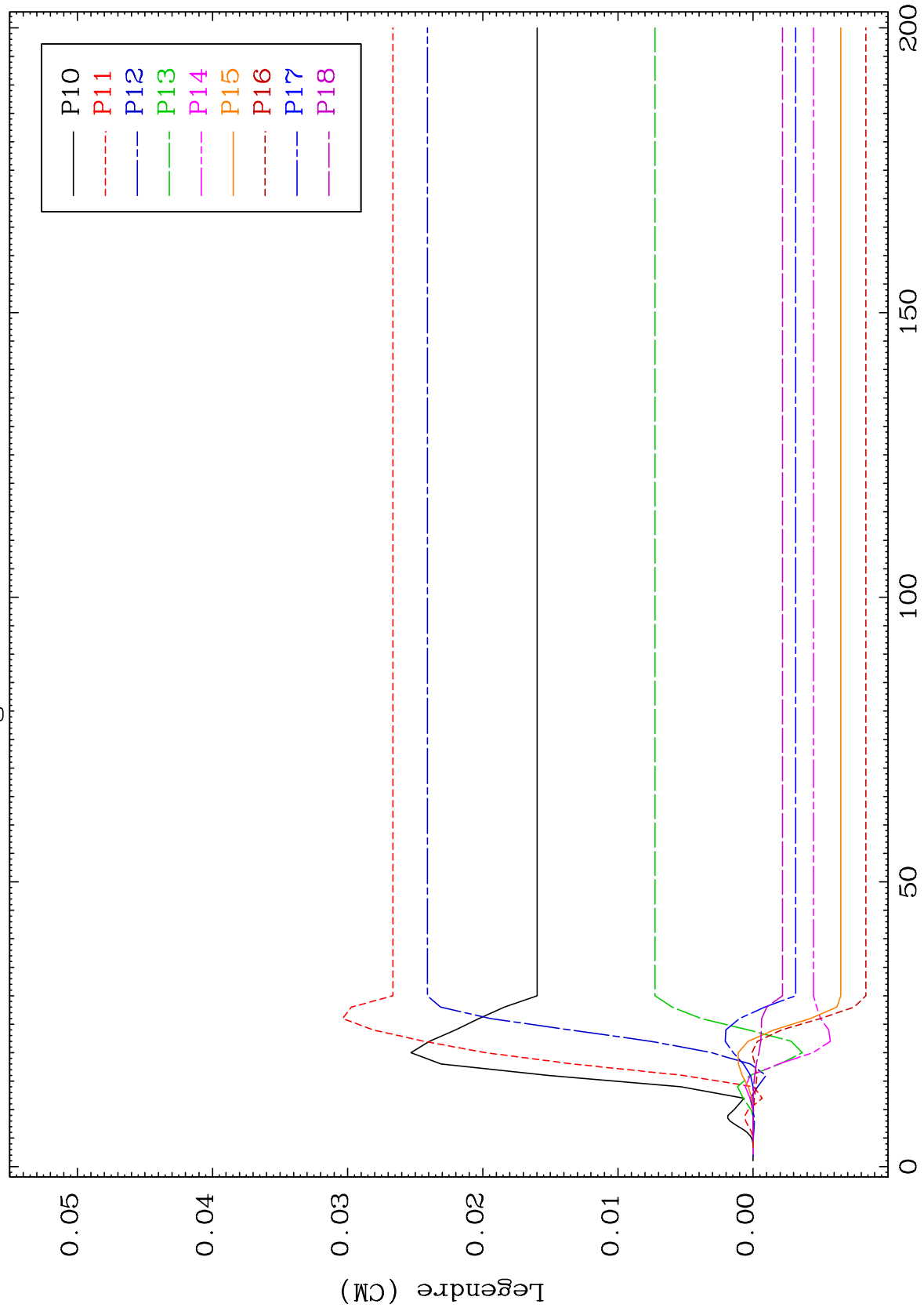




MAT 7904

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

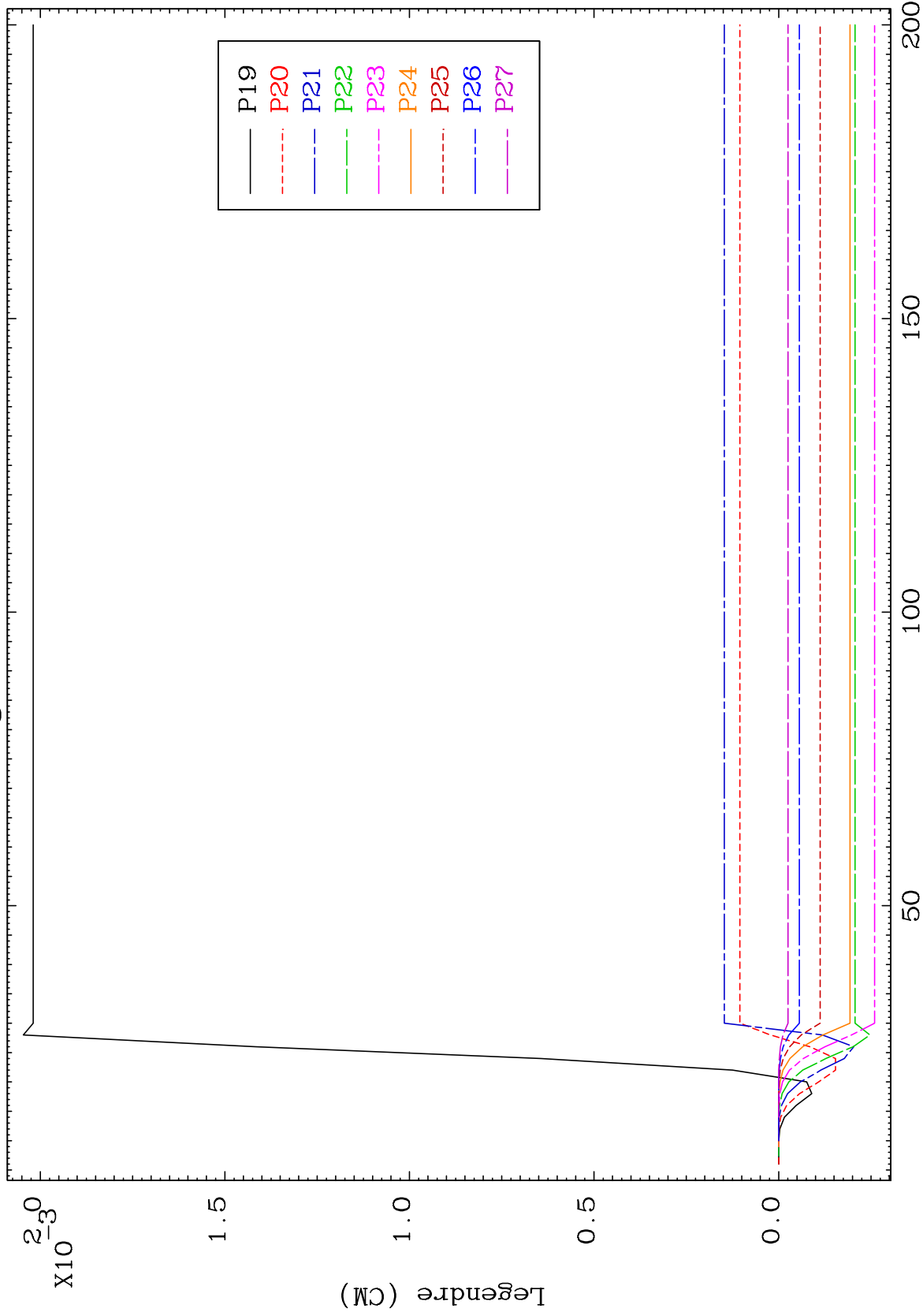
79-Au-190



MAT 7904

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

79-Au-190

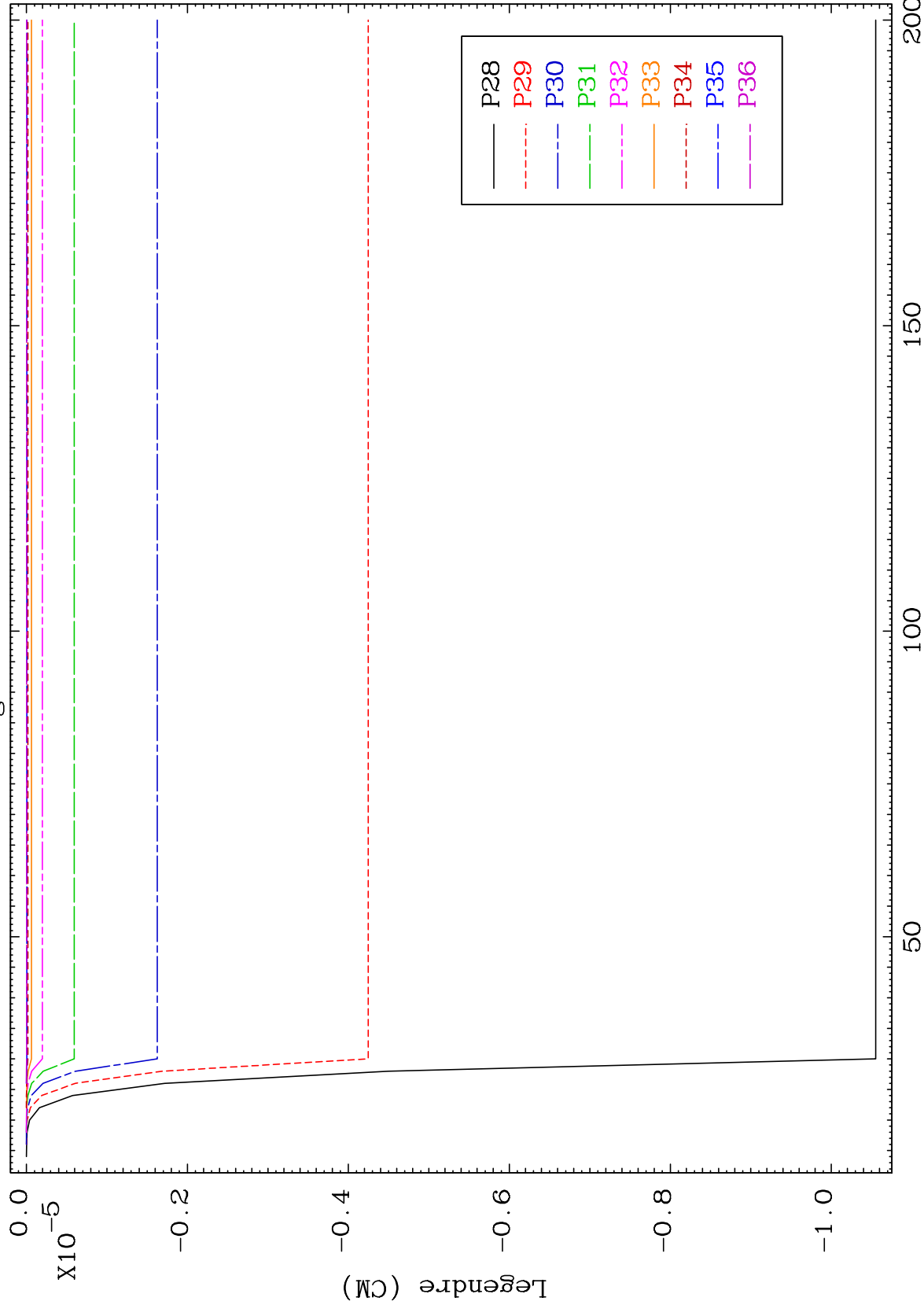


96

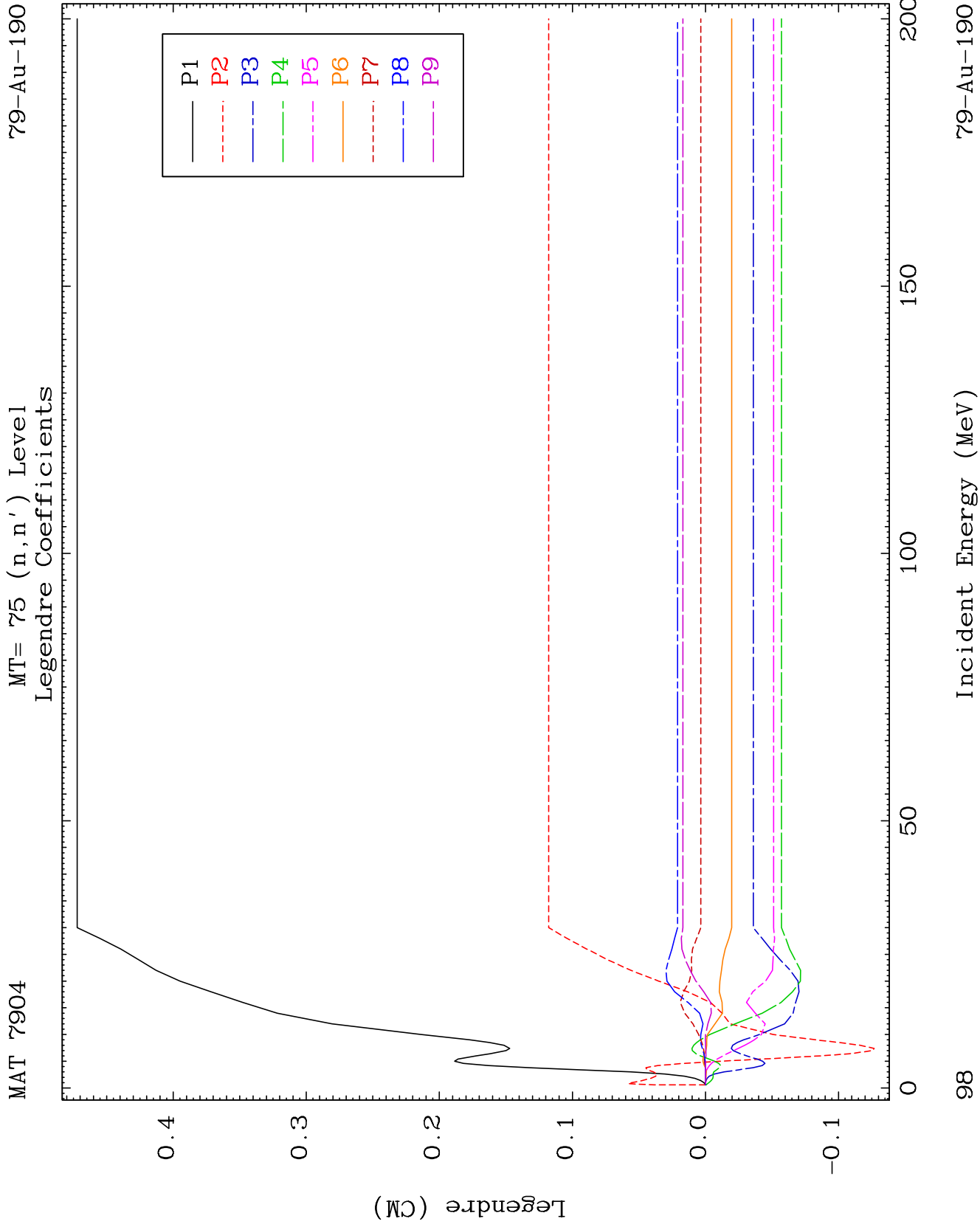
Incident Energy (MeV)

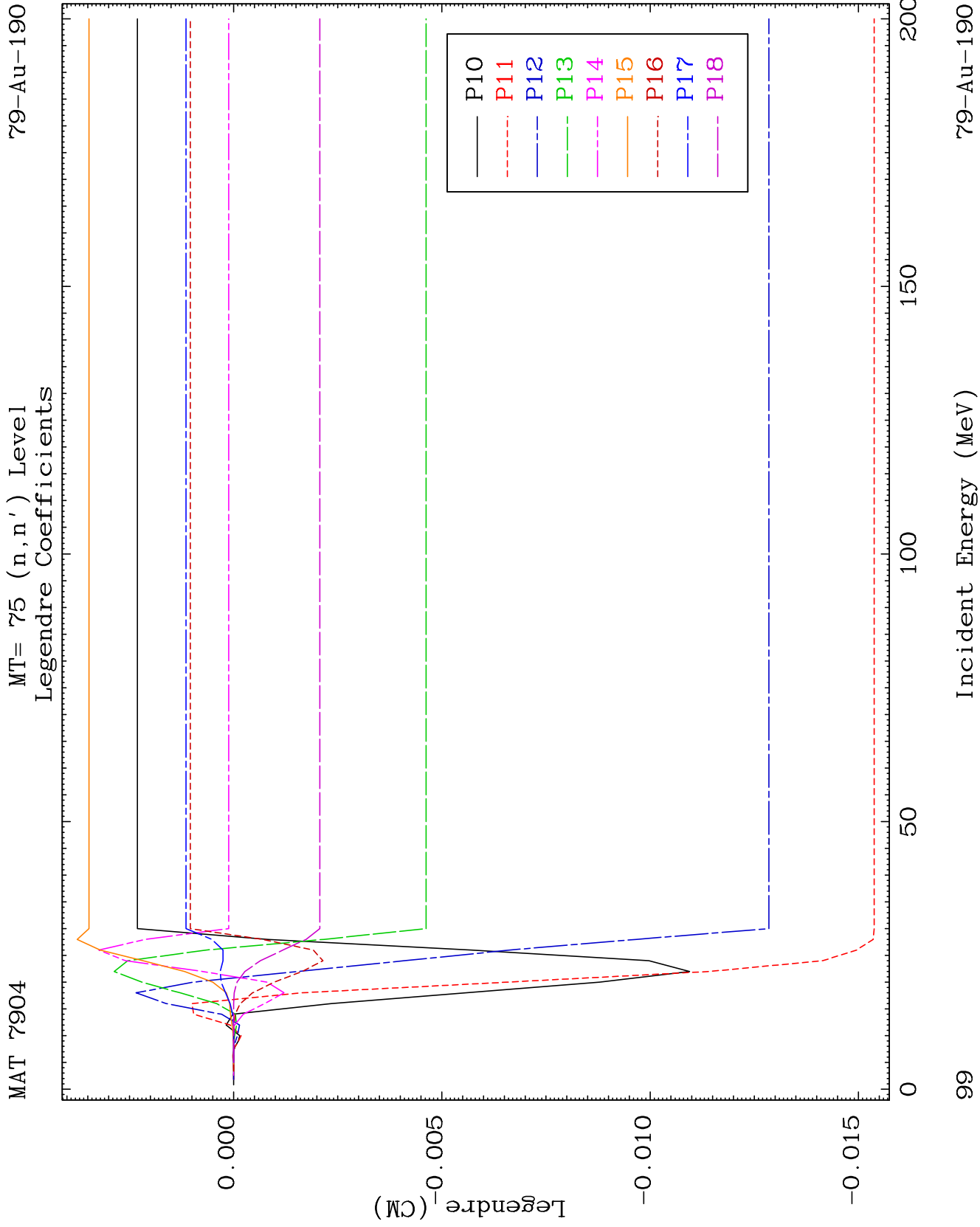
79-Au-190

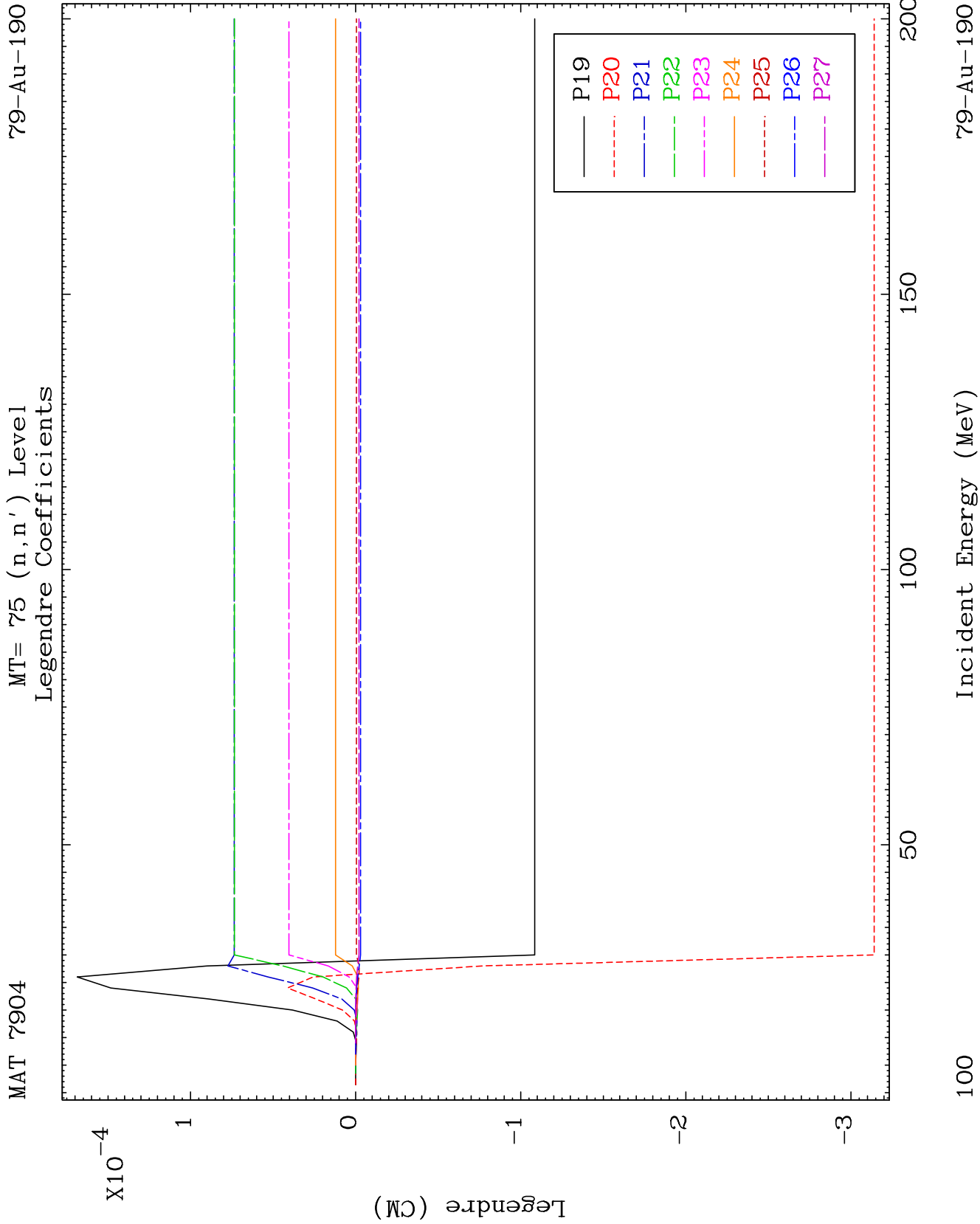
MAT 7904 MT= 74 (n,n') Level Legendre Coefficients 79-Au-190

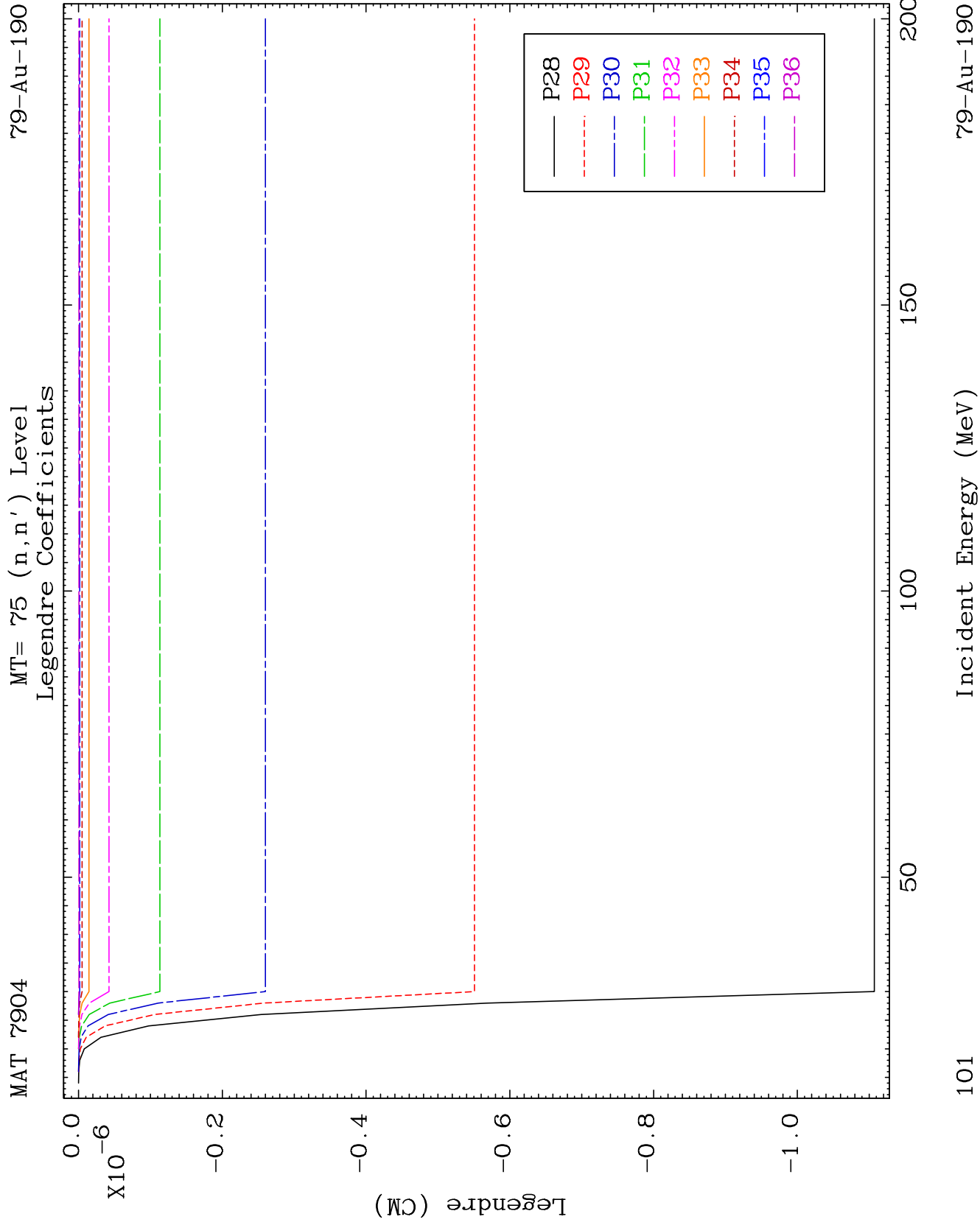


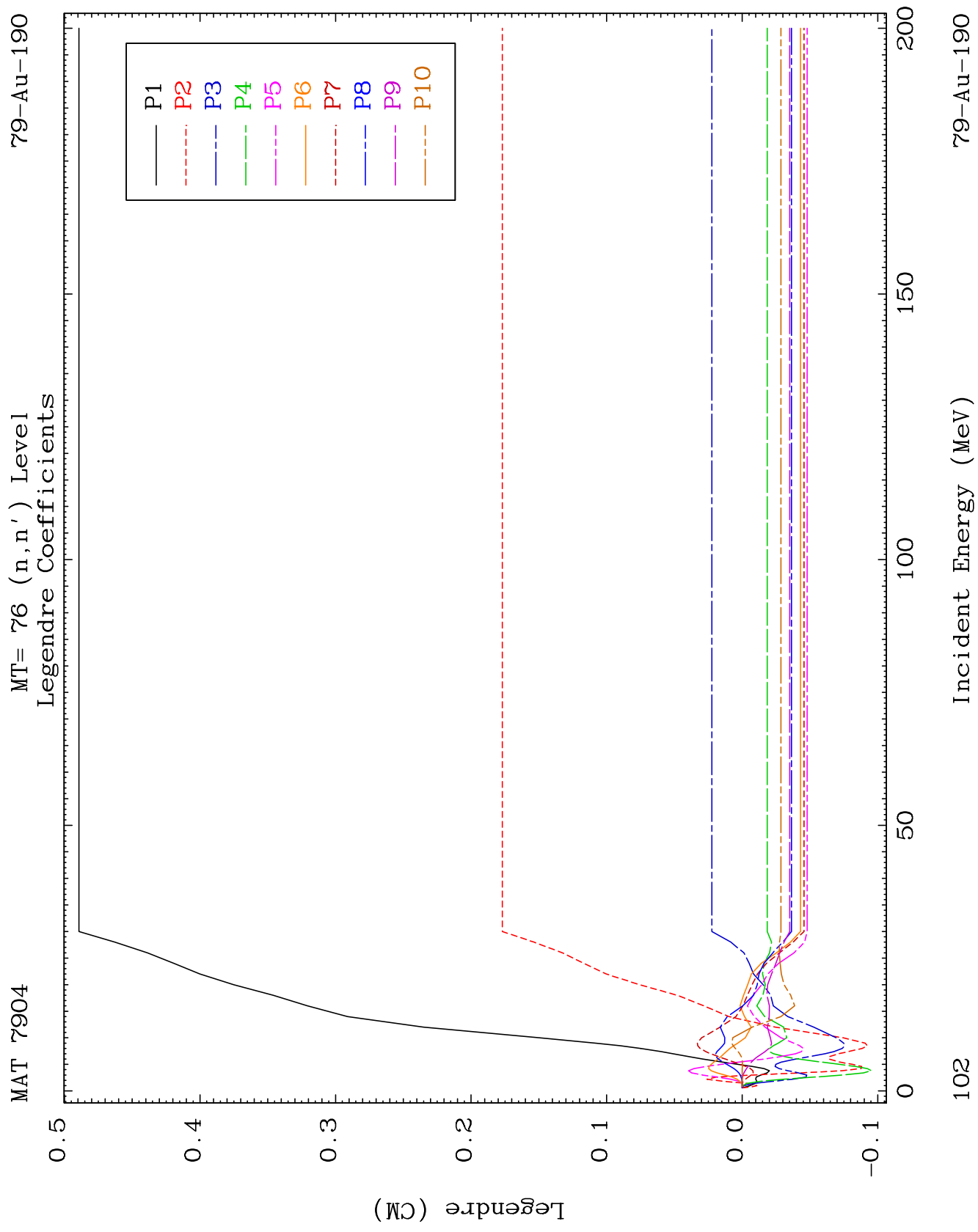
97 79-Au-190

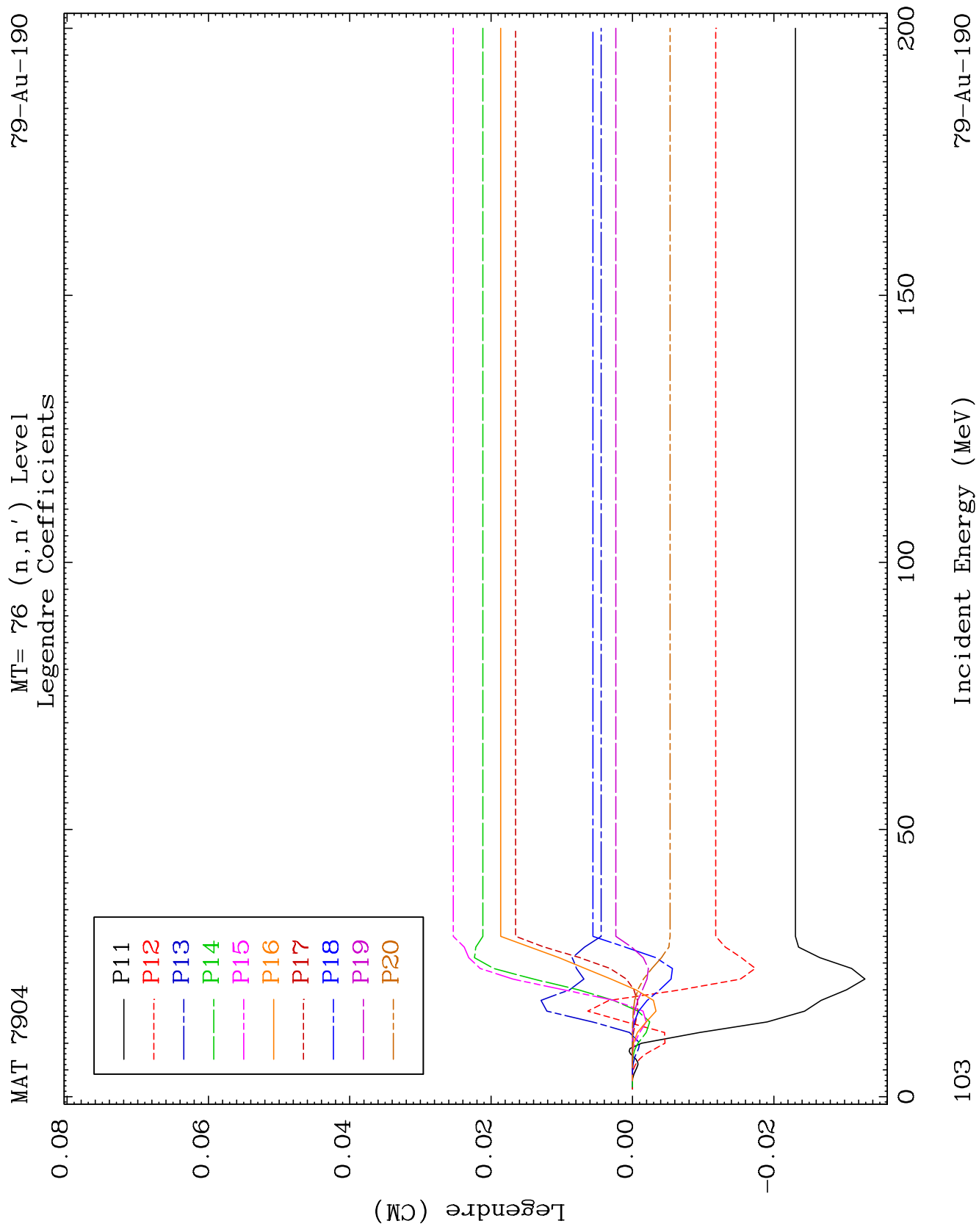








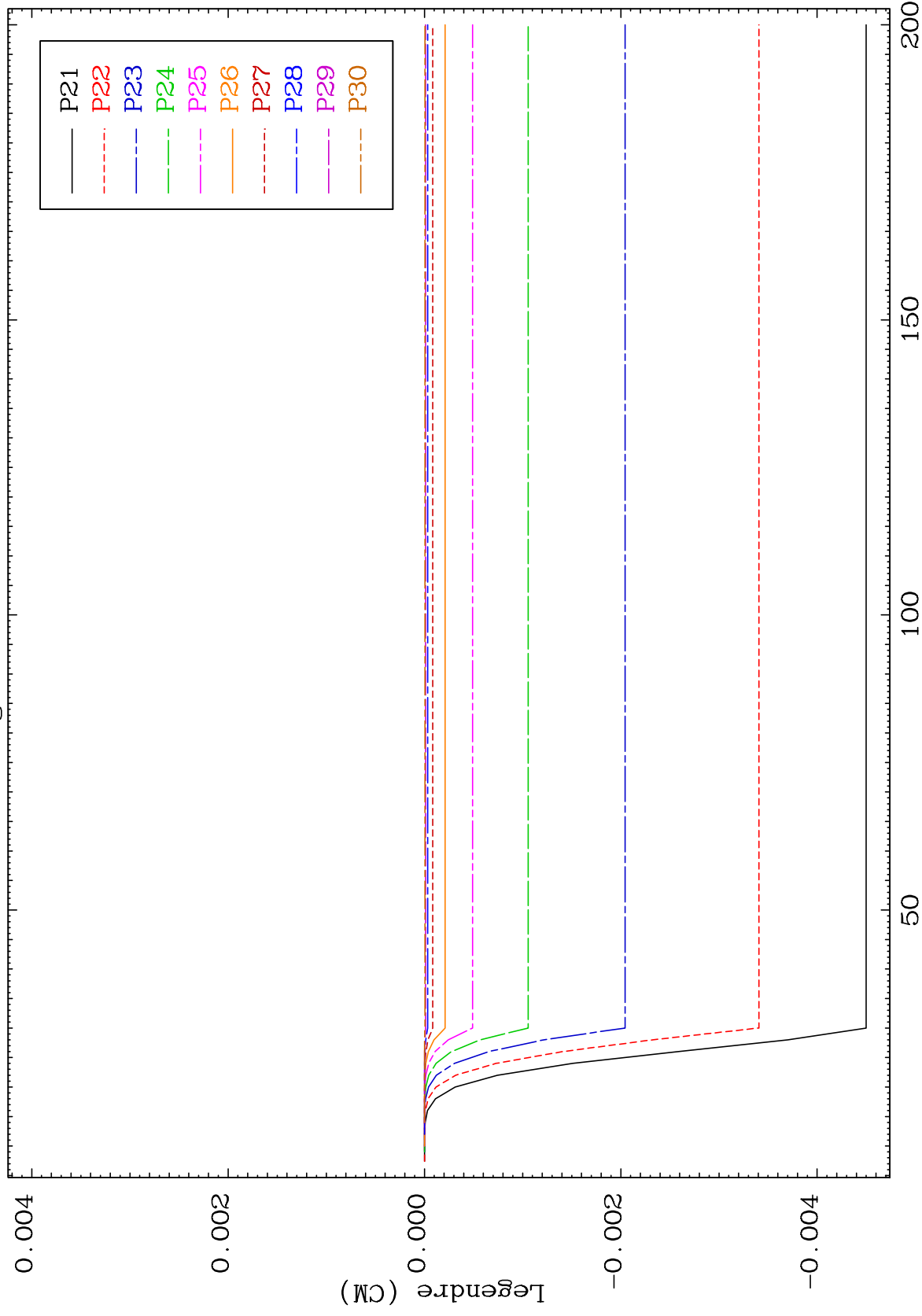




MAT 7904

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

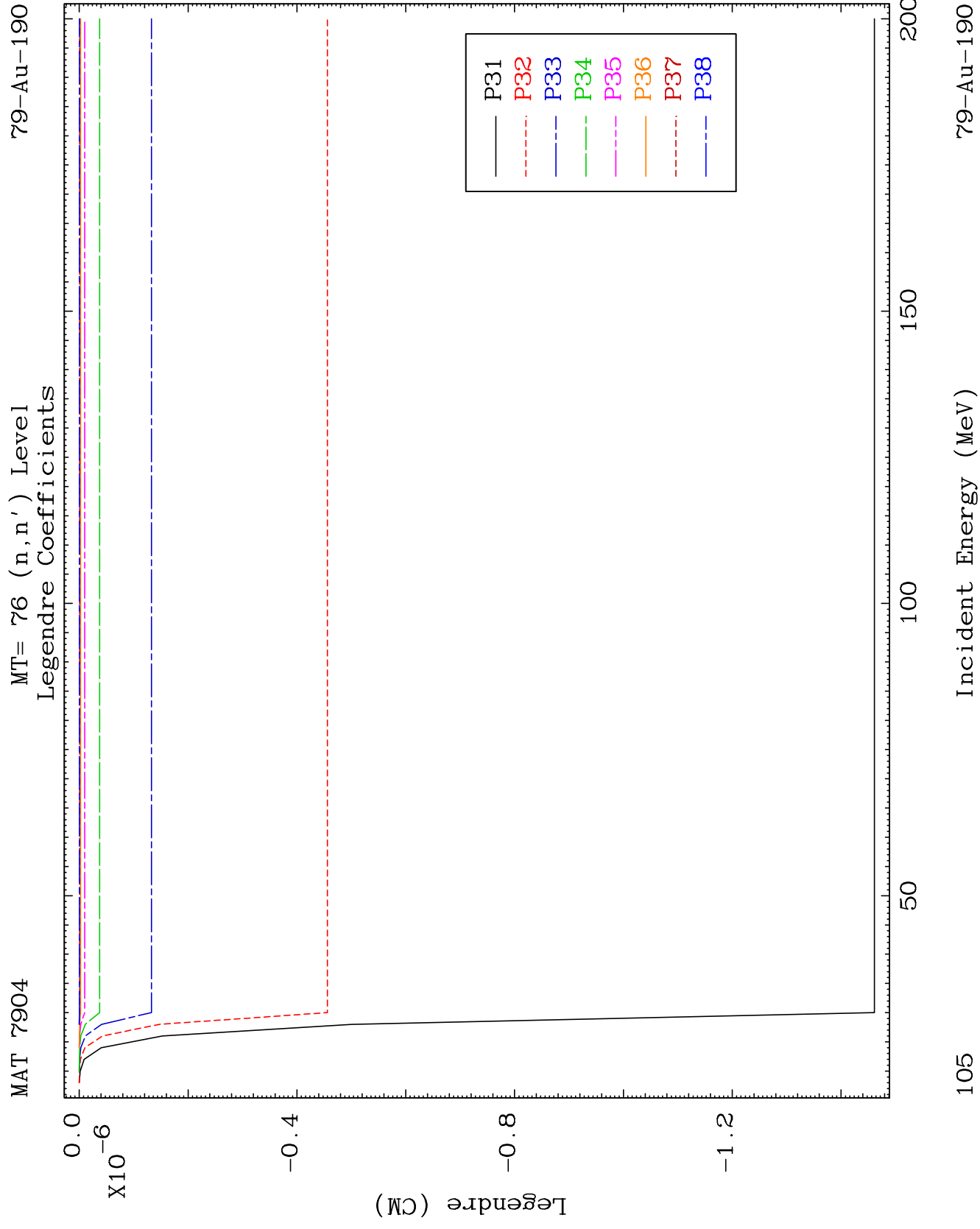
79-Au-190



104

Incident Energy (MeV)

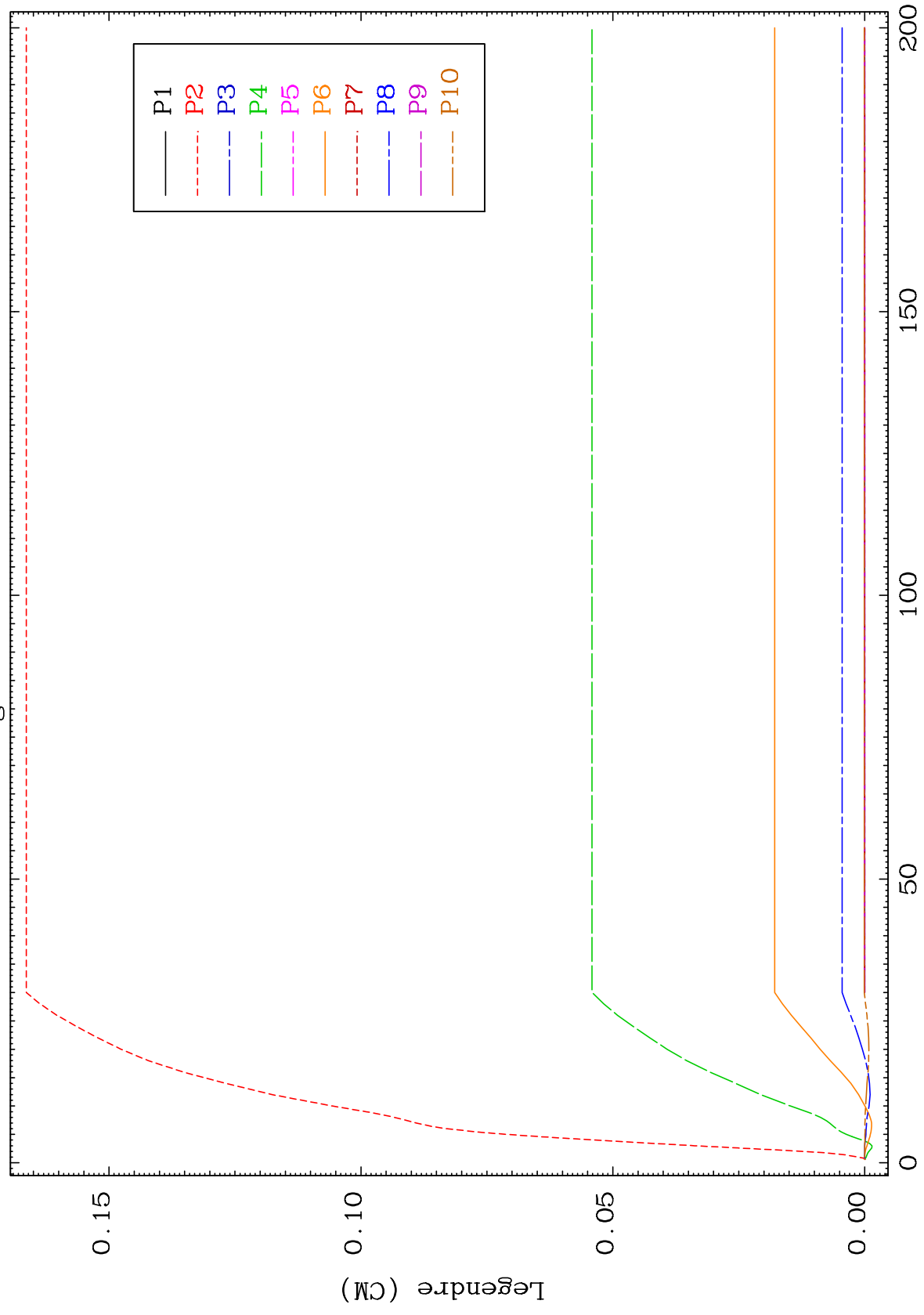
79-Au-190



MAT 7904

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

79-Au-190



106

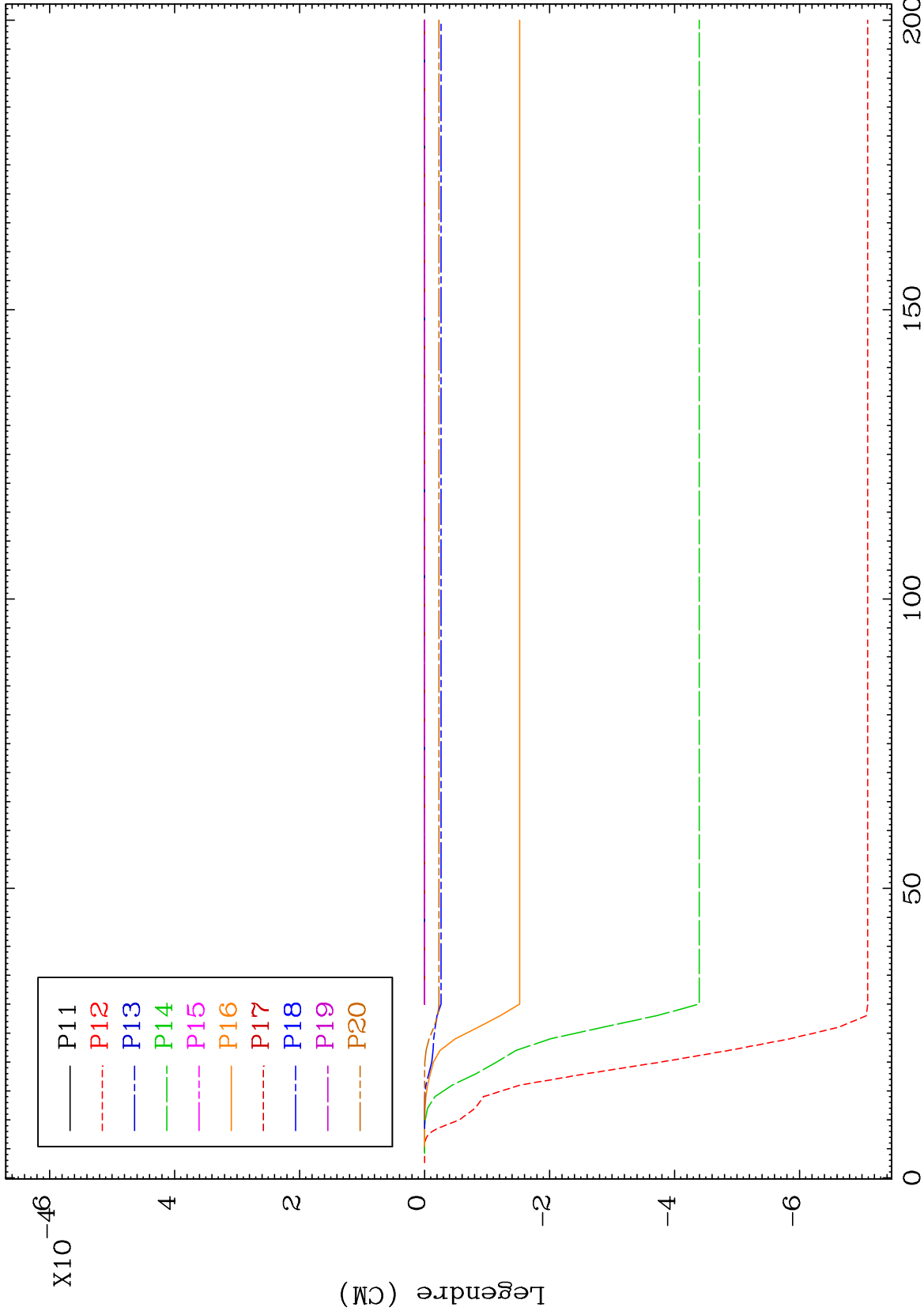
Incident Energy (MeV)

79-Au-190

MAT 7904

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

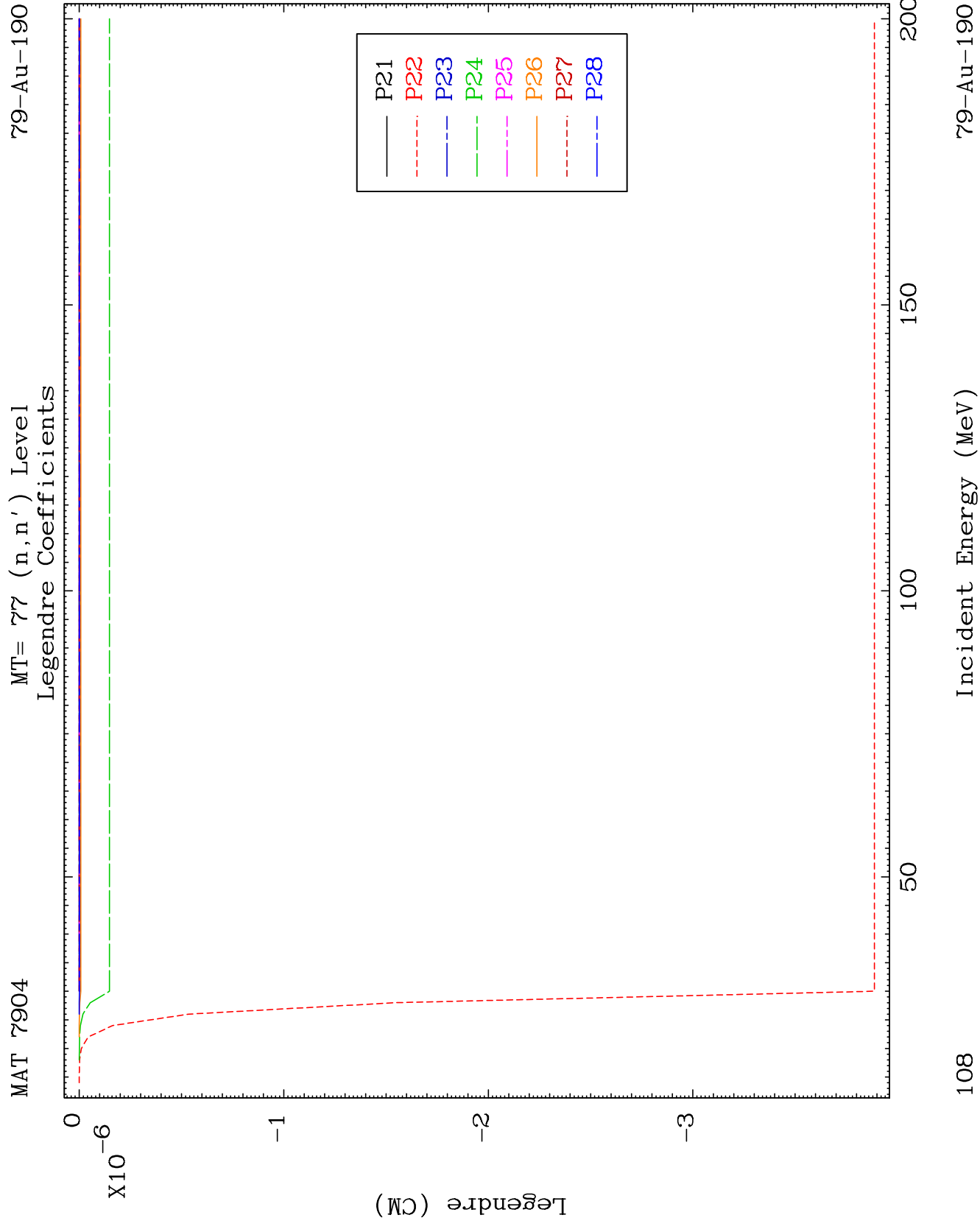
79-Au-190

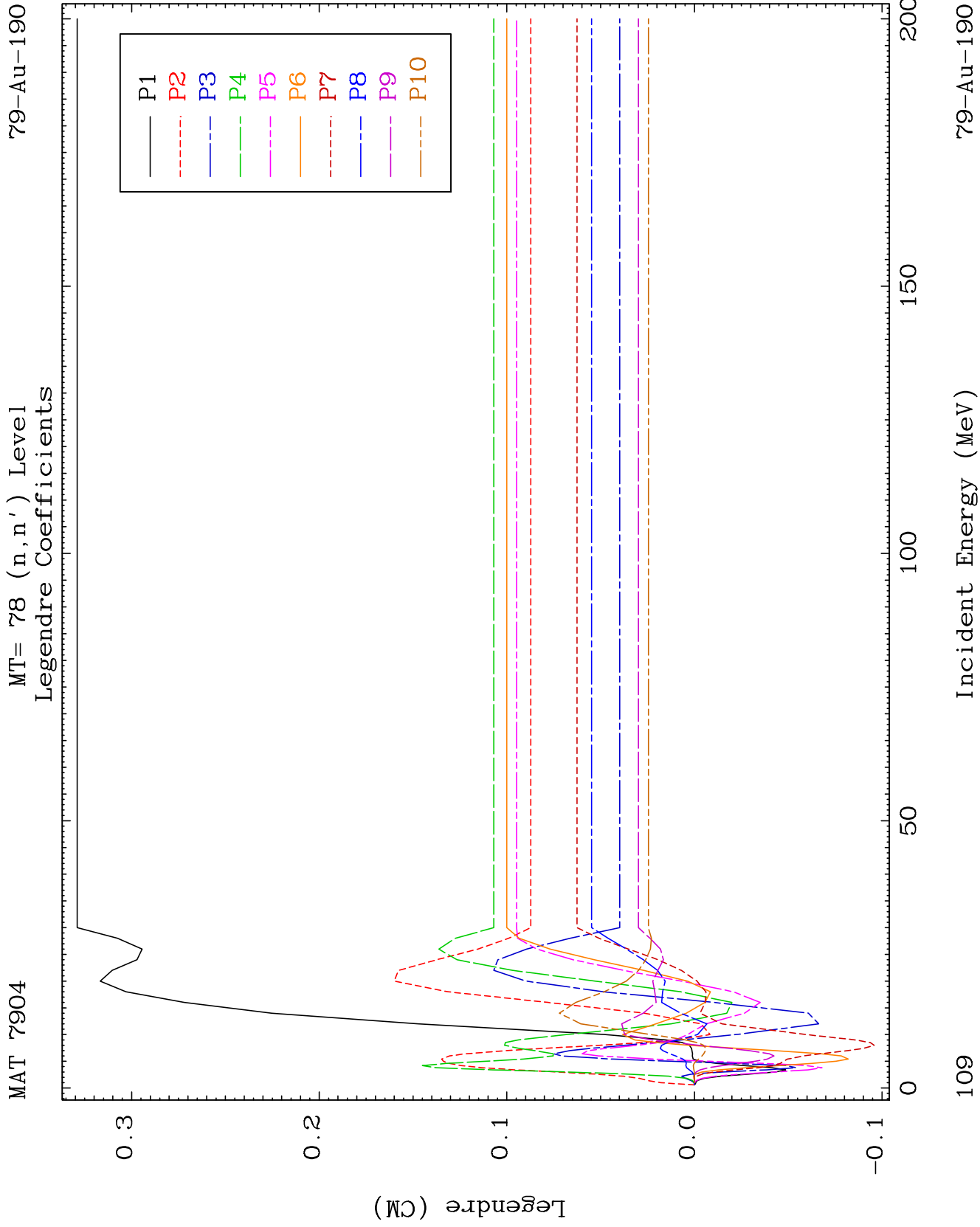


107

Incident Energy (MeV)

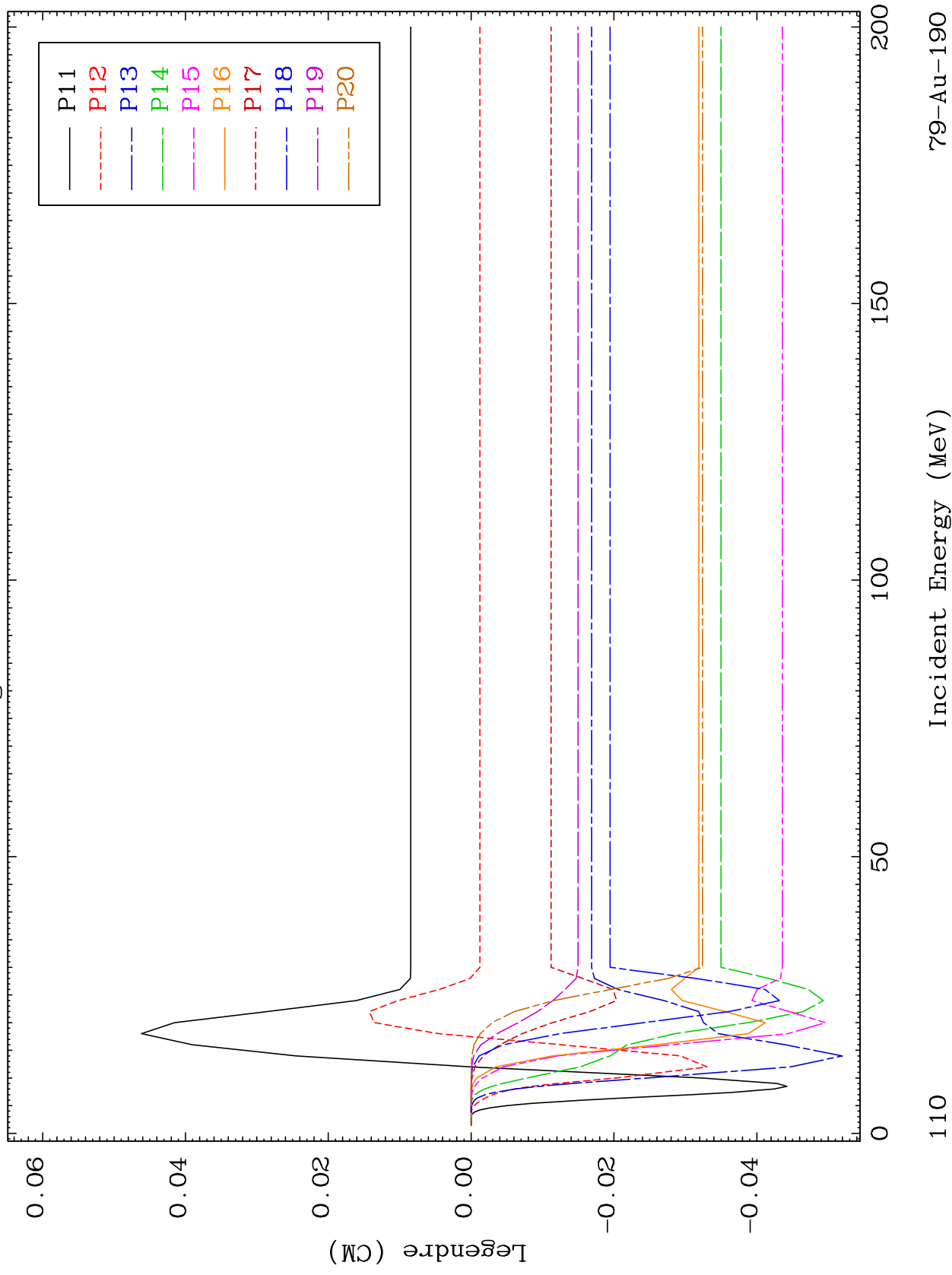
79-Au-190



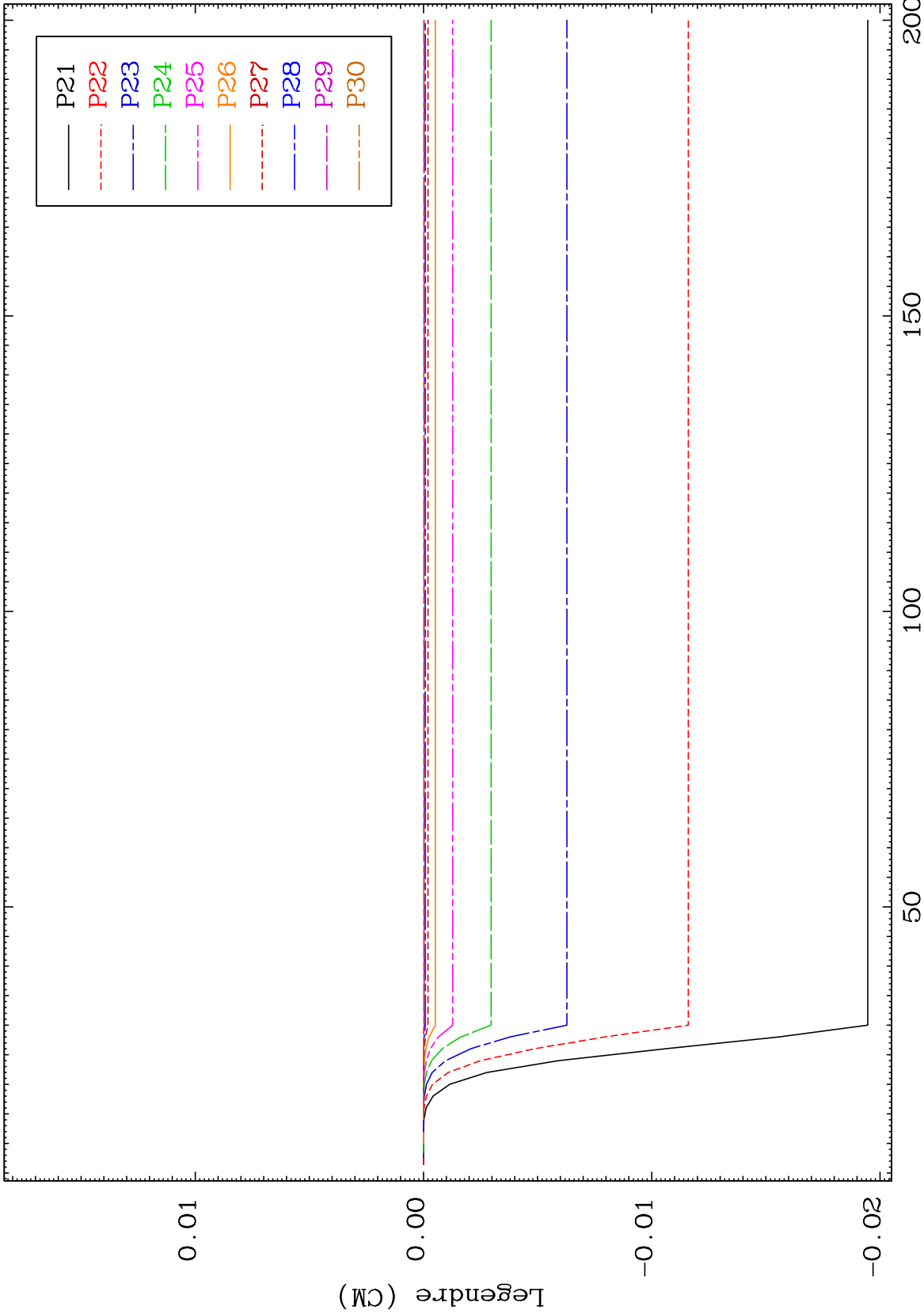


MAT 7904

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

⁷⁹Au-190

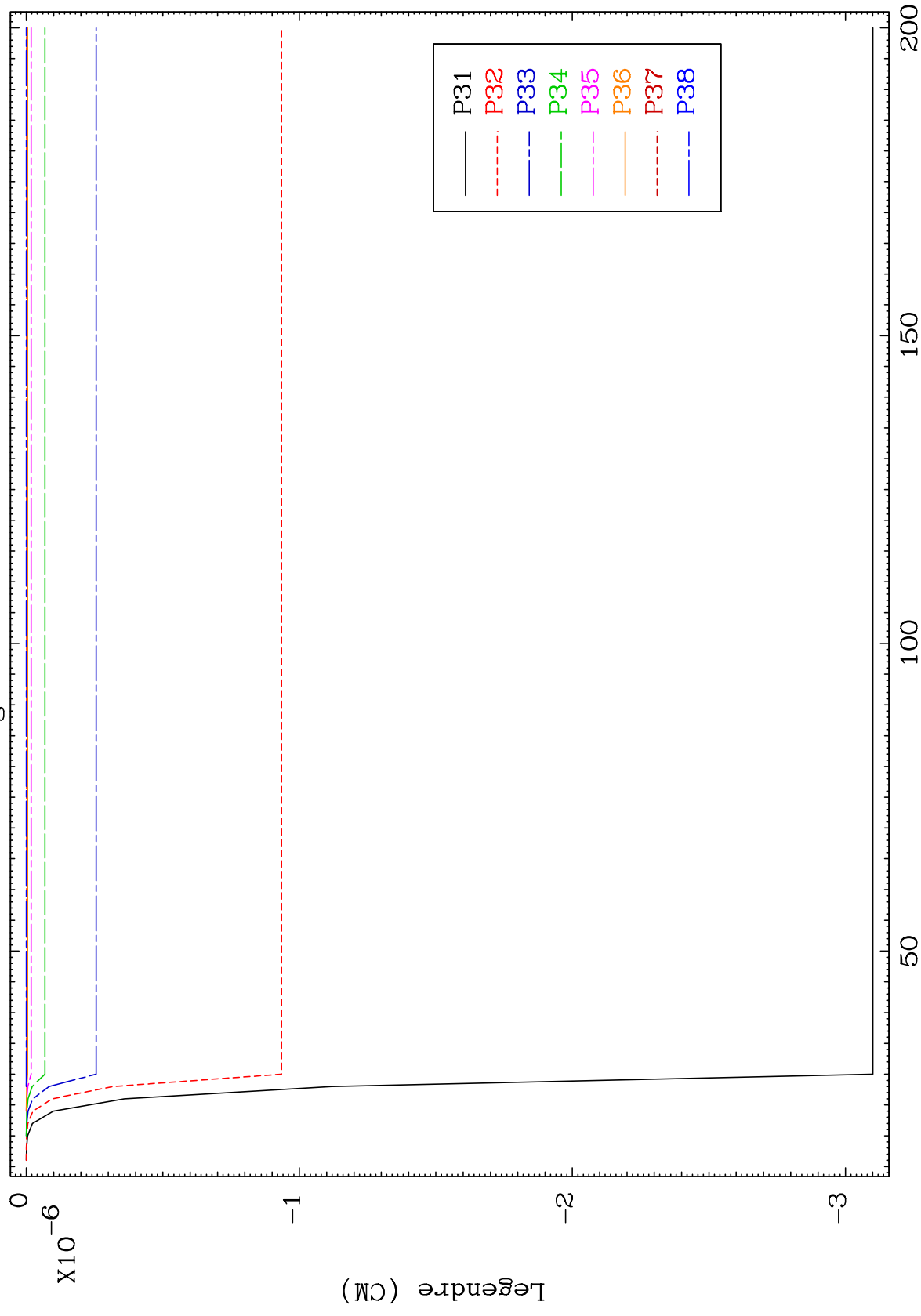
MAT 7904 MT= 78 (n,n') Level Legendre Coefficients 79-Au-190



111 79-Au-190

MAT 7904

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

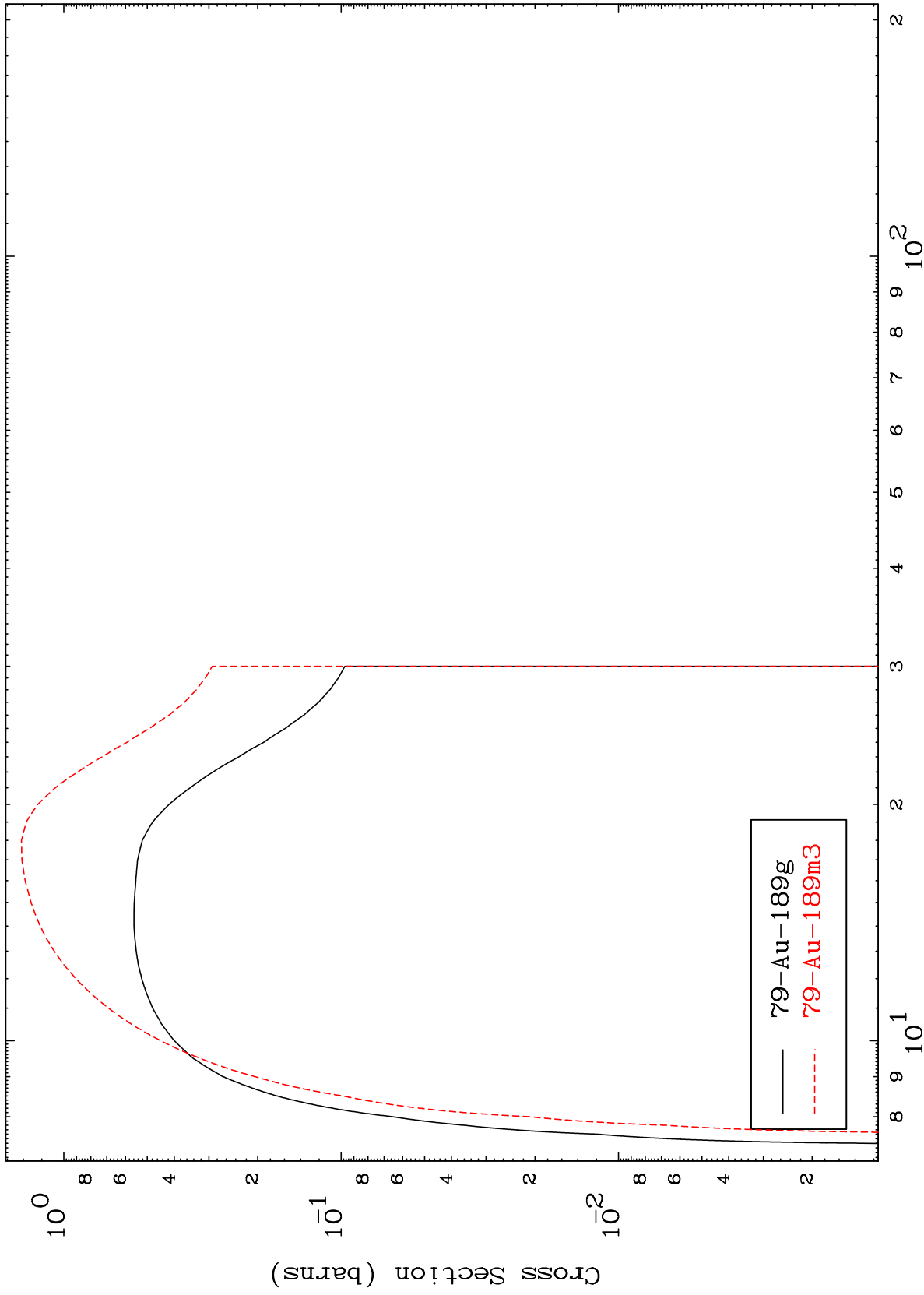
⁷⁹Au-190

112

Incident Energy (MeV)

79-Au-190

(n,2n)
Radionuclide Production Cross Section

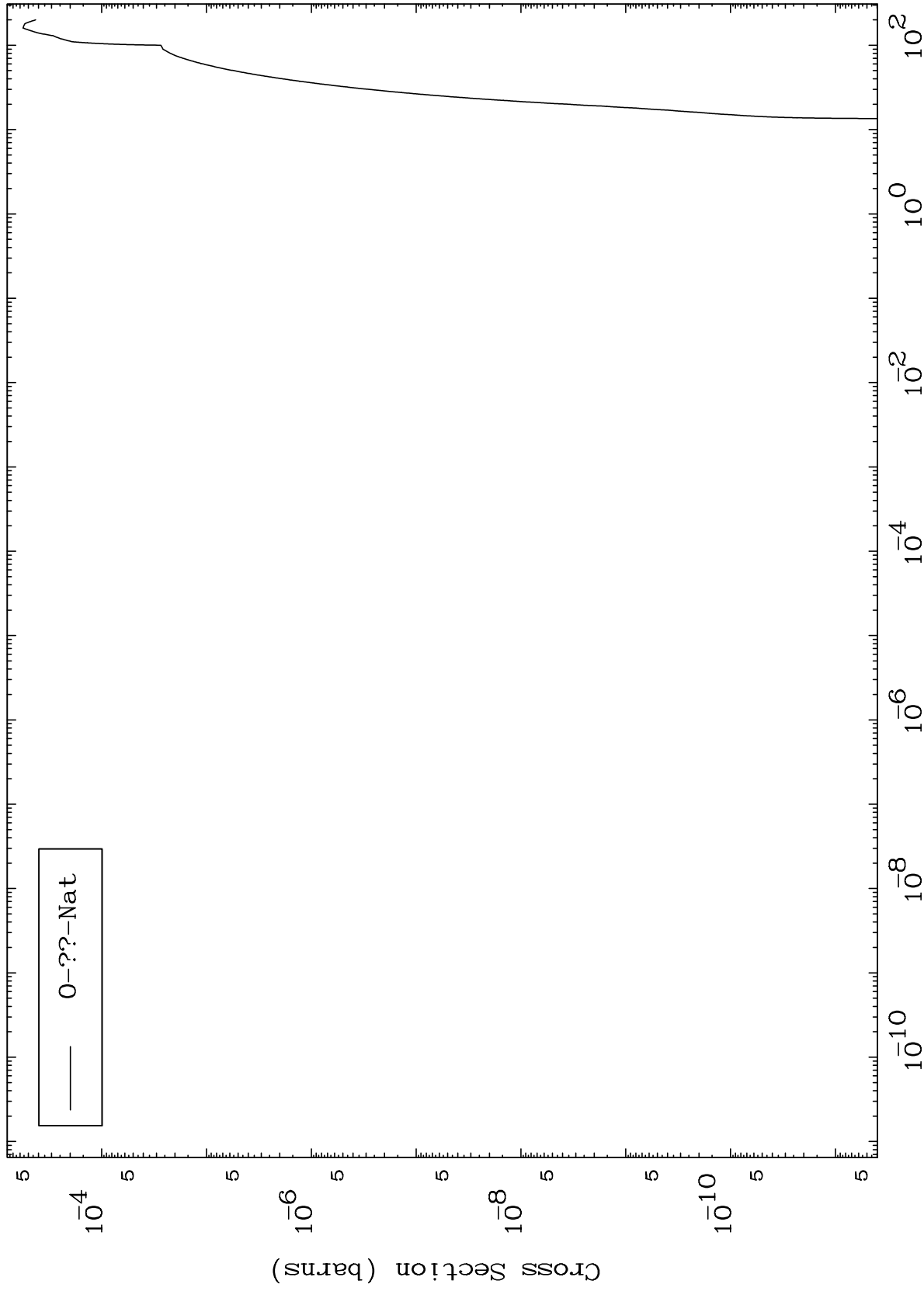


MAT 7904

Fission

⁷⁹Au-190

Radionuclide Production Cross Section



114

Incident Energy (MeV)

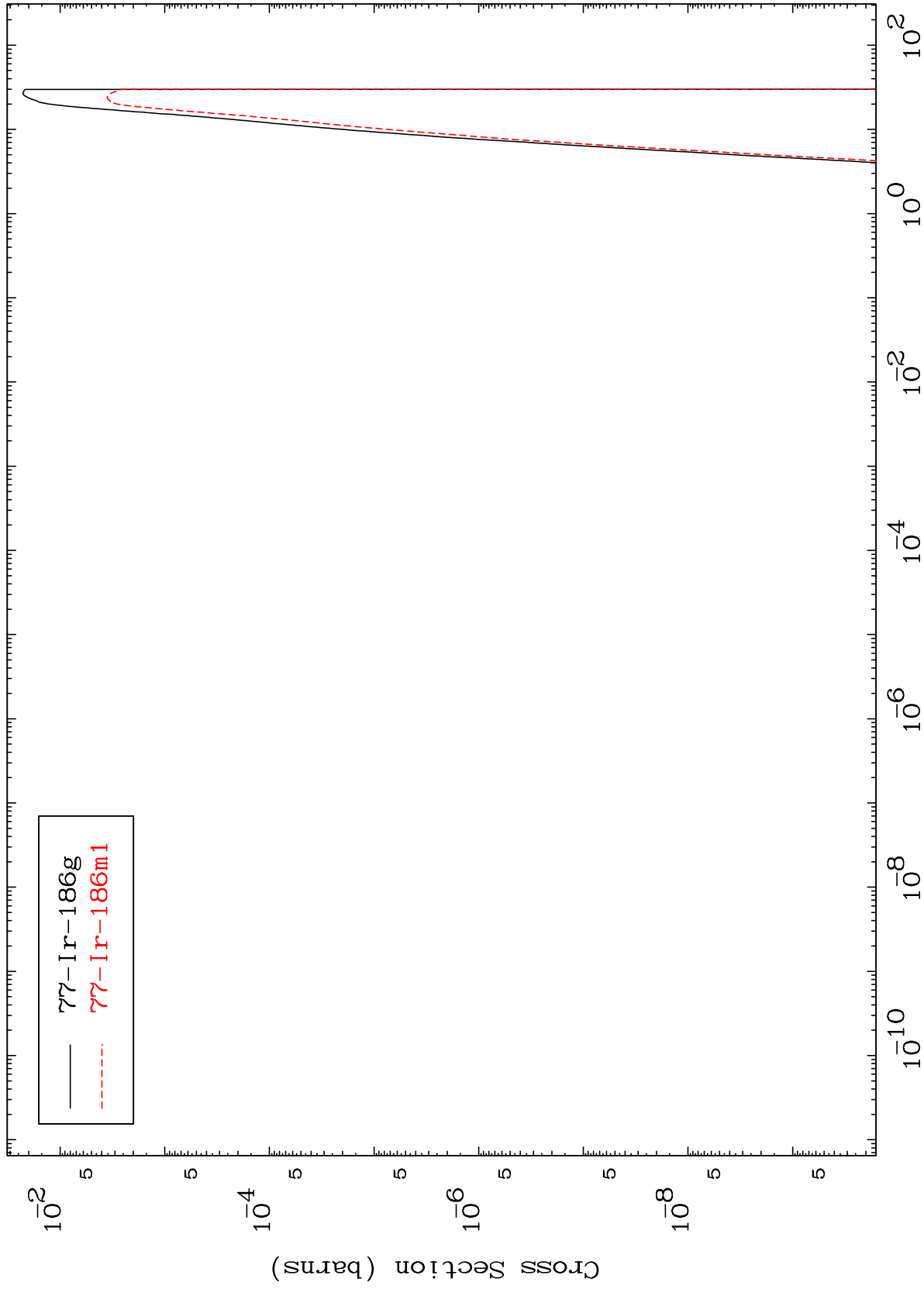
⁷⁹Au-190

MAT 7904

$(n,n') \alpha$

$^{79}\text{Au-190}$

Radionuclide Production Cross Section



115

Incident Energy (MeV)

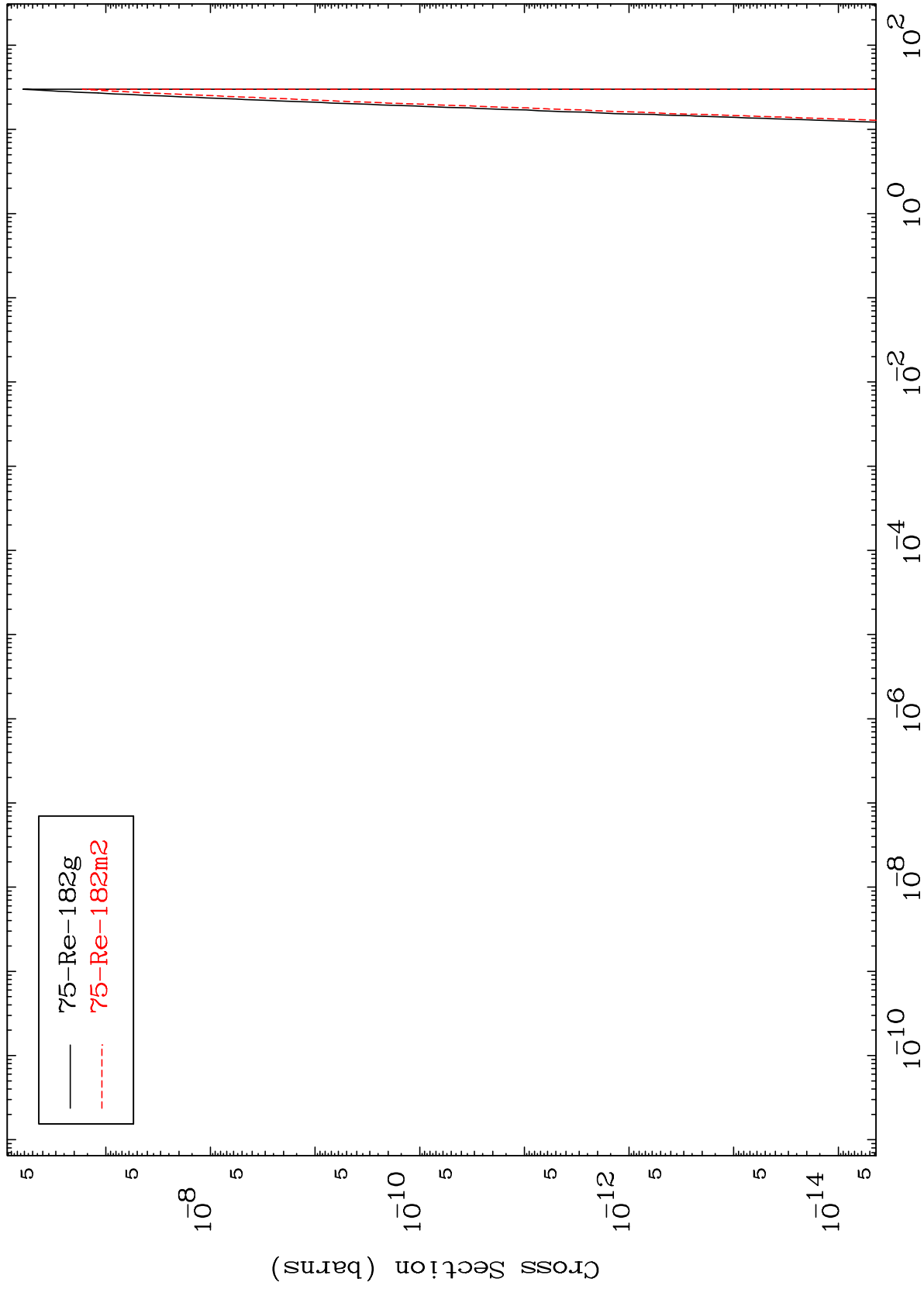
$^{79}\text{Au-190}$

MAT 7904

(n,n') 2 α

⁷⁹Au-190

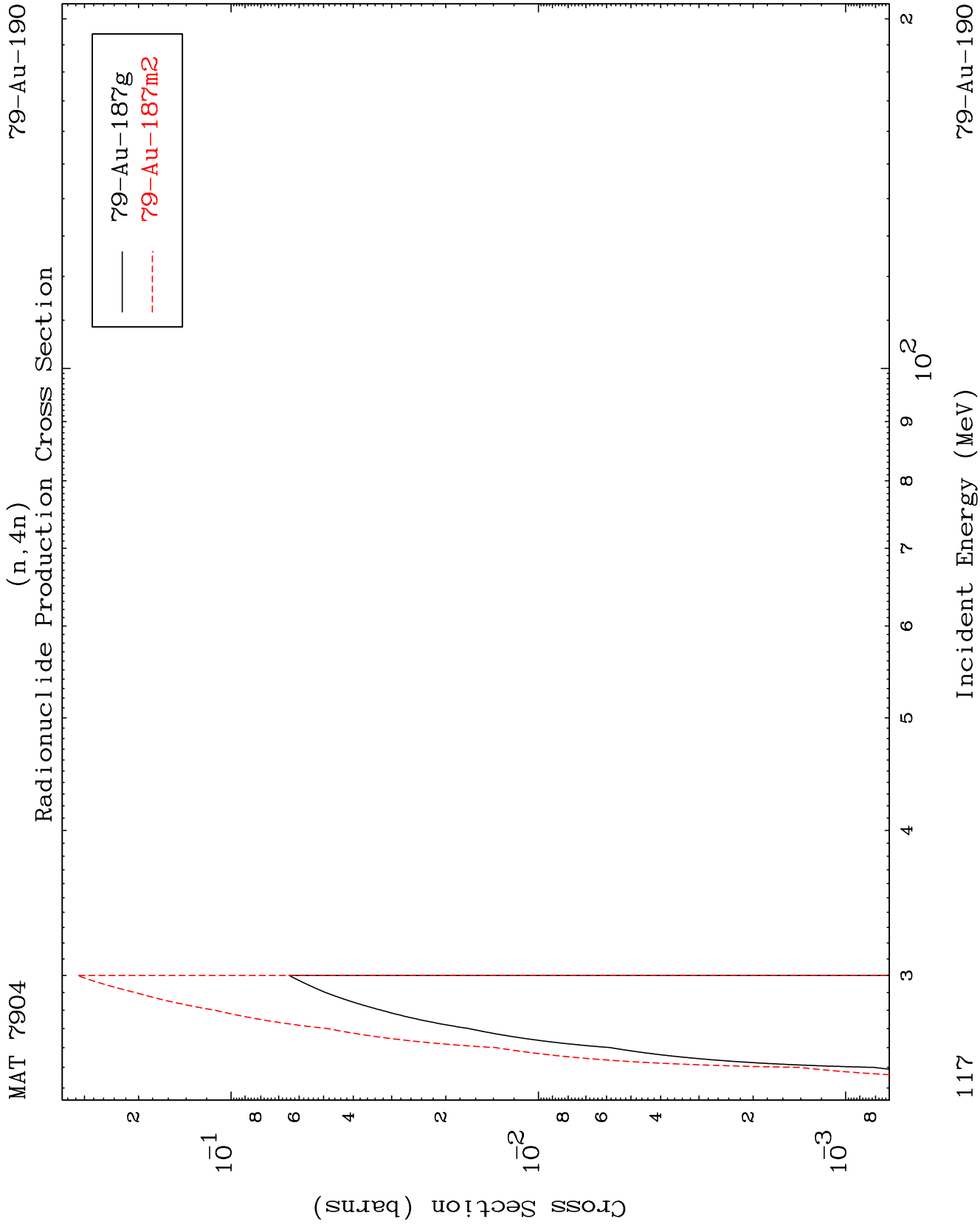
Radionuclide Production Cross Section



116

Incident Energy (MeV)

⁷⁹Au-190



Radionuclide Production Cross Section
(n, γ)

