

Program EVALPLOT  
(Version 2021-1)

by

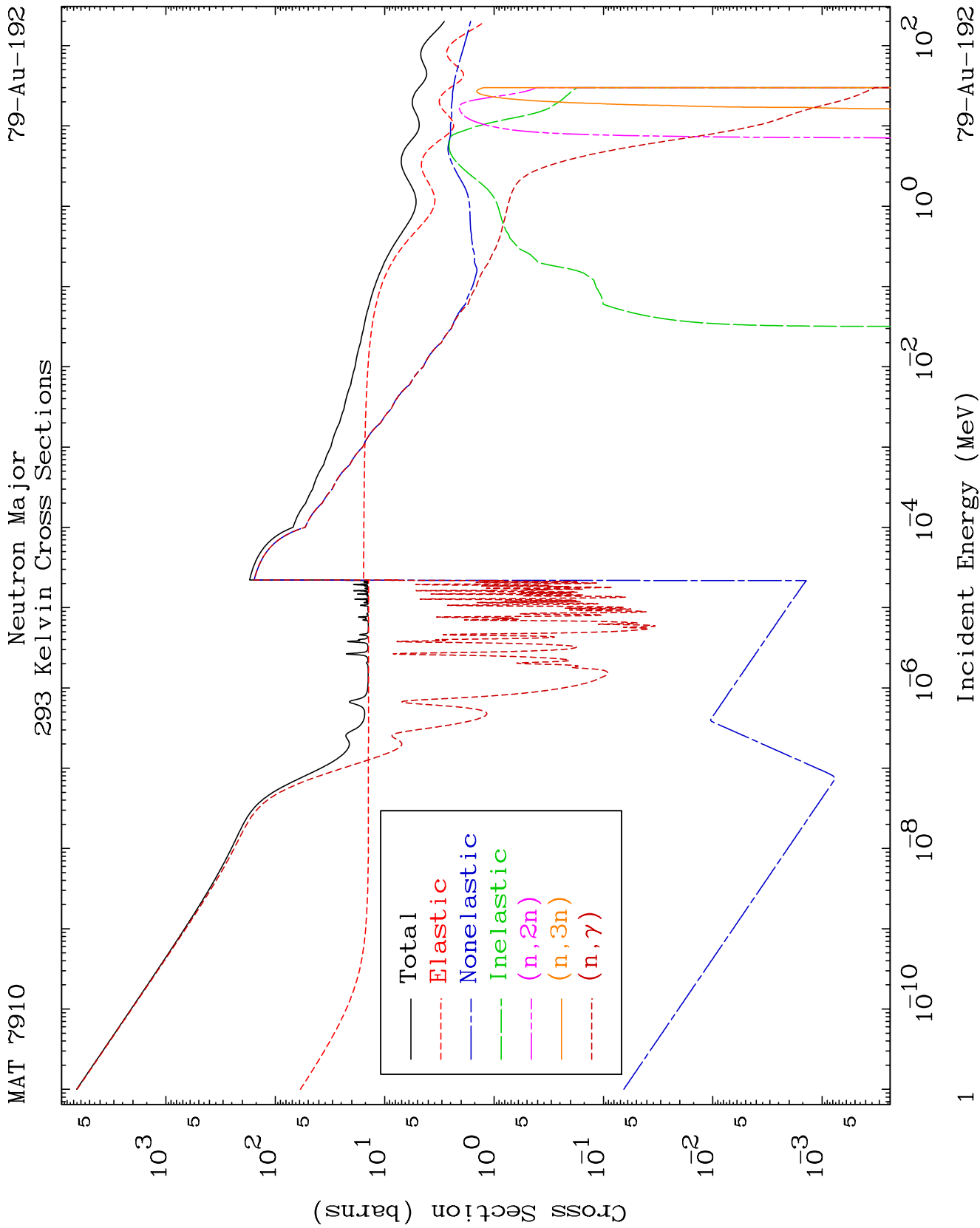
Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

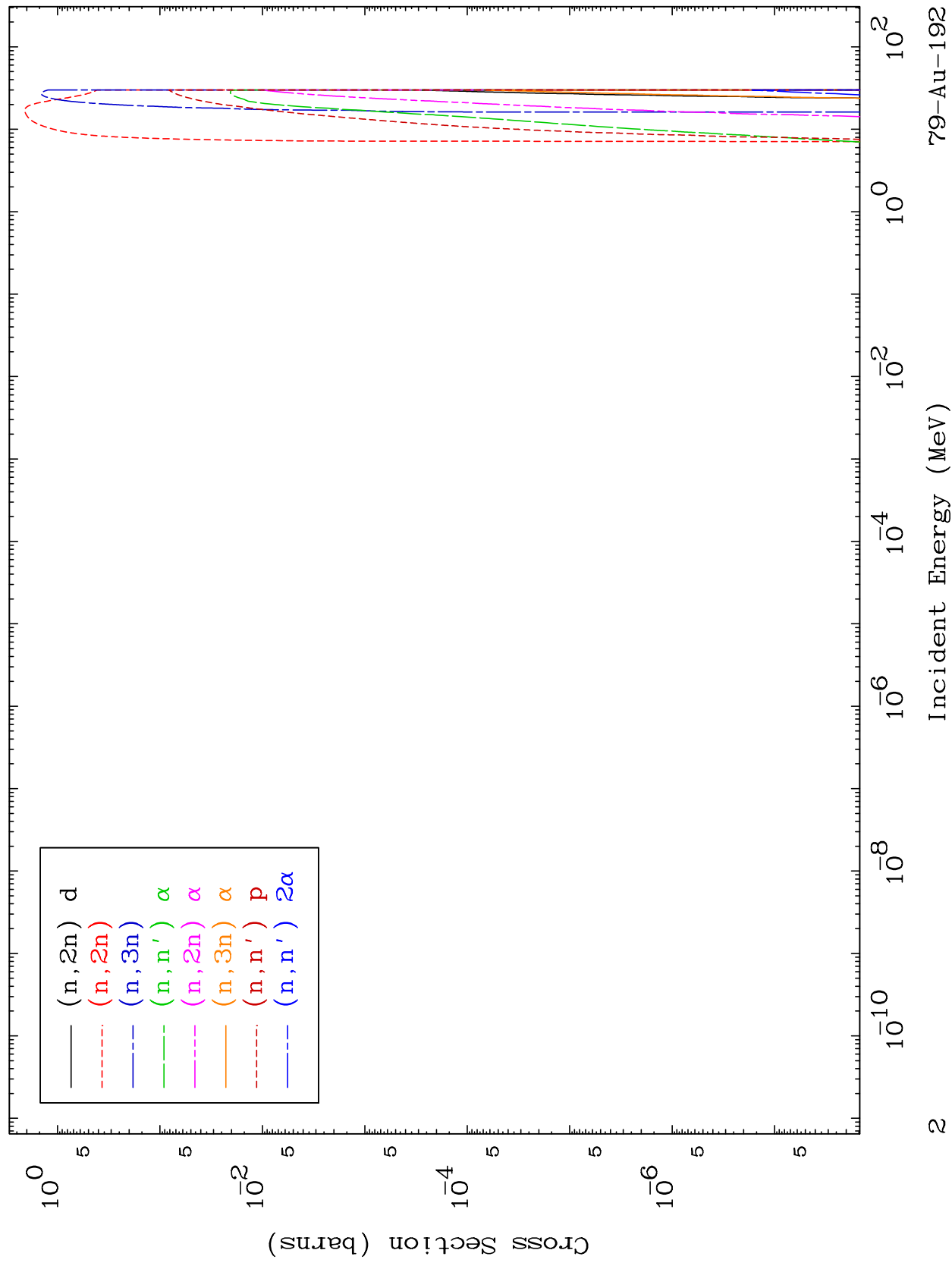
Press Mouse Button to Start

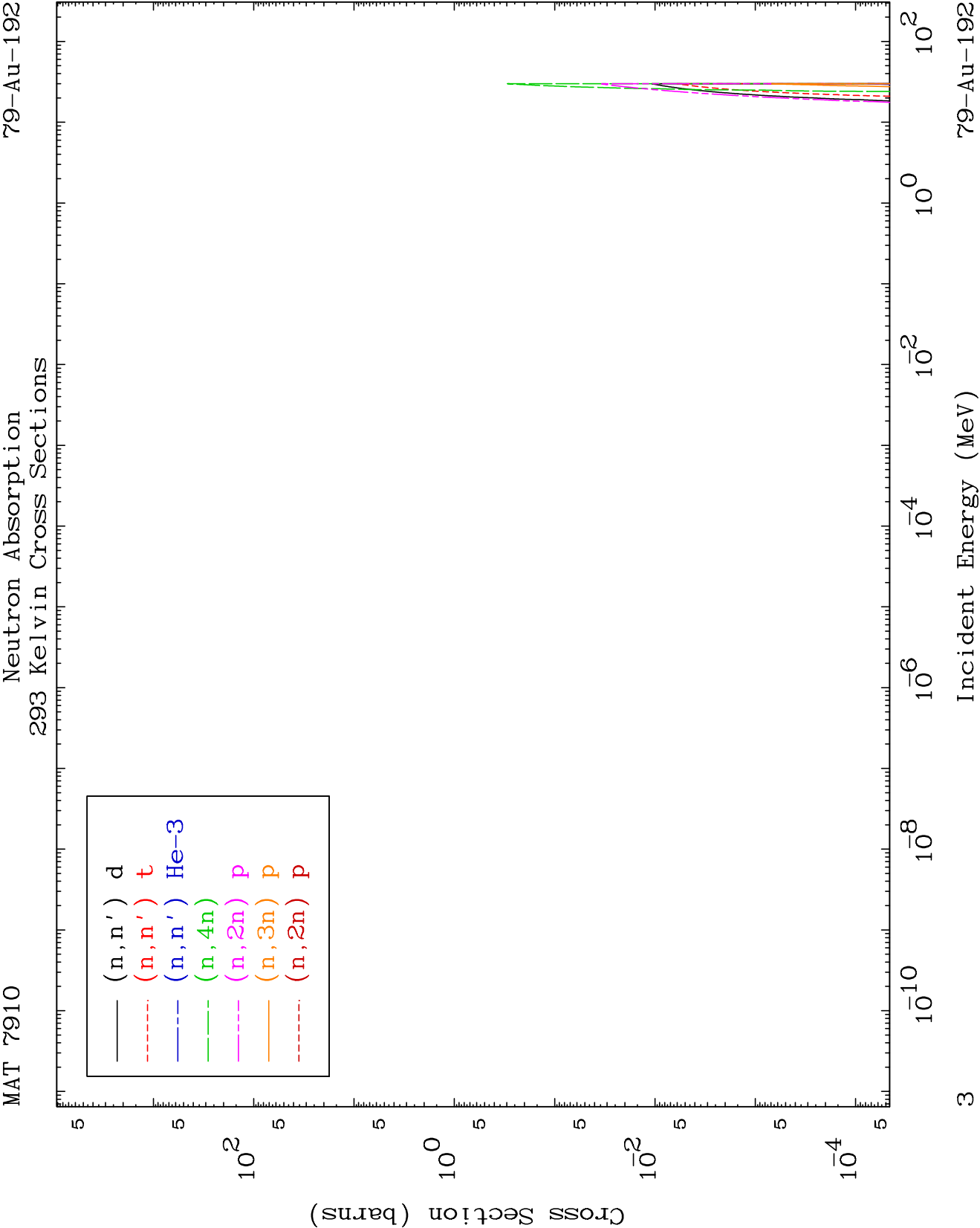


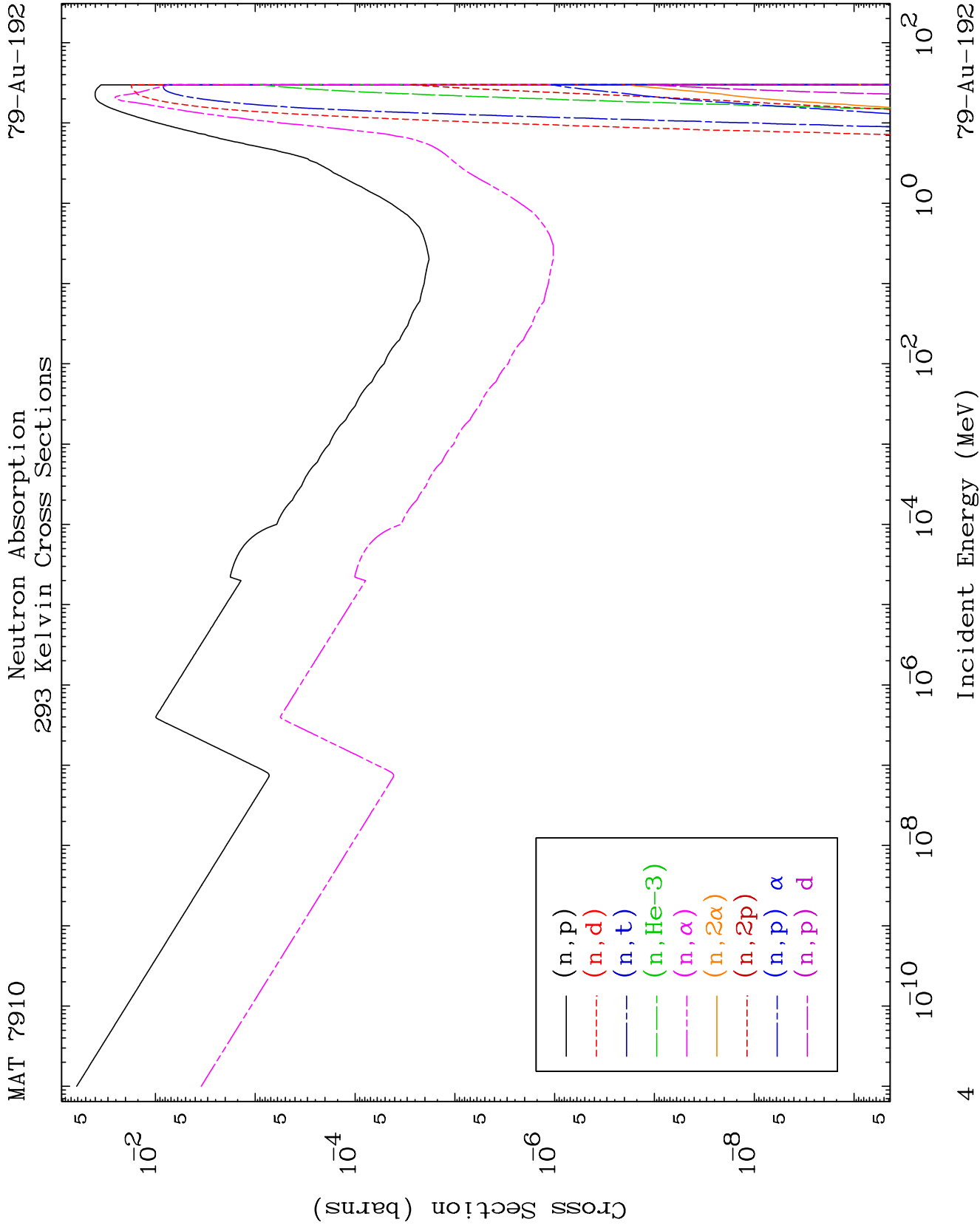
MAT 7910

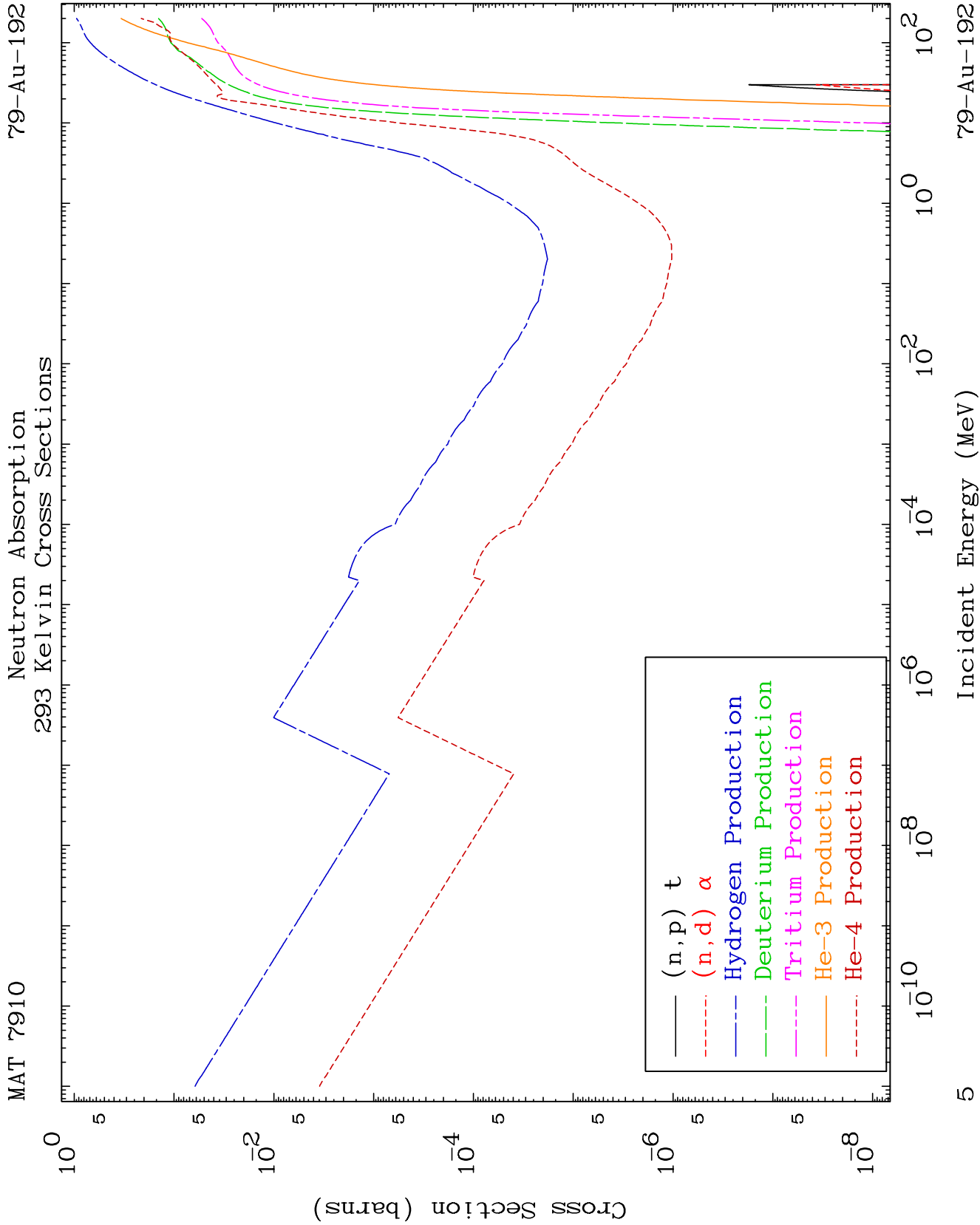
Neutron Absorption  
293 Kelvin Cross Sections

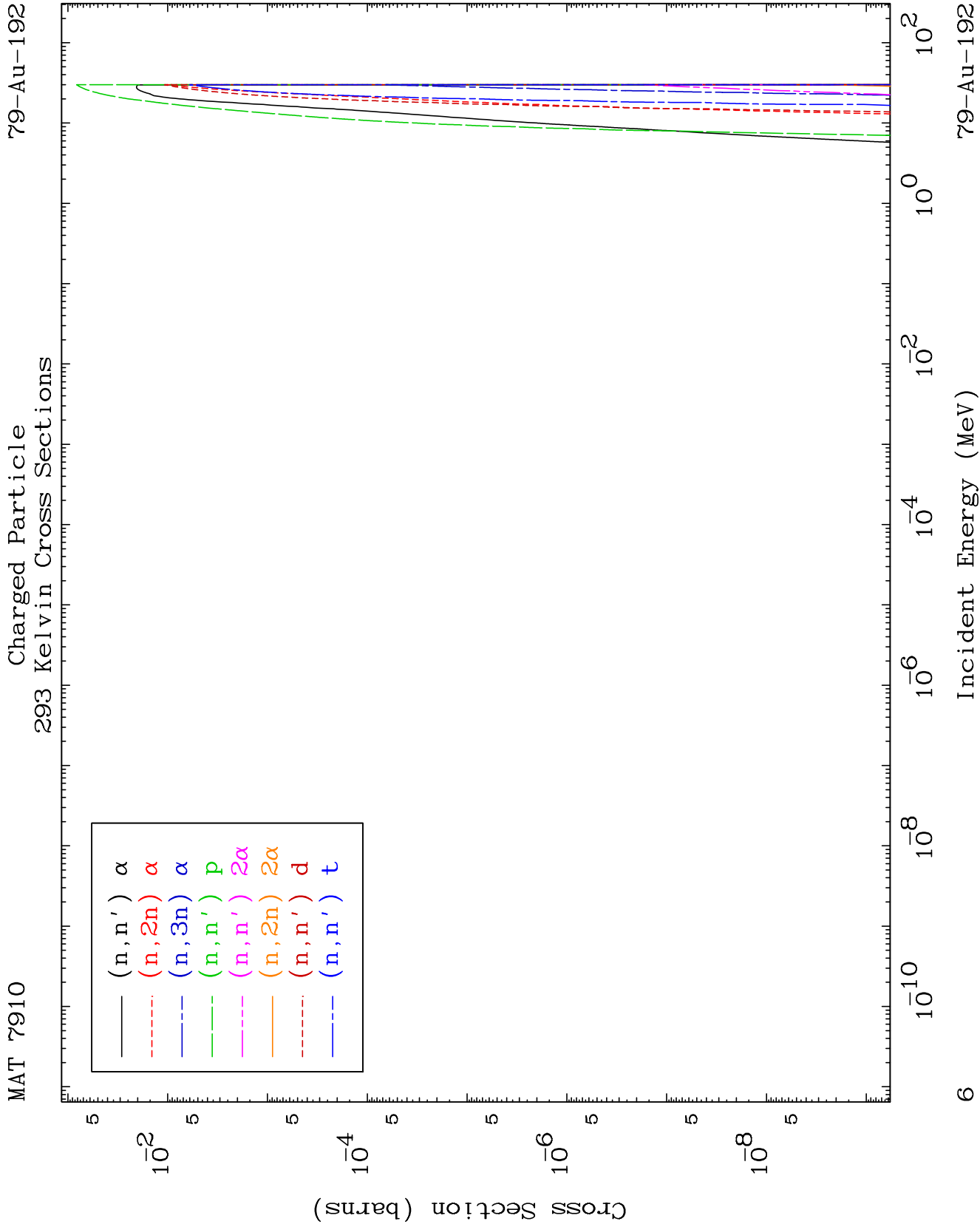
79-Au-192

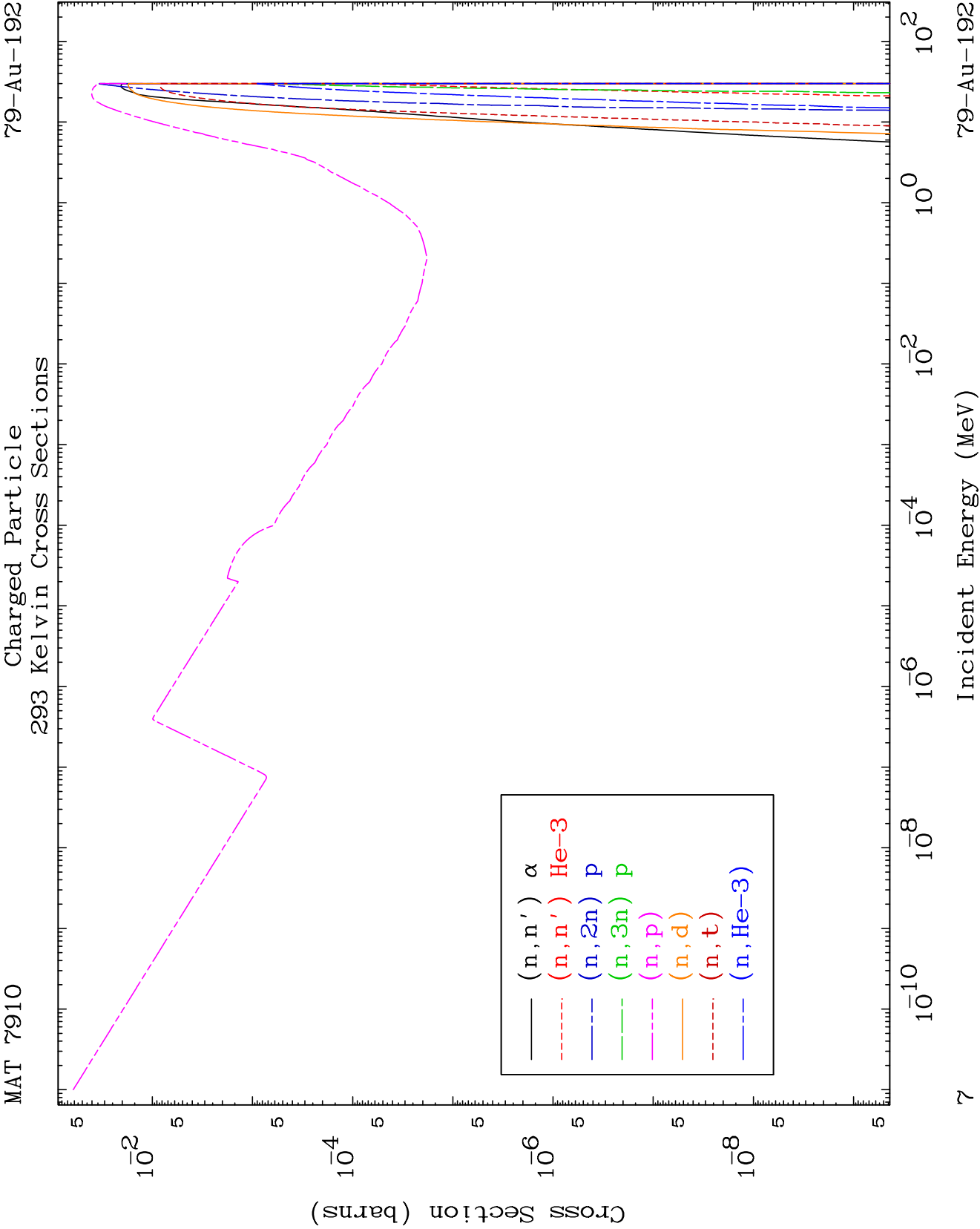




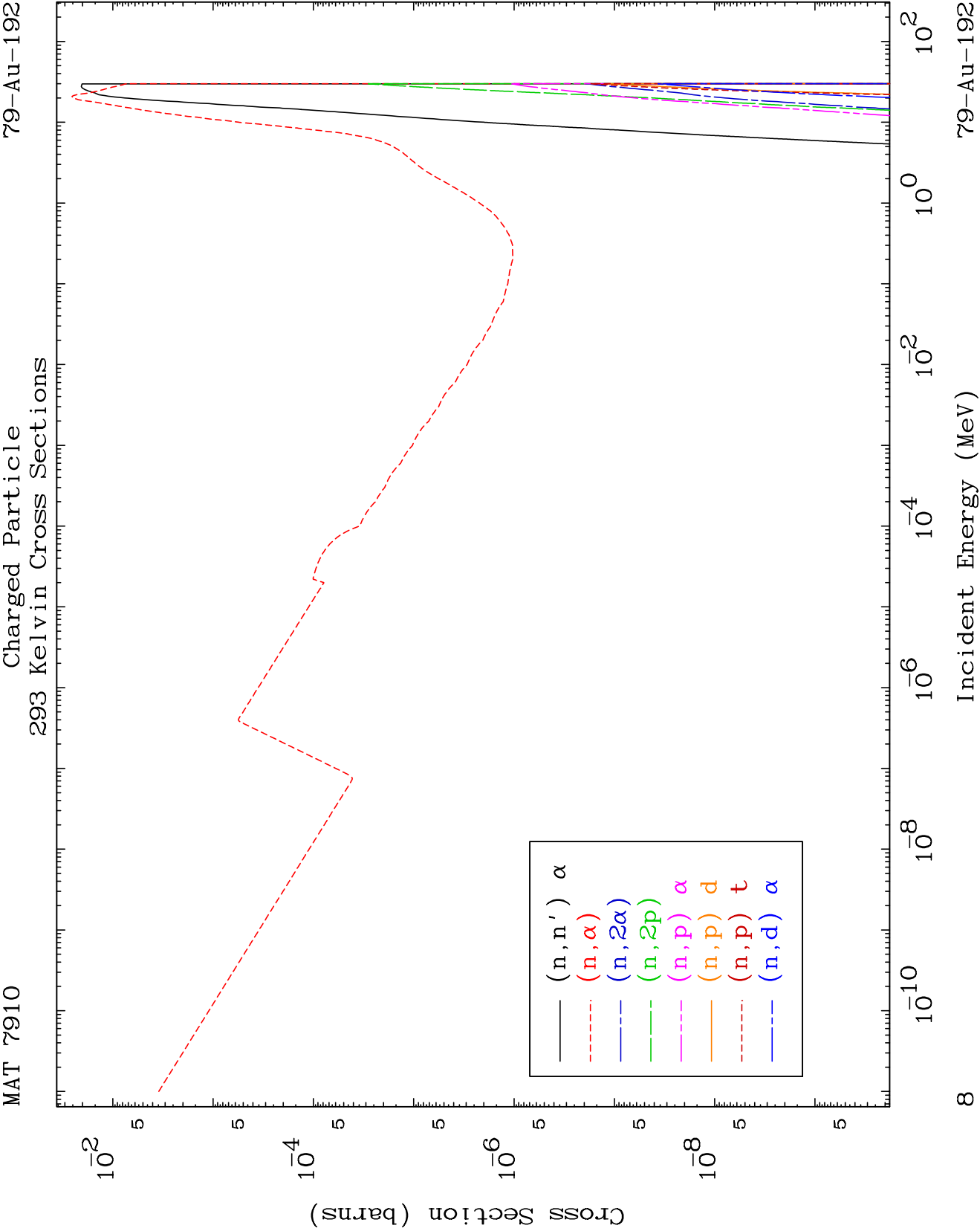


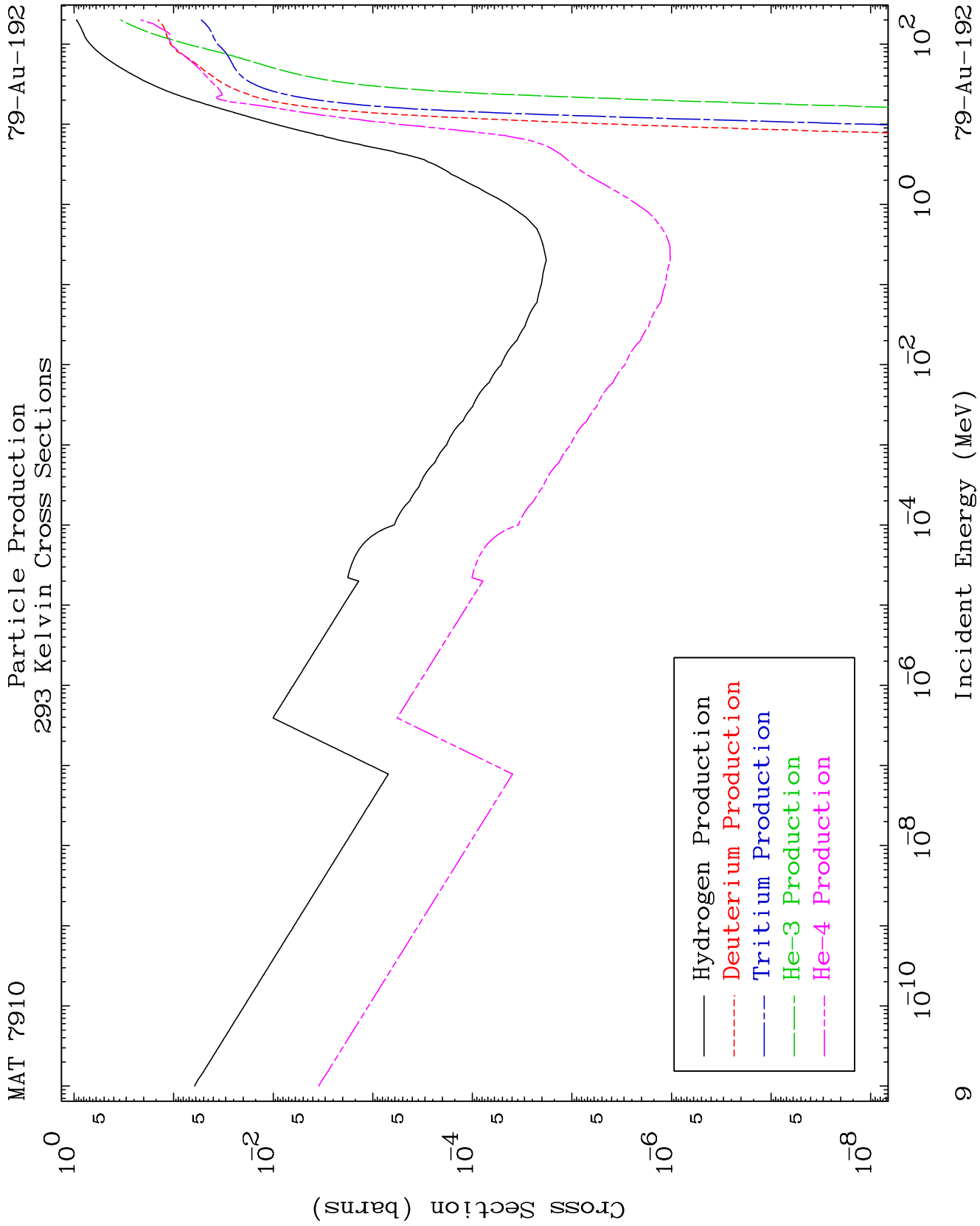


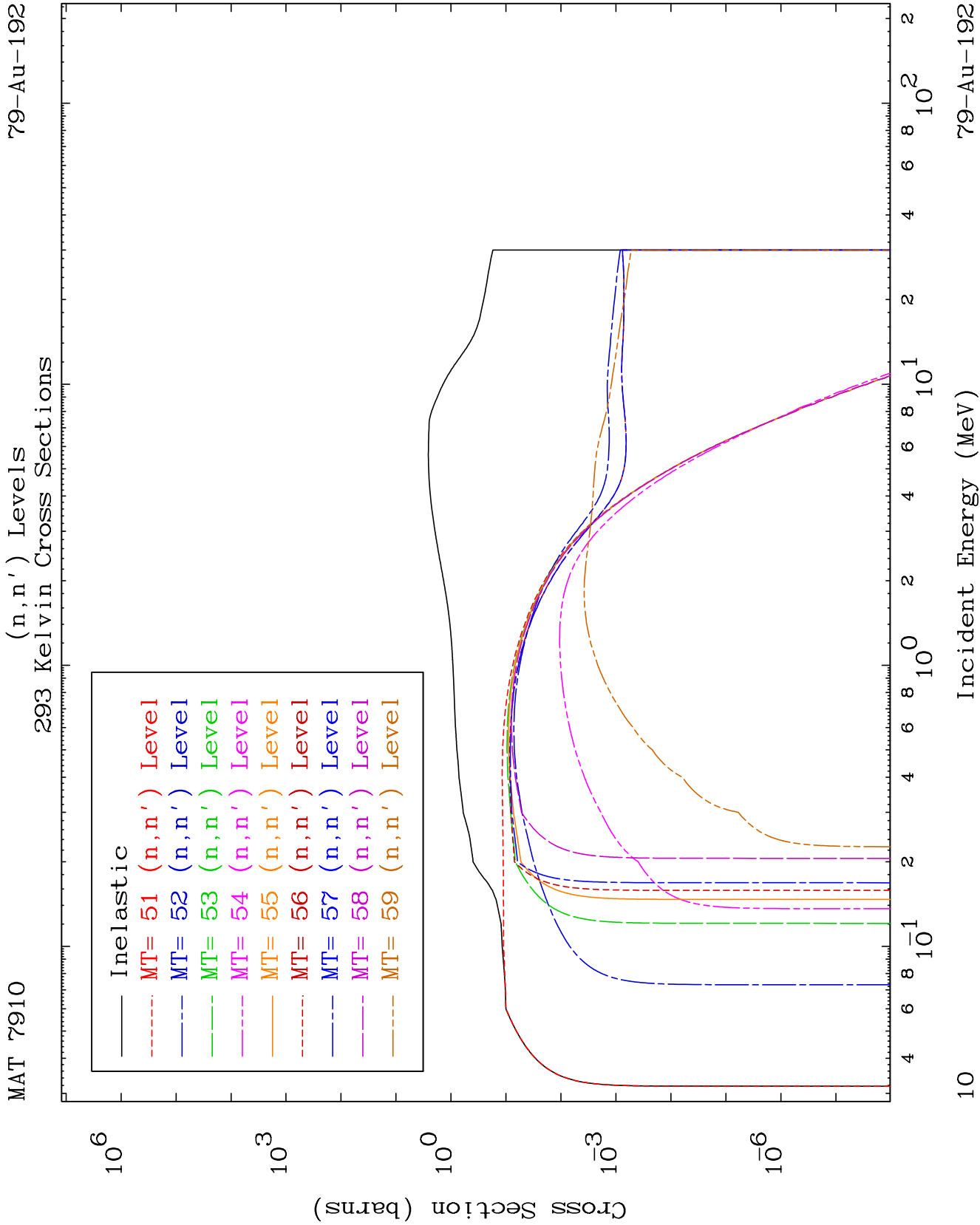


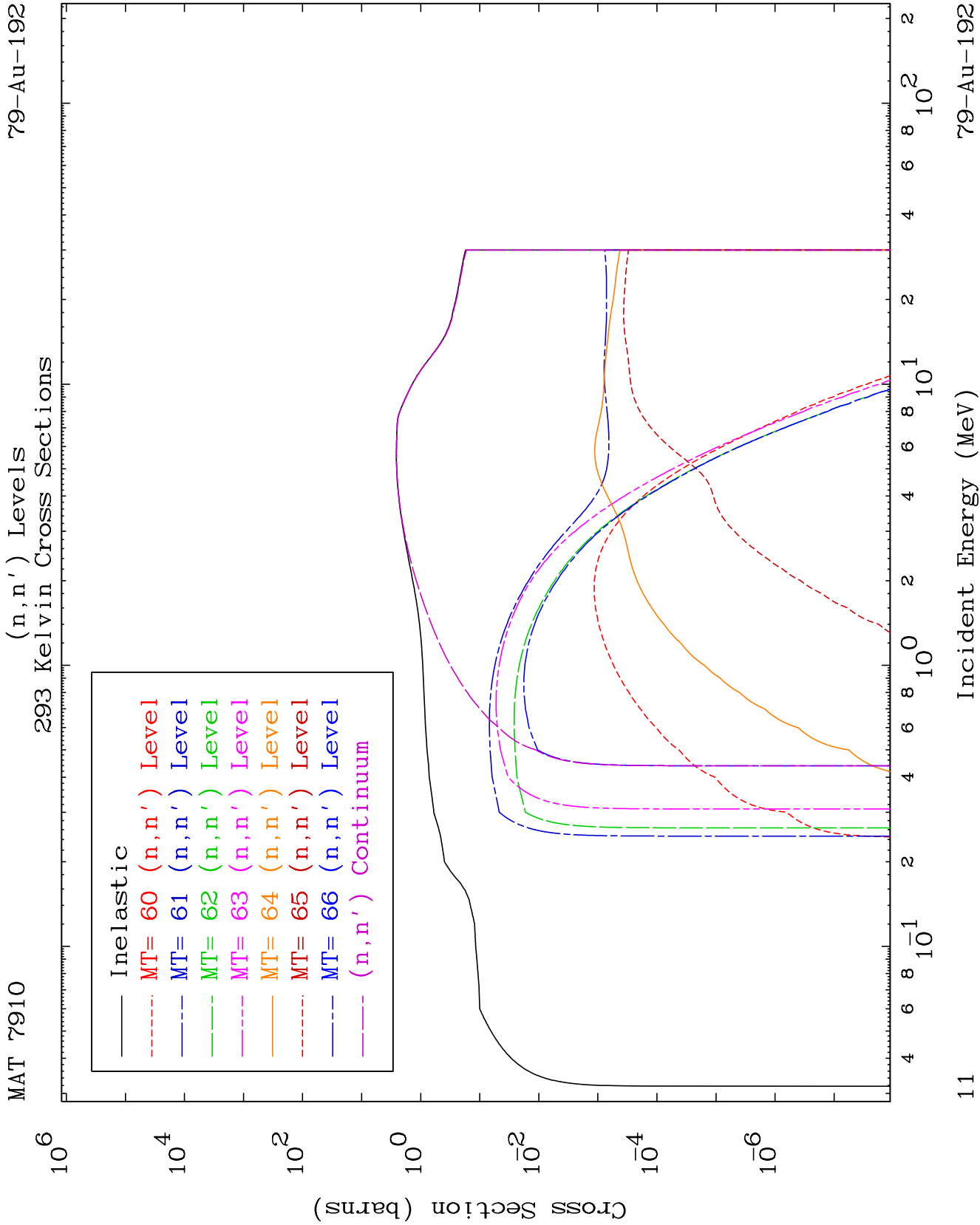


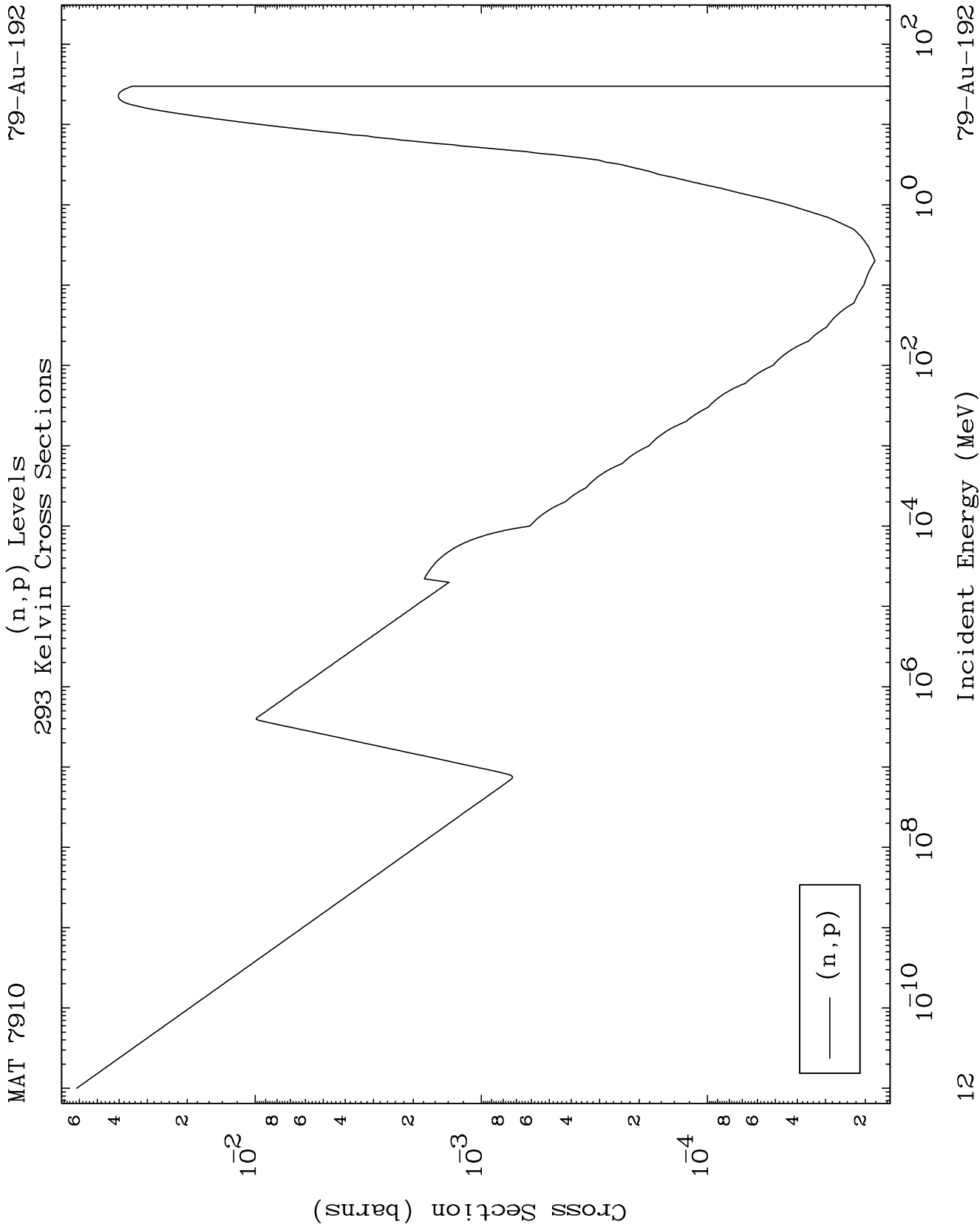








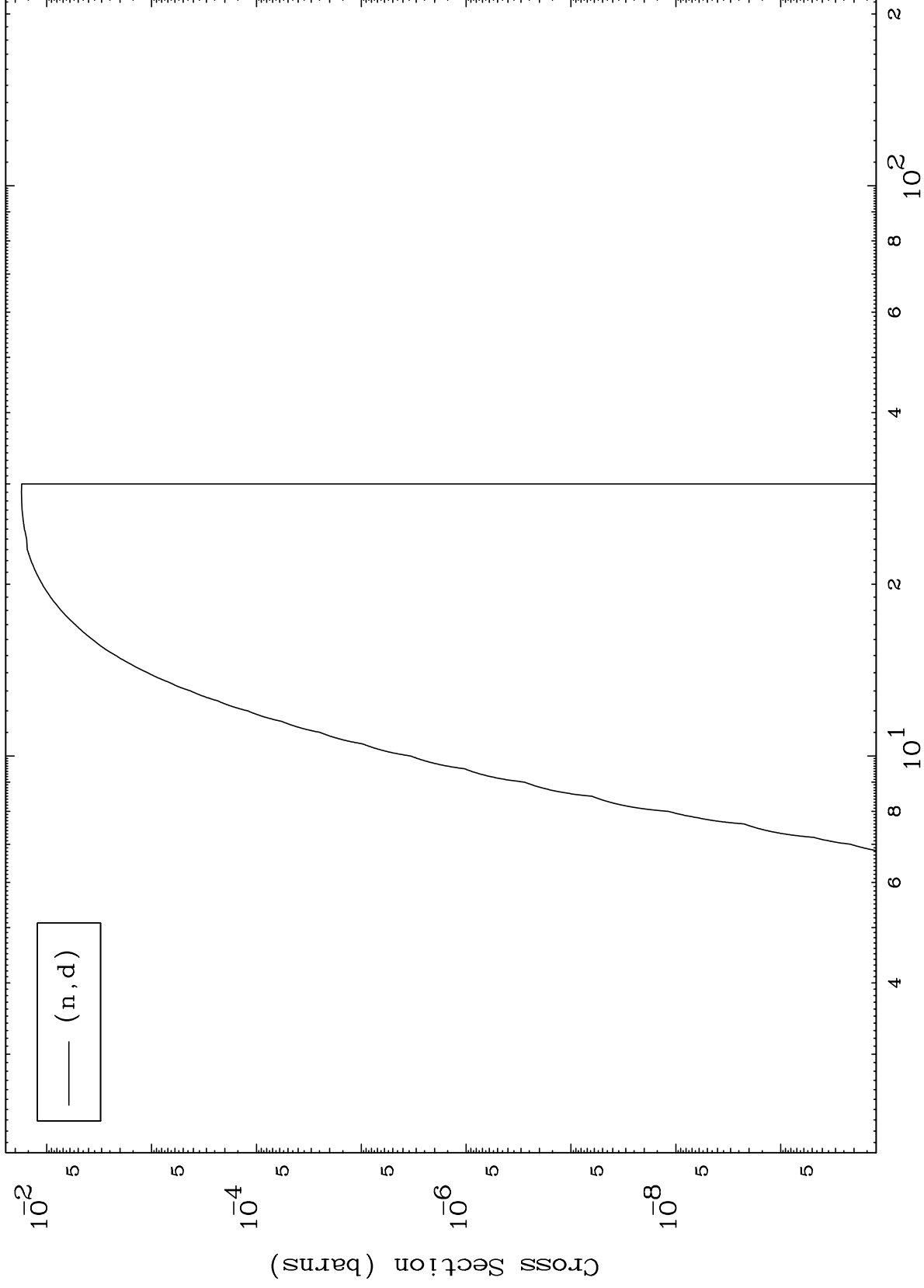




MAT 7910

79-Au-192

(n,d) Levels  
293 Kelvin Cross Sections

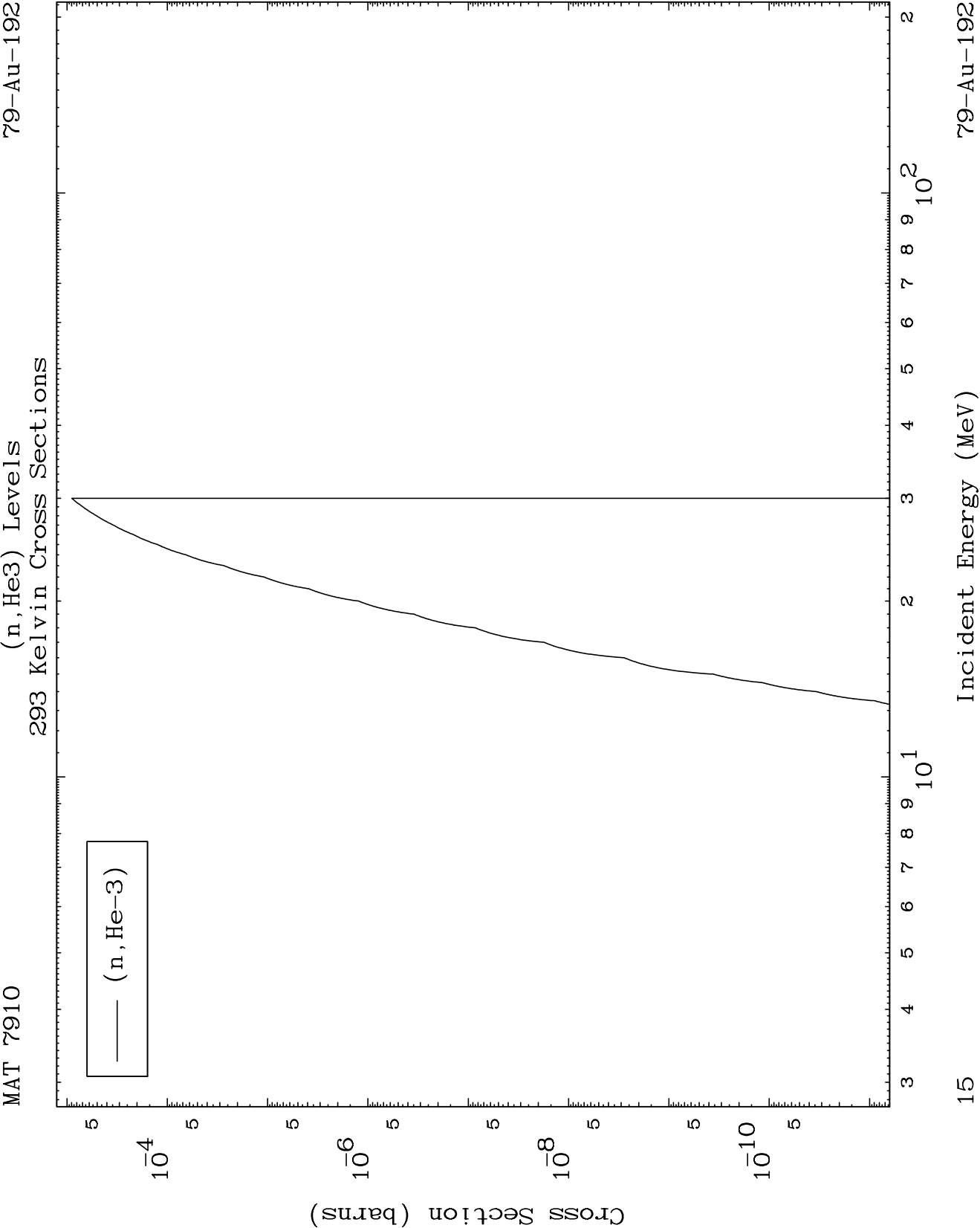


13

Incident Energy (MeV)

79-Au-192



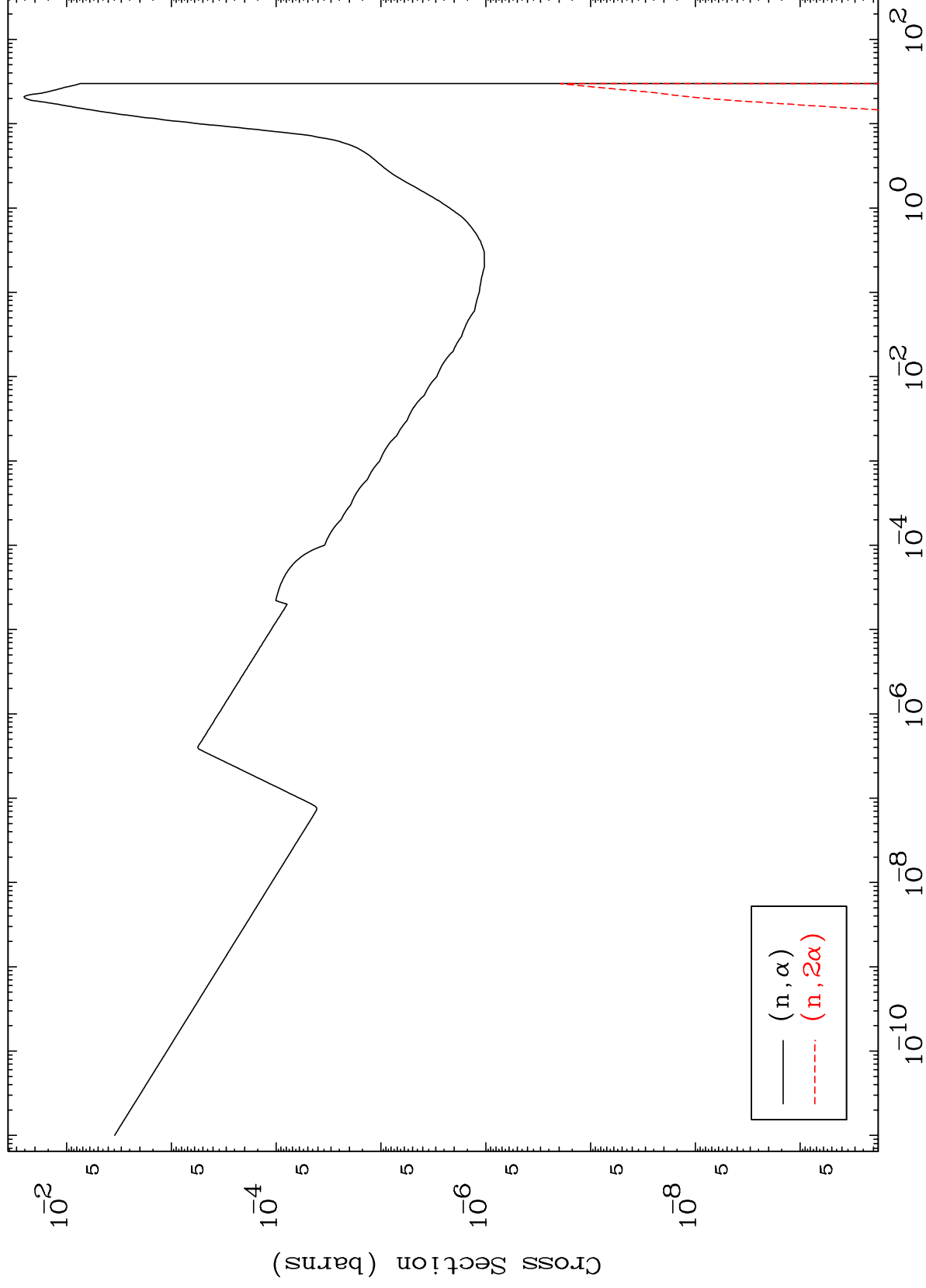




MAT 7910

(n, $\alpha$ ) Levels  
293 Kelvin Cross Sections

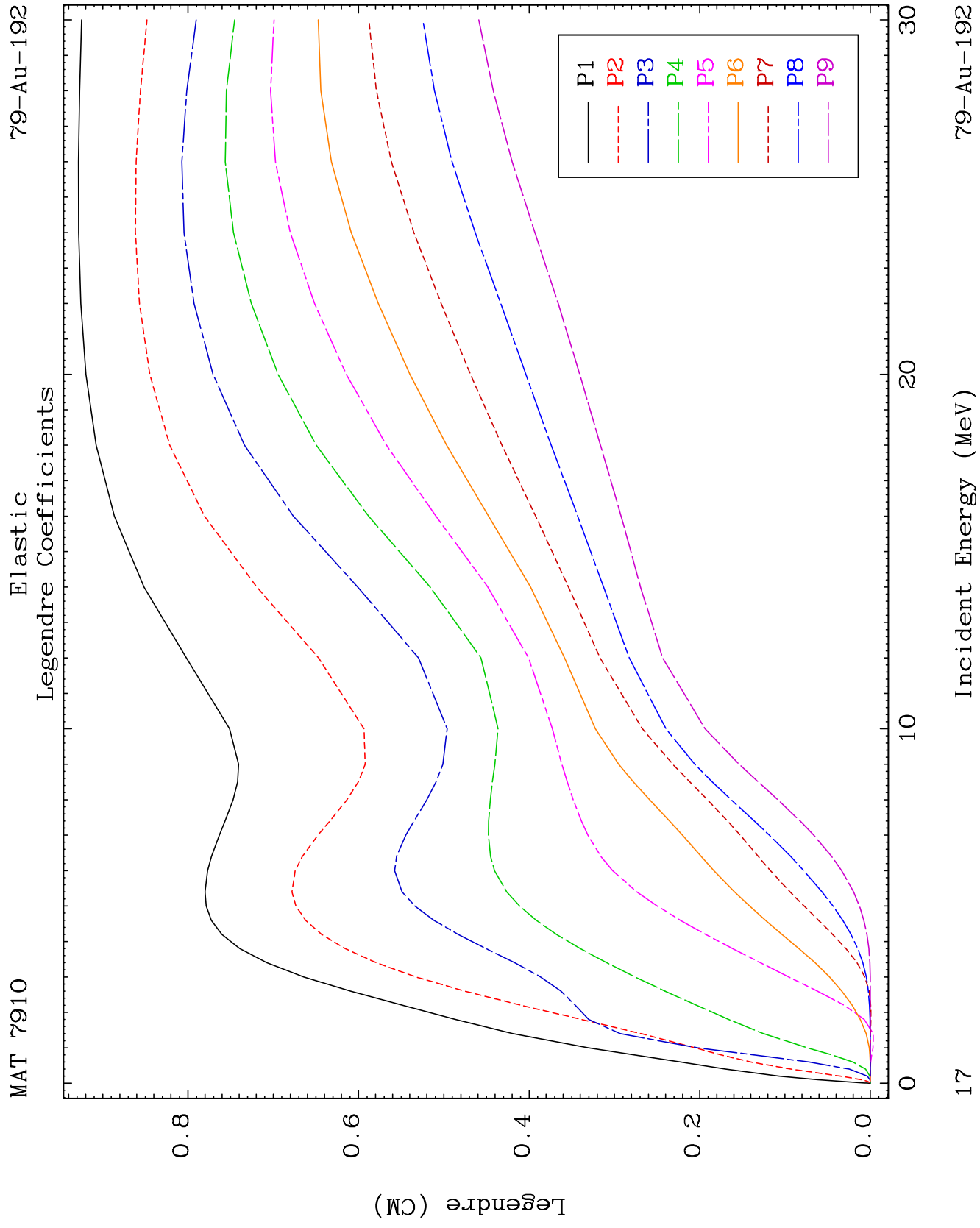
79-Au-192

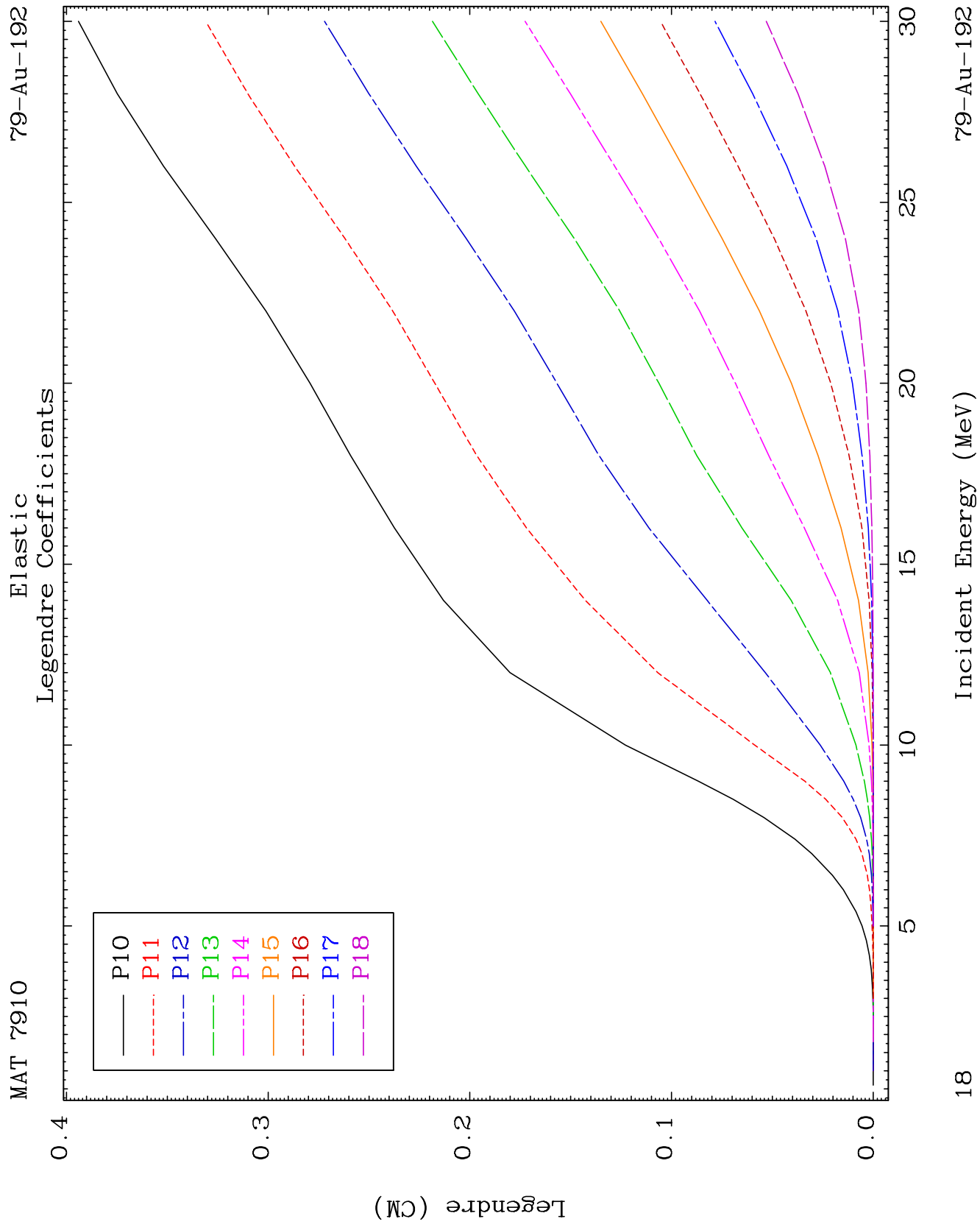


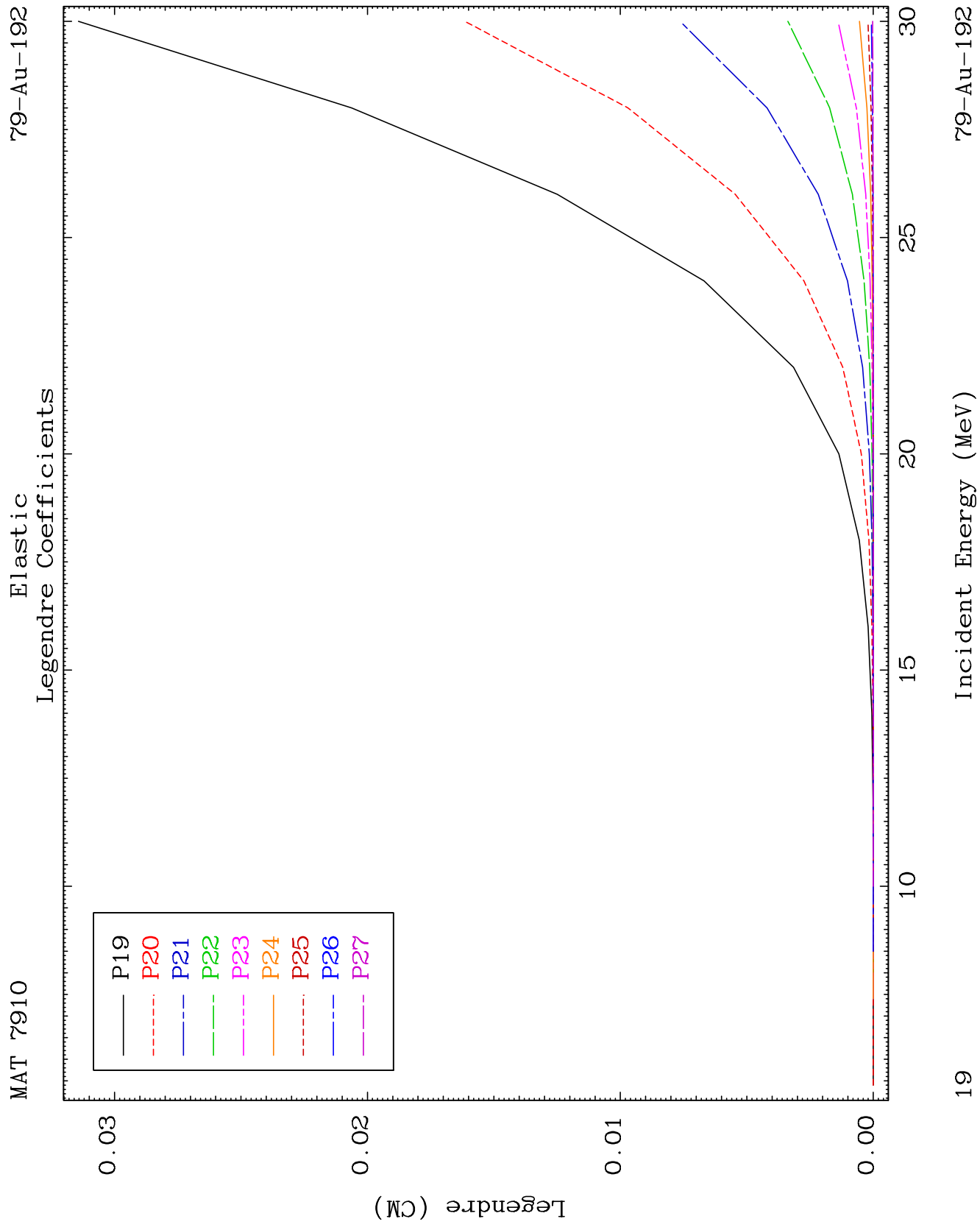
16

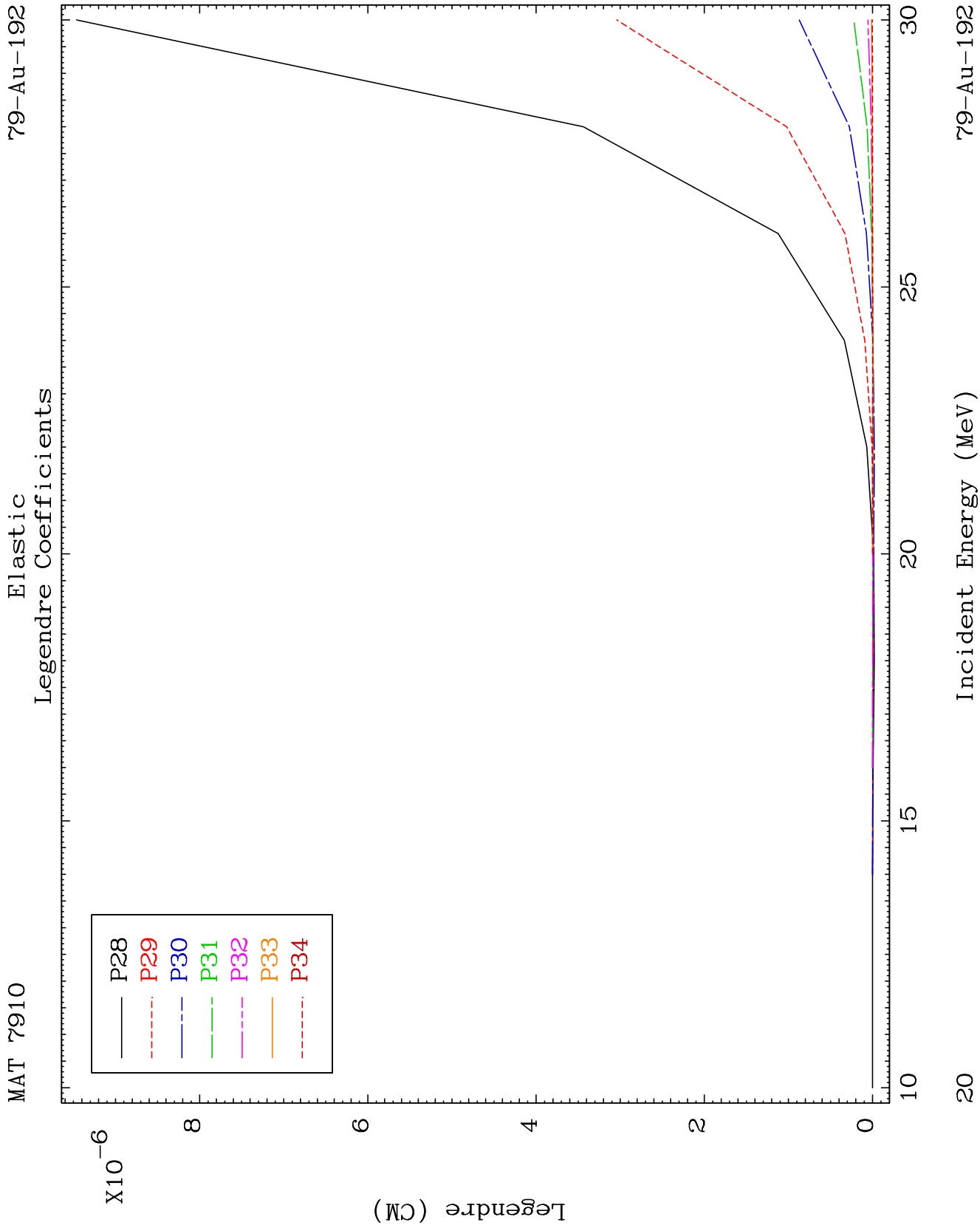
Incident Energy (MeV)

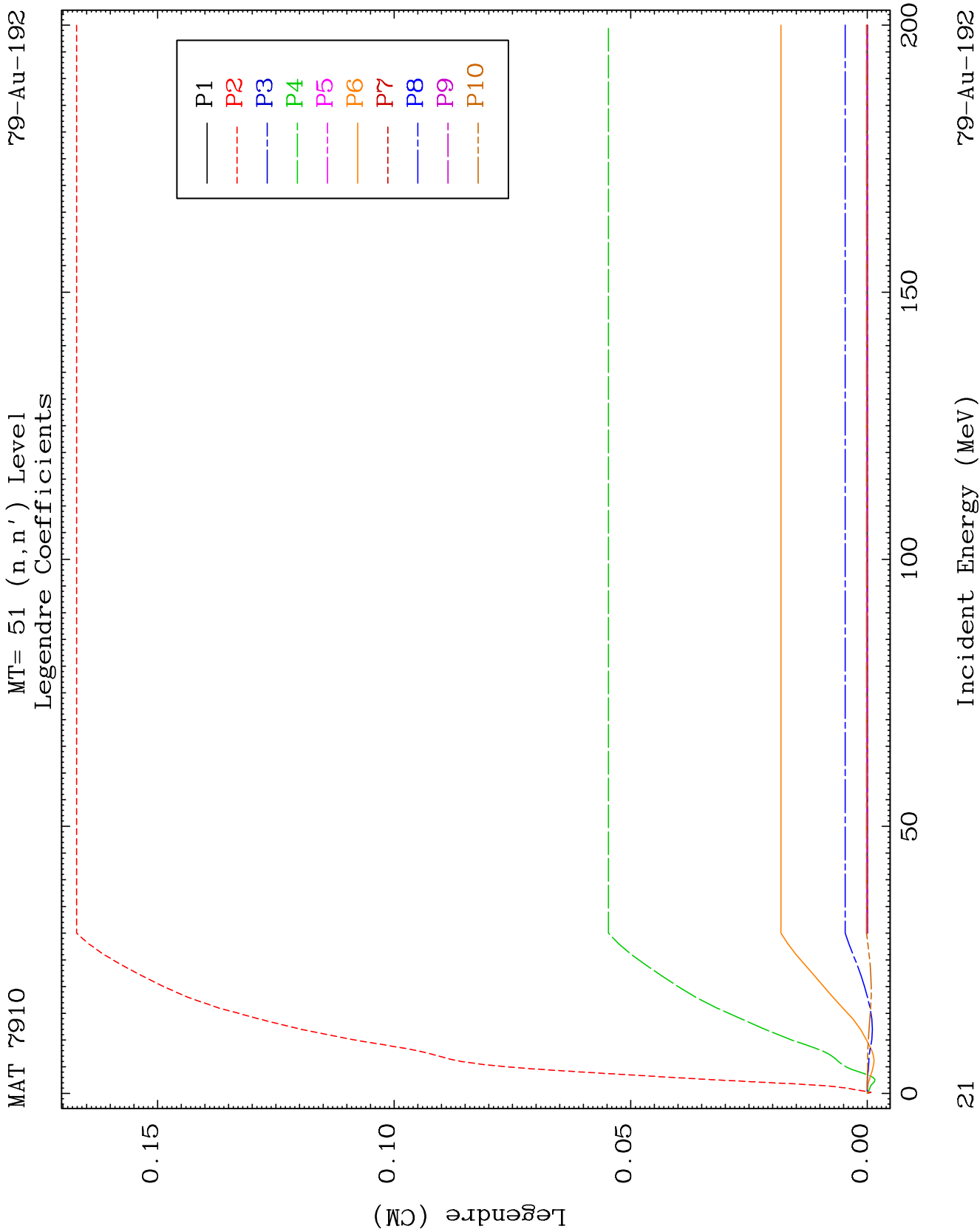
79-Au-192







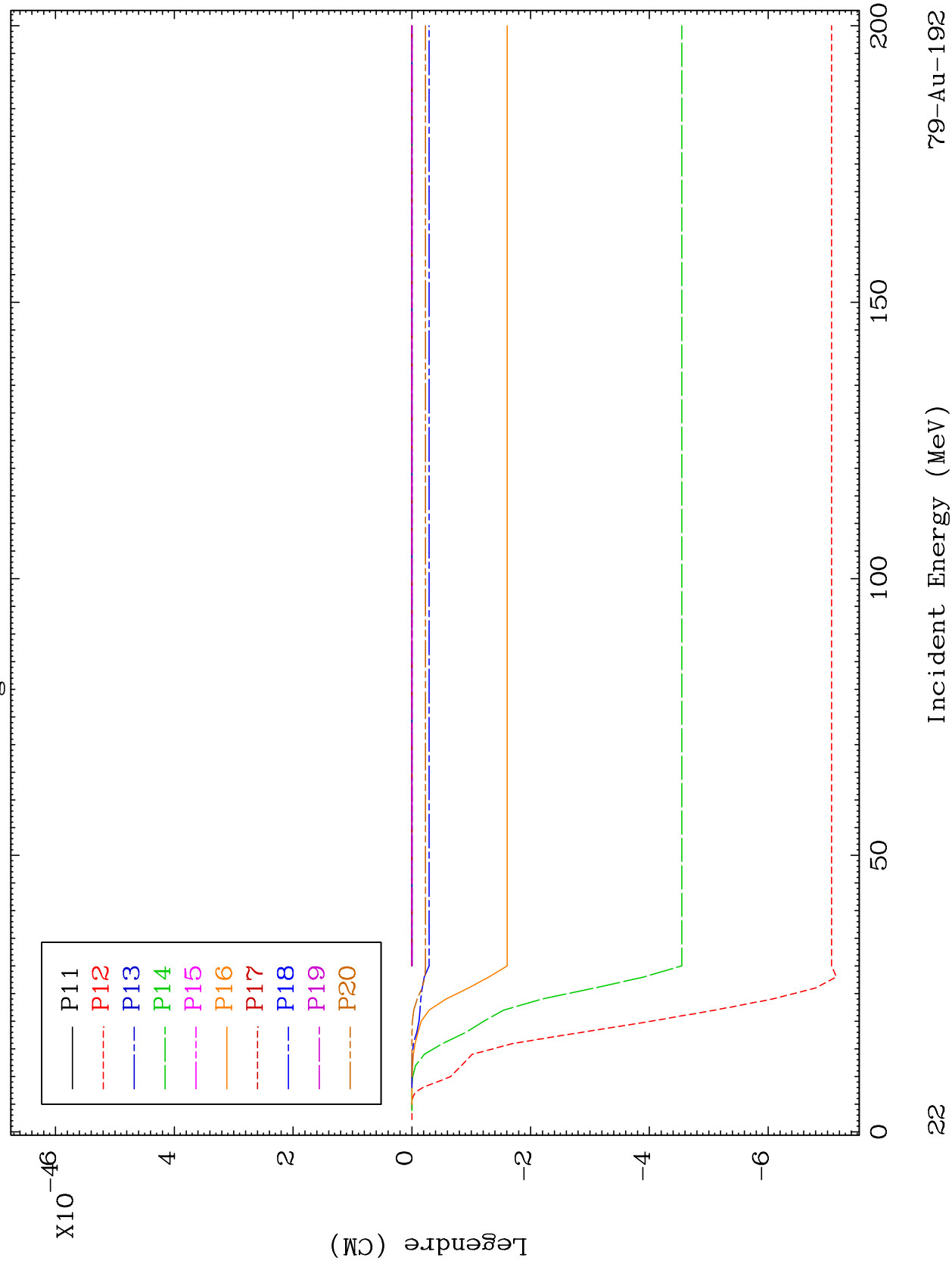


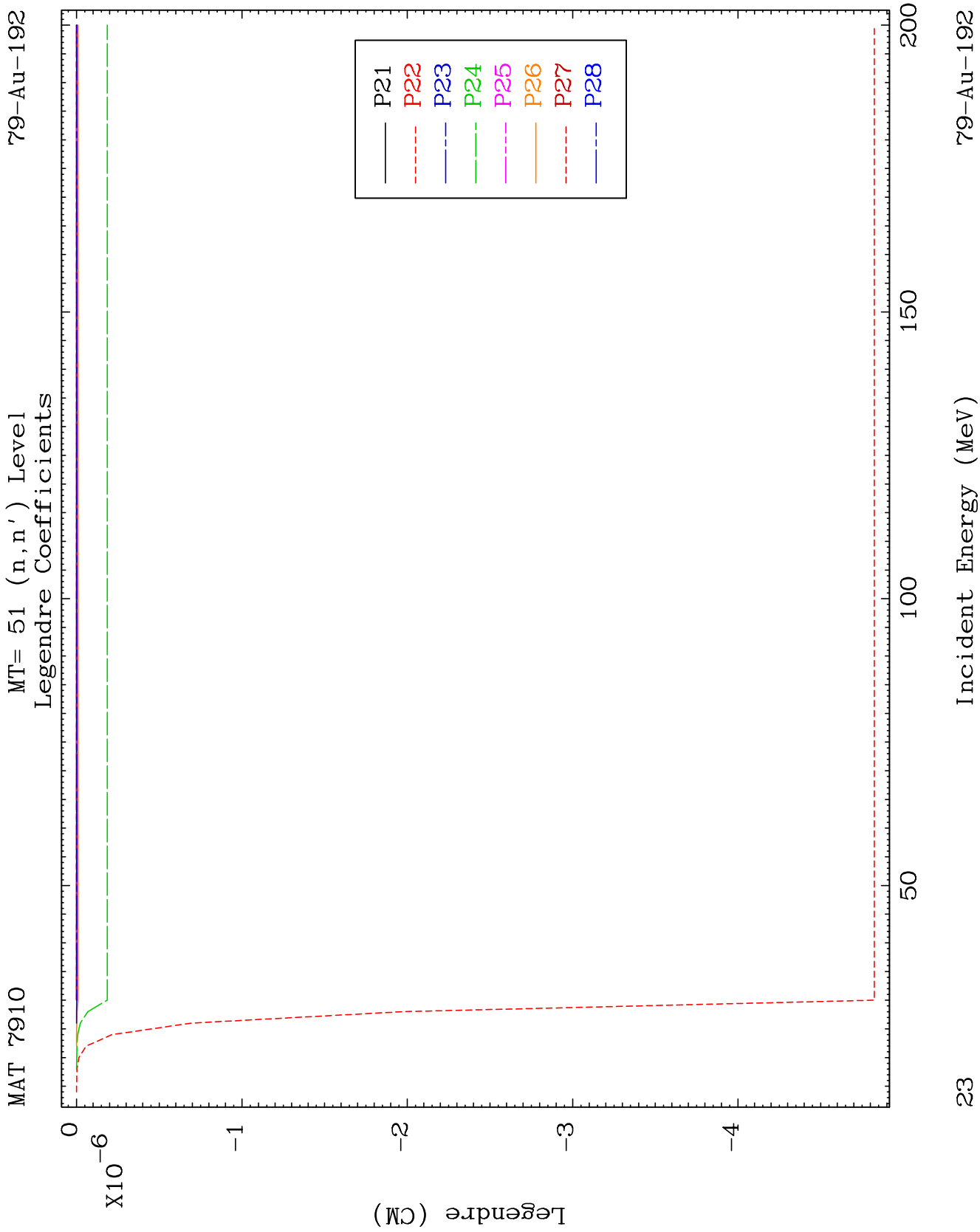


MAT 7910

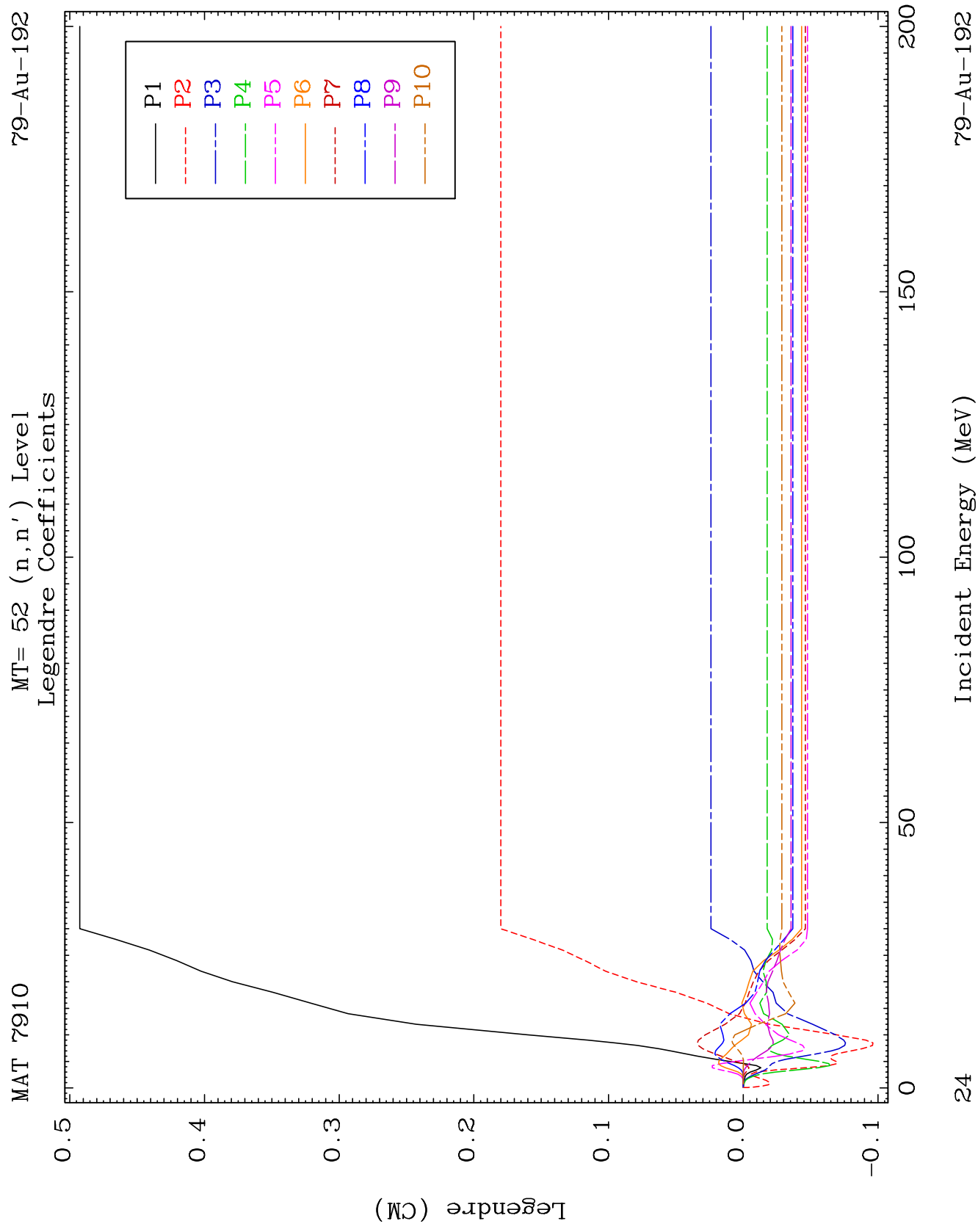
MT= 51 (n, n') Level  
Legendre Coefficients

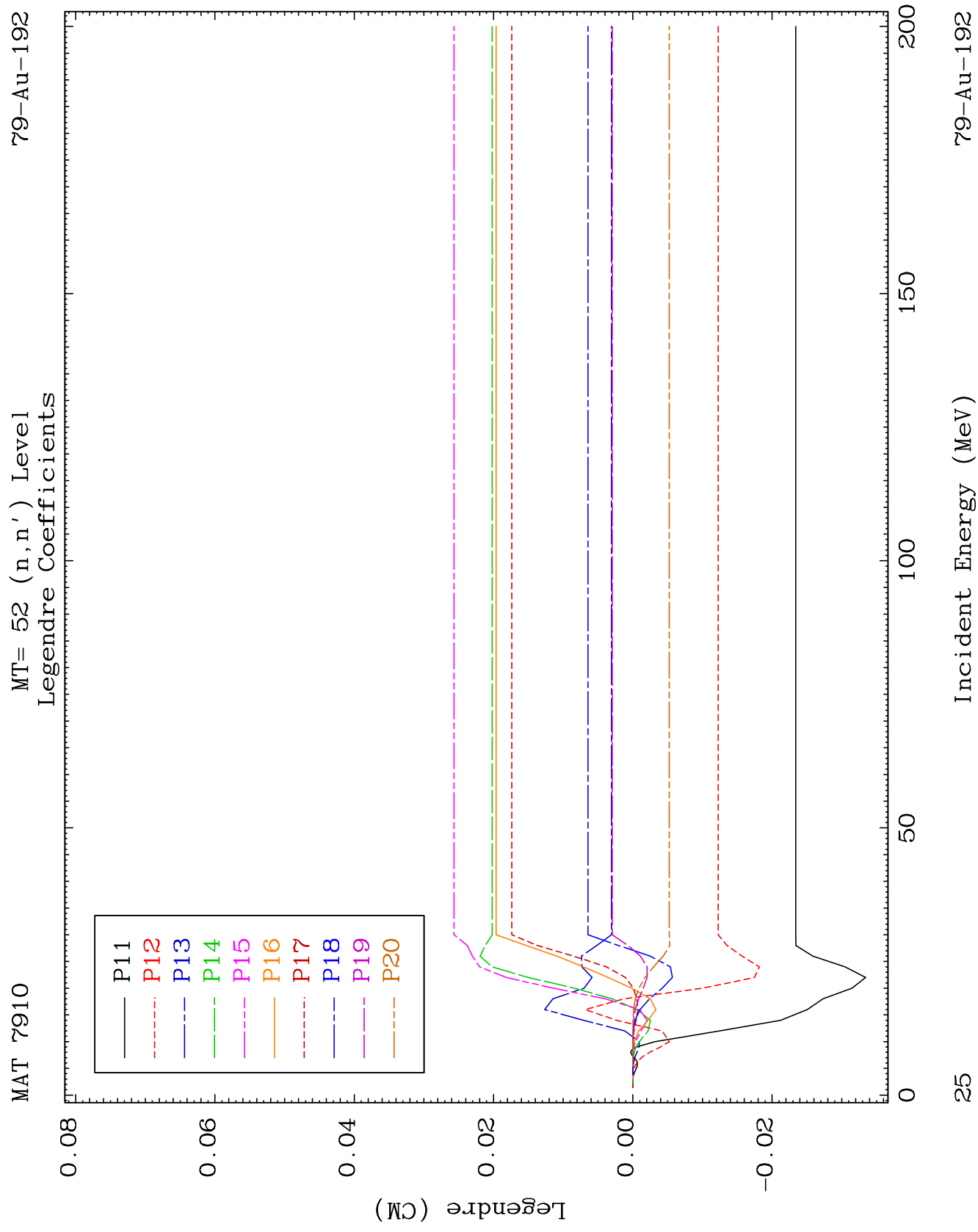
79-Au-192

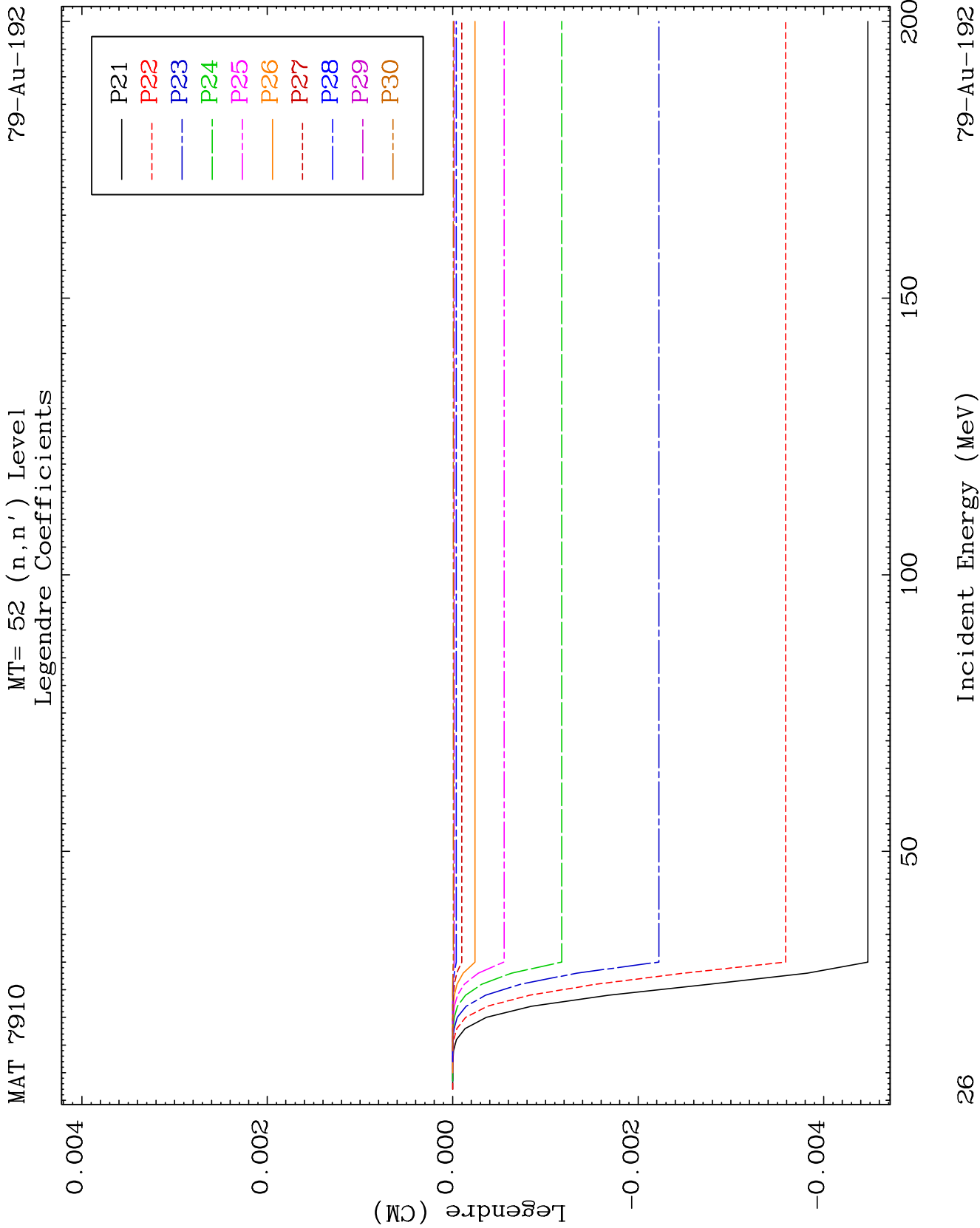


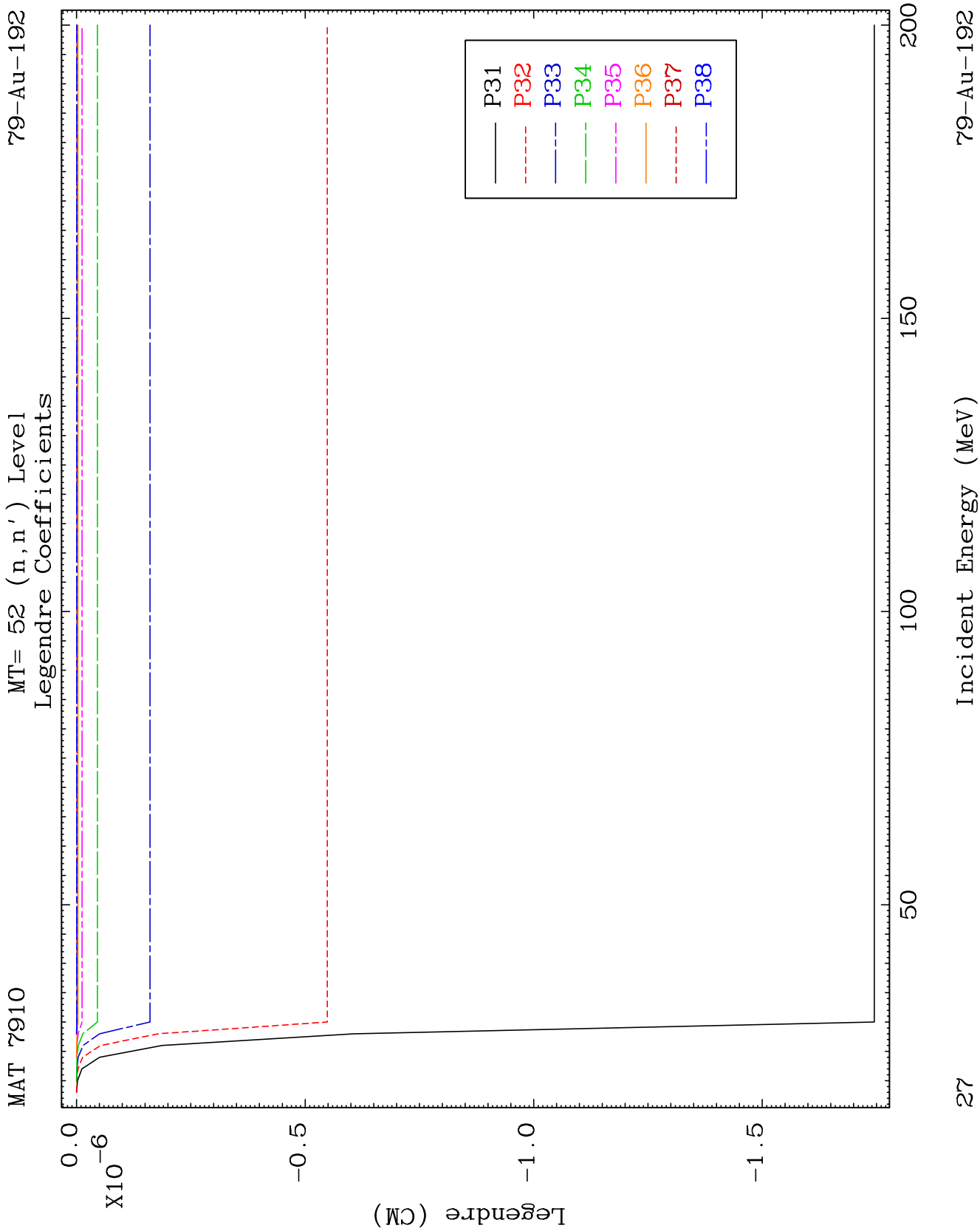








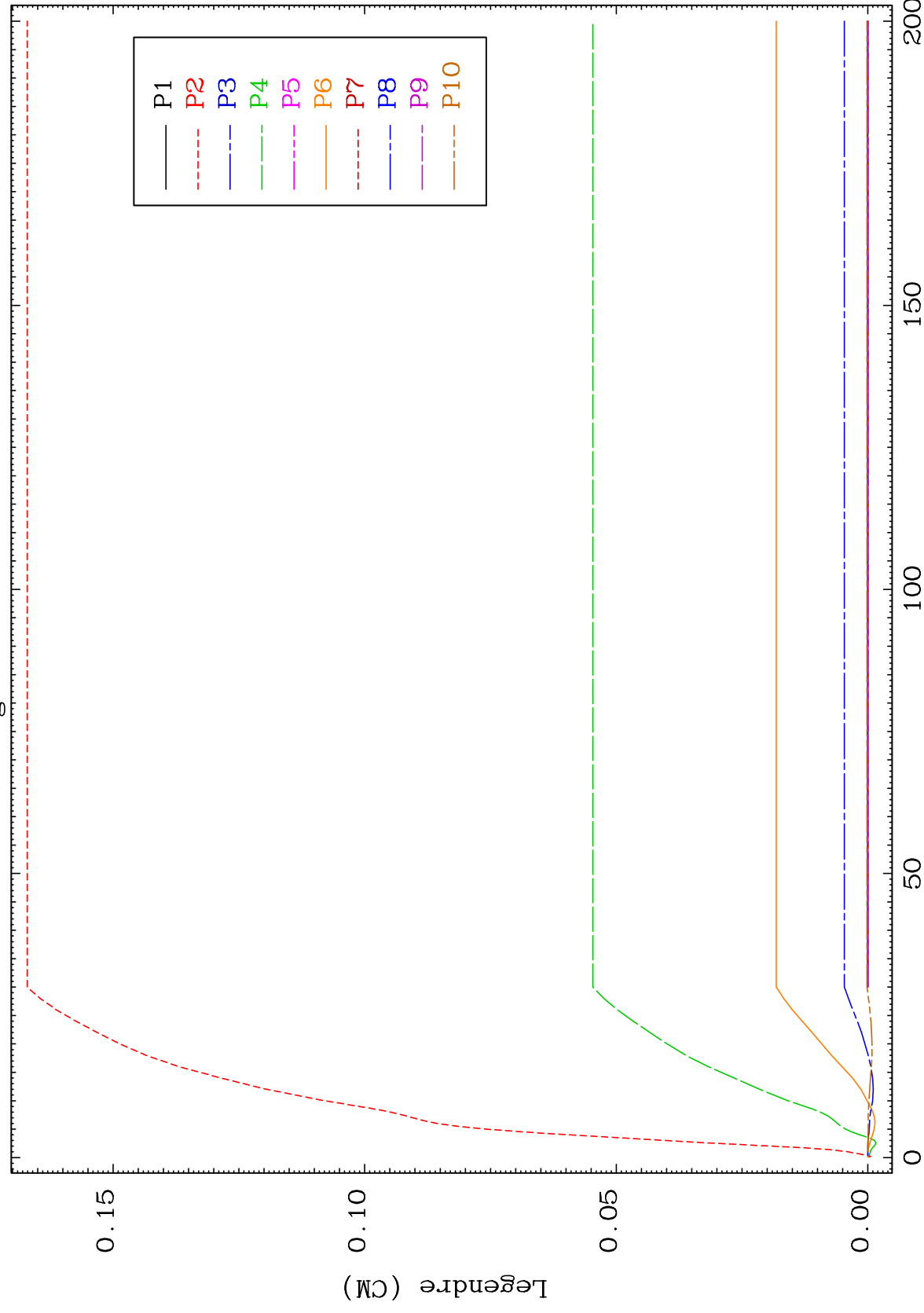




MAT 7910

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

79-Au-192



82

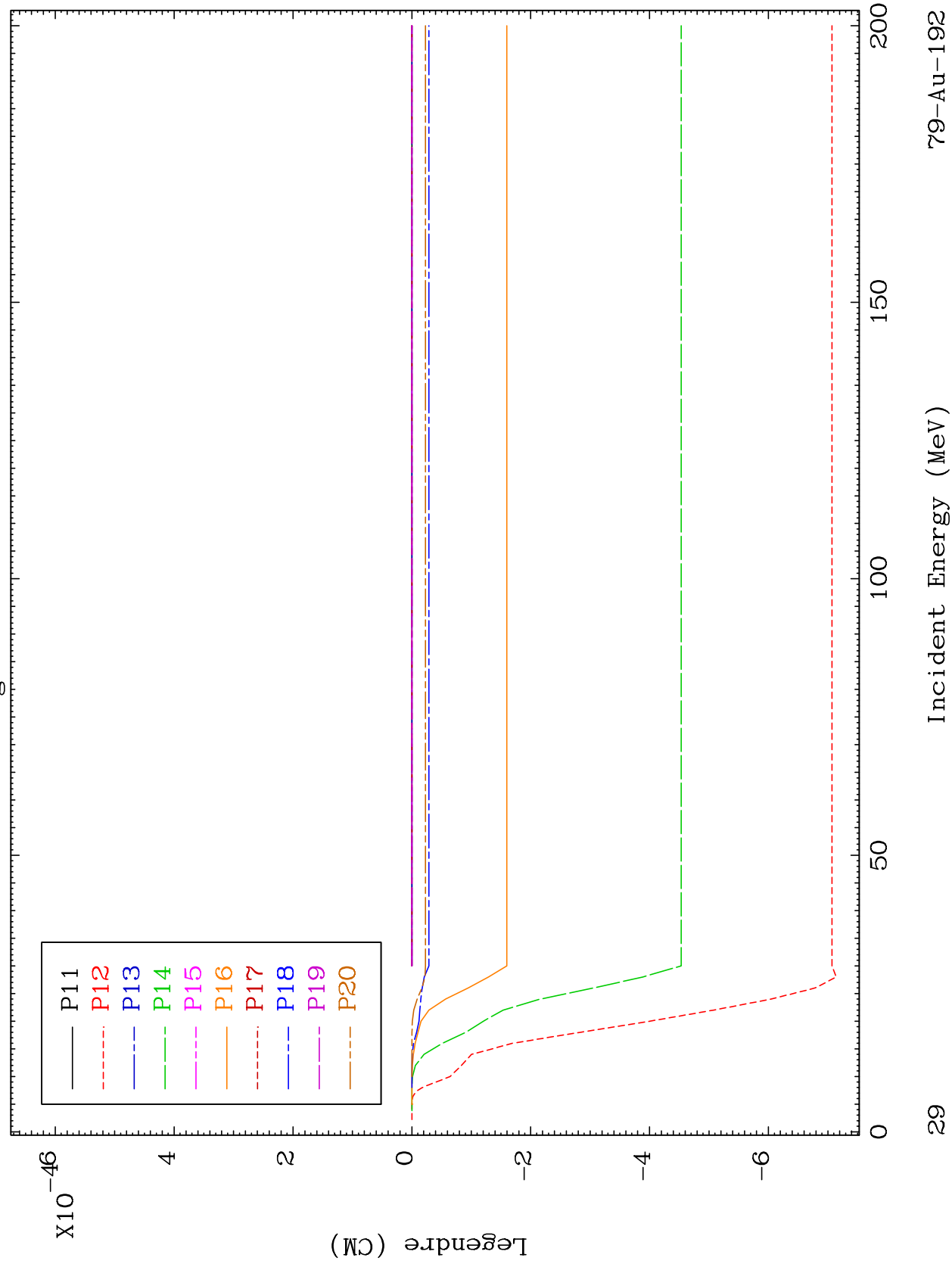
Incident Energy (MeV)

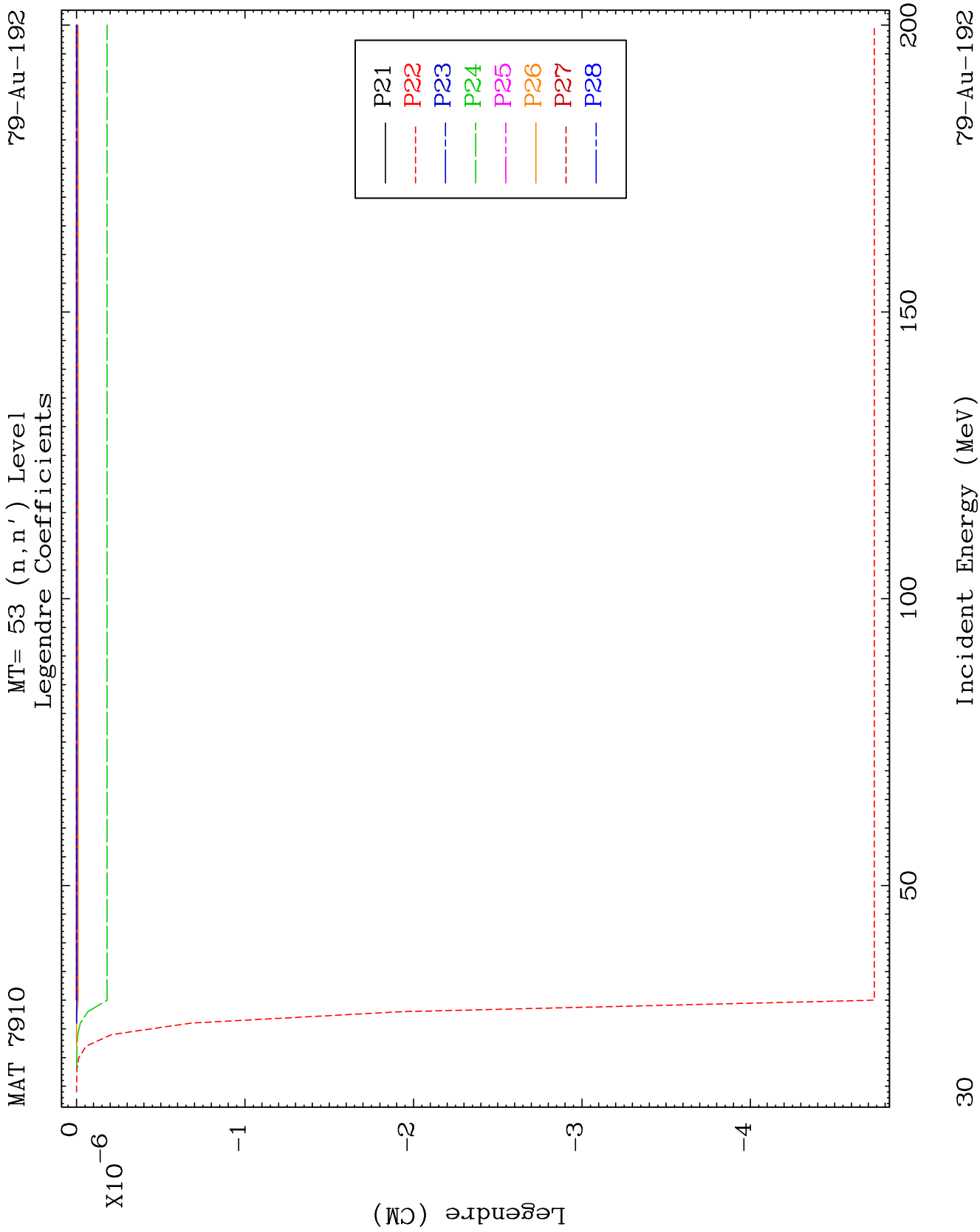
79-Au-192

MAT 7910

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

79-Au-192

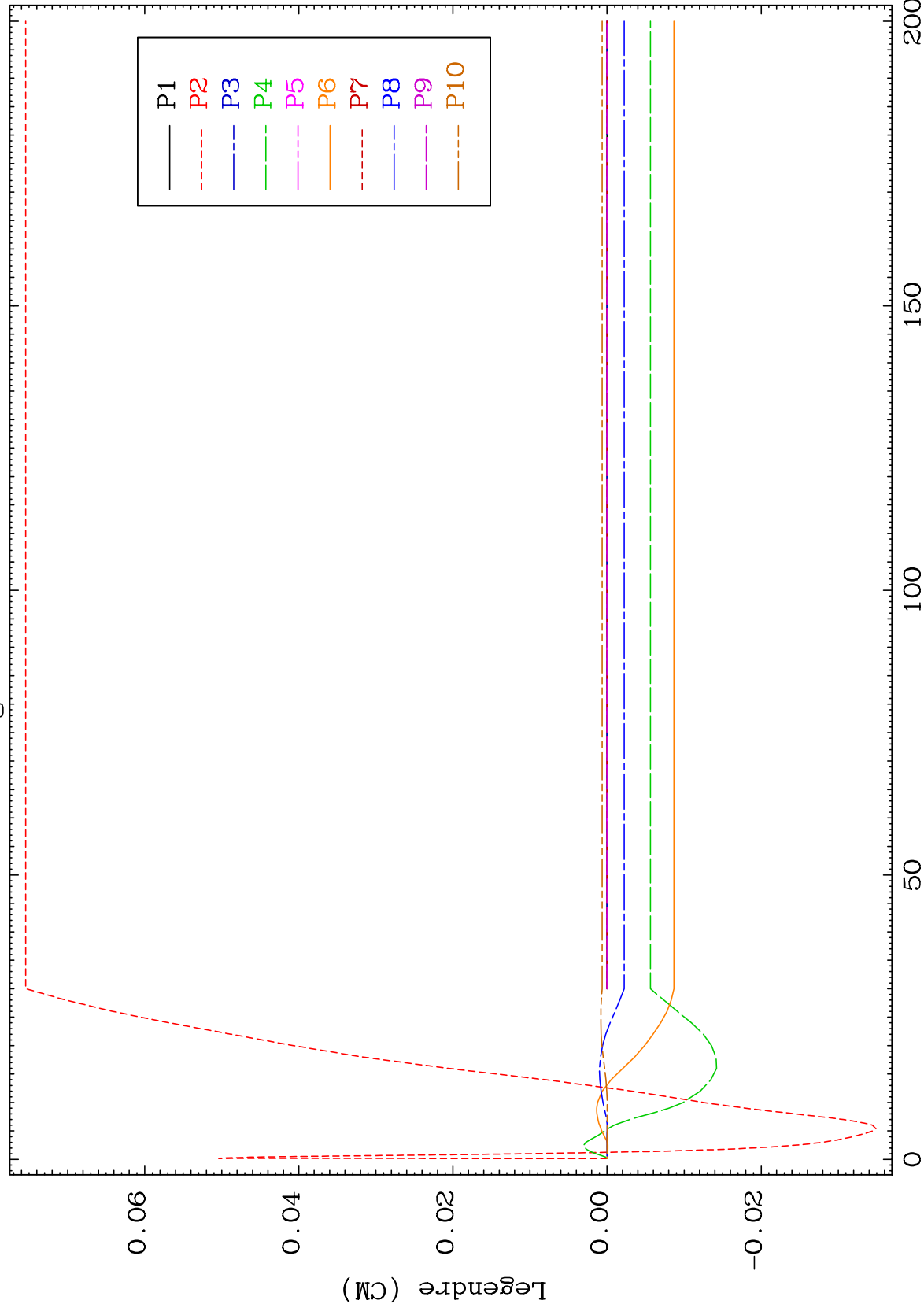




MAT 7910

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

79-Au-192

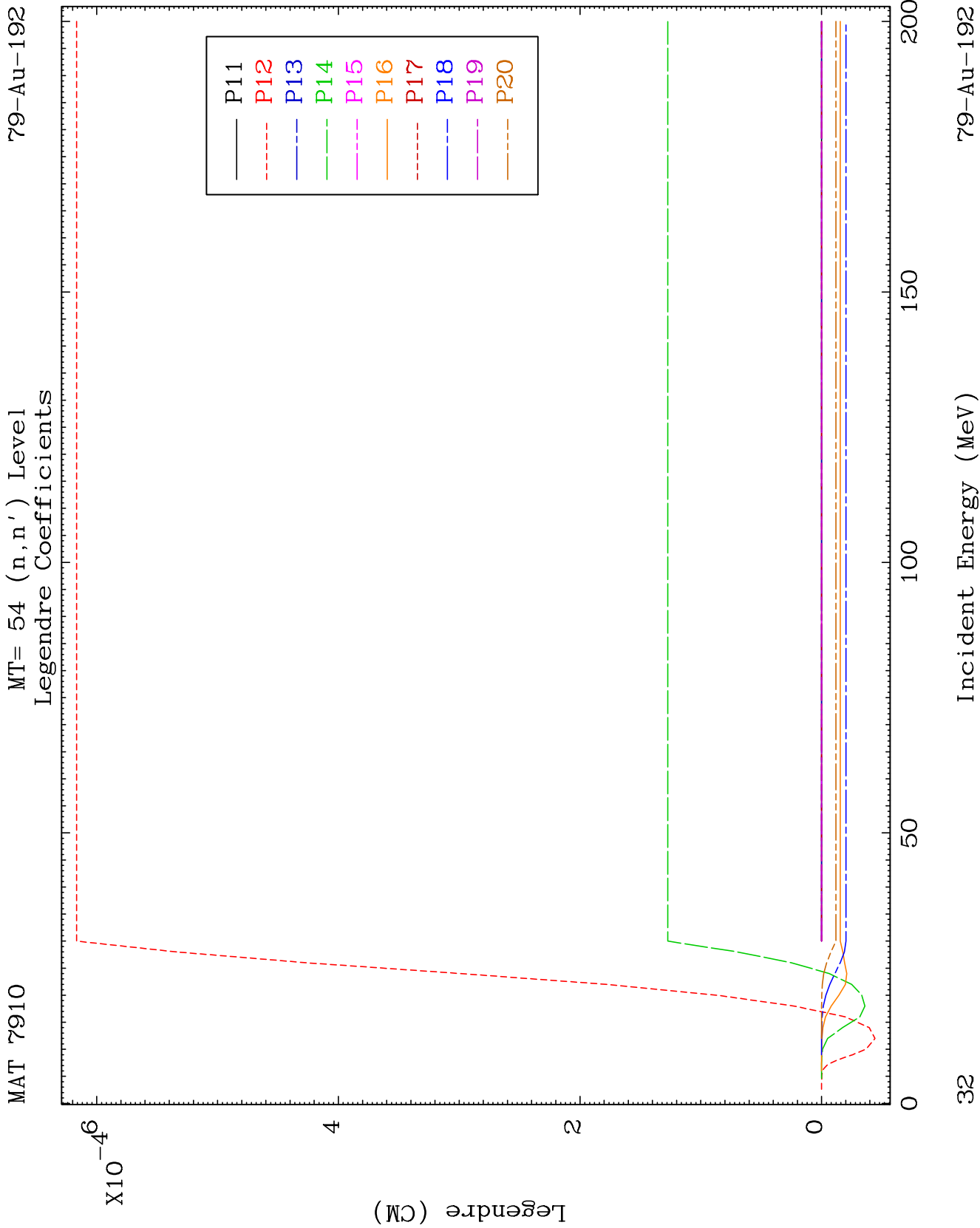


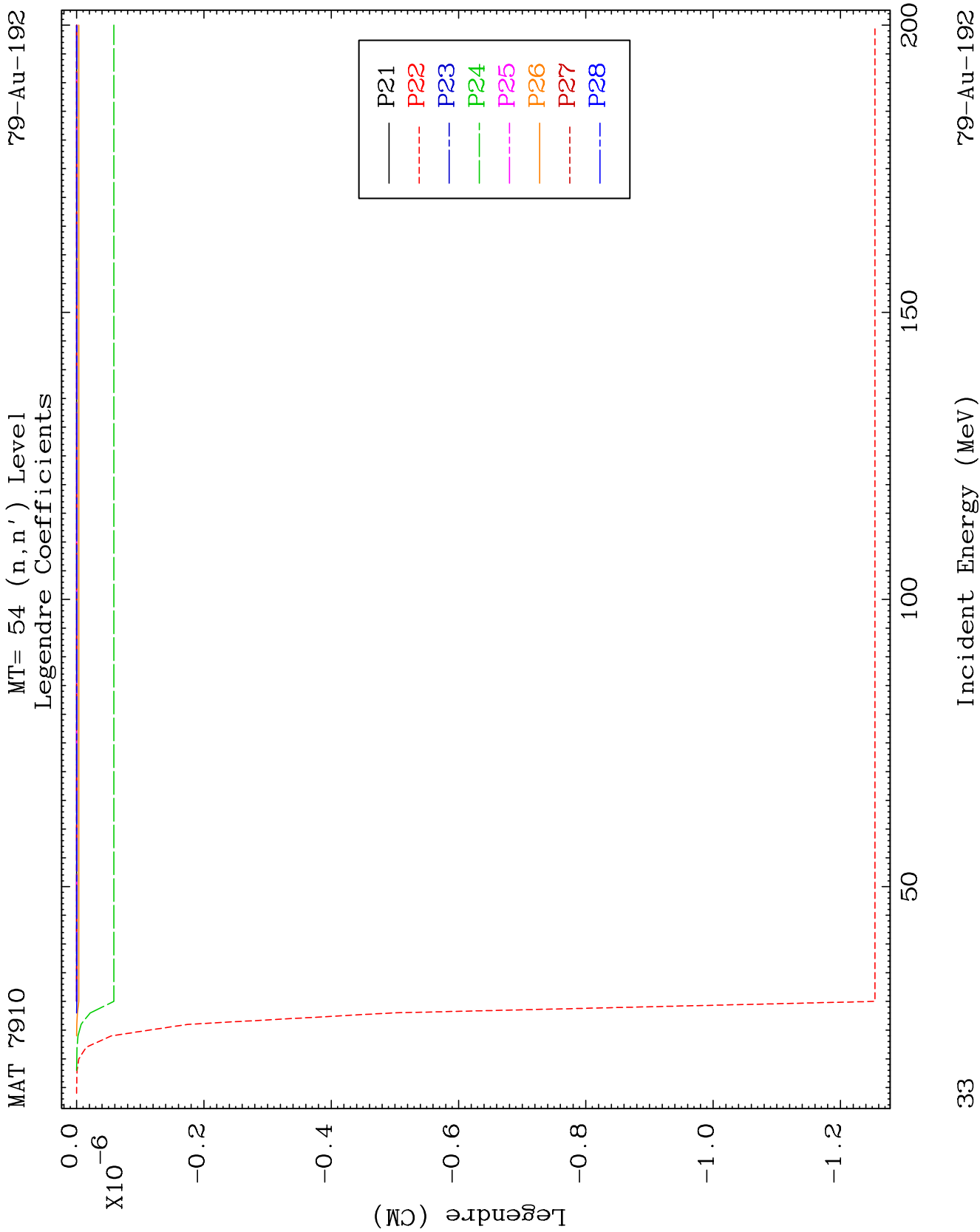
31

Incident Energy (MeV)

79-Au-192



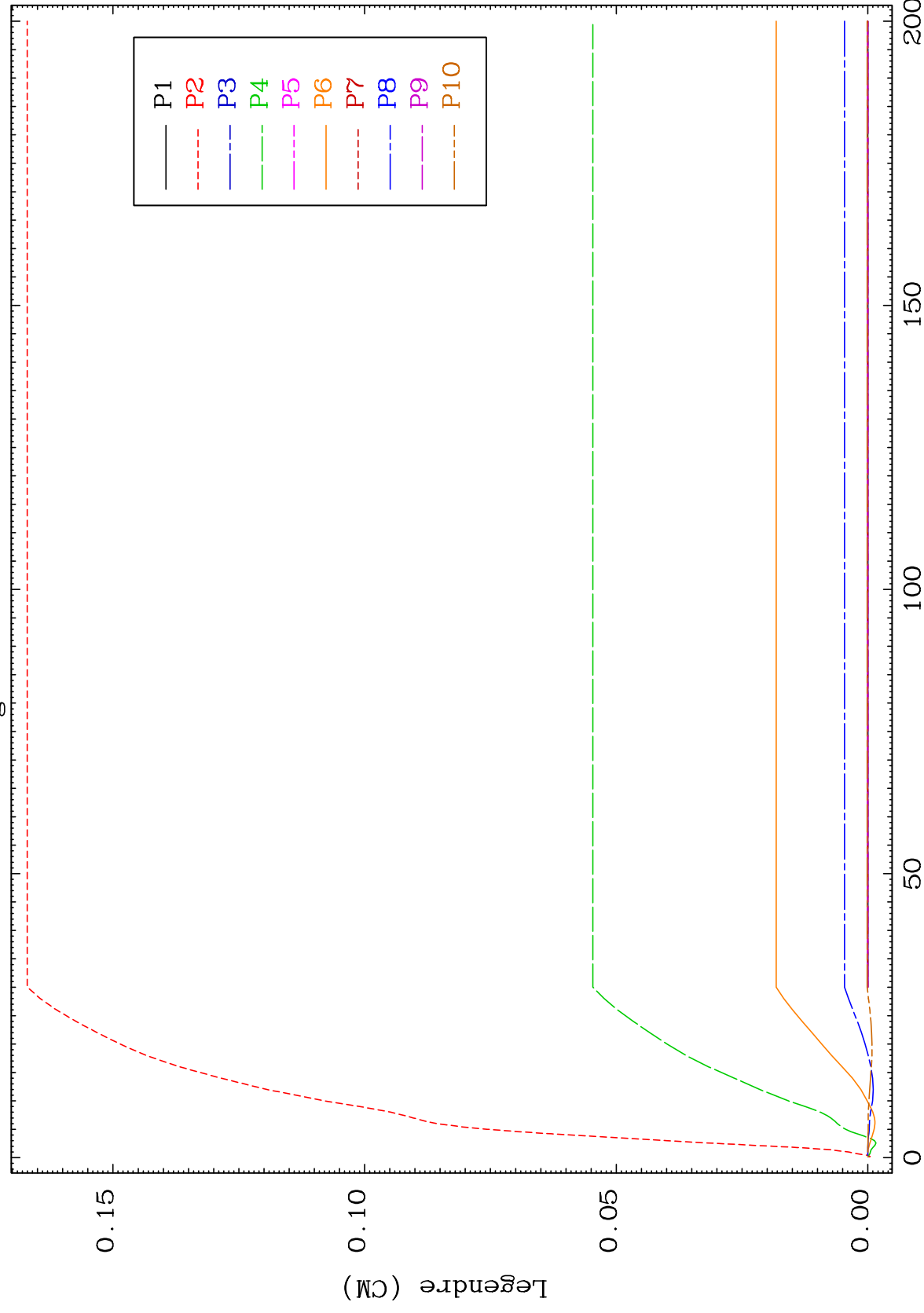




MAT 7910

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

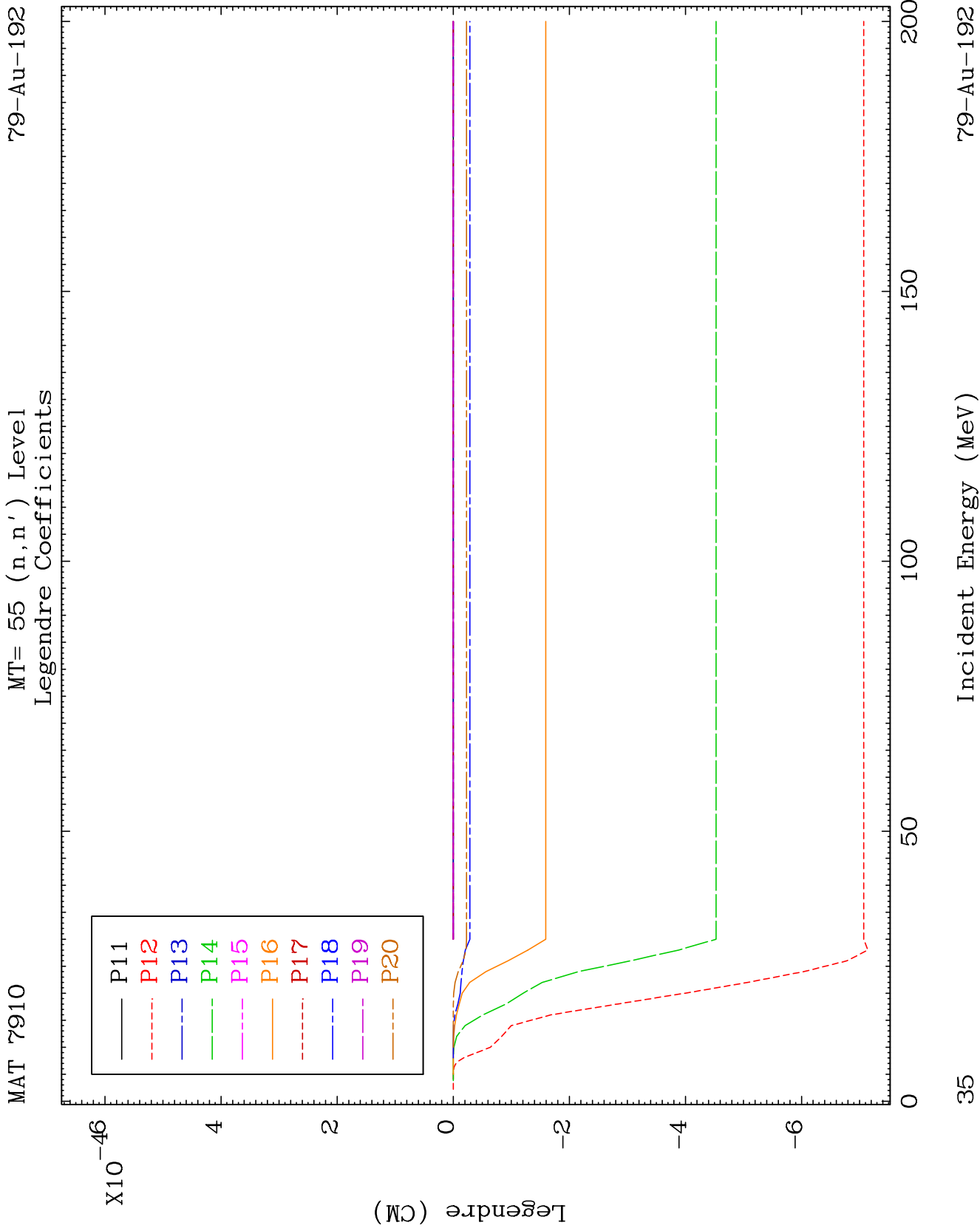
79-Au-192

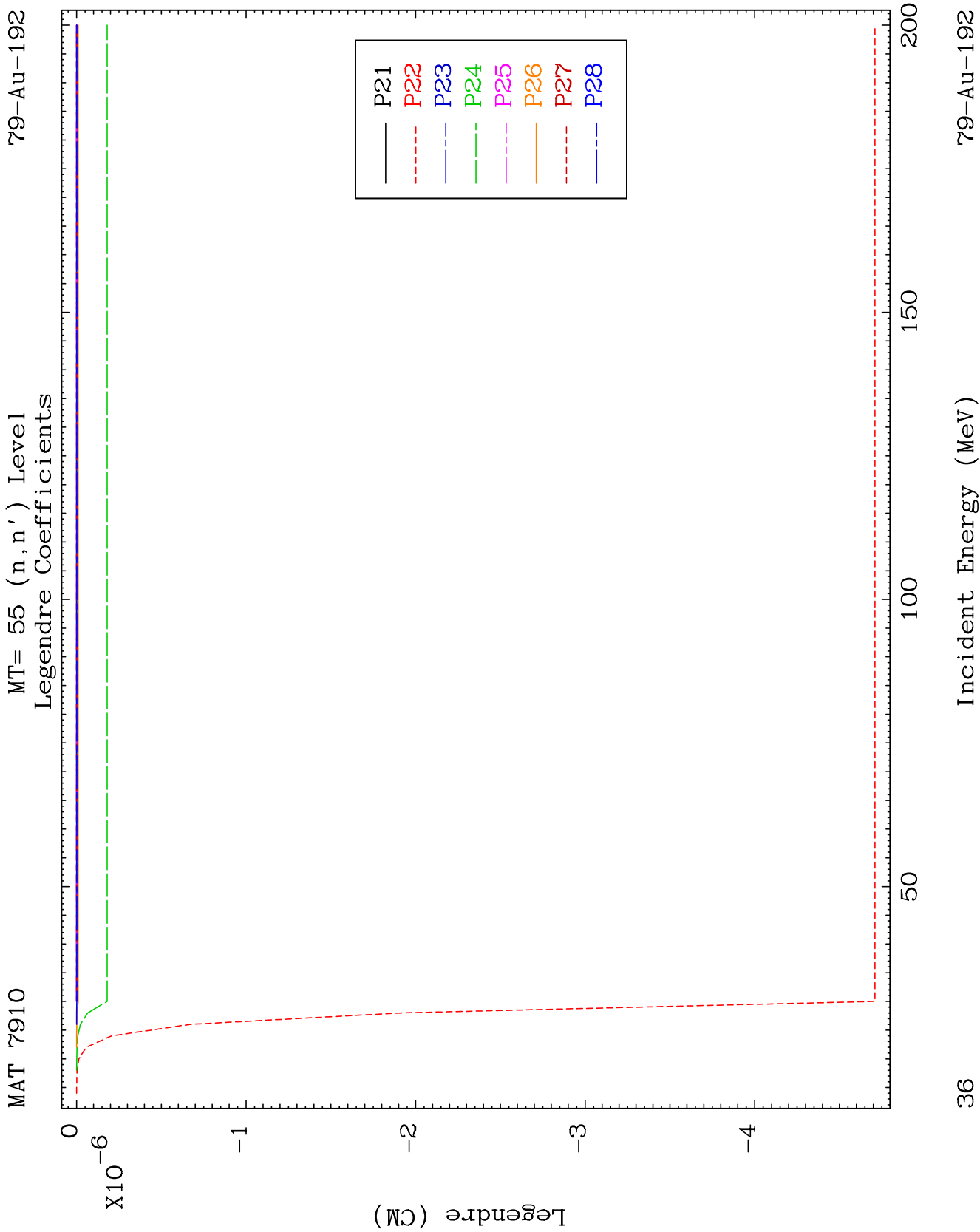


34

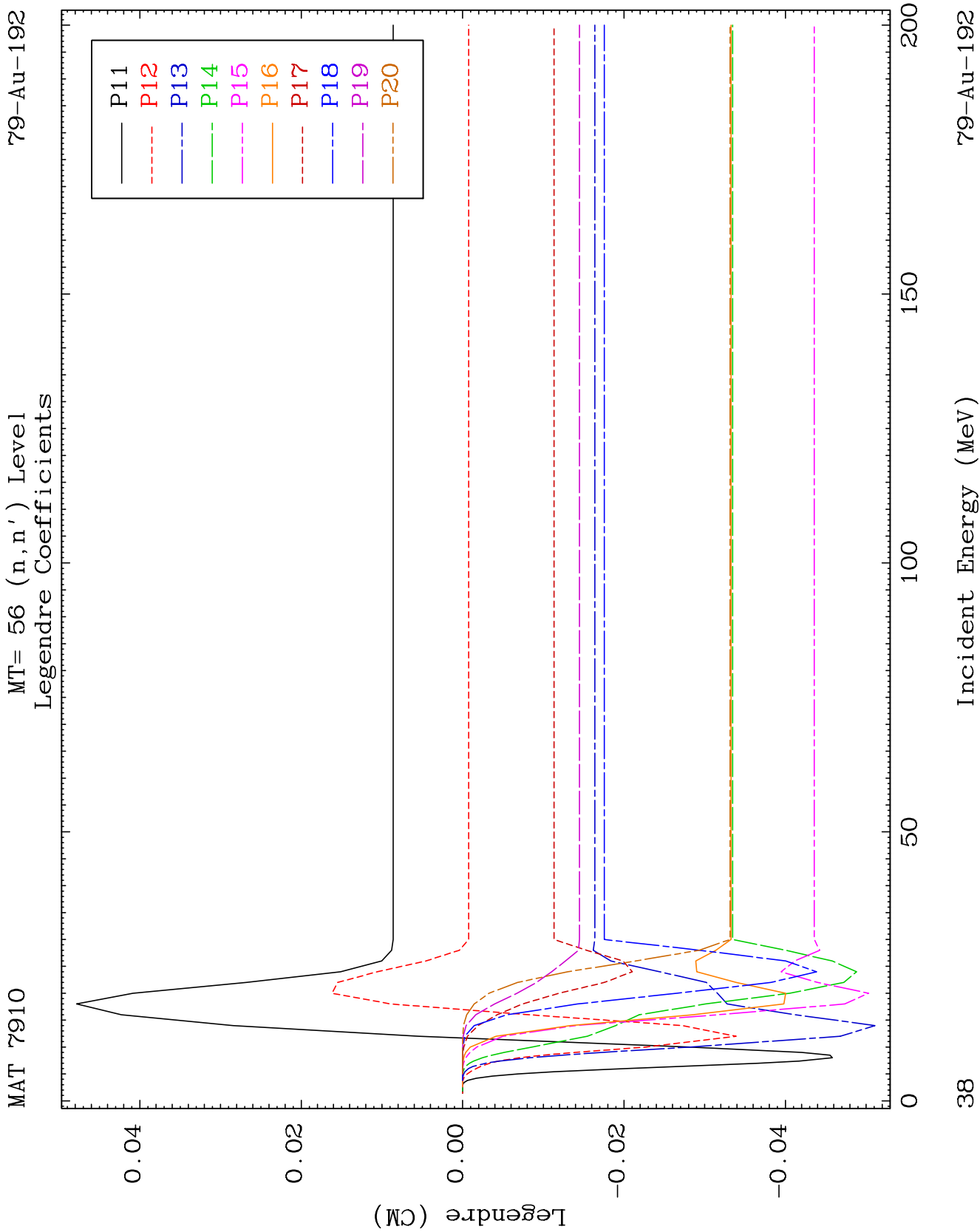
Incident Energy (MeV)

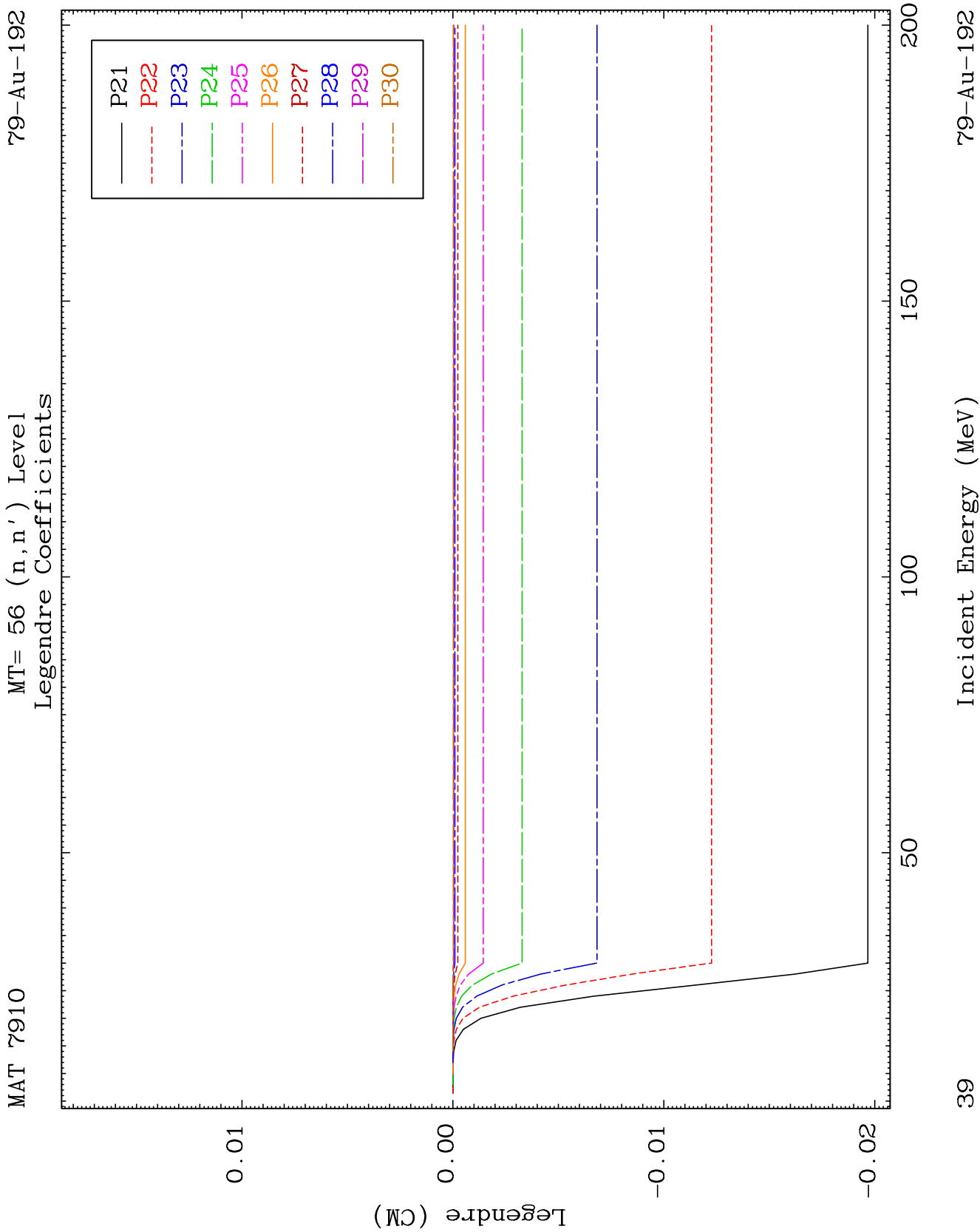
79-Au-192



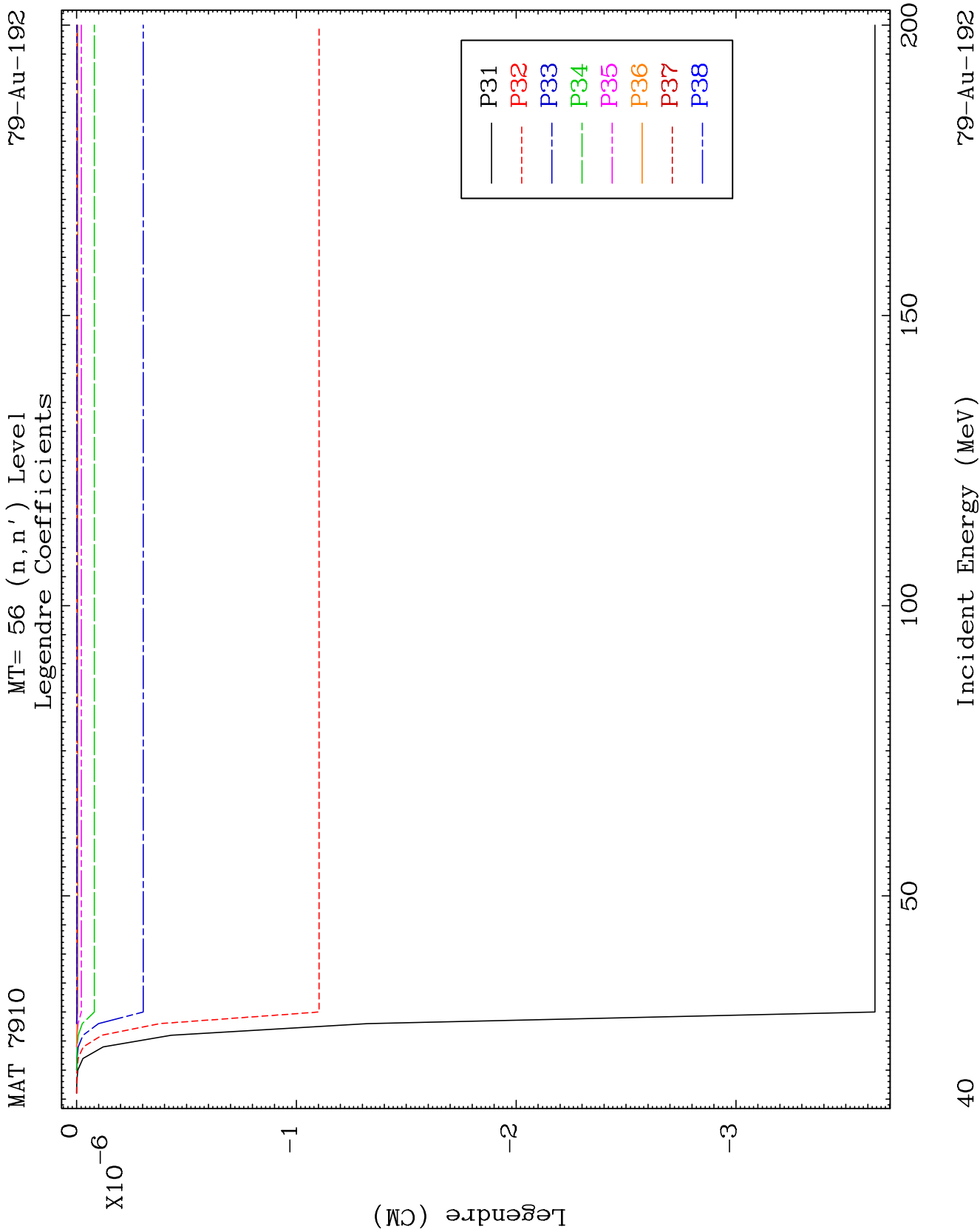




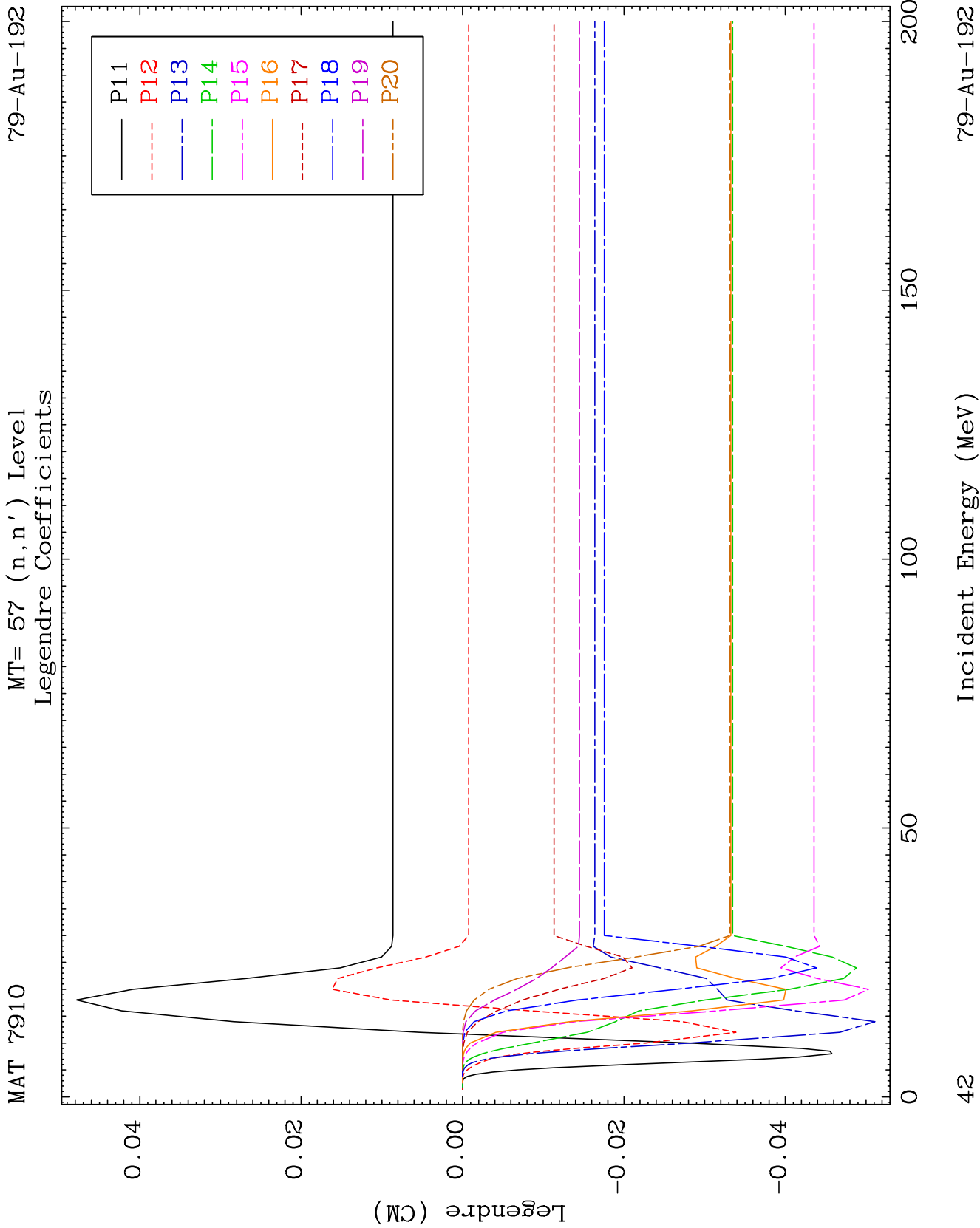








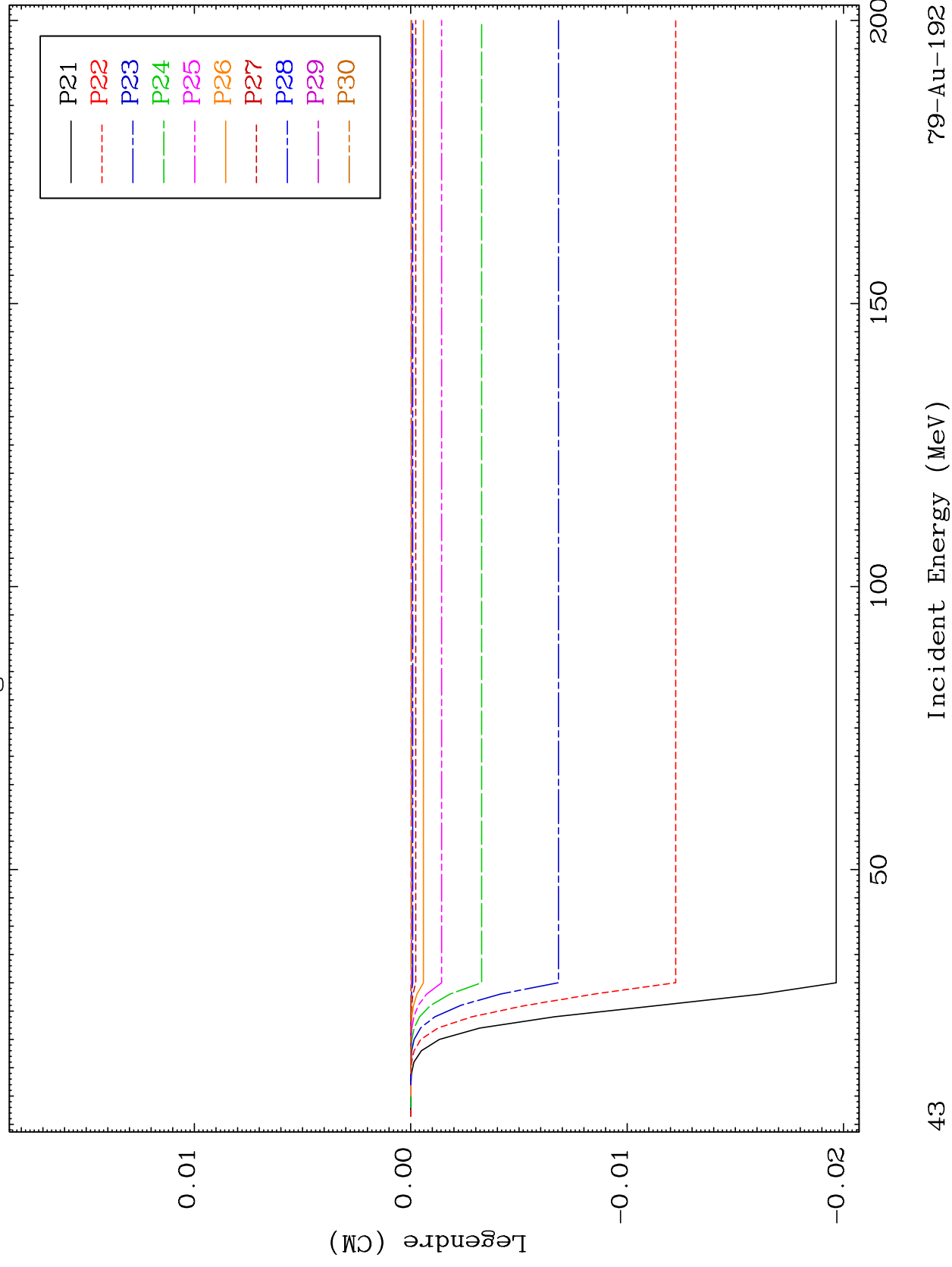


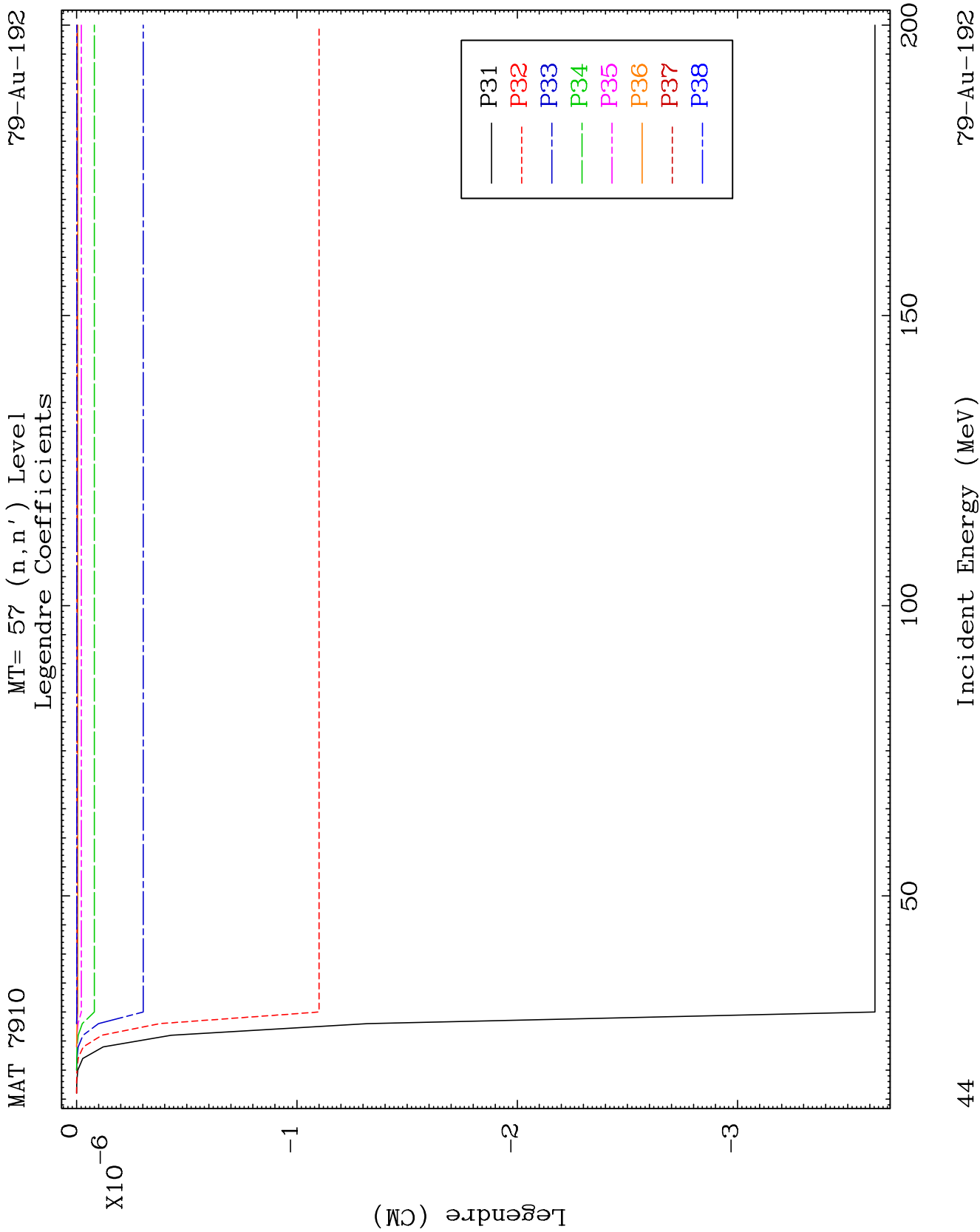


MAT 7910

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

79-Au-192



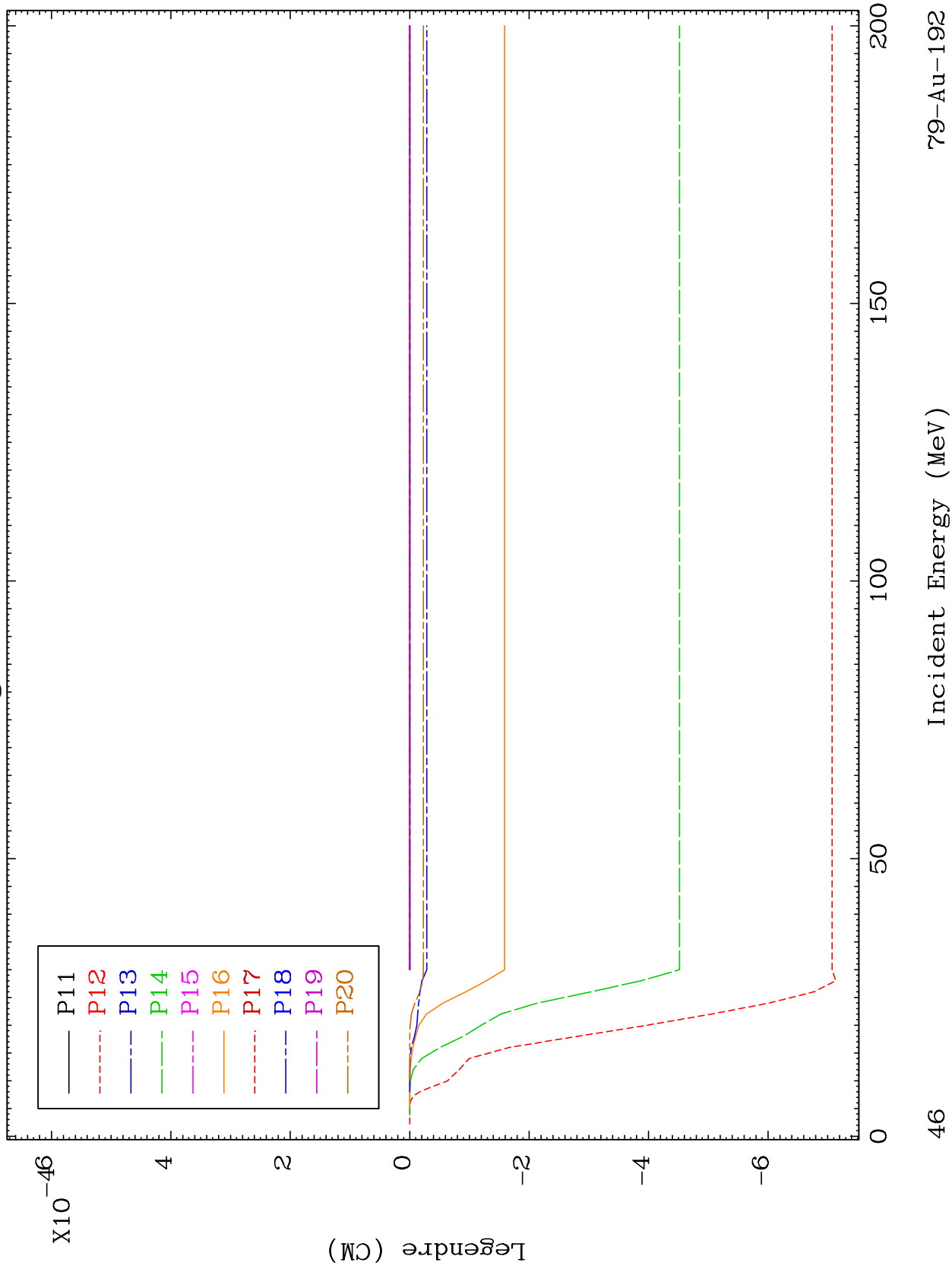




MAT 7910

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

79-Au-192





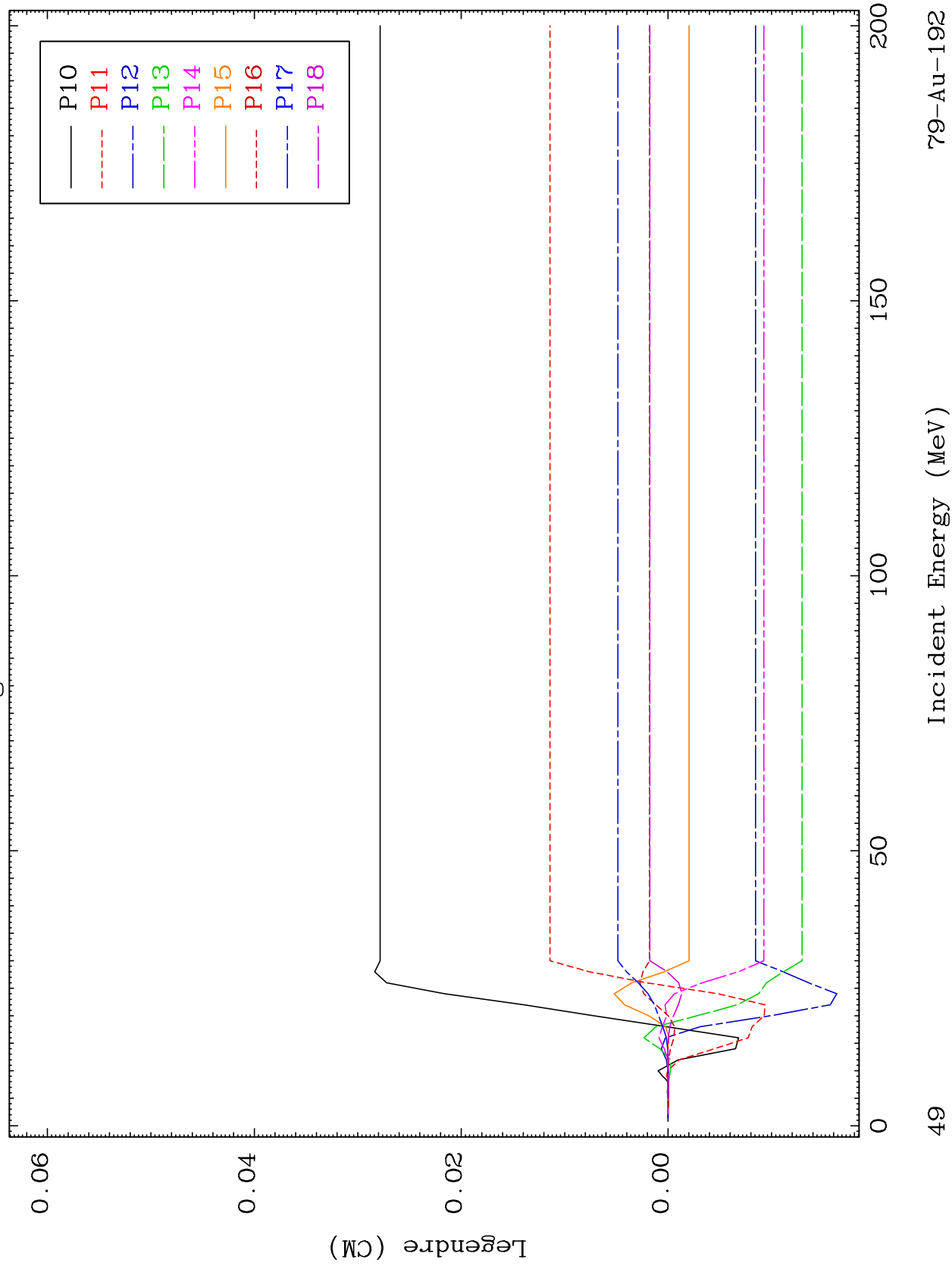




MAT 7910

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

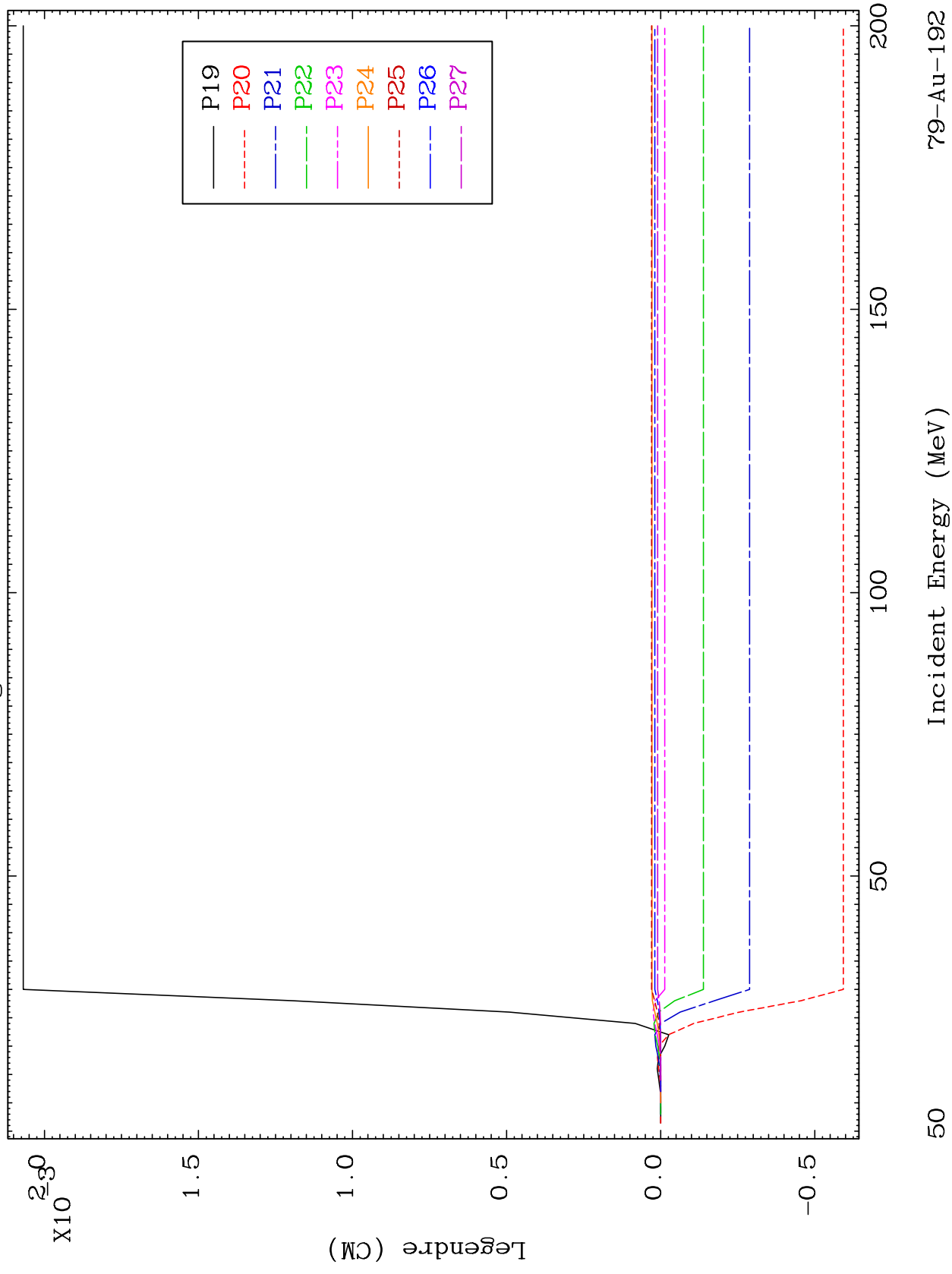
79-Au-192

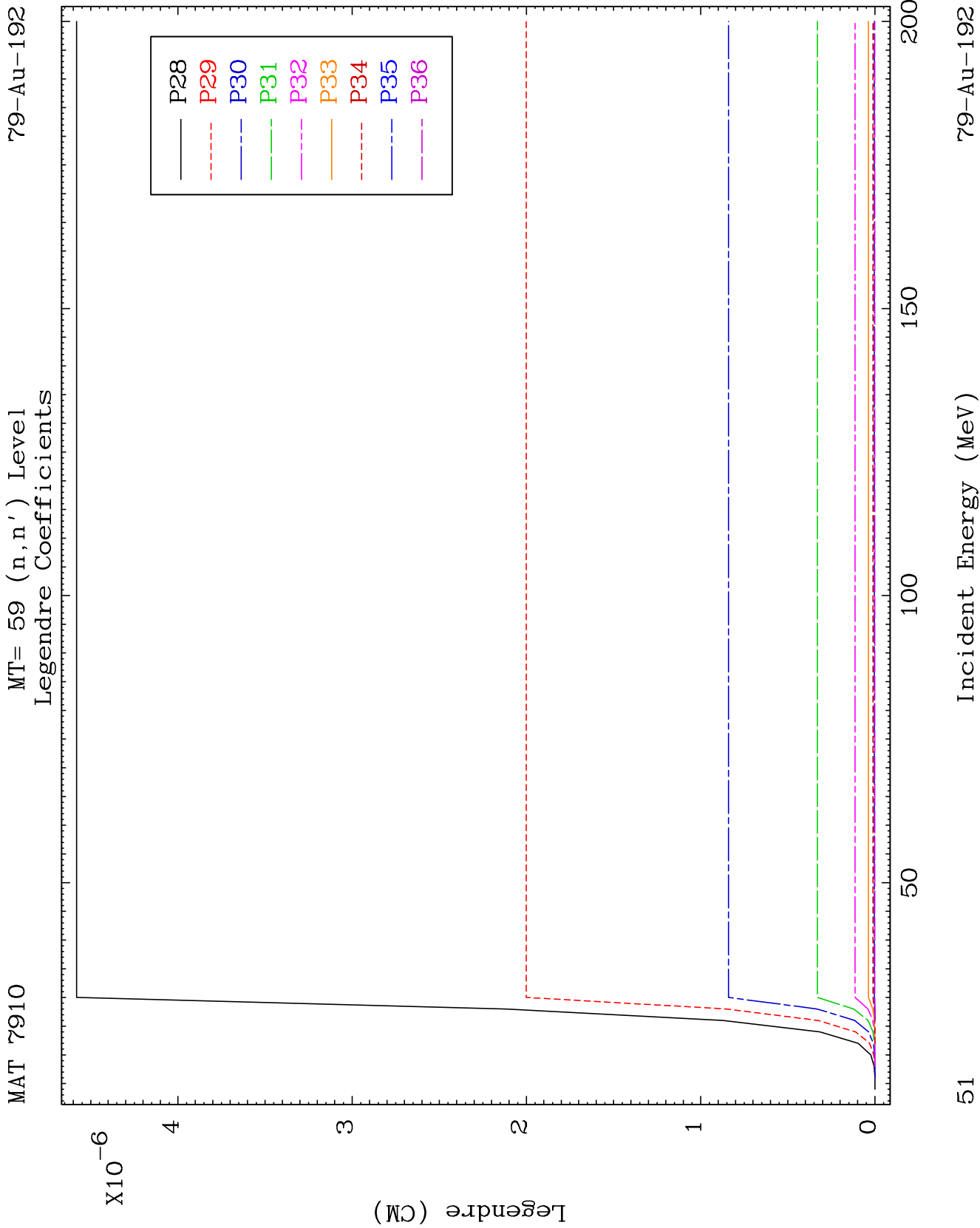


MAT 7910

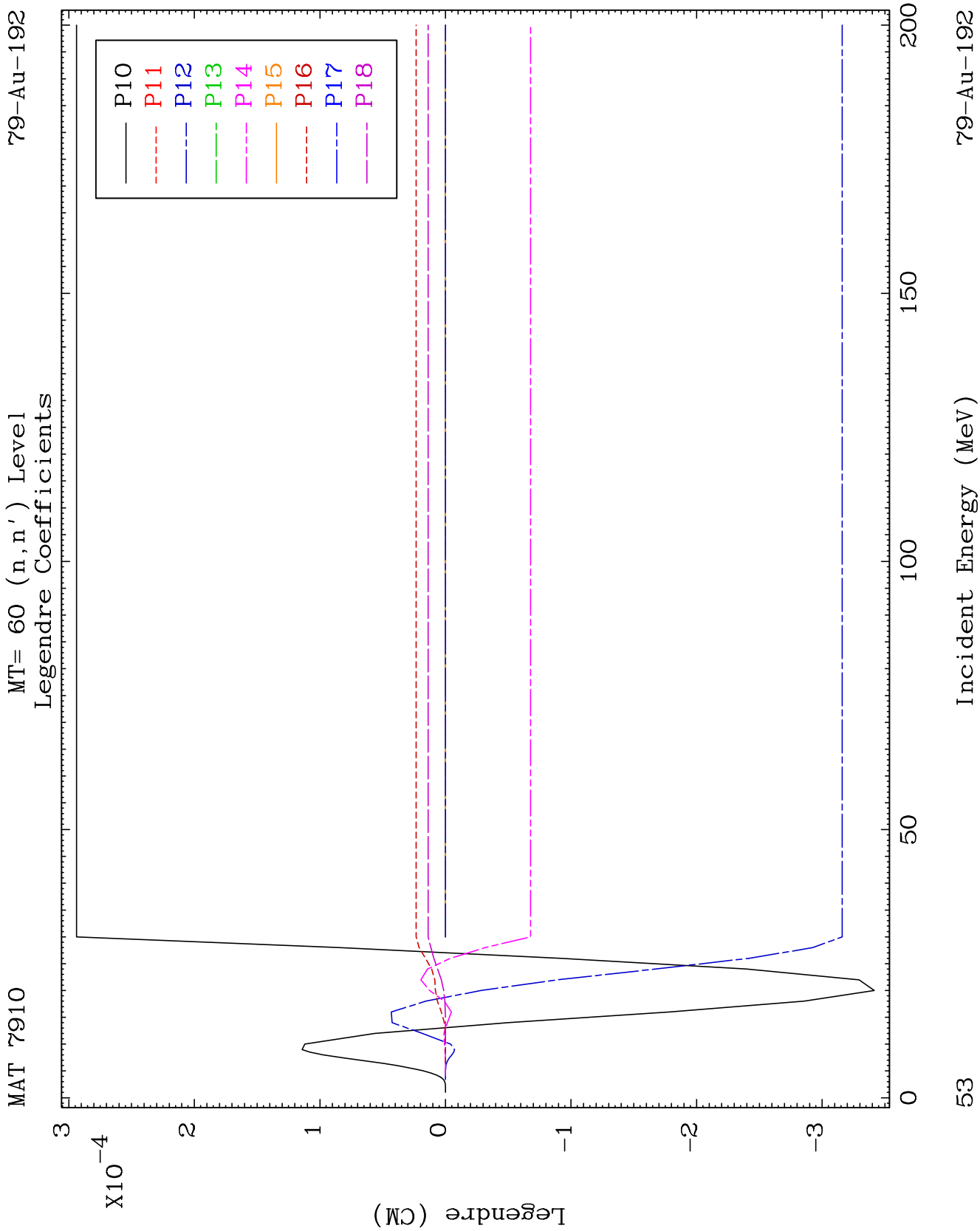
MT= 59 (n, n') Level  
Legendre Coefficients

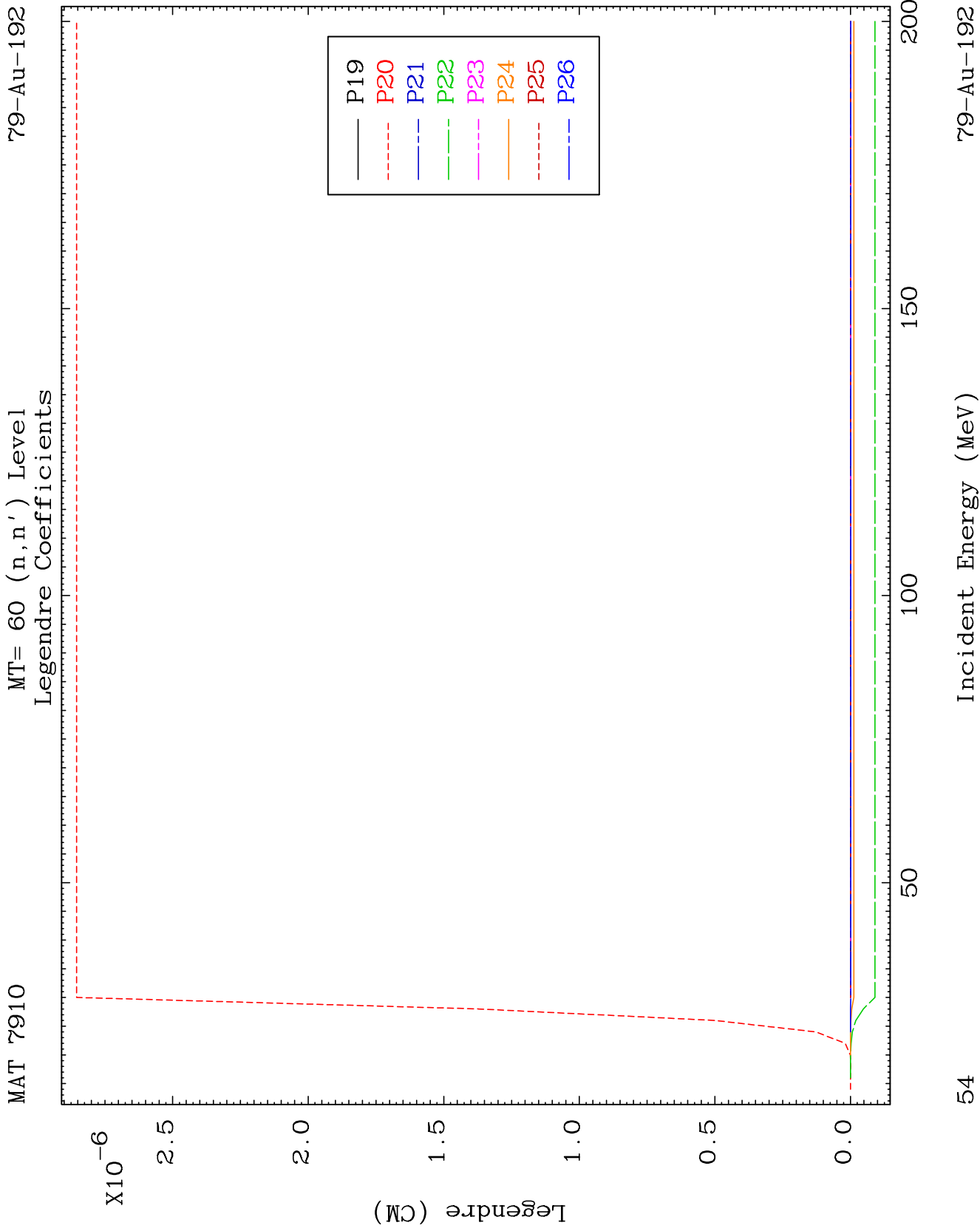
79-Au-192

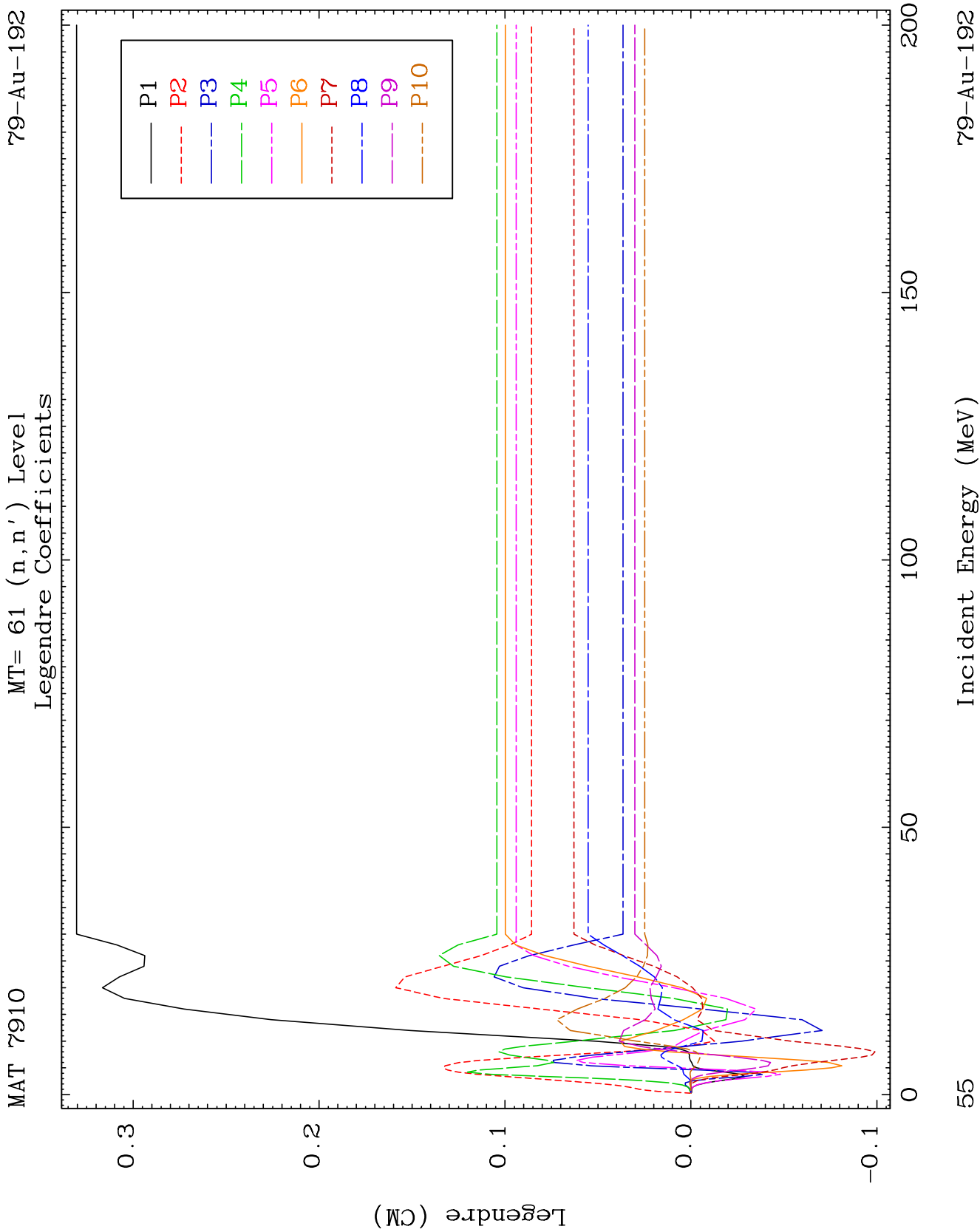






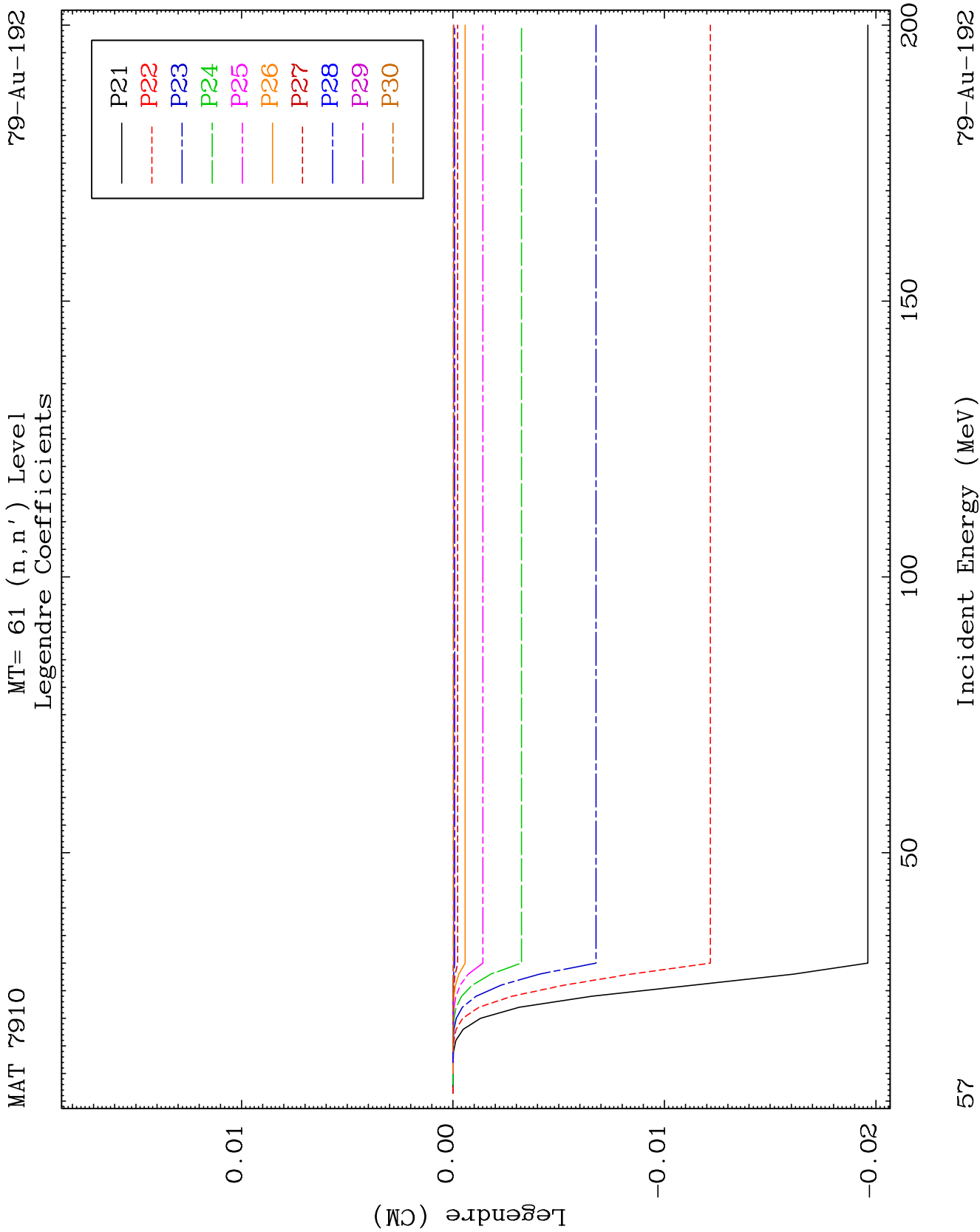


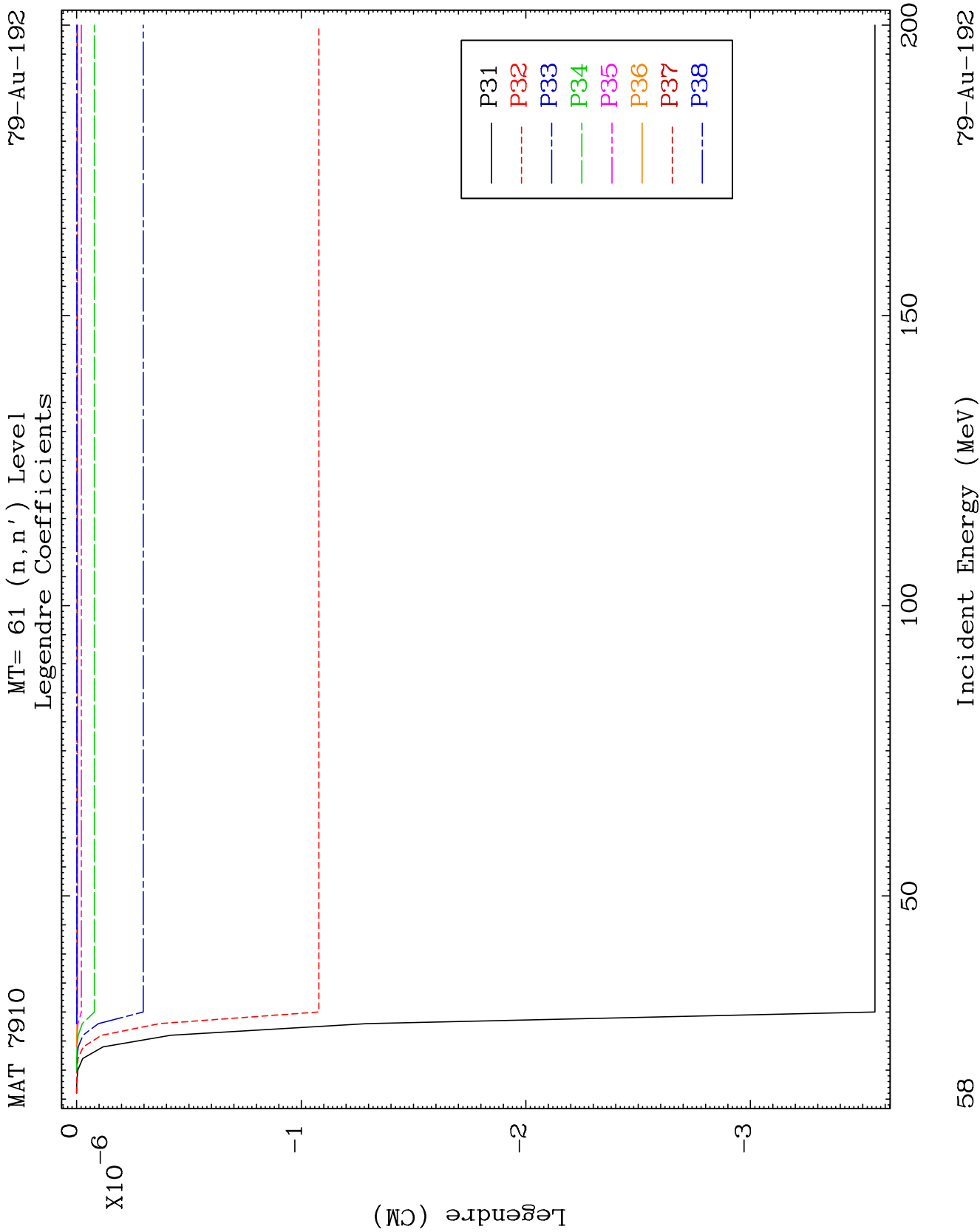


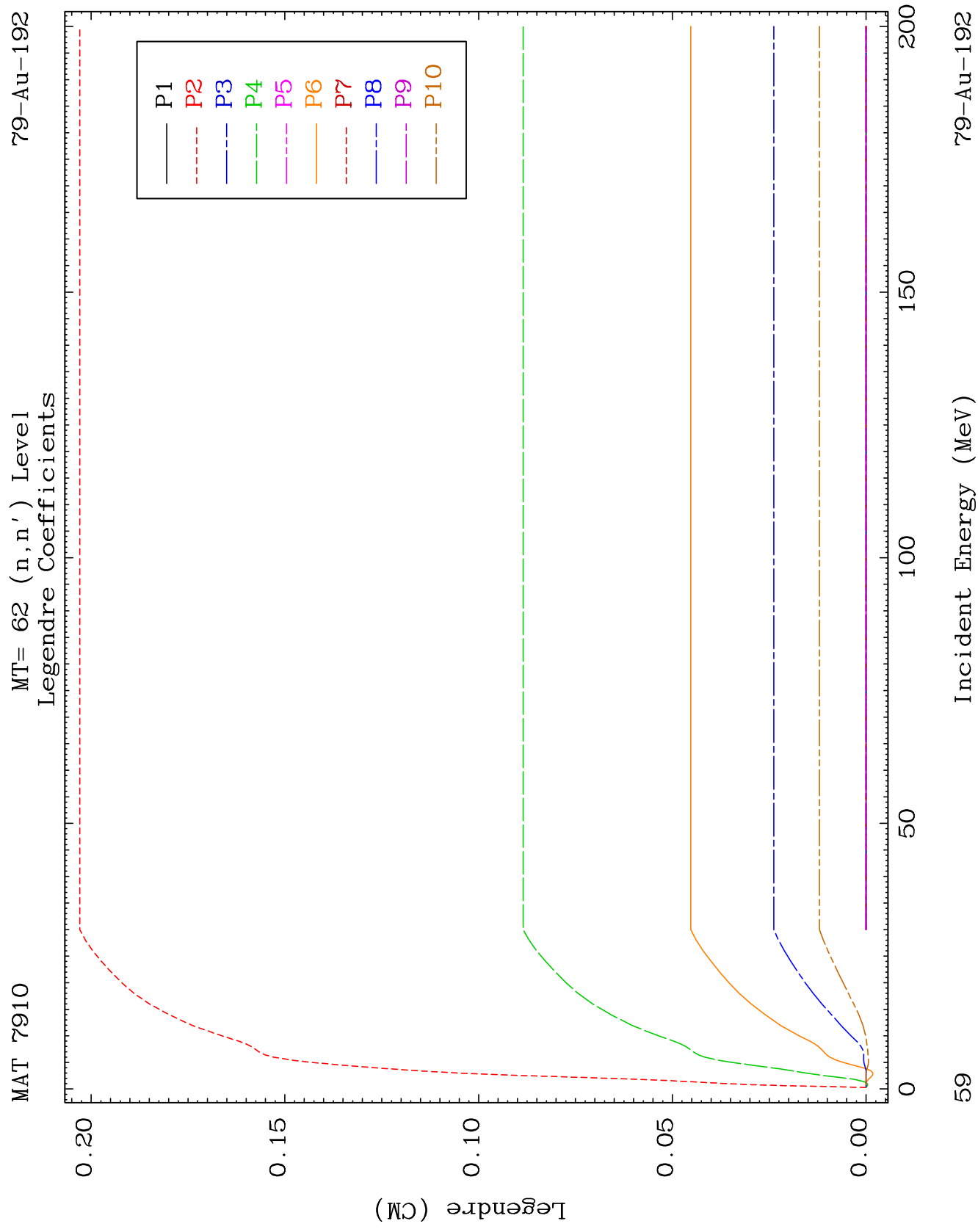


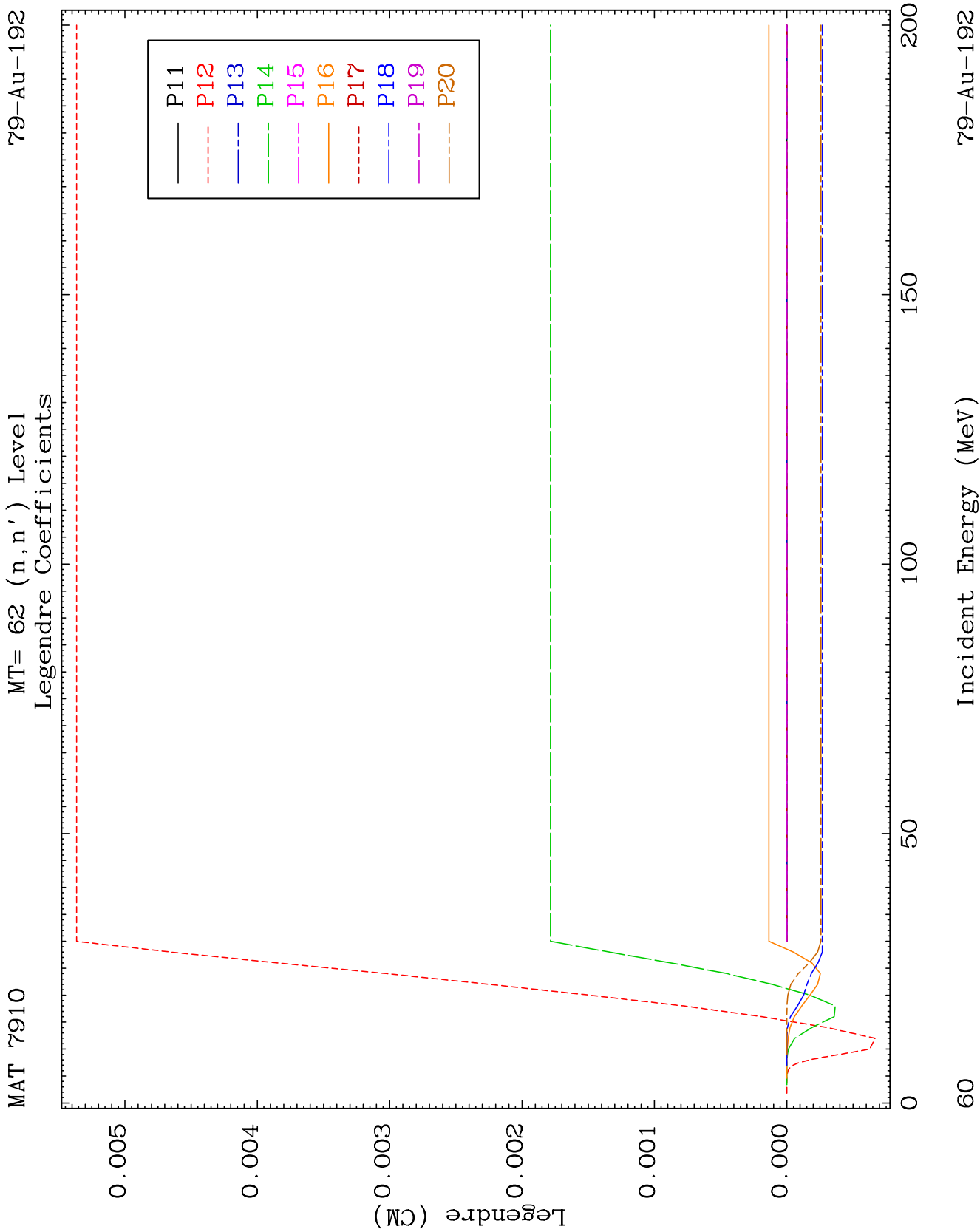


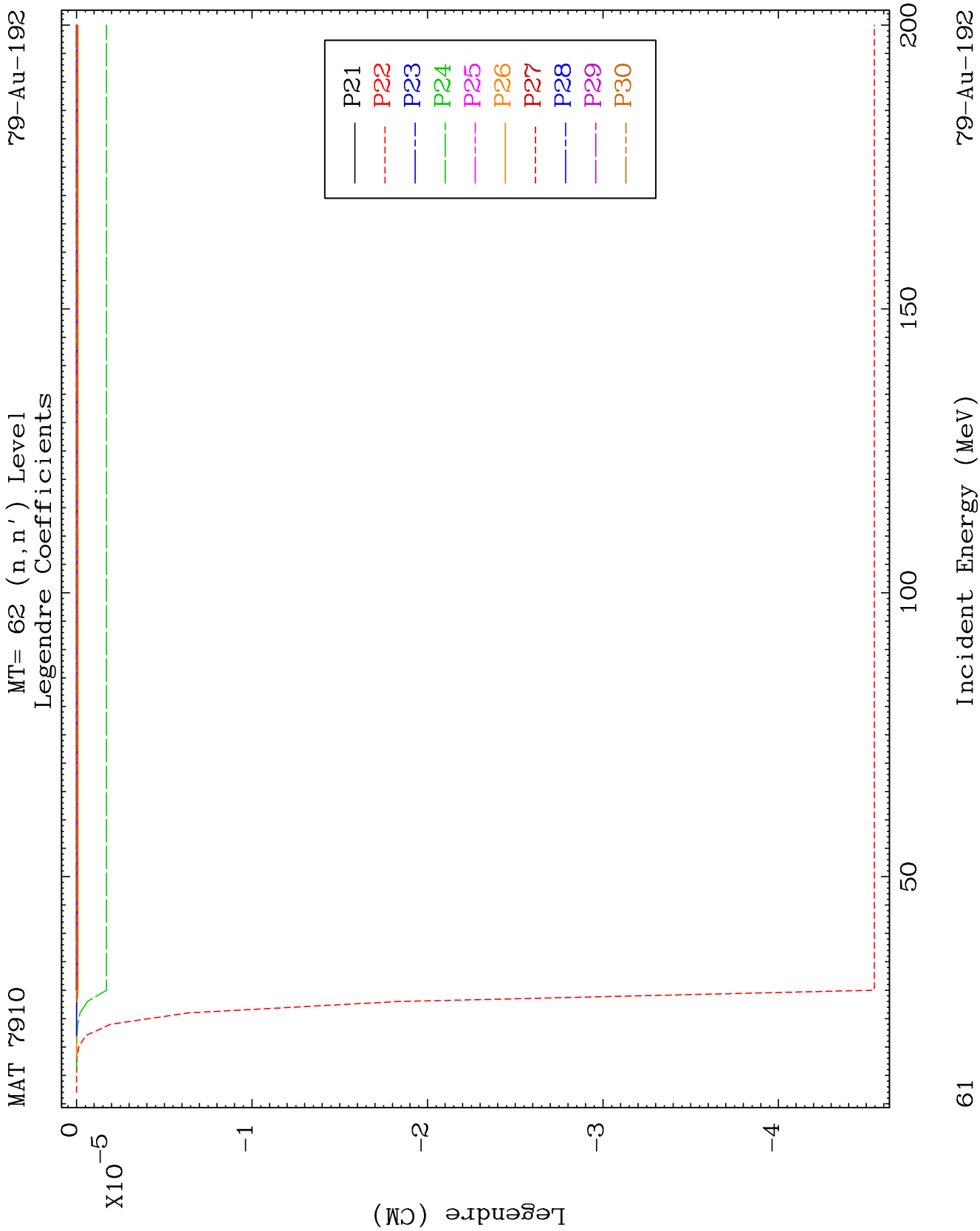


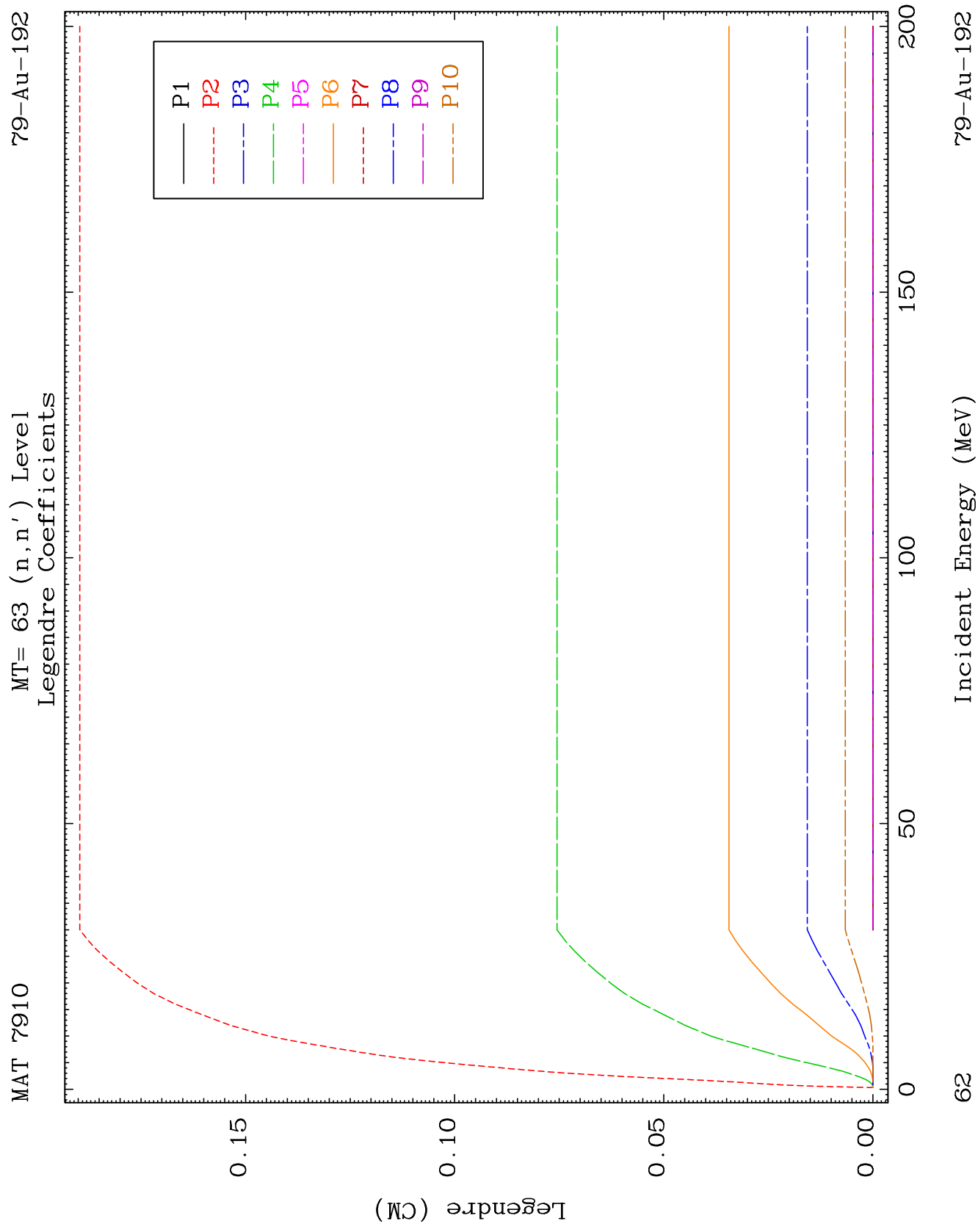


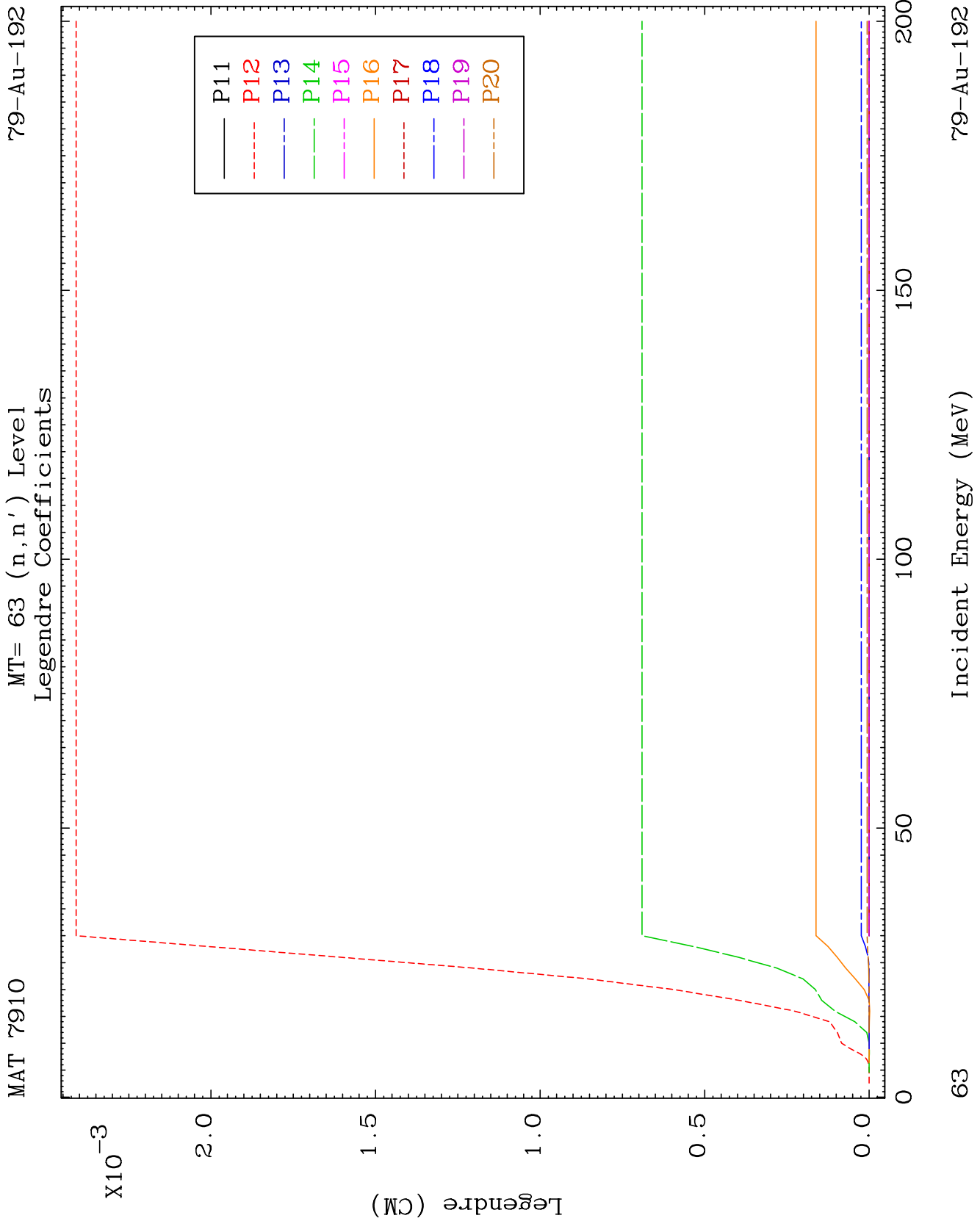




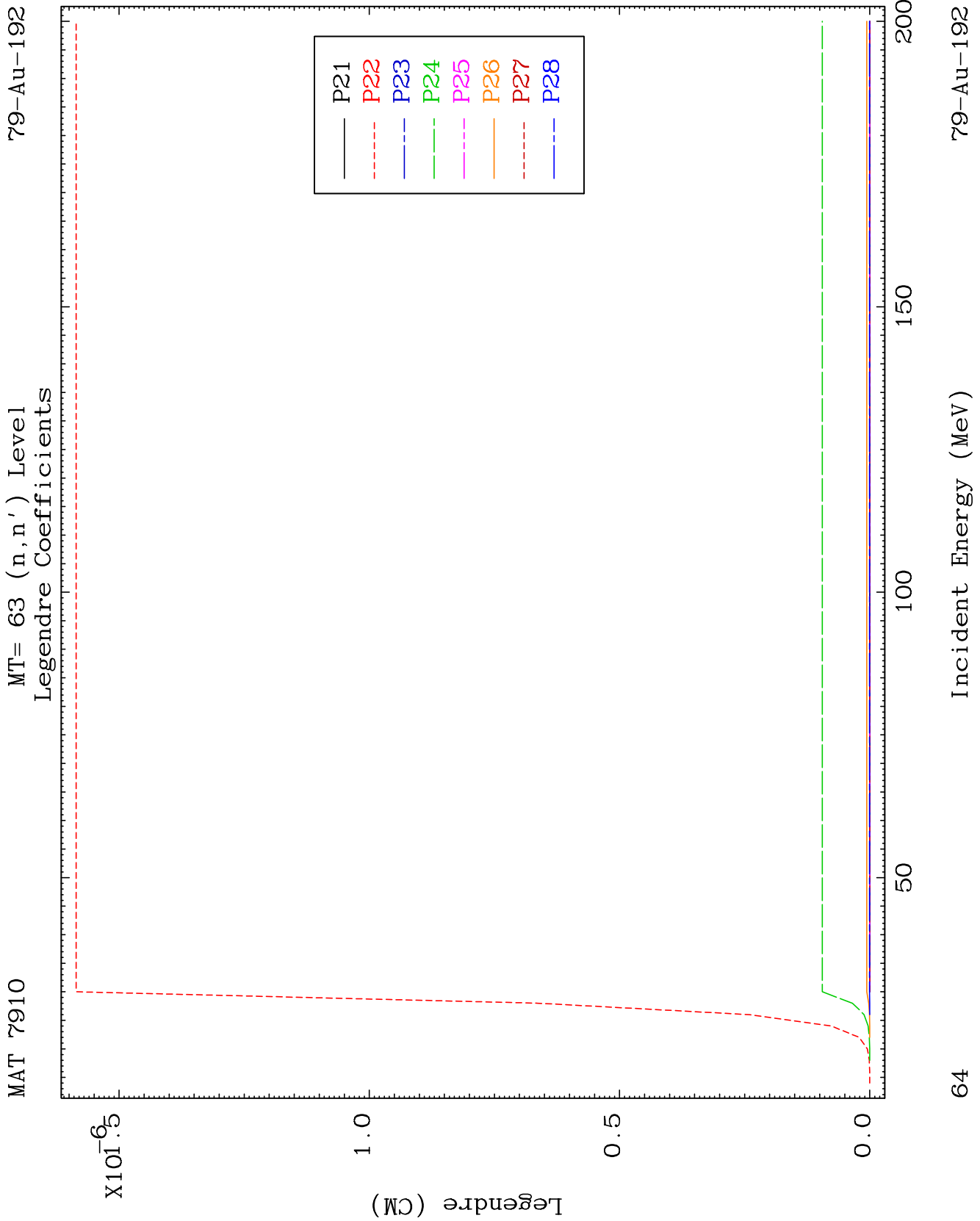


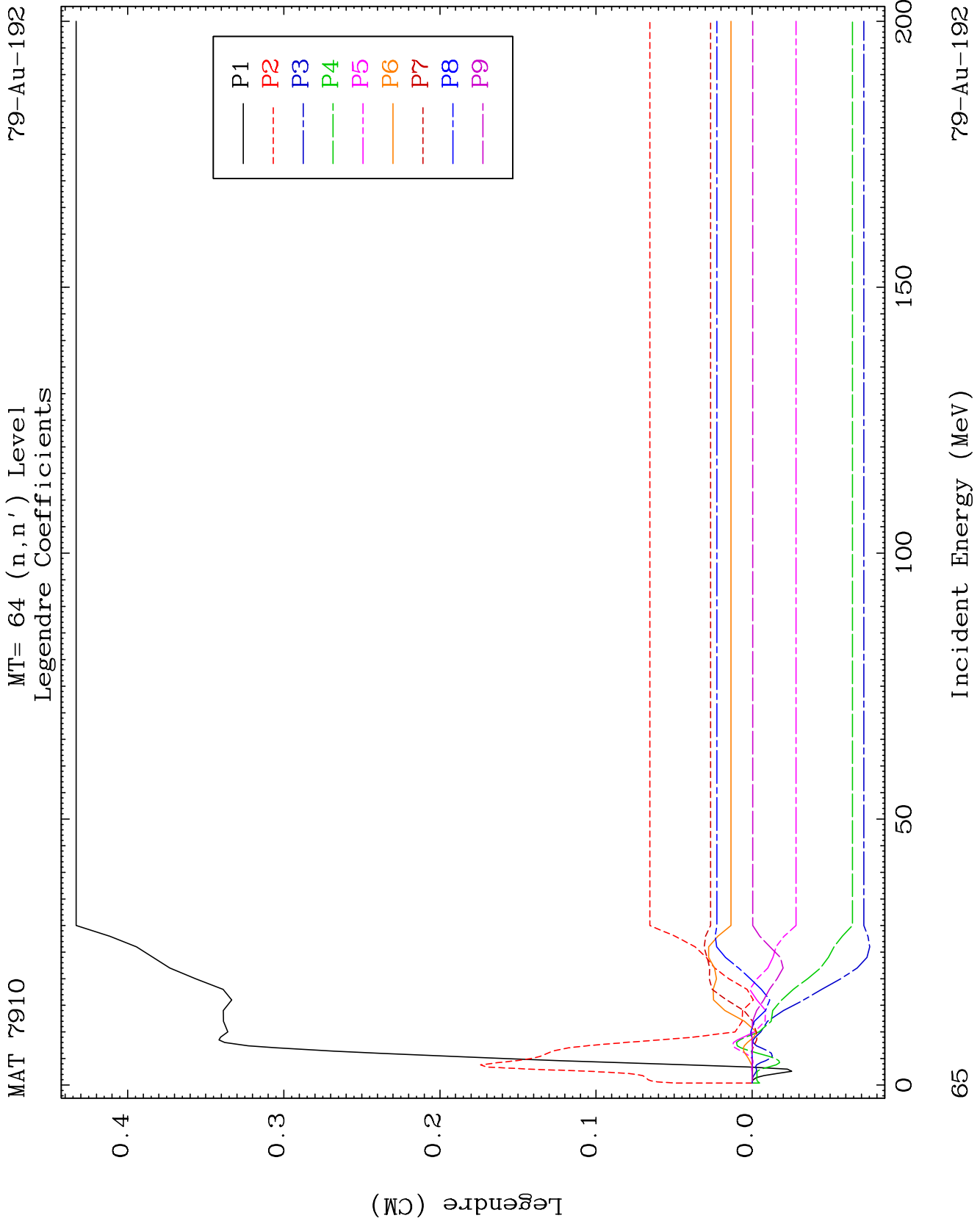








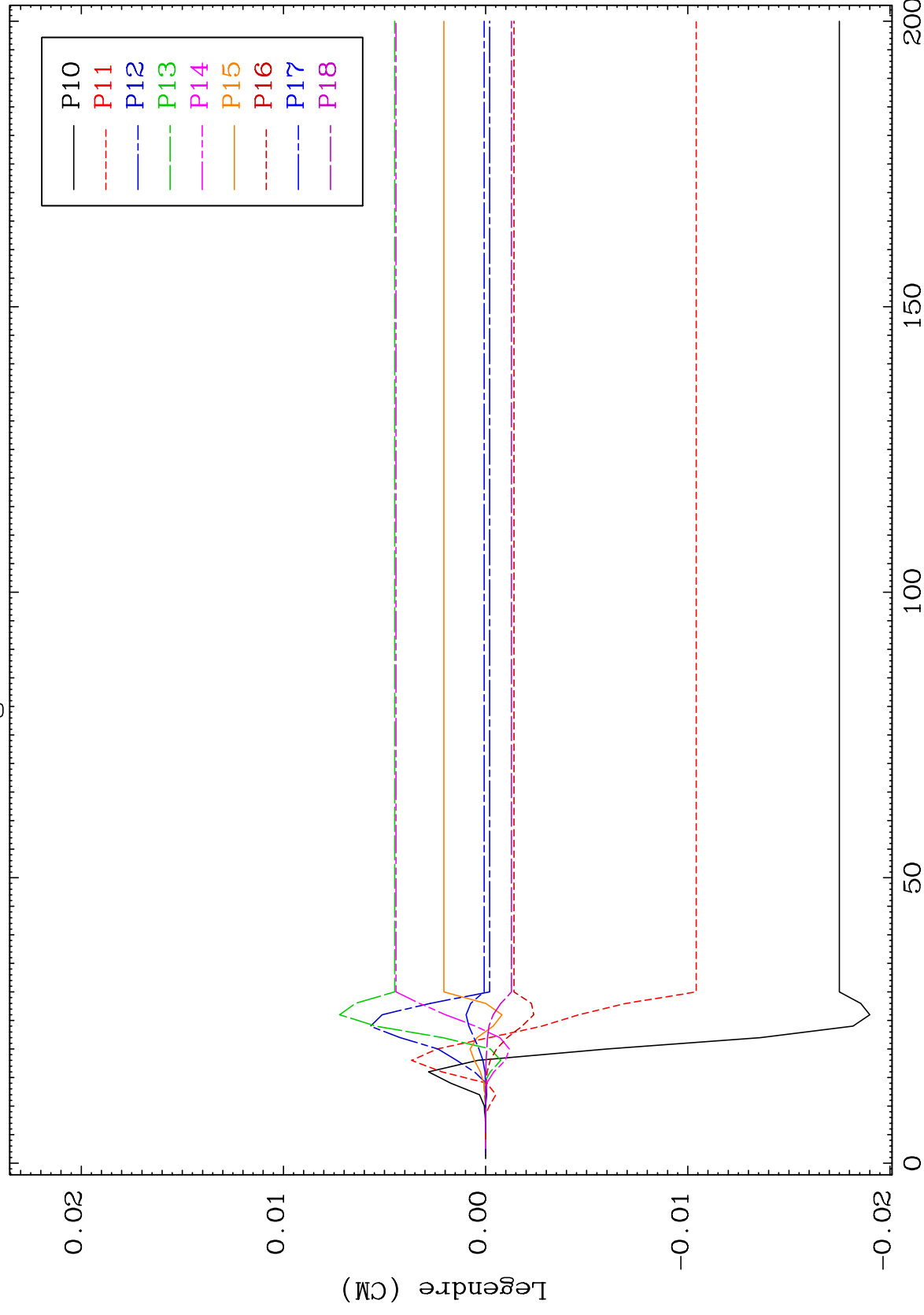




MAT 7910

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

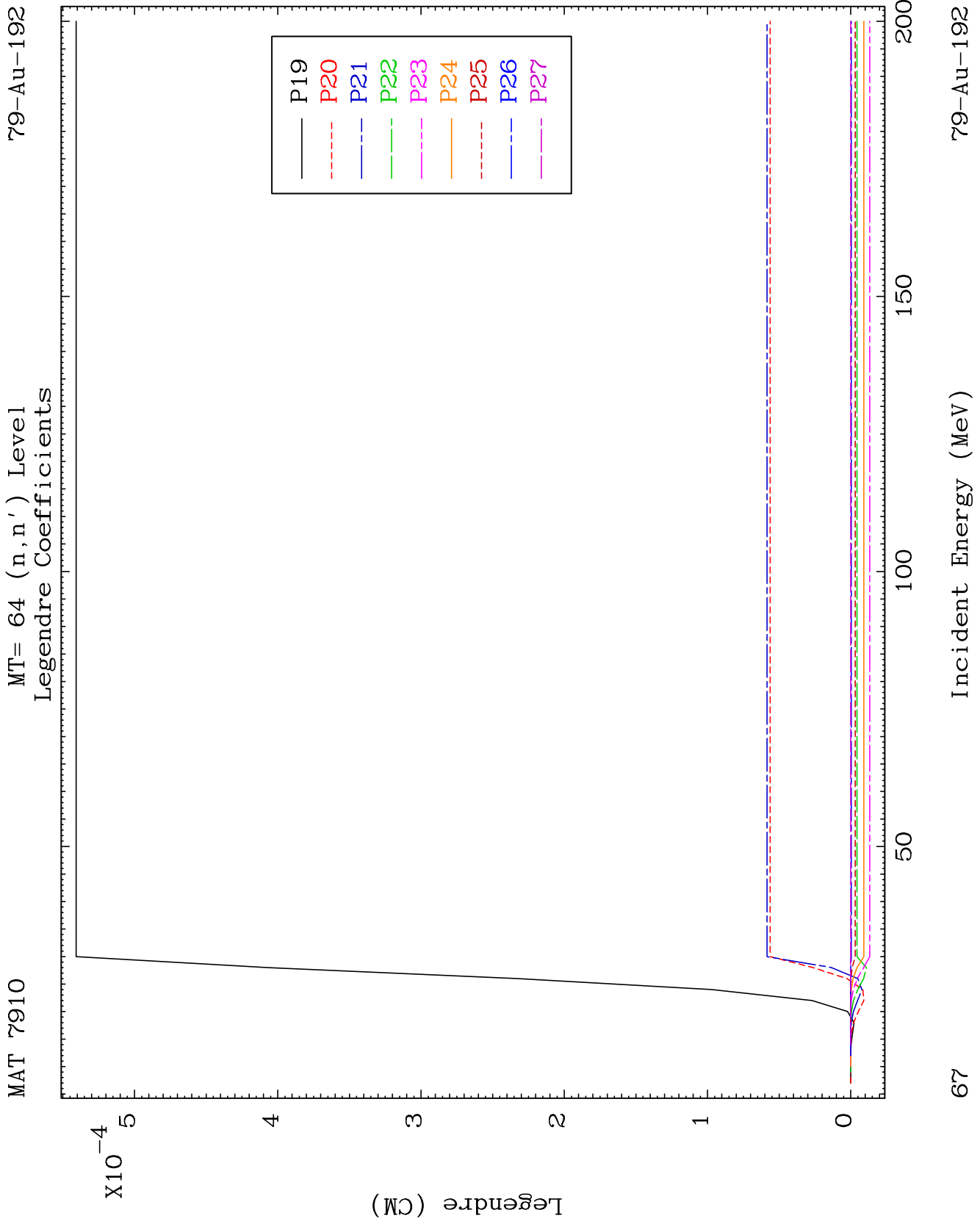
79-Au-192

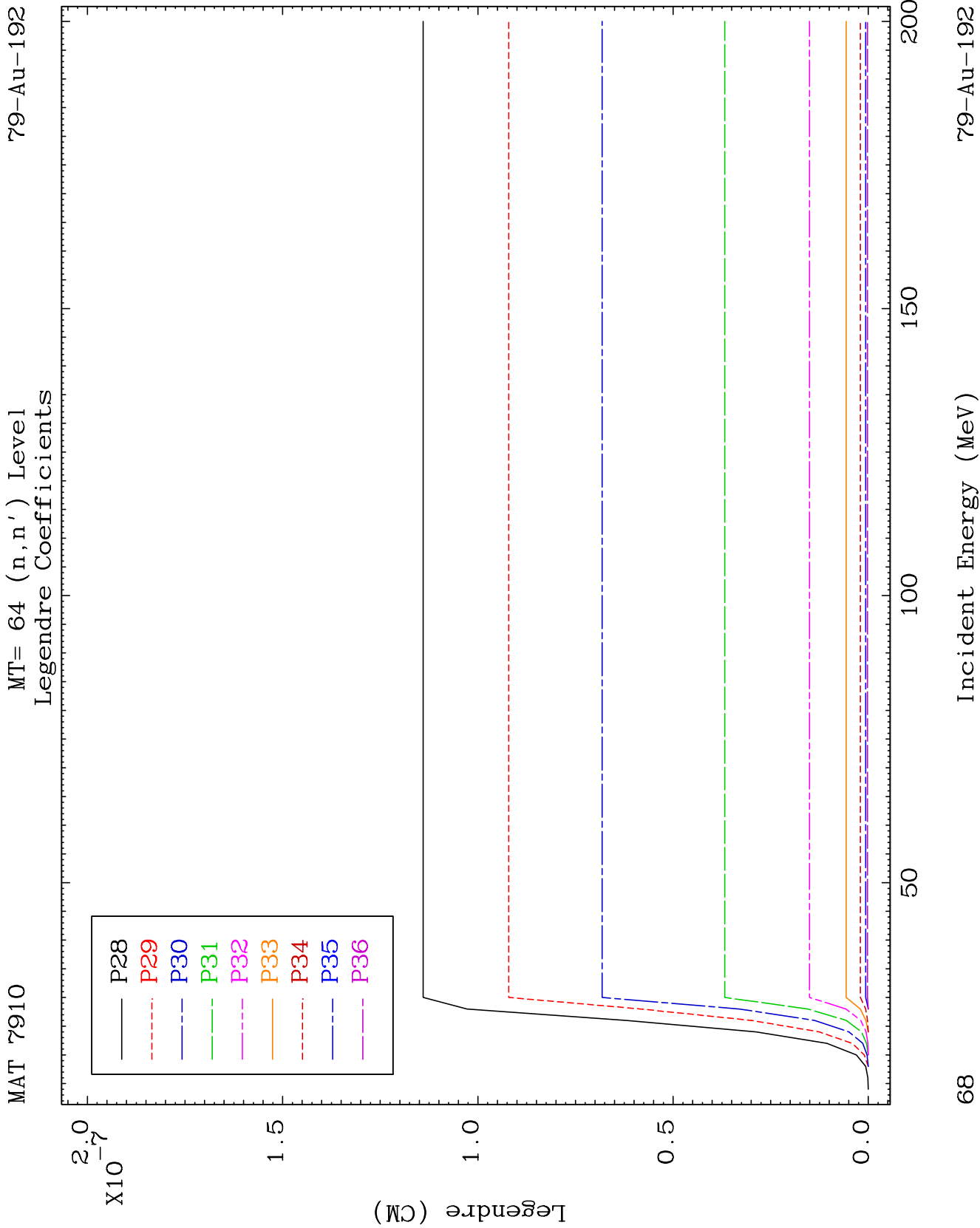


99

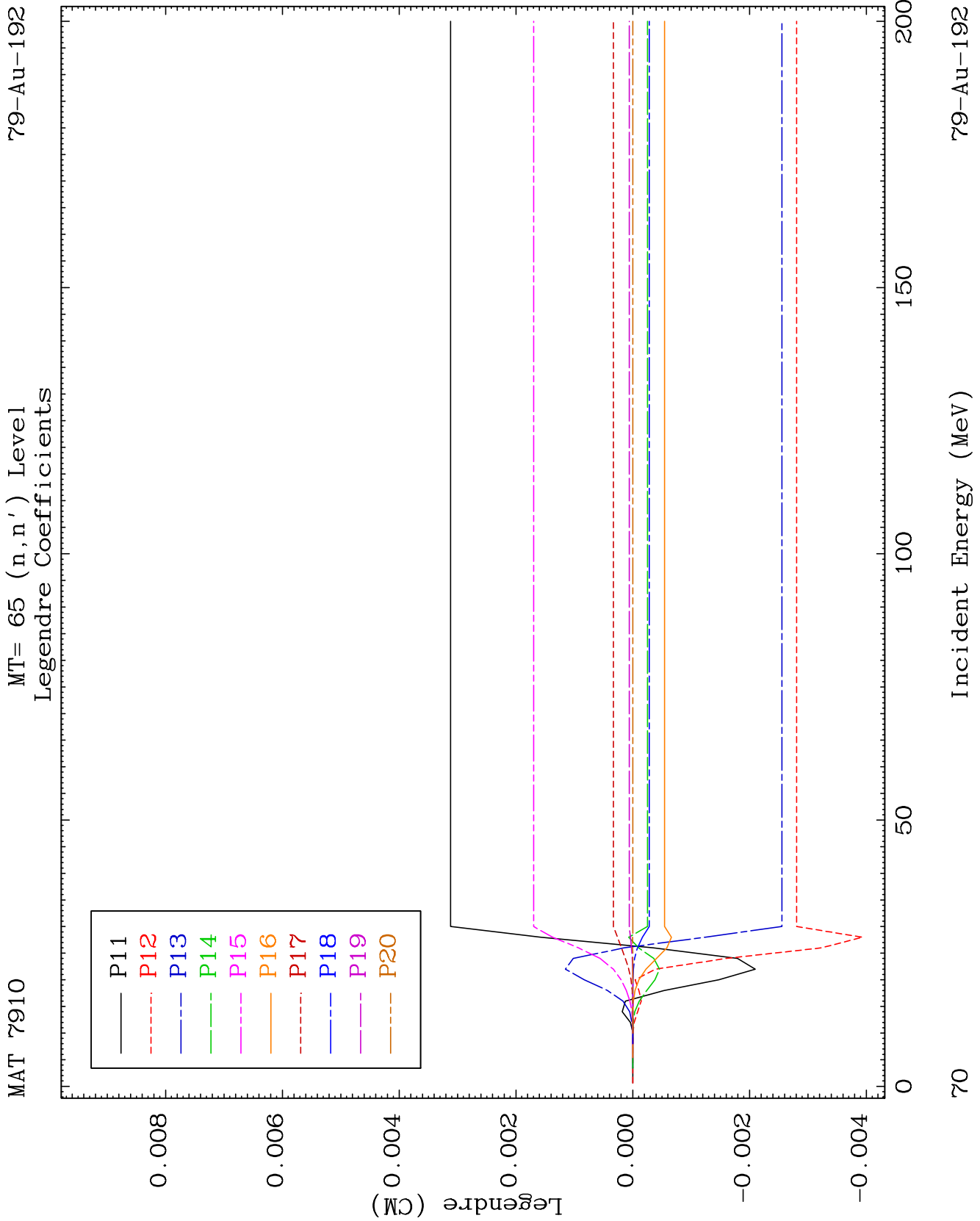
Incident Energy (MeV)

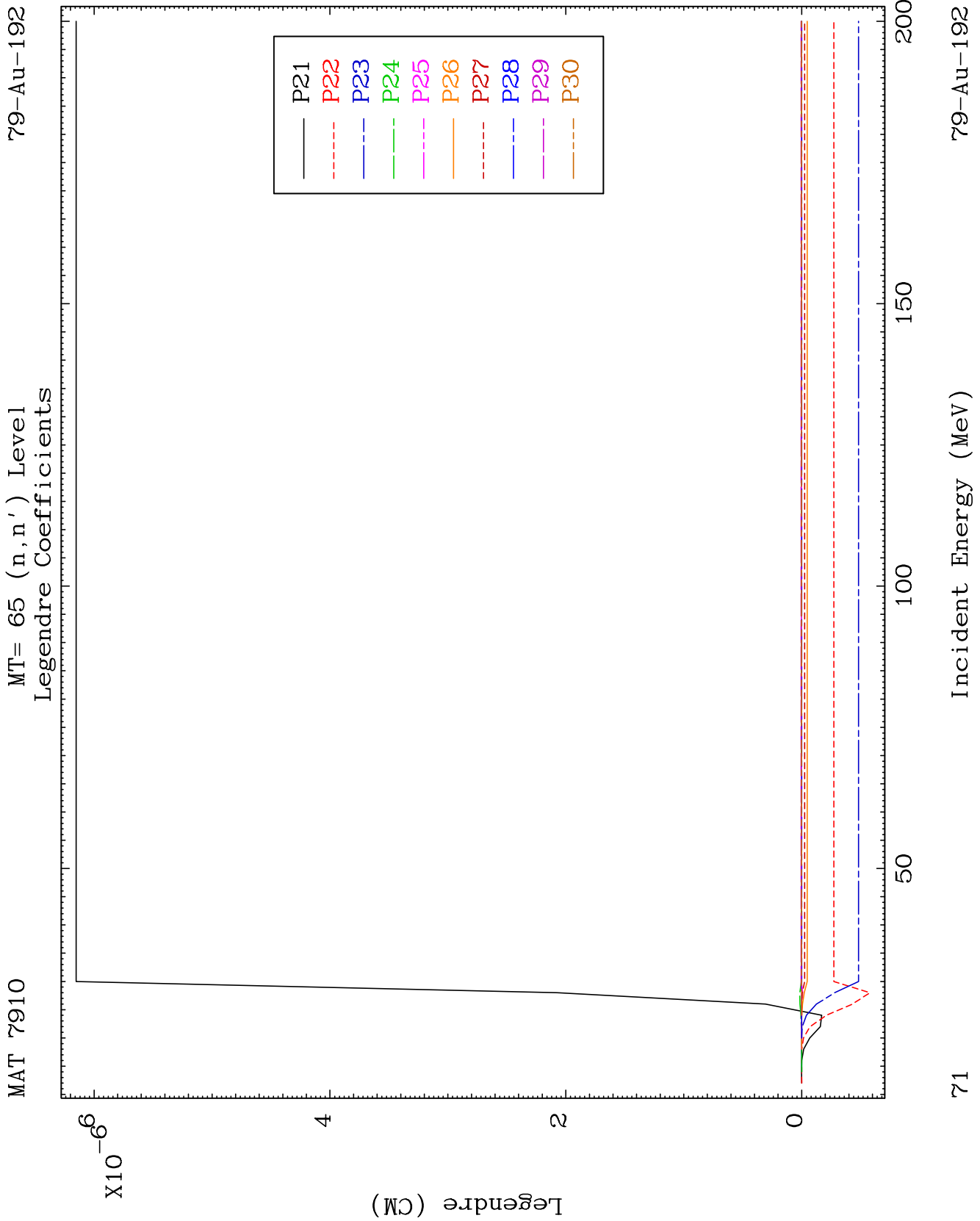
79-Au-192



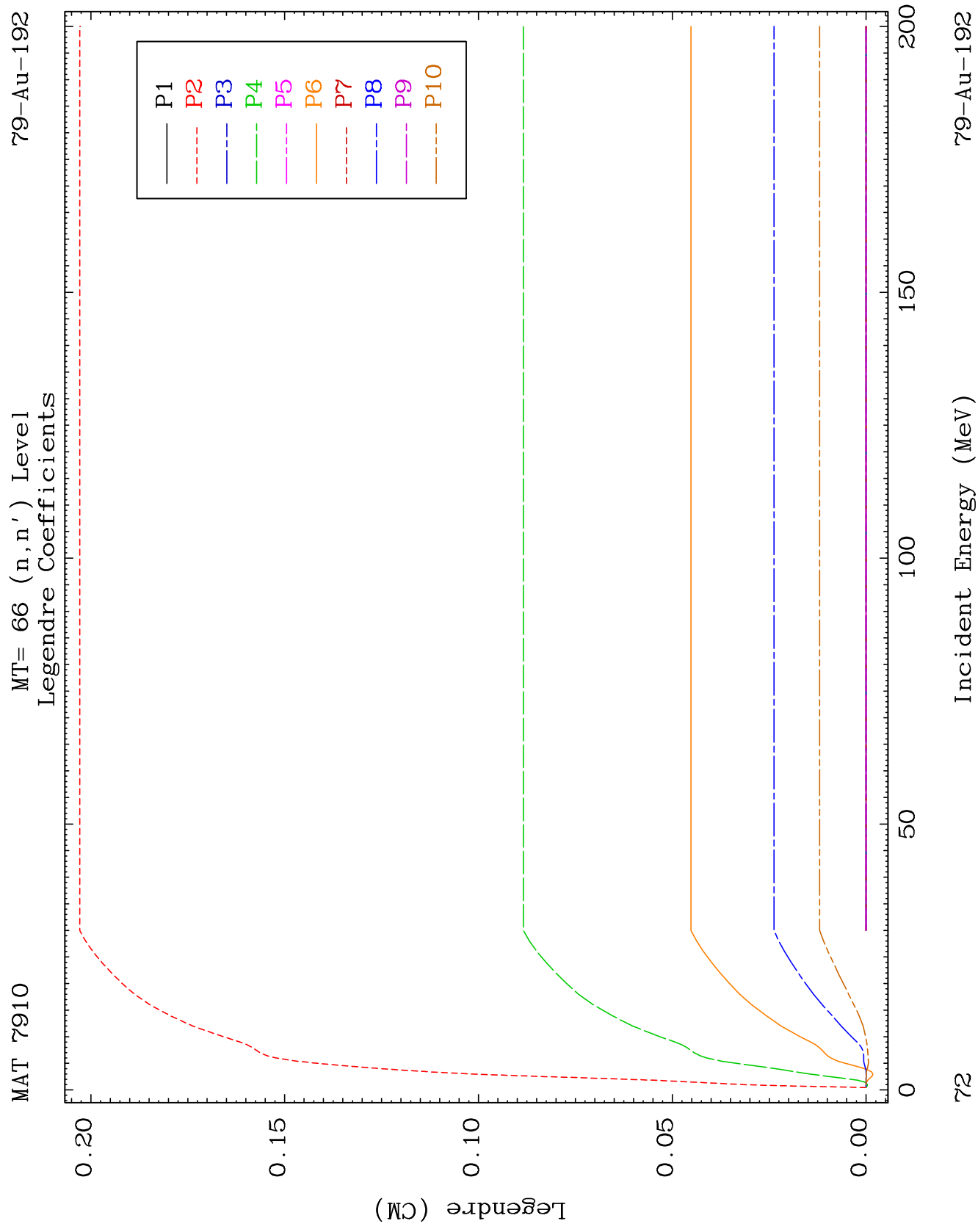








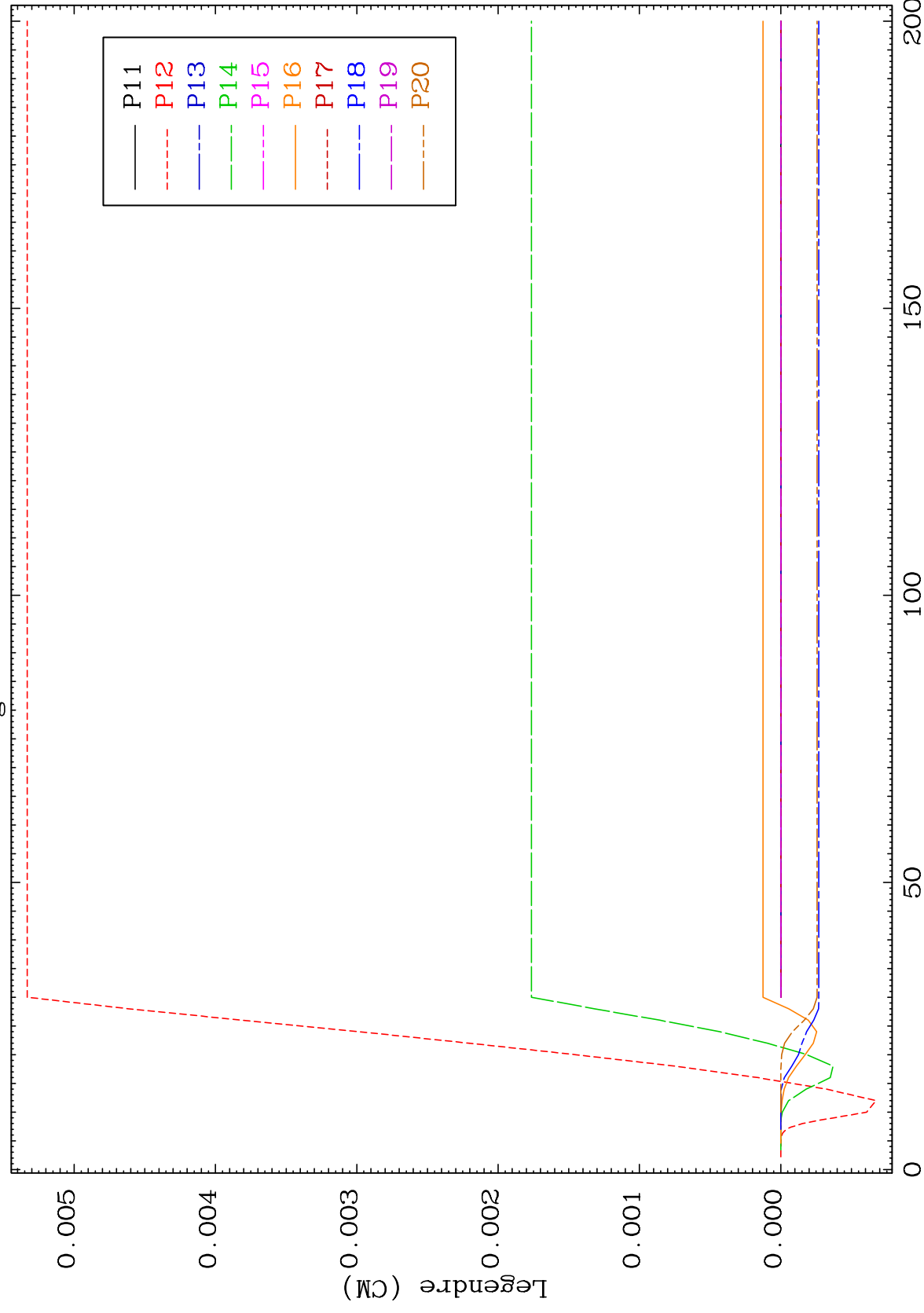




MAT 7910

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

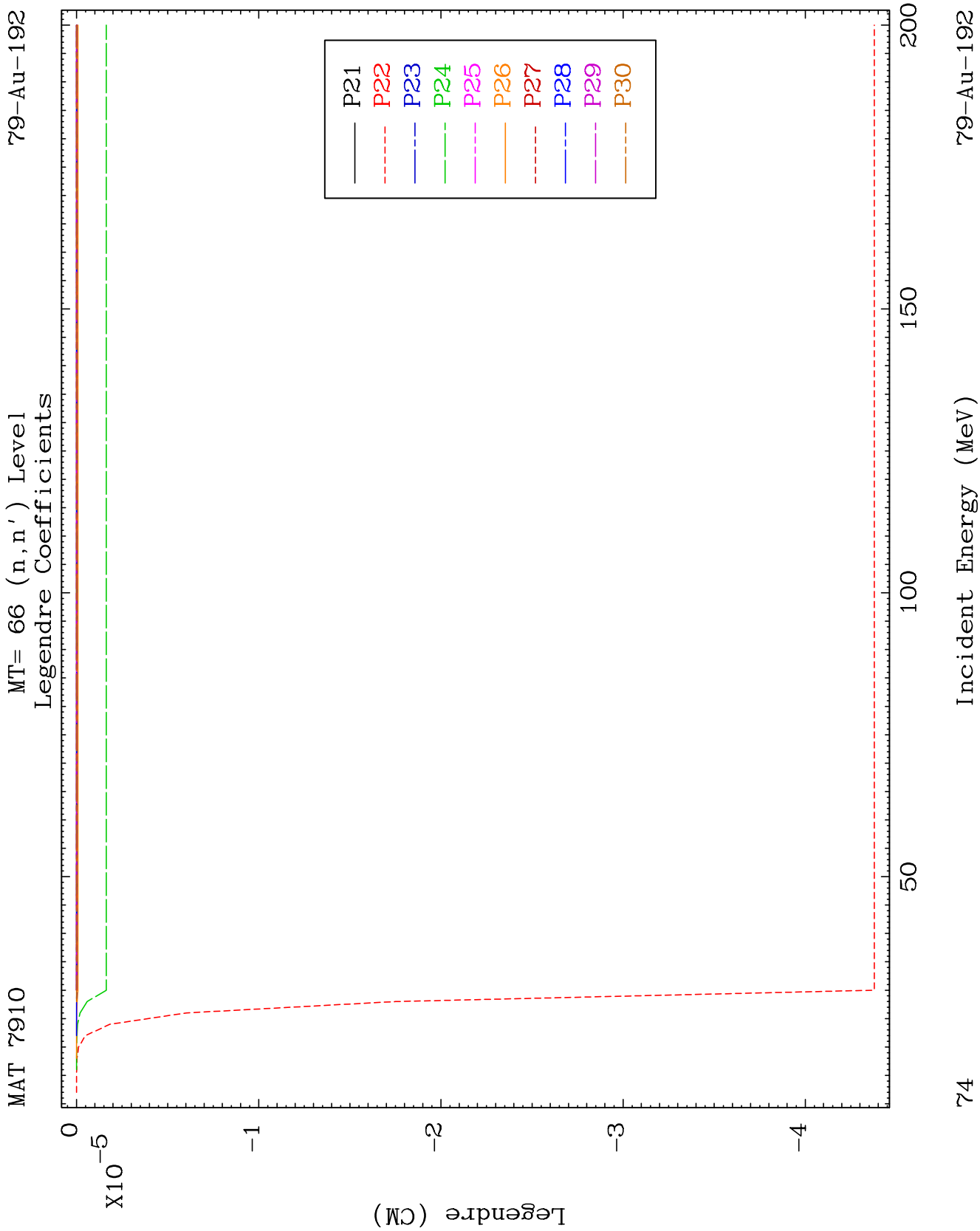
79-Au-192



23

Incident Energy (MeV)

79-Au-192

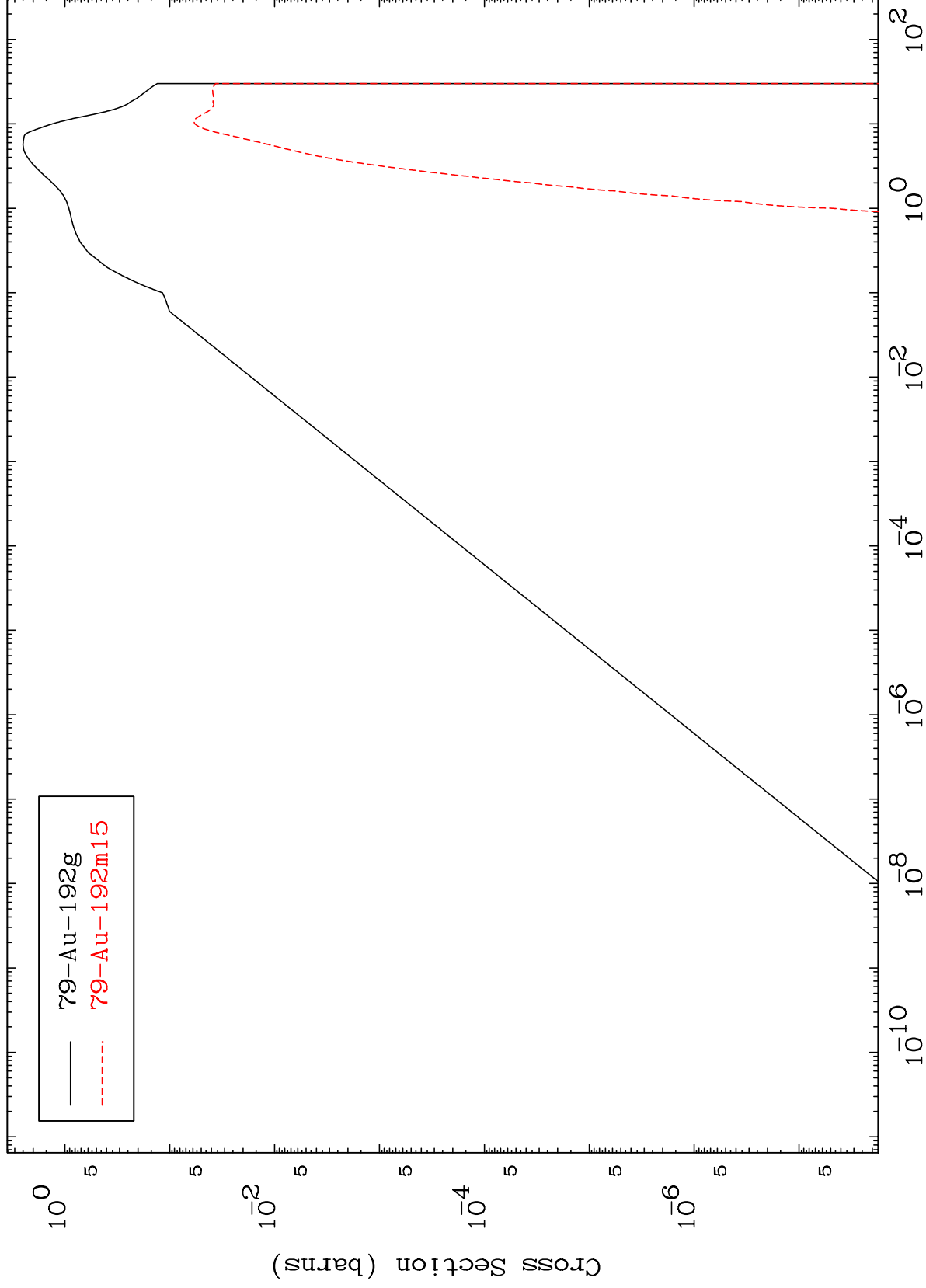


MAT 7910

Inelastic

$^{79}\text{Au-192}$

Radionuclide Production Cross Section



75

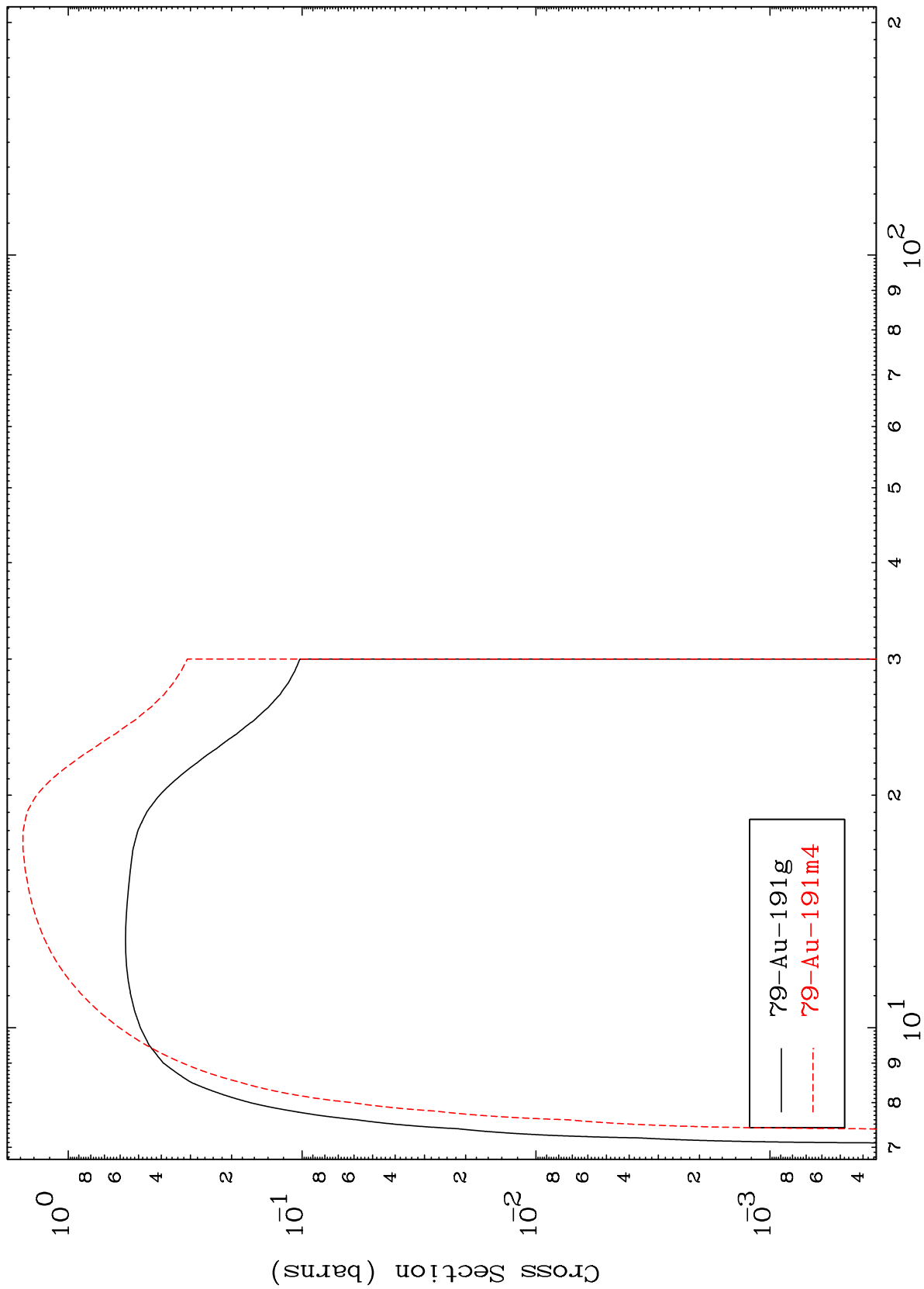
Incident Energy (MeV)

$^{79}\text{Au-192}$

MAT 7910

79-Au-192

(n,2n)  
Radionuclide Production Cross Section



79-Au-192

Incident Energy (MeV)

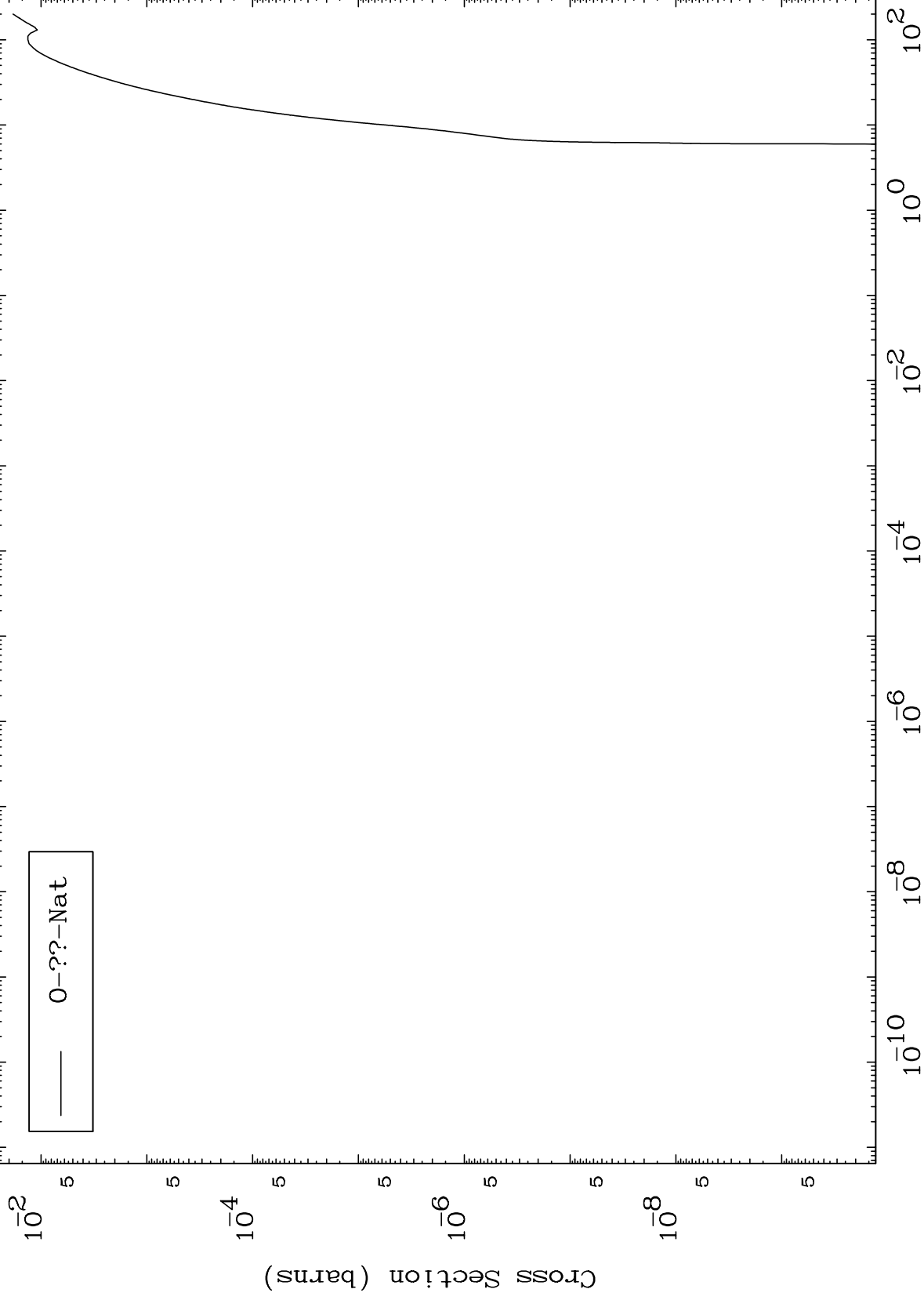
76

MAT 7910

Fission

79-Au-192

Radionuclide Production Cross Section

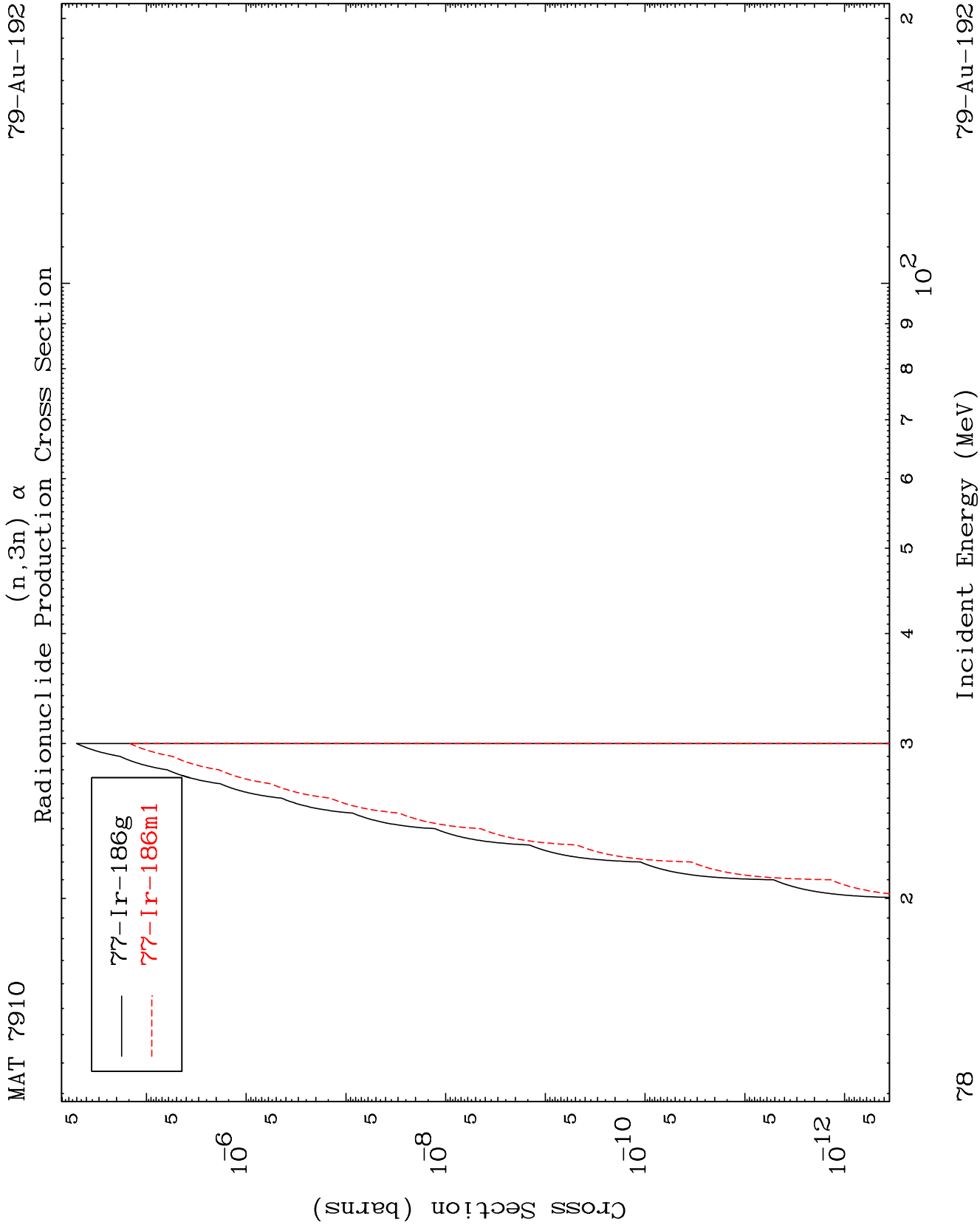


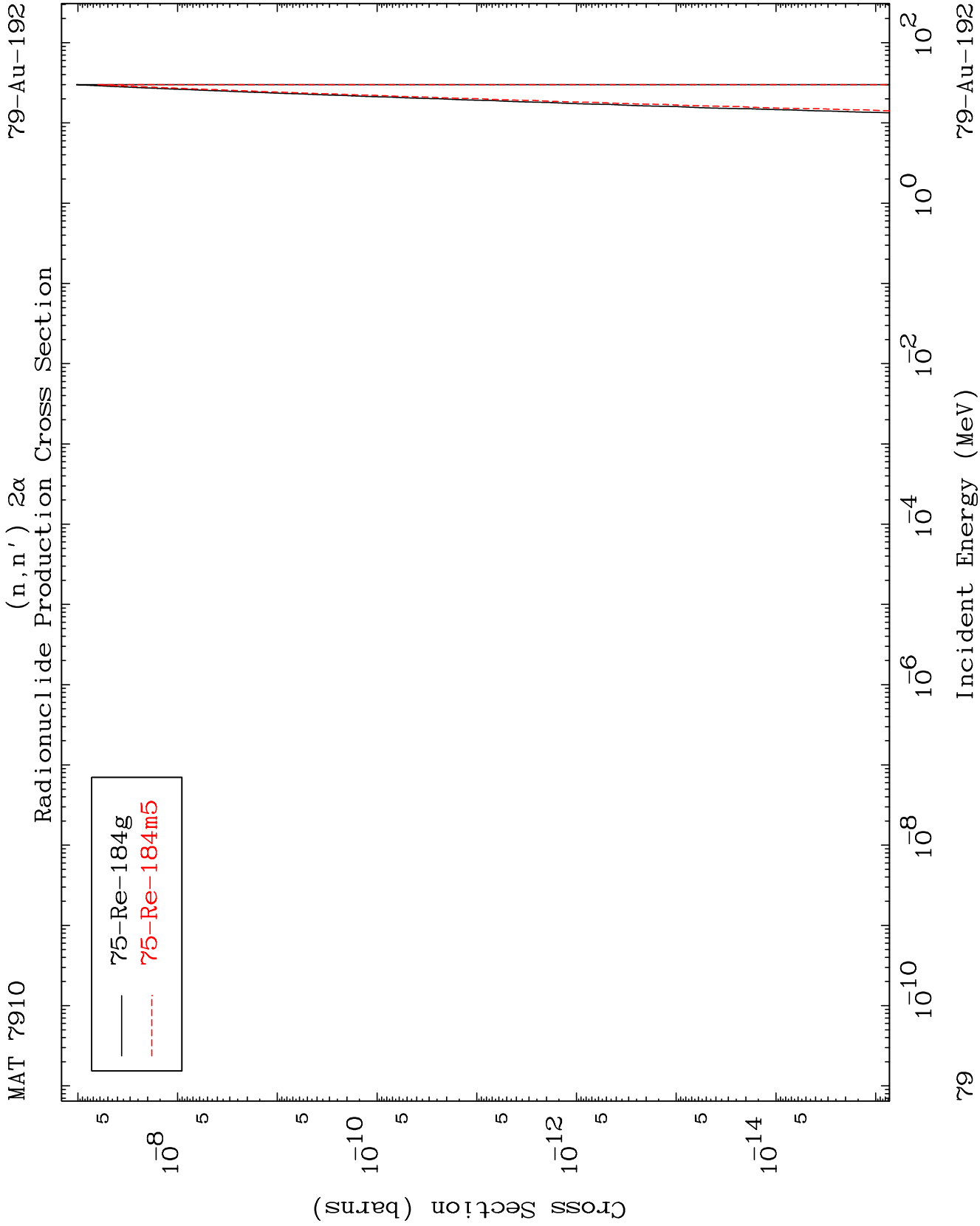
0-??-Nat

77

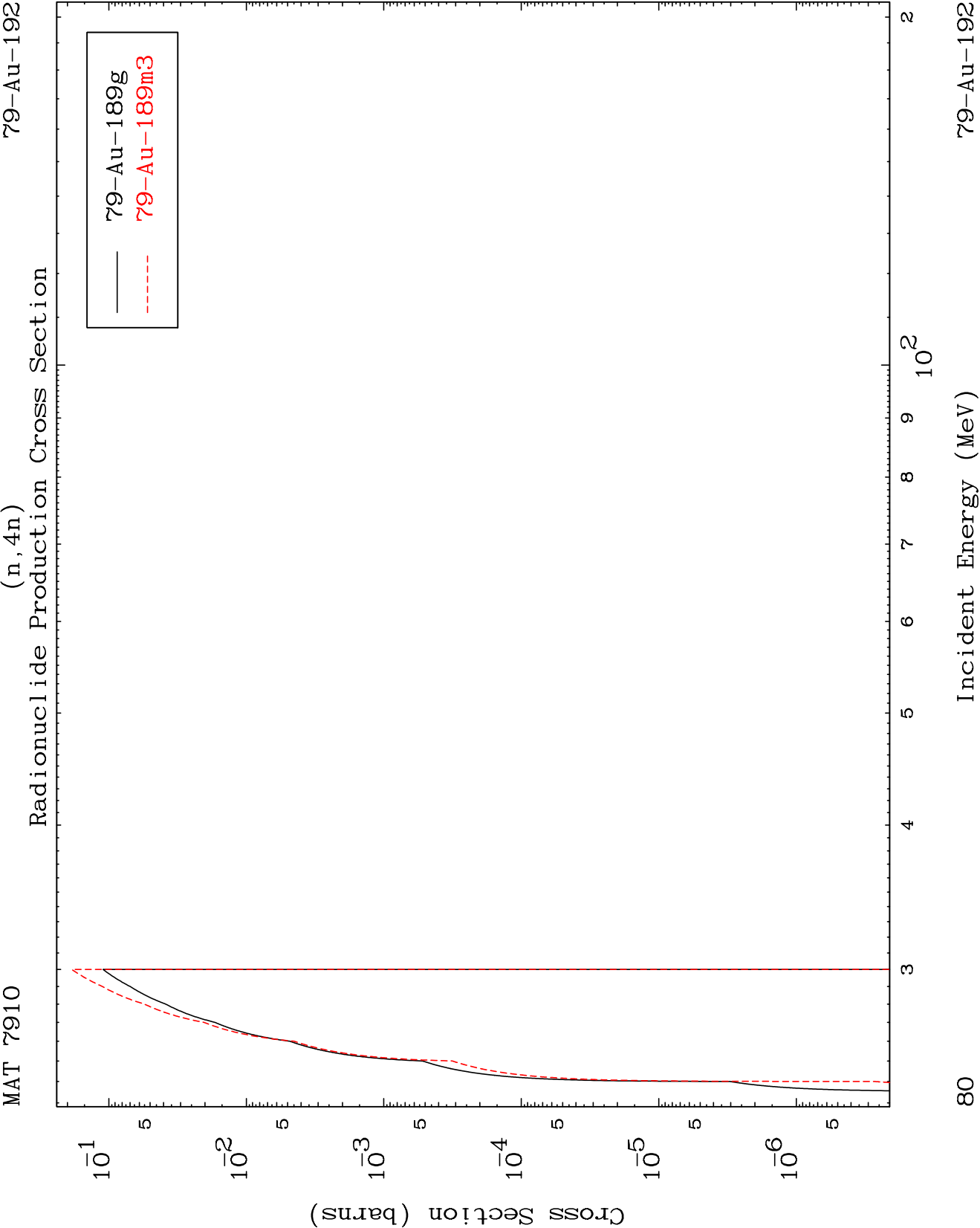
Incident Energy (MeV)

79-Au-192

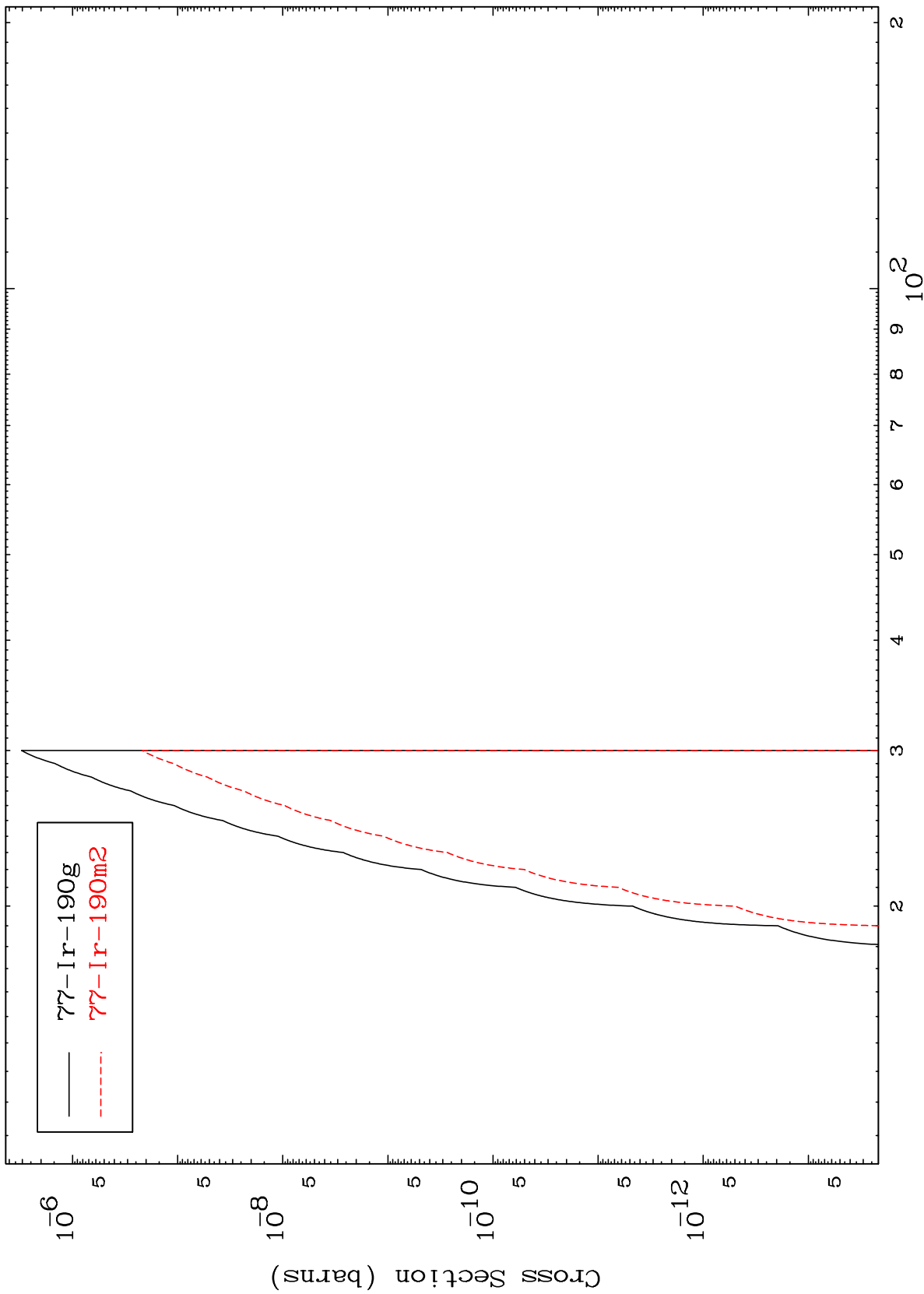


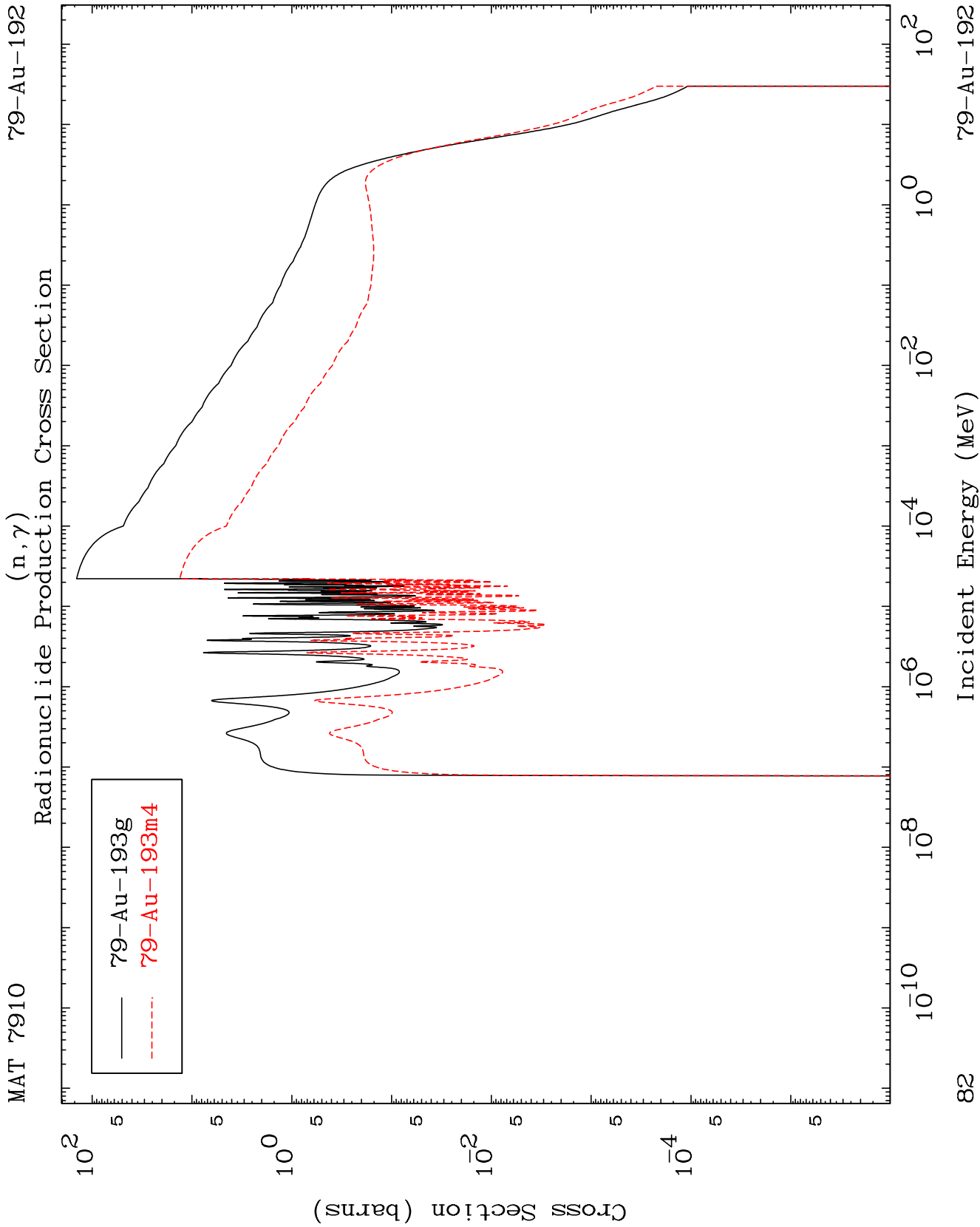






Radionuclide Production Cross Section  
(n,2n) p

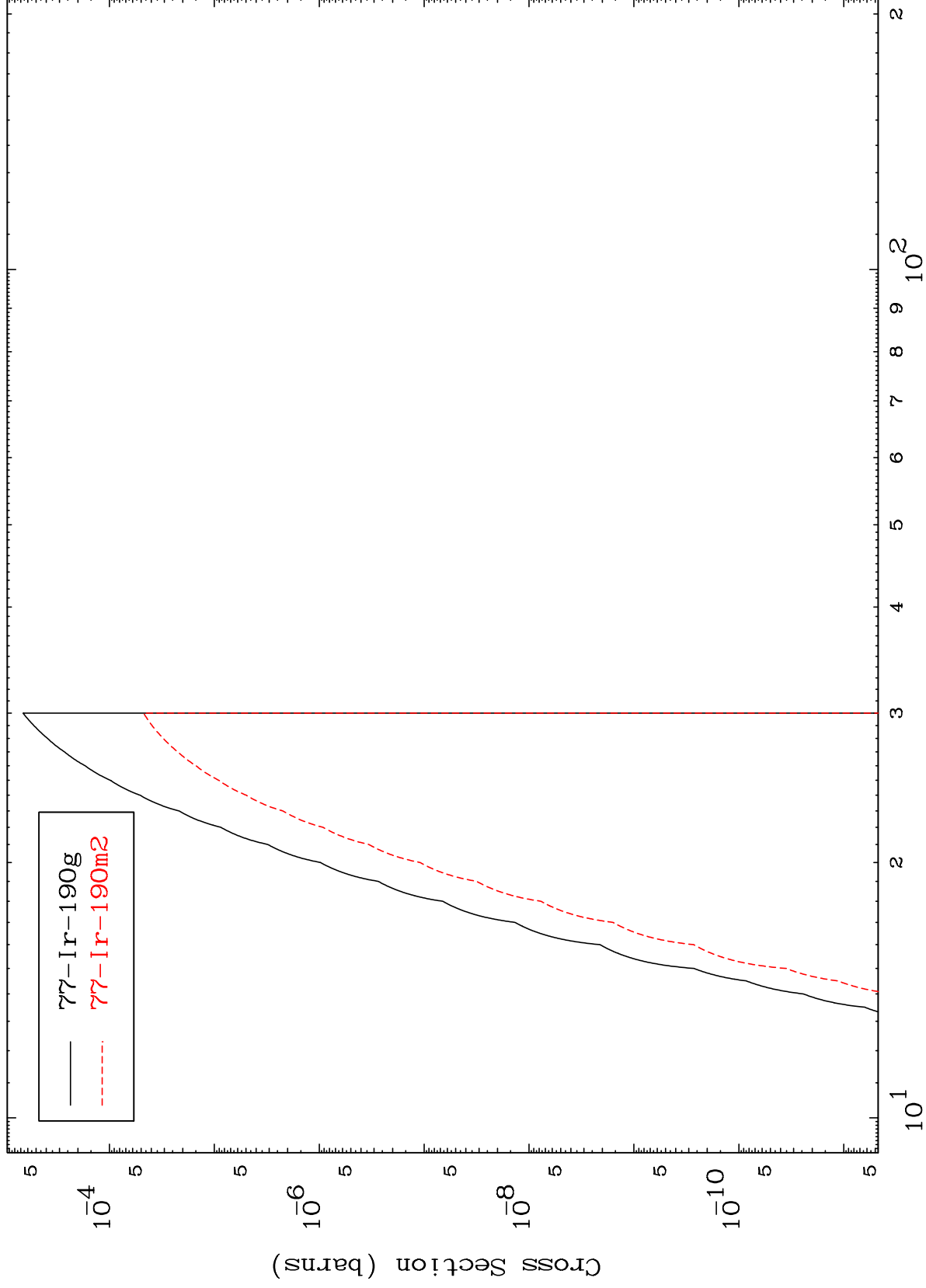




MAT 7910

79-Au-192

Radionuclide Production Cross Section  
(n,He-3)



79-Au-192

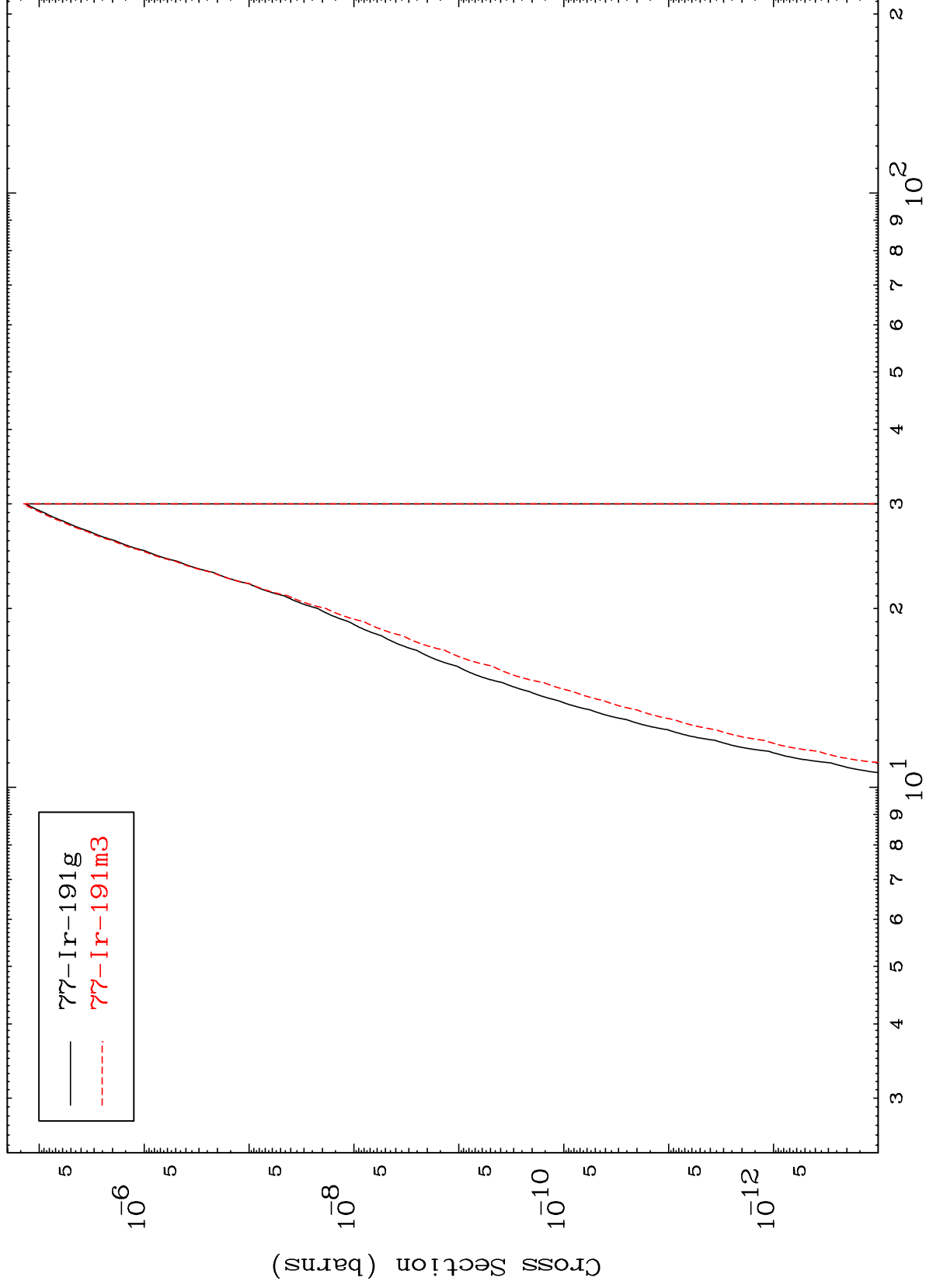
Incident Energy (MeV)

83

MAT 7910

79-Au-192

Radionuclide Production Cross Section  
(n,2p)



84

Incident Energy (MeV)

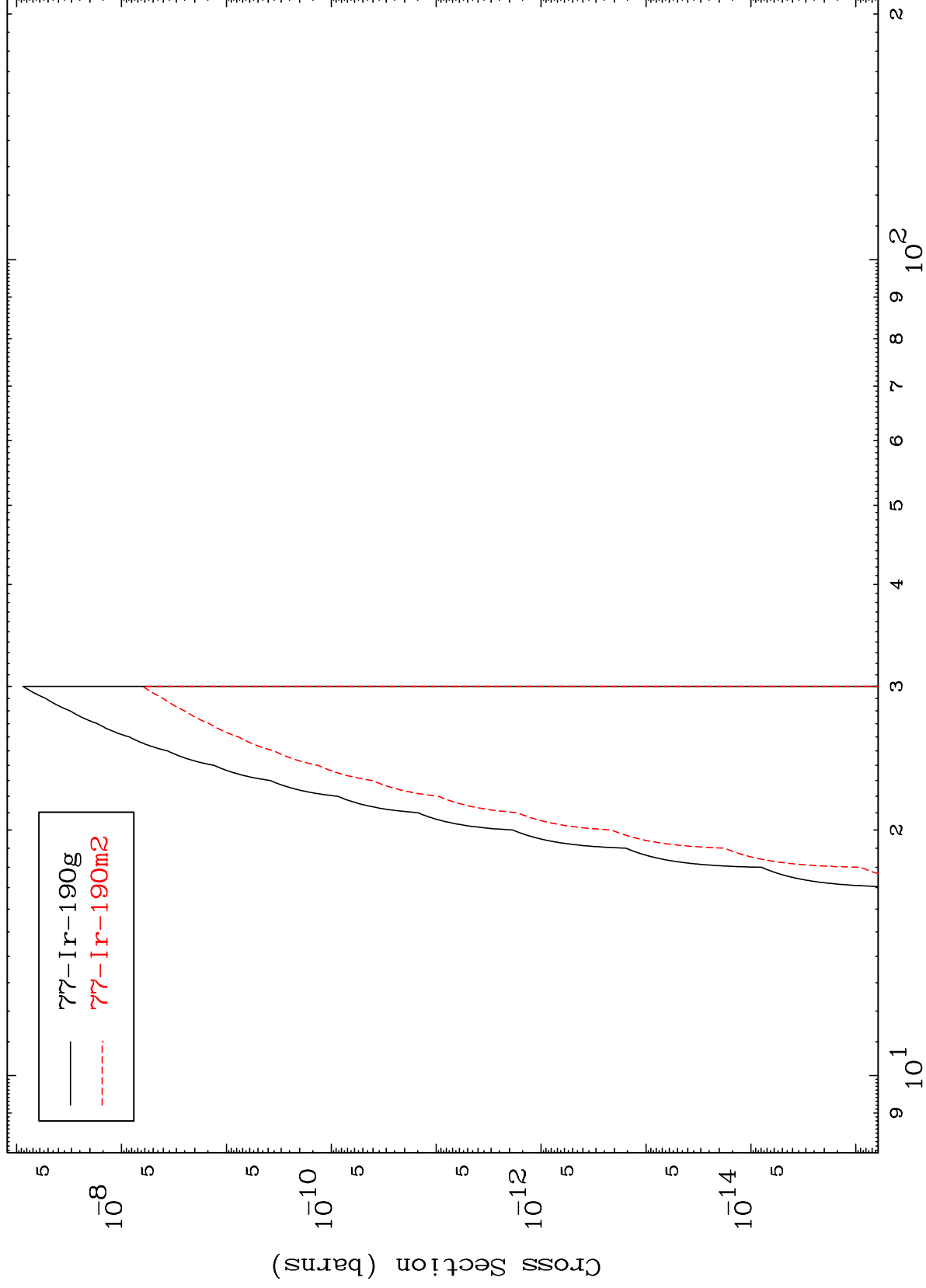
79-Au-192

MAT 7910

(n,p) d

79-Au-192

Radionuclide Production Cross Section



85

Incident Energy (MeV)

79-Au-192