

Program EVALPLOT
(Version 2021-1)

by

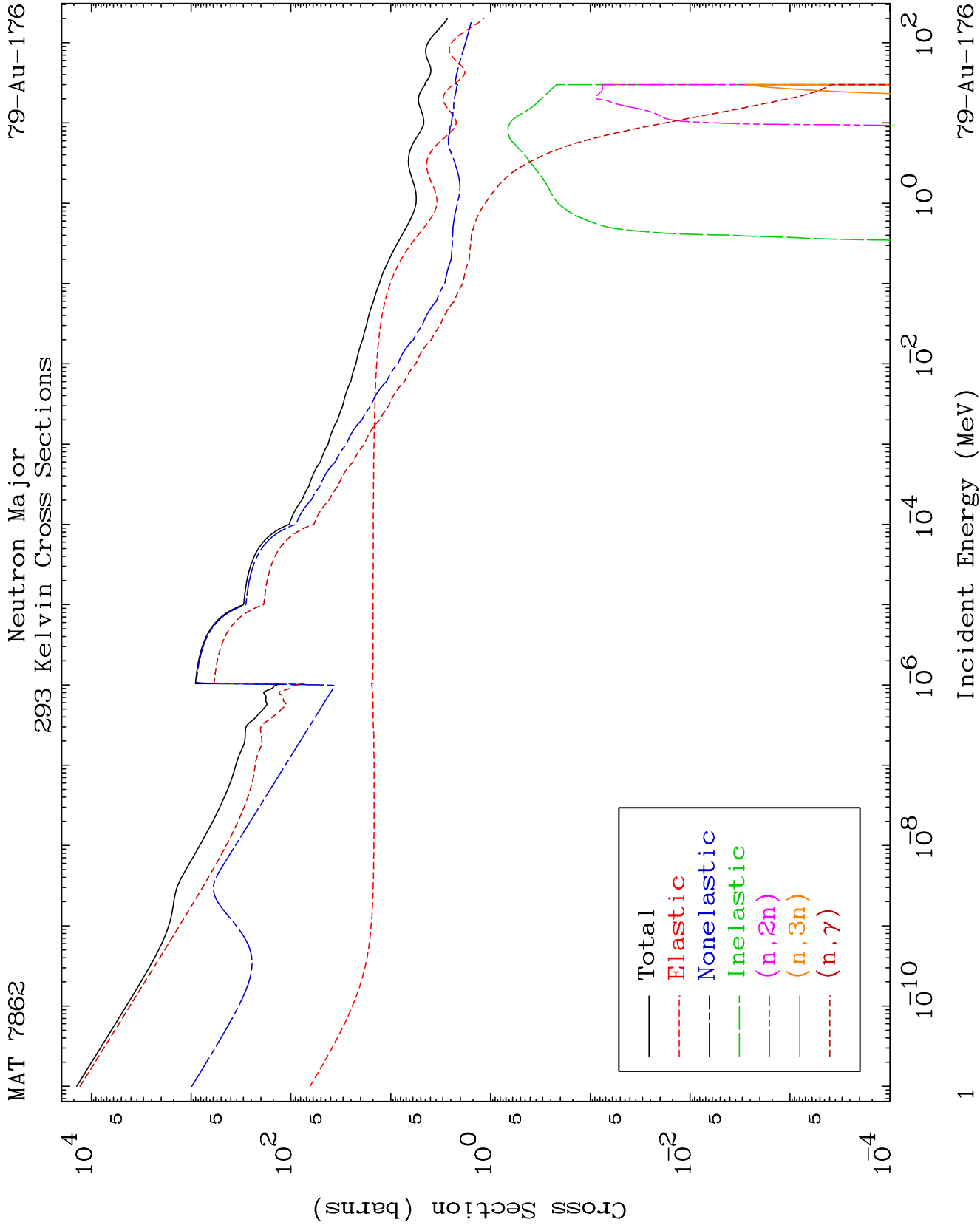
Dermott E. Cullen
(Present Contact Information)

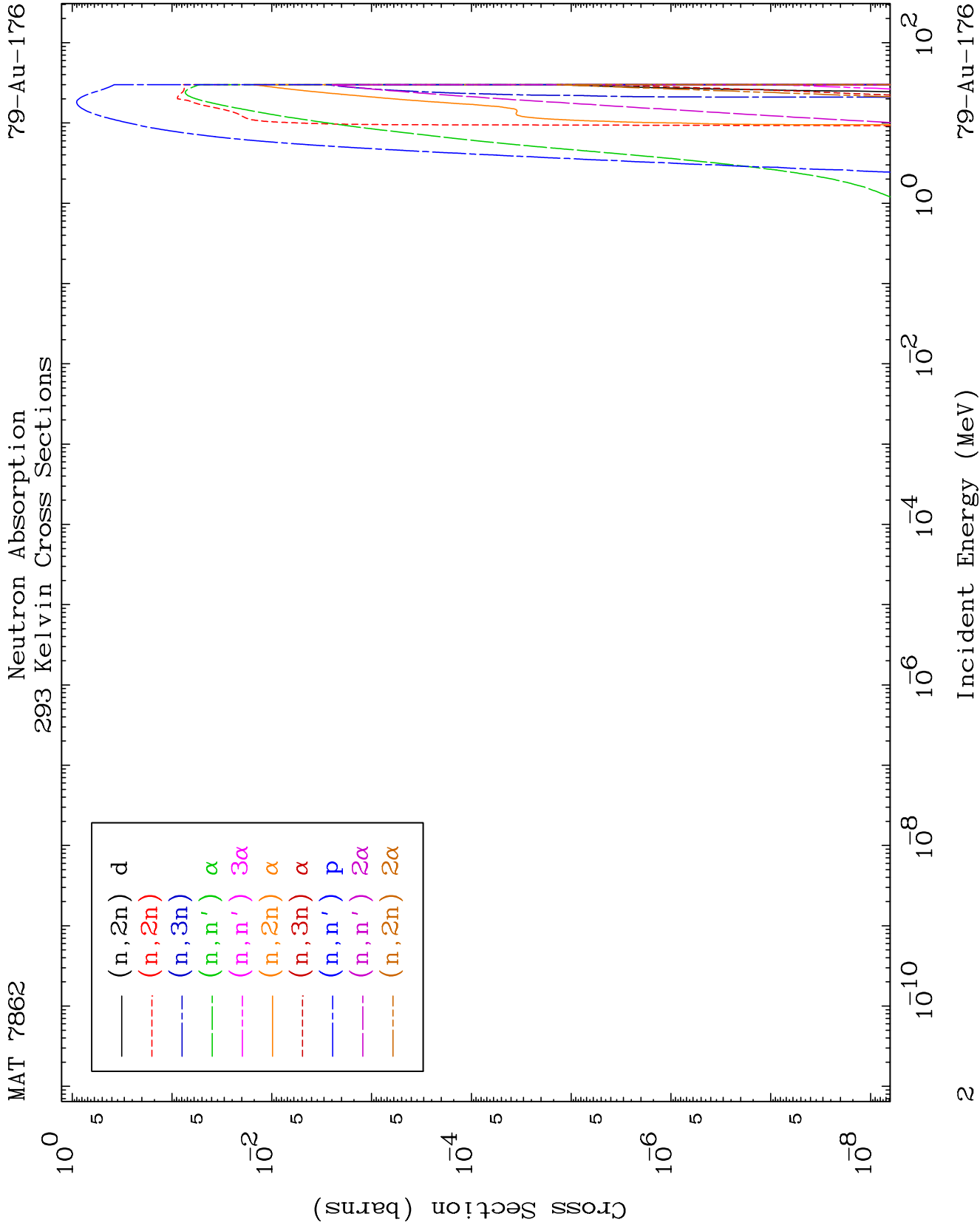
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

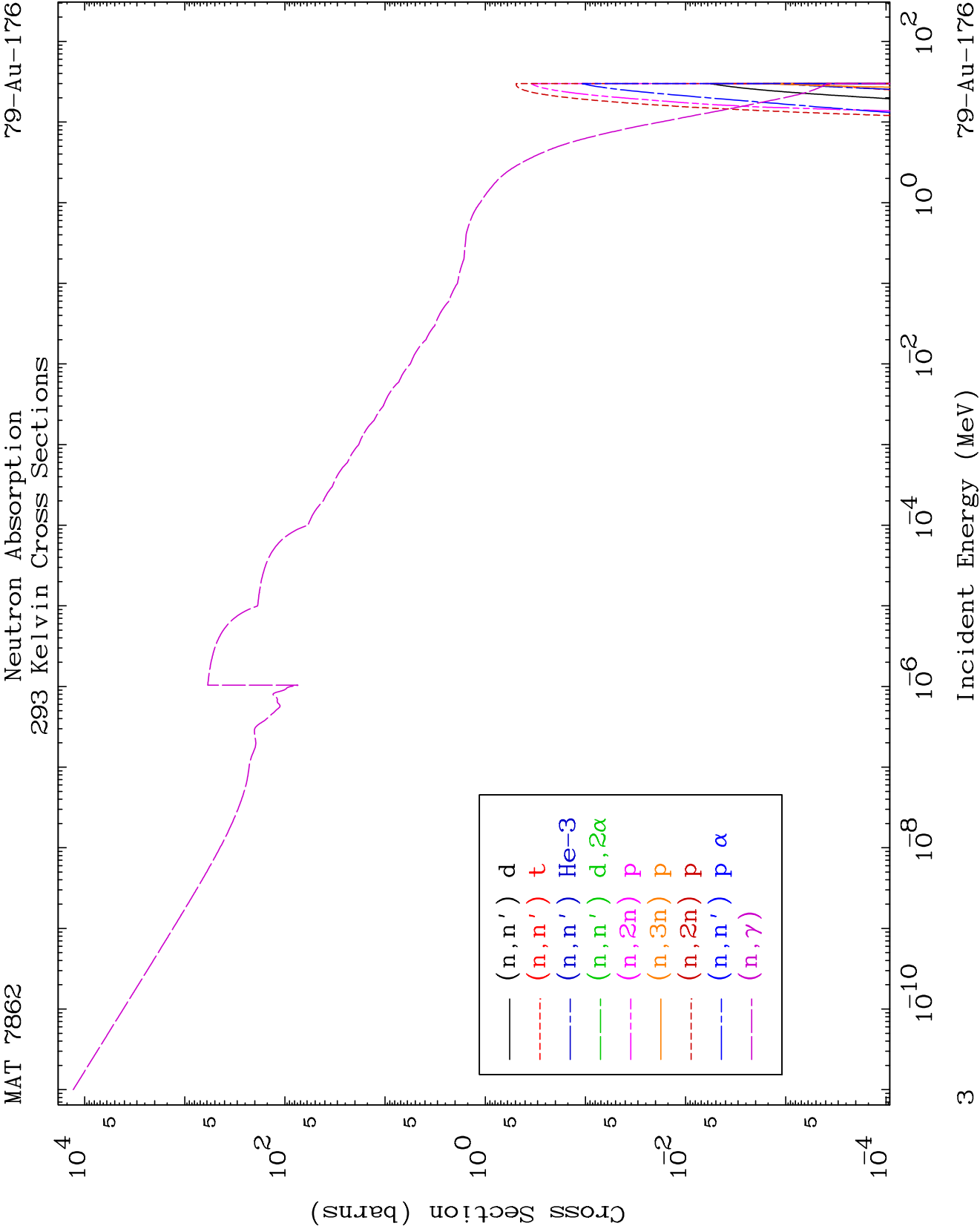
Tele: 925-443-1911

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

Press Mouse Button to Start



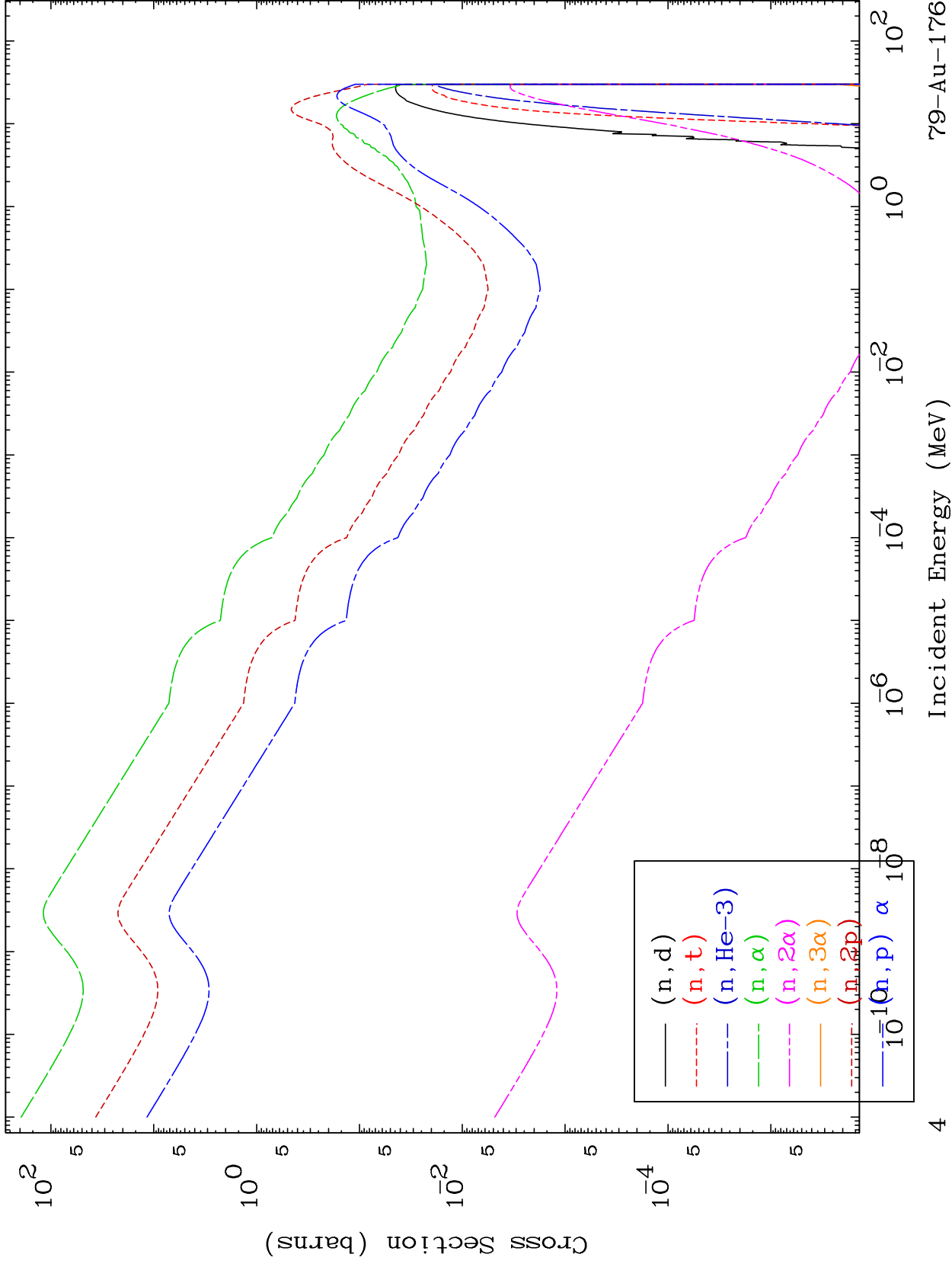


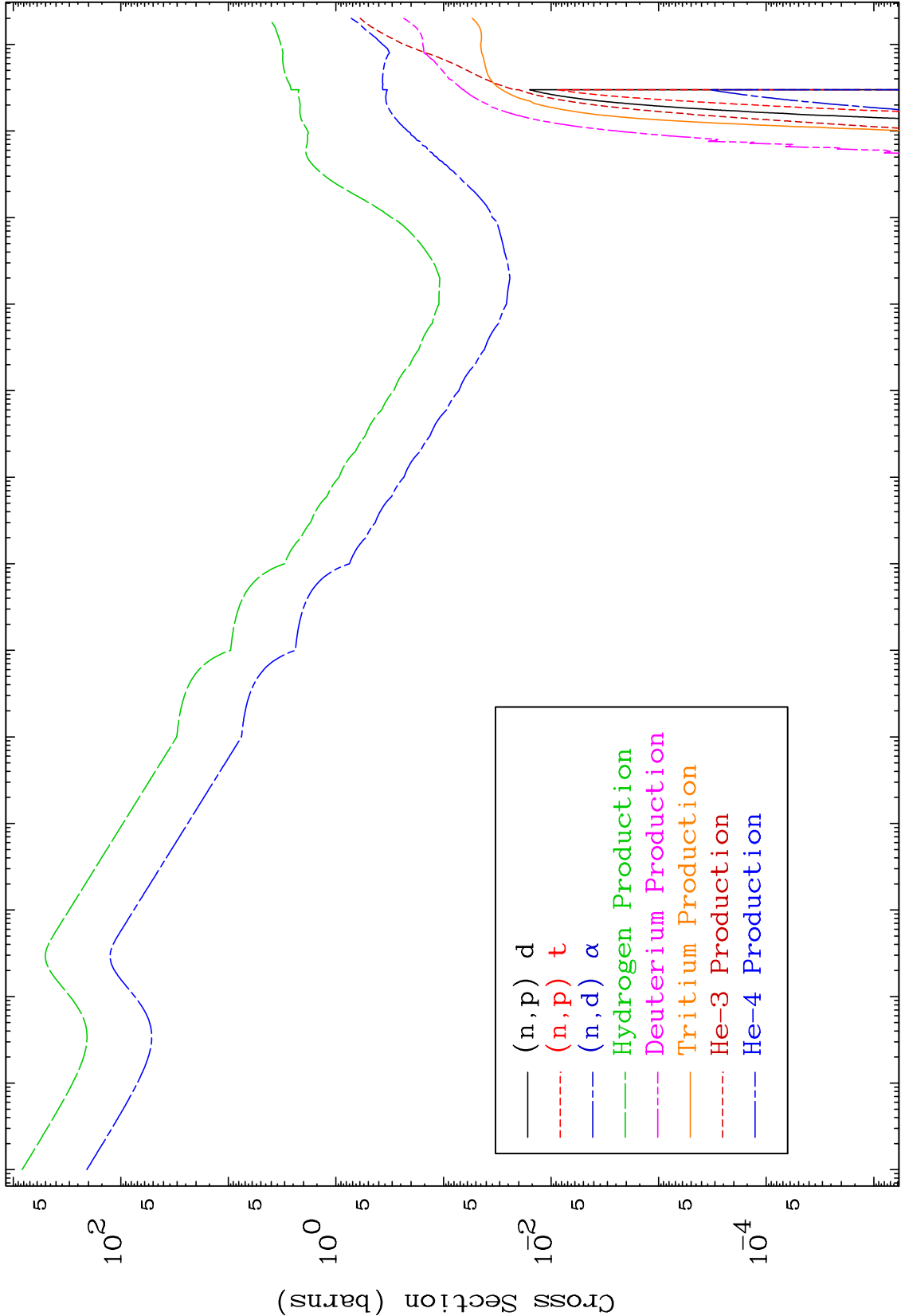


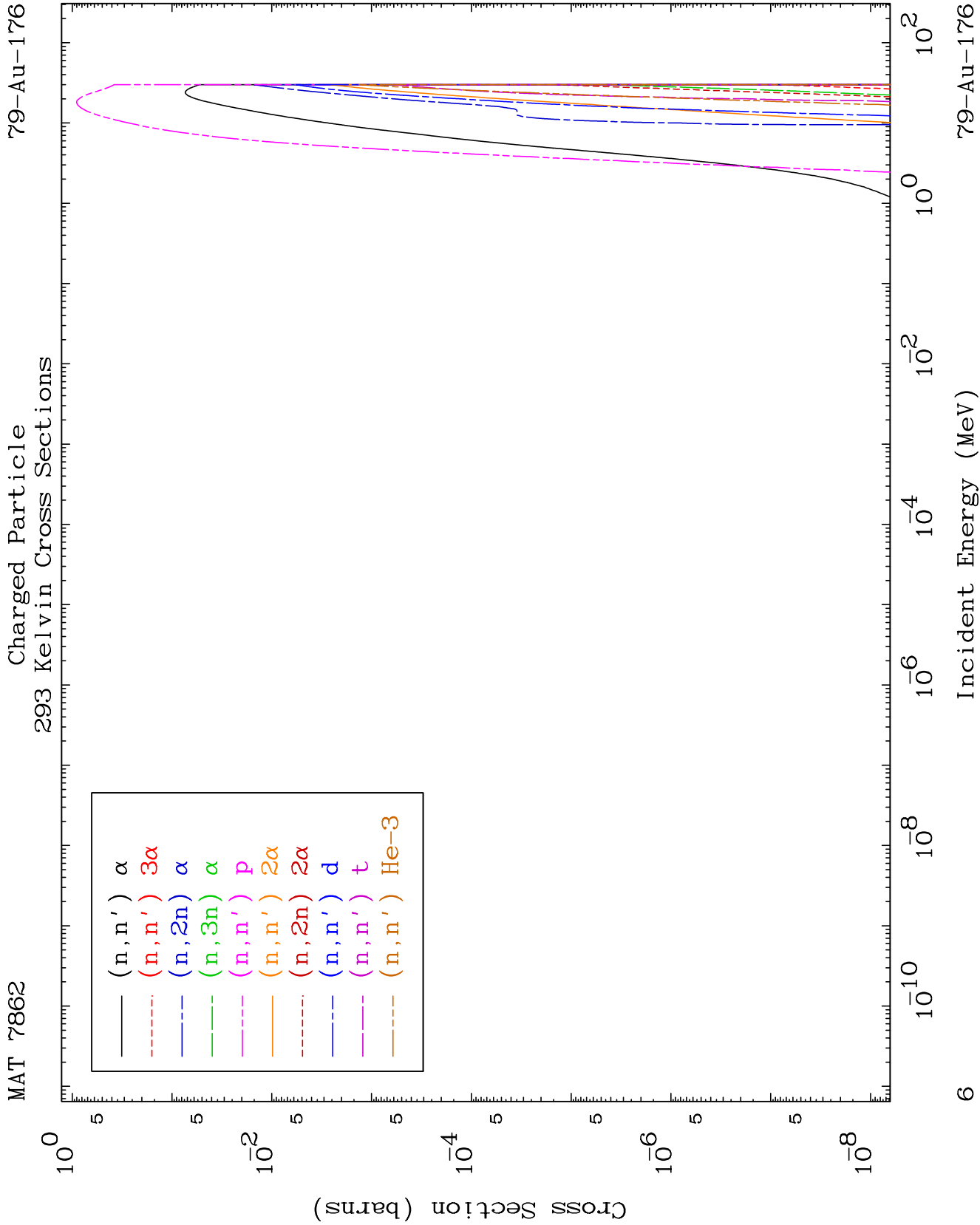
MAT 7862

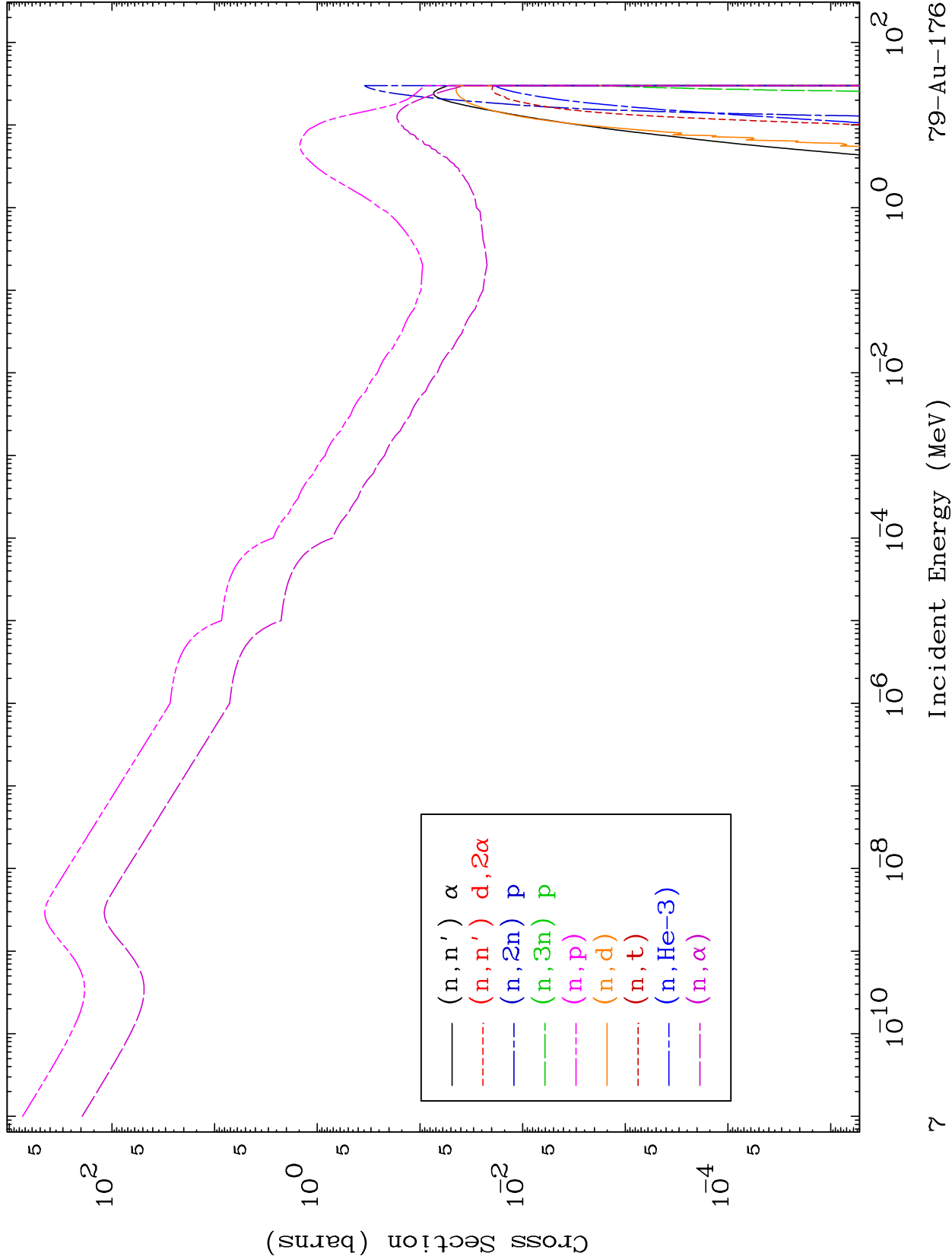
Neutron Absorption
293 Kelvin Cross Sections

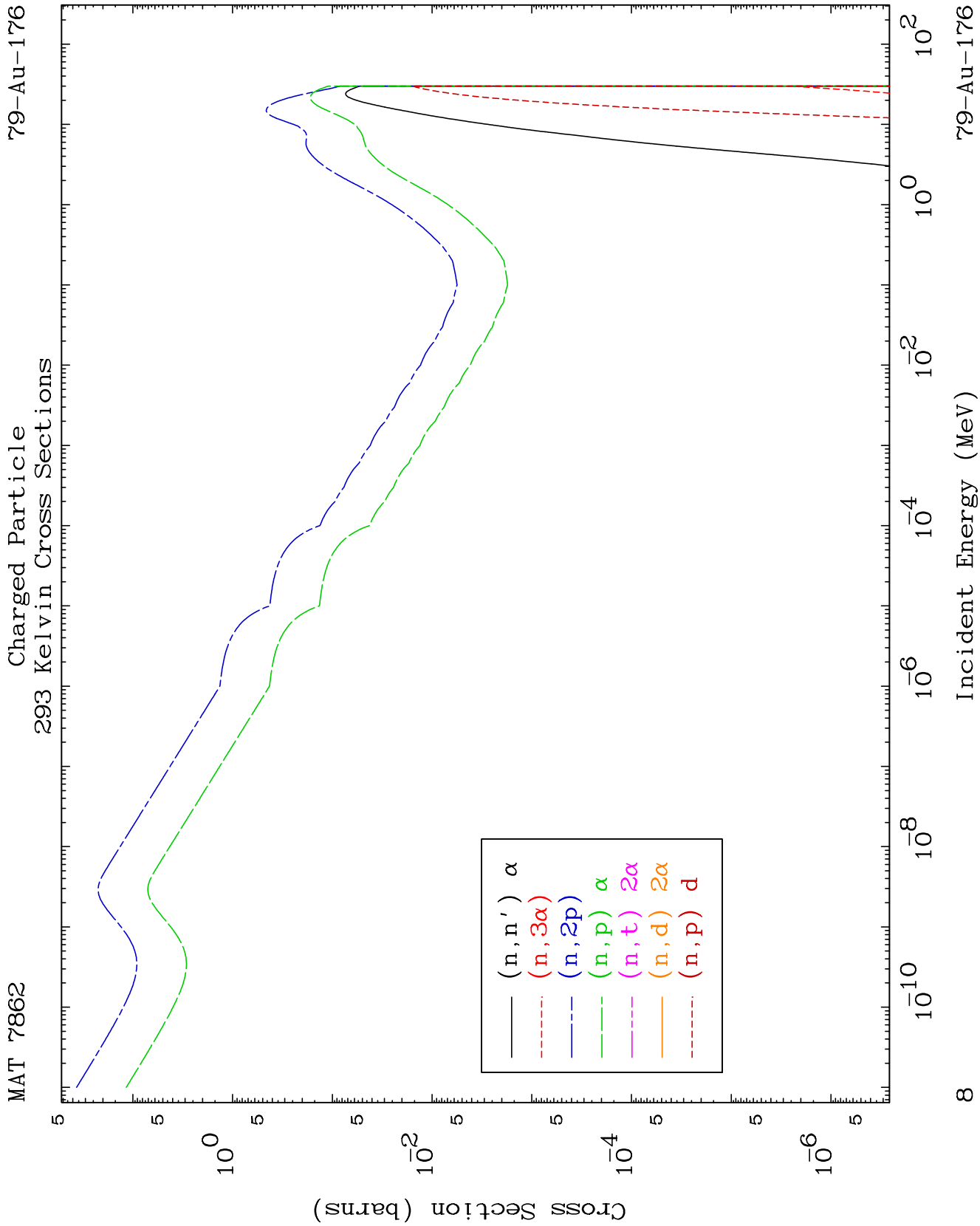
79-Au-176

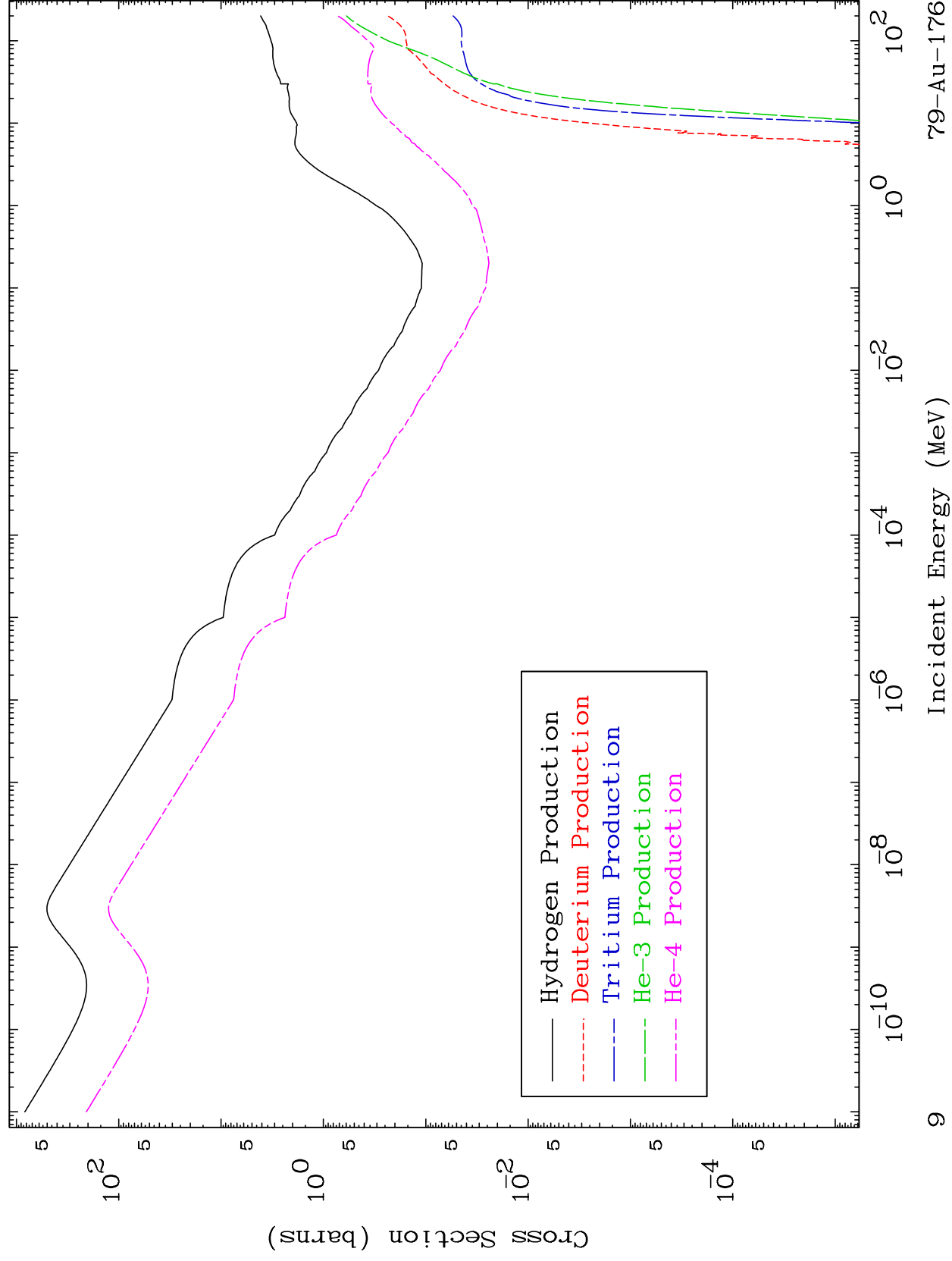










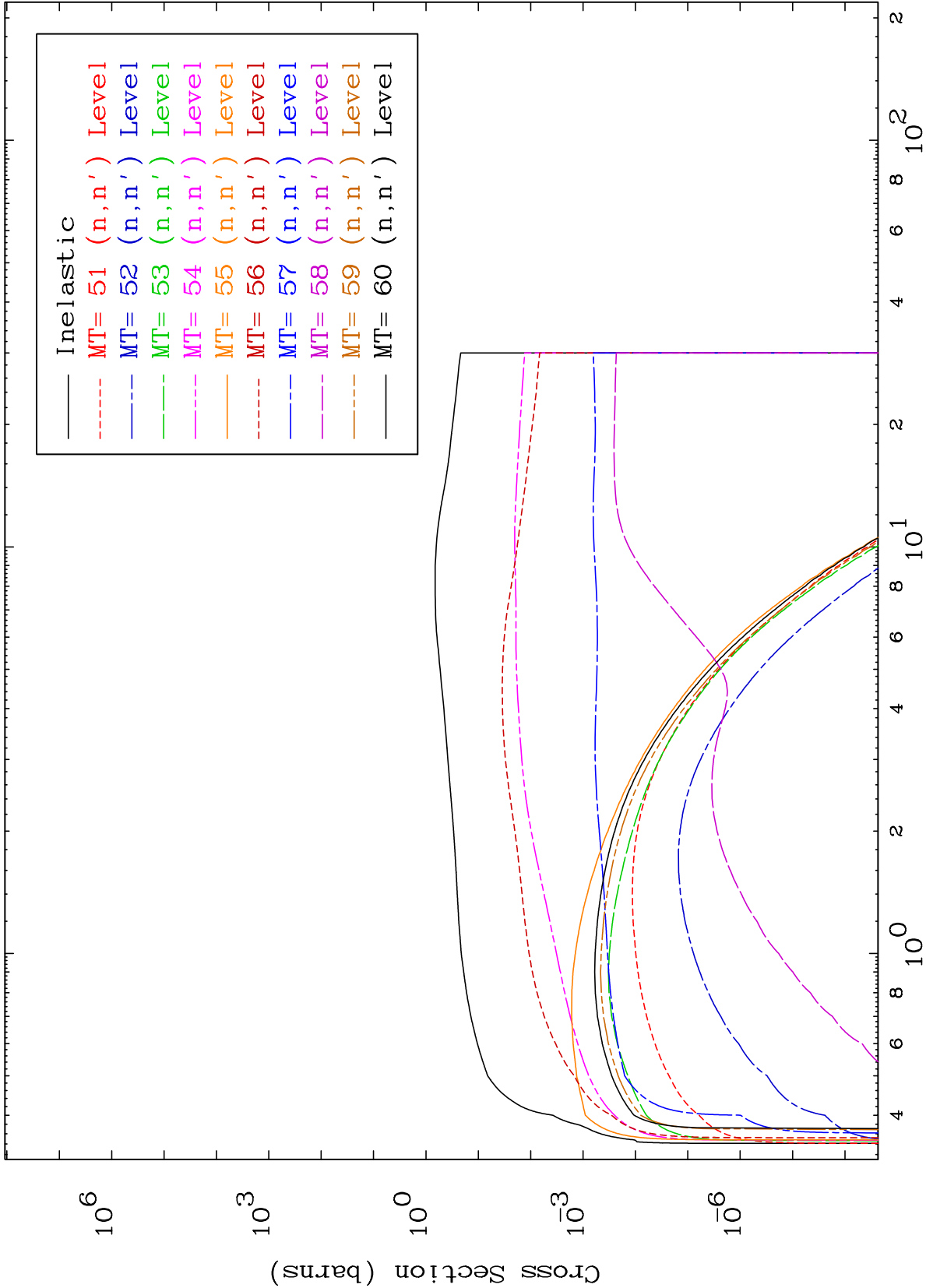


MAT 7862

(n,n') Levels

79-Au-176

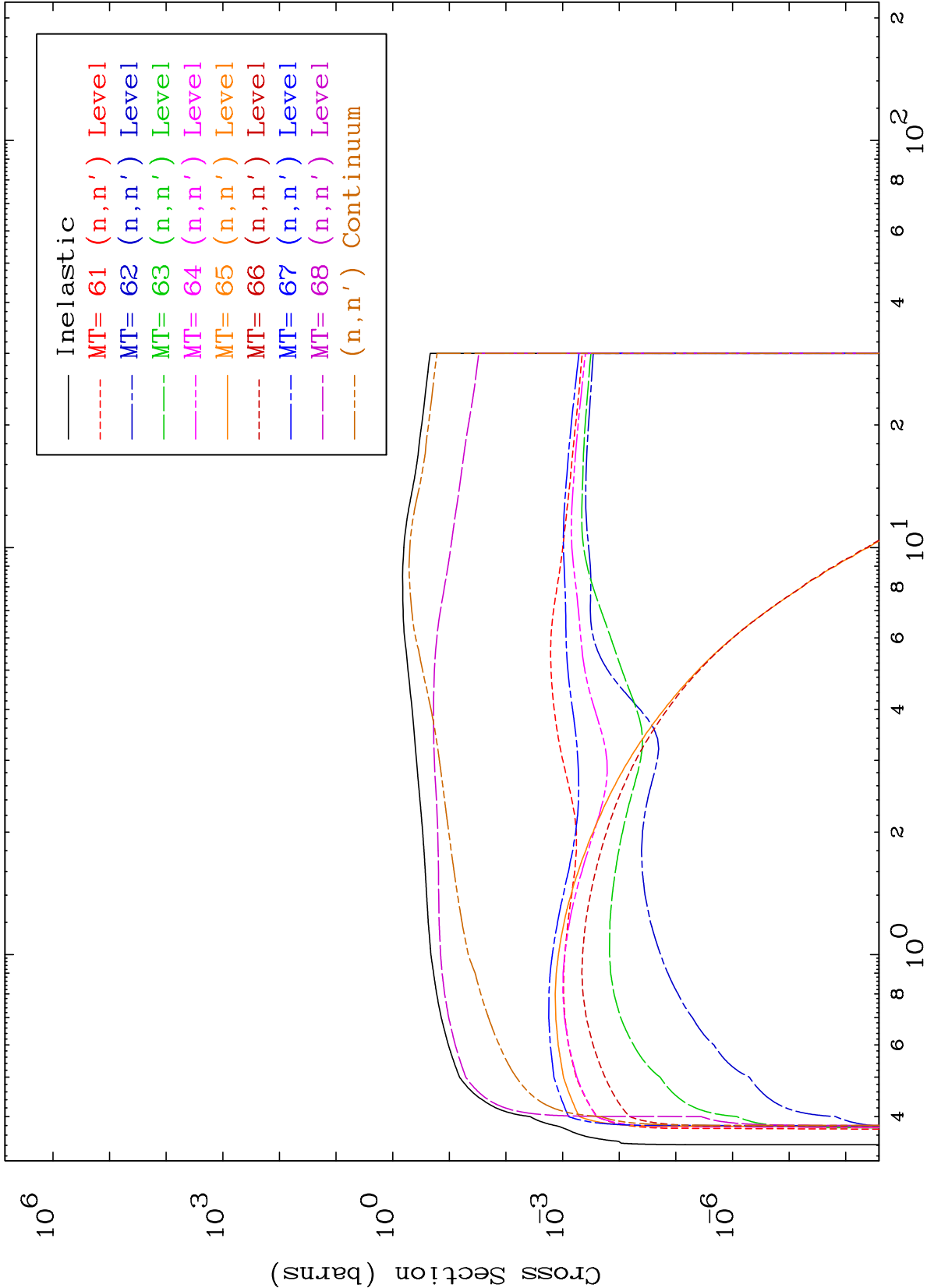
293 Kelvin Cross Sections



10

Incident Energy (MeV)

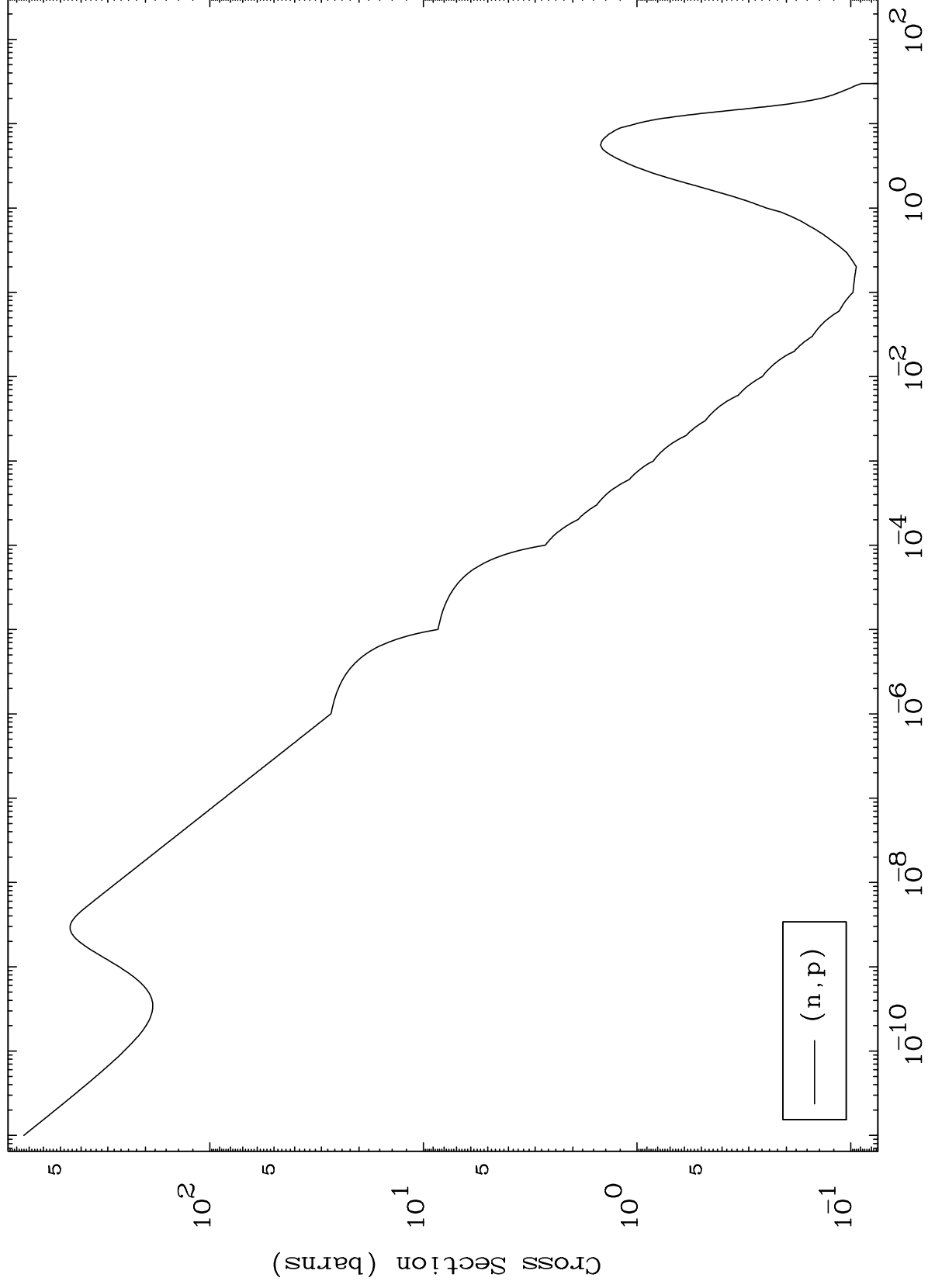
79-Au-176



MAT 7862

79-Au-176

(n,p) Levels
293 Kelvin Cross Sections



79-Au-176

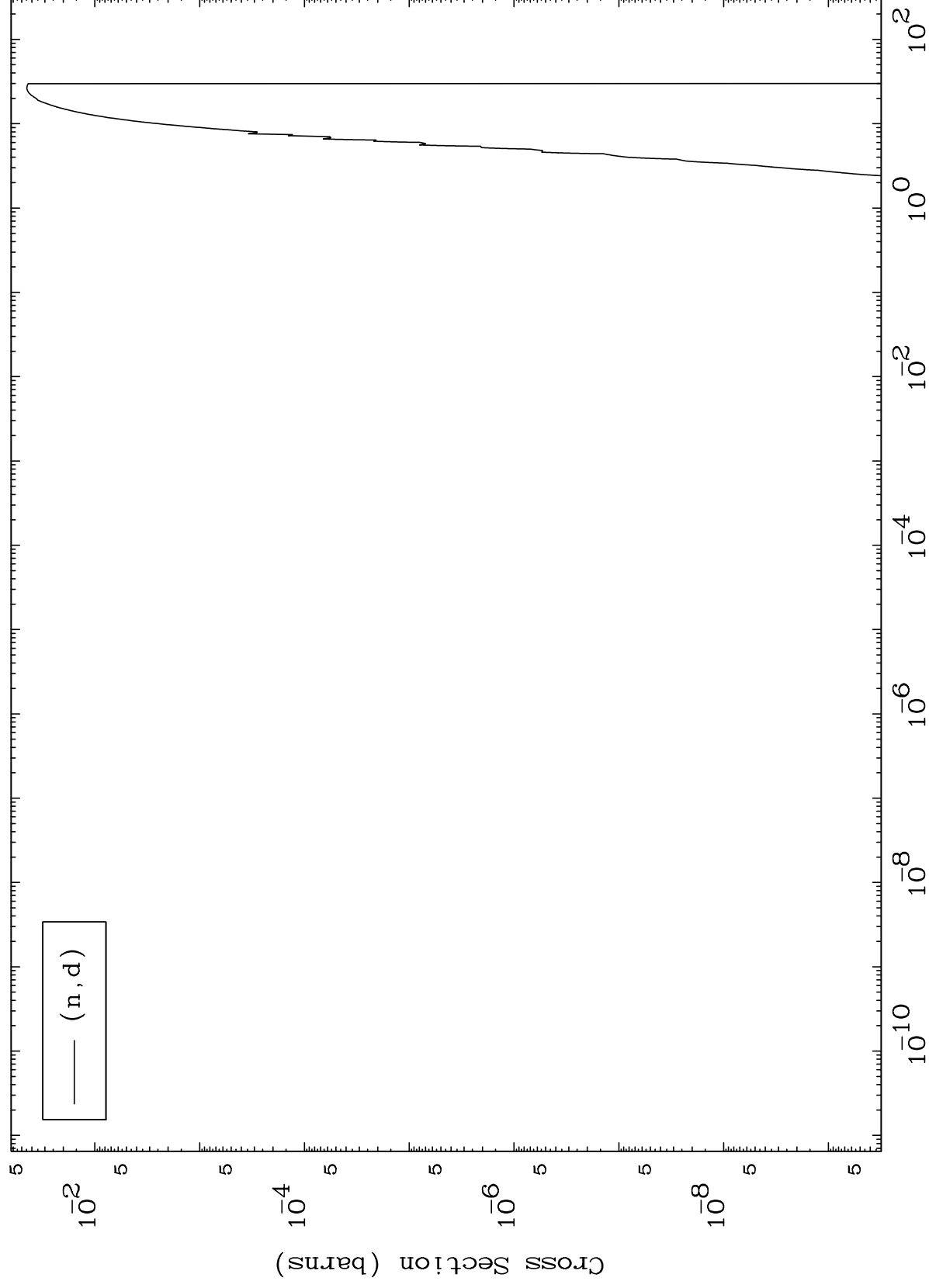
Incident Energy (MeV)

12

MAT 7862

(n,d) Levels
293 Kelvin Cross Sections

79-Au-176



13

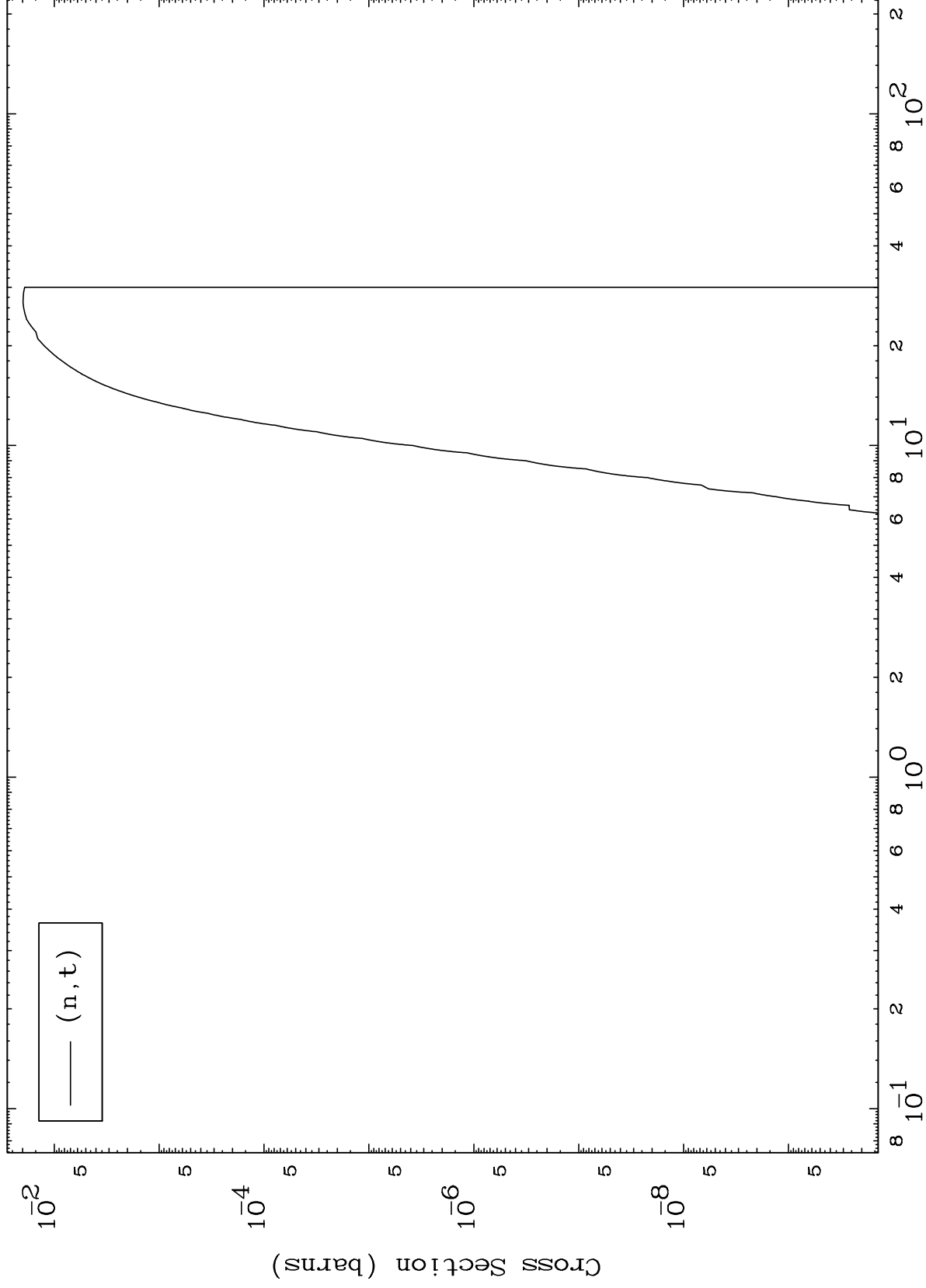
Incident Energy (MeV)

79-Au-176

MAT 7862

79-Au-176

(n,t) Levels
293 Kelvin Cross Sections



79-Au-176

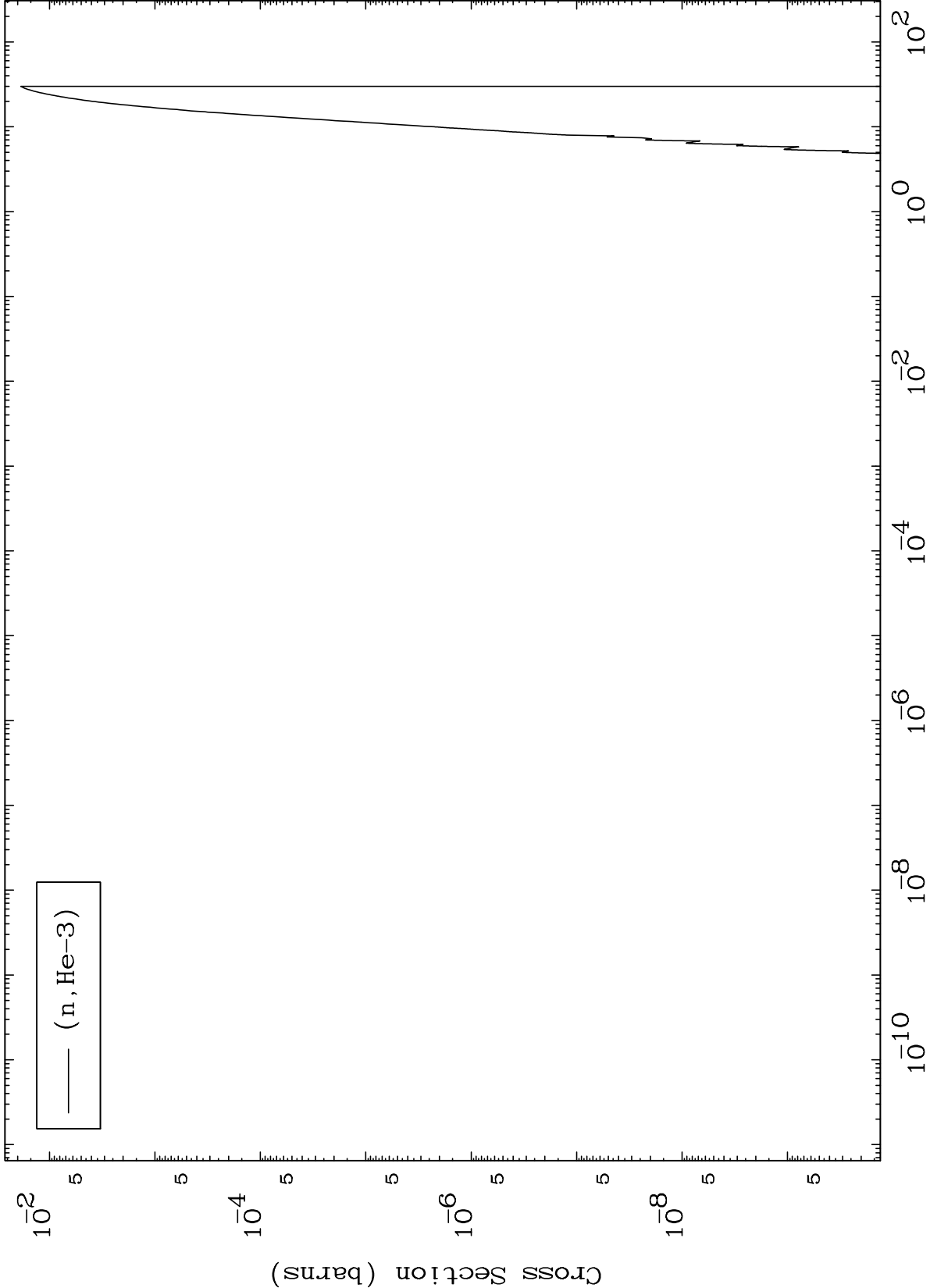
Incident Energy (MeV)

14

MAT 7862

(n,He3) Levels
293 Kelvin Cross Sections

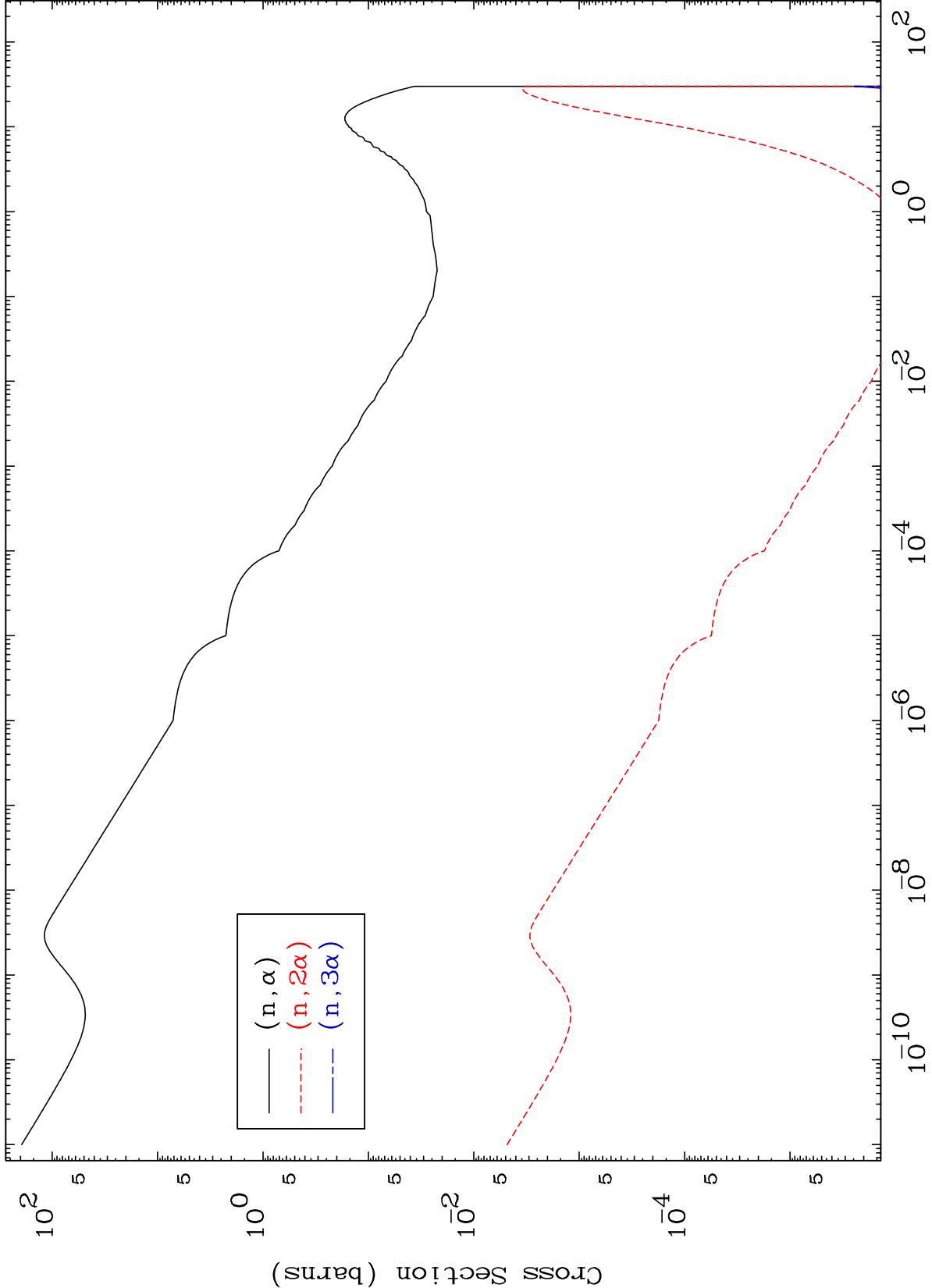
79-Au-176



15

Incident Energy (MeV)

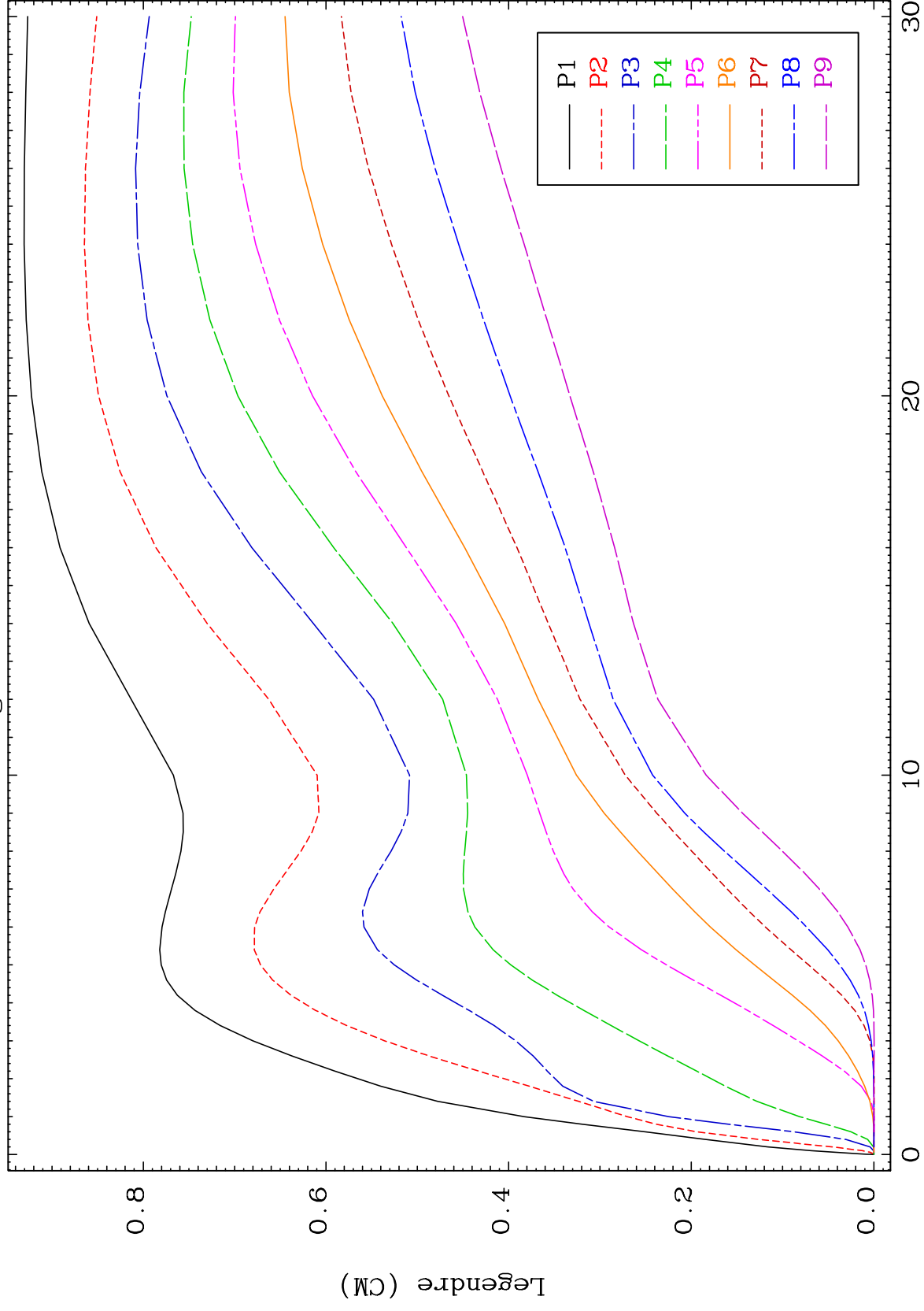
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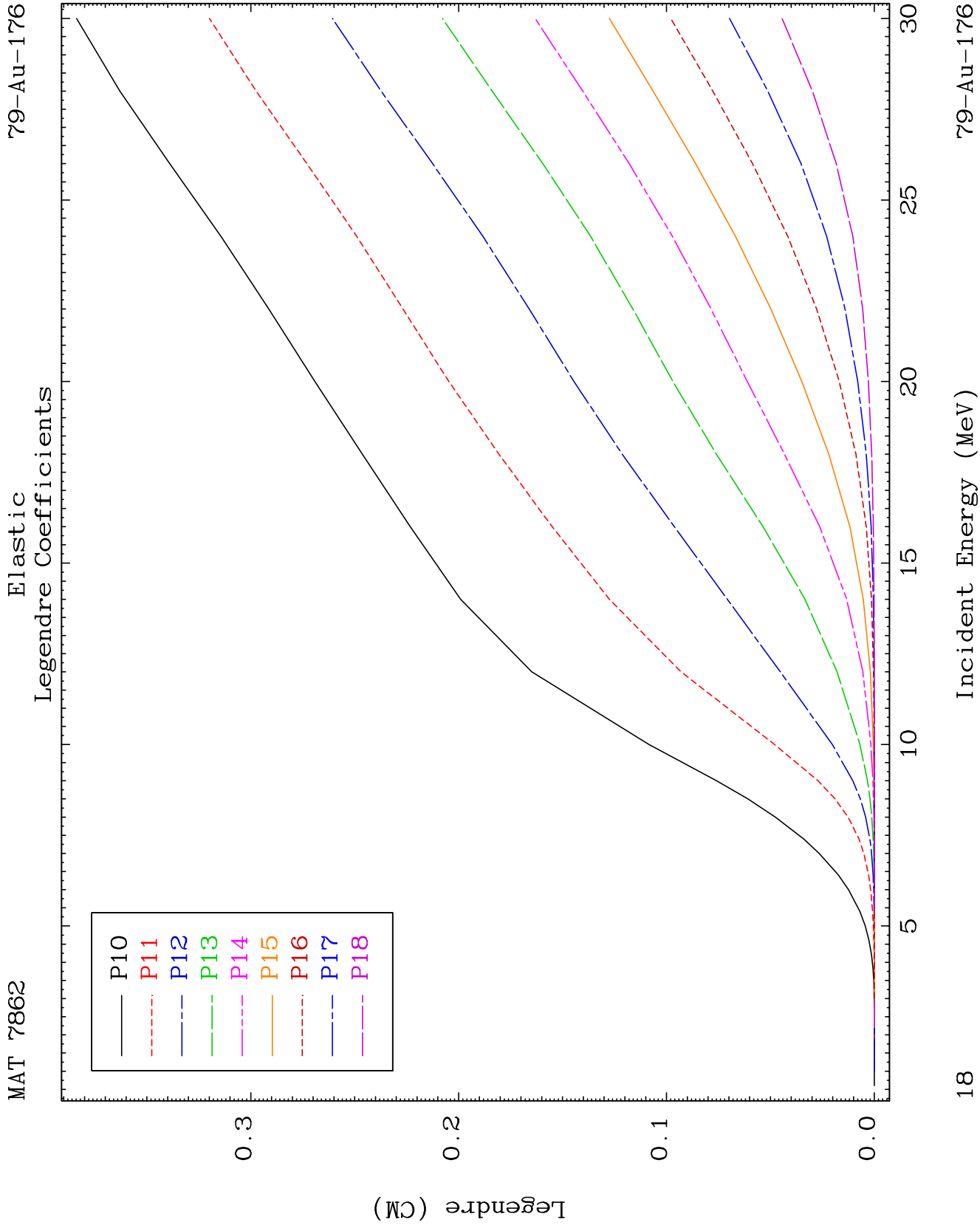


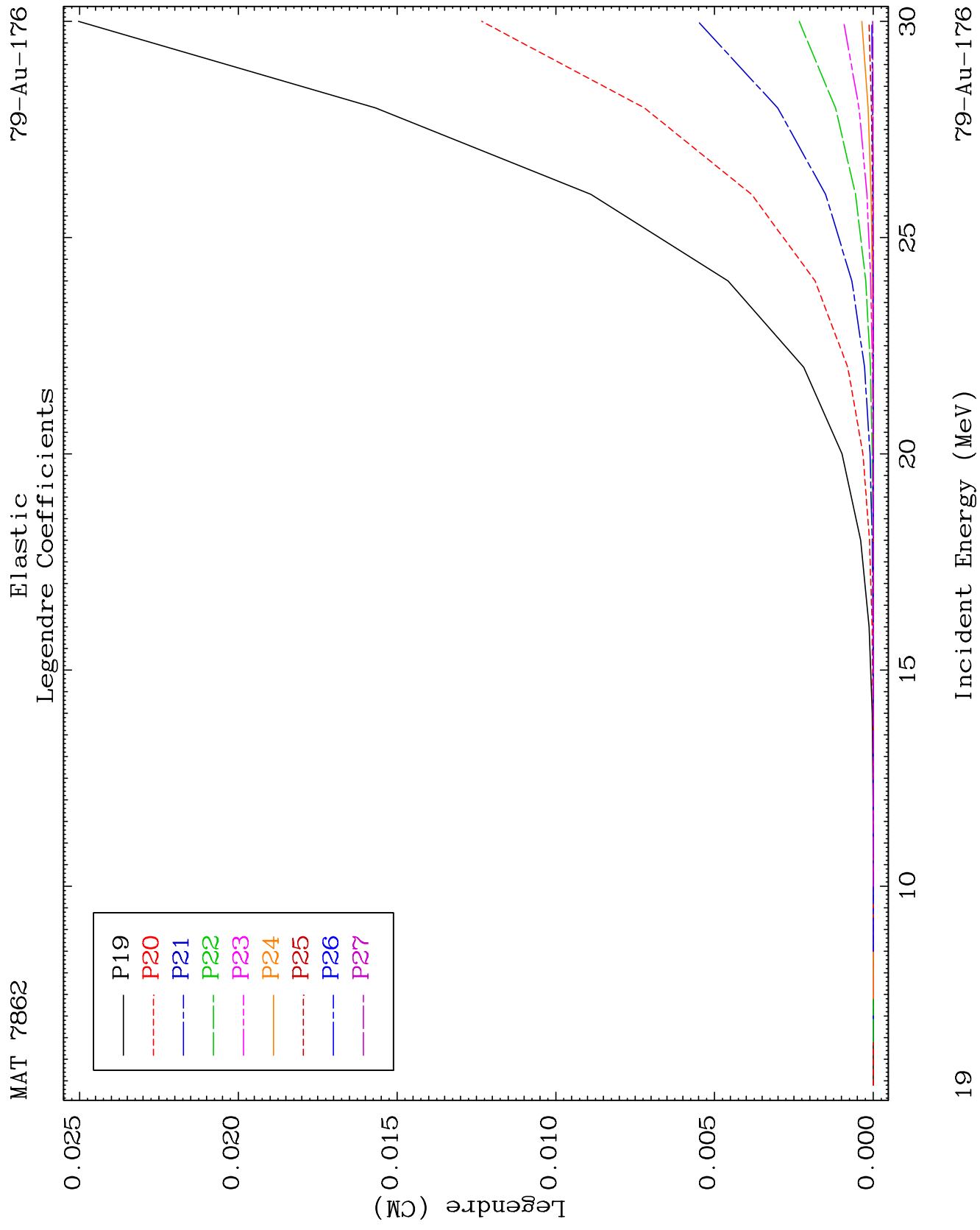
MAT 7862

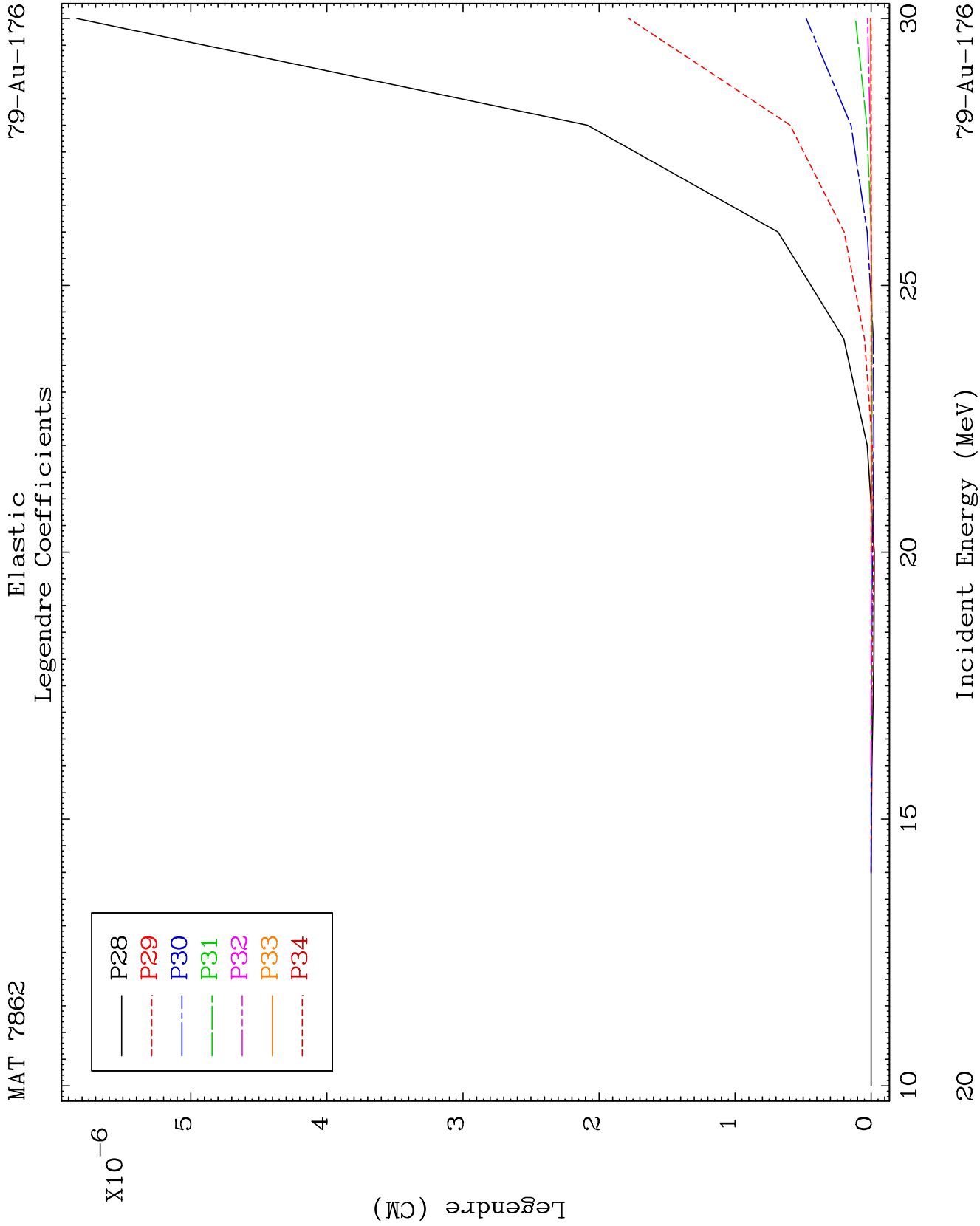
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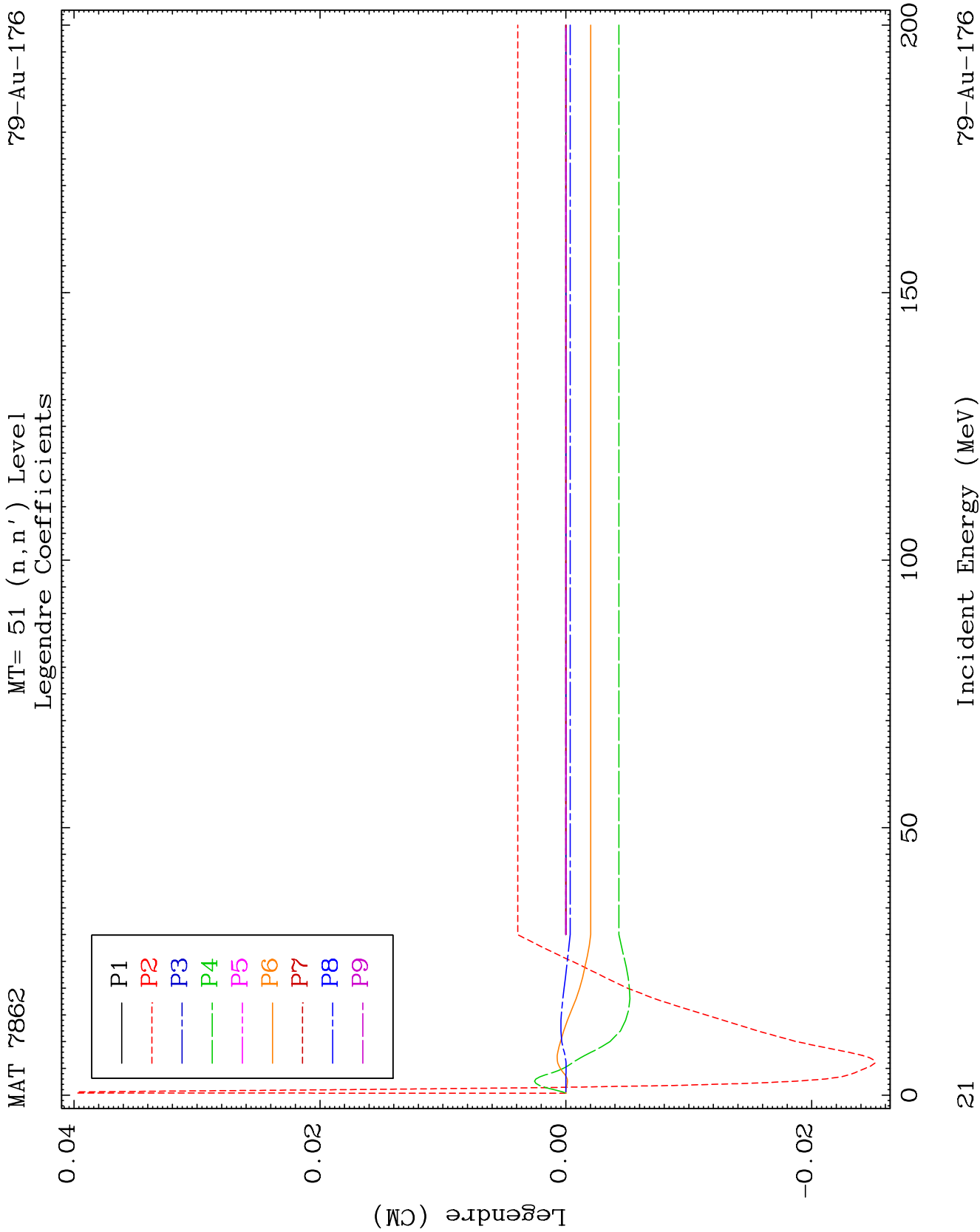
Elastic Legendre Coefficients

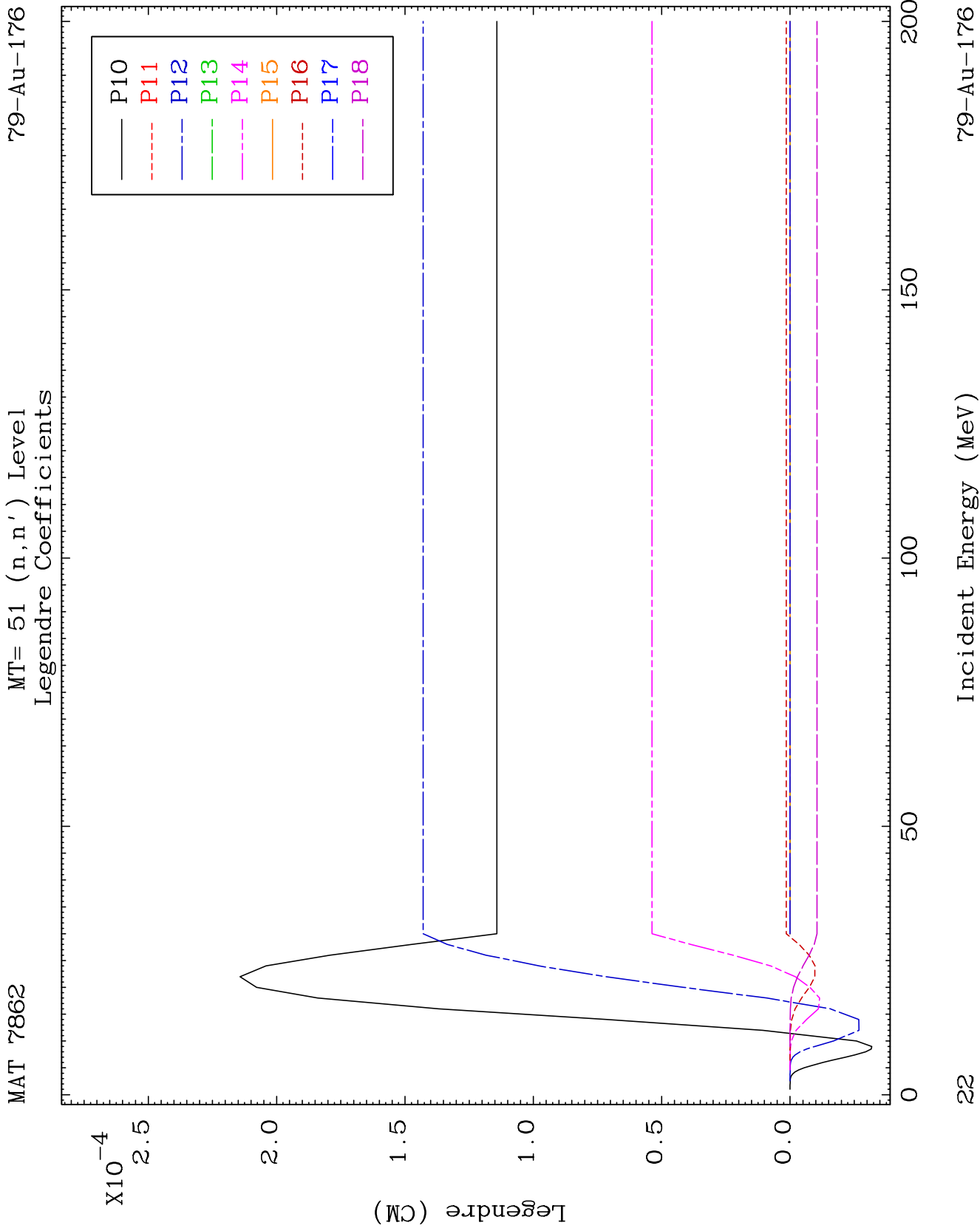


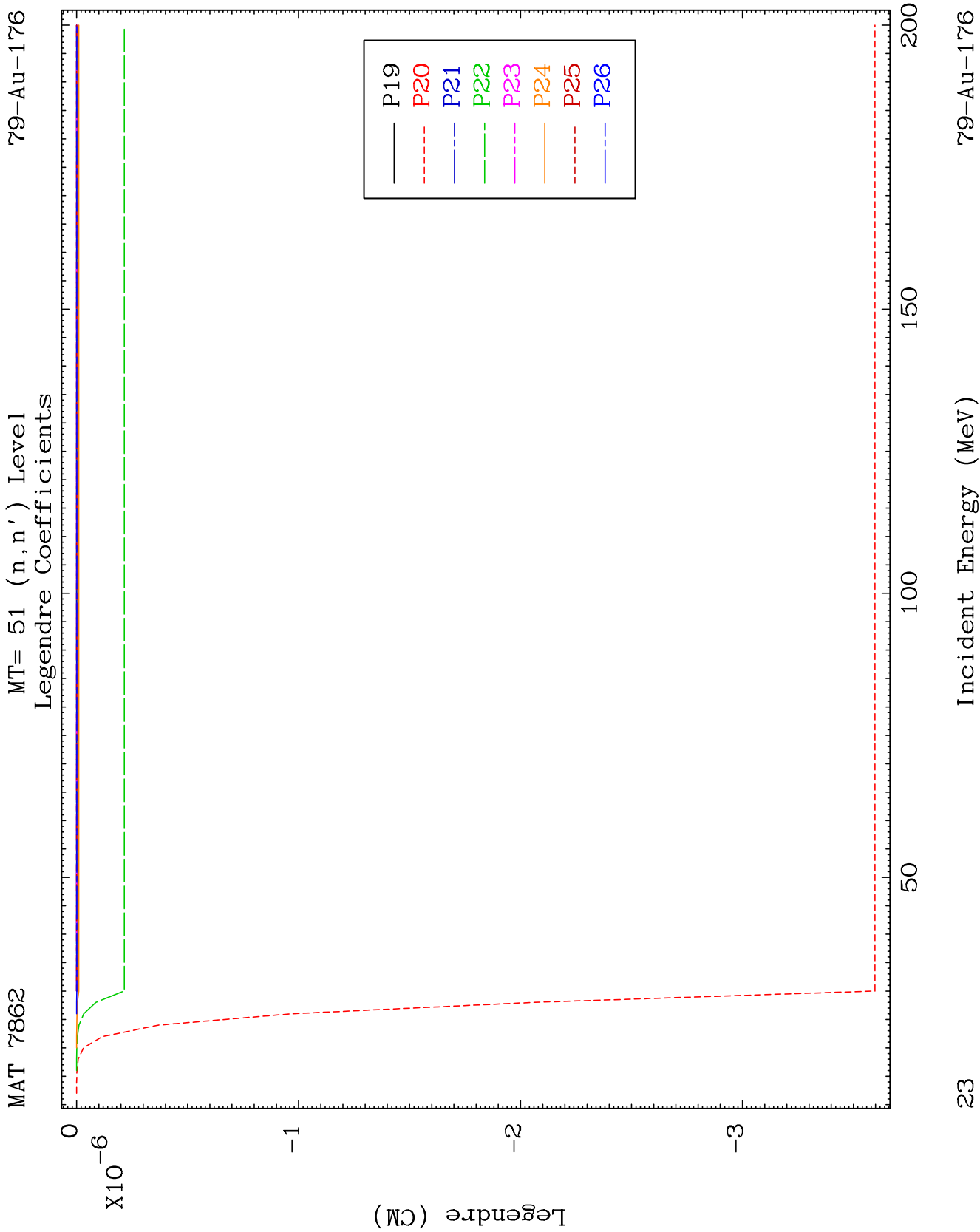


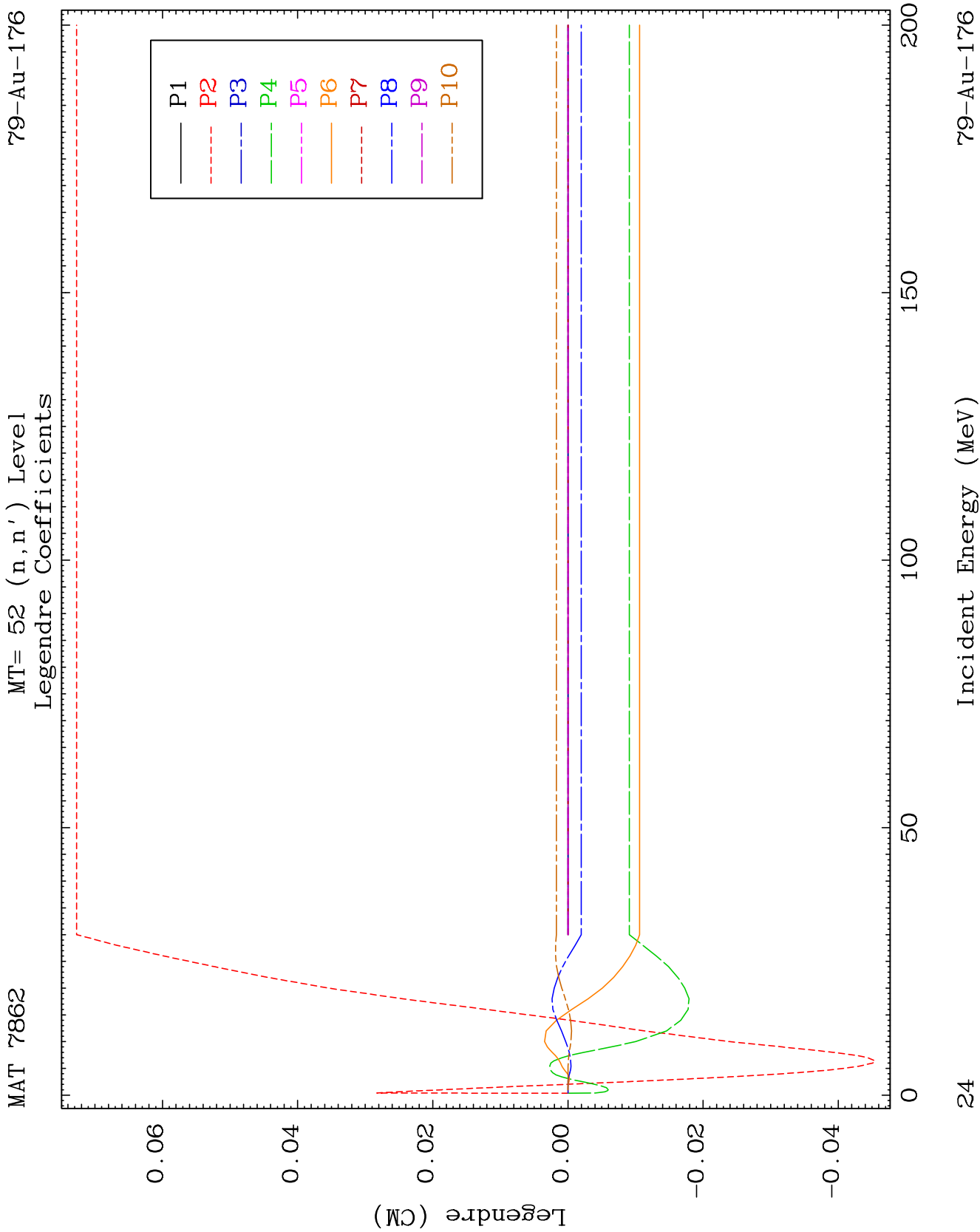


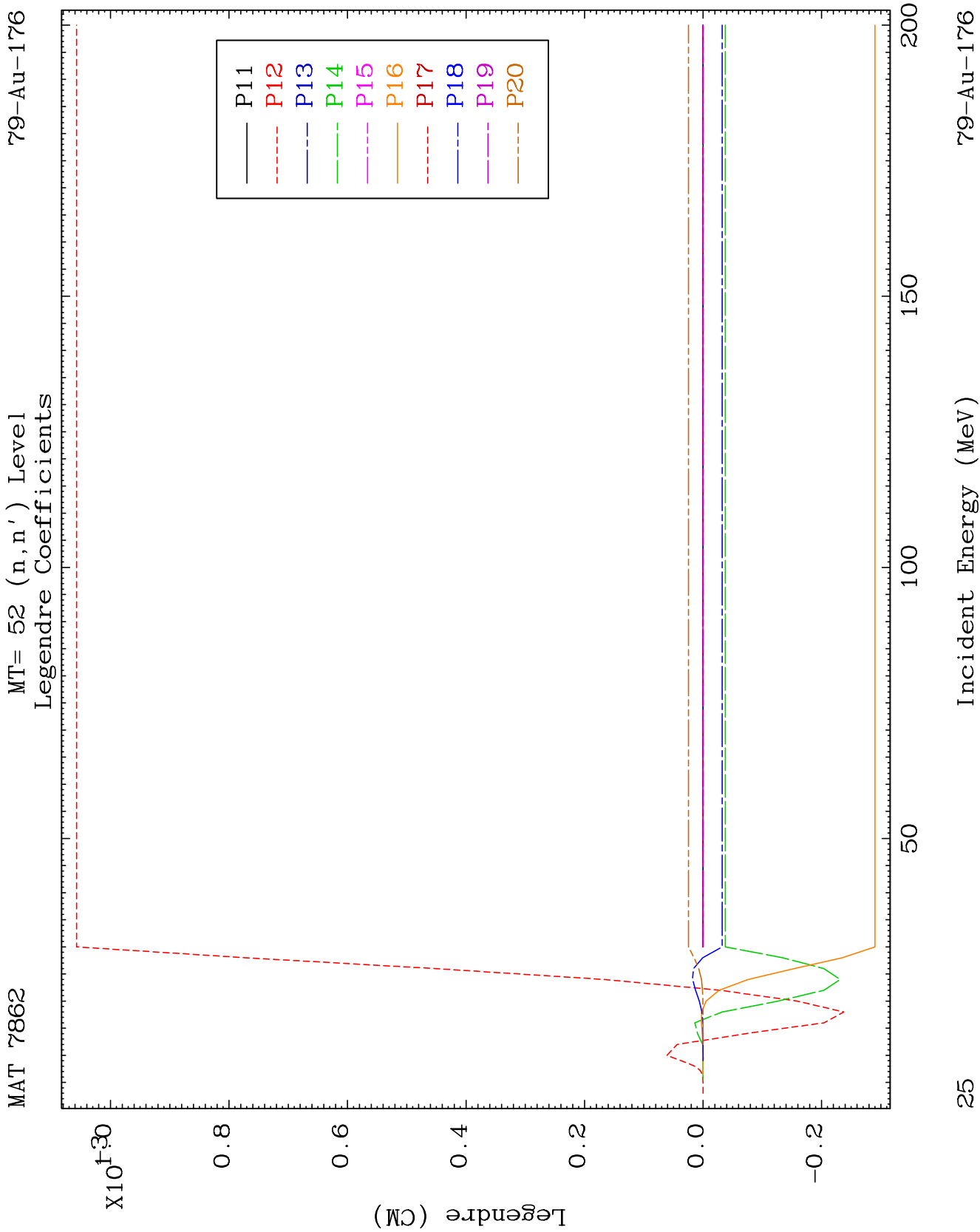


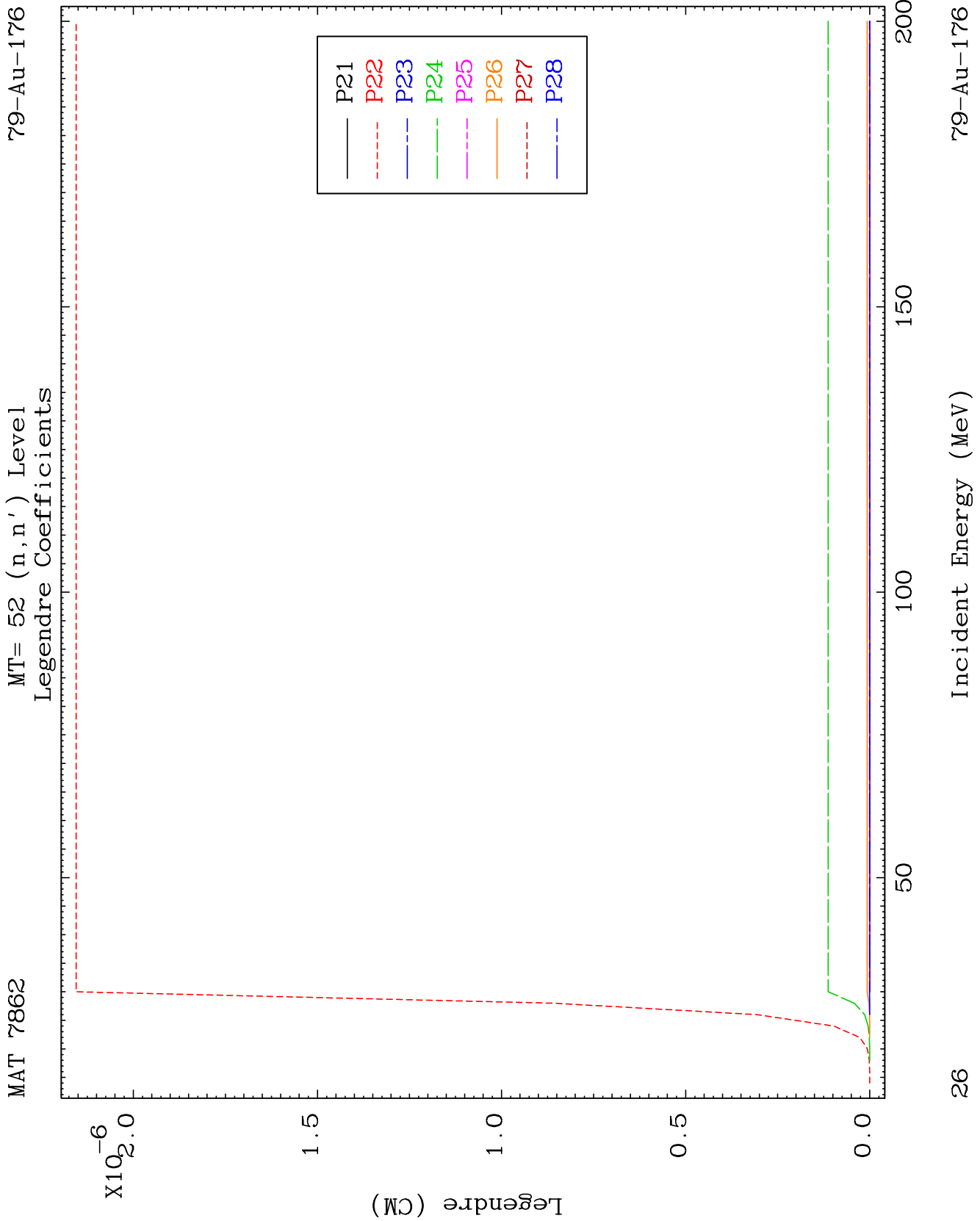


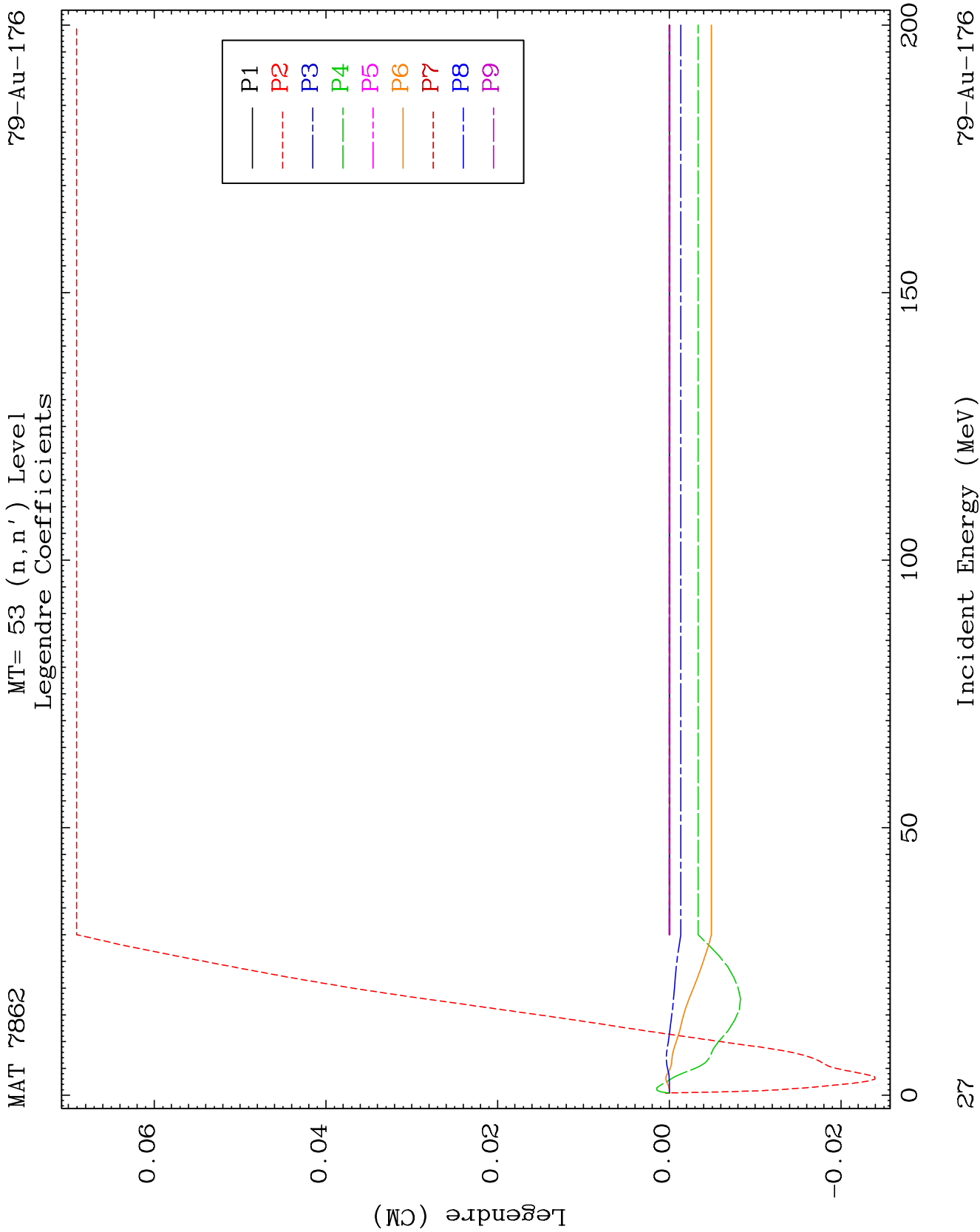


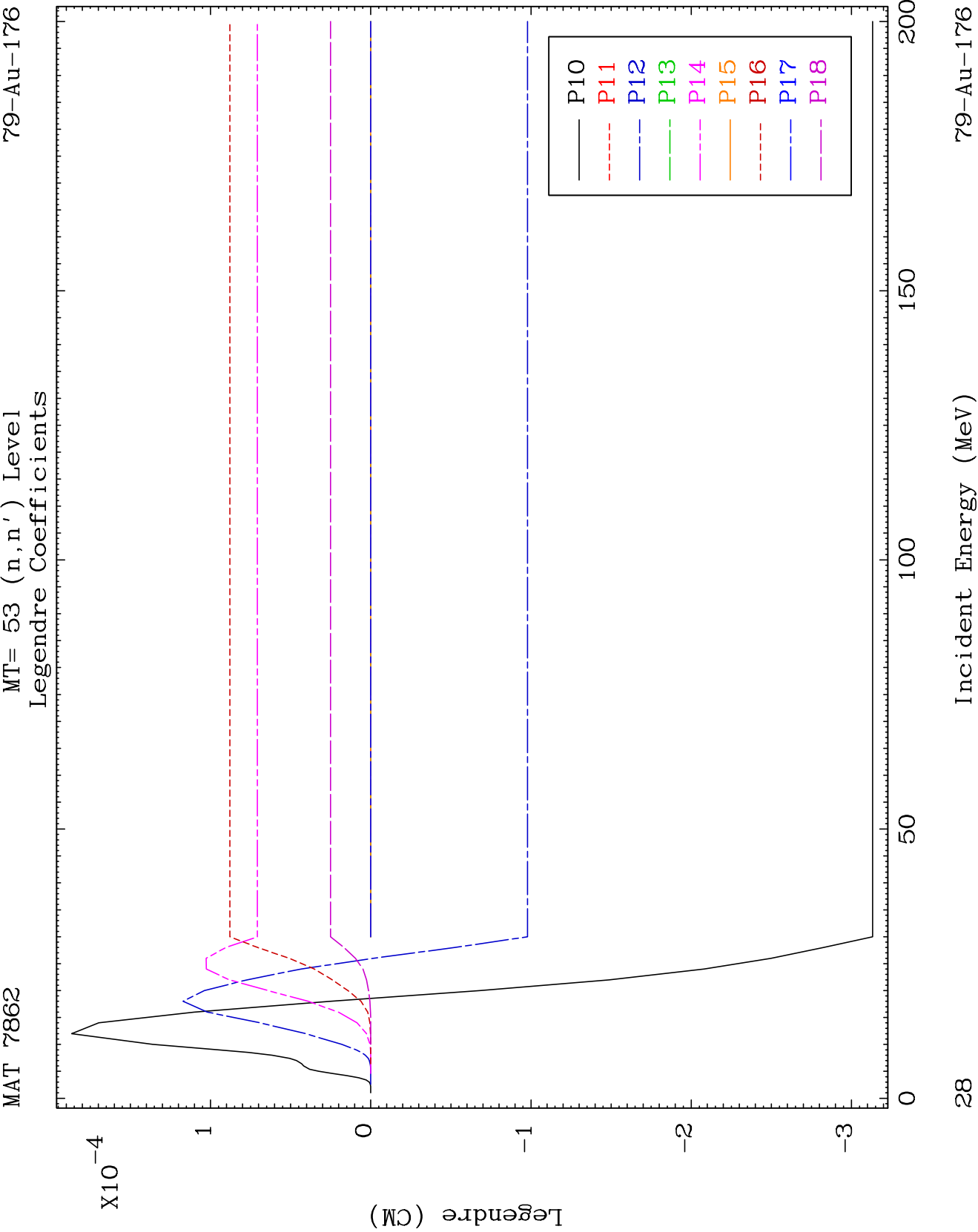


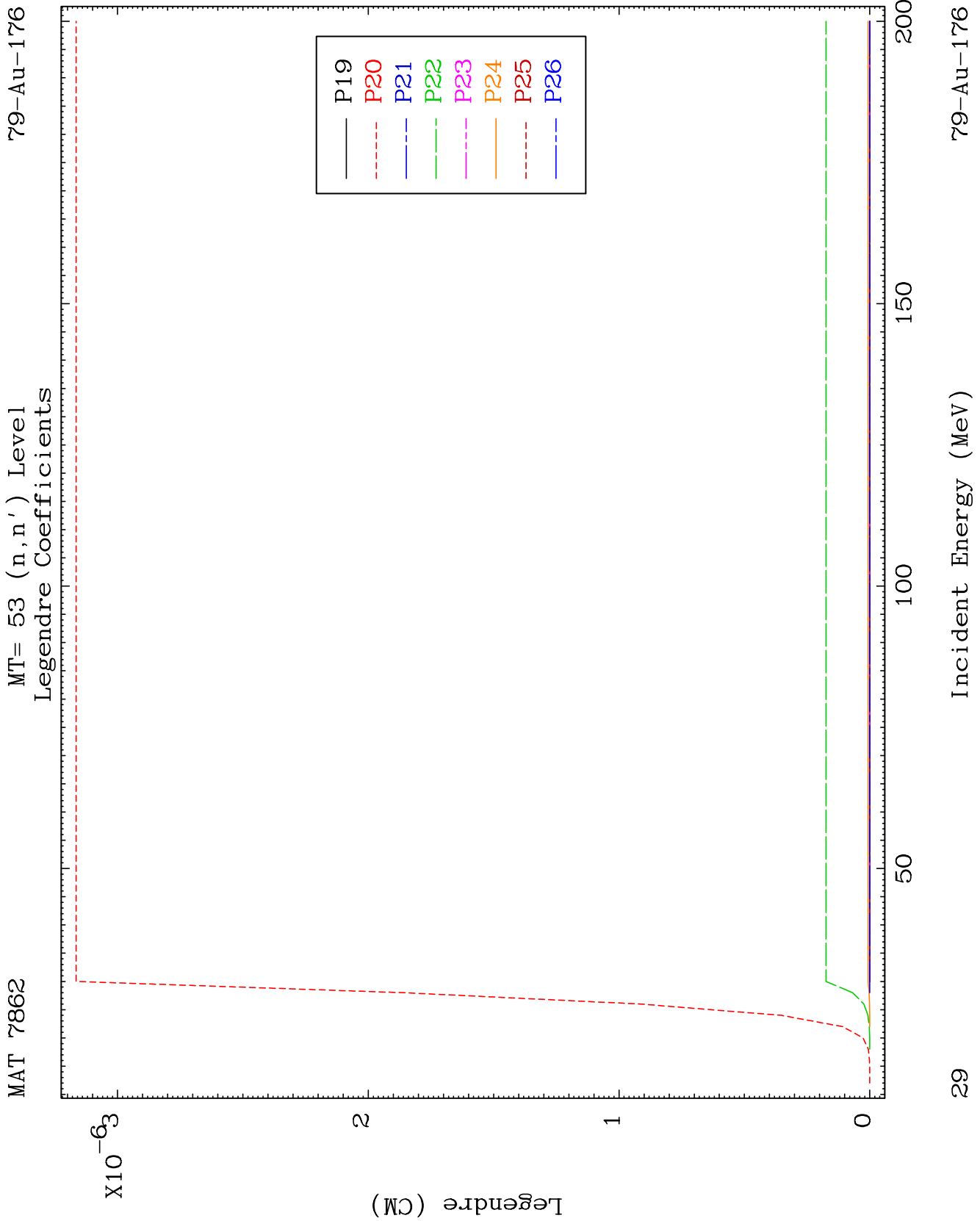


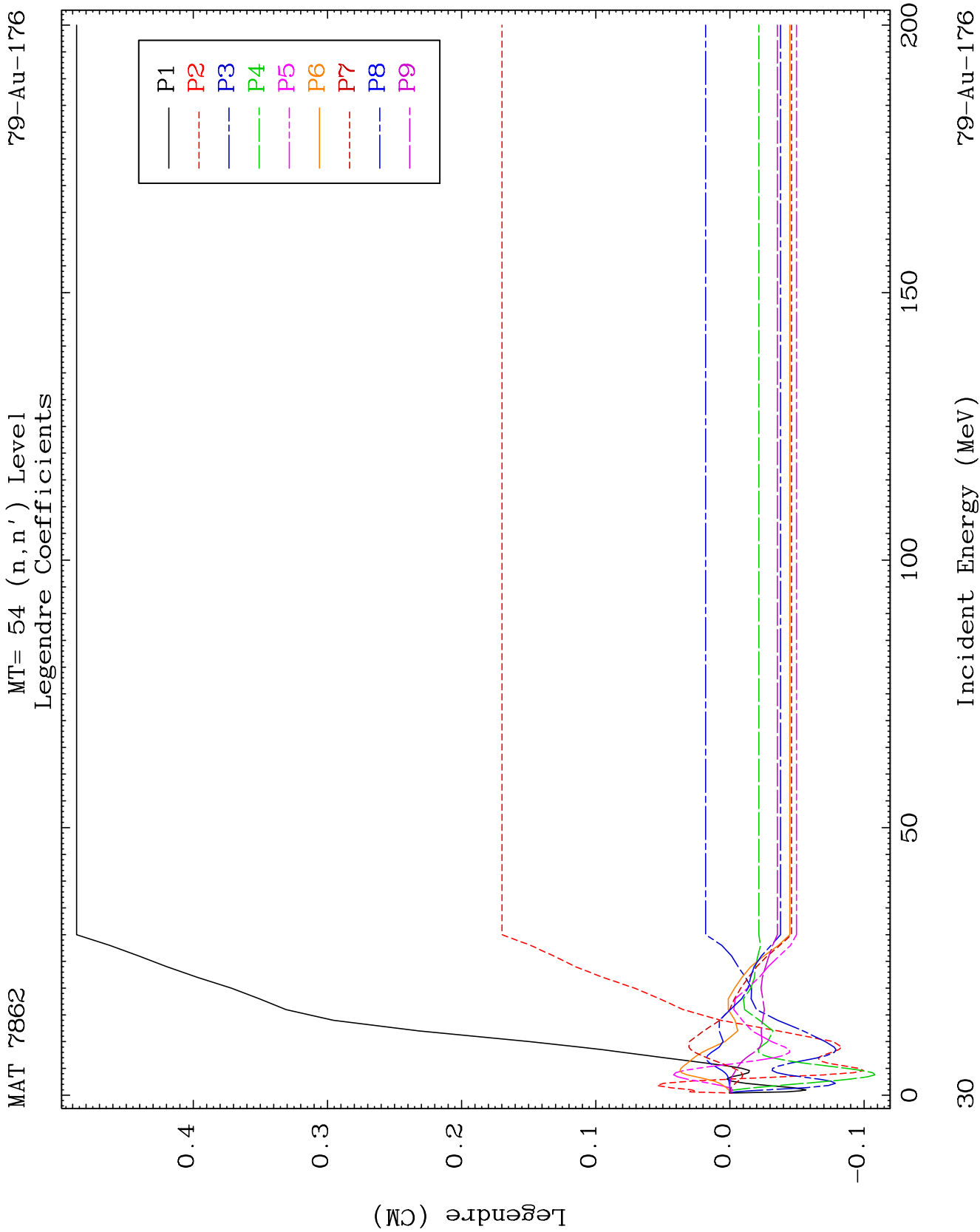








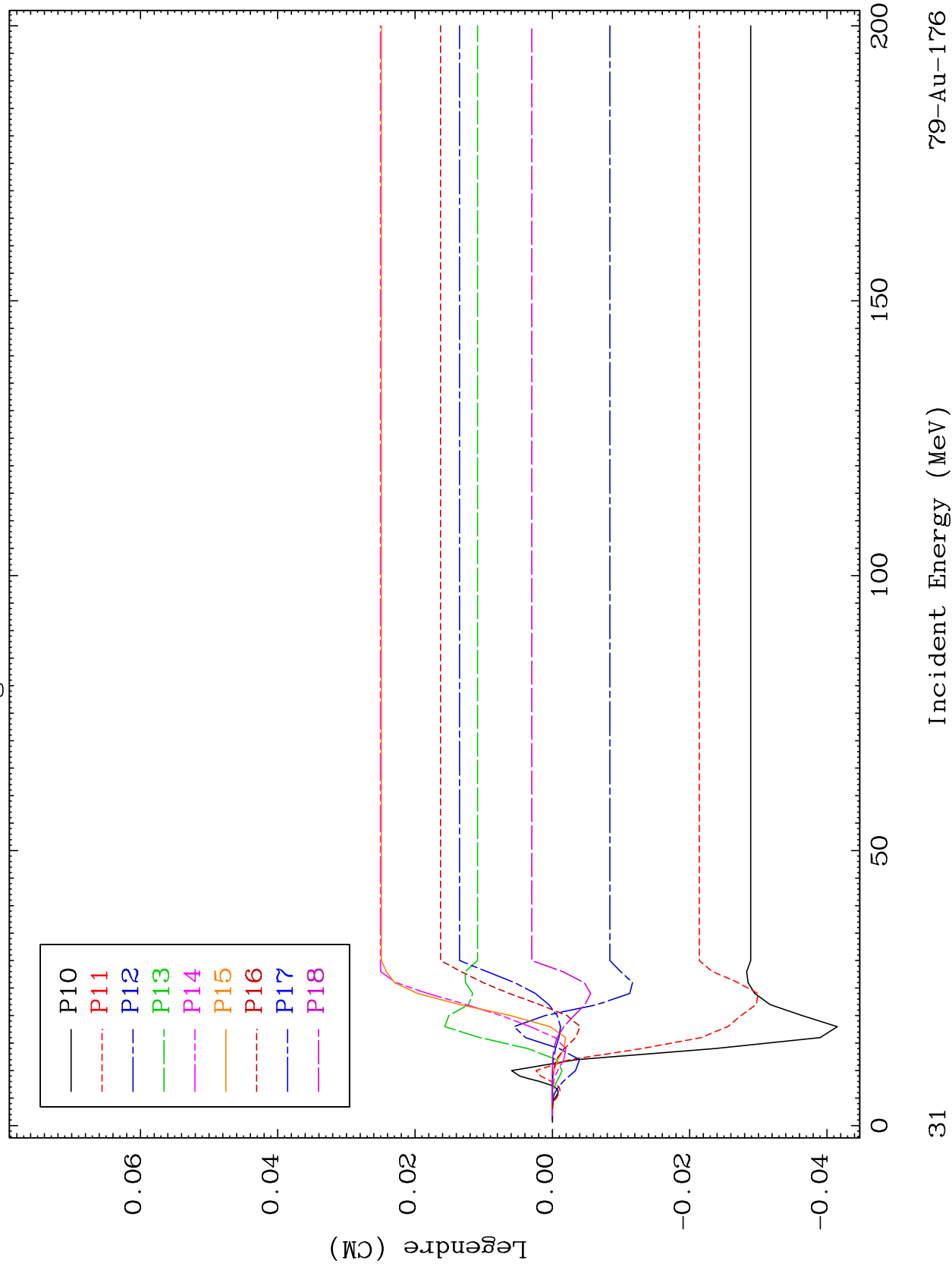


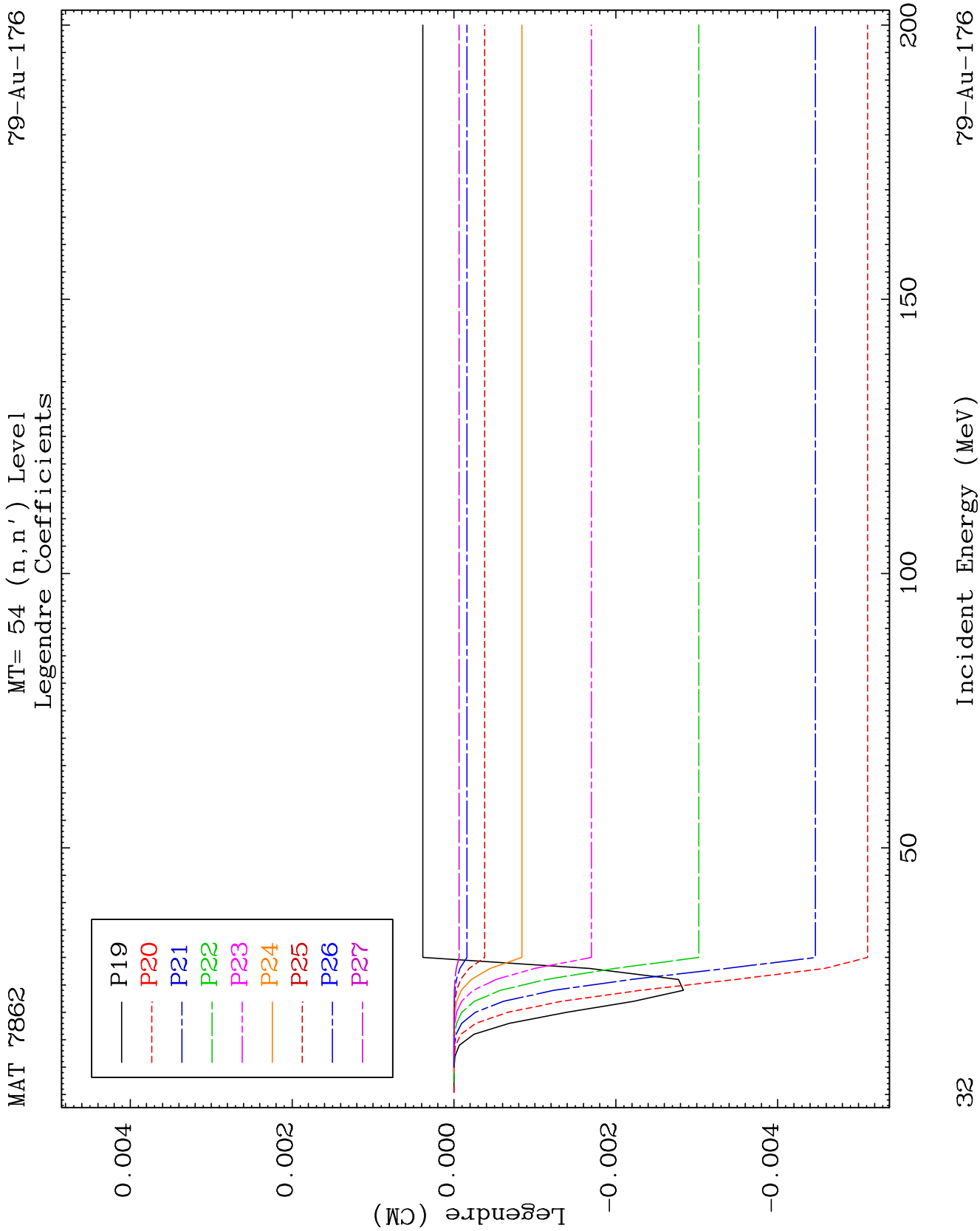


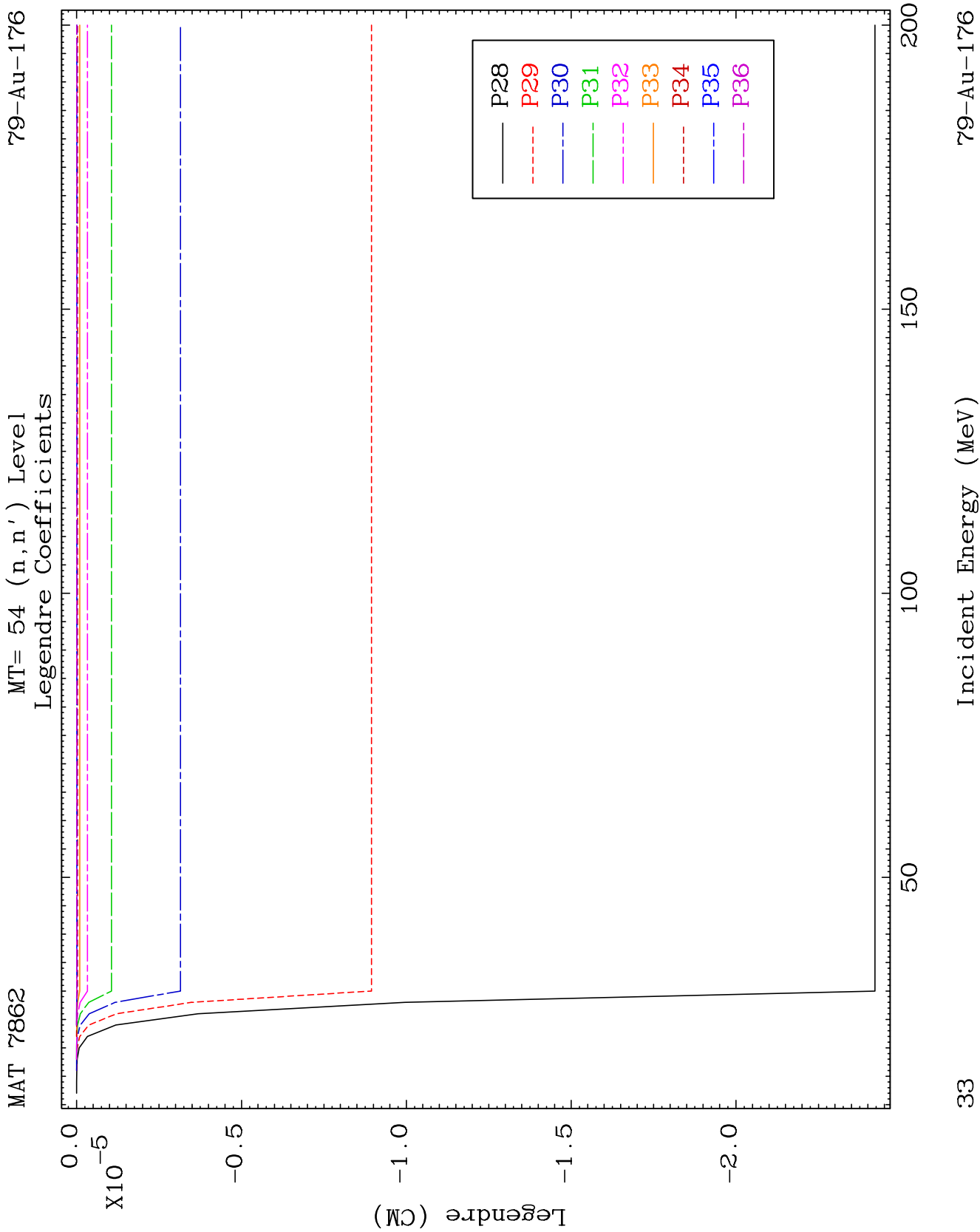
MAT 7862

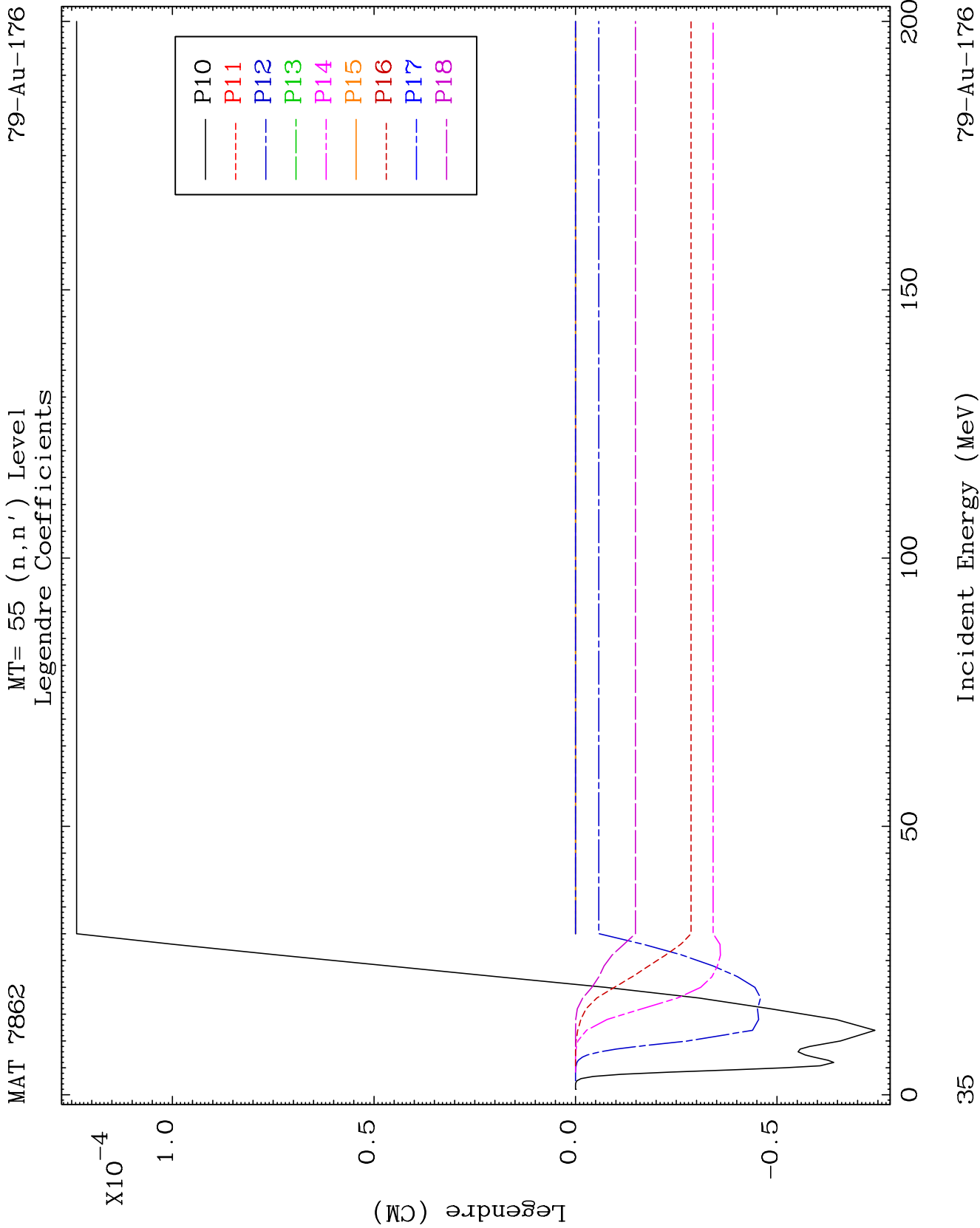
MT= 54 (n, n') Level
Legendre Coefficients

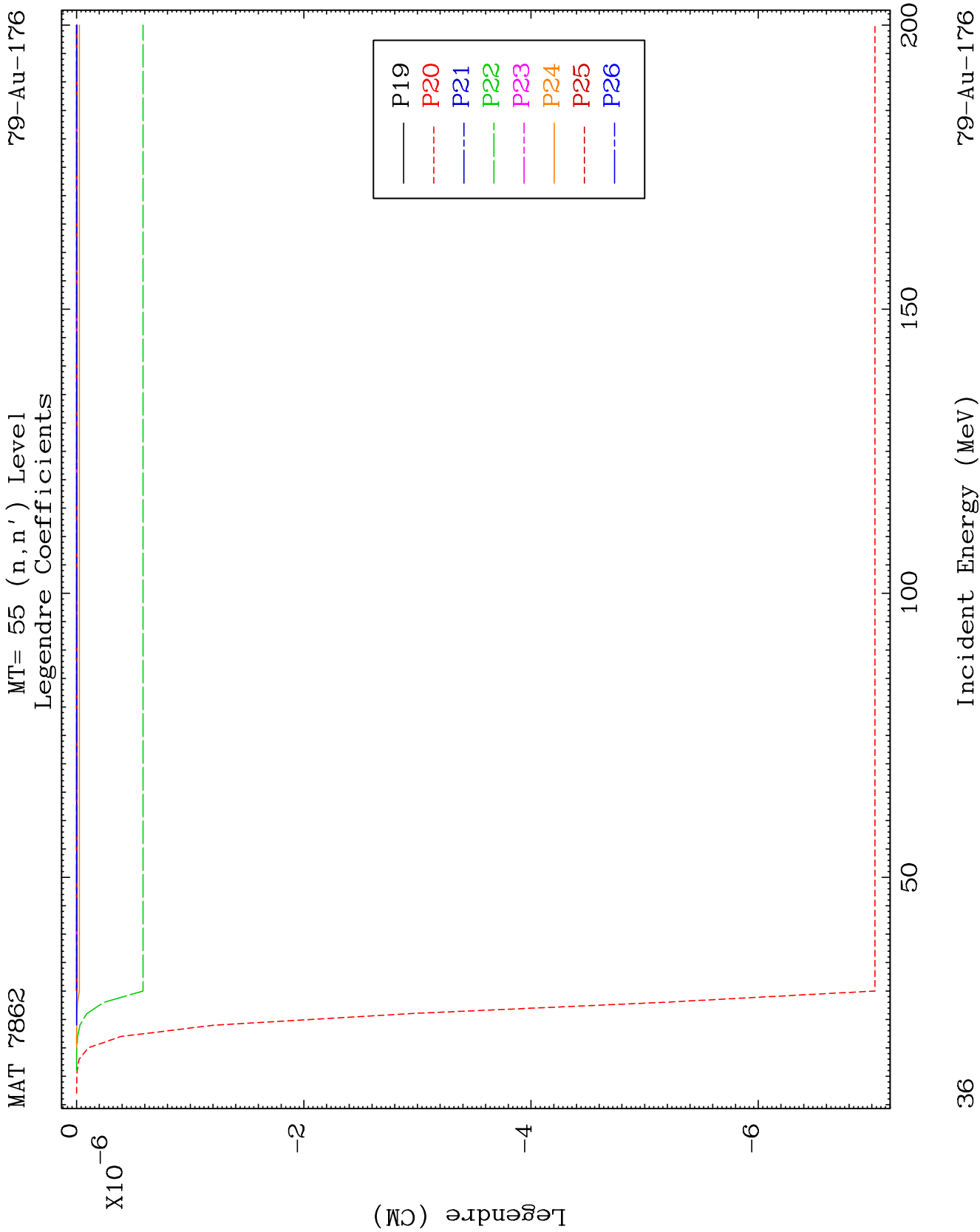
79-Au-176







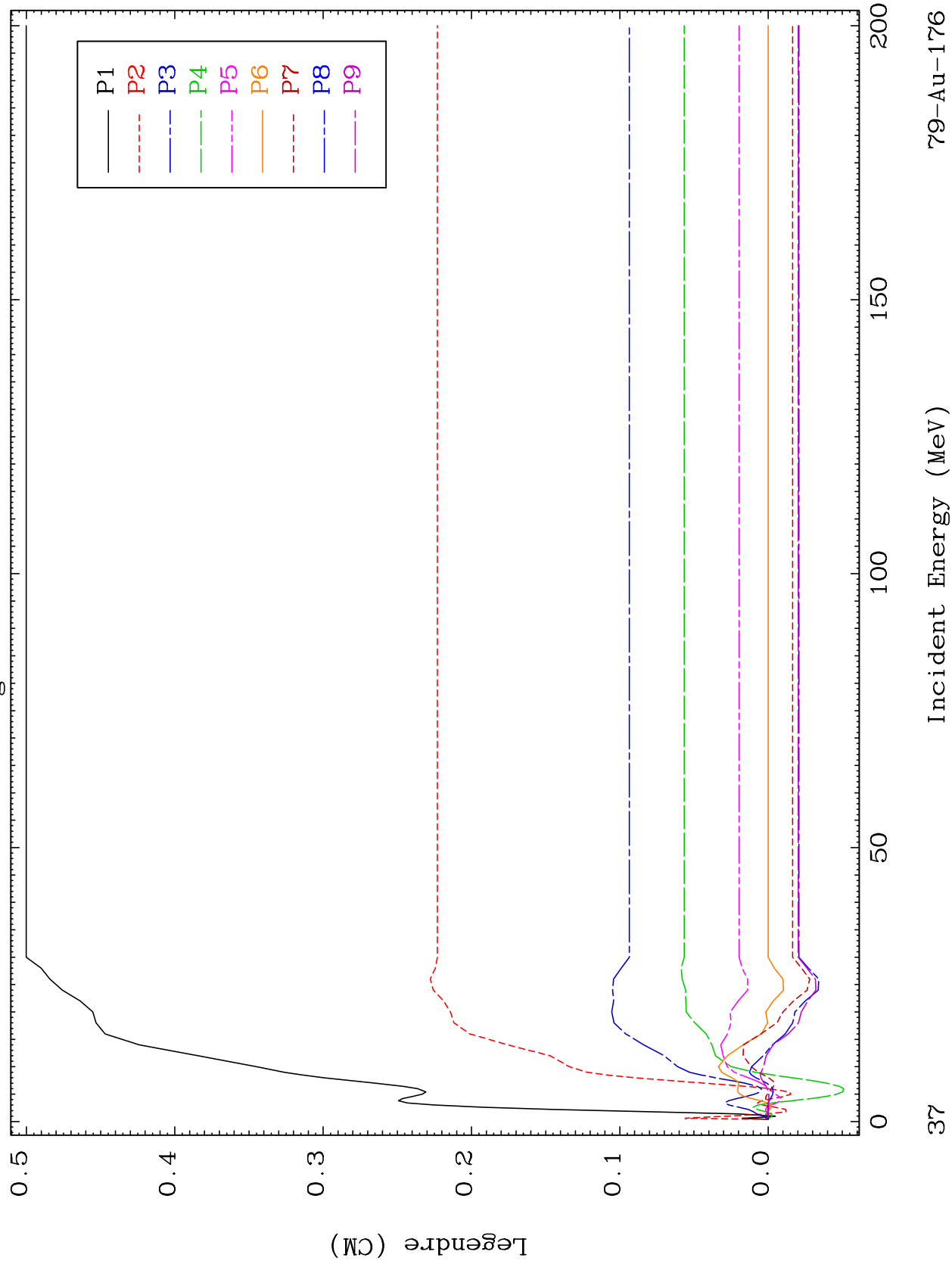


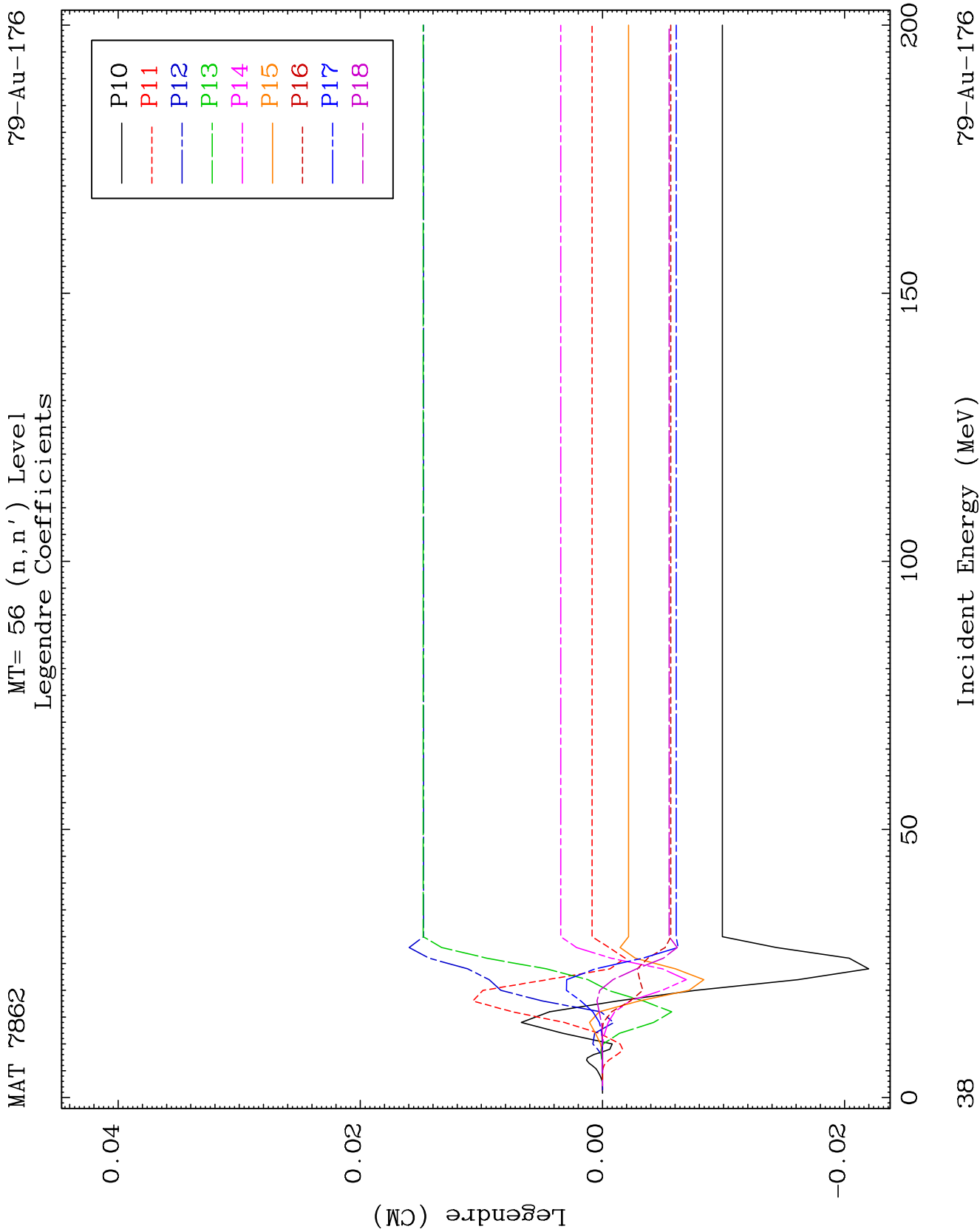


MAT 7862

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

79-Au-176

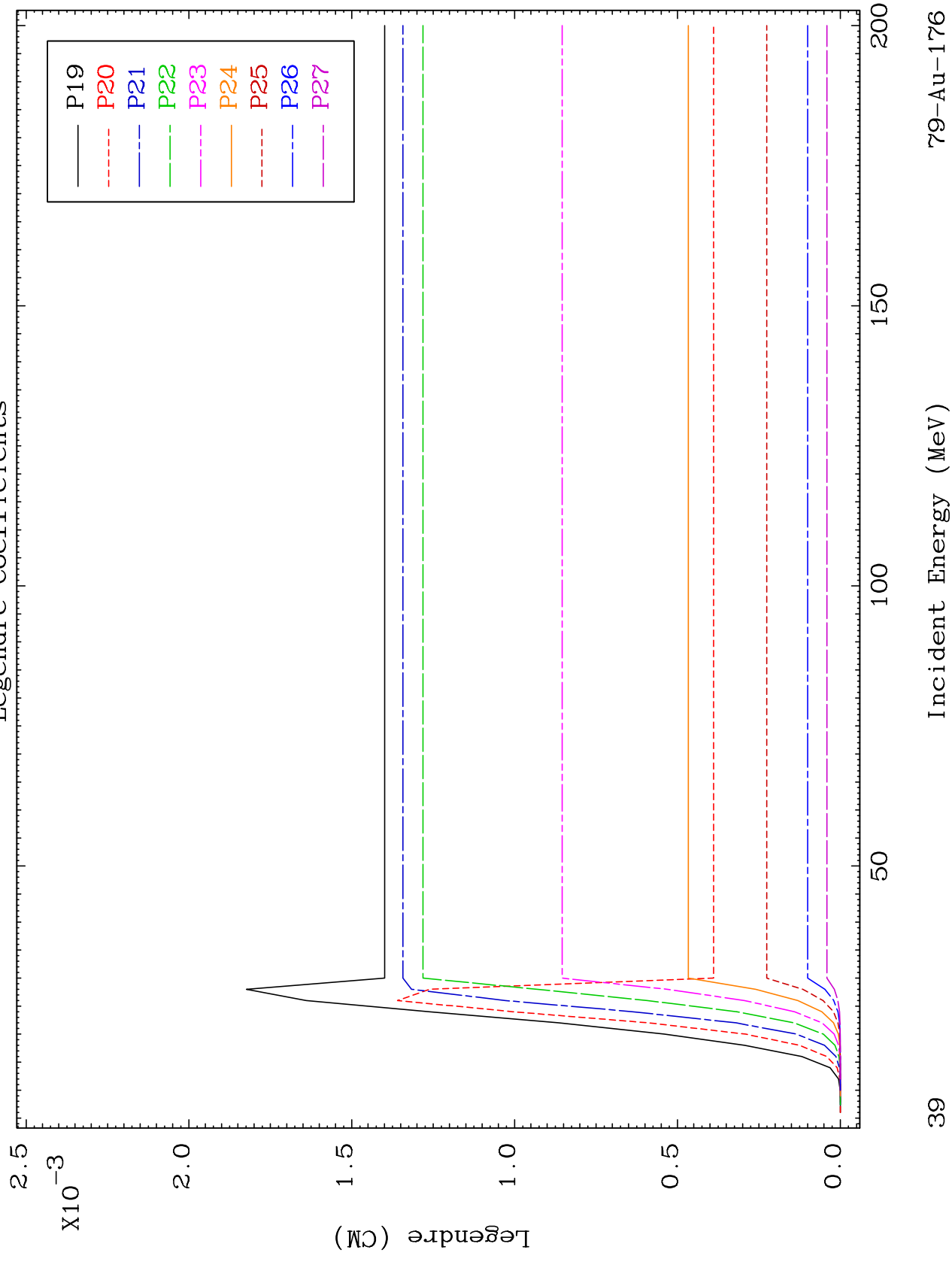


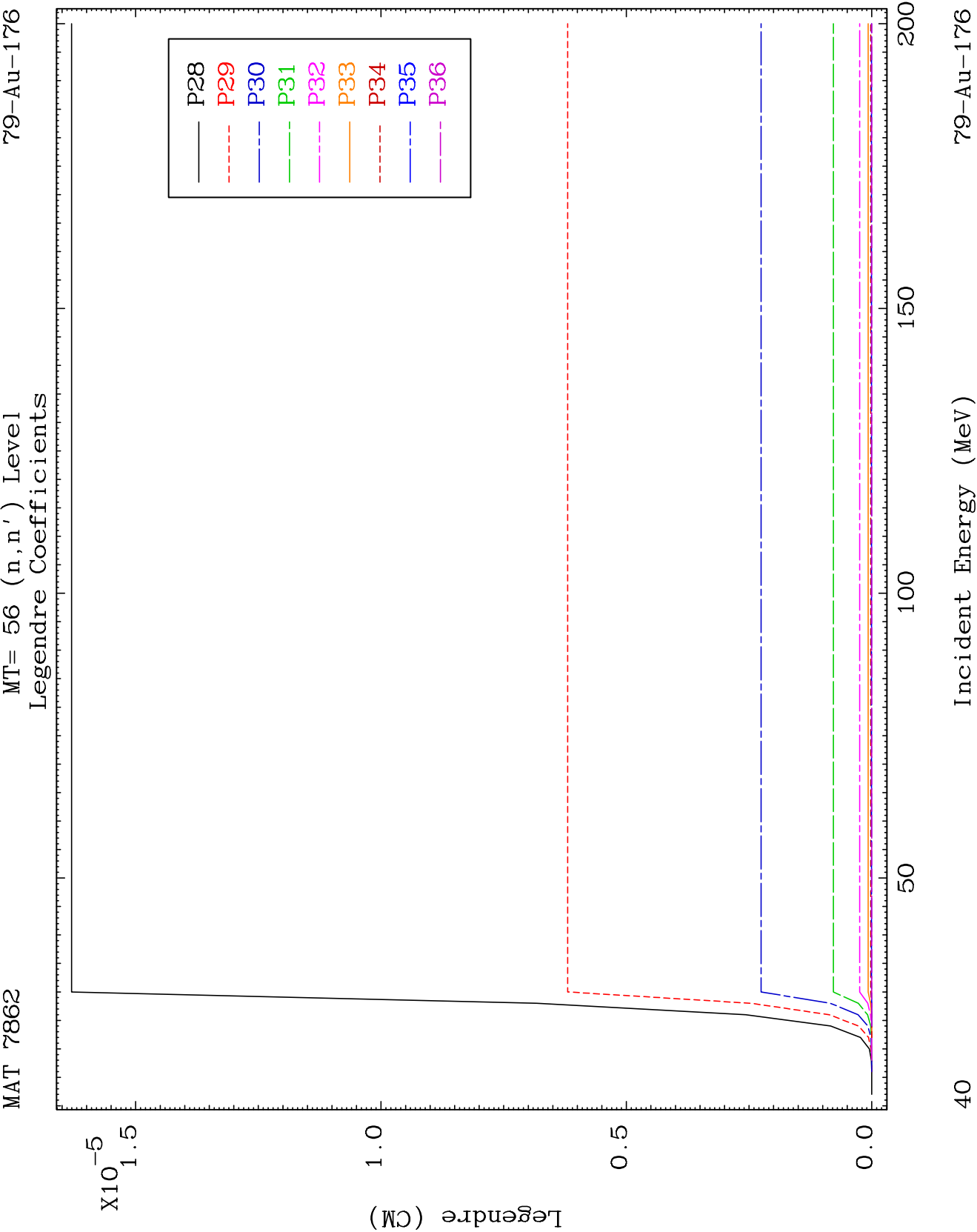


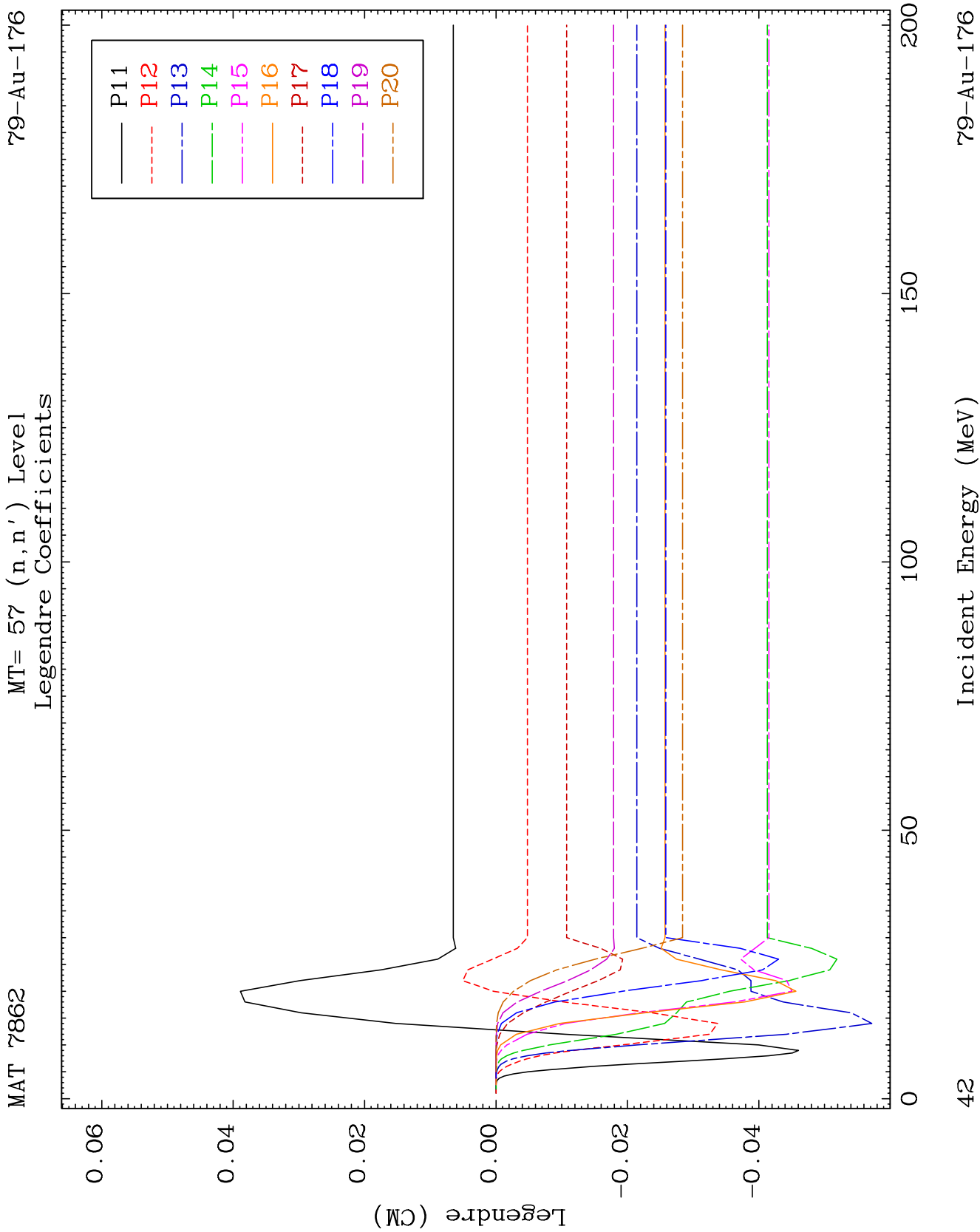
MAT 7862

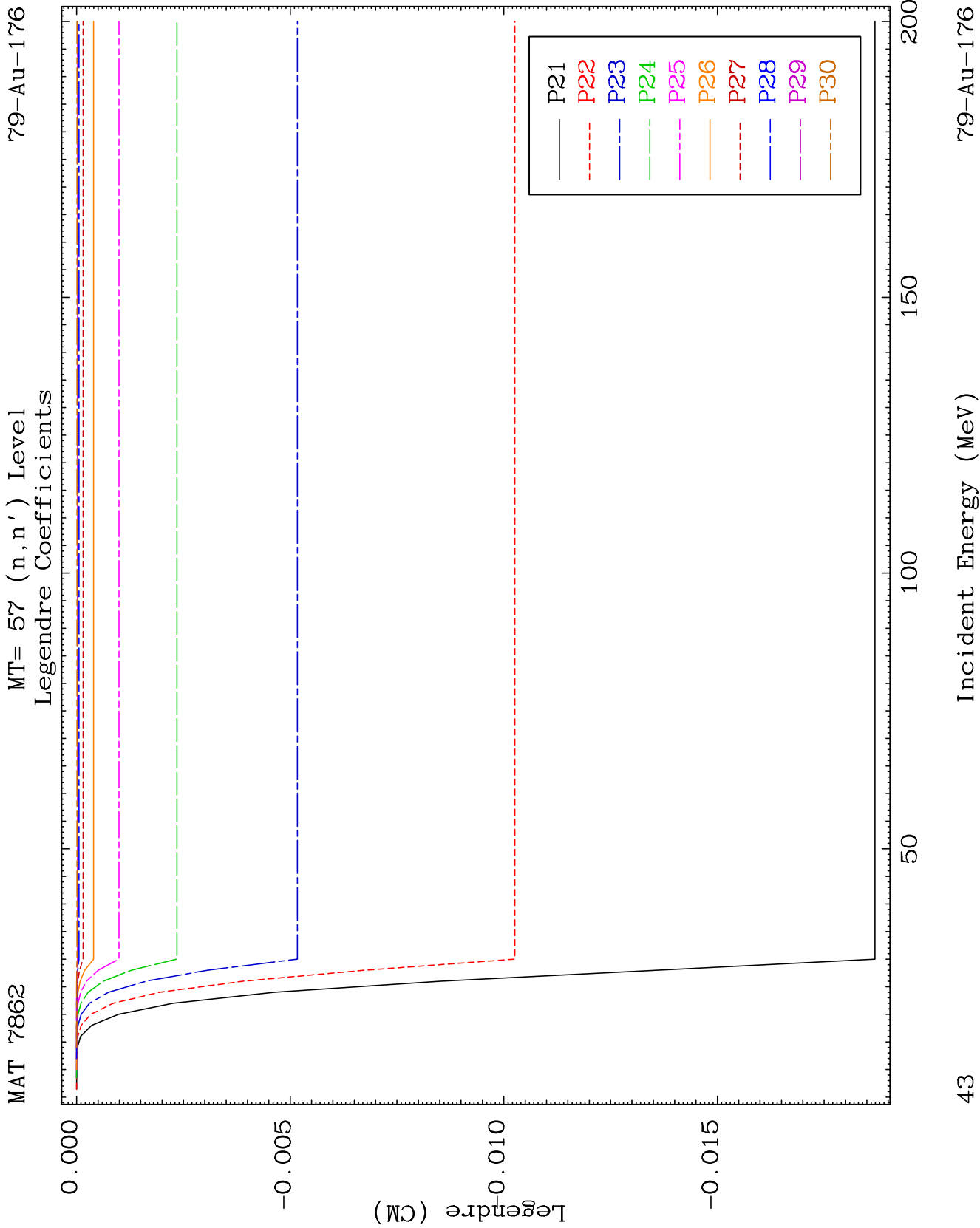
MT= 56 (n, n') Level
Legendre Coefficients

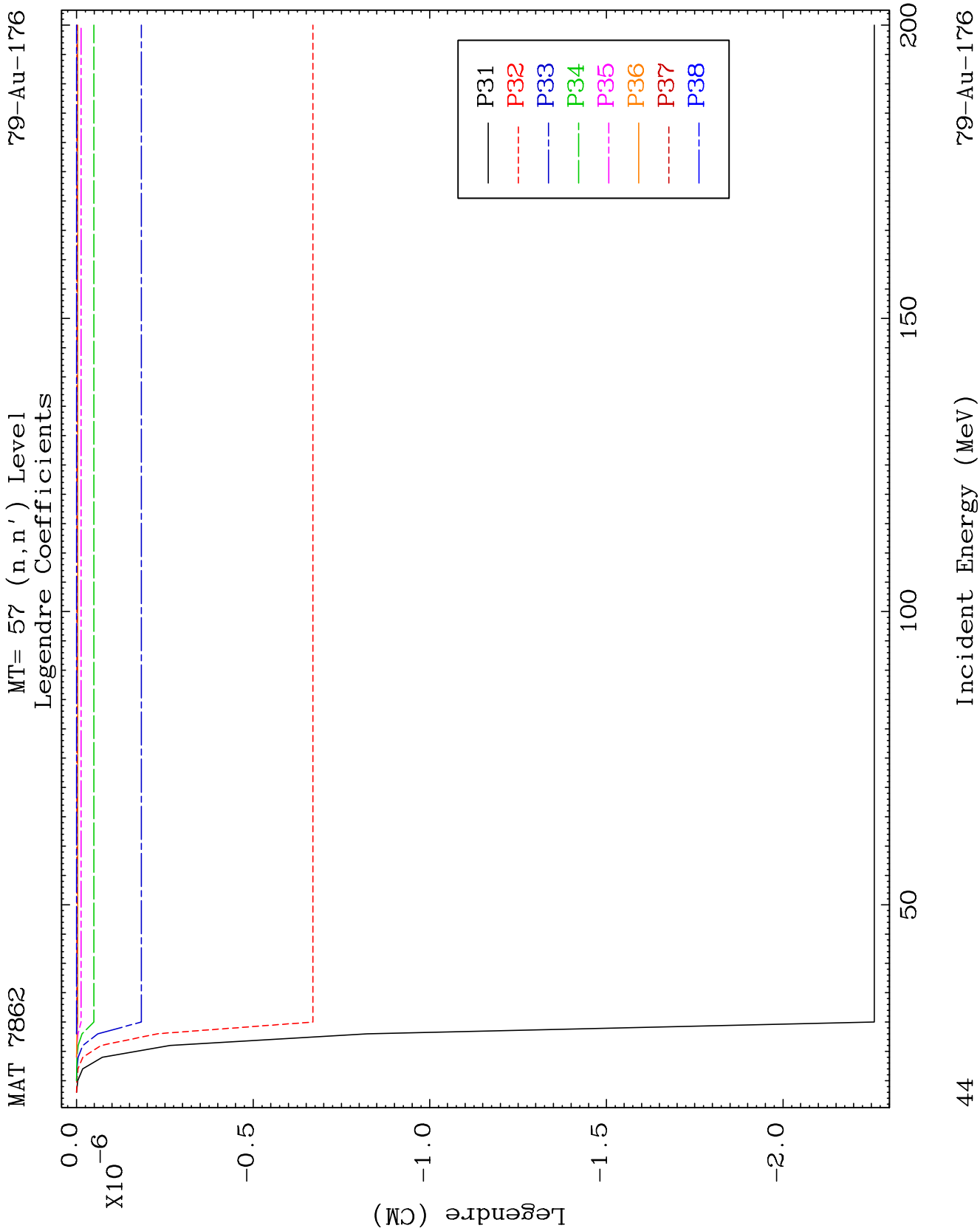
79-Au-176







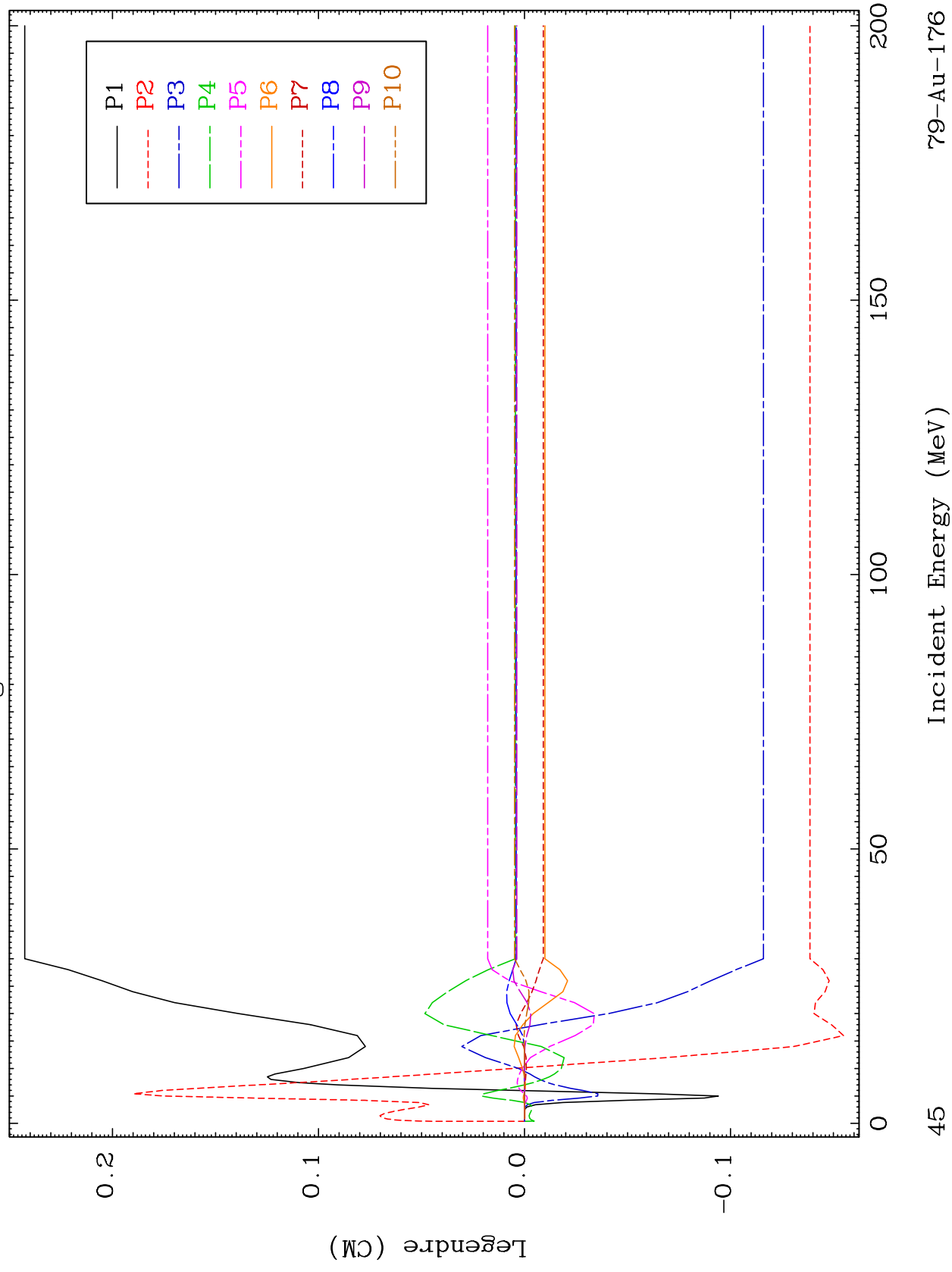


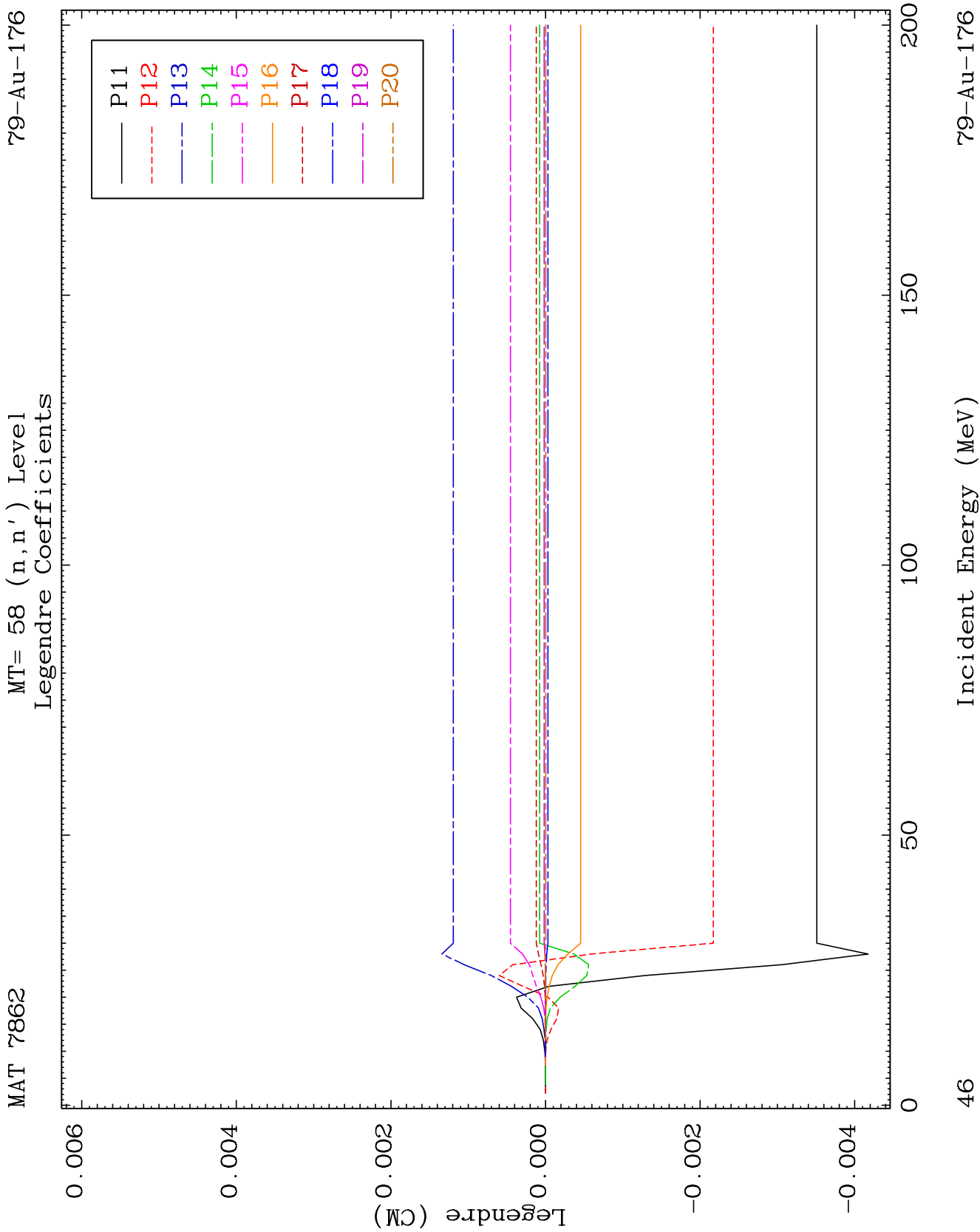


MAT 7862

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Legendre Coefficients

79-Au-176

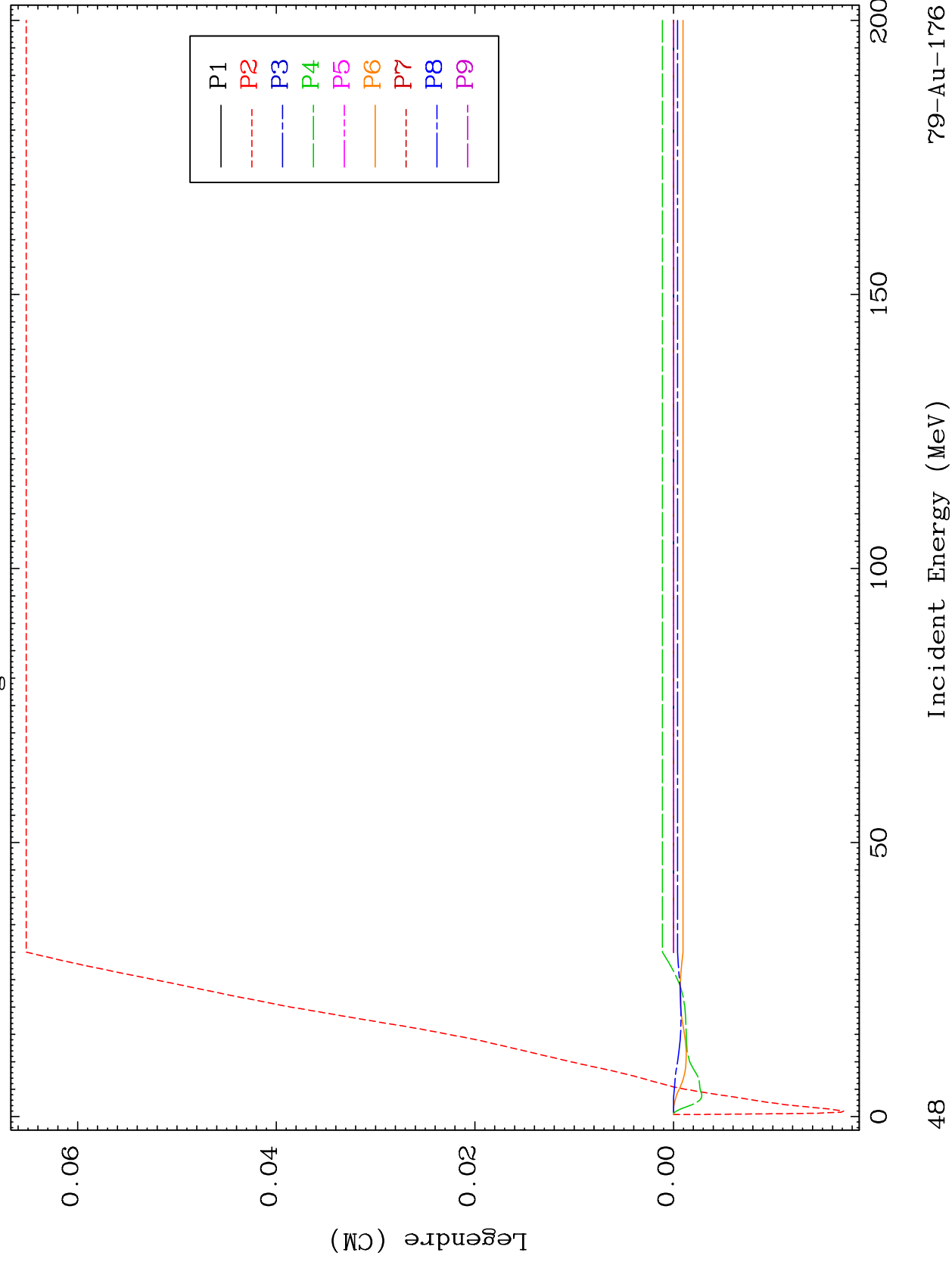


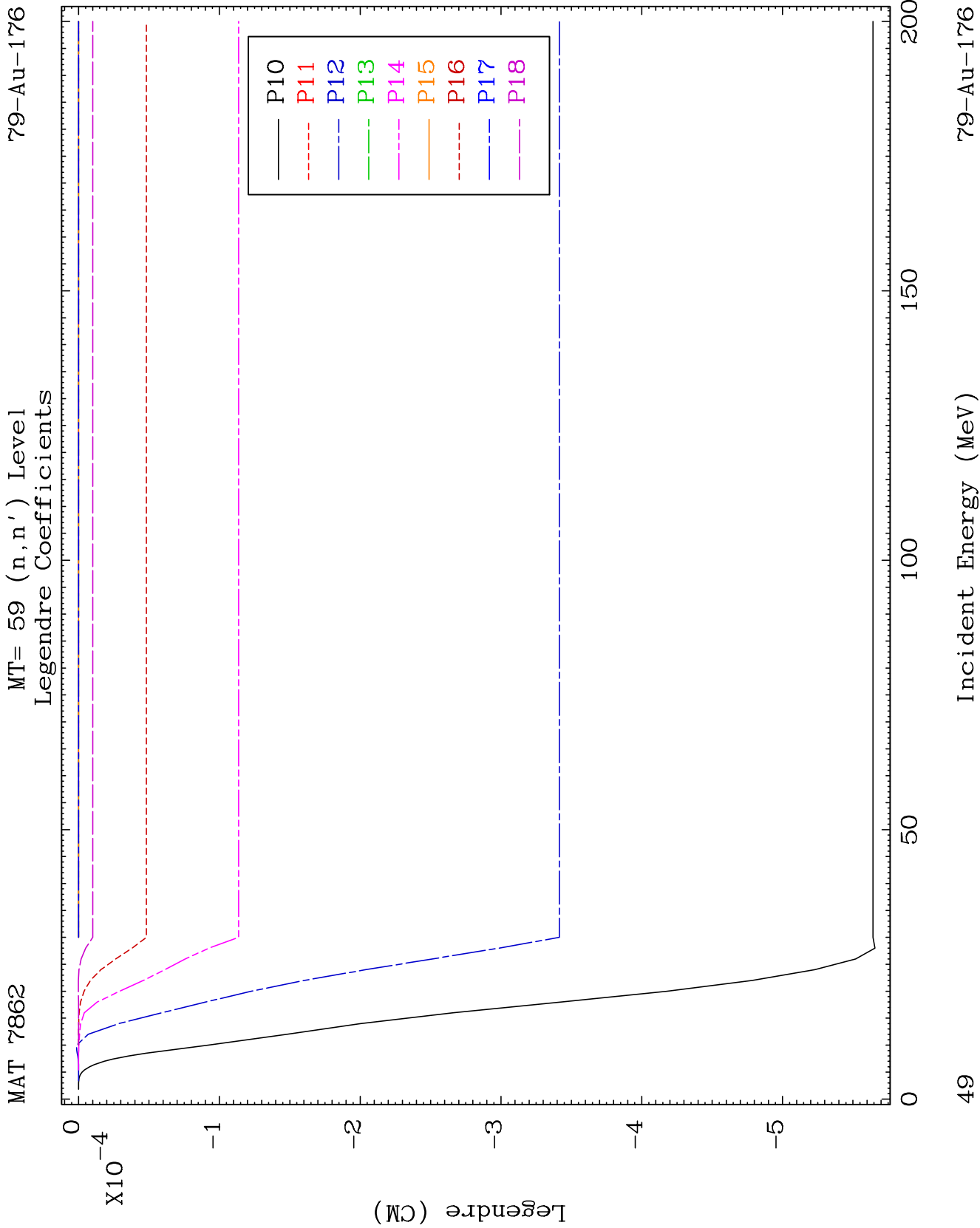


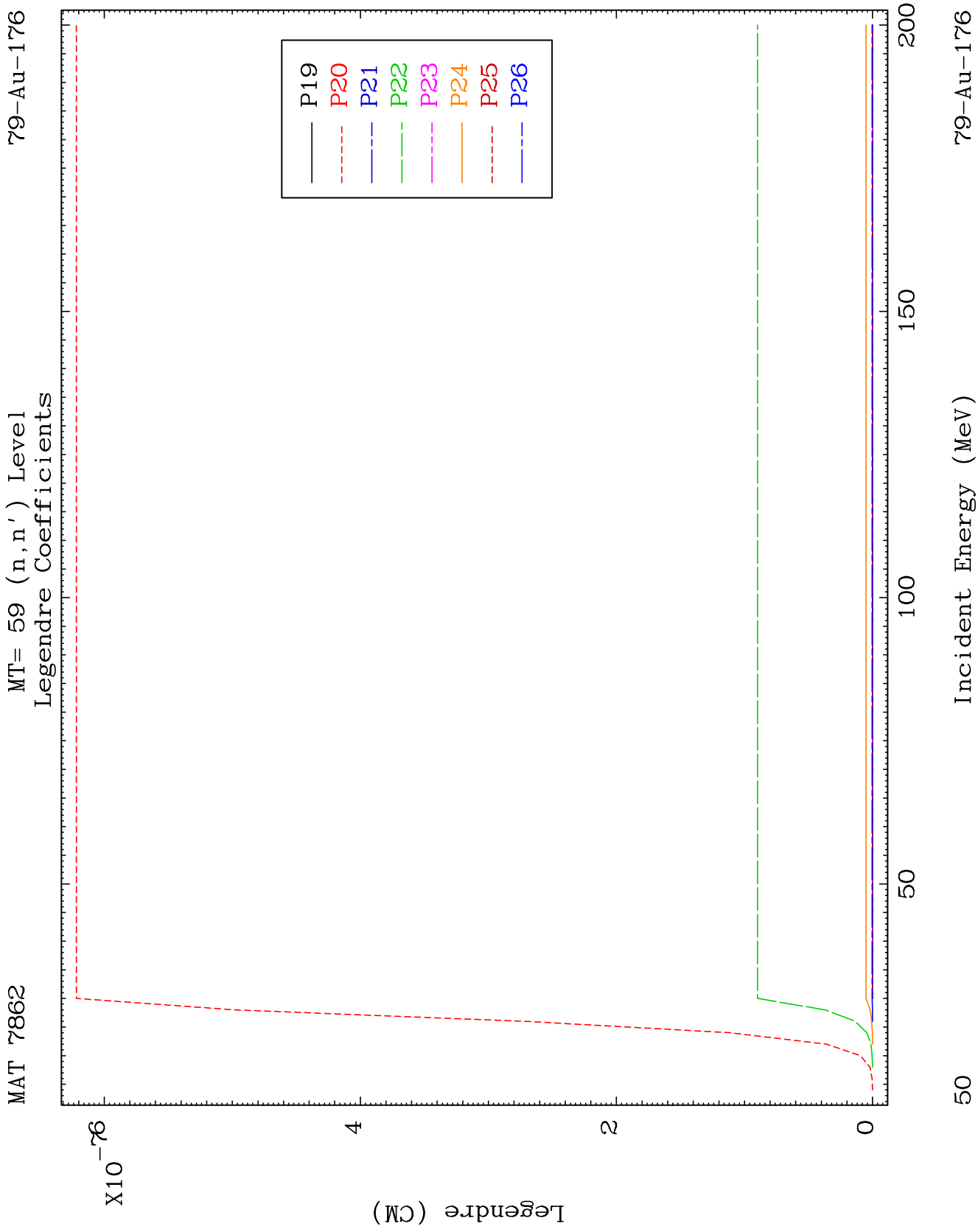
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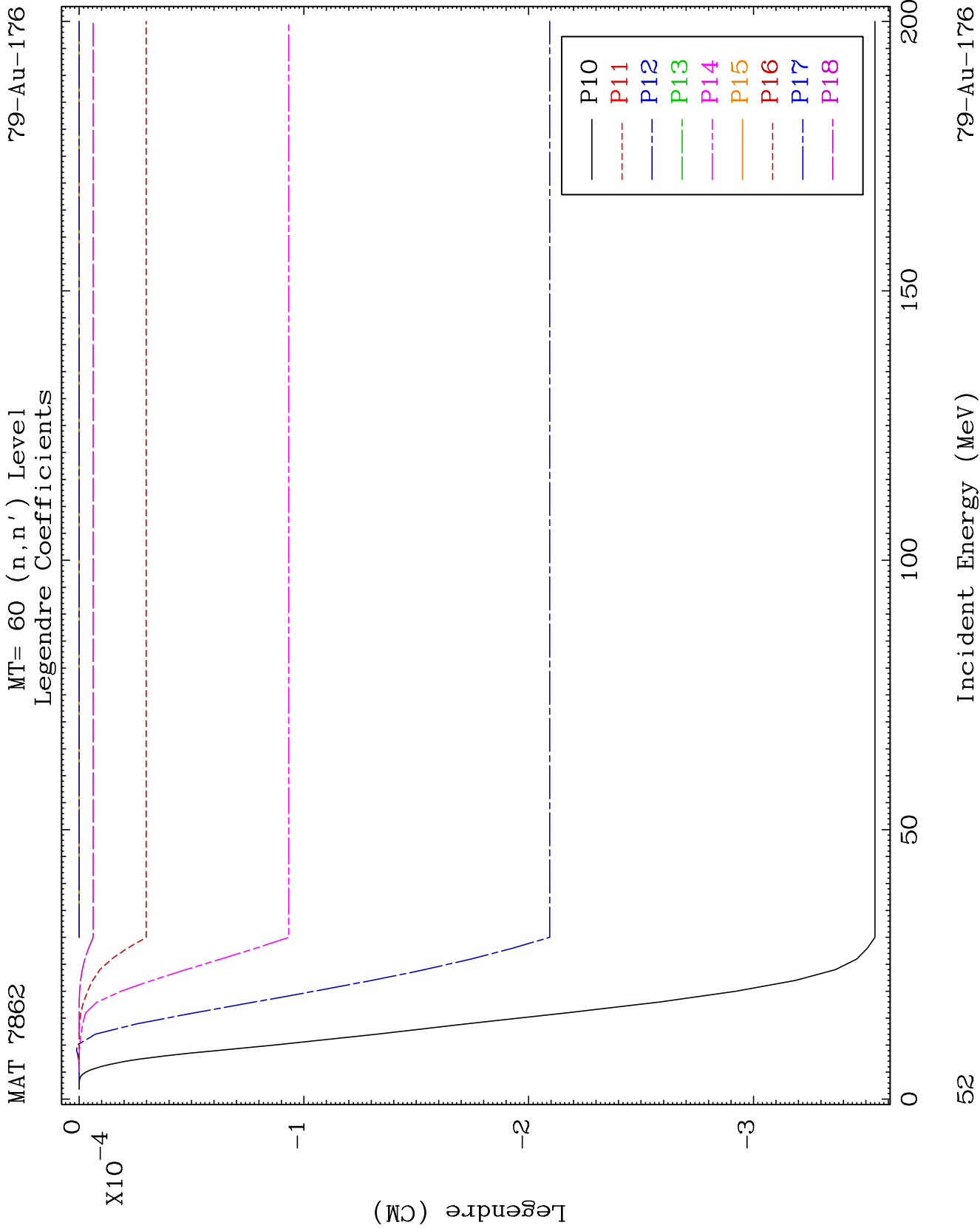
MT= 59 (n, n') Level
Legendre Coefficients

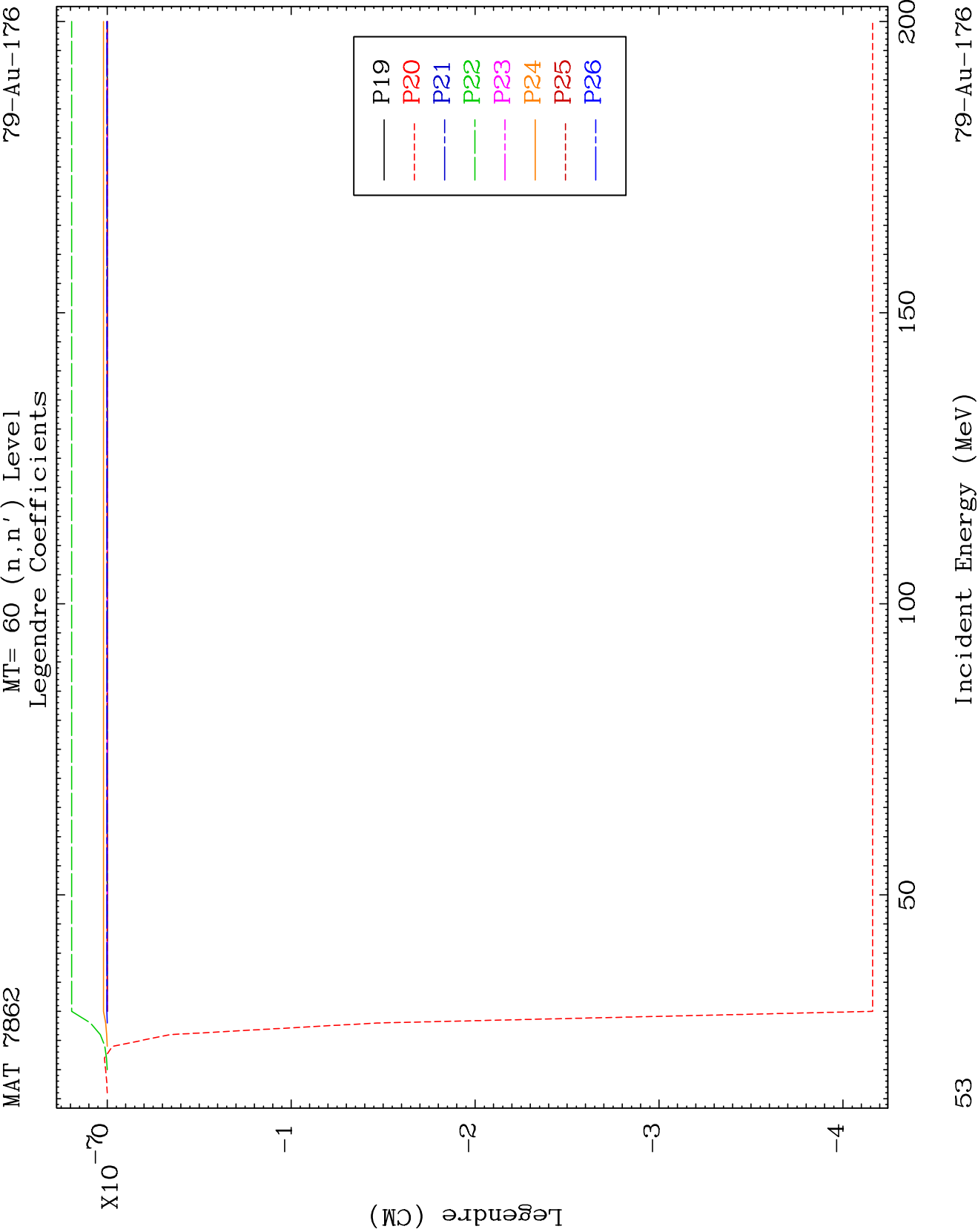
79-Au-176

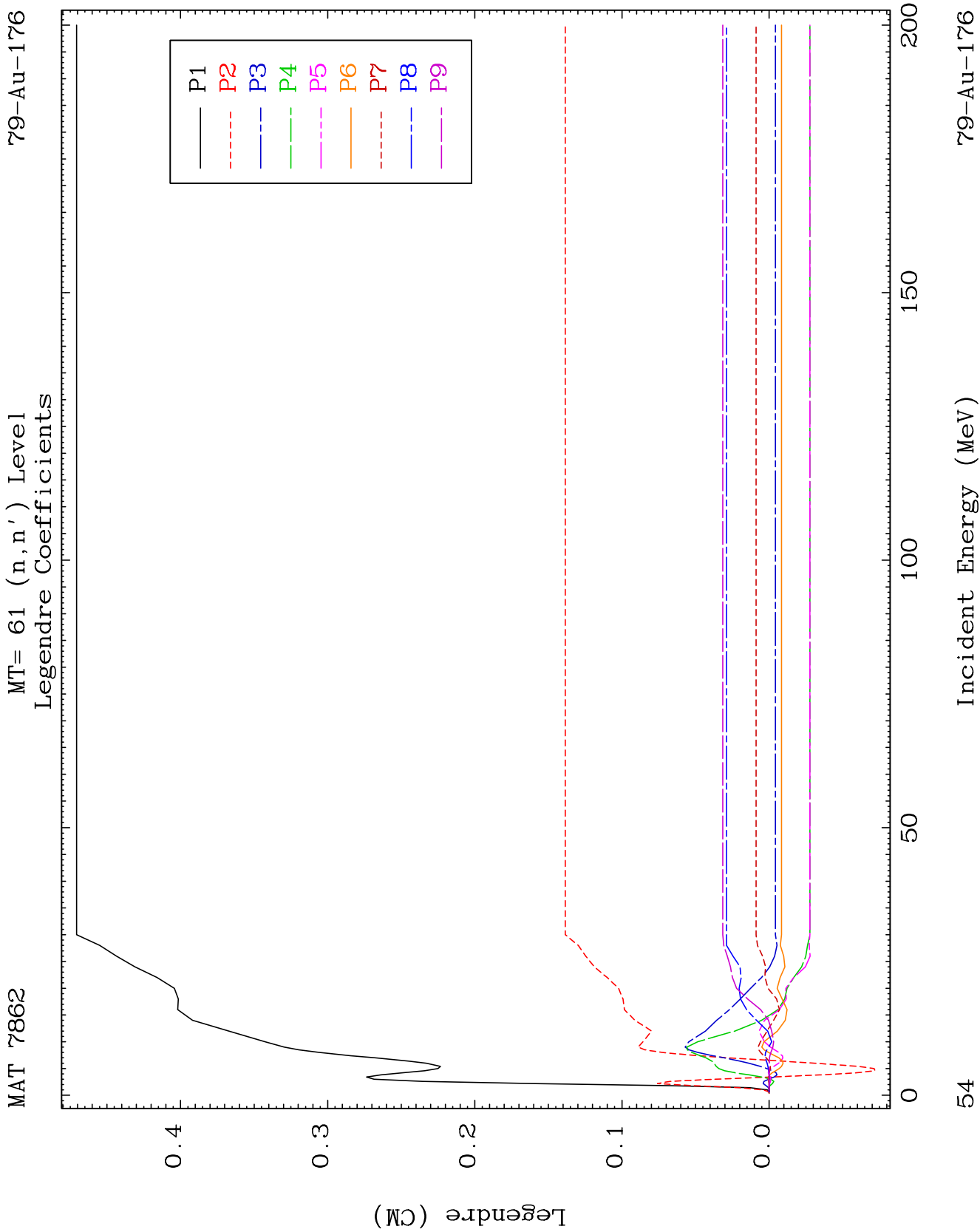


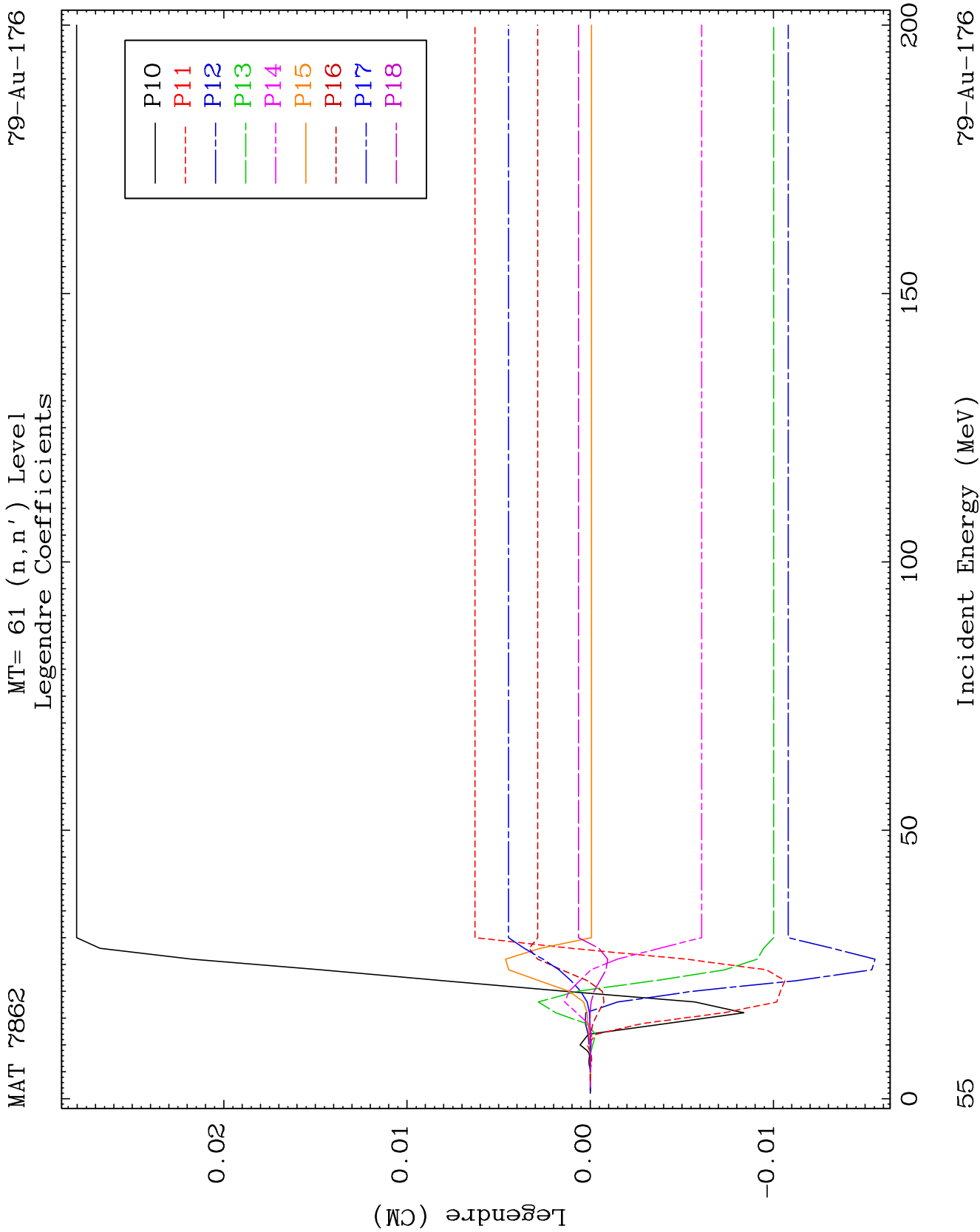








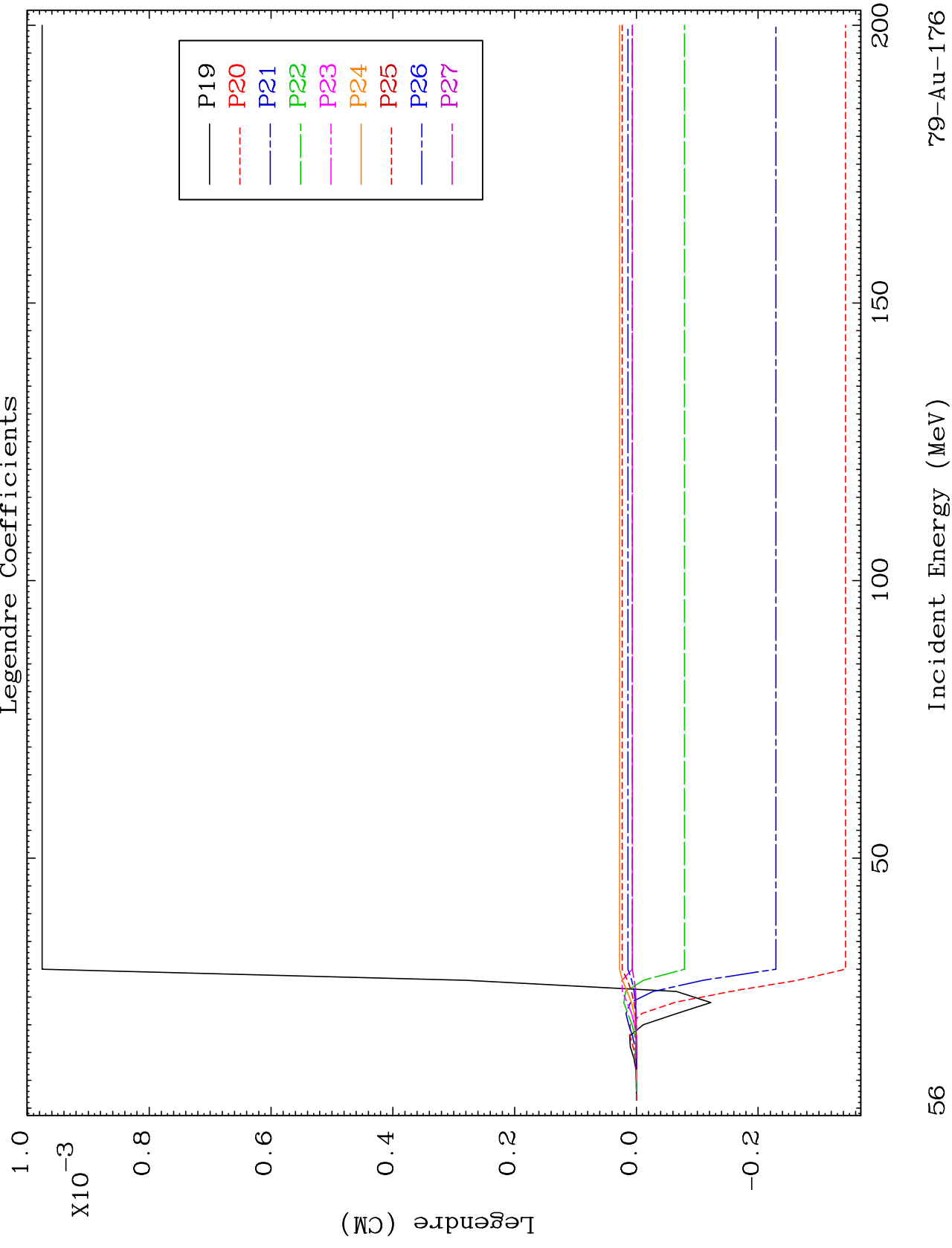


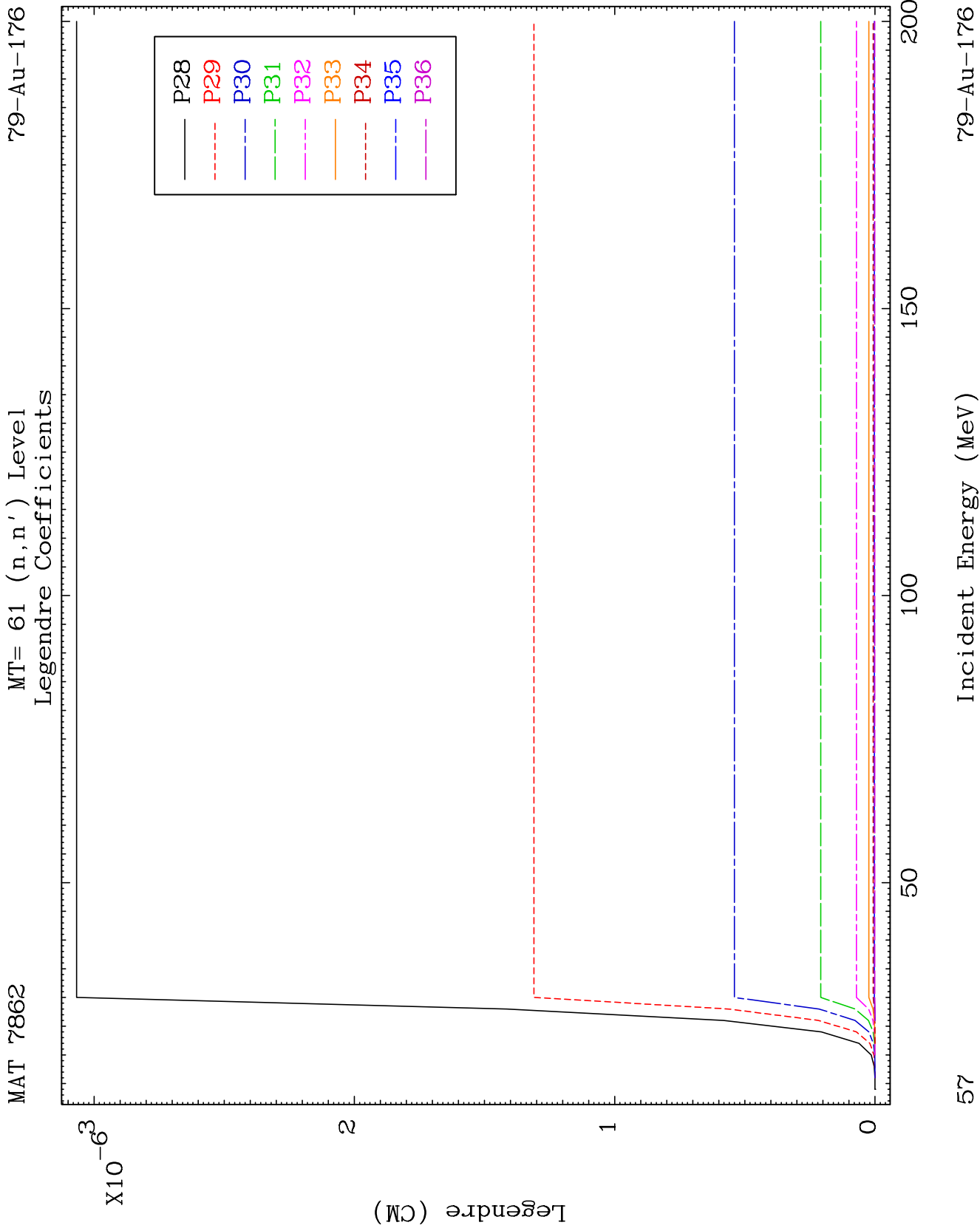


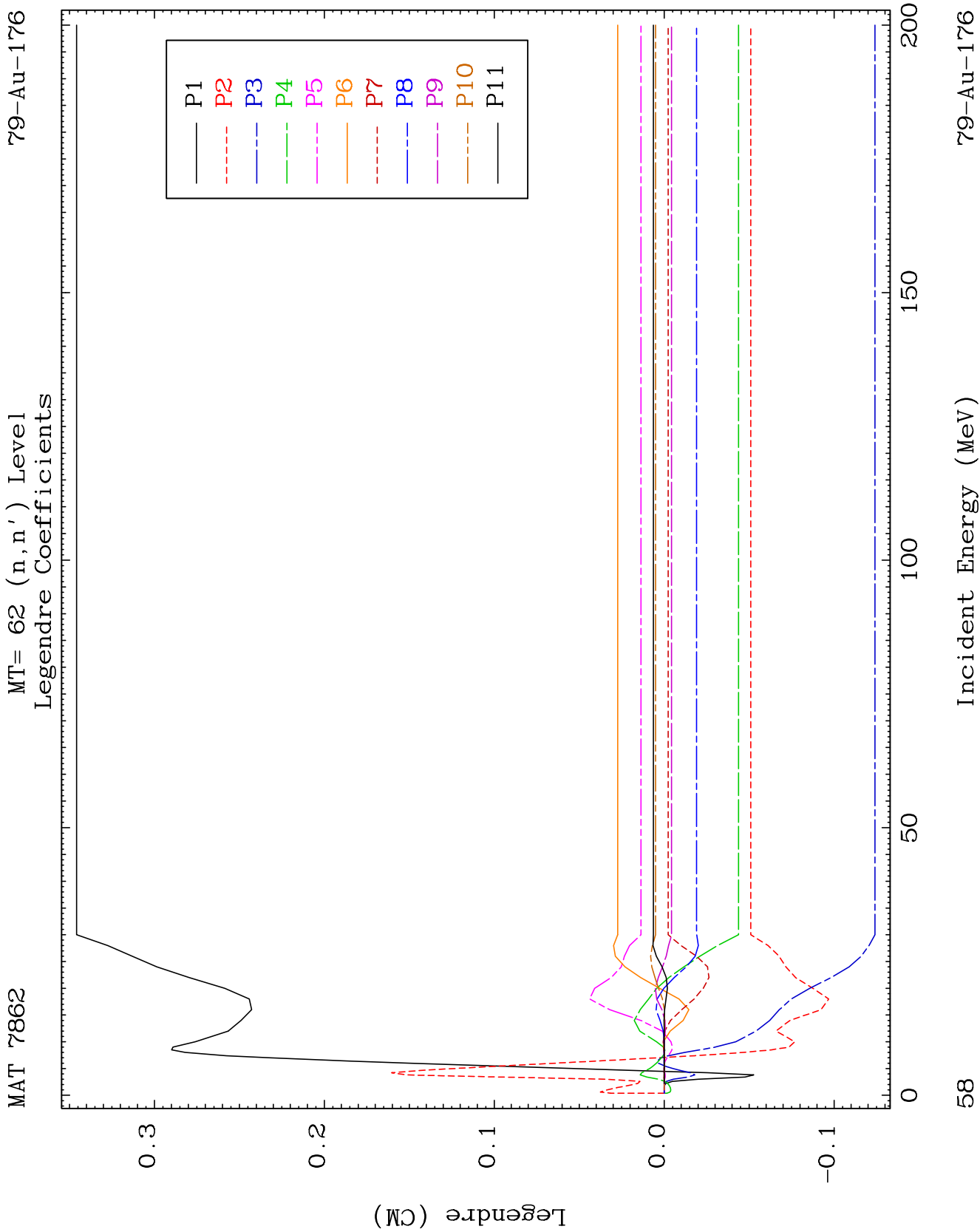
MAT 7862

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

79-Au-176



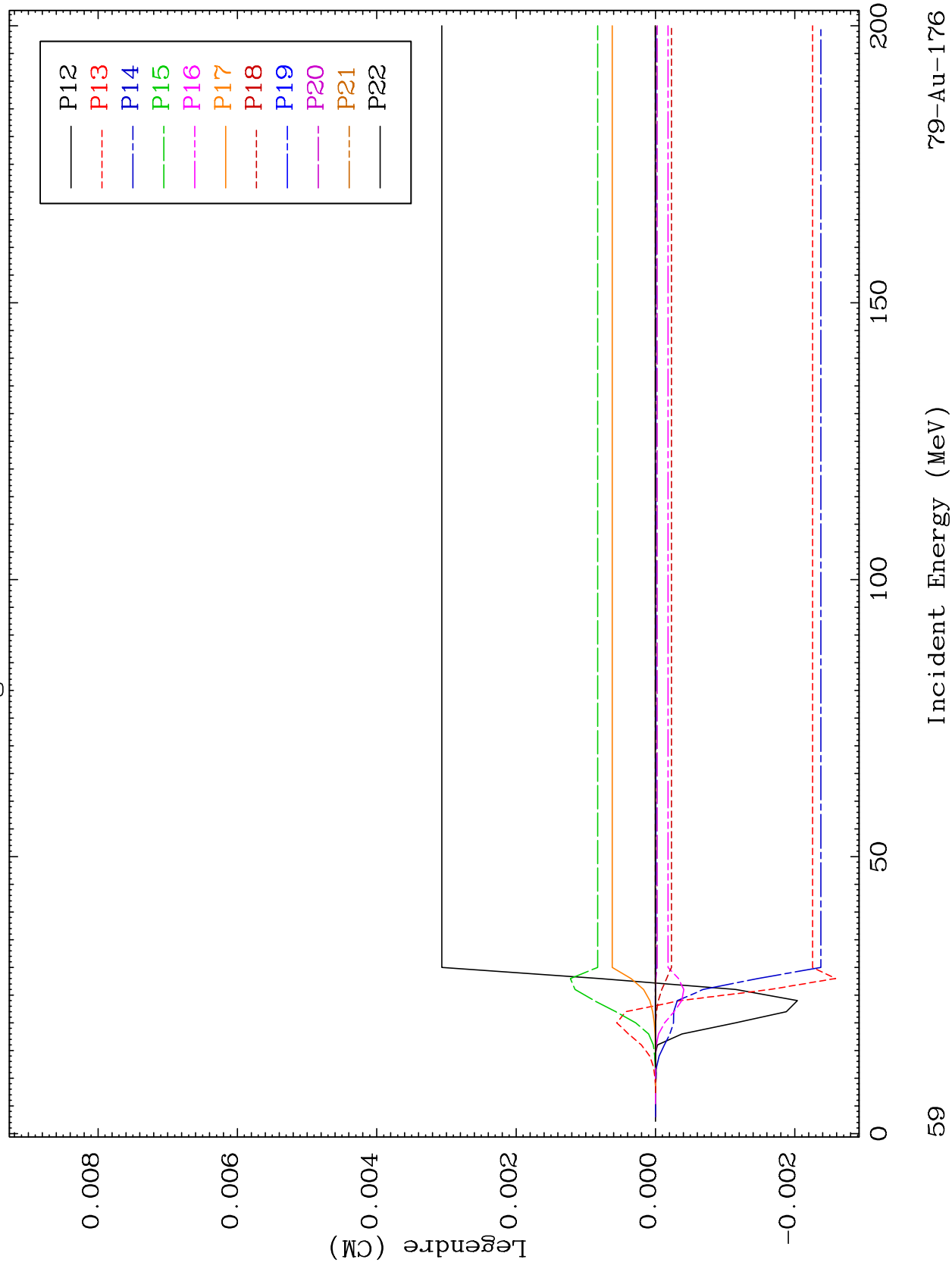


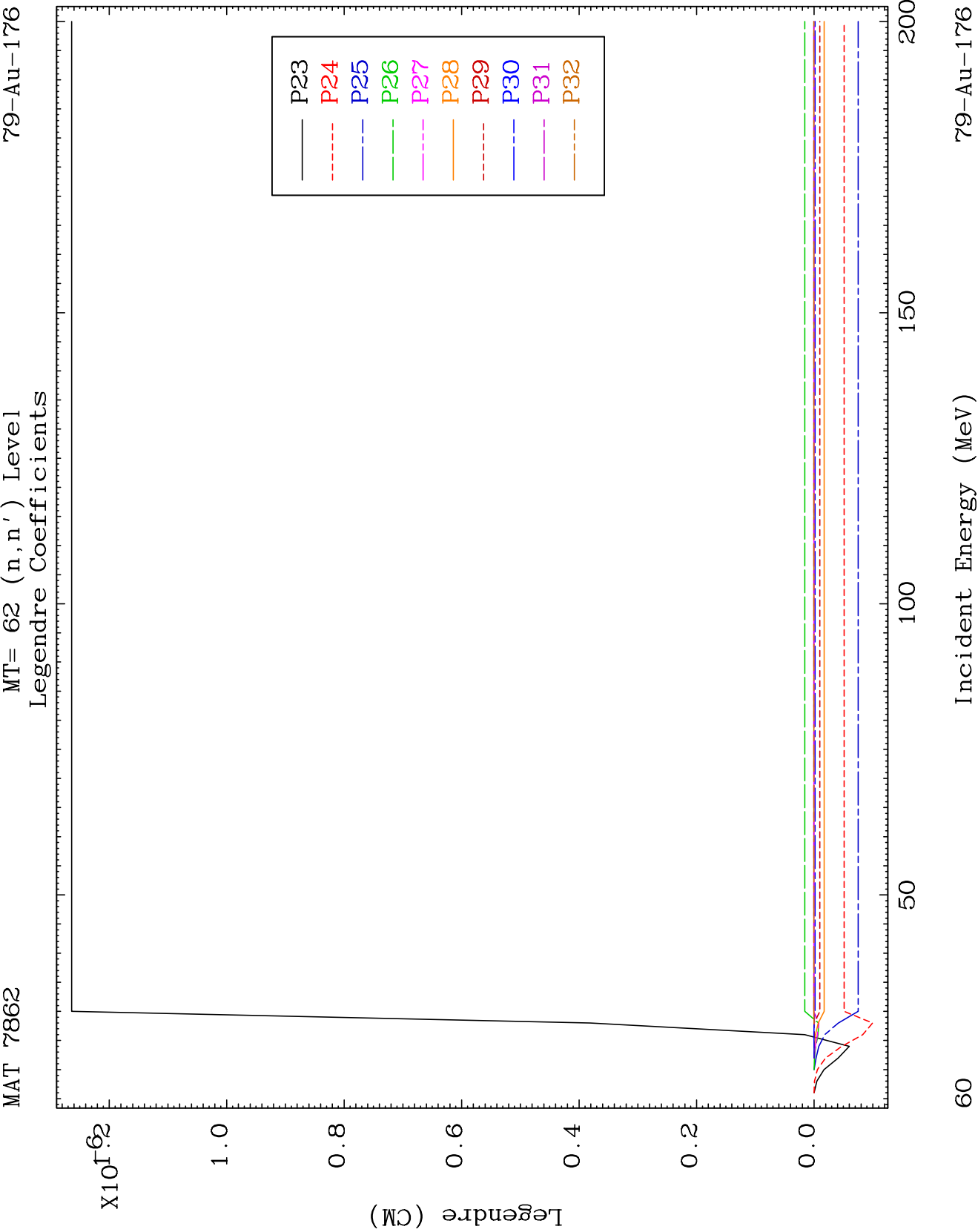


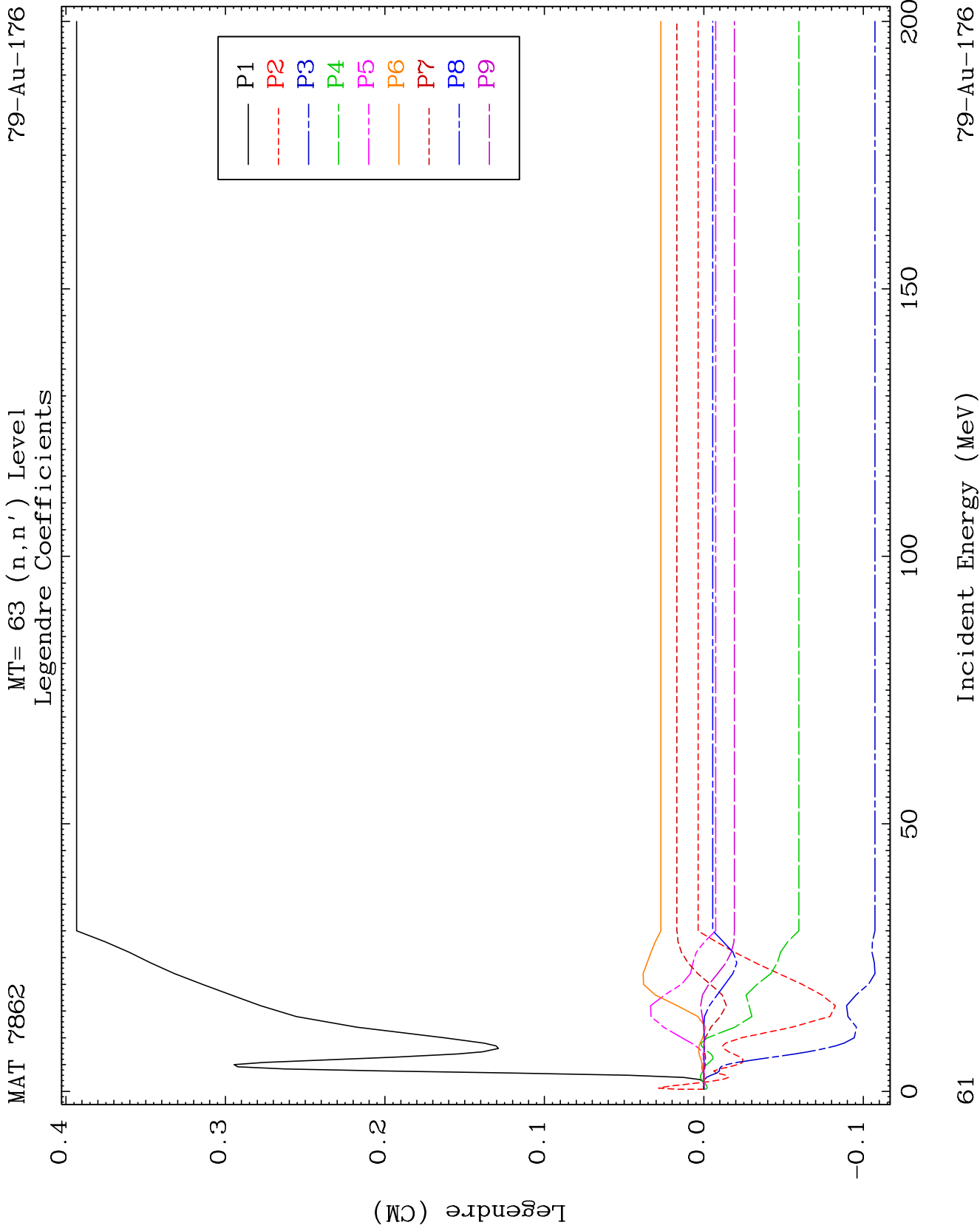
MAT 7862

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

79-Au-176



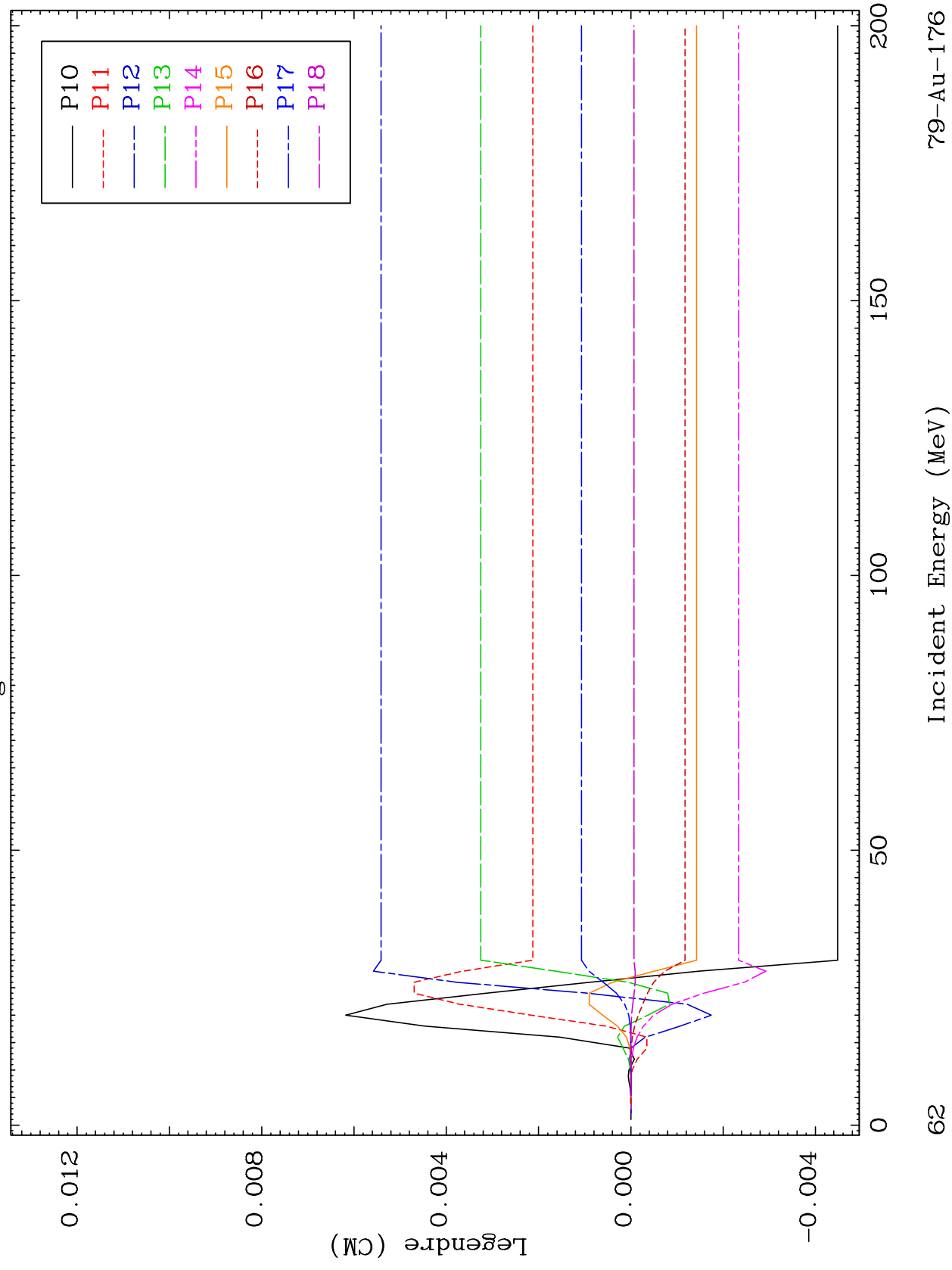


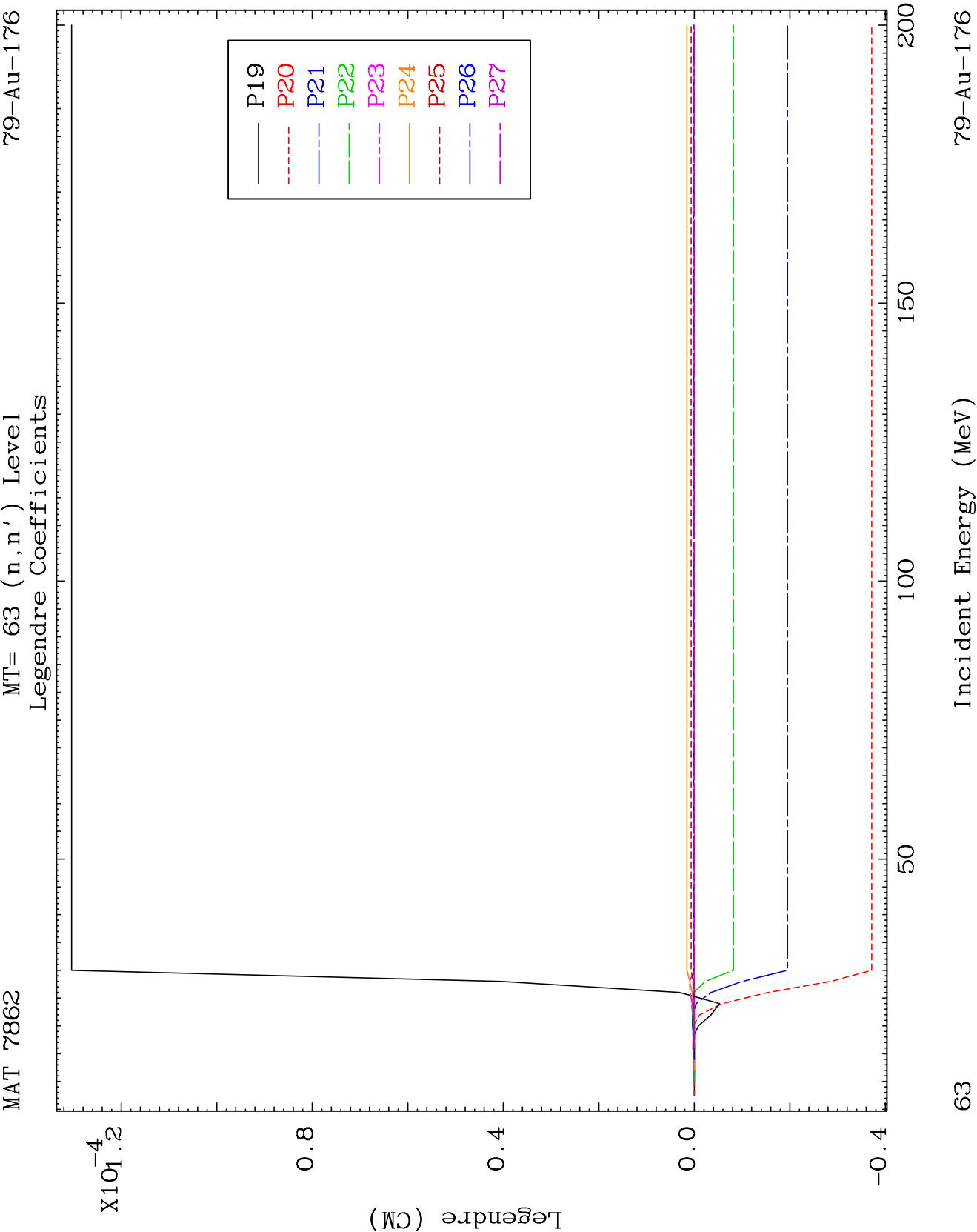


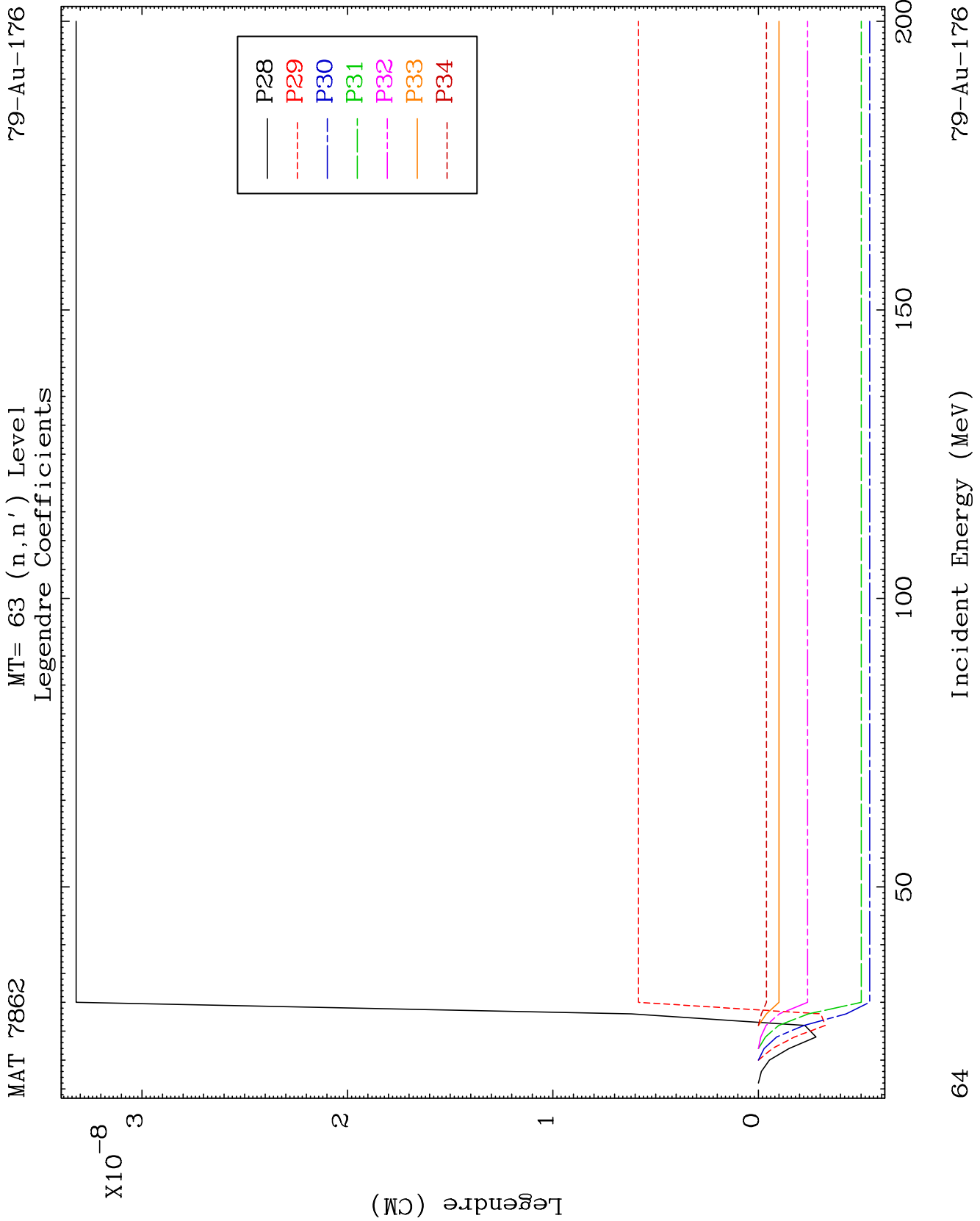
MAT 7862

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

79-Au-176



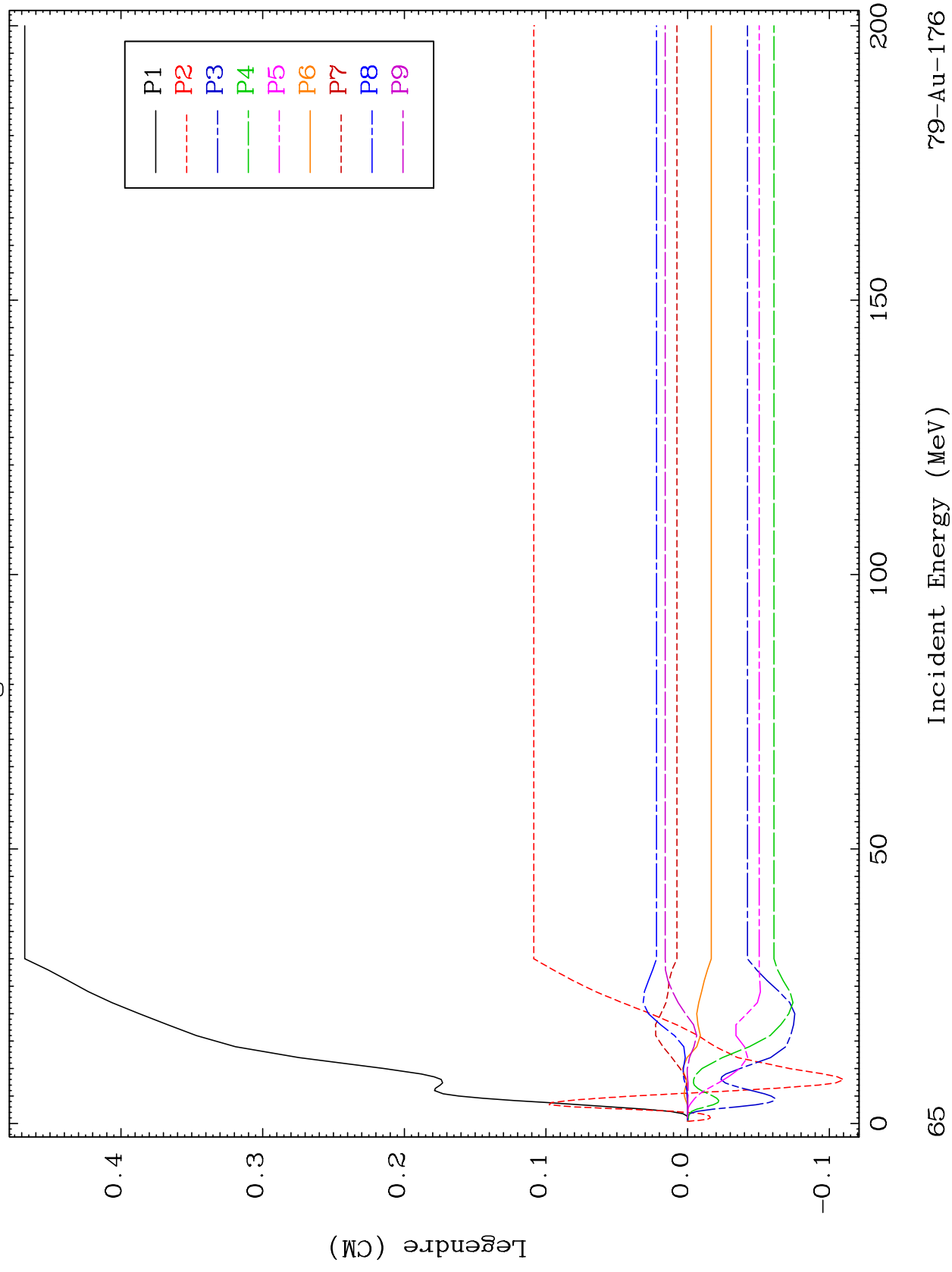


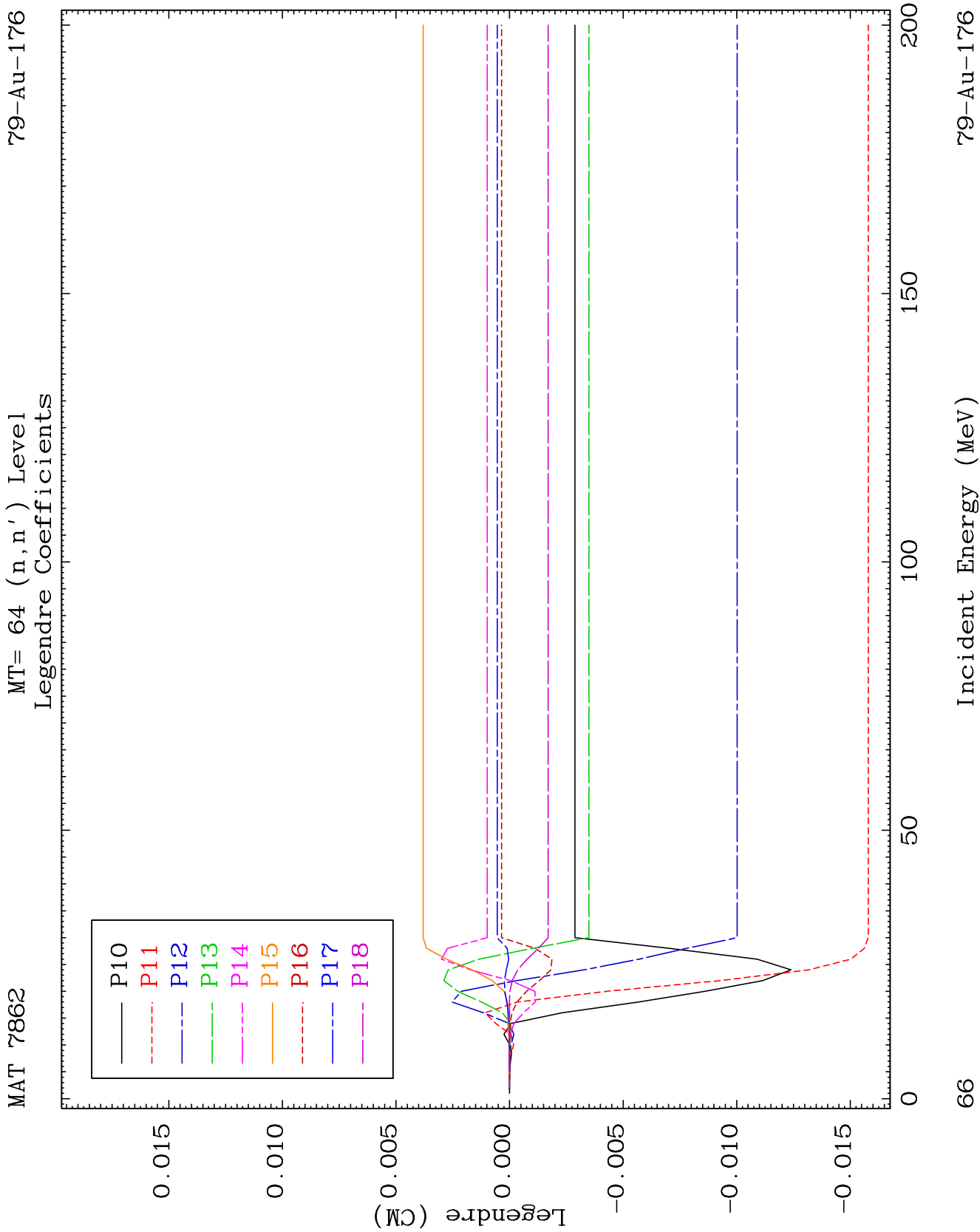


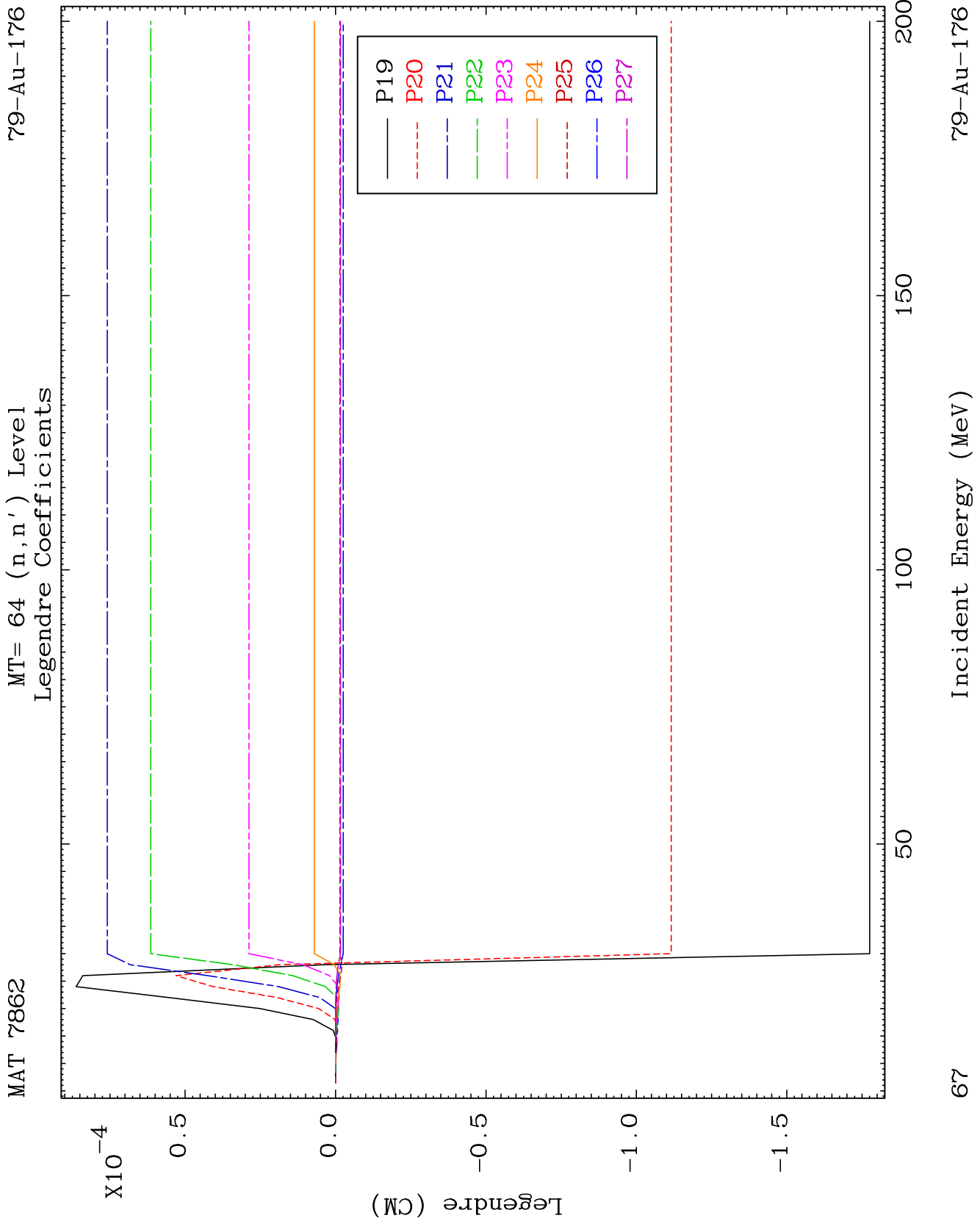
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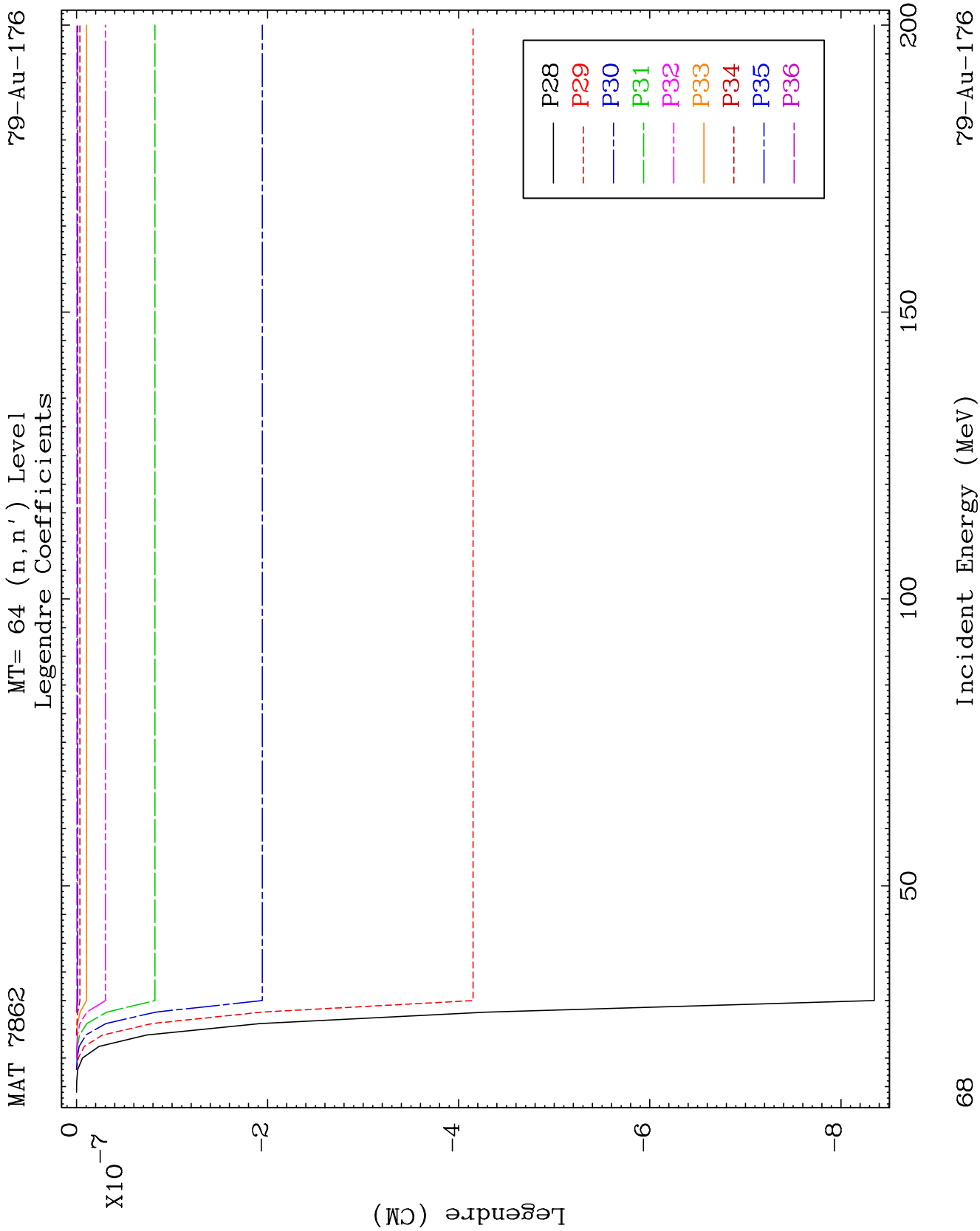
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Legendre Coefficients

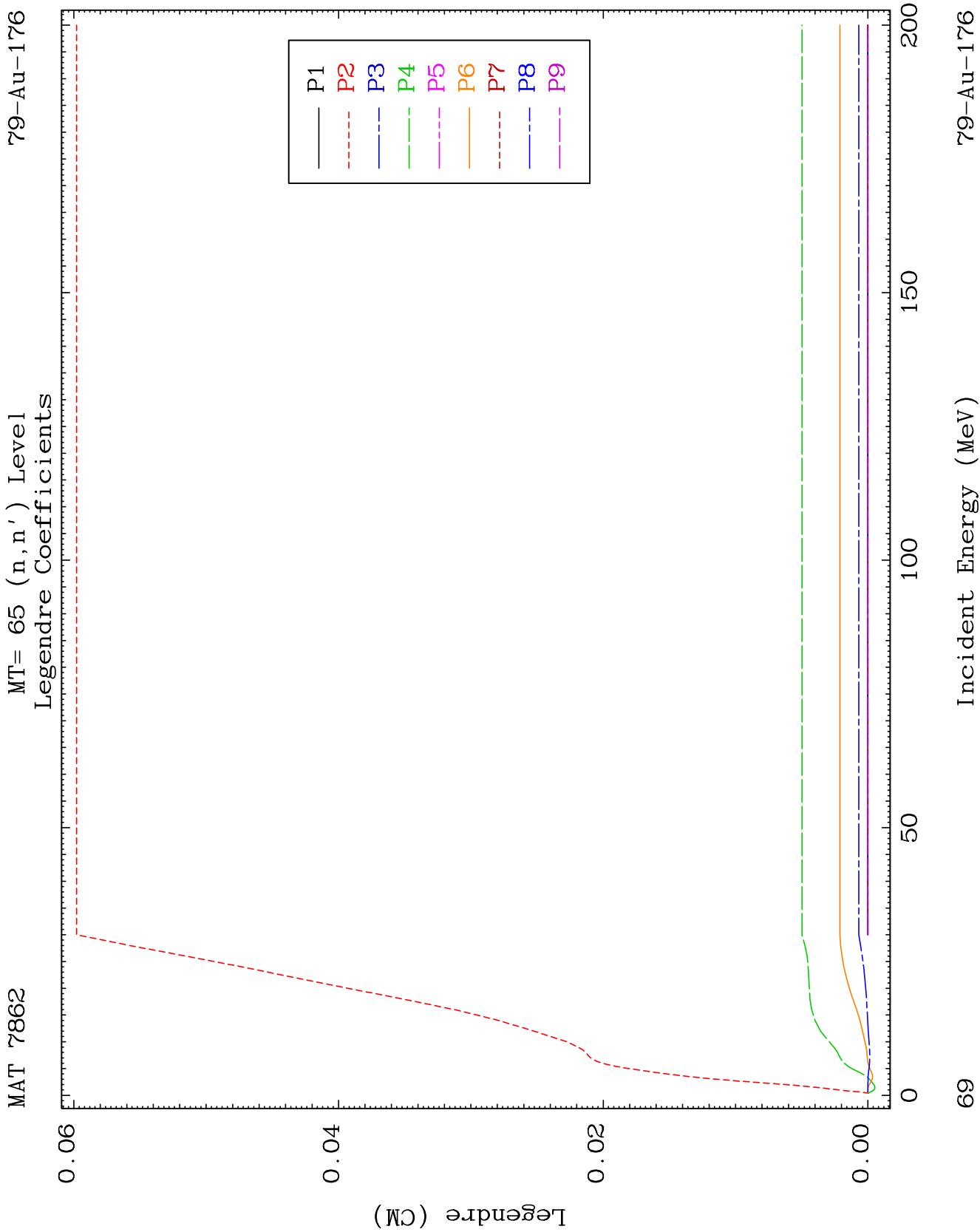
79-Au-176

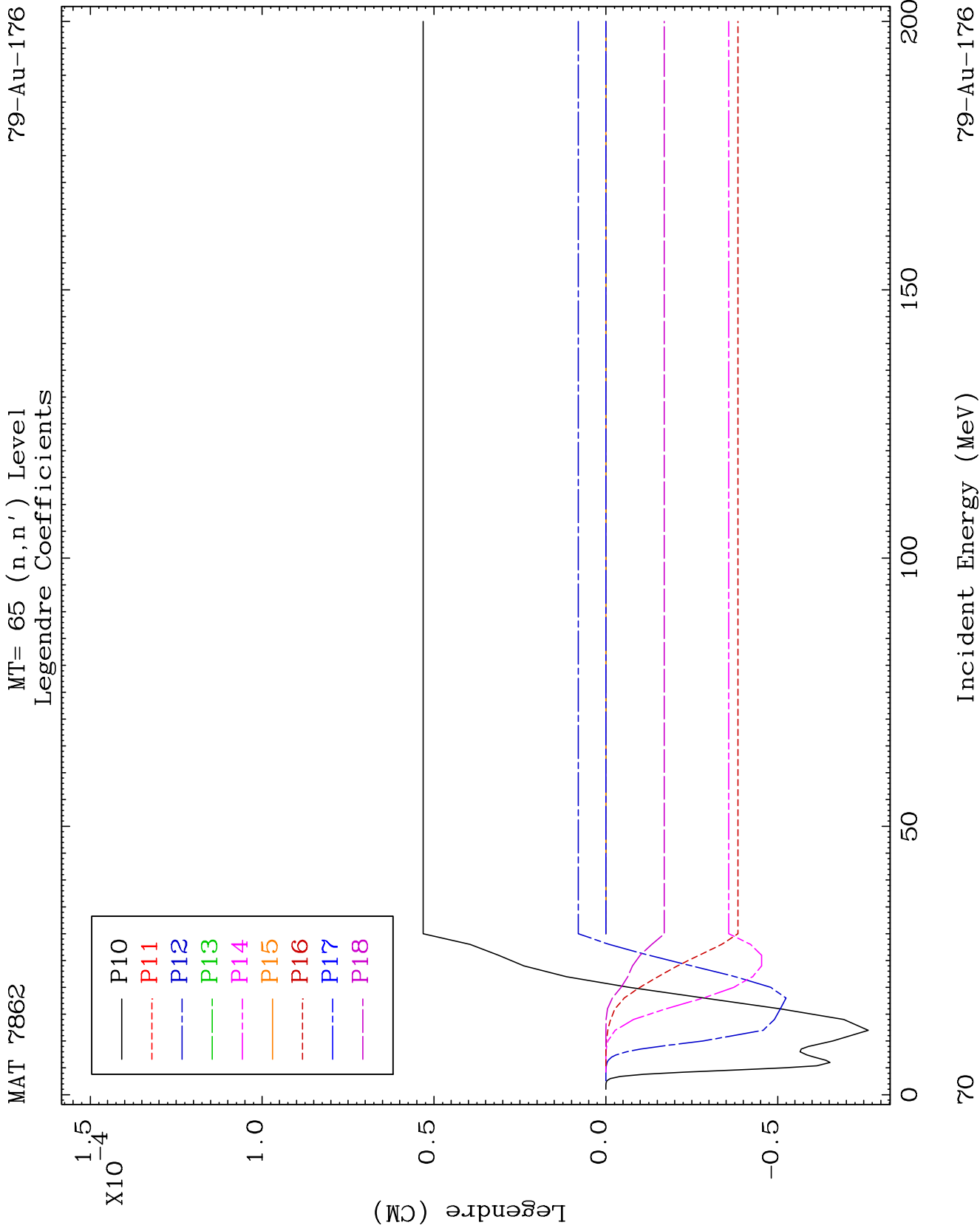


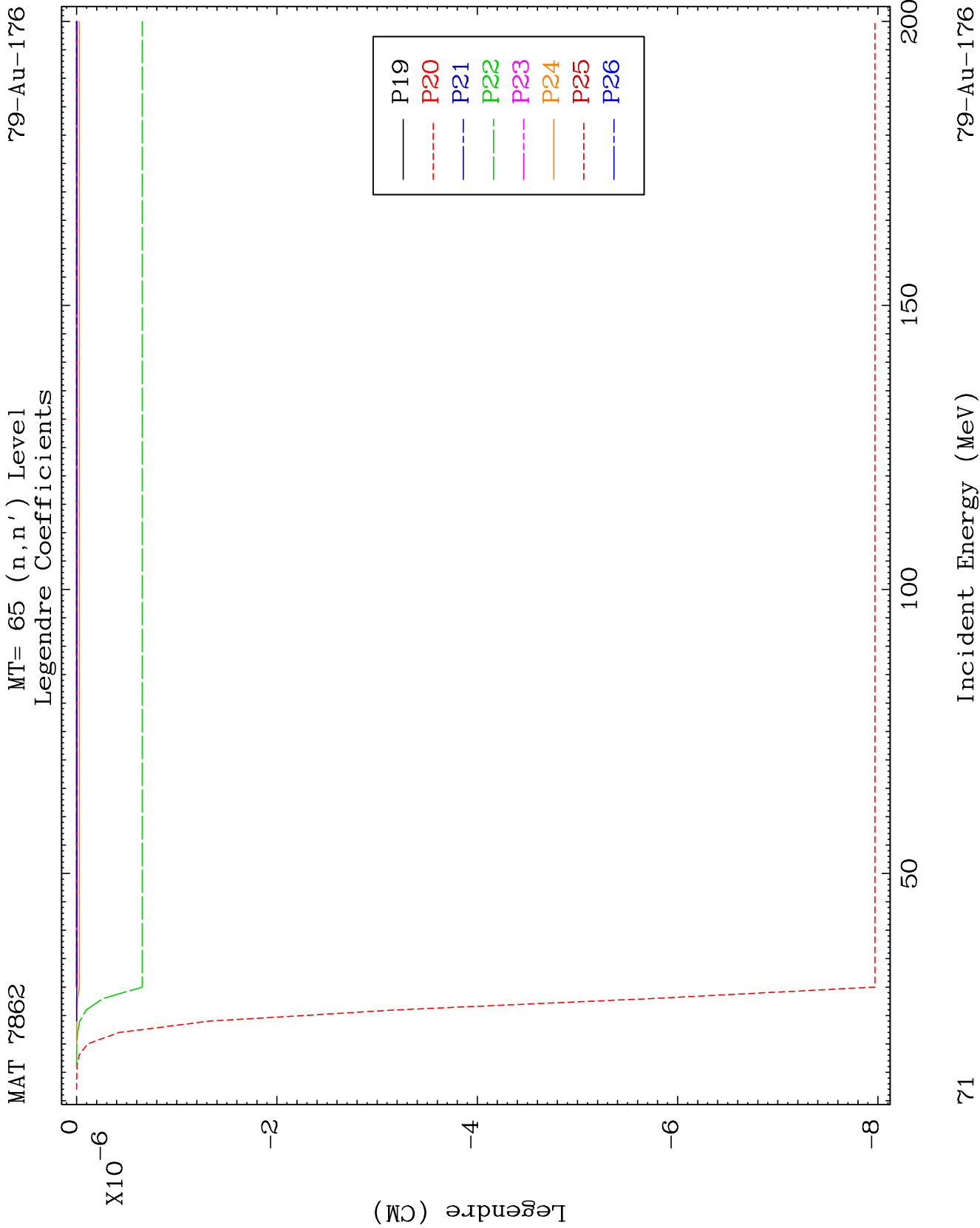


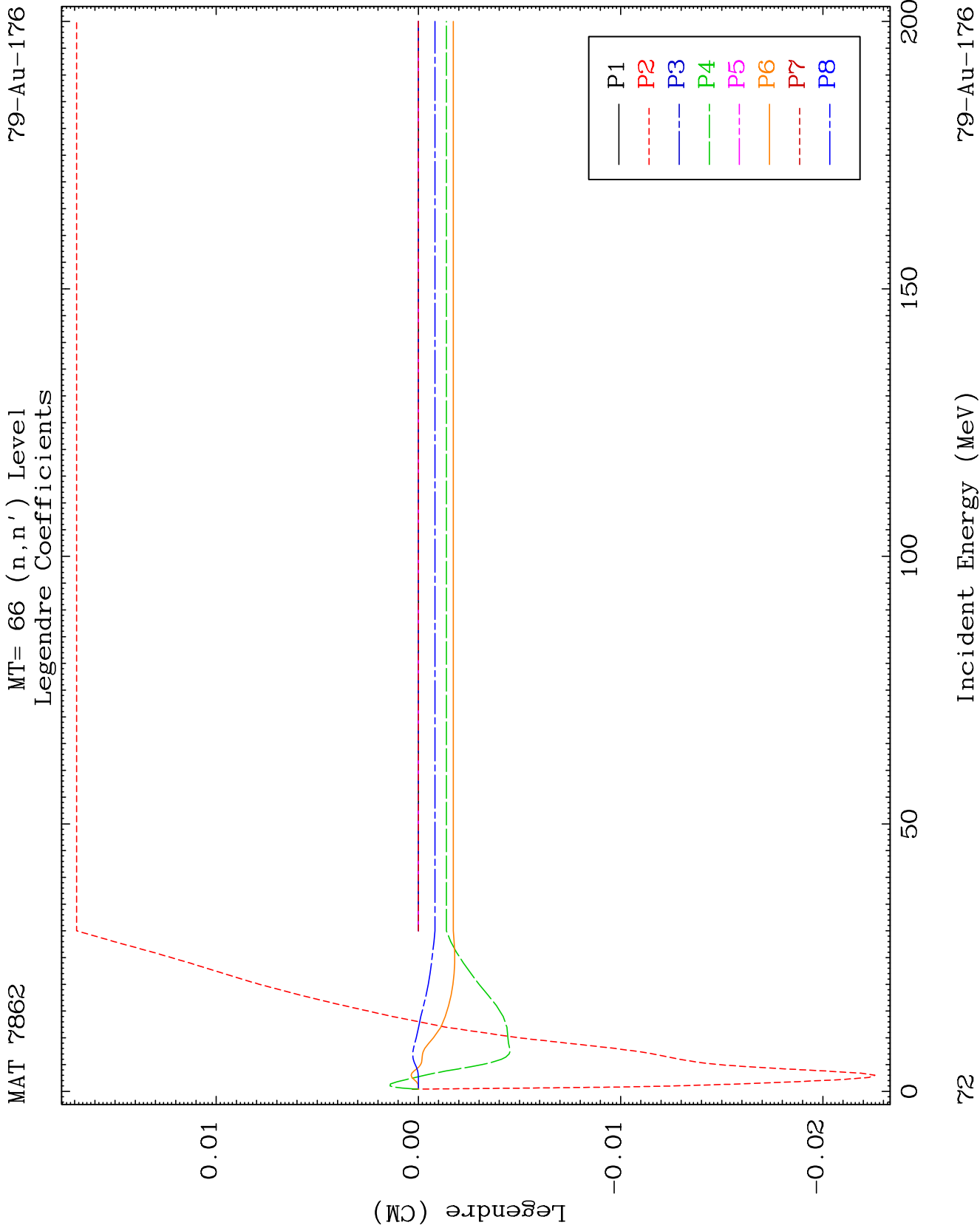








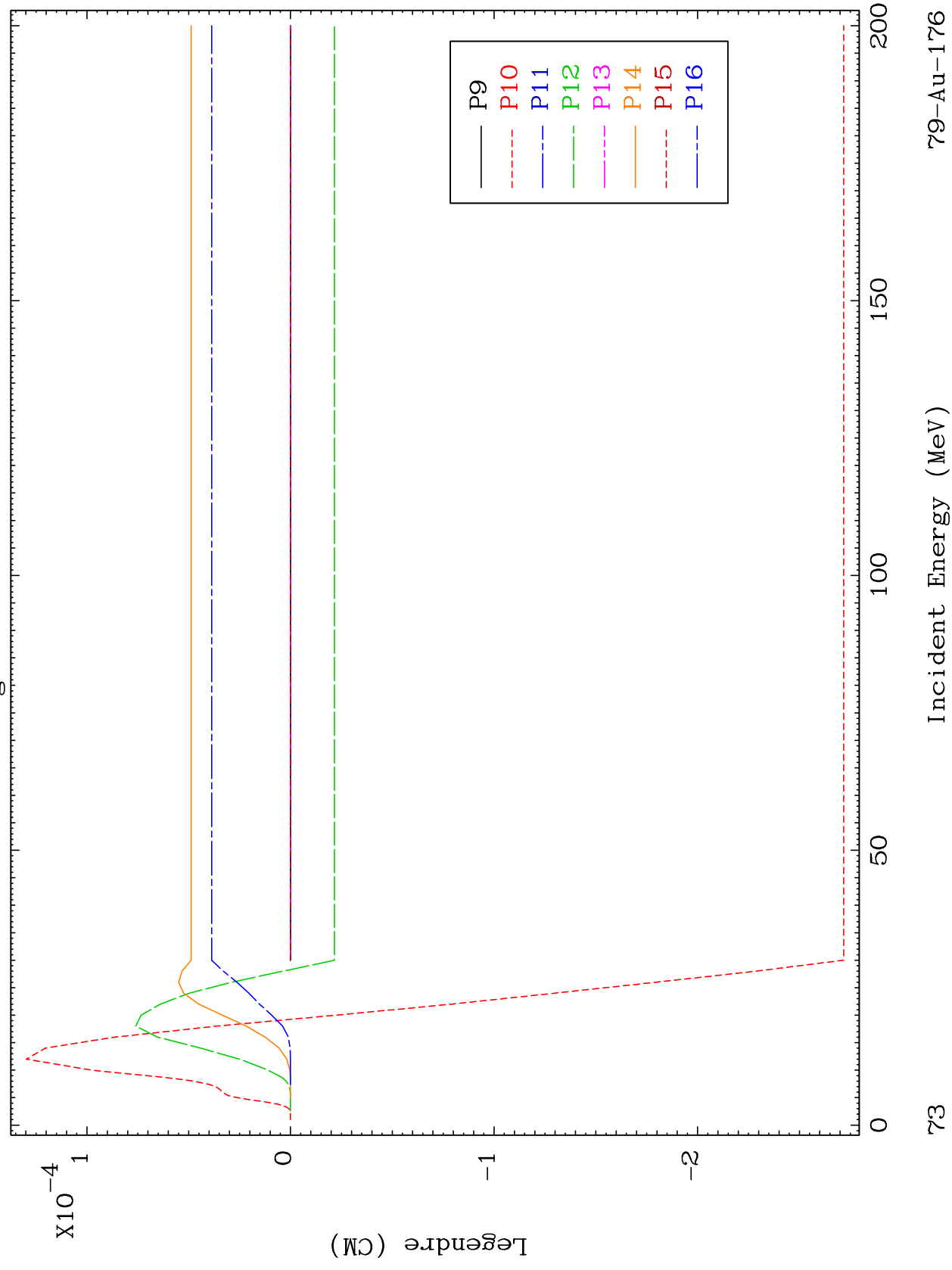


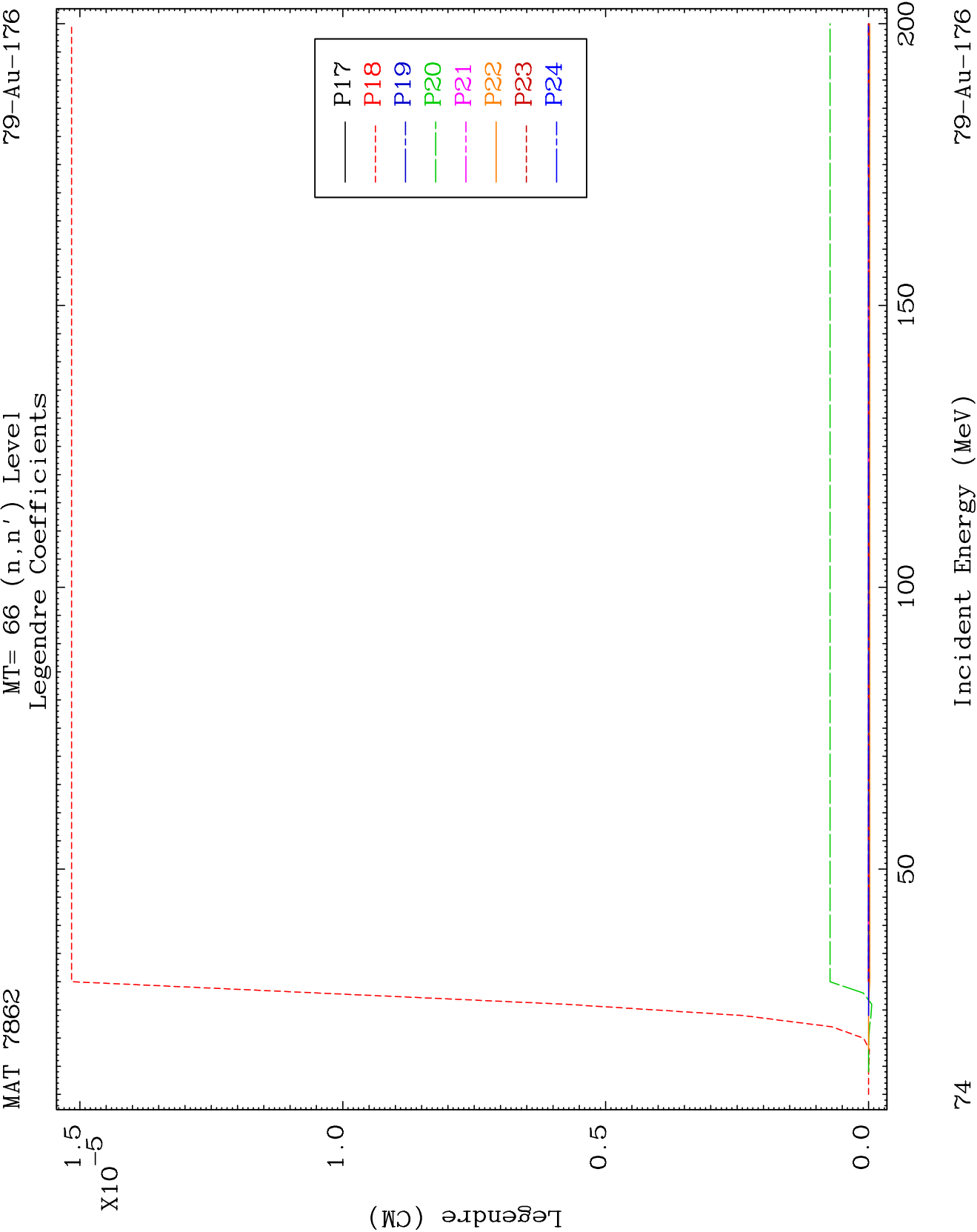


MAT 7862

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

79-Au-176

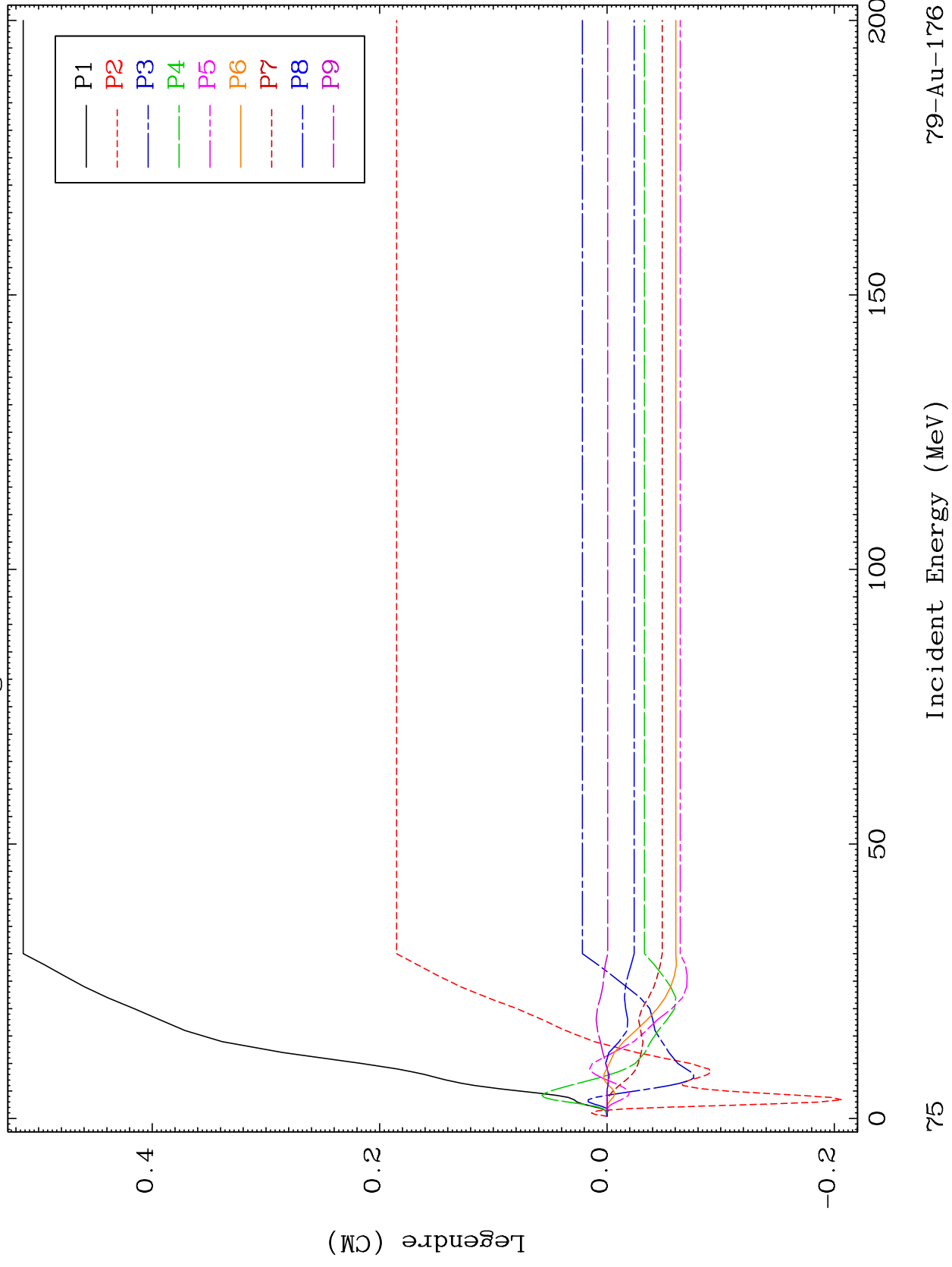


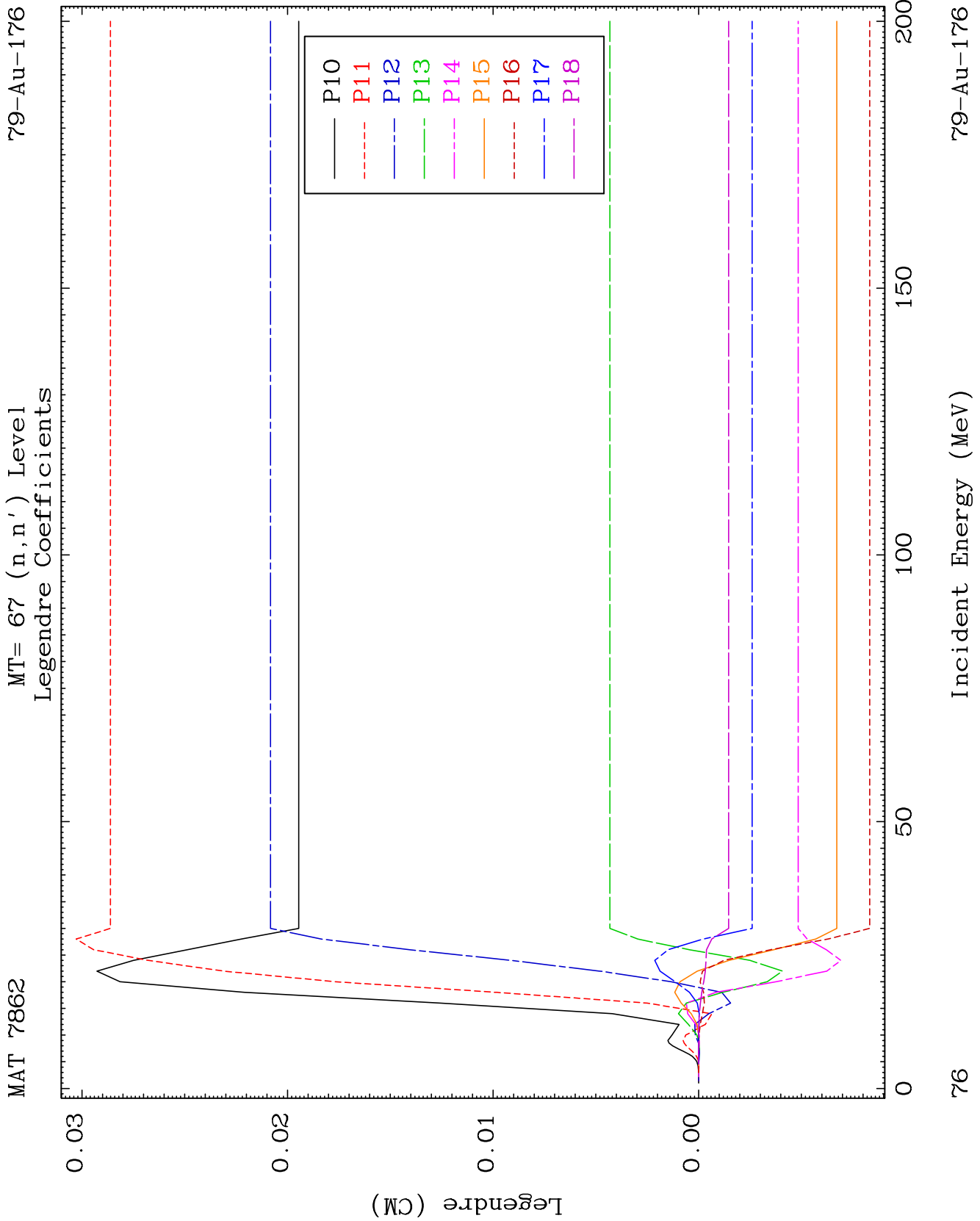


MAT 7862

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

79-Au-176

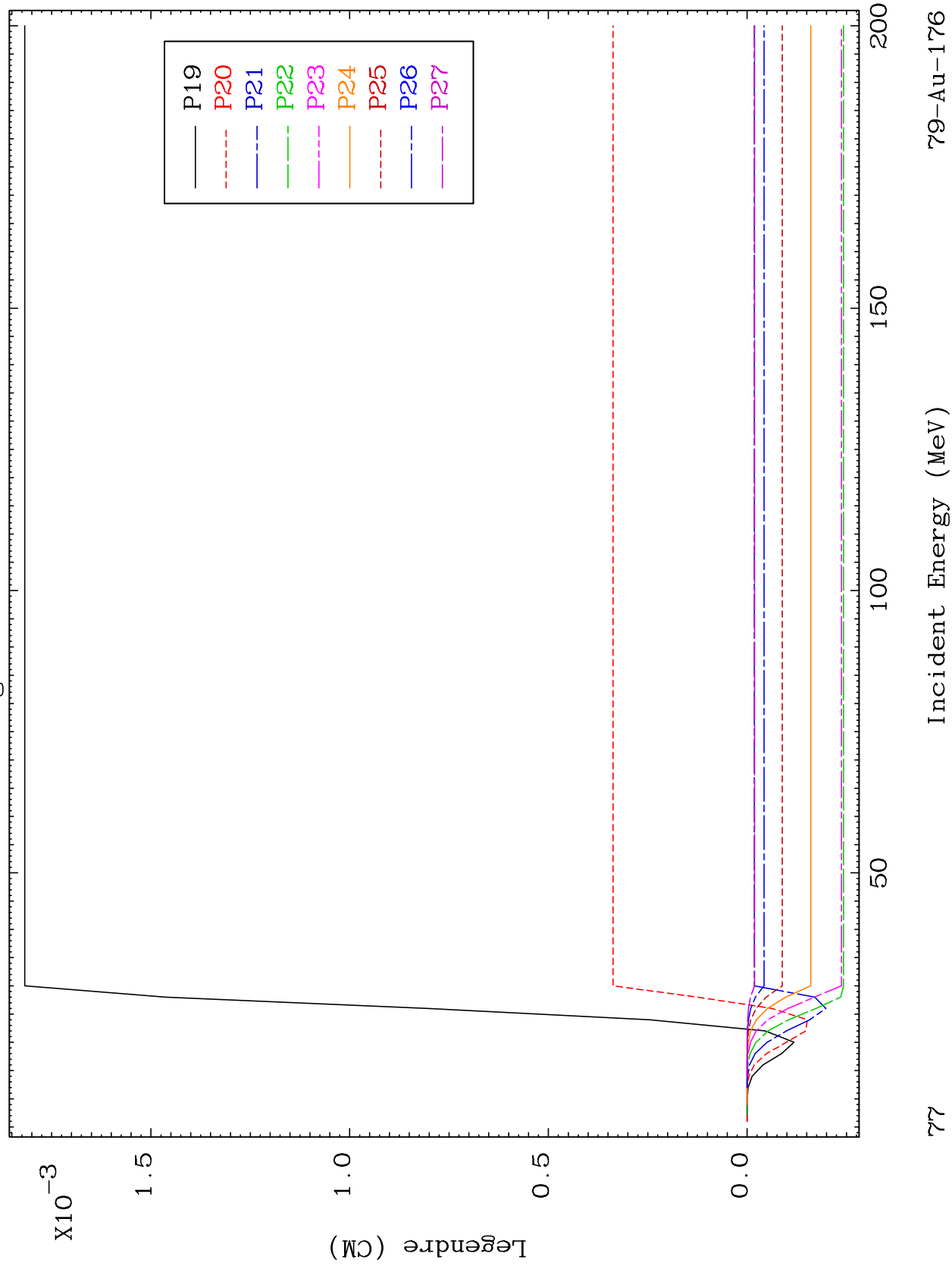


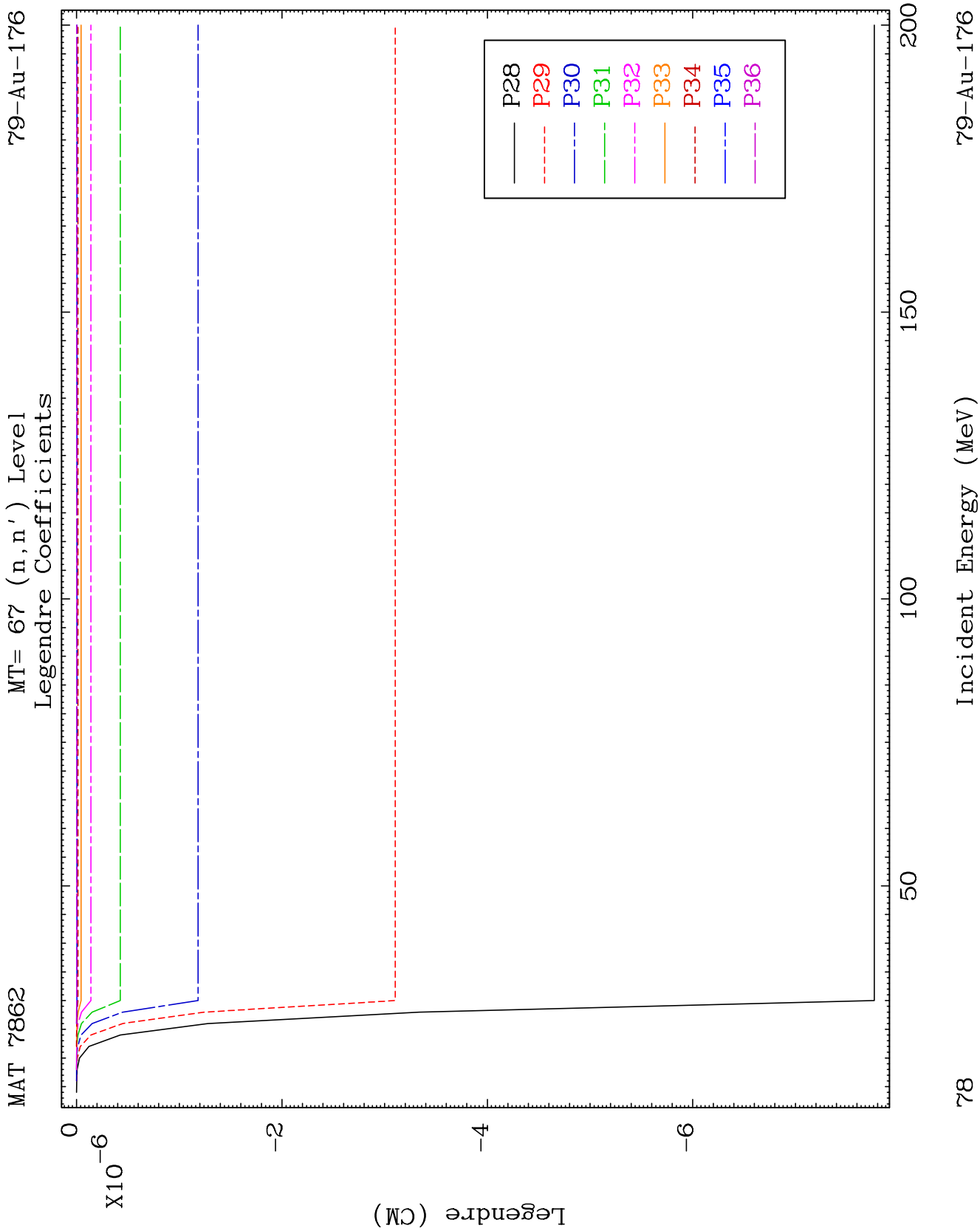


MAT 7862

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

79-Au-176

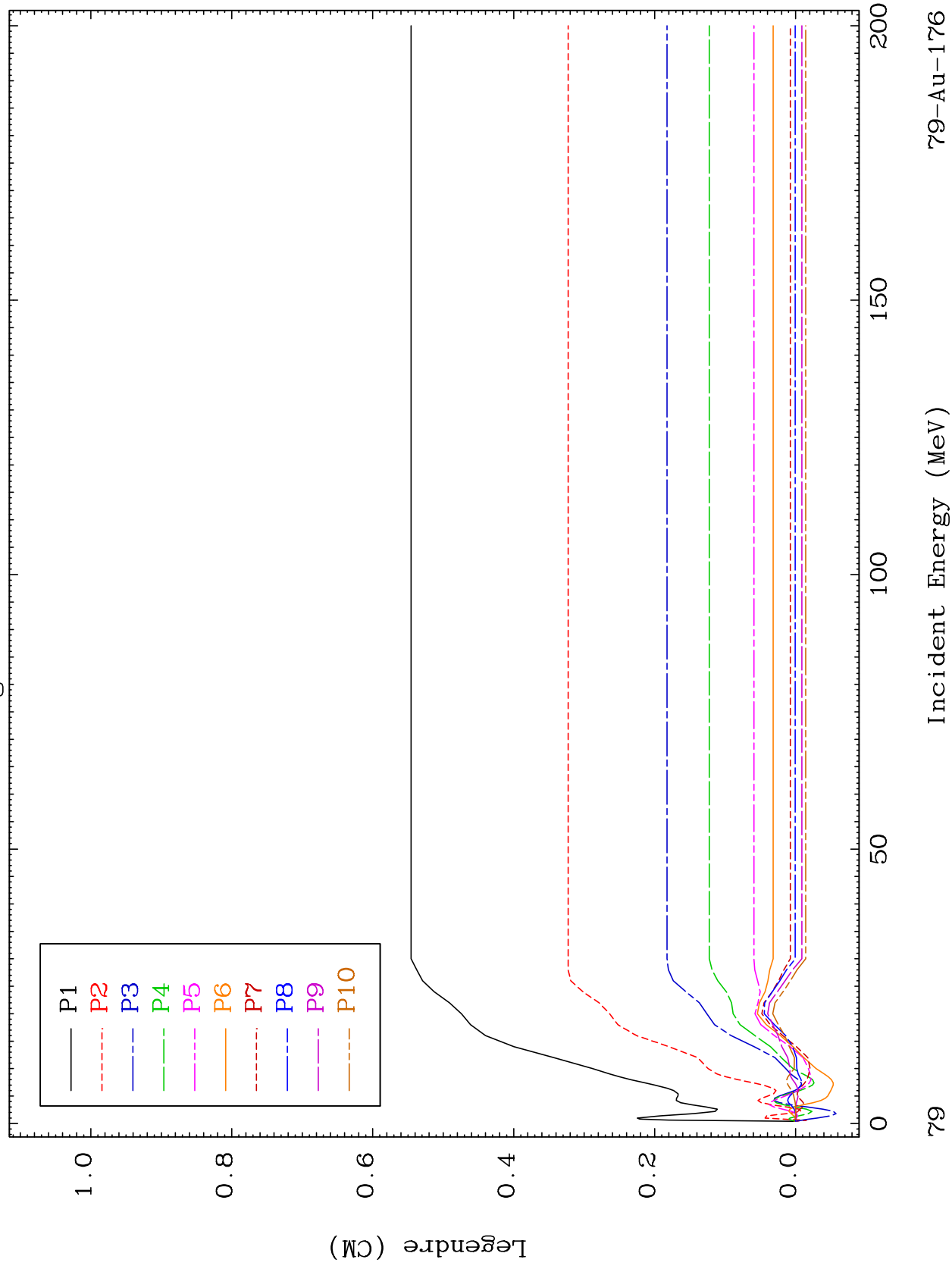




MAT 7862

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

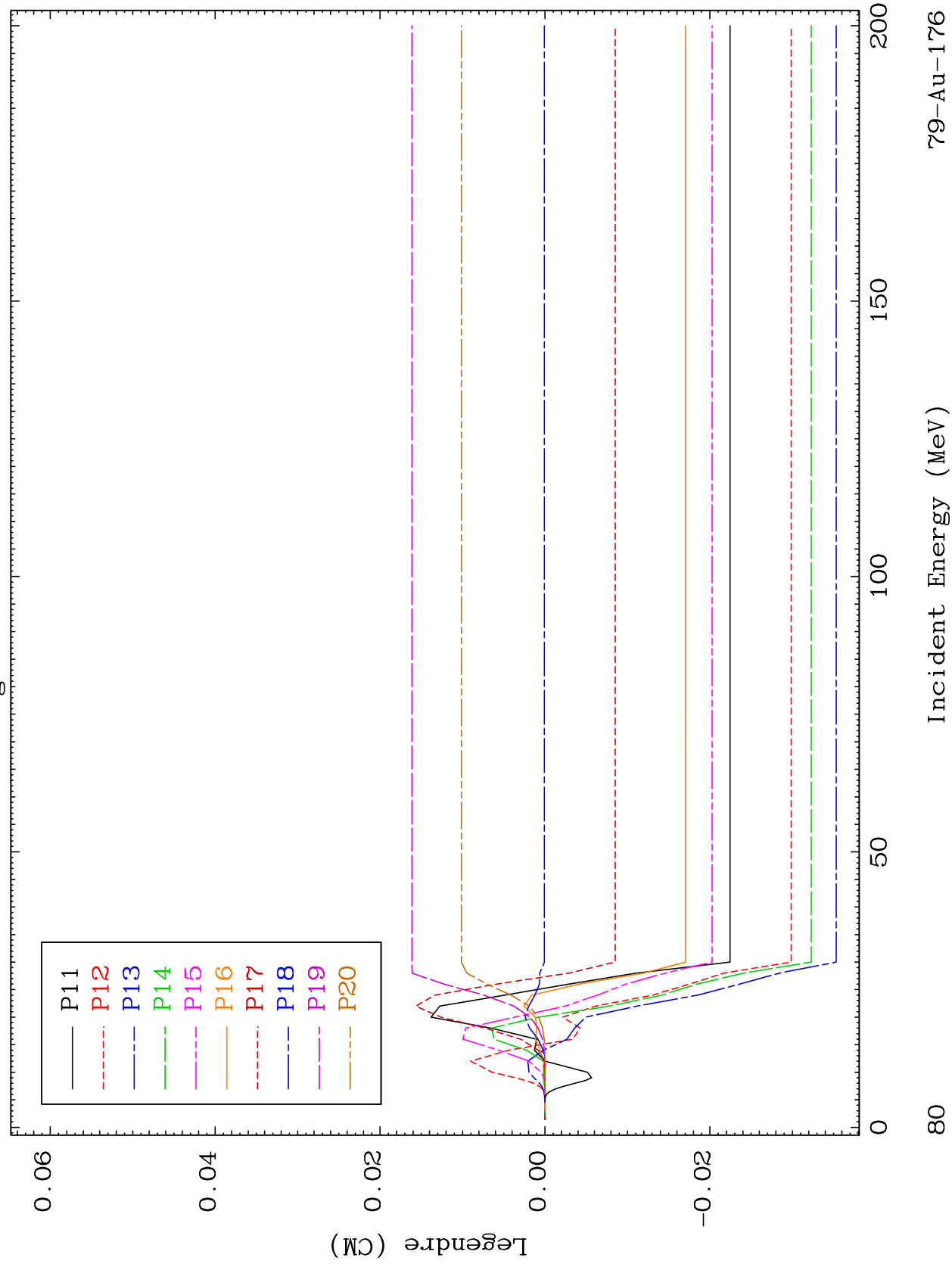
79-Au-176

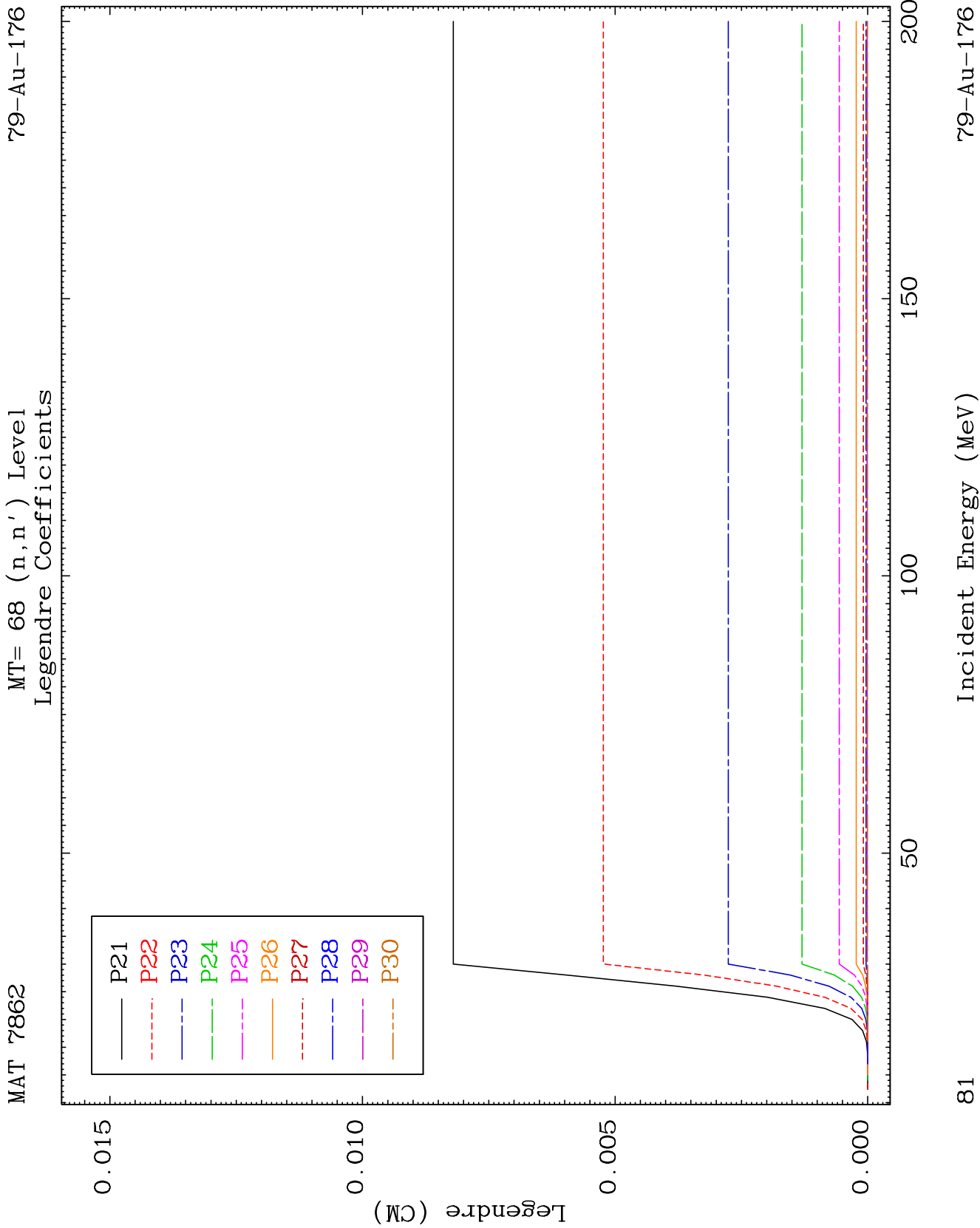


MAT 7862

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

79-Au-176

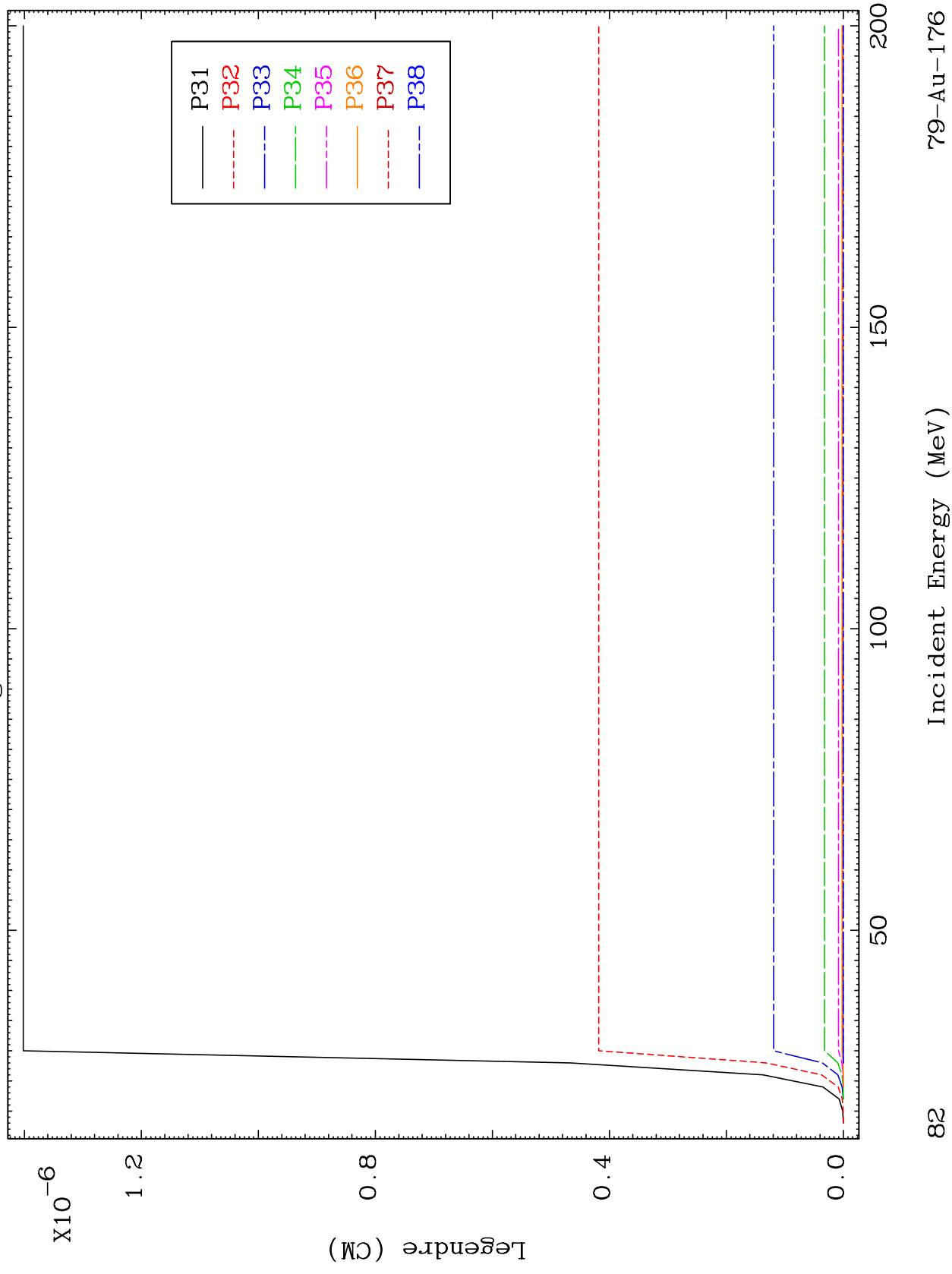




MAT 7862

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

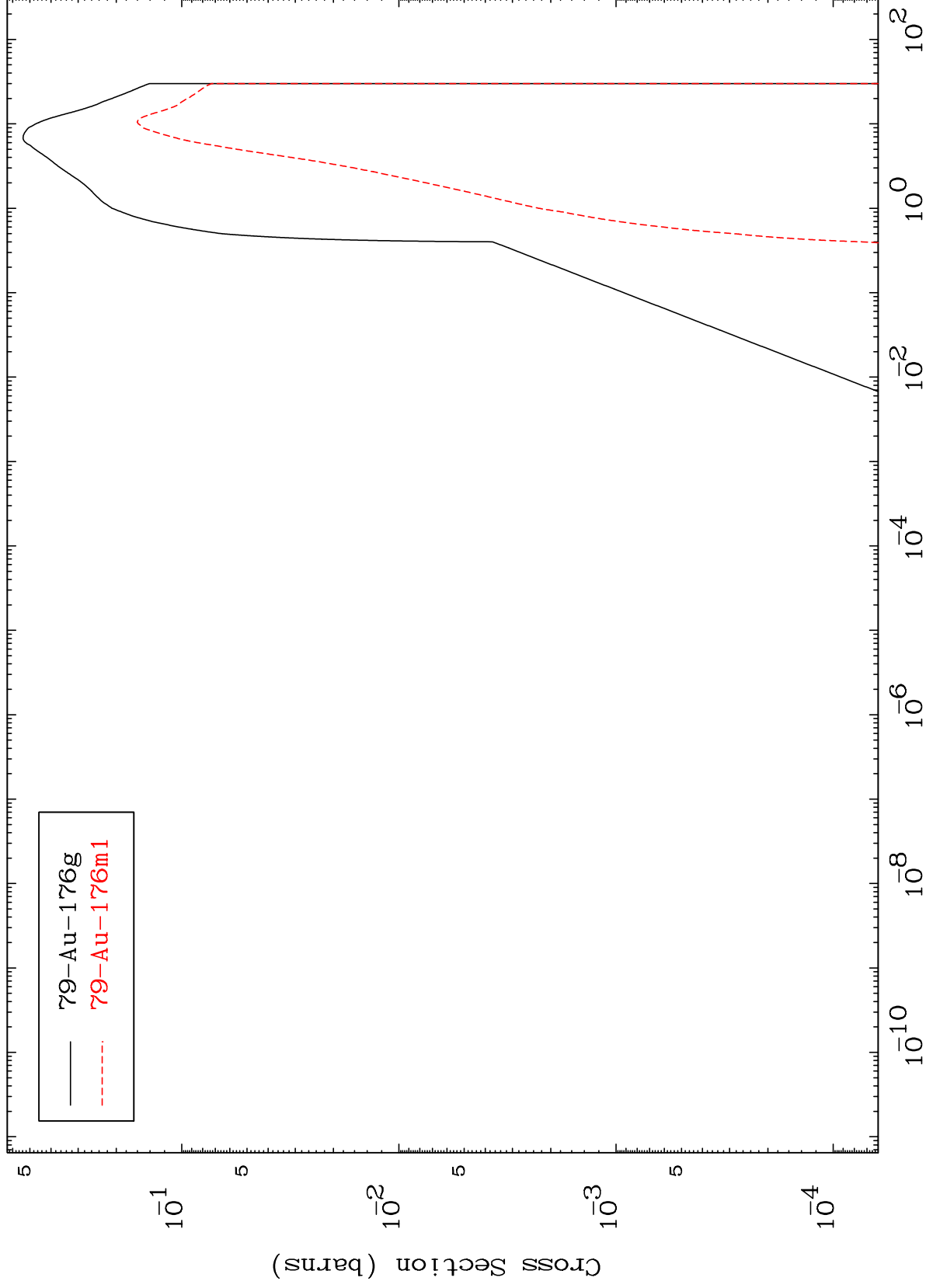
79-Au-176



MAT 7862

Inelastic
Radionuclide Production Cross Section

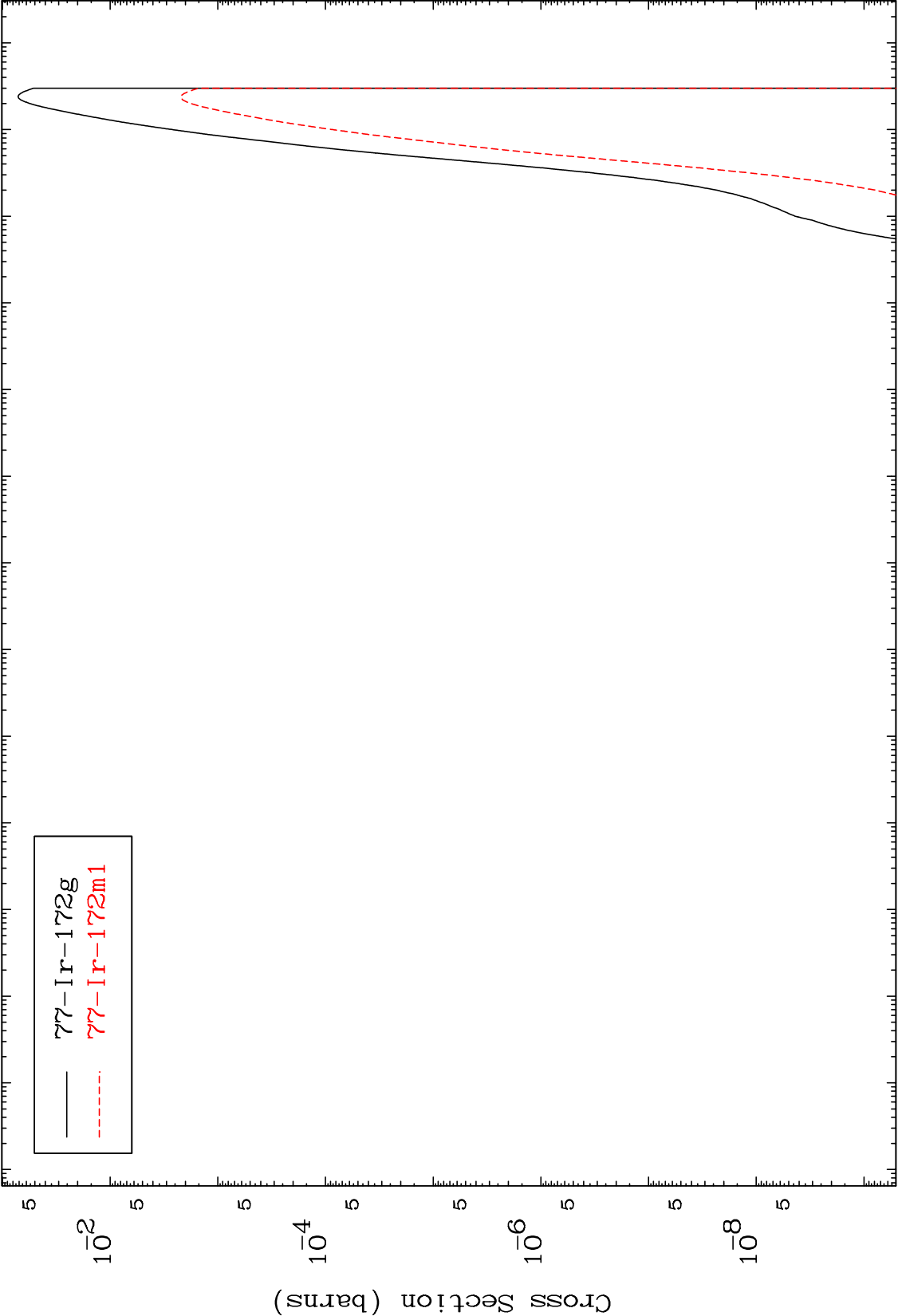
$^{79}\text{Au-176}$



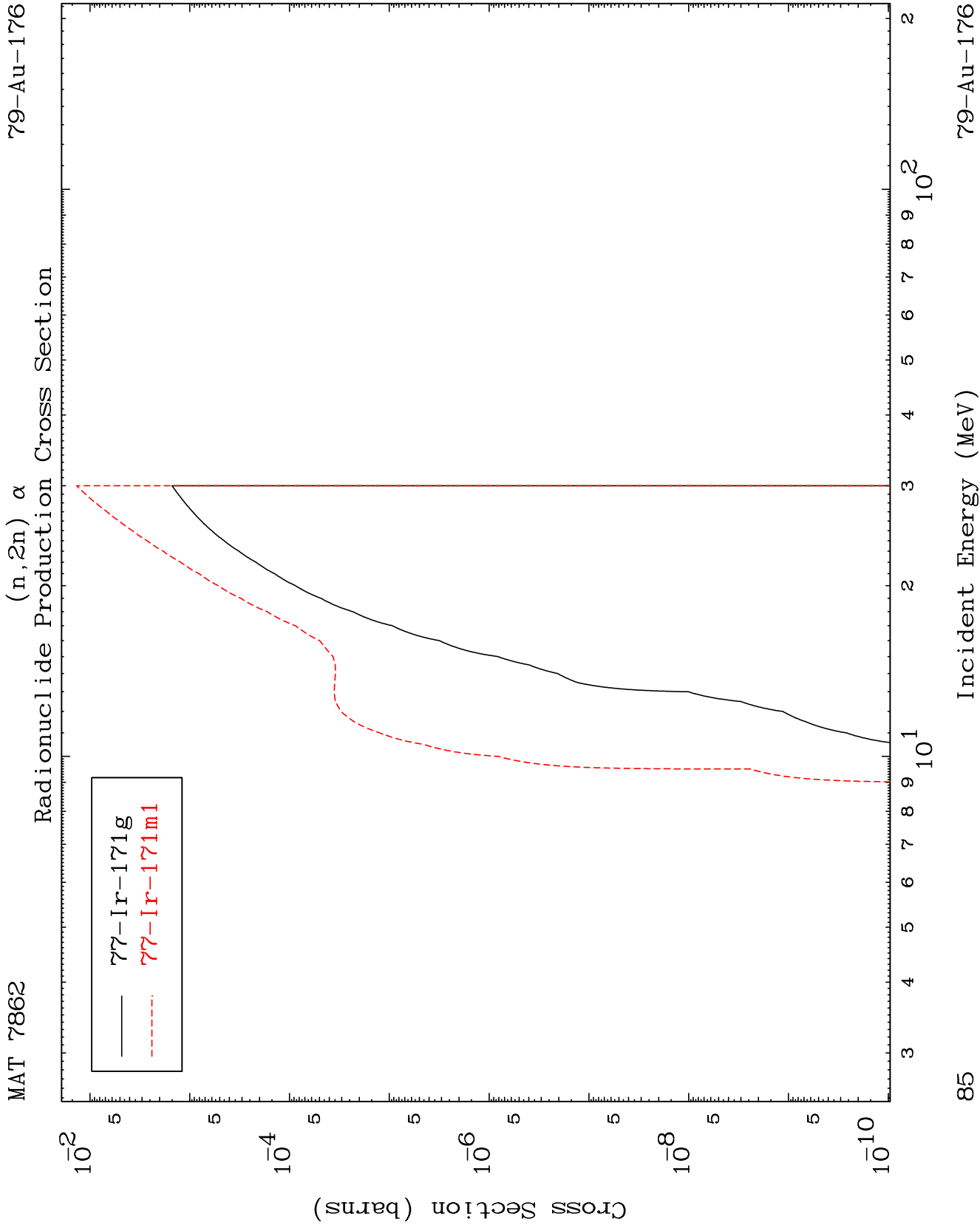
83

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

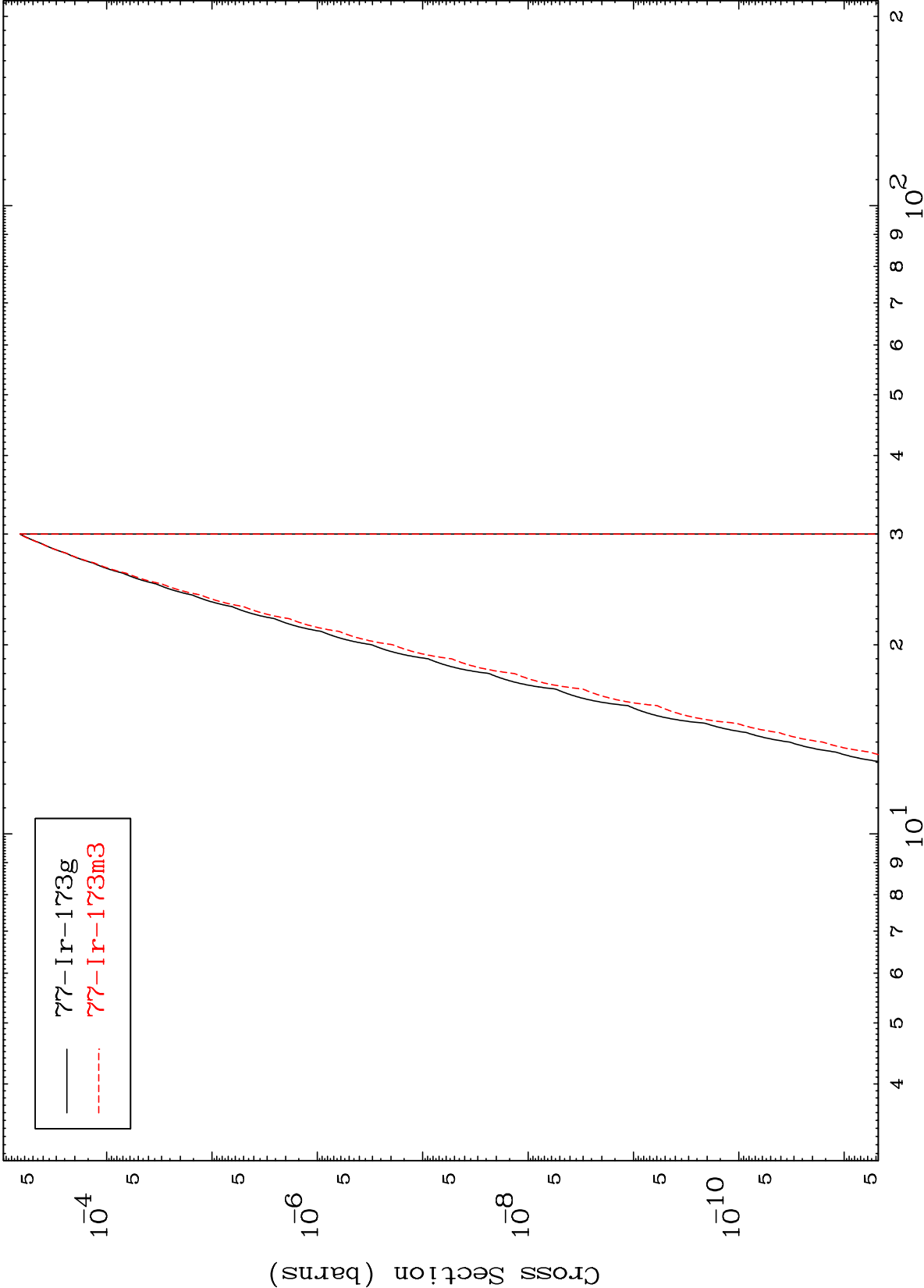
Radionuclide Production Cross Section



$^{77}\text{Ir-172g}$
 $^{77}\text{Ir-172m1}$



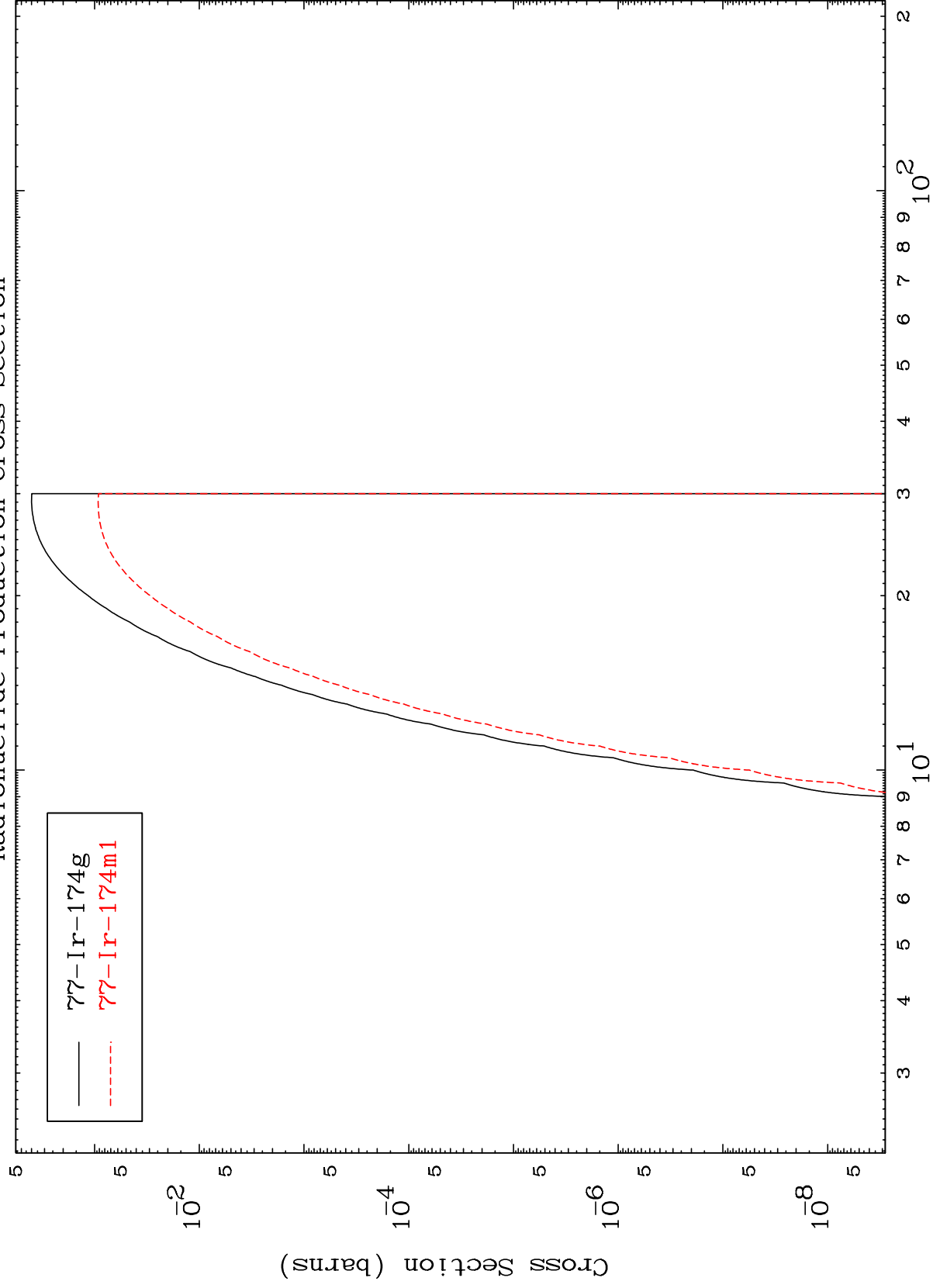
Radionuclide Production Cross Section



MAT 7862

79-Au-176

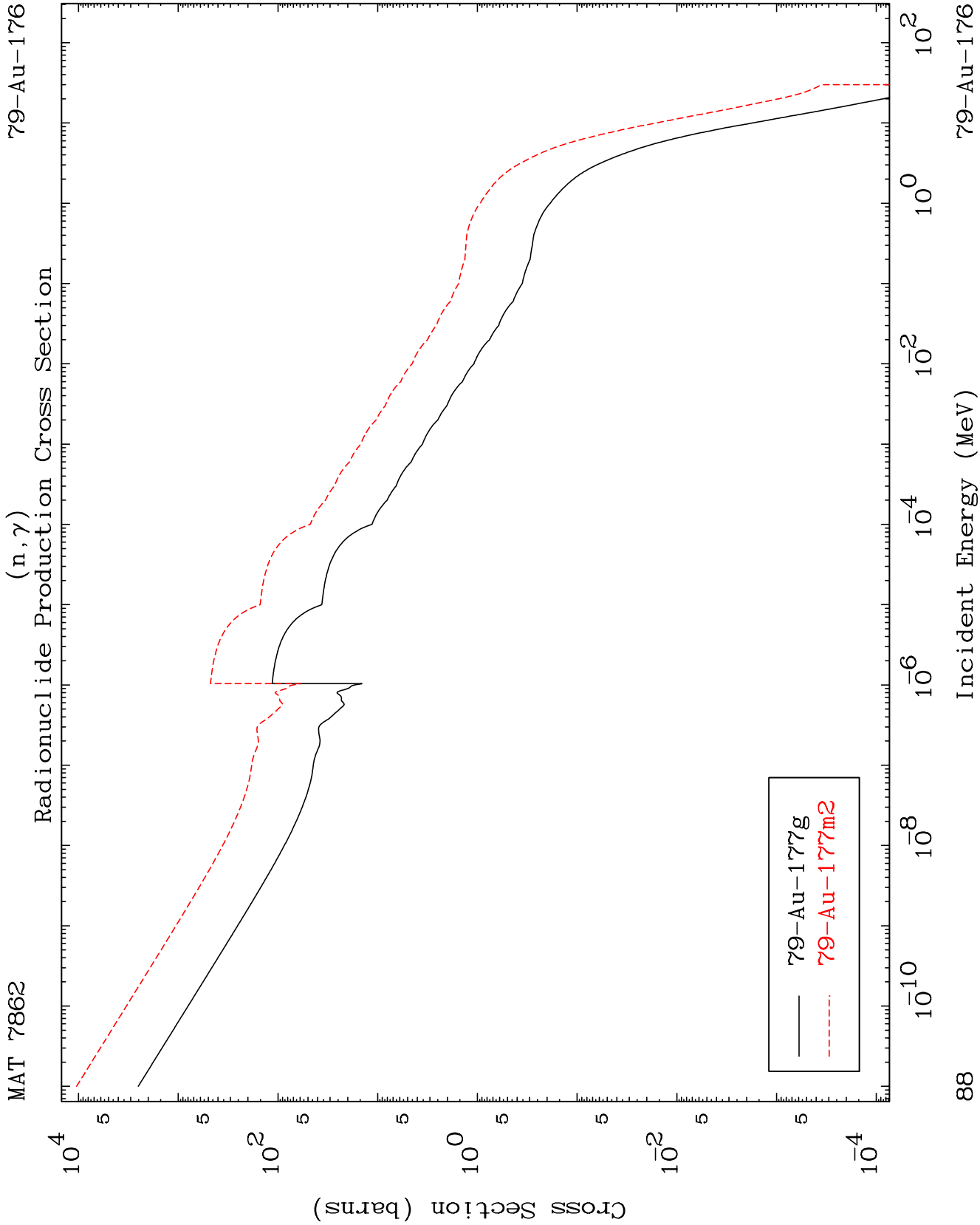
(n,2n) p
Radionuclide Production Cross Section



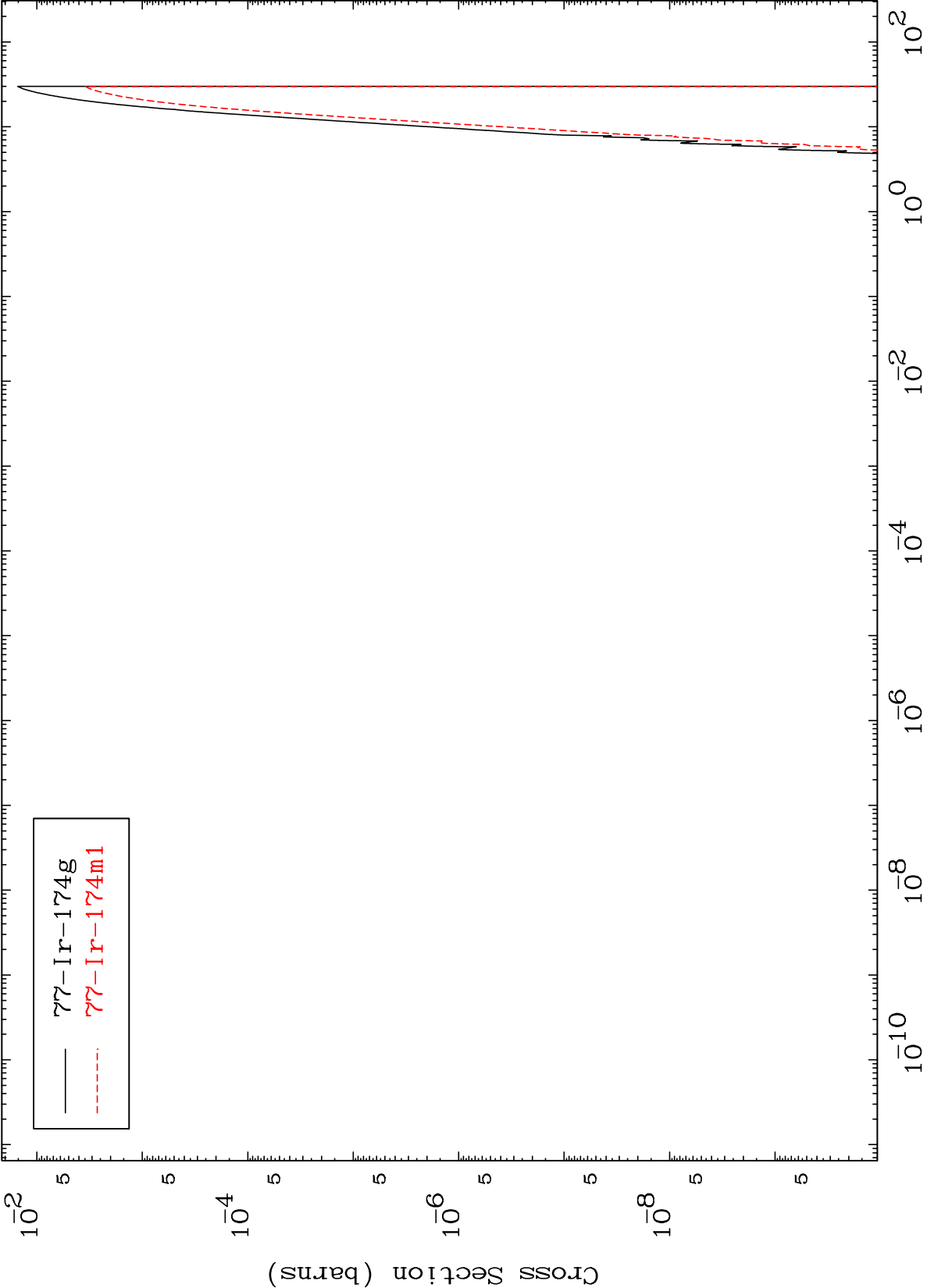
87

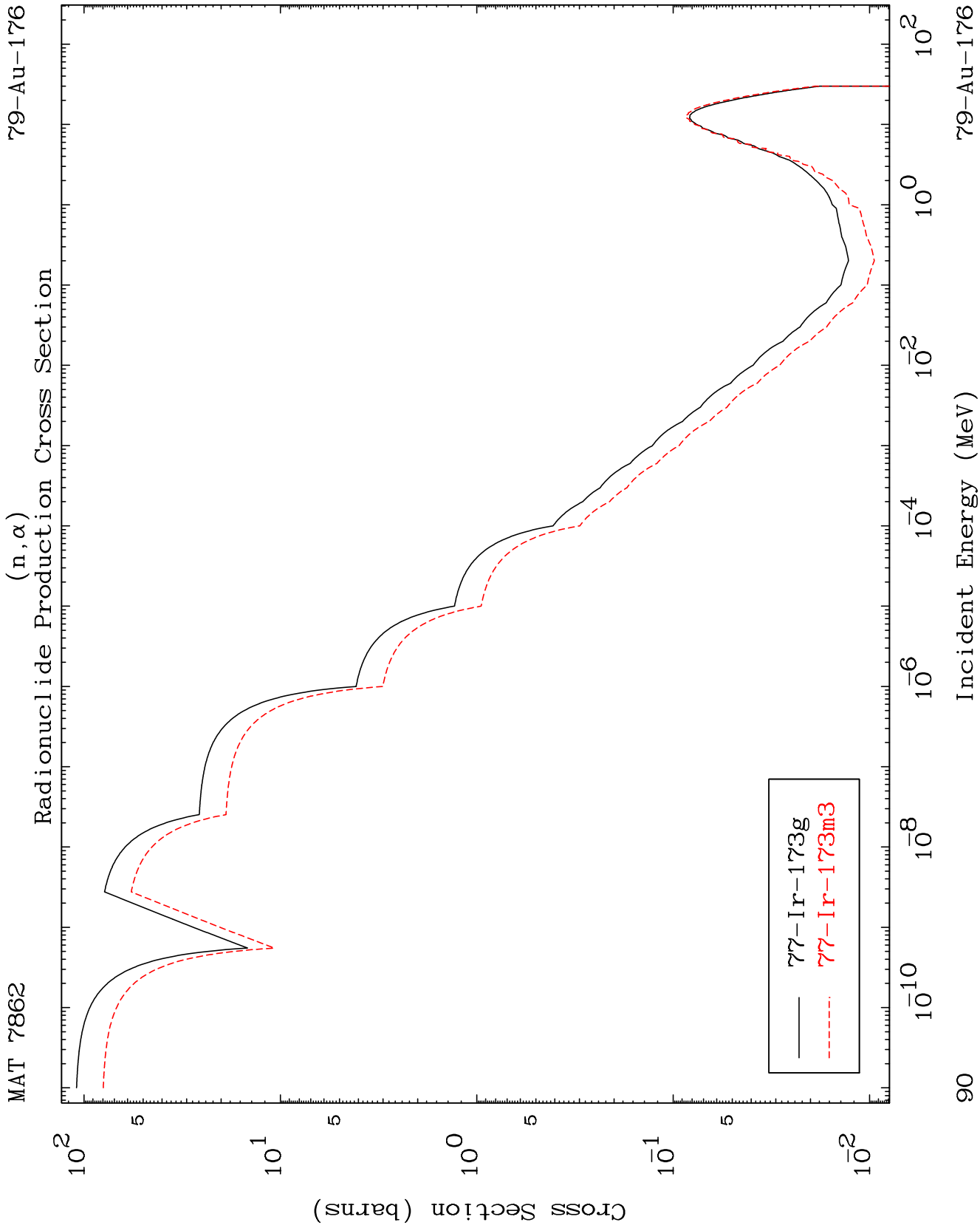
Incident Energy (MeV)

79-Au-176



Radionuclide Production Cross Section

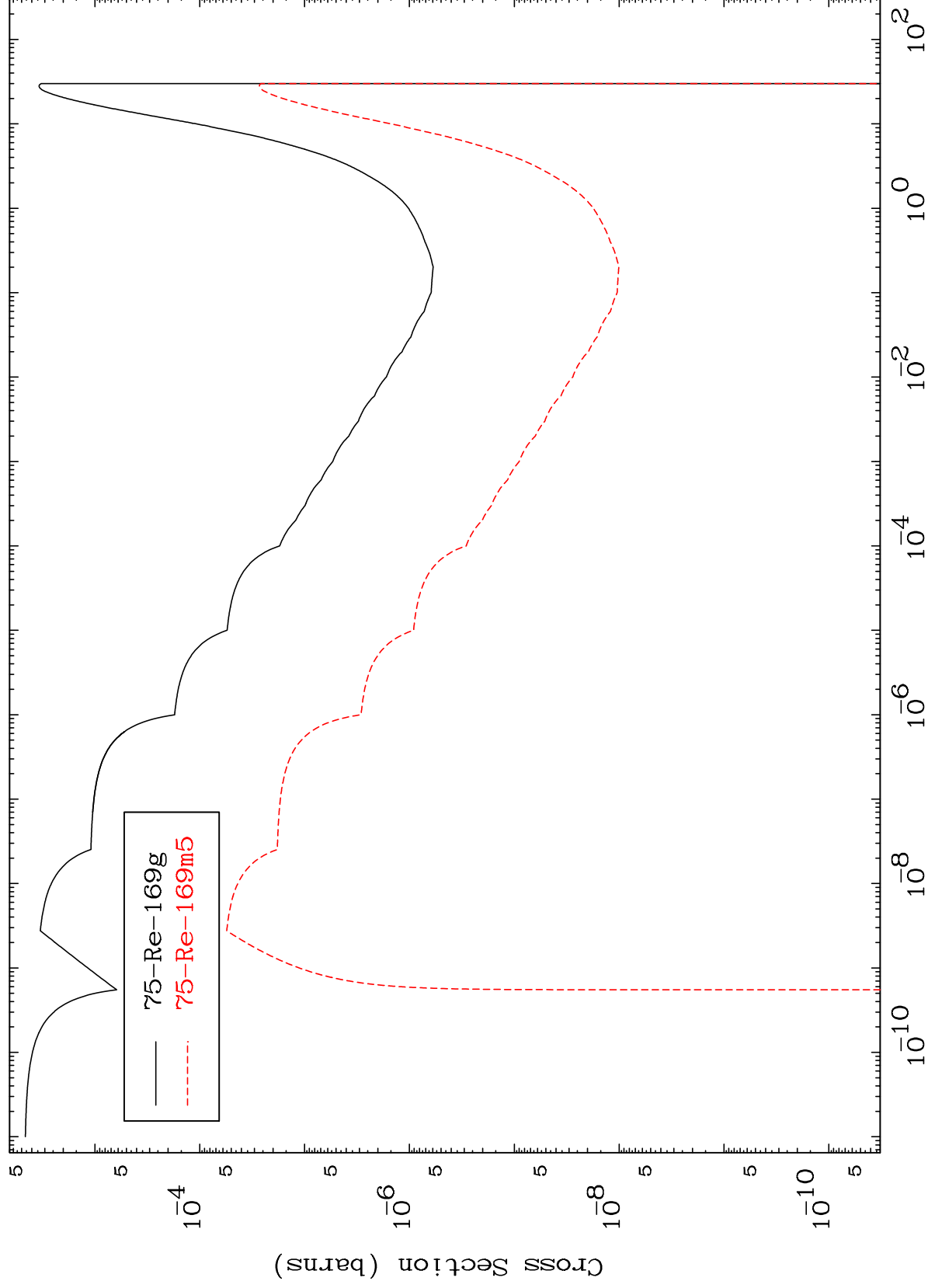




MAT 7862

79-Au-176

(n,2α)
Radionuclide Production Cross Section



91

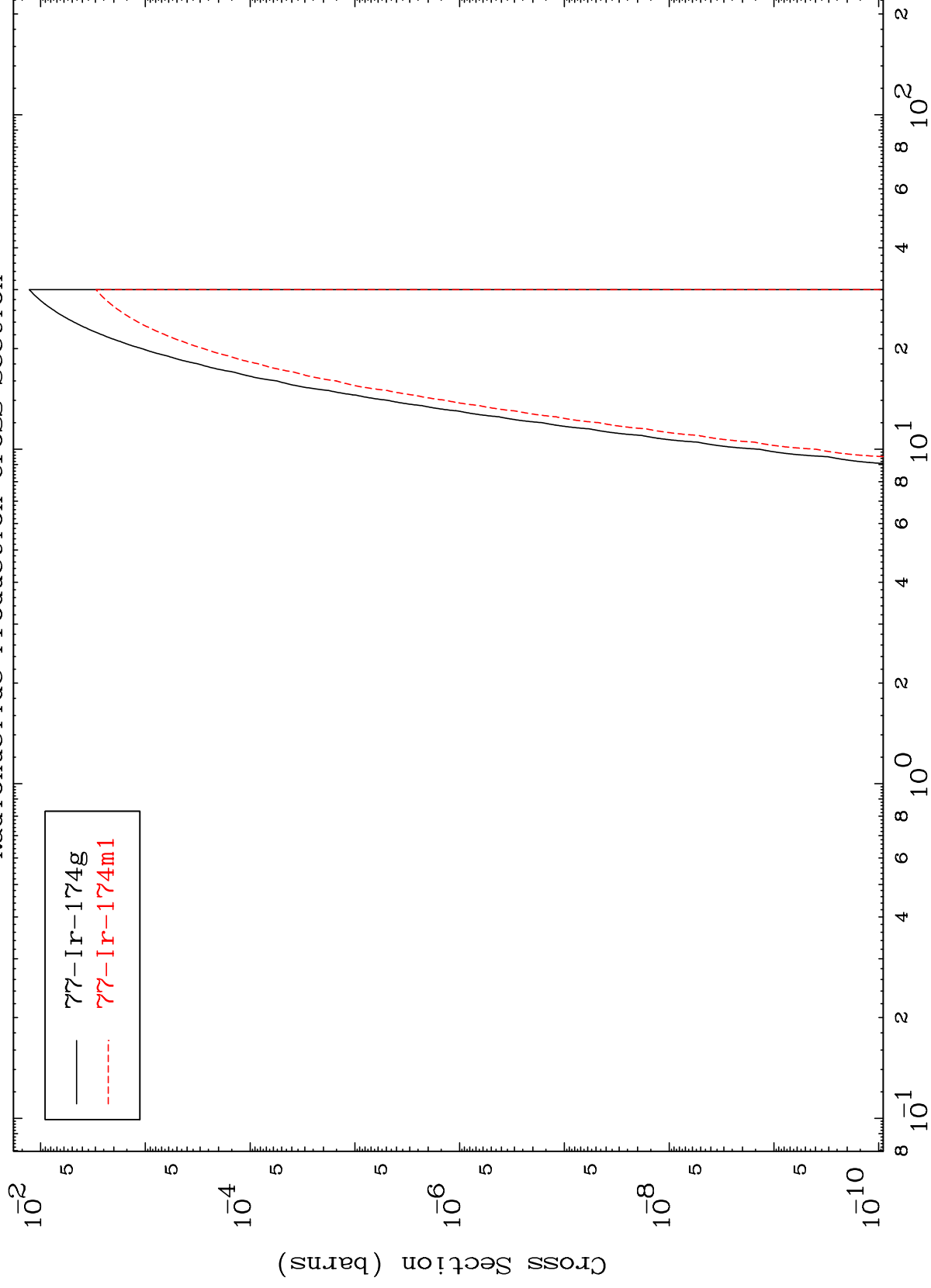
79-Au-176

MAT 7862

(n,p) d

⁷⁹Au-176

Radionuclide Production Cross Section



⁷⁷Ir-174g
⁷⁷Ir-174m1

92

Incident Energy (MeV)

⁷⁹Au-176

Radionuclide Production Cross Section

