

Program EVALPLOT
(Version 2018-1)

by

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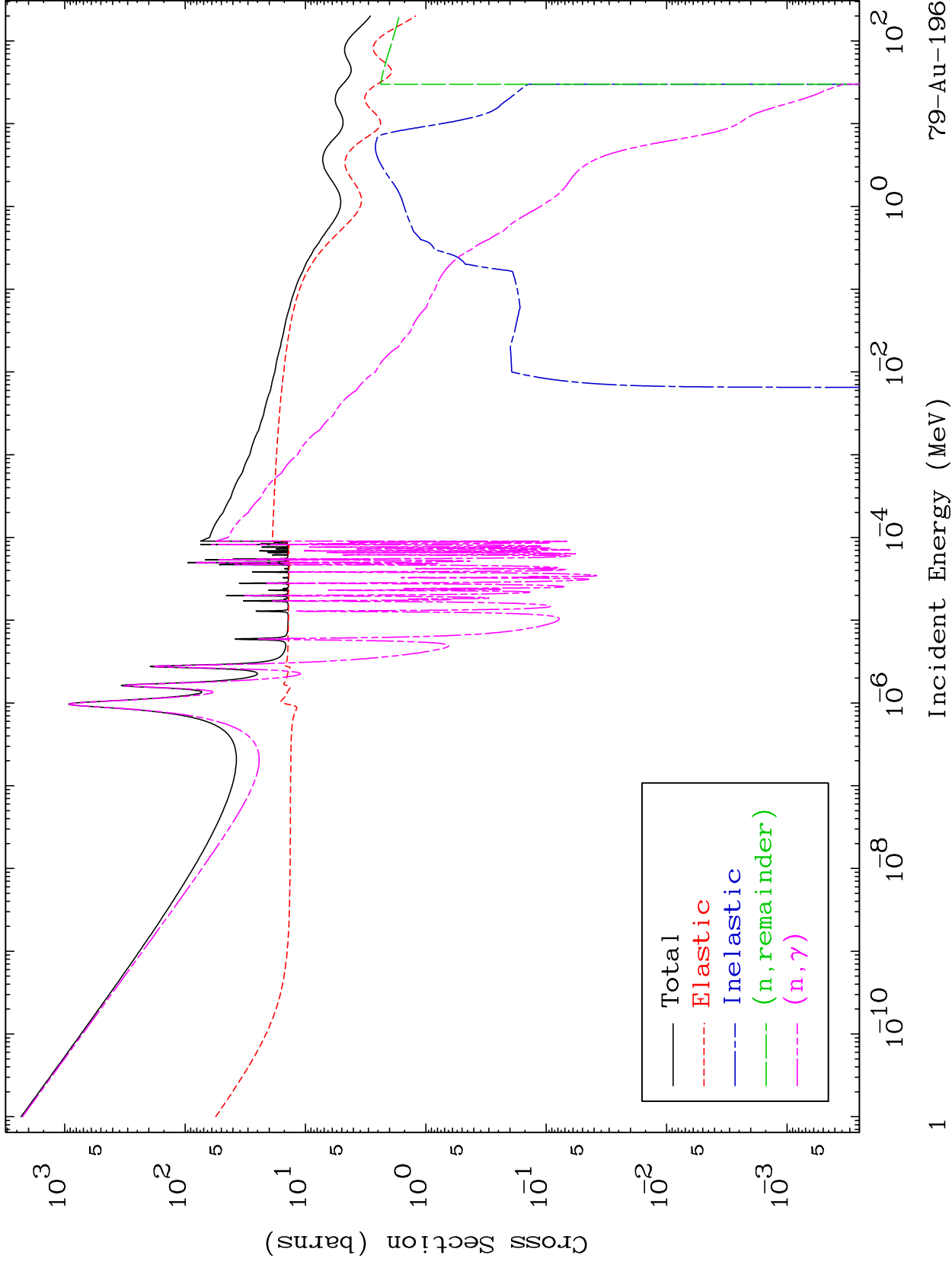
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Press Mouse Button to Start

MAT 7922

Major
293 Kelvin Cross Sections

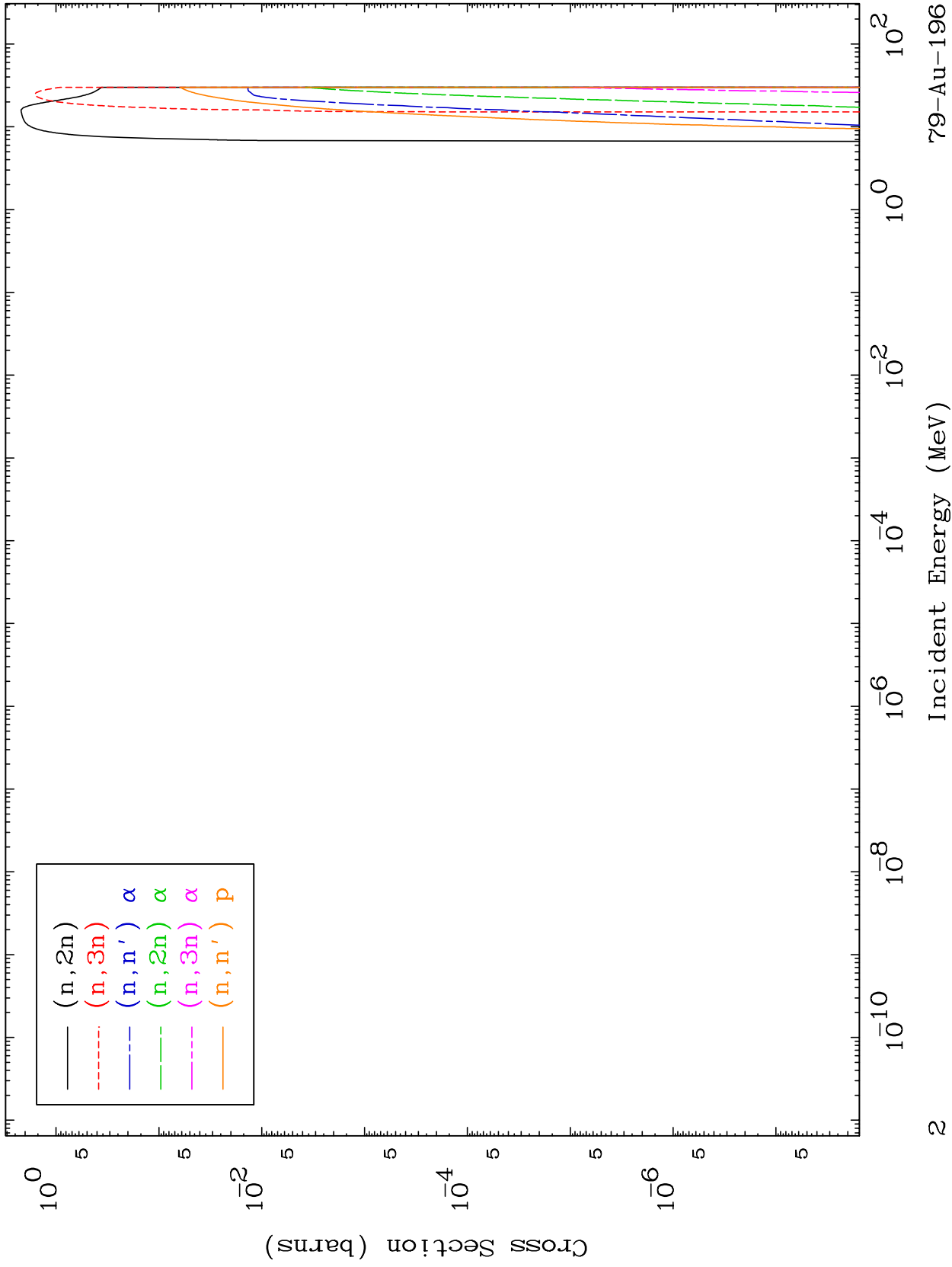
79-Au-196



MAT 7922

Neutron Production
293 Kelvin Cross Sections

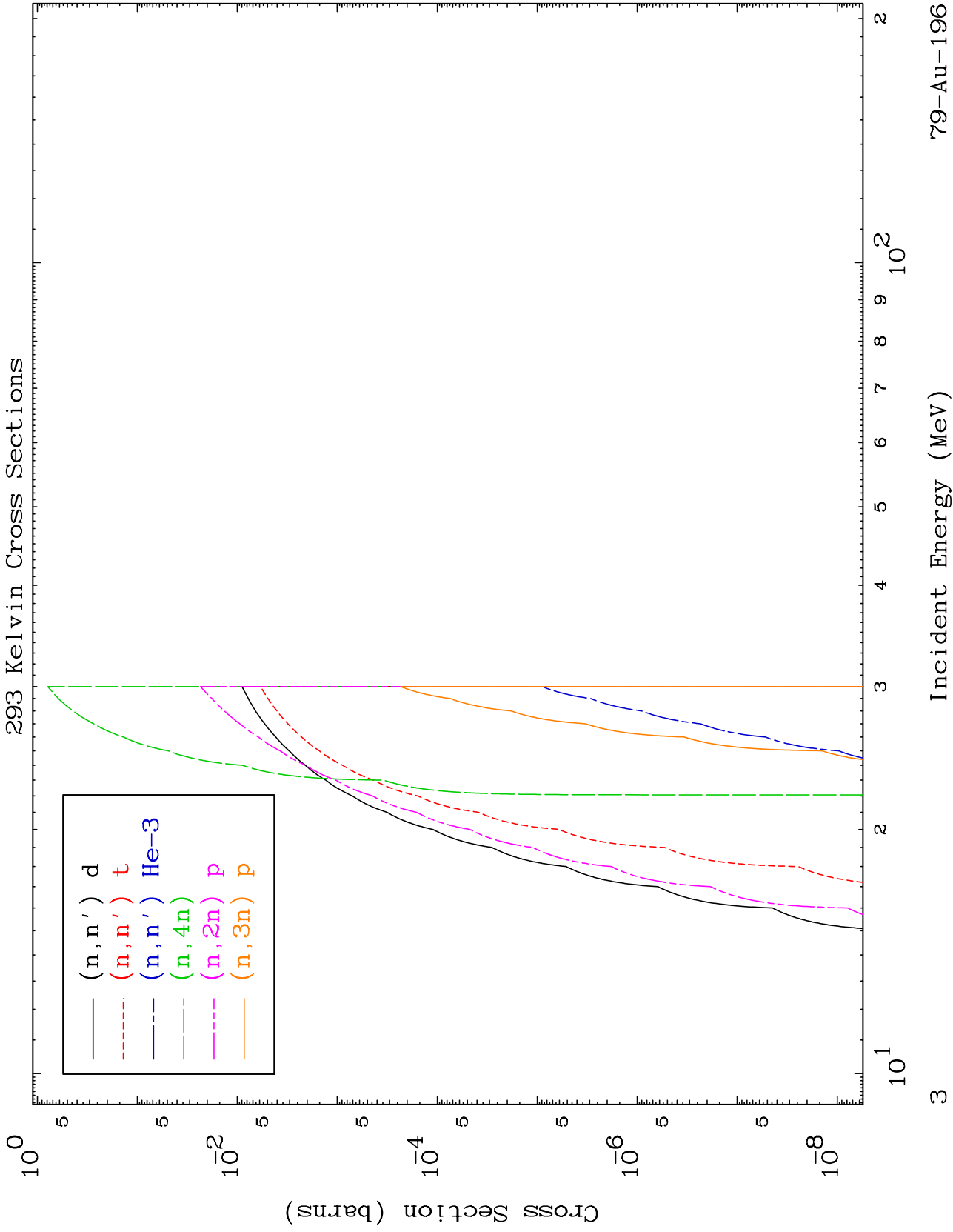
79-Au-196



MAT 7922

Neutron Production
293 Kelvin Cross Sections

79-Au-196



79-Au-196

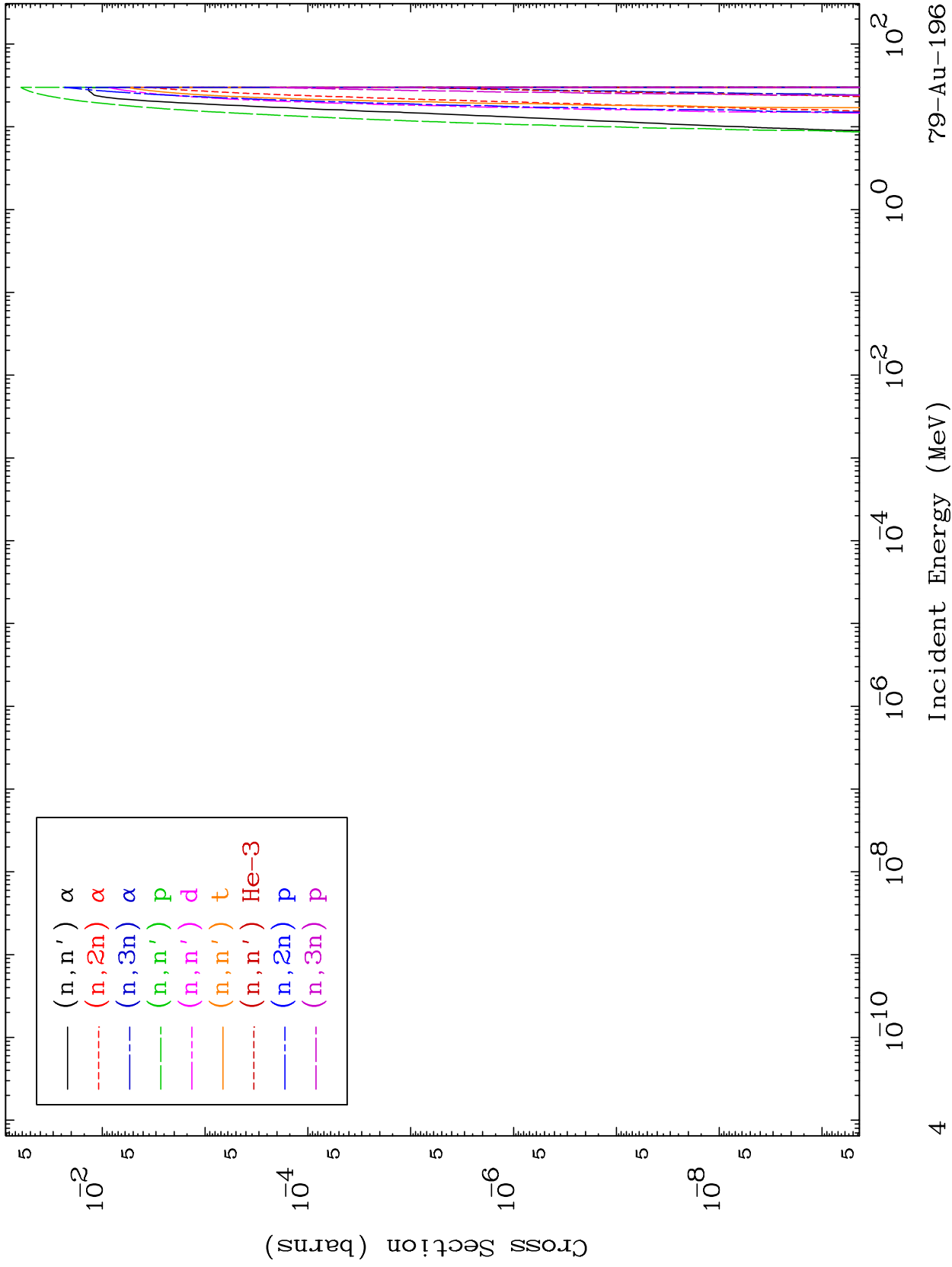
Incident Energy (MeV)

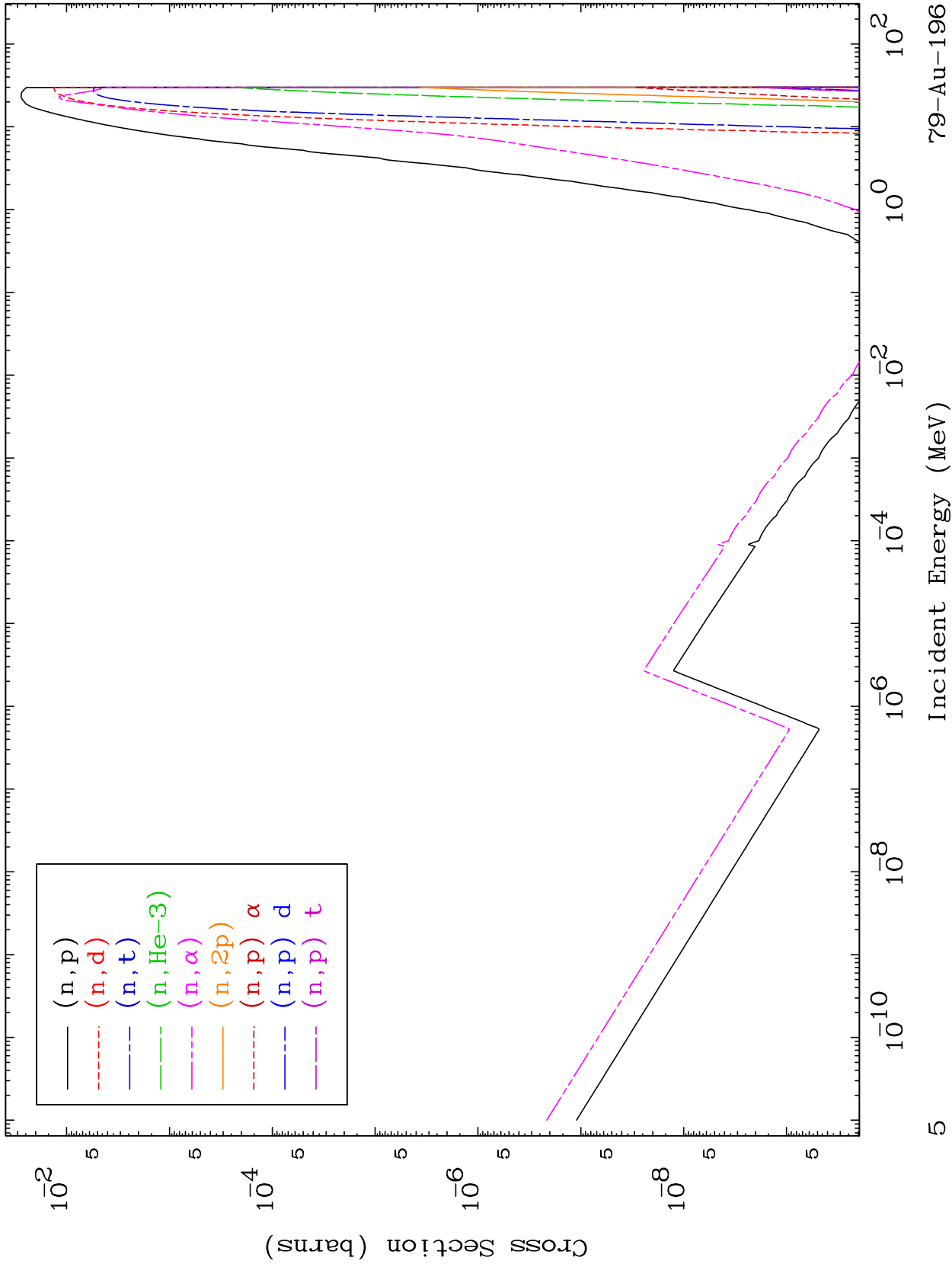
3

MAT 7922

Charged Particle
293 Kelvin Cross Sections

79-Au-196

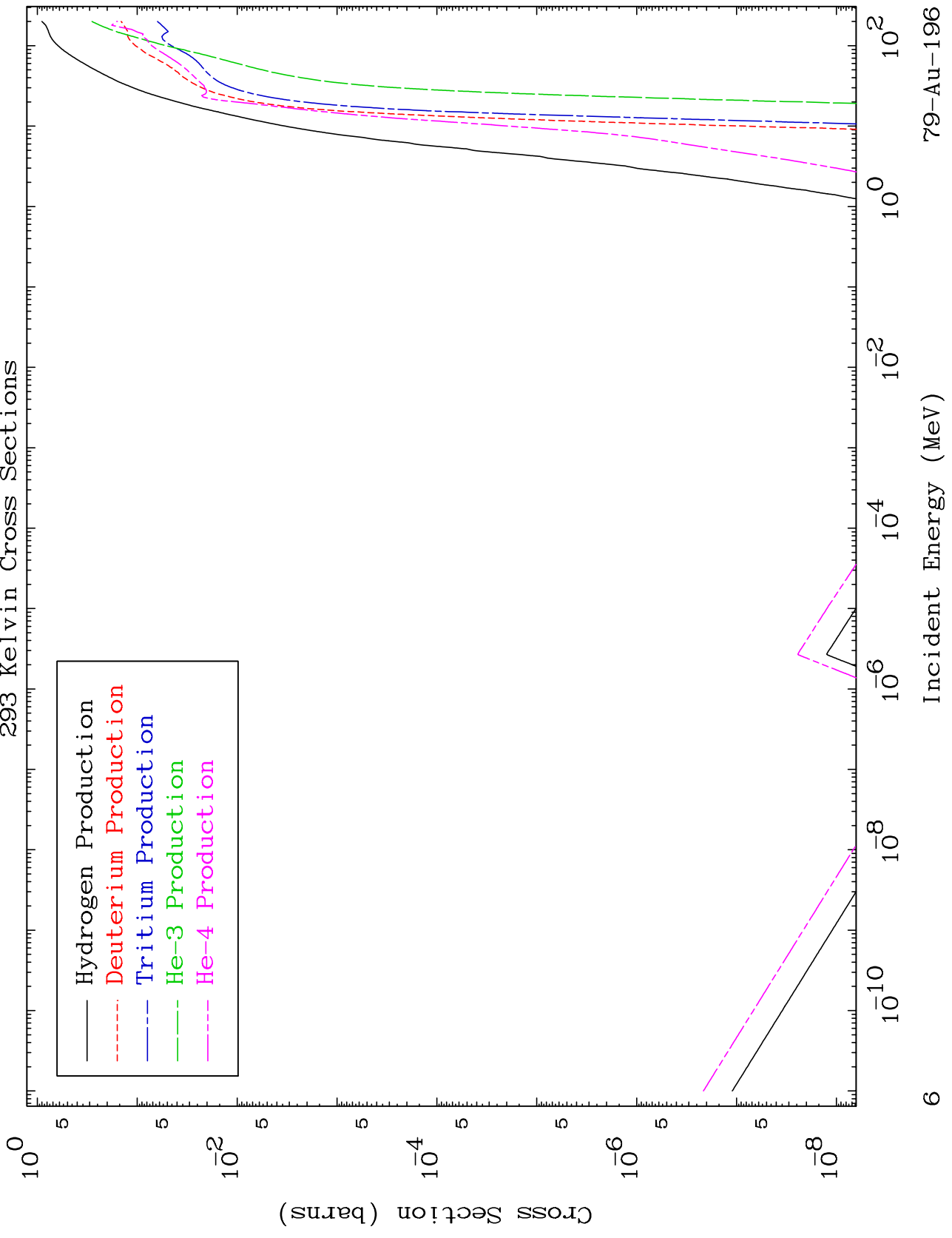


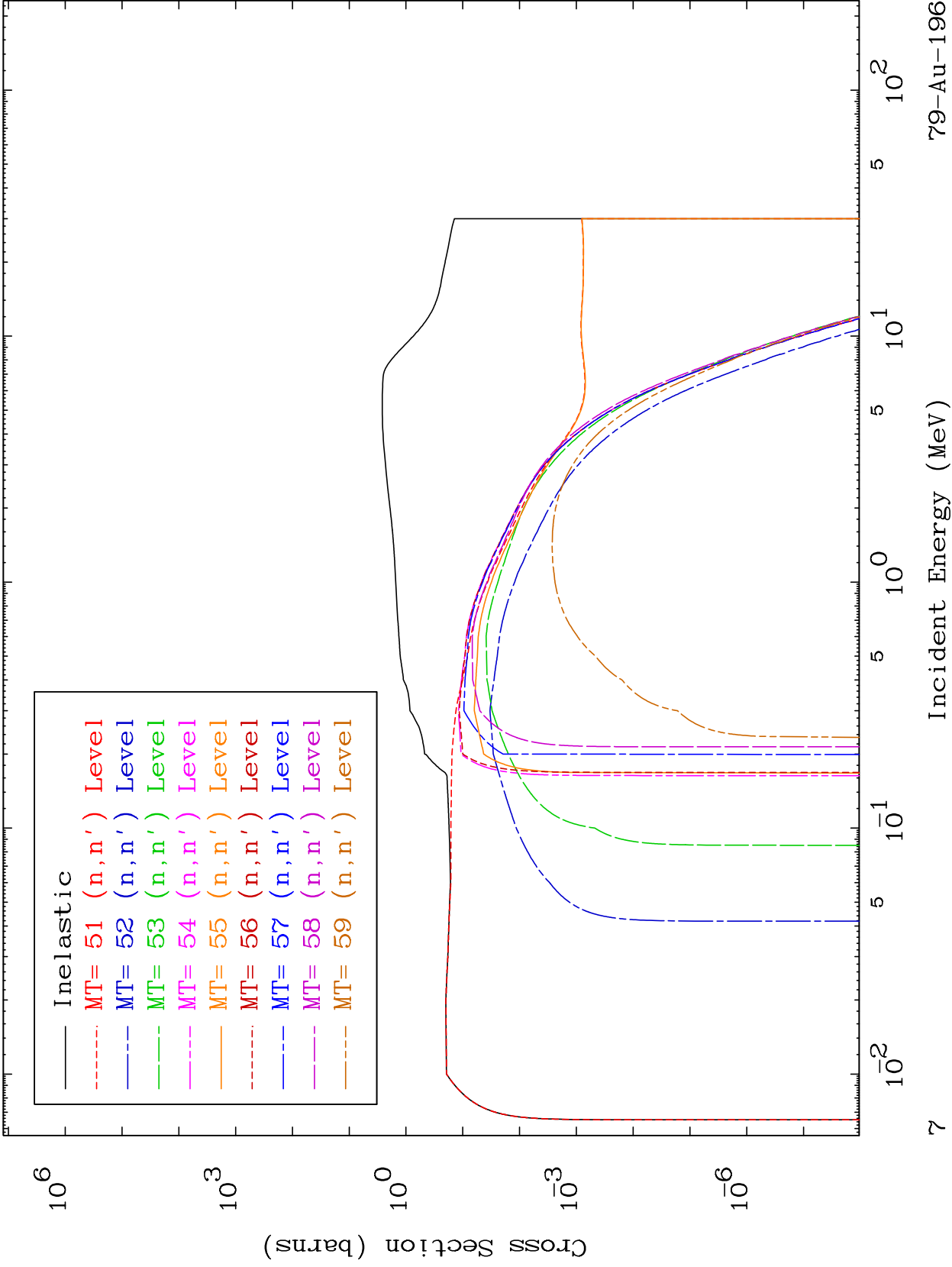


MAT 7922

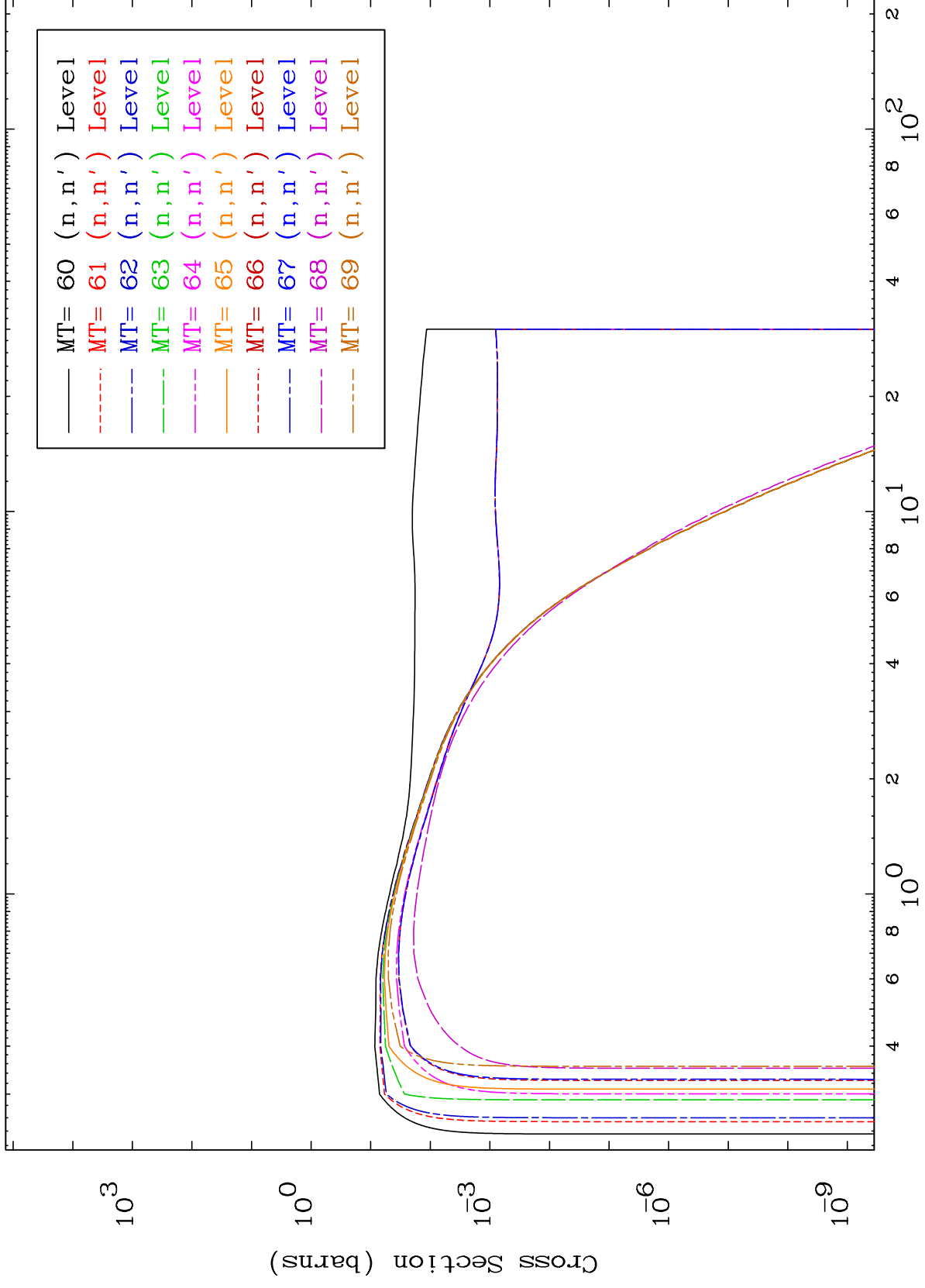
Particle Production
293 Kelvin Cross Sections

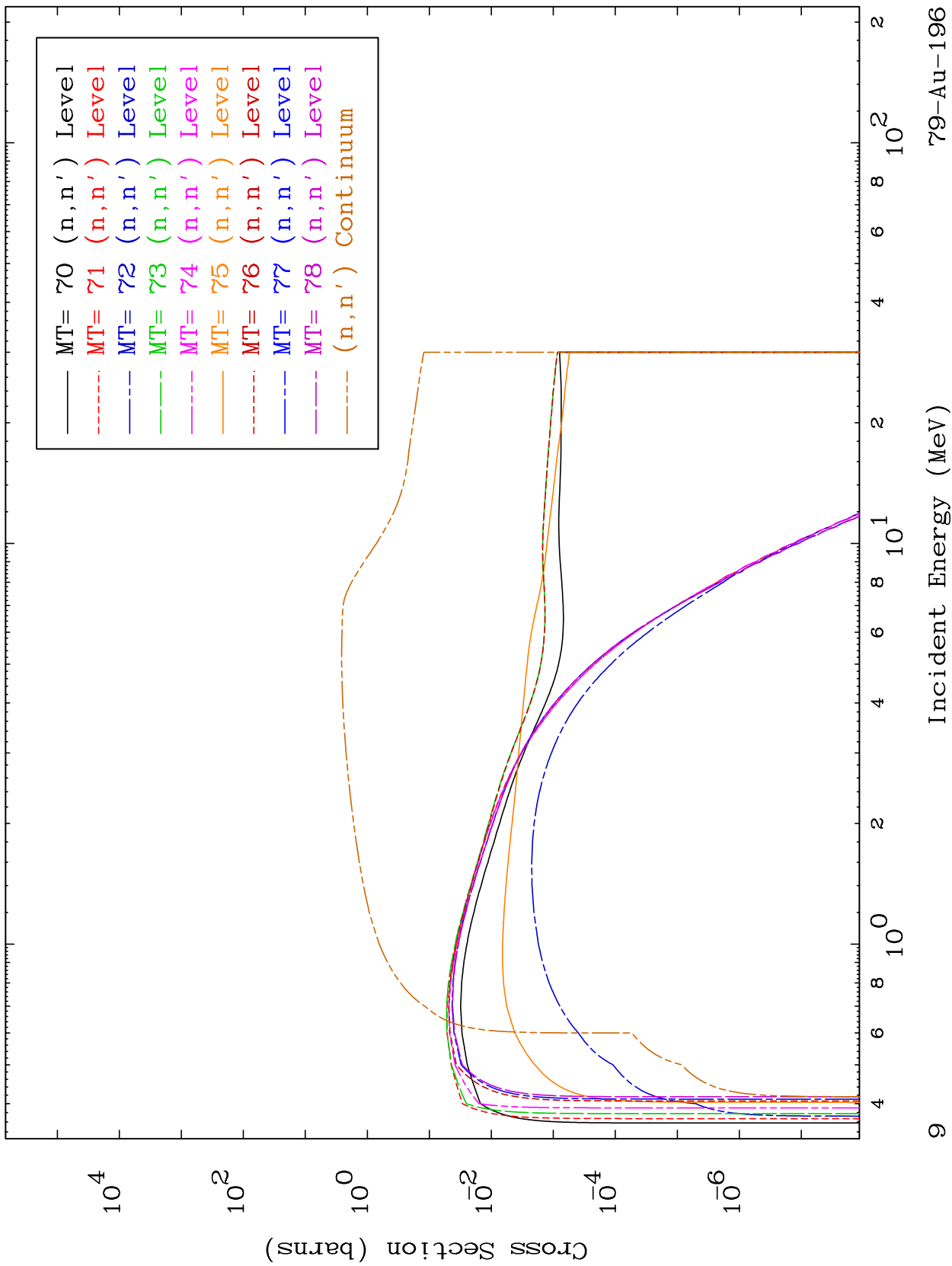
79-Au-196





293 Kelvin Cross Sections

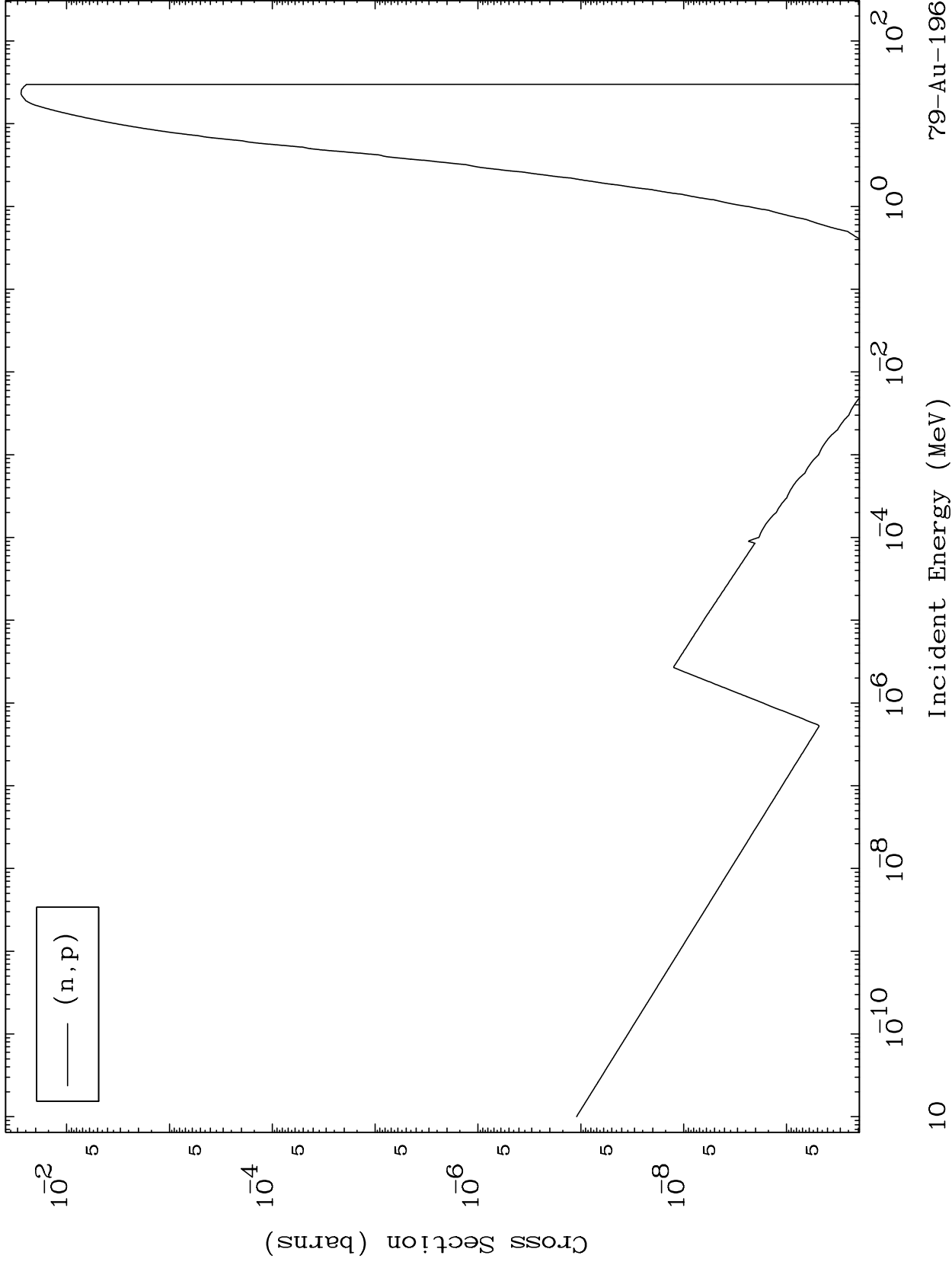




MAT 7922

(n,p) Levels
293 Kelvin Cross Sections

79-Au-196



(n,p)

10

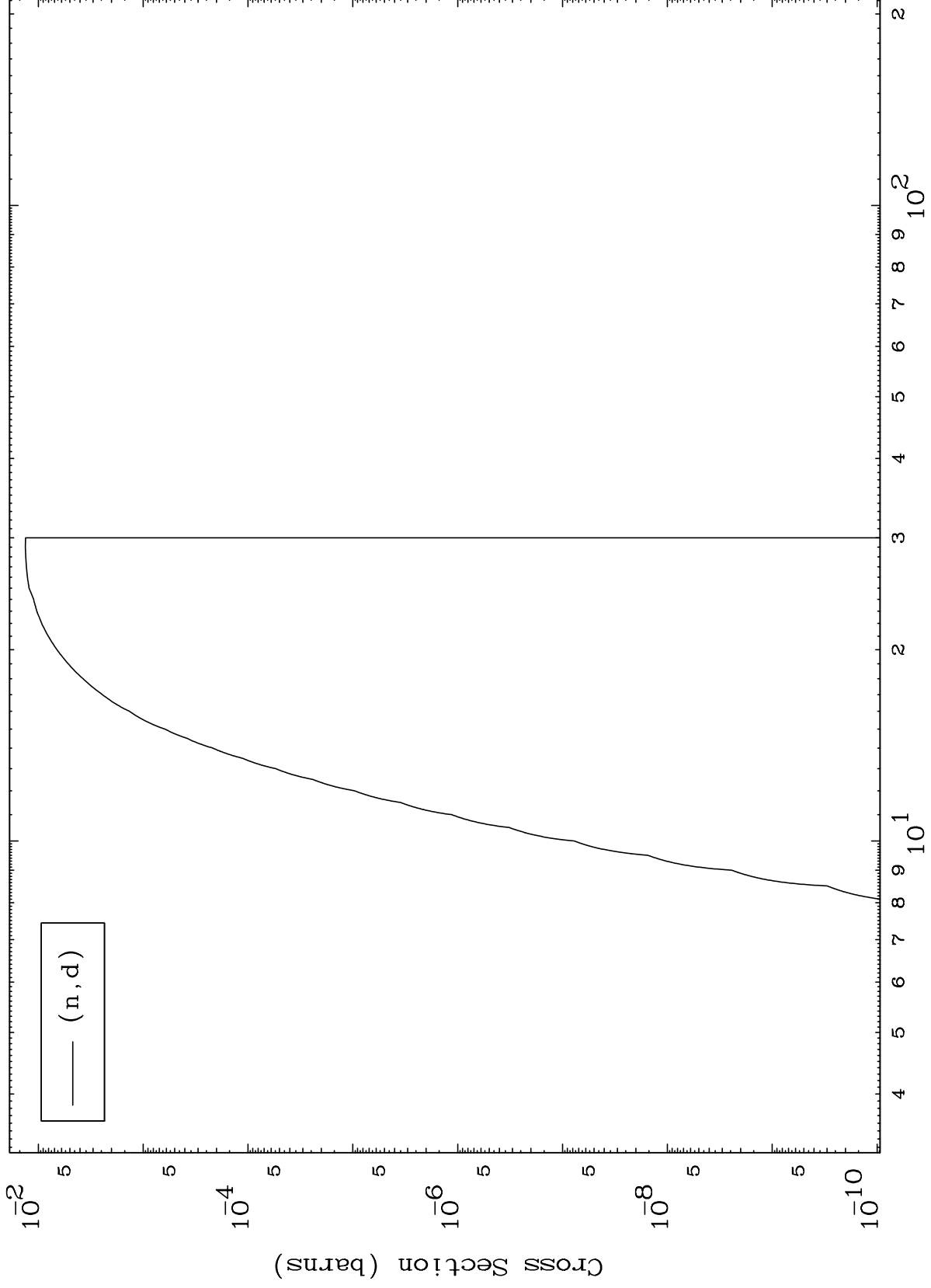
Incident Energy (MeV)

79-Au-196

MAT 7922

(n,d) Levels
293 Kelvin Cross Sections

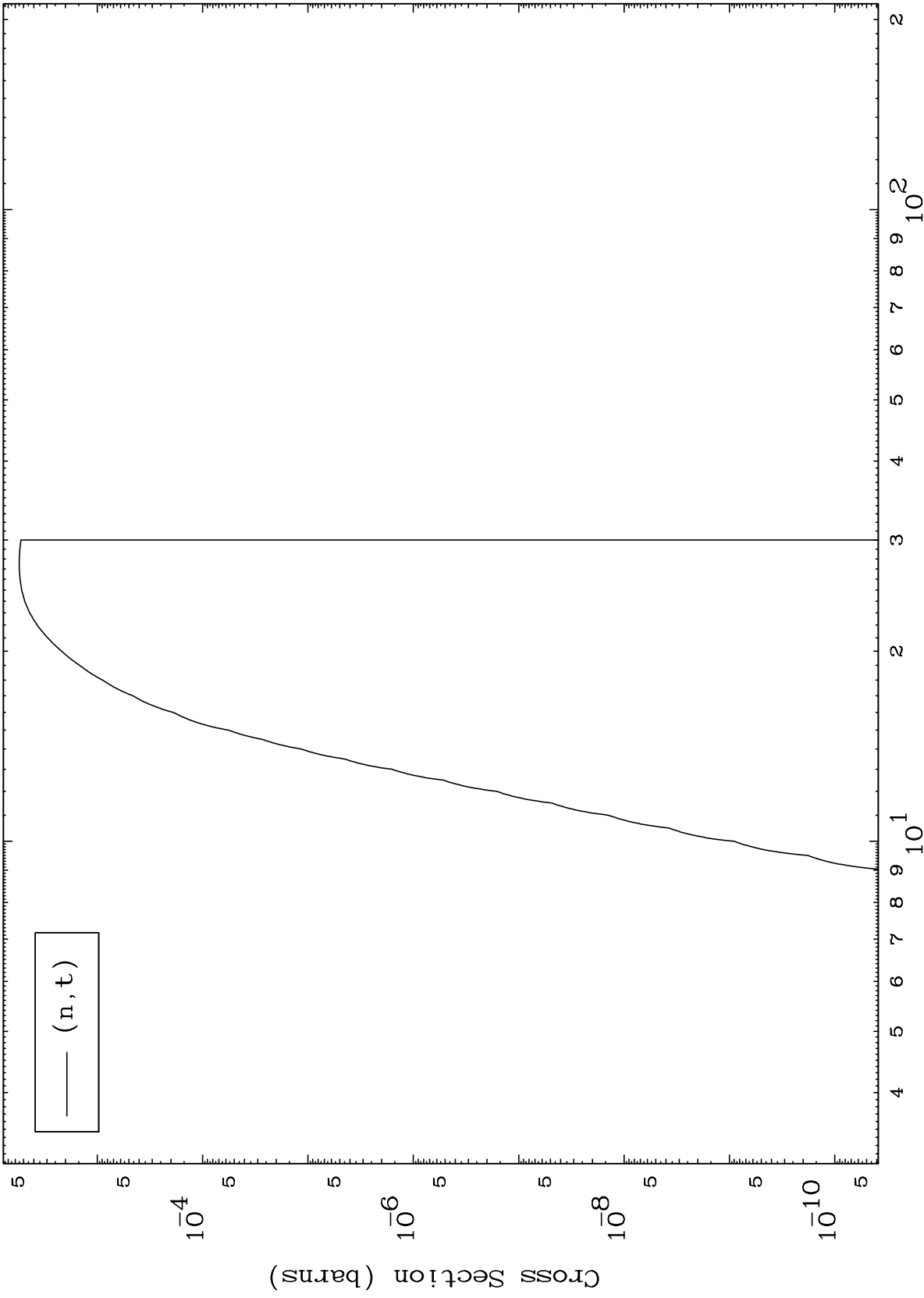
79-Au-196



MAT 7922

(n,t) Levels
293 Kelvin Cross Sections

79-Au-196



12

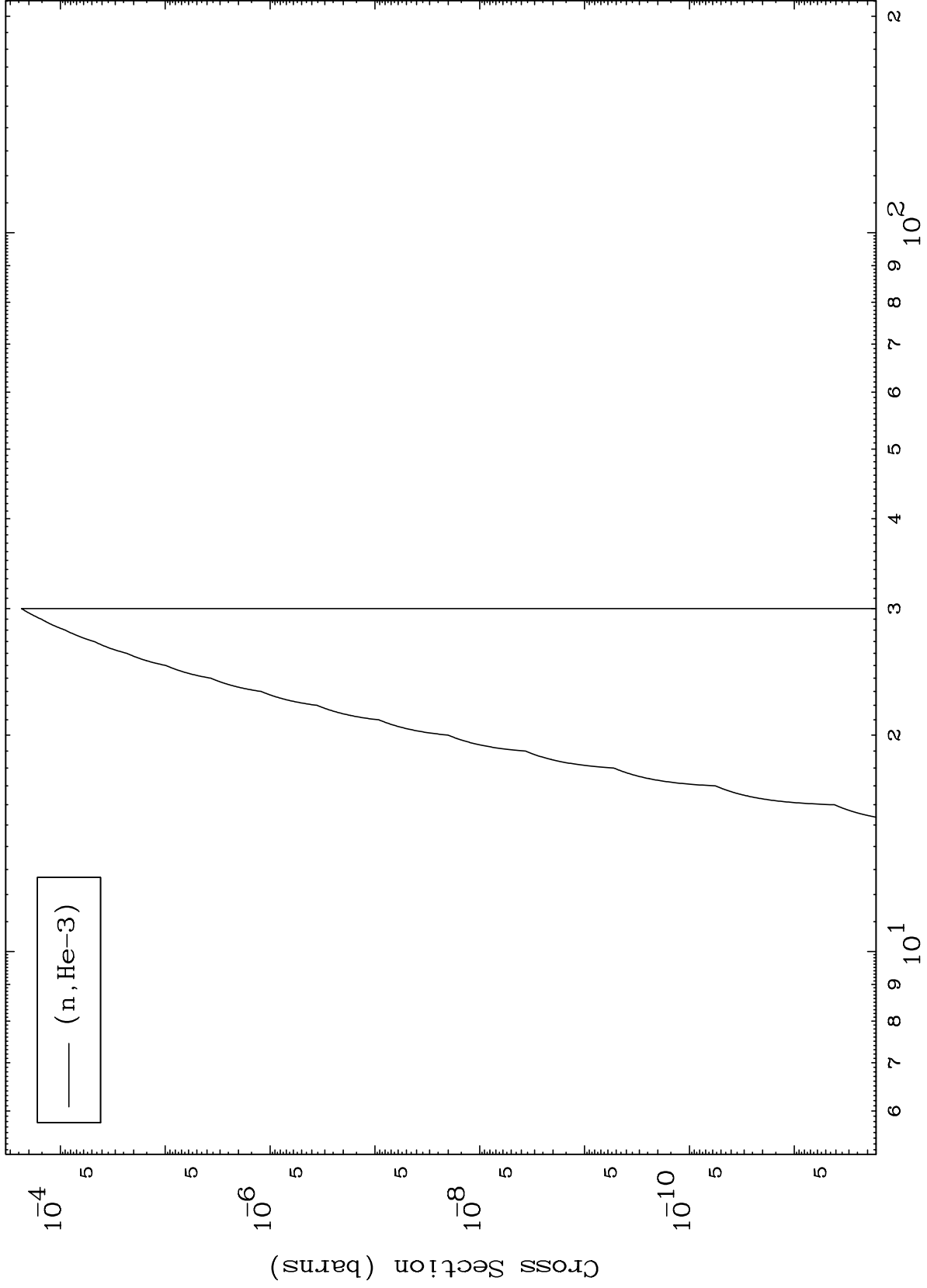
Incident Energy (MeV)

79-Au-196

MAT 7922

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-196



13

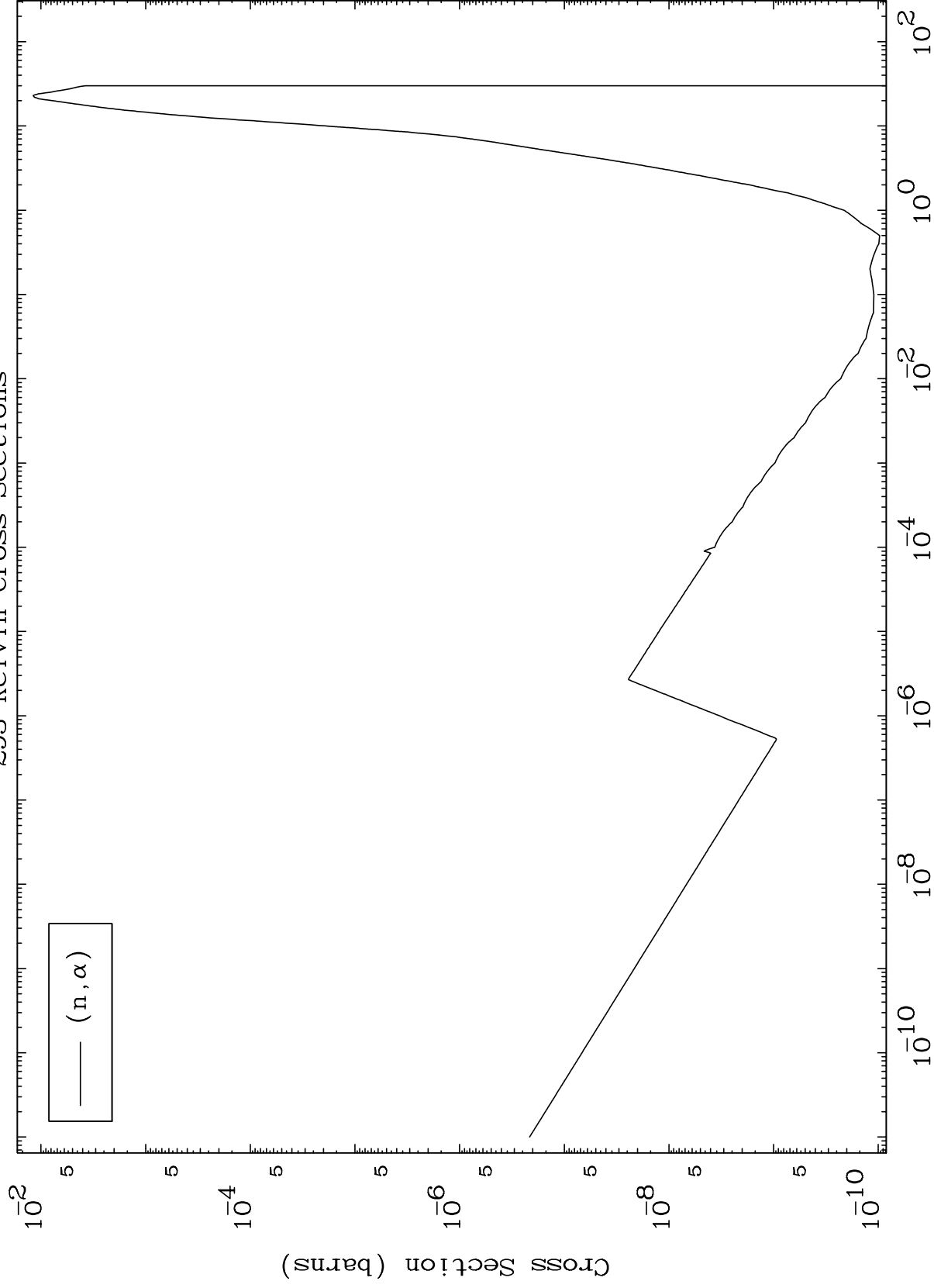
Incident Energy (MeV)

79-Au-196

MAT 7922

(n, α) Levels
293 Kelvin Cross Sections

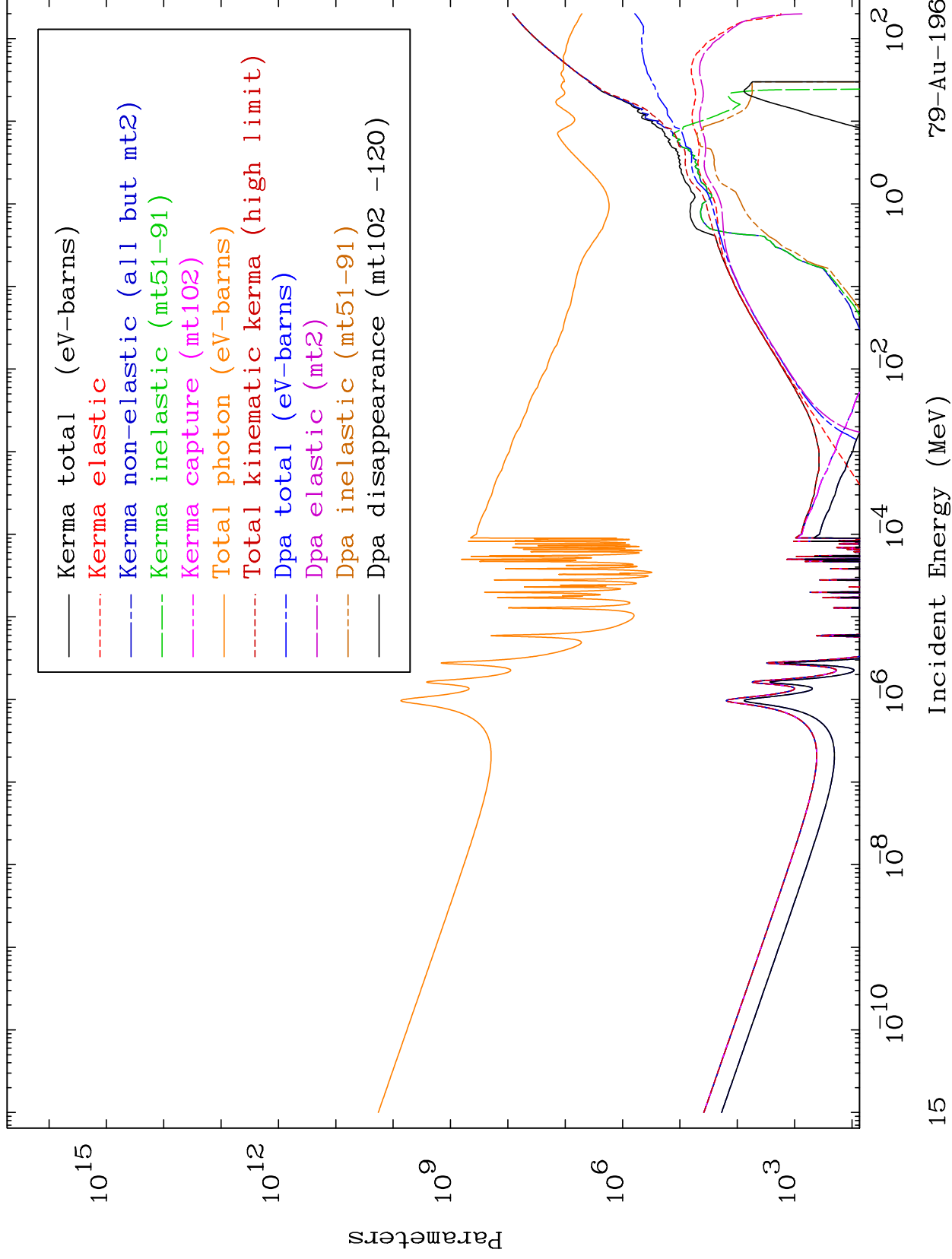
79-Au-196



14

Incident Energy (MeV)

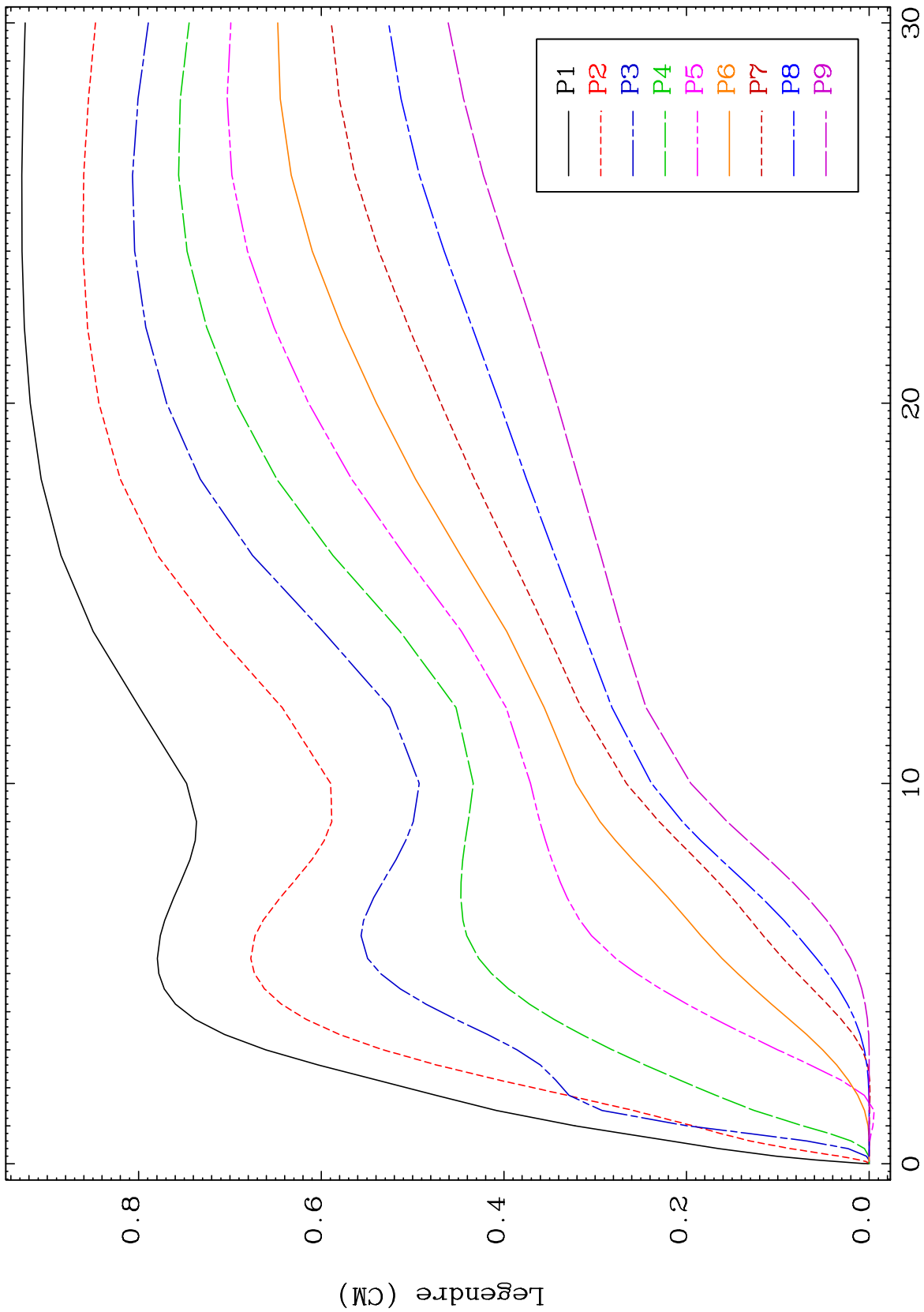
79-Au-196



MAT 7922

Elastic Legendre Coefficients

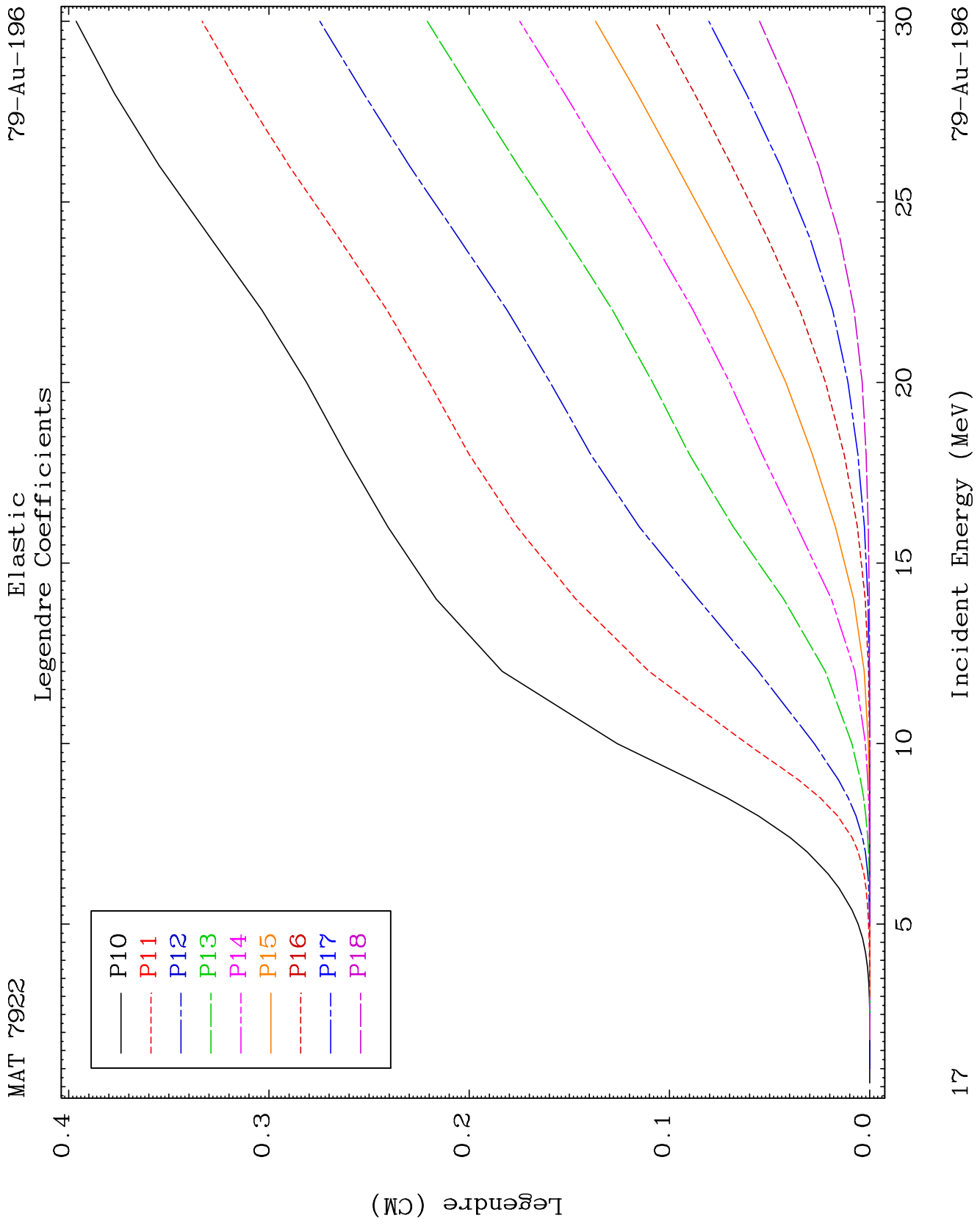
79-Au-196



16

Incident Energy (MeV)

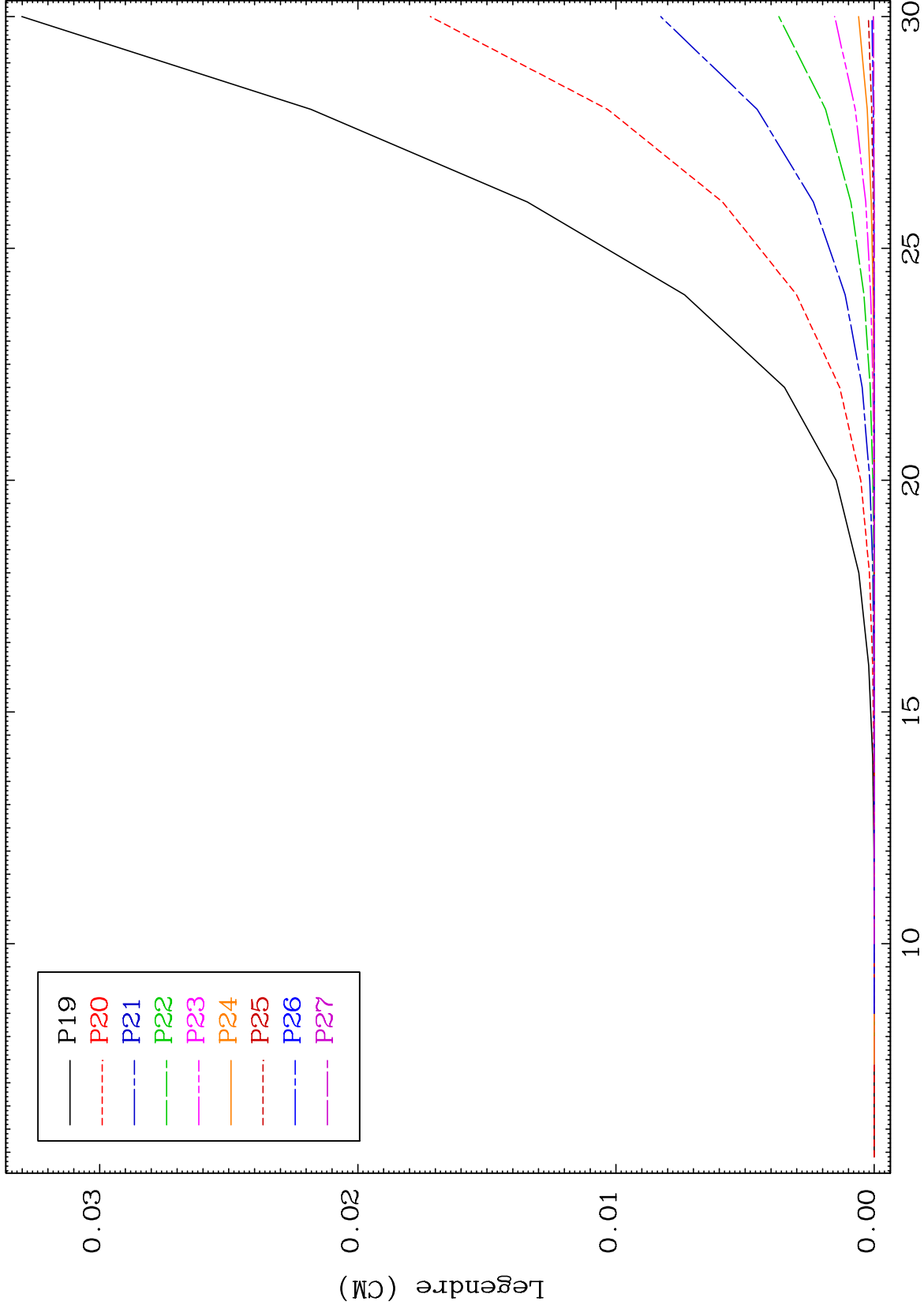
79-Au-196



MAT 7922

Elastic Legendre Coefficients

79-Au-196



18

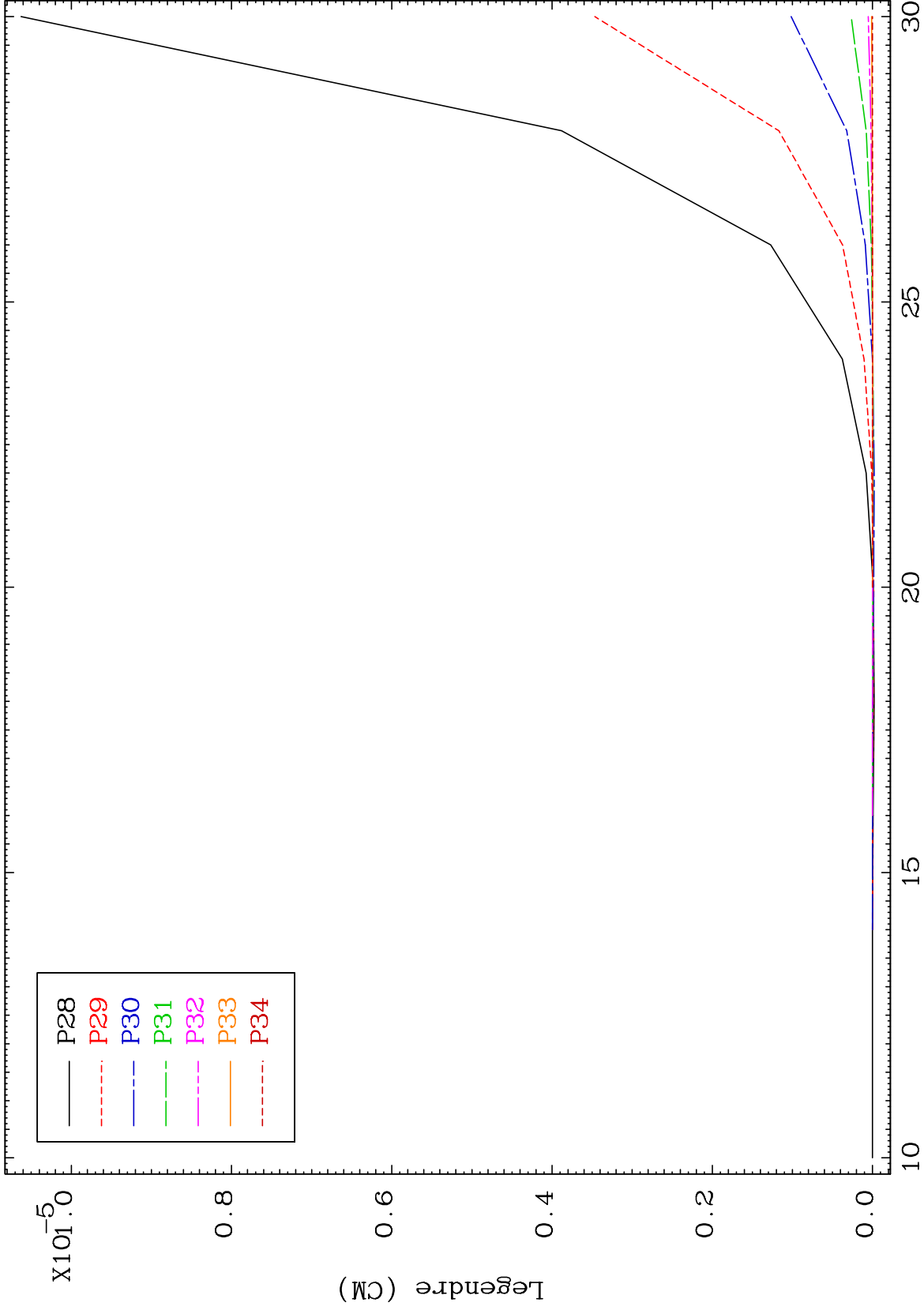
Incident Energy (MeV)

79-Au-196

MAT 7922

Elastic Legendre Coefficients

79-Au-196



19

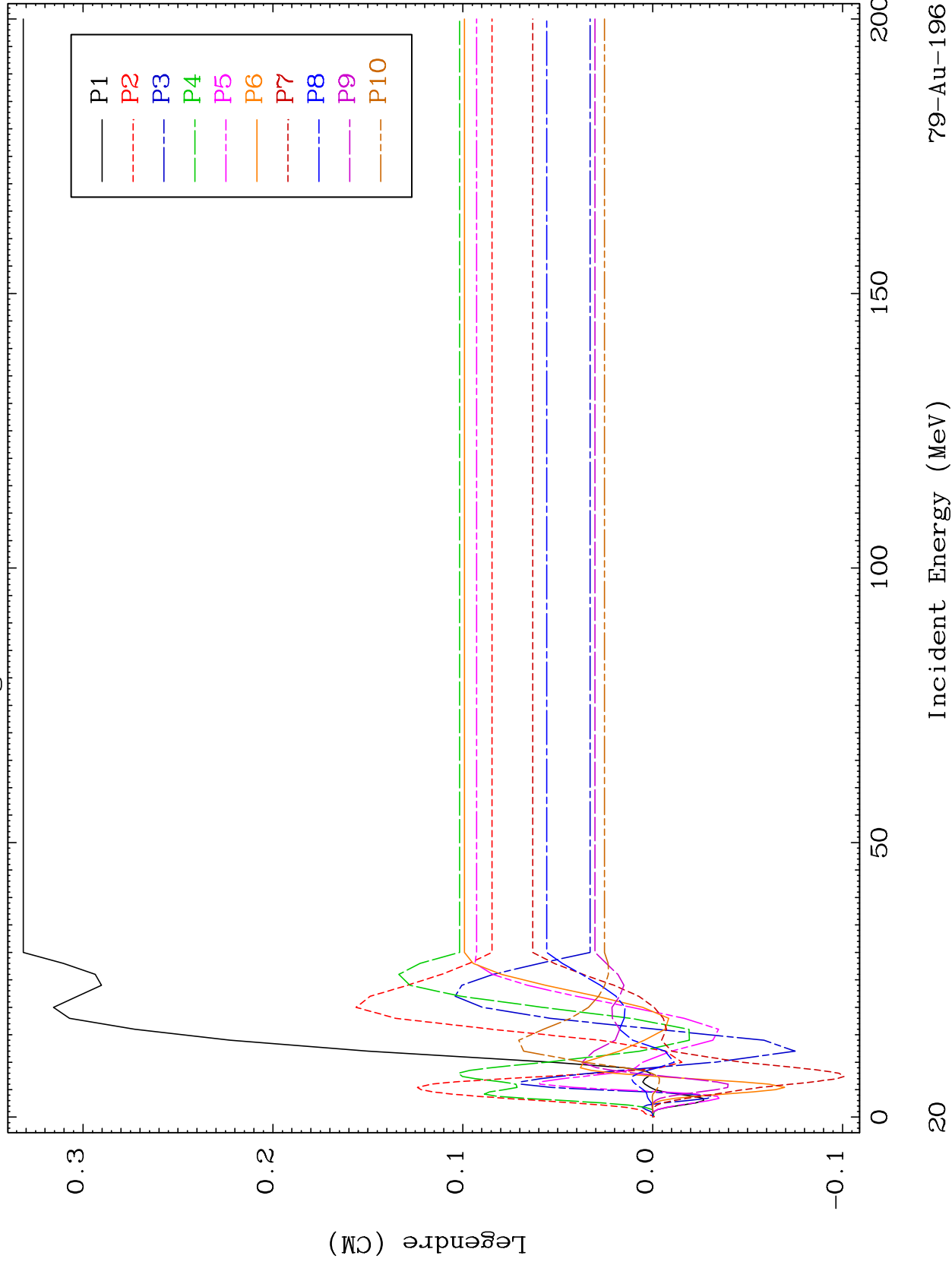
Incident Energy (MeV)

79-Au-196

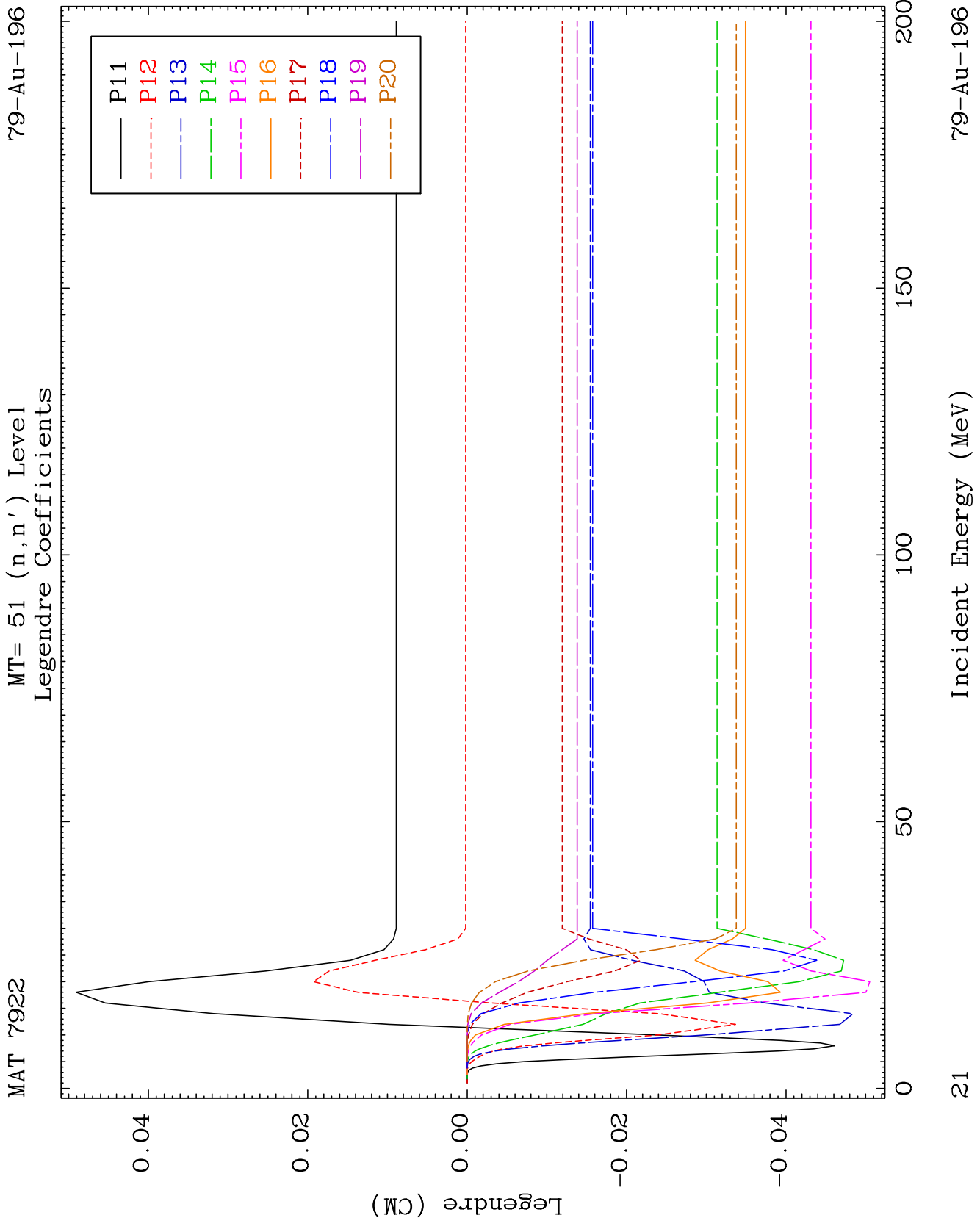
MAT 7922

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

79-Au-196



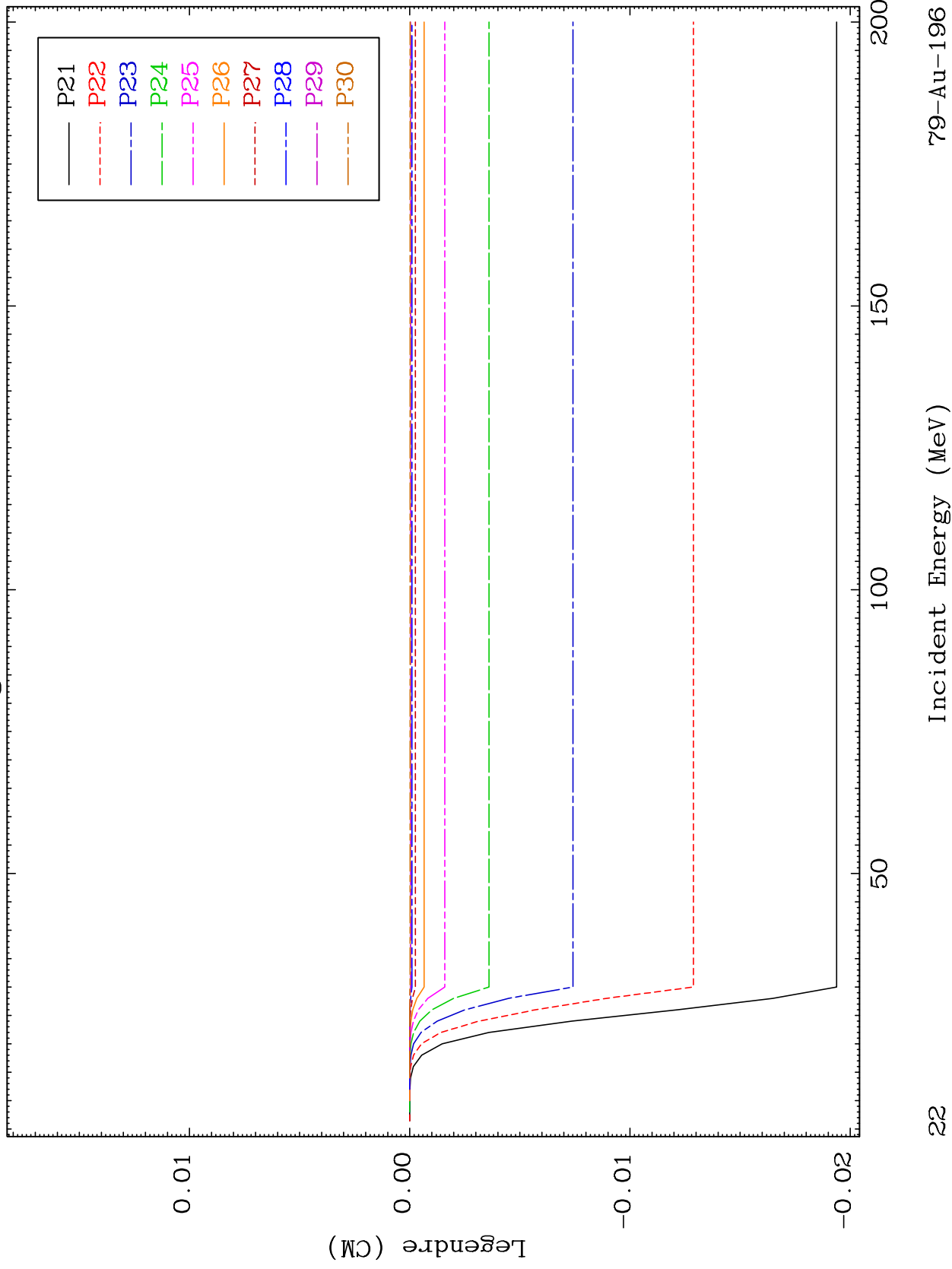
79-Au-196



MAT 7922

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

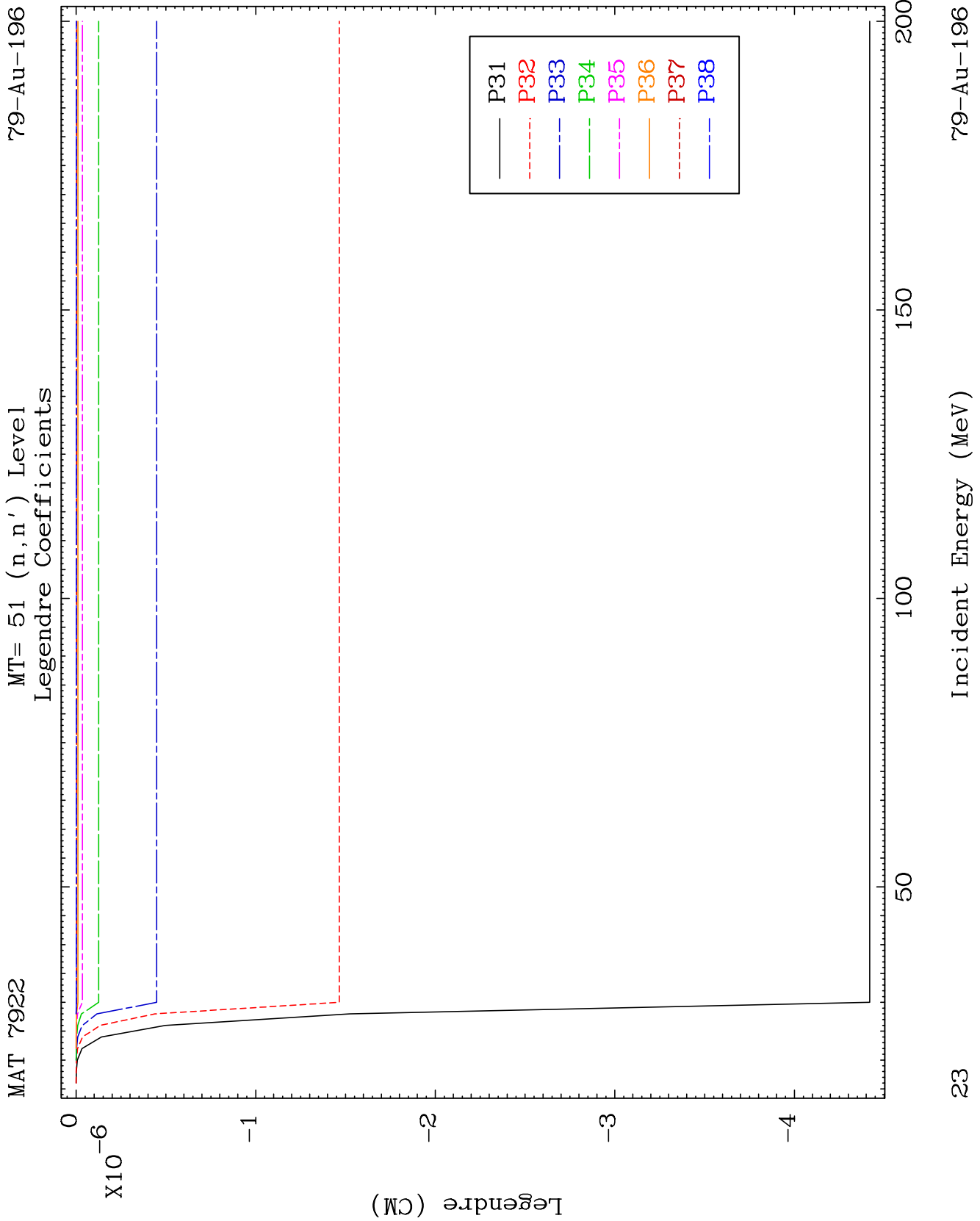
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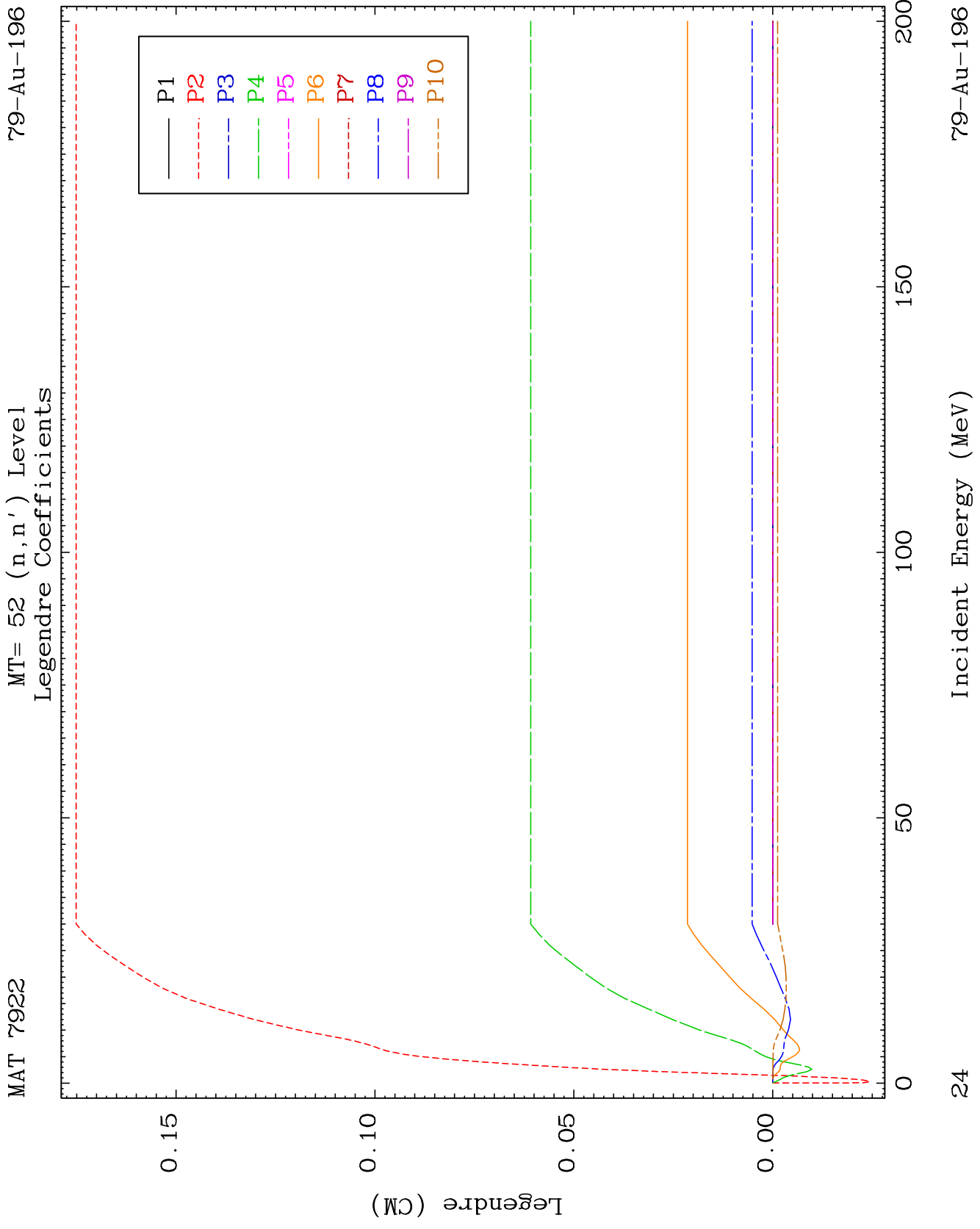


22

Incident Energy (MeV)

79-Au-196

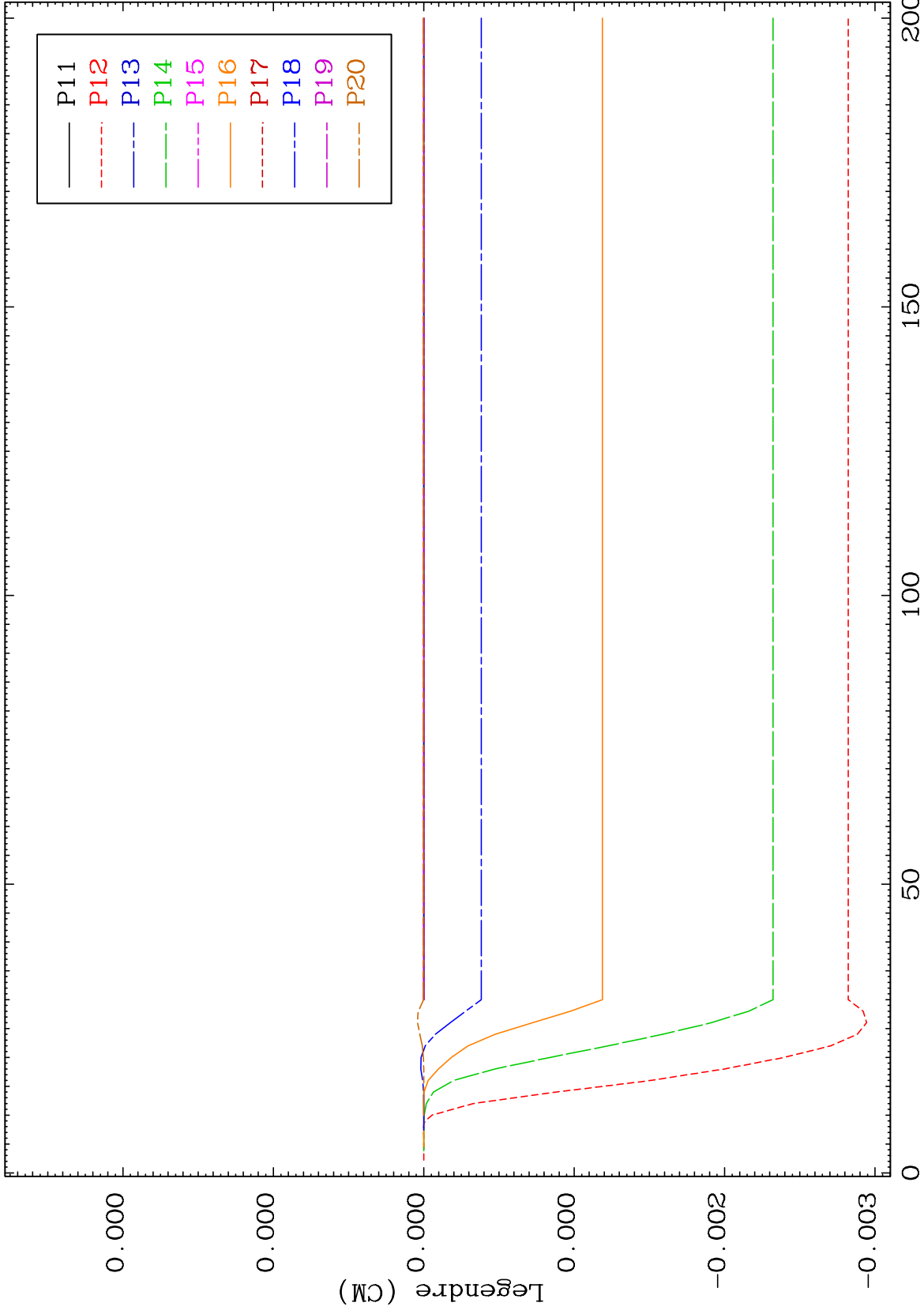




MAT 7922

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

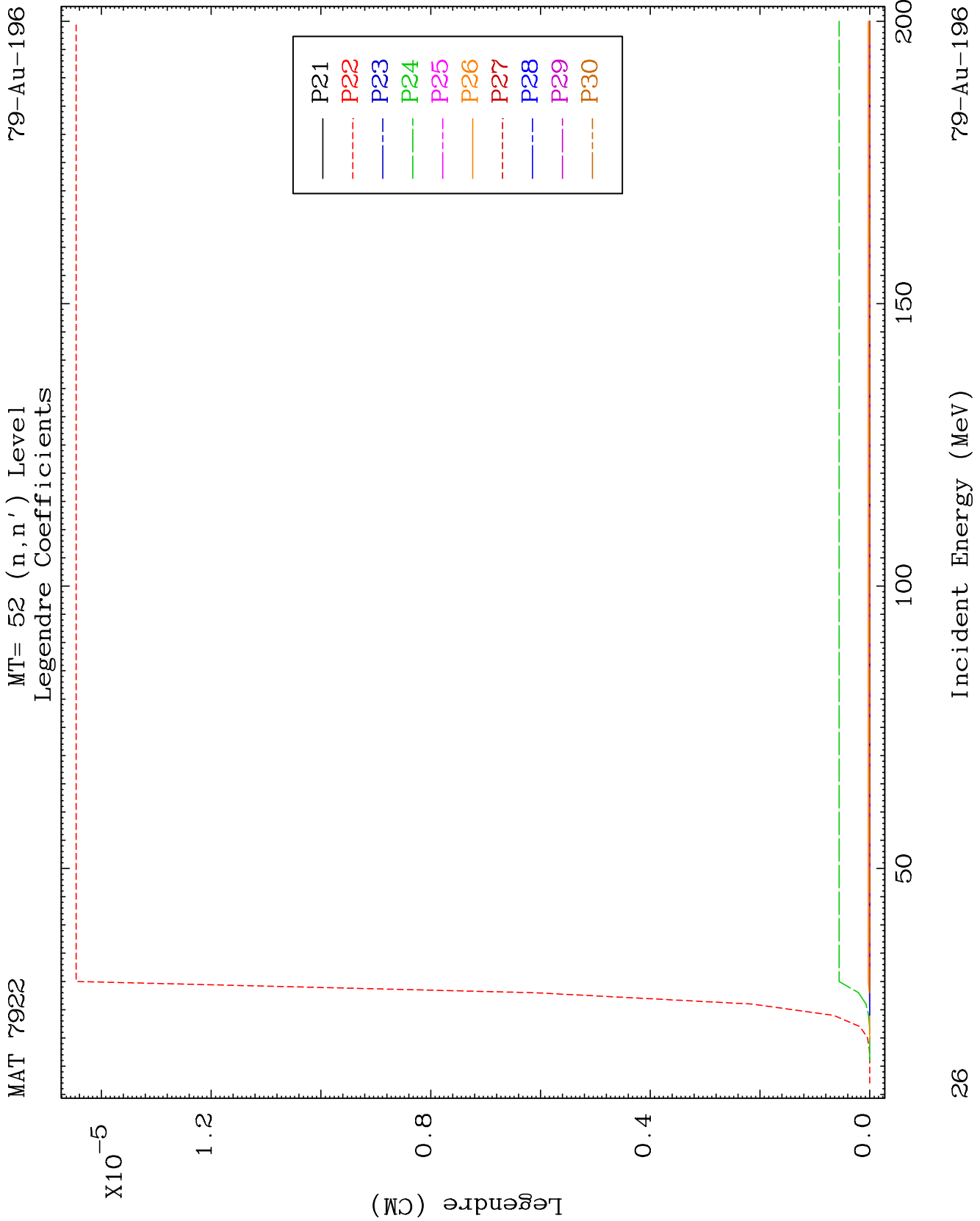
79-Au-196



25

Incident Energy (MeV)

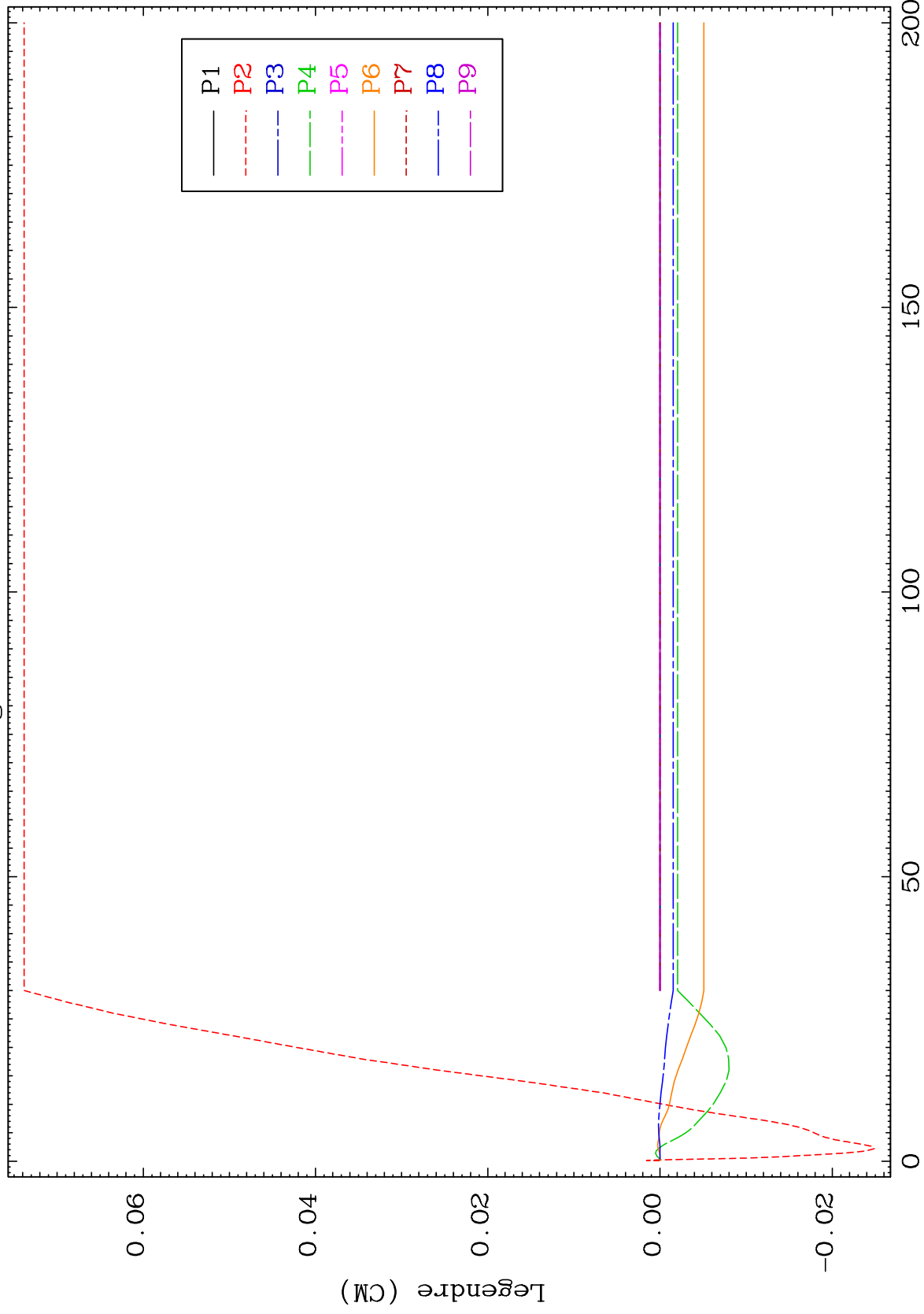
79-Au-196



MAT 7922

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

79-Au-196



27

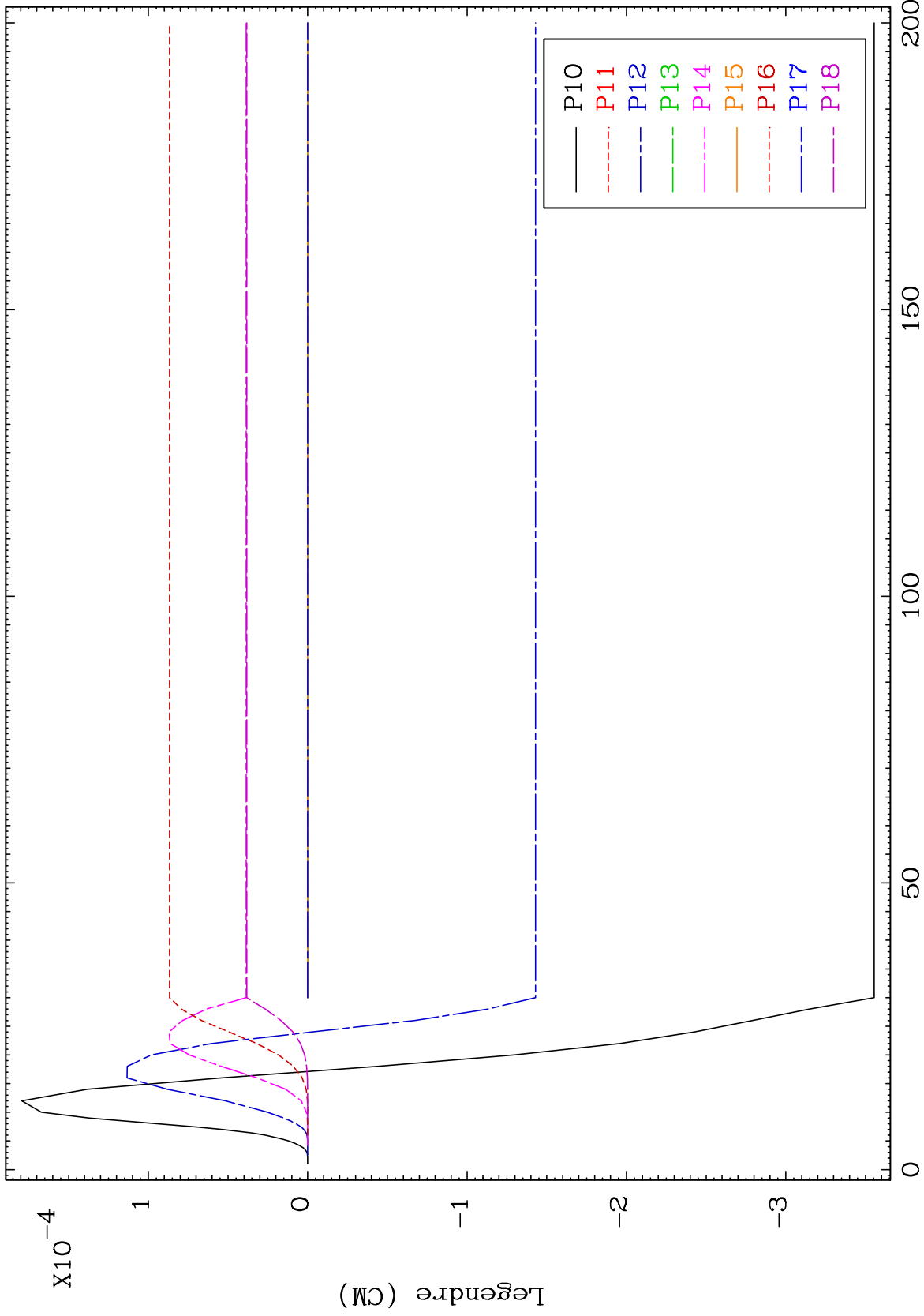
Incident Energy (MeV)

79-Au-196

MAT 7922

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

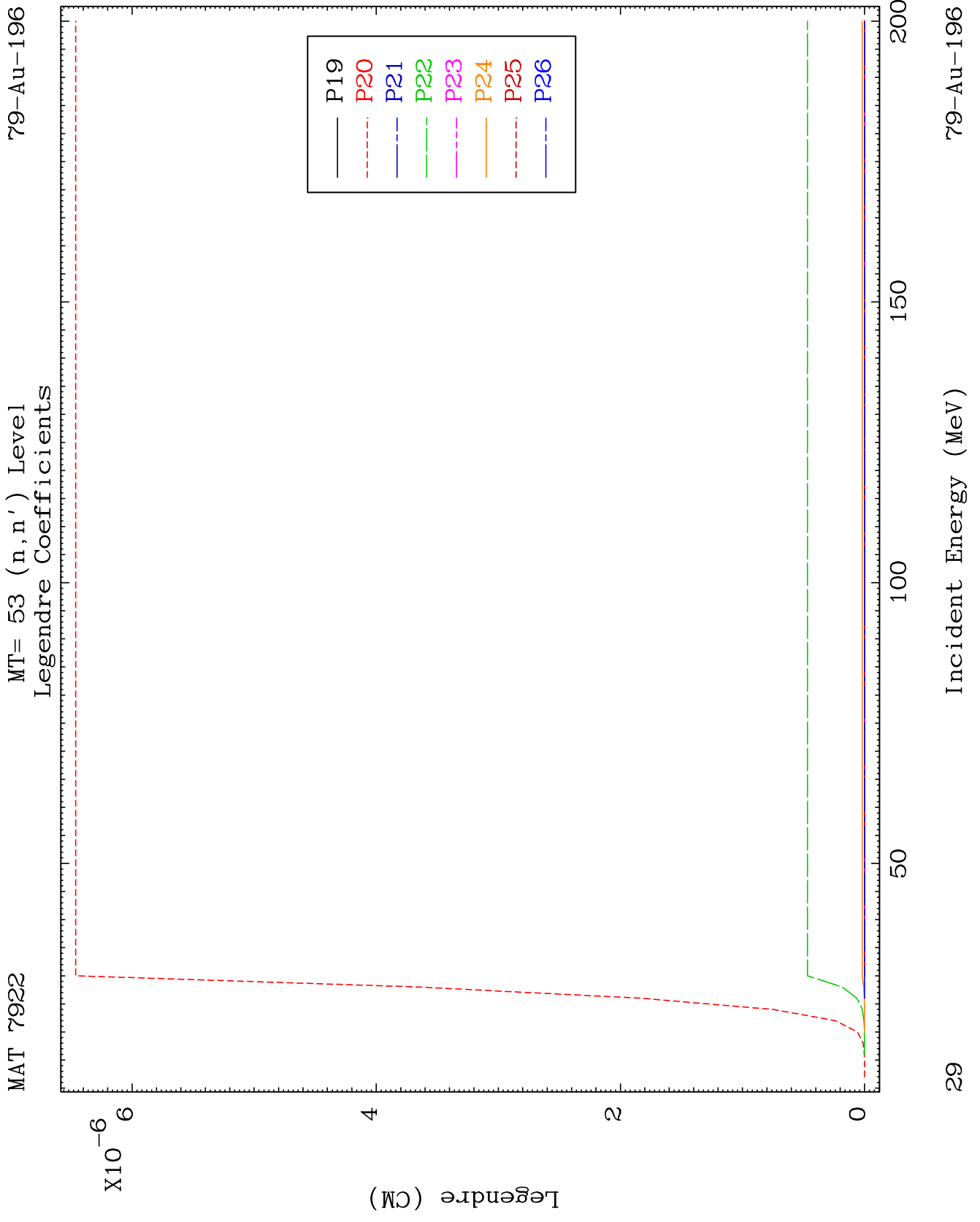
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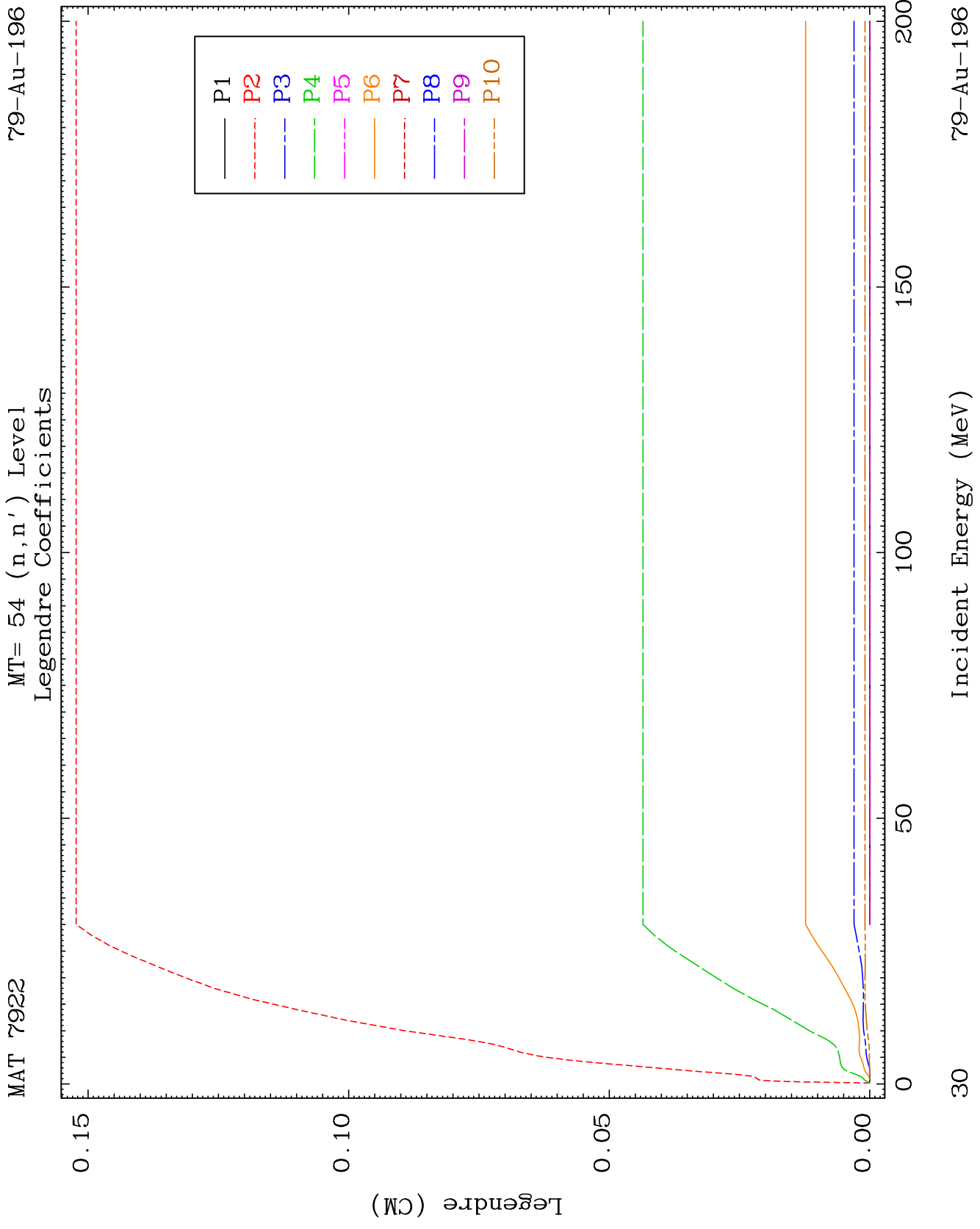


28

Incident Energy (MeV)

79-Au-196

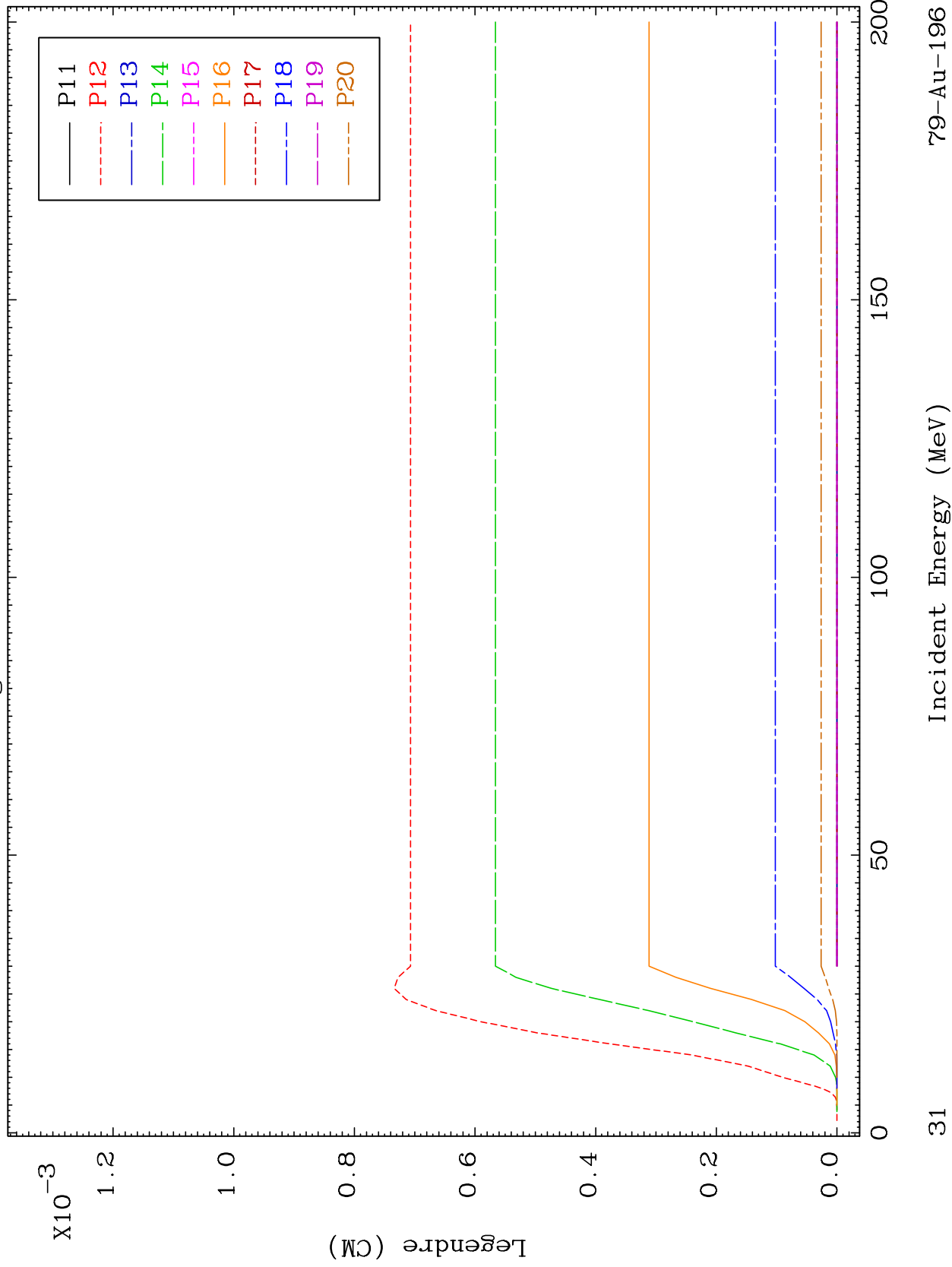




MAT 7922

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

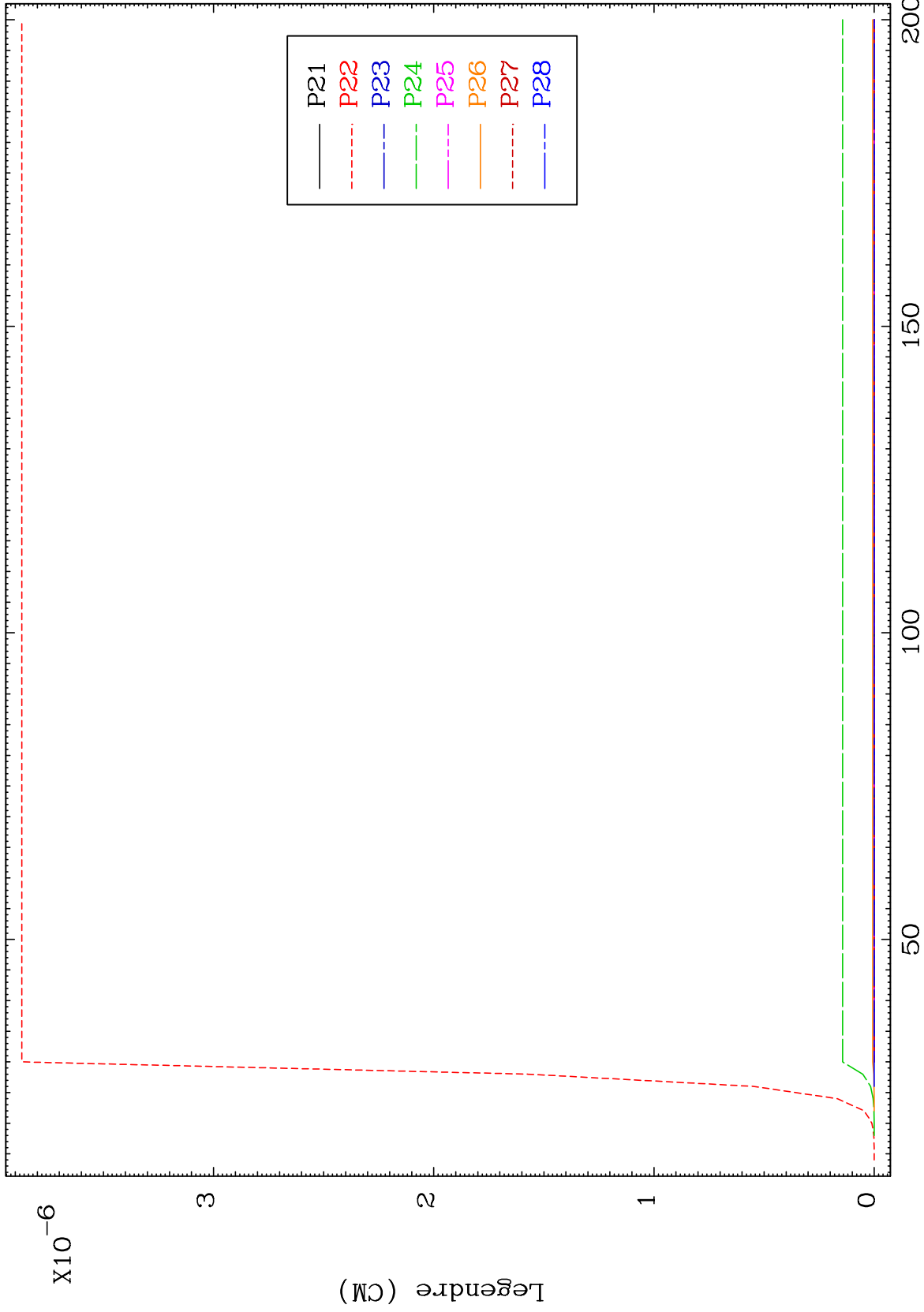
79-Au-196



MAT 7922

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

79-Au-196



32

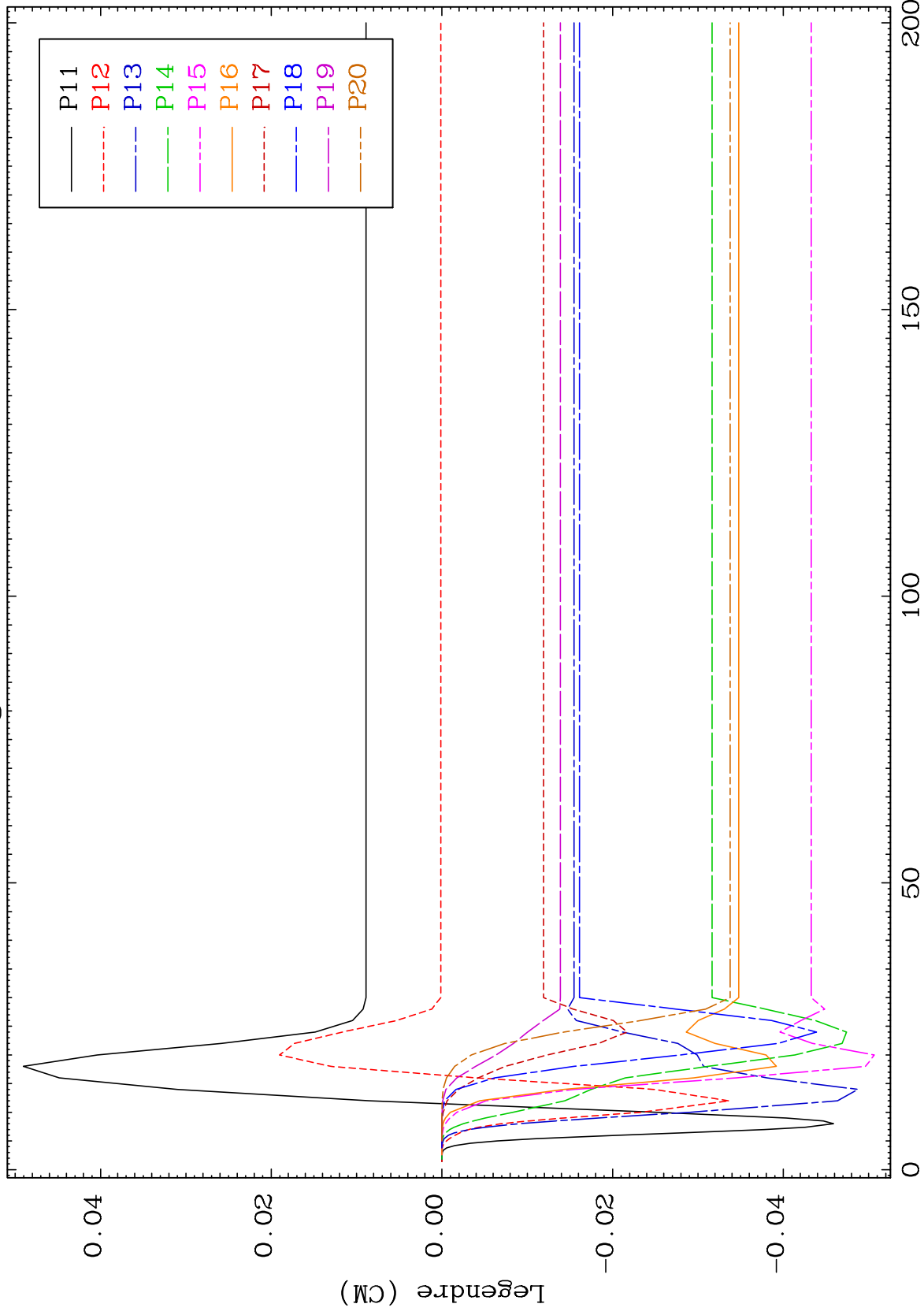
Incident Energy (MeV)

79-Au-196

MAT 7922

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

79-Au-196



34

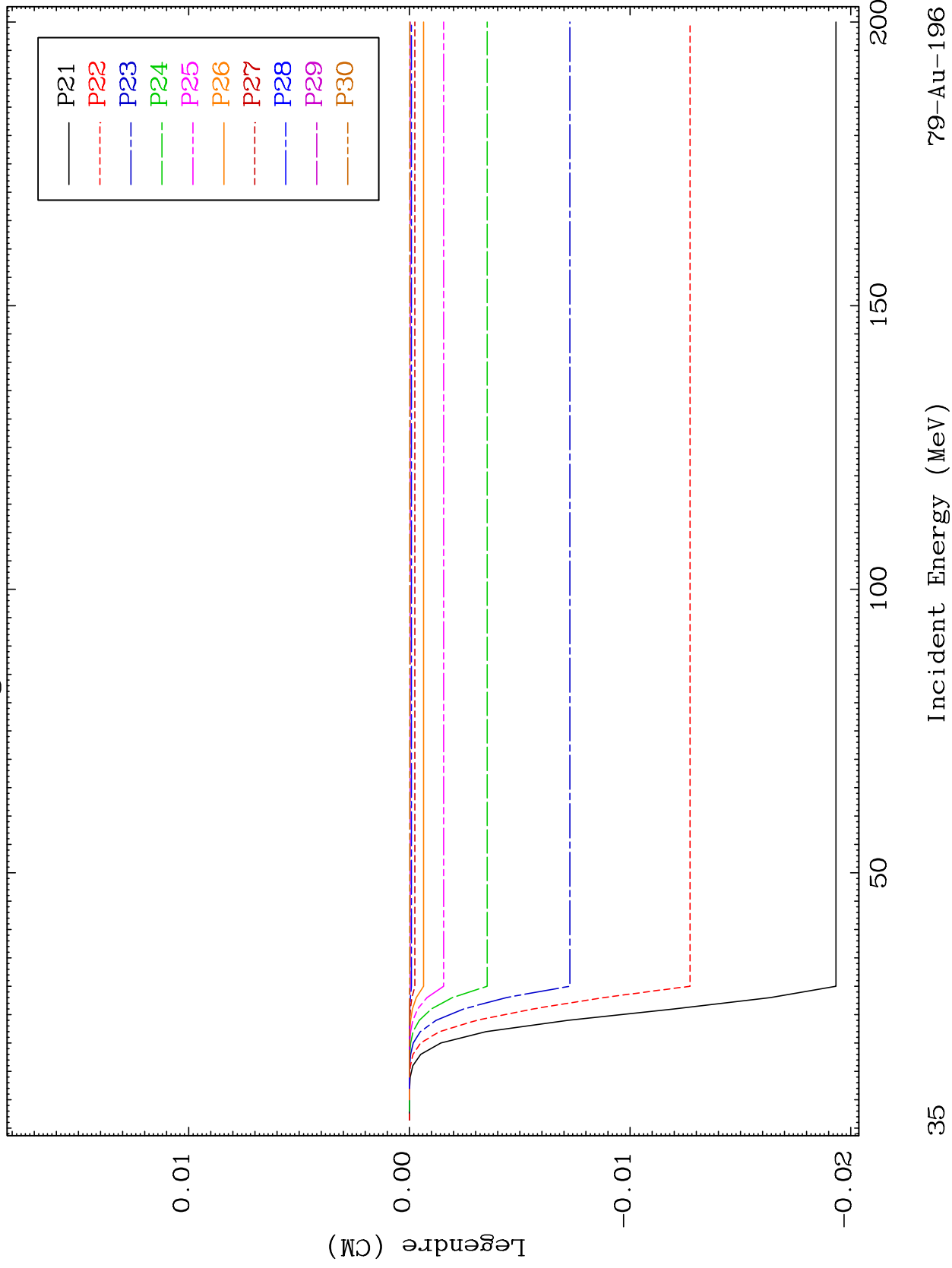
Incident Energy (MeV)

79-Au-196

MAT 7922

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

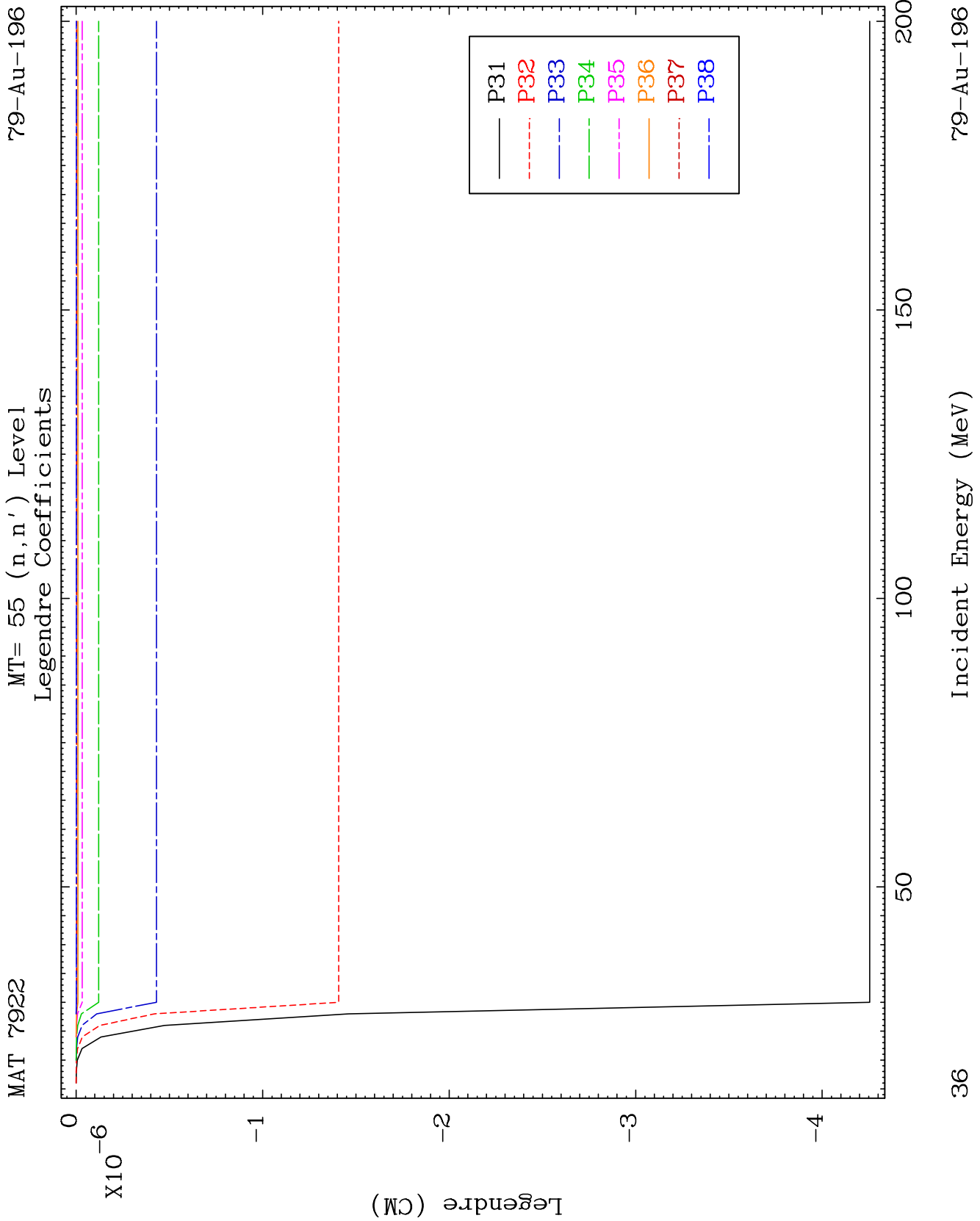
79-Au-196



79-Au-196

Incident Energy (MeV)

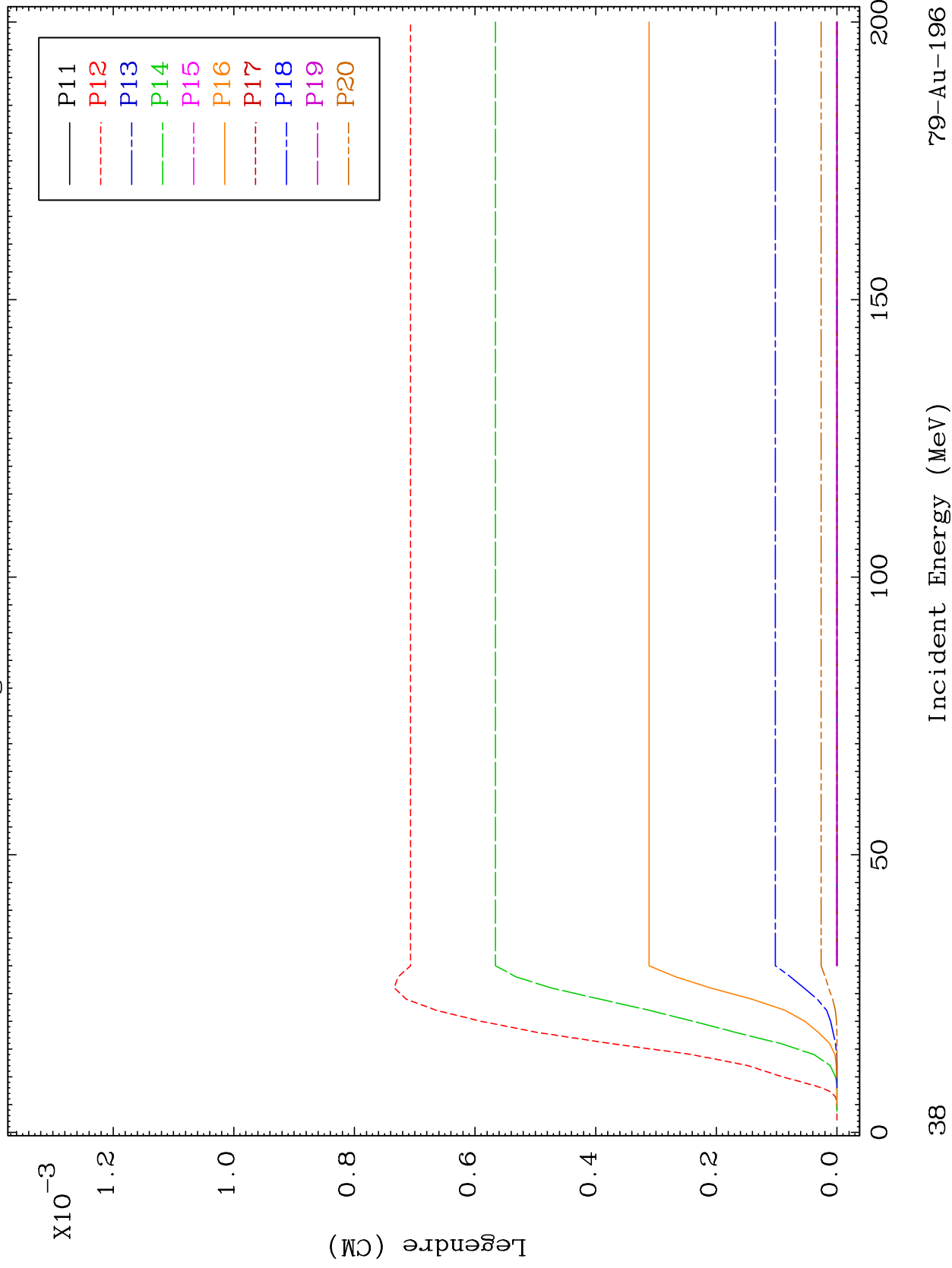
35



MAT 7922

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

79-Au-196



79-Au-196

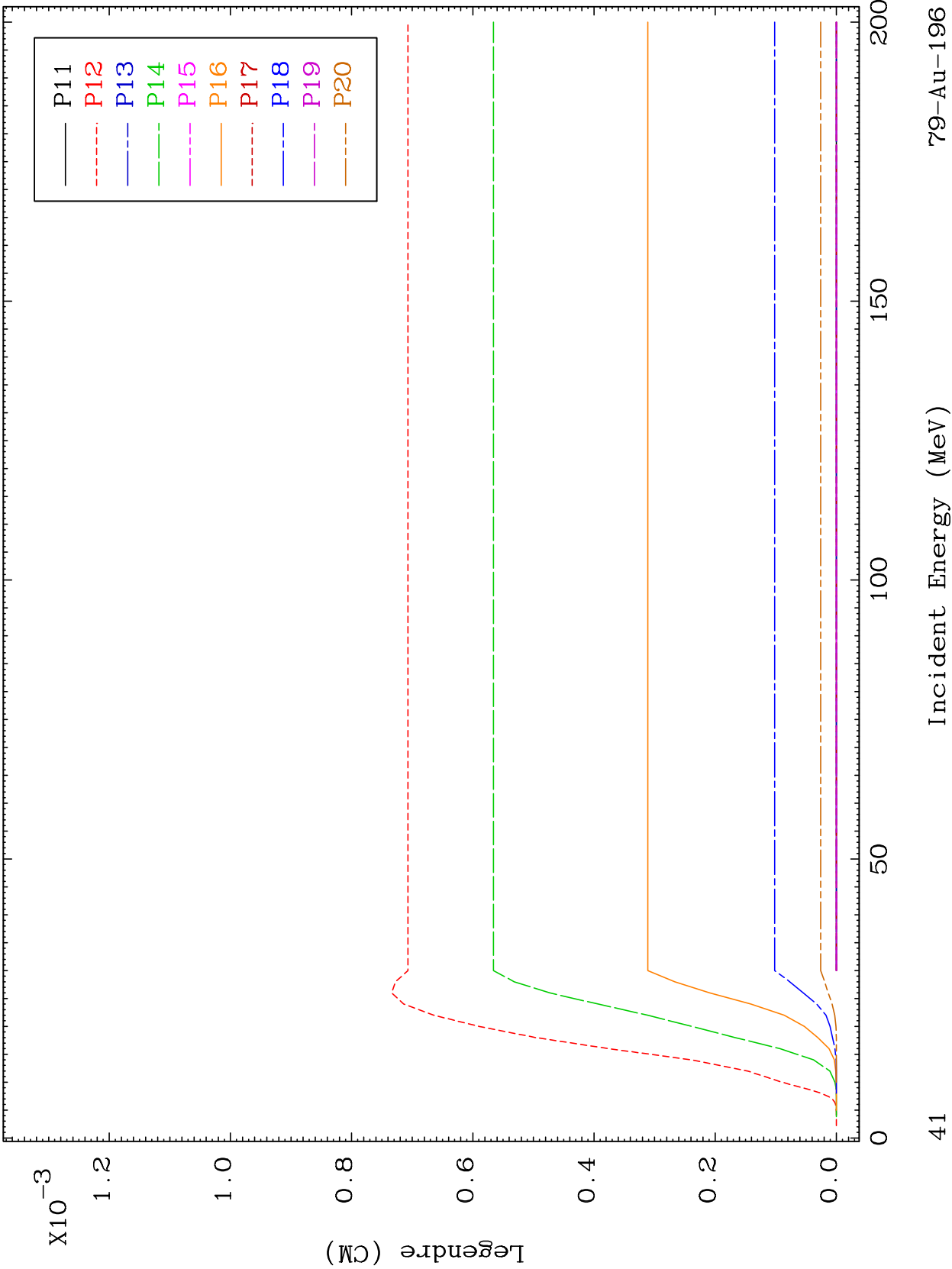
Incident Energy (MeV)

38

MAT 7922

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

79-Au-196



41

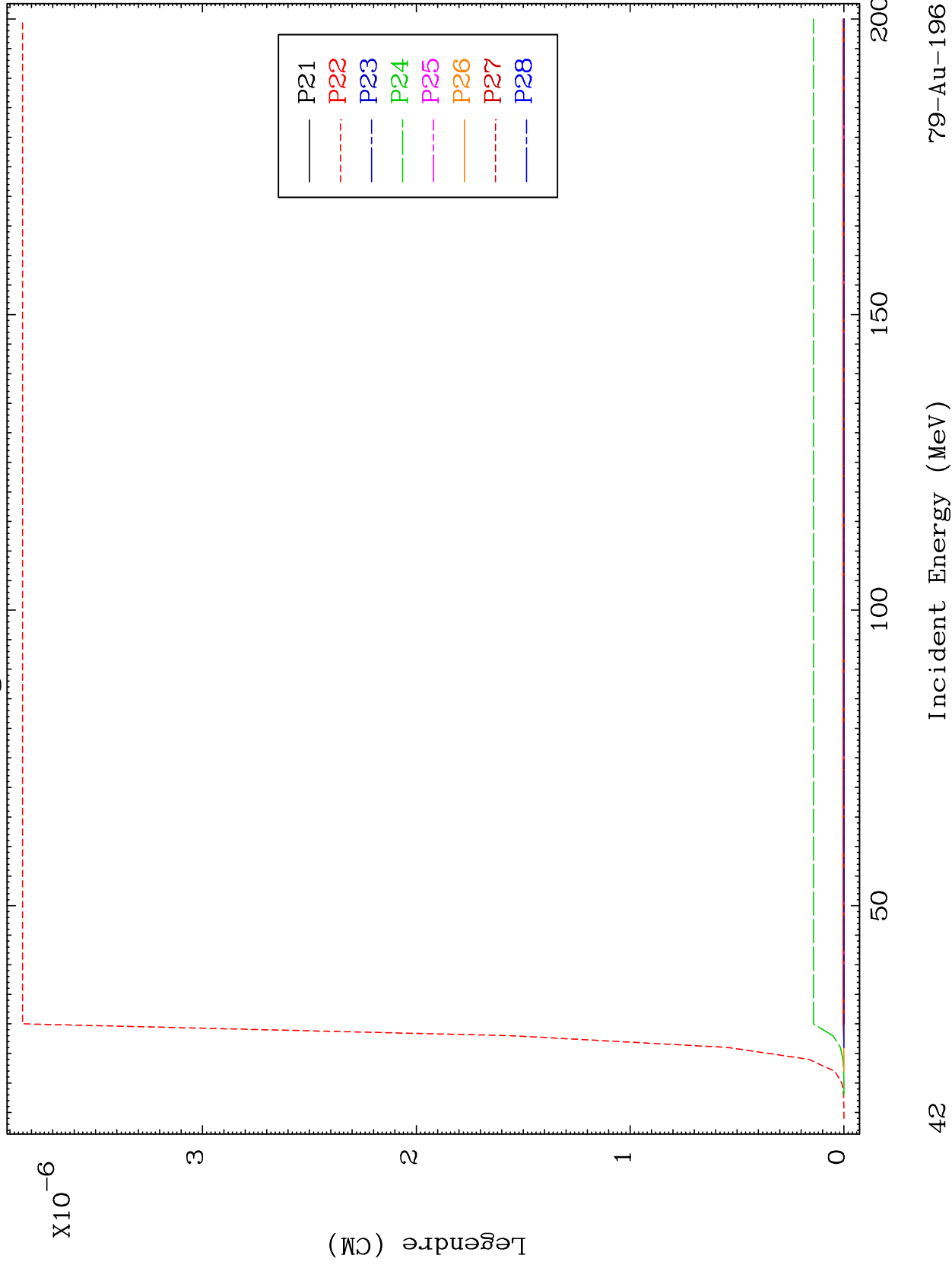
Incident Energy (MeV)

79-Au-196

MAT 7922

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

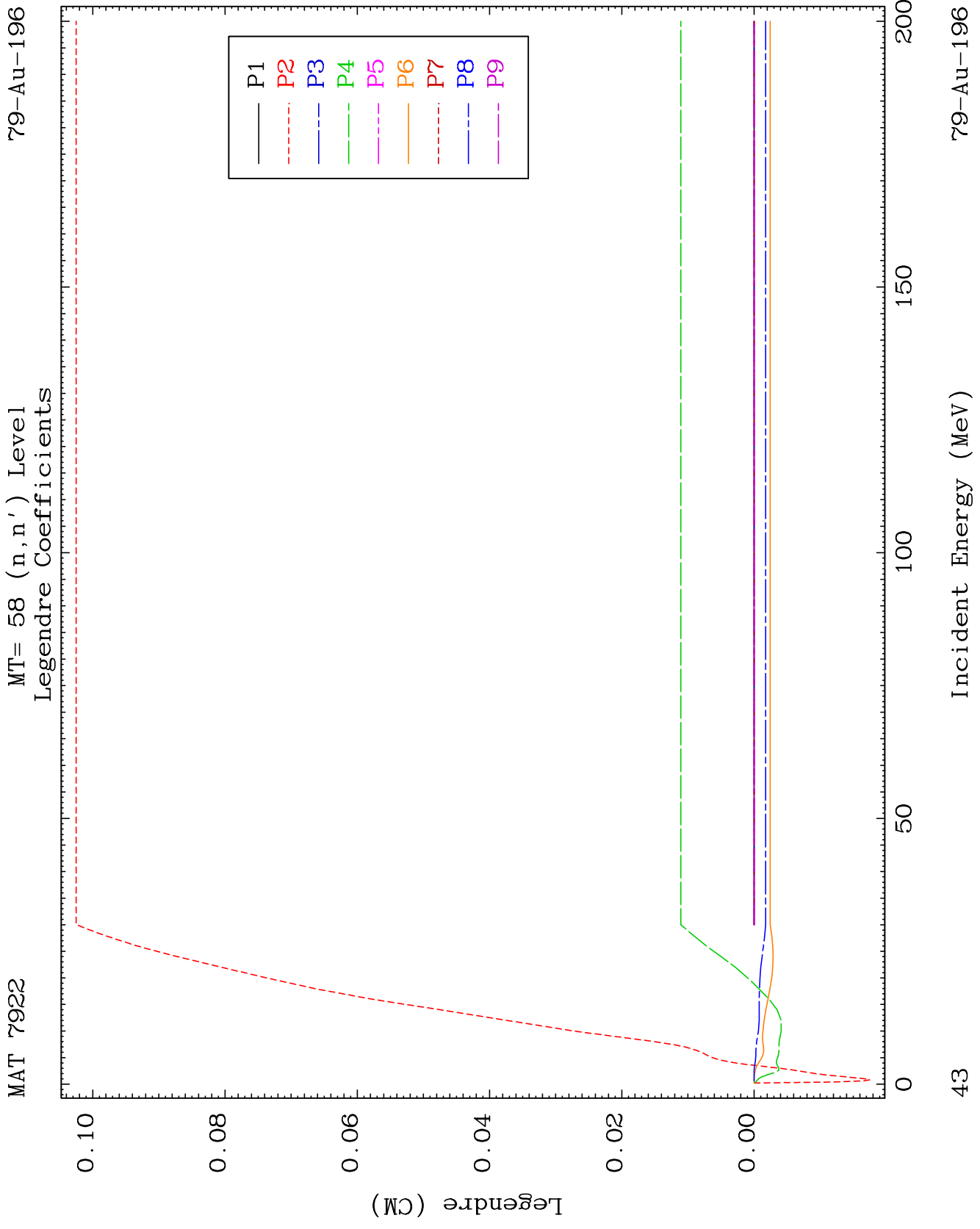
79-Au-196



42

Incident Energy (MeV)

79-Au-196



79-Au-196

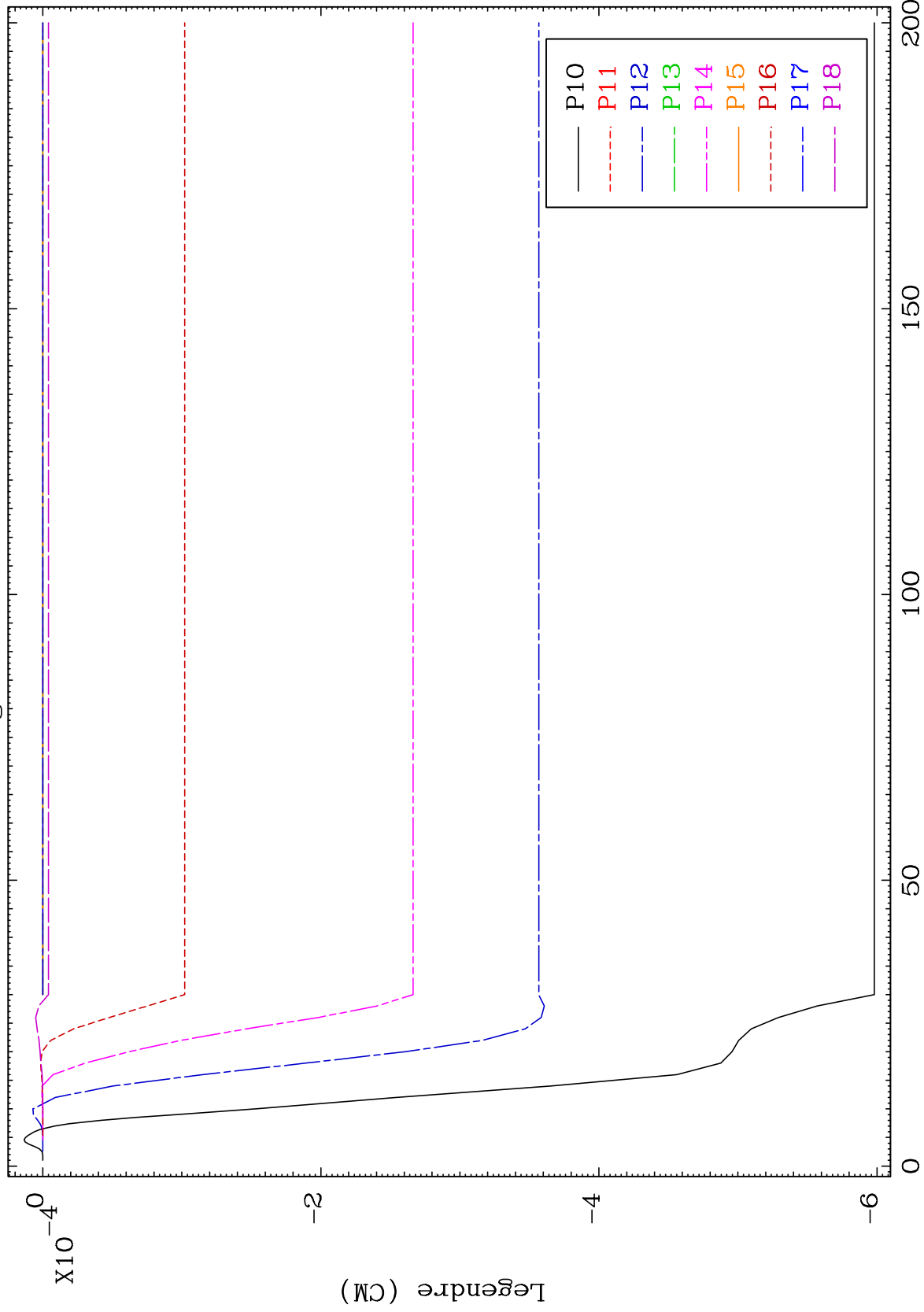
Incident Energy (MeV)

43

MAT 7922

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

79-Au-196



44

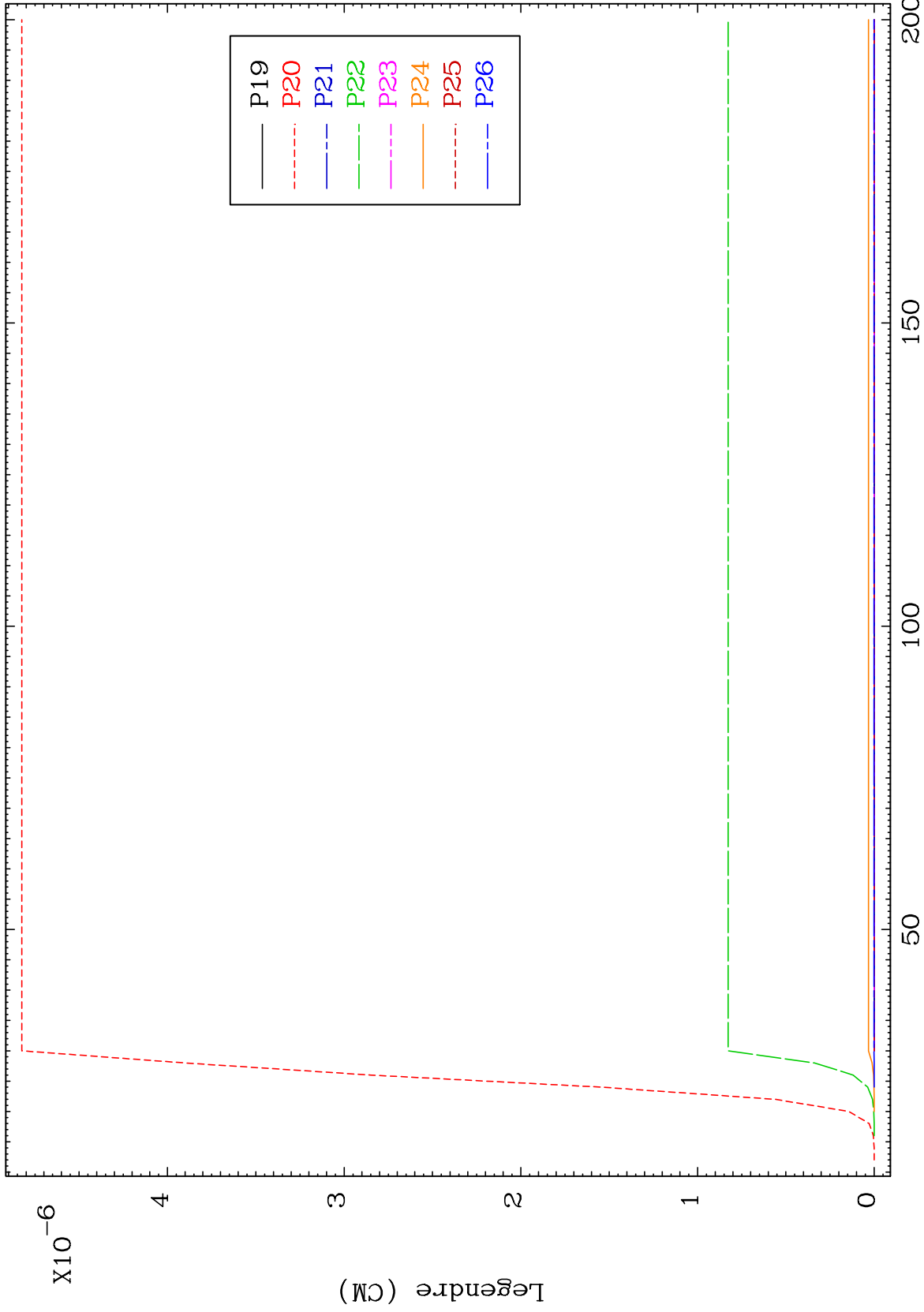
Incident Energy (MeV)

79-Au-196

MAT 7922

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

79-Au-196



45

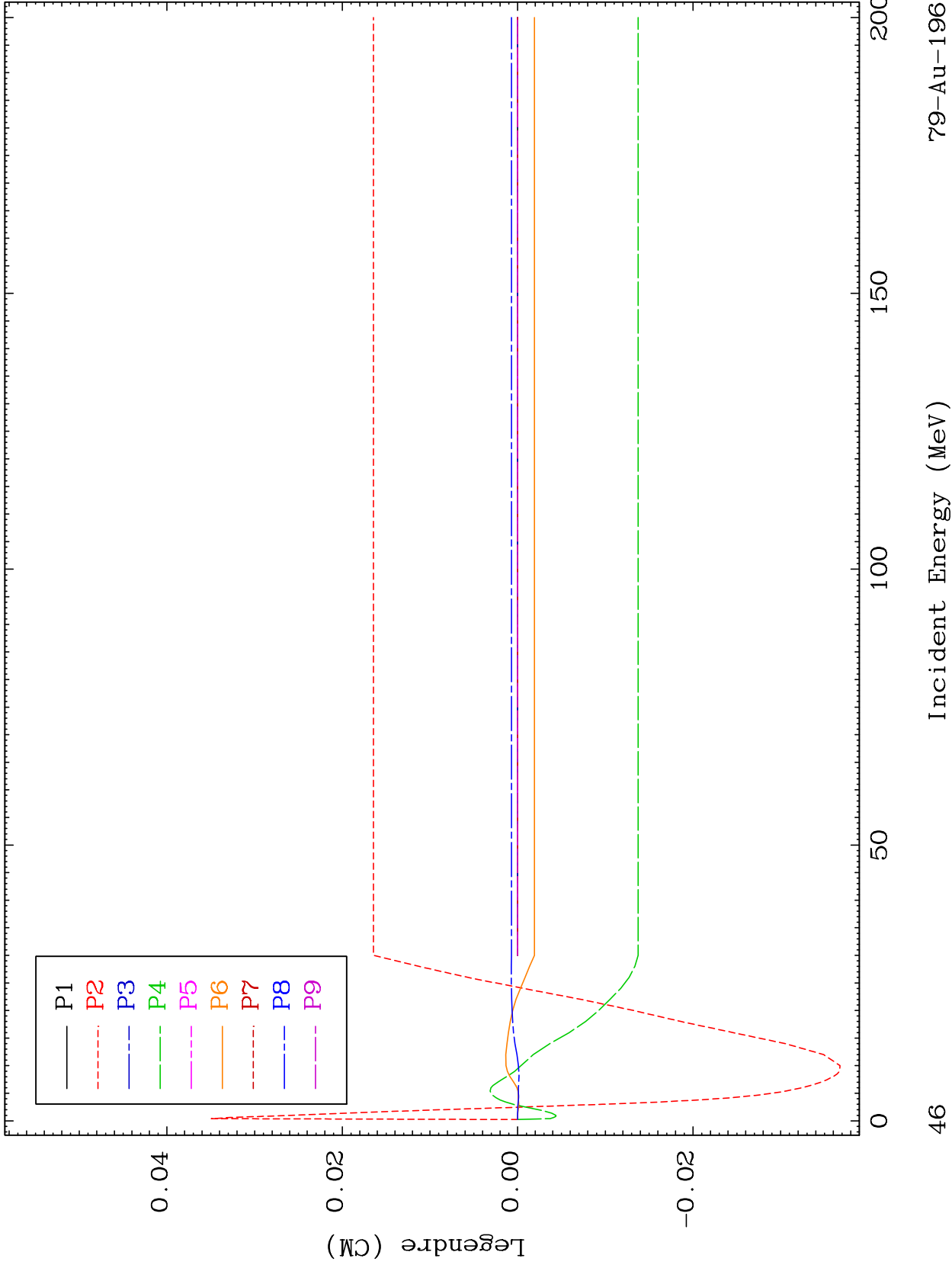
Incident Energy (MeV)

79-Au-196

MAT 7922

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

79-Au-196



79-Au-196

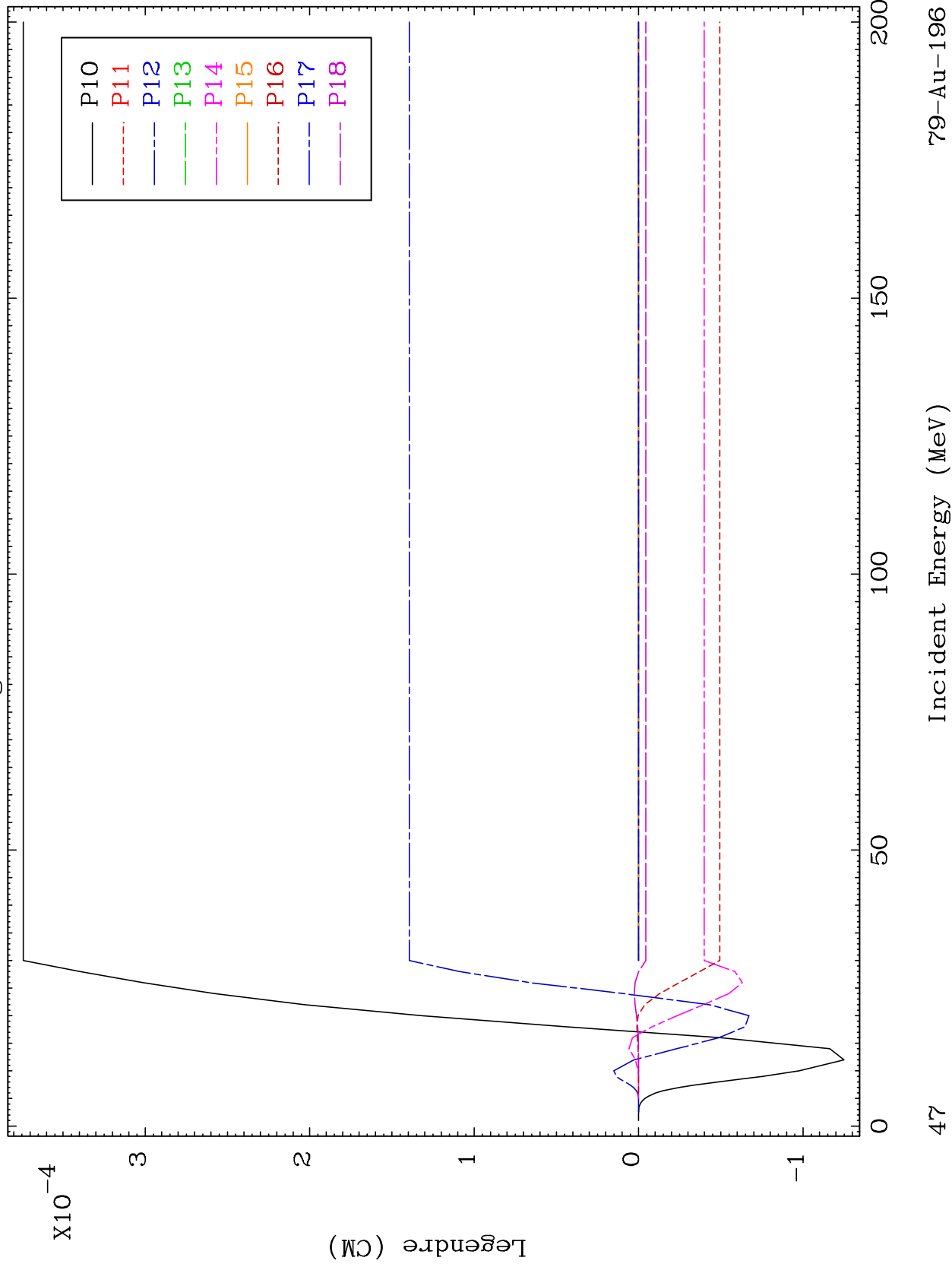
Incident Energy (MeV)

46

MAT 7922

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

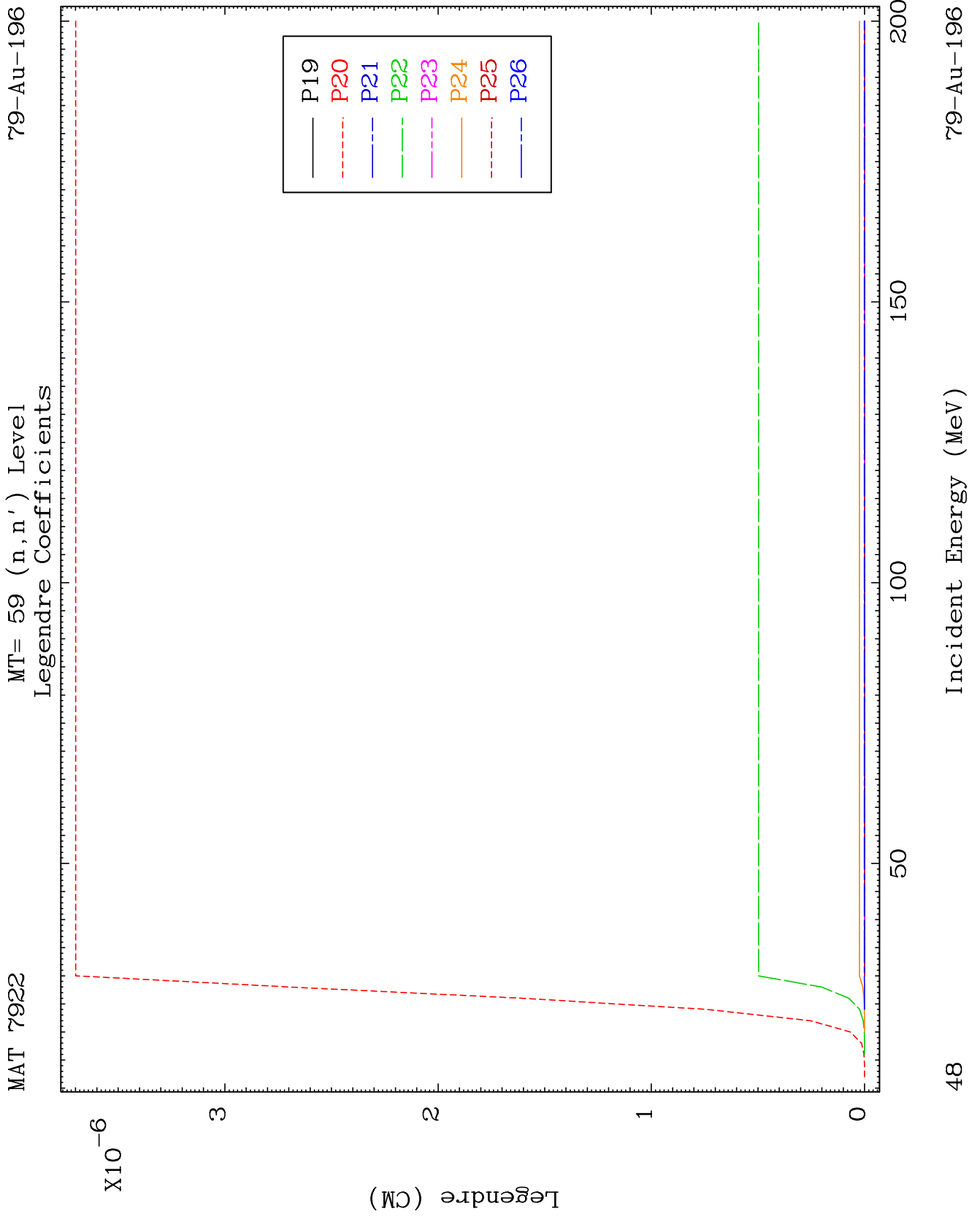
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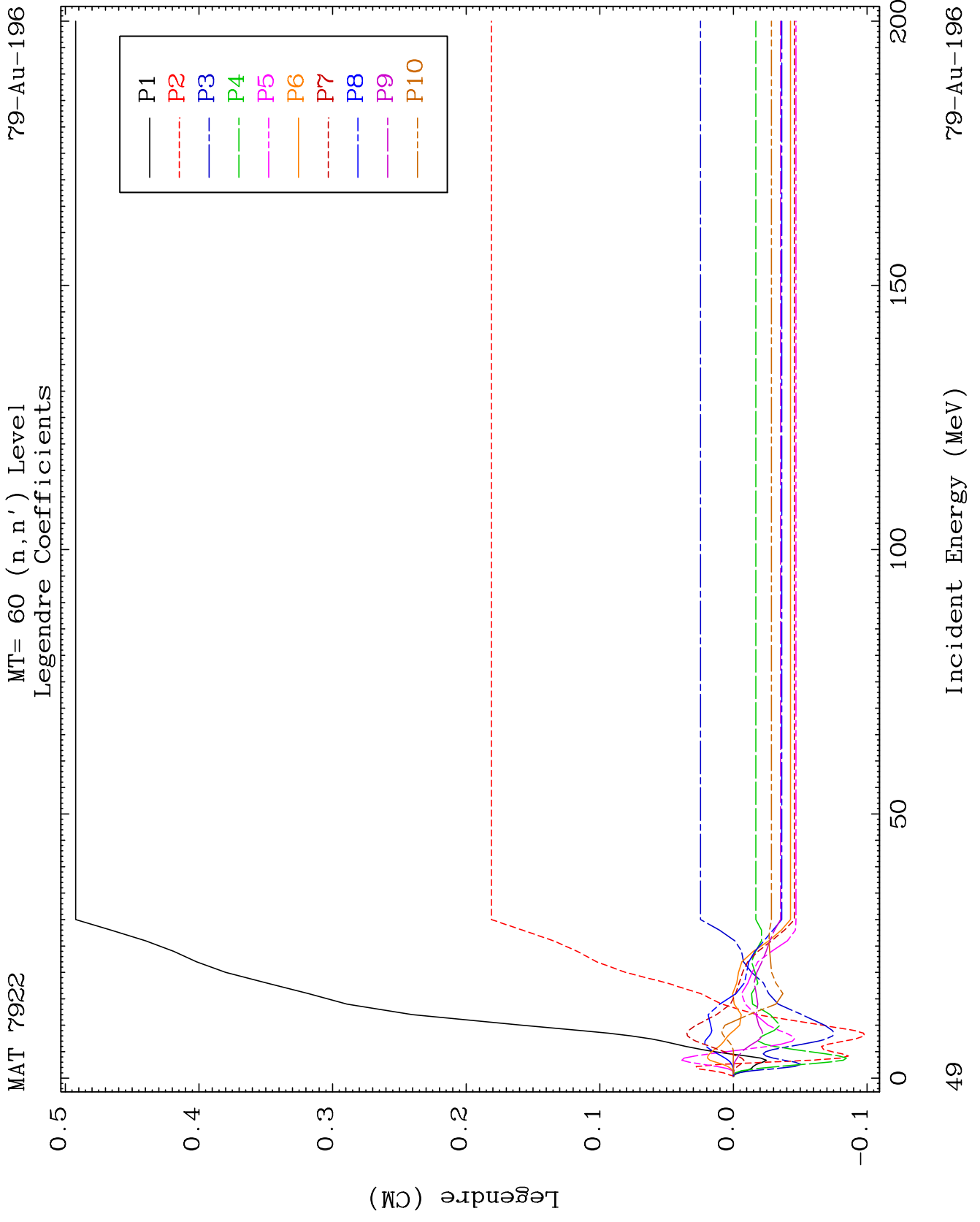


79-Au-196

Incident Energy (MeV)

47

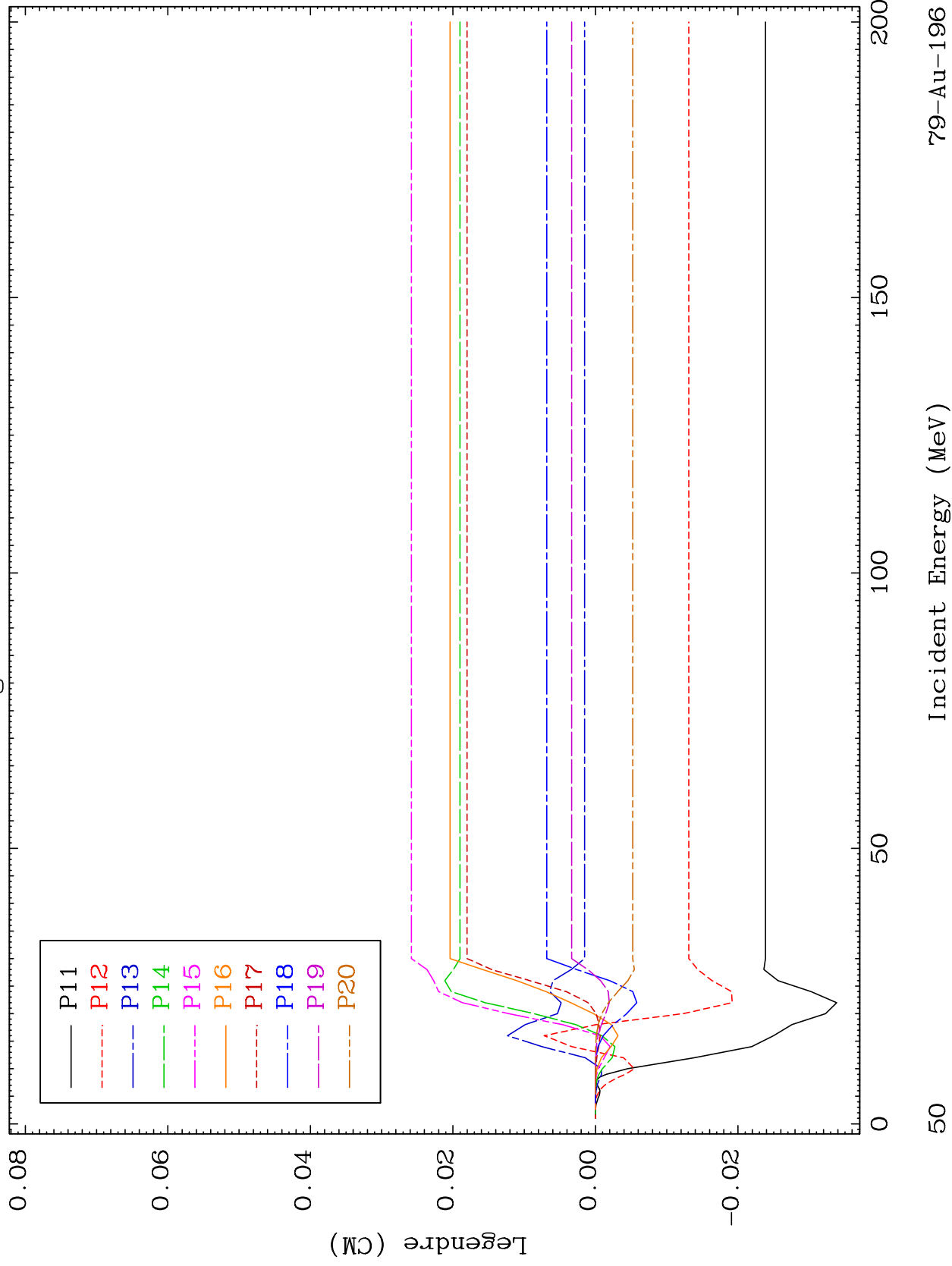




MAT 7922

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

79-Au-196



79-Au-196

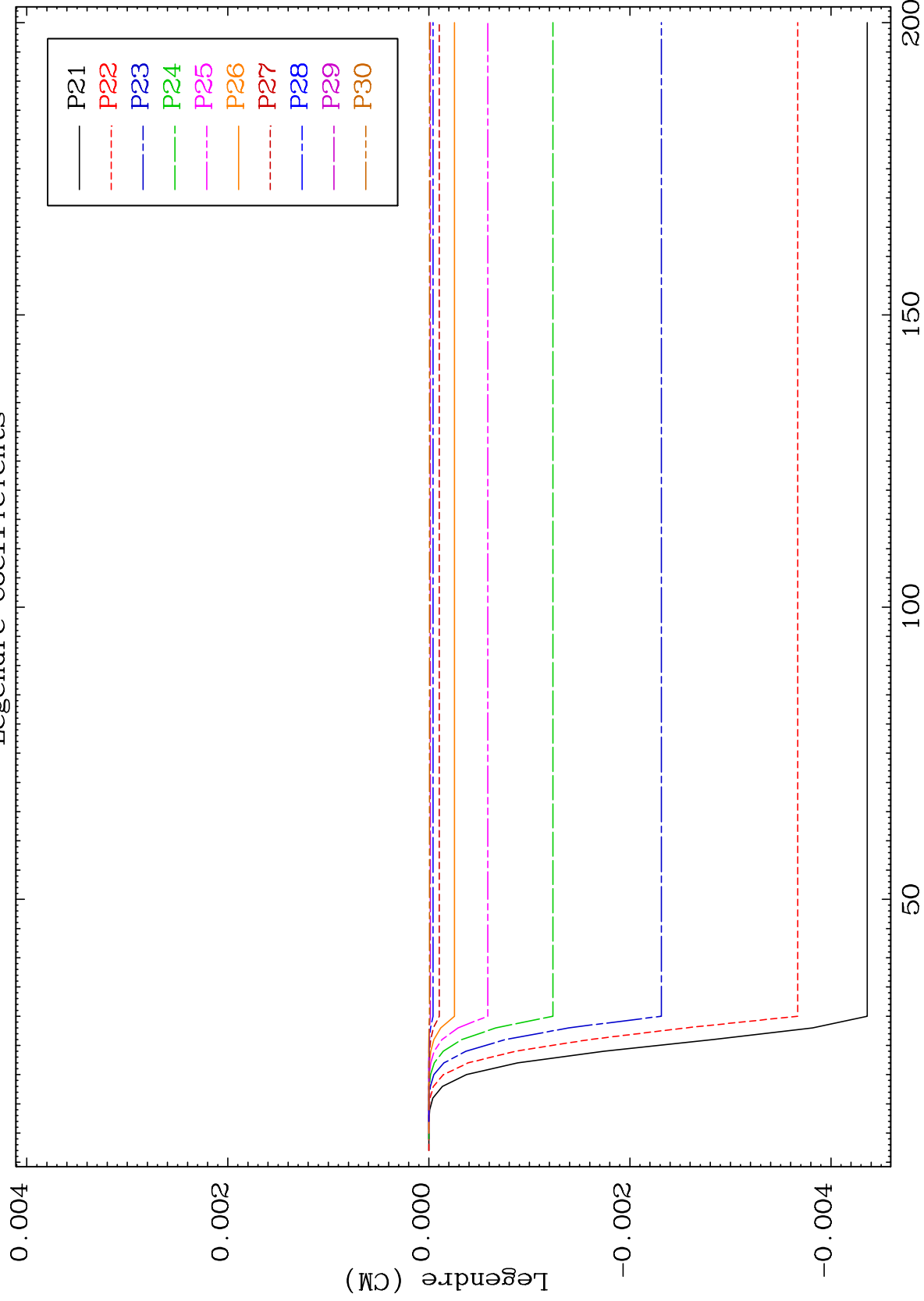
Incident Energy (MeV)

50

MAT 7922

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

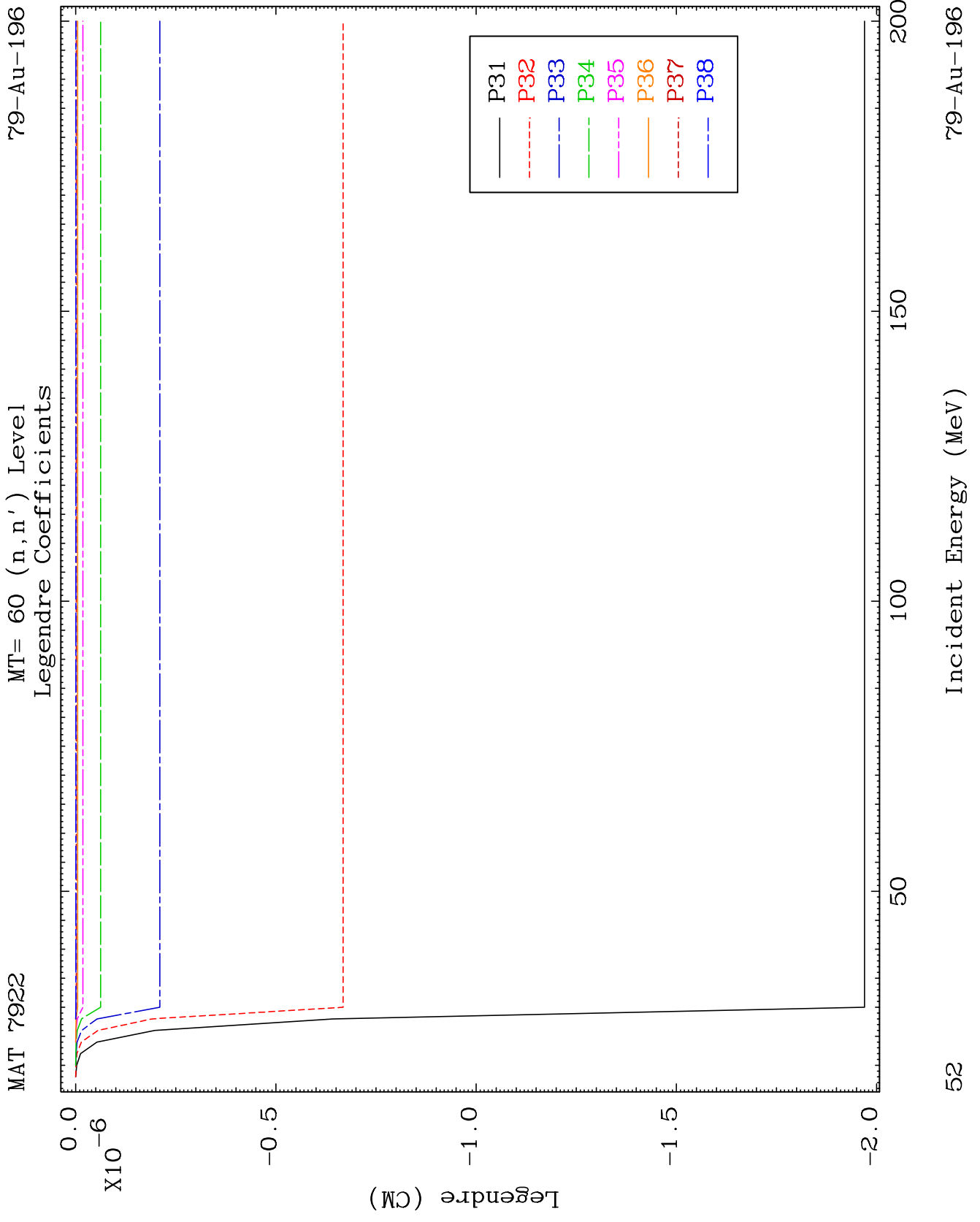
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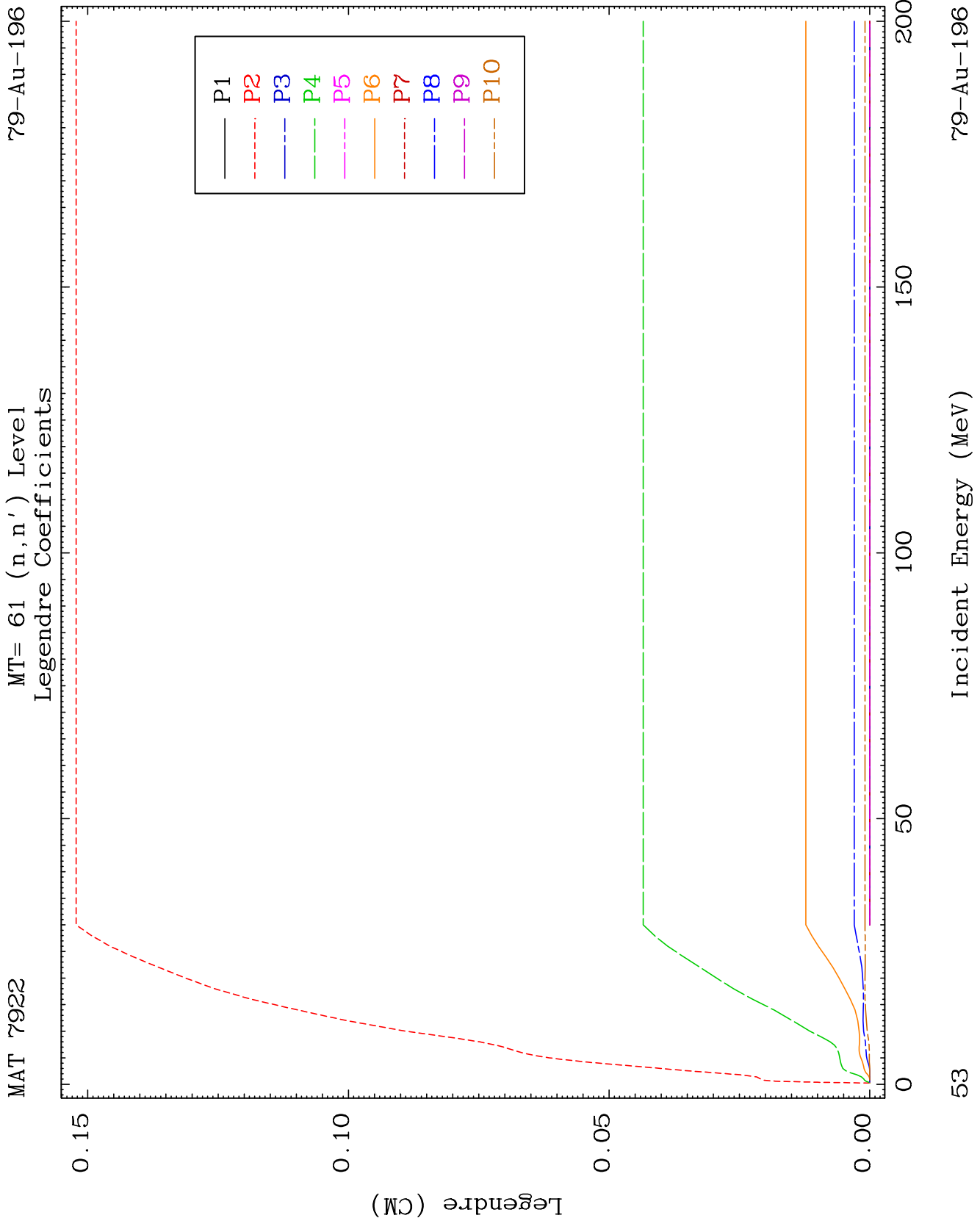


51

Incident Energy (MeV)

79-Au-196

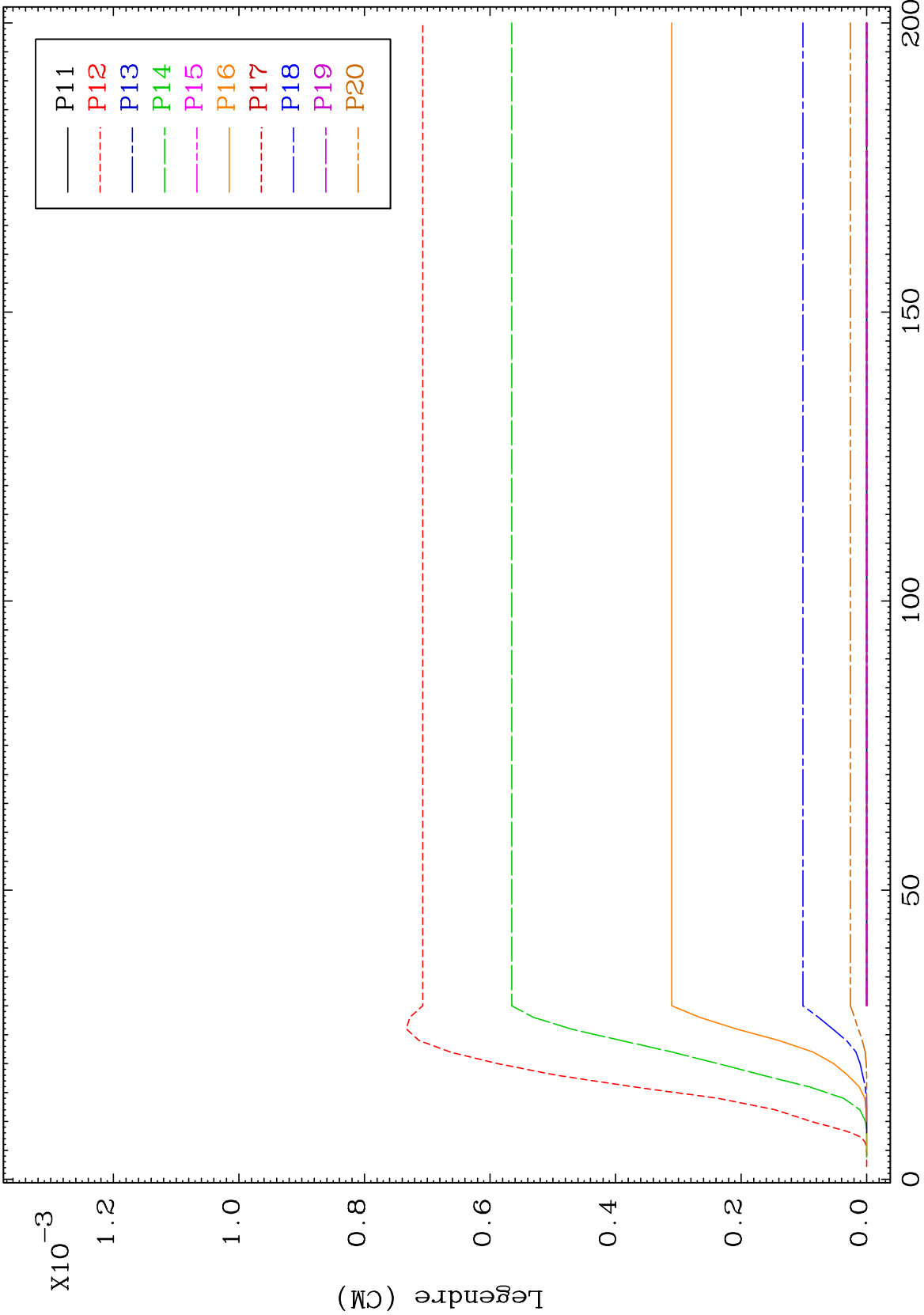




MAT 7922

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

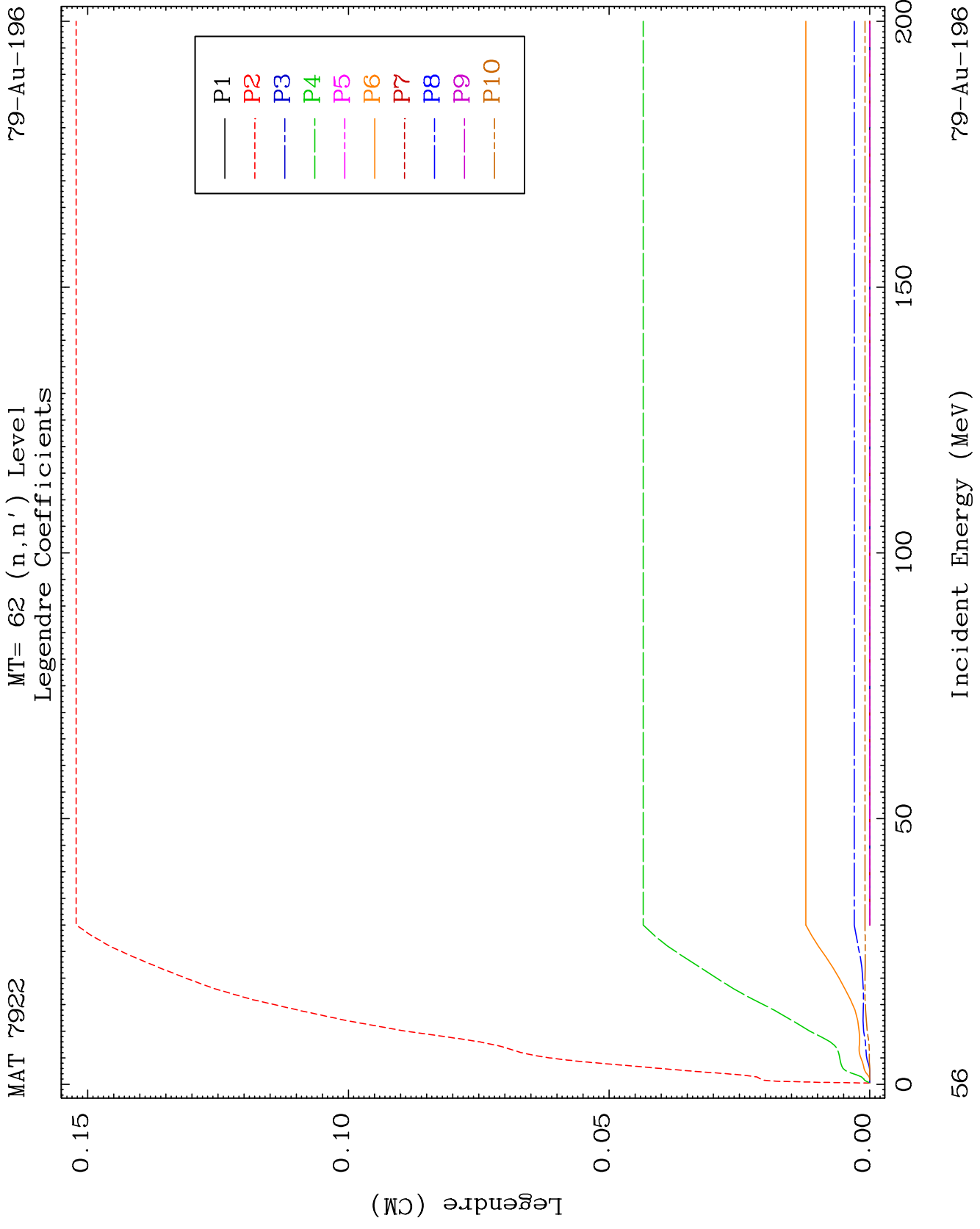
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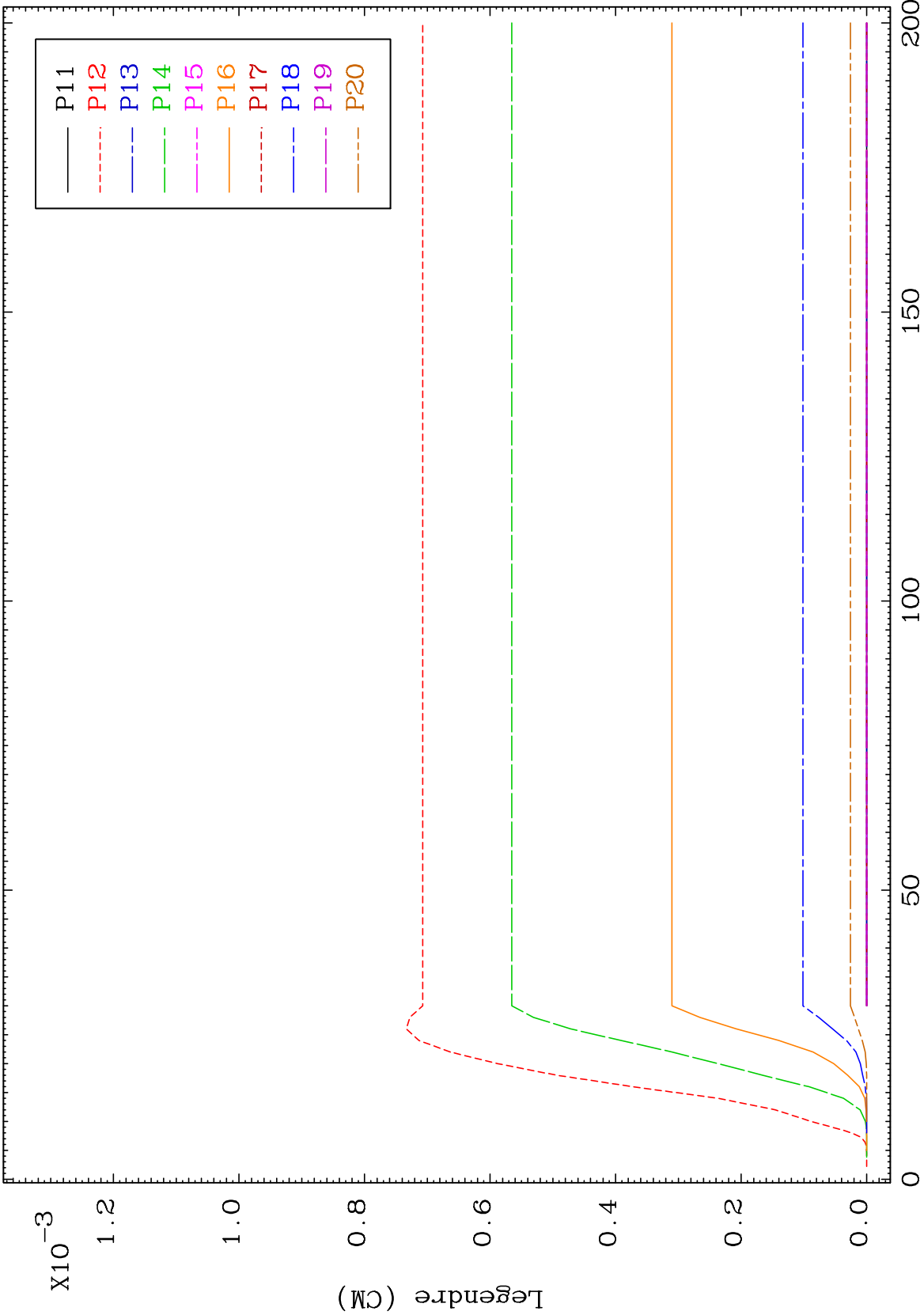


54

Incident Energy (MeV)

79-Au-196

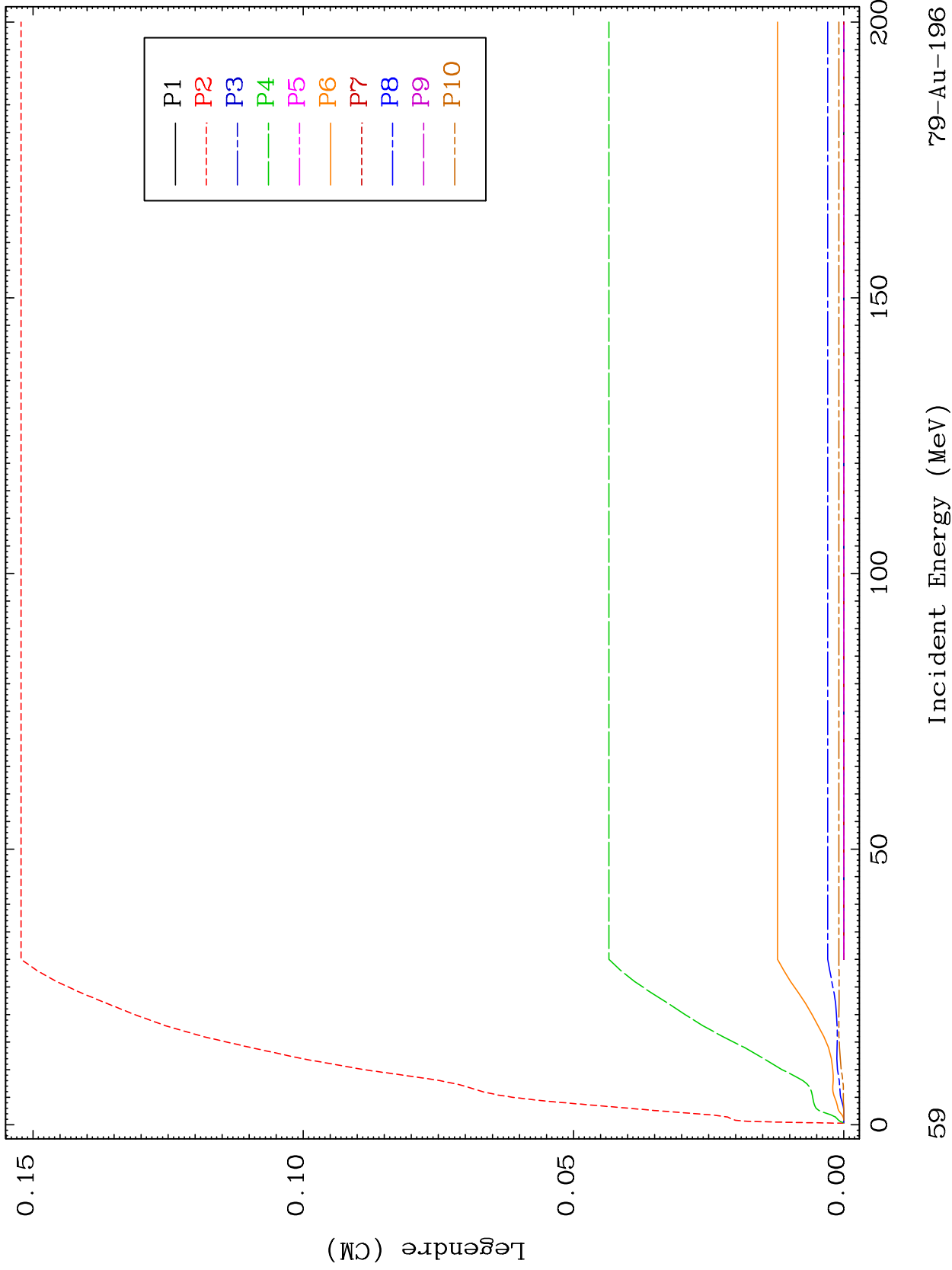




MAT 7922

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

79-Au-196



79-Au-196

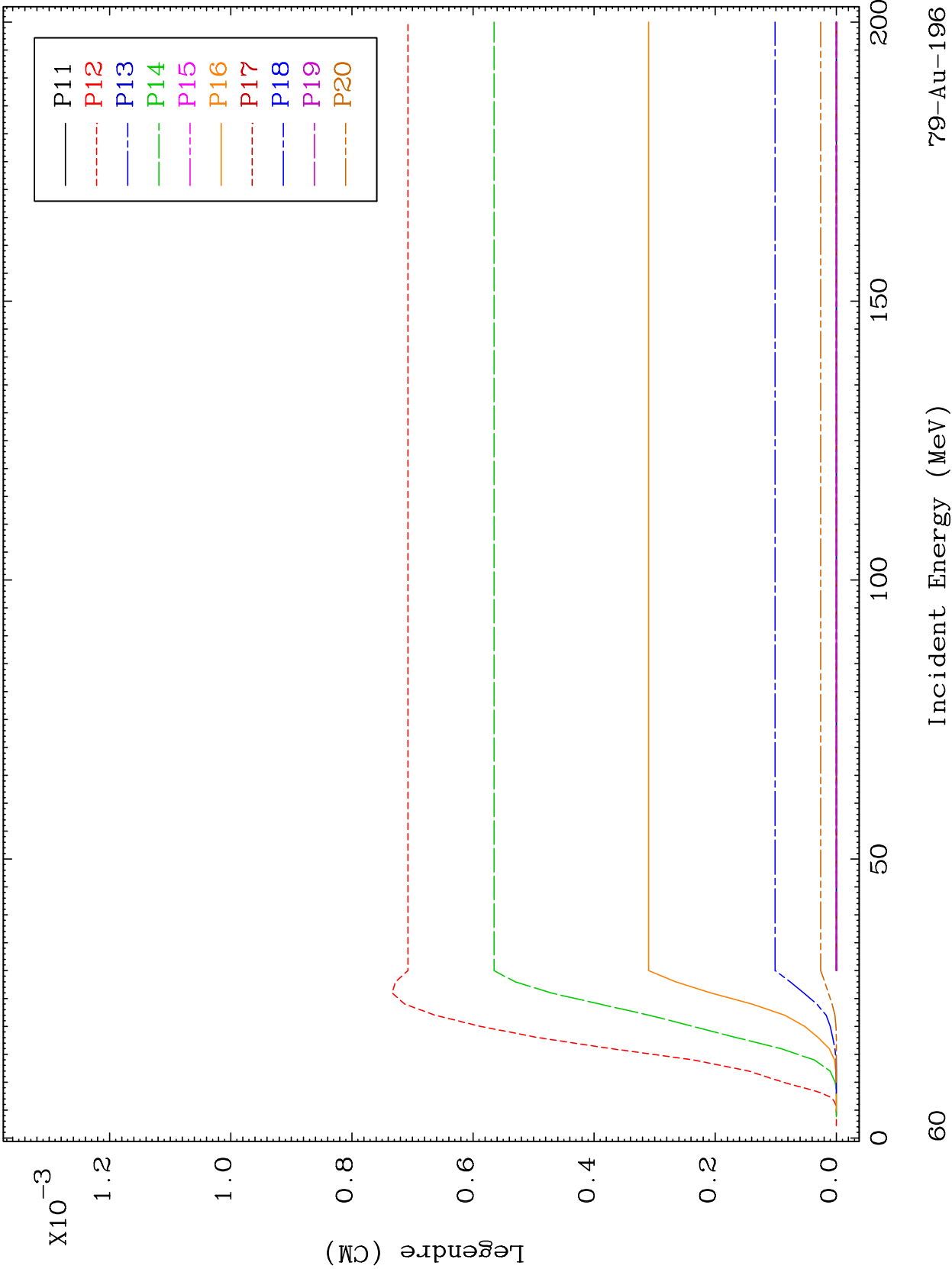
Incident Energy (MeV)

59

MAT 7922

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

79-Au-196



79-Au-196

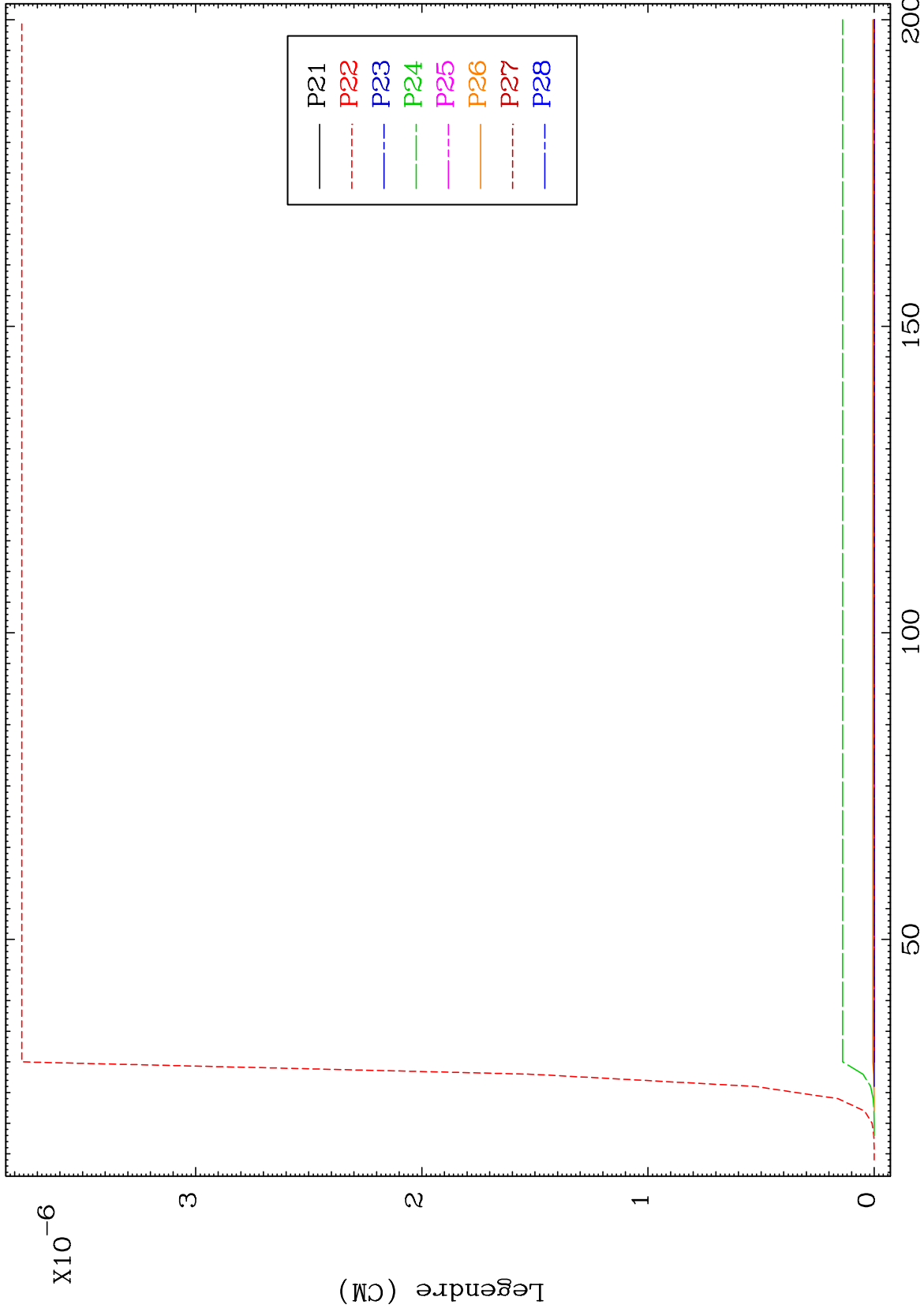
Incident Energy (MeV)

60

MAT 7922

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

79-Au-196



61

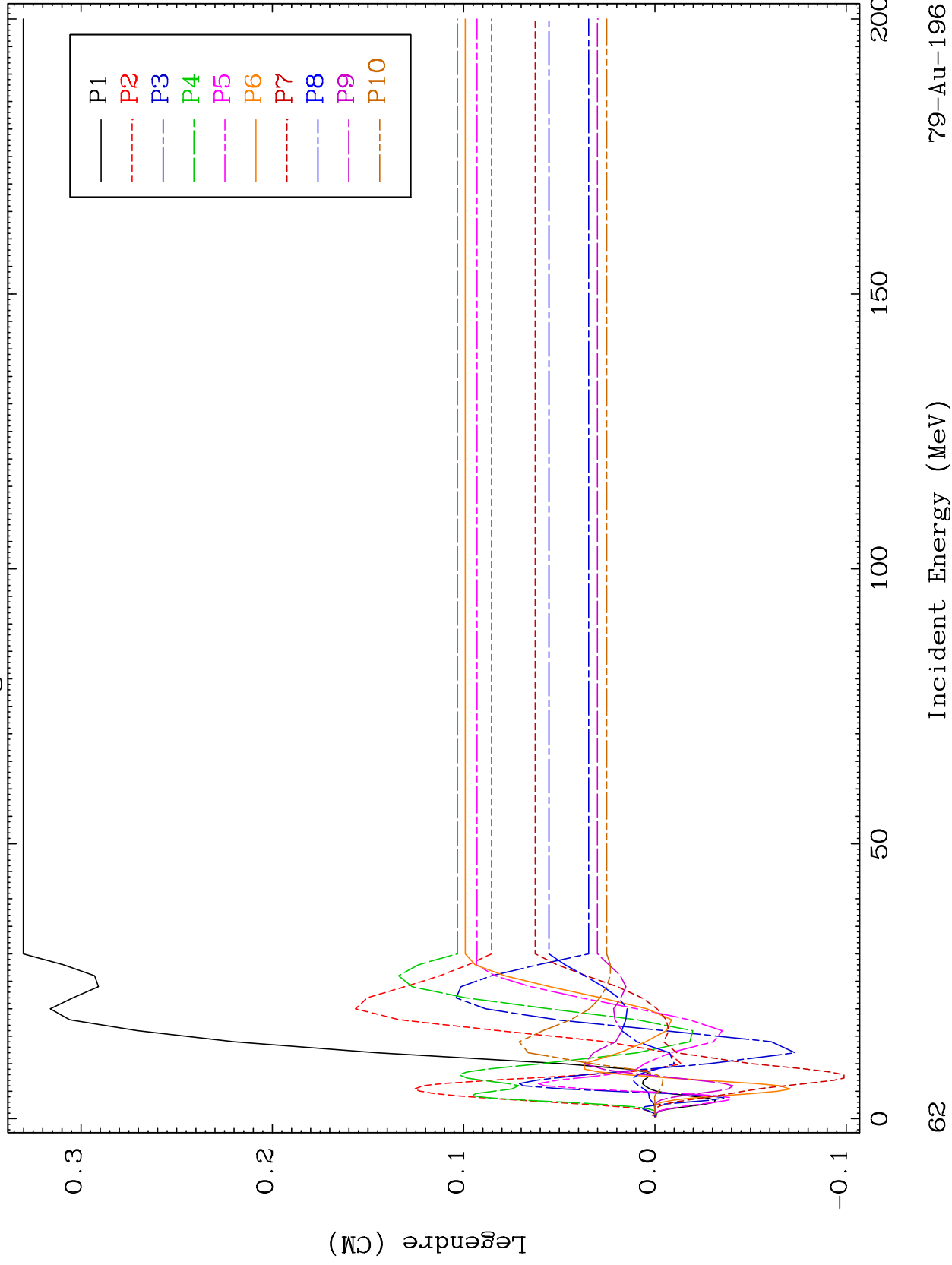
Incident Energy (MeV)

79-Au-196

MAT 7922

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

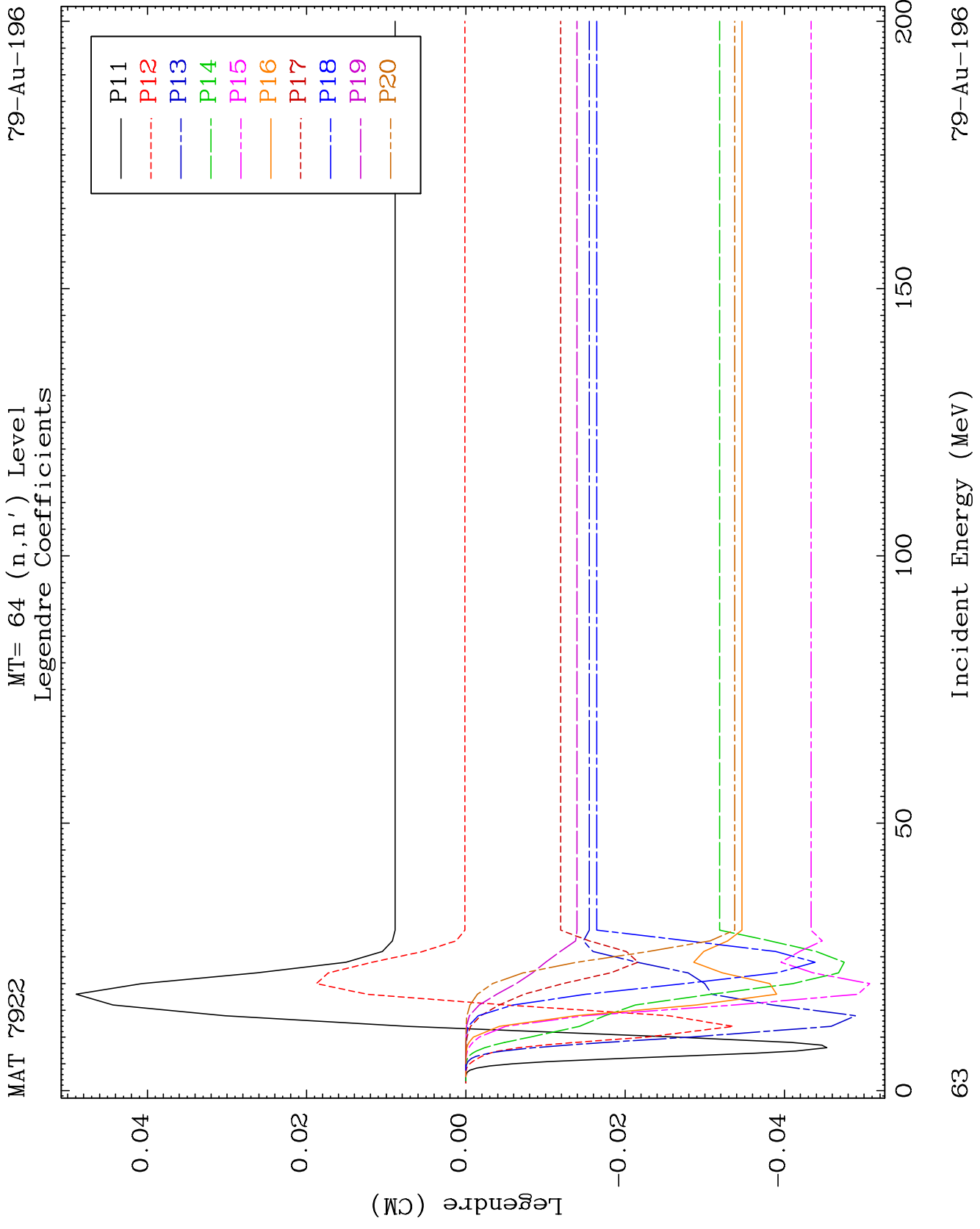
79-Au-196



79-Au-196

Incident Energy (MeV)

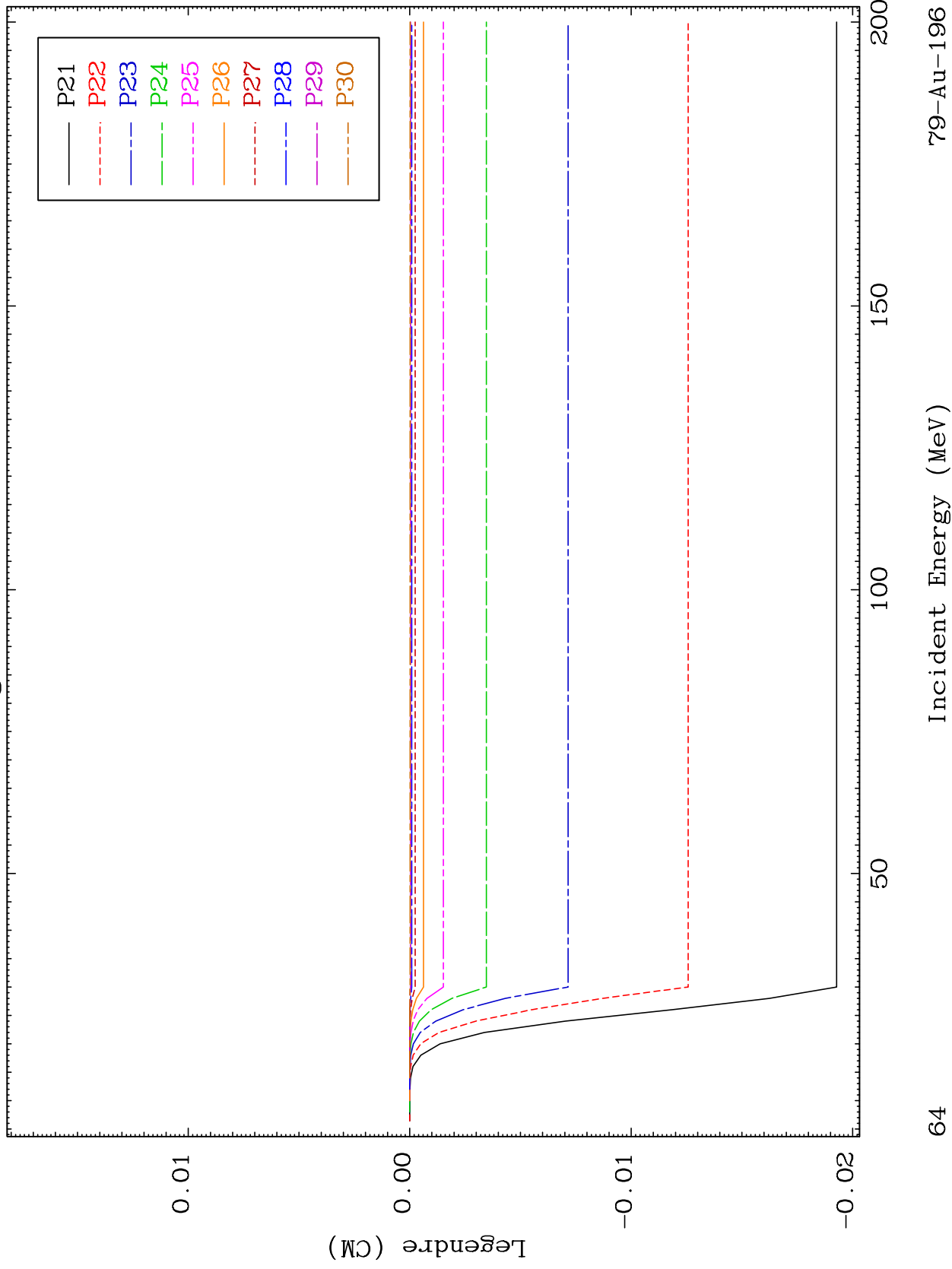
62



MAT 7922

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

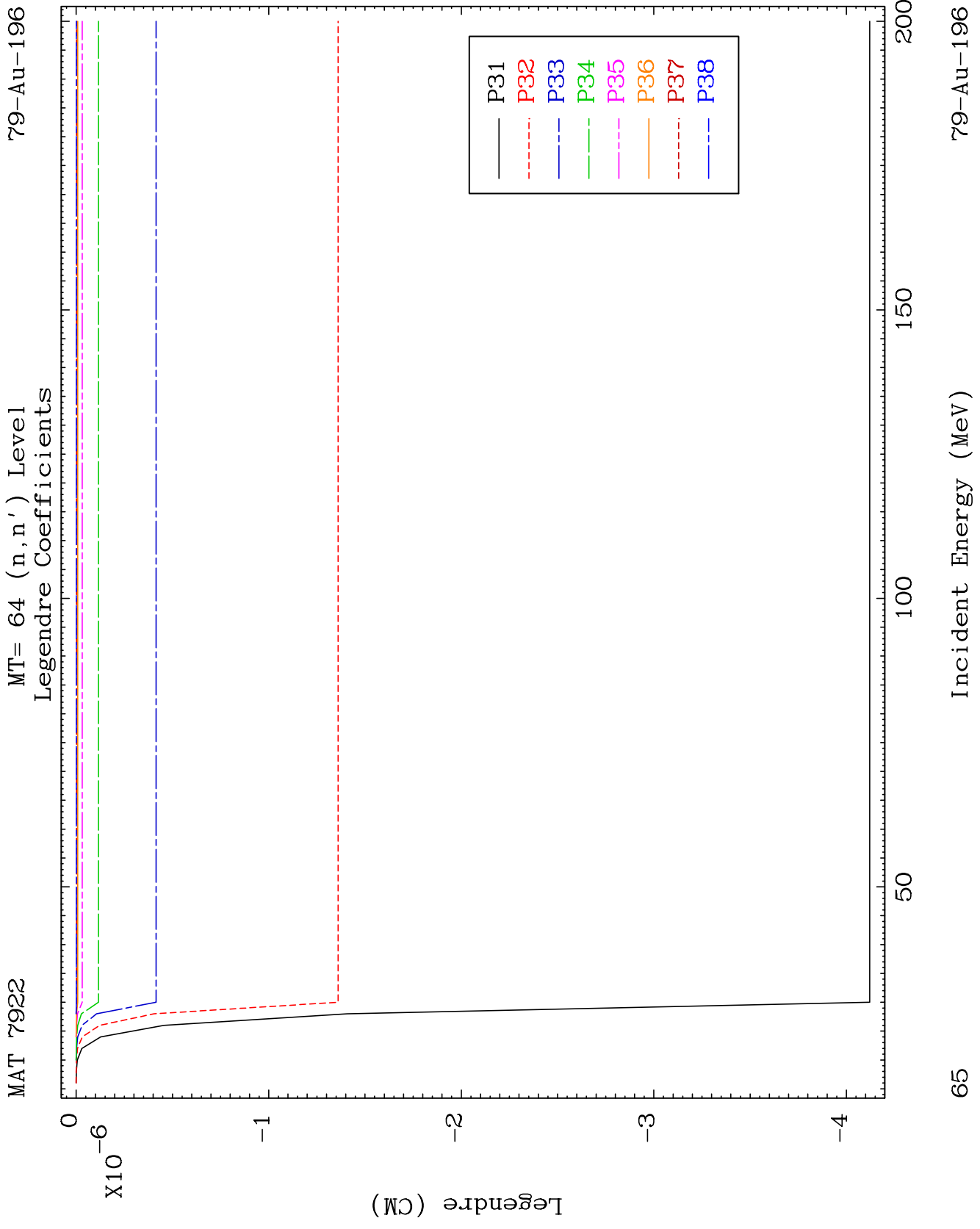
79-Au-196



79-Au-196

Incident Energy (MeV)

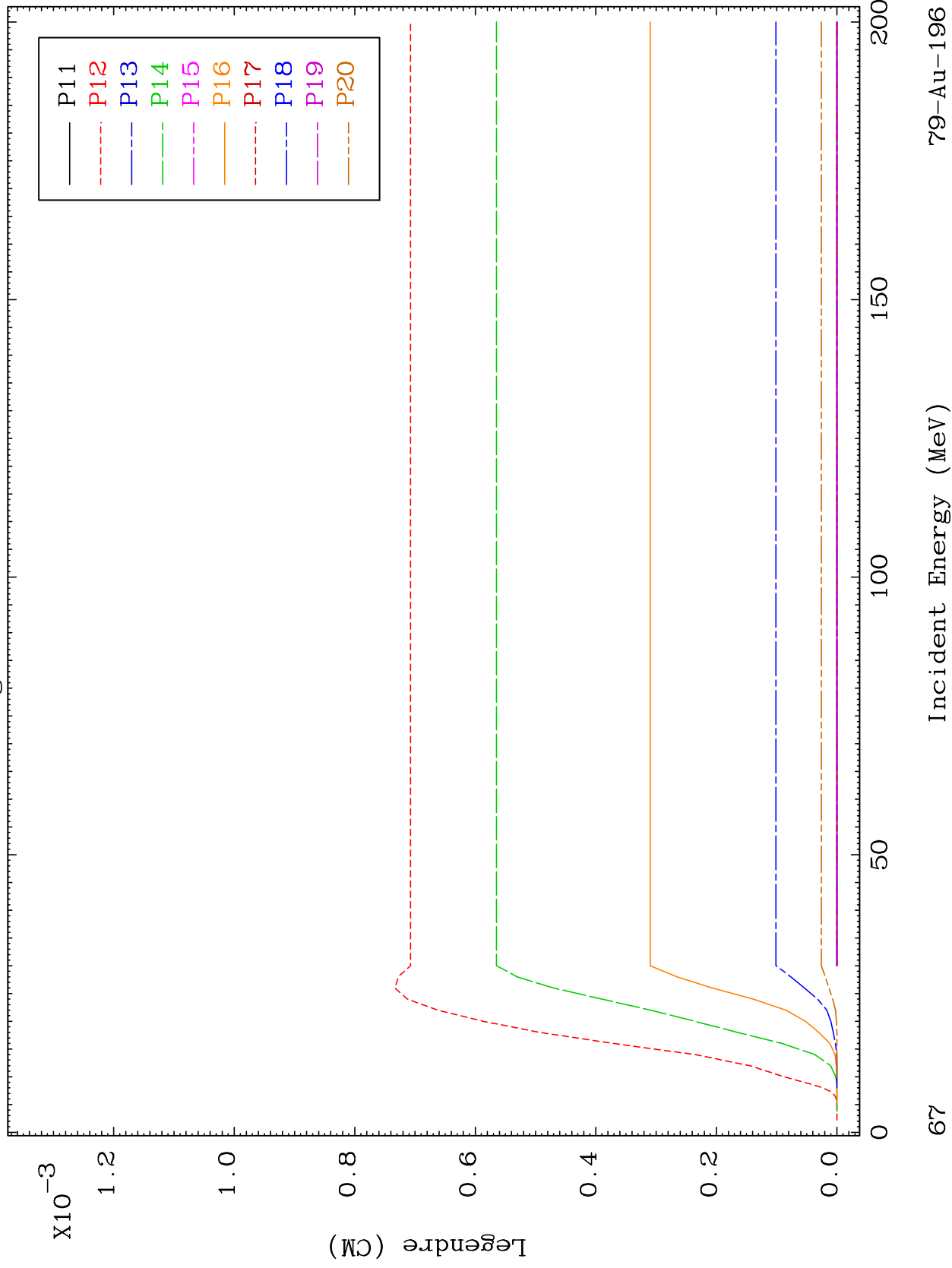
64

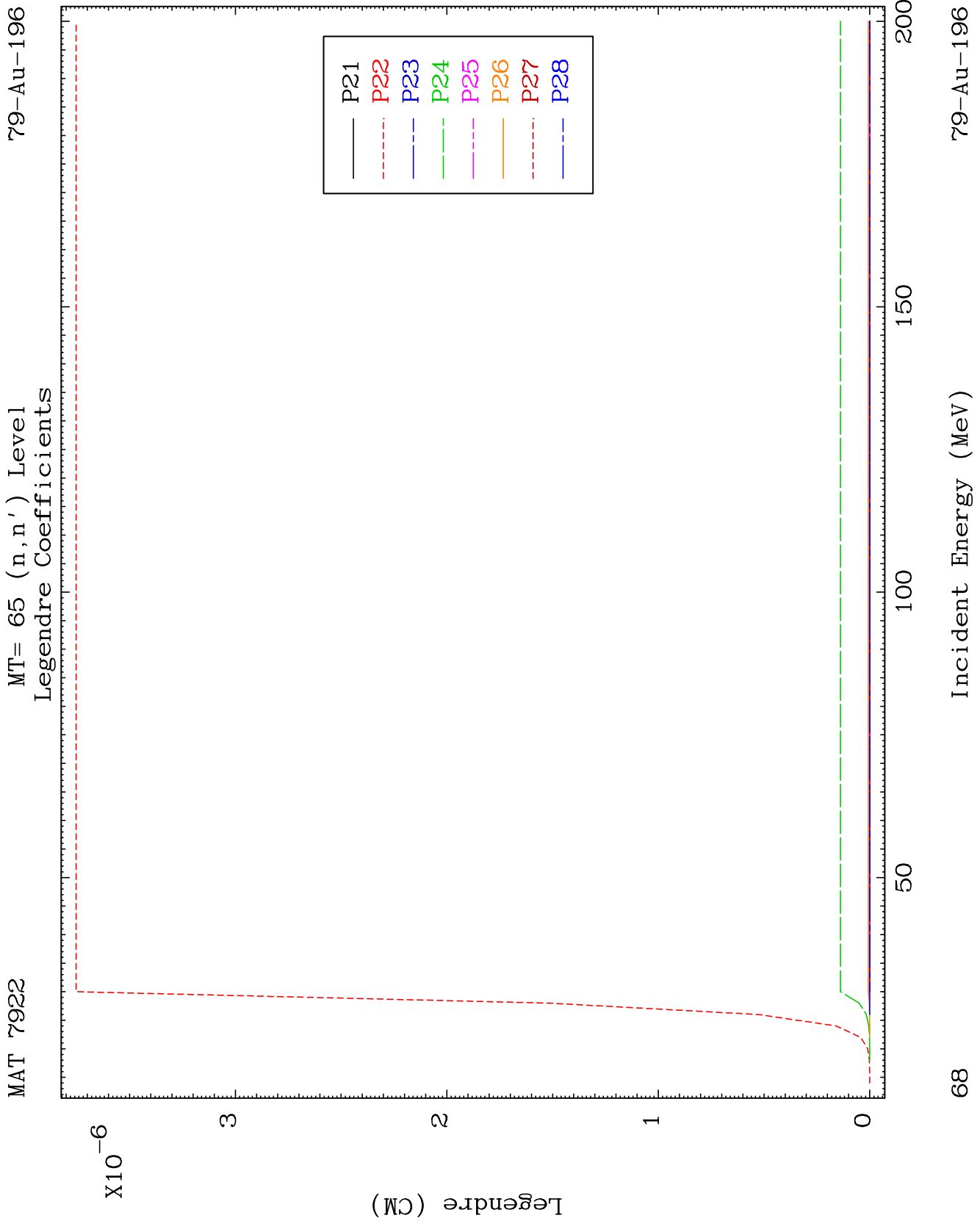


MAT 7922

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

79-Au-196

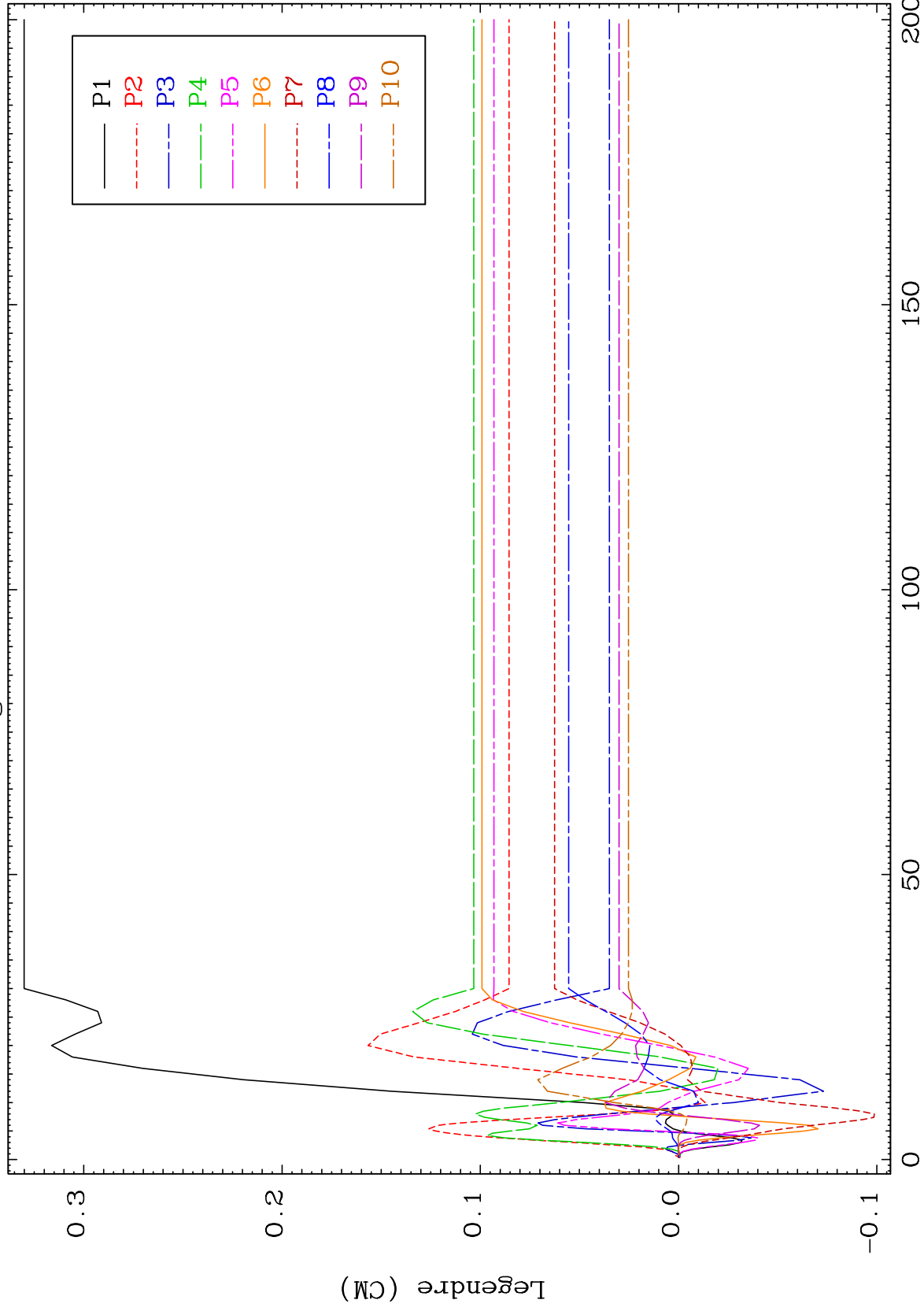




MAT 7922

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

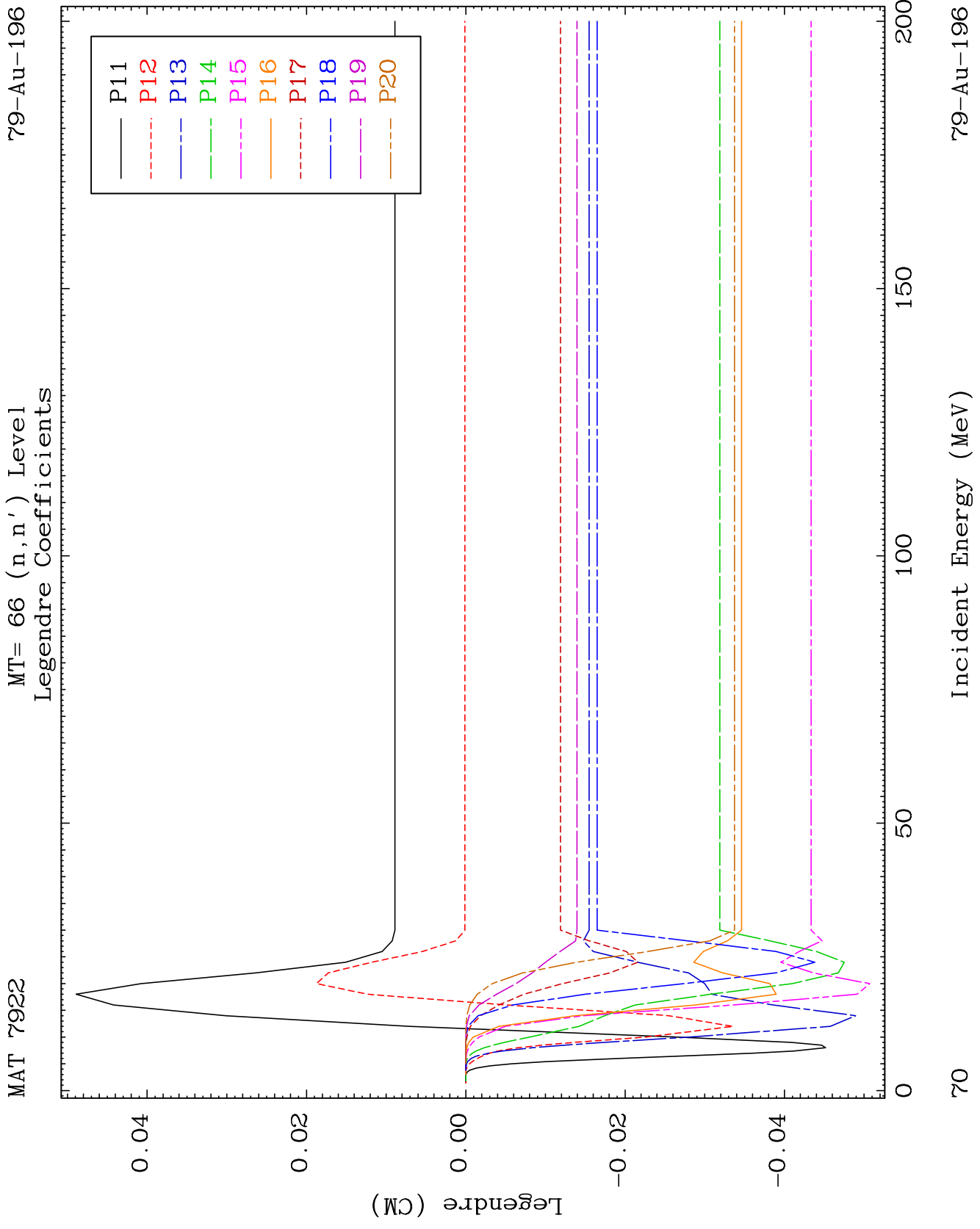
79-Au-196



69

Incident Energy (MeV)

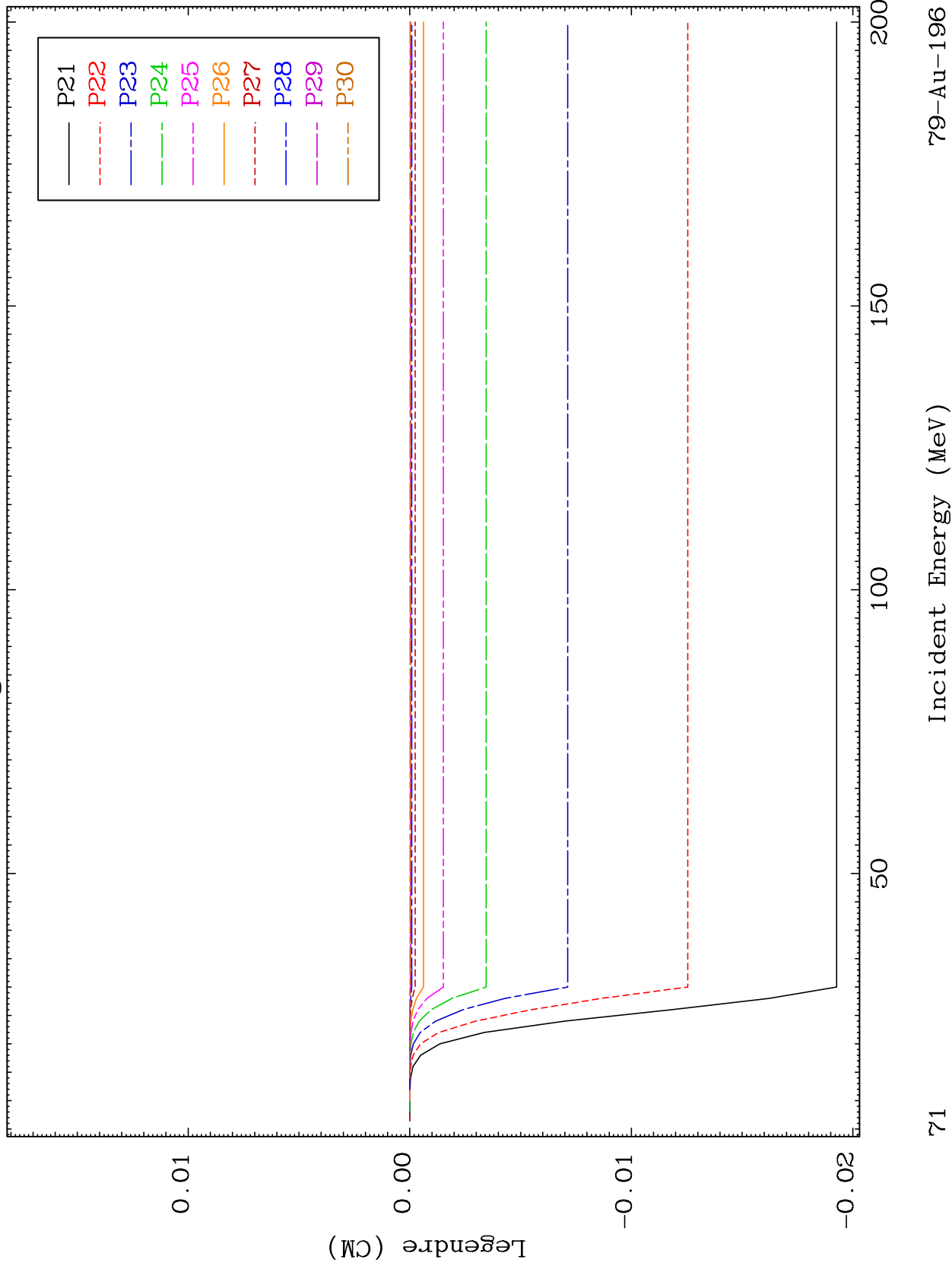
79-Au-196



MAT 7922

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

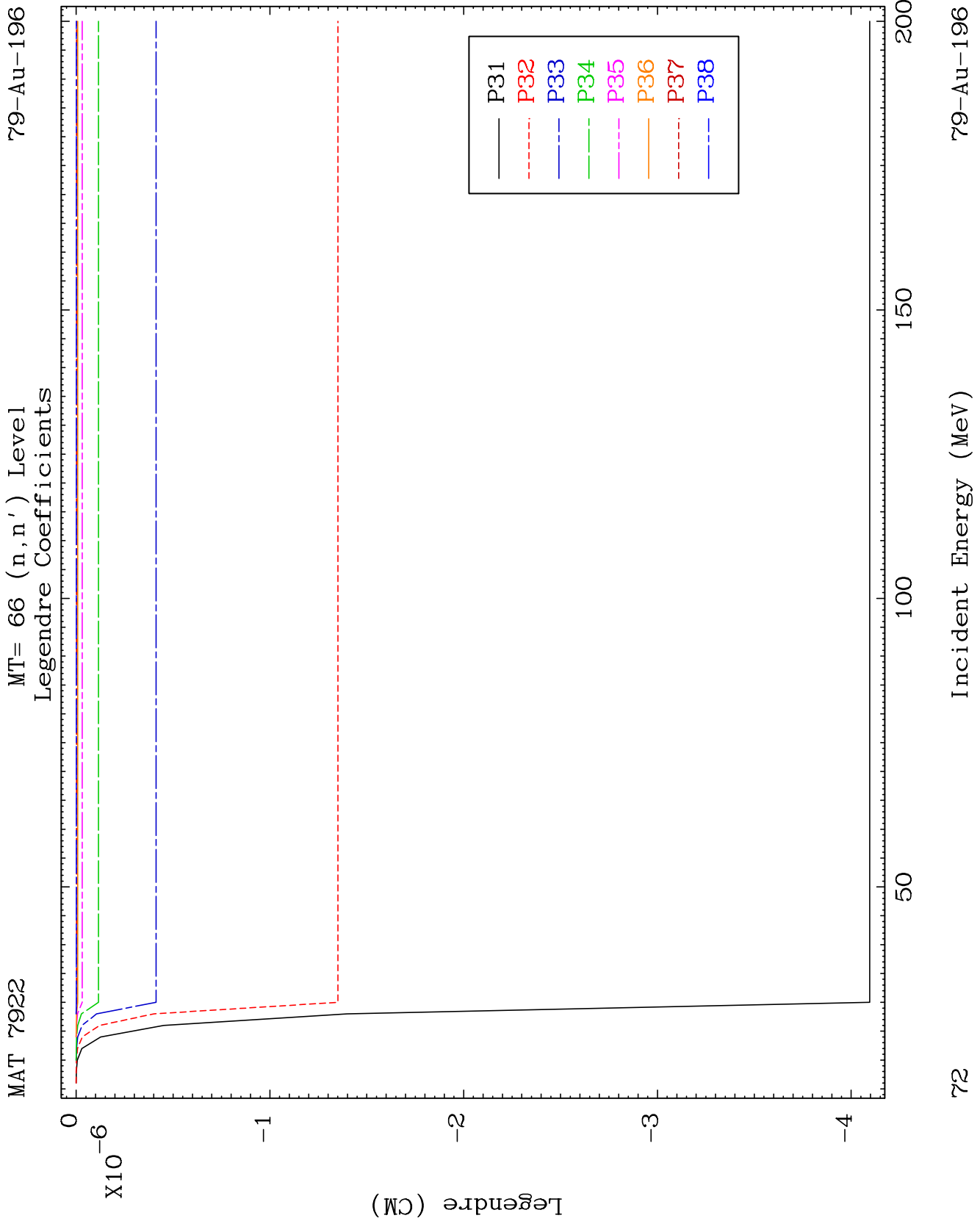
79-Au-196



71

Incident Energy (MeV)

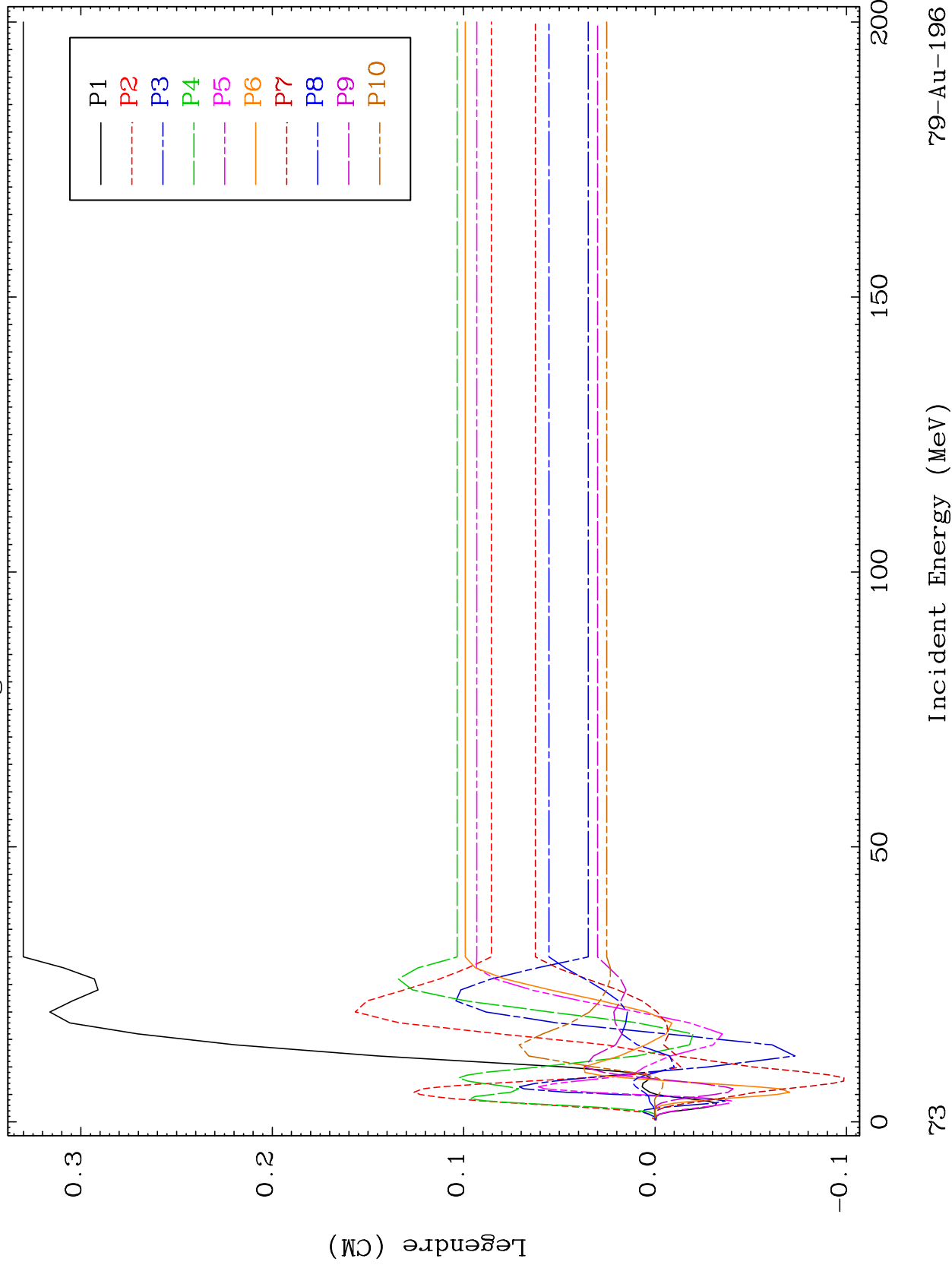
79-Au-196



MAT 7922

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

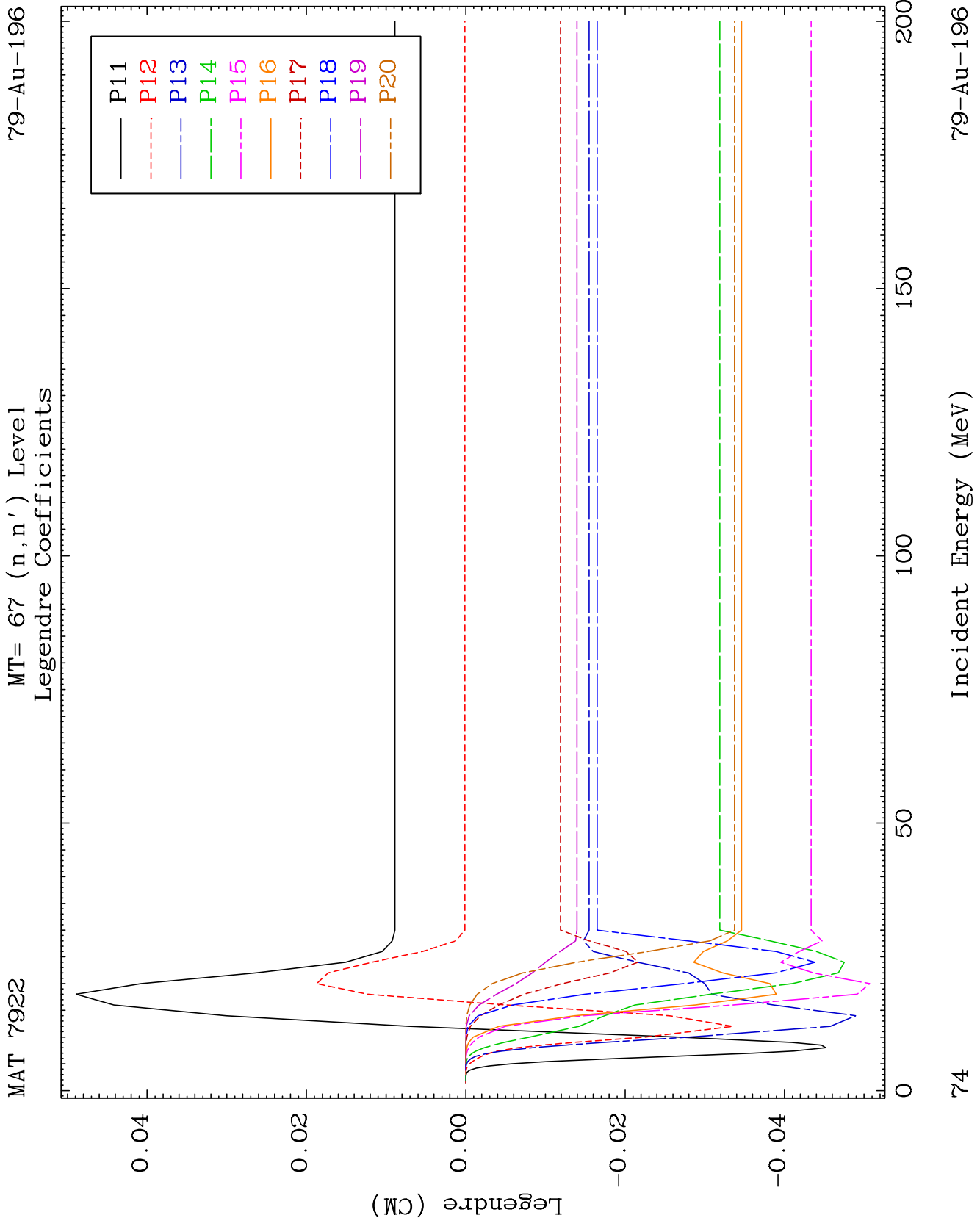
79-Au-196



79-Au-196

Incident Energy (MeV)

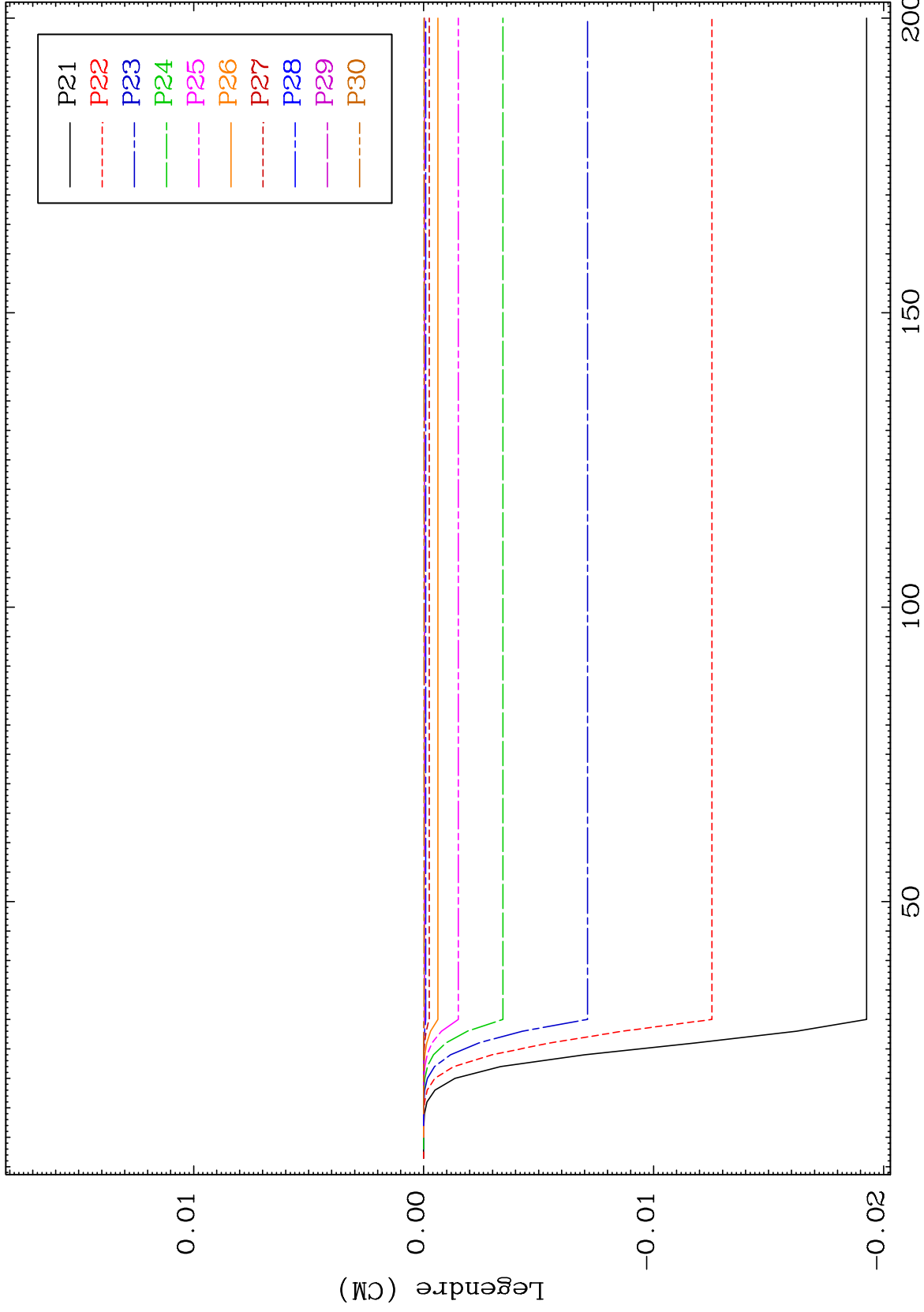
73



MAT 7922

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

79-Au-196



75

Incident Energy (MeV)

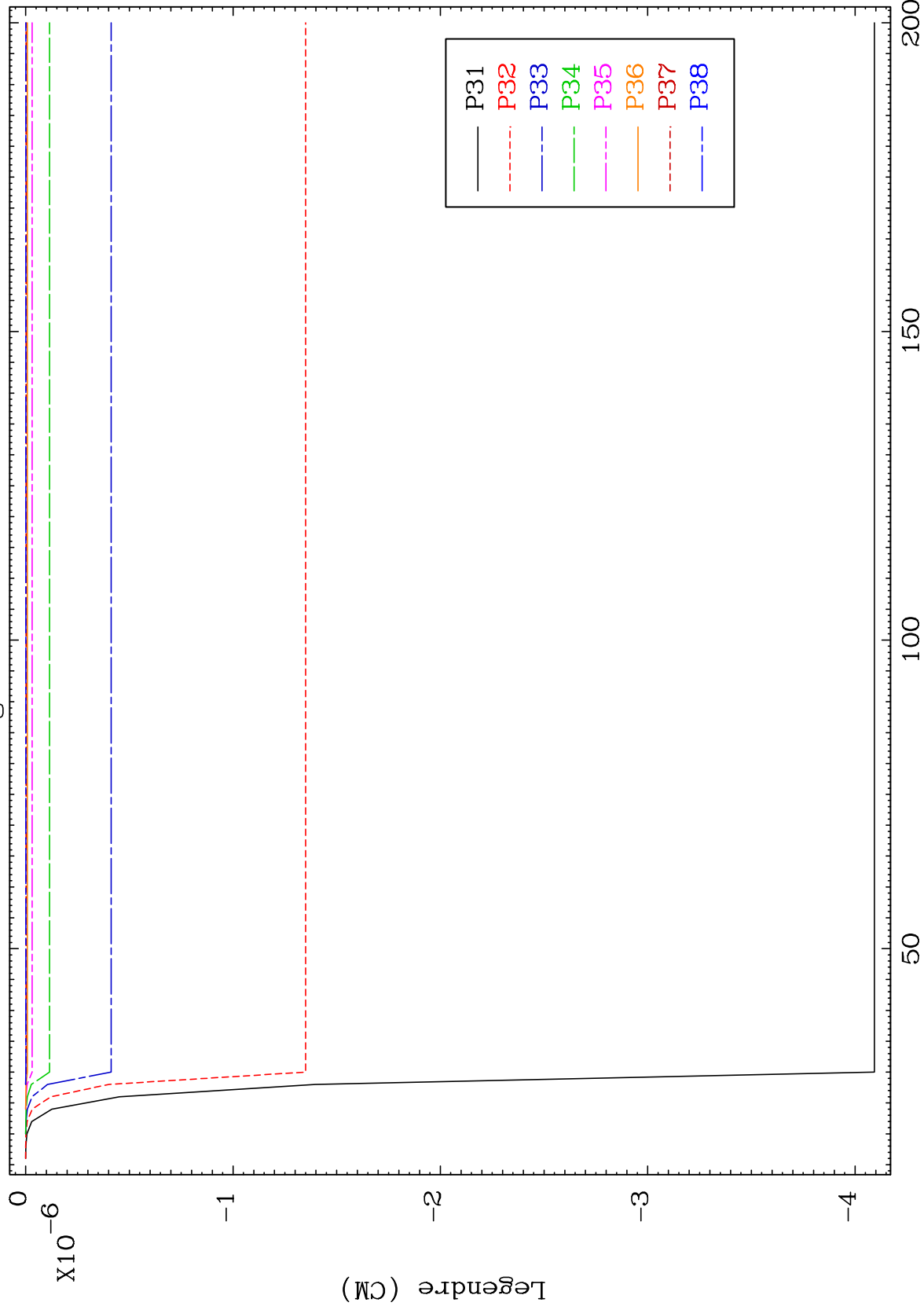
79-Au-196

MAT 7922

MT= 67 (n,n') Level

79-Au-196

Legendre Coefficients



79-Au-196

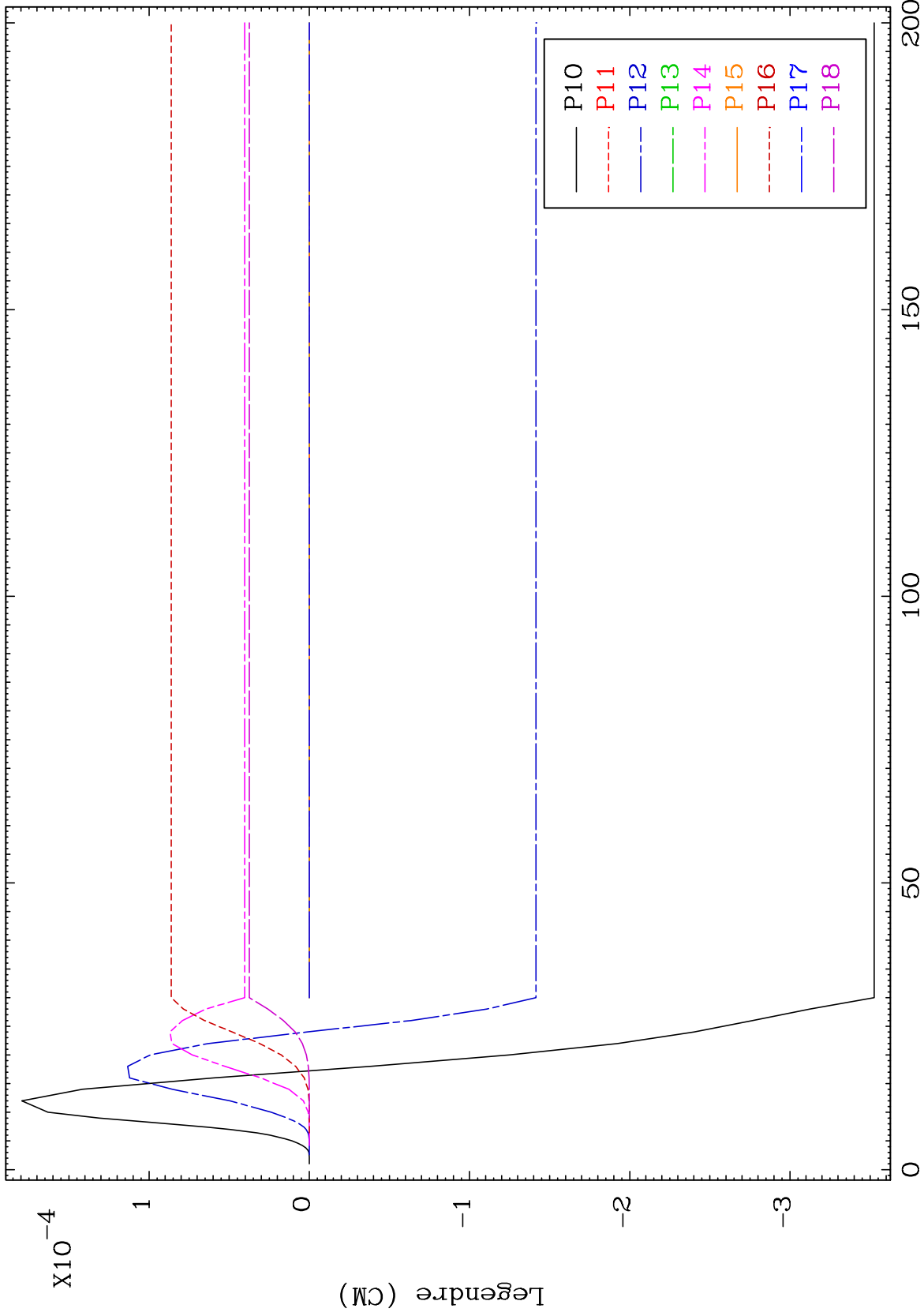
Incident Energy (MeV)

76

MAT 7922

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

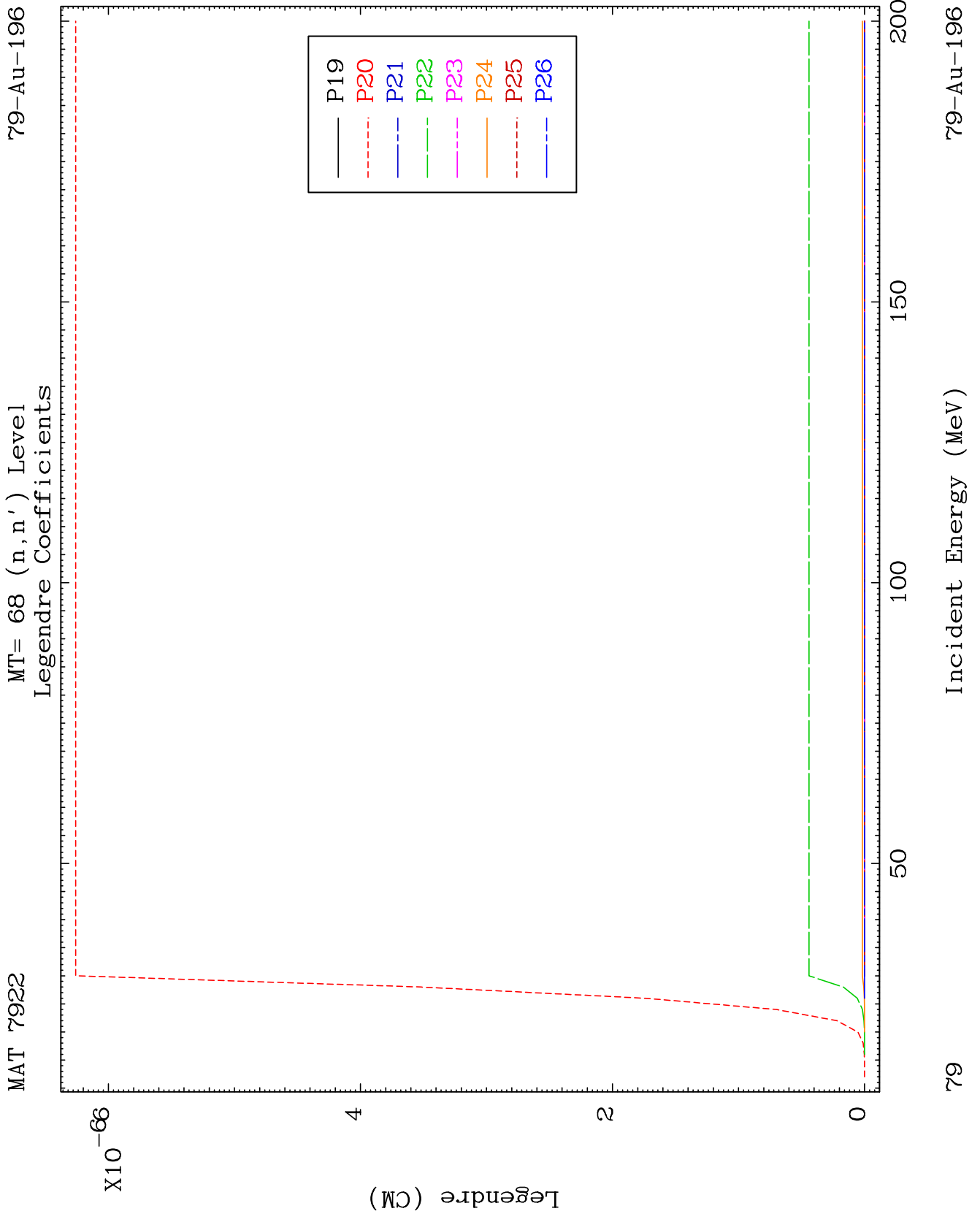
79-Au-196

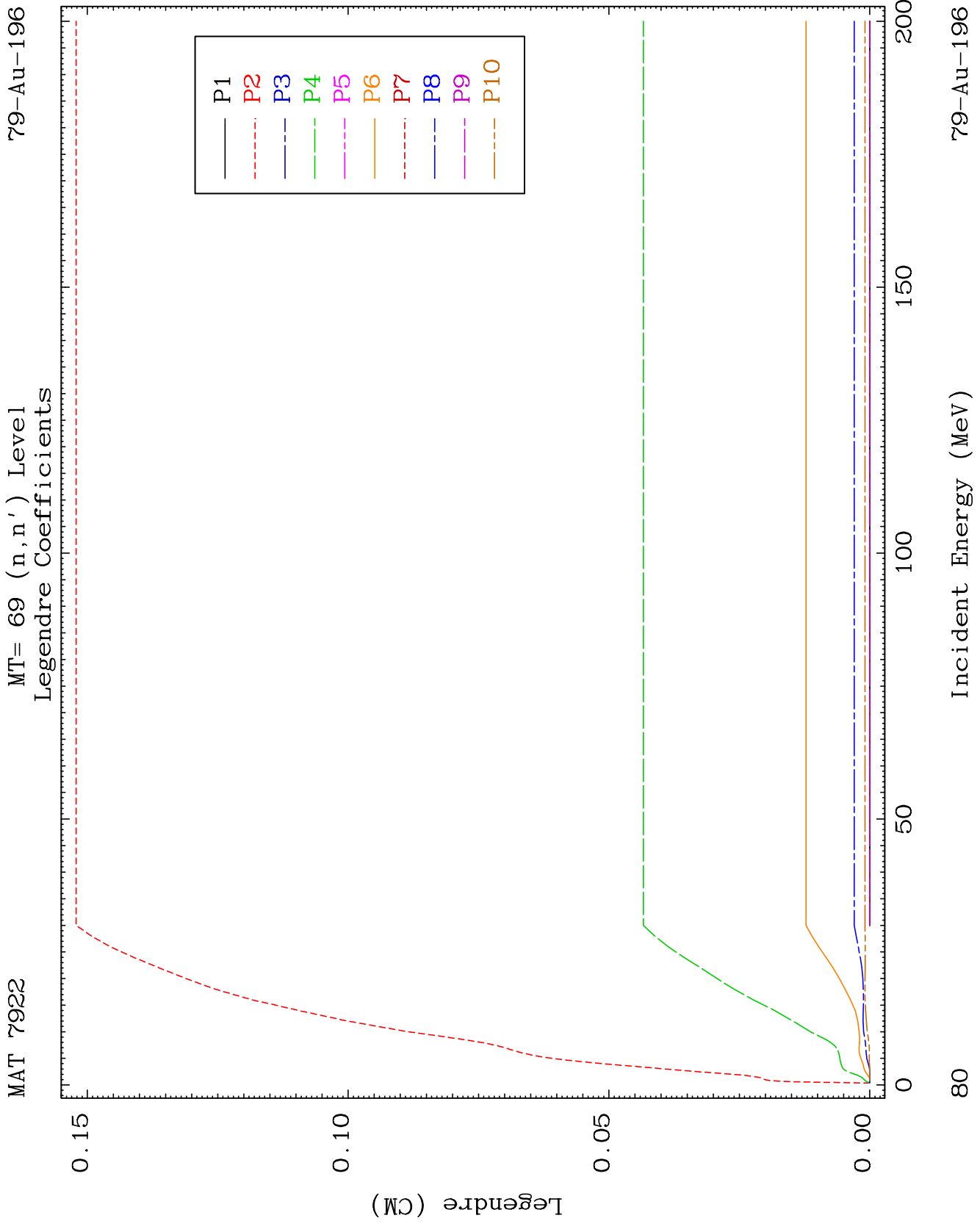


78

Incident Energy (MeV)

79-Au-196

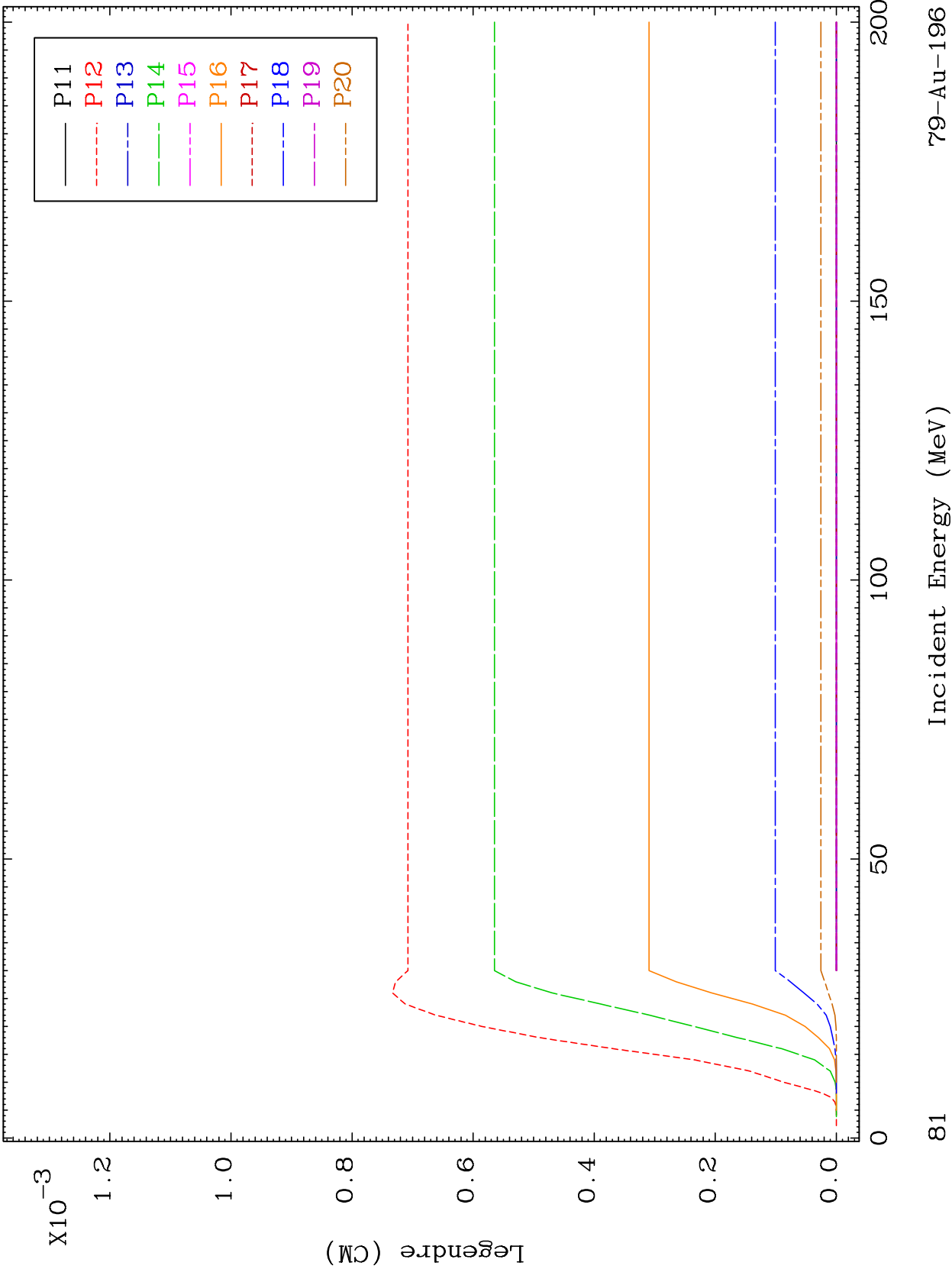




MAT 7922

MT= 69 (n,n') Level
Legendre Coefficients

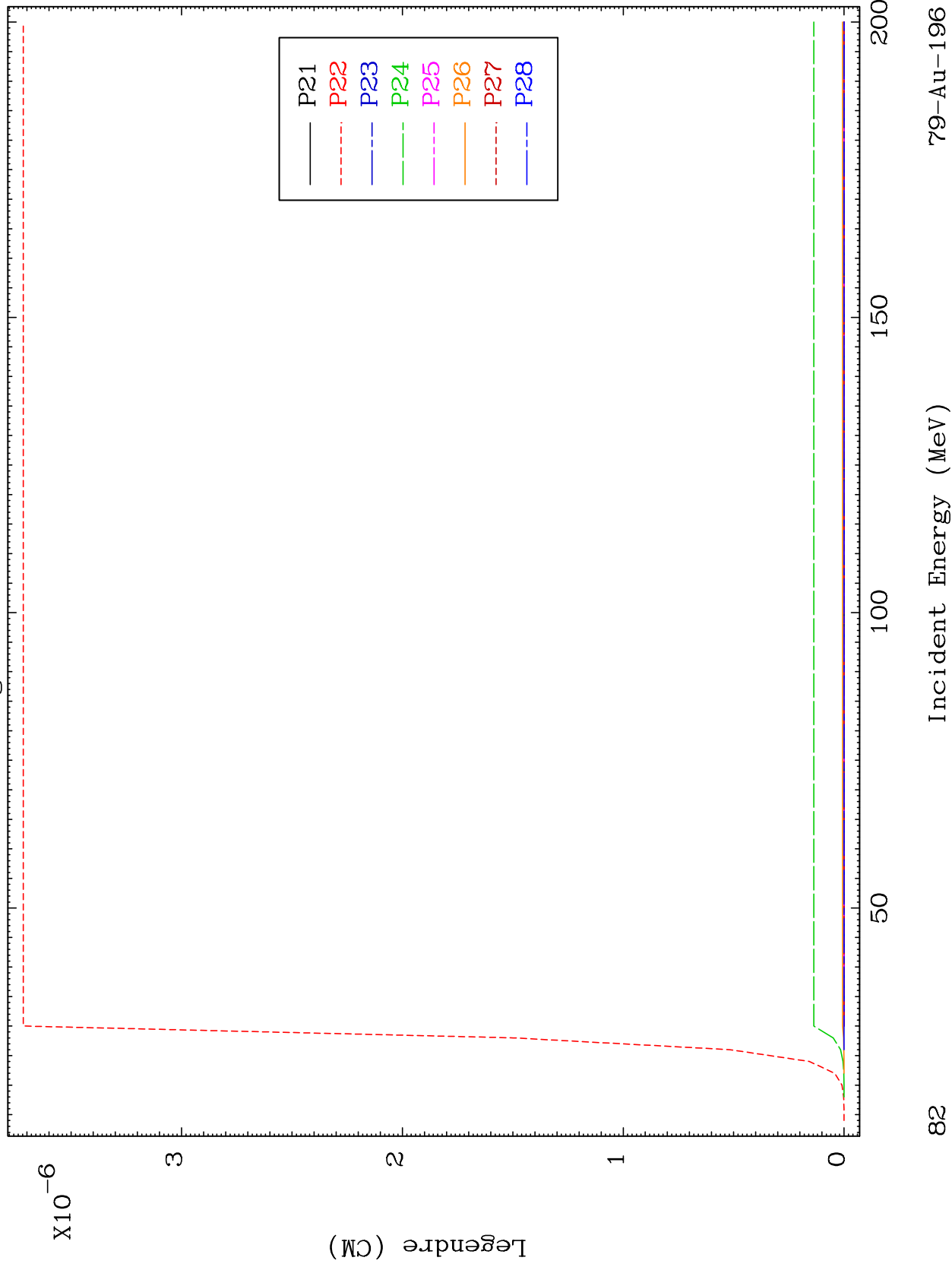
79-Au-196



MAT 7922

MT= 69 (n,n') Level
Legendre Coefficients

79-Au-196



79-Au-196

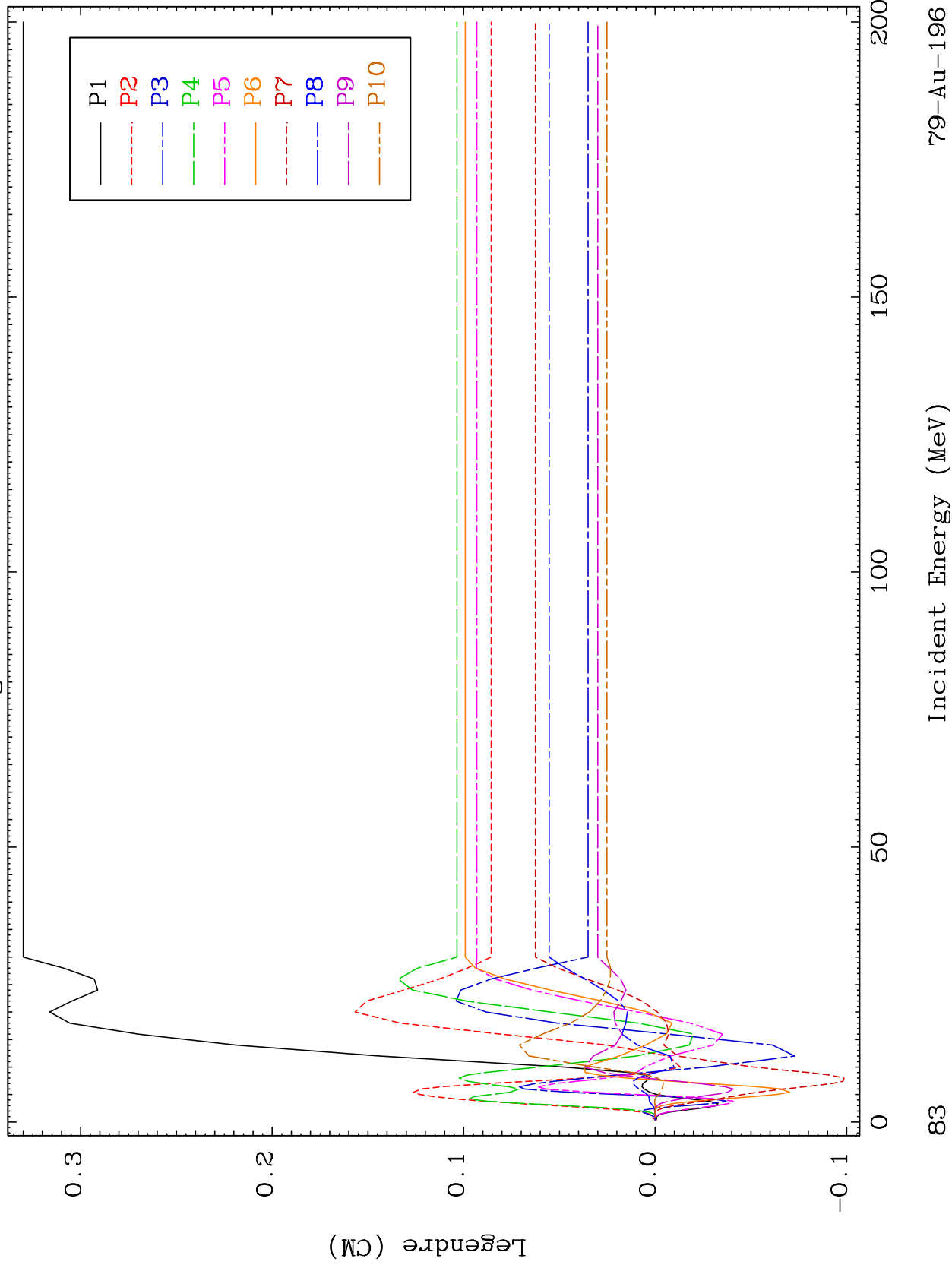
Incident Energy (MeV)

82

MAT 7922

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

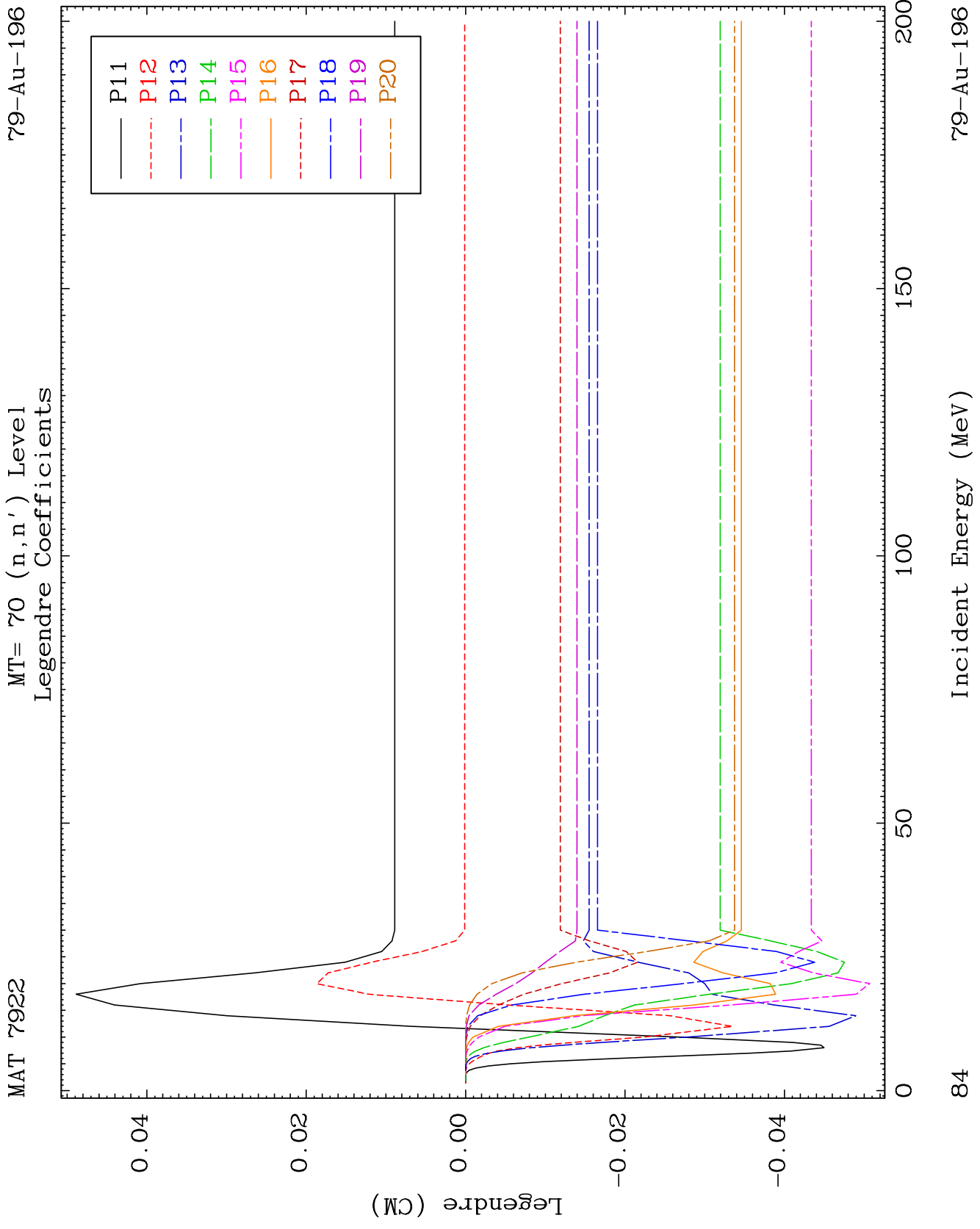
79-Au-196



79-Au-196

Incident Energy (MeV)

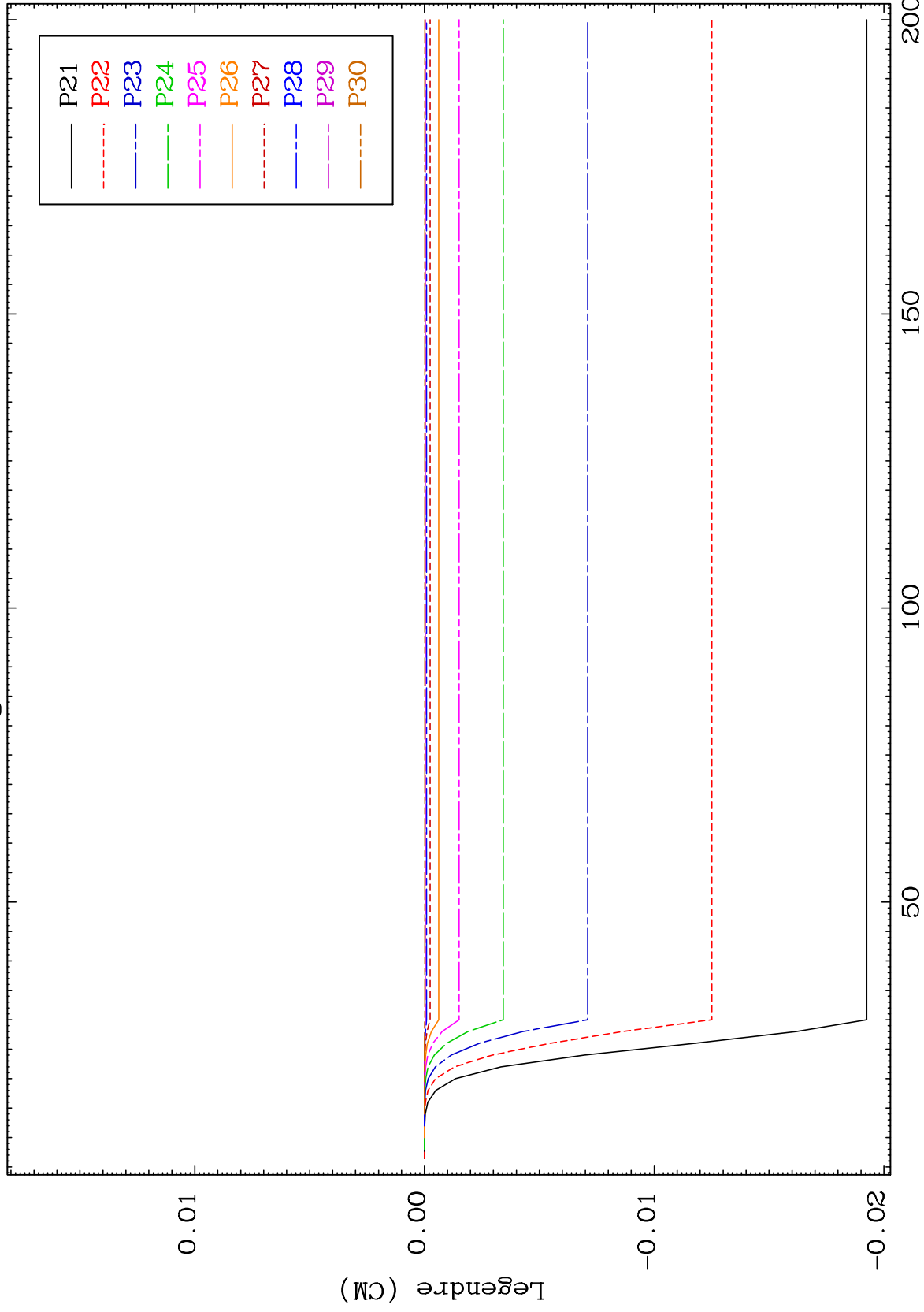
83



MAT 7922

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

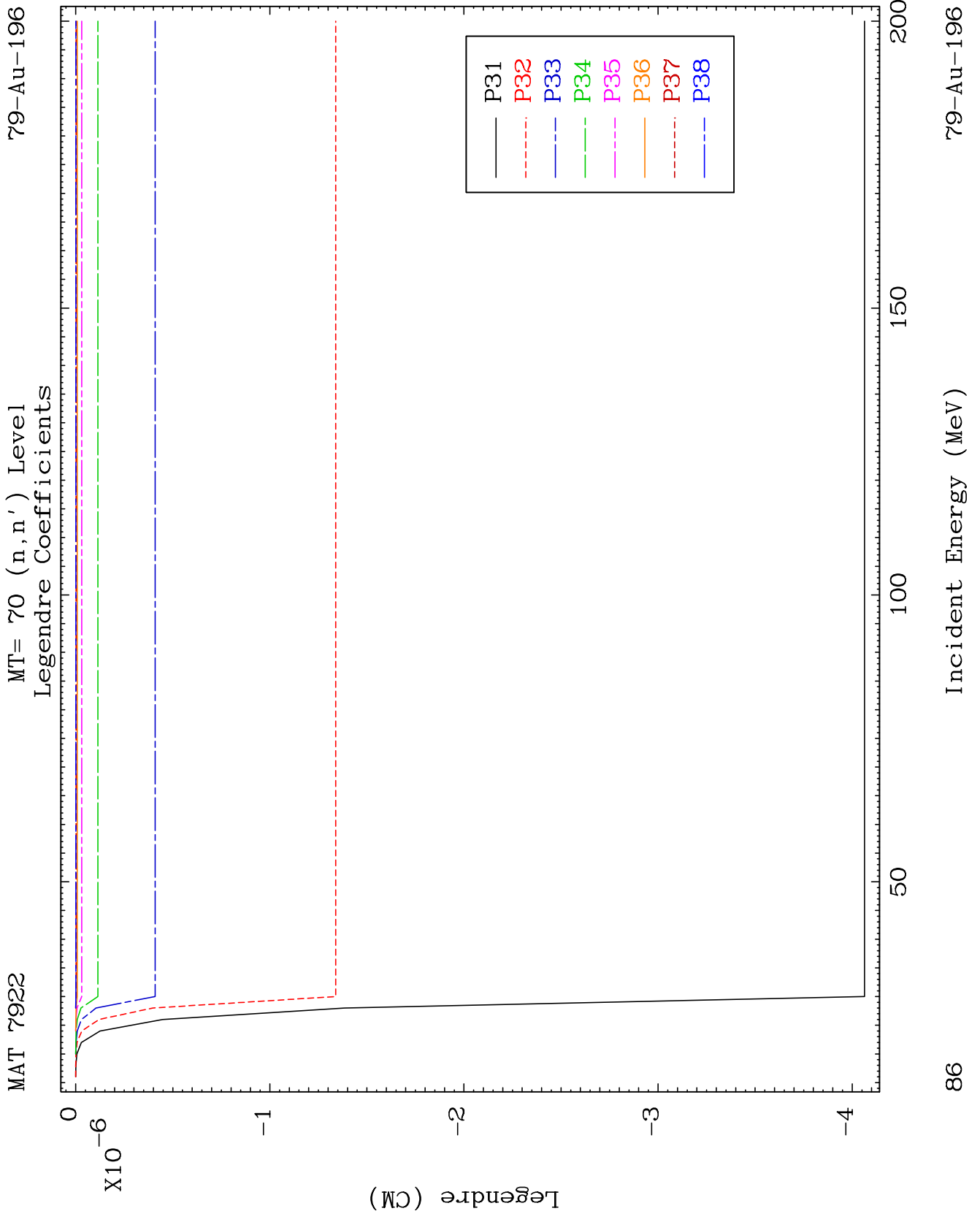
79-Au-196

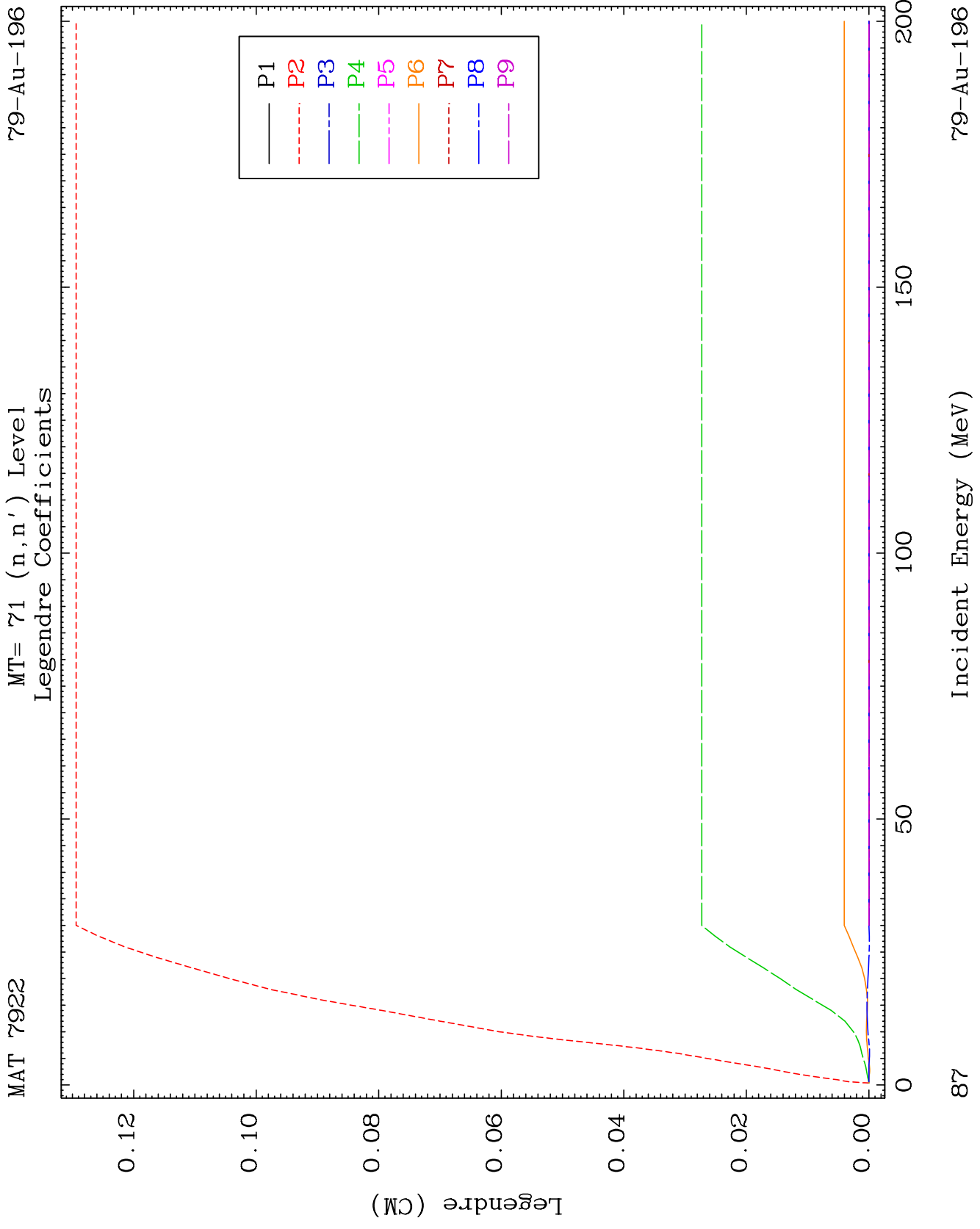


85

Incident Energy (MeV)

79-Au-196

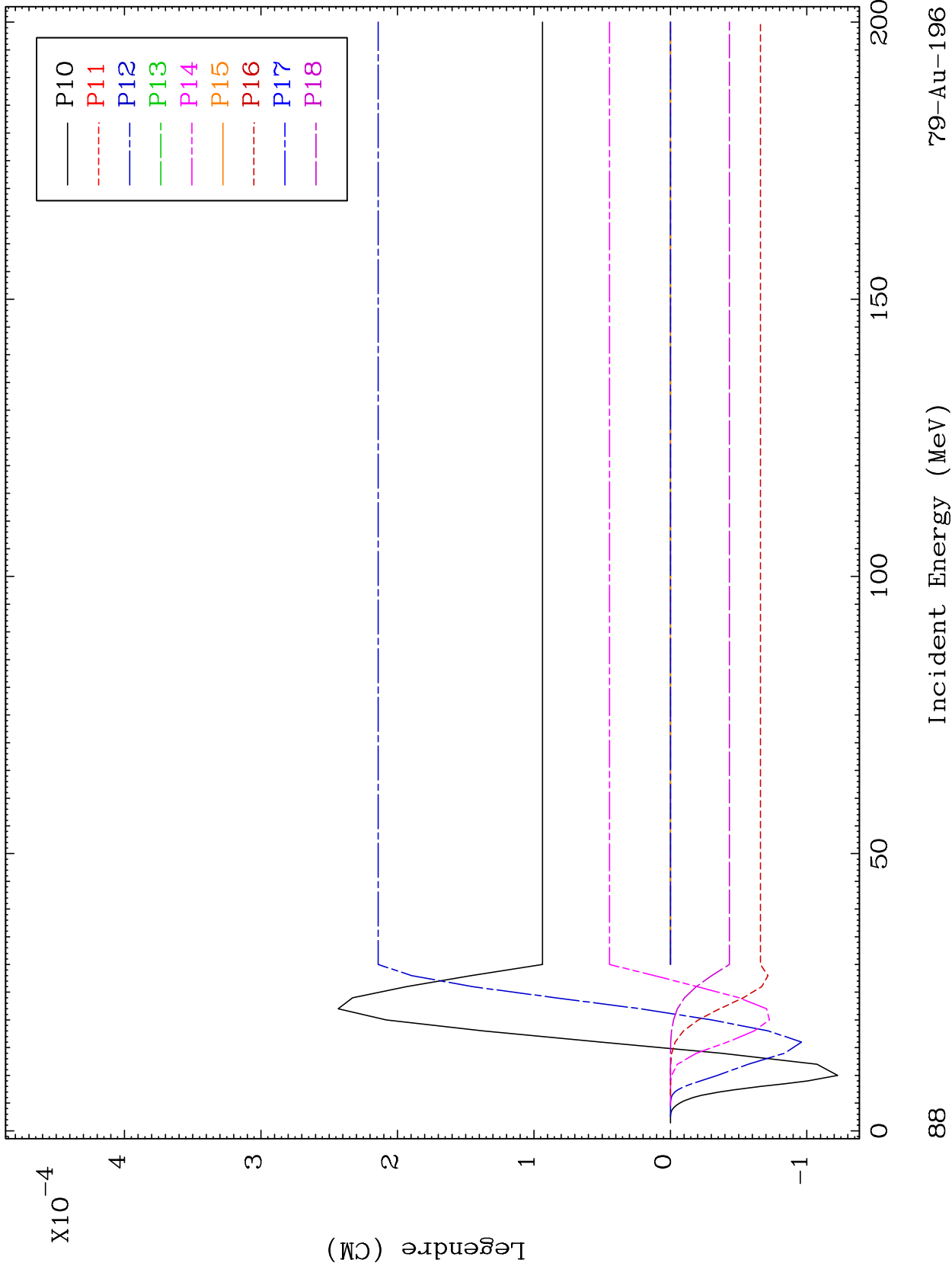




MAT 7922

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

79-Au-196



79-Au-196

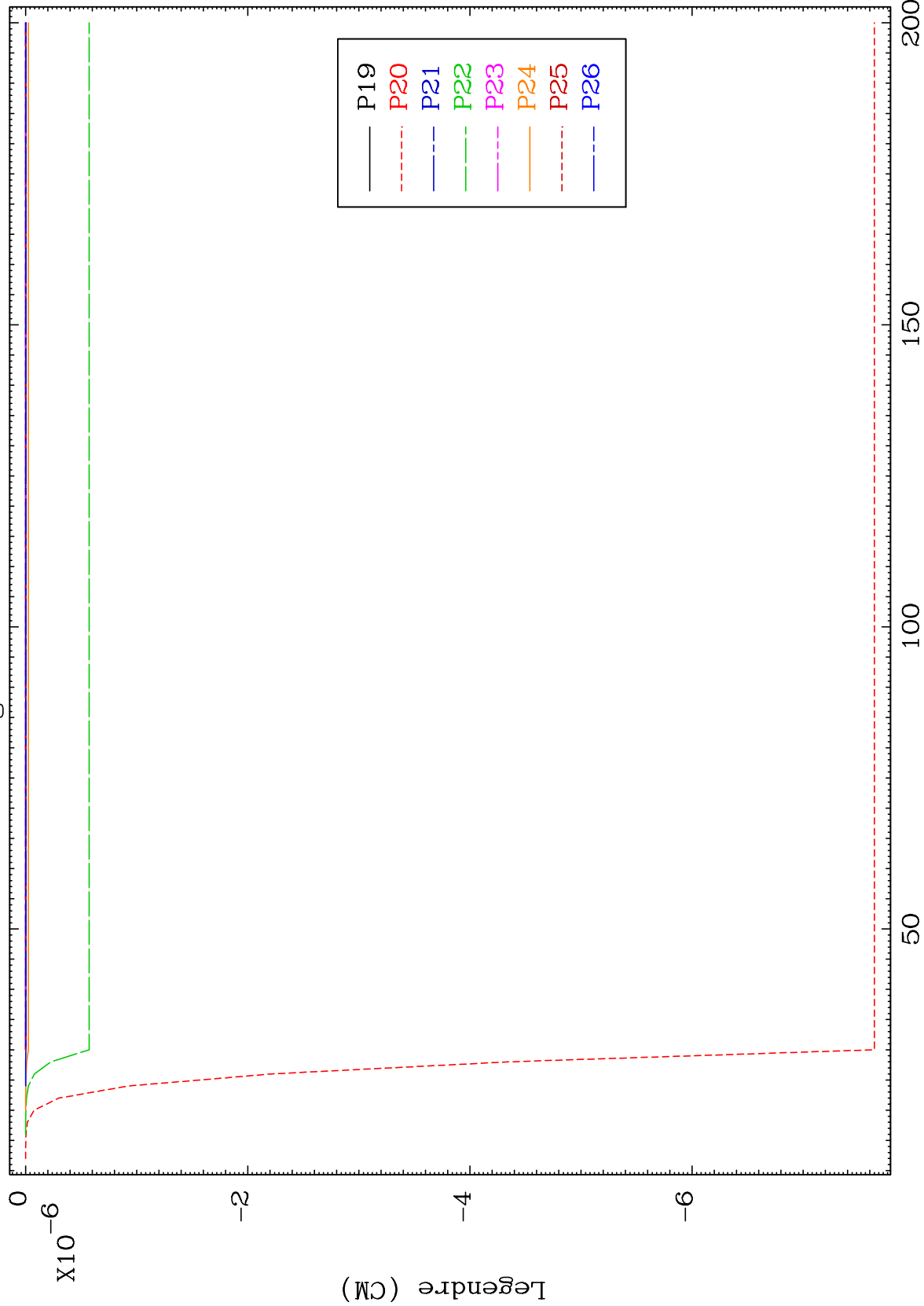
Incident Energy (MeV)

88

MAT 7922

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

79-Au-196



89

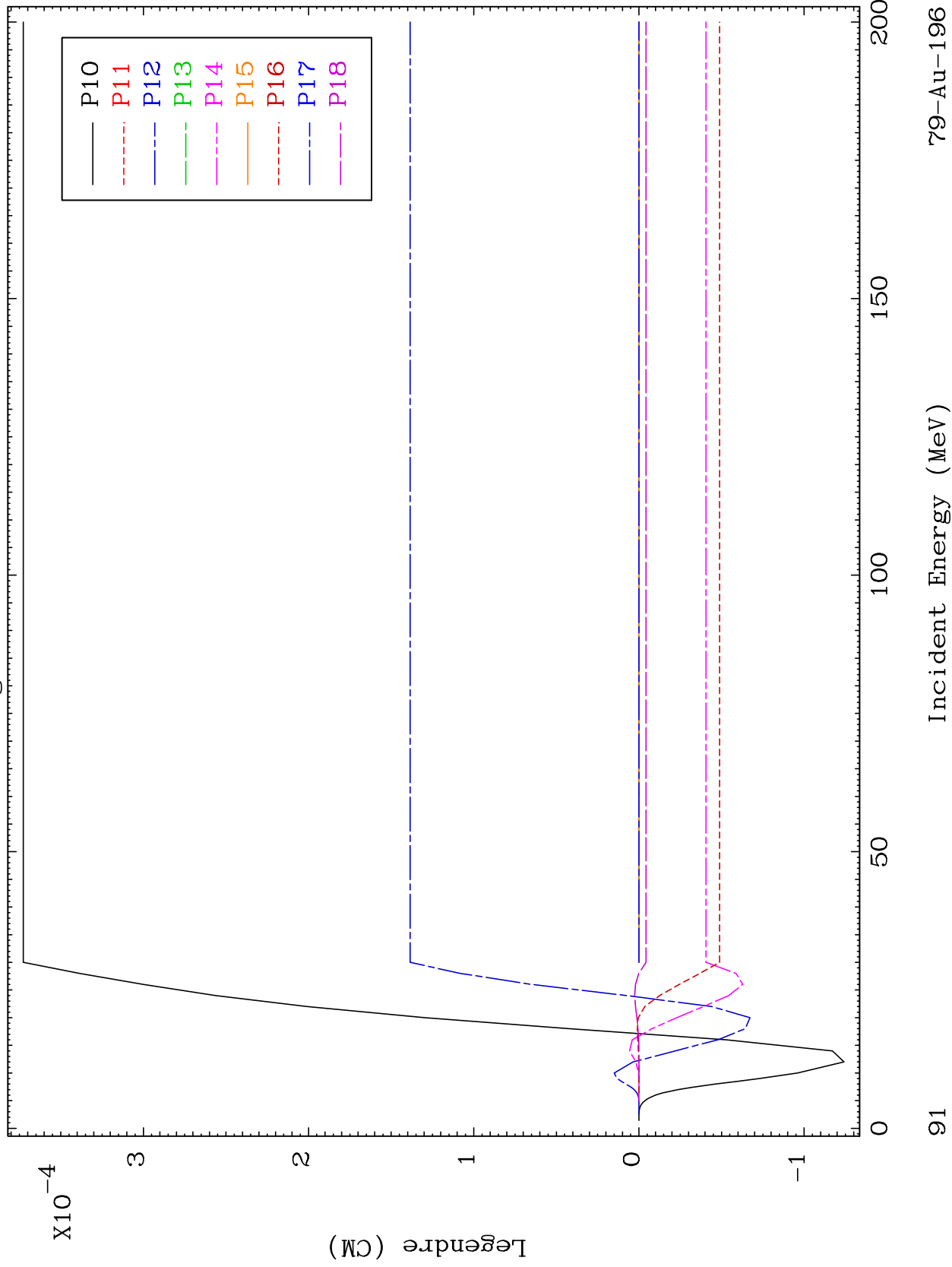
Incident Energy (MeV)

79-Au-196

MAT 7922

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

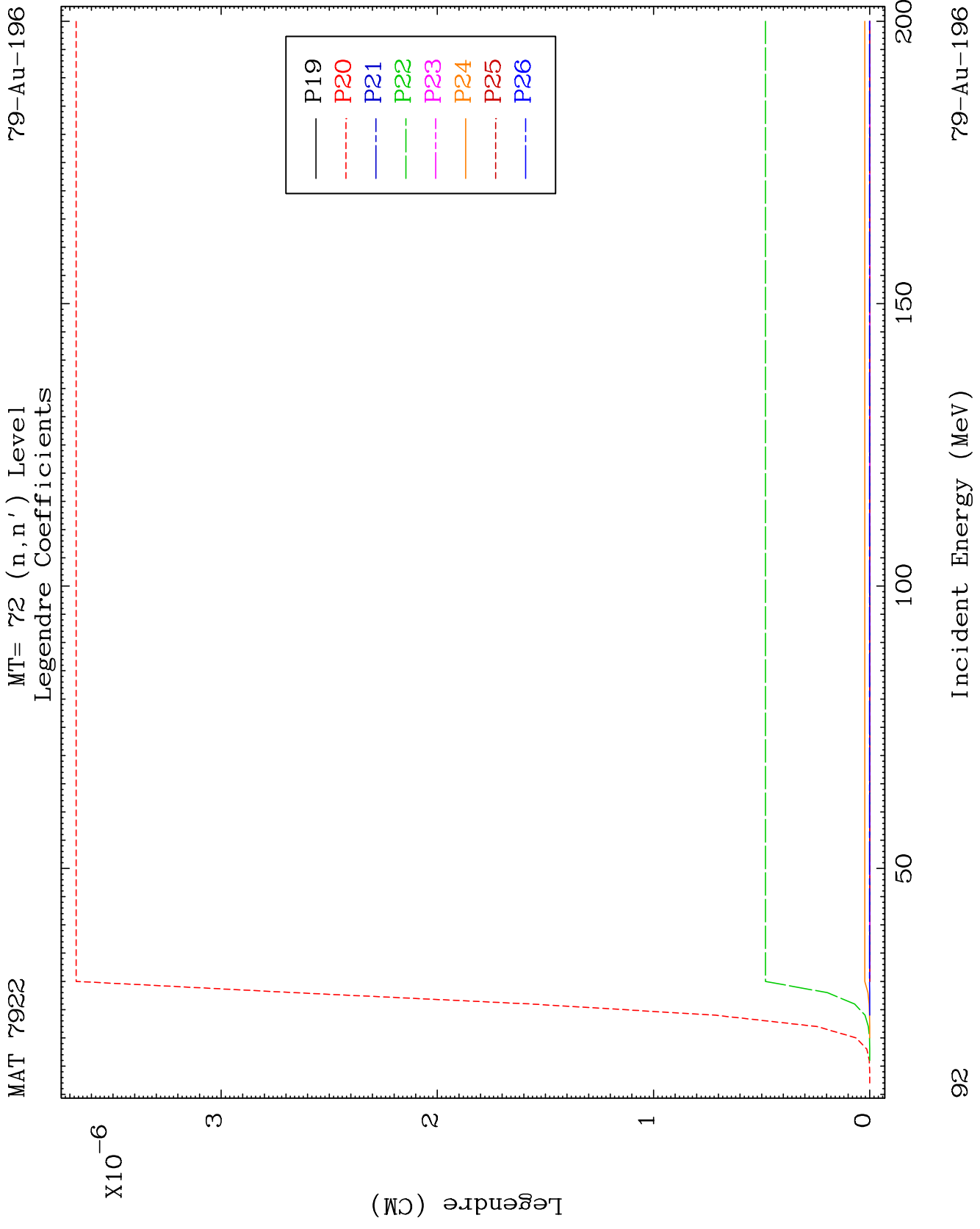
79-Au-196

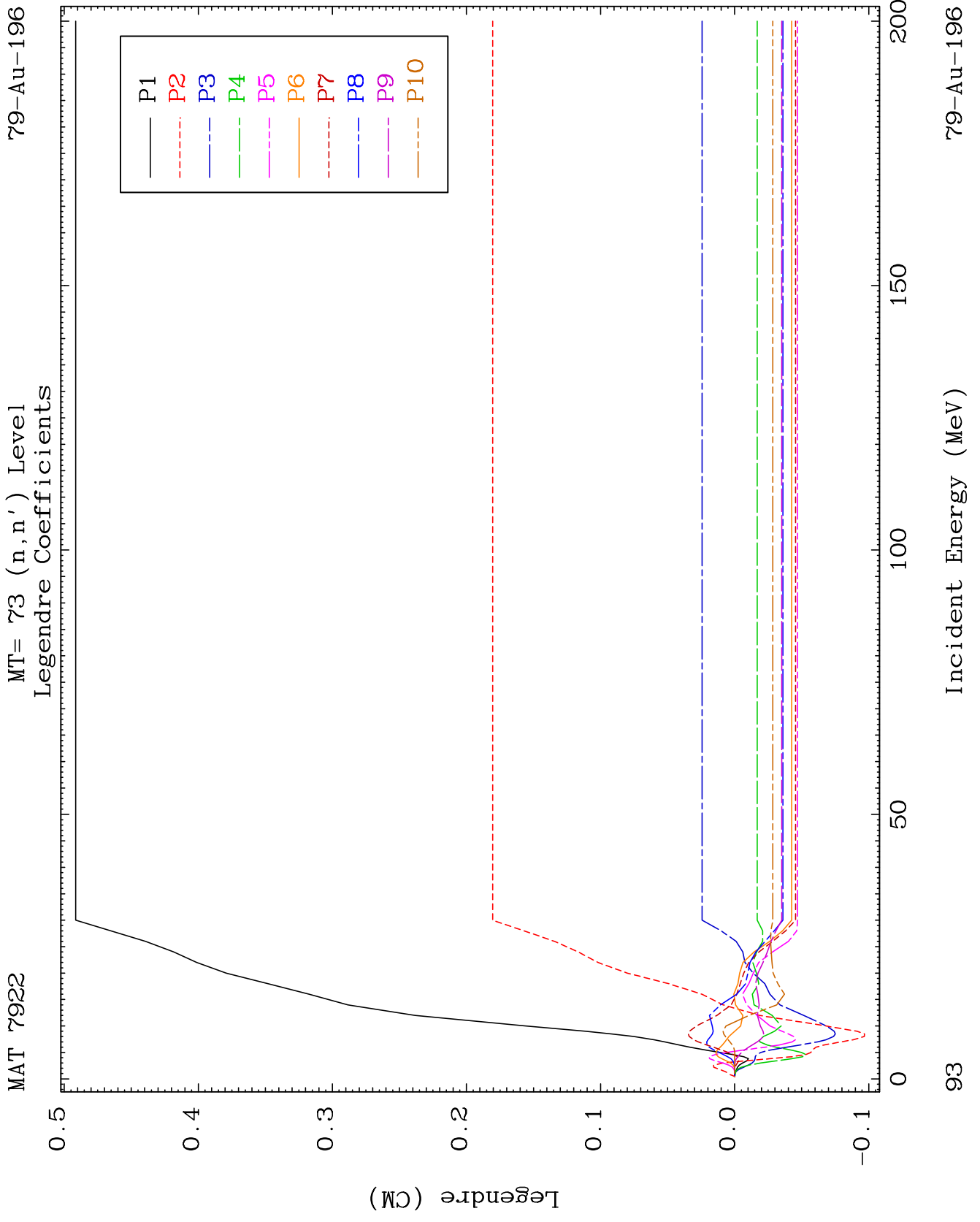


79-Au-196

Incident Energy (MeV)

91

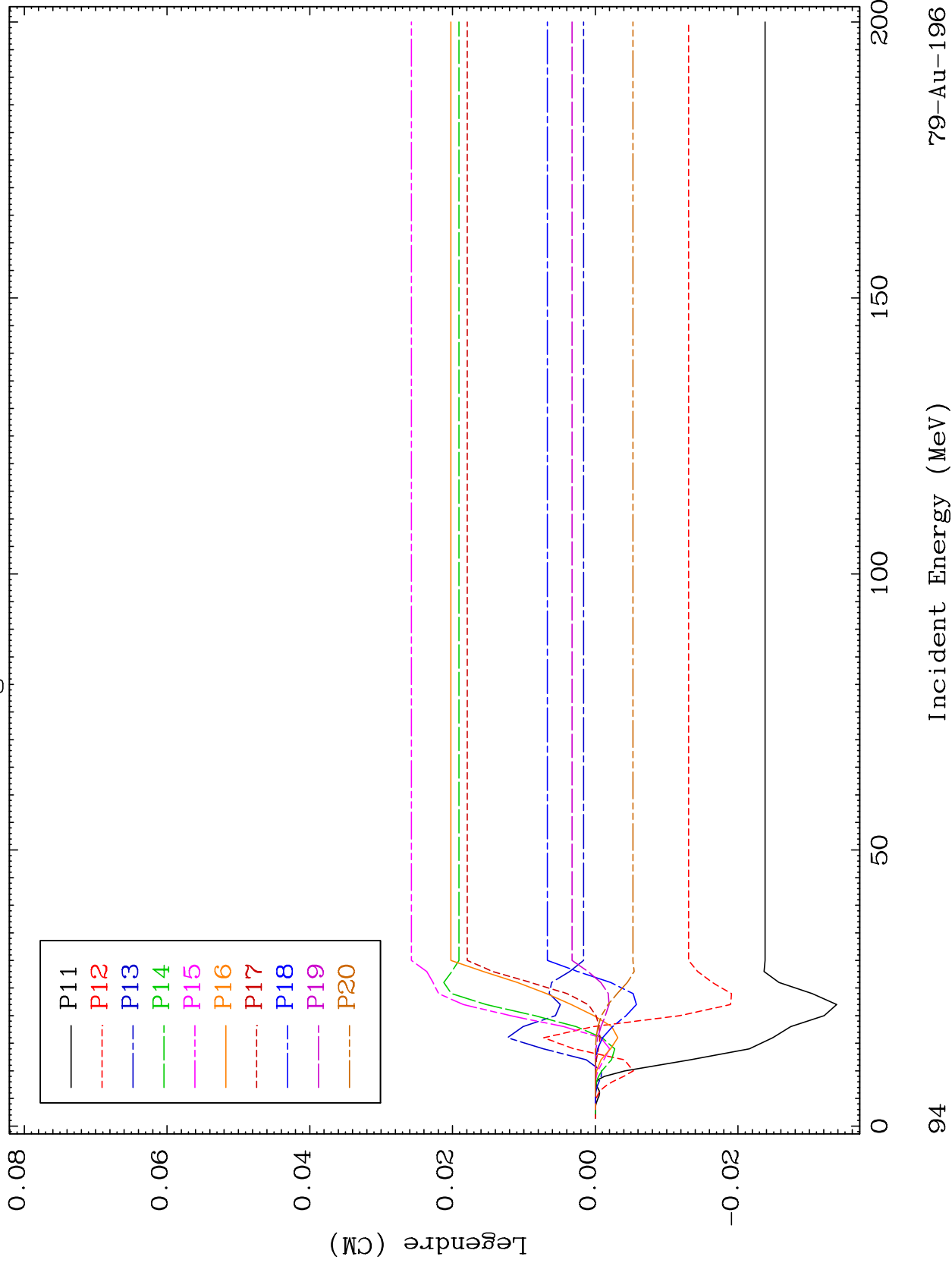




MAT 7922

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

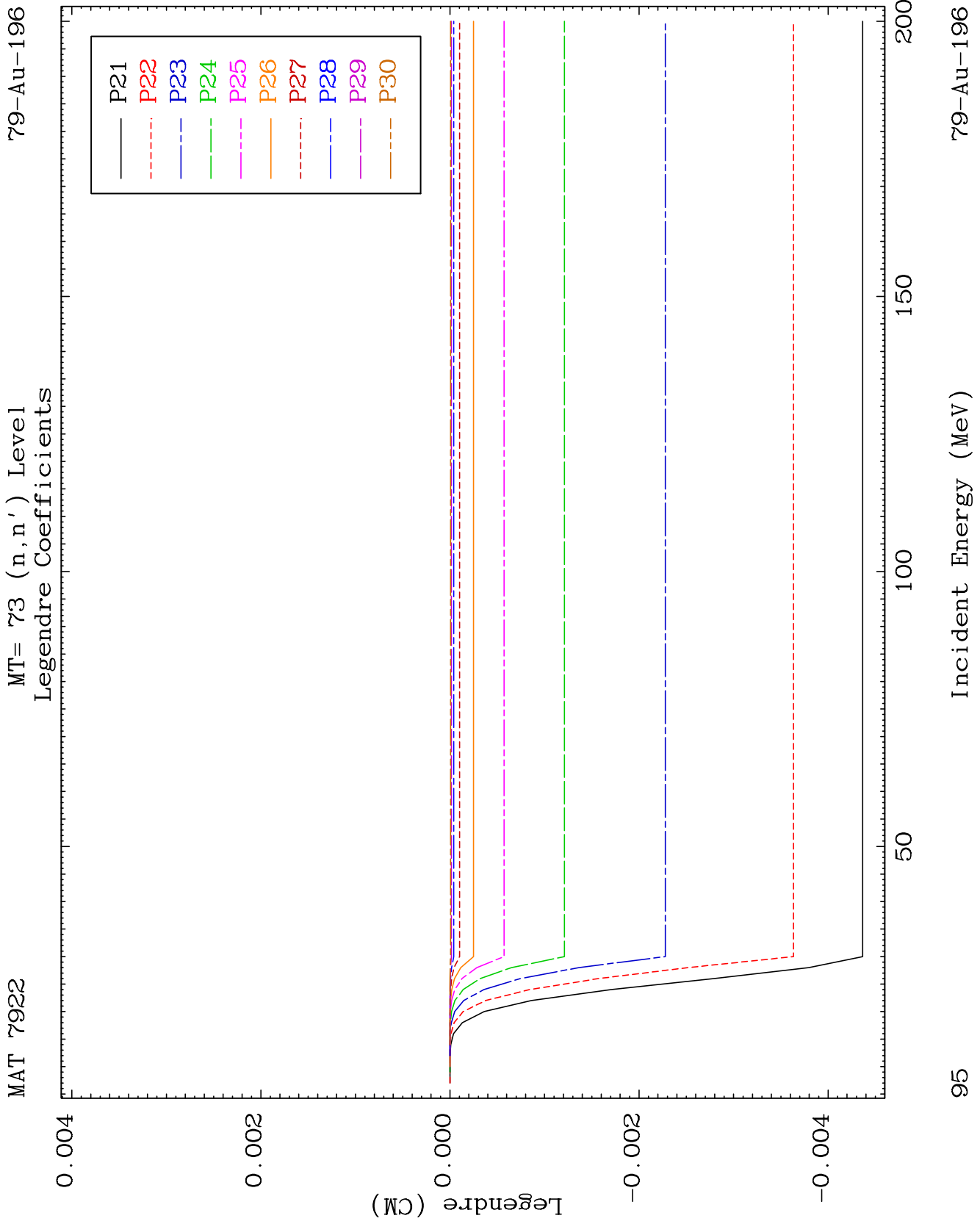
79-Au-196

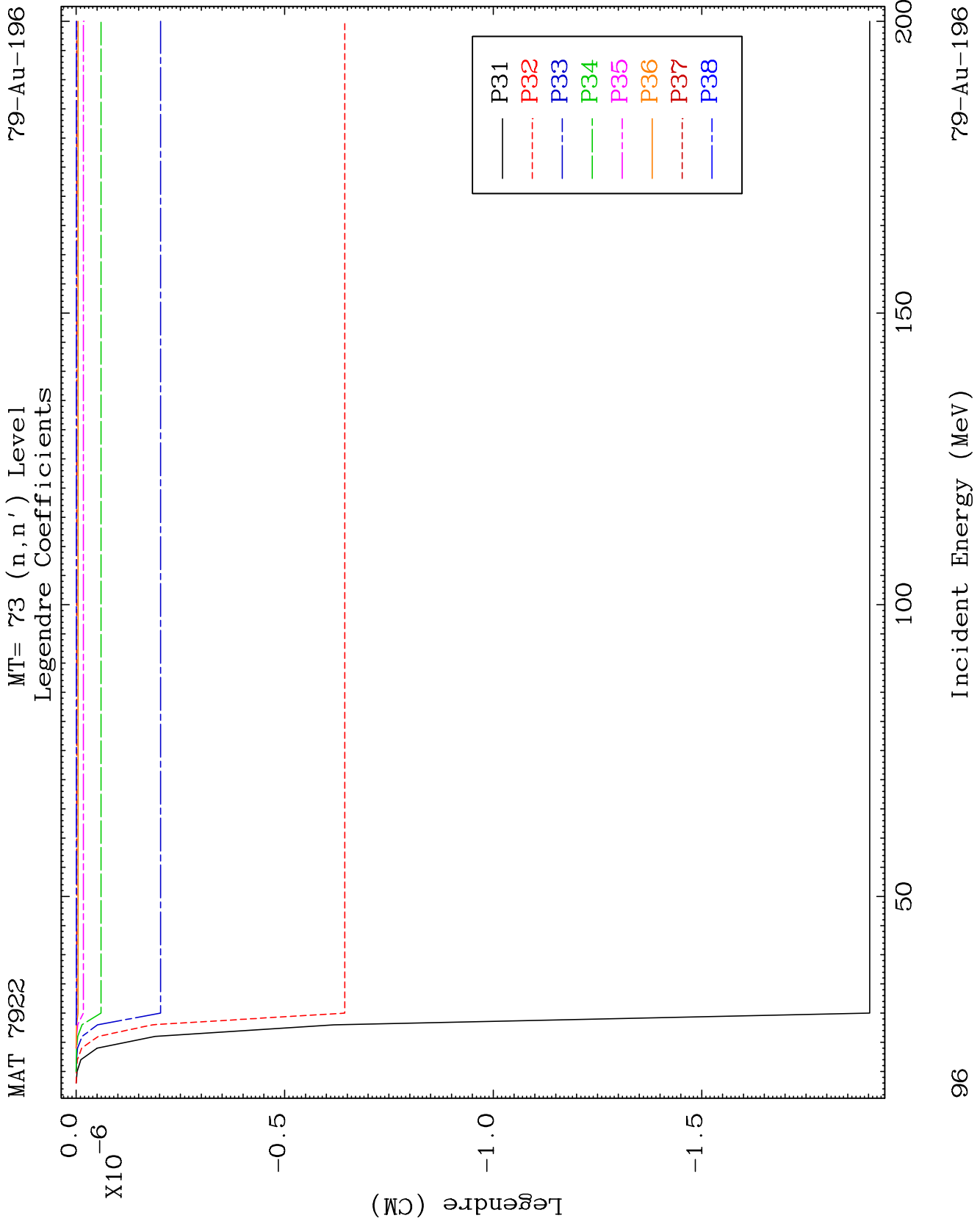


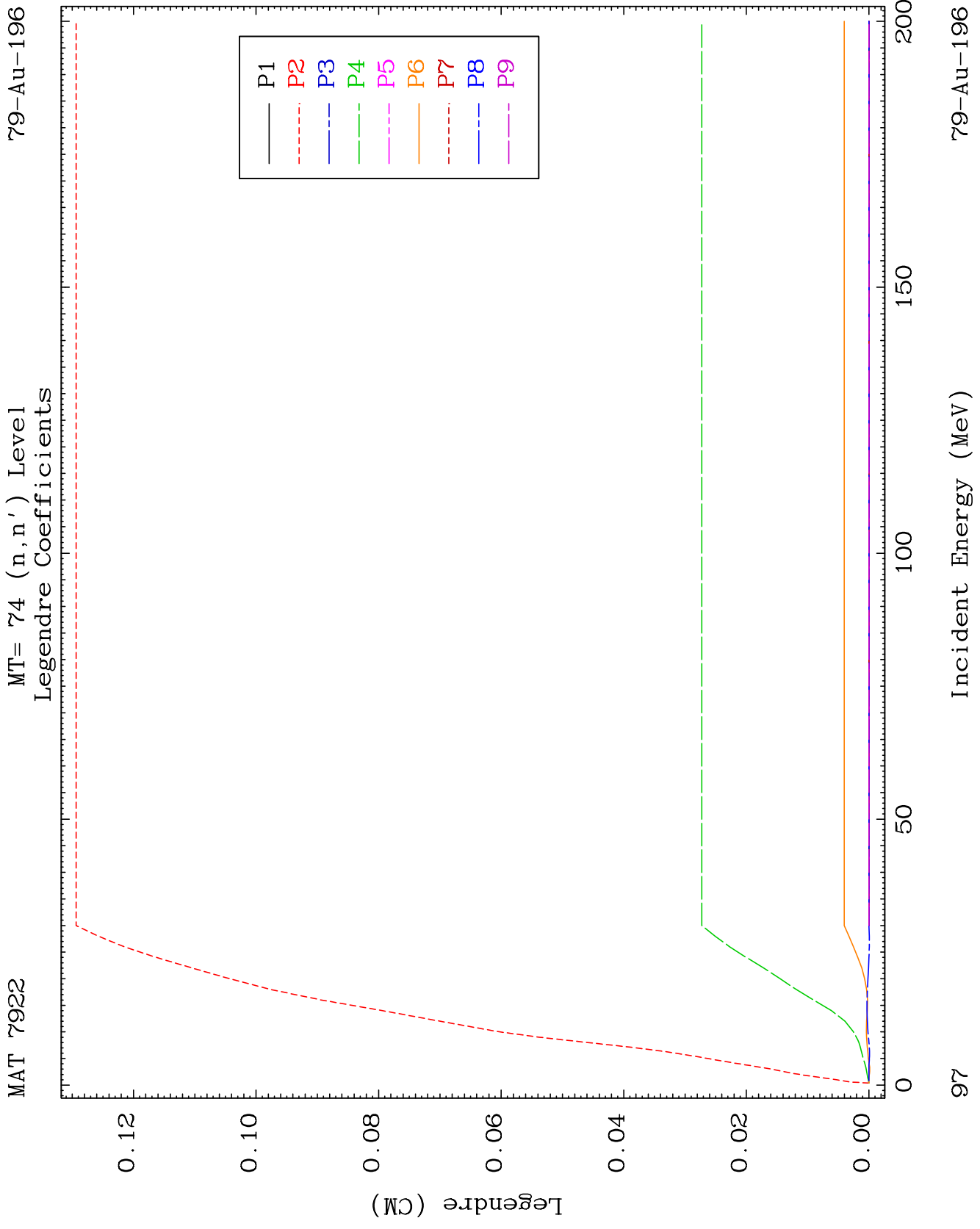
94

Incident Energy (MeV)

79-Au-196



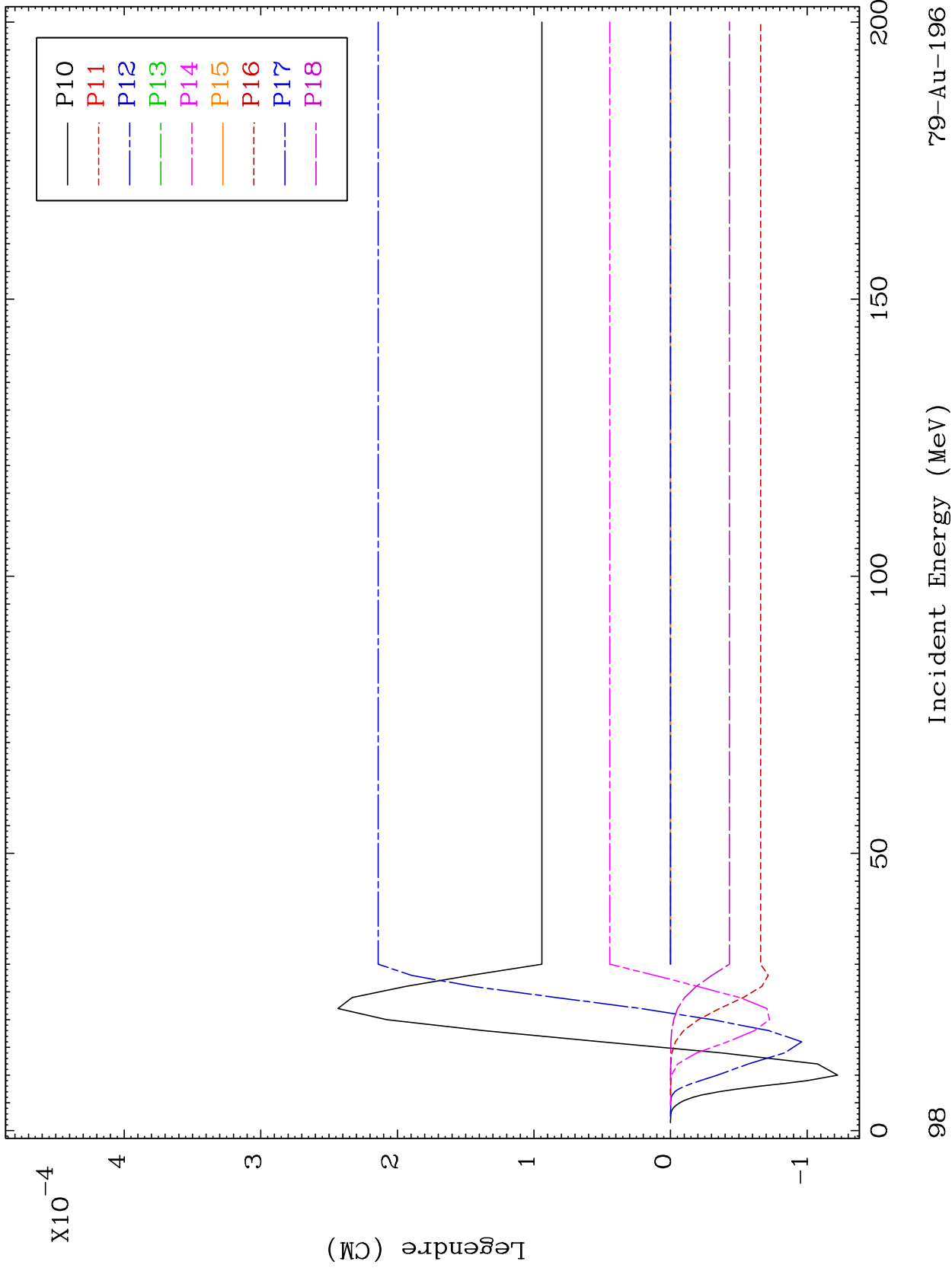




MAT 7922

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

79-Au-196



79-Au-196

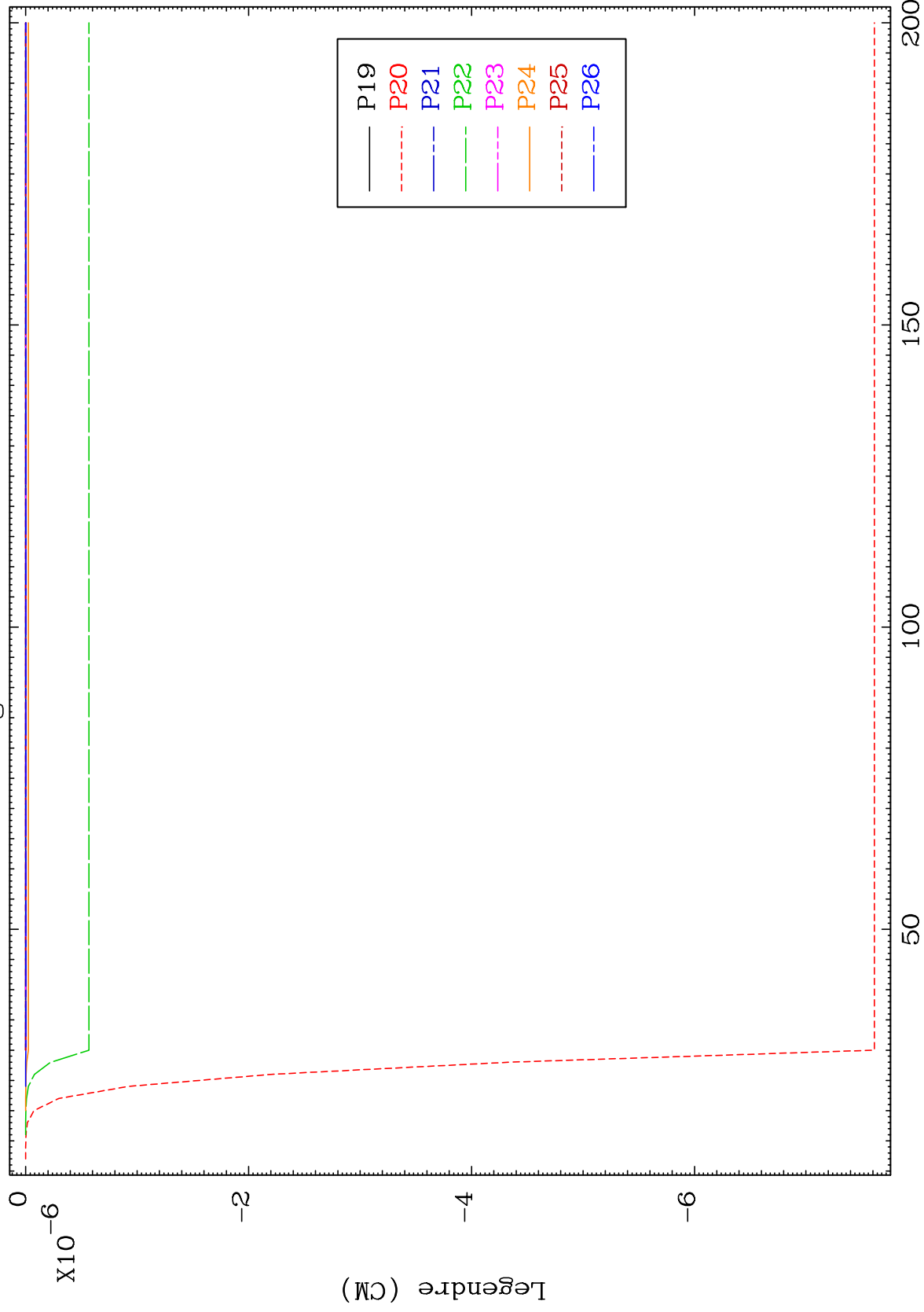
Incident Energy (MeV)

98

MAT 7922

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

79-Au-196



99

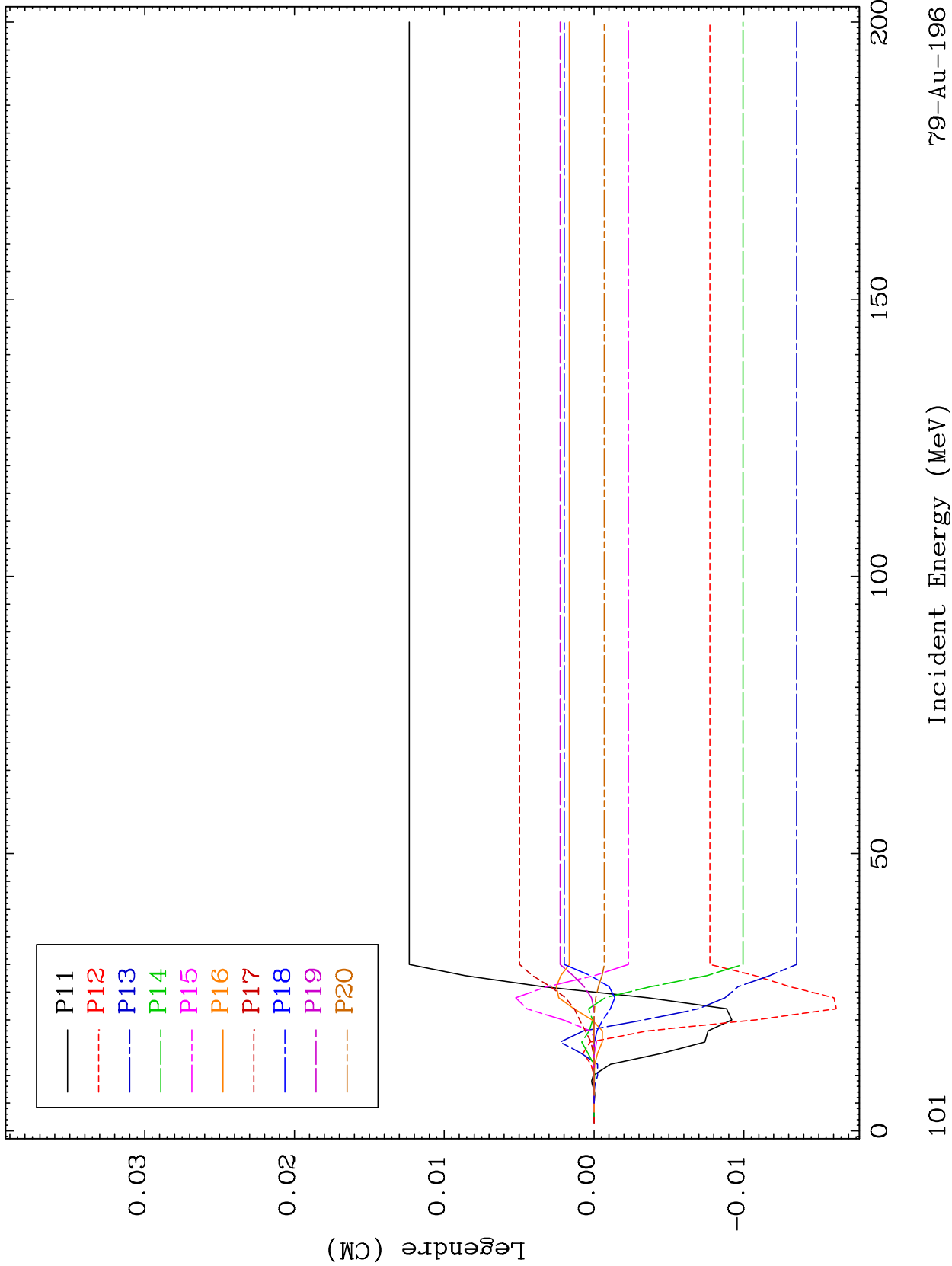
Incident Energy (MeV)

79-Au-196

MAT 7922

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

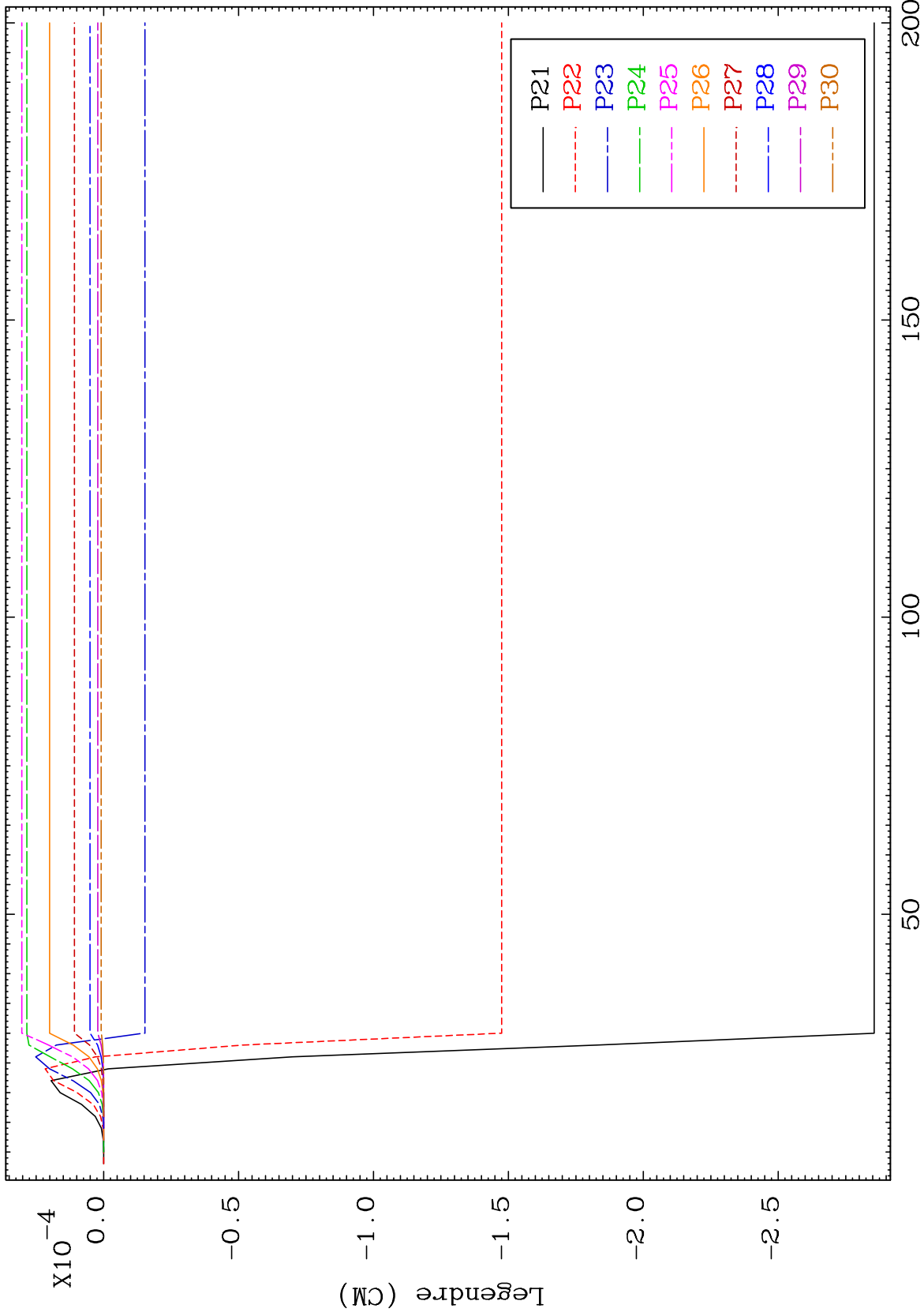
79-Au-196



101

Incident Energy (MeV)

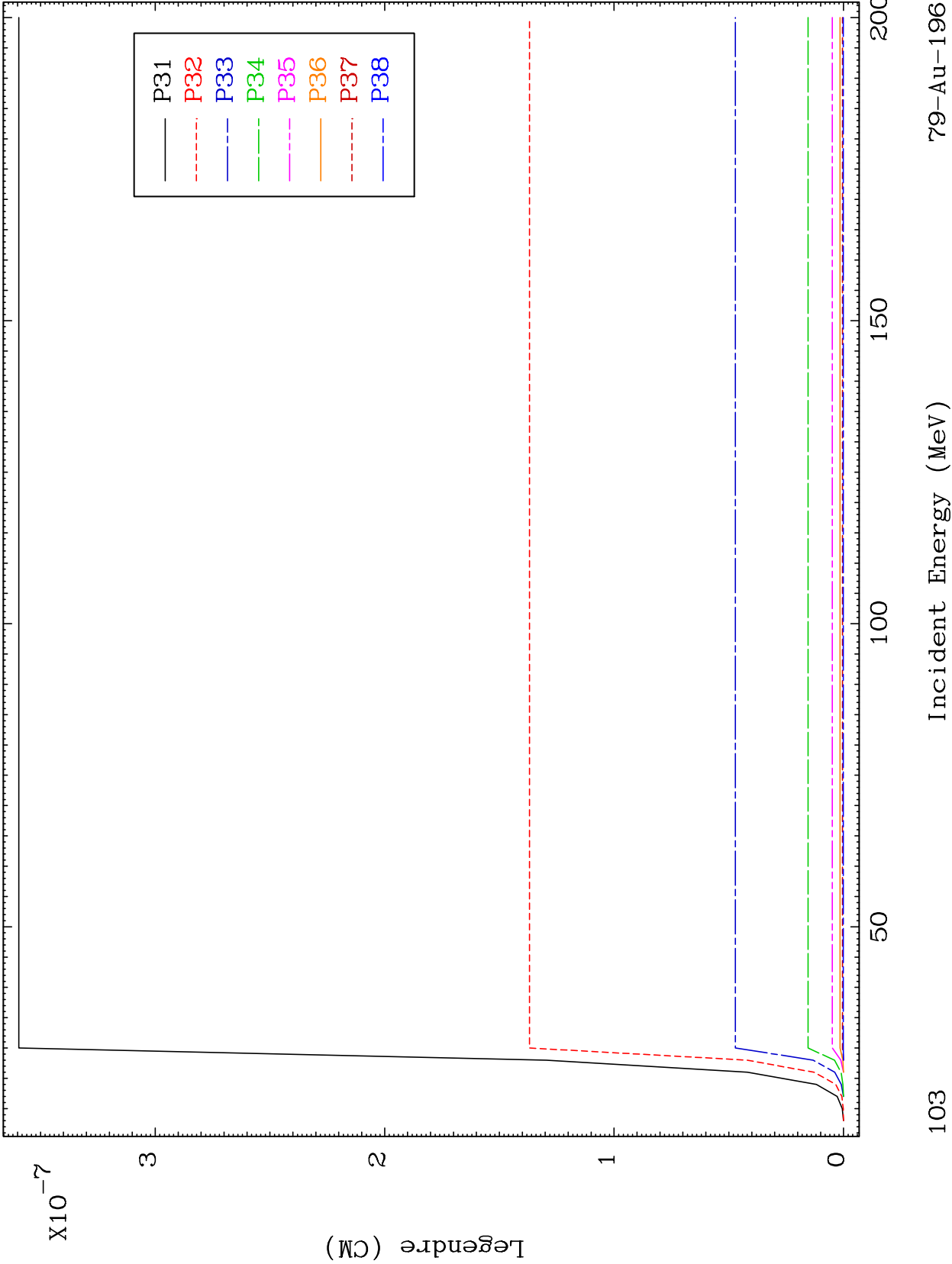
79-Au-196



MAT 7922

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

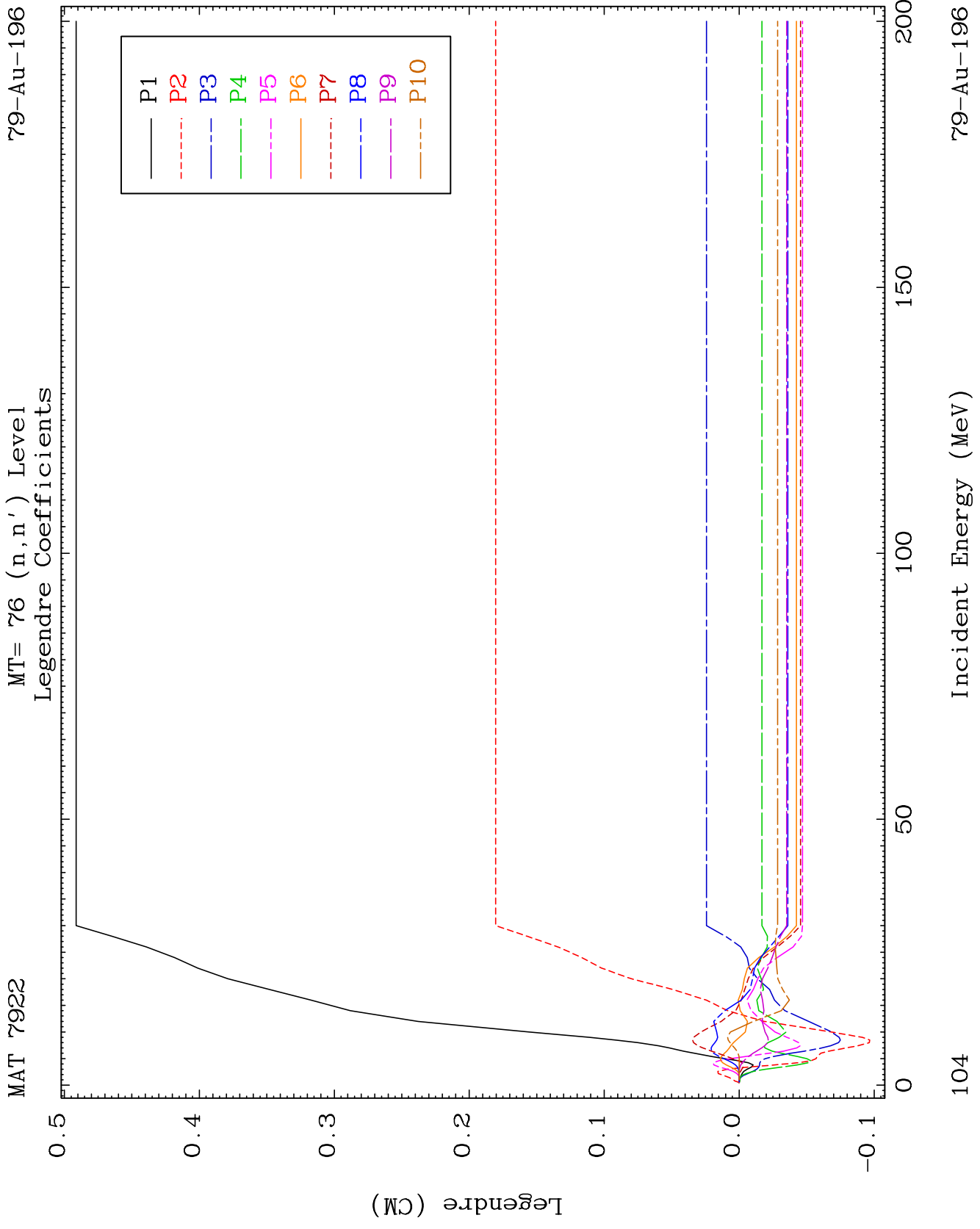
79-Au-196



103

Incident Energy (MeV)

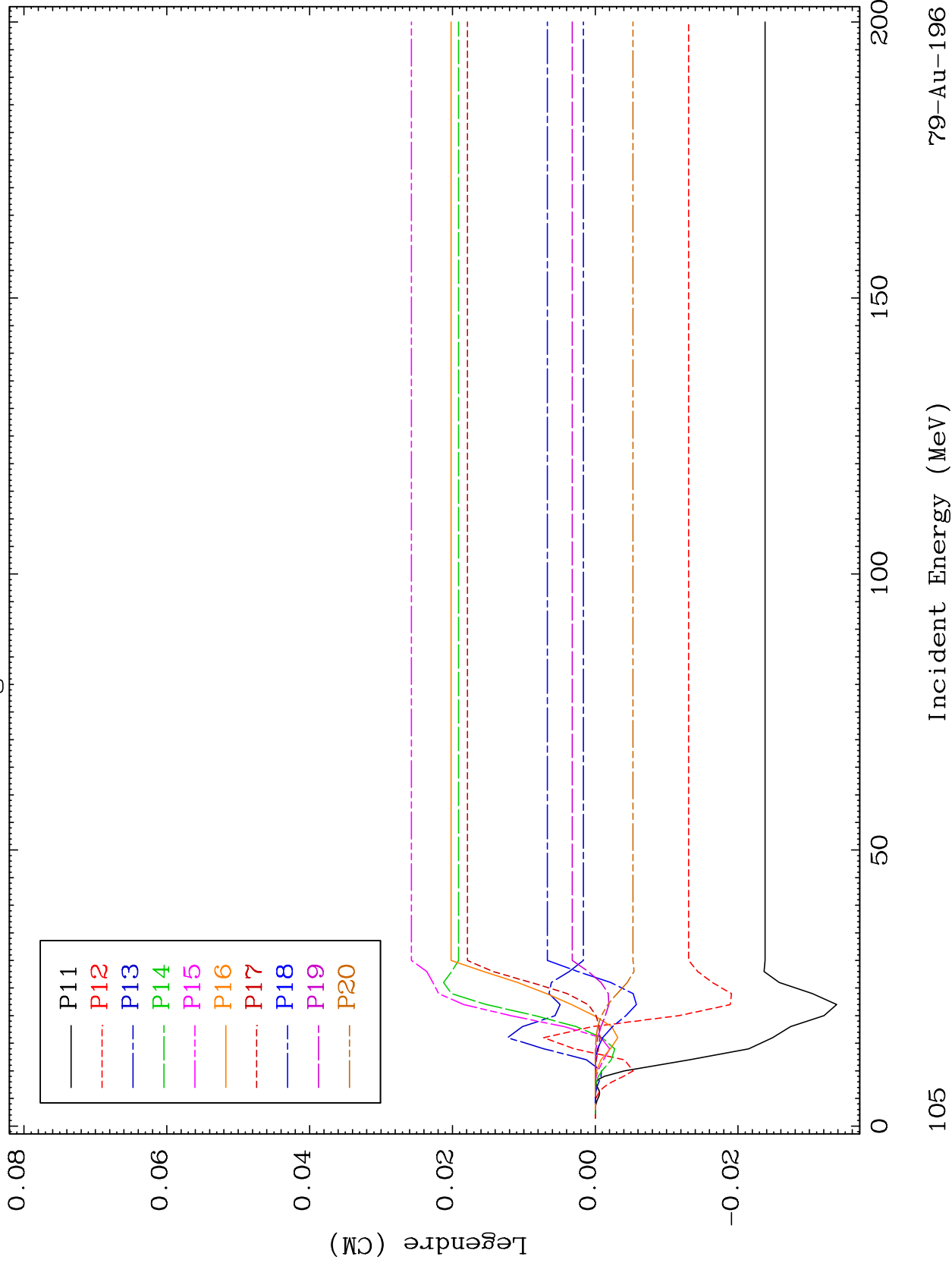
79-Au-196



MAT 7922

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

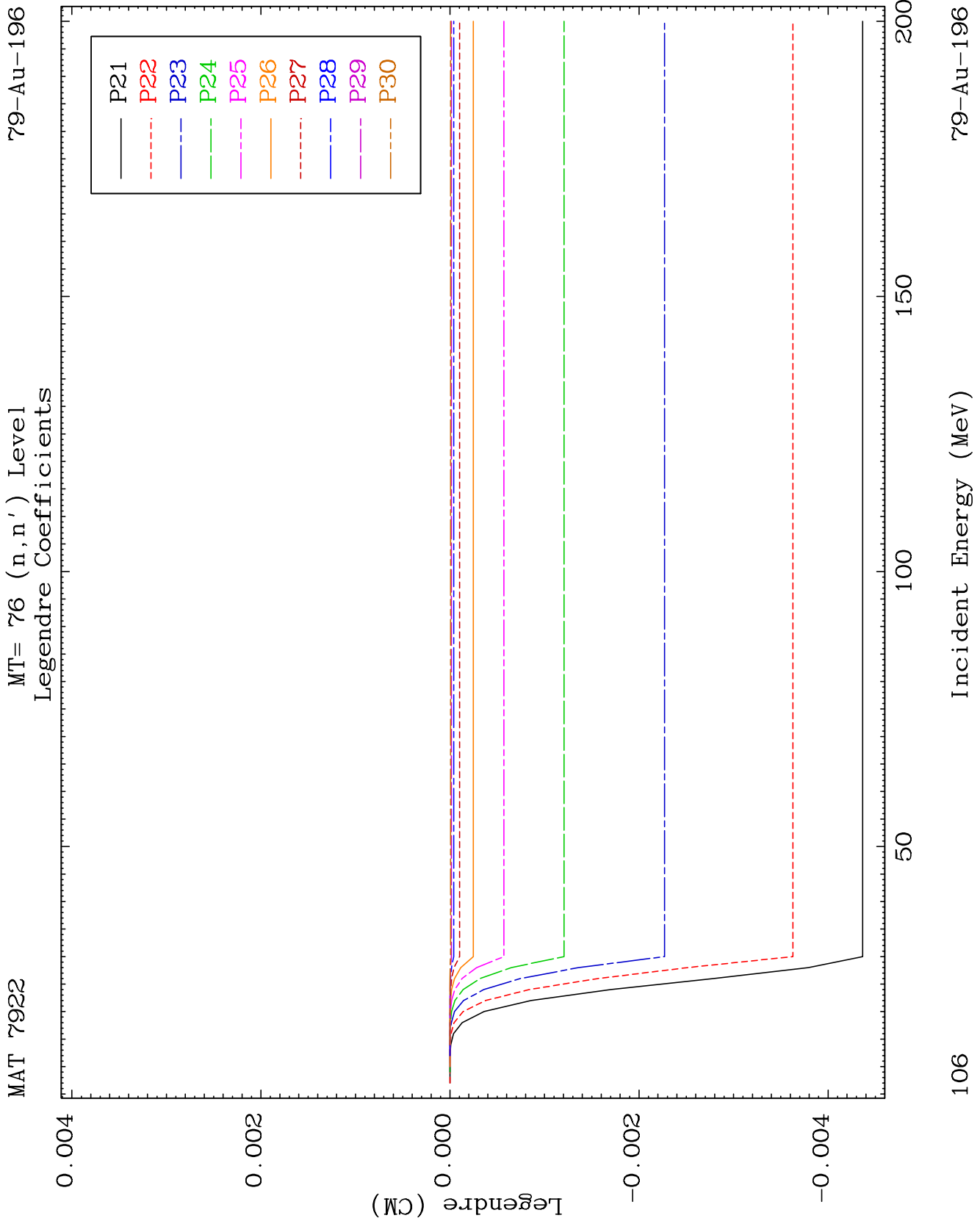
79-Au-196

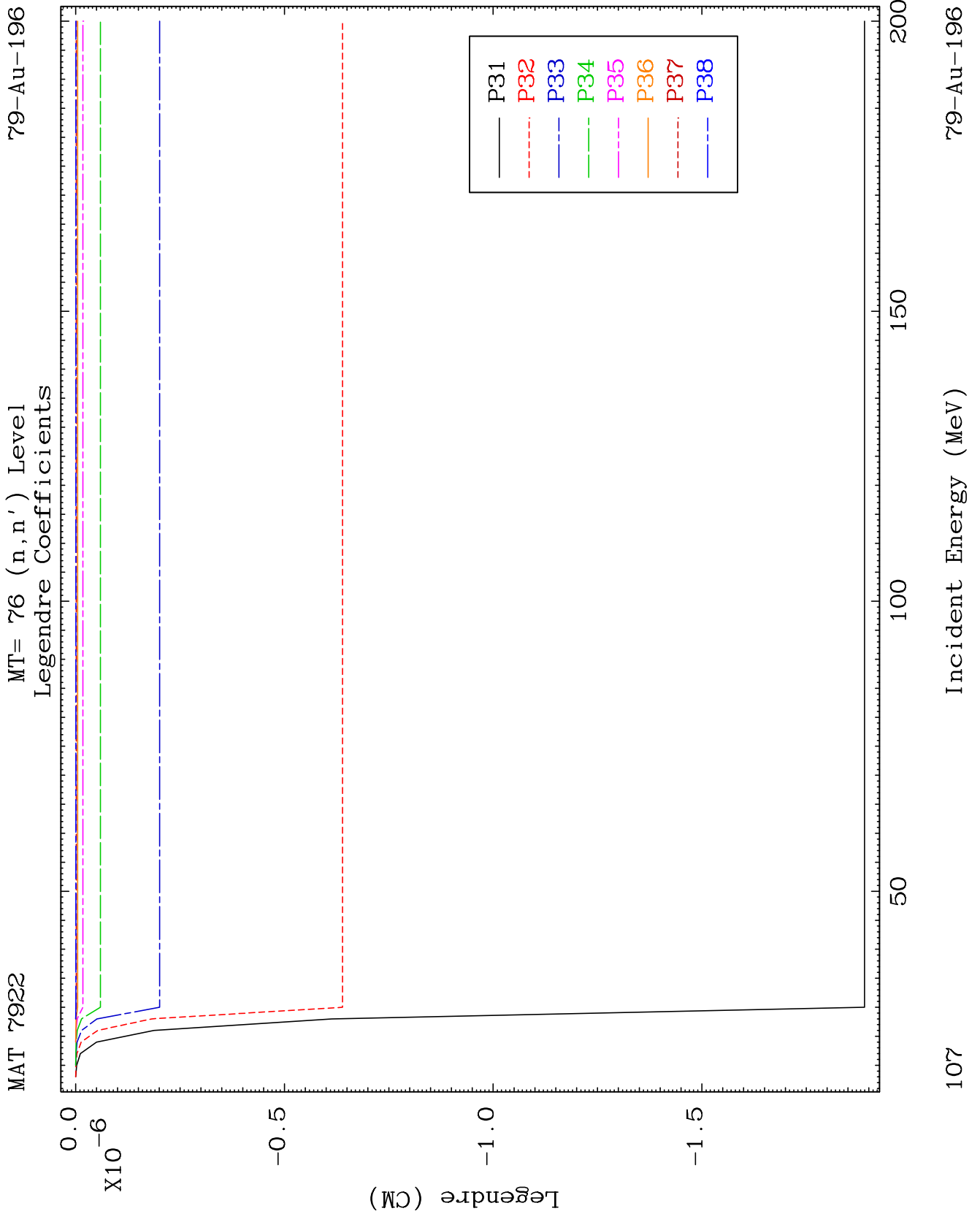


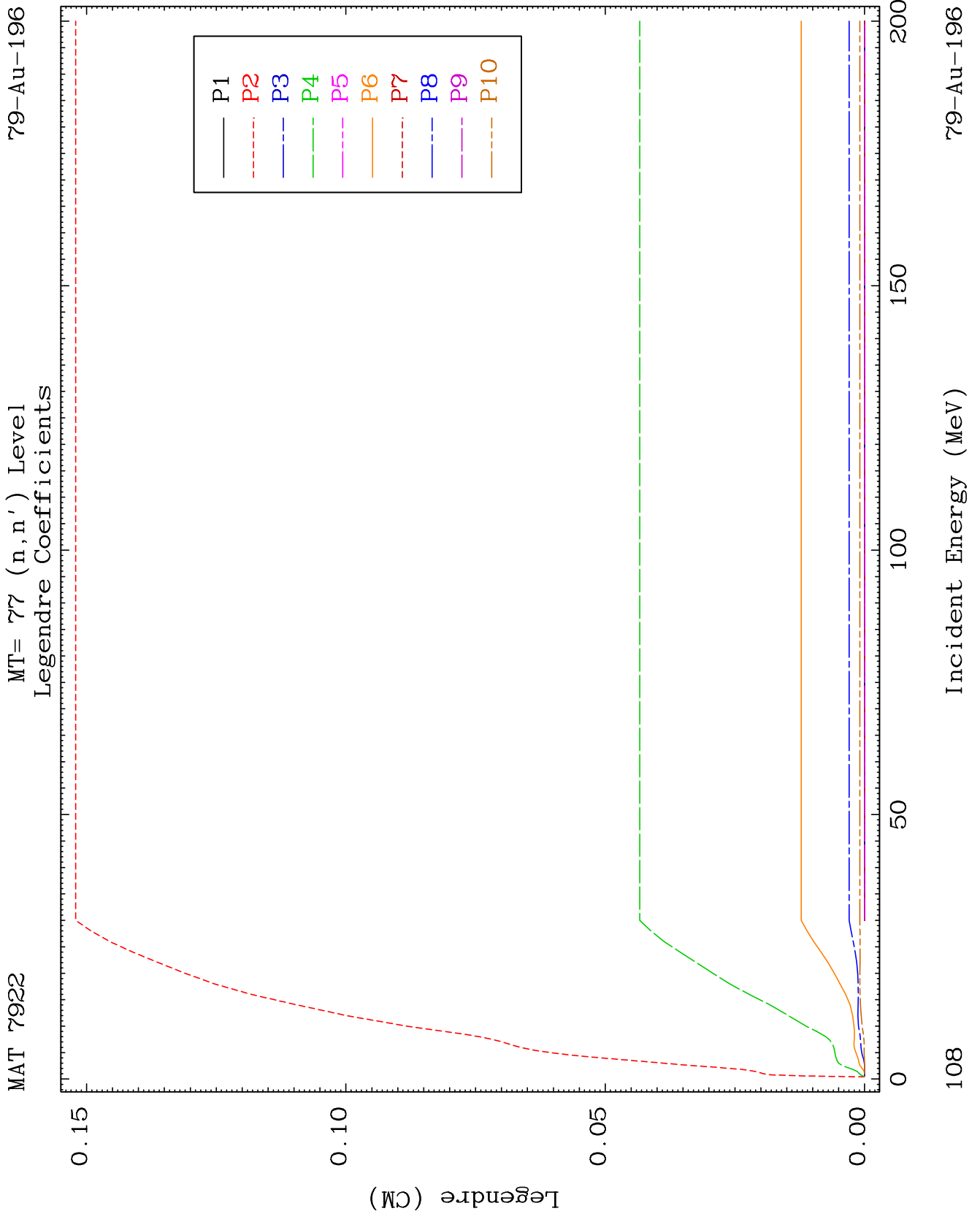
79-Au-196

Incident Energy (MeV)

105



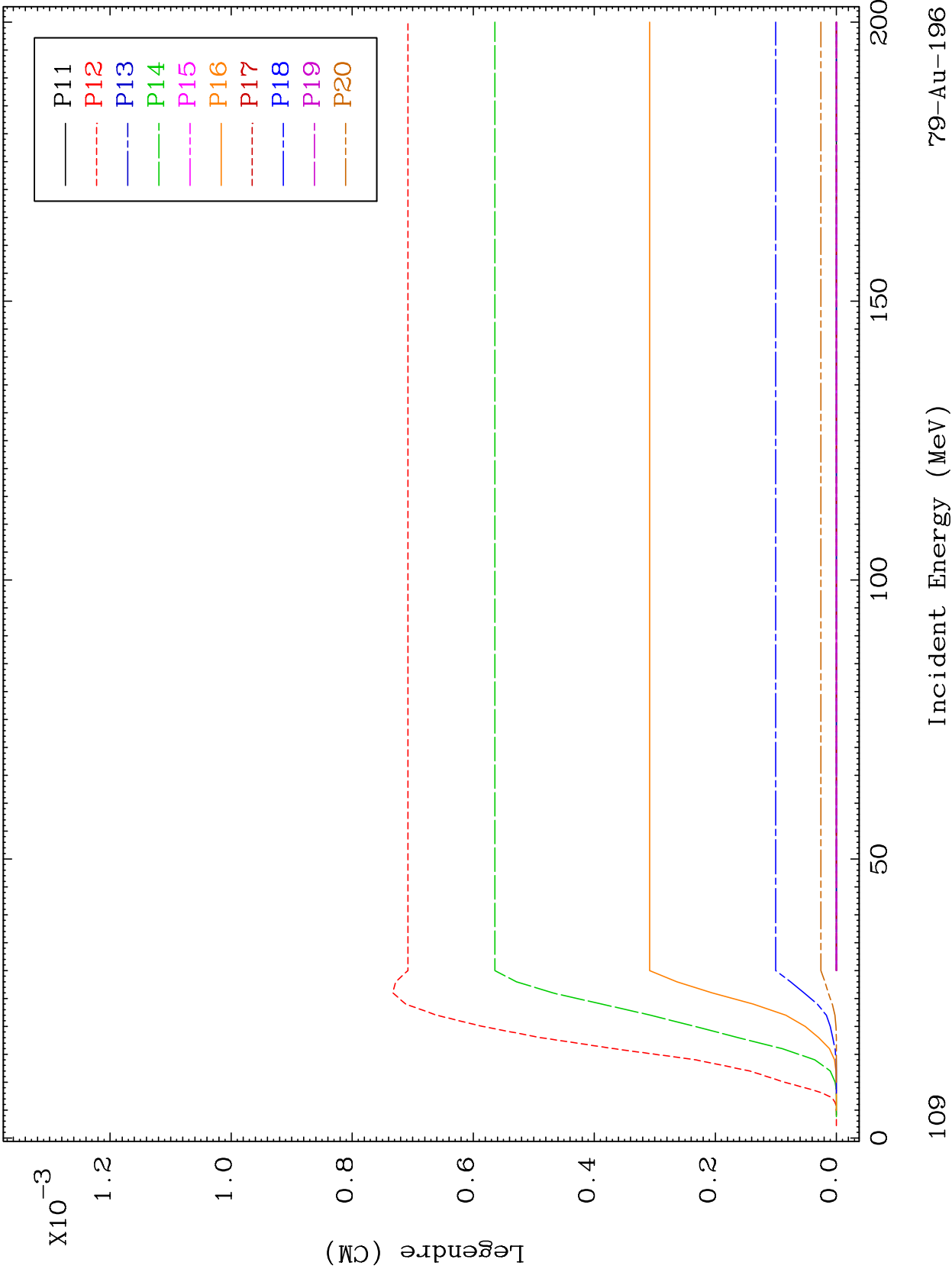




MAT 7922

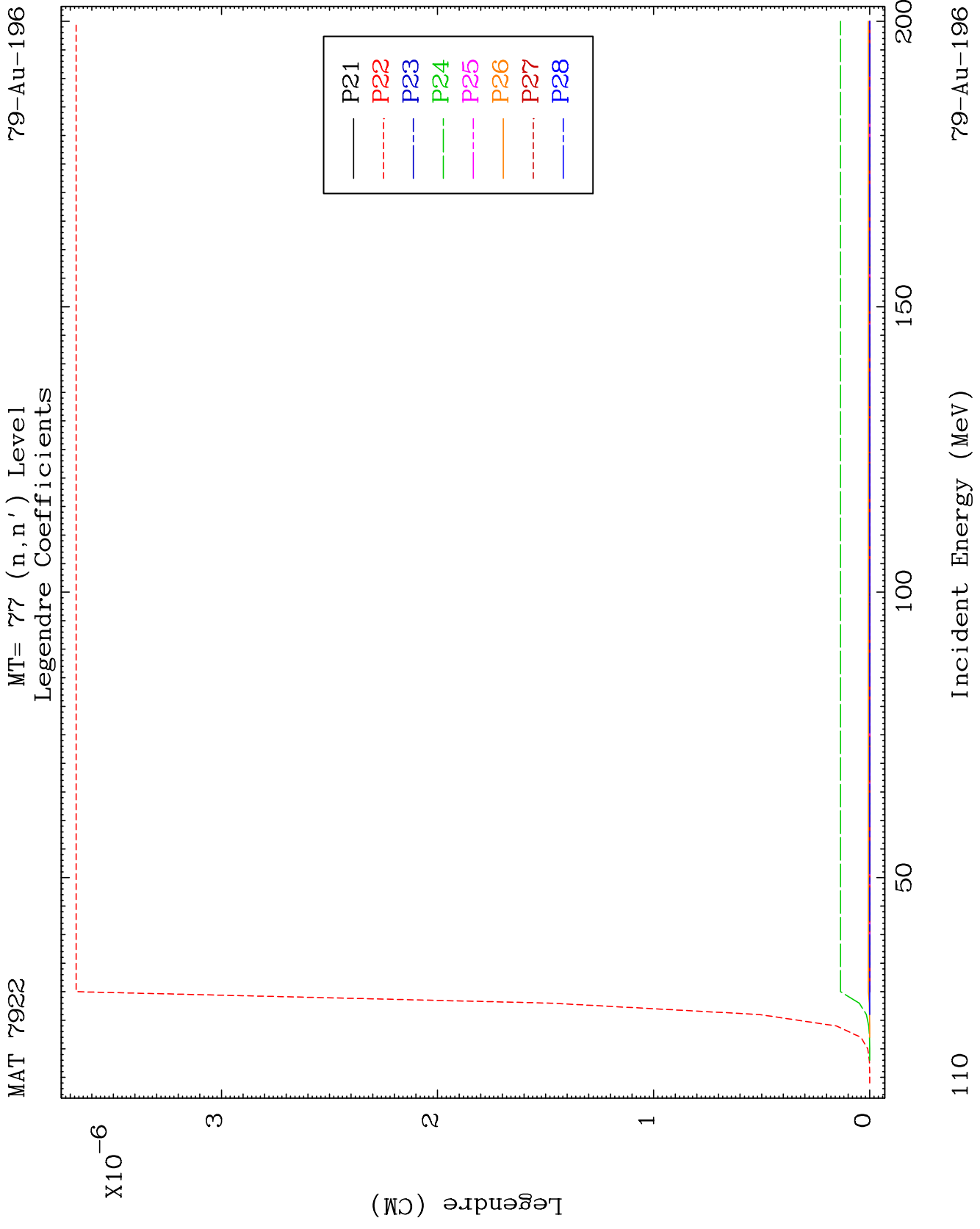
MT= 77 (n,n') Level
Legendre Coefficients

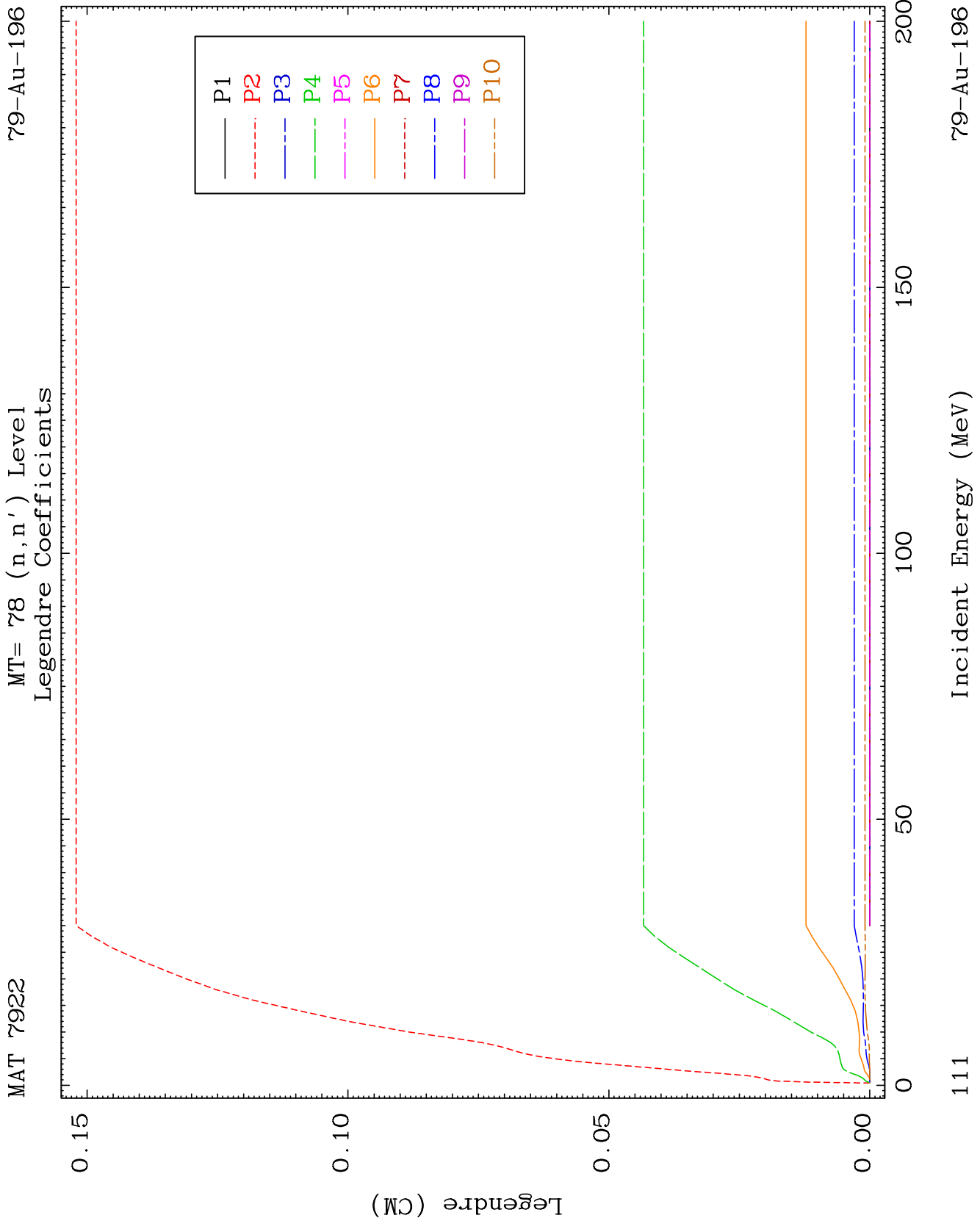
79-Au-196



109

79-Au-196

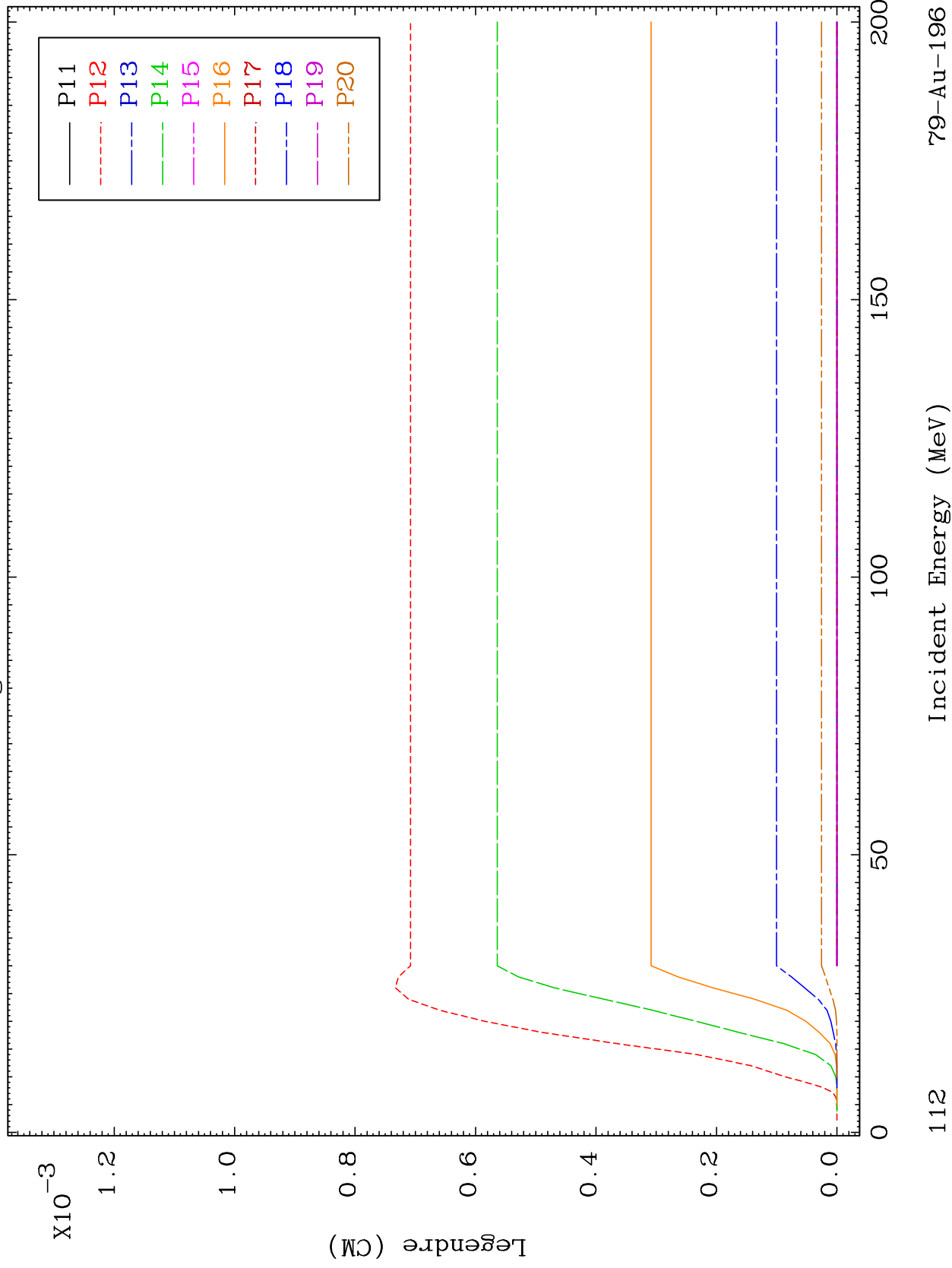




MAT 7922

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

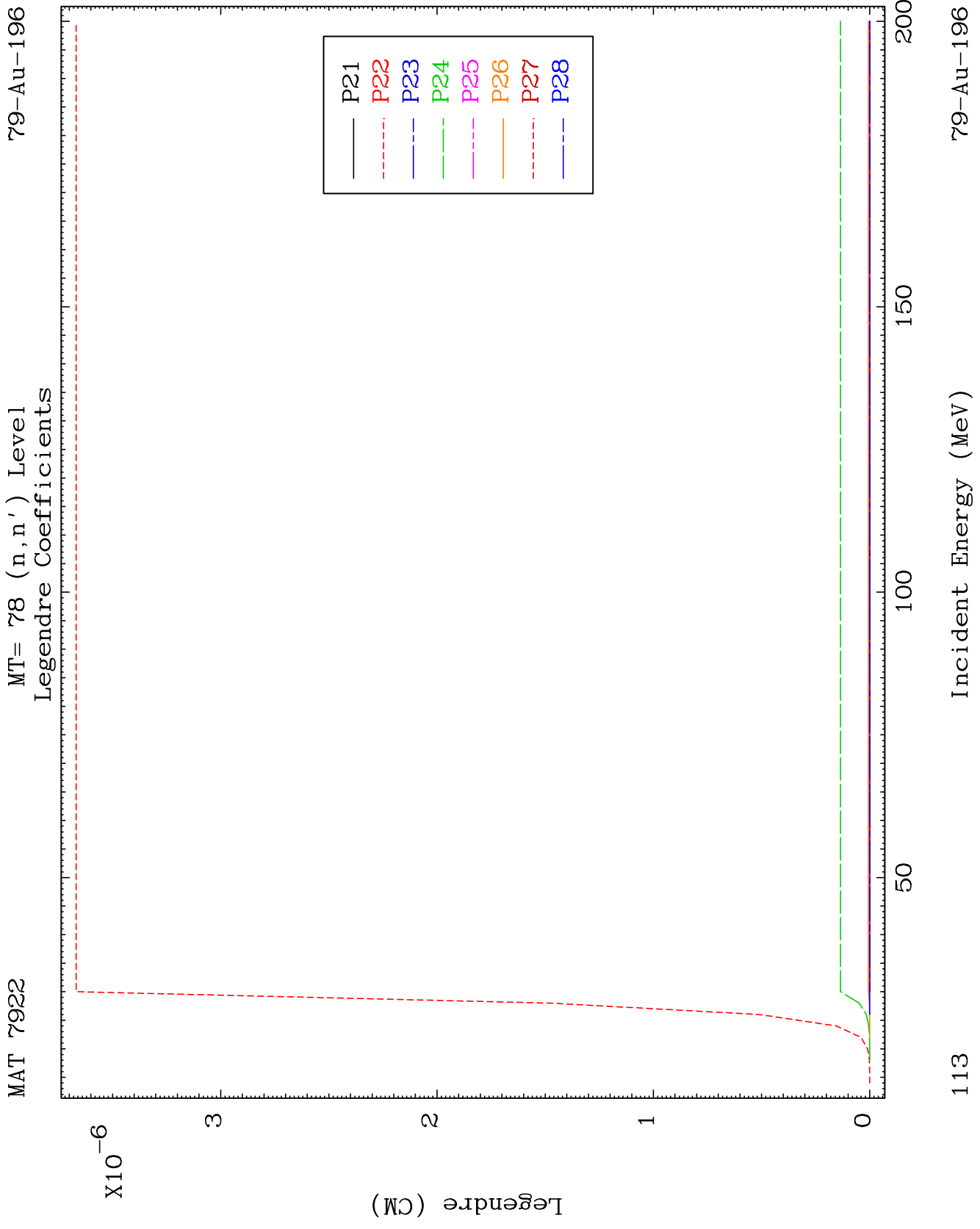
79-Au-196



112

Incident Energy (MeV)

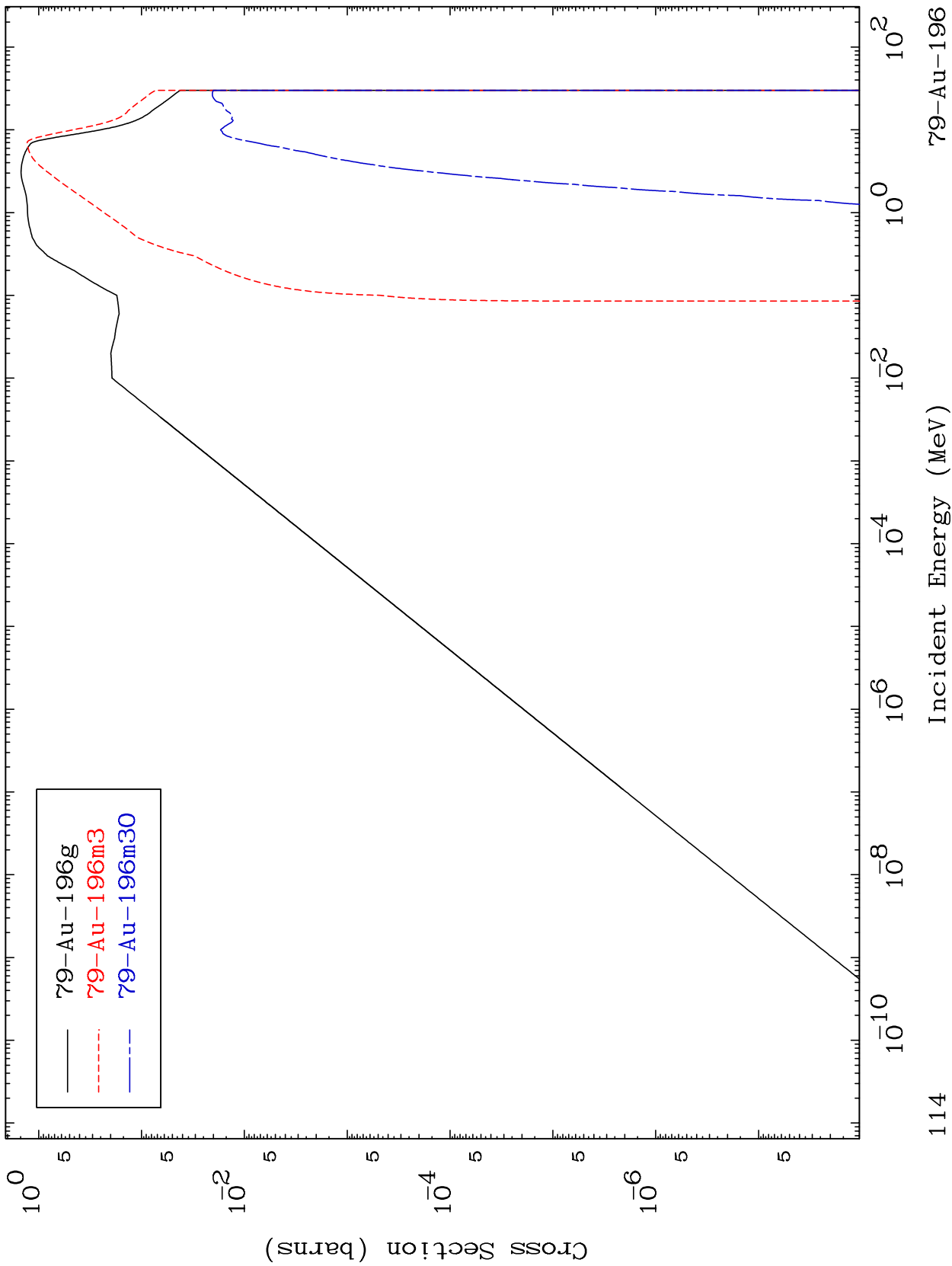
79-Au-196



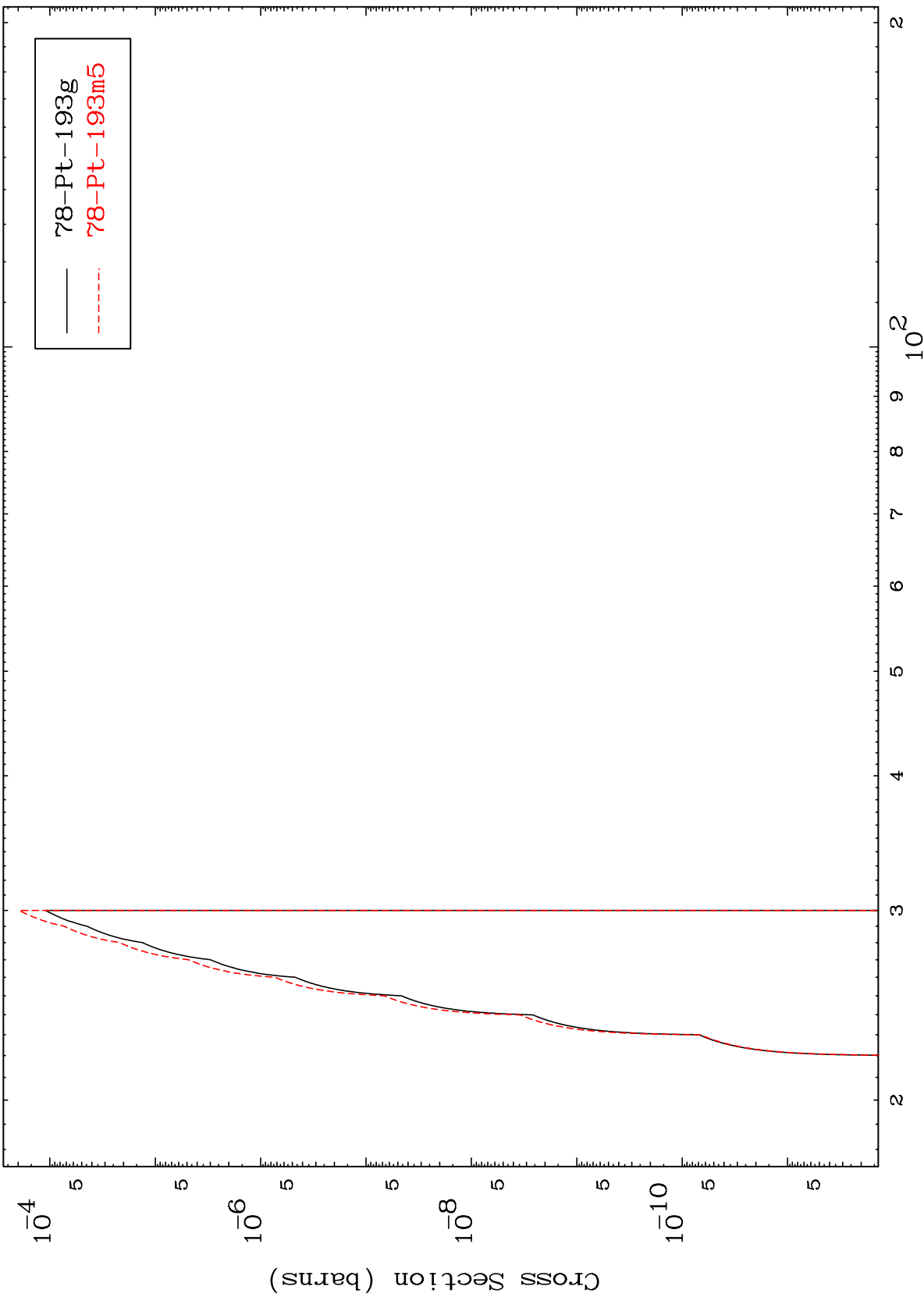
MAT 7922

79-Au-196

Inelastic
Radionuclide Production Cross Section



Radionuclide Production Cross Section

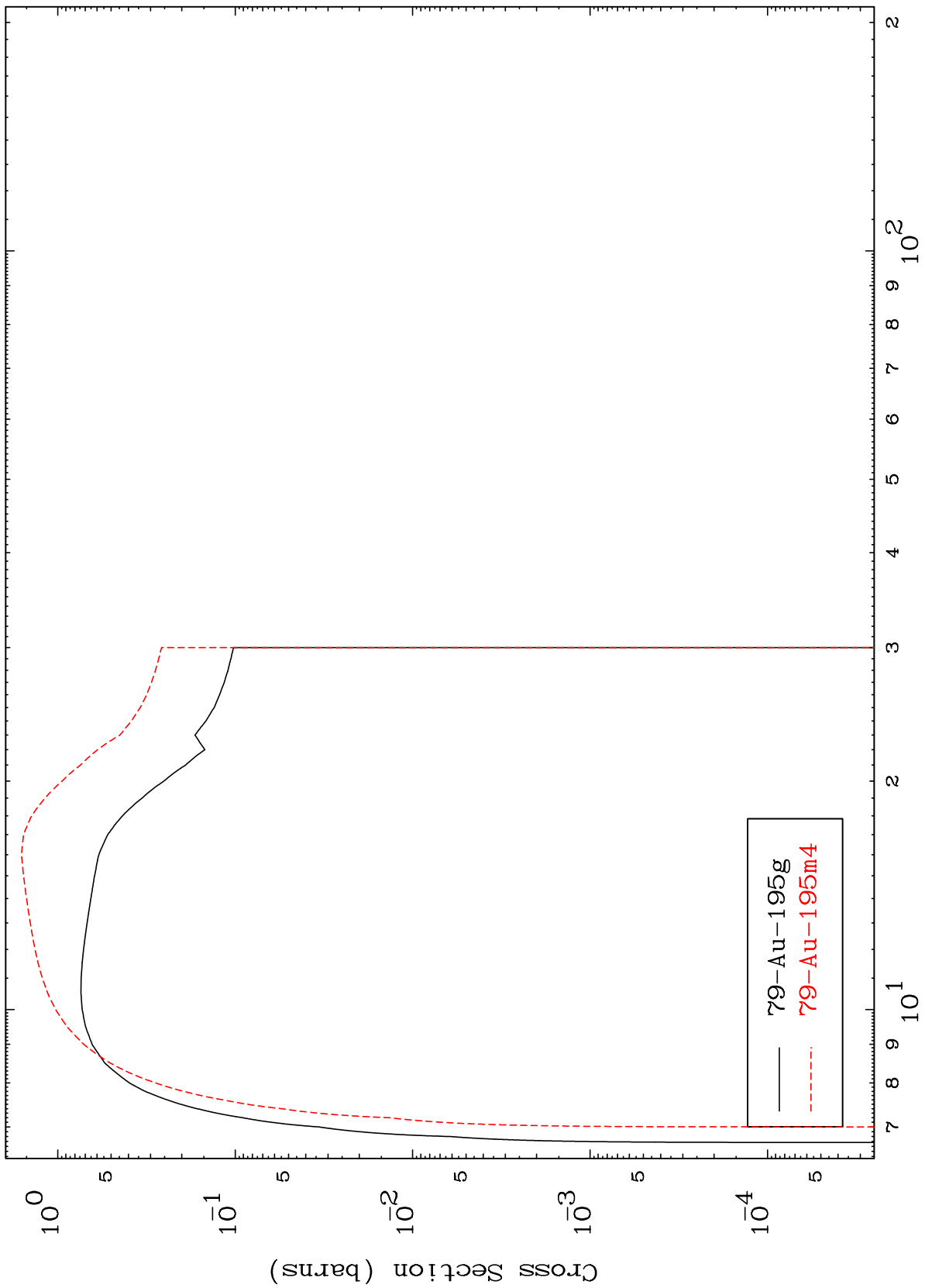


78-Pt-193g
78-Pt-193m5

MAT 7922

79-Au-196

(n,2n)
Radionuclide Production Cross Section



116

Incident Energy (MeV)

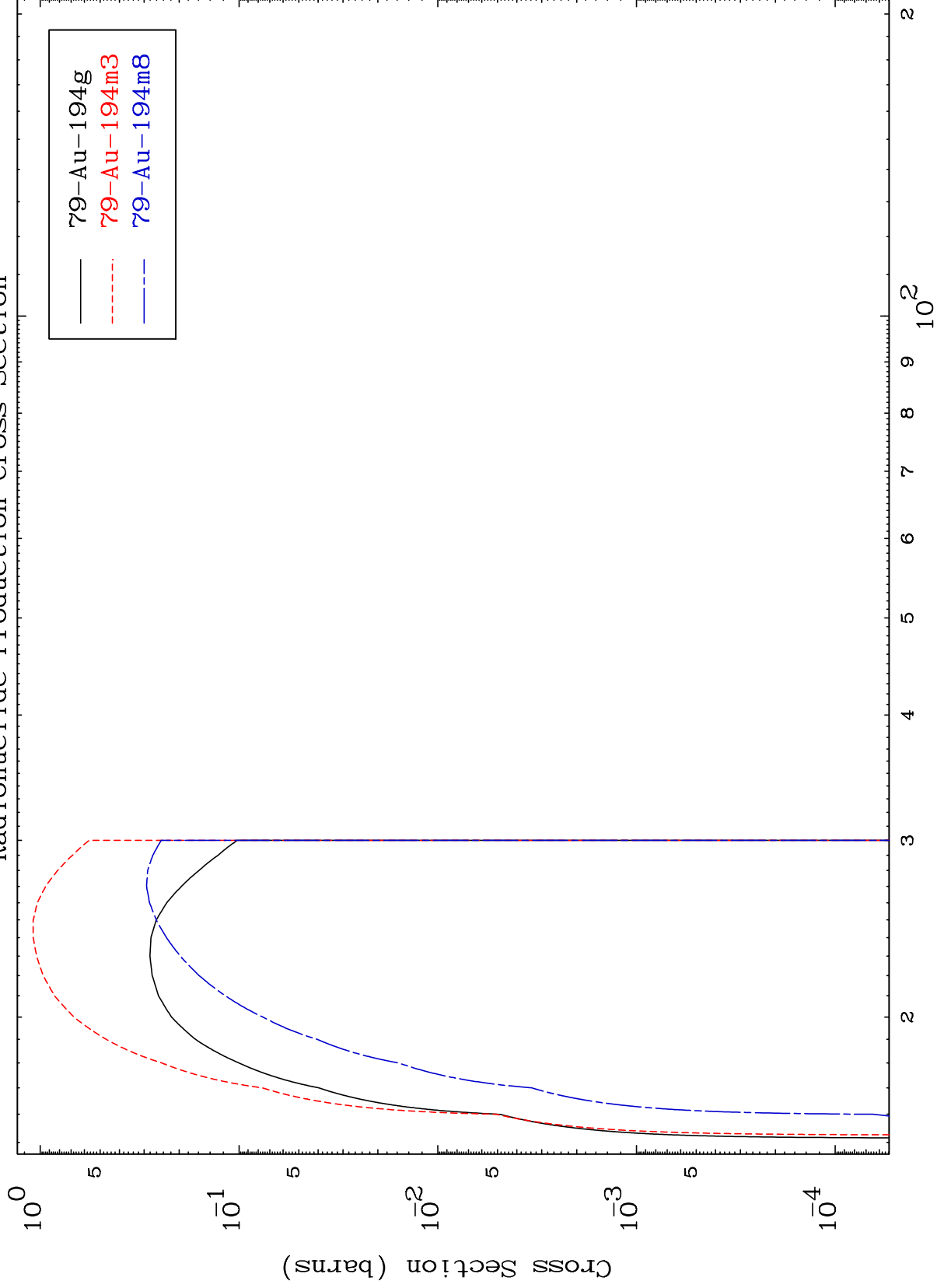
79-Au-196

MAT 7922

(n,3n)

79-Au-196

Radionuclide Production Cross Section



117

Incident Energy (MeV)

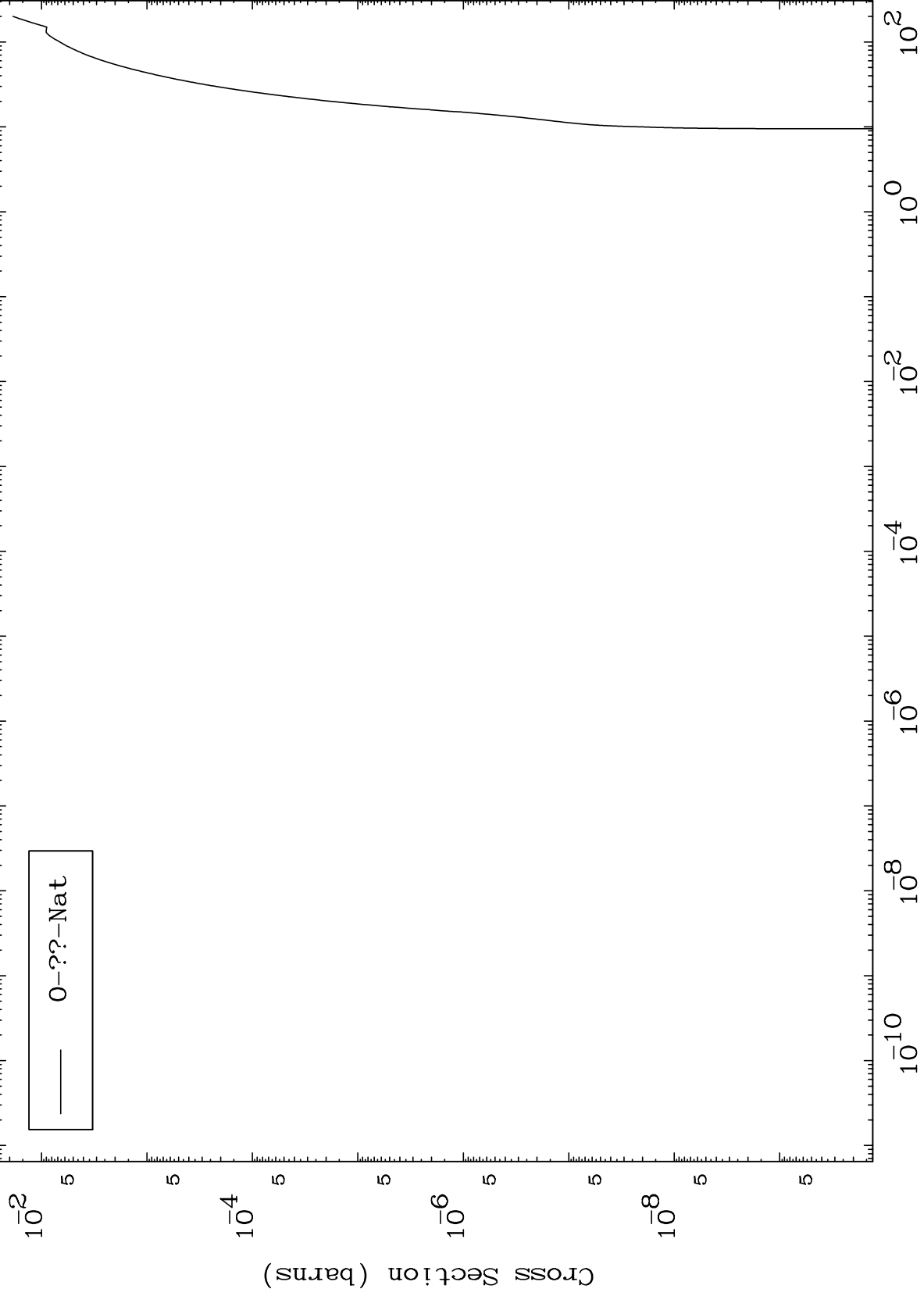
79-Au-196

MAT 7922

Fission

⁷⁹Au-196

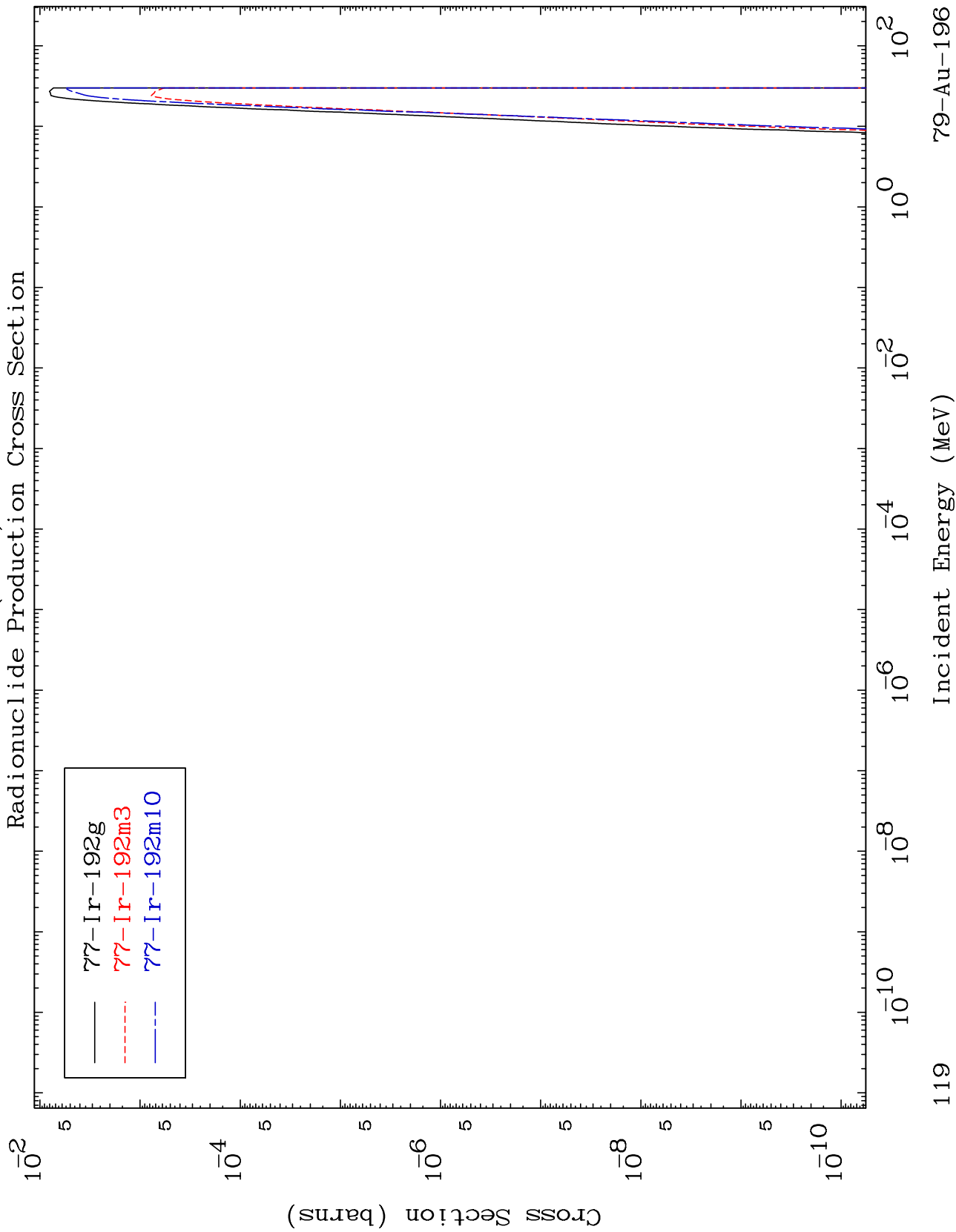
Radionuclide Production Cross Section



MAT 7922

$(n, n') \alpha$

⁷⁹Au-196

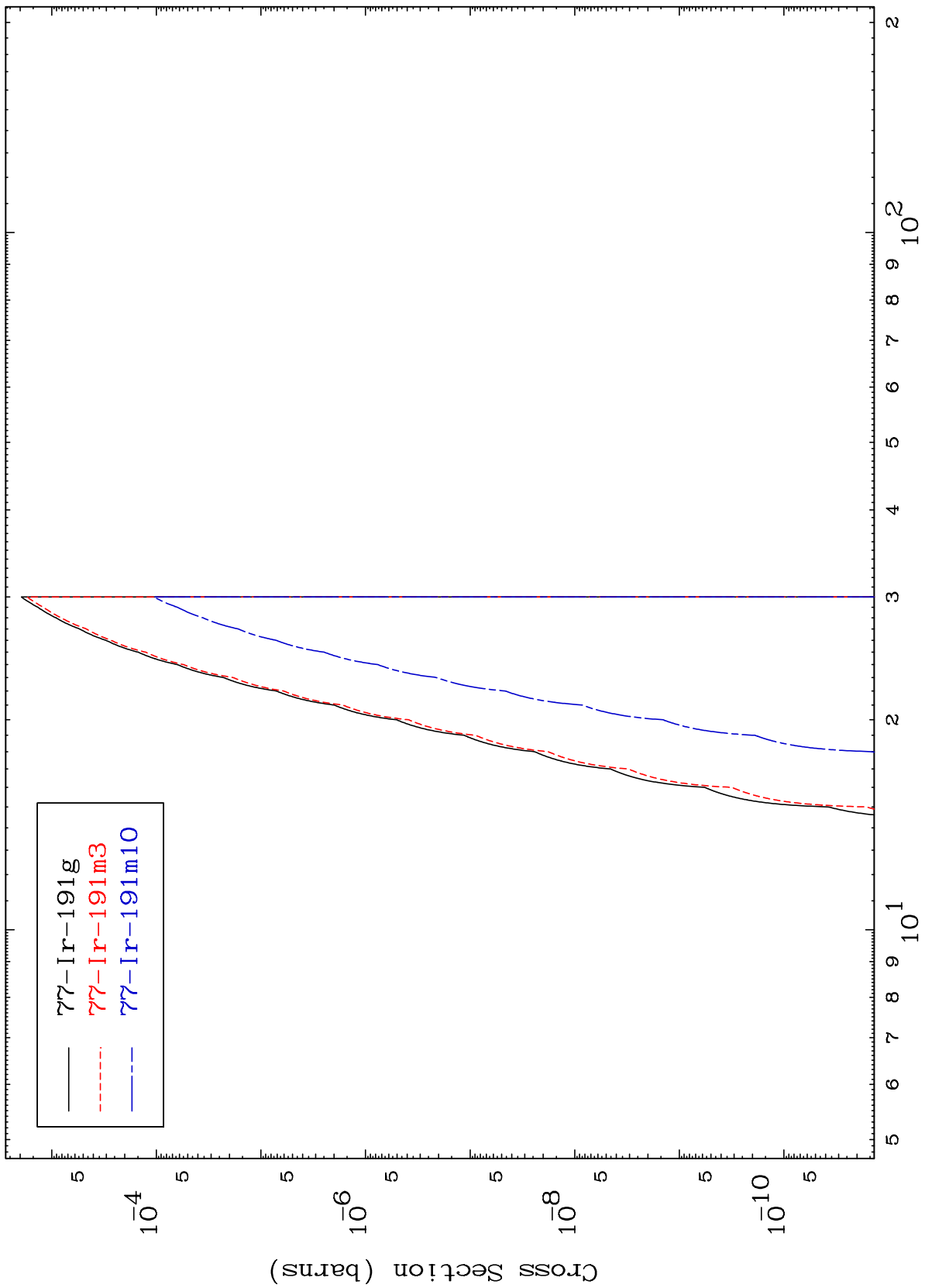


MAT 7922

$(n, 2n) \alpha$

$^{79}\text{Au-196}$

Radionuclide Production Cross Section



120

Incident Energy (MeV)

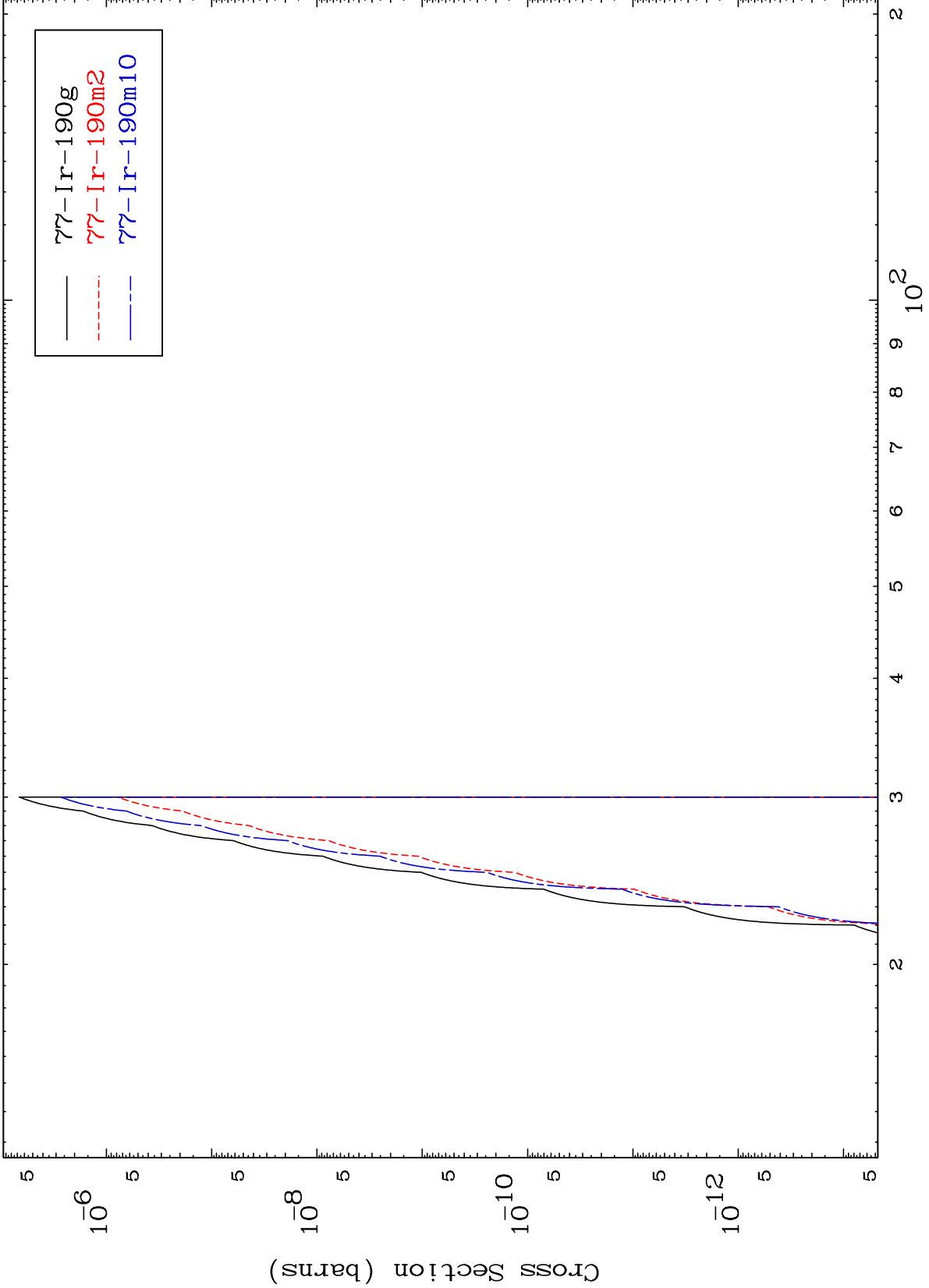
$^{79}\text{Au-196}$

MAT 7922

(n,3n) α

79-Au-196

Radionuclide Production Cross Section



121

Incident Energy (MeV)

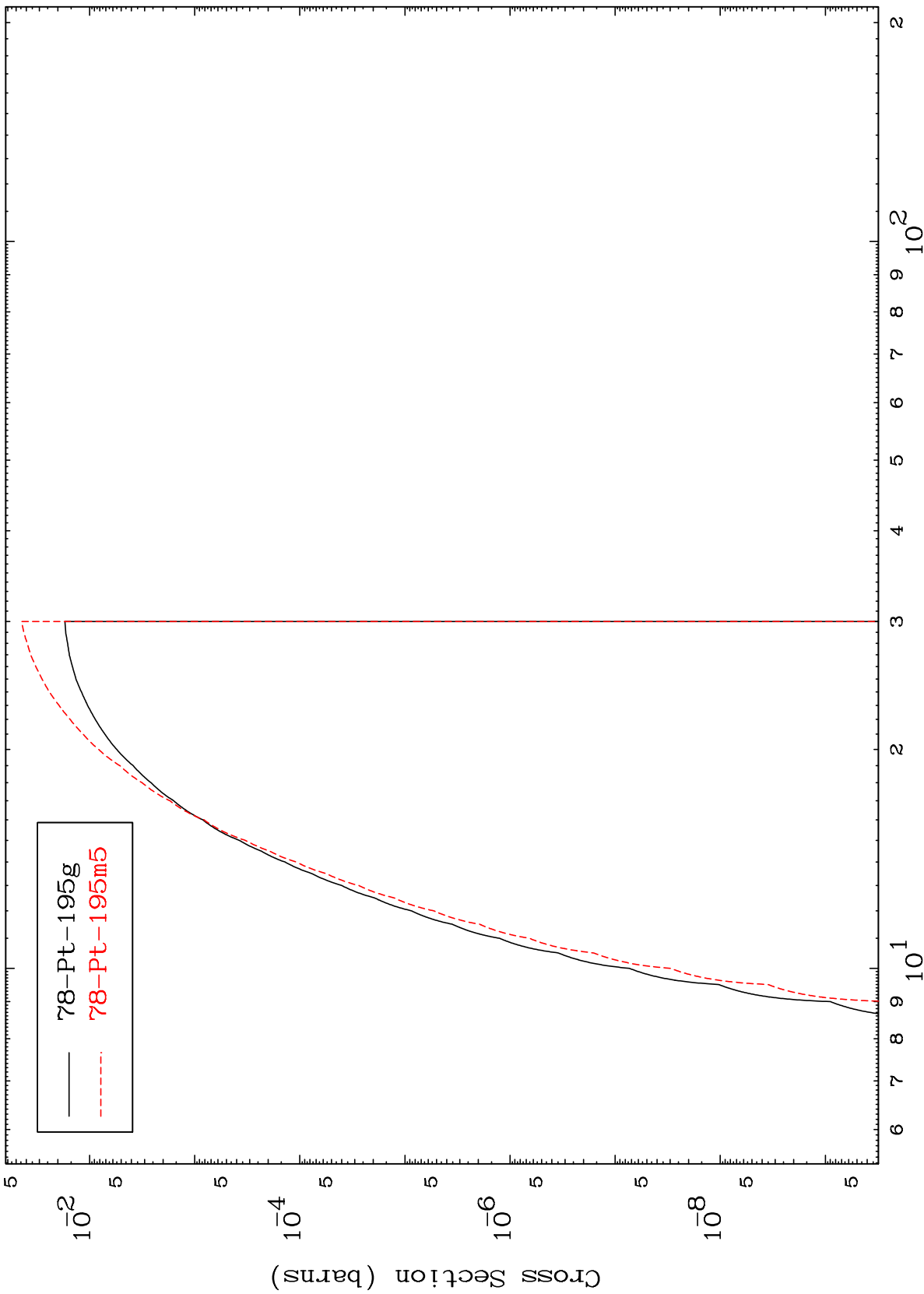
79-Au-196

MAT 7922

(n,n') p

79-Au-196

Radionuclide Production Cross Section

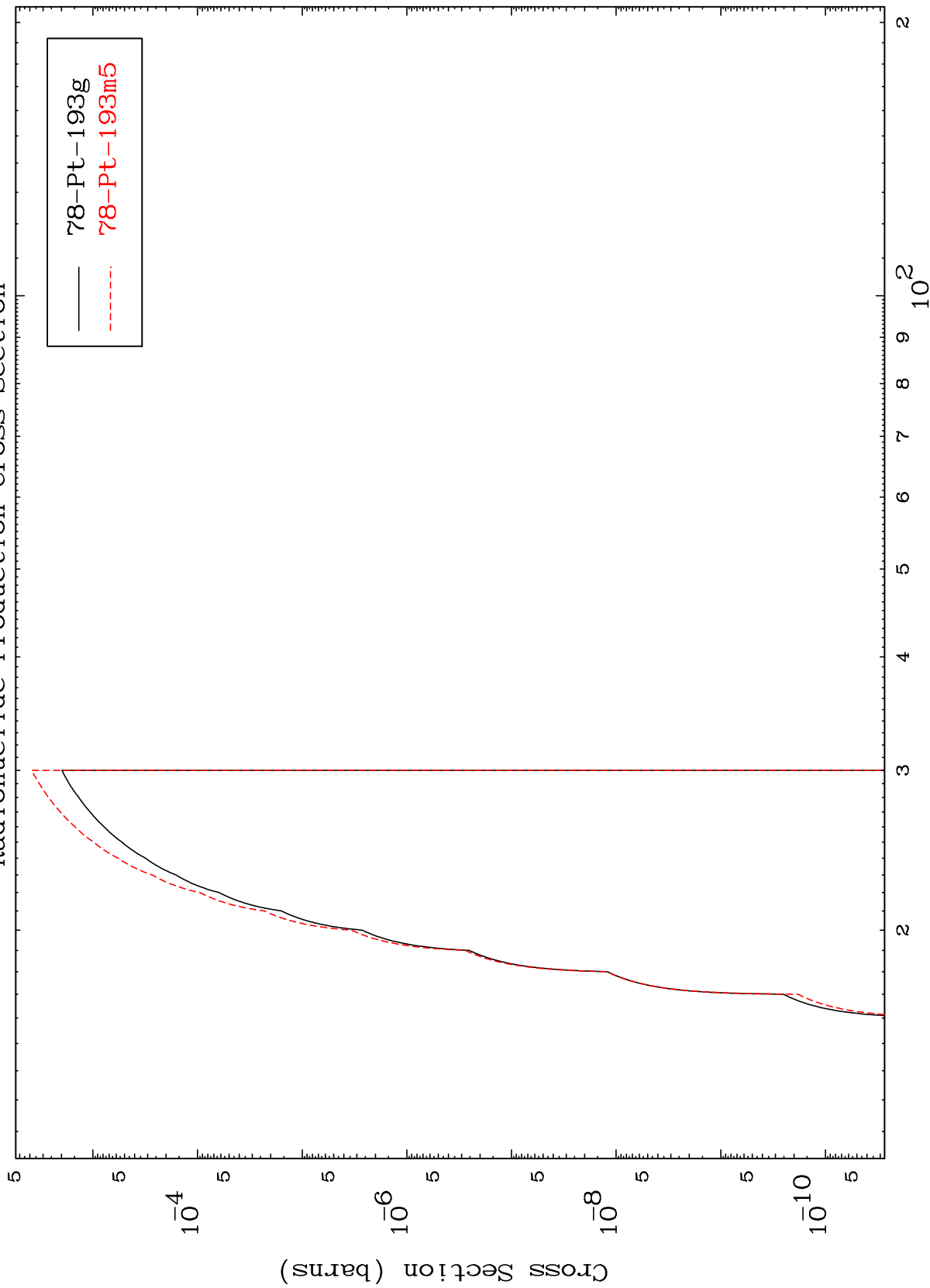


122

Incident Energy (MeV)

79-Au-196

Radionuclide Production Cross Section

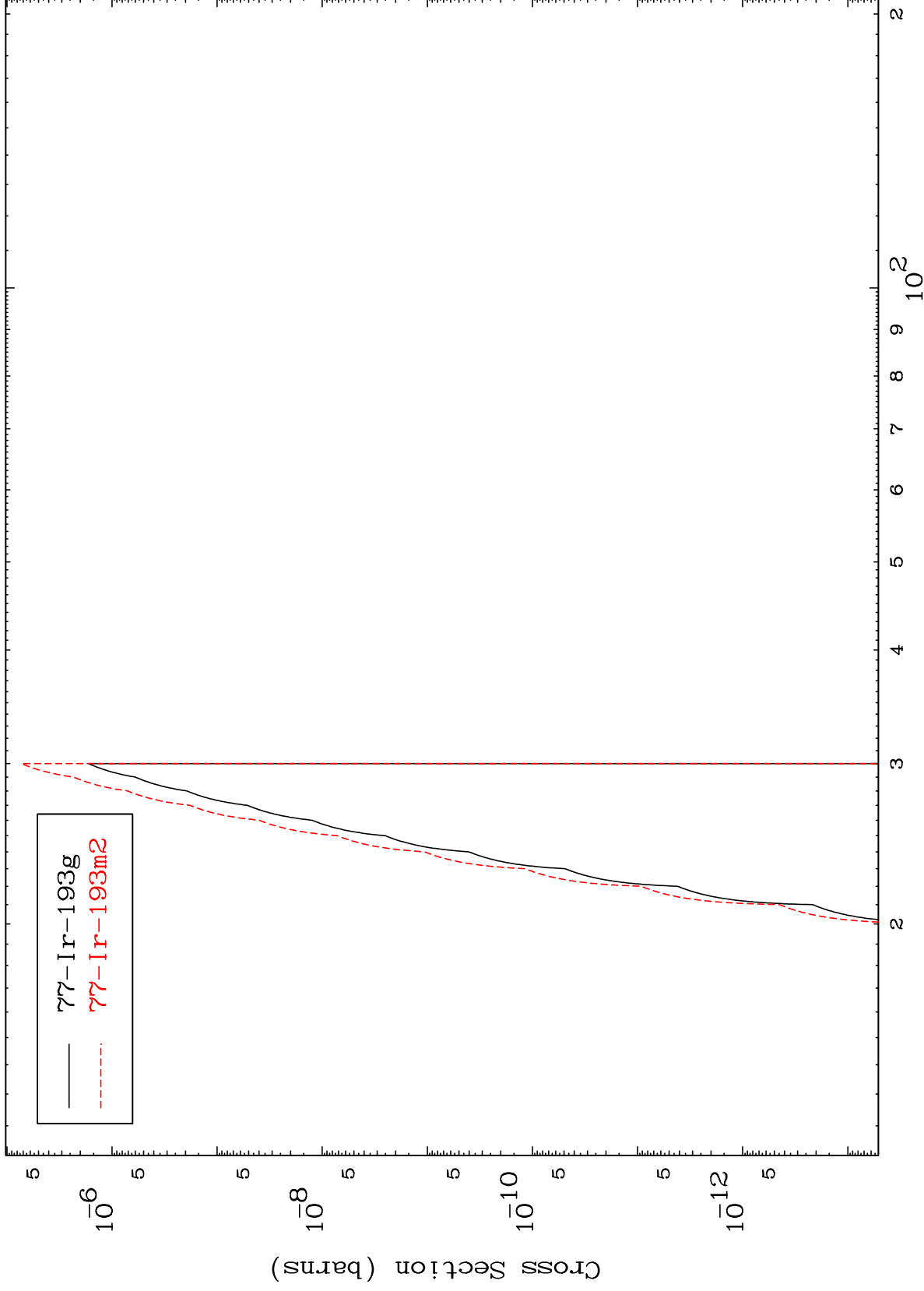


MAT 7922

(n,n') He-3

79-Au-196

Radionuclide Production Cross Section



124

Incident Energy (MeV)

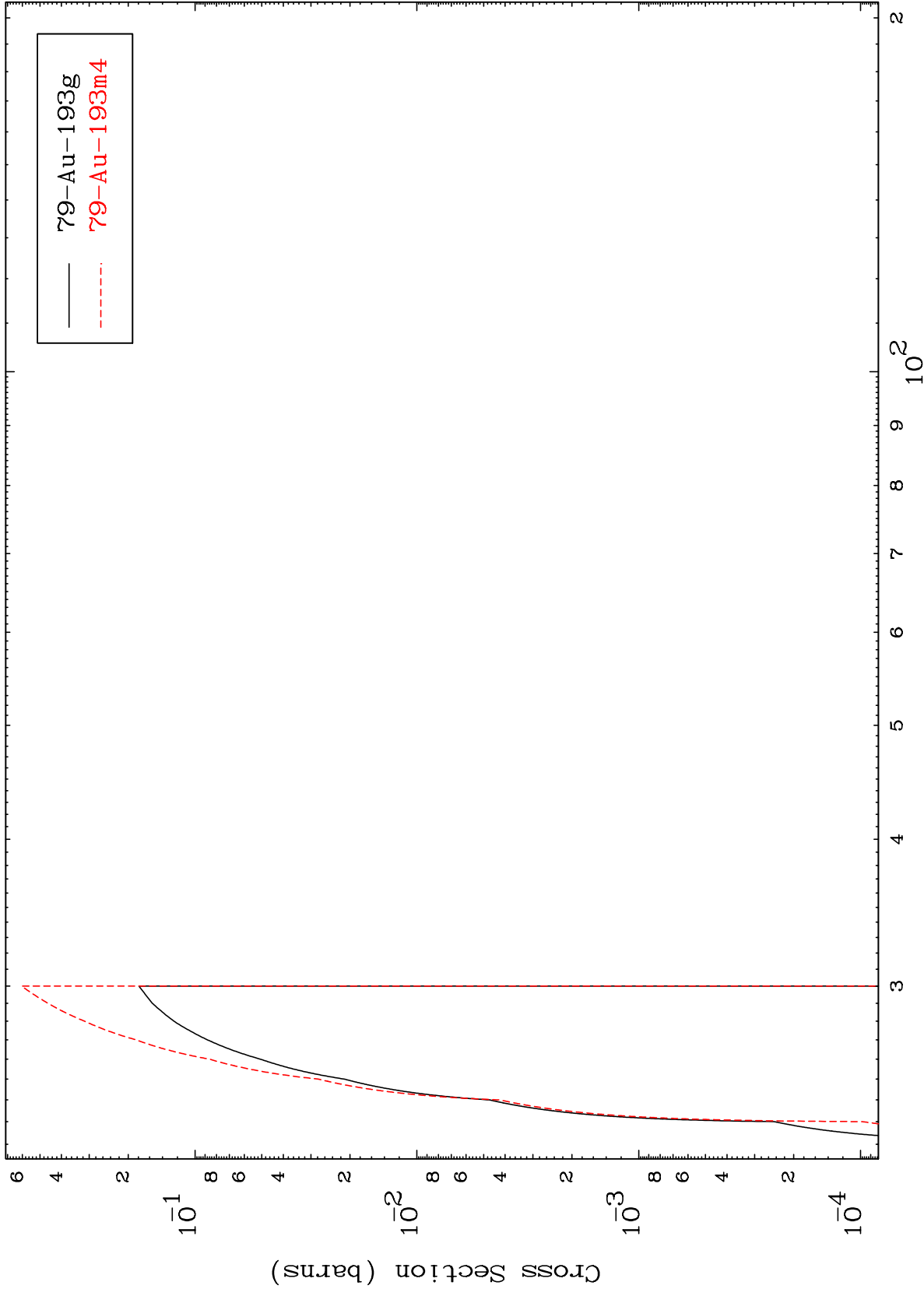
79-Au-196

MAT 7922

(n,4n)

79-Au-196

Radionuclide Production Cross Section



125

Incident Energy (MeV)

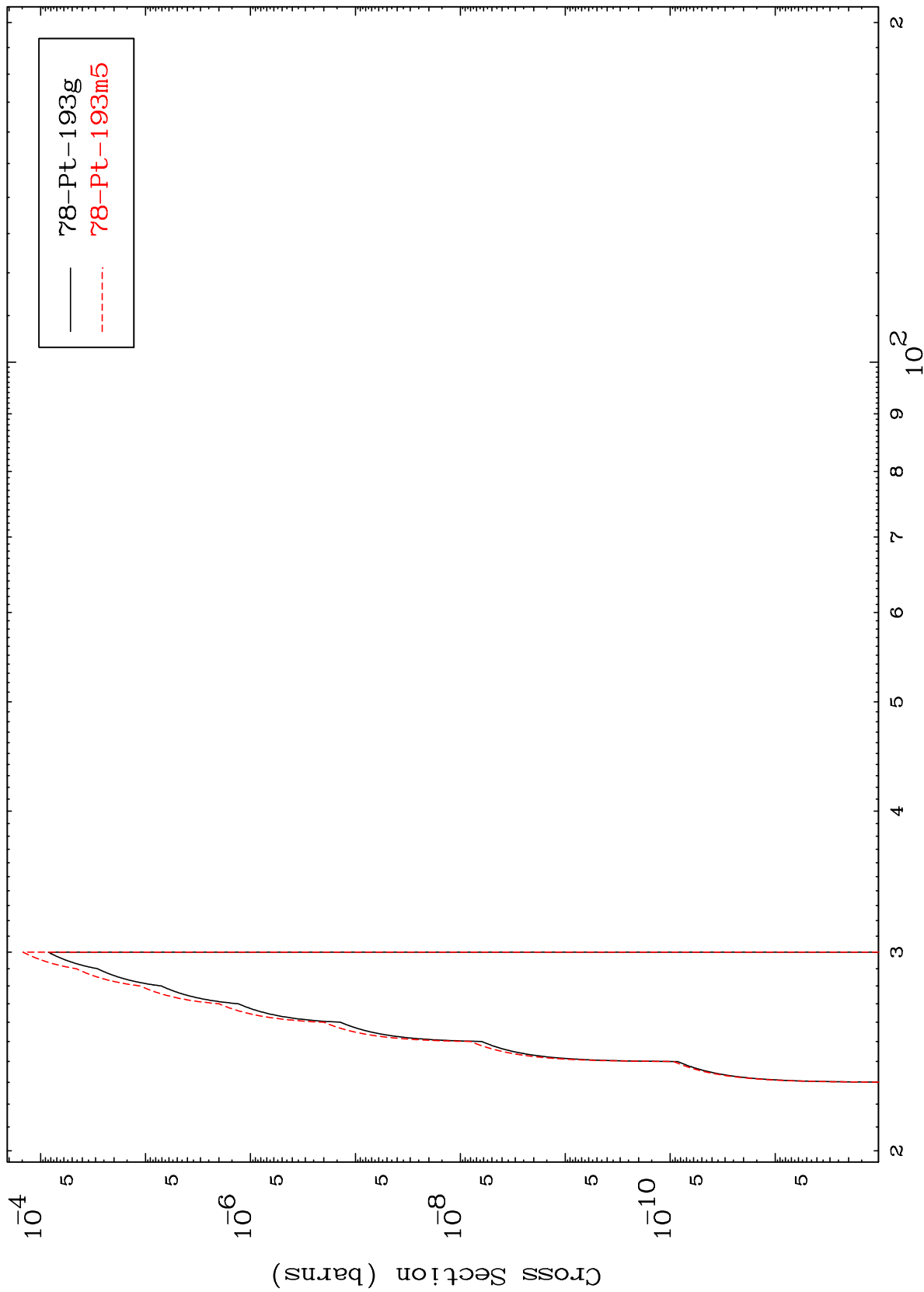
79-Au-196

MAT 7922

(n,3n) p

79-Au-196

Radionuclide Production Cross Section

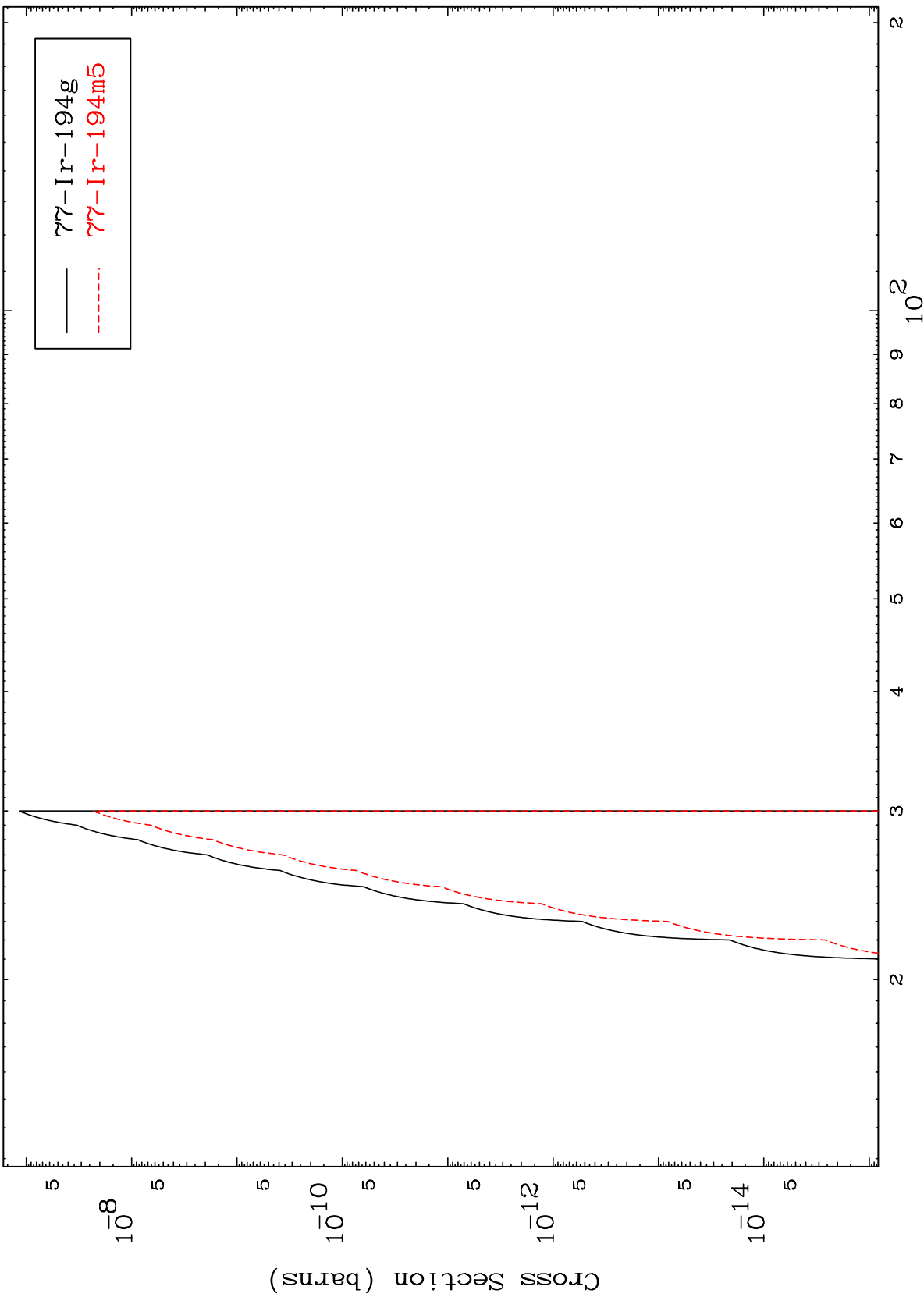


126

Incident Energy (MeV)

79-Au-196

Radionuclide Production Cross Section



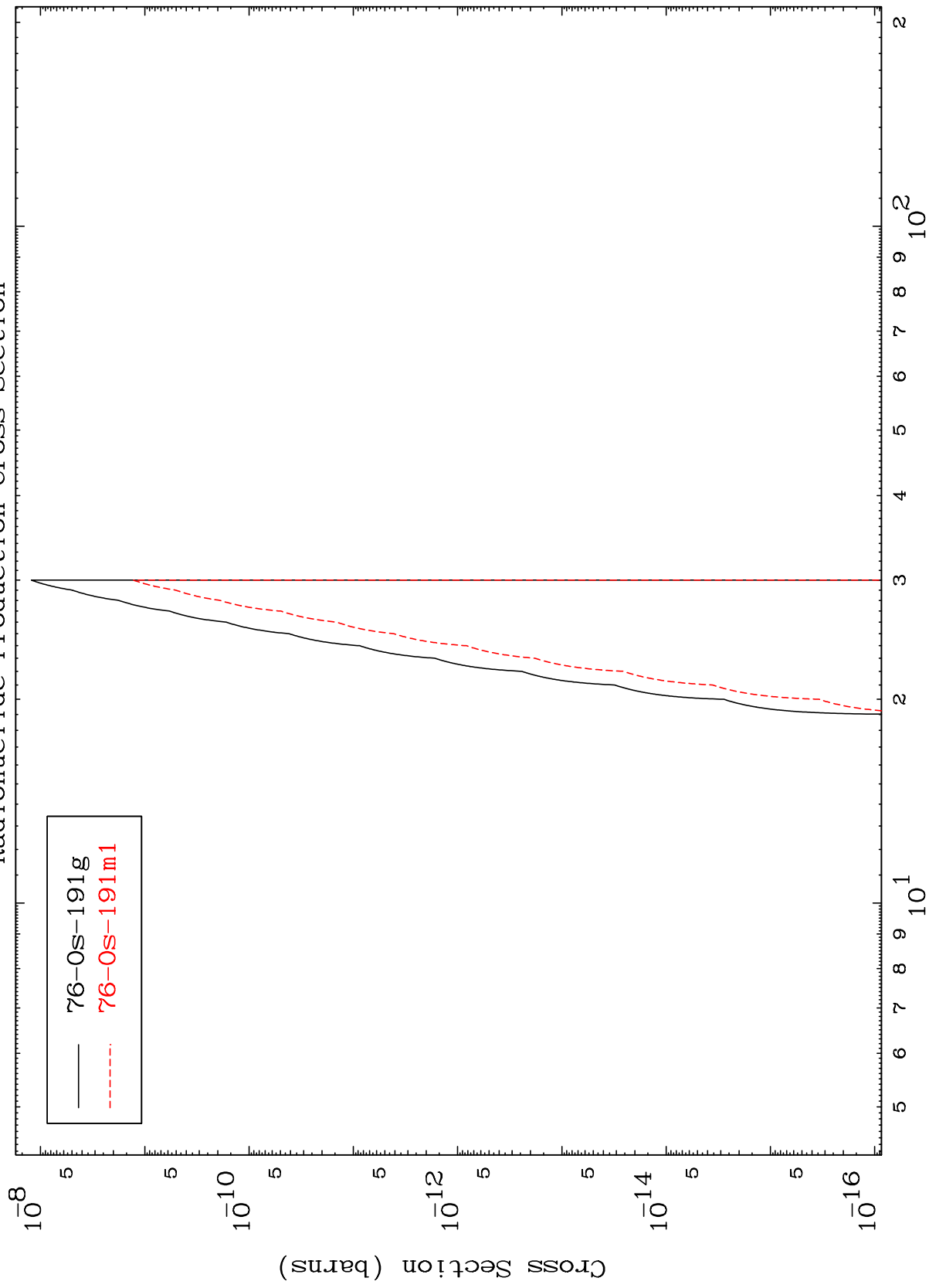
77-Ir-194g
77-Ir-194m5

MAT 7922

(n,n') p α

79-Au-196

Radionuclide Production Cross Section



128

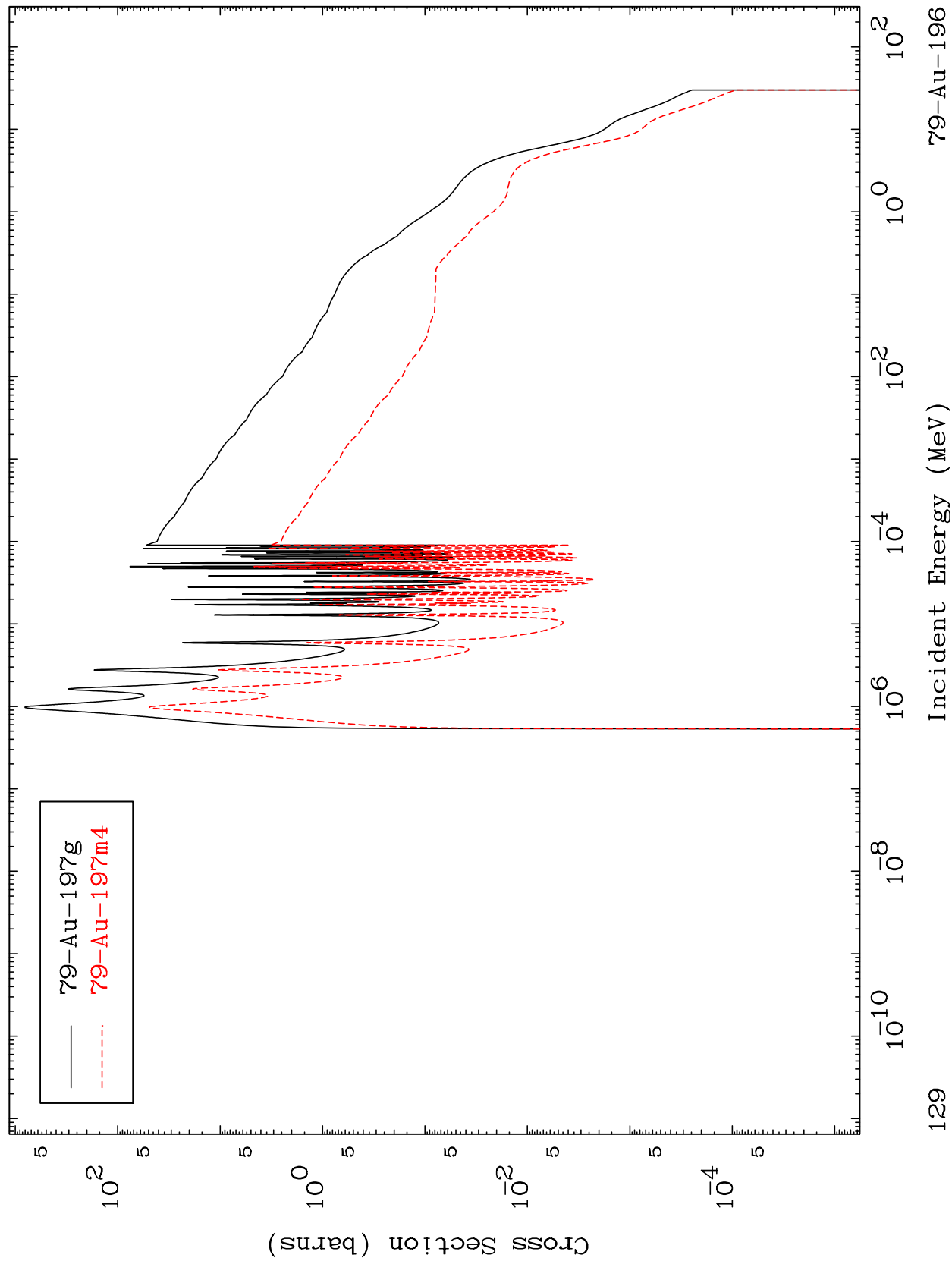
Incident Energy (MeV)

79-Au-196

MAT 7922

79-Au-196

(n, γ)
Radionuclide Production Cross Section



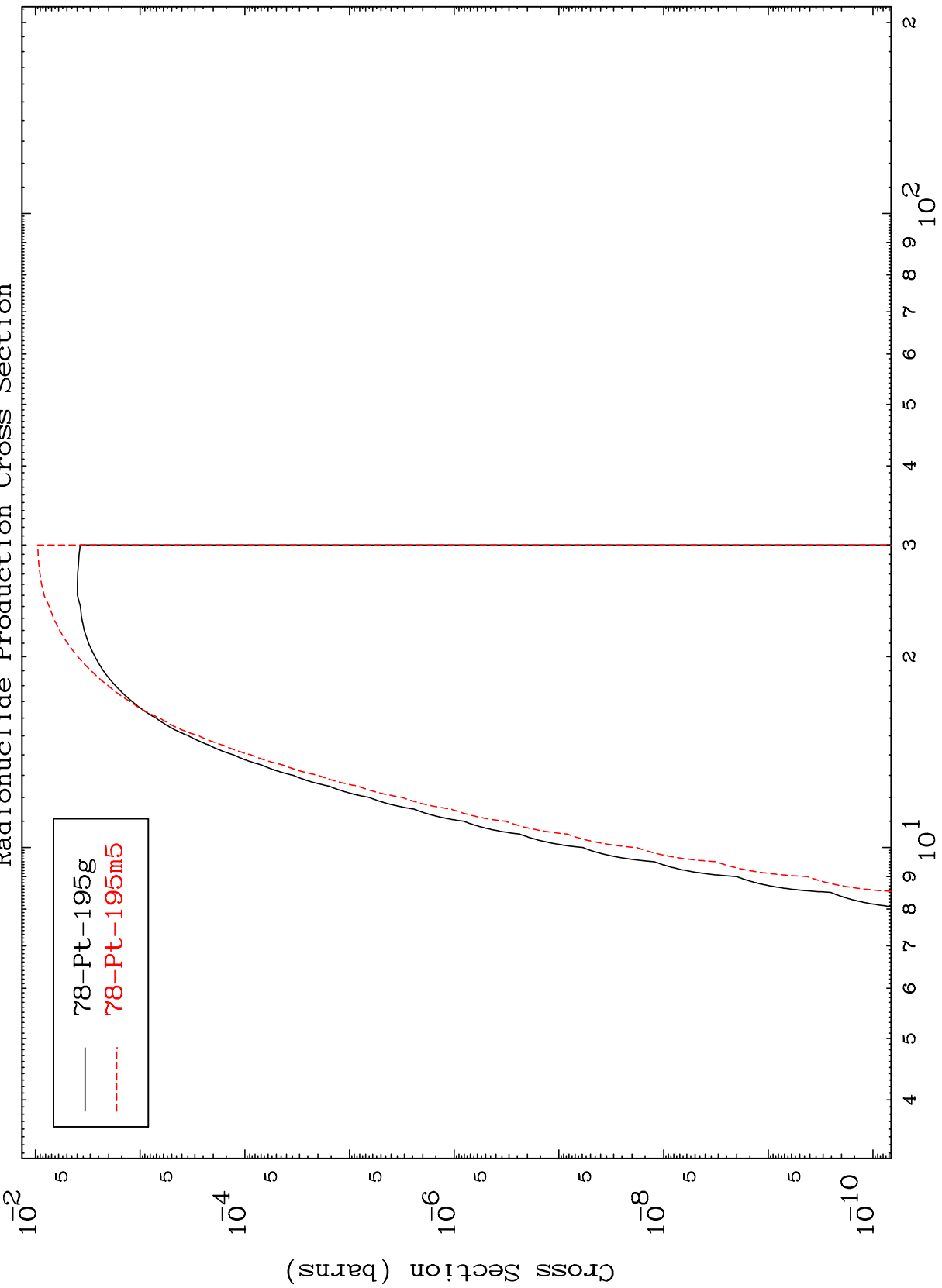
129

79-Au-196

MAT 7922

79-Au-196

Radionuclide Production Cross Section
(n,d)



78-Pt-195g
78-Pt-195m5

79-Au-196

Incident Energy (MeV)

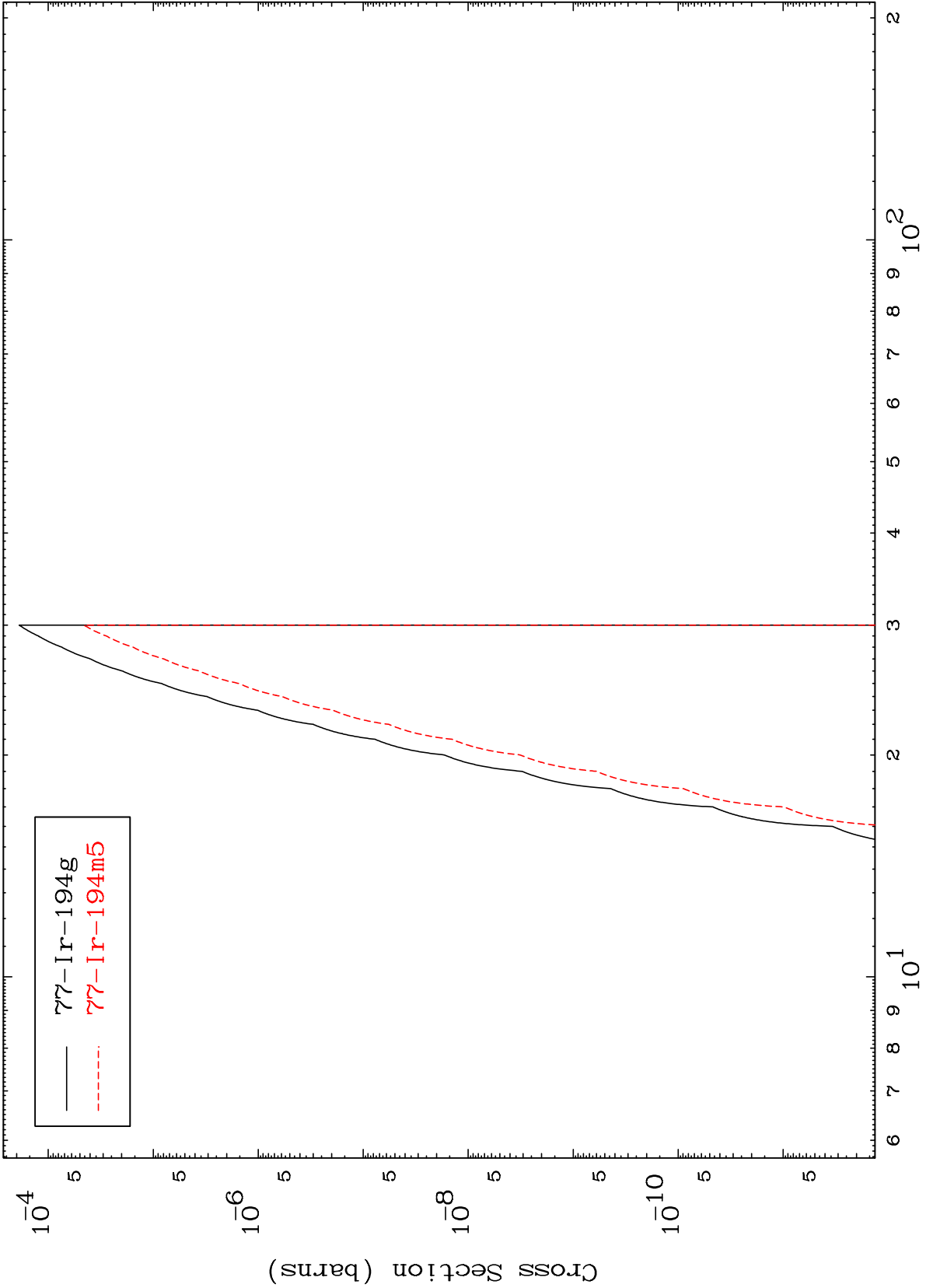
130

MAT 7922

(n,He-3)

79-Au-196

Radionuclide Production Cross Section



— $^{77}\text{Ir-194g}$
- - - $^{77}\text{Ir-194m5}$

131

Incident Energy (MeV)

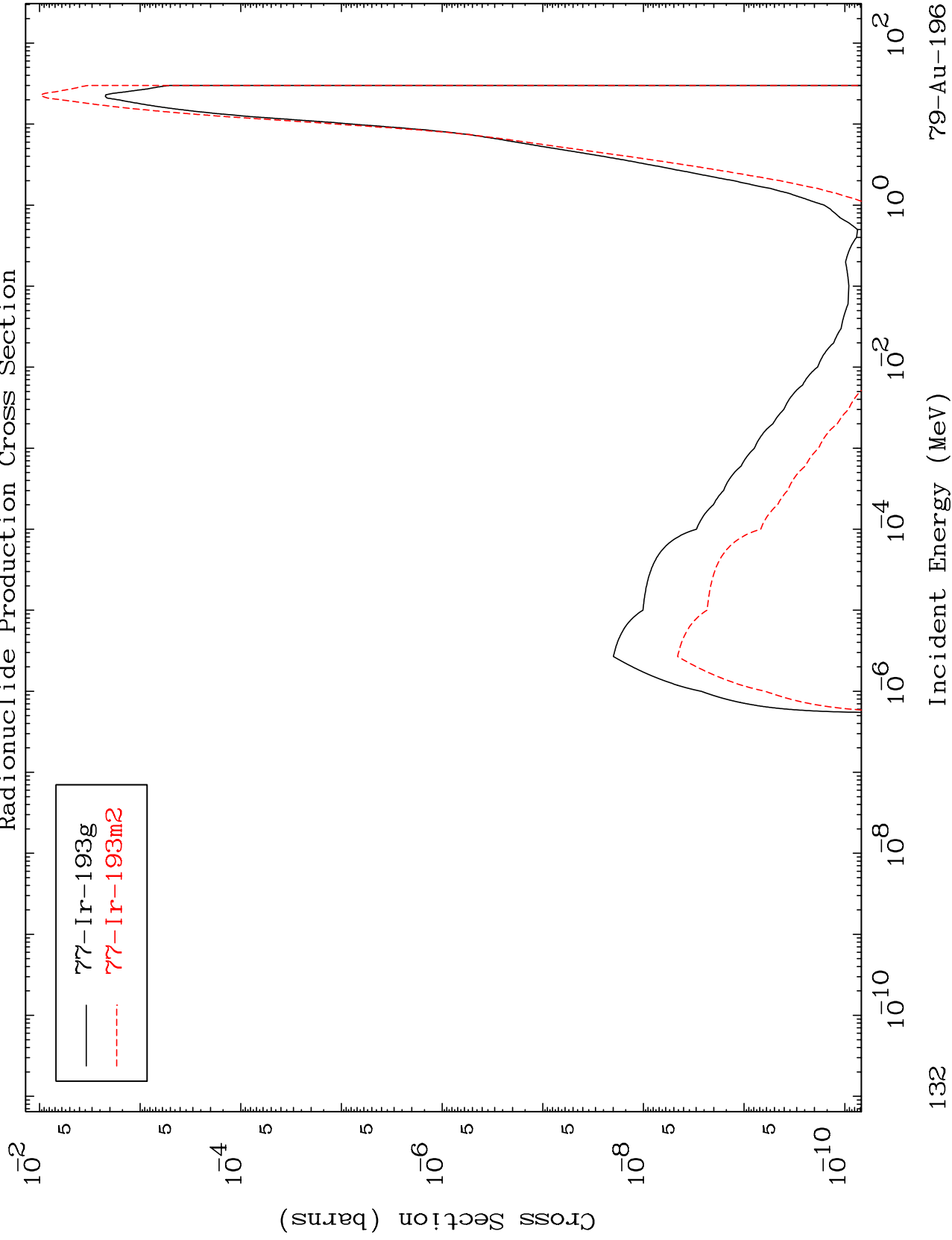
79-Au-196

MAT 7922

(n, α)

79-Au-196

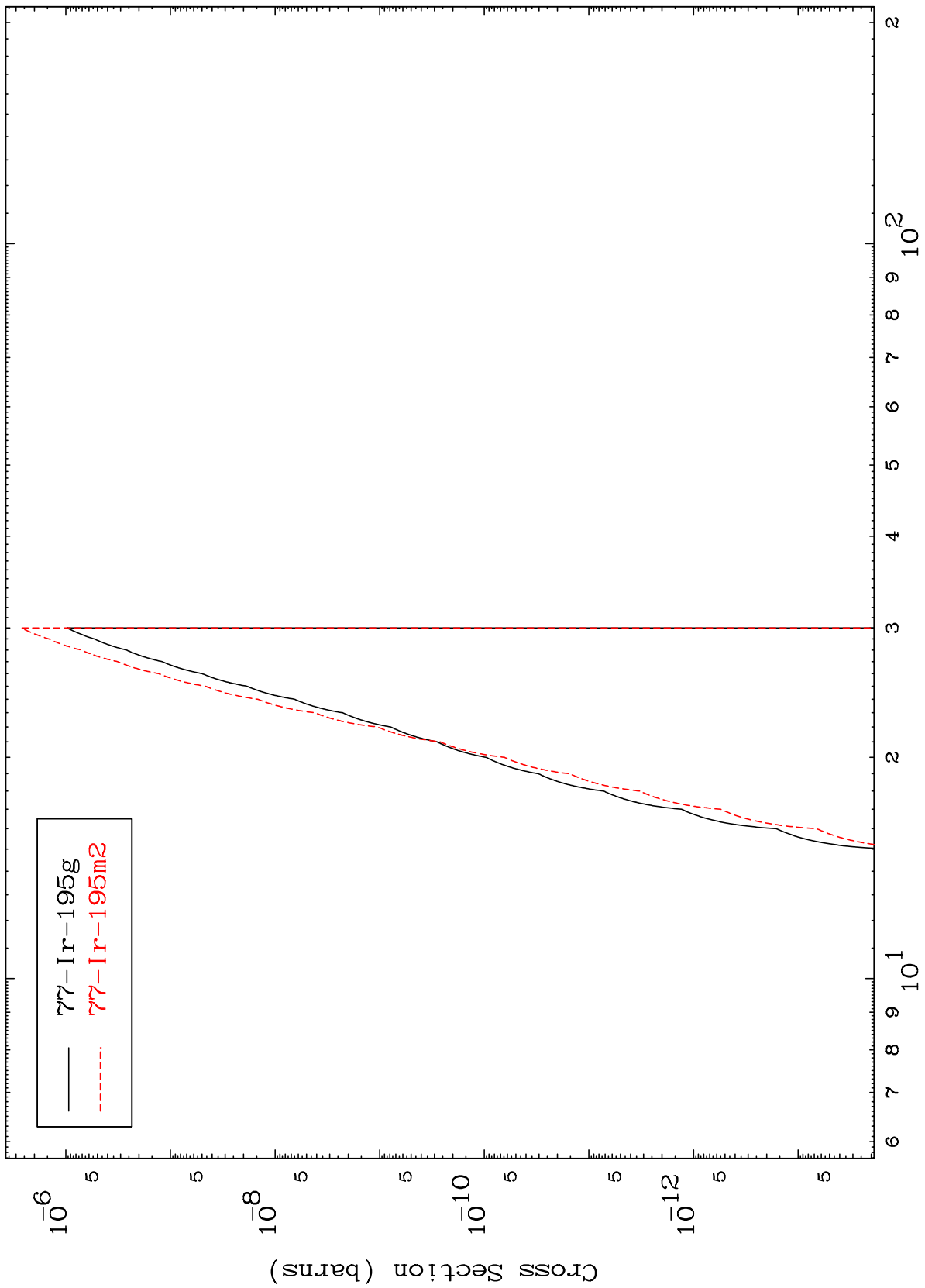
Radionuclide Production Cross Section



MAT 7922

79-Au-196

(n,2p)
Radionuclide Production Cross Section



133

Incident Energy (MeV)

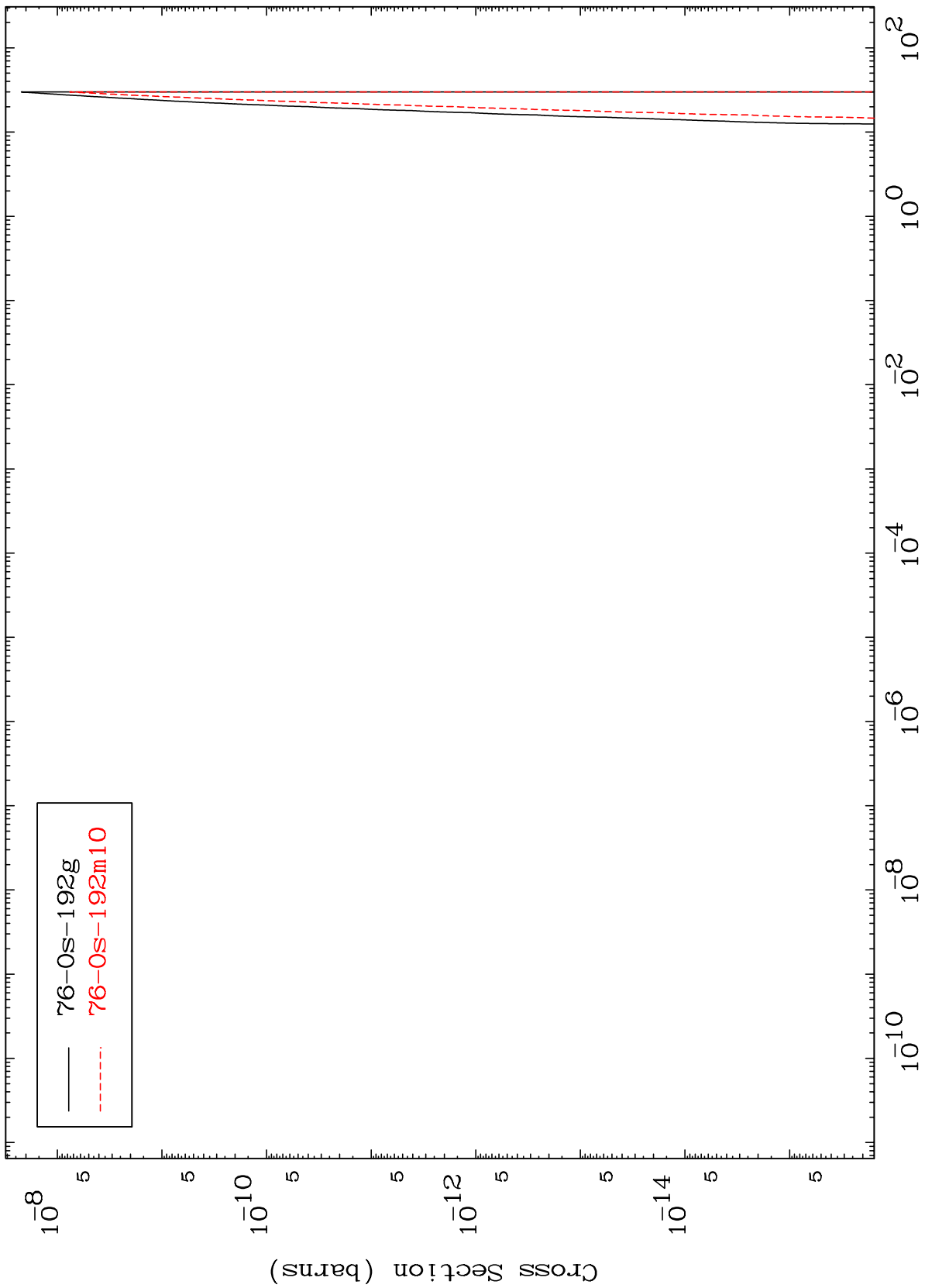
79-Au-196

MAT 7922

(n,p) α

79-Au-196

Radionuclide Production Cross Section



134

Incident Energy (MeV)

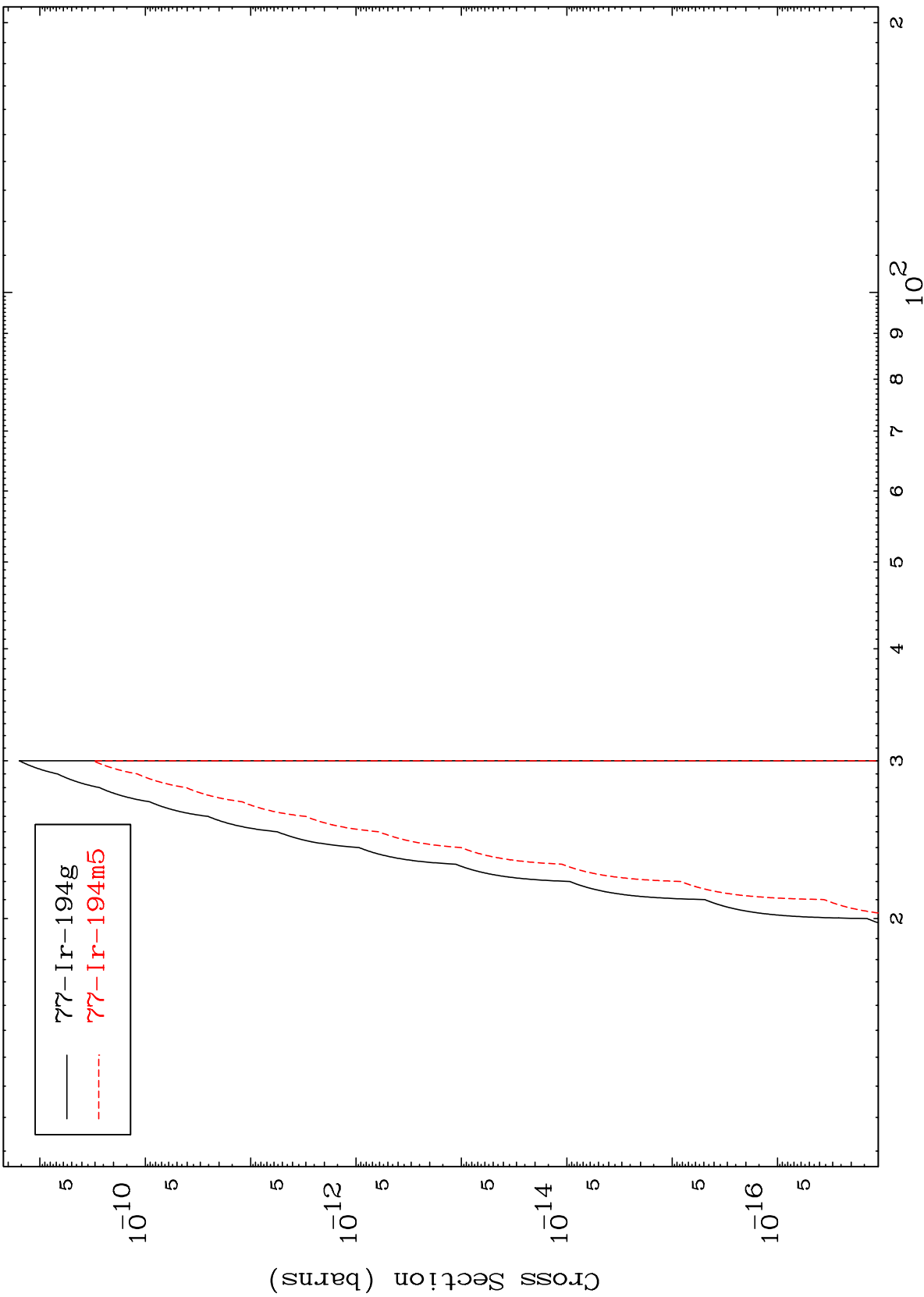
79-Au-196

MAT 7922

(n,p) d

79-Au-196

Radionuclide Production Cross Section



135

Incident Energy (MeV)

79-Au-196

Radionuclide Production Cross Section

