

Program EVALPLOT
(Version 2021-1)

by

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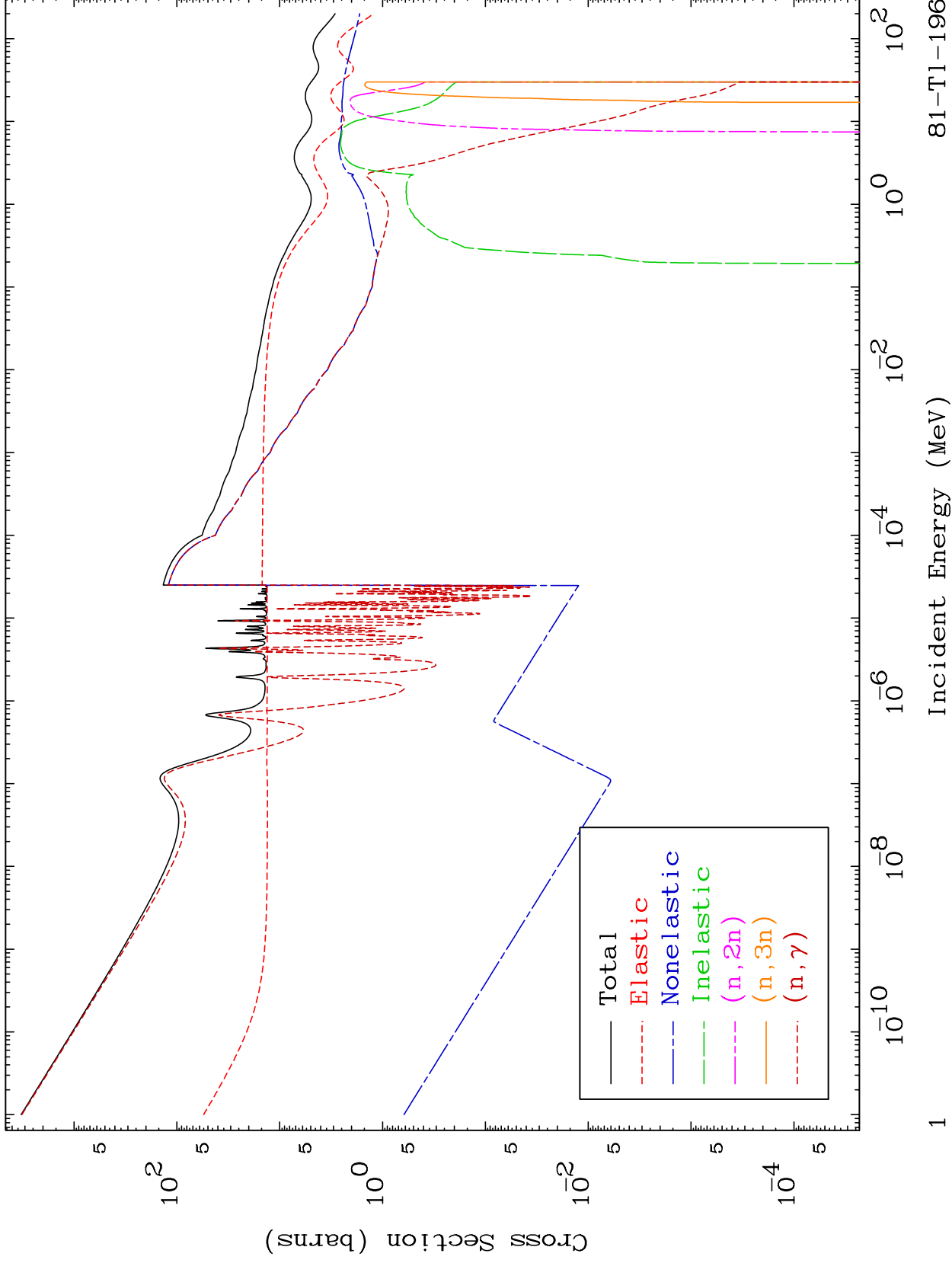
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Press Mouse Button to Start

MAT 8104

Neutron Major
293 Kelvin Cross Sections

81-Tl-196

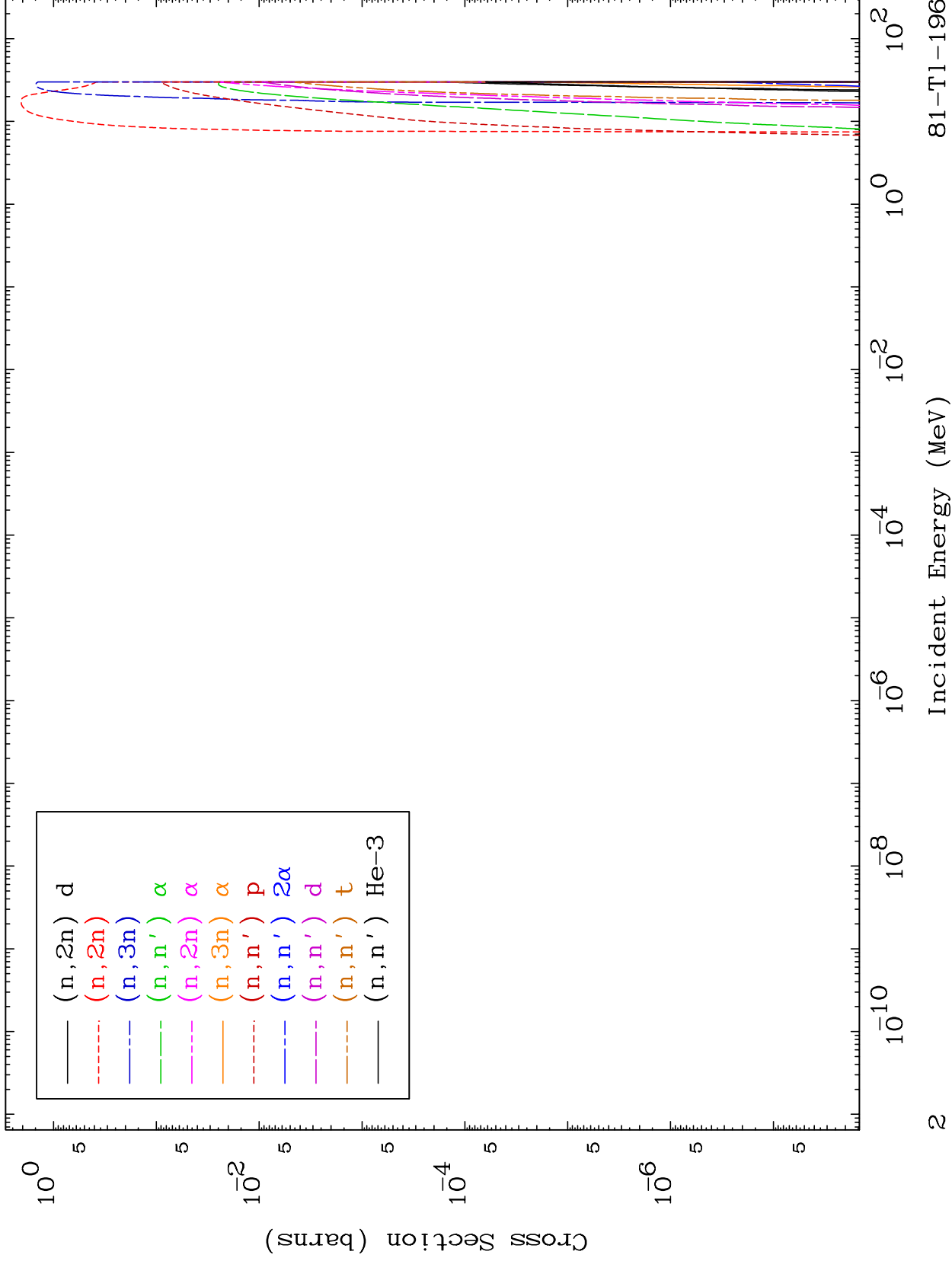


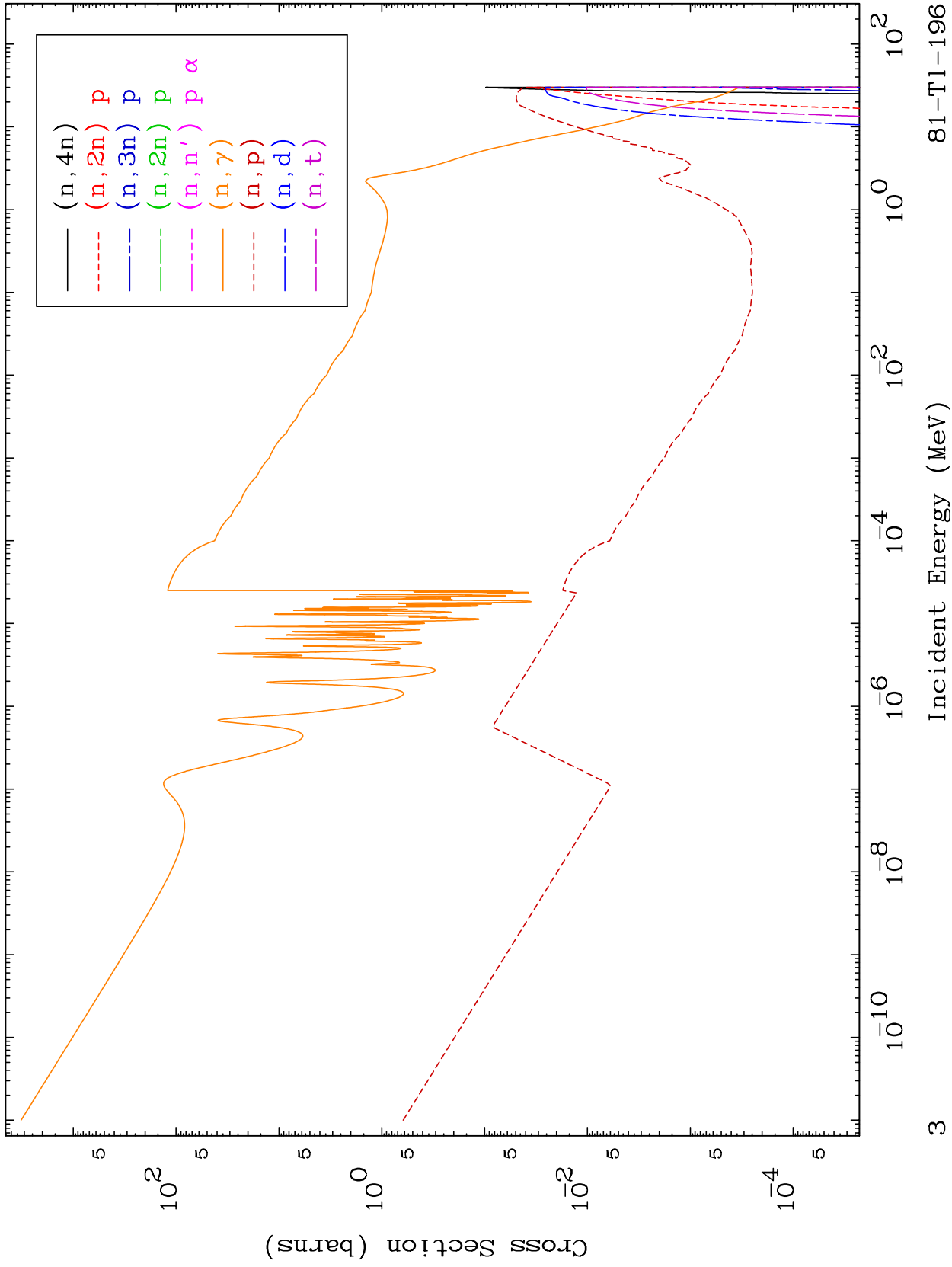
81-Tl-196

MAT 8104

Neutron Absorption
293 Kelvin Cross Sections

81-Tl-196

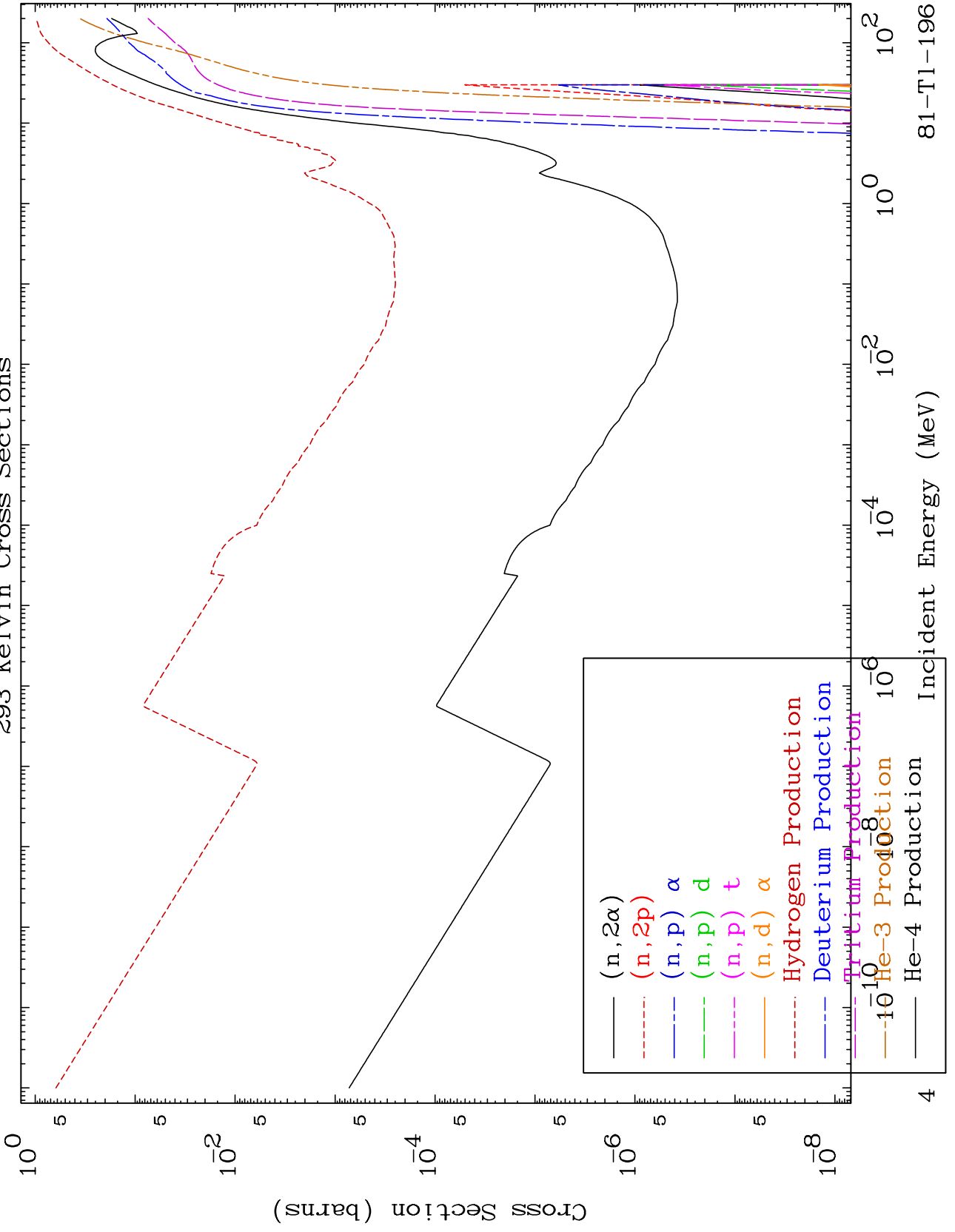




MAT 8104

Neutron Absorption
293 Kelvin Cross Sections

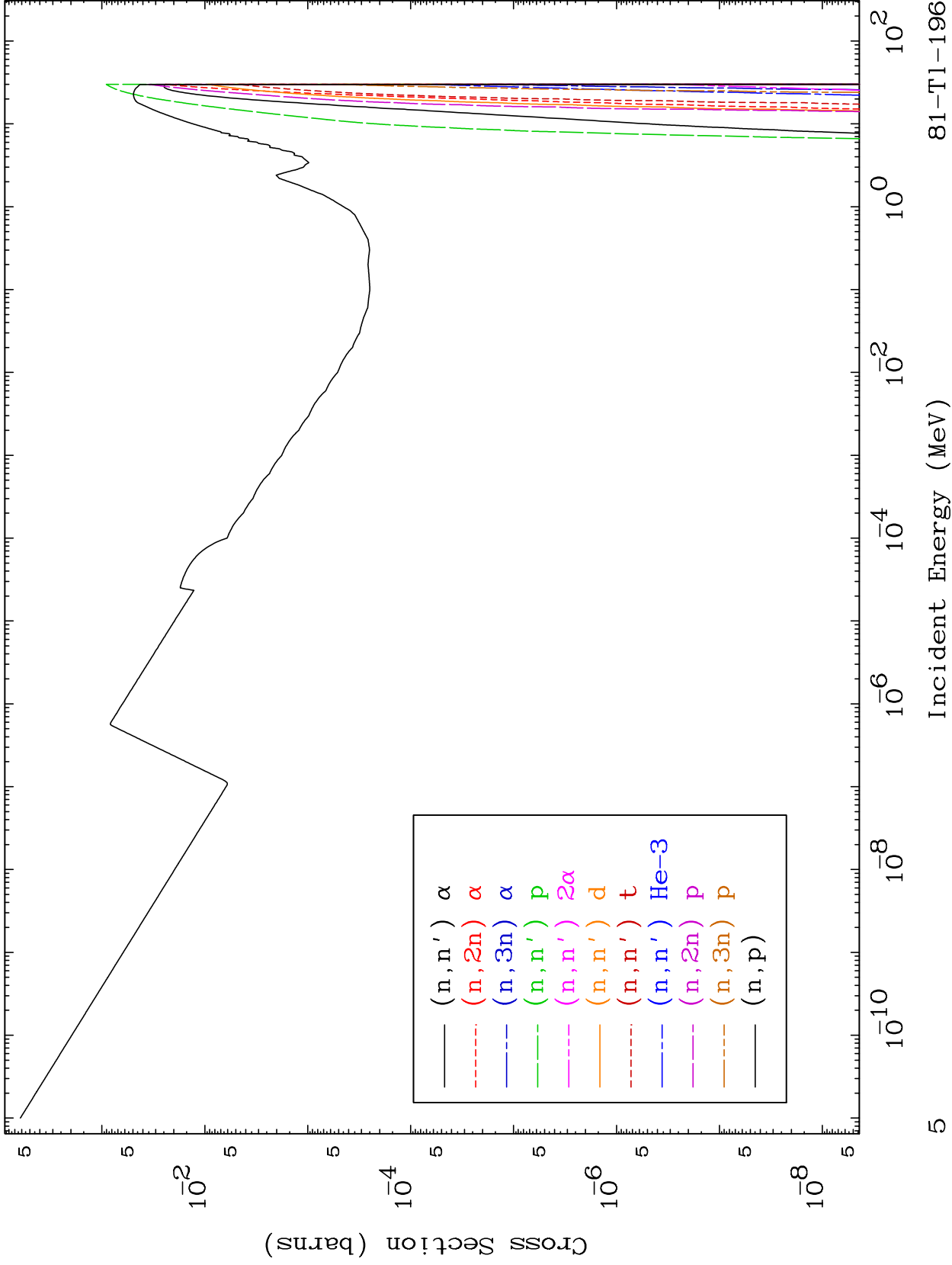
81-Tl-196



MAT 8104

Charged Particle
293 Kelvin Cross Sections

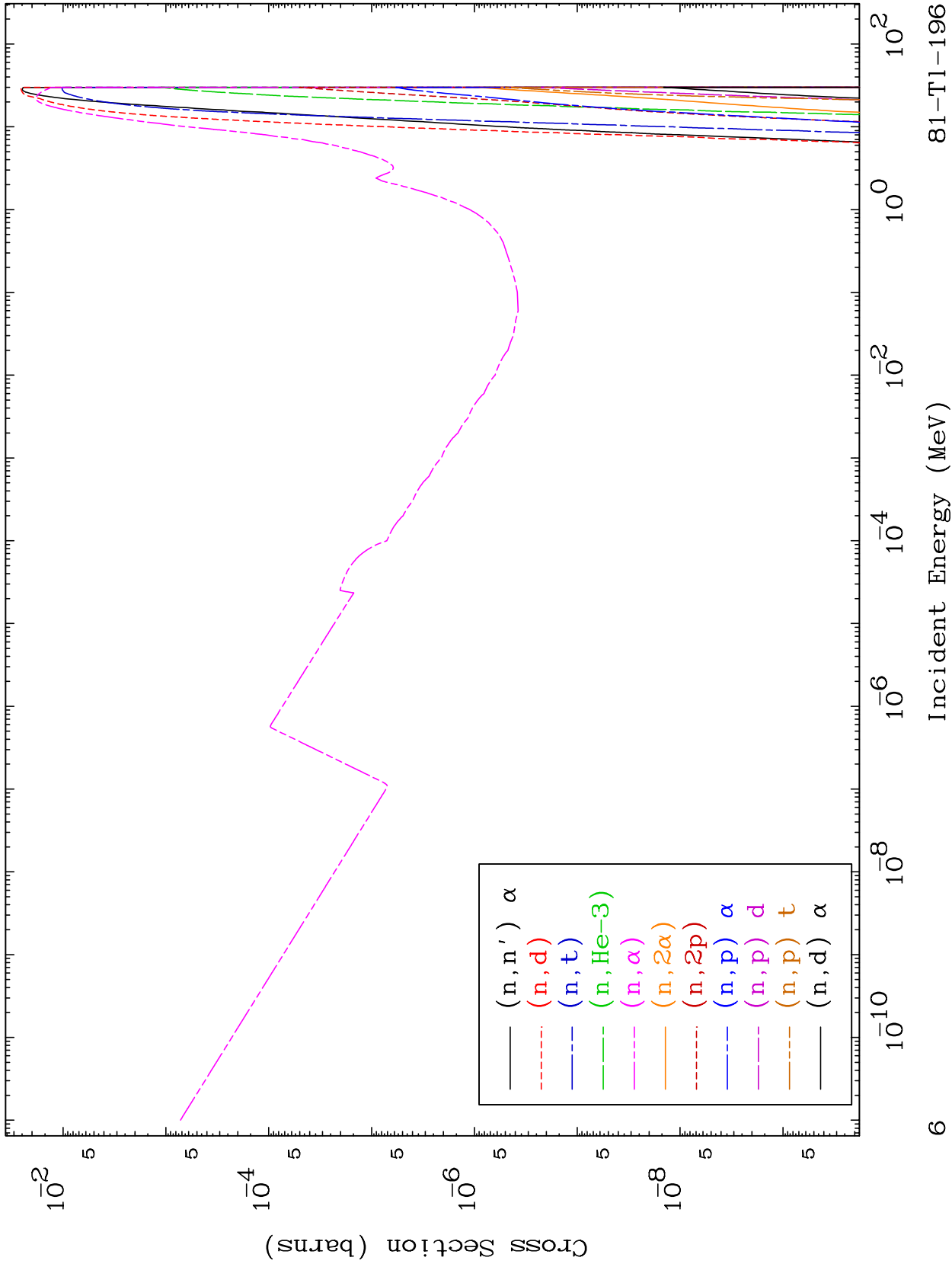
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MAT 8104

Charged Particle
293 Kelvin Cross Sections

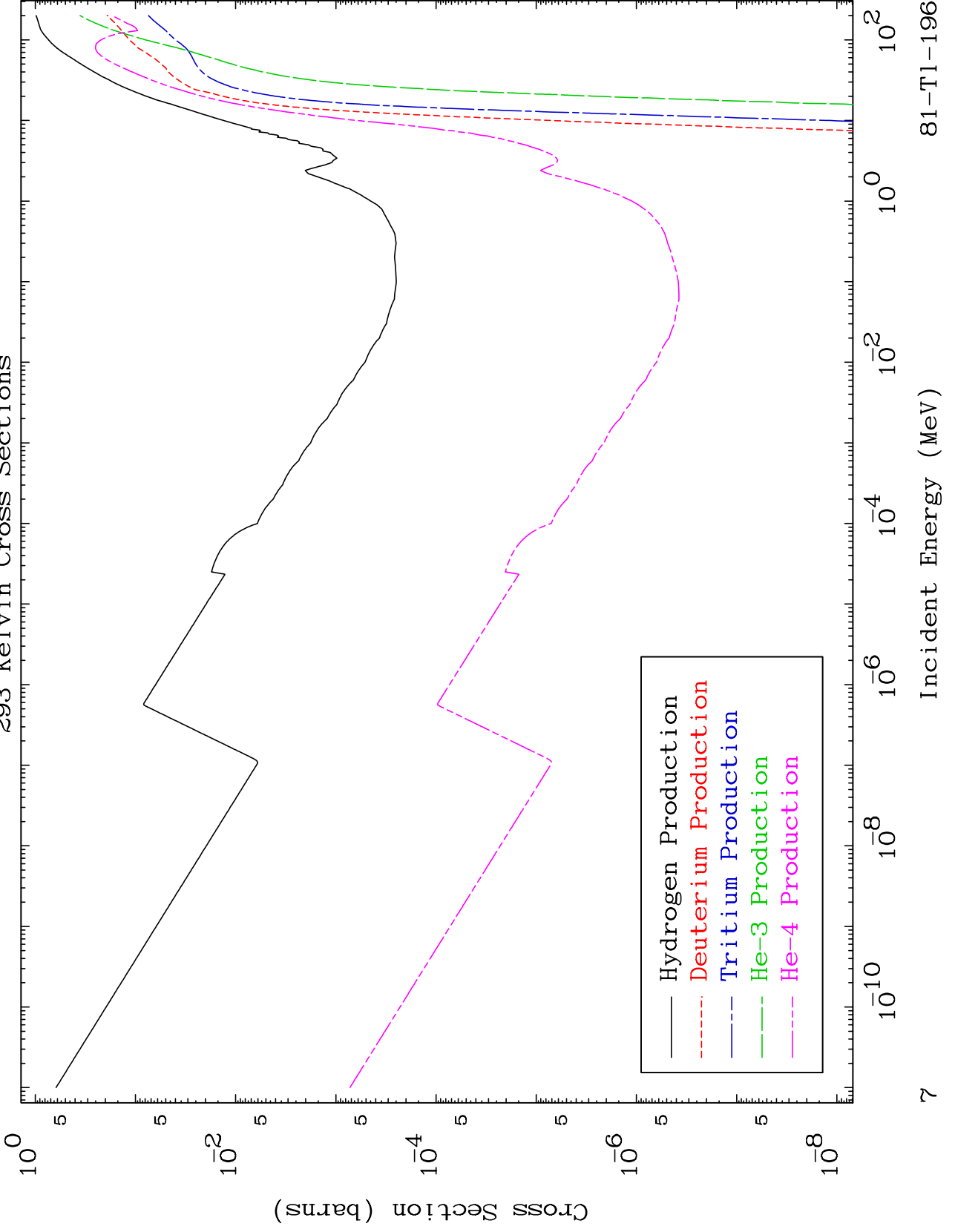
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MAT 8104

Particle Production
293 Kelvin Cross Sections

81-Tl-196

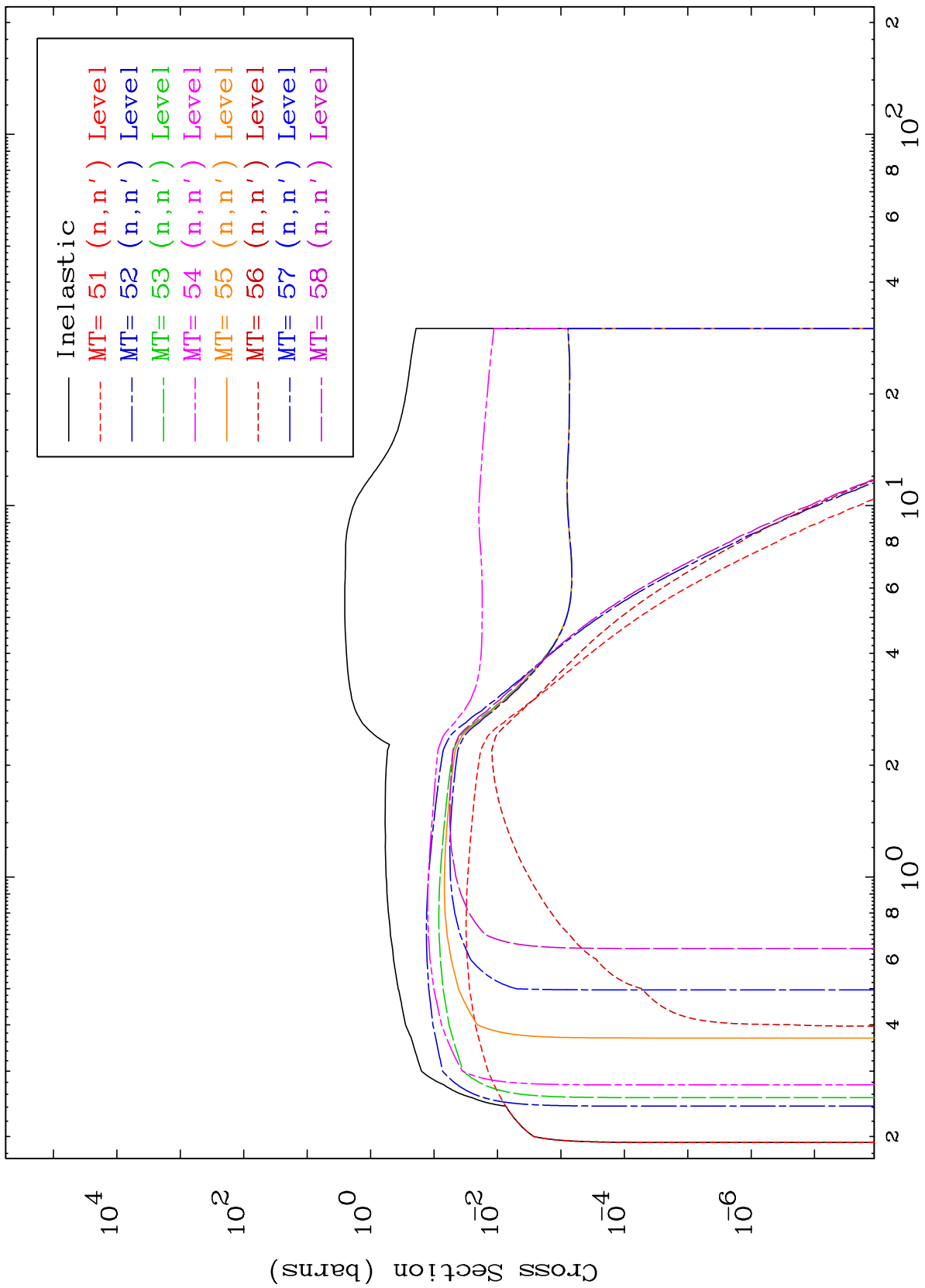


MAT 8104

(n,n') Levels

81-Tl-196

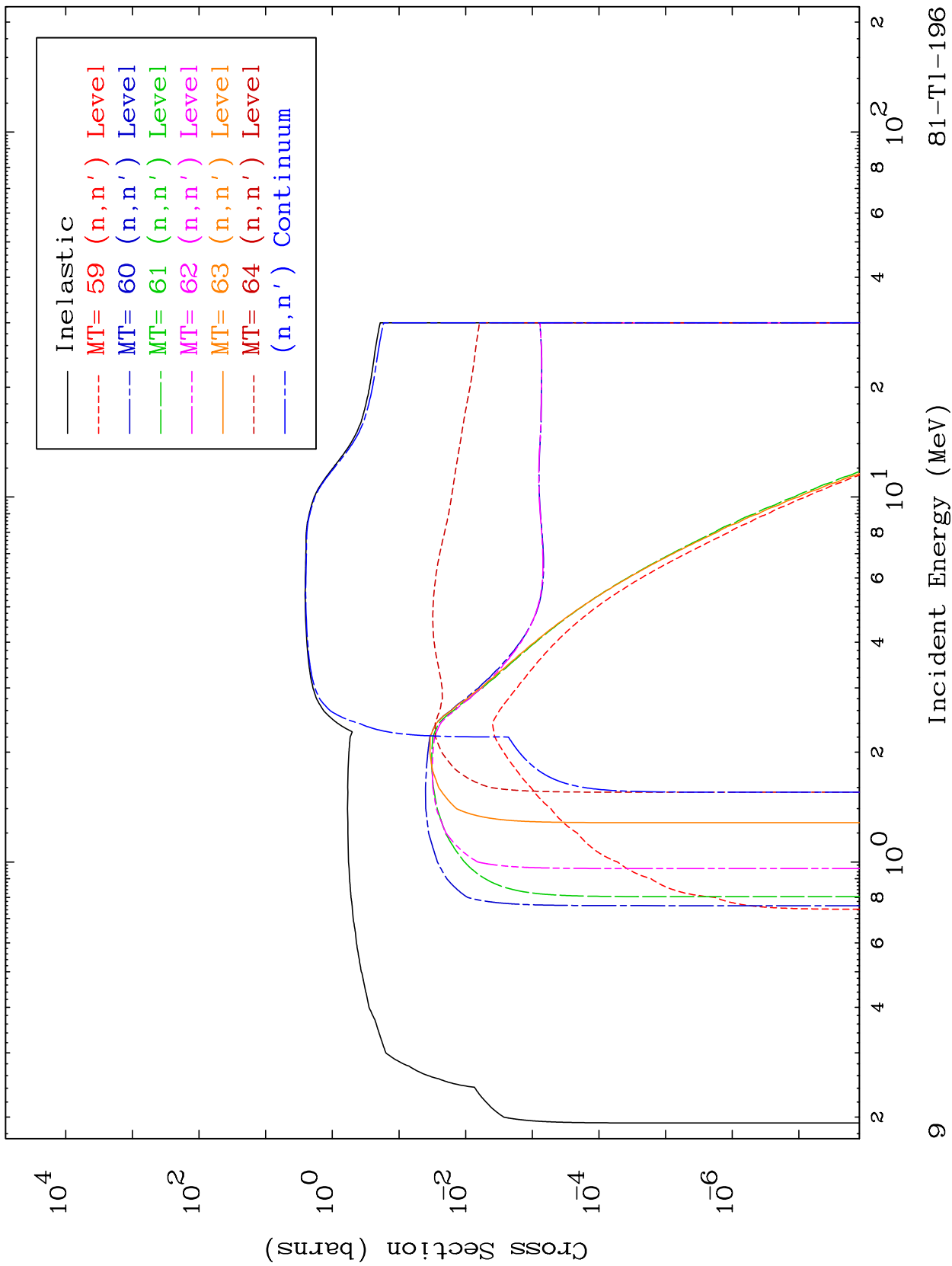
293 Kelvin Cross Sections



8

Incident Energy (MeV)

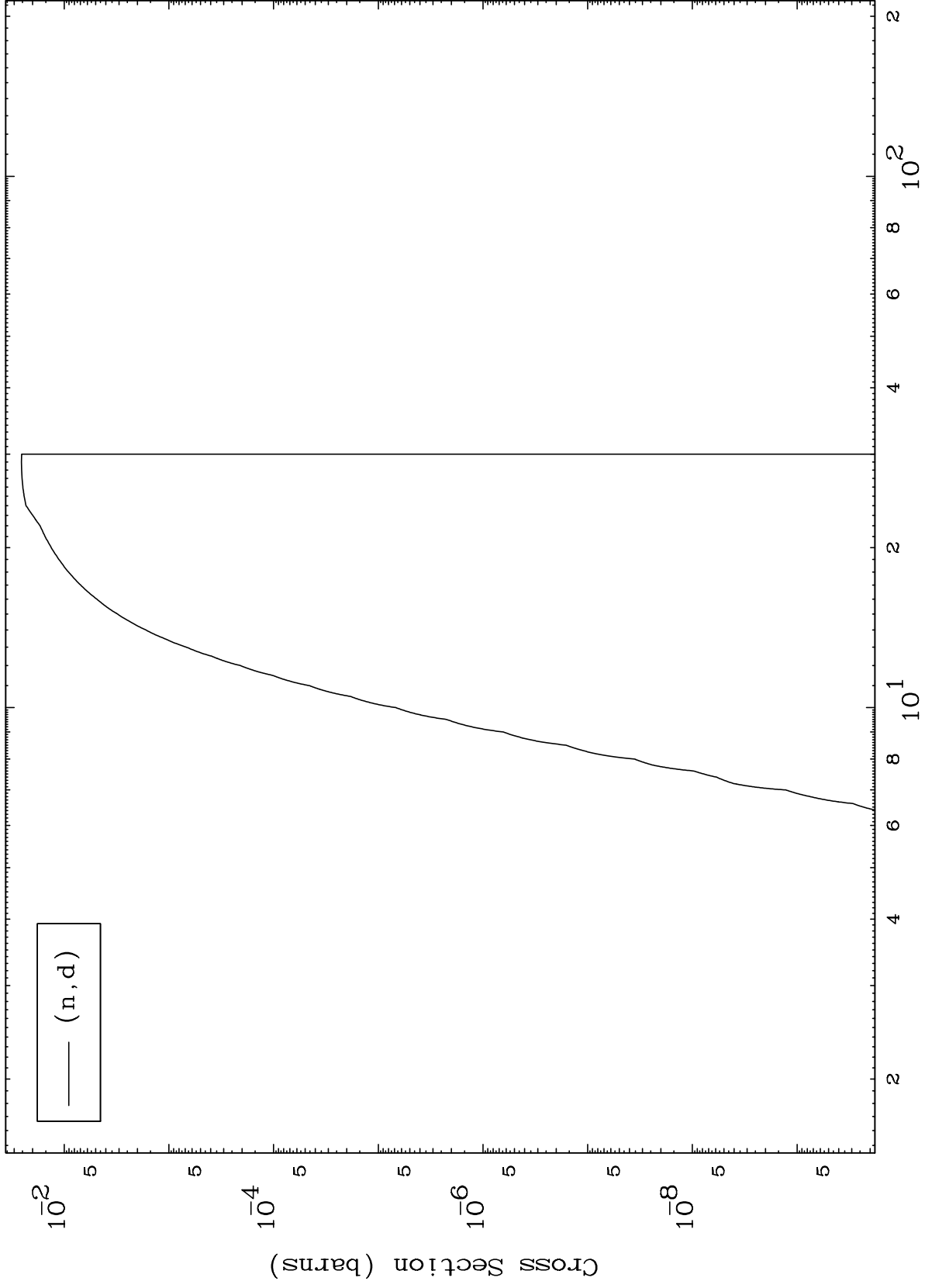
81-Tl-196



MAT 8104

(n,d) Levels
293 Kelvin Cross Sections

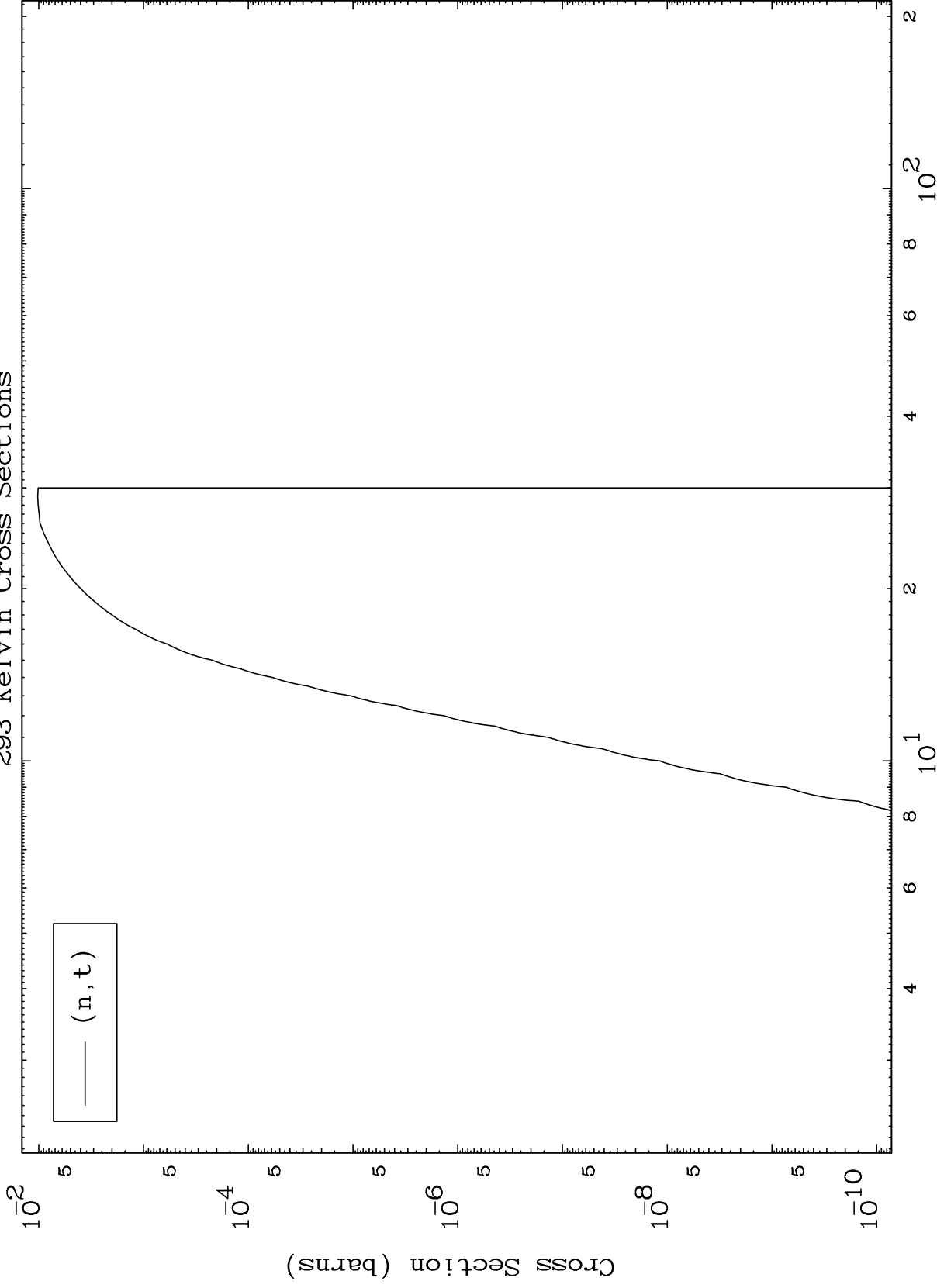
81-Tl-196



MAT 8104

(n,t) Levels
293 Kelvin Cross Sections

81-T1-196



12

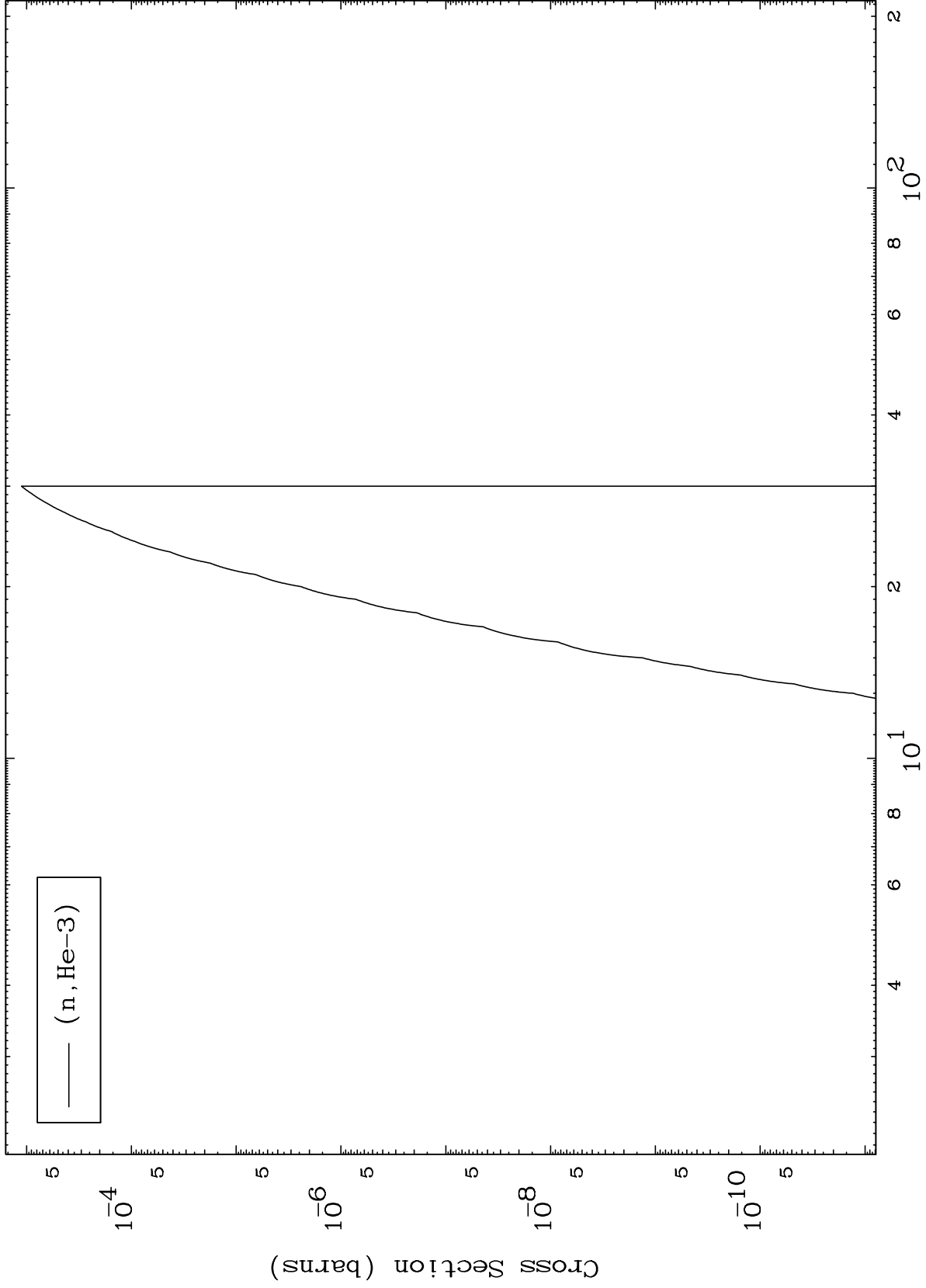
Incident Energy (MeV)

81-T1-196

MAT 8104

(n,He3) Levels
293 Kelvin Cross Sections

81-T1-196



13

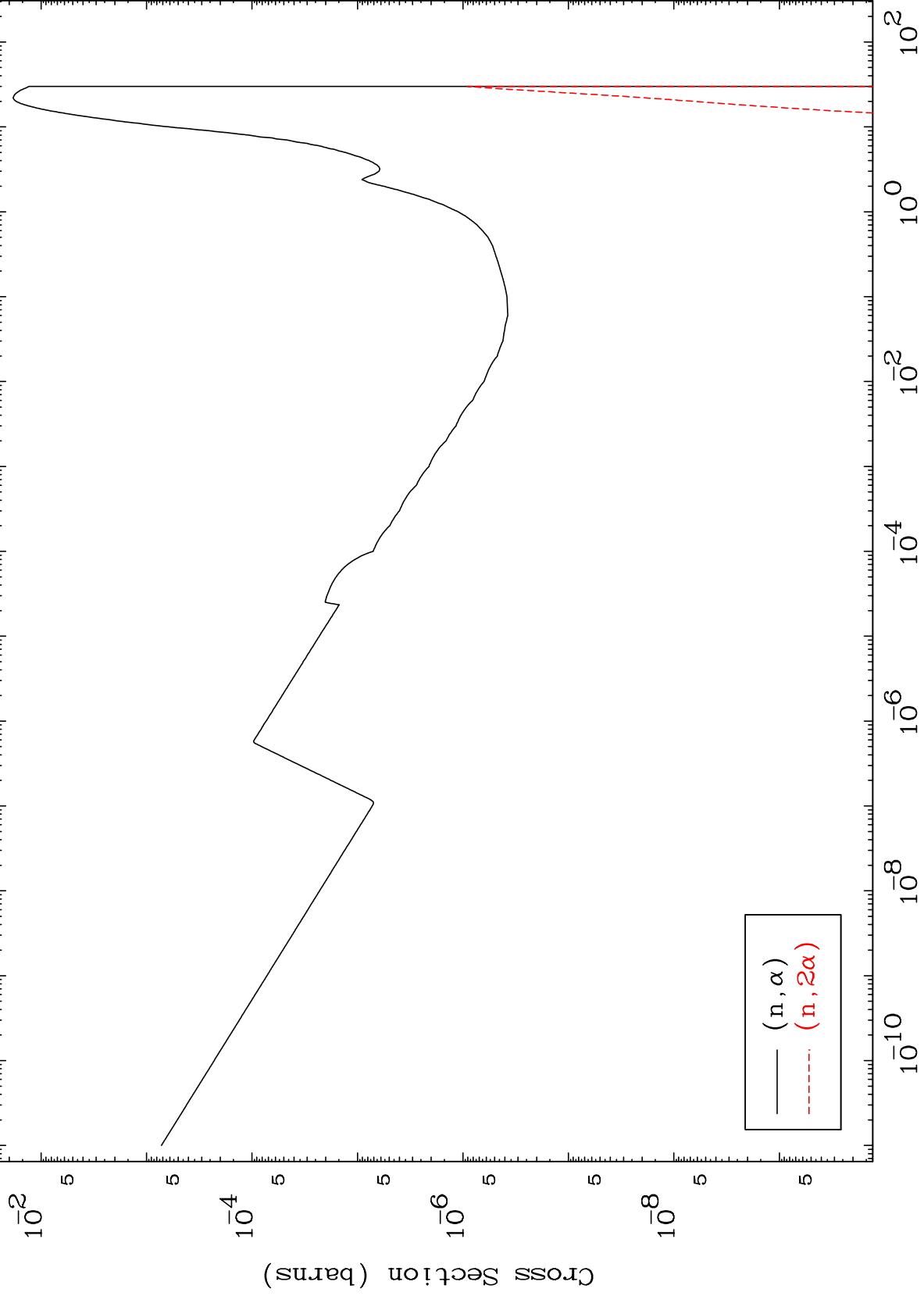
Incident Energy (MeV)

81-T1-196

MAT 8104

(n,α) Levels
293 Kelvin Cross Sections

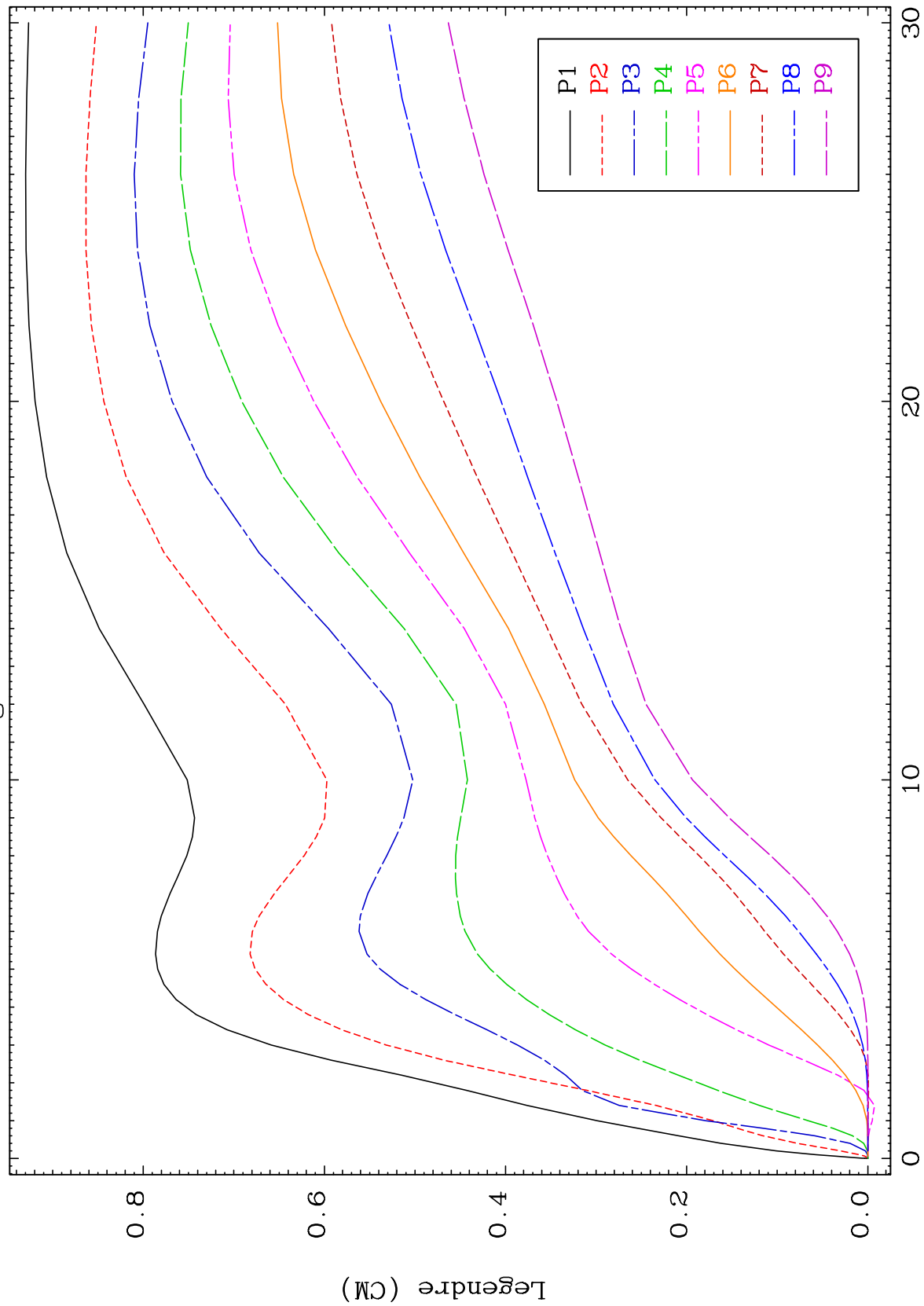
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MAT 8104

Elastic Legendre Coefficients

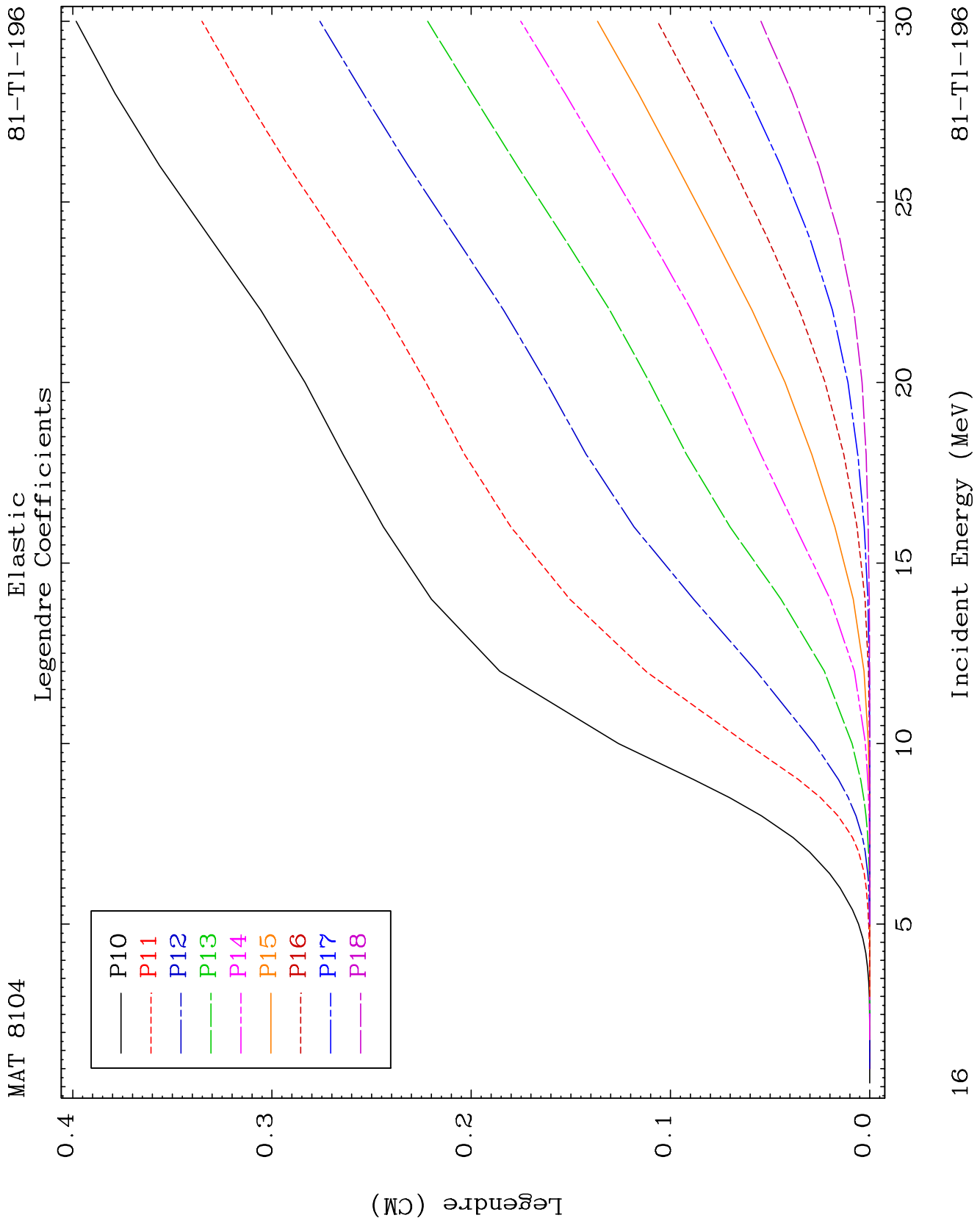
81-Tl-196



15

Incident Energy (MeV)

81-Tl-196



MAT 8104

Elastic Legendre Coefficients

81-Tl-196

16

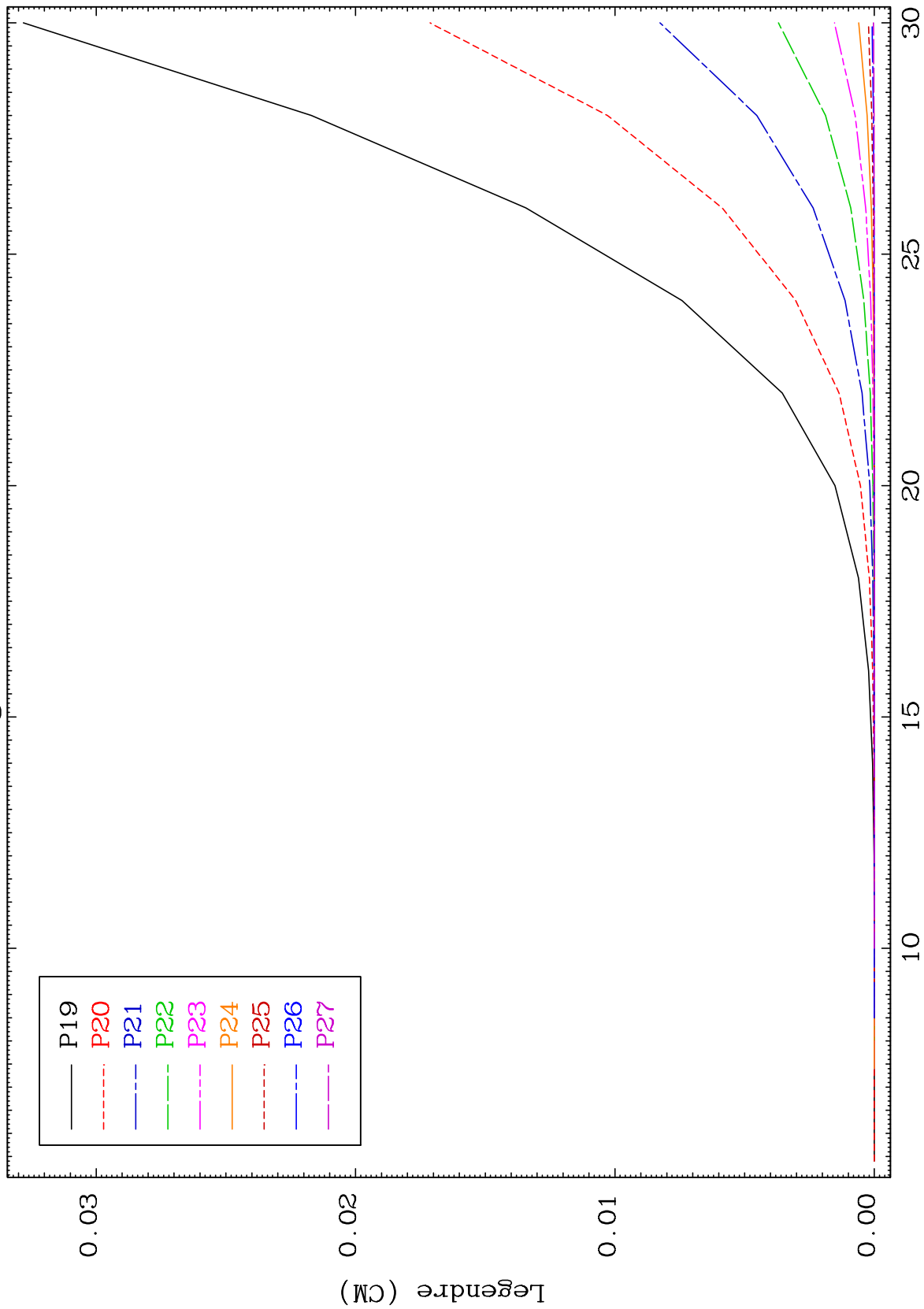
Incident Energy (MeV)

81-Tl-196

MAT 8104

Elastic Legendre Coefficients

81-T1-196



17

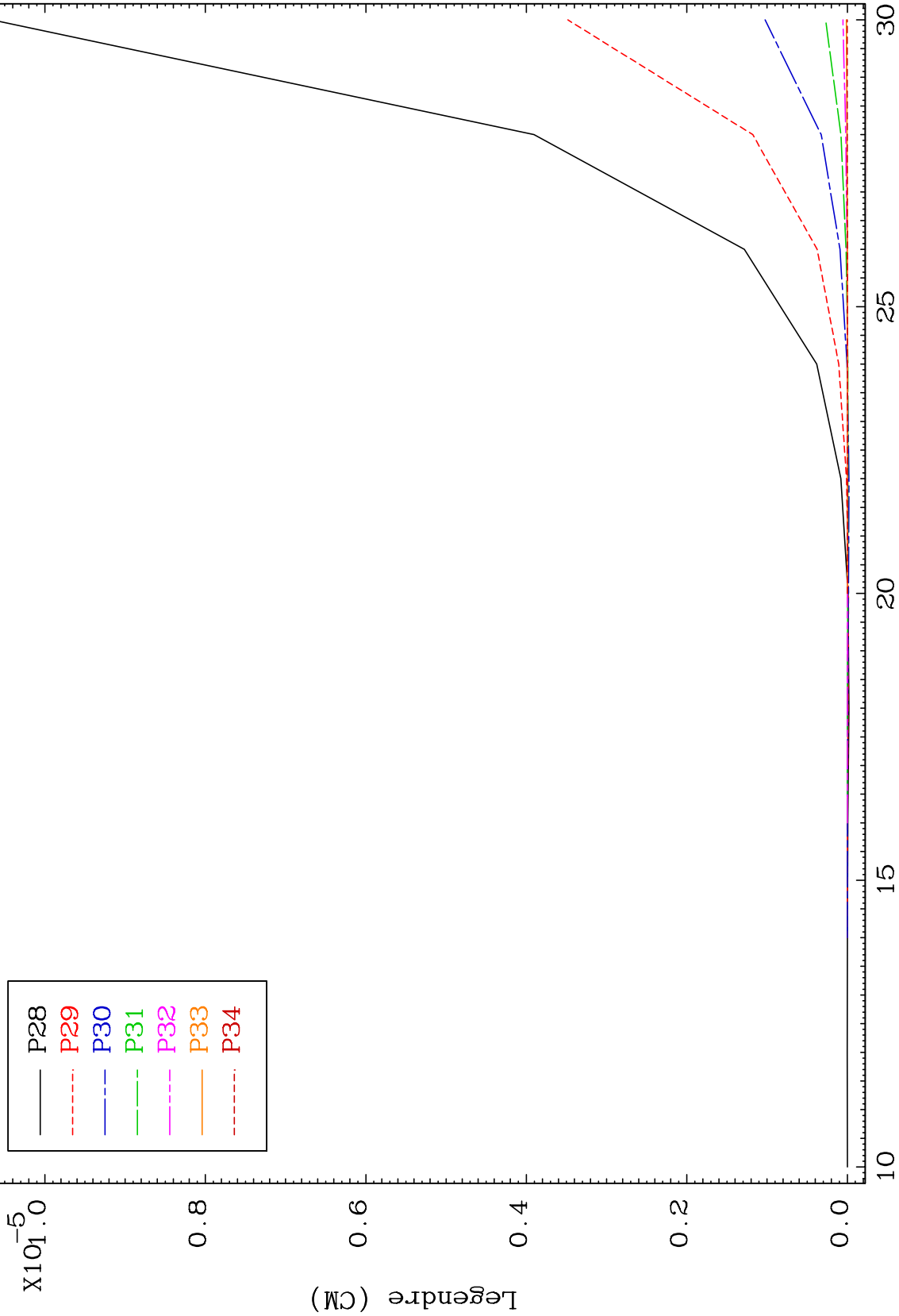
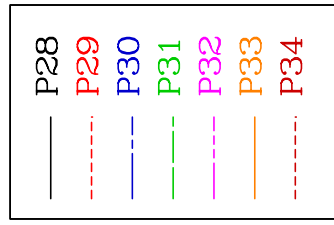
Incident Energy (MeV)

81-T1-196

MAT 8104

Elastic Legendre Coefficients

81-T1-196



81-T1-196

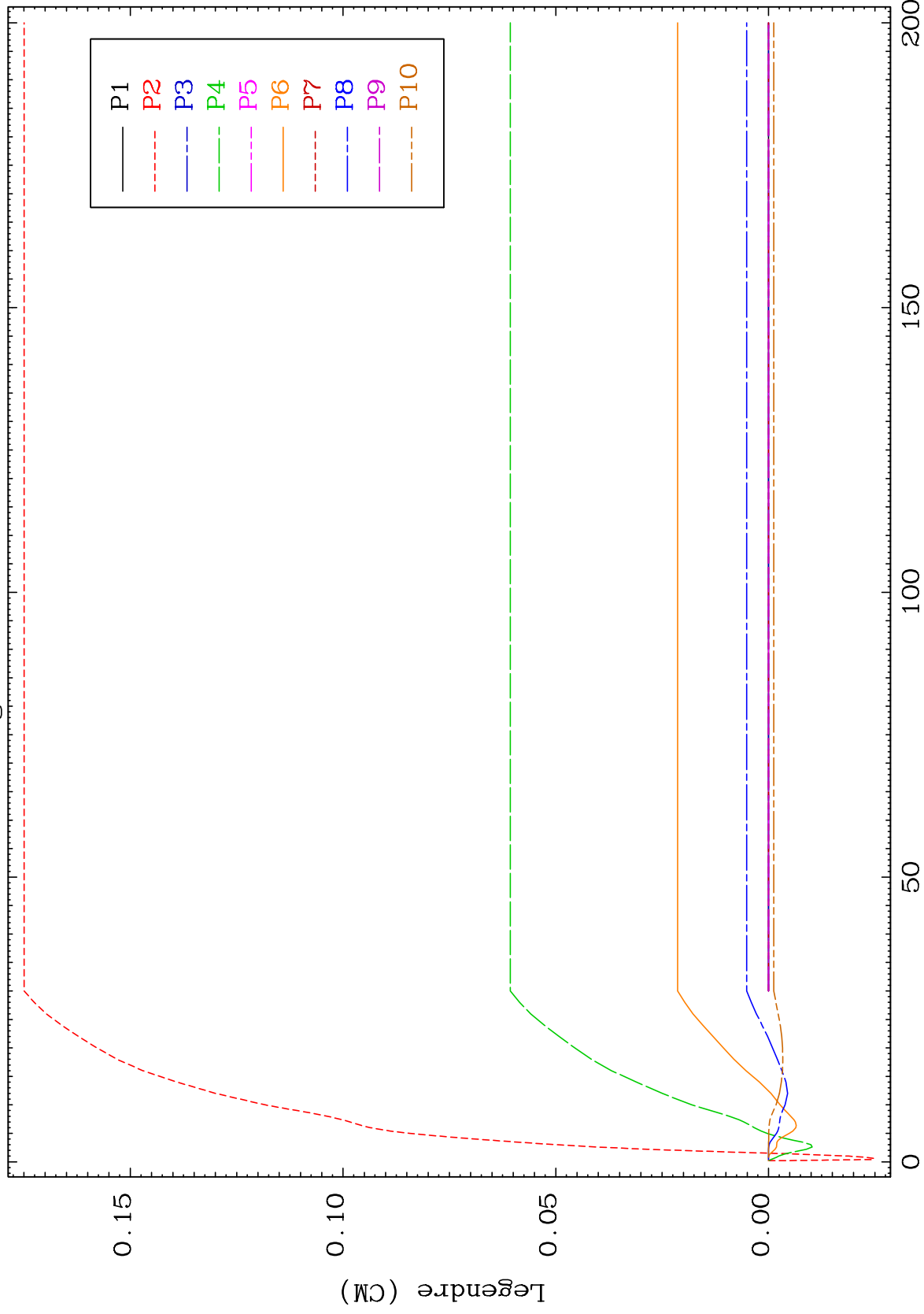
Incident Energy (MeV)

18

MAT 8104

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

81-T1-196



19

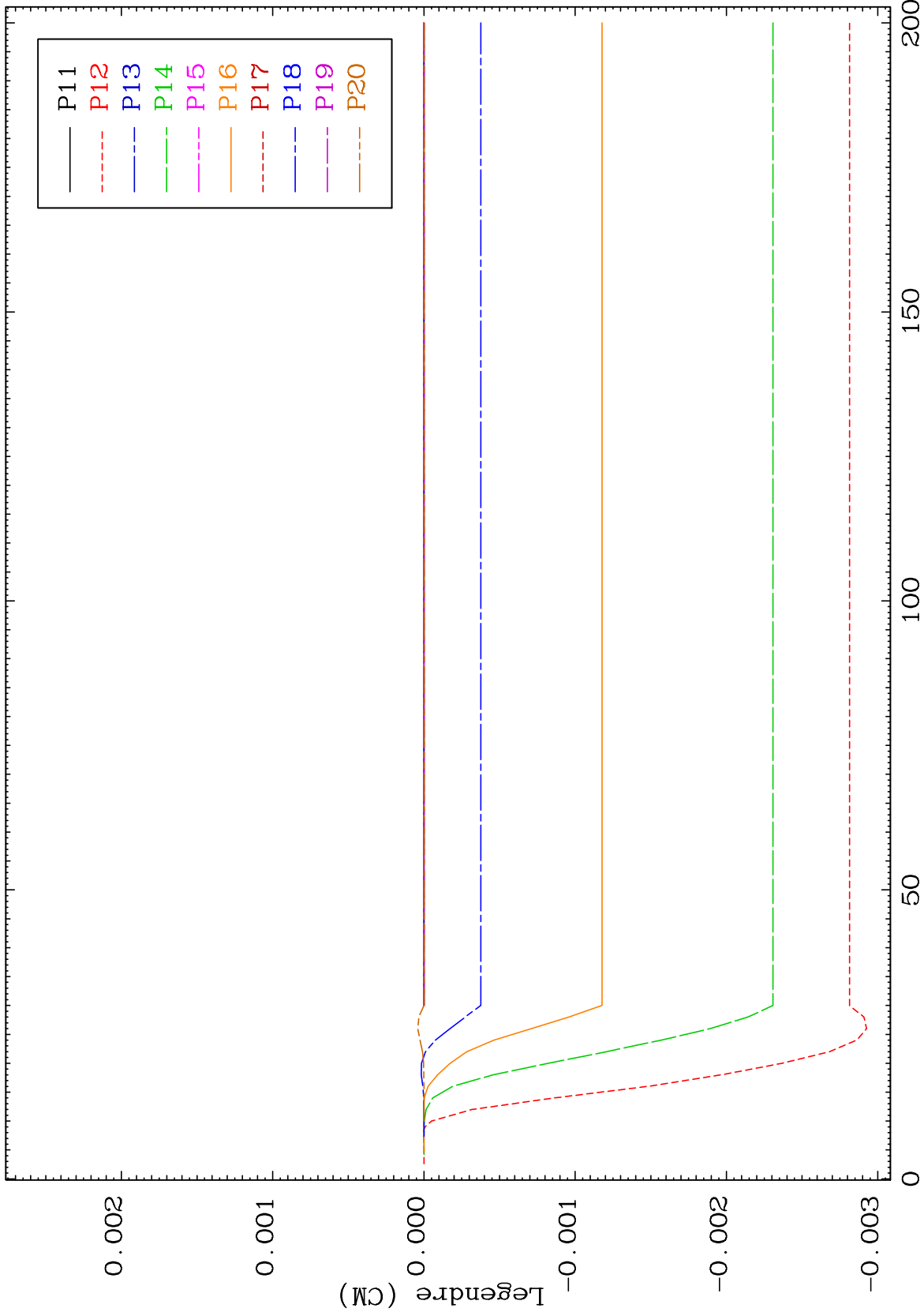
Incident Energy (MeV)

81-T1-196

MAT 8104

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

81-T1-196



20

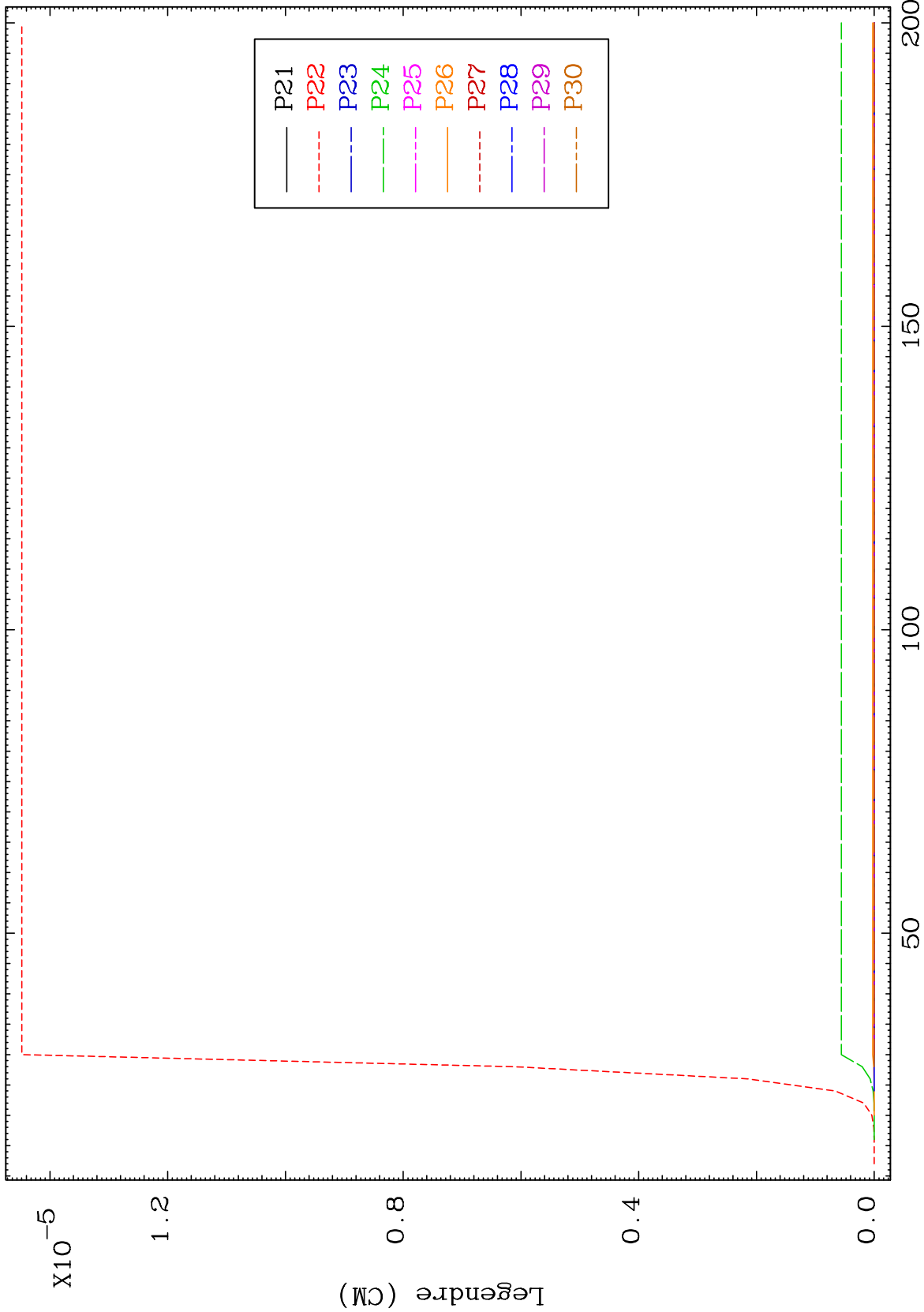
Incident Energy (MeV)

81-T1-196

MAT 8104

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

81-T1-196



21

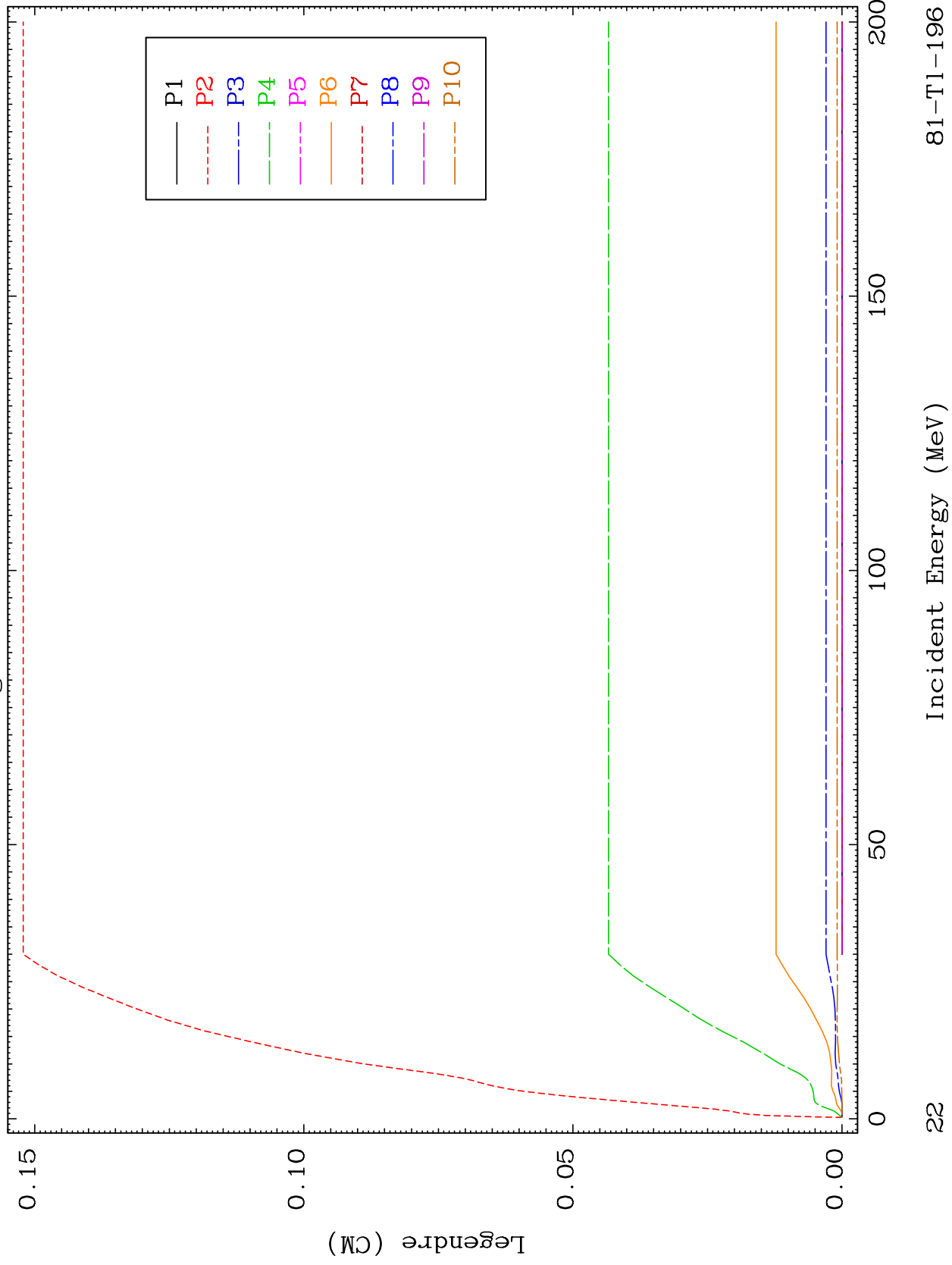
Incident Energy (MeV)

81-T1-196

MAT 8104

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

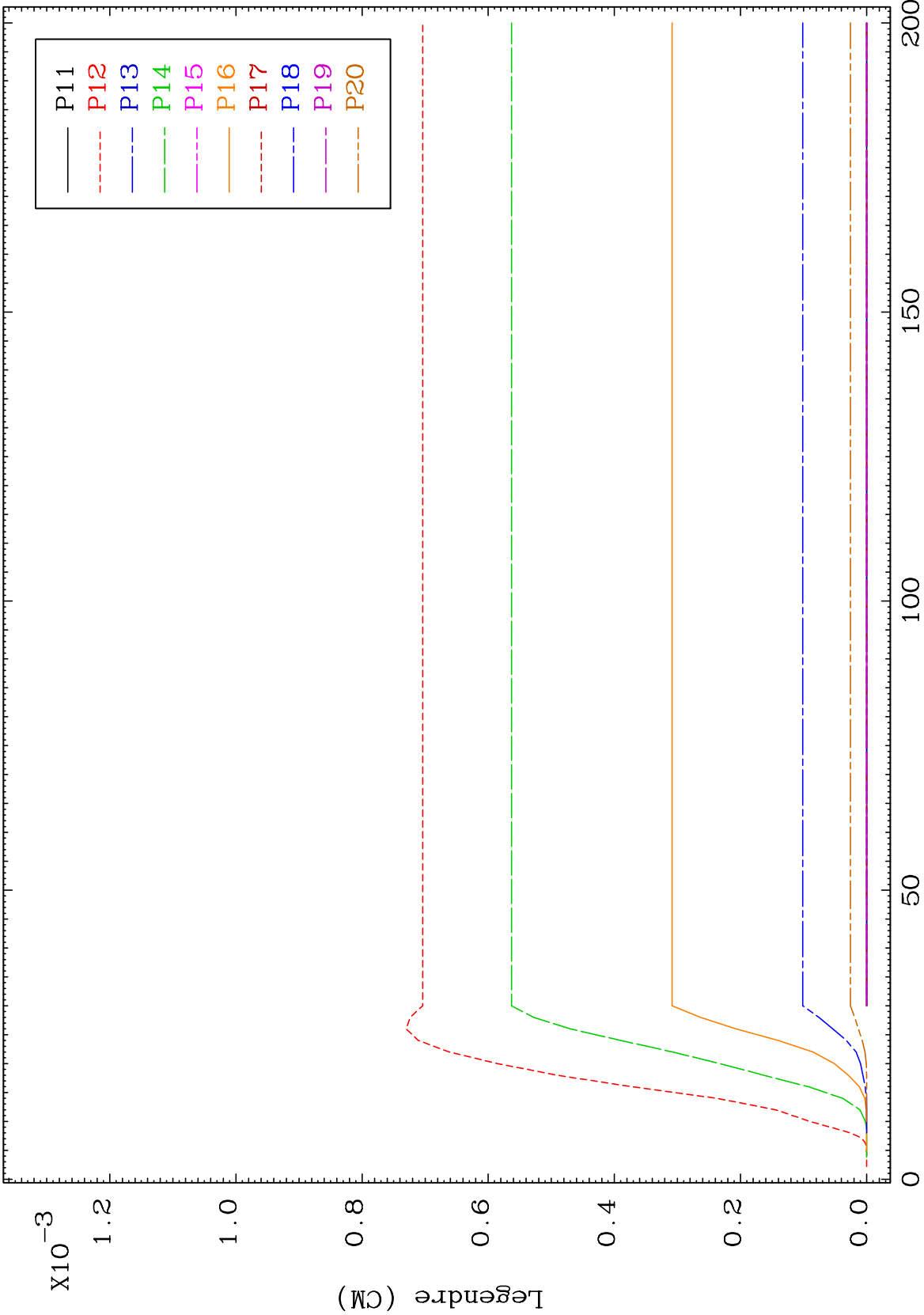
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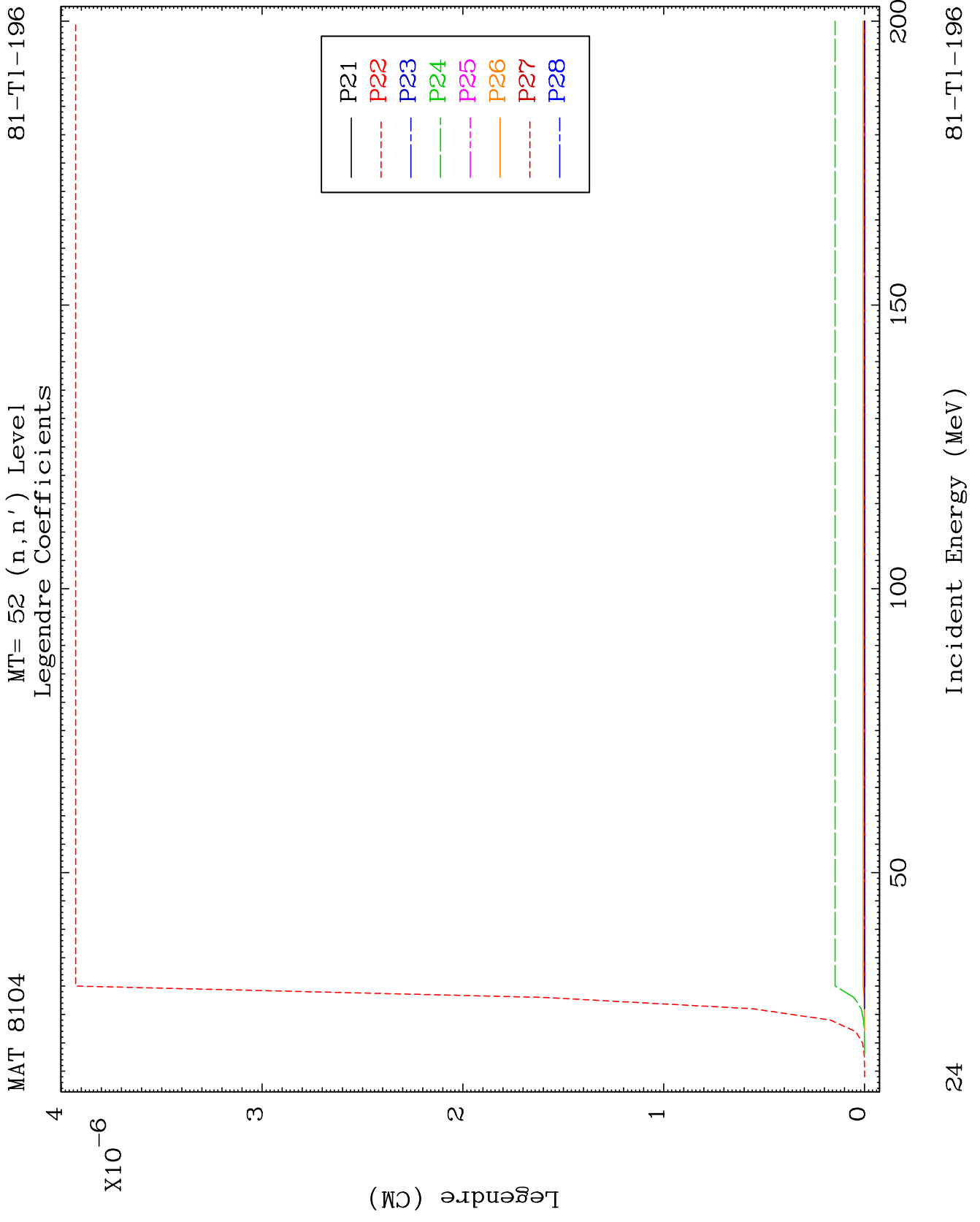


81-Tl-196

Incident Energy (MeV)

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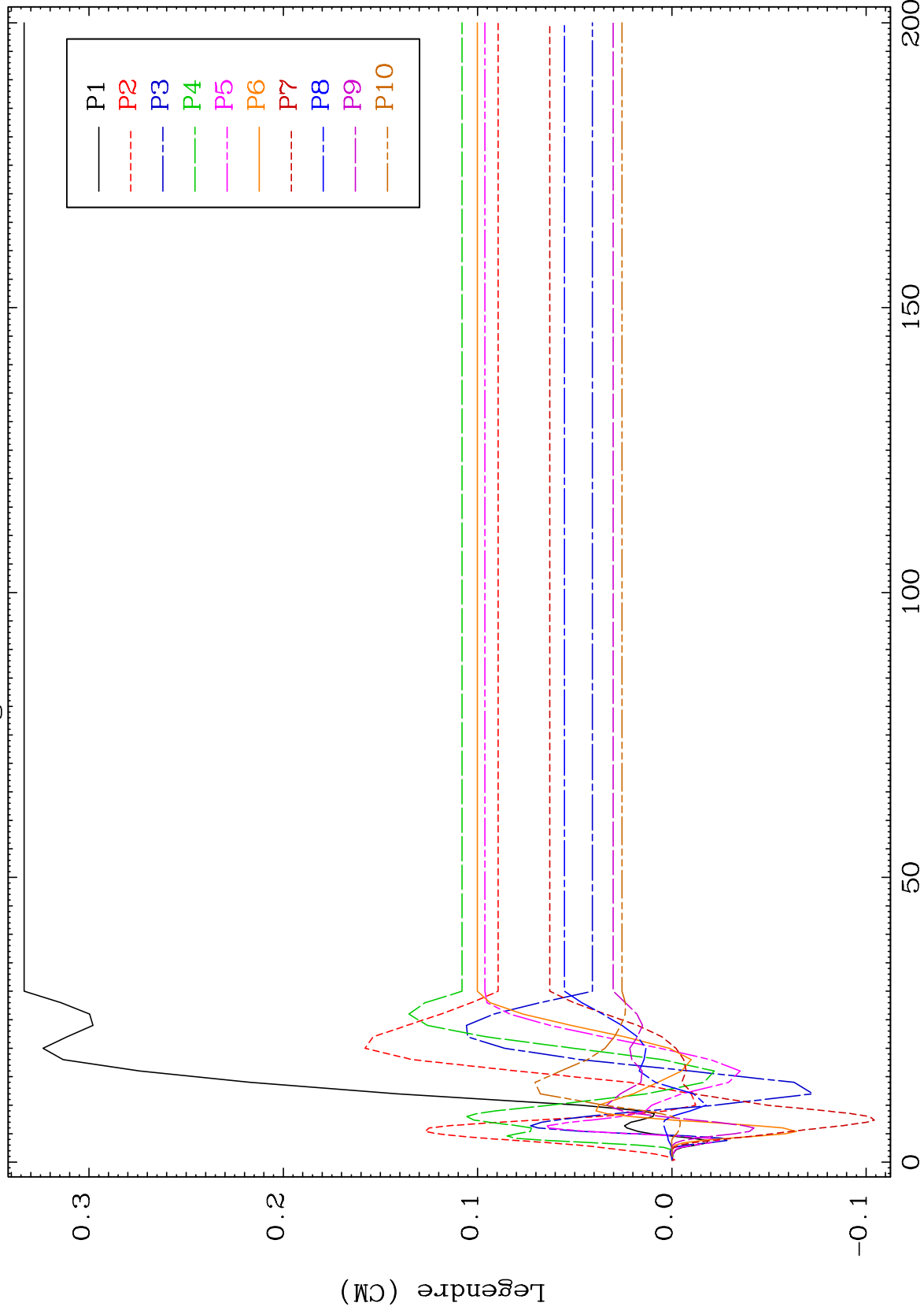




MAT 8104

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

81-Tl-196



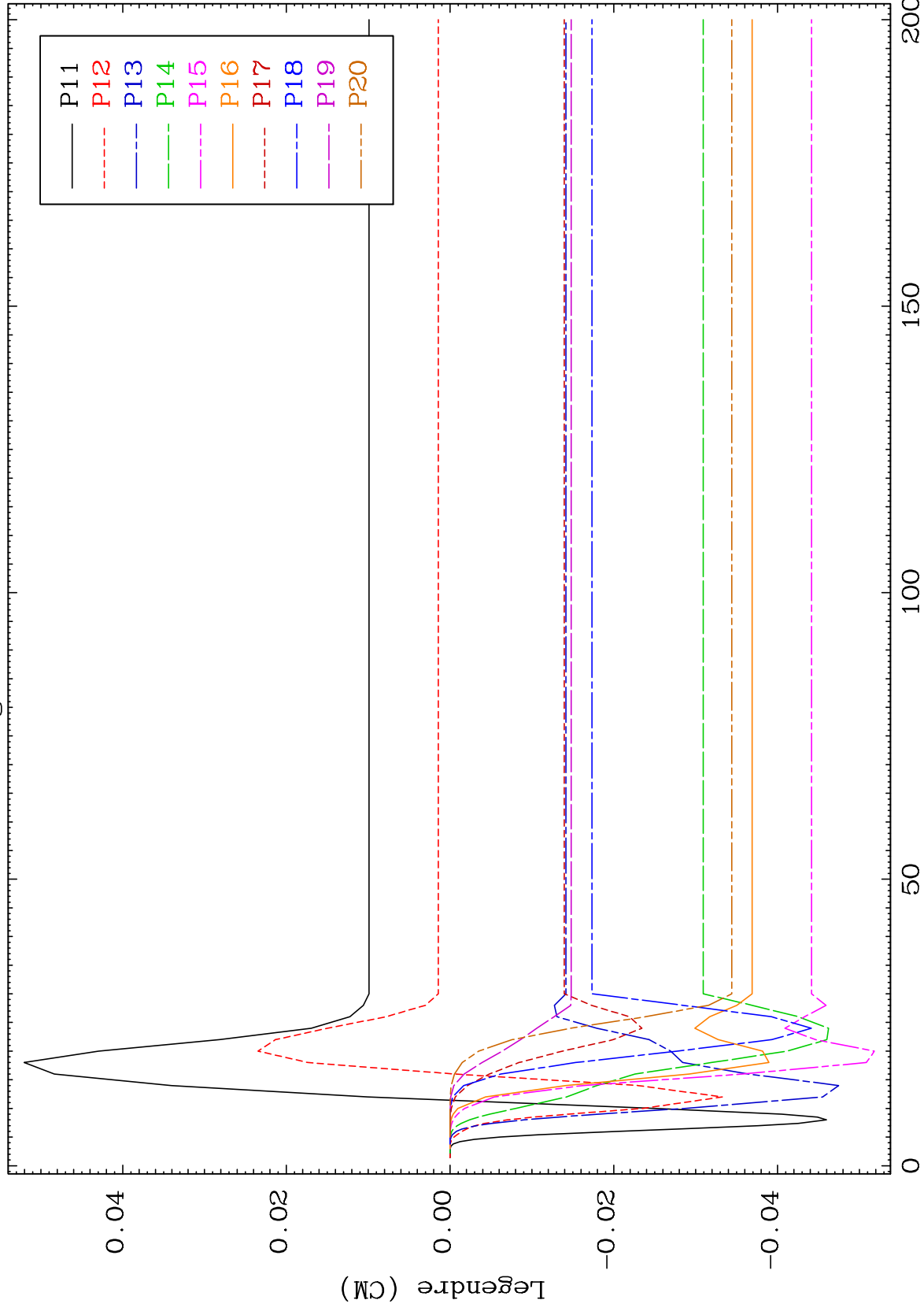
Incident Energy (MeV)

81-Tl-196

MAT 8104

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

81-T1-196



26

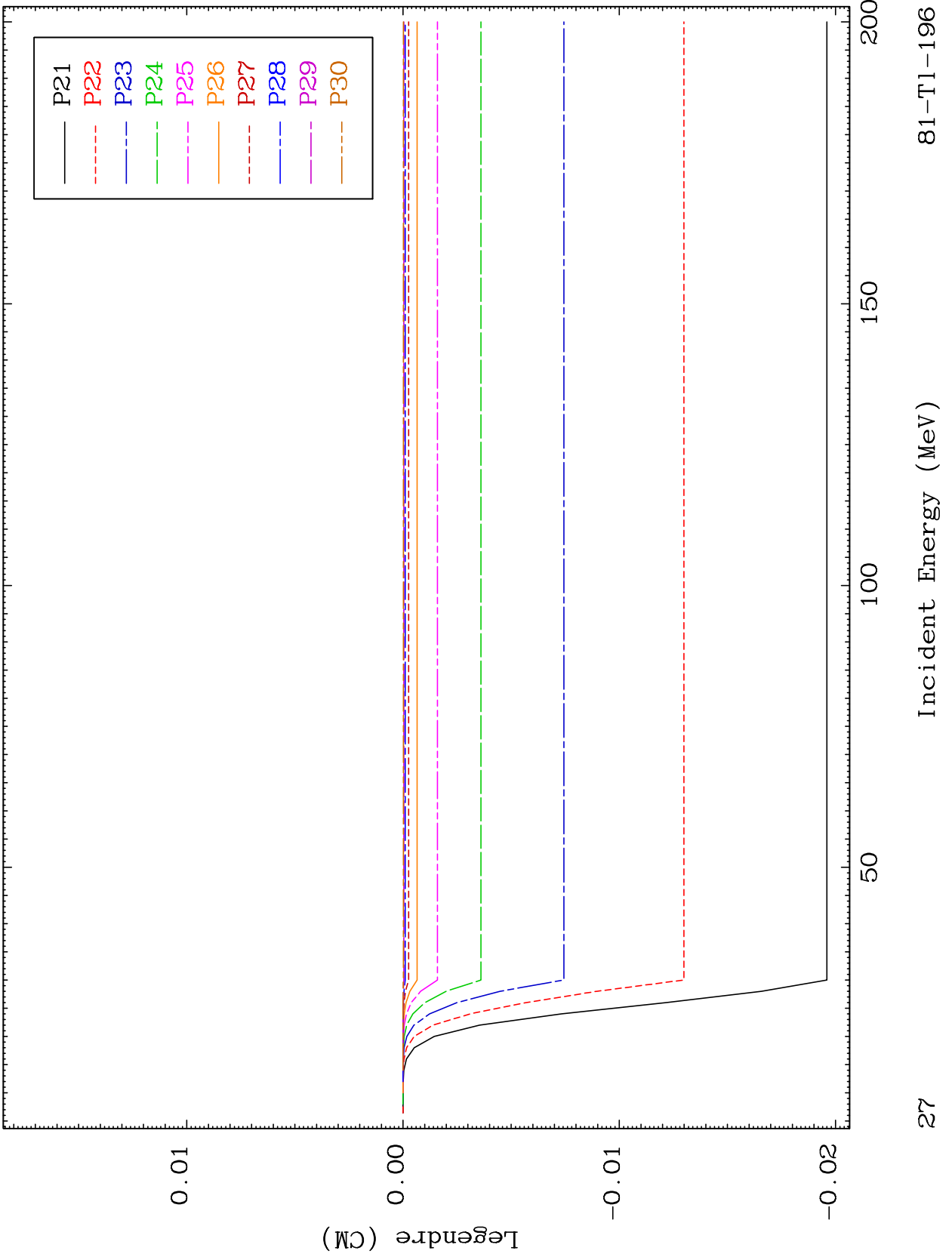
Incident Energy (MeV)

81-T1-196

MAT 8104

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

81-T1-196



27

Incident Energy (MeV)

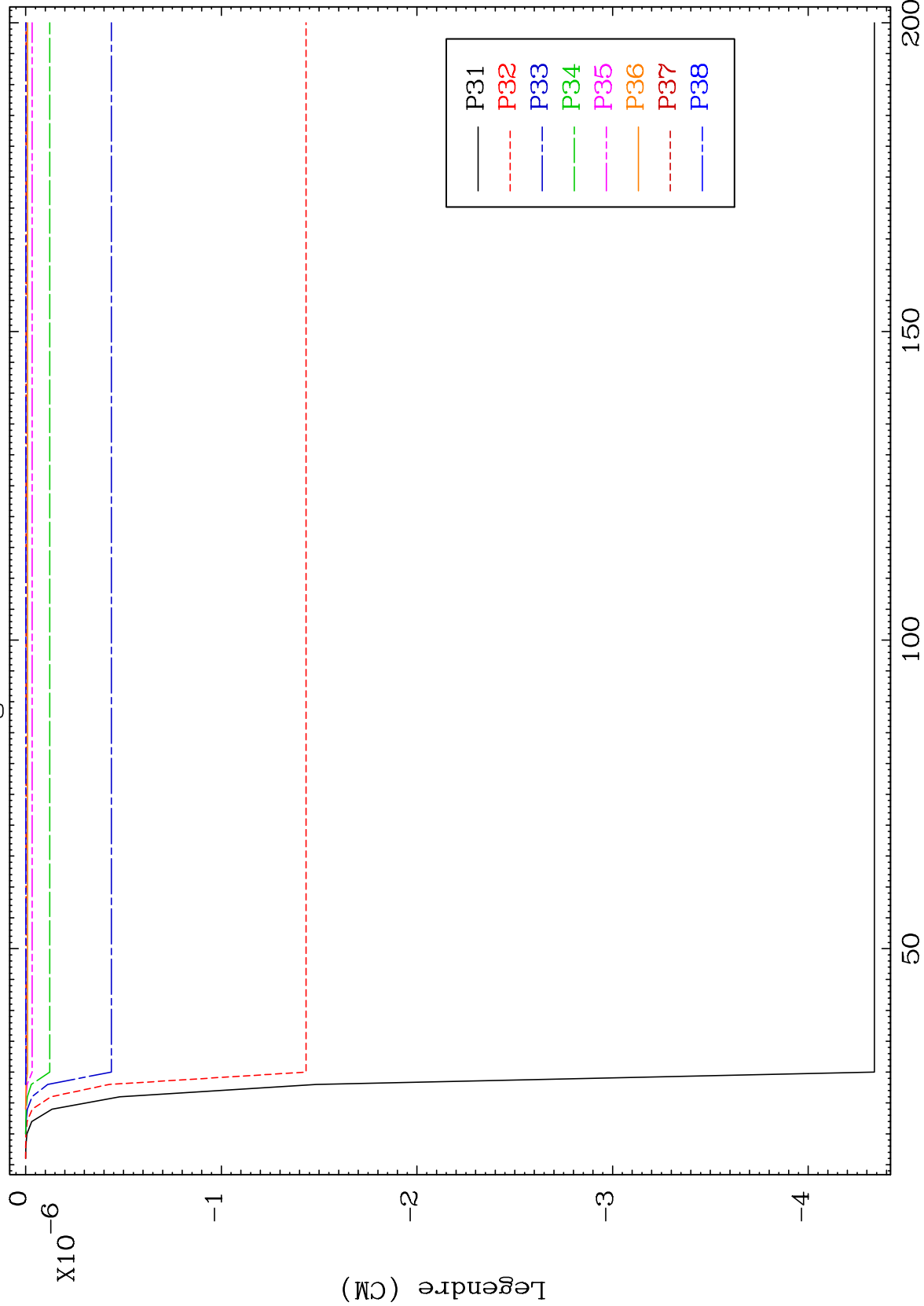
81-T1-196

MAT 8104

MT= 53 (n,n') Level

81-Tl-196

Legendre Coefficients



28

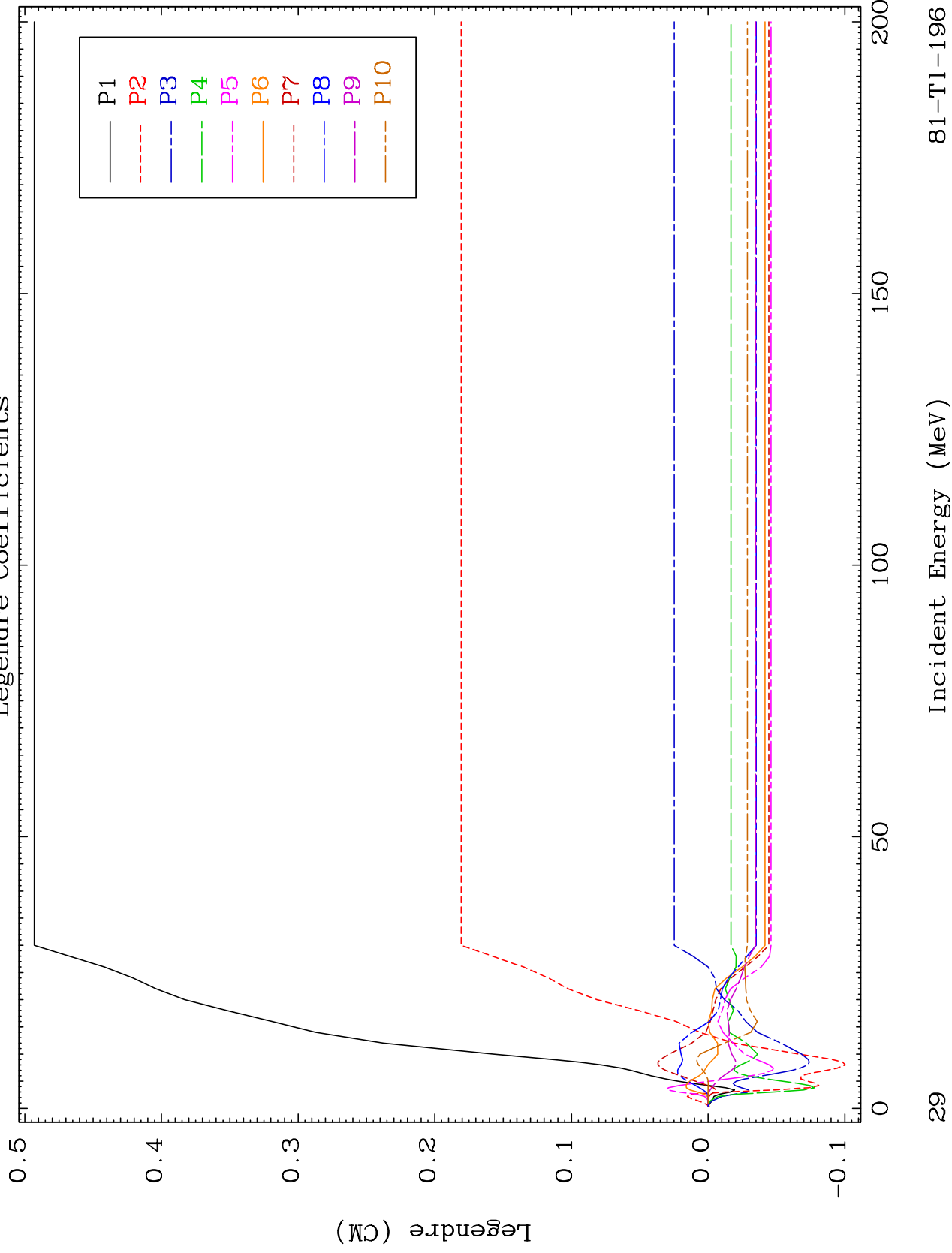
Incident Energy (MeV)

81-Tl-196

MAT 8104

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

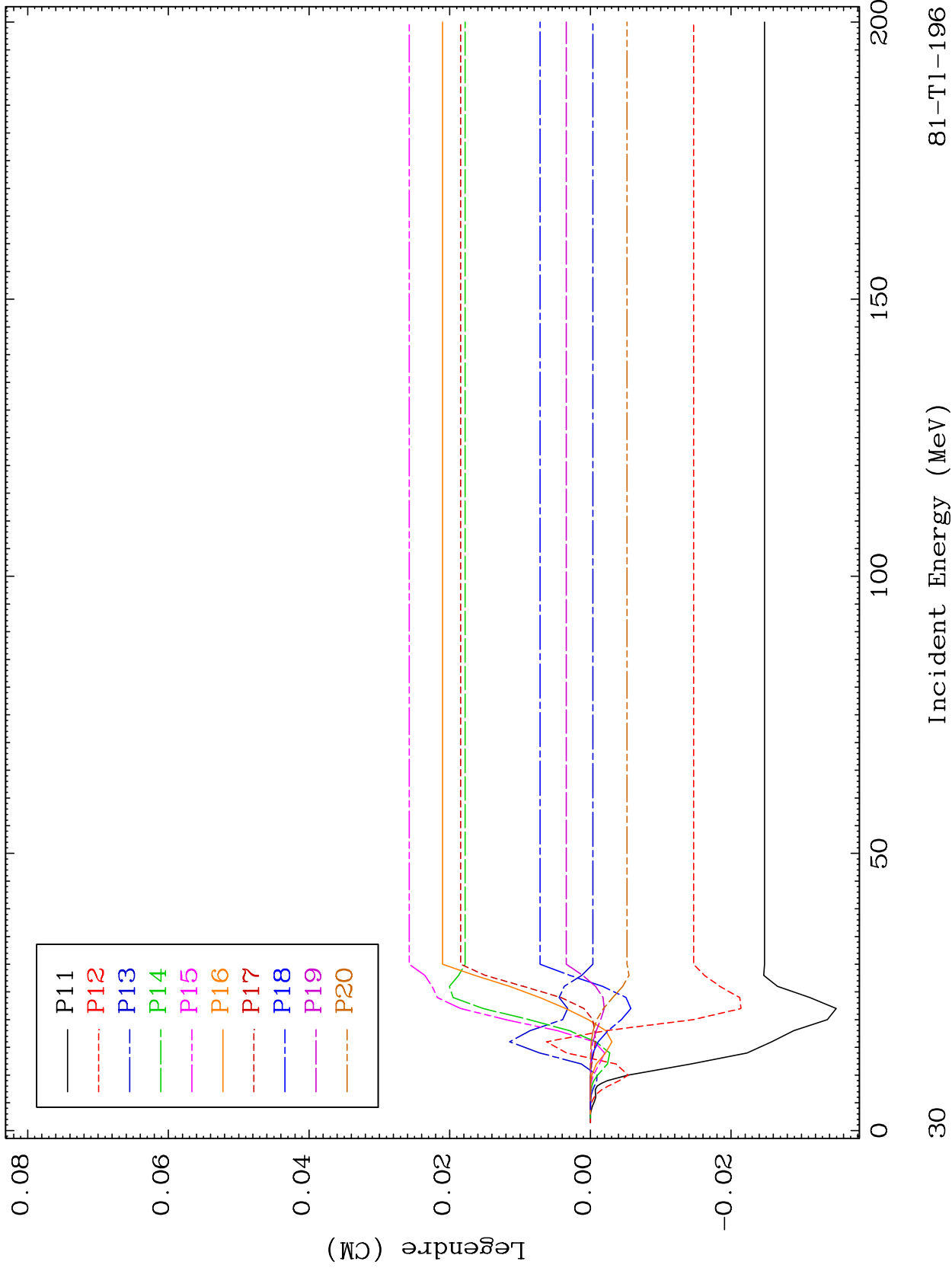
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MAT 8104

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

81-Tl-196

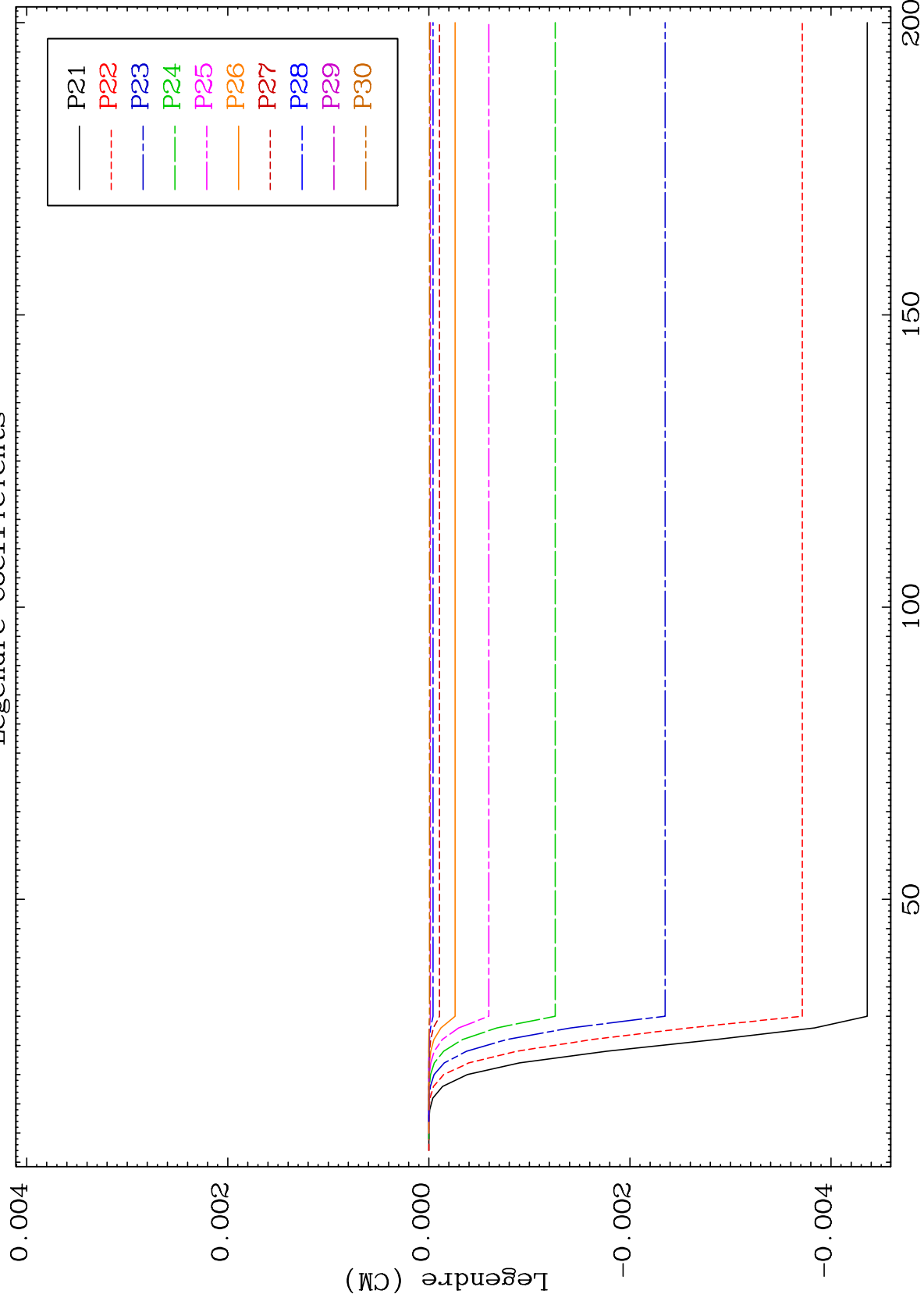


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MAT 8104

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

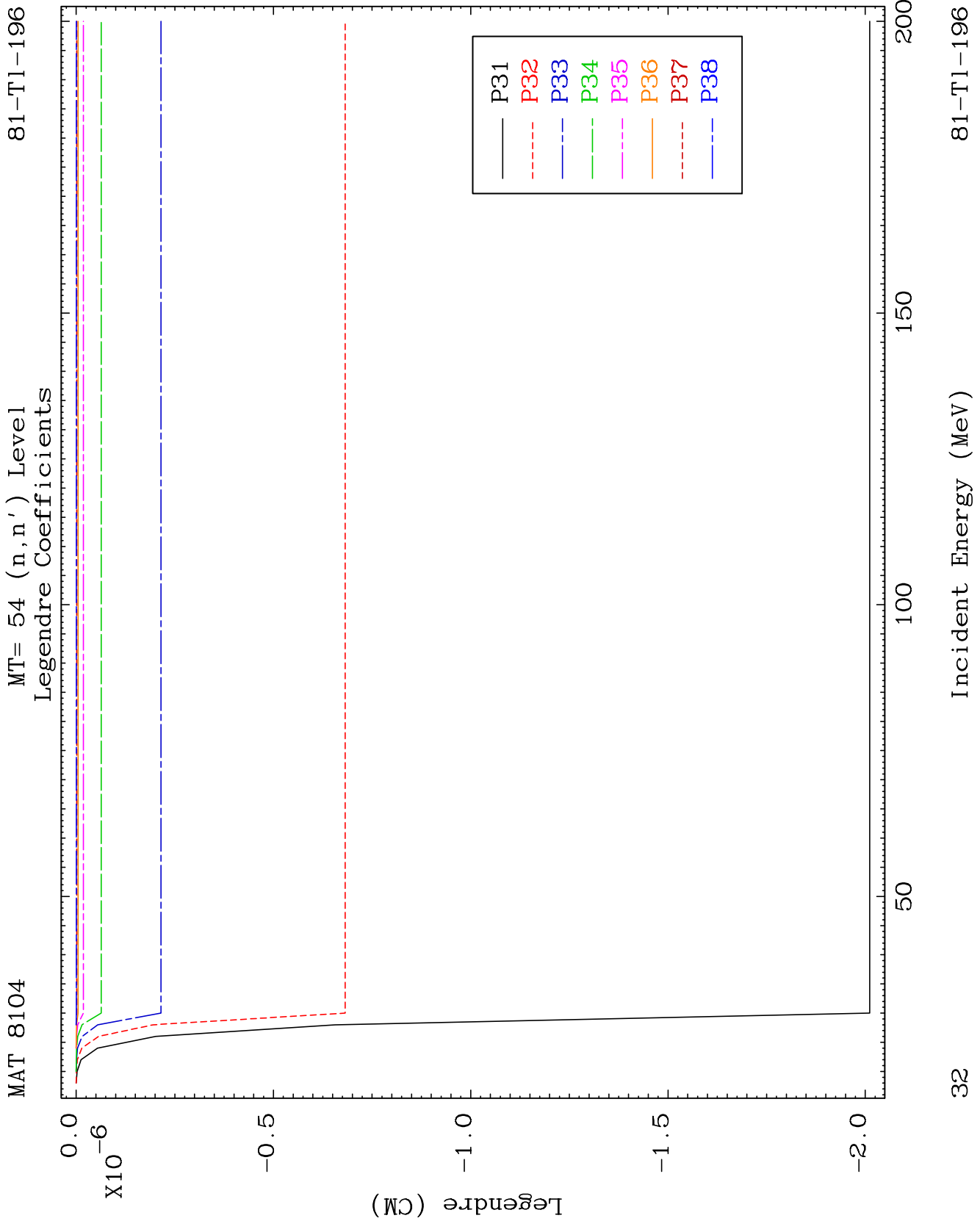
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31

Incident Energy (MeV)

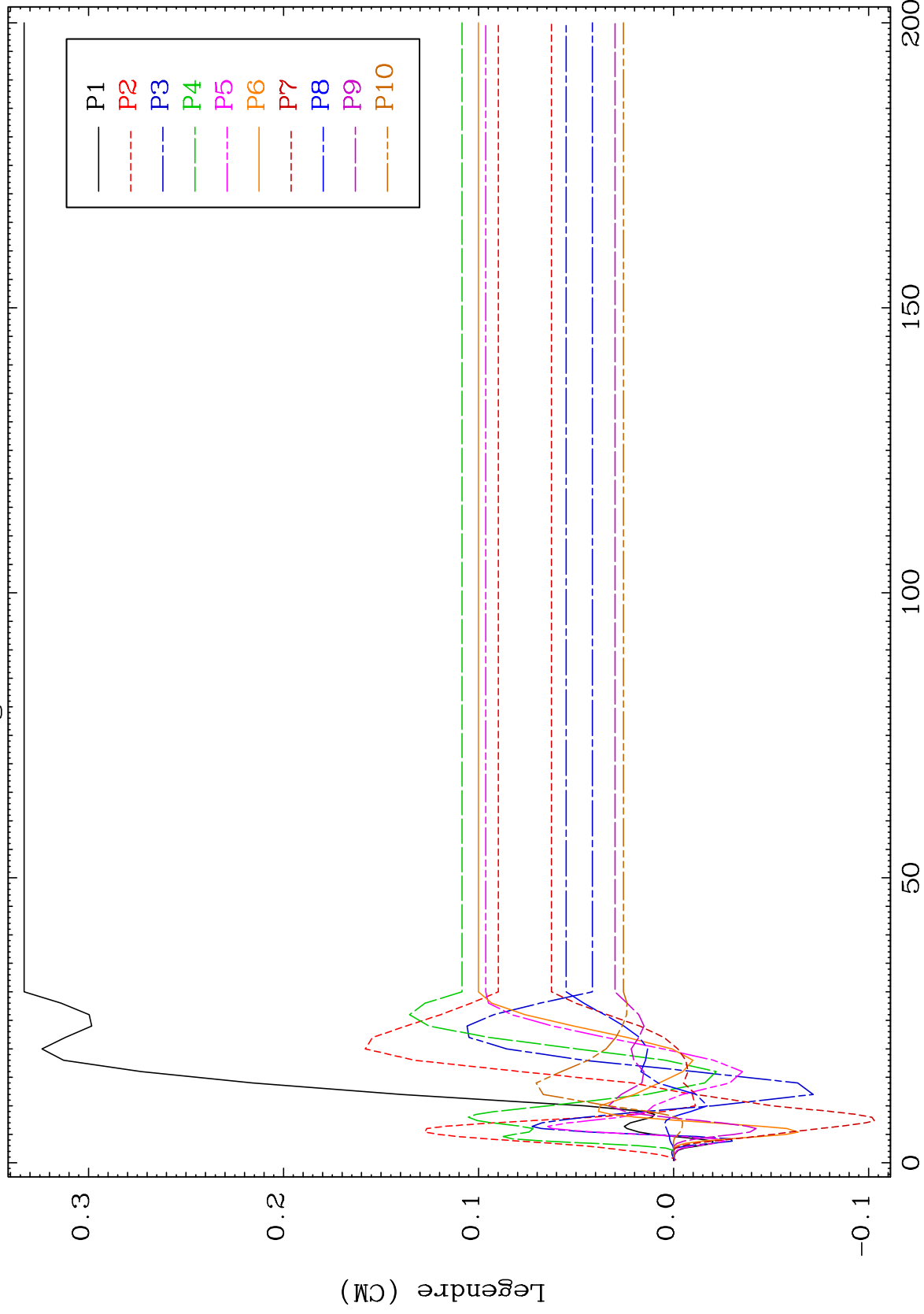
81-T1-196



MAT 8104

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

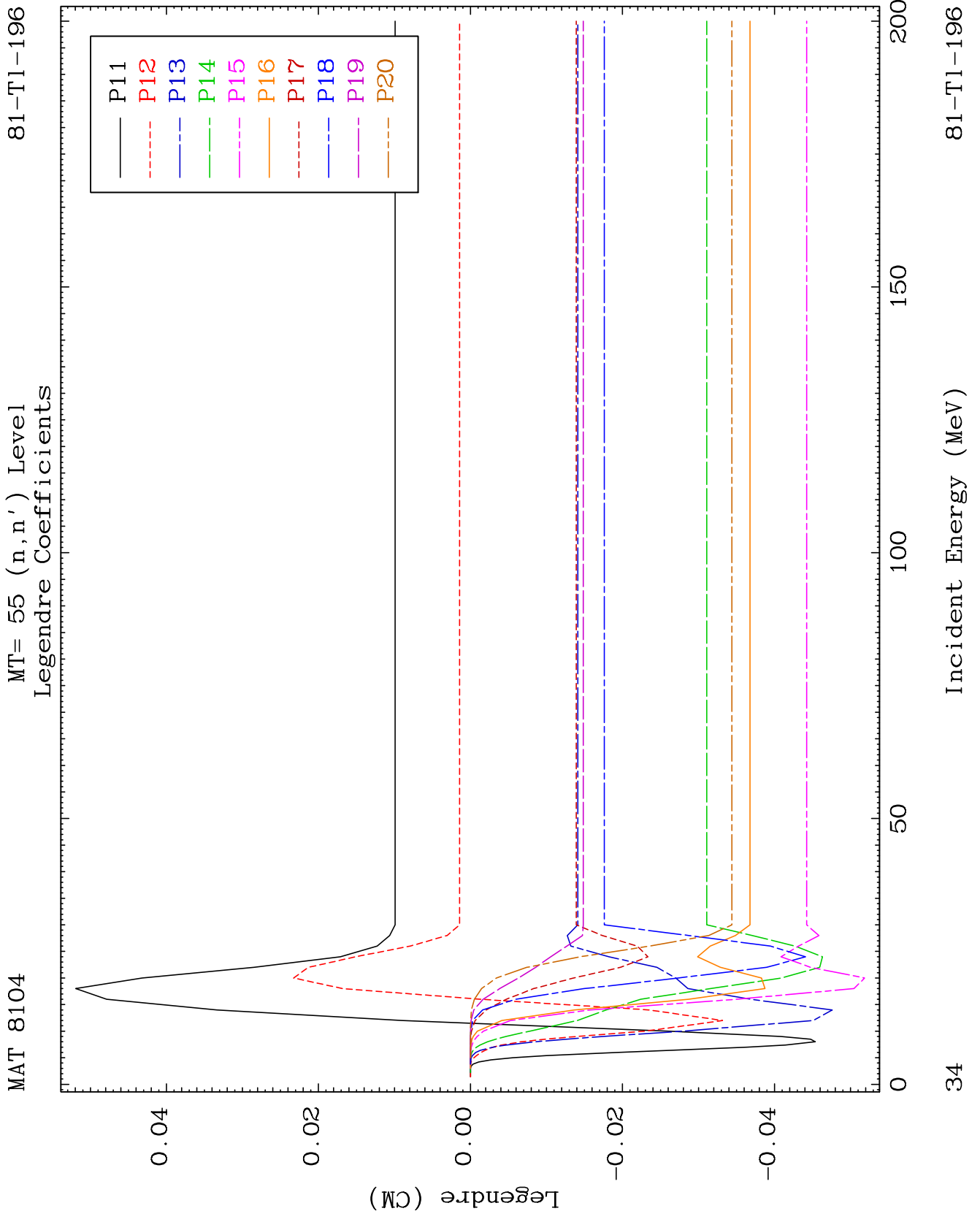
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33

Incident Energy (MeV)

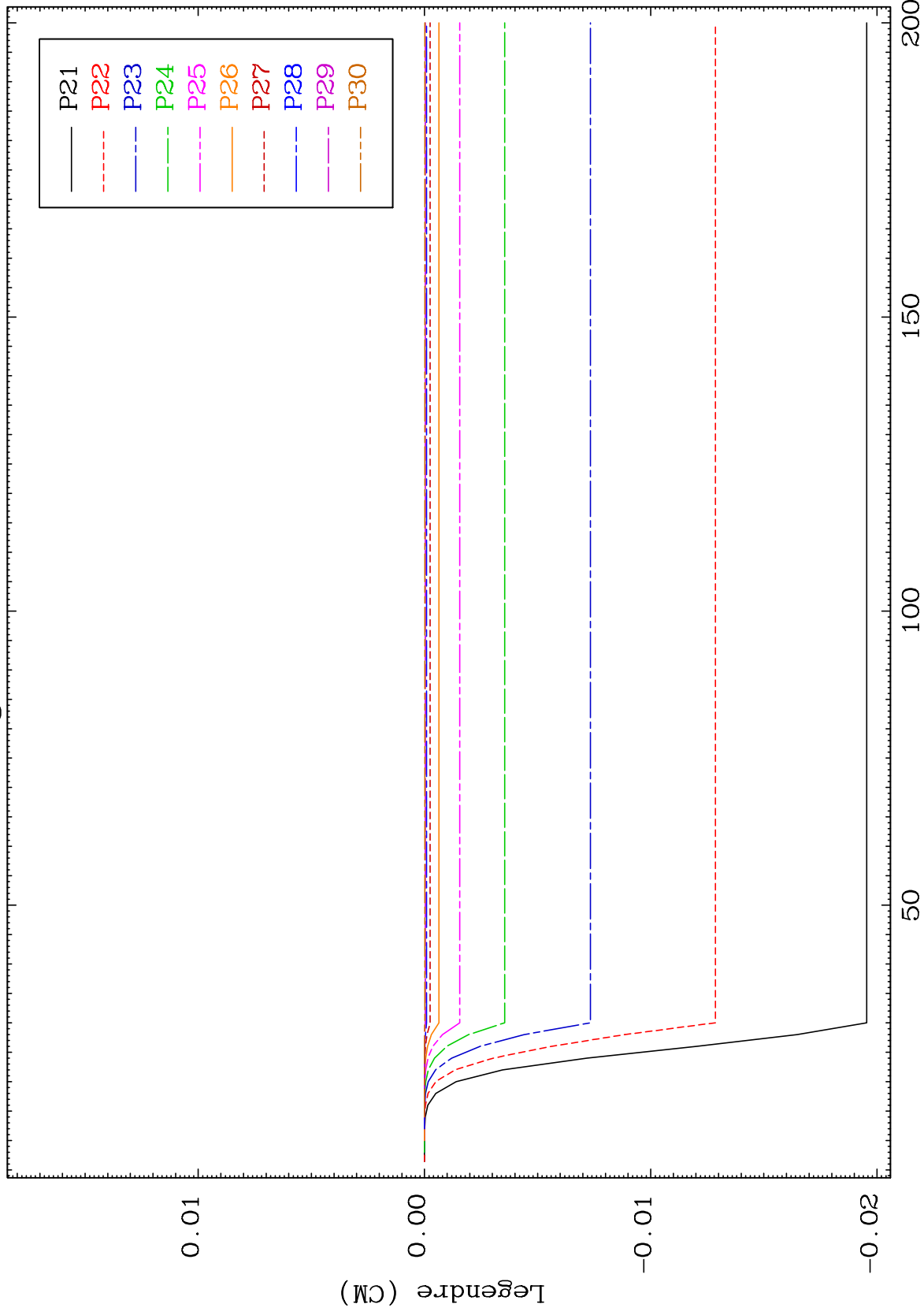
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MAT 8104

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

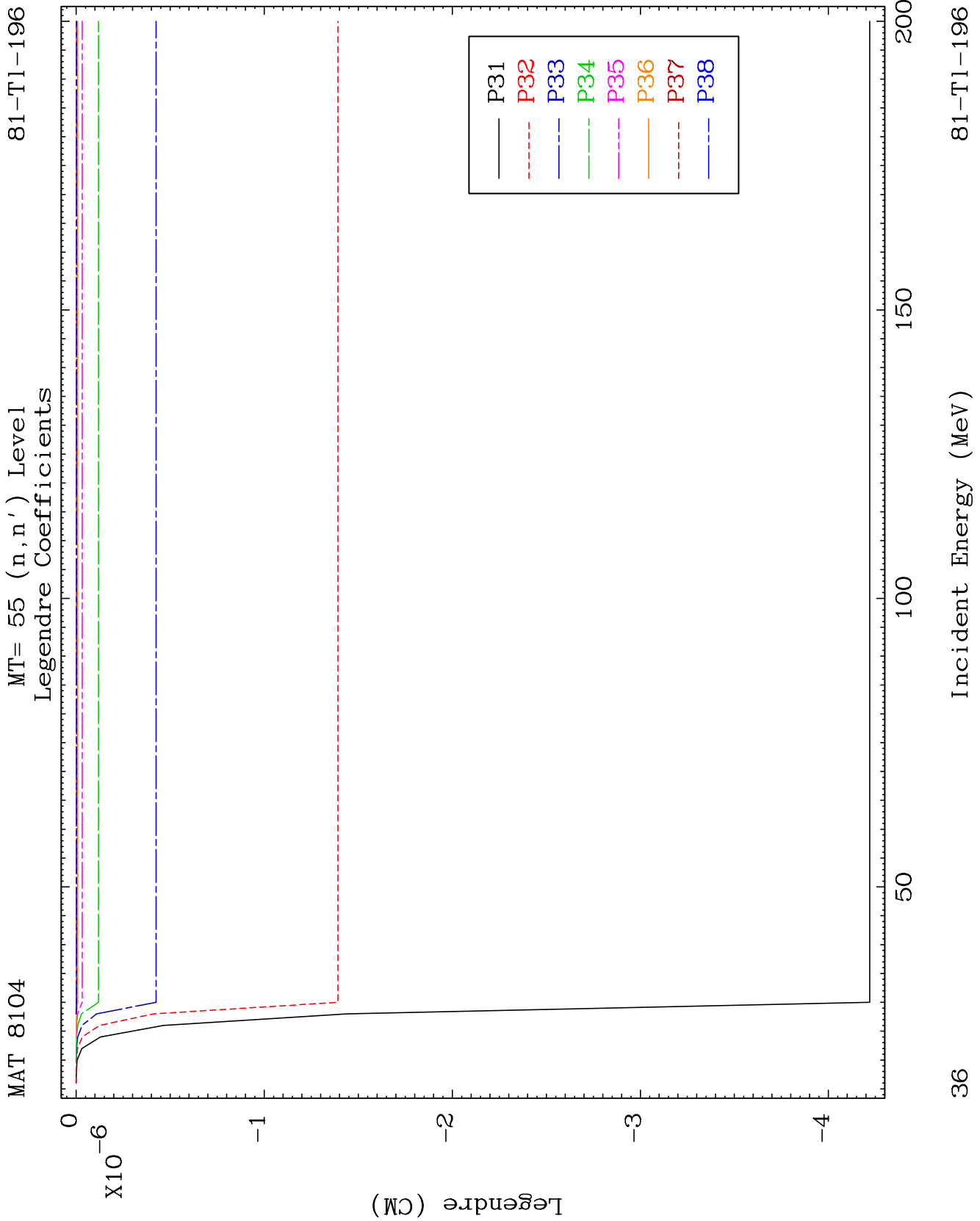
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35

Incident Energy (MeV)

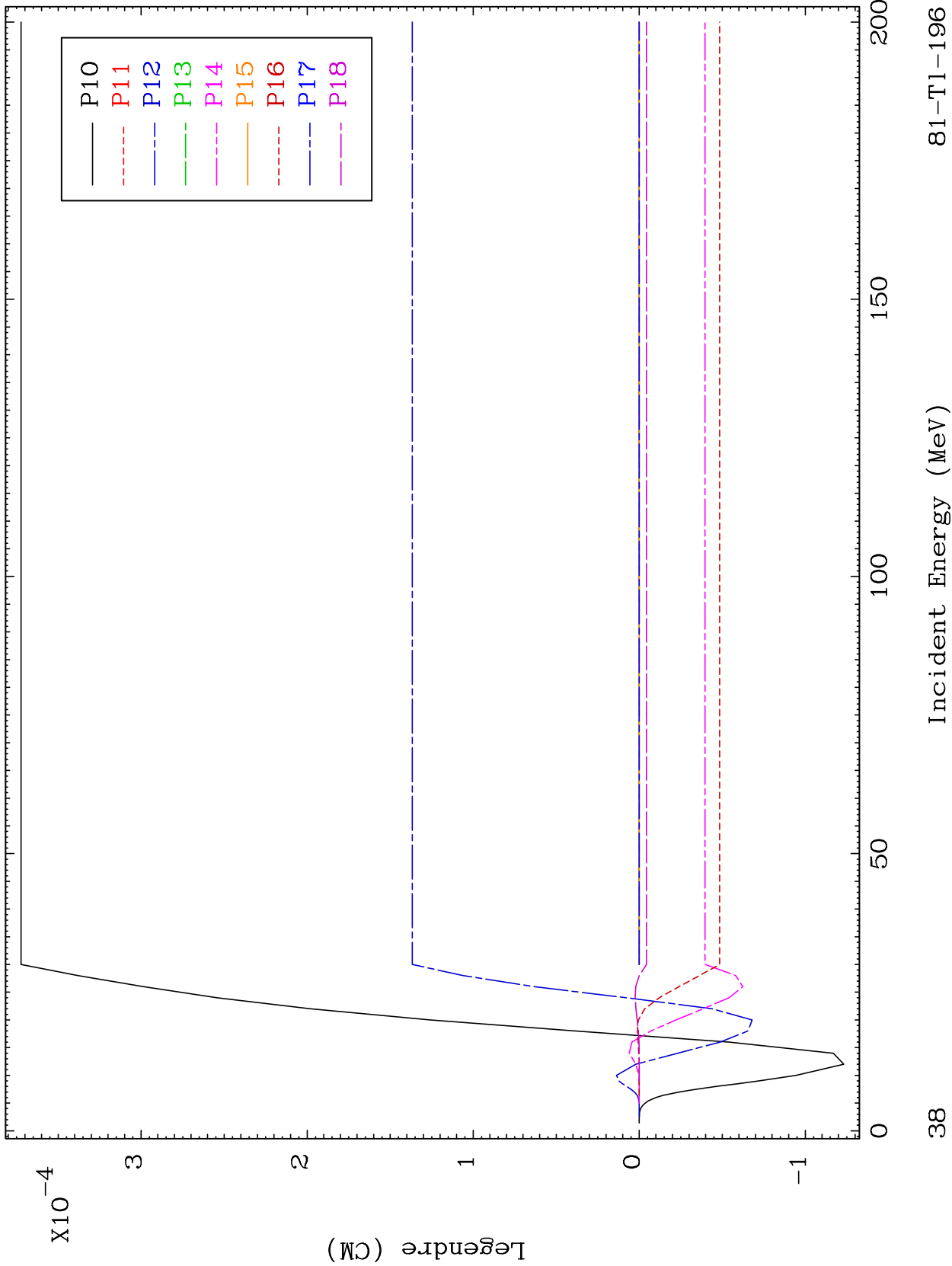
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MAT 8104

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

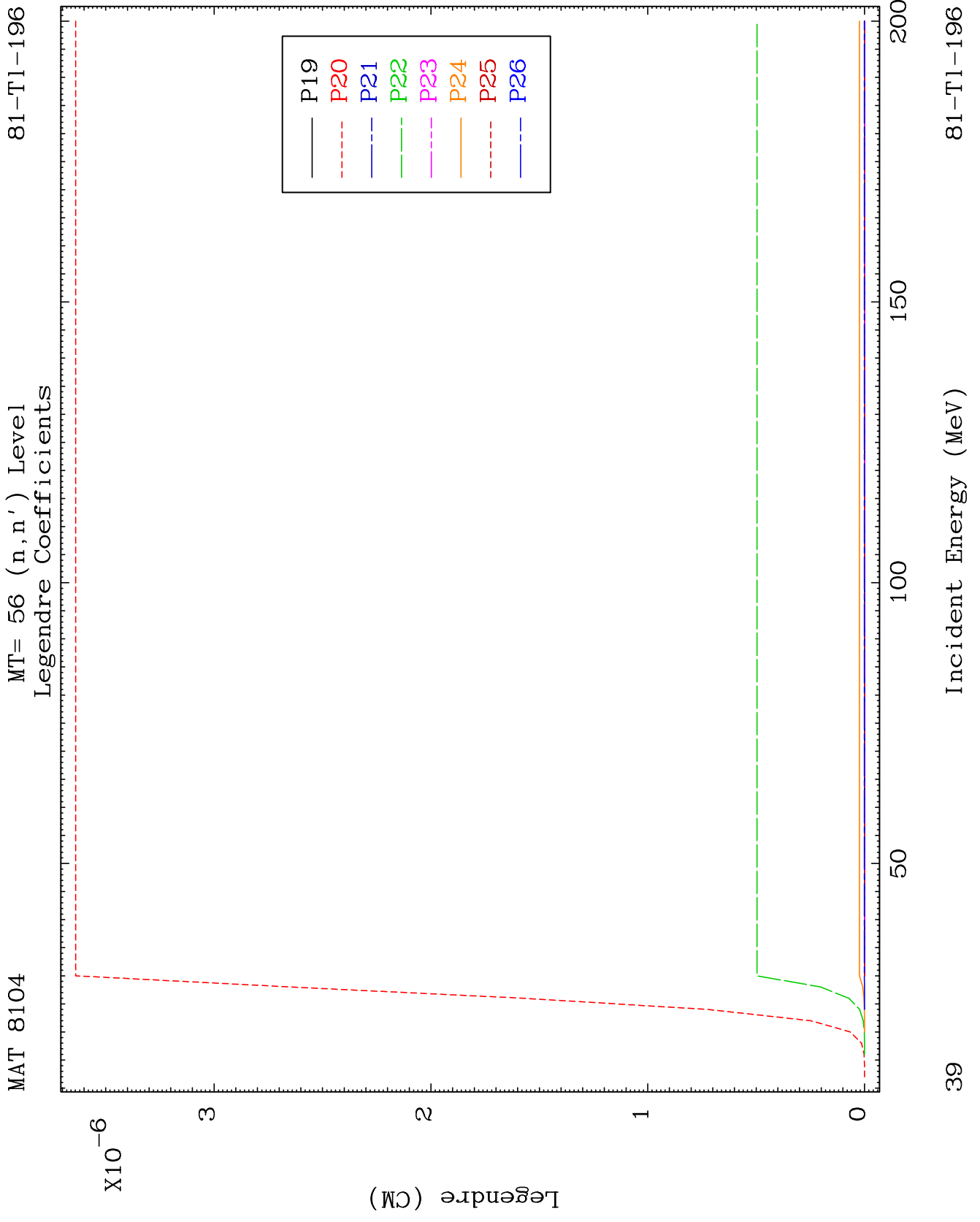
81-T1-196



81-T1-196

Incident Energy (MeV)

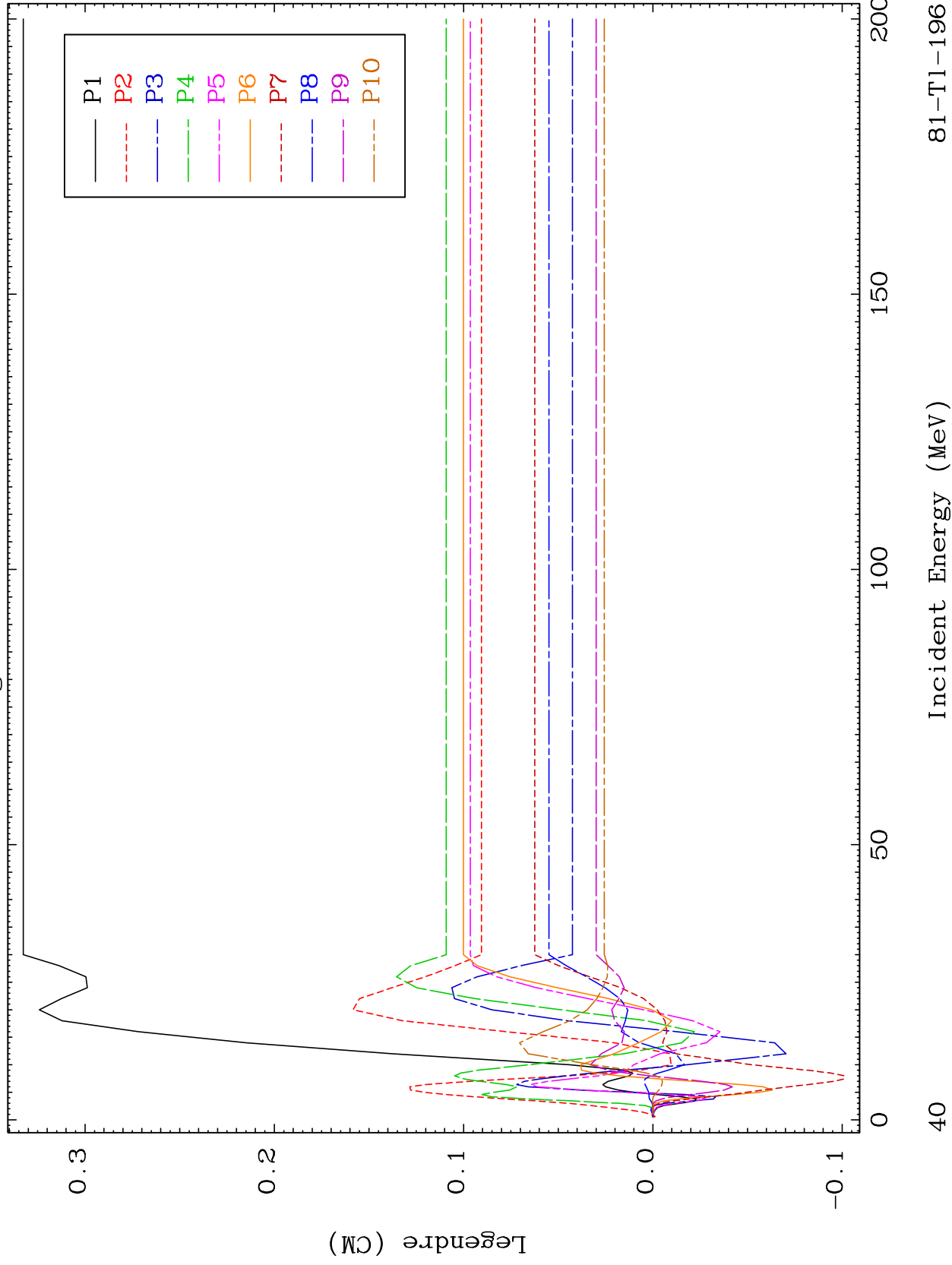
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MAT 8104

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

81-Tl-196

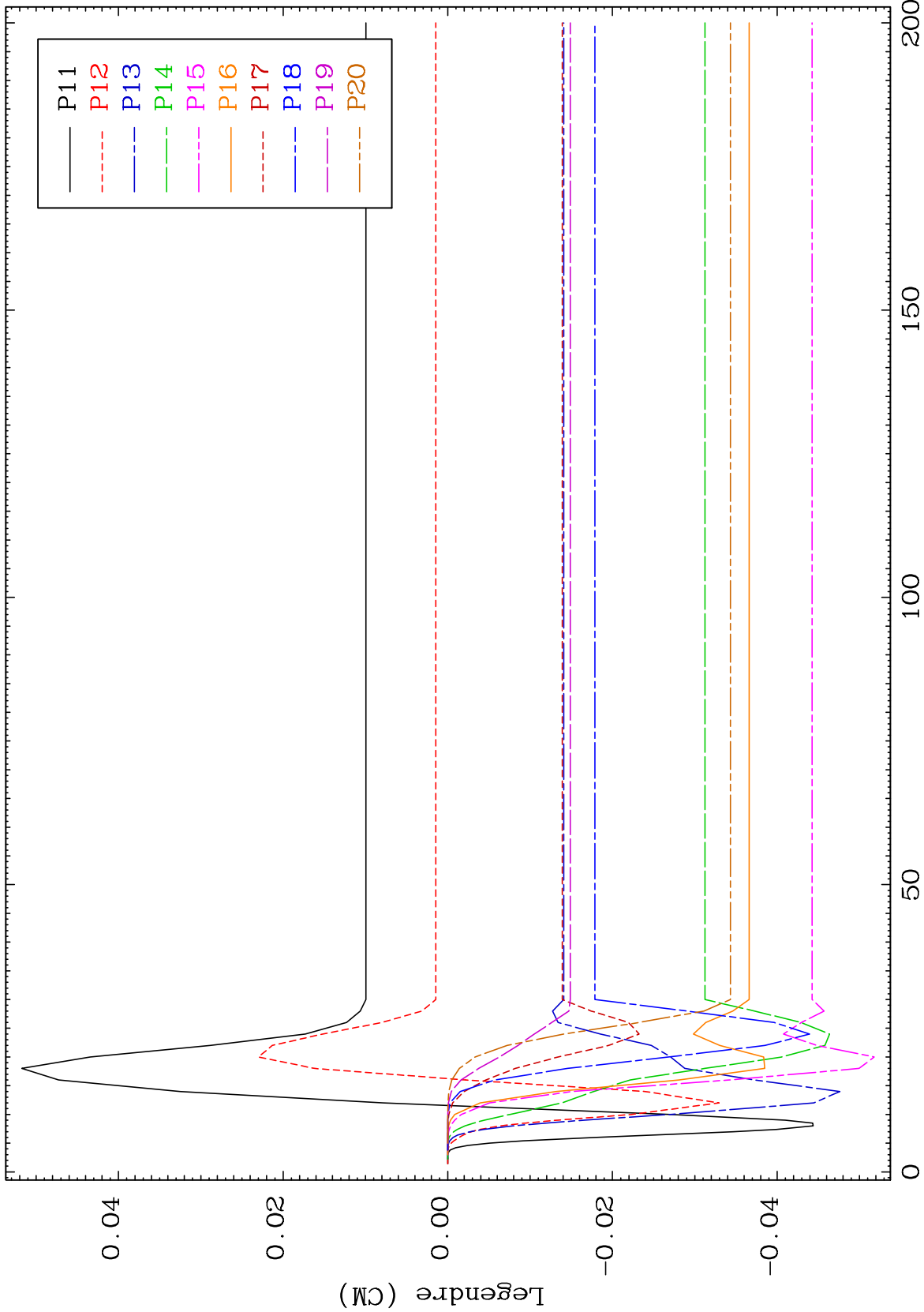


81-Tl-196

MAT 8104

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

81-T1-196



41

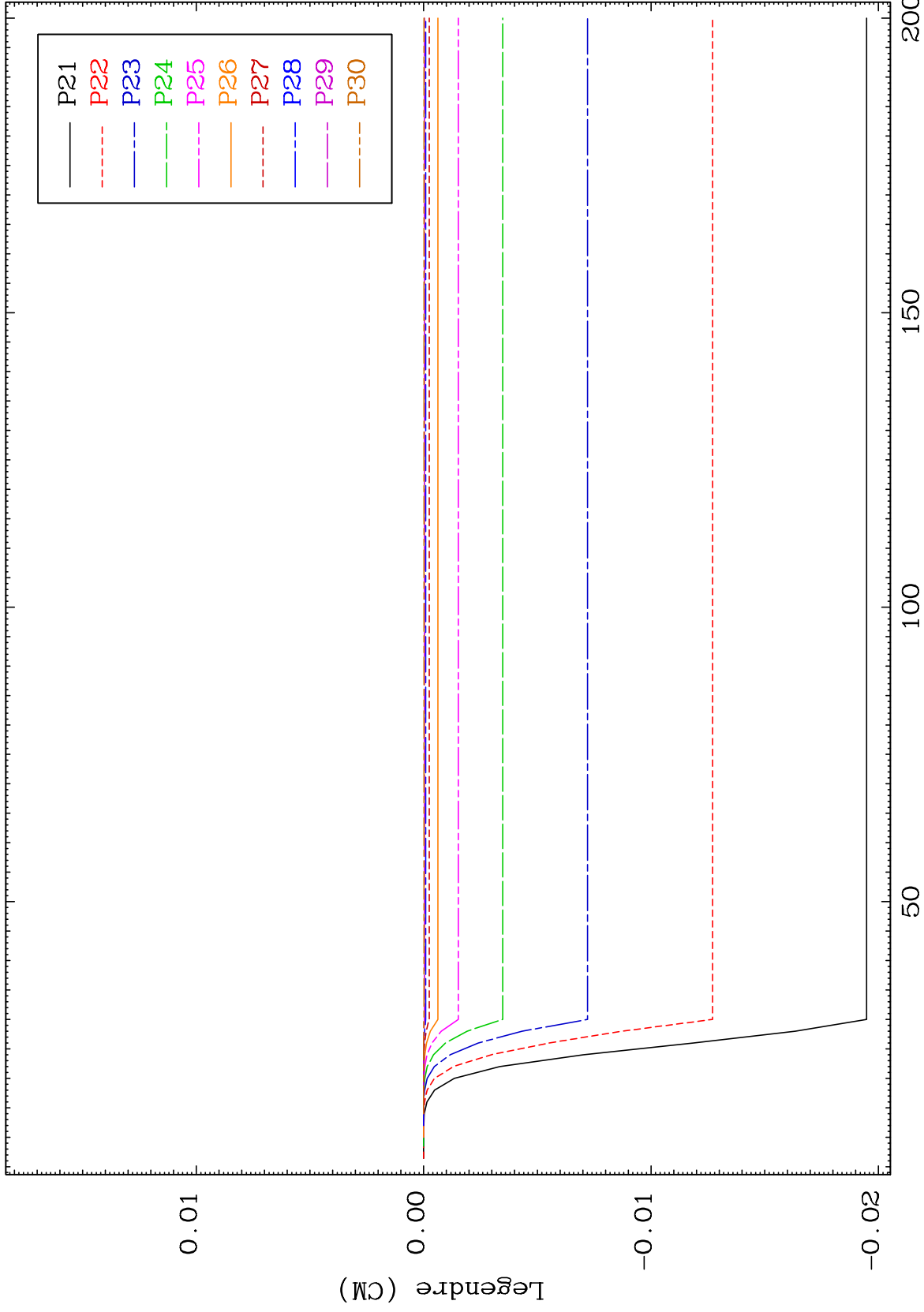
Incident Energy (MeV)

81-T1-196

MAT 8104

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

81-T1-196



42

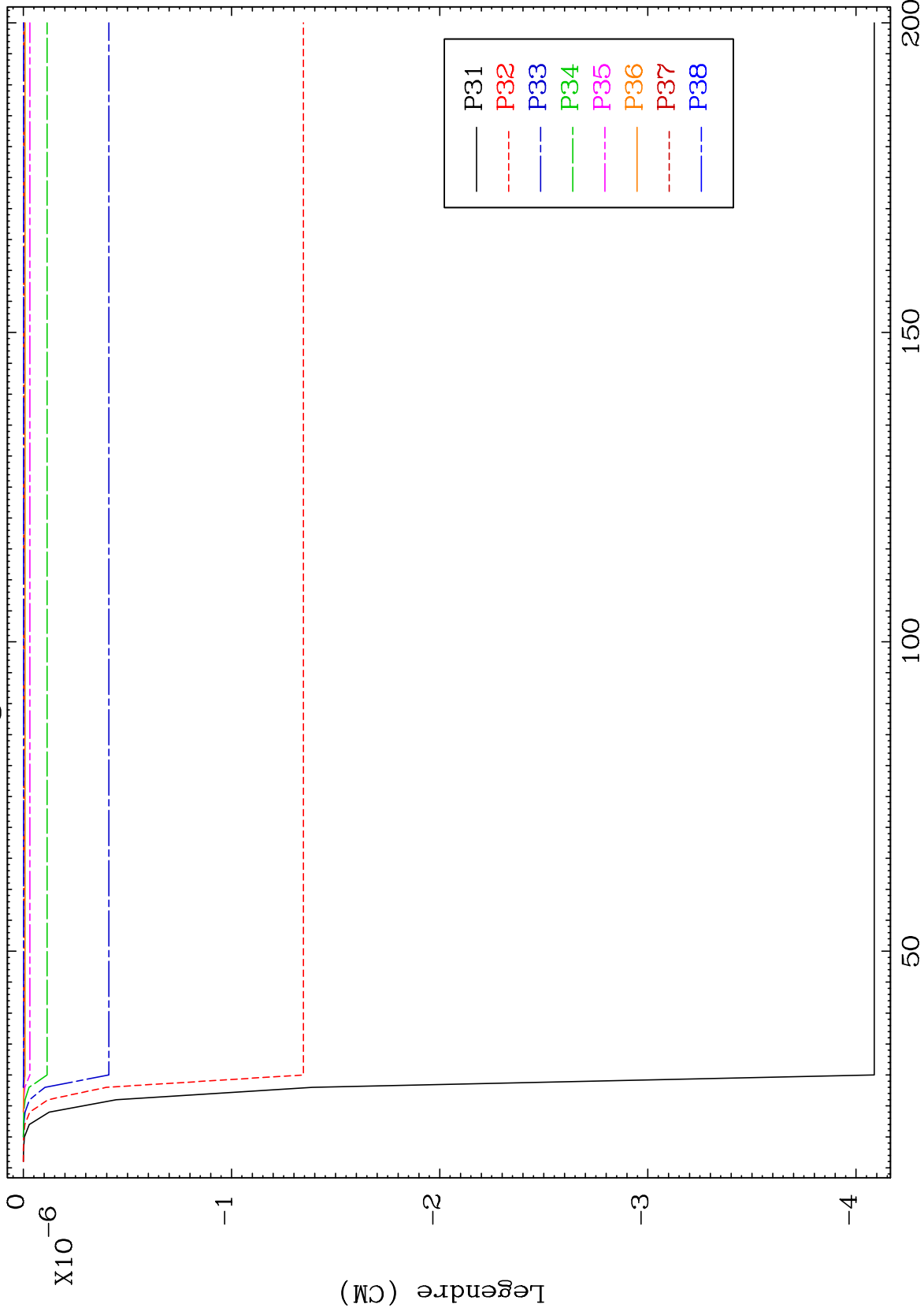
Incident Energy (MeV)

81-T1-196

MAT 8104

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

81-T1-196



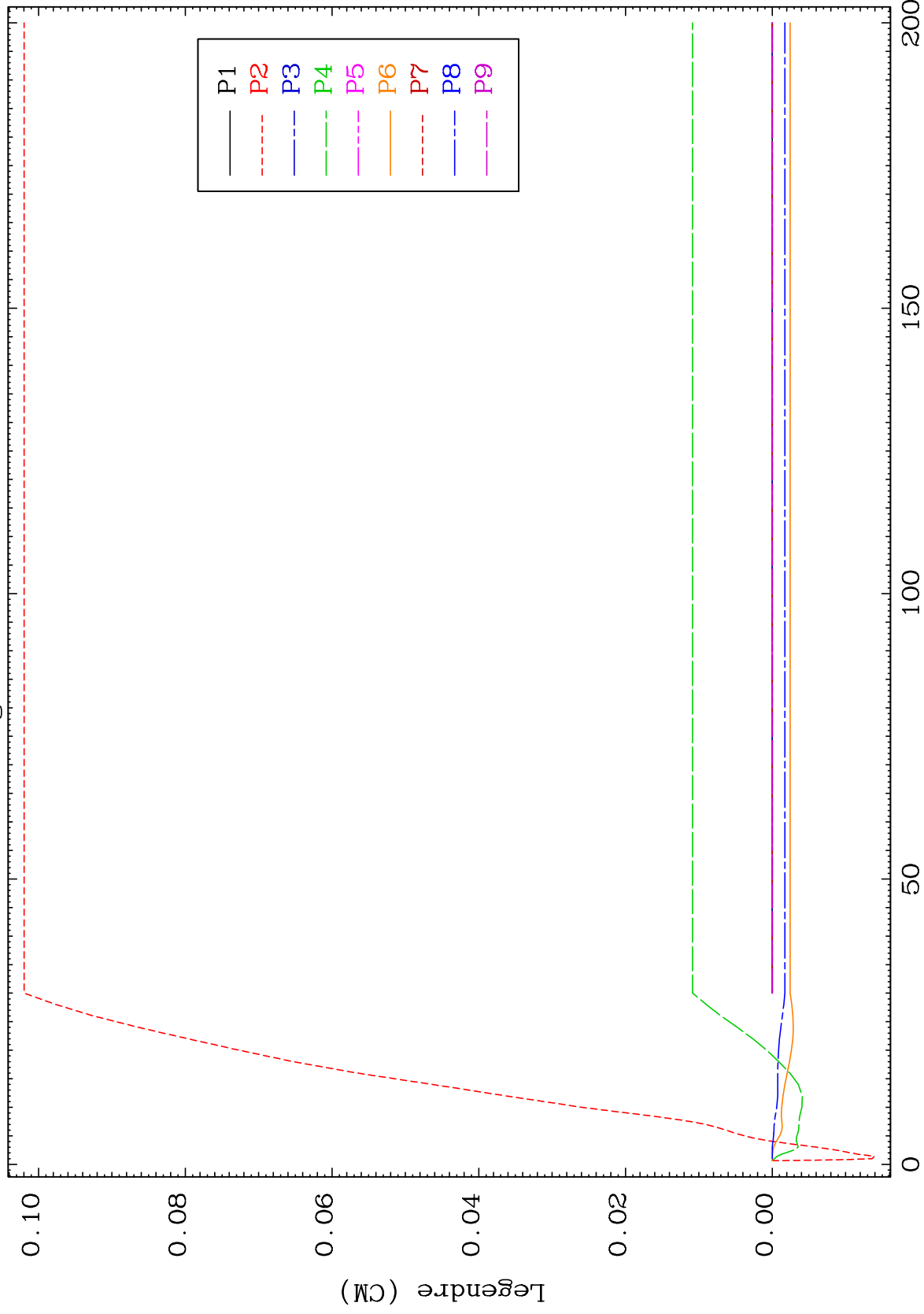
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81-T1-196

MAT 8104

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

81-T1-196



44

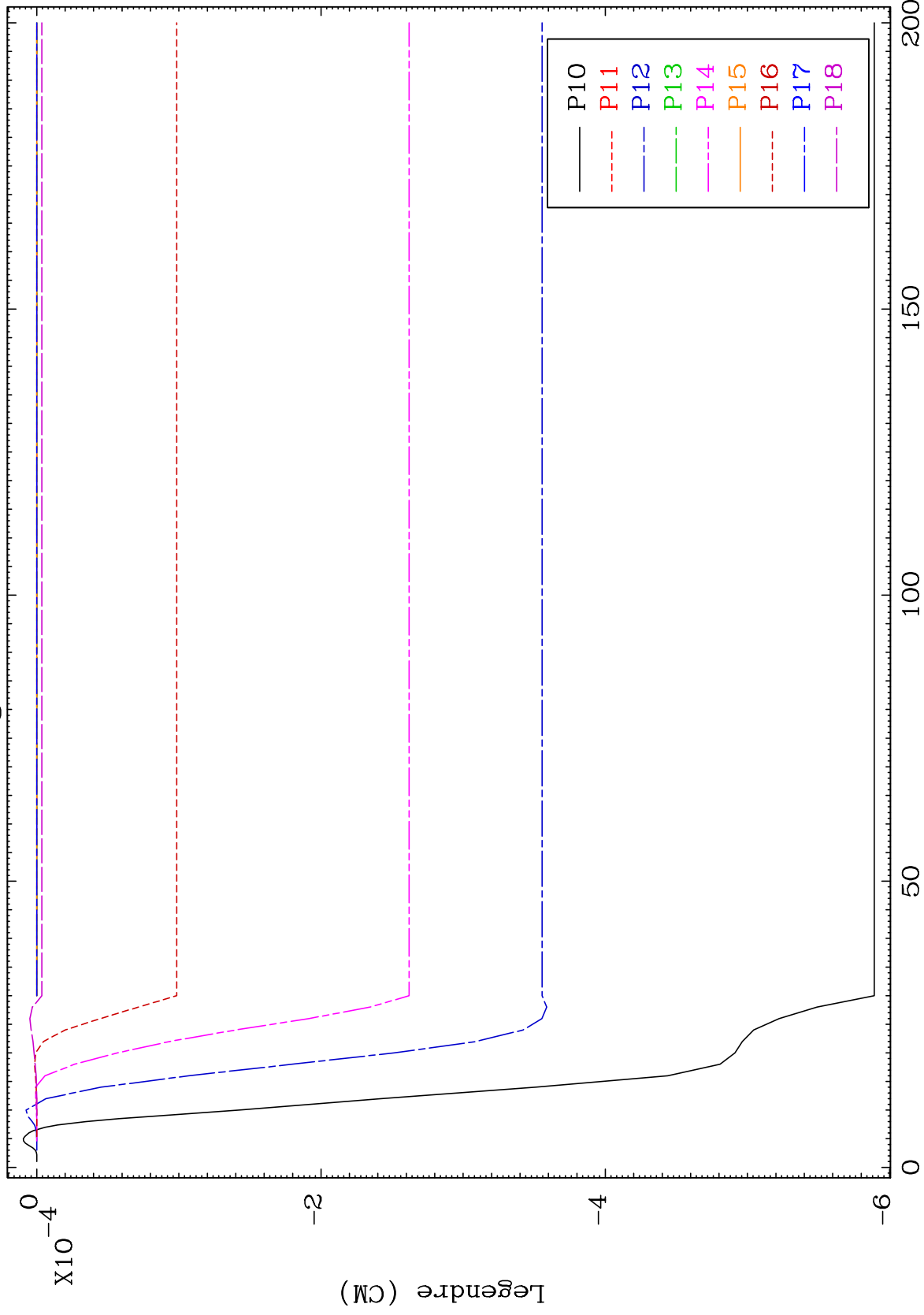
Incident Energy (MeV)

81-T1-196

MAT 8104

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

81-Tl-196



45

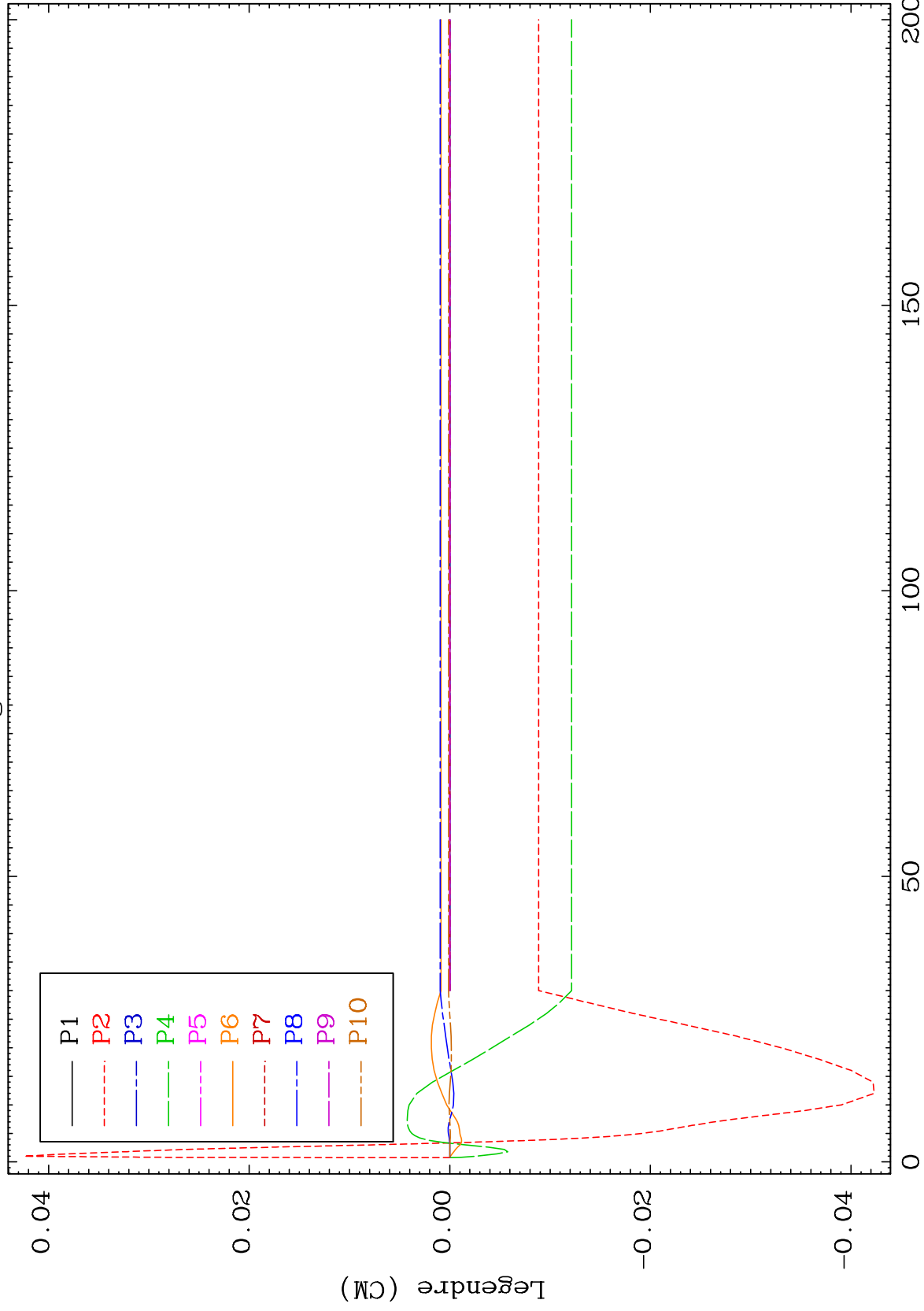
Incident Energy (MeV)

81-Tl-196

MAT 8104

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

81-T1-196



47

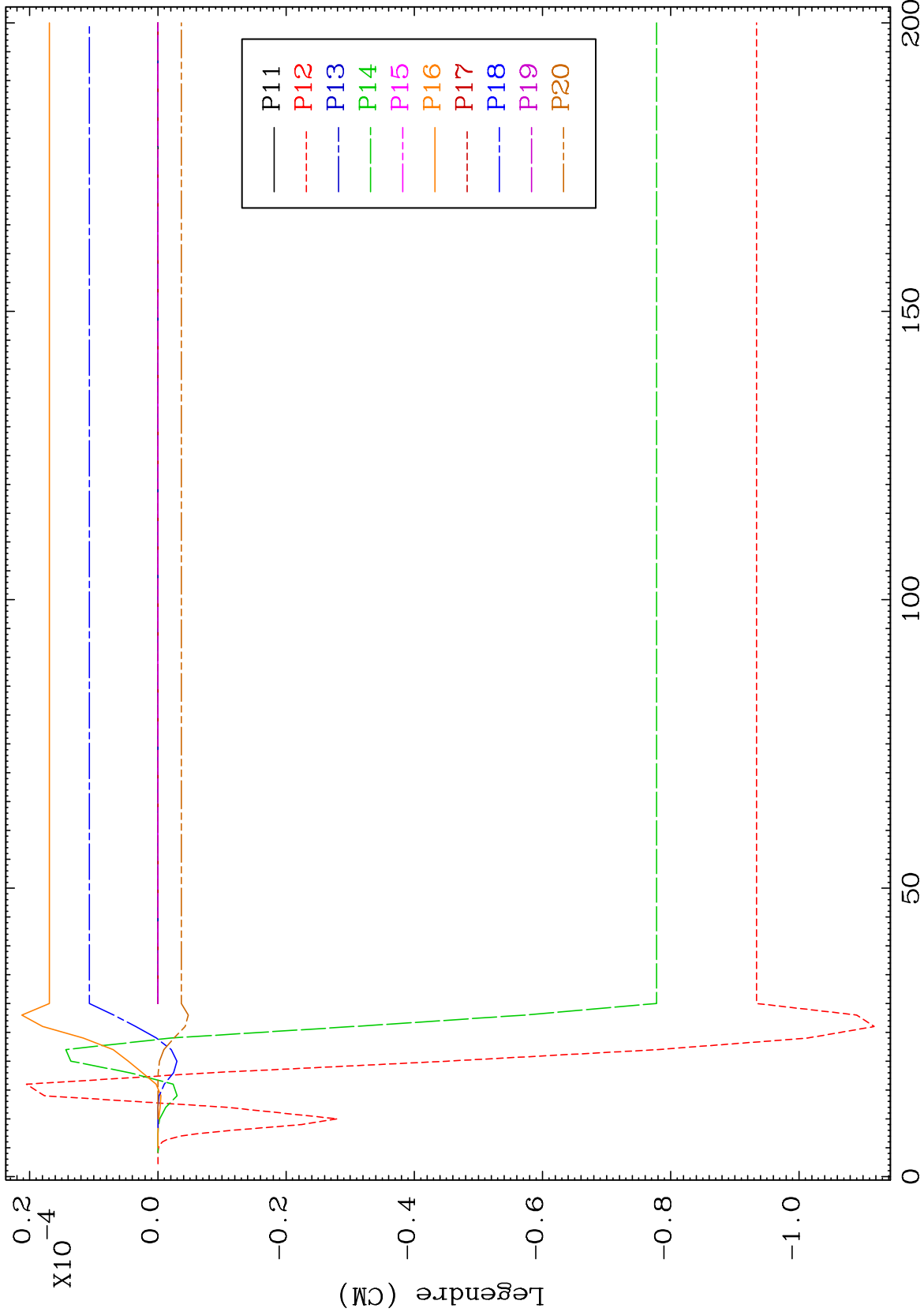
Incident Energy (MeV)

81-T1-196

MAT 8104

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

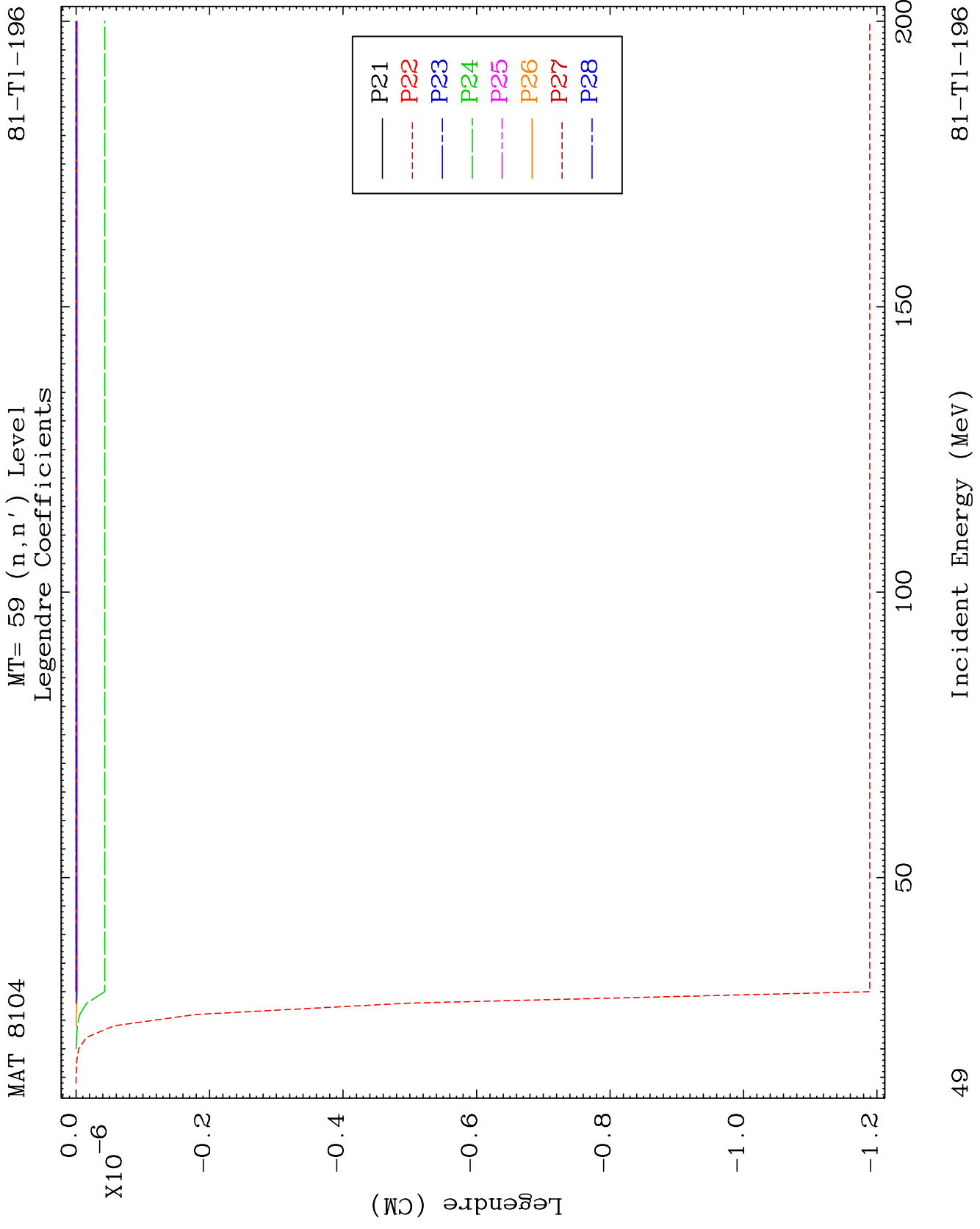
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Incident Energy (MeV)

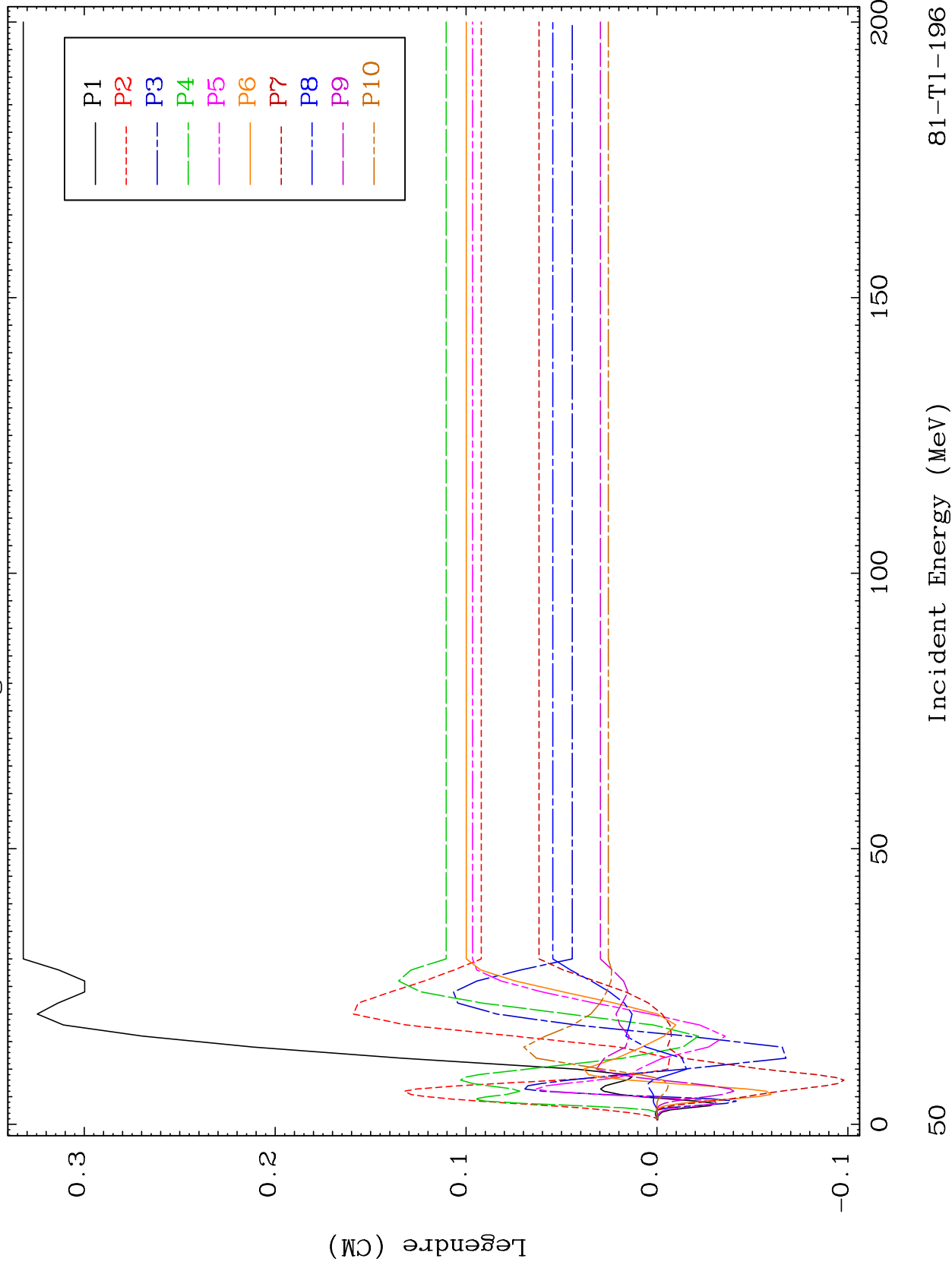
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MAT 8104

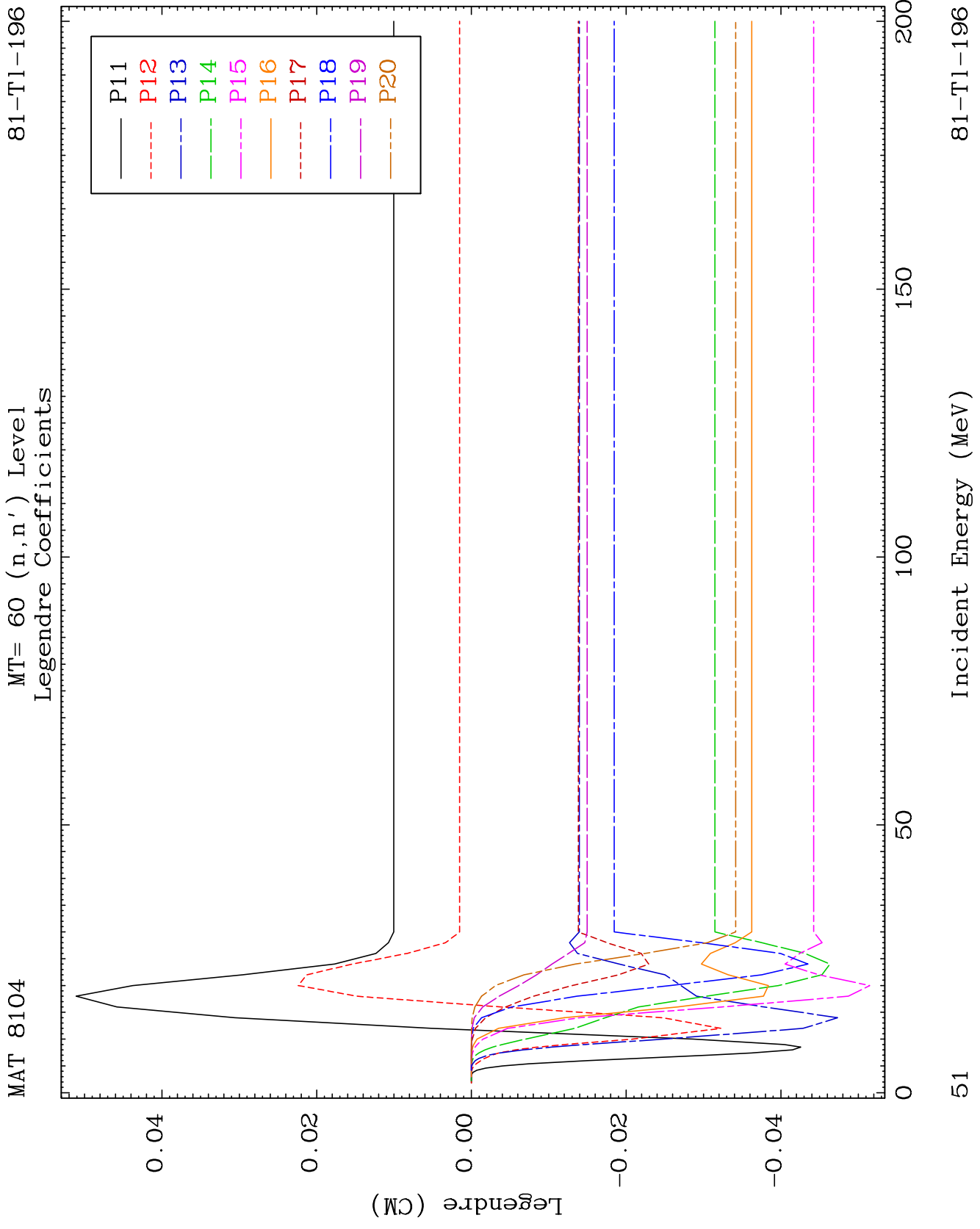
MT= 60 (n,n') Level
Legendre Coefficients

81-Tl-196



81-Tl-196

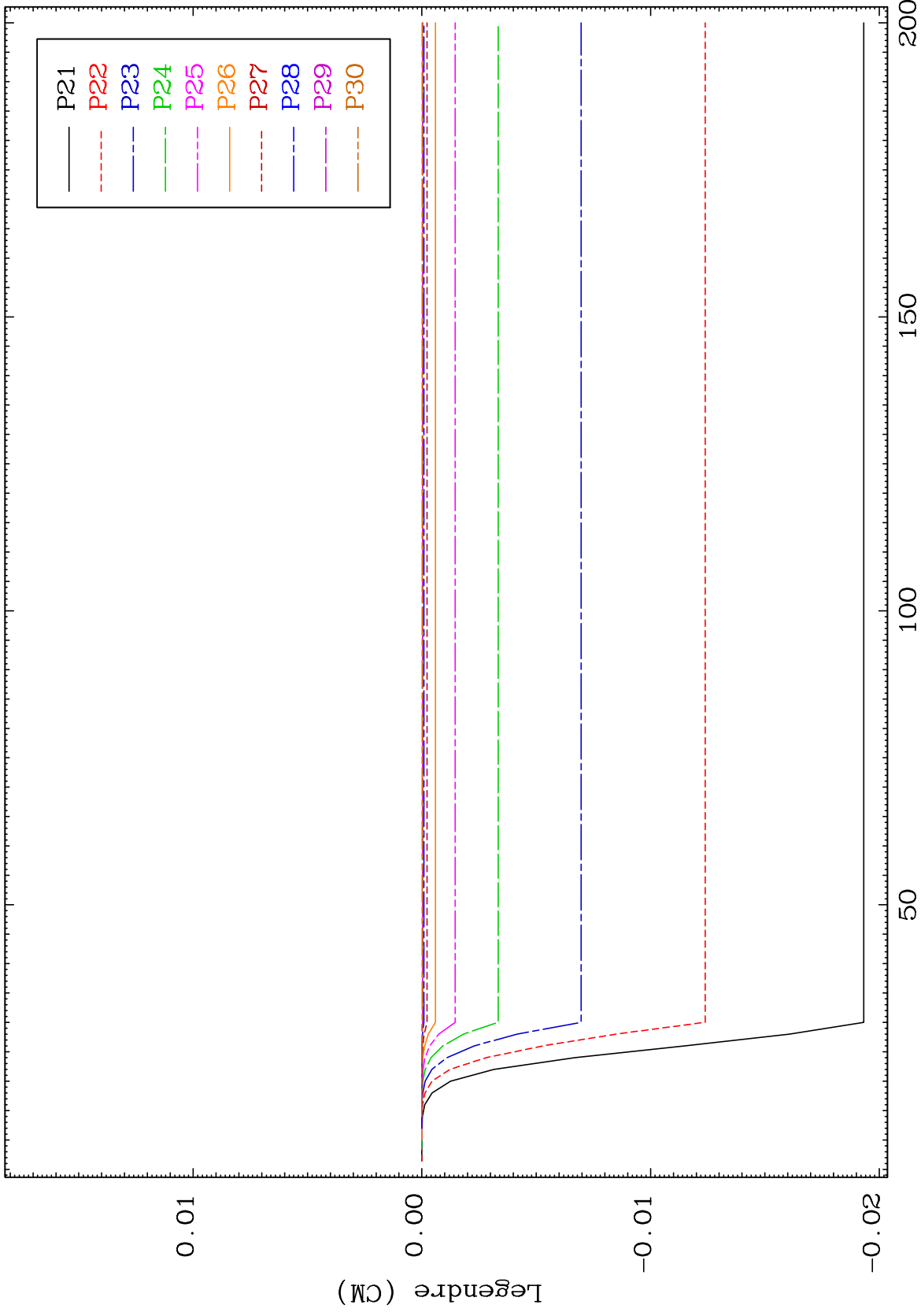
Incident Energy (MeV)



MAT 8104

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

81-T1-196



52

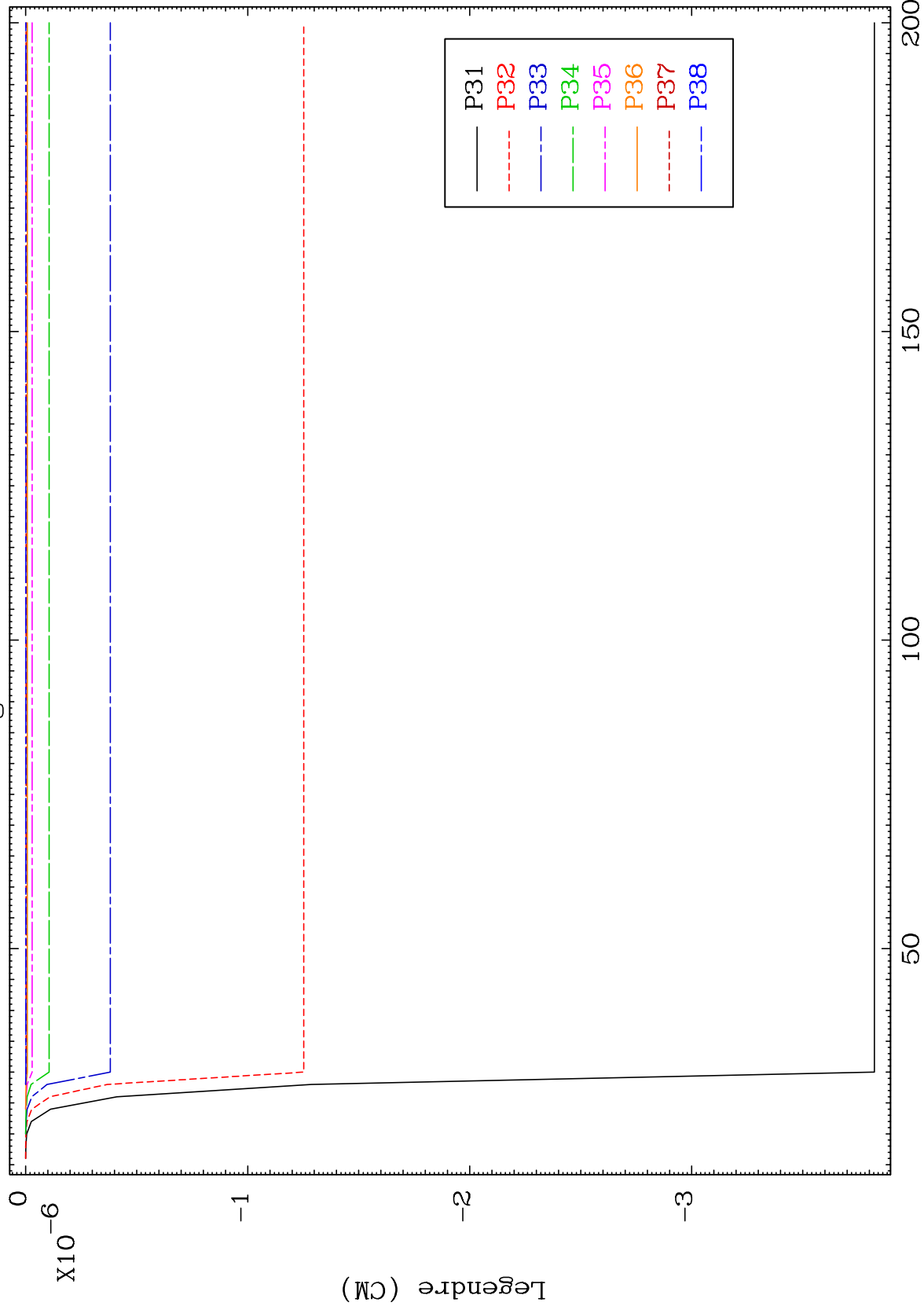
Incident Energy (MeV)

81-T1-196

MAT 8104

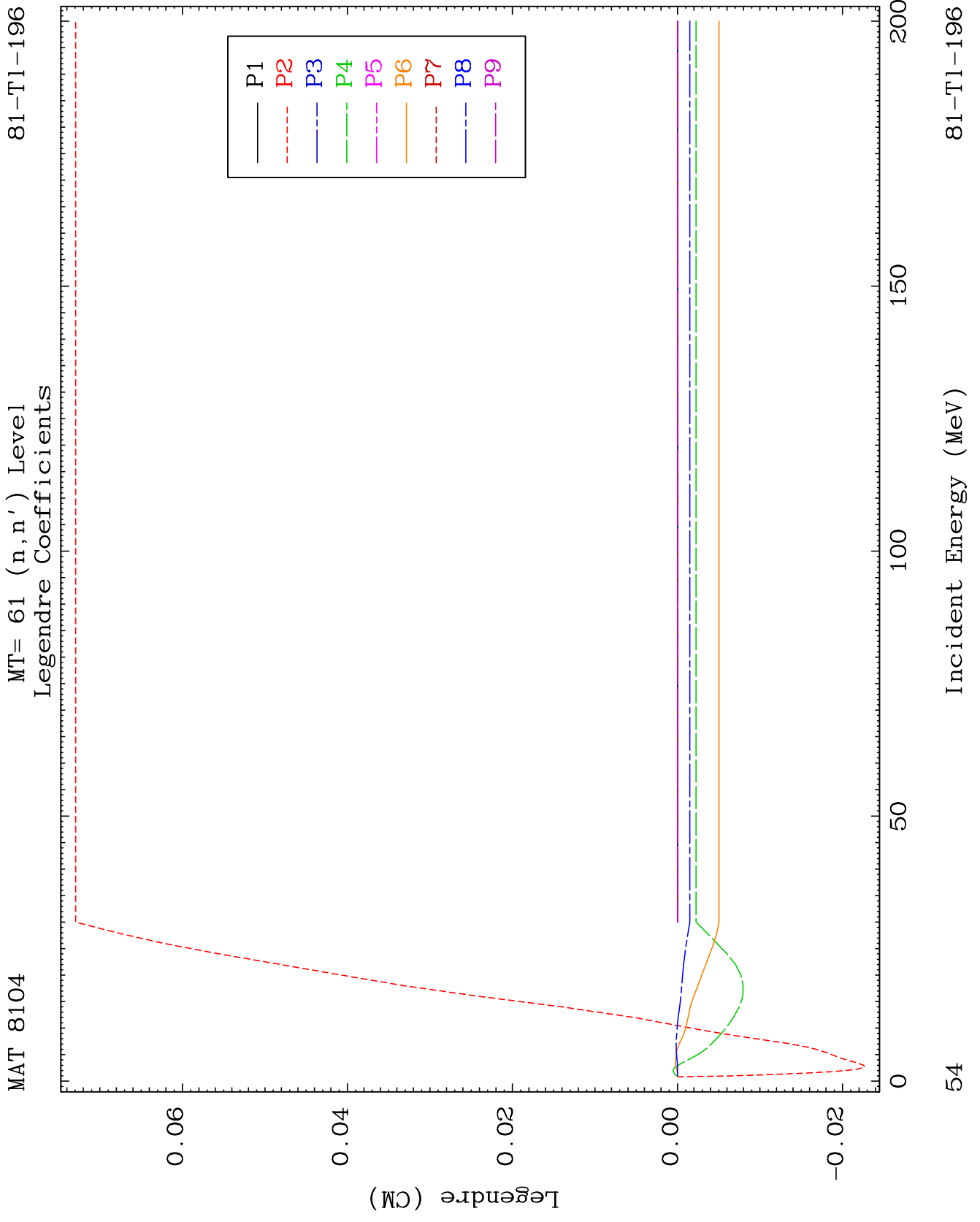
MT= 60 (n,n') Level
Legendre Coefficients

81-T1-196



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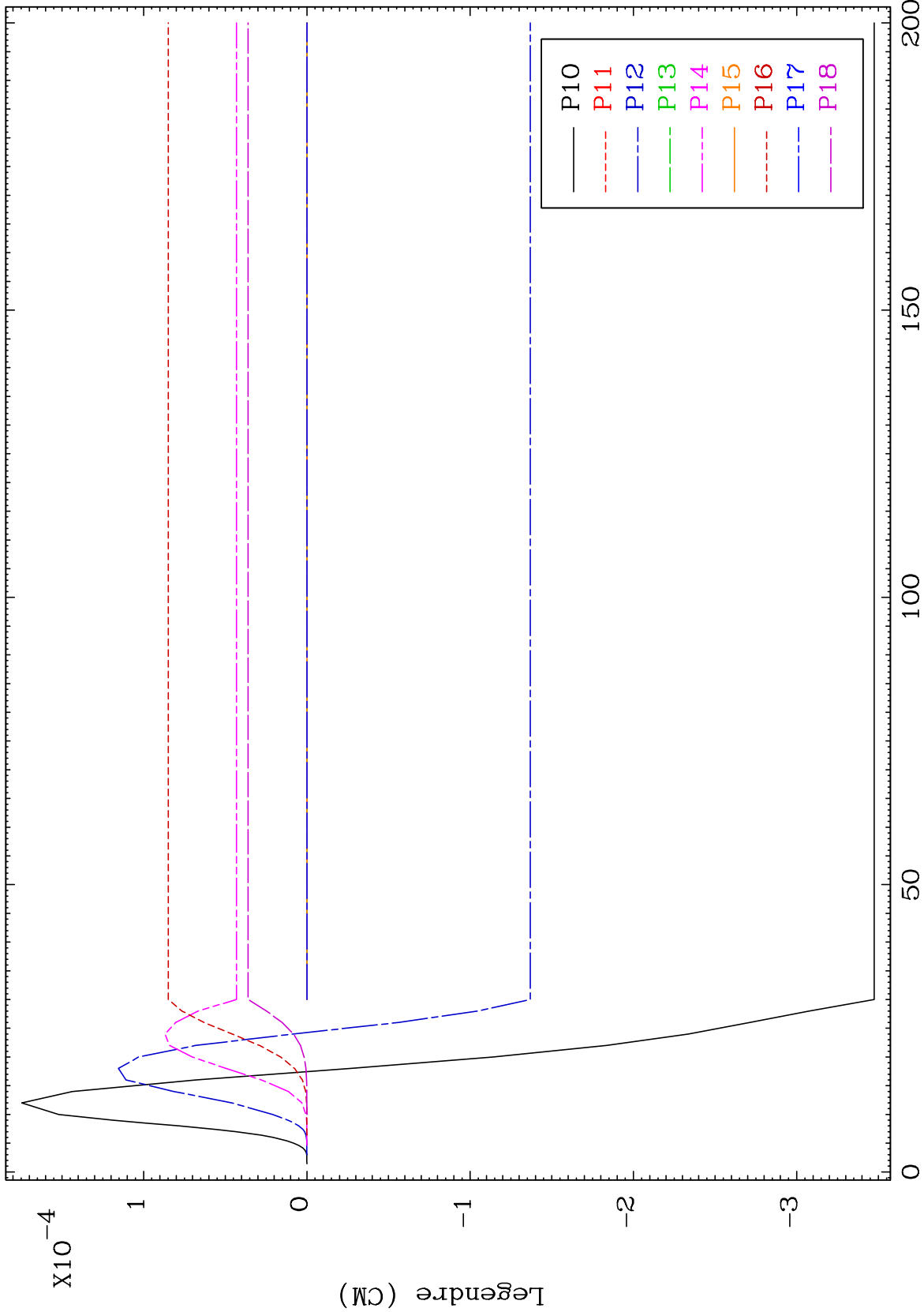
81-T1-196



MAT 8104

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

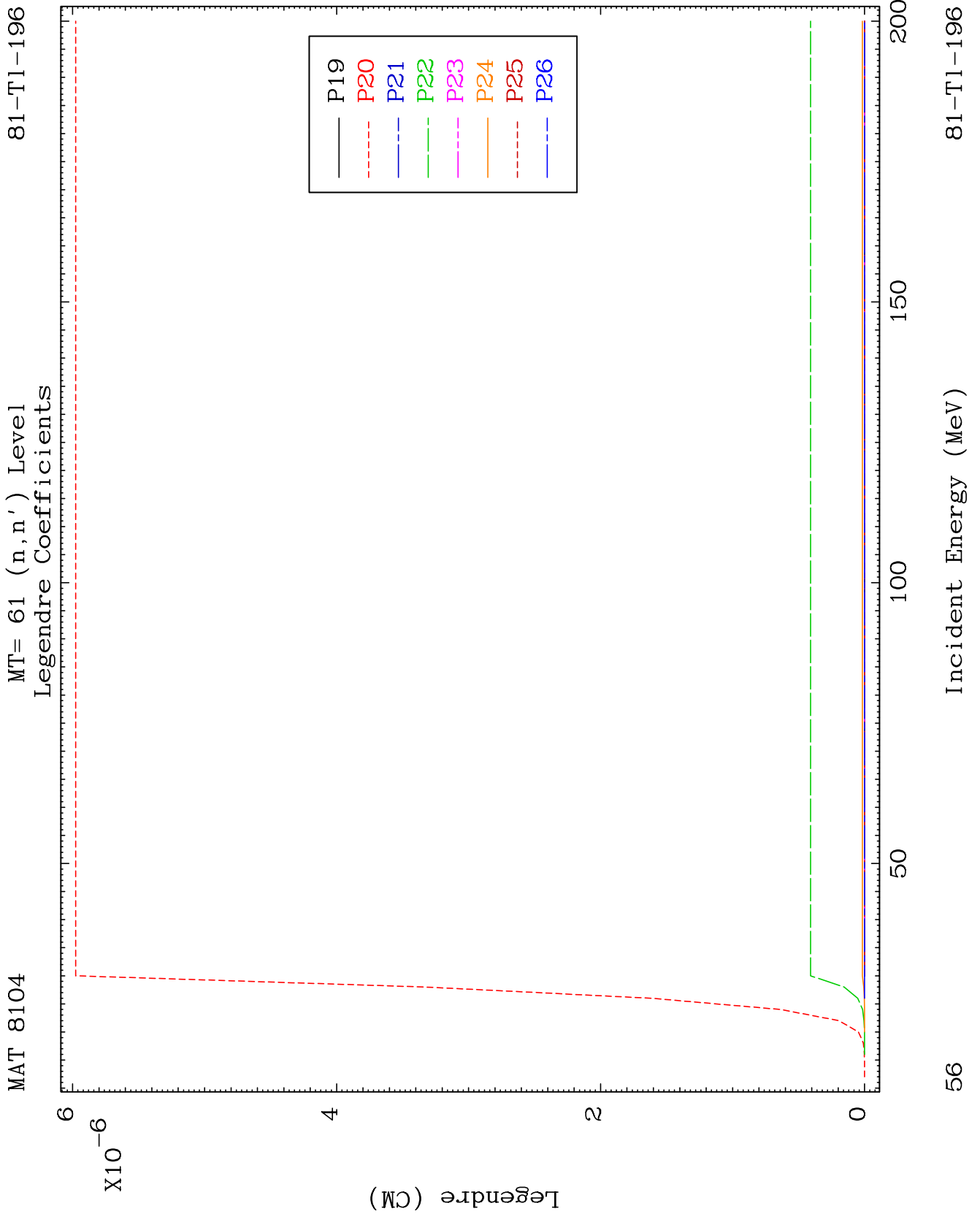
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55

Incident Energy (MeV)

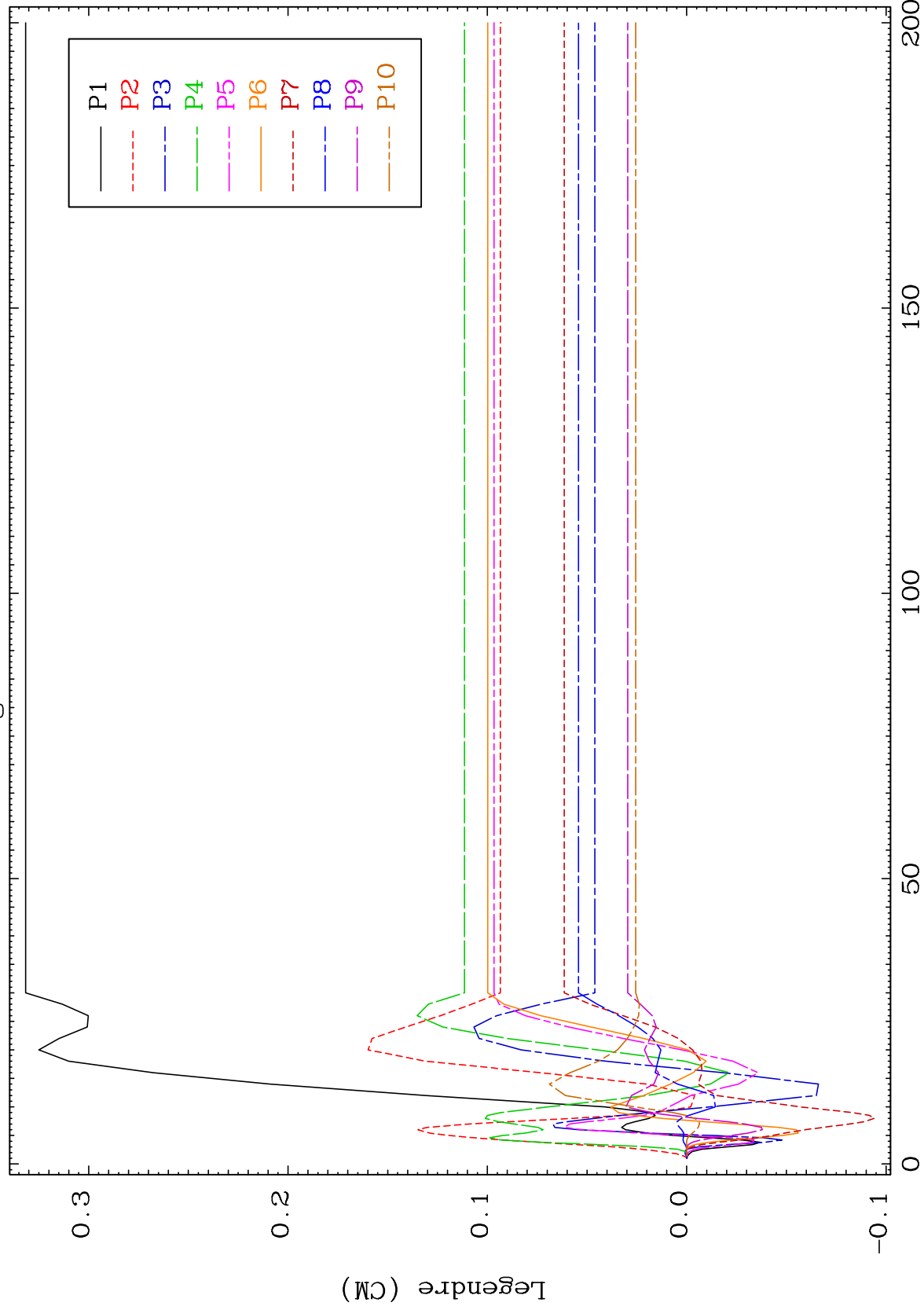
81-Tl-196



MAT 8104

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

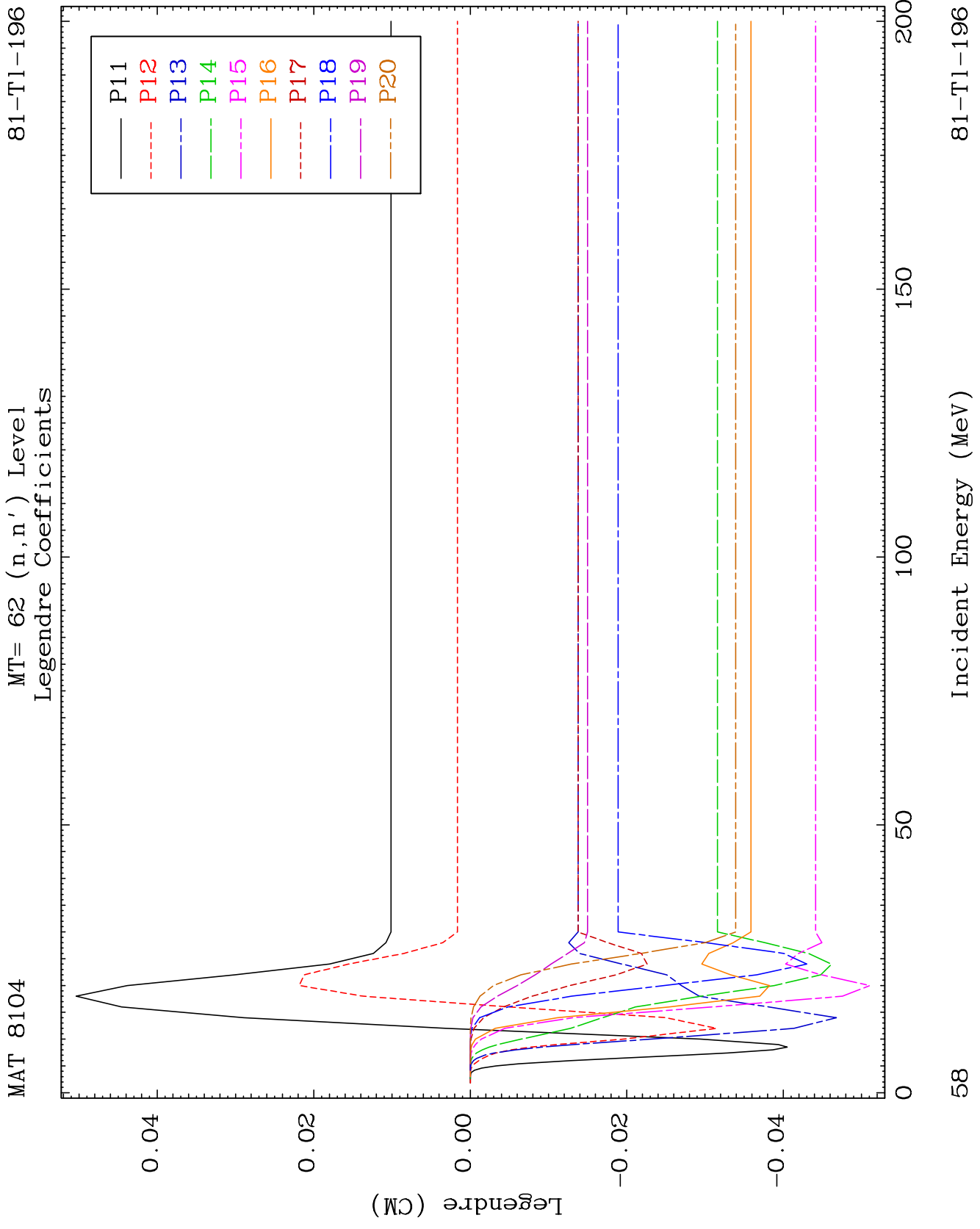
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Incident Energy (MeV)

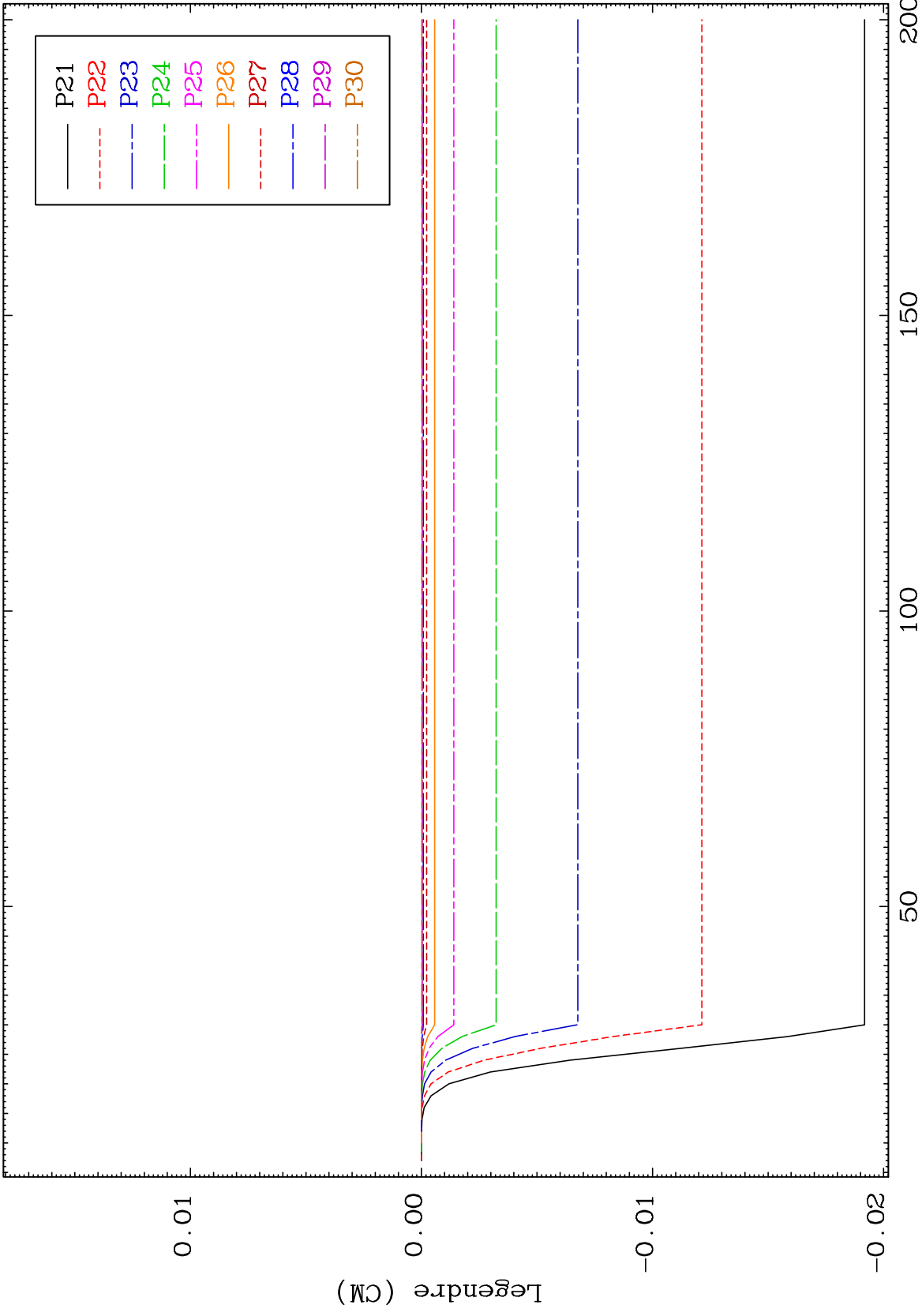
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MAT 8104

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

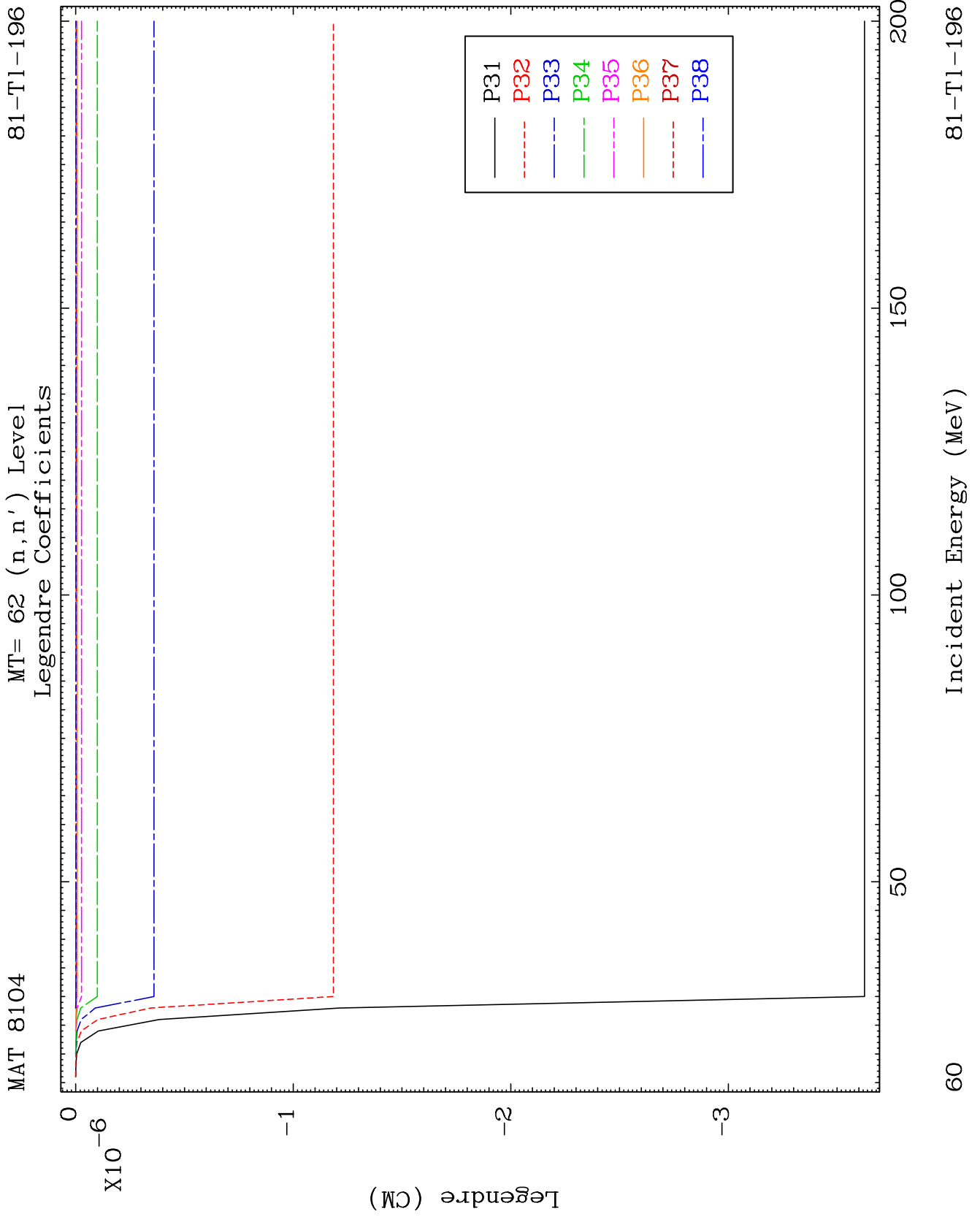
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59

Incident Energy (MeV)

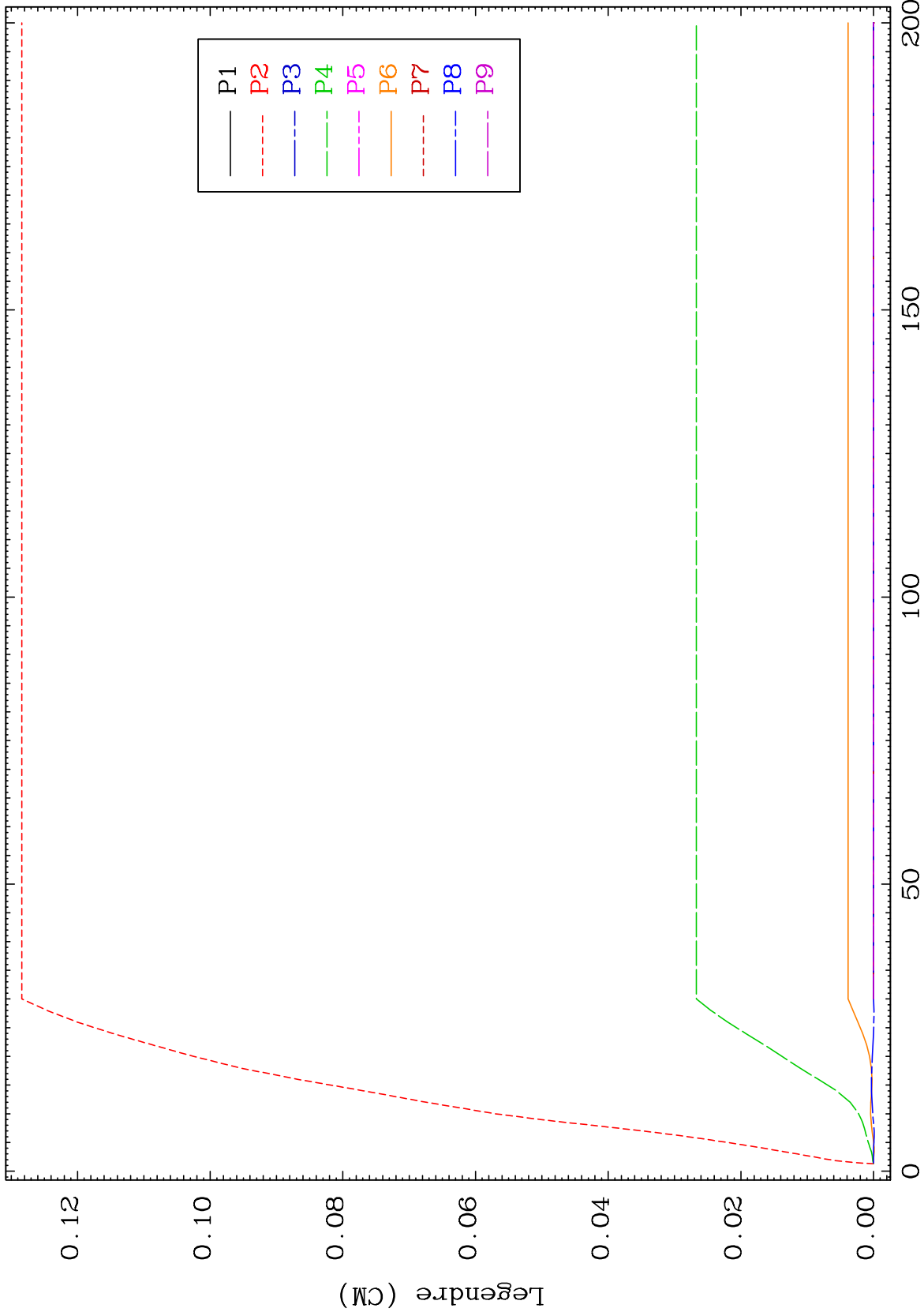
81-Tl-196



MAT 8104

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

81-T1-196



61

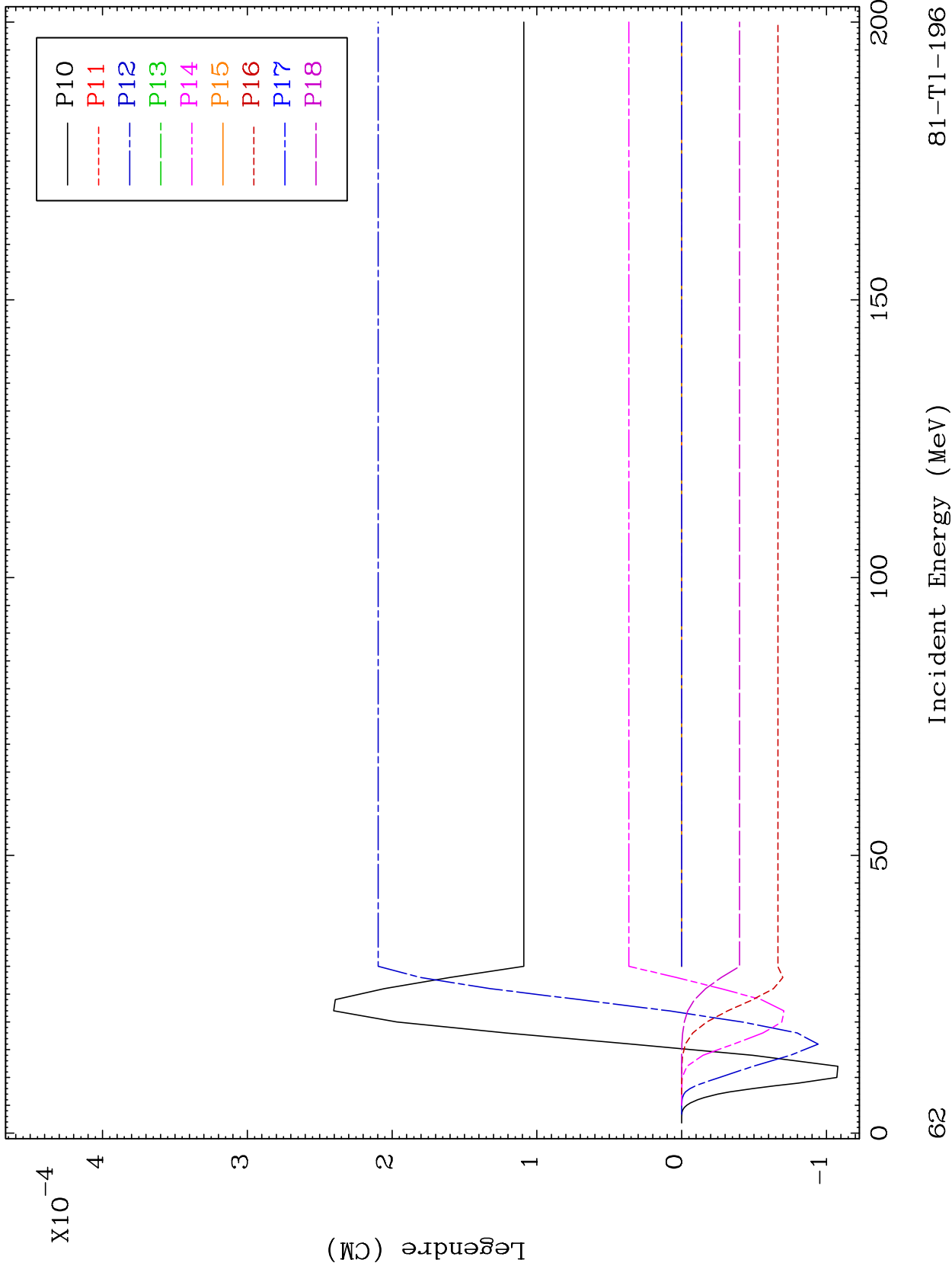
Incident Energy (MeV)

81-T1-196

MAT 8104

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

81-T1-196



81-T1-196

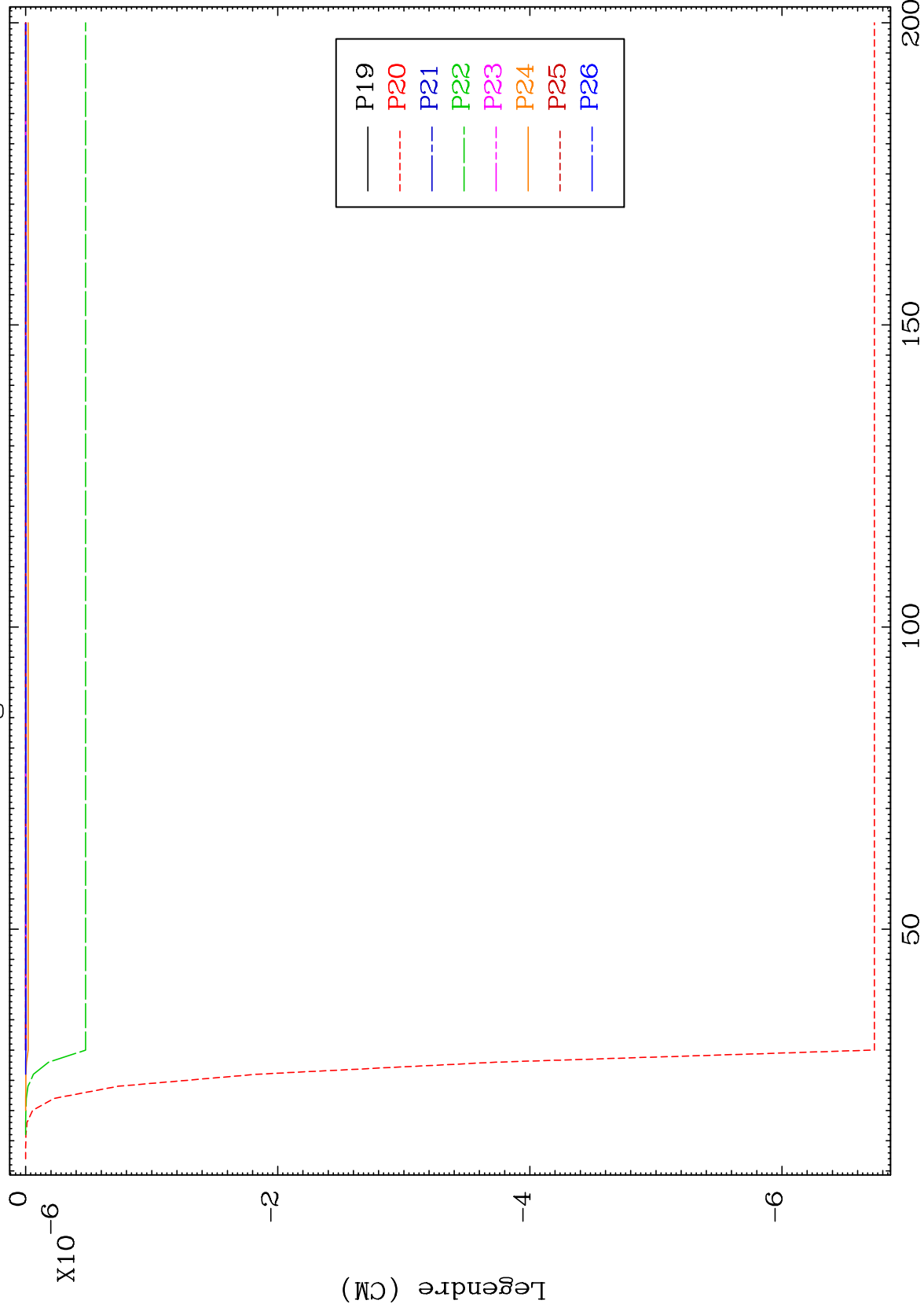
Incident Energy (MeV)

62

MAT 8104

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

81-T1-196



63

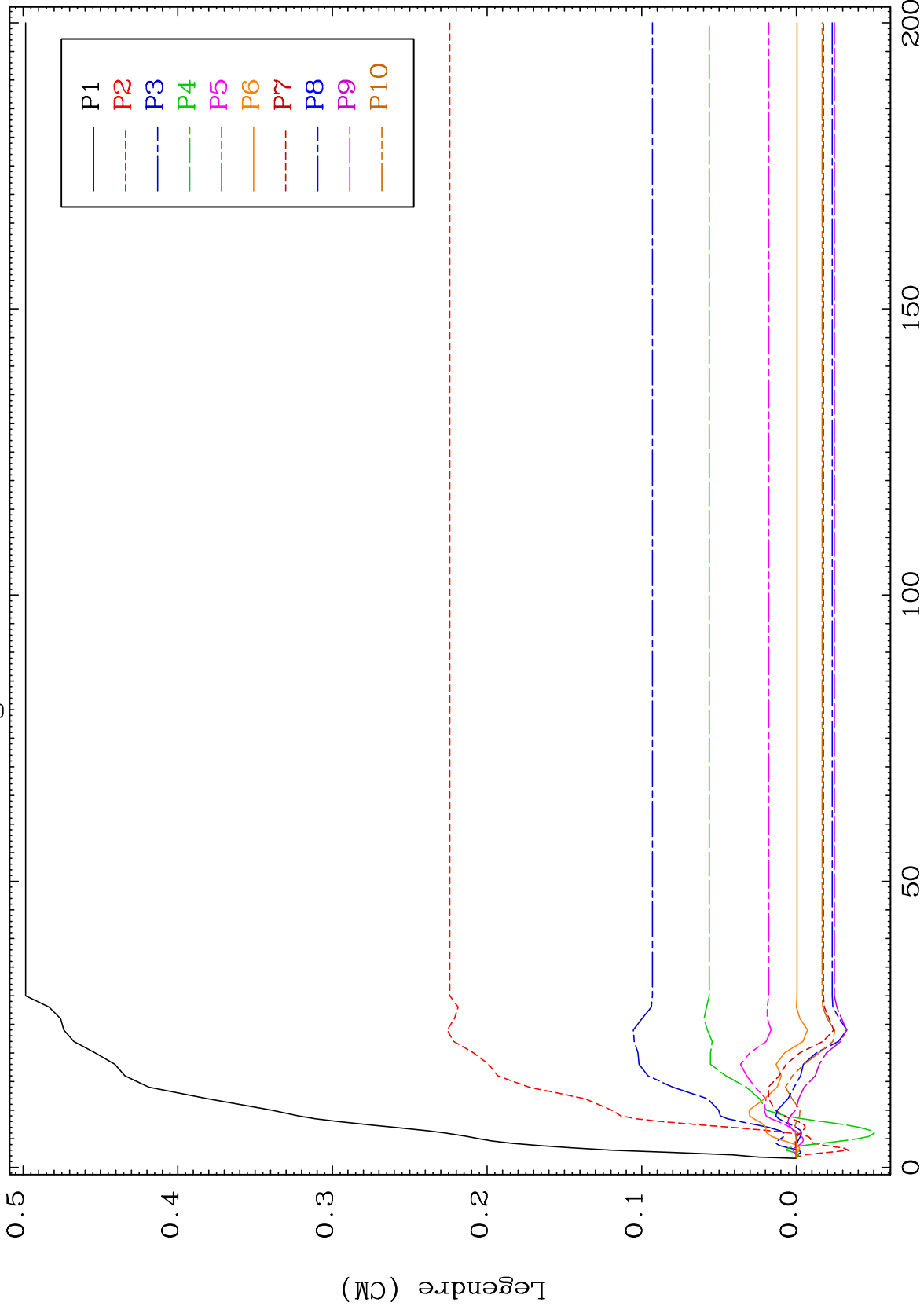
Incident Energy (MeV)

81-T1-196

MAT 8104

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

81-T1-196



81-T1-196

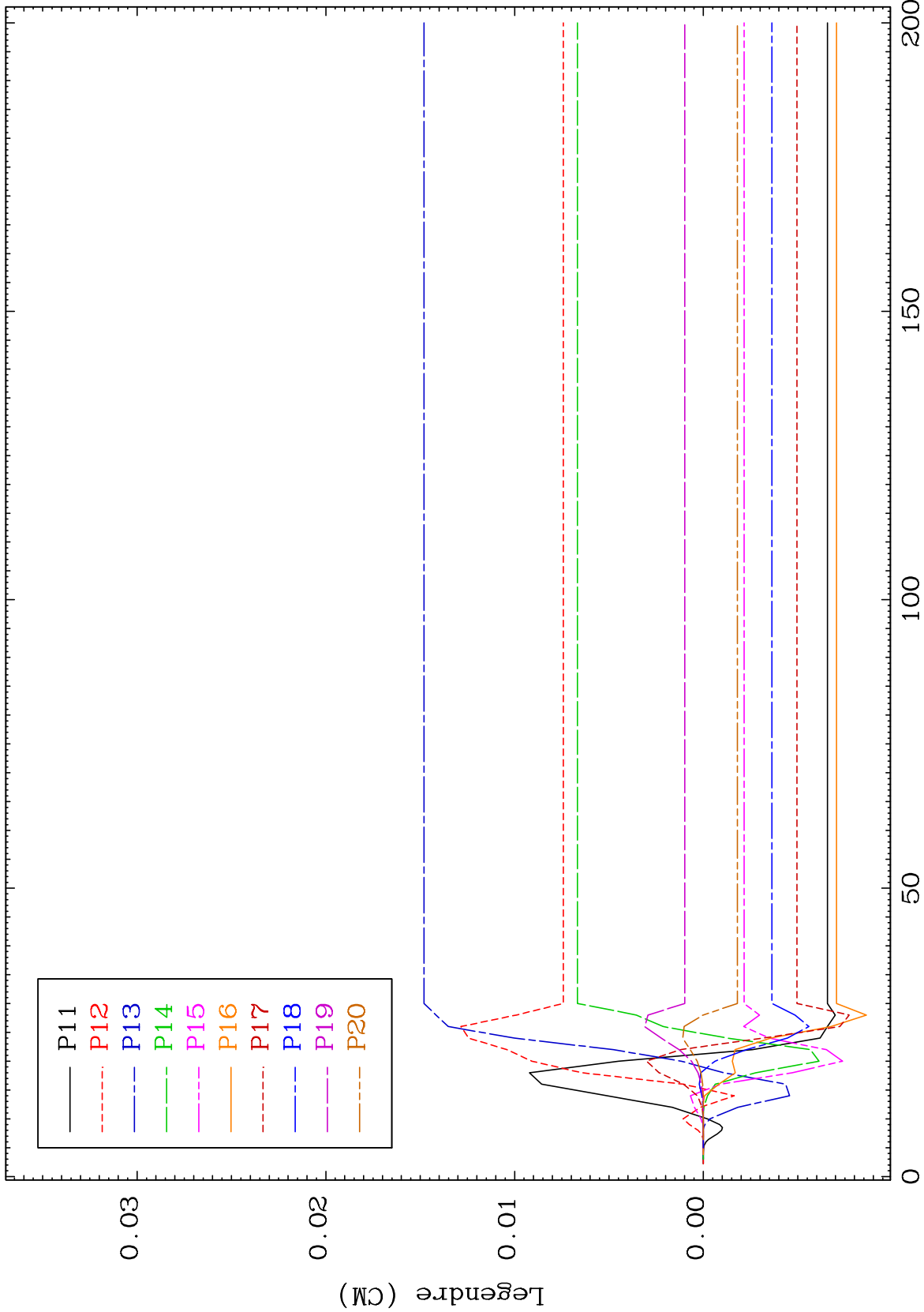
Incident Energy (MeV)

64

MAT 8104

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

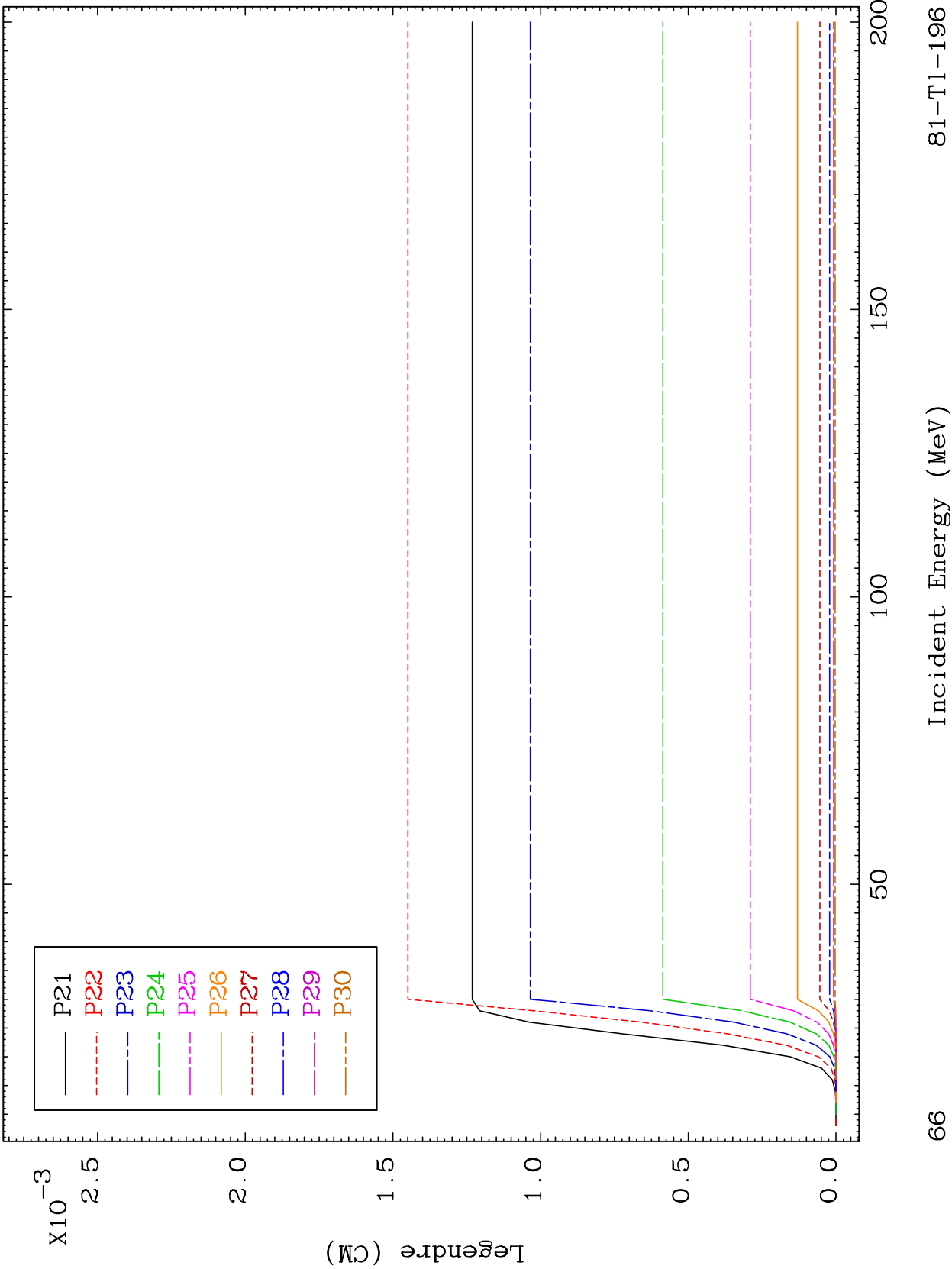
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65

Incident Energy (MeV)

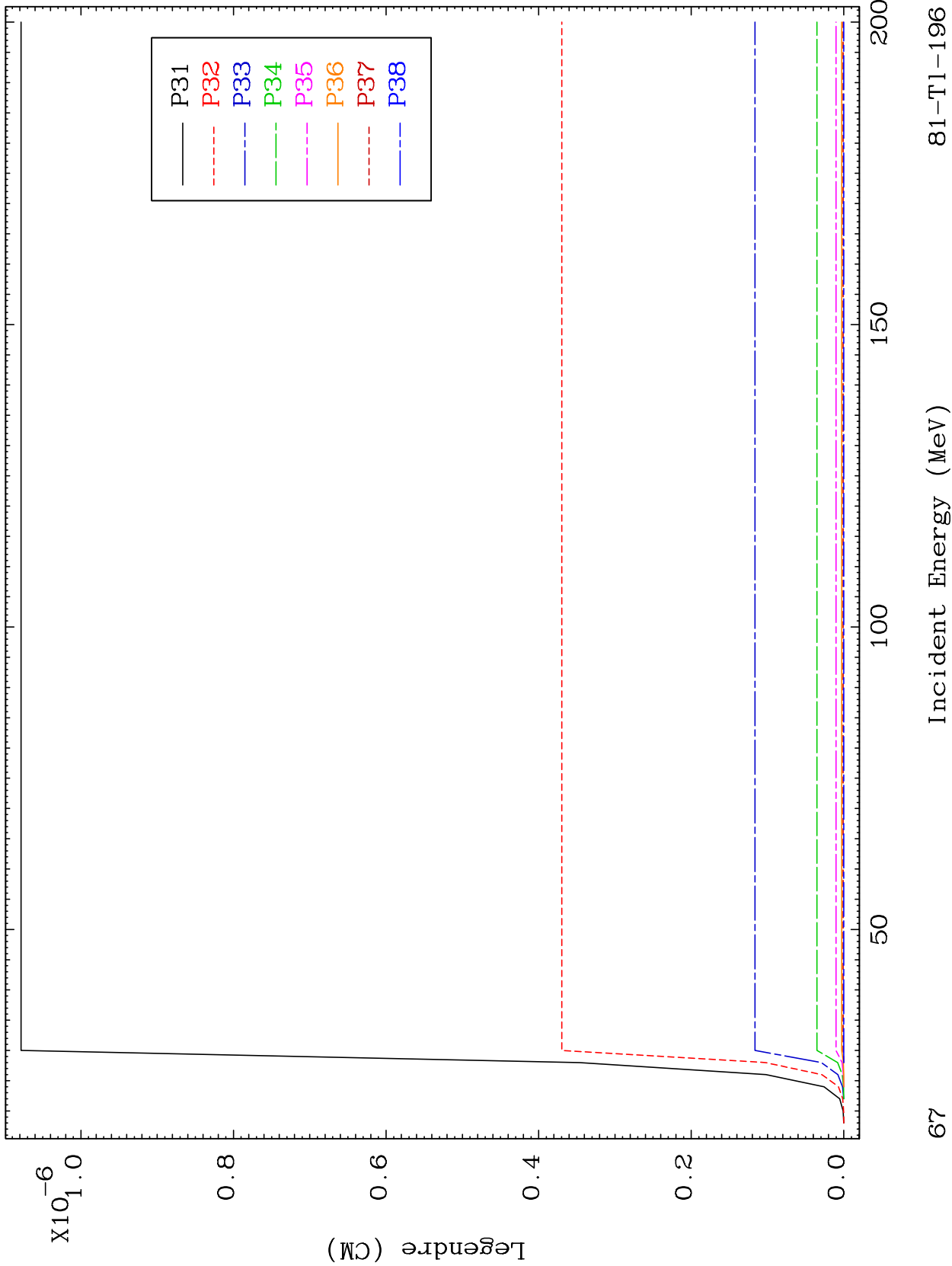
81-Tl-196



MAT 8104

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

81-T1-196



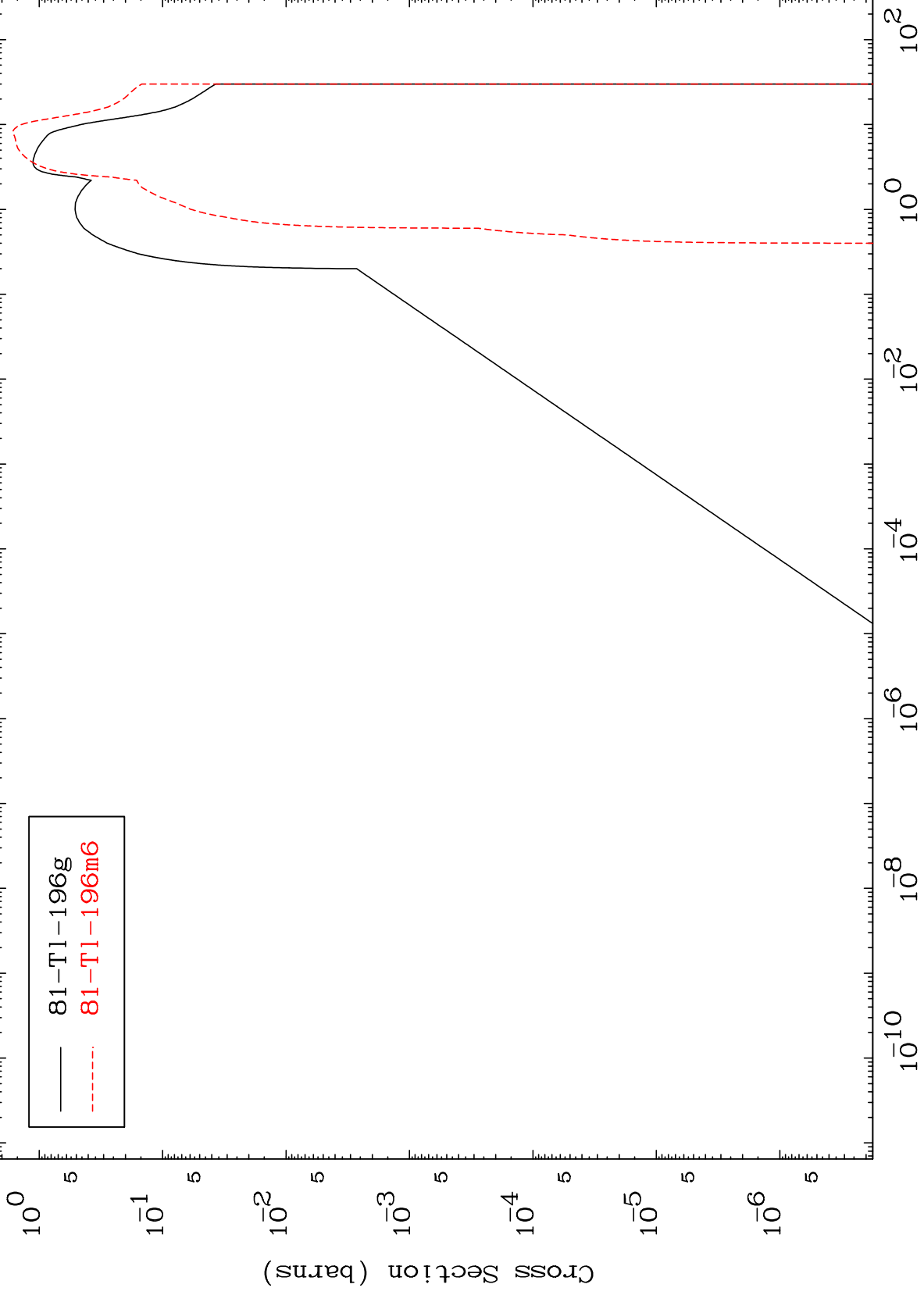
67

81-T1-196

MAT 8104

Inelastic
Radionuclide Production Cross Section

81-Tl-196



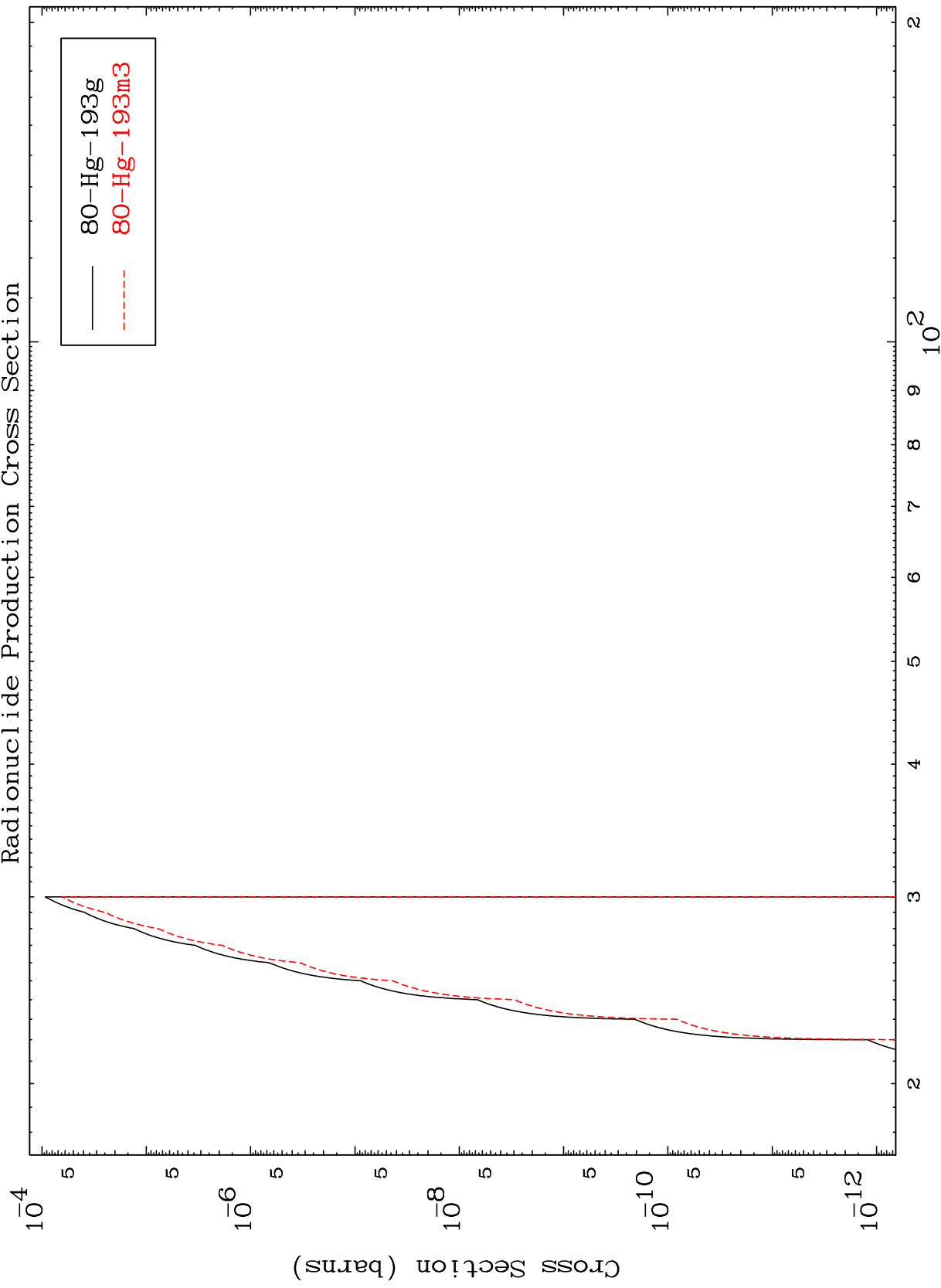
81-Tl-196g
81-Tl-196m6

MAT 8104

(n,2n) d

81-T1-196

Radionuclide Production Cross Section

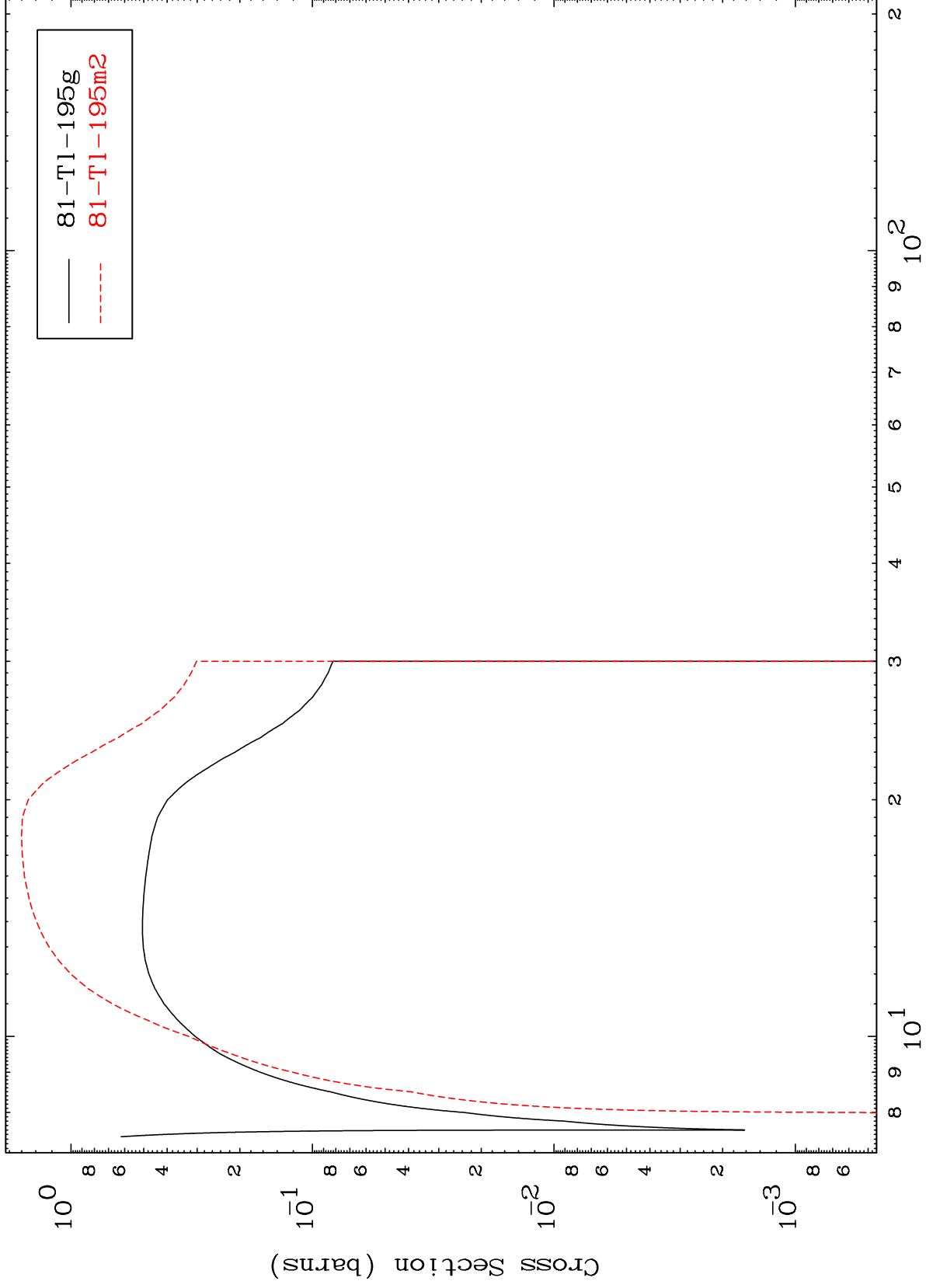


69

Incident Energy (MeV)

81-T1-196

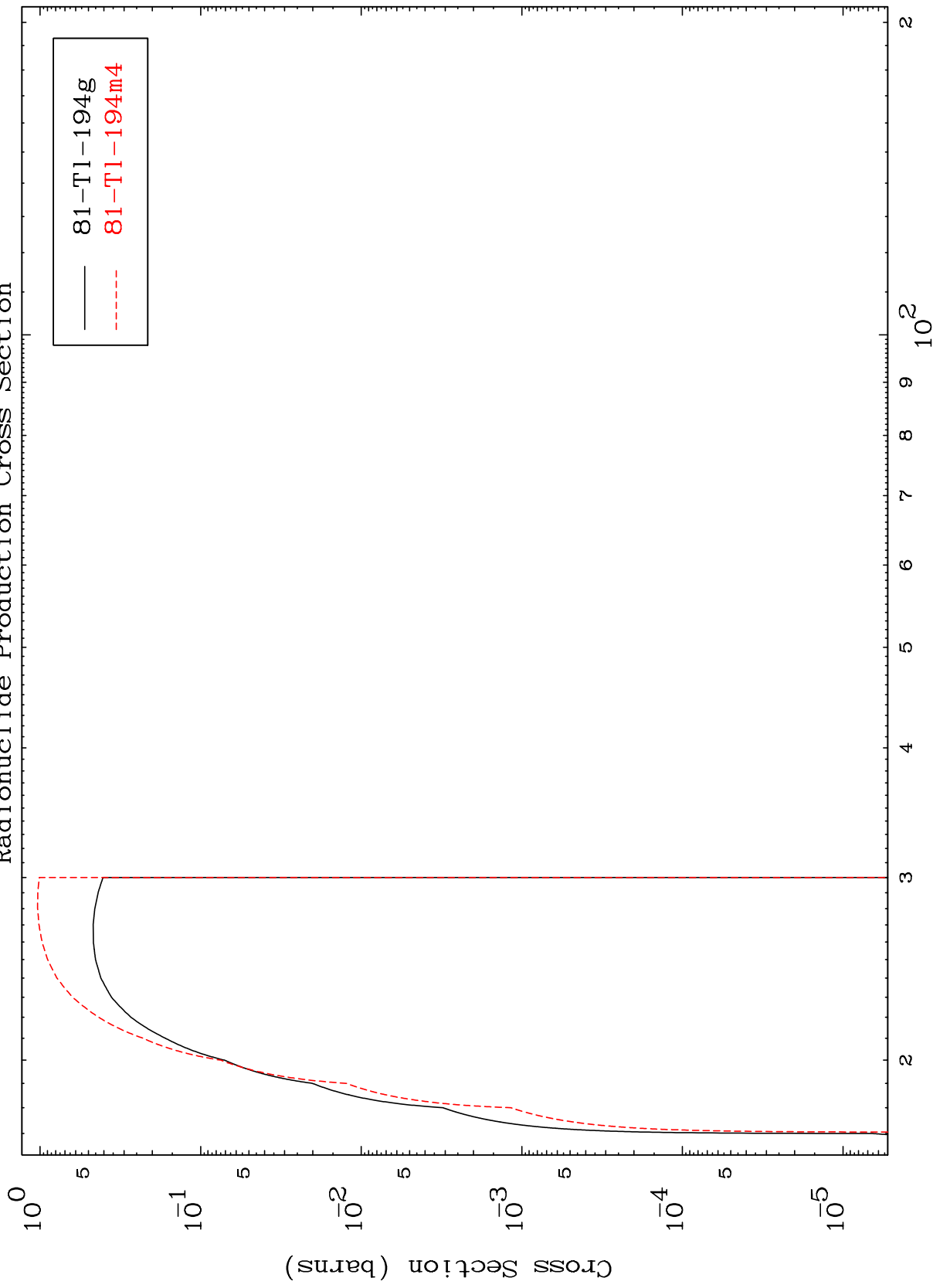
(n,2n)
Radionuclide Production Cross Section



MAT 8104

81-Tl-196

(n,3n)
Radionuclide Production Cross Section



71

Incident Energy (MeV)

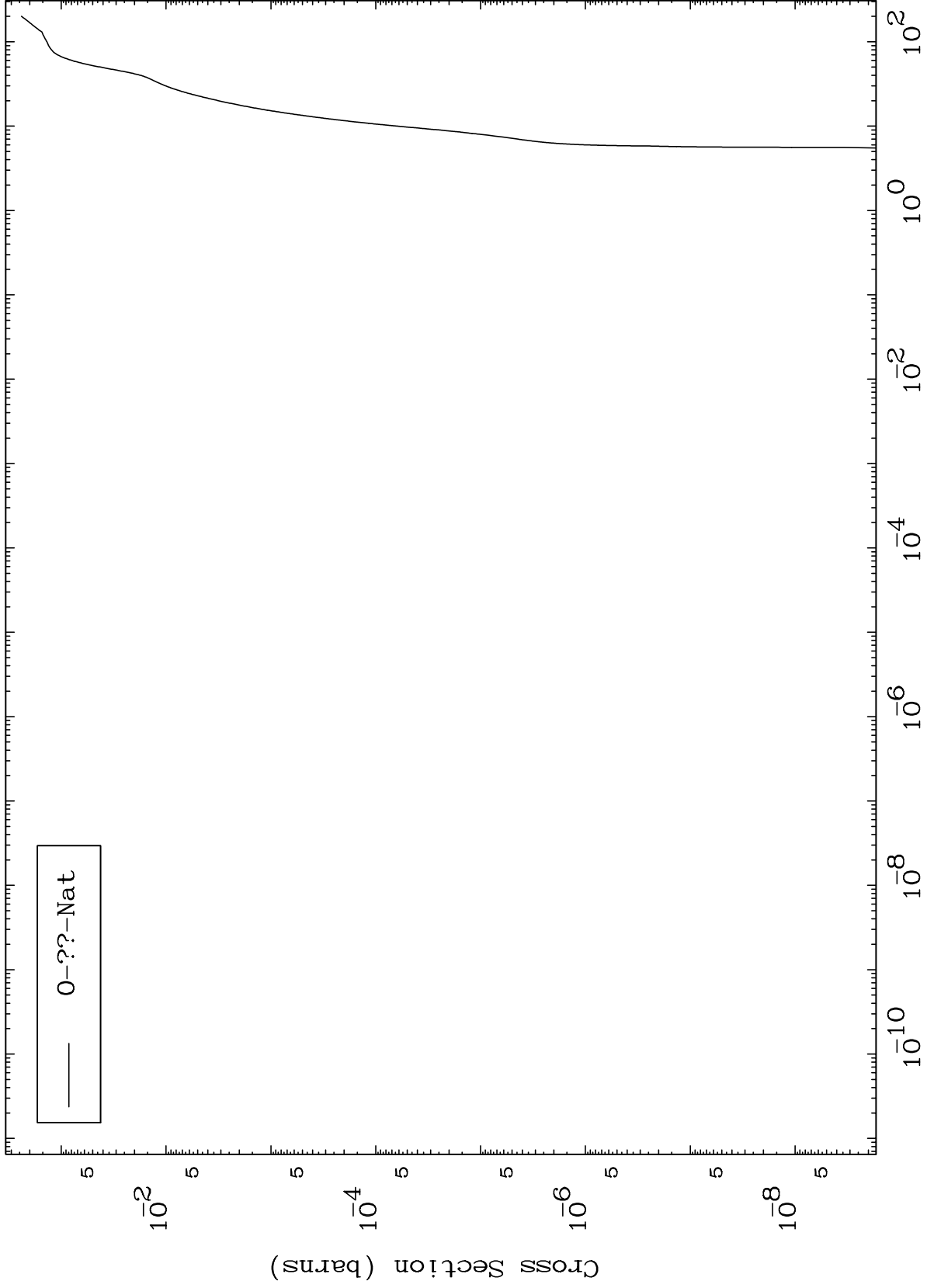
81-Tl-196

MAT 8104

Fission

81-Tl-196

Radionuclide Production Cross Section



72

Incident Energy (MeV)

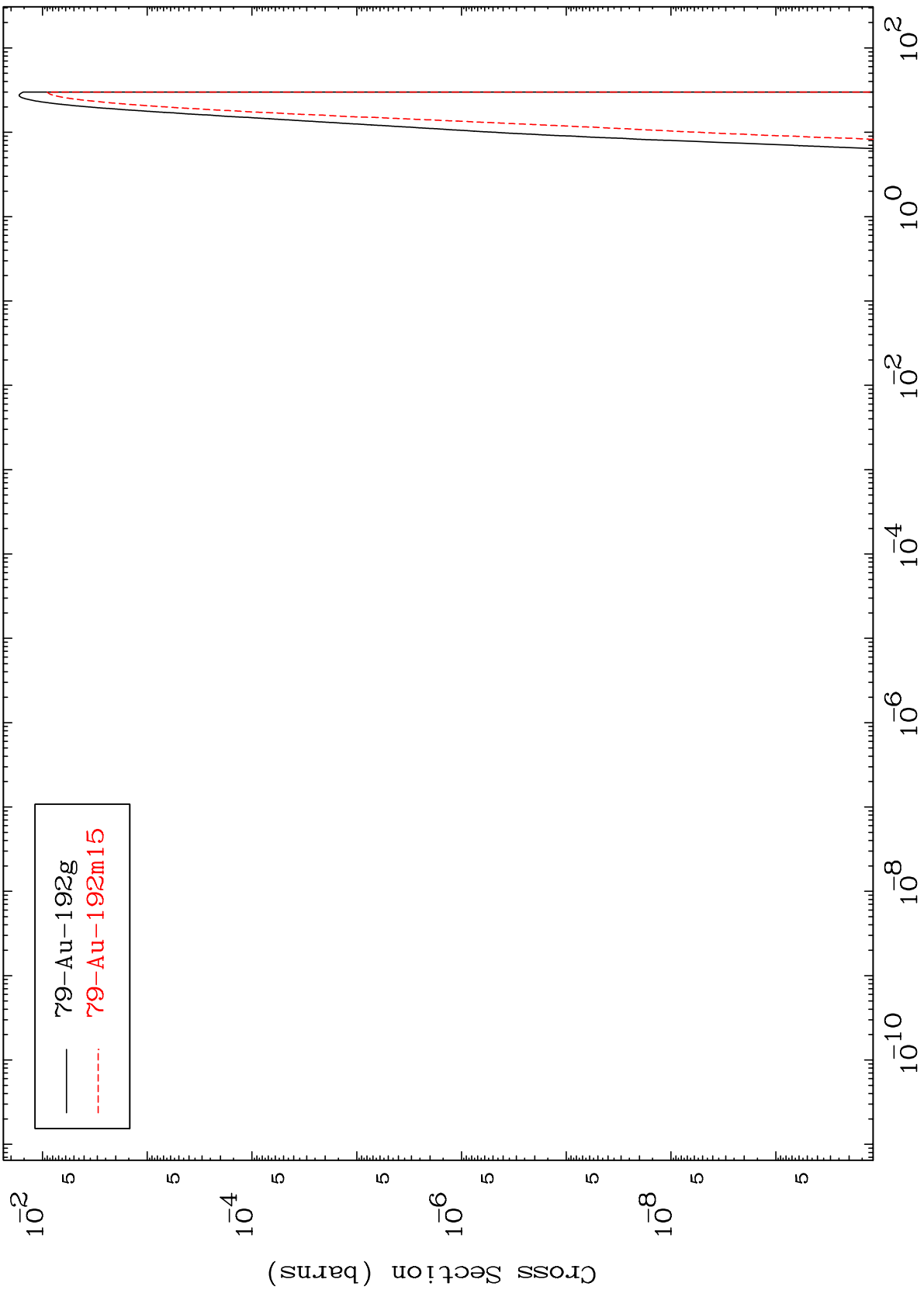
81-Tl-196

MAT 8104

$(n, n') \alpha$

81-Tl-196

Radionuclide Production Cross Section



— ^{192}gAu
- - - $^{192}\text{m15Au}$

73

Incident Energy (MeV)

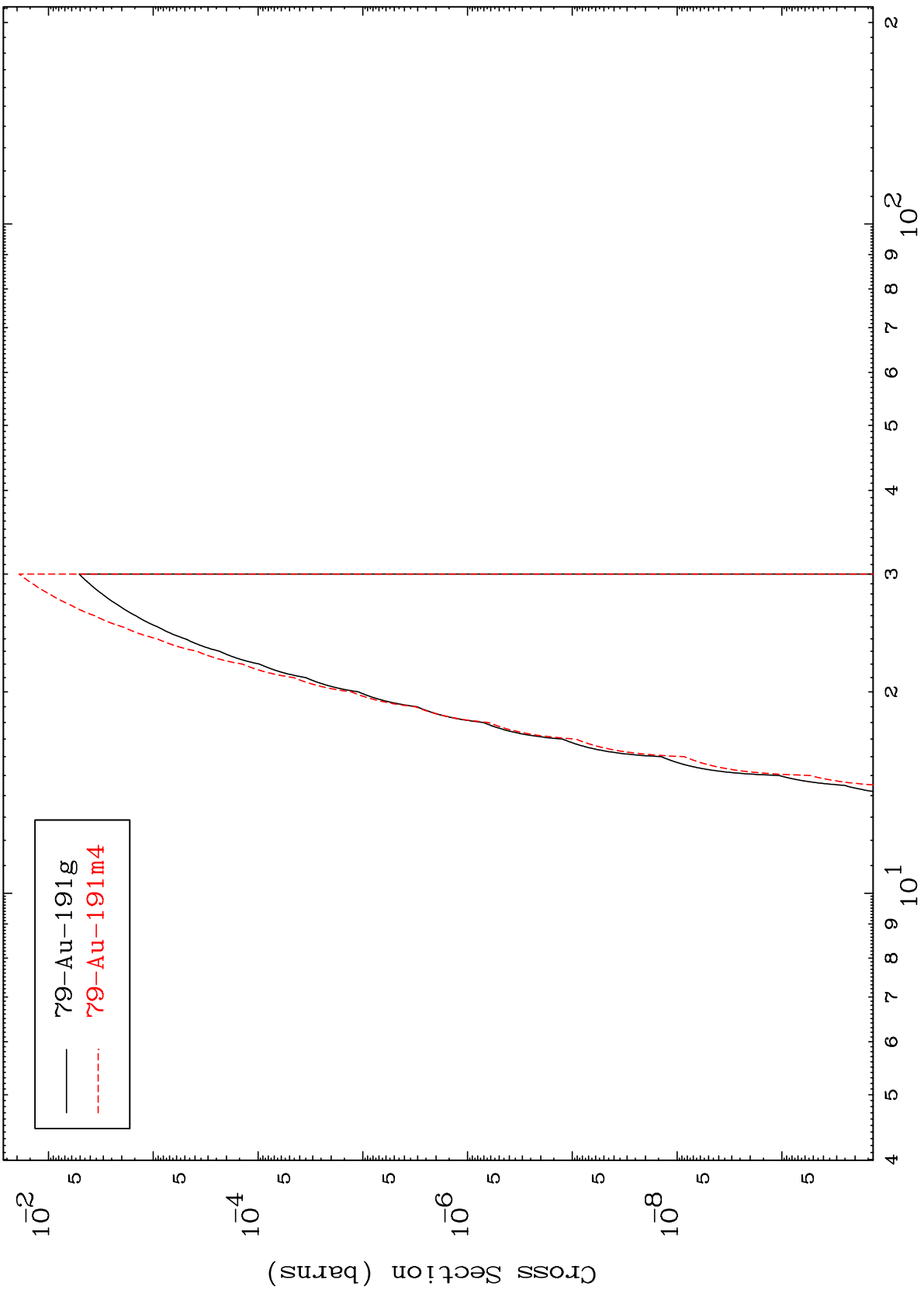
81-Tl-196

MAT 8104

(n,2n) α

81-Tl-196

Radionuclide Production Cross Section



79-Au-191g
79-Au-191m4

74

Incident Energy (MeV)

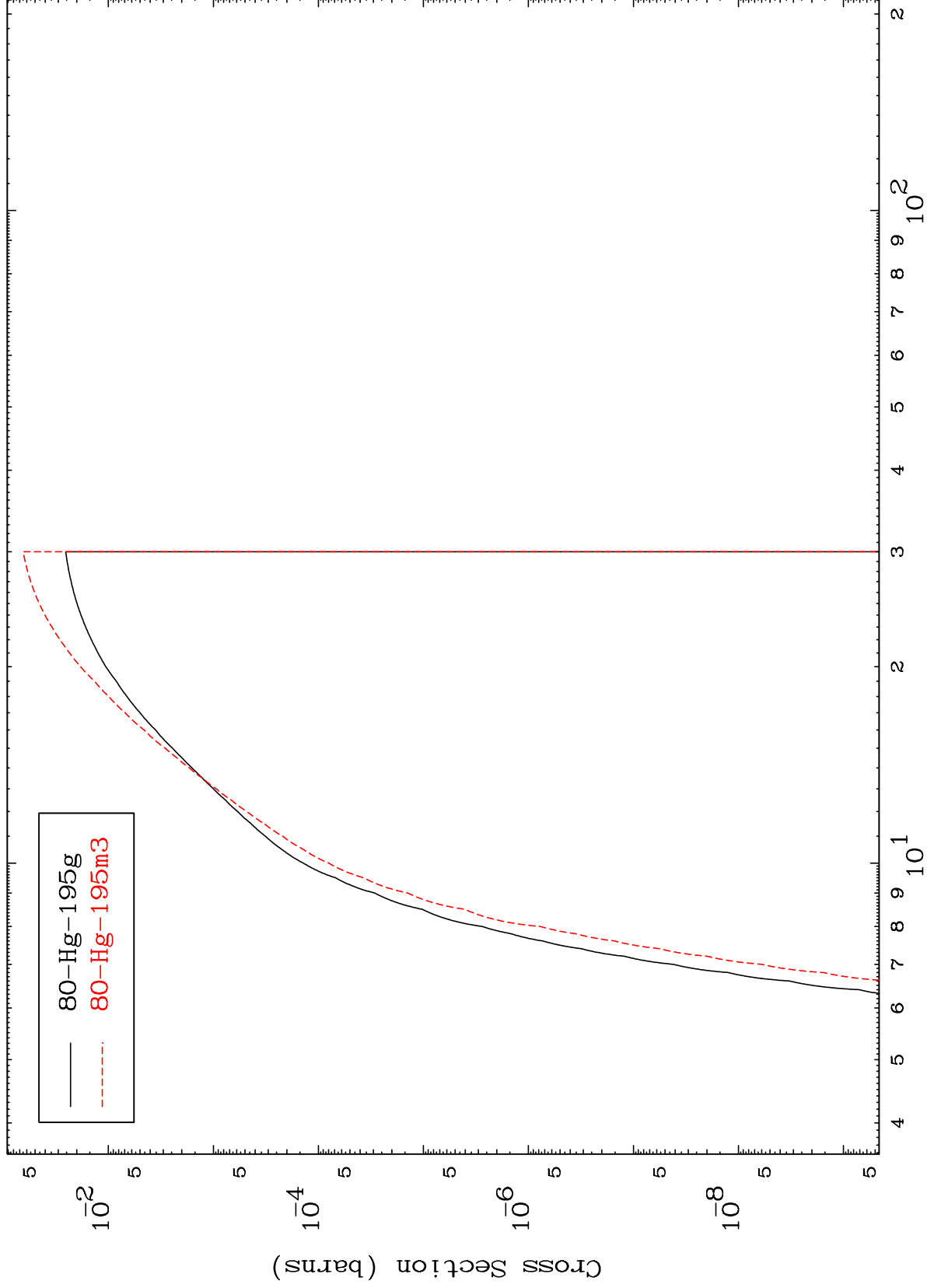
81-Tl-196

MAT 8104

(n,n') p

81-T1-196

Radionuclide Production Cross Section

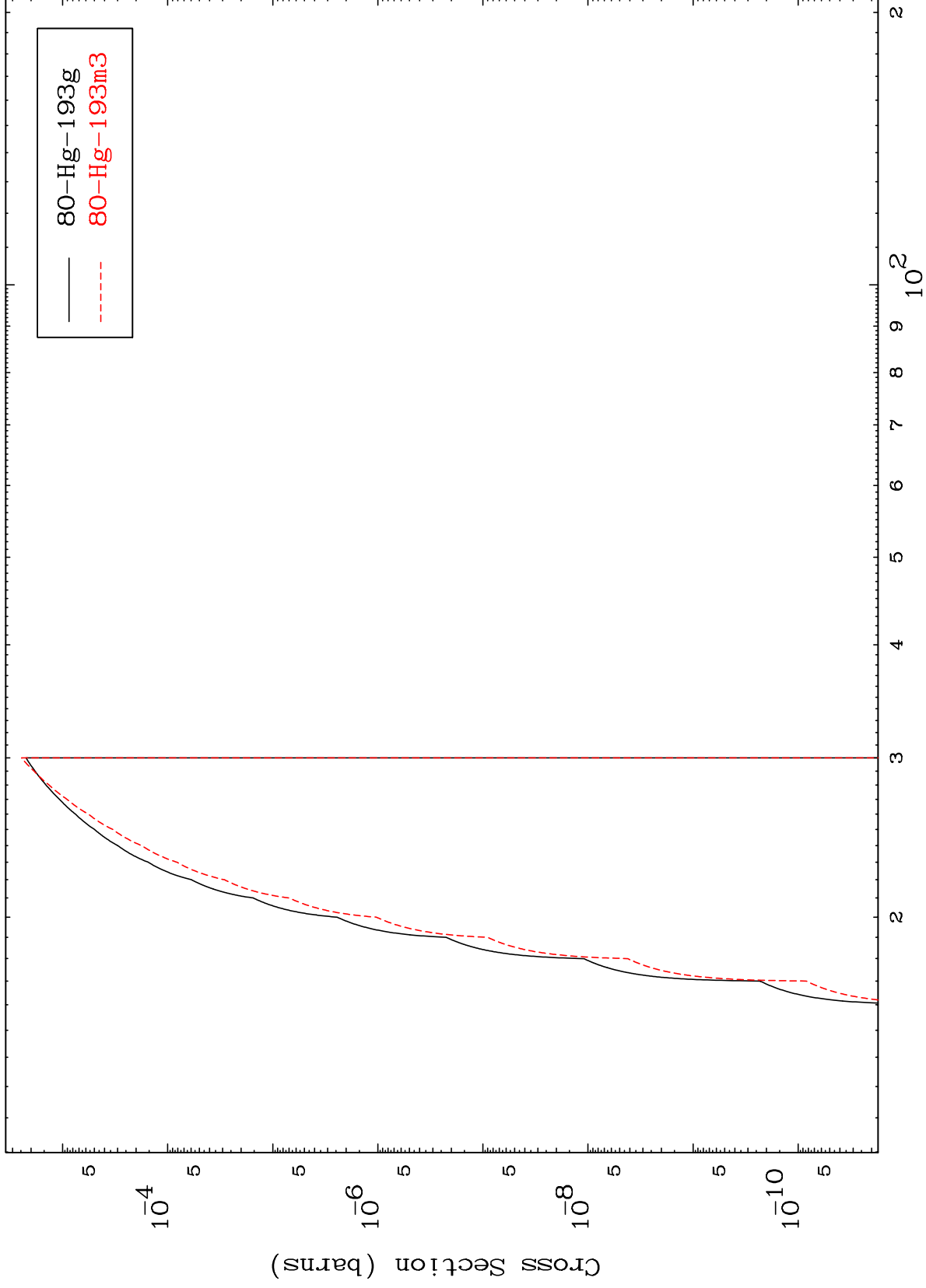


75

Incident Energy (MeV)

81-T1-196

Radionuclide Production Cross Section

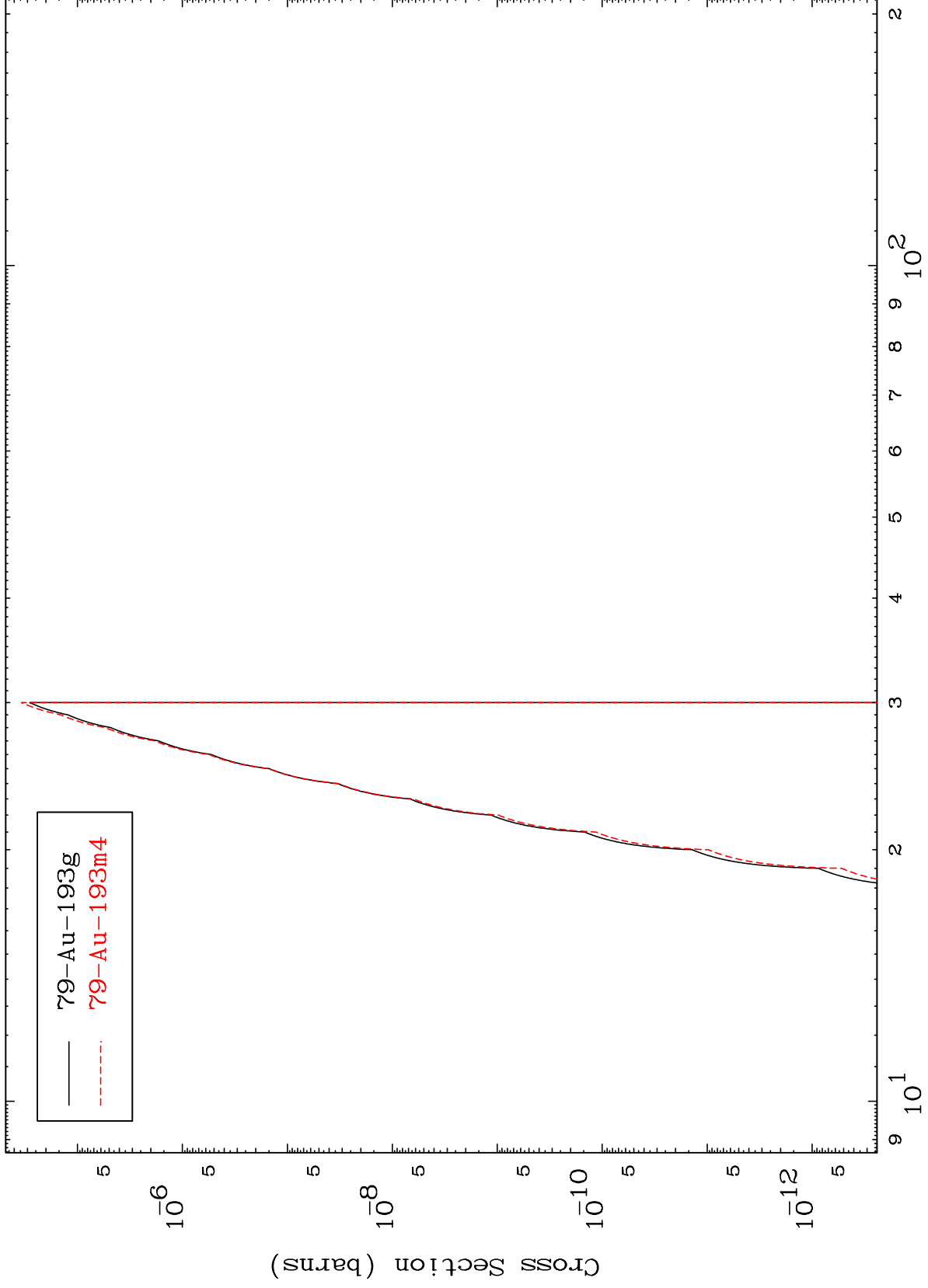


MAT 8104

(n,n') He-3

81-T1-196

Radionuclide Production Cross Section



77

Incident Energy (MeV)

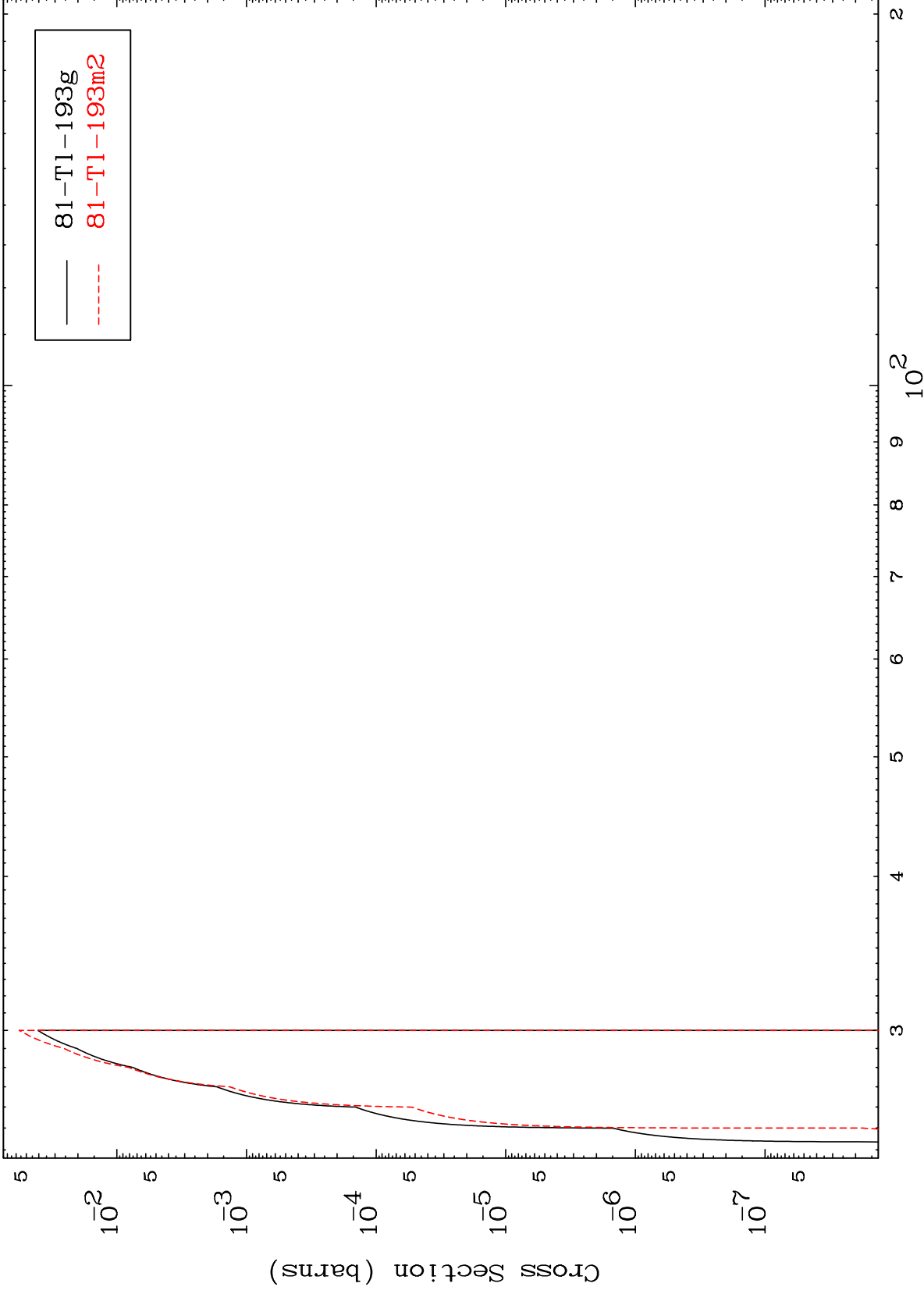
81-T1-196

MAT 8104

(n,4n)

81-Tl-196

Radionuclide Production Cross Section



81-Tl-193g
81-Tl-193m2

78

Incident Energy (MeV)

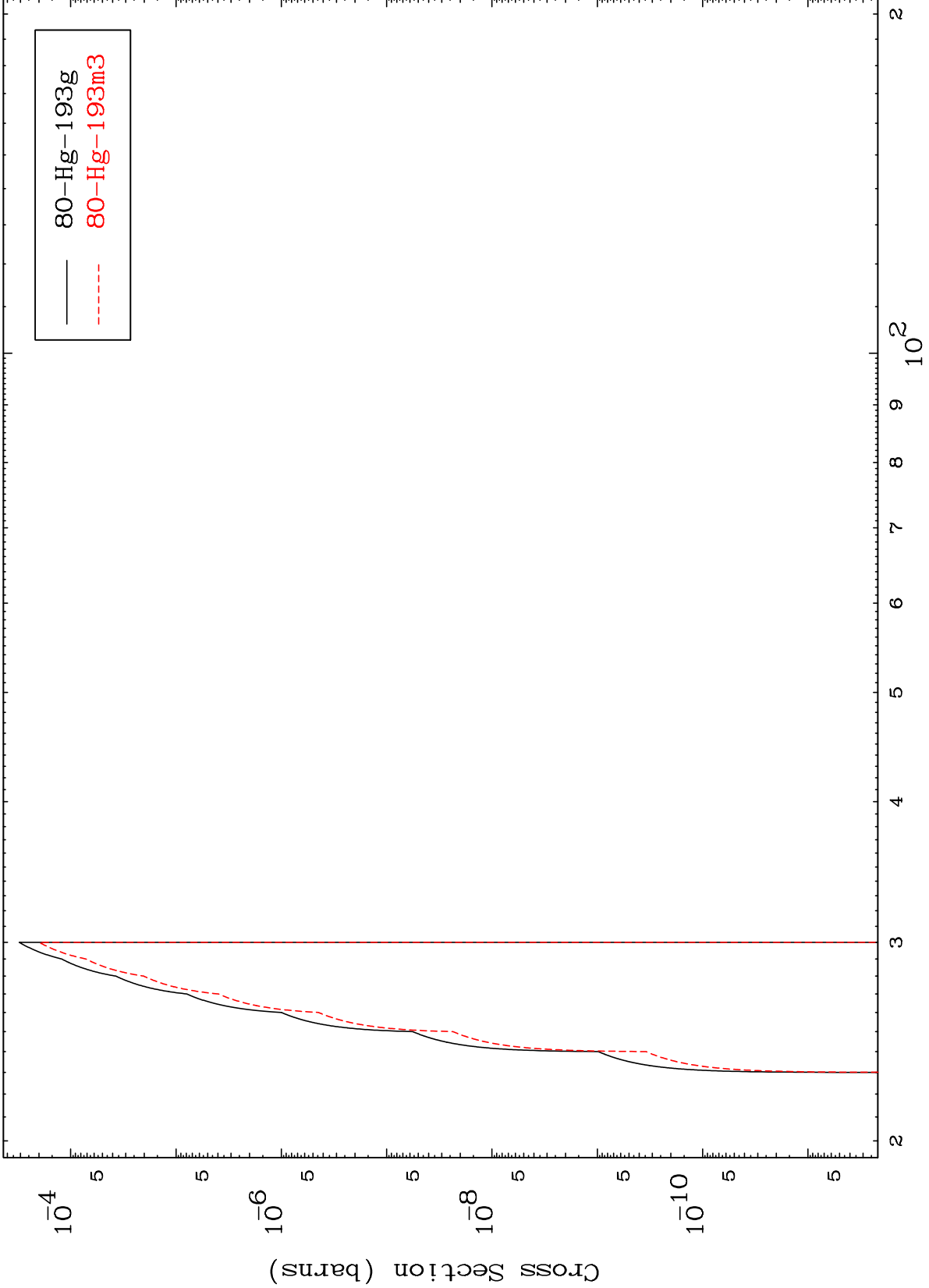
81-Tl-196

MAT 8104

(n,3n) p

81-Tl-196

Radionuclide Production Cross Section



79

Incident Energy (MeV)

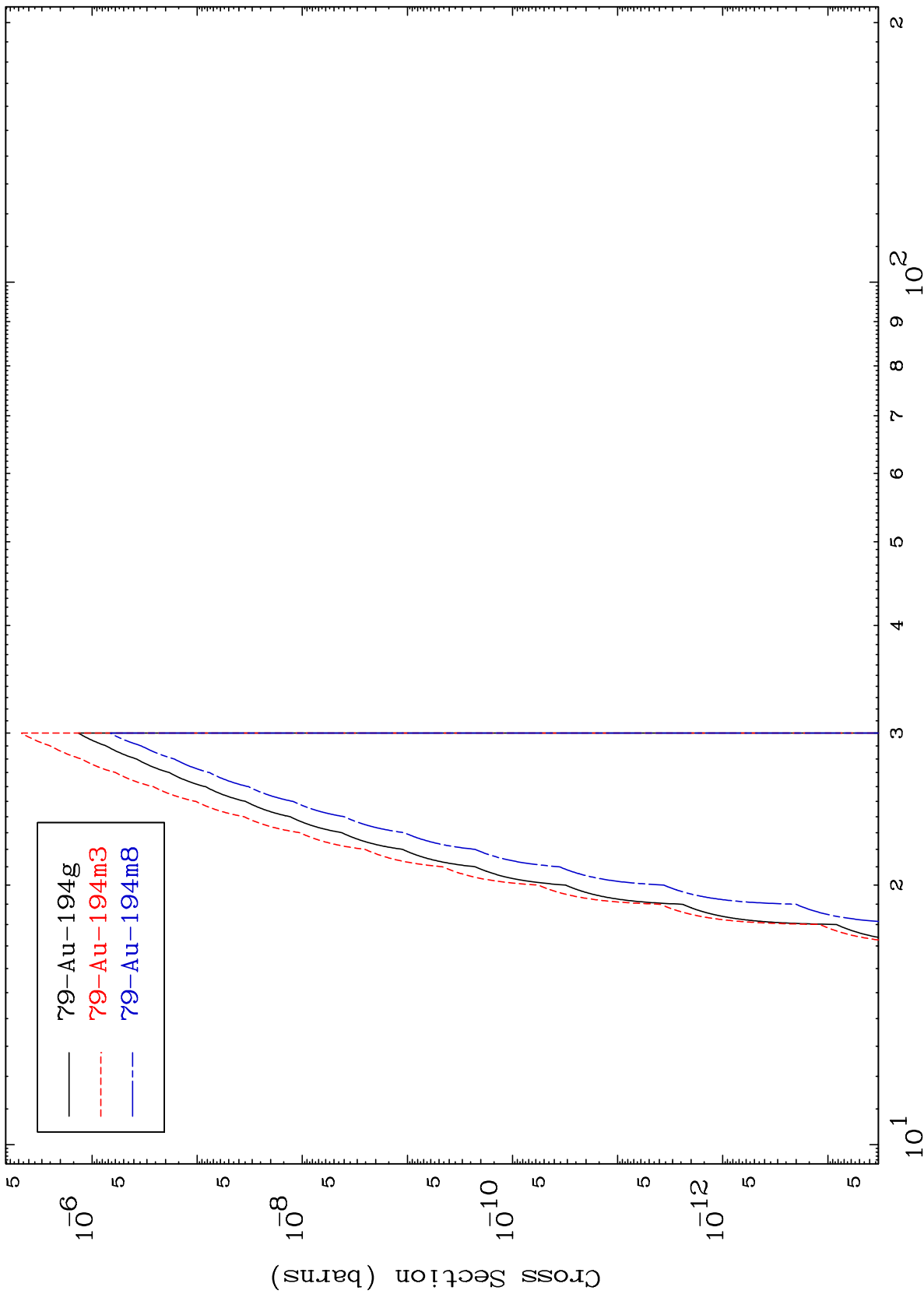
81-Tl-196

MAT 8104

(n,2n) p

81-Tl-196

Radionuclide Production Cross Section



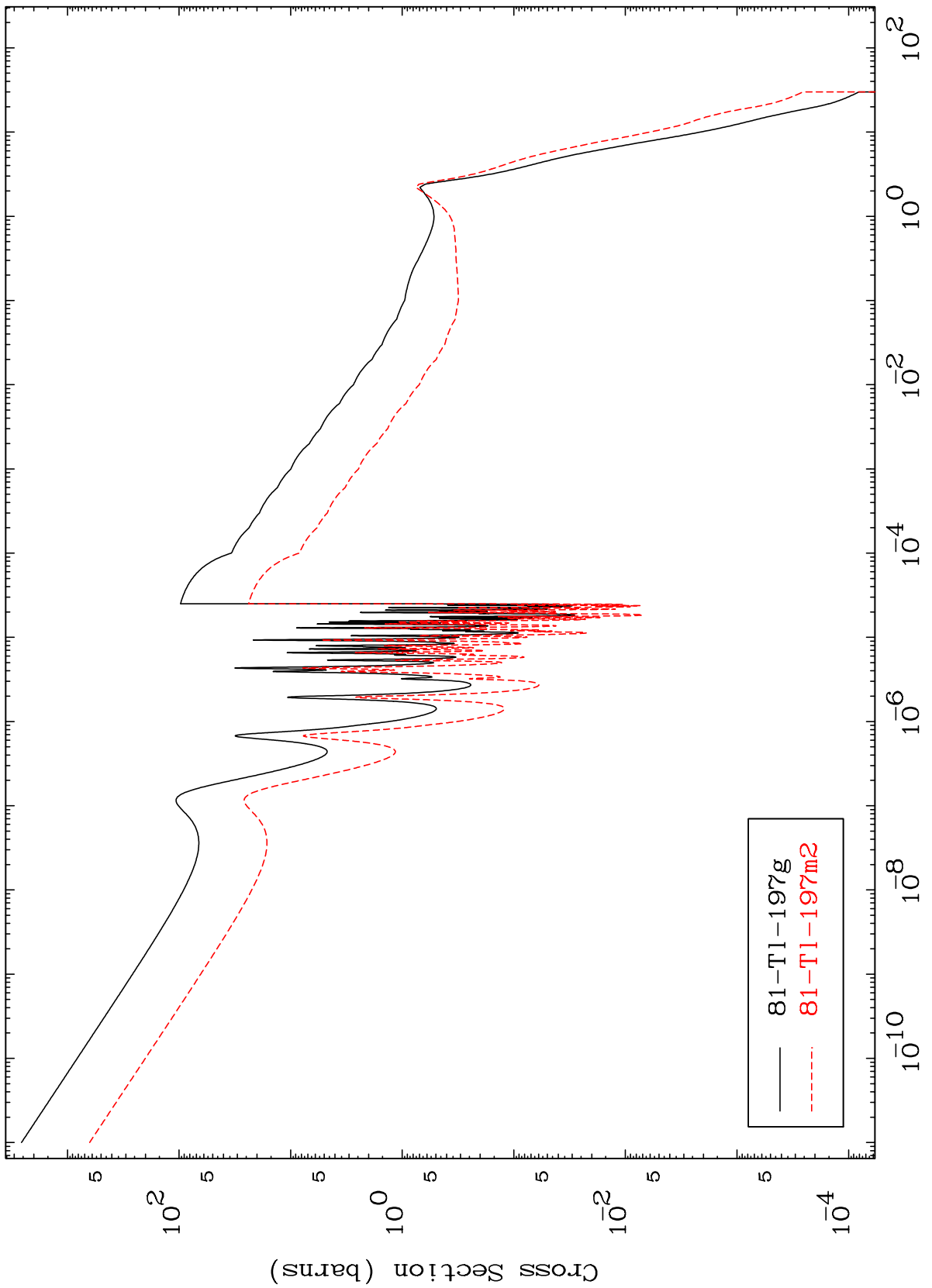
Incident Energy (MeV)

81-Tl-196

MAT 8104

81-Tl-196

Radionuclide Production Cross Section
(n,γ)



81

81-Tl-196

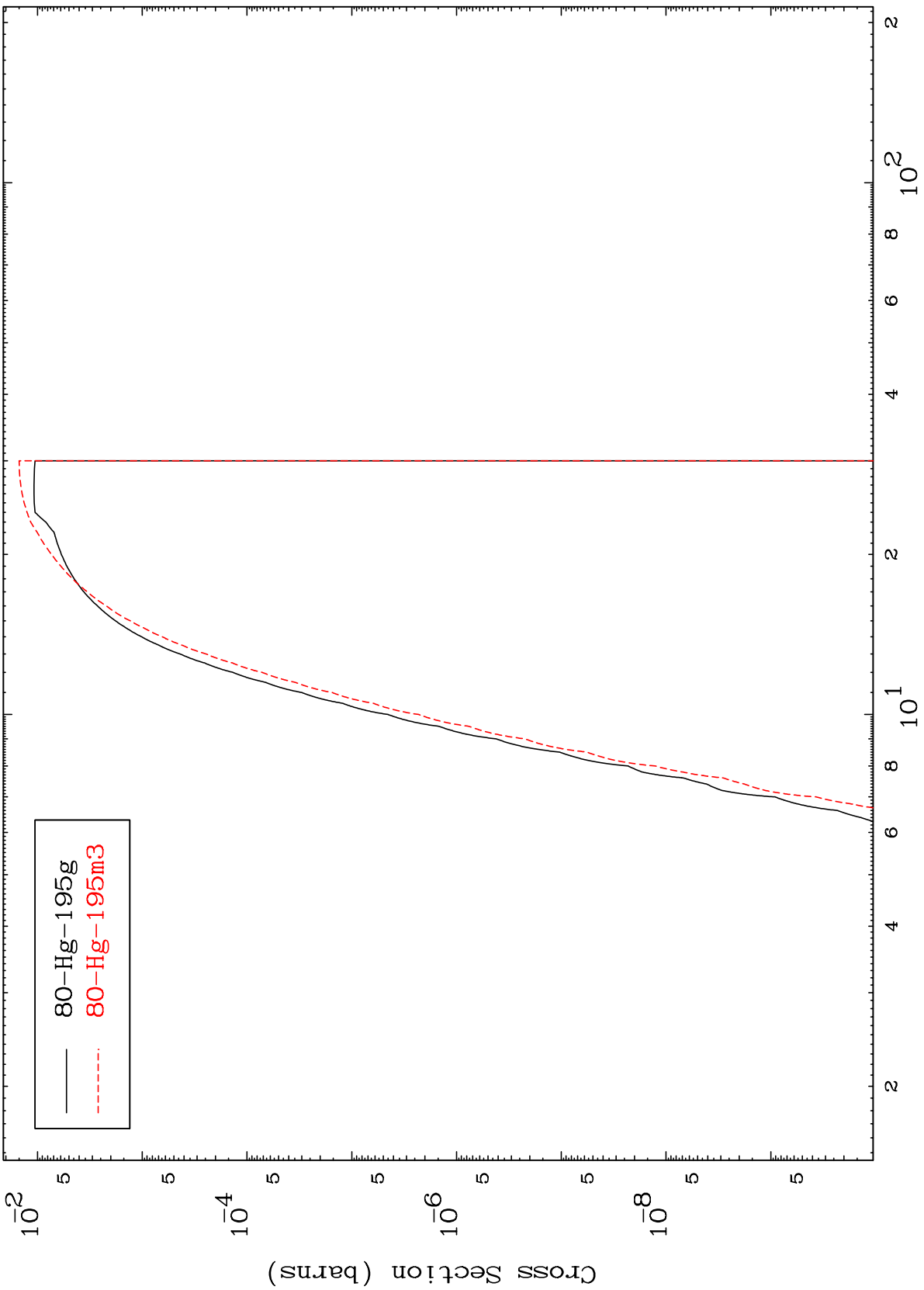
Incident Energy (MeV)

MAT 8104

(n,d)

81-Tl-196

Radionuclide Production Cross Section



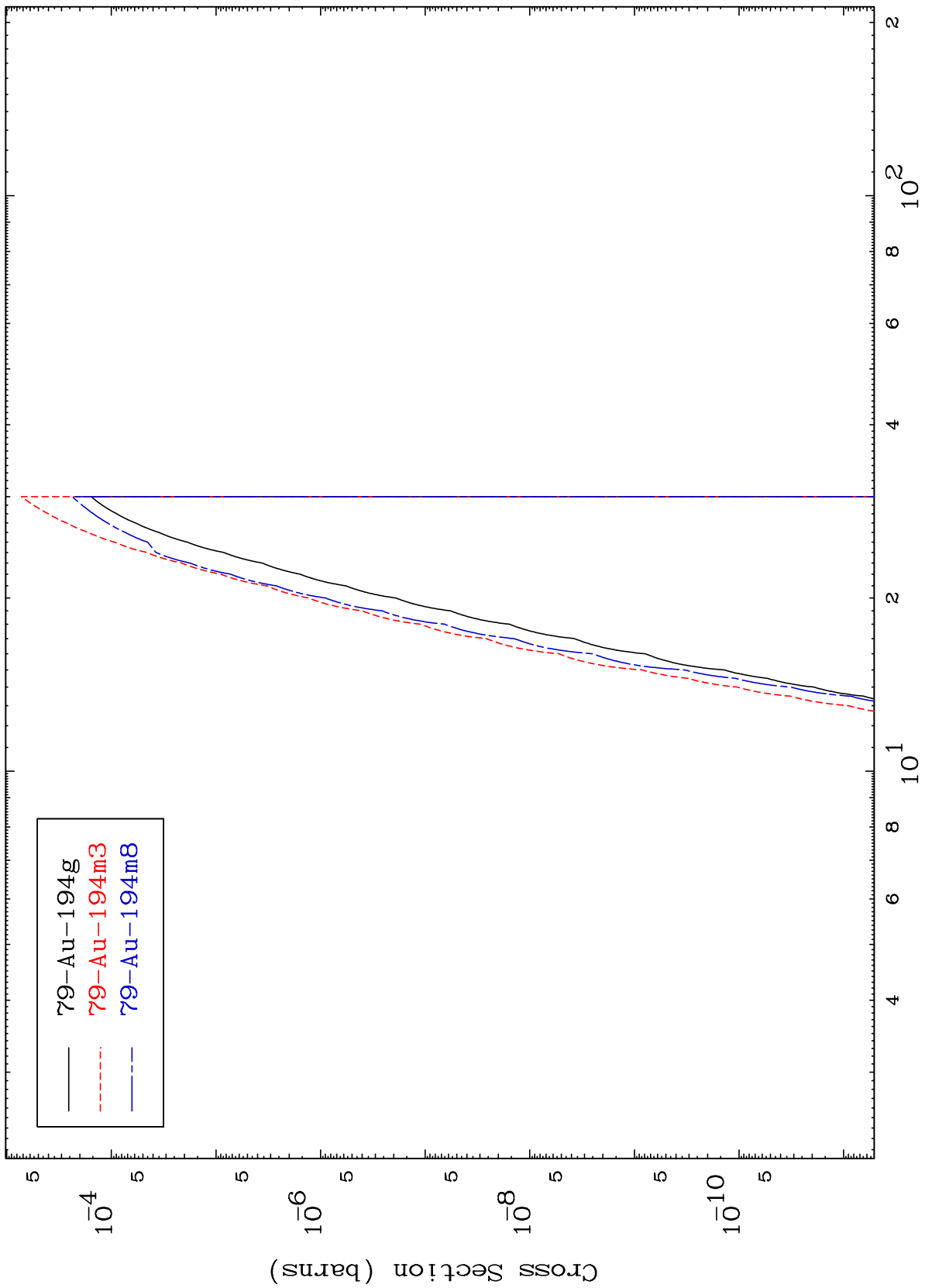
80-Hg-195g
80-Hg-195m3

82

Incident Energy (MeV)

81-Tl-196

Radionuclide Production Cross Section
(n,He-3)

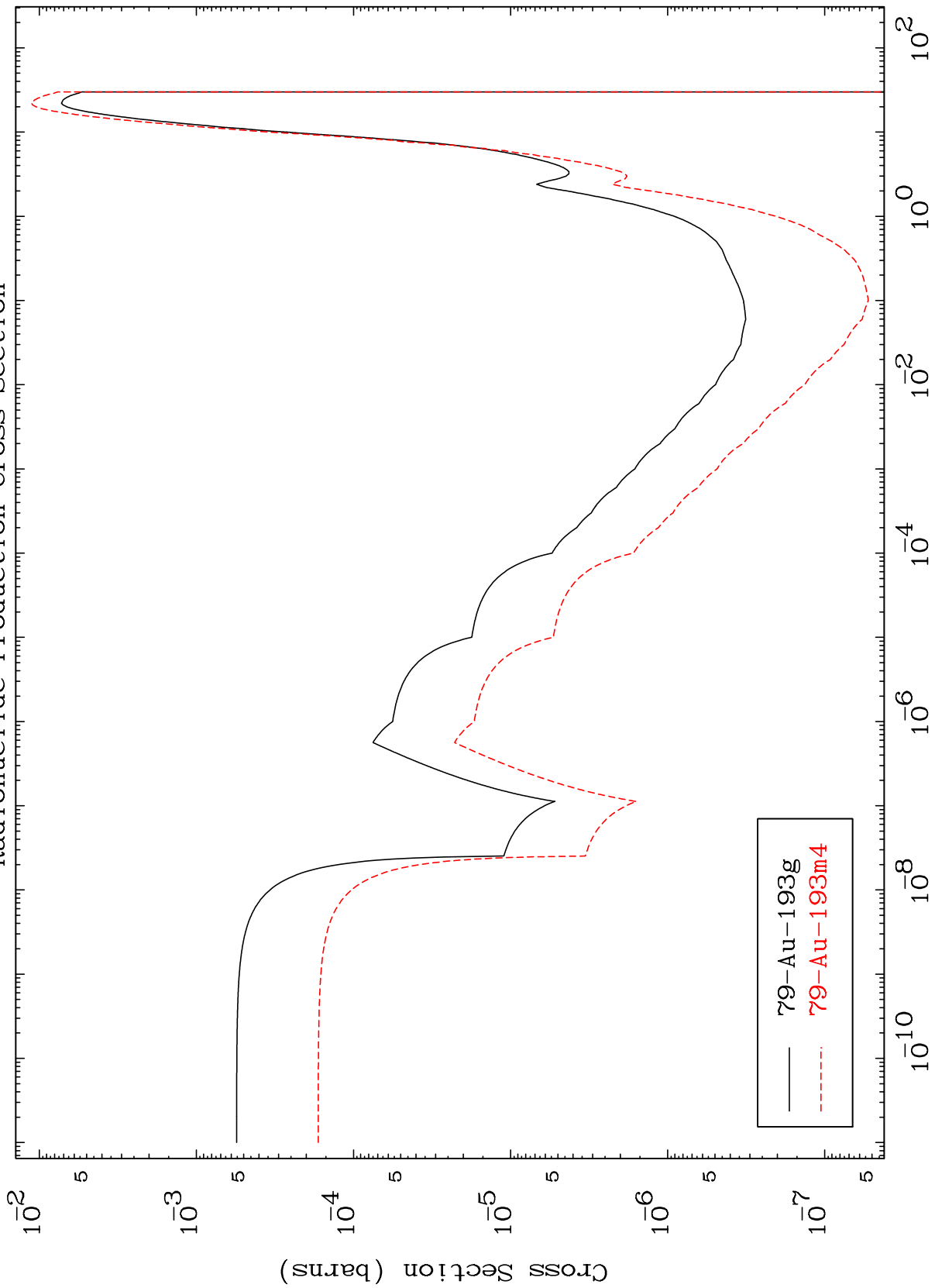


MAT 8104

(n, α)

81-Tl-196

Radionuclide Production Cross Section



— $^{79}\text{Au-193g}$
- - - $^{79}\text{Au-193m4}$

84

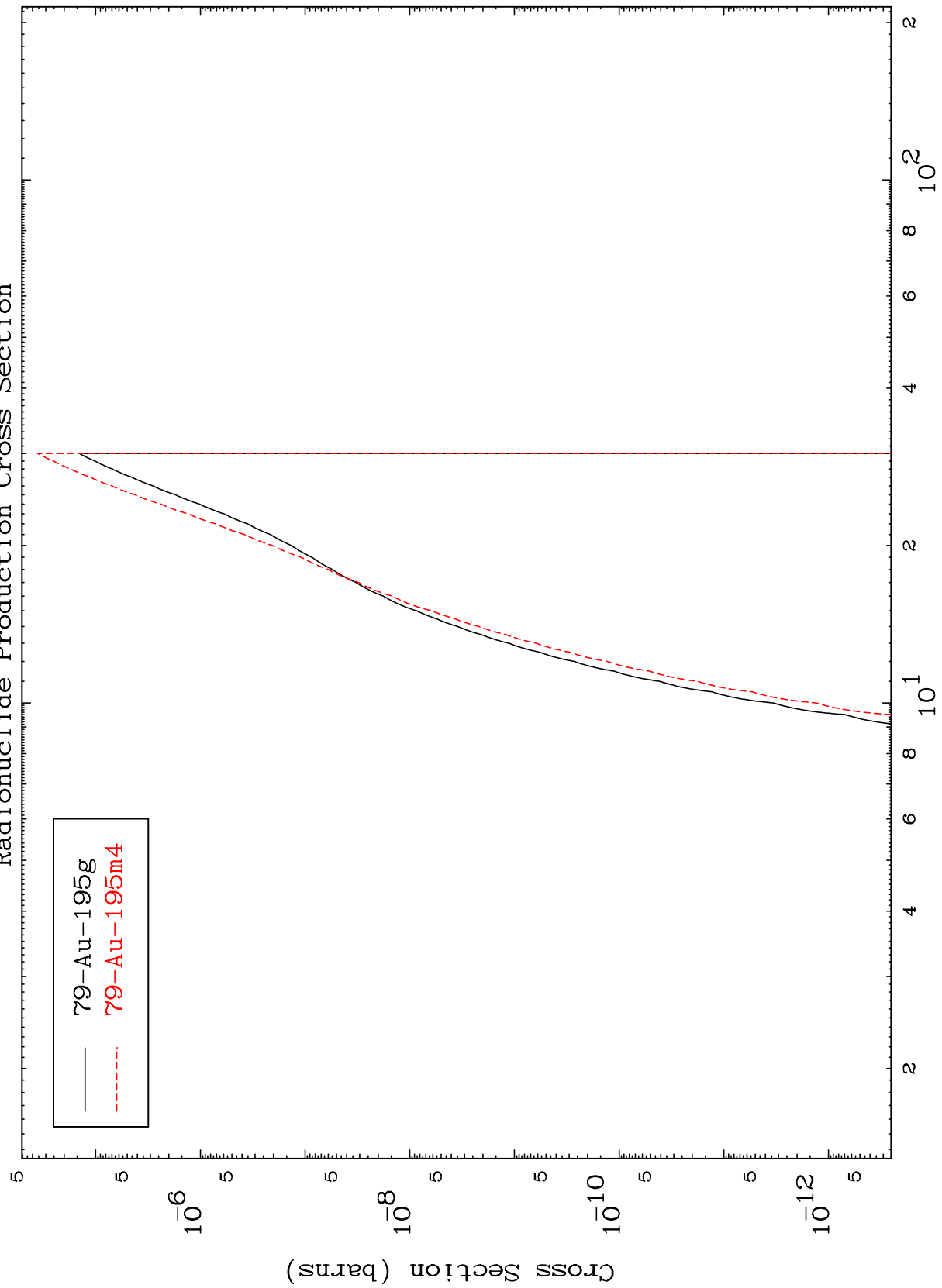
Incident Energy (MeV)

81-Tl-196

MAT 8104

81-Tl-196

(n,2p)
Radionuclide Production Cross Section



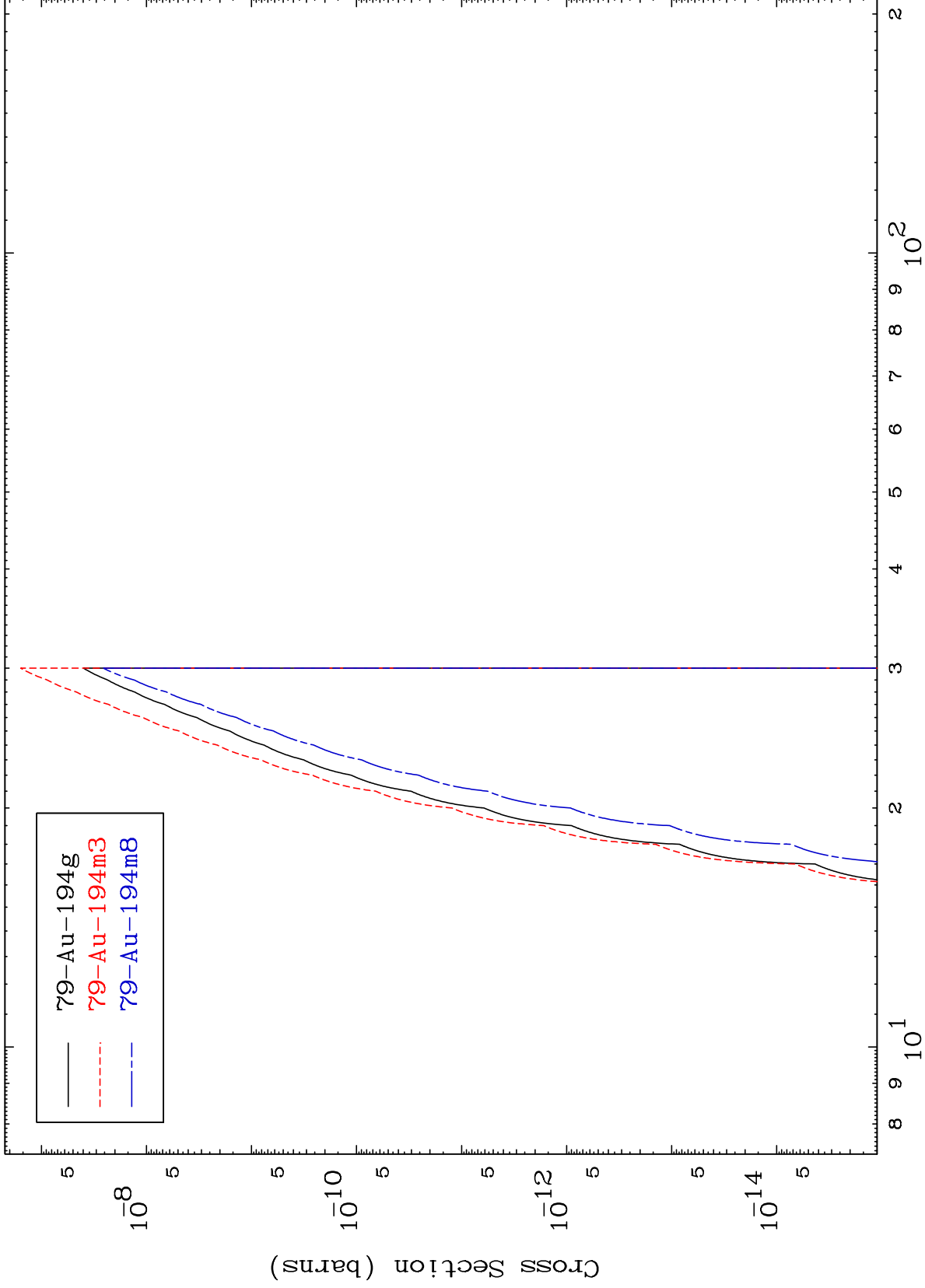
— 79-Au-195g
- - - 79-Au-195m4

85

81-Tl-196

Incident Energy (MeV)

Radionuclide Production Cross Section

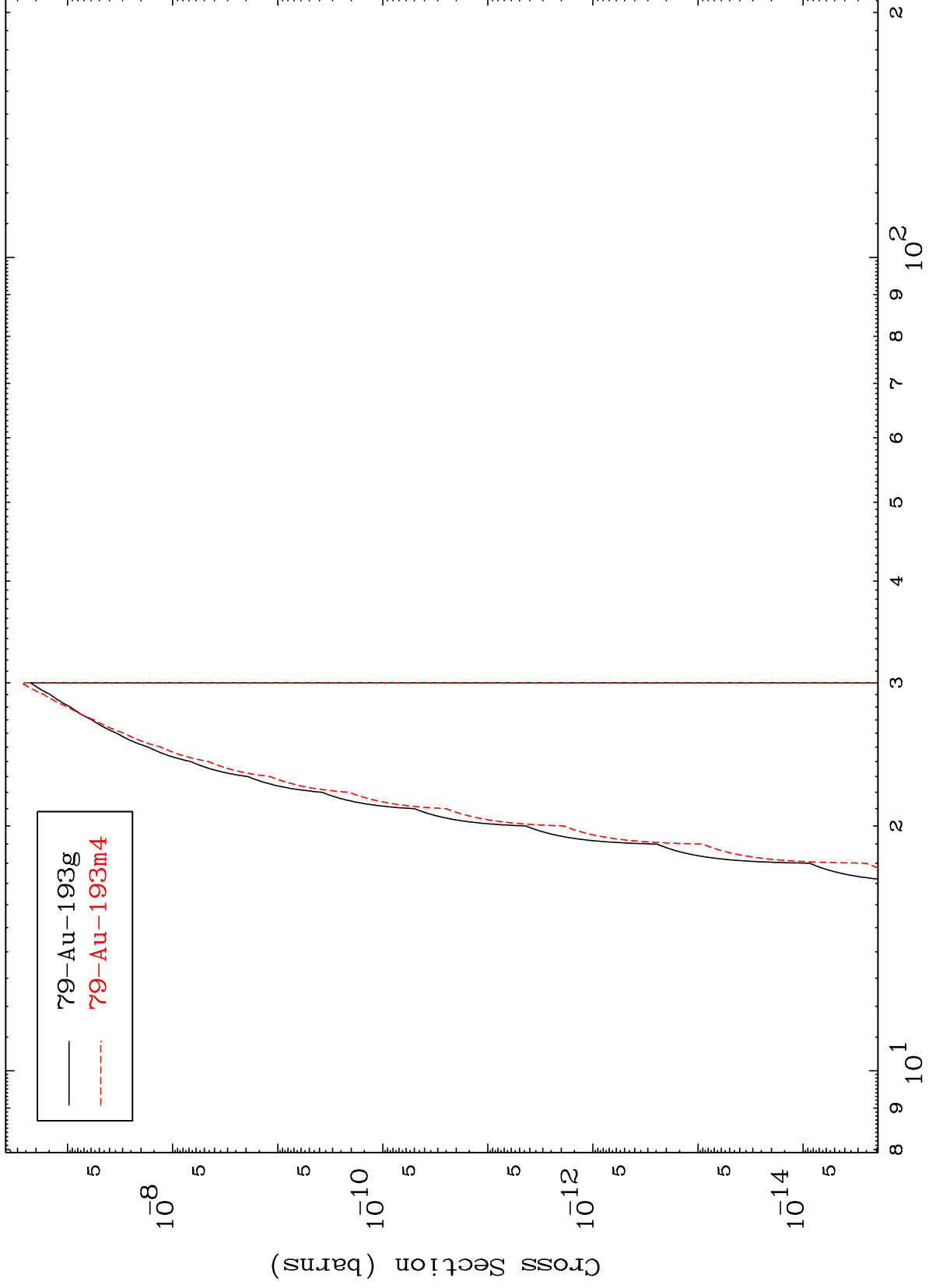


MAT 8104

(n,p) t

81-Tl-196

Radionuclide Production Cross Section



87

Incident Energy (MeV)

81-Tl-196