

Program EVALPLOT
(Version 2015-2)

by

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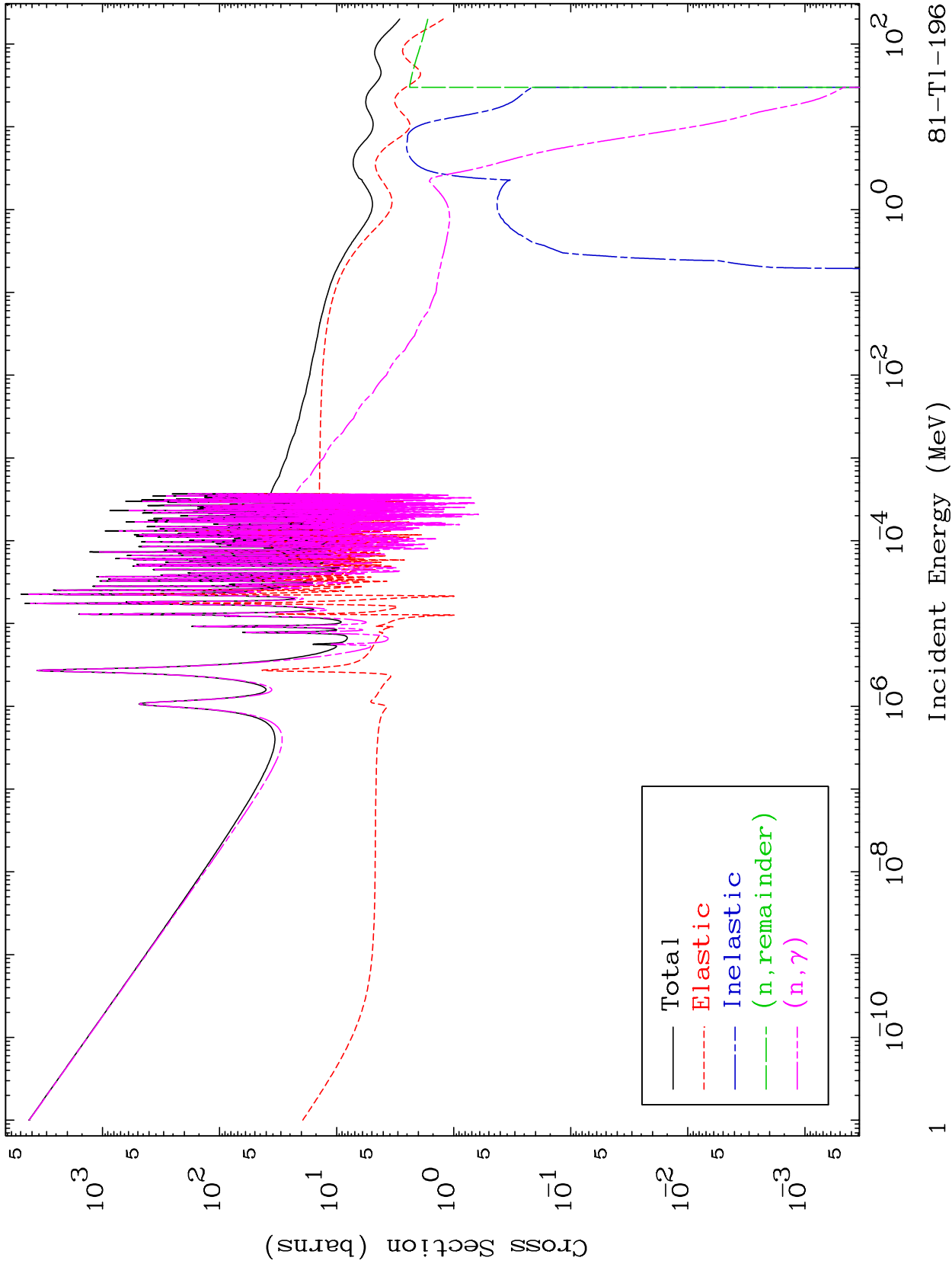
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 8104

Major
293 Kelvin Cross Sections

81-Tl-196

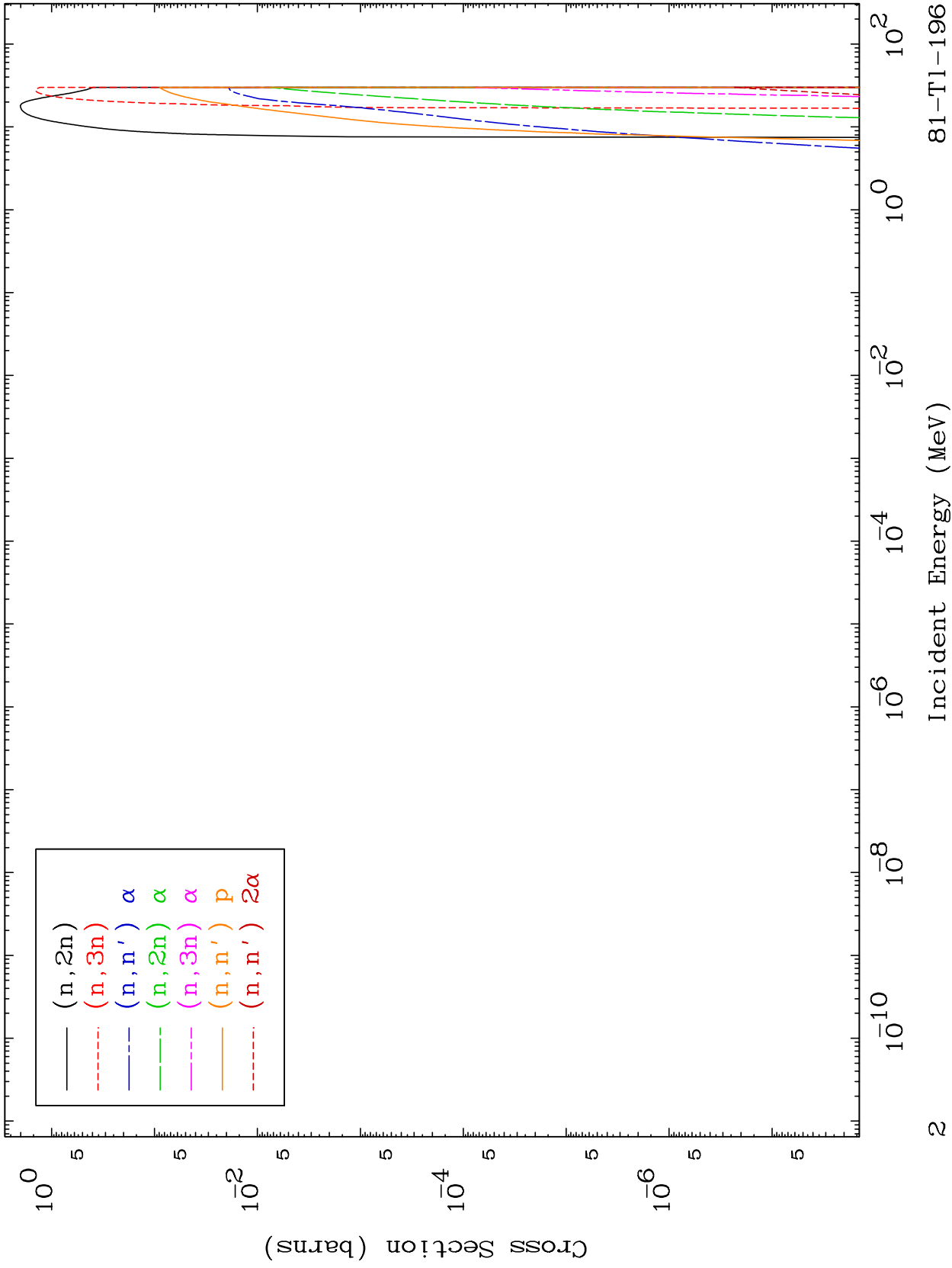


81-Tl-196

MAT 8104

Neutron Production
293 Kelvin Cross Sections

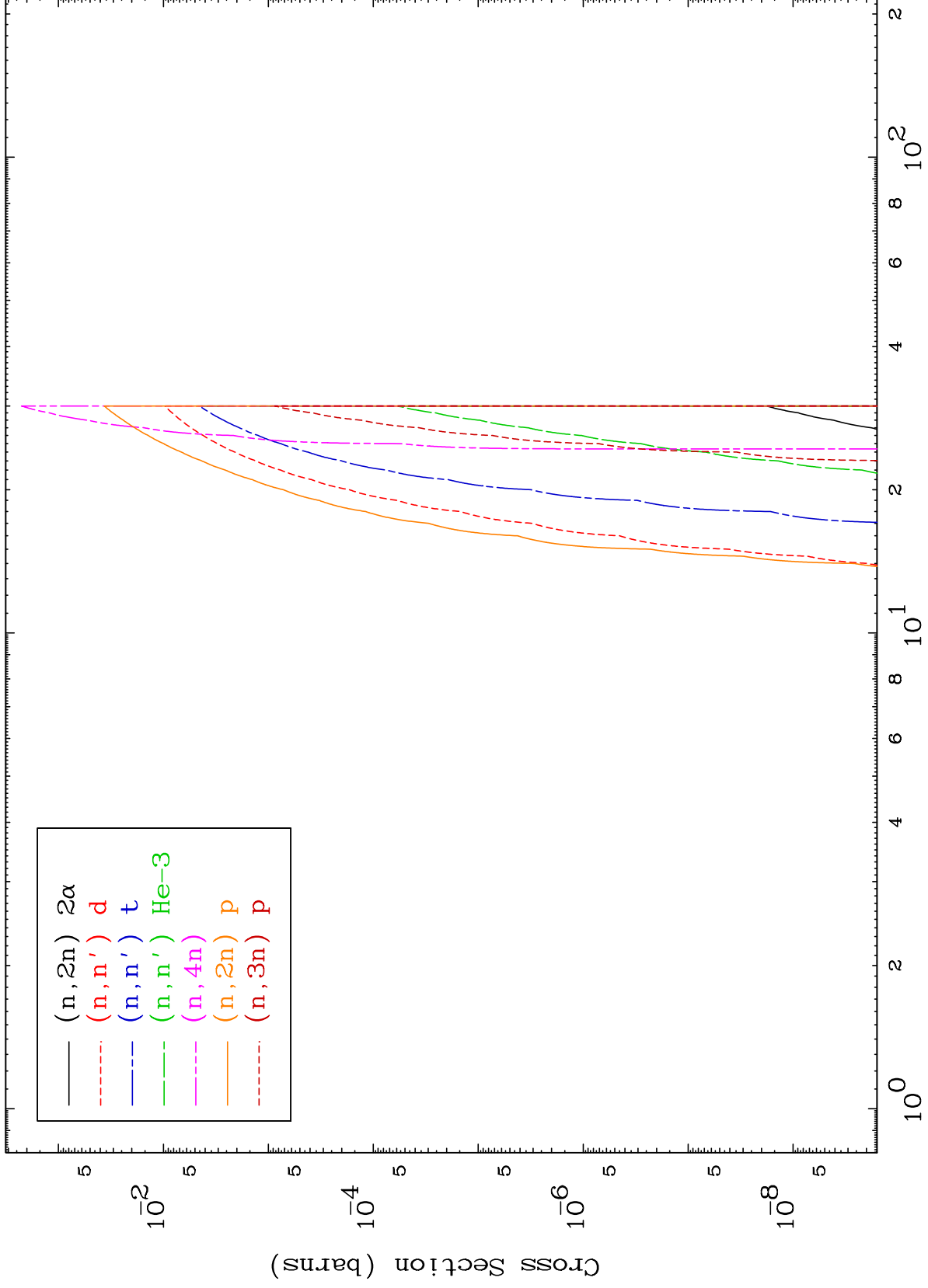
81-Tl-196



MAT 8104

Neutron Production
293 Kelvin Cross Sections

81-Tl-196



3

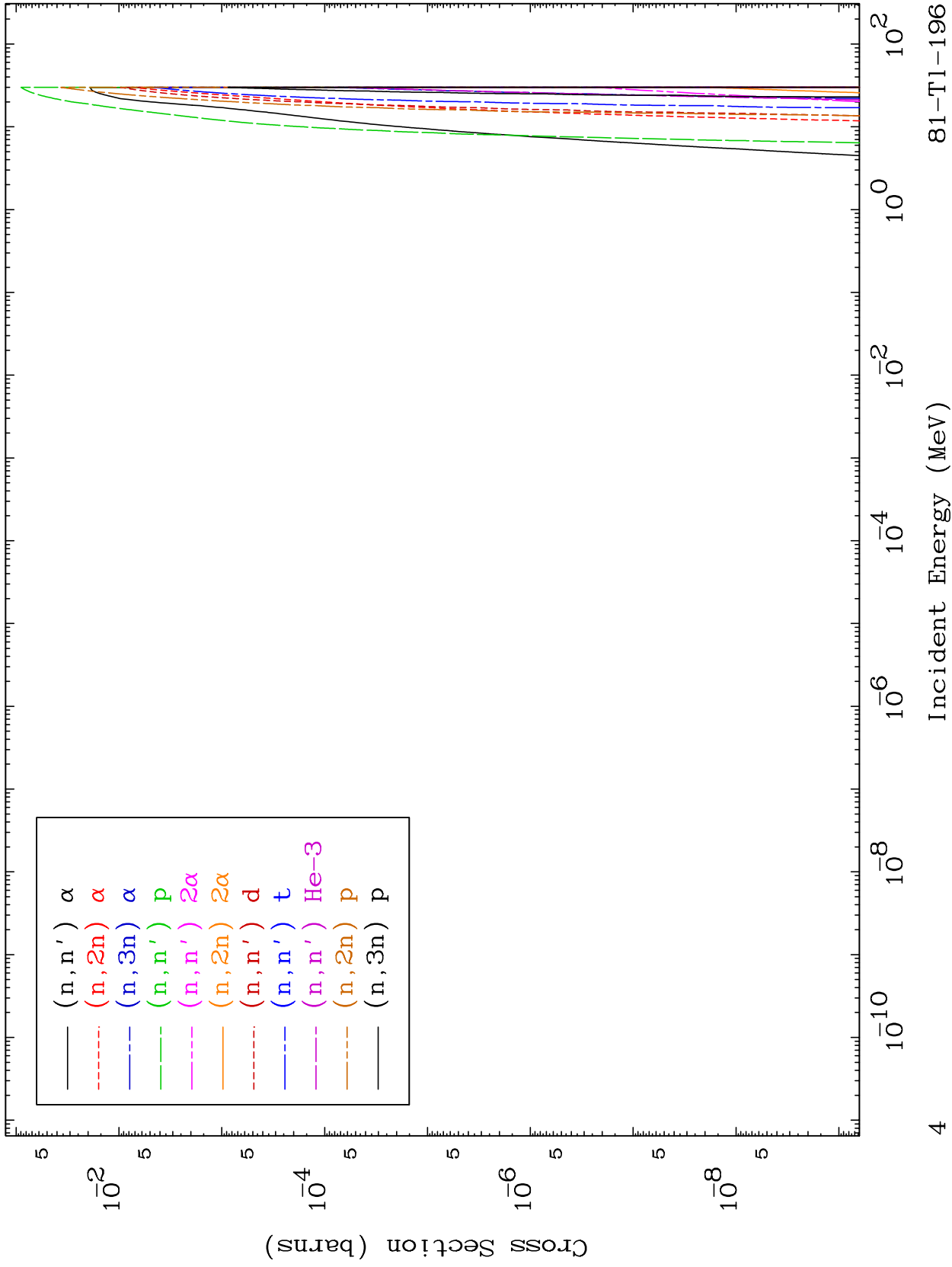
Incident Energy (MeV)

81-Tl-196

MAT 8104

Charged Particle
293 Kelvin Cross Sections

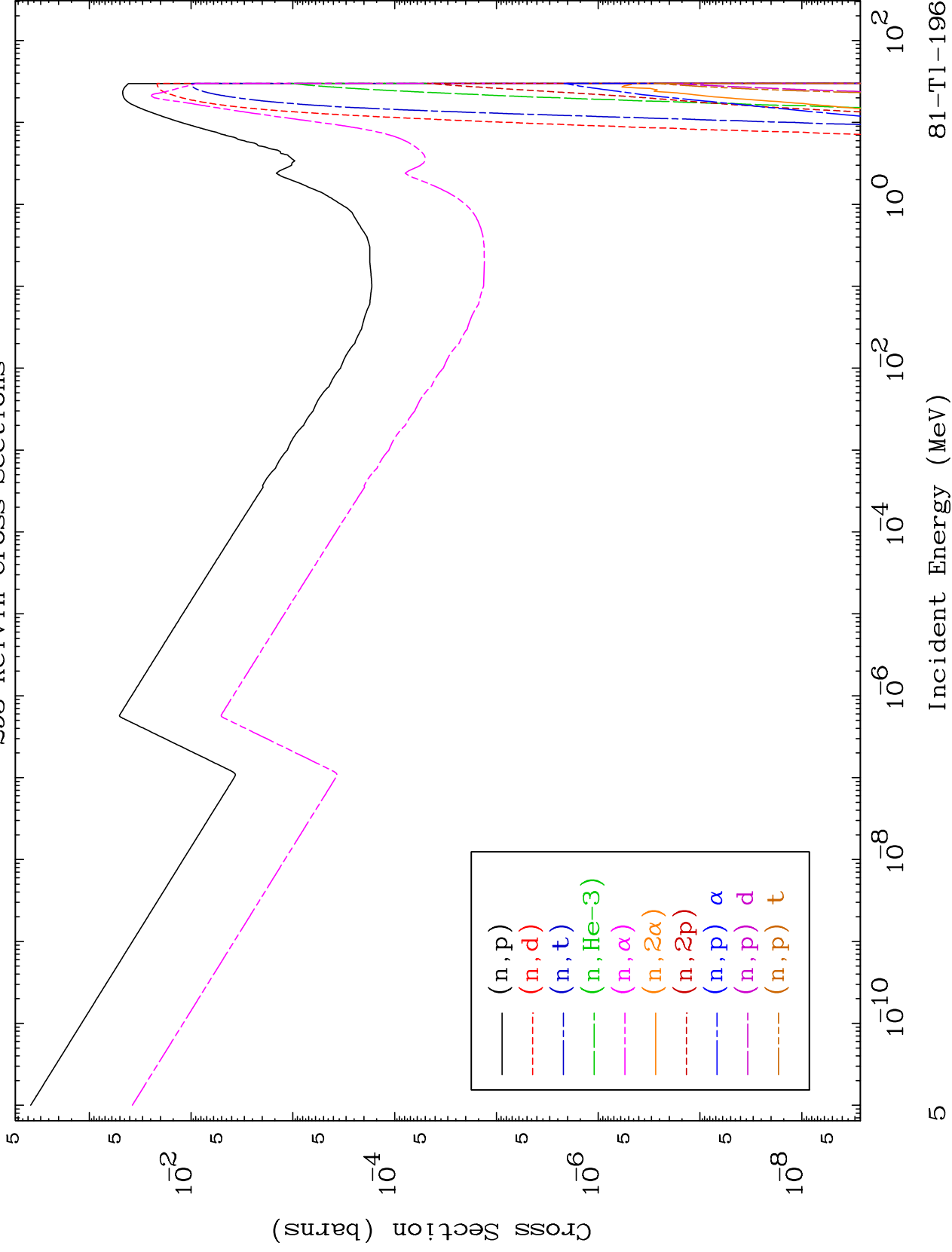
81-Tl-196

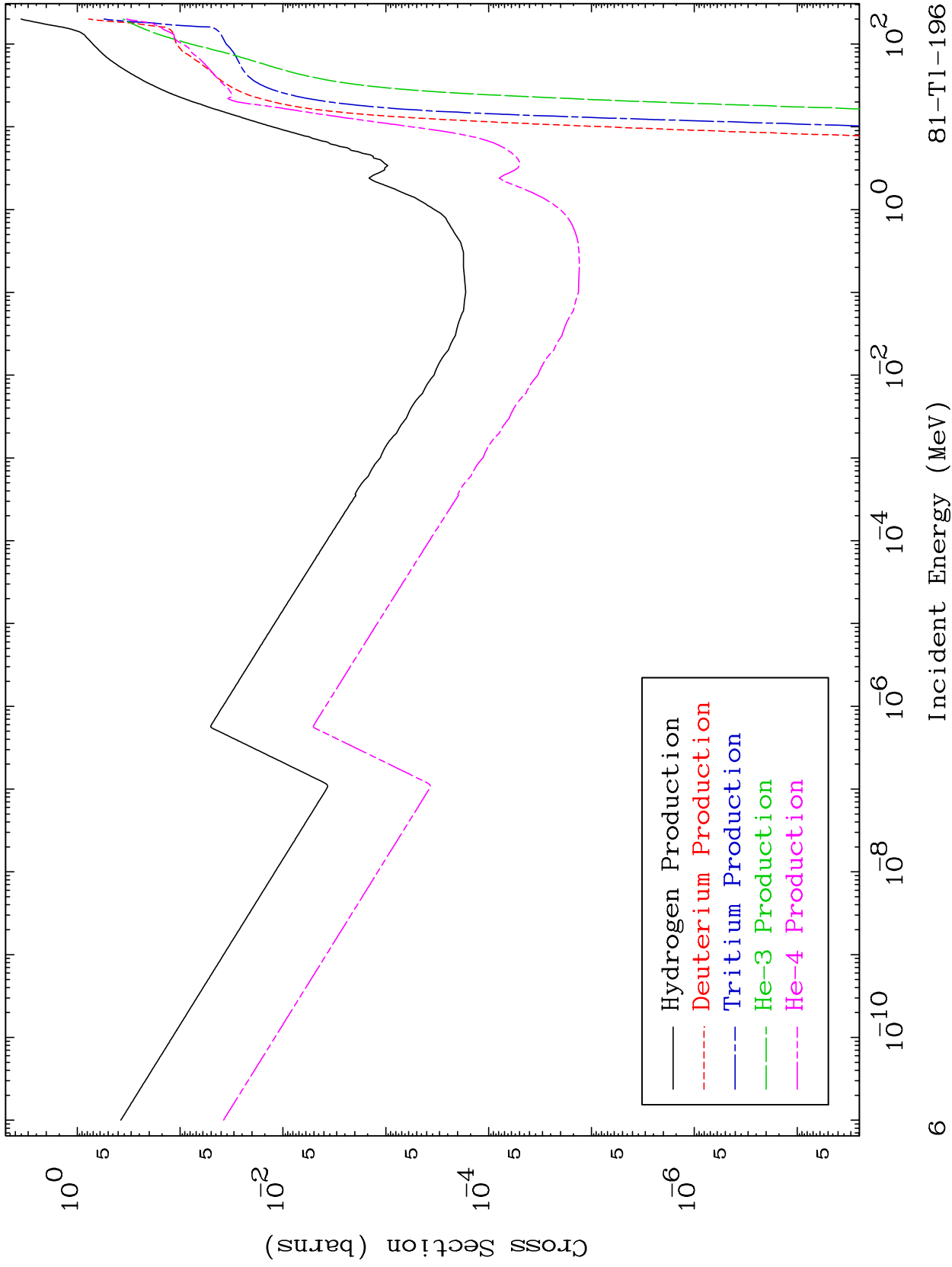


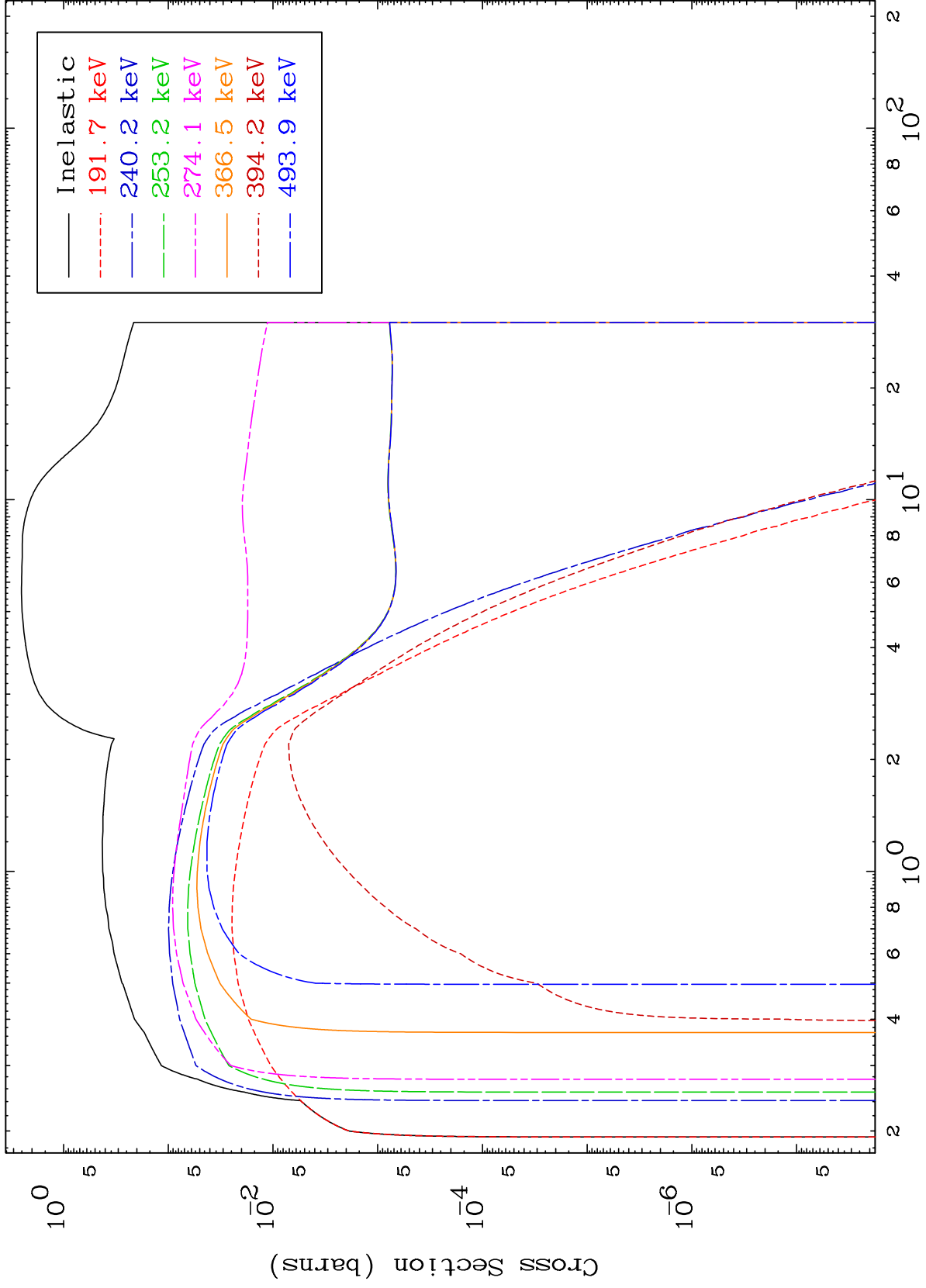
MAT 8104

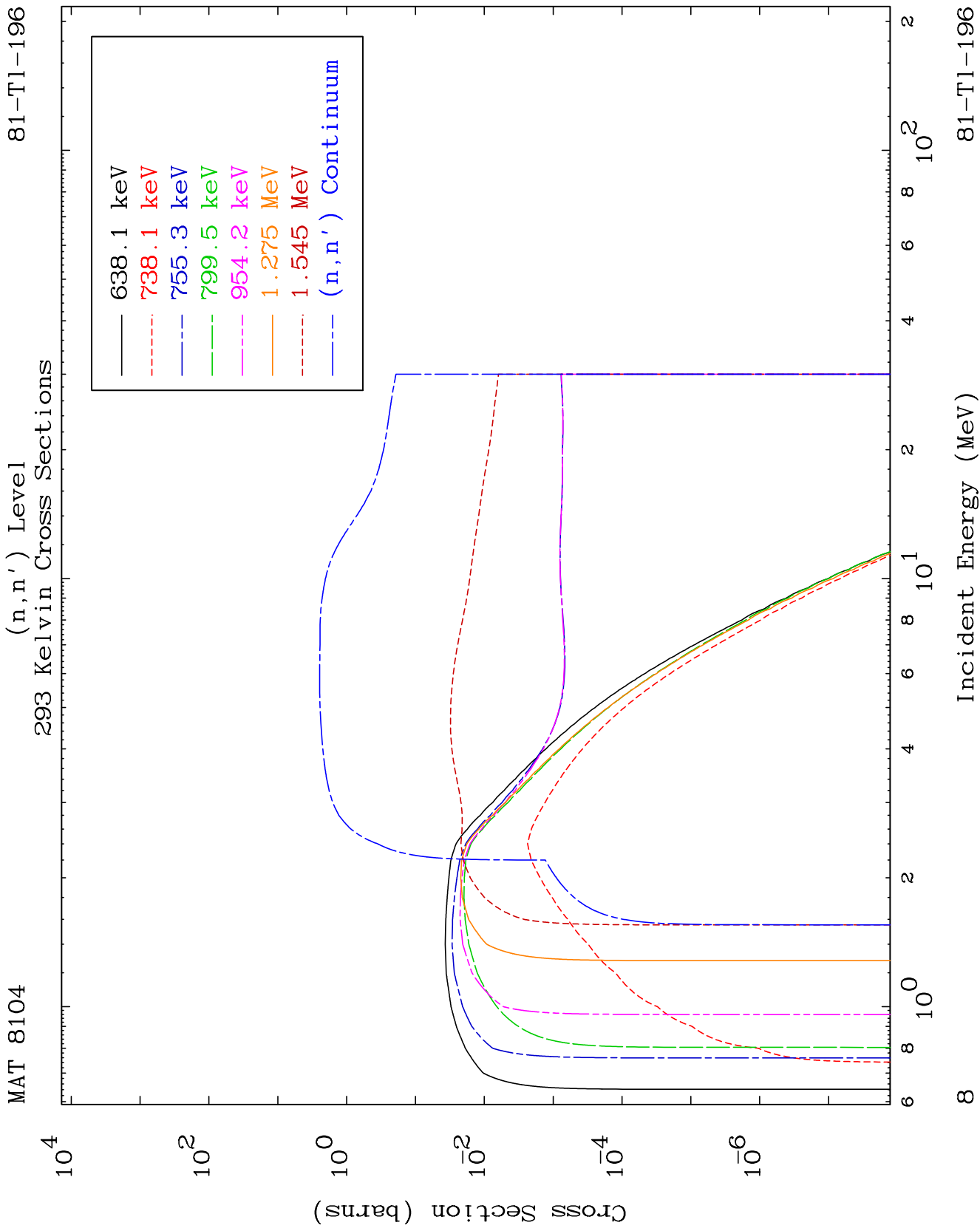
Charged Particle
293 Kelvin Cross Sections

81-Tl-196









81-Tl-196

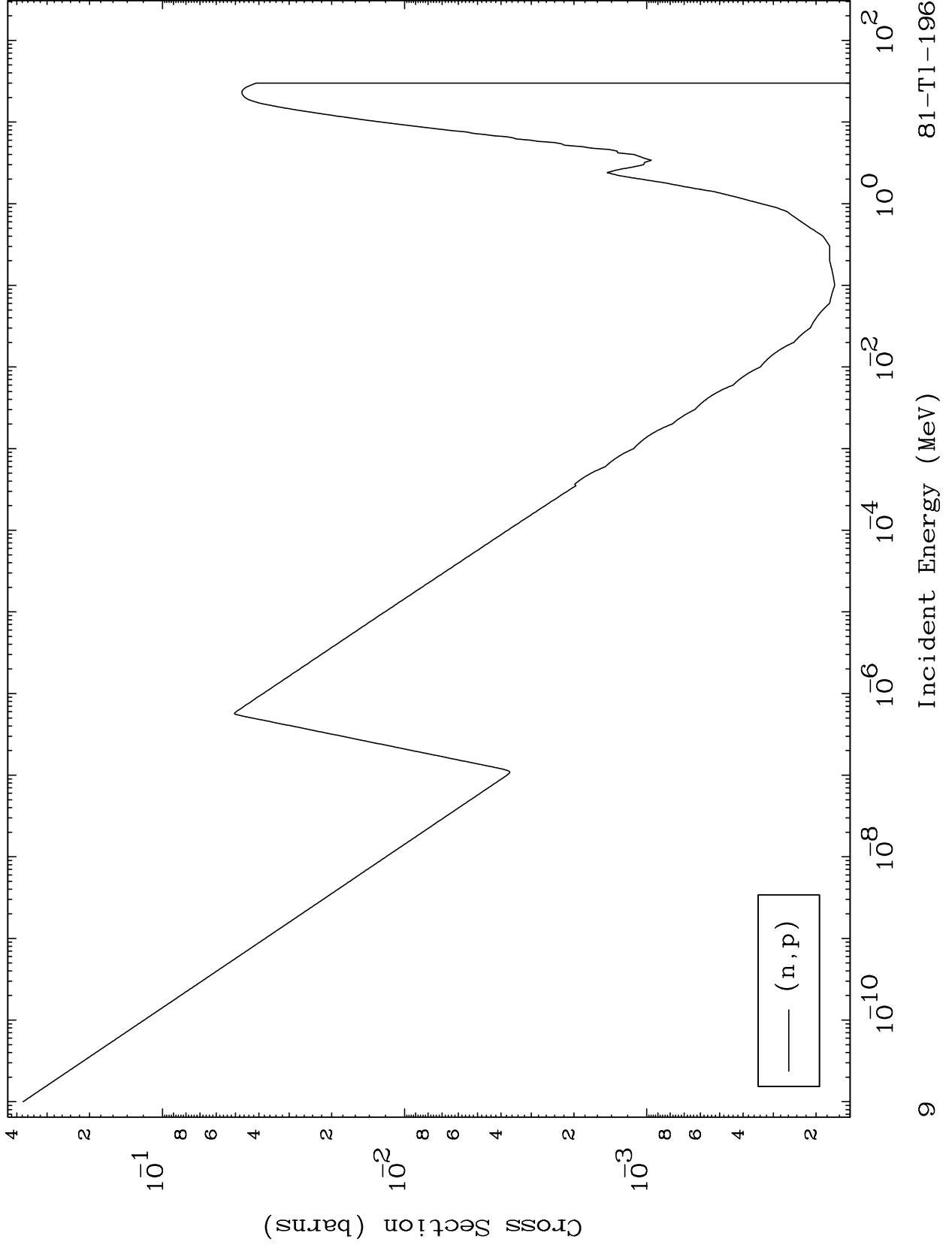
81-Tl-196

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MAT 8104

(n,p) Levels
293 Kelvin Cross Sections

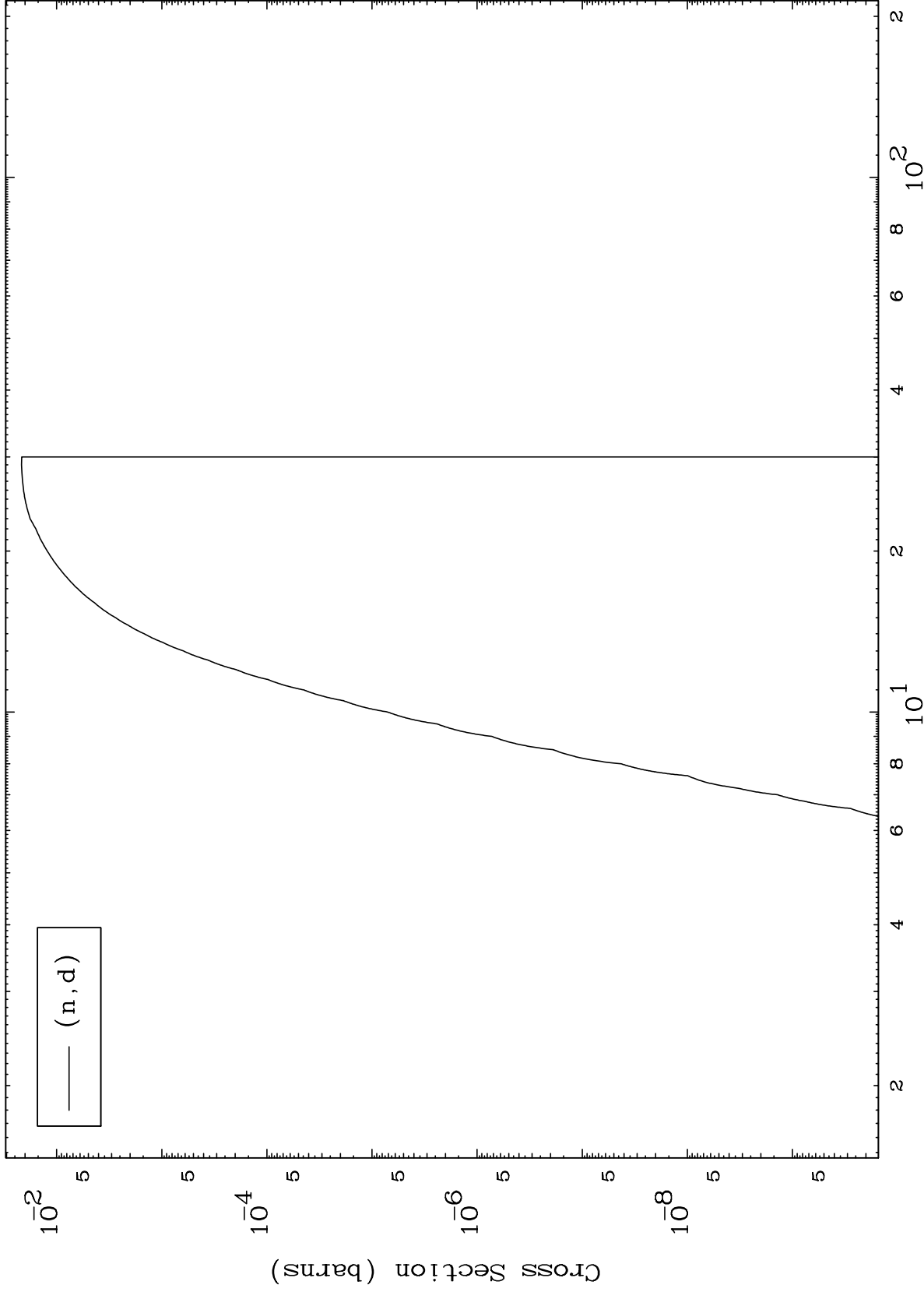
81-Tl-196



MAT 8104

(n,d) Levels
293 Kelvin Cross Sections

81-Tl-196



10

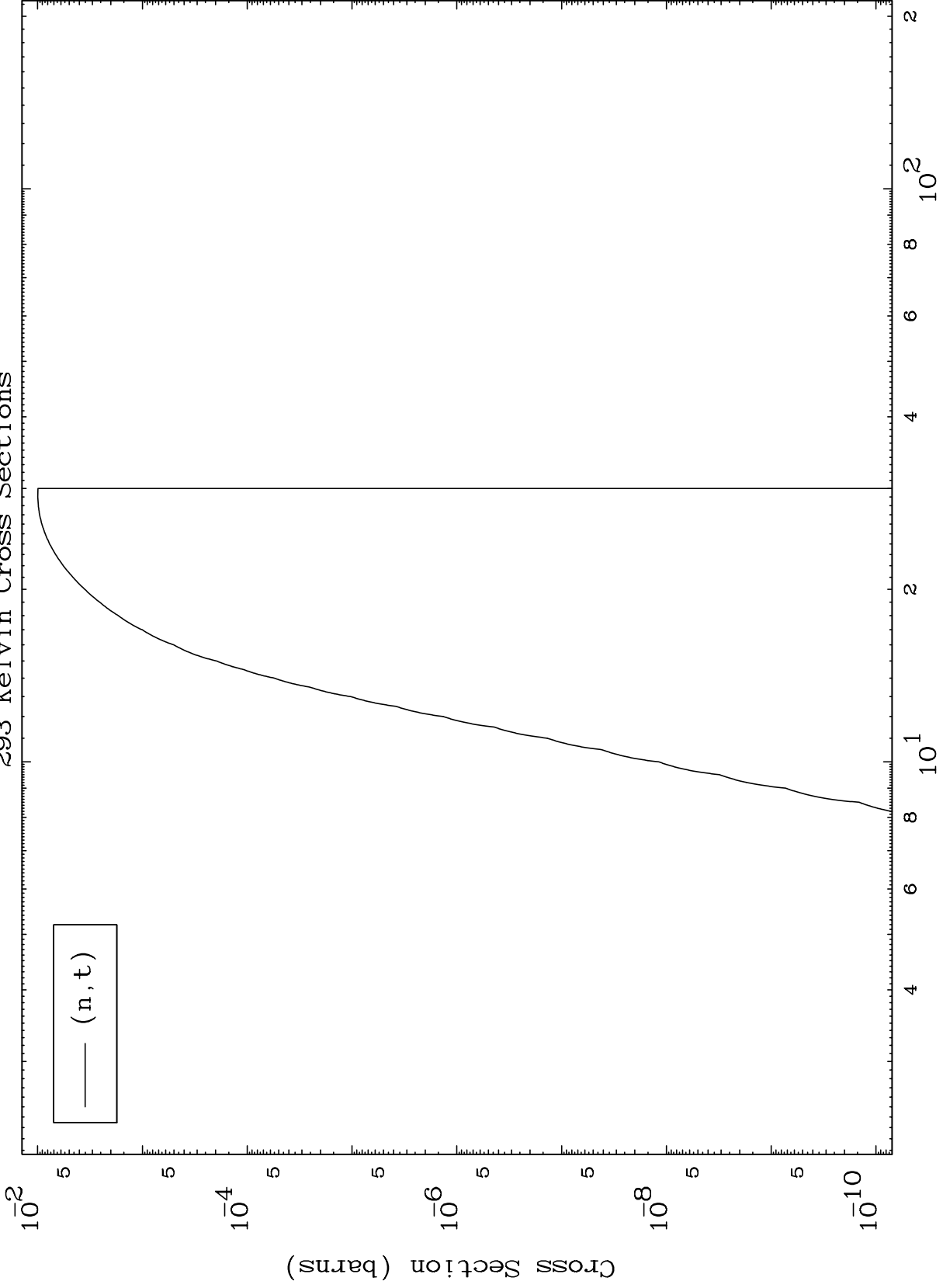
Incident Energy (MeV)

81-Tl-196

MAT 8104

(n,t) Levels
293 Kelvin Cross Sections

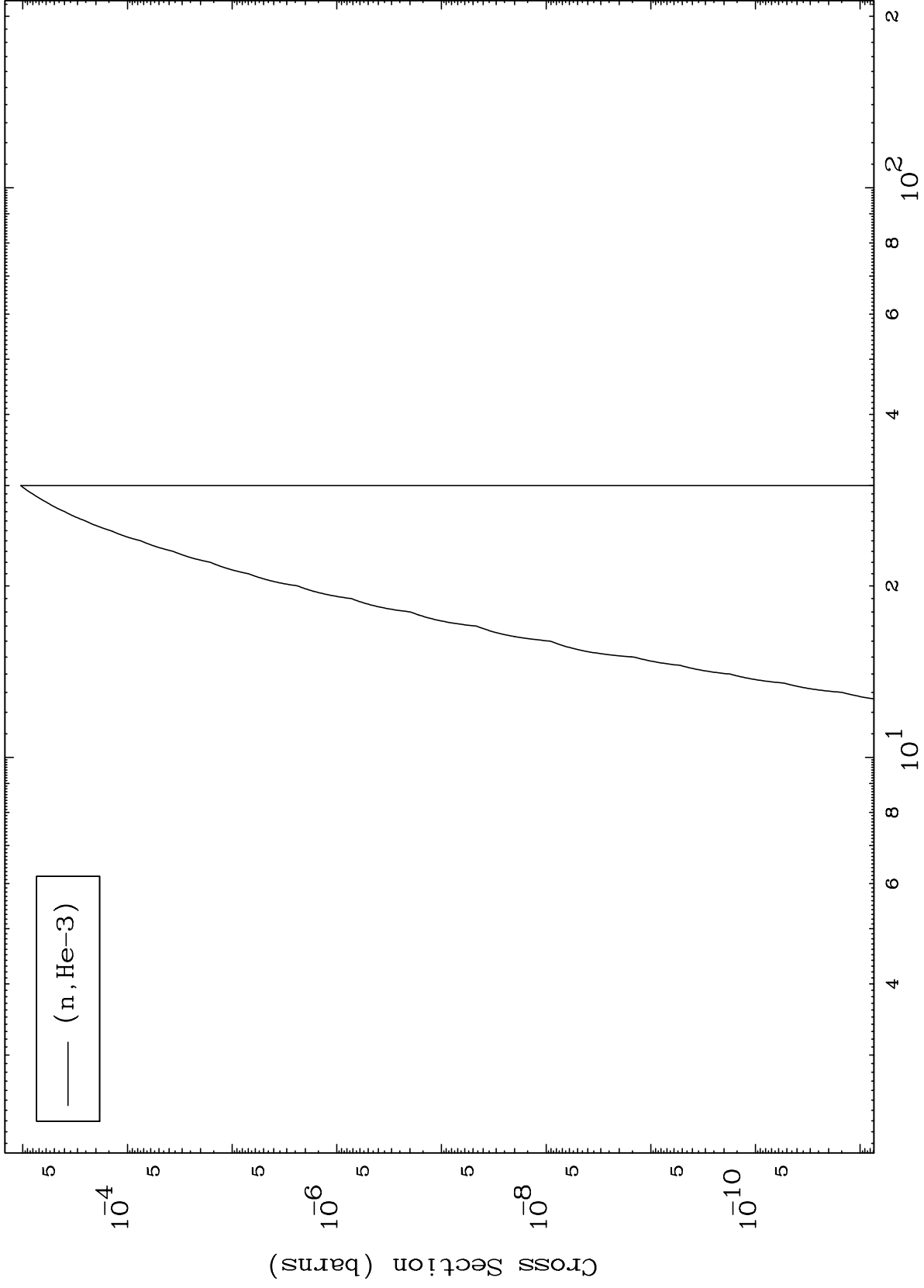
81-T1-196



MAT 8104

(n,He3) Levels
293 Kelvin Cross Sections

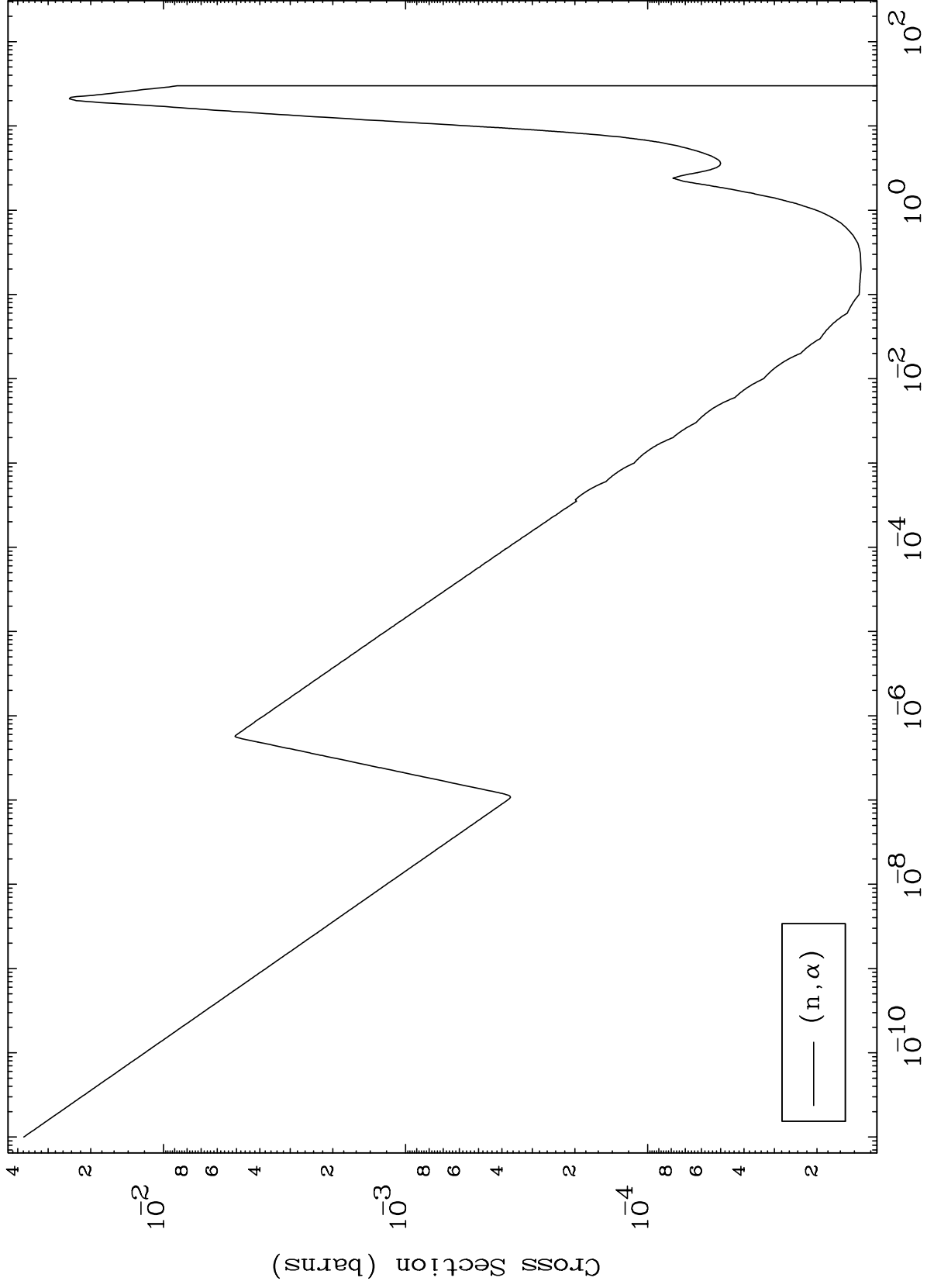
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MAT 8104

(n, α) Levels
293 Kelvin Cross Sections

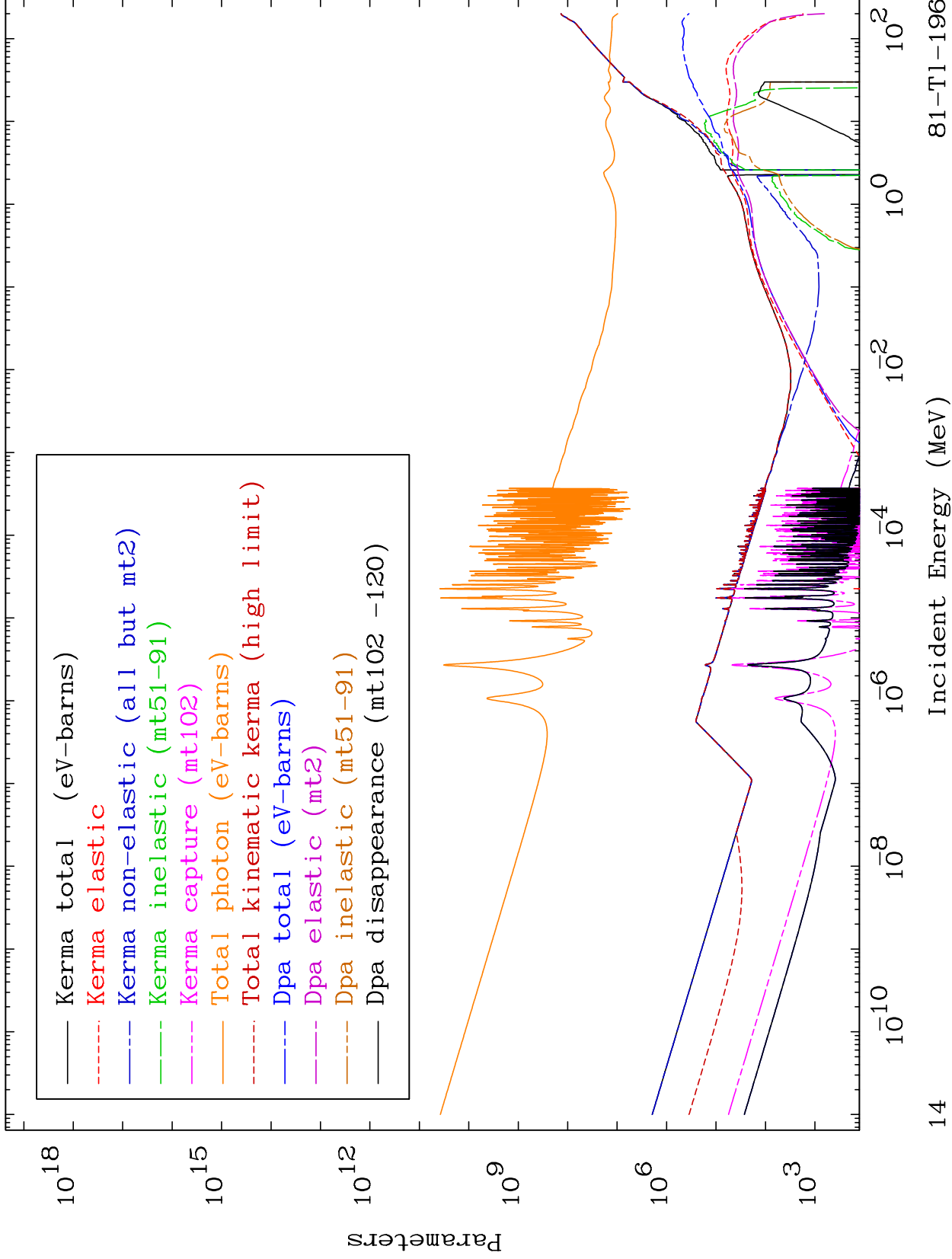
81-Tl-196



13

Incident Energy (MeV)

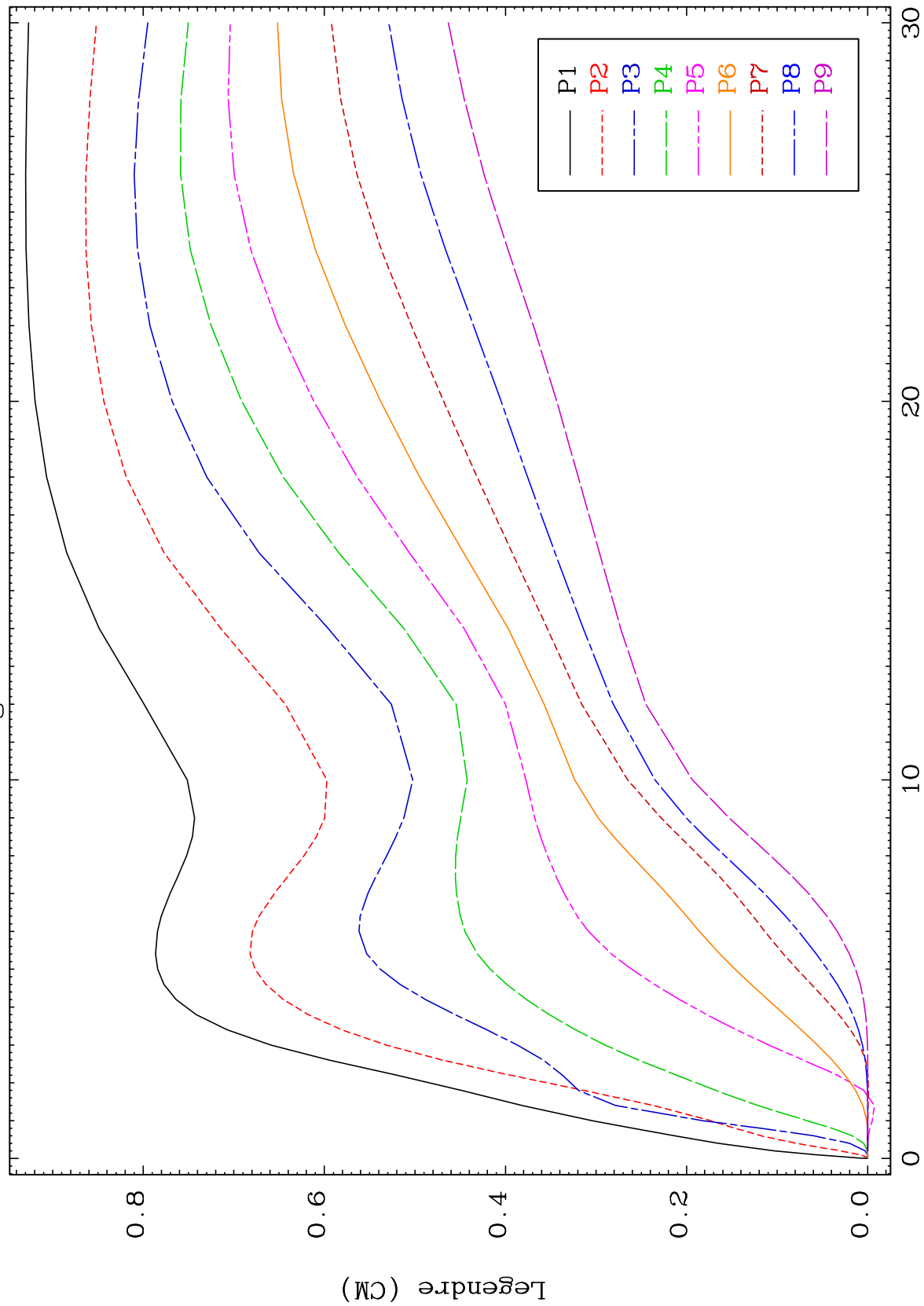
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MAT 8104

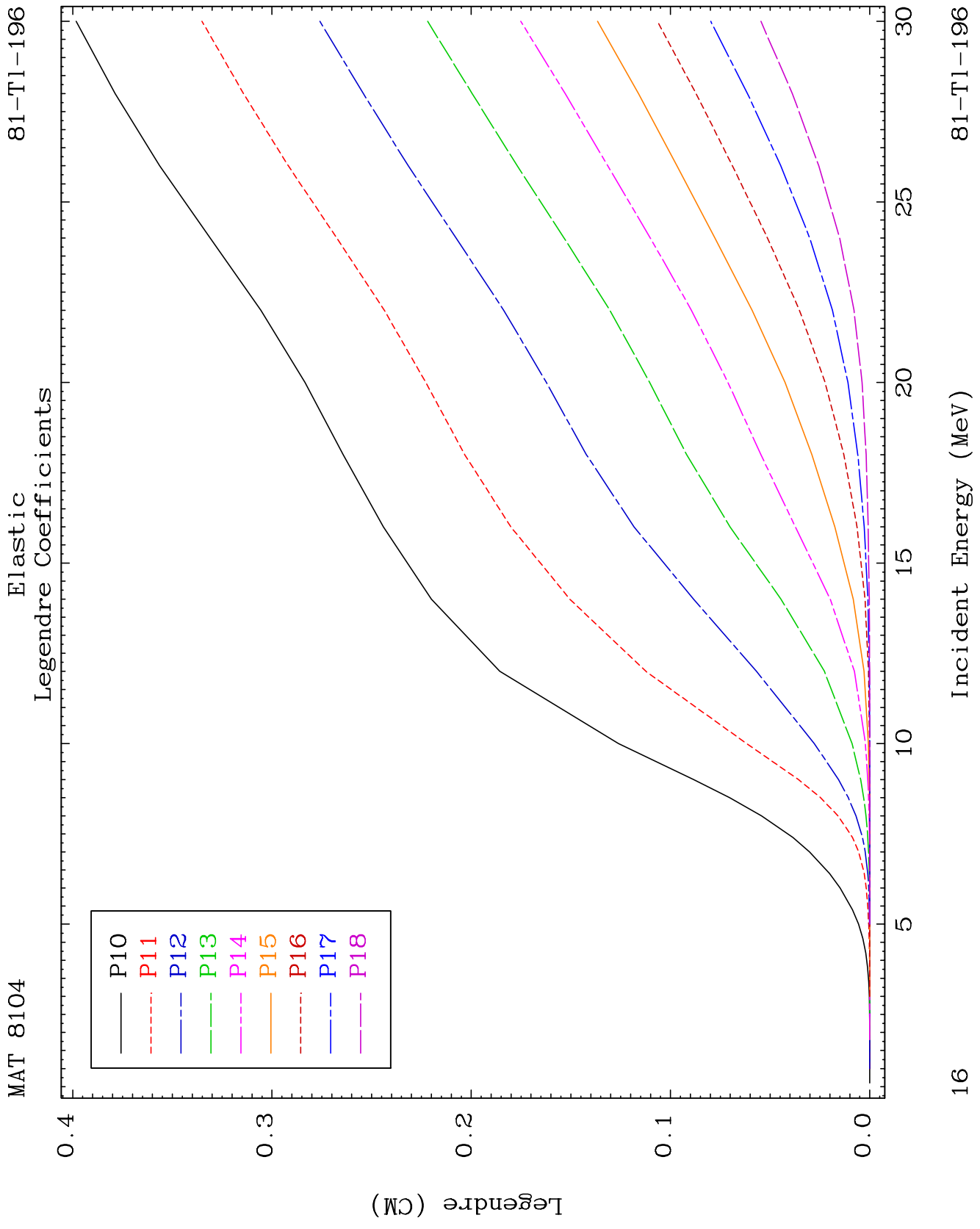
Elastic Legendre Coefficients

81-Tl-196



Incident Energy (MeV)

81-Tl-196



MAT 8104

Elastic Legendre Coefficients

81-Tl-196

16

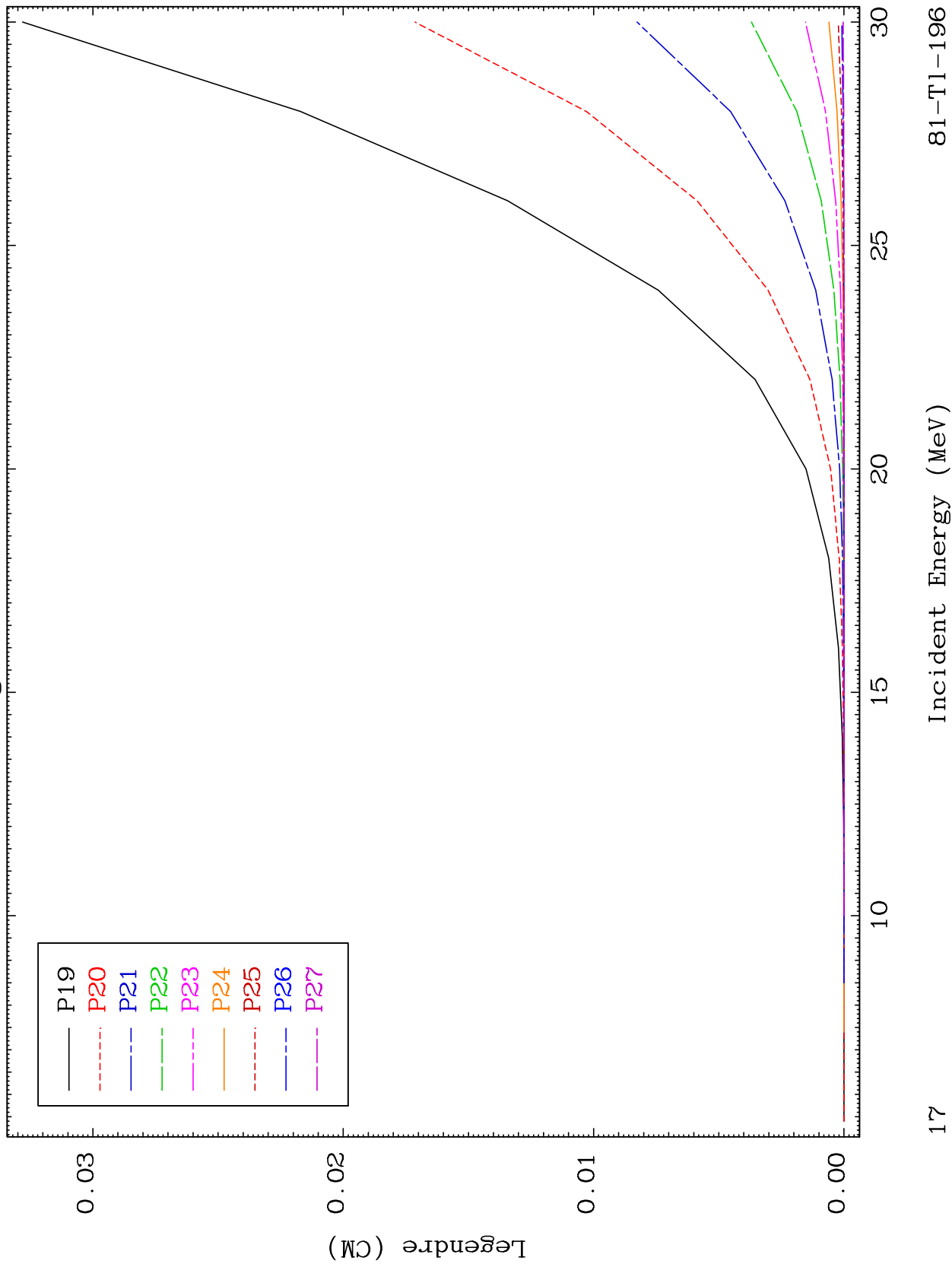
Incident Energy (MeV)

81-Tl-196

MAT 8104

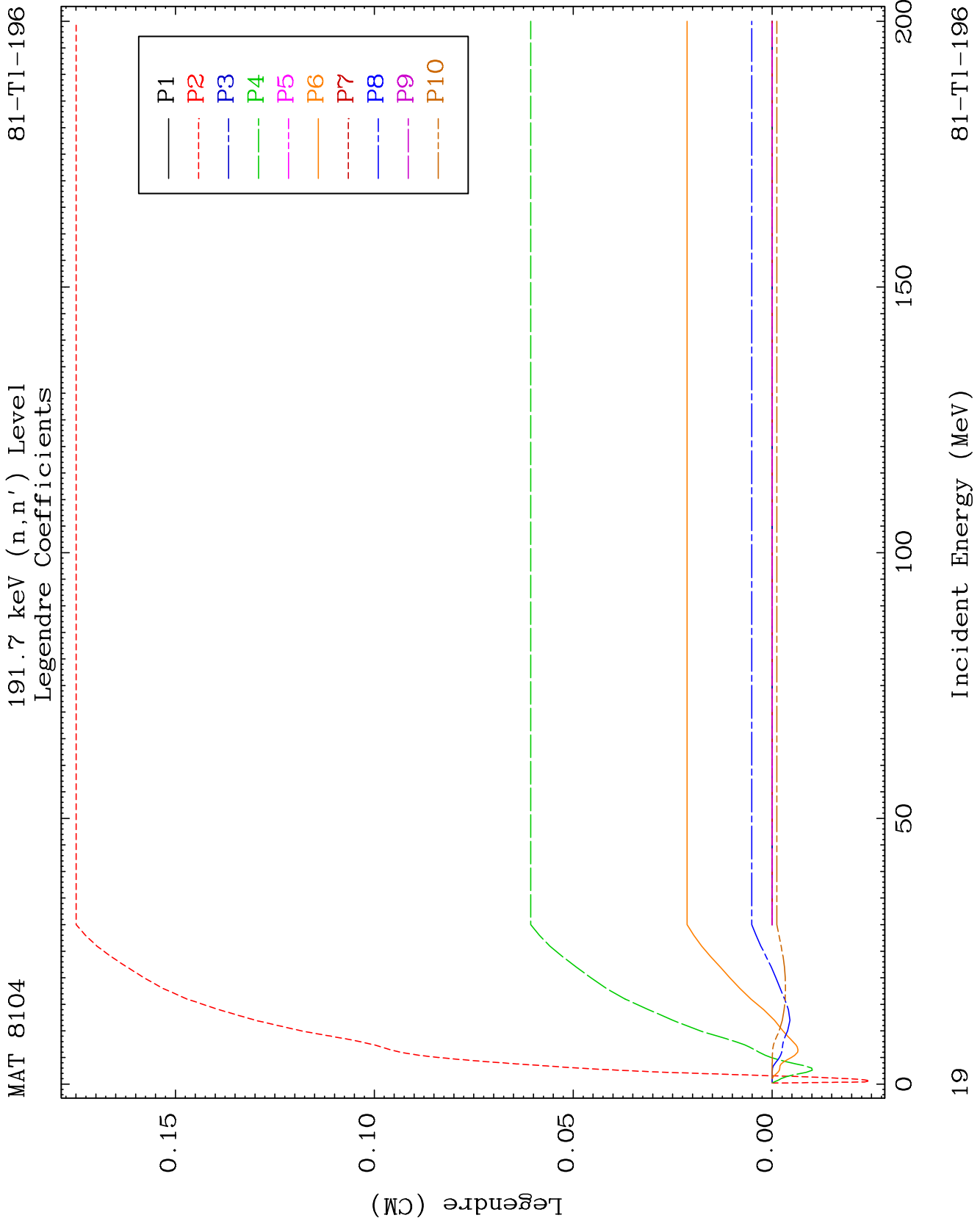
Elastic Legendre Coefficients

81-T1-196



17

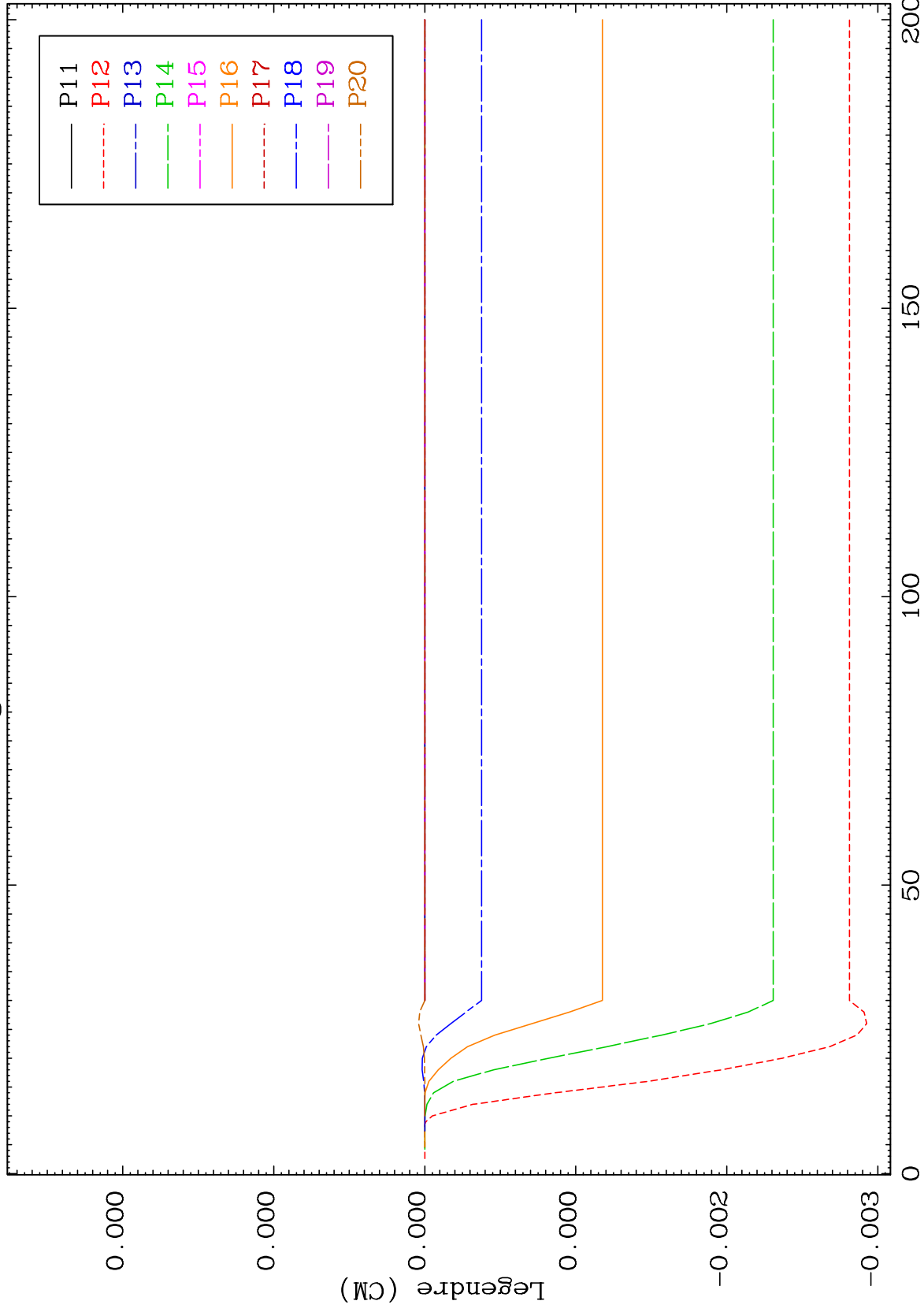
81-T1-196



MAT 8104

191.7 keV (n,n') Level
Legendre Coefficients

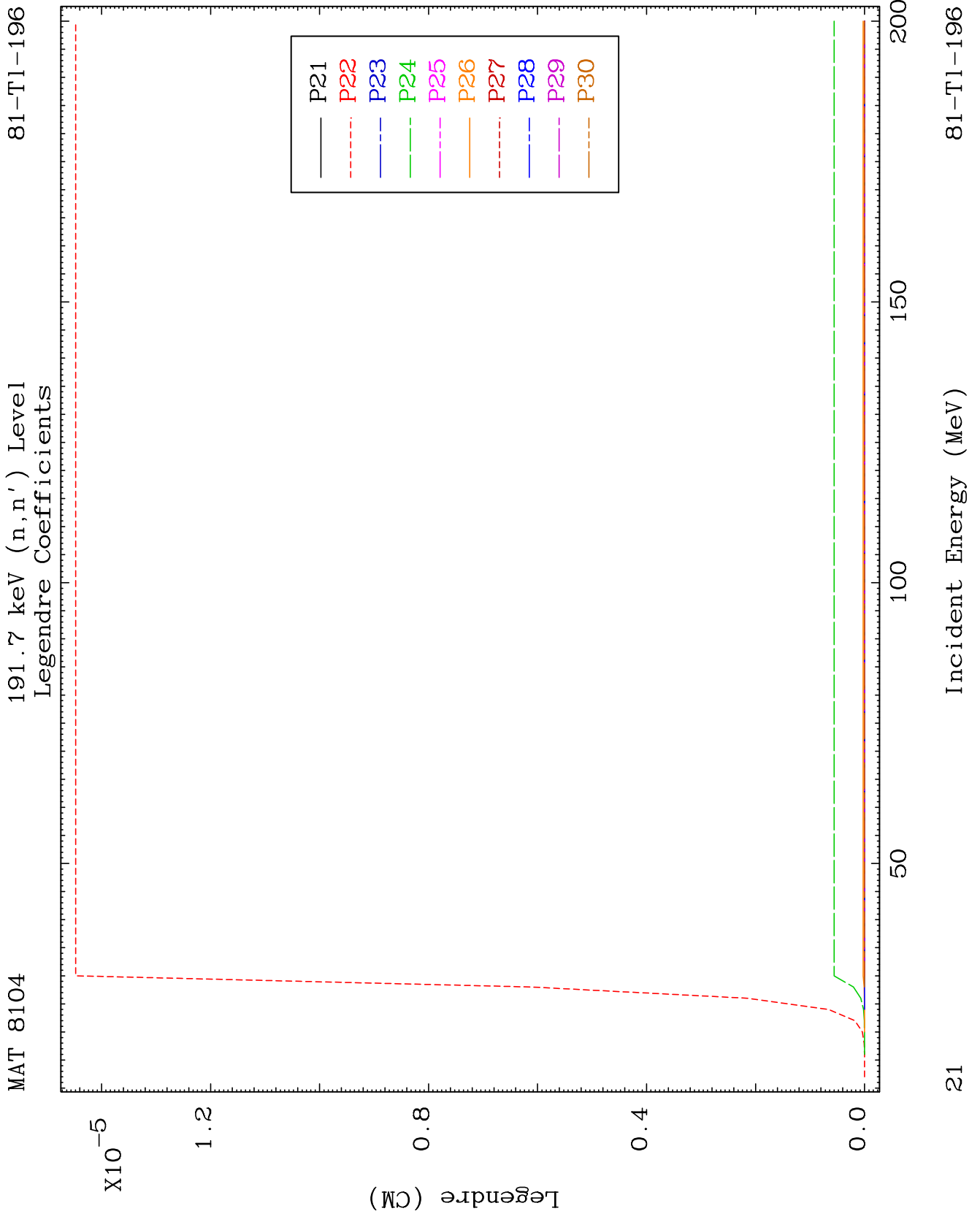
81-T1-196

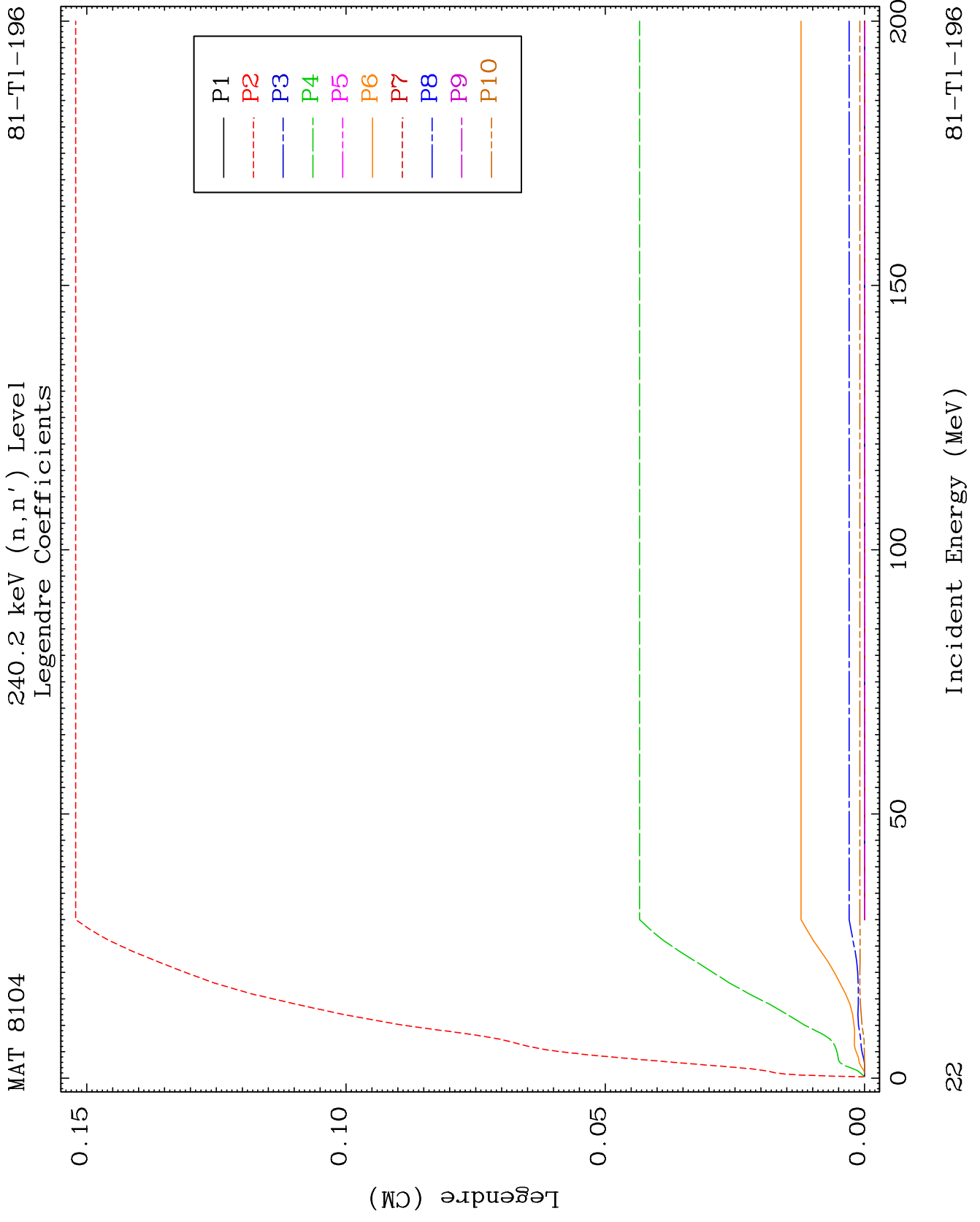


20

Incident Energy (MeV)

81-T1-196

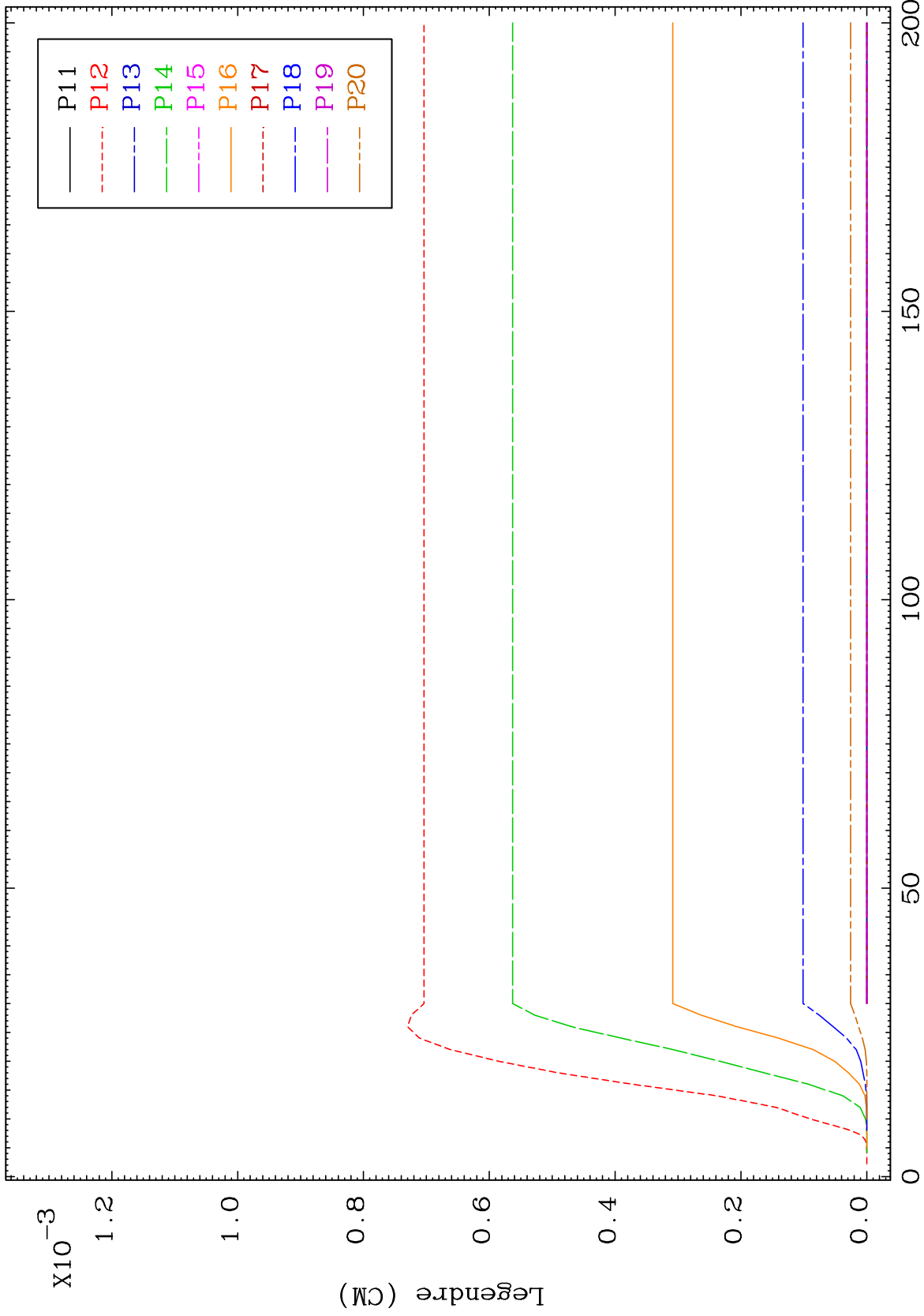




MAT 8104

240.2 keV (n,n') Level
Legendre Coefficients

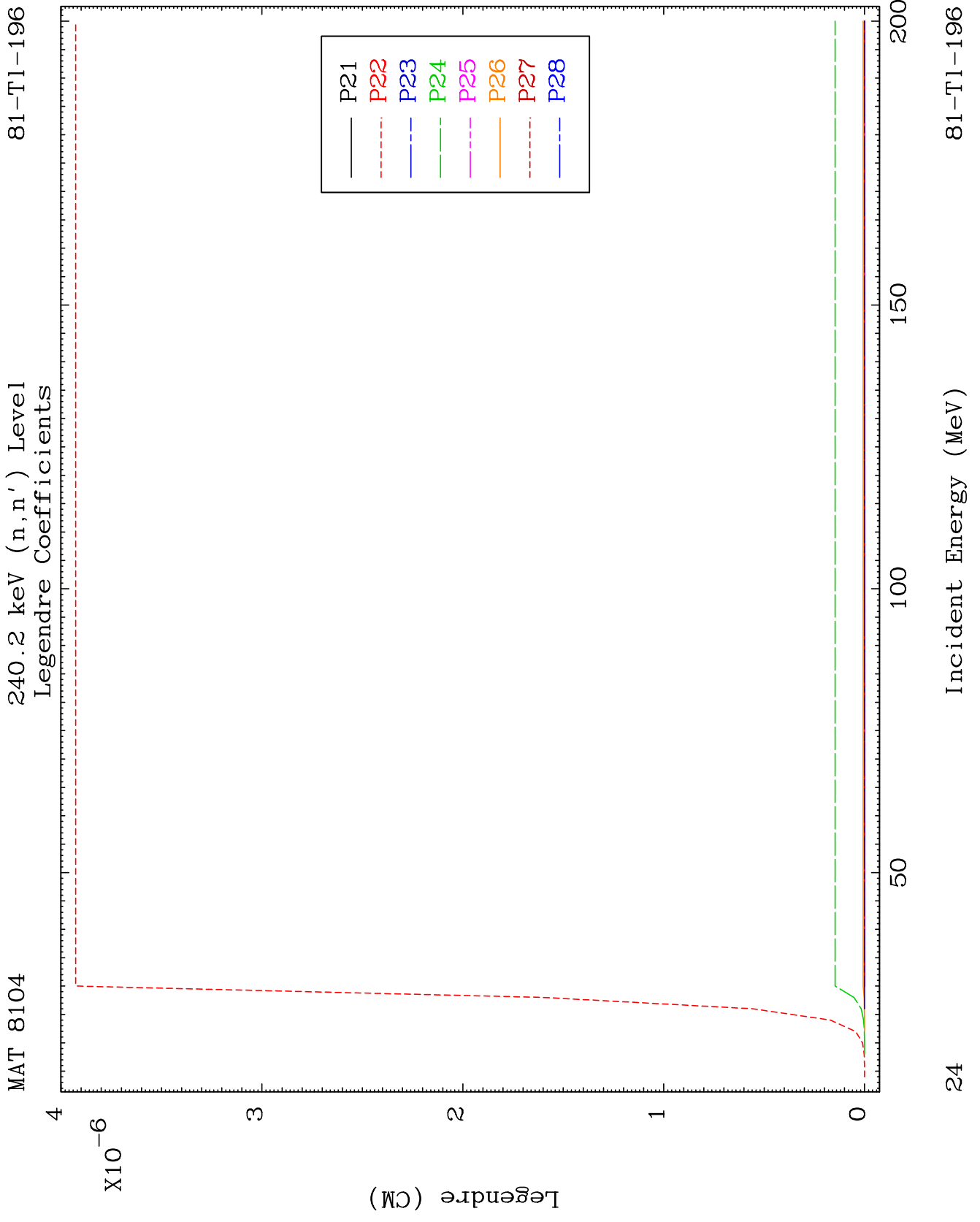
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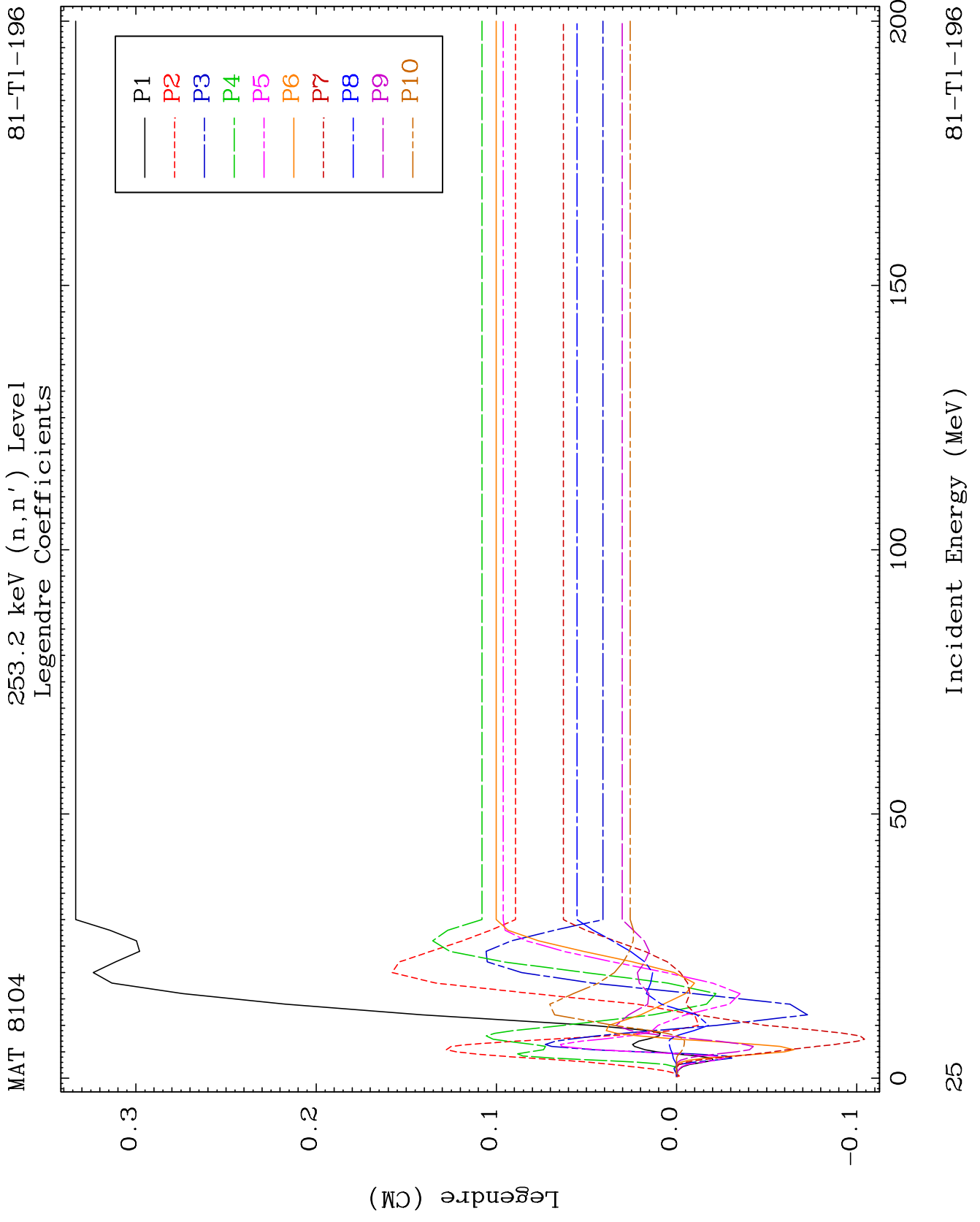


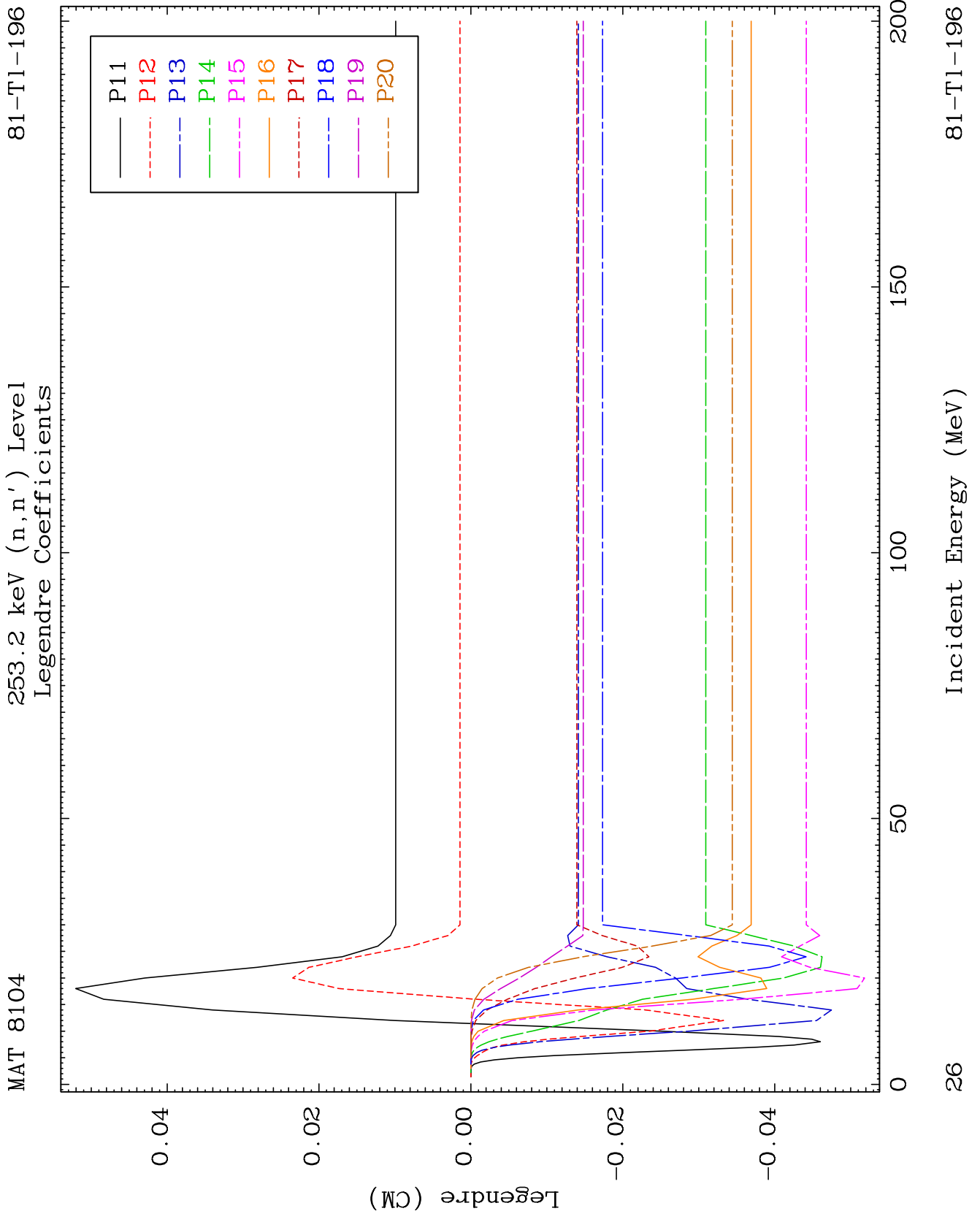
23

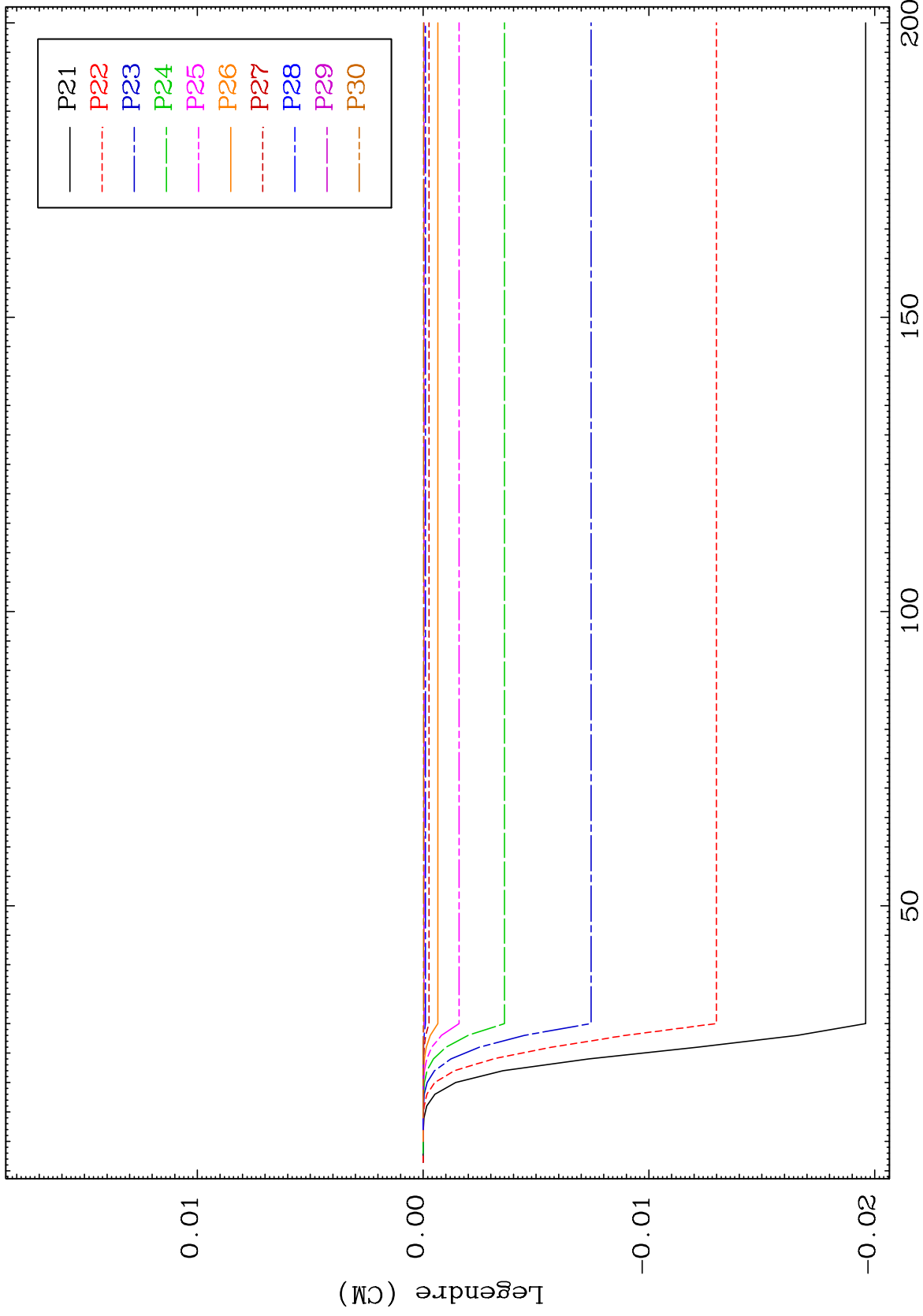
Incident Energy (MeV)

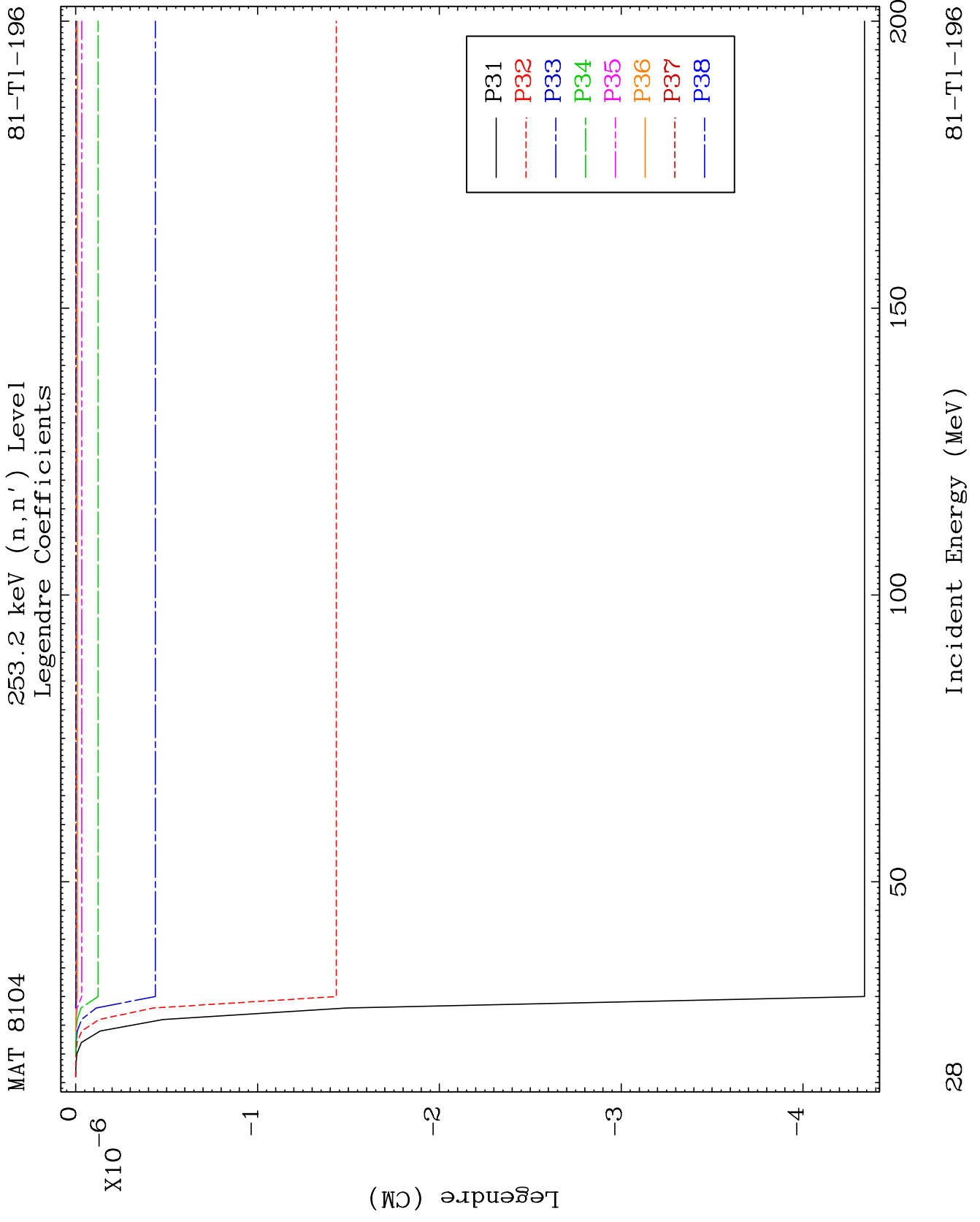
81-T1-196







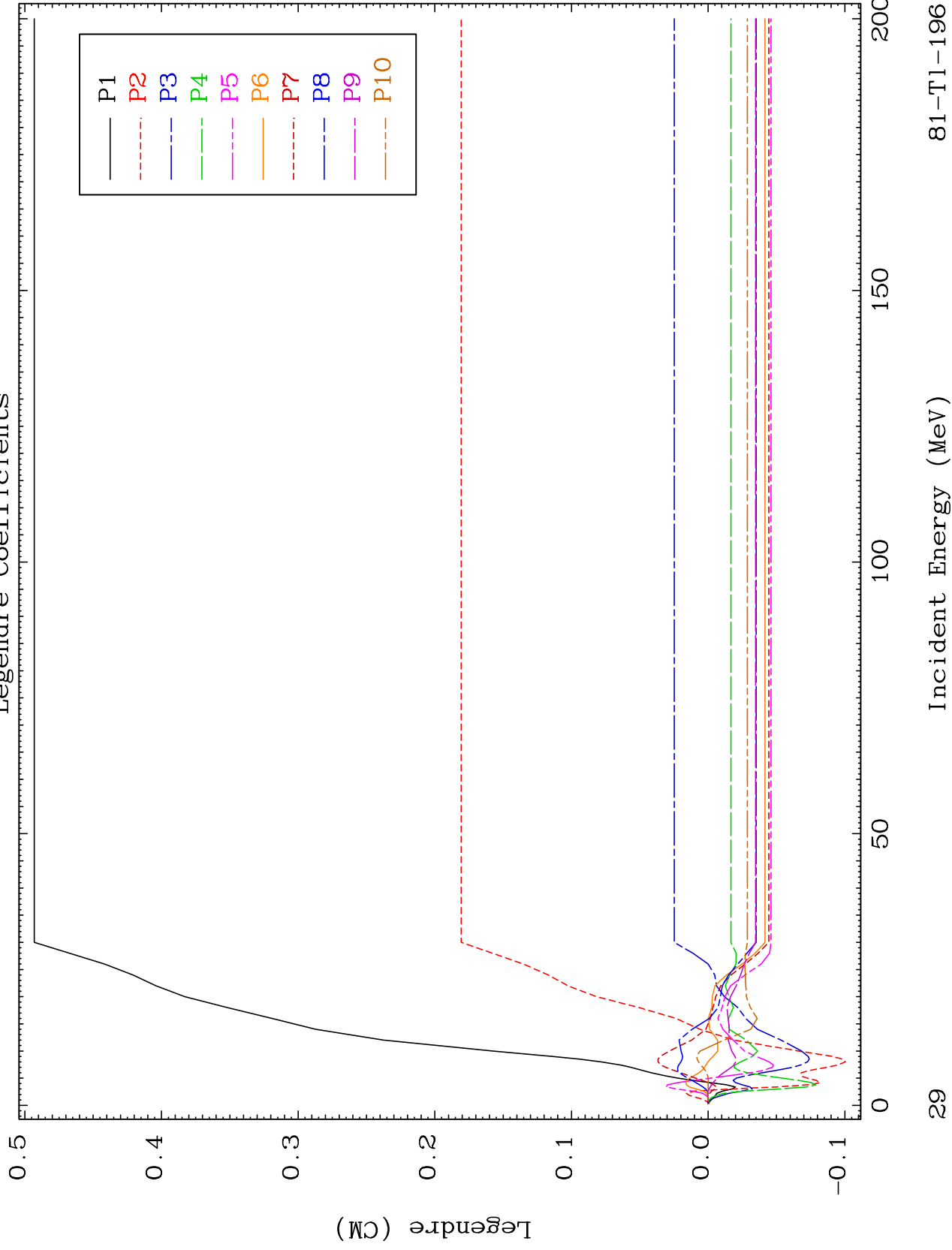




MAT 8104

274.1 keV (n,n') Level
Legendre Coefficients

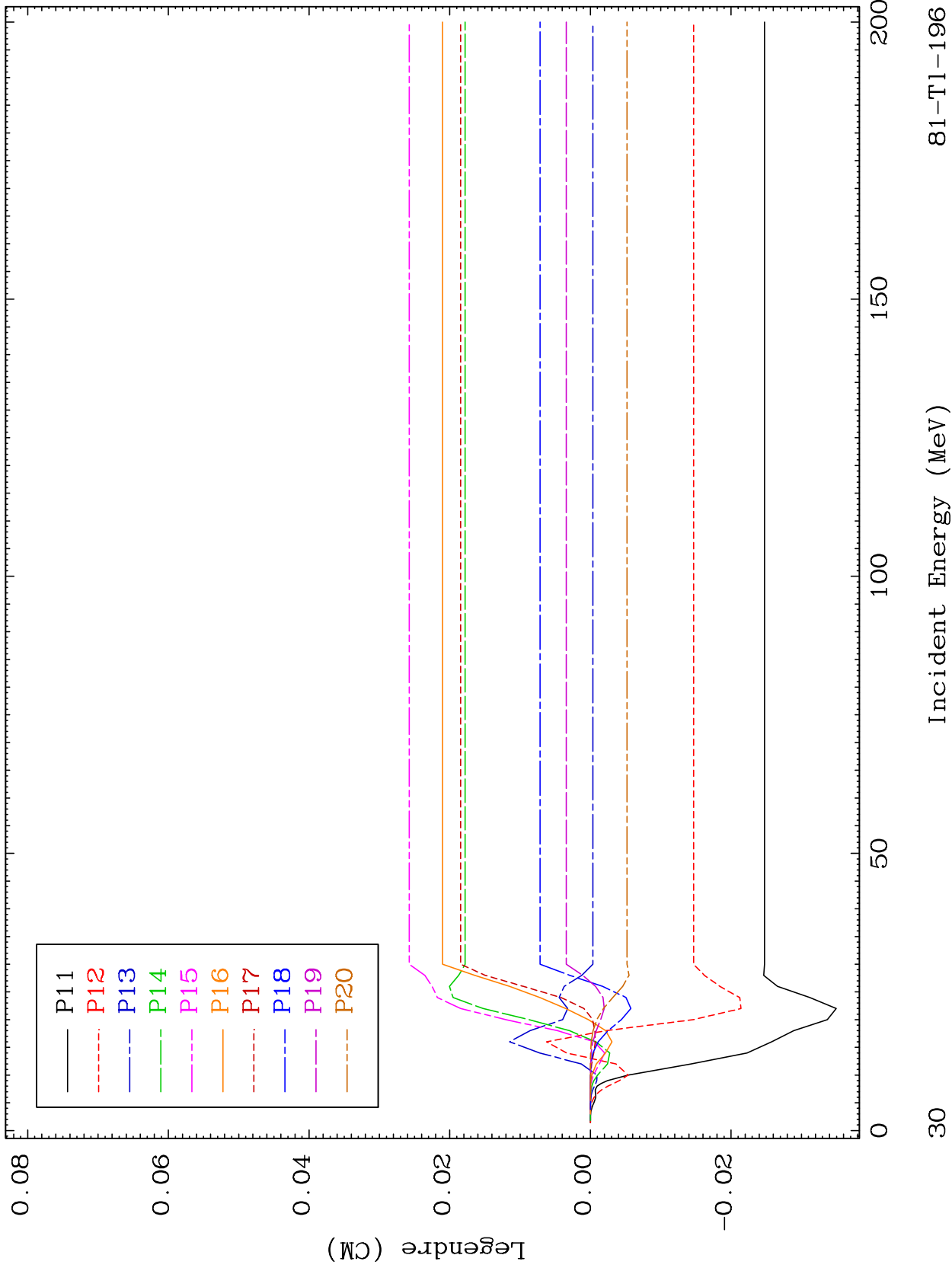
81-Tl-196



MAT 8104

274.1 keV (n,n') Level
Legendre Coefficients

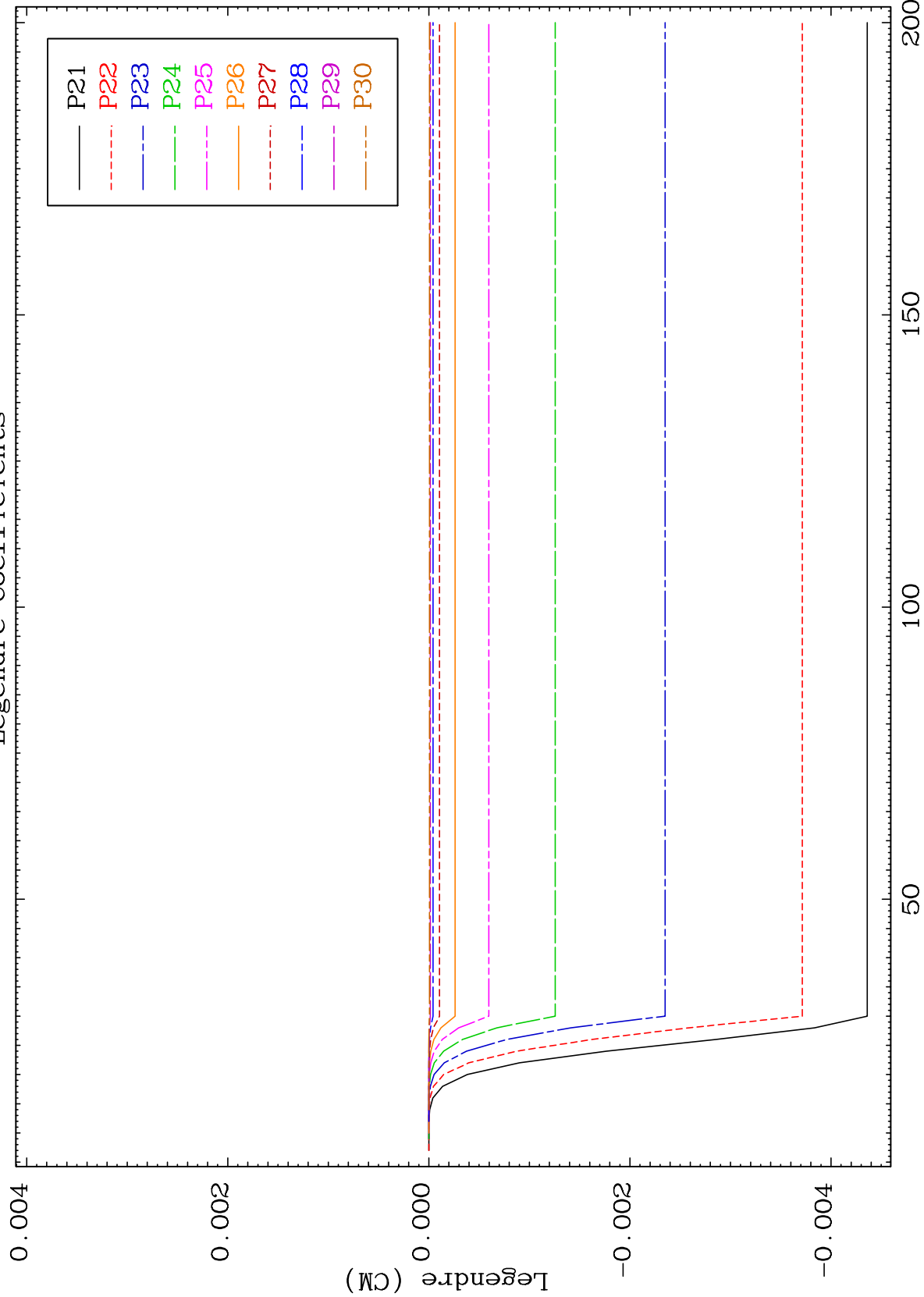
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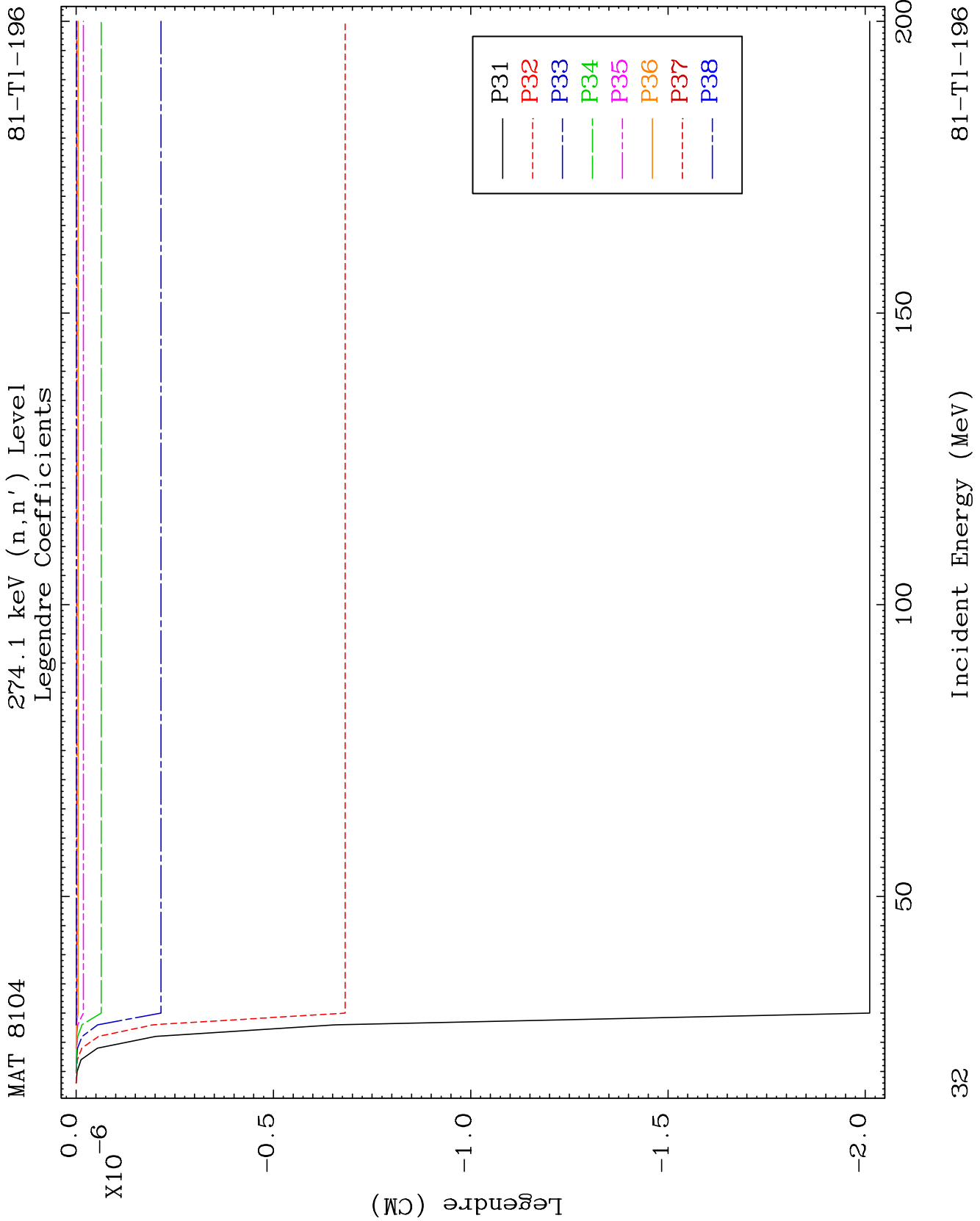


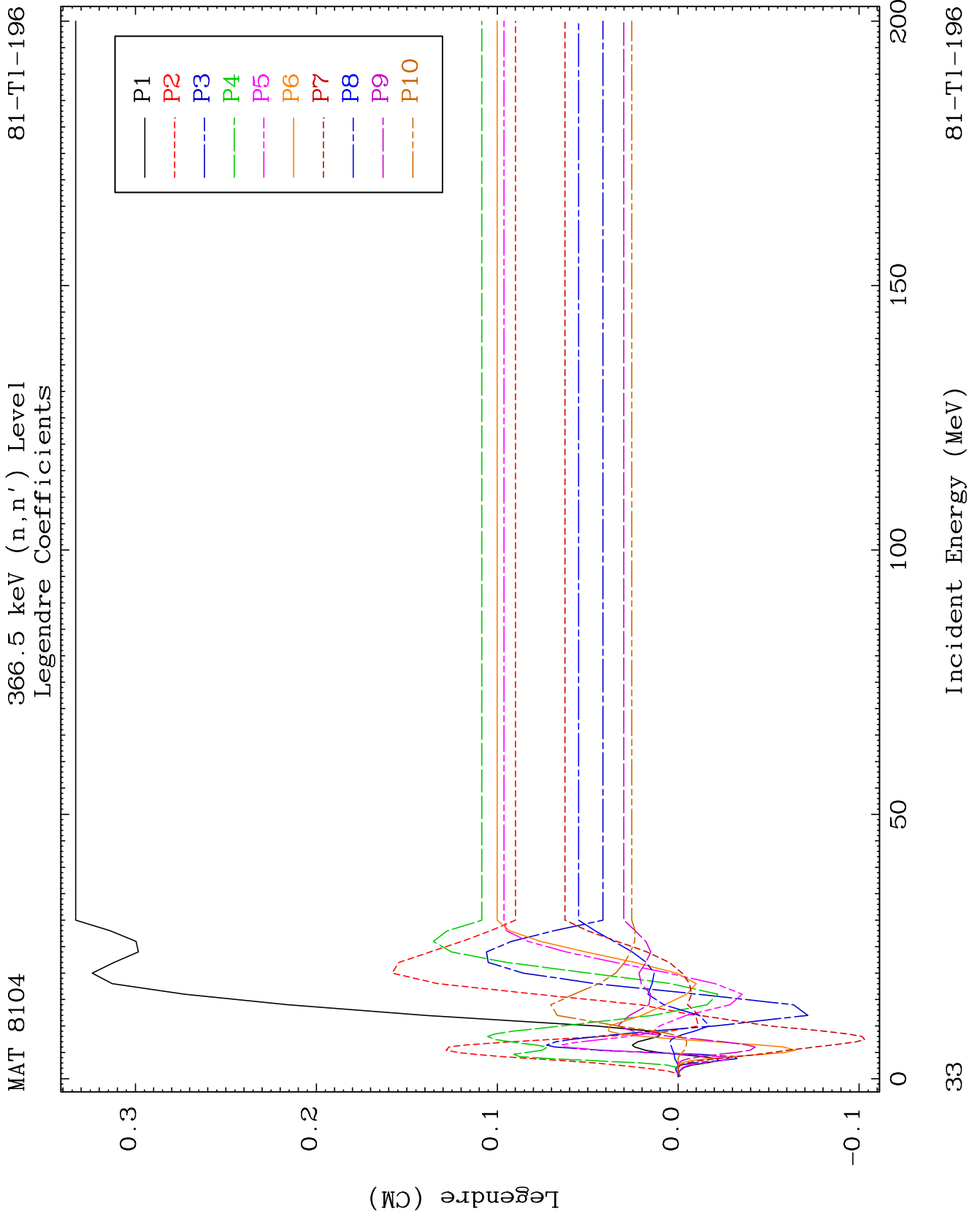
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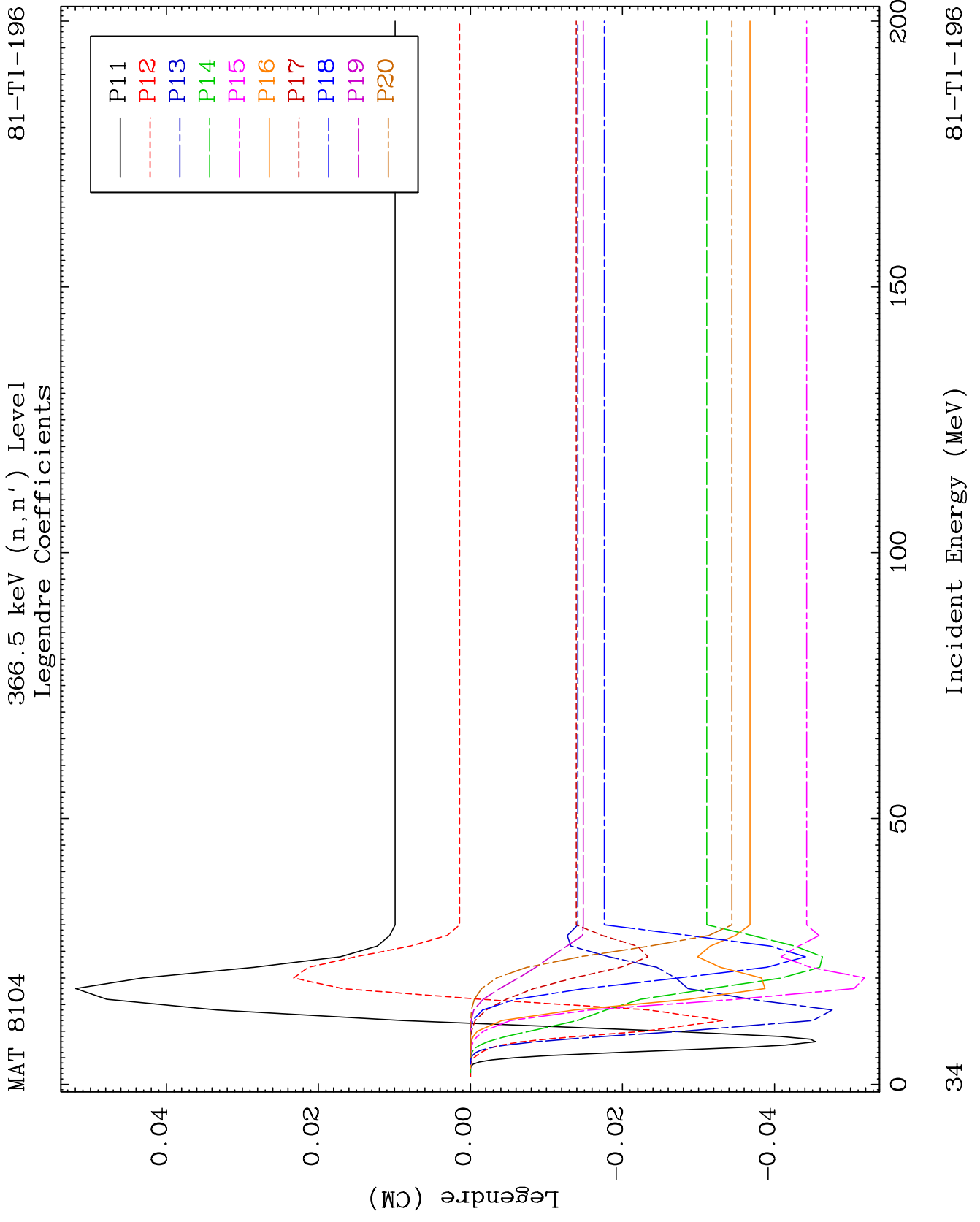
Incident Energy (MeV)

30





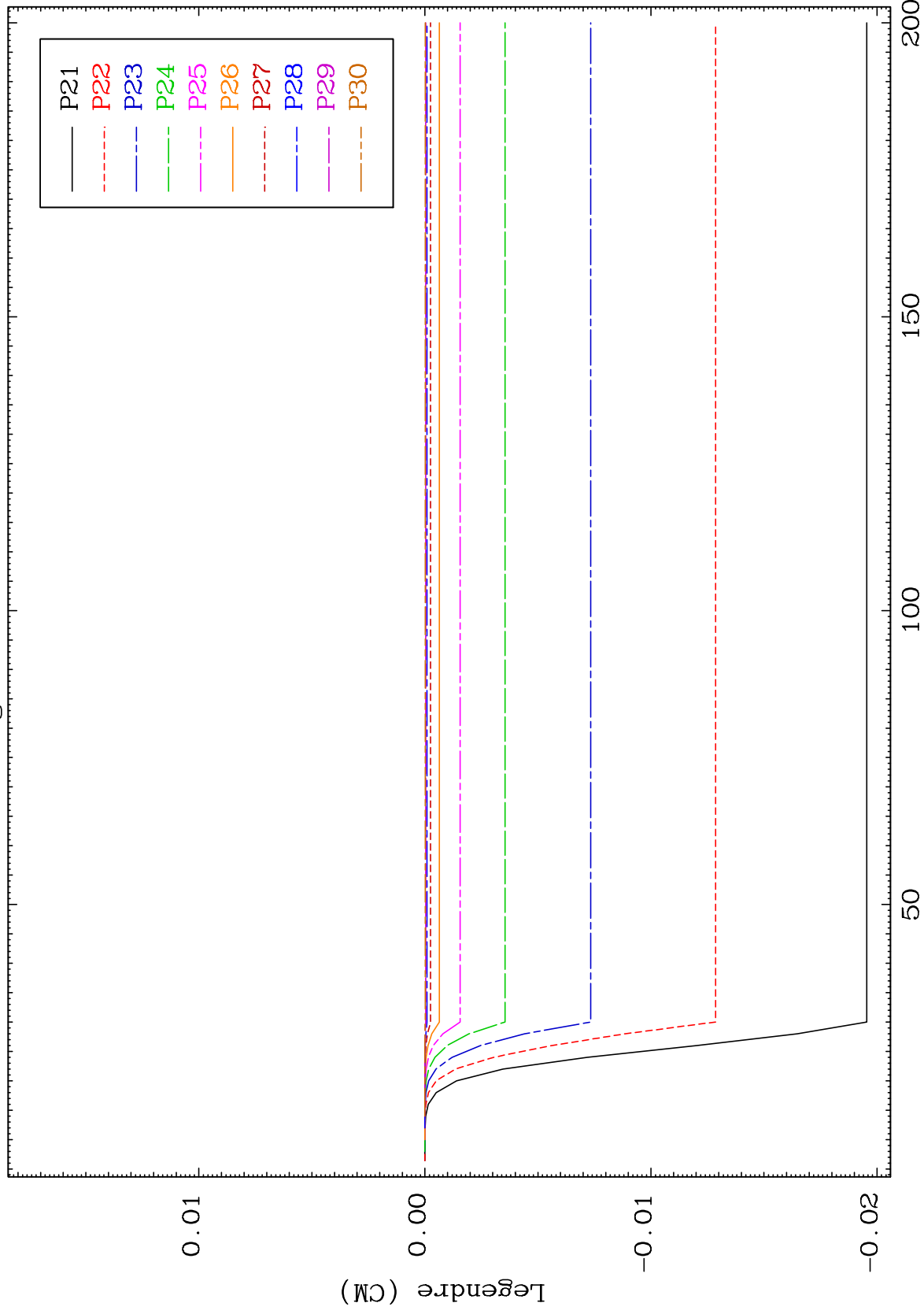




MAT 8104

366.5 keV (n,n') Level
Legendre Coefficients

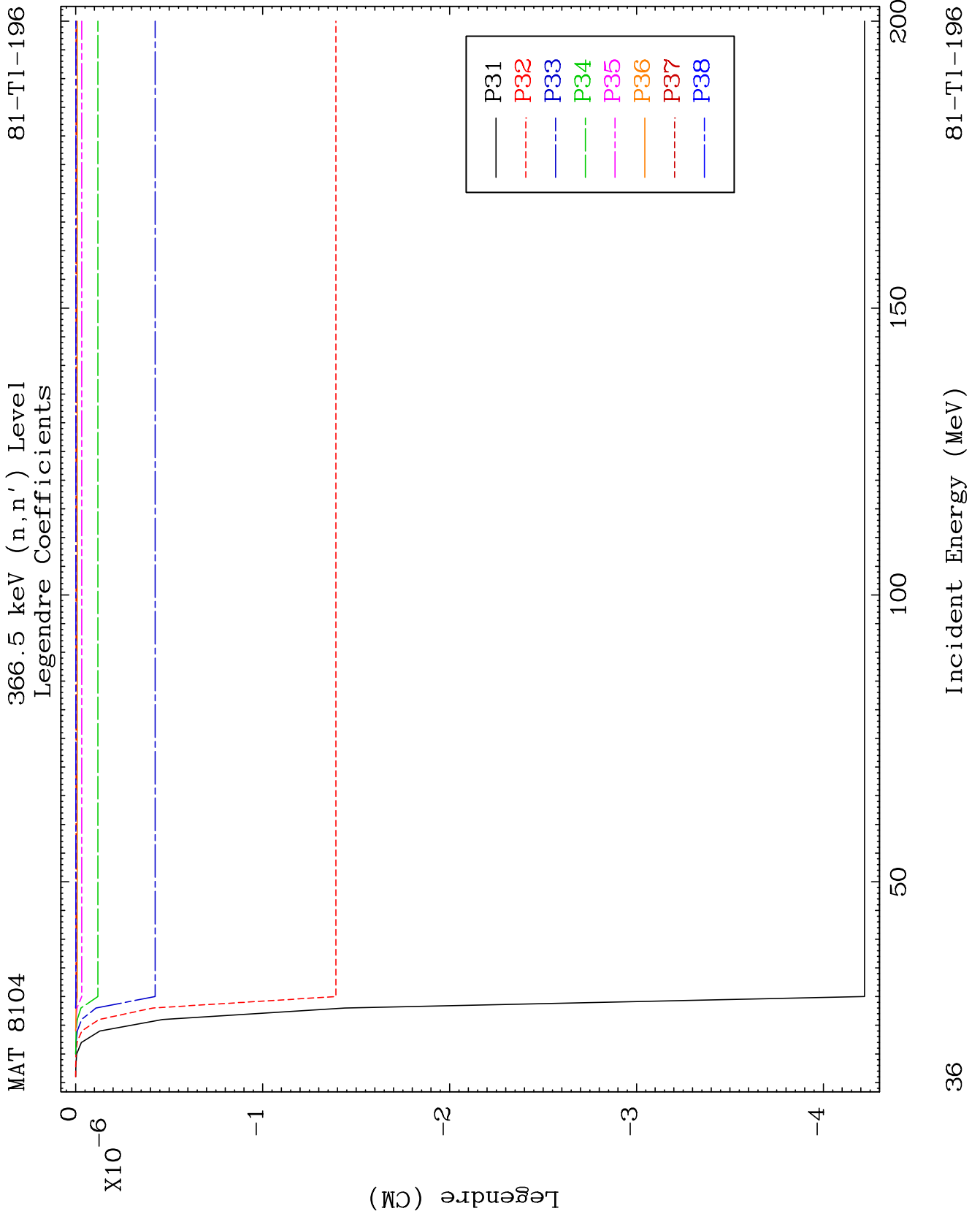
81-T1-196



35

Incident Energy (MeV)

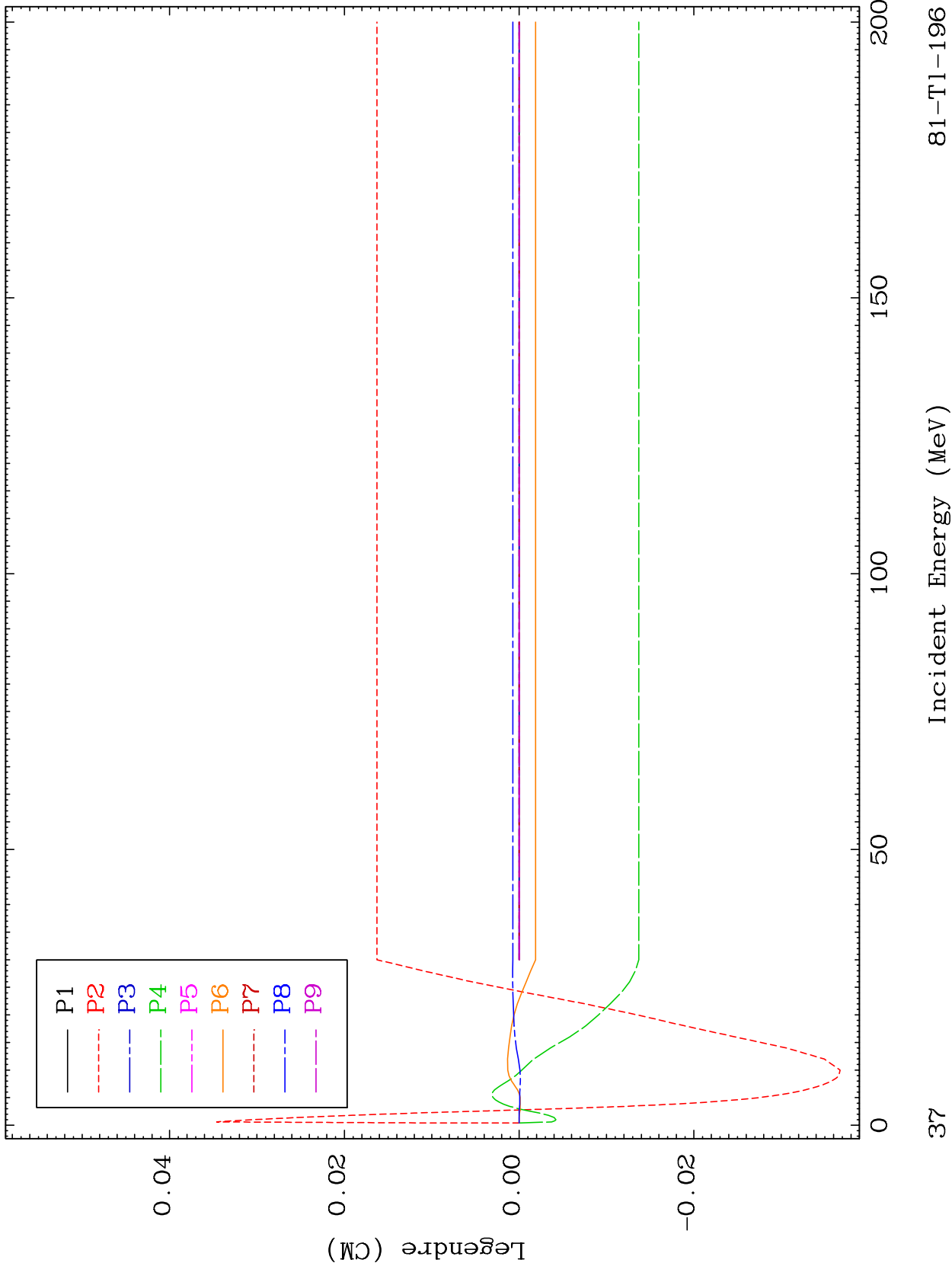
81-T1-196



MAT 8104

394.2 keV (n,n') Level
Legendre Coefficients

81-T1-196

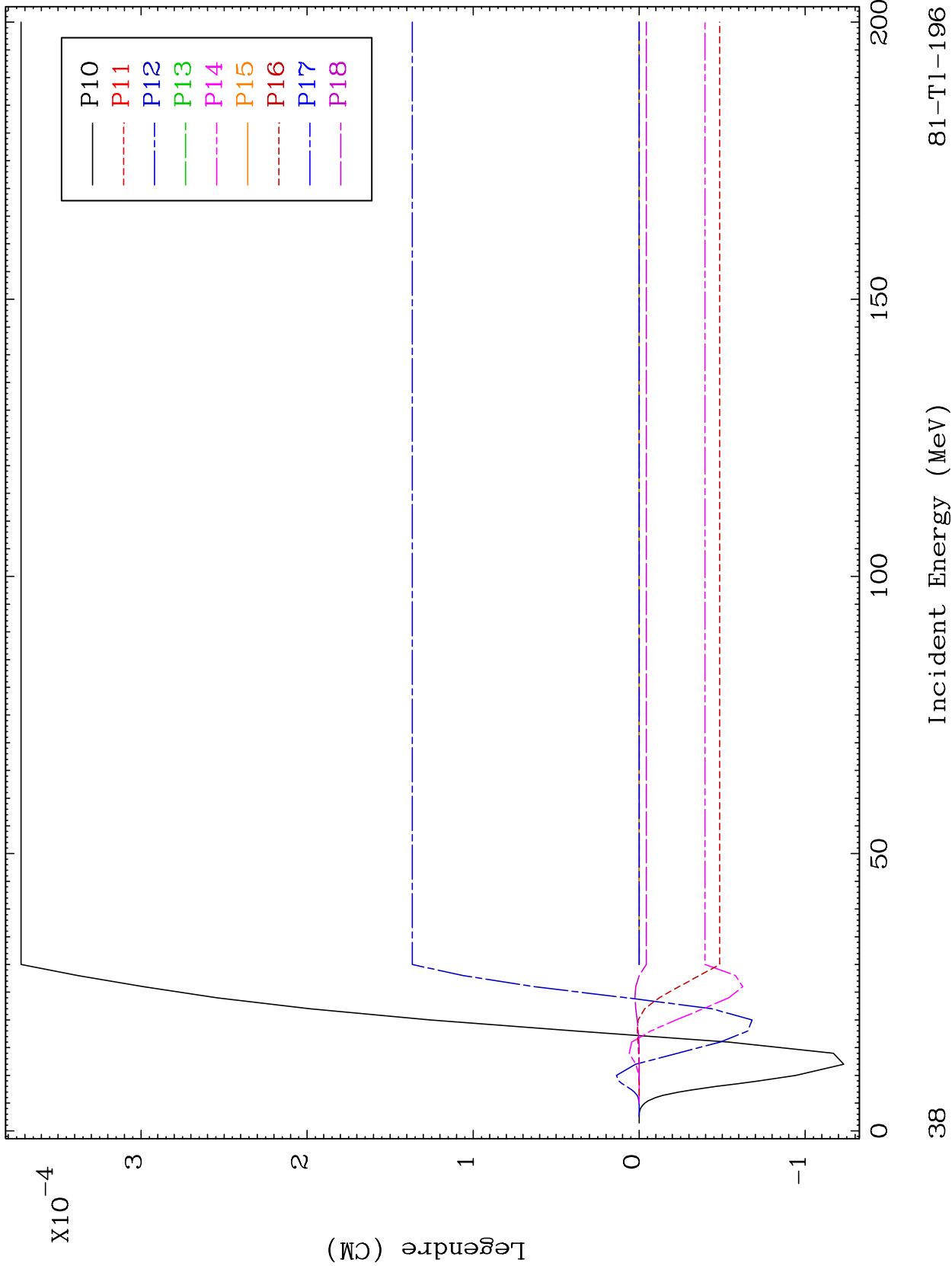


37

MAT 8104

394.2 keV (n,n') Level
Legendre Coefficients

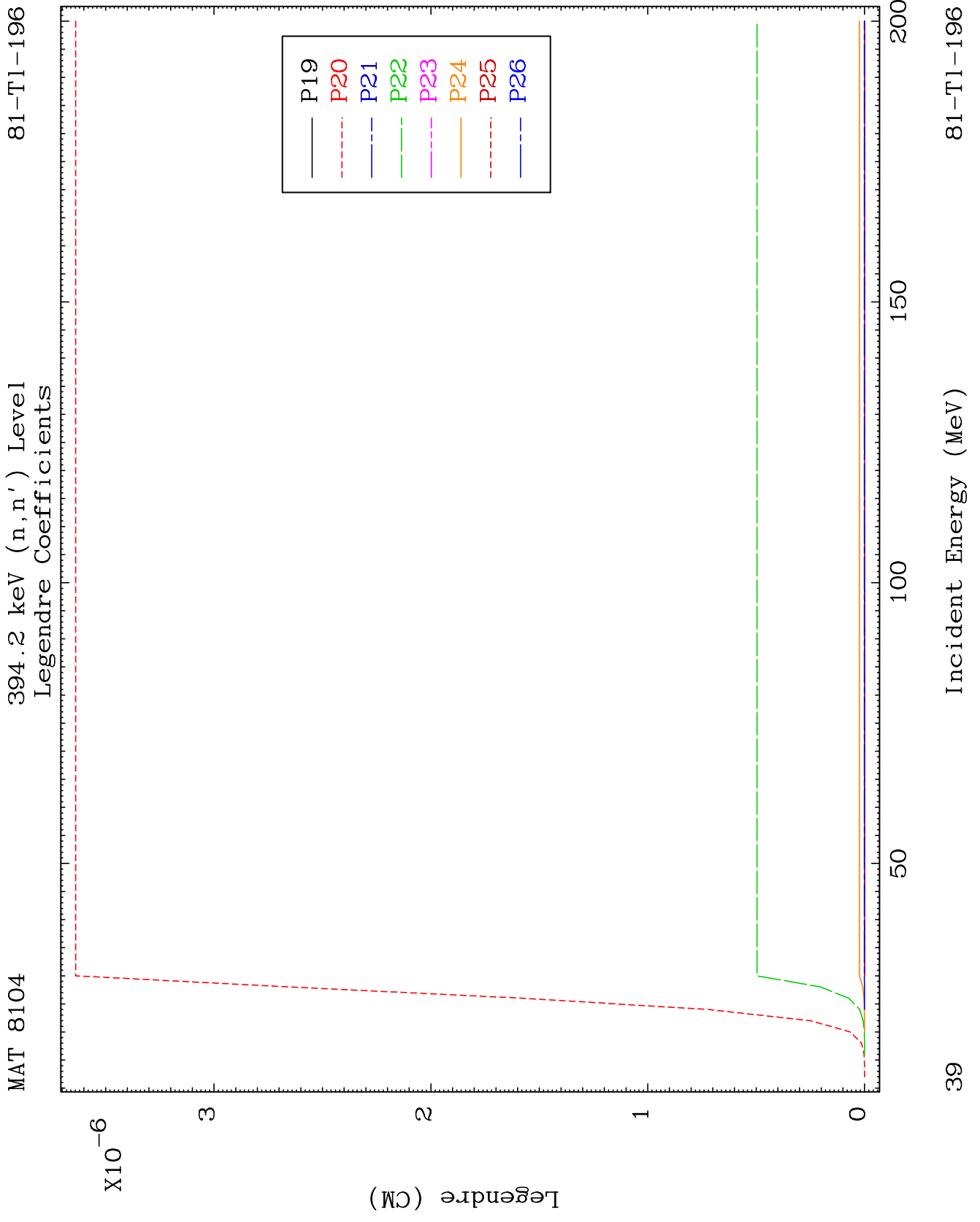
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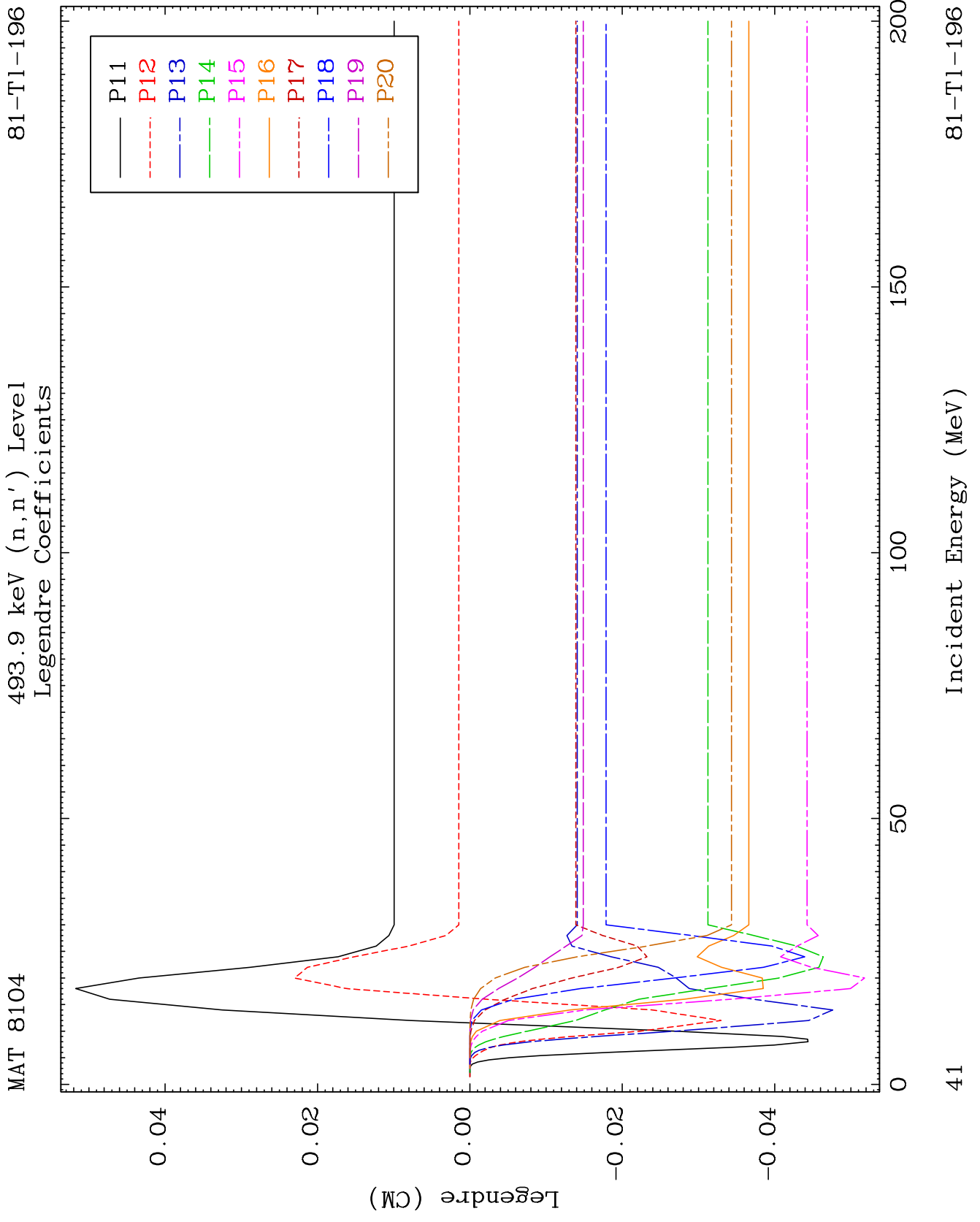


81-T1-196

Incident Energy (MeV)

38

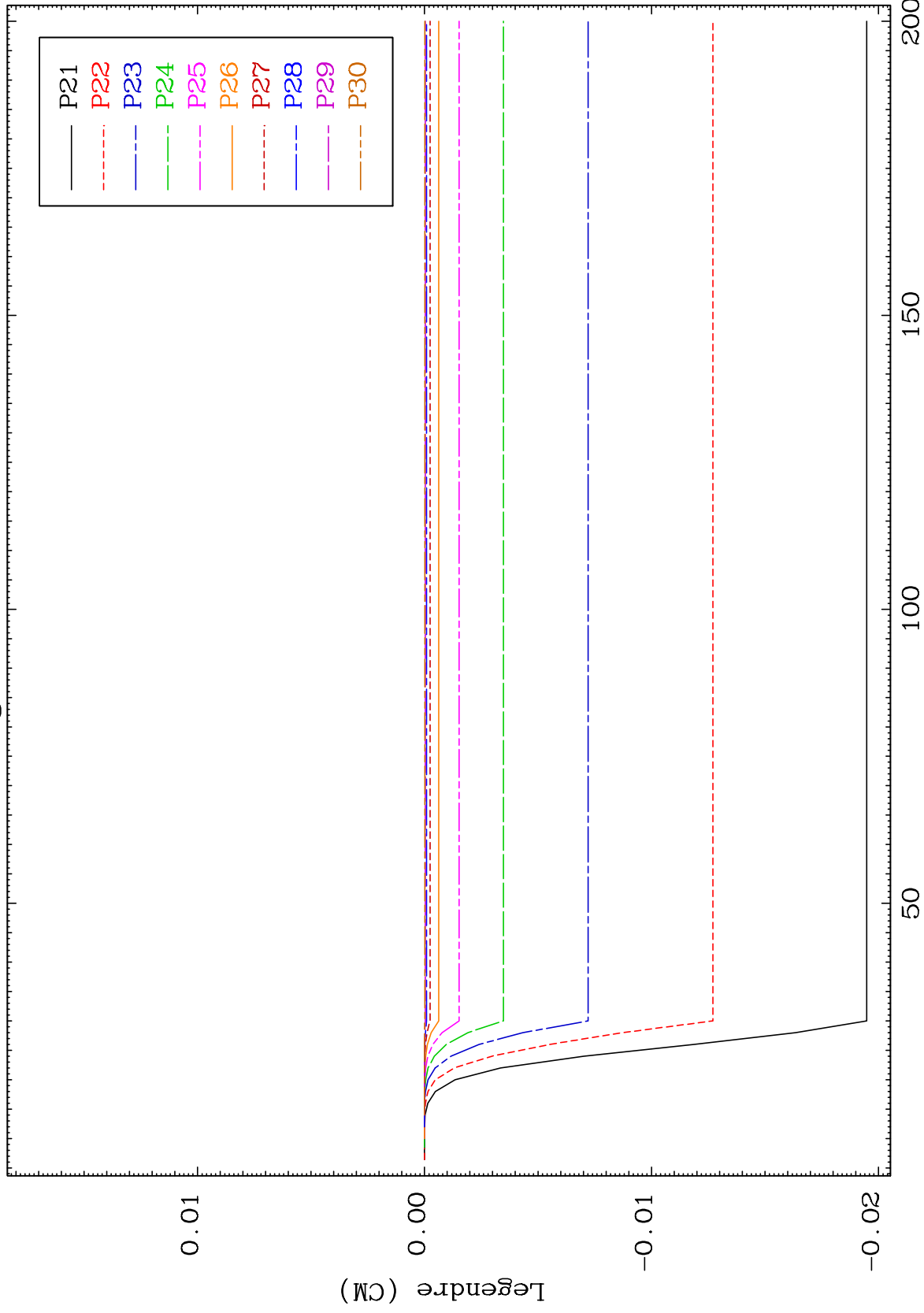




MAT 8104

493.9 keV (n,n') Level
Legendre Coefficients

81-T1-196



42

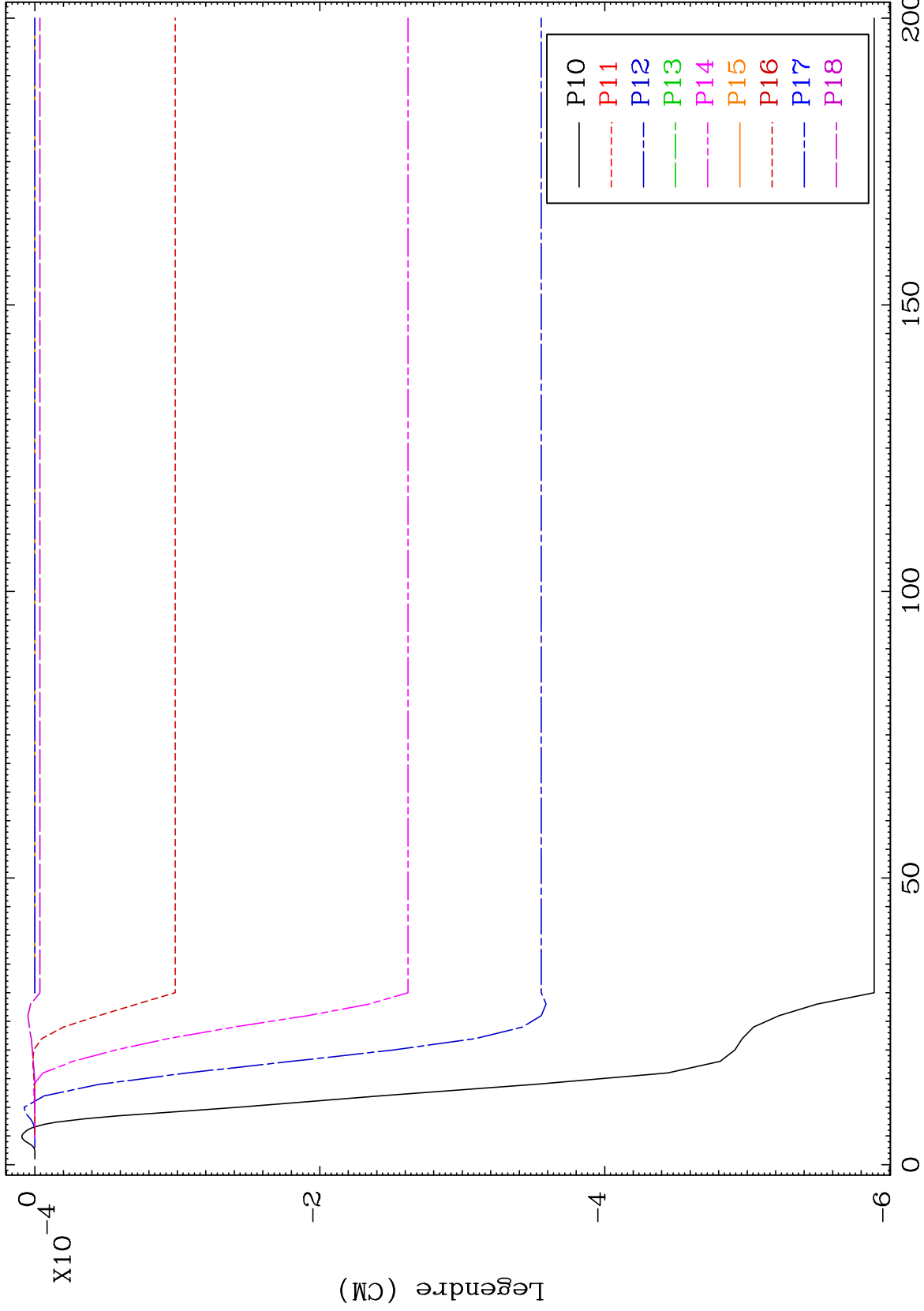
Incident Energy (MeV)

81-T1-196

MAT 8104

638.1 keV (n,n') Level
Legendre Coefficients

81-T1-196



45

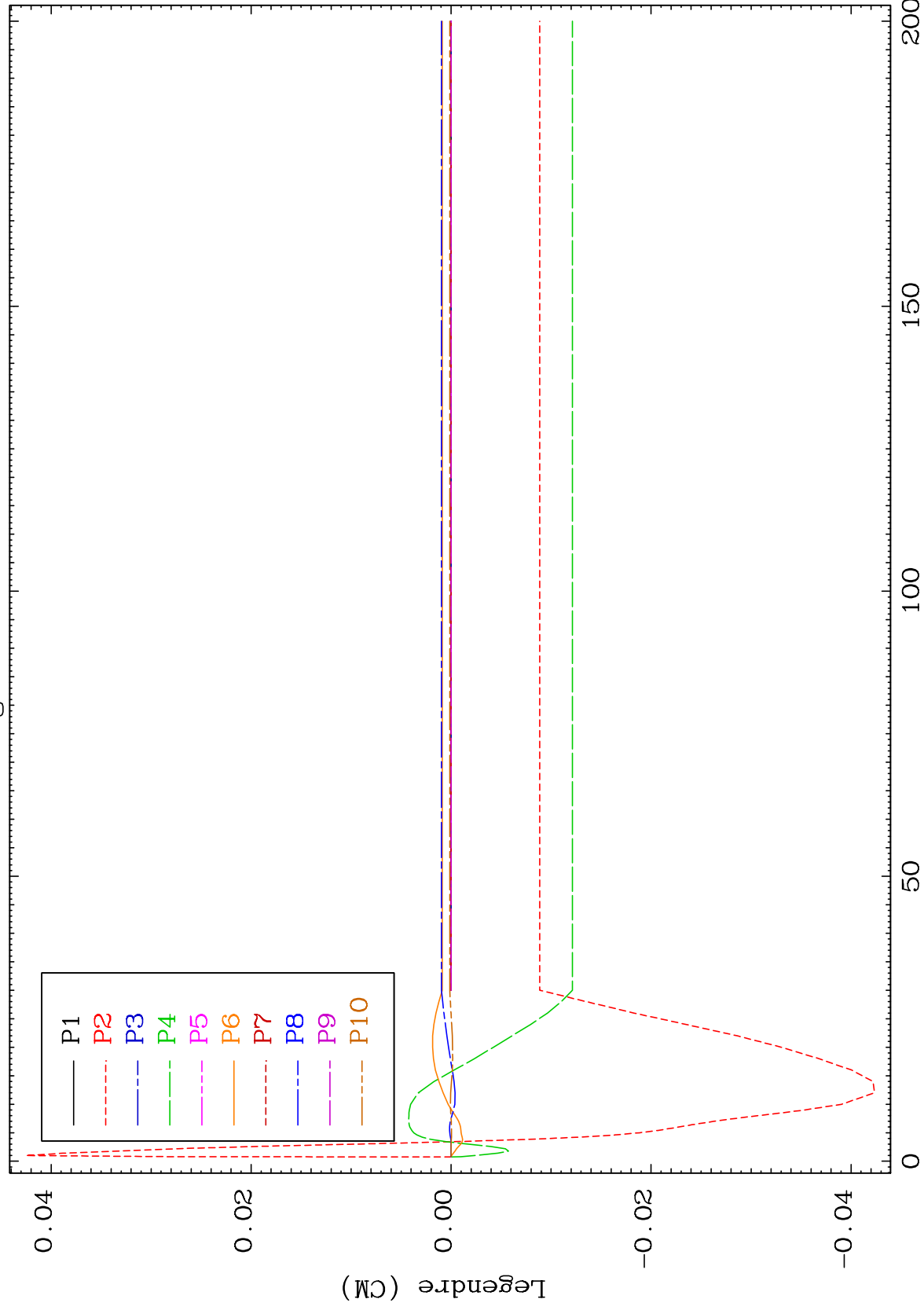
Incident Energy (MeV)

81-T1-196

MAT 8104

738.1 keV (n,n') Level
Legendre Coefficients

81-T1-196



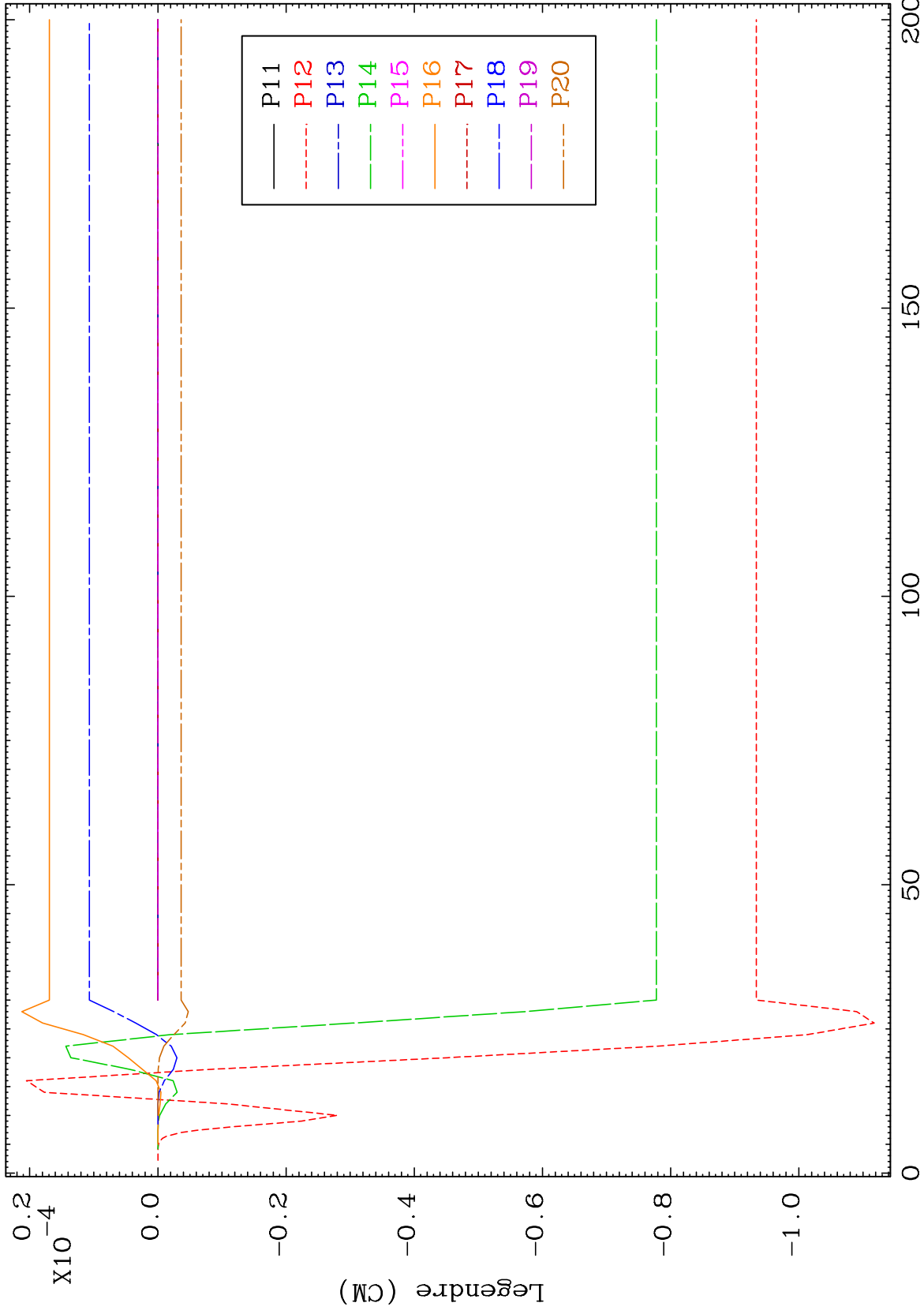
47

81-T1-196

MAT 8104

738.1 keV (n,n') Level
Legendre Coefficients

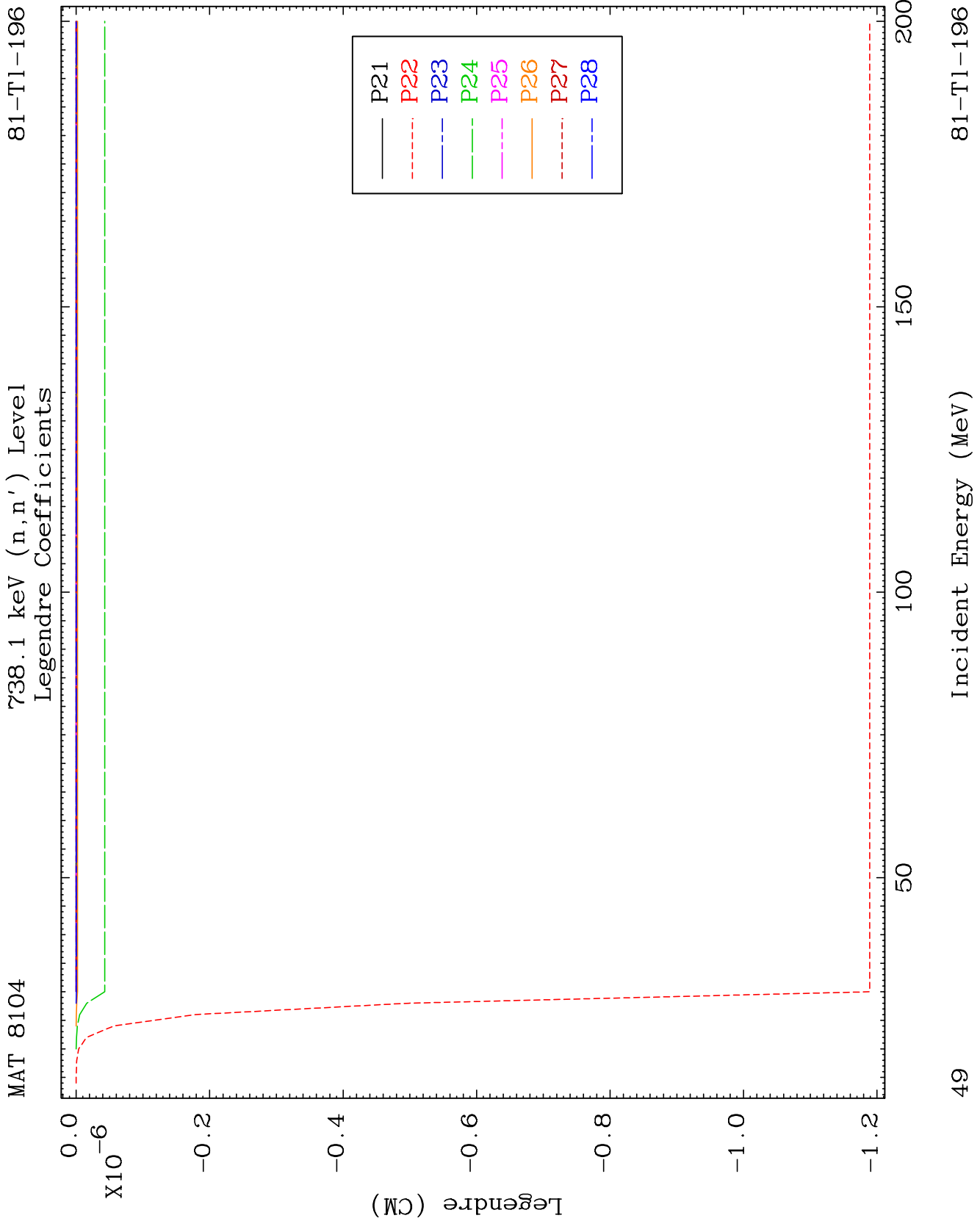
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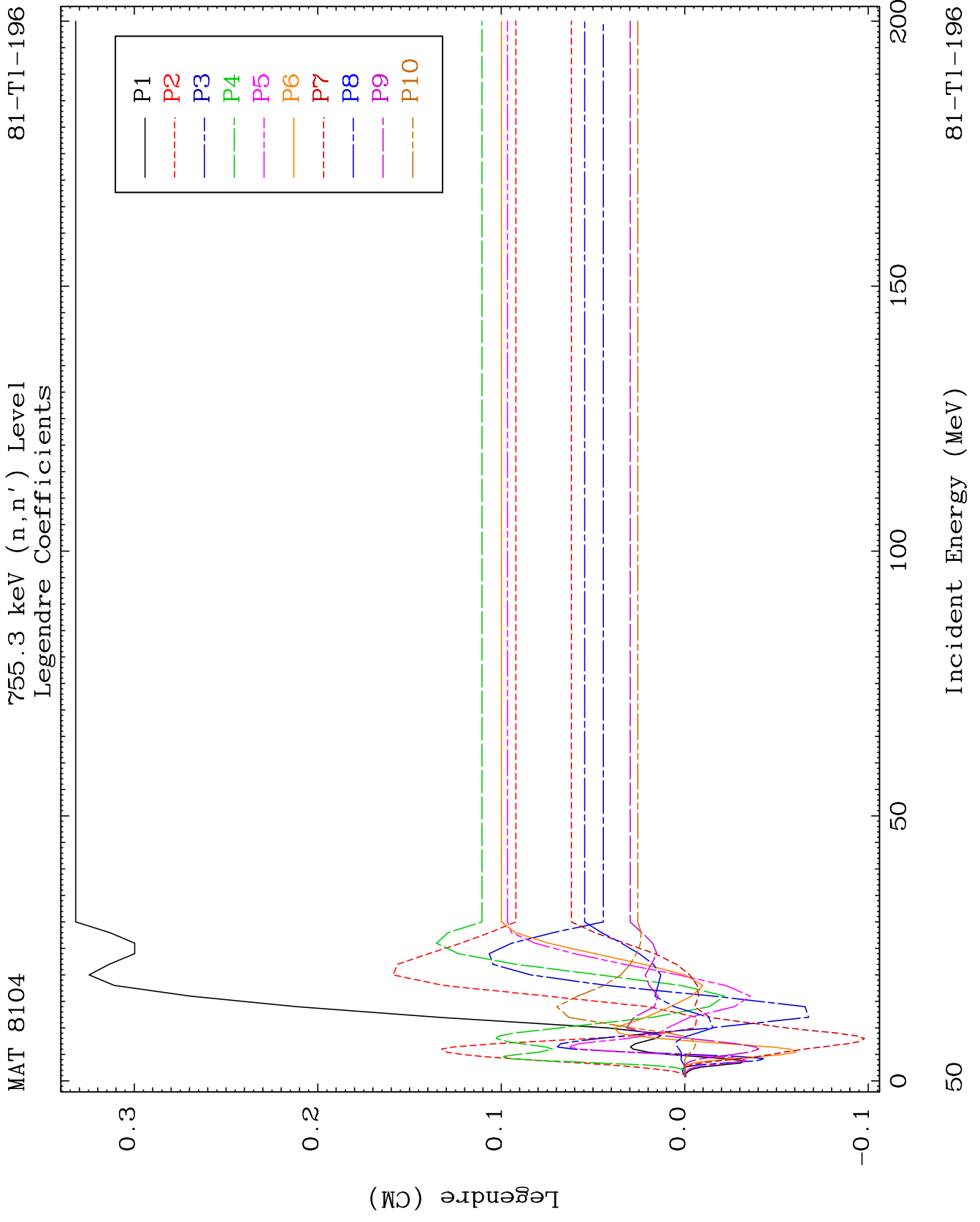


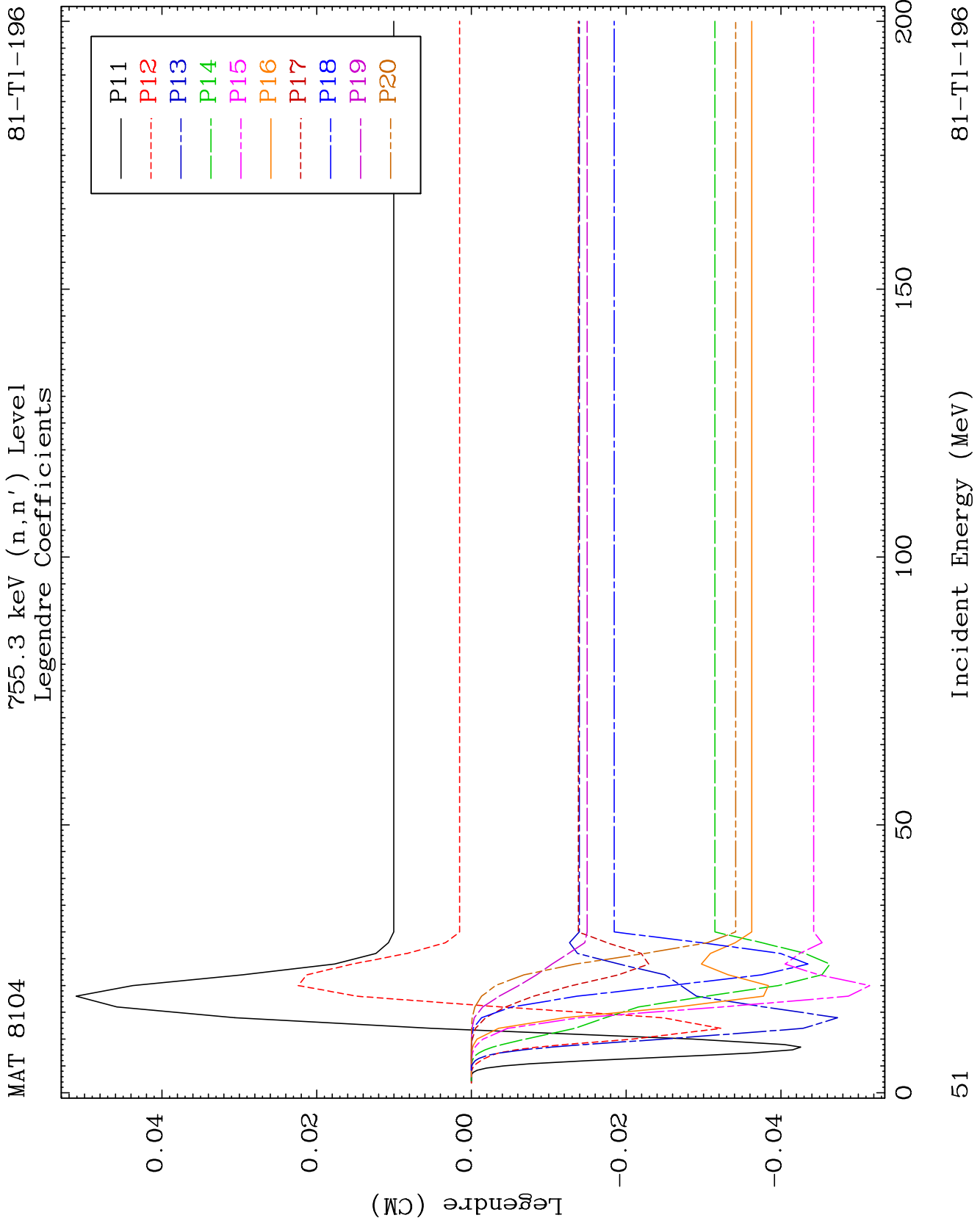
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Incident Energy (MeV)

81-T1-196



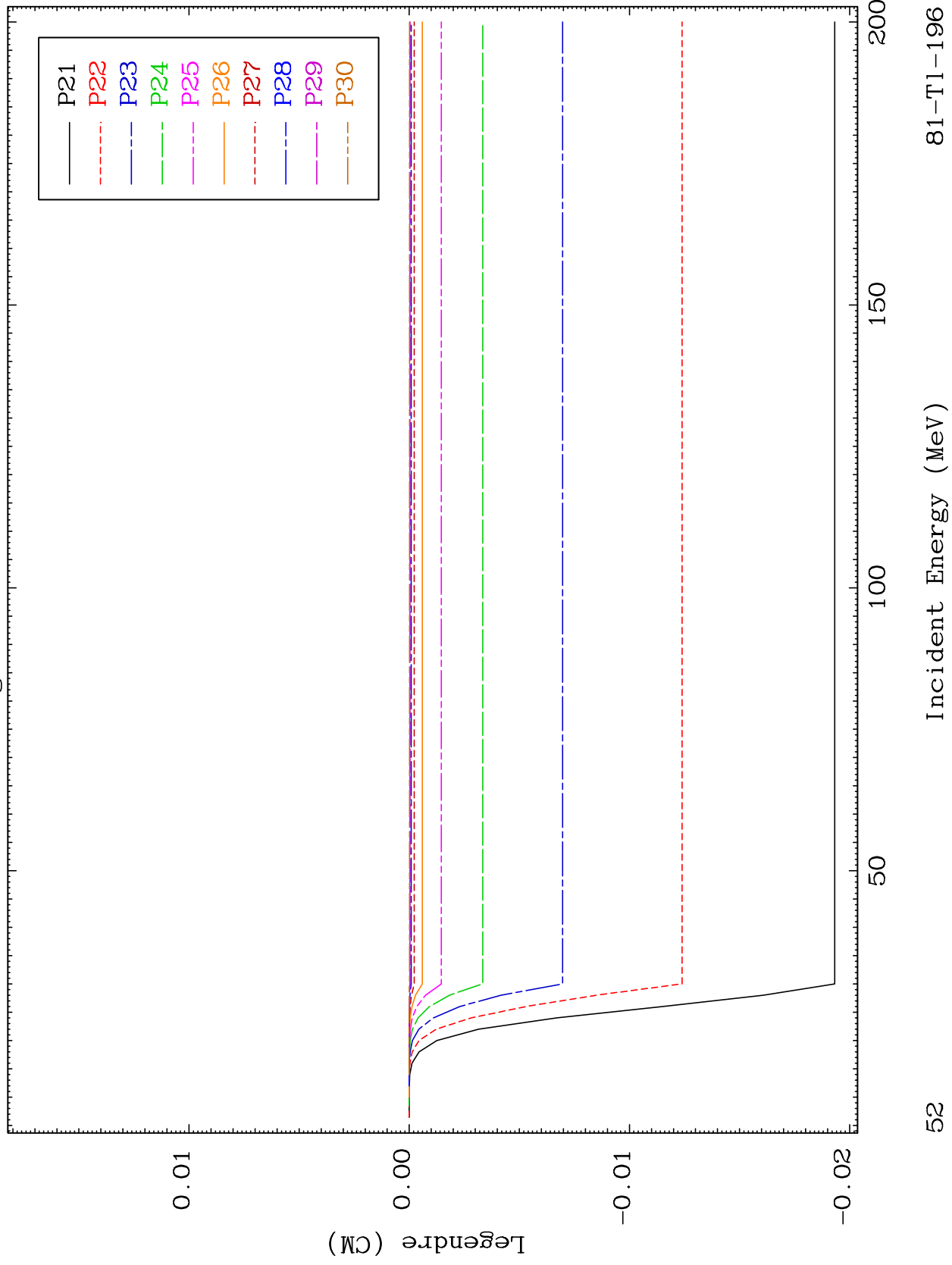




MAT 8104

755.3 keV (n,n') Level
Legendre Coefficients

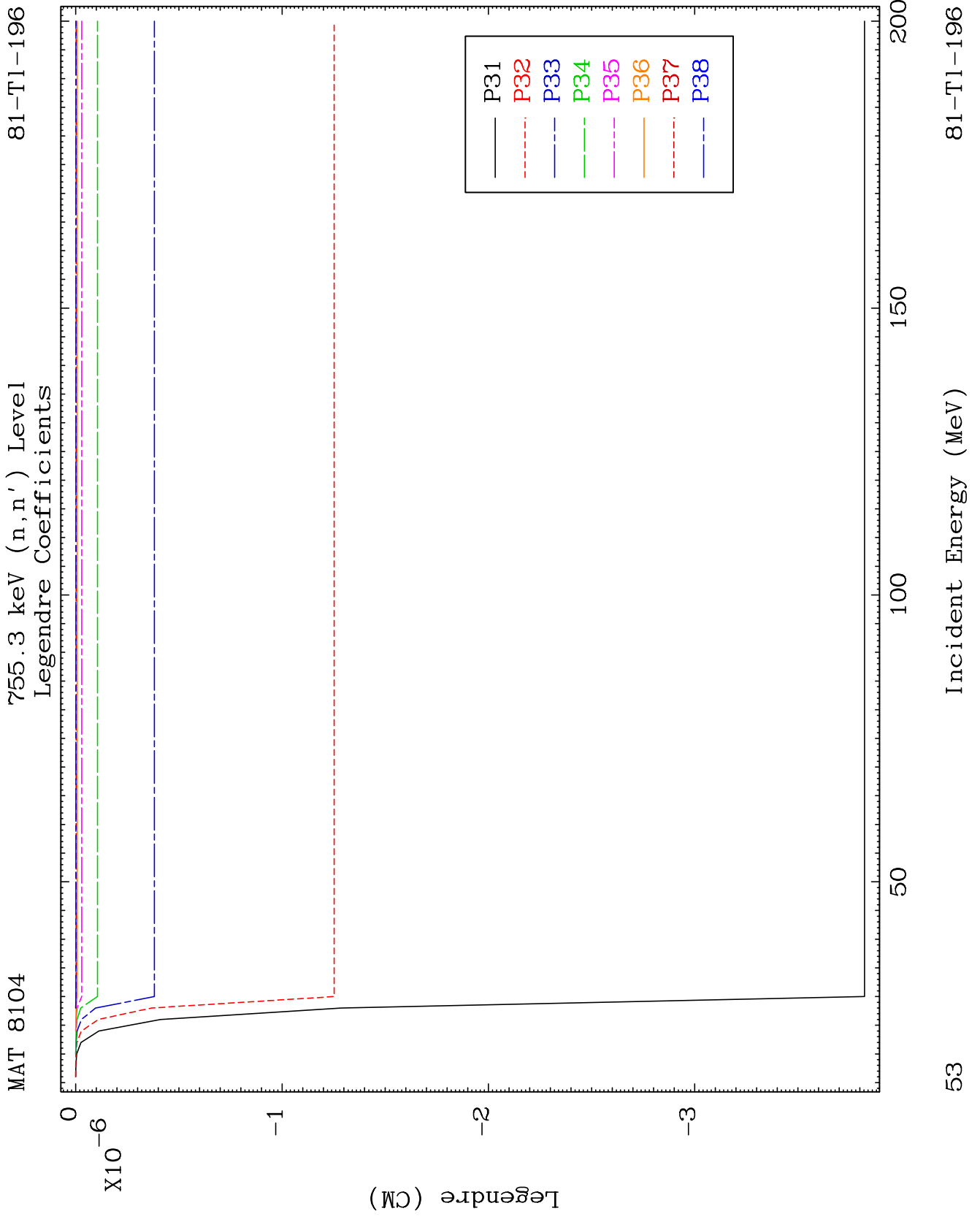
81-T1-196



52

Incident Energy (MeV)

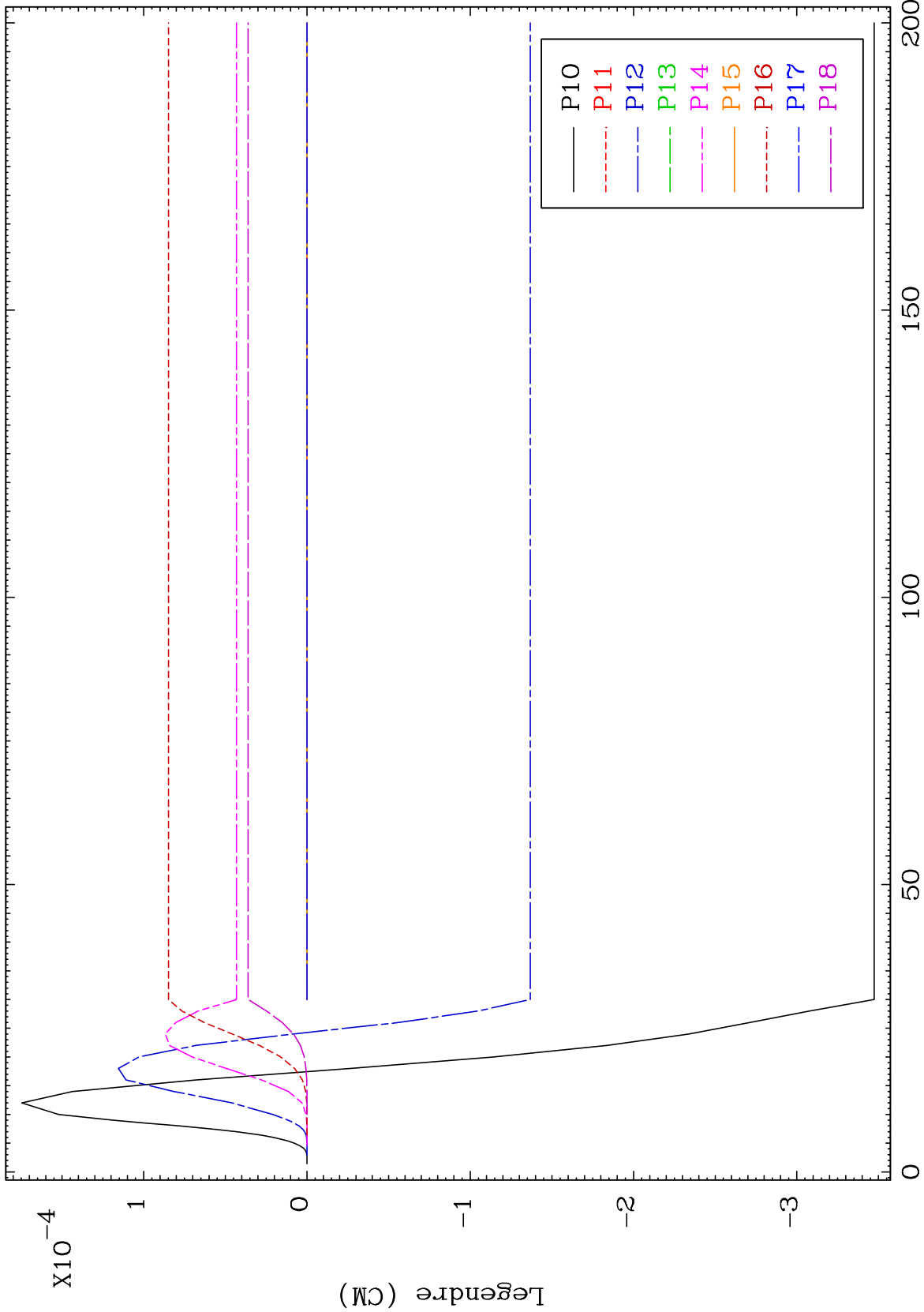
81-T1-196



MAT 8104

799.5 keV (n,n') Level
Legendre Coefficients

81-Tl-196



55

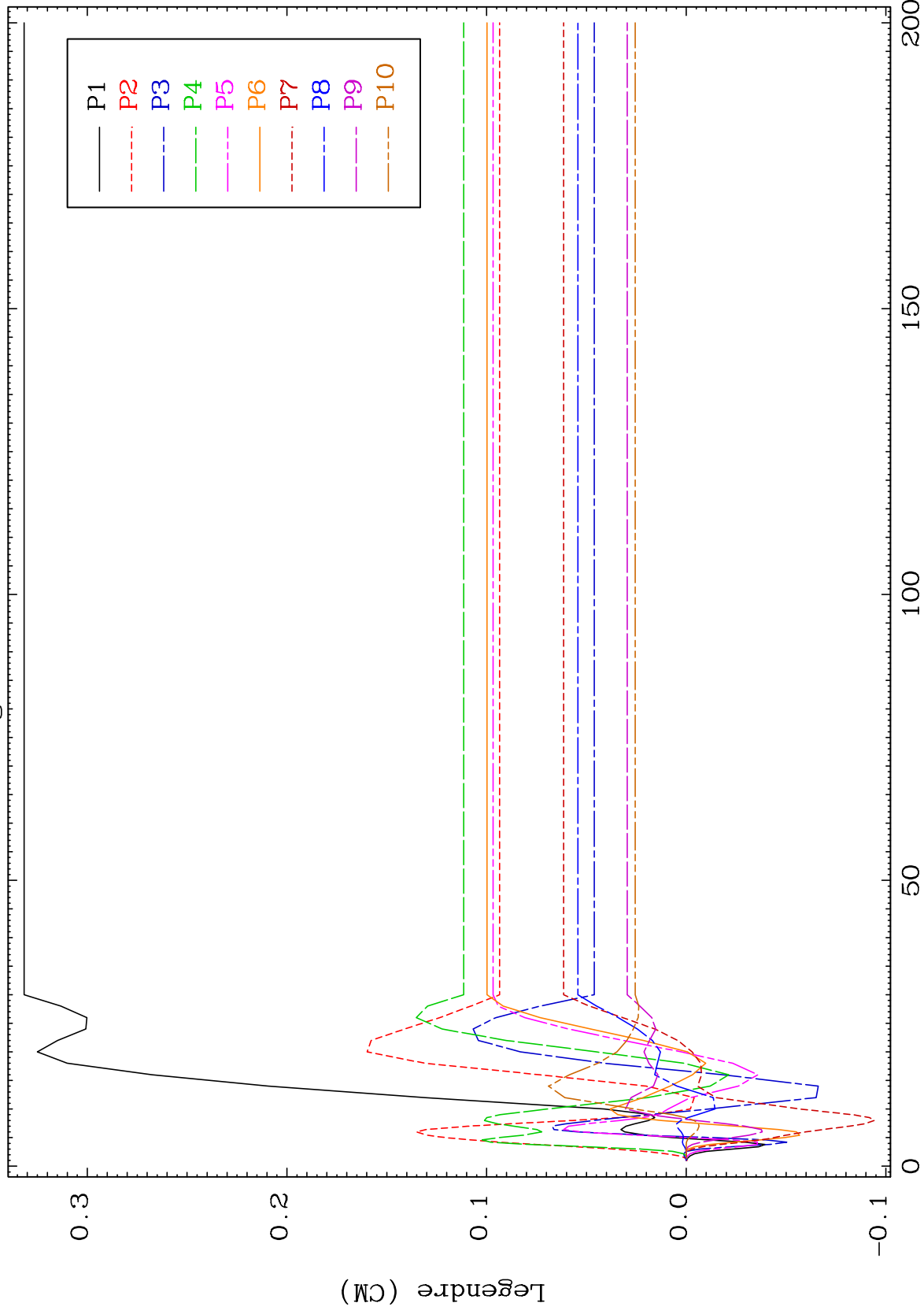
Incident Energy (MeV)

81-Tl-196

MAT 8104

954.2 keV (n,n') Level
Legendre Coefficients

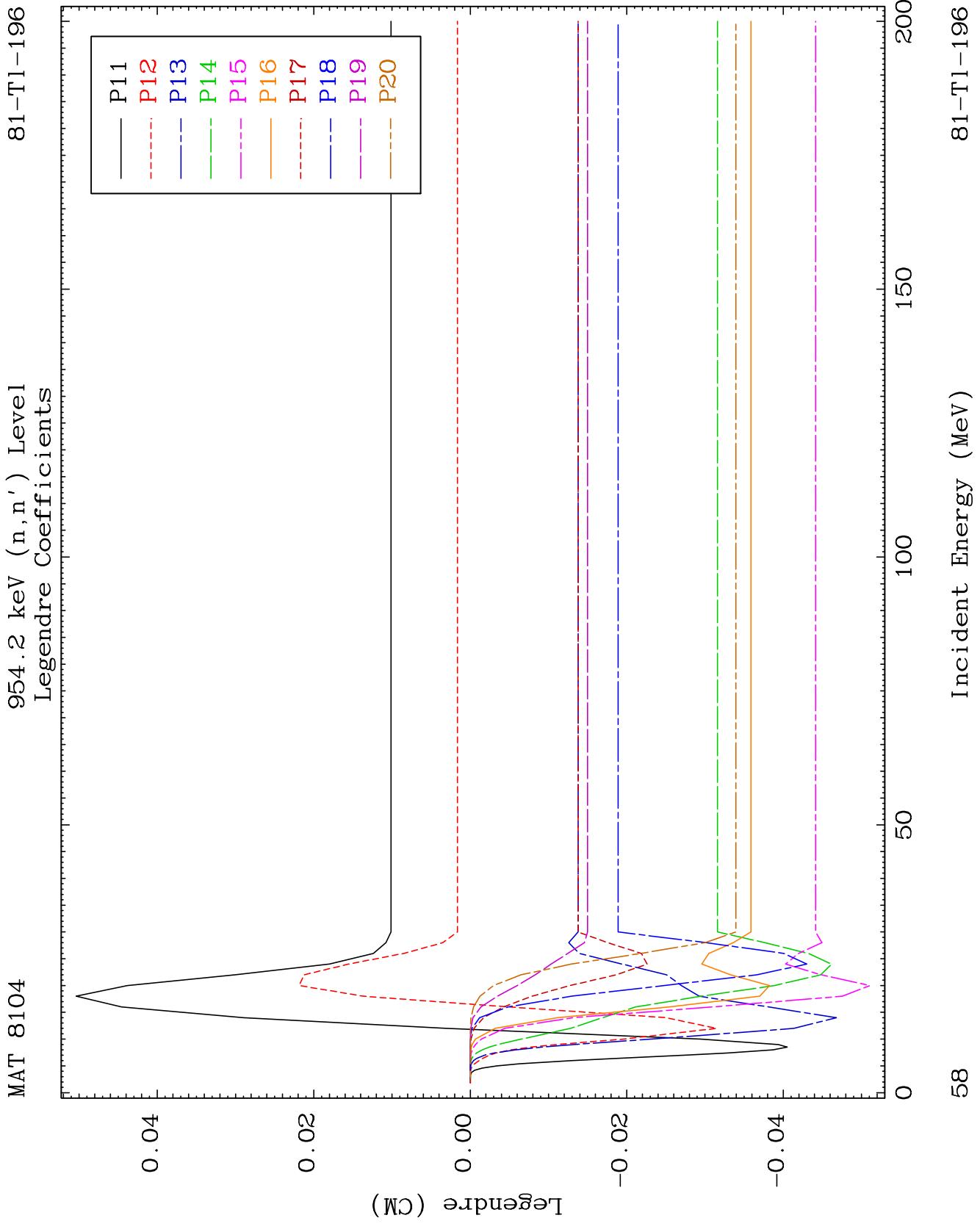
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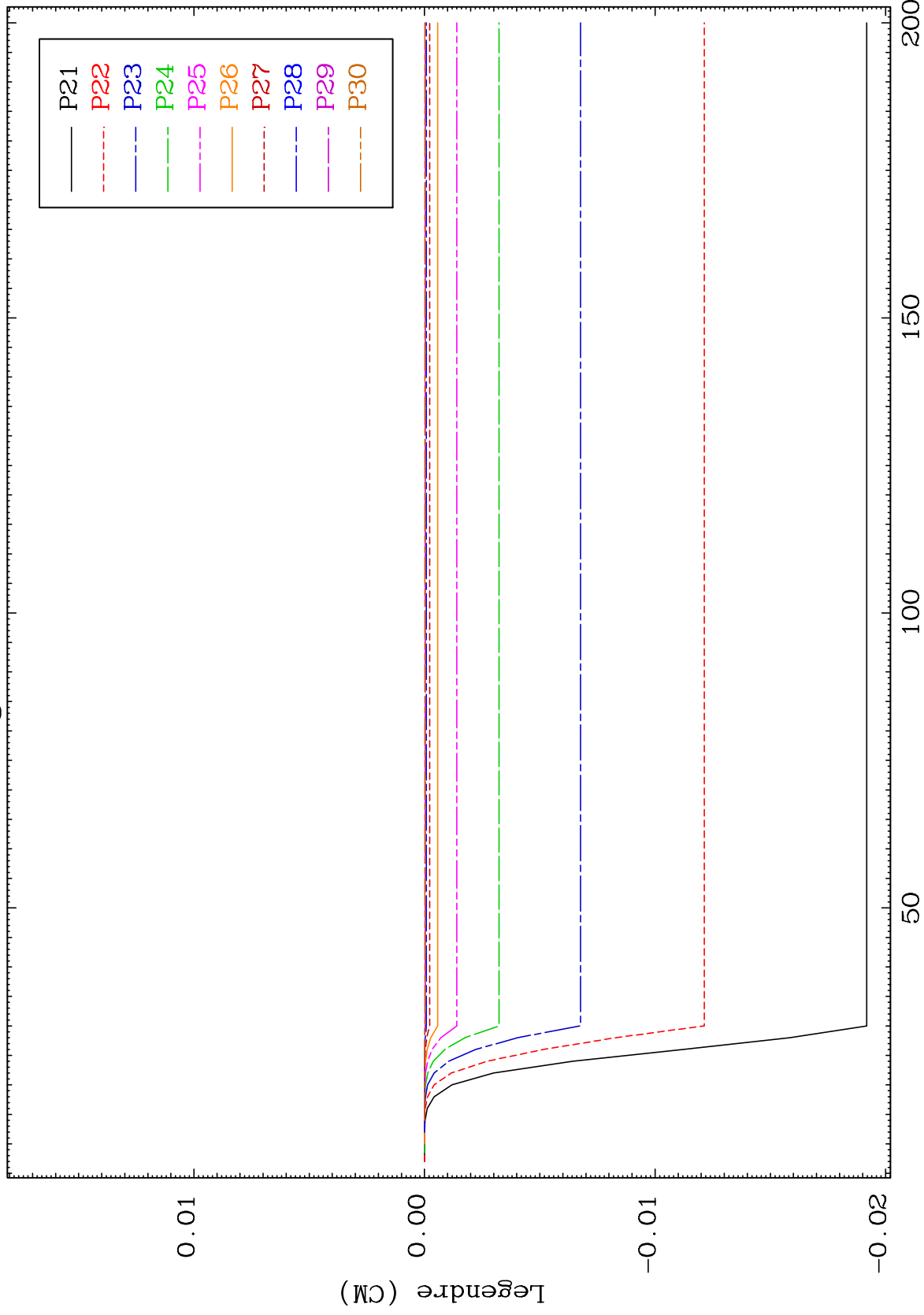


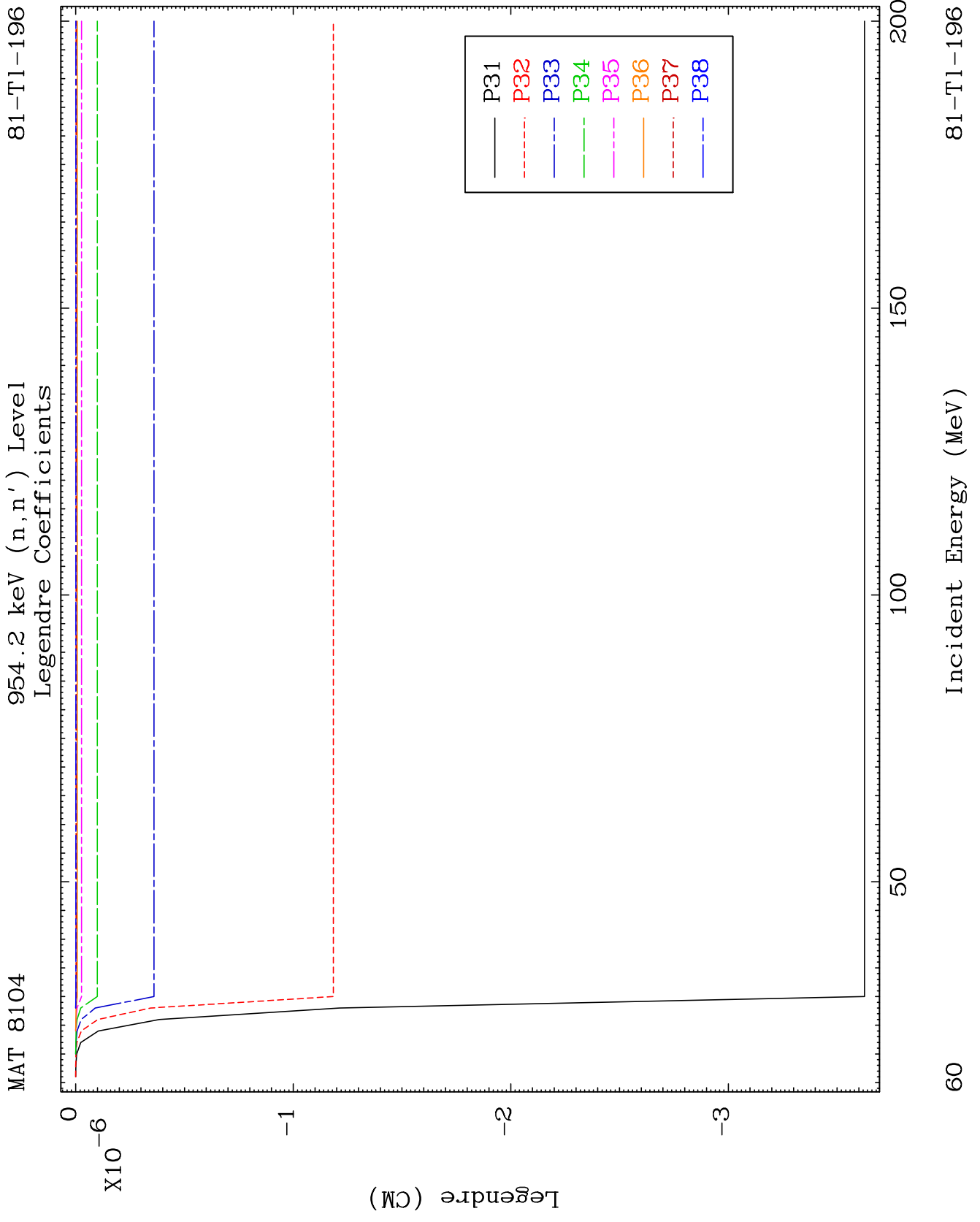
57

Incident Energy (MeV)

81-T1-196



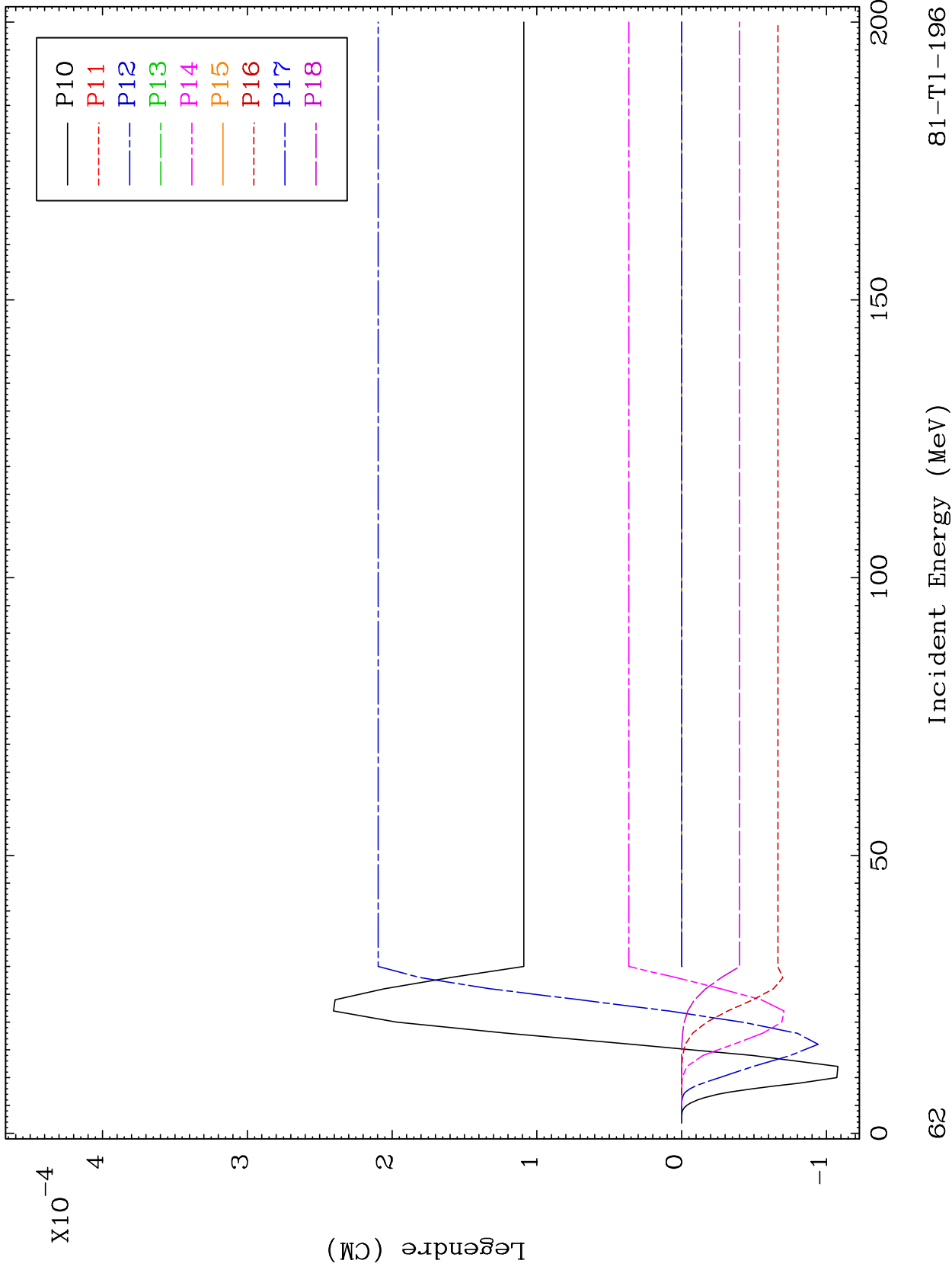




MAT 8104

1.275 MeV (n,n') Level
Legendre Coefficients

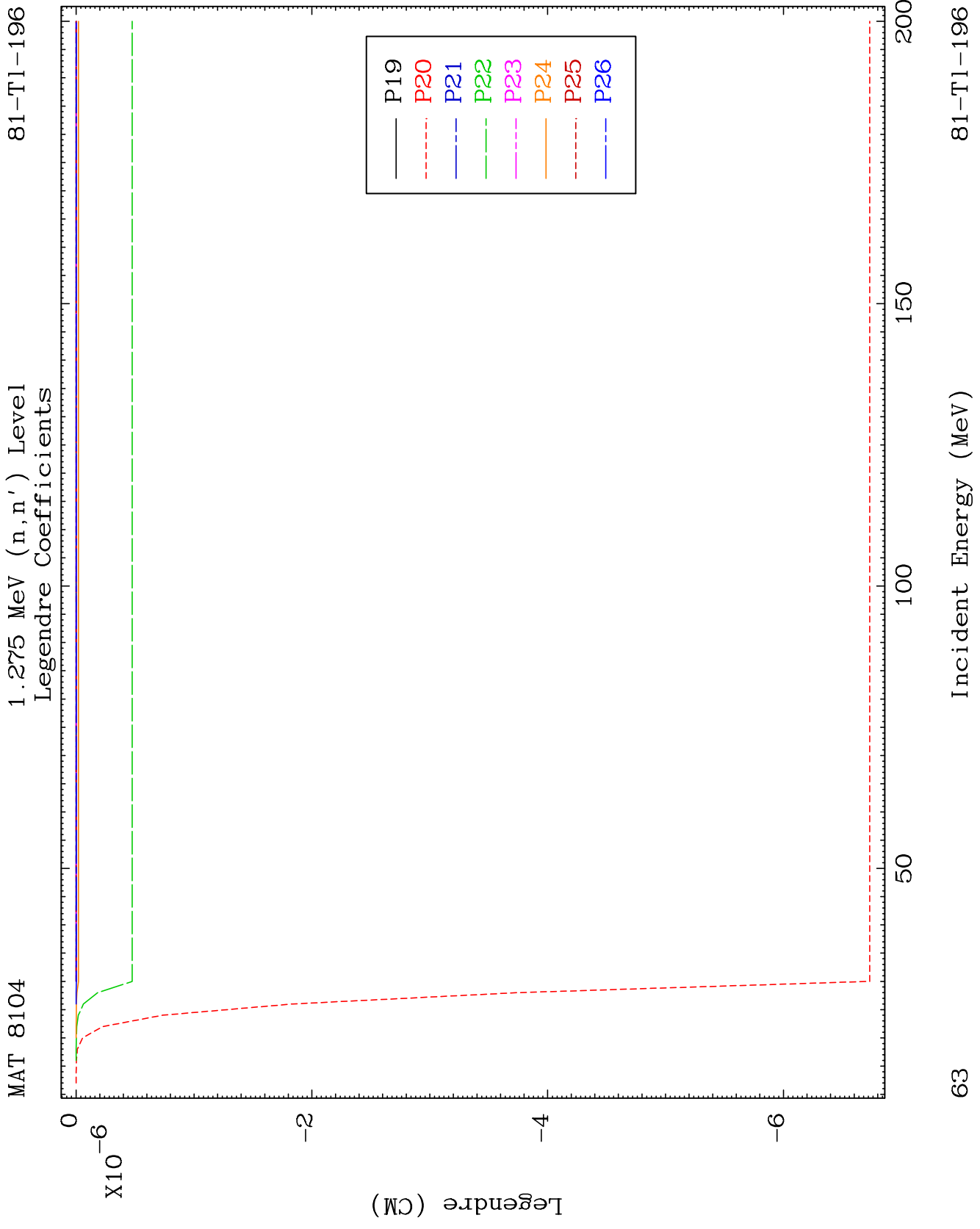
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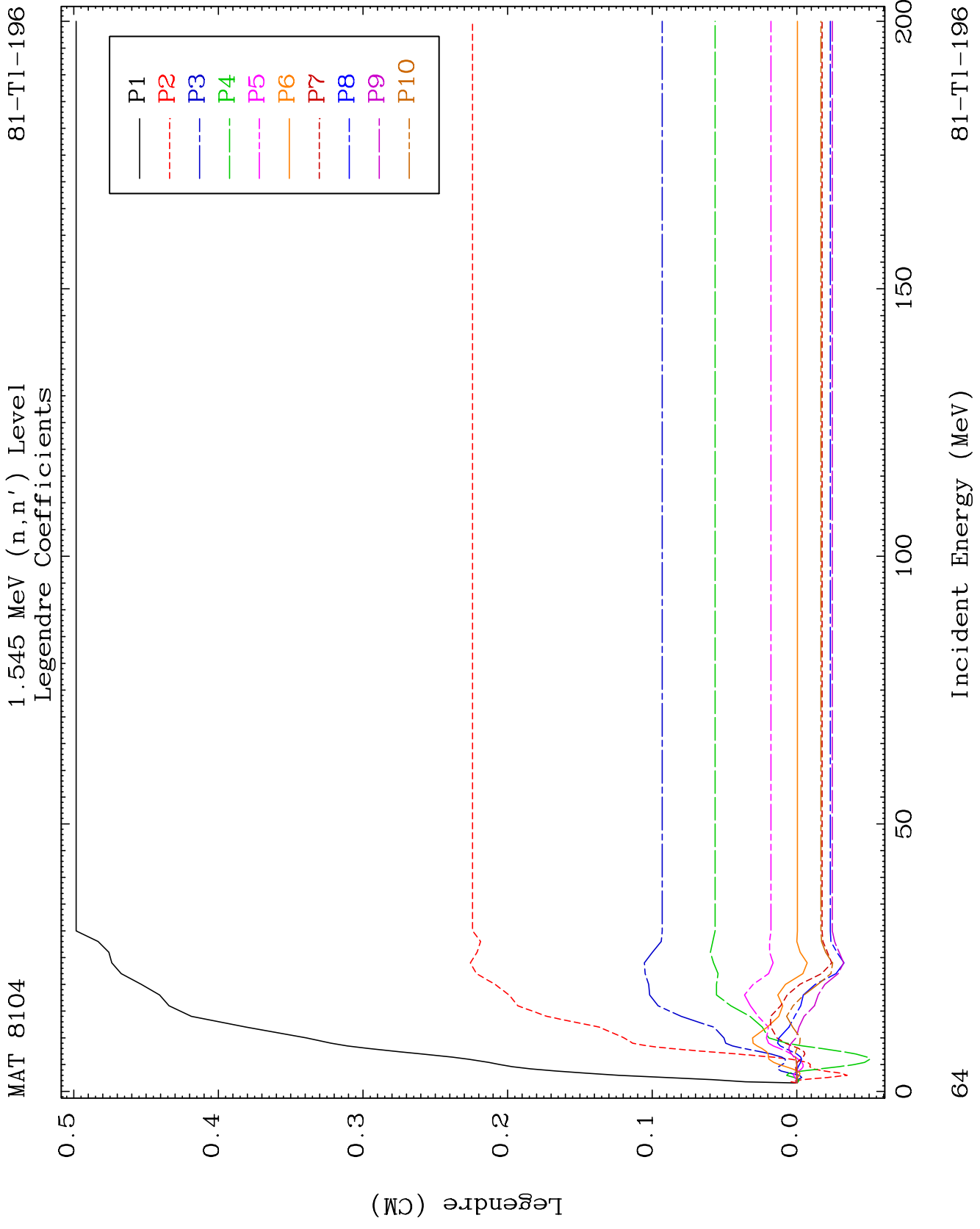


81-T1-196

Incident Energy (MeV)

62

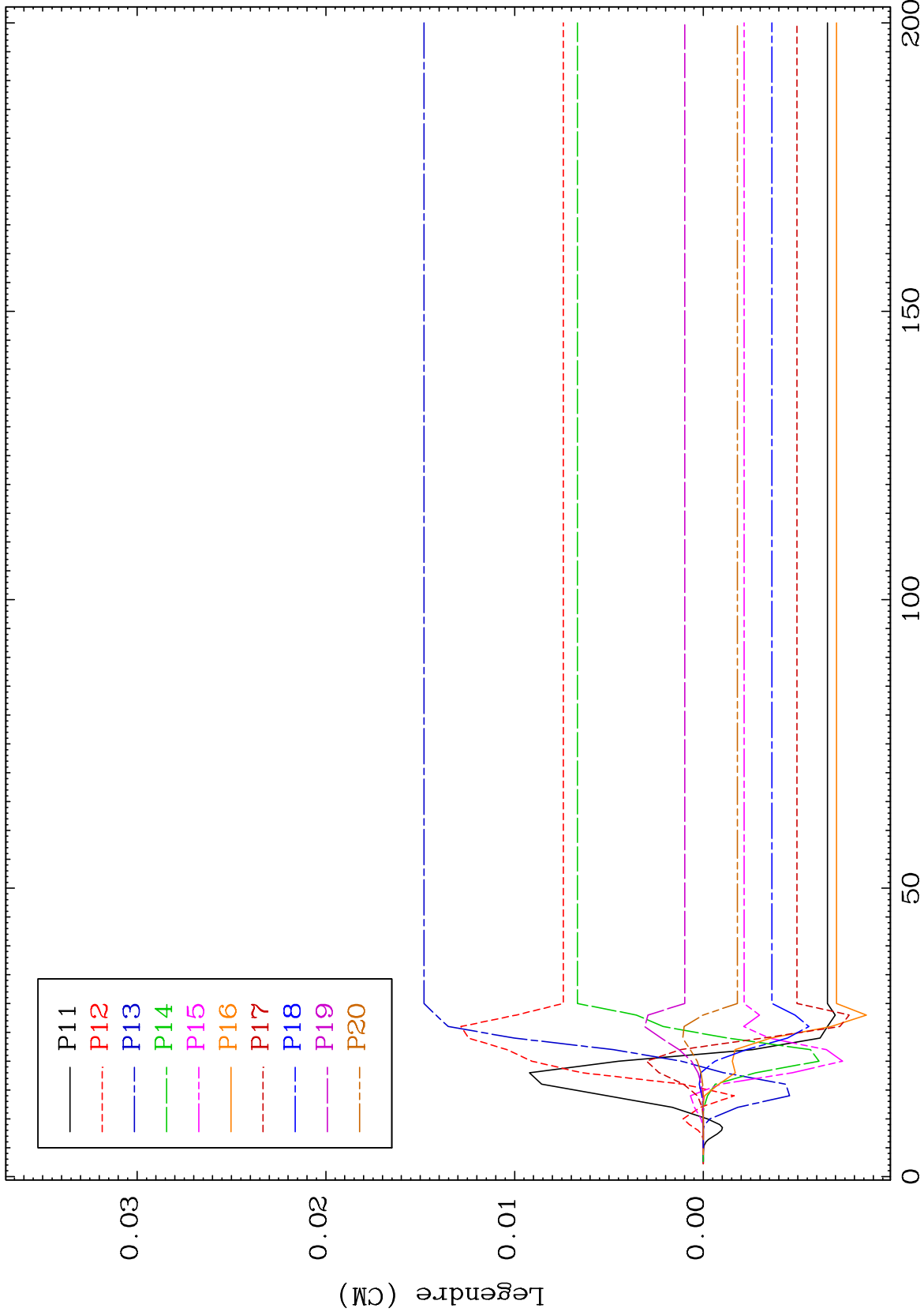




MAT 8104

1.545 MeV (n,n') Level Legendre Coefficients

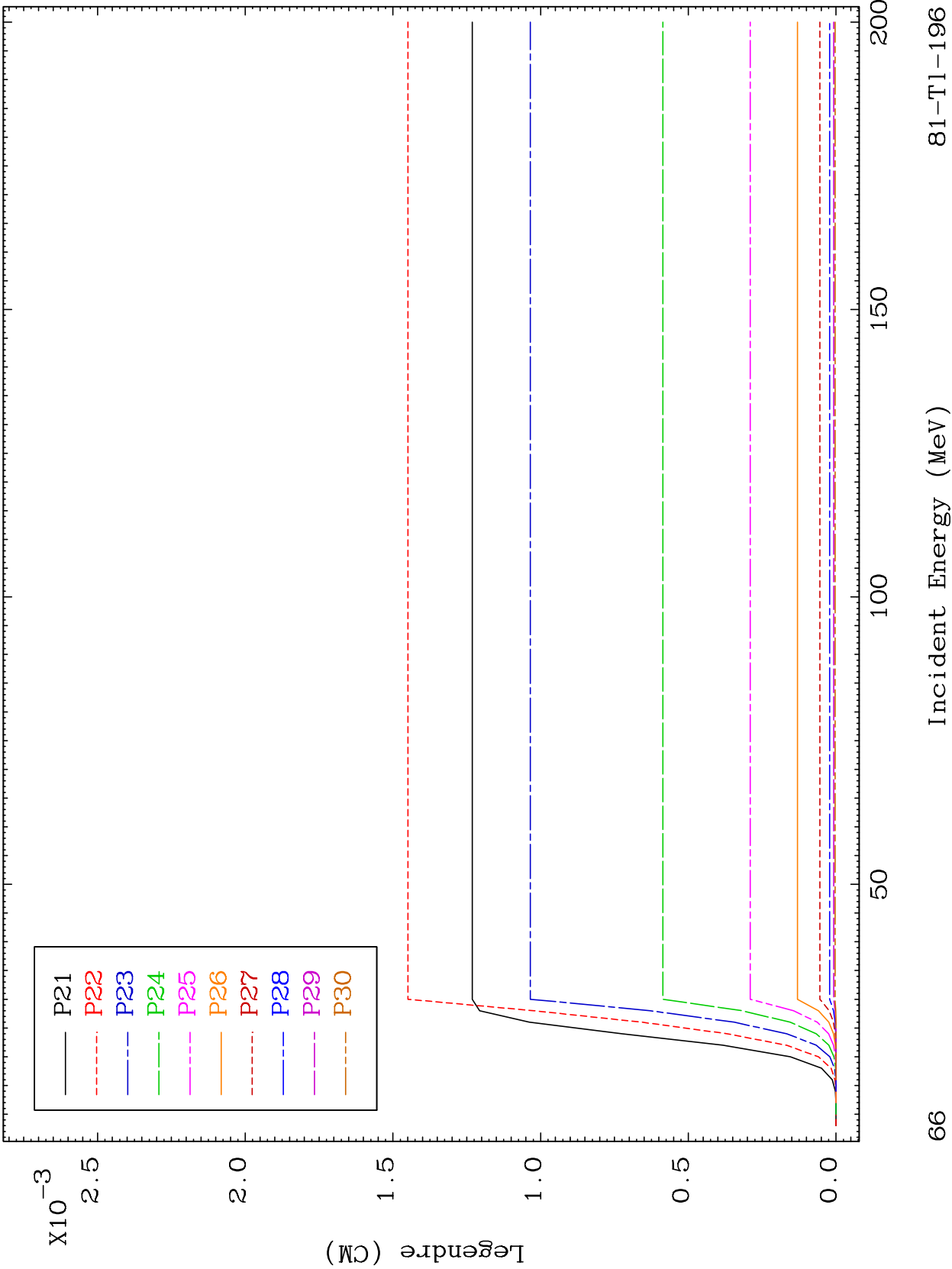
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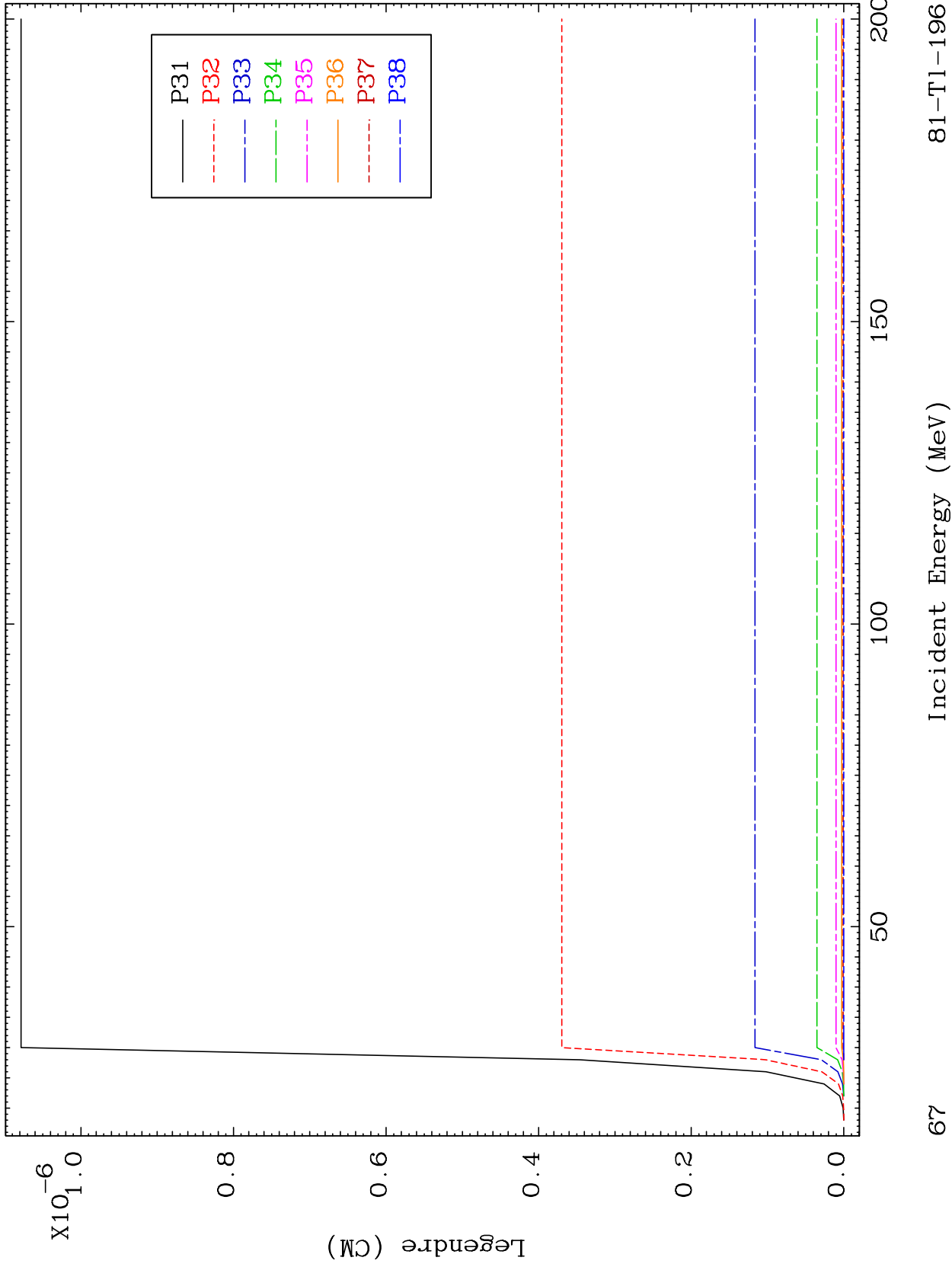


65

Incident Energy (MeV)

81-T1-196

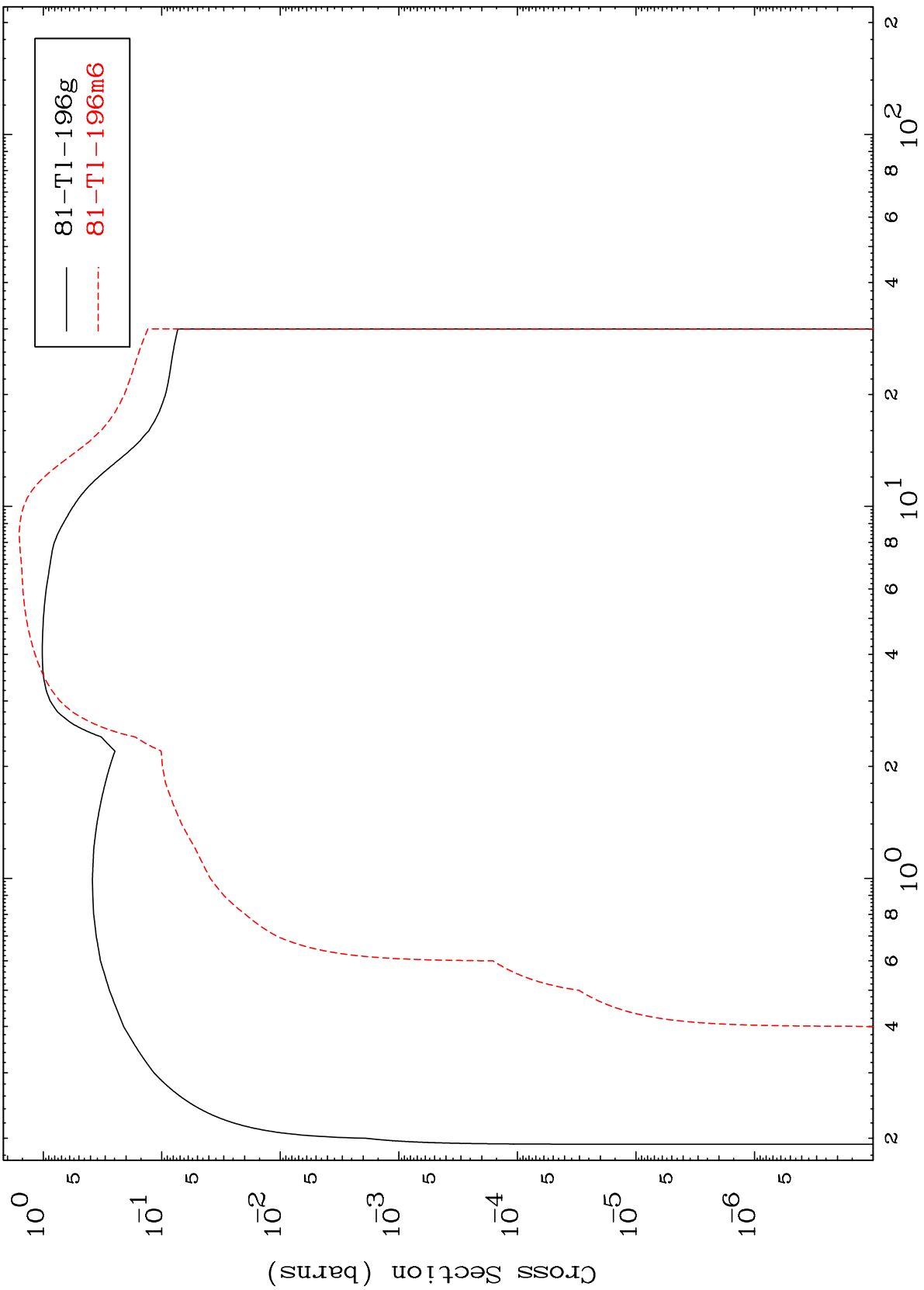




MAT 8104

81-Tl-196

Inelastic
Radionuclide Production Cross Section

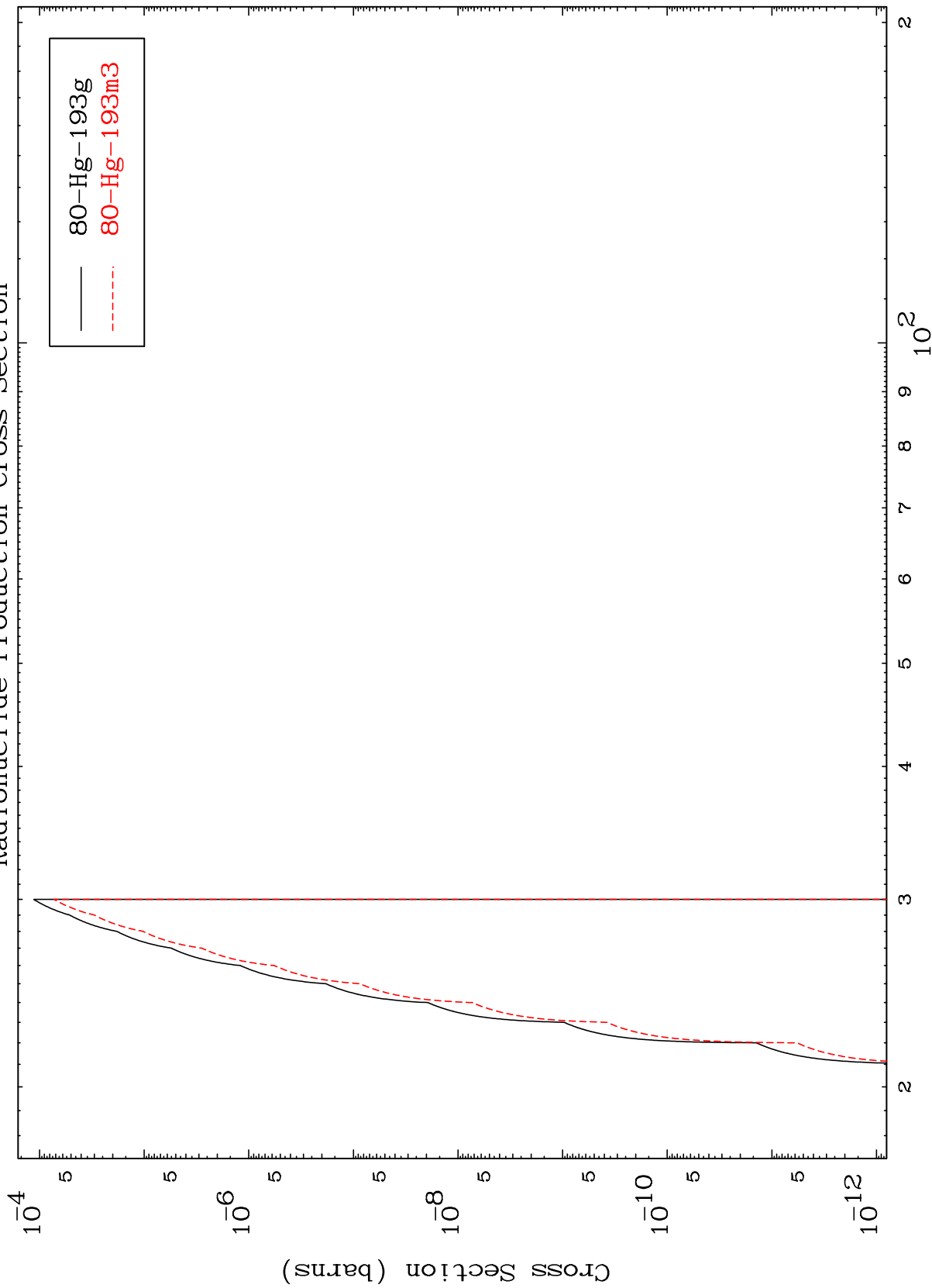


68

81-Tl-196

Incident Energy (MeV)

Radionuclide Production Cross Section

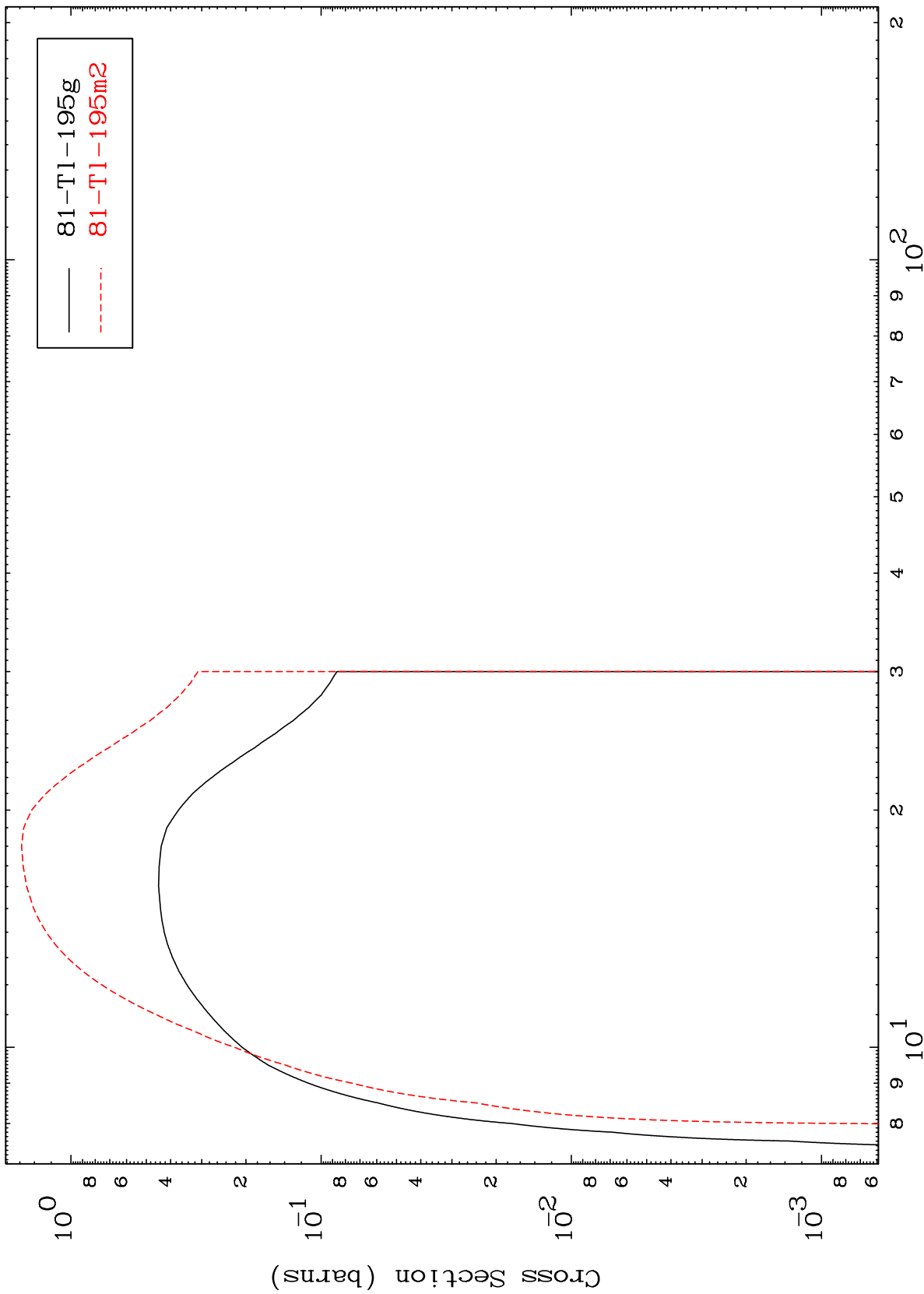


80-Hg-193g
80-Hg-193m3

MAT 8104

81-Tl-196

(n,2n)
Radionuclide Production Cross Section



70

Incident Energy (MeV)

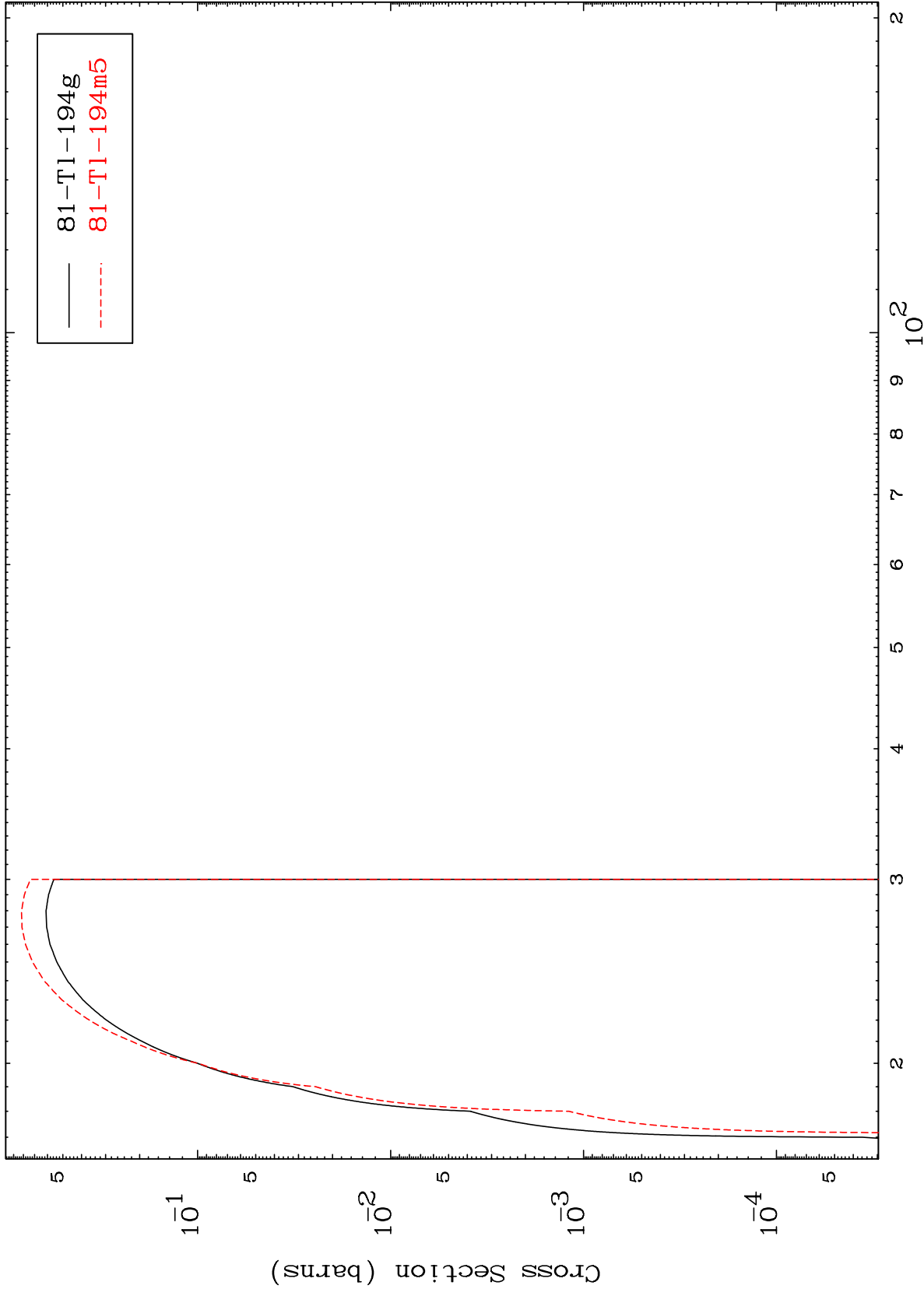
81-Tl-196

MAT 8104

(n,3n)

81-Tl-196

Radionuclide Production Cross Section



81-Tl-194g
81-Tl-194m5

71

Incident Energy (MeV)

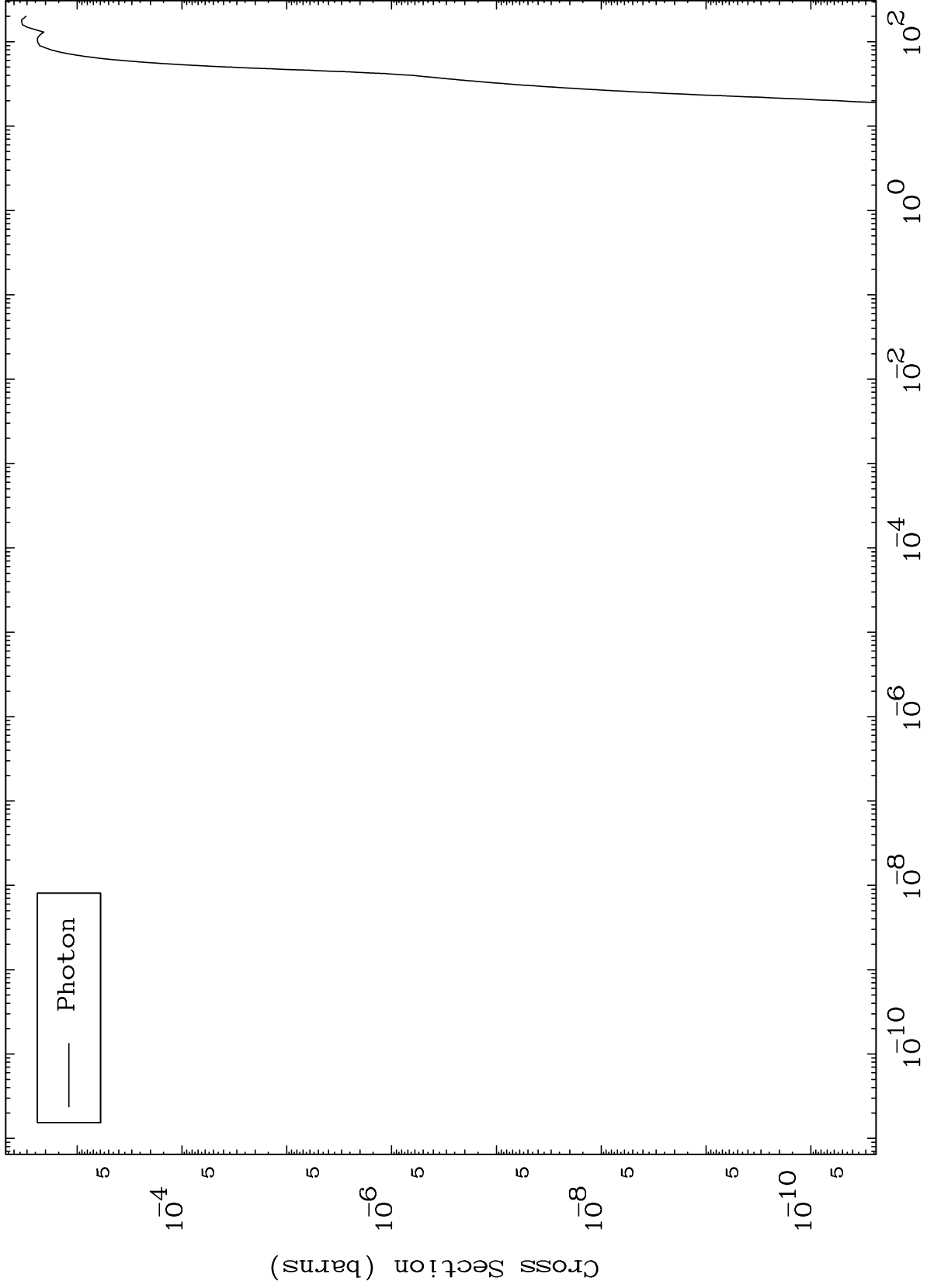
81-Tl-196

MAT 8104

Fission

81-Tl-196

Radionuclide Production Cross Section



72

Incident Energy (MeV)

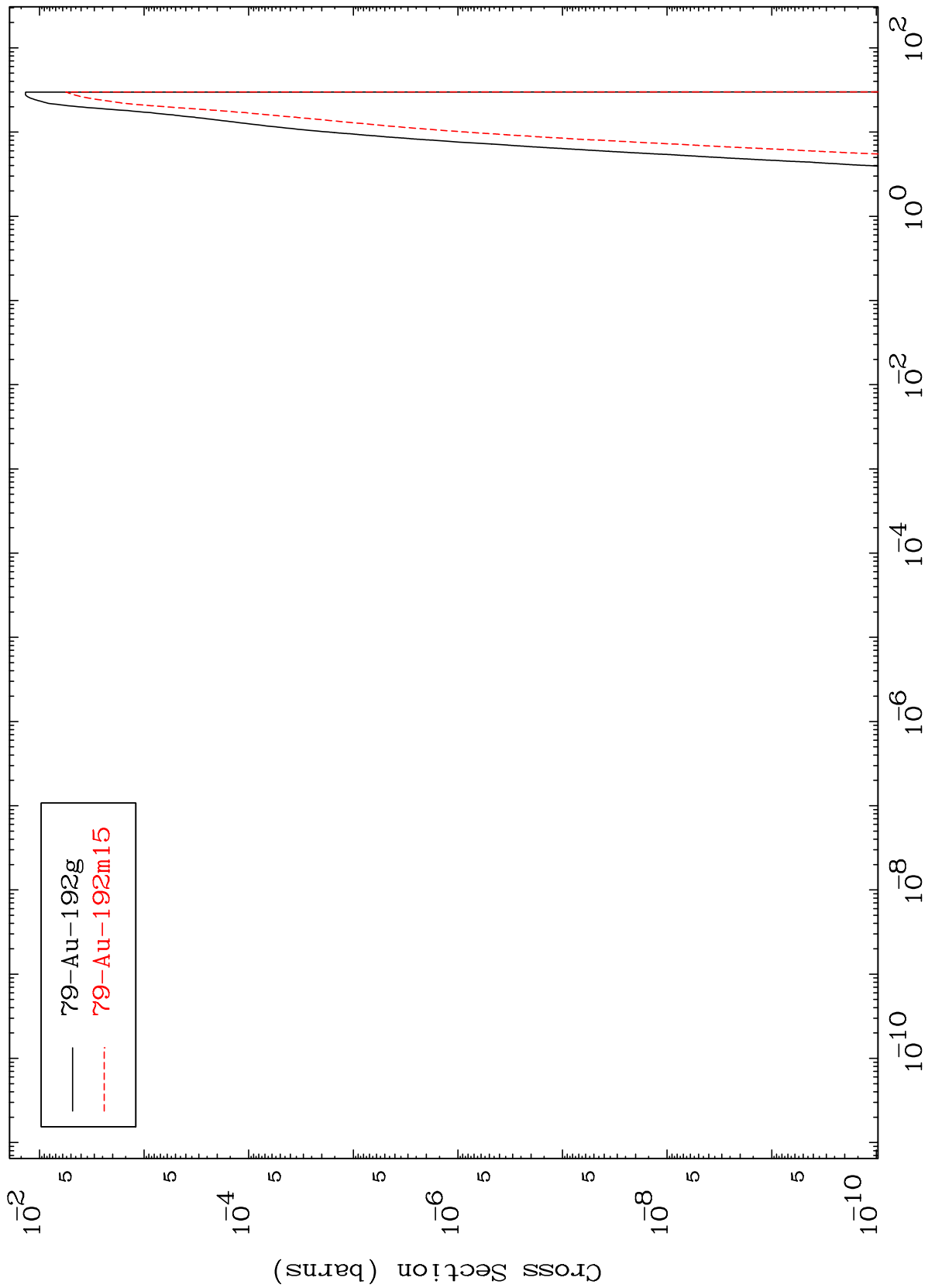
81-Tl-196

MAT 8104

$(n, n') \alpha$

81-Tl-196

Radionuclide Production Cross Section



73

Incident Energy (MeV)

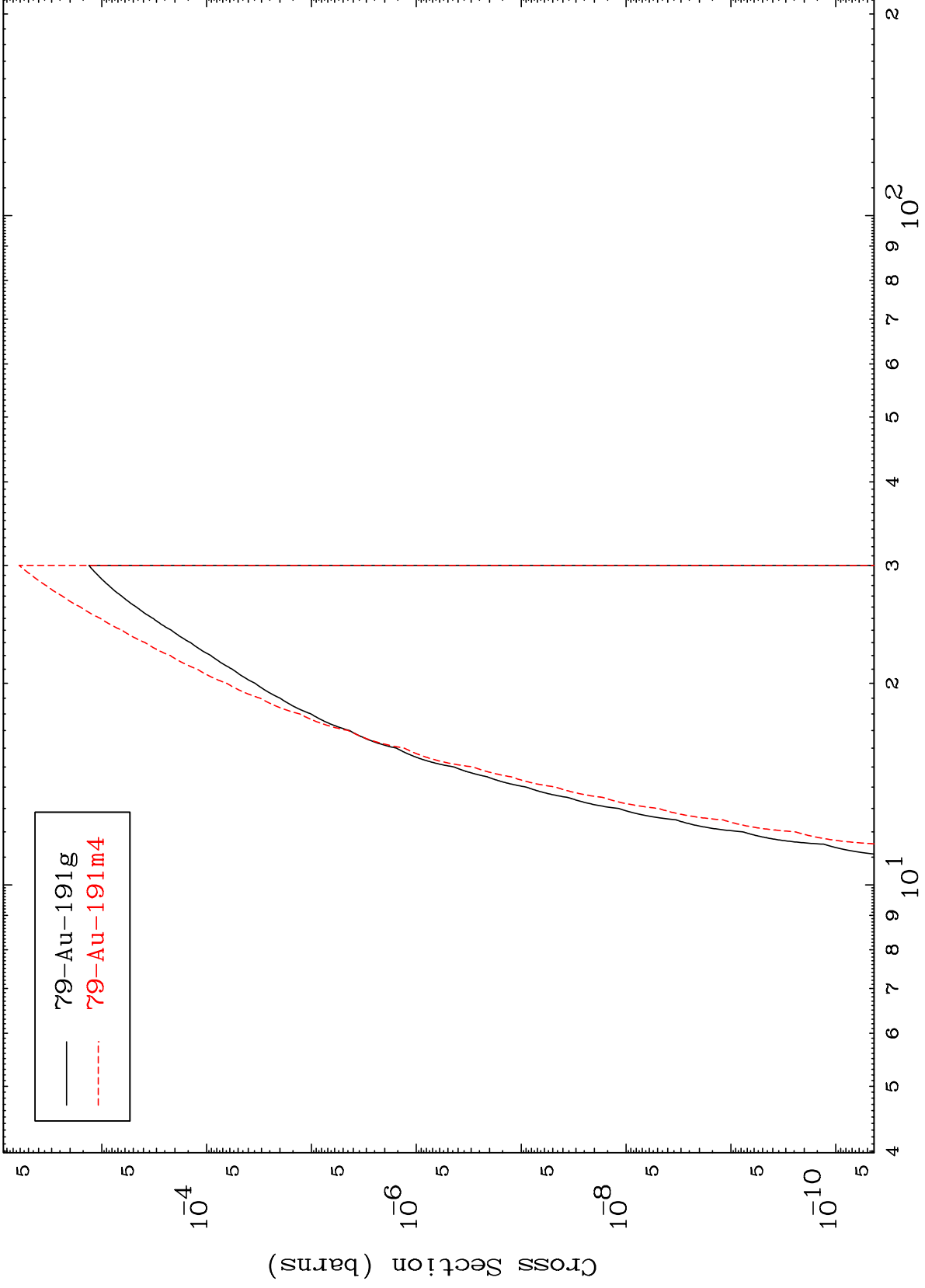
81-Tl-196

MAT 8104

(n,2n) α

81-Tl-196

Radionuclide Production Cross Section



— $^{191}\text{Au-g}$
- - - $^{191}\text{Au-m4}$

74

Incident Energy (MeV)

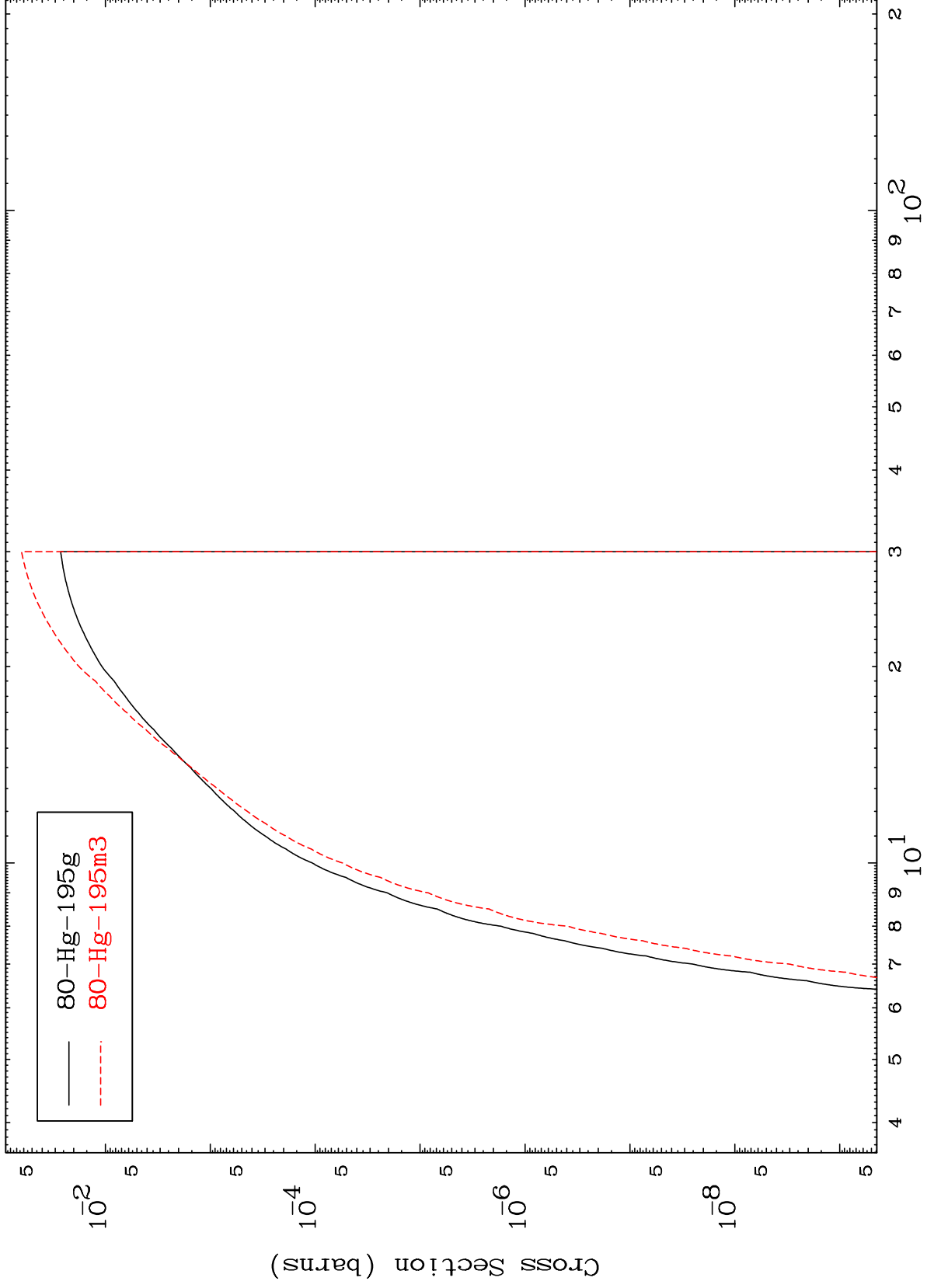
81-Tl-196

MAT 8104

(n,n') p

81-T1-196

Radionuclide Production Cross Section

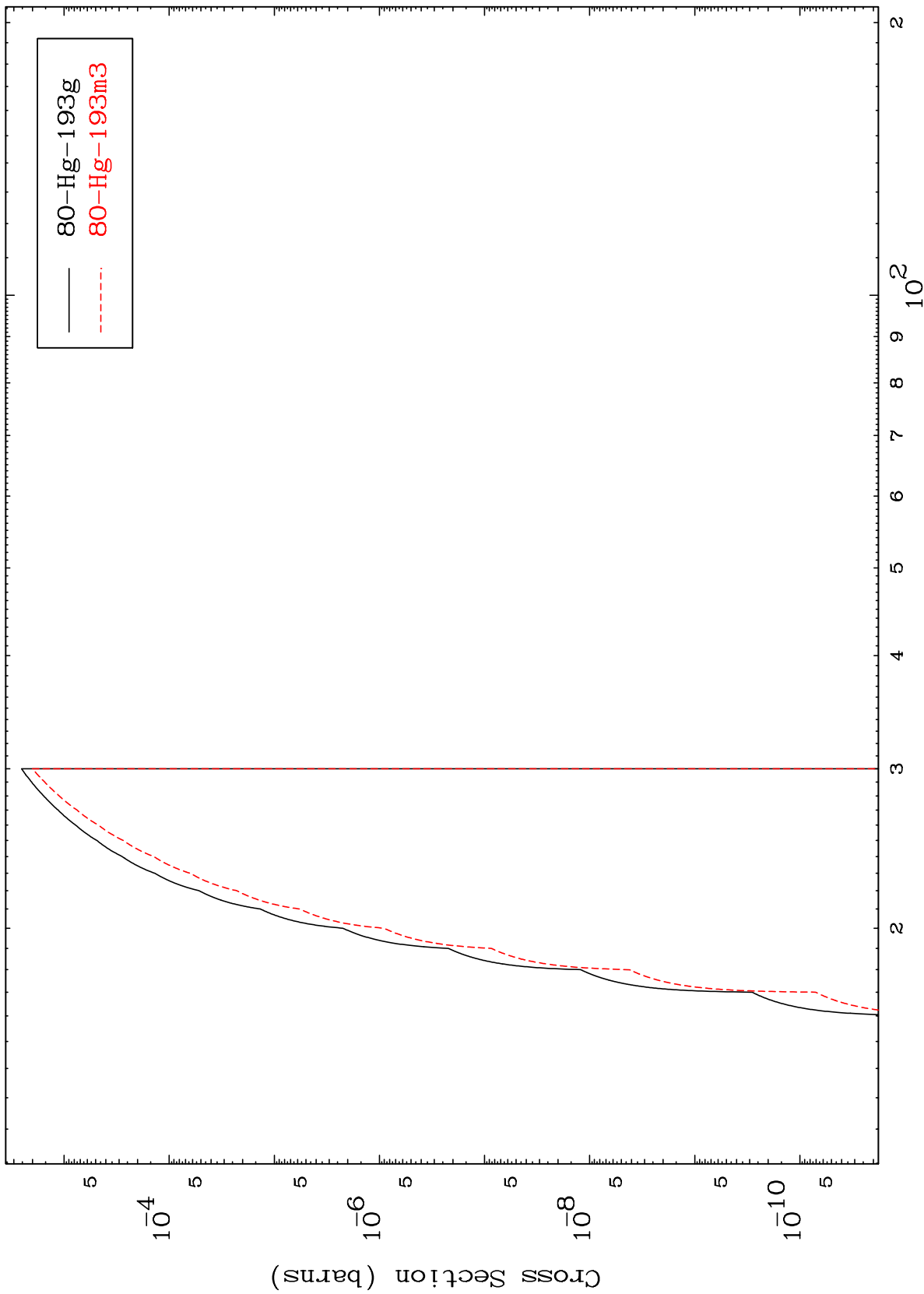


75

Incident Energy (MeV)

81-T1-196

Radionuclide Production Cross Section

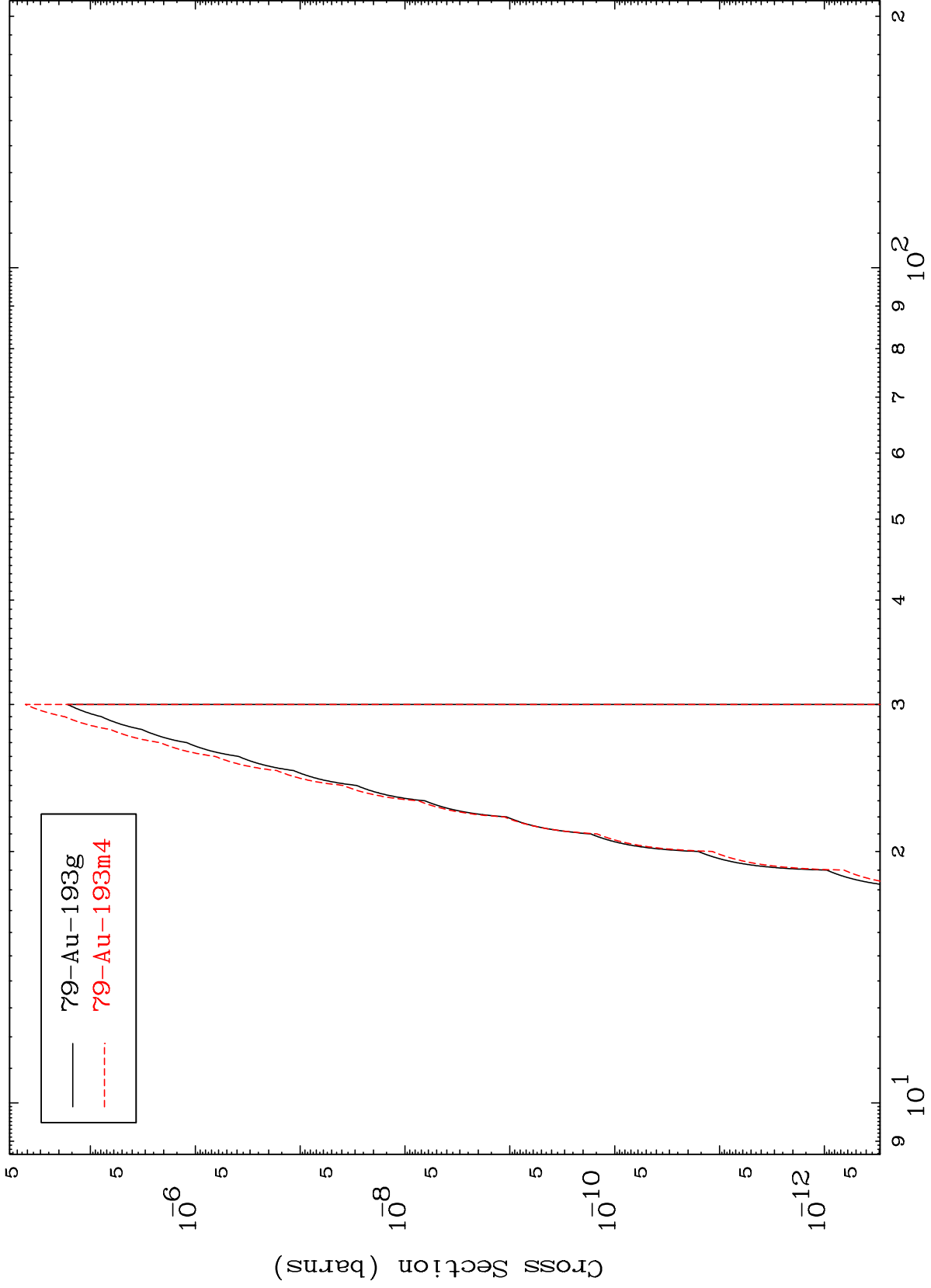


MAT 8104

(n,n') He-3

81-Tl-196

Radionuclide Production Cross Section



77

Incident Energy (MeV)

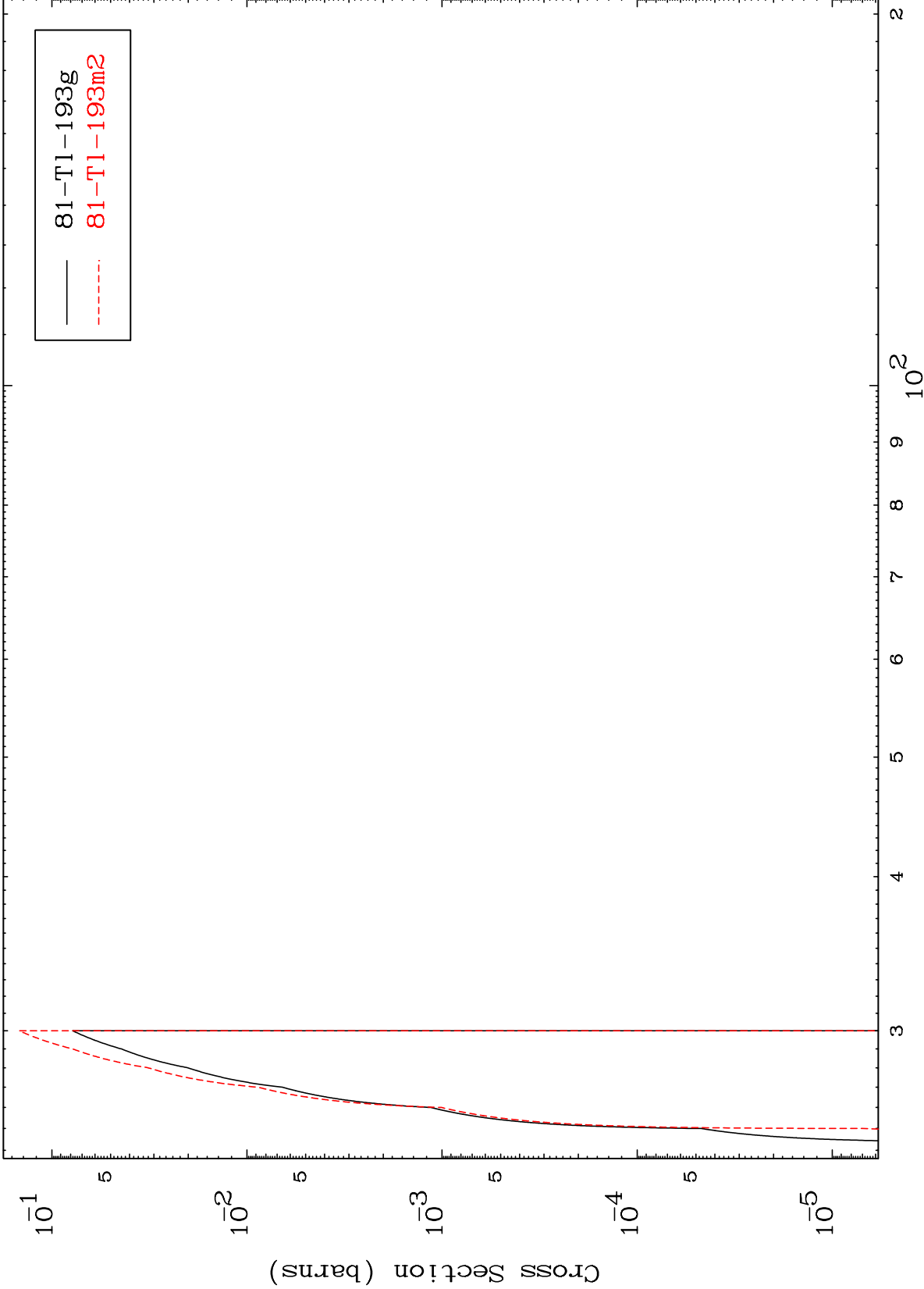
81-Tl-196

MAT 8104

(n,4n)

81-Tl-196

Radionuclide Production Cross Section



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

78

Incident Energy (MeV)

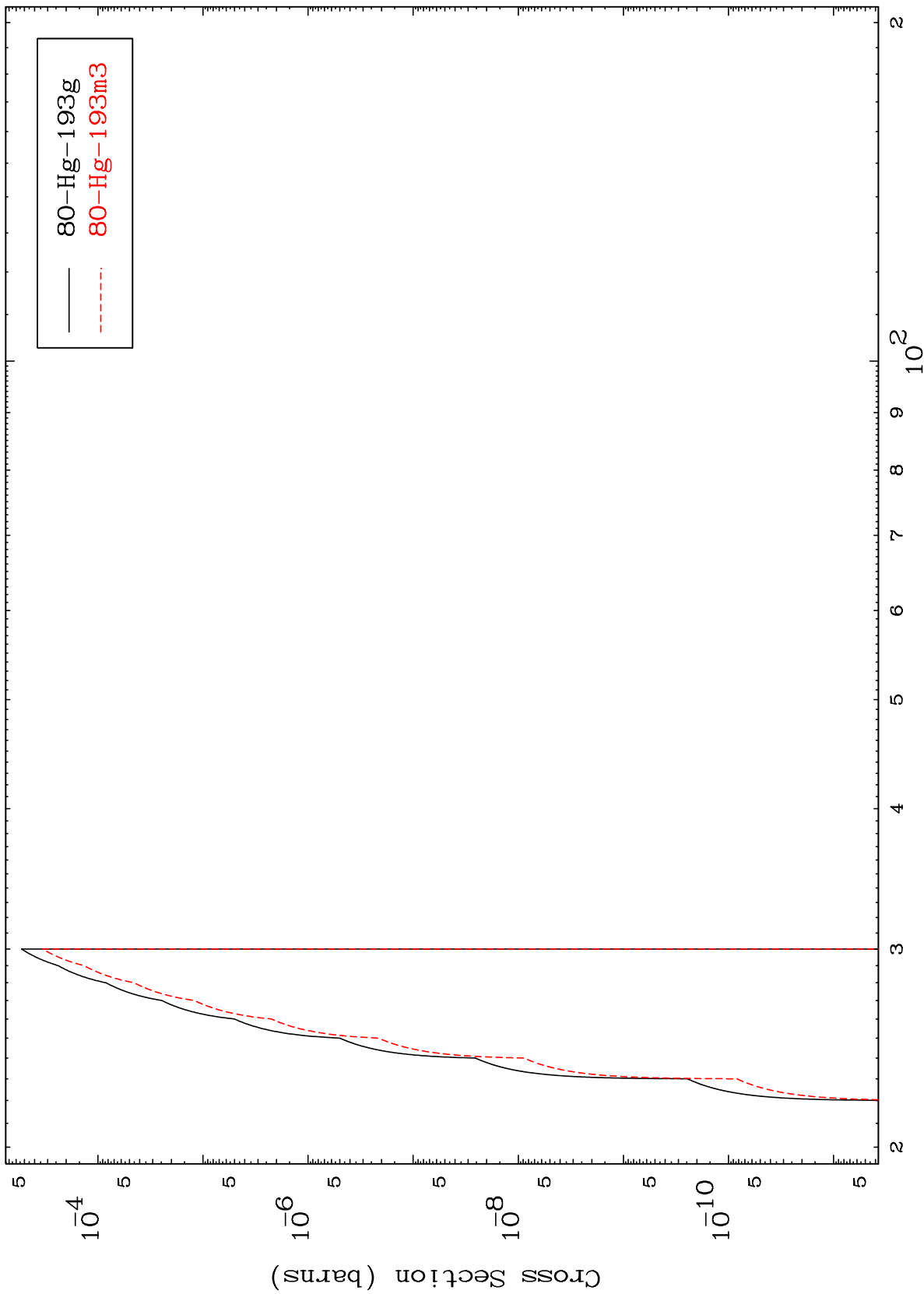
81-Tl-196

MAT 8104

(n,3n) p

81-Tl-196

Radionuclide Production Cross Section



79

Incident Energy (MeV)

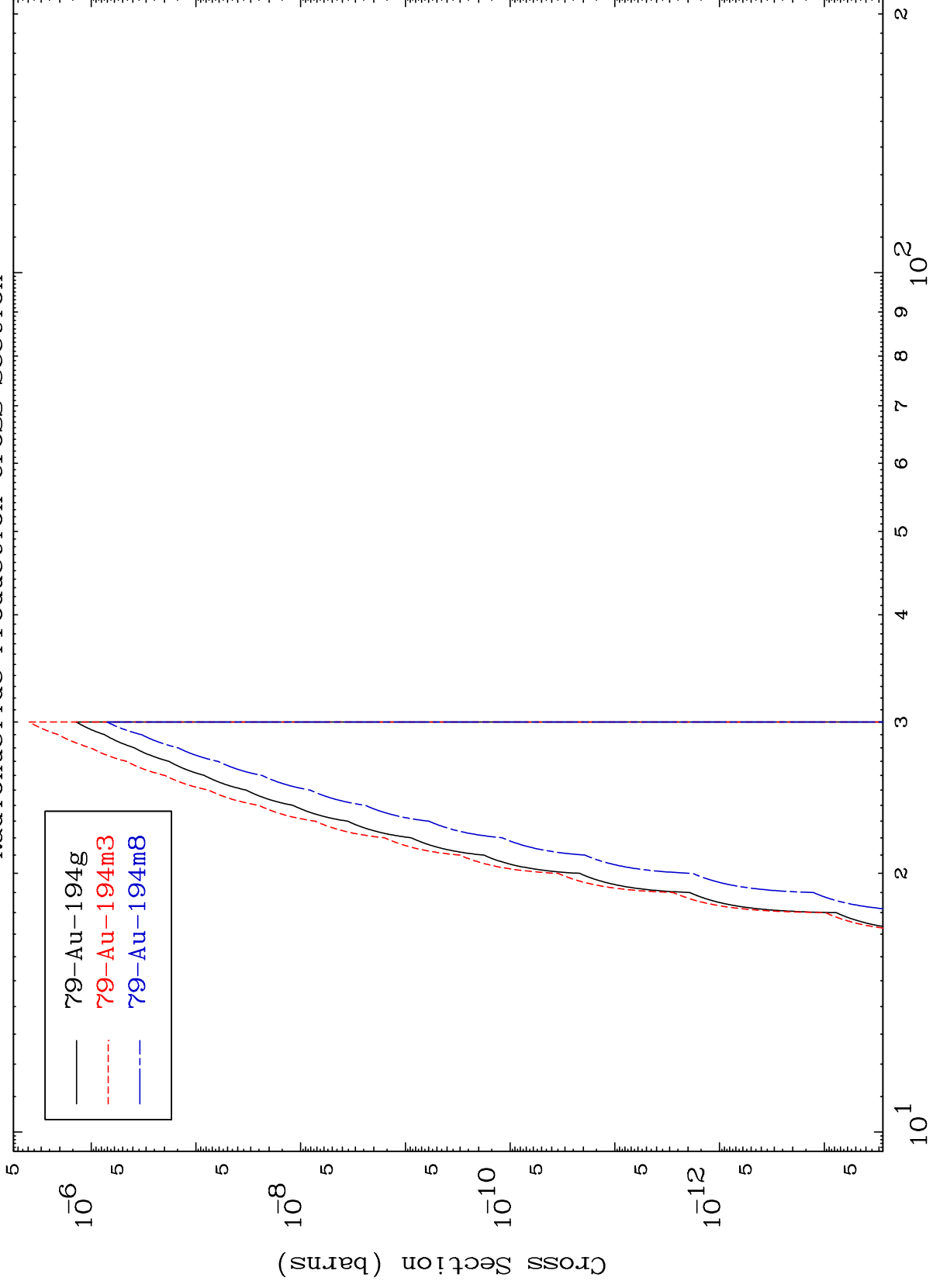
81-Tl-196

MAT 8104

(n,2n) p

81-Tl-196

Radionuclide Production Cross Section



80

Incident Energy (MeV)

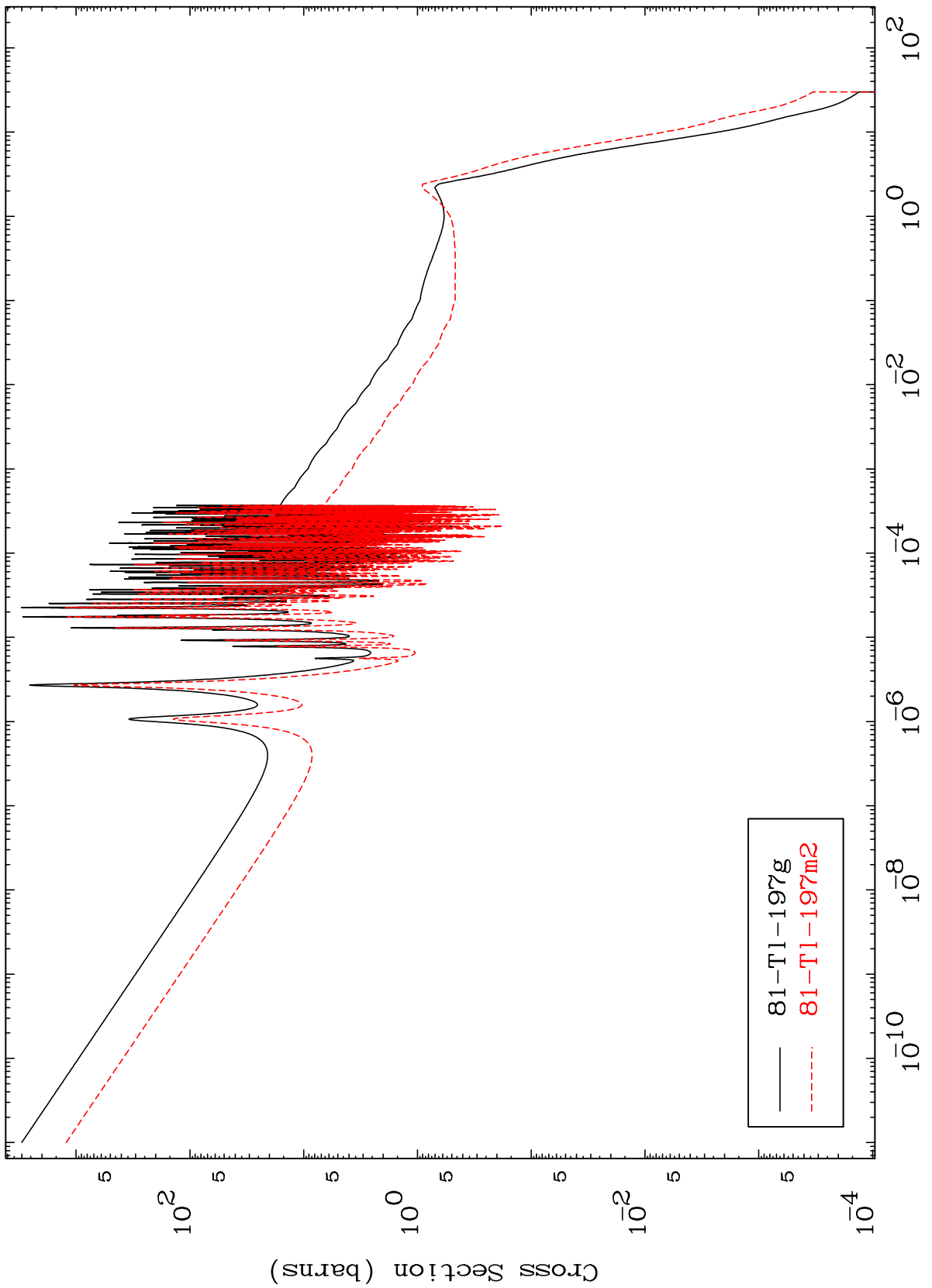
10^2

81-Tl-196

MAT 8104

81-Tl-196

(n,γ)
Radionuclide Production Cross Section



— 81-Tl-197g
- - - 81-Tl-197m2

81

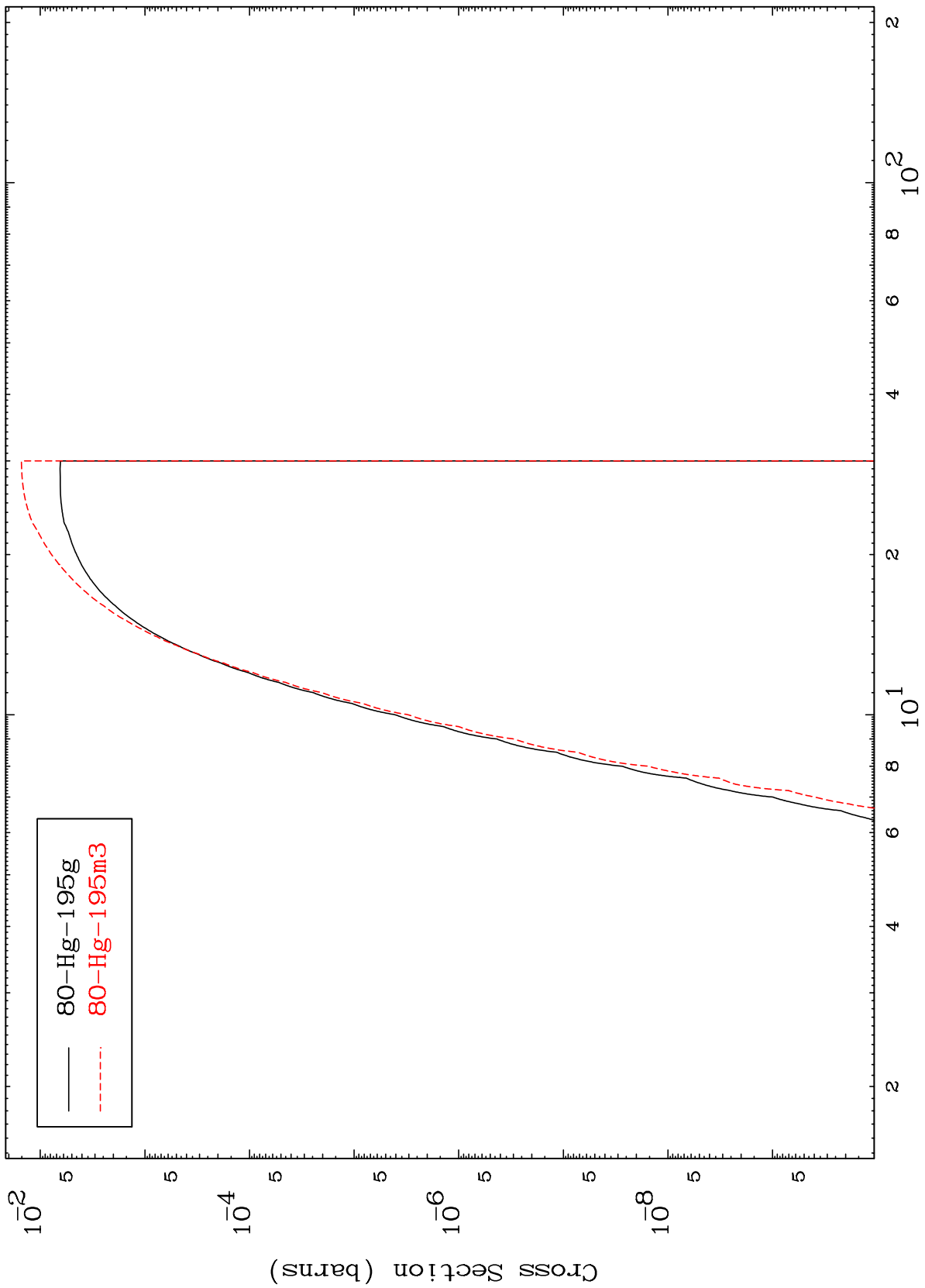
Incident Energy (MeV)

81-Tl-196

MAT 8104

81-Tl-196

(n,d)
Radionuclide Production Cross Section

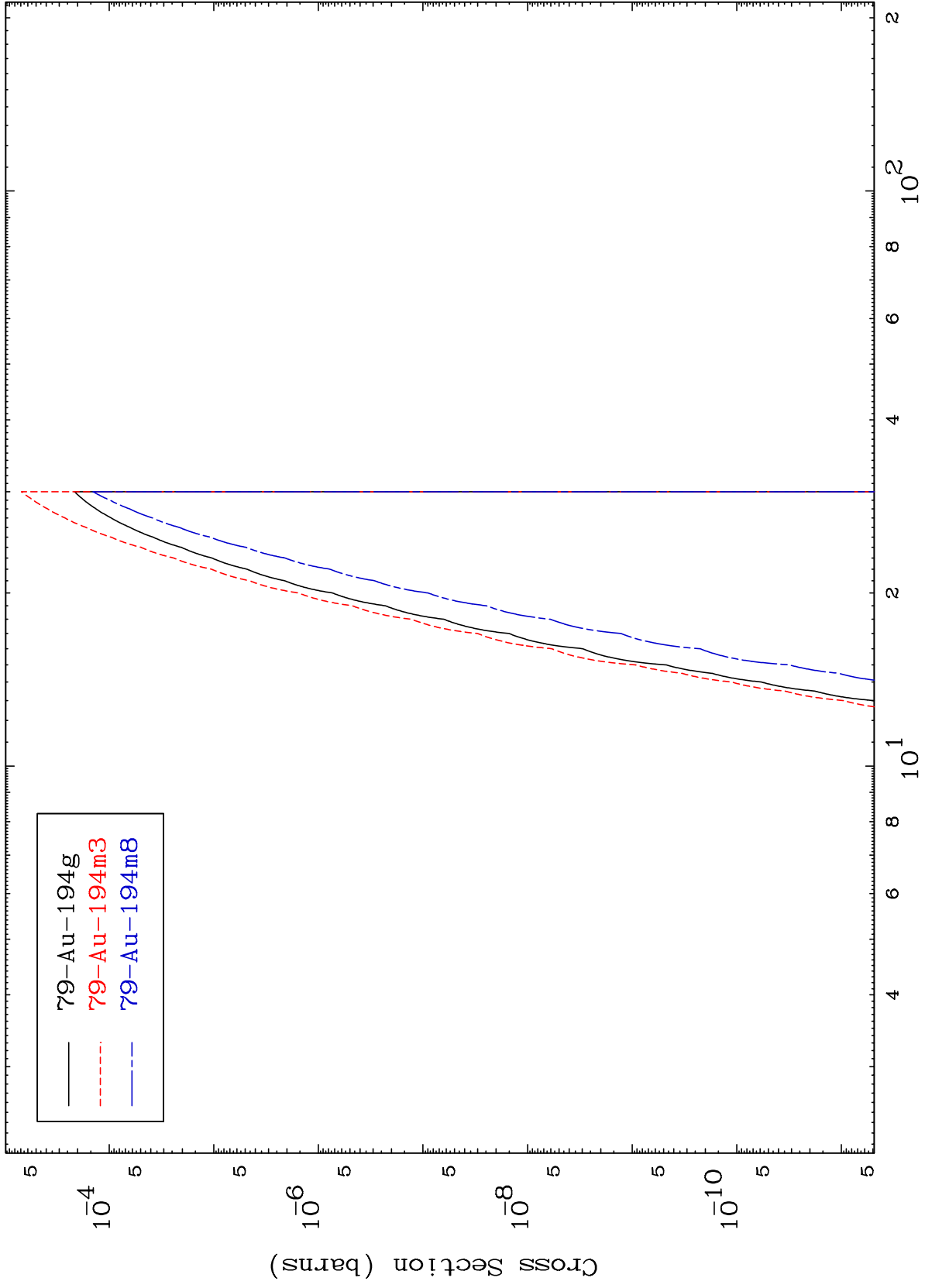


82

81-Tl-196

Incident Energy (MeV)

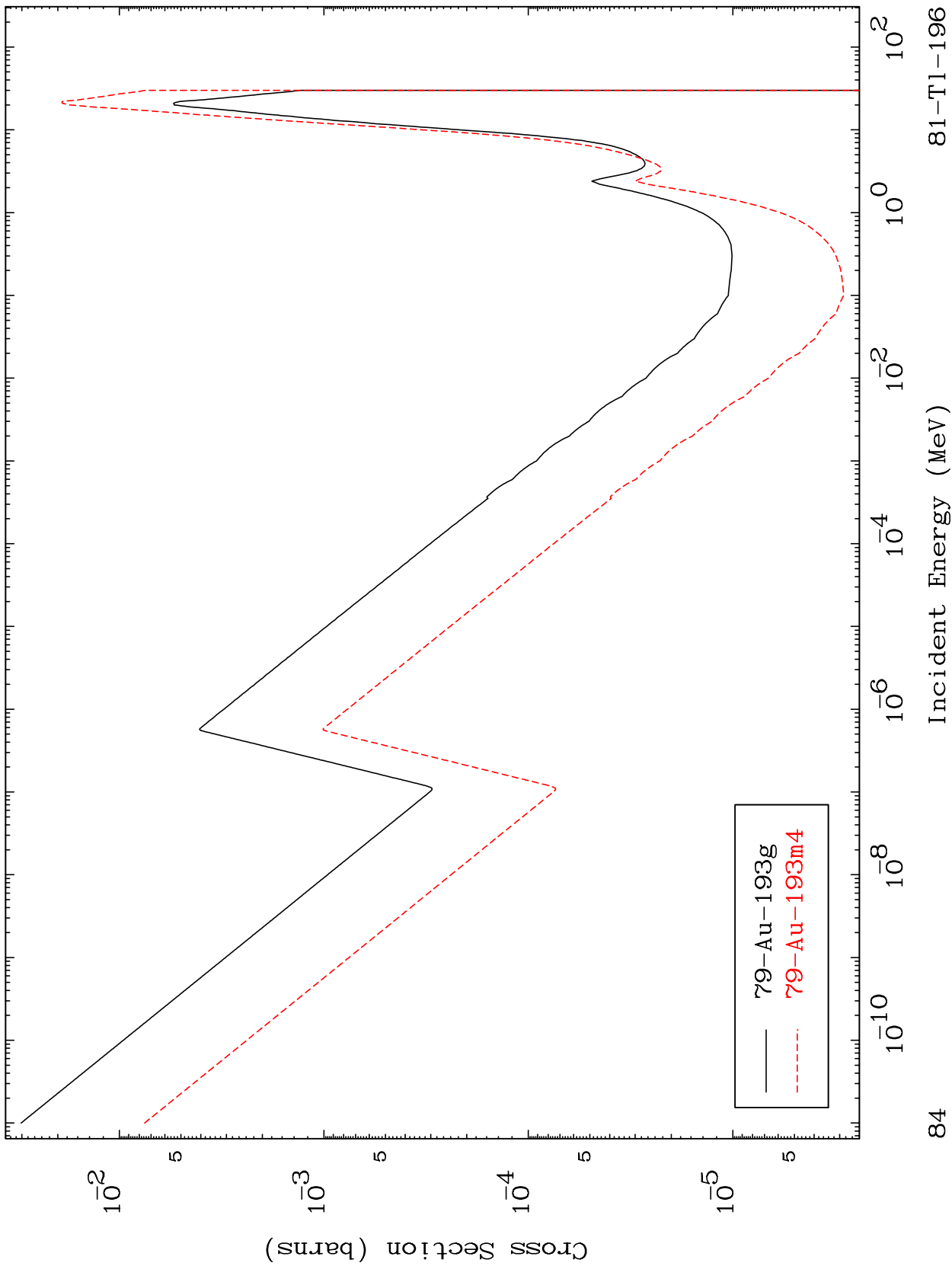
Radionuclide Production Cross Section



MAT 8104

81-Tl-196

(n, α)
Radionuclide Production Cross Section



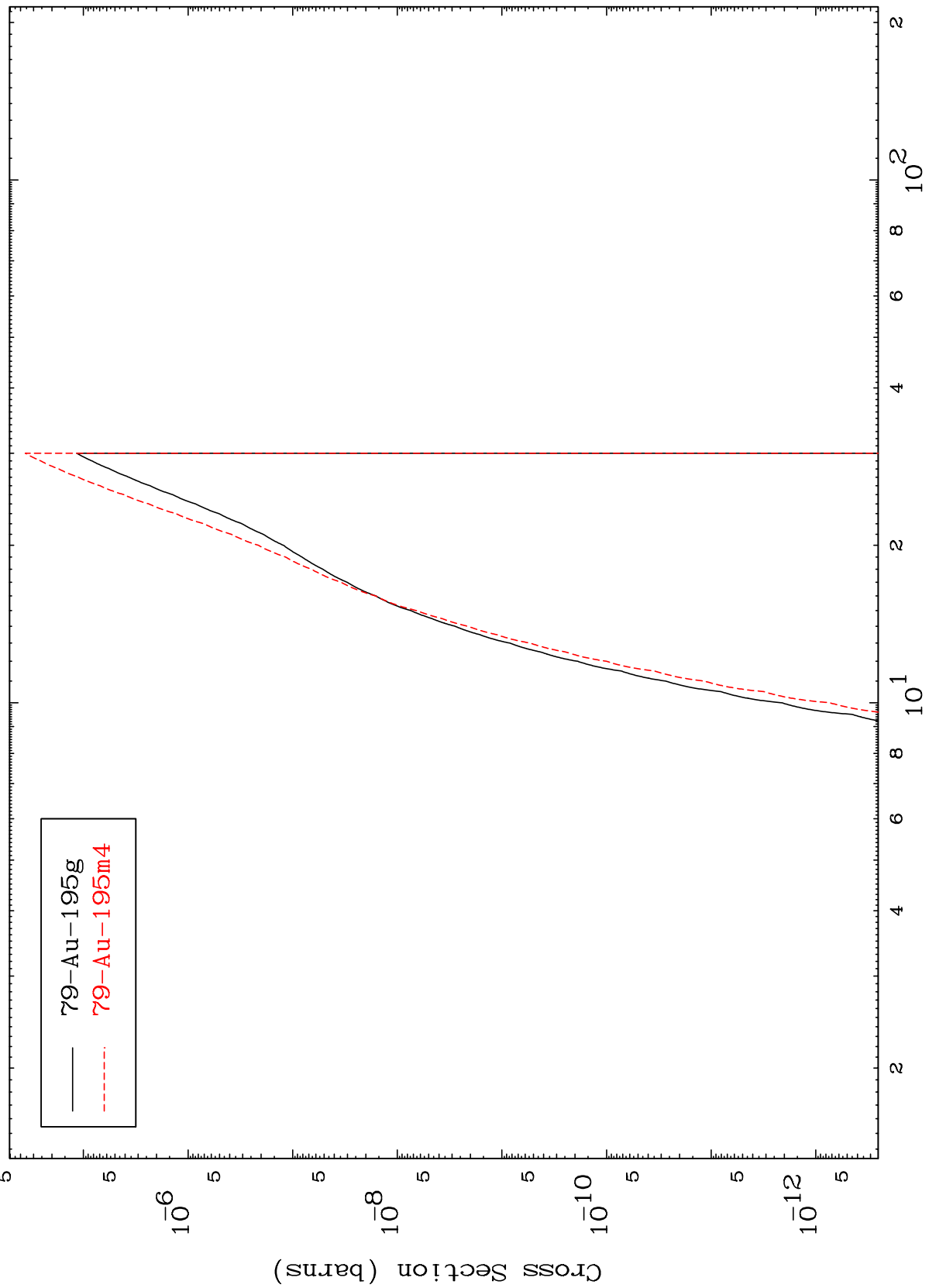
84

81-Tl-196

MAT 8104

81-Tl-196

(n,2p)
Radionuclide Production Cross Section



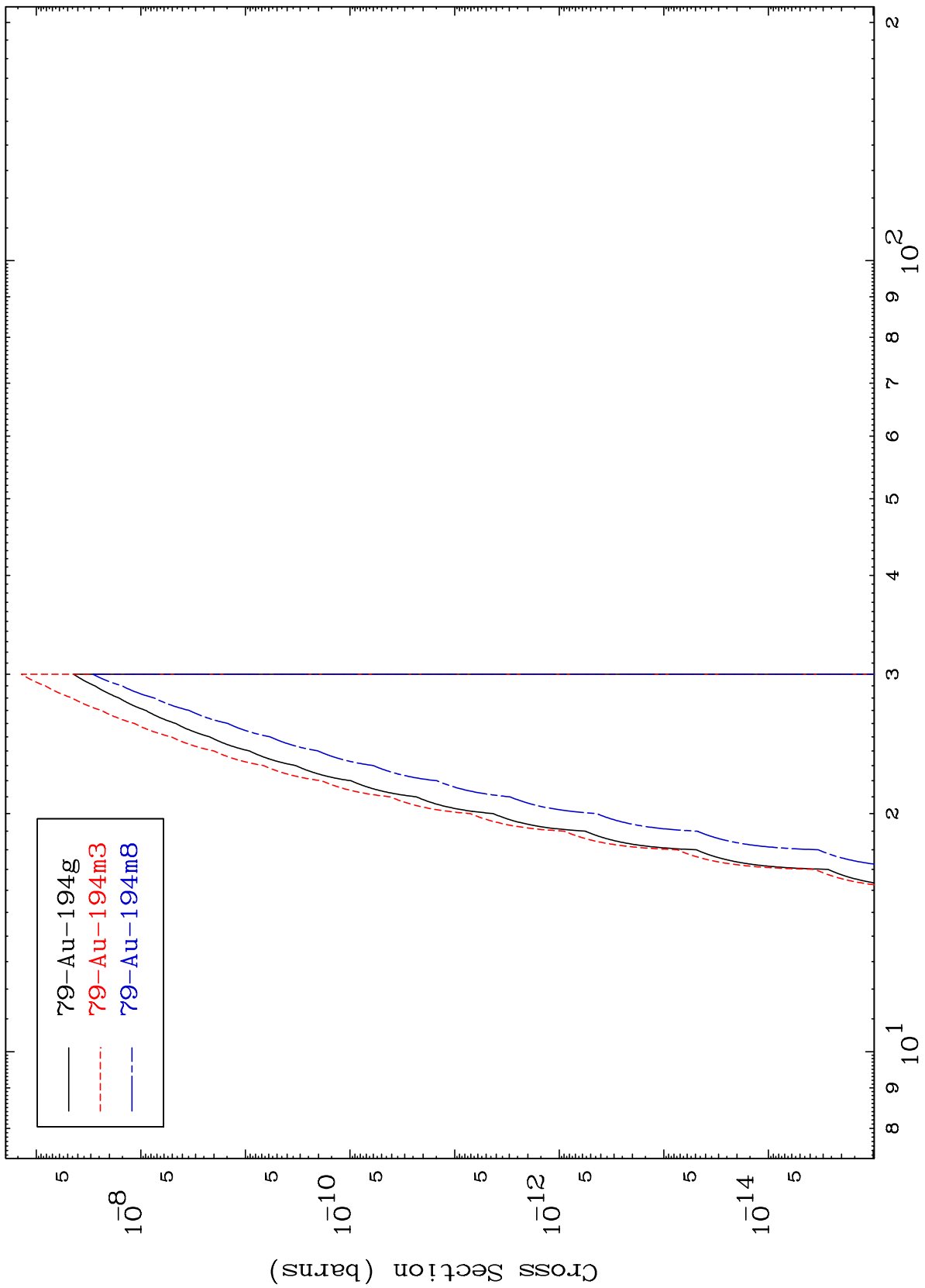
— 79-Au-195g
- - - 79-Au-195m4

85

81-Tl-196

Incident Energy (MeV)

Radionuclide Production Cross Section

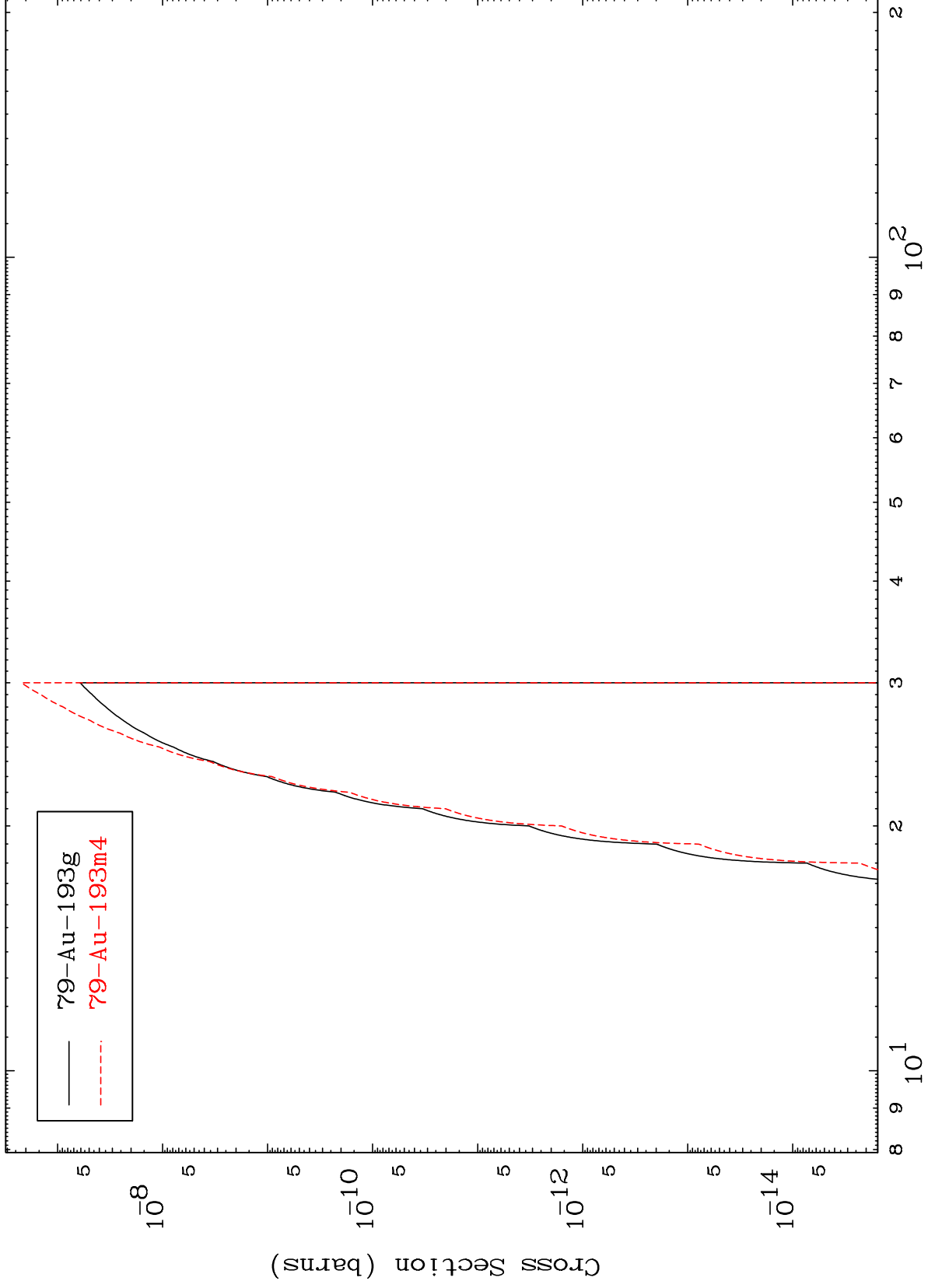


MAT 8104

(n,p) t

81-Tl-196

Radionuclide Production Cross Section



87

Incident Energy (MeV)

81-Tl-196