

Program EVALPLOT
(Version 2015-2)

by

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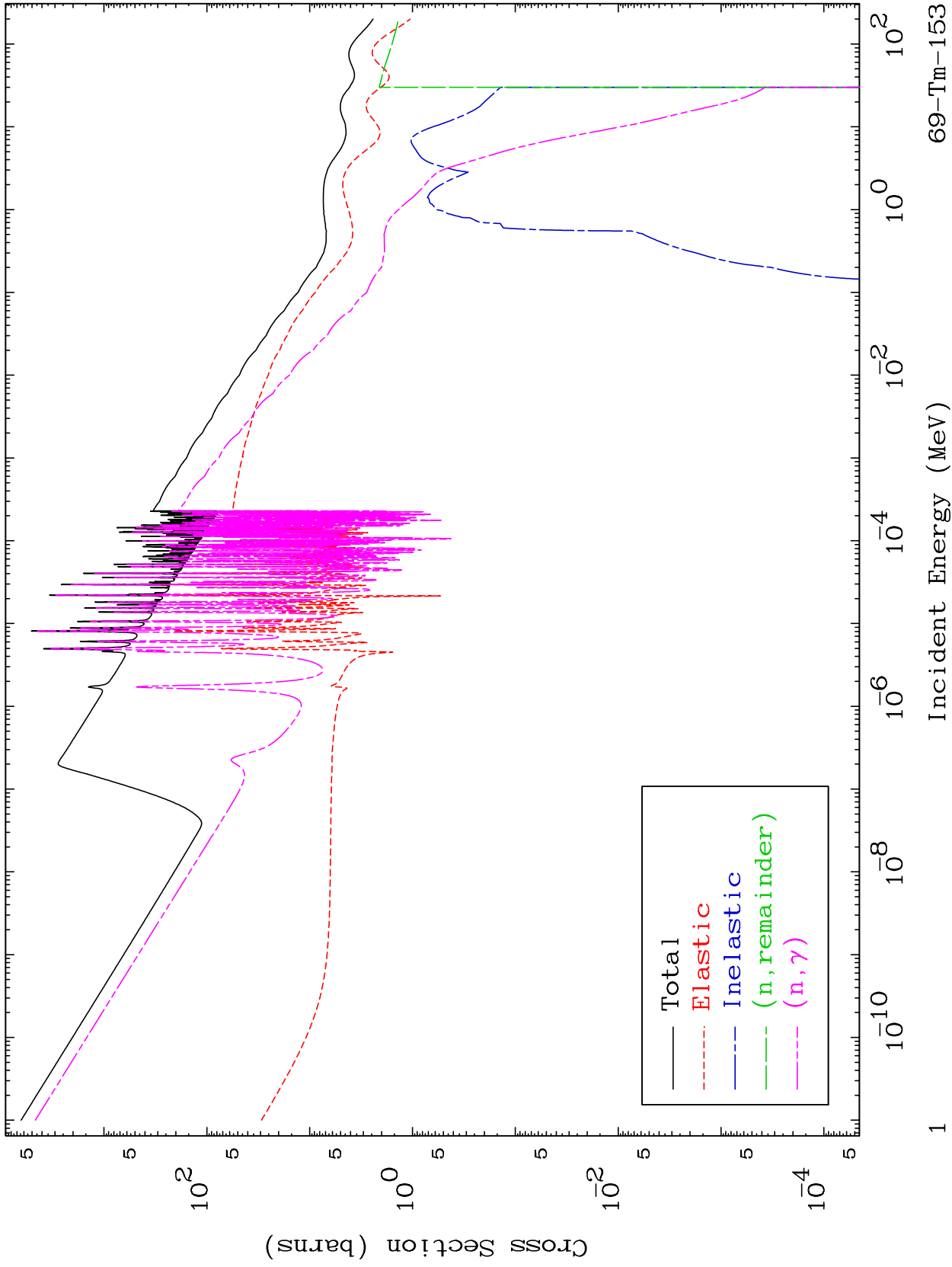
Press Mouse Button to Start

MAT 6877

Major

293 Kelvin Cross Sections

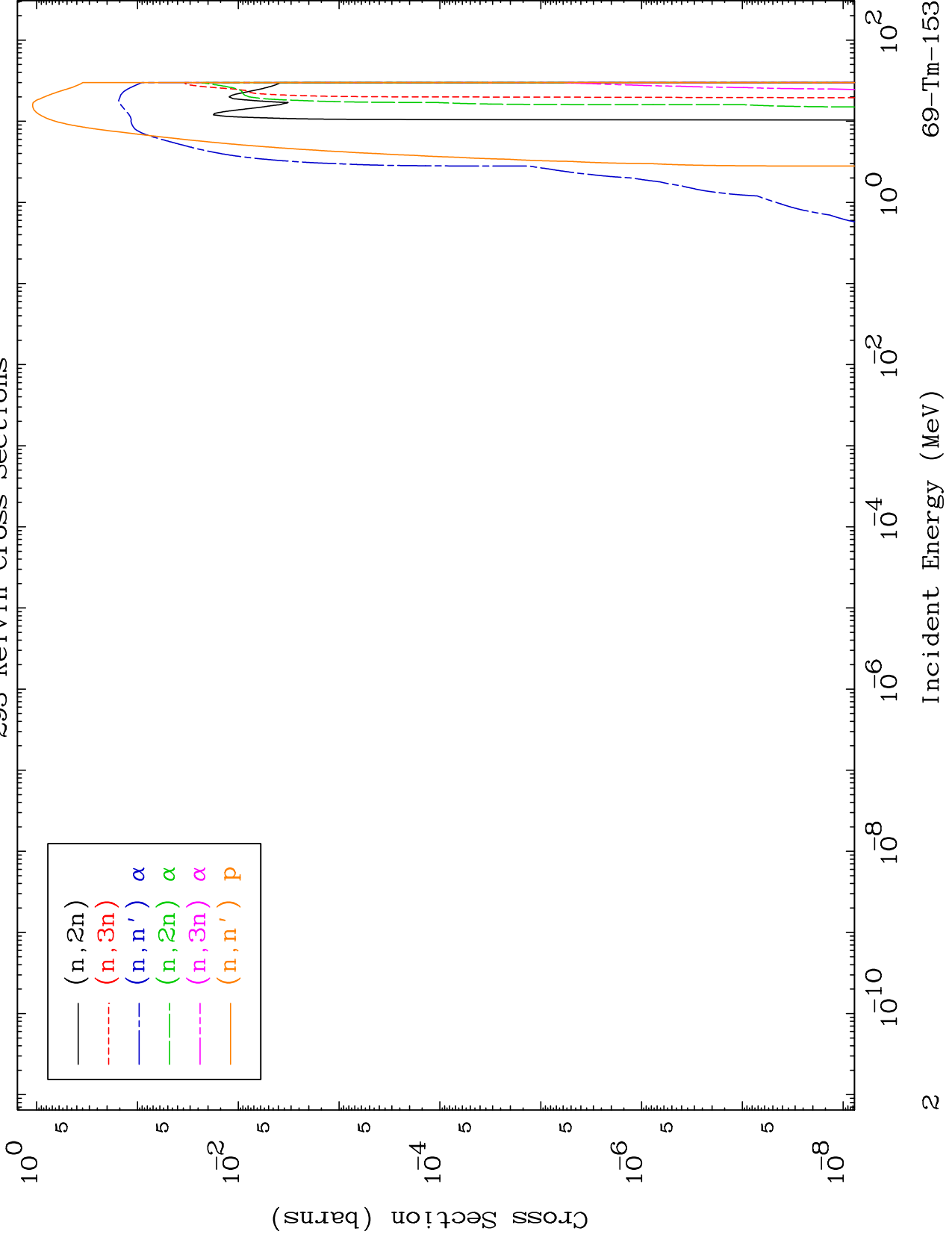
69-Tm-153



MAT 6877

Neutron Production
293 Kelvin Cross Sections

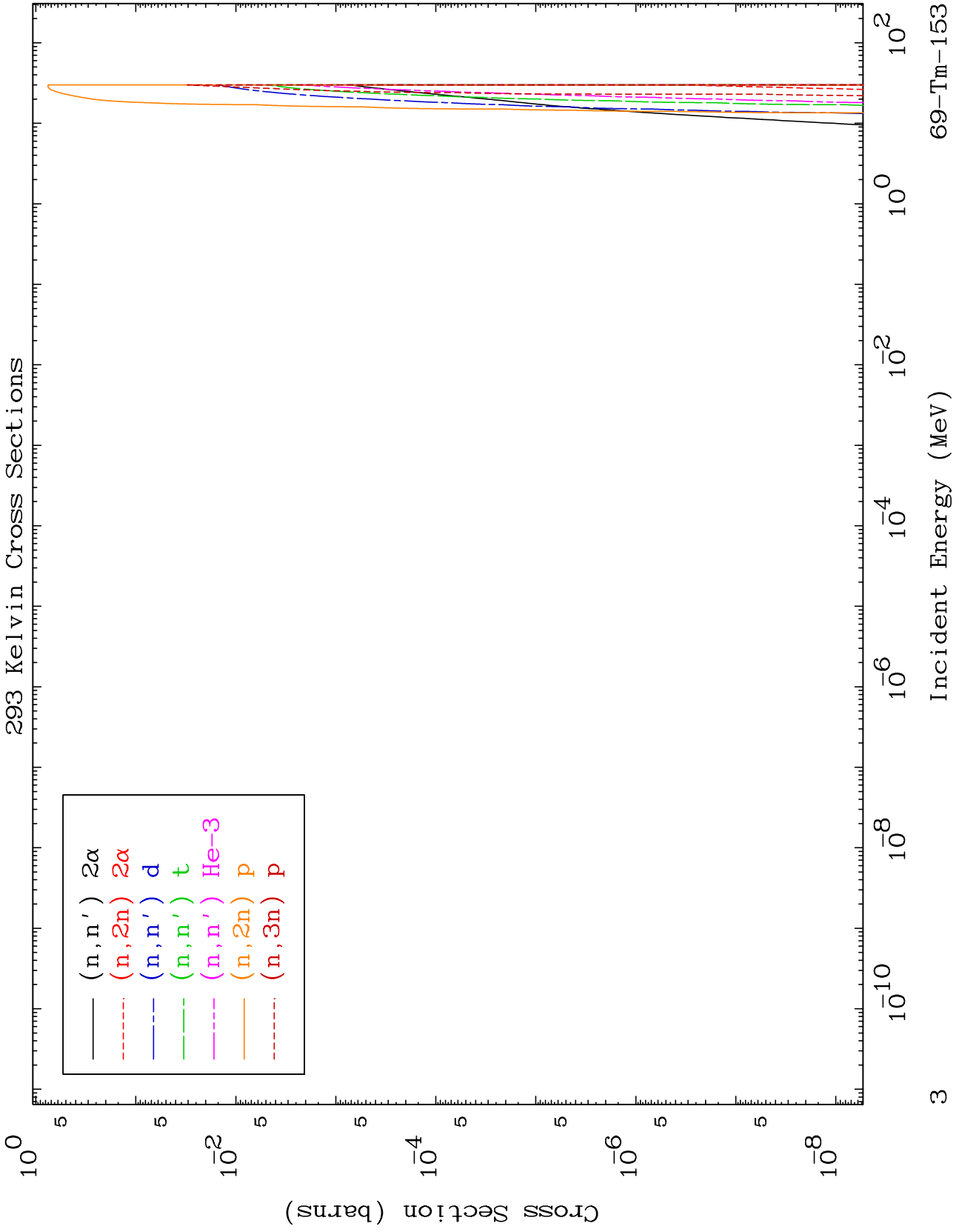
69-Tm-153



MAT 6877

Neutron Production
293 Kelvin Cross Sections

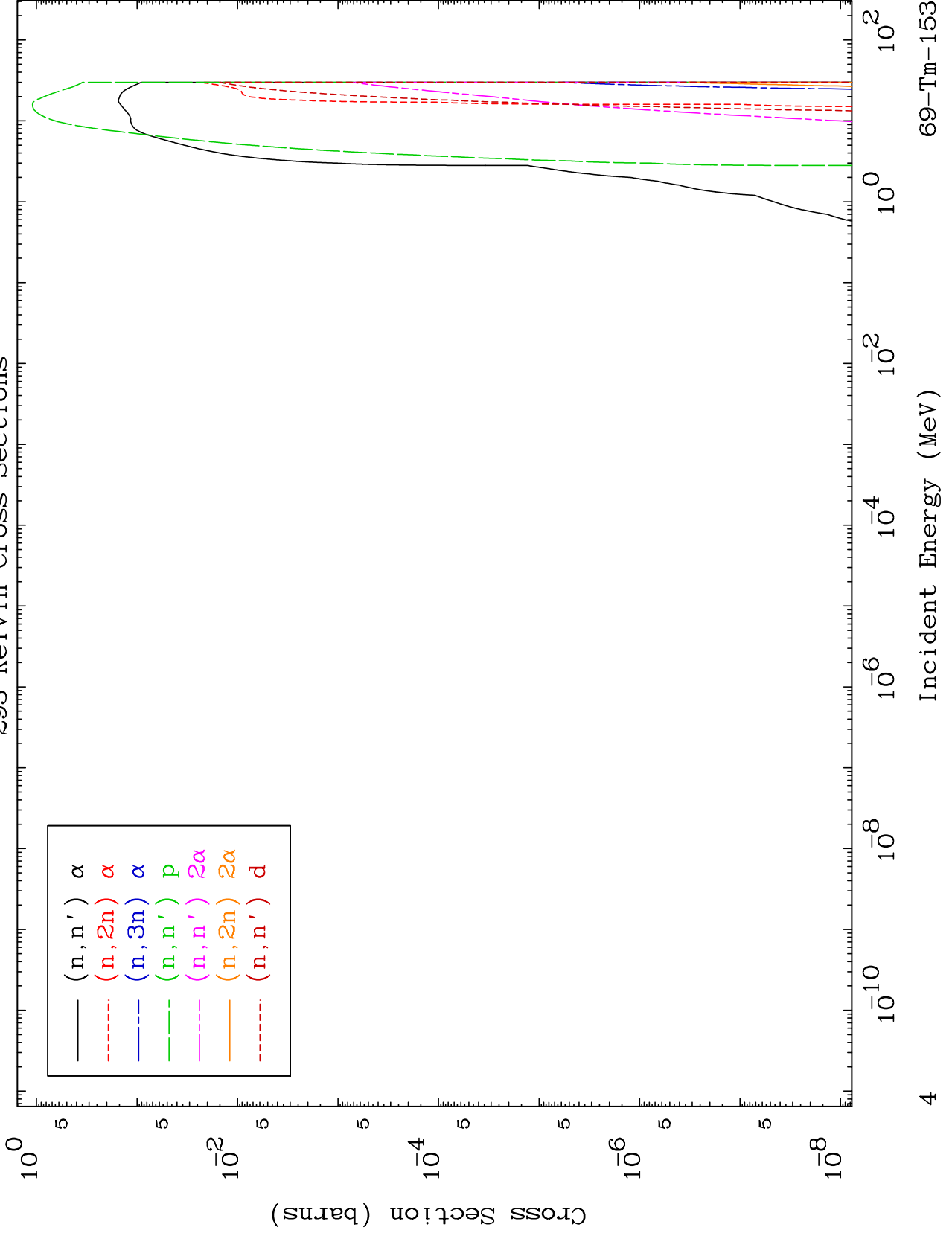
69-Tm-153



MAT 6877

Charged Particle
293 Kelvin Cross Sections

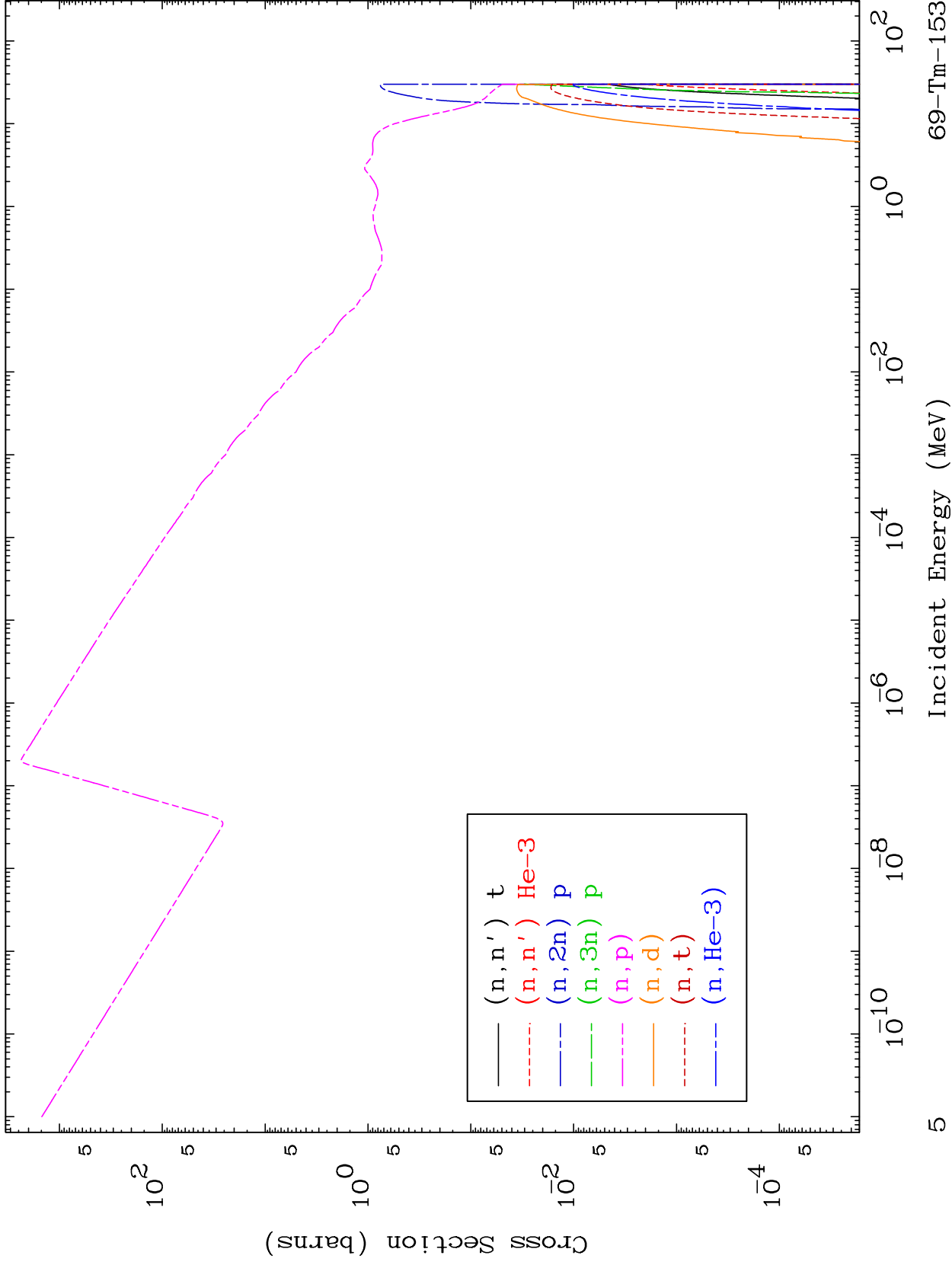
69-Tm-153



MAT 68777

Charged Particle
293 Kelvin Cross Sections

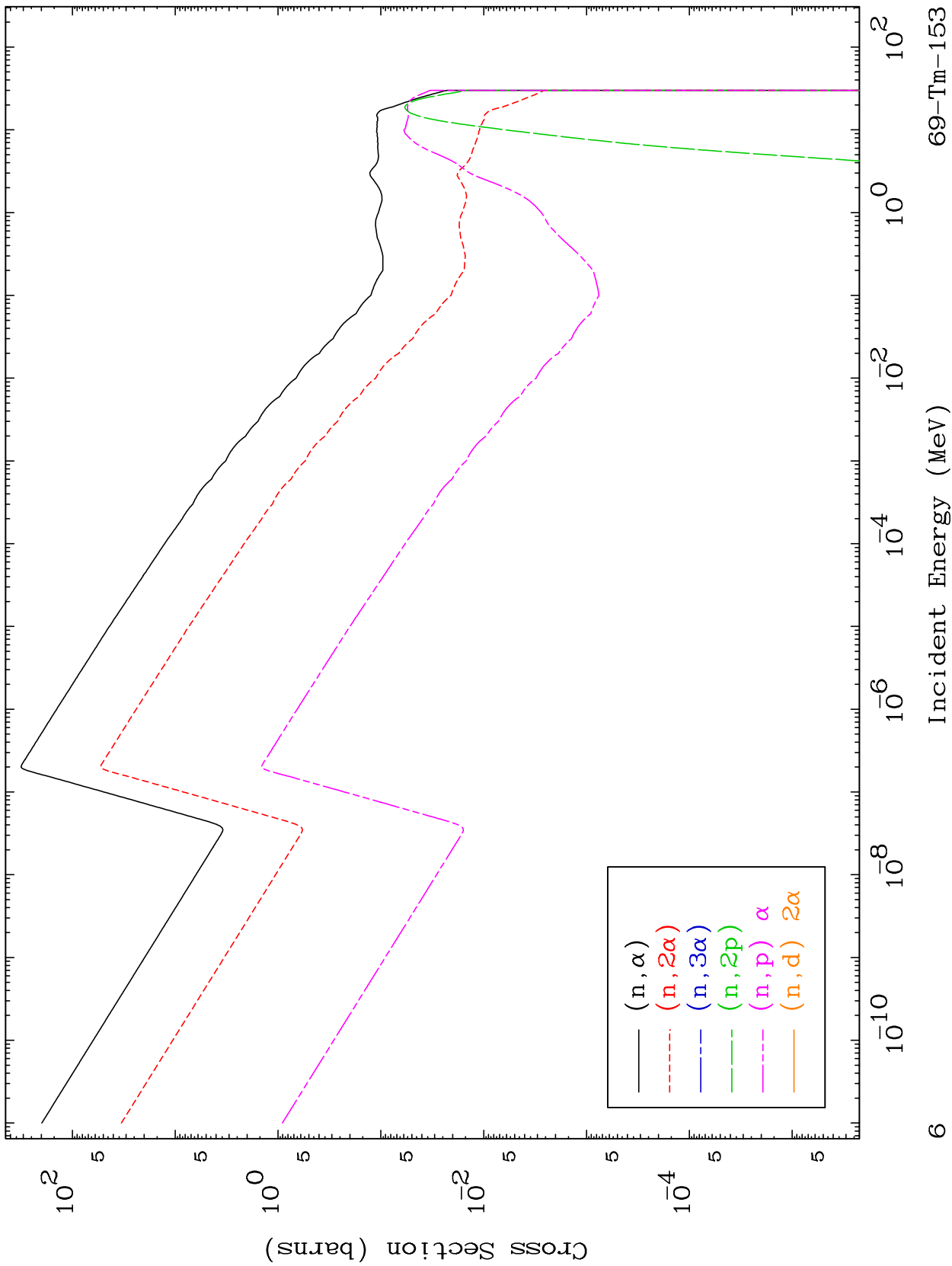
69-Tm-153



MAT 6877

Charged Particle
293 Kelvin Cross Sections

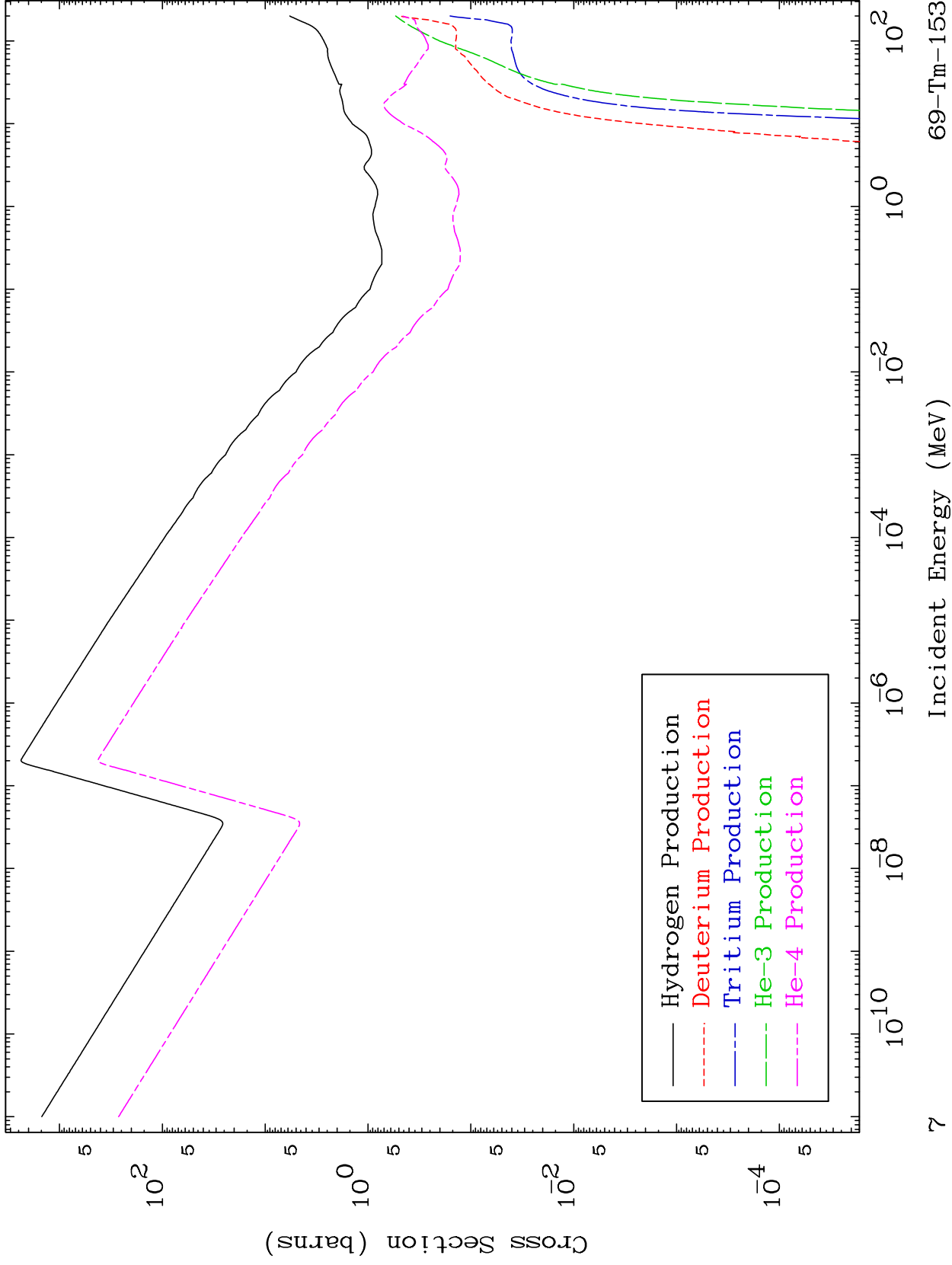
69-Tm-153



MAT 6877

Particle Production
293 Kelvin Cross Sections

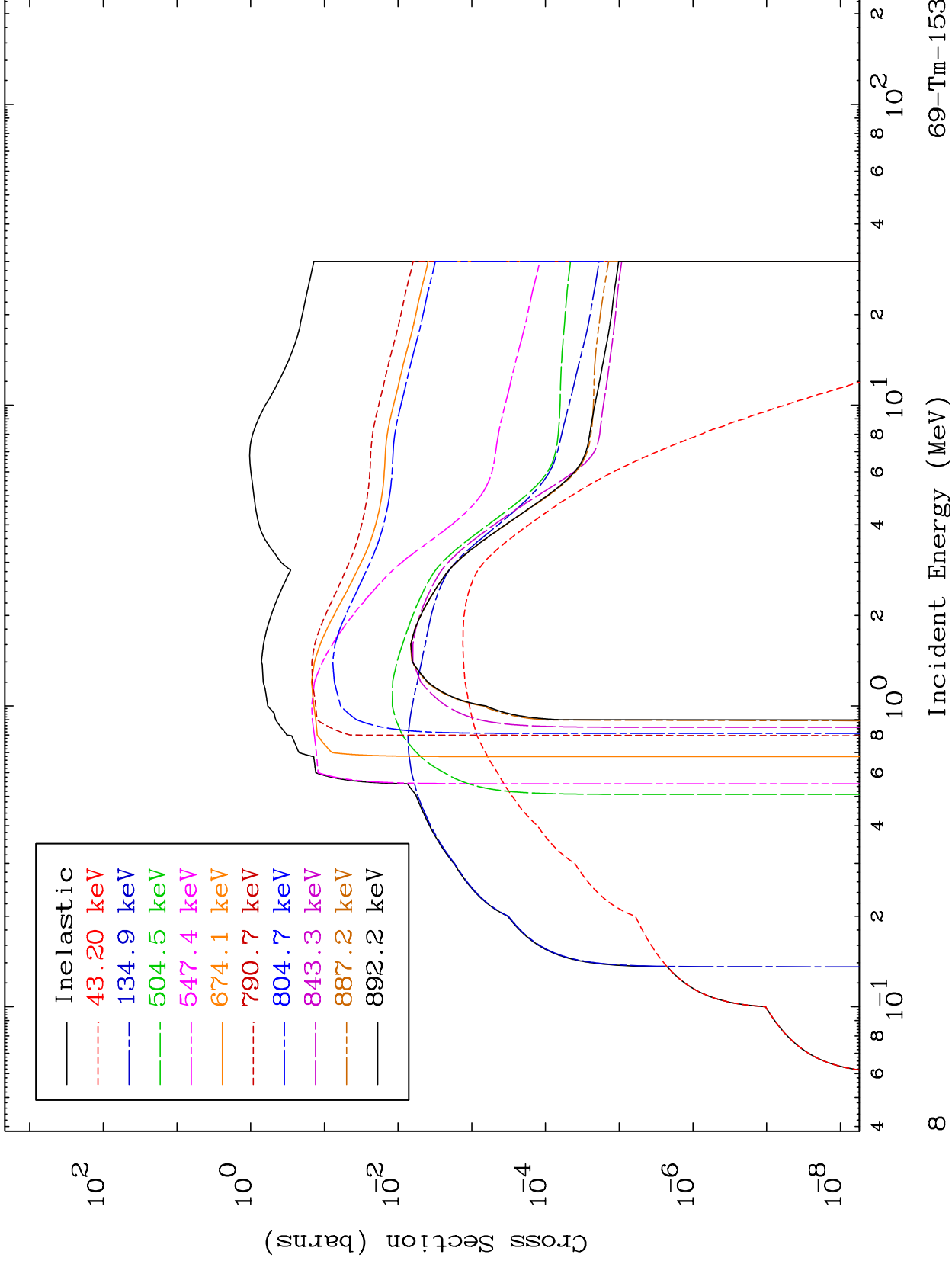
69-Tm-153



MAT 6877

(n,n') Level
293 Kelvin Cross Sections

69-Tm-153

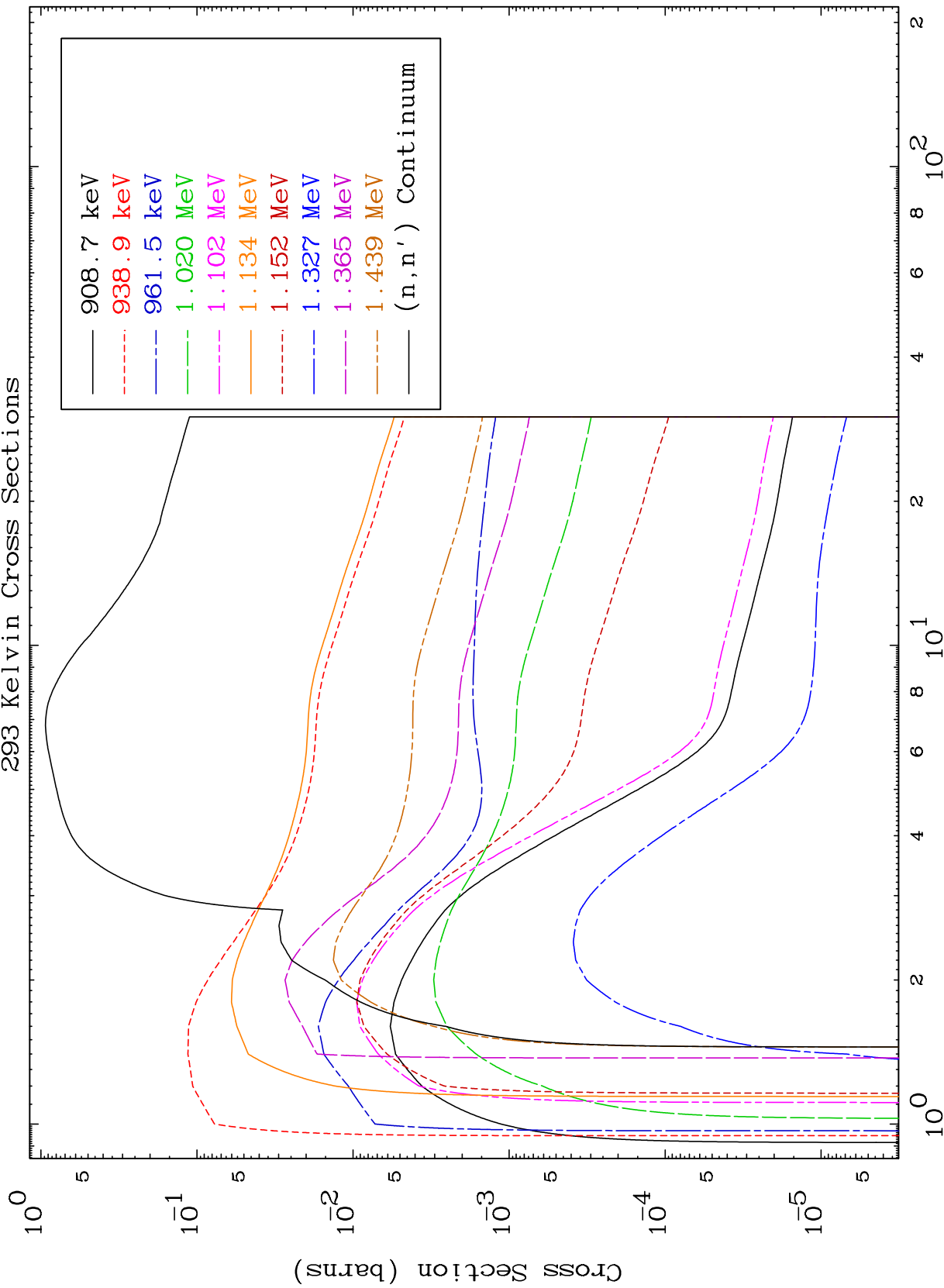


MAT 6877

(n,n') Level

69-Tm-153

293 Kelvin Cross Sections



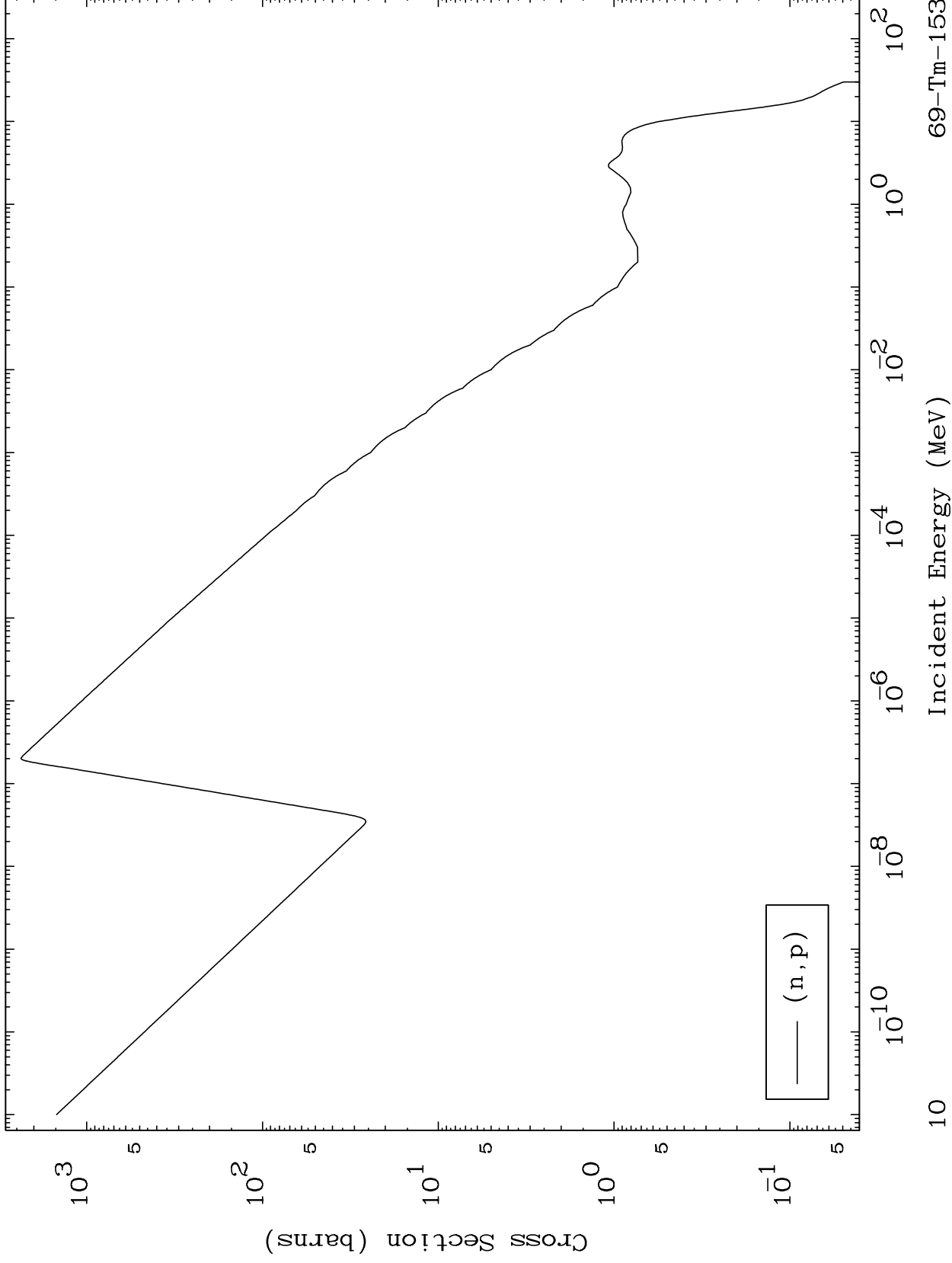
Incident Energy (MeV)

69-Tm-153

MAT 68777

(n,p) Levels
293 Kelvin Cross Sections

69-Tm-153



10

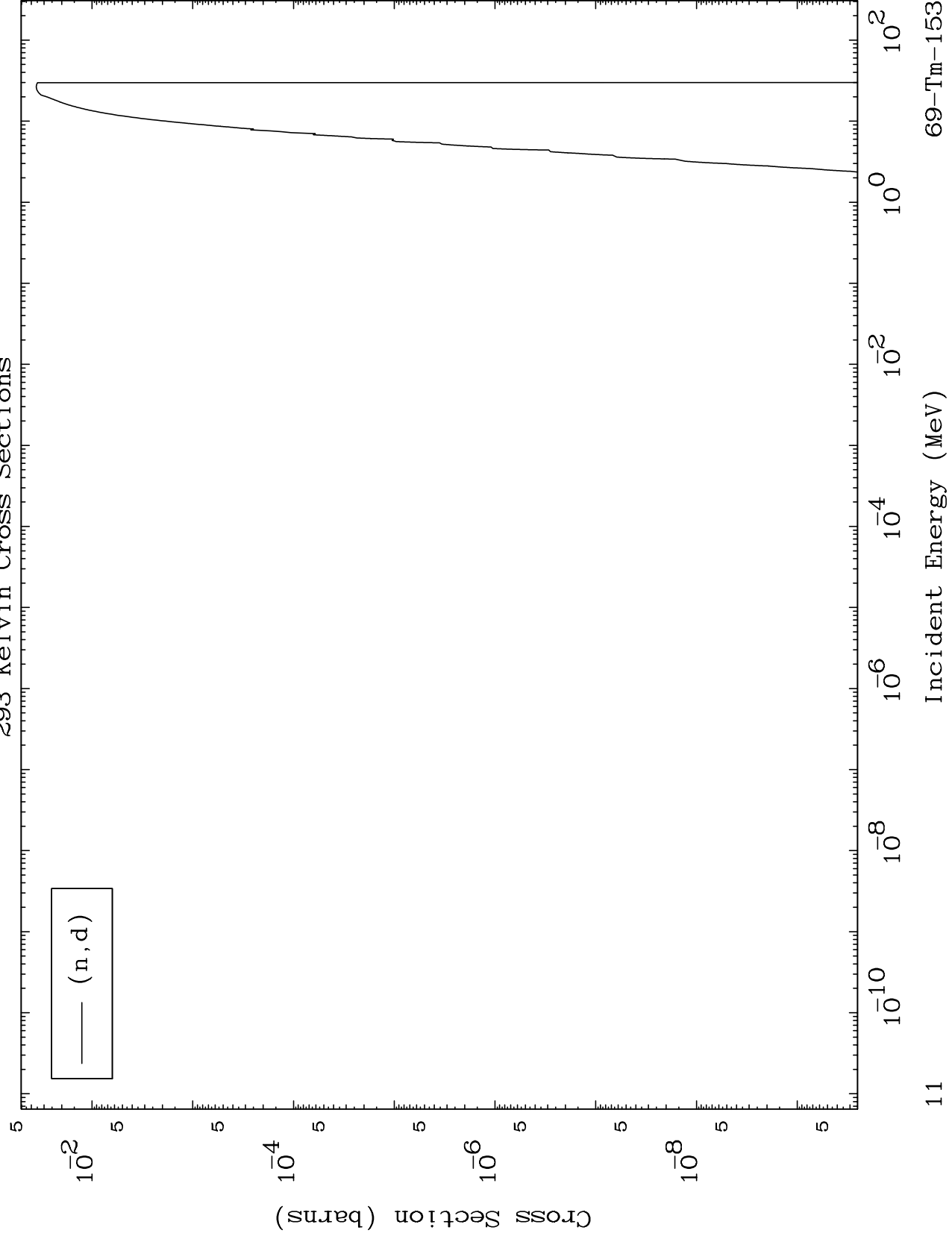
Incident Energy (MeV)

69-Tm-153

MAT 6877

(n,d) Levels
293 Kelvin Cross Sections

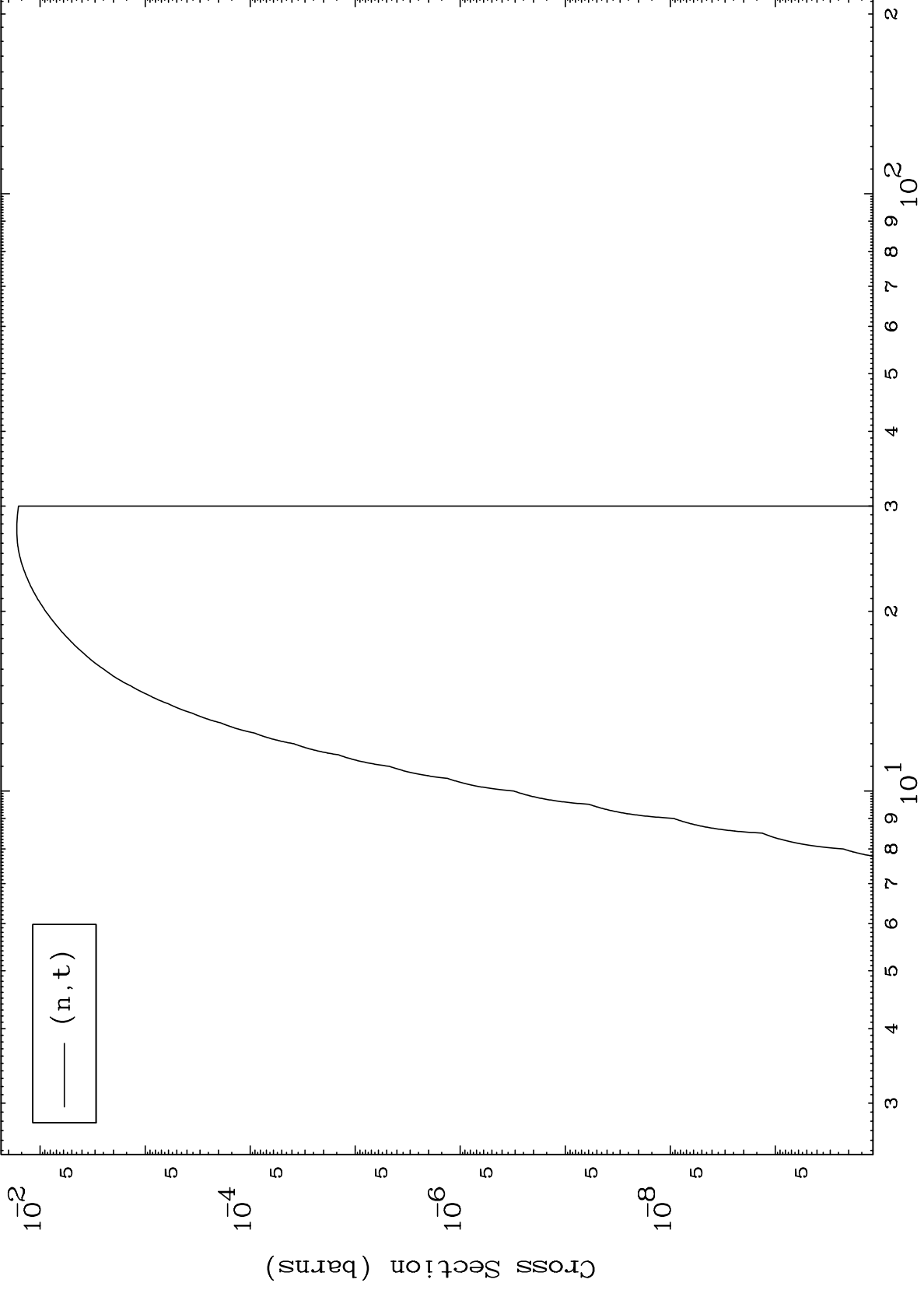
69-Tm-153



MAT 6877

(n,t) Levels
293 Kelvin Cross Sections

69-Tm-153



12

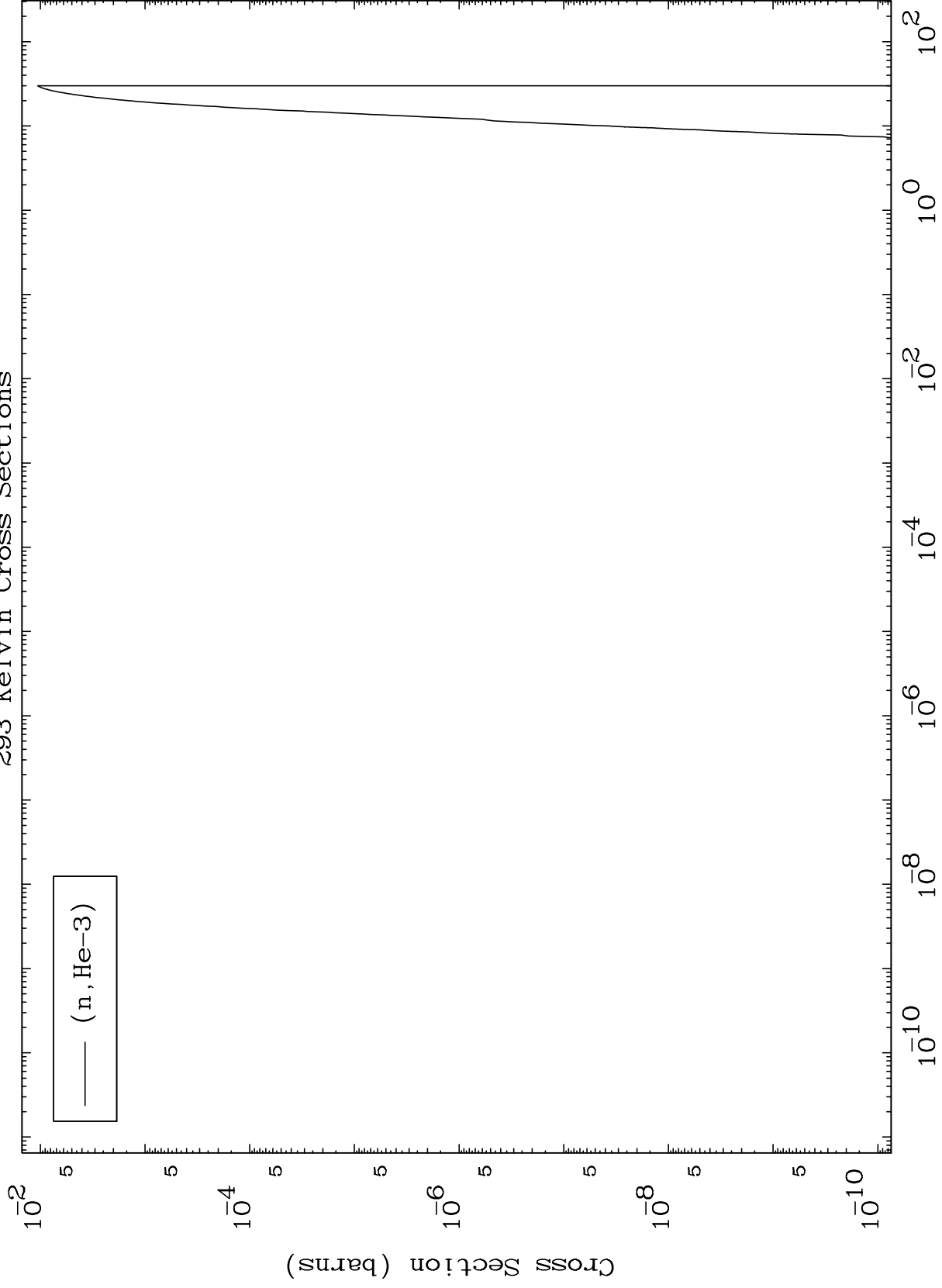
Incident Energy (MeV)

69-Tm-153

MAT 6877

(n,He3) Levels
293 Kelvin Cross Sections

69-Tm-153



(n, He-3)

69-Tm-153

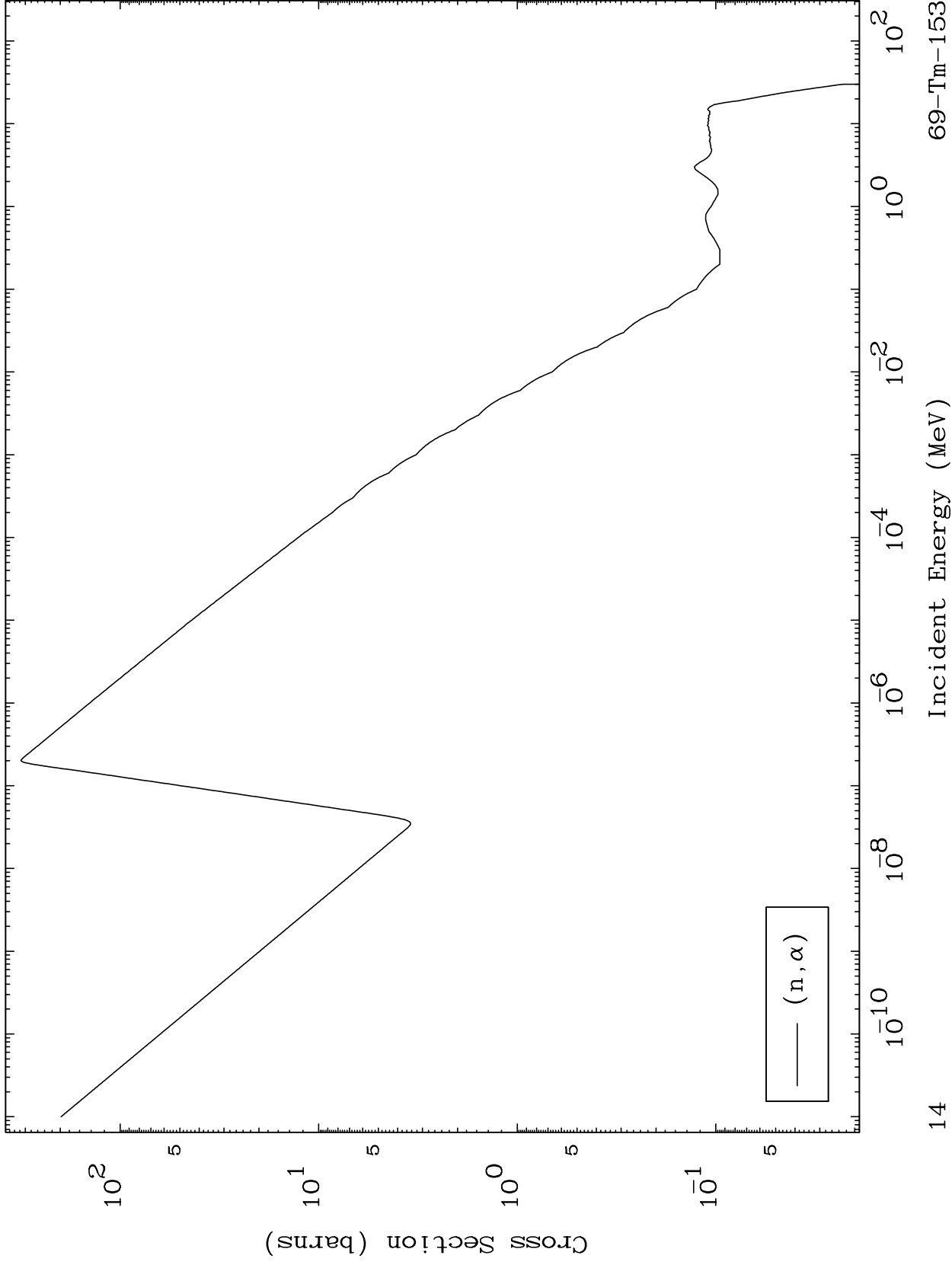
Incident Energy (MeV)

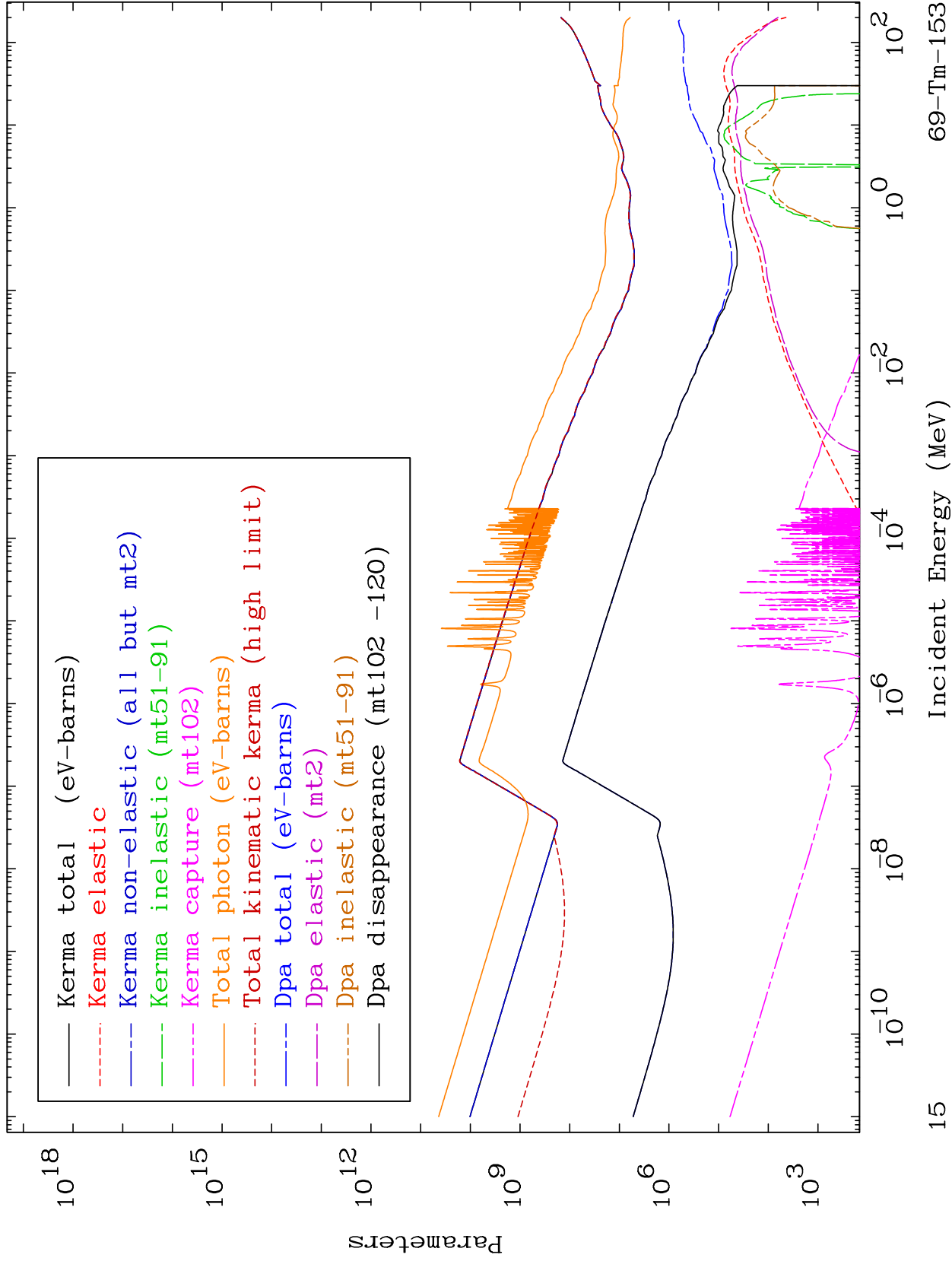
13

MAT 68777

(n, α) Levels
293 Kelvin Cross Sections

69-Tm-153

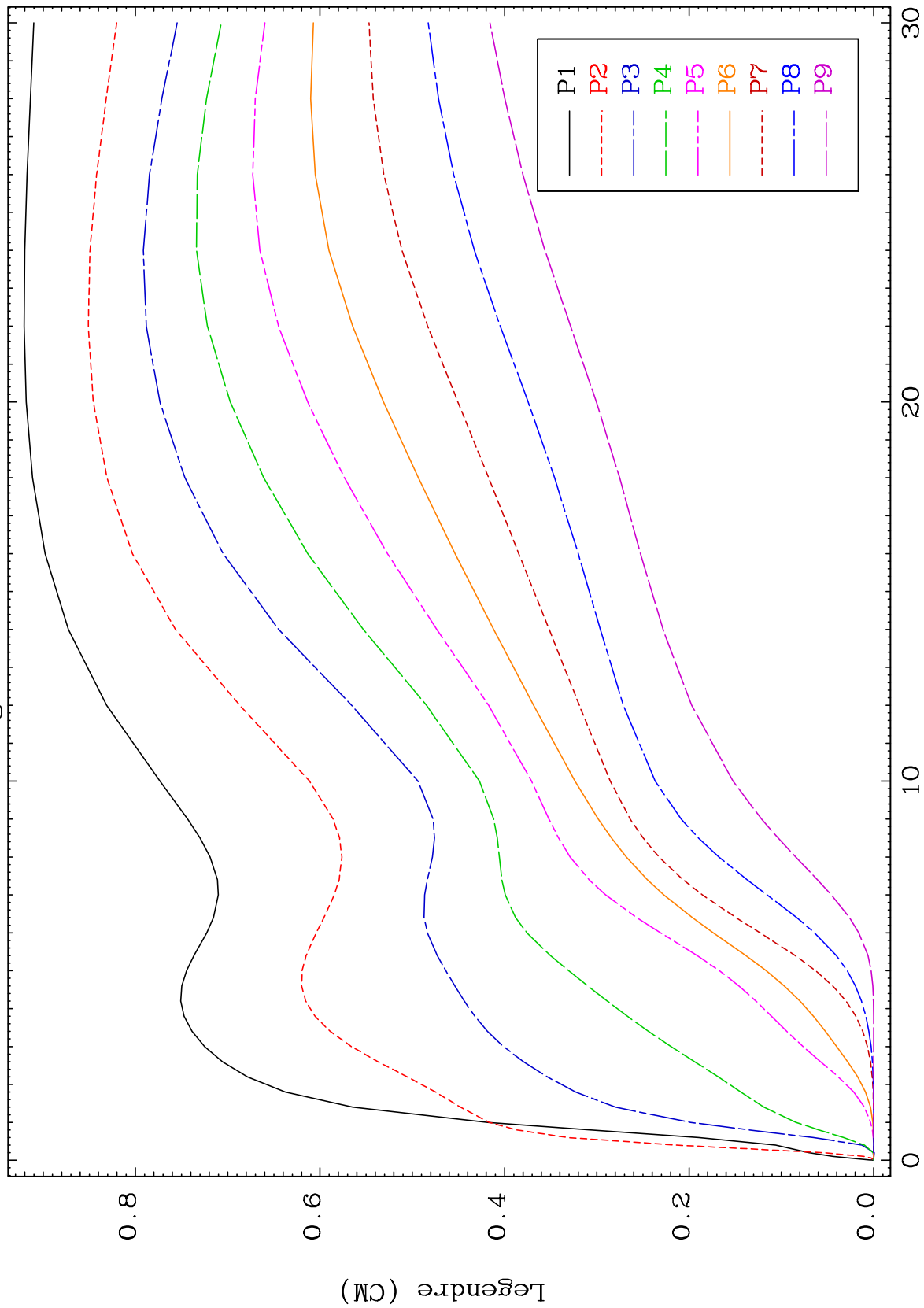




MAT 6877

Elastic Legendre Coefficients

69-Tm-153



16

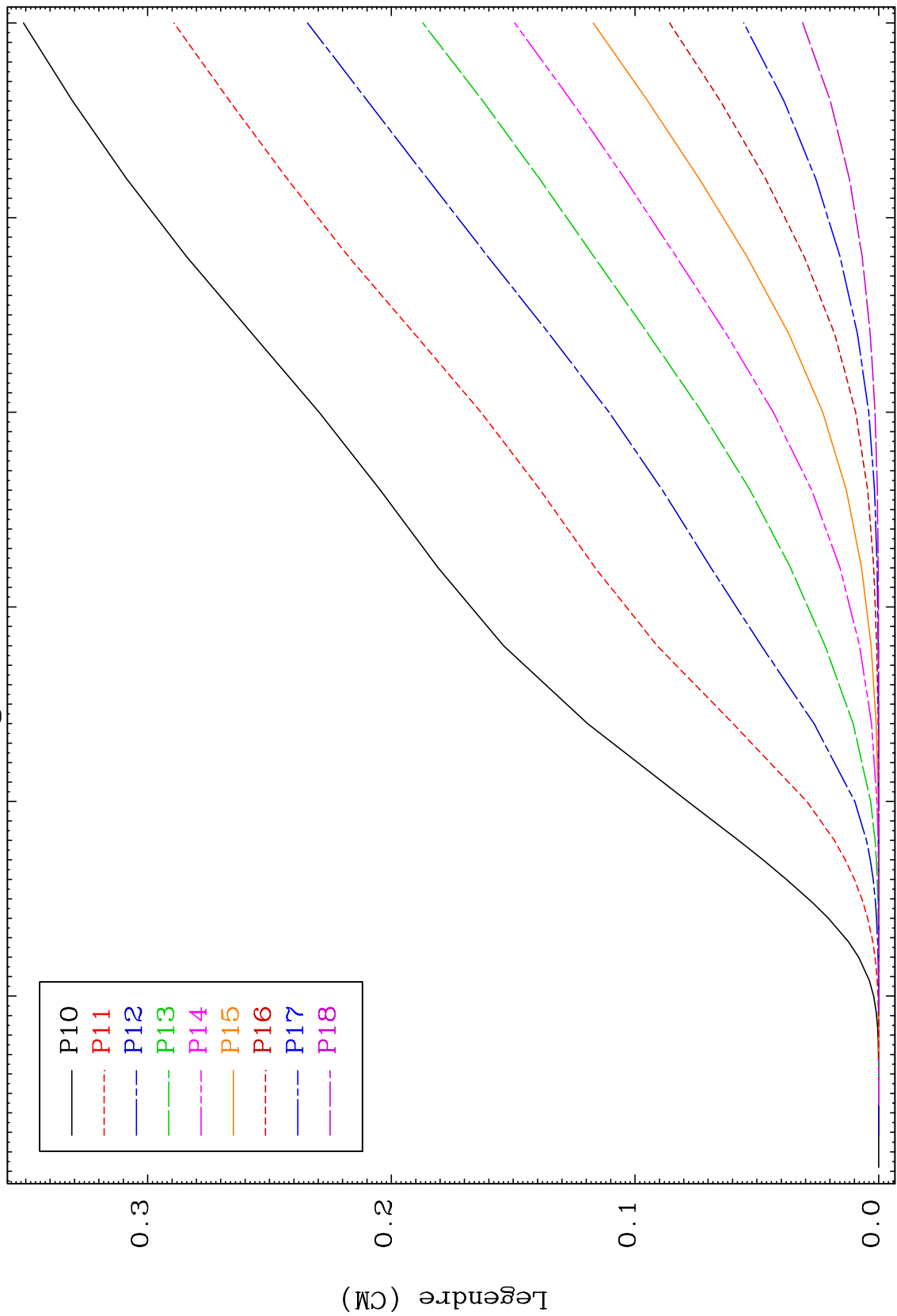
Incident Energy (MeV)

69-Tm-153

MAT 6877

Elastic Legendre Coefficients

69-Tm-153



17

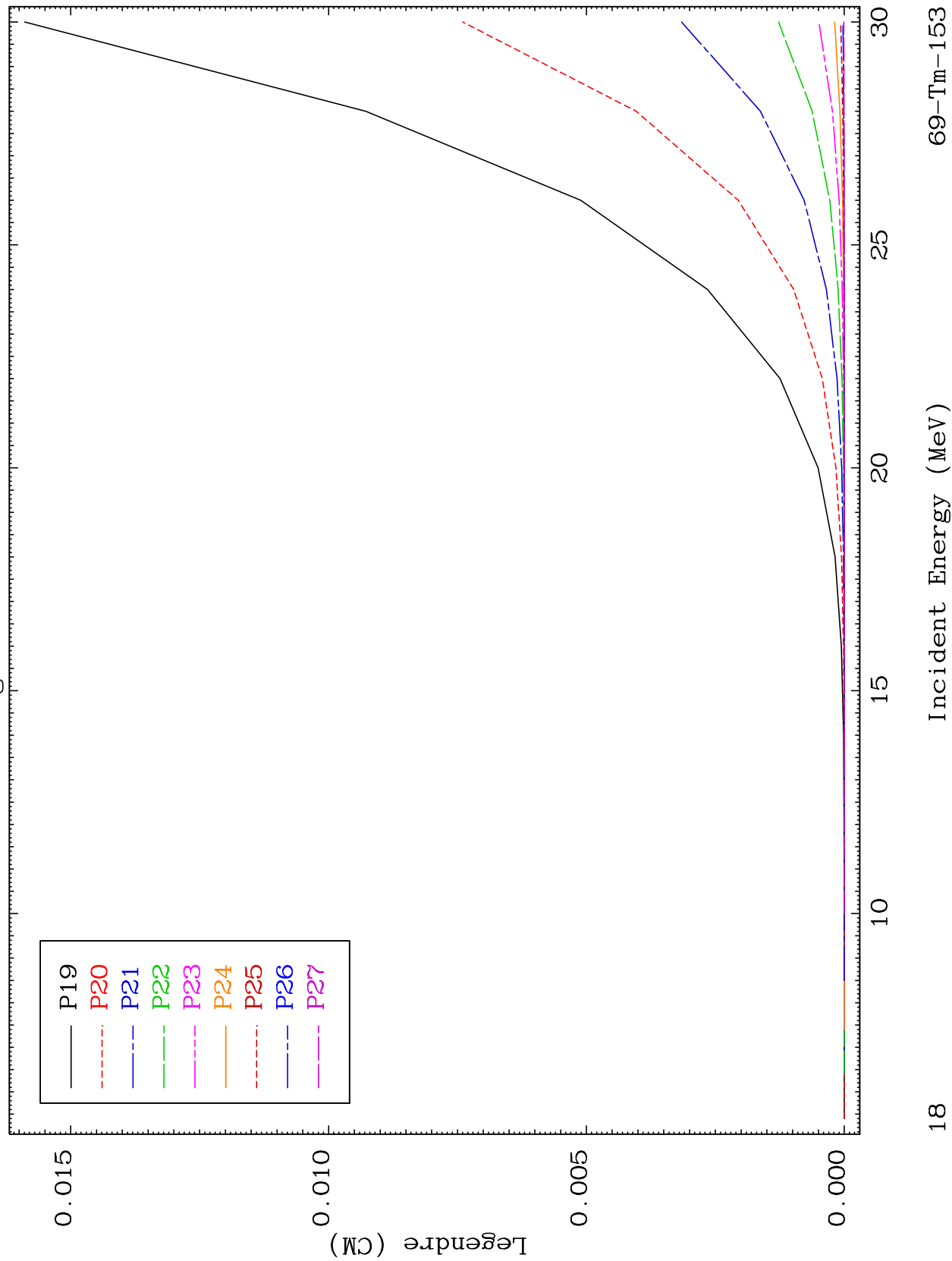
Incident Energy (MeV)

69-Tm-153

MAT 6877

Elastic Legendre Coefficients

69-Tm-153



18

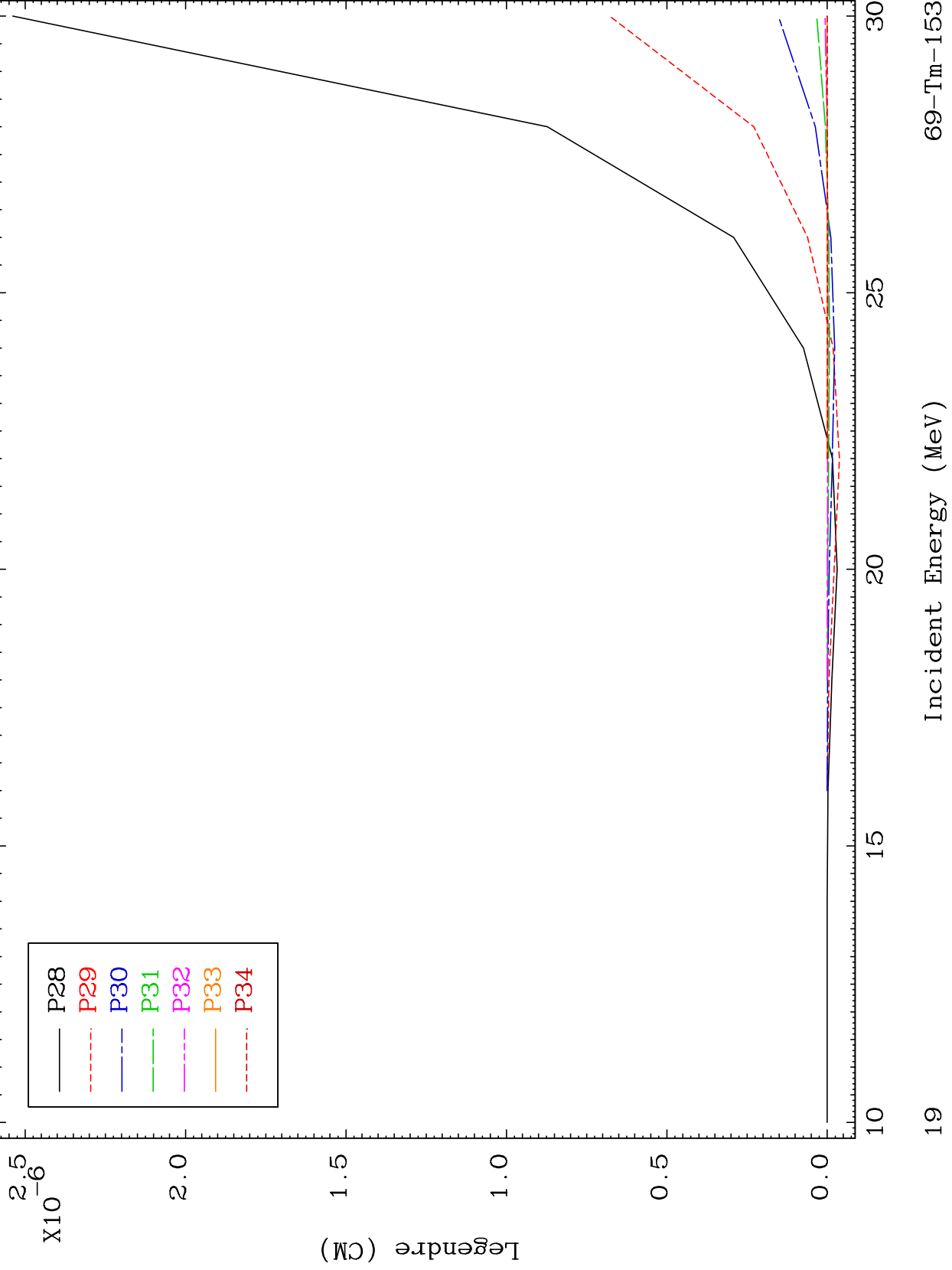
Incident Energy (MeV)

69-Tm-153

MAT 6877

Elastic
Legendre Coefficients

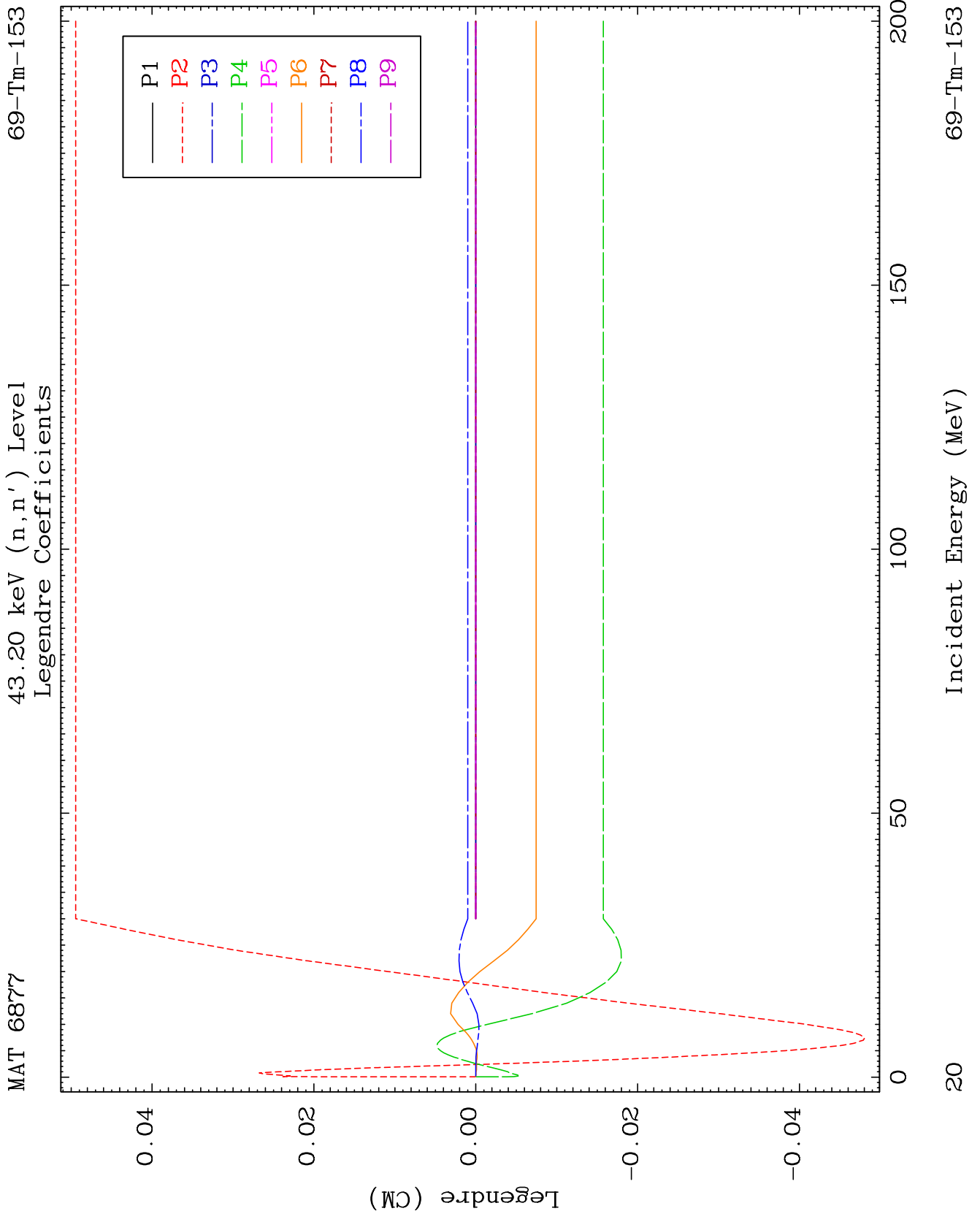
69-Tm-153



19

Incident Energy (MeV)

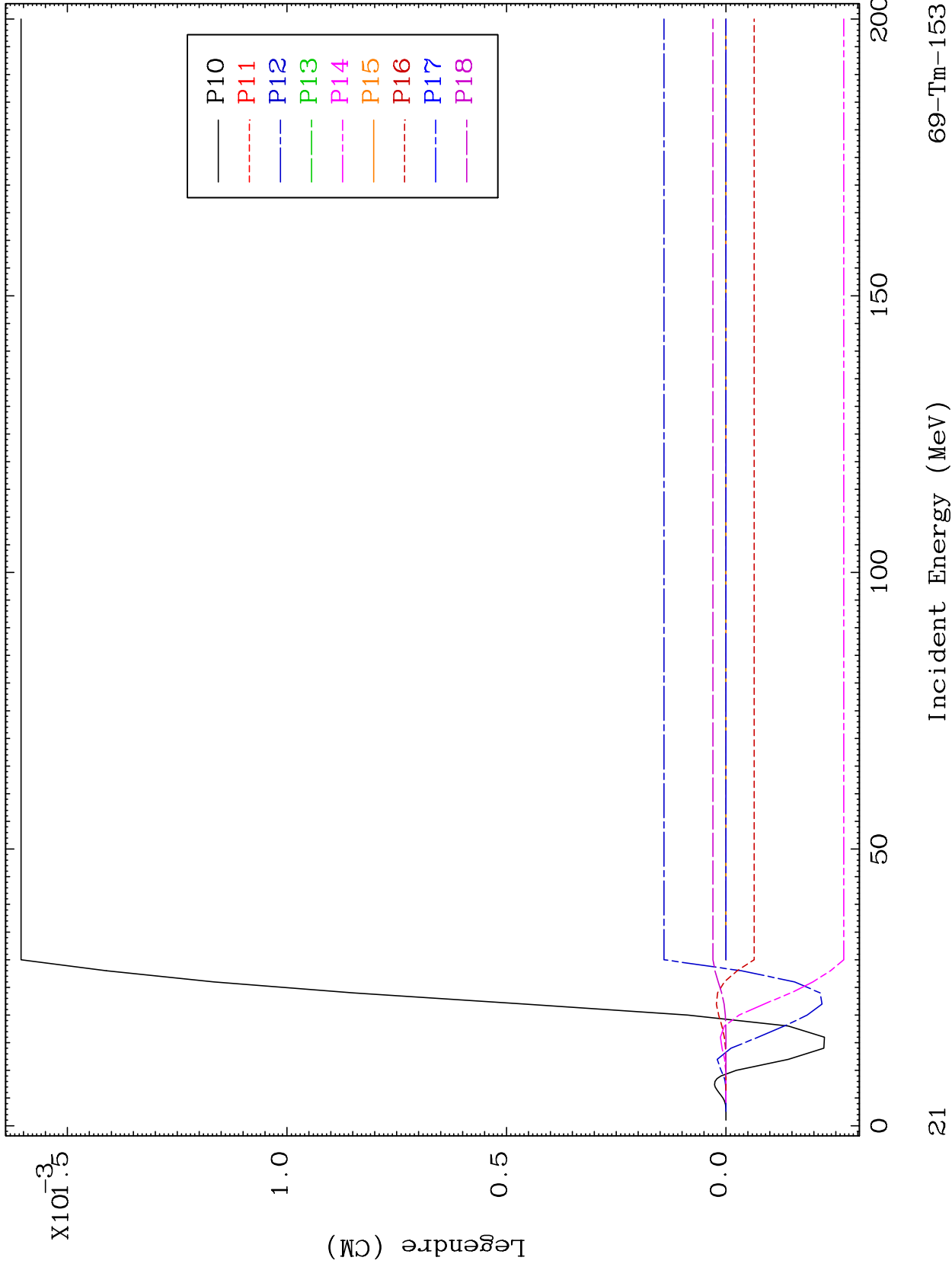
69-Tm-153



MAT 6877

43.20 keV (n,n') Level
Legendre Coefficients

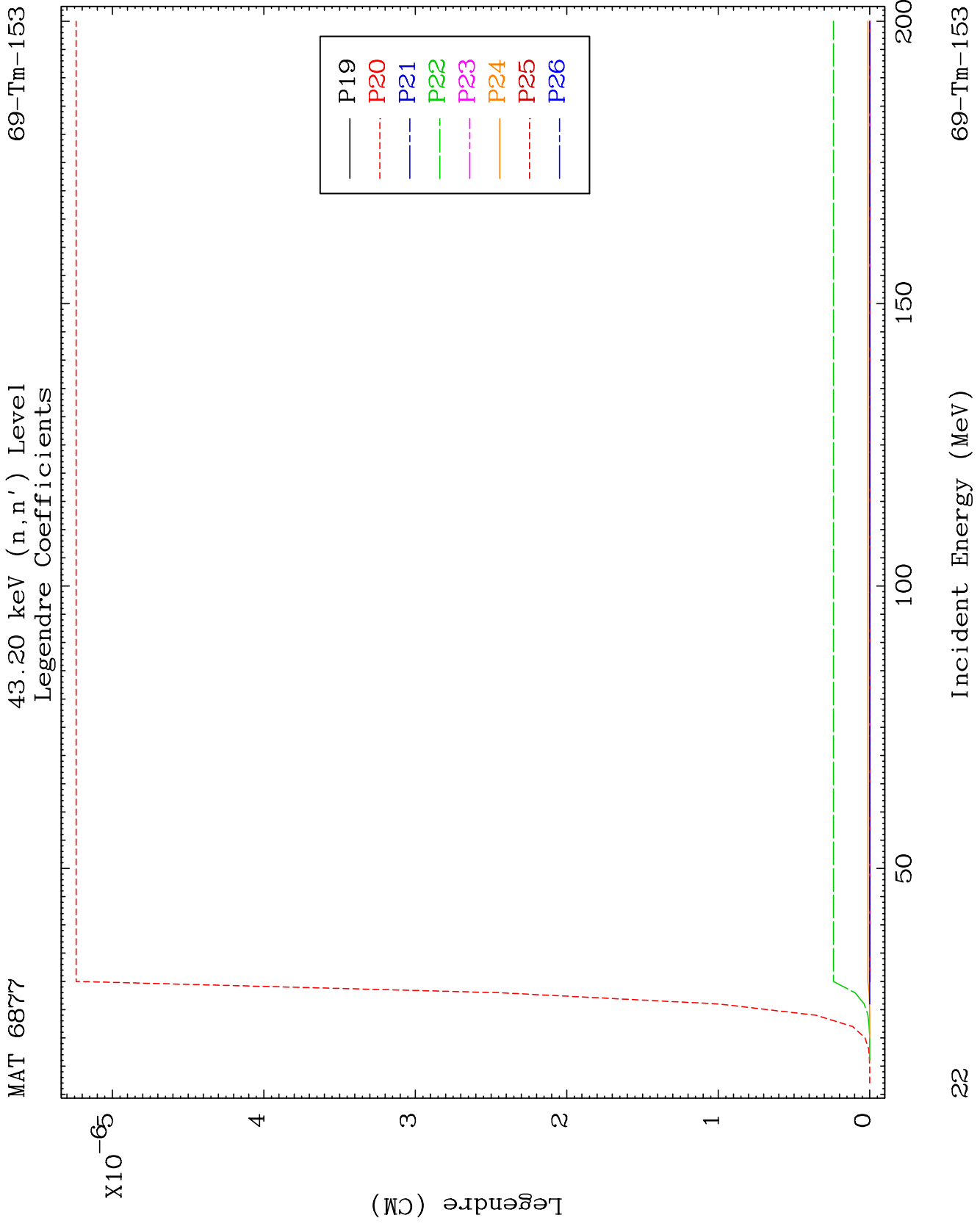
69-Tm-153



21

Incident Energy (MeV)

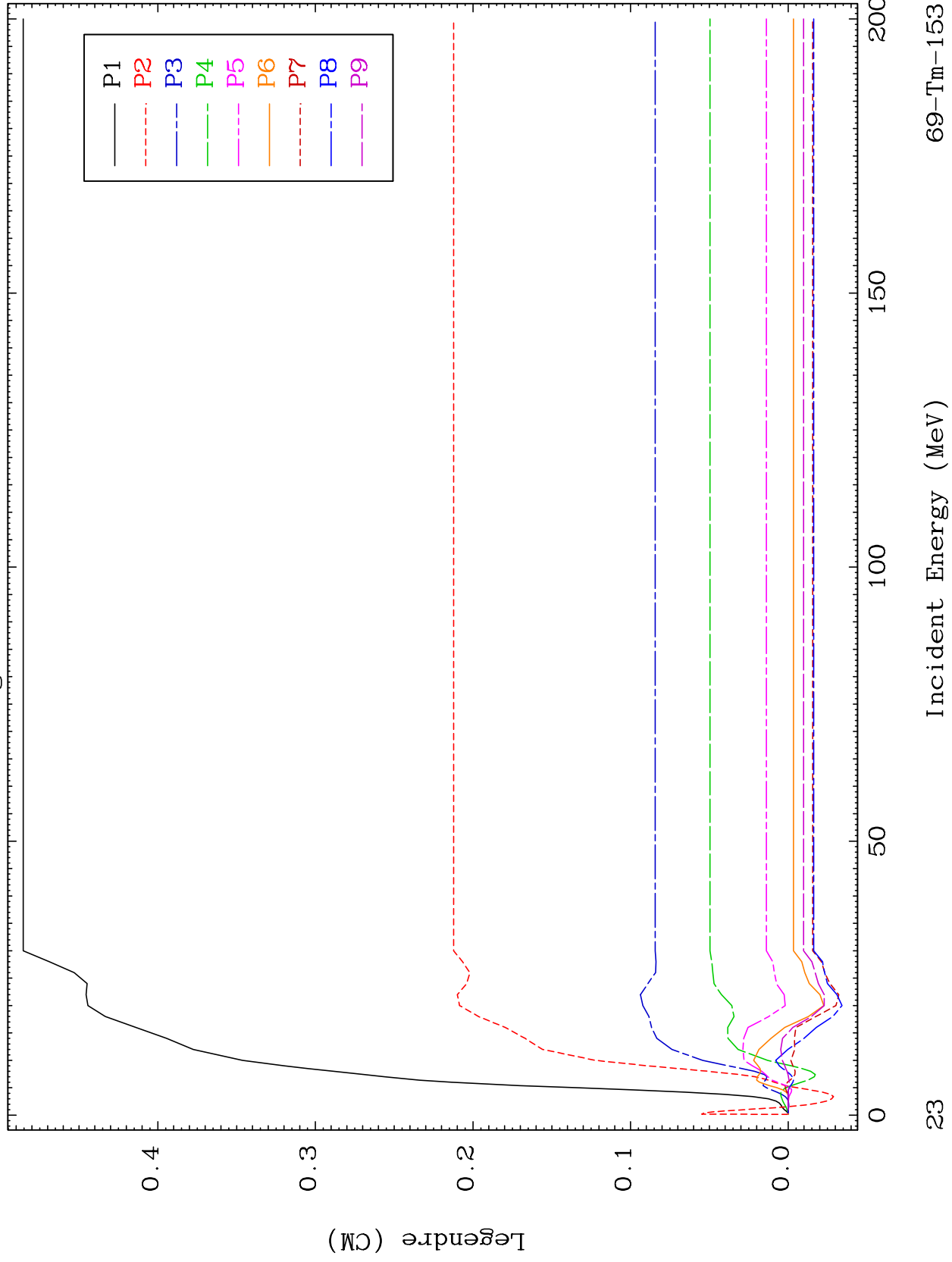
69-Tm-153



MAT 6877

134.9 keV (n,n') Level
Legendre Coefficients

69-Tm-153



69-Tm-153

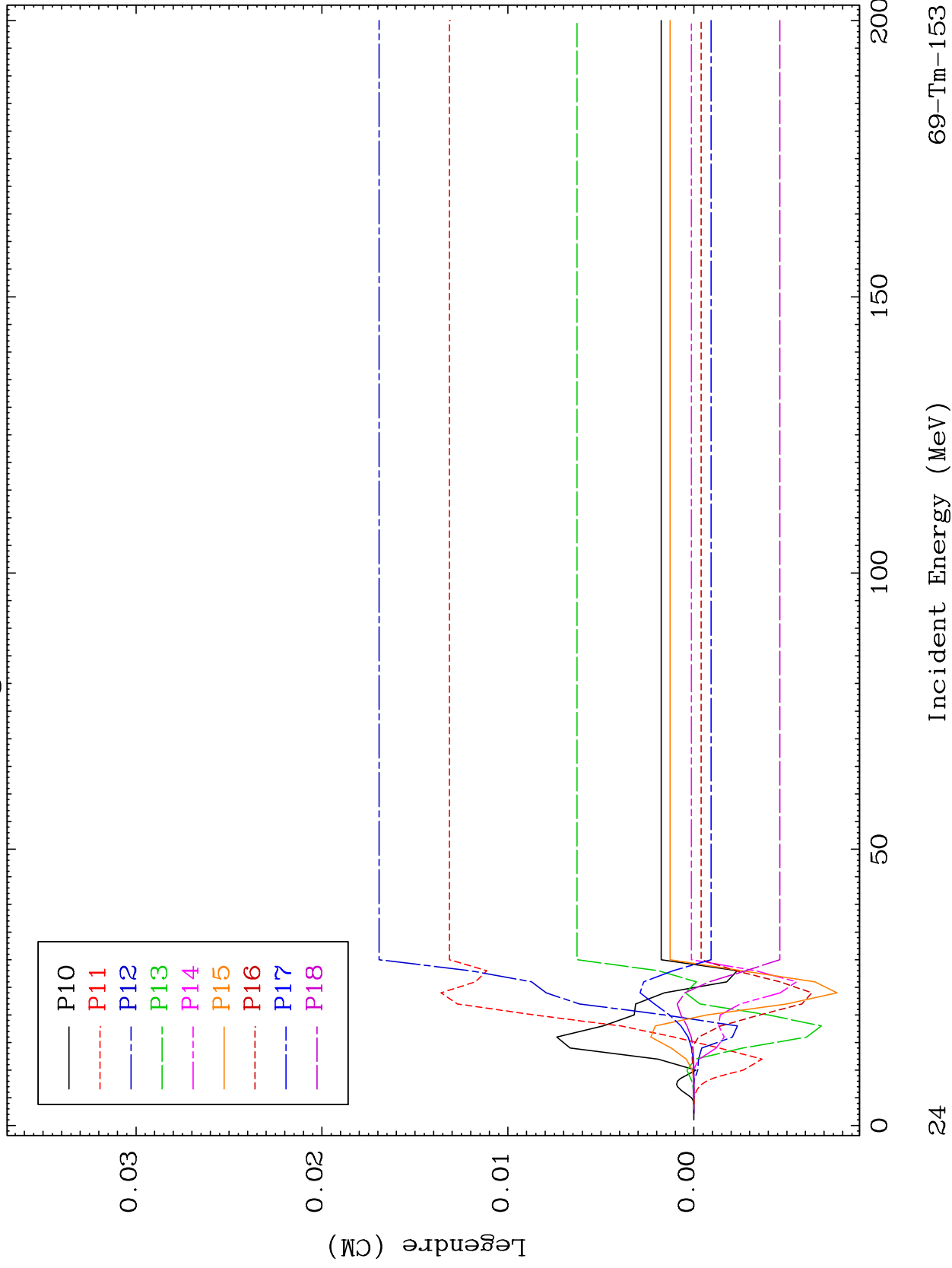
Incident Energy (MeV)

23

MAT 6877

134.9 keV (n, n') Level
Legendre Coefficients

69-Tm-153



24

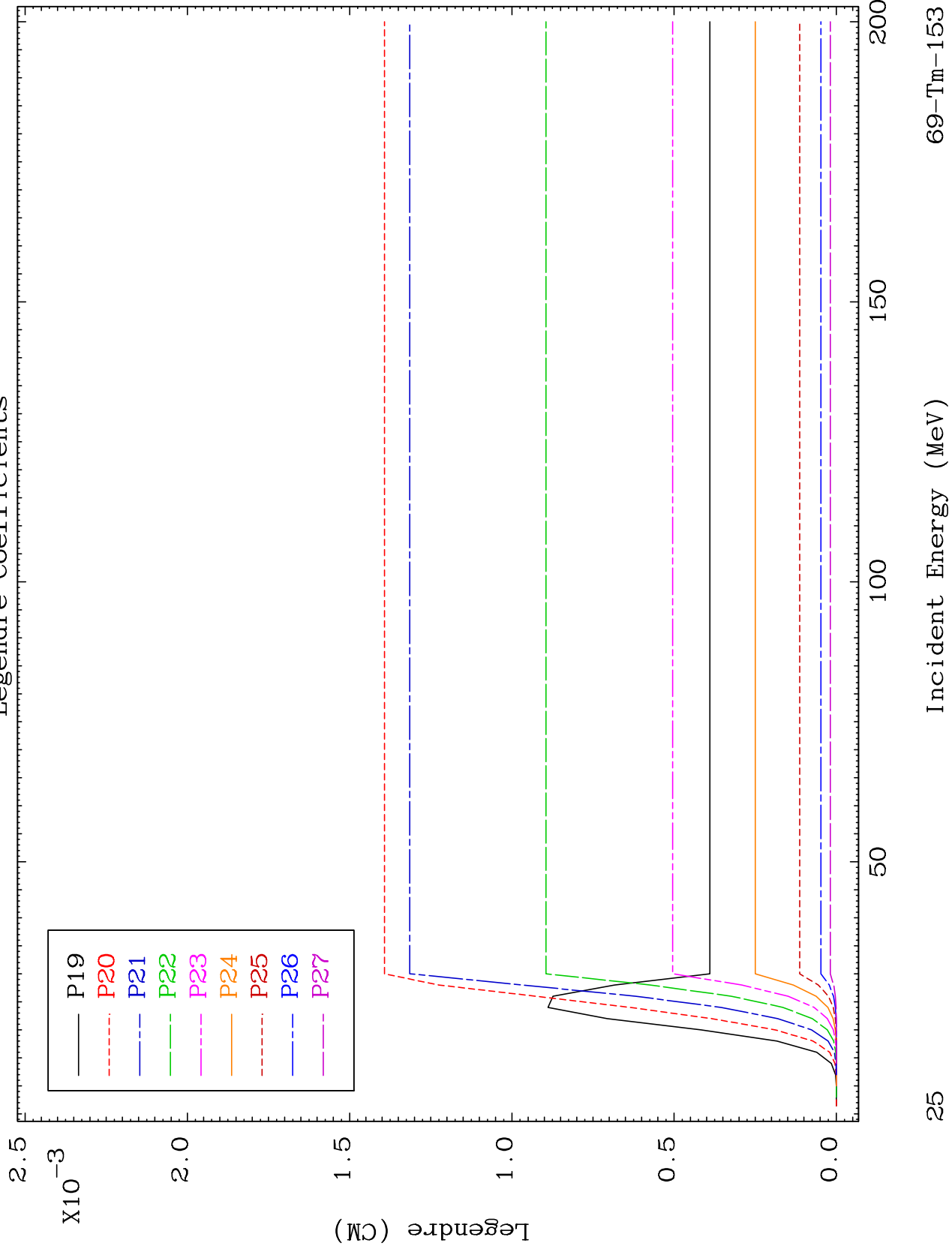
Incident Energy (MeV)

69-Tm-153

MAT 68777

134.9 keV (n, n') Level
Legendre Coefficients

69-Tm-153



25

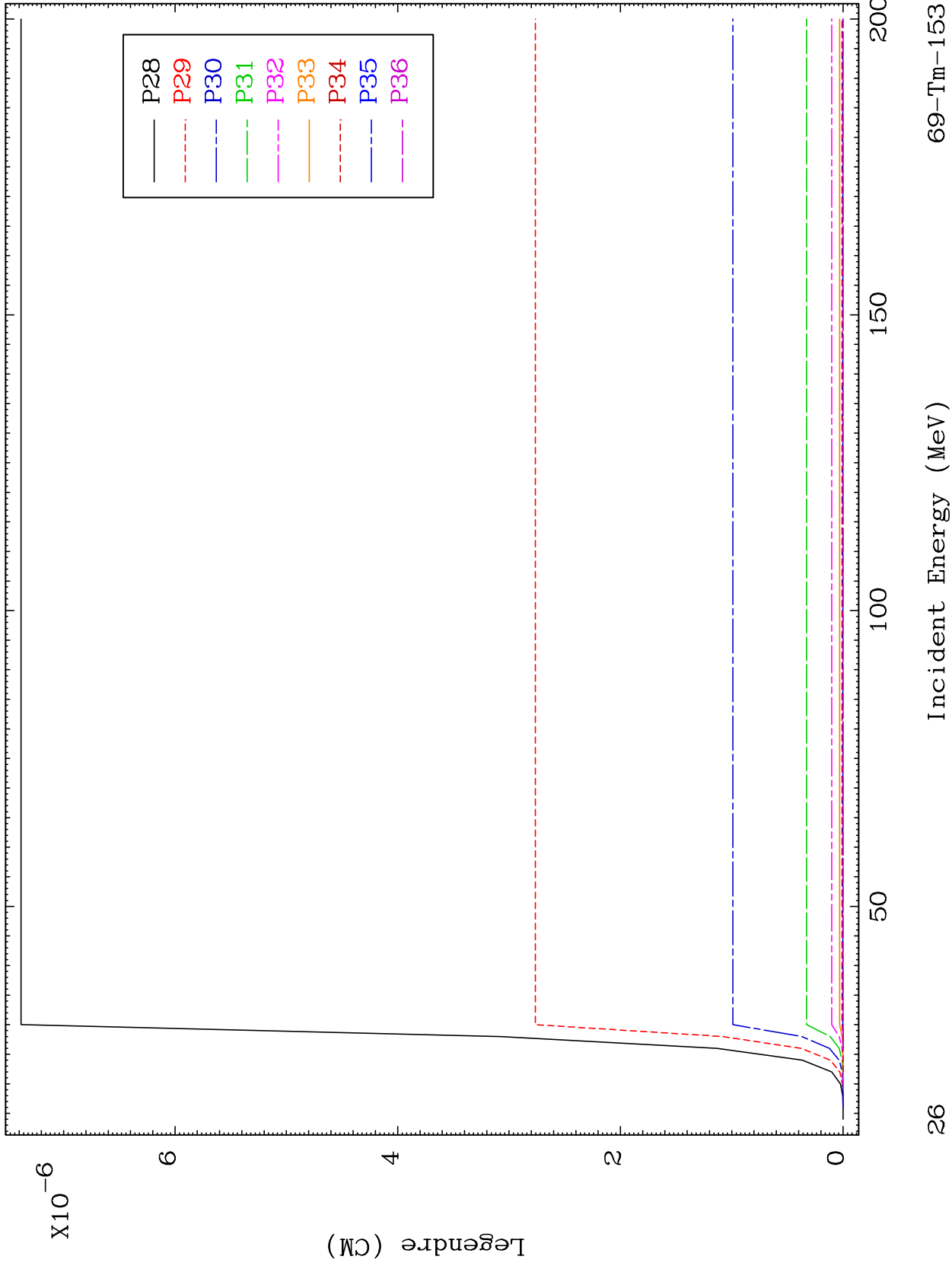
Incident Energy (MeV)

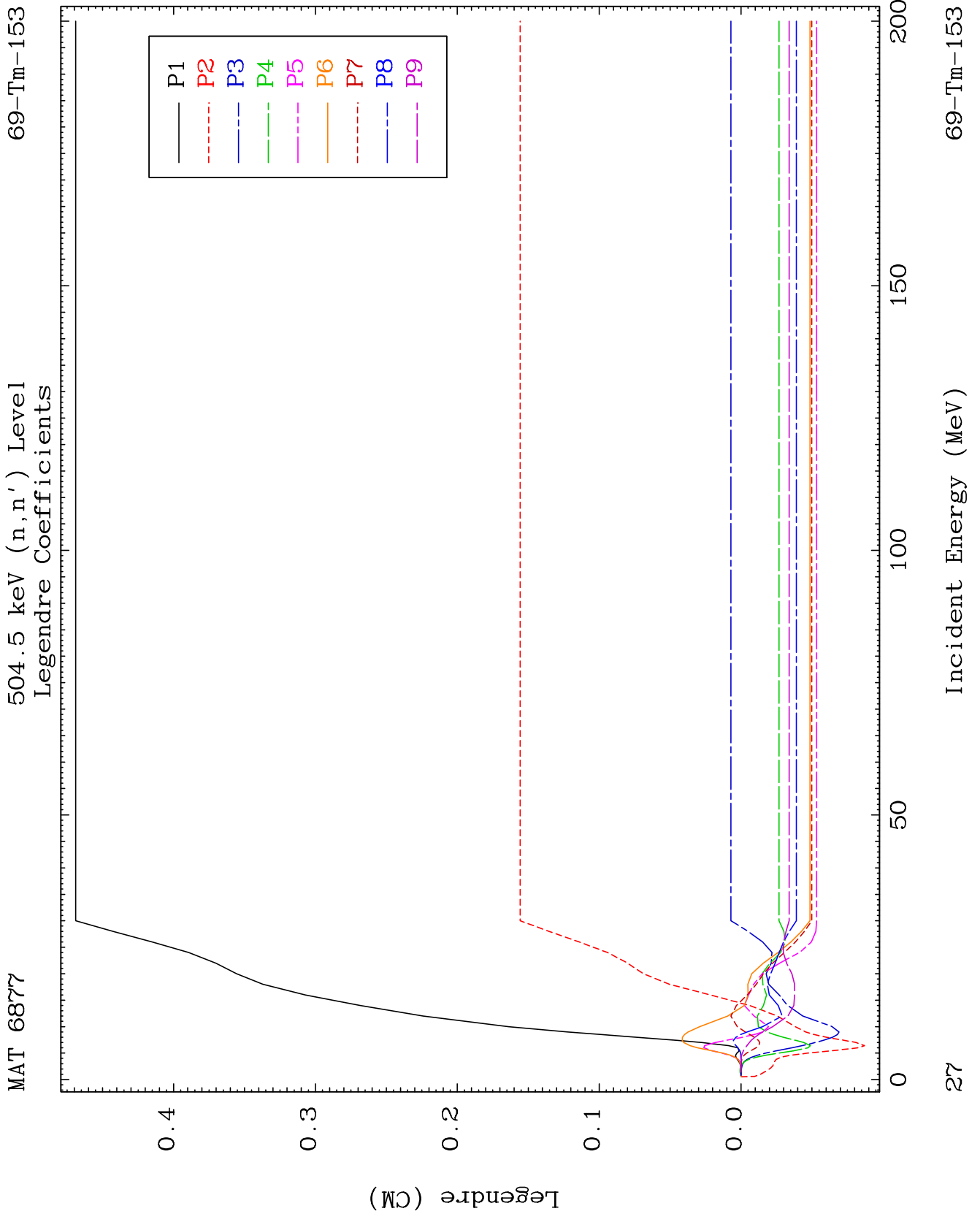
69-Tm-153

MAT 6877

134.9 keV (n,n') Level
Legendre Coefficients

69-Tm-153

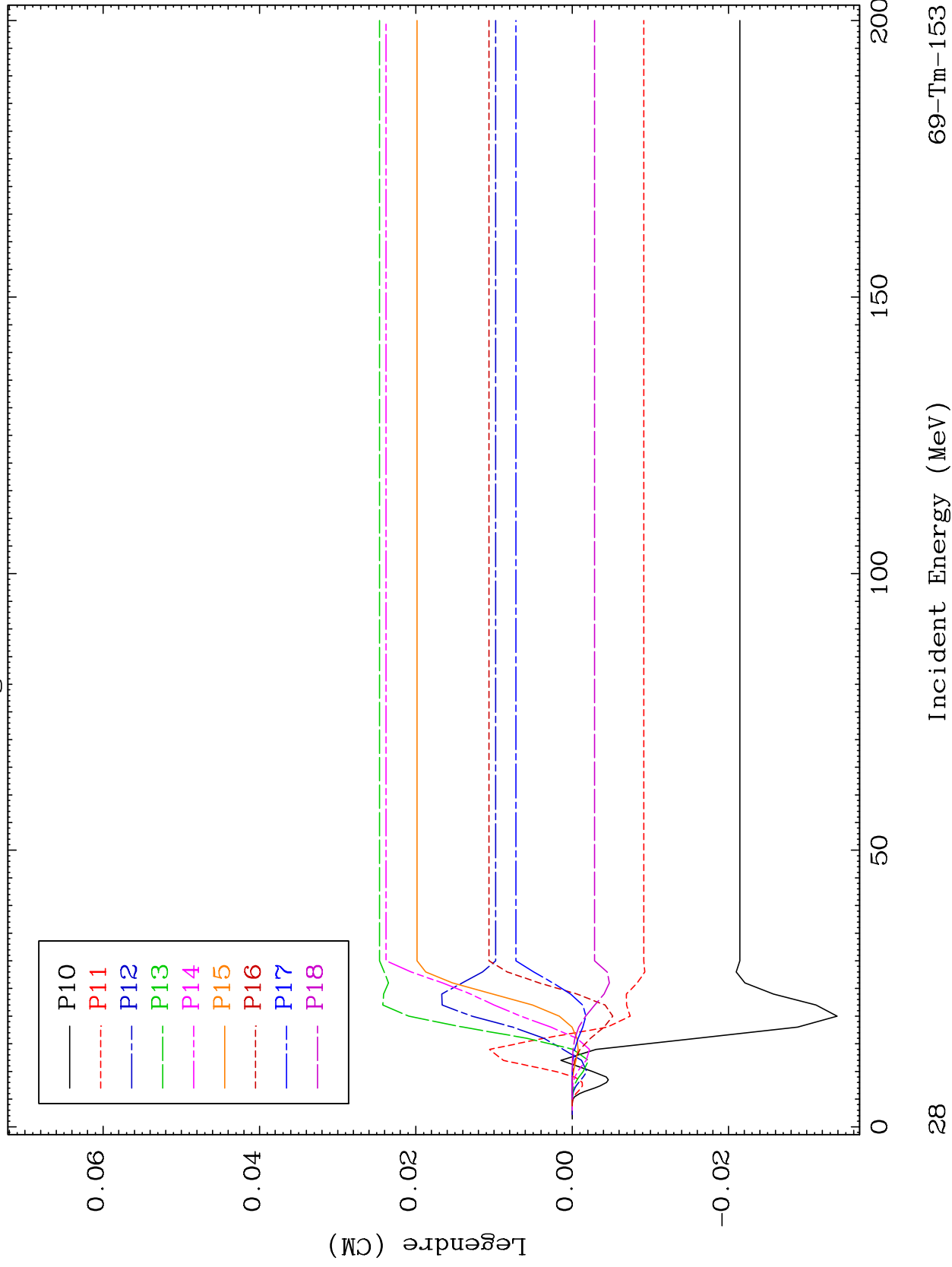


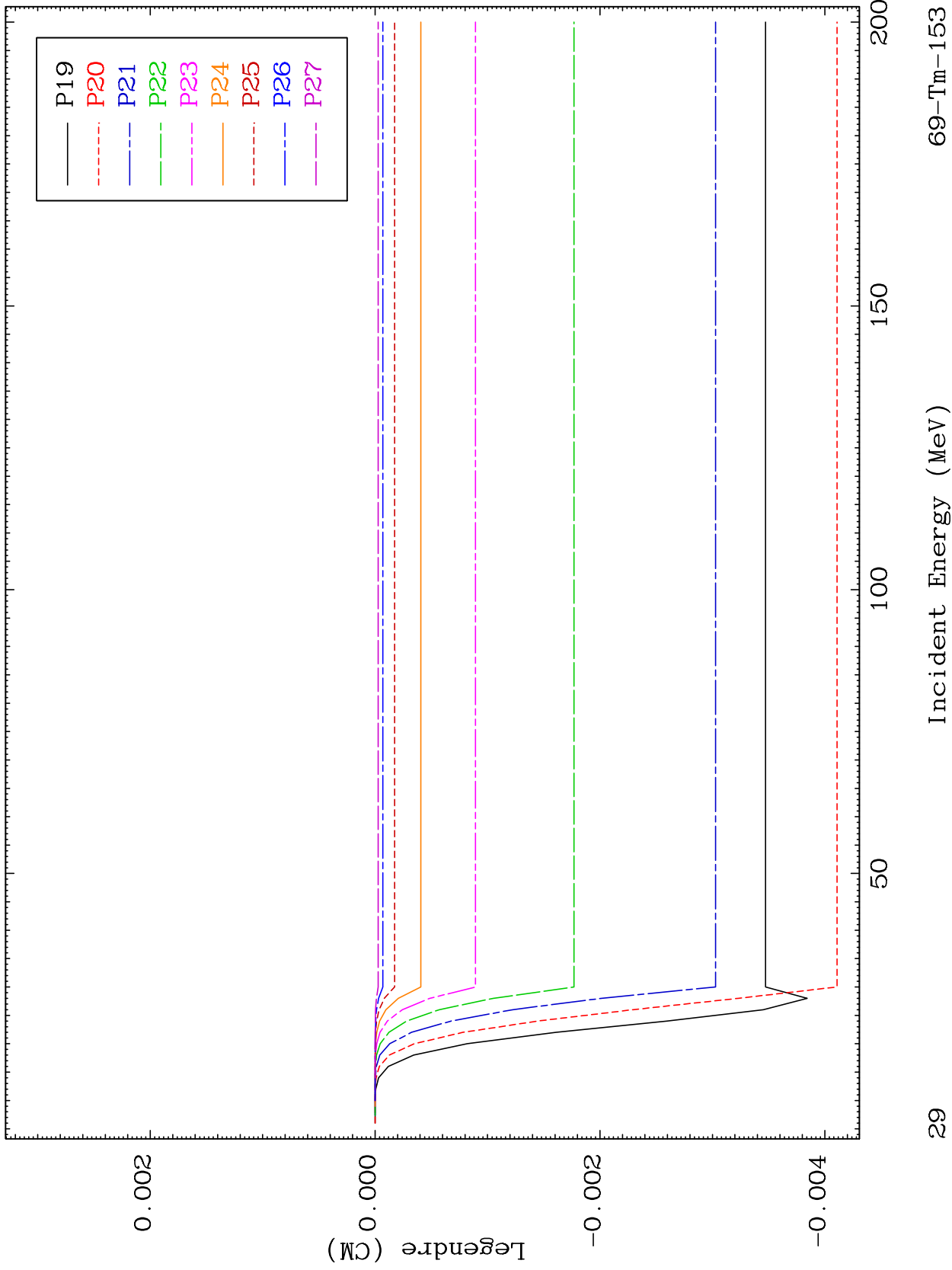


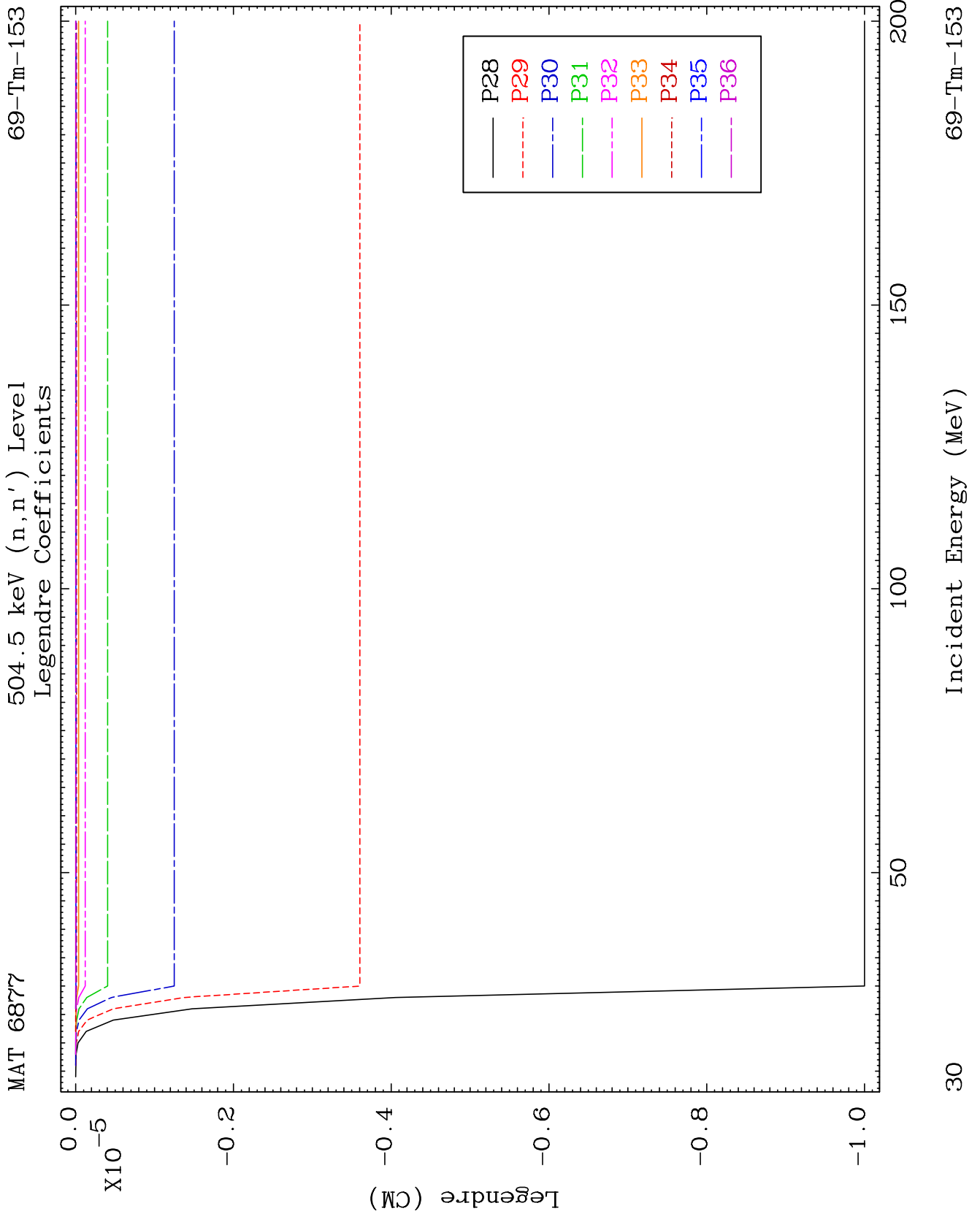
MAT 68777

504.5 keV (n, n') Level
Legendre Coefficients

69-Tm-153



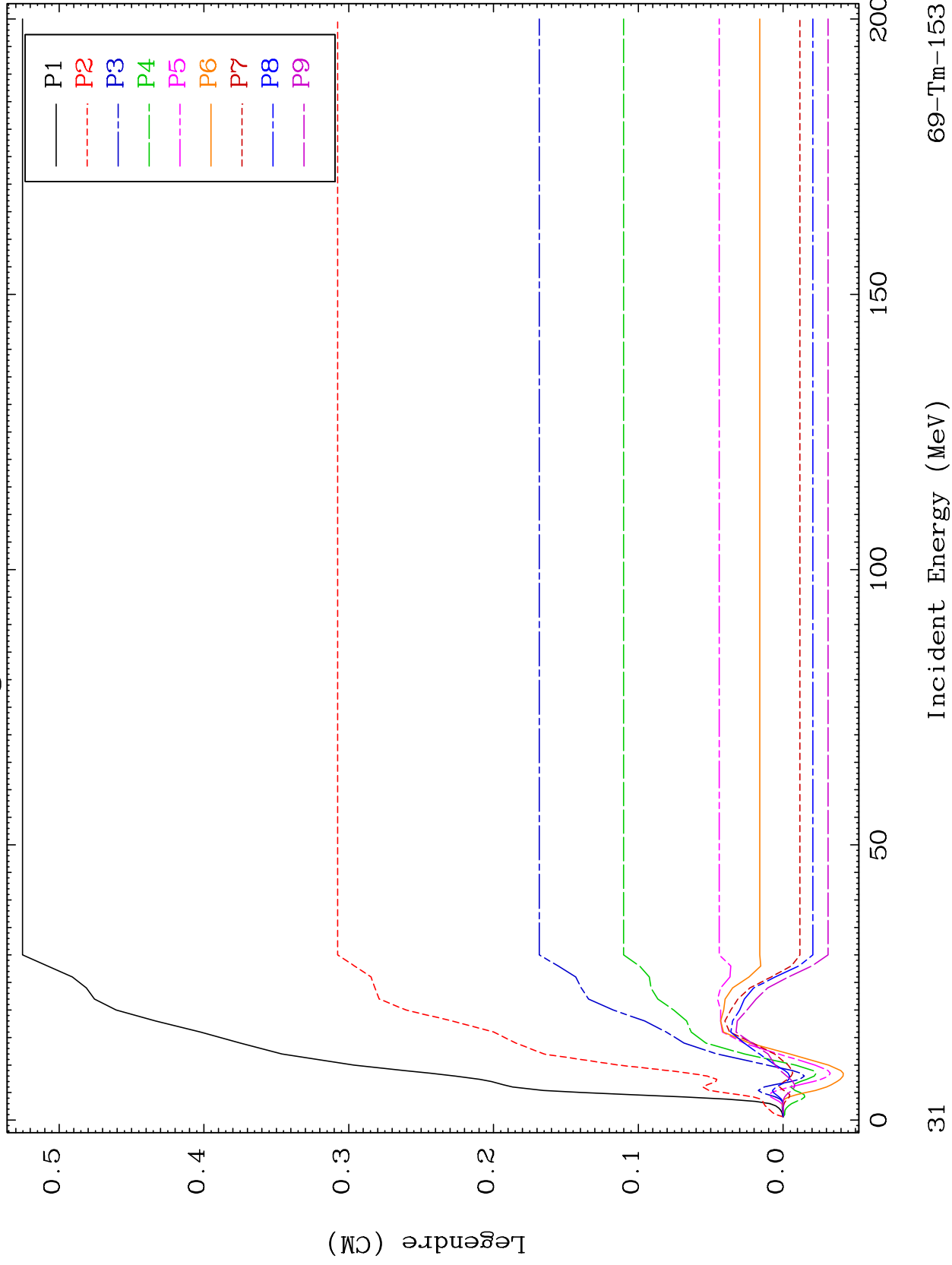




MAT 6877

547.4 keV (n,n') Level
Legendre Coefficients

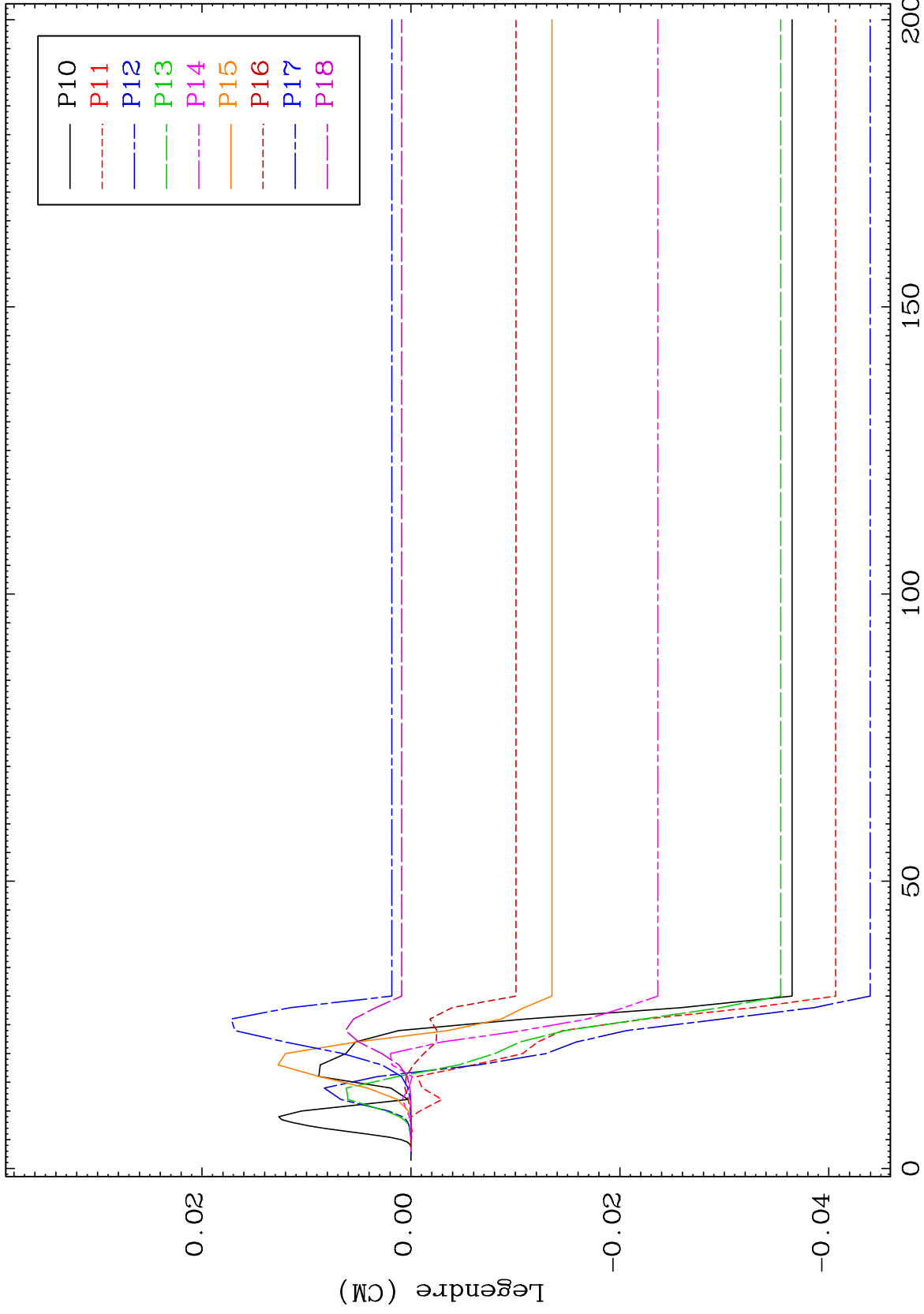
69-Tm-153



MAT 6877

547.4 keV (n,n') Level
Legendre Coefficients

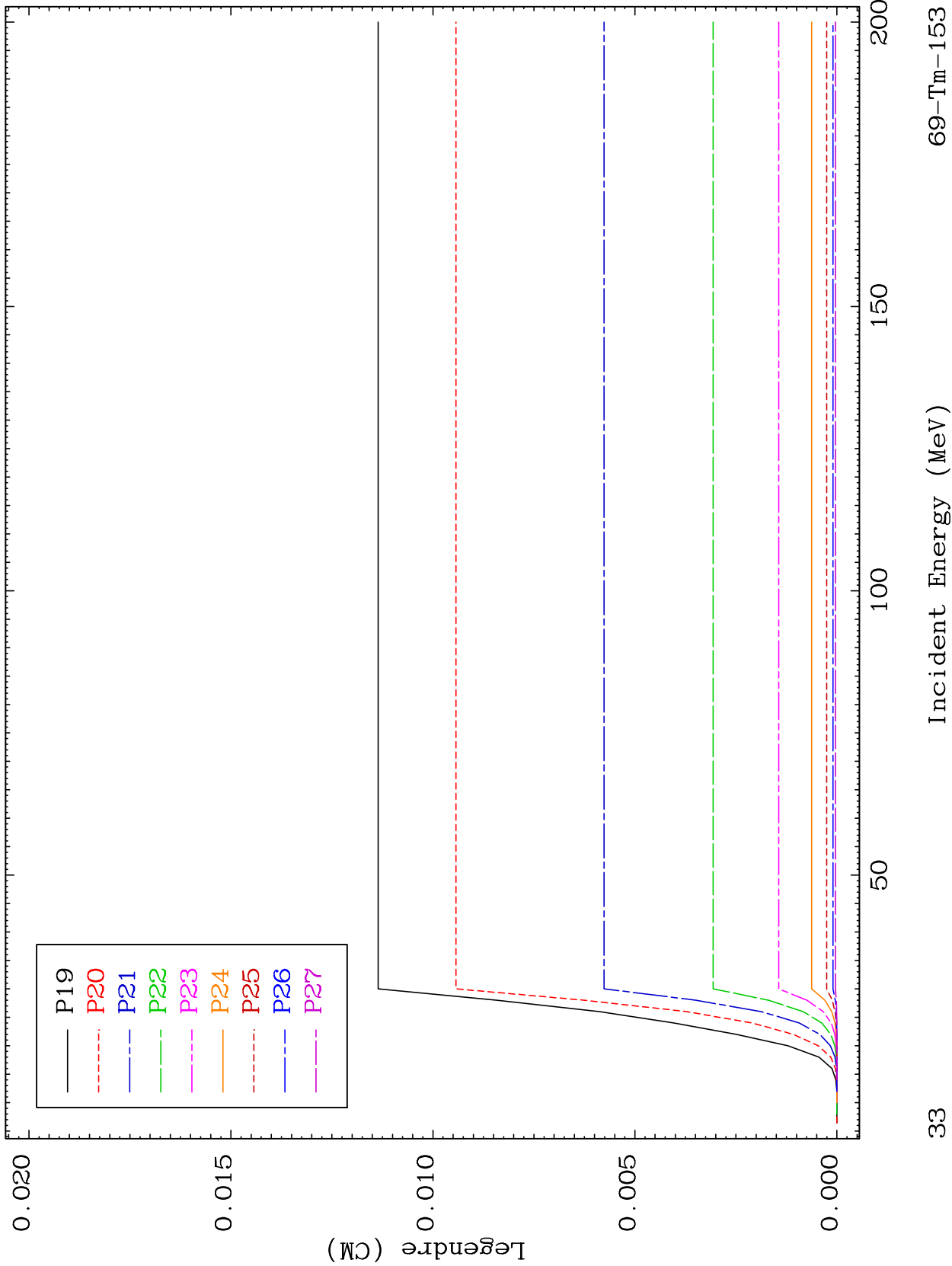
69-Tm-153



32

Incident Energy (MeV)

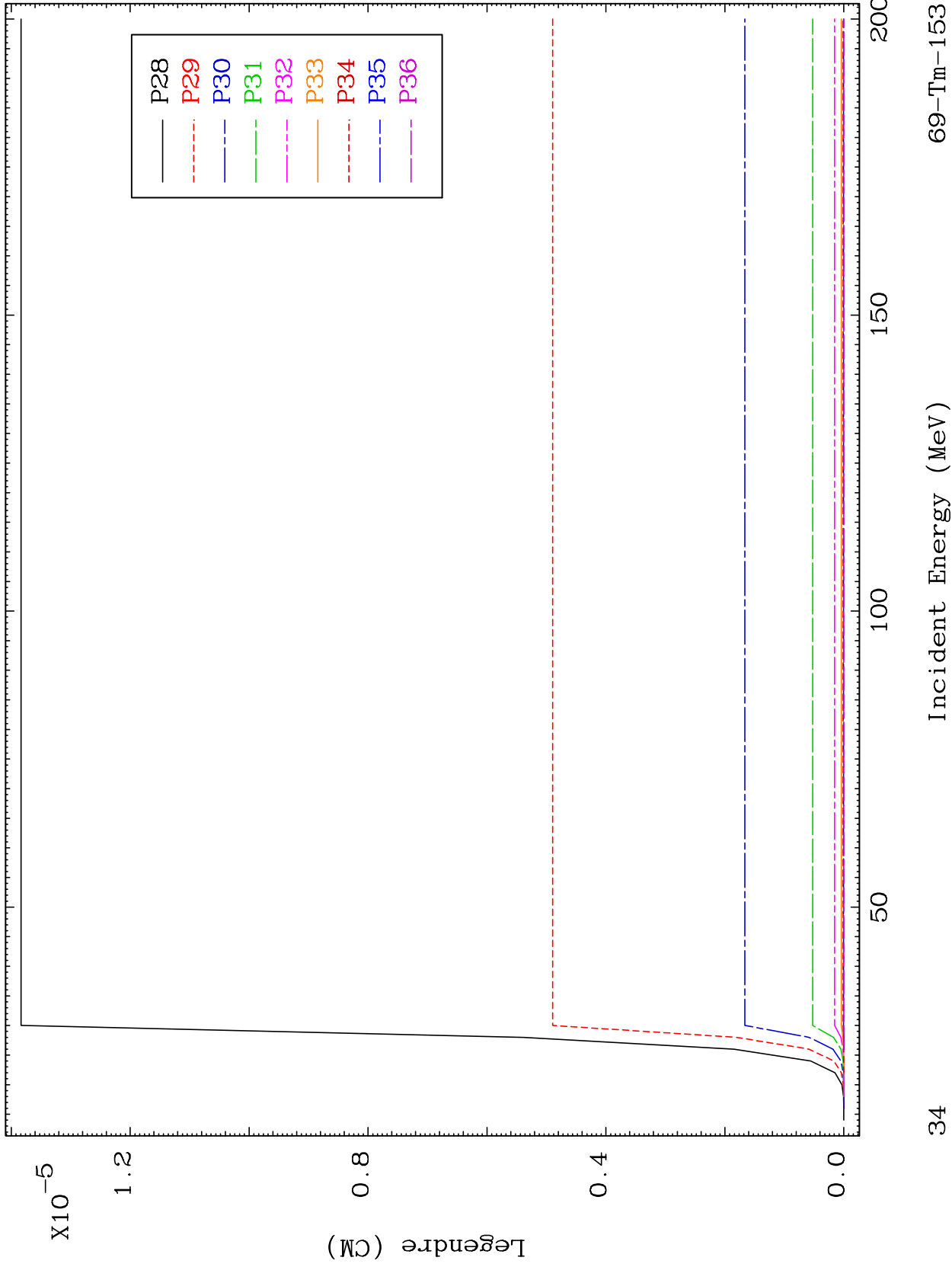
69-Tm-153



MAT 6877

547.4 keV (n,n') Level
Legendre Coefficients

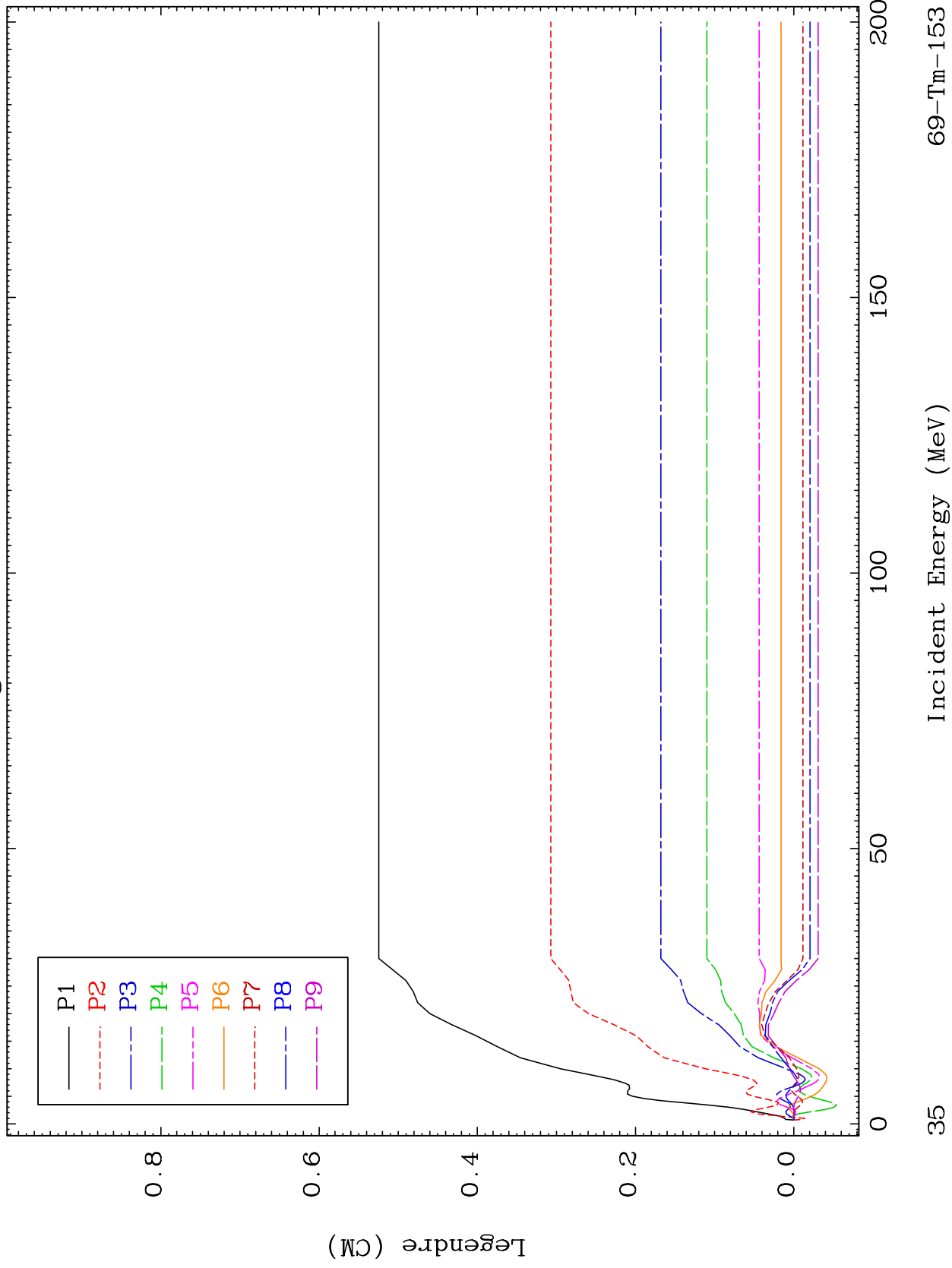
69-Tm-153



MAT 6877

674.1 keV (n,n') Level
Legendre Coefficients

69-Tm-153



69-Tm-153

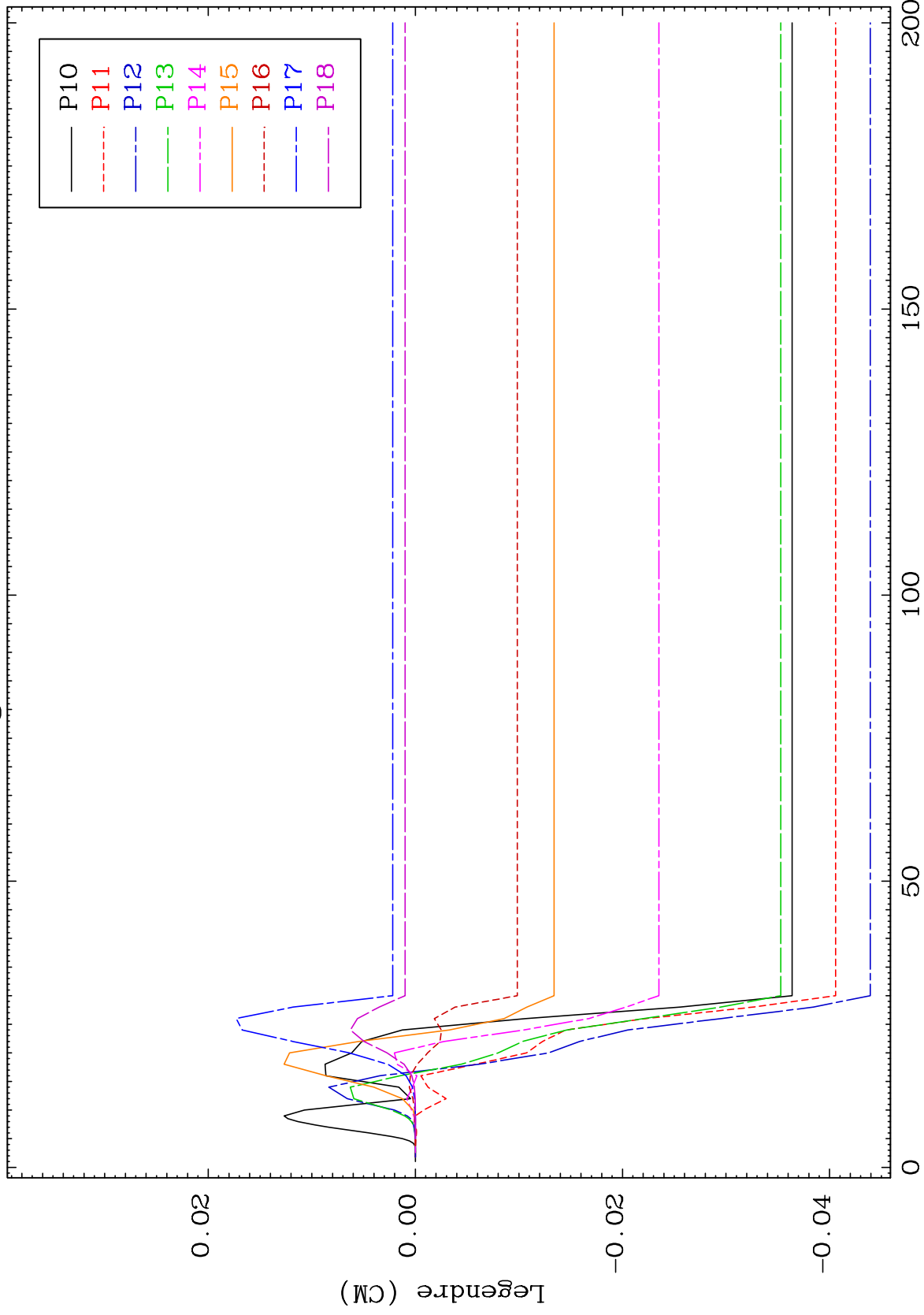
Incident Energy (MeV)

35

MAT 6877

674.1 keV (n,n') Level
Legendre Coefficients

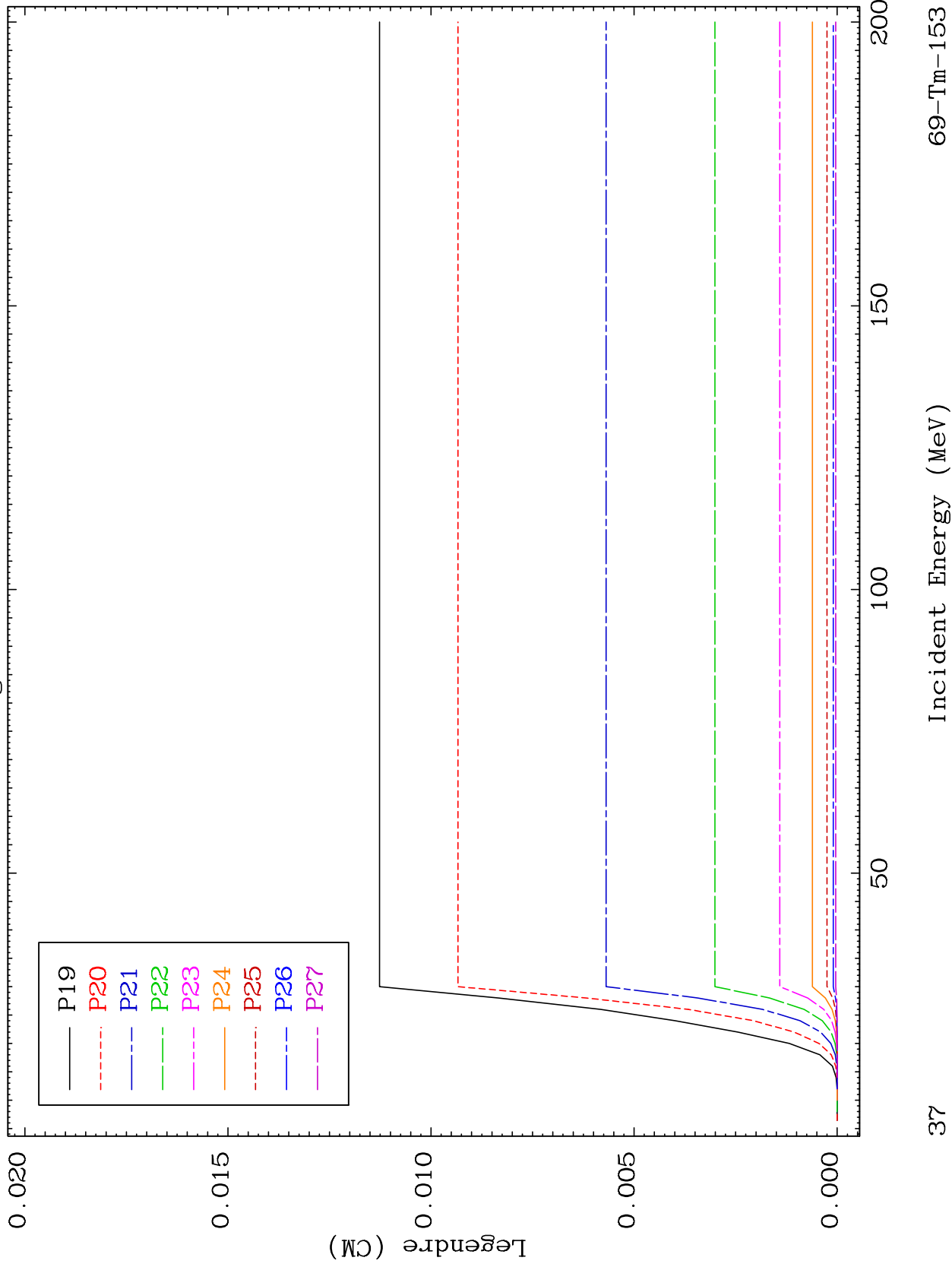
69-Tm-153



36

Incident Energy (MeV)

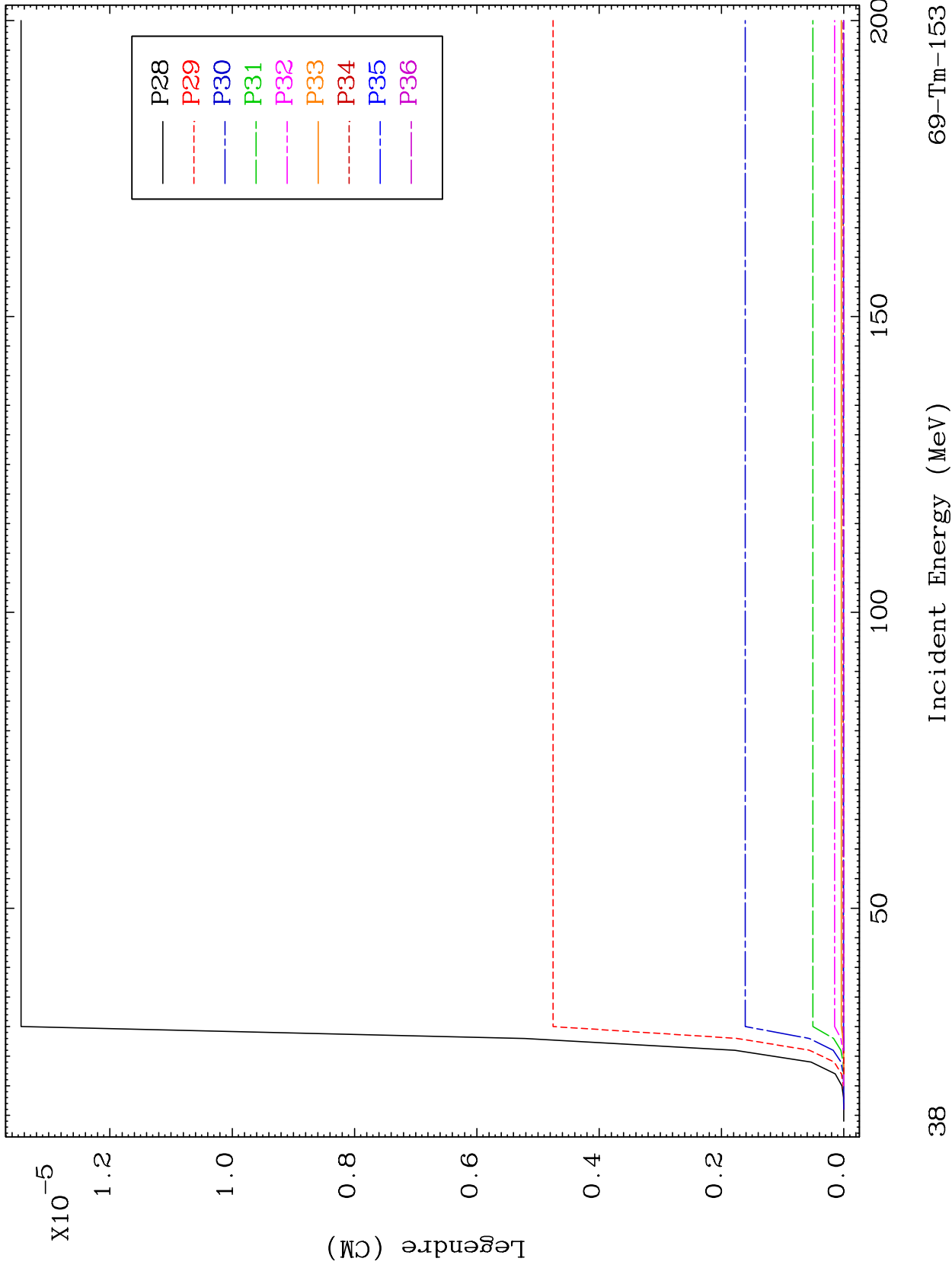
69-Tm-153



MAT 6877

674.1 keV (n,n') Level
Legendre Coefficients

69-Tm-153



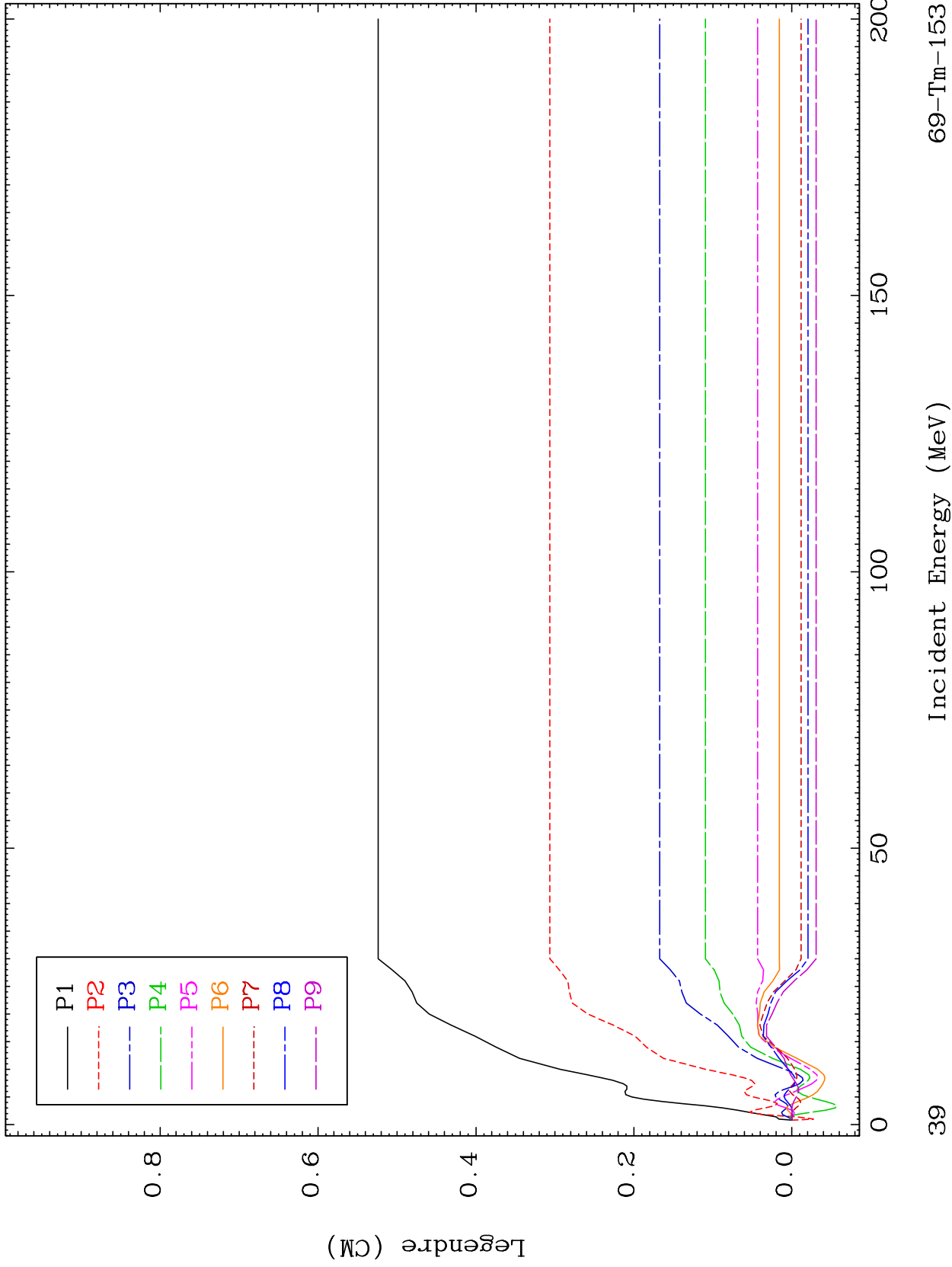
38

69-Tm-153

MAT 6877

790.7 keV (n,n') Level
Legendre Coefficients

69-Tm-153



69-Tm-153

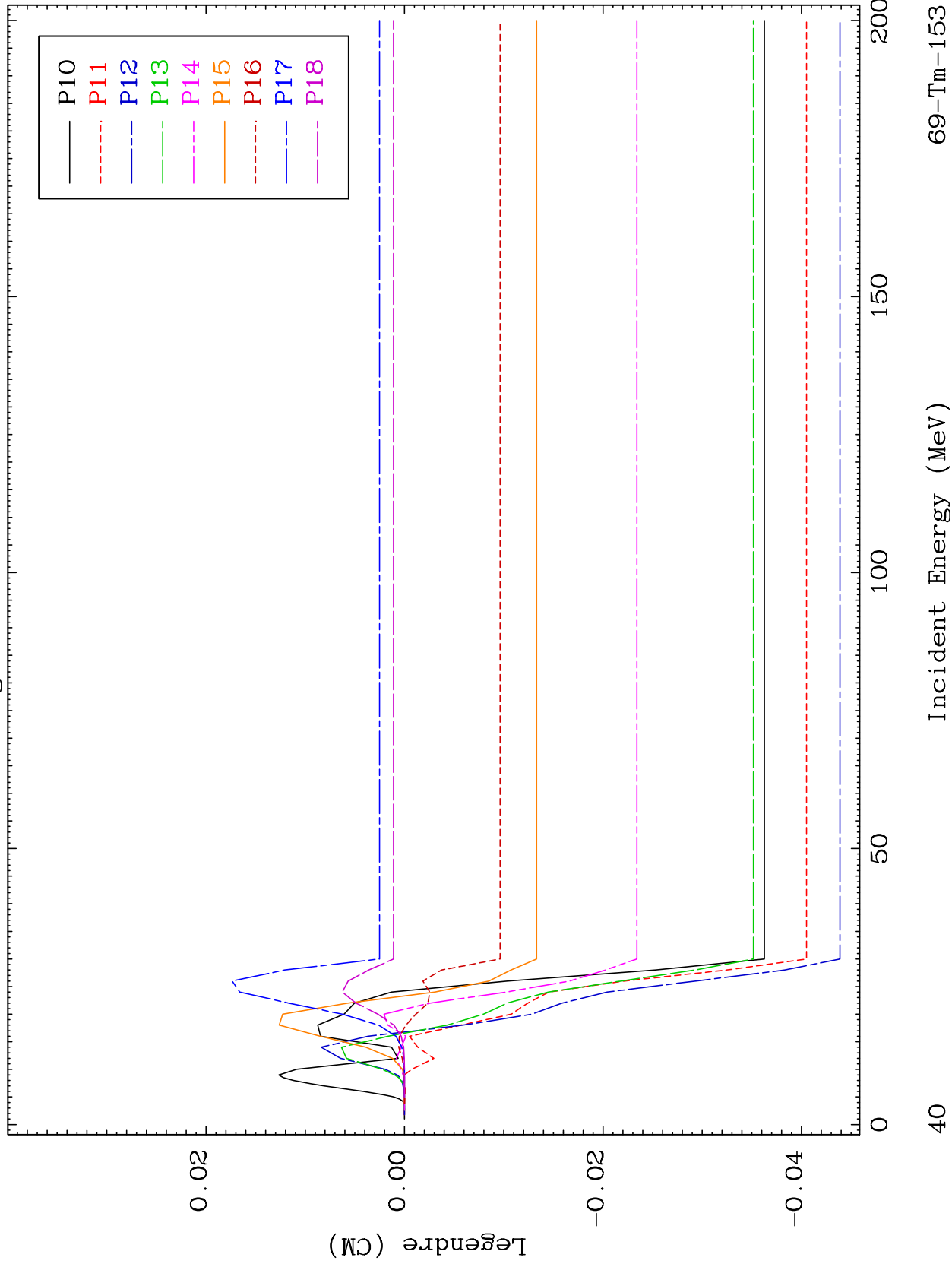
Incident Energy (MeV)

39

MAT 6877

790.7 keV (n,n') Level
Legendre Coefficients

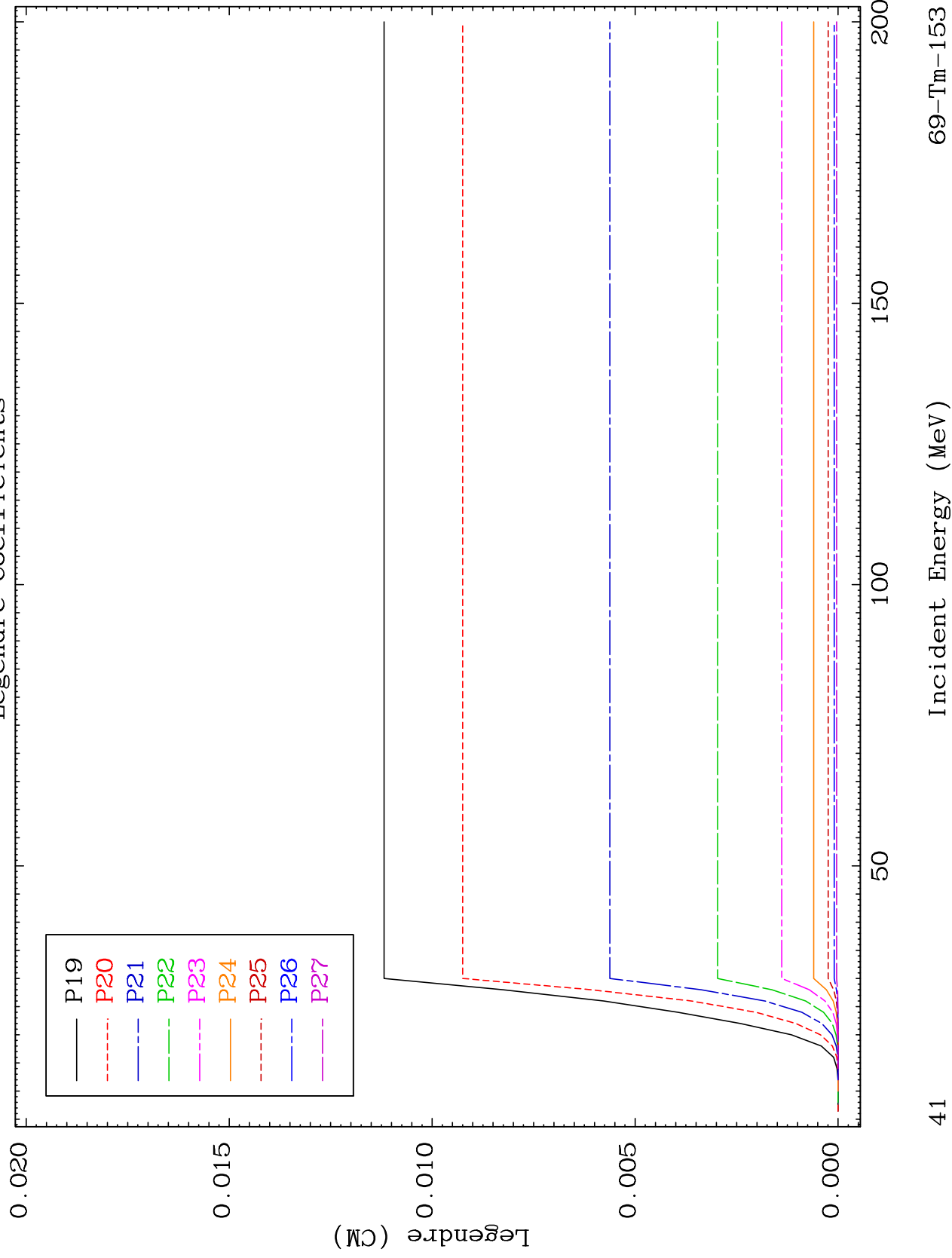
69-Tm-153



69-Tm-153

Incident Energy (MeV)

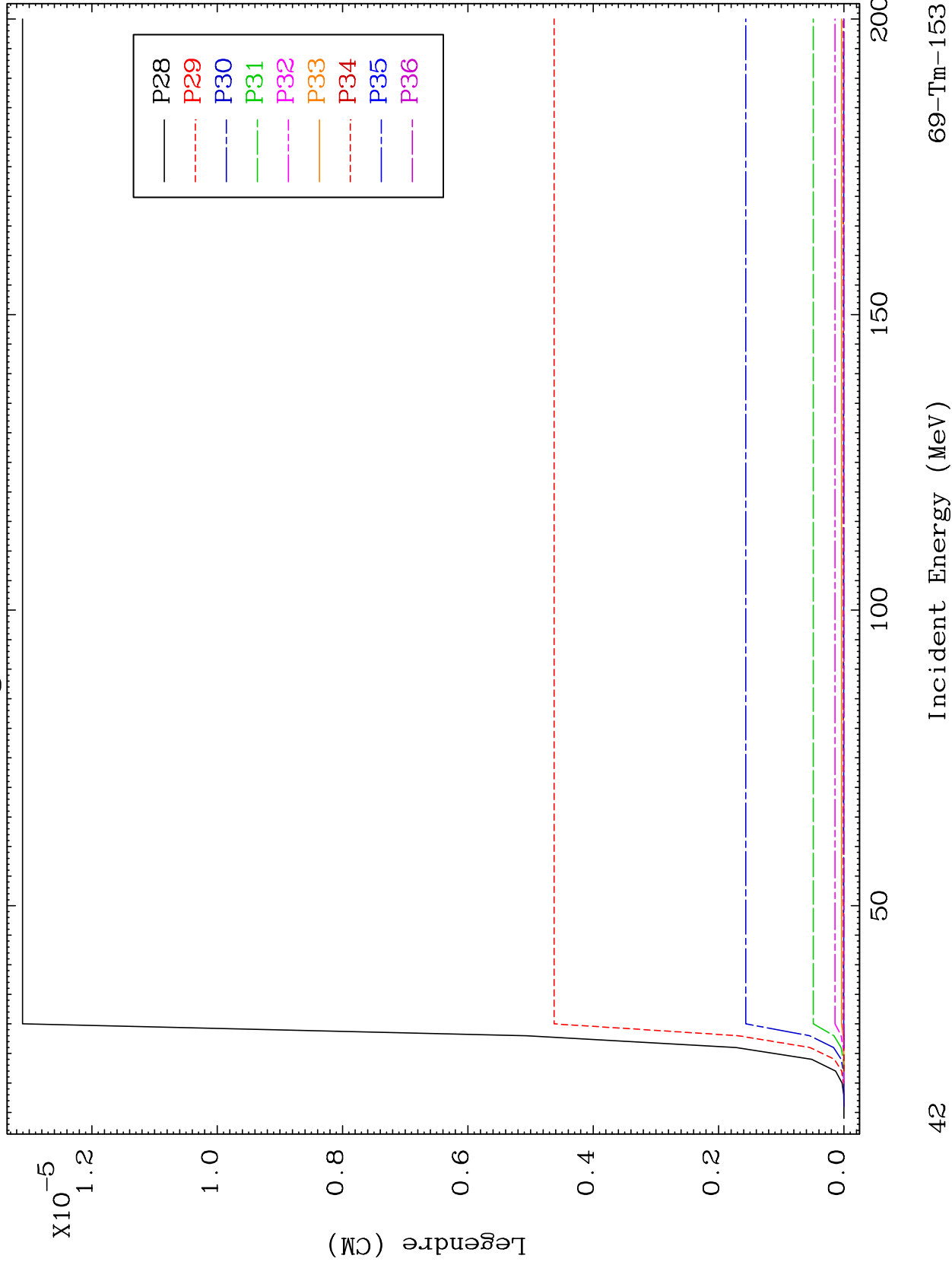
40



MAT 6877

790.7 keV (n,n') Level
Legendre Coefficients

69-Tm-153



42

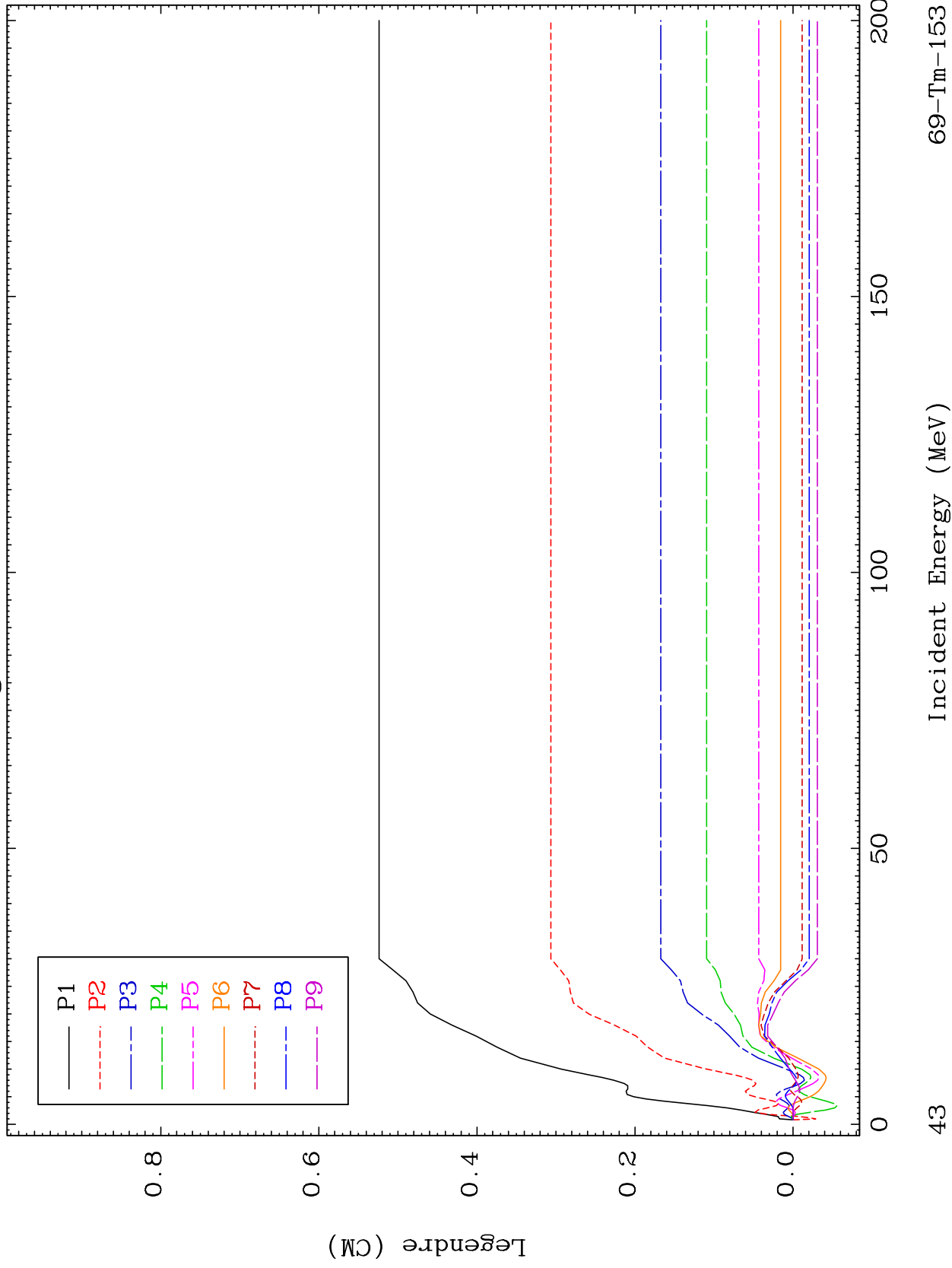
Incident Energy (MeV)

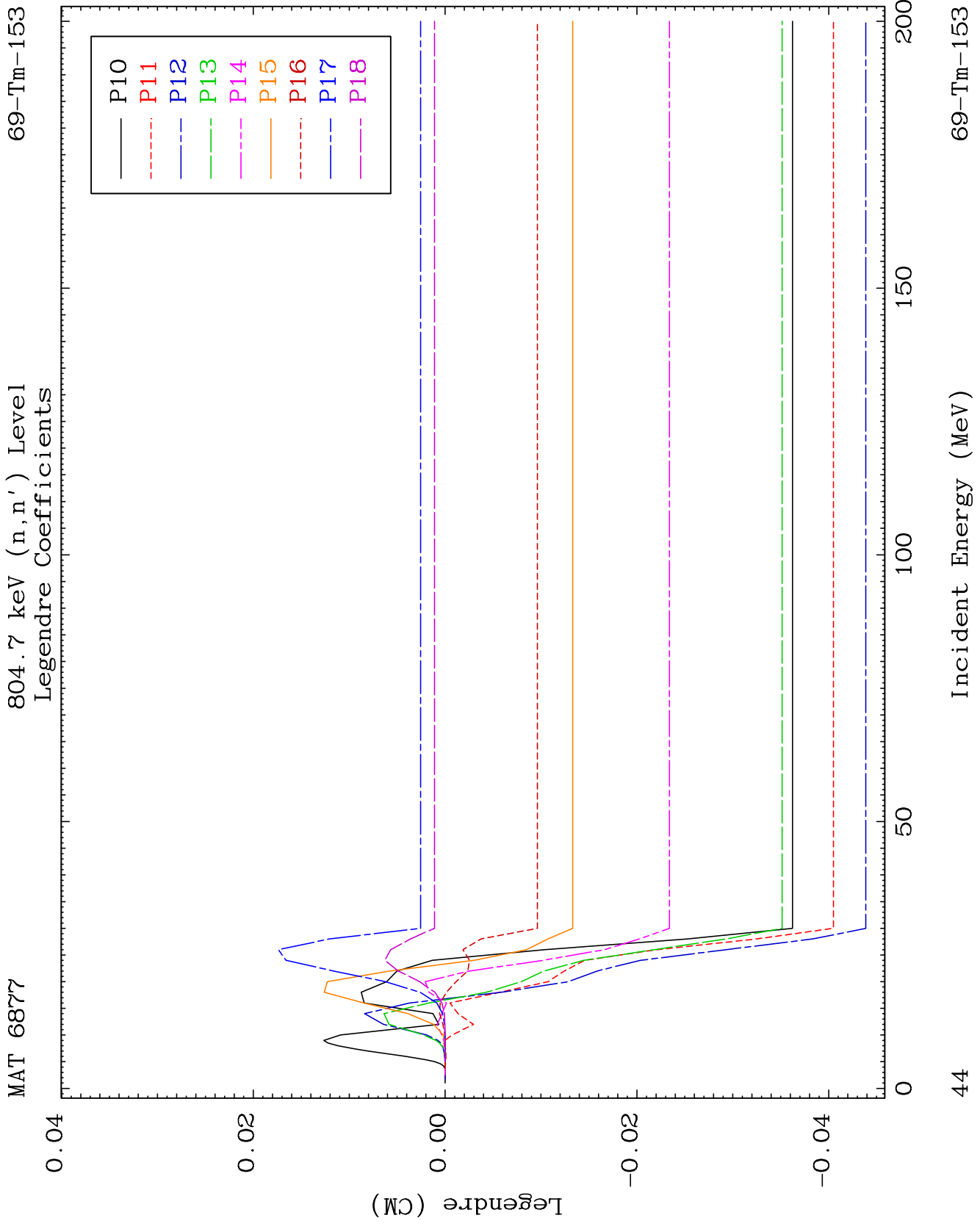
69-Tm-153

MAT 6877

804.7 keV (n,n') Level
Legendre Coefficients

69-Tm-153

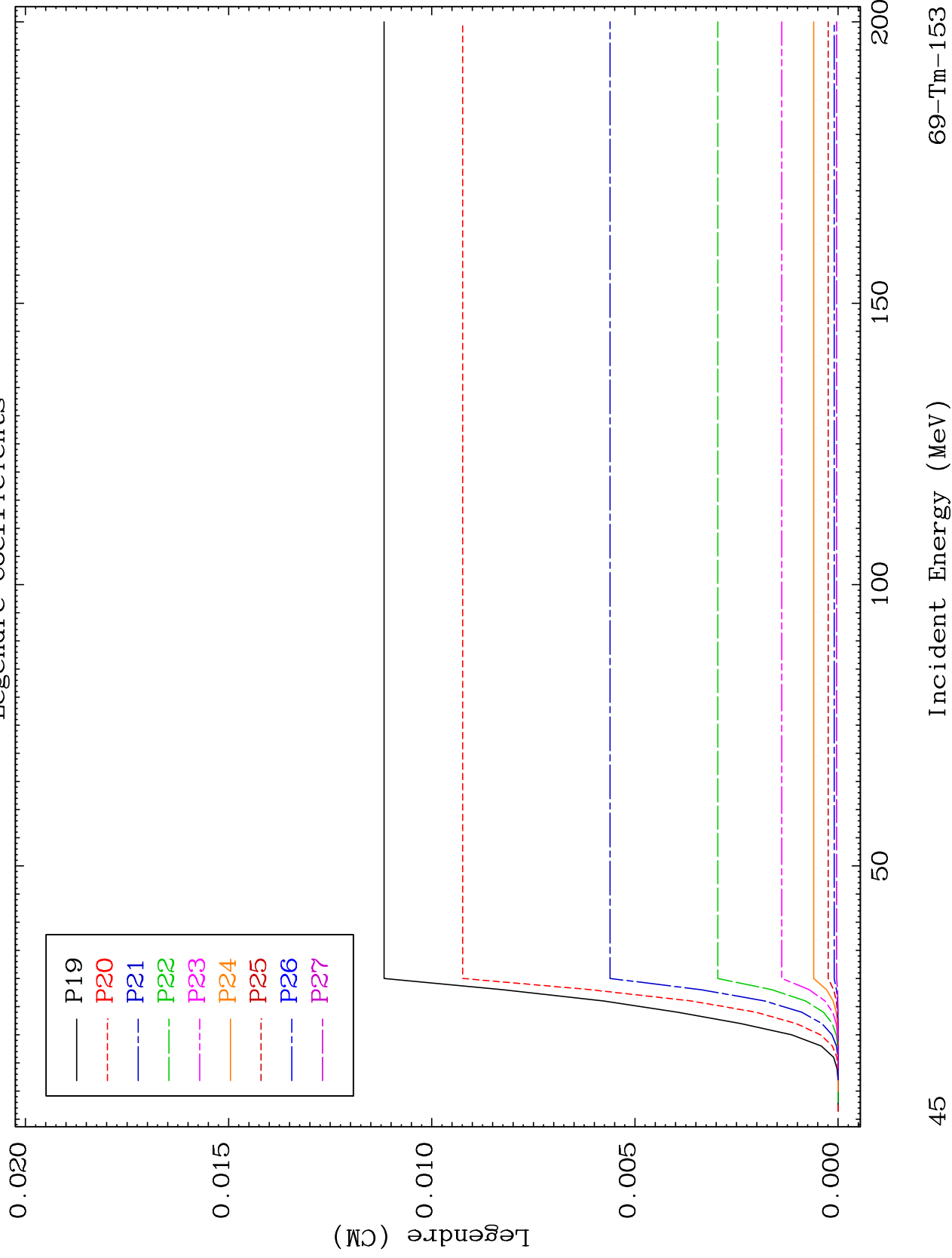




MAT 6877

804.7 keV (n,n') Level
Legendre Coefficients

69-Tm-153



45

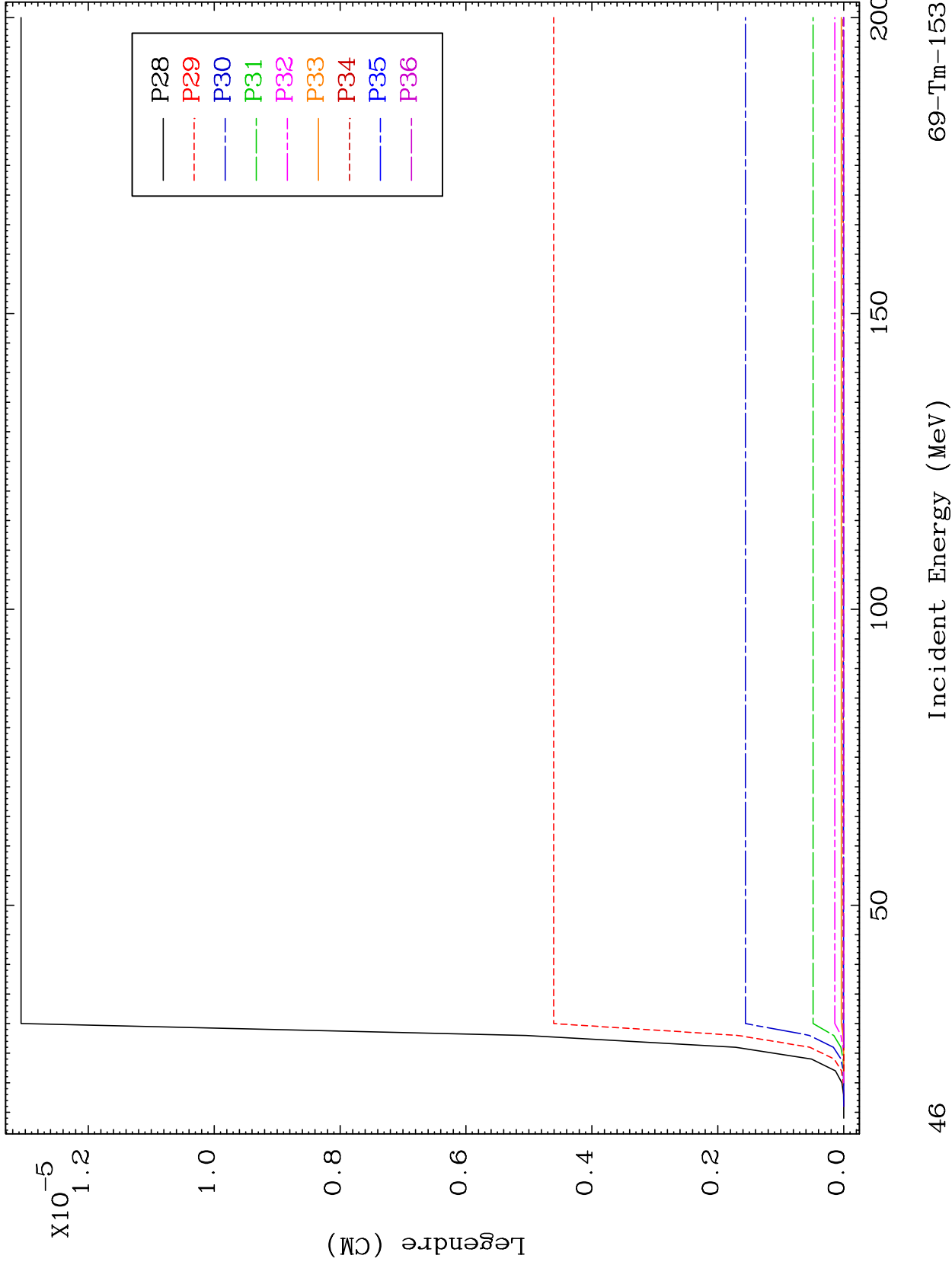
Incident Energy (MeV)

69-Tm-153

MAT 6877

804.7 keV (n,n') Level
Legendre Coefficients

69-Tm-153



46

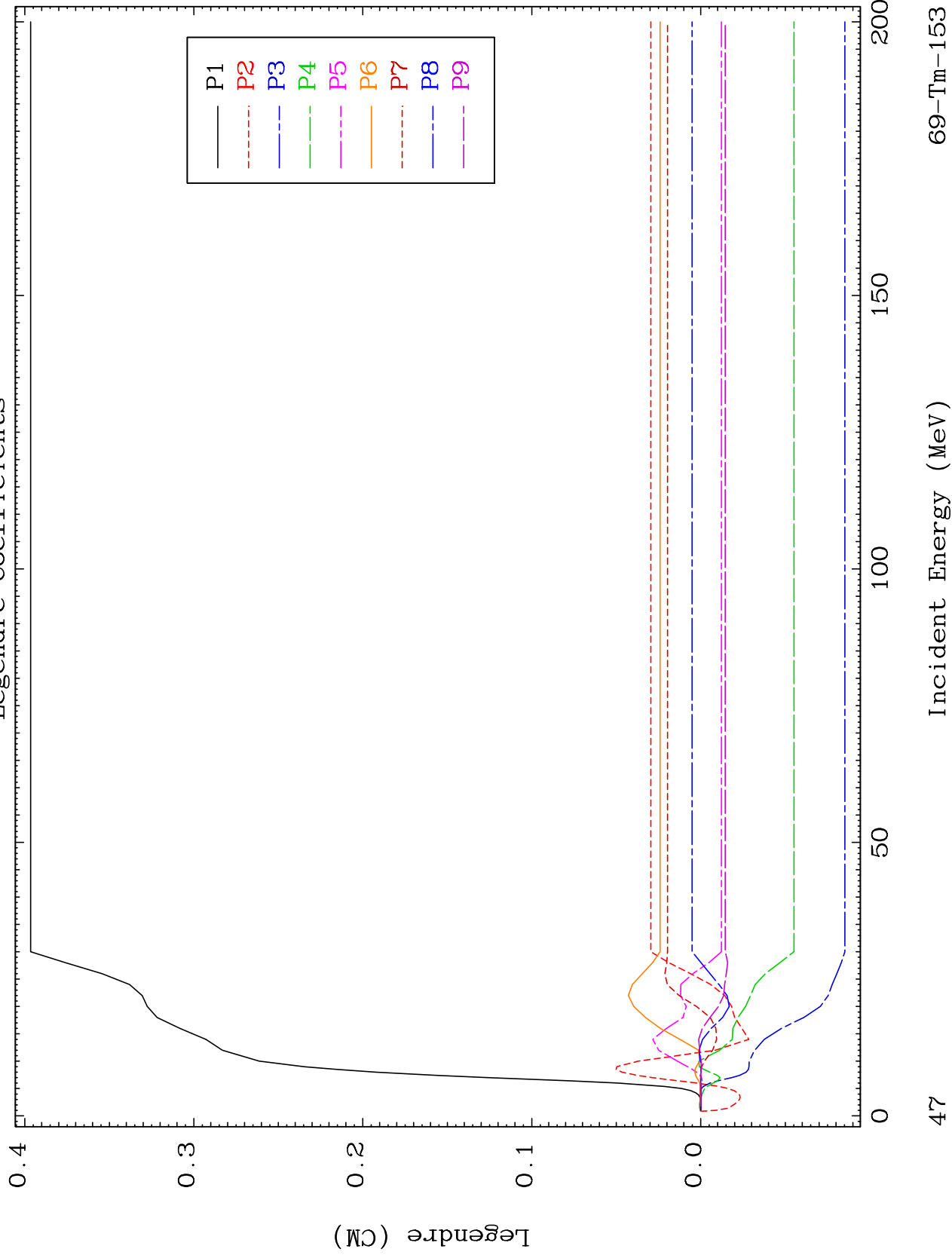
Incident Energy (MeV)

69-Tm-153

MAT 6877

843.3 keV (n,n') Level
Legendre Coefficients

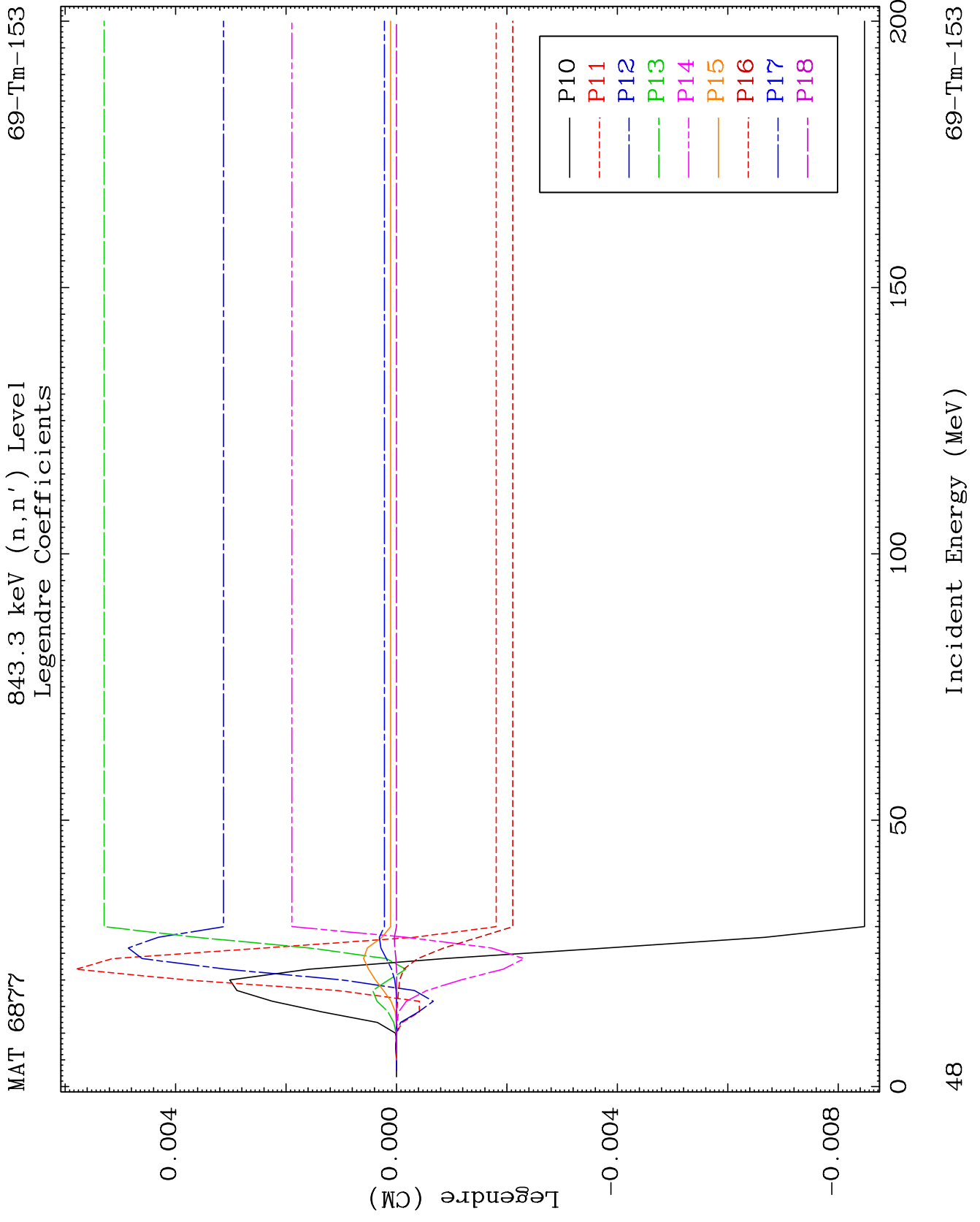
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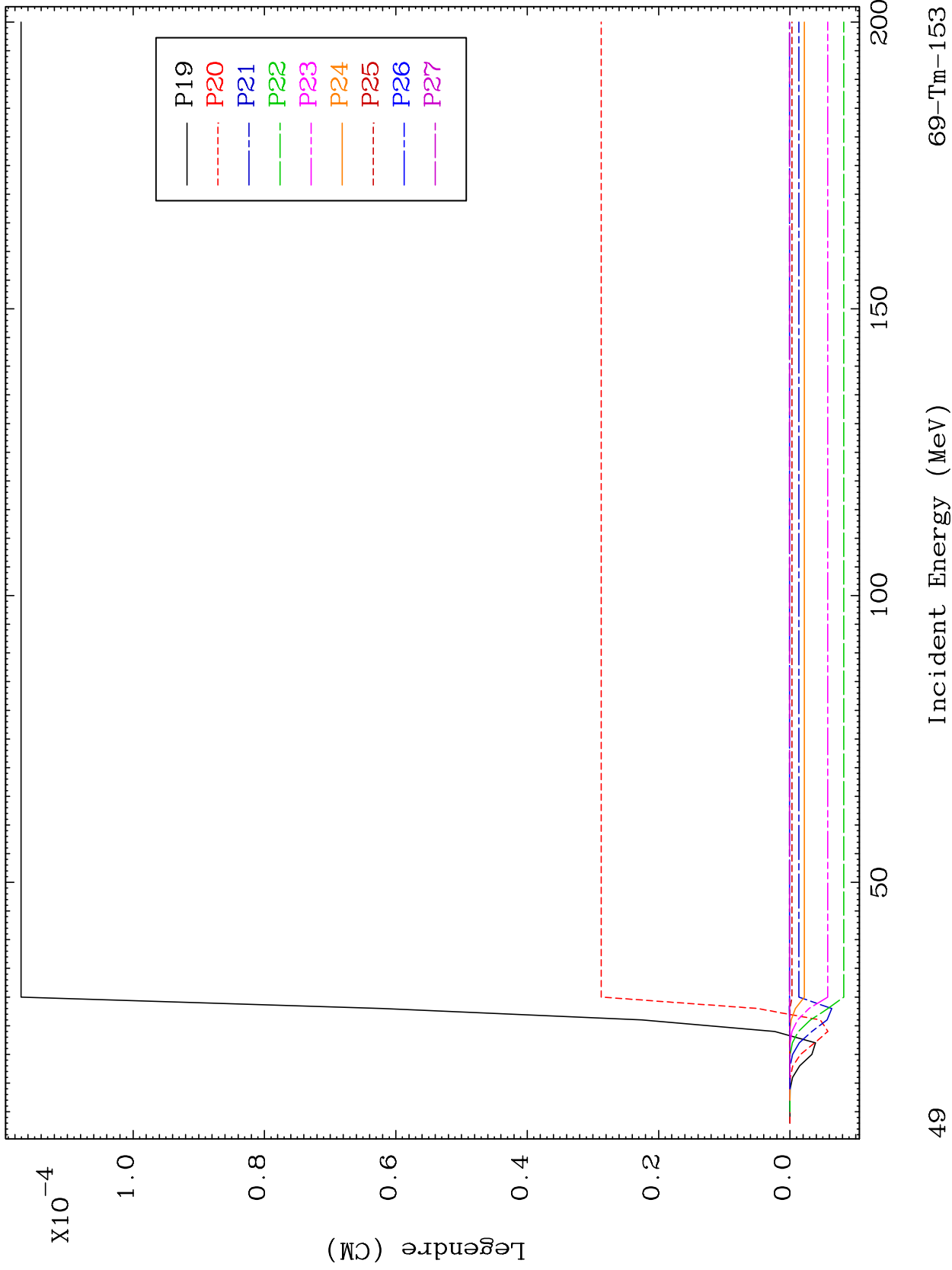


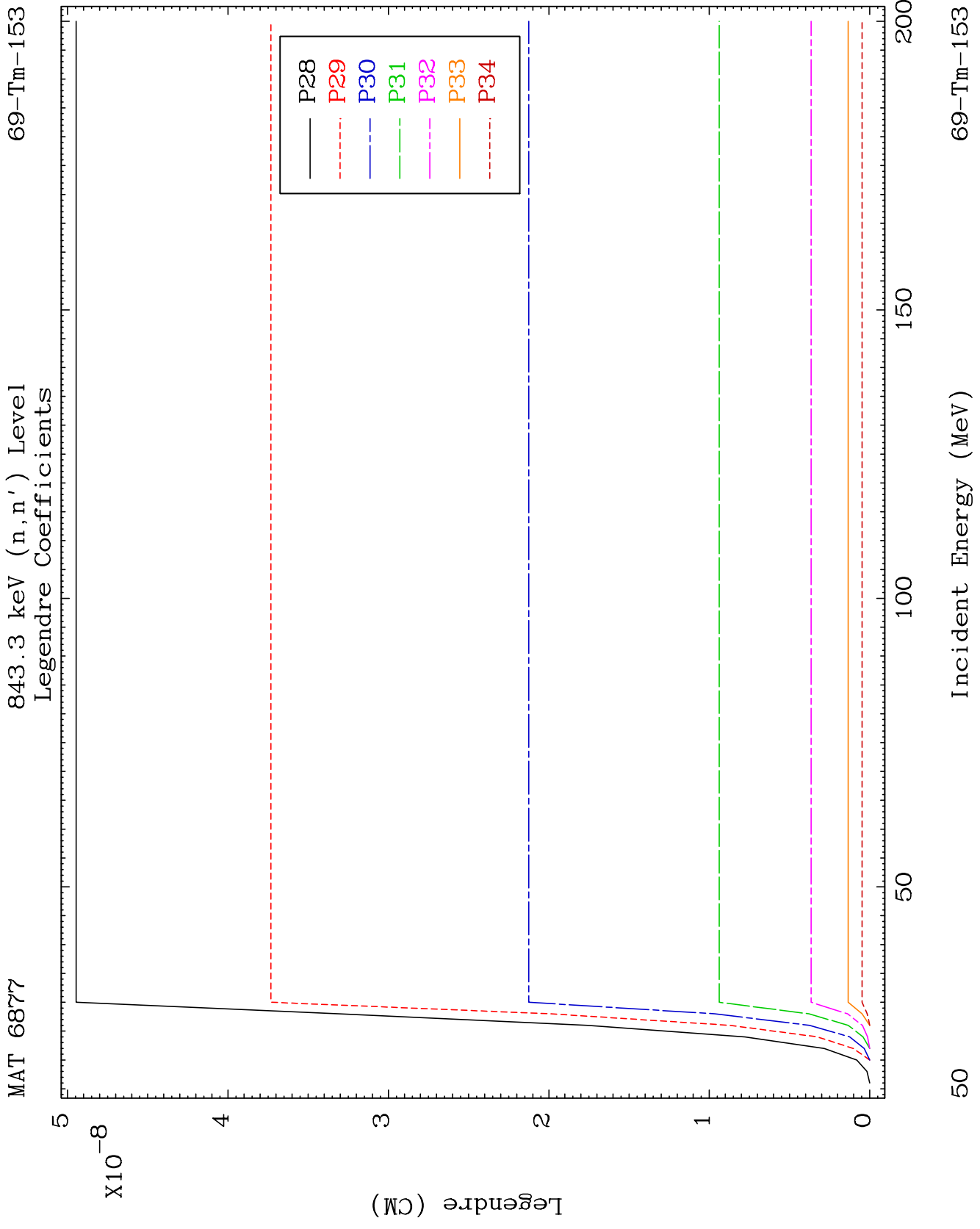
47

Incident Energy (MeV)

69-Tm-153



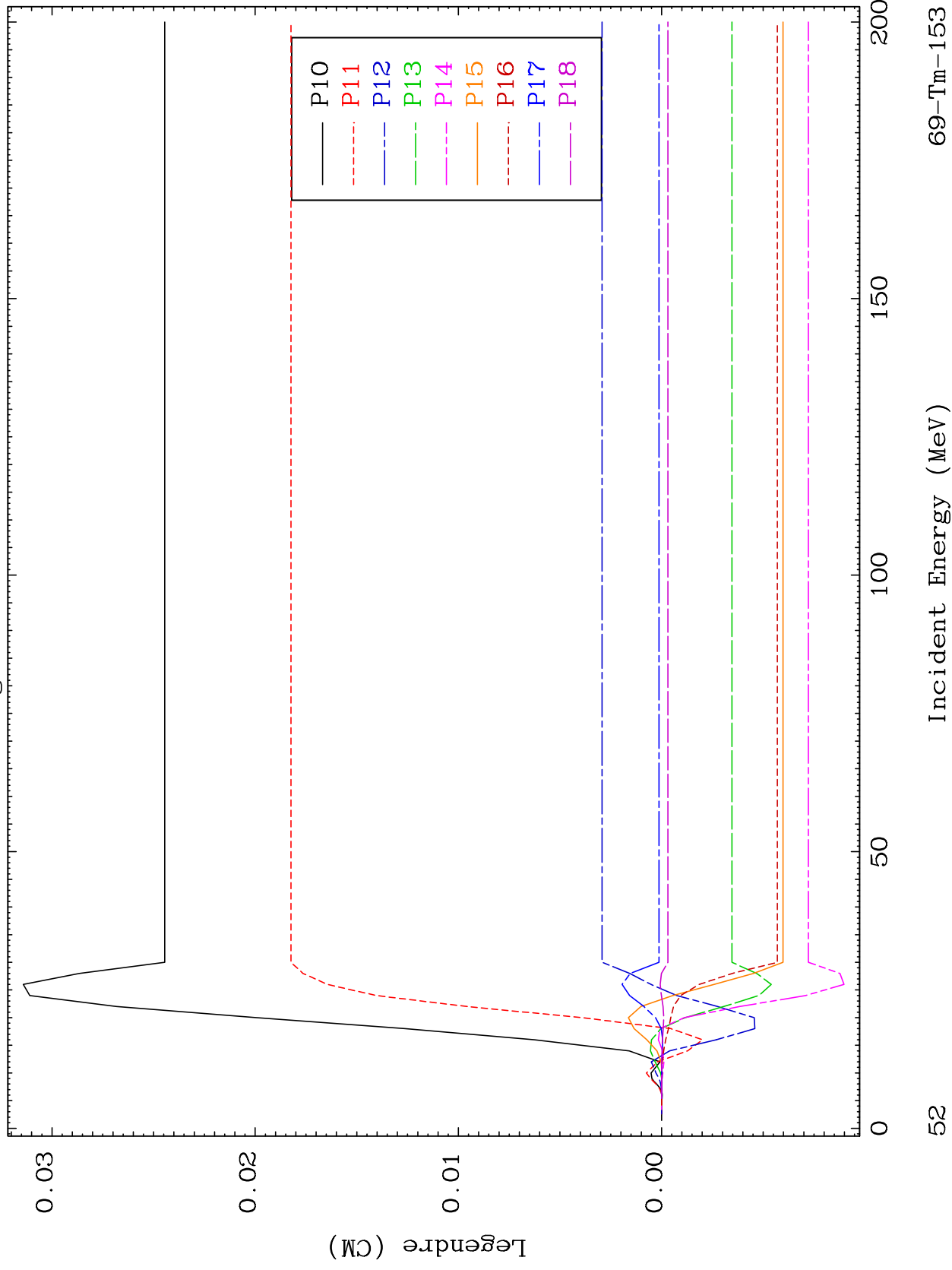




MAT 68777

887.2 keV (n,n') Level
Legendre Coefficients

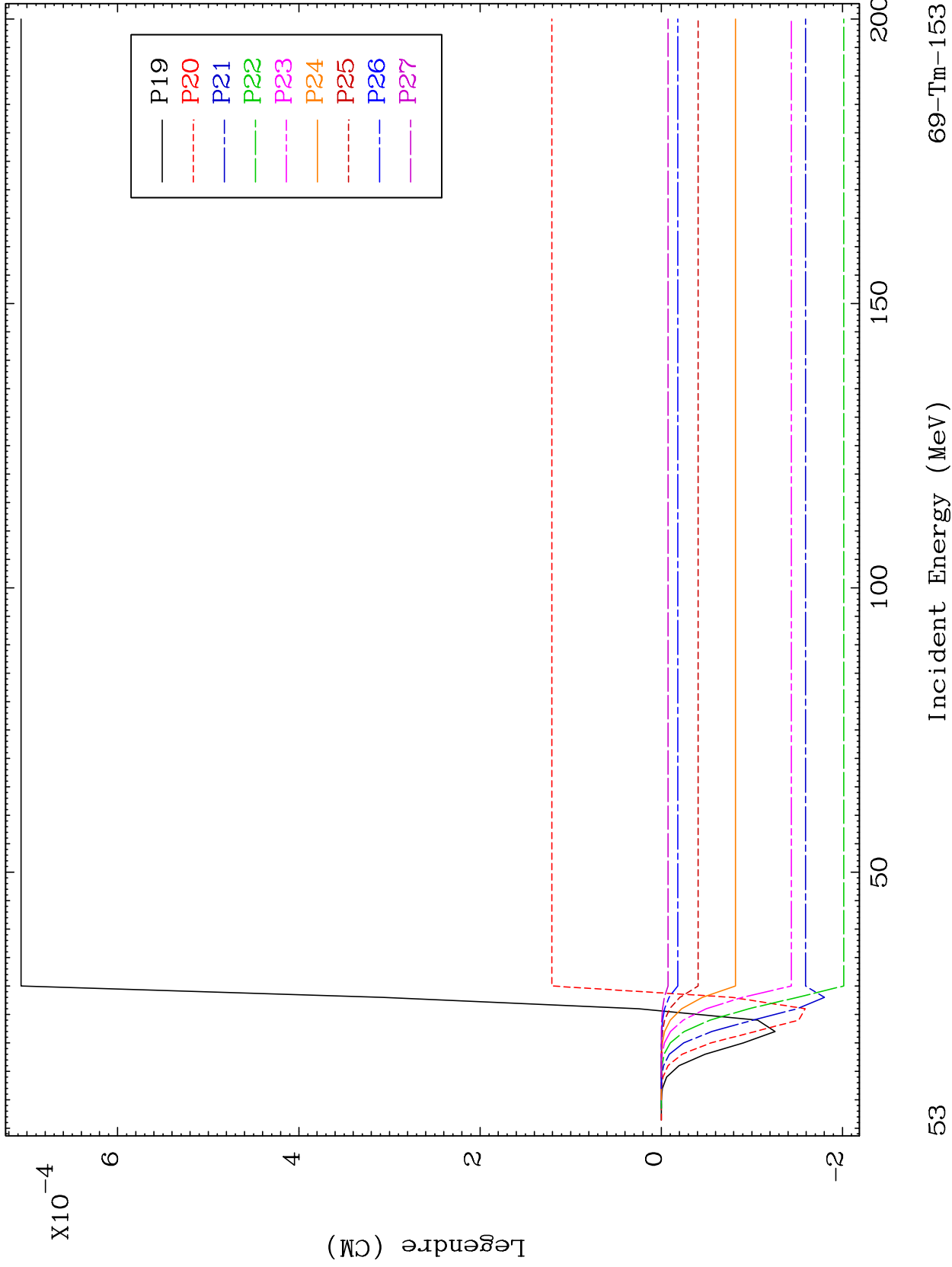
69-Tm-153

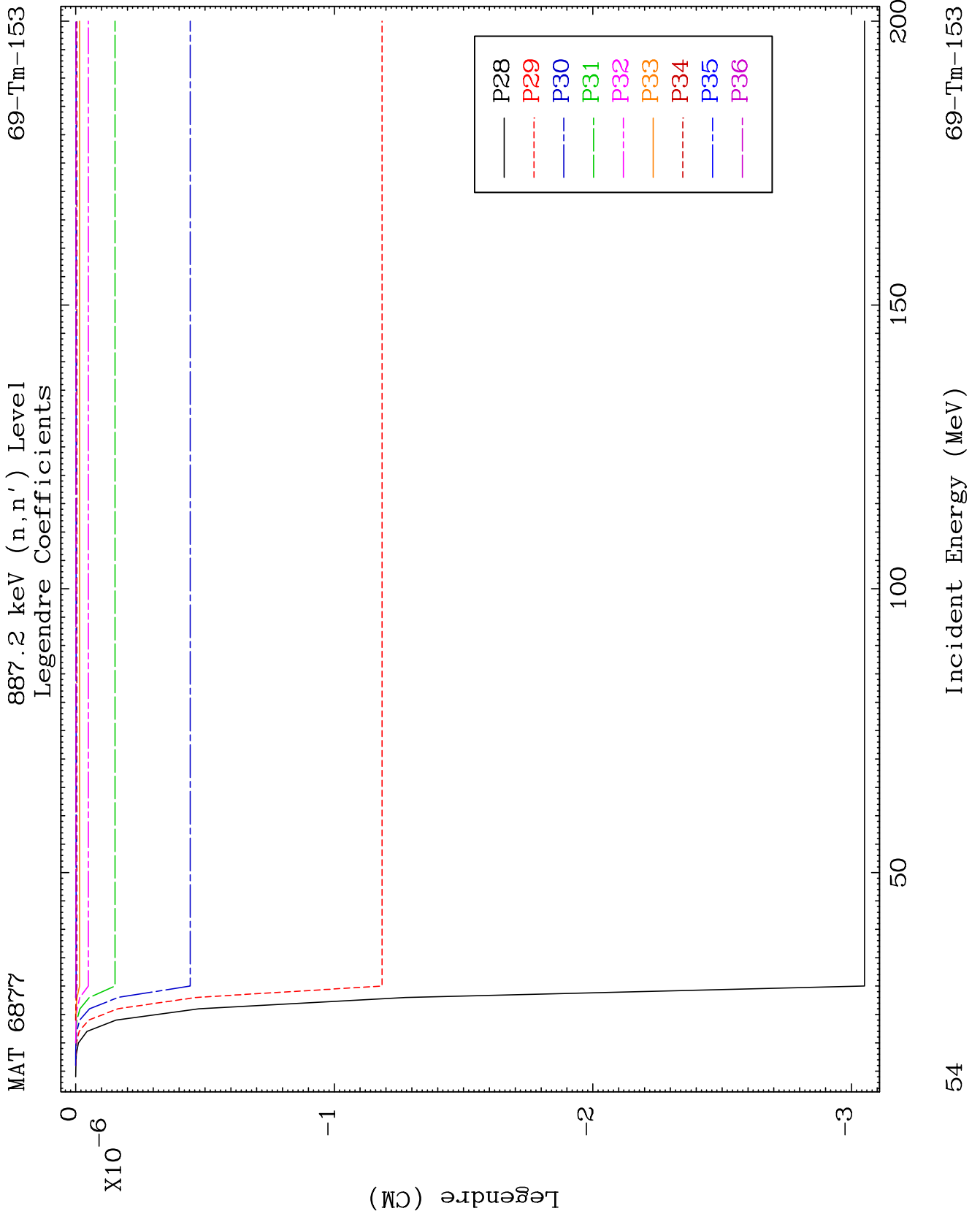


69-Tm-153

Incident Energy (MeV)

52

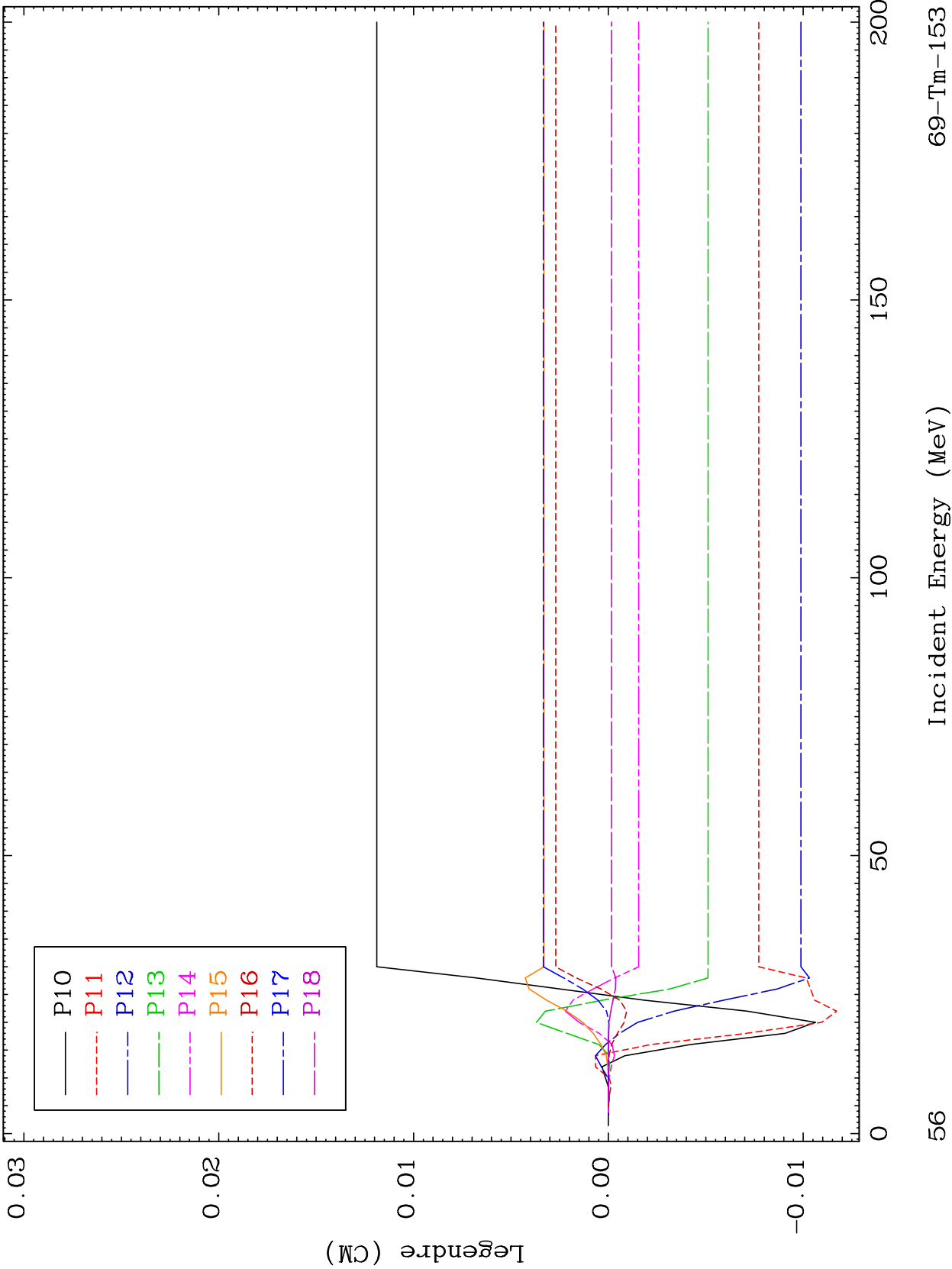




MAT 68777

892.2 keV (n,n') Level
Legendre Coefficients

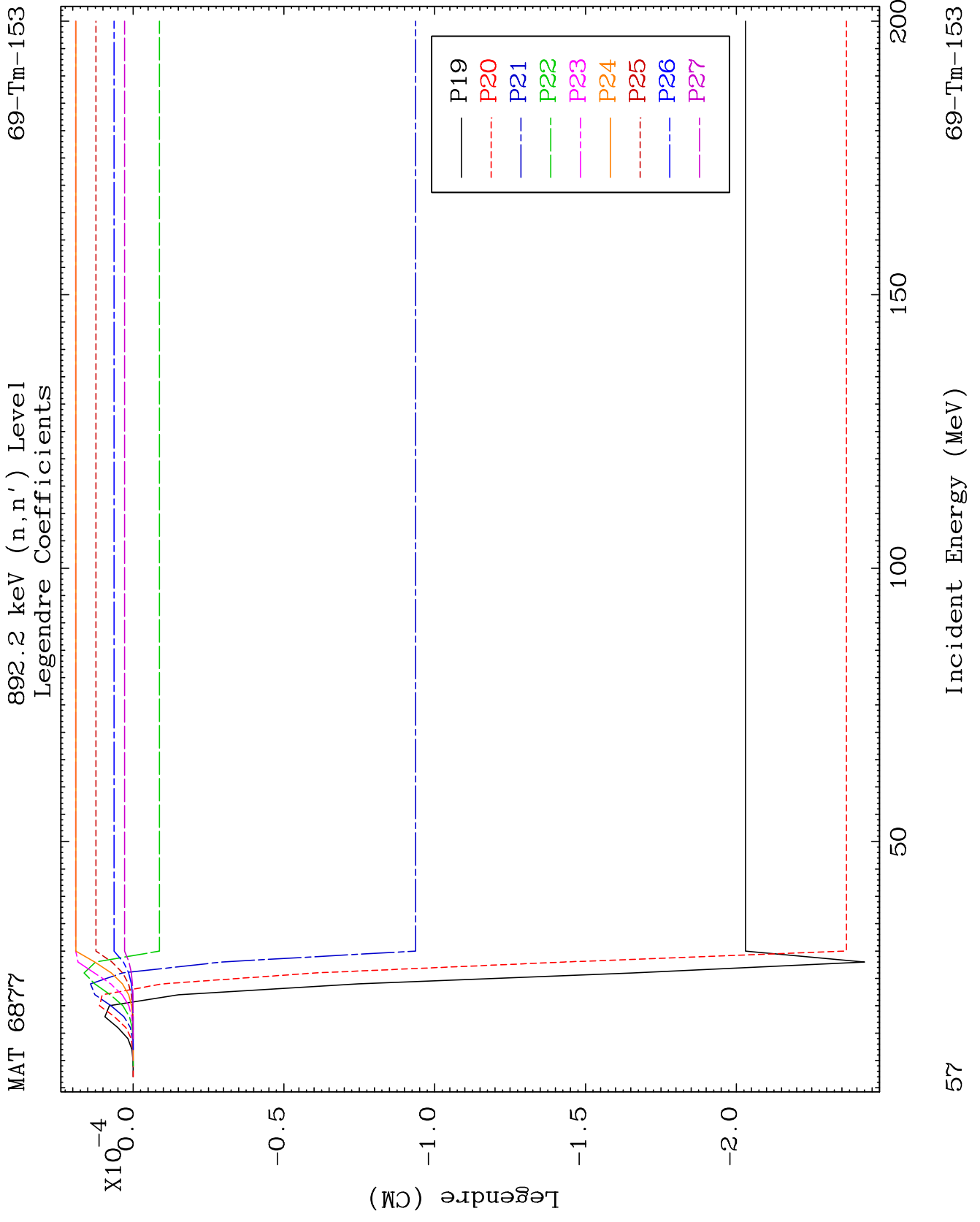
69-Tm-153



56

Incident Energy (MeV)

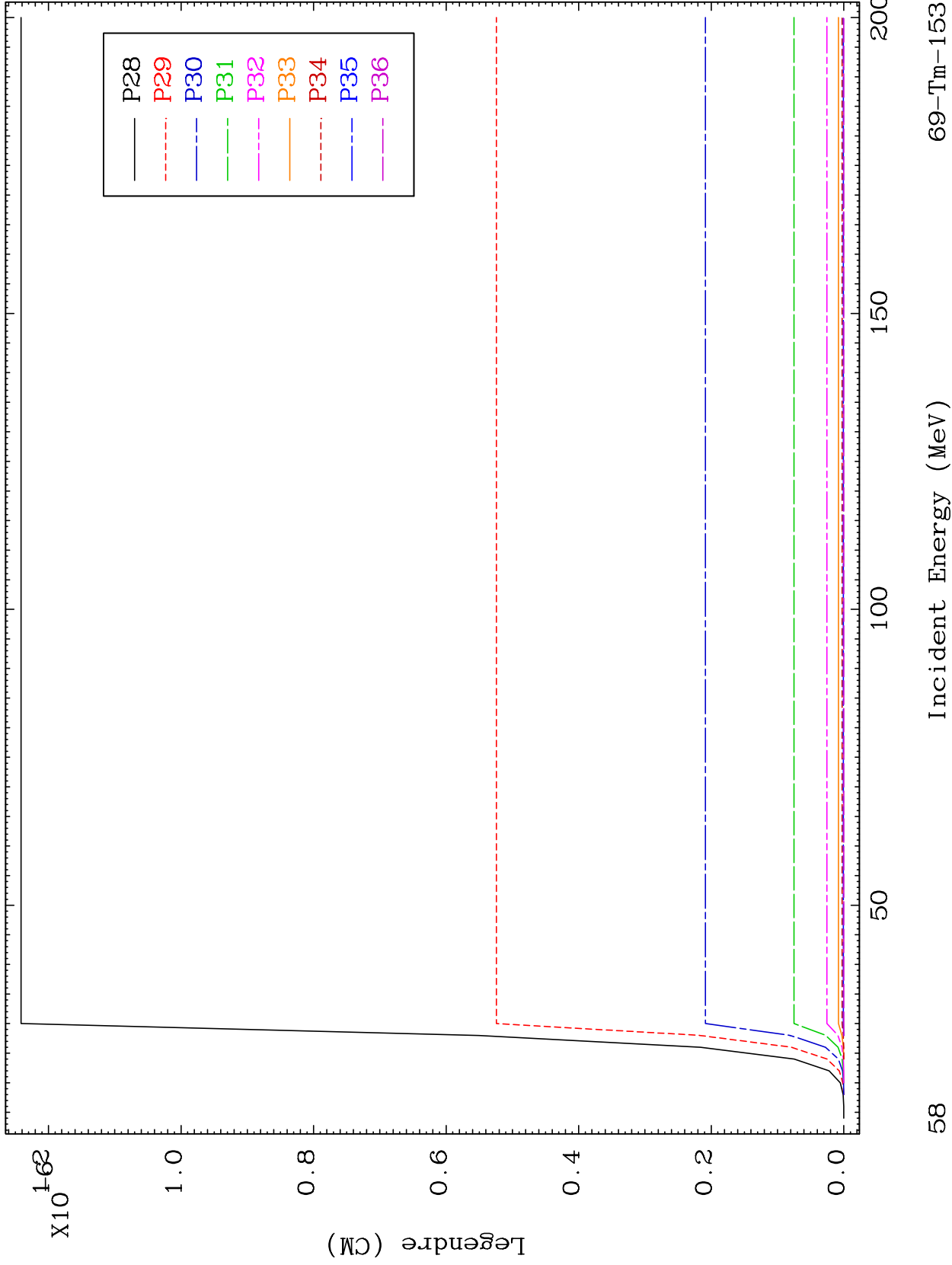
69-Tm-153



MAT 6877

892.2 keV (n,n') Level
Legendre Coefficients

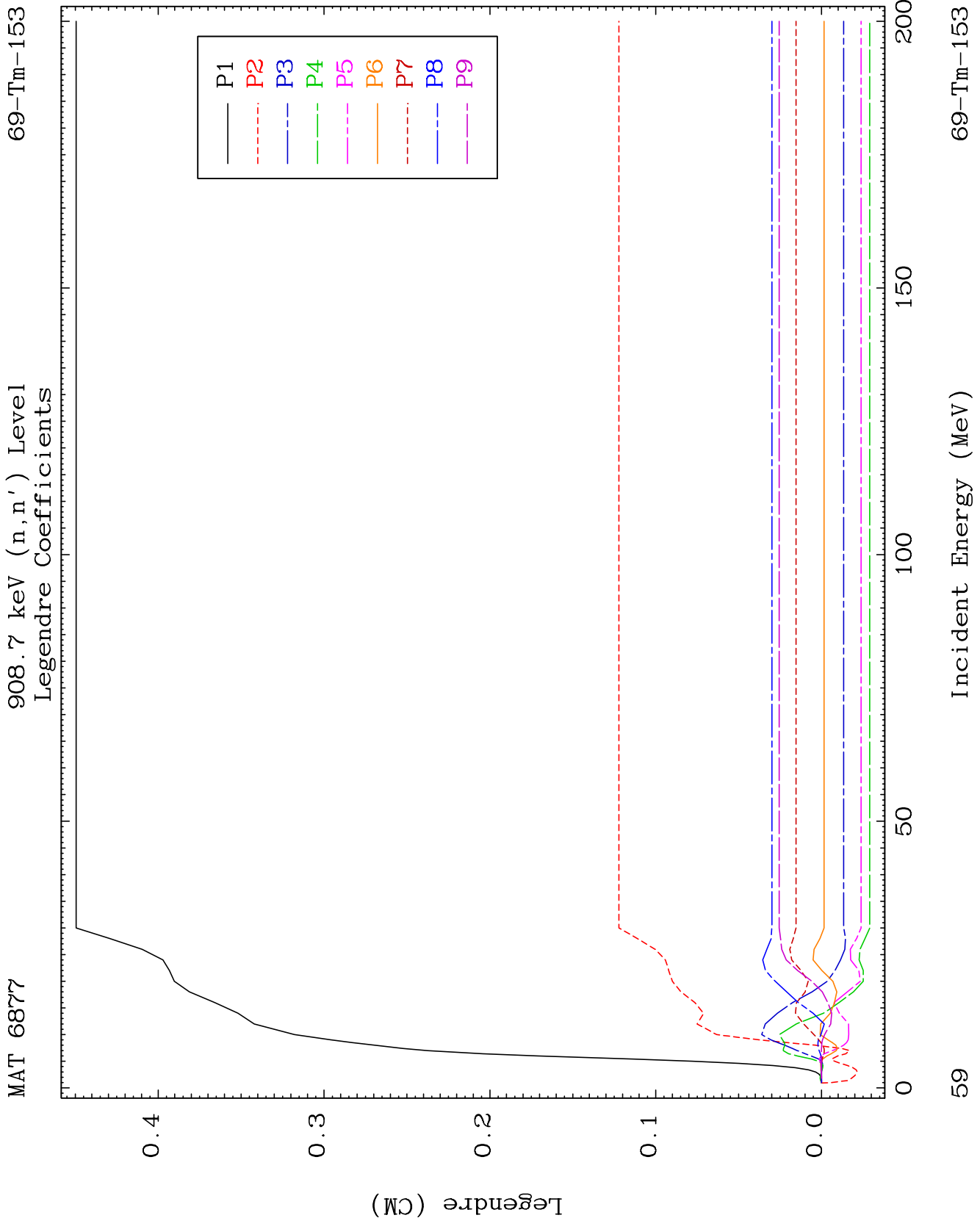
69-Tm-153



58

Incident Energy (MeV)

69-Tm-153



69-Tm-153

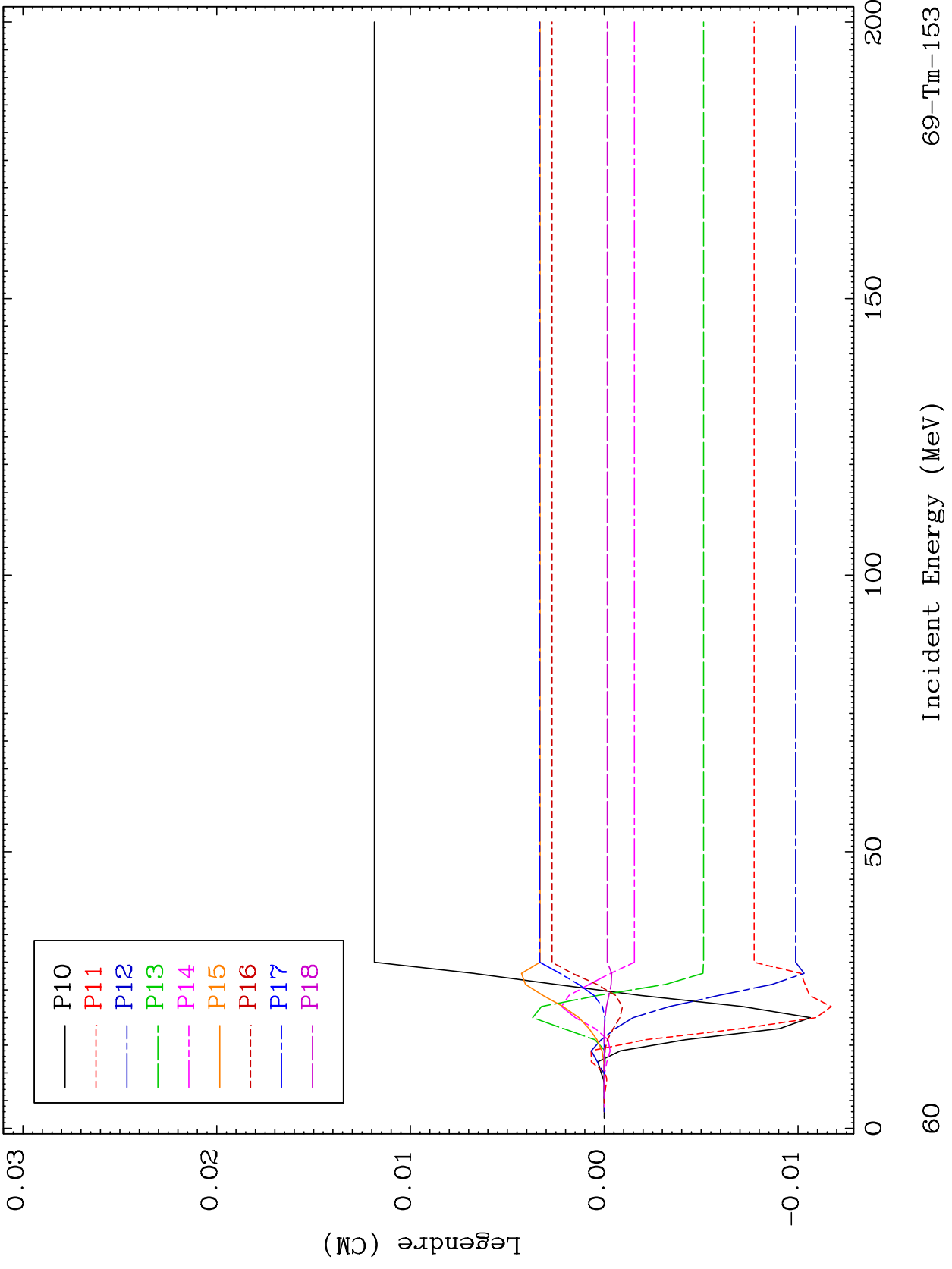
Incident Energy (MeV)

59

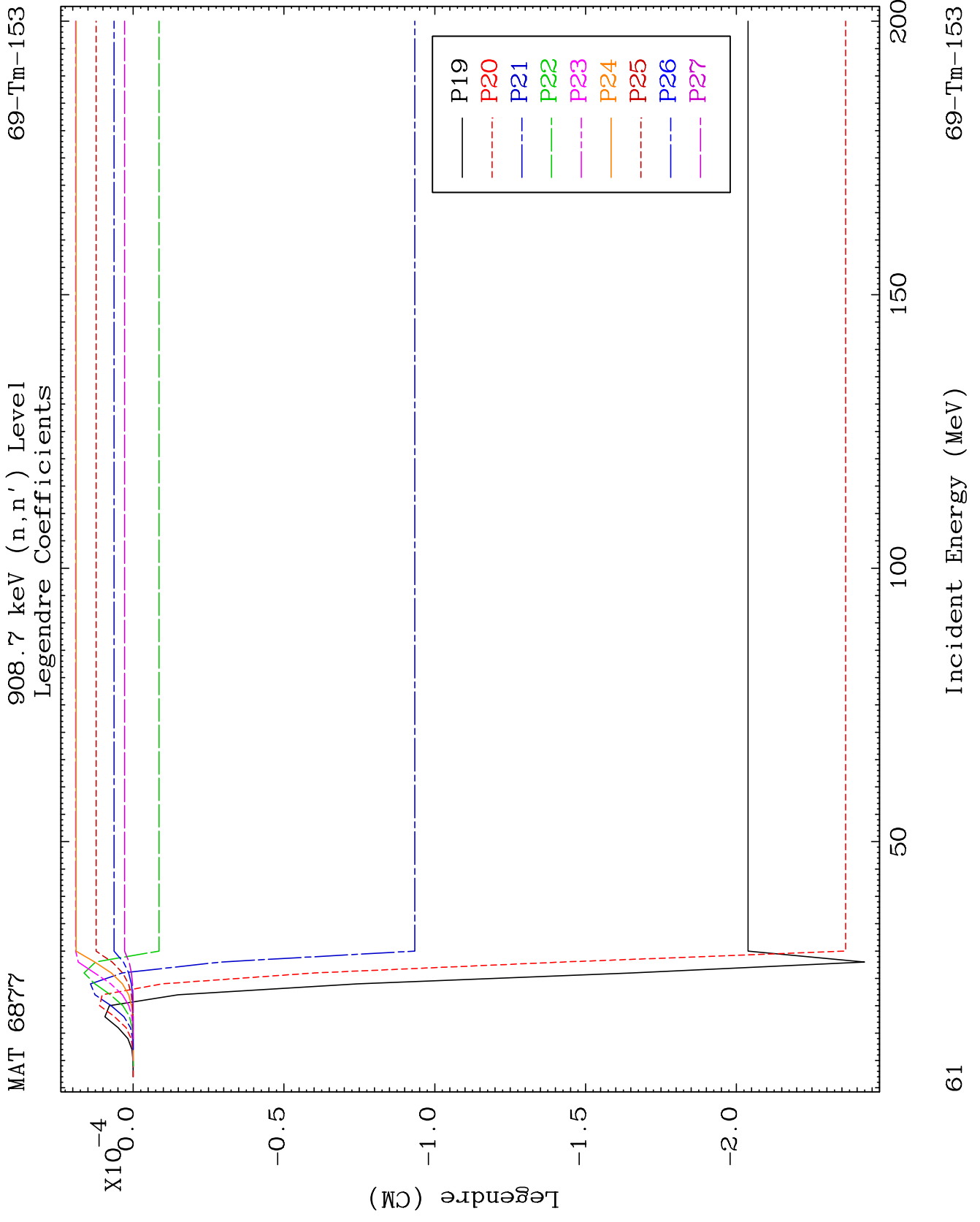
MAT 68777

908.7 keV (n,n') Level
Legendre Coefficients

69-Tm-153



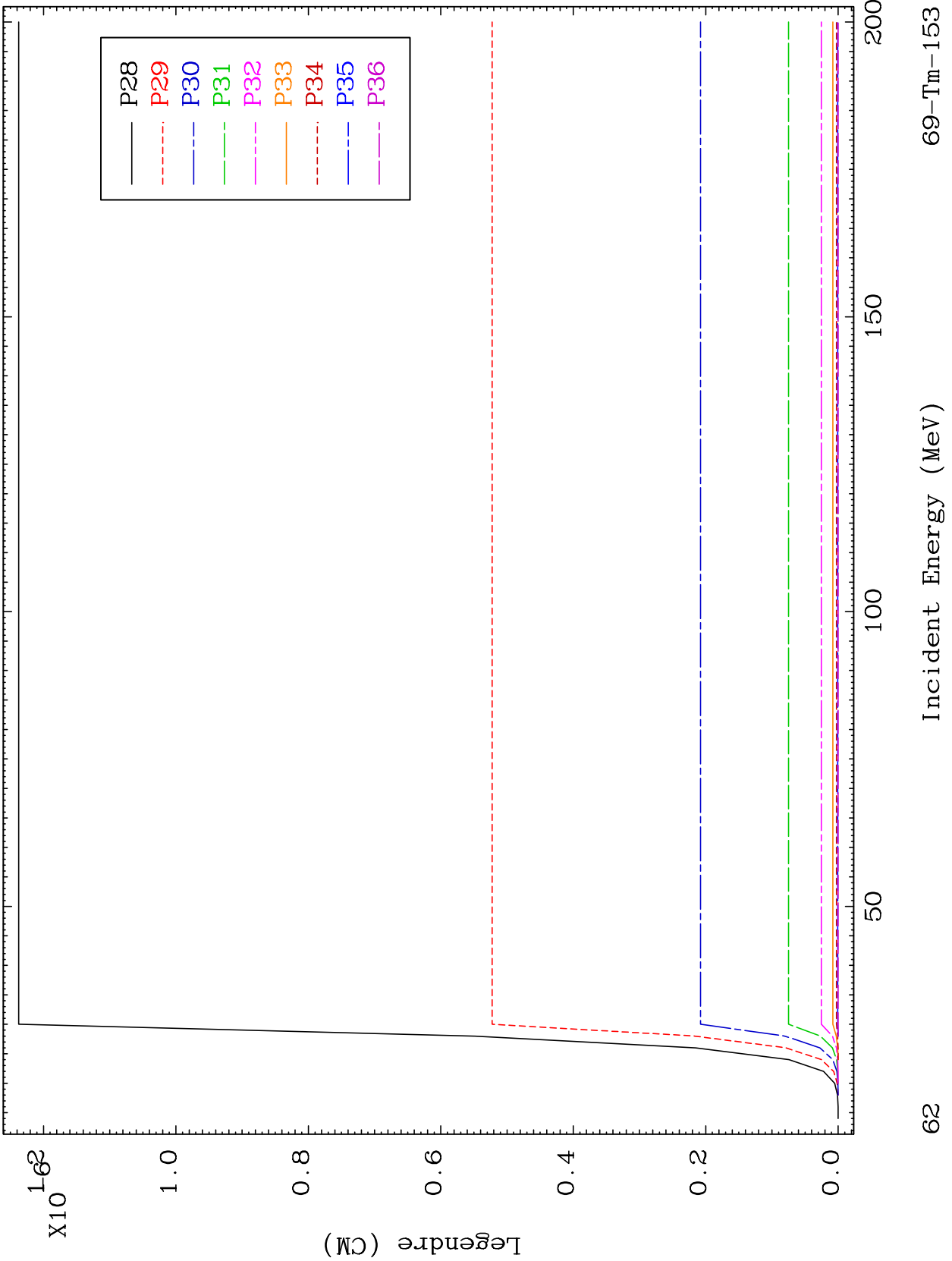
69-Tm-153



MAT 68777

908.7 keV (n,n') Level
Legendre Coefficients

69-Tm-153

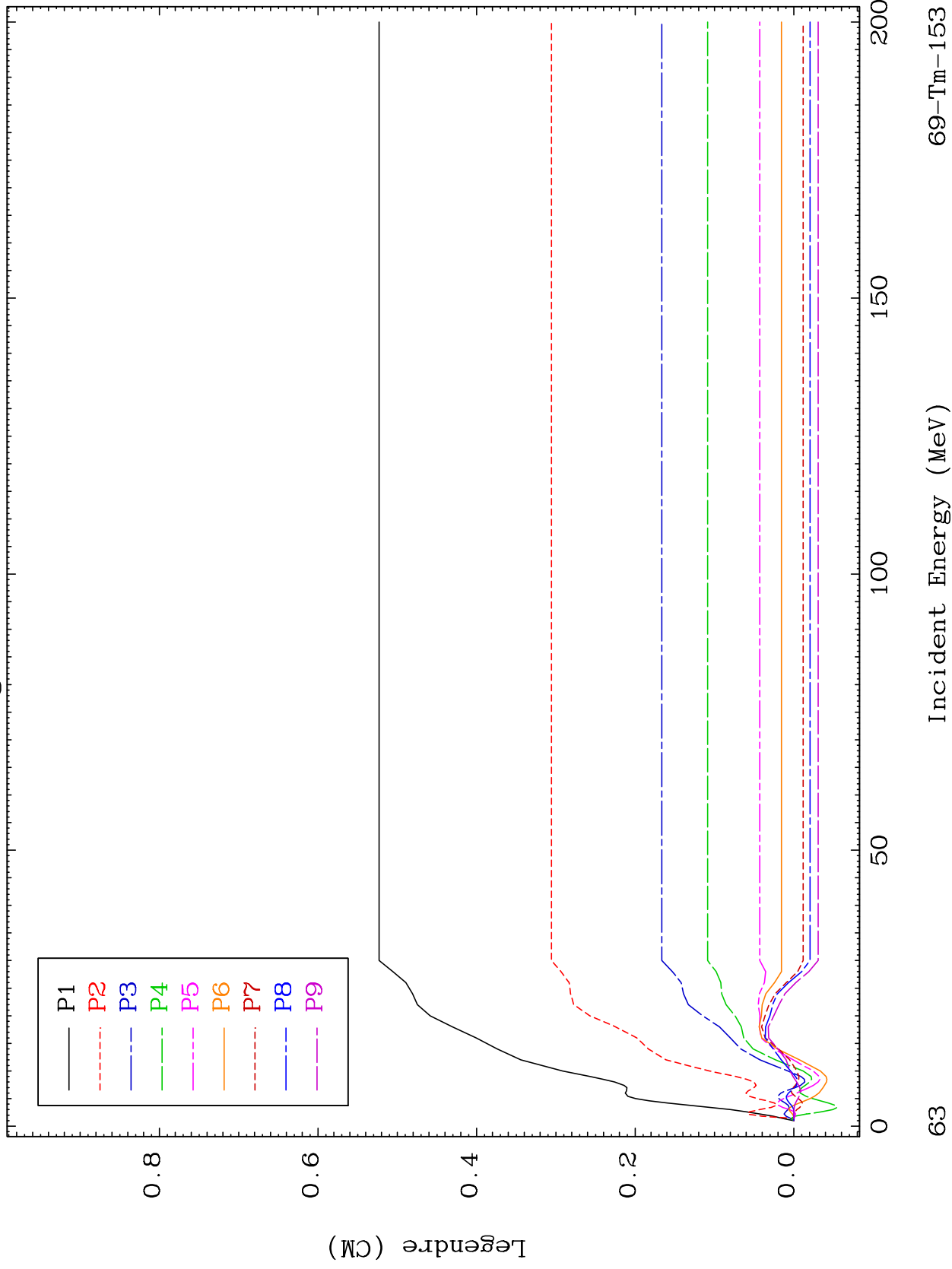


62

MAT 6877

938.9 keV (n,n') Level
Legendre Coefficients

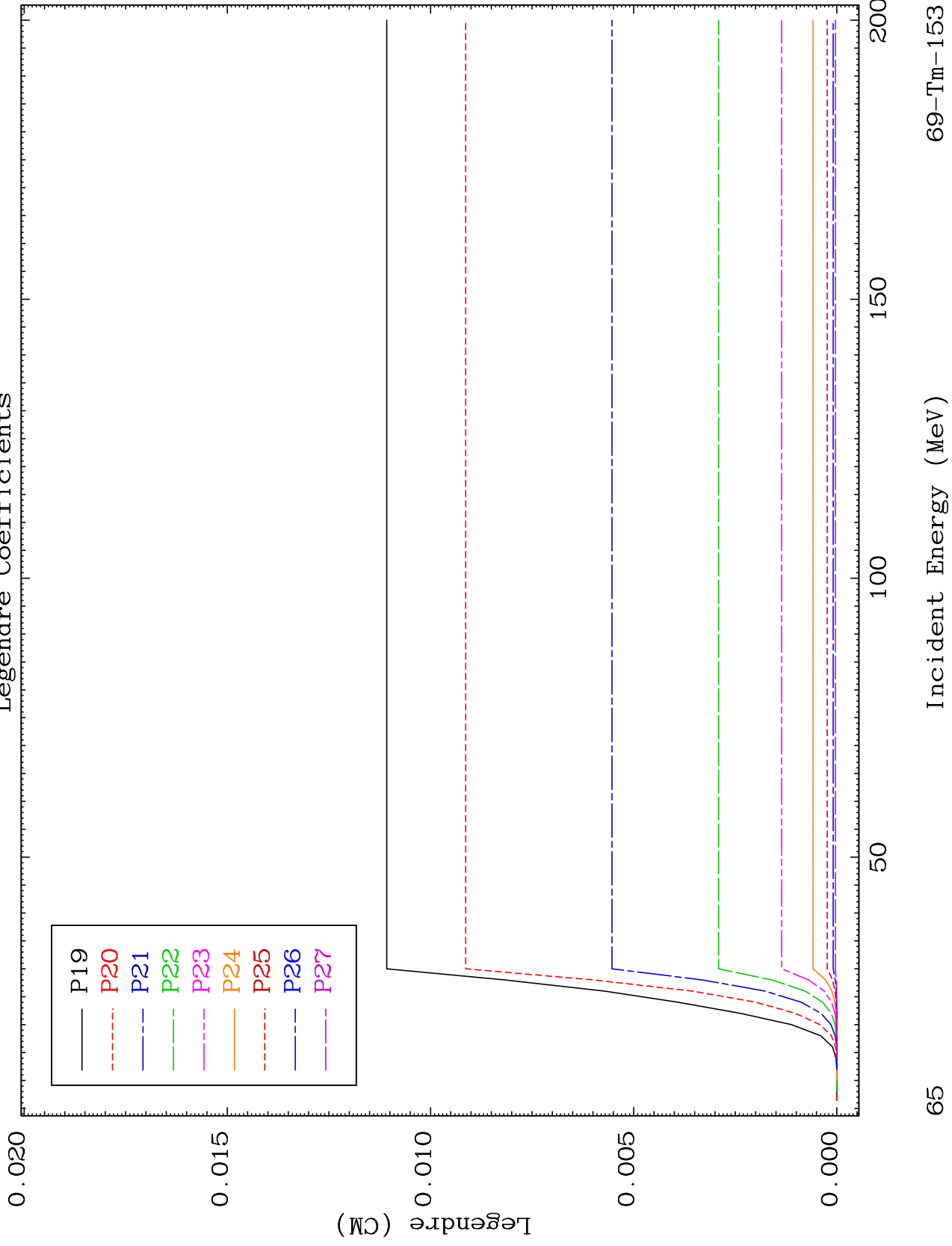
69-Tm-153



MAT 6877

938.9 keV (n,n') Level
Legendre Coefficients

69-Tm-153



69-Tm-153

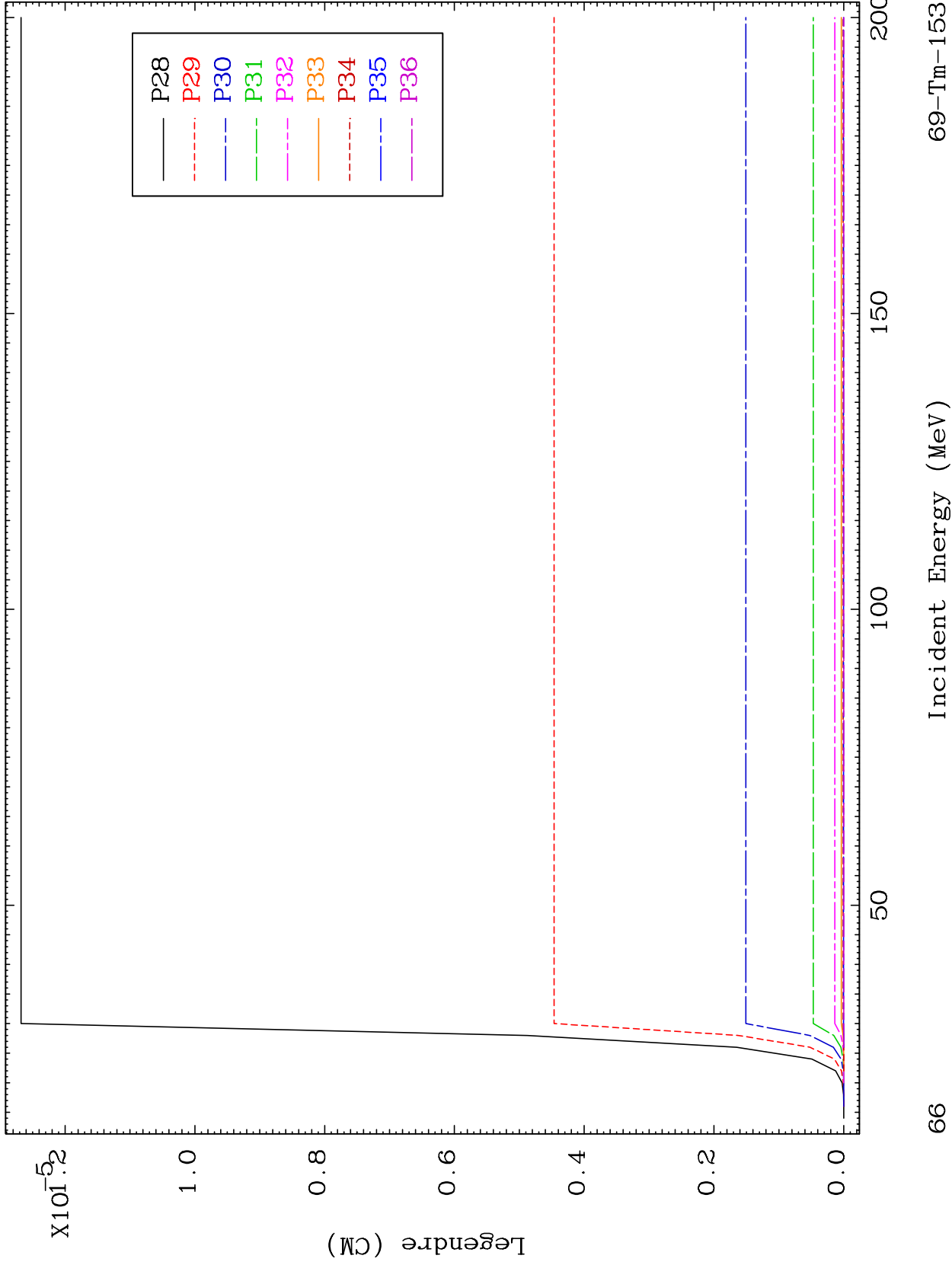
Incident Energy (MeV)

65

MAT 6877

938.9 keV (n,n') Level
Legendre Coefficients

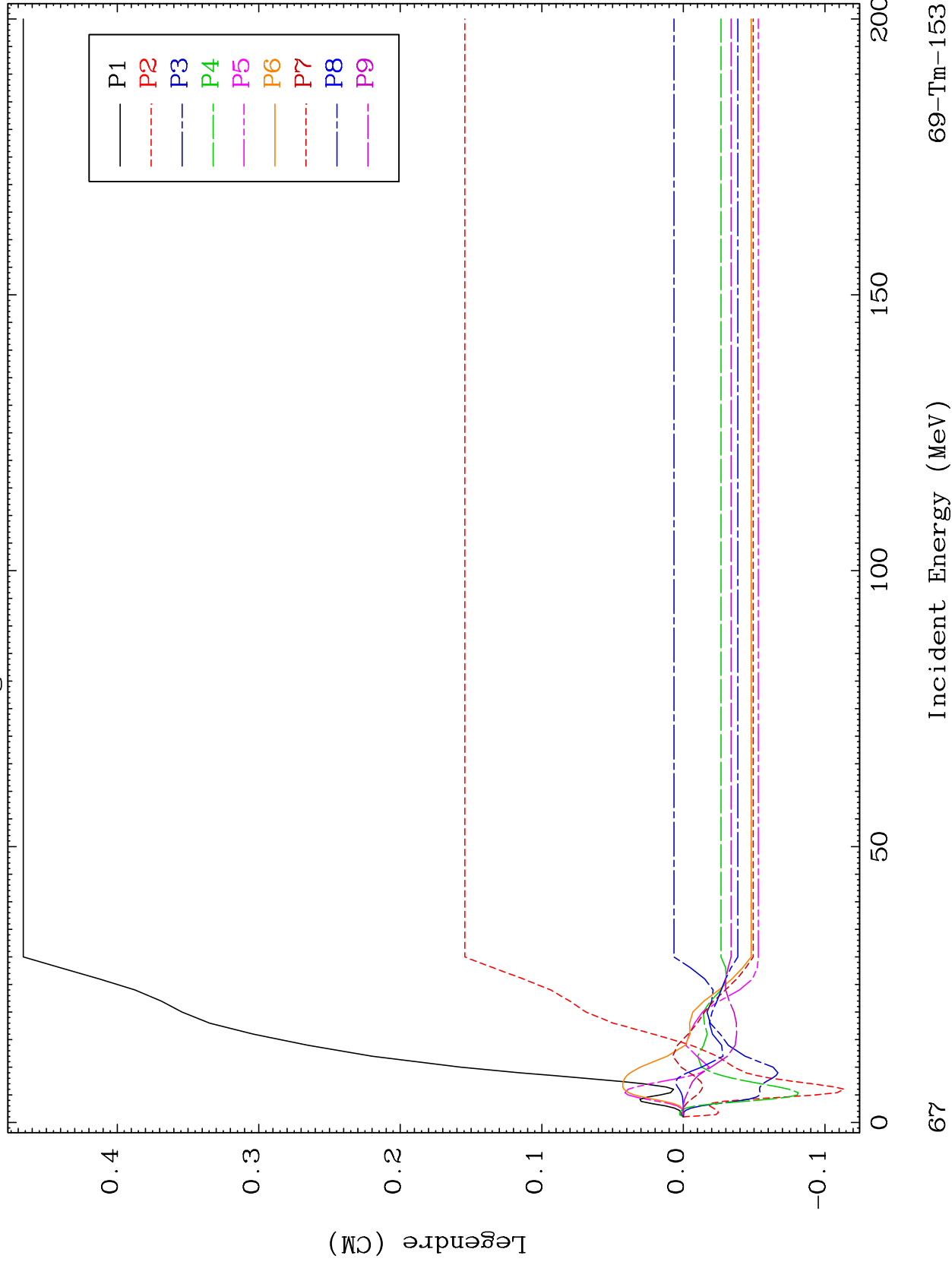
69-Tm-153



MAT 6877

961.5 keV (n,n') Level
Legendre Coefficients

69-Tm-153



69-Tm-153

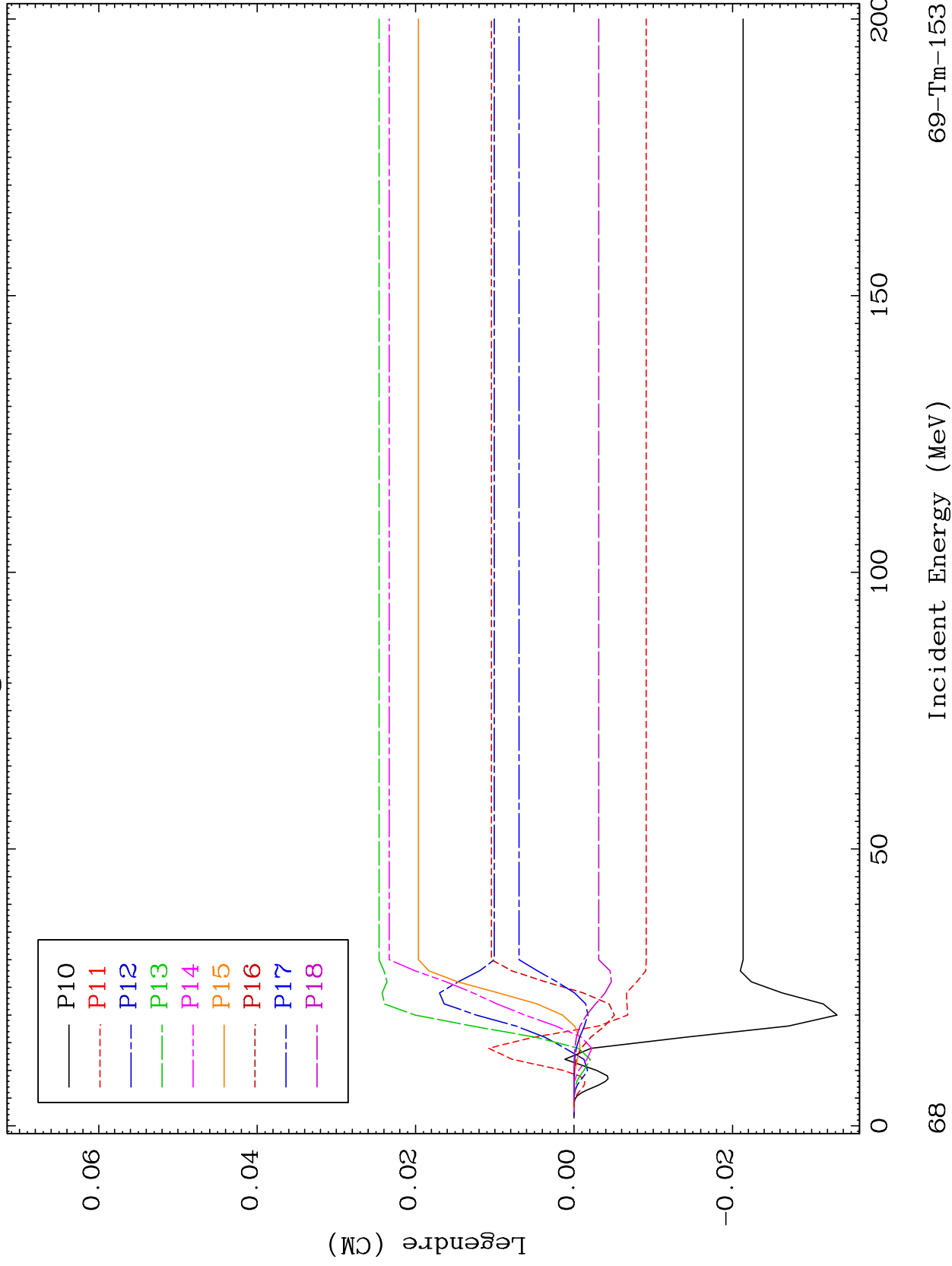
Incident Energy (MeV)

67

MAT 6877

961.5 keV (n,n') Level
Legendre Coefficients

69-Tm-153



69-Tm-153

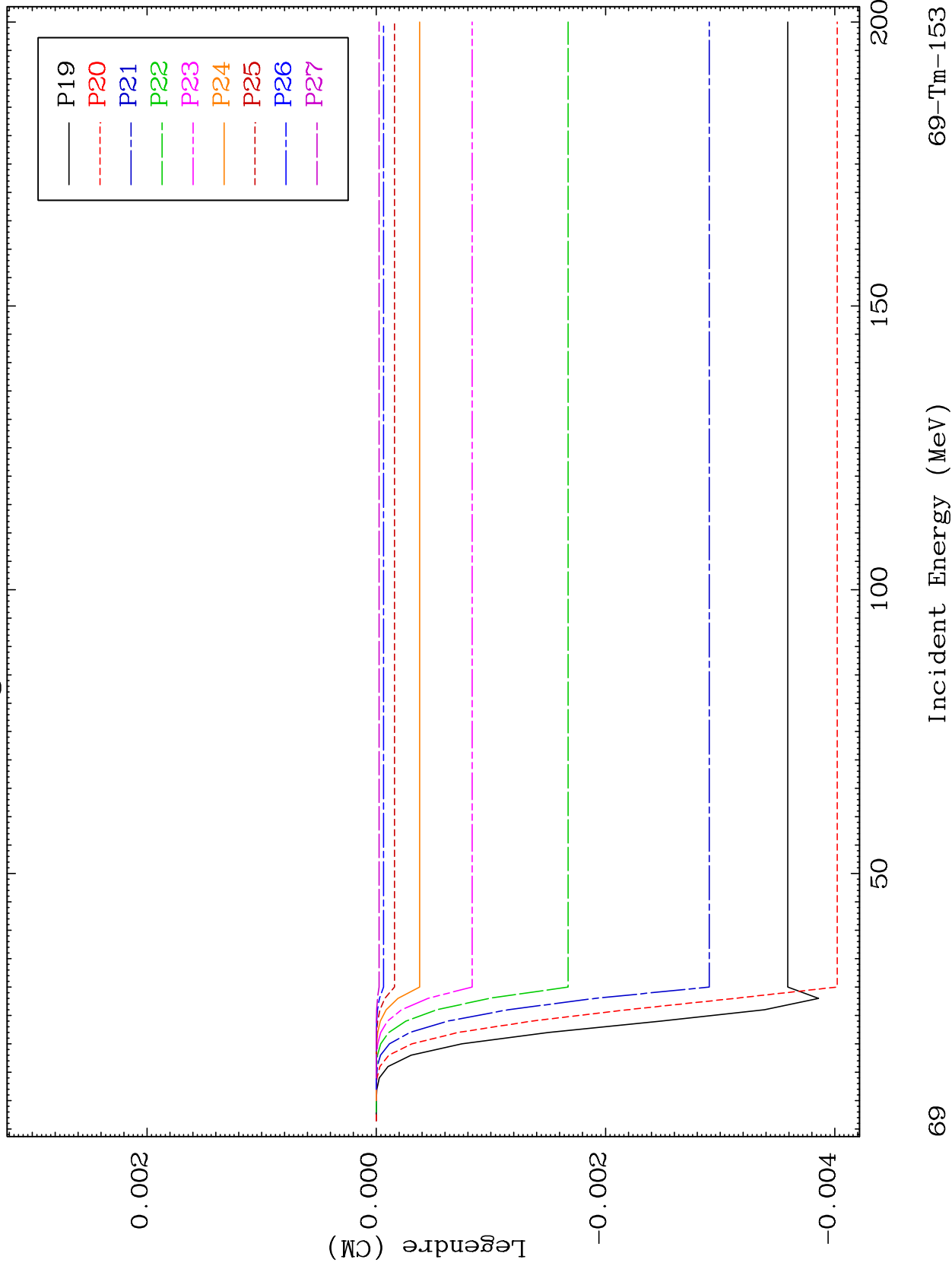
Incident Energy (MeV)

68

MAT 6877

961.5 keV (n,n') Level
Legendre Coefficients

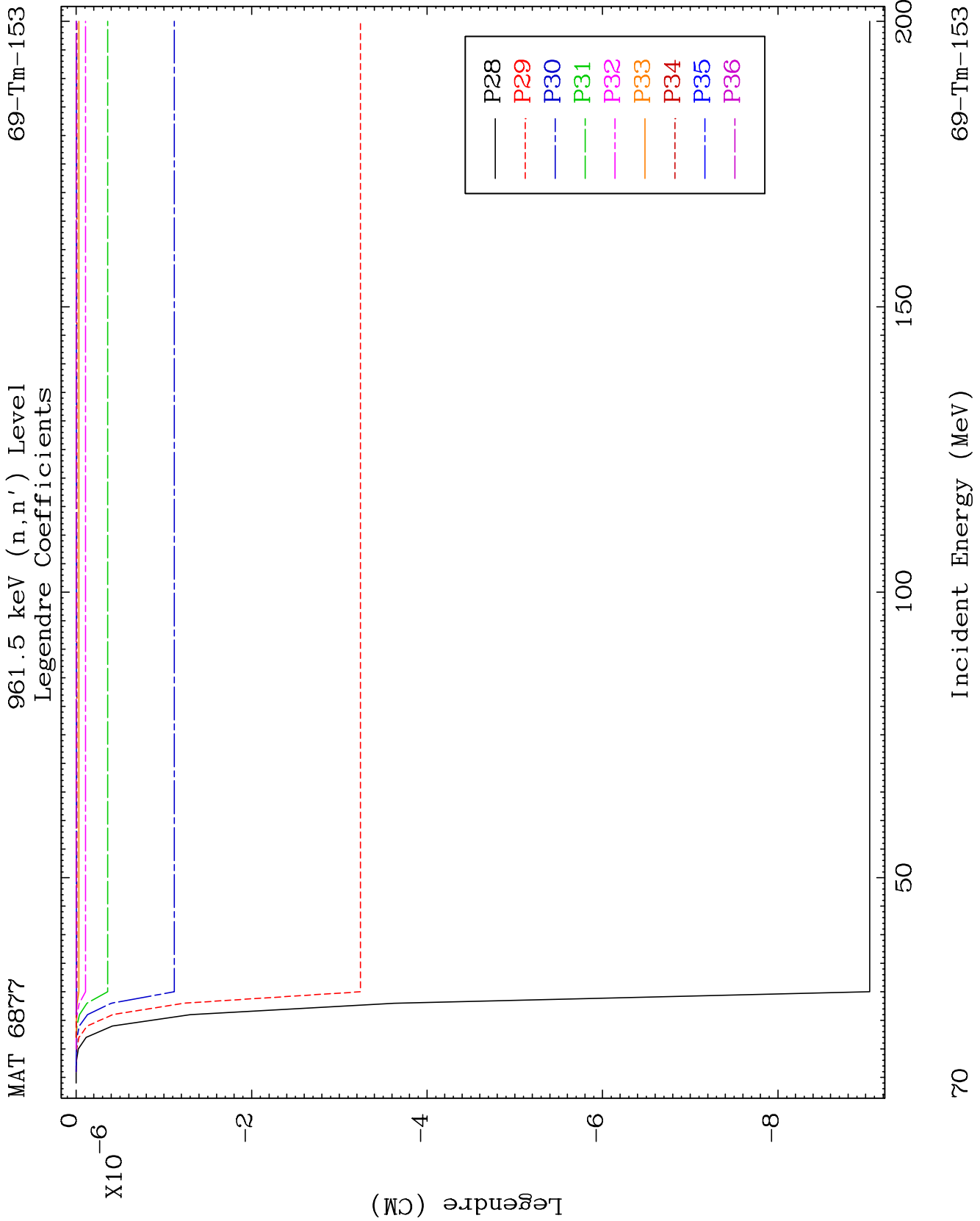
69-Tm-153

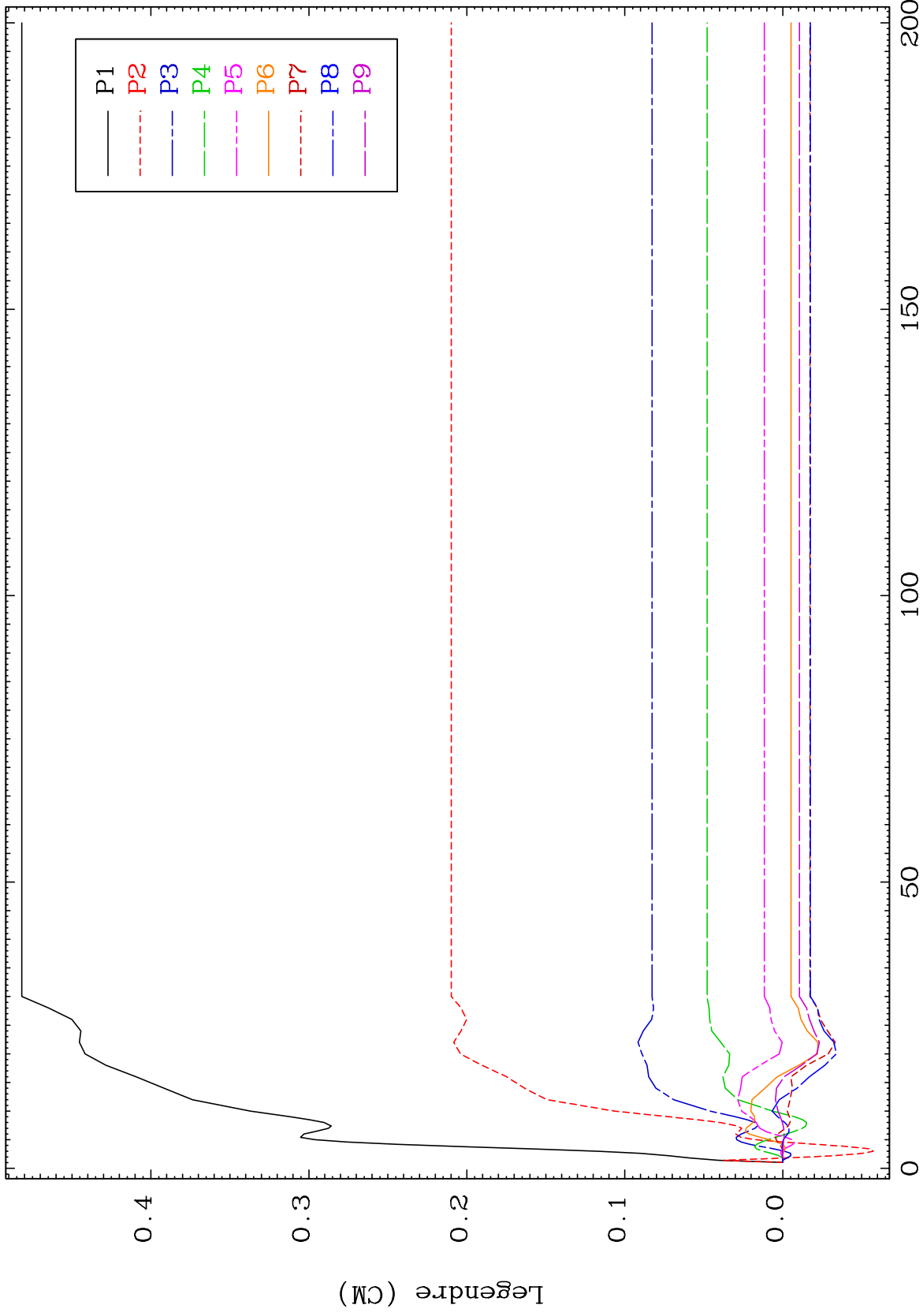


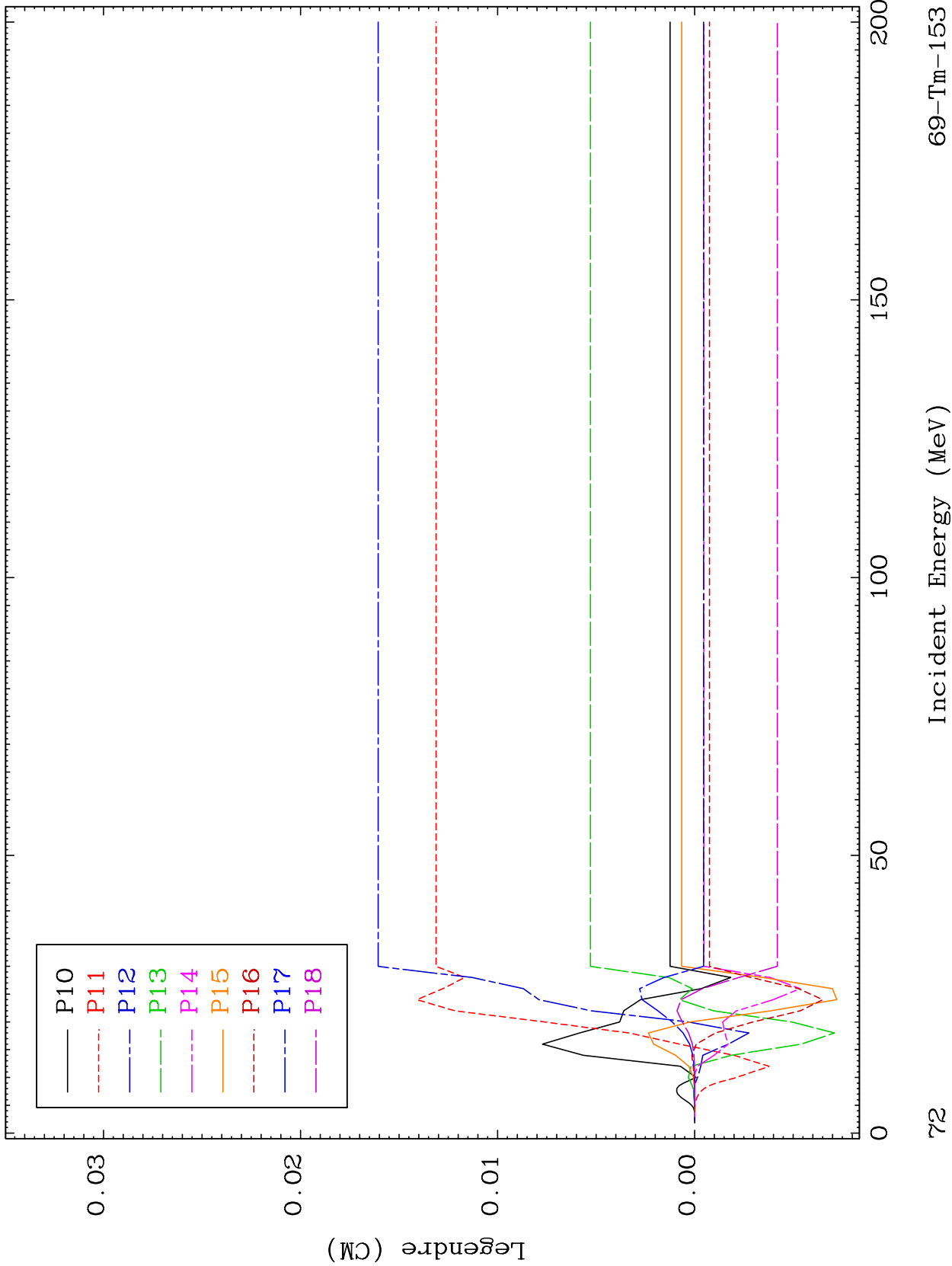
69

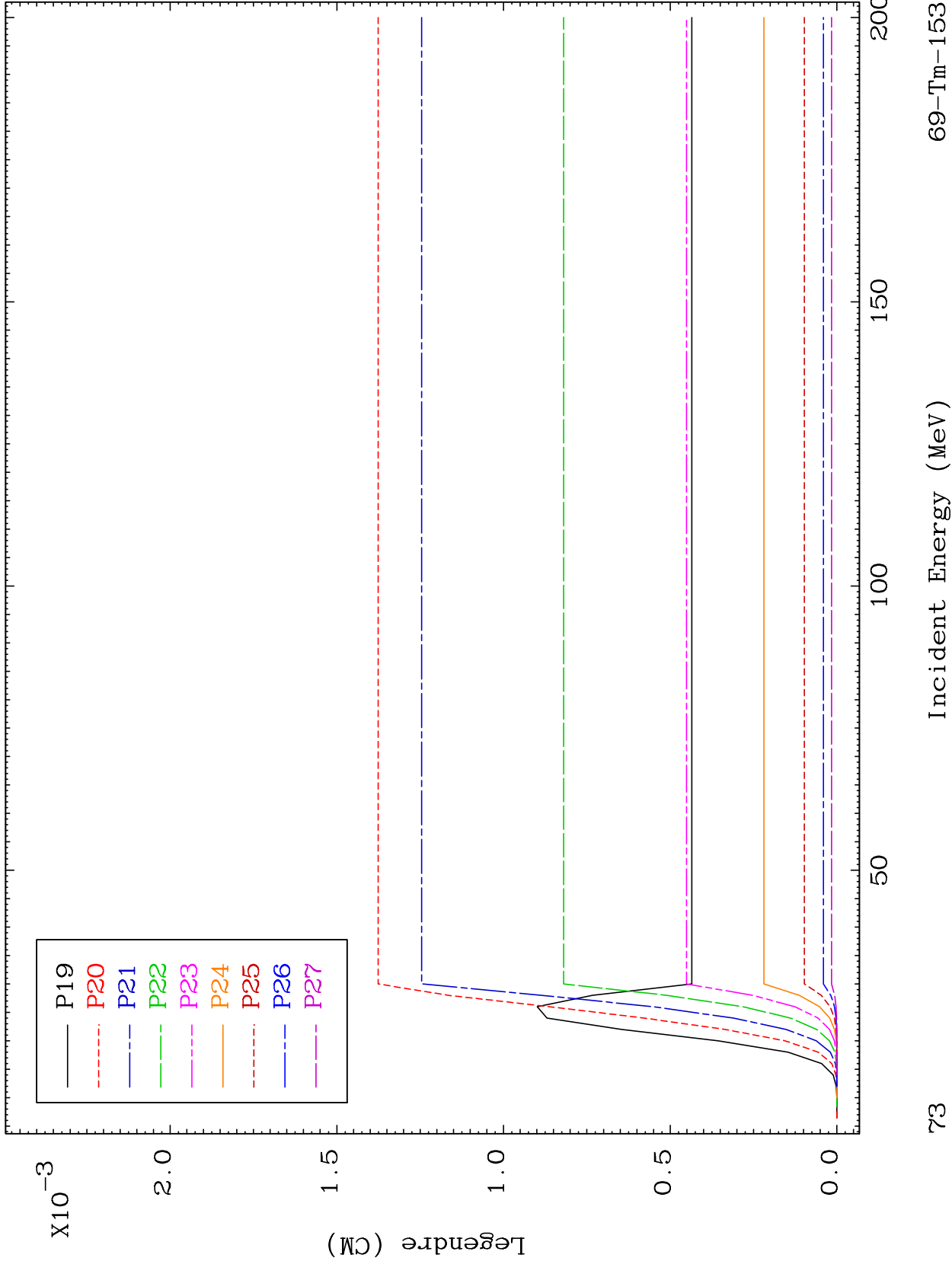
Incident Energy (MeV)

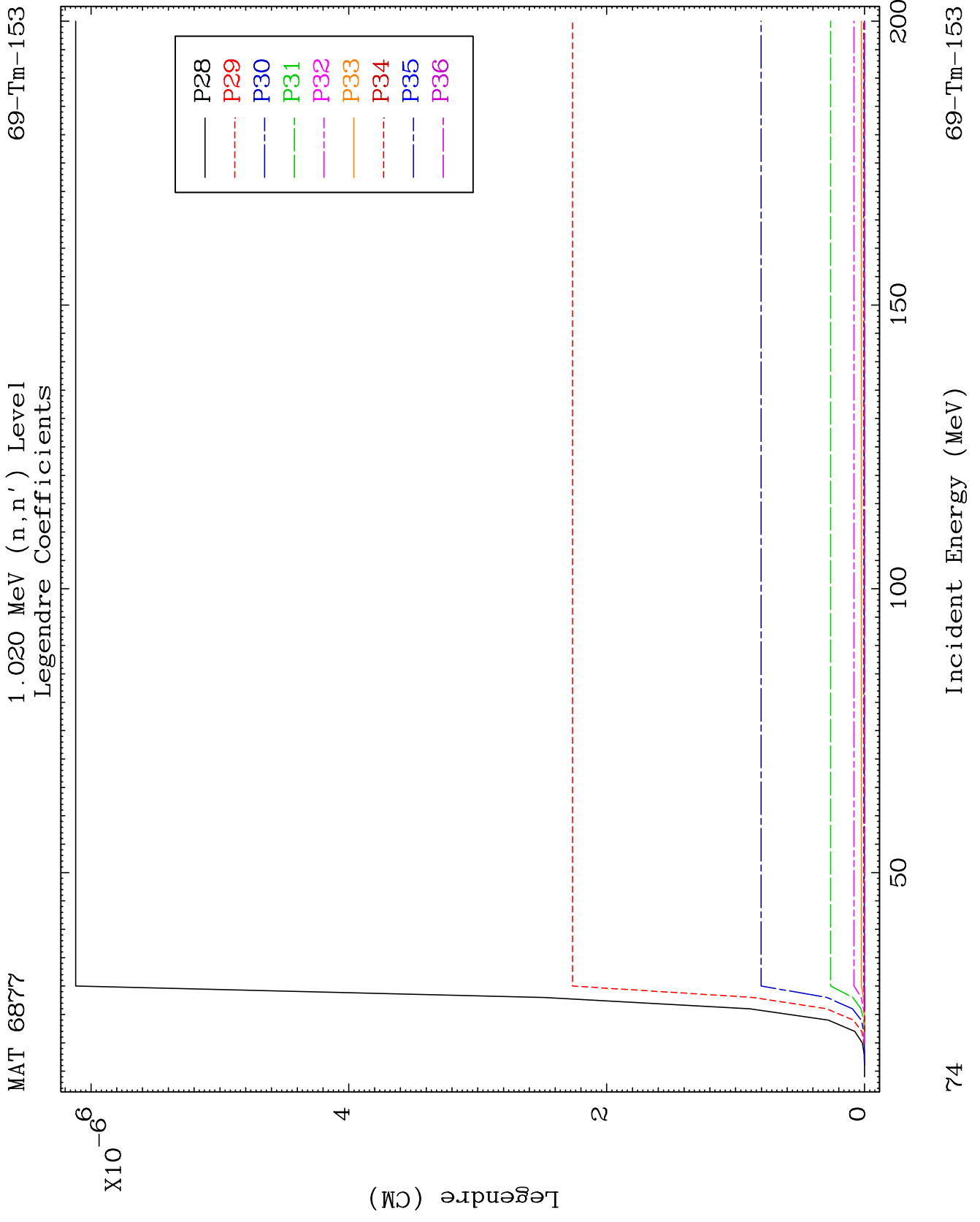
69-Tm-153

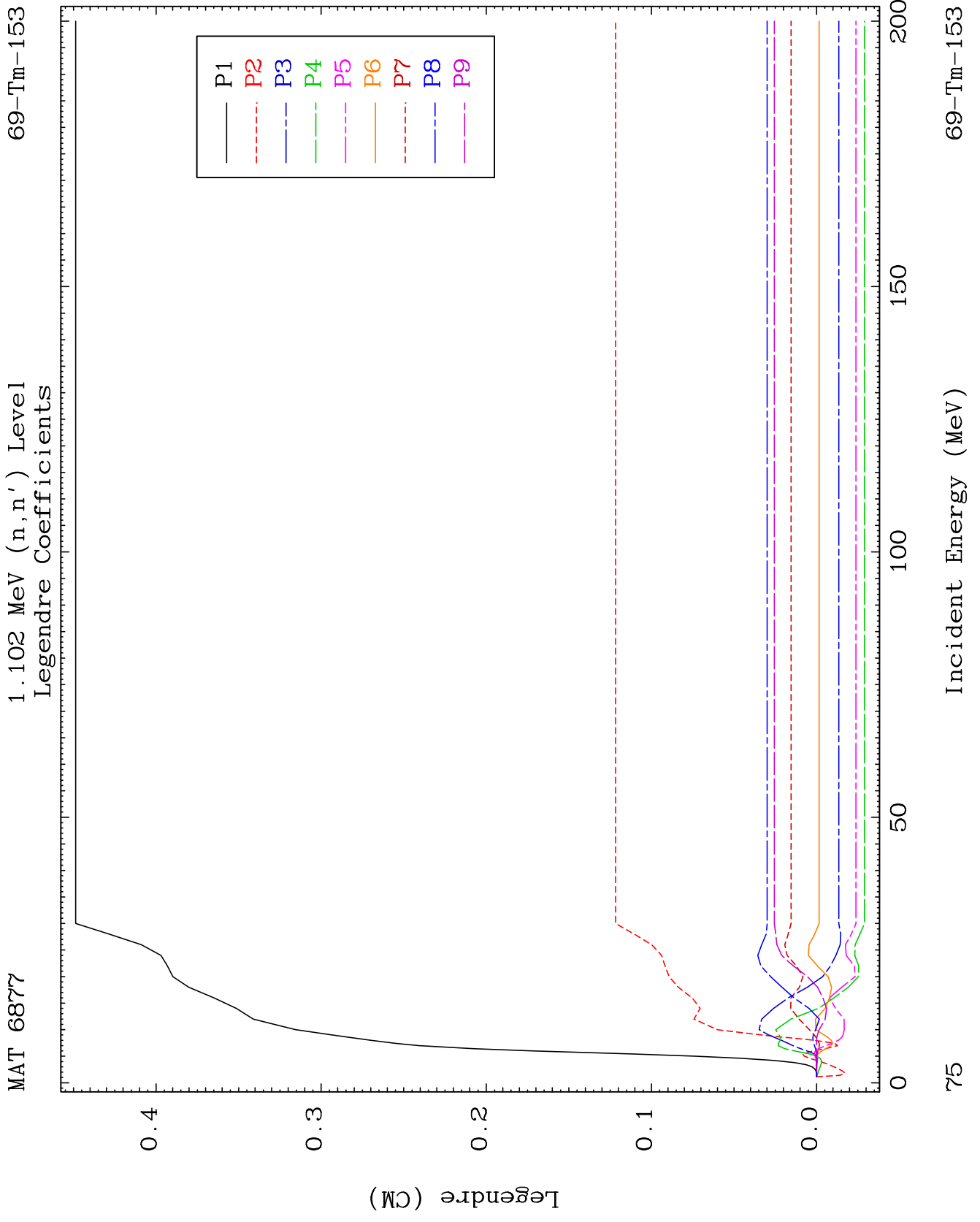












69-Tm-153

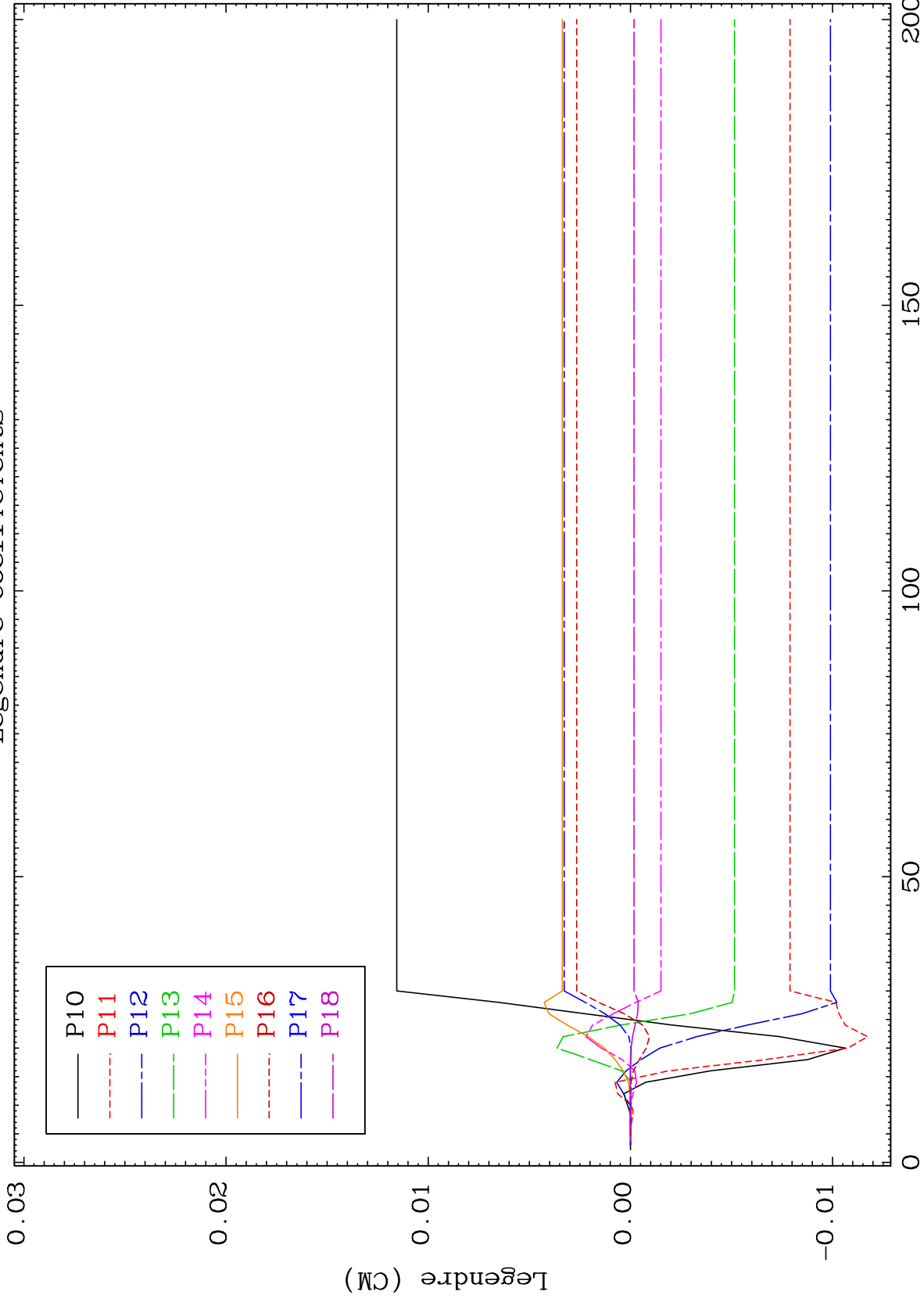
Incident Energy (MeV)

75

MAT 68777

1.102 MeV (n,n') Level
Legendre Coefficients

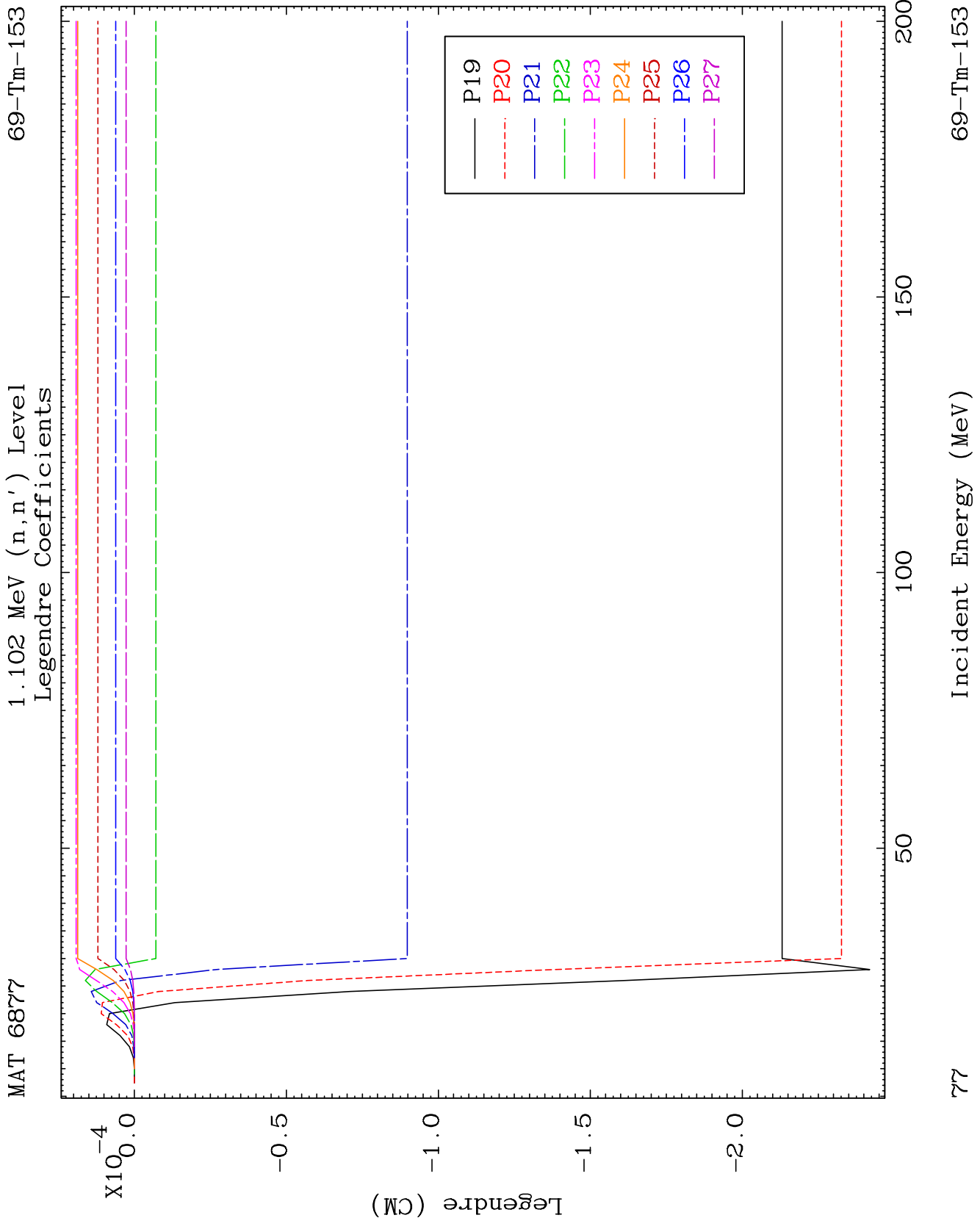
69-Tm-153

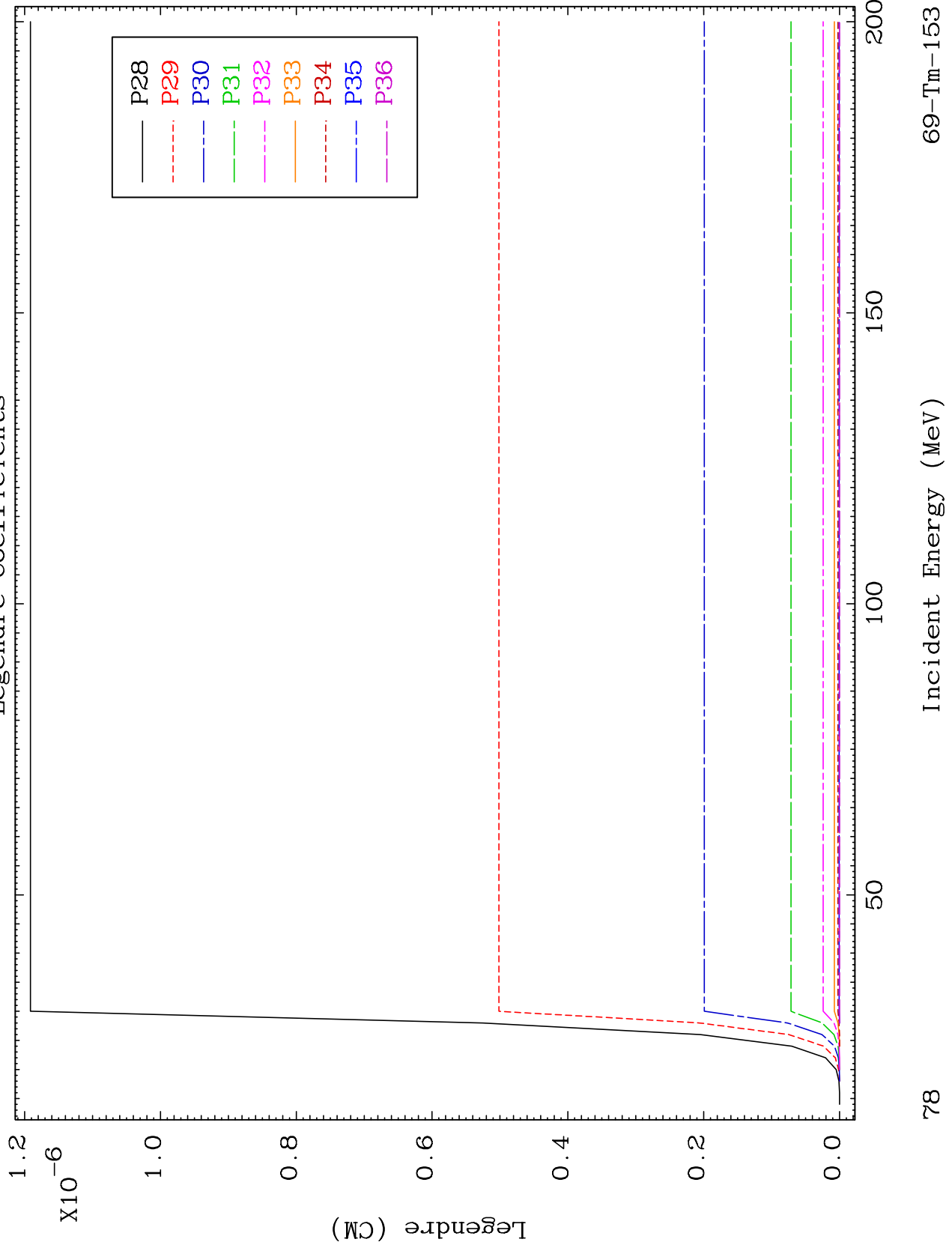


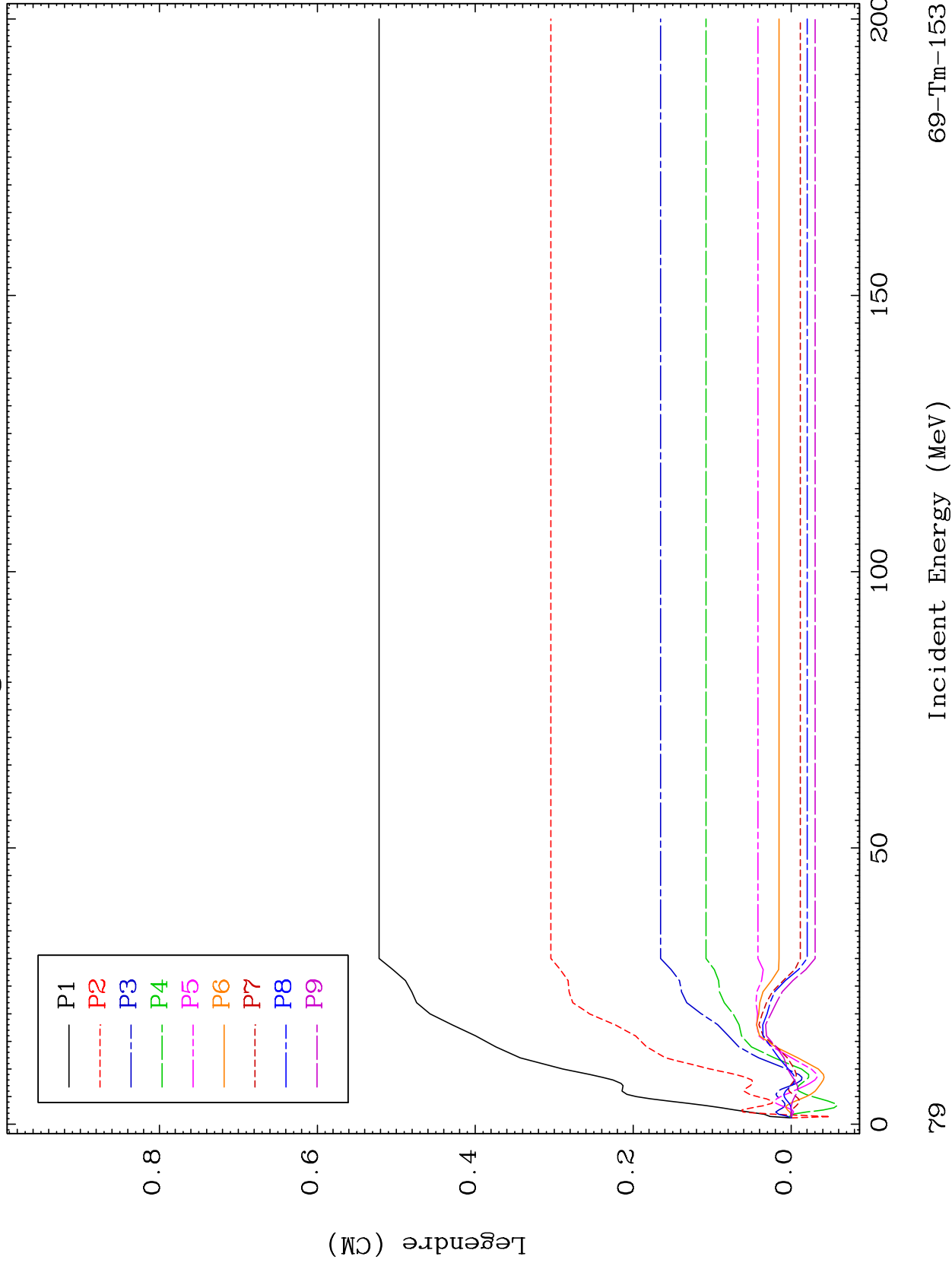
76

Incident Energy (MeV)

69-Tm-153



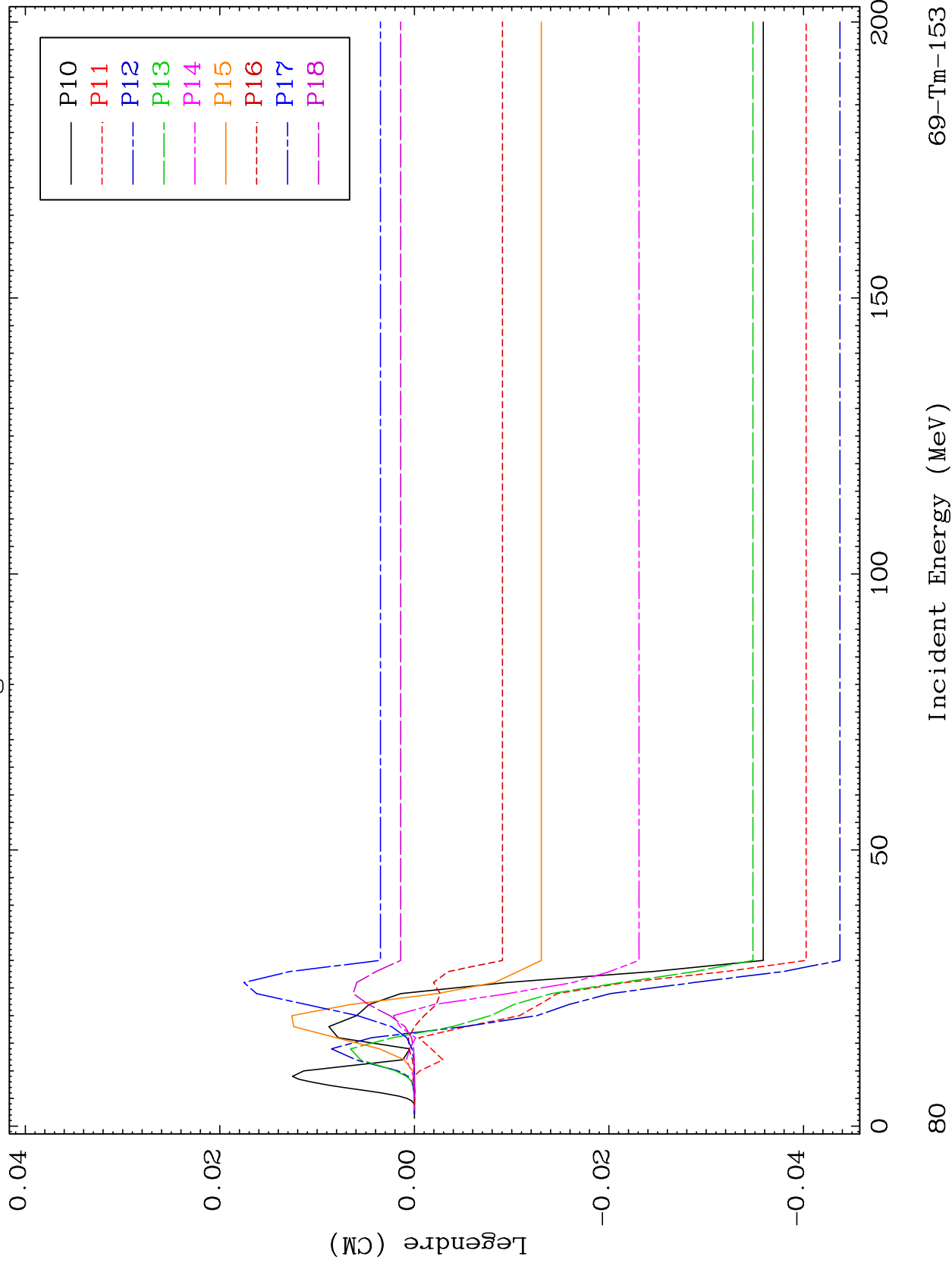




MAT 6877

1.134 MeV (n,n') Level
Legendre Coefficients

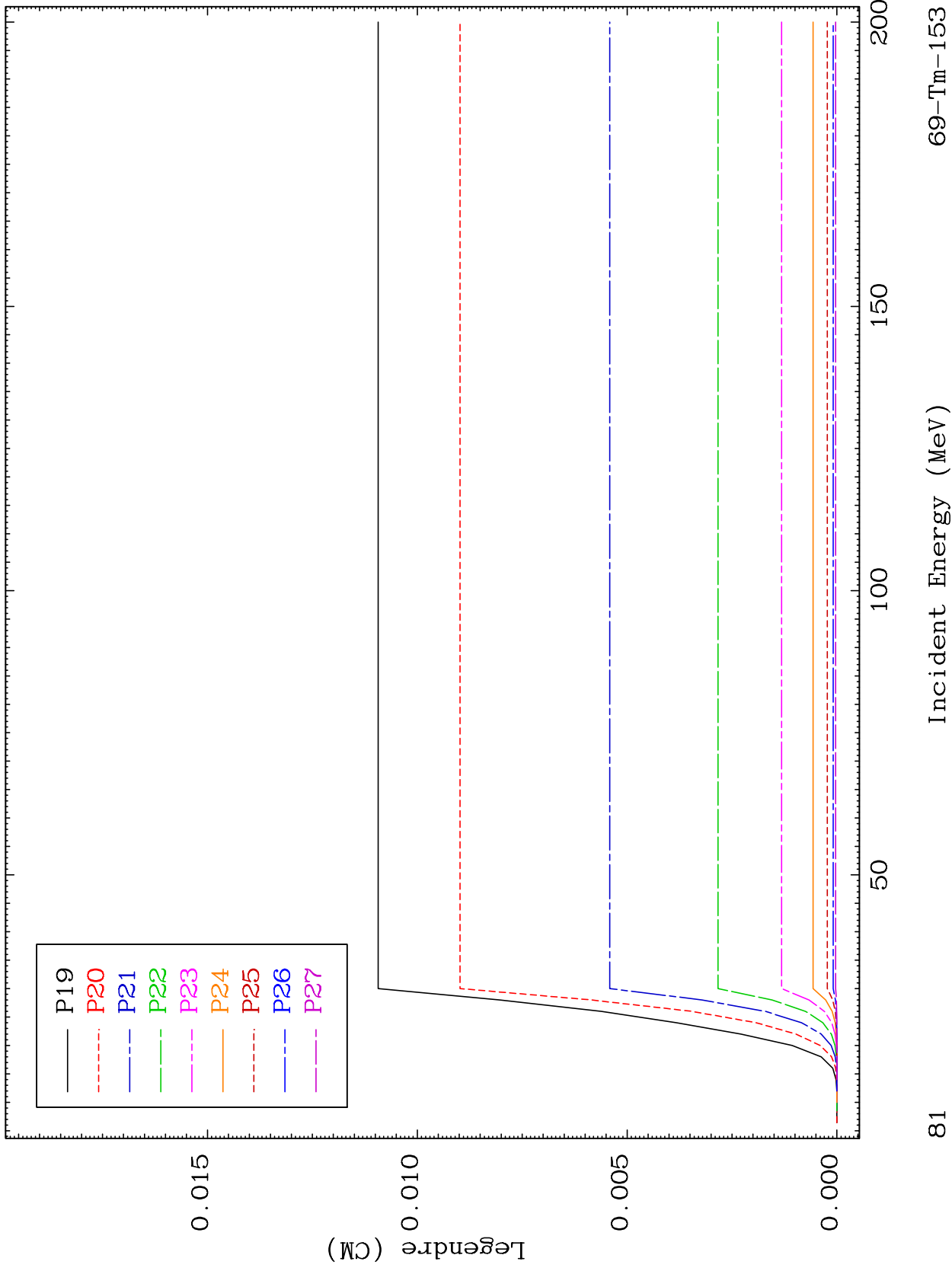
69-Tm-153



69-Tm-153

Incident Energy (MeV)

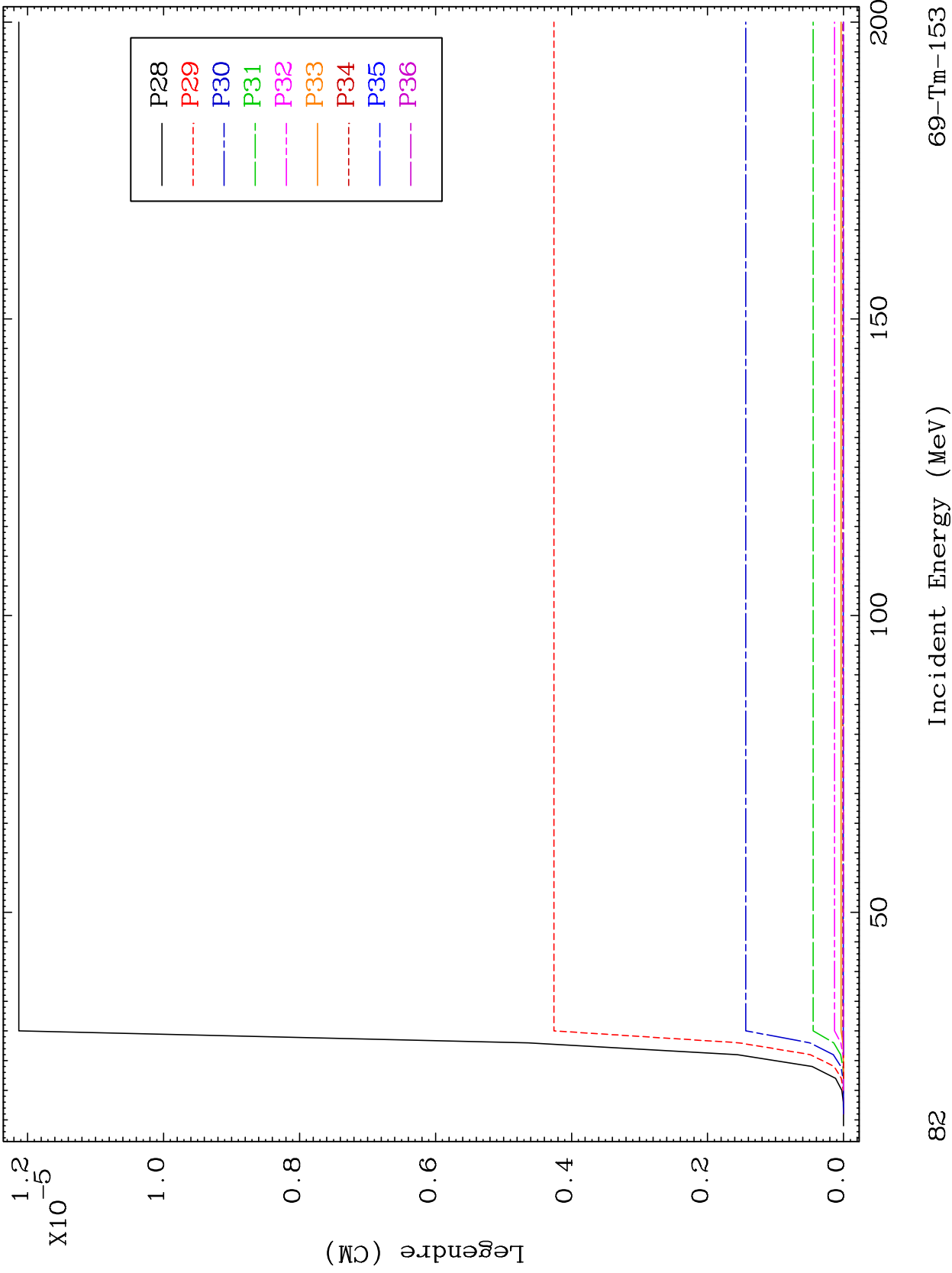
80



MAT 6877

1.134 MeV (n,n') Level
Legendre Coefficients

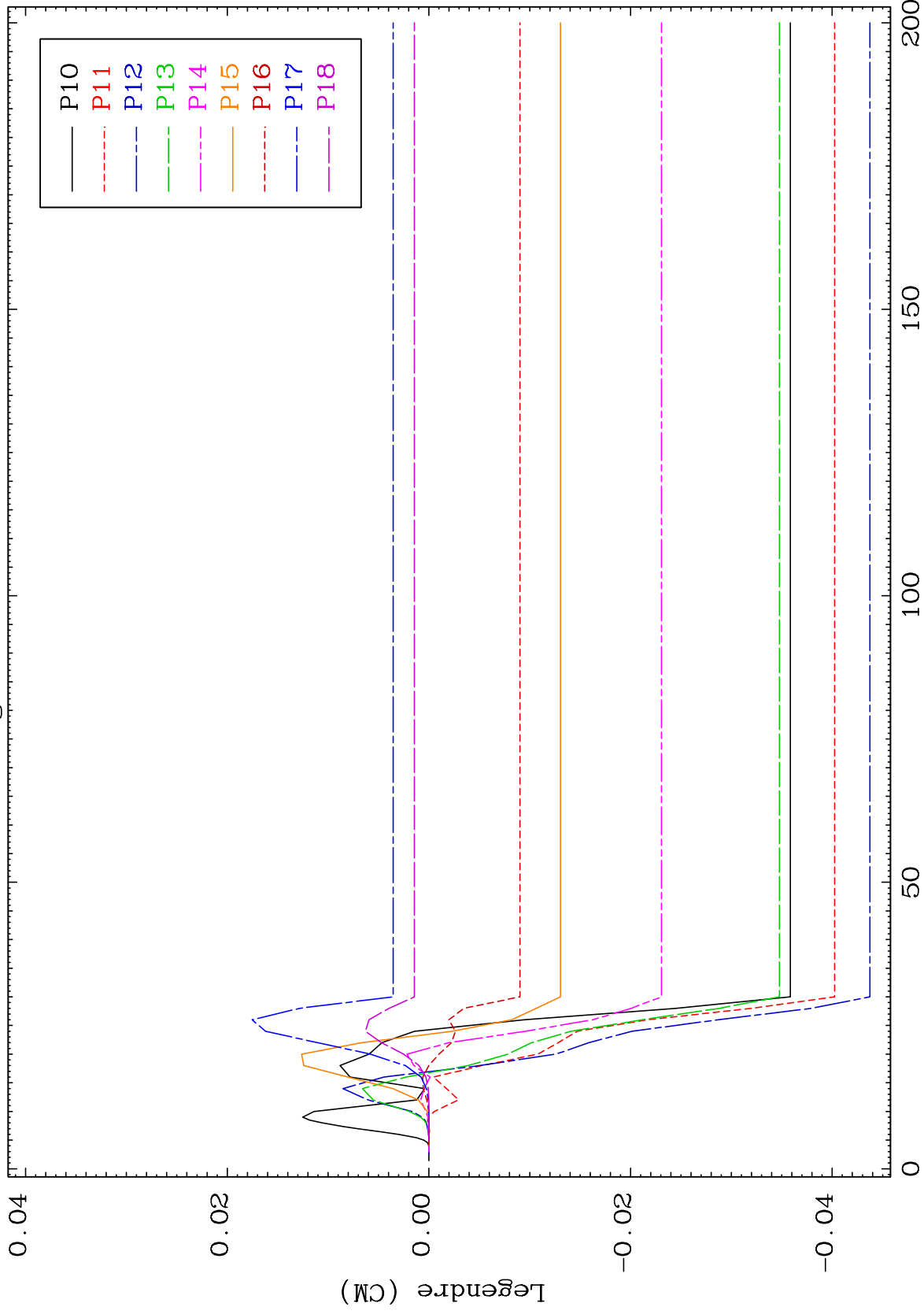
69-Tm-153



82

Incident Energy (MeV)

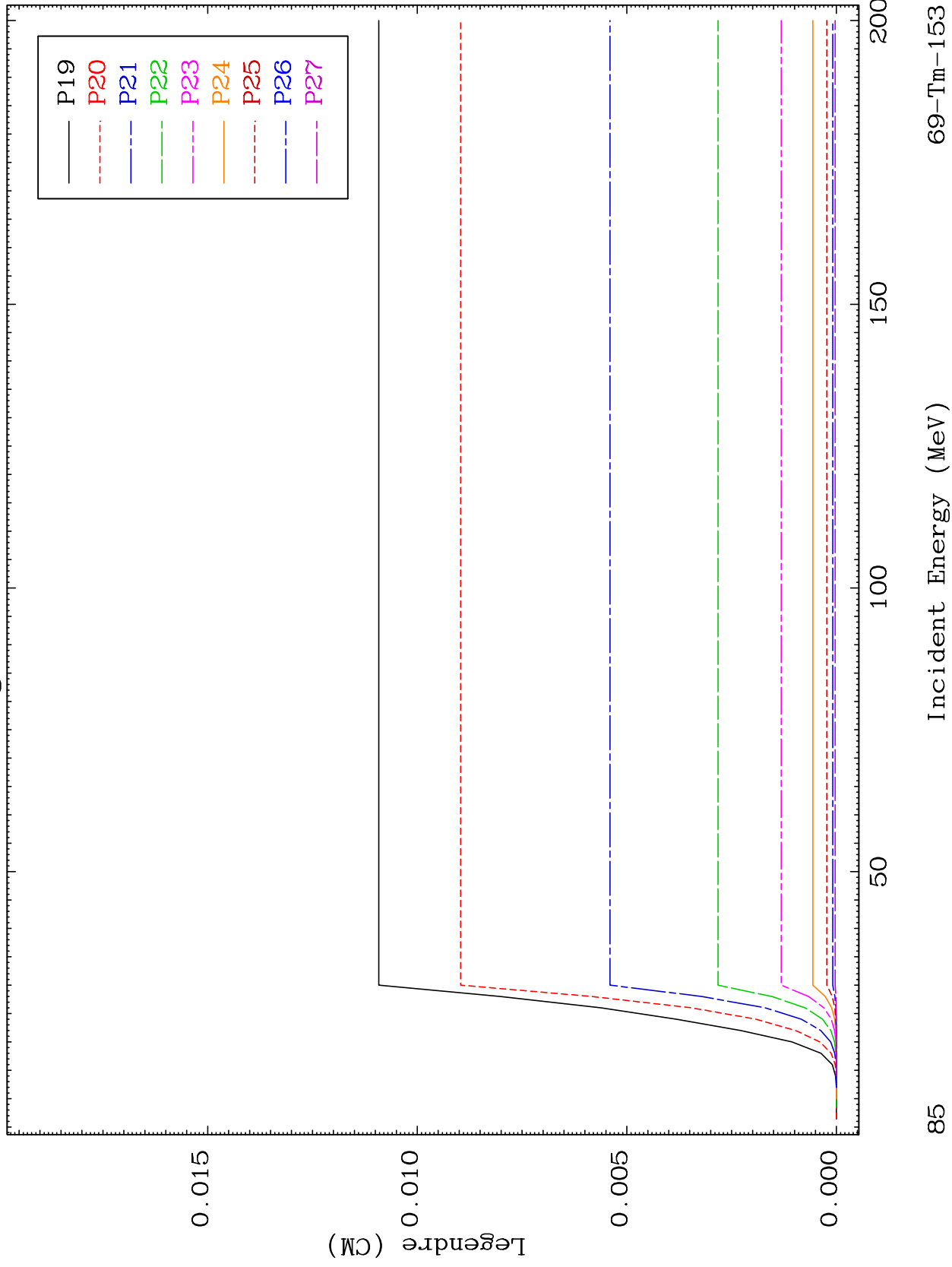
69-Tm-153



MAT 6877

1.152 MeV (n,n') Level
Legendre Coefficients

69-Tm-153



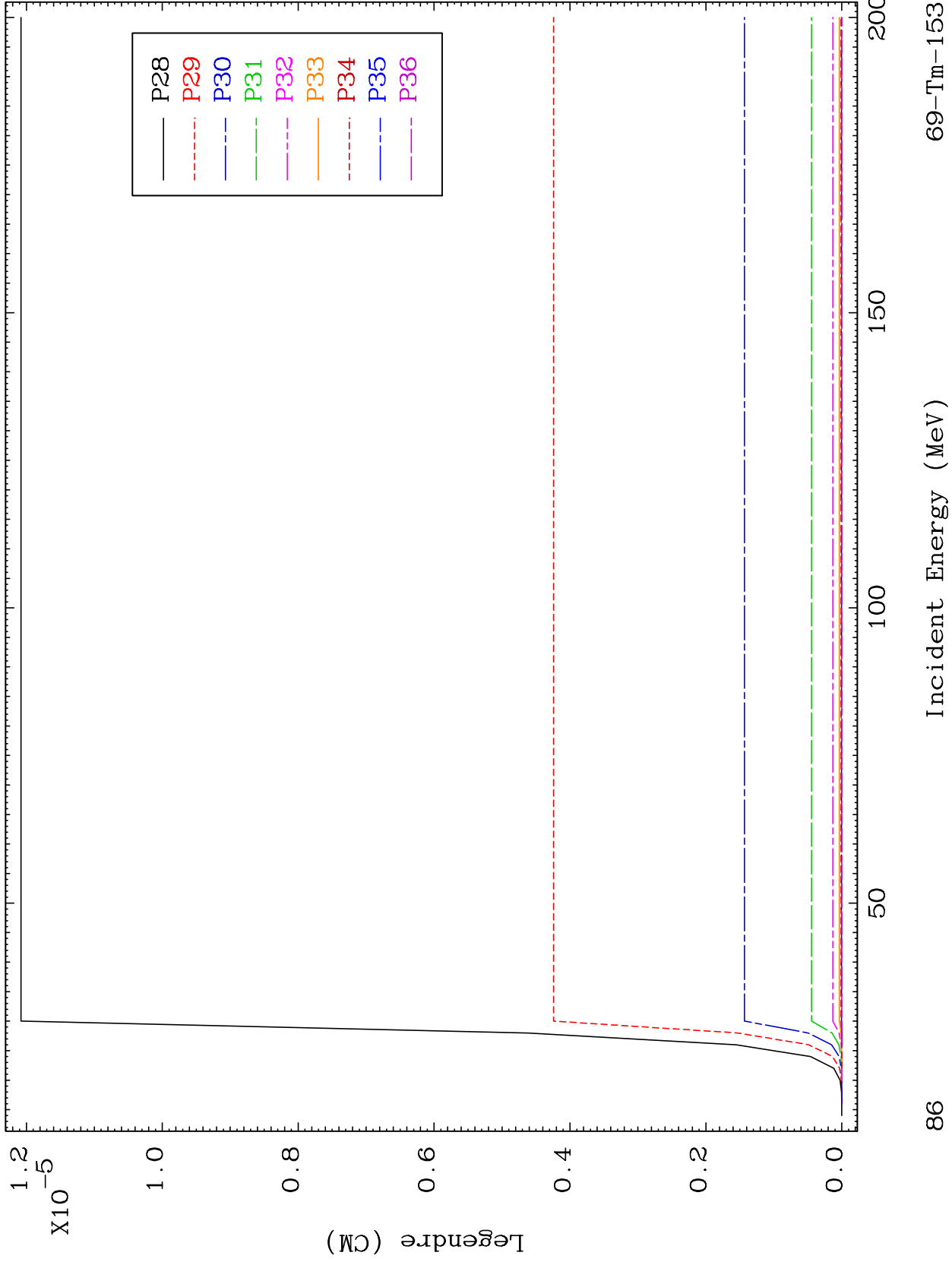
85

200

MAT 6877

1.152 MeV (n,n') Level
Legendre Coefficients

69-Tm-153

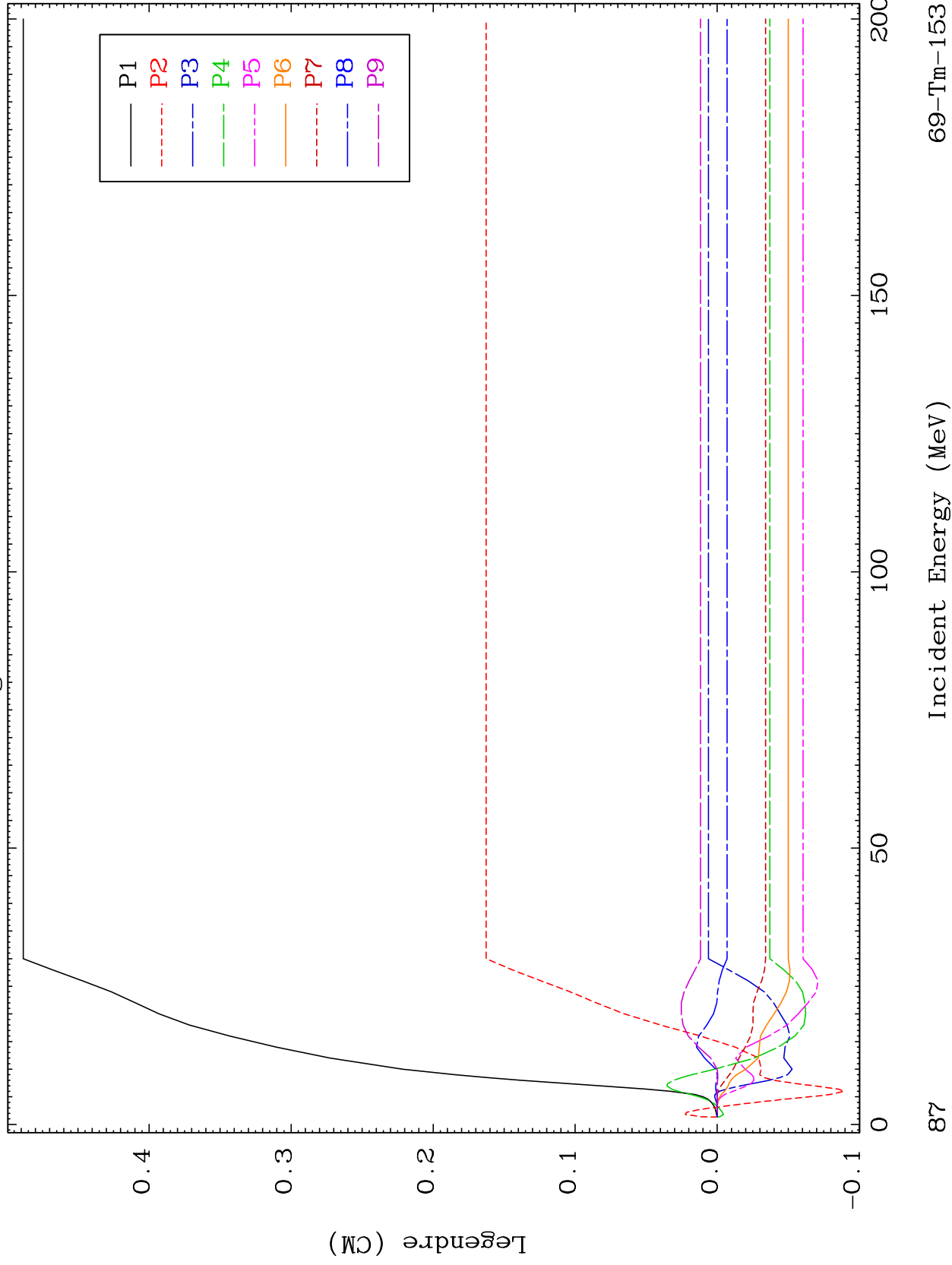


86

MAT 6877

1.327 MeV (n,n') Level
Legendre Coefficients

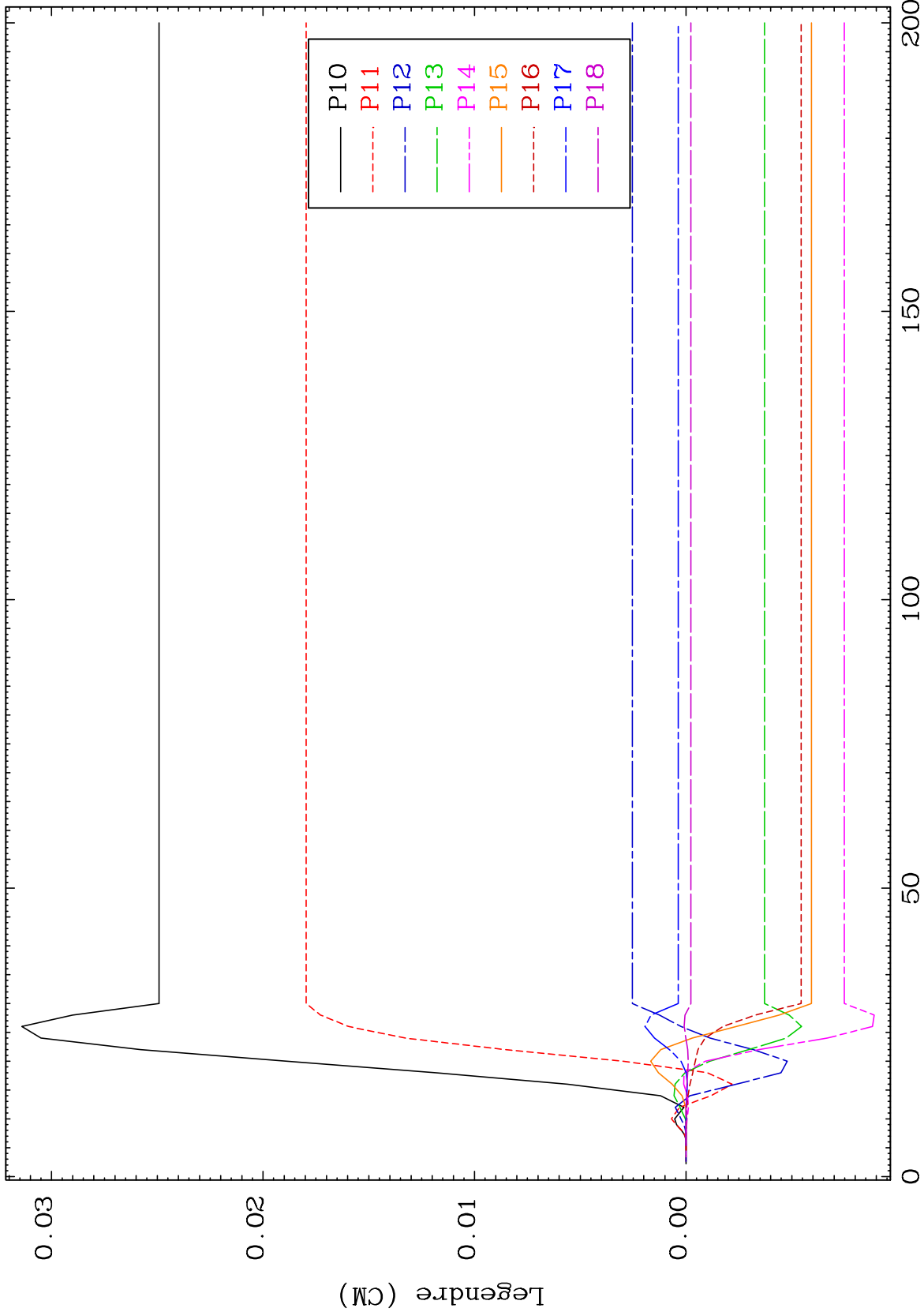
69-Tm-153

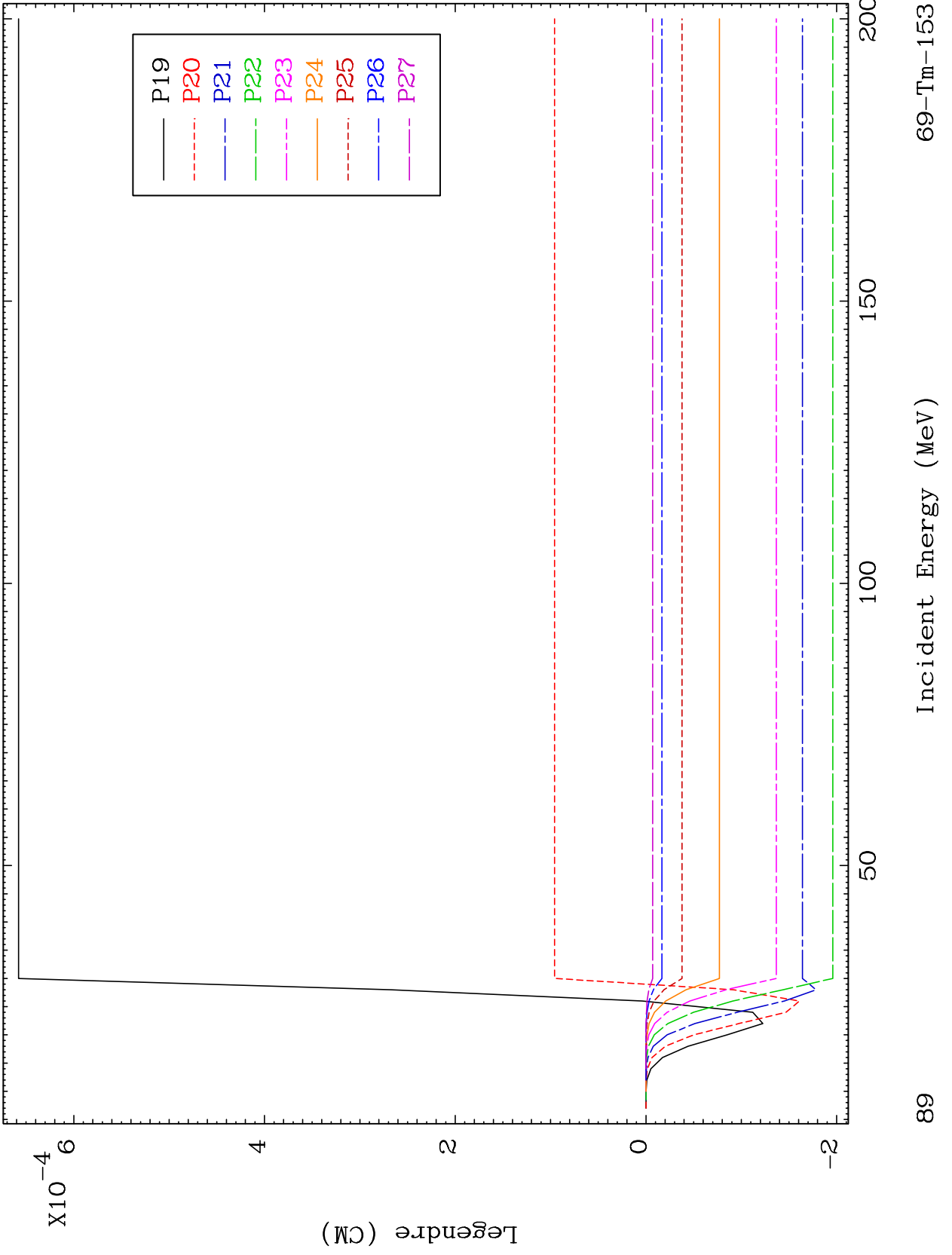


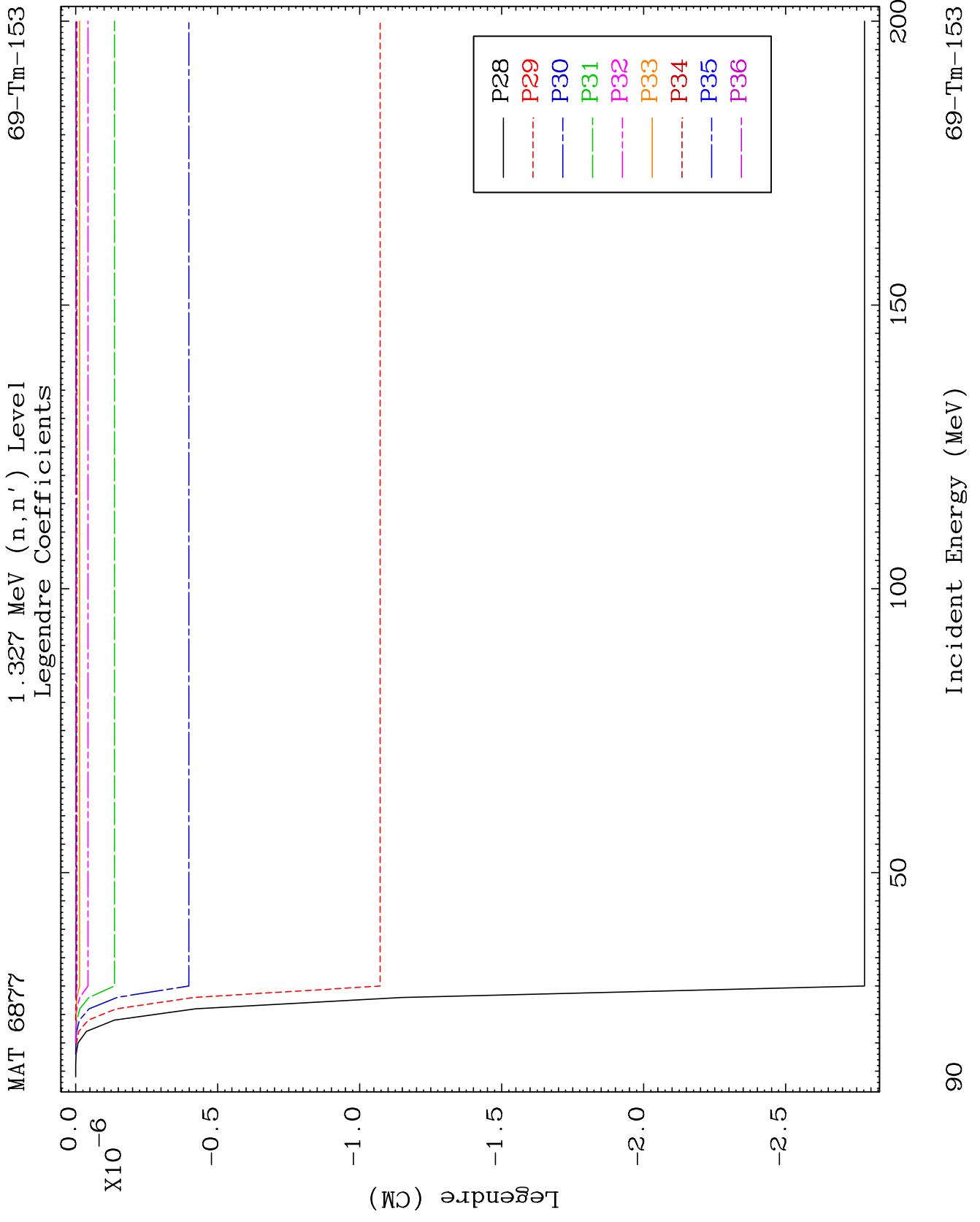
69-Tm-153

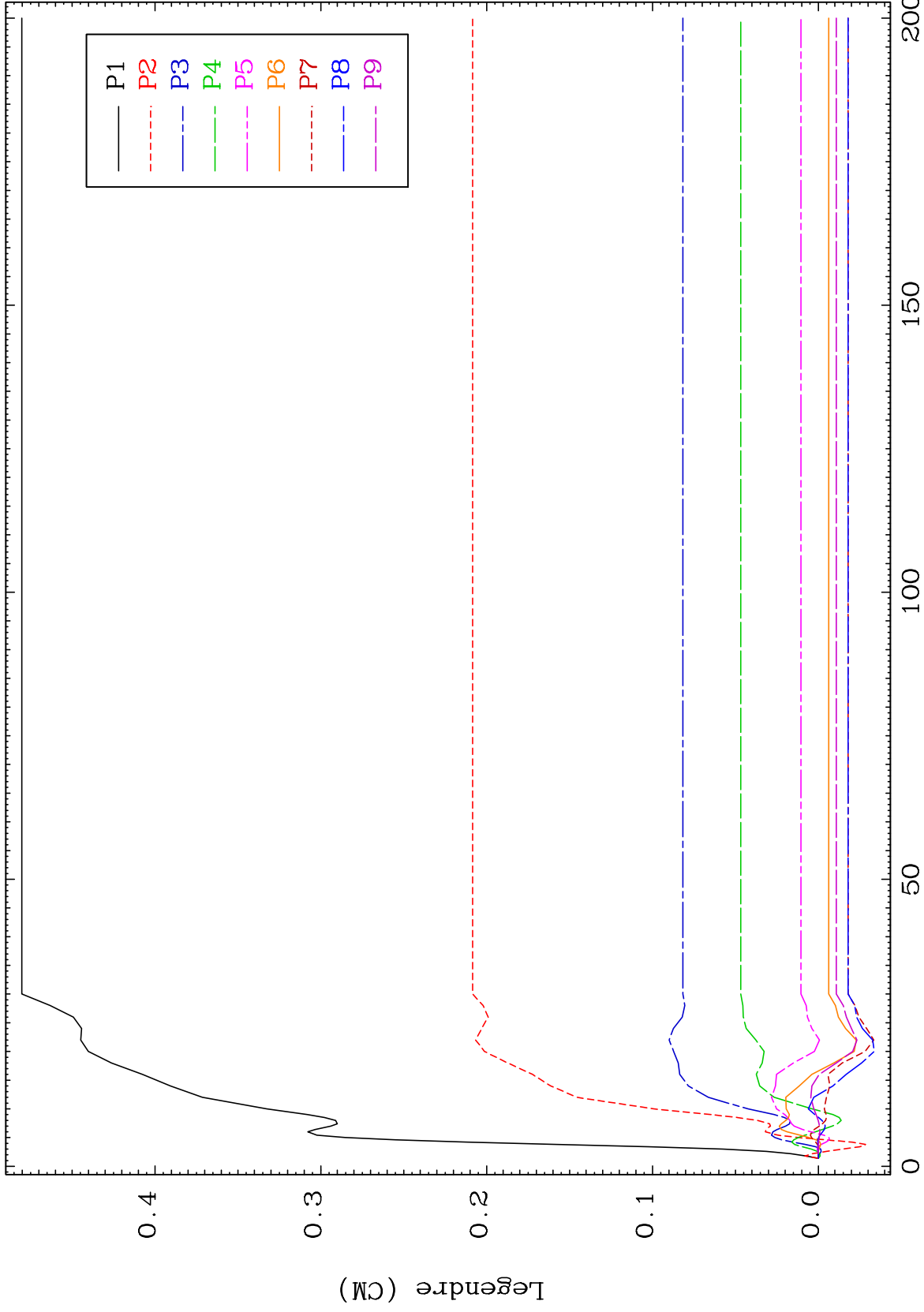
Incident Energy (MeV)

87





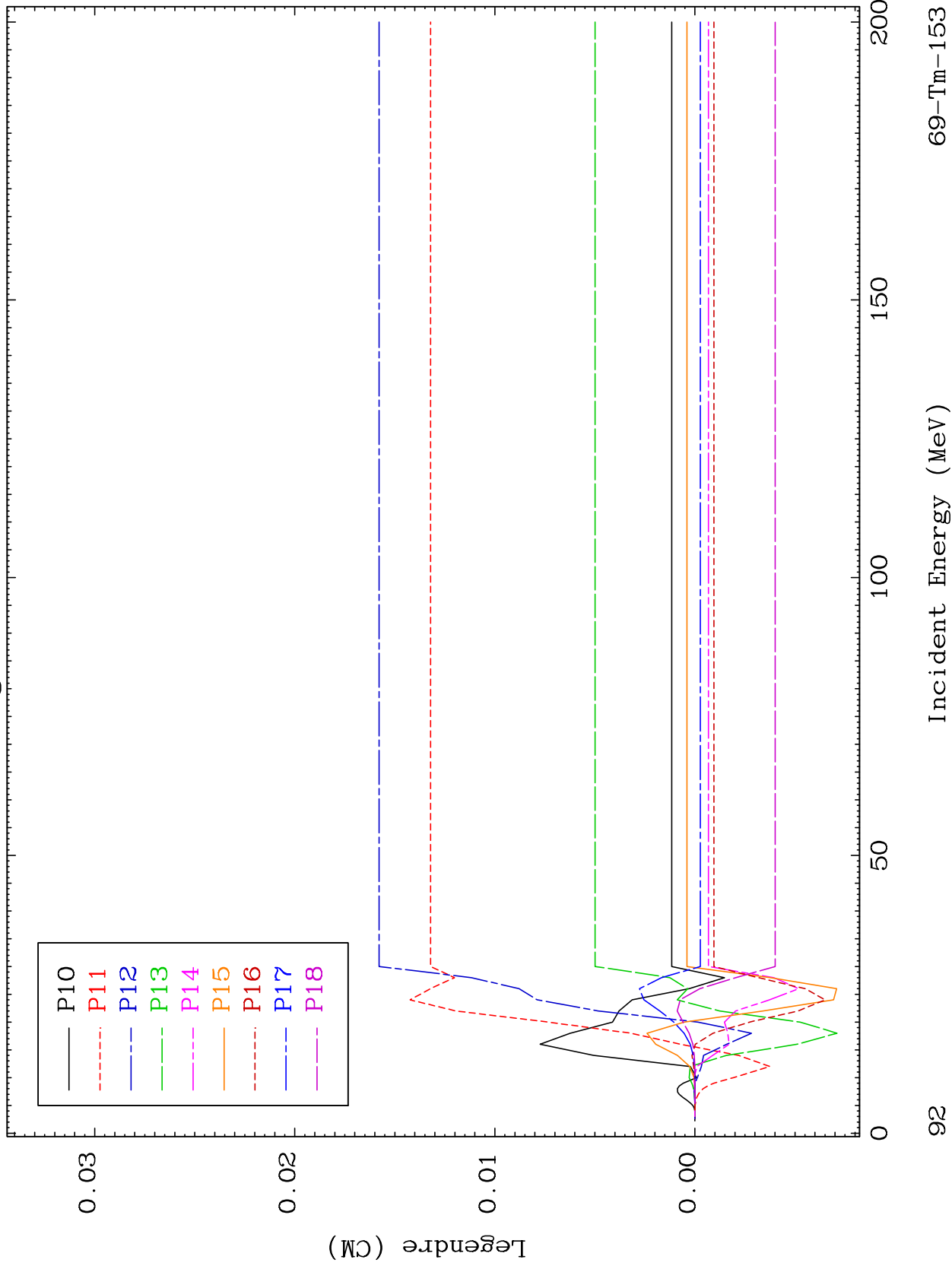




MAT 68777

1.365 MeV (n,n') Level
Legendre Coefficients

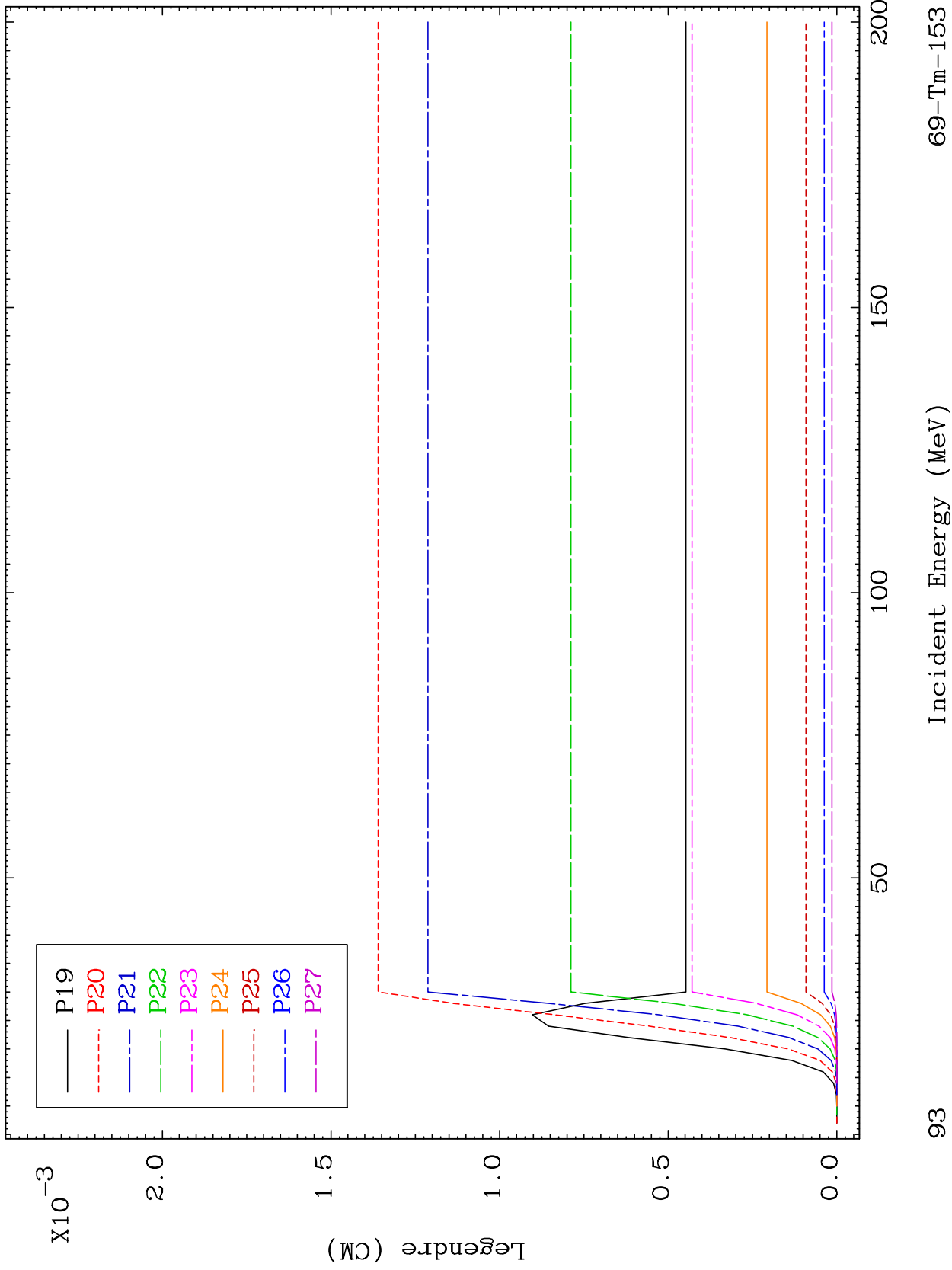
69-Tm-153



69-Tm-153

Incident Energy (MeV)

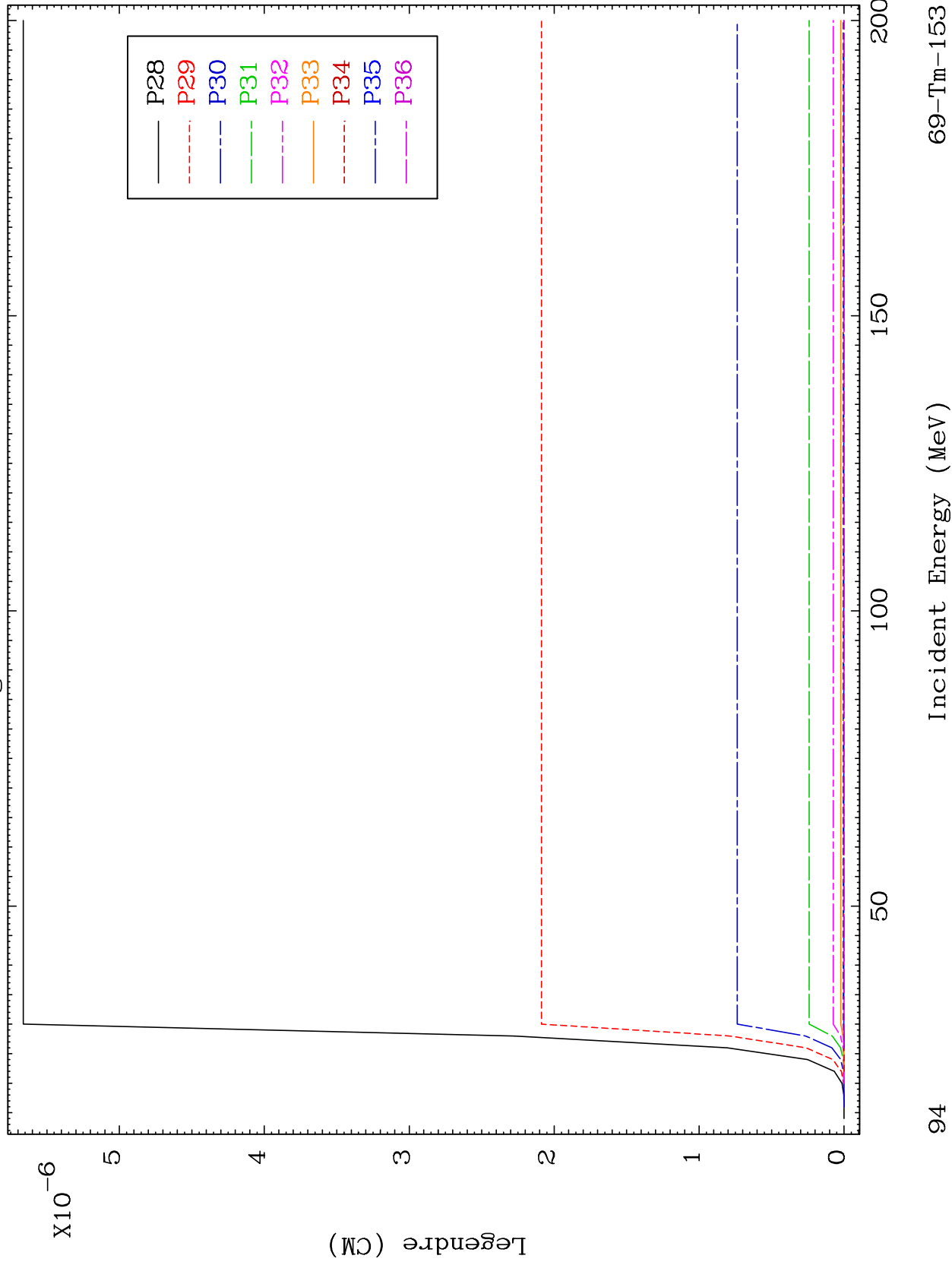
92



MAT 6877

1.365 MeV (n,n') Level
Legendre Coefficients

69-Tm-153



94

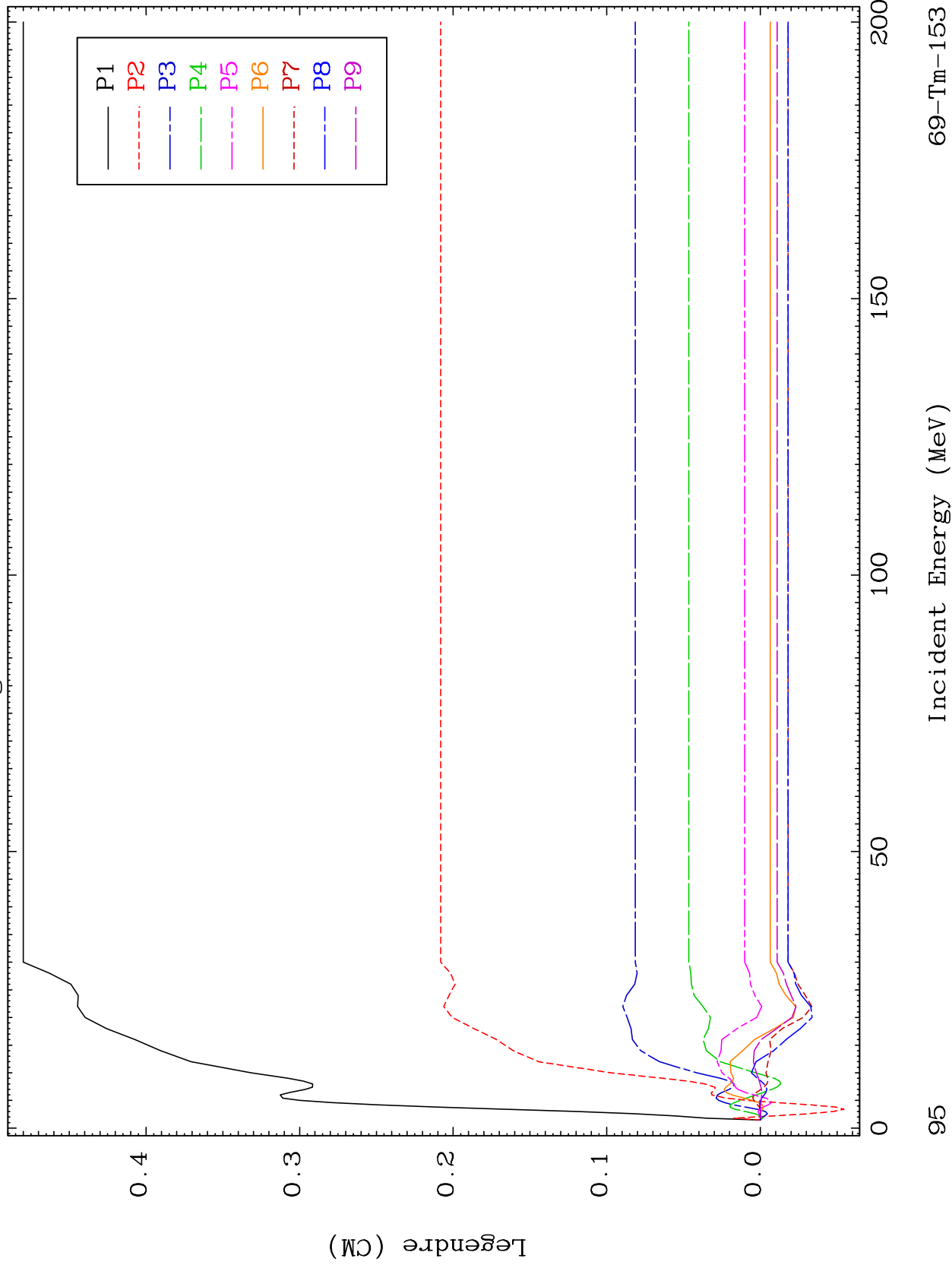
Incident Energy (MeV)

69-Tm-153

MAT 6877

1.439 MeV (n,n') Level
Legendre Coefficients

69-Tm-153



69-Tm-153

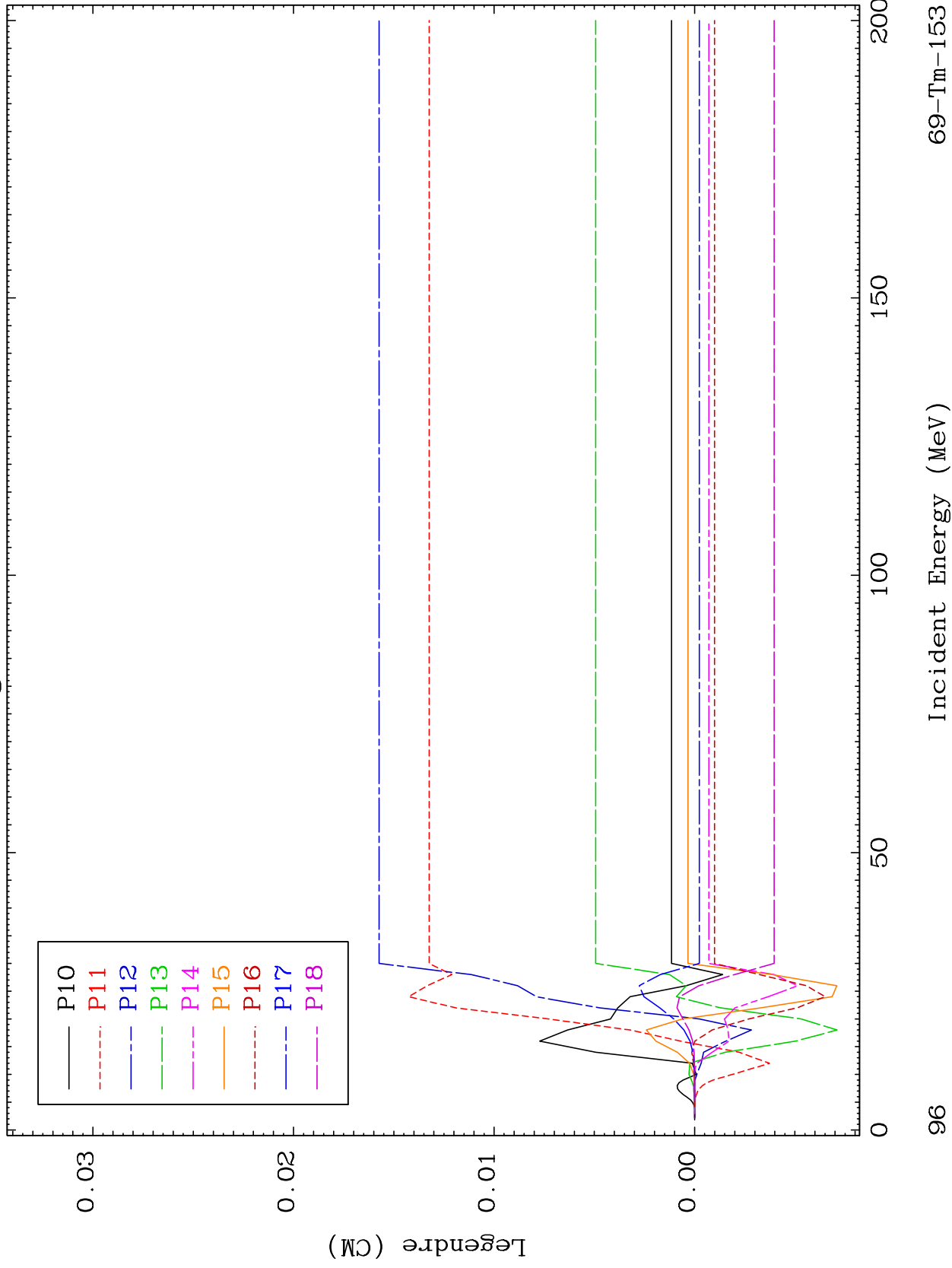
Incident Energy (MeV)

95

MAT 68777

1.439 MeV (n,n') Level
Legendre Coefficients

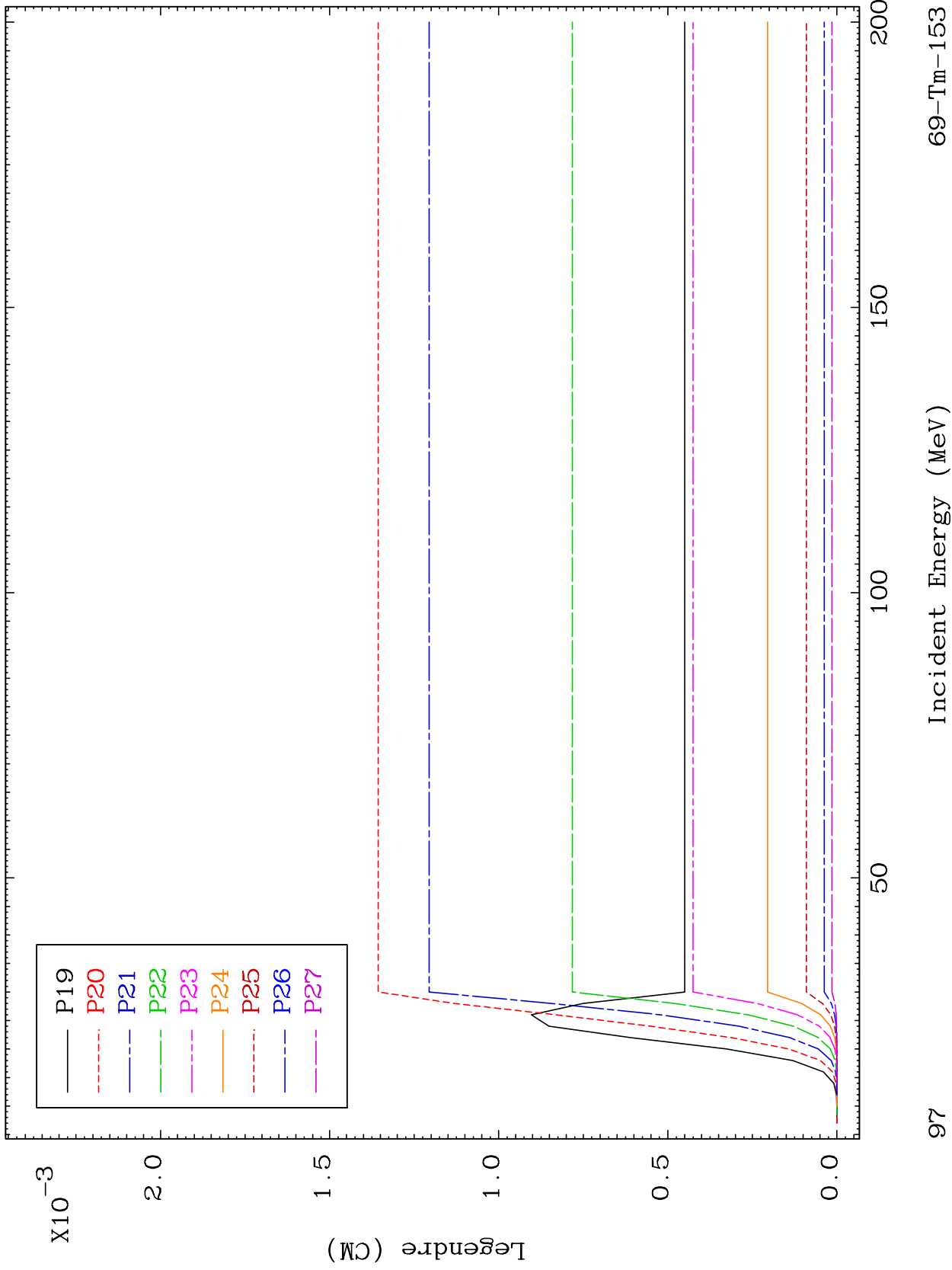
69-Tm-153



69-Tm-153

Incident Energy (MeV)

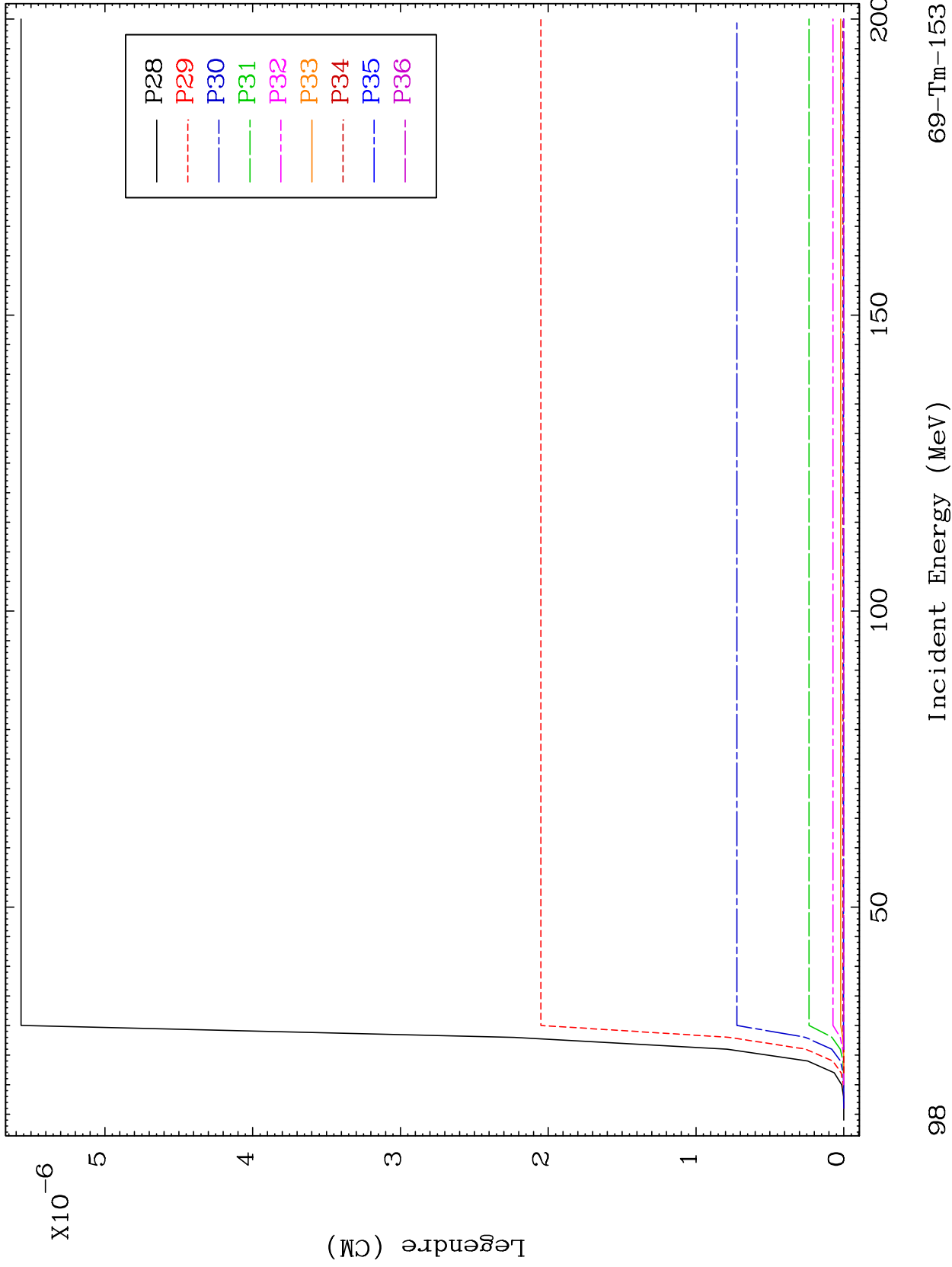
96



MAT 6877

1.439 MeV (n,n') Level
Legendre Coefficients

69-Tm-153



98

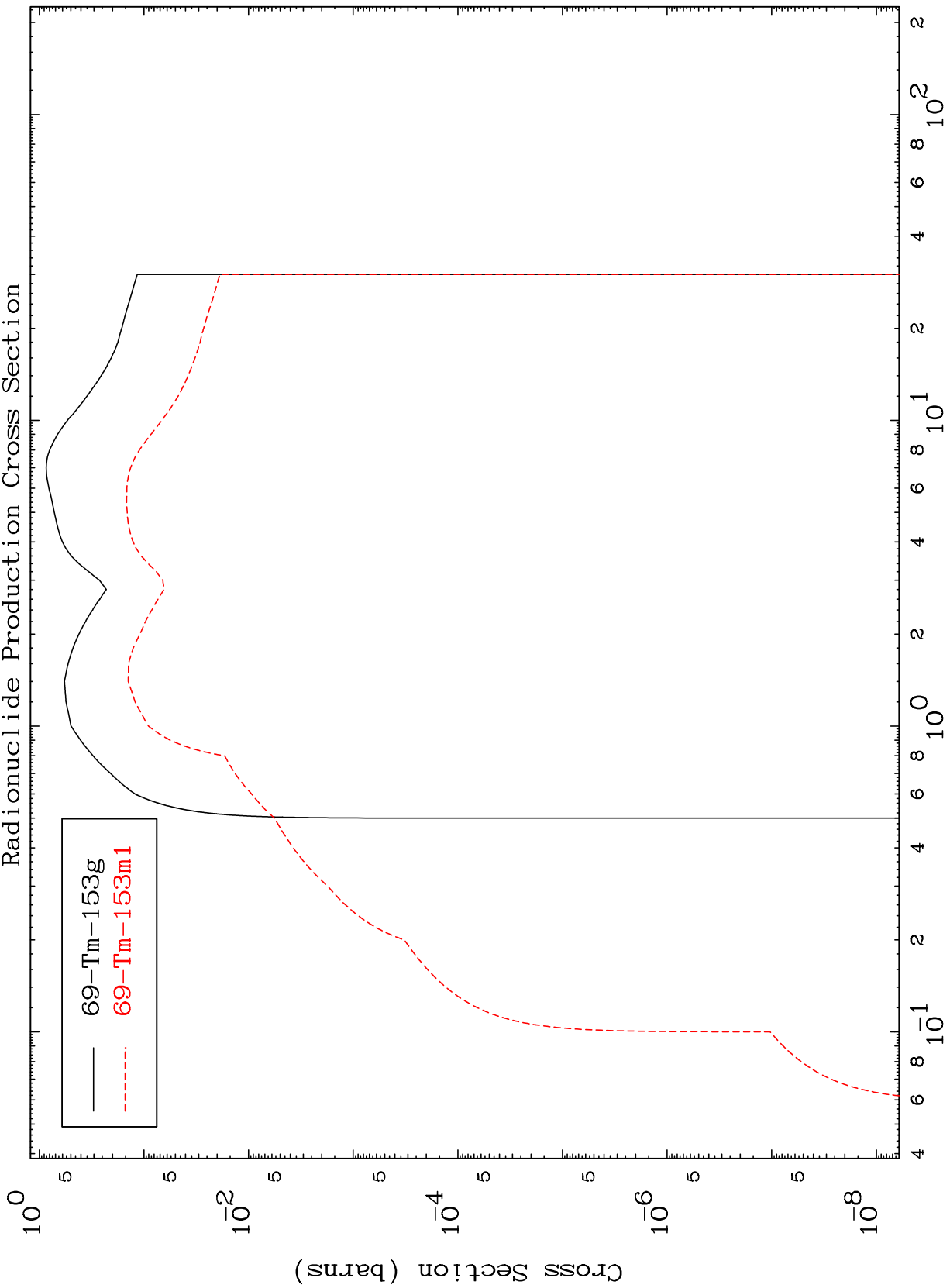
Incident Energy (MeV)

69-Tm-153

MAT 6877

69-Tm-153

Inelastic
Radionuclide Production Cross Section



69-Tm-153g
69-Tm-153m1

99

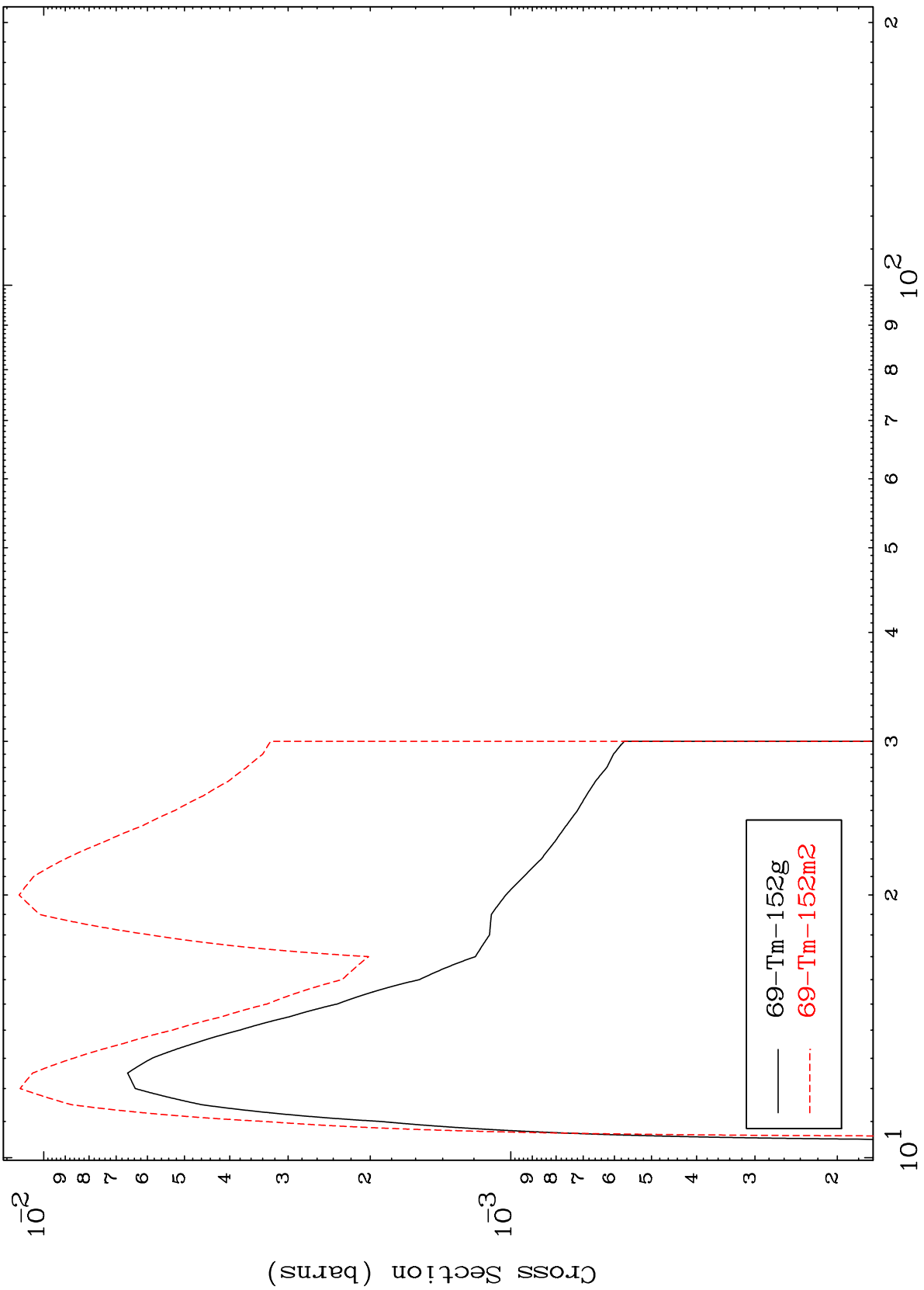
69-Tm-153

Incident Energy (MeV)

MAT 68777

69-Tm-153

(n,2n)
Radionuclide Production Cross Section



69-Tm-153

Incident Energy (MeV)

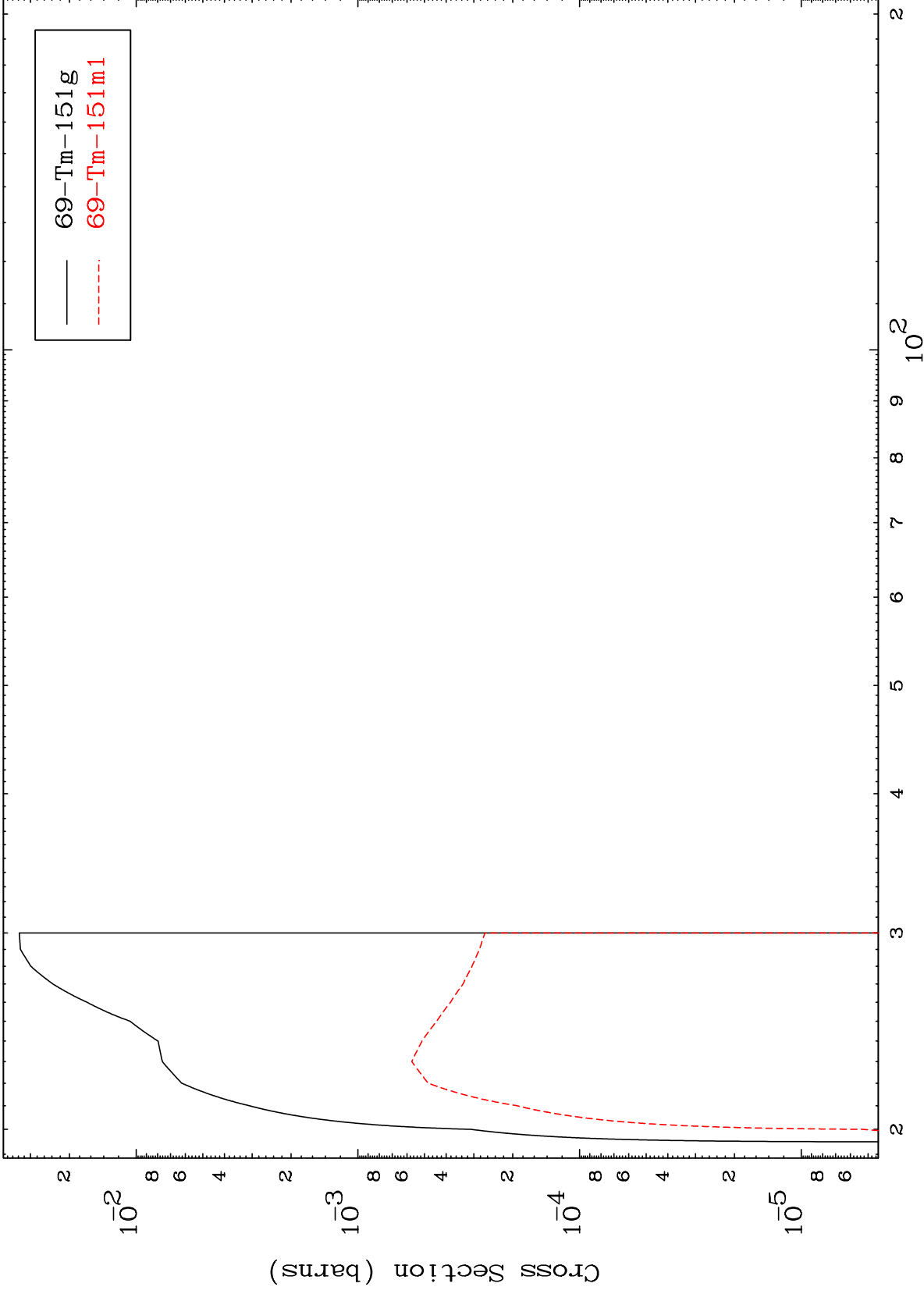
100

MAT 6877

(n,3n)

69-Tm-153

Radionuclide Production Cross Section



101

Incident Energy (MeV)

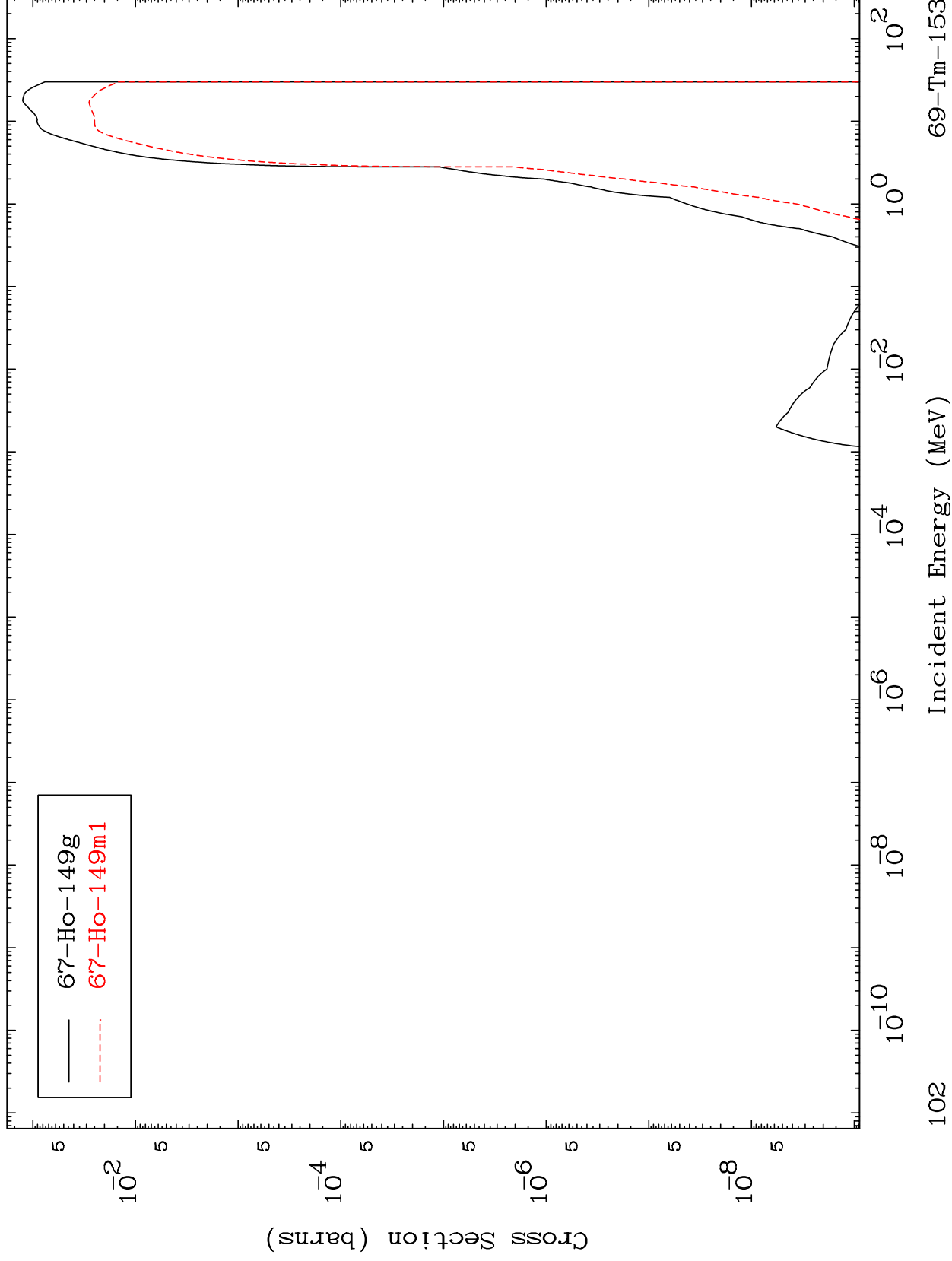
69-Tm-153

MAT 6877

$(n, n') \alpha$

69-Tm-153

Radionuclide Production Cross Section



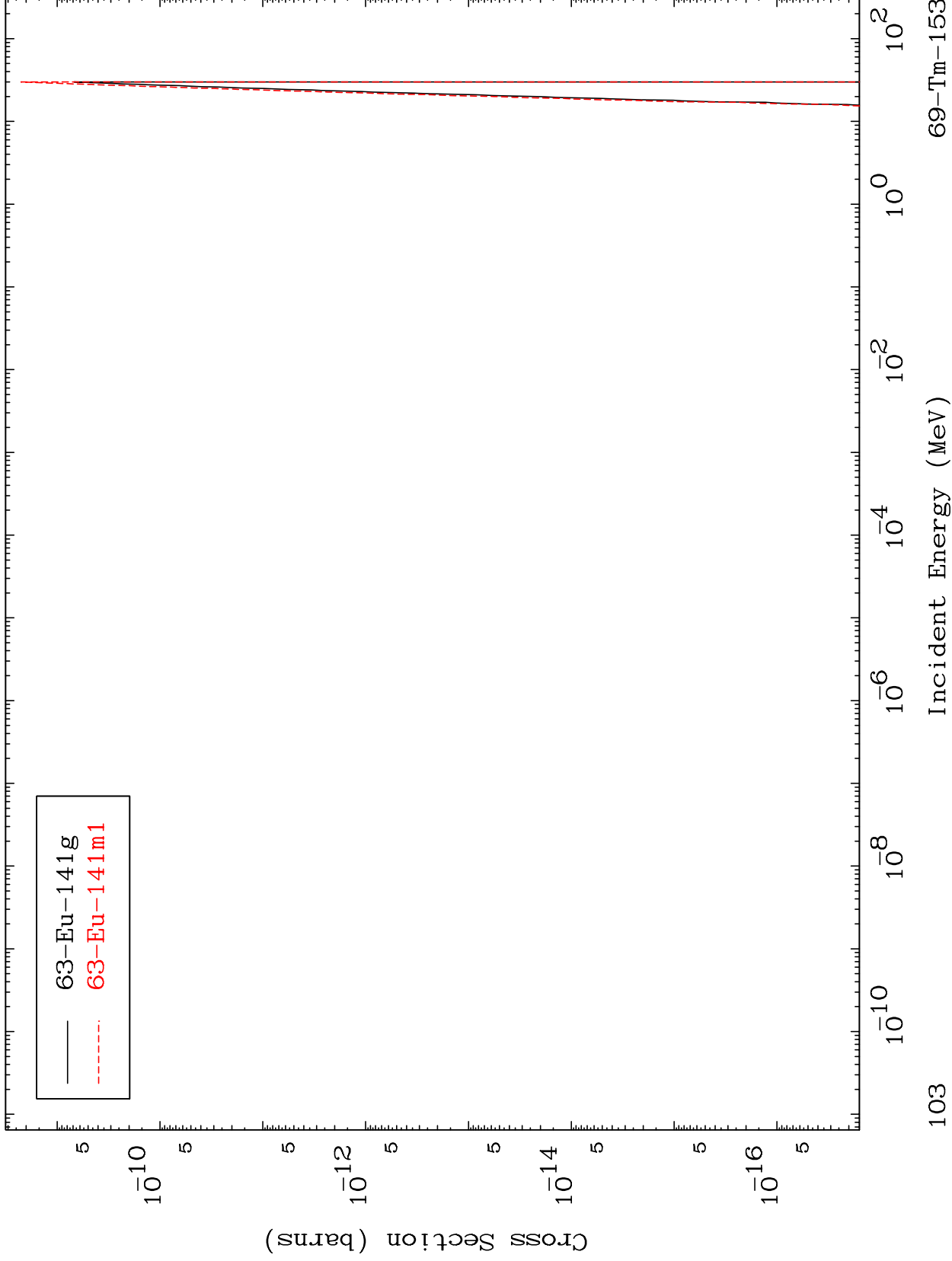
102

MAT 6877

(n,n') 3 α

69-Tm-153

Radionuclide Production Cross Section

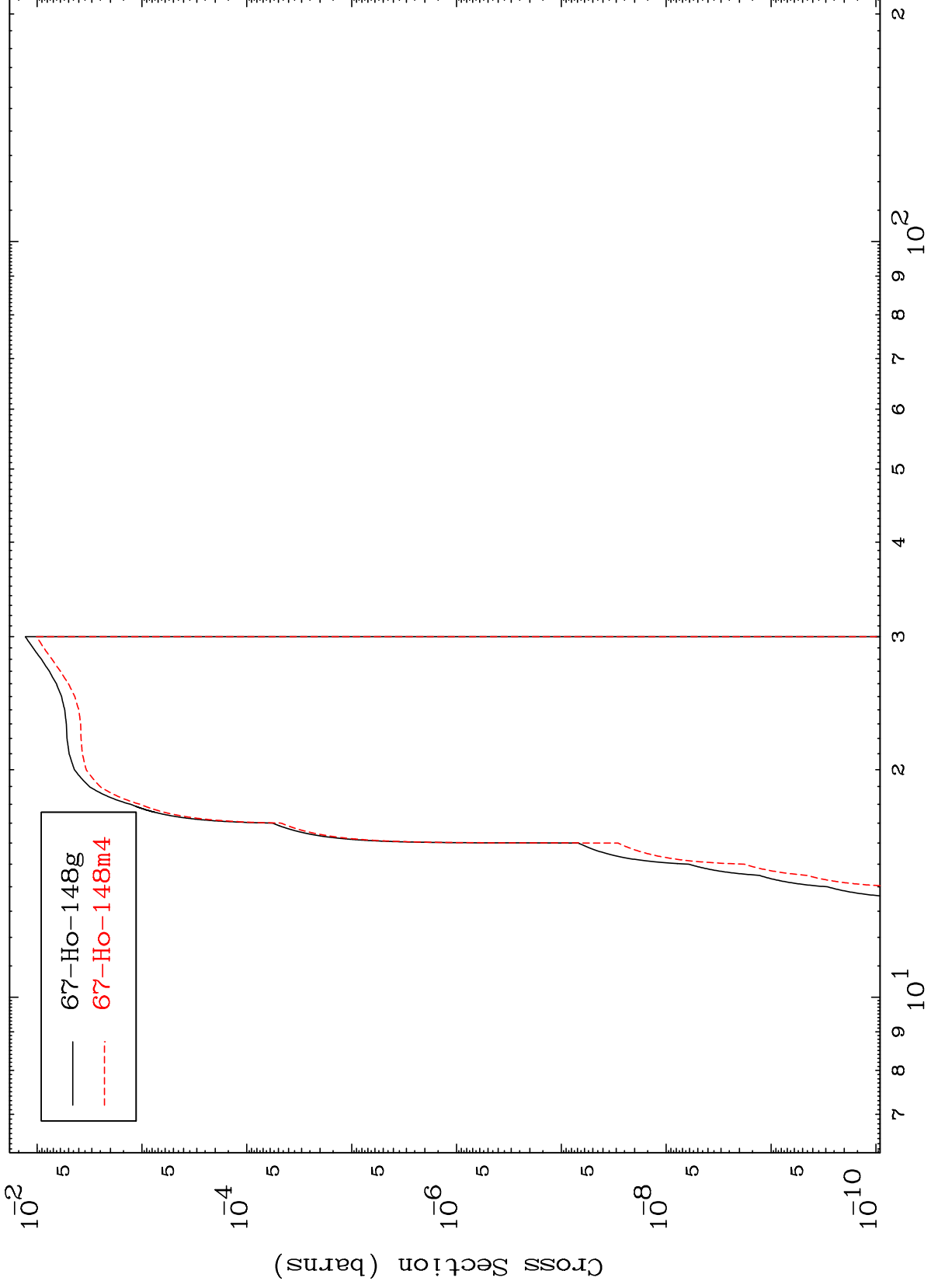


MAT 68777

$(n,2n) \alpha$

69-Tm-153

Radionuclide Production Cross Section



67-Ho-148g
67-Ho-148m4

104

Incident Energy (MeV)

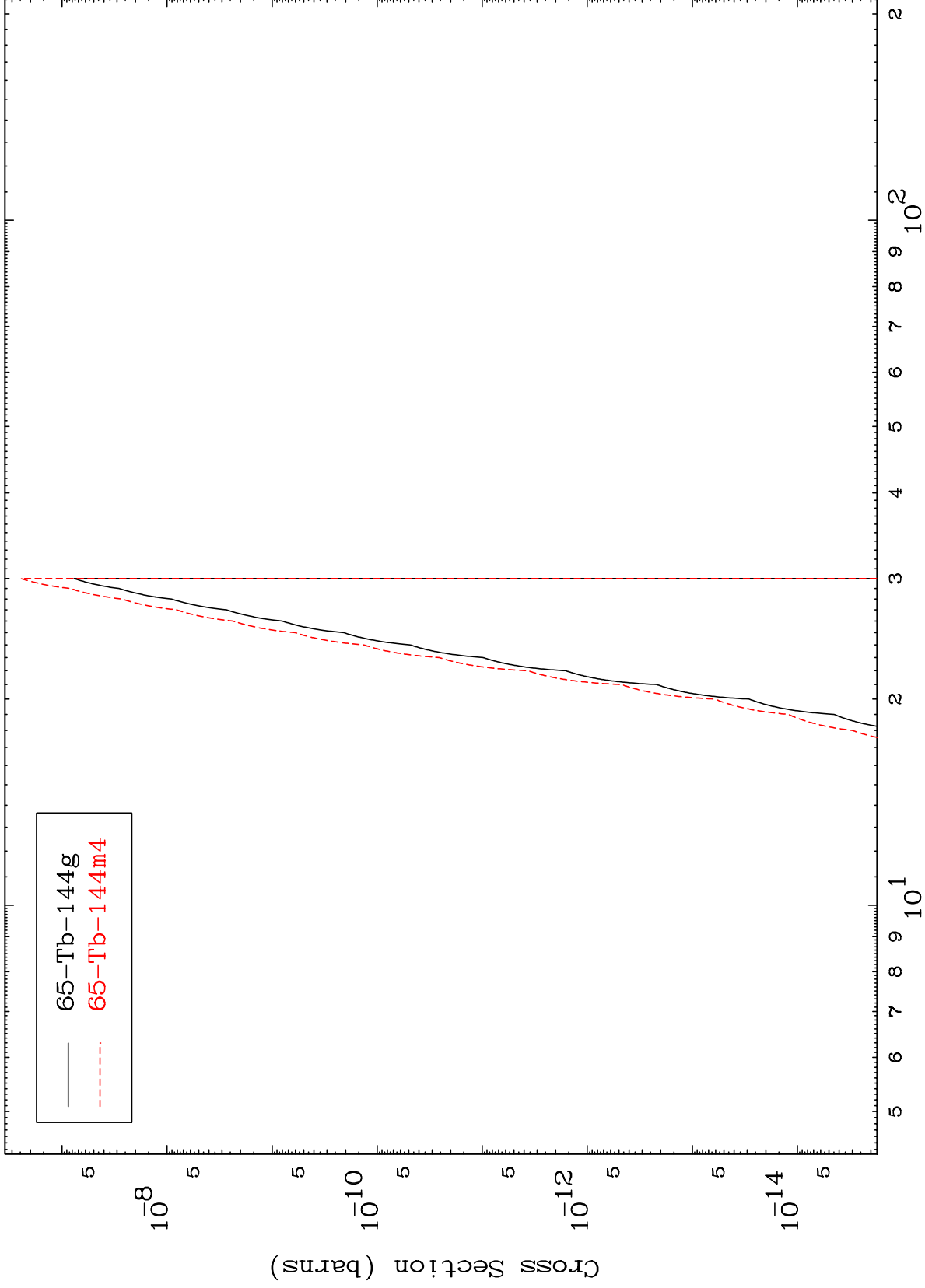
69-Tm-153

MAT 6877

(n,2n) 2α

69-Tm-153

Radionuclide Production Cross Section



105

Incident Energy (MeV)

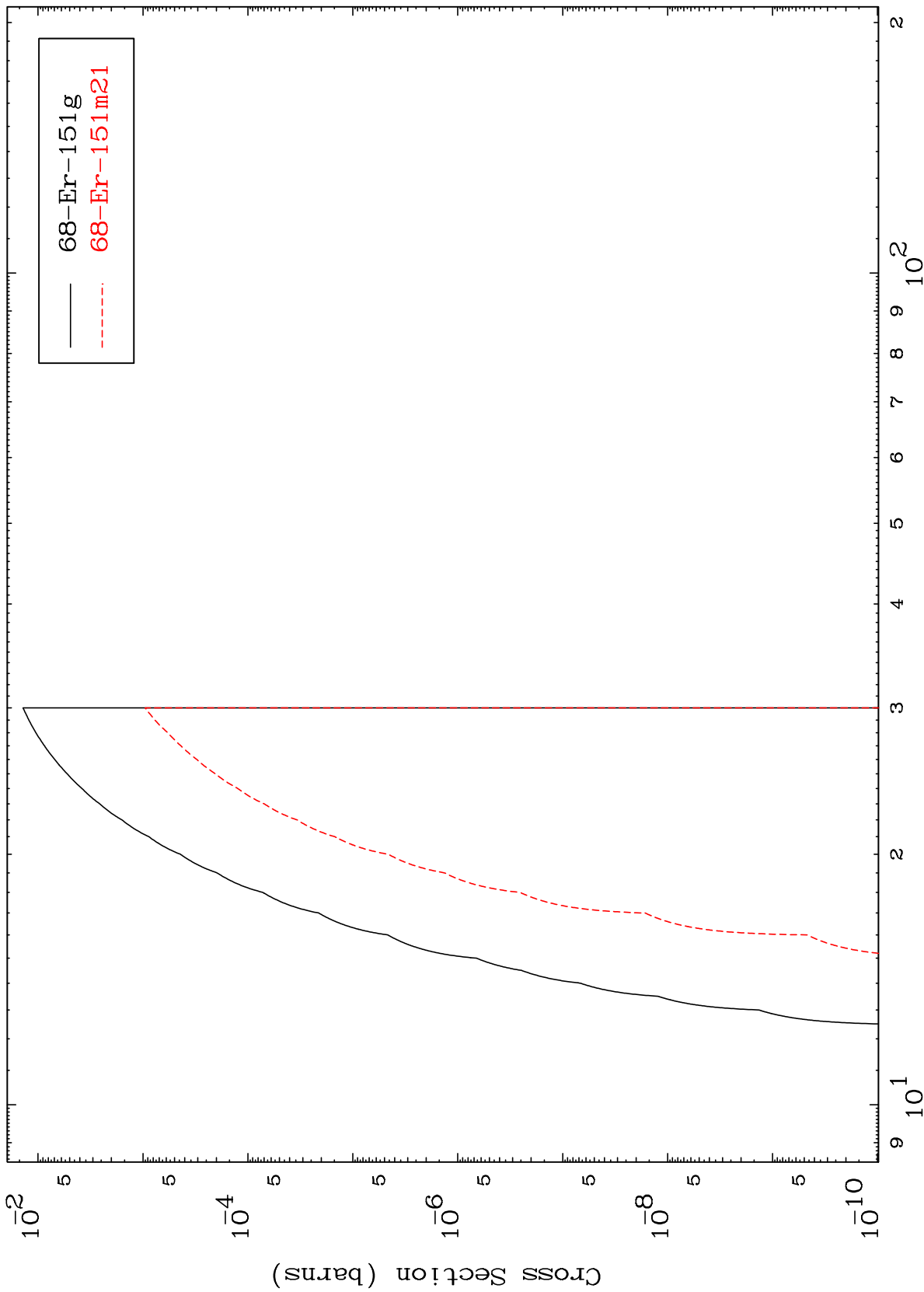
69-Tm-153

MAT 6877

(n,n') d

69-Tm-153

Radionuclide Production Cross Section



Incident Energy (MeV)

69-Tm-153

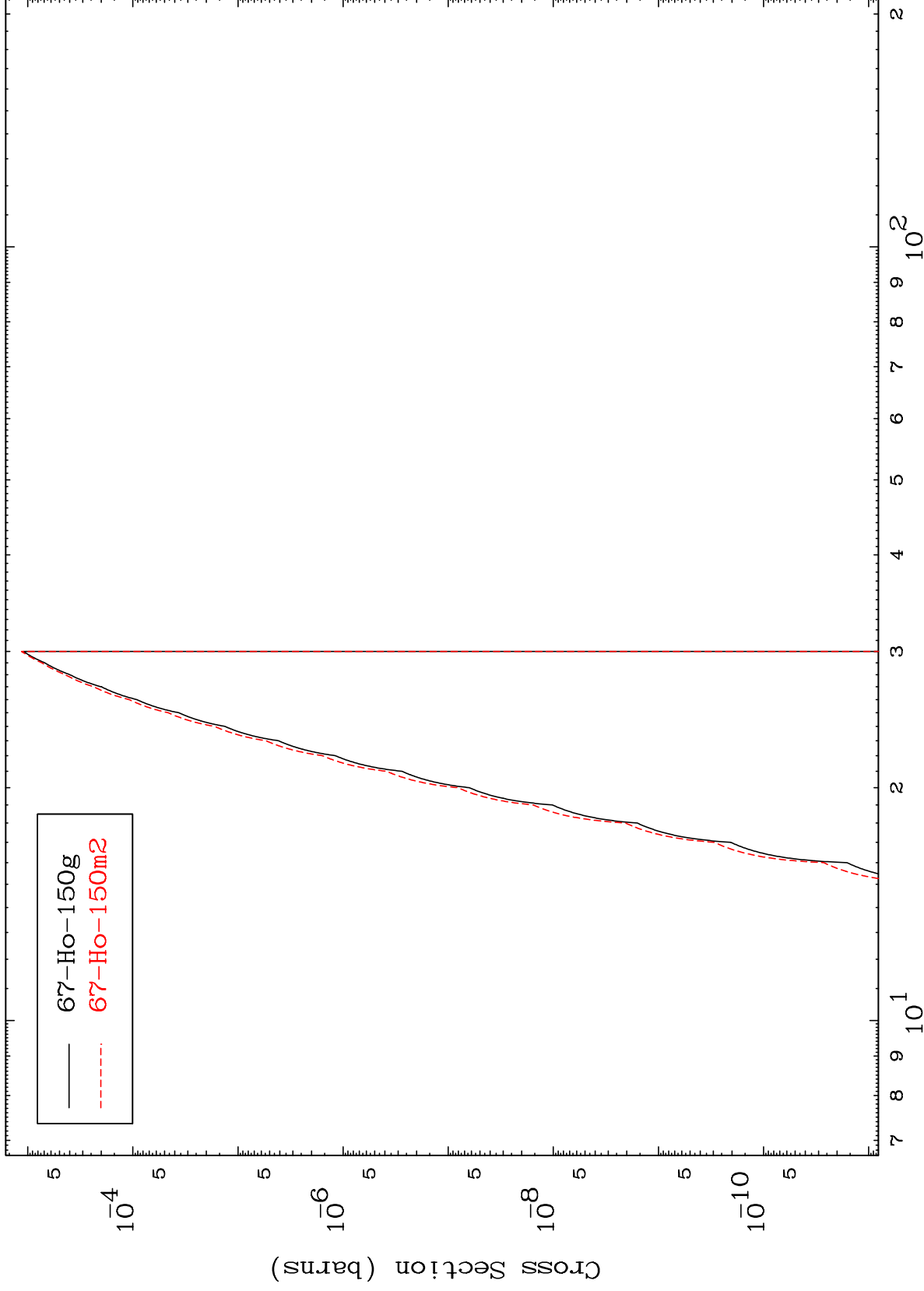
106

MAT 6877

(n,n') He-3

69-Tm-153

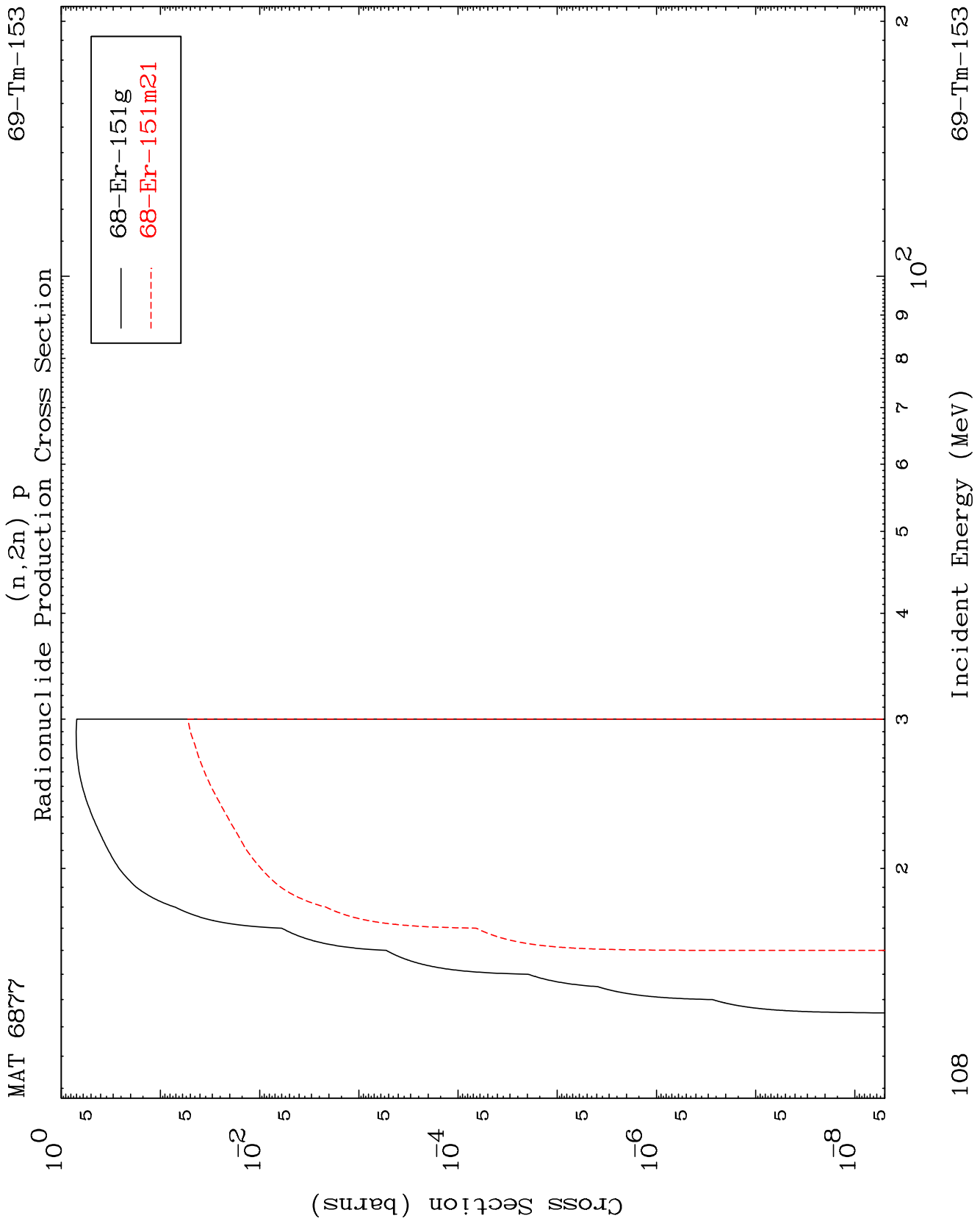
Radionuclide Production Cross Section



107

Incident Energy (MeV)

69-Tm-153

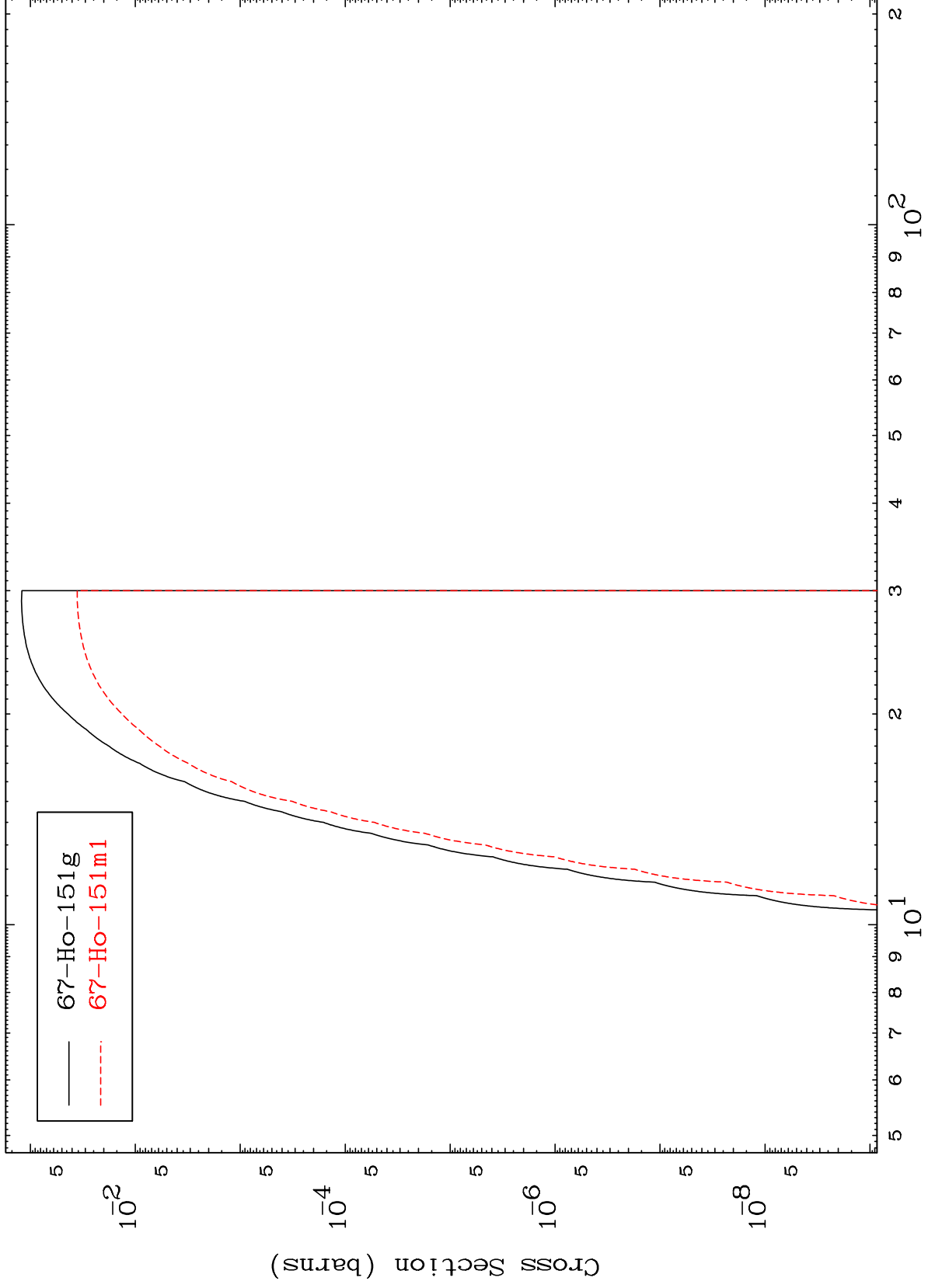


MAT 6877

(n,2n) p

69-Tm-153

Radionuclide Production Cross Section



109

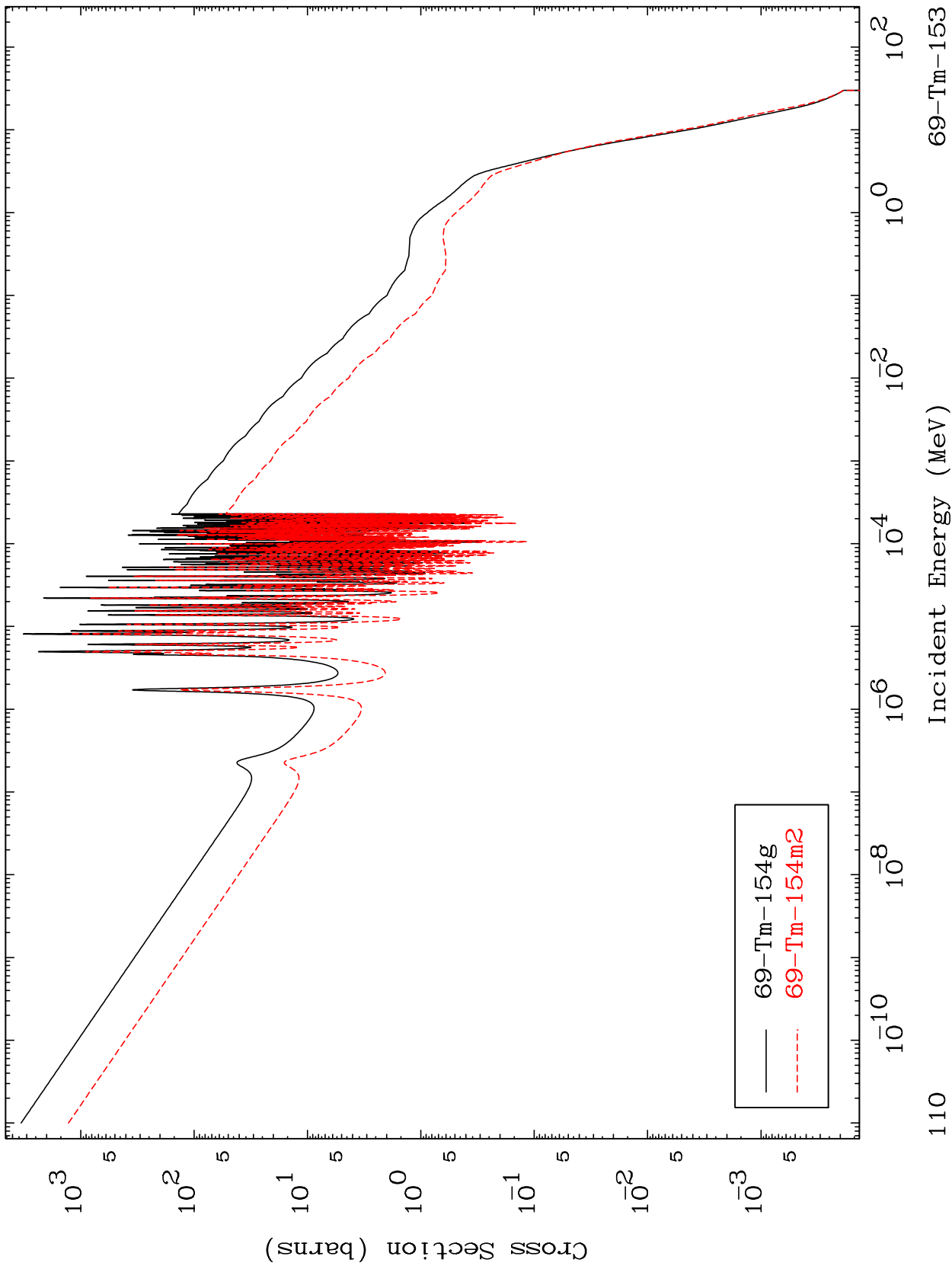
Incident Energy (MeV)

69-Tm-153

MAT 6877

69-Tm-153

(n, γ)
Radionuclide Production Cross Section



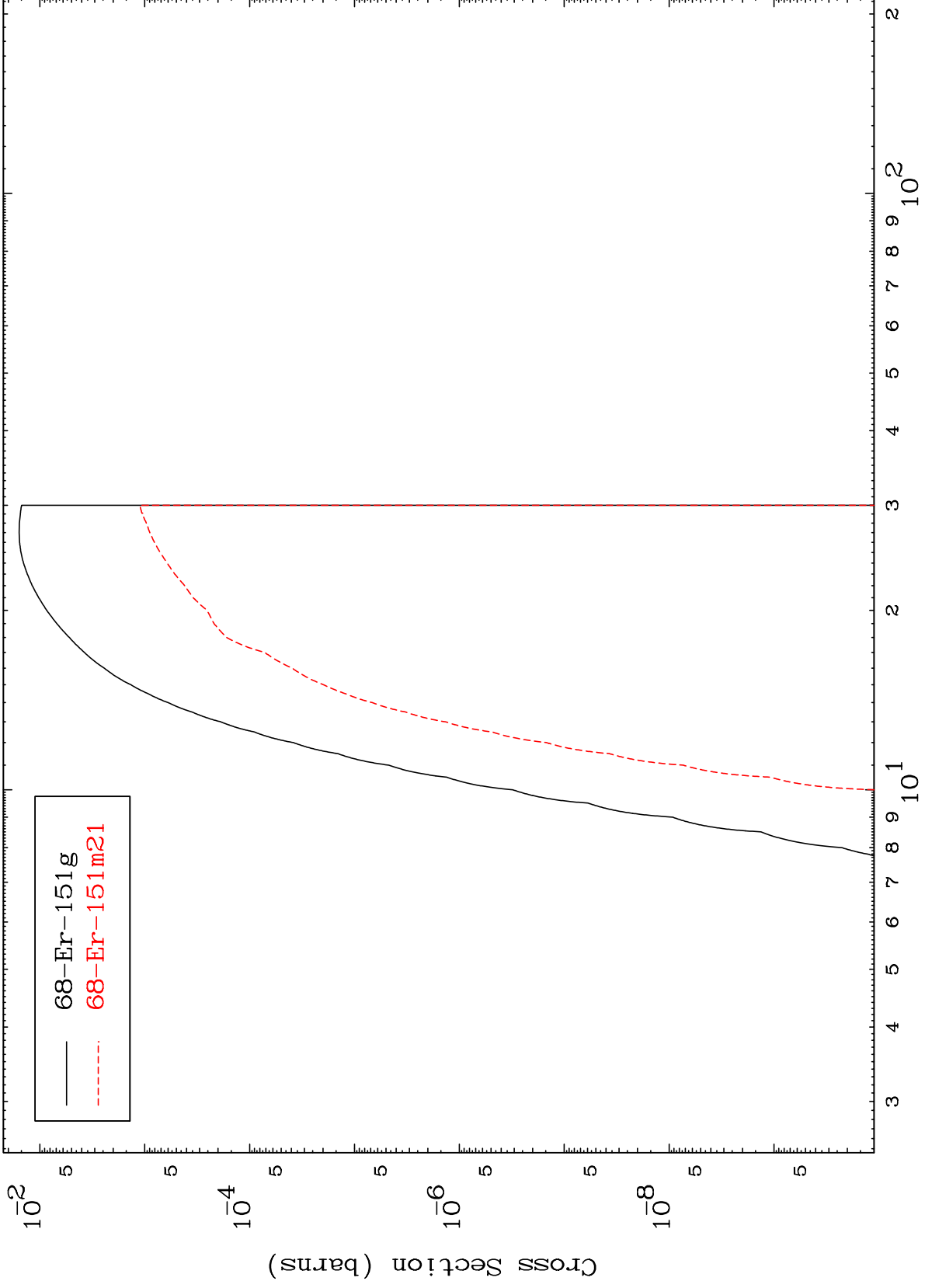
110

69-Tm-153

MAT 6877

69-Tm-153

(n, t)
Radionuclide Production Cross Section



111

69-Tm-153

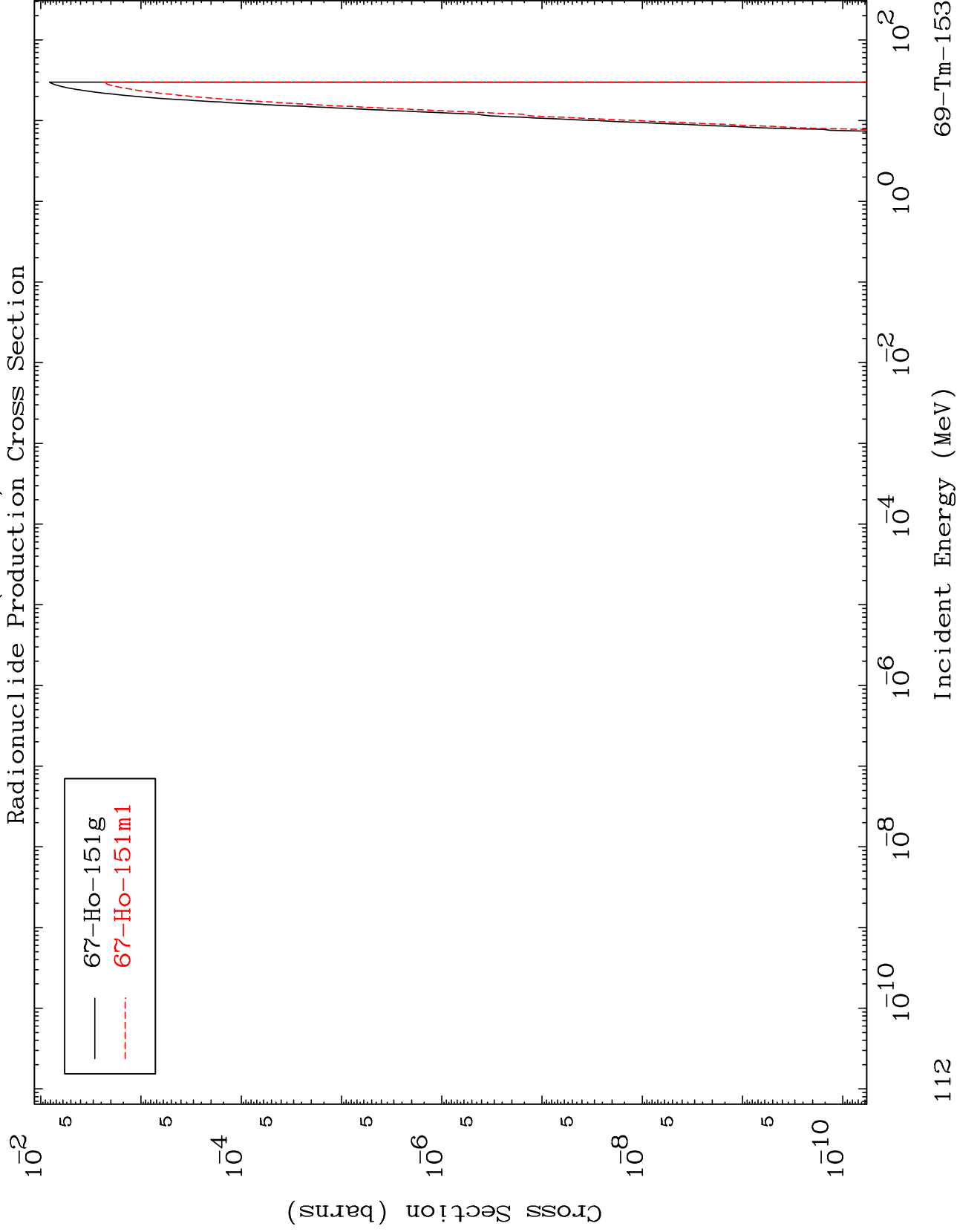
Incident Energy (MeV)

MAT 68777

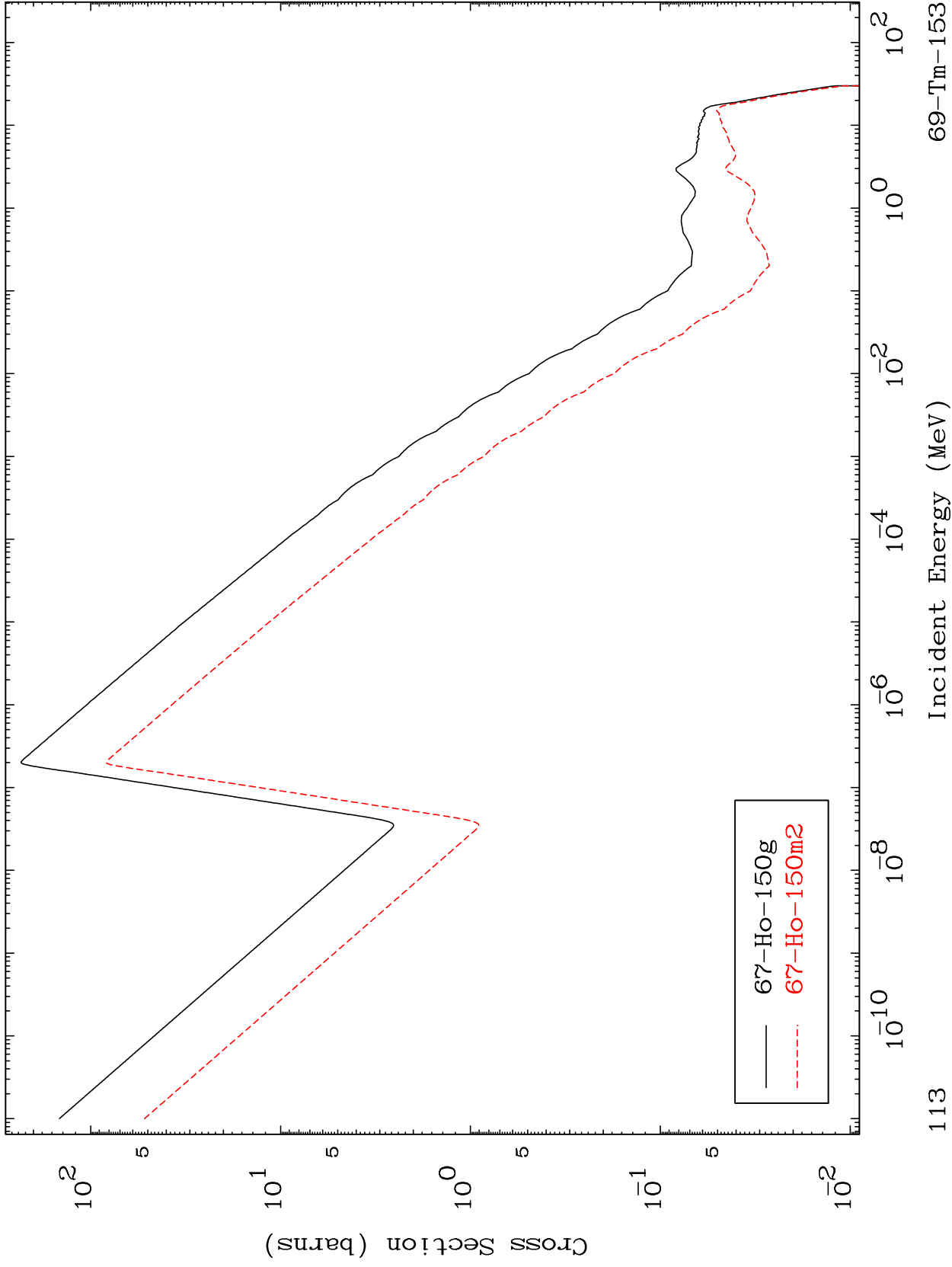
(n,He-3)

69-Tm-153

Radionuclide Production Cross Section



Radionuclide Production Cross Section
(n, α)

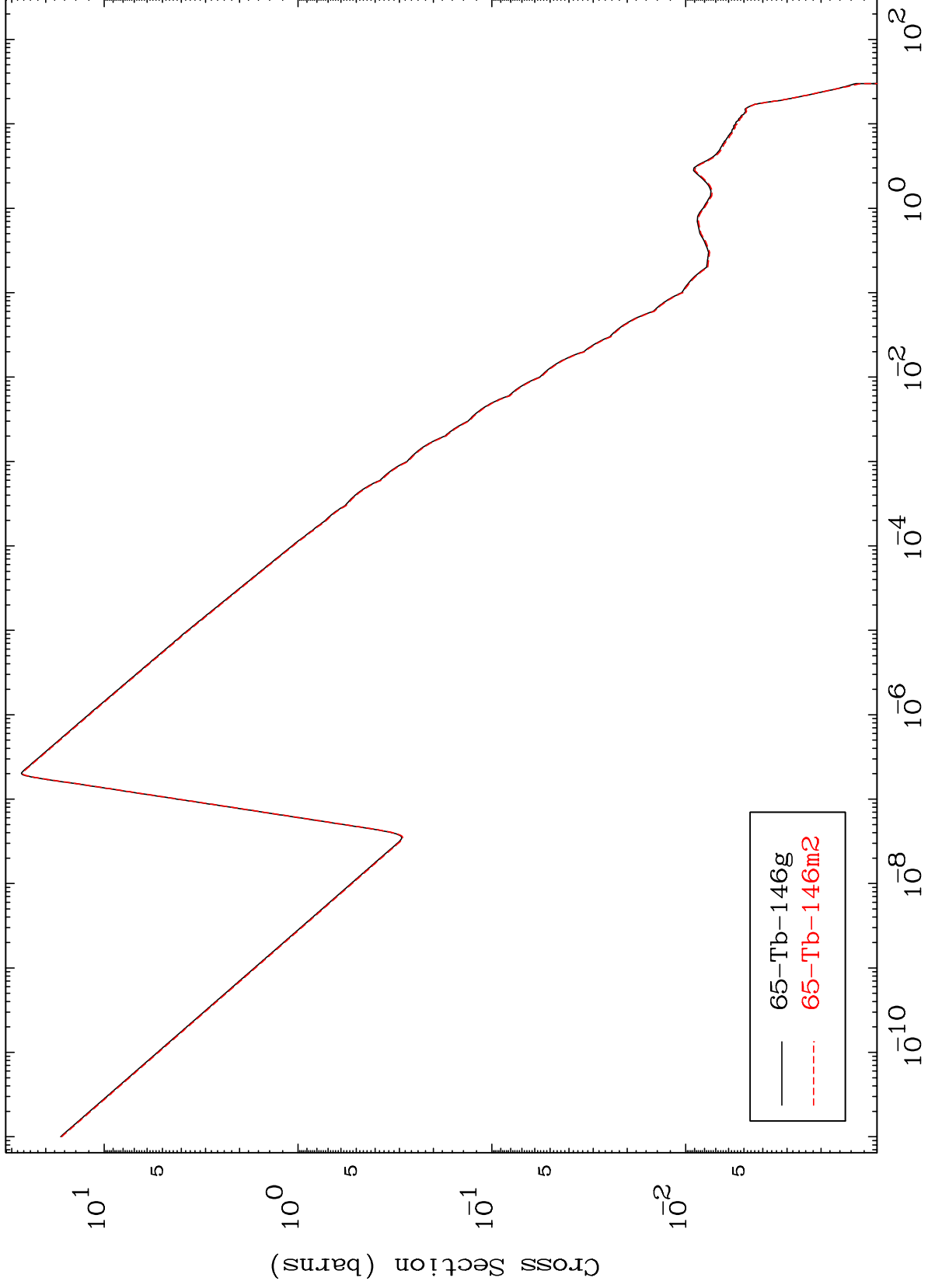


MAT 6877

(n,2α)

69-Tm-153

Radionuclide Production Cross Section

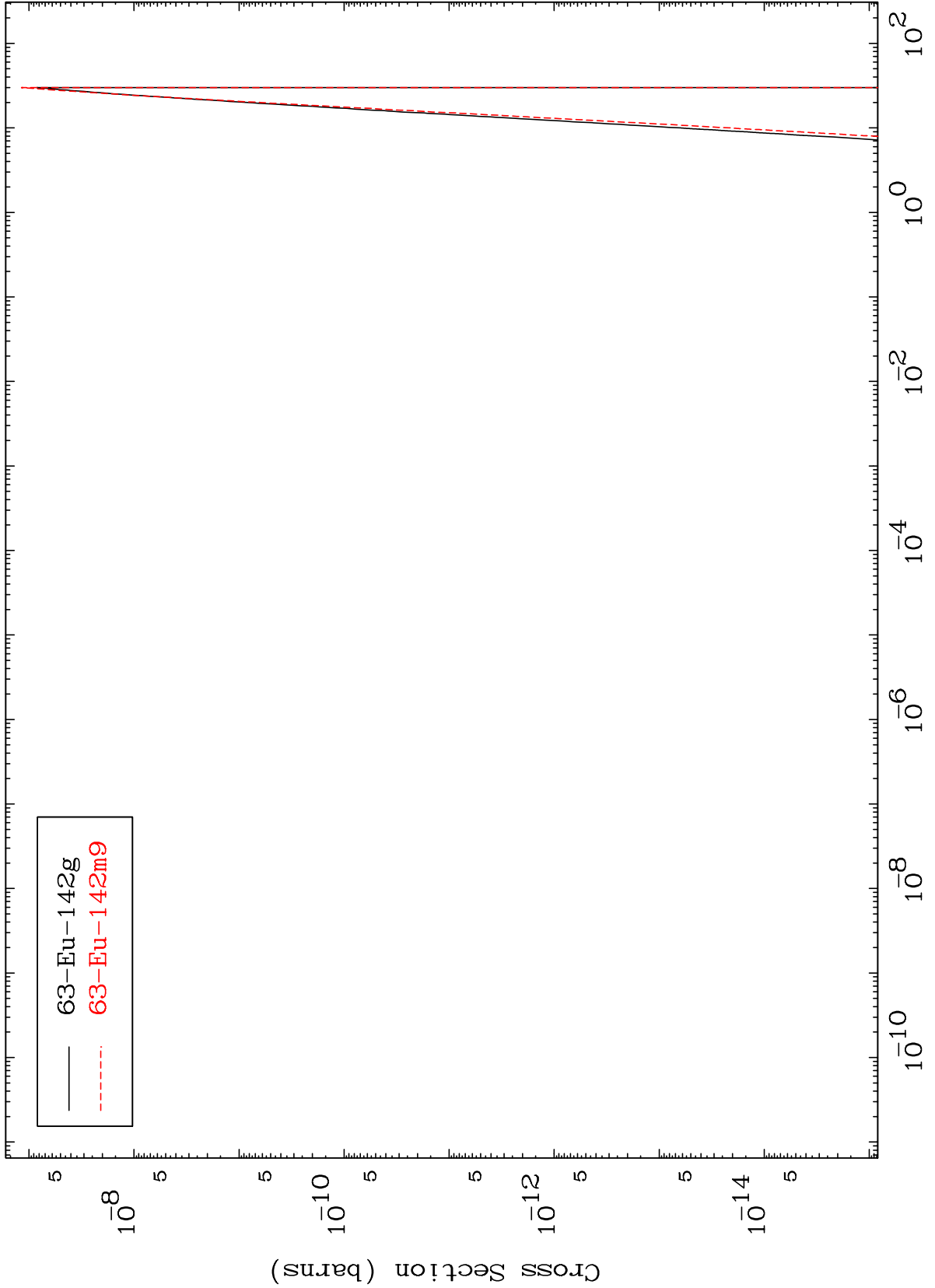


MAT 6877

(n, 3α)

69-Tm-153

Radionuclide Production Cross Section



115

Incident Energy (MeV)

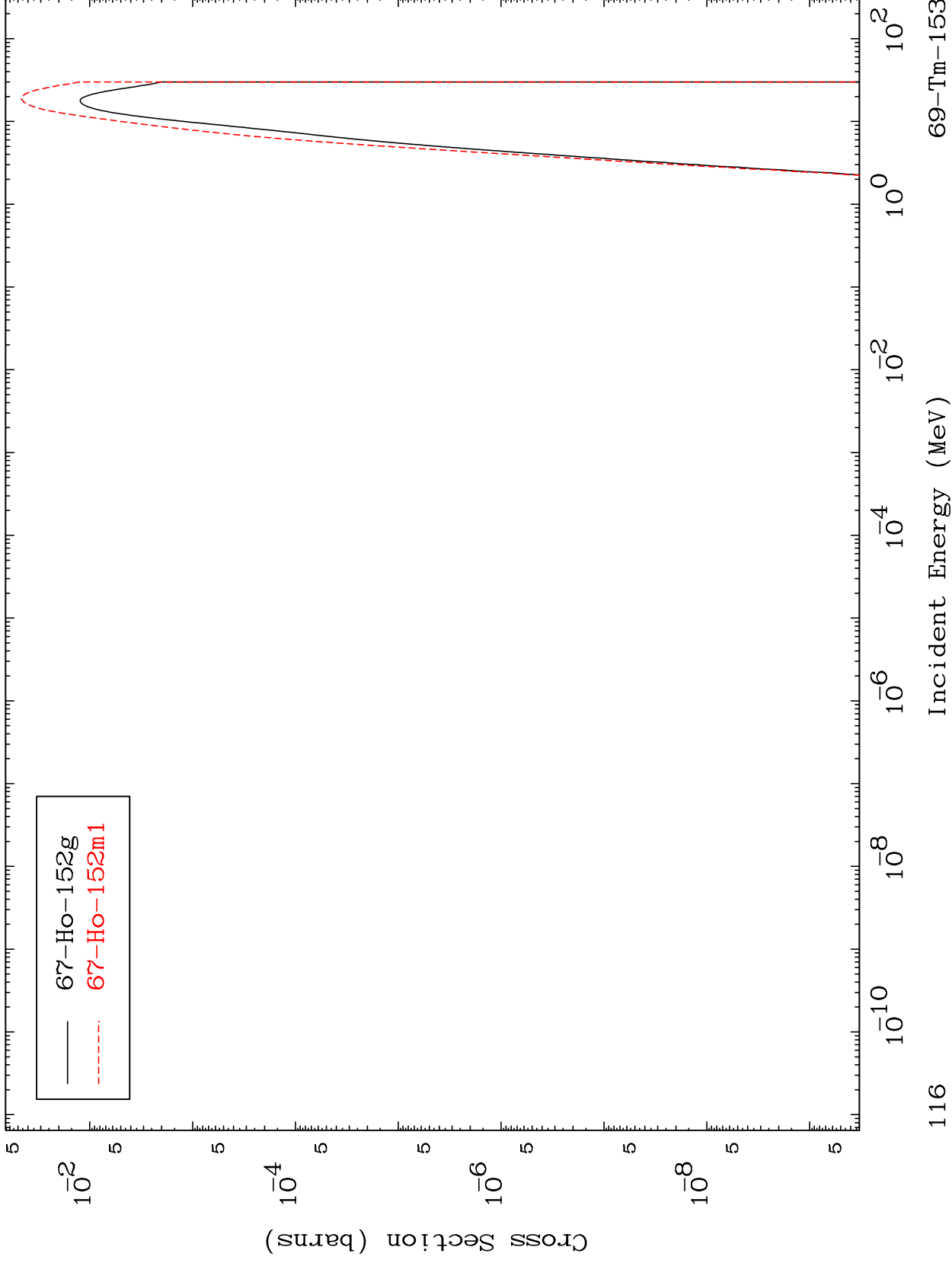
69-Tm-153

MAT 6877

(n,2p)

69-Tm-153

Radionuclide Production Cross Section



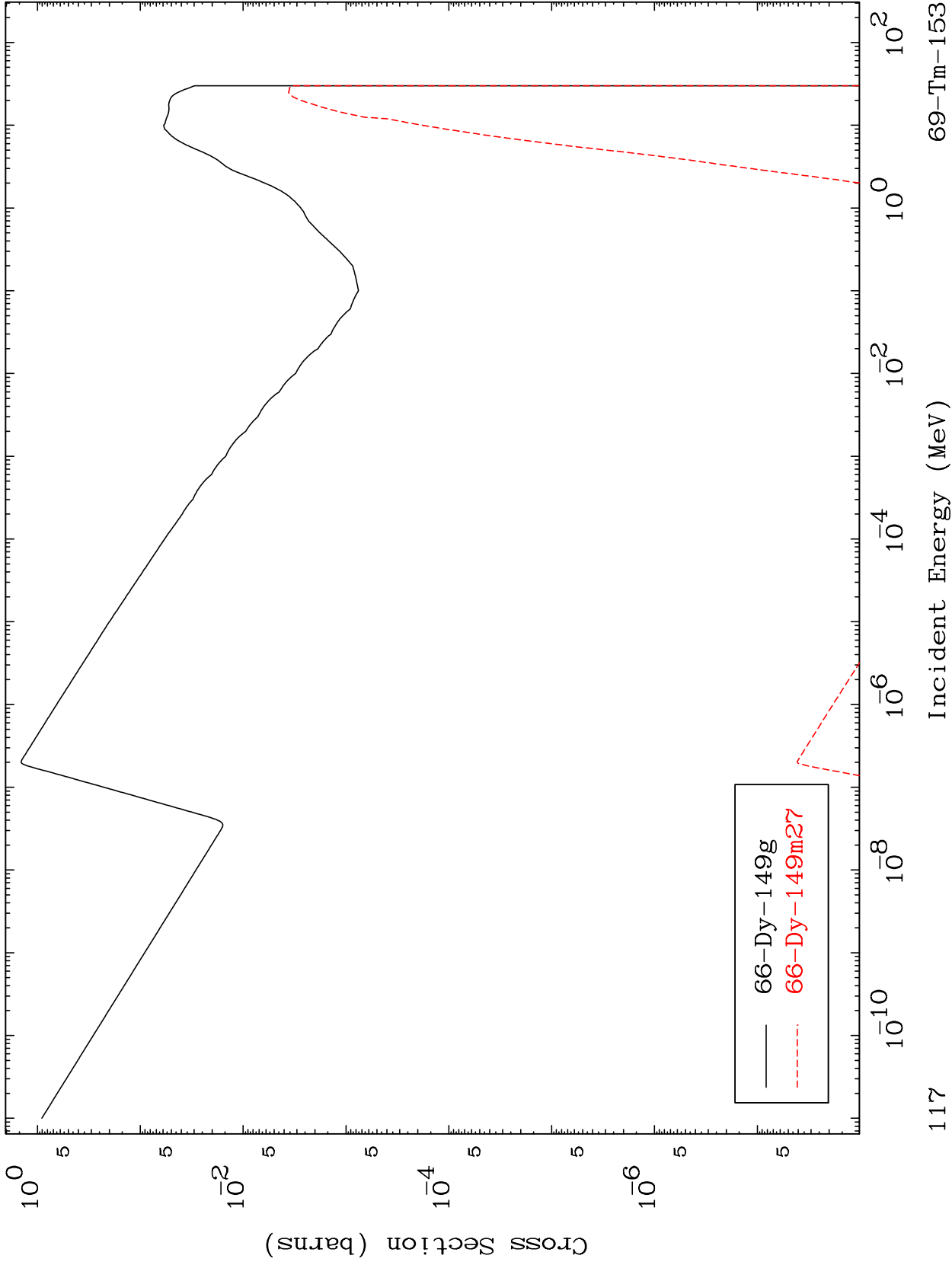
67-Ho-152g
67-Ho-152m1

MAT 68777

(n,p) α

69-Tm-153

Radionuclide Production Cross Section

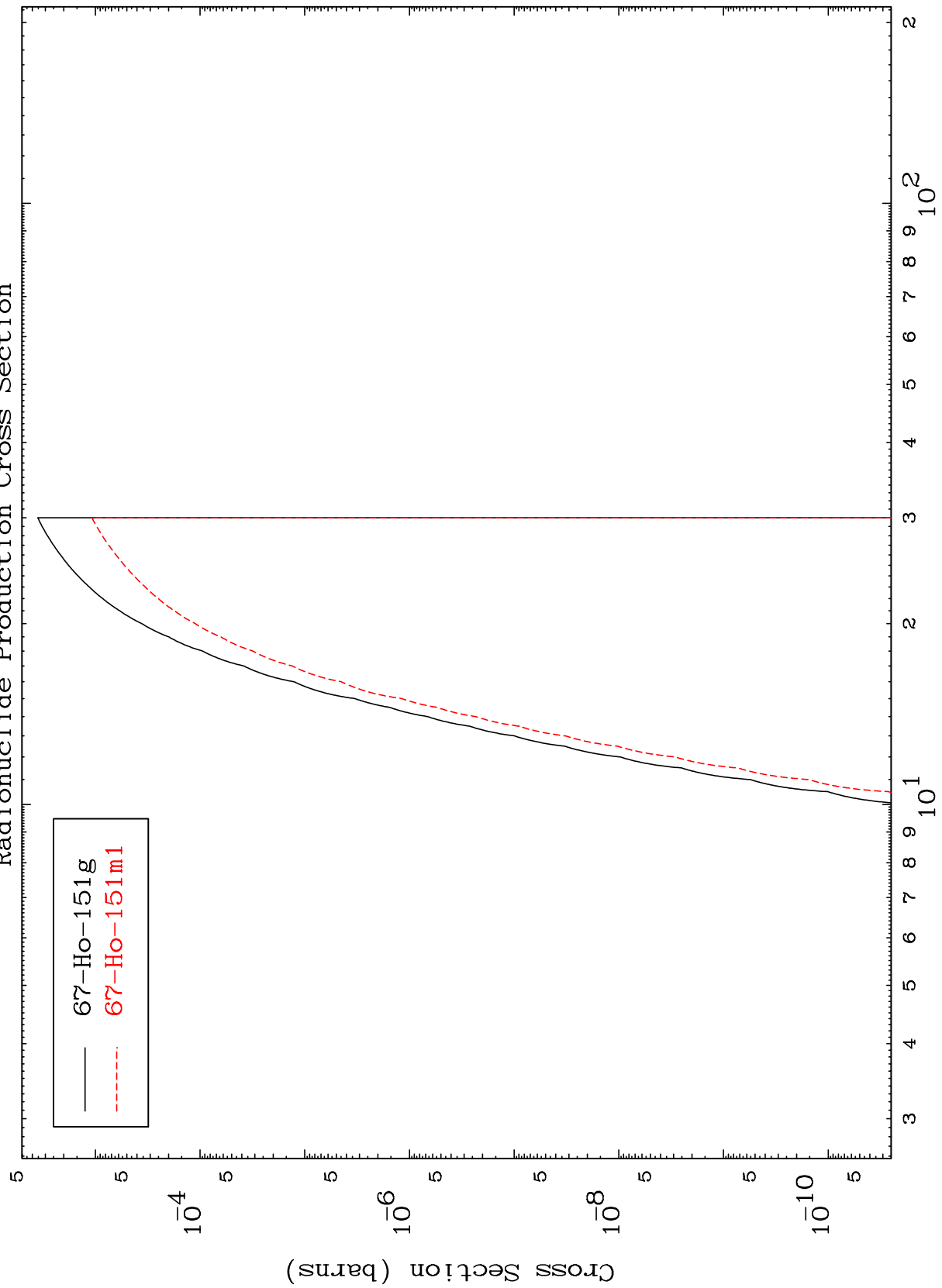


MAT 6877

(n,p) d

69-Tm-153

Radionuclide Production Cross Section



67-Ho-151g
67-Ho-151m1

118

Incident Energy (MeV)

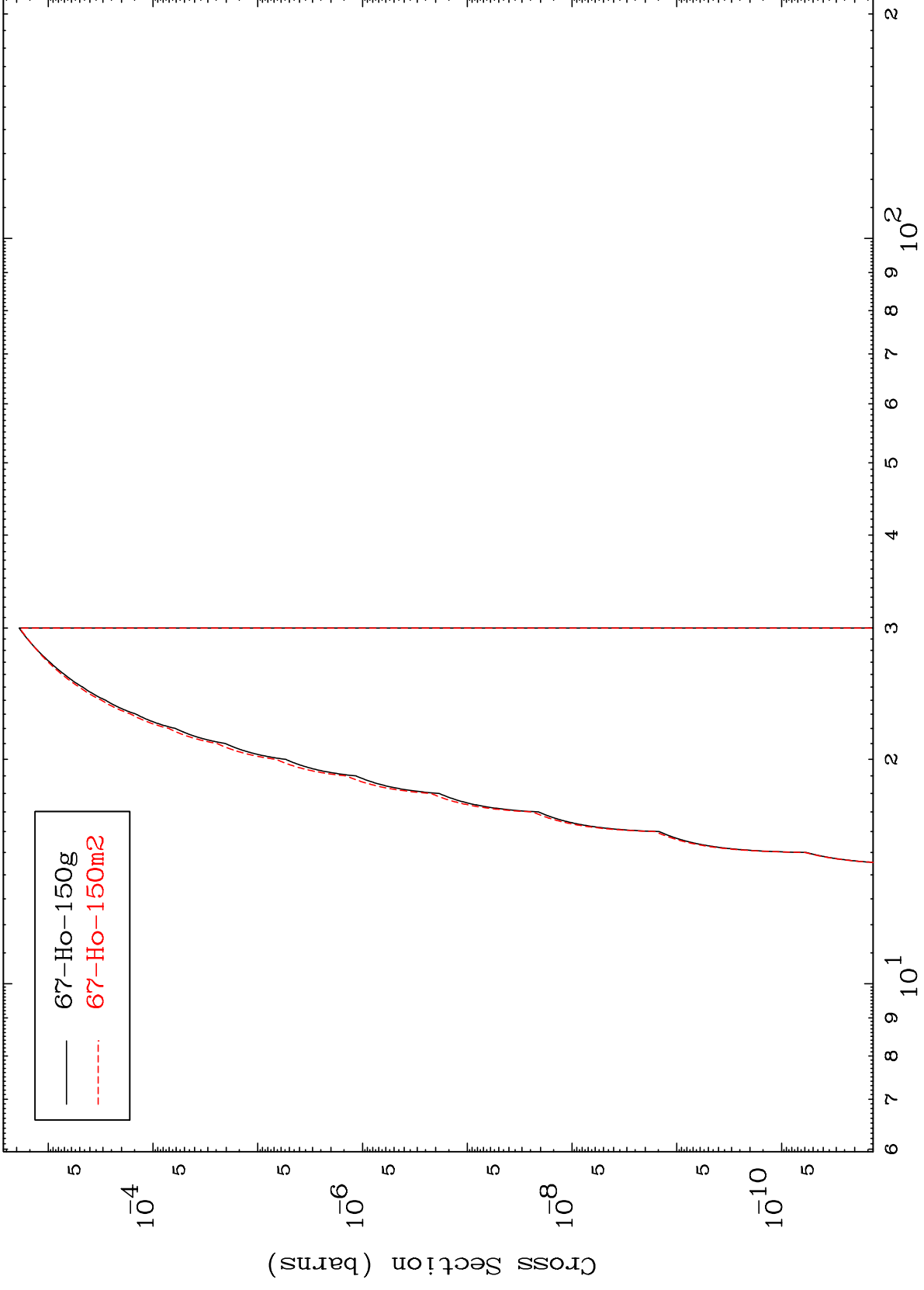
69-Tm-153

MAT 6877

(n,p) t

69-Tm-153

Radionuclide Production Cross Section



119

Incident Energy (MeV)

69-Tm-153