

Program EVALPLOT
(Version 2015-2)

by

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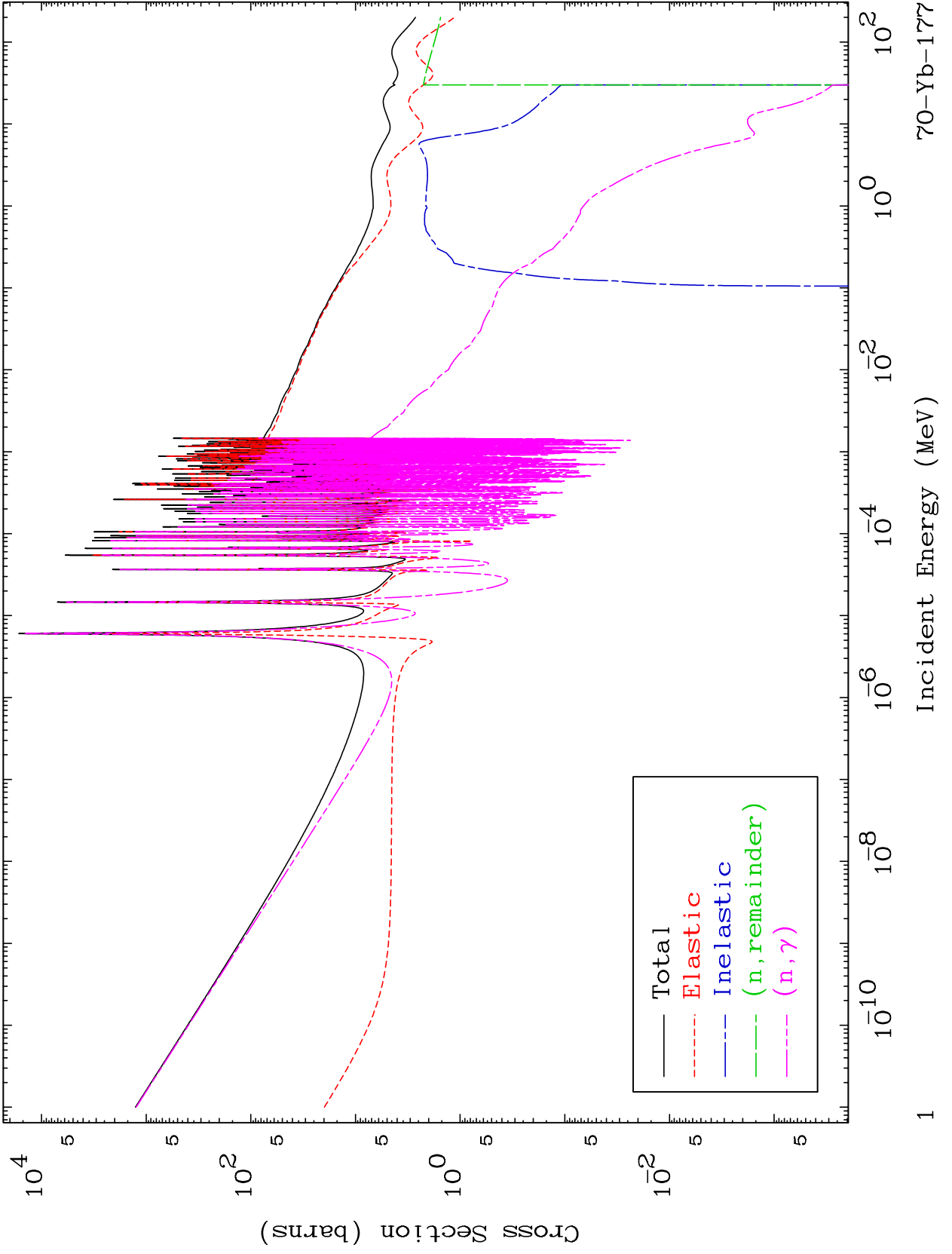
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 7052

Major
293 Kelvin Cross Sections

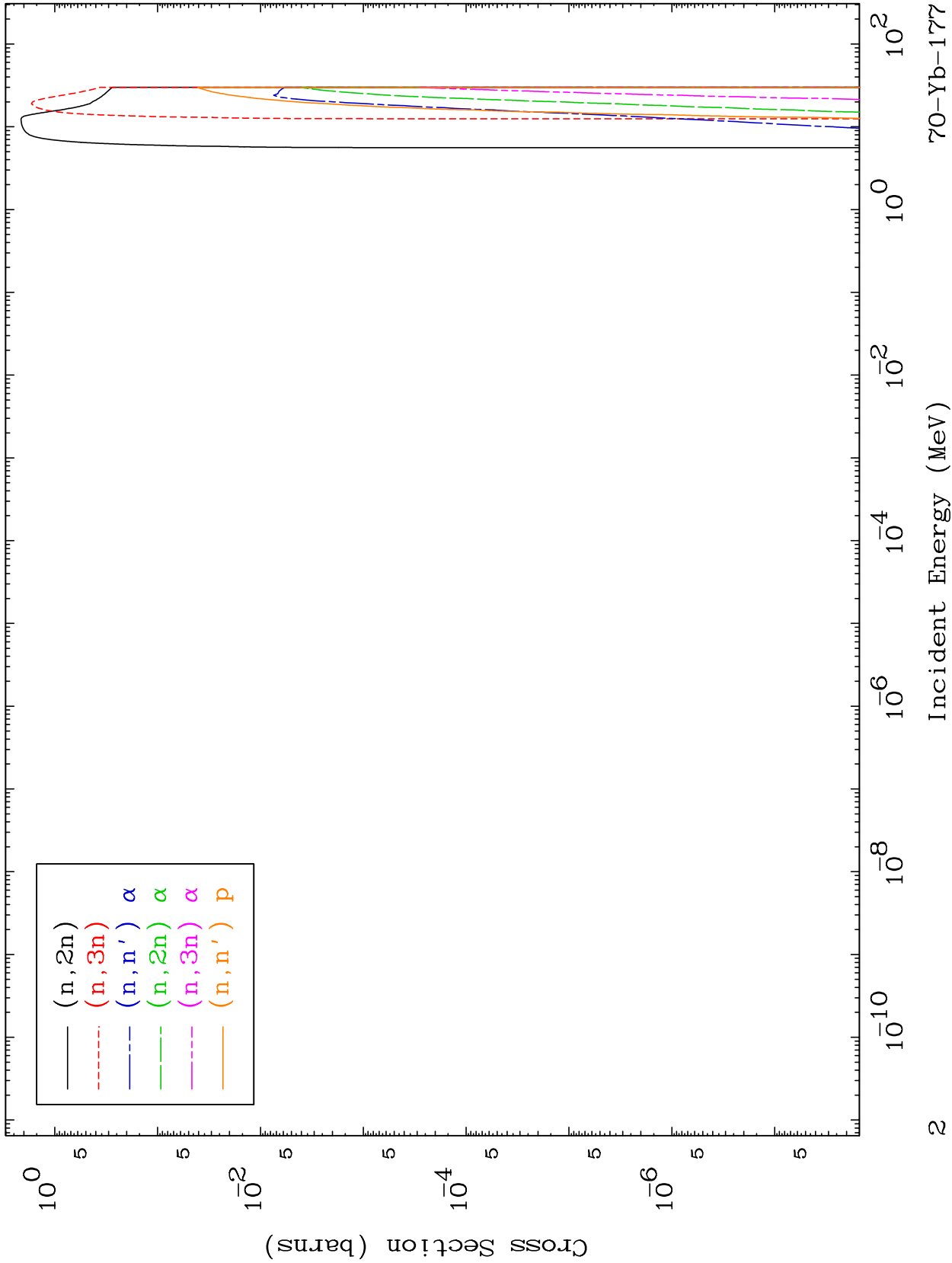
70-Yb-177

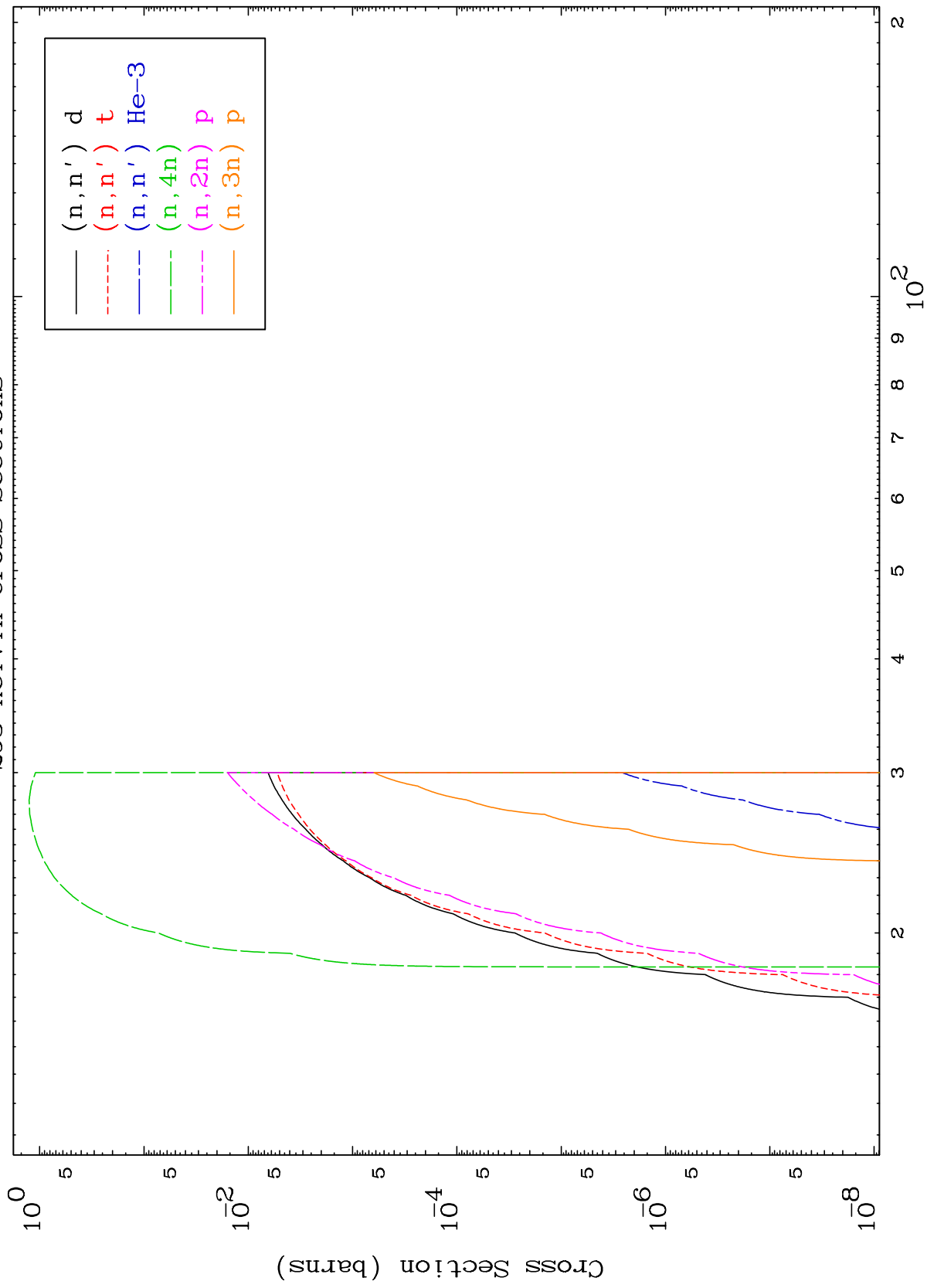


MAT 7052

Neutron Production
293 Kelvin Cross Sections

70-Yb-177

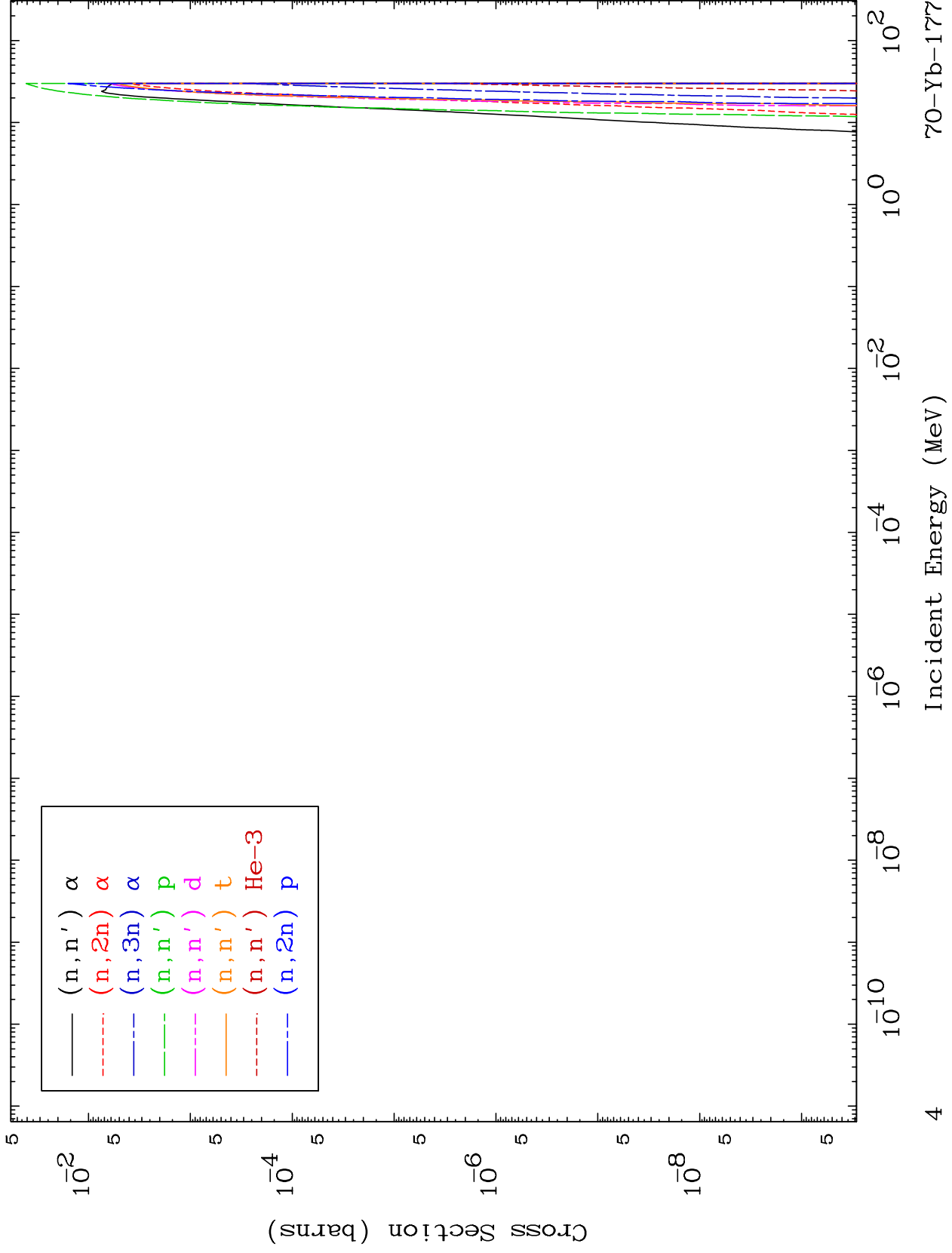




MAT 7052

Charged Particle
293 Kelvin Cross Sections

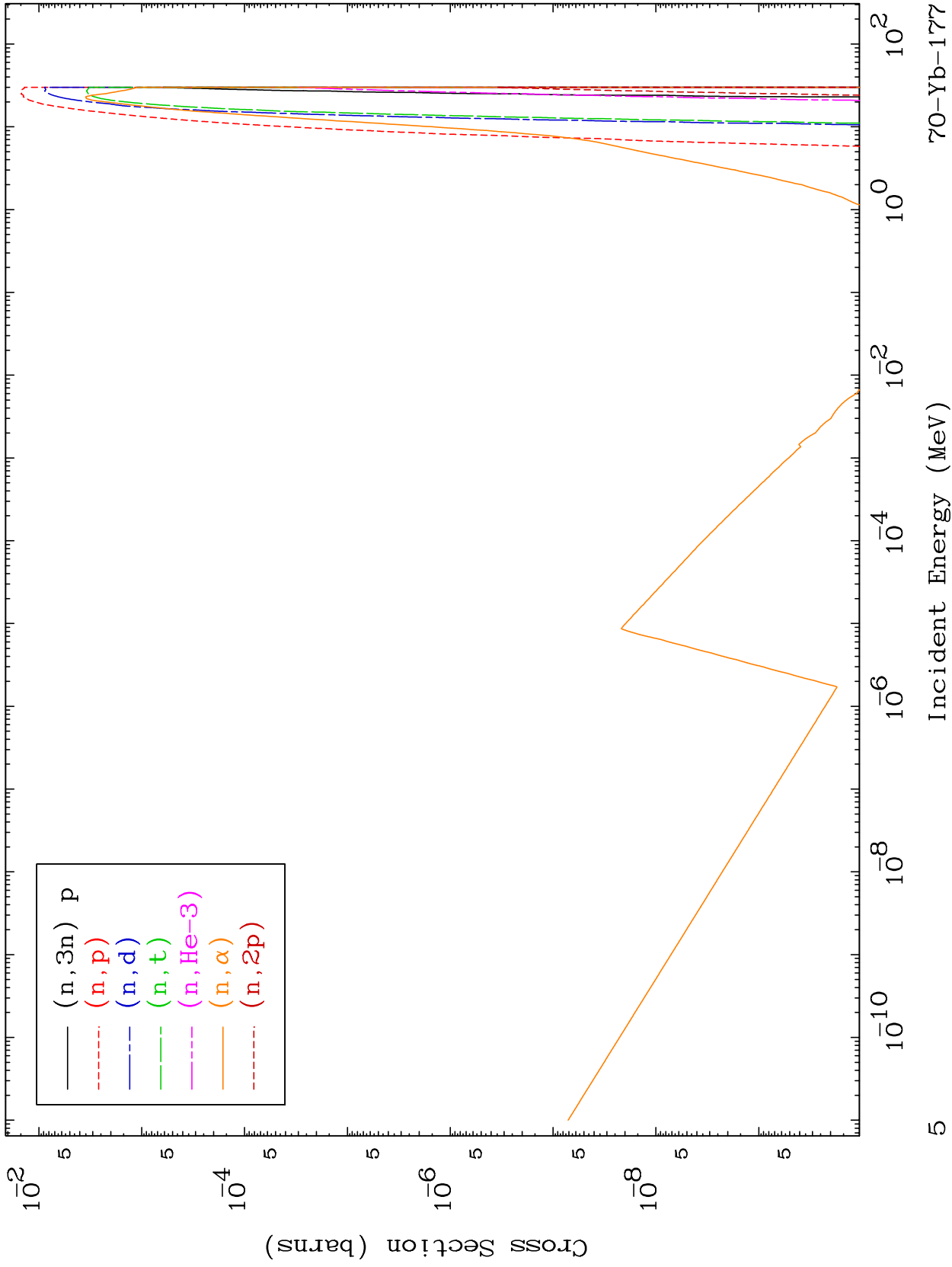
70-Yb-177

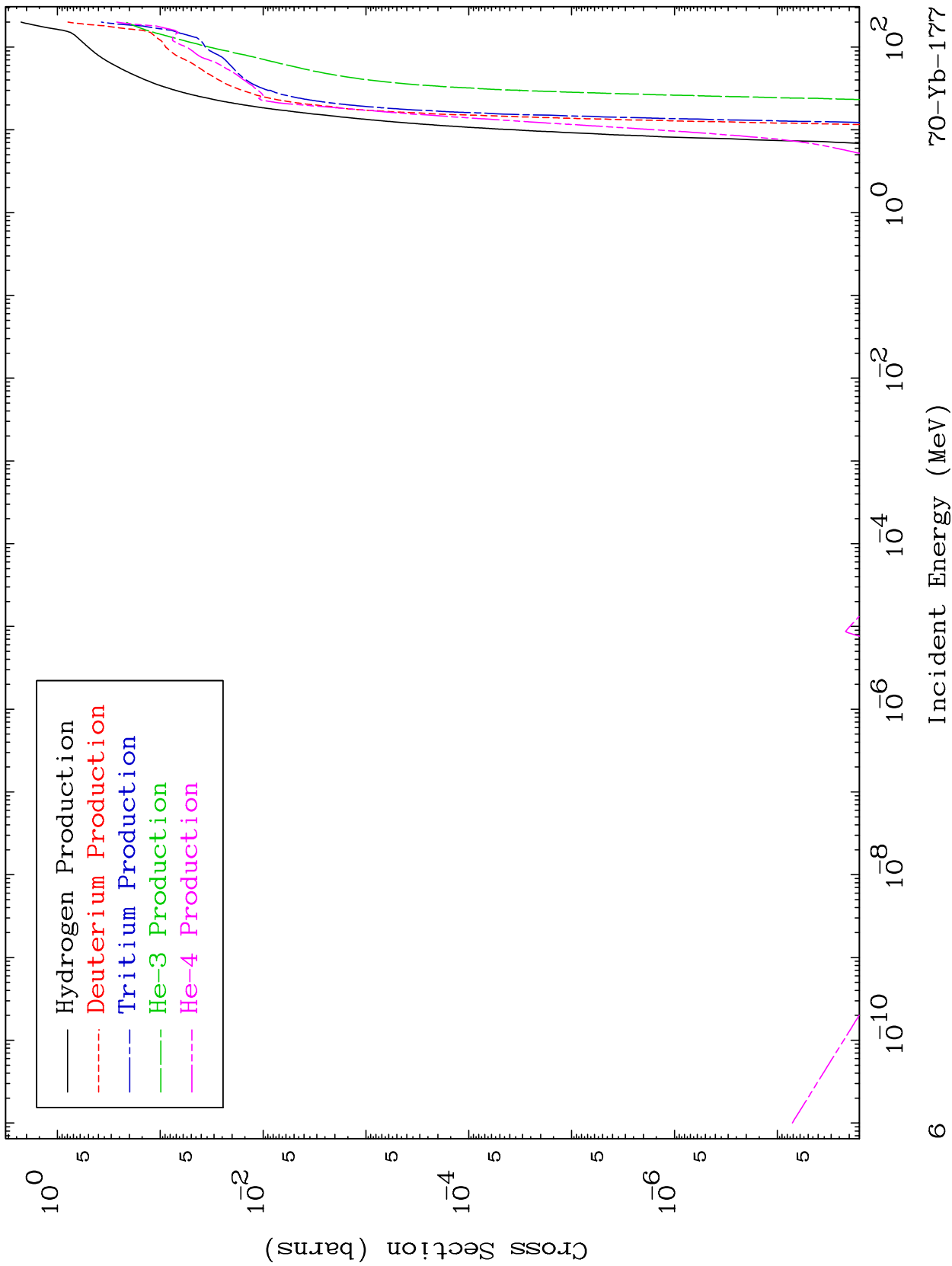


MAT 7052

Charged Particle
293 Kelvin Cross Sections

70-Yb-177

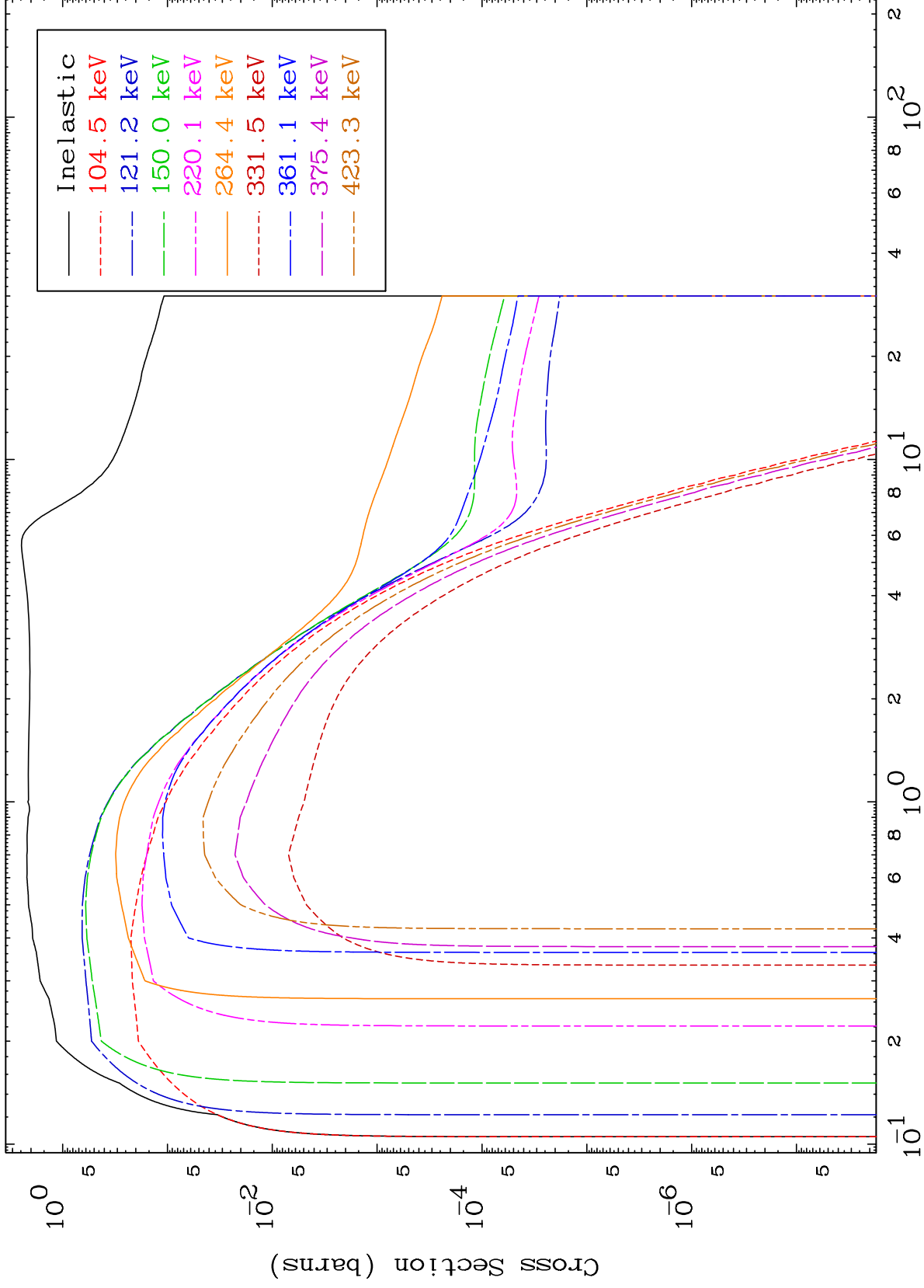




MAT 7052

(n,n') Level
293 Kelvin Cross Sections

70-Yb-177



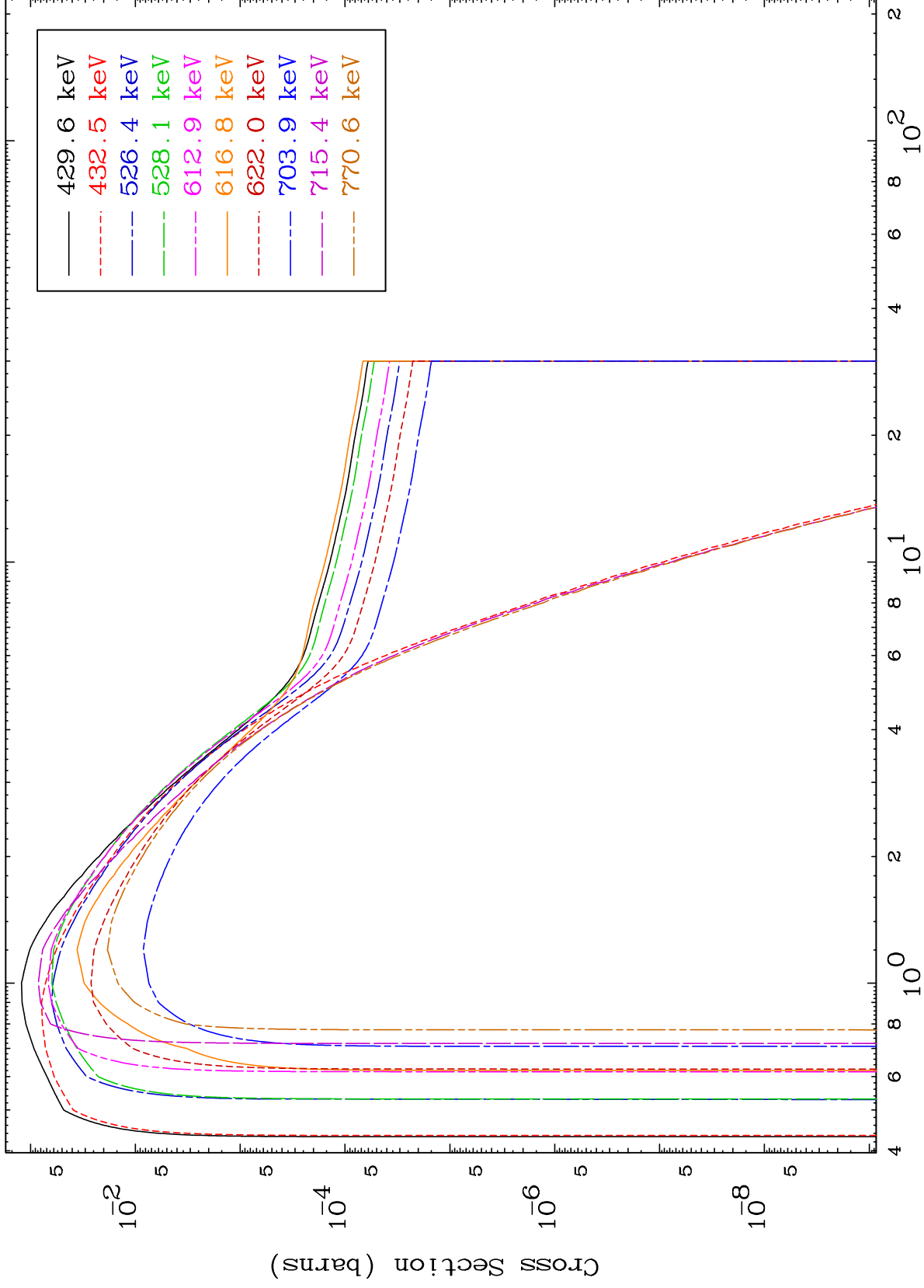
Incident Energy (MeV)

70-Yb-177

MAT 7052

(n,n') Level
293 Kelvin Cross Sections

70-Yb-177



8

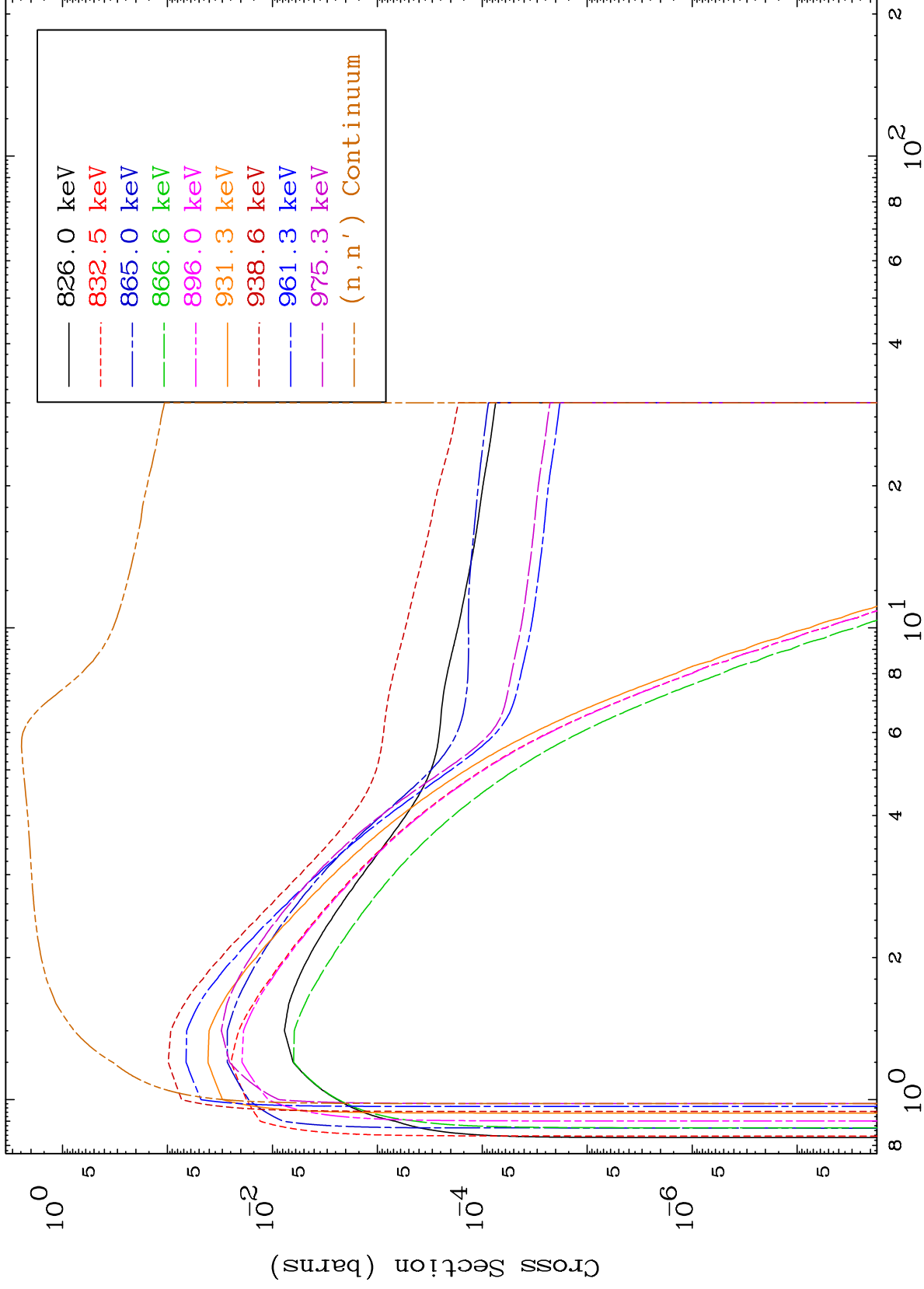
Incident Energy (MeV)

70-Yb-177

MAT 7052

(n,n') Level
293 Kelvin Cross Sections

70-Yb-177



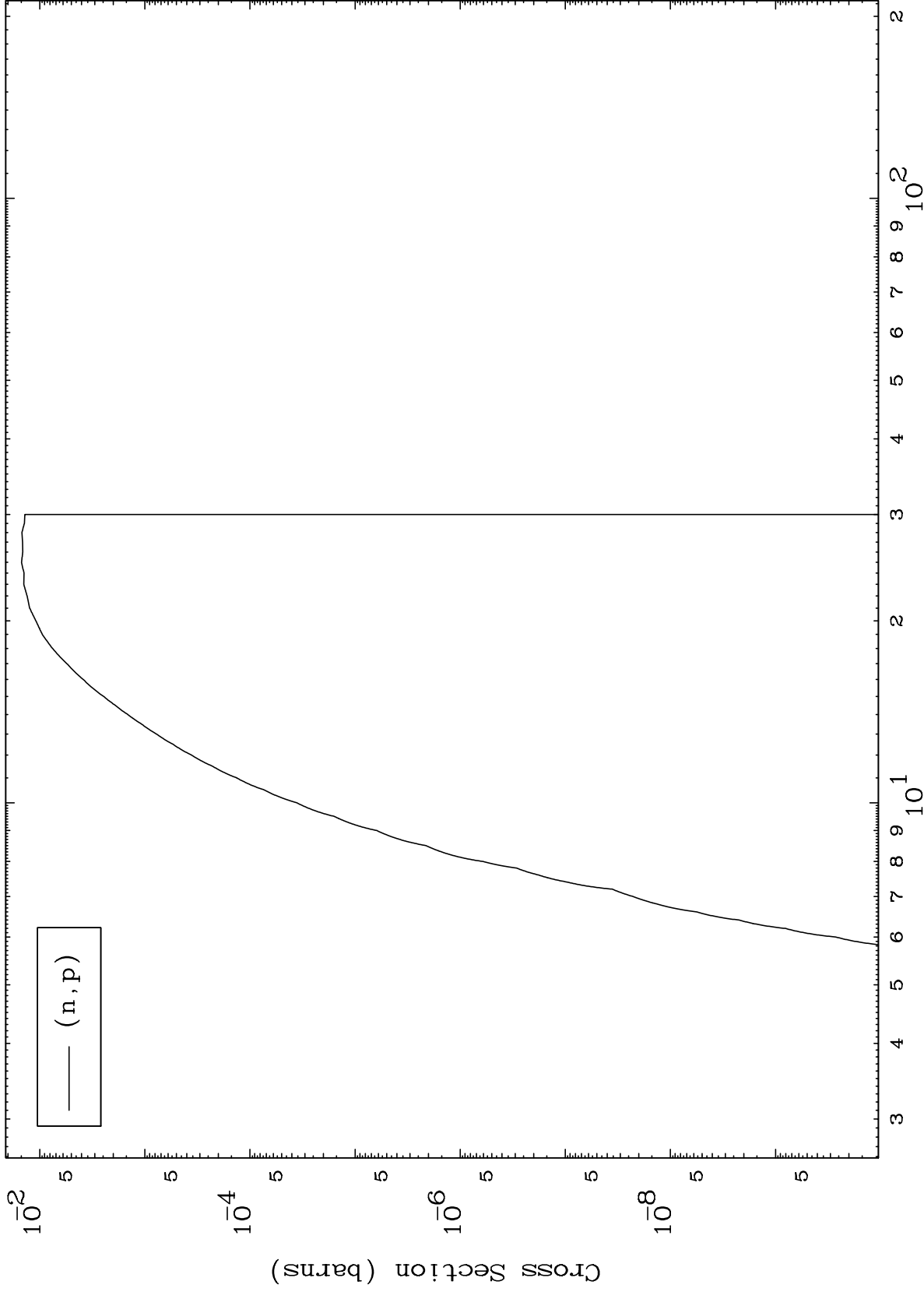
Incident Energy (MeV)

70-Yb-177

MAT 7052

(n,p) Levels
293 Kelvin Cross Sections

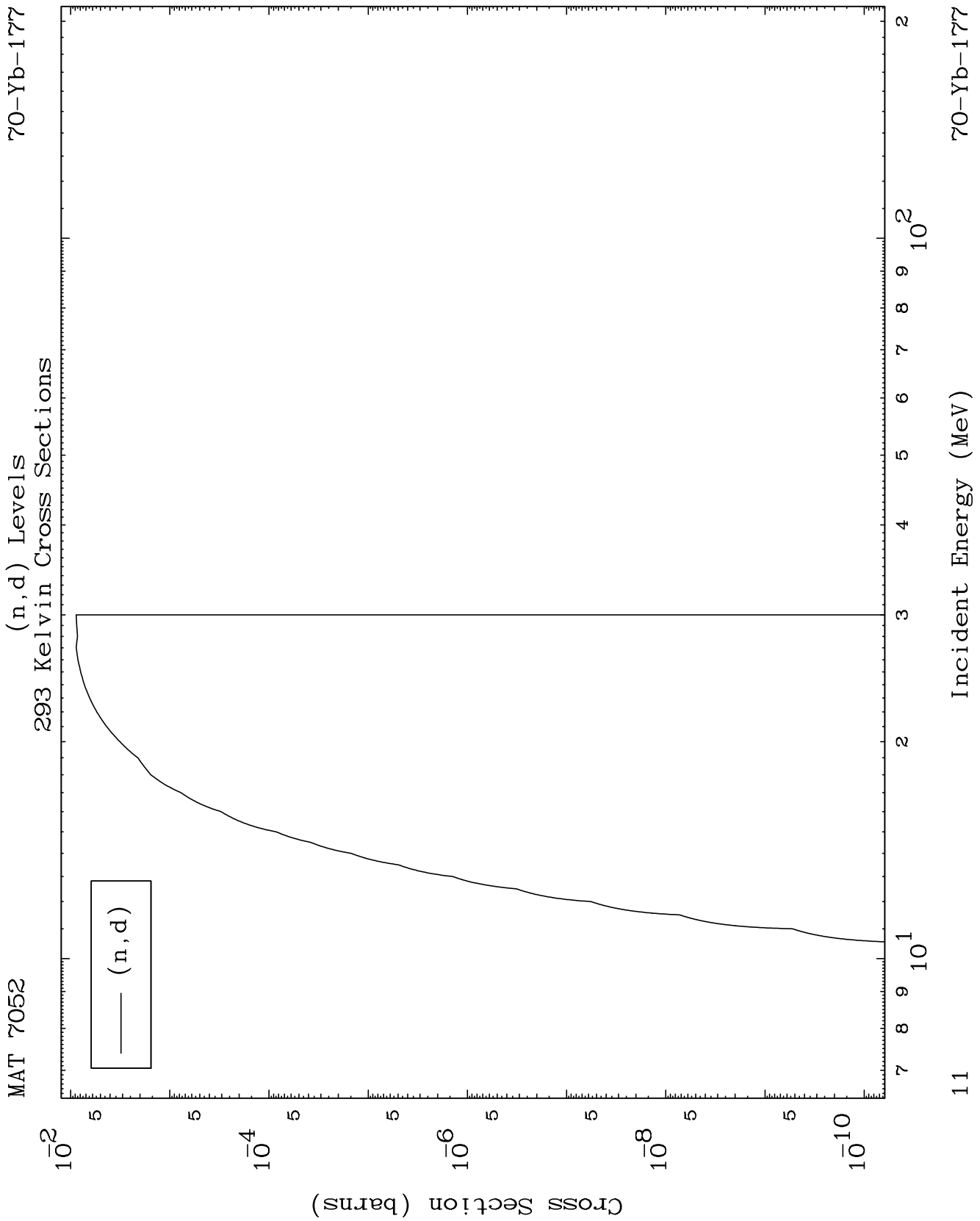
70-Yb-177



10

Incident Energy (MeV)

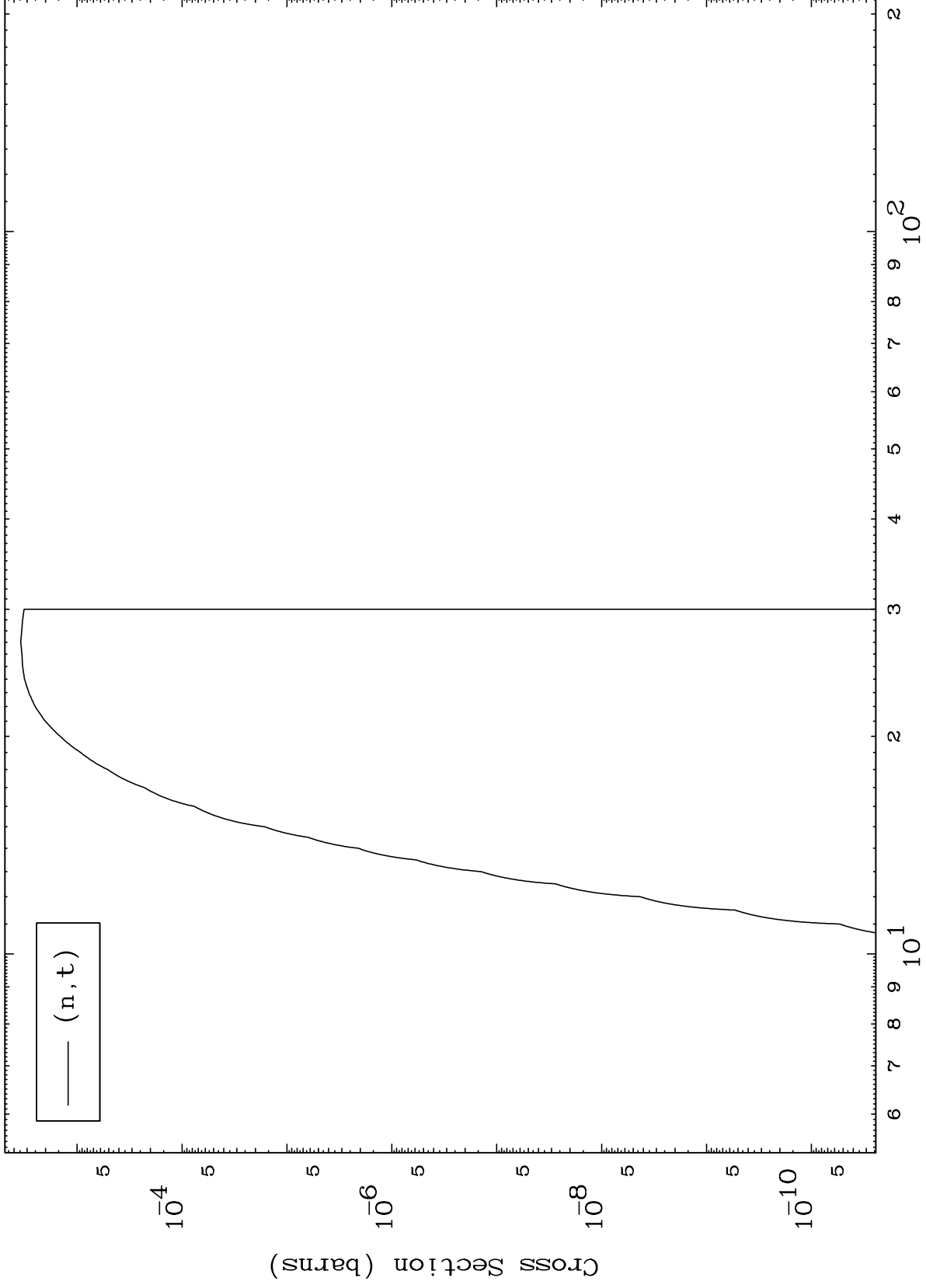
70-Yb-177



MAT 7052

(n,t) Levels
293 Kelvin Cross Sections

70-Yb-177



12

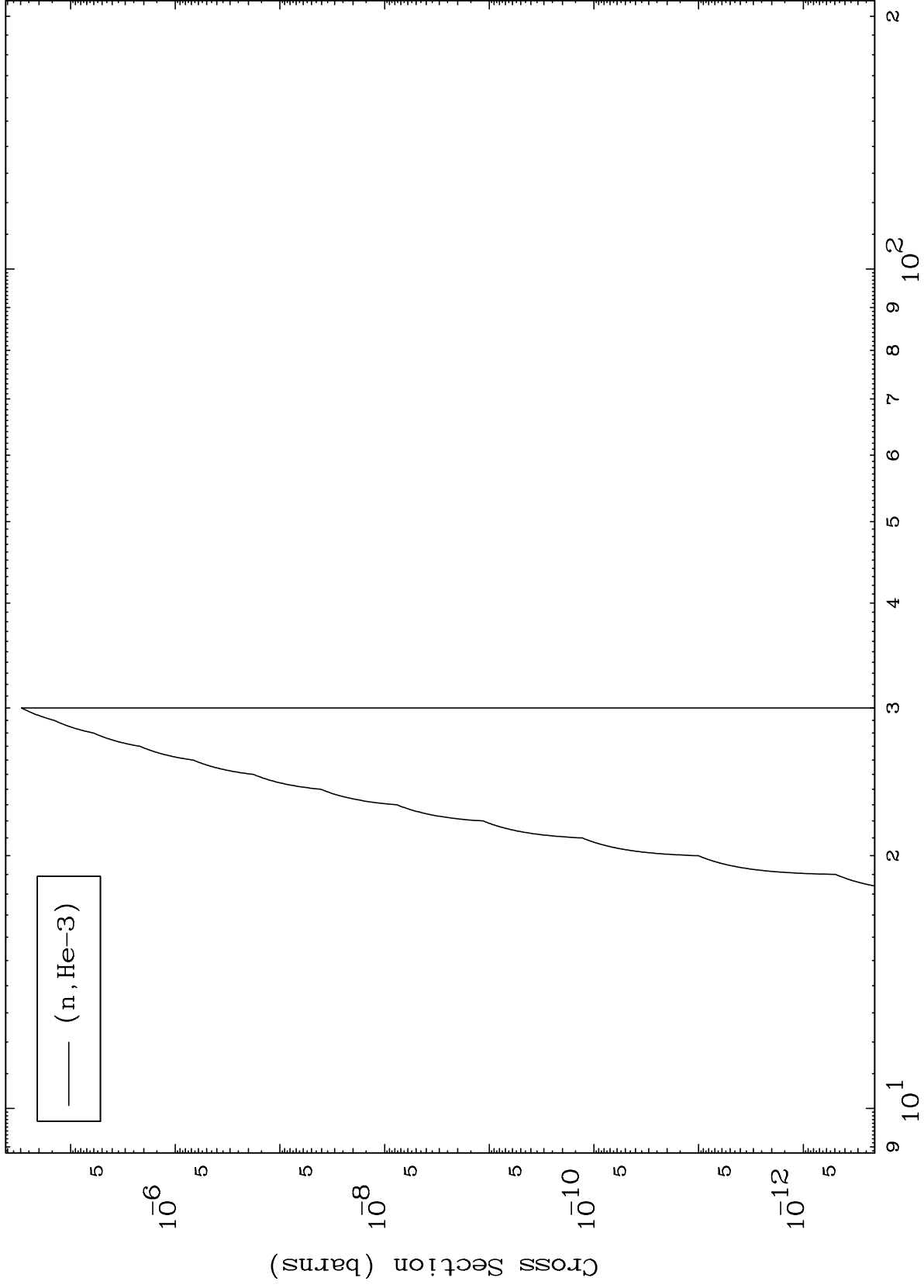
Incident Energy (MeV)

70-Yb-177

MAT 7052

(n,He3) Levels
293 Kelvin Cross Sections

70-Yb-177



13

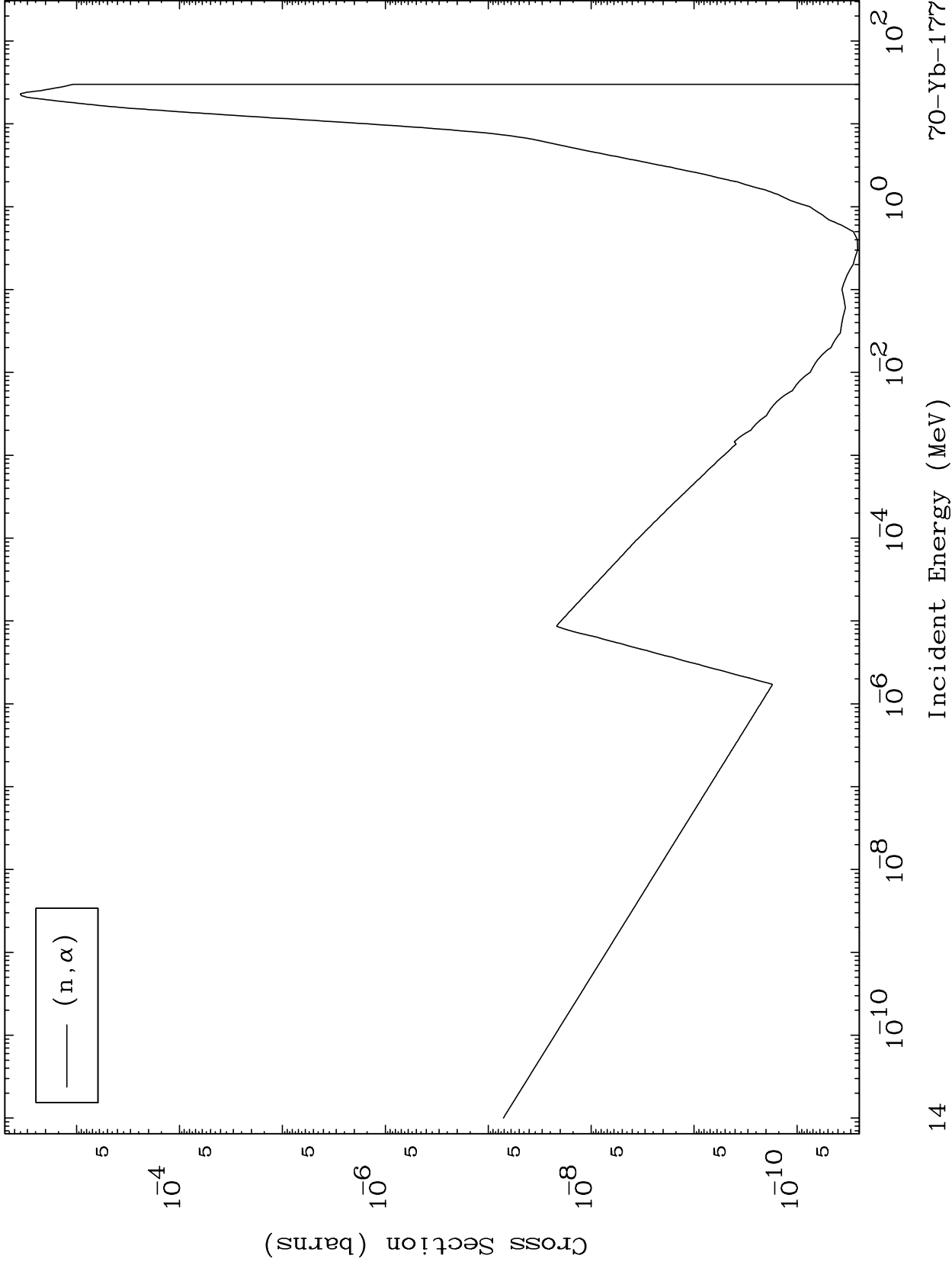
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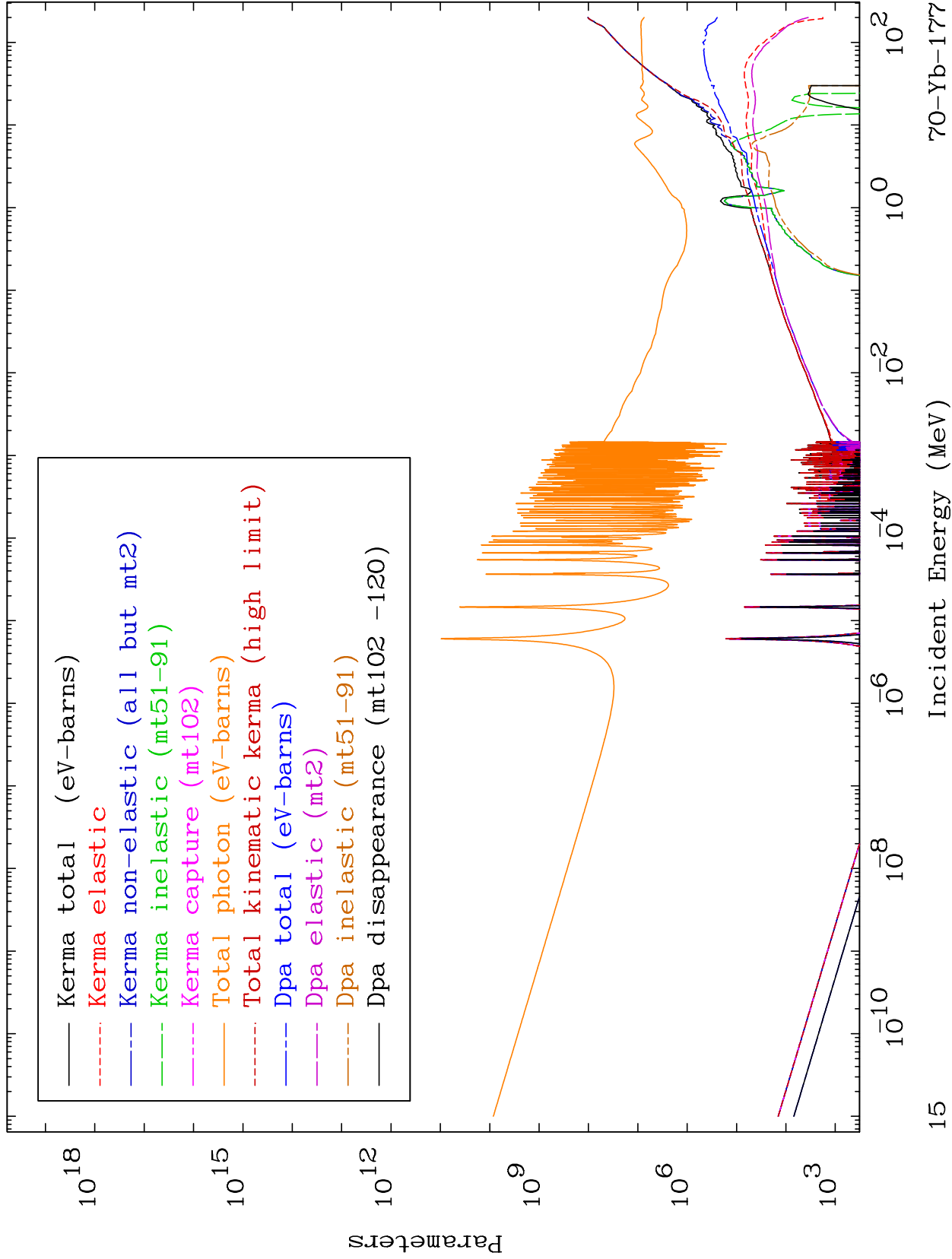
70-Yb-177

MAT 7052

(n, α) Levels
293 Kelvin Cross Sections

70-Yb-177

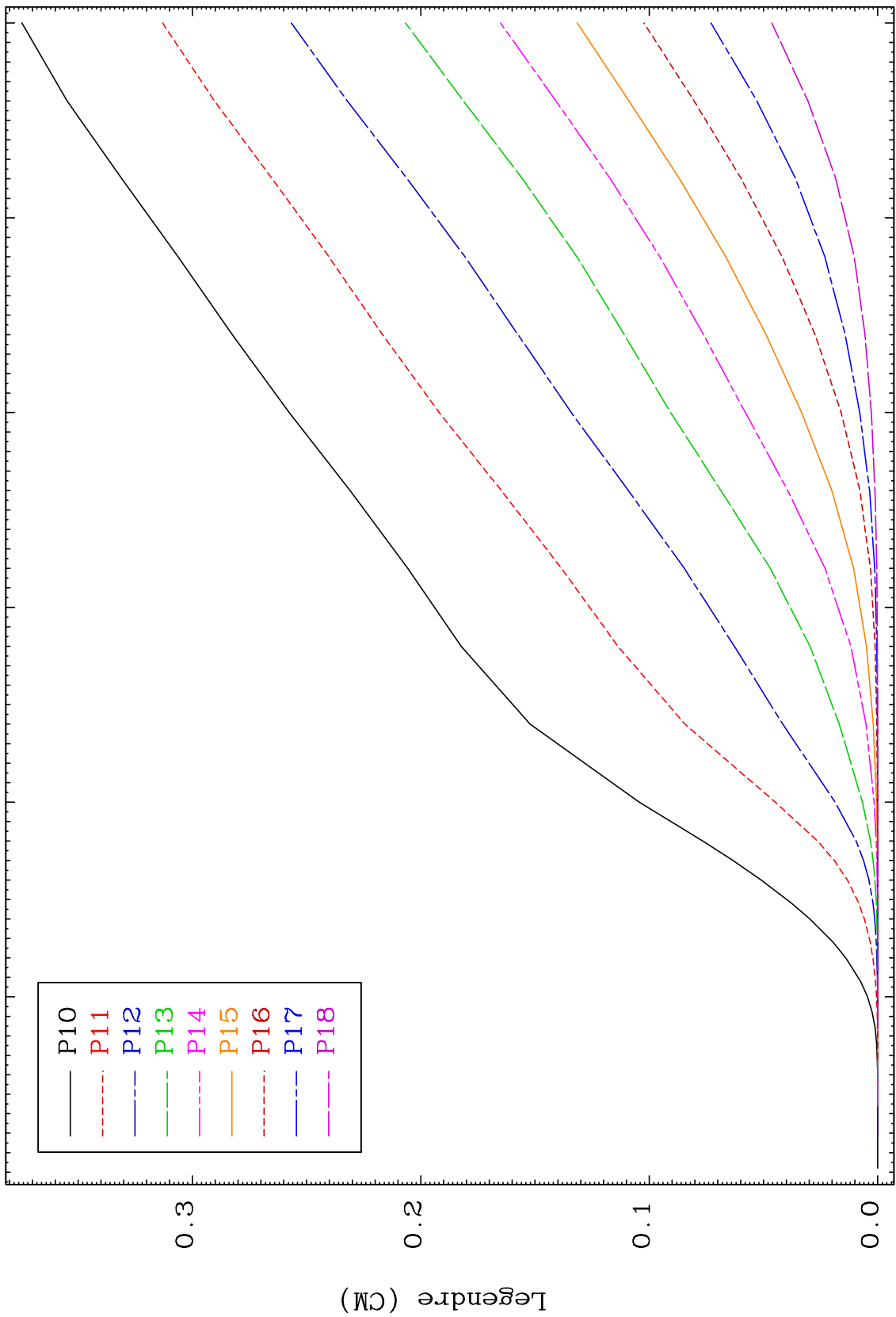




MAT 7052

Elastic Legendre Coefficients

70-Yb-177



17

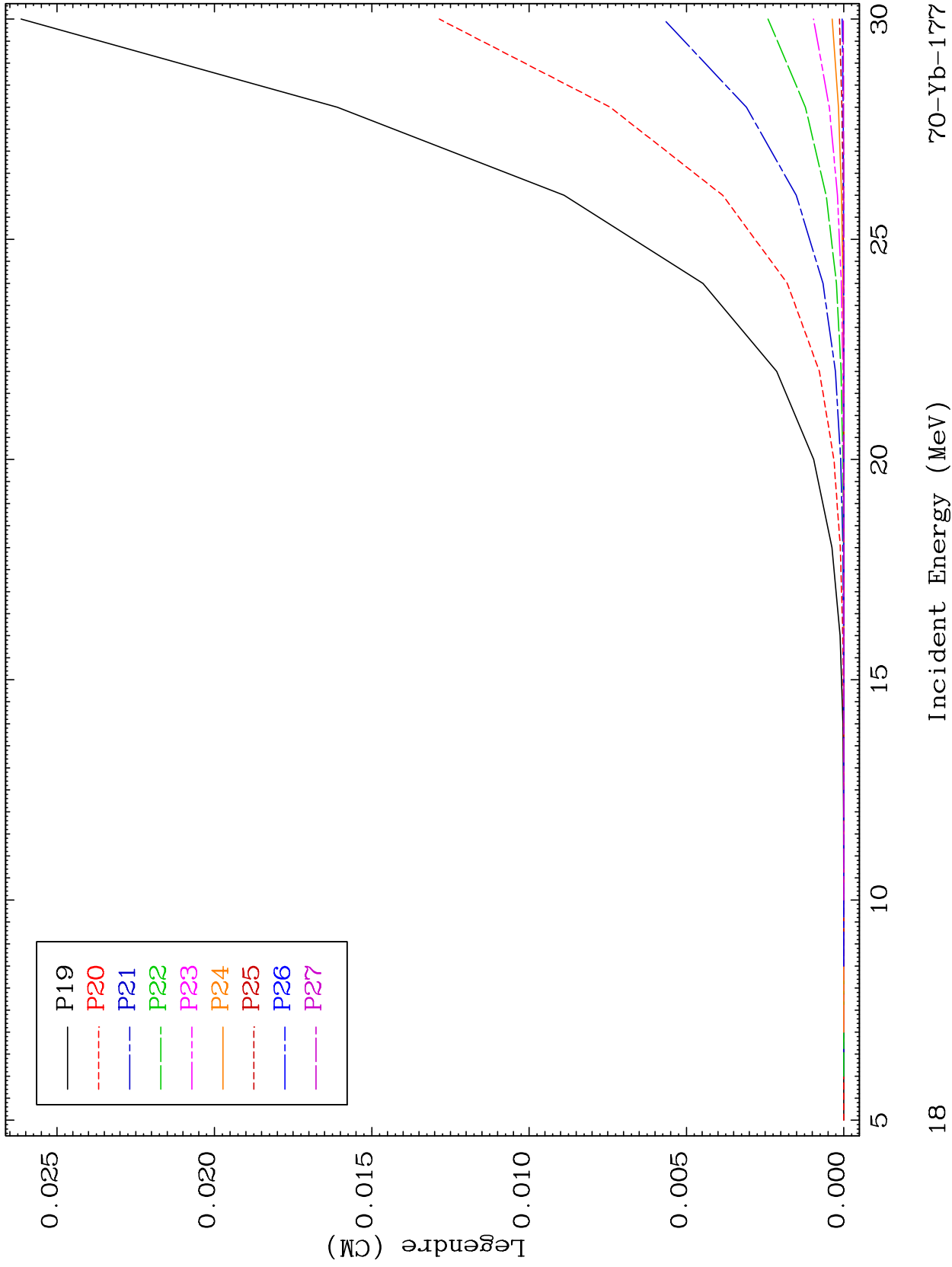
Incident Energy (MeV)

70-Yb-177

MAT 7052

Elastic
Legendre Coefficients

70-Yb-177



18

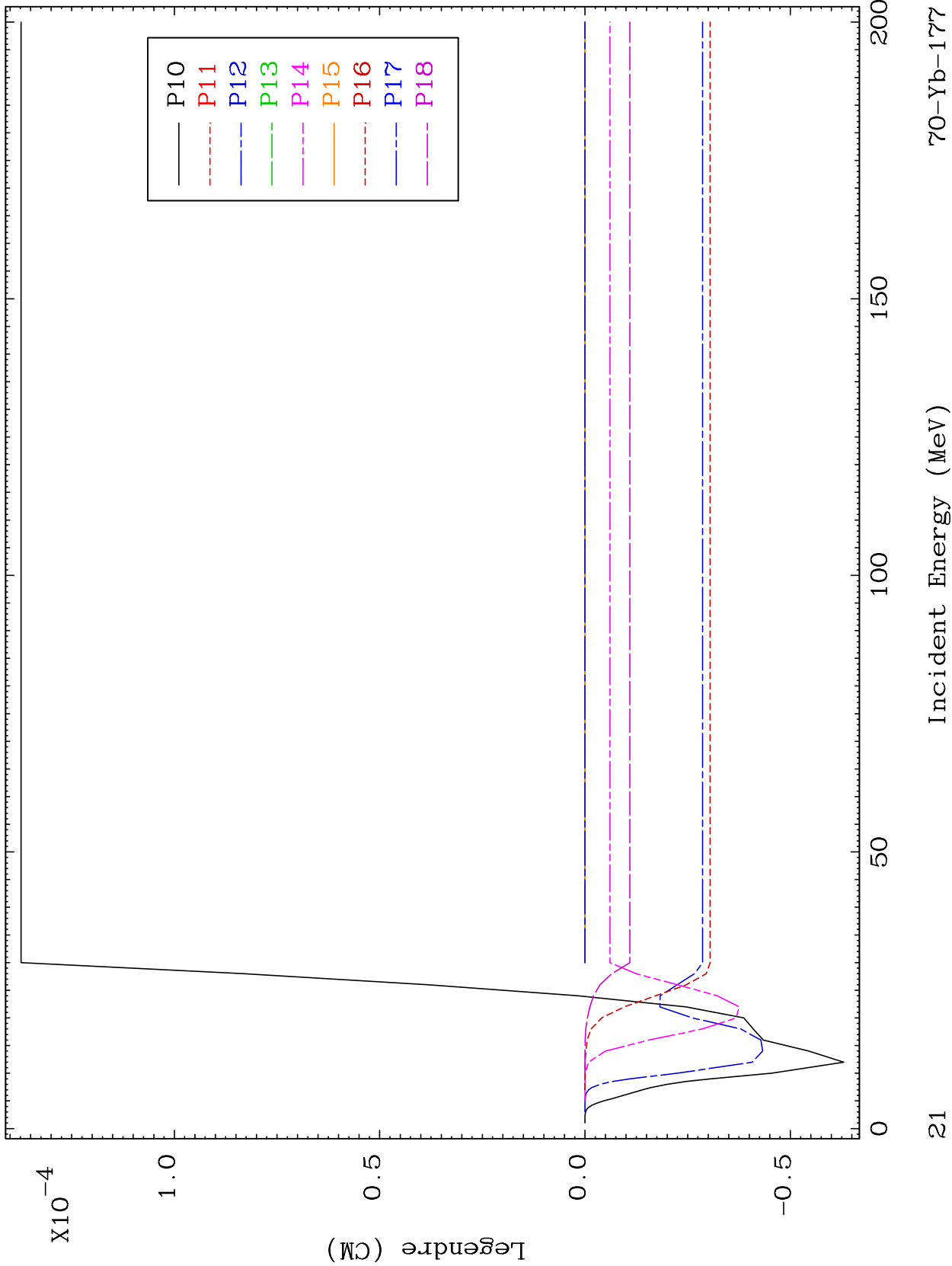
Incident Energy (MeV)

70-Yb-177

MAT 7052

104.5 keV (n,n') Level
Legendre Coefficients

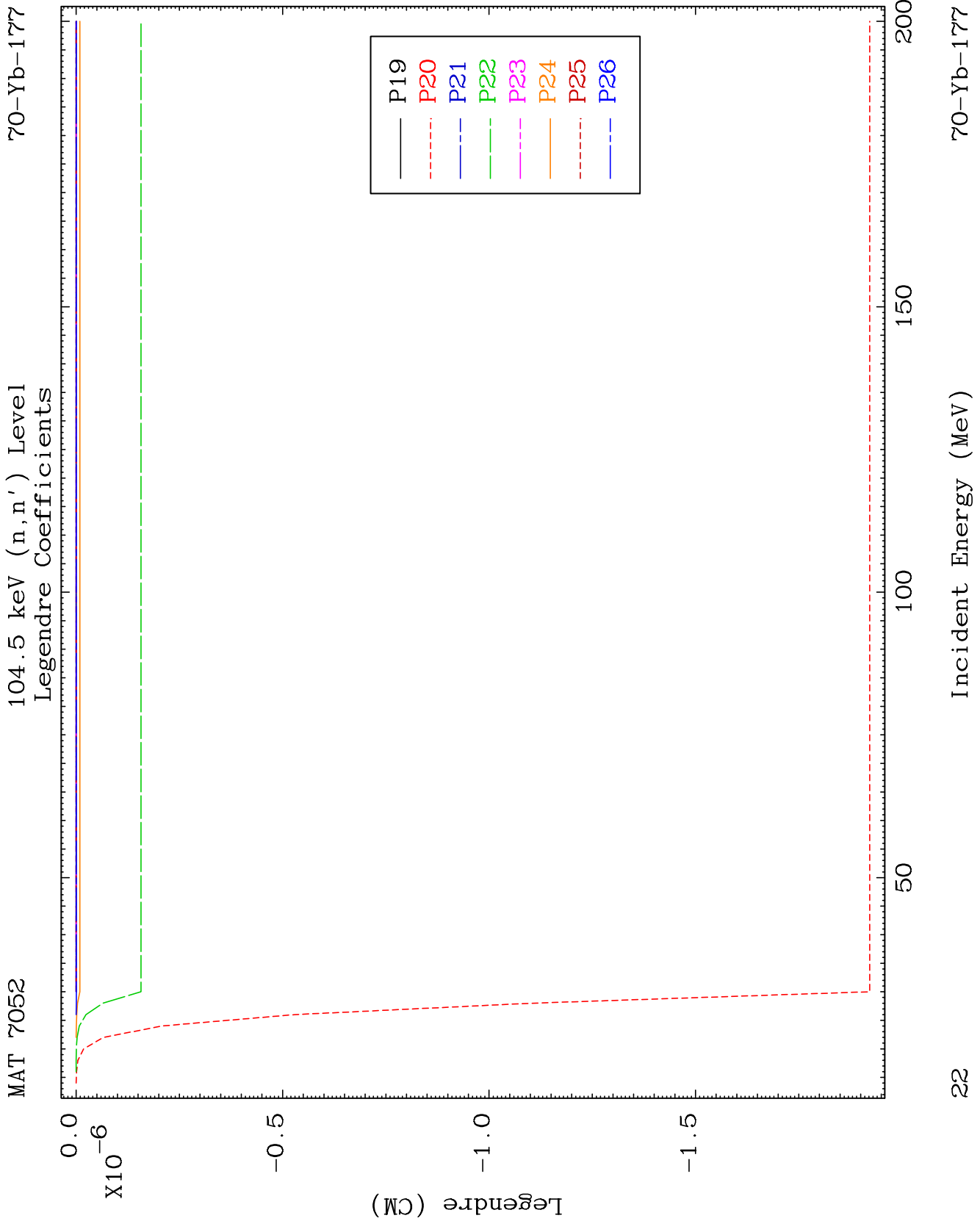
70-Yb-177



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Incident Energy (MeV)

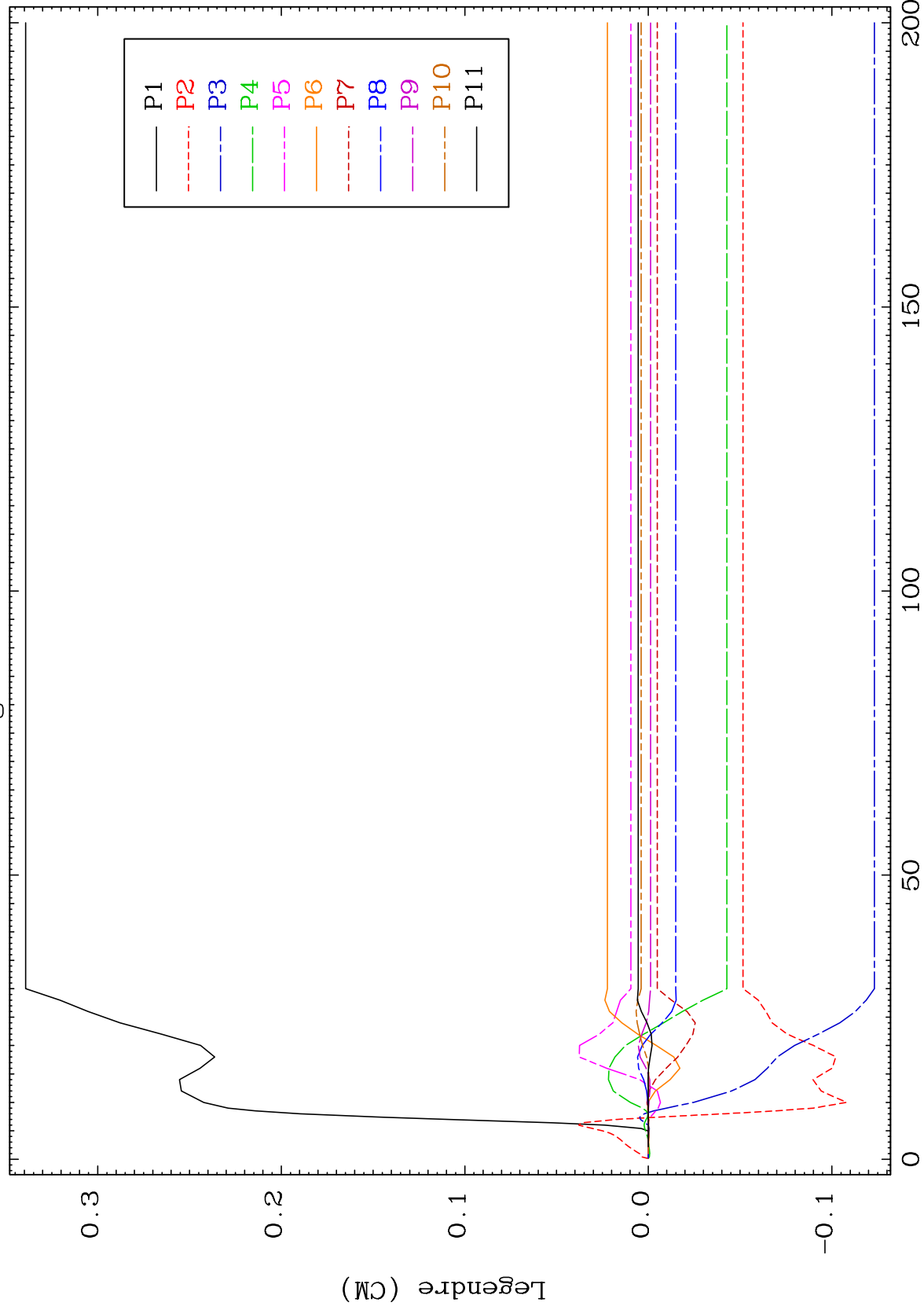
70-Yb-177



MAT 7052

121.2 keV (n,n') Level Legendre Coefficients

70-Yb-177



23

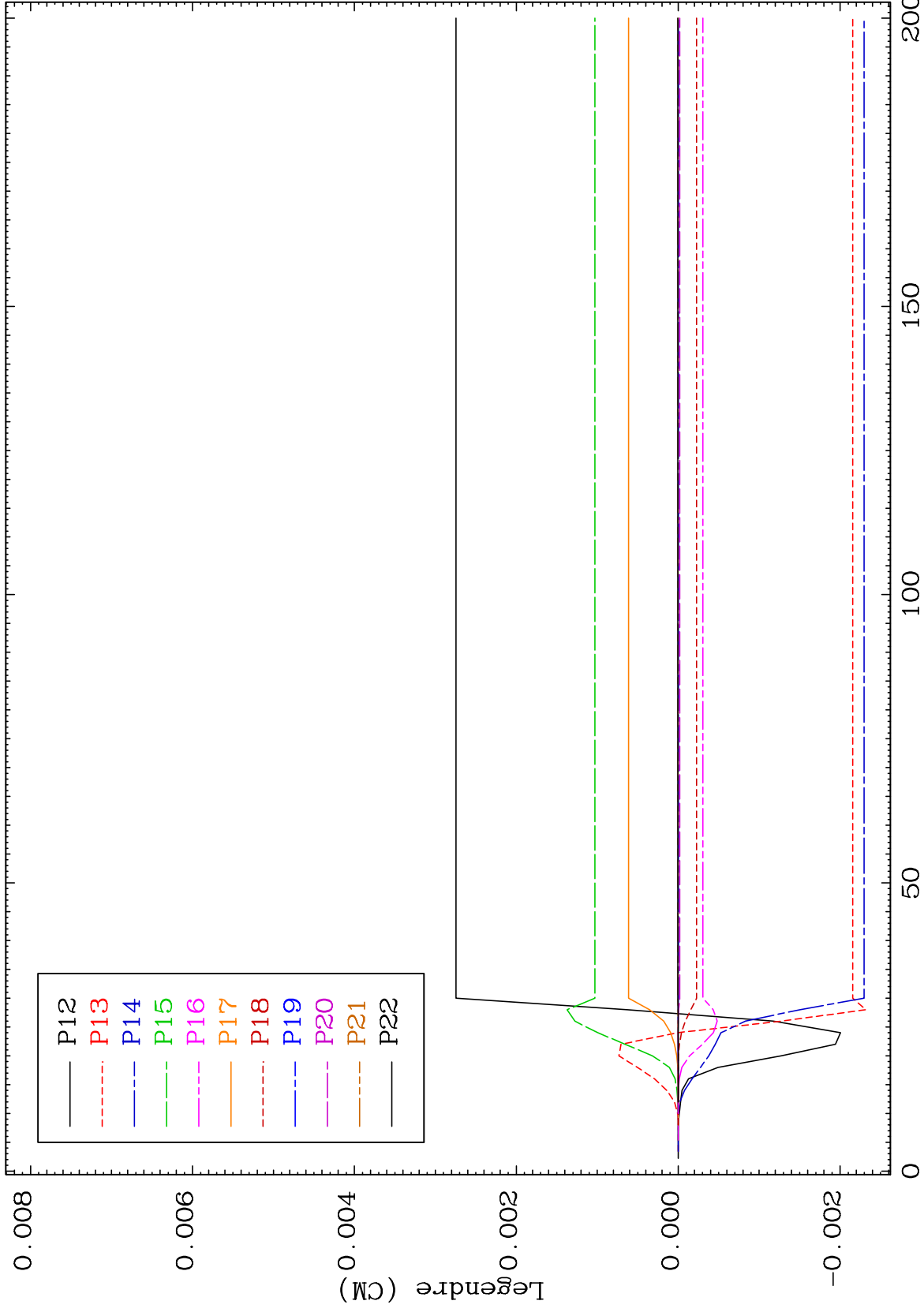
Incident Energy (MeV)

70-Yb-177

MAT 7052

121.2 keV (n,n') Level
Legendre Coefficients

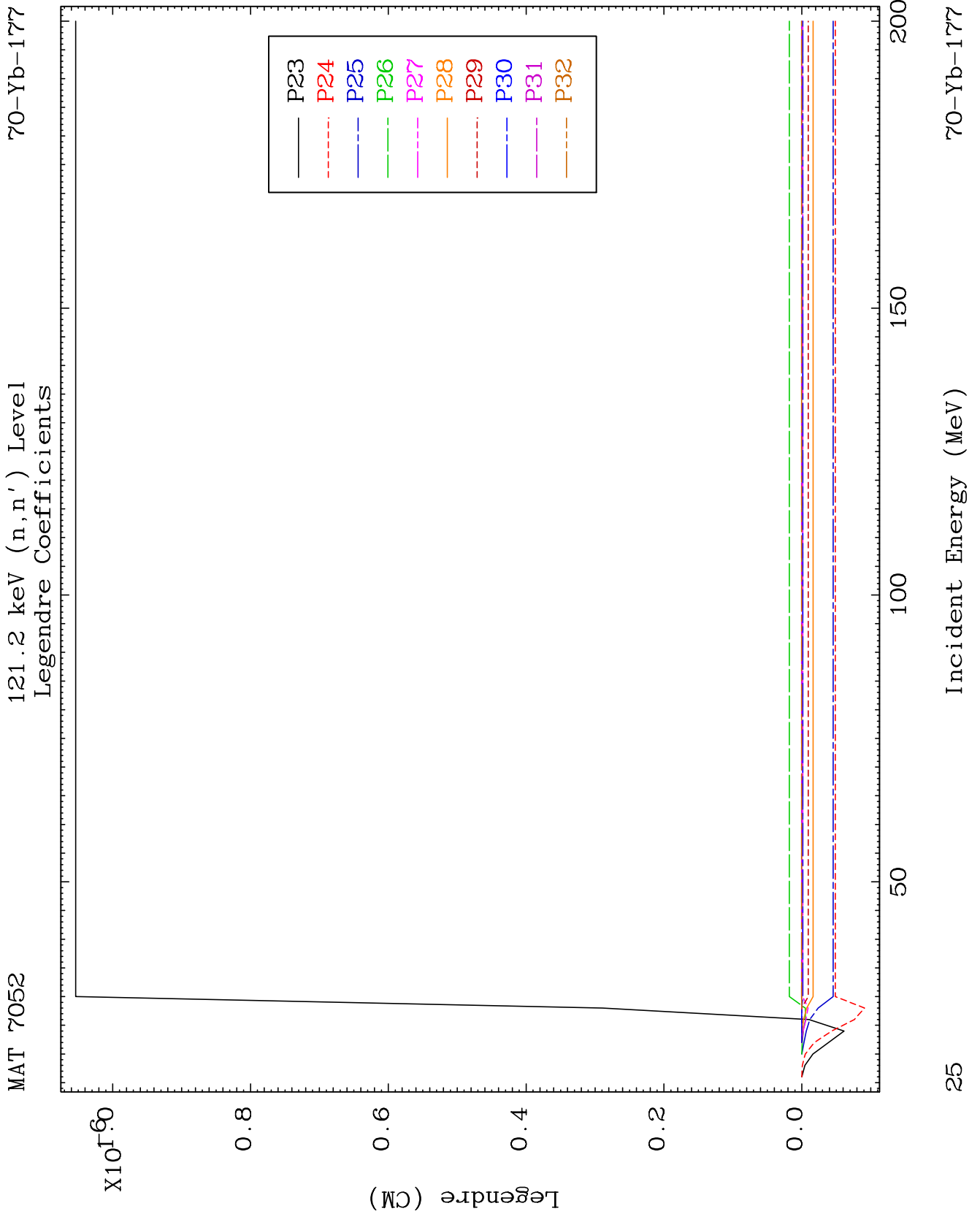
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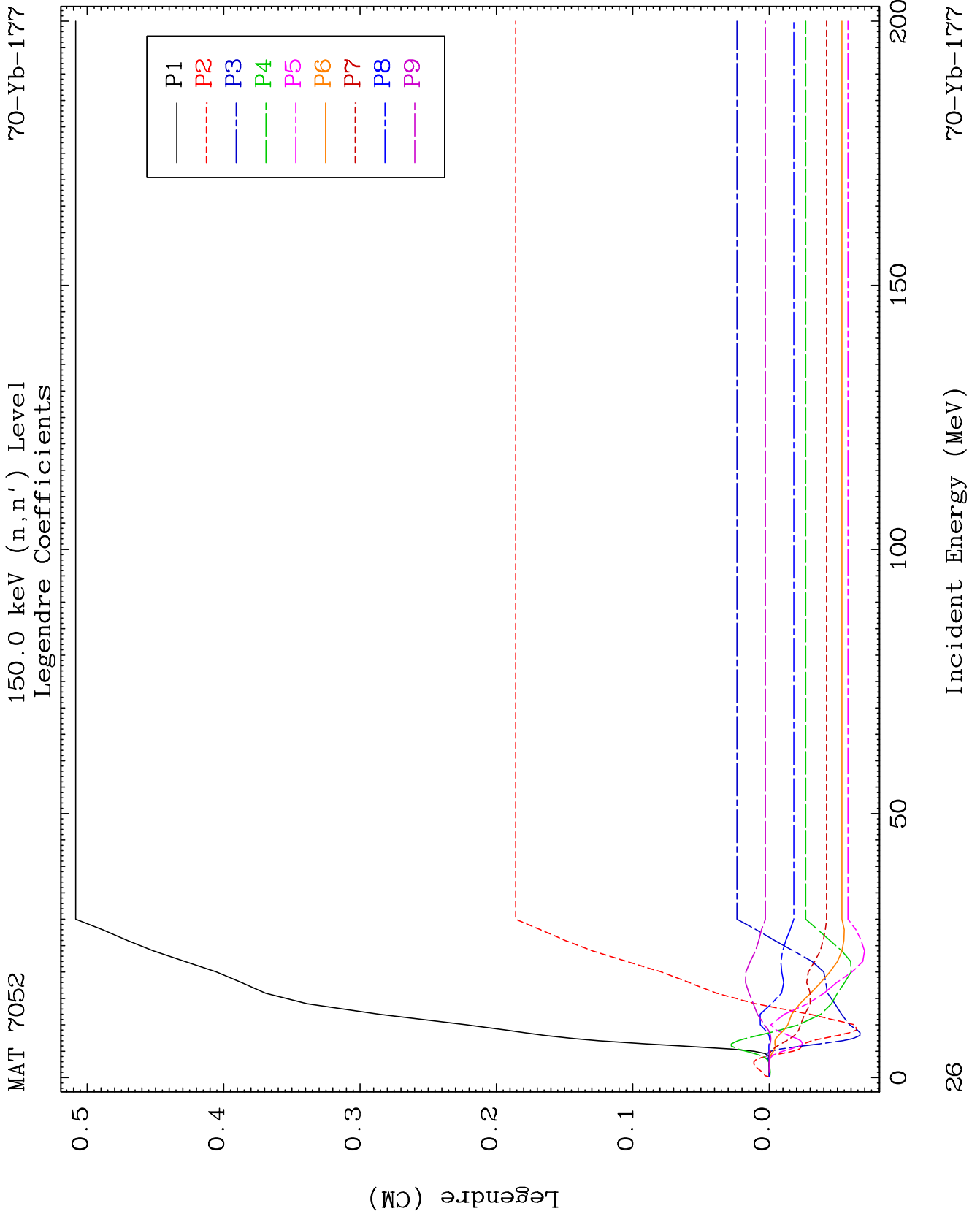


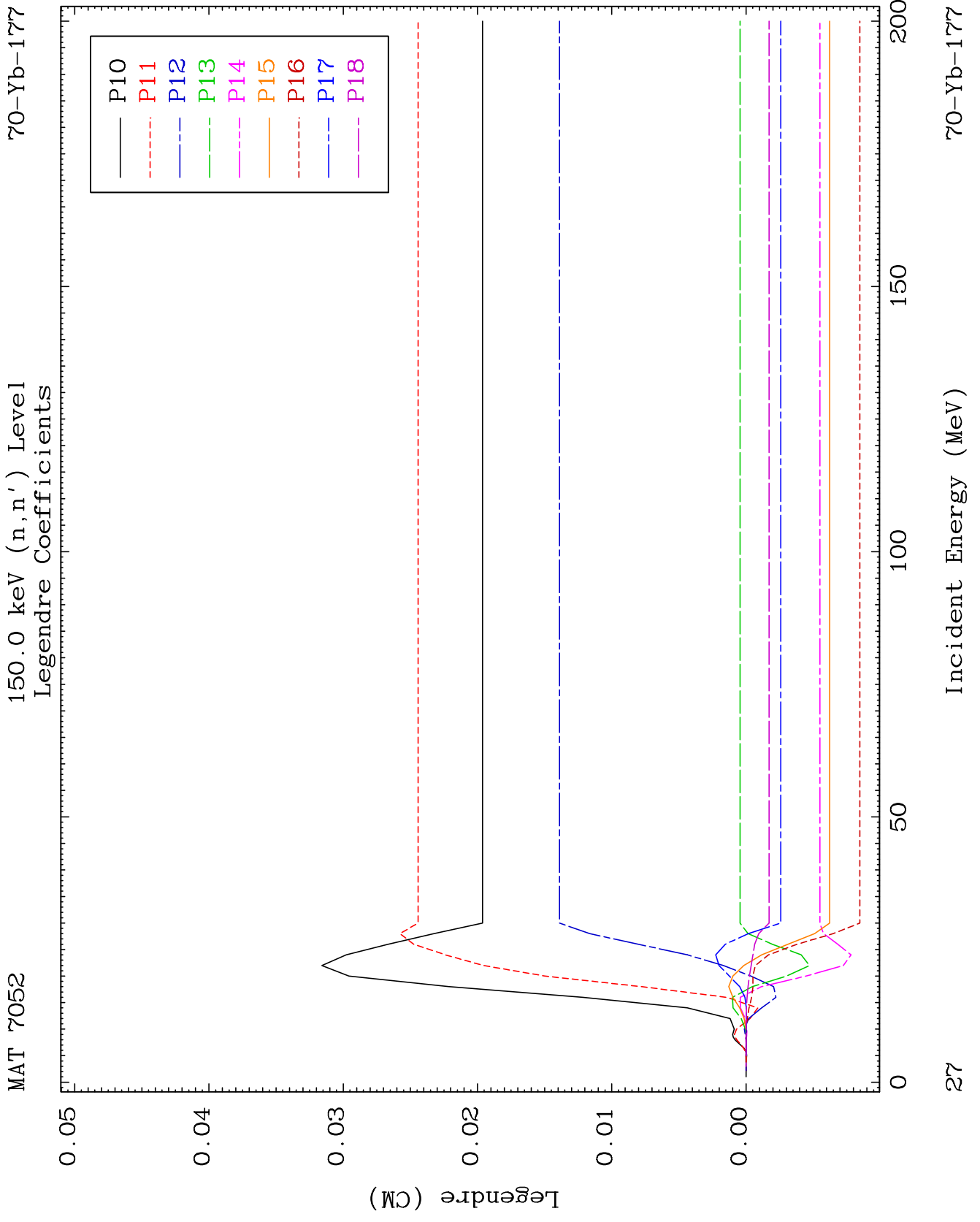
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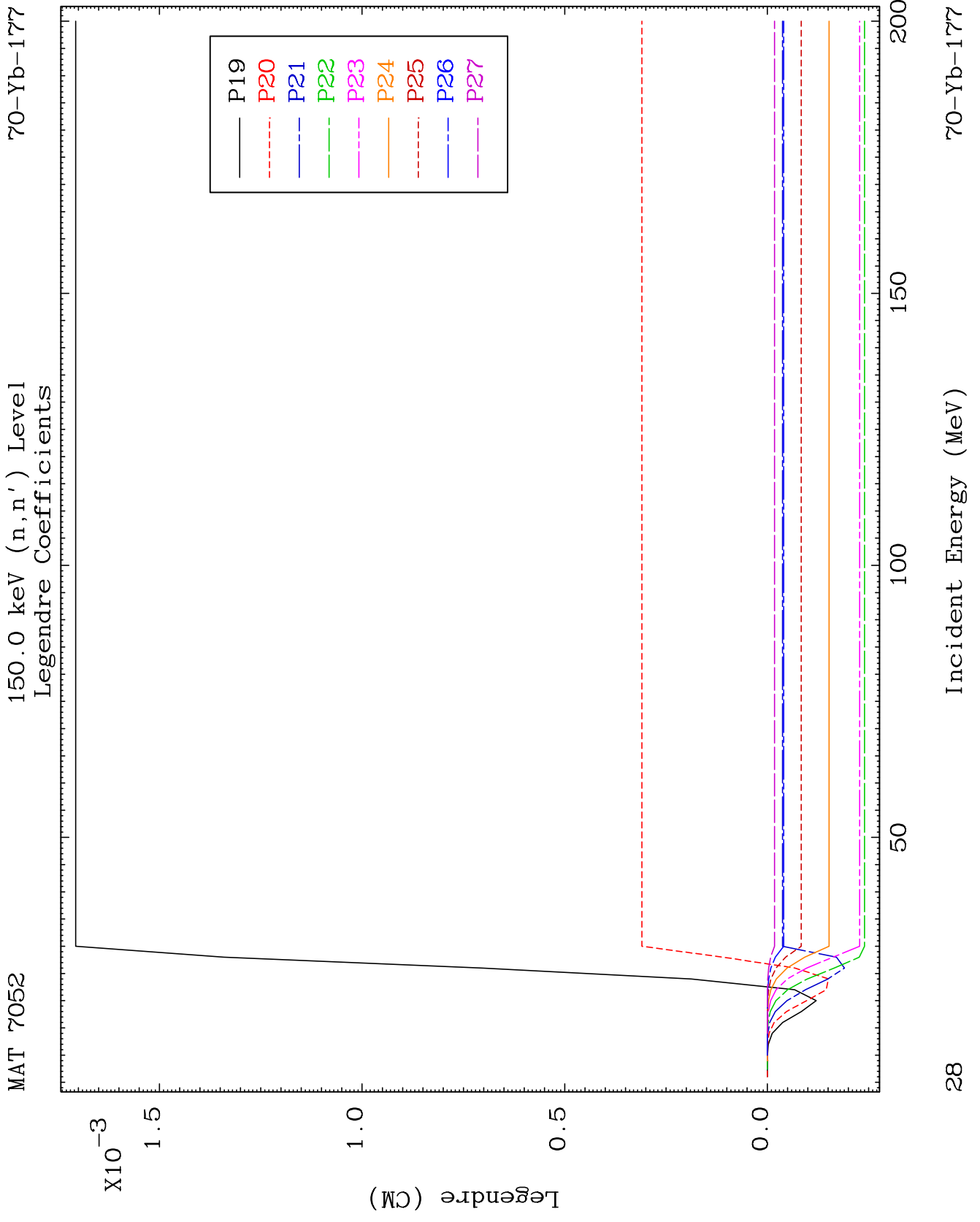
Incident Energy (MeV)

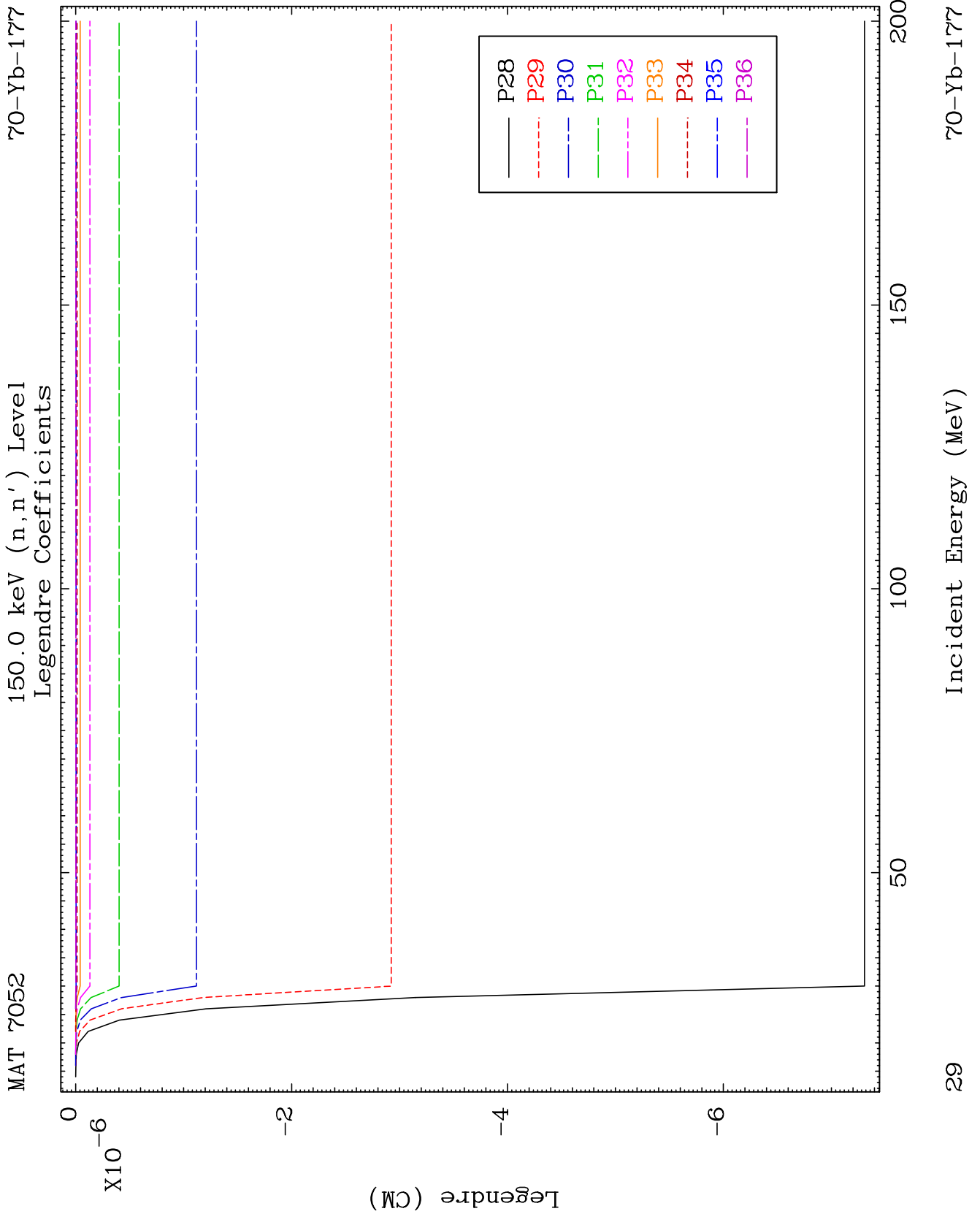
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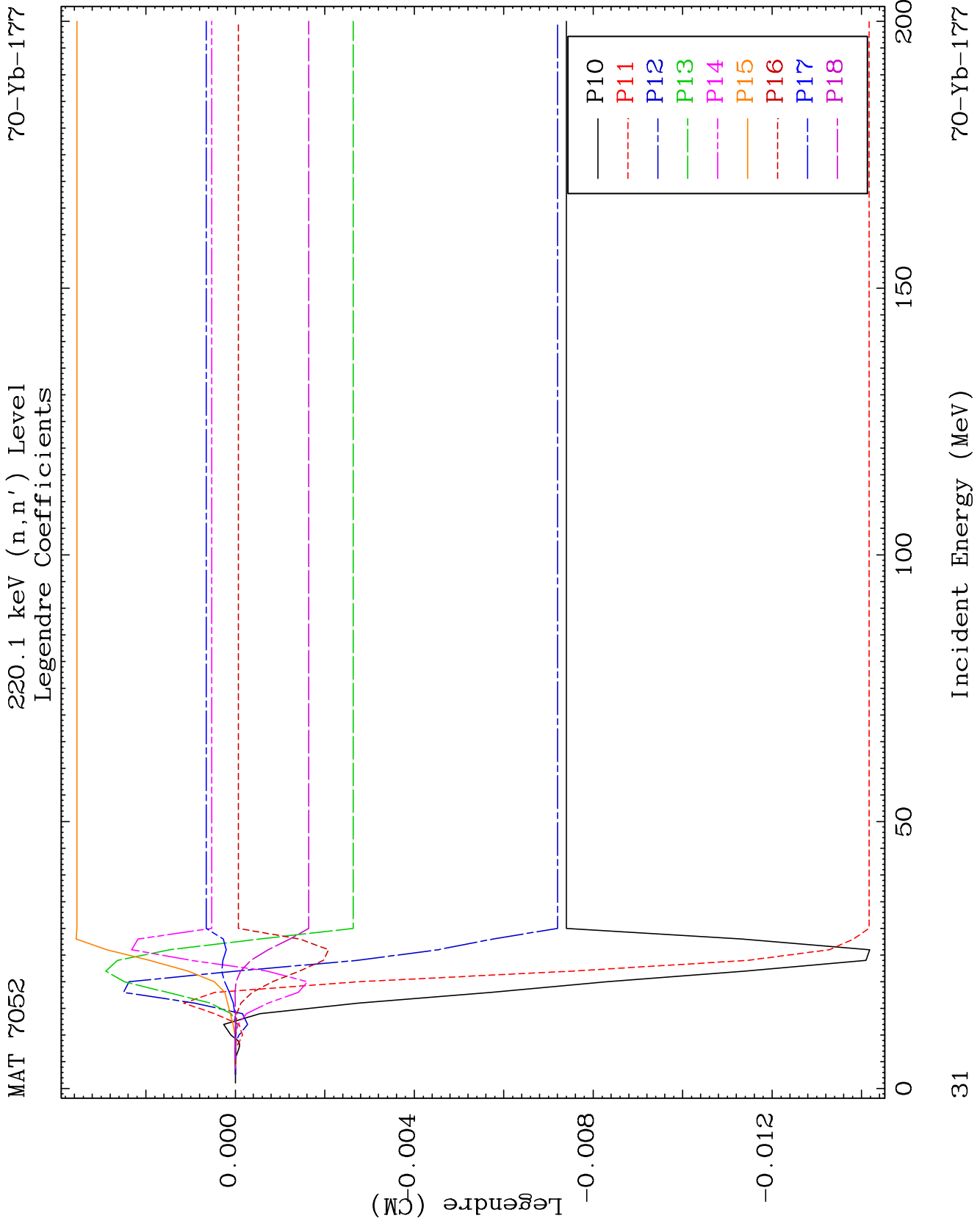


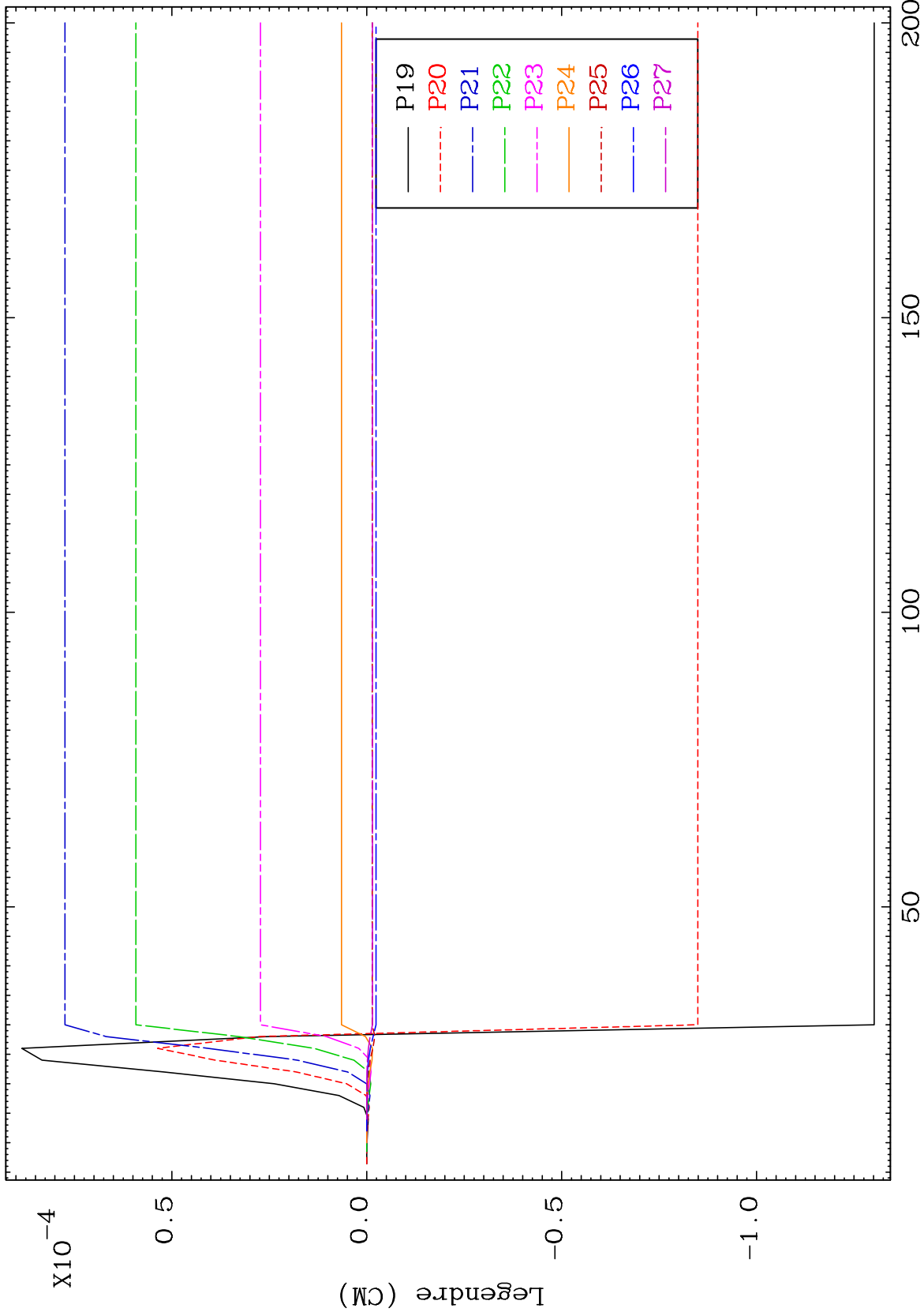


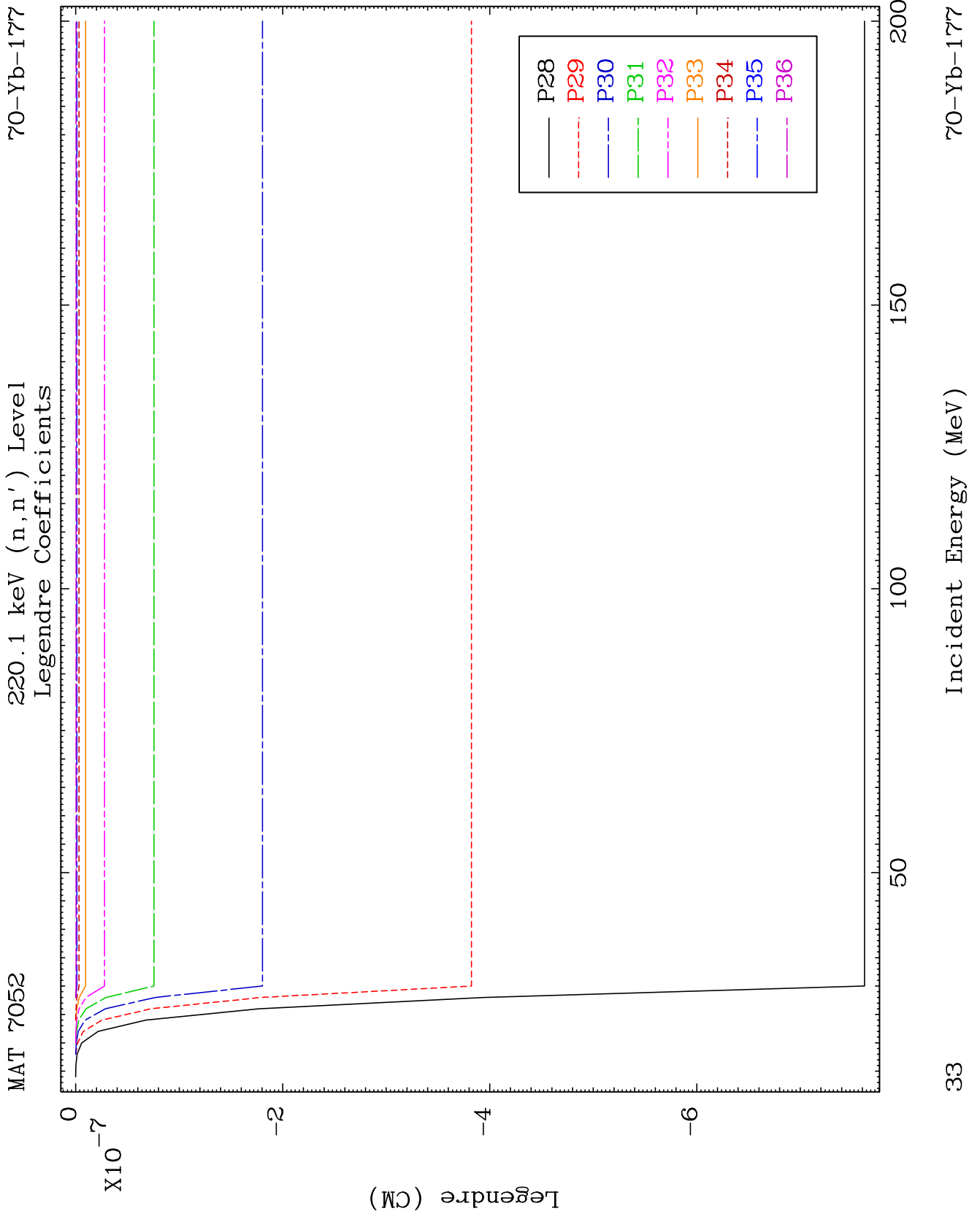


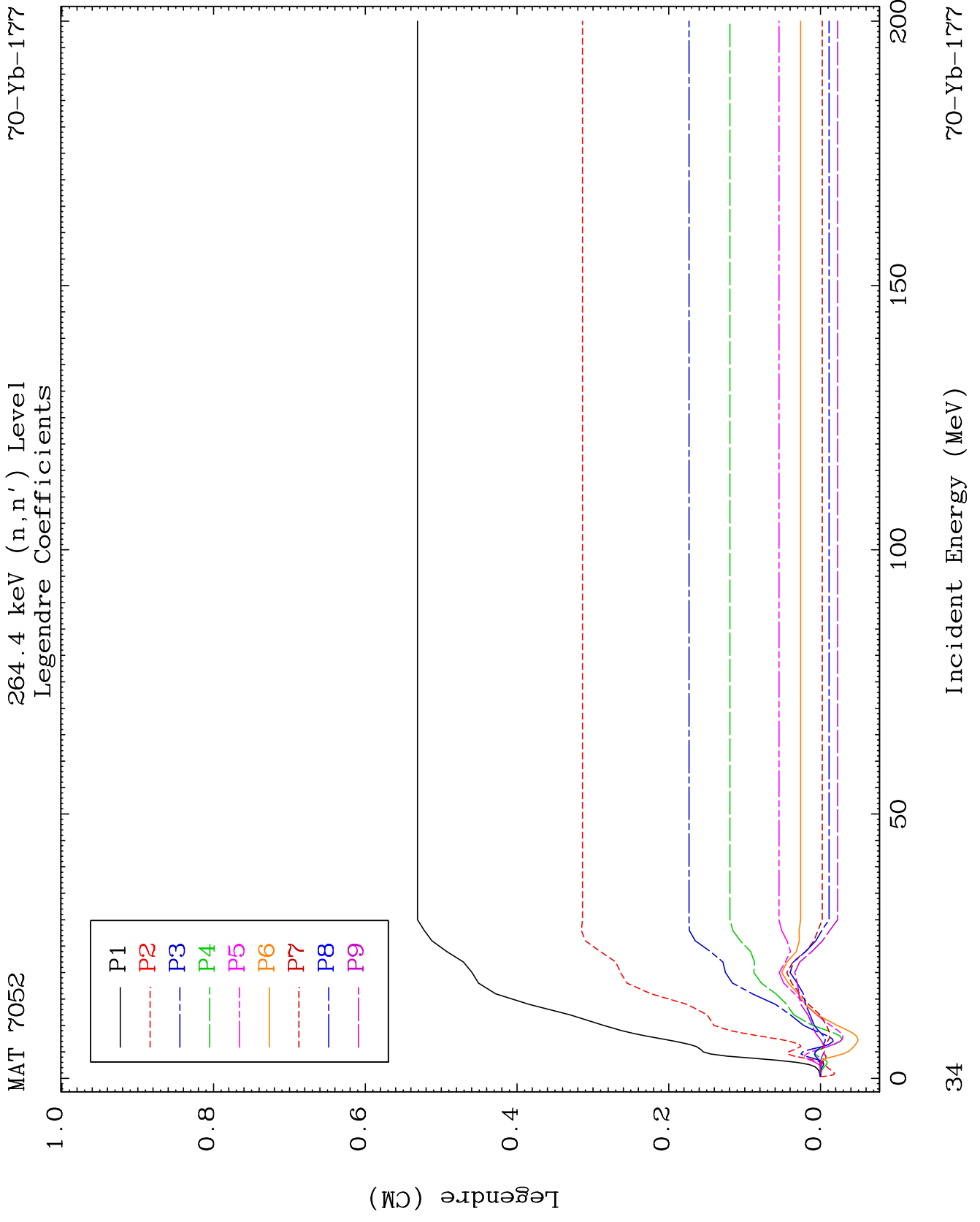


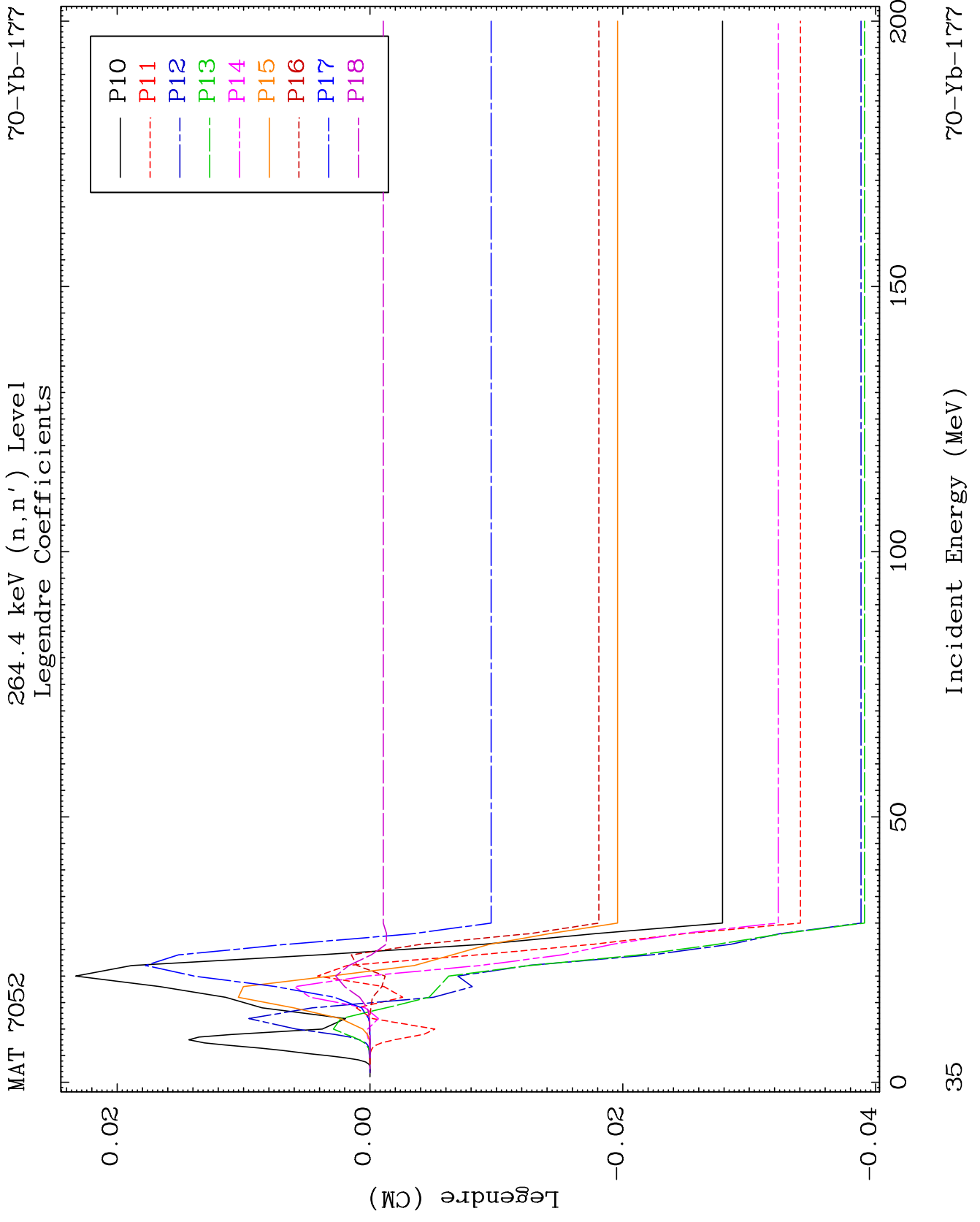


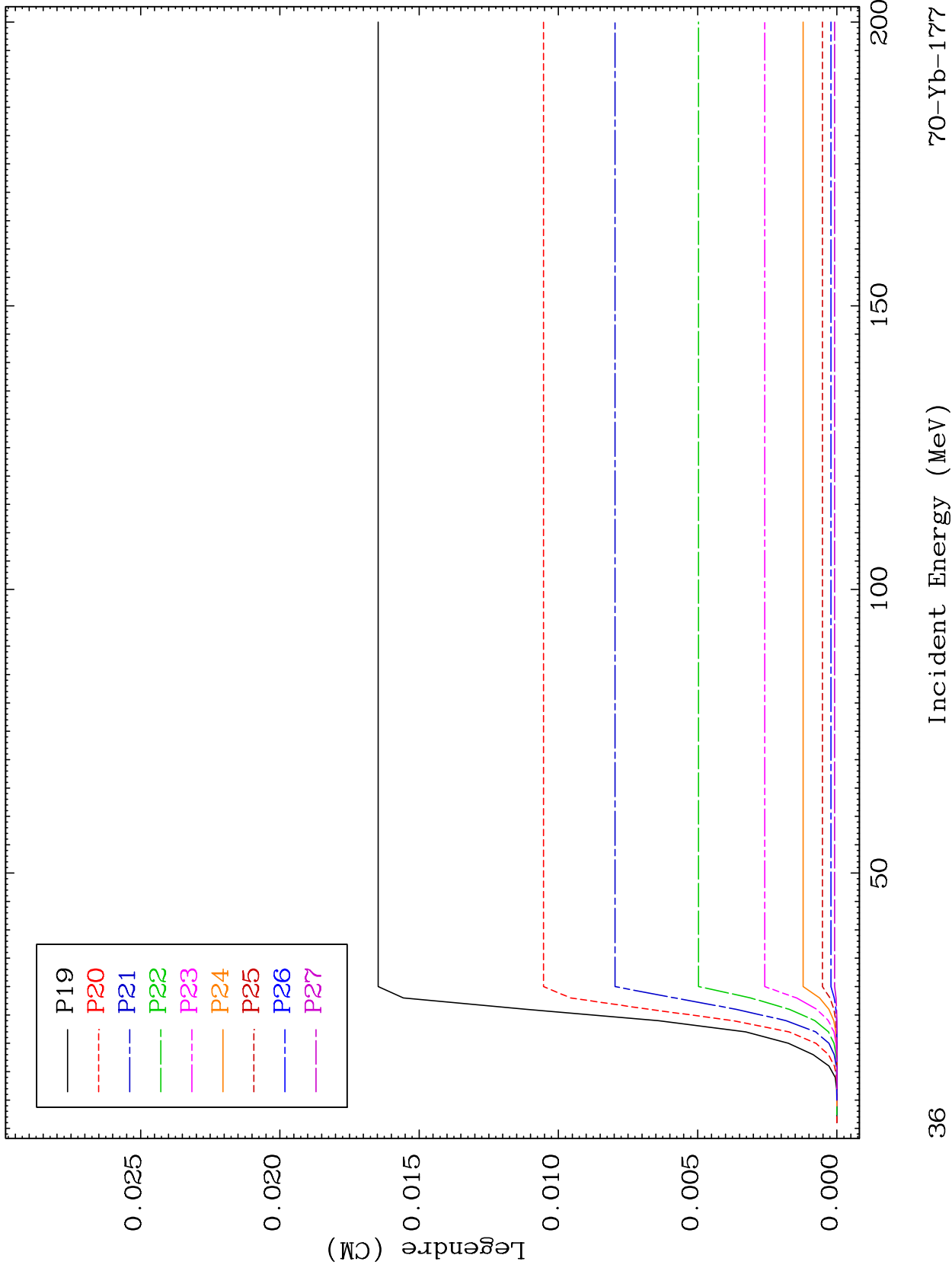








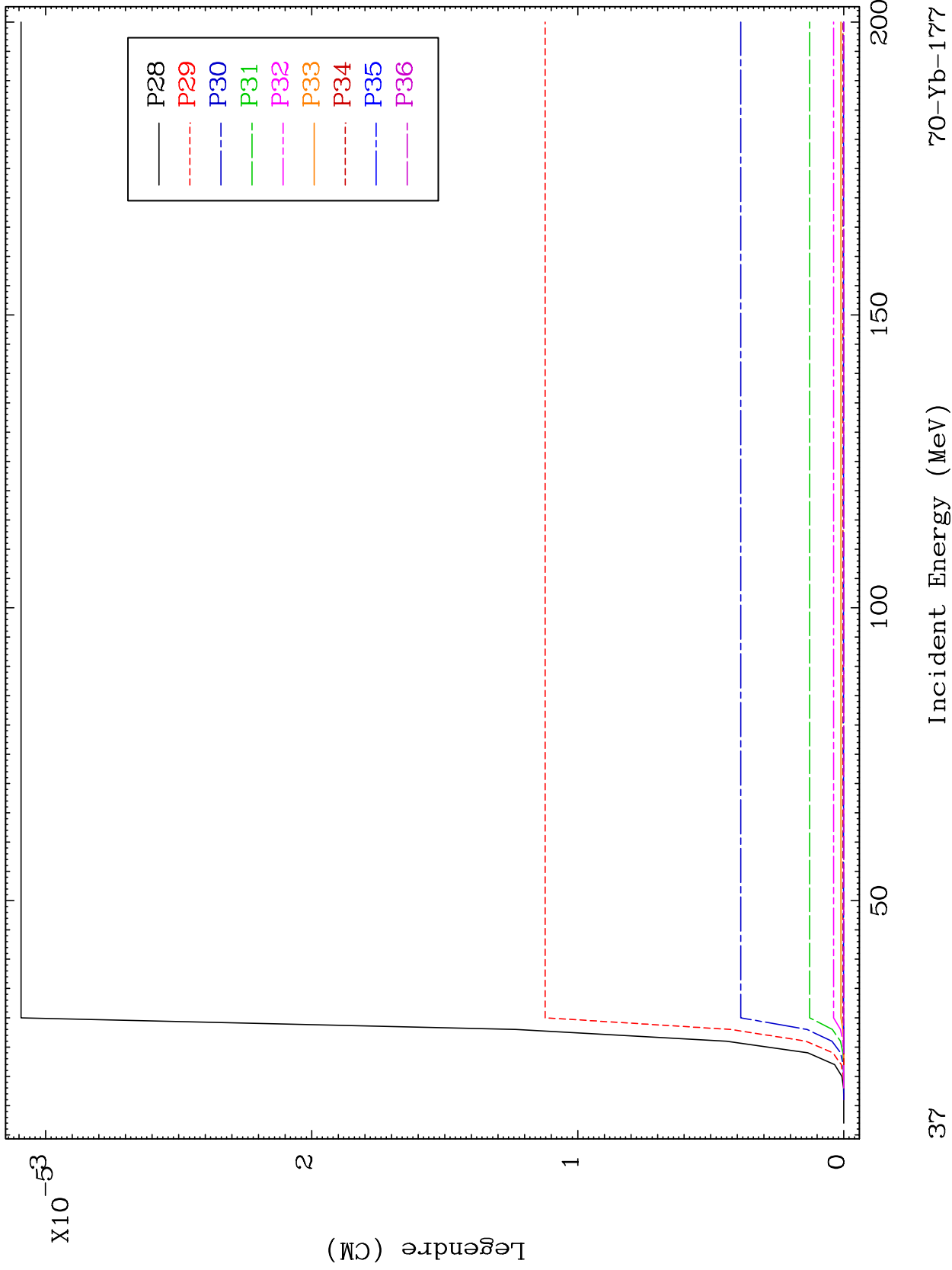


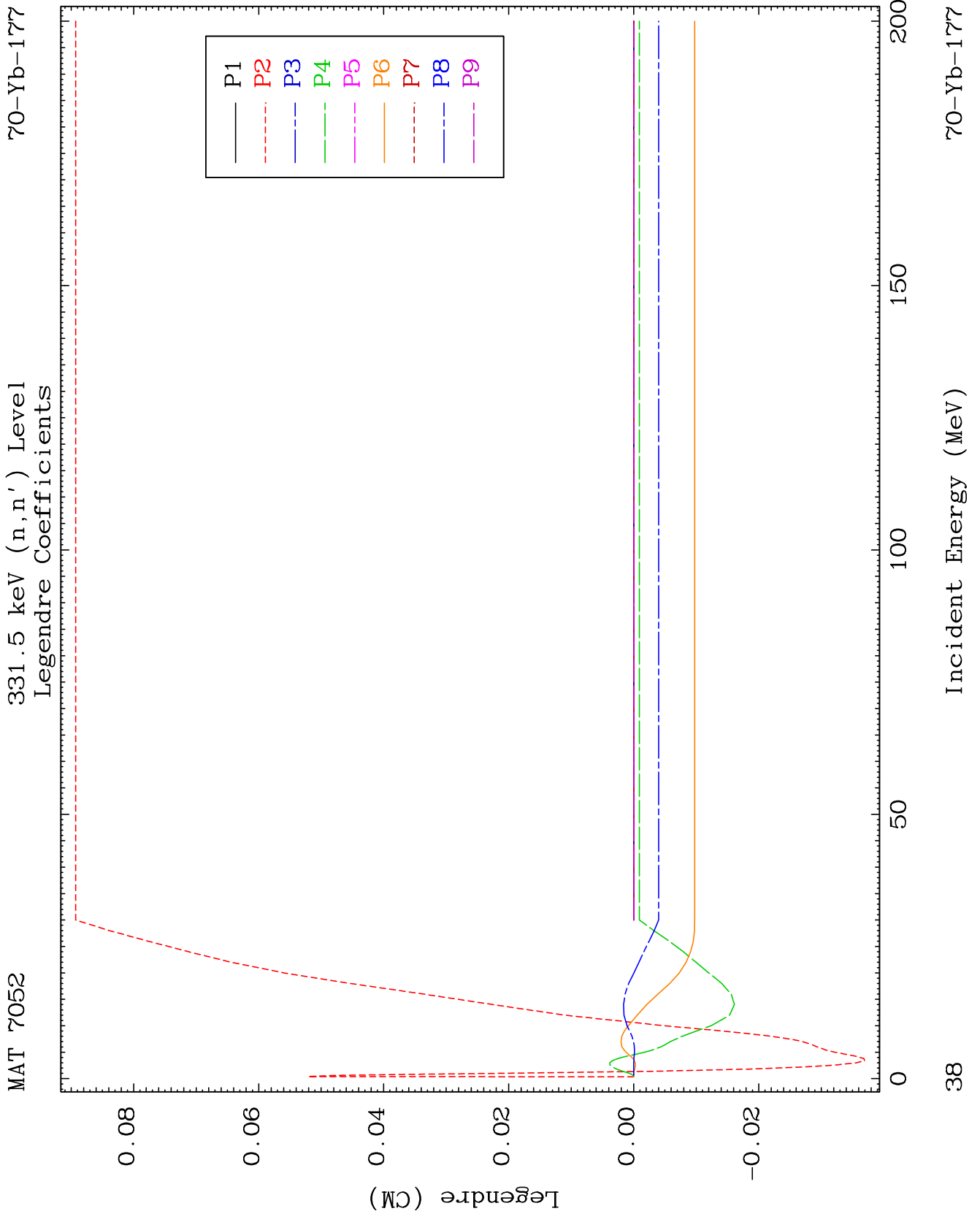


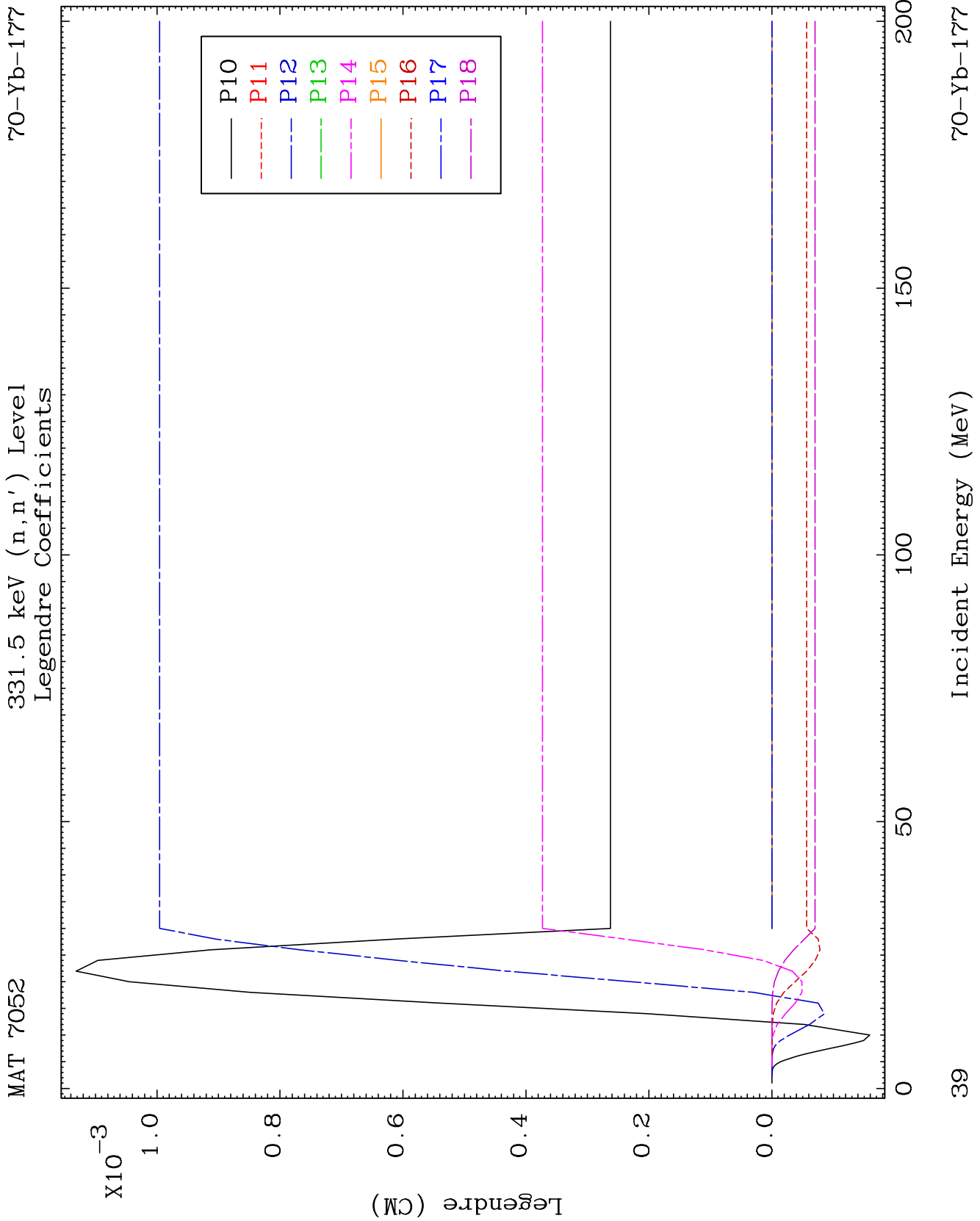
MAT 7052

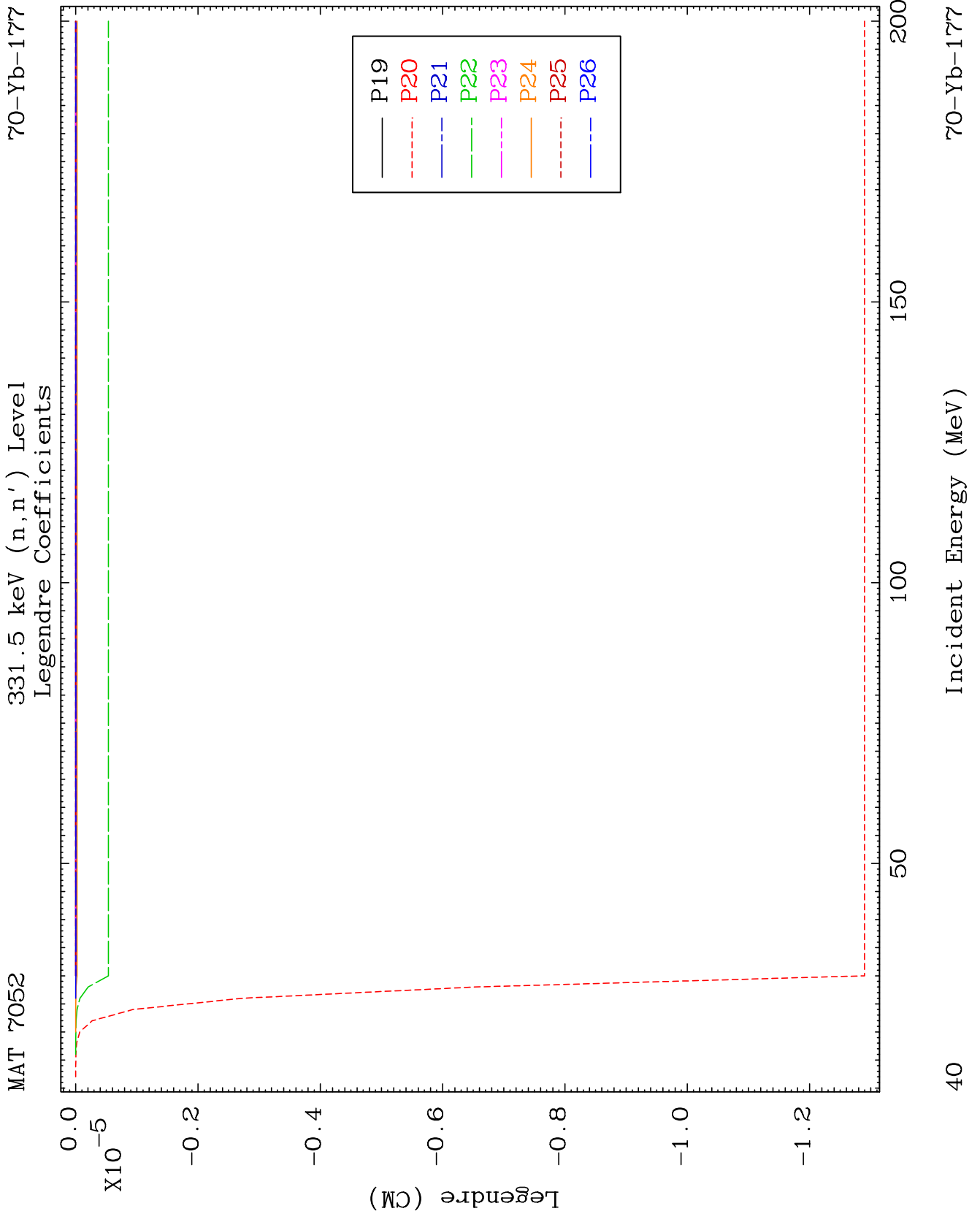
264.4 keV (n,n') Level
Legendre Coefficients

70-Yb-177





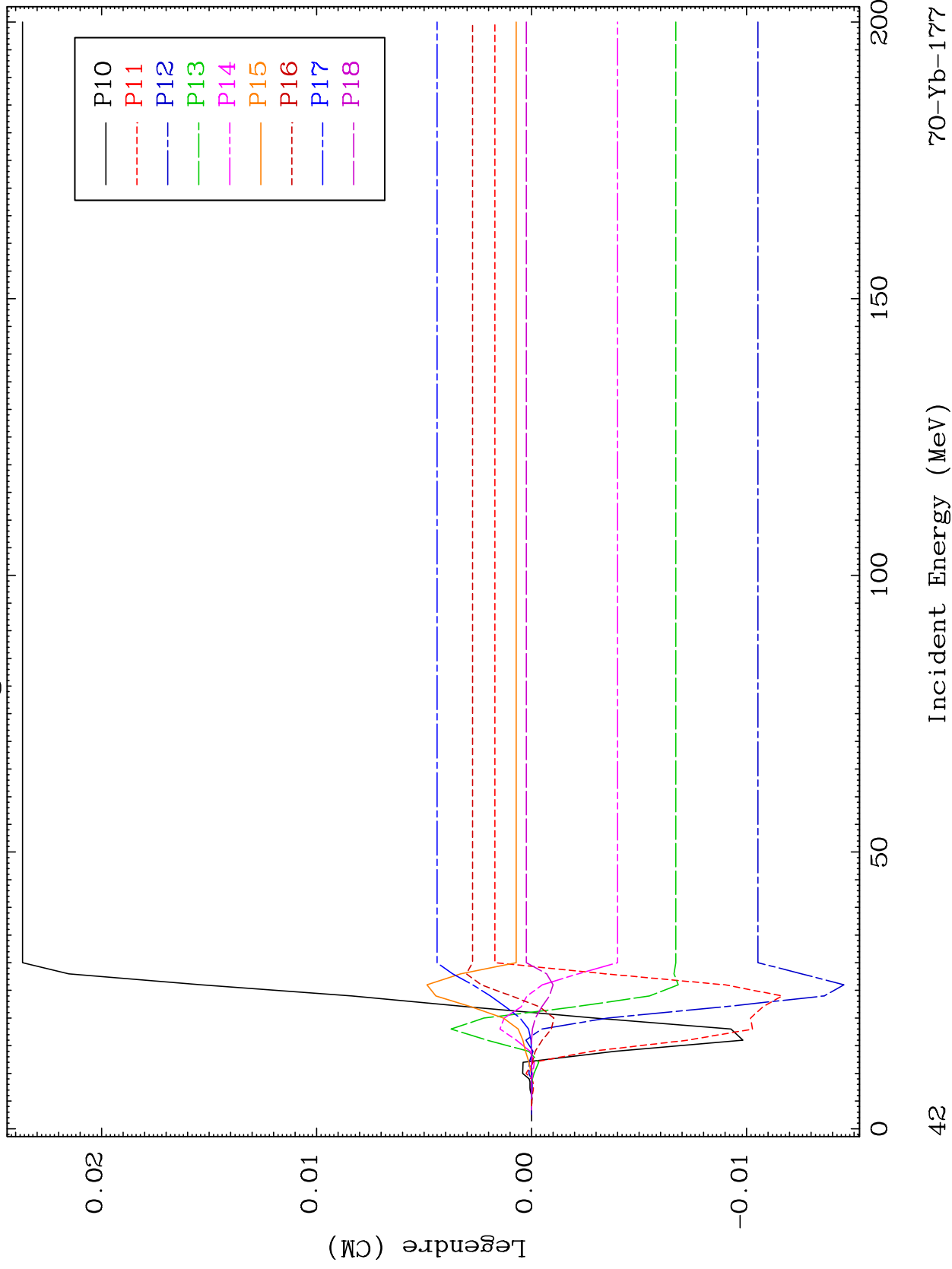




MAT 7052

361.1 keV (n,n') Level
Legendre Coefficients

70-Yb-177



70-Yb-177

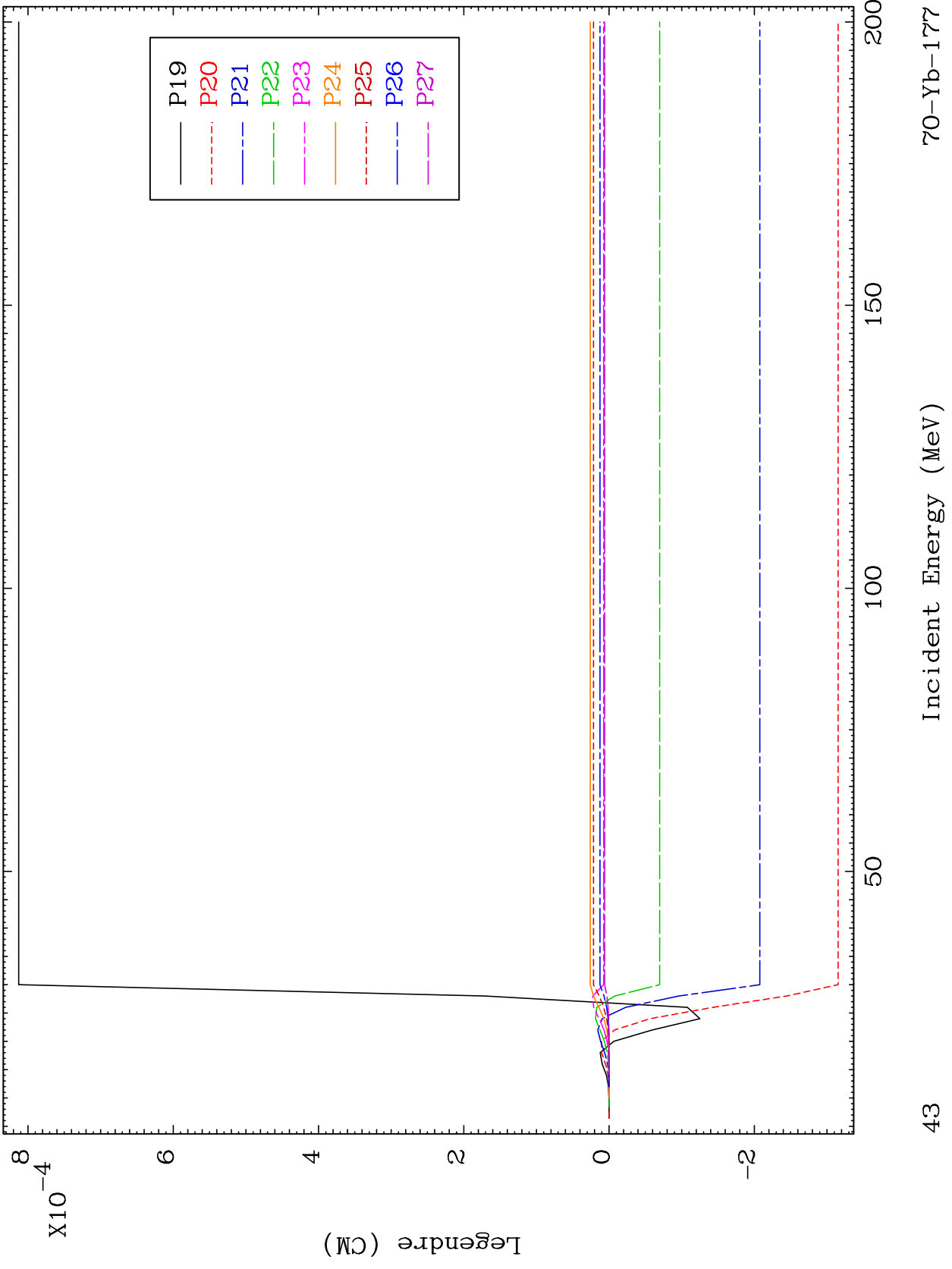
Incident Energy (MeV)

42

MAT 7052

361.1 keV (n, n') Level
Legendre Coefficients

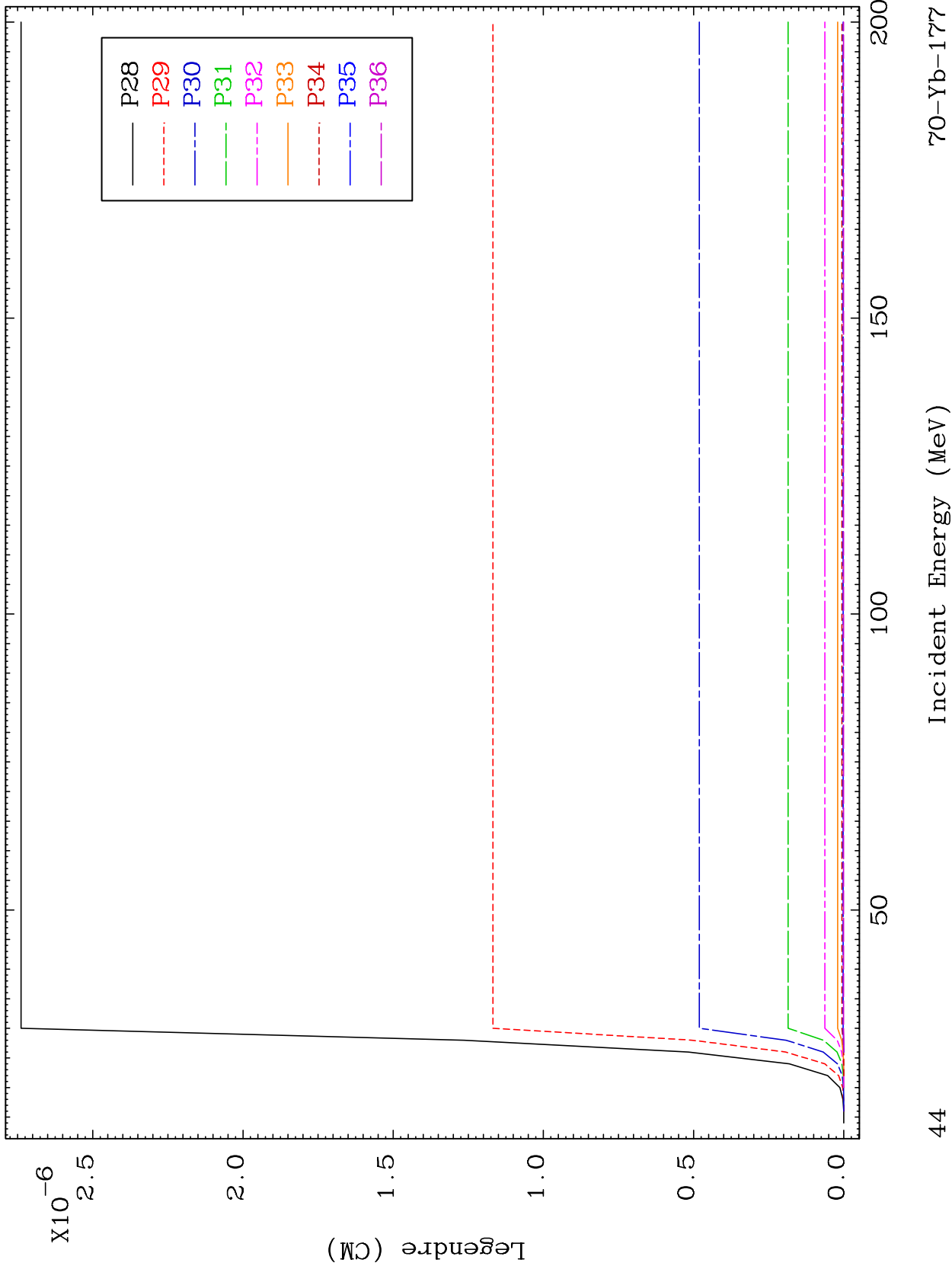
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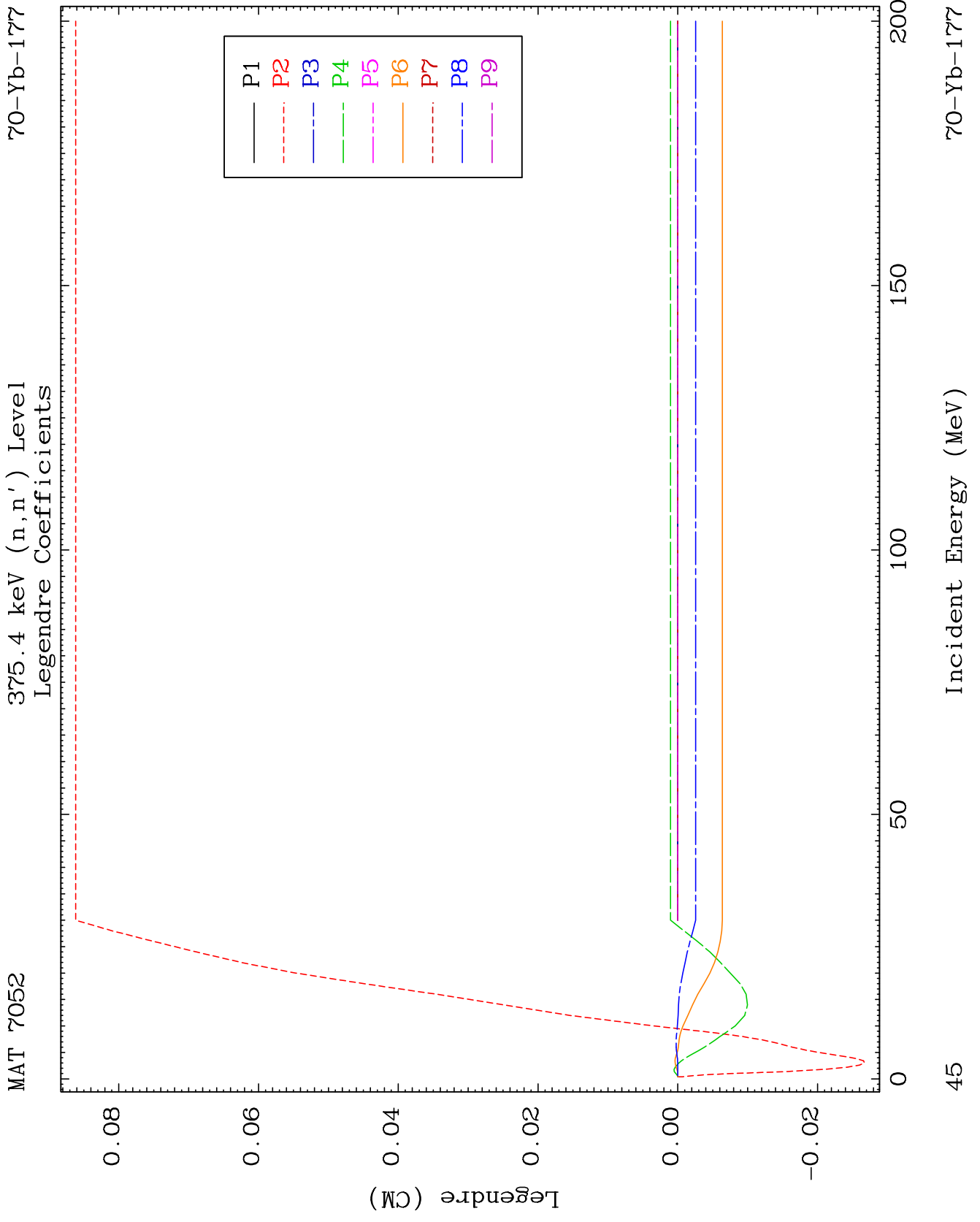
MAT 7052

361.1 keV (n,n') Level
Legendre Coefficients

70-Yb-177



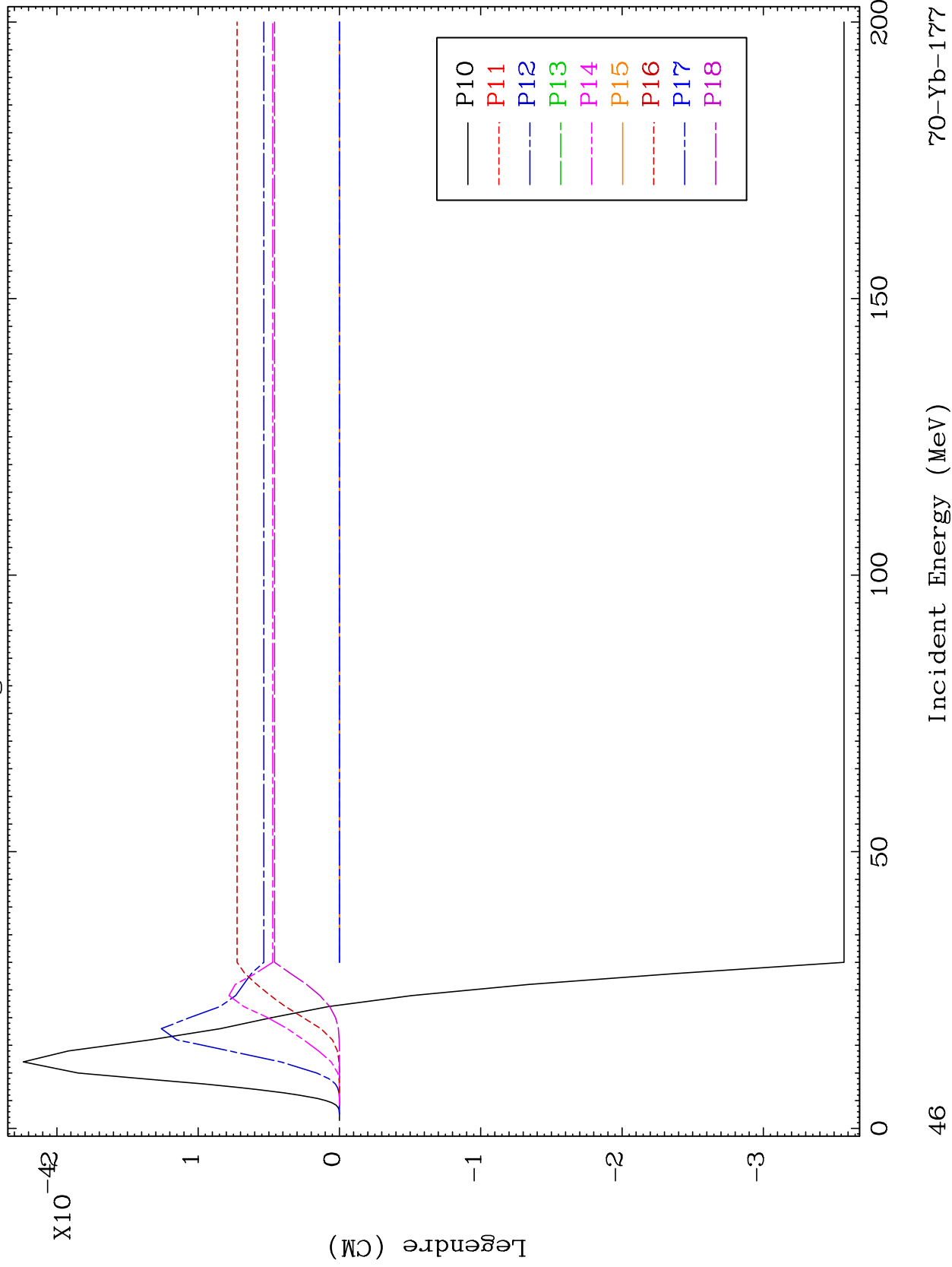
44



MAT 7052

375.4 keV (n, n') Level
Legendre Coefficients

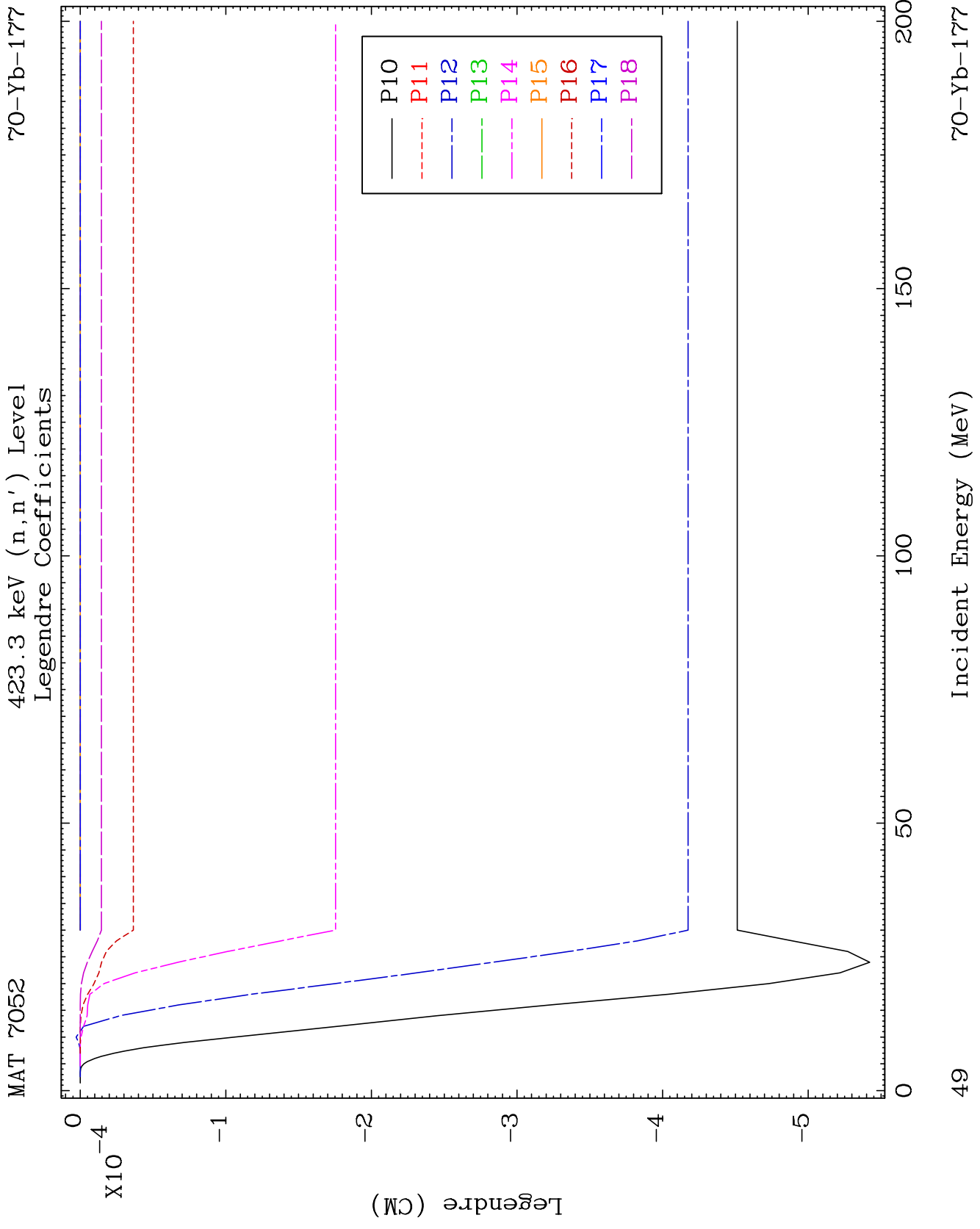
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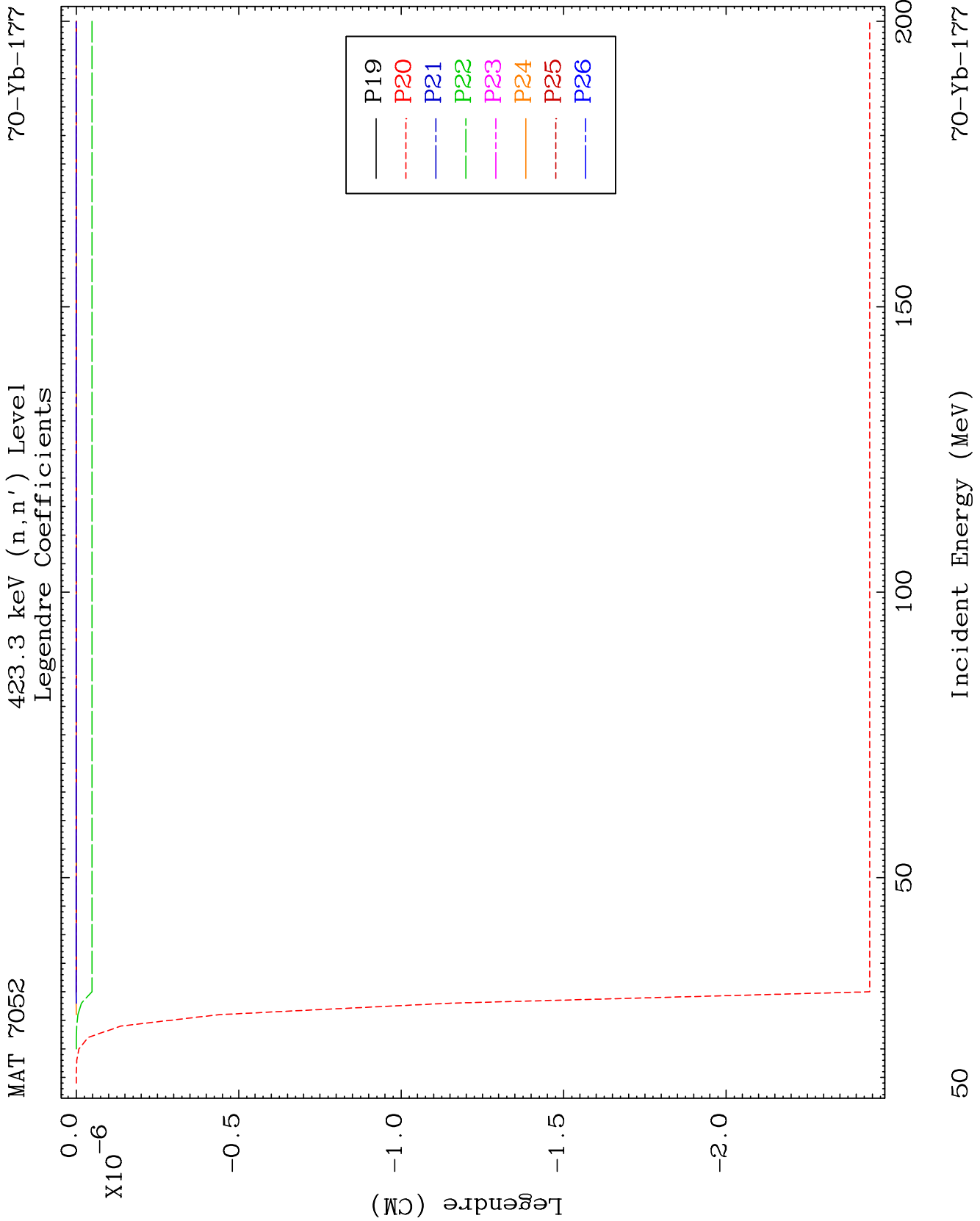


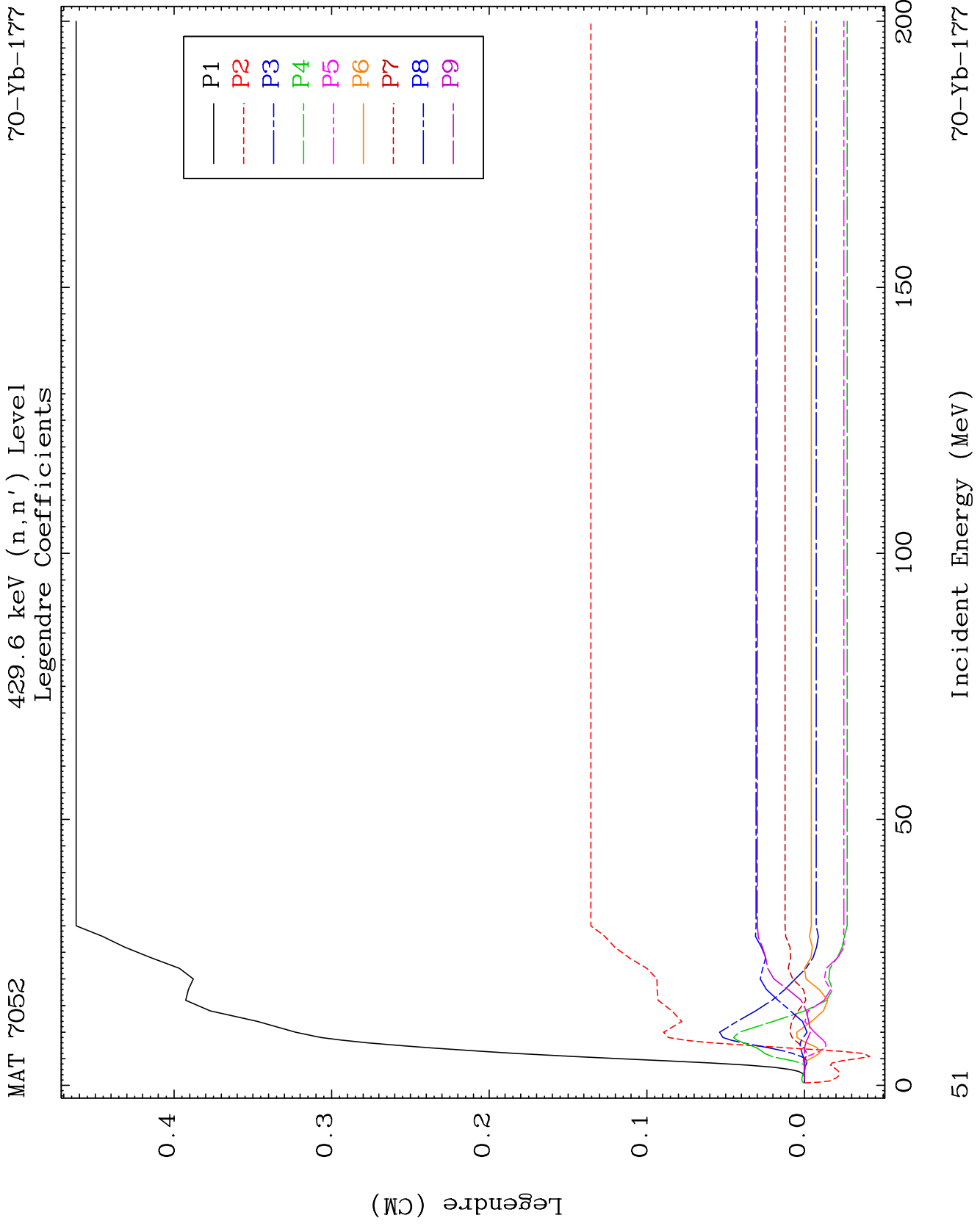
46

Incident Energy (MeV)

70-Yb-177



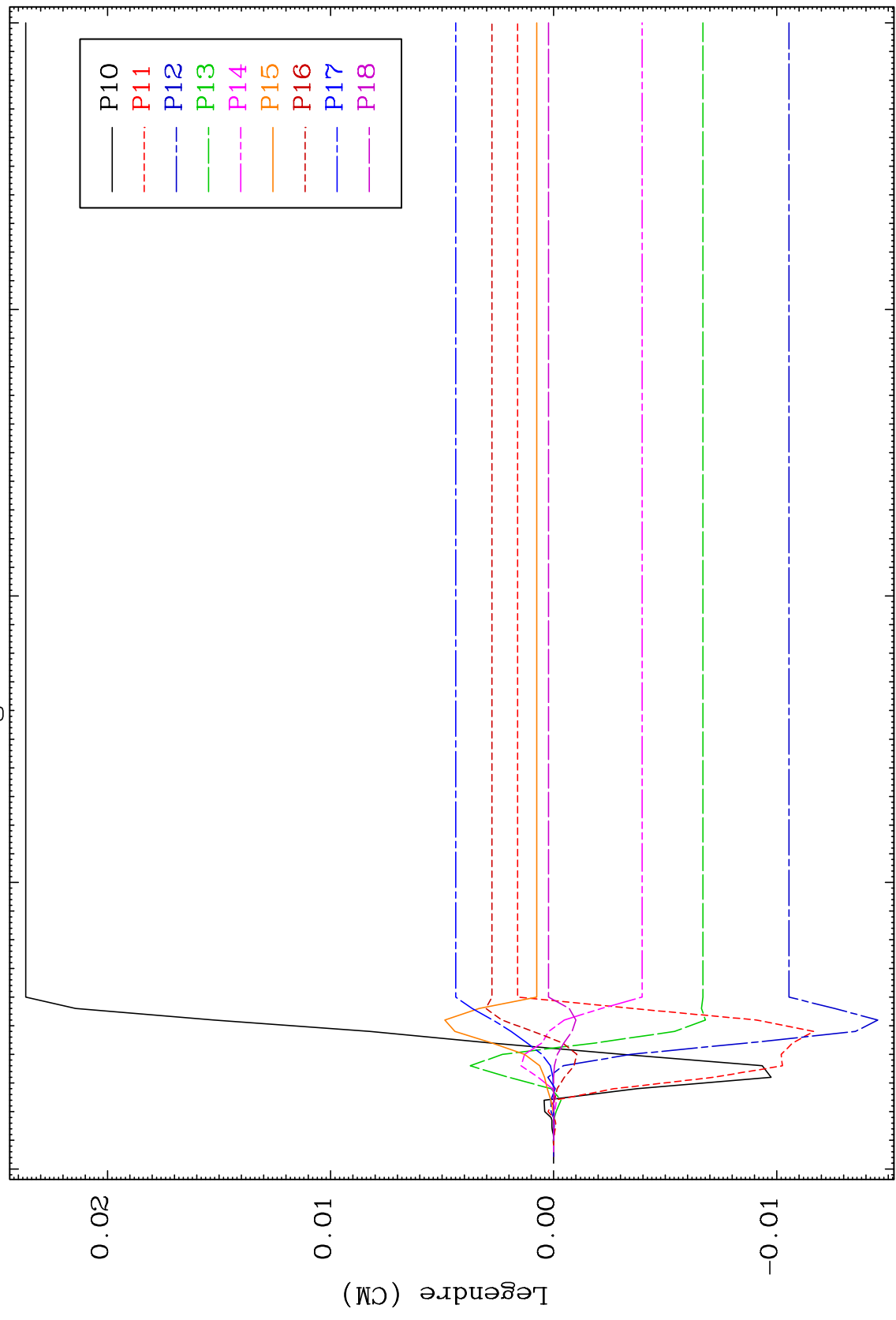




MAT 7052

429.6 keV (n,n') Level
Legendre Coefficients

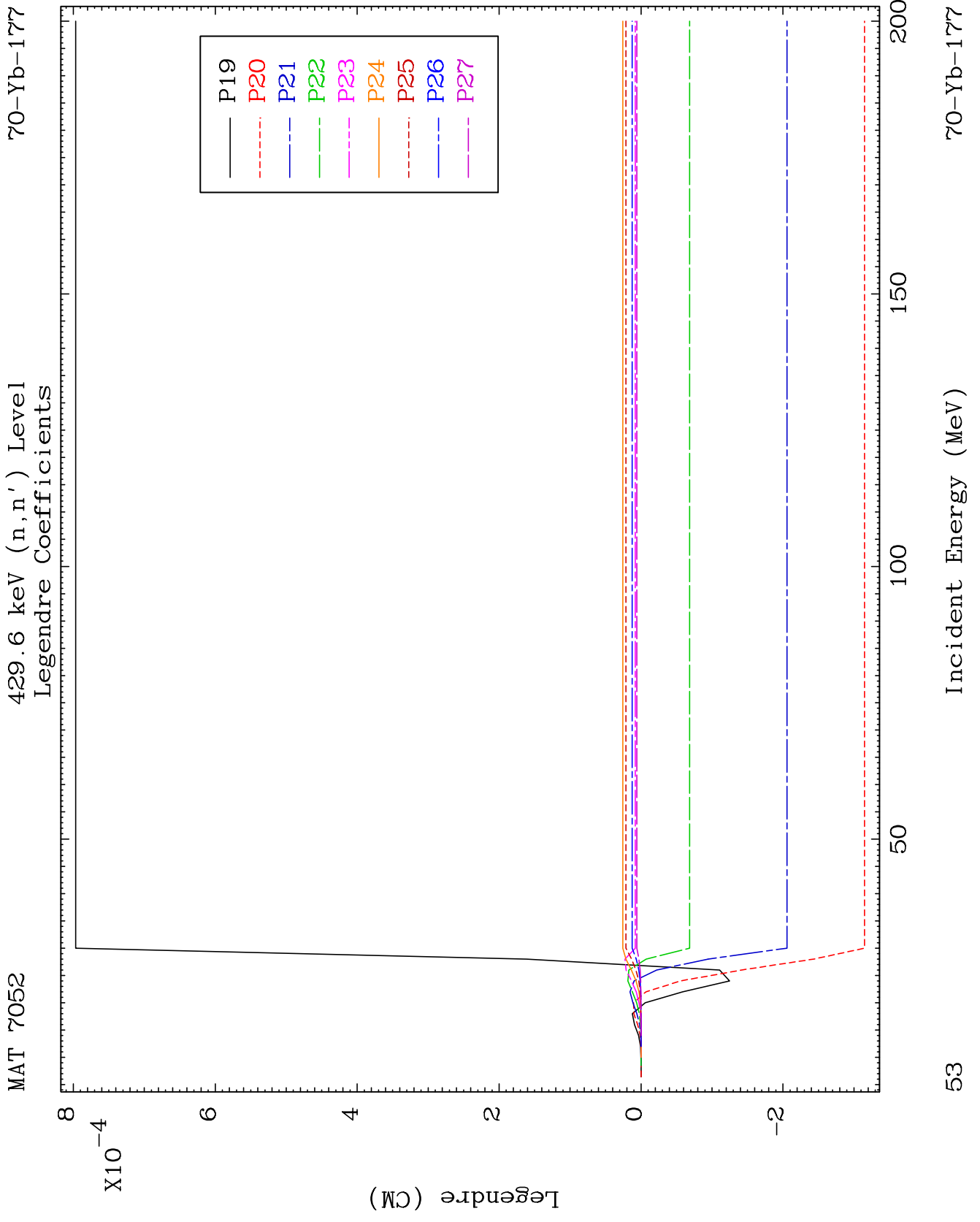
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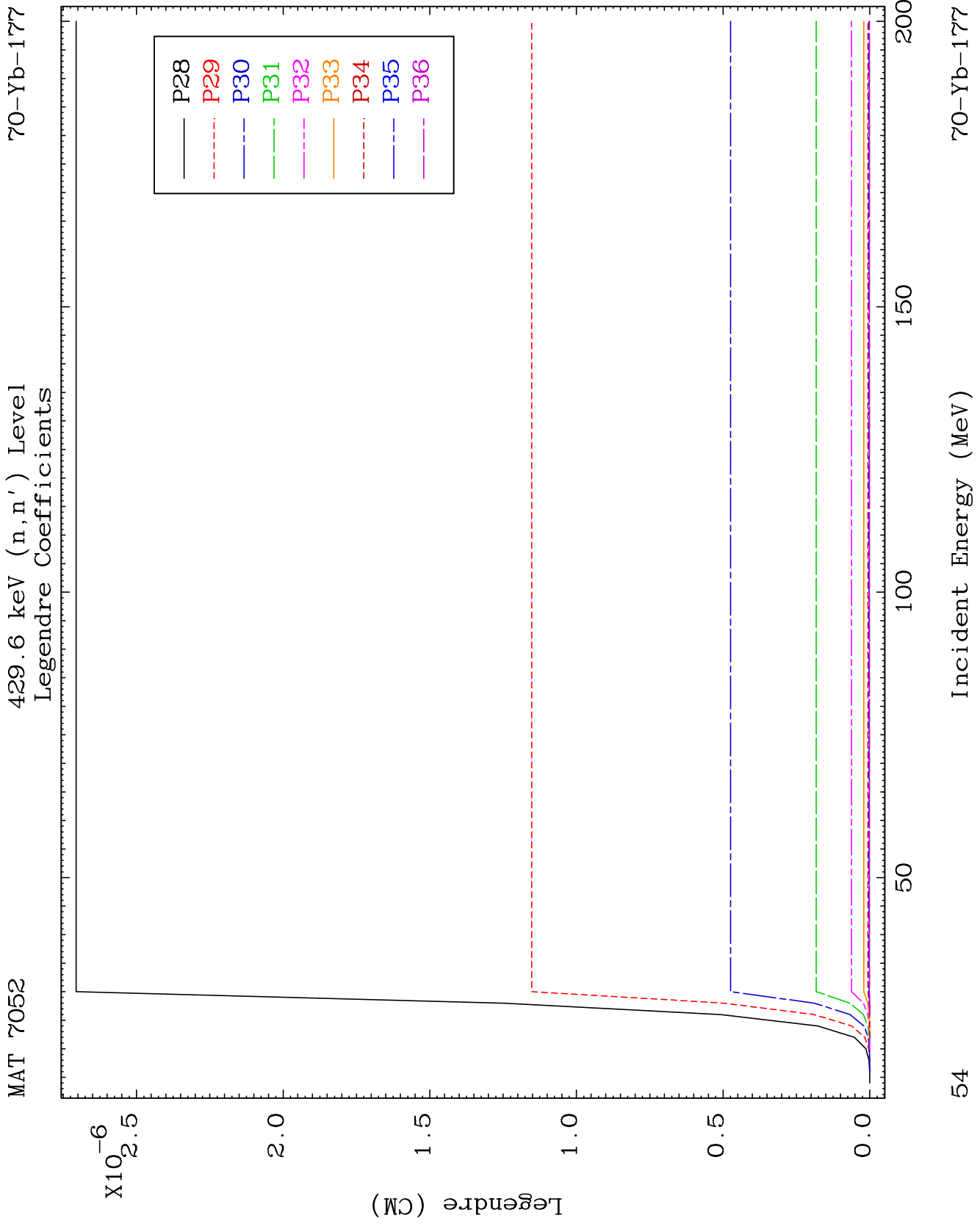


Incident Energy (MeV)

70-Yb-177

52

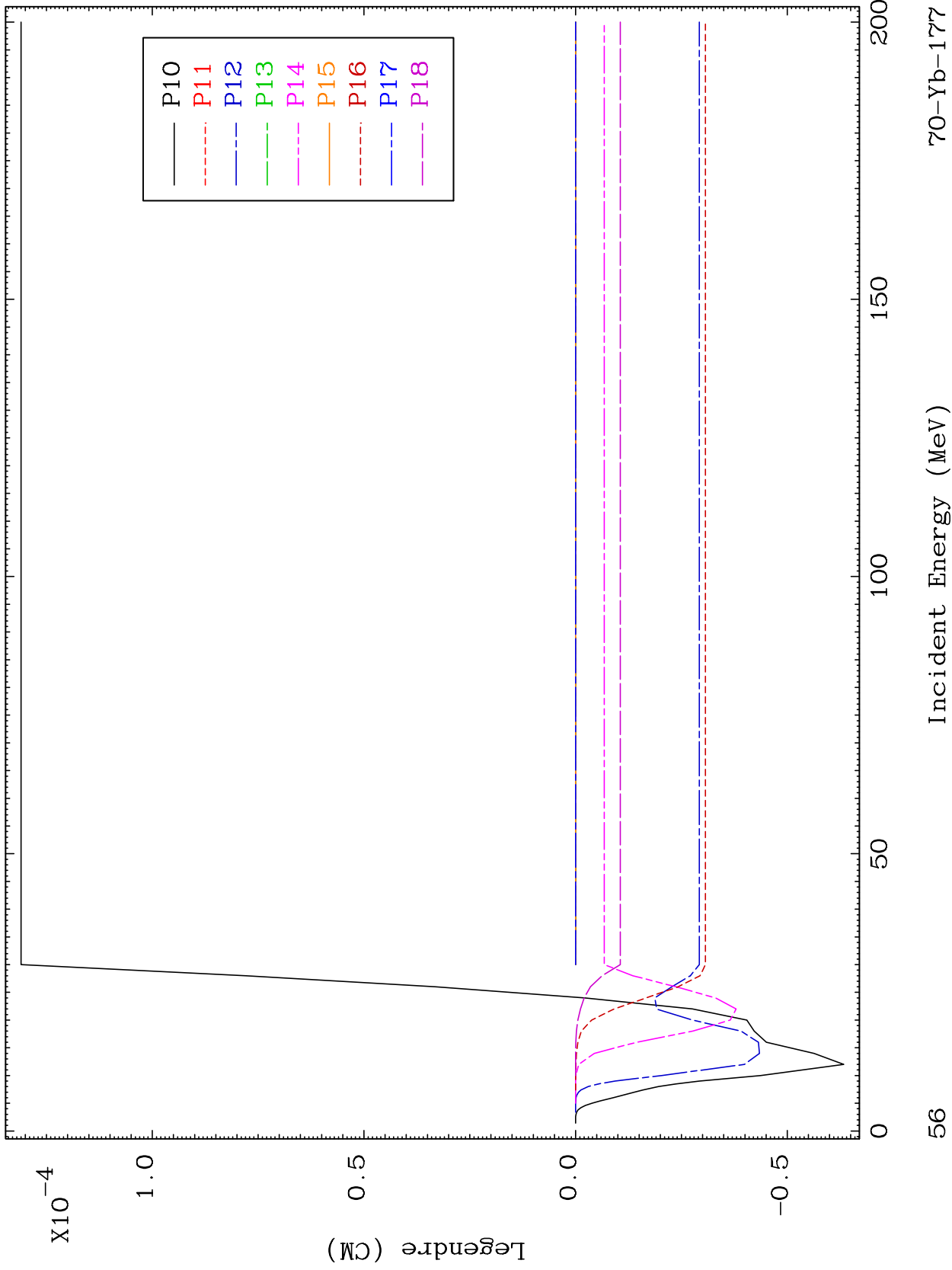




MAT 7052

432.5 keV (n,n') Level
Legendre Coefficients

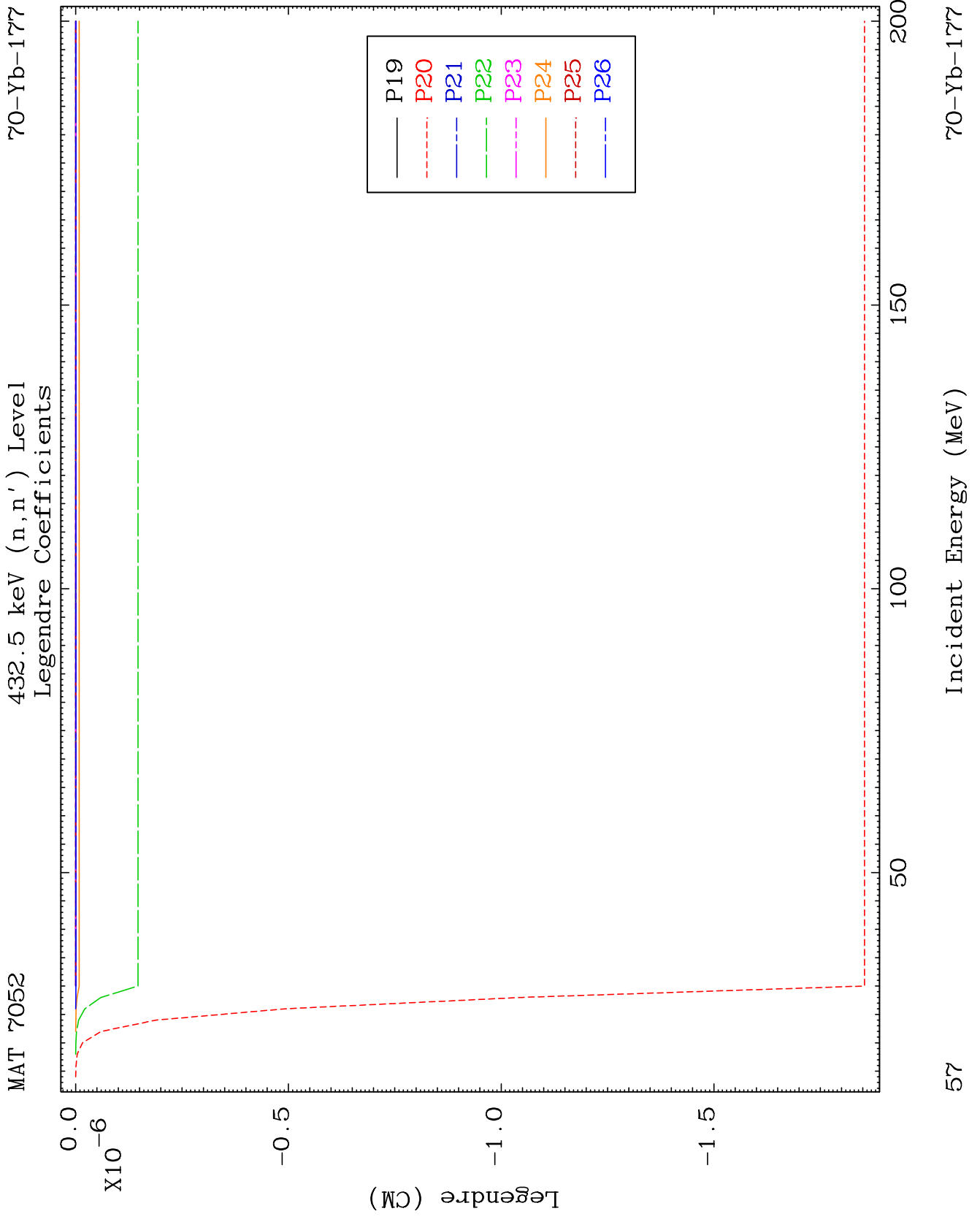
70-Yb-177



56

Incident Energy (MeV)

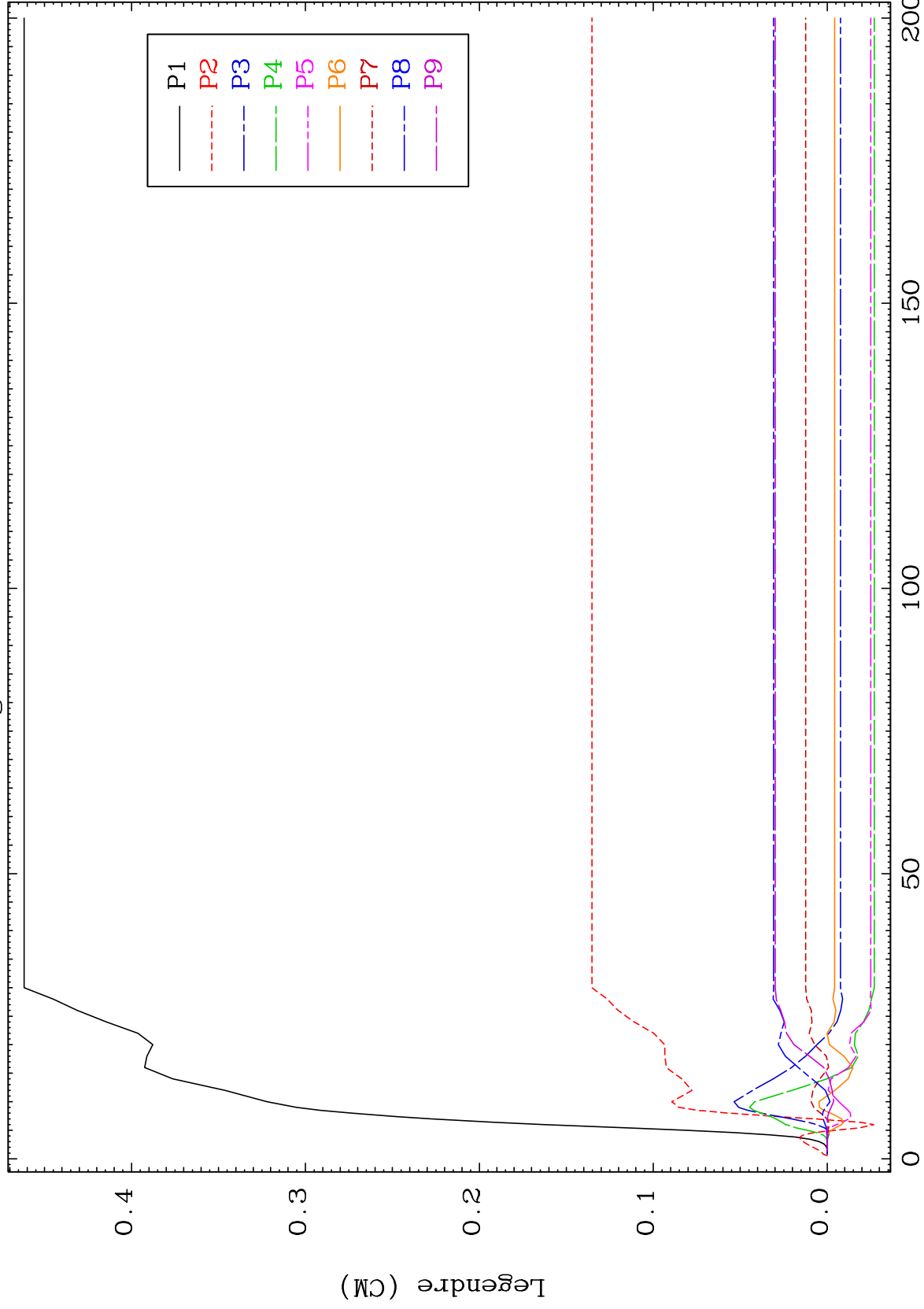
70-Yb-177



MAT 7052

526.4 keV (n,n') Level
Legendre Coefficients

70-Yb-177



58

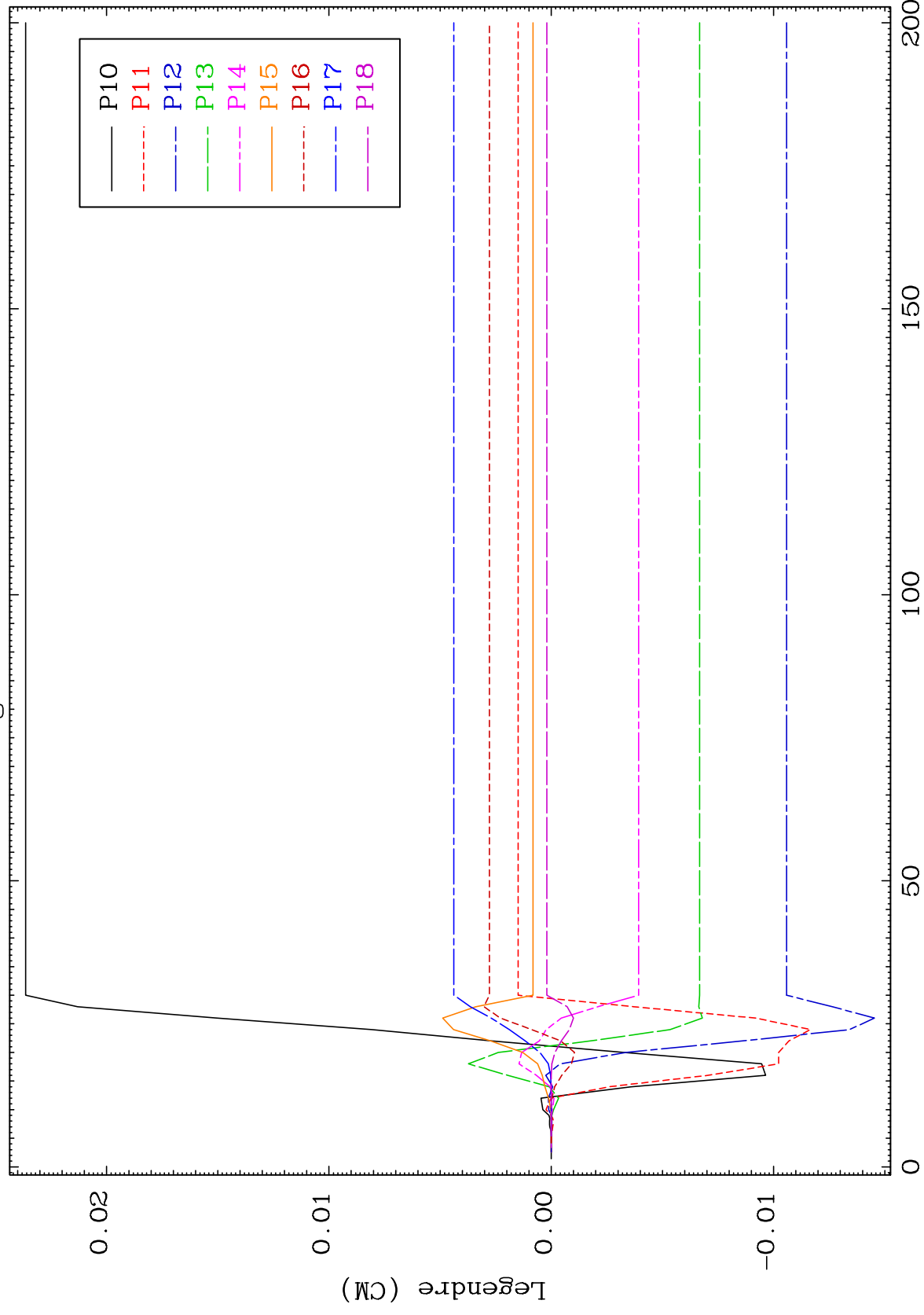
Incident Energy (MeV)

70-Yb-177

MAT 7052

526.4 keV (n,n') Level
Legendre Coefficients

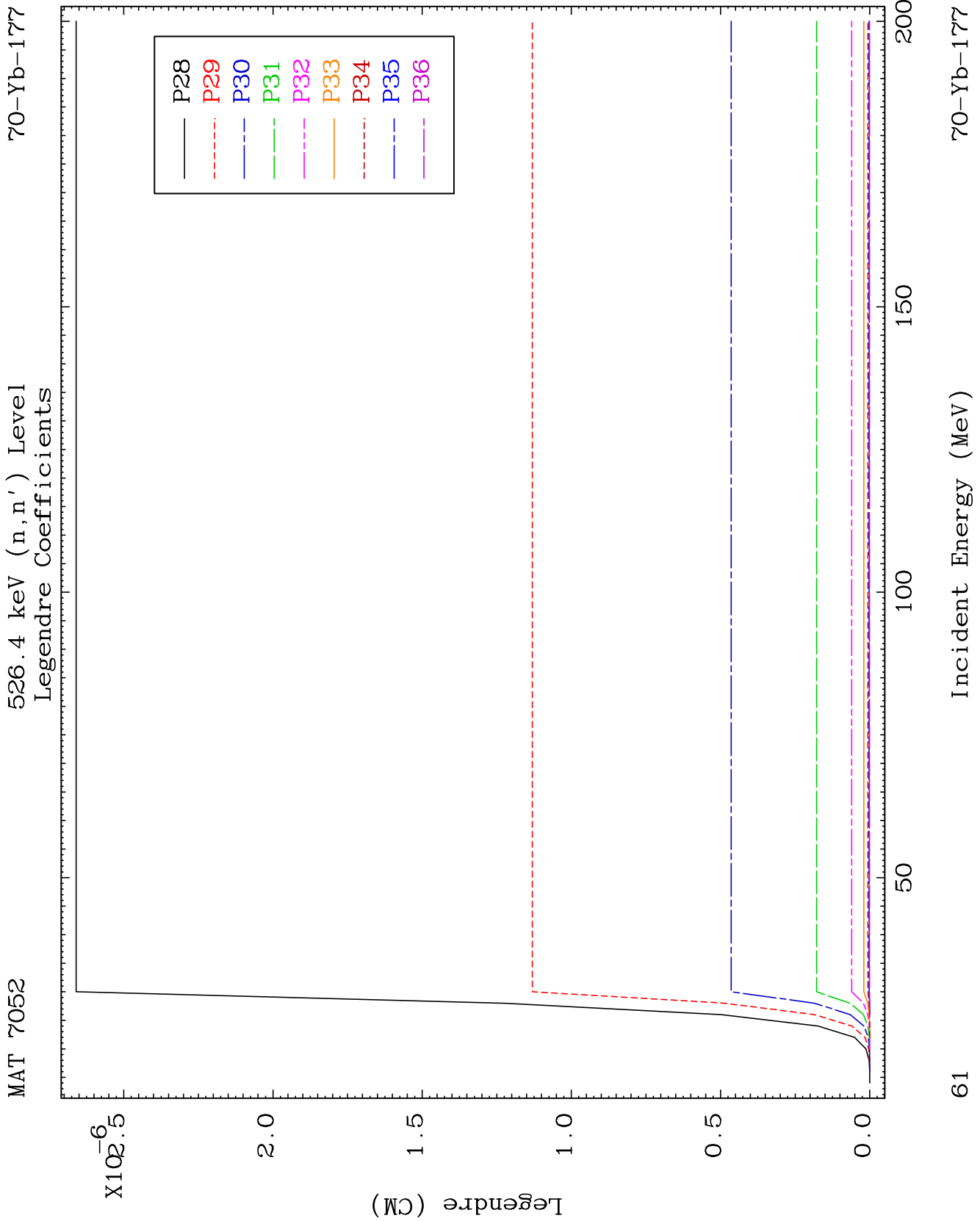
70-Yb-177



70-Yb-177

Incident Energy (MeV)

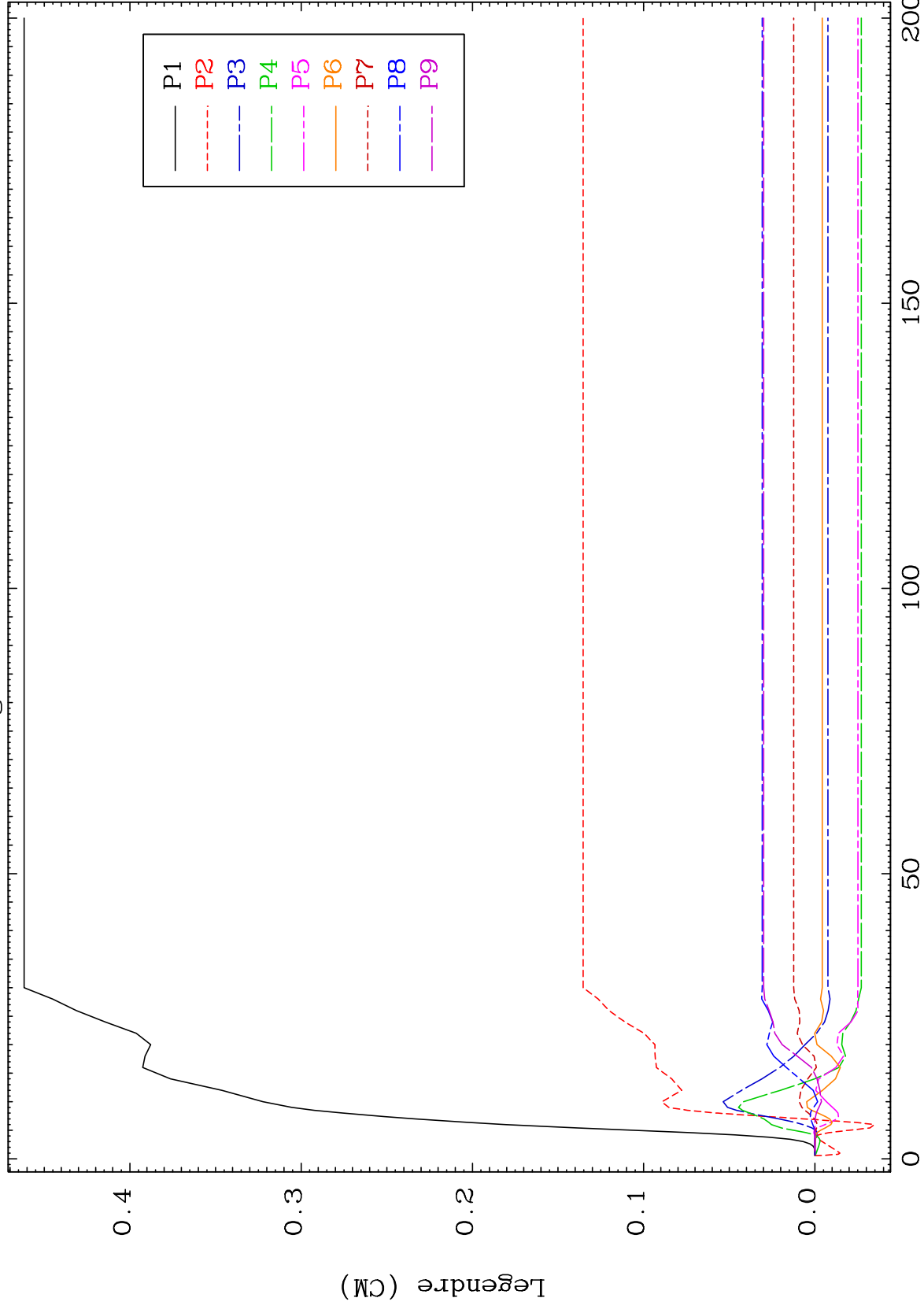
59



MAT 7052

528.1 keV (n,n') Level
Legendre Coefficients

70-Yb-177



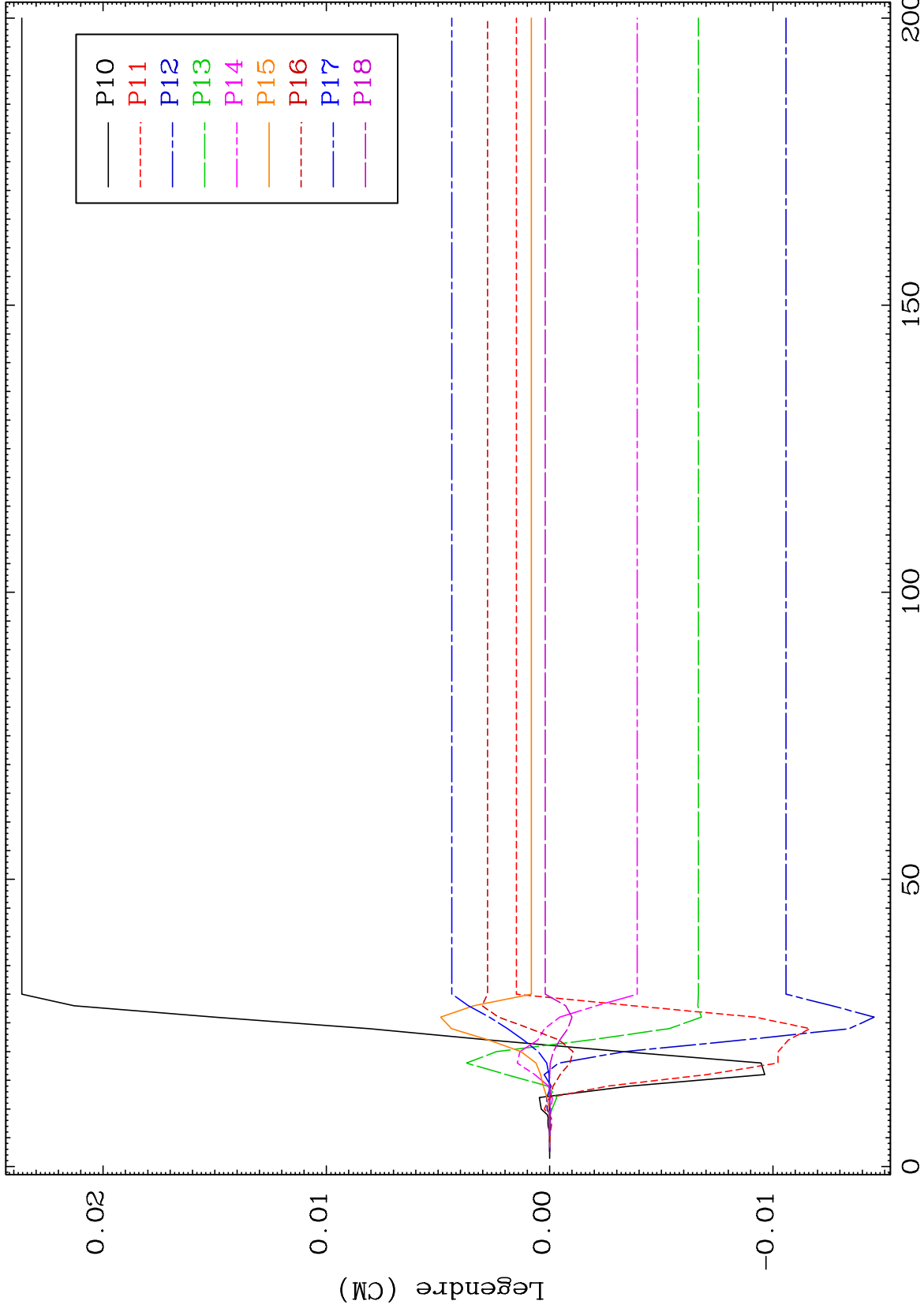
62

70-Yb-177

MAT 7052

528.1 keV (n,n') Level
Legendre Coefficients

70-Yb-177



63

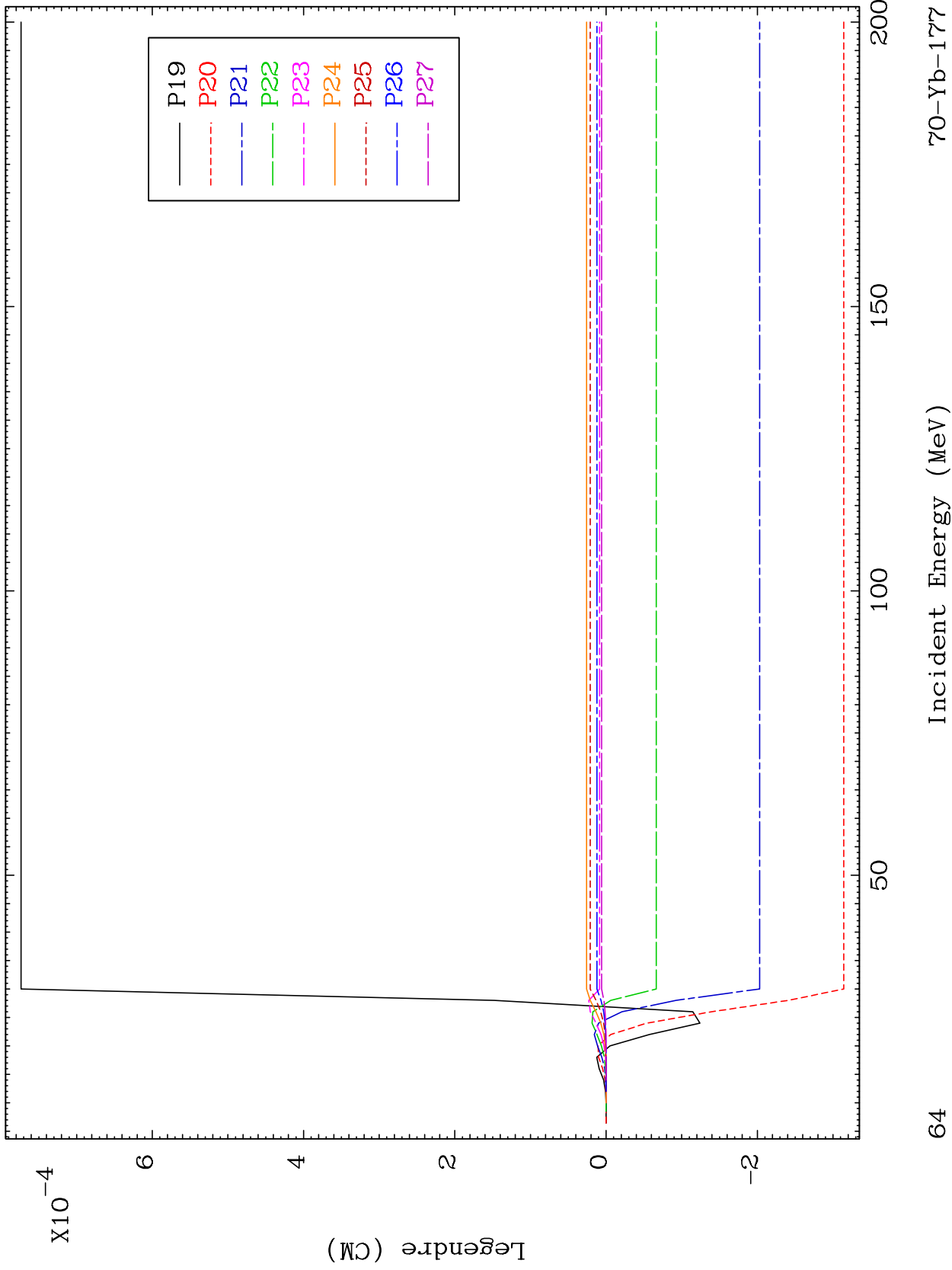
Incident Energy (MeV)

70-Yb-177

MAT 7052

528.1 keV (n,n') Level
Legendre Coefficients

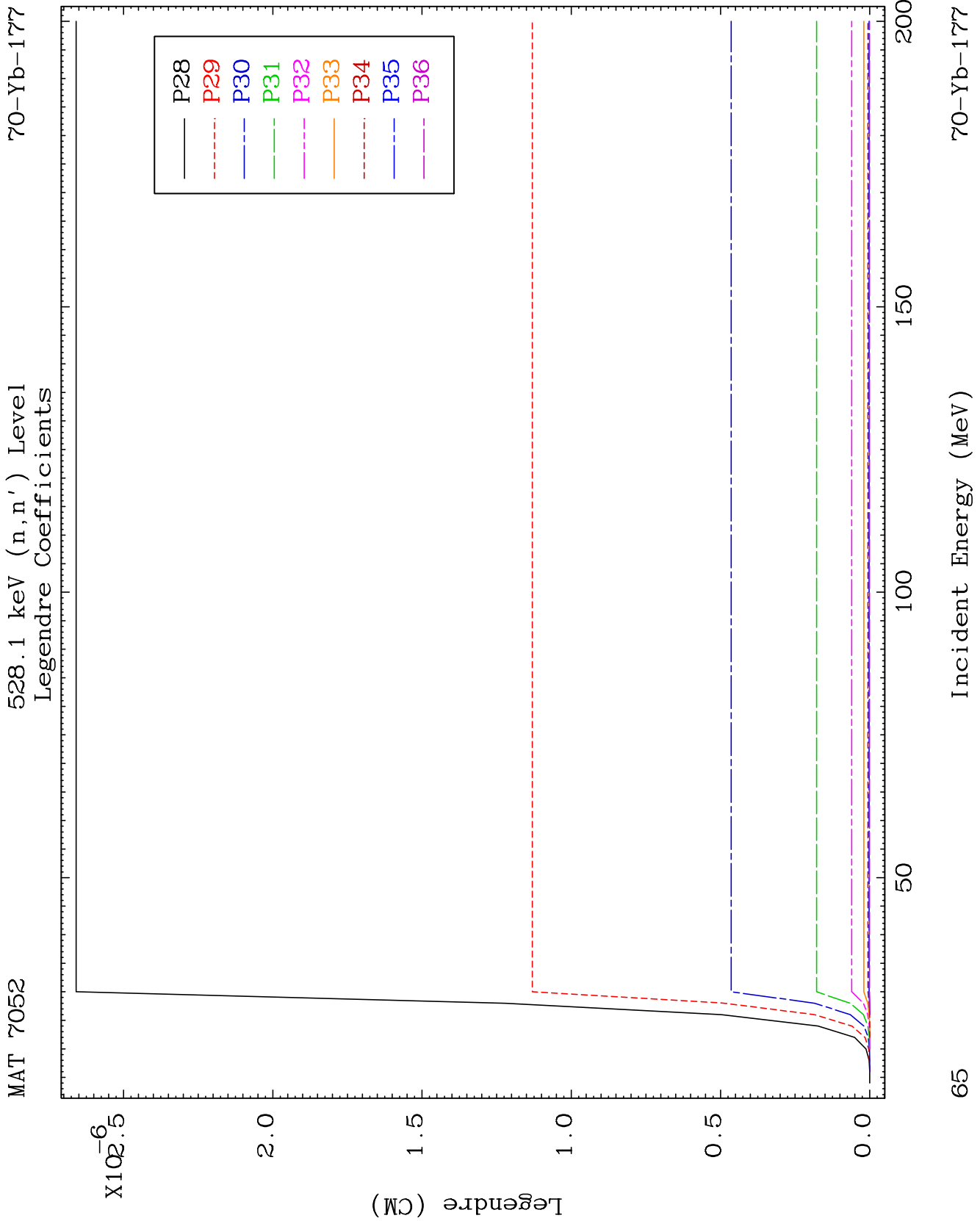
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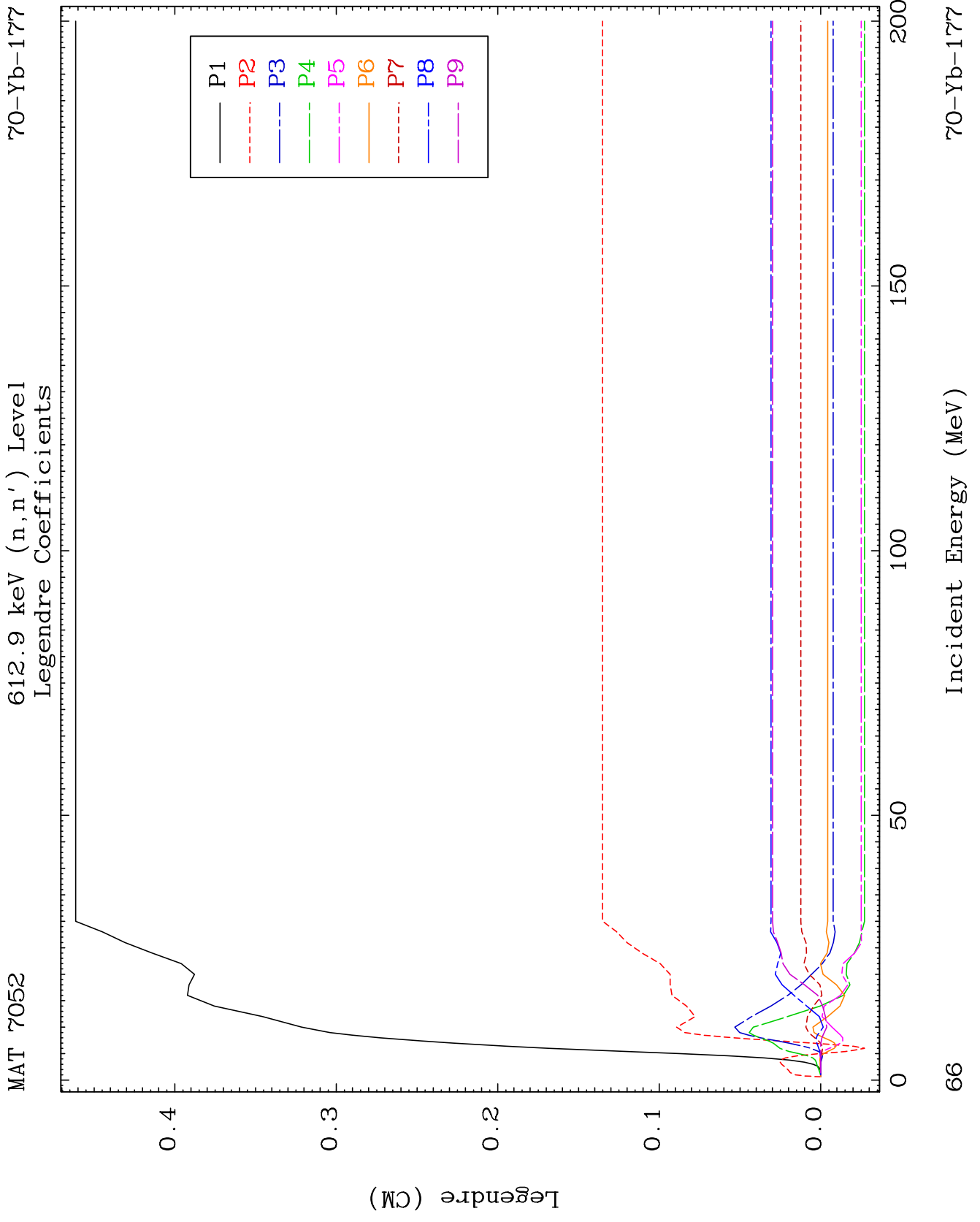


64

Incident Energy (MeV)

70-Yb-177

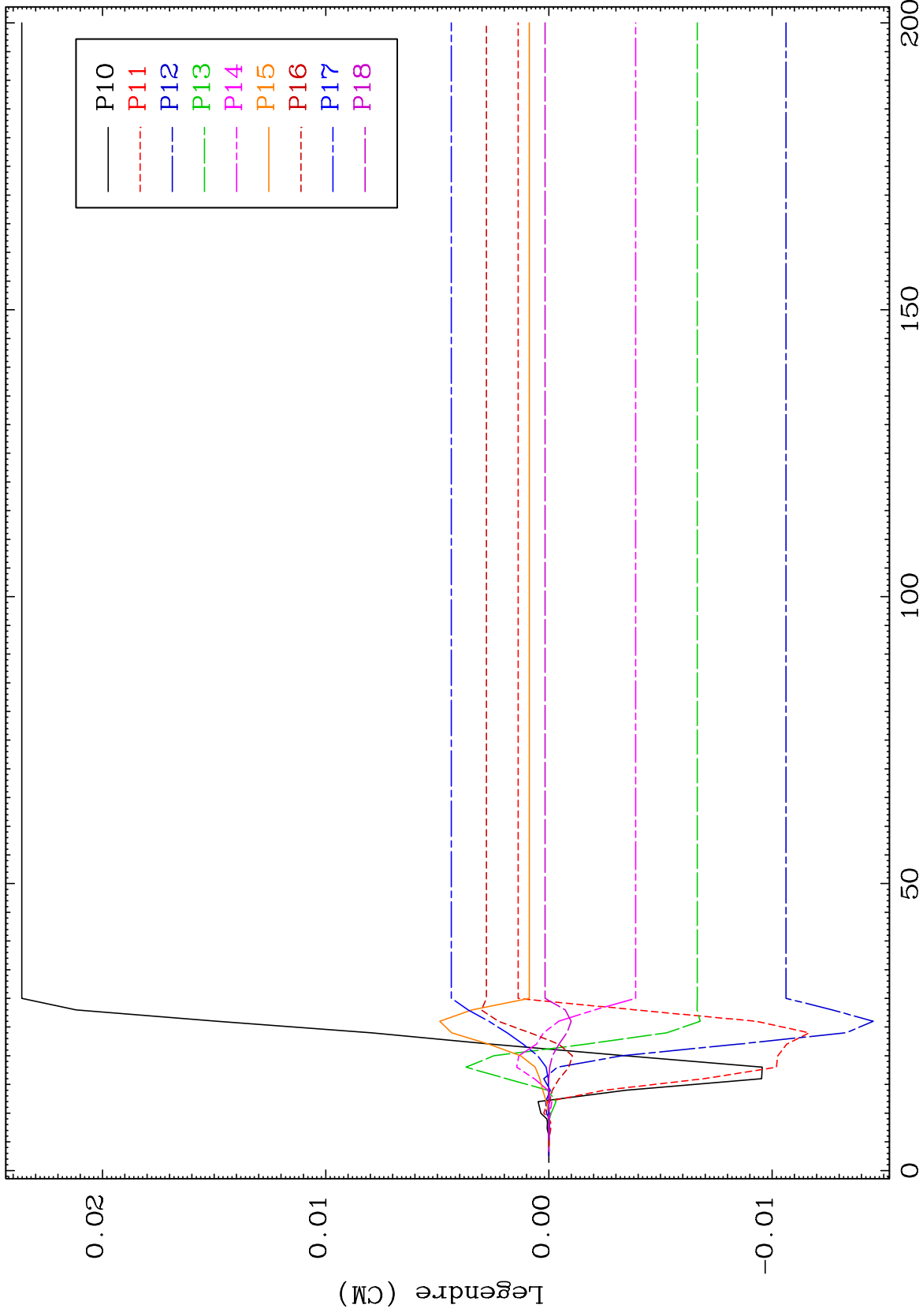




MAT 7052

612.9 keV (n,n') Level
Legendre Coefficients

70-Yb-177



Incident Energy (MeV)

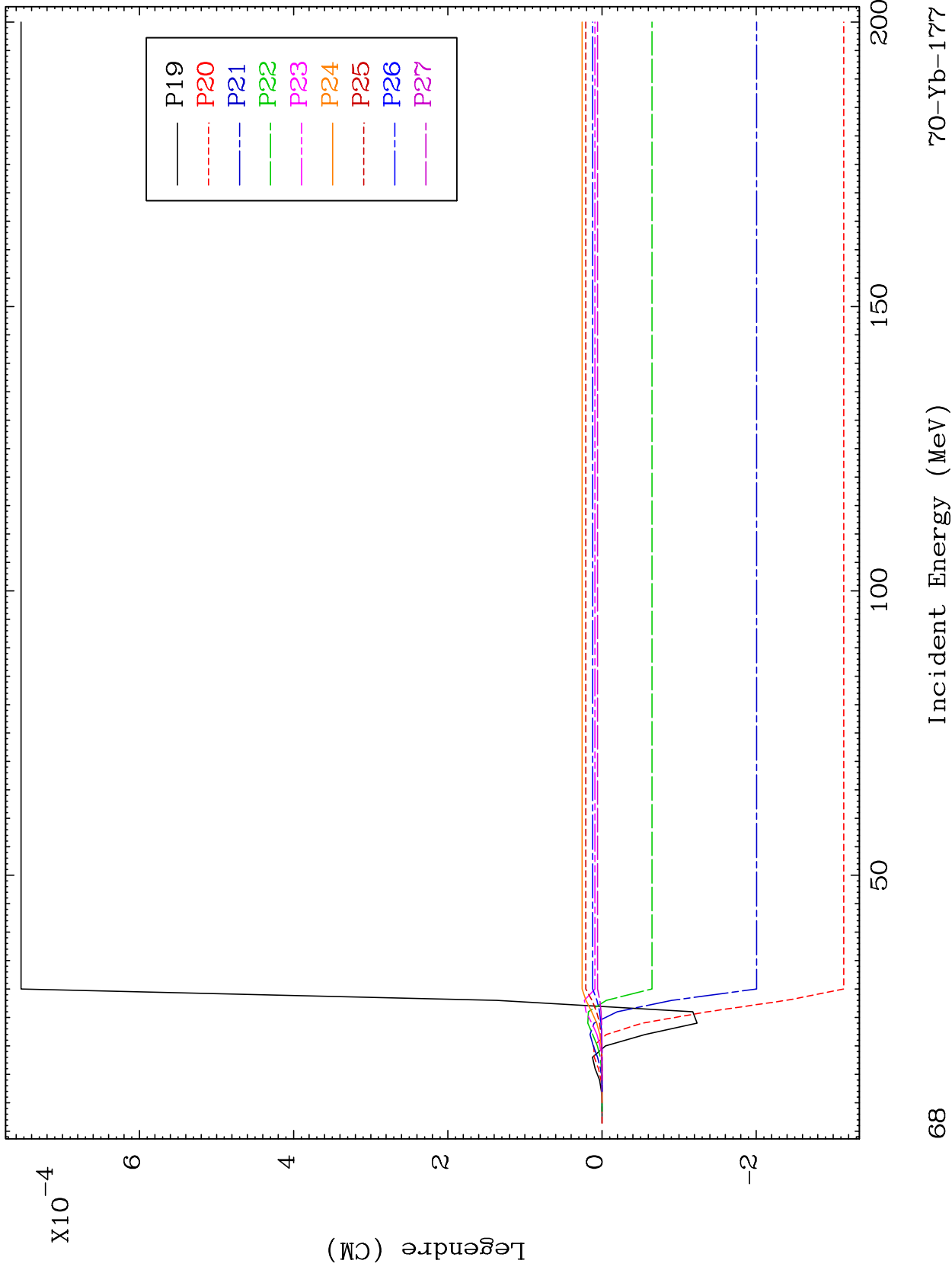
70-Yb-177

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MAT 7052

612.9 keV (n,n') Level
Legendre Coefficients

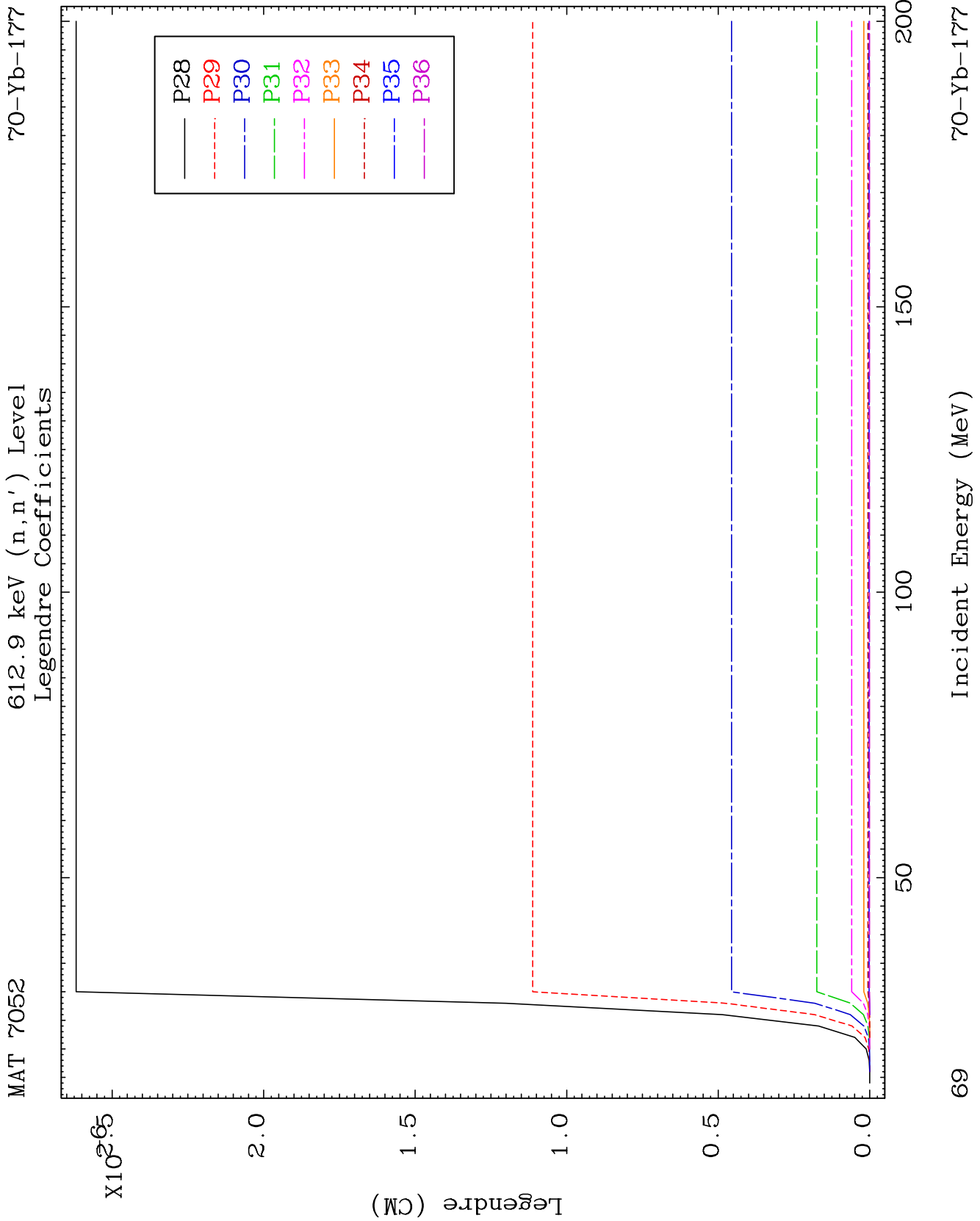
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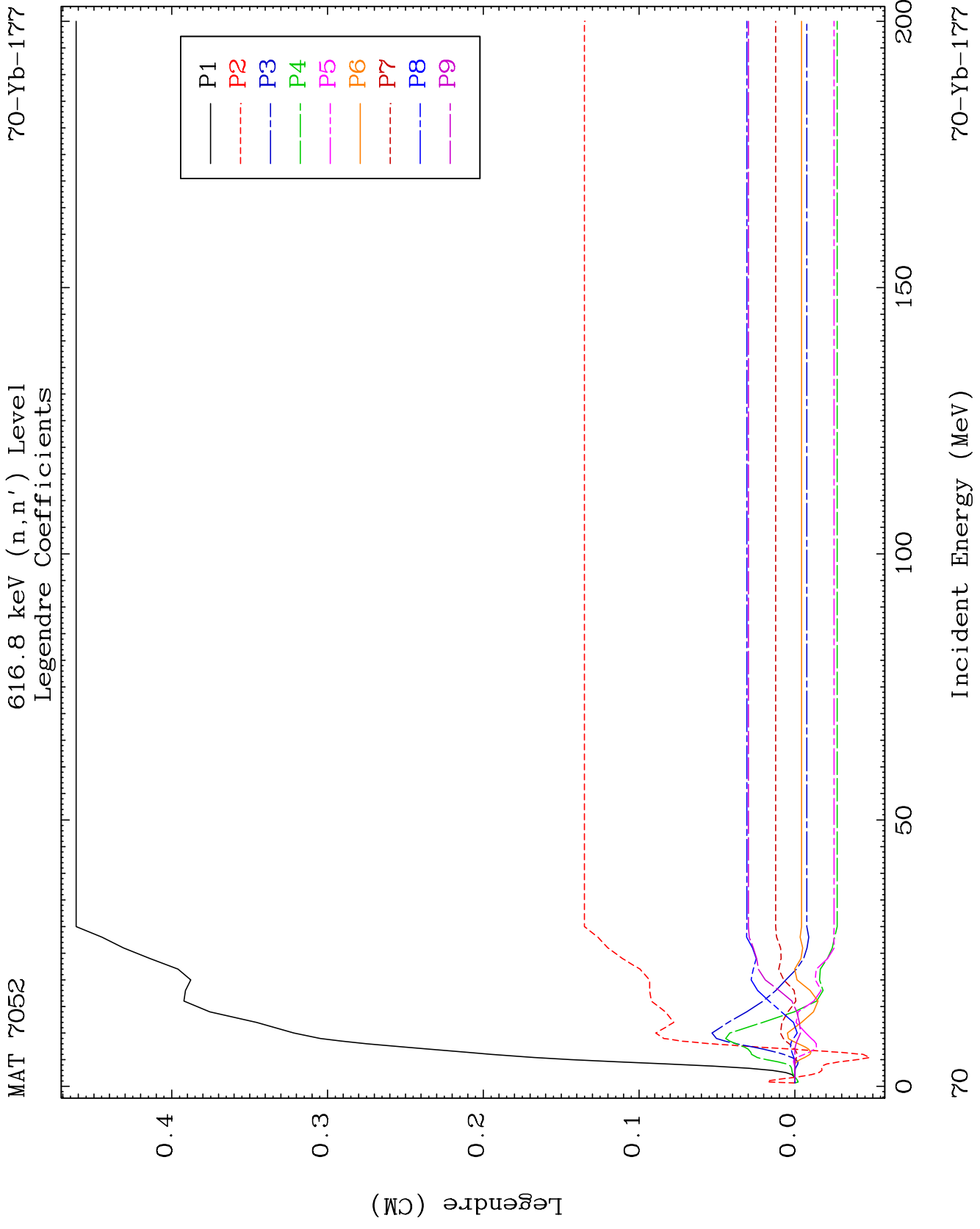


68

Incident Energy (MeV)

70-Yb-177

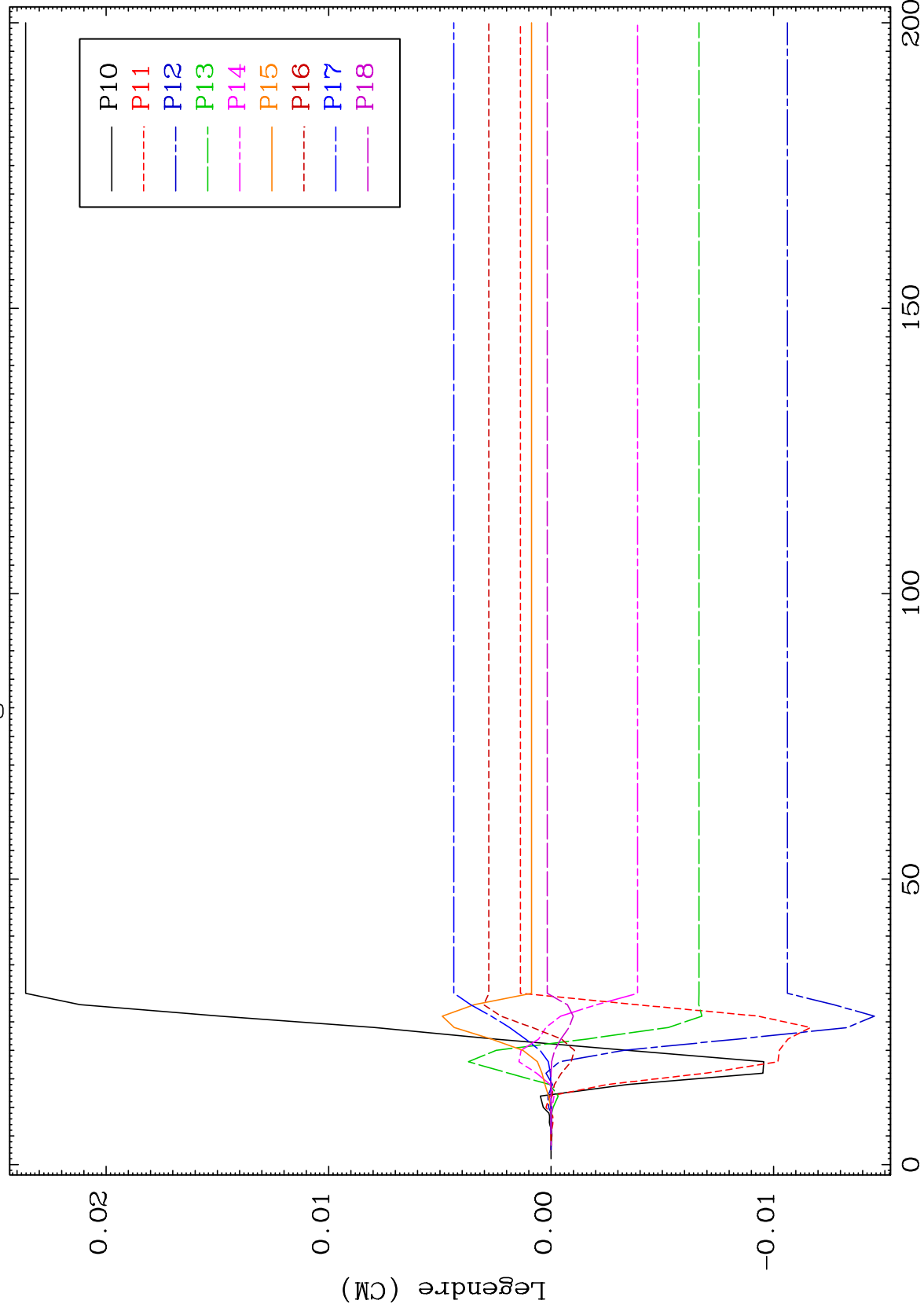




MAT 7052

616.8 keV (n,n') Level Legendre Coefficients

70-Yb-177



71

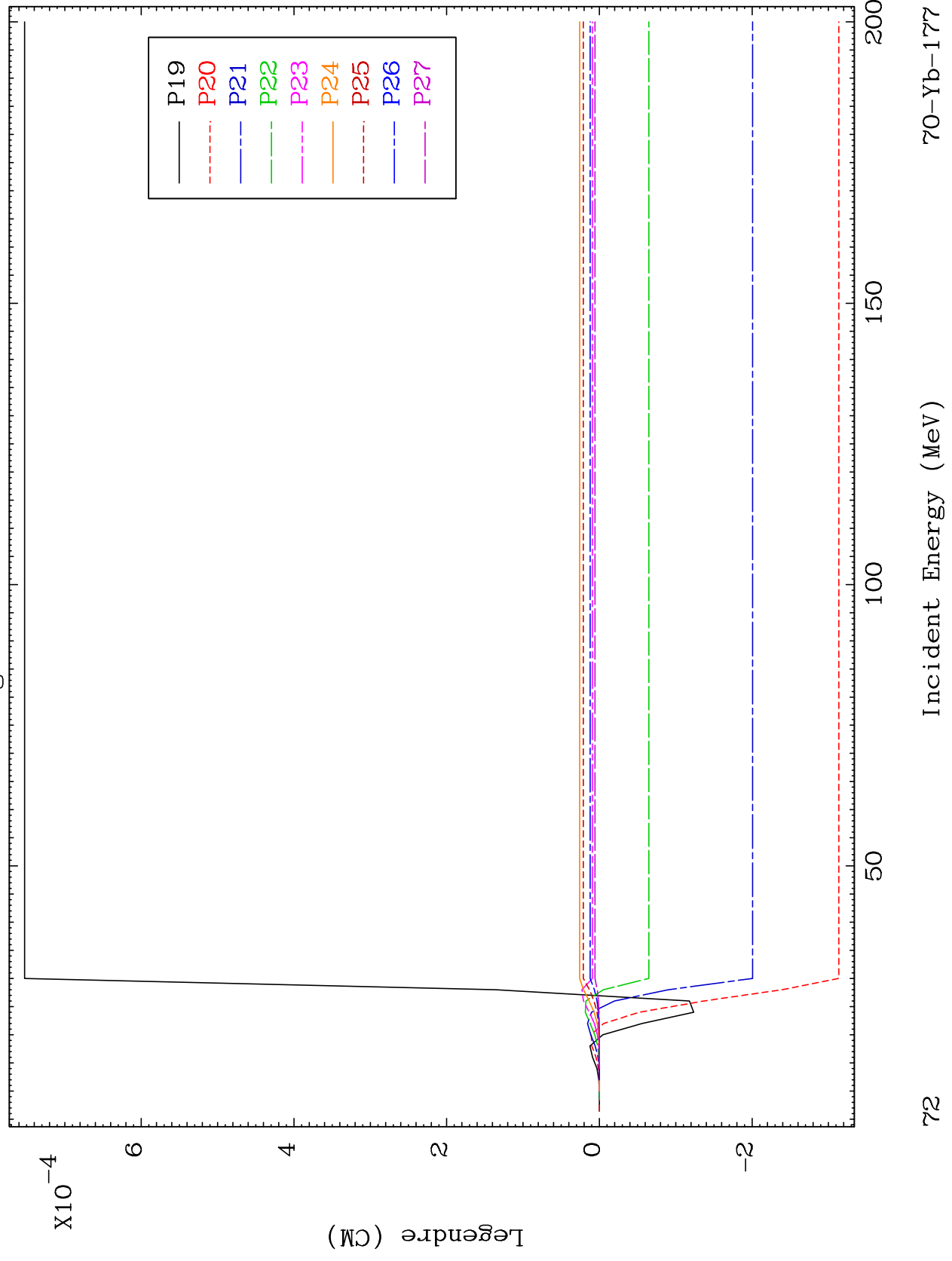
Incident Energy (MeV)

70-Yb-177

MAT 7052

616.8 keV (n, n') Level
Legendre Coefficients

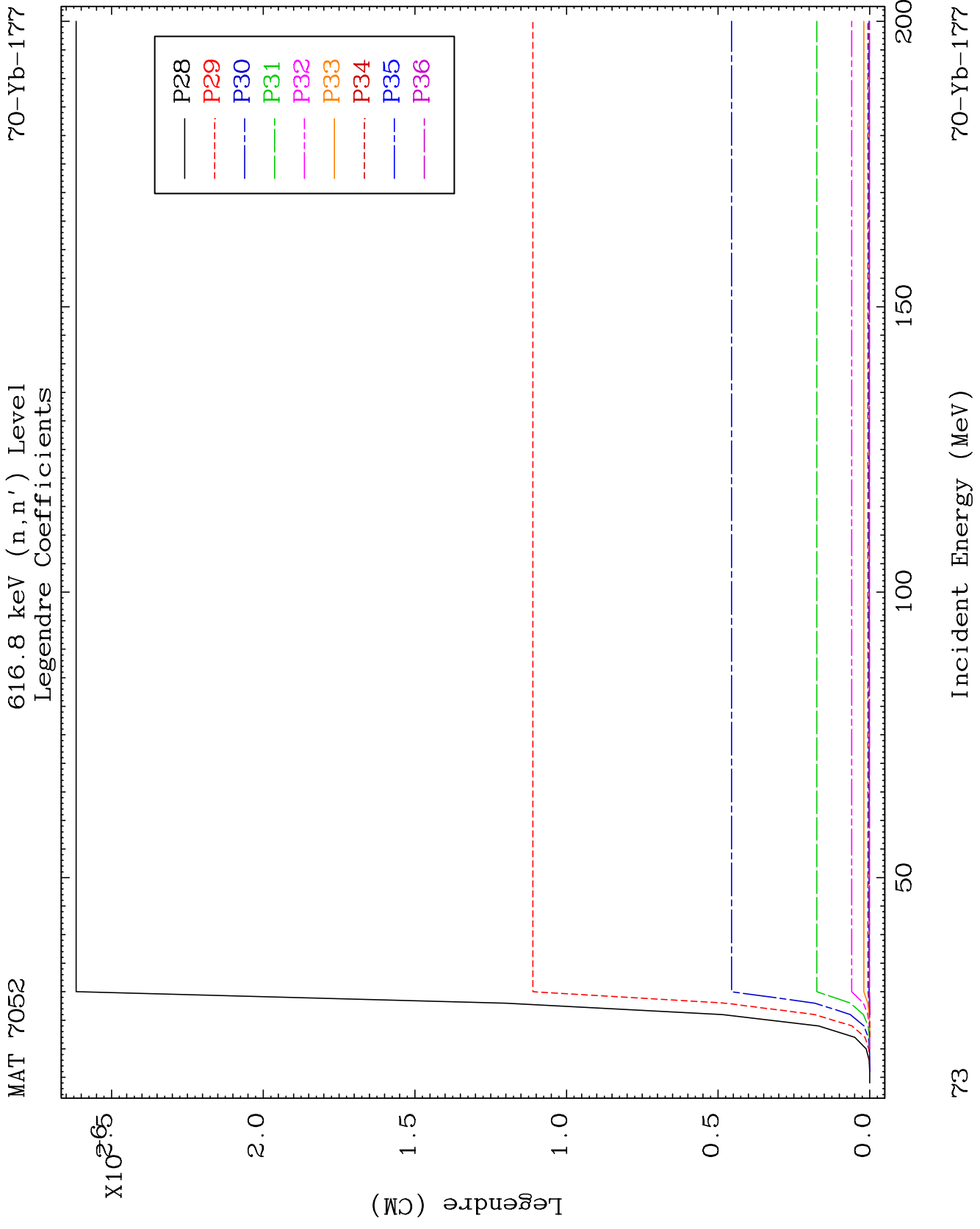
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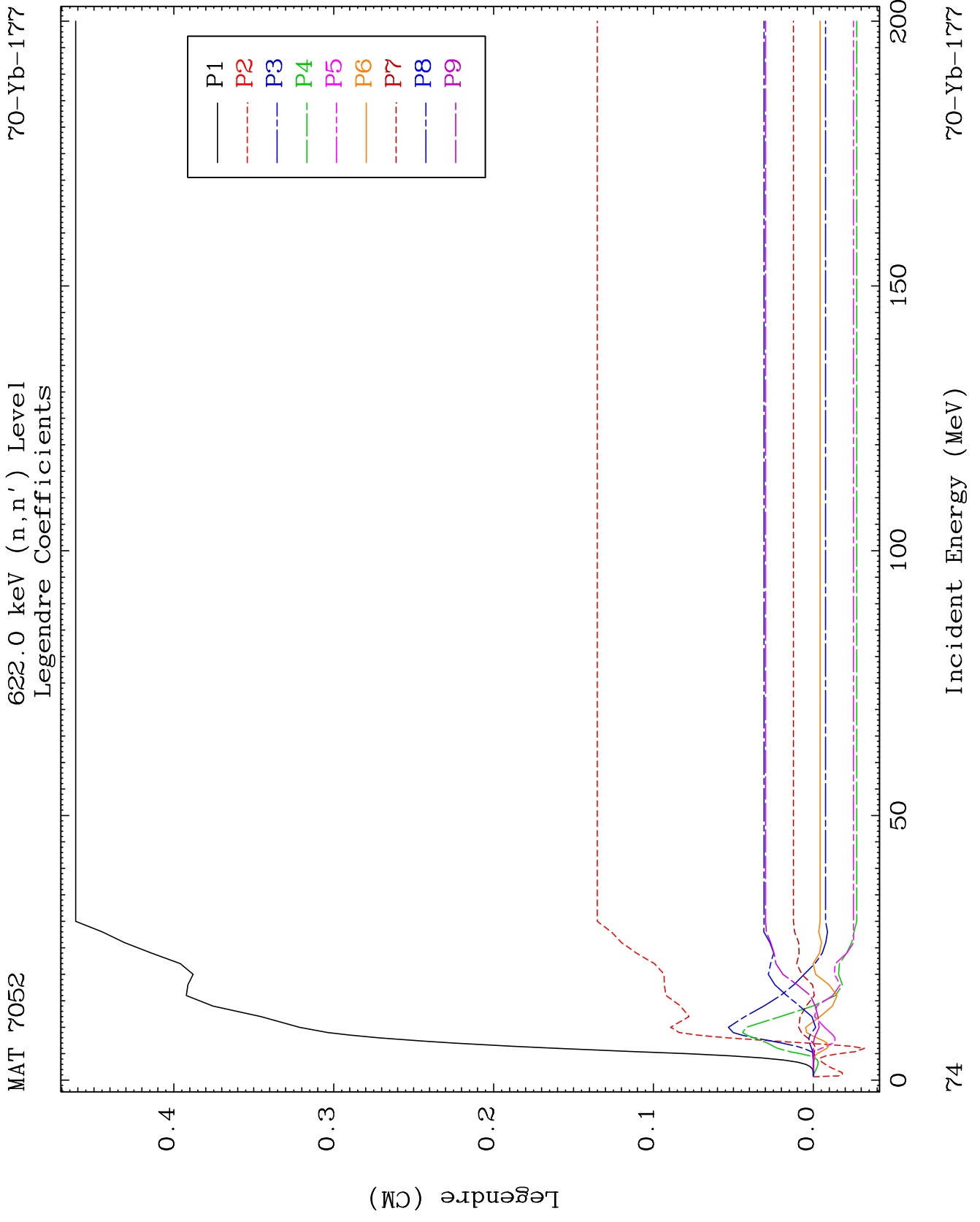


72

Incident Energy (MeV)

70-Yb-177

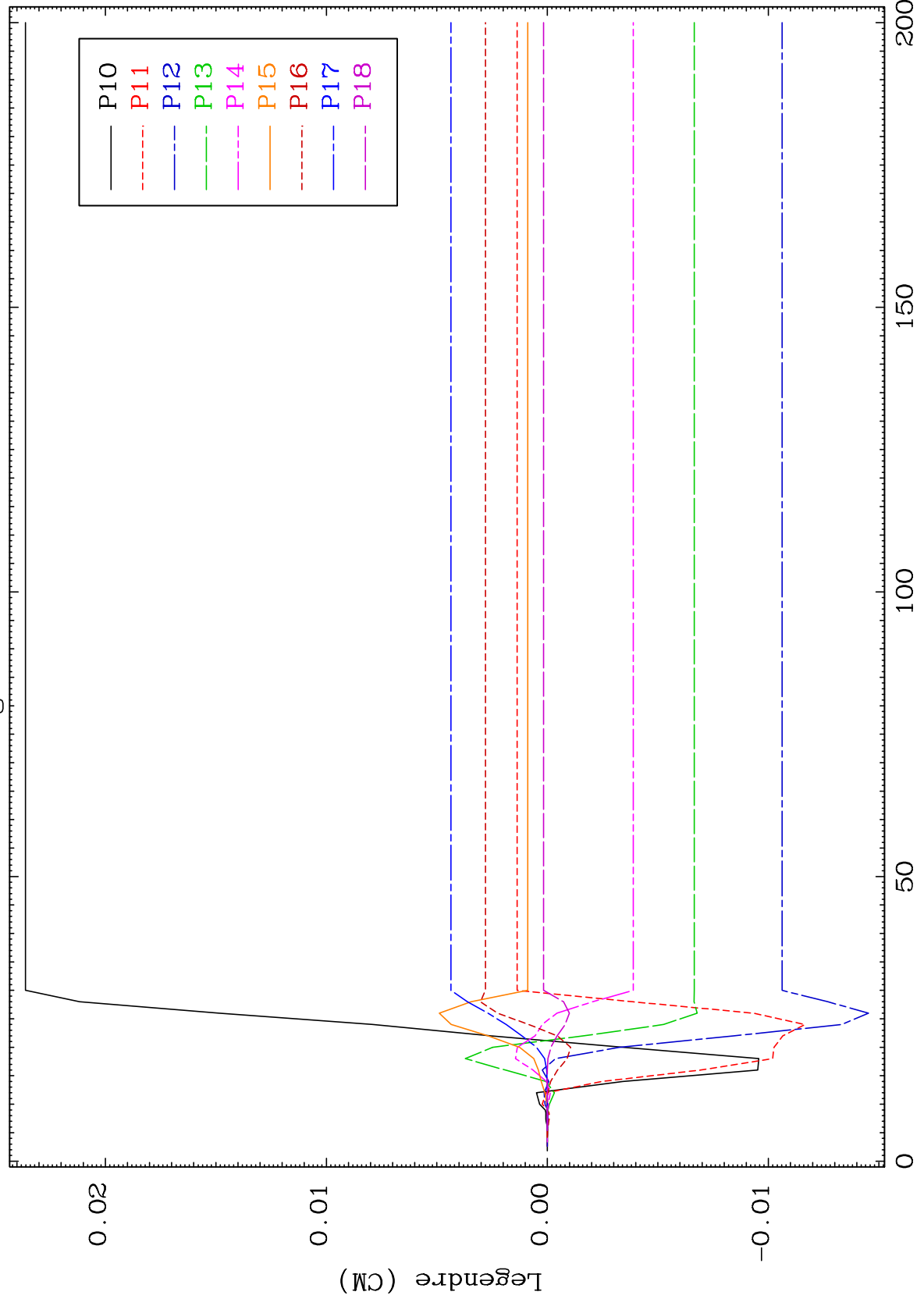




MAT 7052

622.0 keV (n,n') Level
Legendre Coefficients

70-Yb-177



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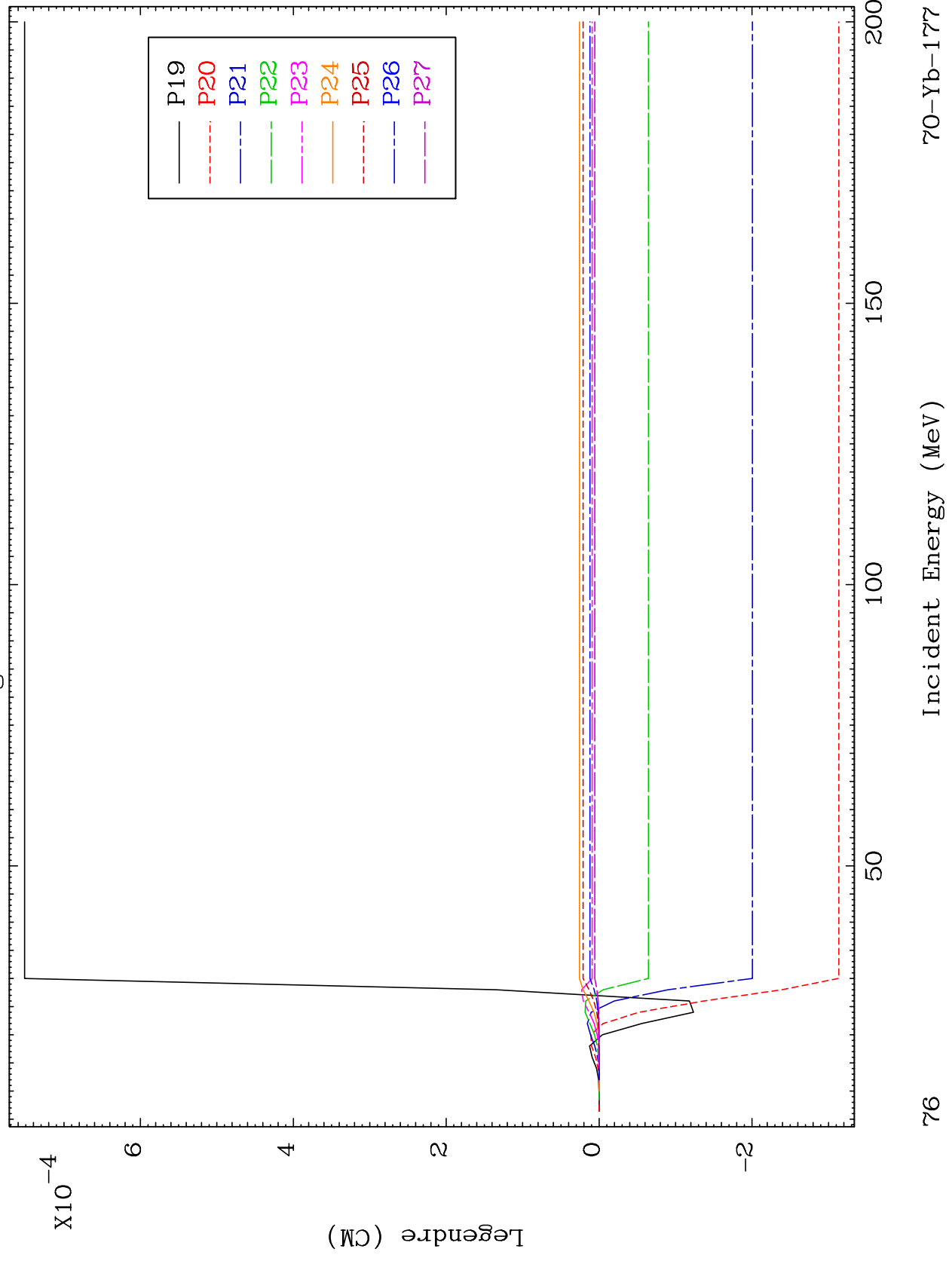
Incident Energy (MeV)

70-Yb-177

MAT 7052

622.0 keV (n,n') Level
Legendre Coefficients

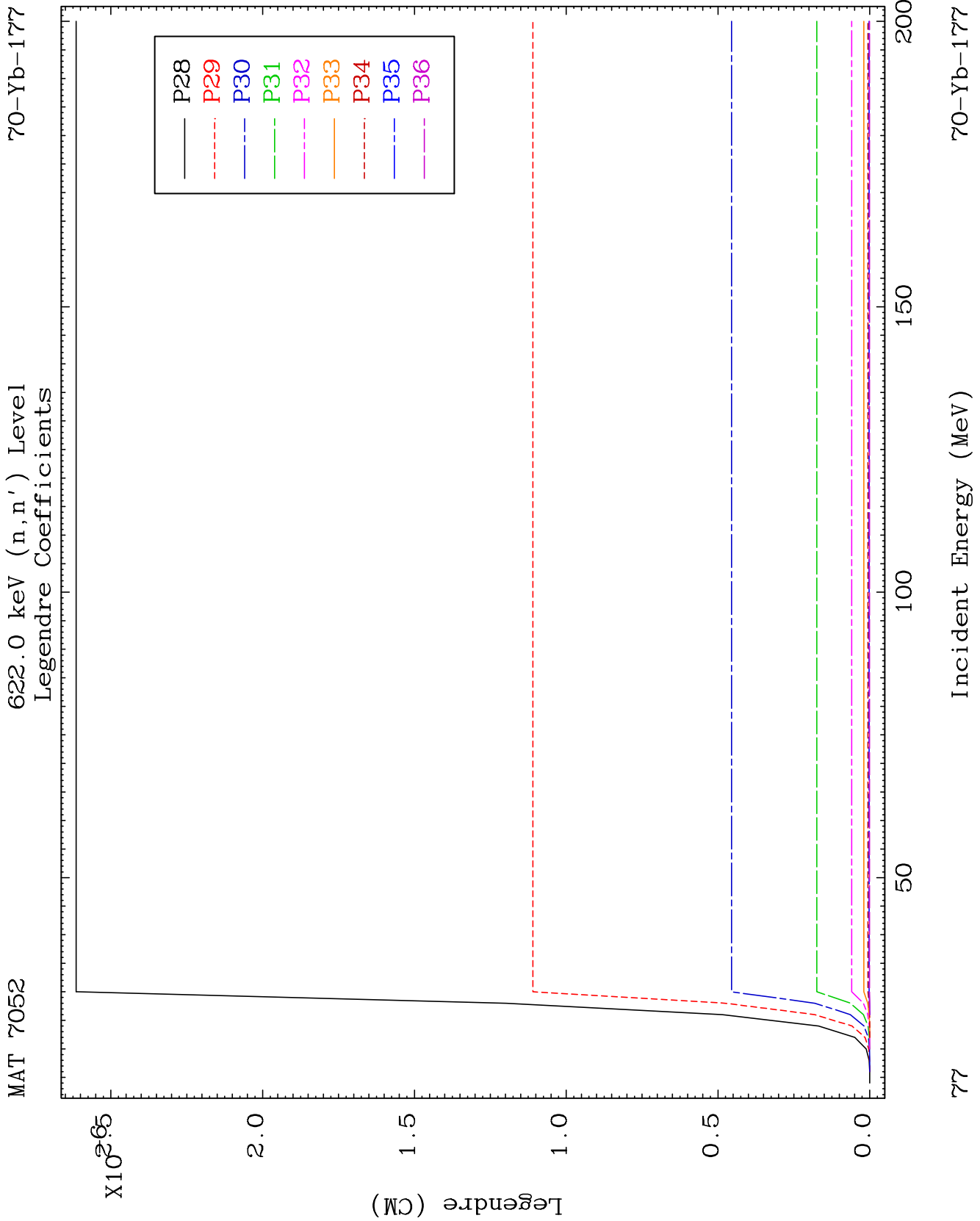
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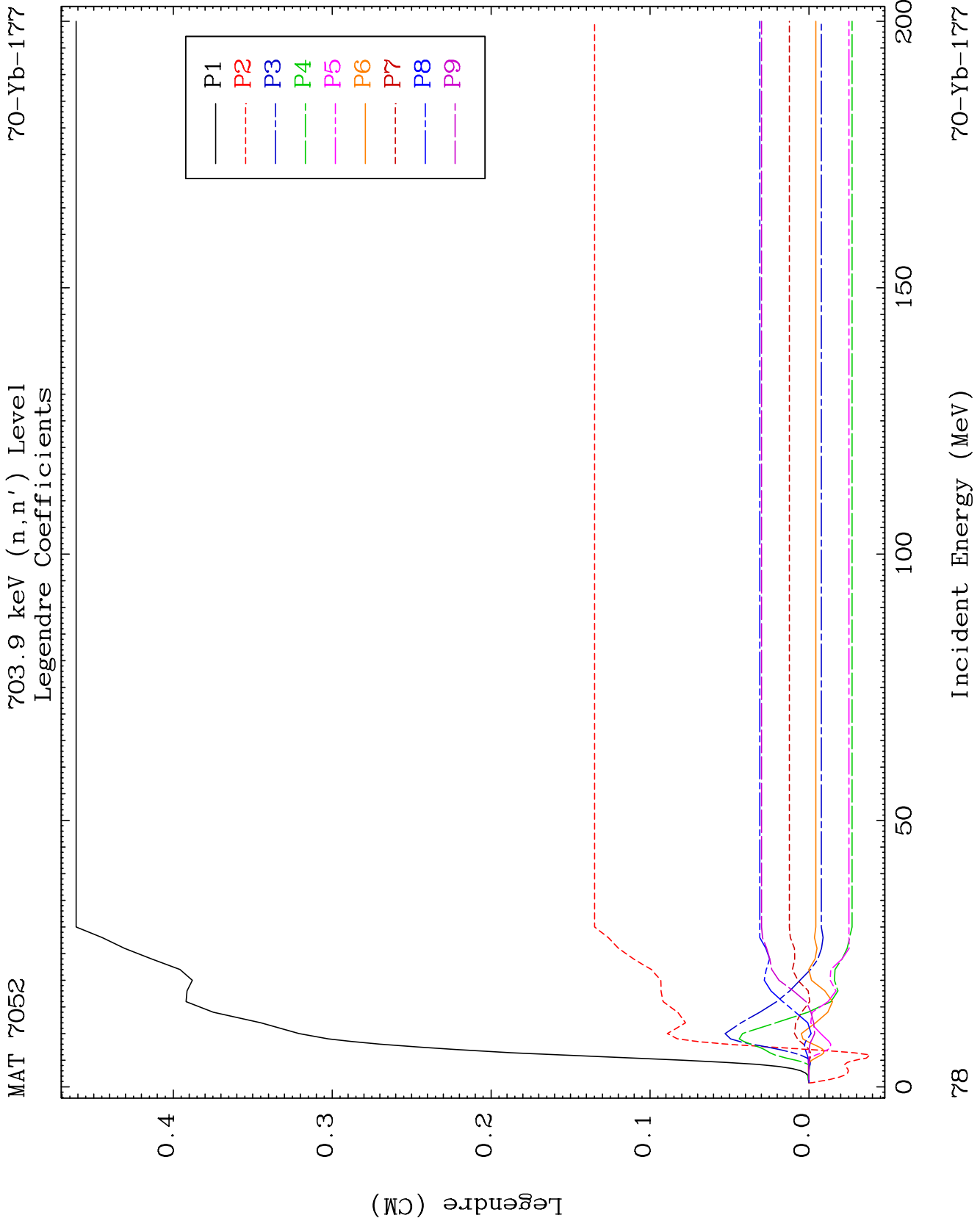


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Incident Energy (MeV)

70-Yb-177

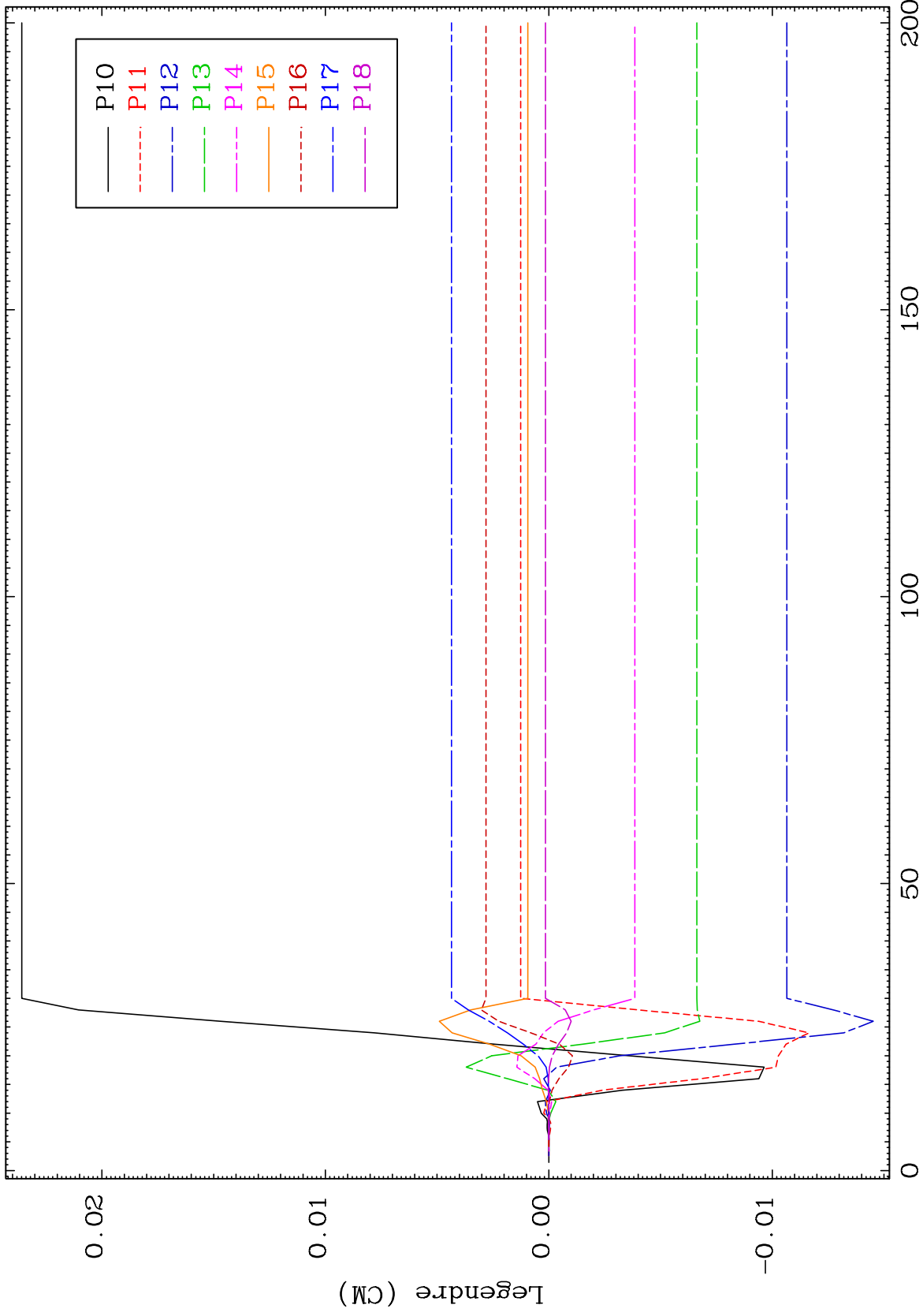




MAT 7052

703.9 keV (n,n') Level
Legendre Coefficients

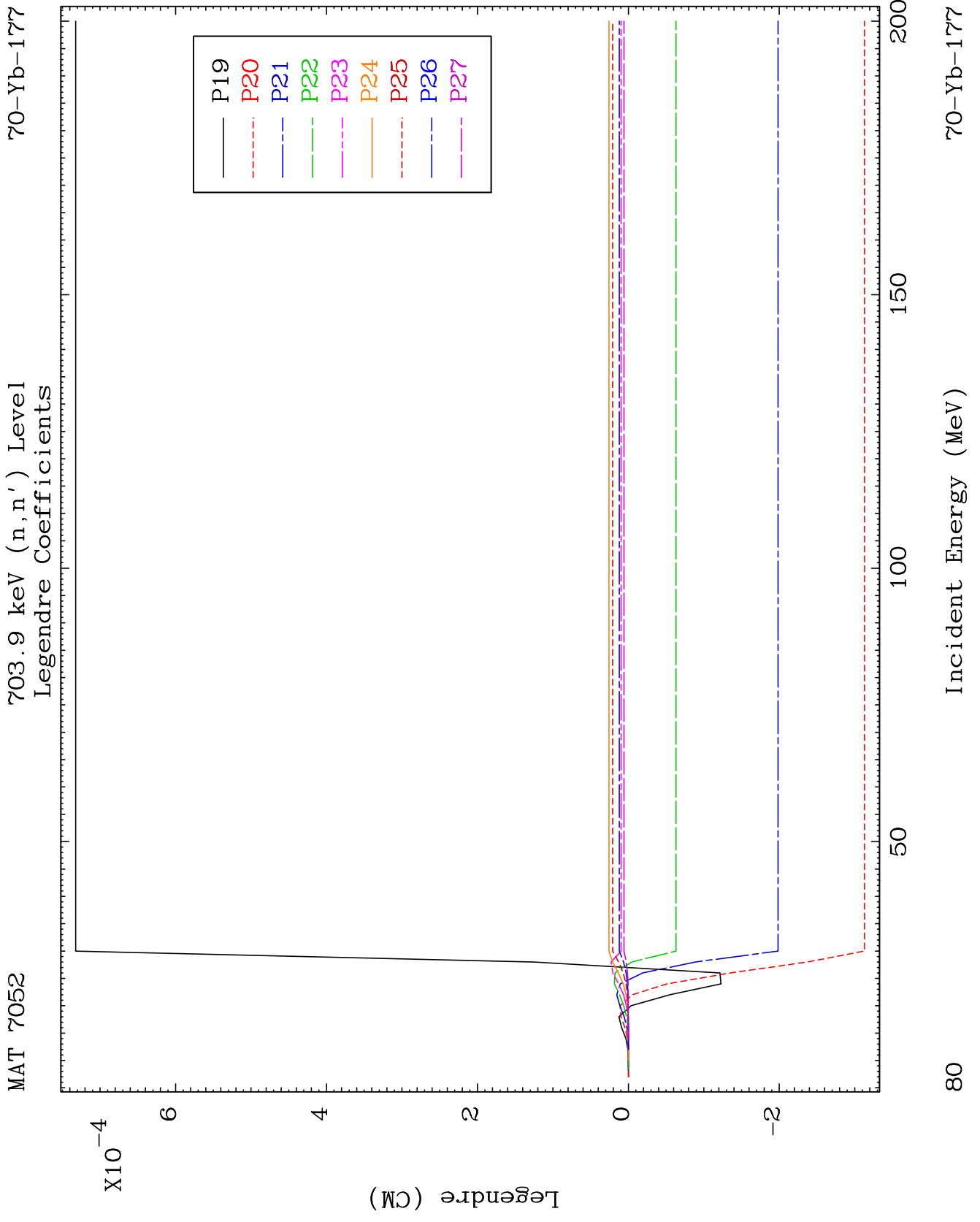
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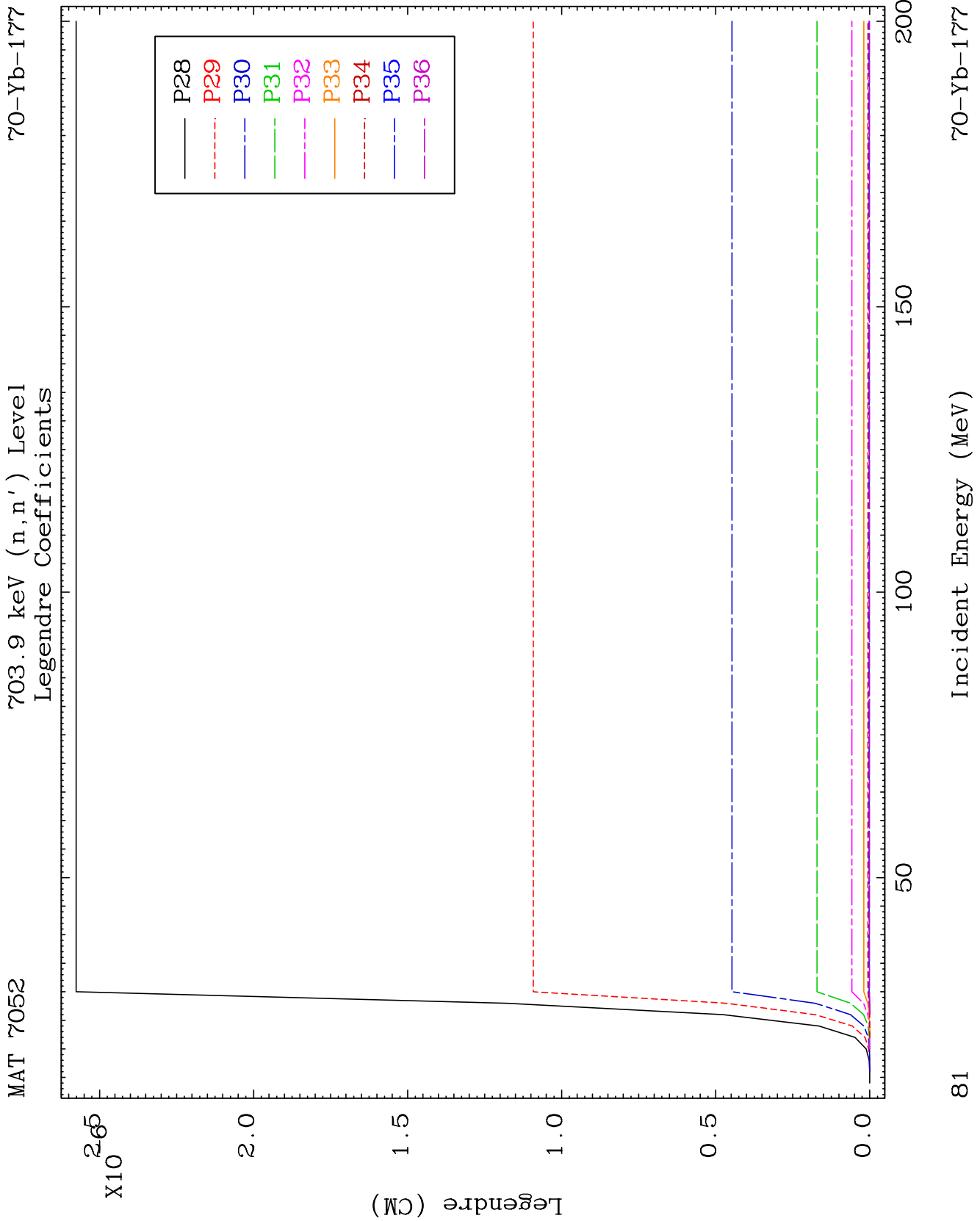


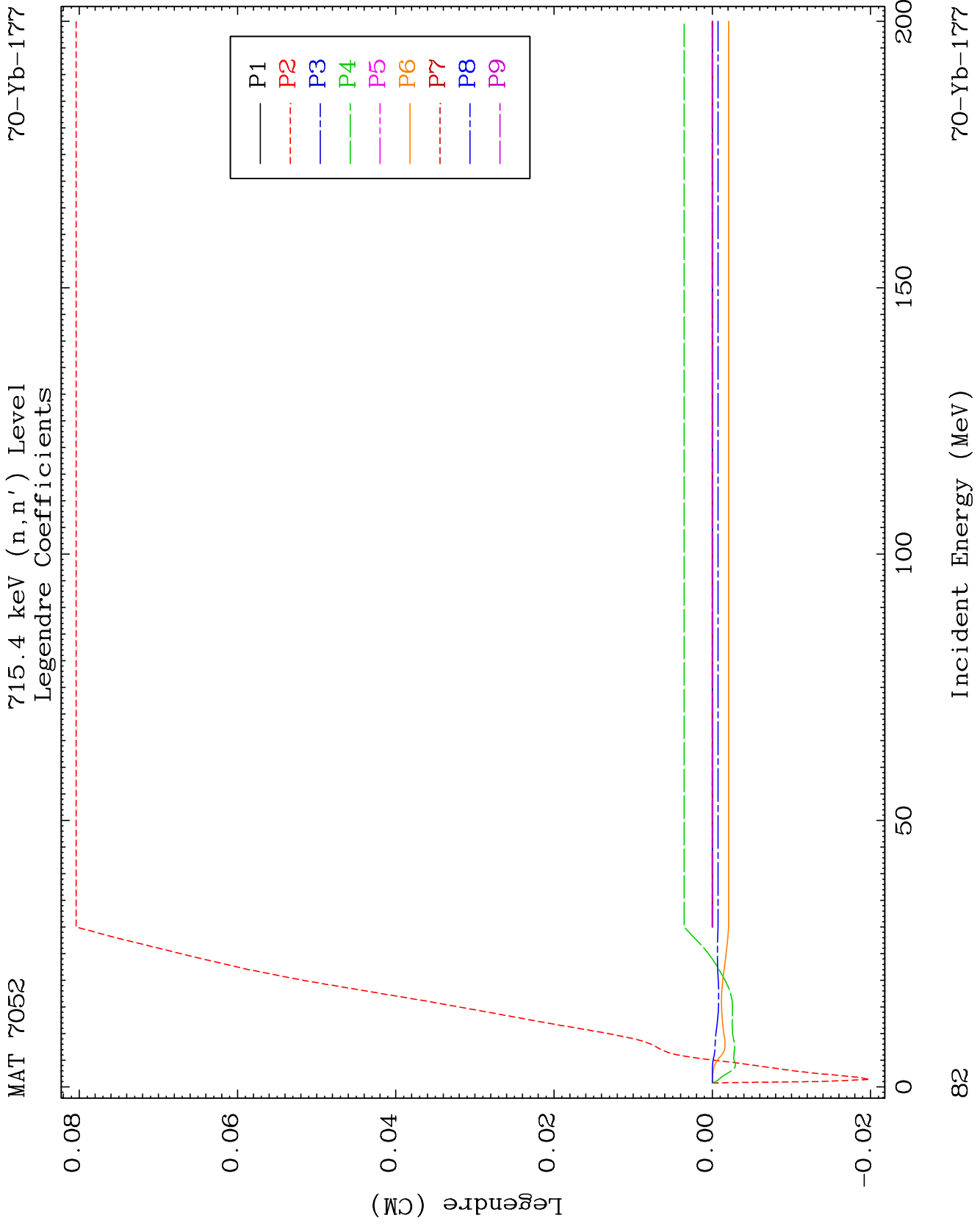
Incident Energy (MeV)

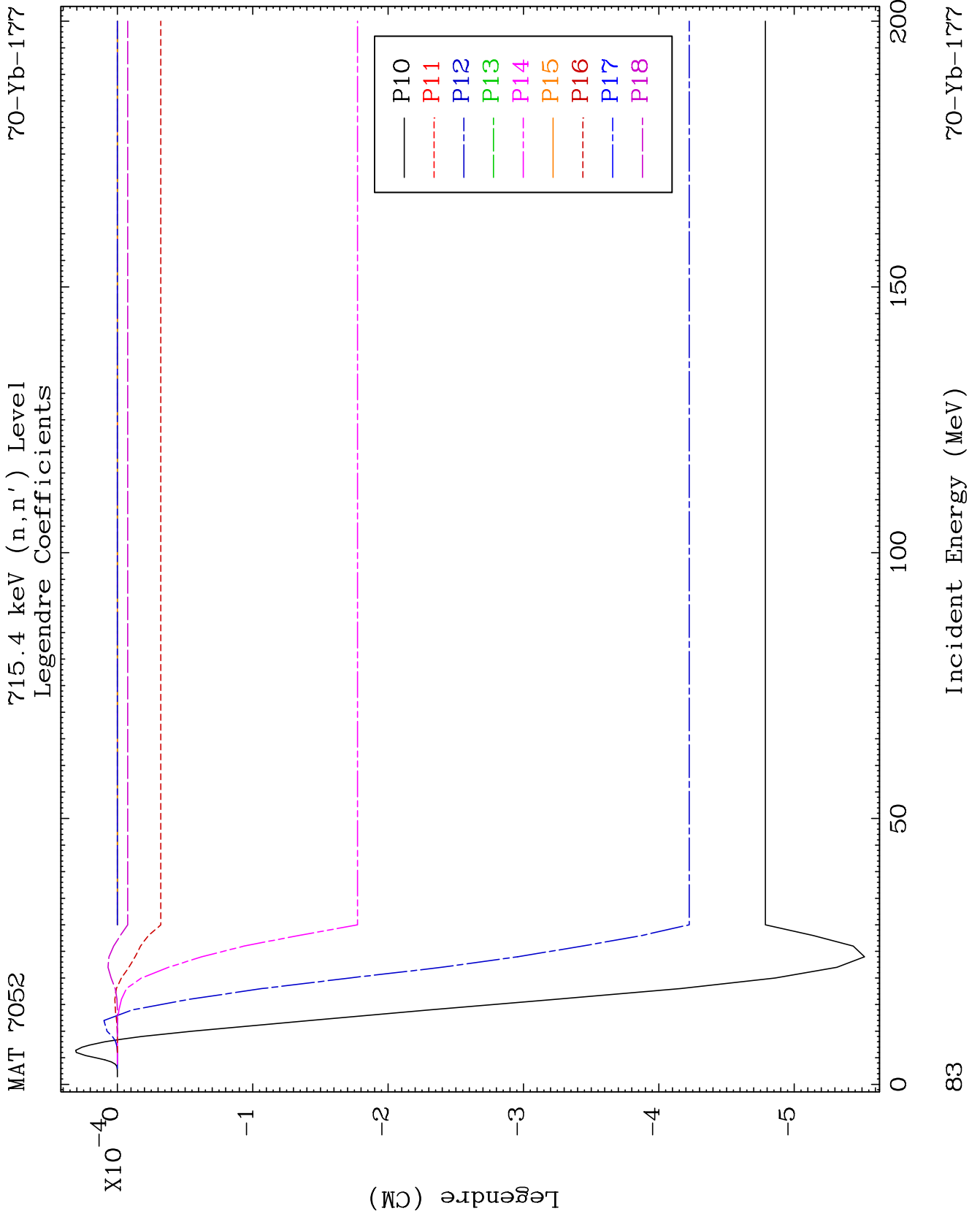
70-Yb-177

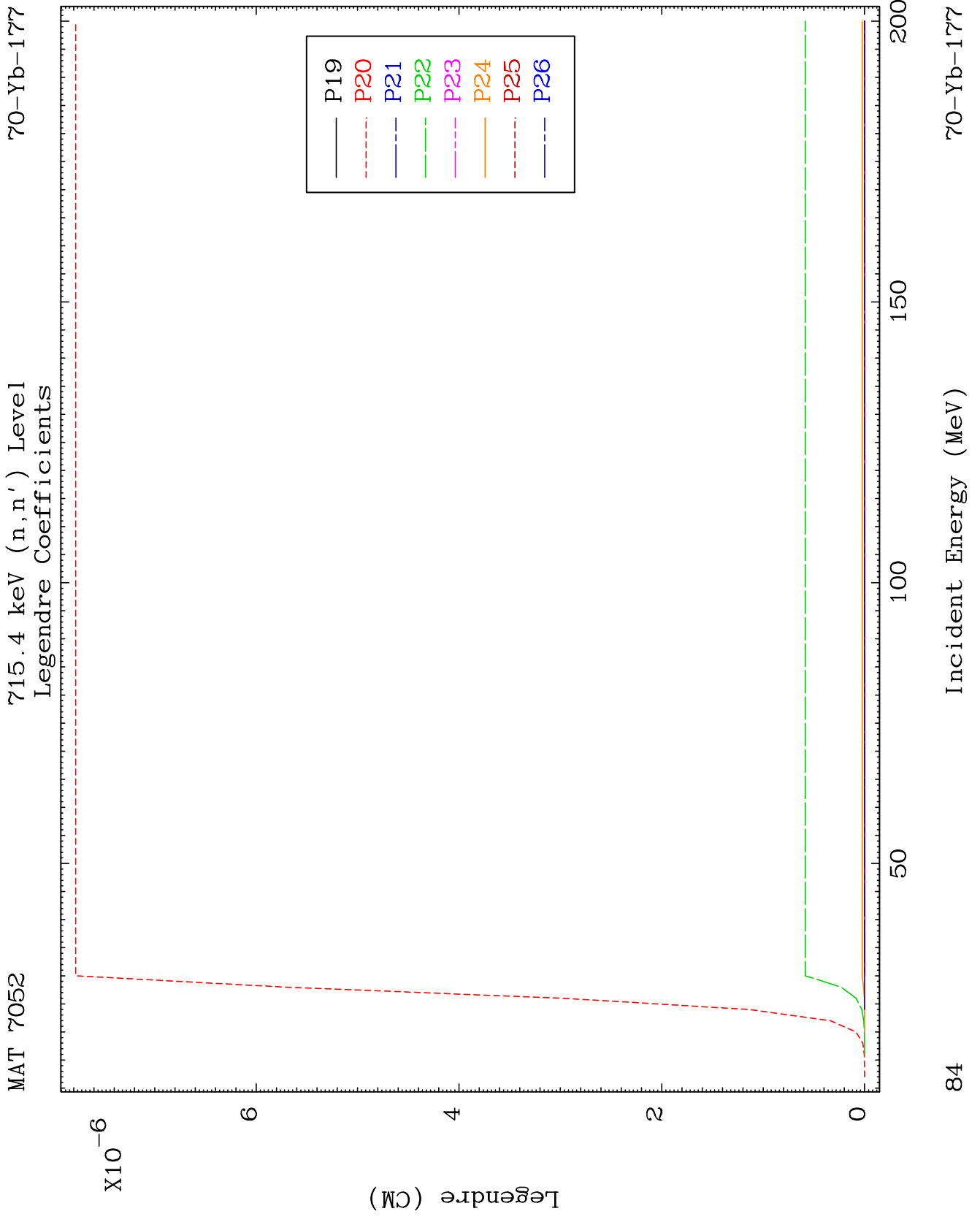
79

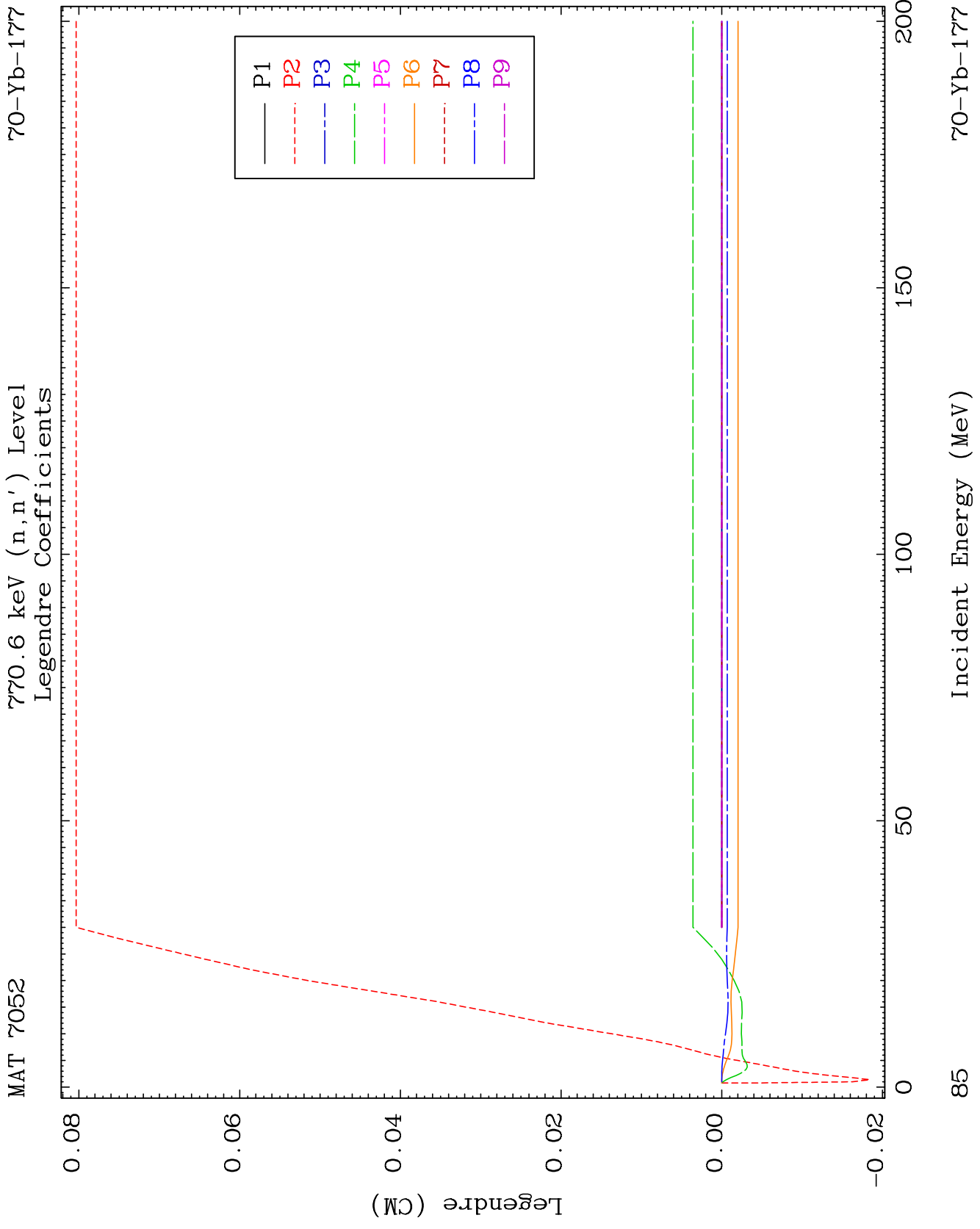


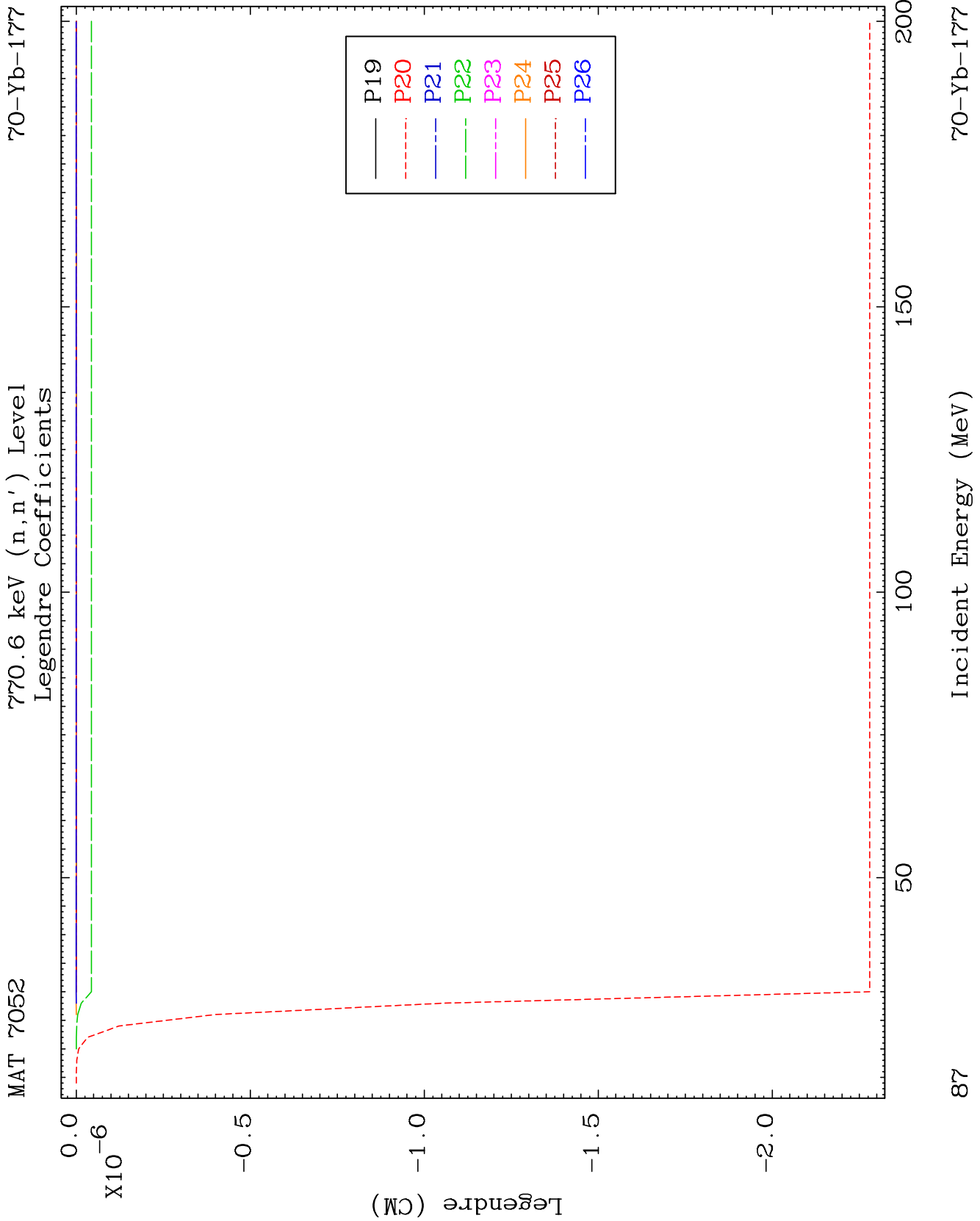


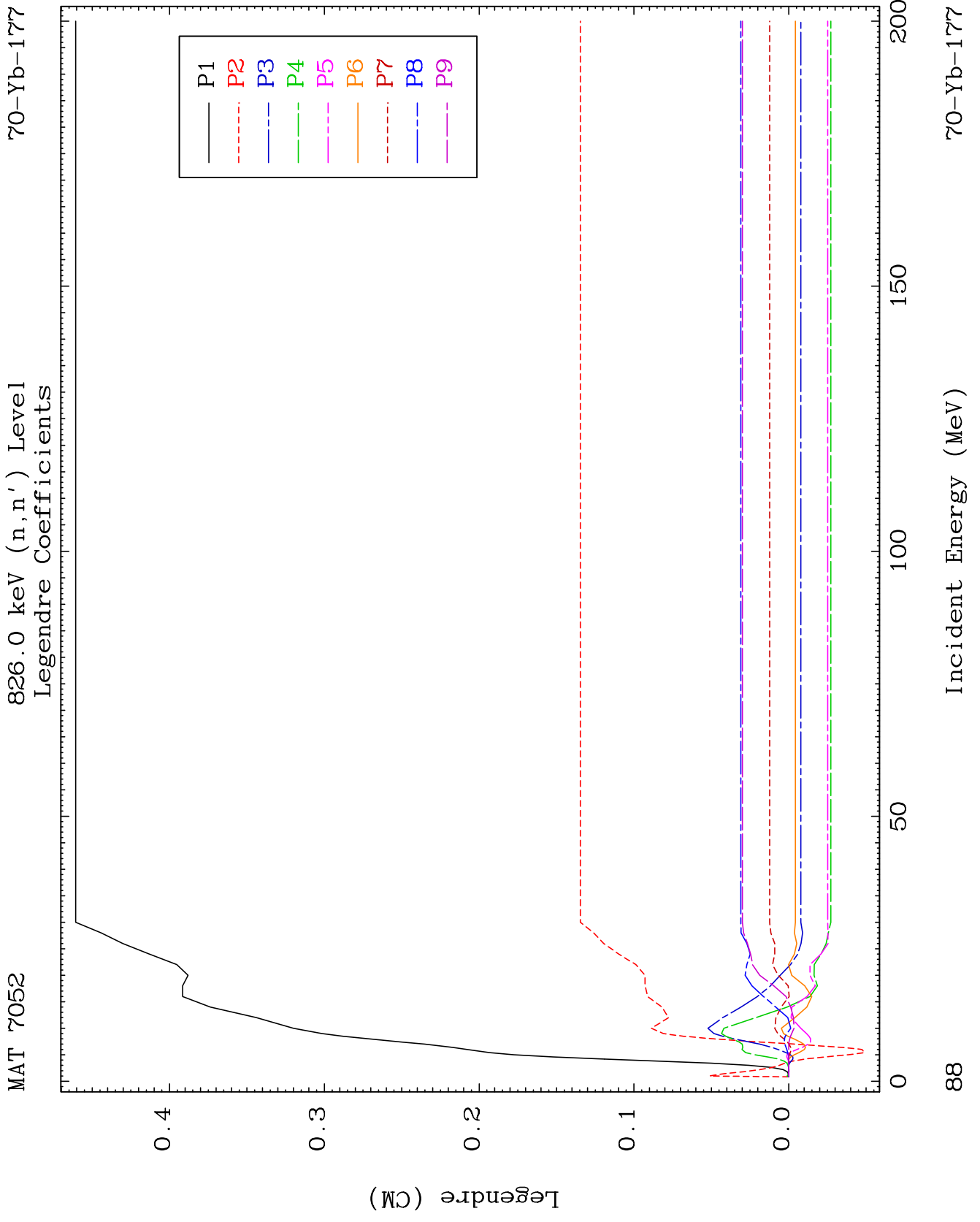








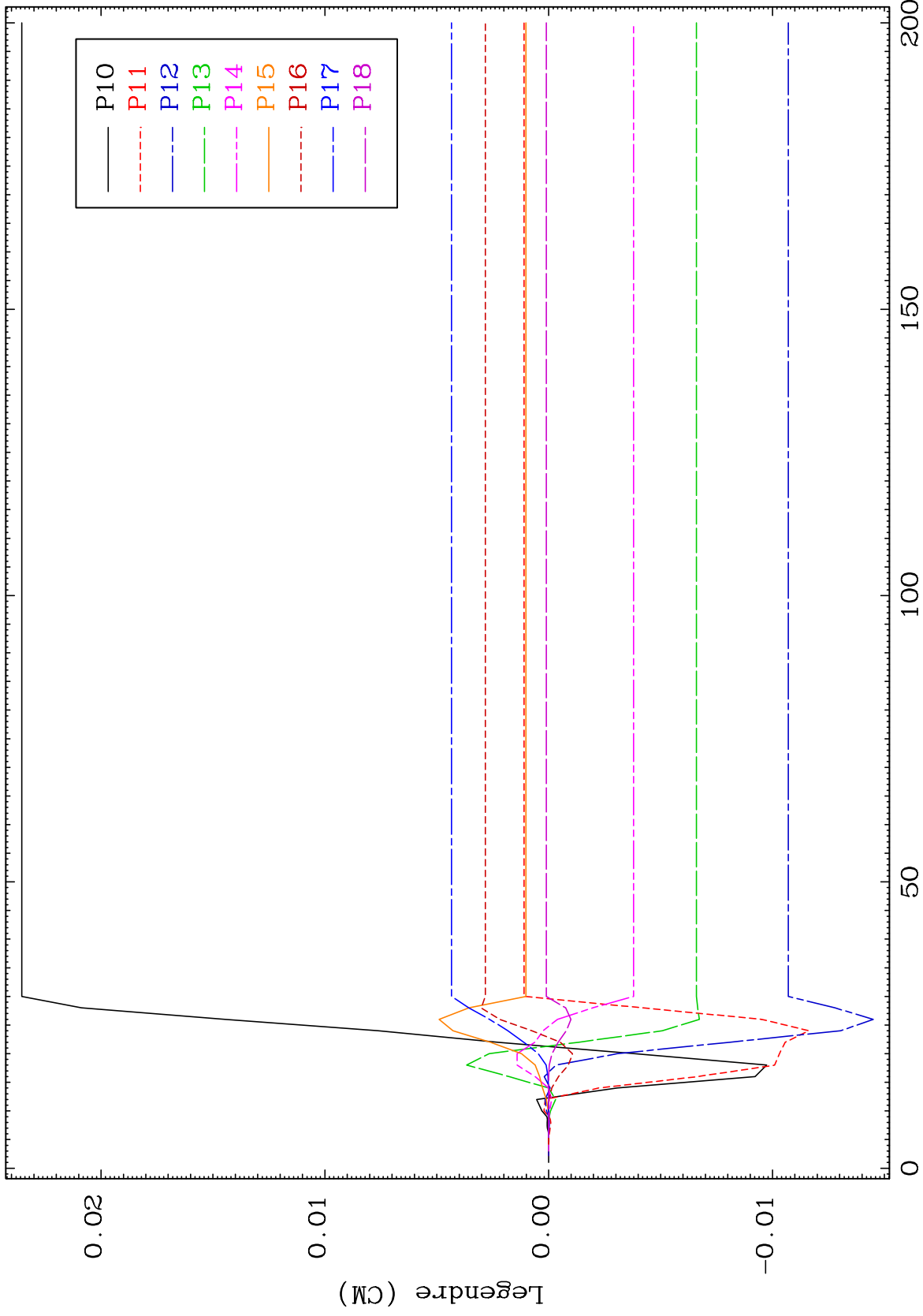




MAT 7052

826.0 keV (n,n') Level
Legendre Coefficients

70-Yb-177



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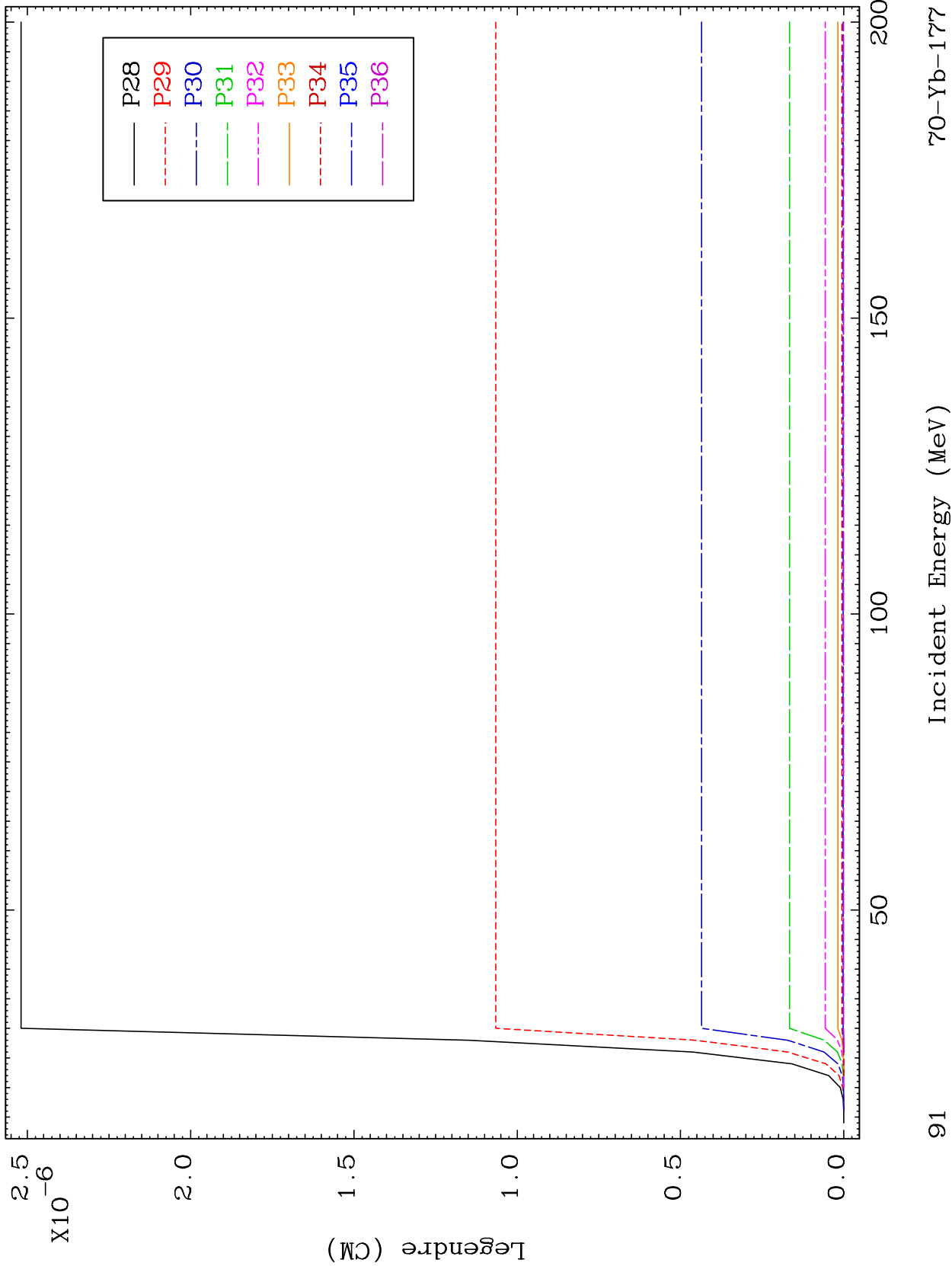
Incident Energy (MeV)

70-Yb-177

MAT 7052

826.0 keV (n, n') Level
Legendre Coefficients

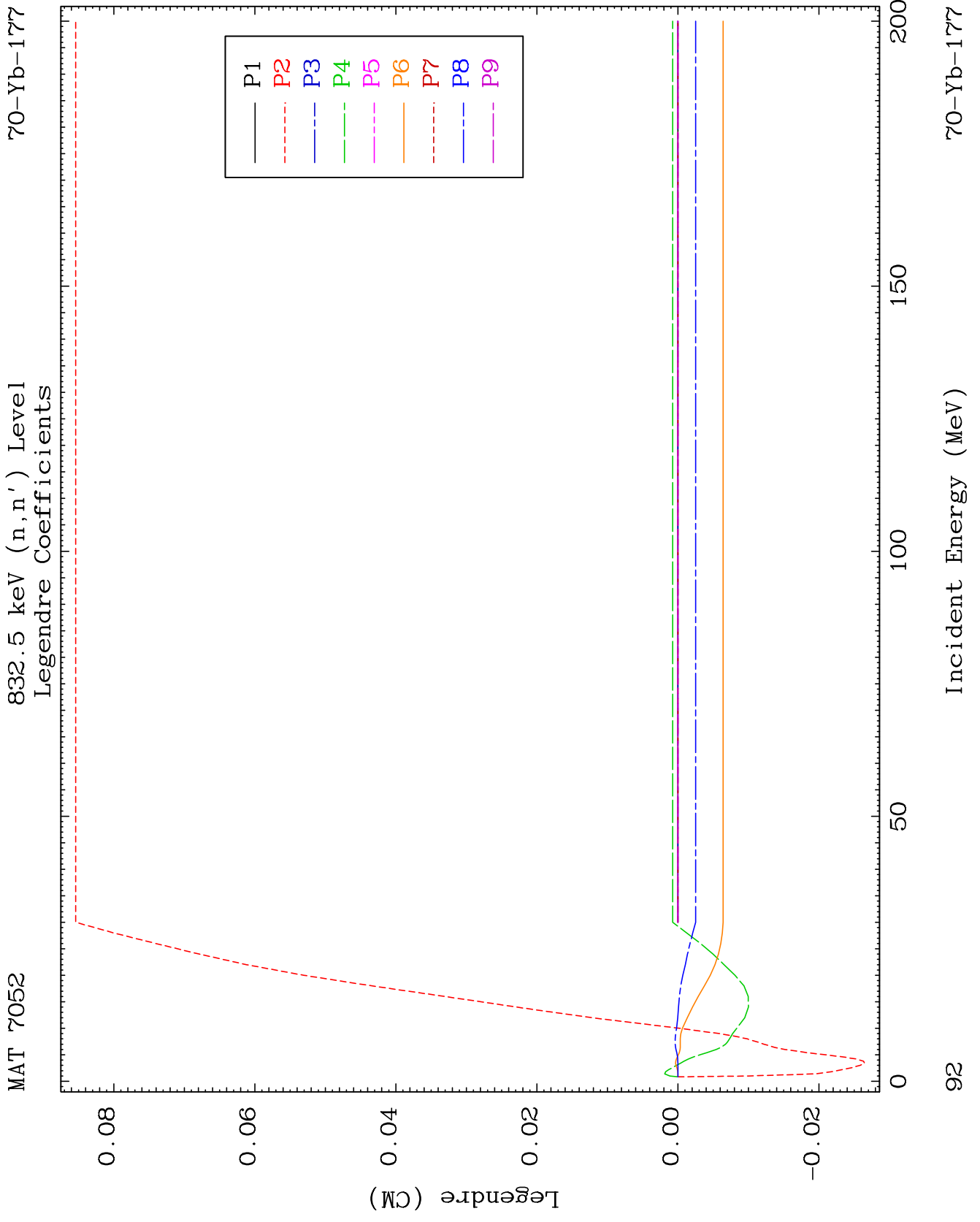
70-Yb-177



91

Incident Energy (MeV)

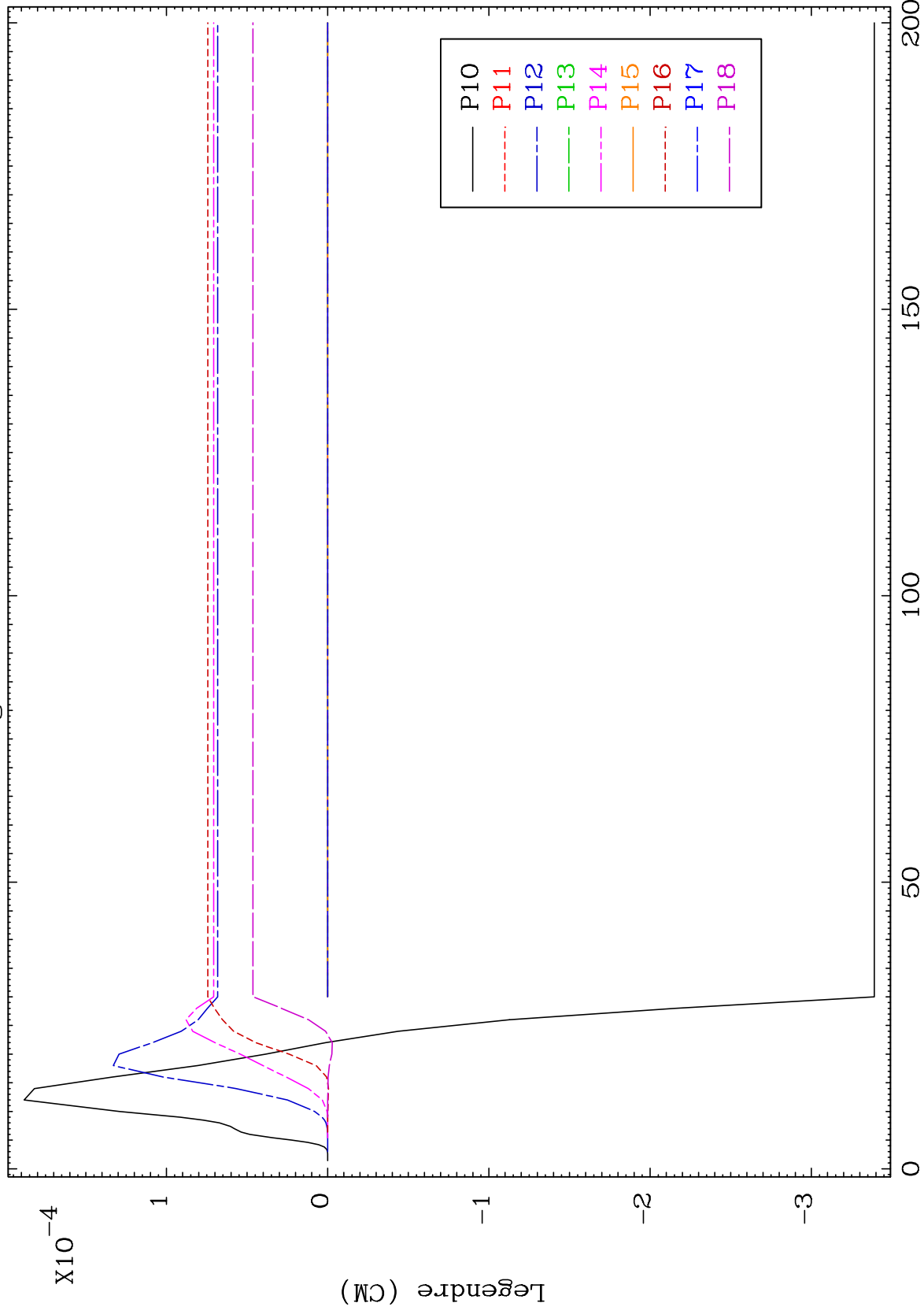
70-Yb-177



MAT 7052

832.5 keV (n,n') Level
Legendre Coefficients

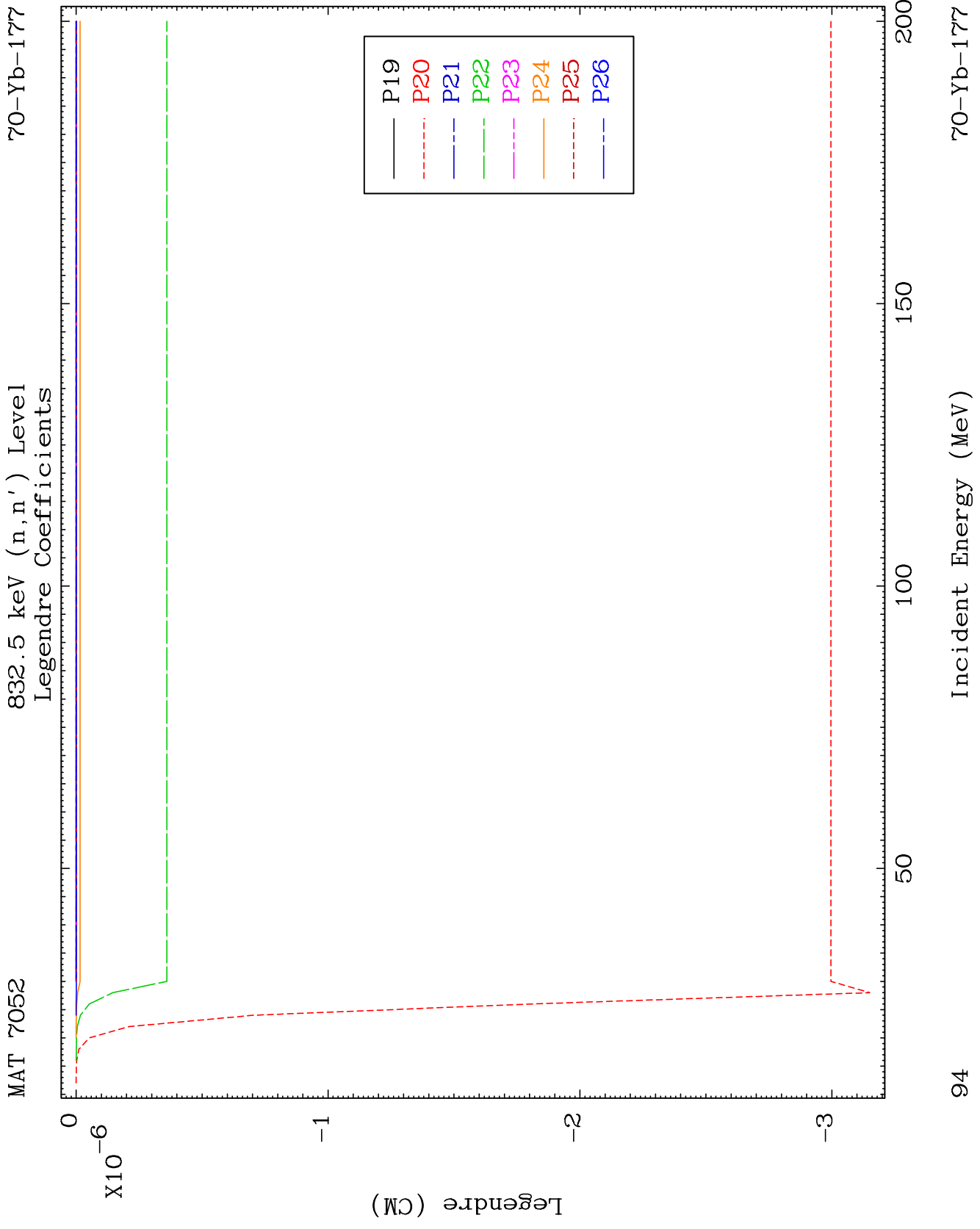
70-Yb-177

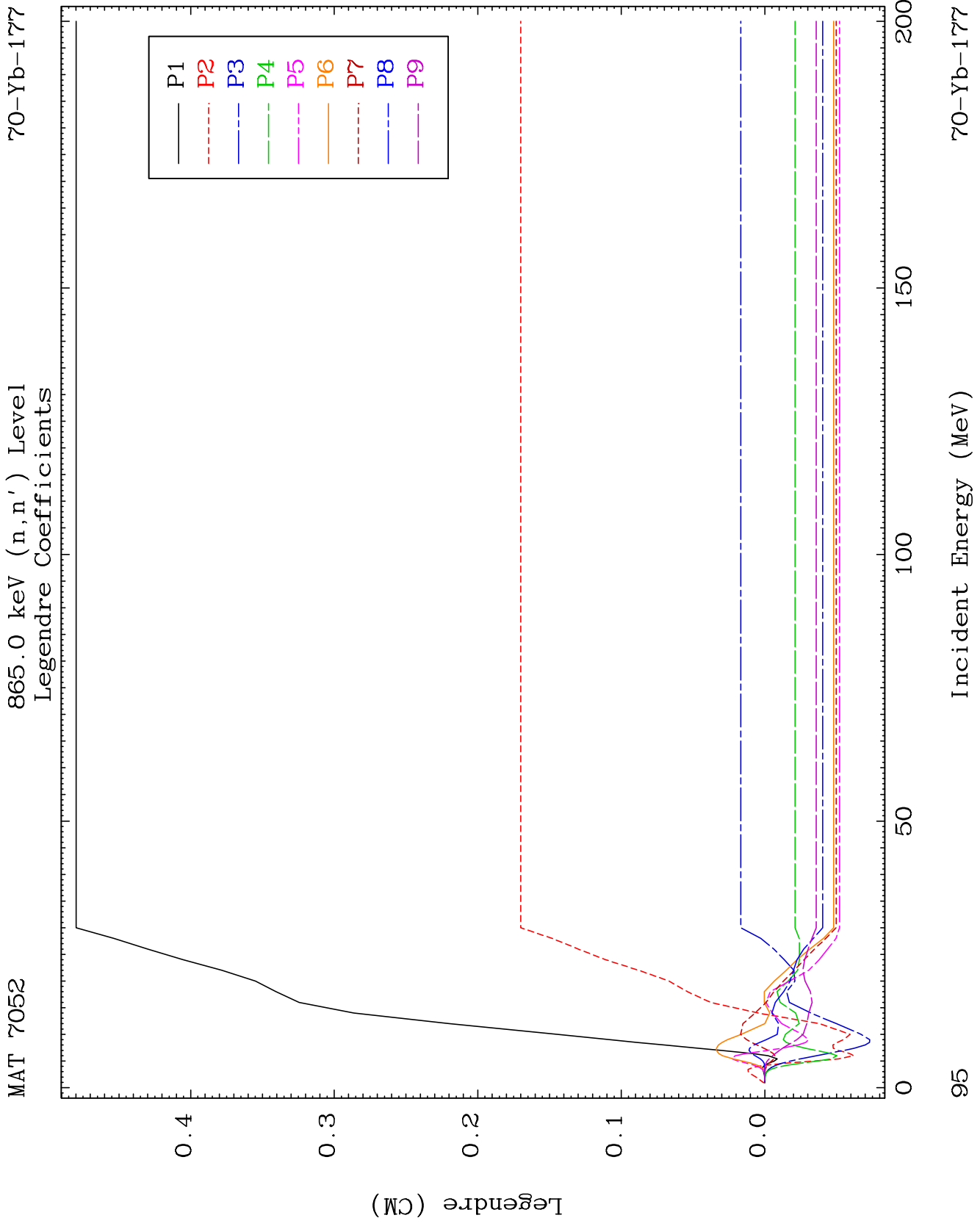


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Incident Energy (MeV)

70-Yb-177

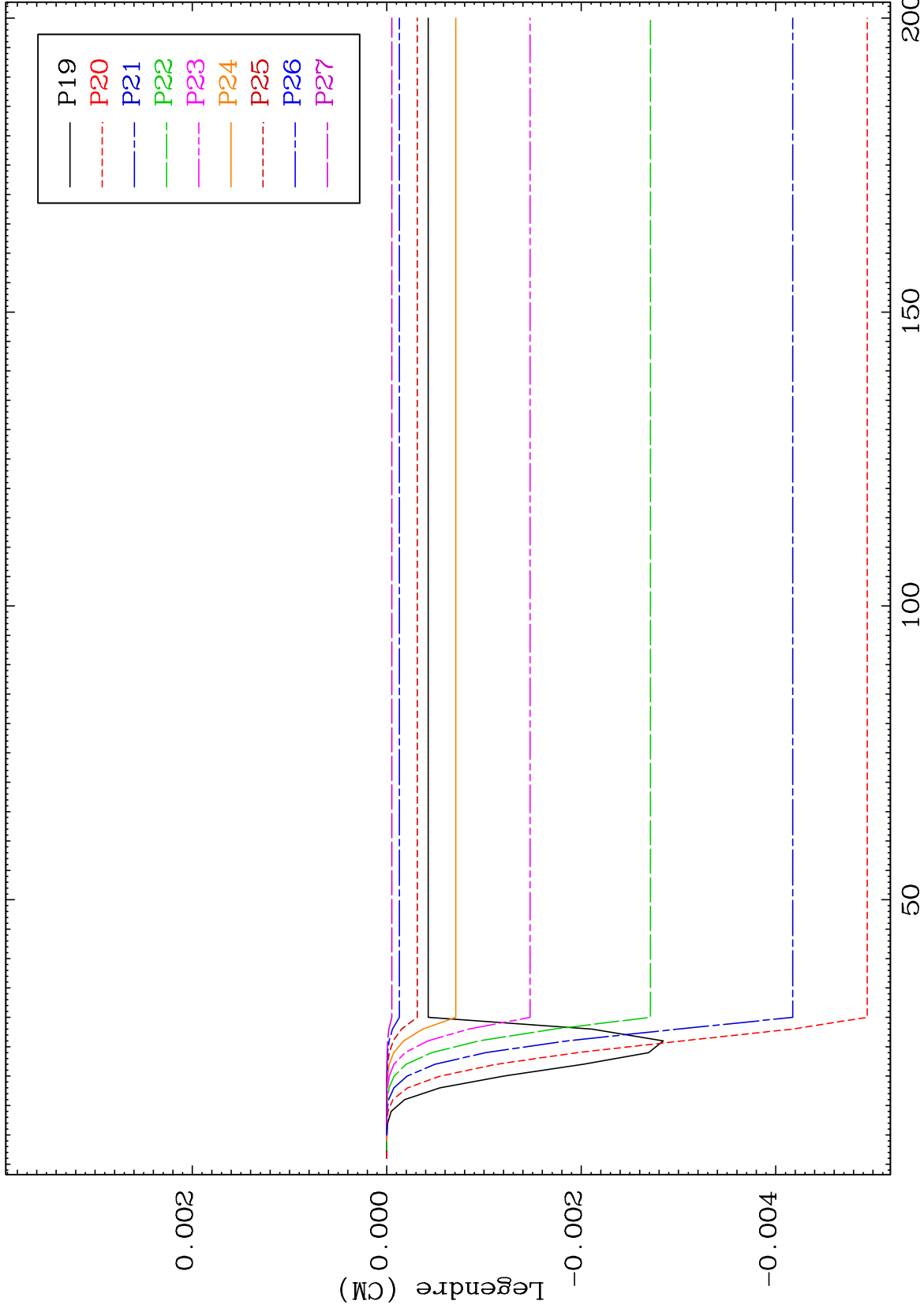




MAT 7052

865.0 keV (n,n') Level
Legendre Coefficients

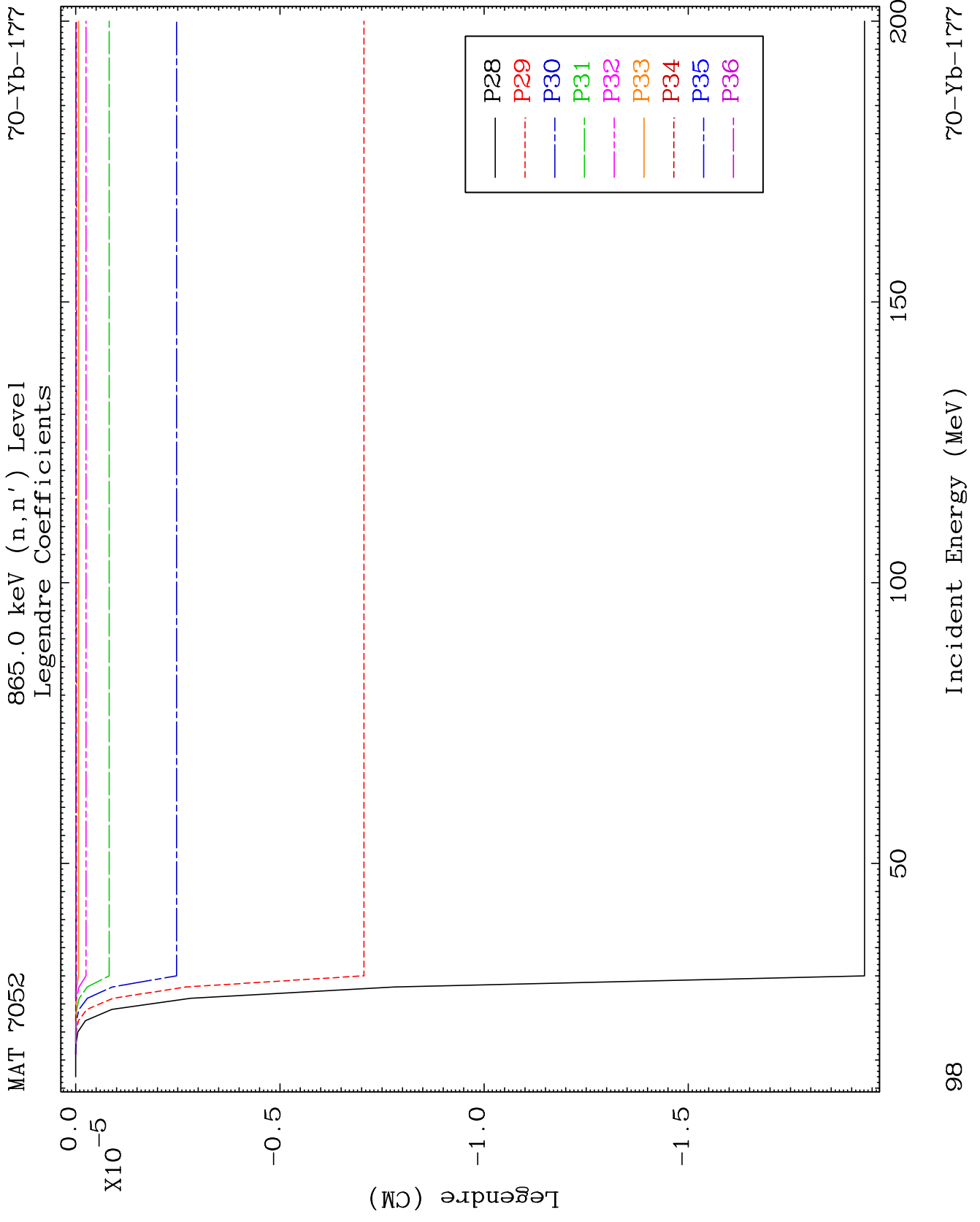
70-Yb-177

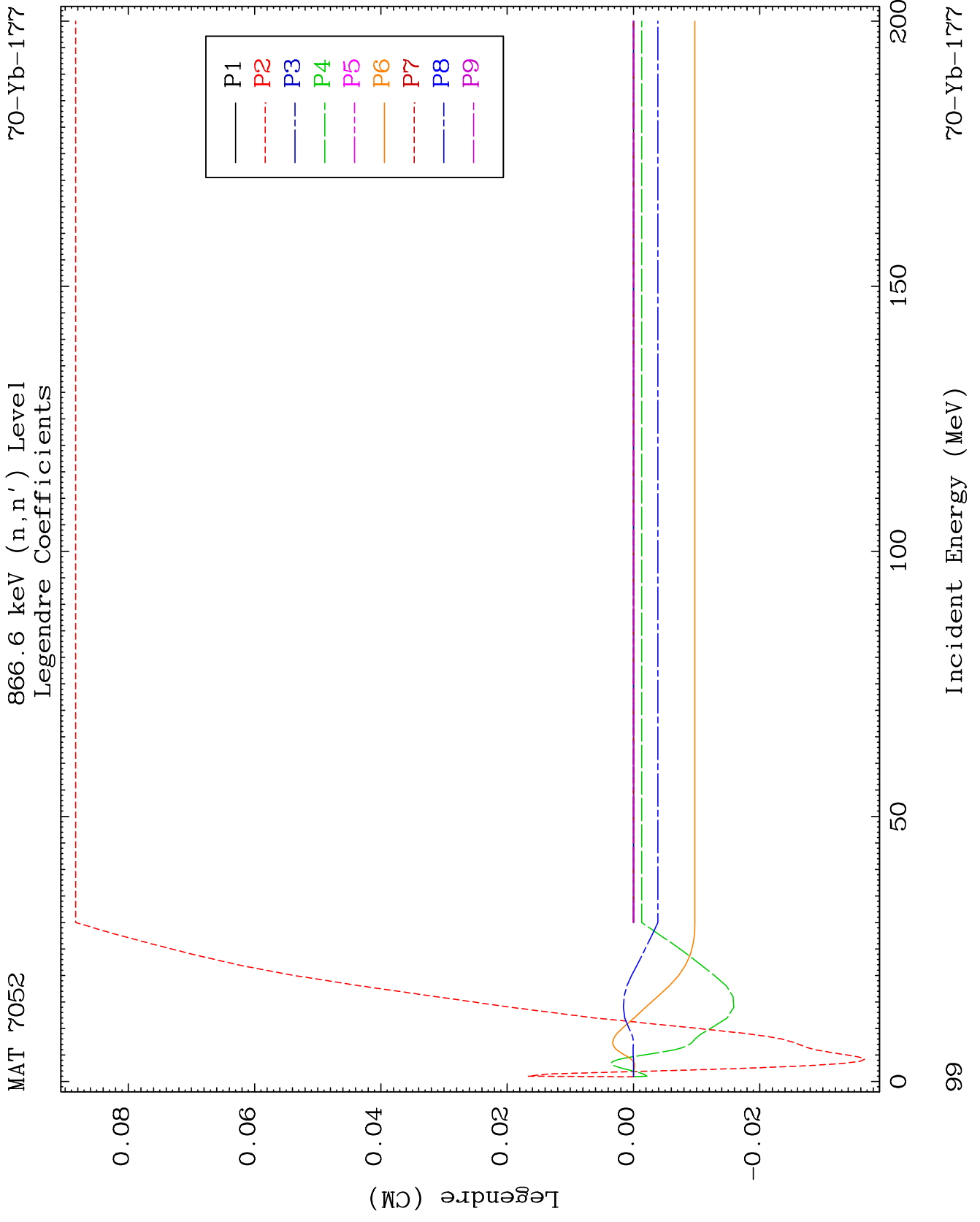


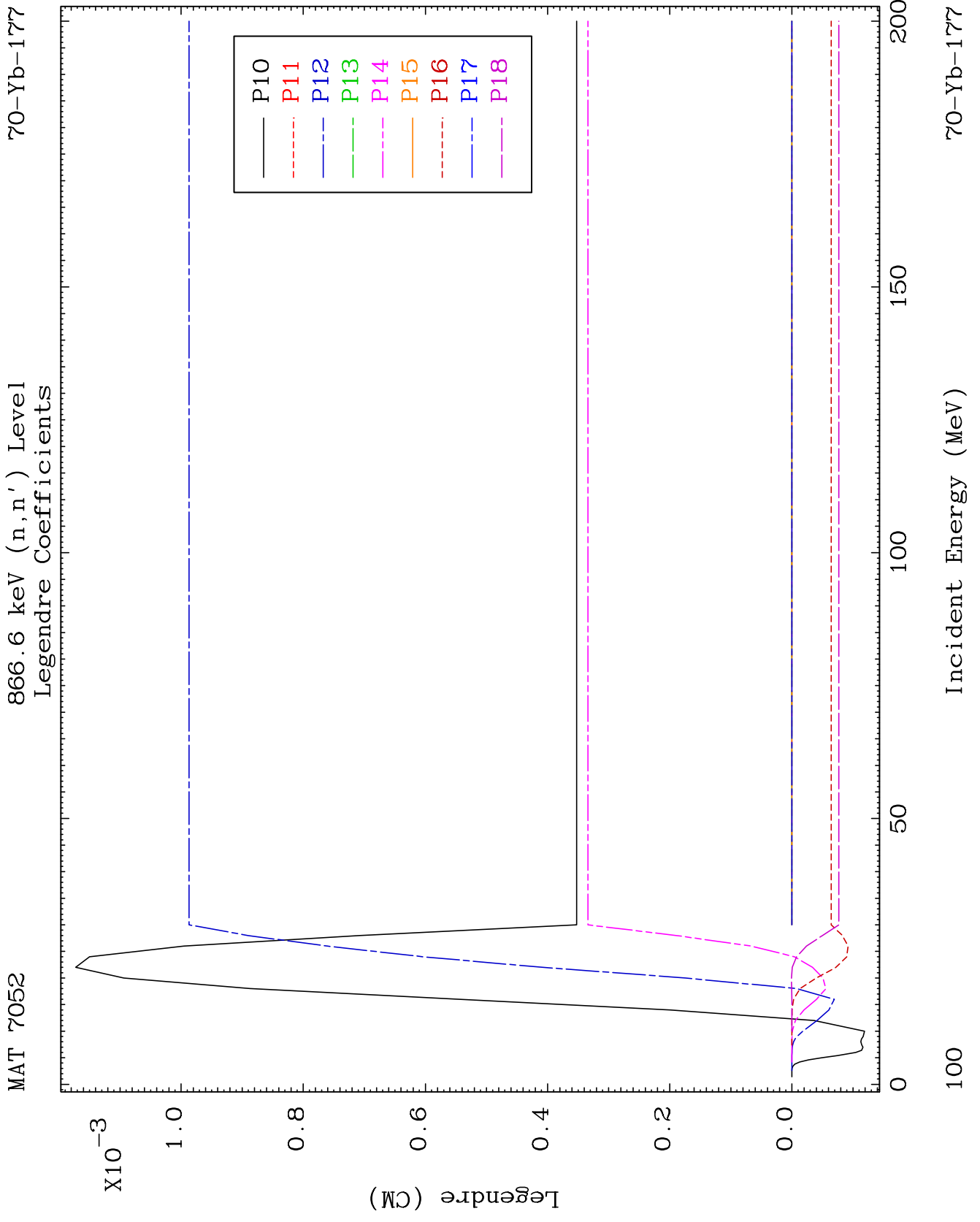
97

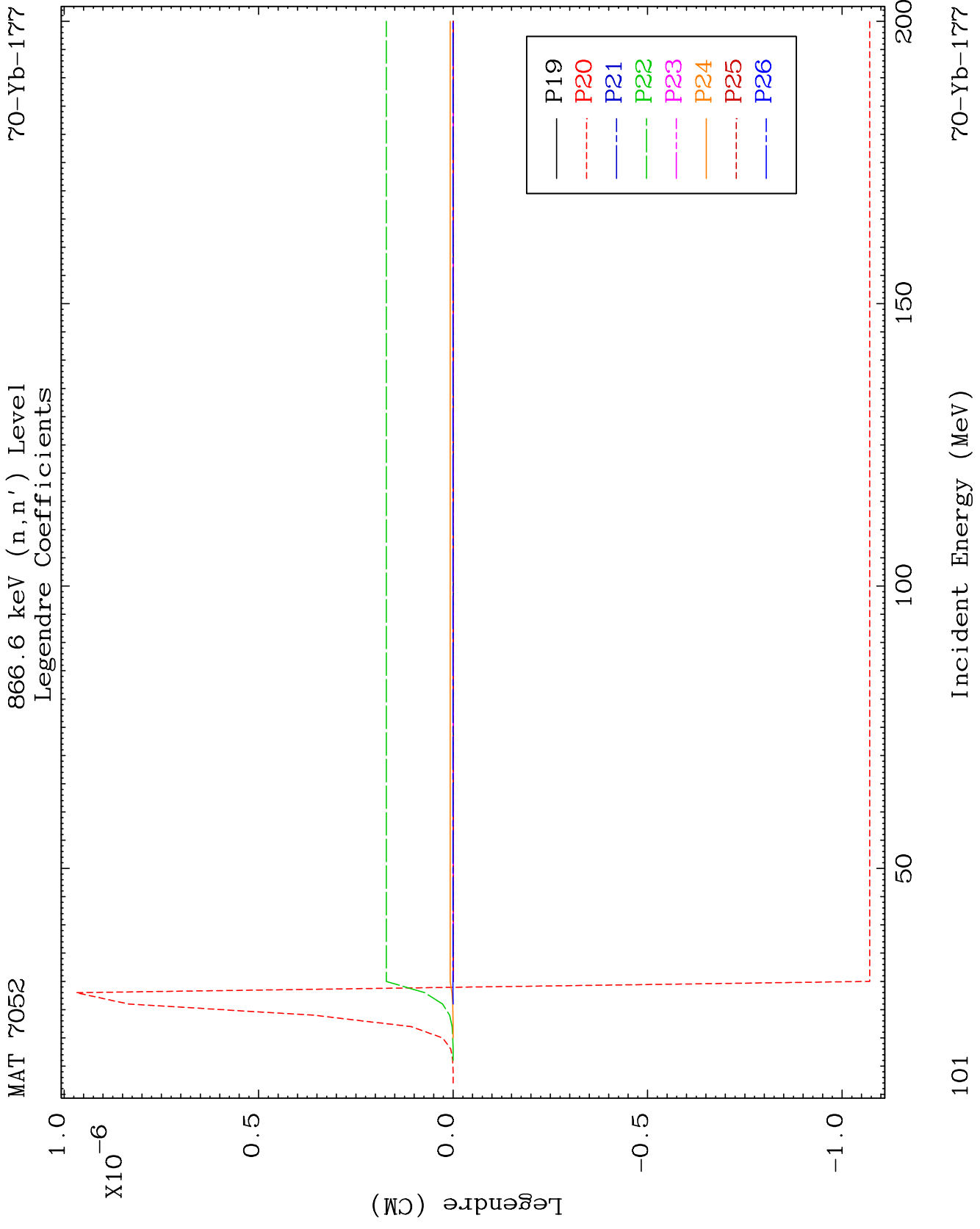
Incident Energy (MeV)

70-Yb-177





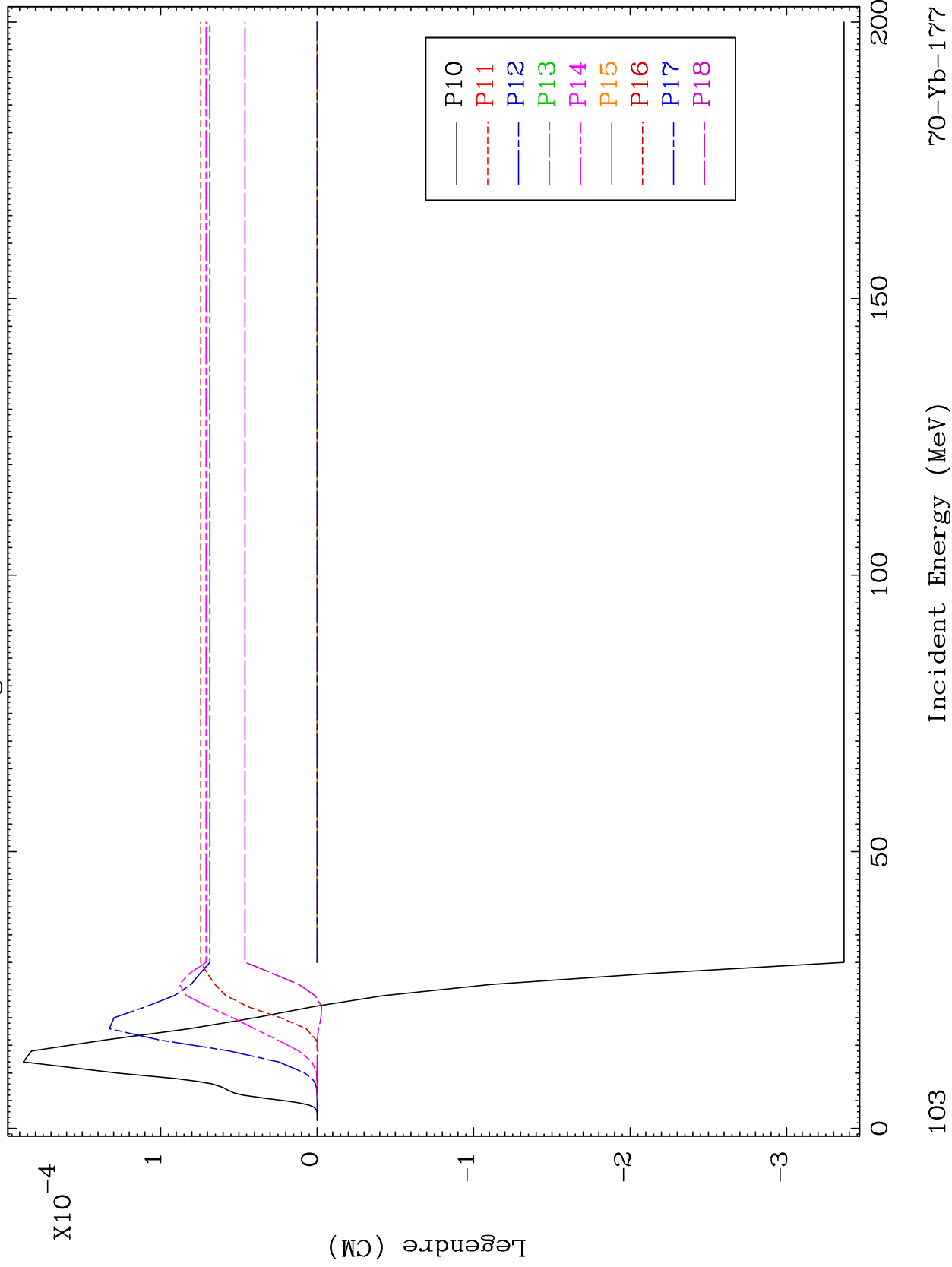




MAT 7052

896.0 keV (n,n') Level
Legendre Coefficients

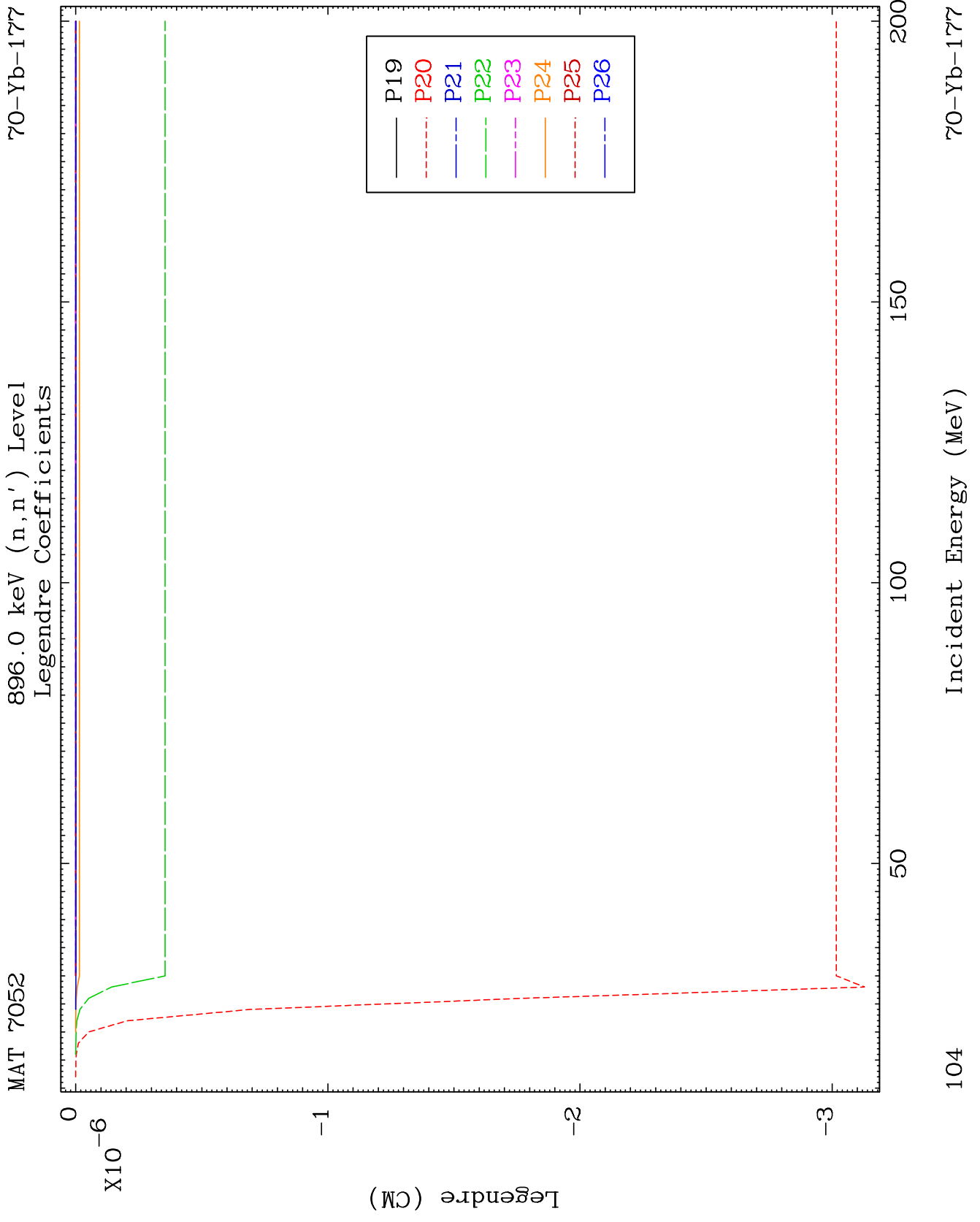
70-Yb-177

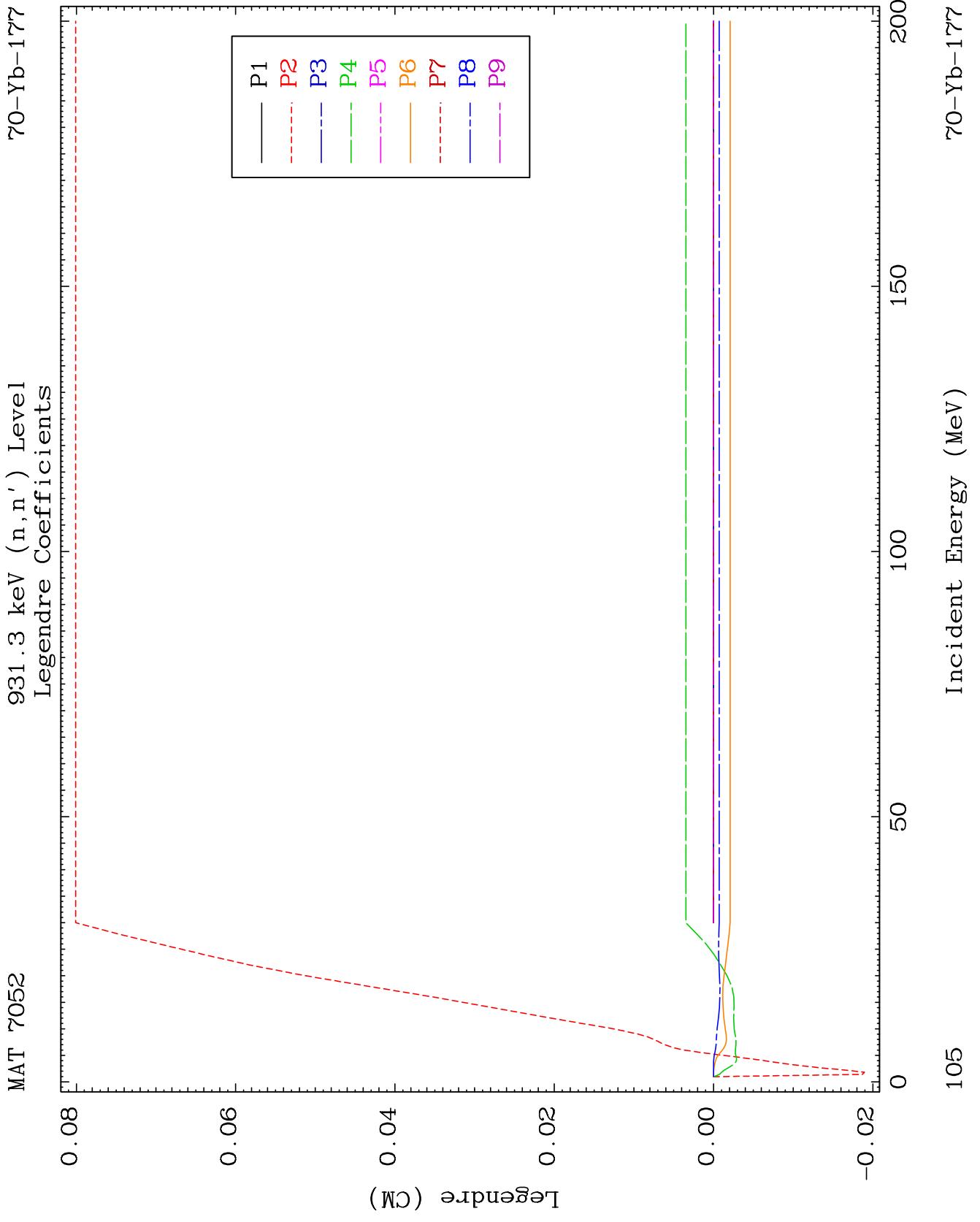


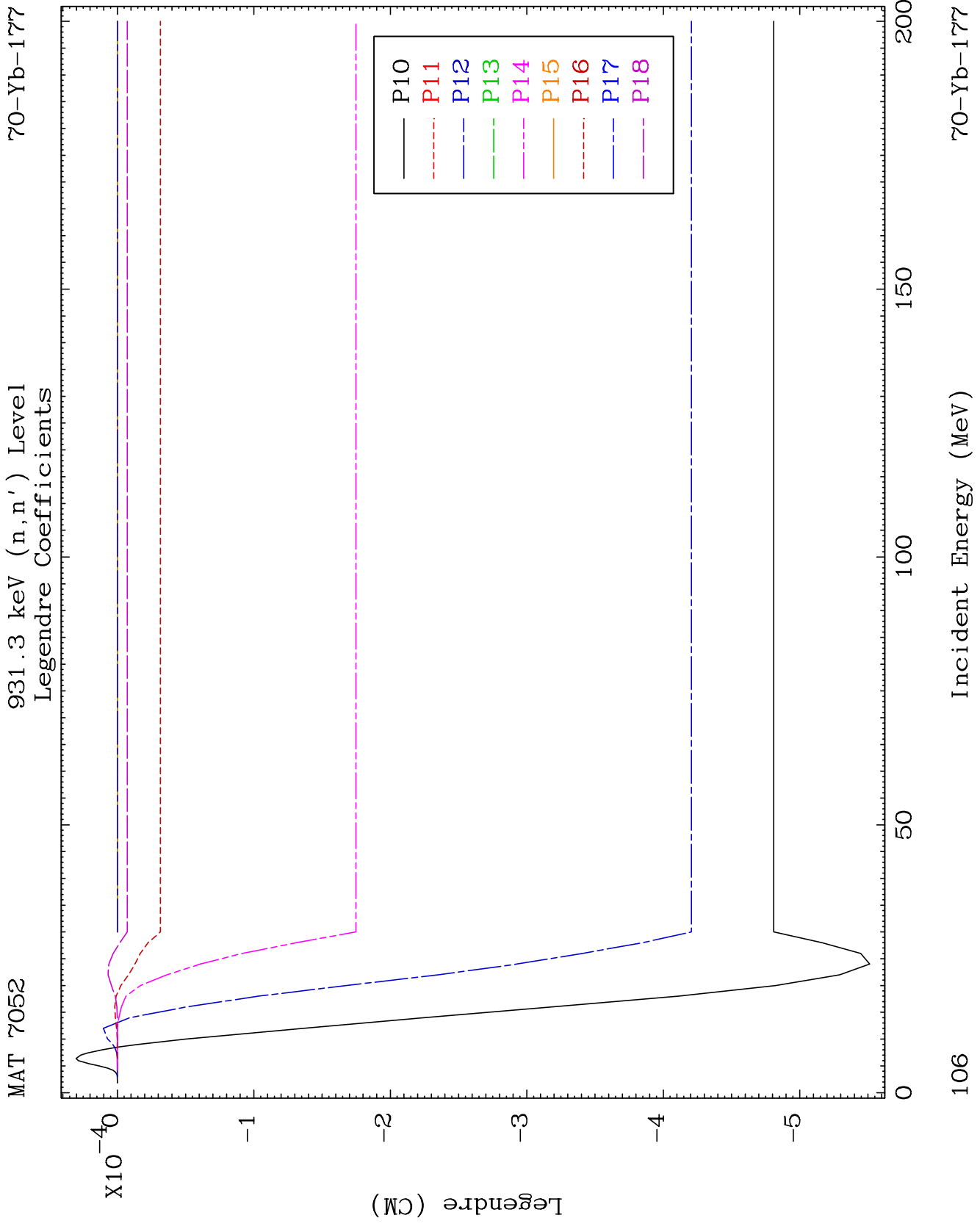
103

Incident Energy (MeV)

70-Yb-177



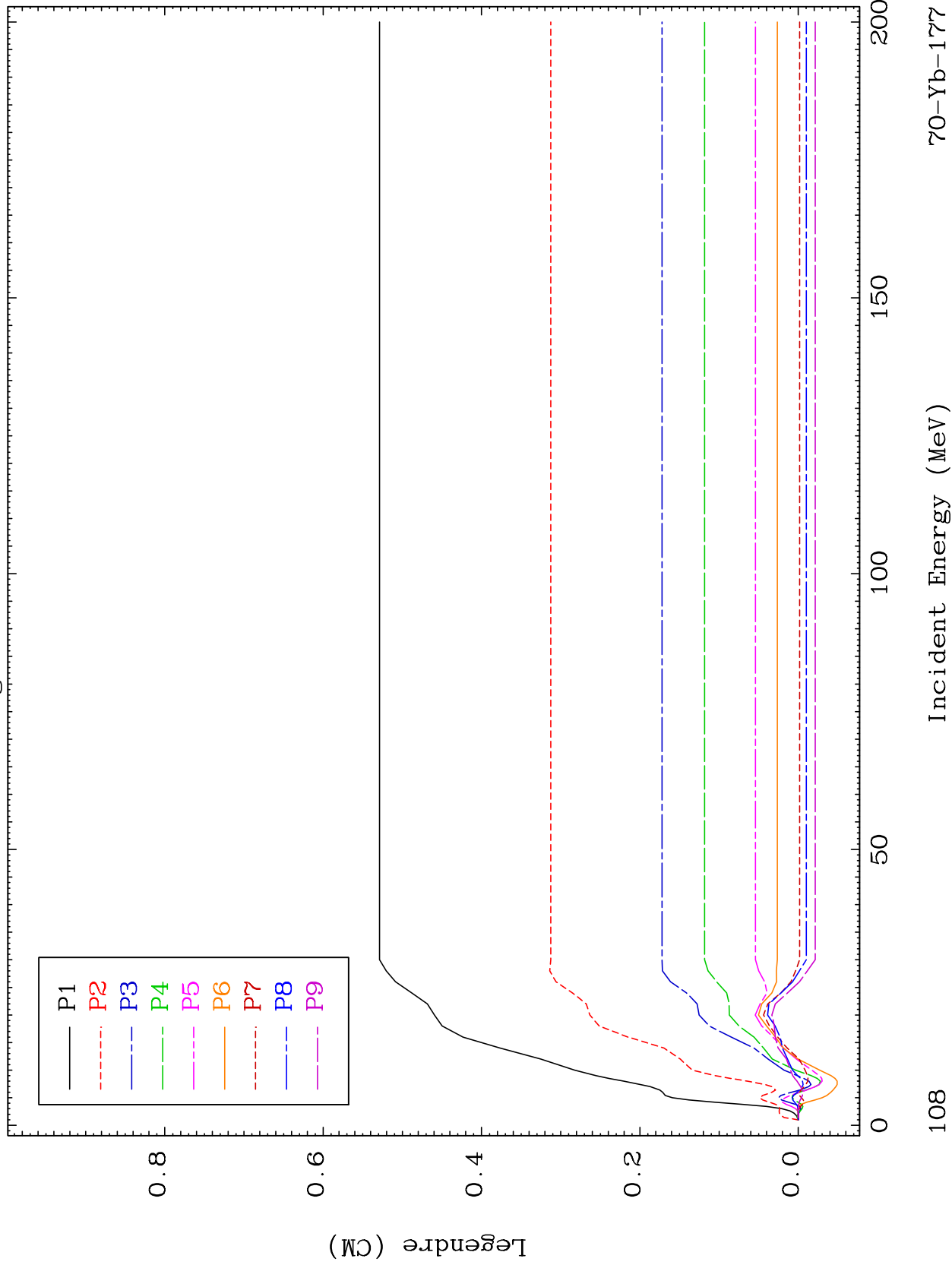




MAT 7052

938.6 keV (n,n') Level
Legendre Coefficients

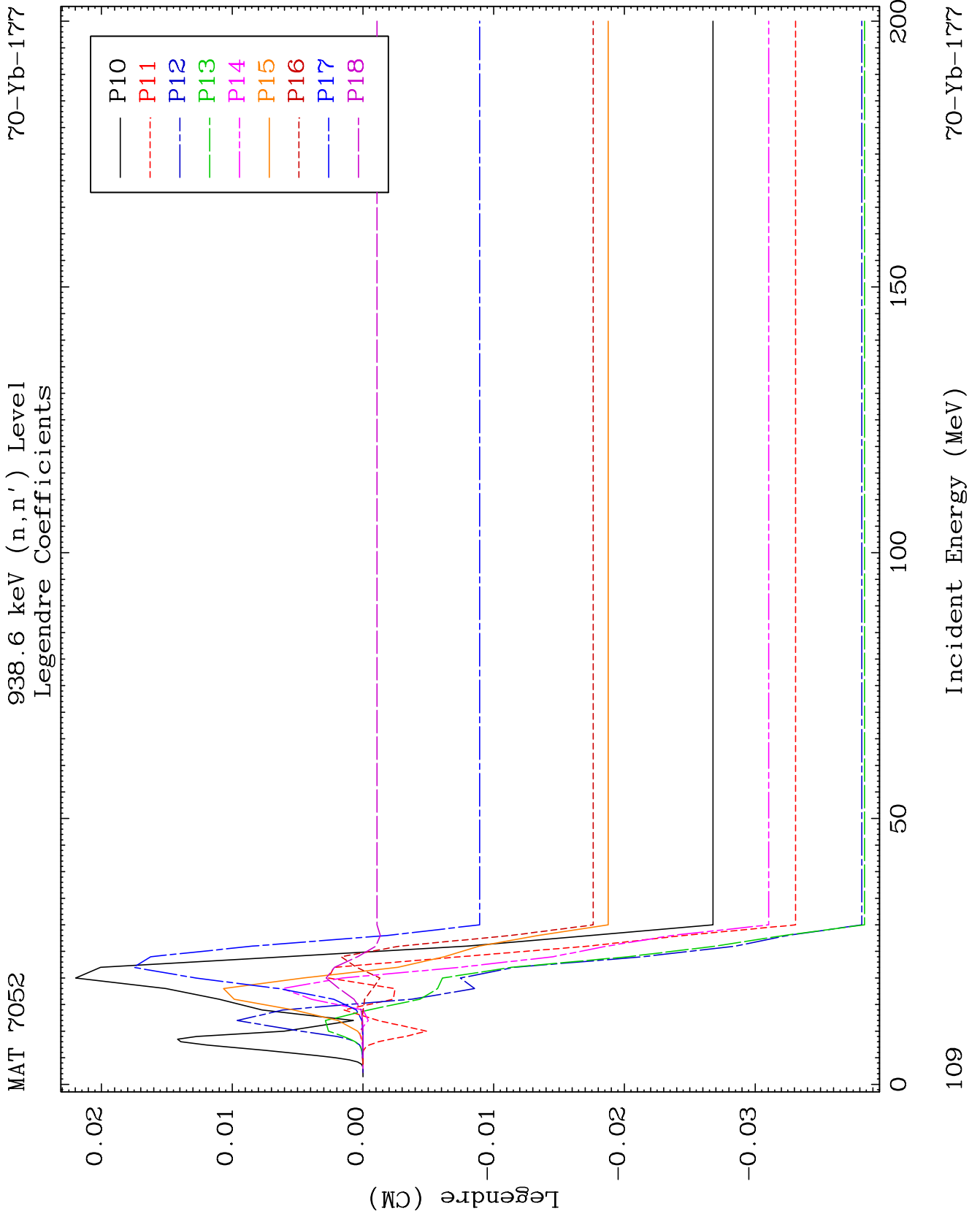
70-Yb-177

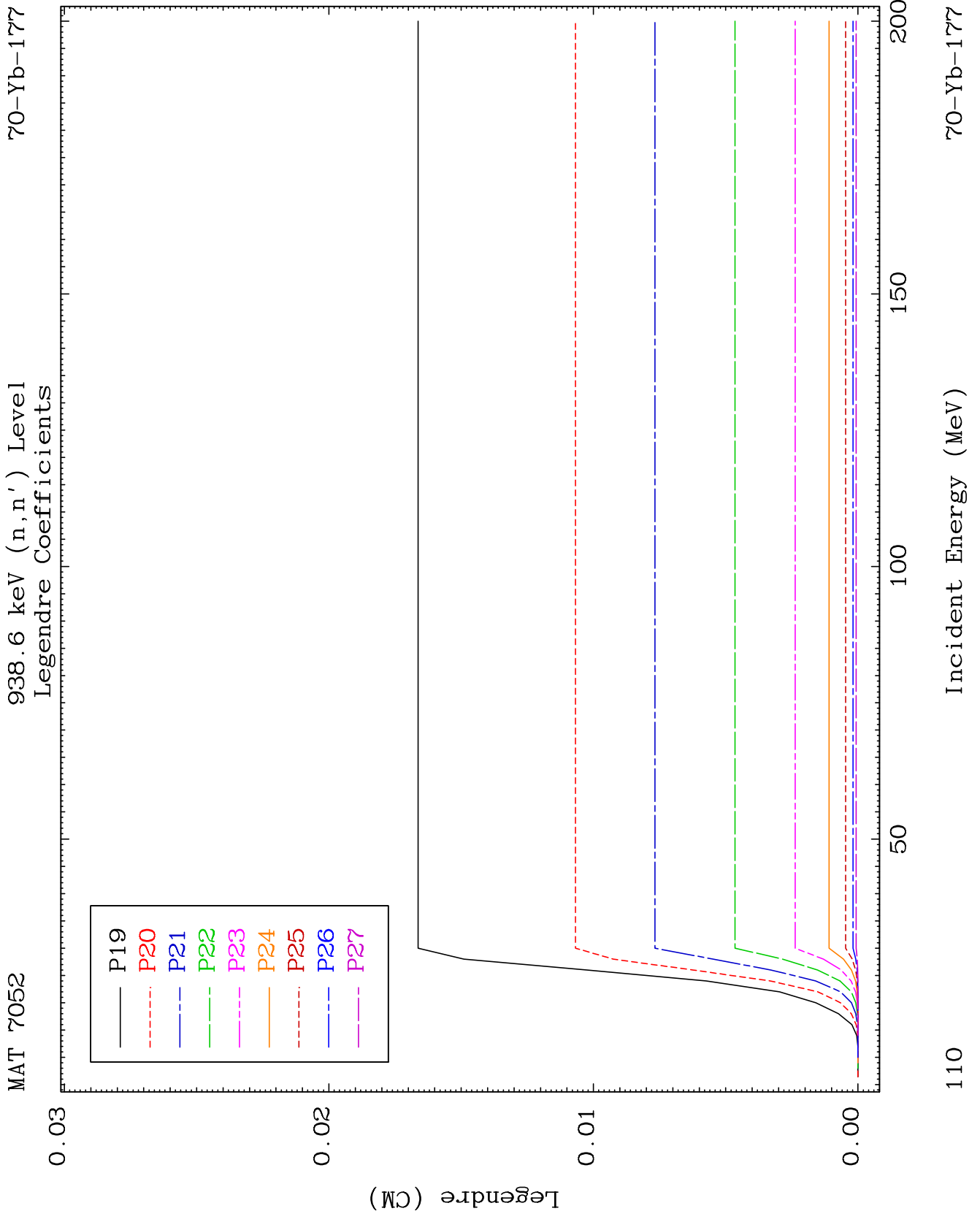


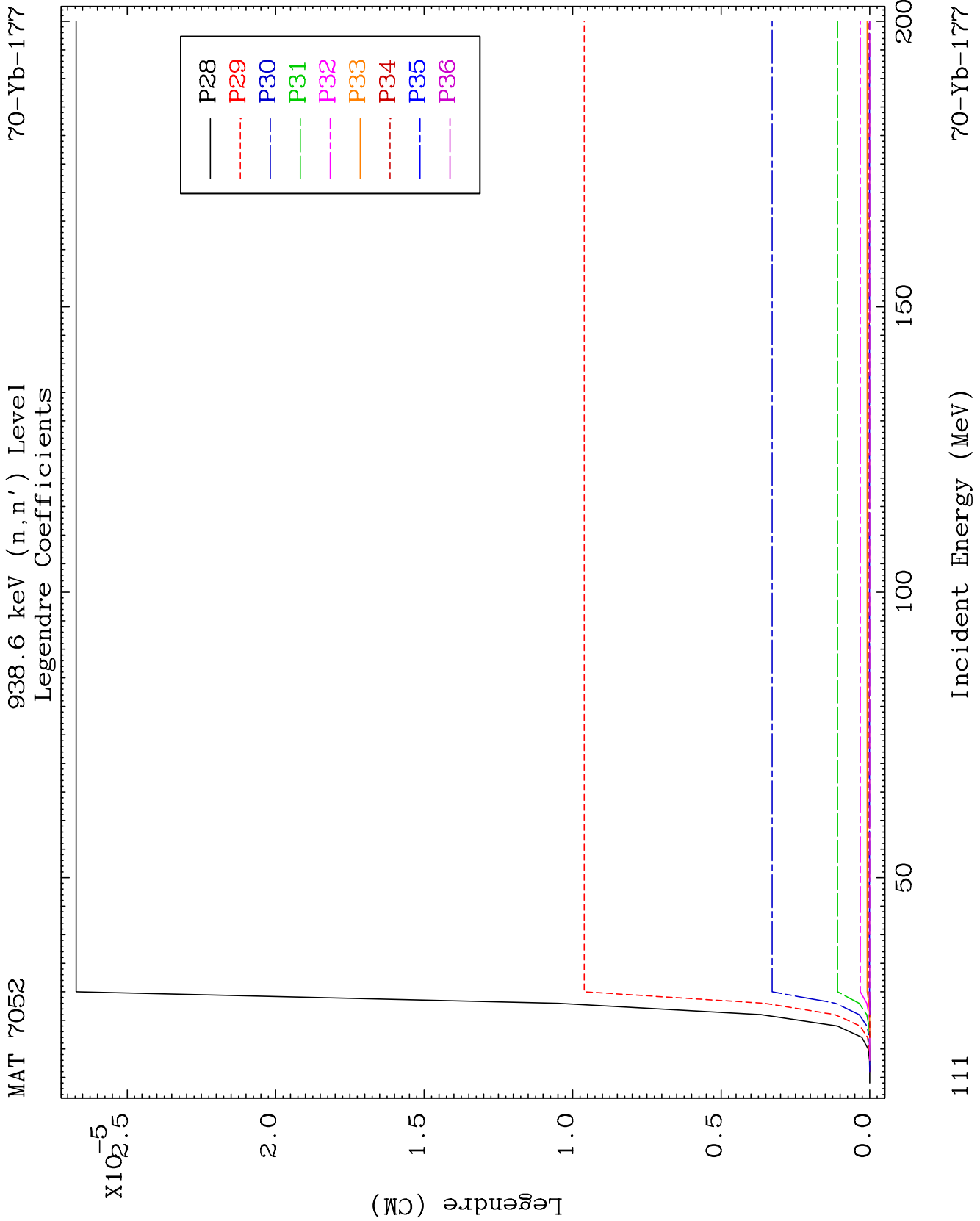
70-Yb-177

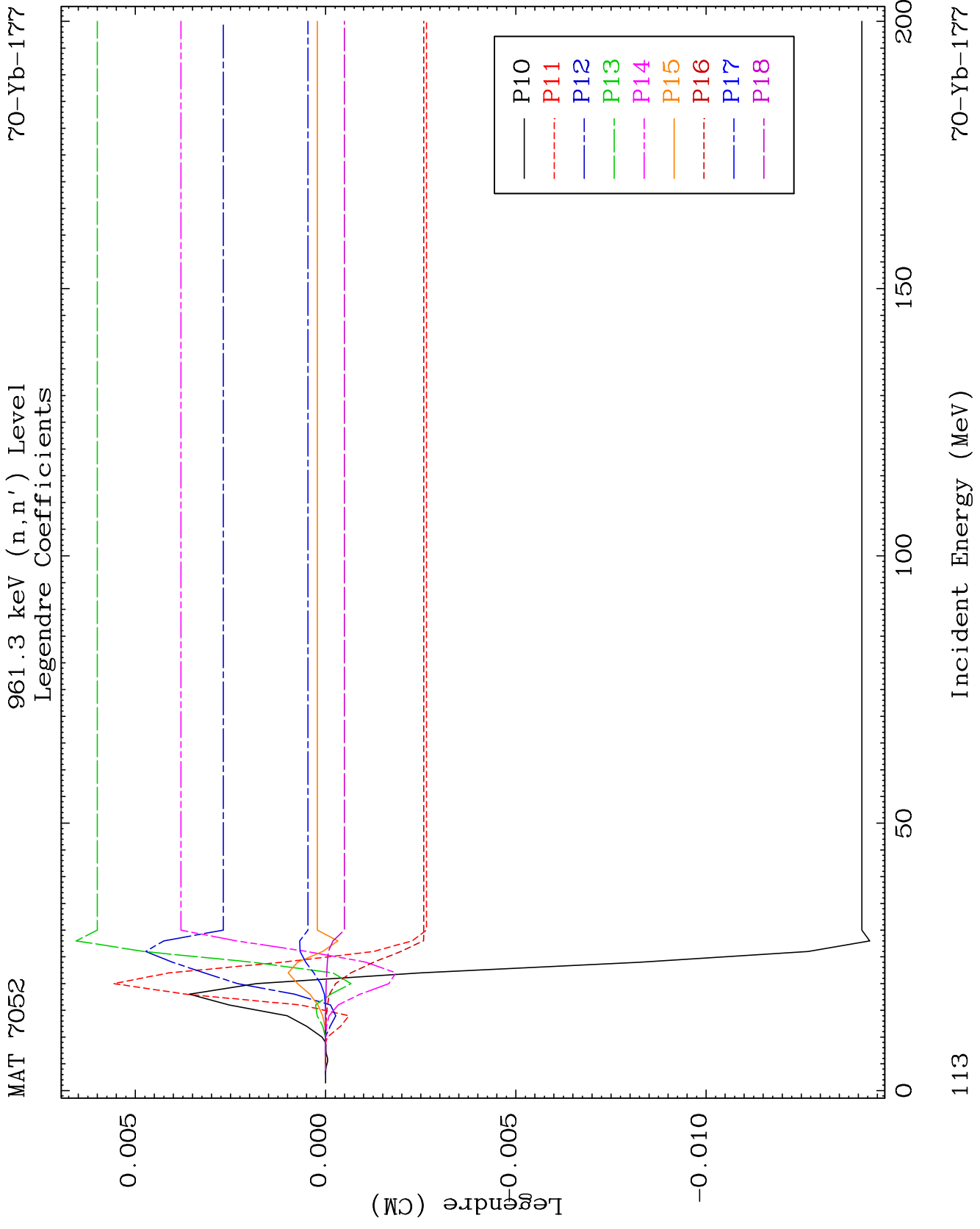
Incident Energy (MeV)

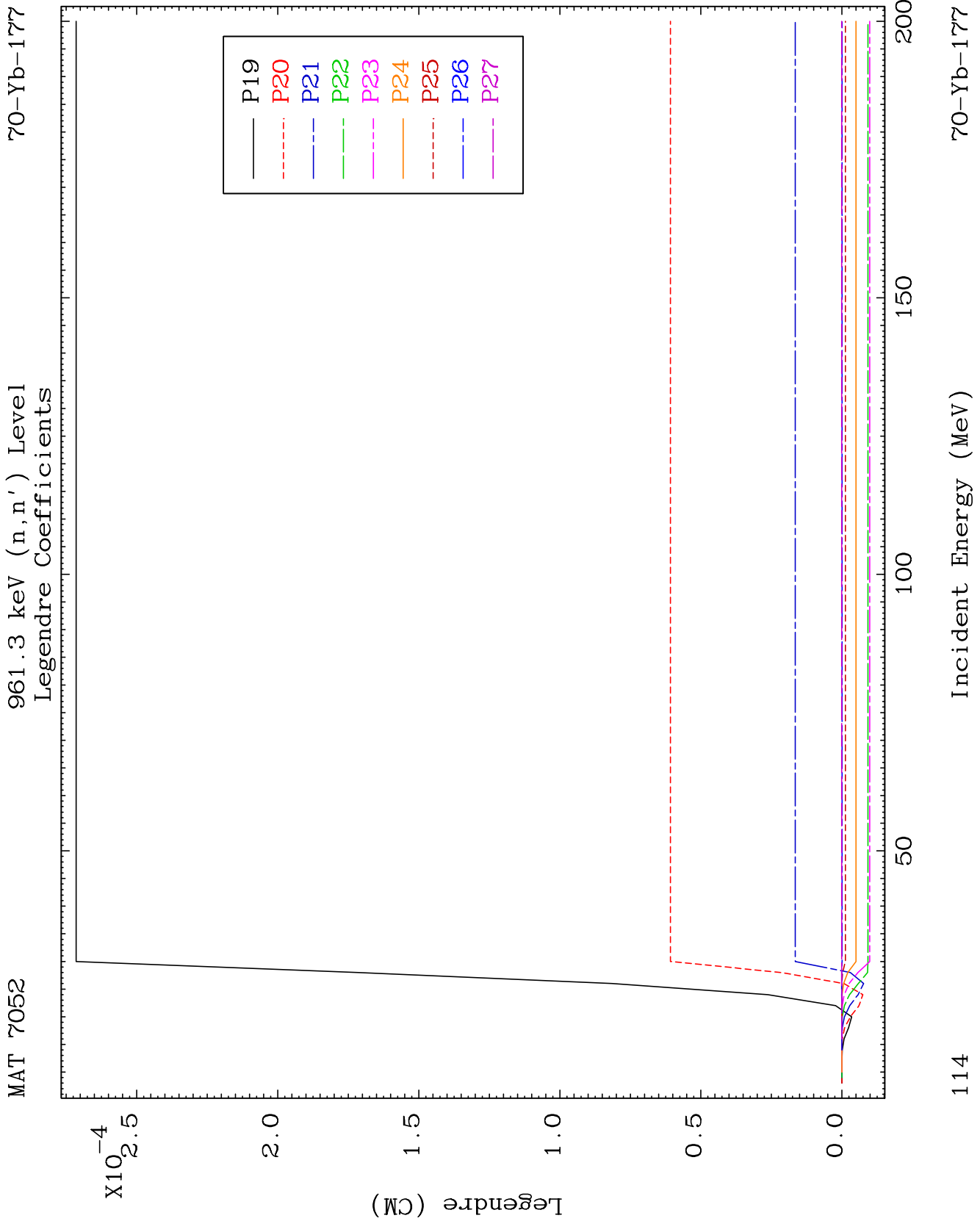
108







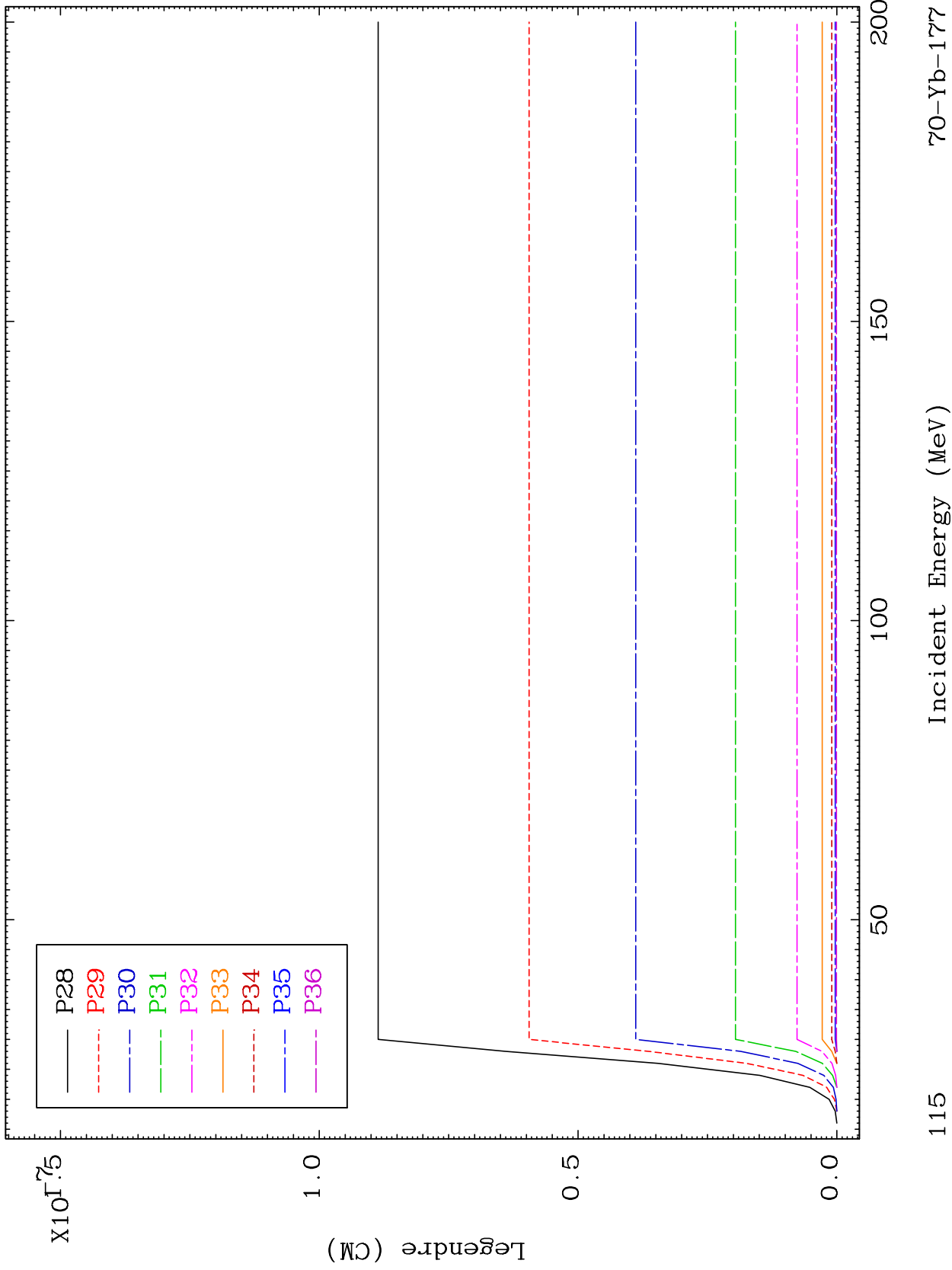




MAT 7052

961.3 keV (n,n') Level
Legendre Coefficients

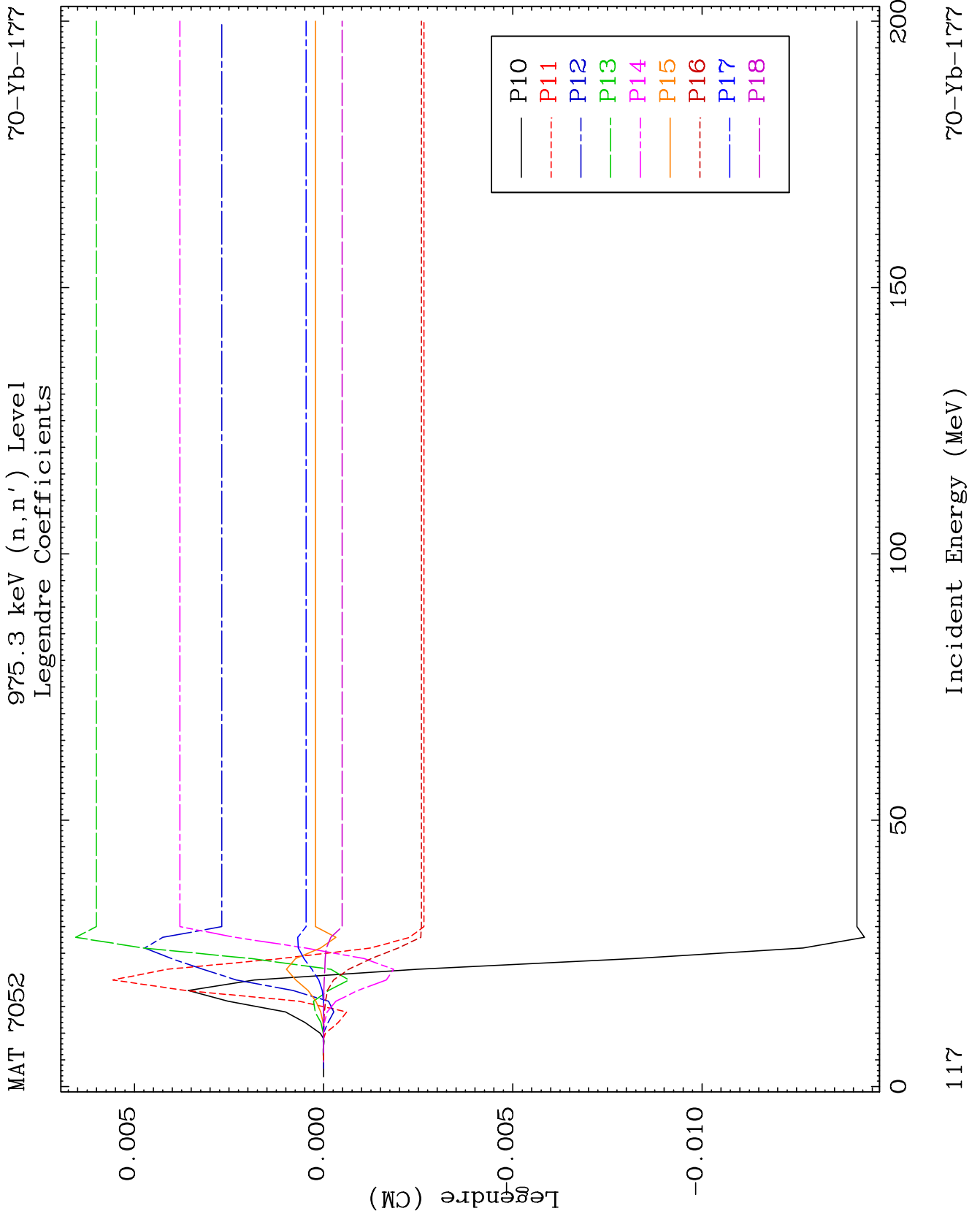
70-Yb-177

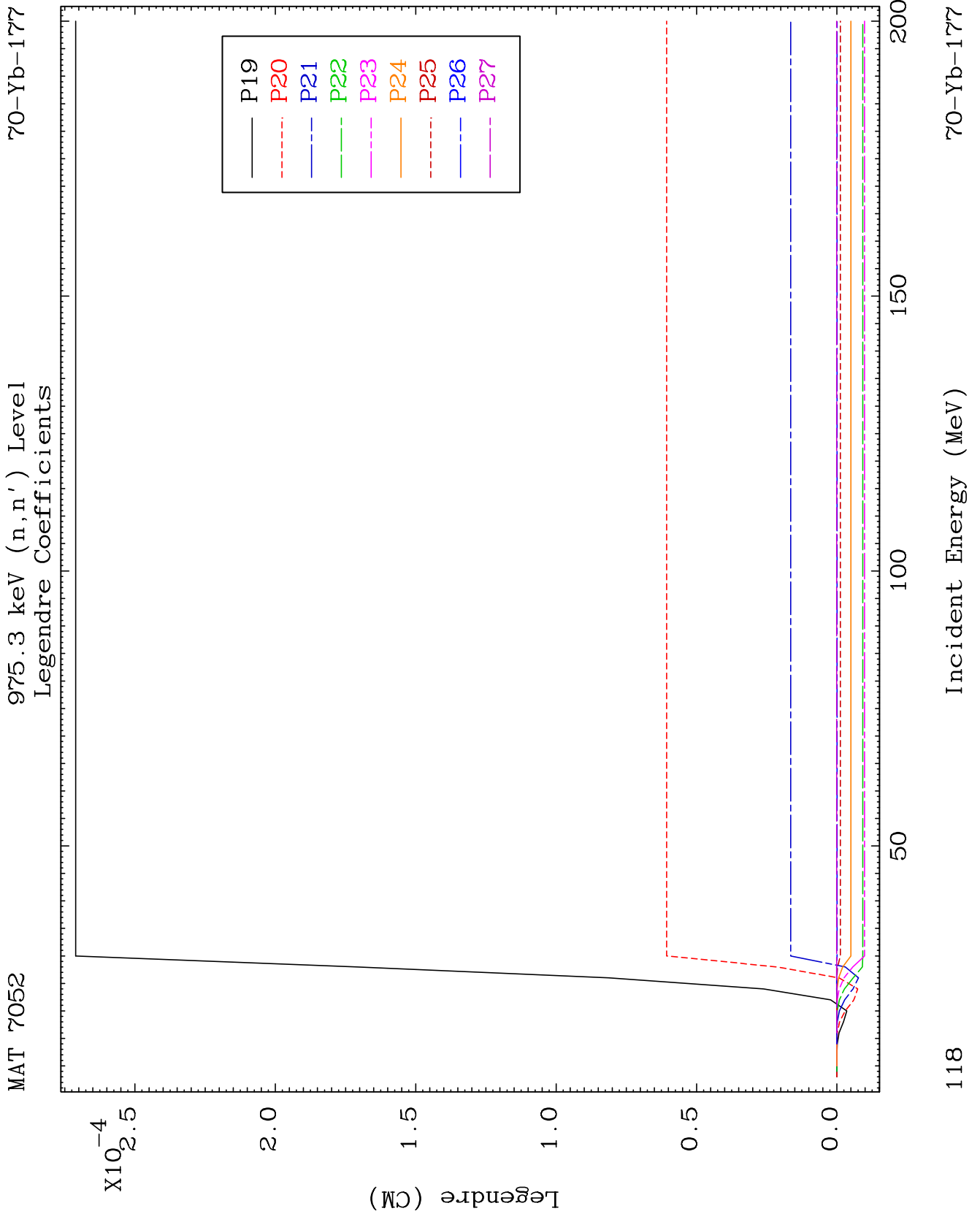


115

Incident Energy (MeV)

70-Yb-177

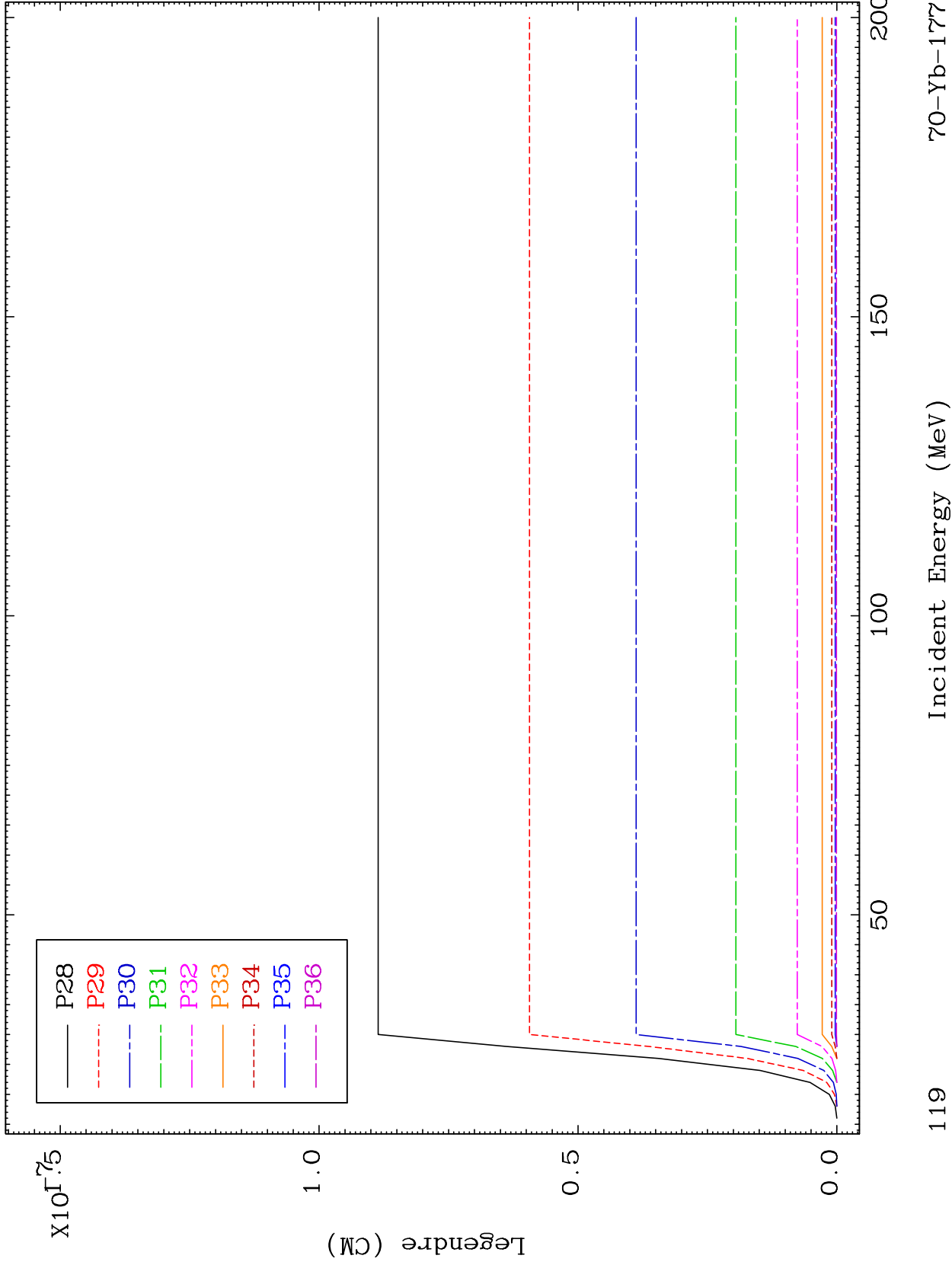




MAT 7052

975.3 keV (n,n') Level
Legendre Coefficients

70-Yb-177

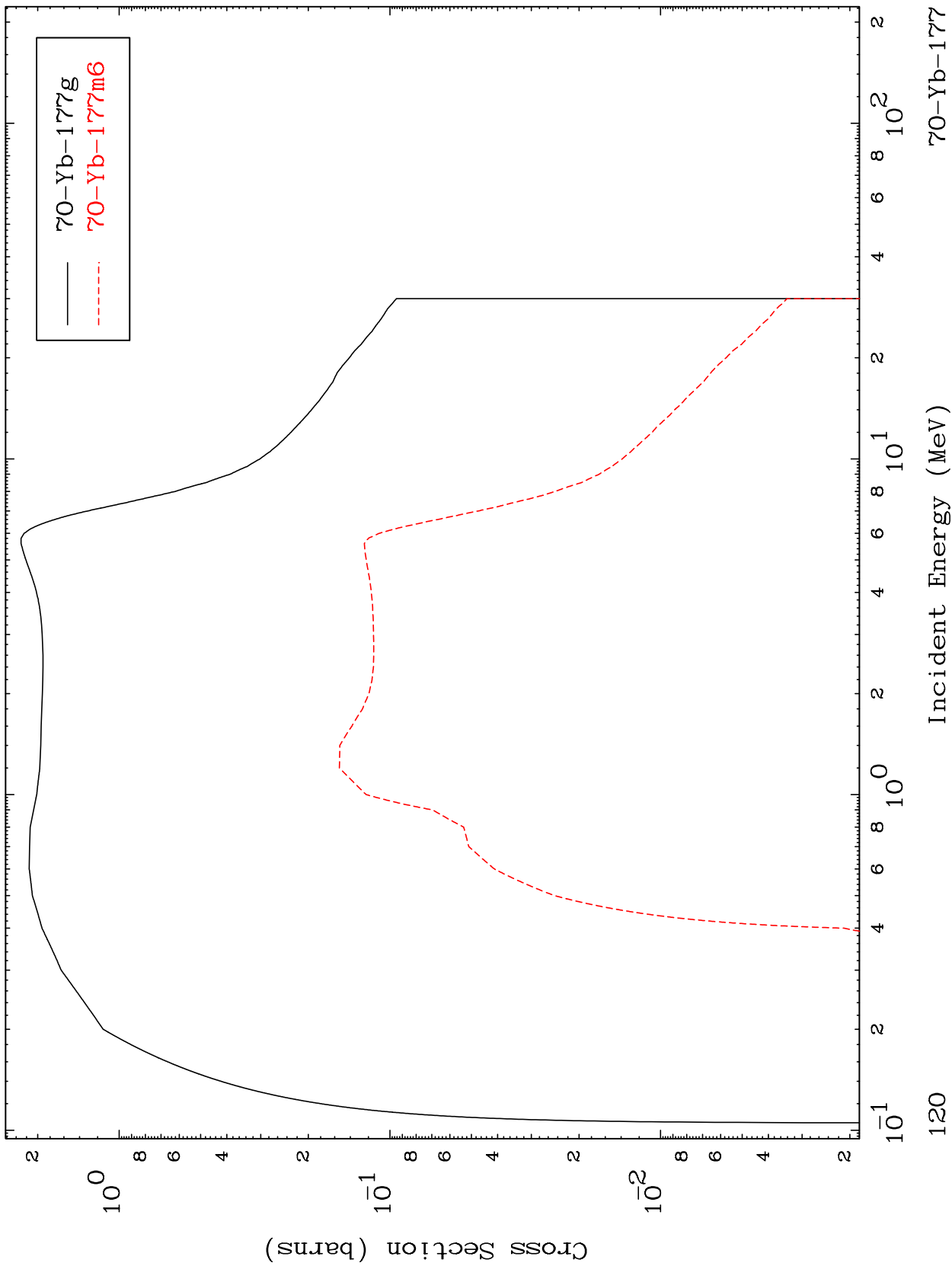


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MAT 7052

70-Yb-177

Inelastic
Radionuclide Production Cross Section



70-Yb-177

Incident Energy (MeV)

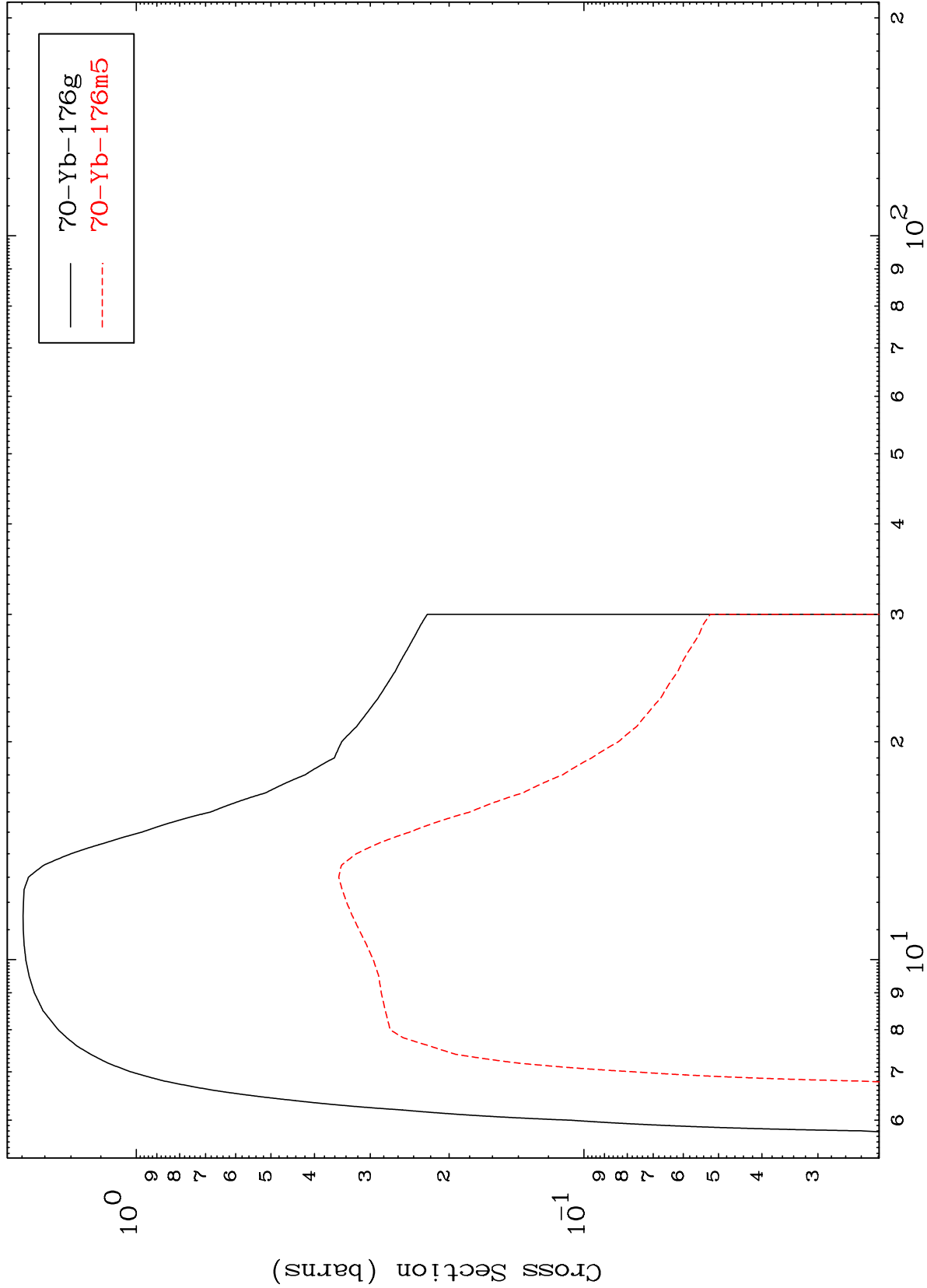
120

MAT 7052

(n,2n)

⁷⁰Yb-177

Radionuclide Production Cross Section



121

Incident Energy (MeV)

⁷⁰Yb-177