

Program EVALPLOT
(Version 2015-2)

by

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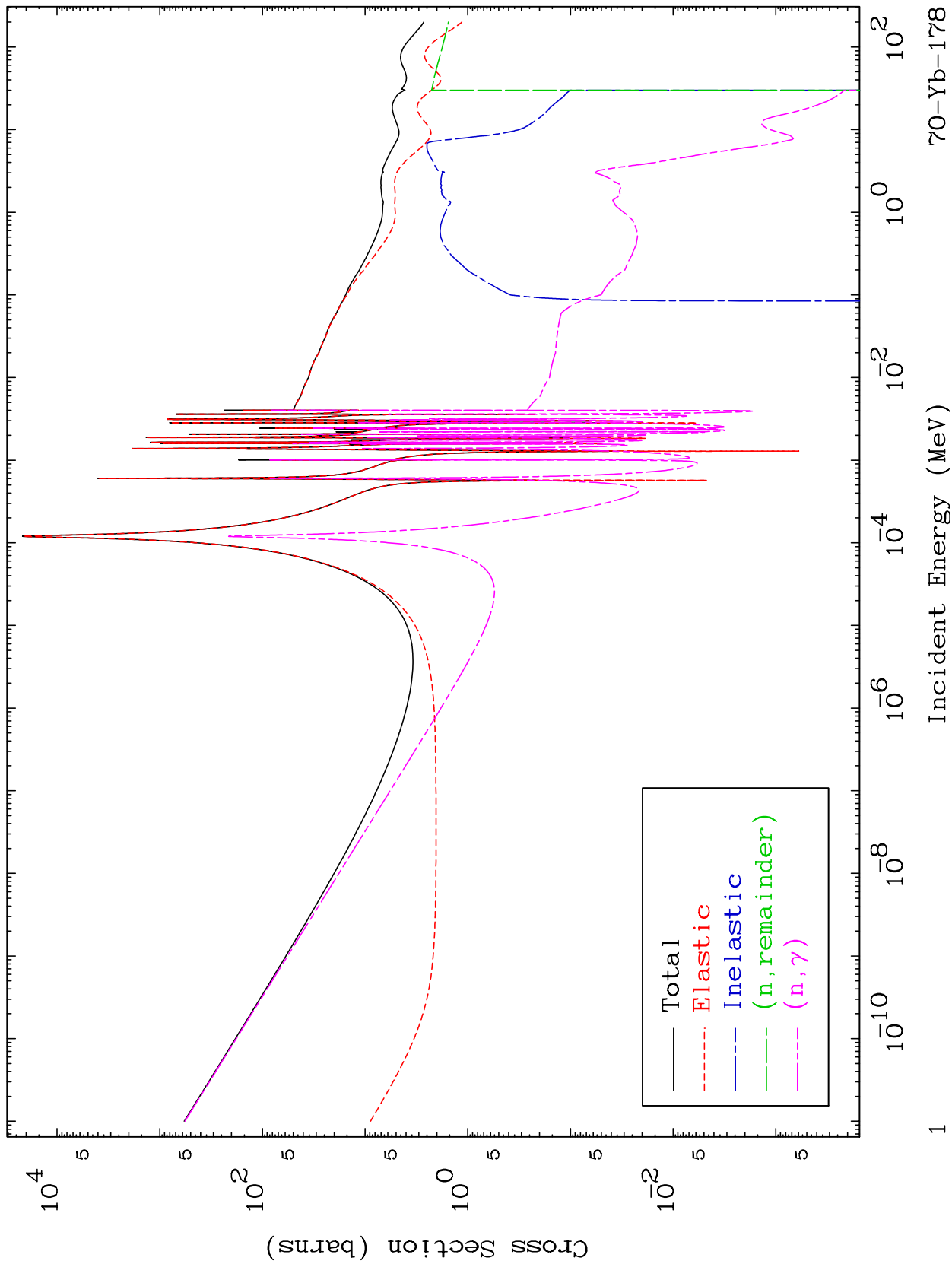
Press Mouse Button to Start

MAT 7055

Major

293 Kelvin Cross Sections

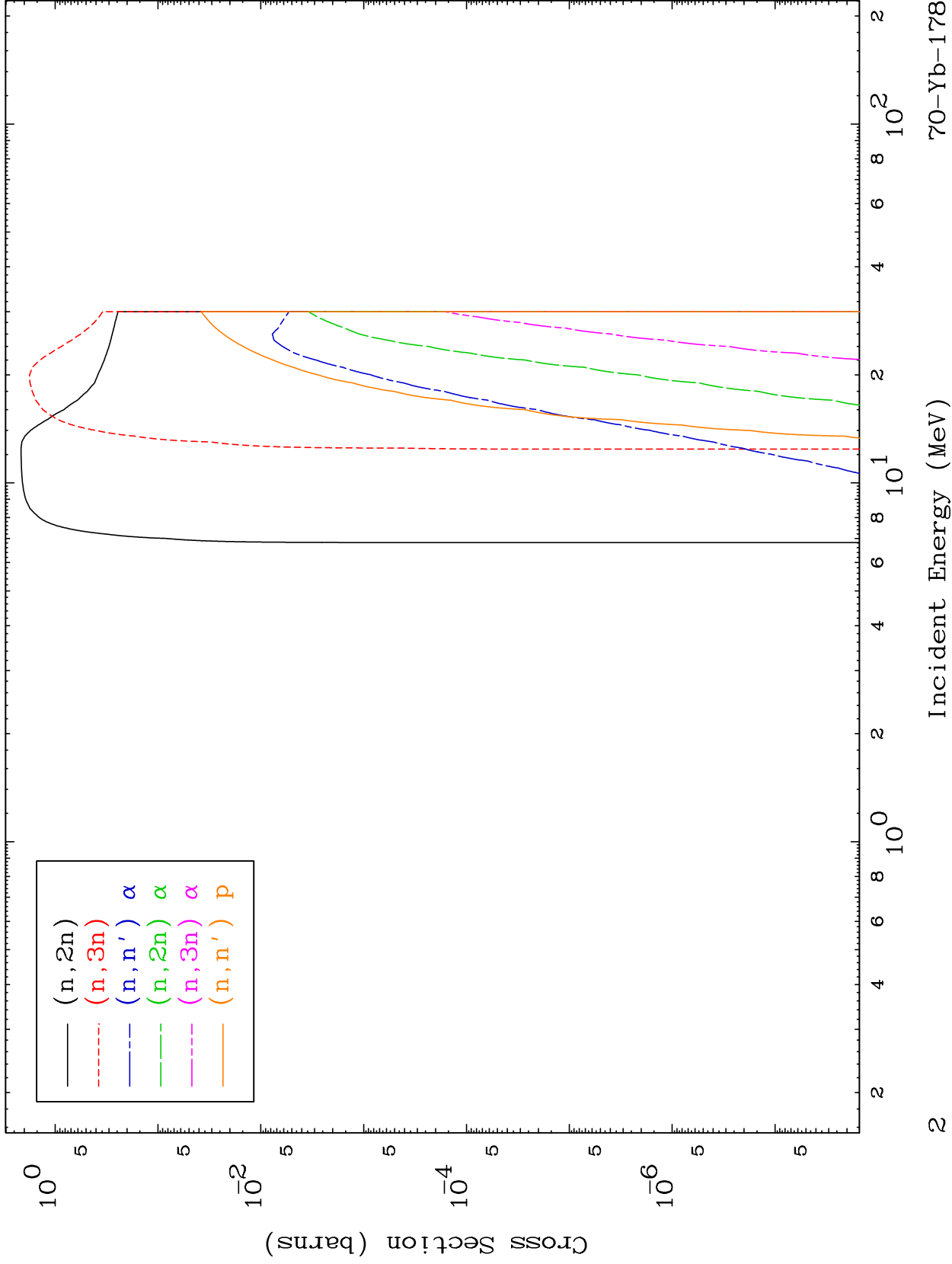
70-Yb-178

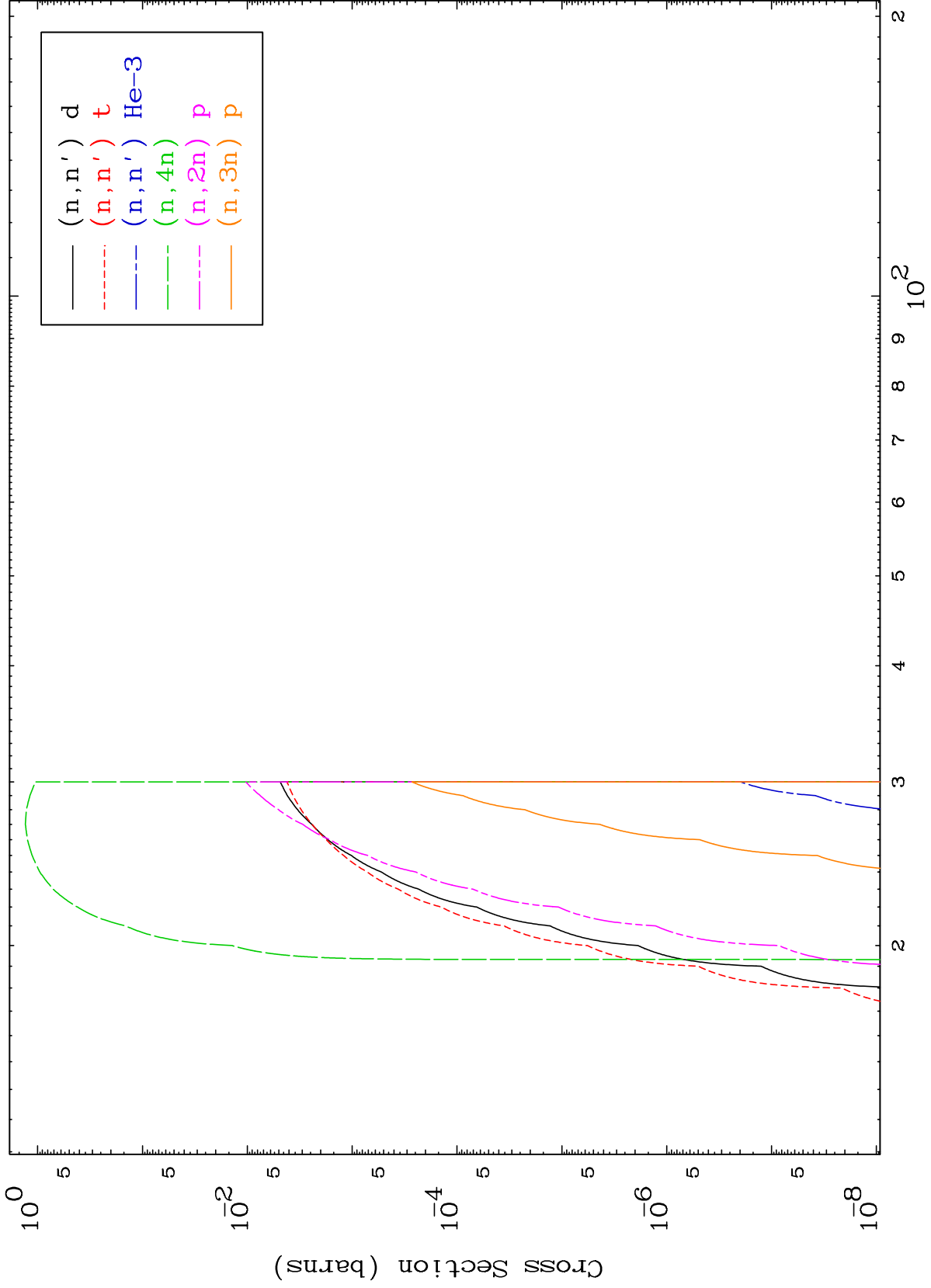


MAT 7055

Neutron Production
293 Kelvin Cross Sections

70-Yb-178

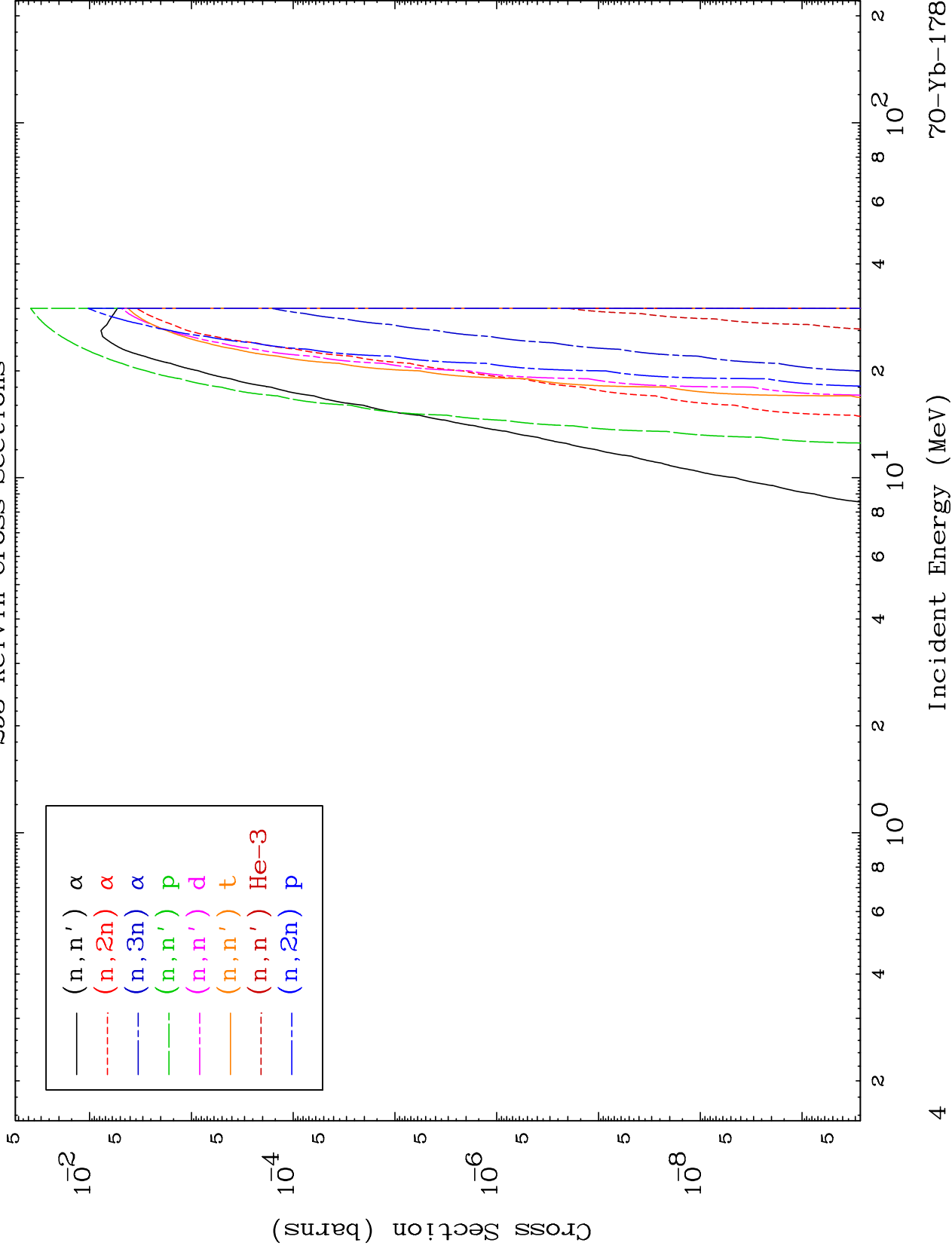




MAT 7055

Charged Particle
293 Kelvin Cross Sections

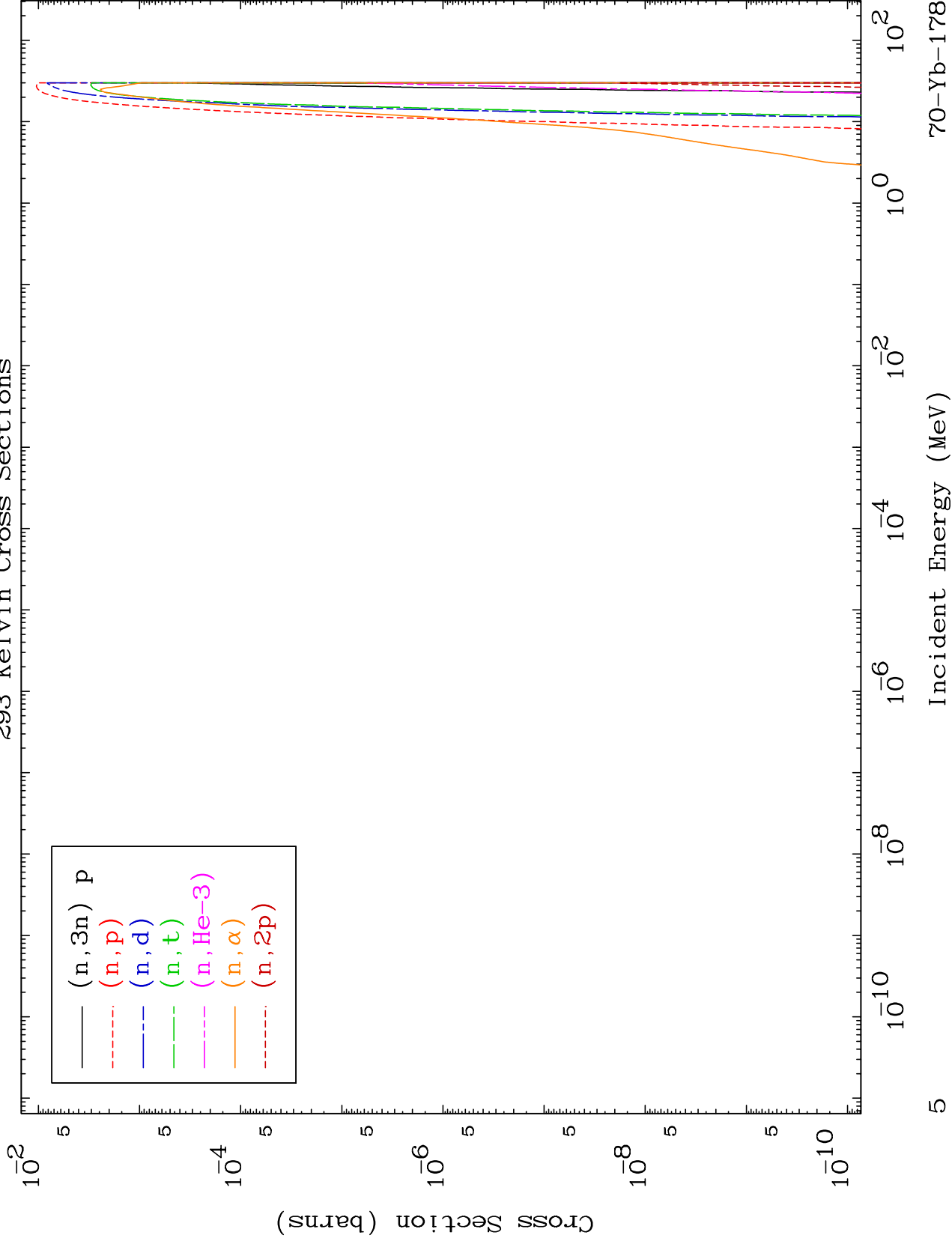
70-Yb-178



MAT 7055

Charged Particle
293 Kelvin Cross Sections

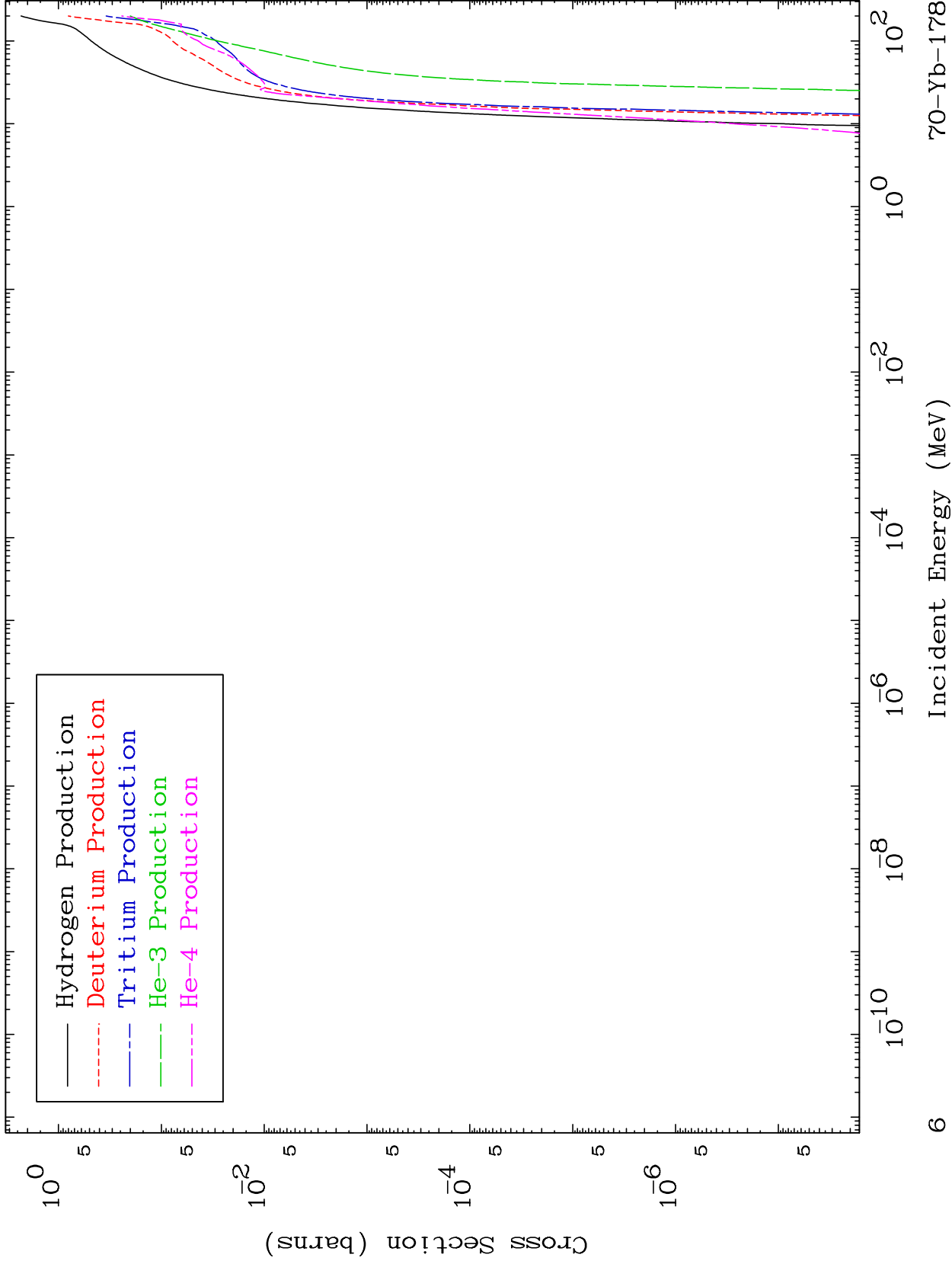
70-Yb-178



MAT 7055

Particle Production
293 Kelvin Cross Sections

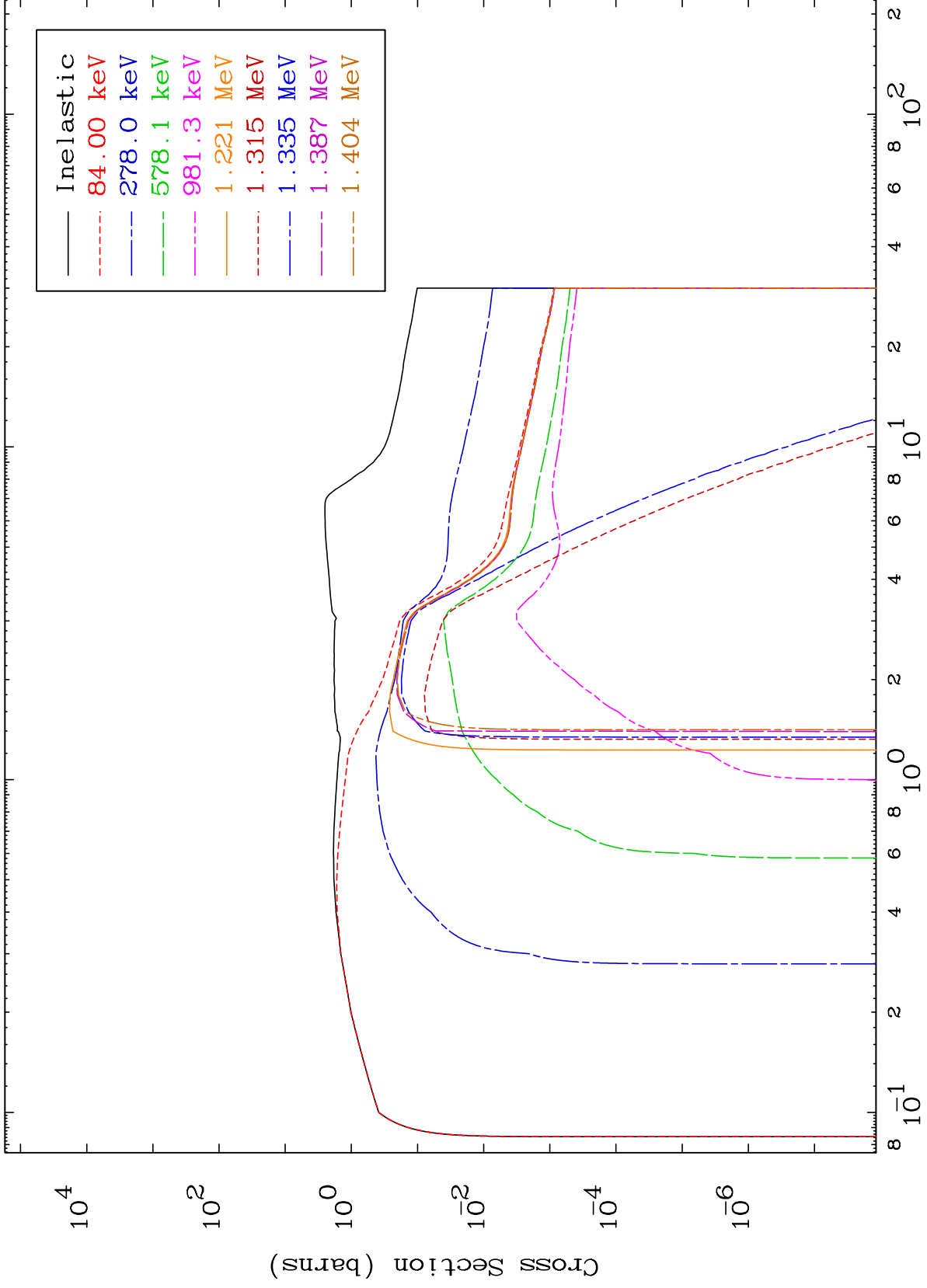
70-Yb-178



MAT 7055

(n,n') Level
293 Kelvin Cross Sections

70-Yb-178



7

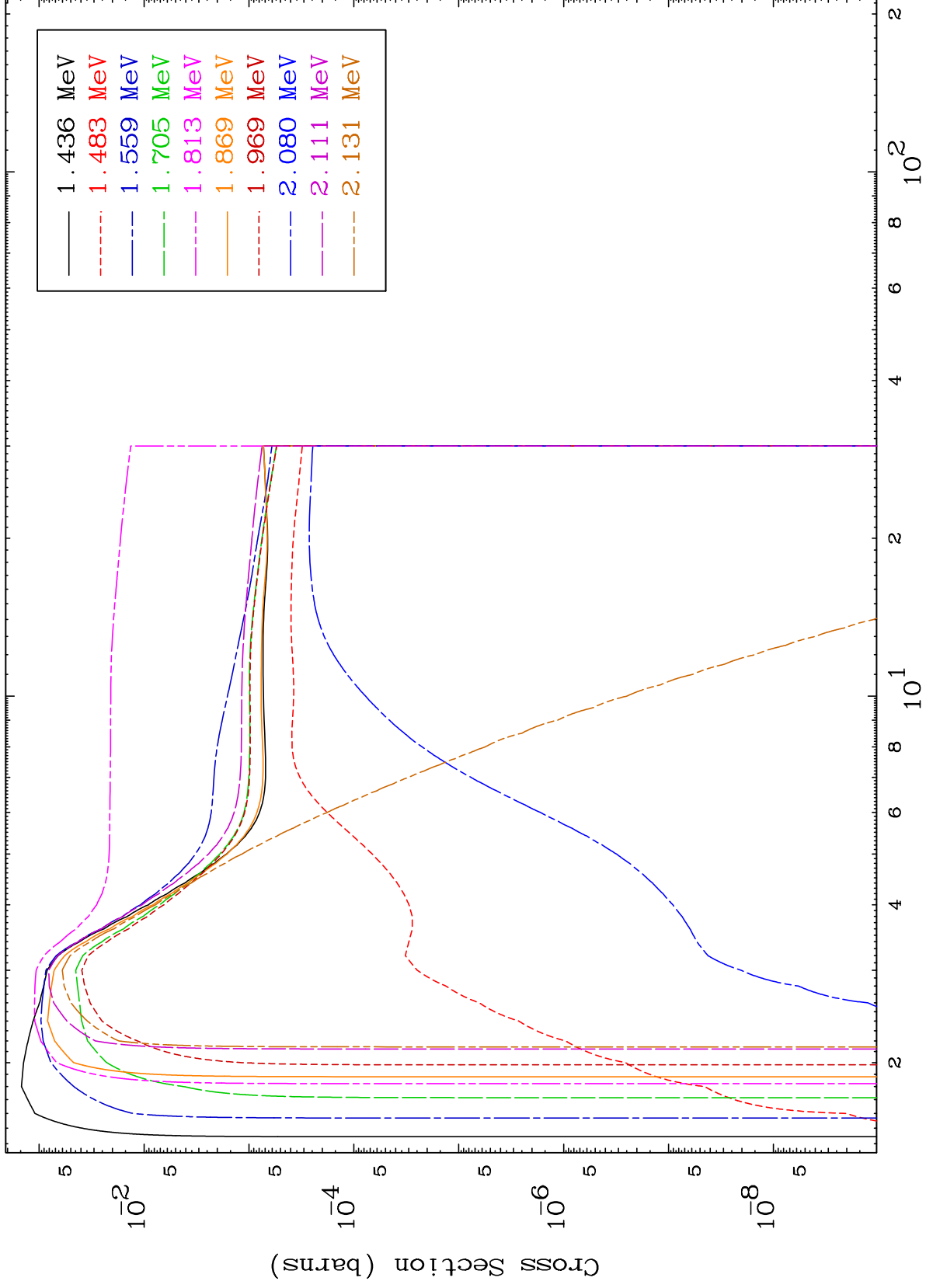
Incident Energy (MeV)

70-Yb-178

MAT 7055

(n,n') Level
293 Kelvin Cross Sections

70-Yb-178



8

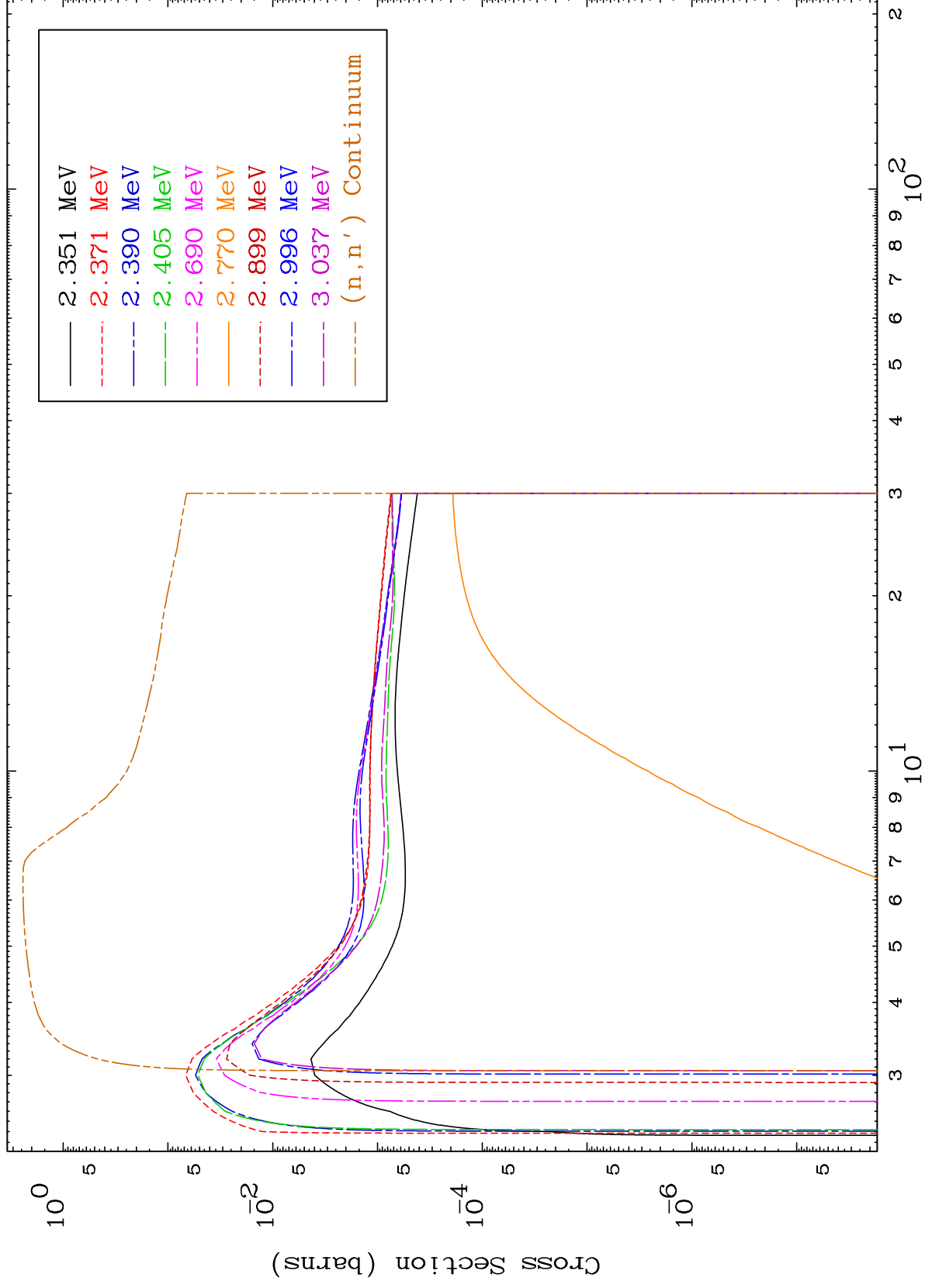
Incident Energy (MeV)

70-Yb-178

MAT 7055

(n,n') Level
293 Kelvin Cross Sections

70-Yb-178



9

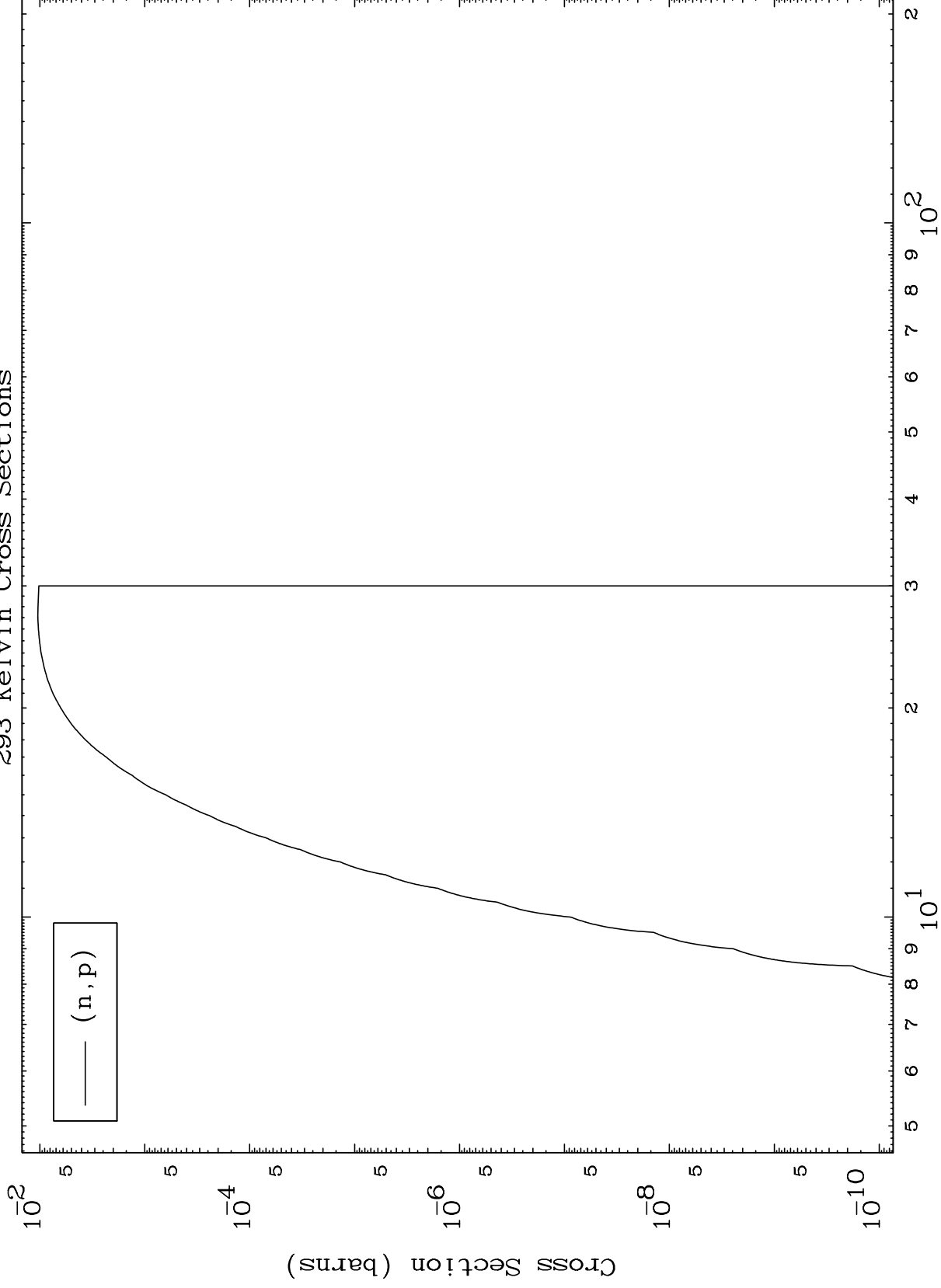
Incident Energy (MeV)

70-Yb-178

MAT 7055

(n,p) Levels
293 Kelvin Cross Sections

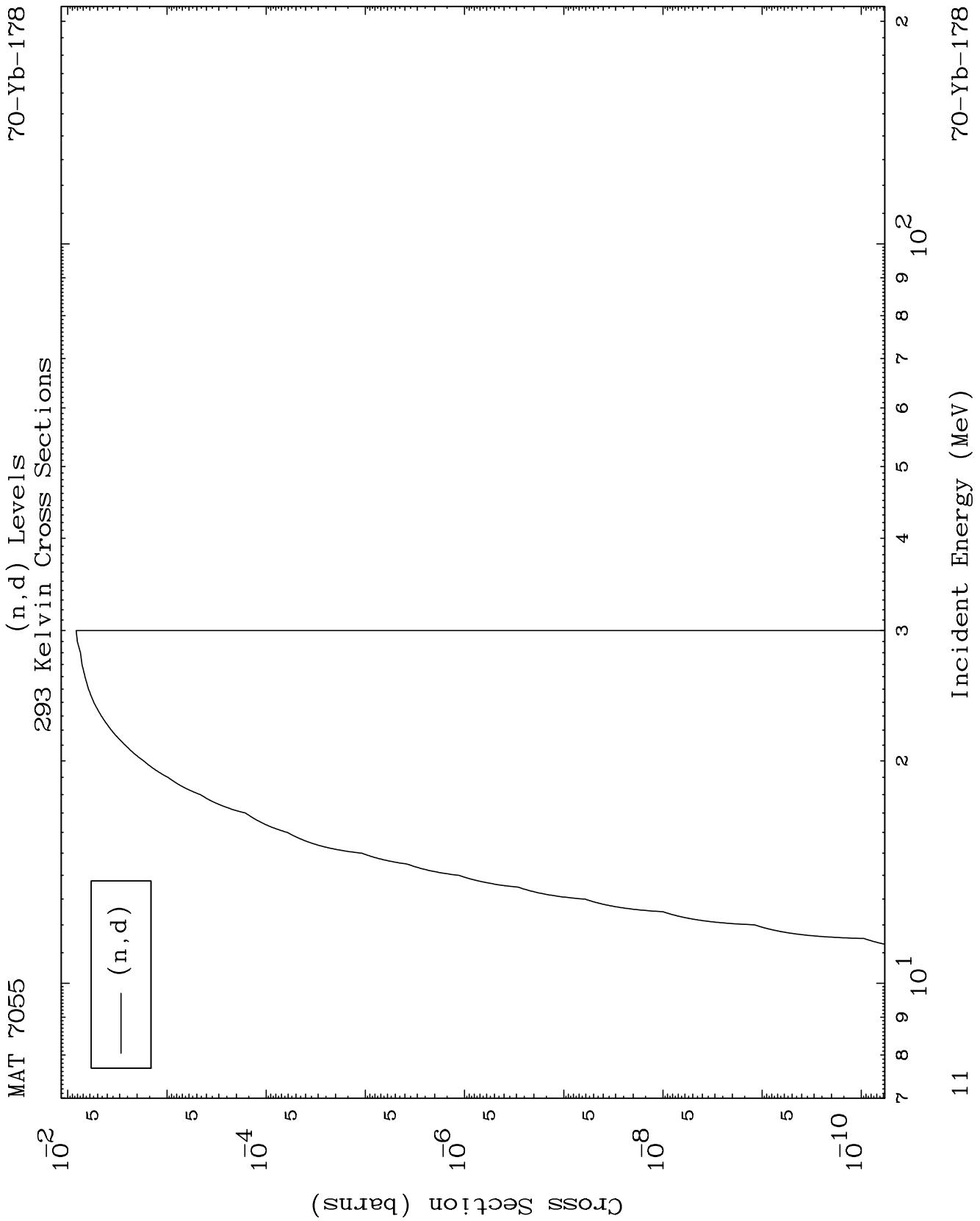
70-Yb-178



10

Incident Energy (MeV)

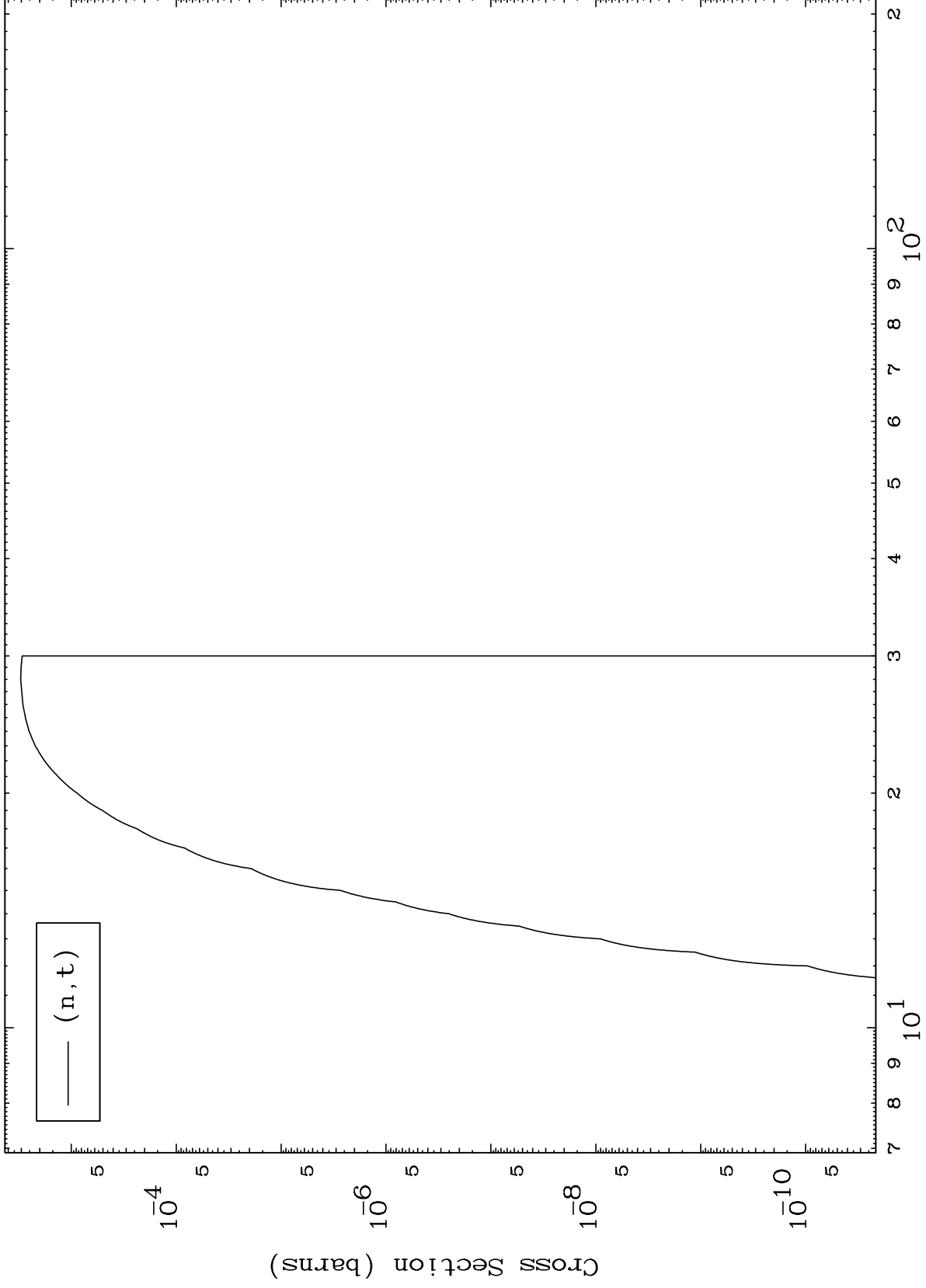
70-Yb-178



MAT 7055

(n,t) Levels
293 Kelvin Cross Sections

70-Yb-178



12

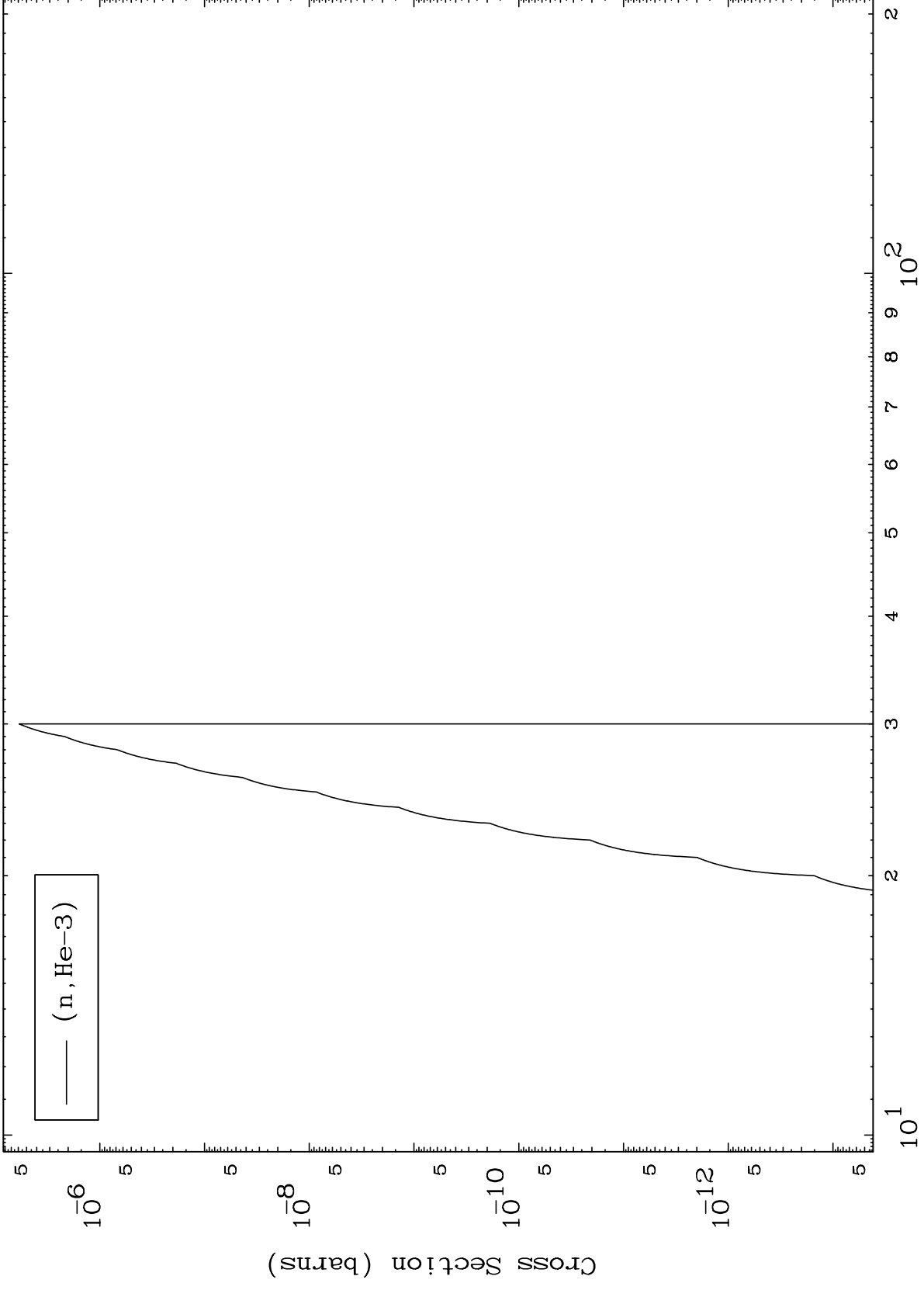
Incident Energy (MeV)

70-Yb-178

MAT 7055

(n,He3) Levels
293 Kelvin Cross Sections

70-Yb-178



13

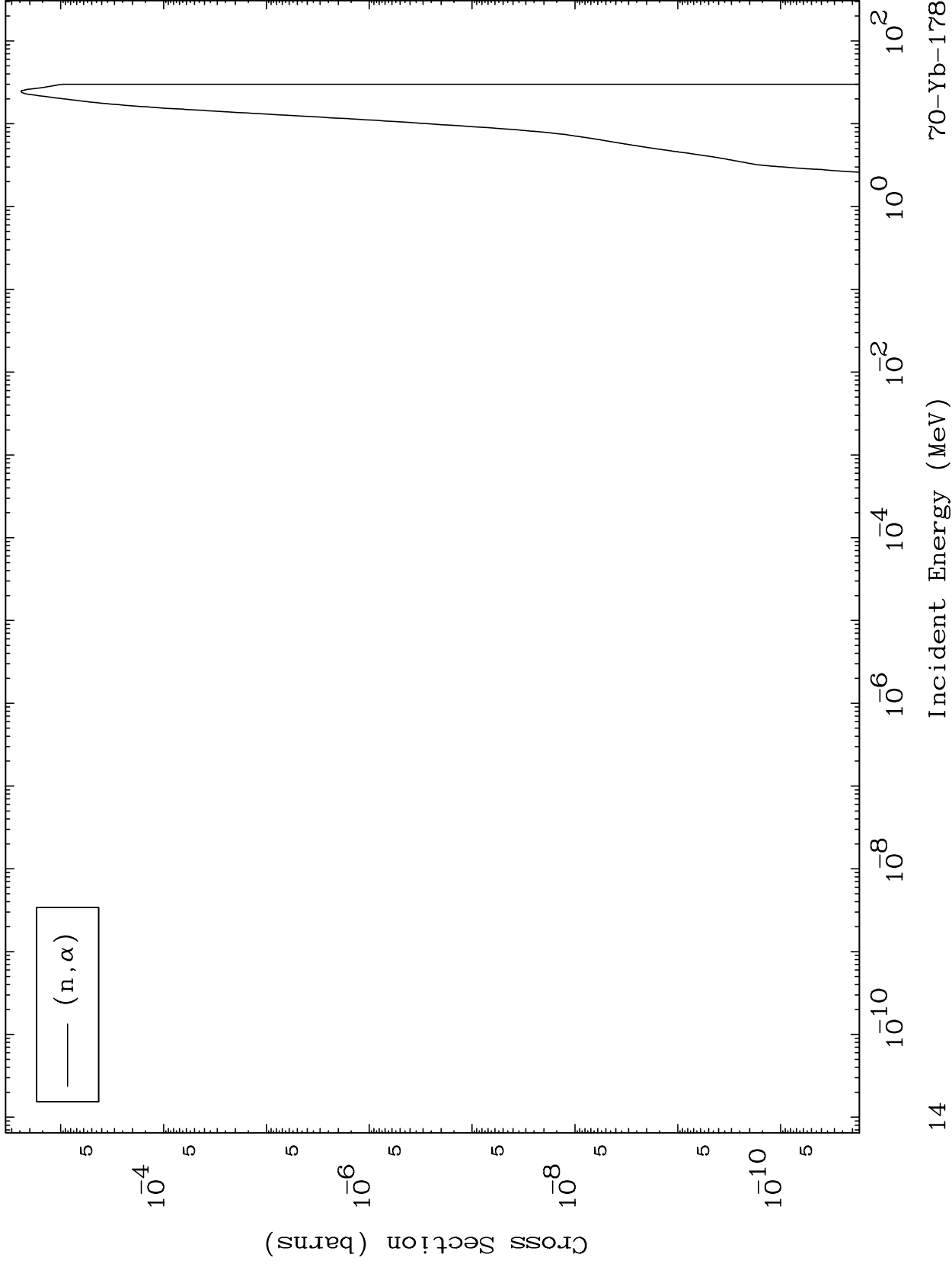
Incident Energy (MeV)

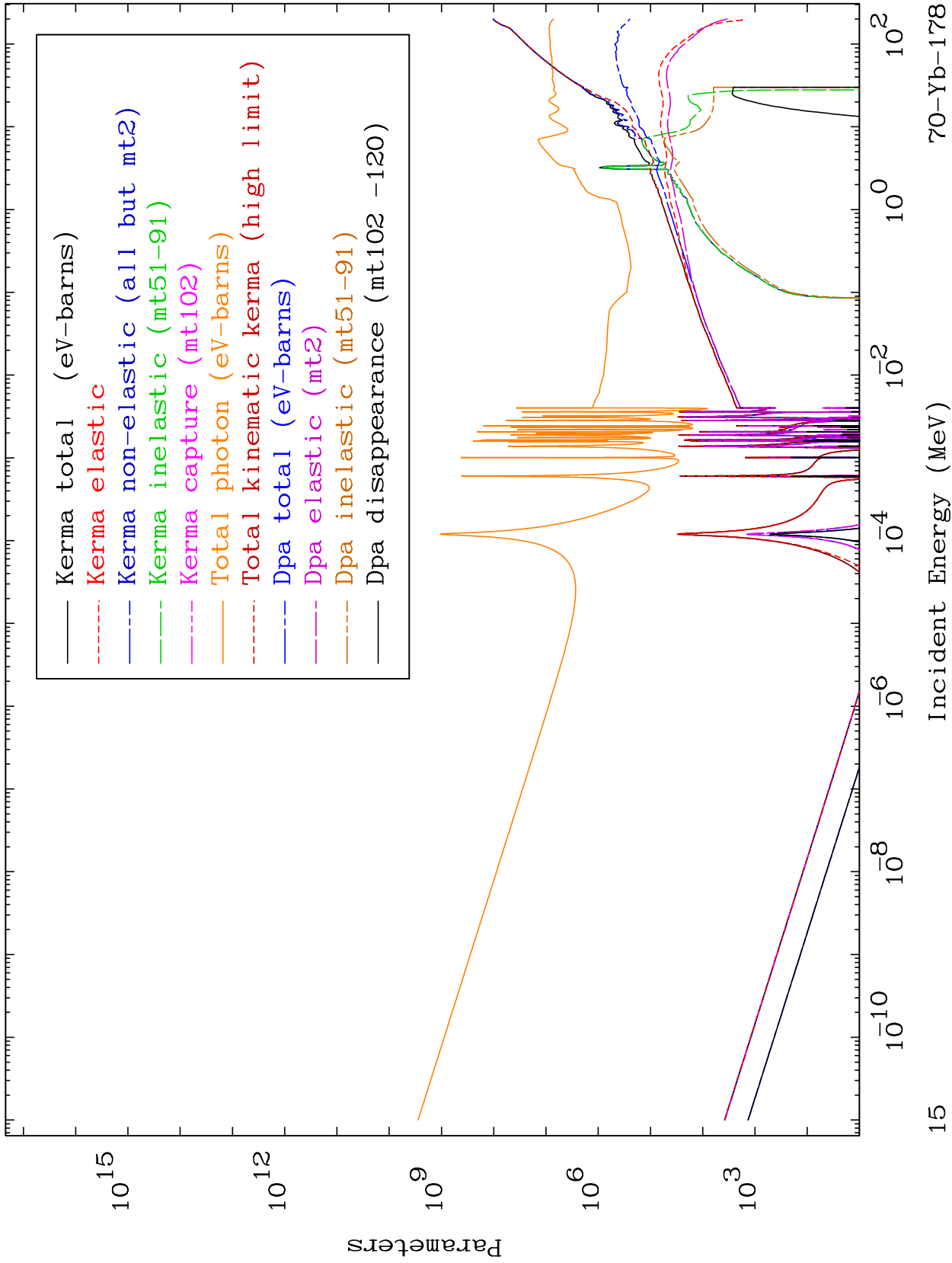
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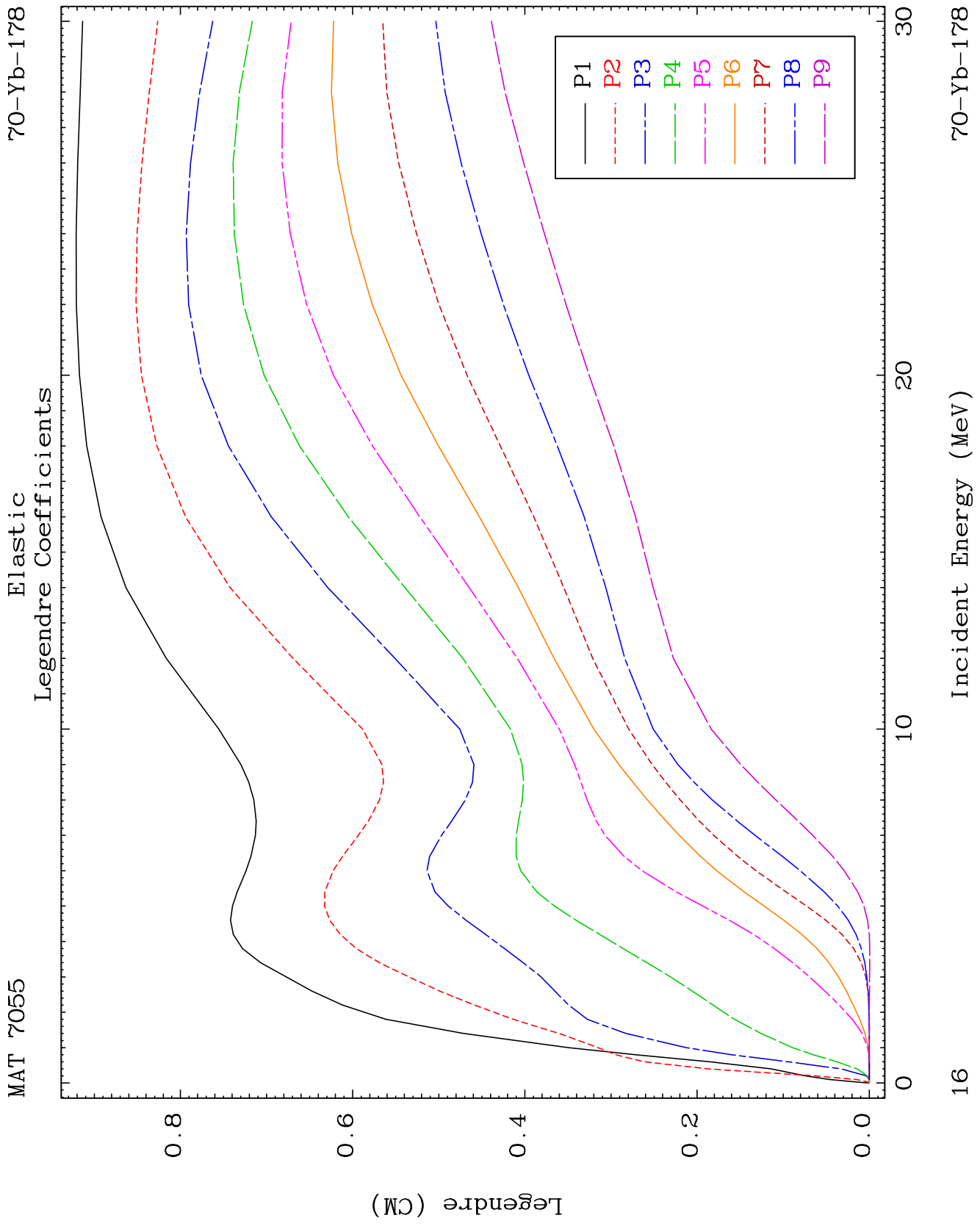
MAT 7055

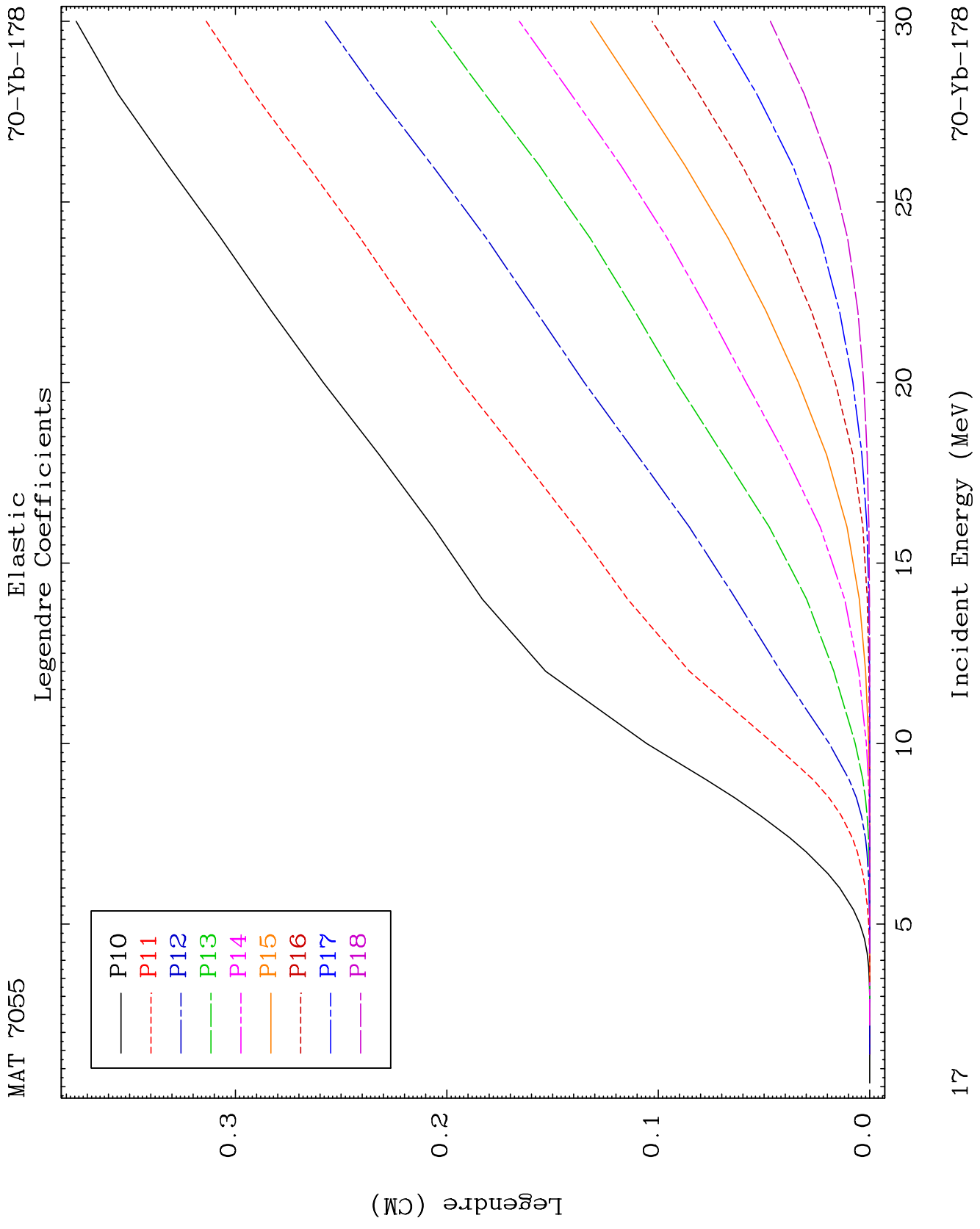
(n, α) Levels
293 Kelvin Cross Sections

70-Yb-178





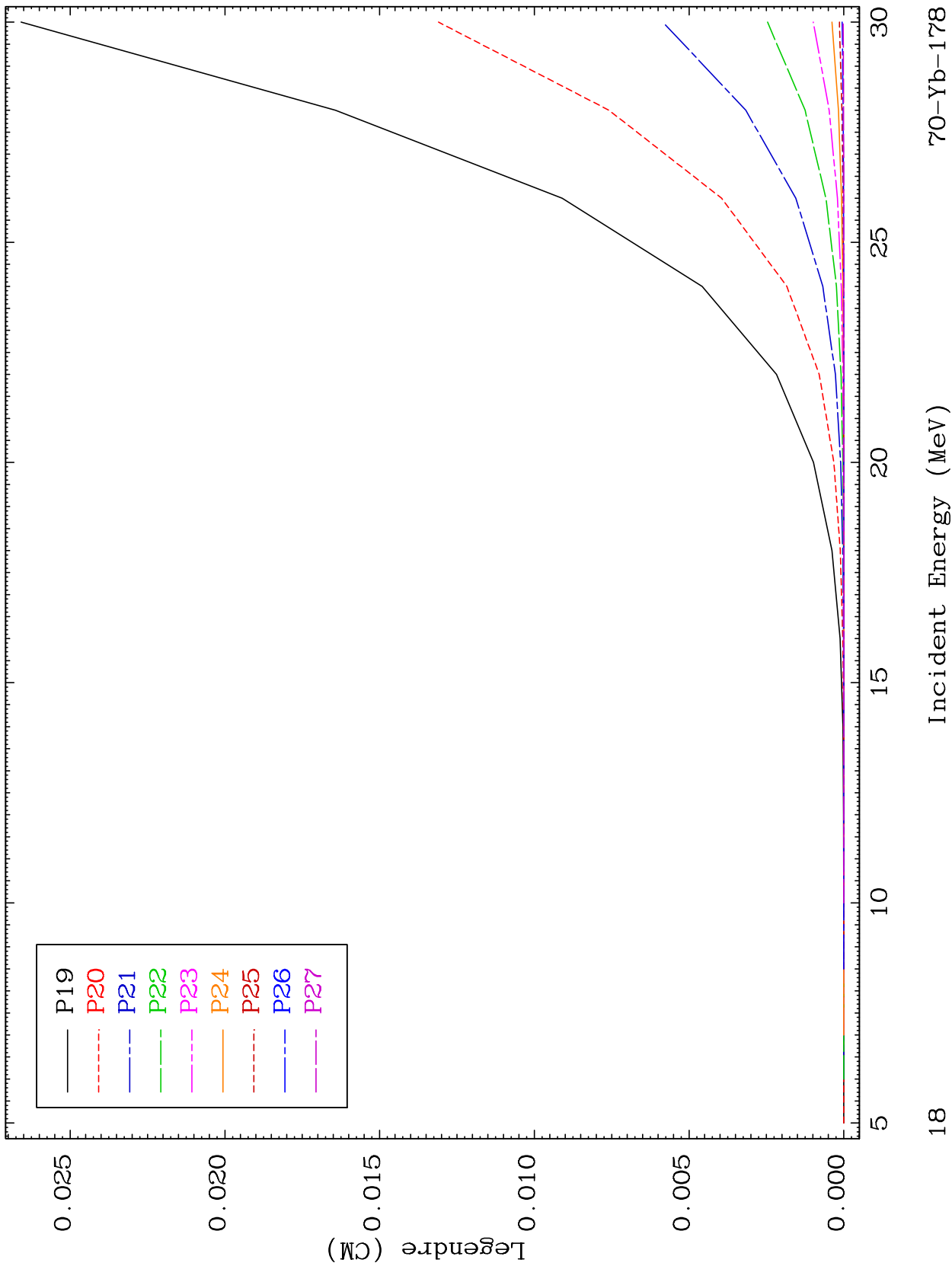




MAT 7055

Elastic
Legendre Coefficients

70-Yb-178



18

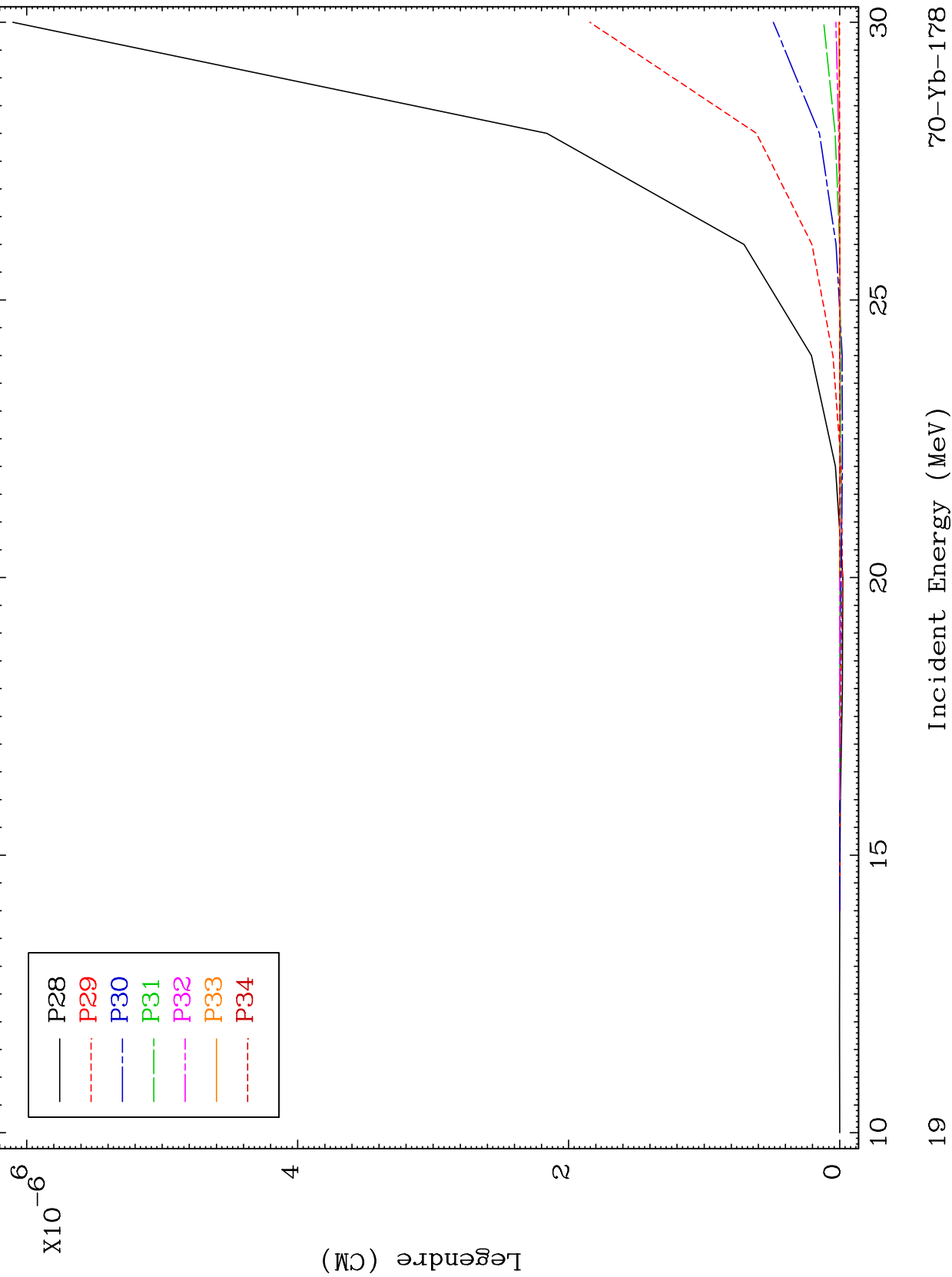
Incident Energy (MeV)

70-Yb-178

MAT 7055

Elastic Legendre Coefficients

70-Yb-178



19

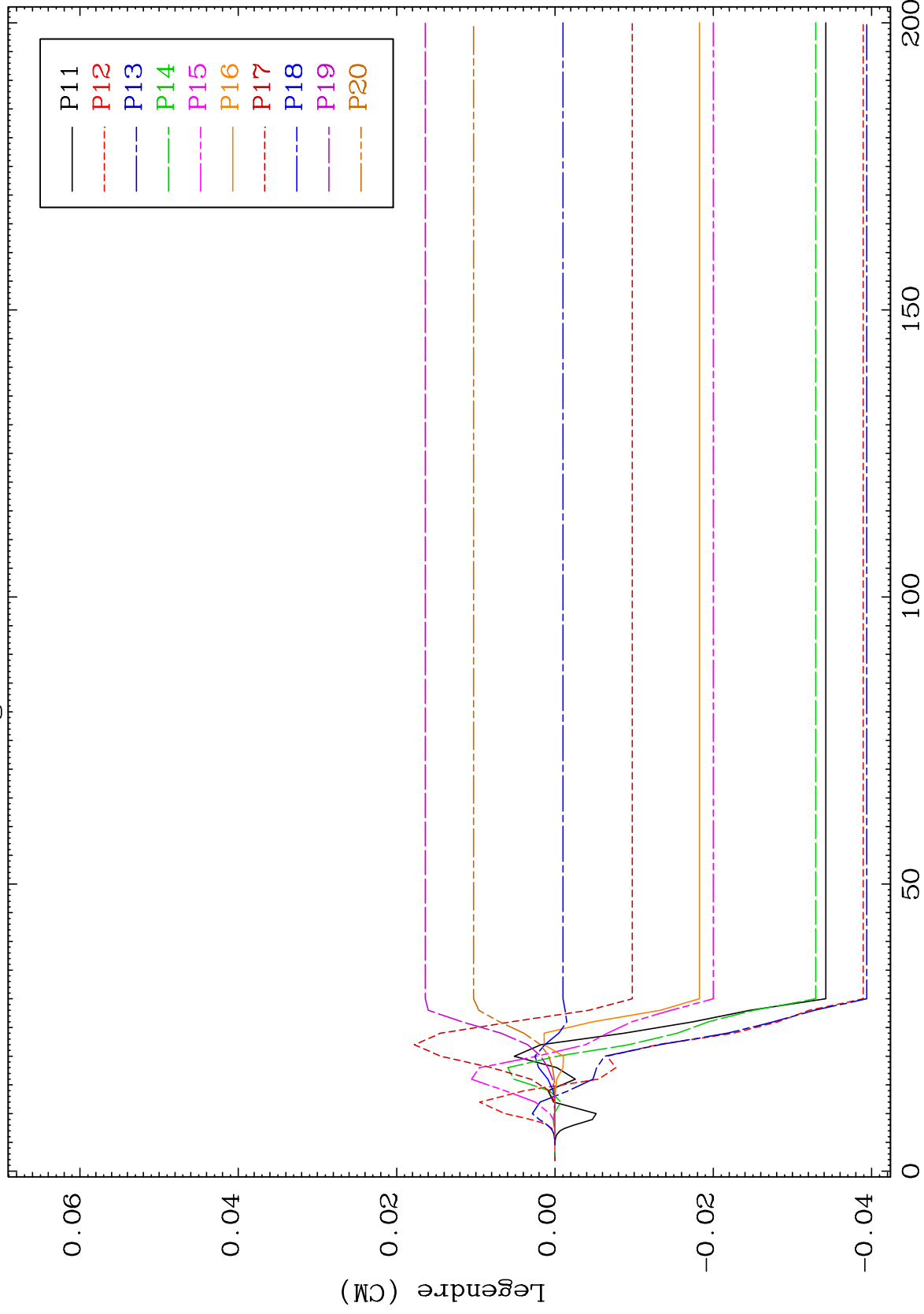
Incident Energy (MeV)

70-Yb-178

MAT 7055

84.00 keV (n,n') Level
Legendre Coefficients

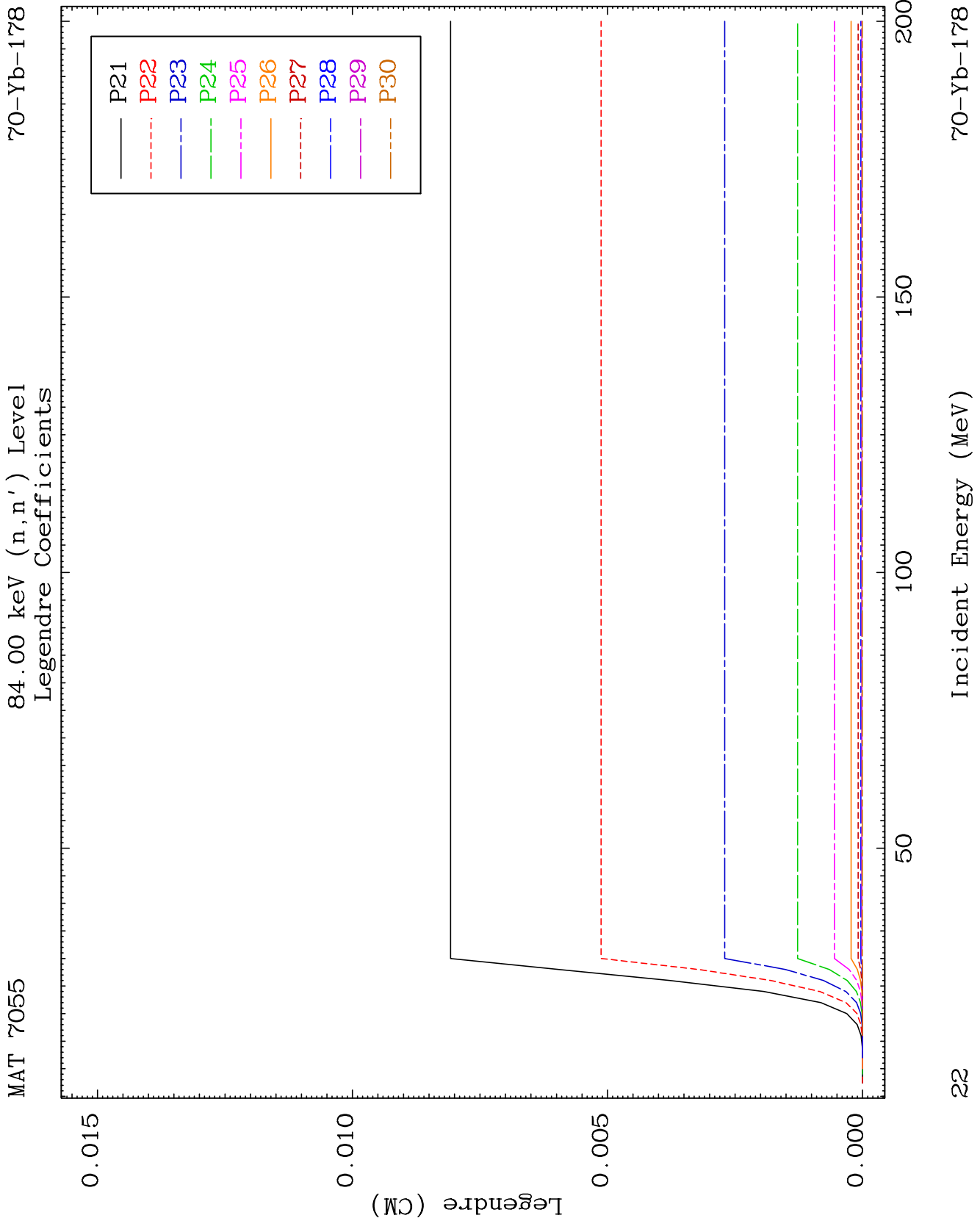
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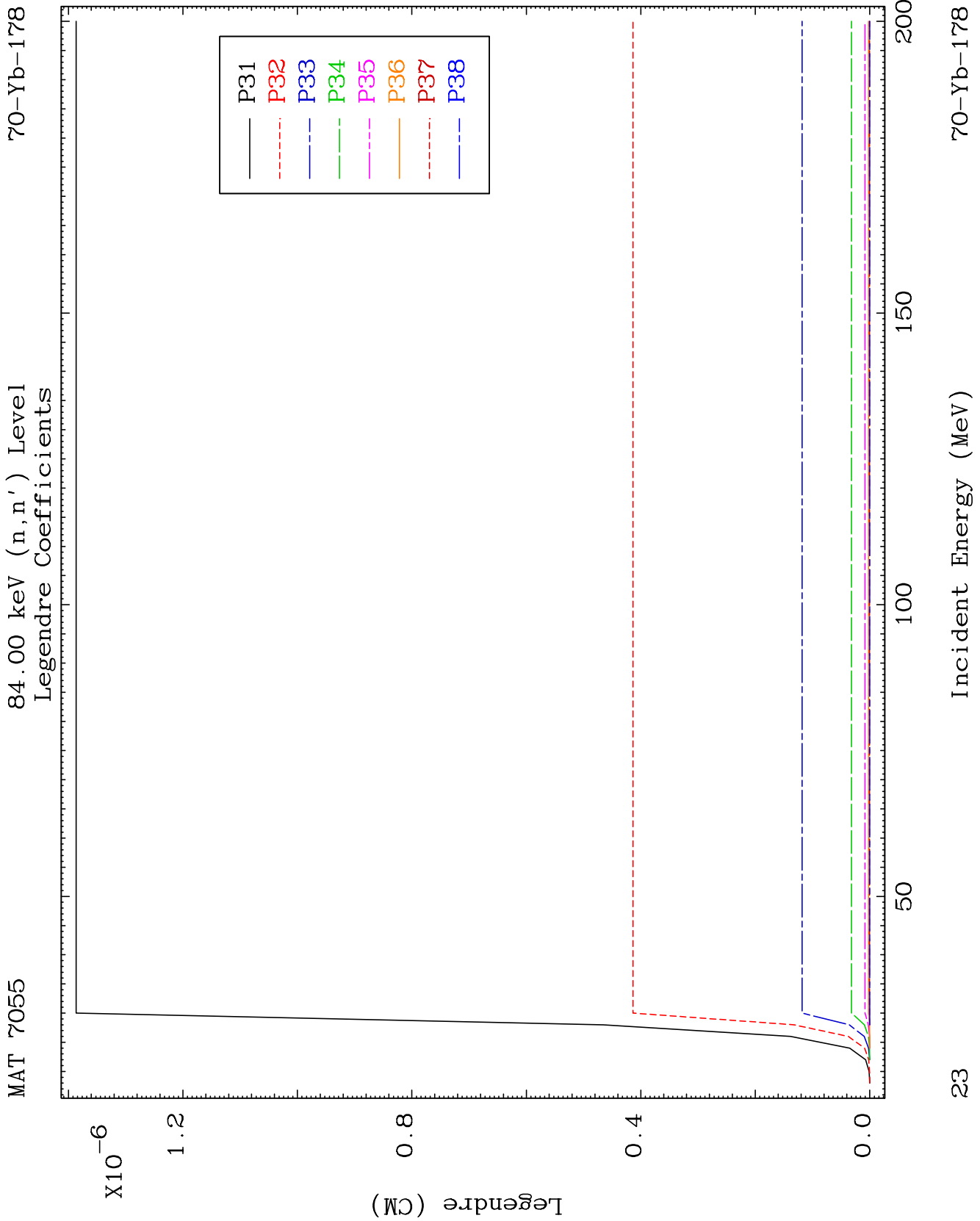


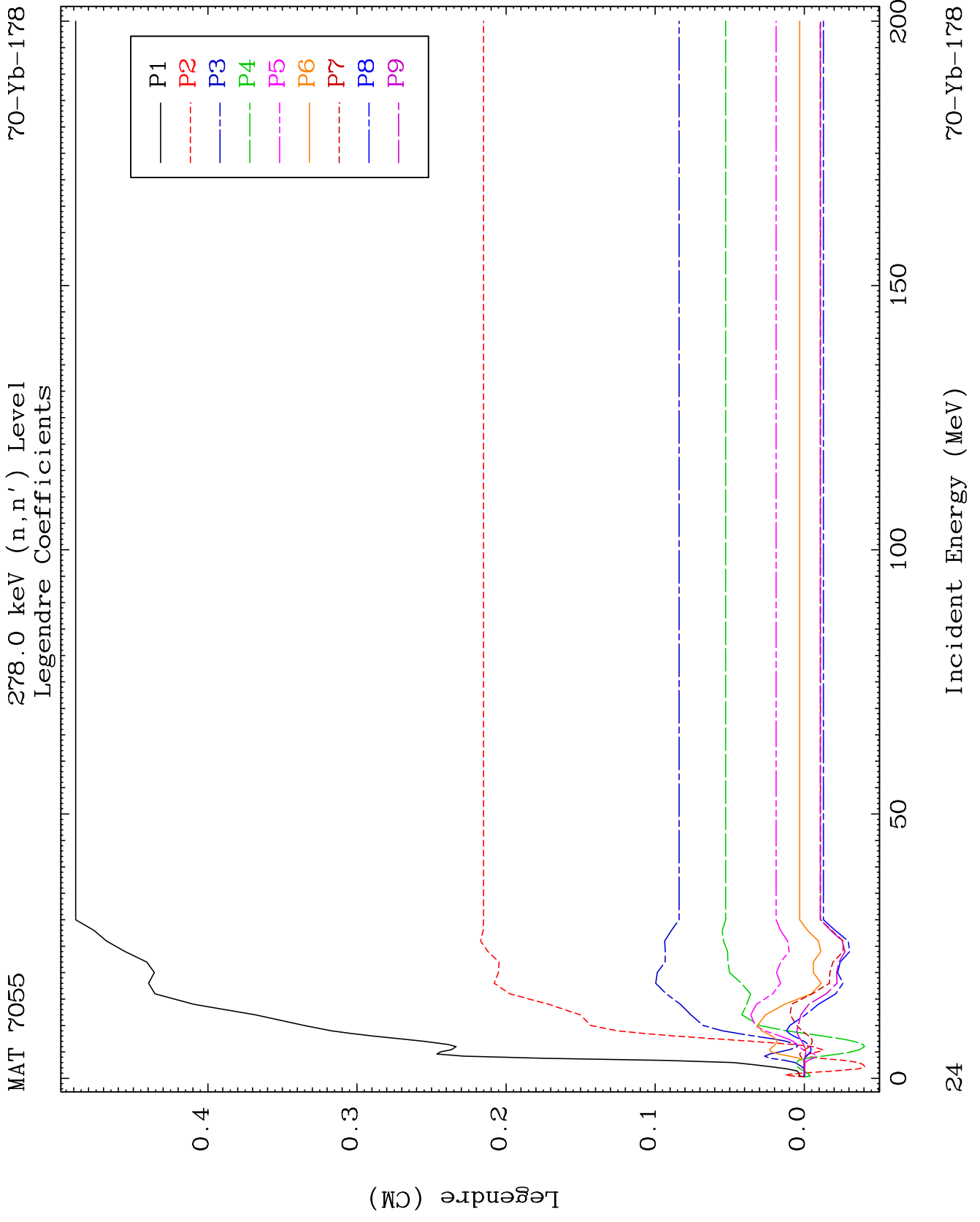
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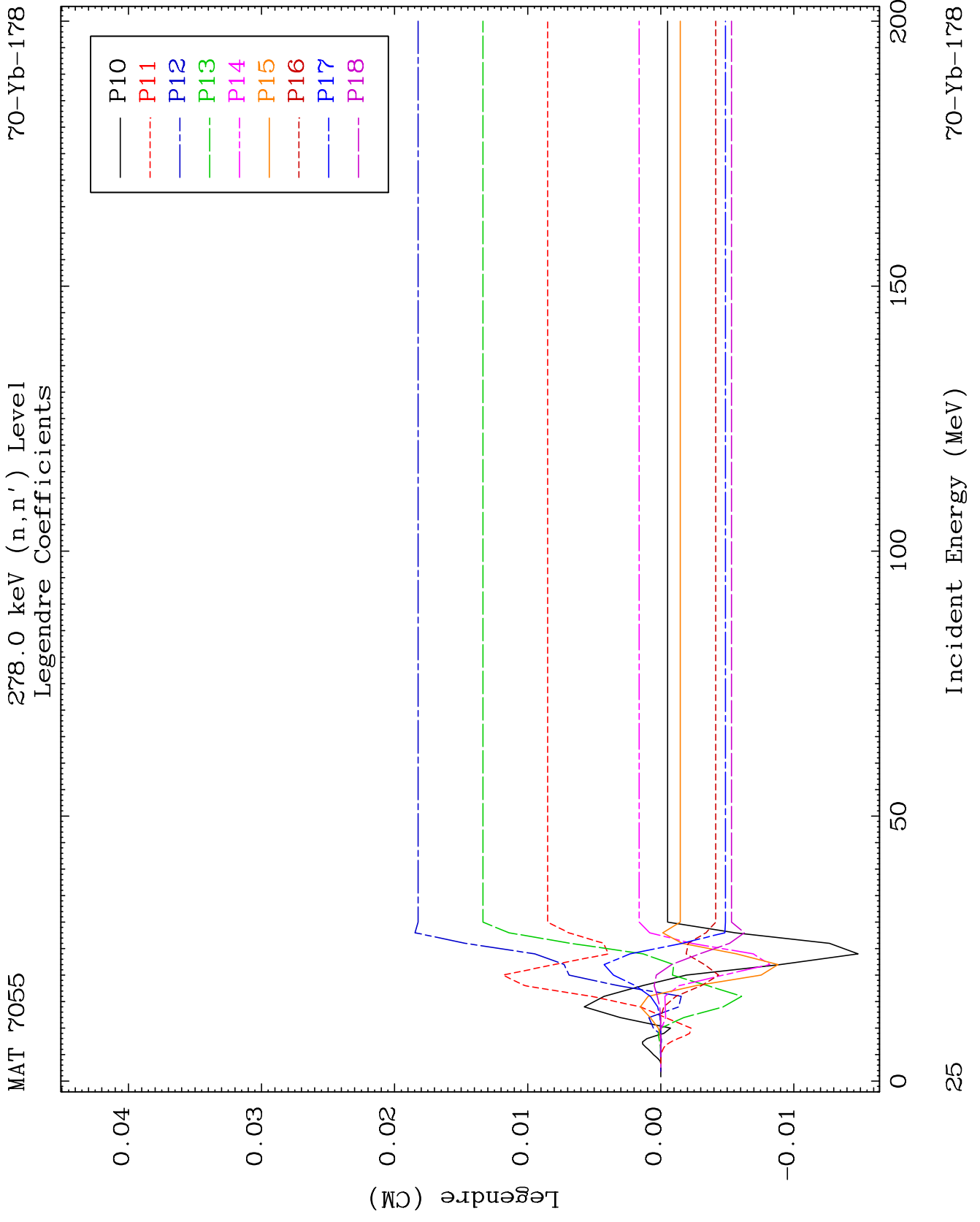
Incident Energy (MeV)

70-Yb-178





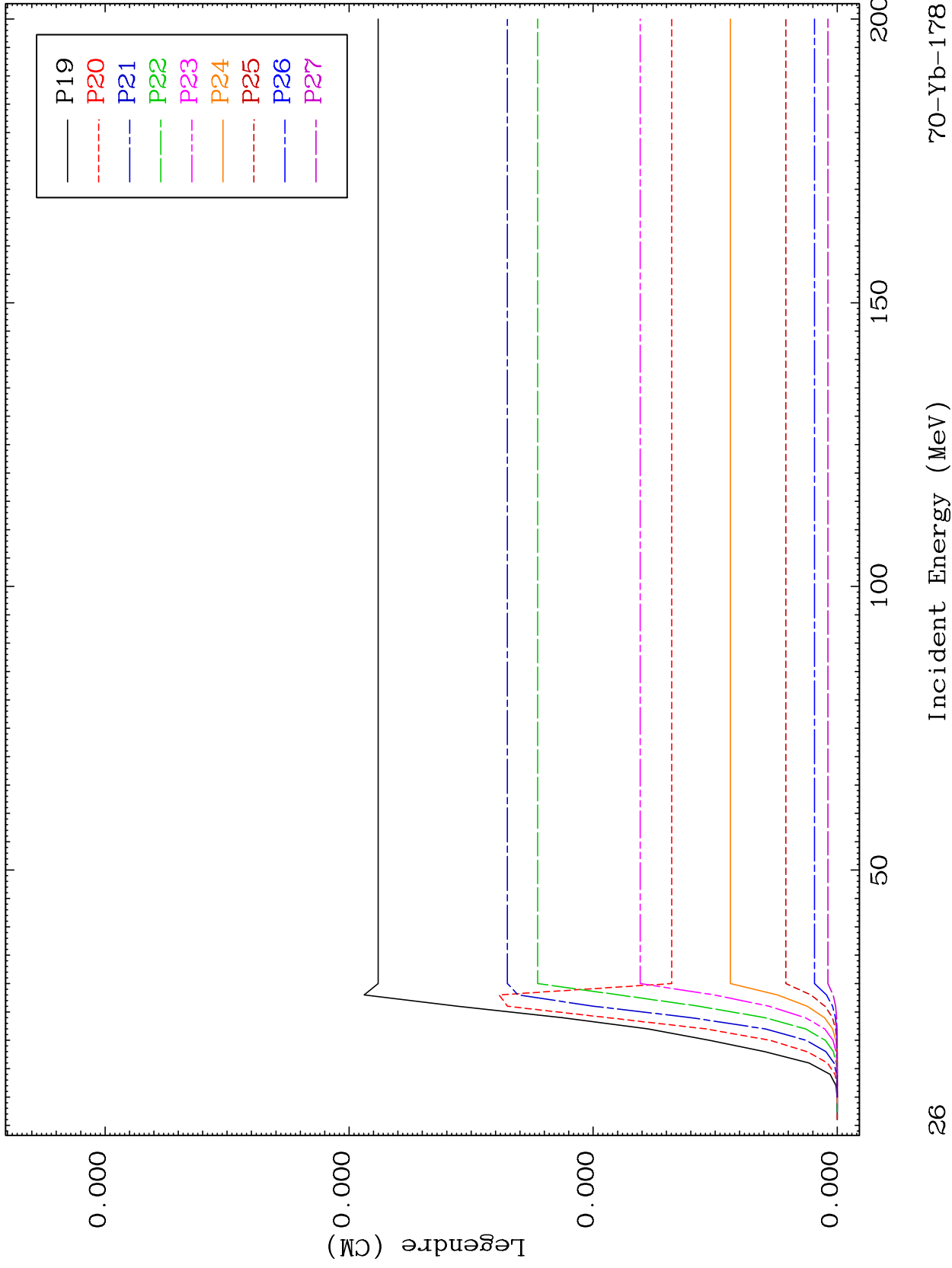




MAT 7055

278.0 keV (n,n') Level
Legendre Coefficients

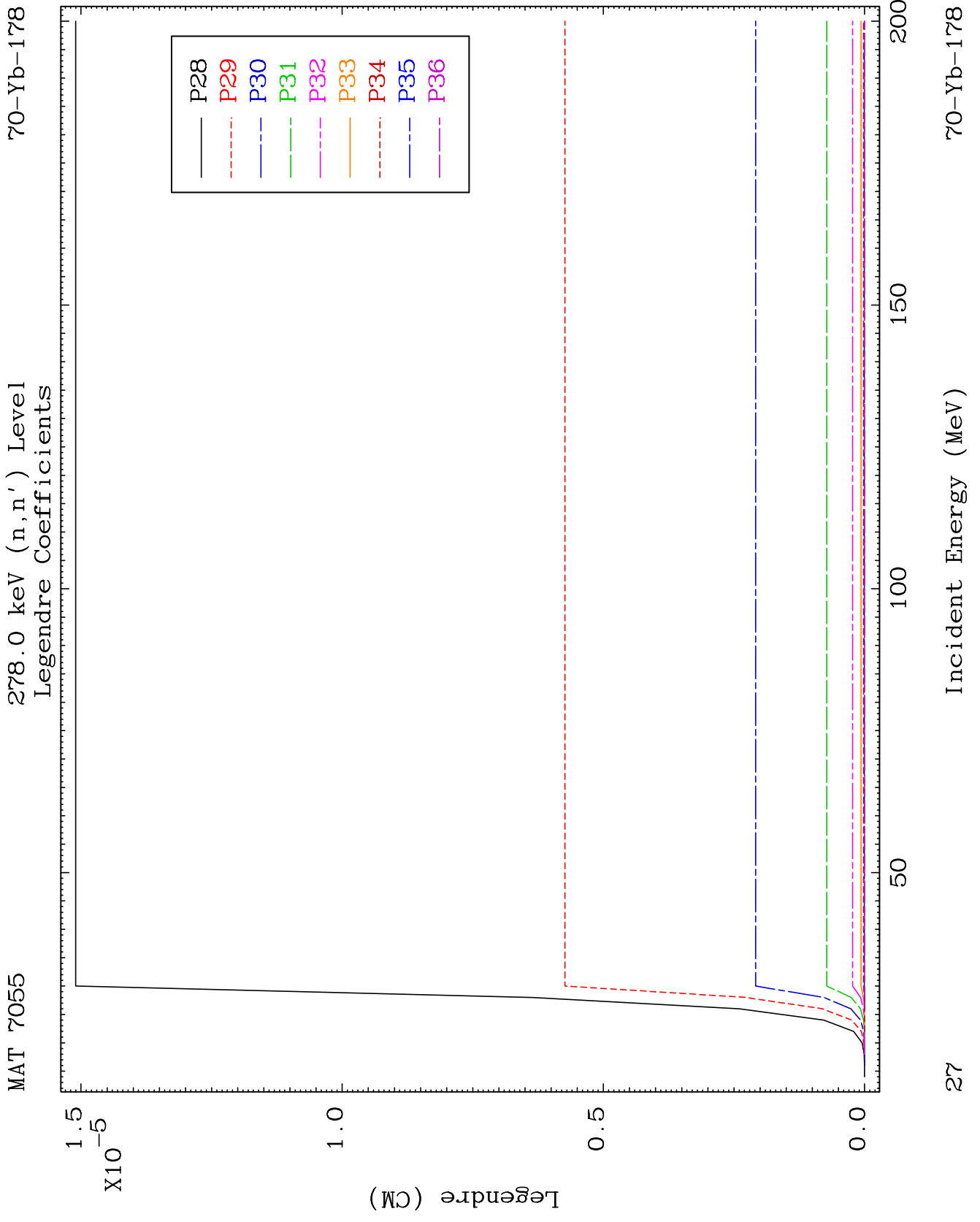
70-Yb-178



26

Incident Energy (MeV)

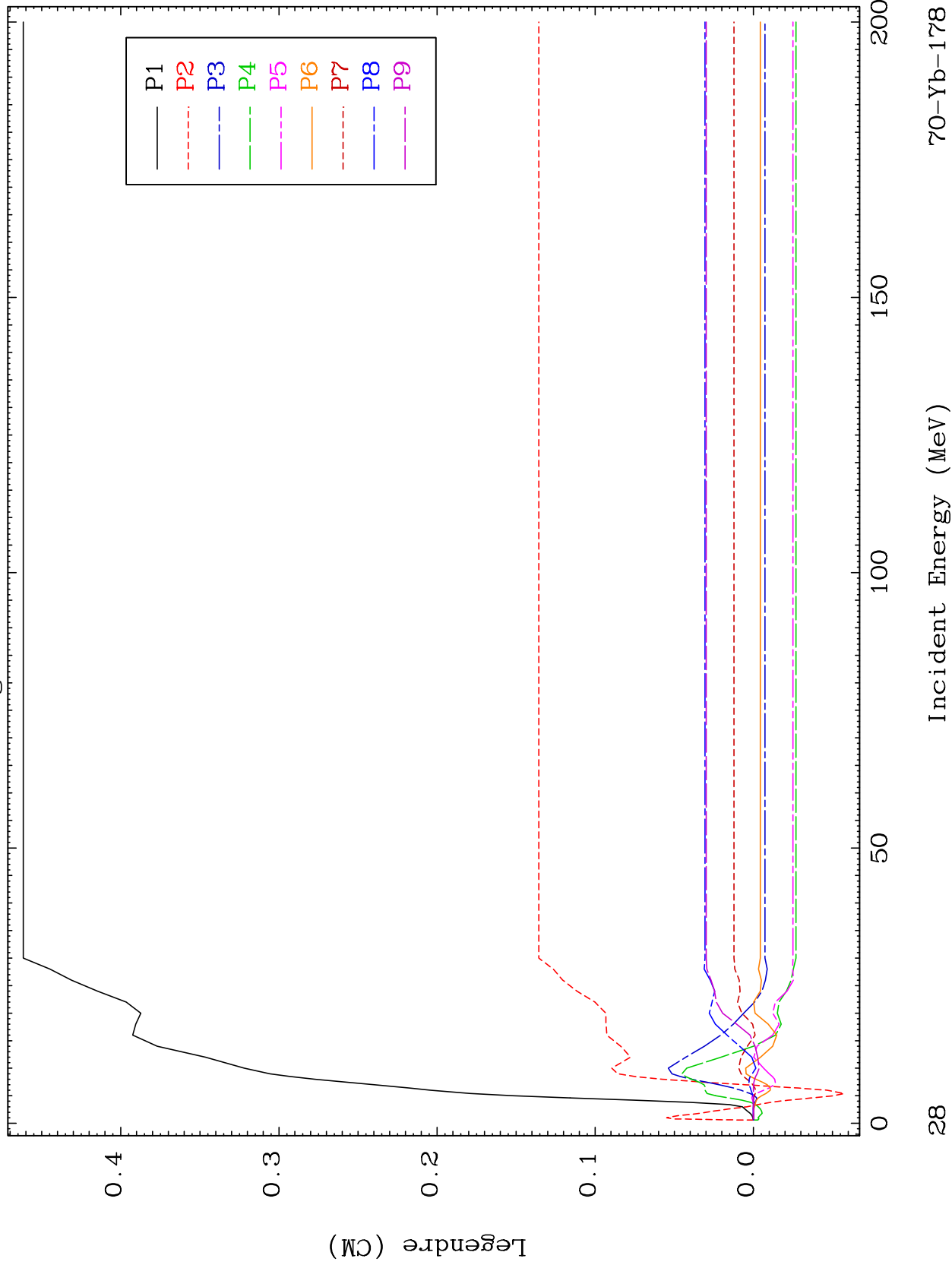
70-Yb-178



MAT 7055

578.1 keV (n,n') Level
Legendre Coefficients

70-Yb-178



70-Yb-178

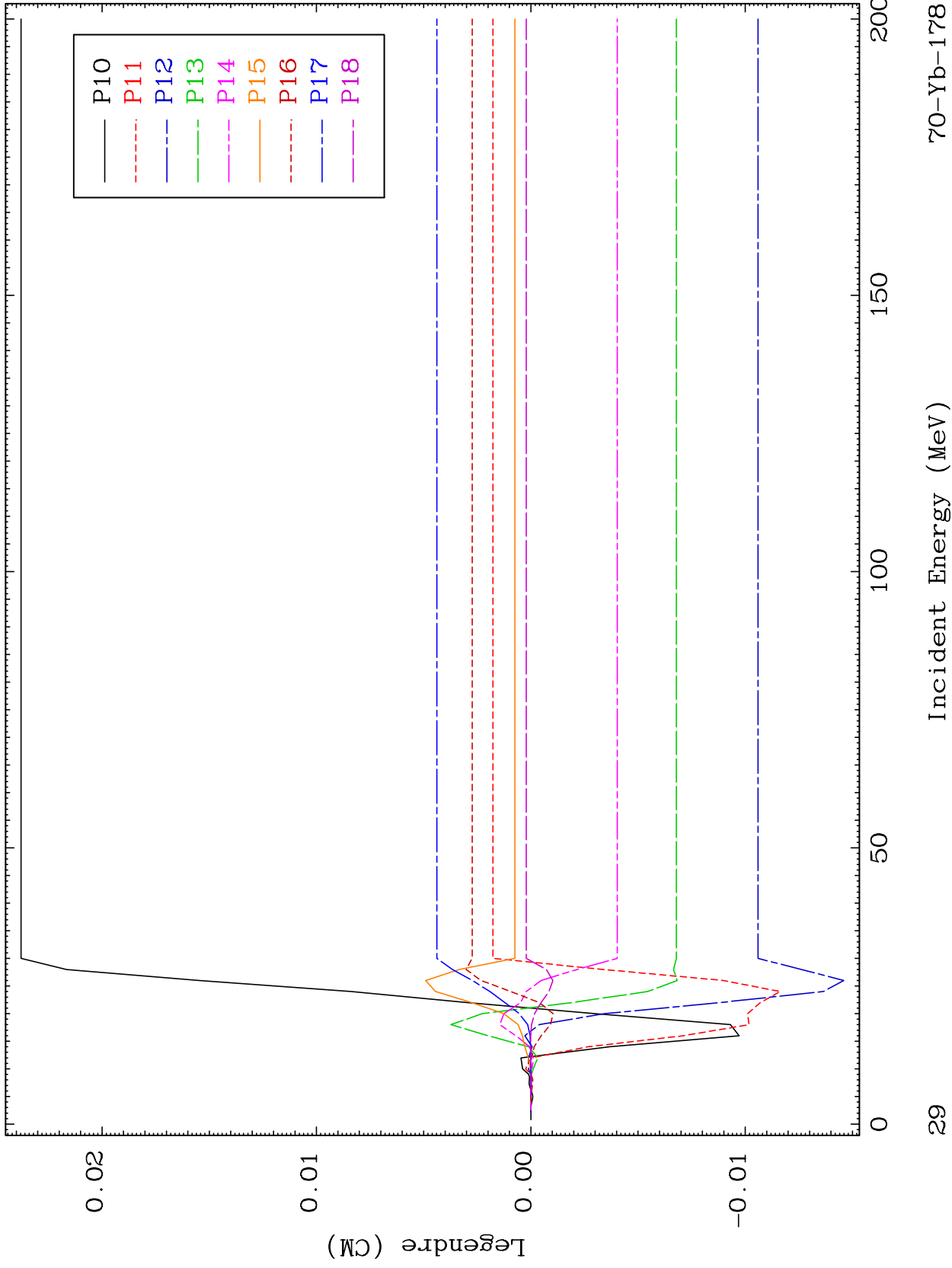
Incident Energy (MeV)

28

MAT 7055

578.1 keV (n,n') Level
Legendre Coefficients

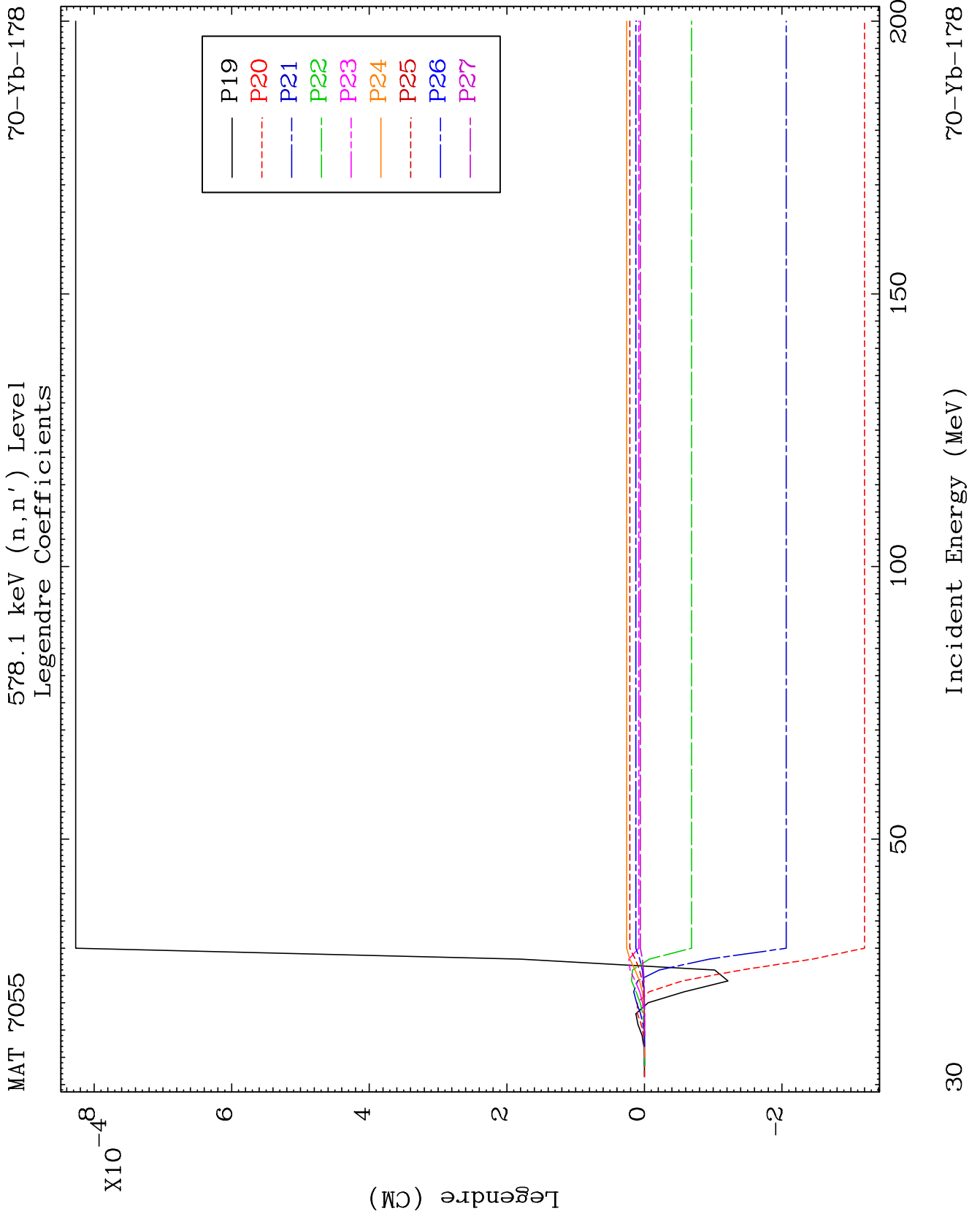
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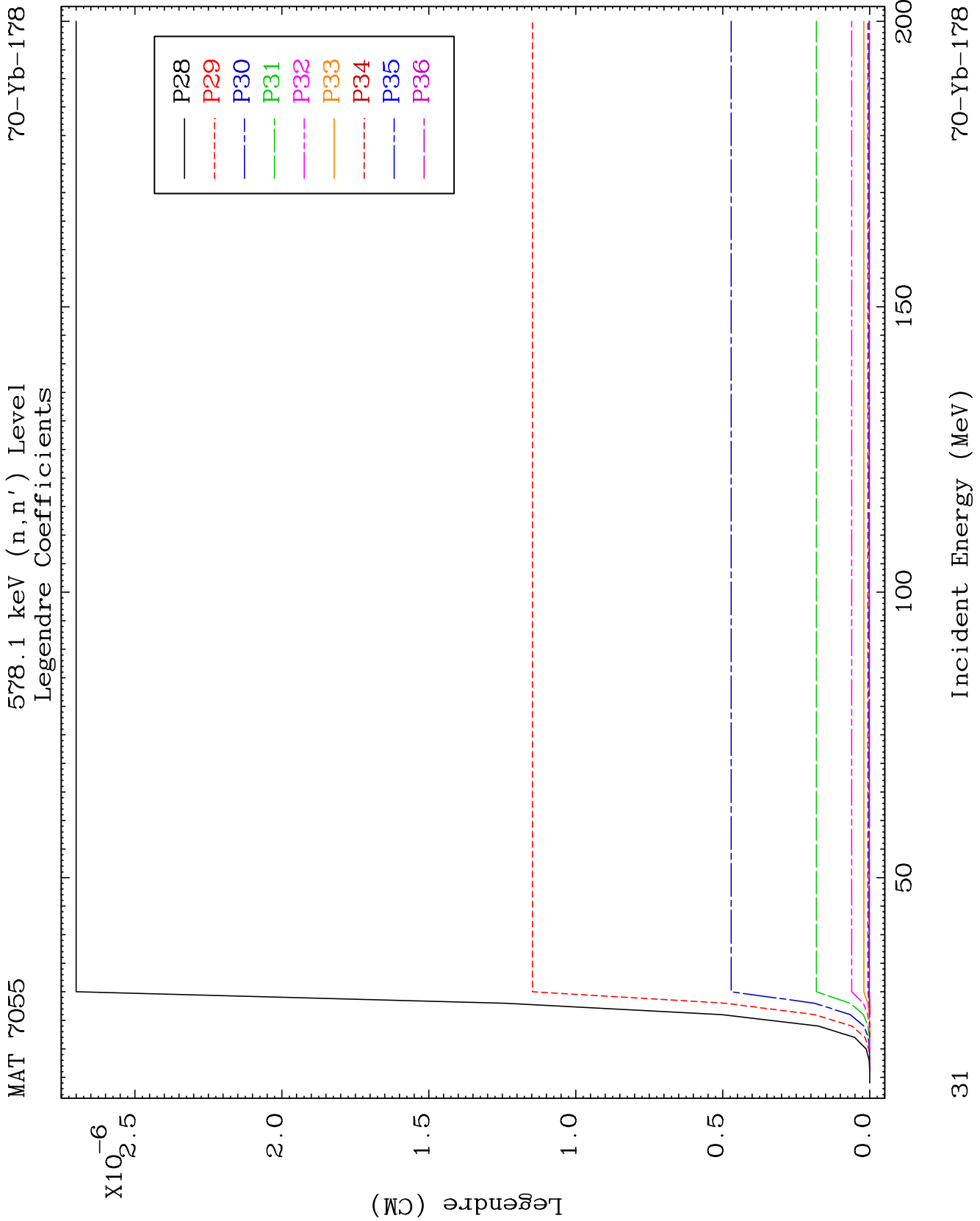


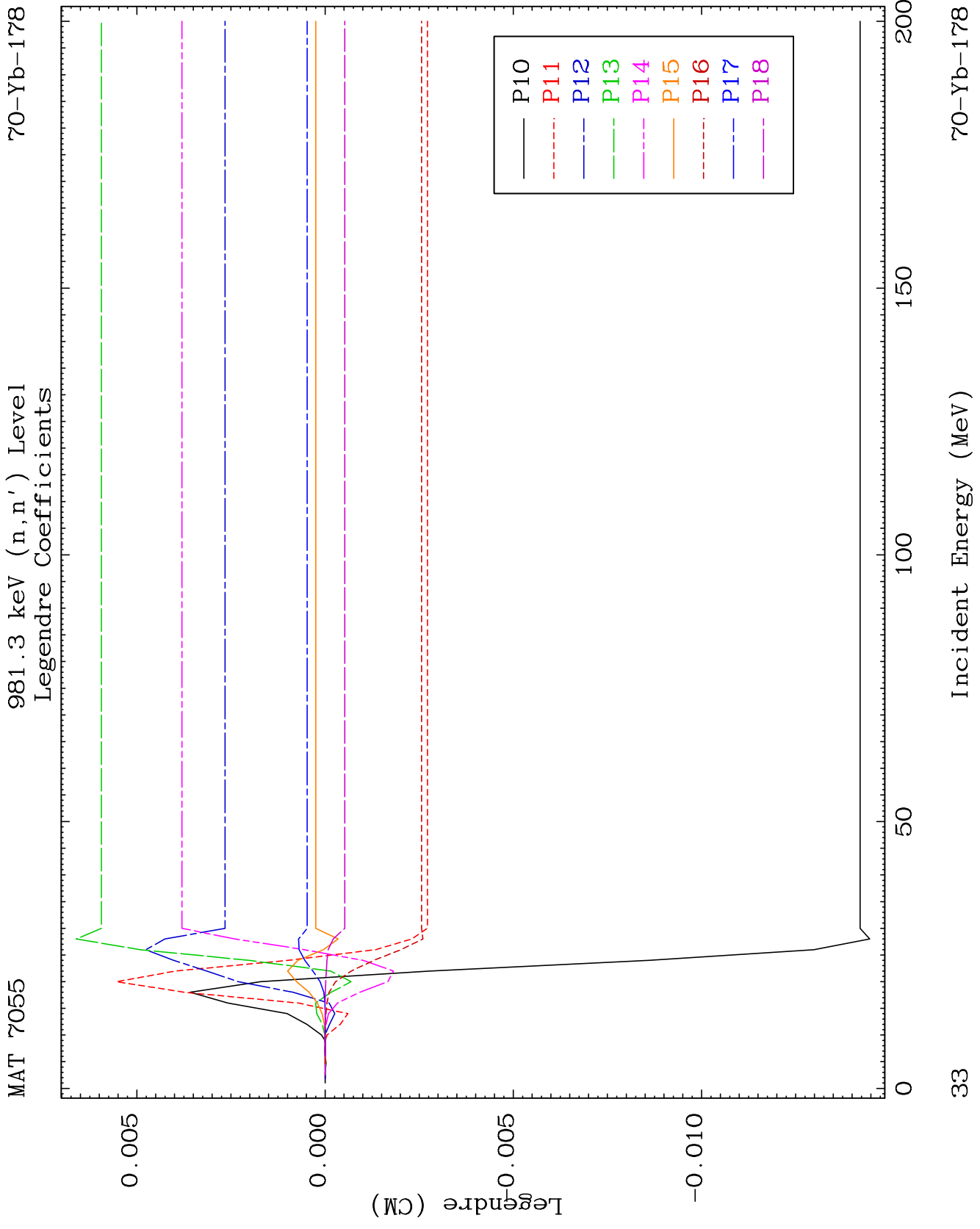
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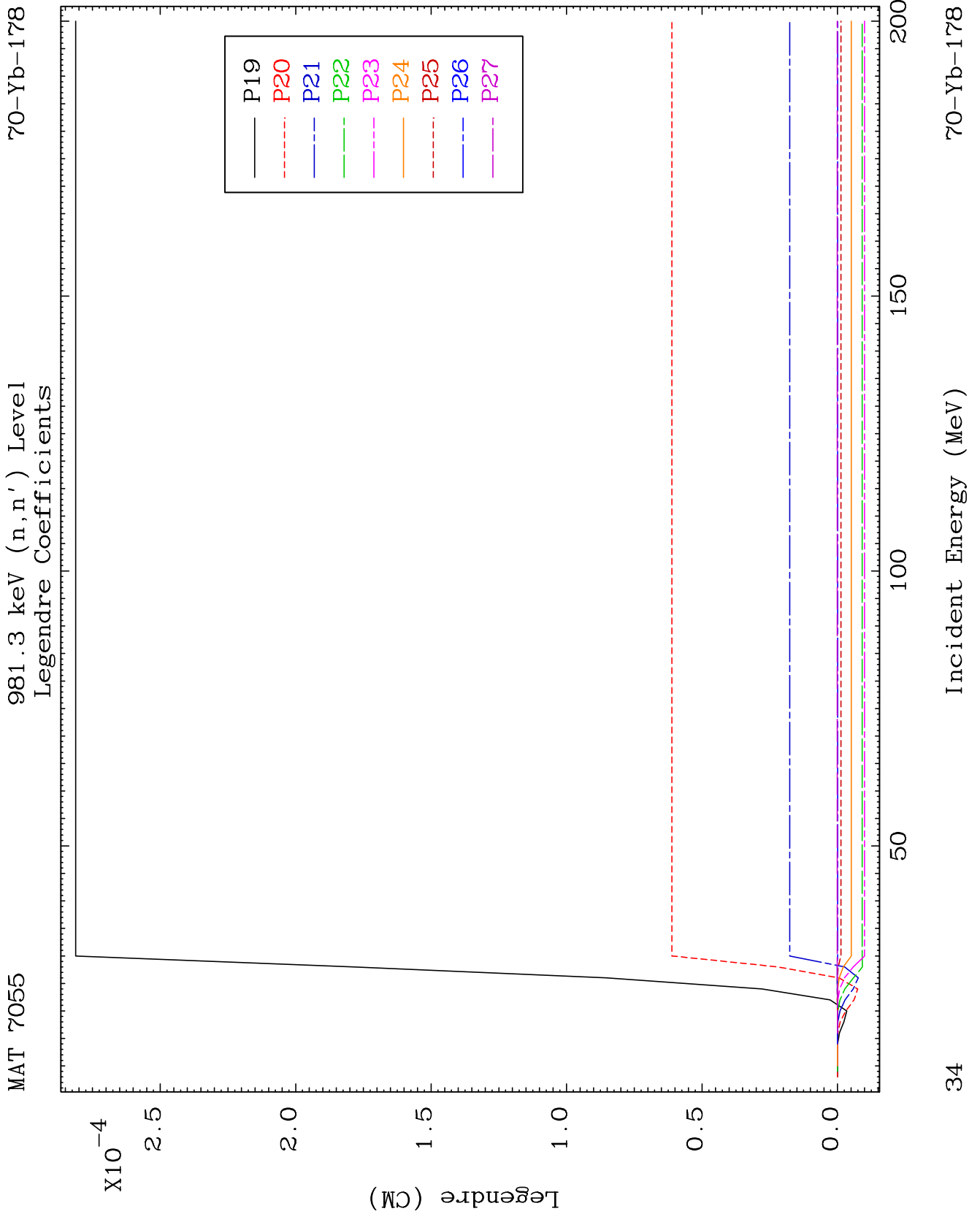
Incident Energy (MeV)

70-Yb-178





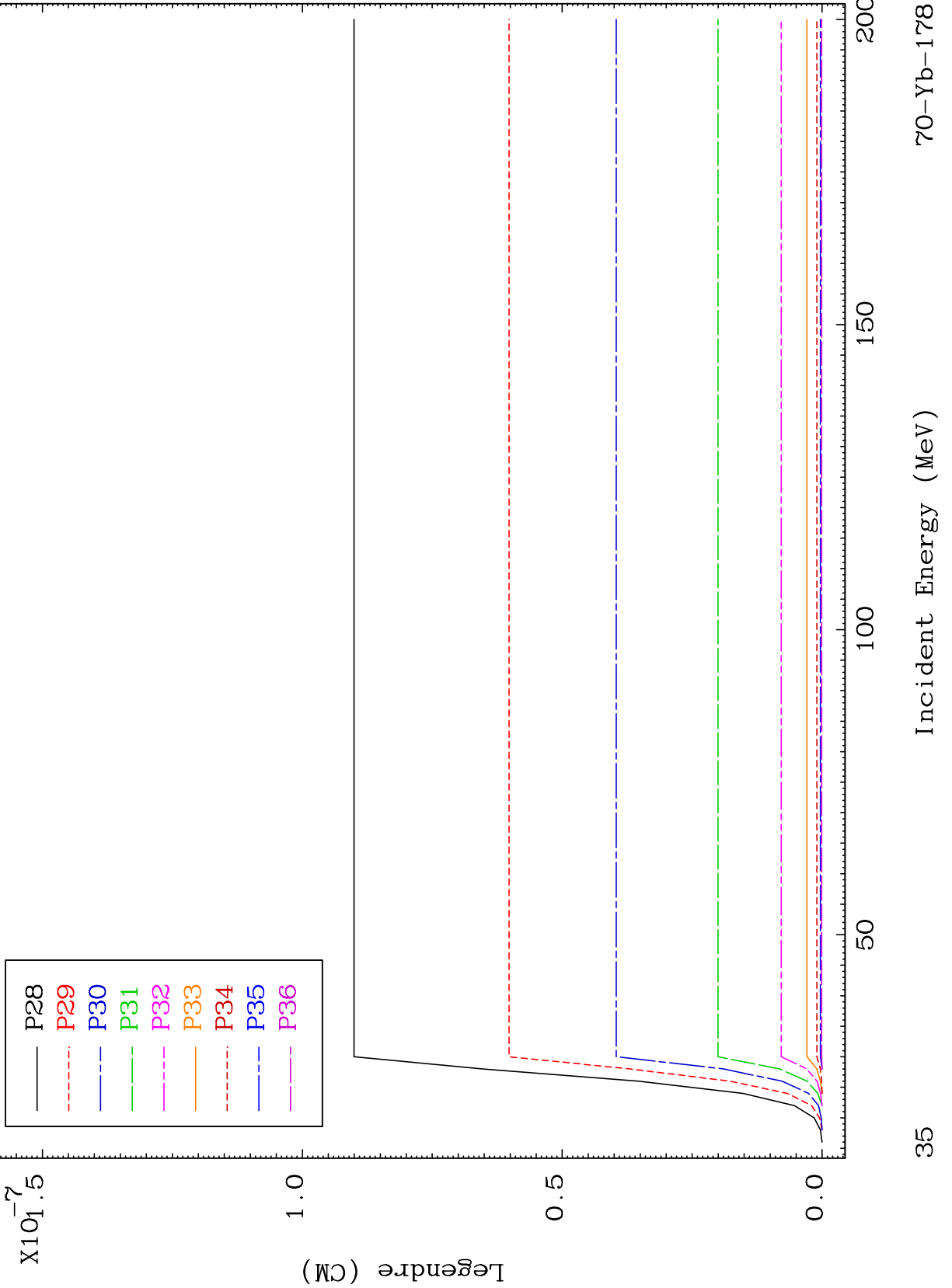
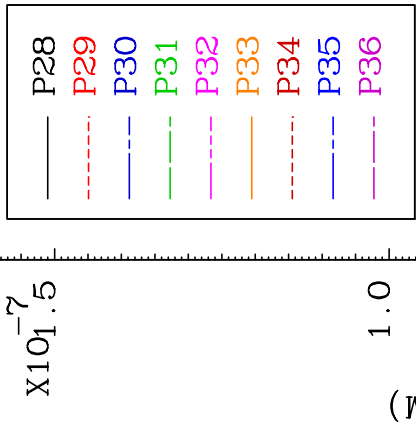




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981.3 keV (n,n') Level
Legendre Coefficients

70-Yb-178



35

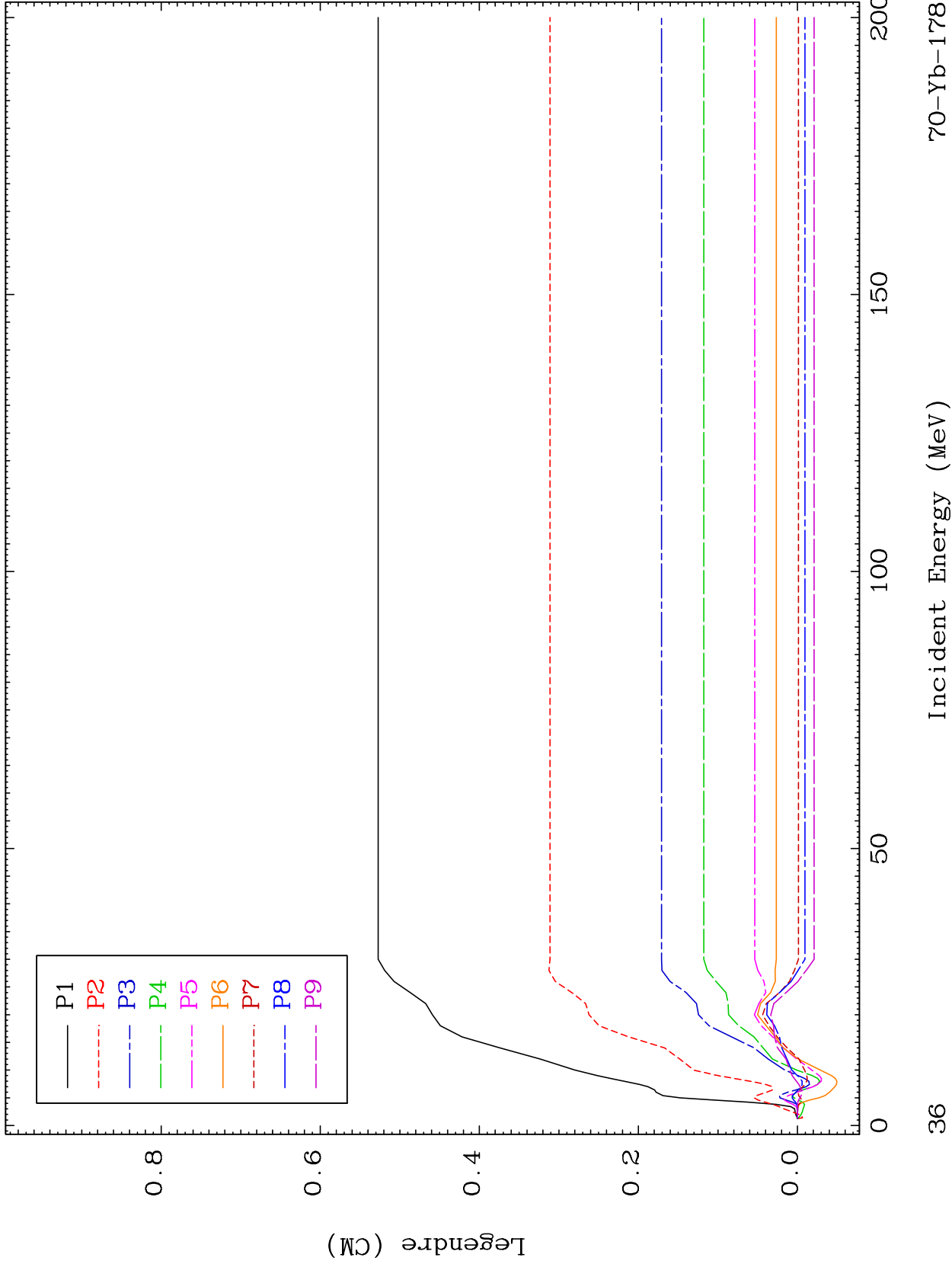
Incident Energy (MeV)

70-Yb-178

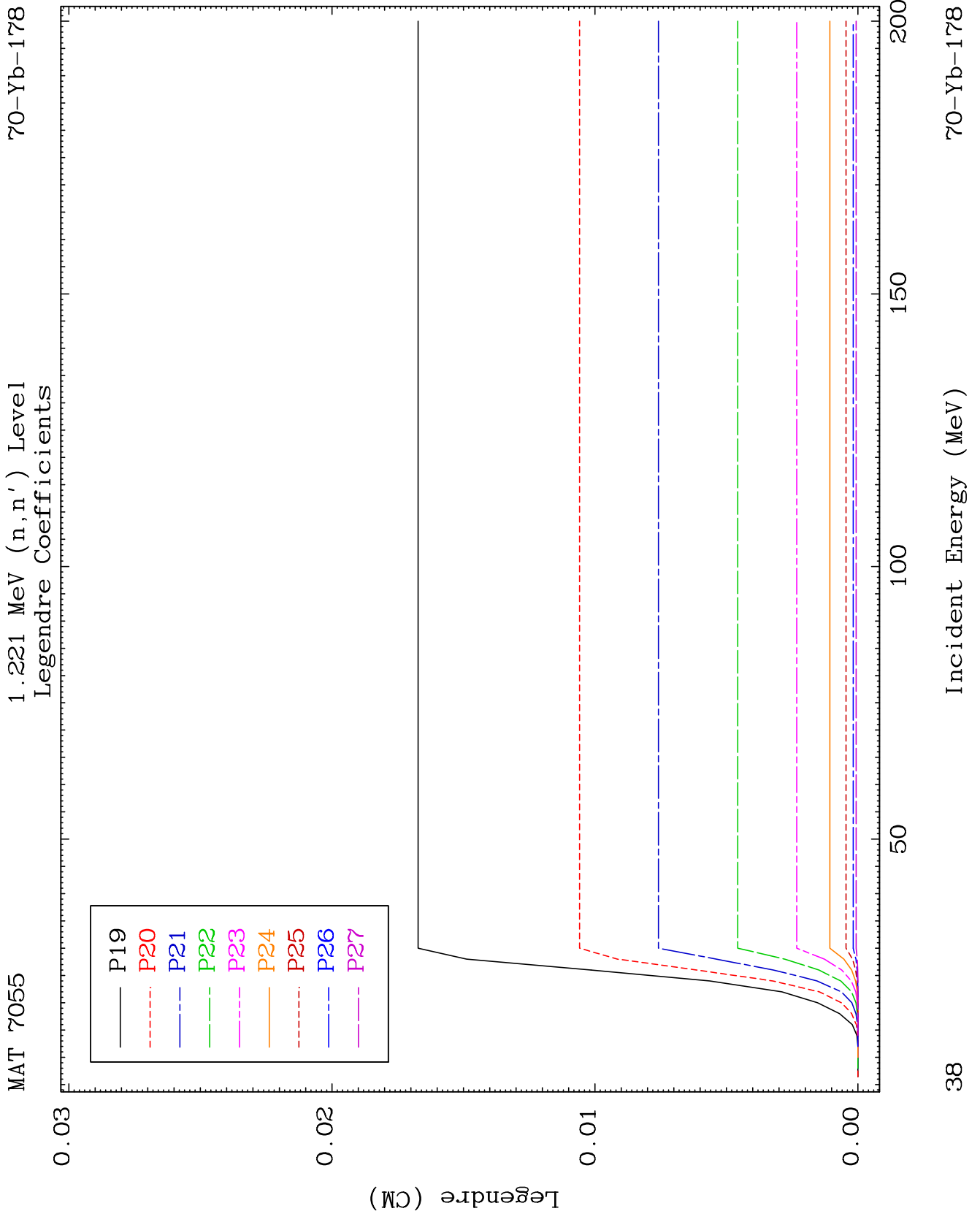
MAT 7055

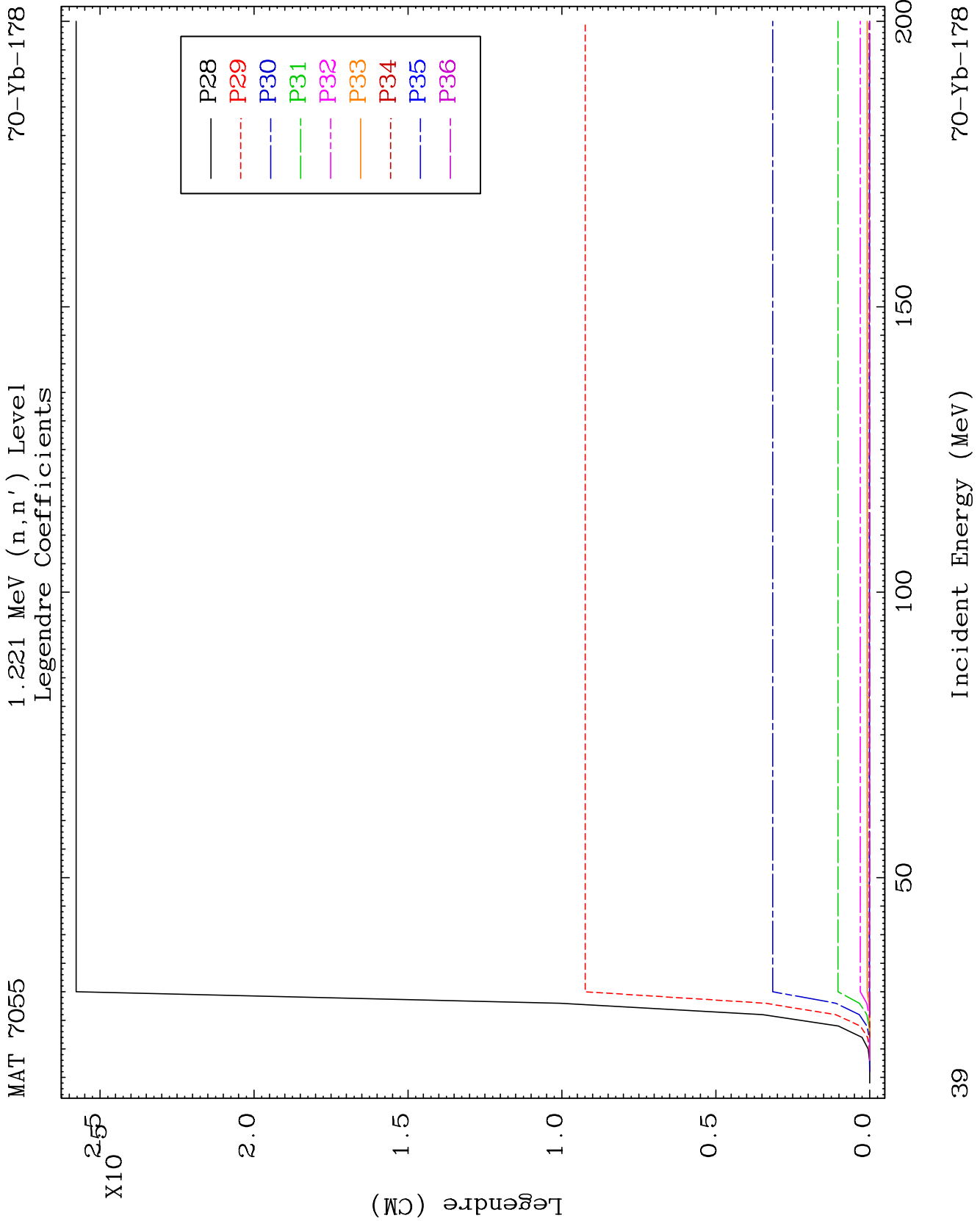
1.221 MeV (n,n') Level
Legendre Coefficients

70-Yb-178



36

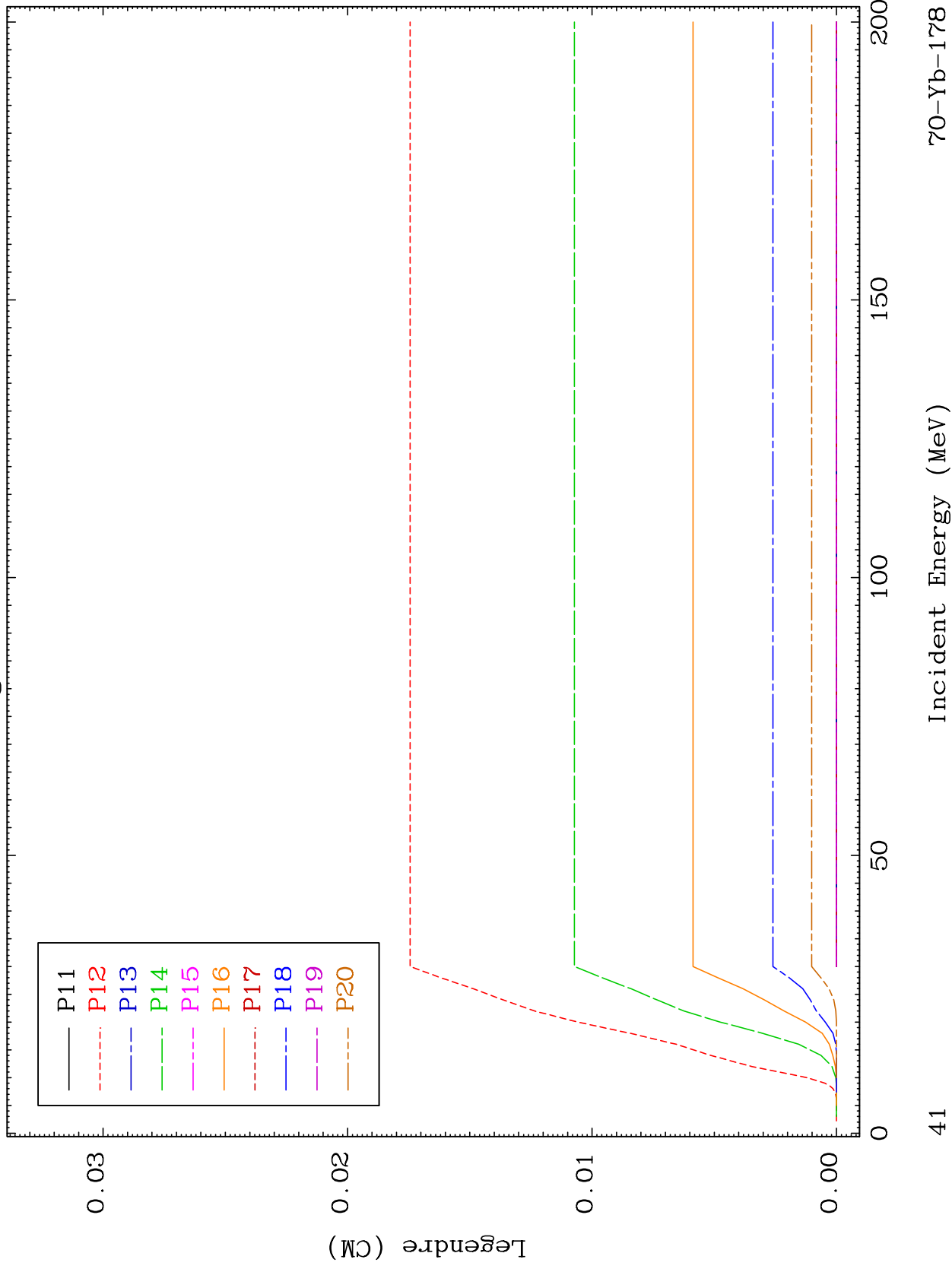




MAT 7055

1.315 MeV (n,n') Level
Legendre Coefficients

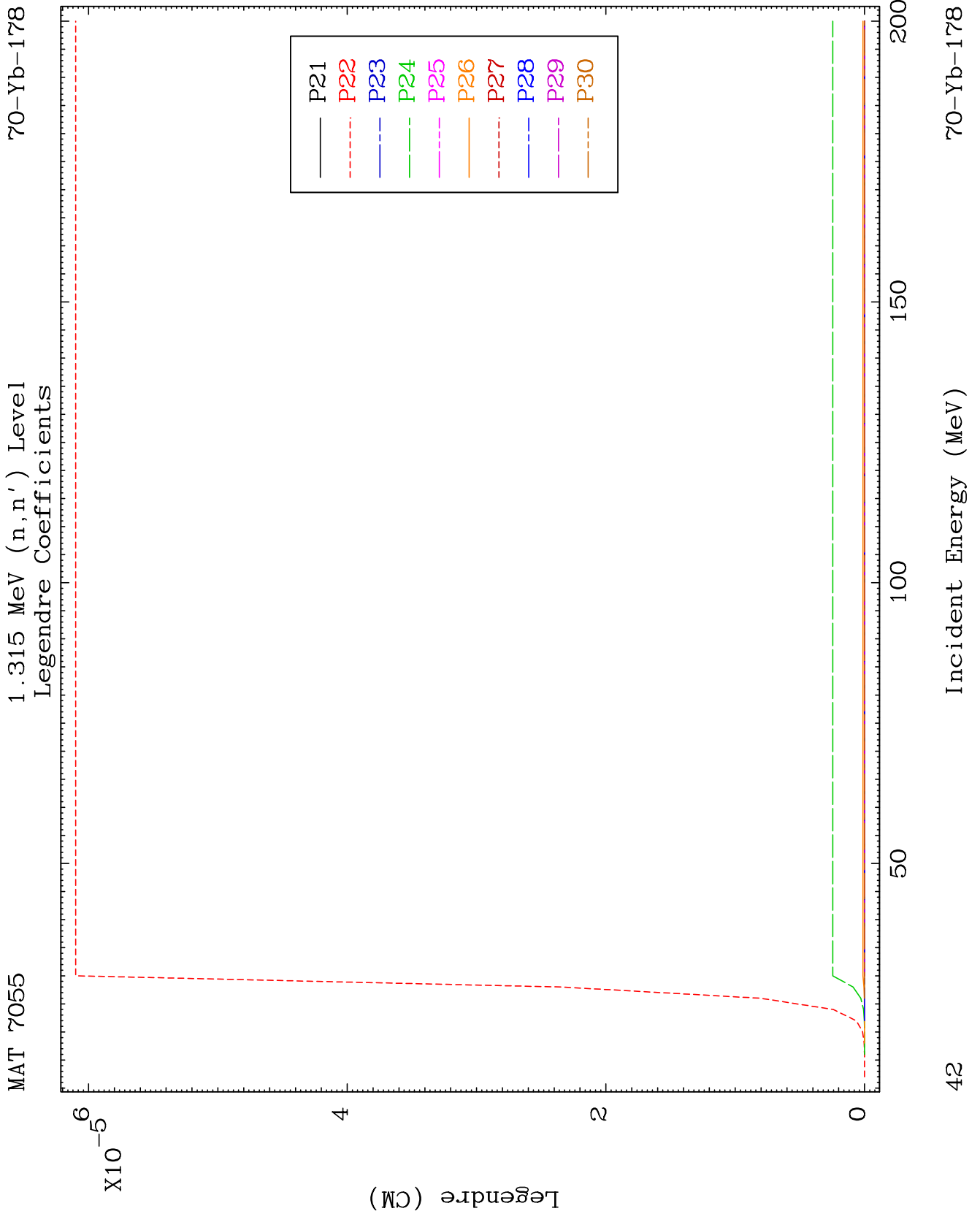
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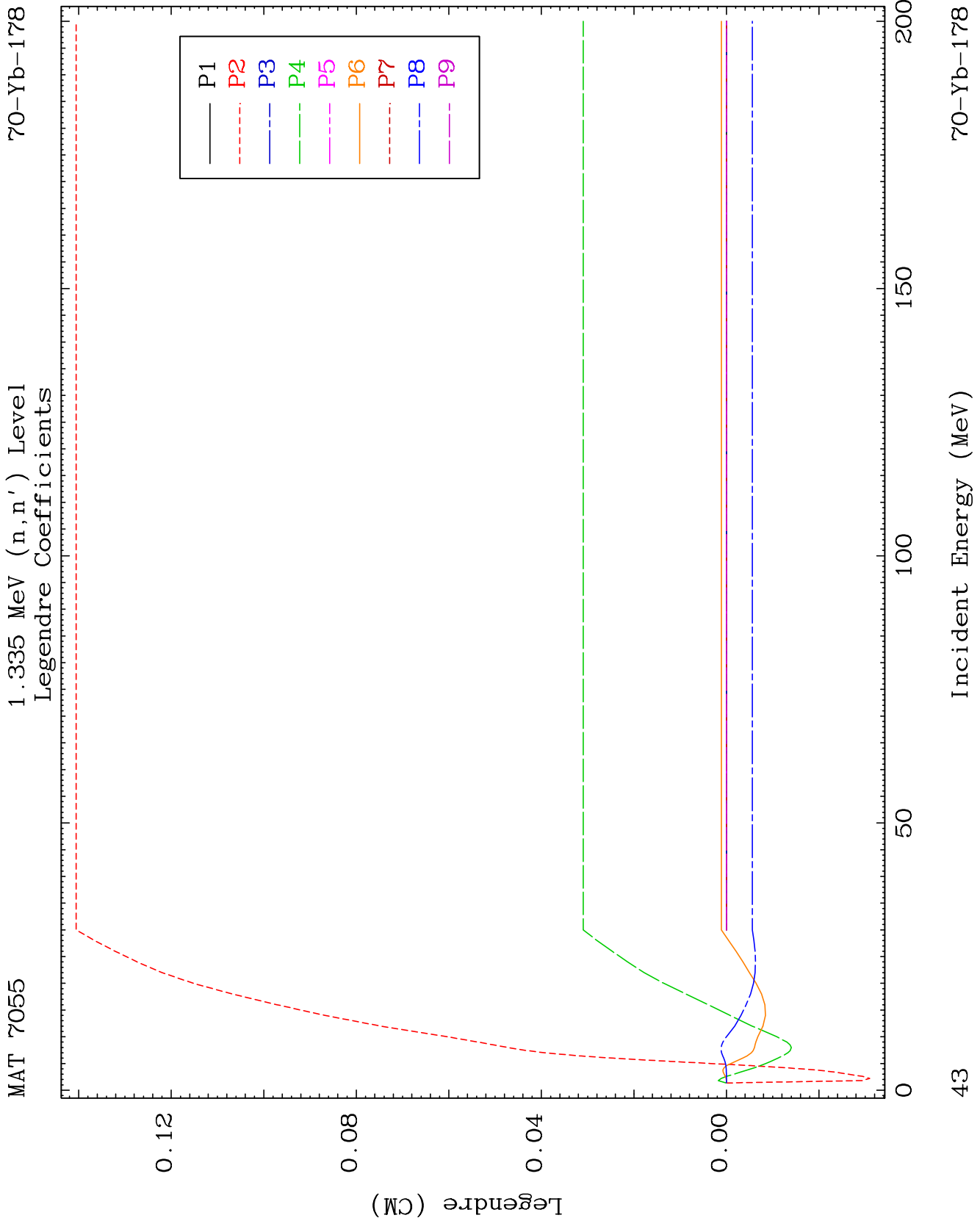


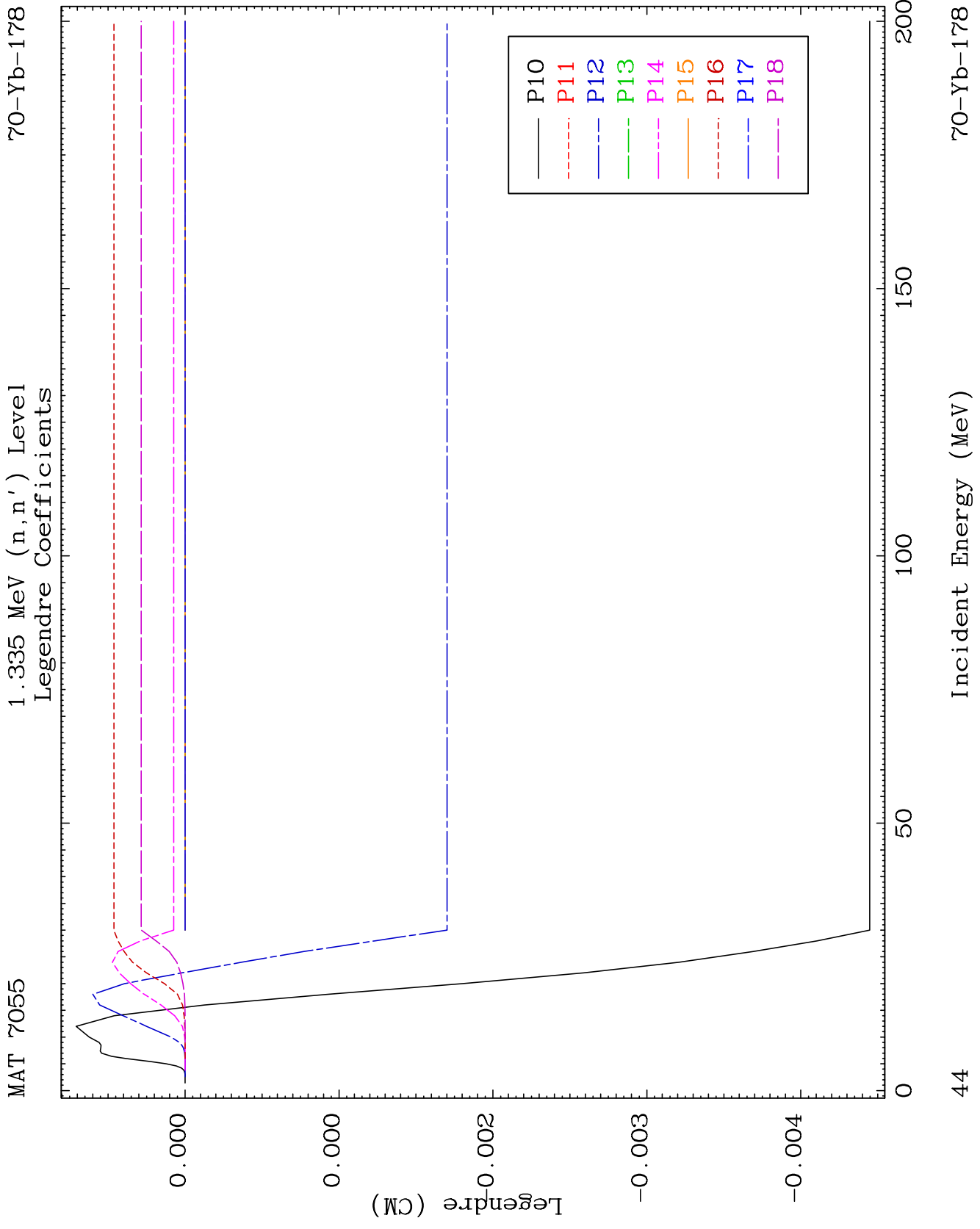
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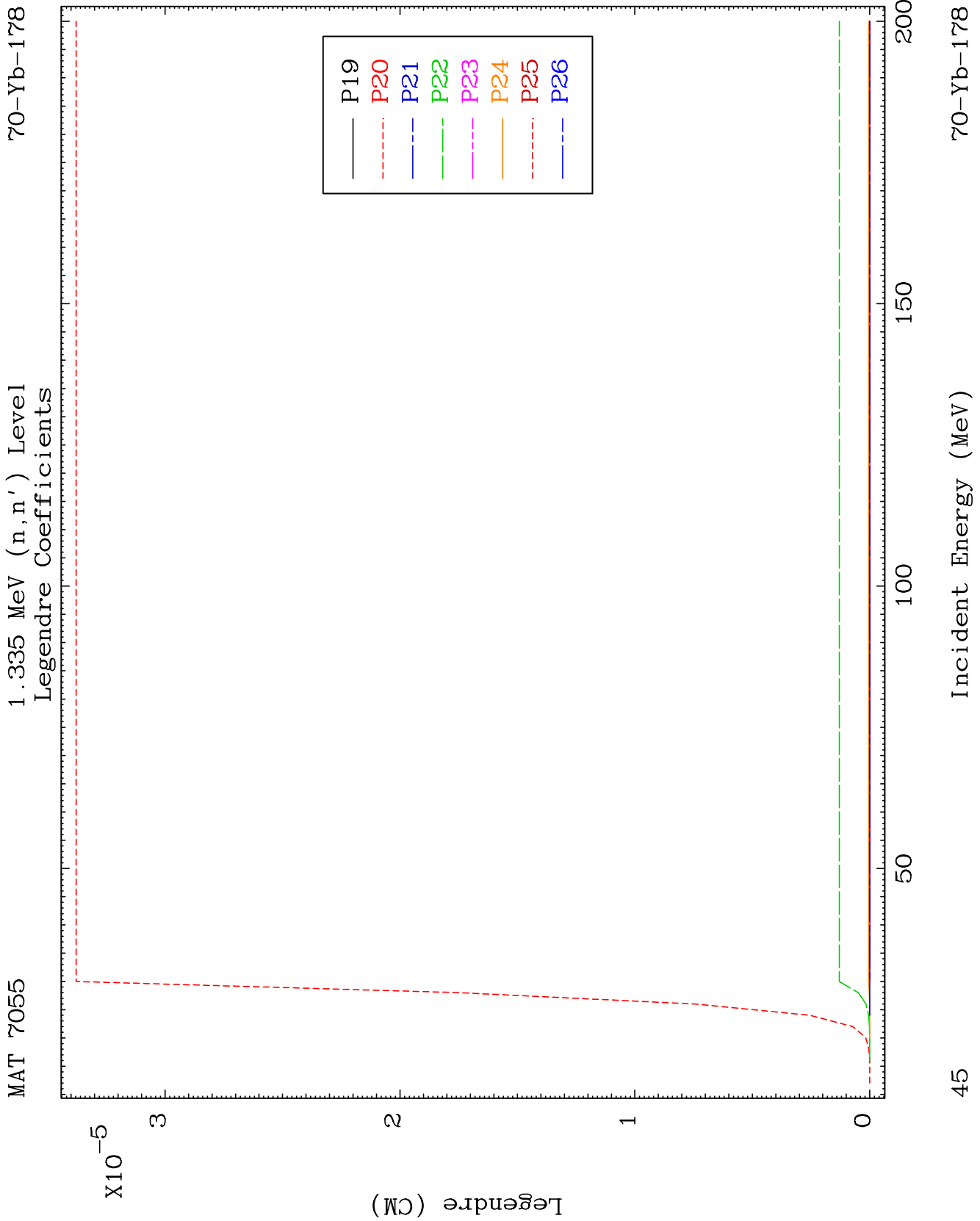
Incident Energy (MeV)

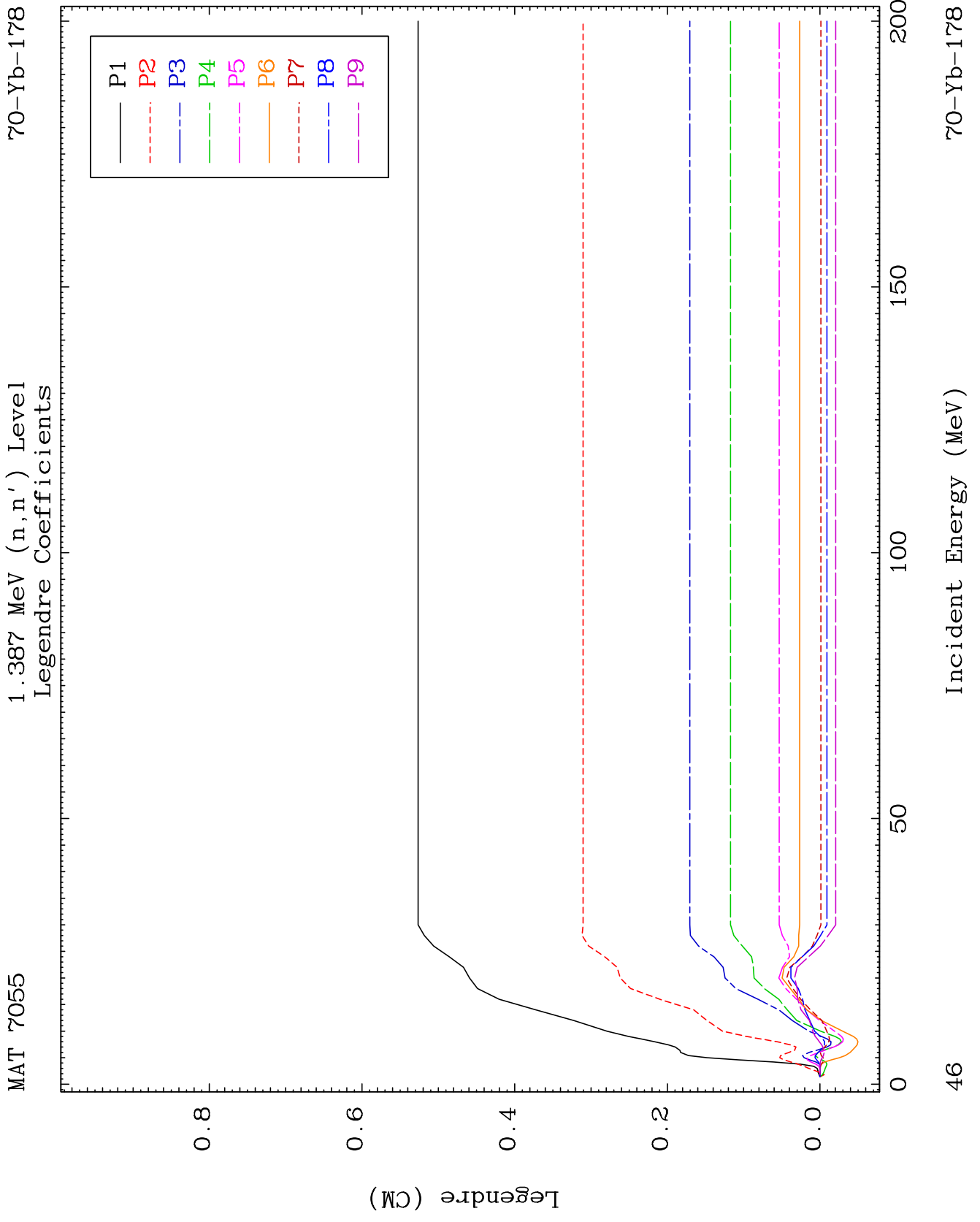
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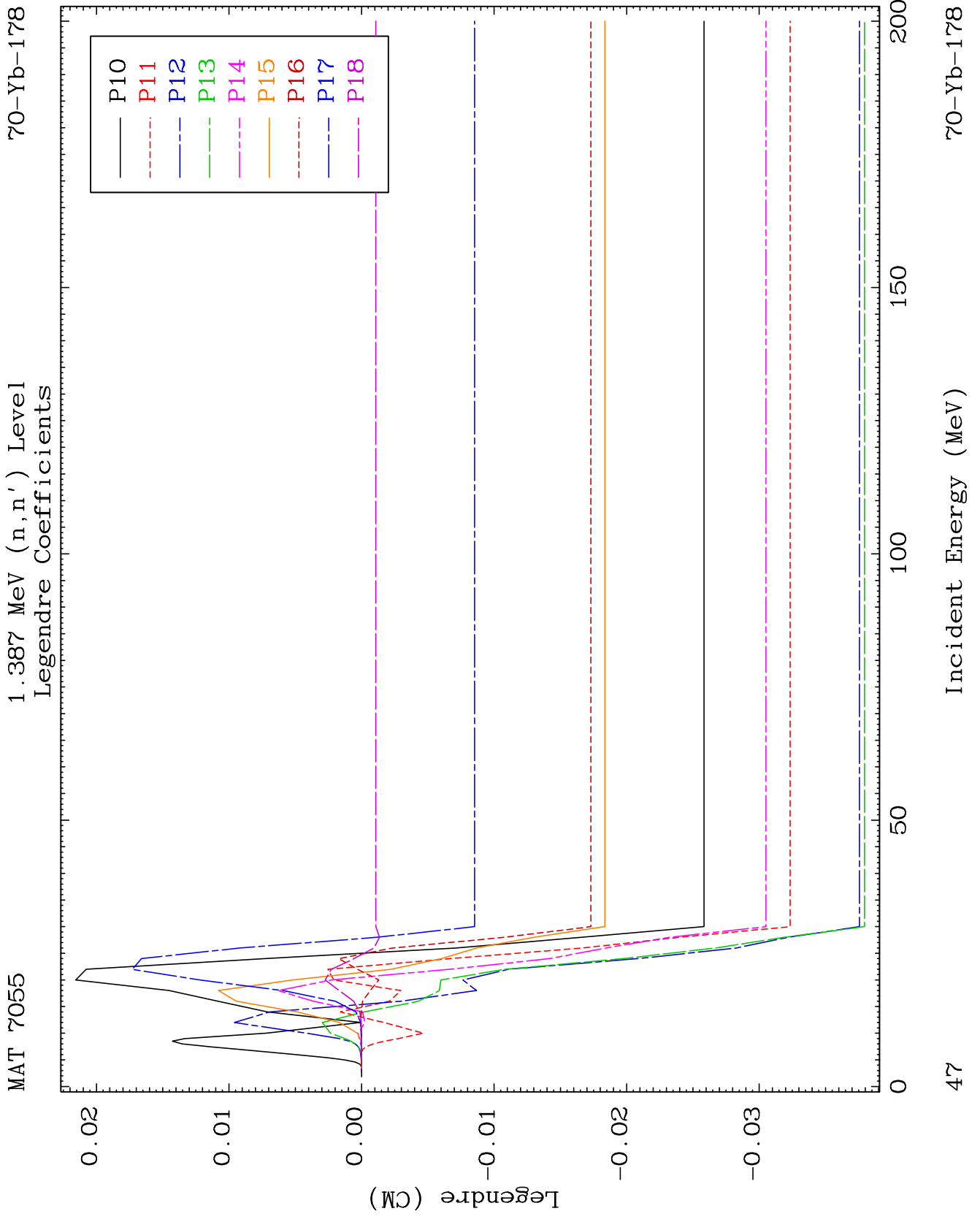


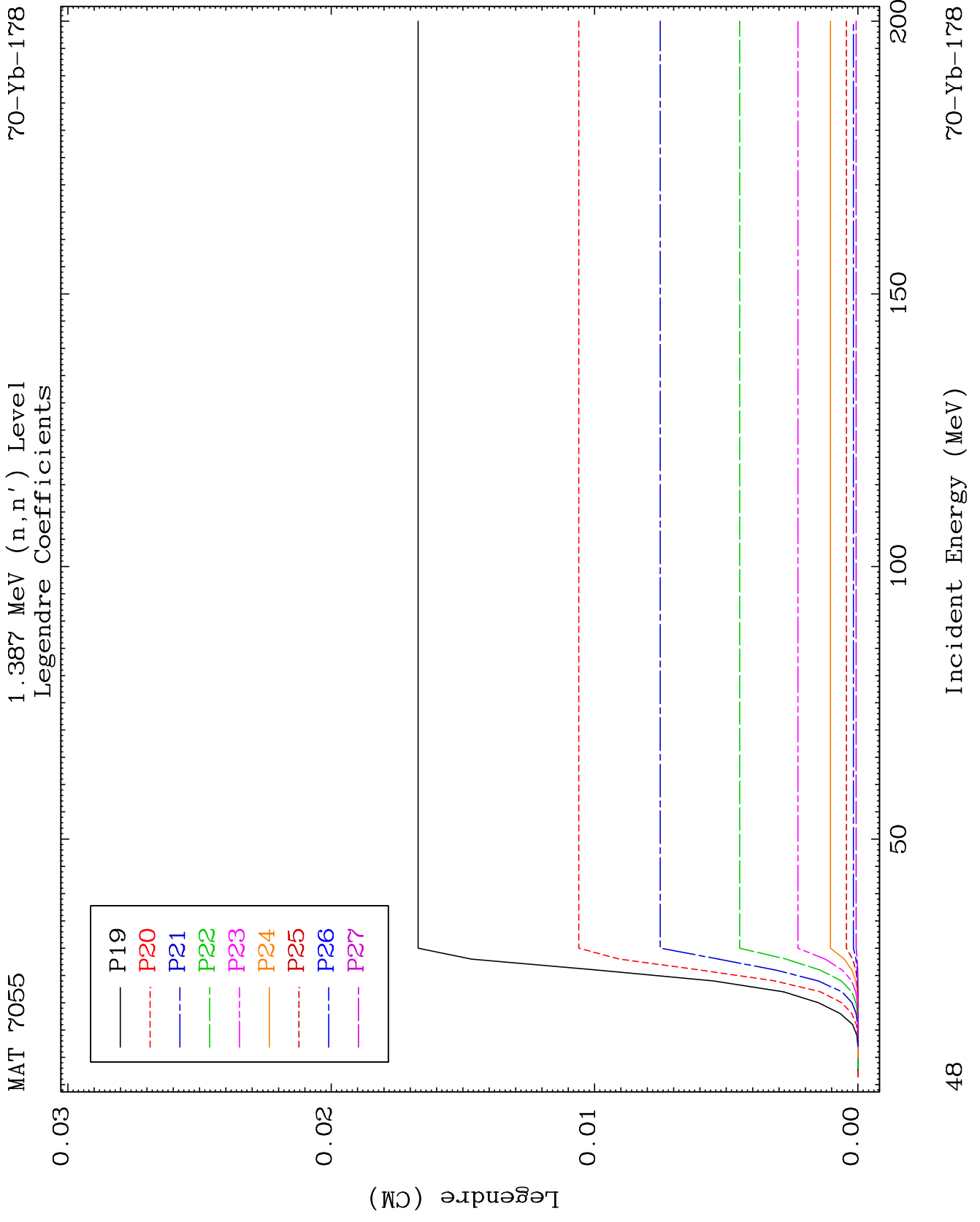


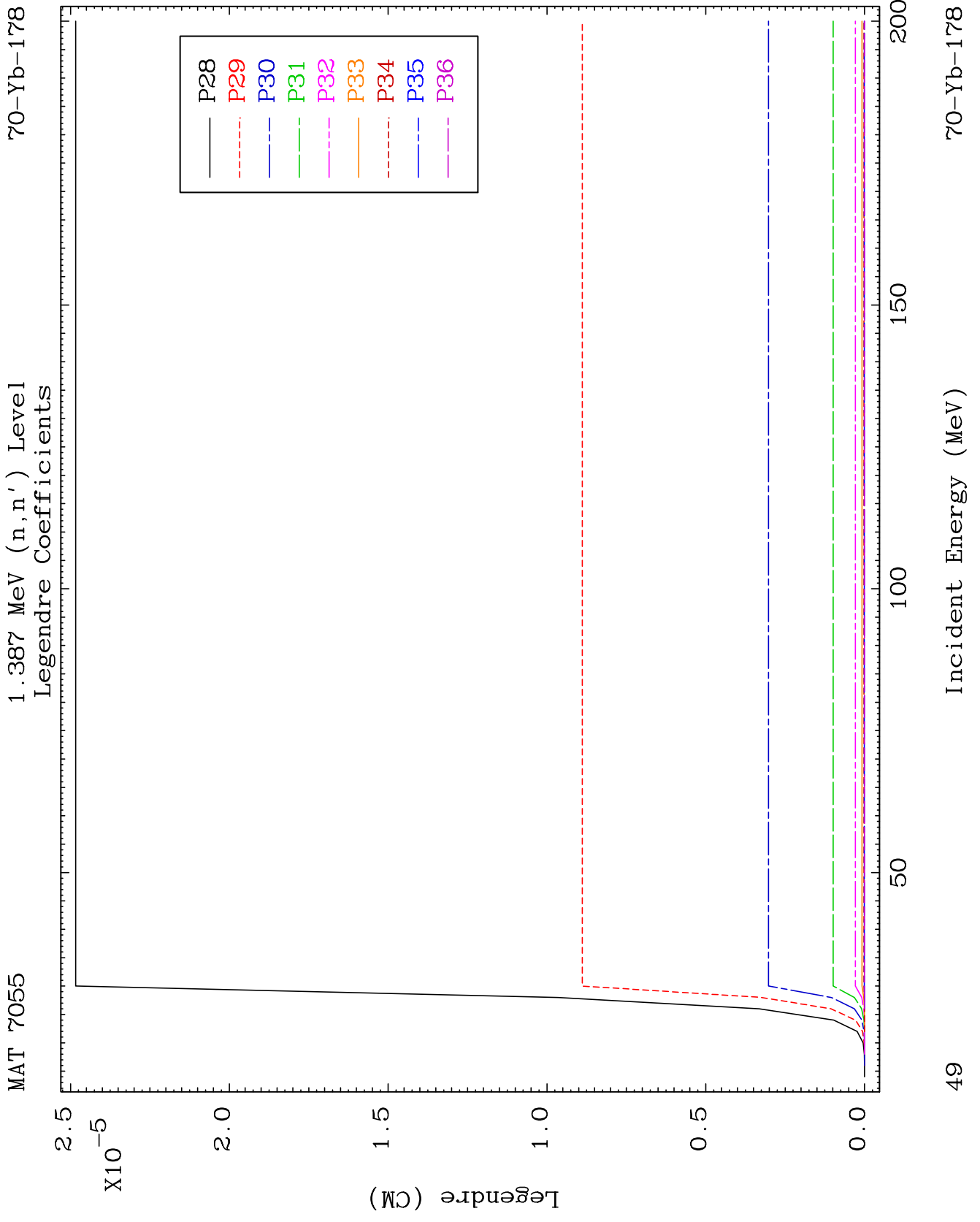








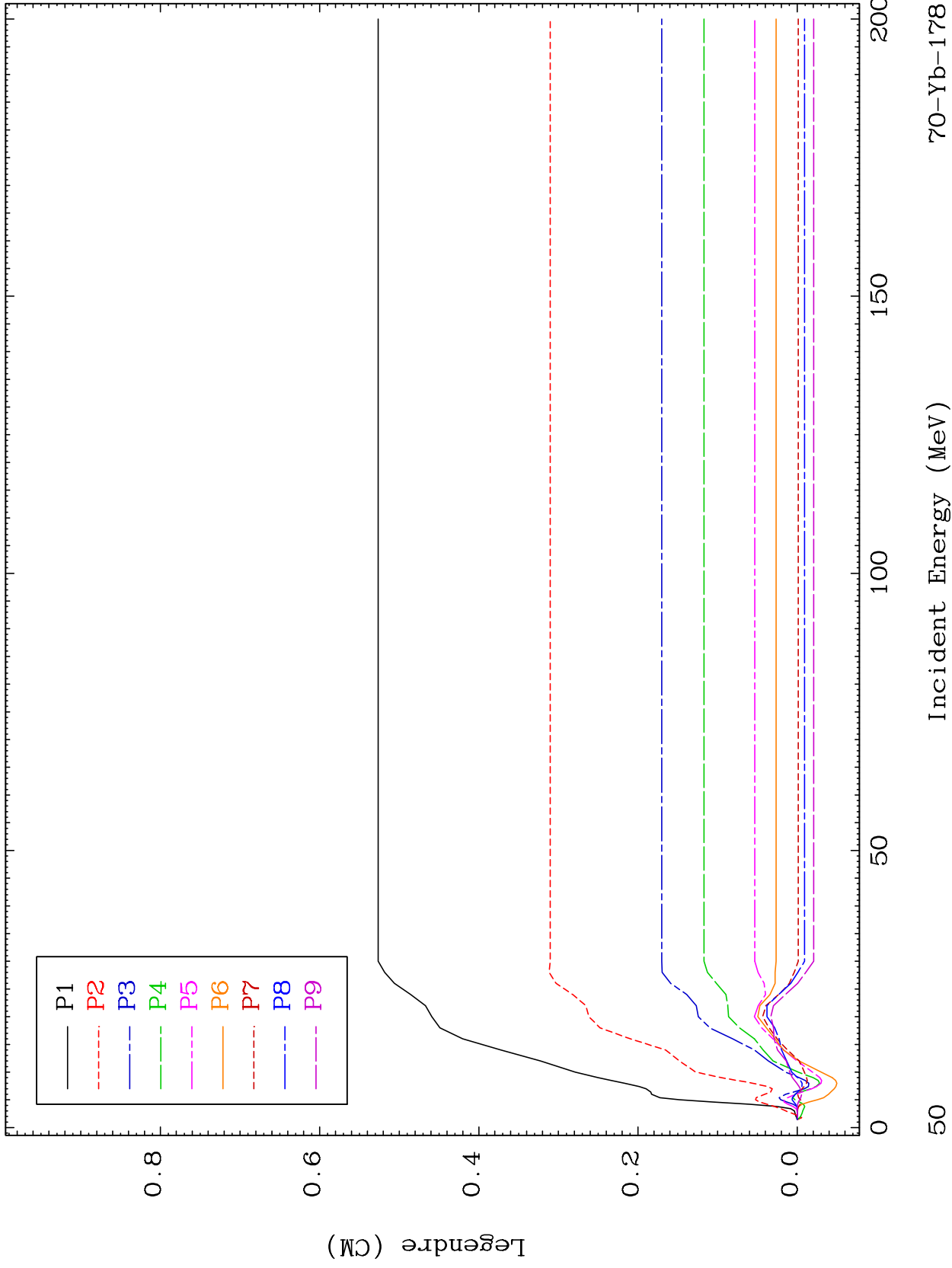




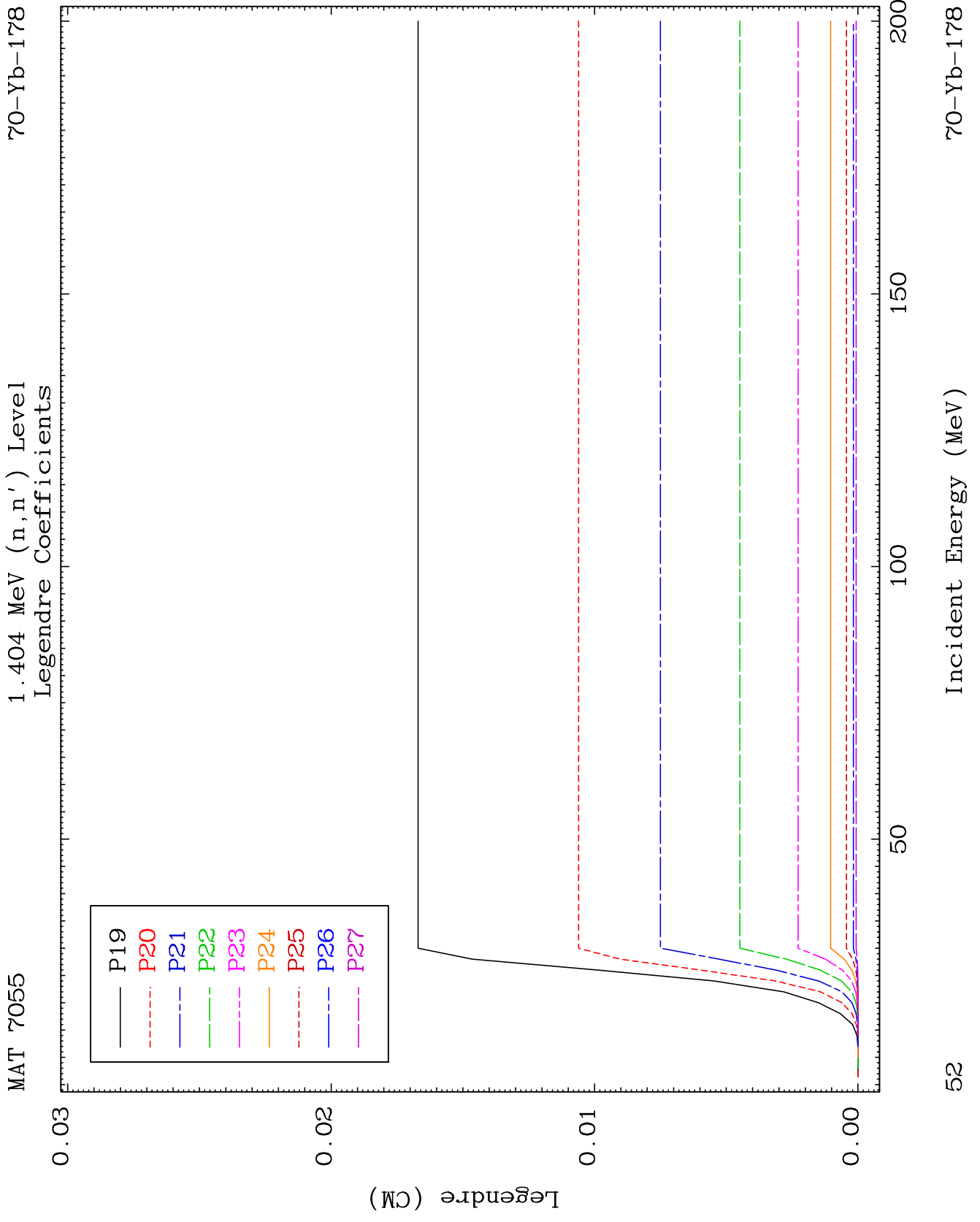
MAT 7055

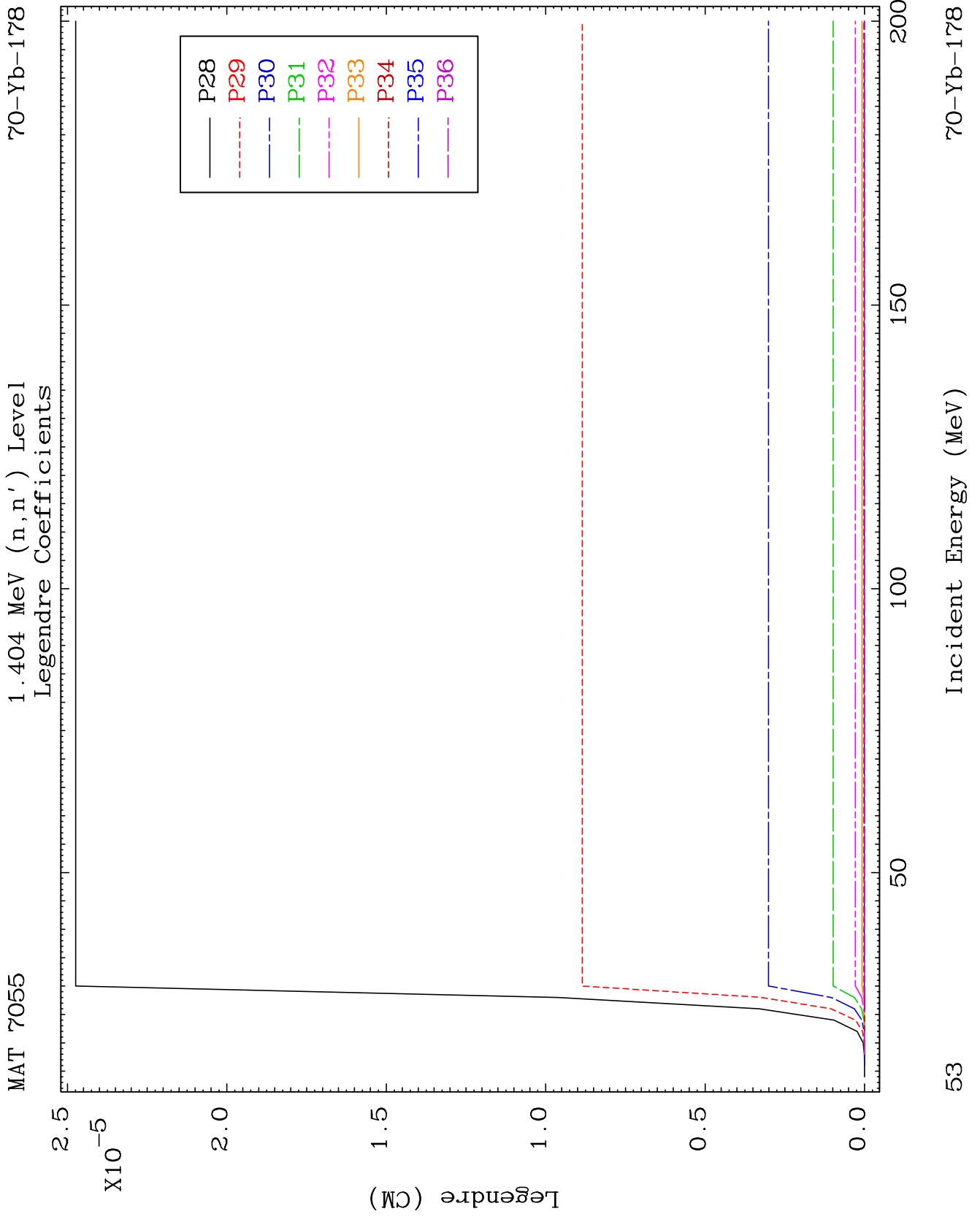
1.404 MeV (n,n') Level
Legendre Coefficients

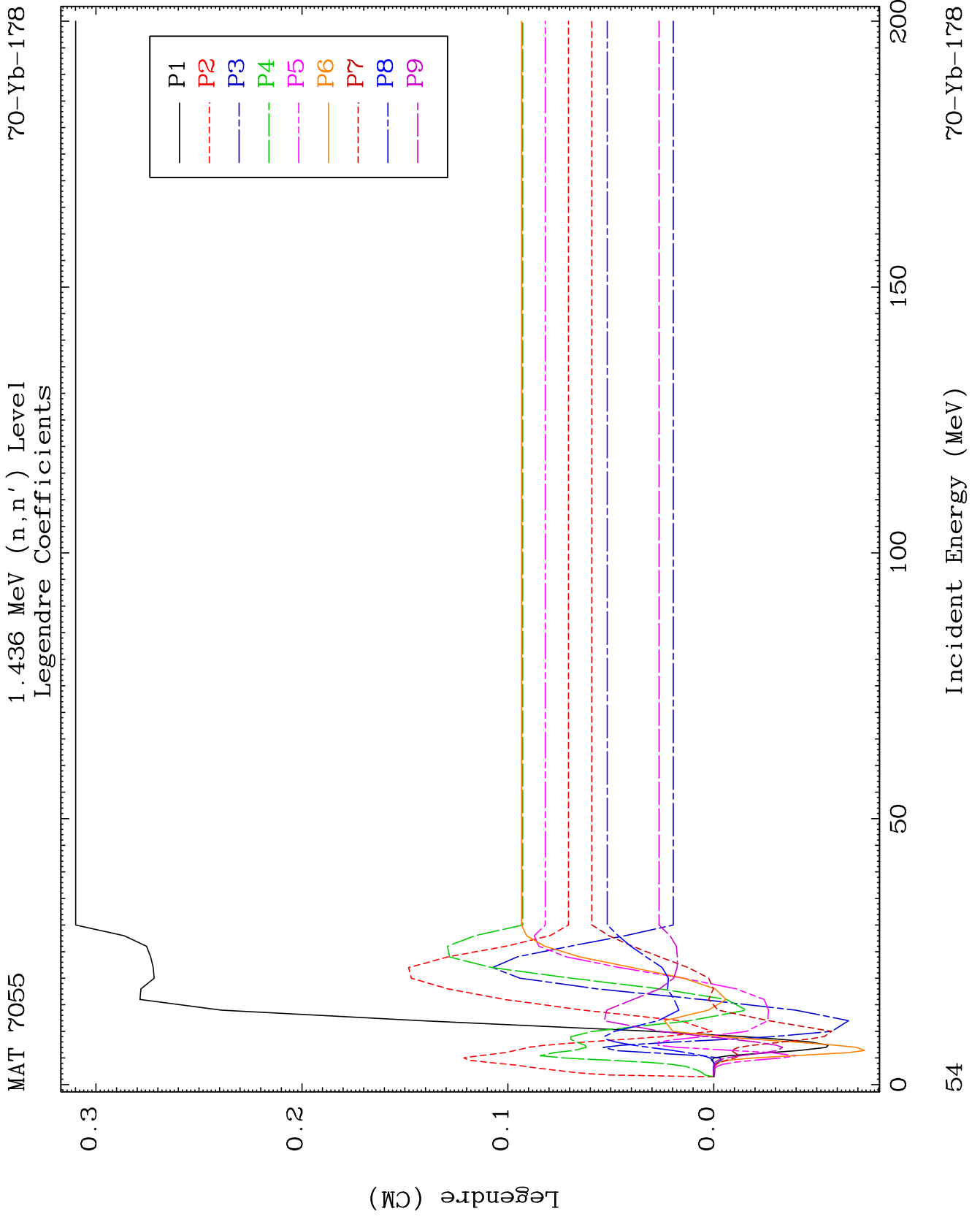
70-Yb-178

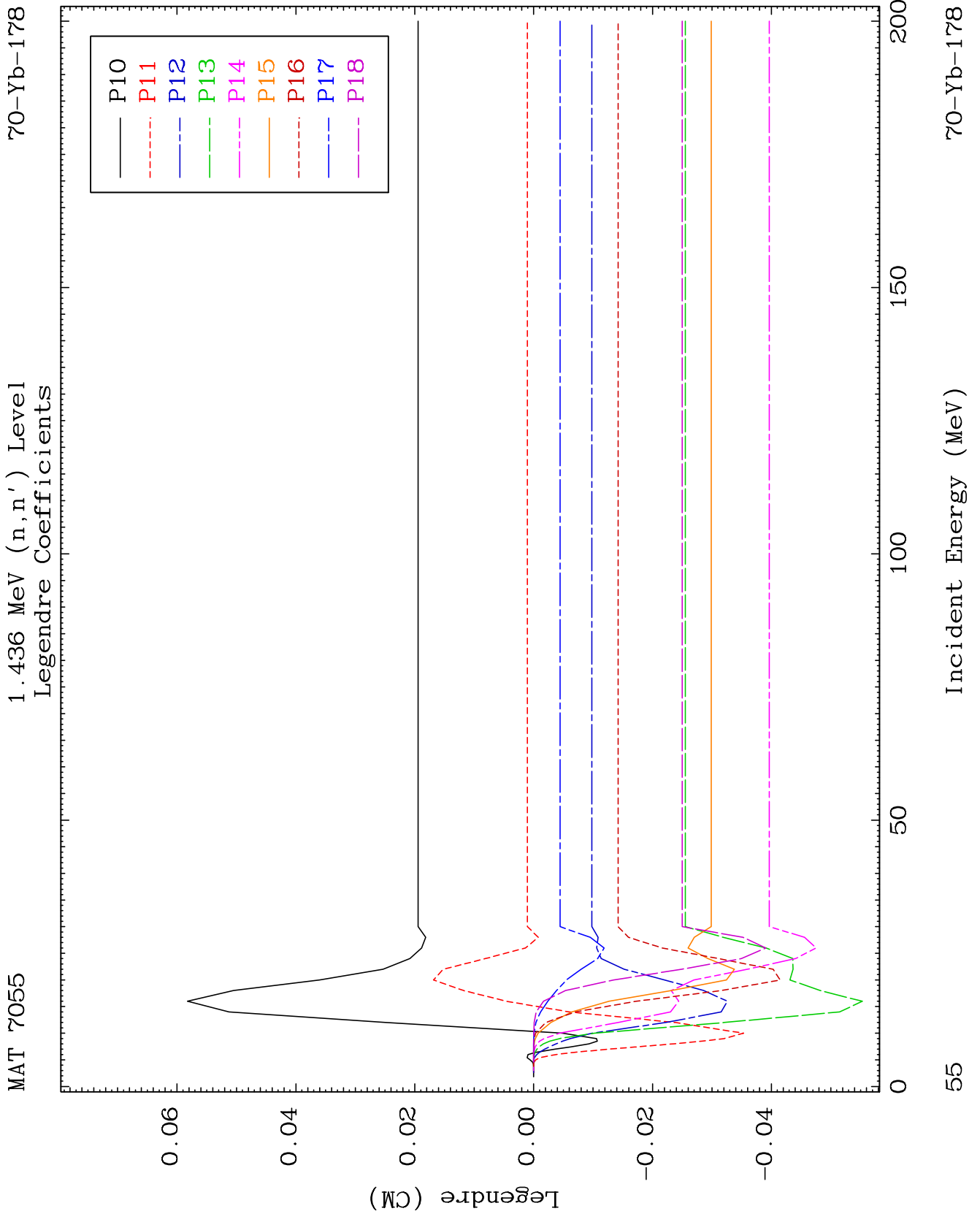


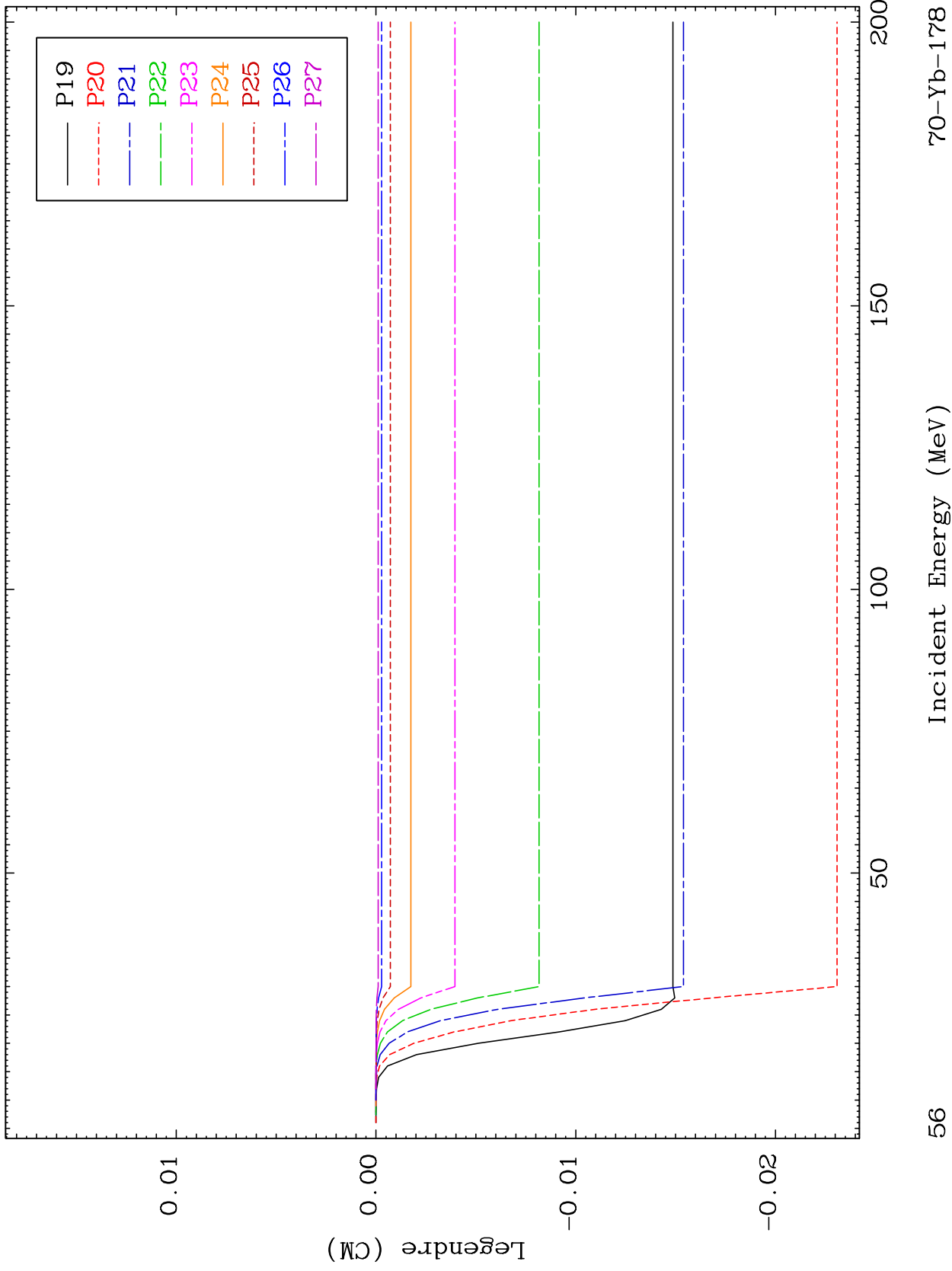
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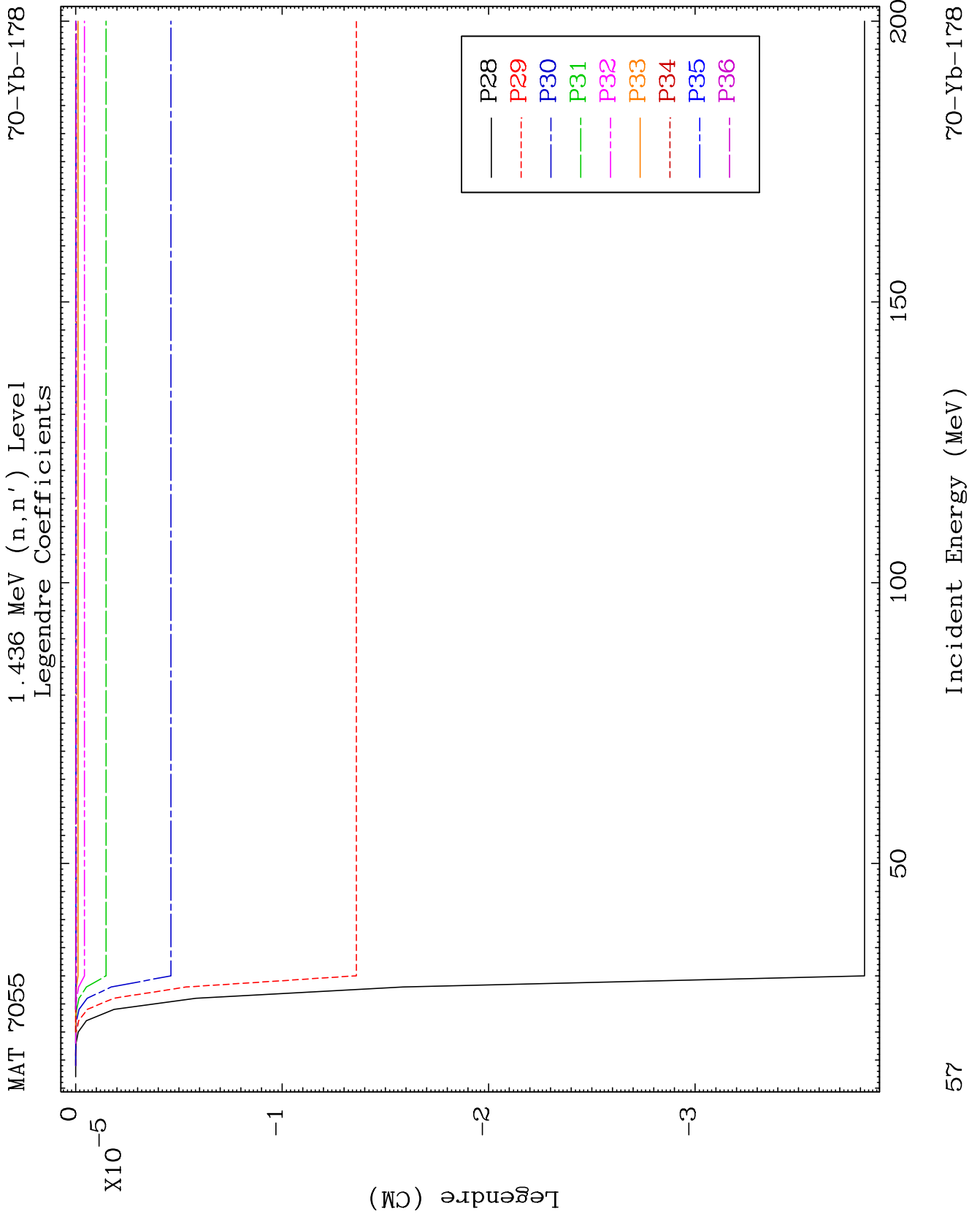


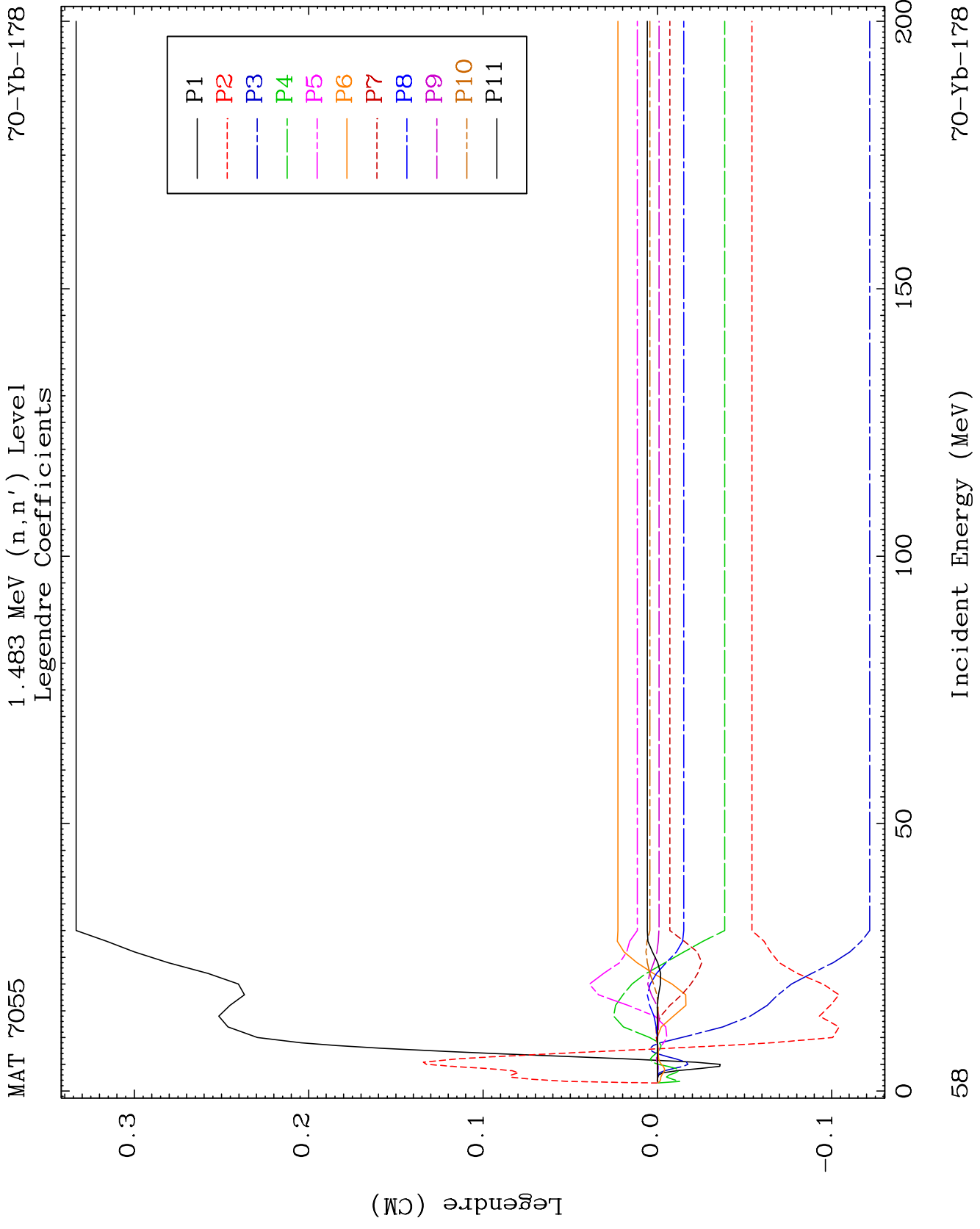








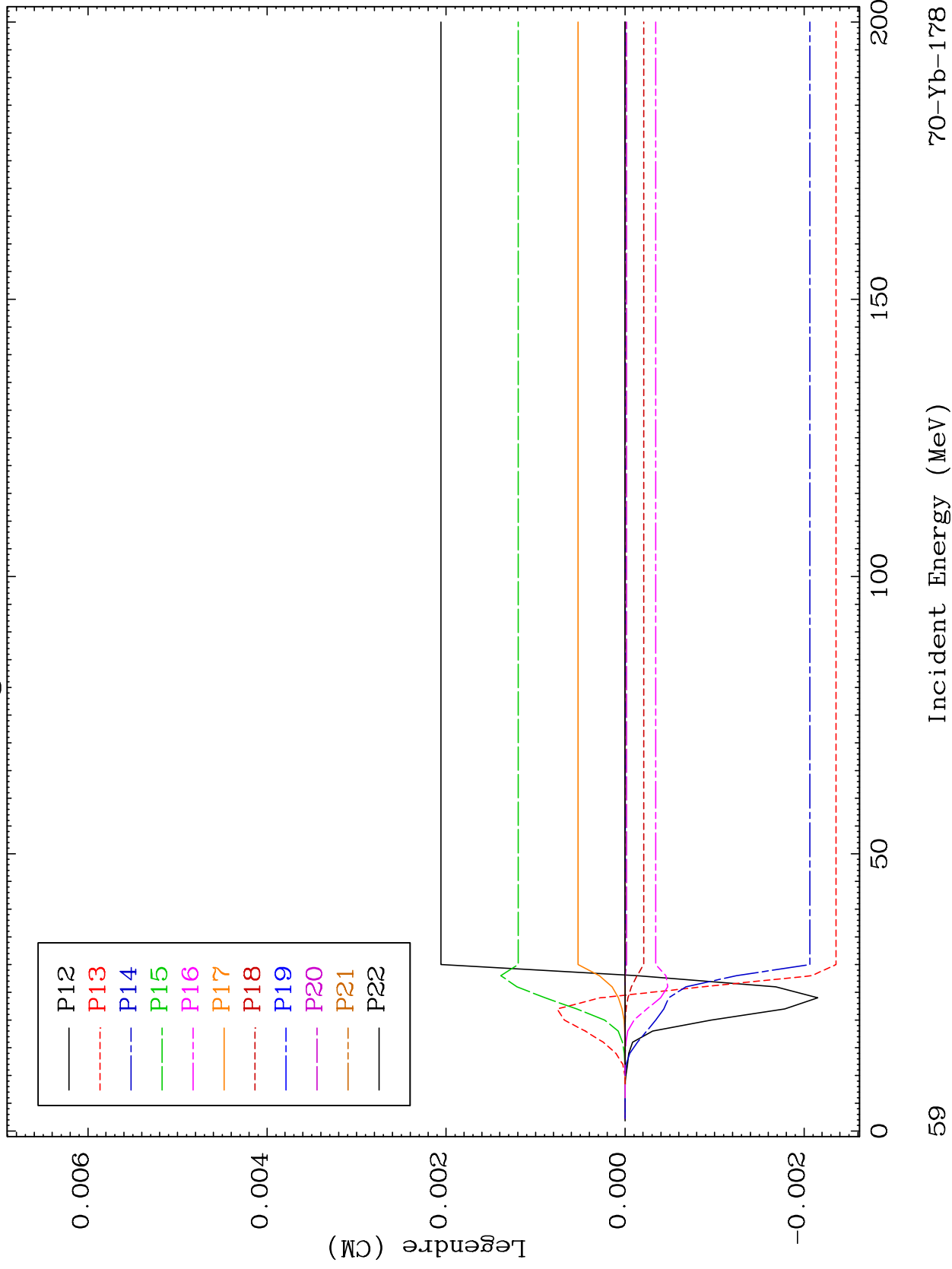




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1.483 MeV (n,n') Level
Legendre Coefficients

70-Yb-178



59

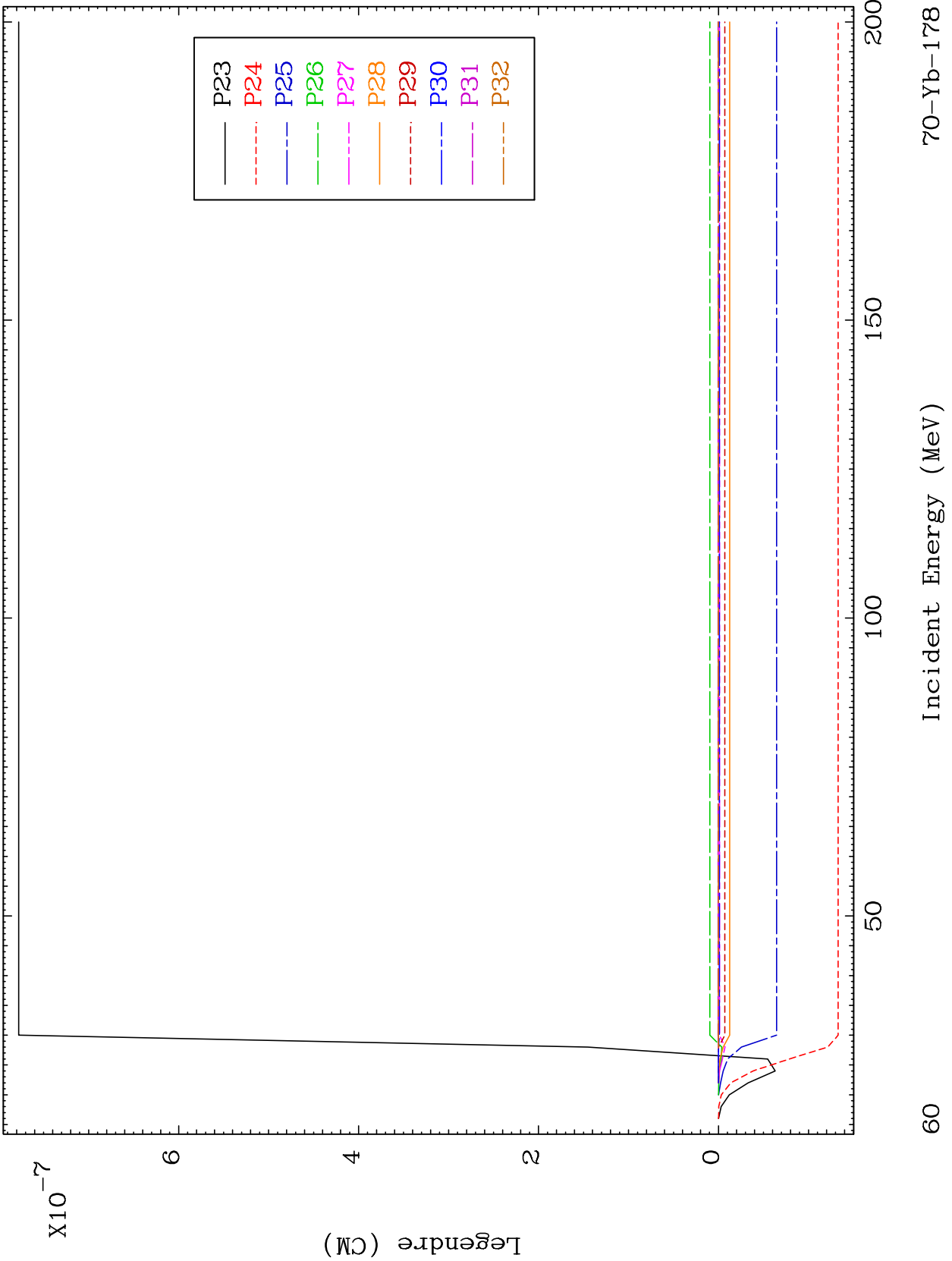
Incident Energy (MeV)

70-Yb-178

MAT 7055

1.483 MeV (n,n') Level
Legendre Coefficients

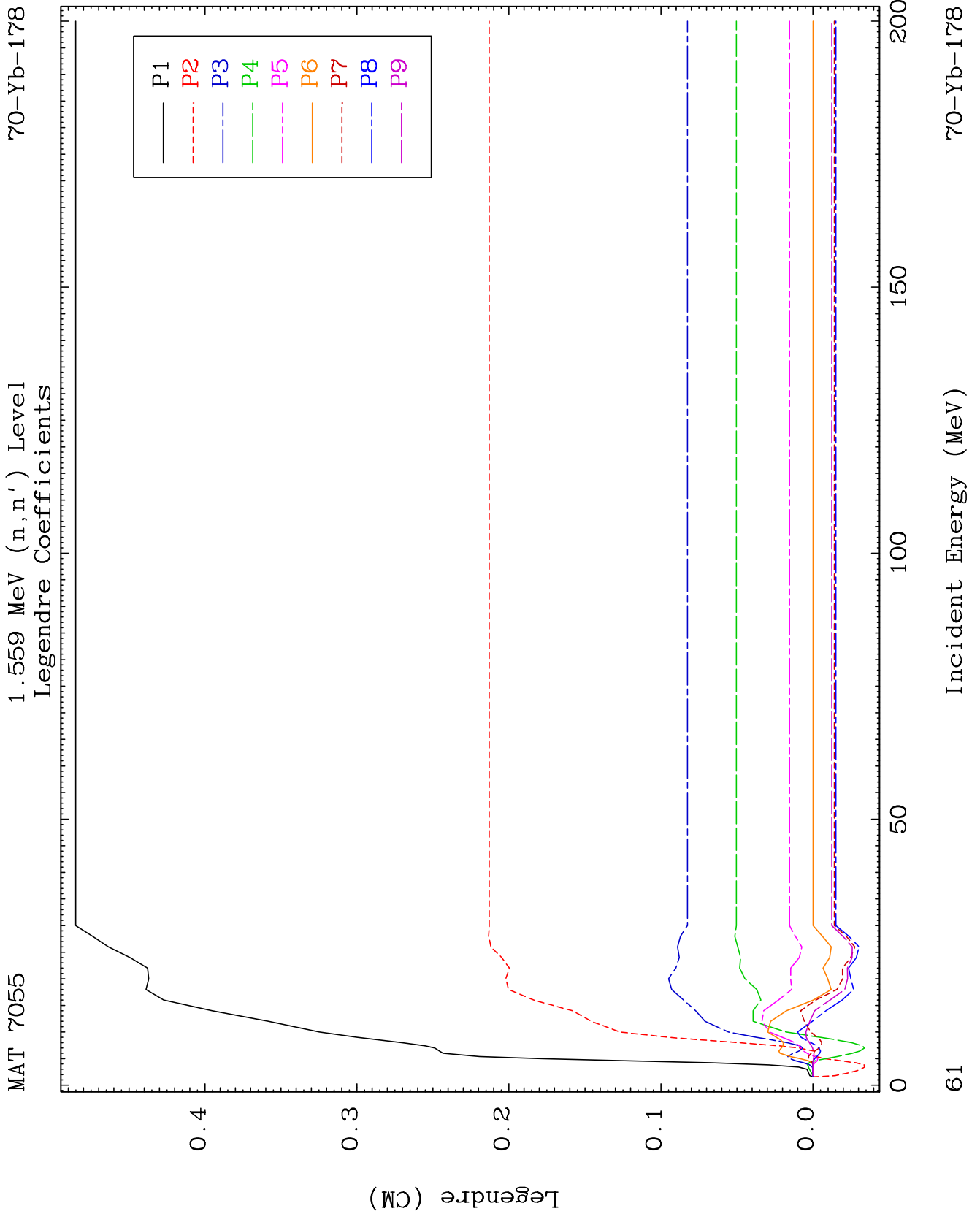
70-Yb-178



60

Incident Energy (MeV)

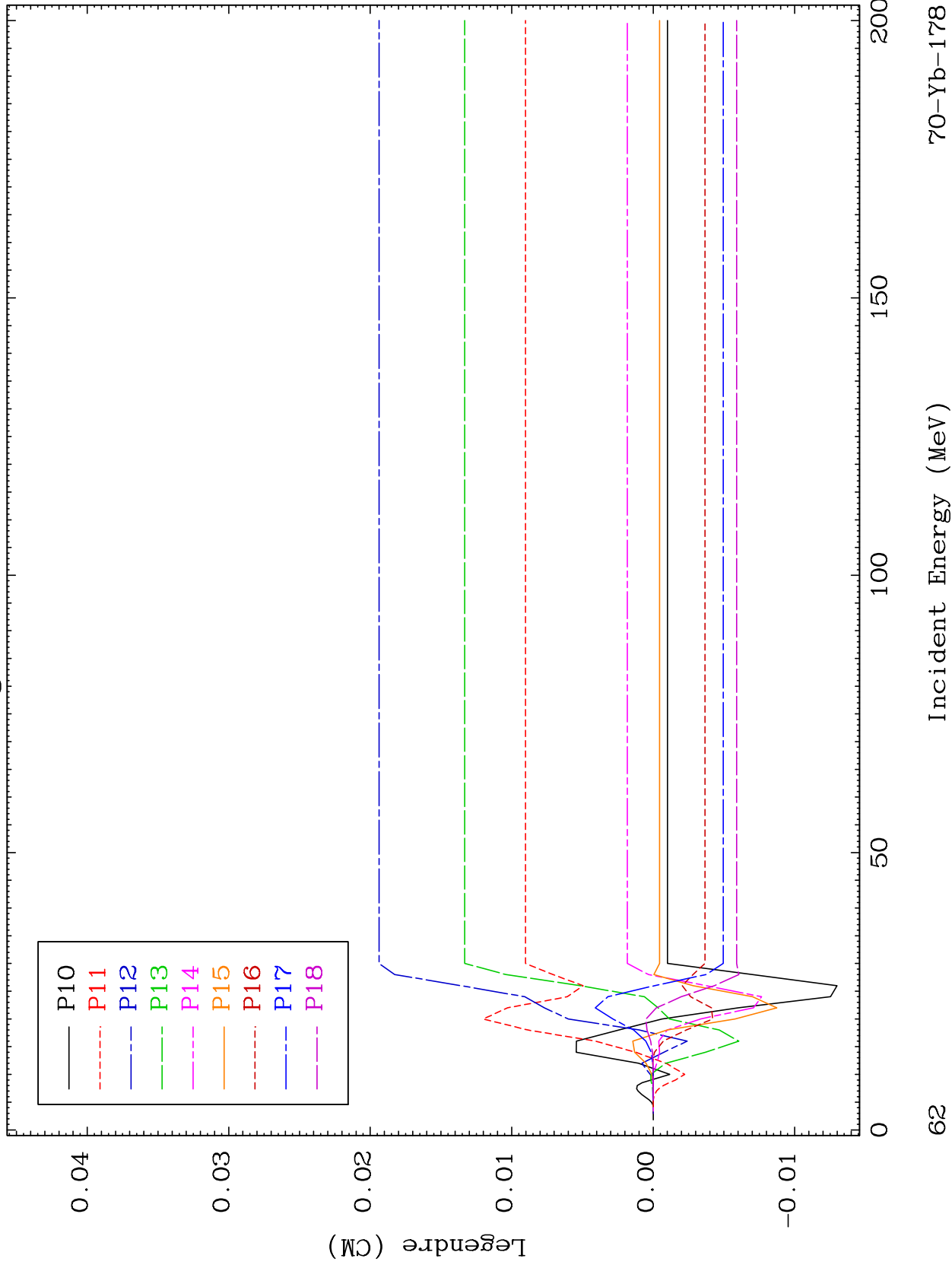
70-Yb-178



MAT 7055

1.559 MeV (n, n') Level
Legendre Coefficients

70-Yb-178



70-Yb-178

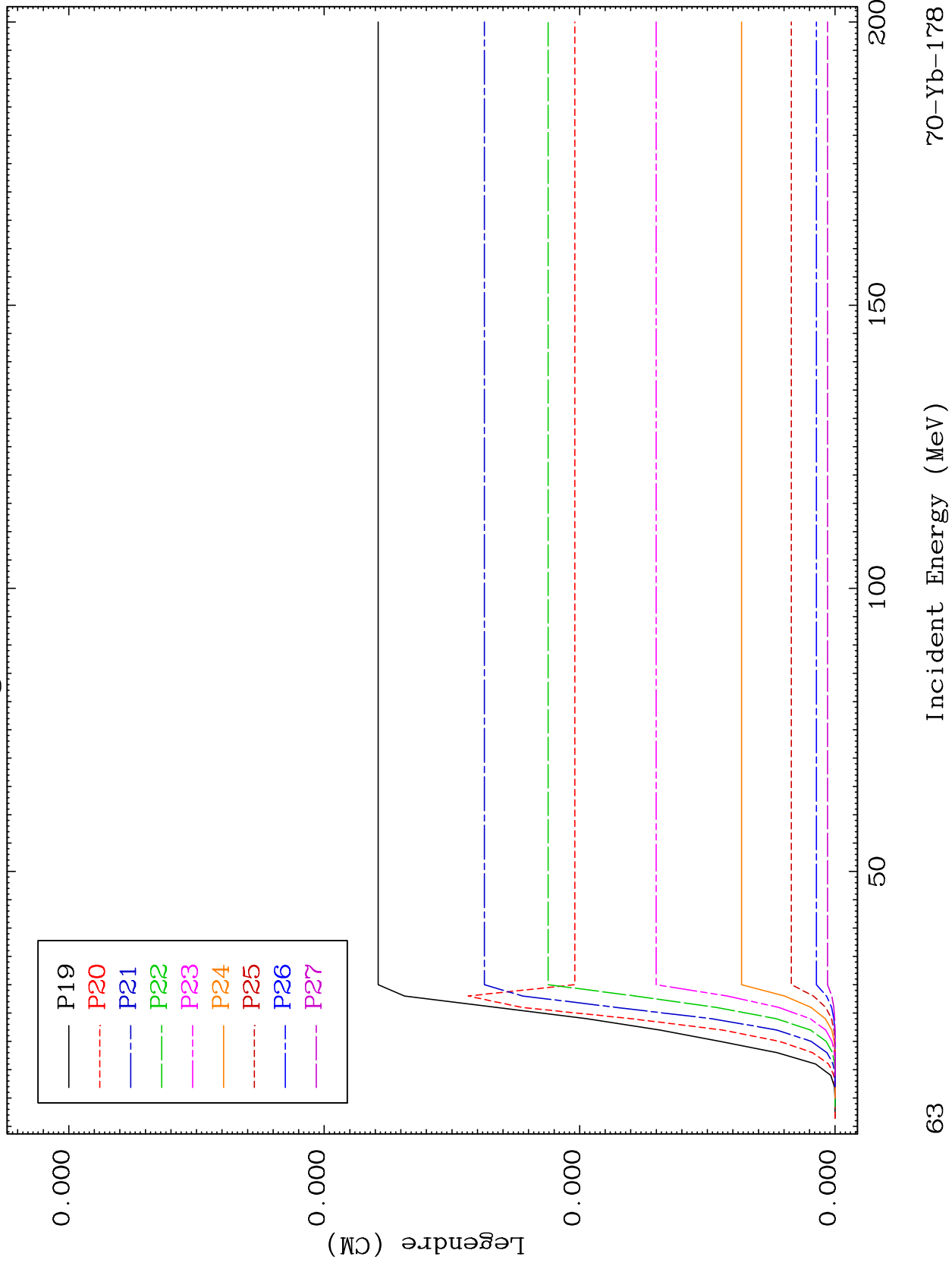
Incident Energy (MeV)

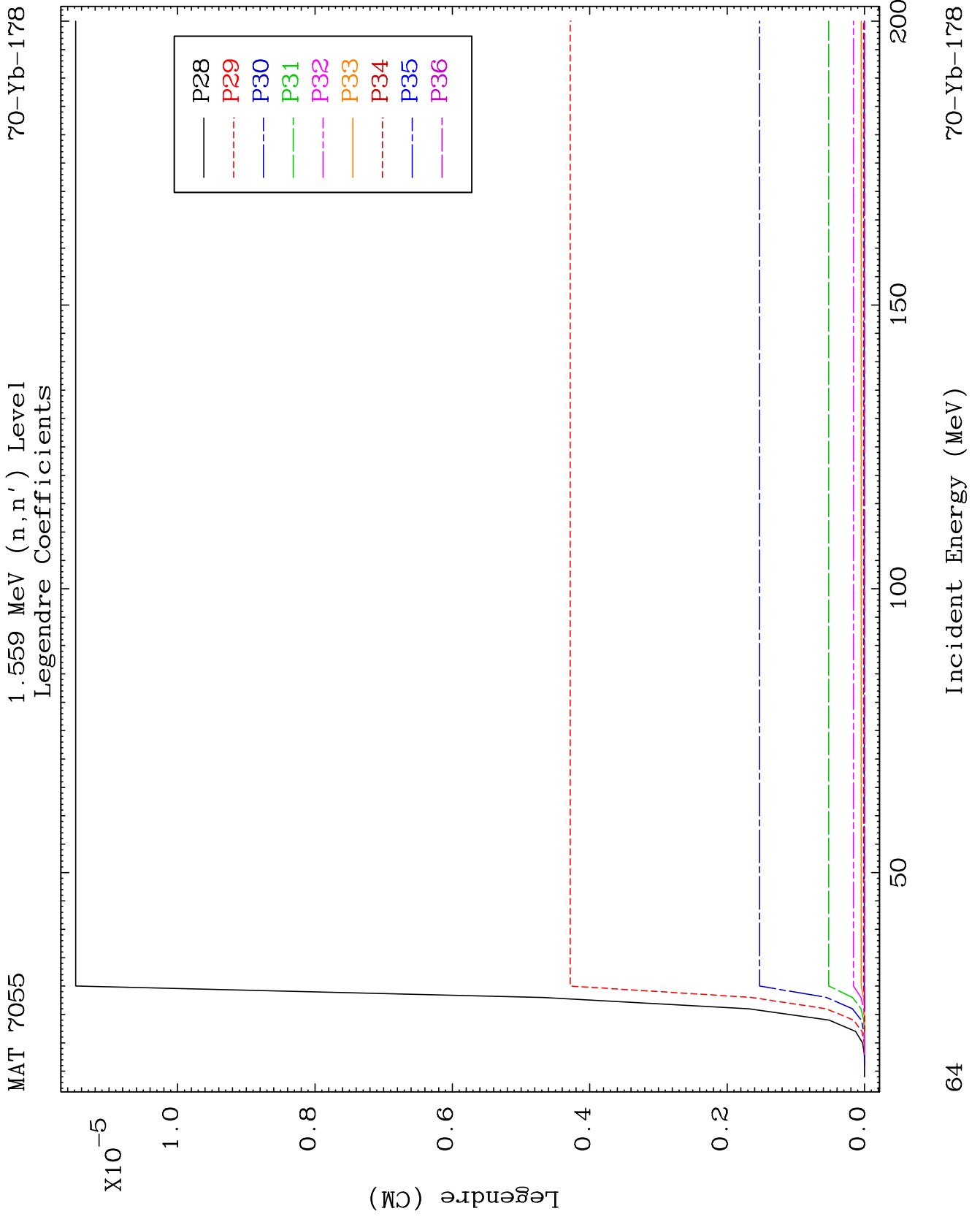
62

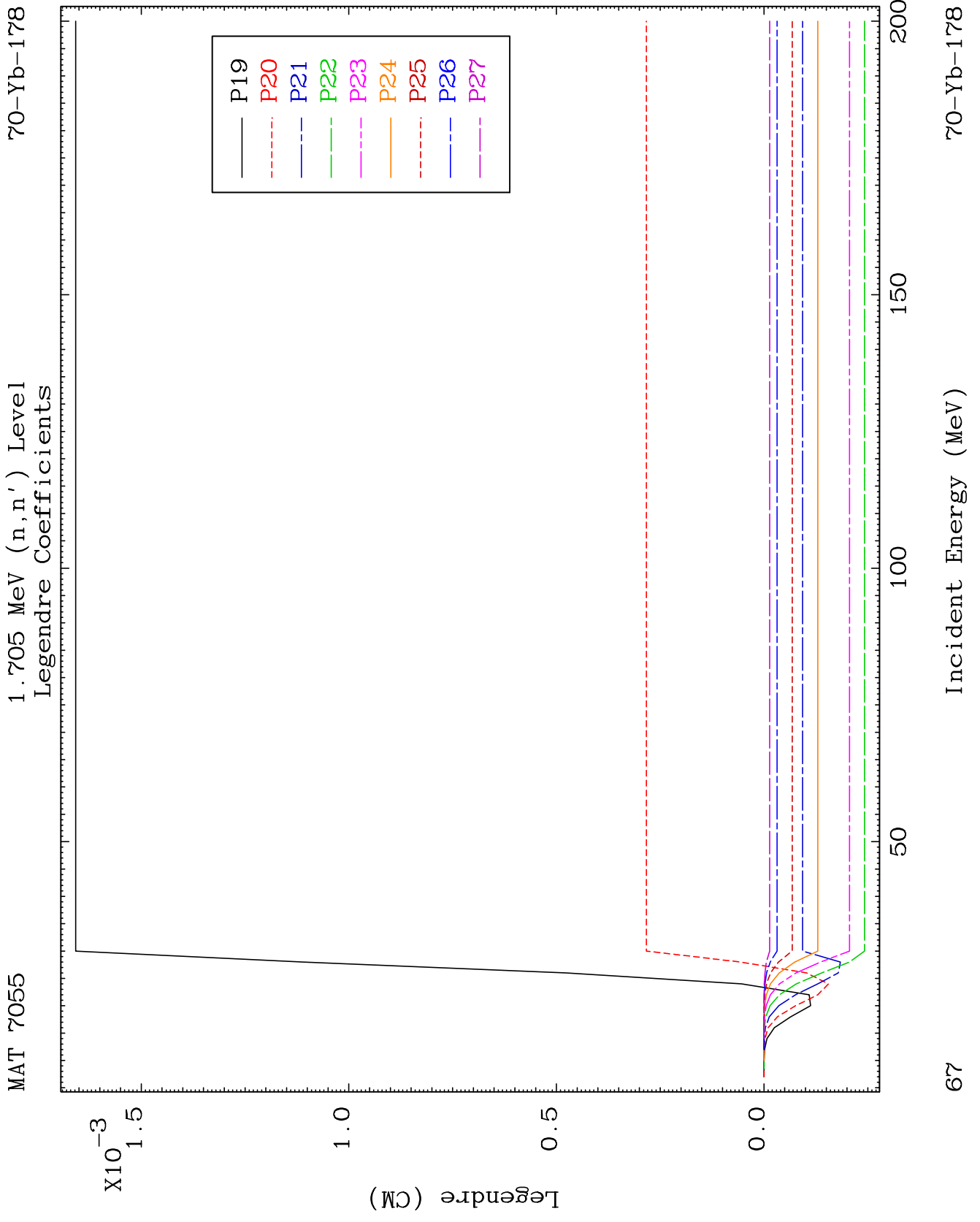
MAT 7055

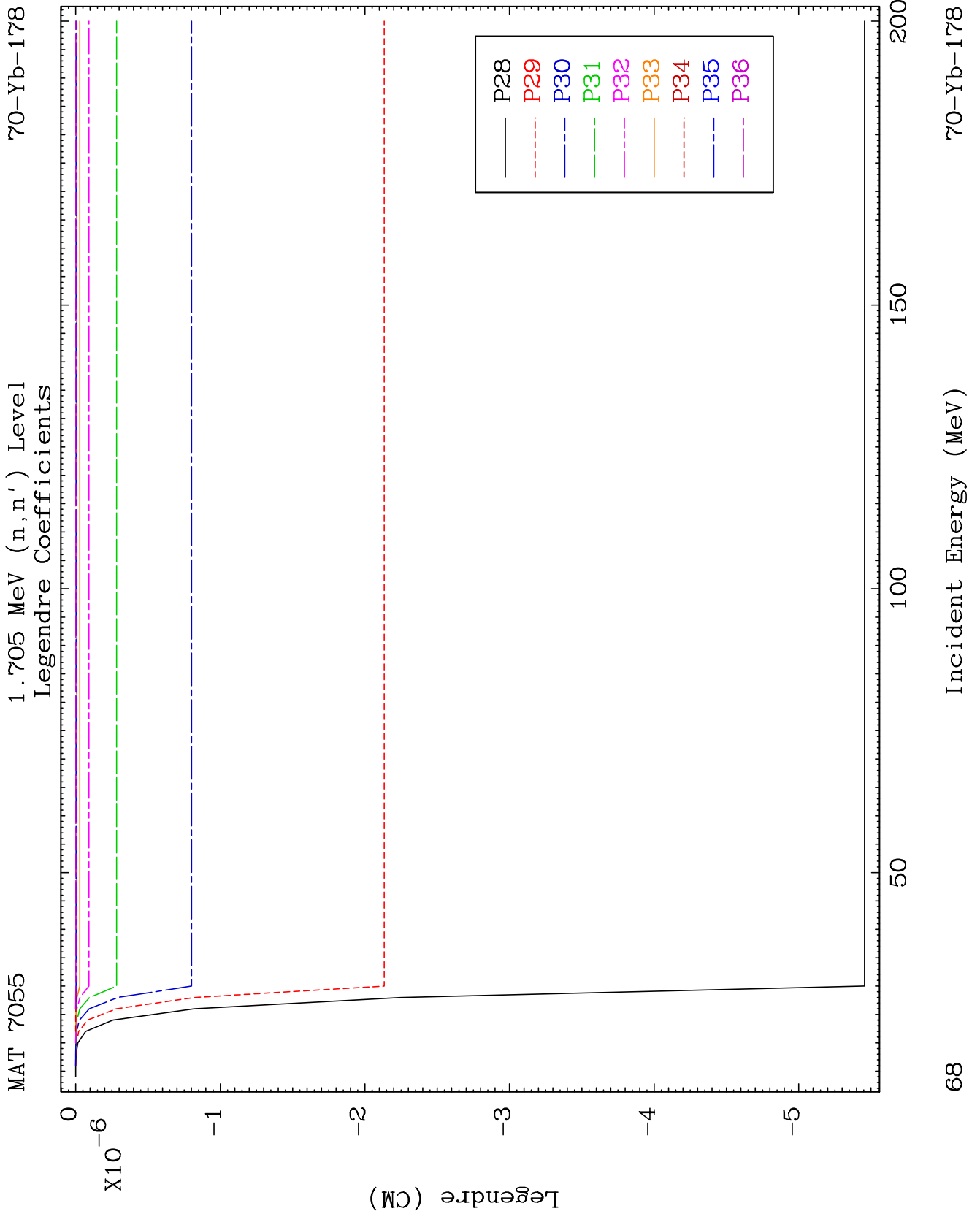
1.559 MeV (n,n') Level
Legendre Coefficients

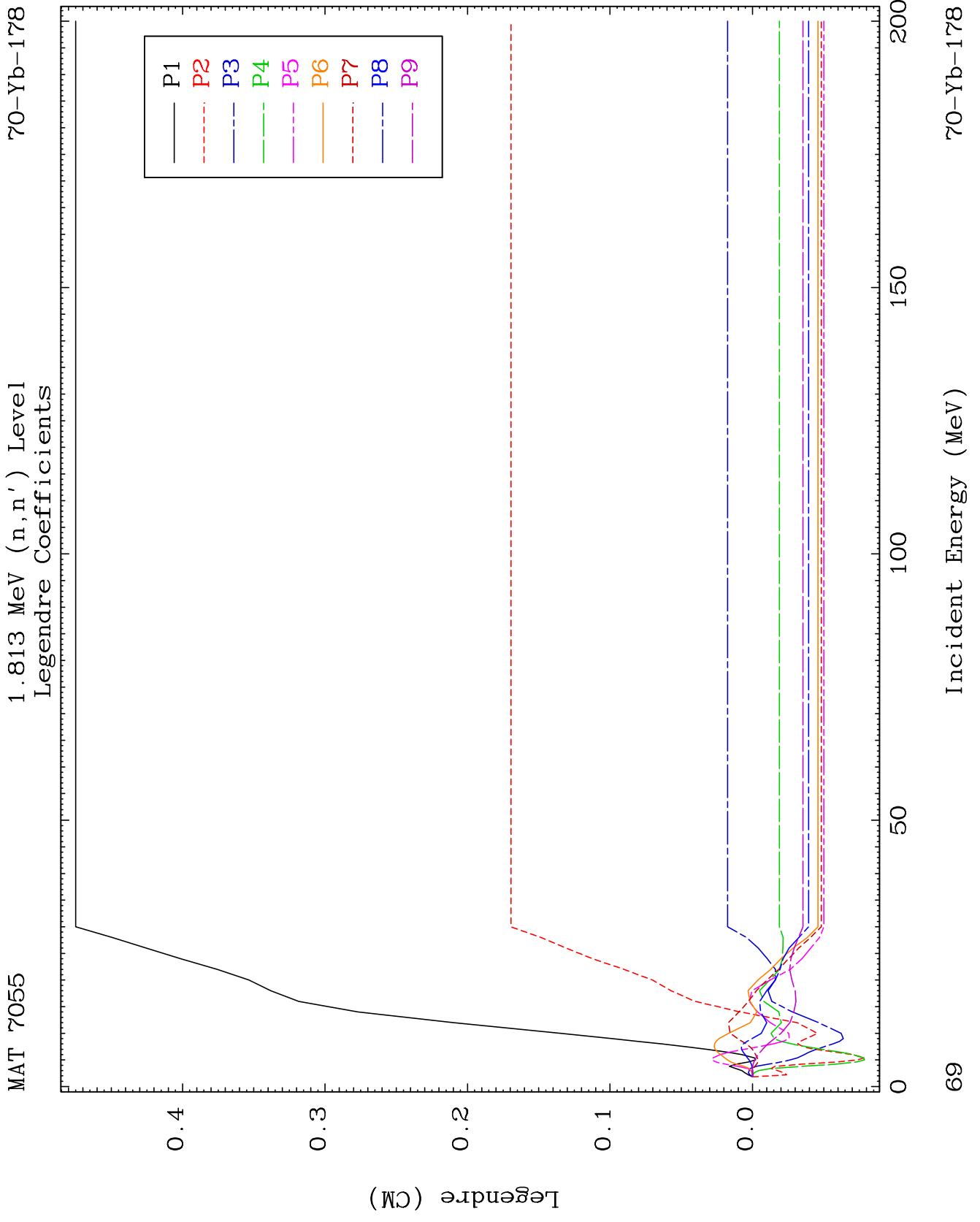
70-Yb-178







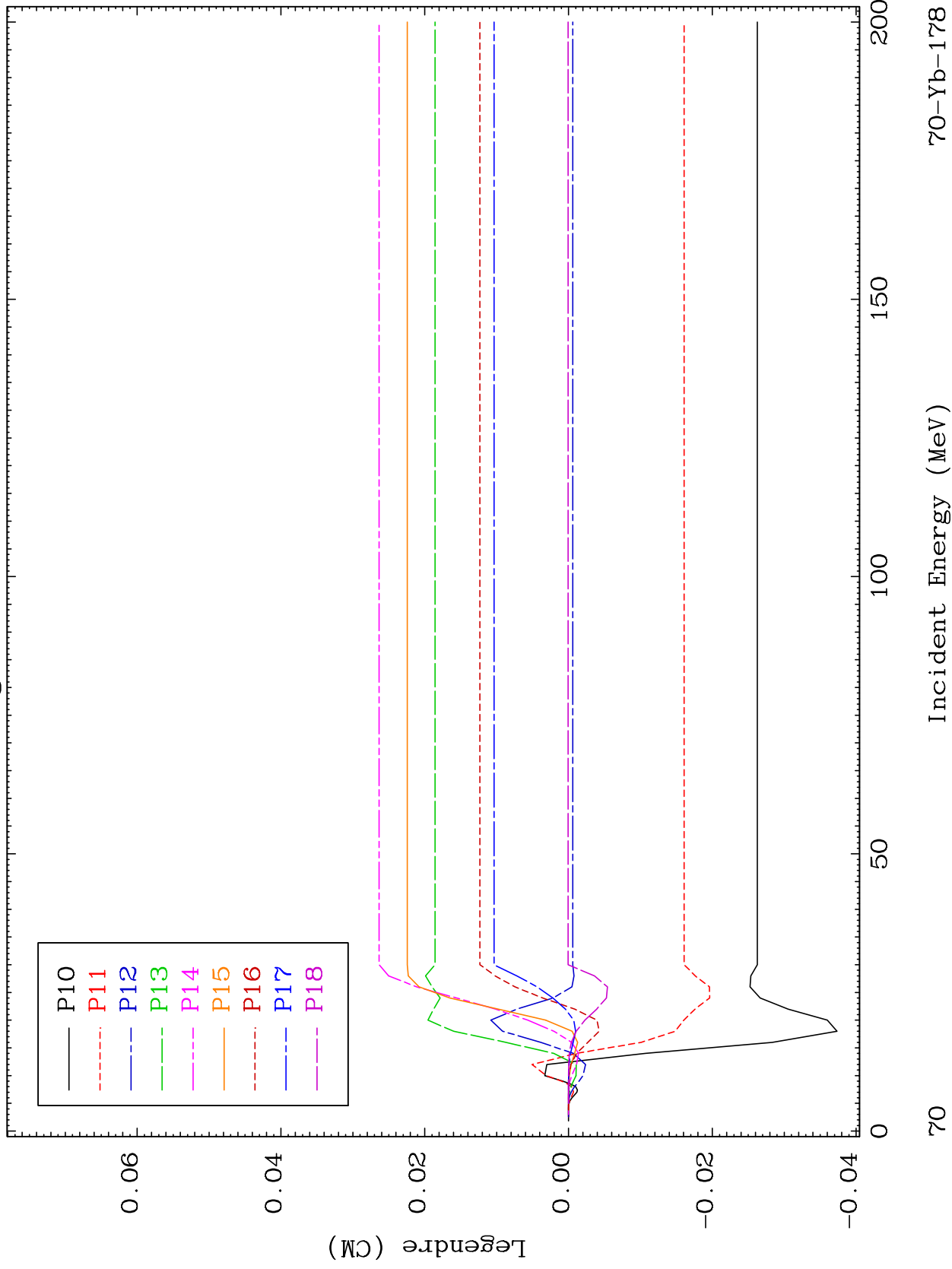




MAT 7055

1.813 MeV (n,n') Level
Legendre Coefficients

70-Yb-178



70-Yb-178

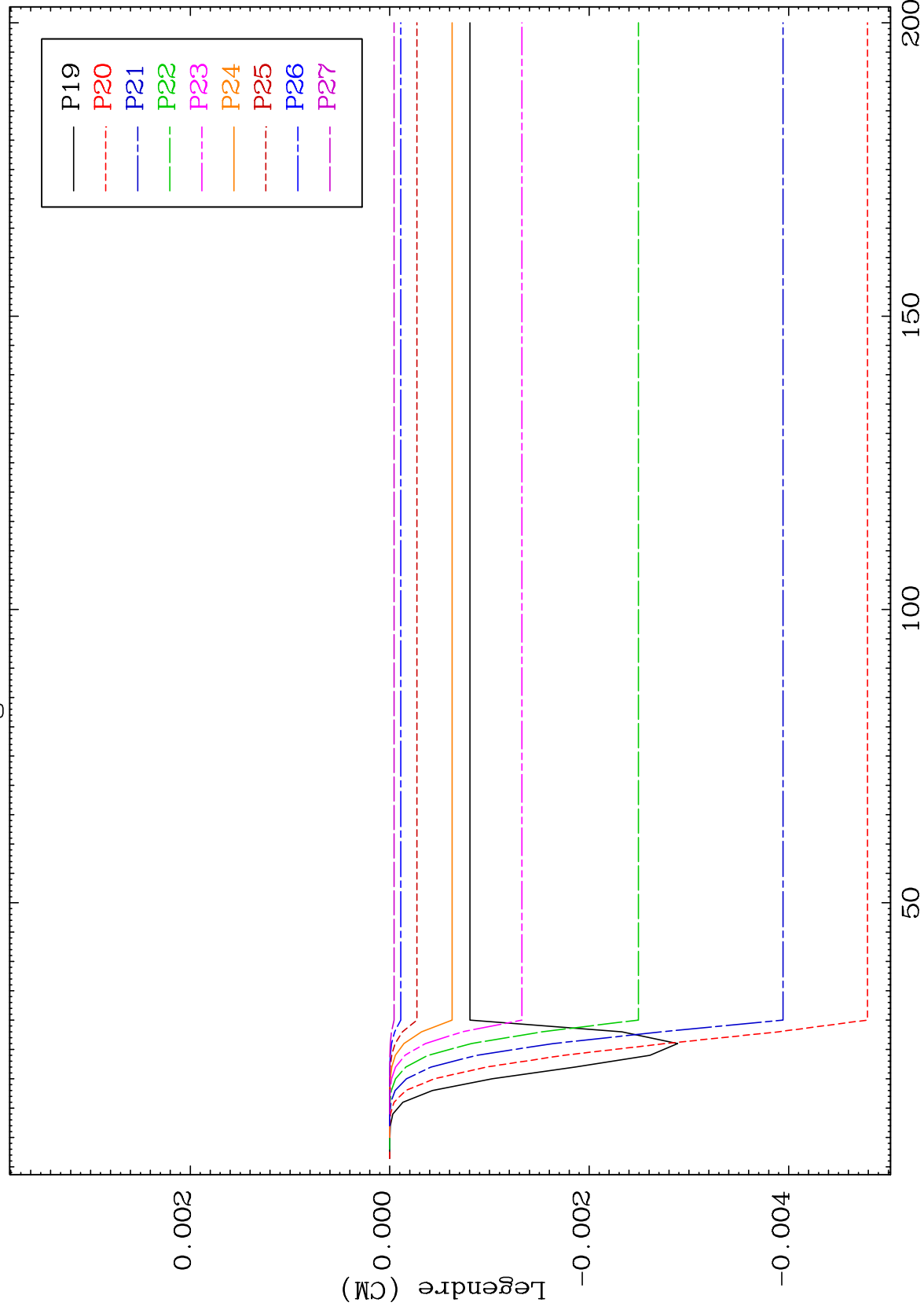
Incident Energy (MeV)

70

MAT 7055

1.813 MeV (n,n') Level Legendre Coefficients

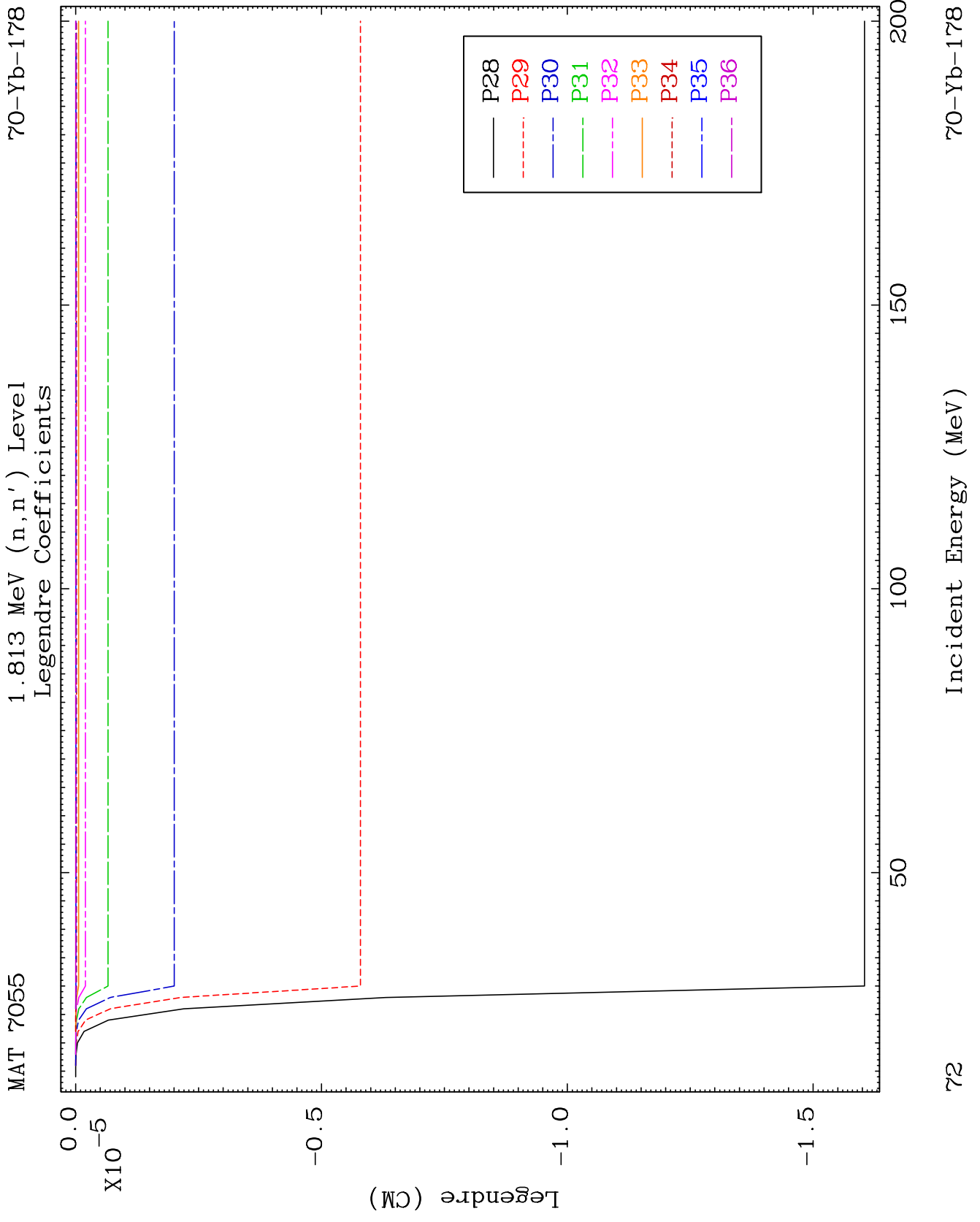
70-Yb-178

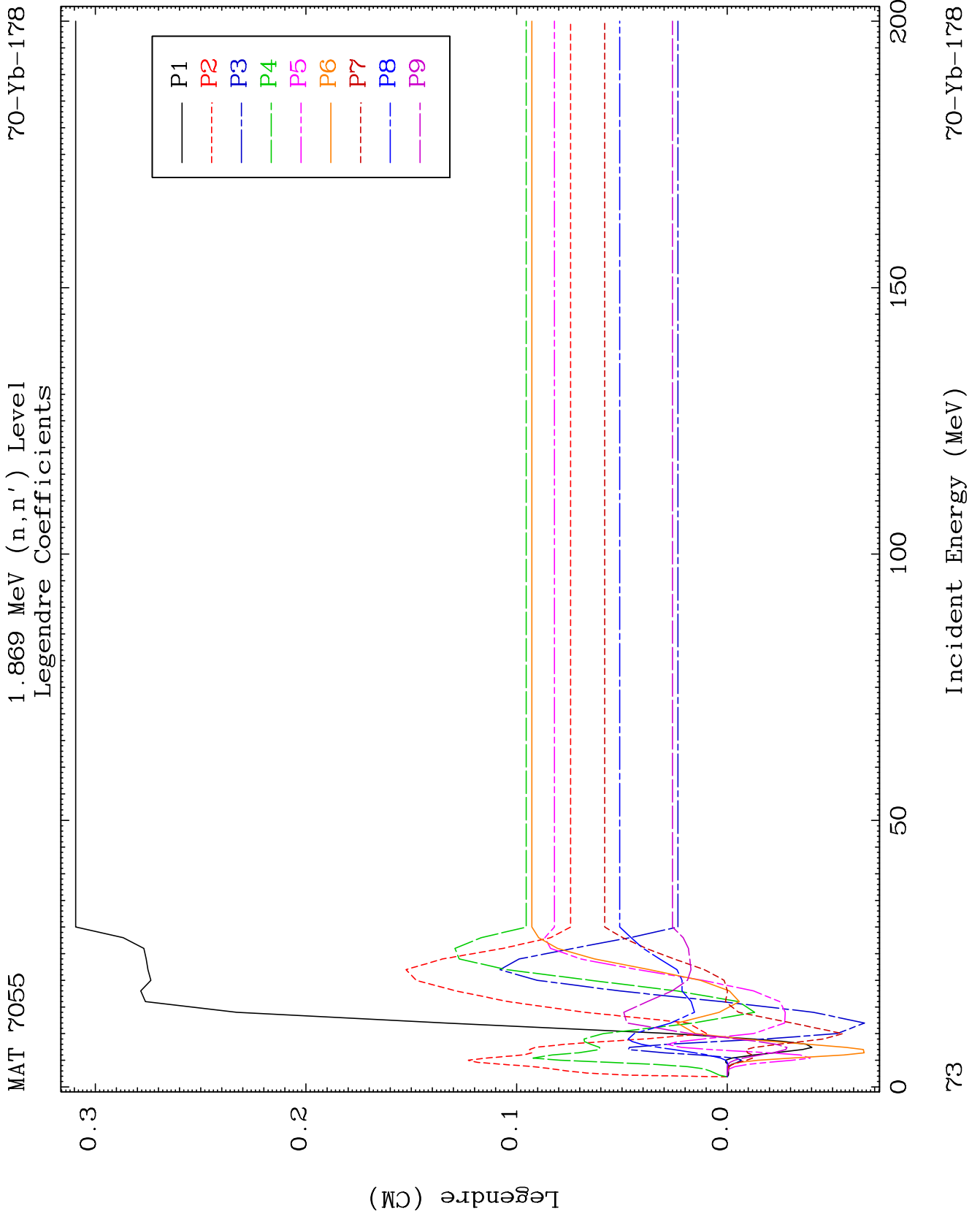


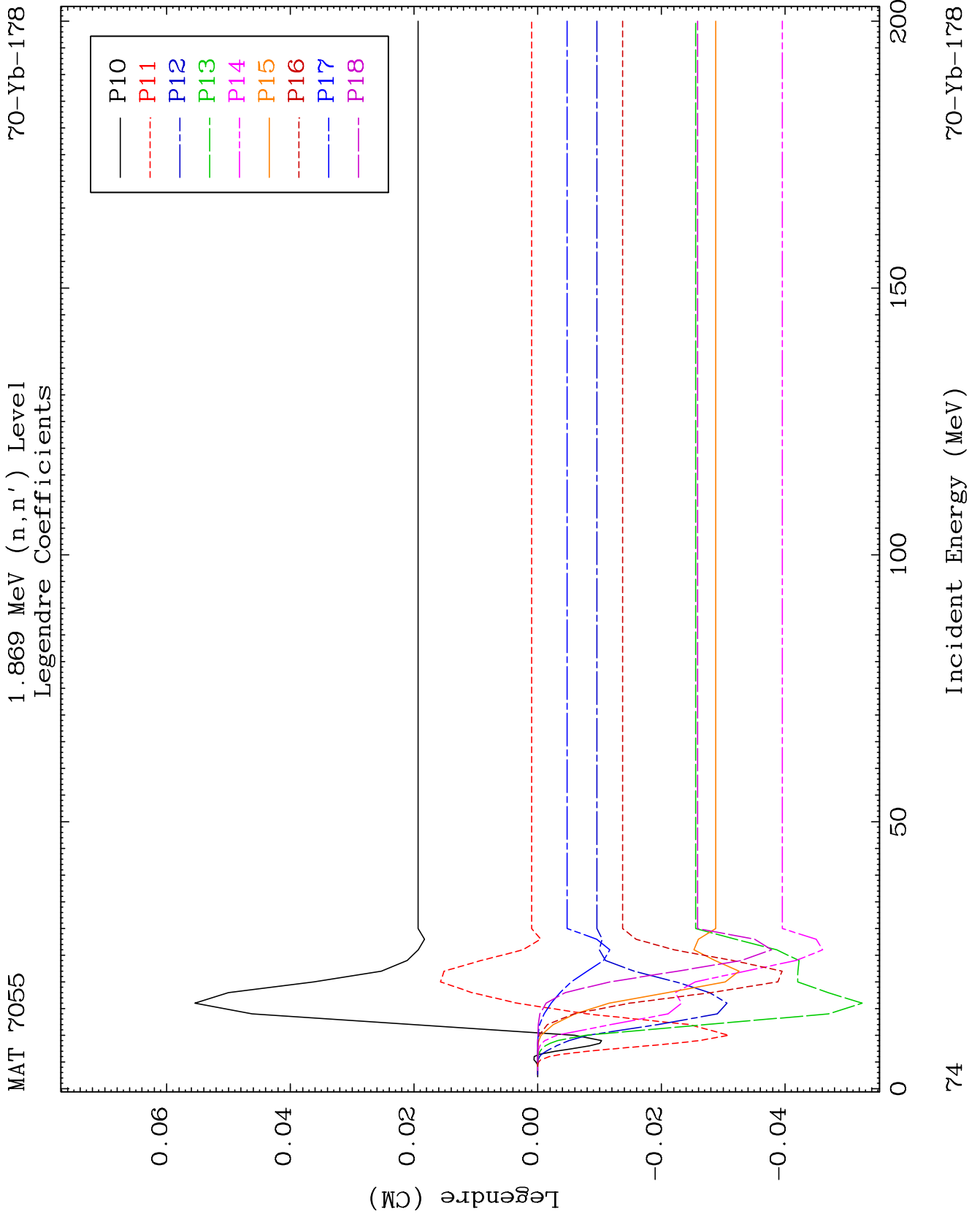
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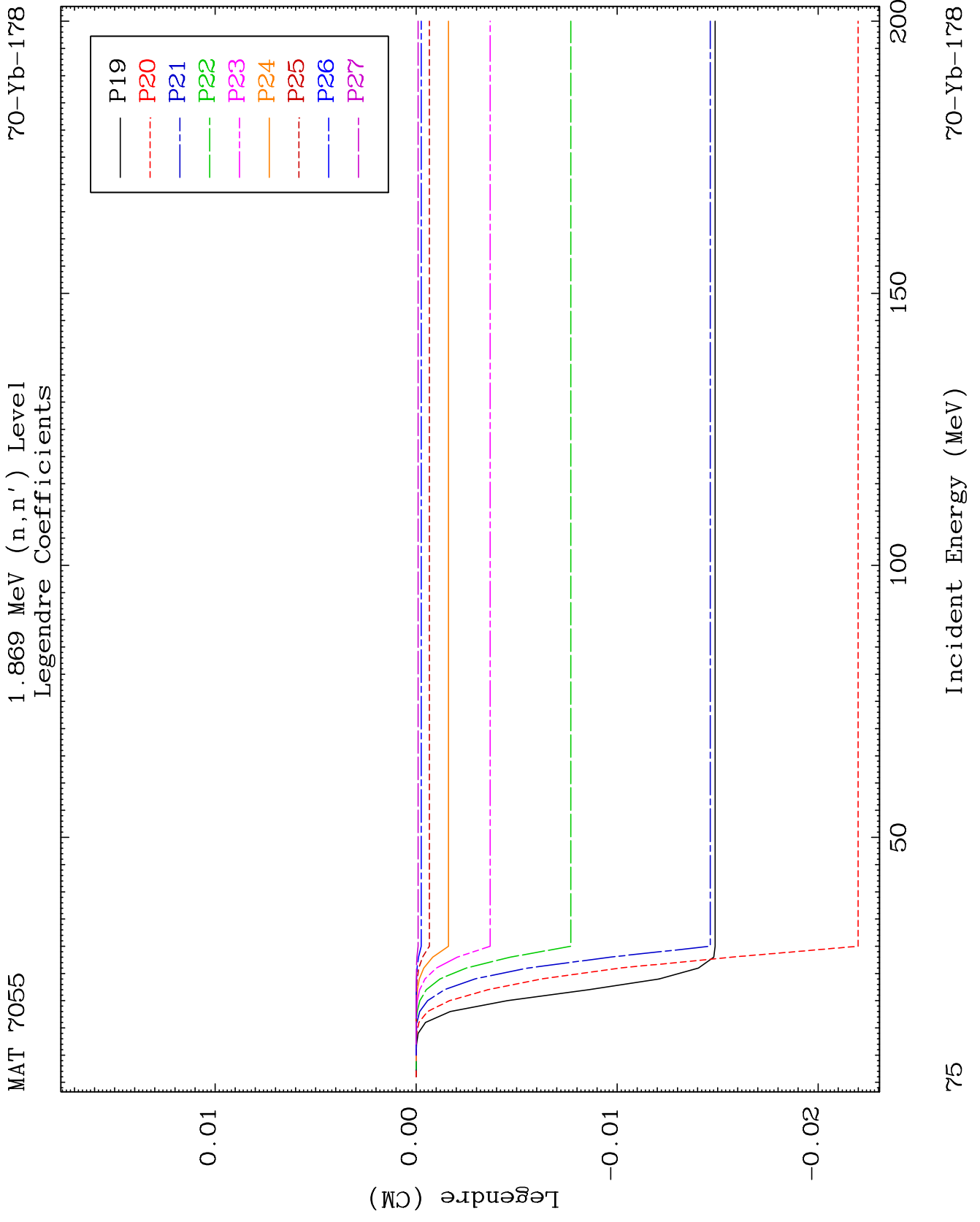
Incident Energy (MeV)

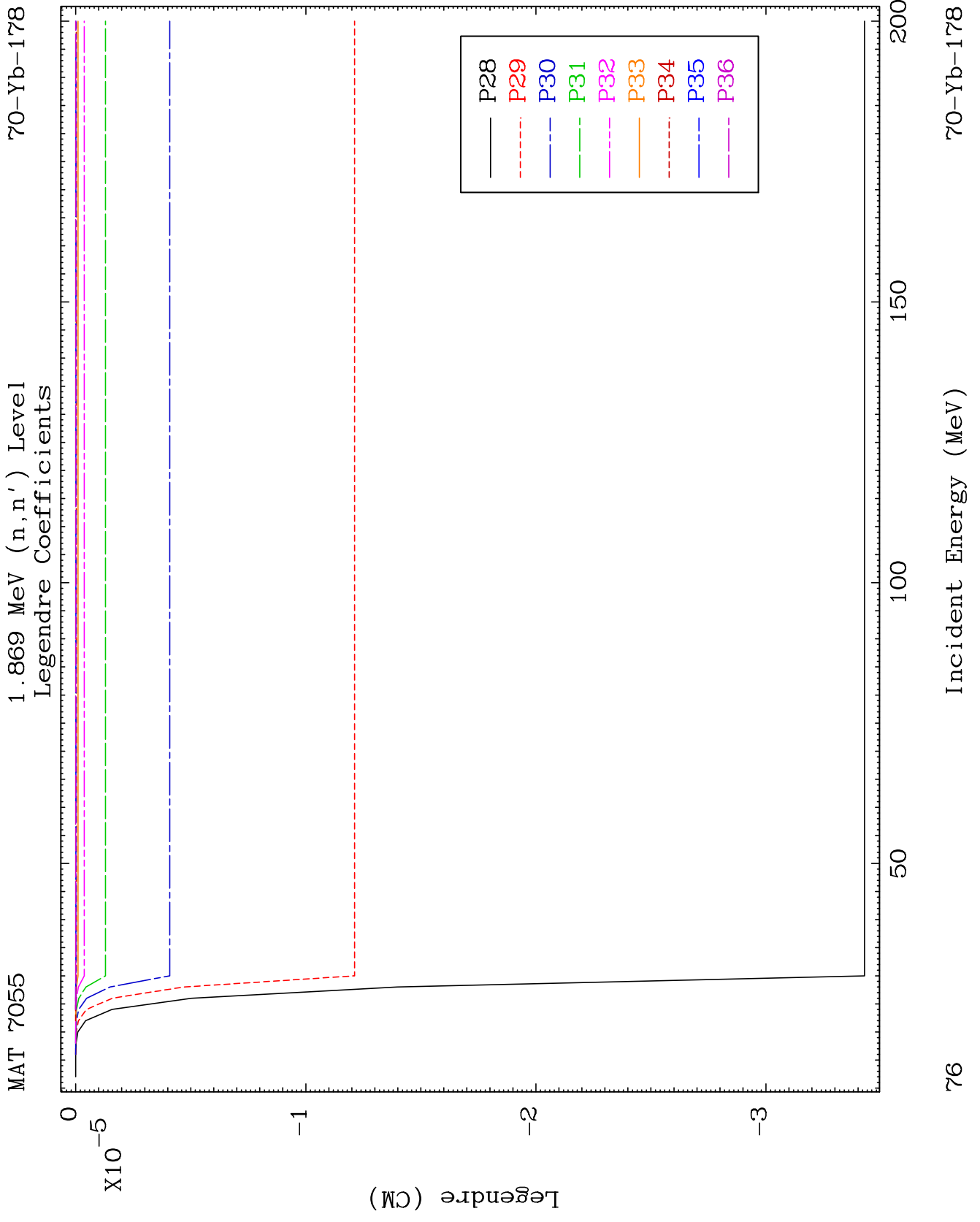
70-Yb-178

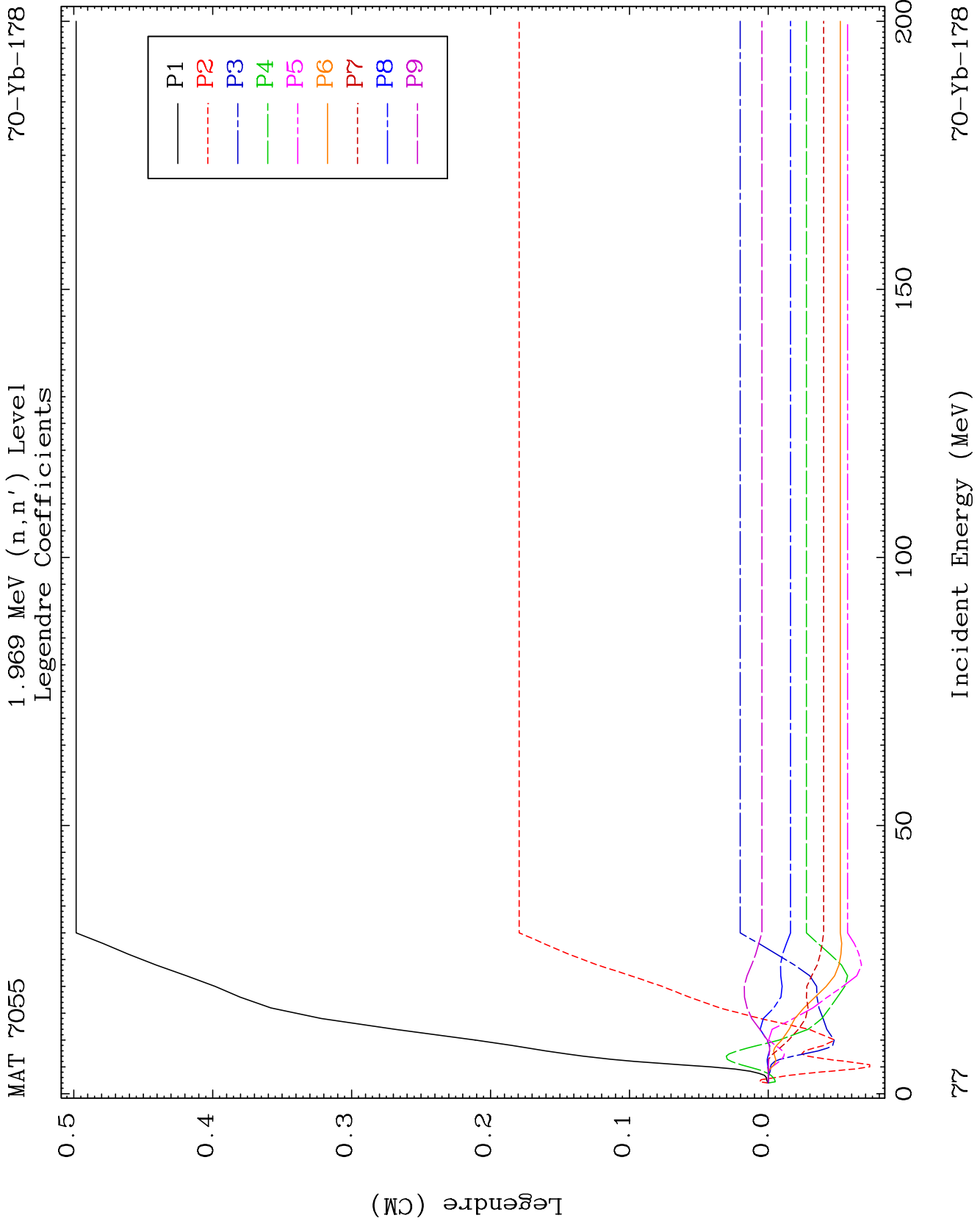


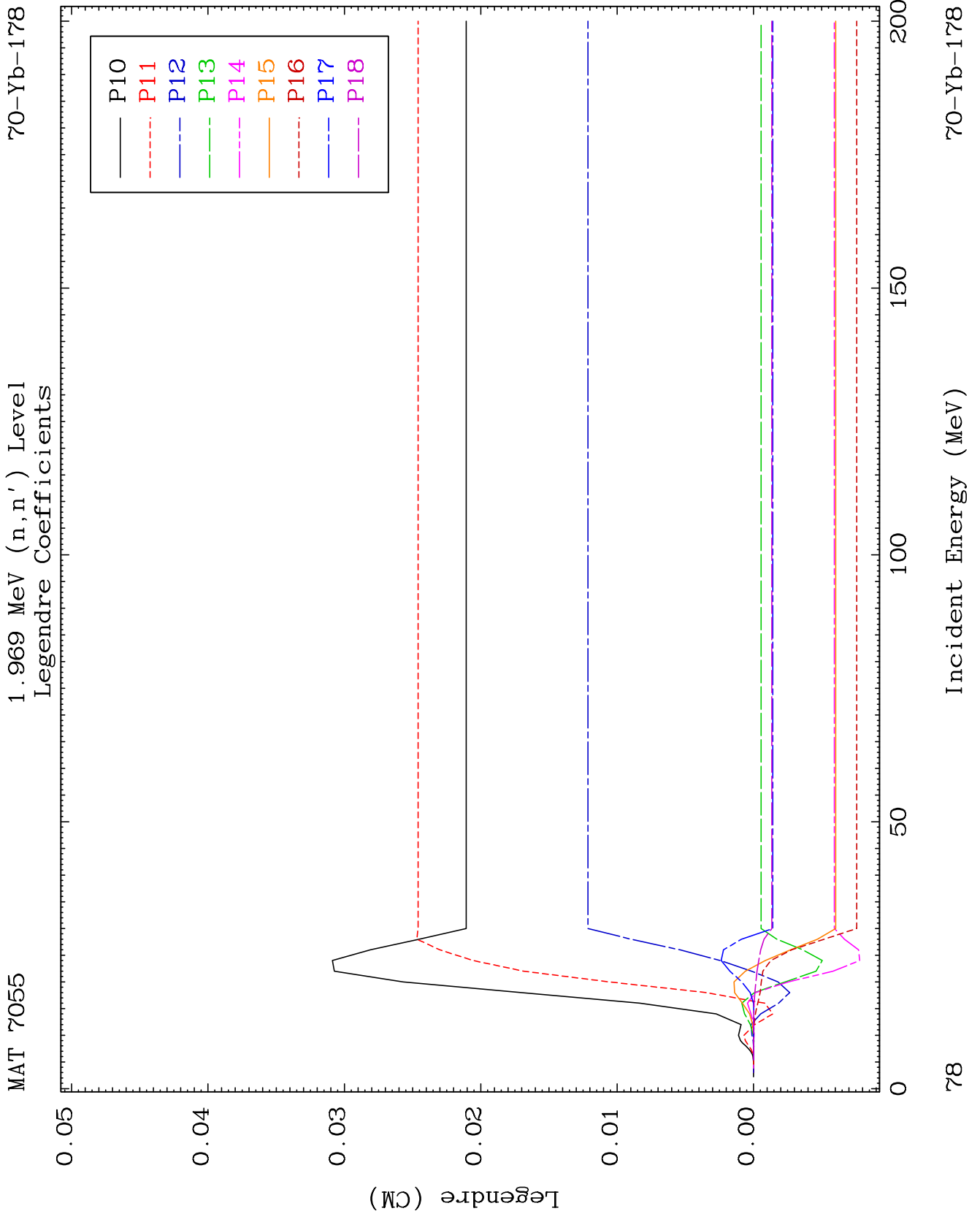


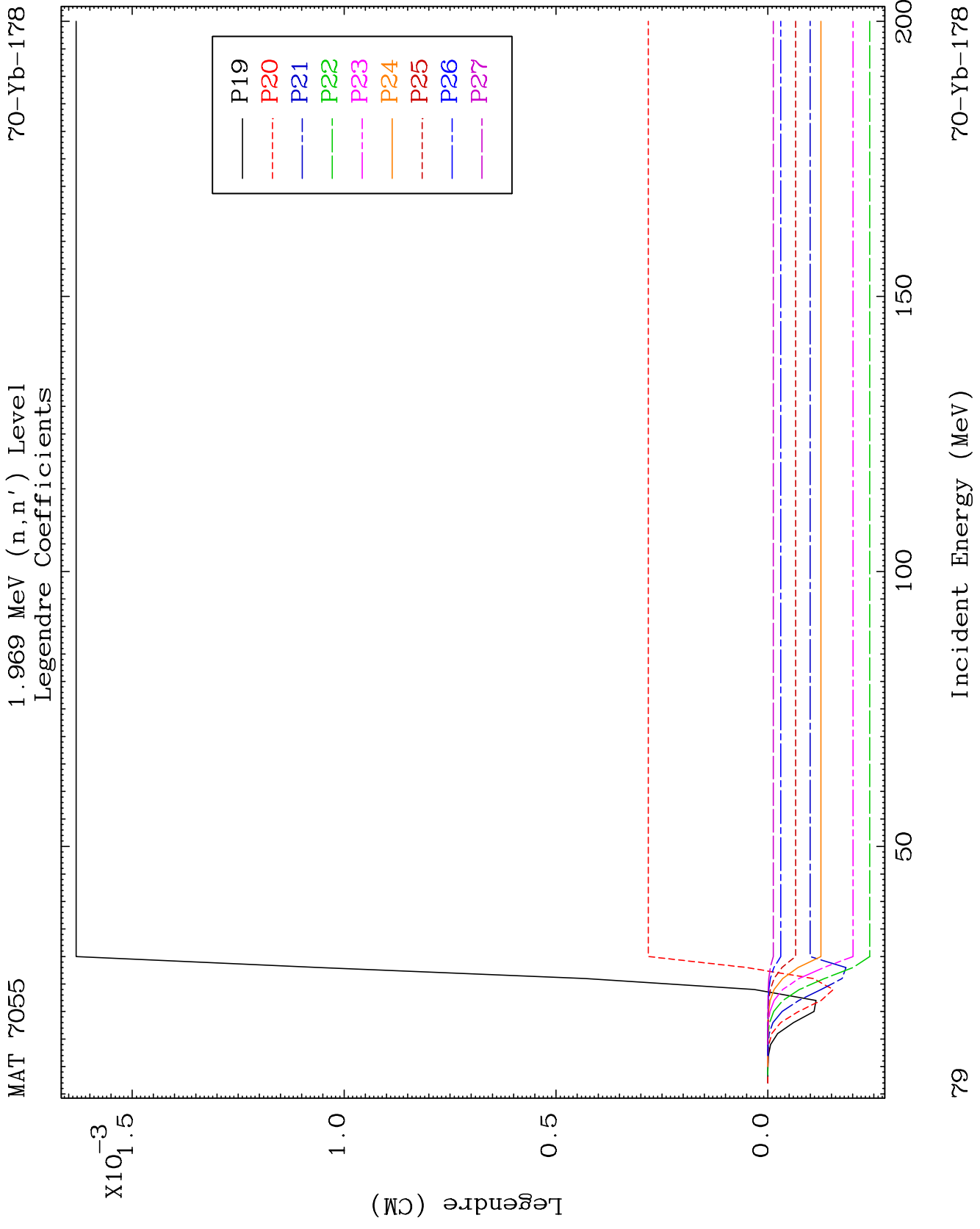


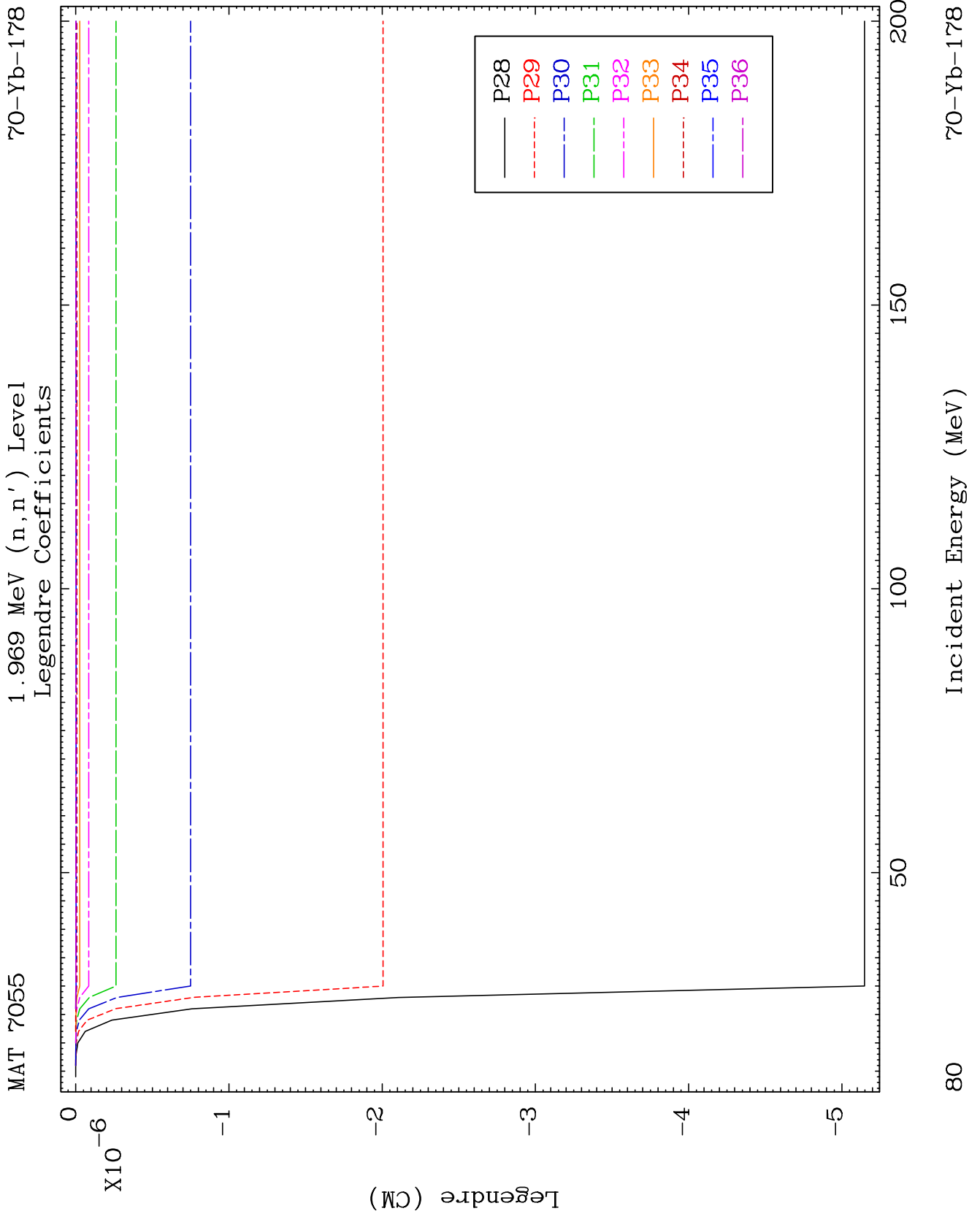


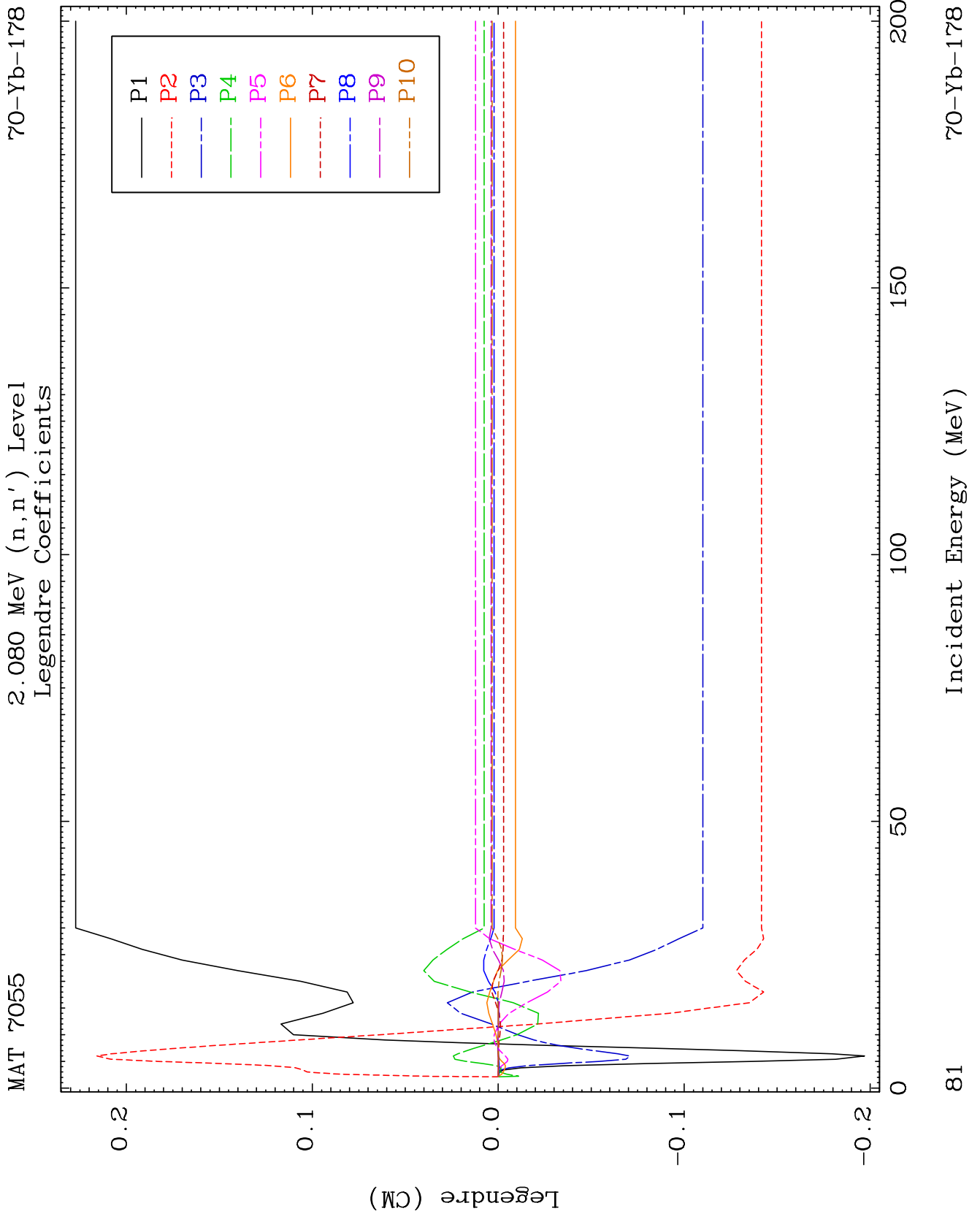


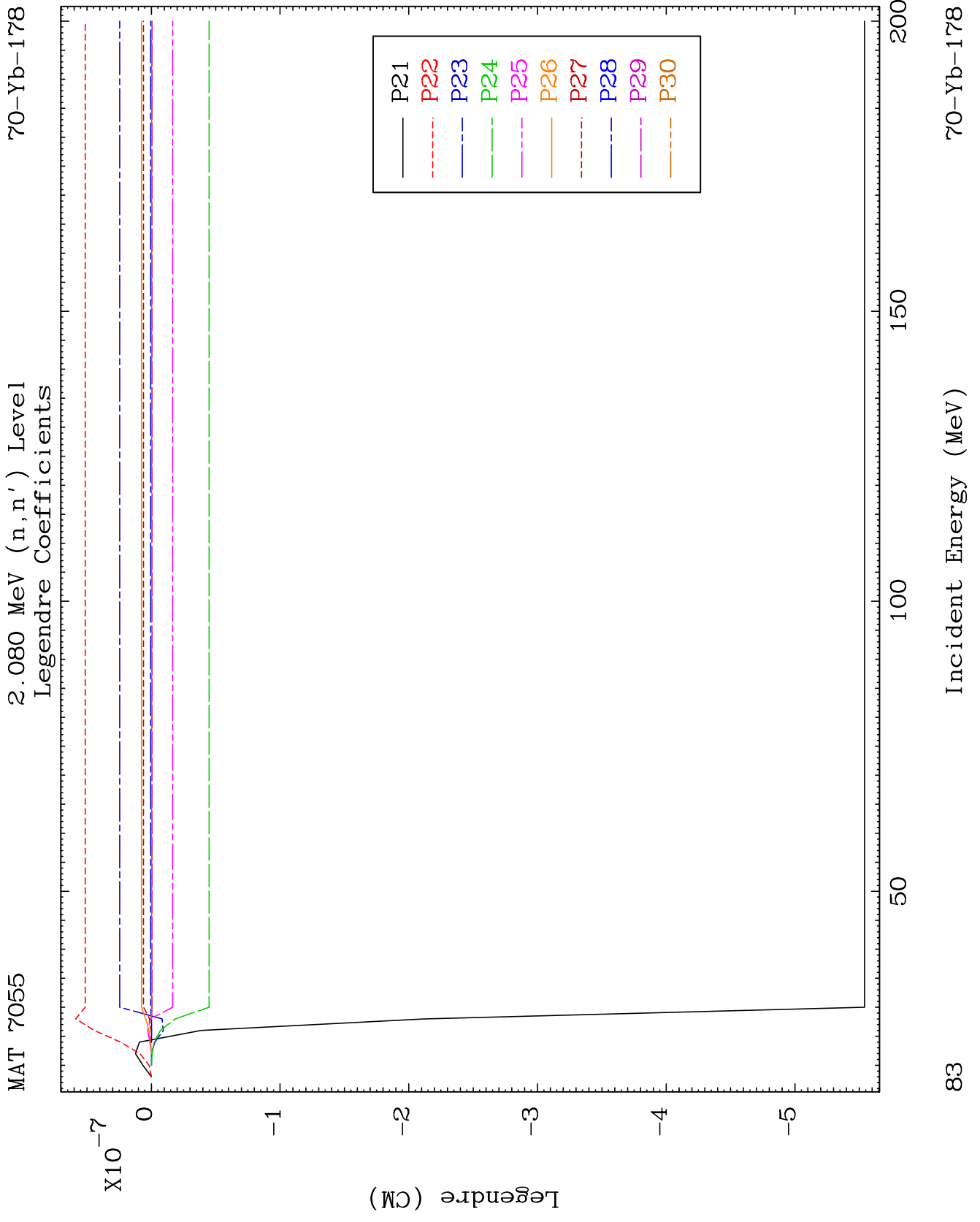


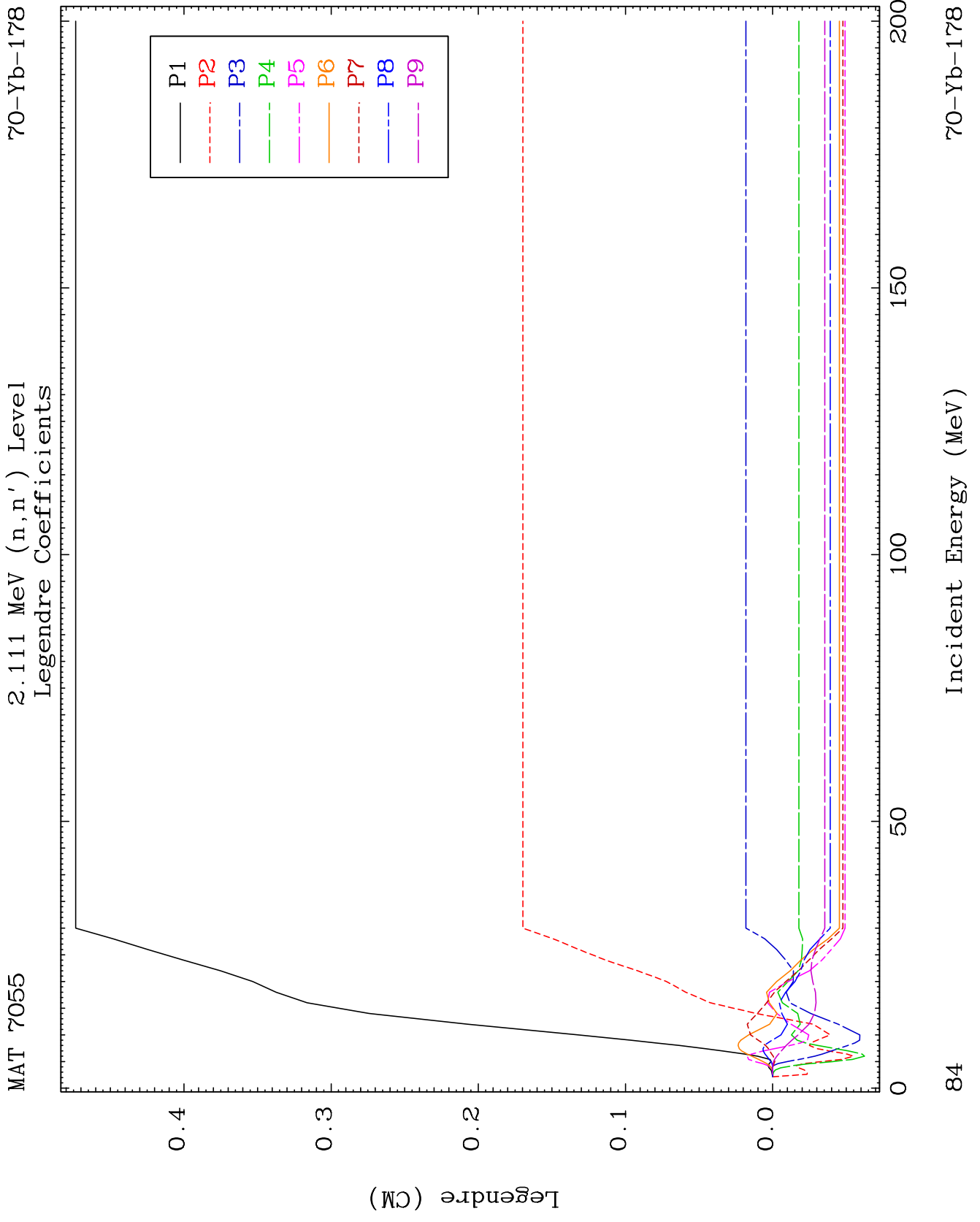








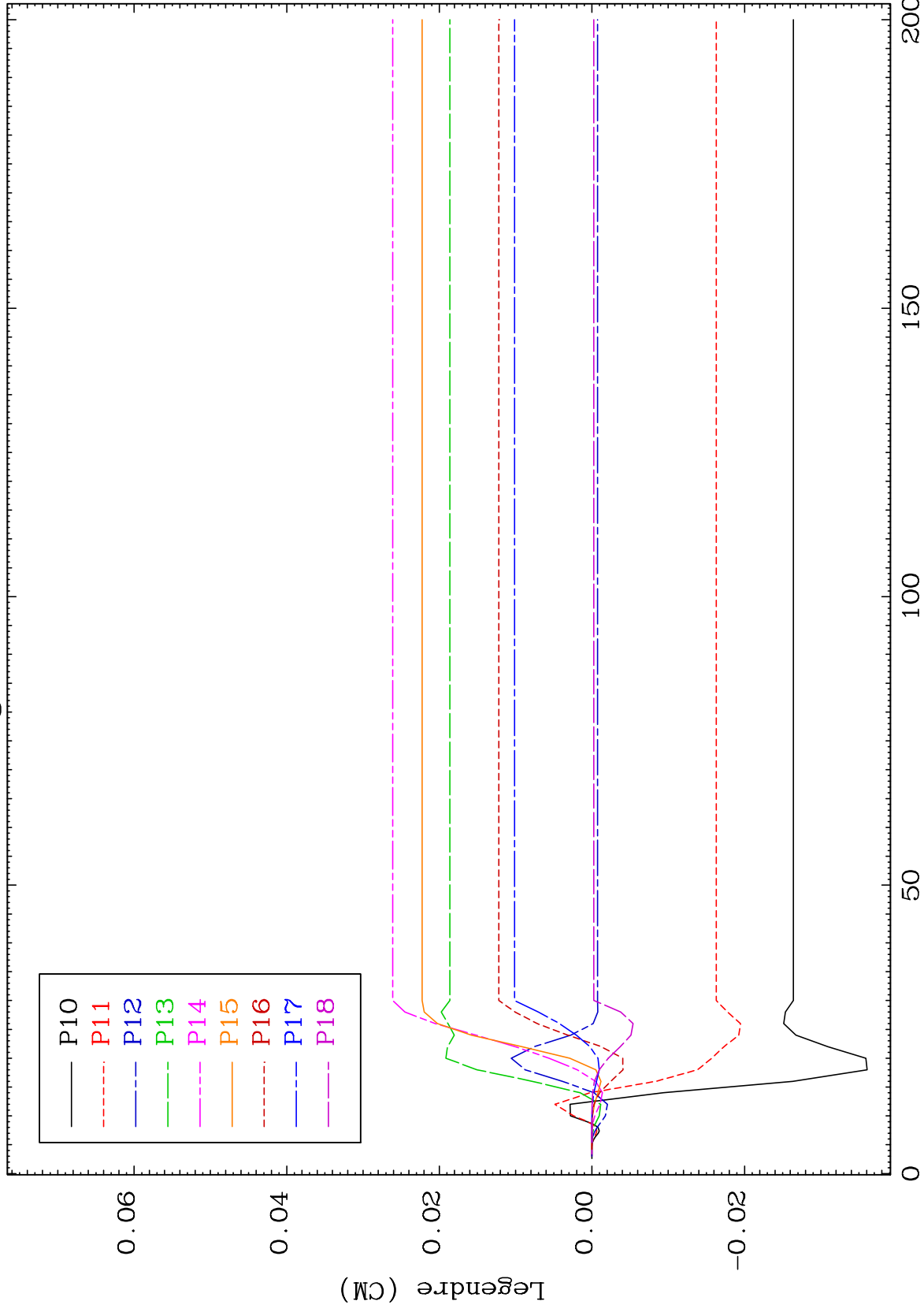




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2.111 MeV (n,n') Level
Legendre Coefficients

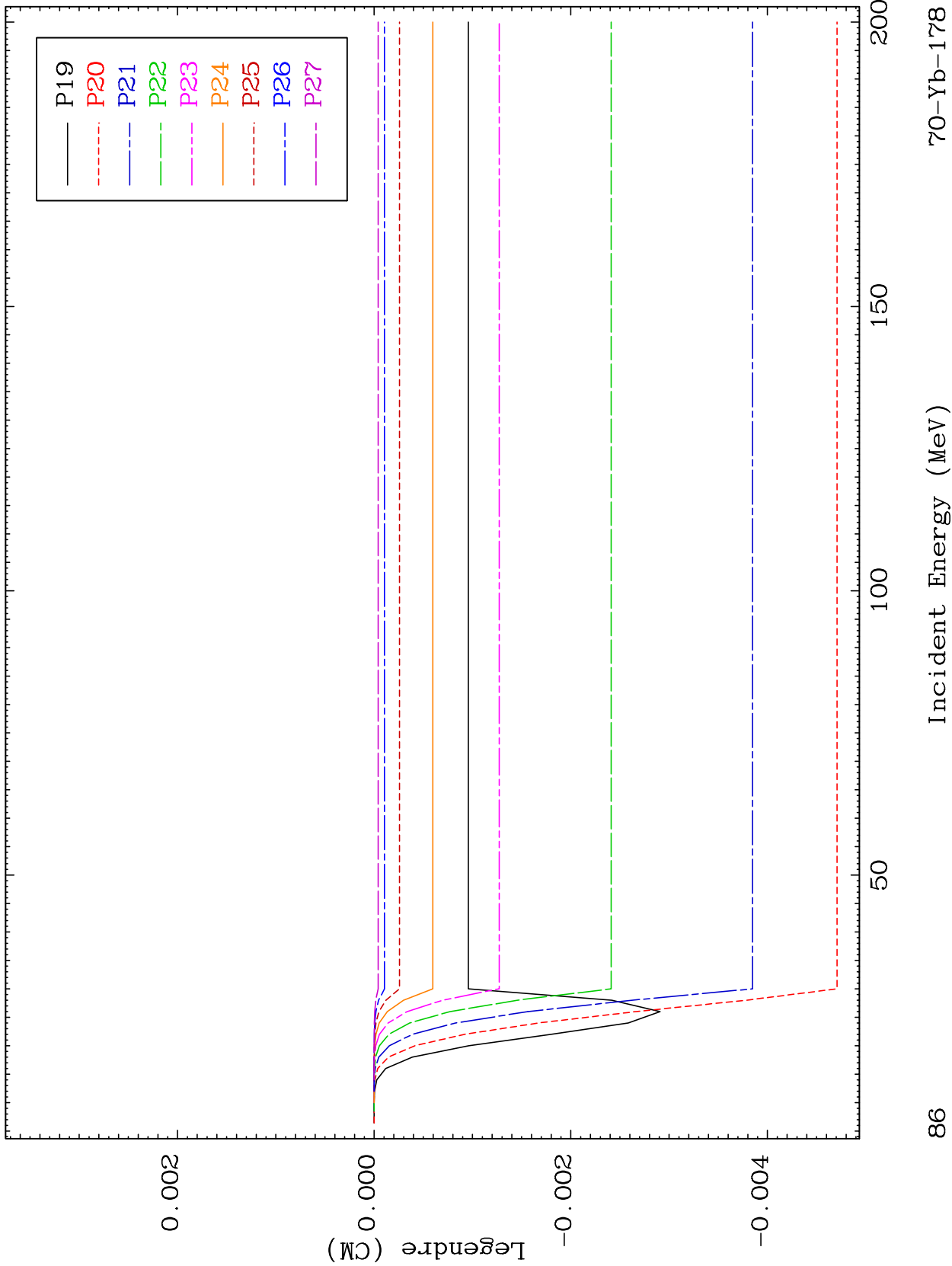
70-Yb-178

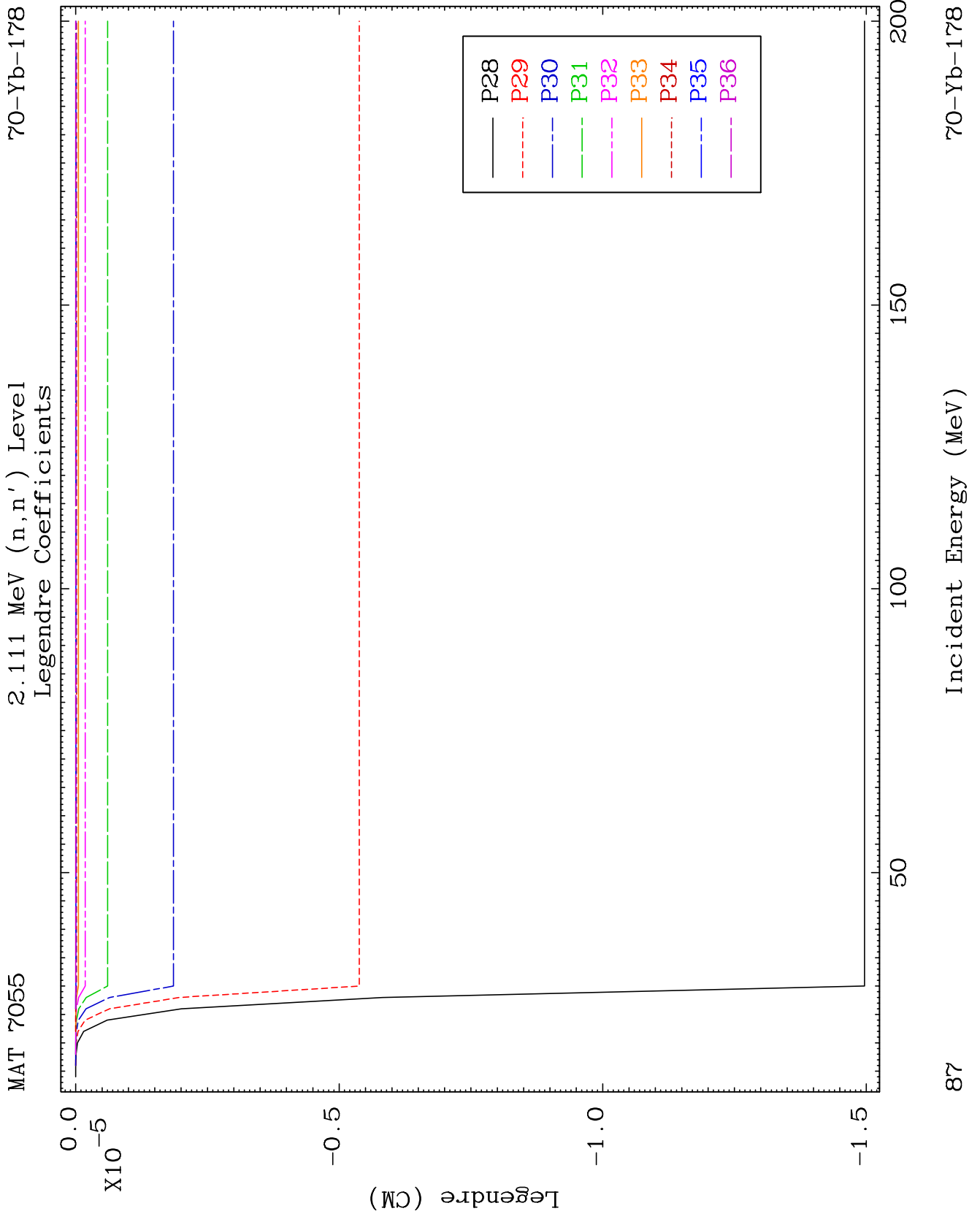


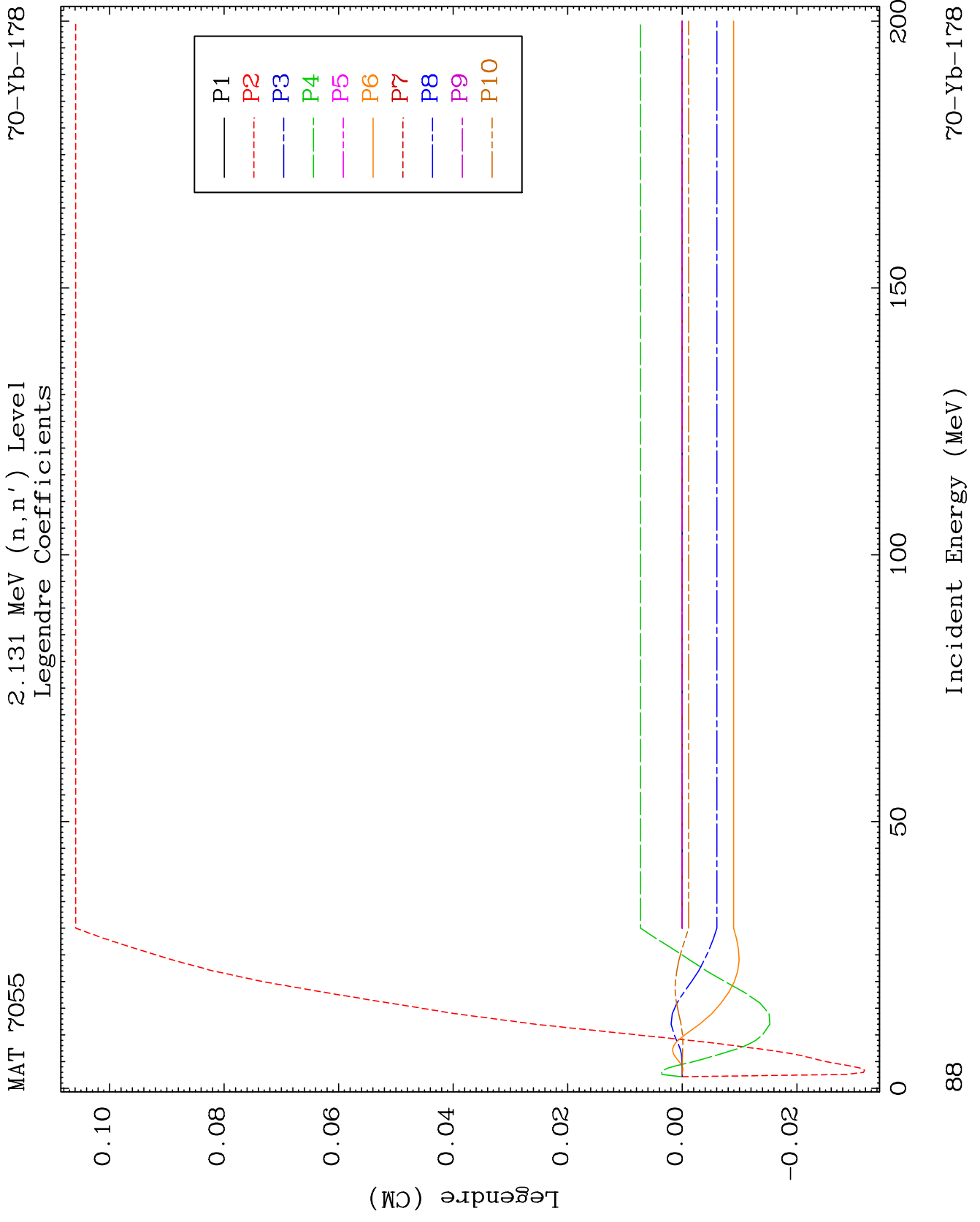
85

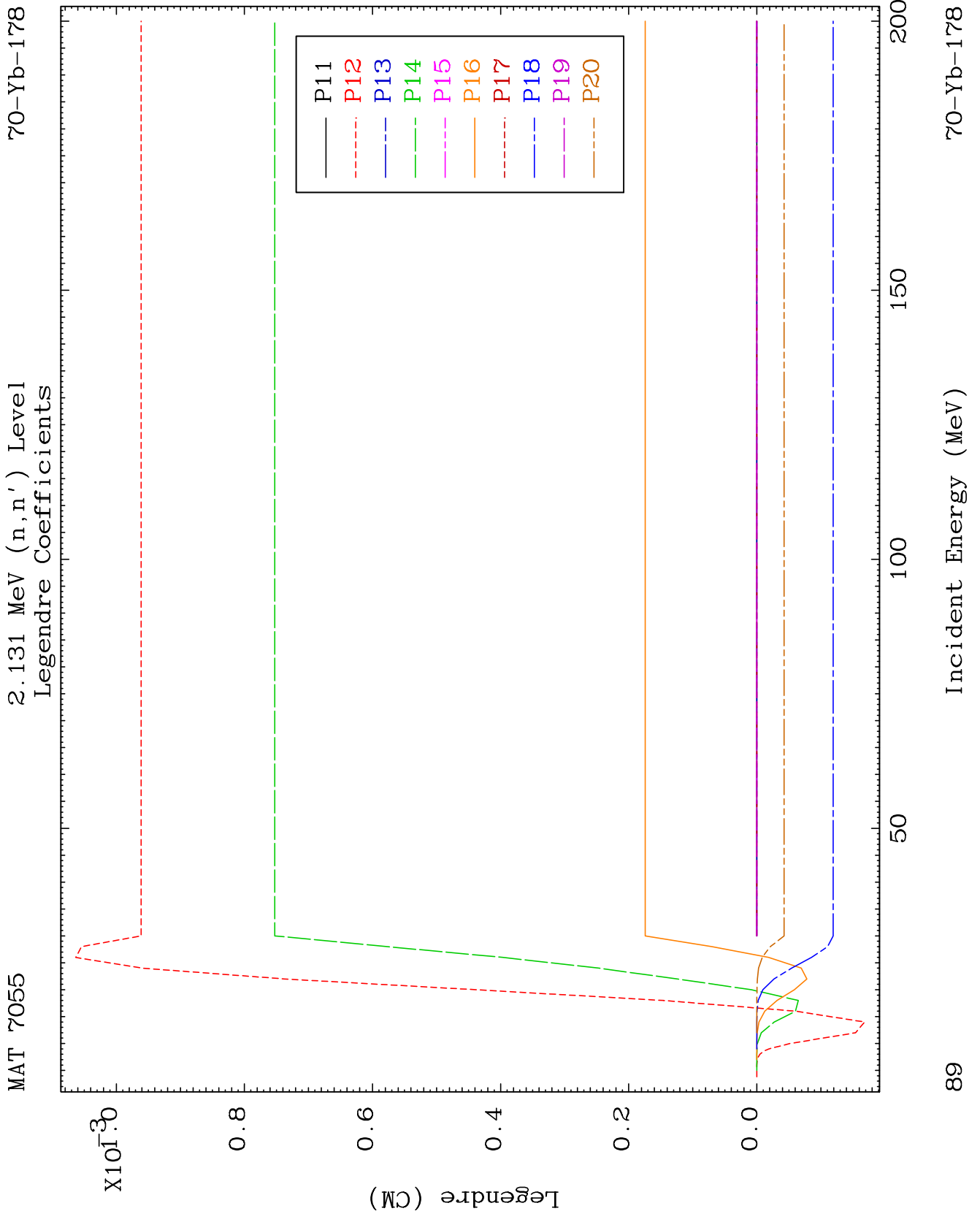
Incident Energy (MeV)

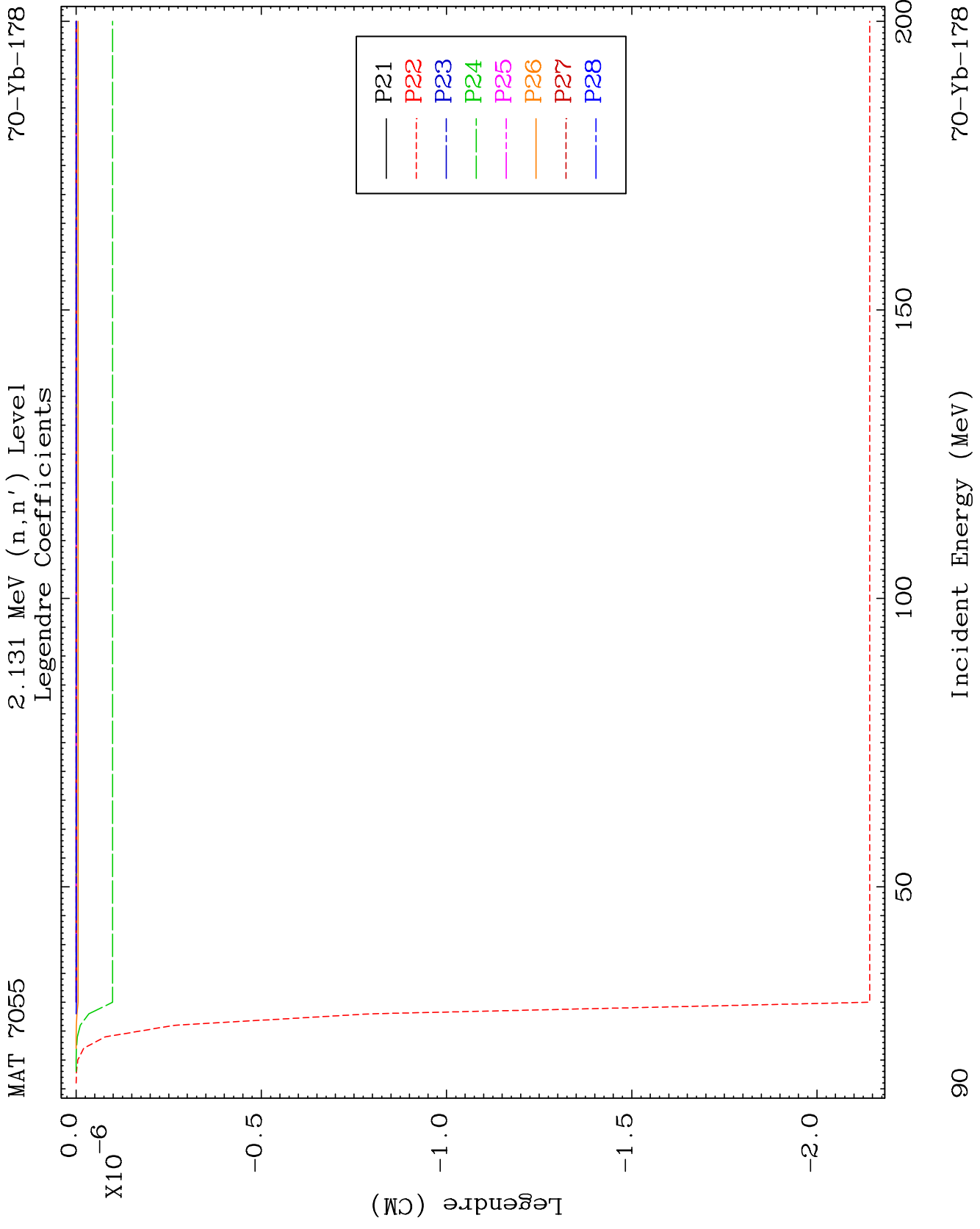
70-Yb-178







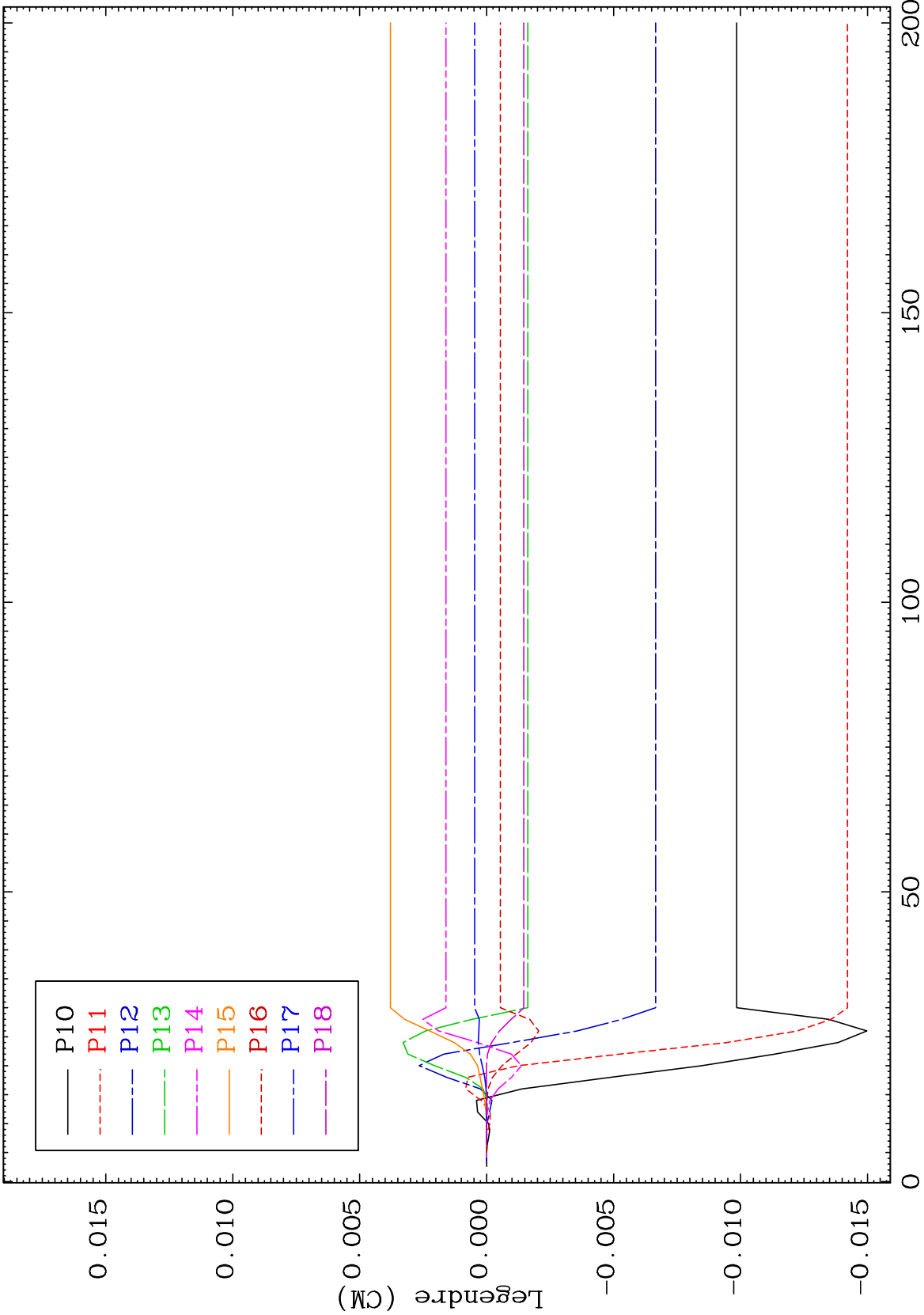




MAT 7055

2.351 MeV (n,n') Level
Legendre Coefficients

70-Yb-178



92

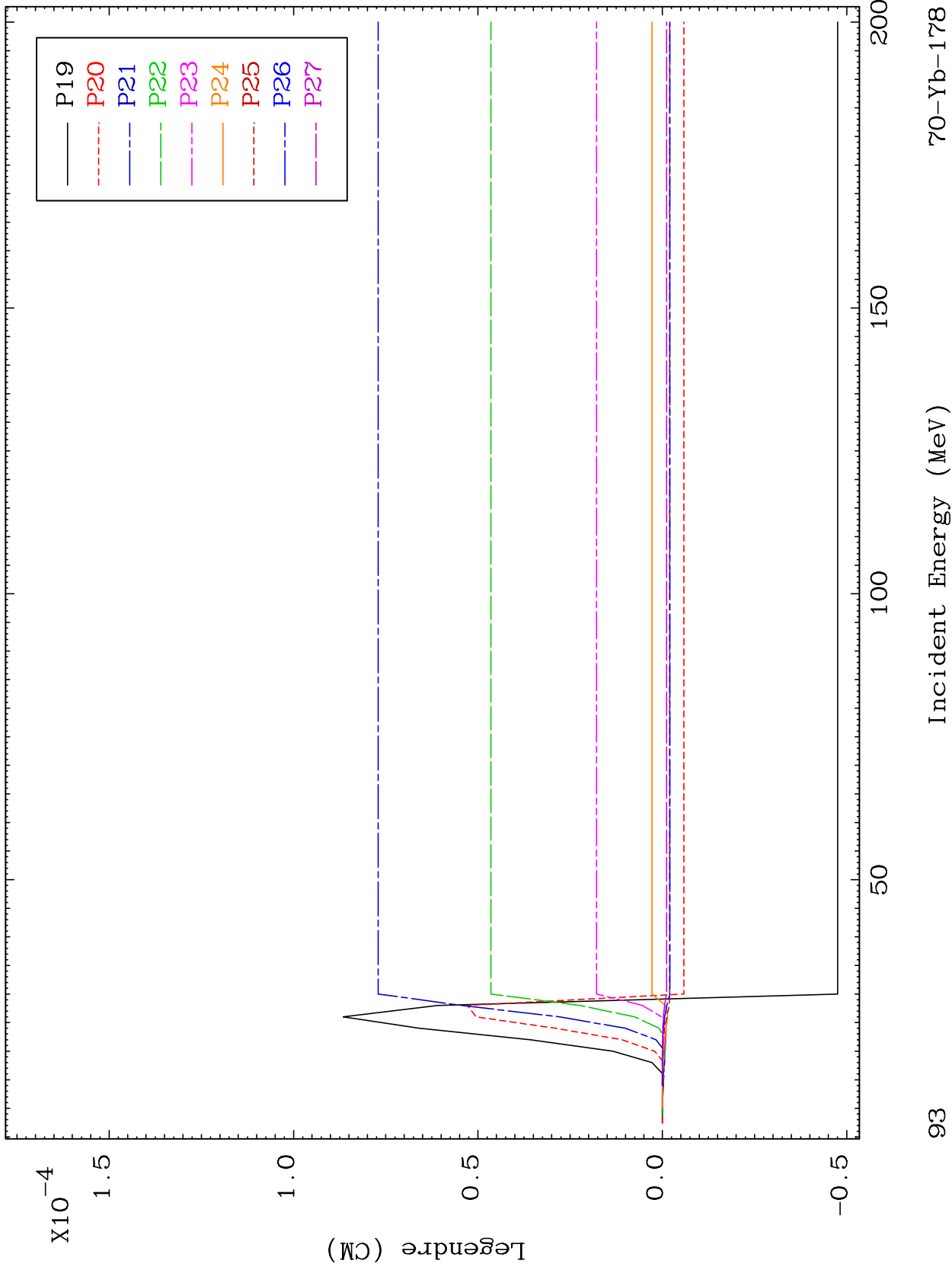
Incident Energy (MeV)

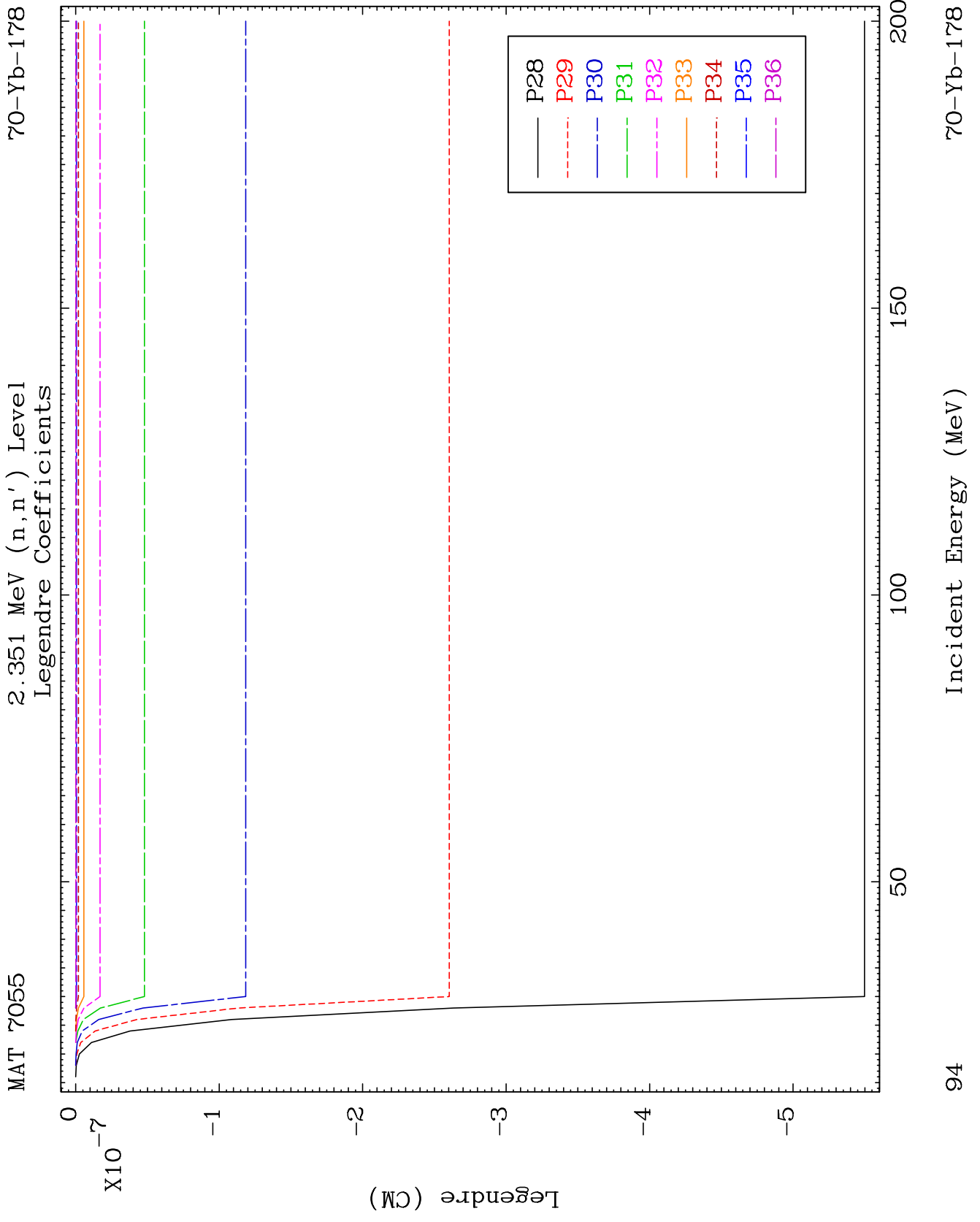
70-Yb-178

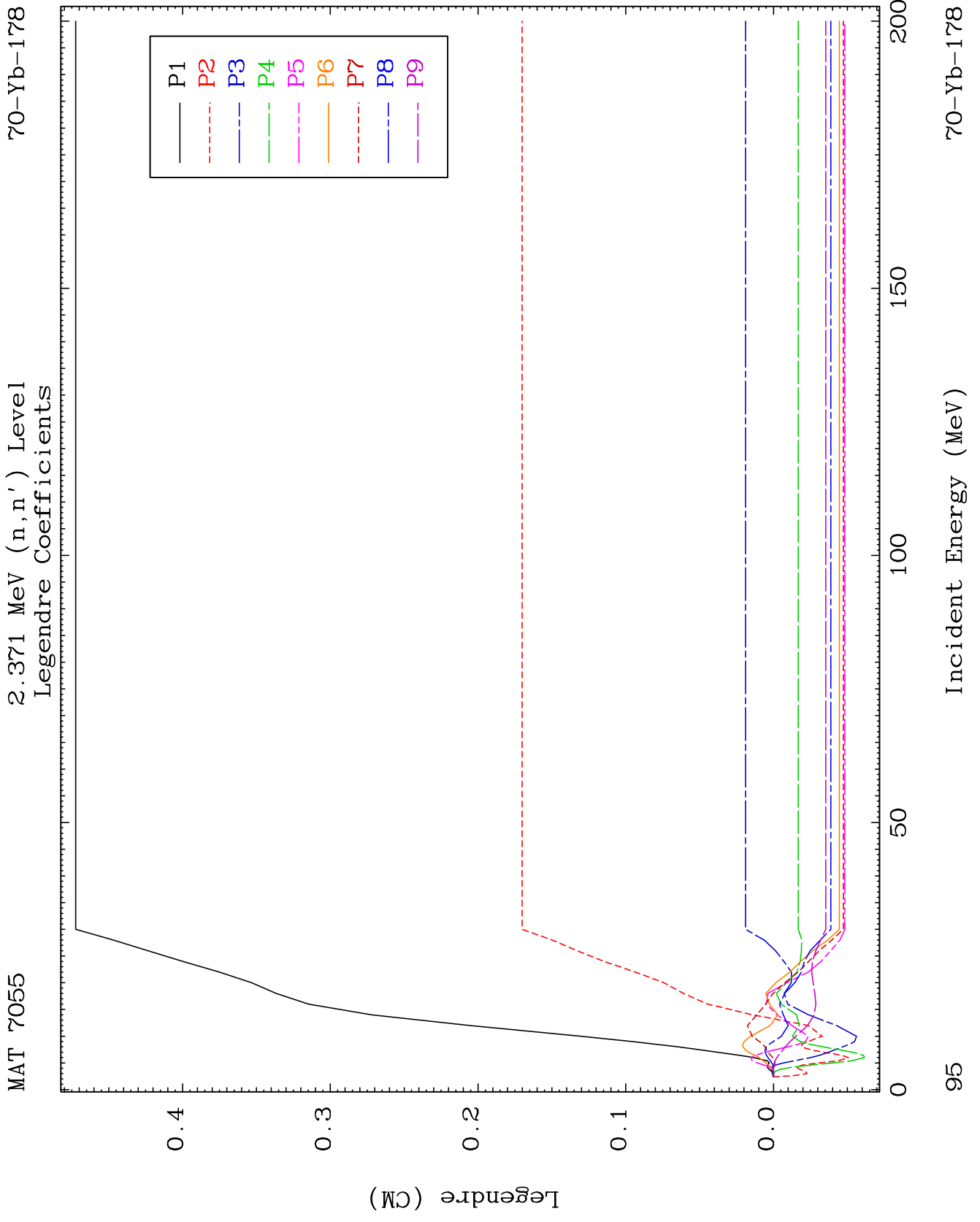
MAT 7055

2.351 MeV (n,n') Level
Legendre Coefficients

70-Yb-178



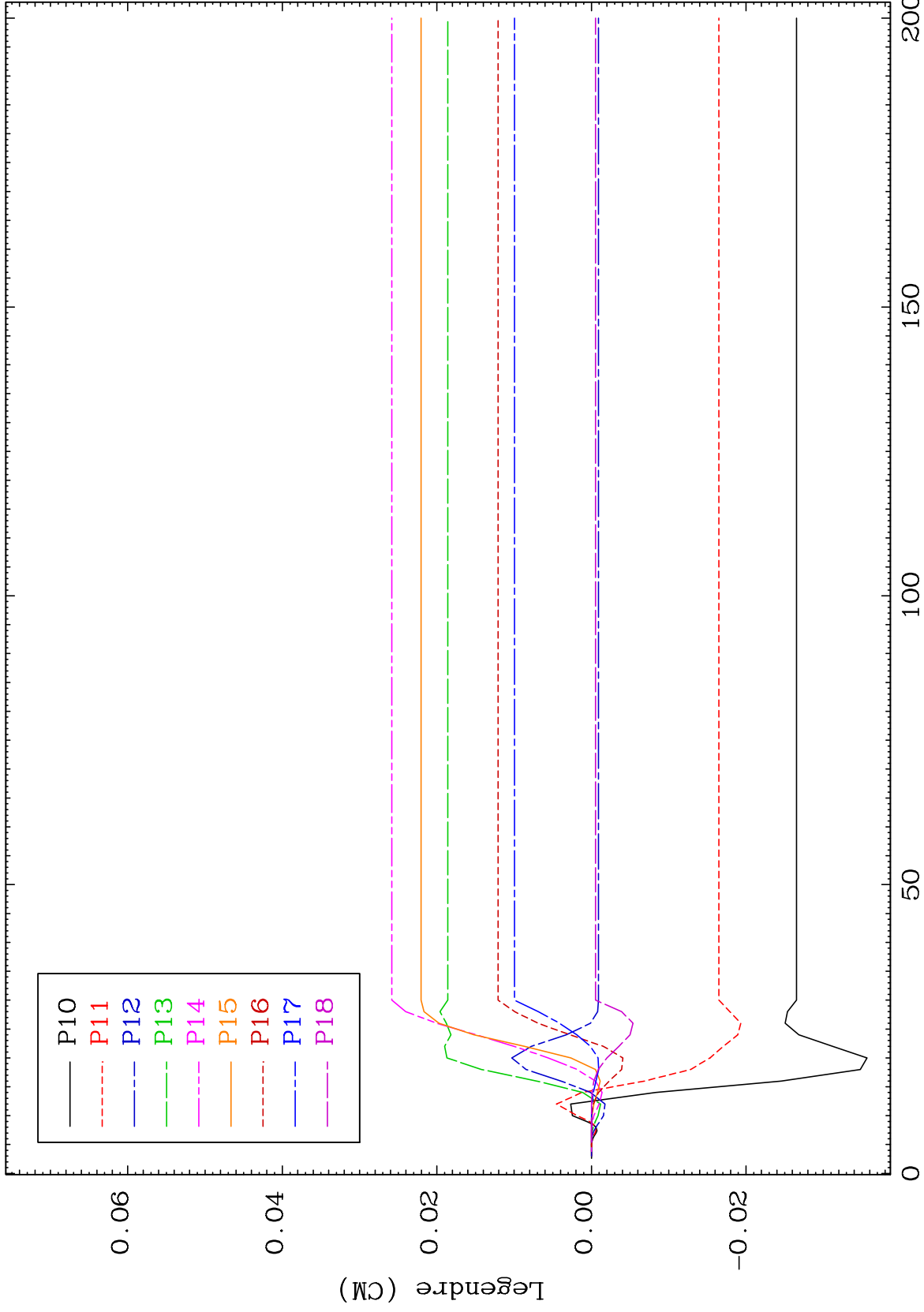




MAT 7055

2.371 MeV (n,n') Level
Legendre Coefficients

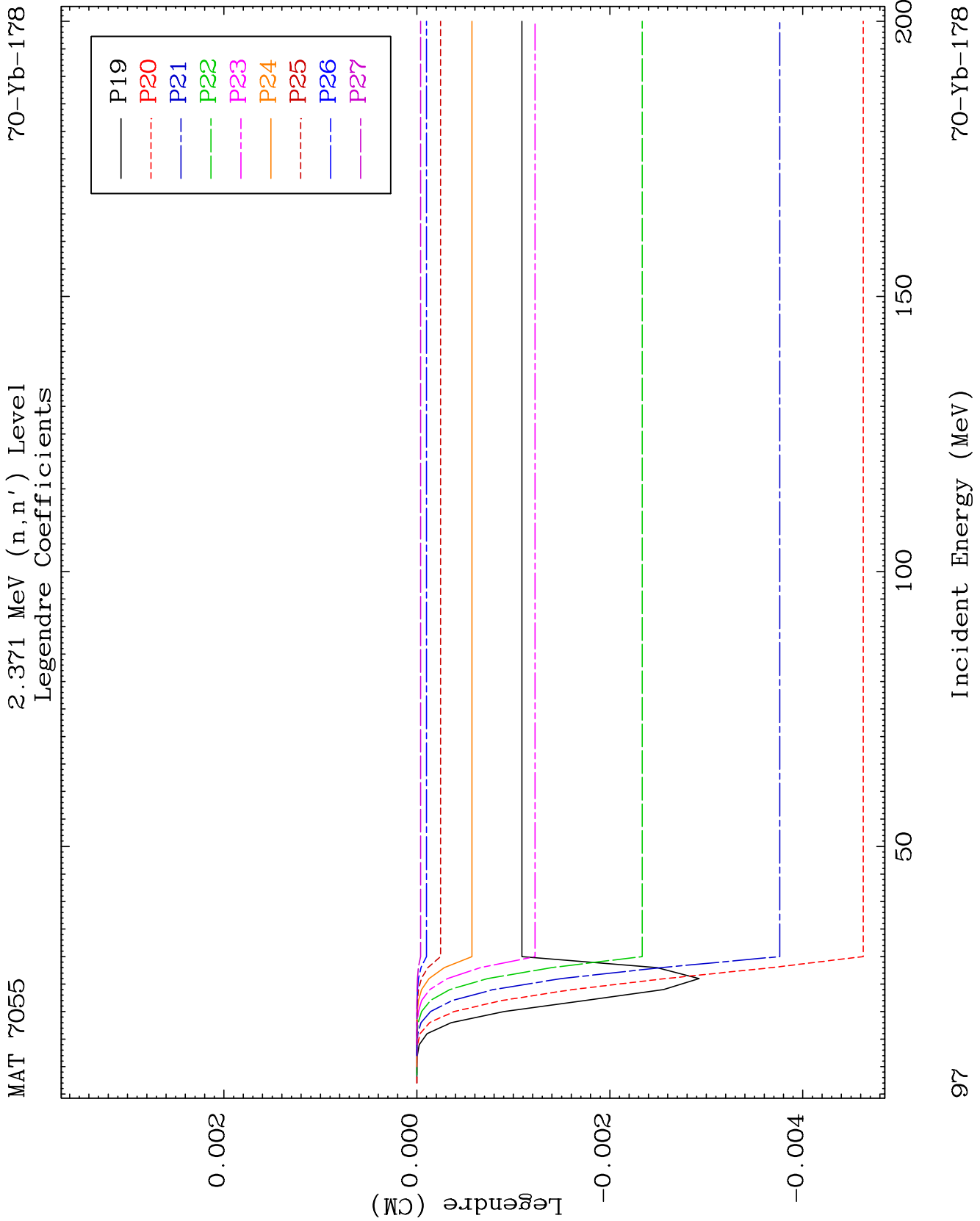
70-Yb-178

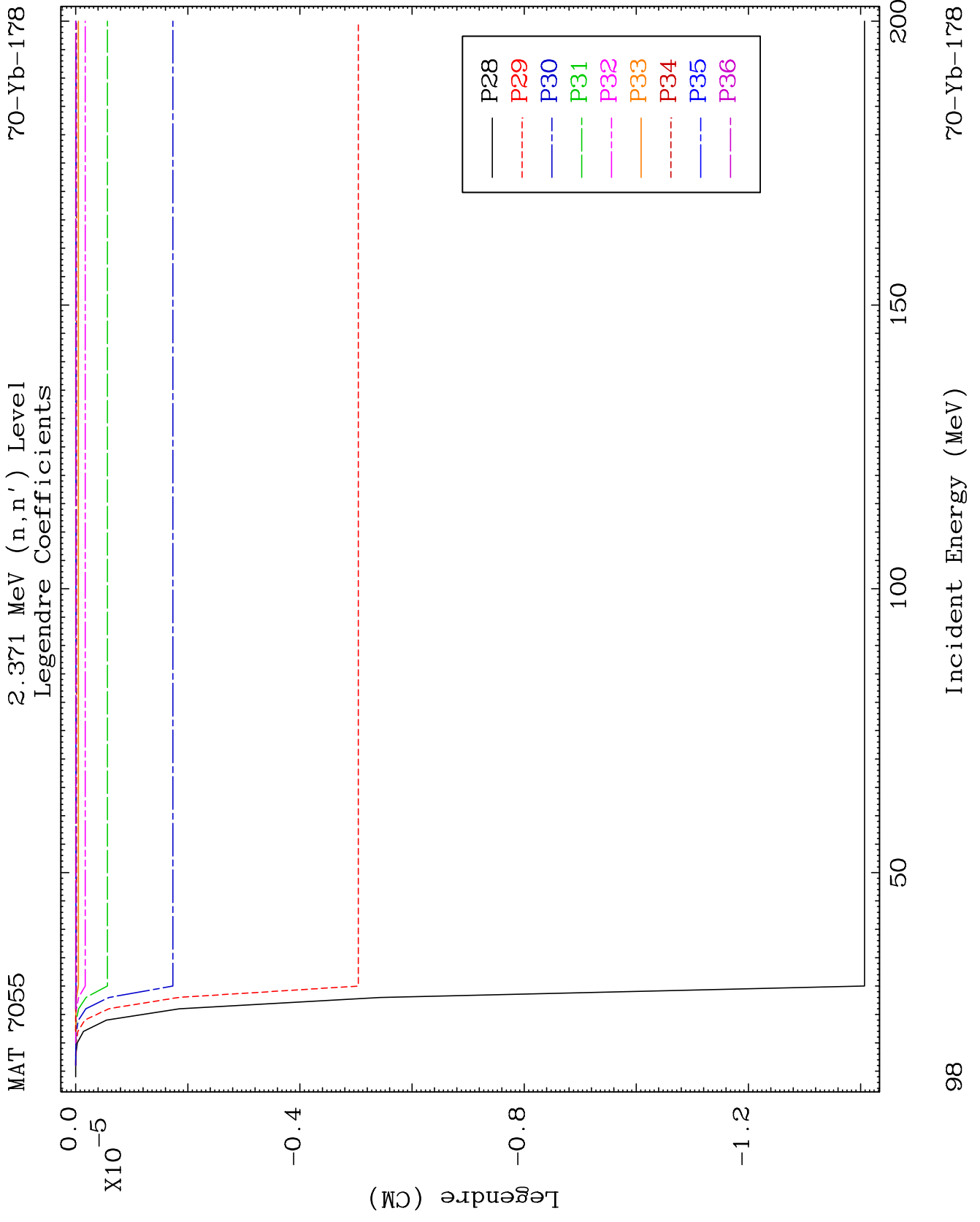


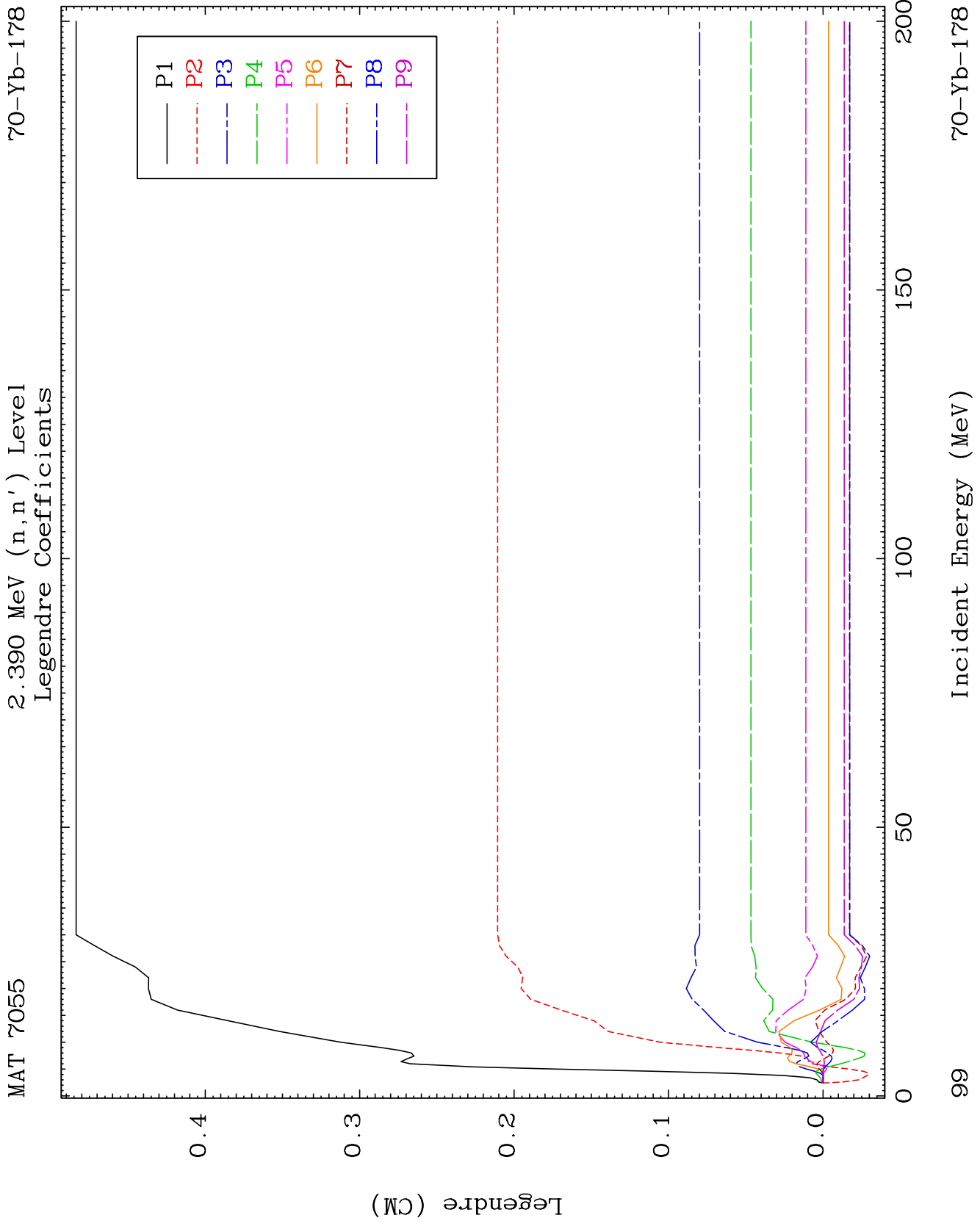
96

Incident Energy (MeV)

70-Yb-178



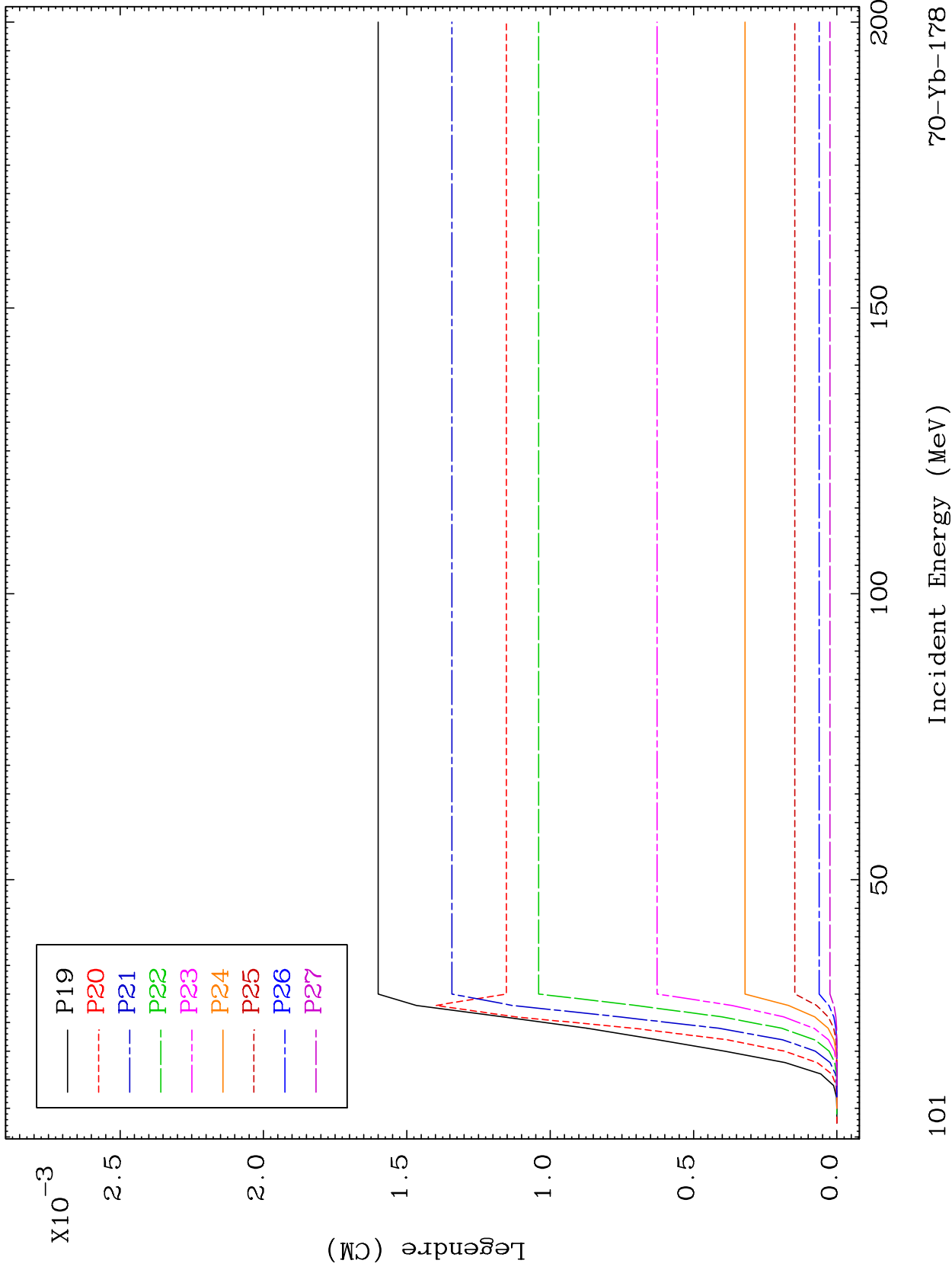




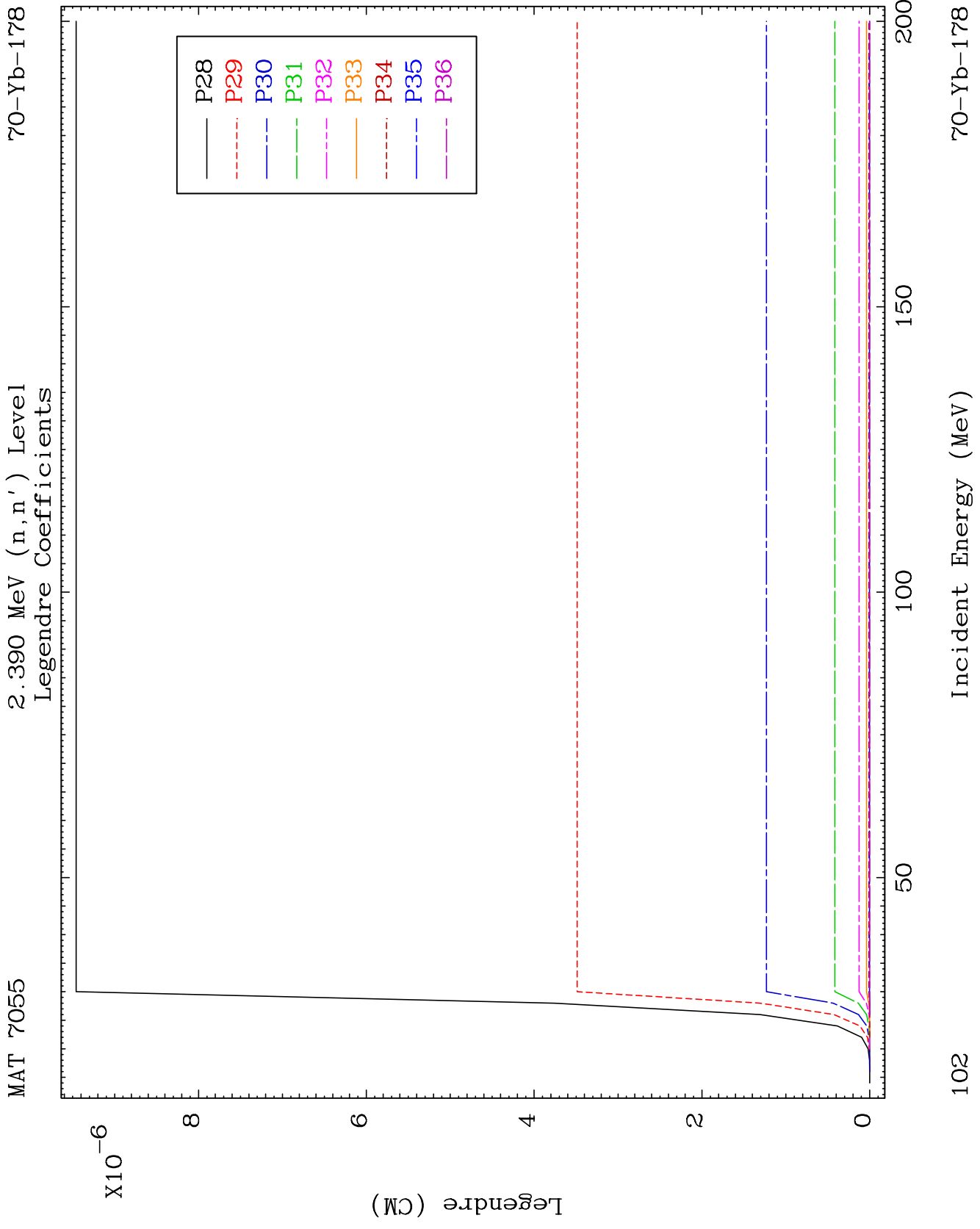
MAT 7055

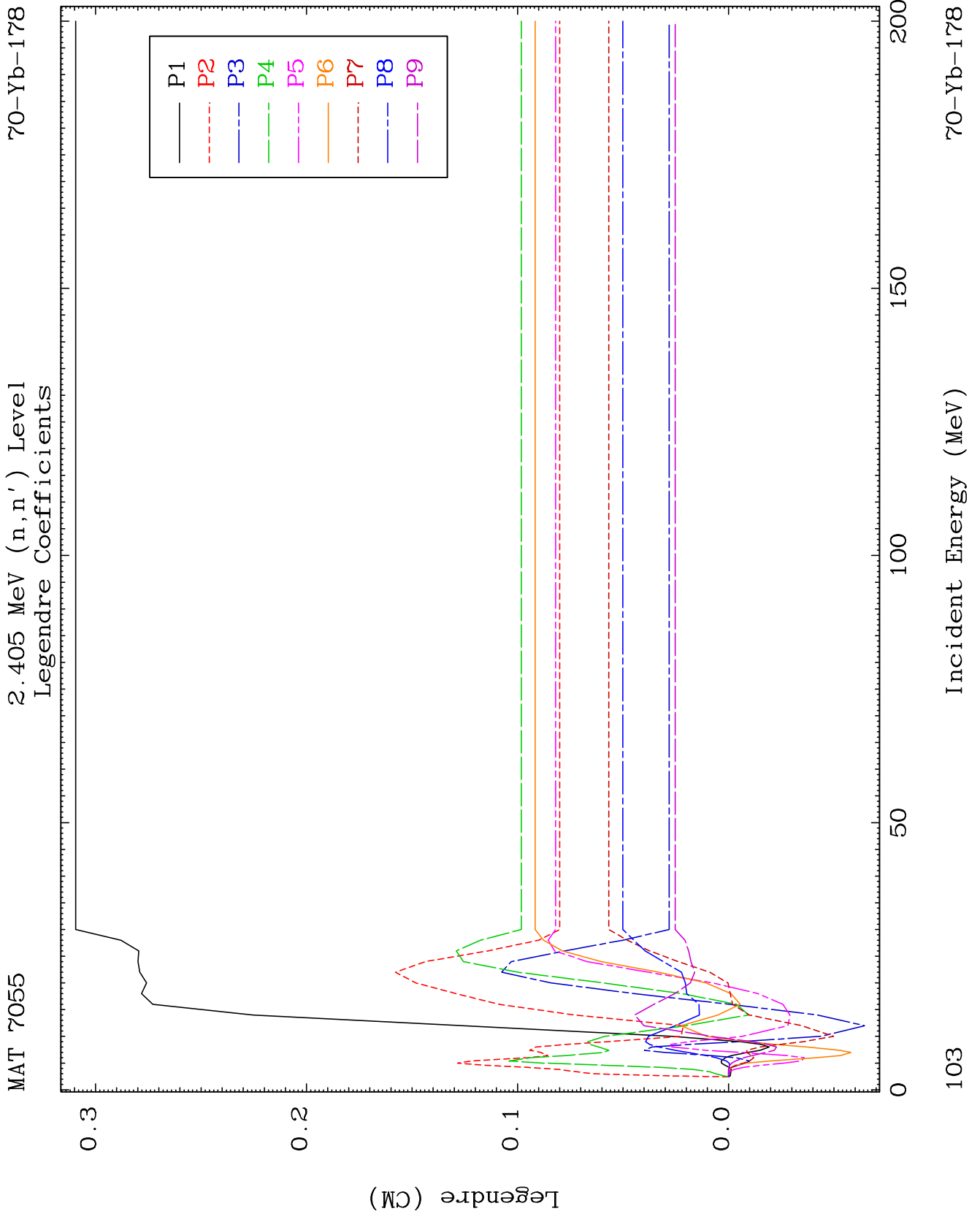
2.390 MeV (n,n') Level
Legendre Coefficients

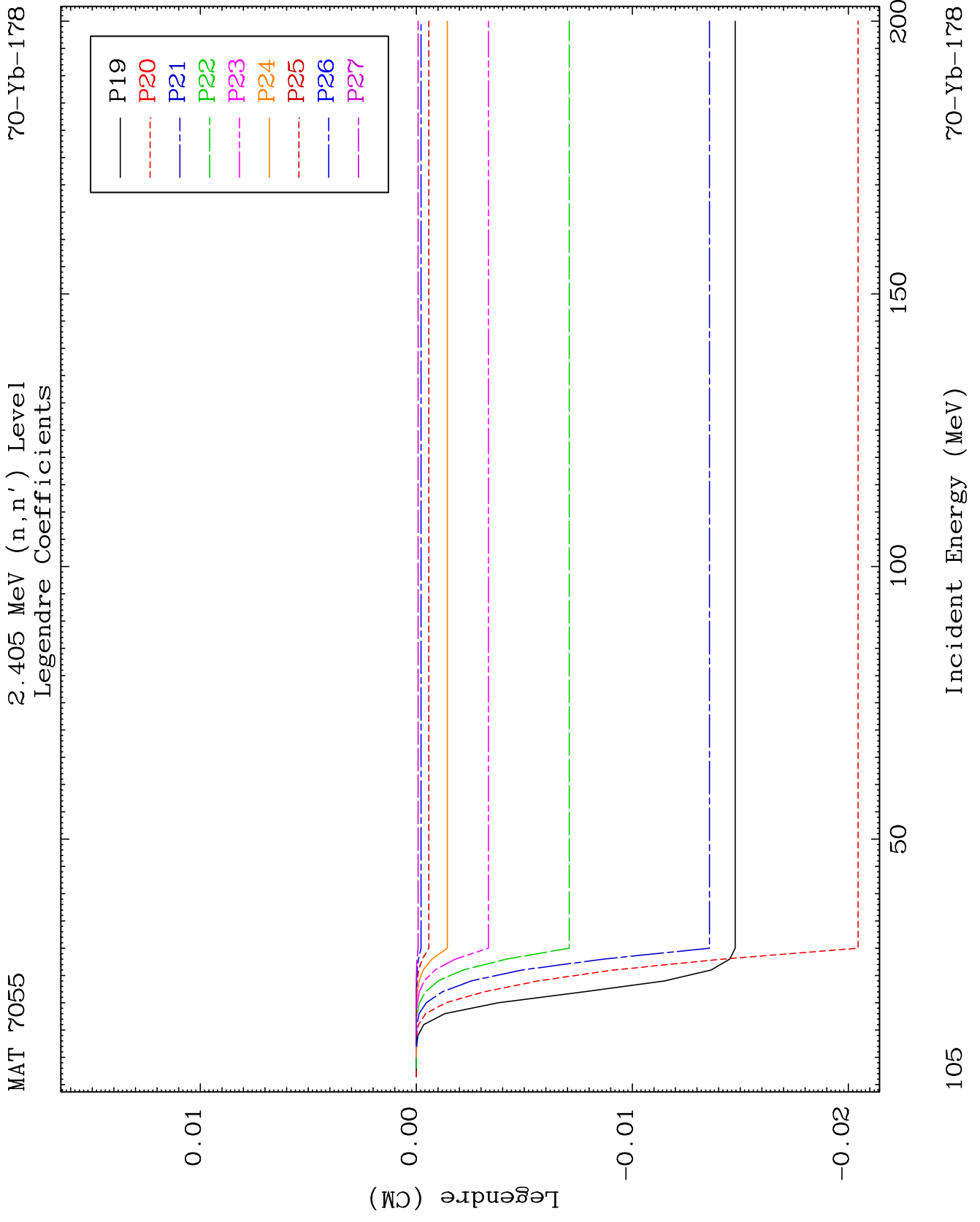
70-Yb-178

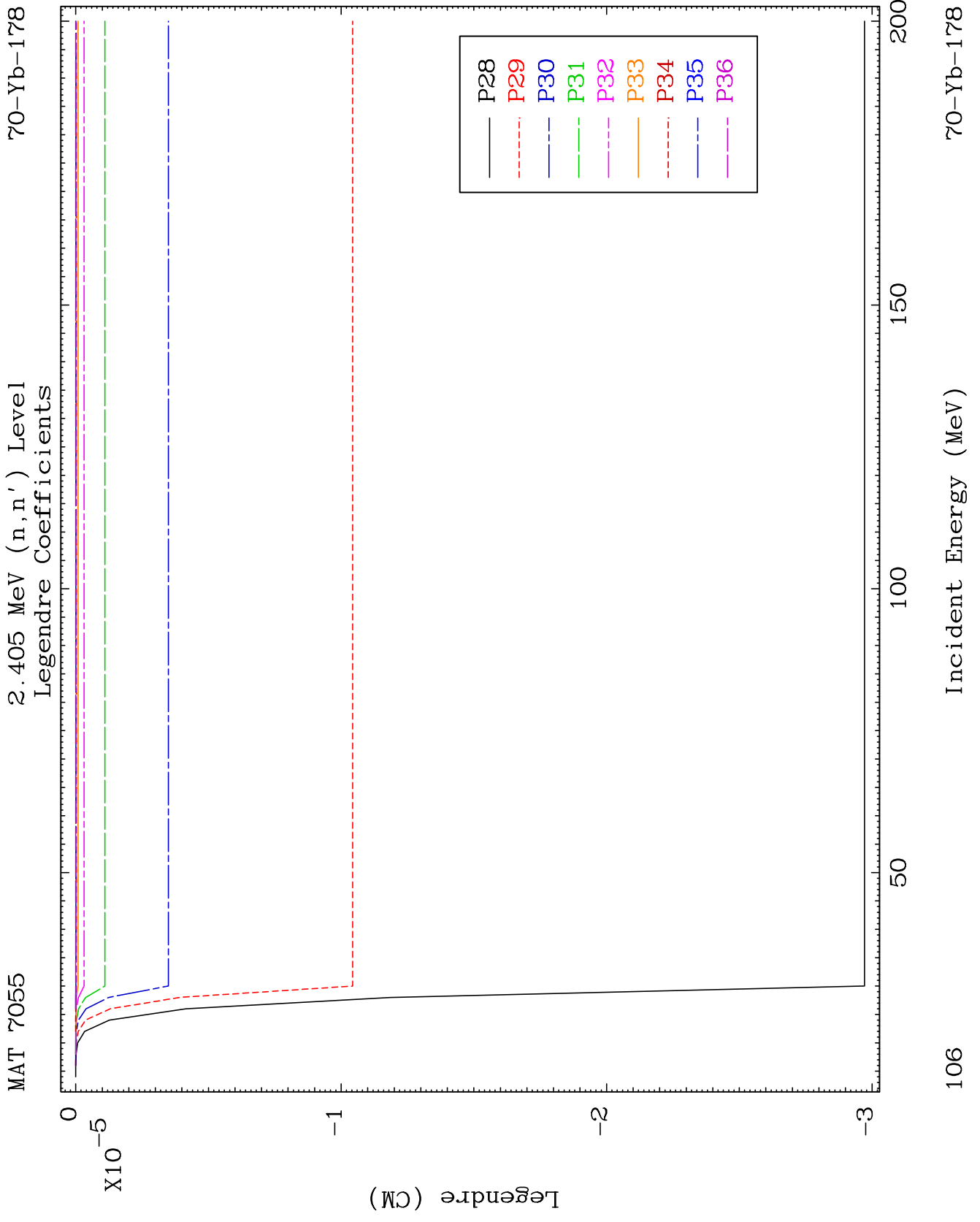


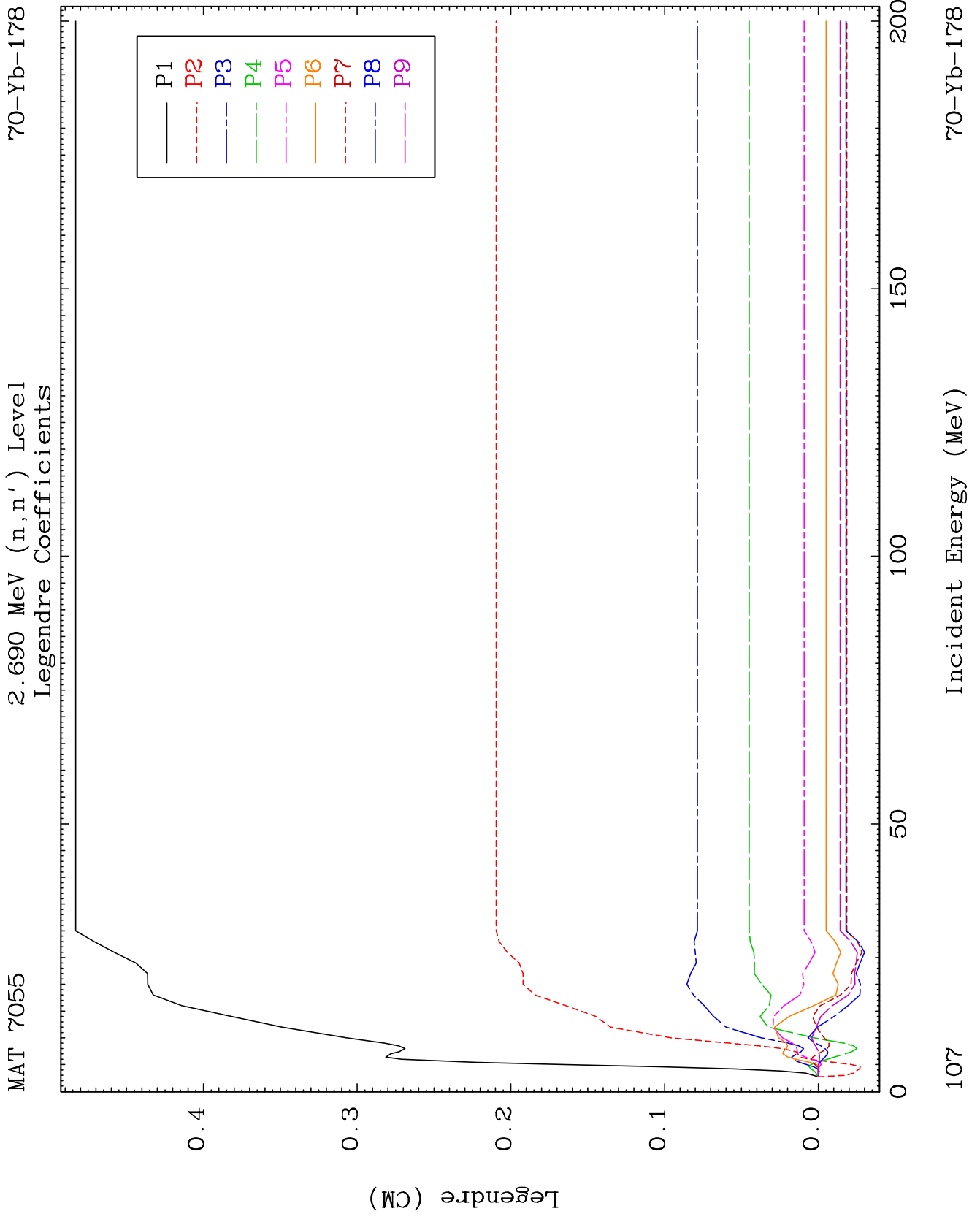
101







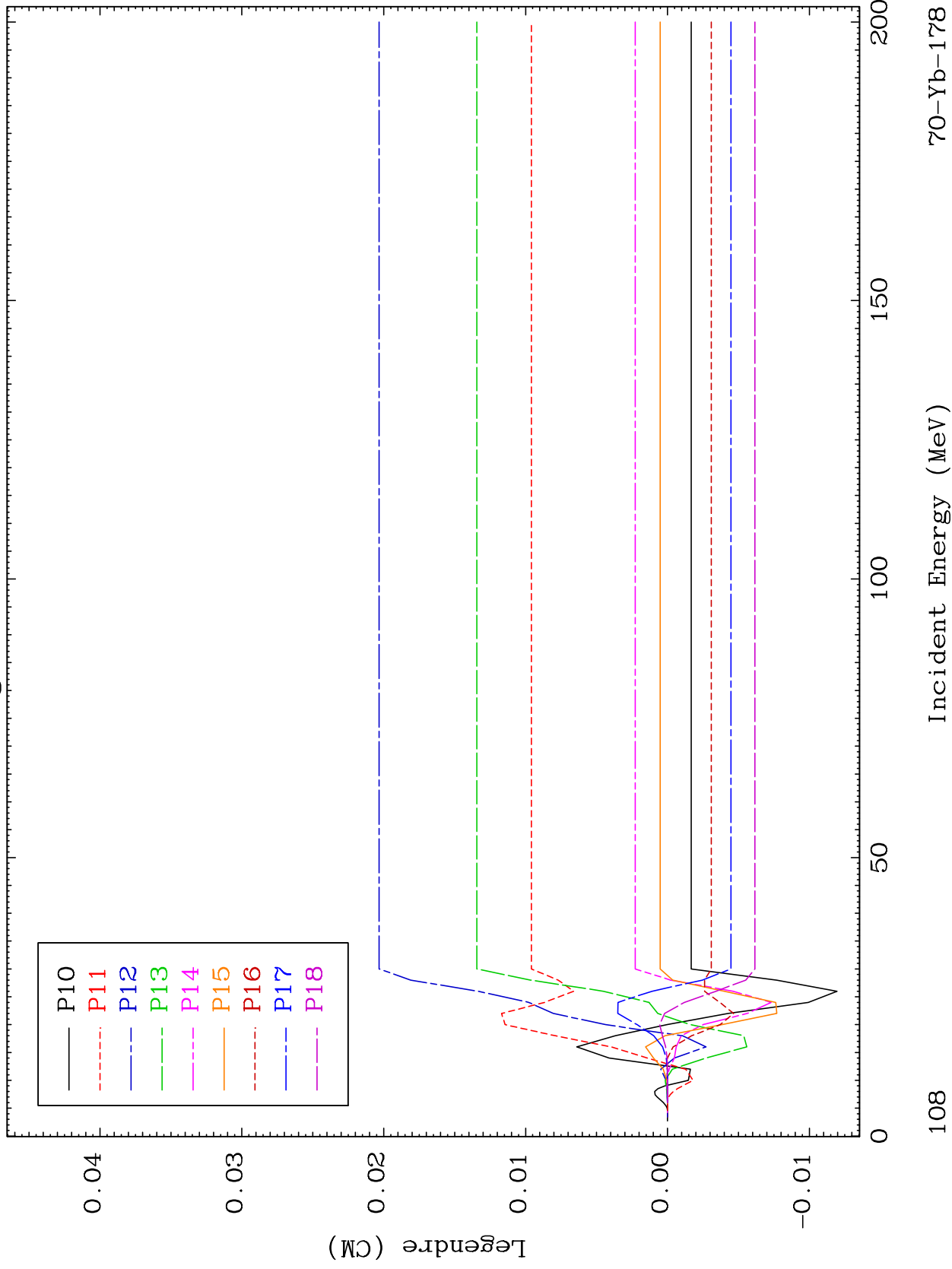




MAT 7055

2.690 MeV (n,n') Level
Legendre Coefficients

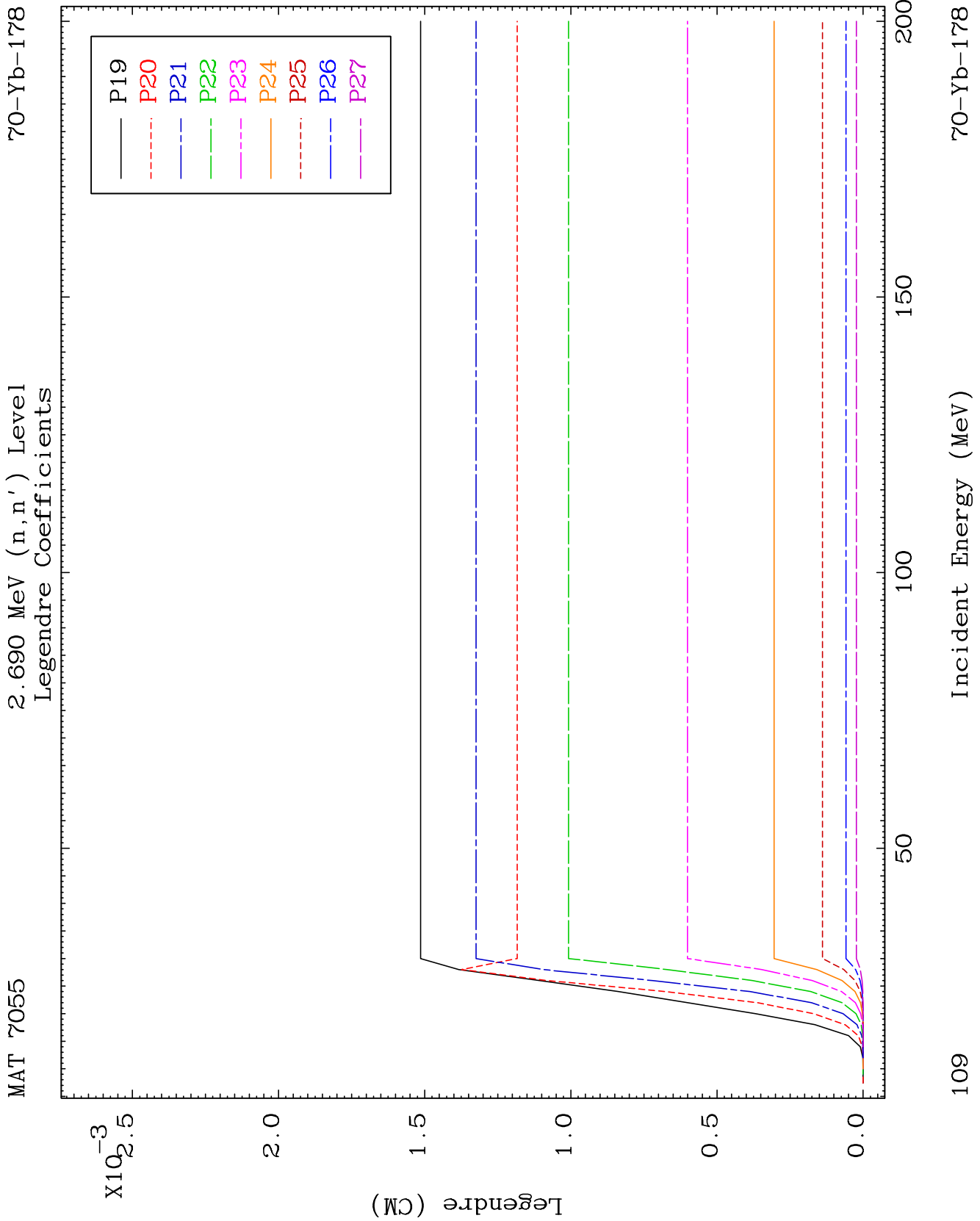
70-Yb-178

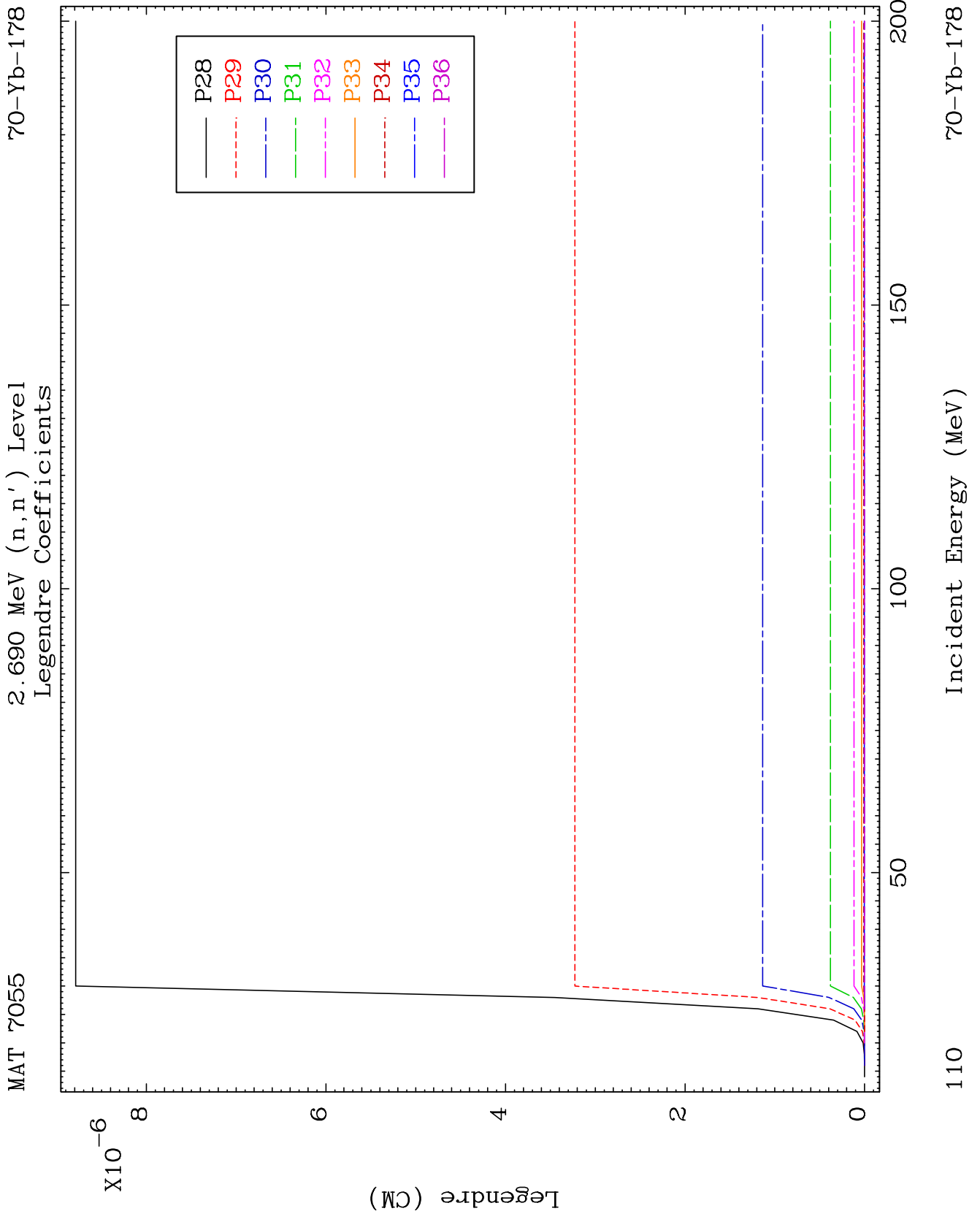


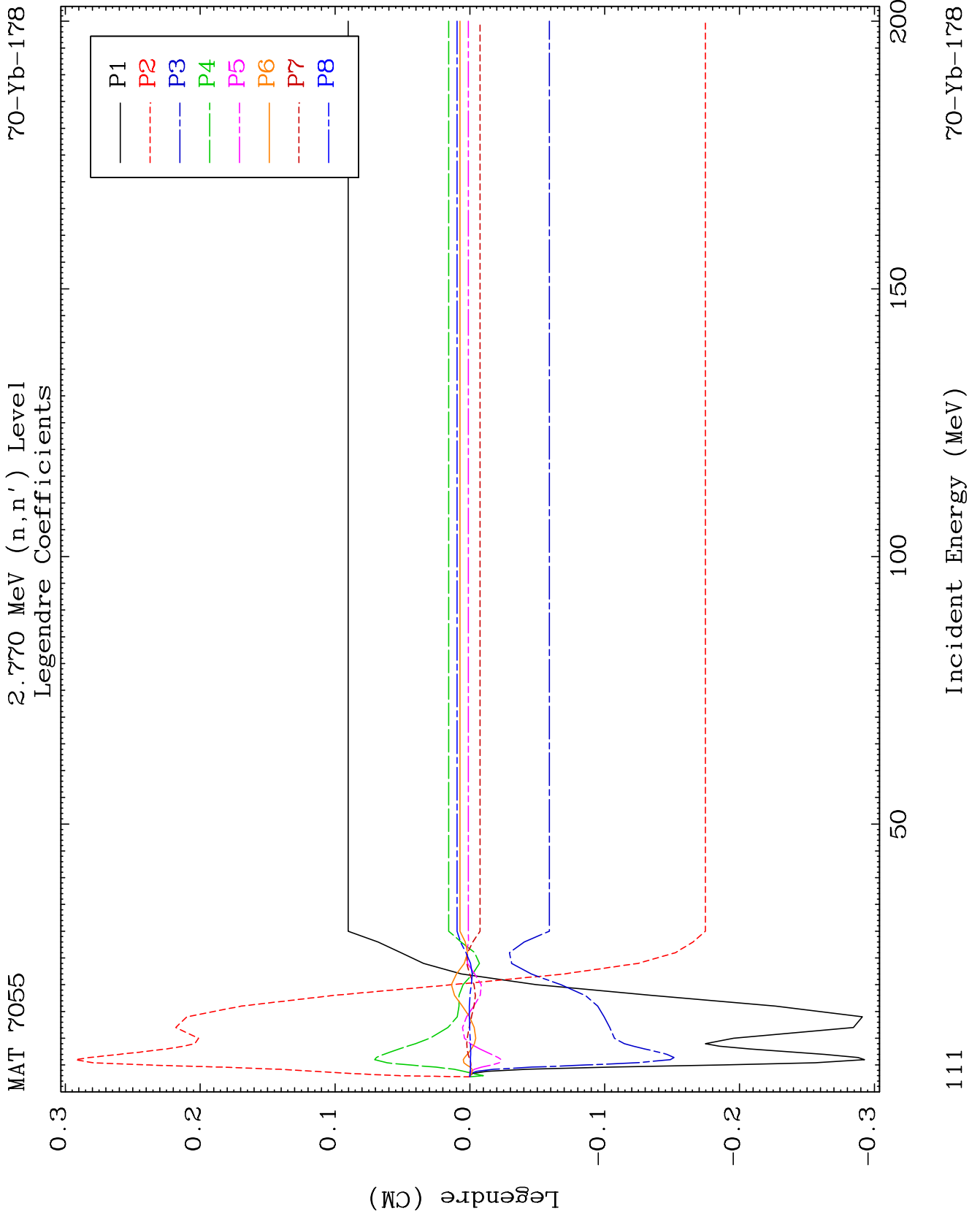
108

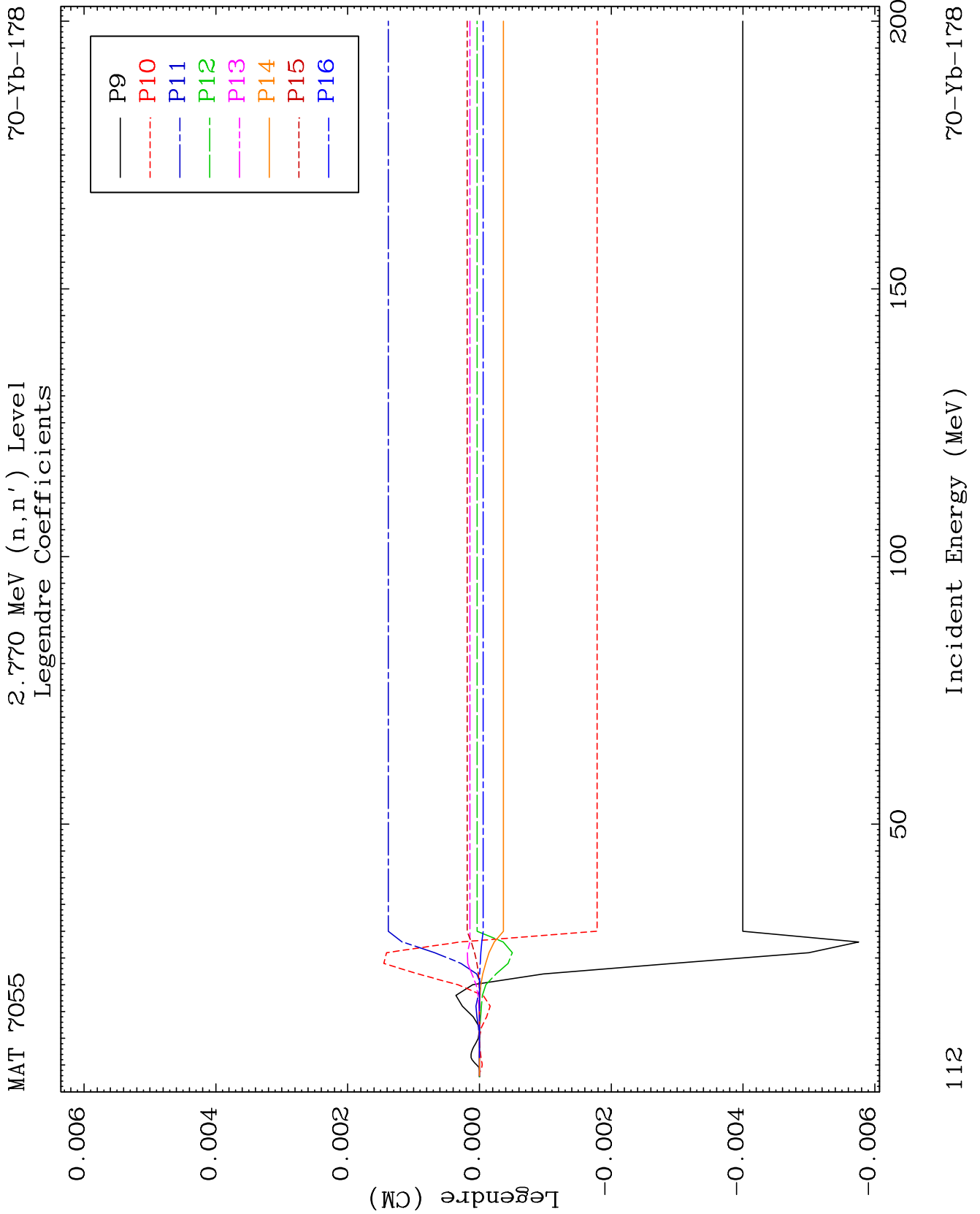
Incident Energy (MeV)

70-Yb-178





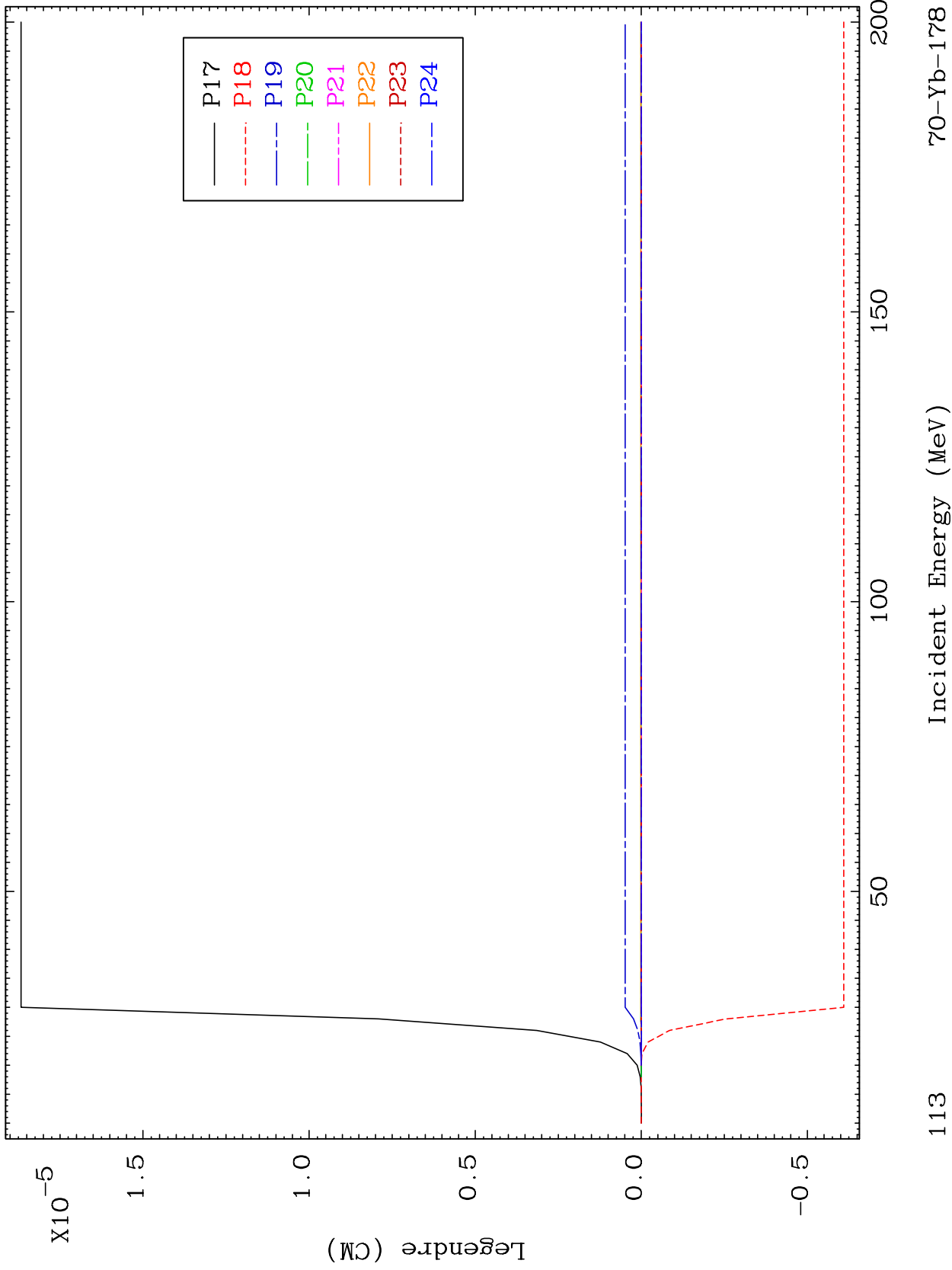




MAT 7055

2.770 MeV (n, n') Level
Legendre Coefficients

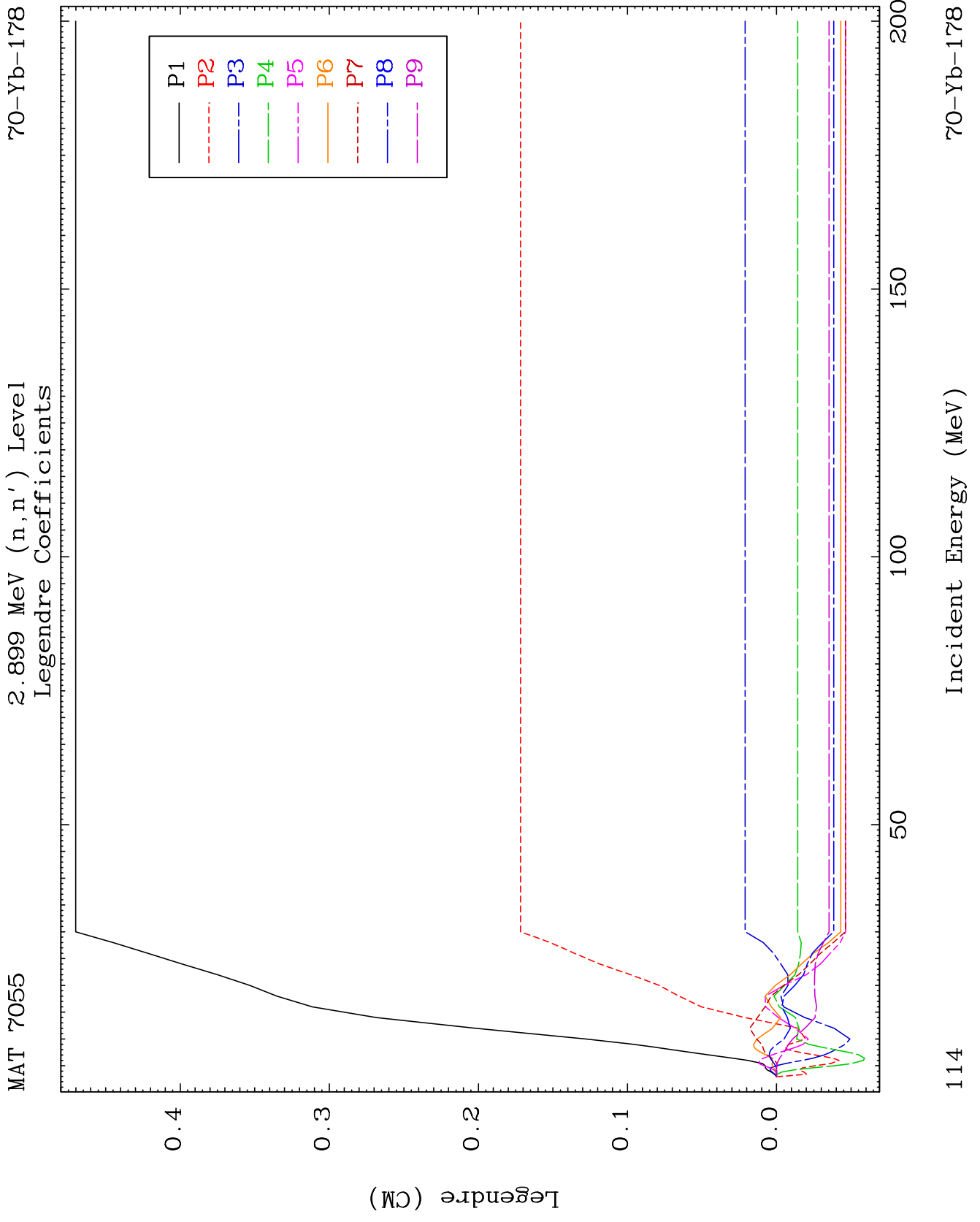
70-Yb-178



113

Incident Energy (MeV)

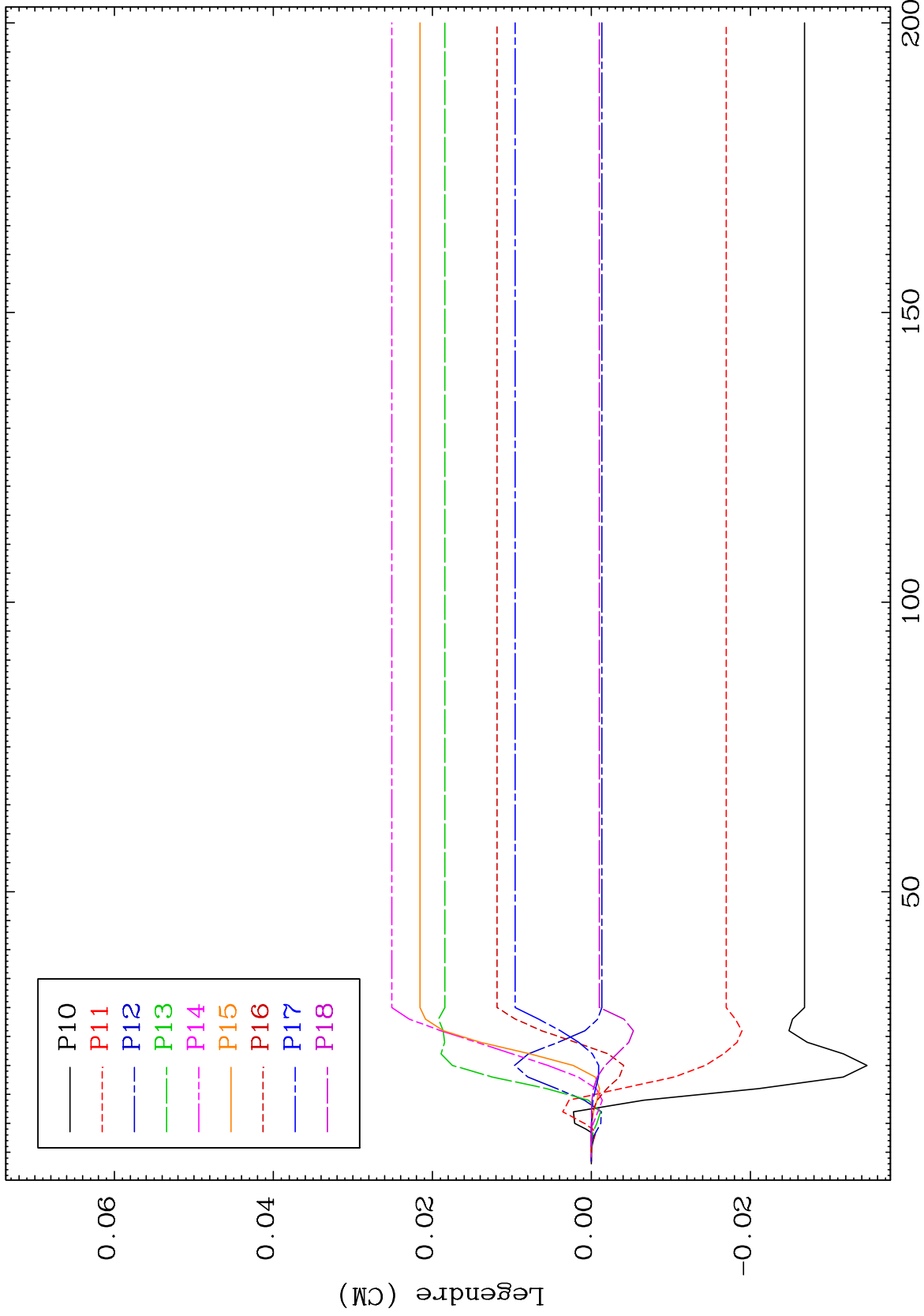
70-Yb-178



MAT 70555

2.899 MeV (n,n') Level
Legendre Coefficients

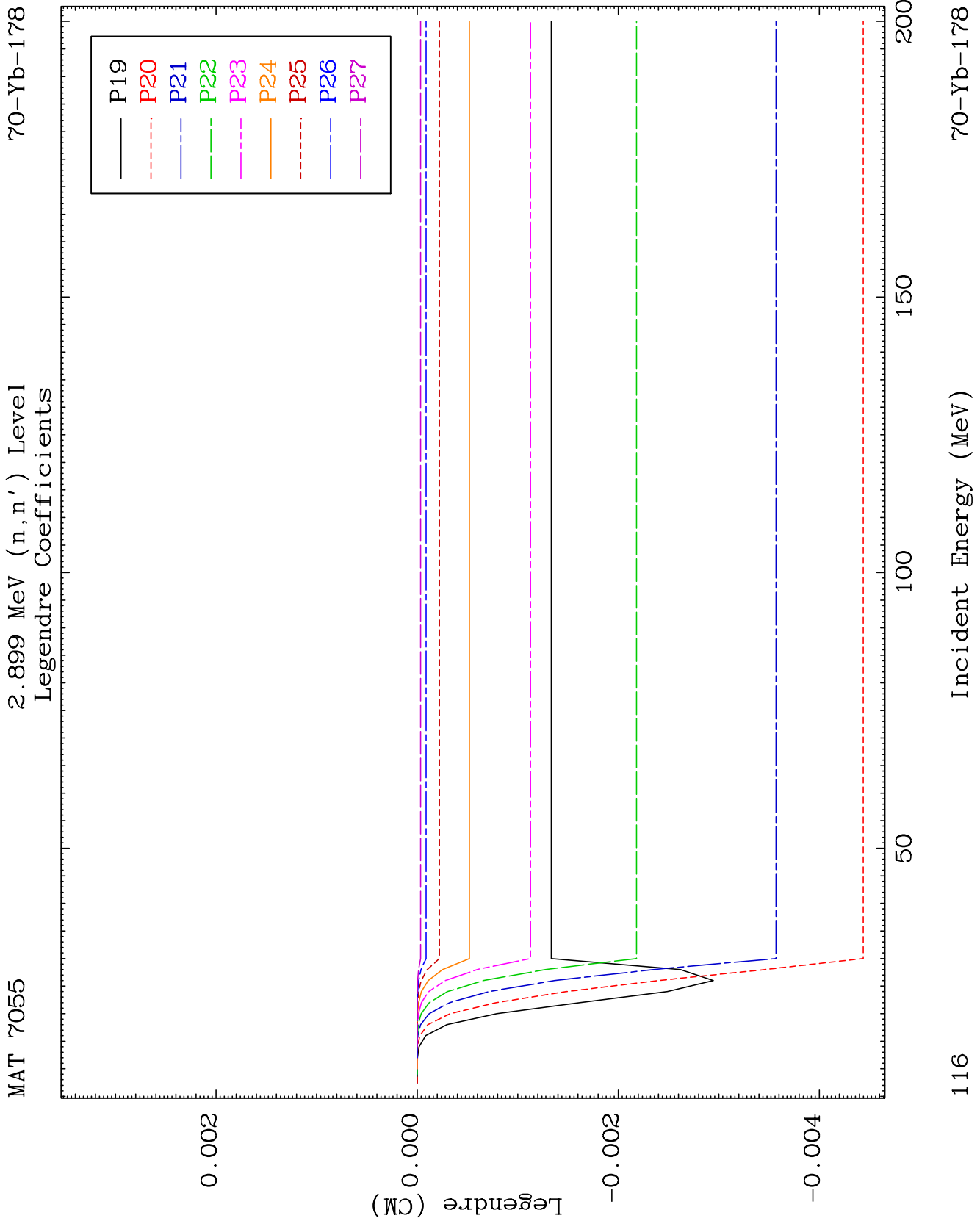
70-Yb-178

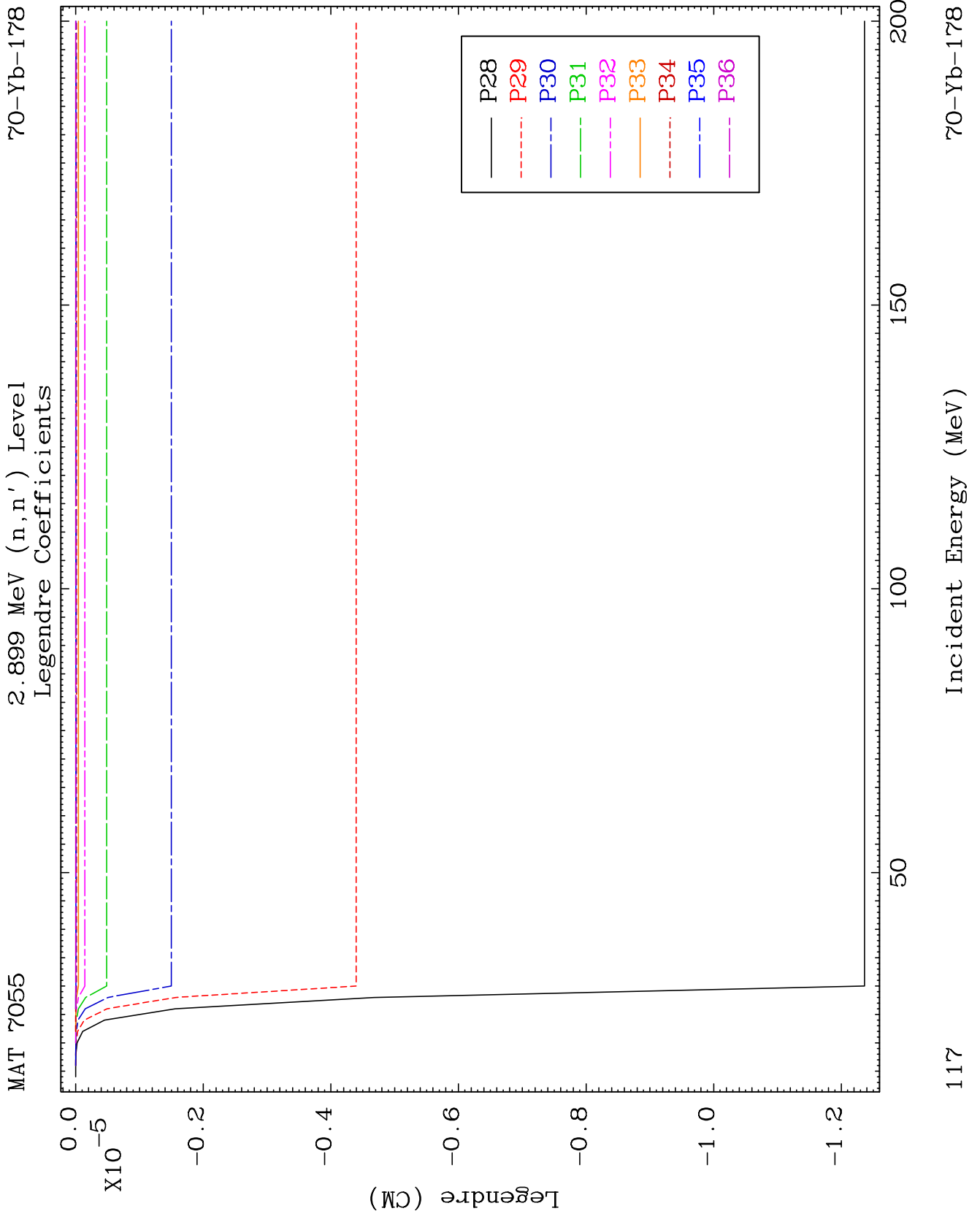


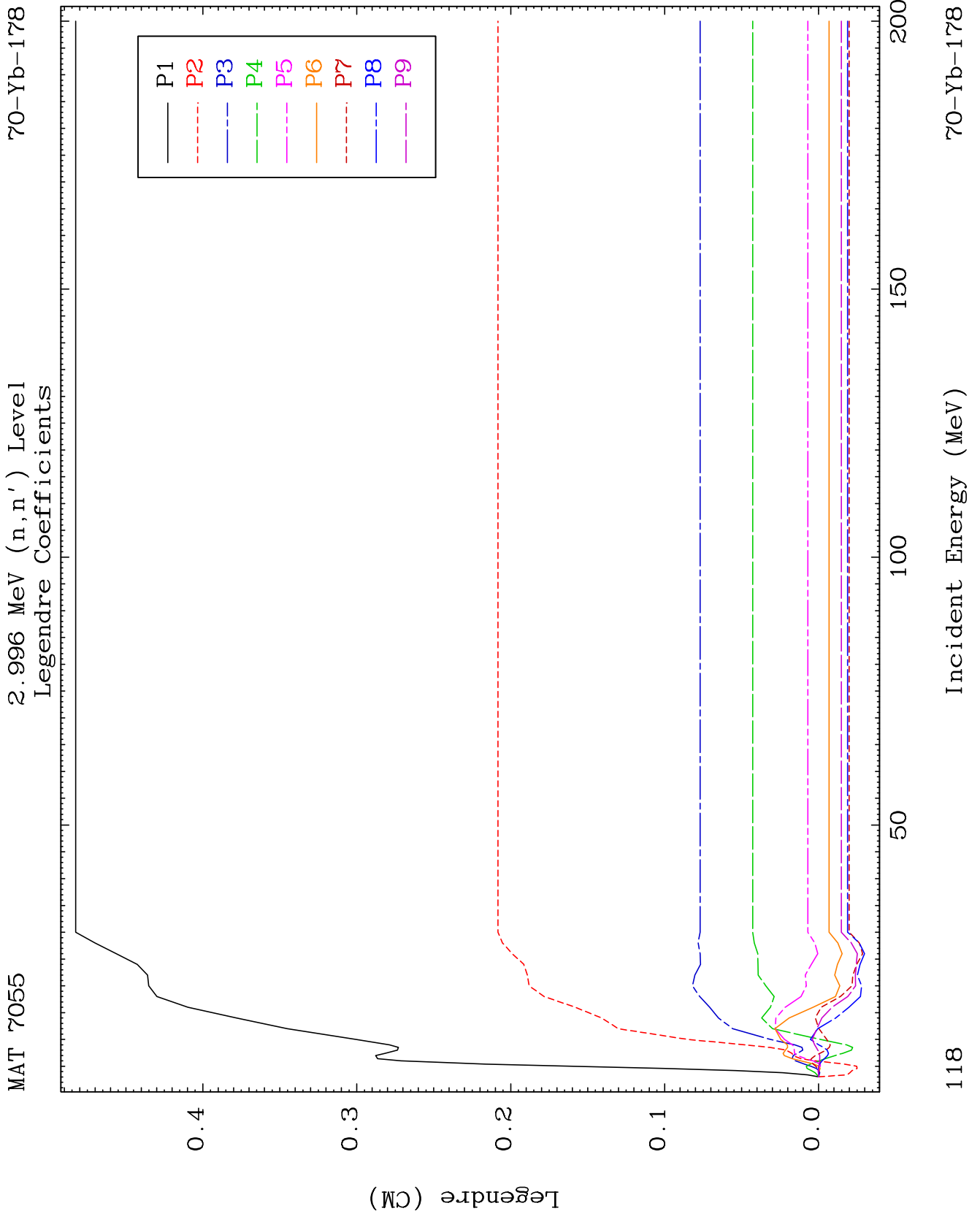
115

Incident Energy (MeV)

70-Yb-178



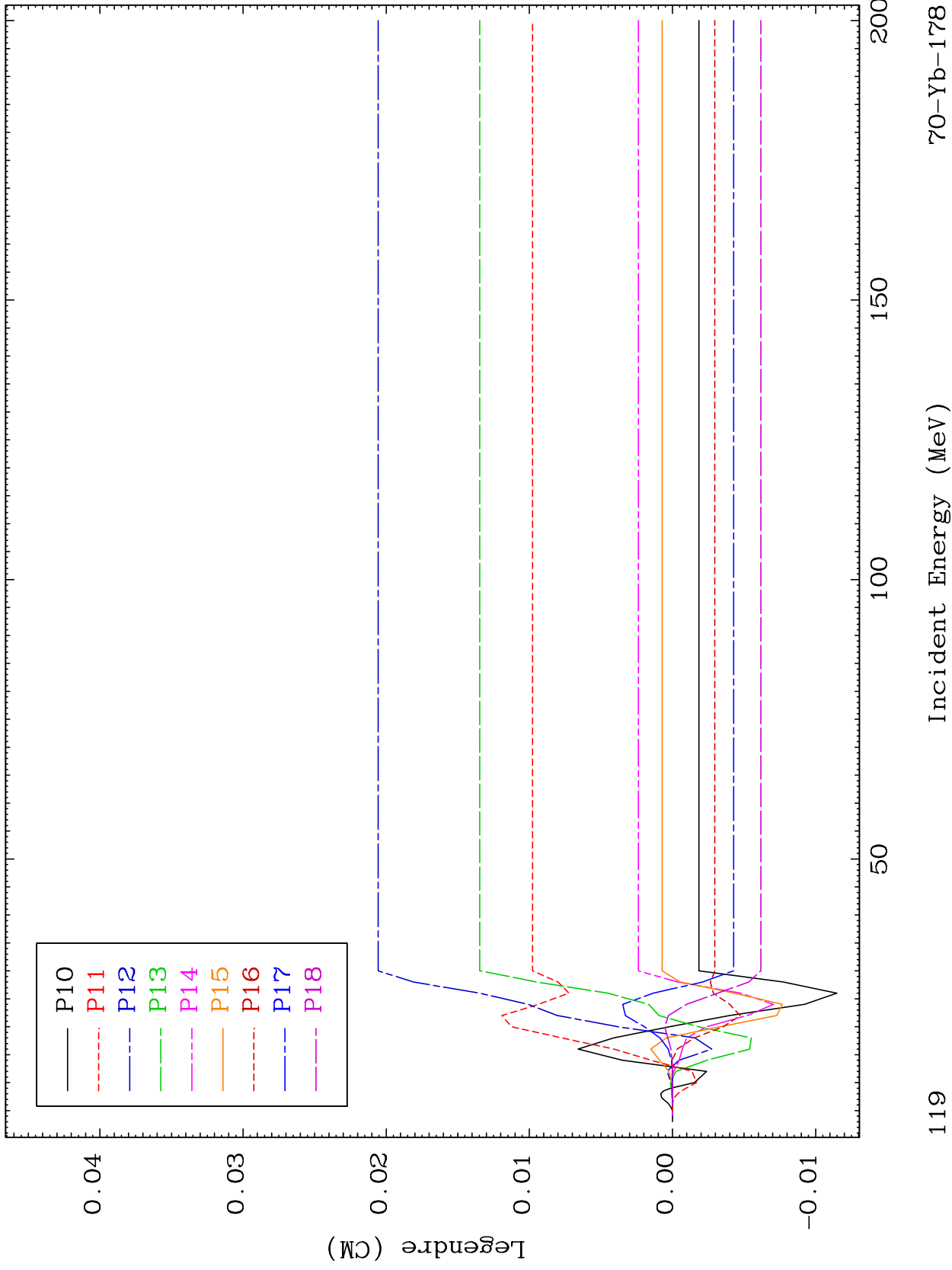




MAT 7055

2.996 MeV (n,n') Level
Legendre Coefficients

70-Yb-178



119

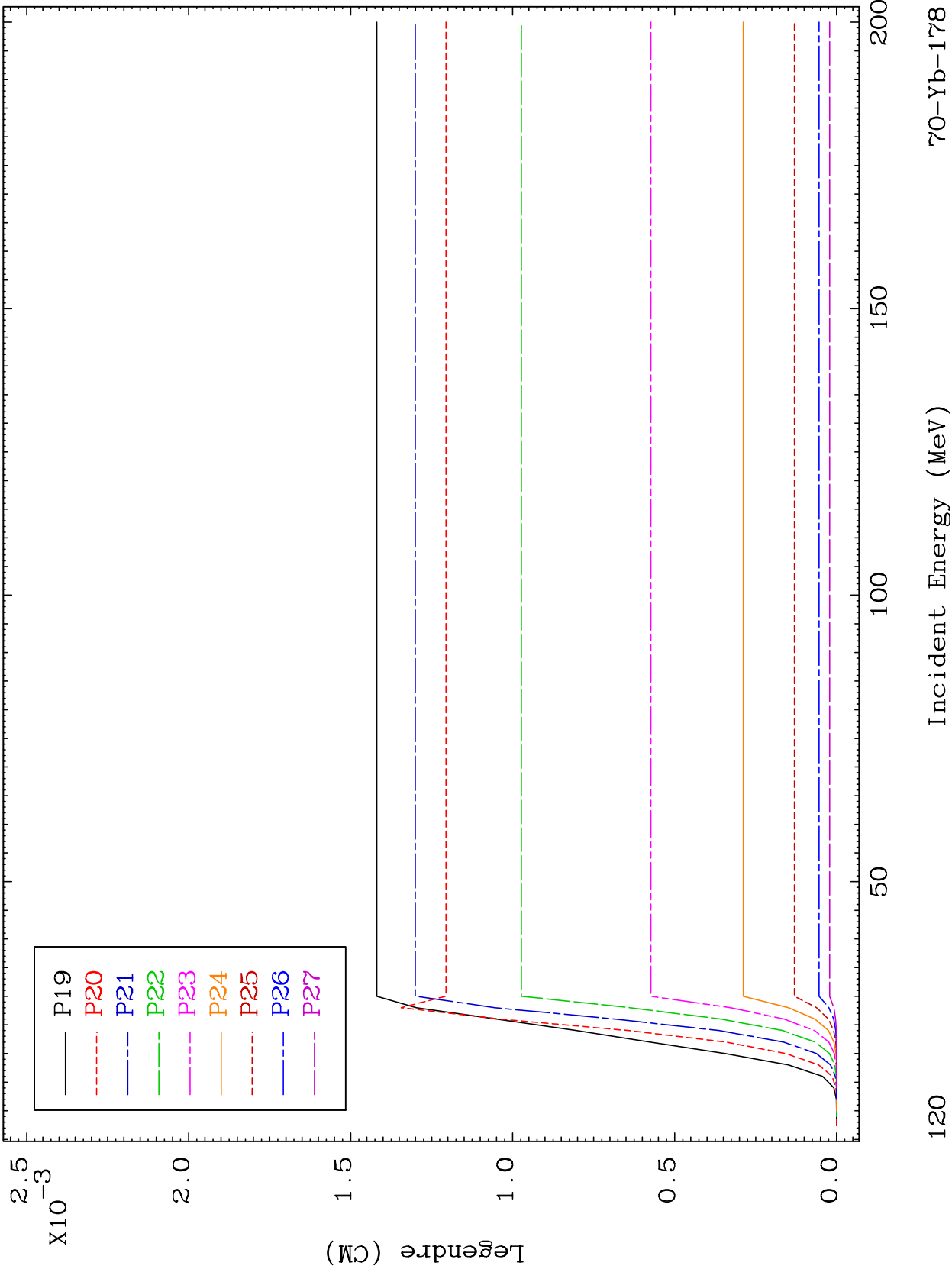
Incident Energy (MeV)

70-Yb-178

MAT 7055

2.996 MeV (n,n') Level
Legendre Coefficients

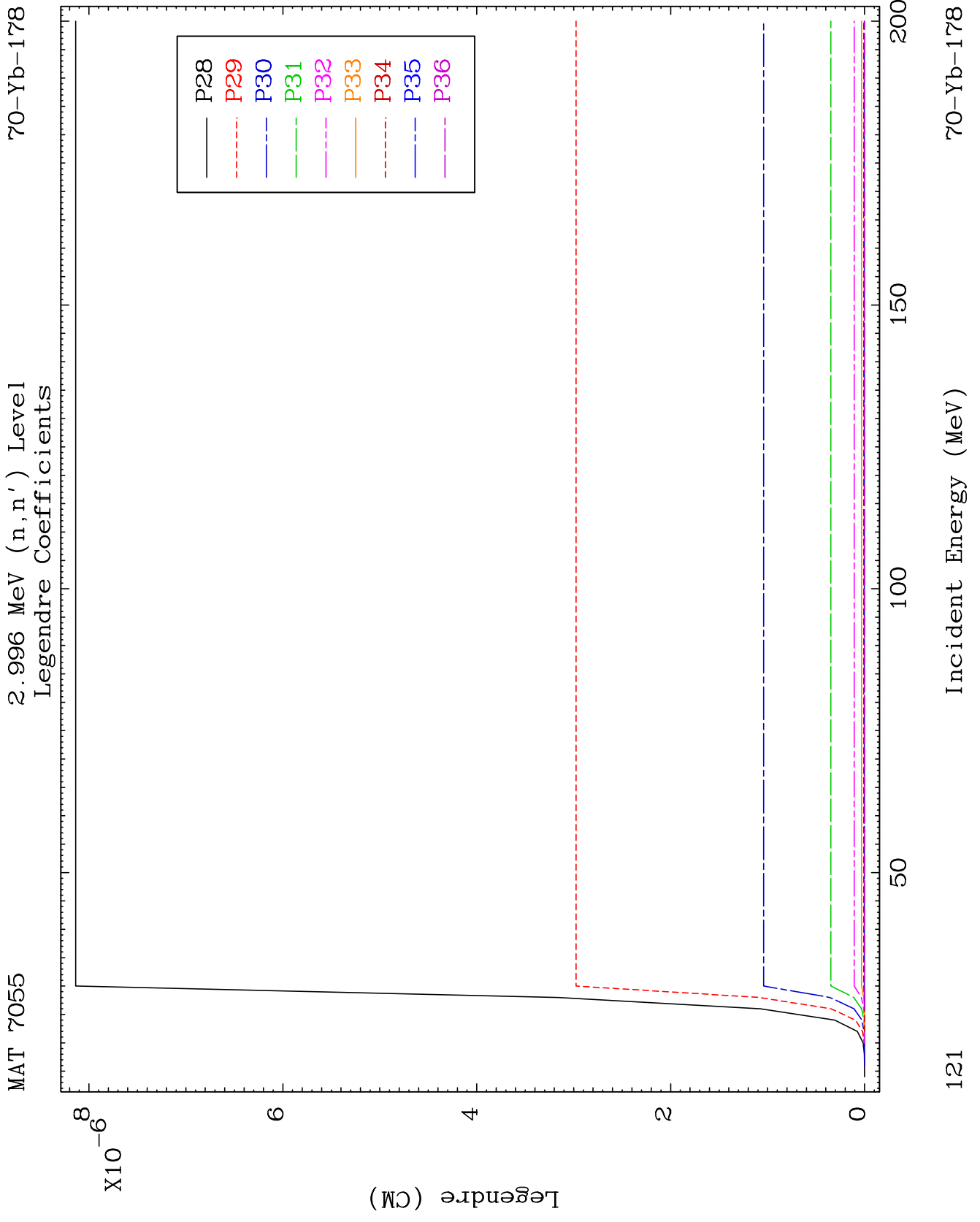
70-Yb-178

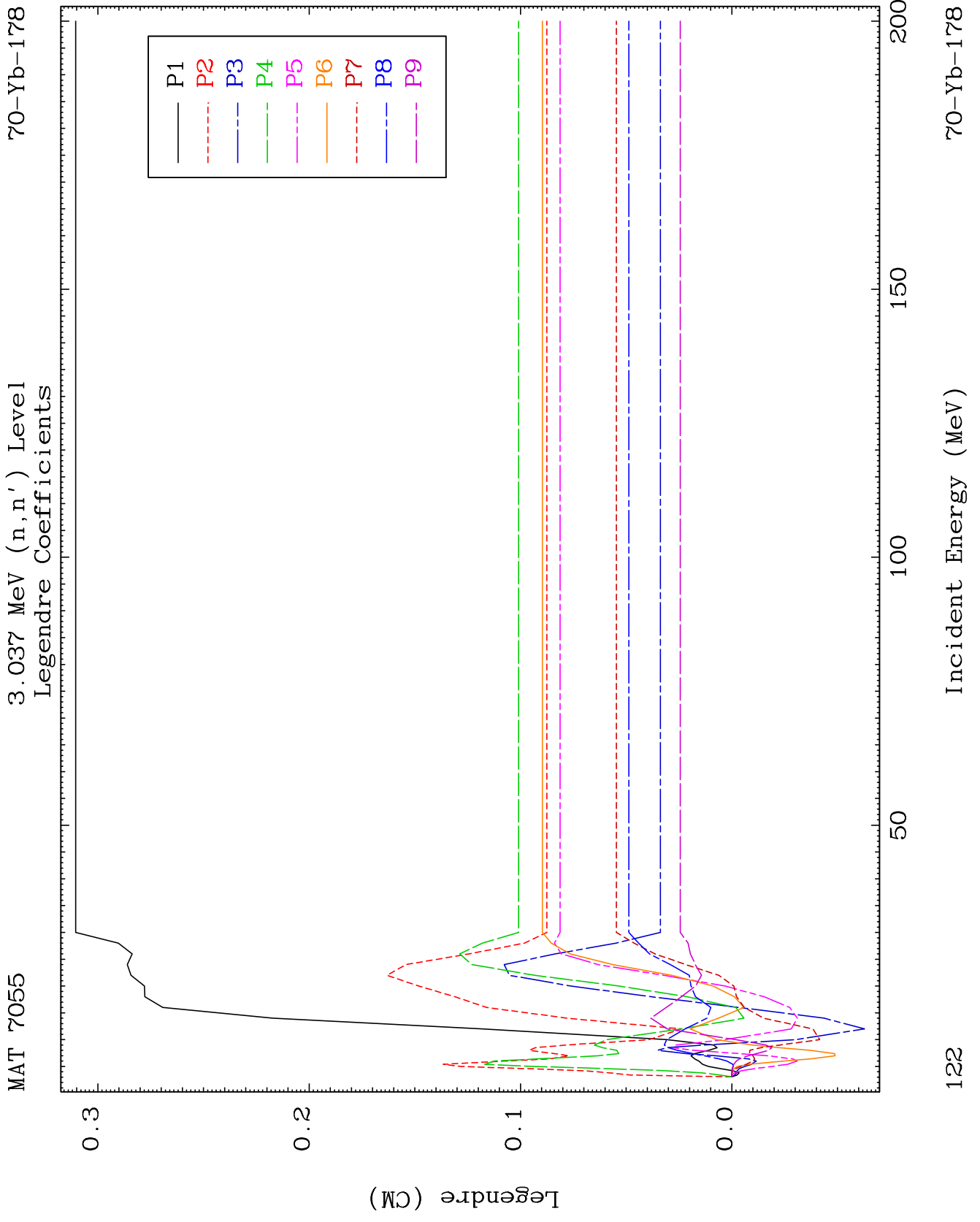


120

Incident Energy (MeV)

70-Yb-178

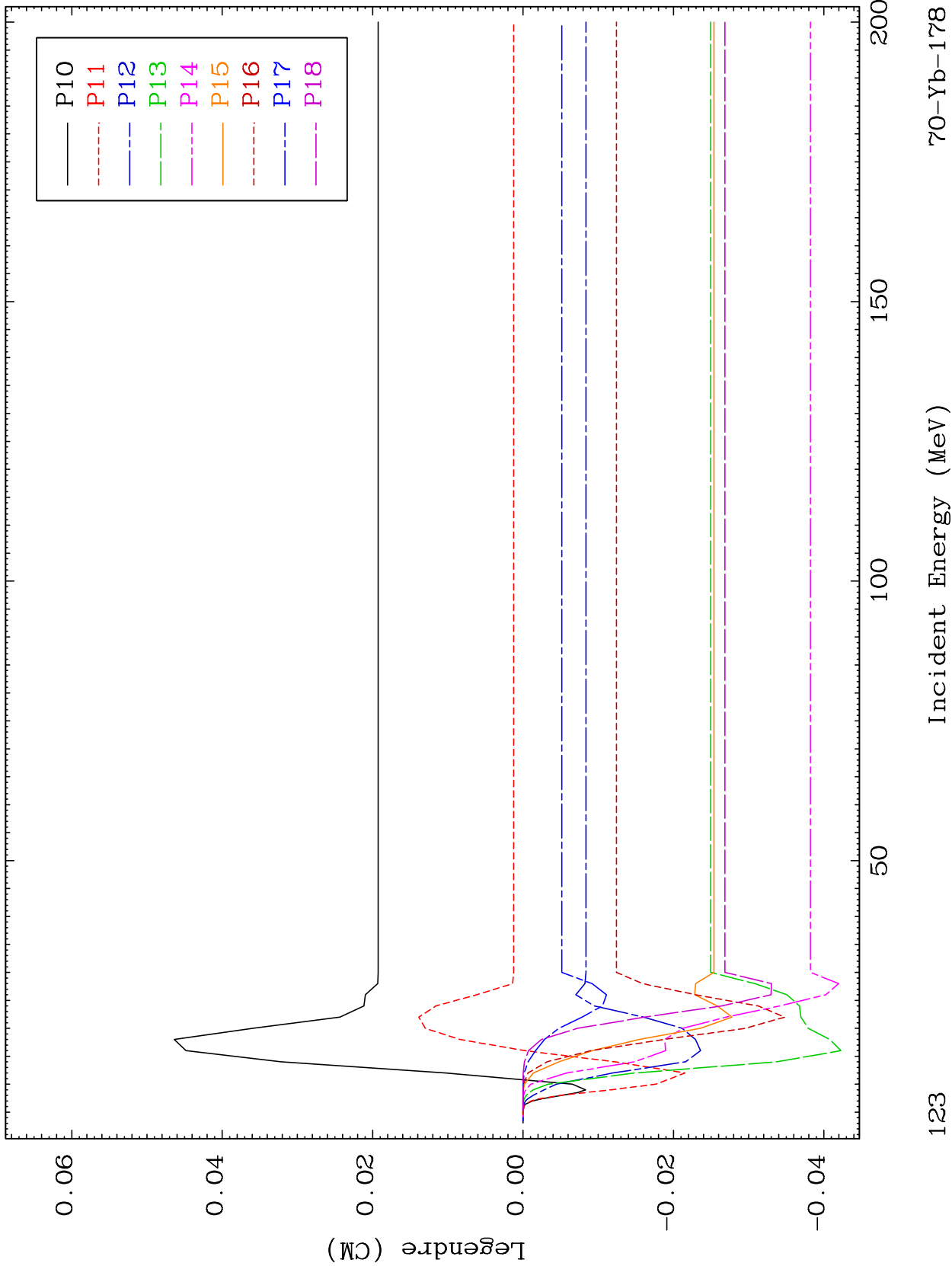




MAT 7055

3.037 MeV (n,n') Level
Legendre Coefficients

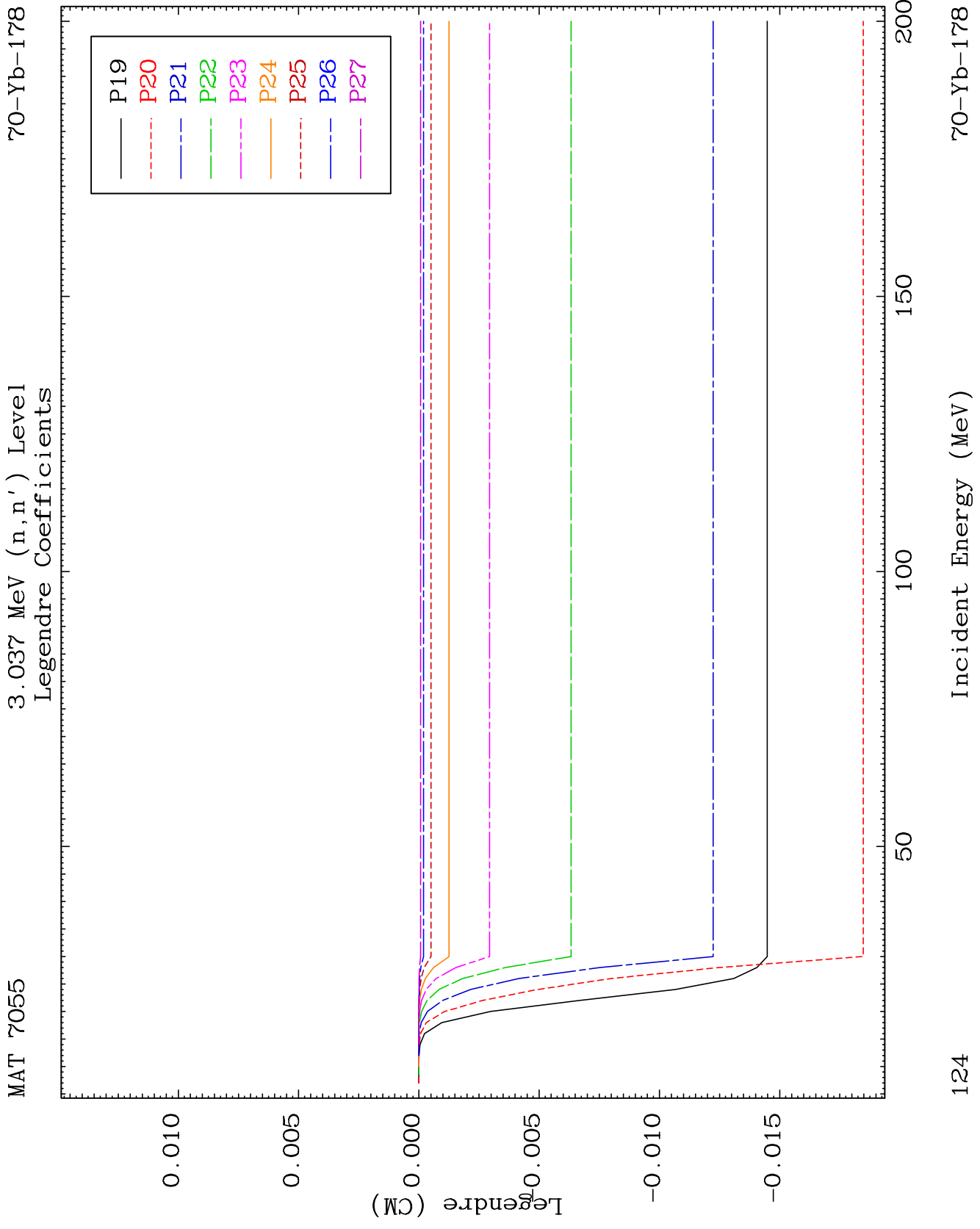
70-Yb-178

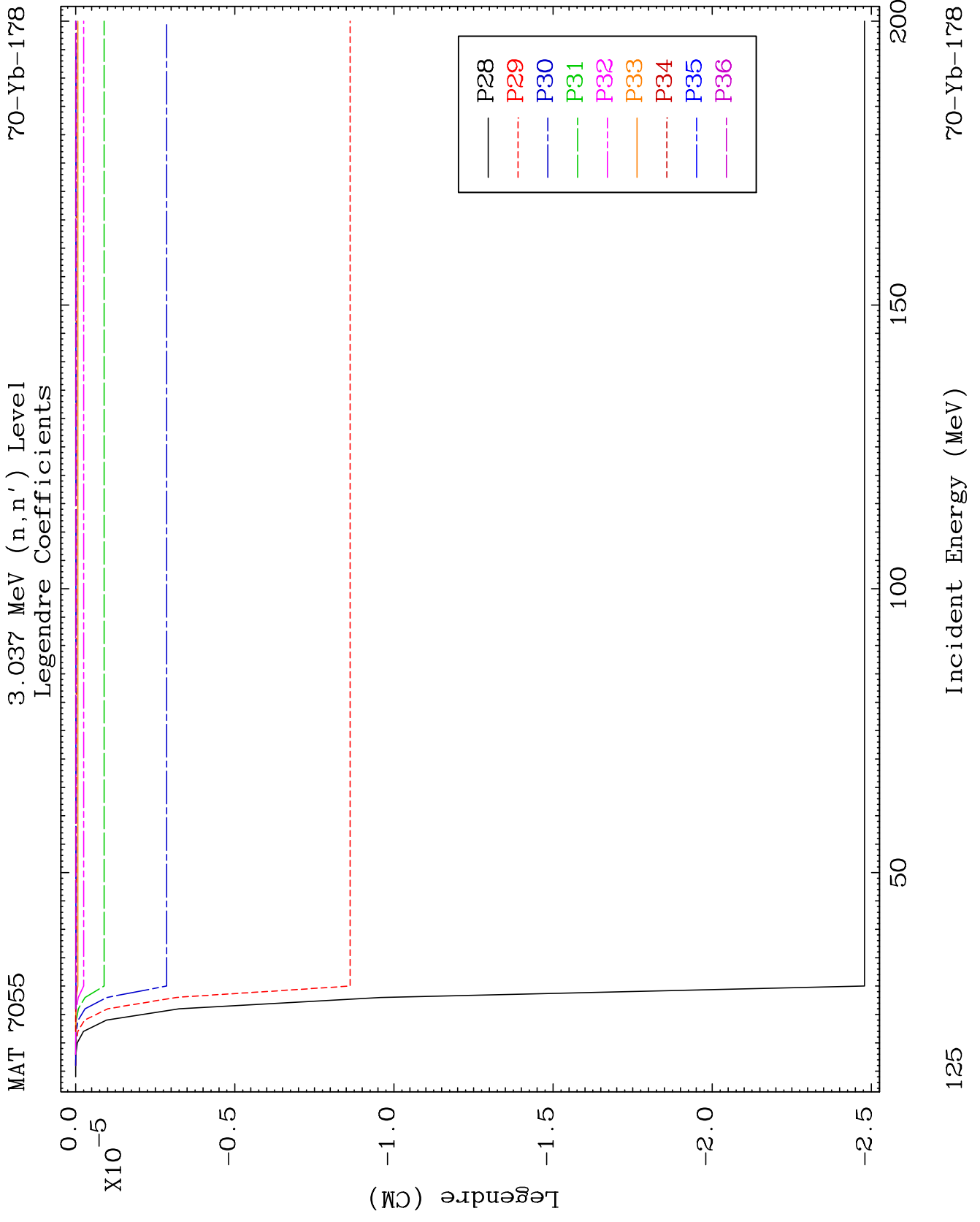


123

Incident Energy (MeV)

70-Yb-178

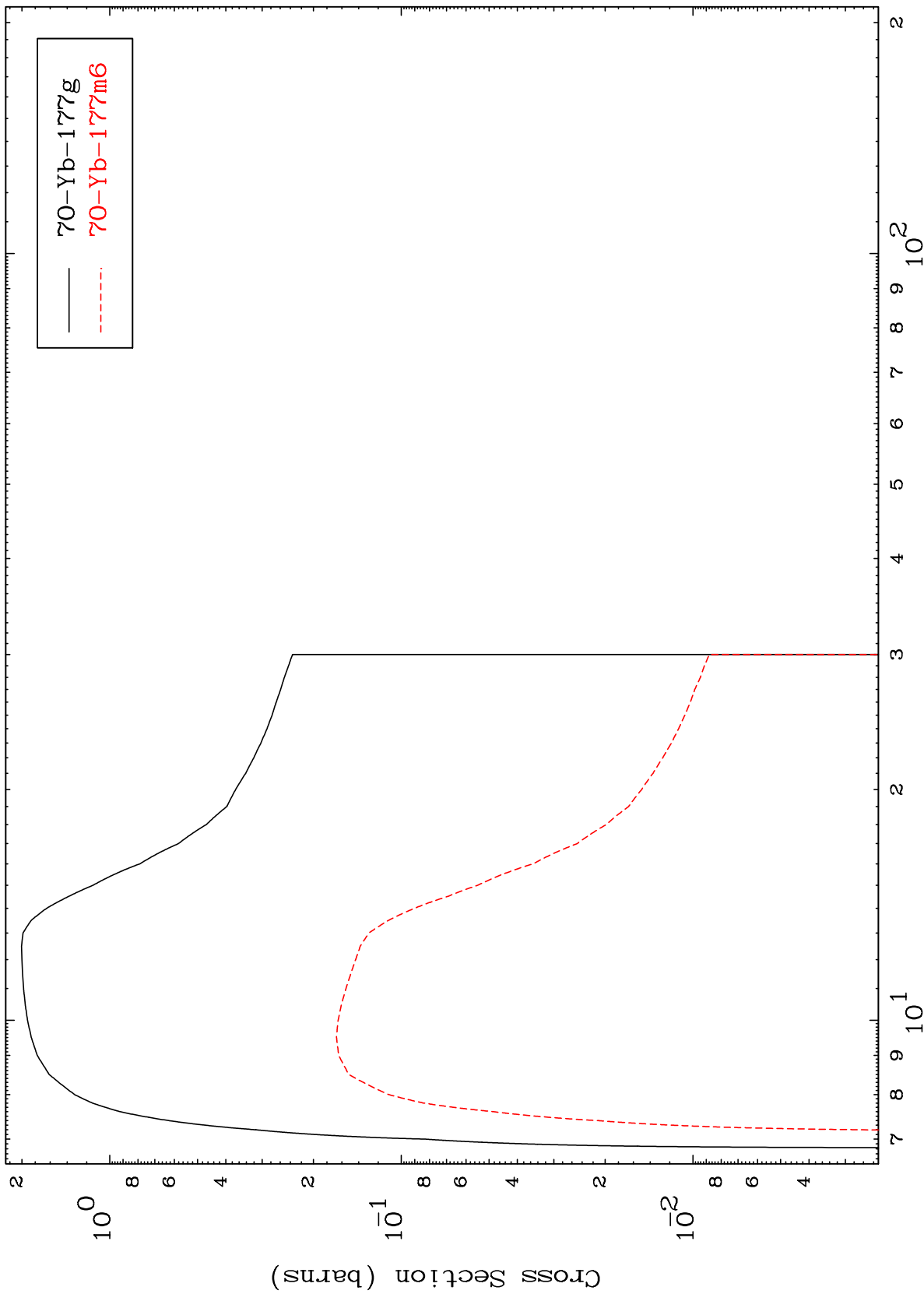




MAT 7055

70-Yb-178

(n,2n)
Radionuclide Production Cross Section



126

Incident Energy (MeV)

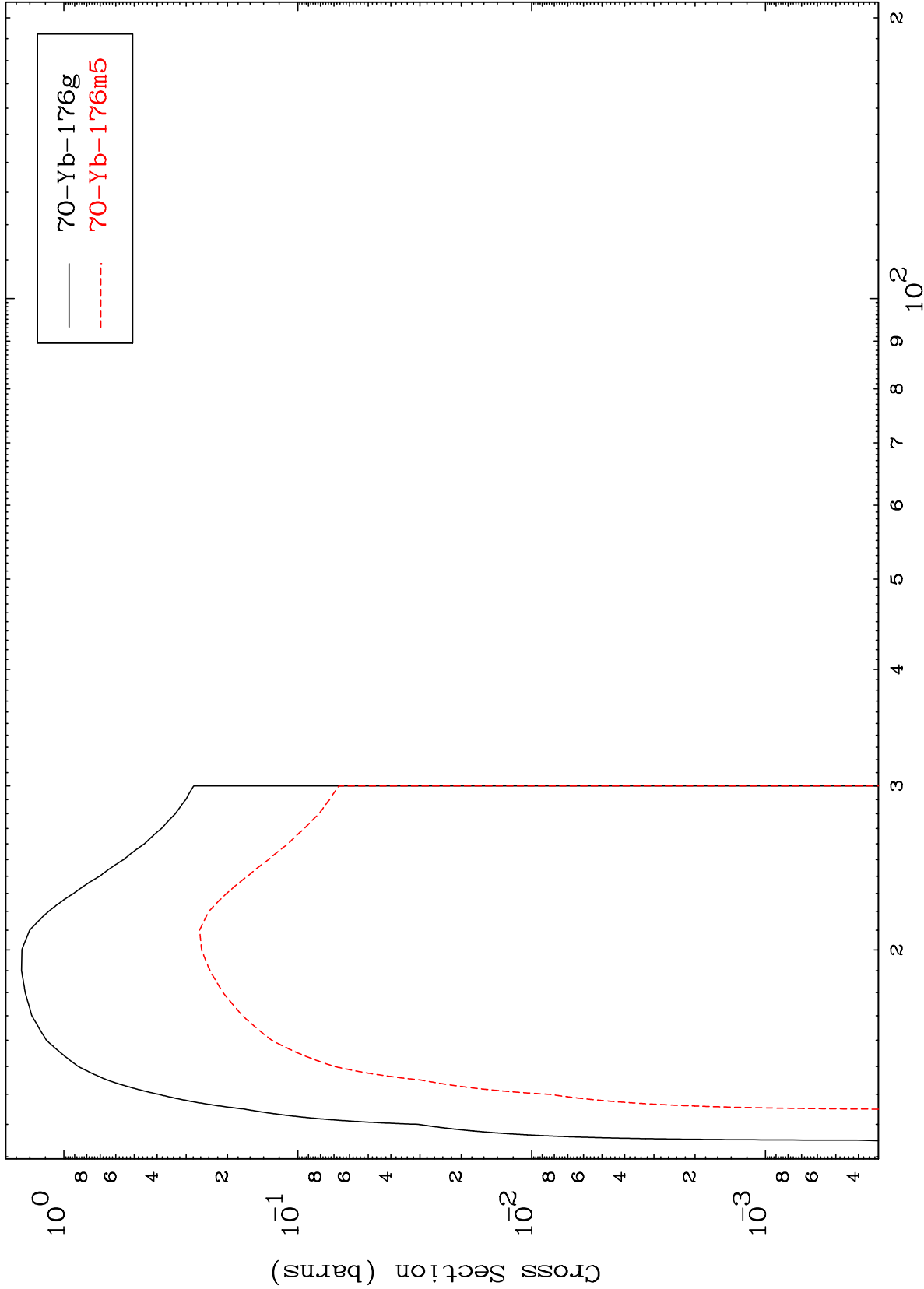
70-Yb-178

MAT 7055

(n,3n)

70-Yb-178

Radionuclide Production Cross Section



127

Incident Energy (MeV)

70-Yb-178