

Program EVALPLOT
(Version 2021-1)

by

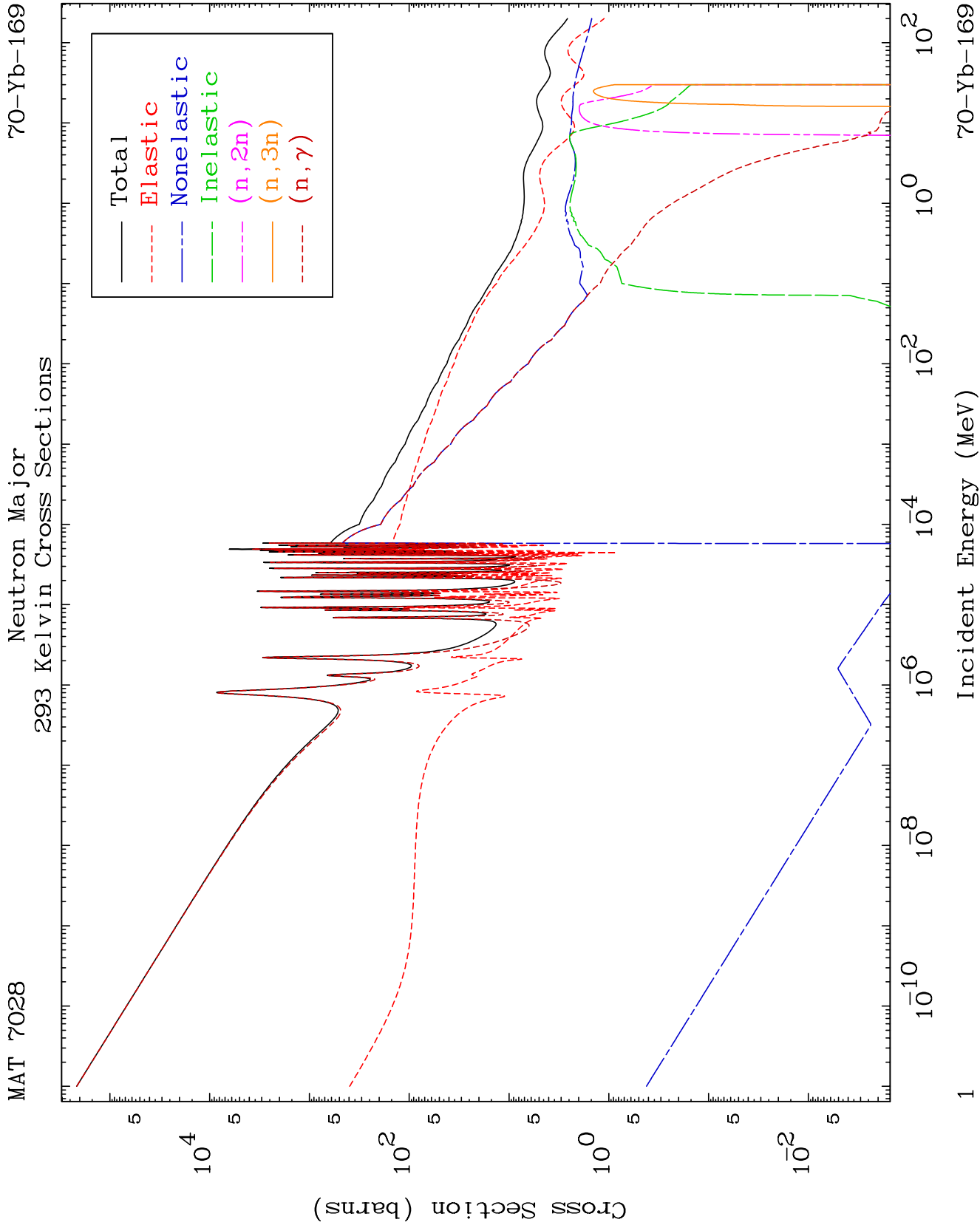
Dermott E. Cullen
(Present Contact Information)

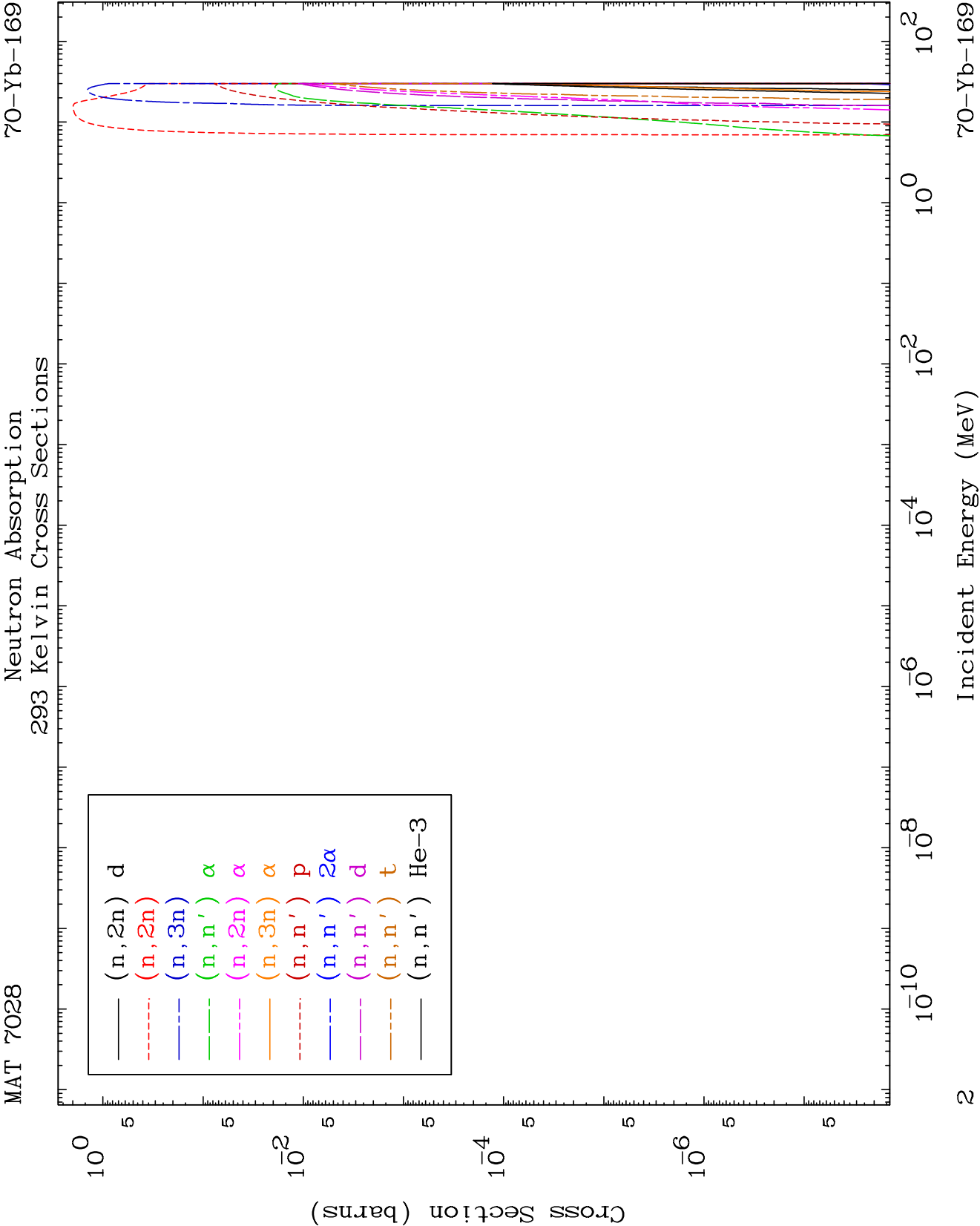
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

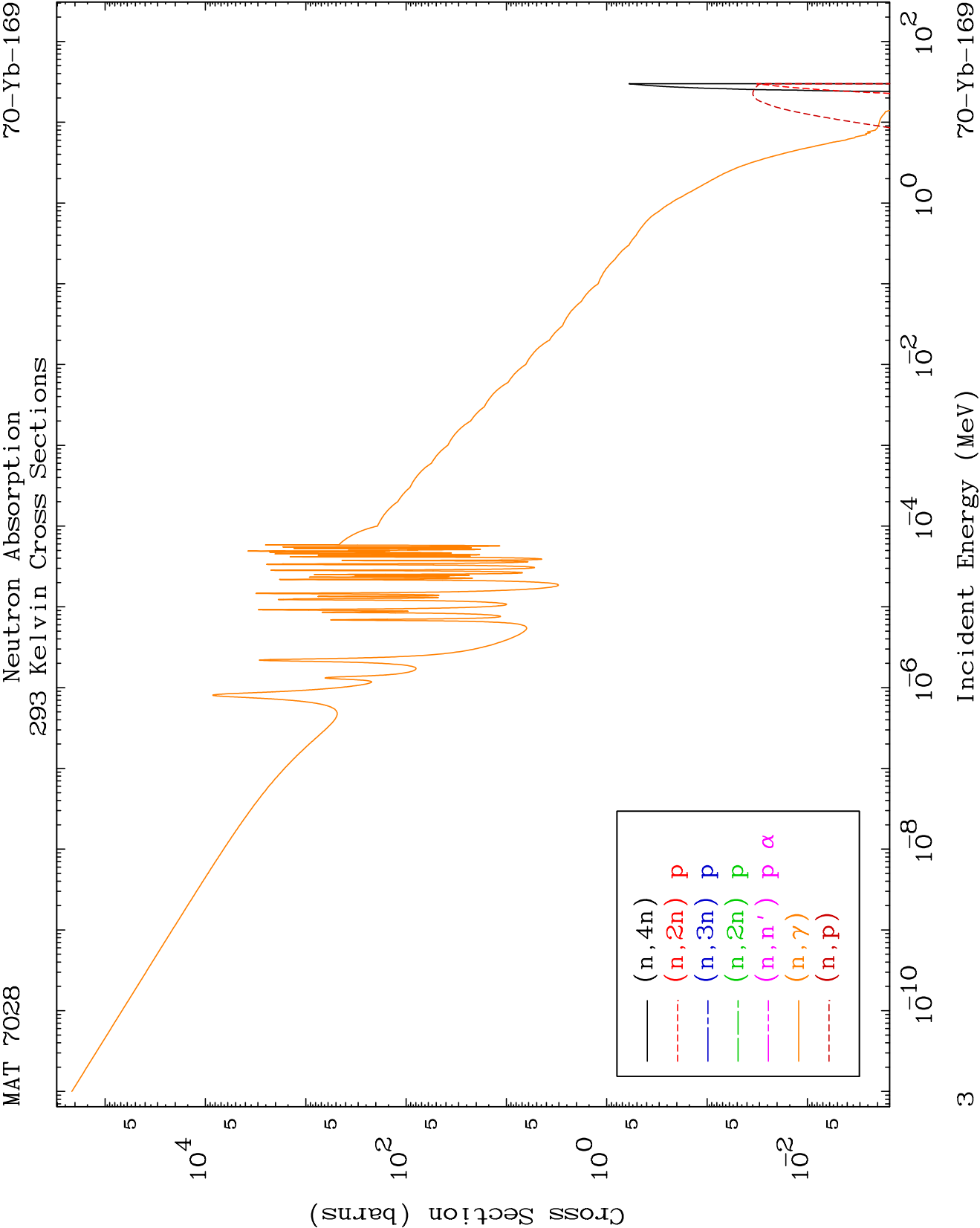
Tele: 925-443-1911

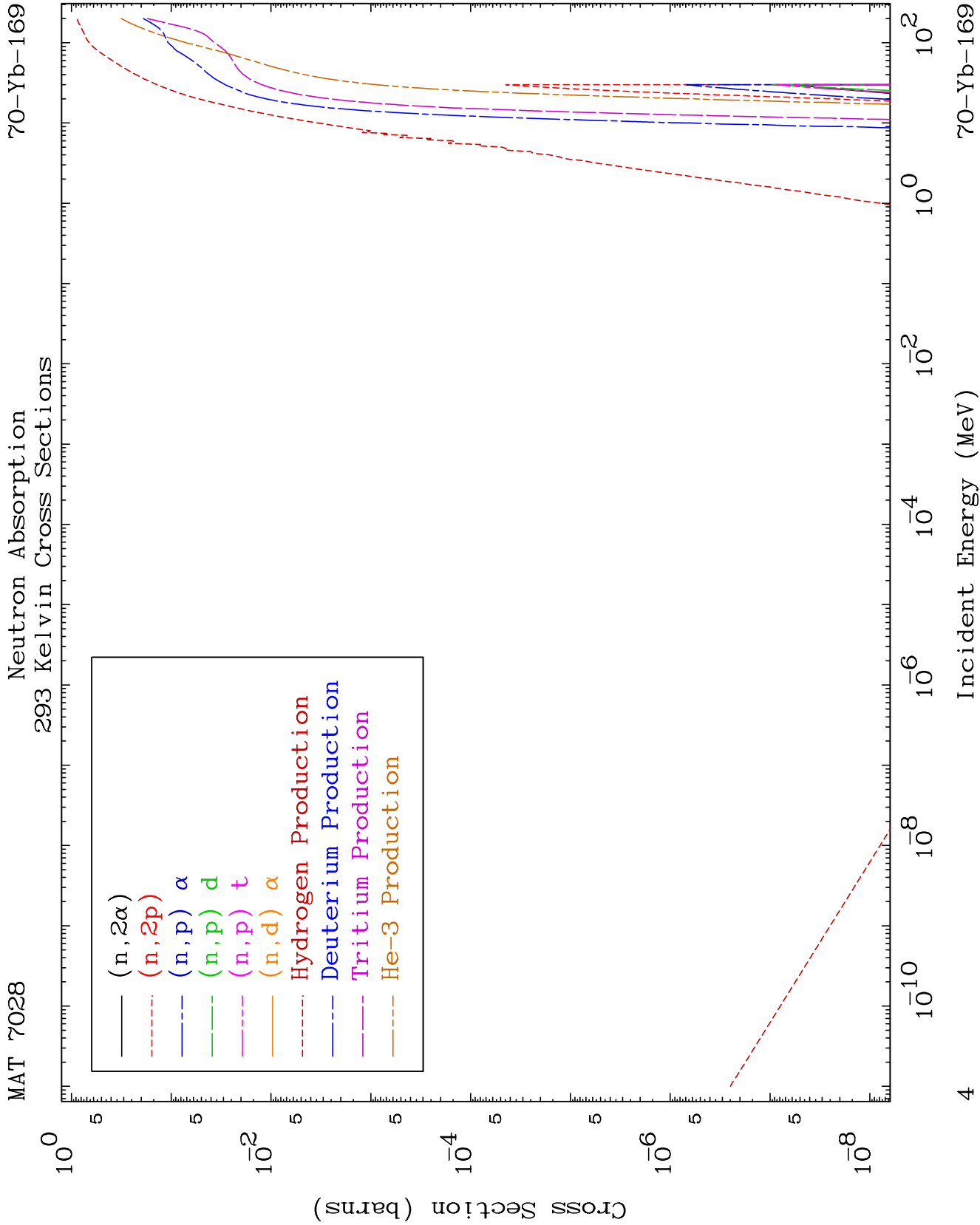
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start





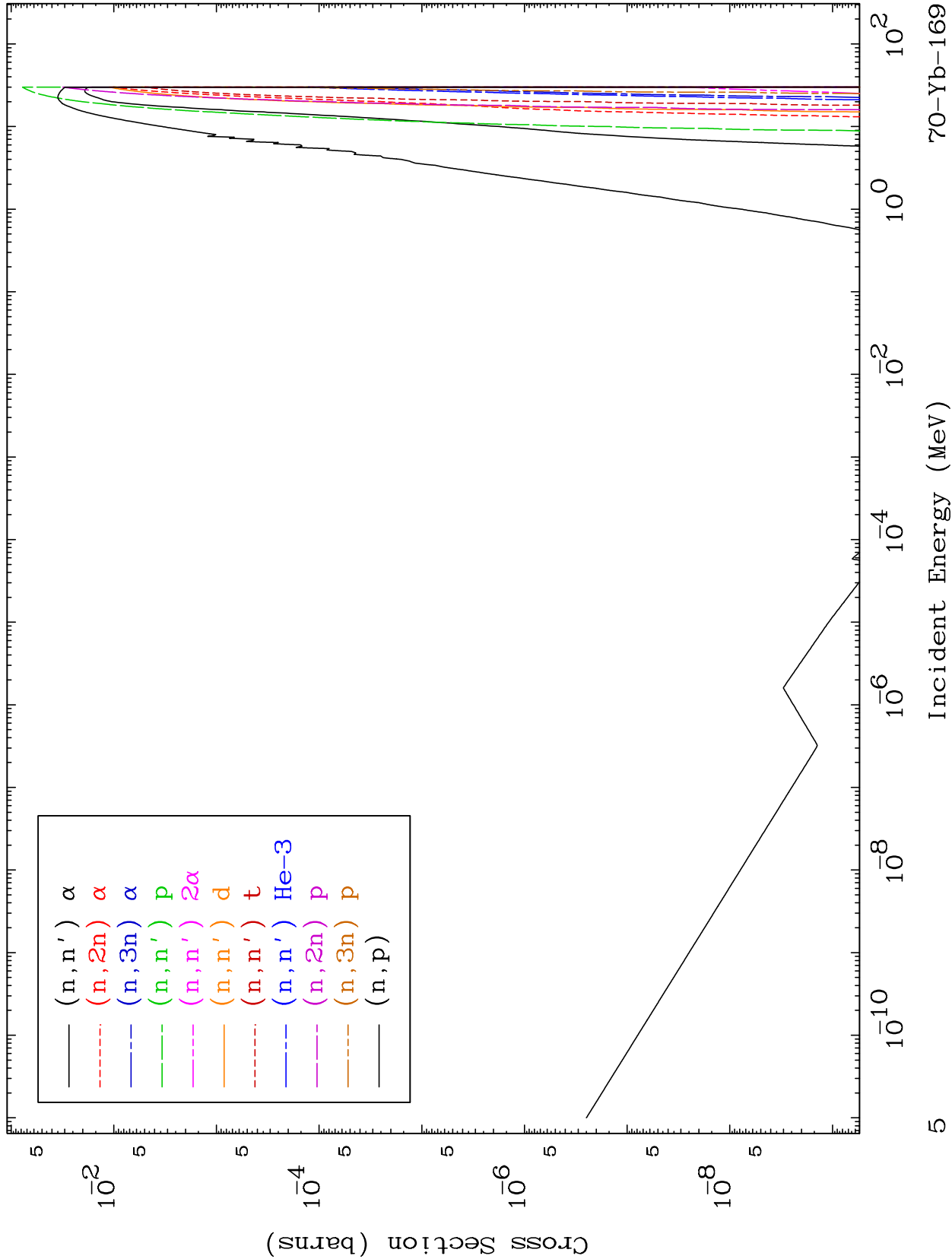


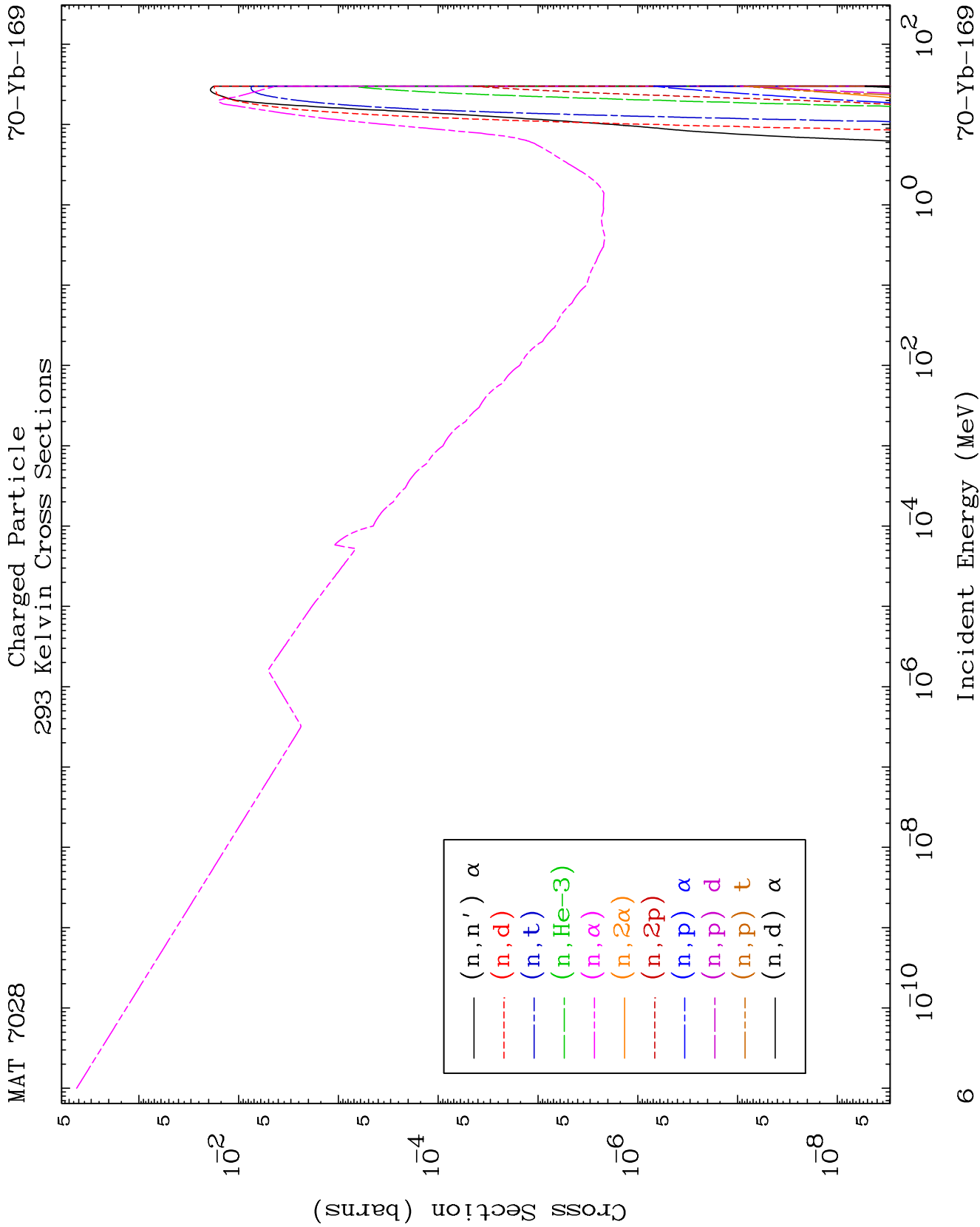


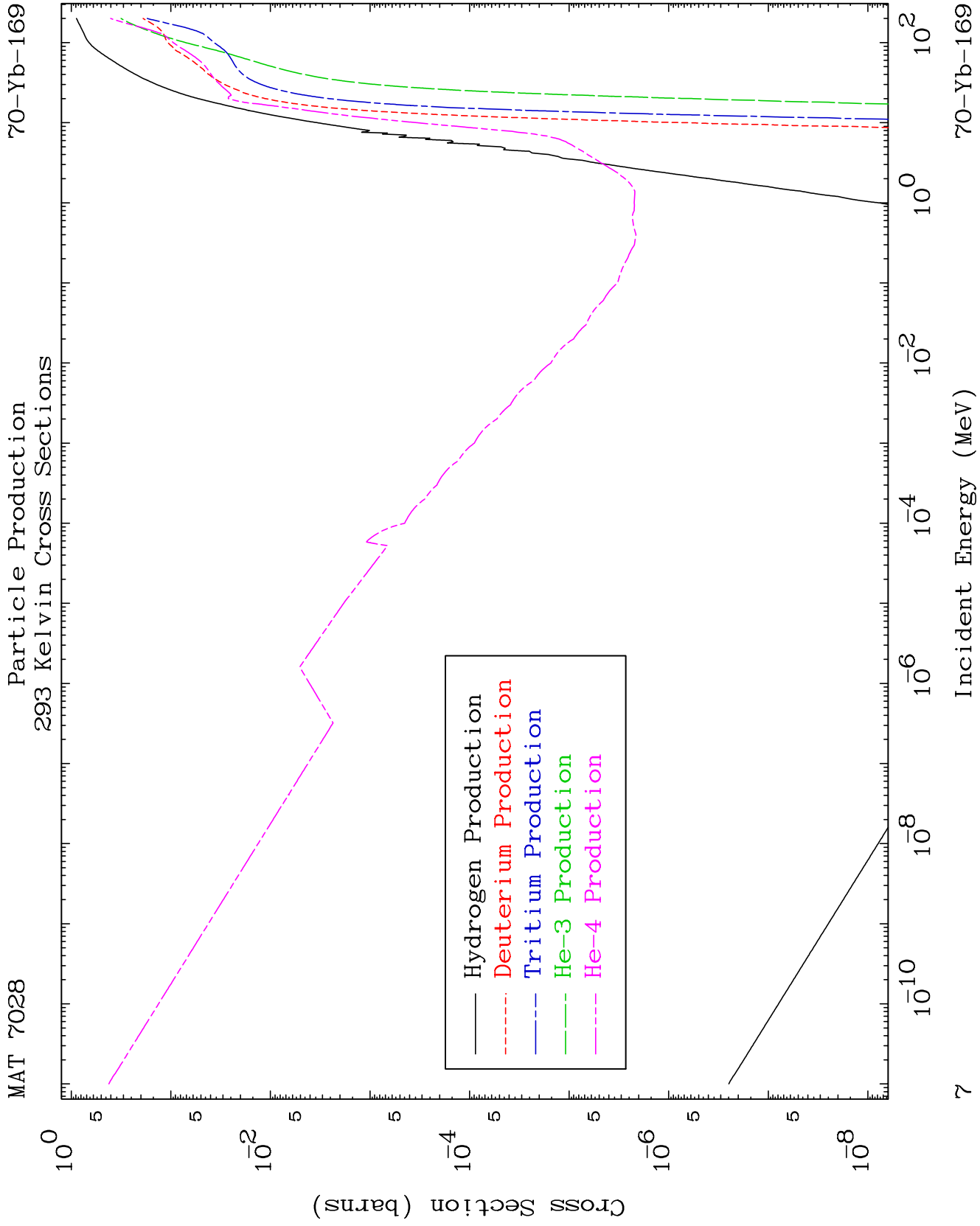
MAT 7028

Charged Particle
293 Kelvin Cross Sections

70-Yb-169



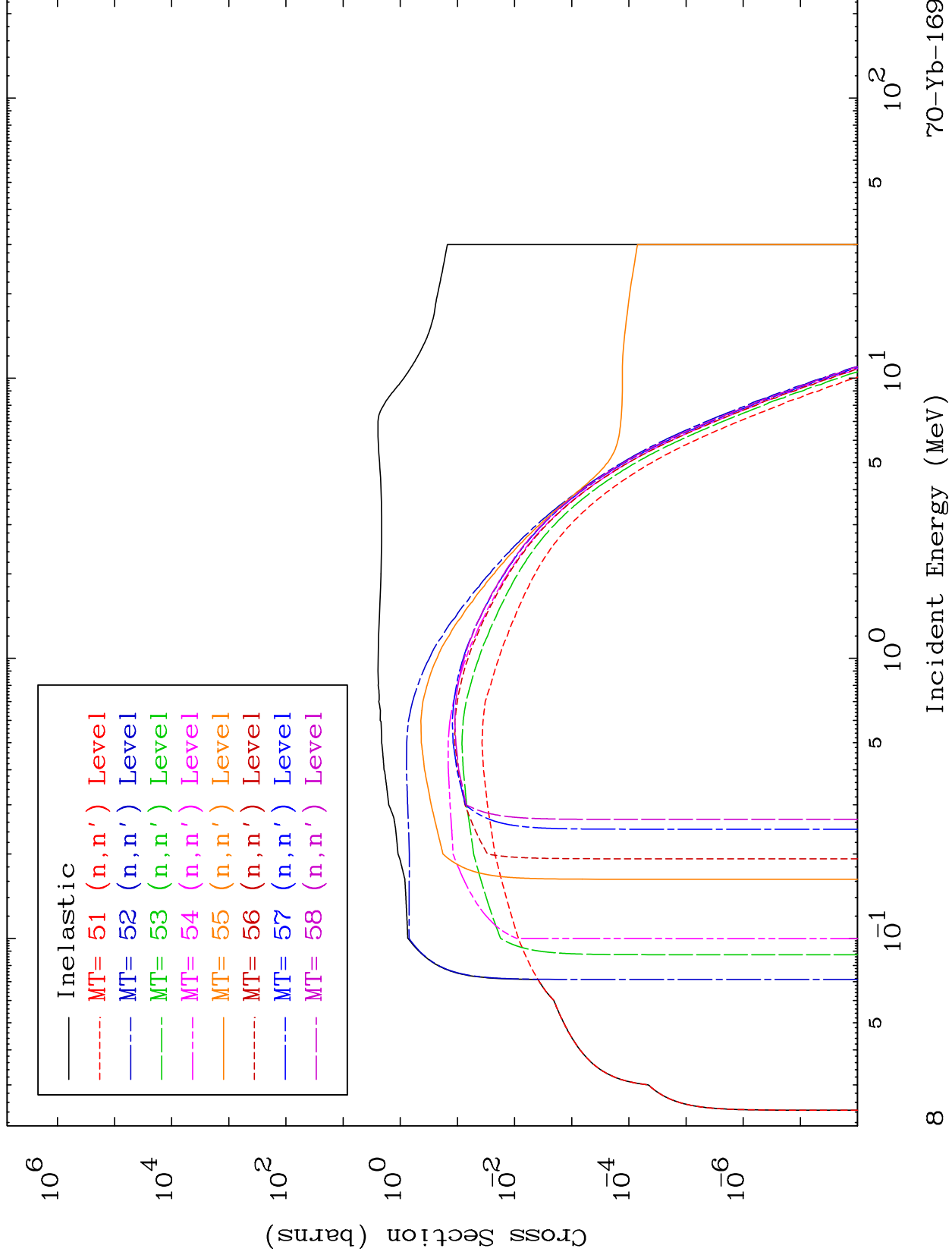


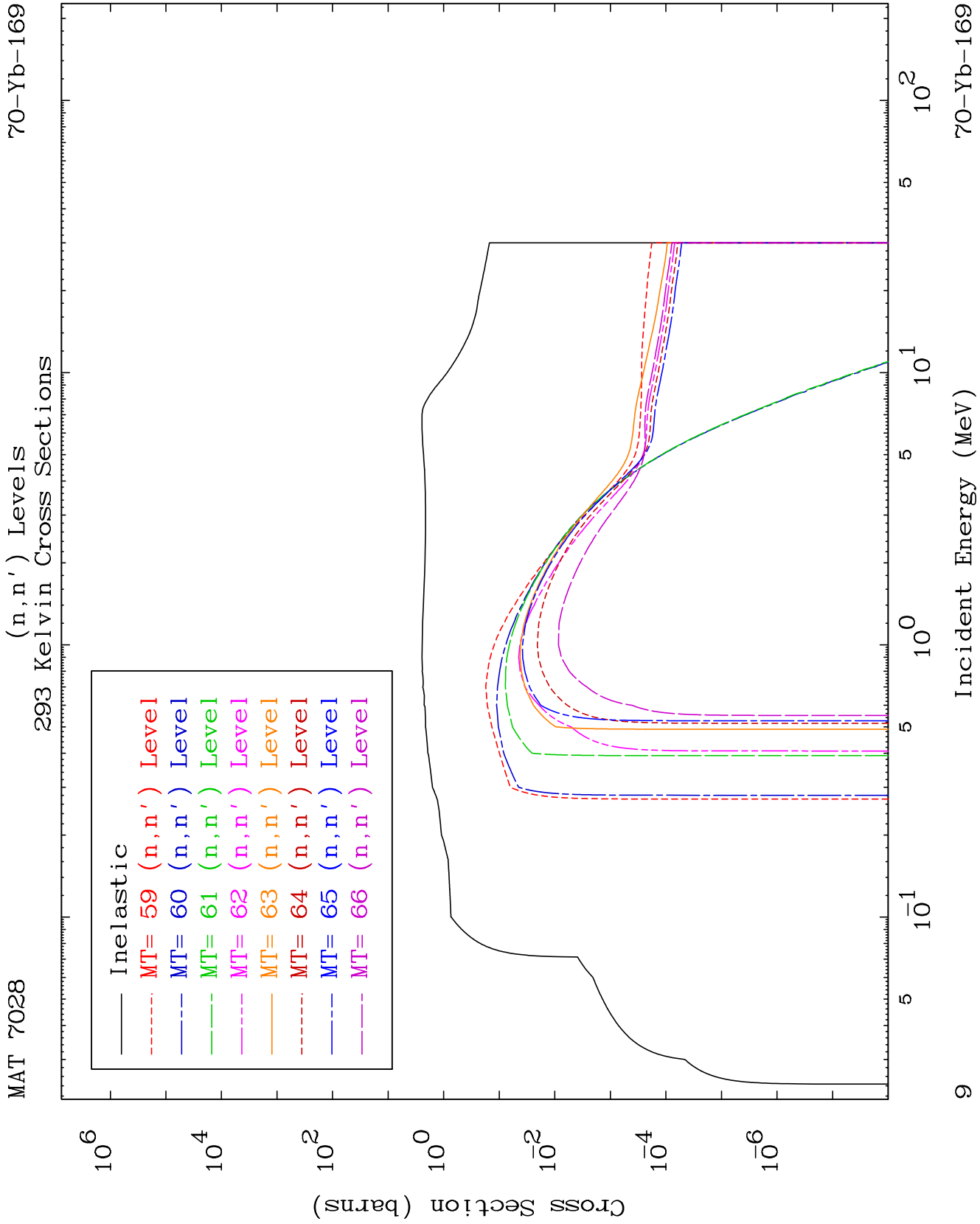


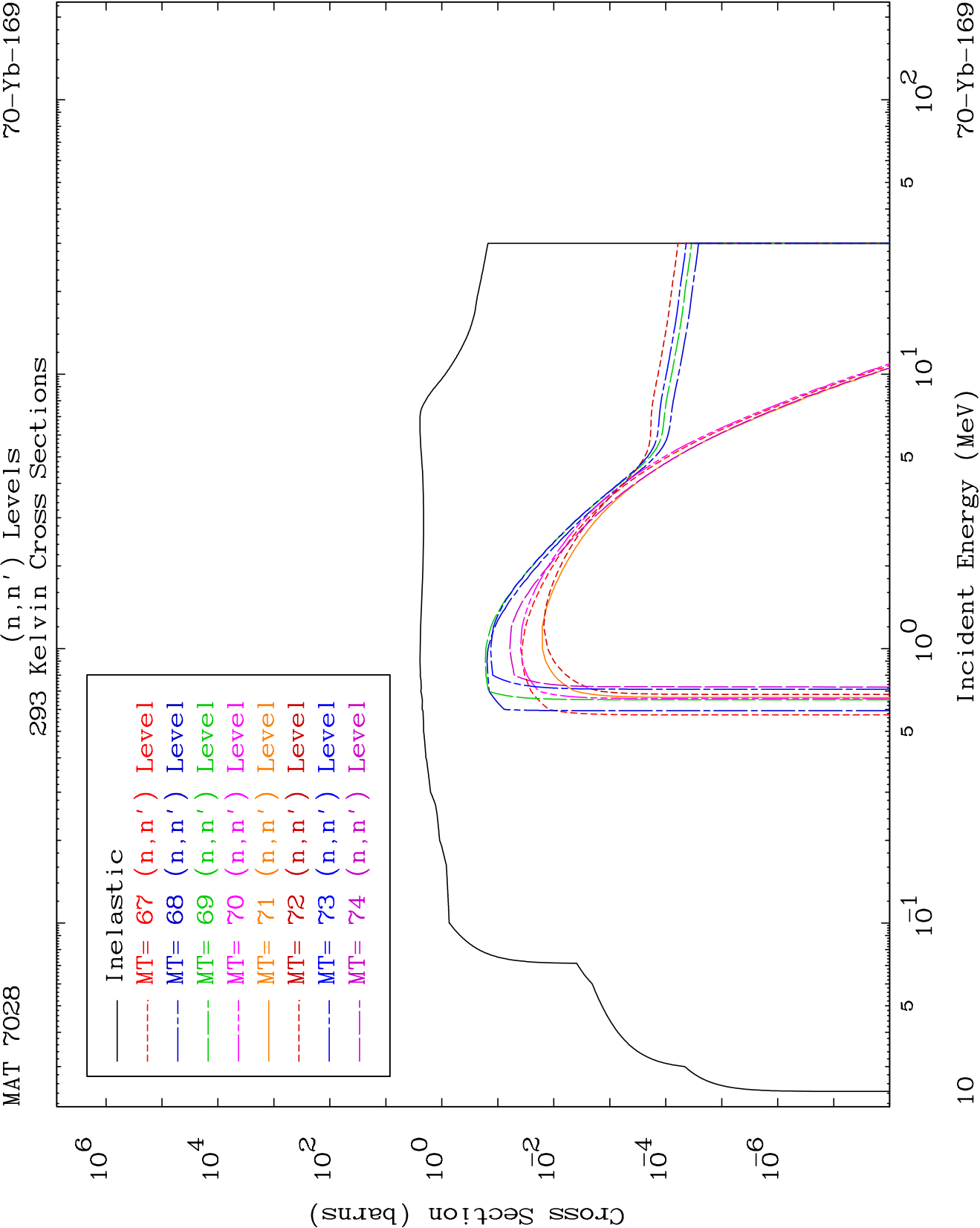
MAT 7028

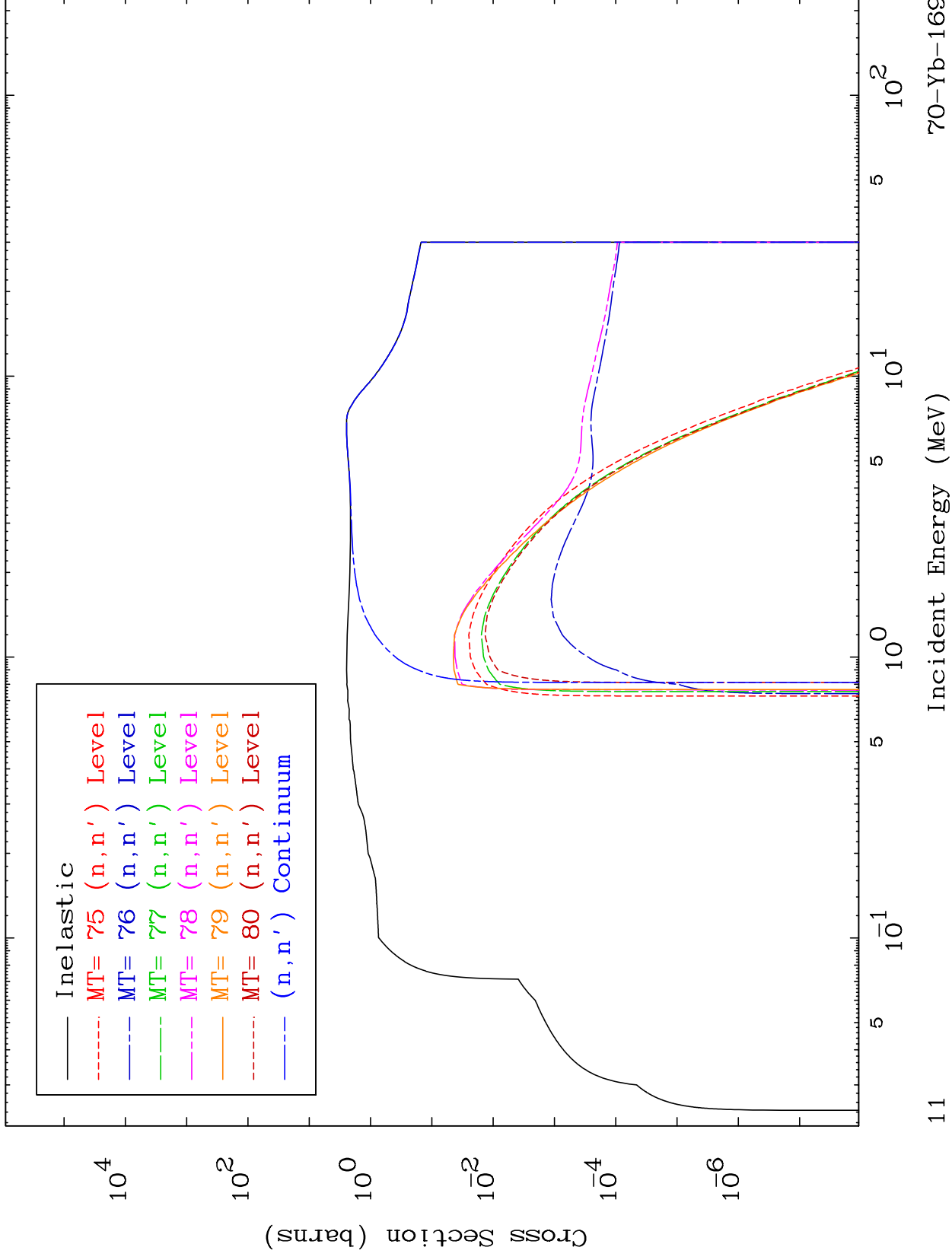
70-Yb-169

(n,n') Levels
293 Kelvin Cross Sections





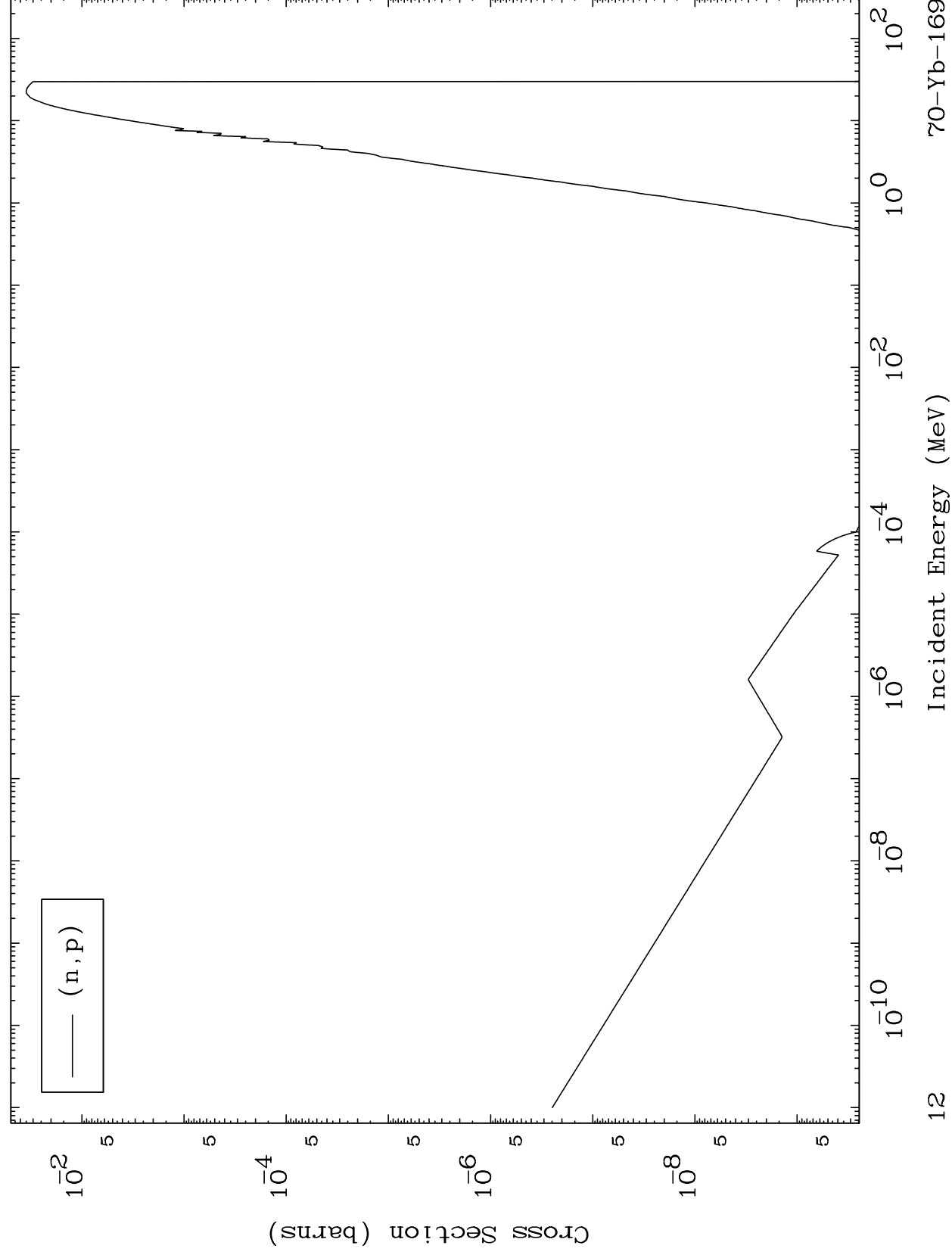




MAT 7028

(n,p) Levels
293 Kelvin Cross Sections

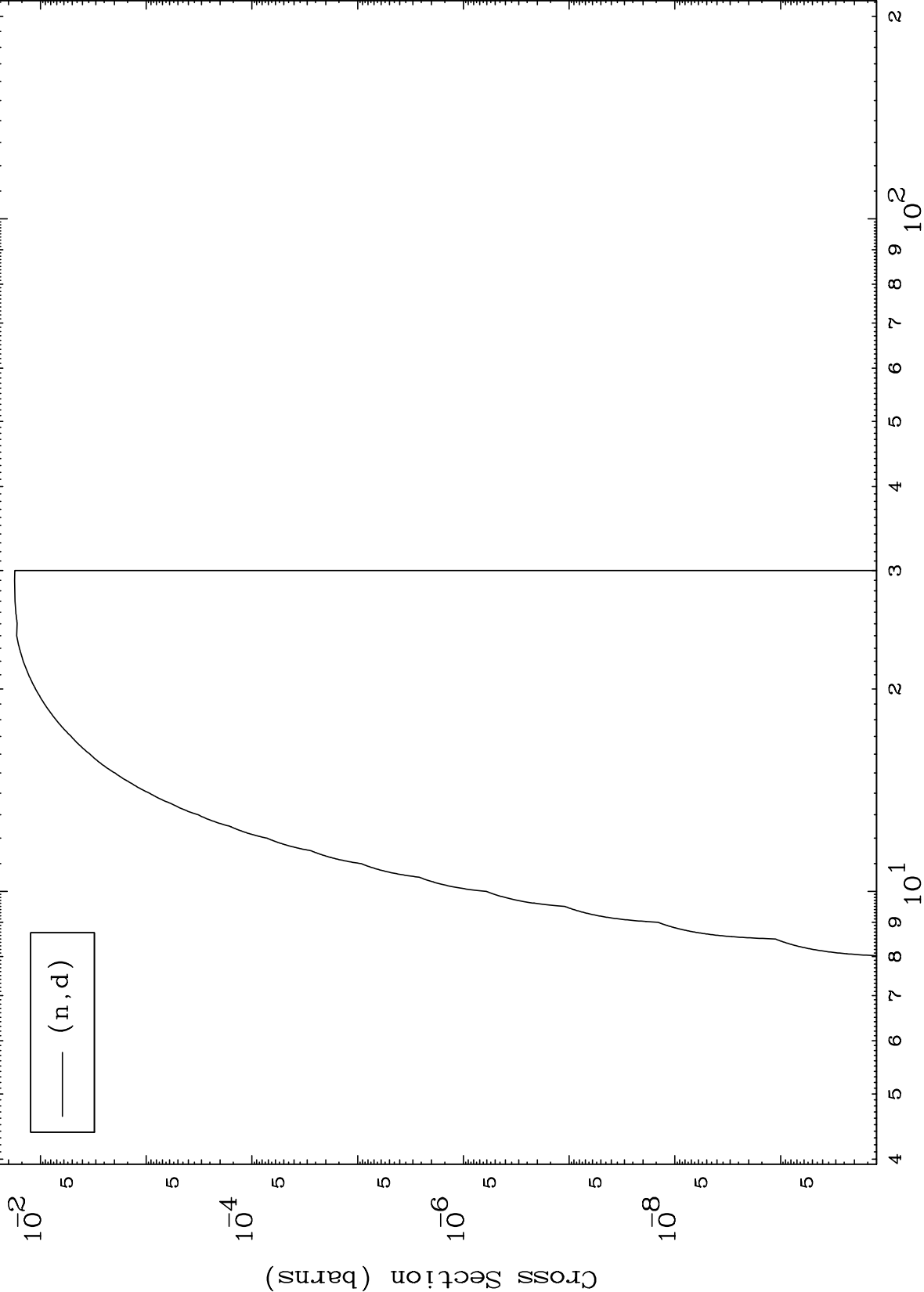
70-Yb-169



MAT 7028

(n,d) Levels
293 Kelvin Cross Sections

70-Yb-169



Incident Energy (MeV)

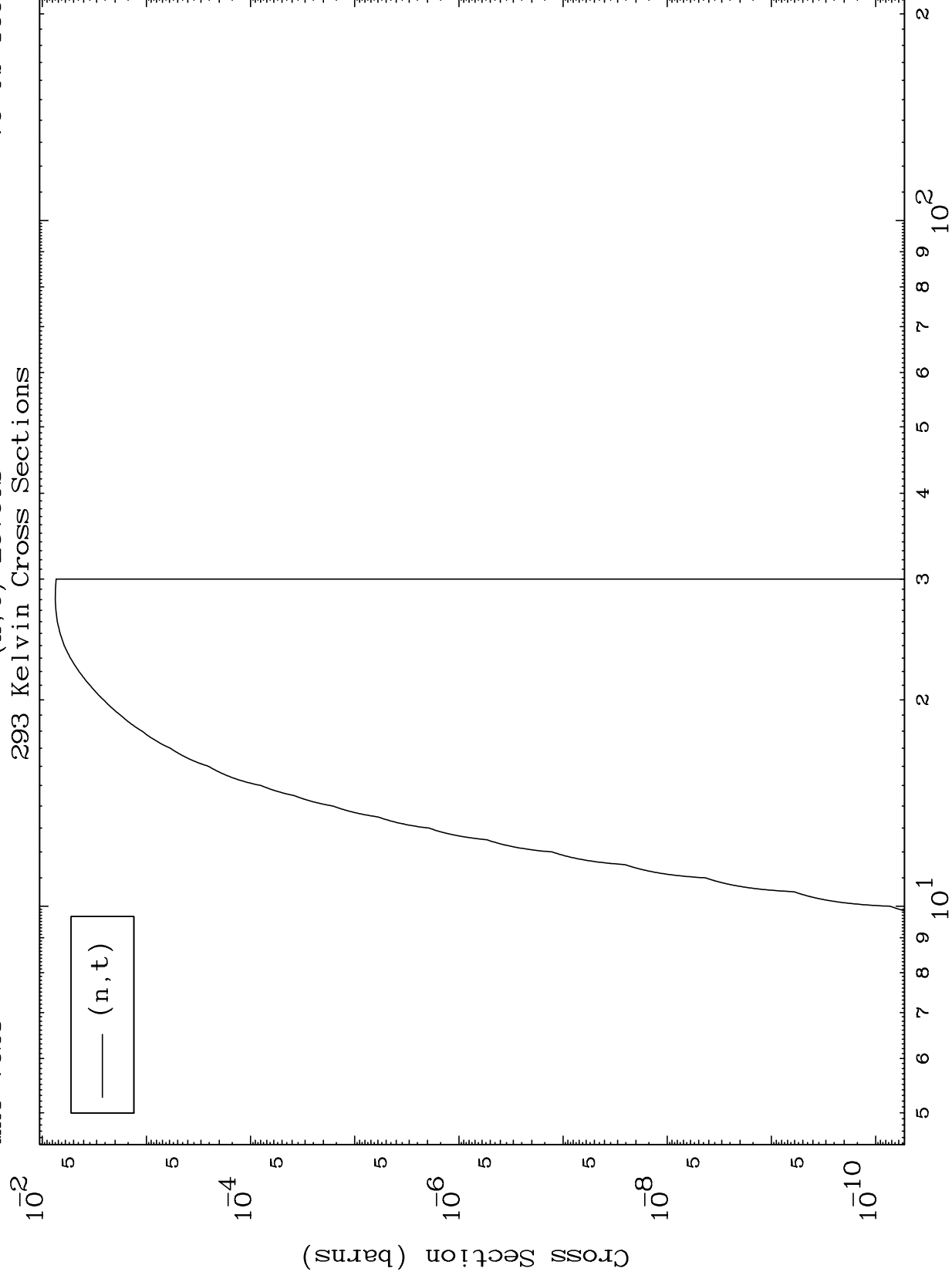
70-Yb-169

13

MAT 7028

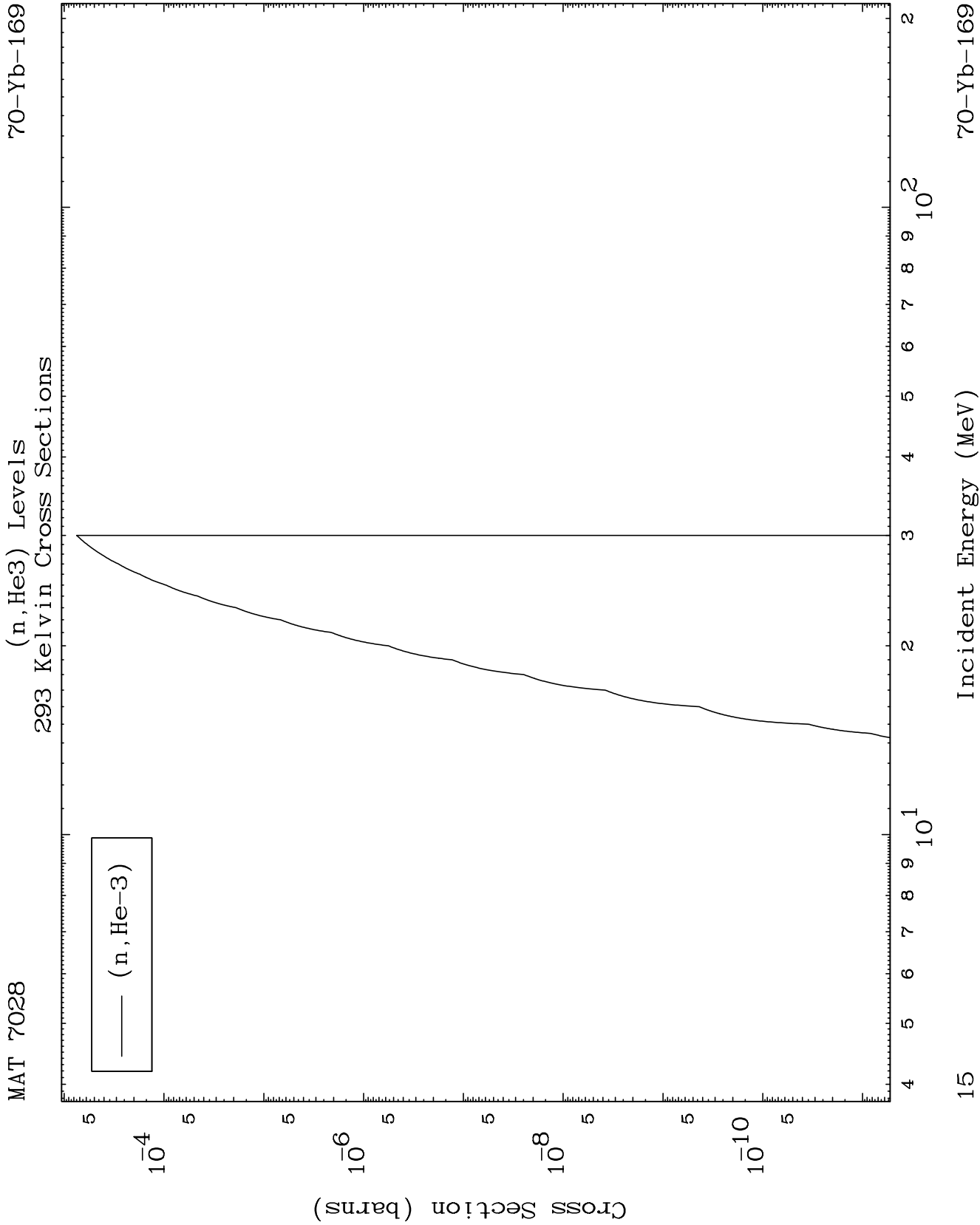
70-Yb-169

(n, t) Levels
293 Kelvin Cross Sections



70-Yb-169

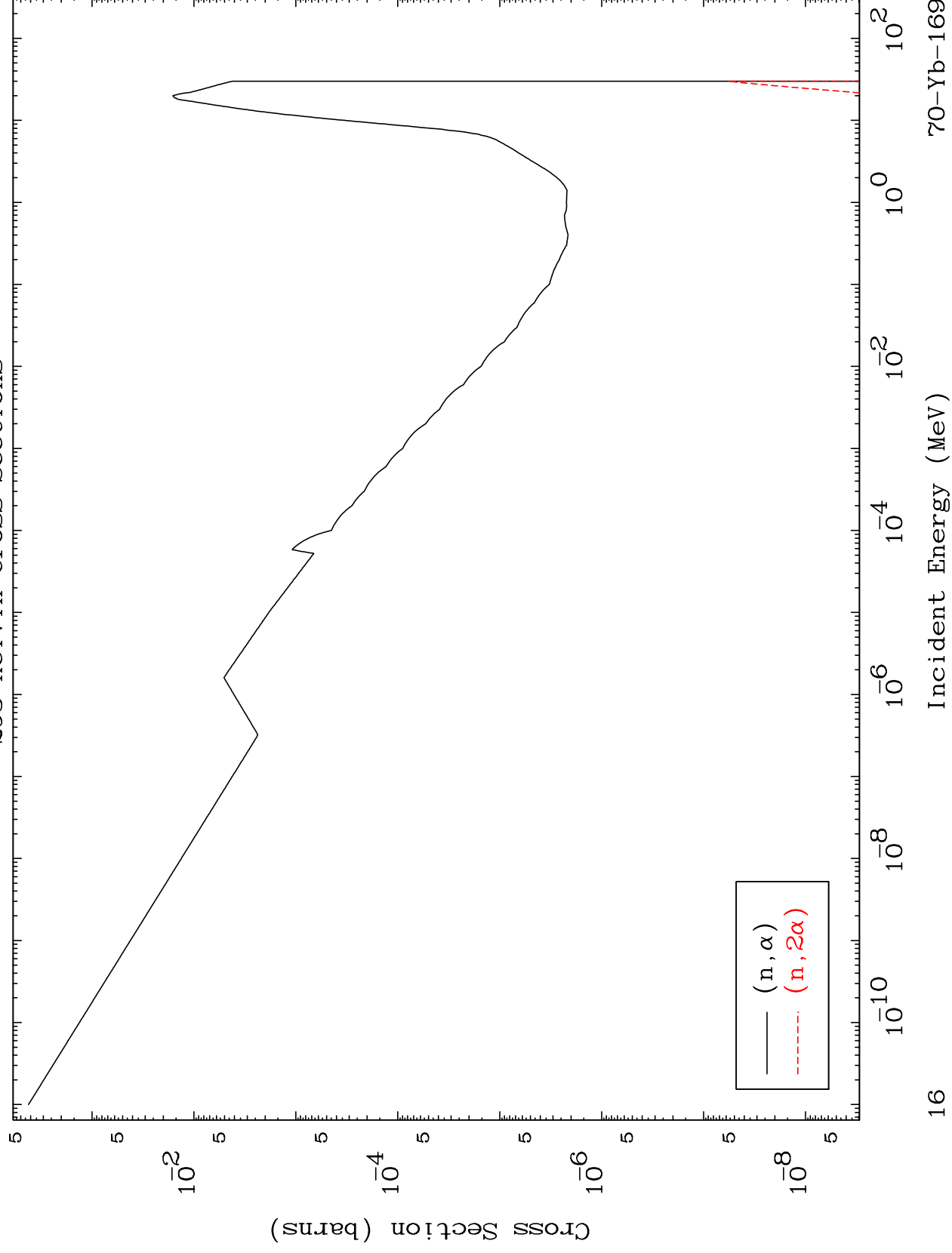
Incident Energy (MeV)



MAT 7028

(n, α) Levels
293 Kelvin Cross Sections

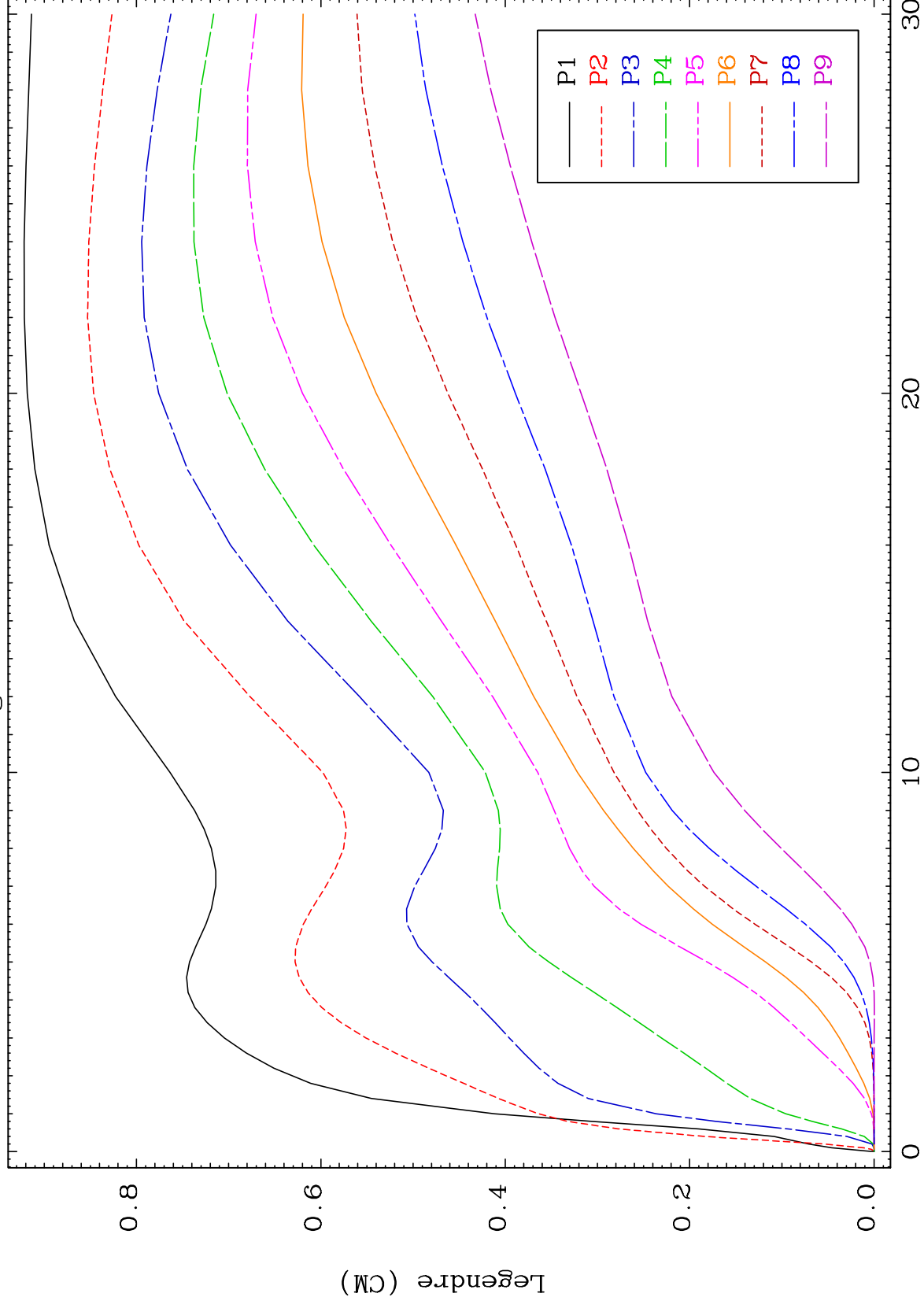
70-Yb-169



MAT 7028

70-Yb-169

Elastic Legendre Coefficients



17

Incident Energy (MeV)

70-Yb-169

30

20

10

0

P1

P2

33

和

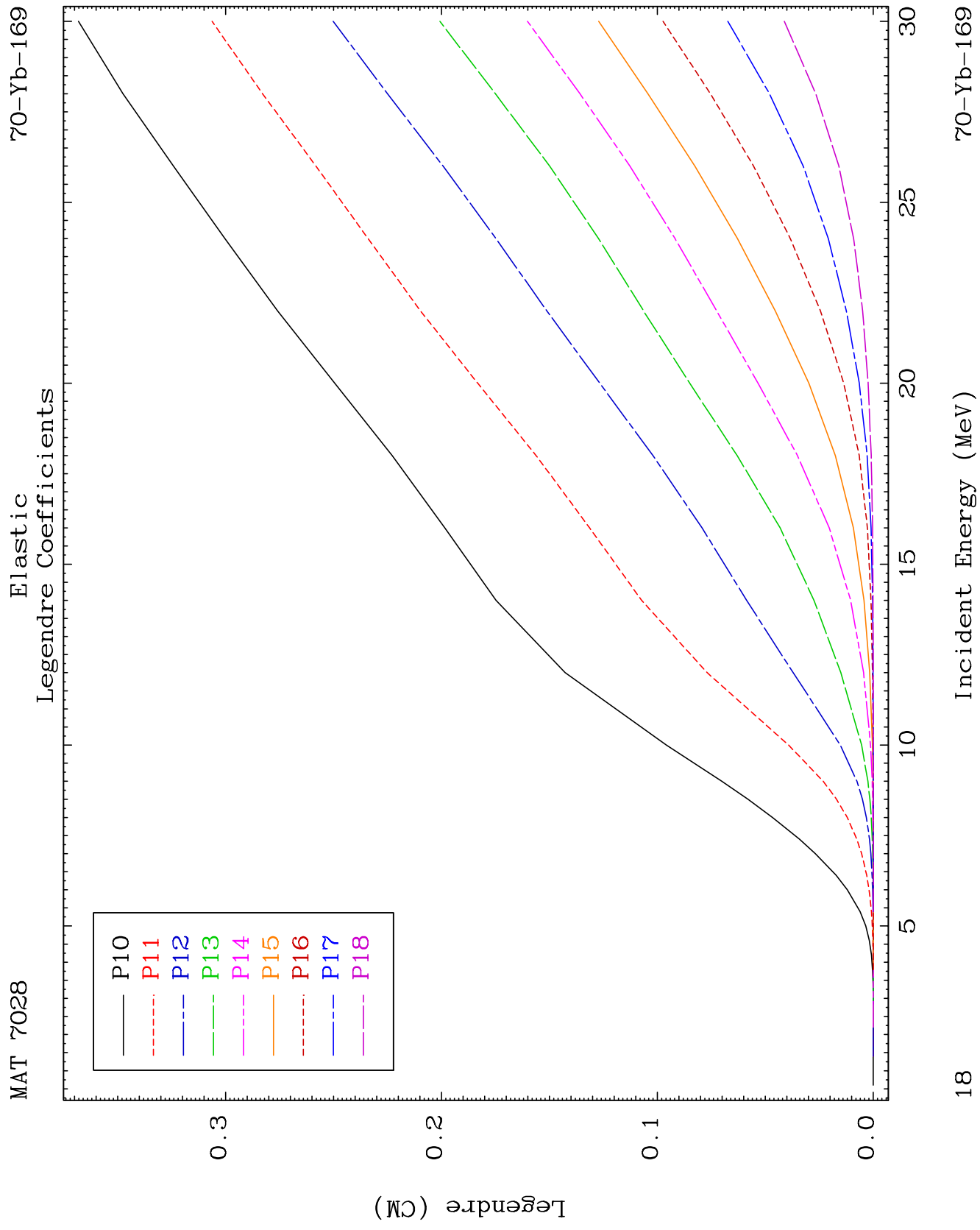
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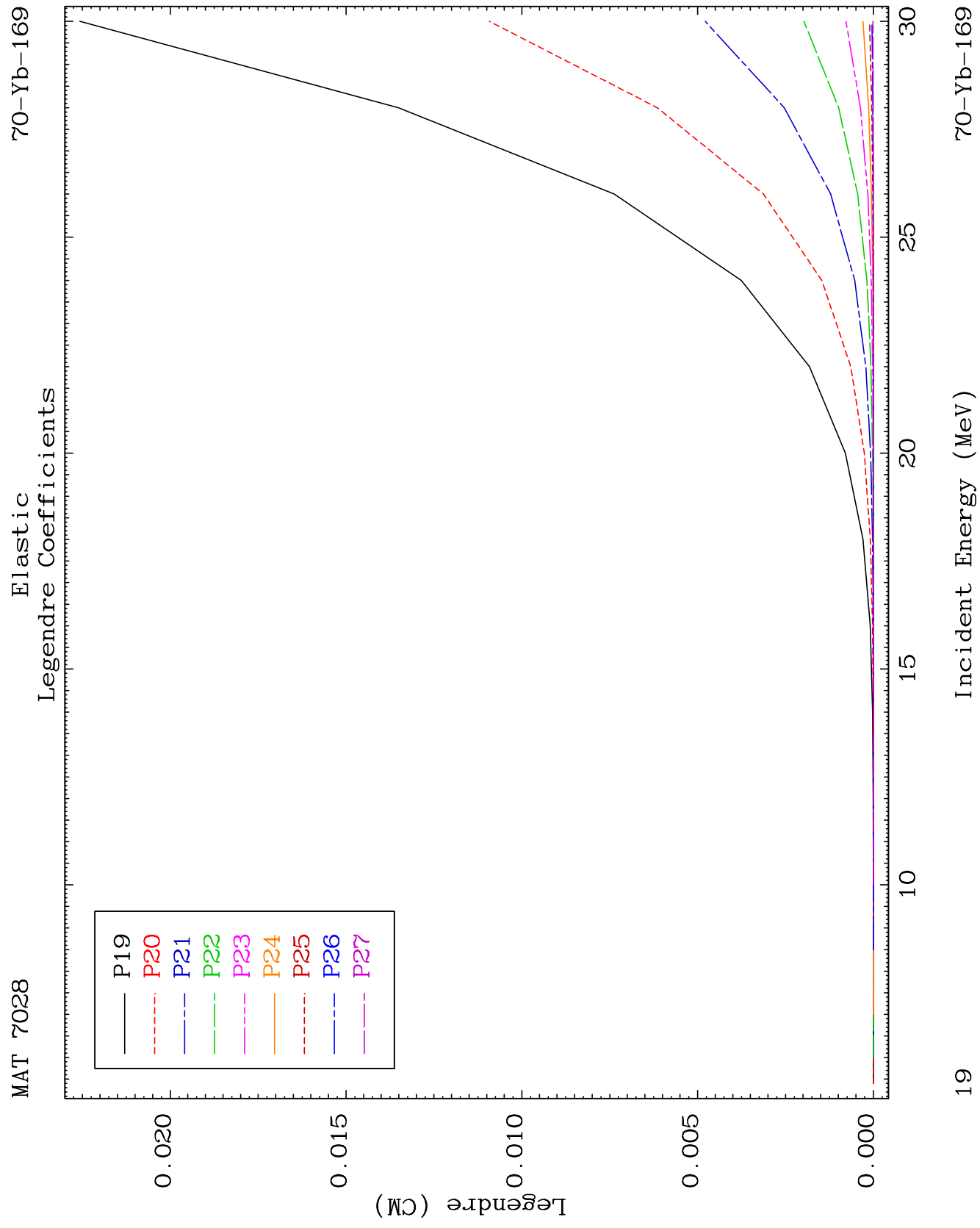
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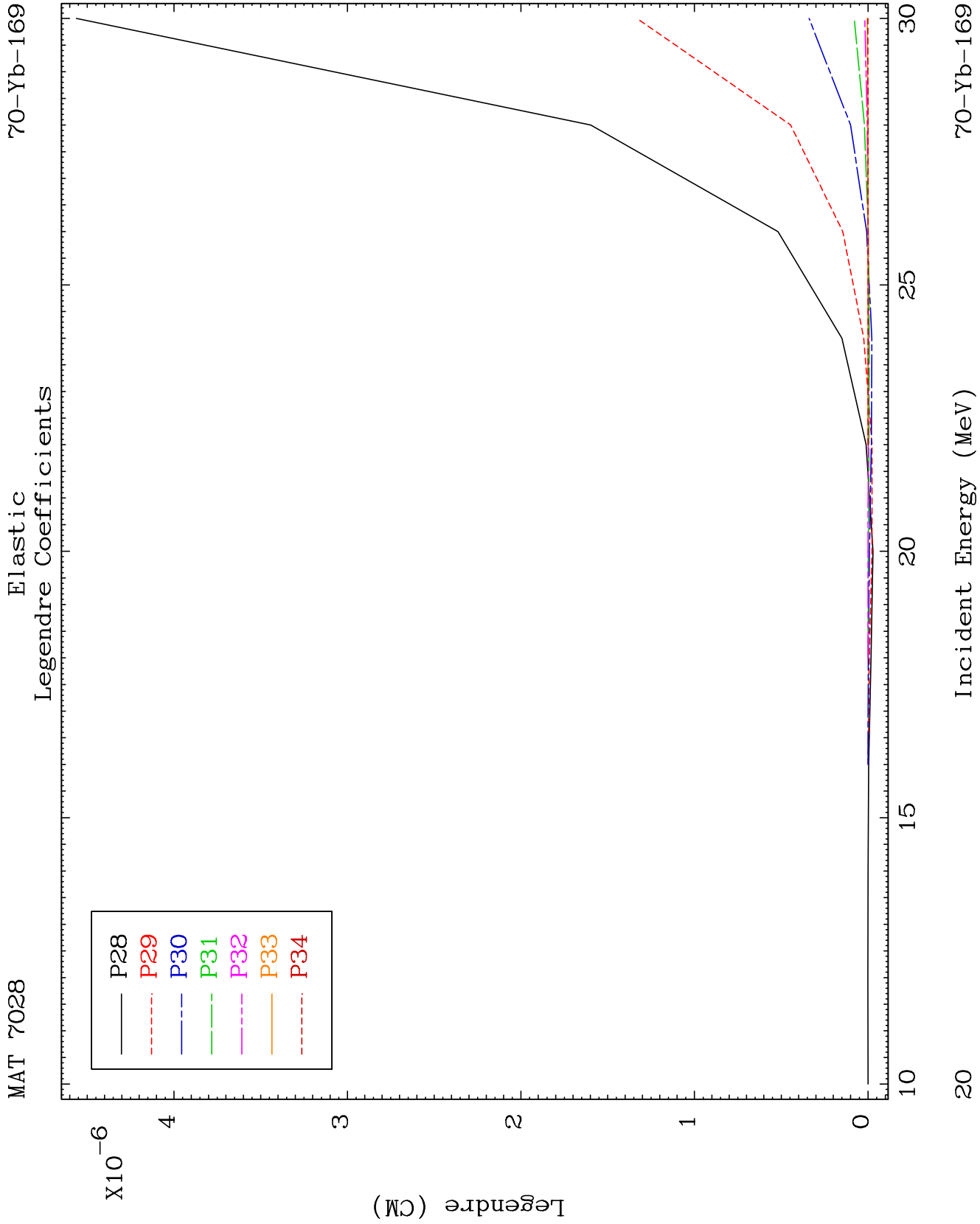
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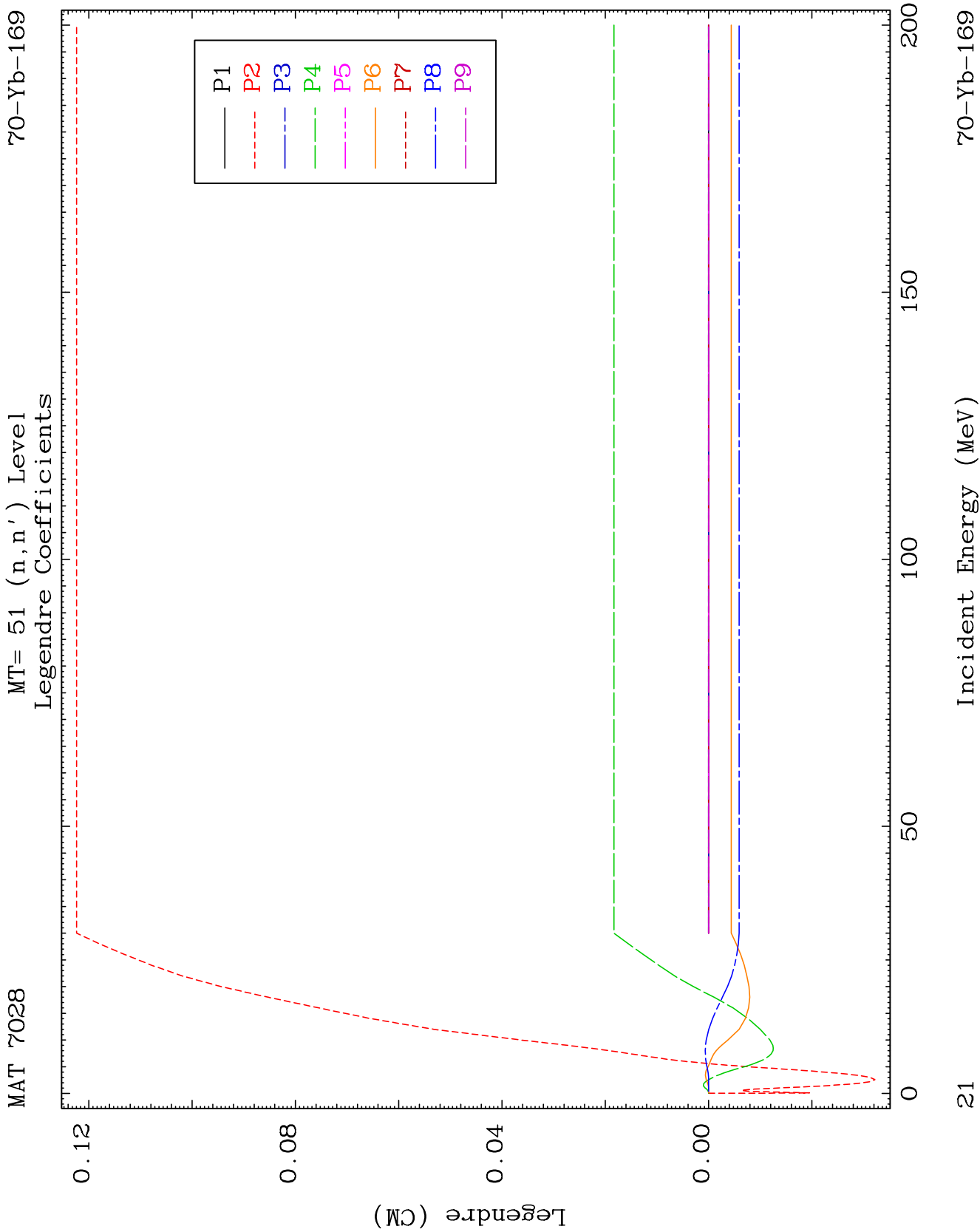
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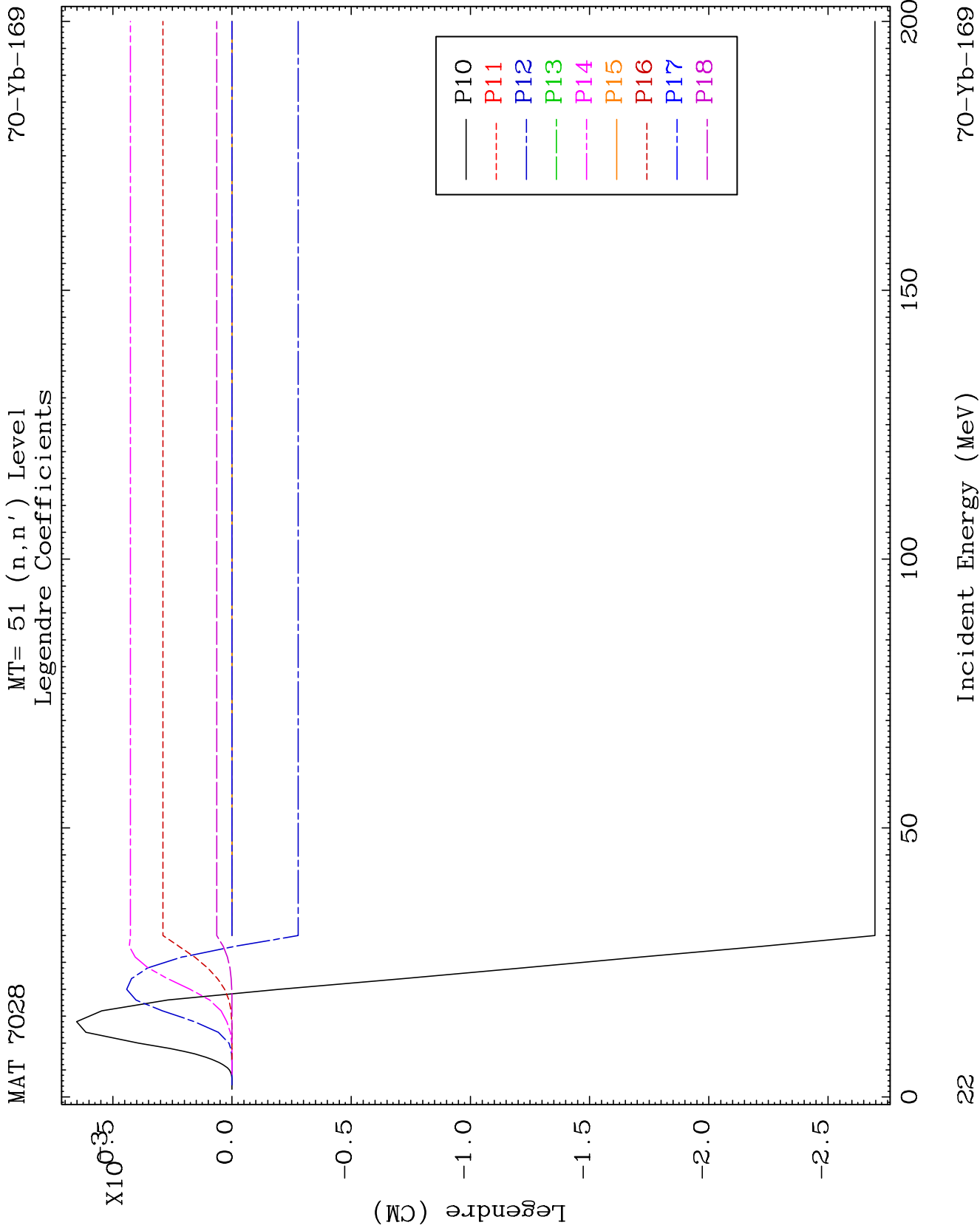
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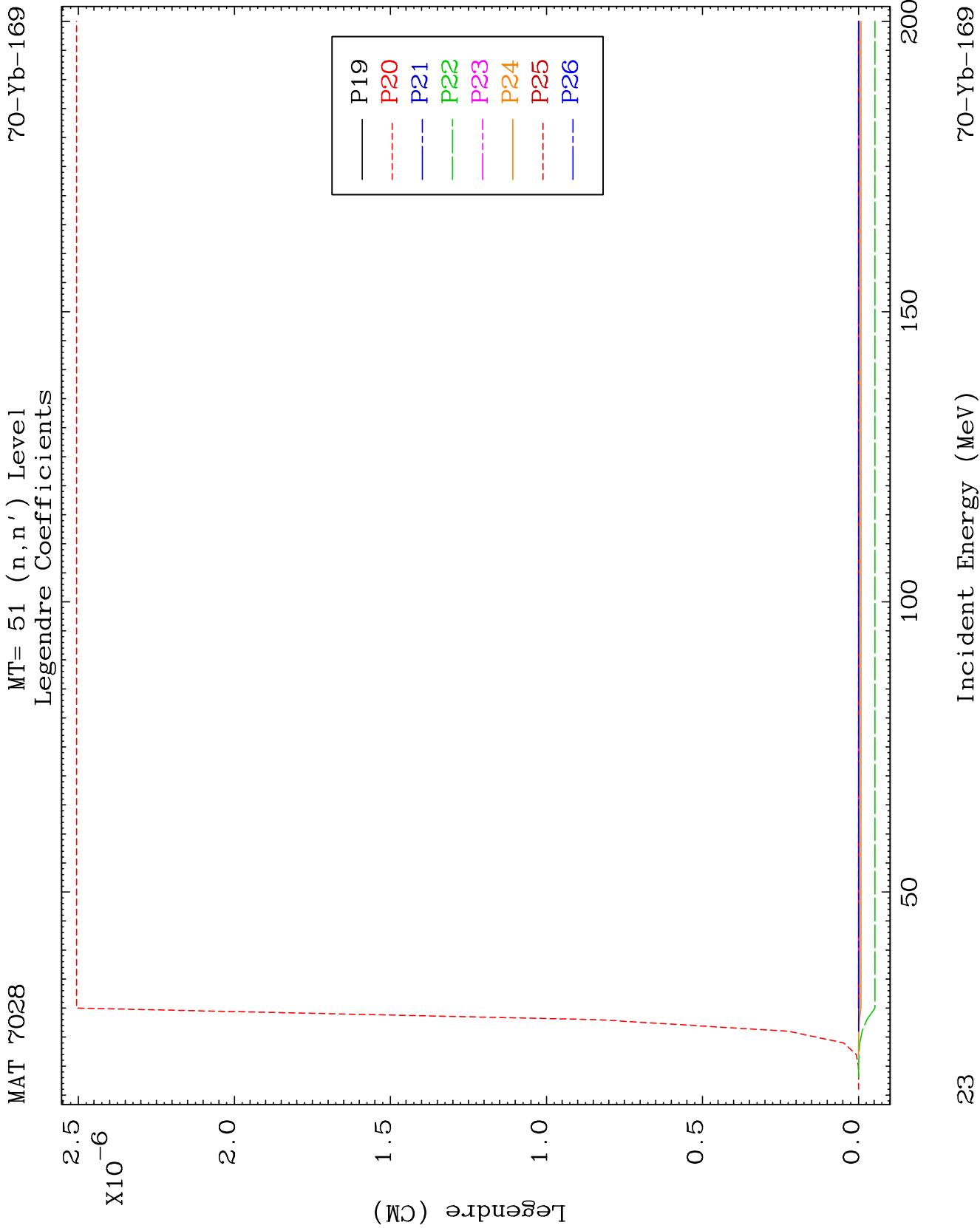


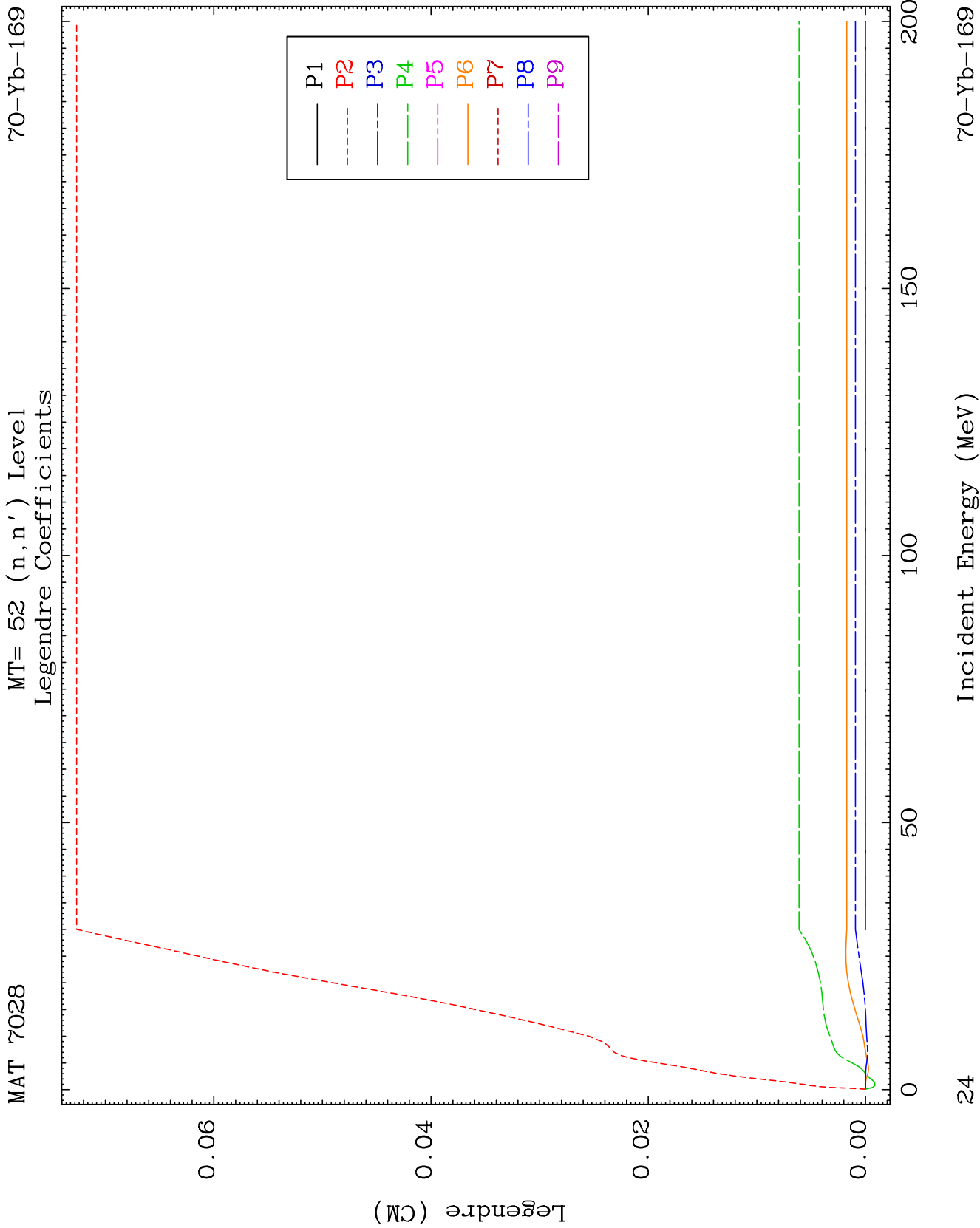


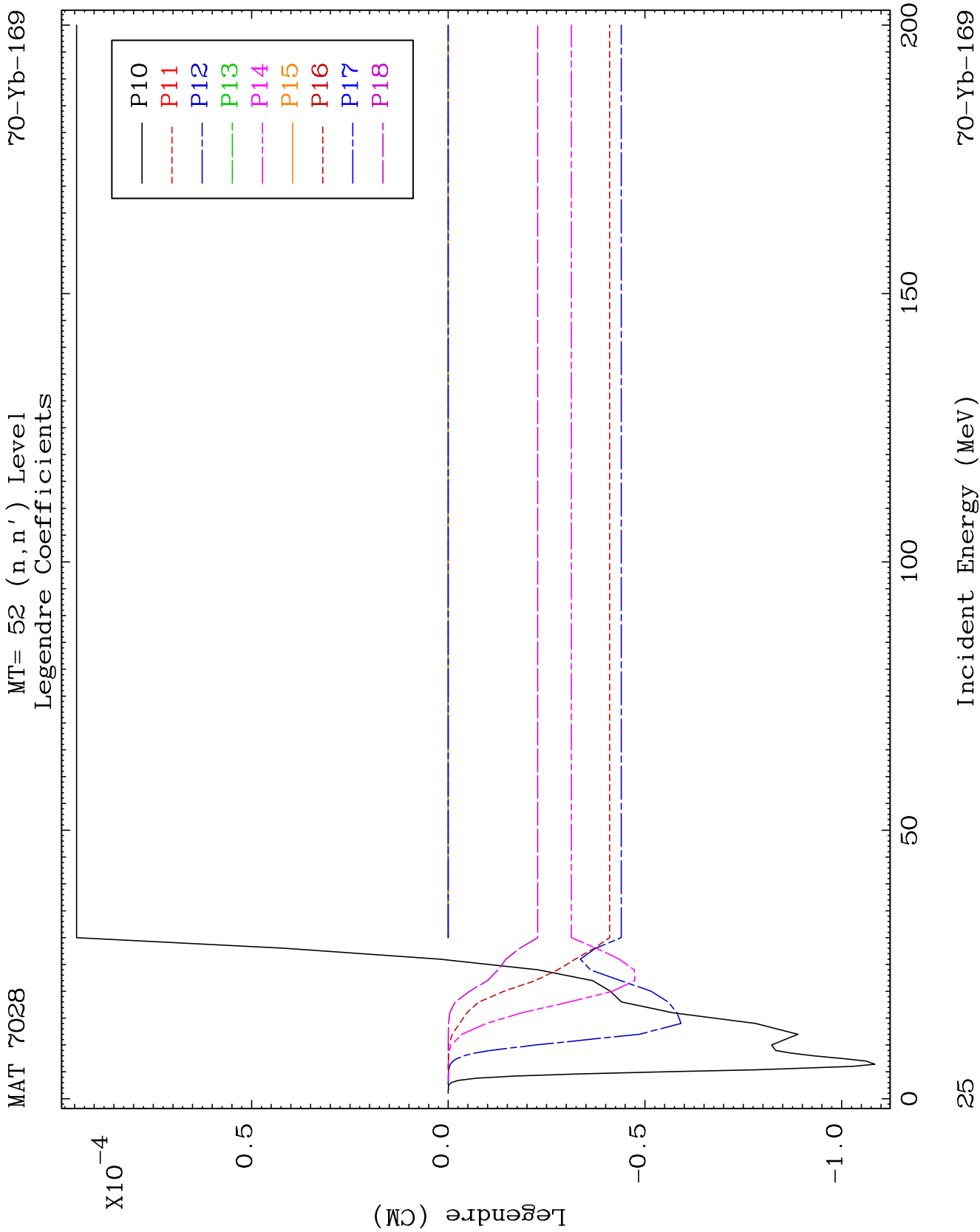


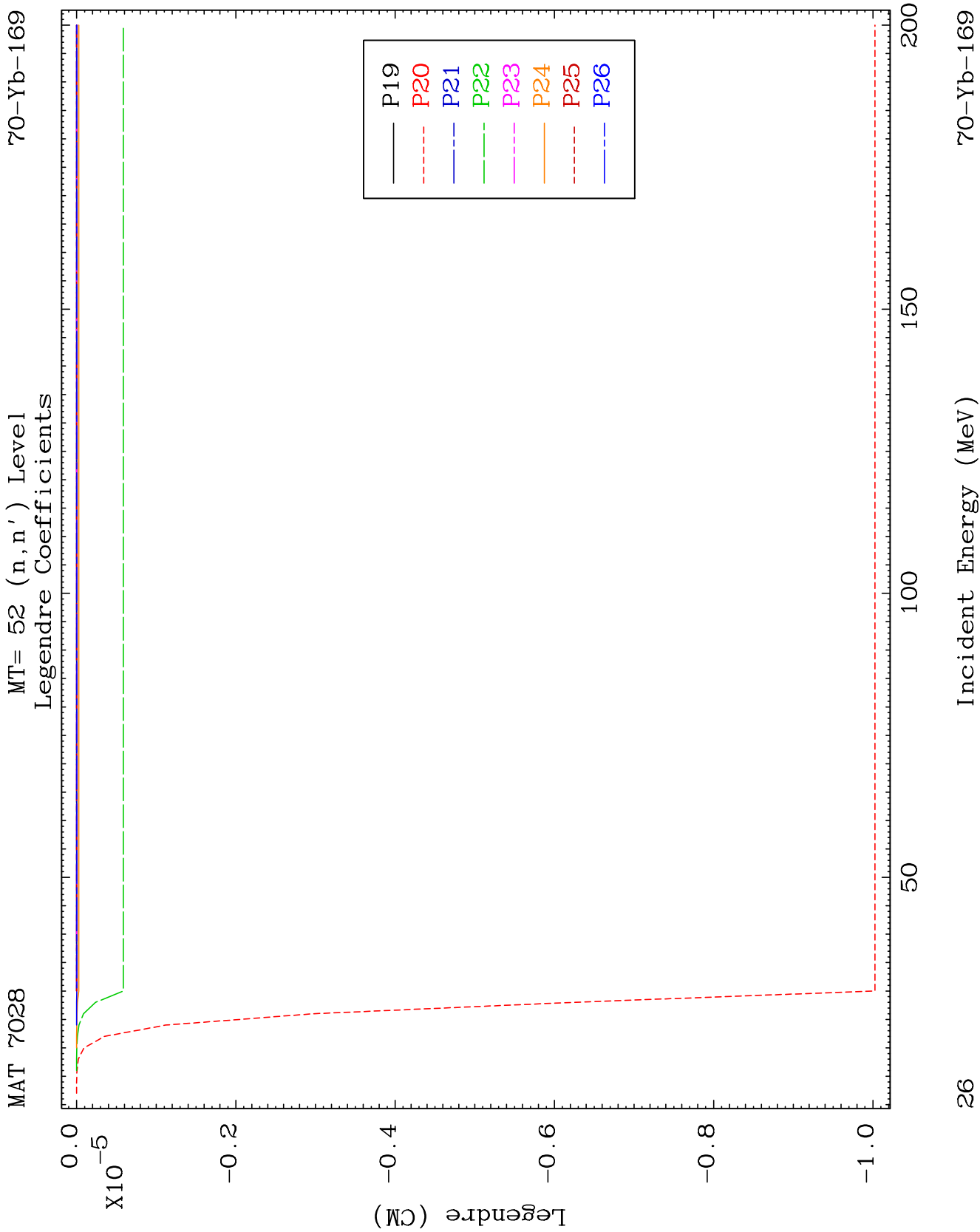


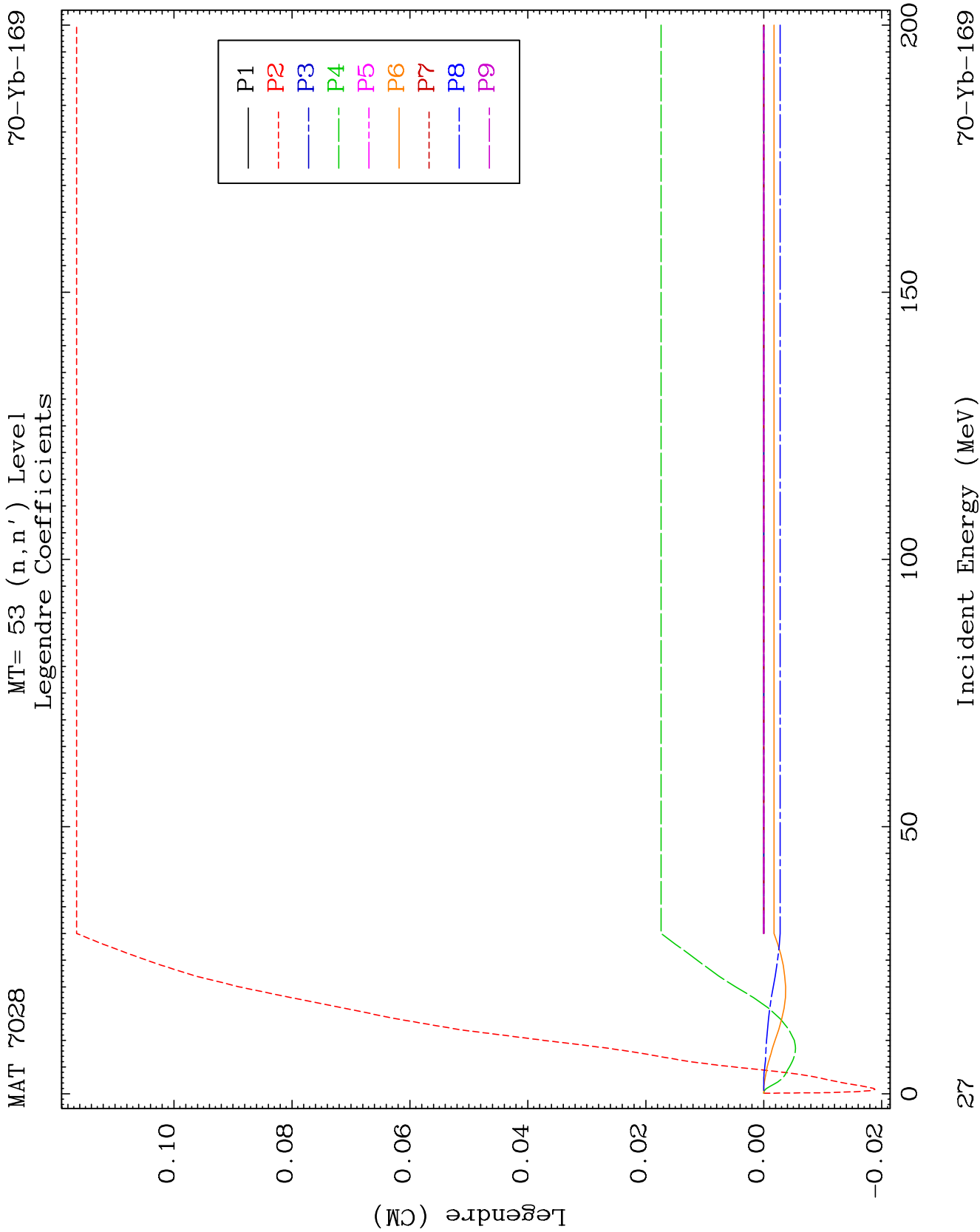


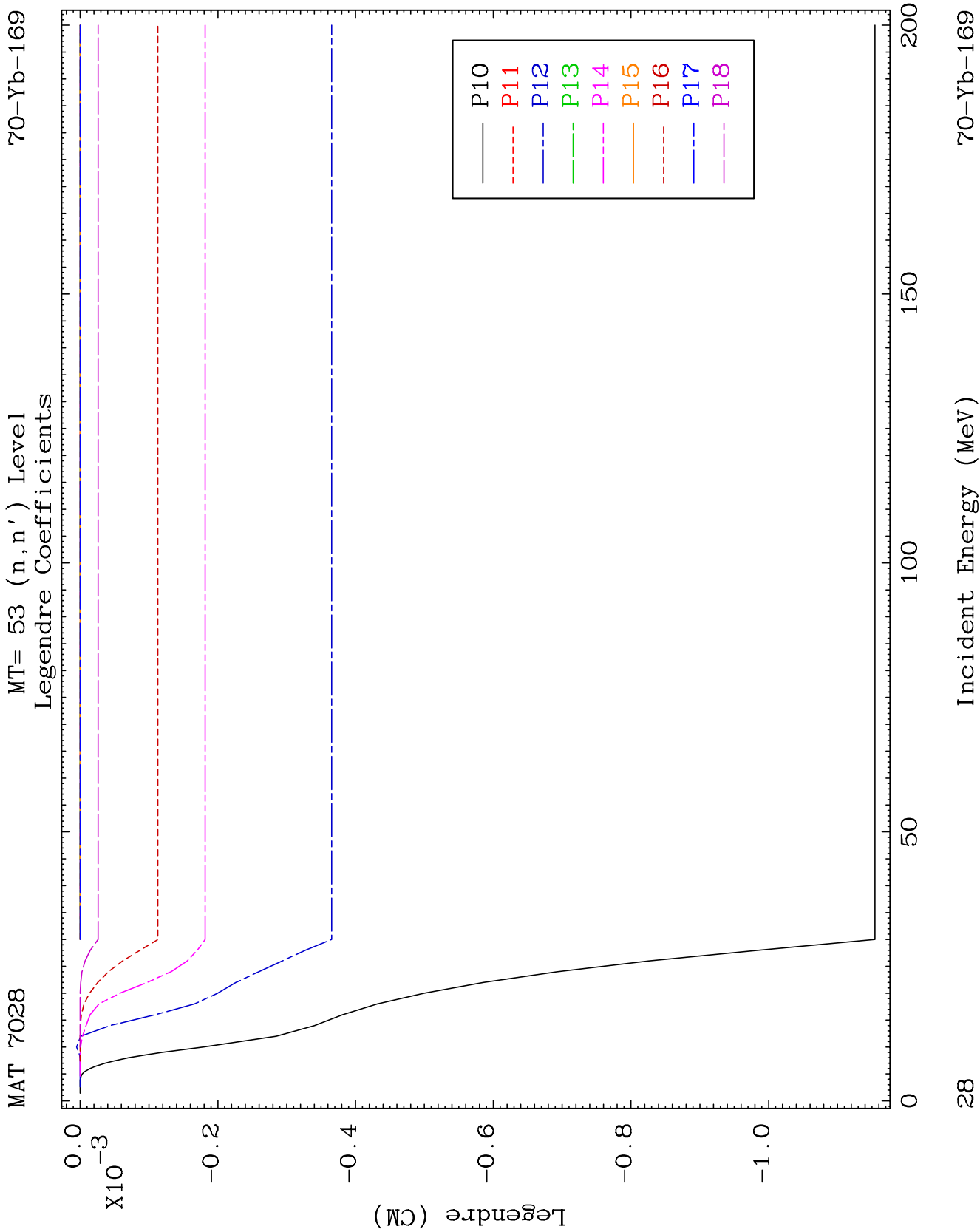


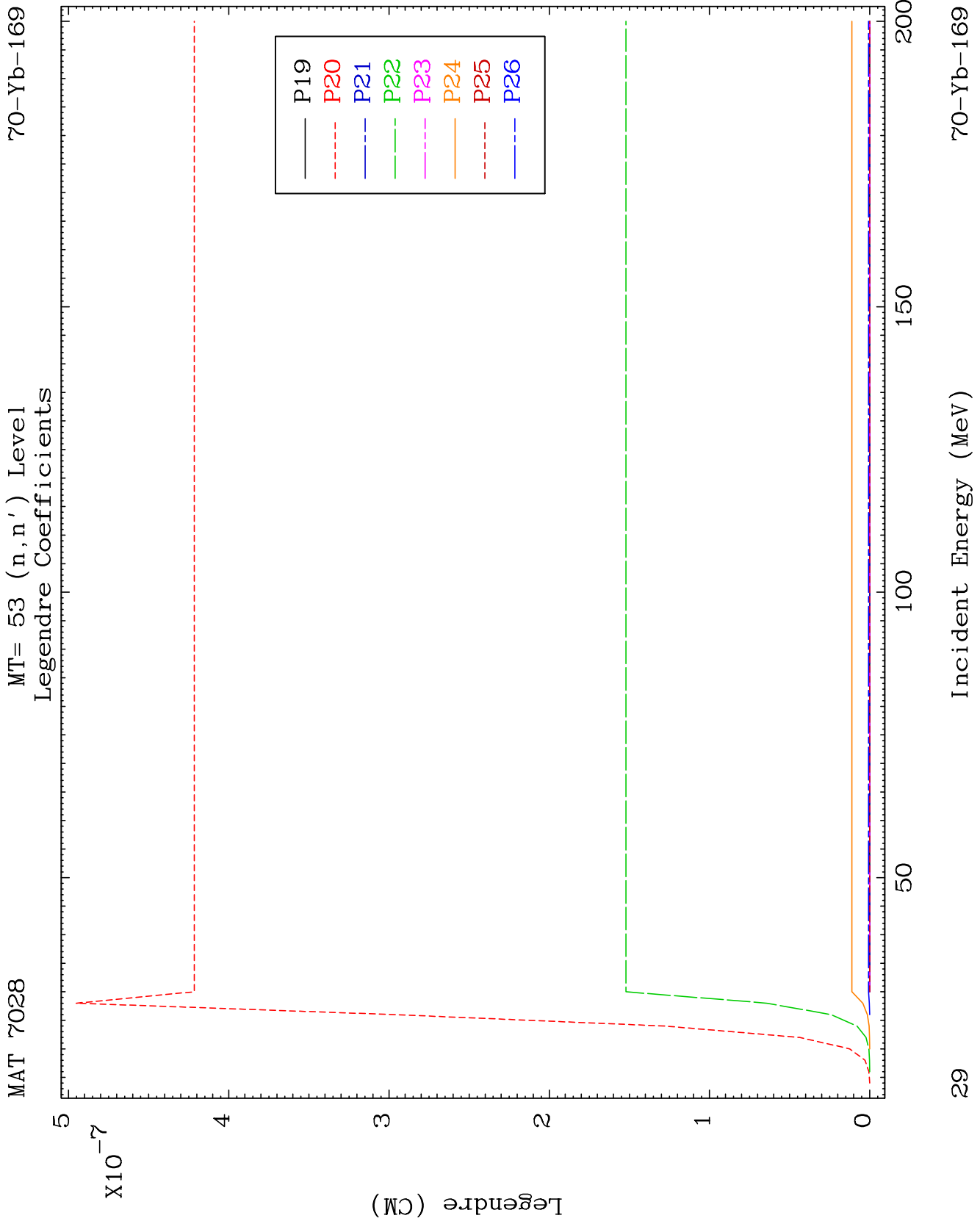


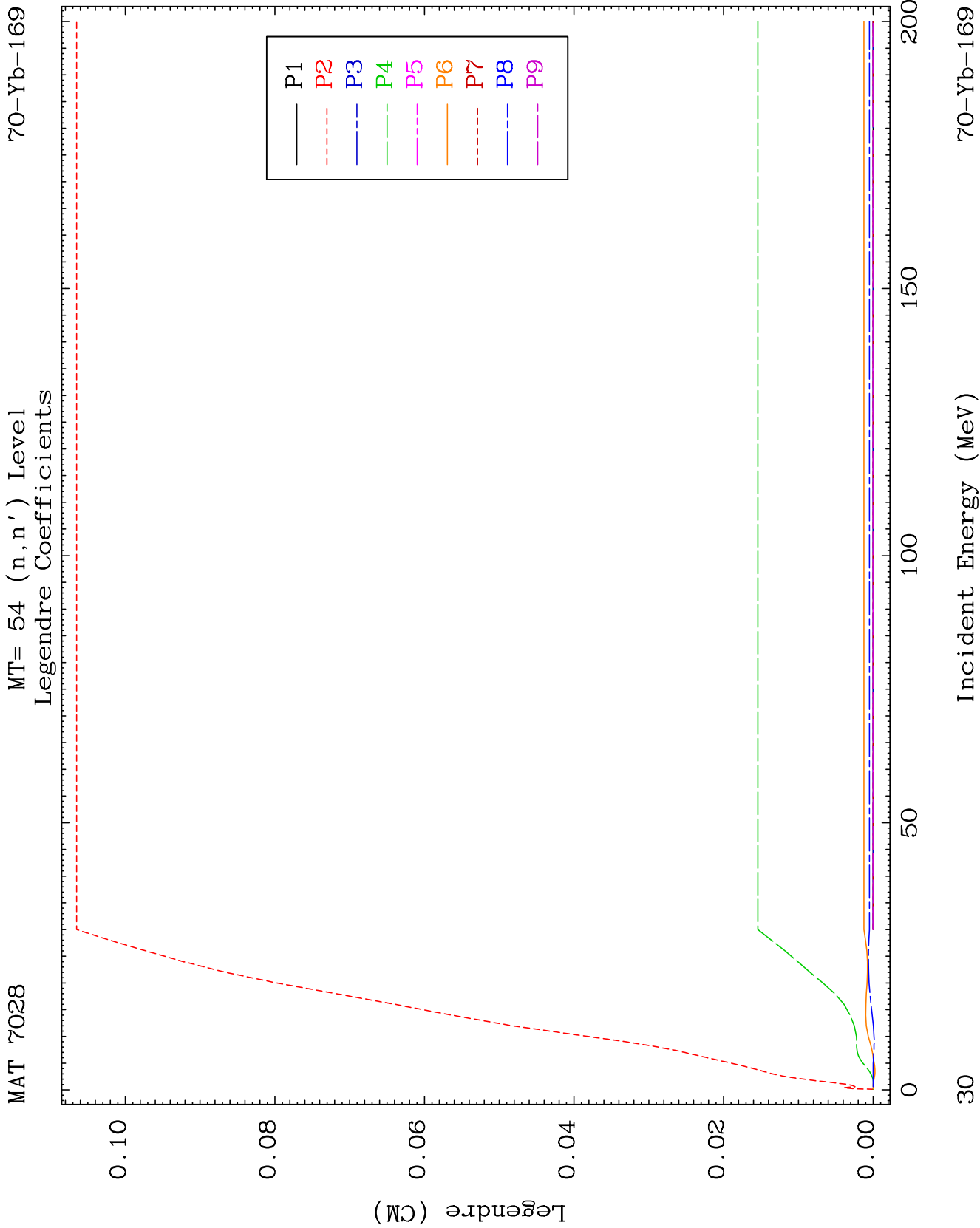


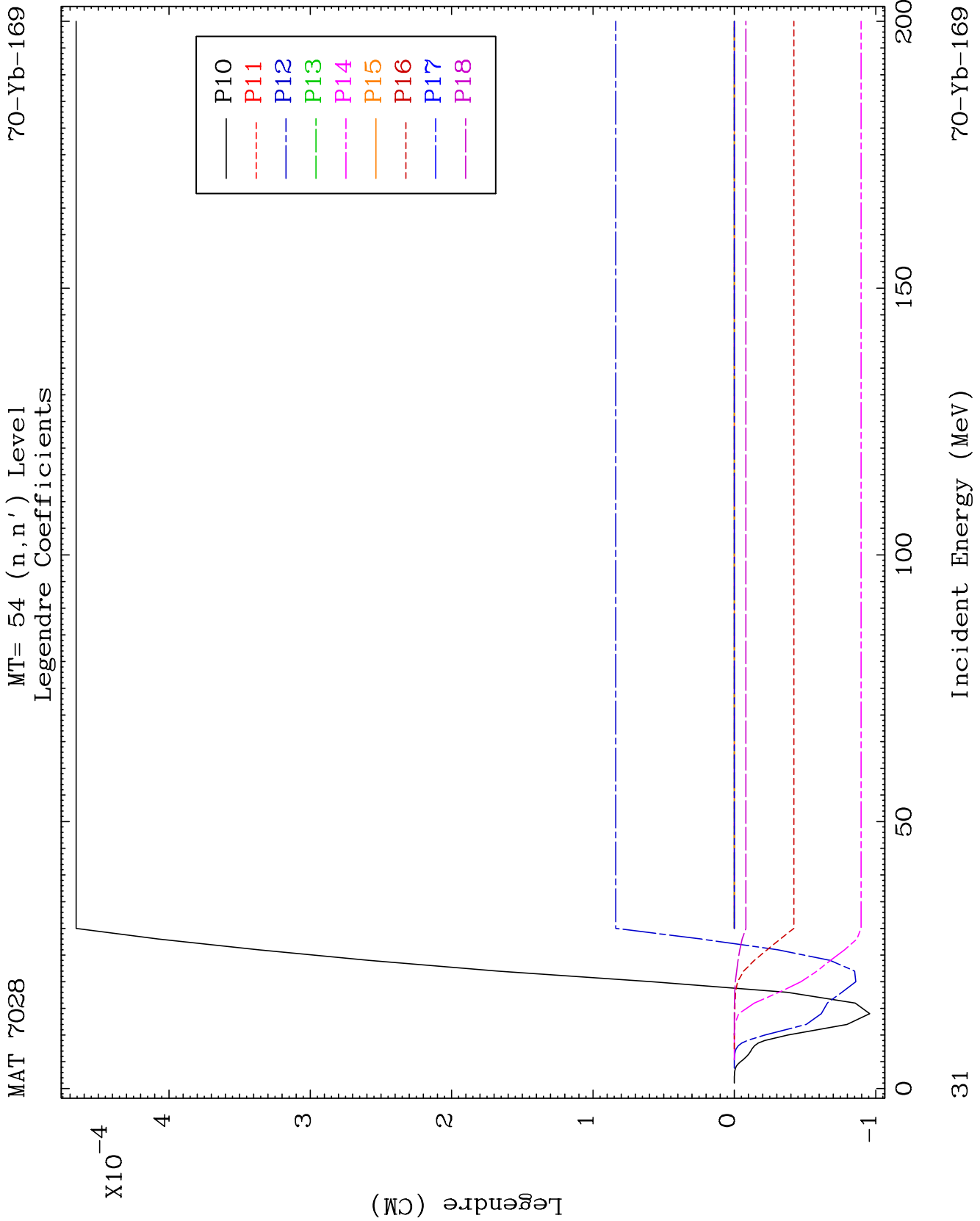


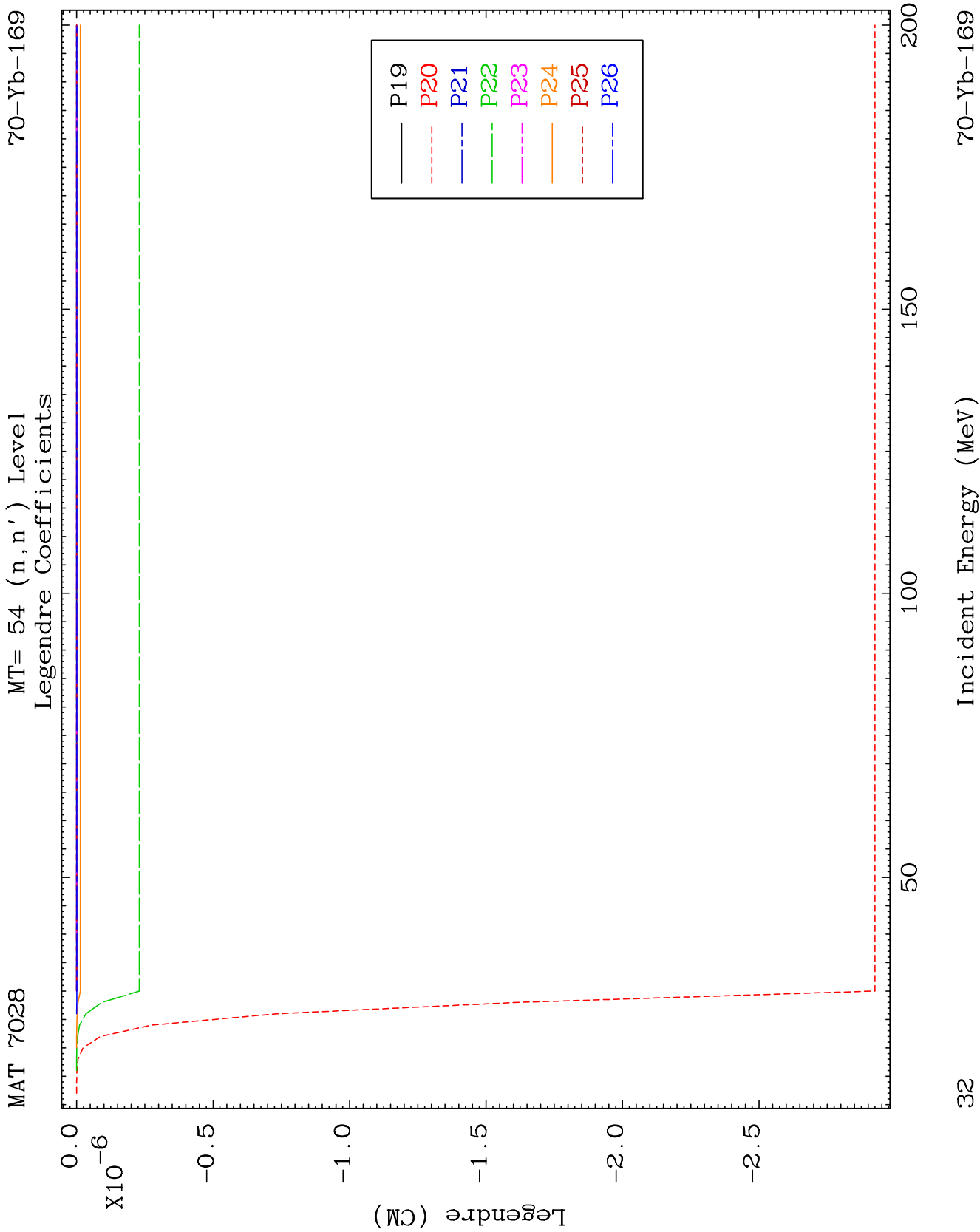


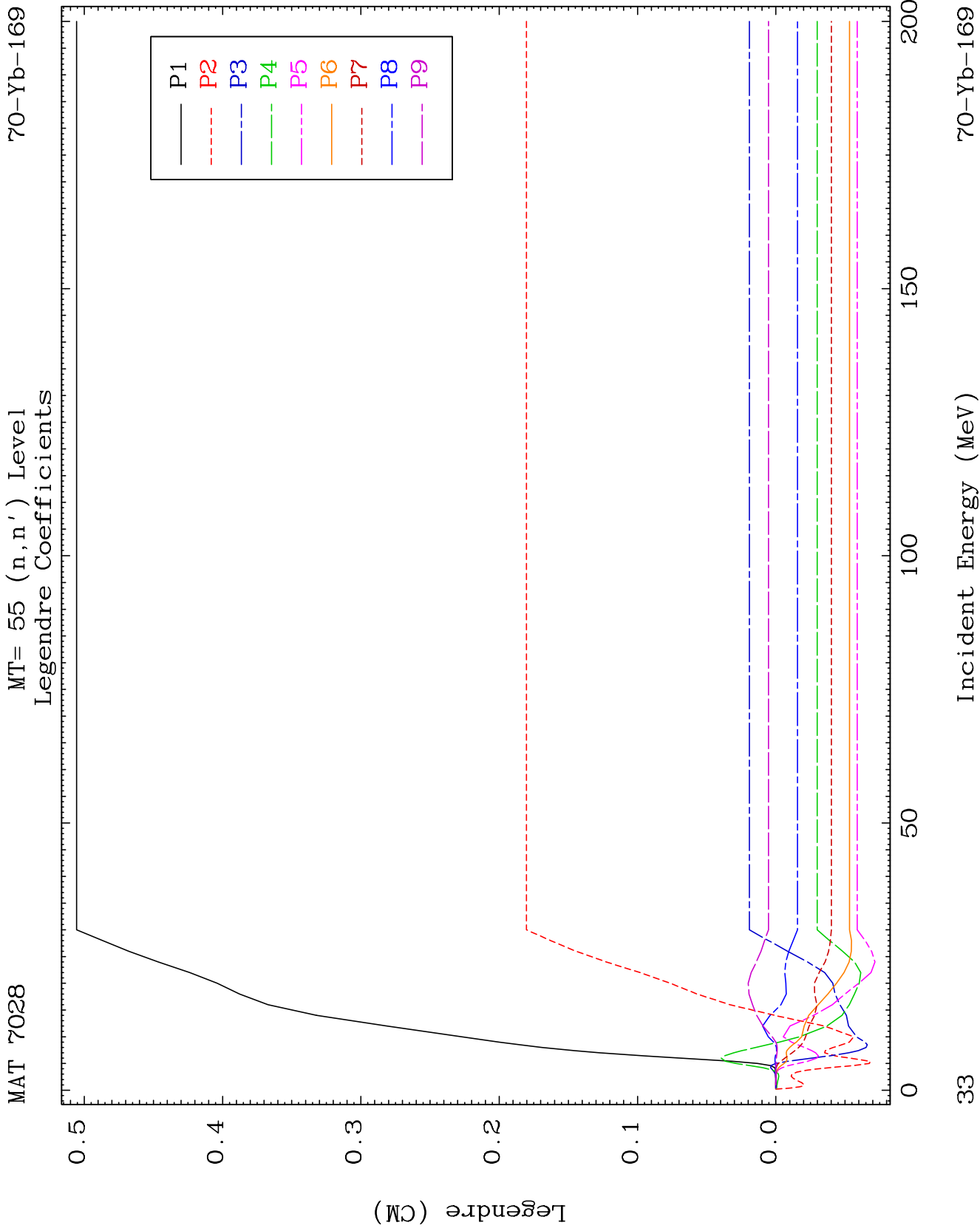


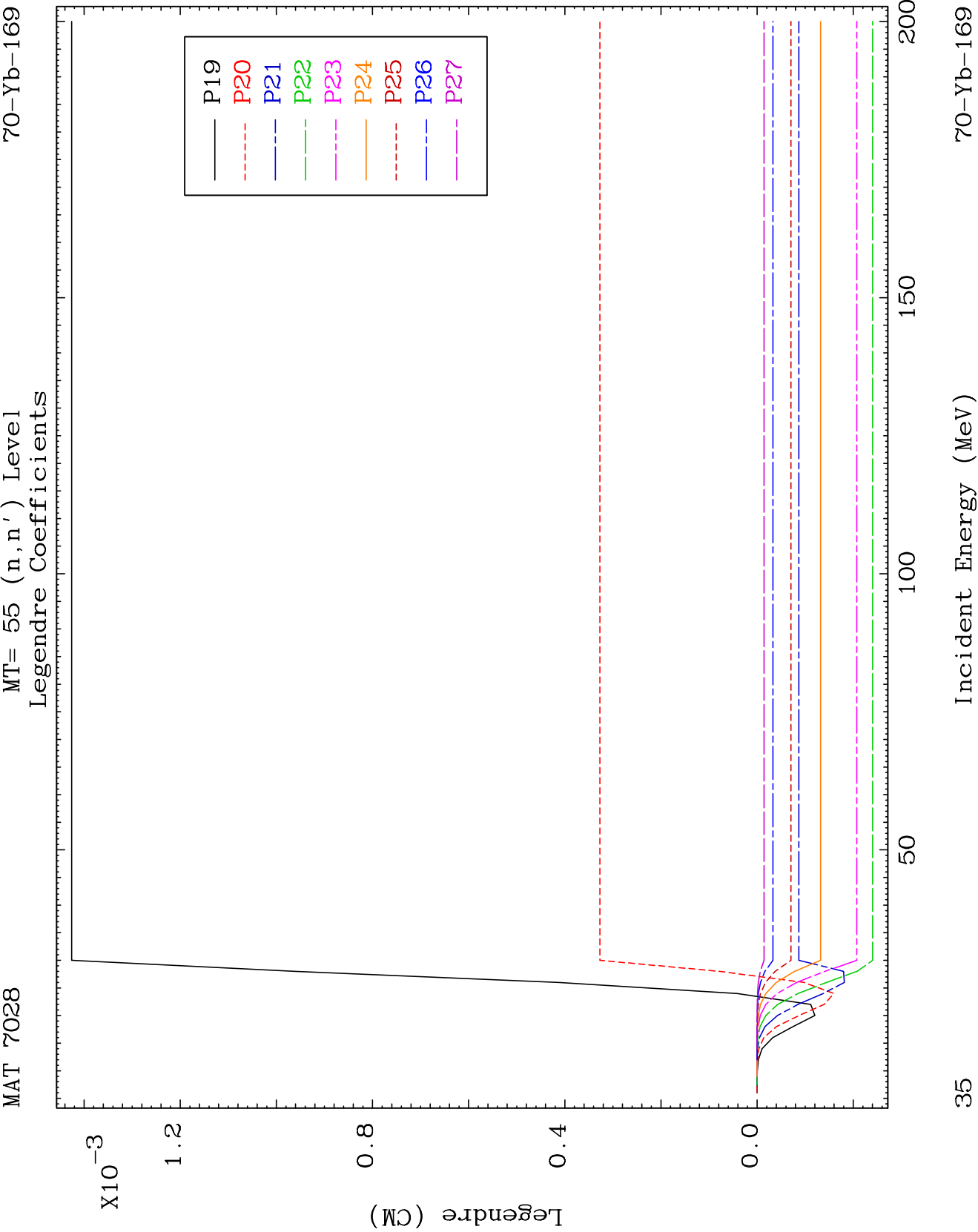








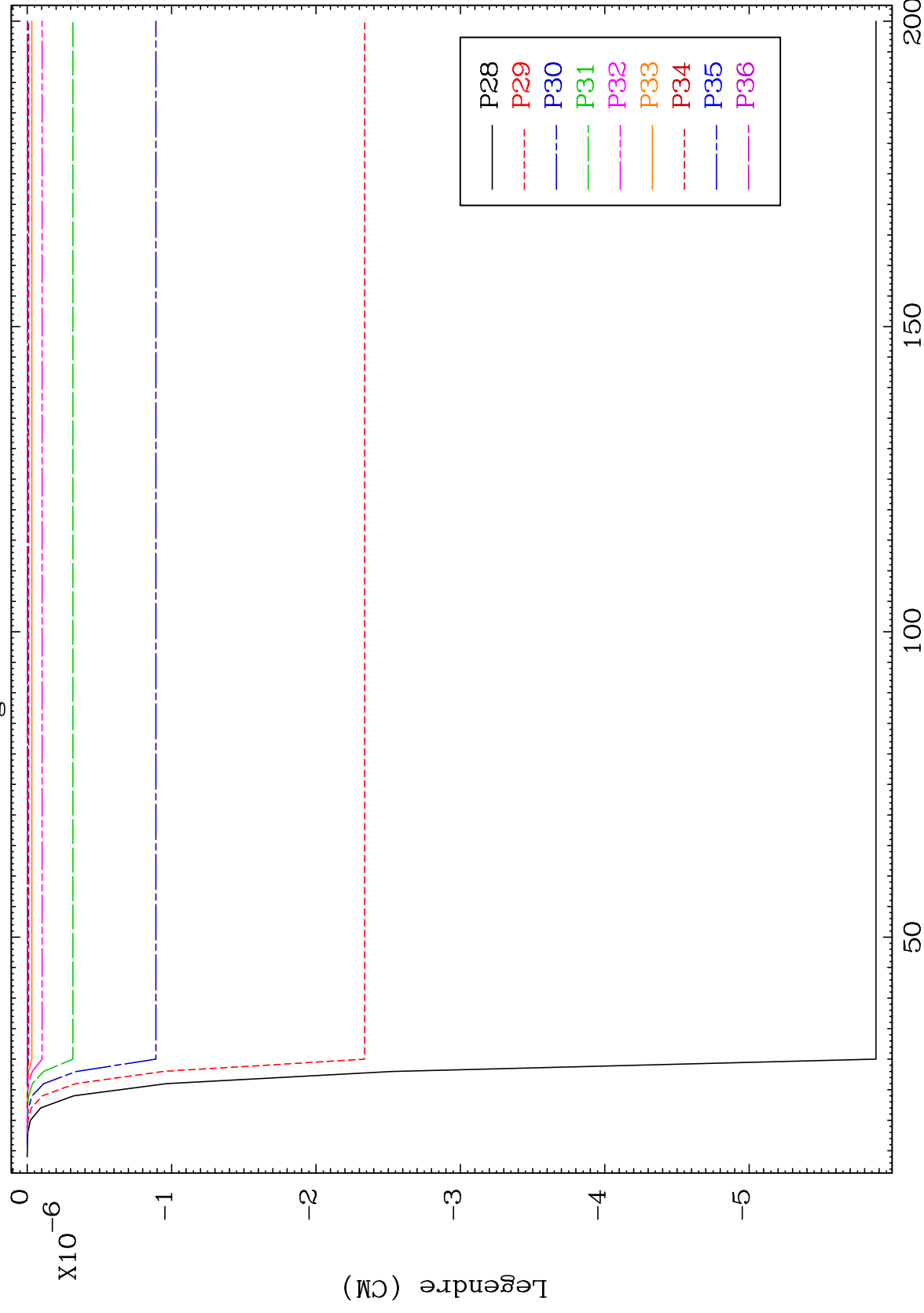




MAT 7028

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

70-Yb-169



36

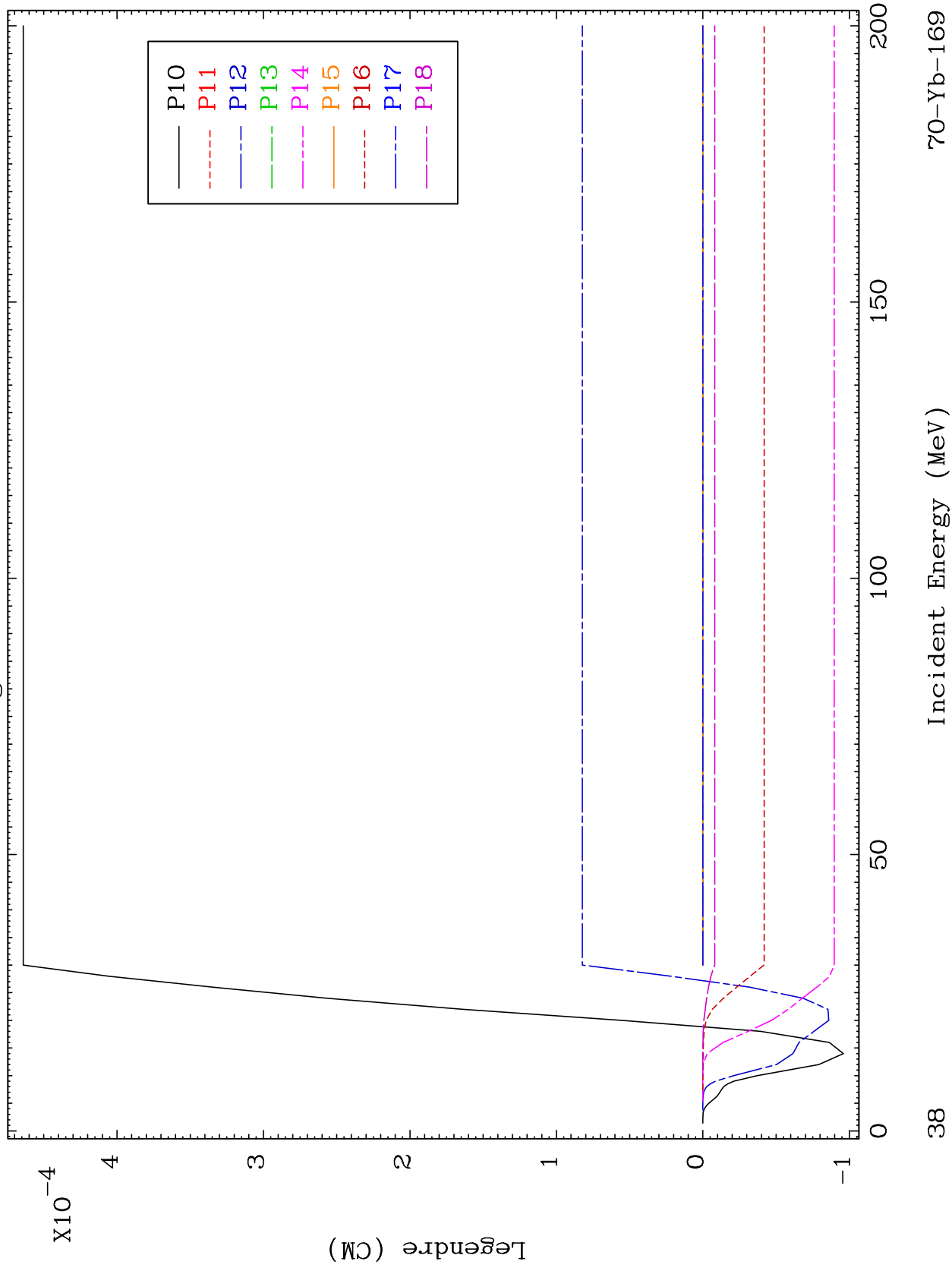
Incident Energy (MeV)

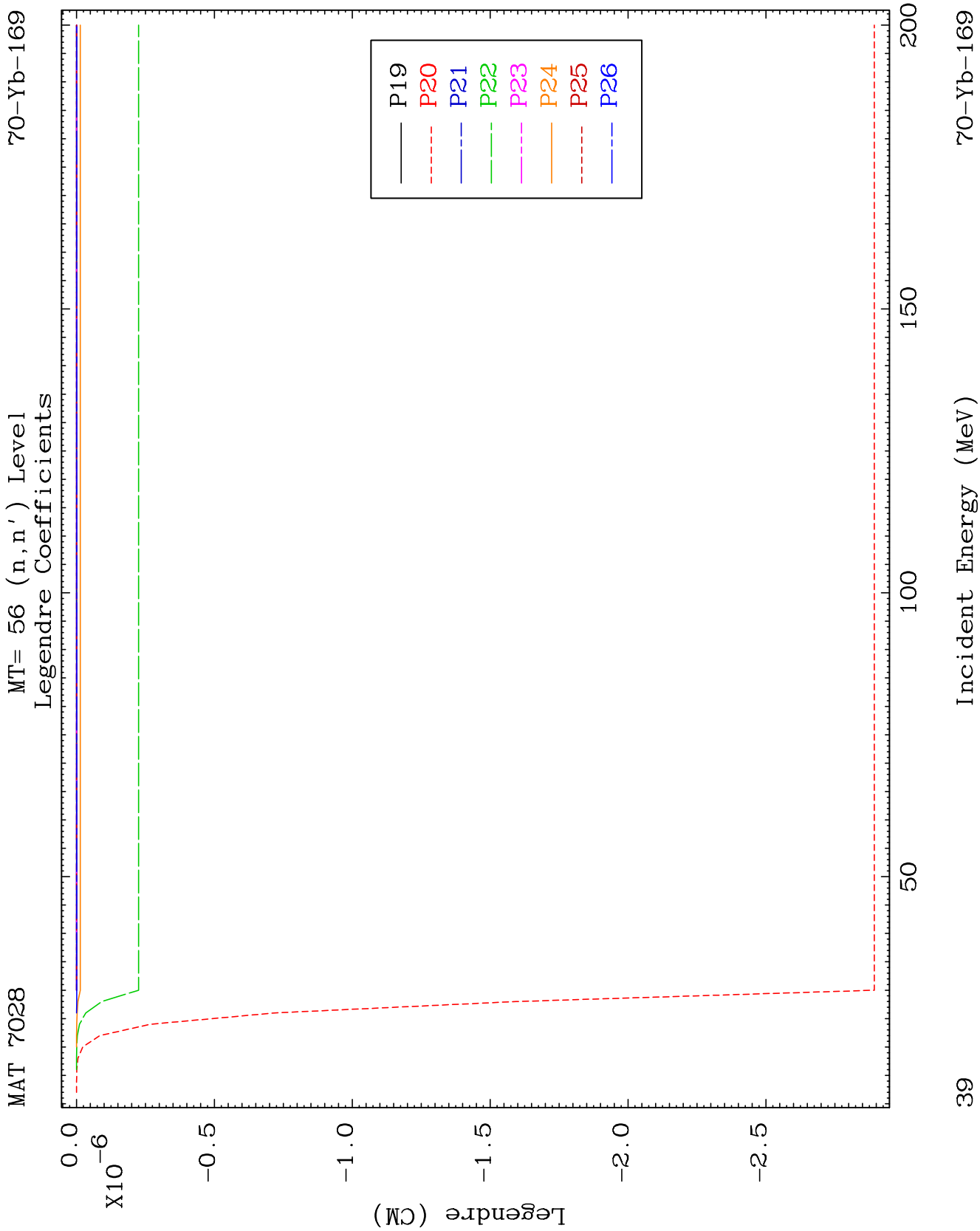
70-Yb-169

MAT 7028

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

70-Yb-169

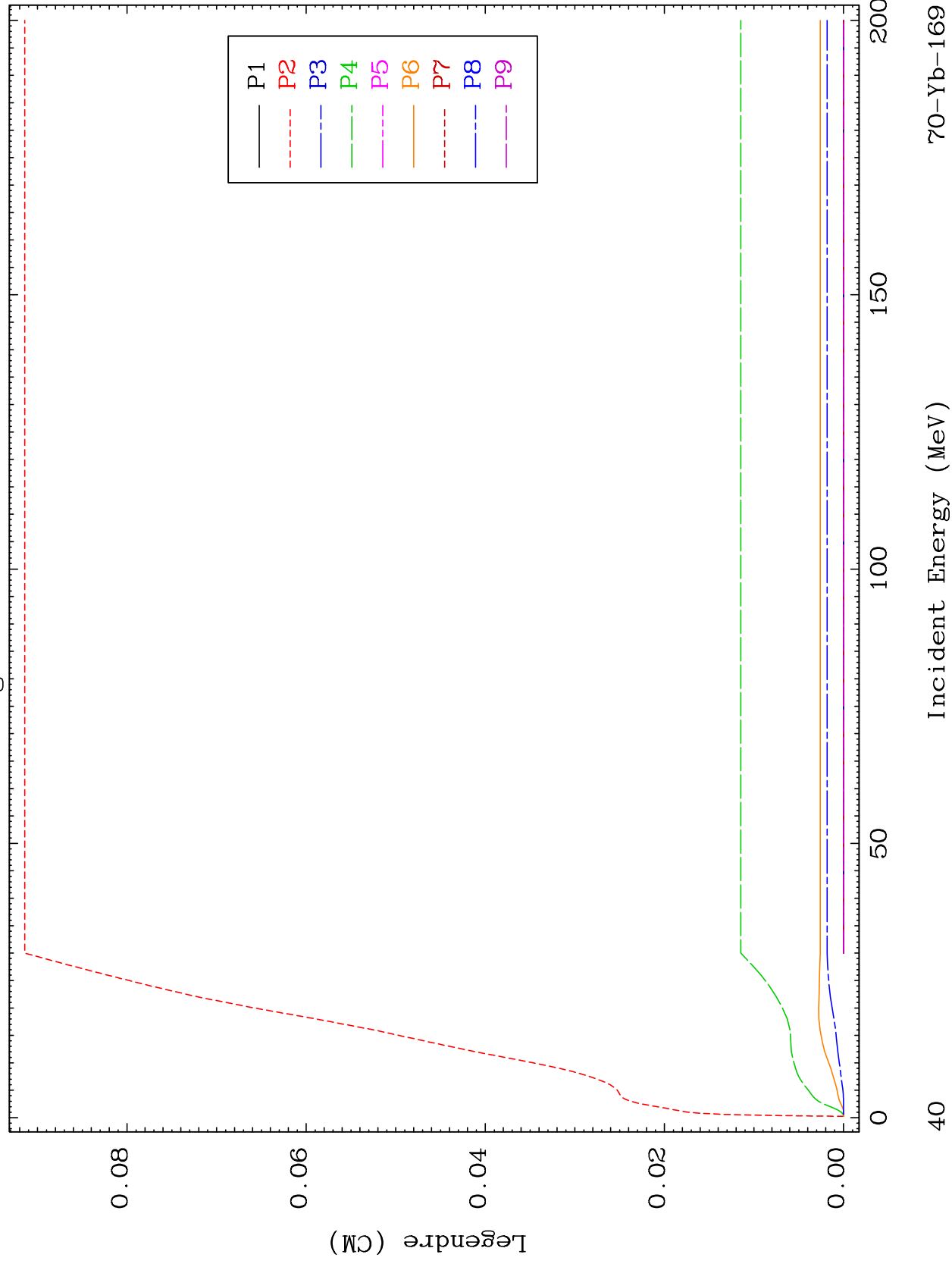


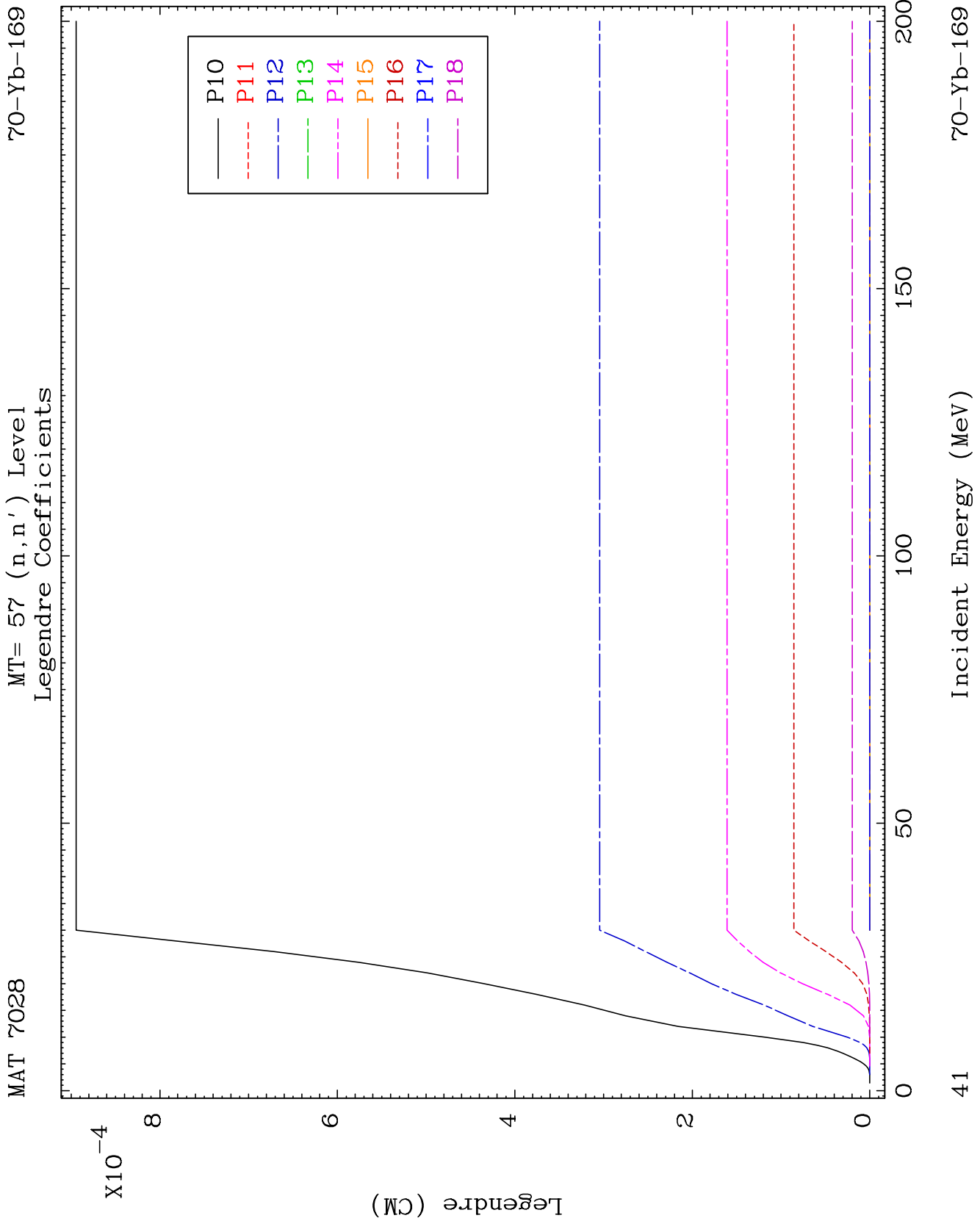


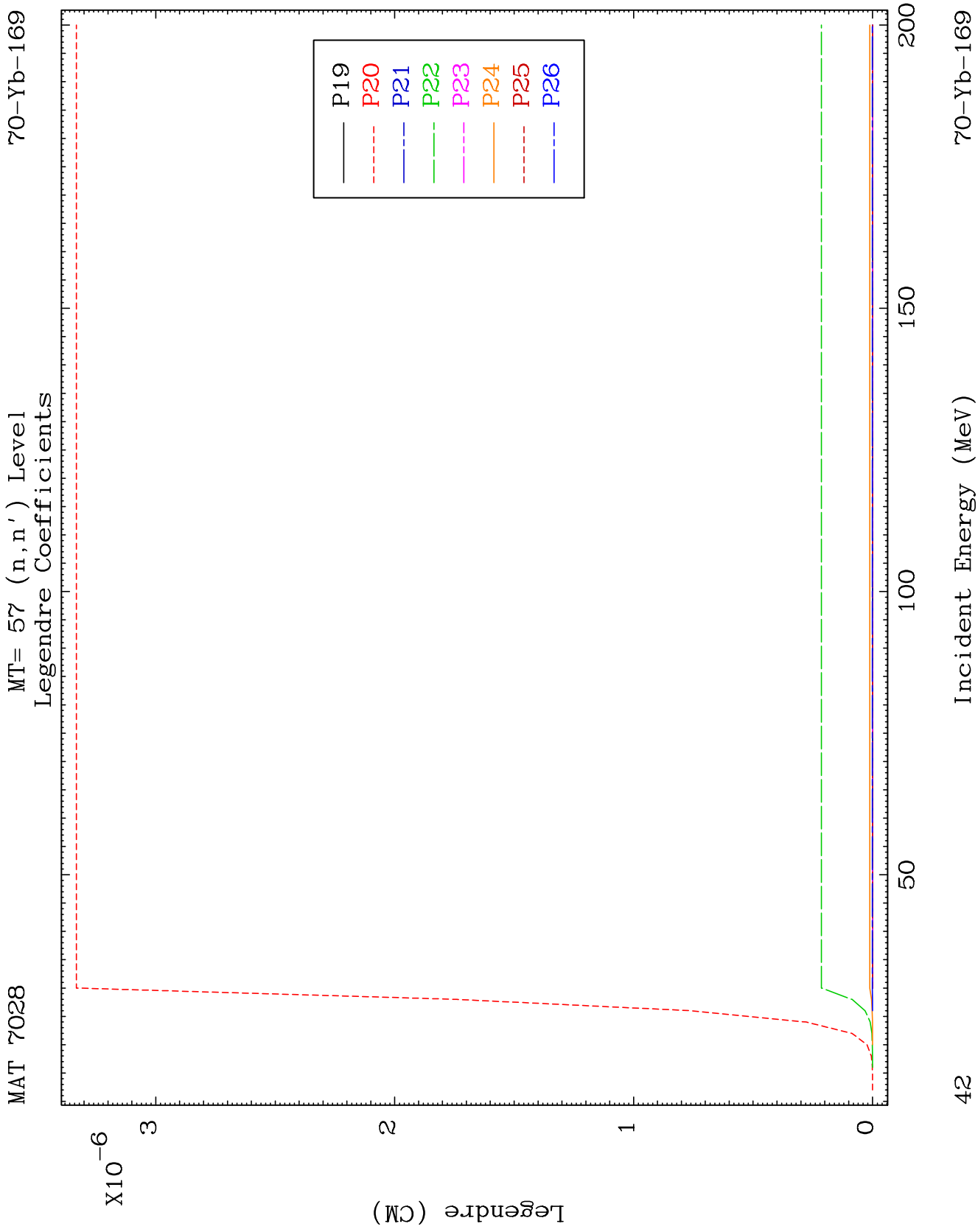
MAT 7028

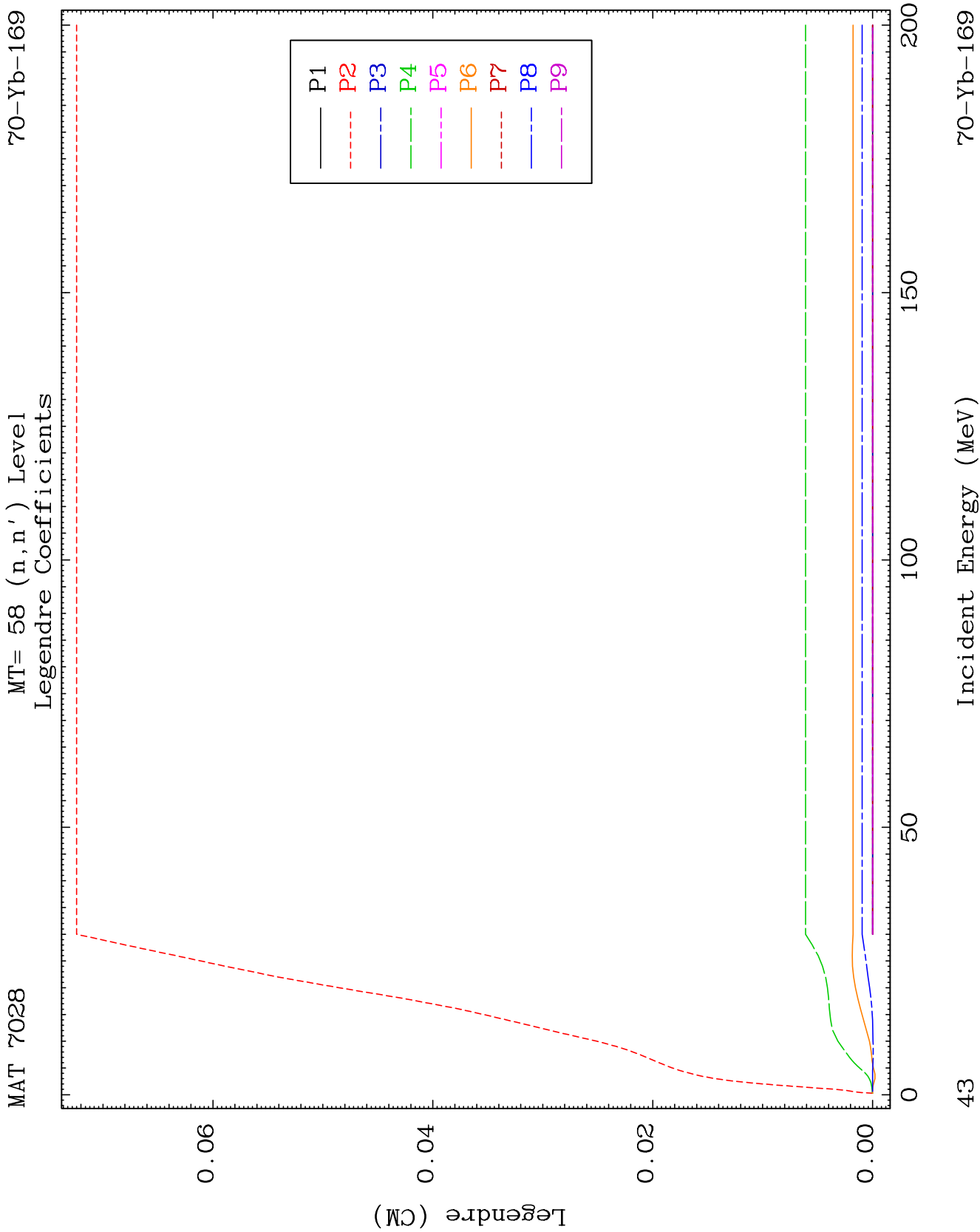
MT= 57 (n, n') Level
Legendre Coefficients

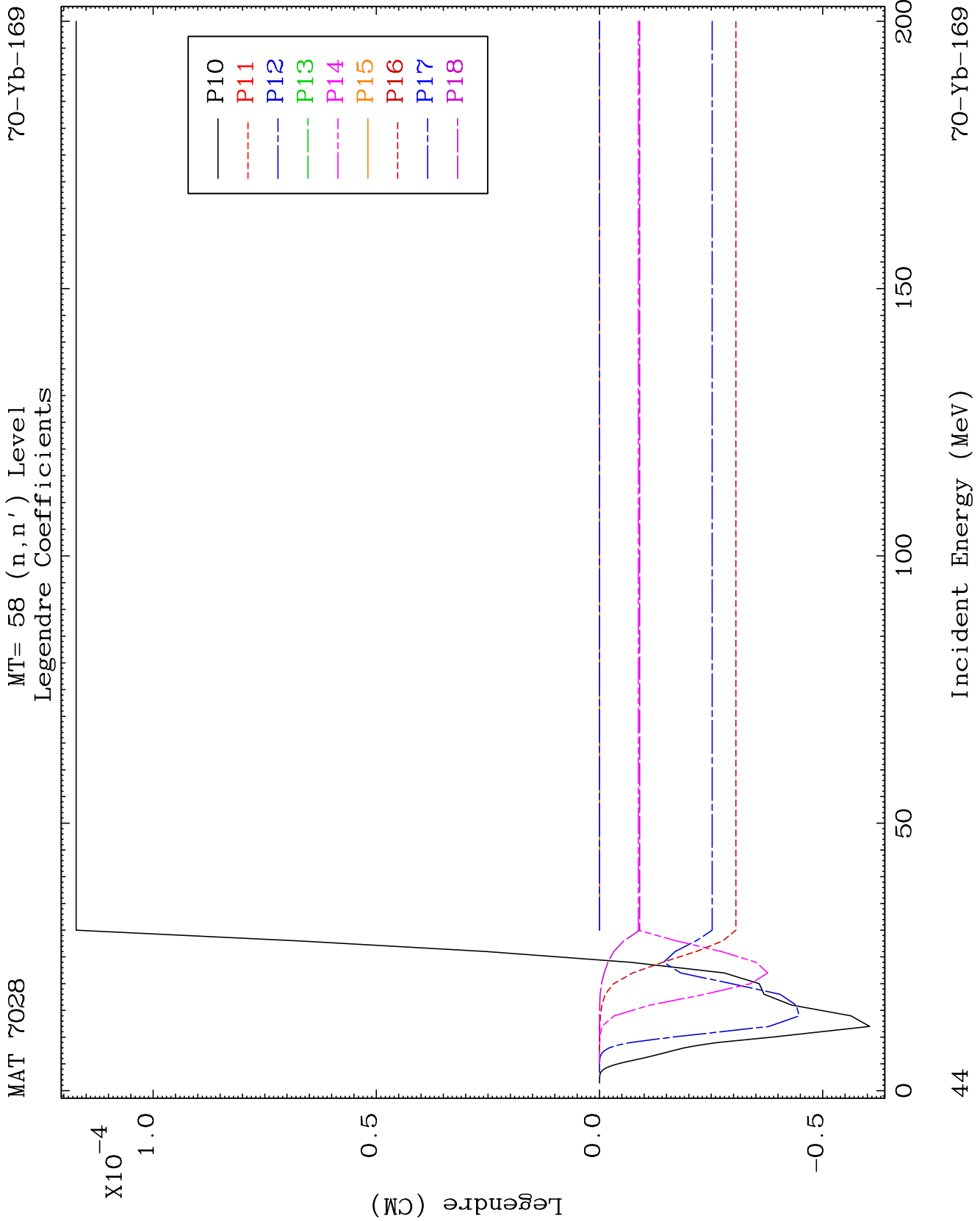
70-Yb-169

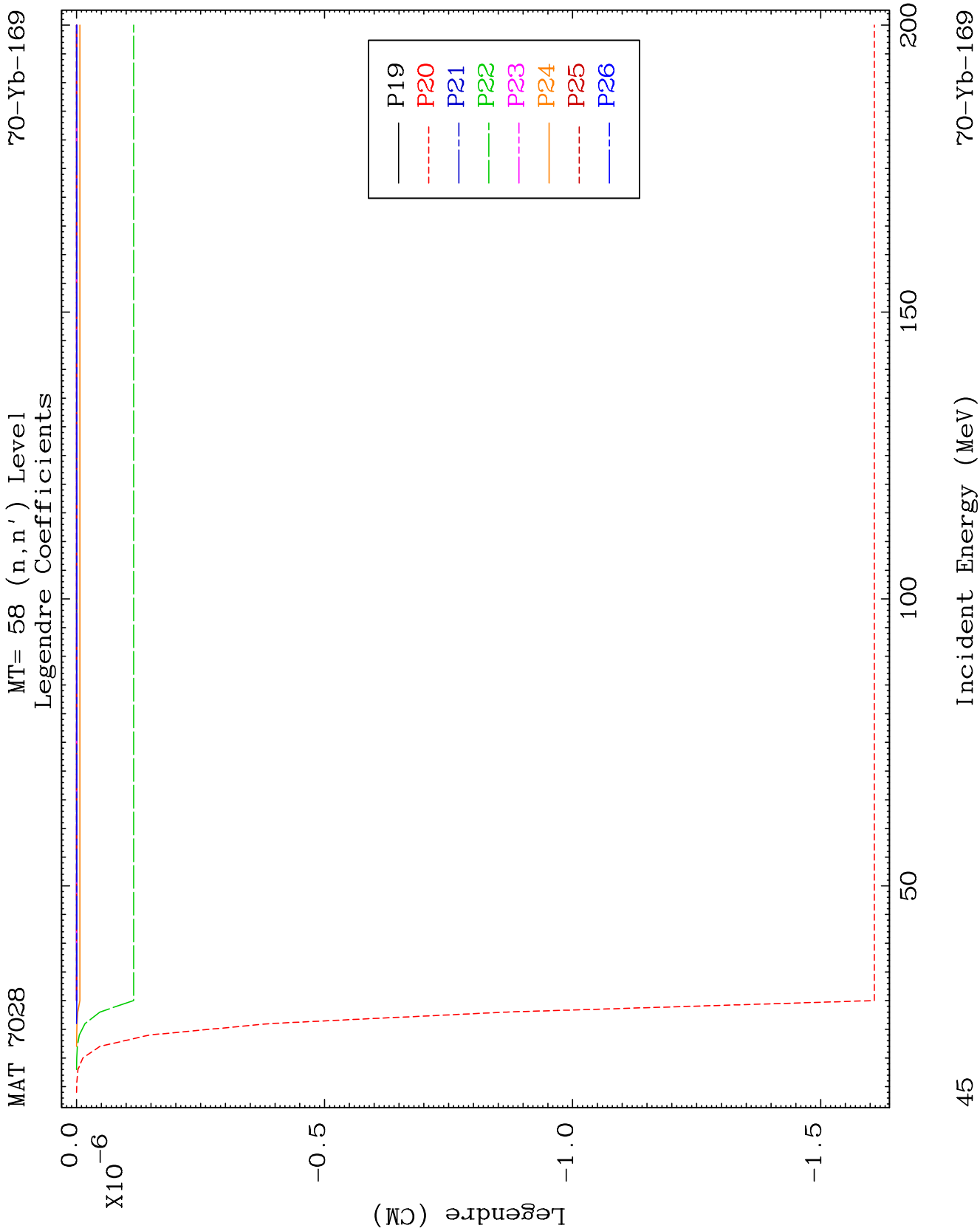


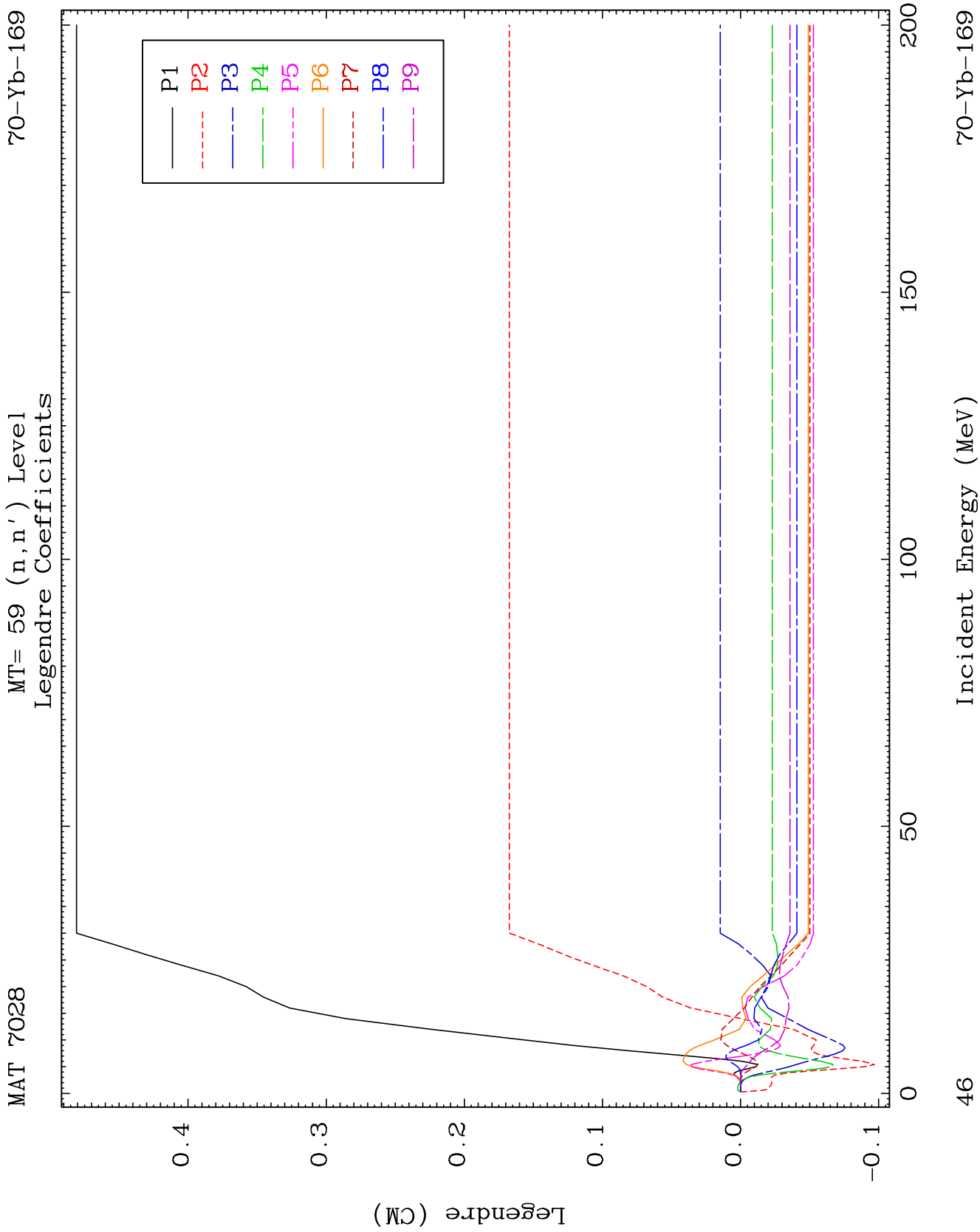


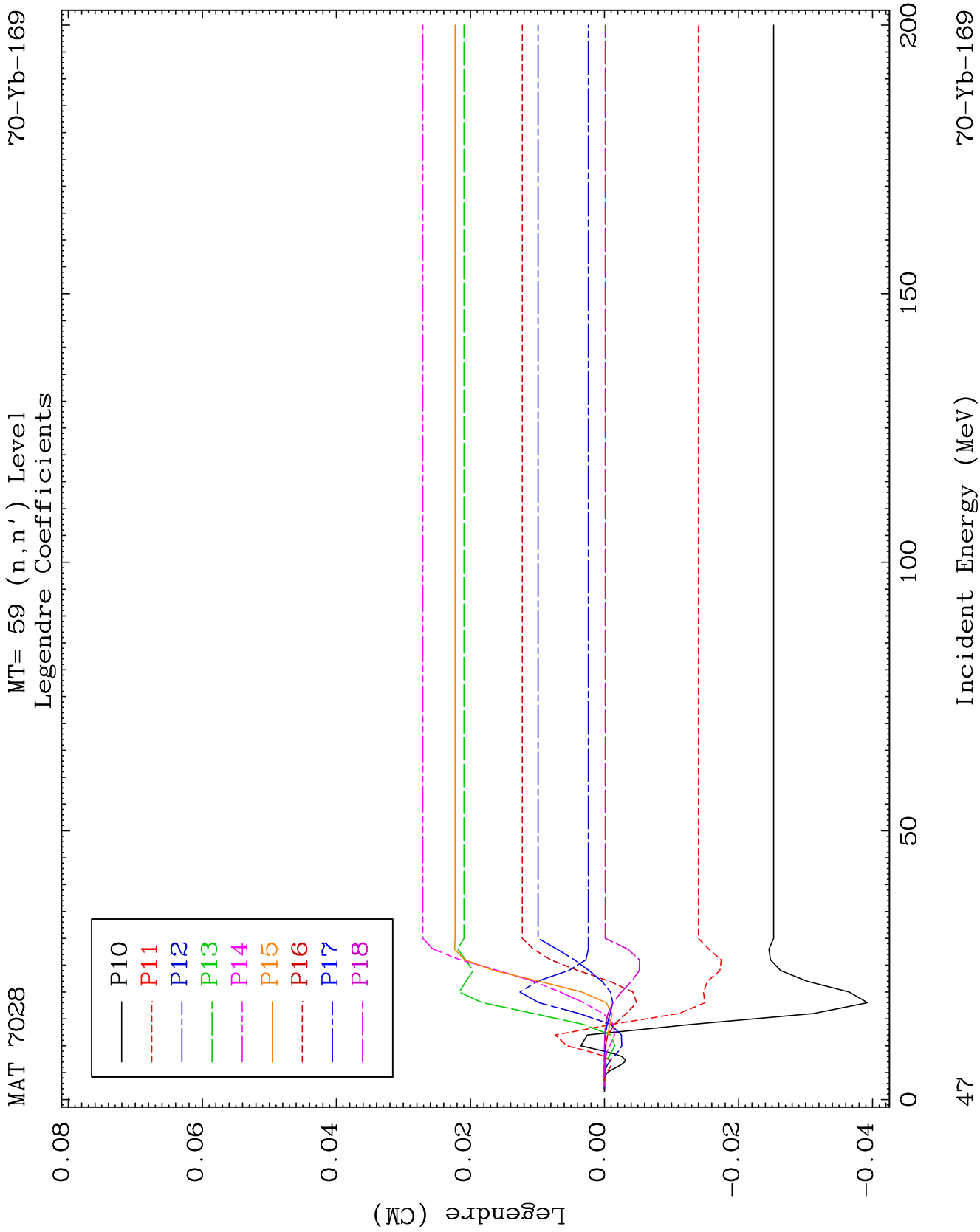


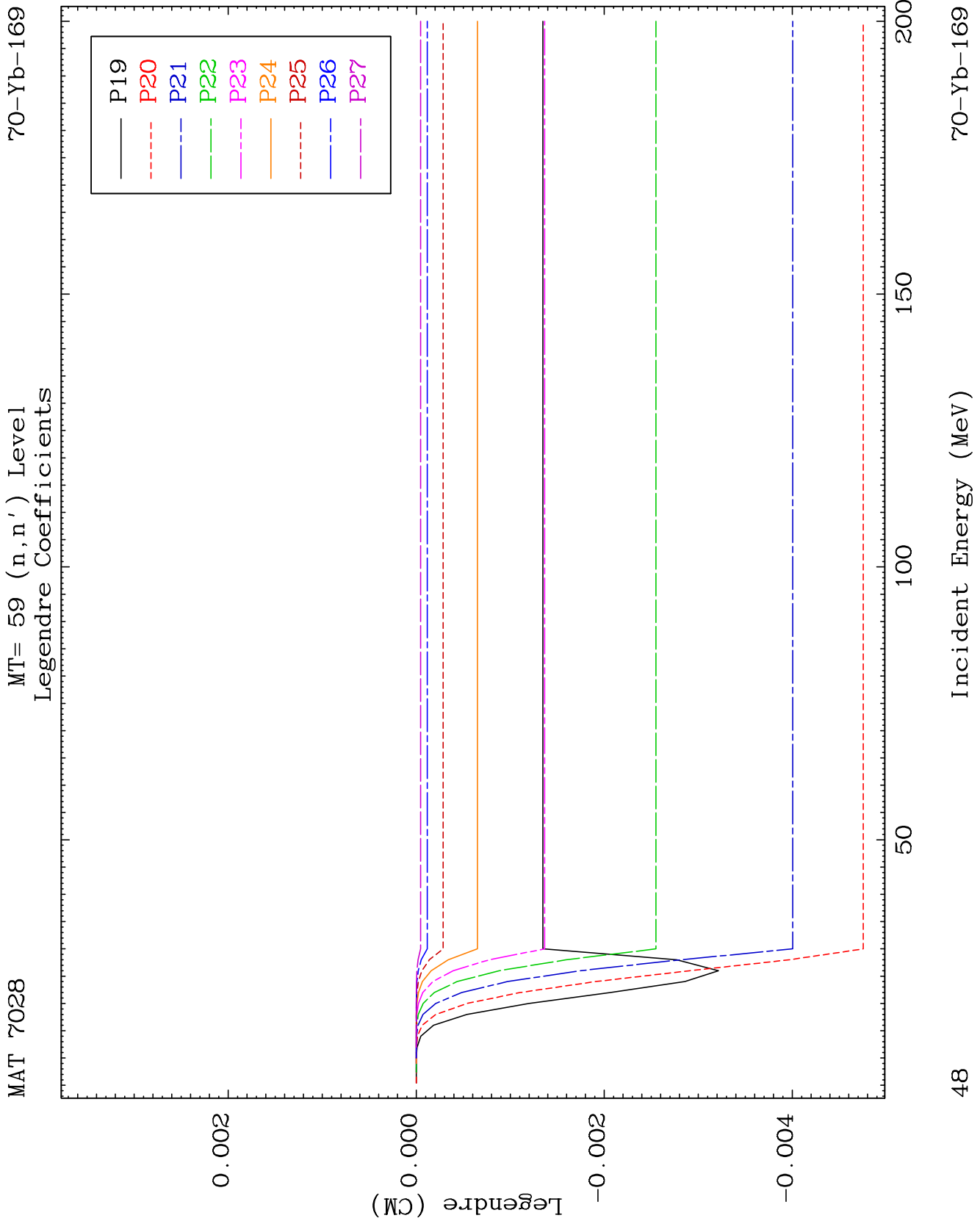


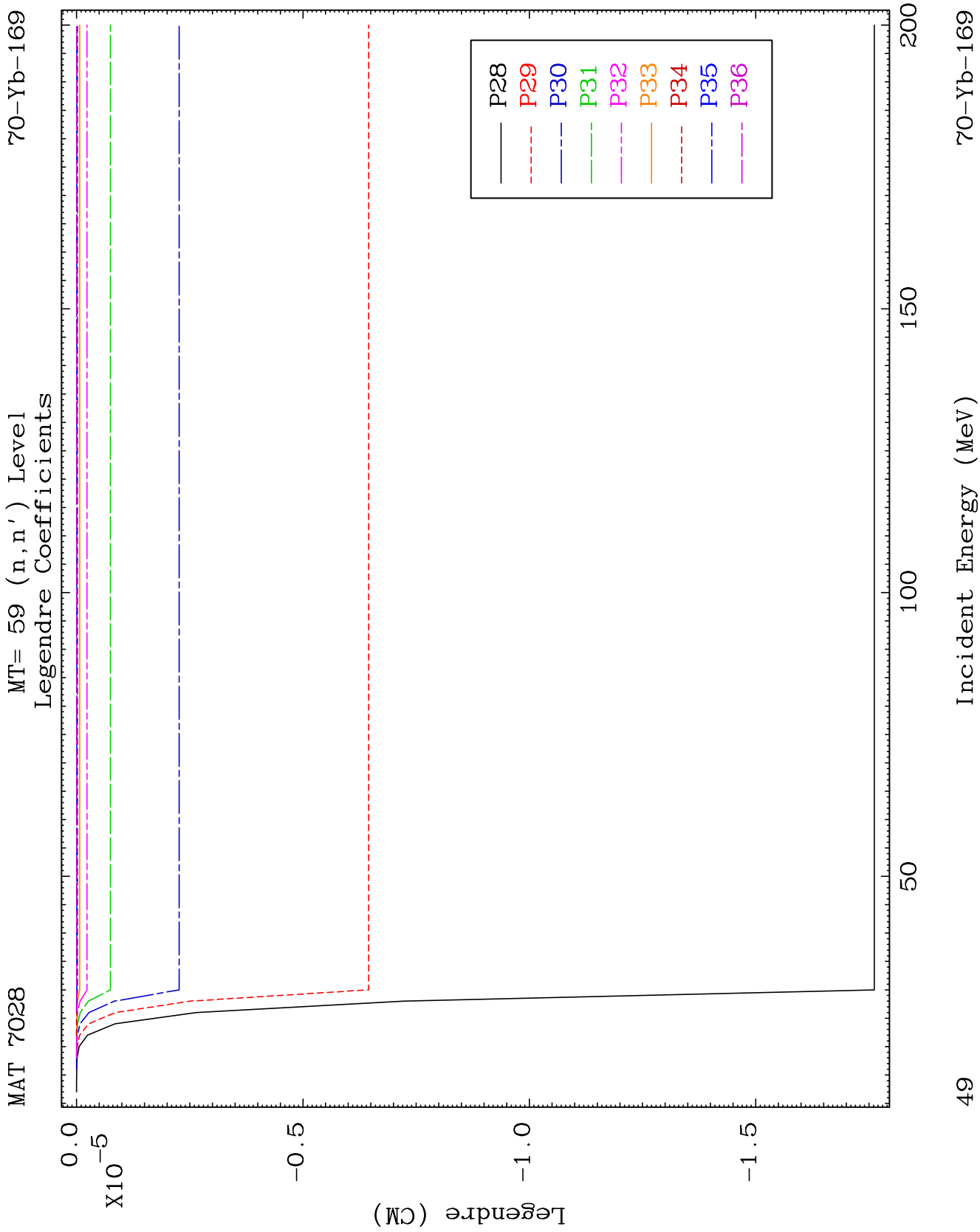


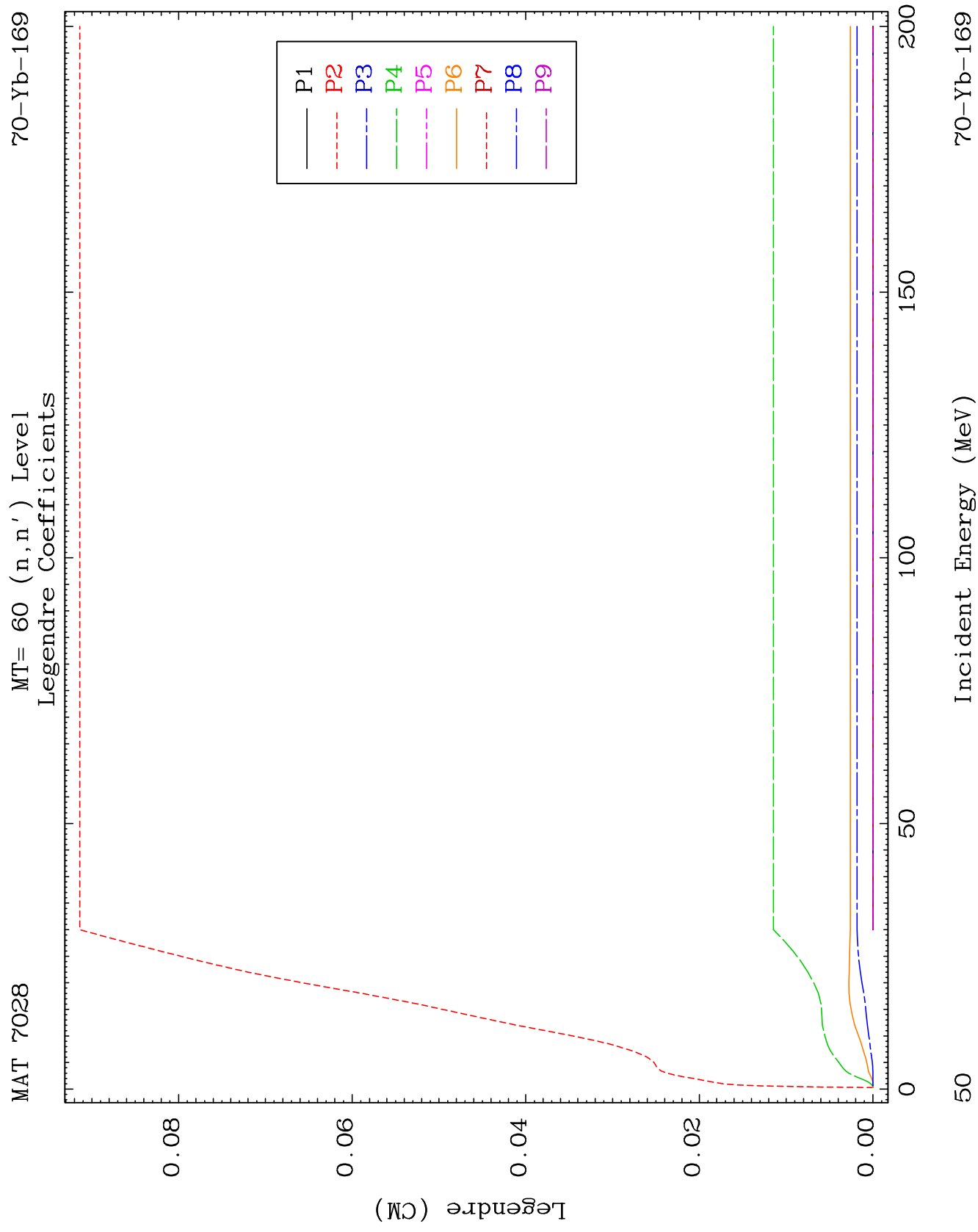


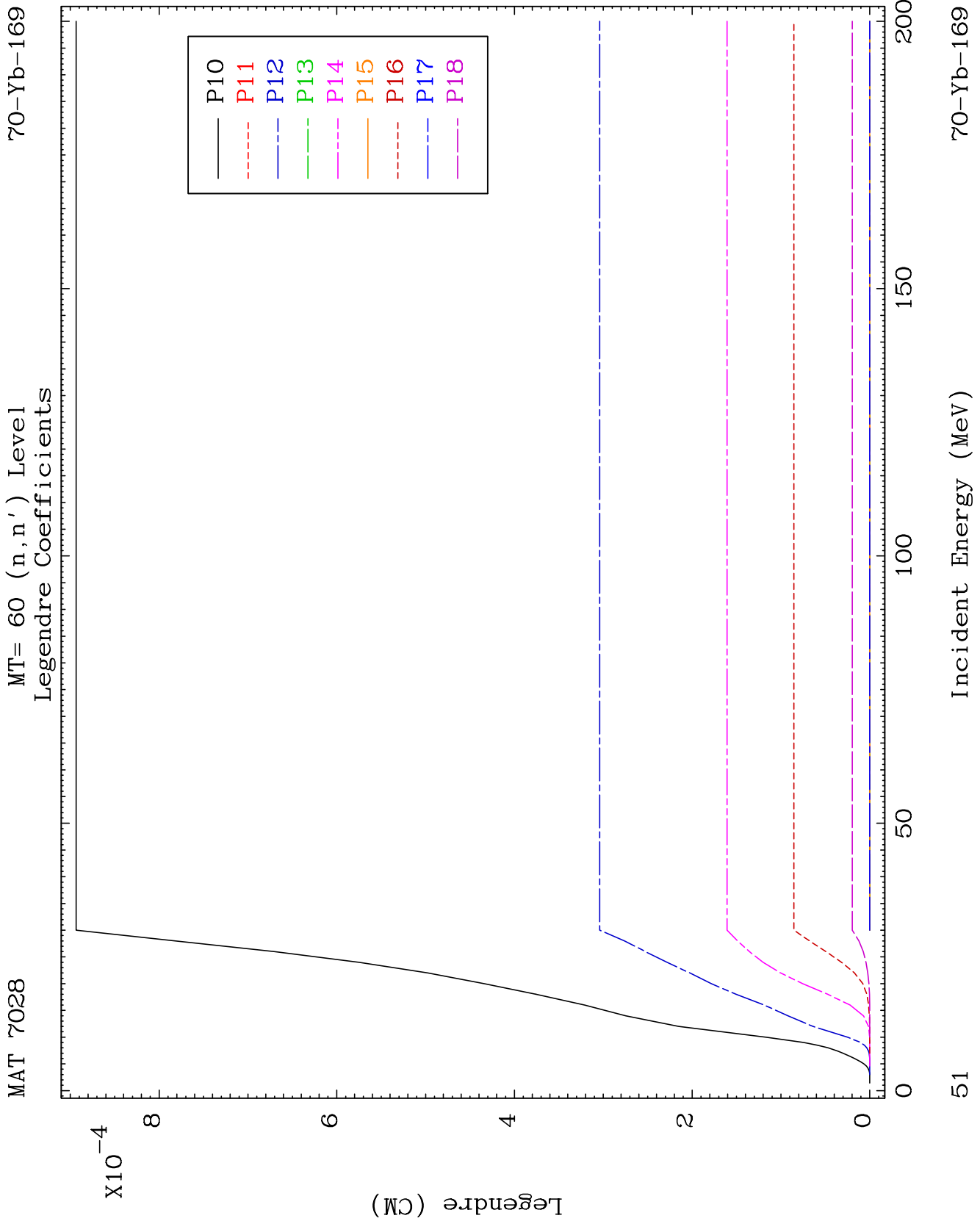








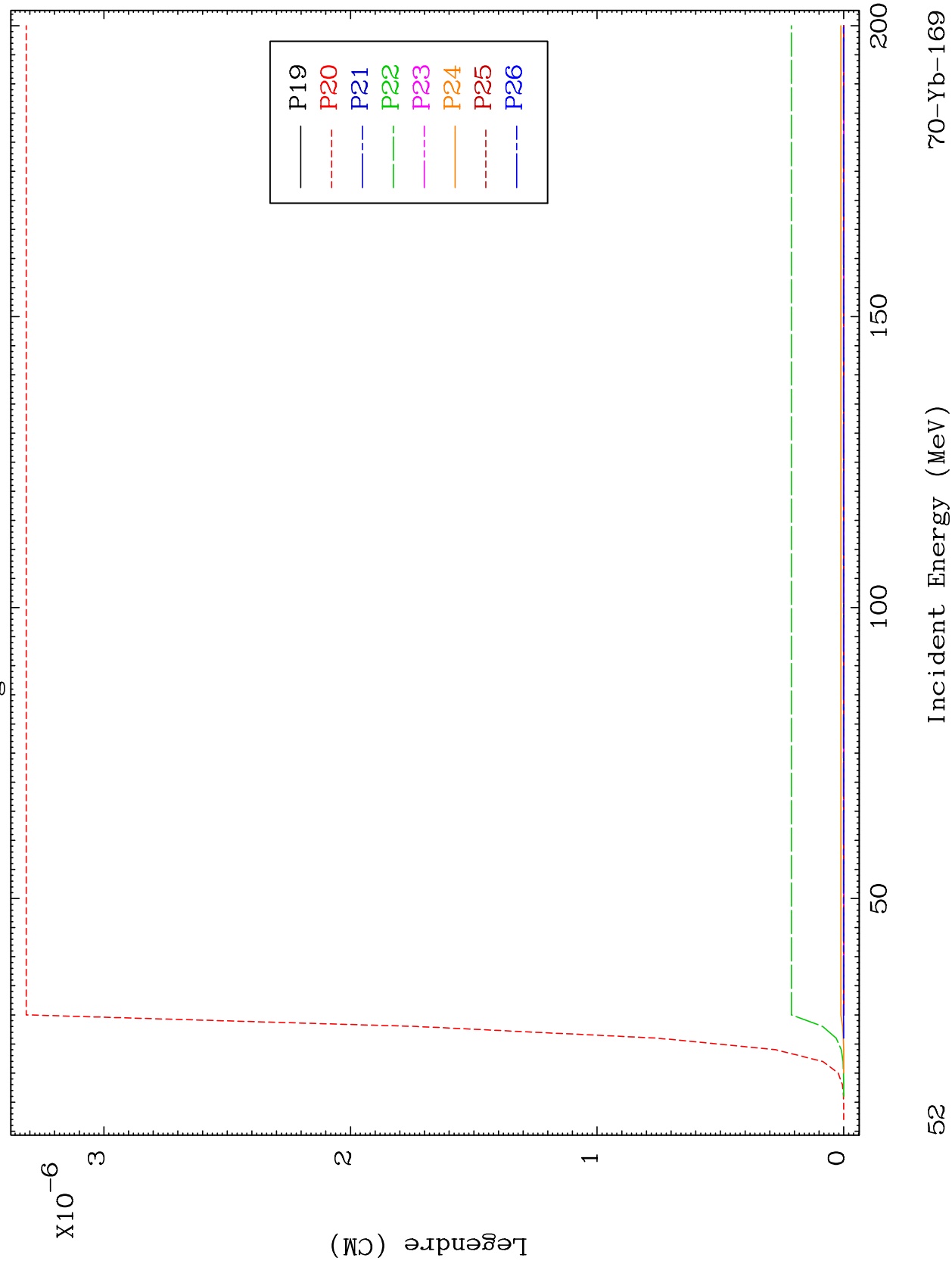


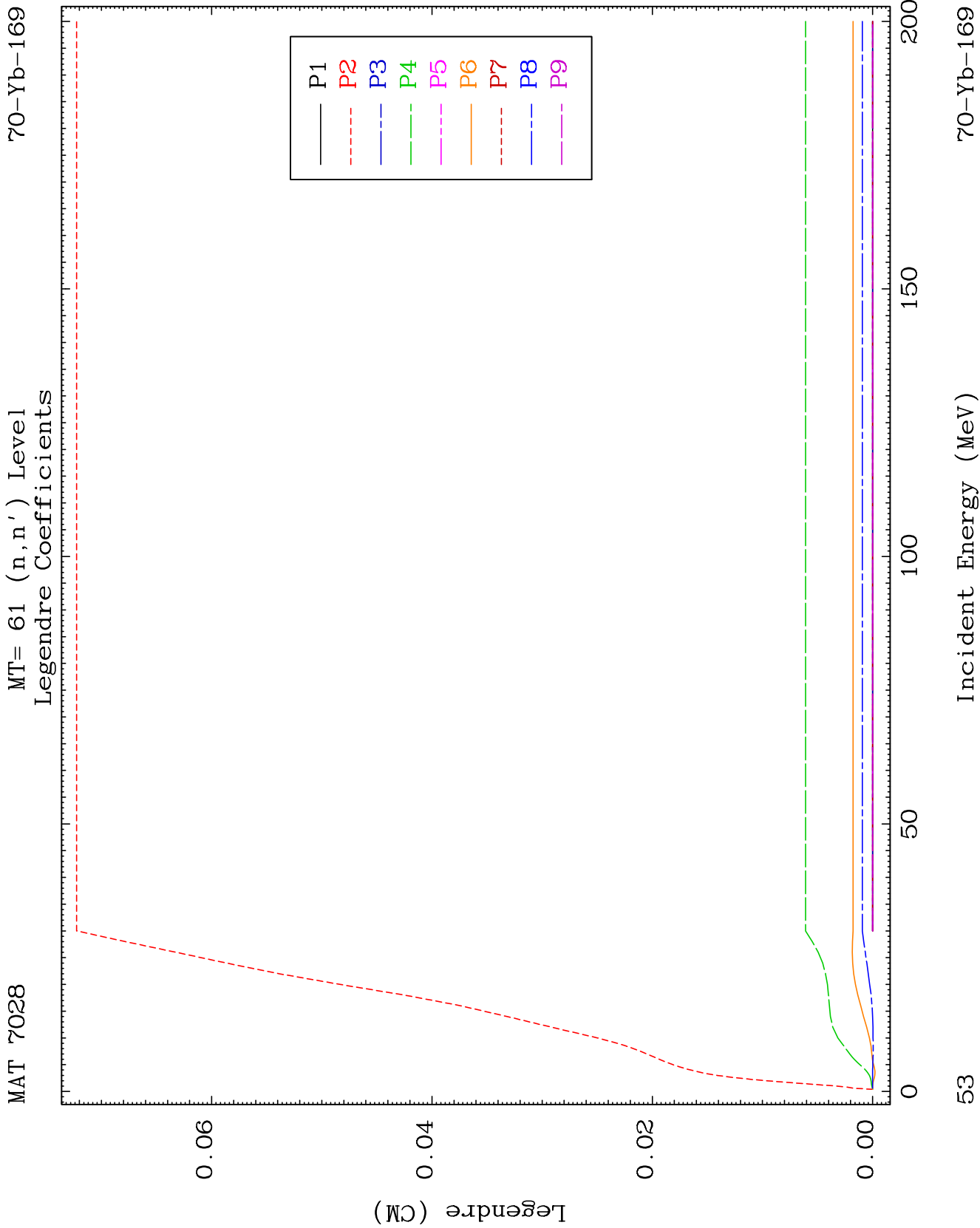


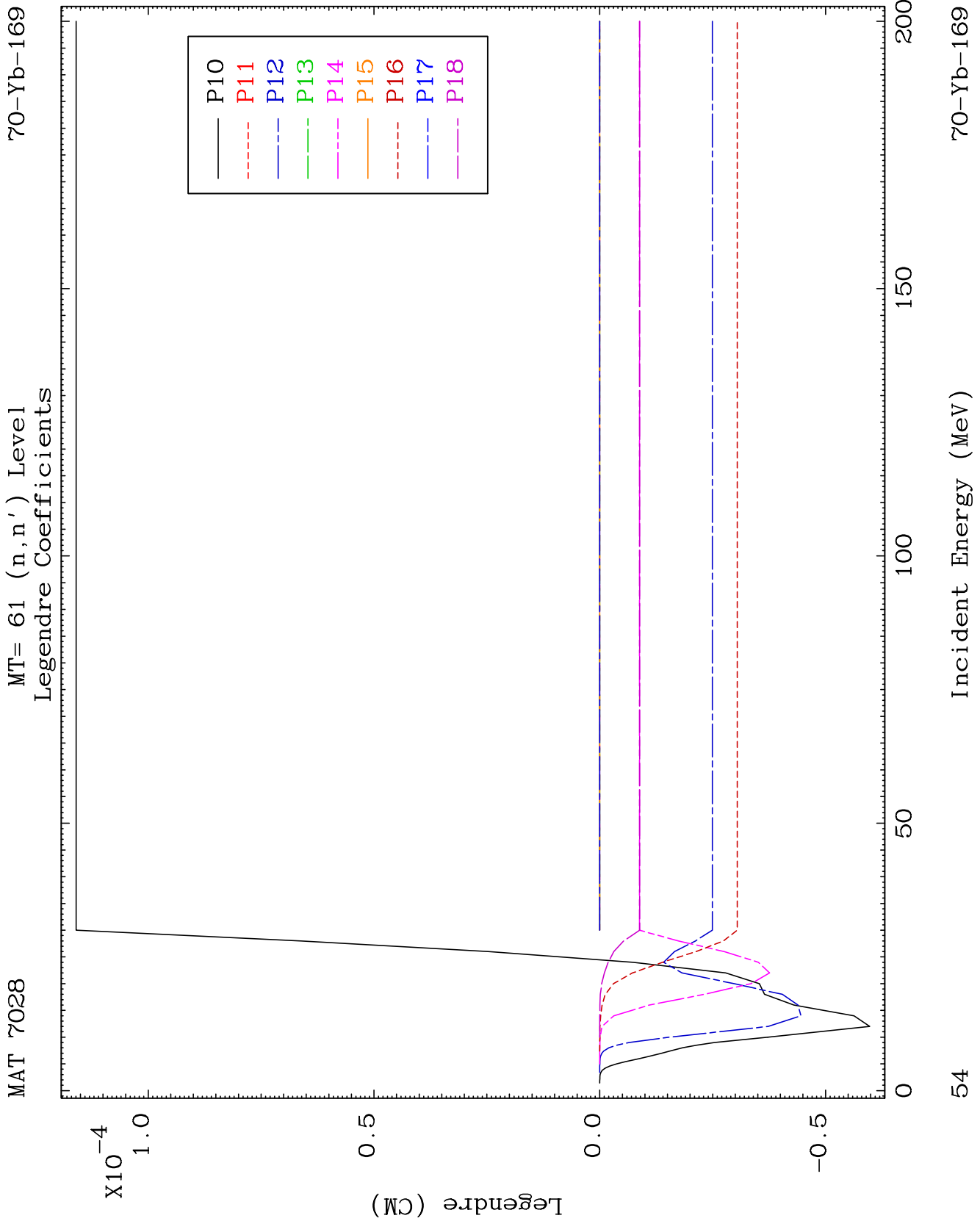
MAT 7028

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

70-Yb-169



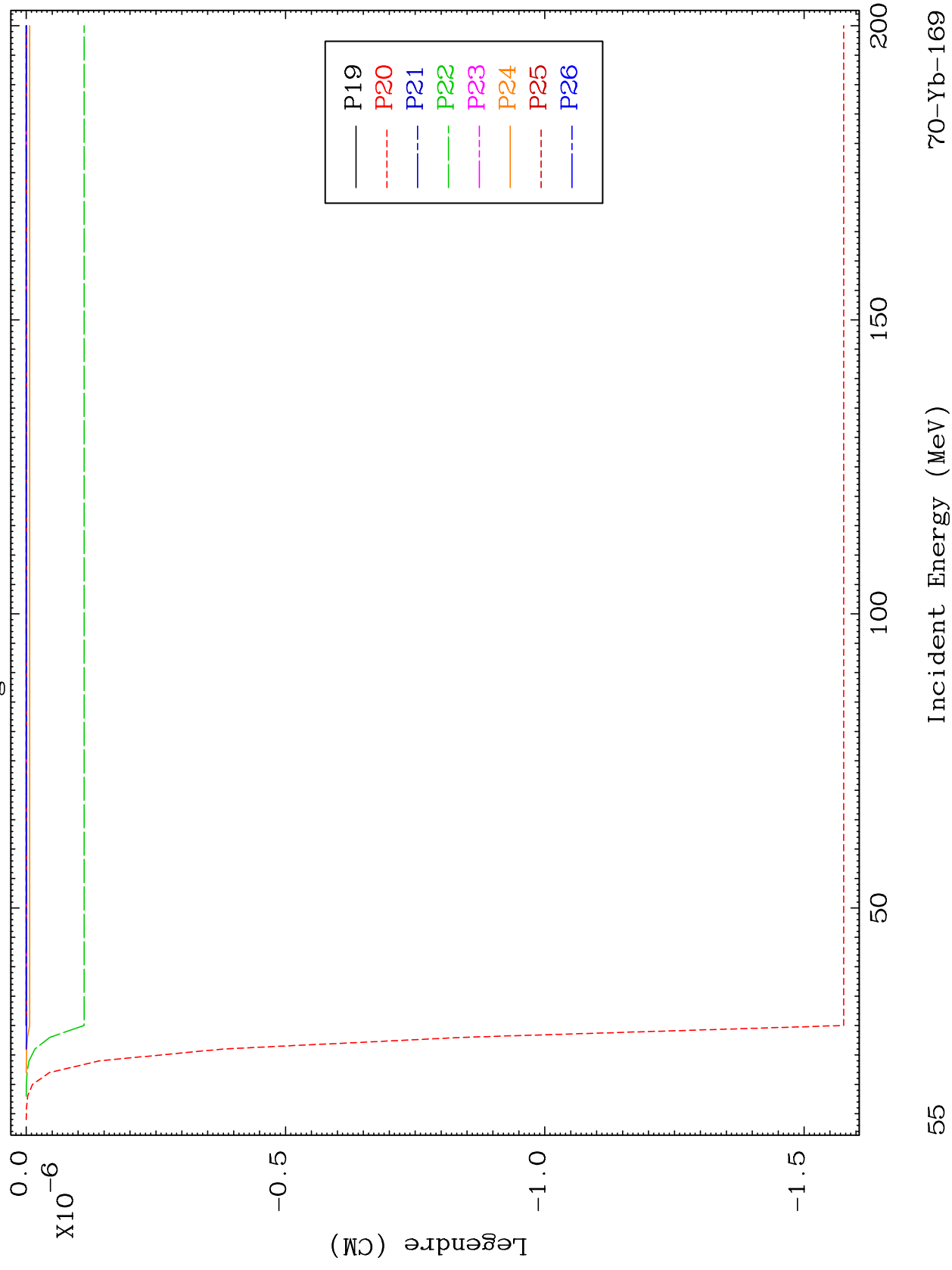




MAT 7028

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

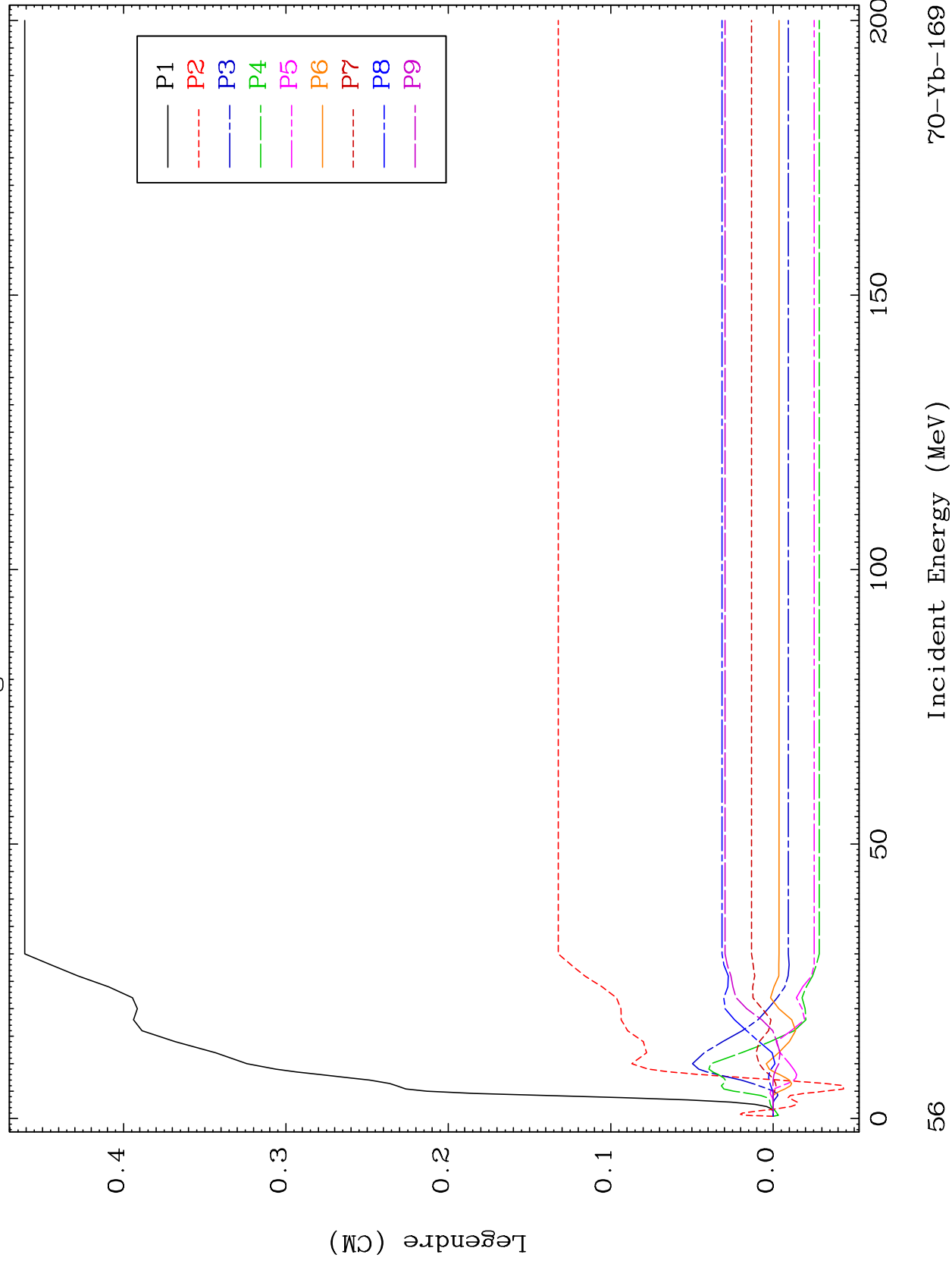
70-Yb-169



MAT 7028

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

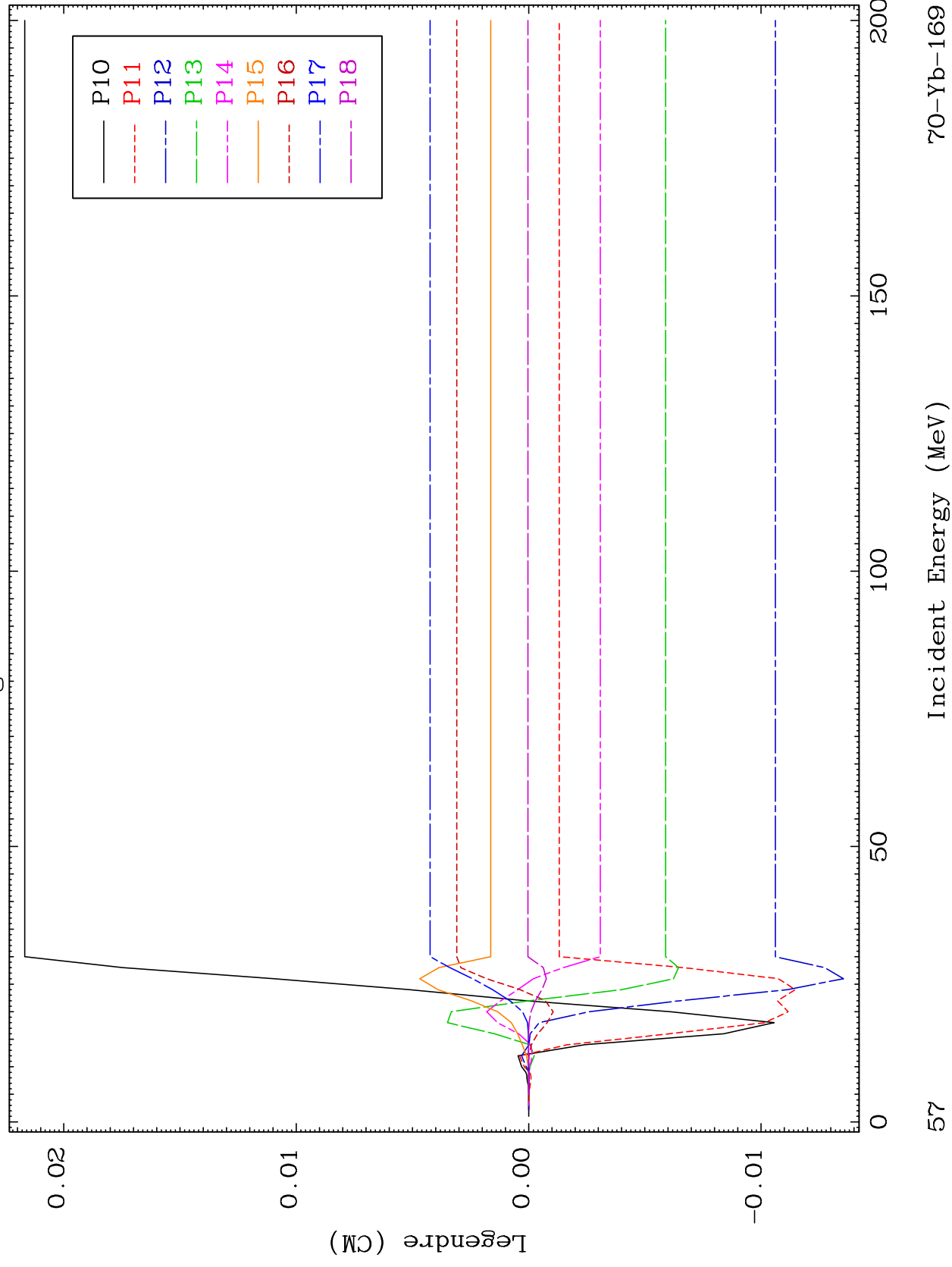
70-Yb-169

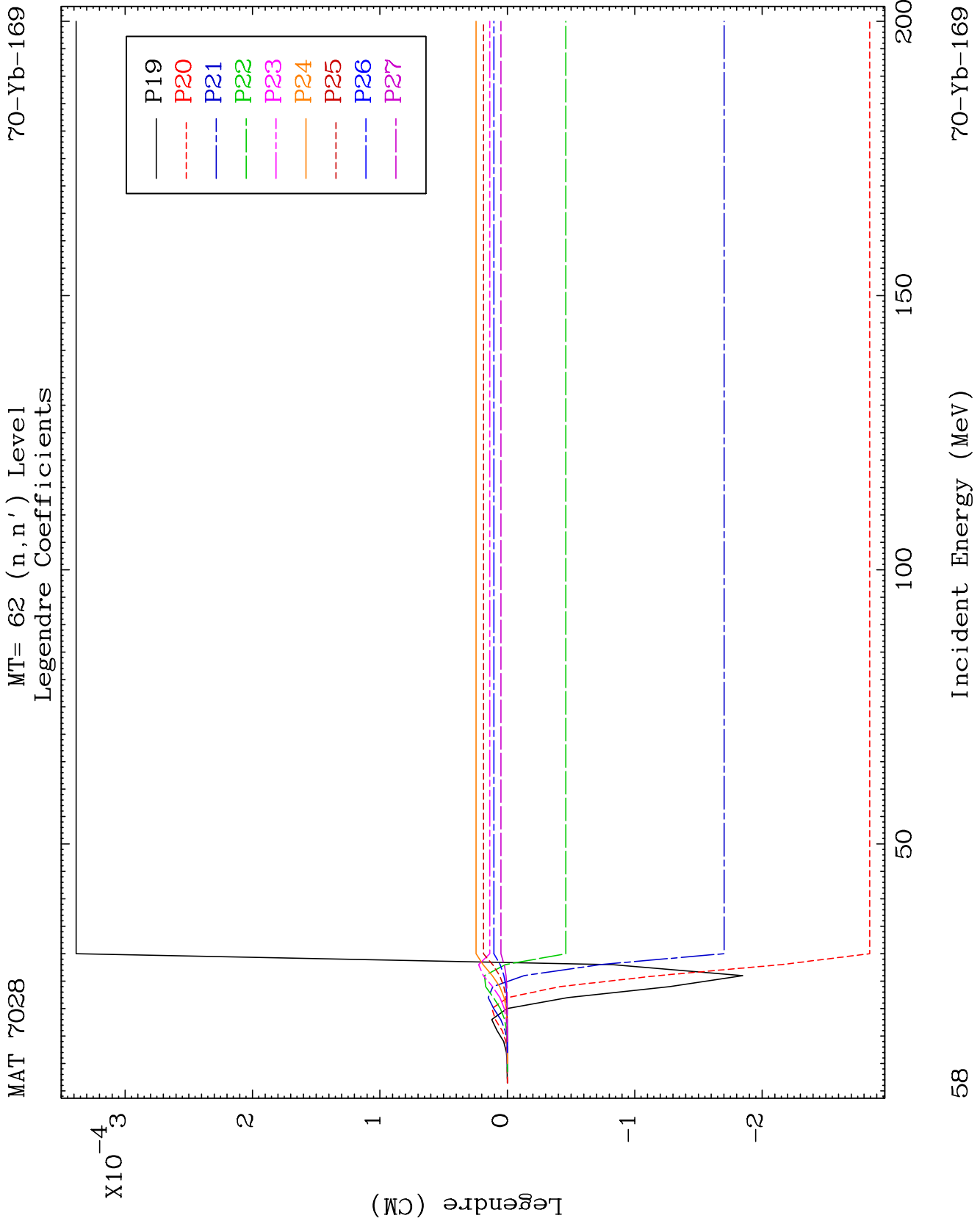


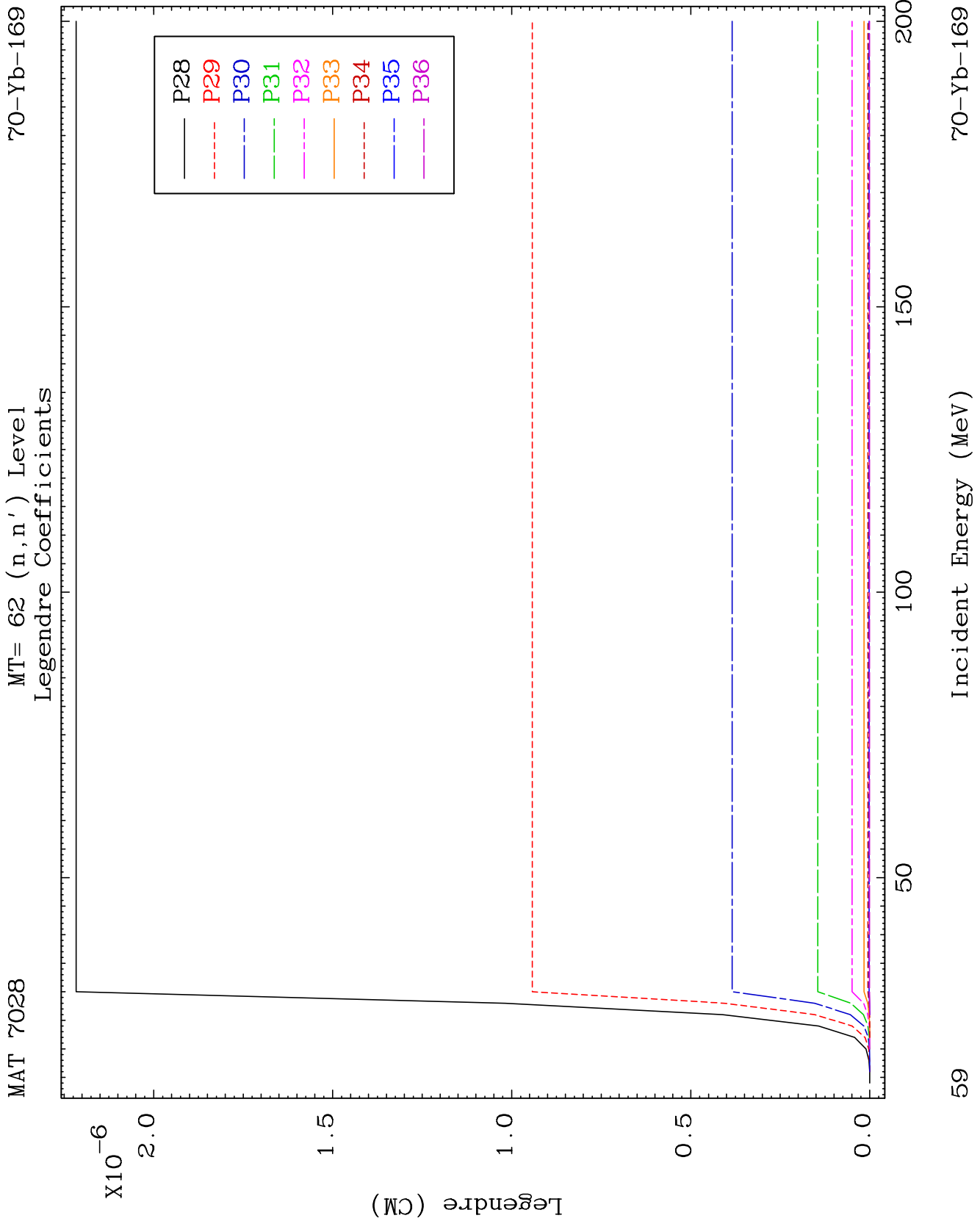
MAT 7028

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

70-Yb-169



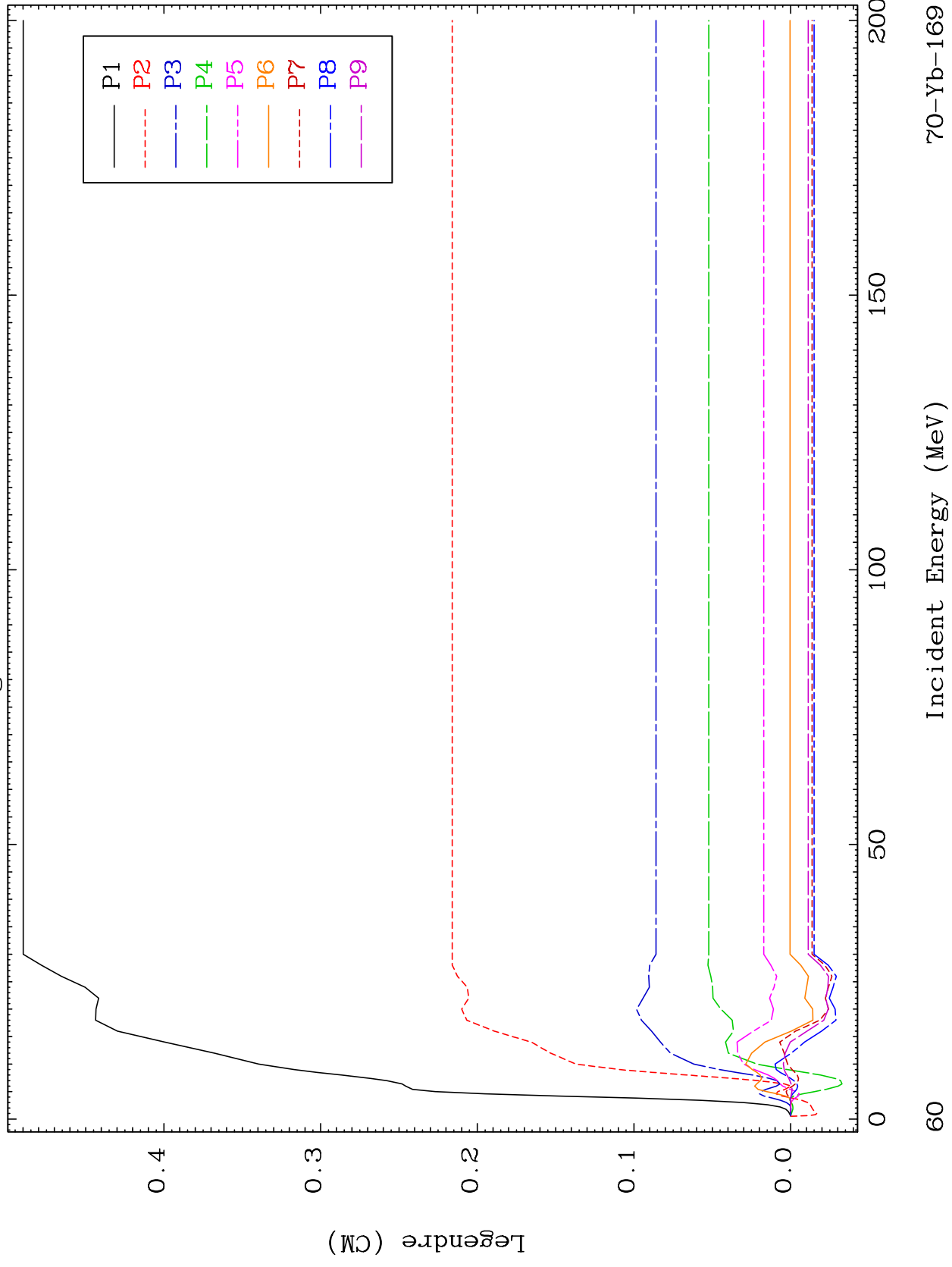




MAT 7028

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

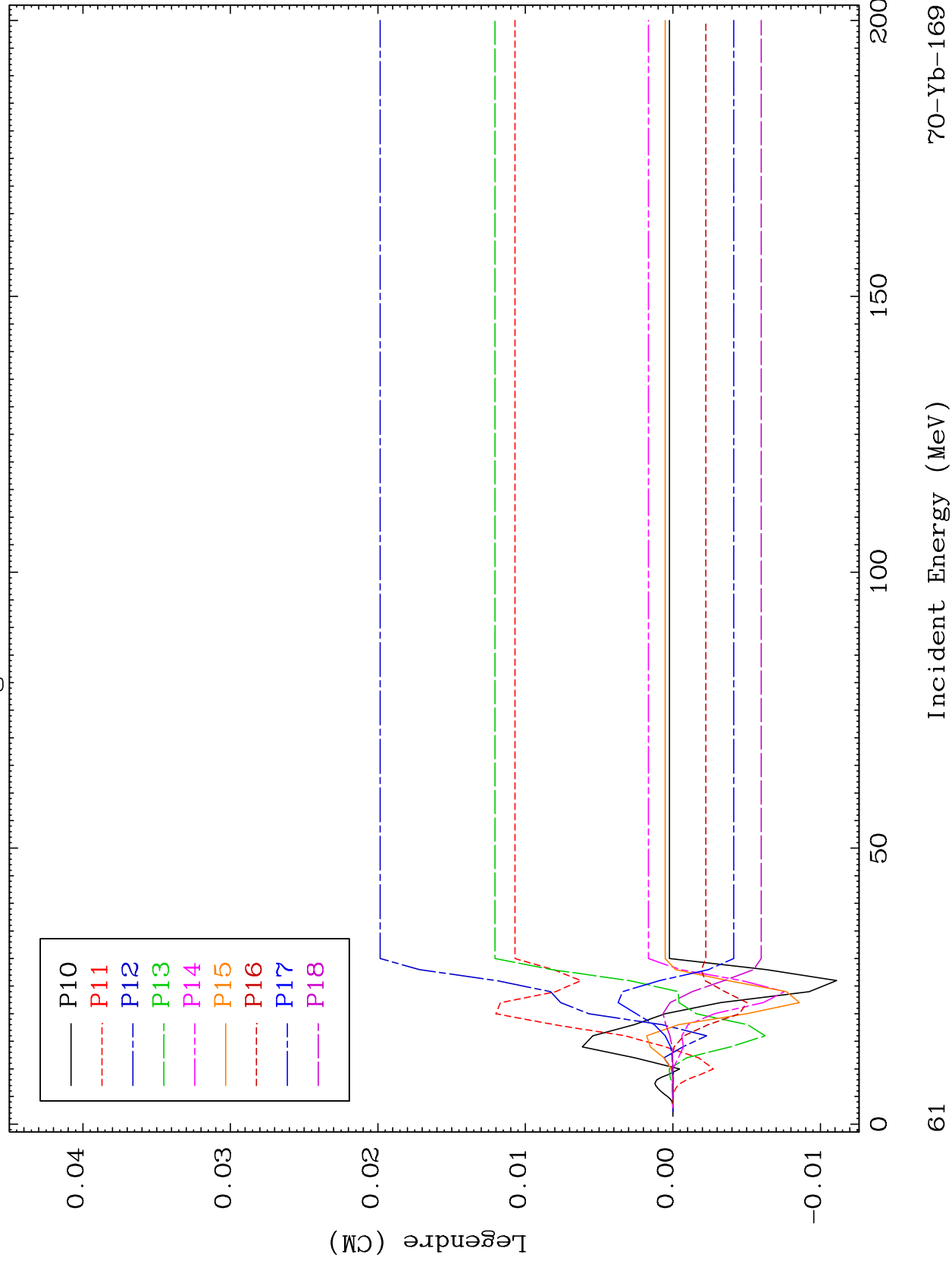
70-Yb-169

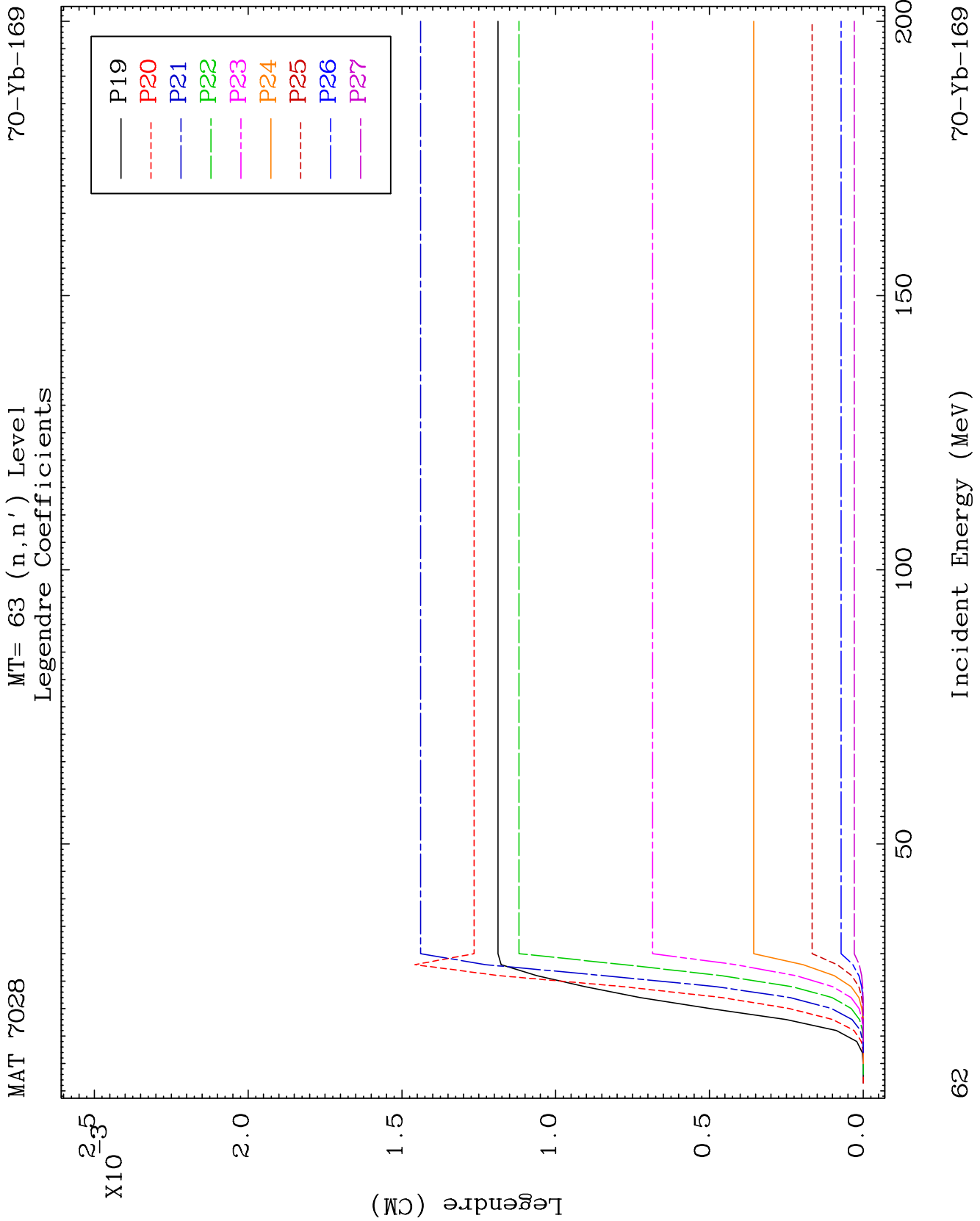


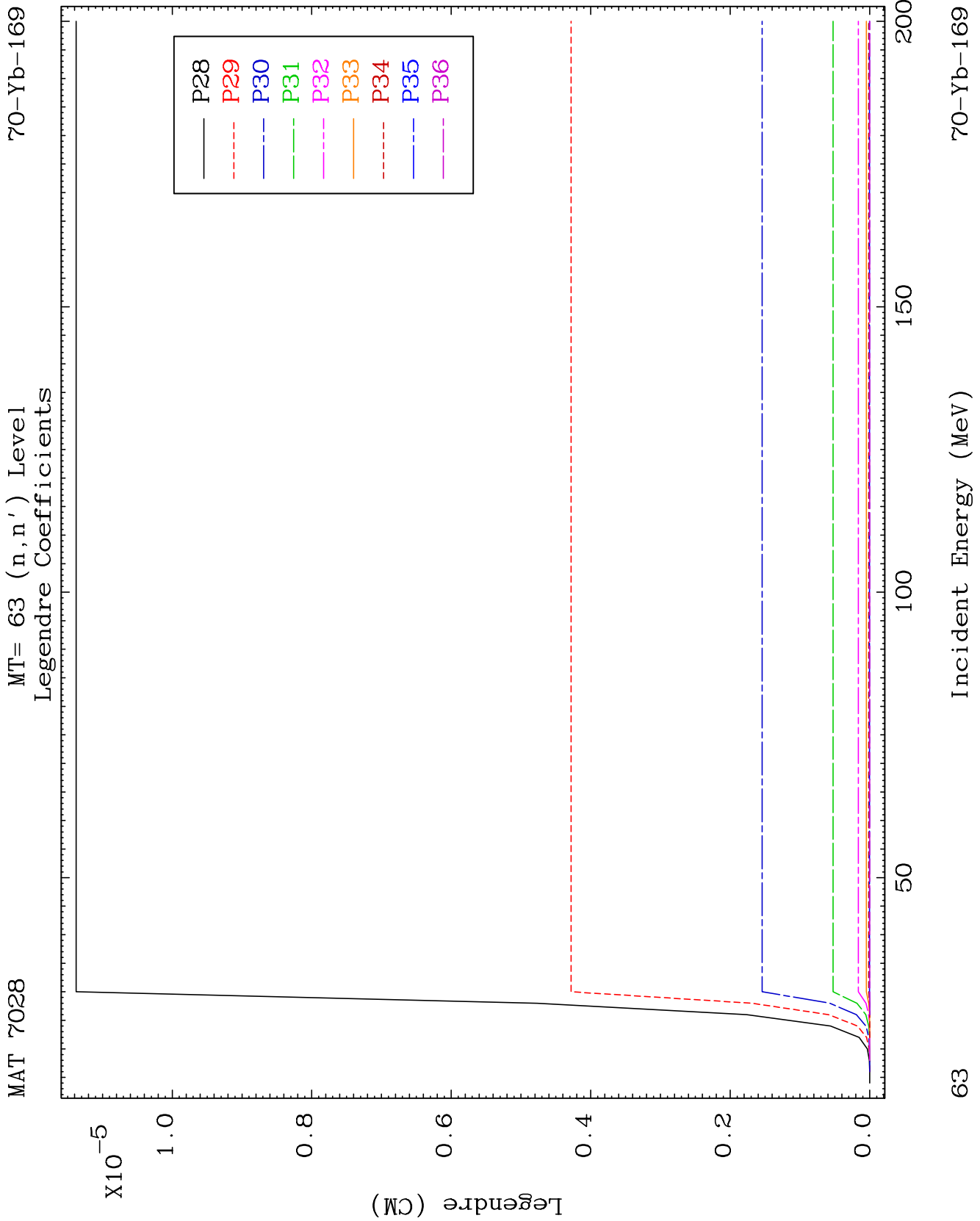
MAT 7028

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

70-Yb-169



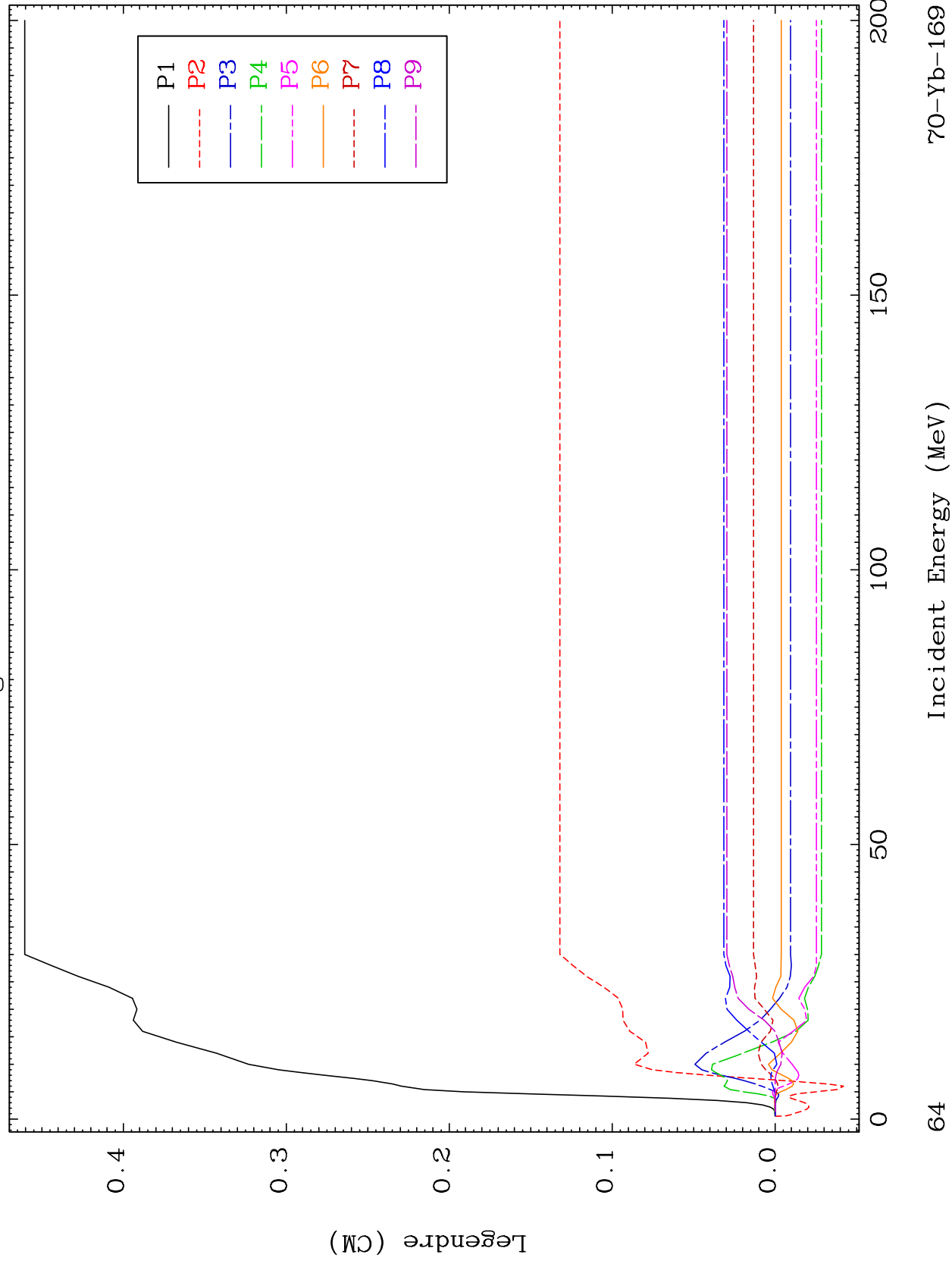




MAT 7028

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

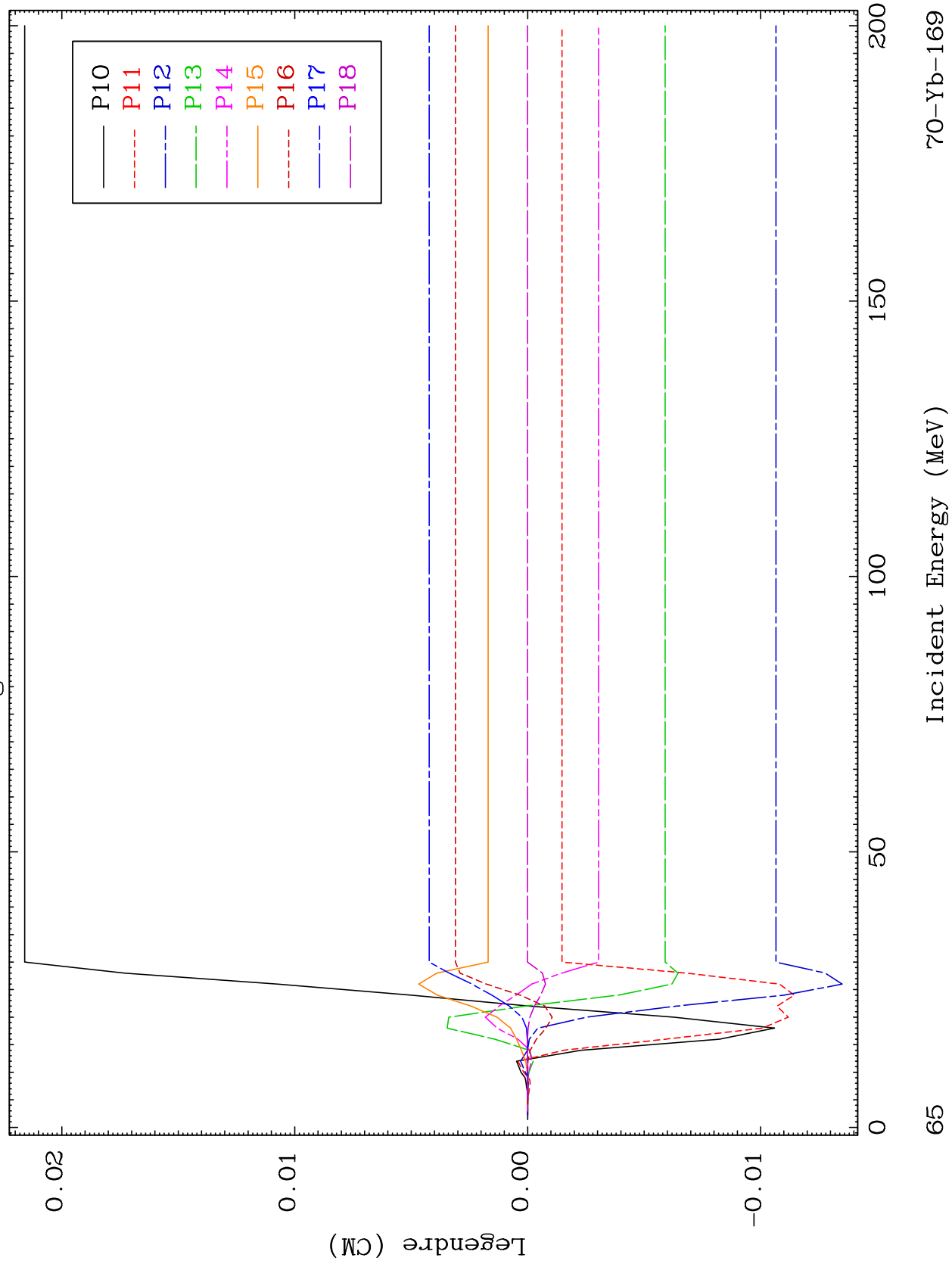
70-Yb-169



MAT 7028

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

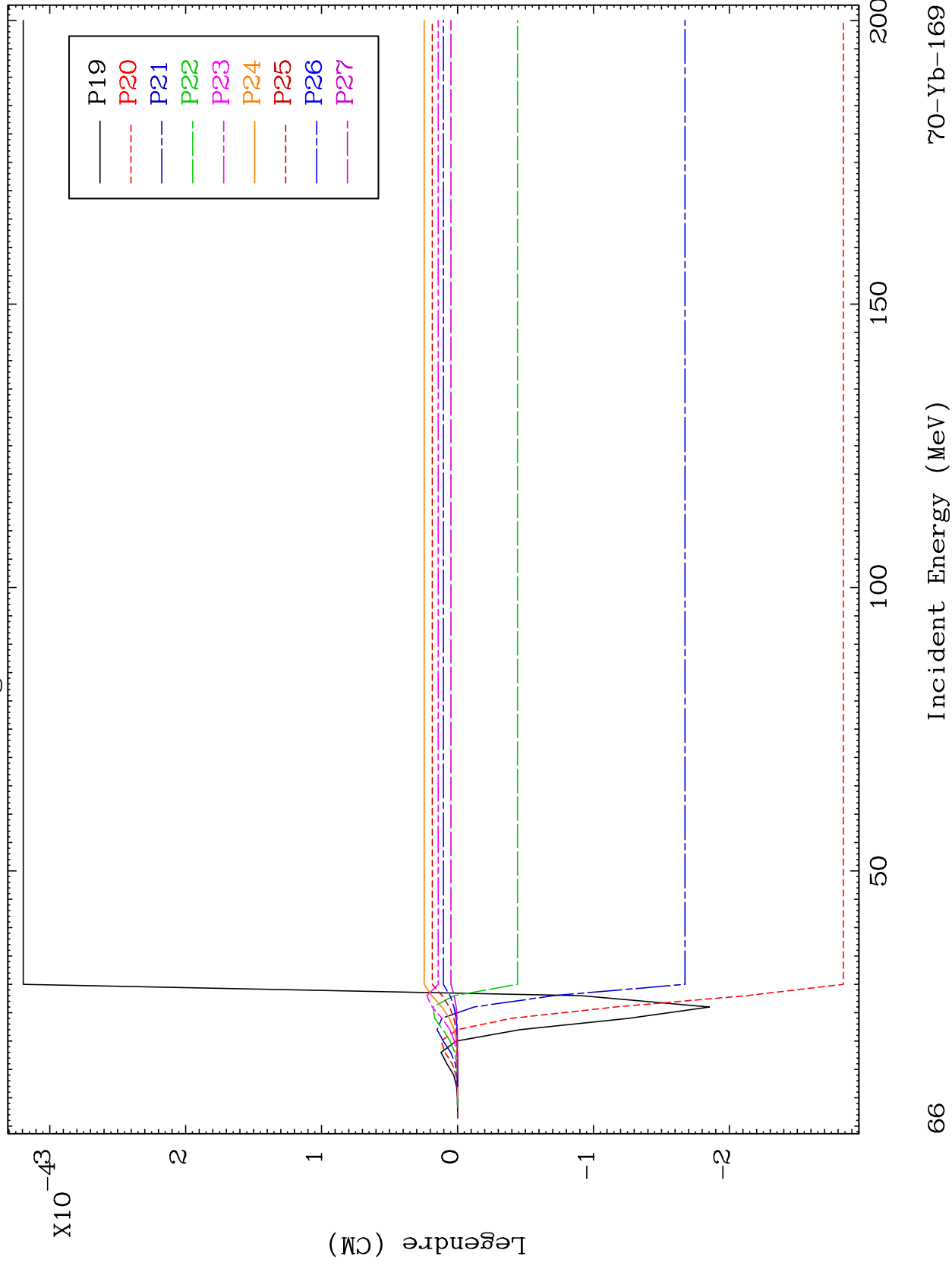
70-Yb-169

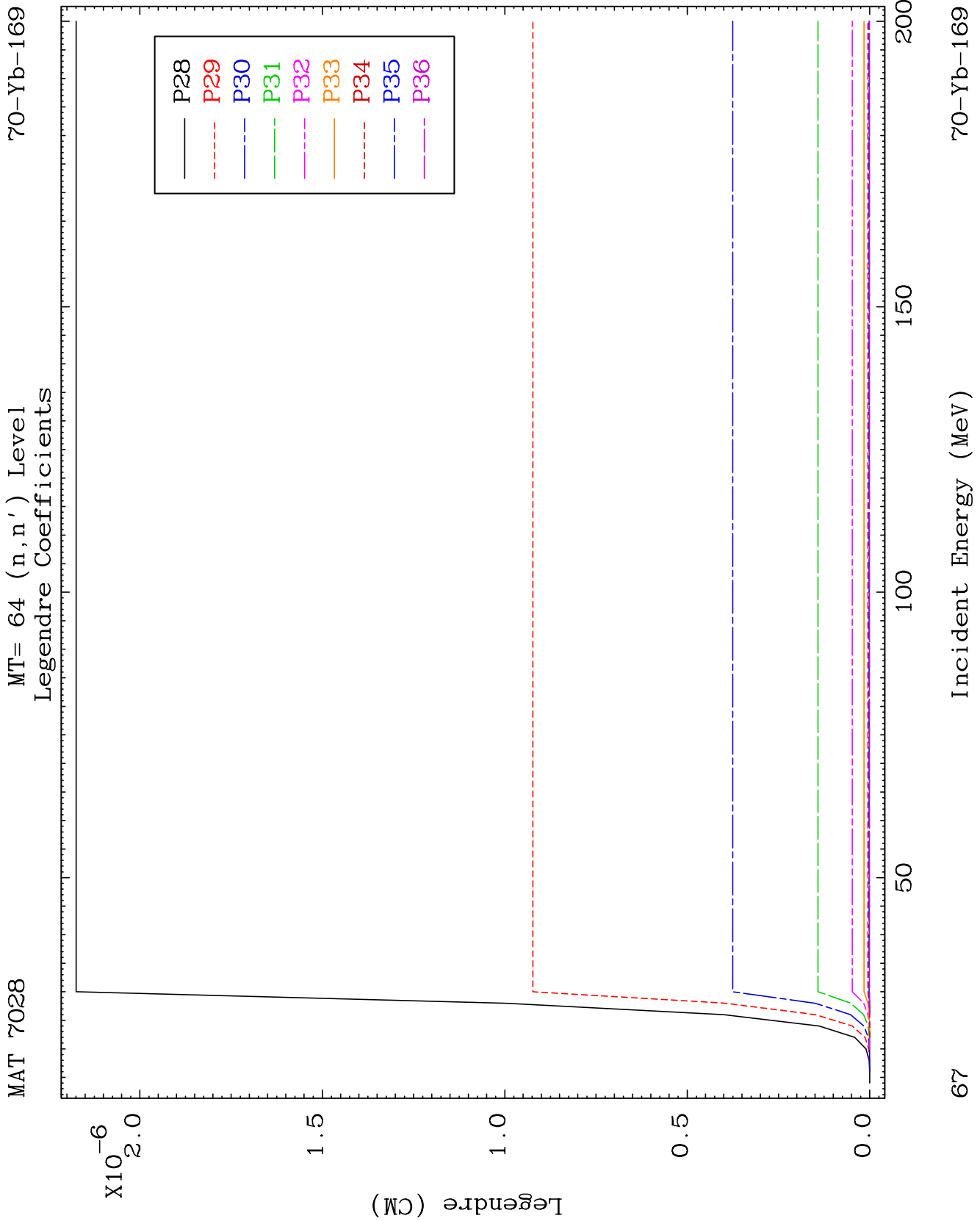


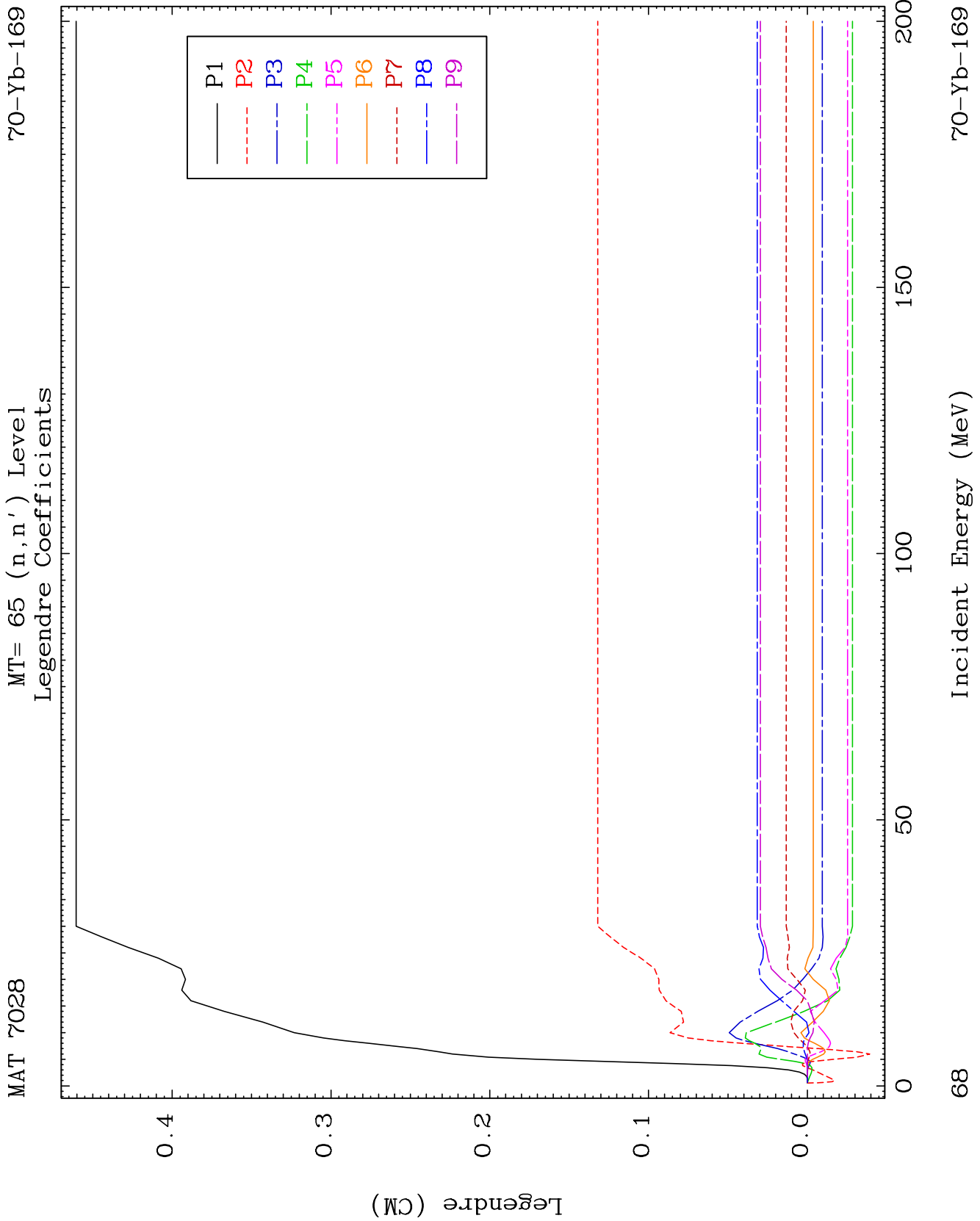
MAT 7028

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

70-Yb-169



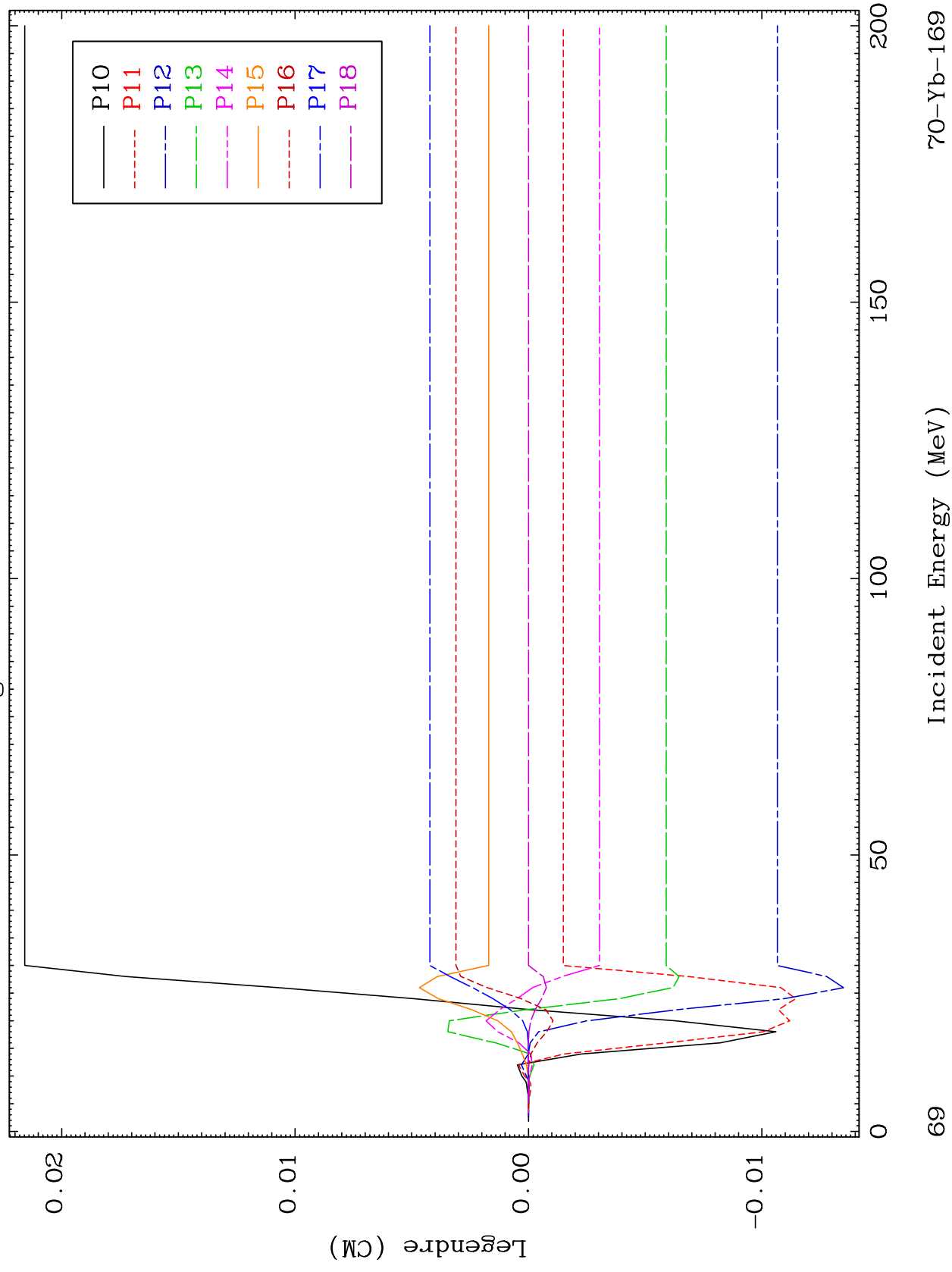


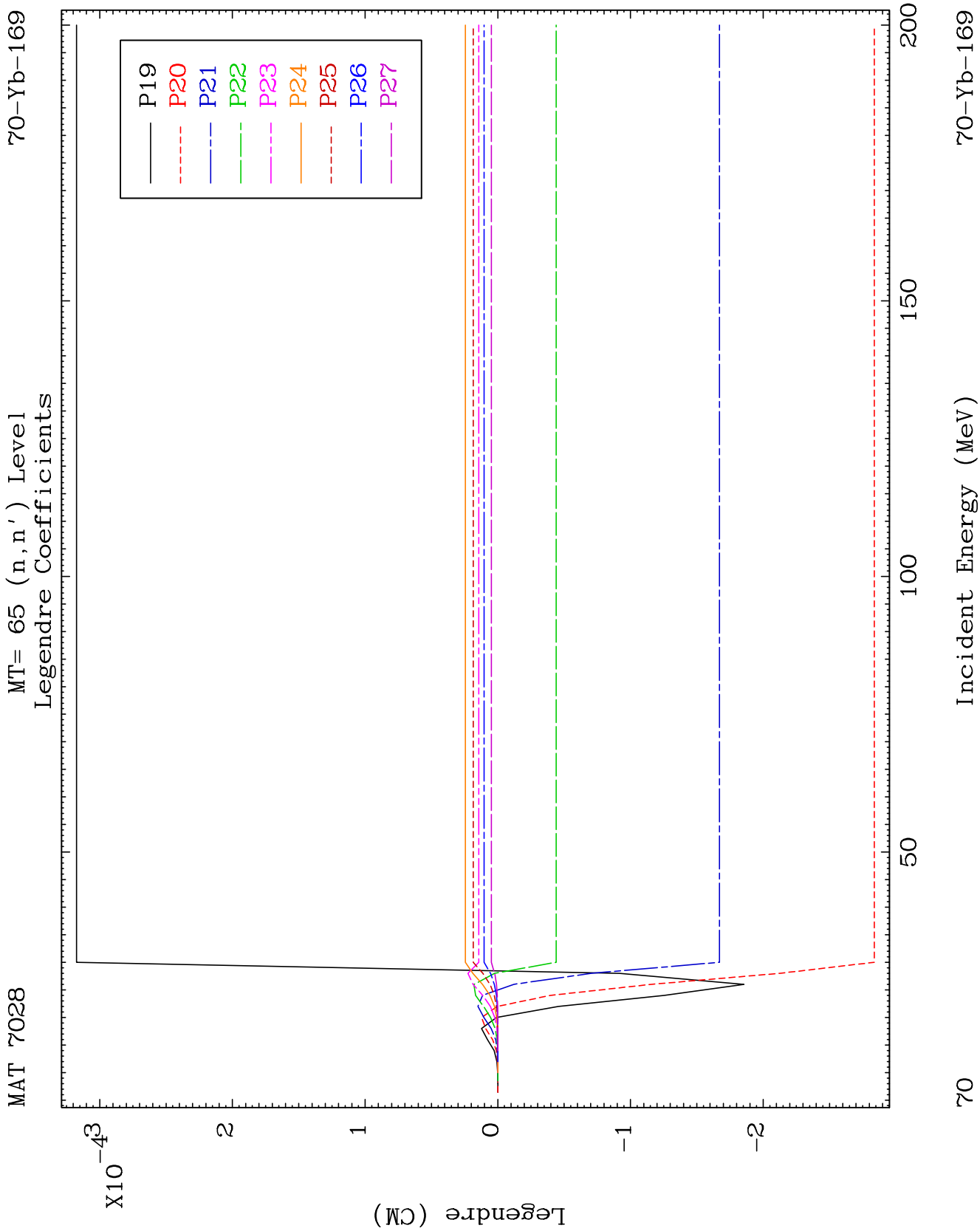


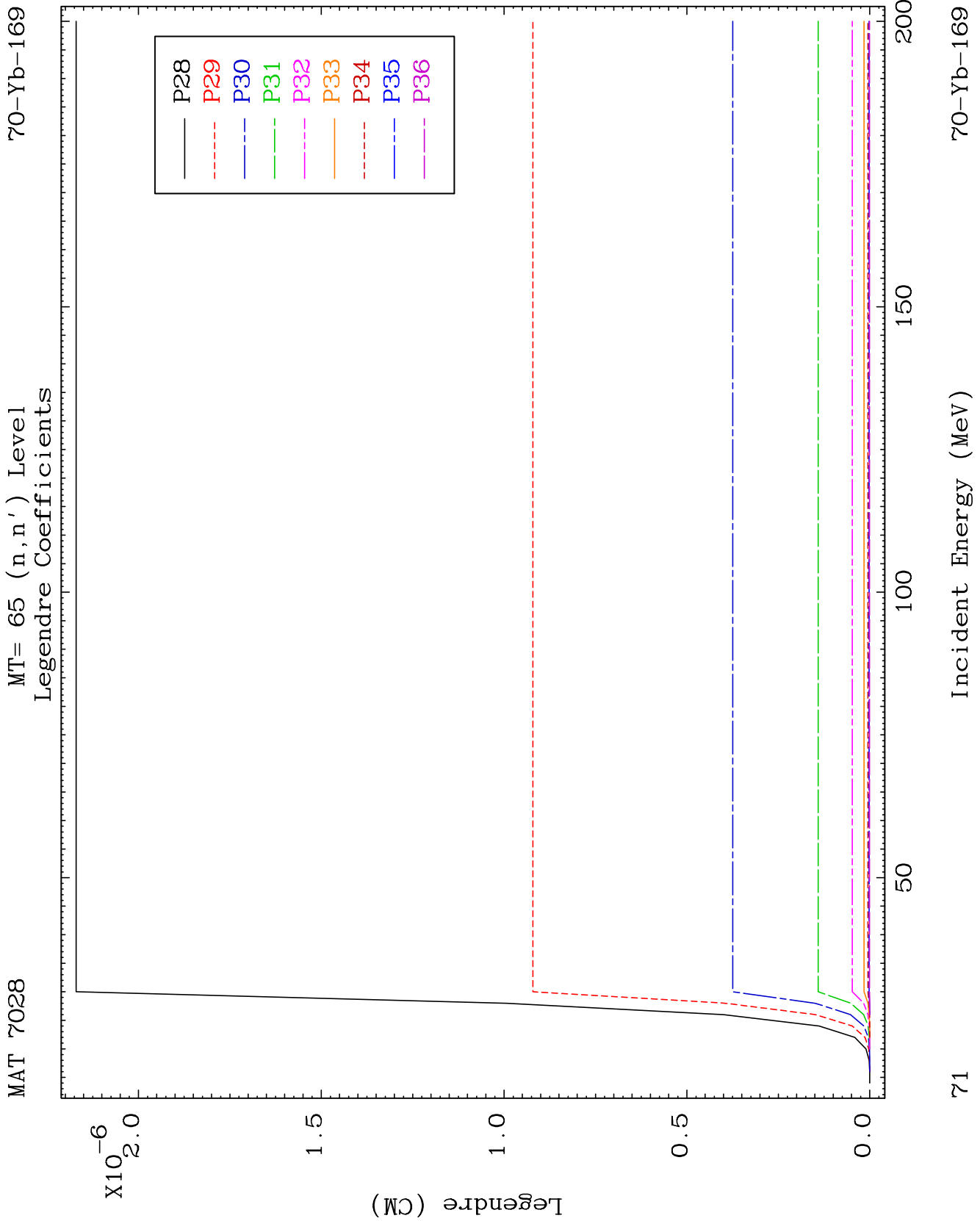
MAT 7028

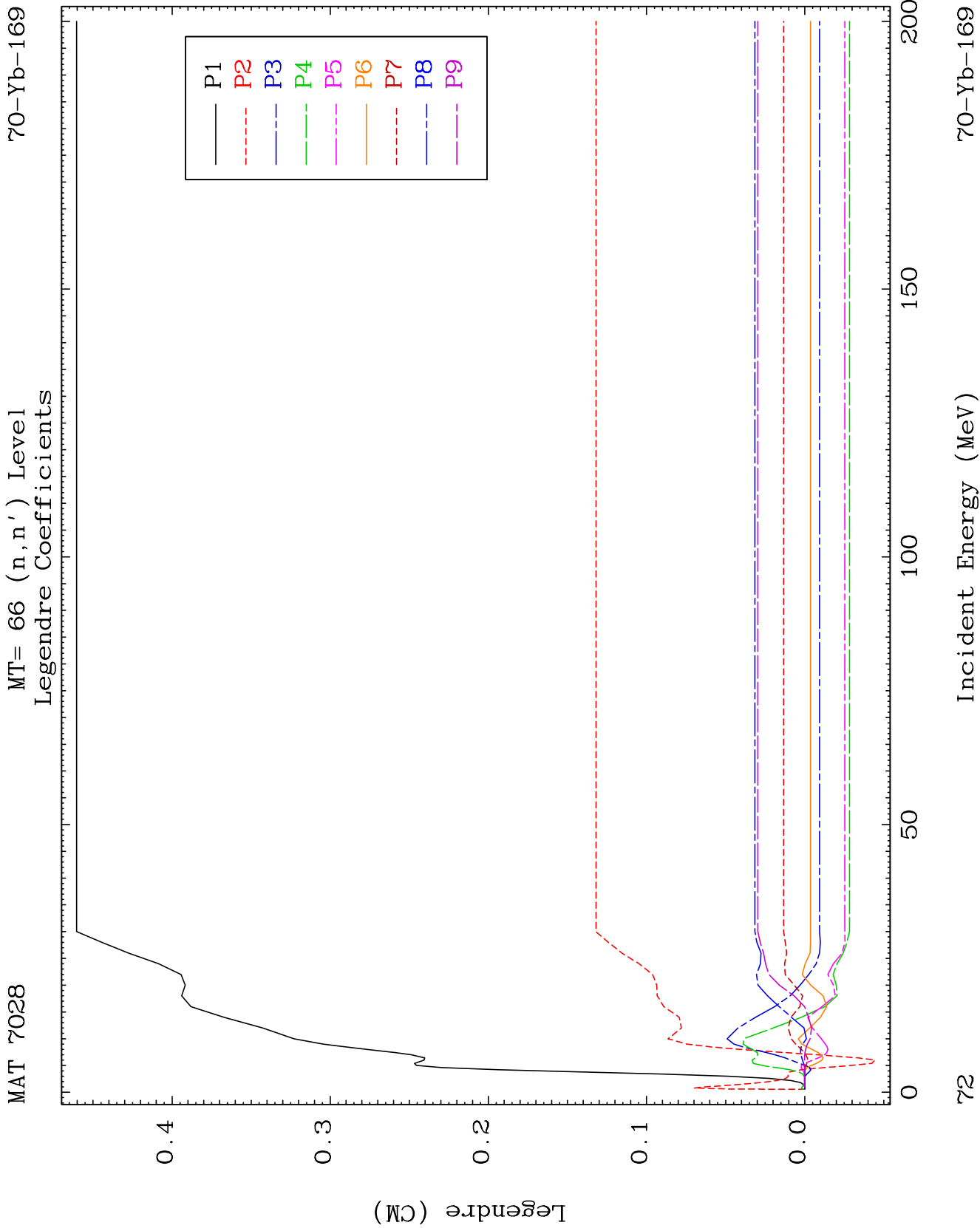
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Legendre Coefficients

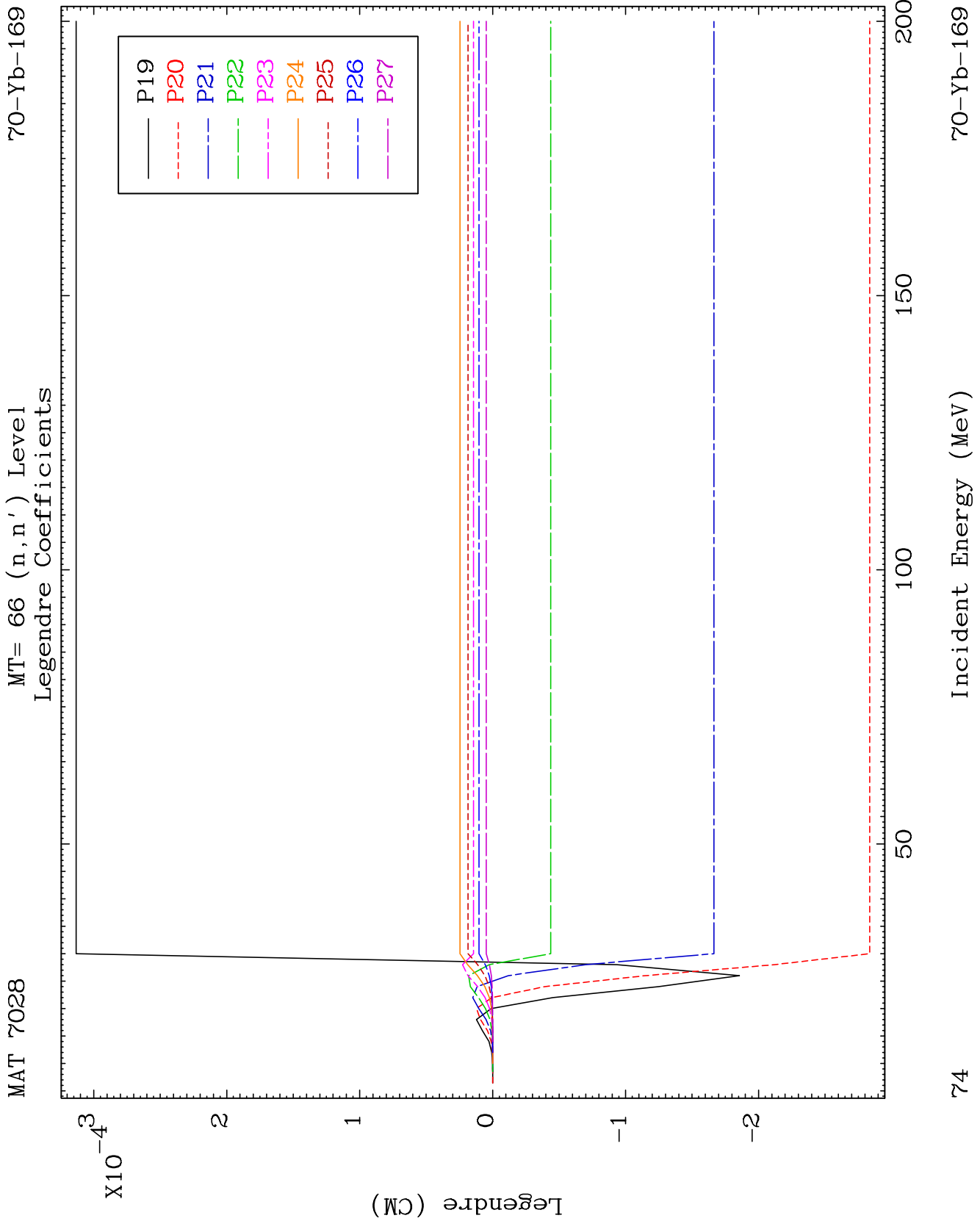
70-Yb-169

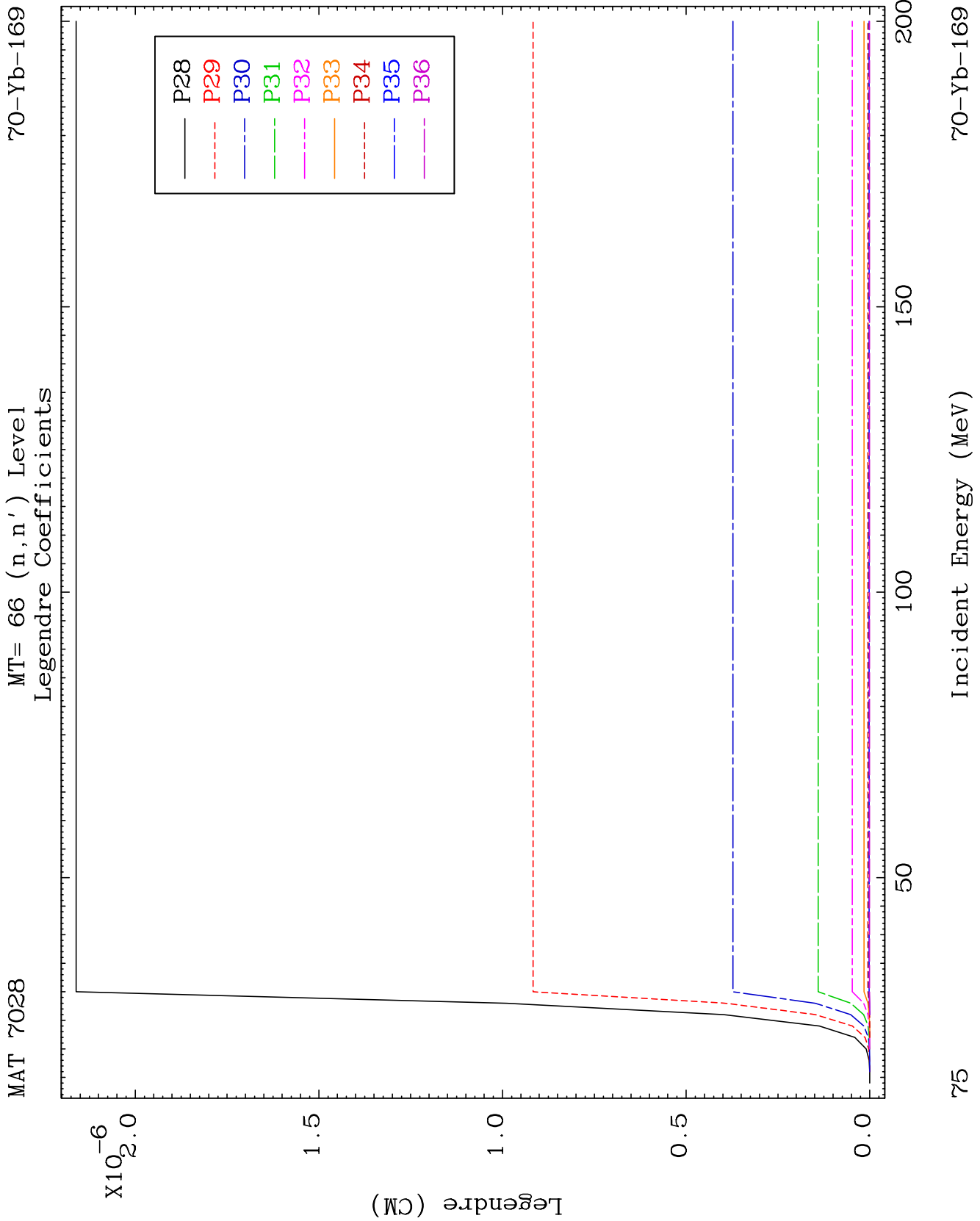


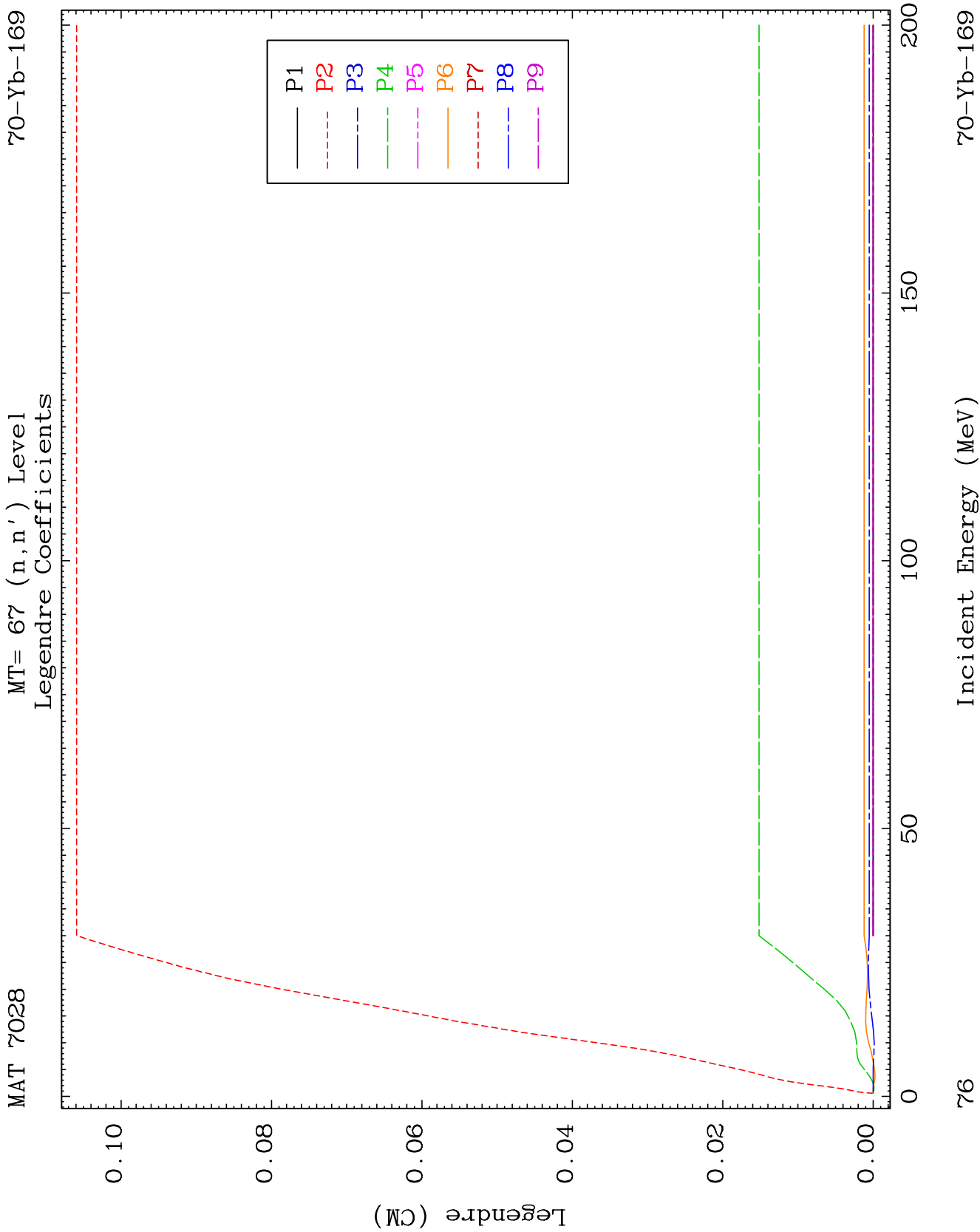


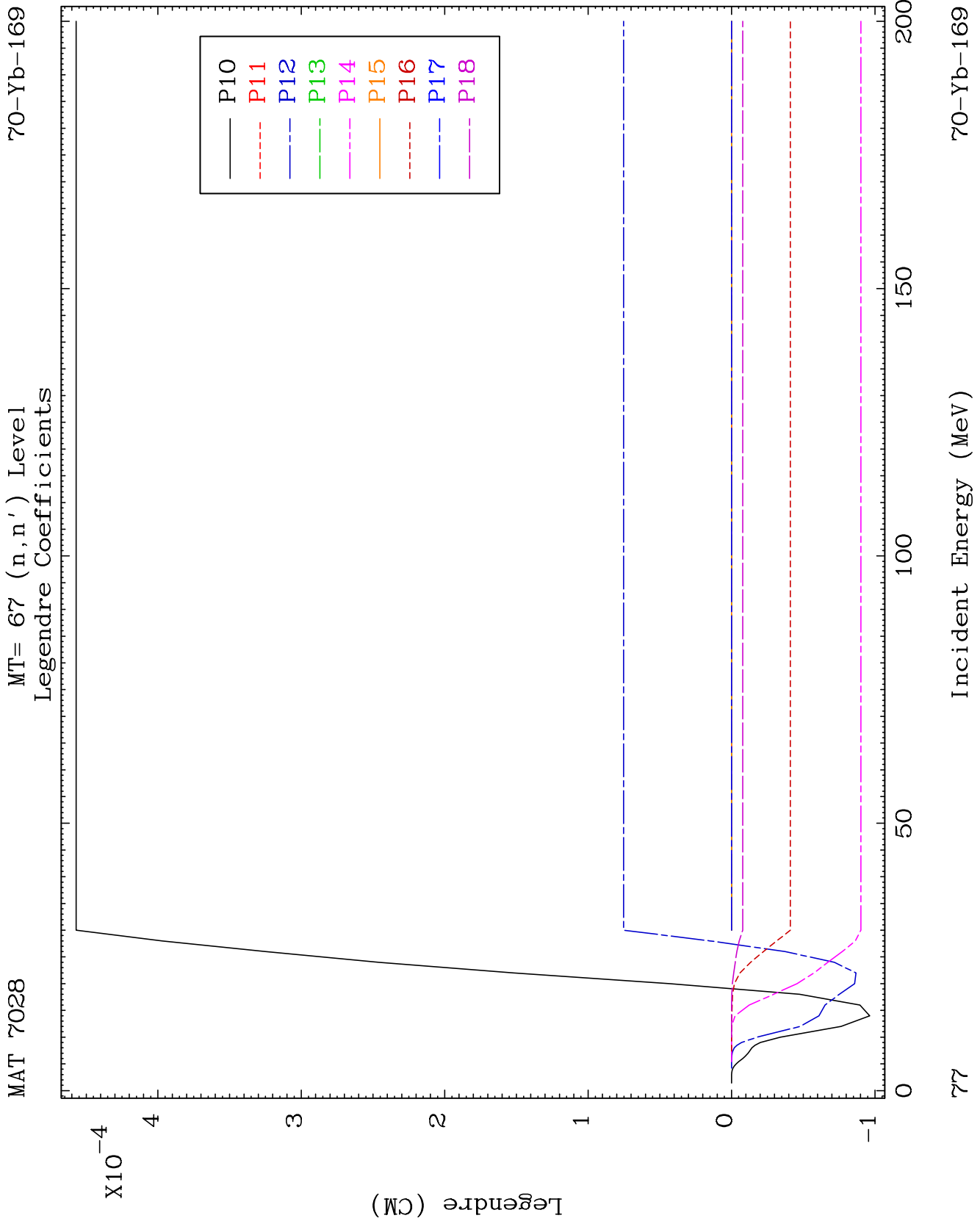


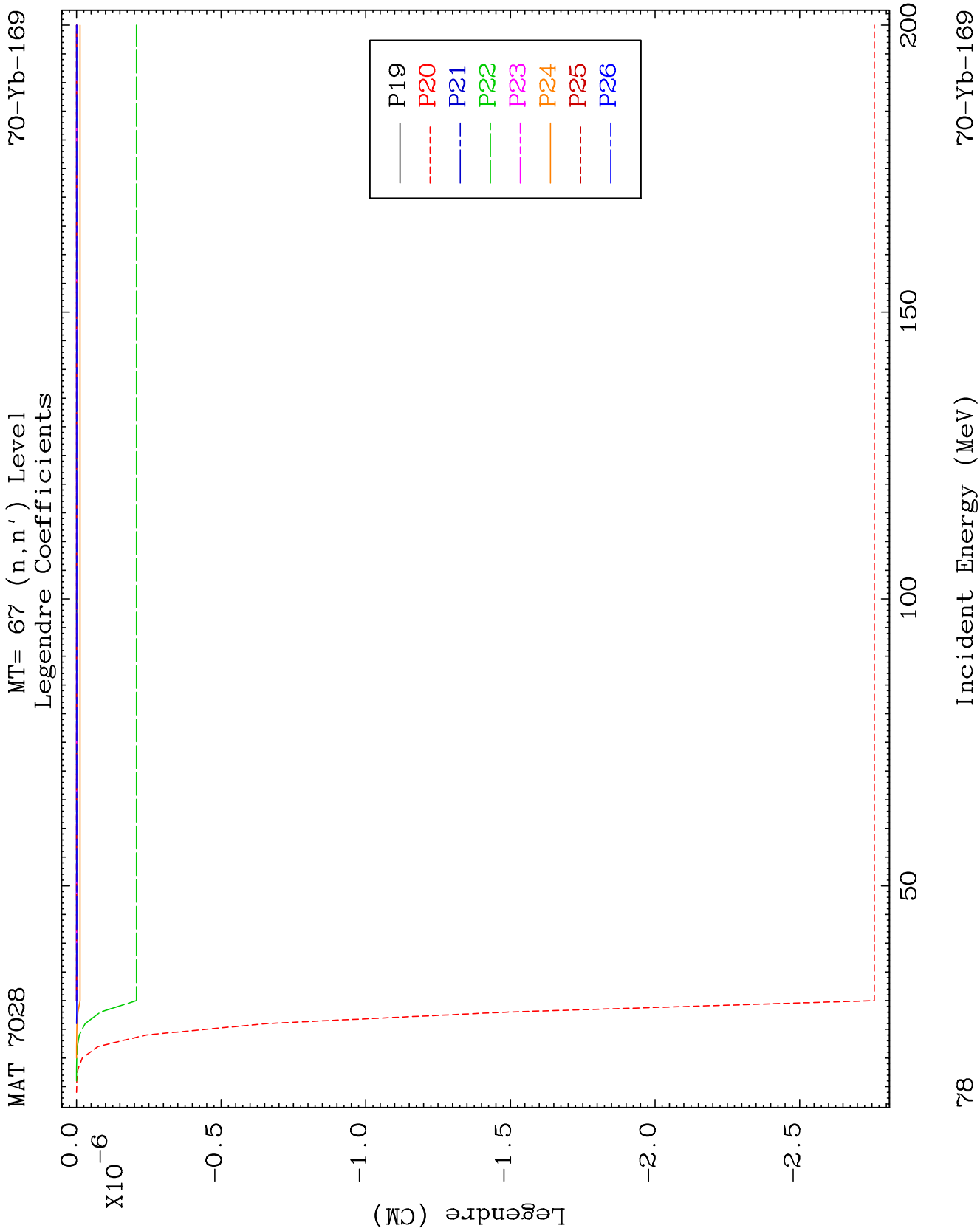


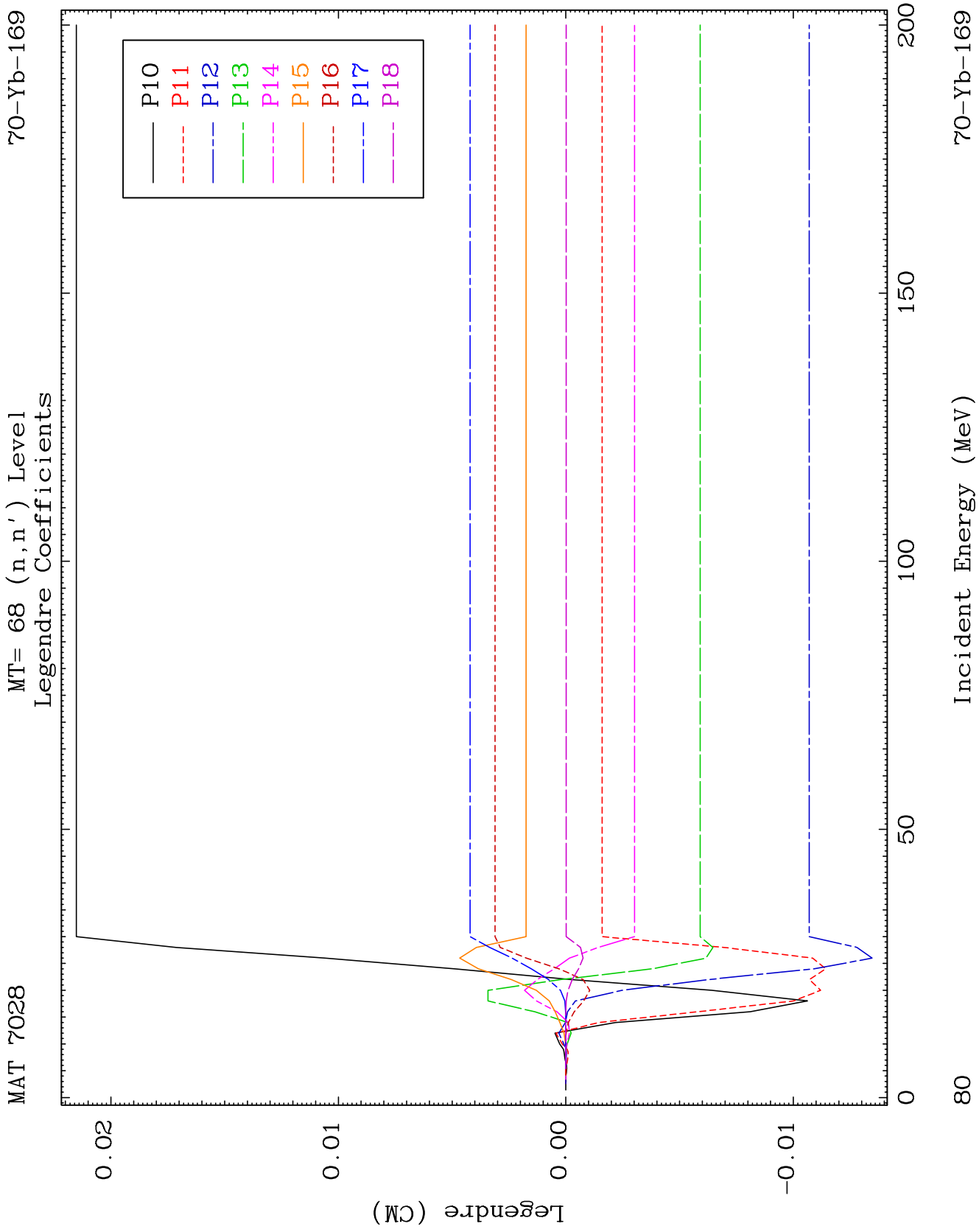


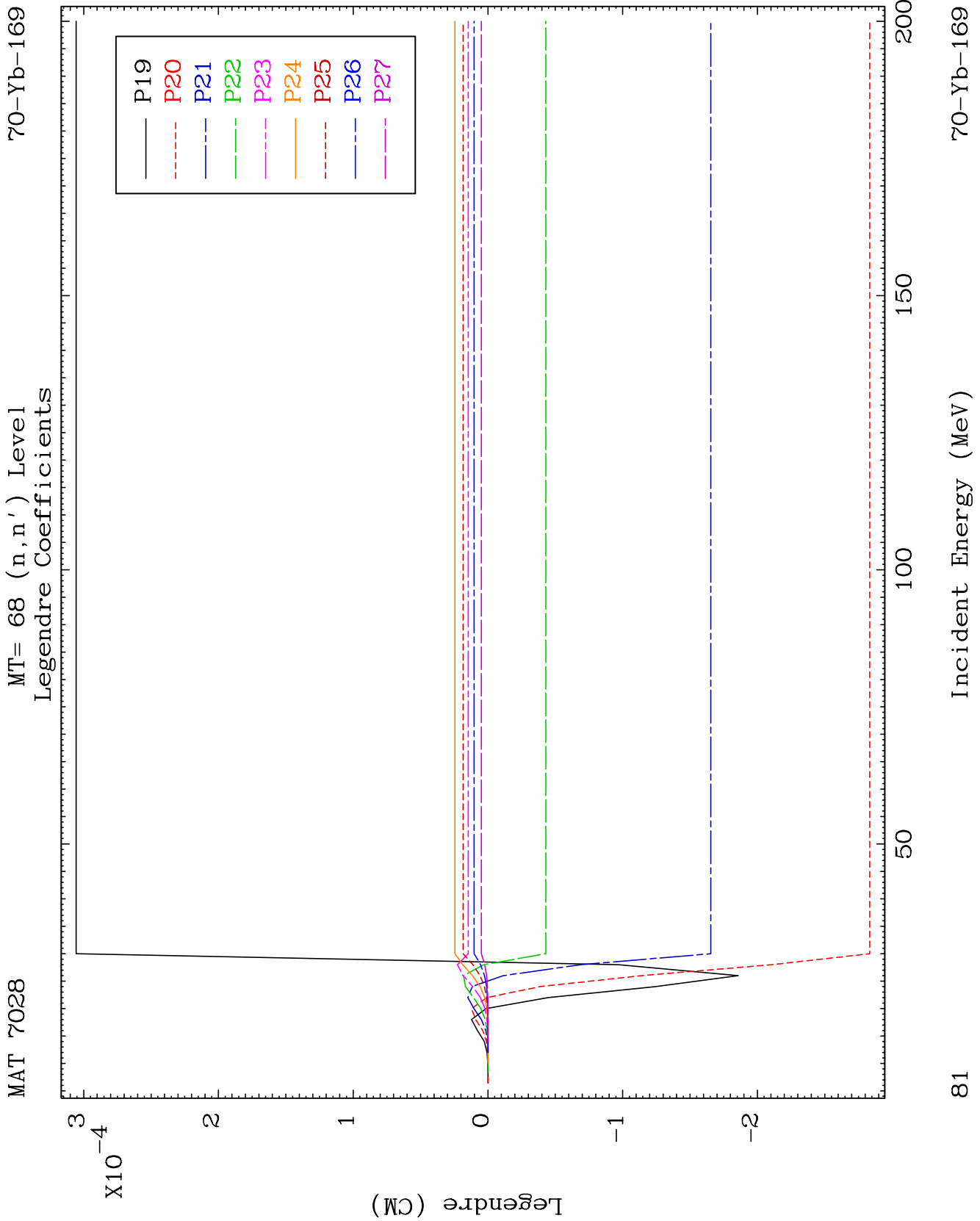


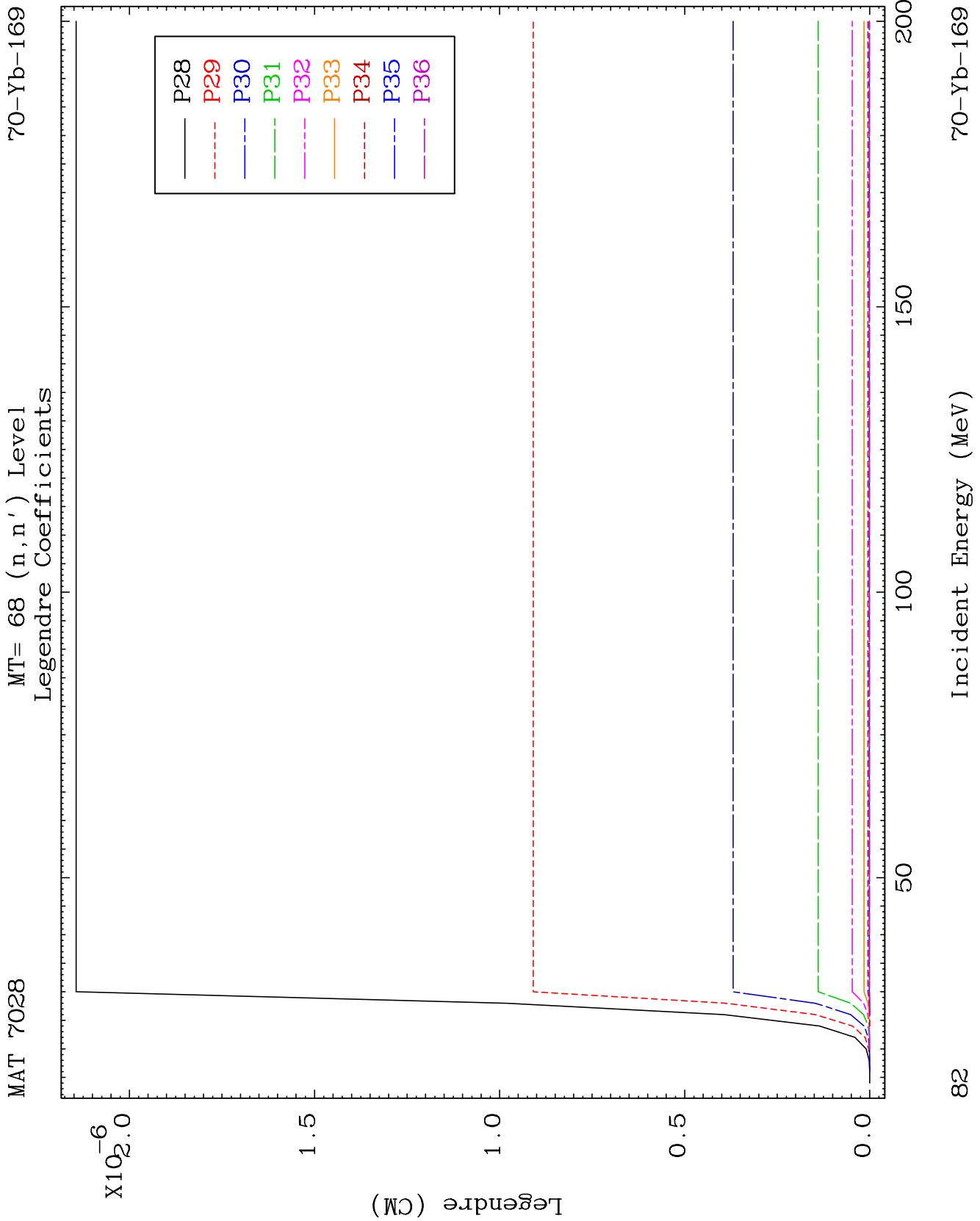


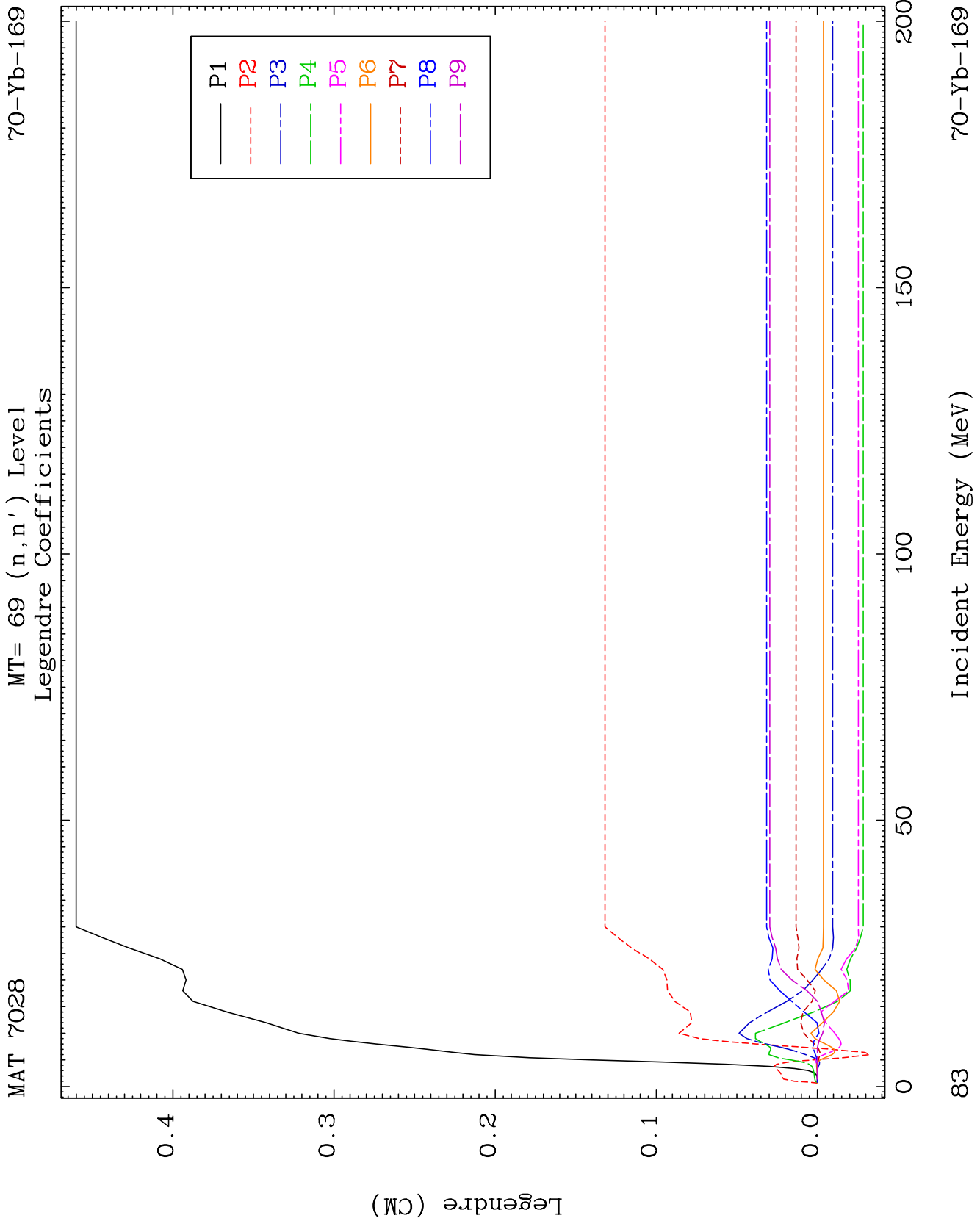








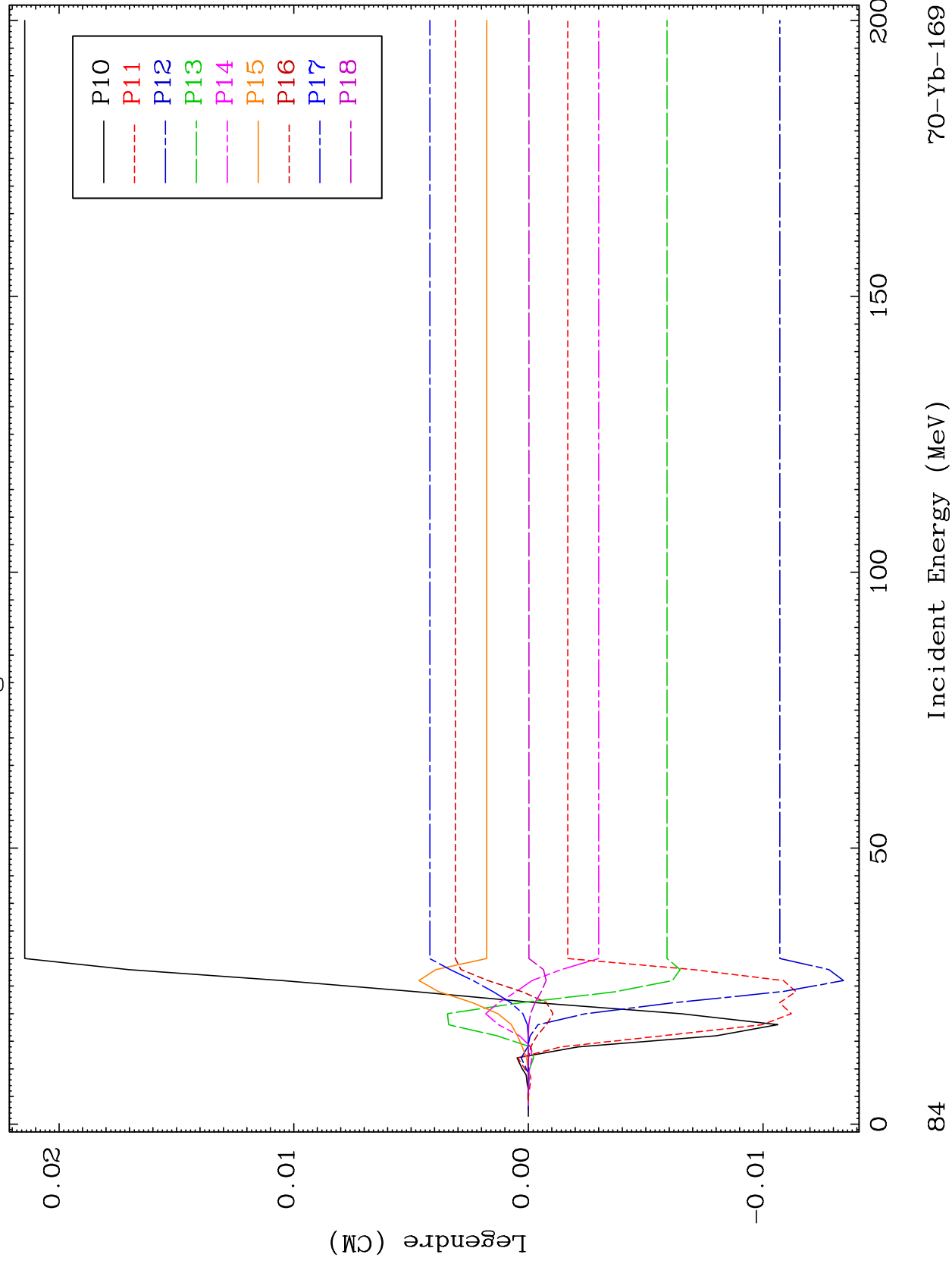


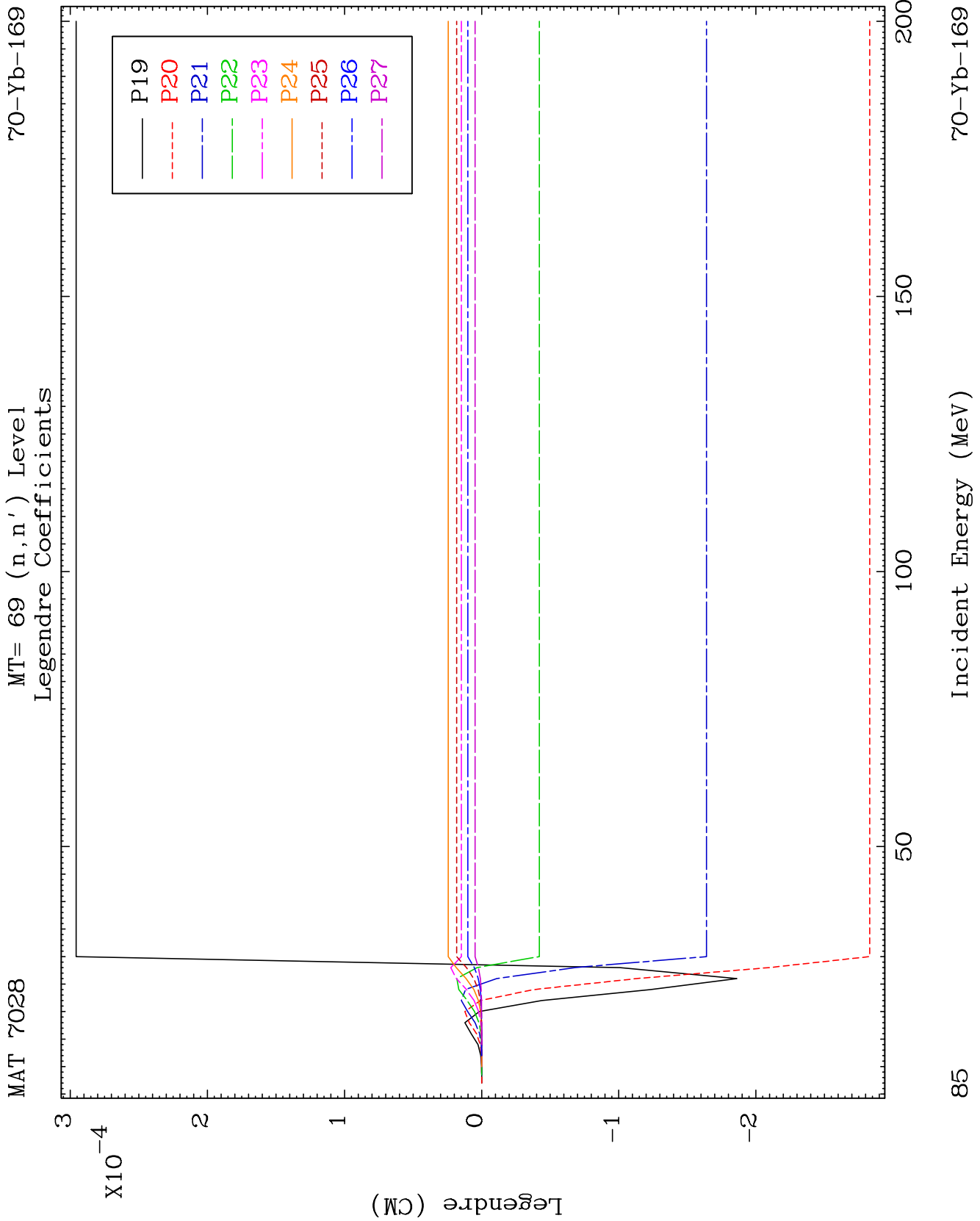


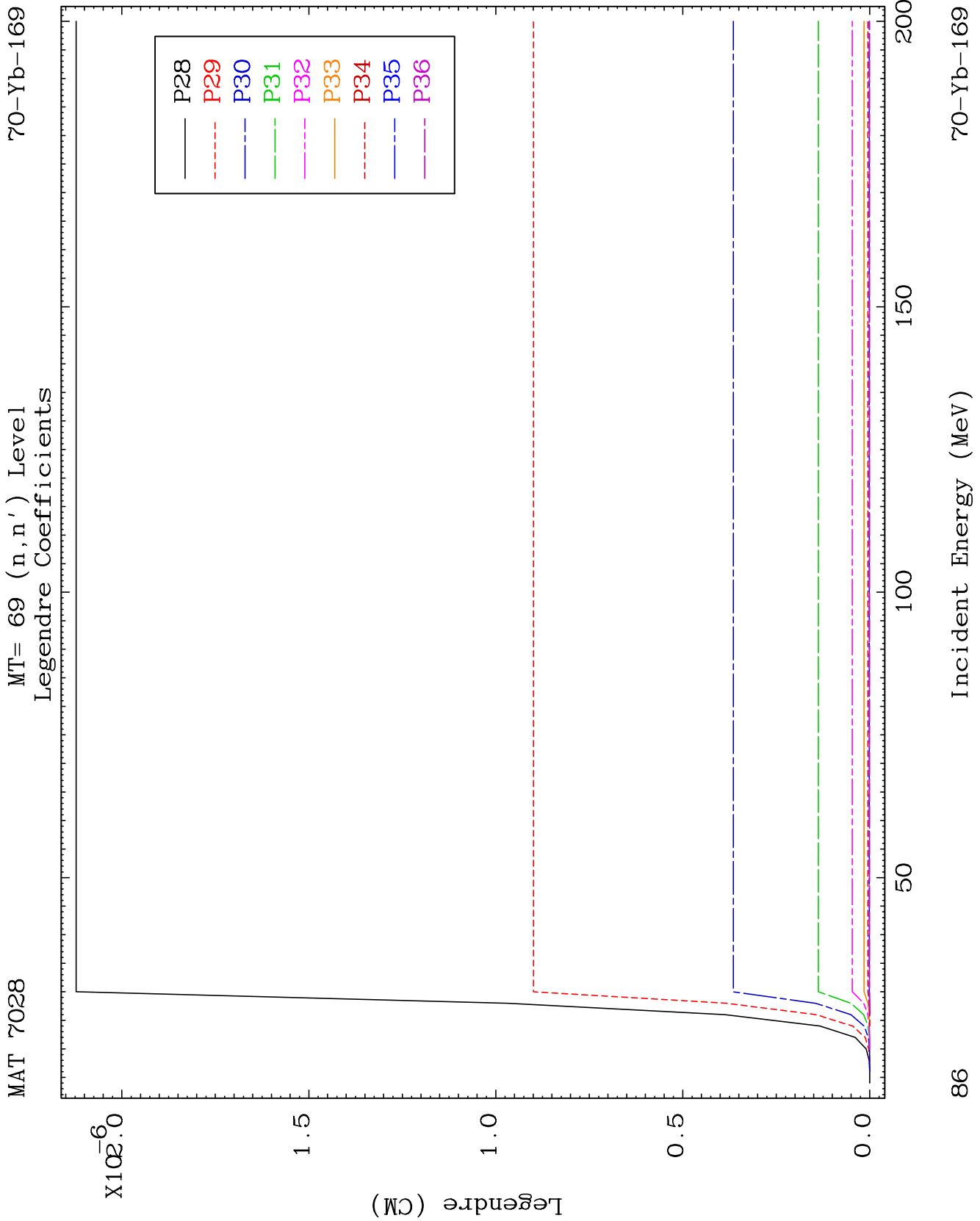
MAT 7028

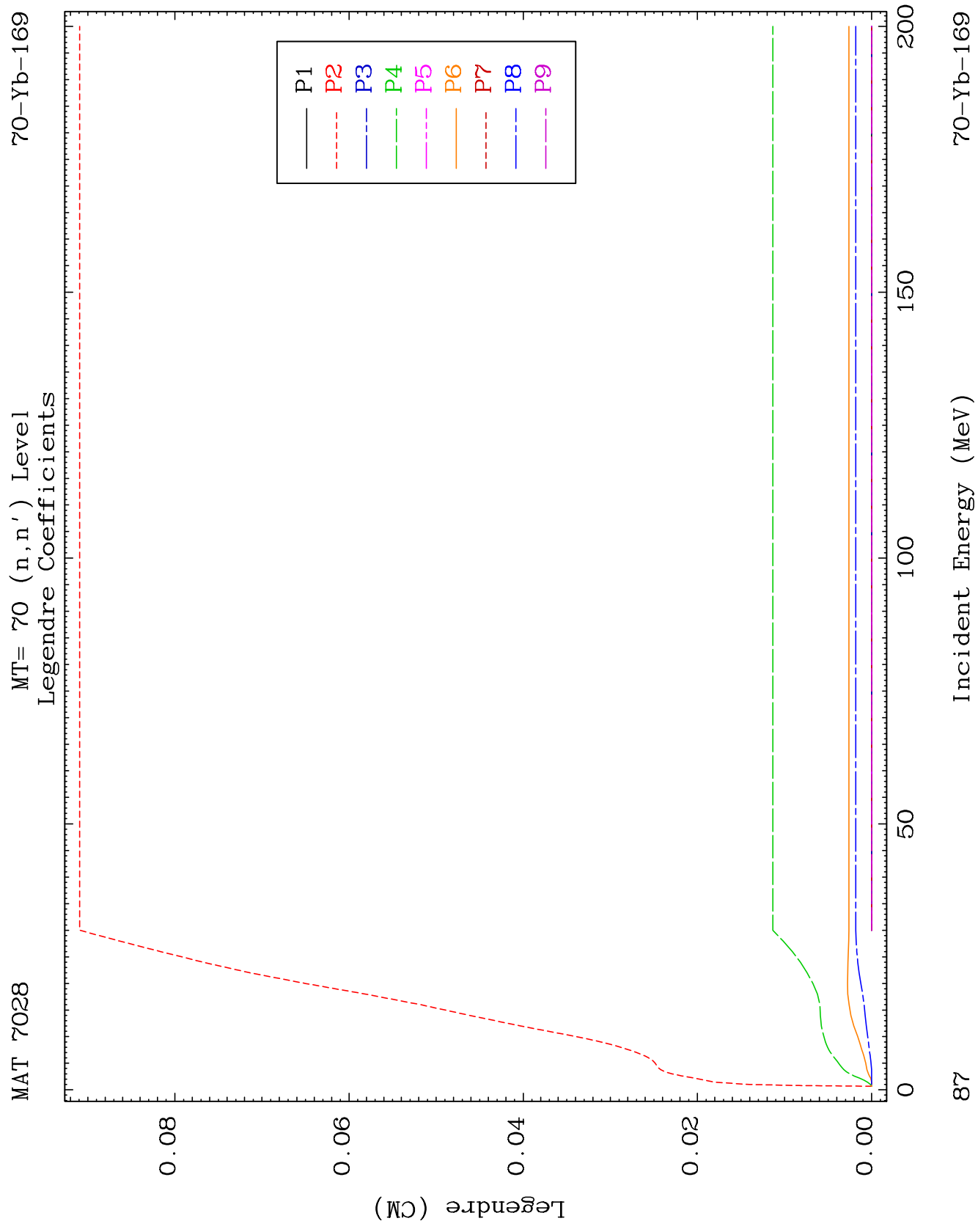
MT= 69 (n, n') Level
Legendre Coefficients

70-Yb-169





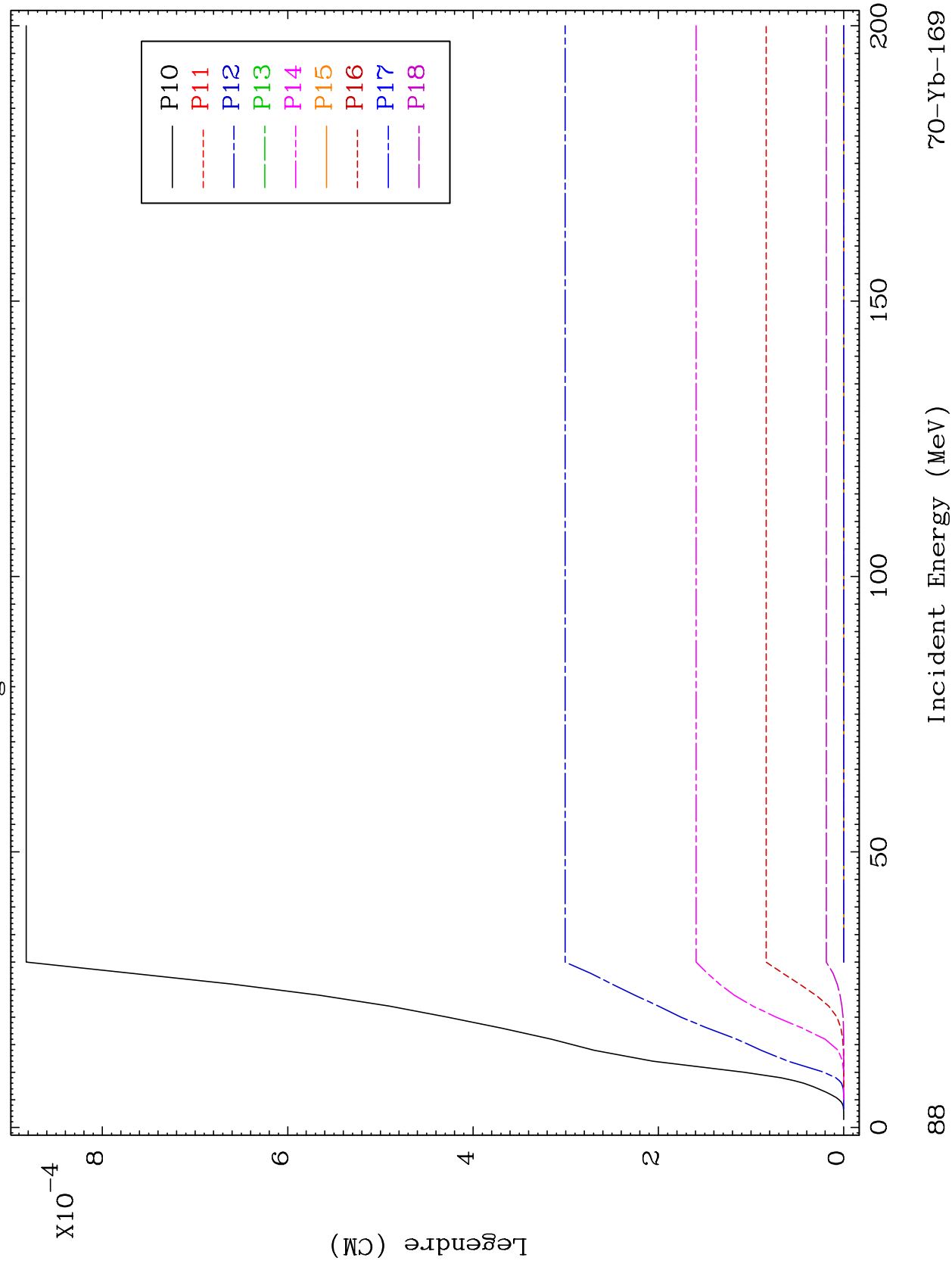




MAT 7028

MT= 70 (n, n') Level
Legendre Coefficients

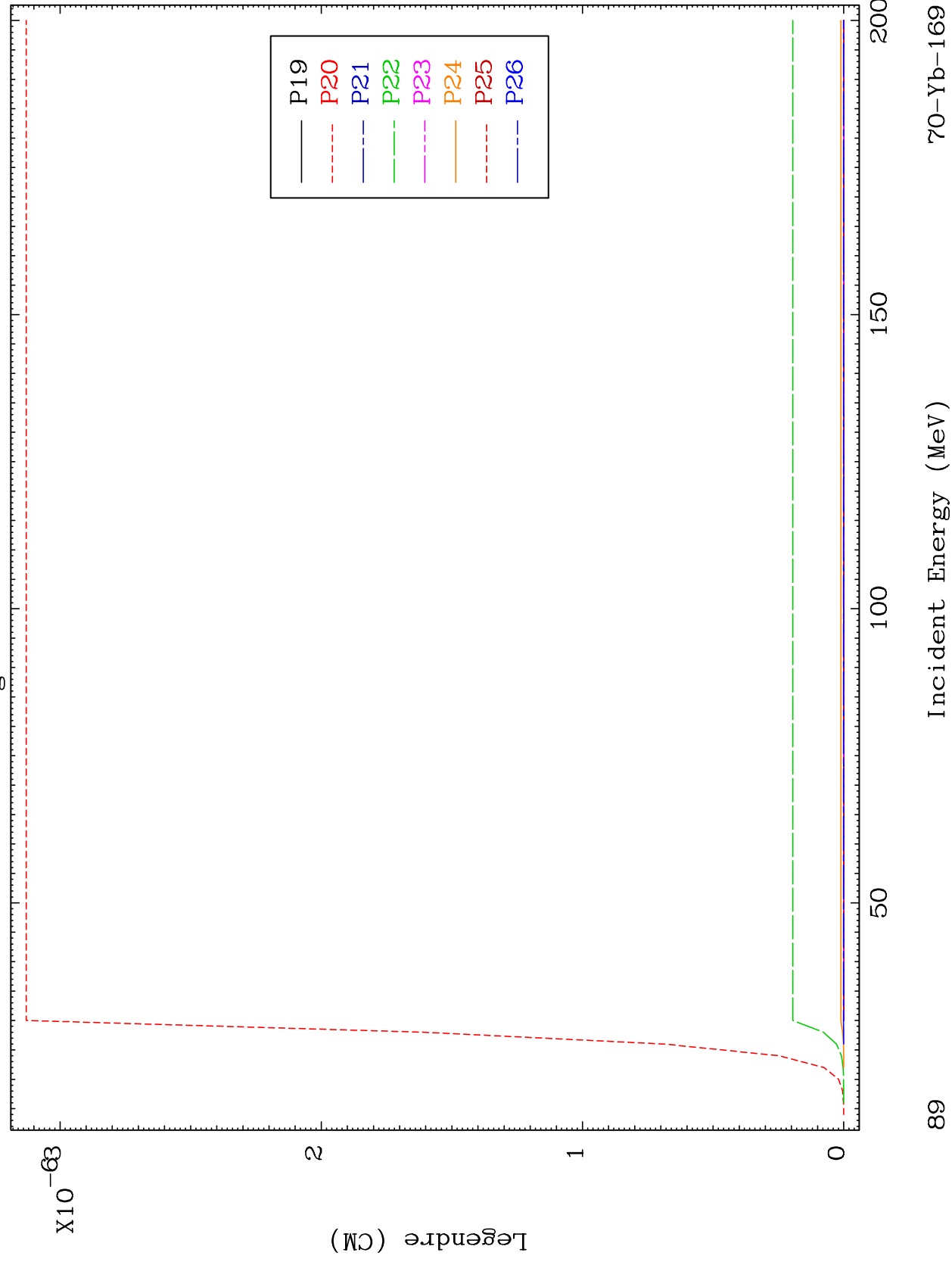
70-Yb-169



MAT 7028

MT= 70 (n, n') Level
Legendre Coefficients

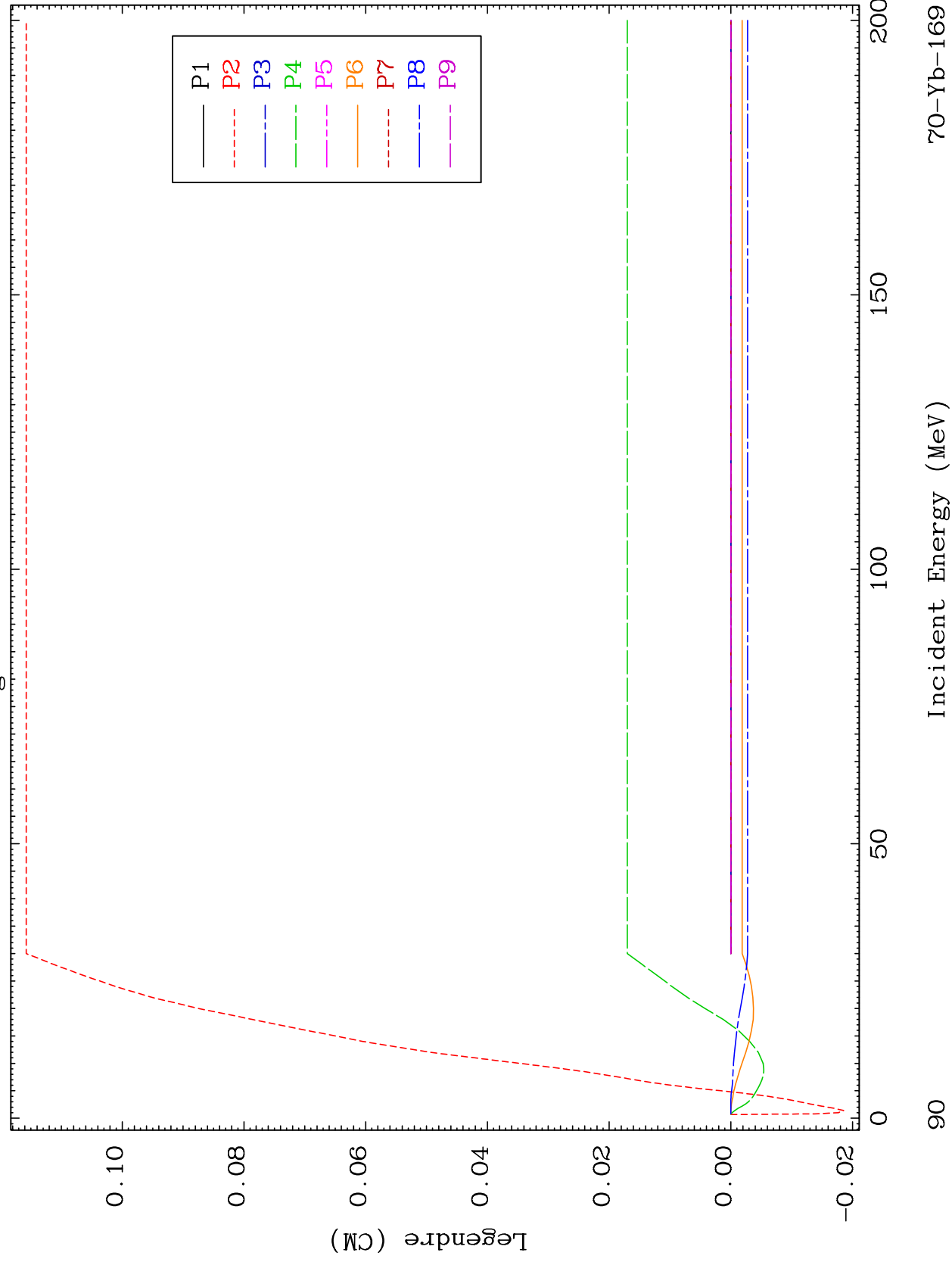
70-Yb-169

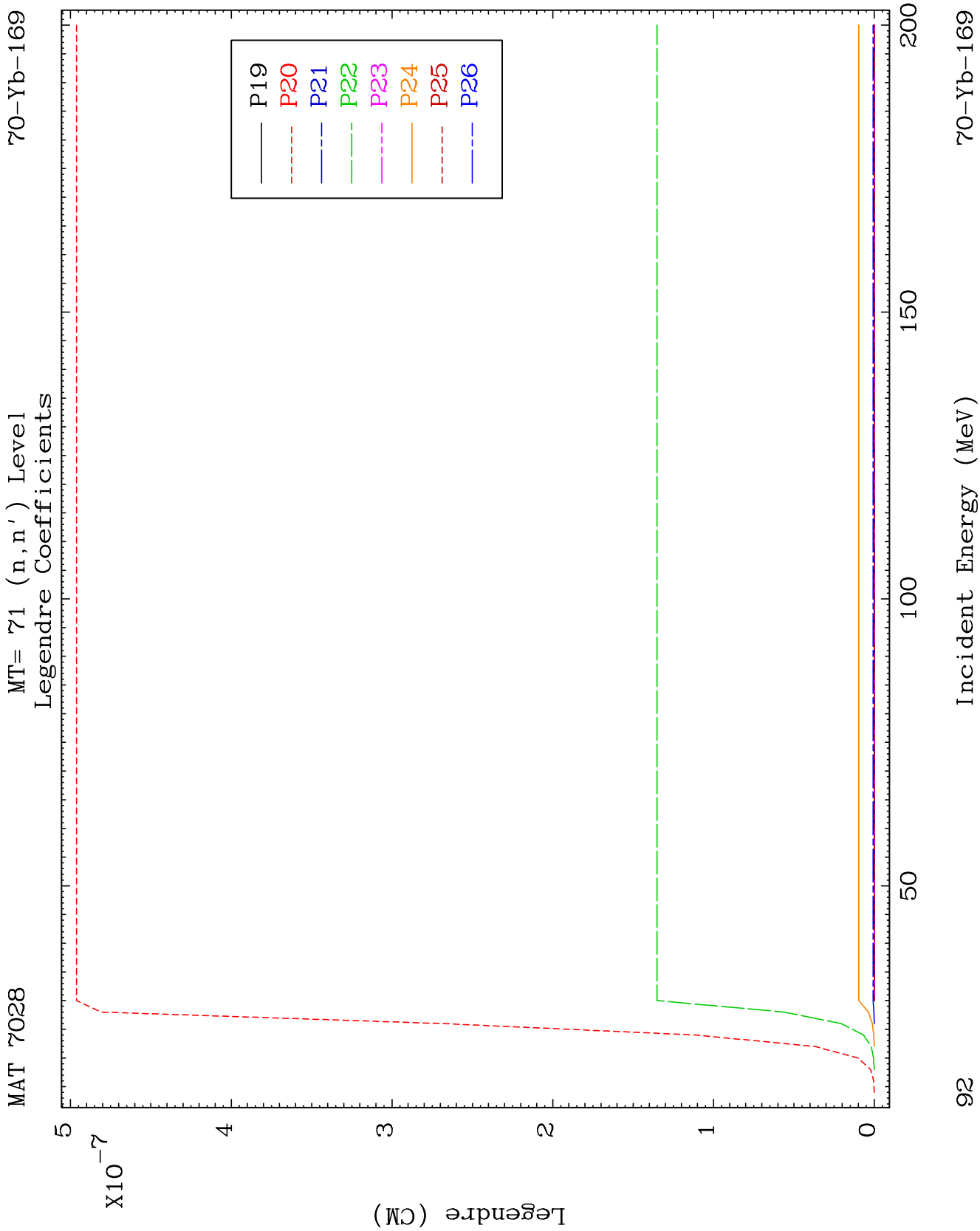


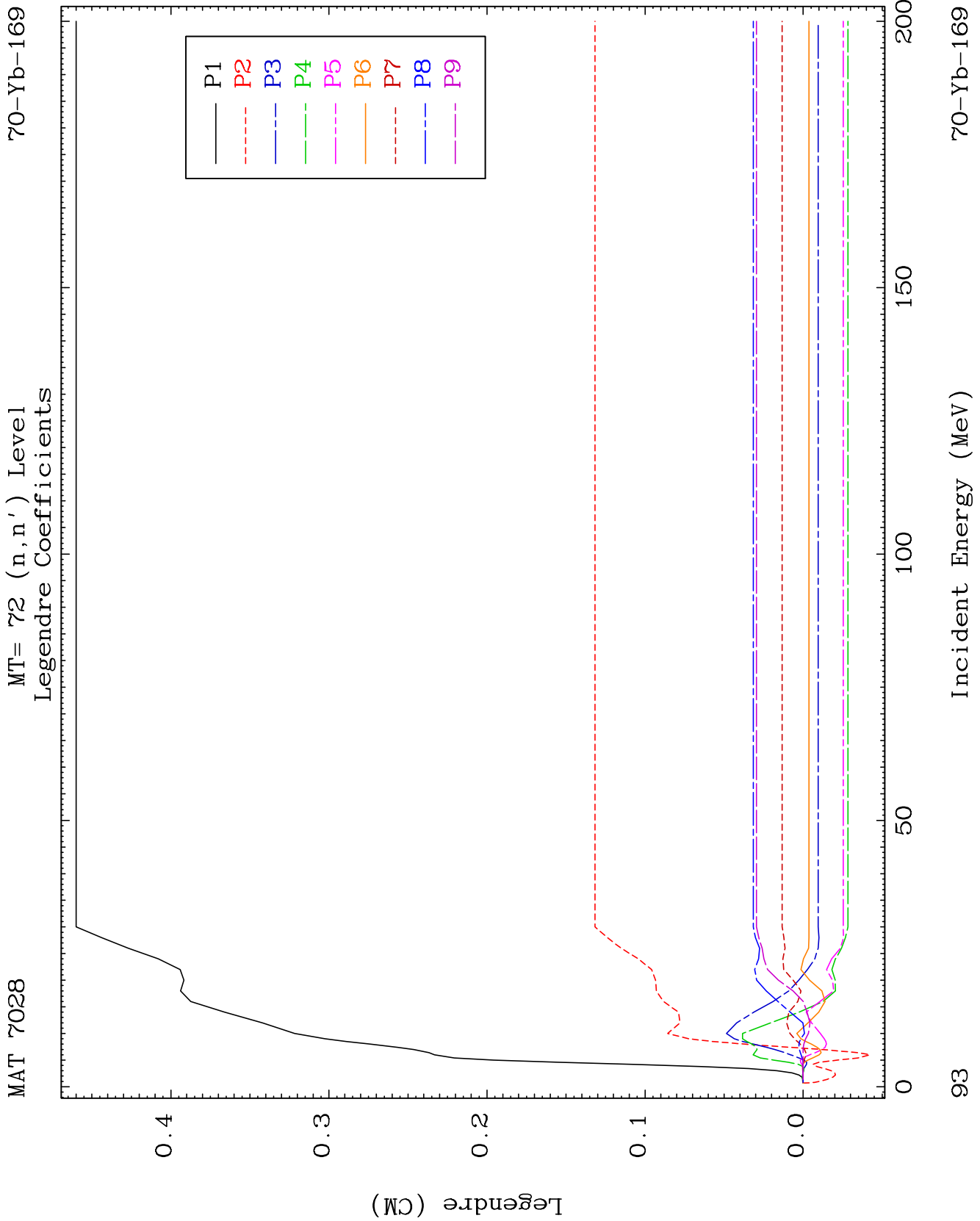
MAT 7028

MT= 71 (n, n') Level
Legendre Coefficients

70-Yb-169



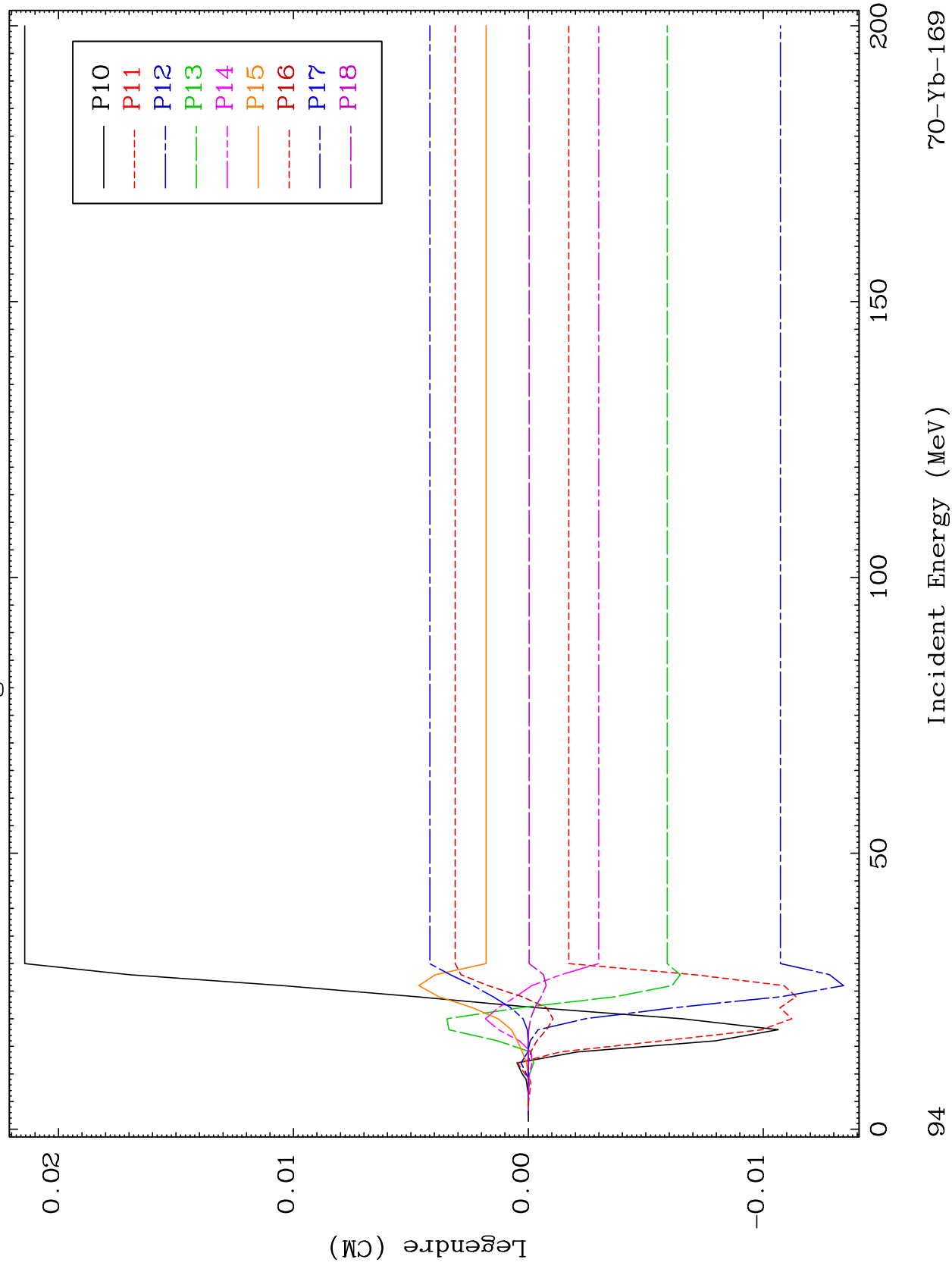


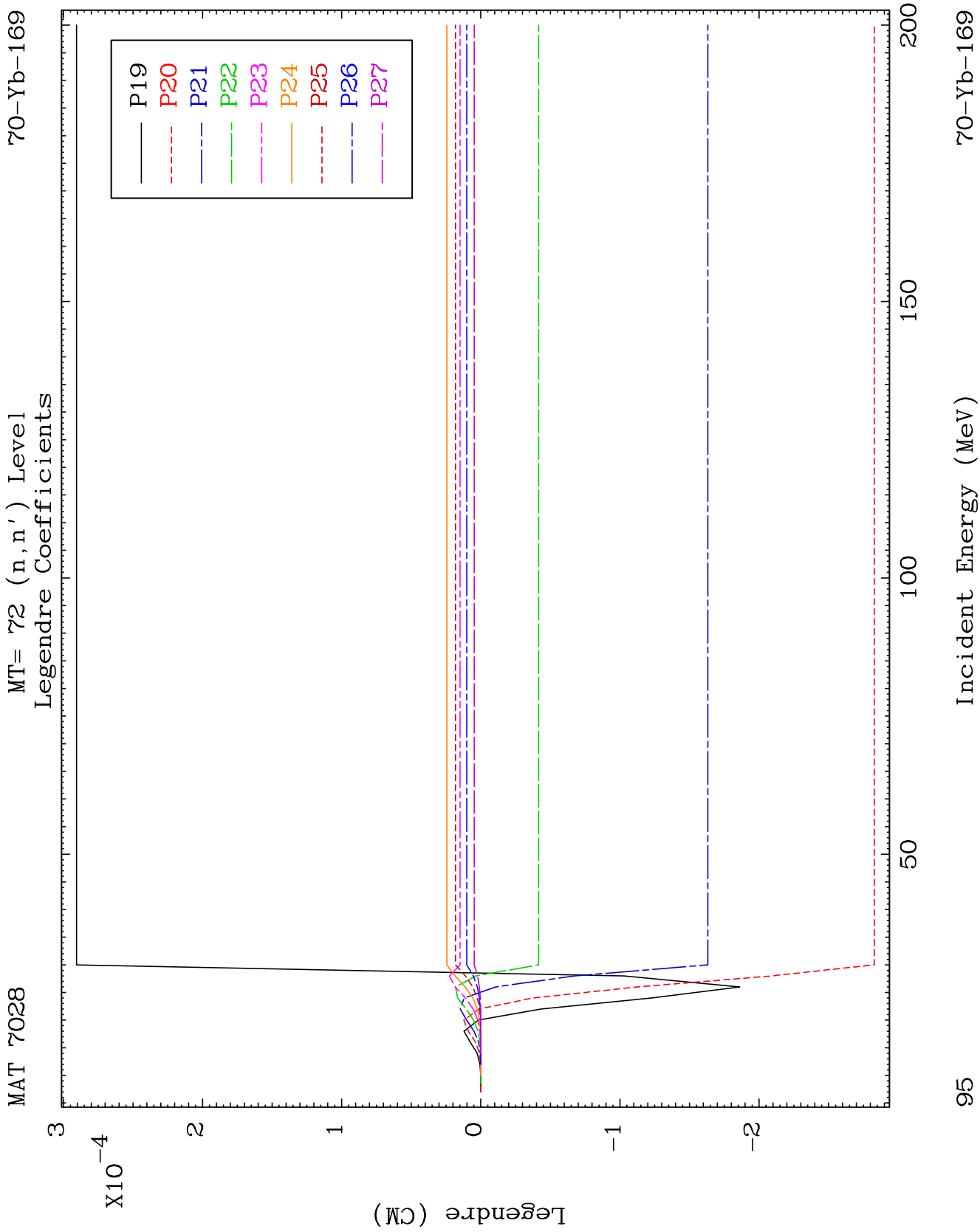


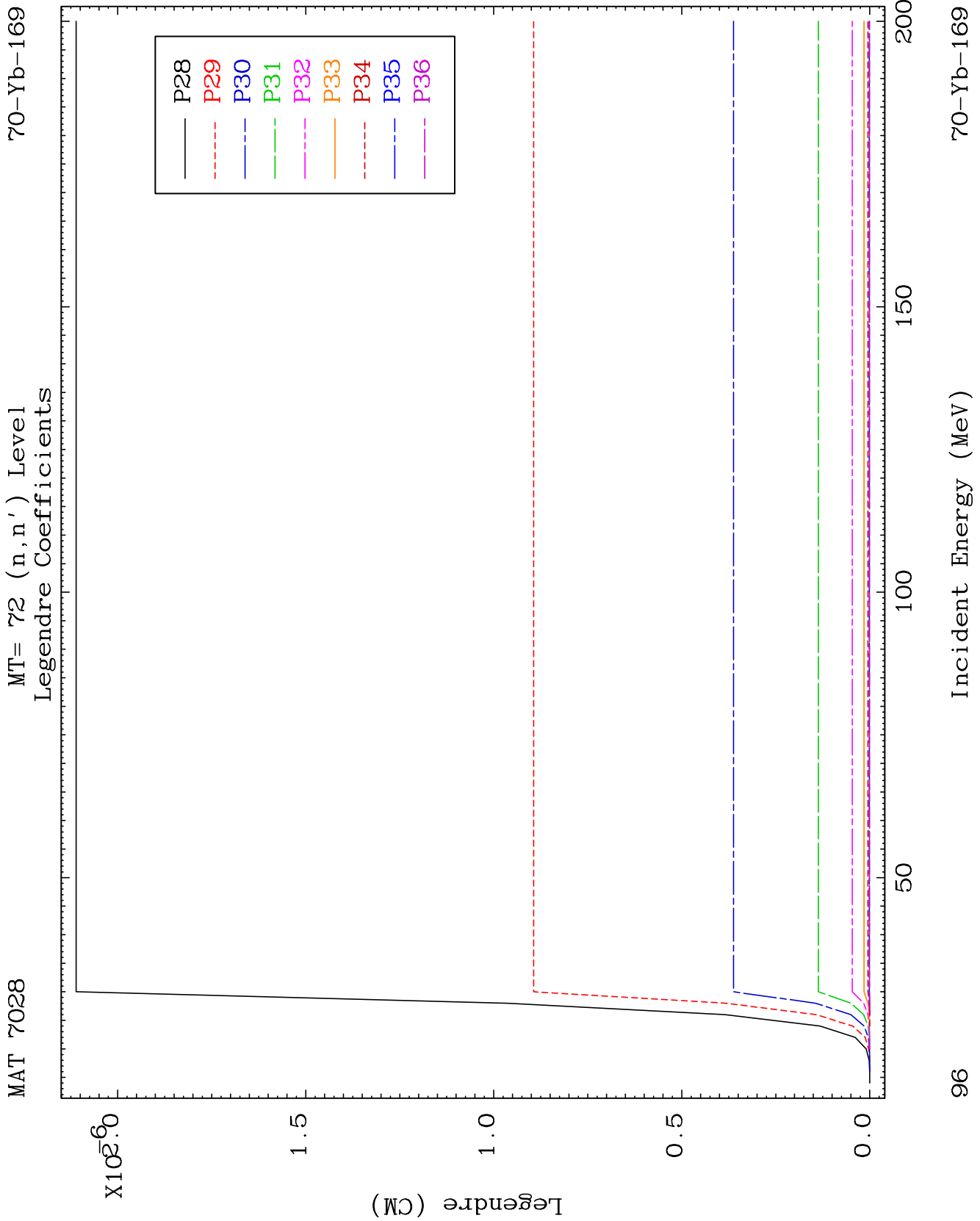
MAT 7028

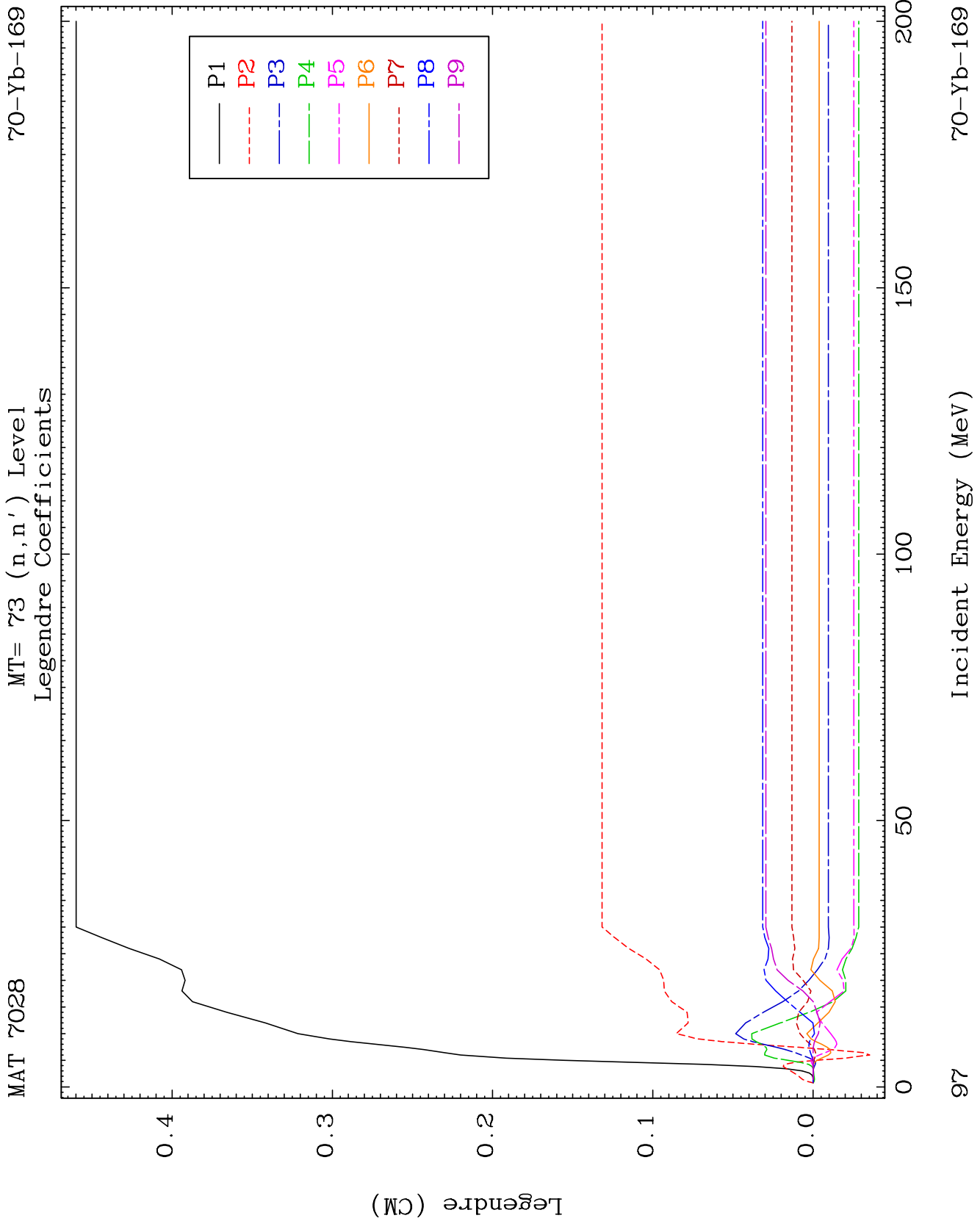
MT= 72 (n, n') Level
Legendre Coefficients

70-Yb-169





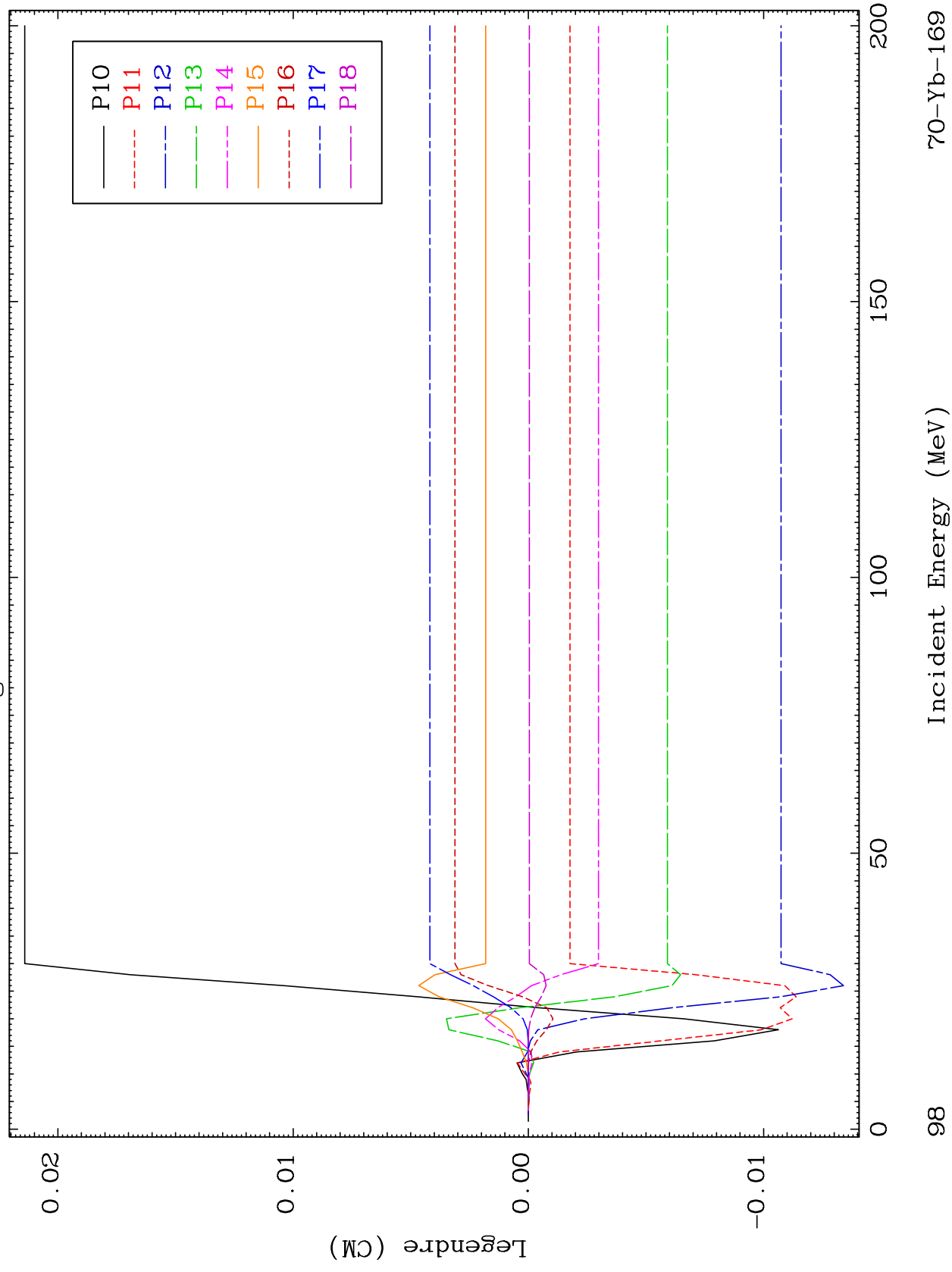


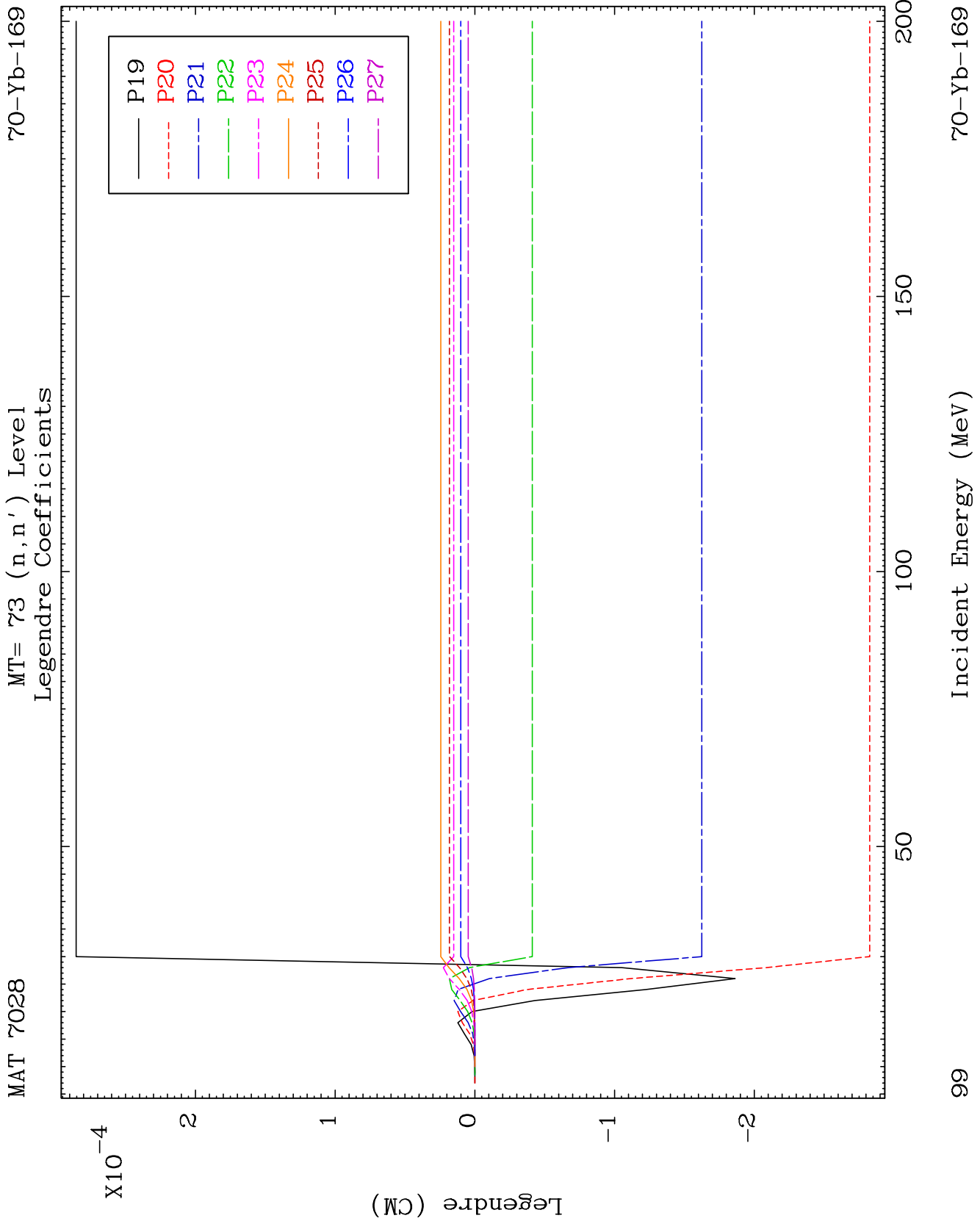


MAT 7028

MT= 73 (n, n') Level
Legendre Coefficients

70-Yb-169

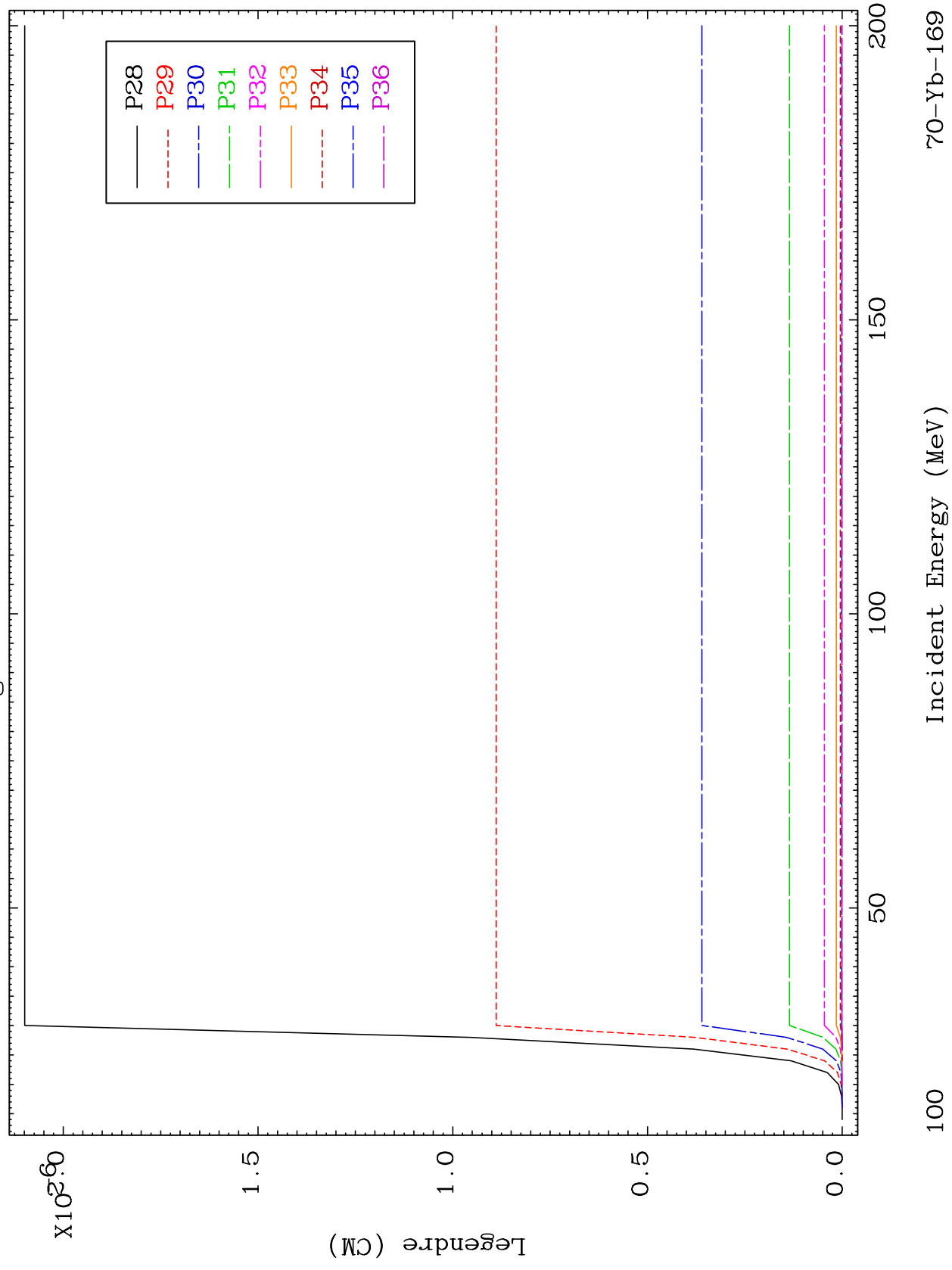




MAT 7028

MT= 73 (n, n') Level
Legendre Coefficients

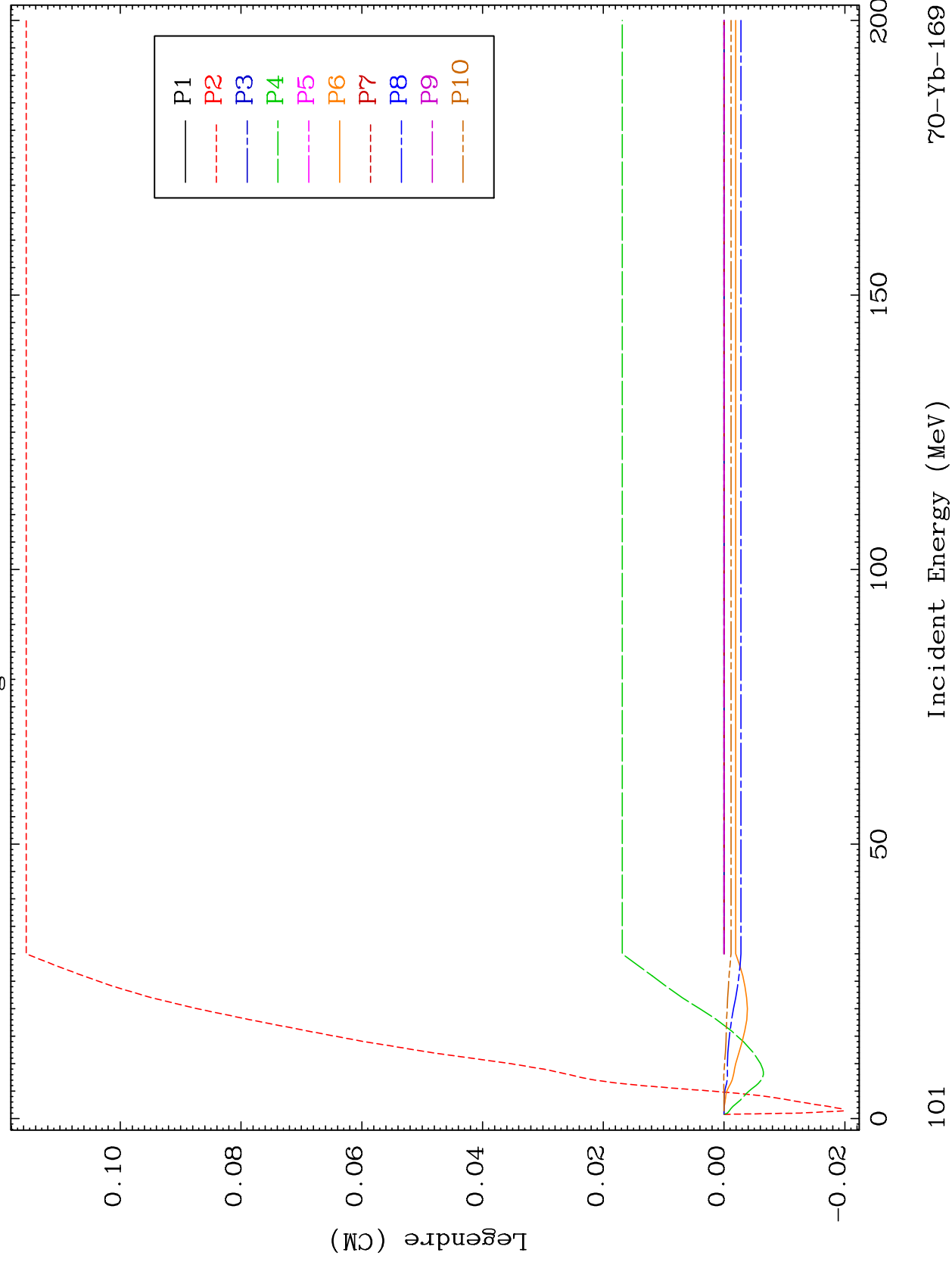
70-Yb-169



MAT 7028

MT= 74 (n, n') Level
Legendre Coefficients

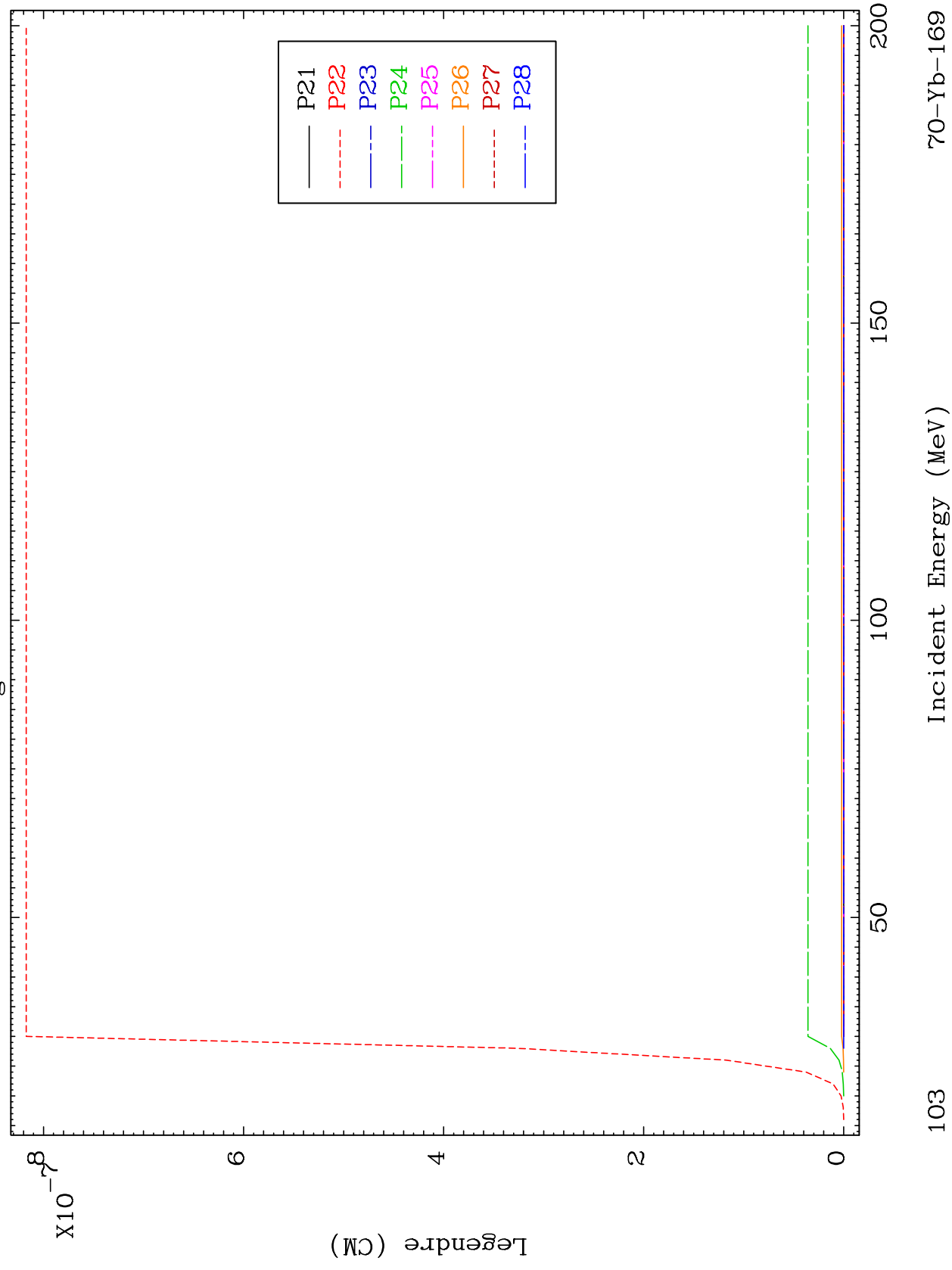
70-Yb-169



MAT 7028

MT= 74 (n, n') Level
Legendre Coefficients

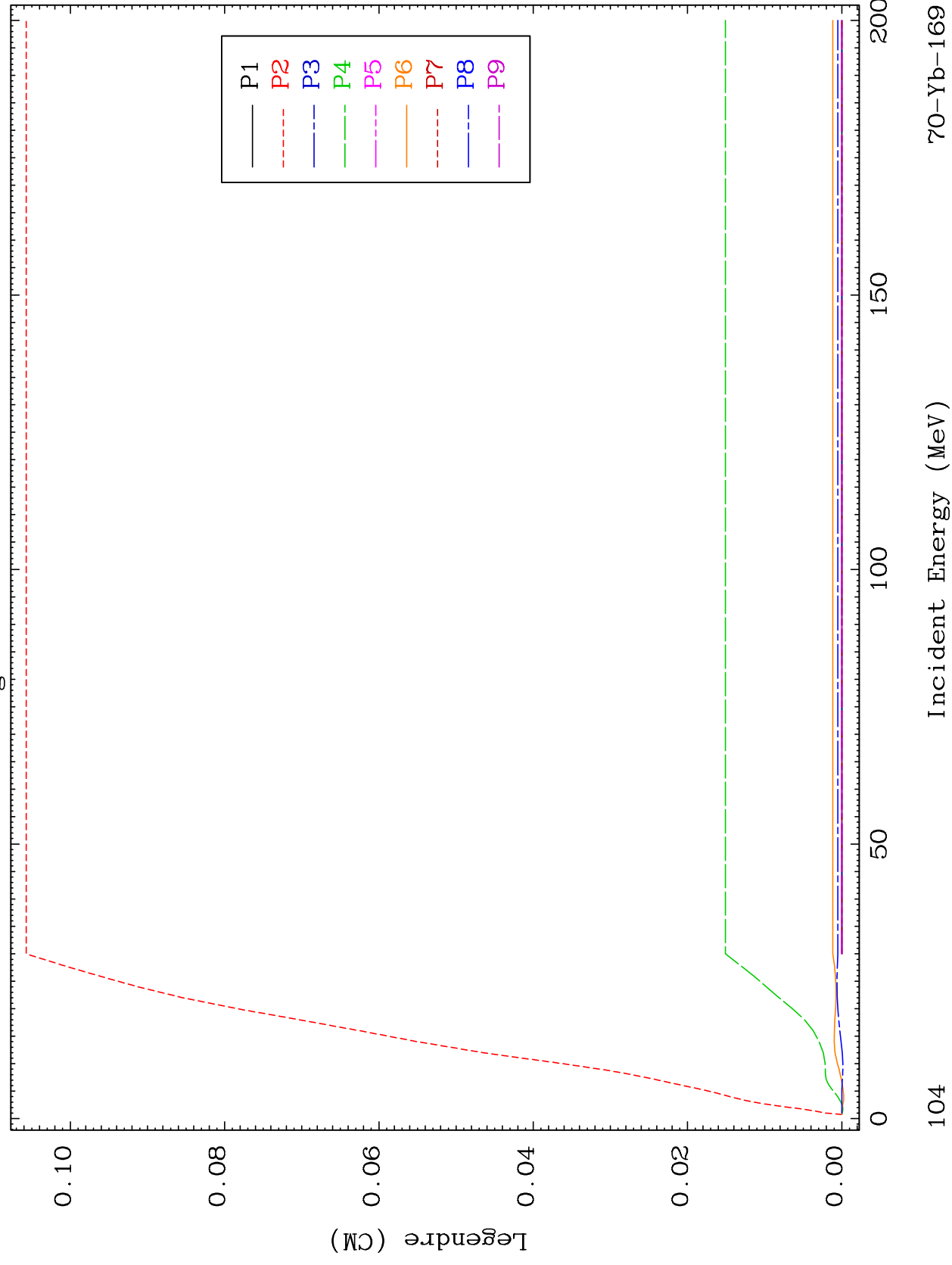
70-Yb-169

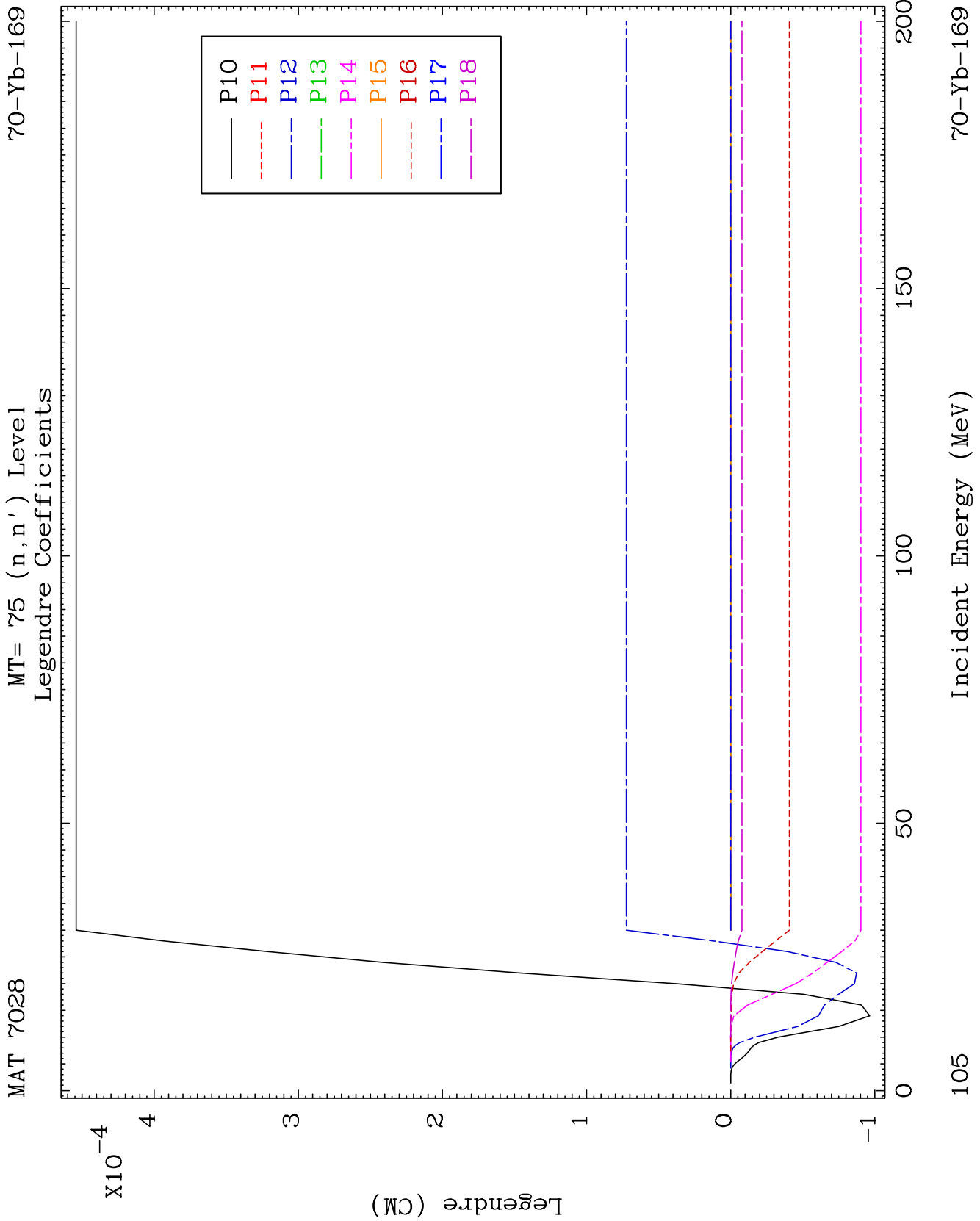


MAT 7028

MT= 75 (n, n') Level
Legendre Coefficients

70-Yb-169

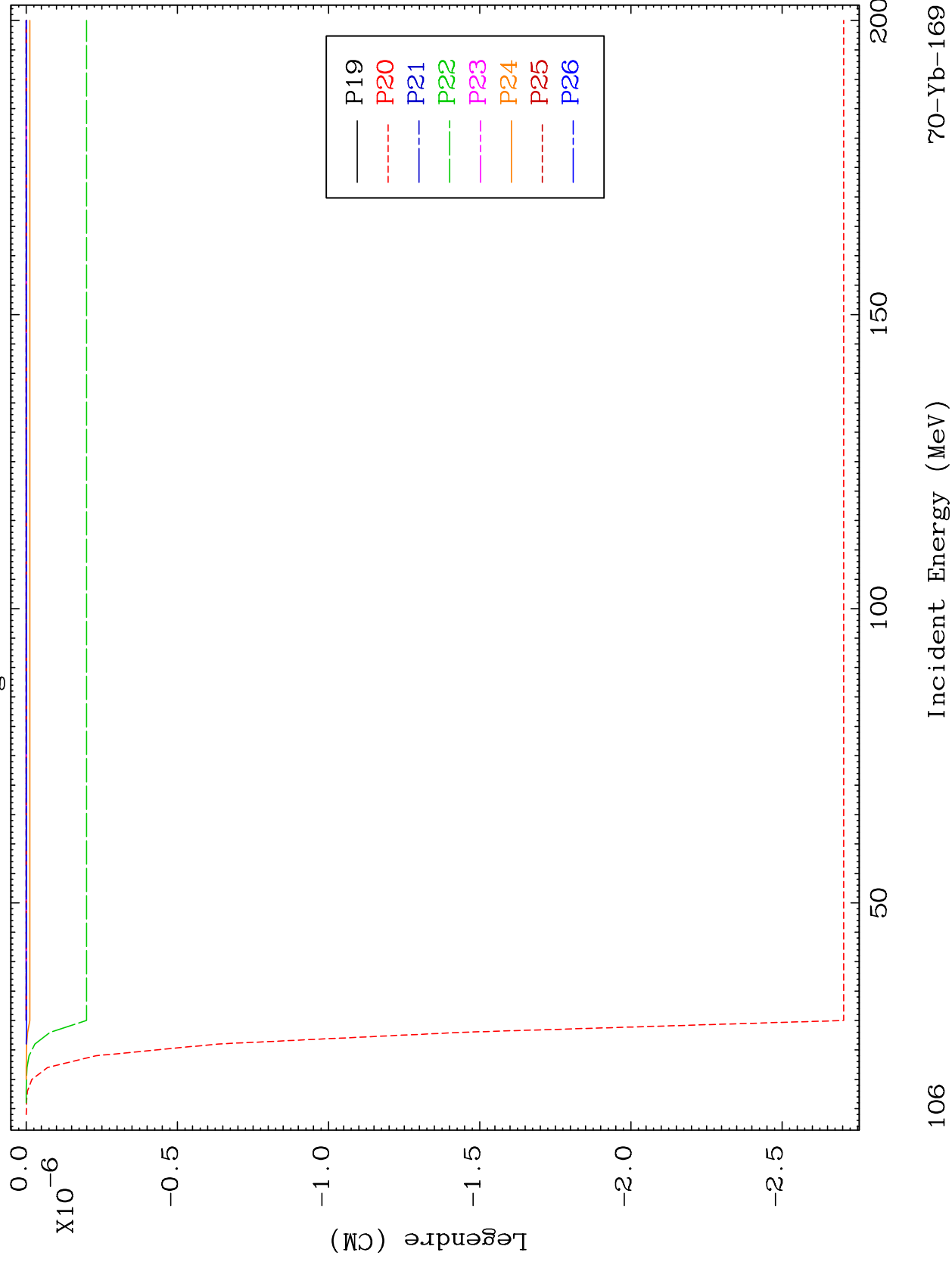


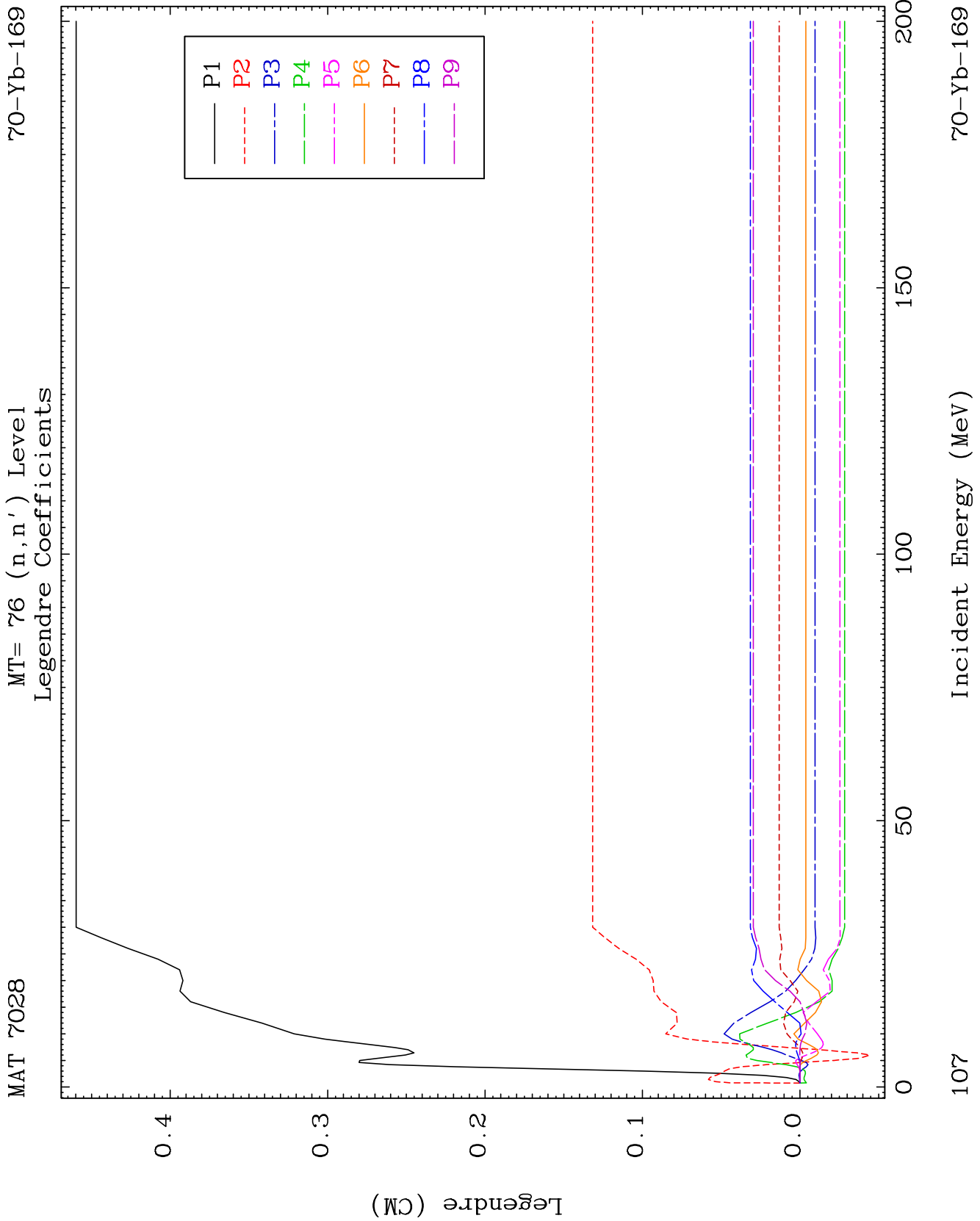


MAT 7028

MT= 75 (n, n') Level
Legendre Coefficients

70-Yb-169

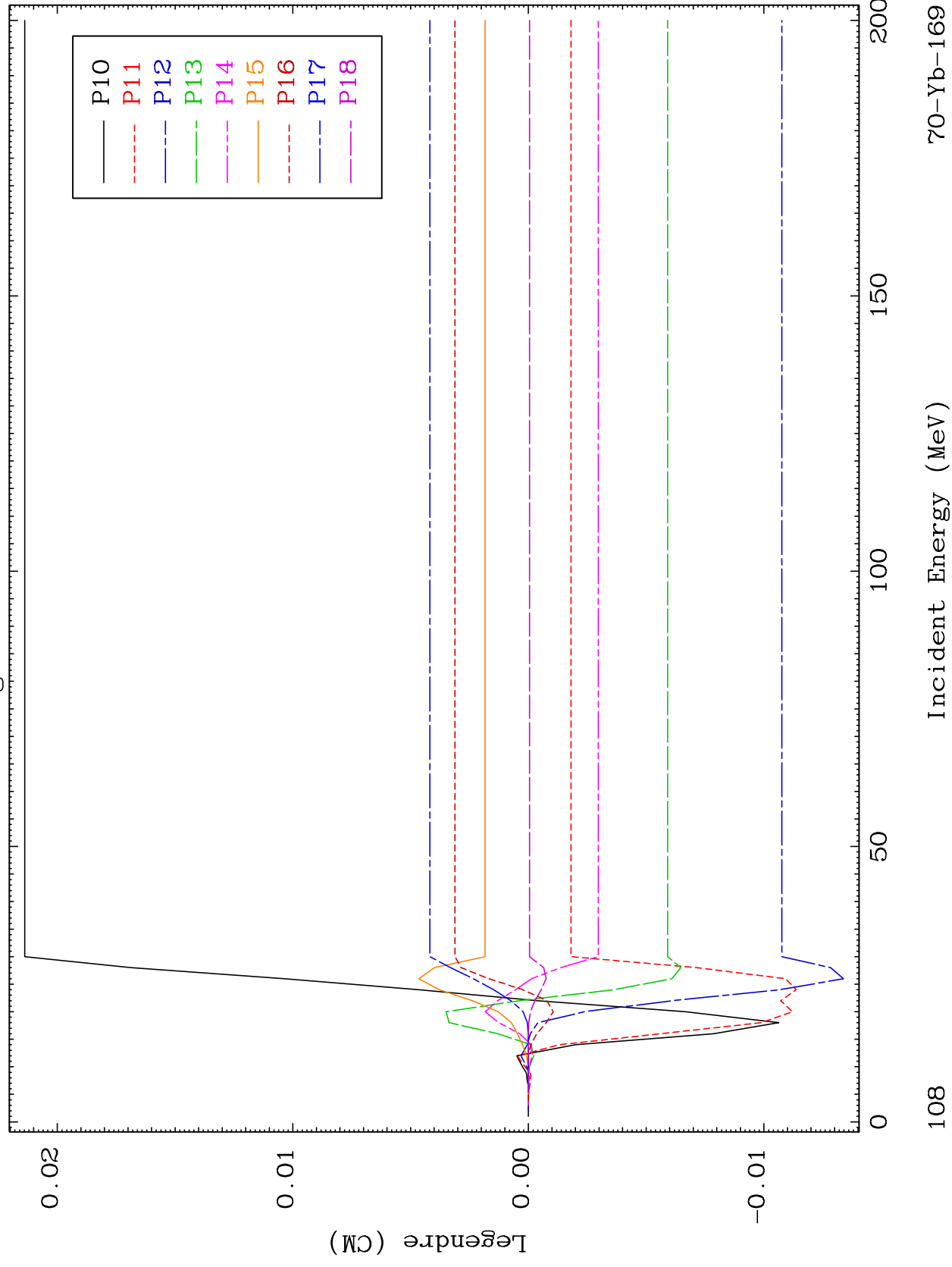


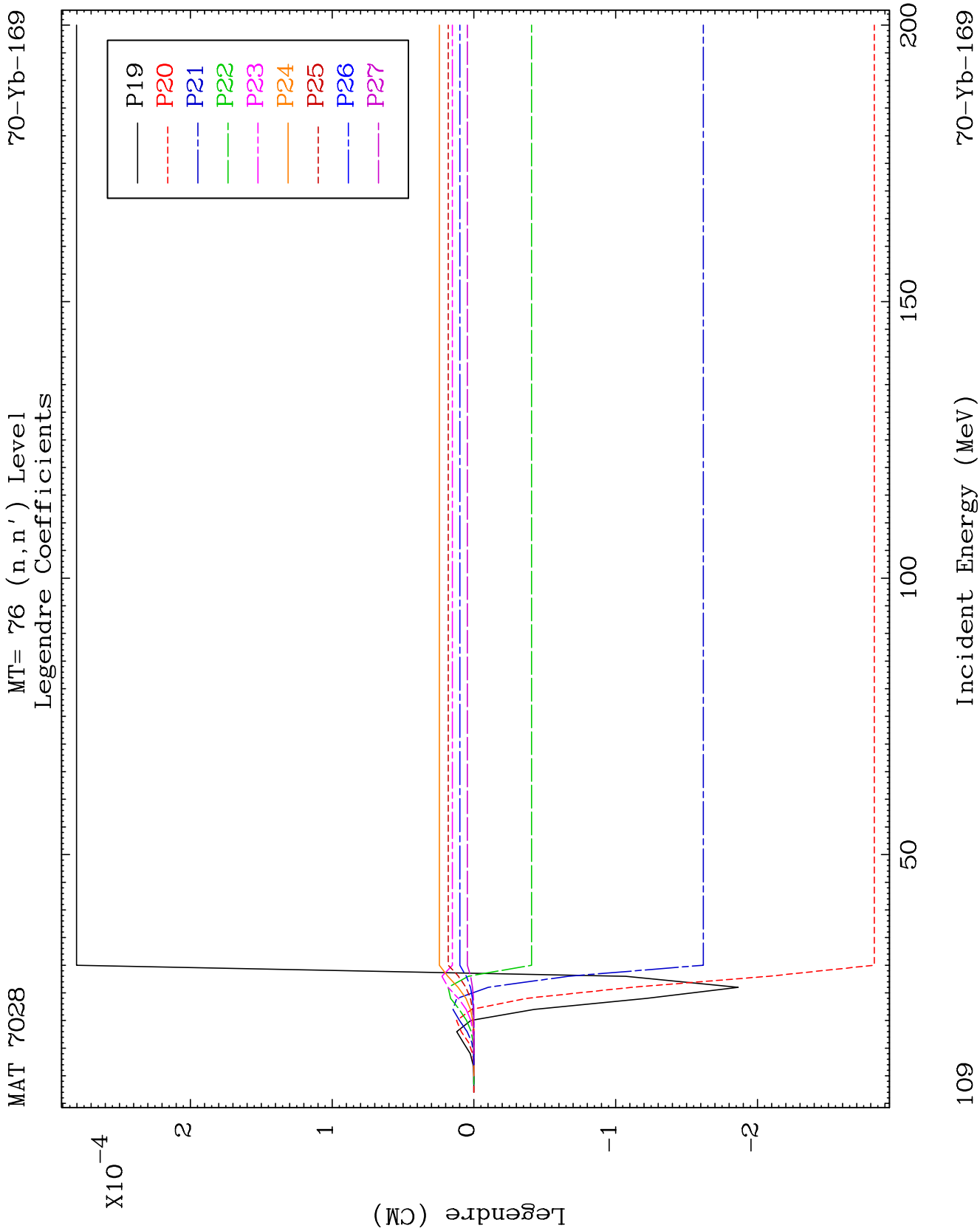


MAT 7028

MT= 76 (n, n') Level
Legendre Coefficients

70-Yb-169

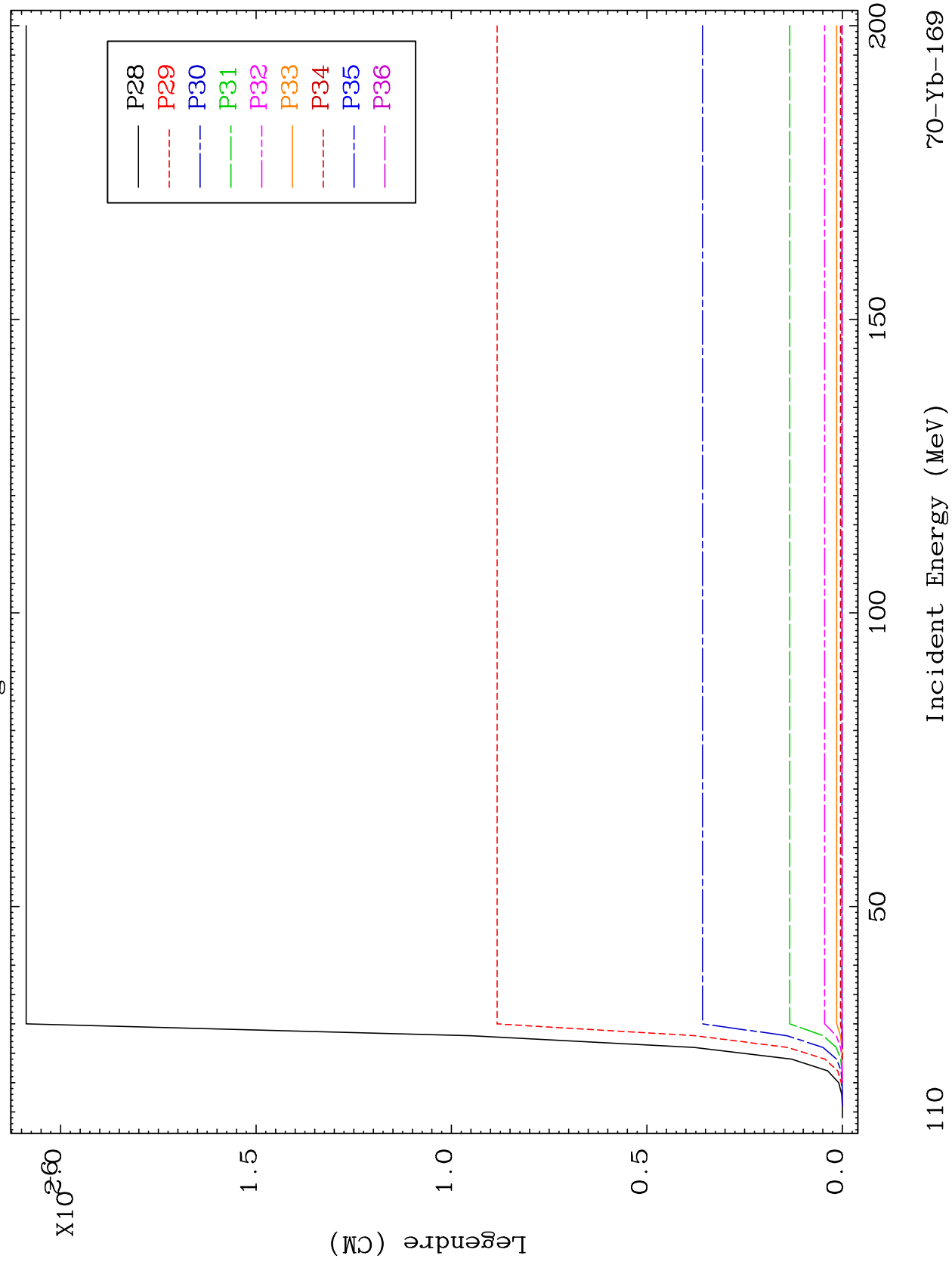


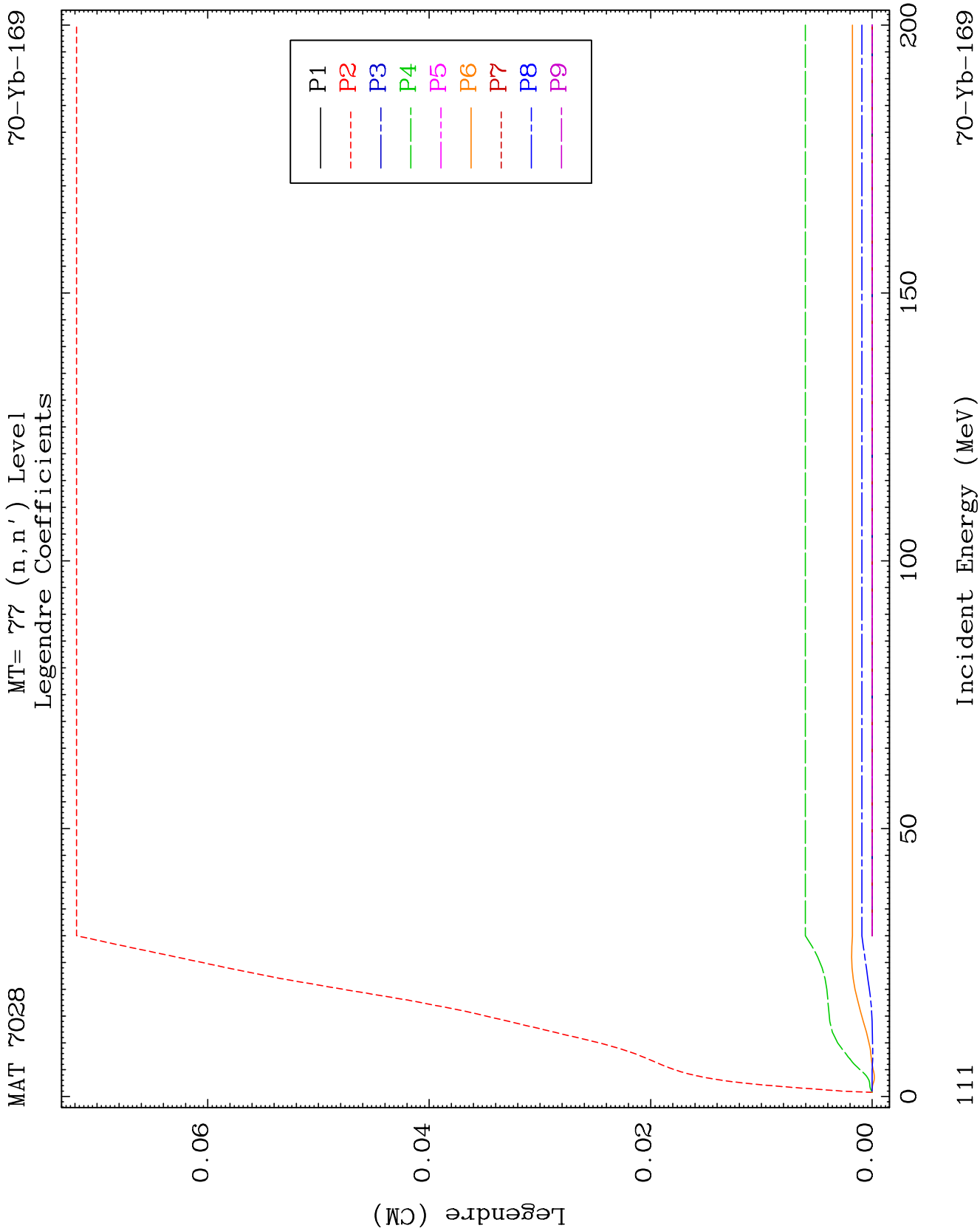


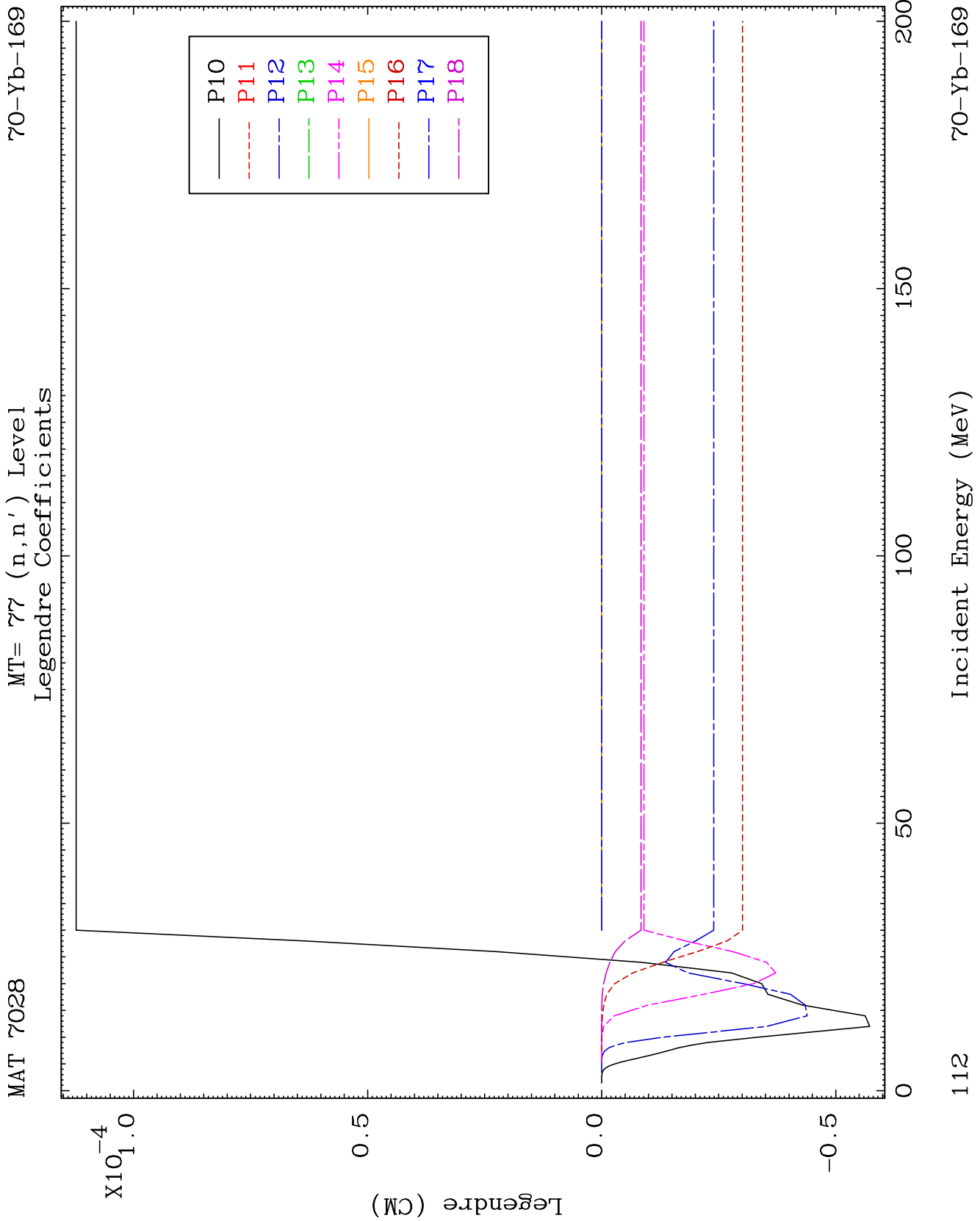
MAT 7028

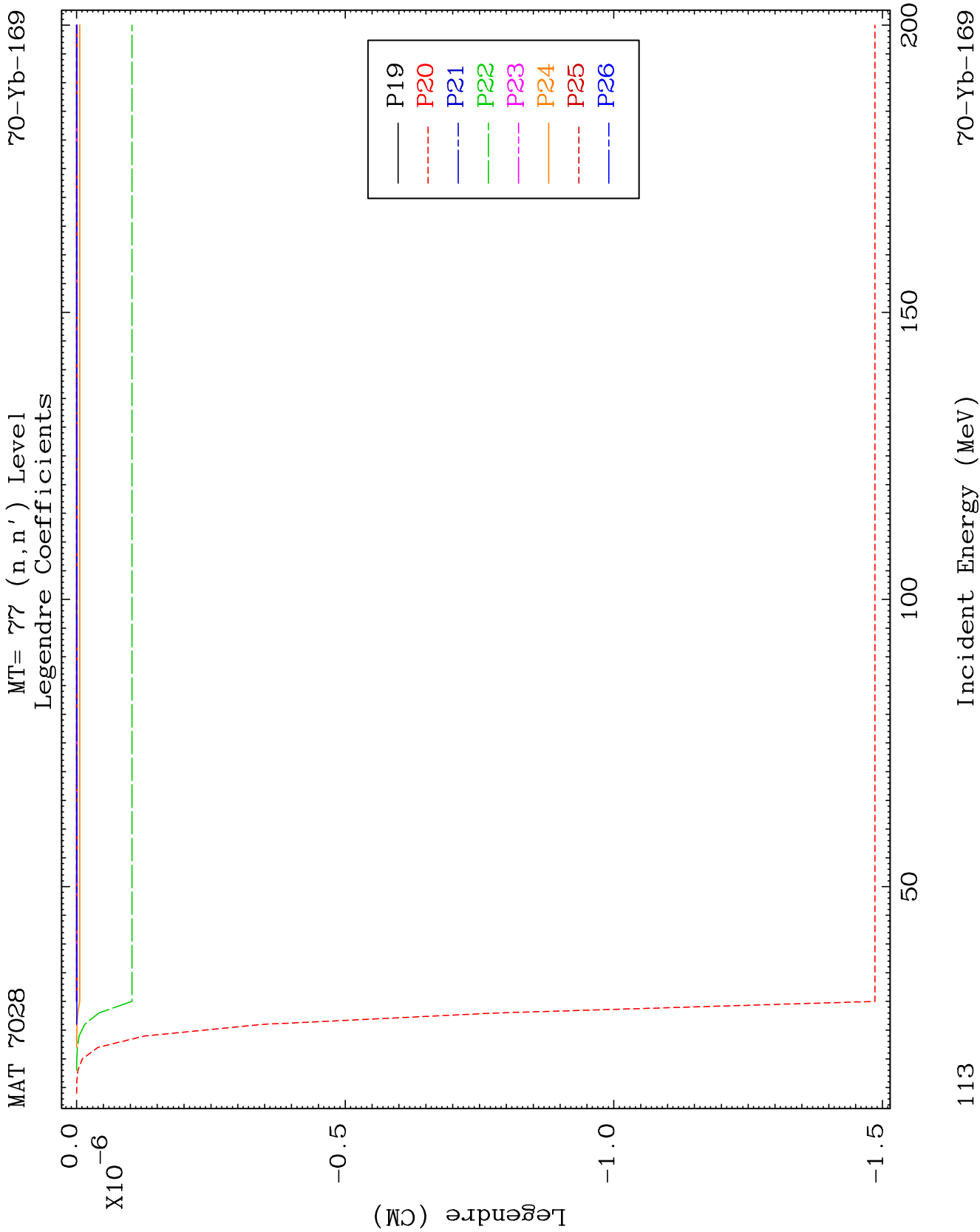
MT= 76 (n, n') Level
Legendre Coefficients

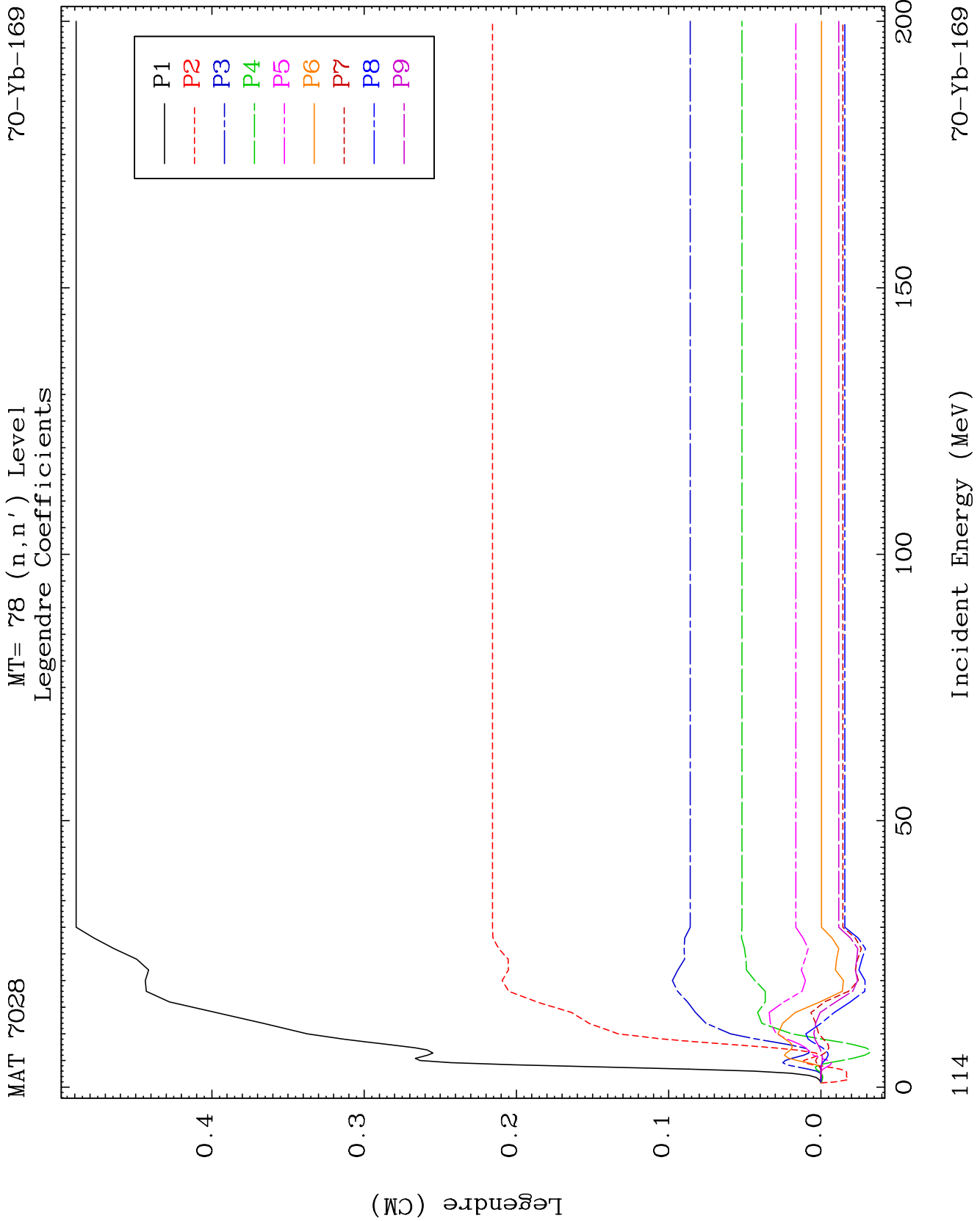
70-Yb-169







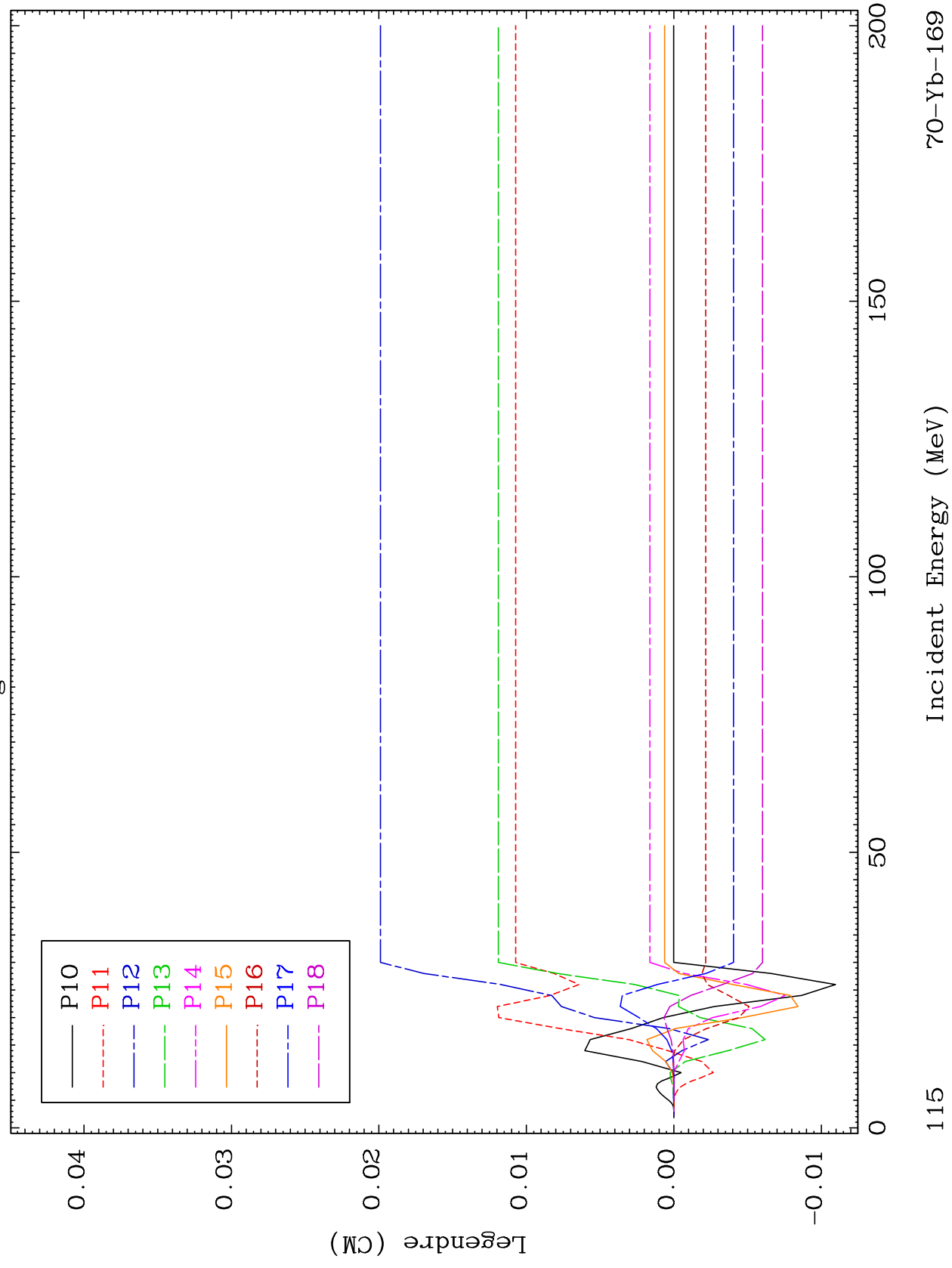




MAT 7028

MT= 78 (n, n') Level
Legendre Coefficients

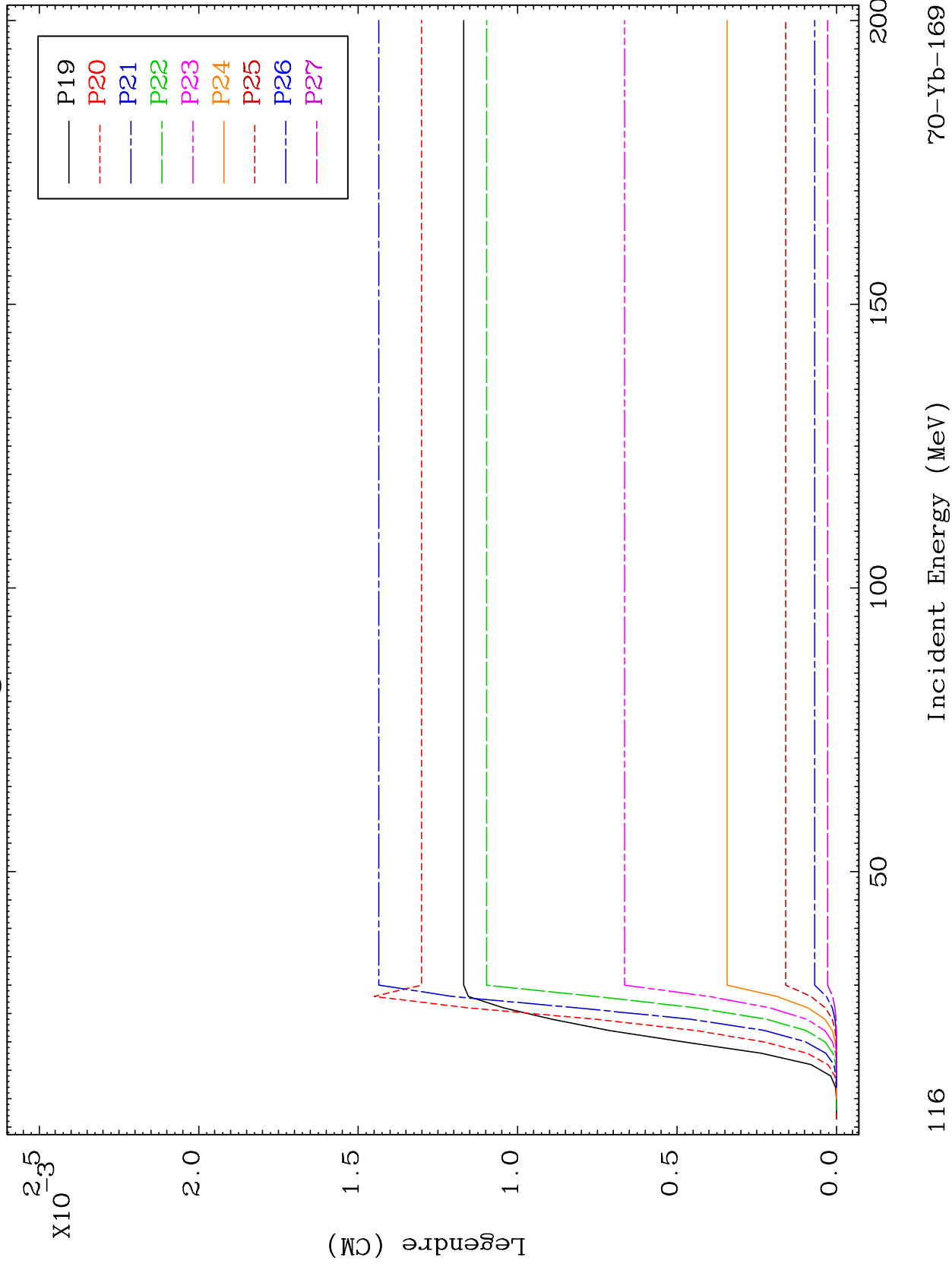
70-Yb-169

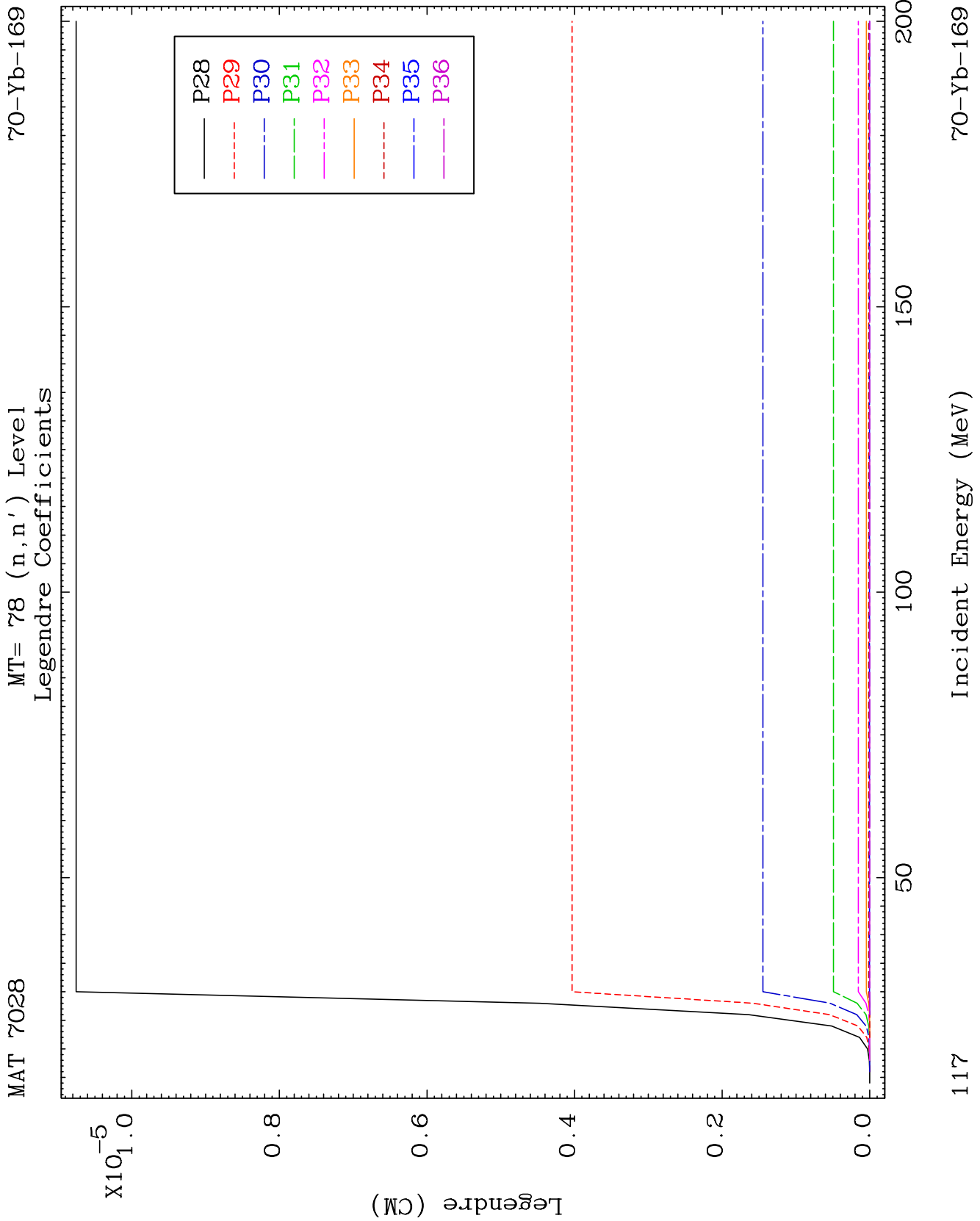


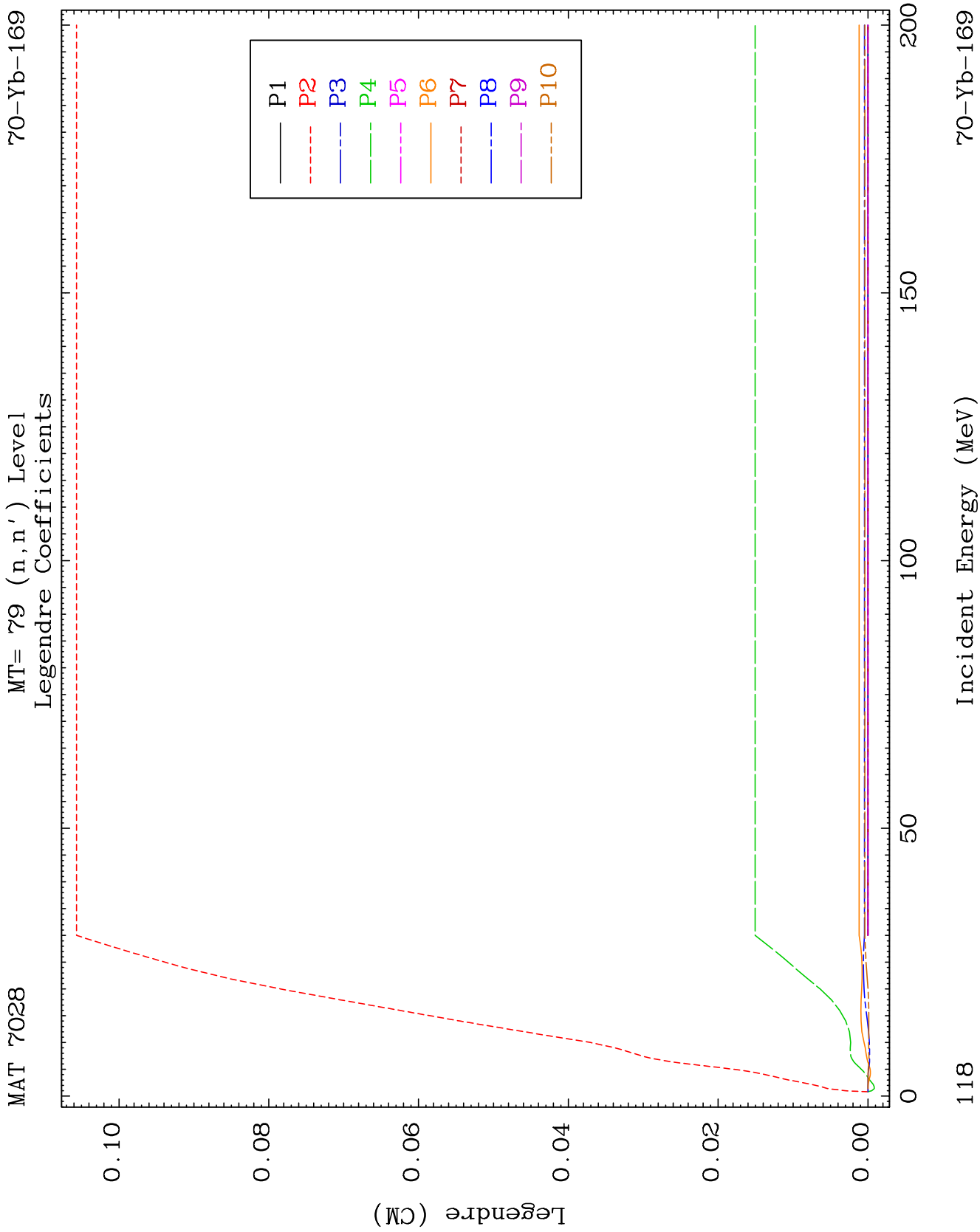
MAT 7028

MT= 78 (n, n') Level
Legendre Coefficients

70-Yb-169



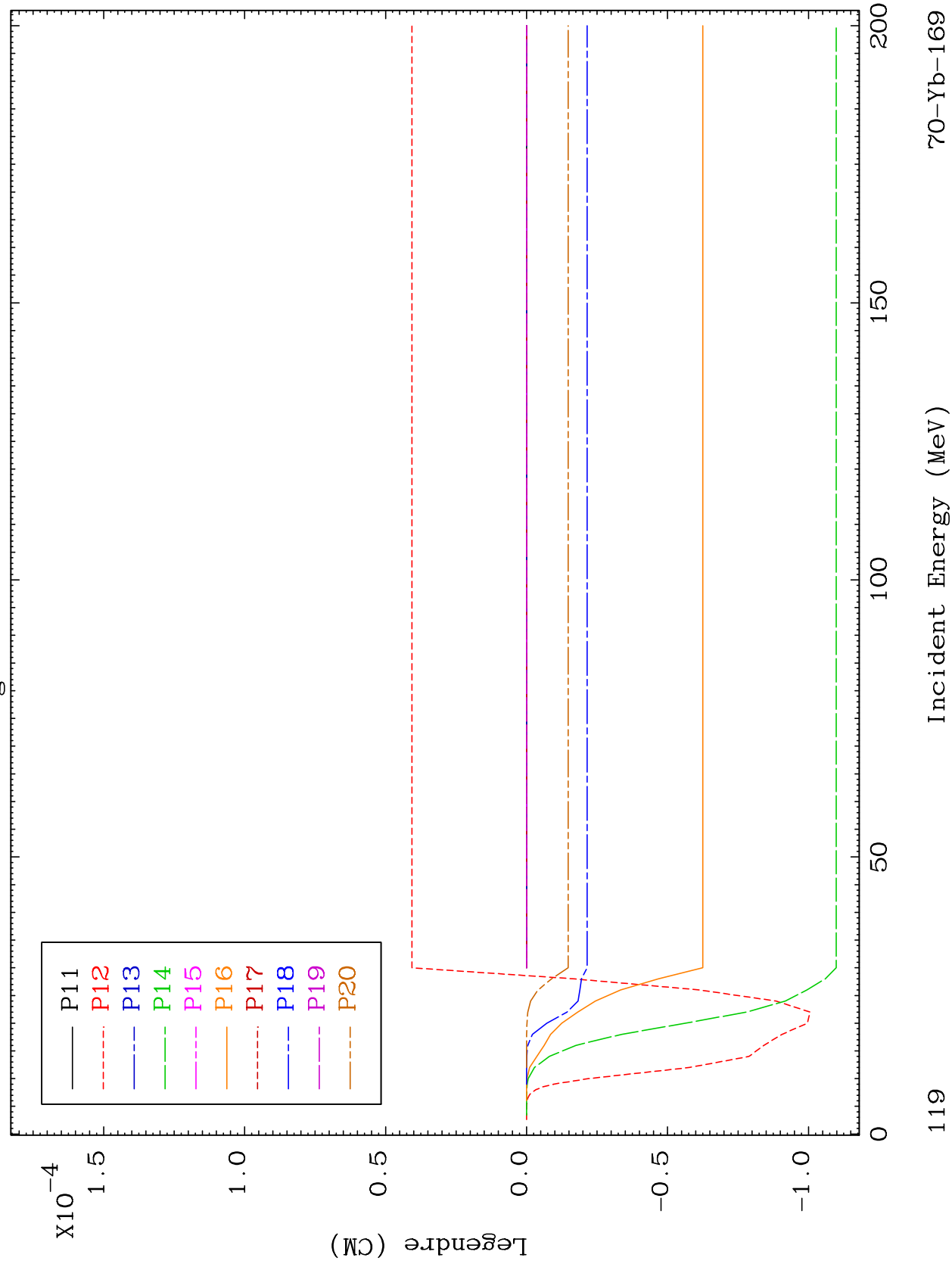


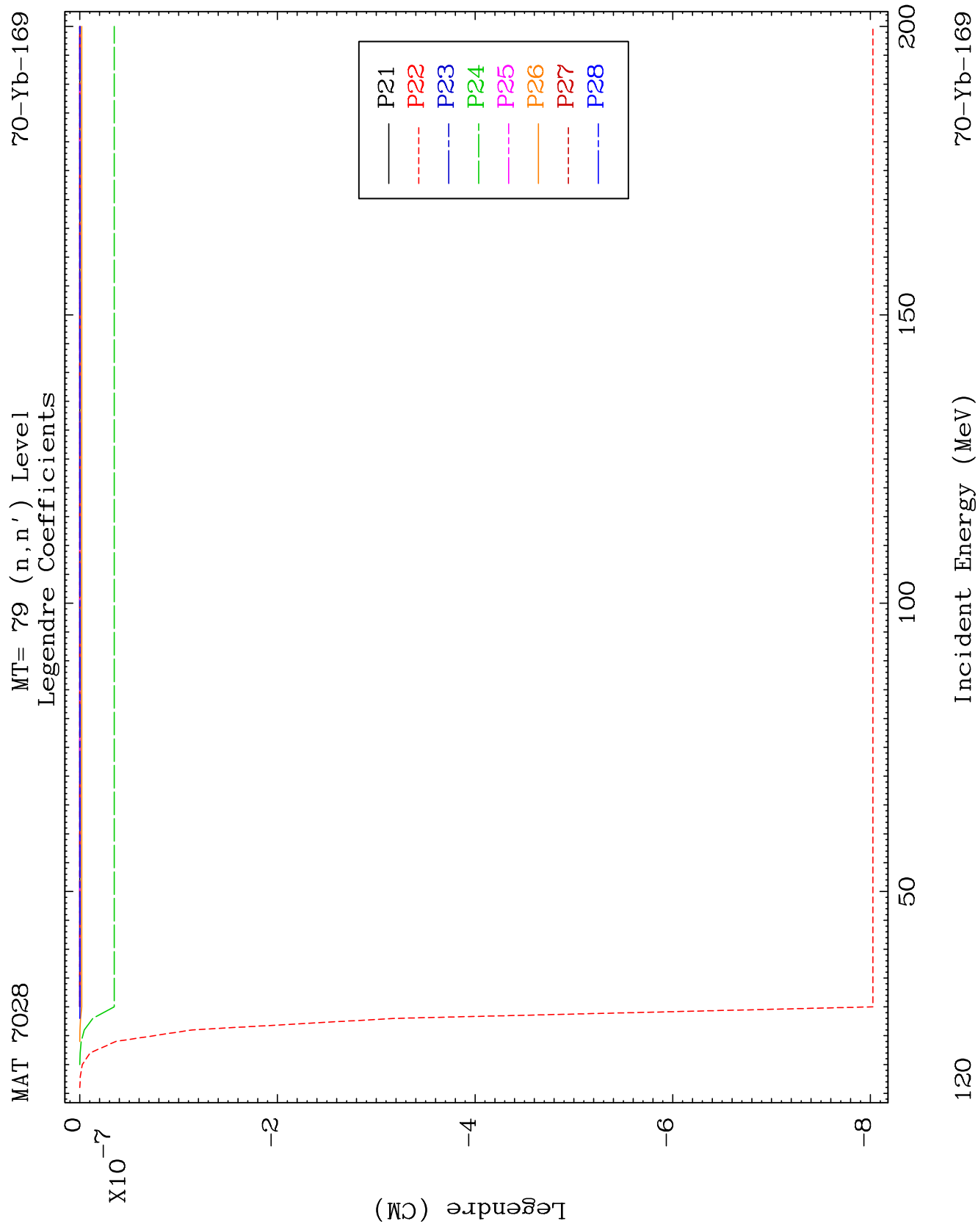


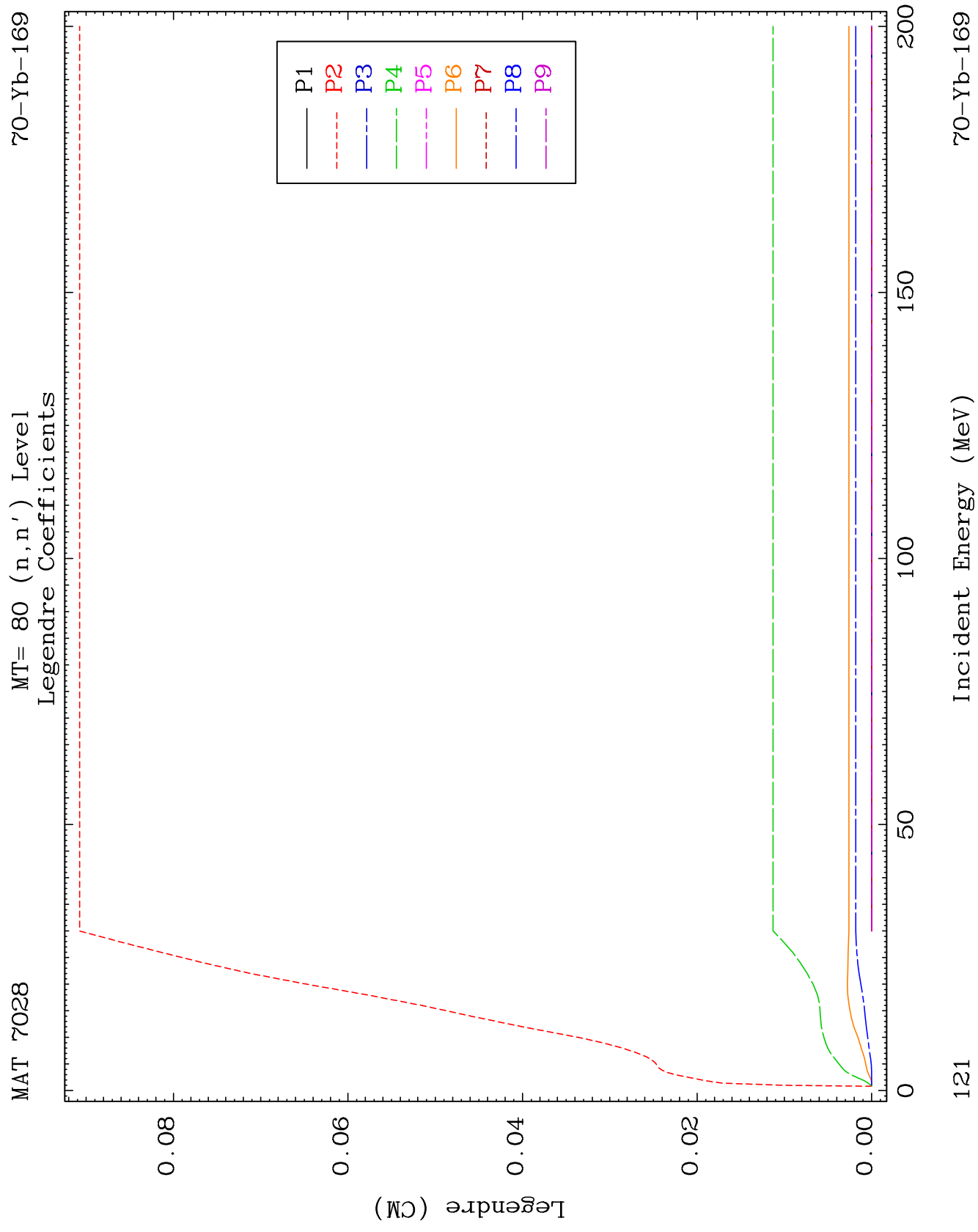
MAT 7028

MT= 79 (n, n') Level
Legendre Coefficients

70-Yb-169



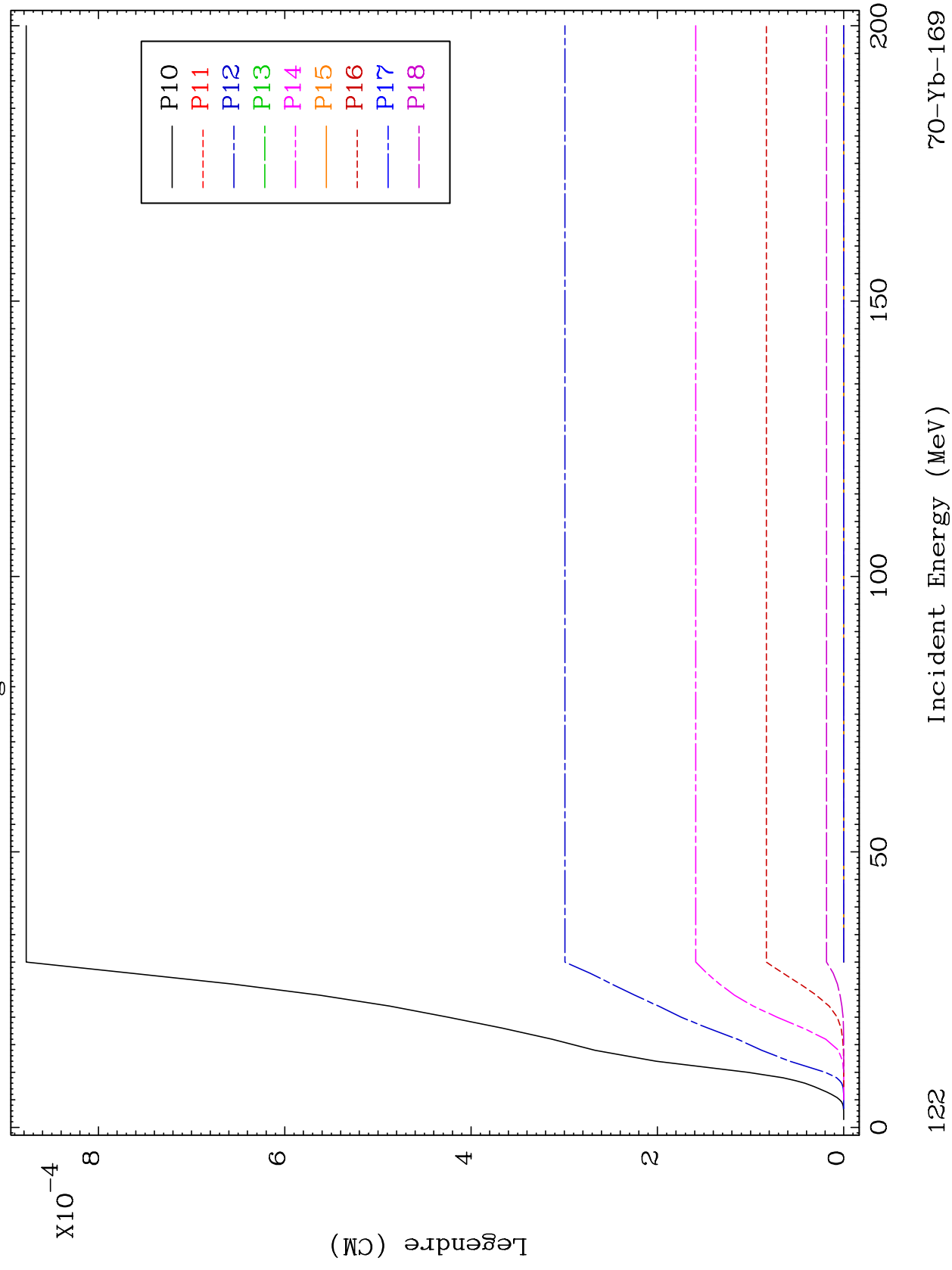


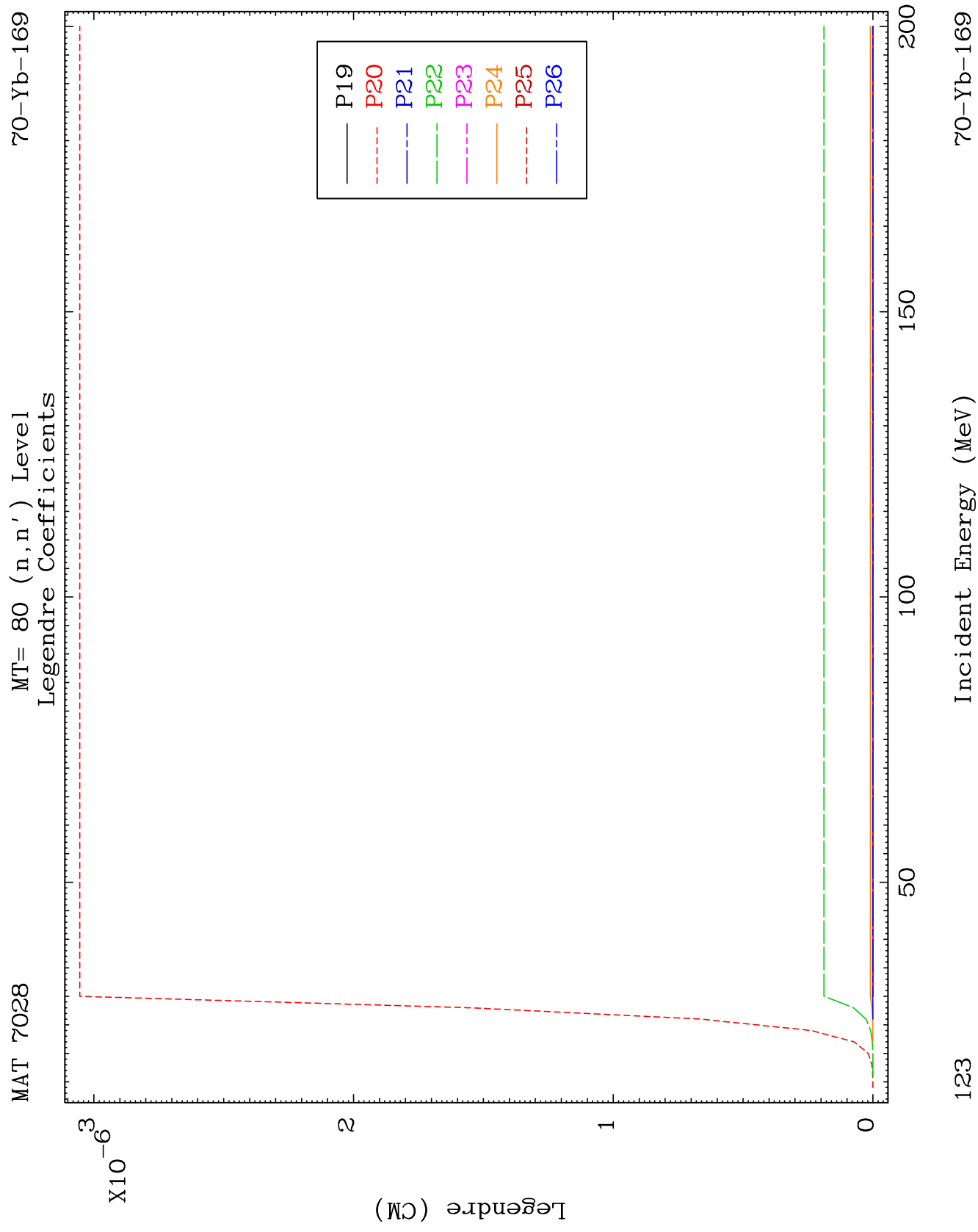


MAT 7028

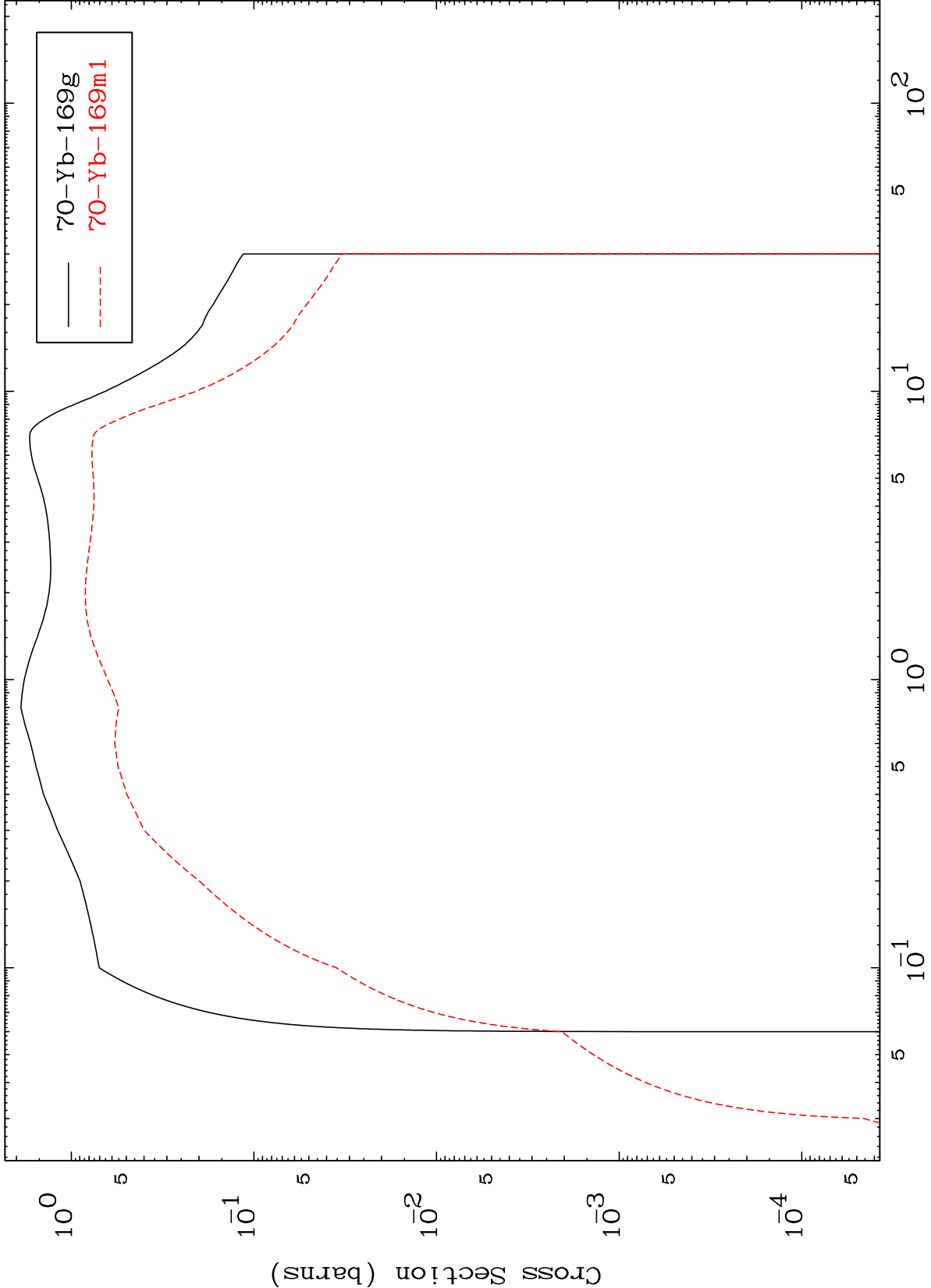
MT= 80 (n, n') Level
Legendre Coefficients

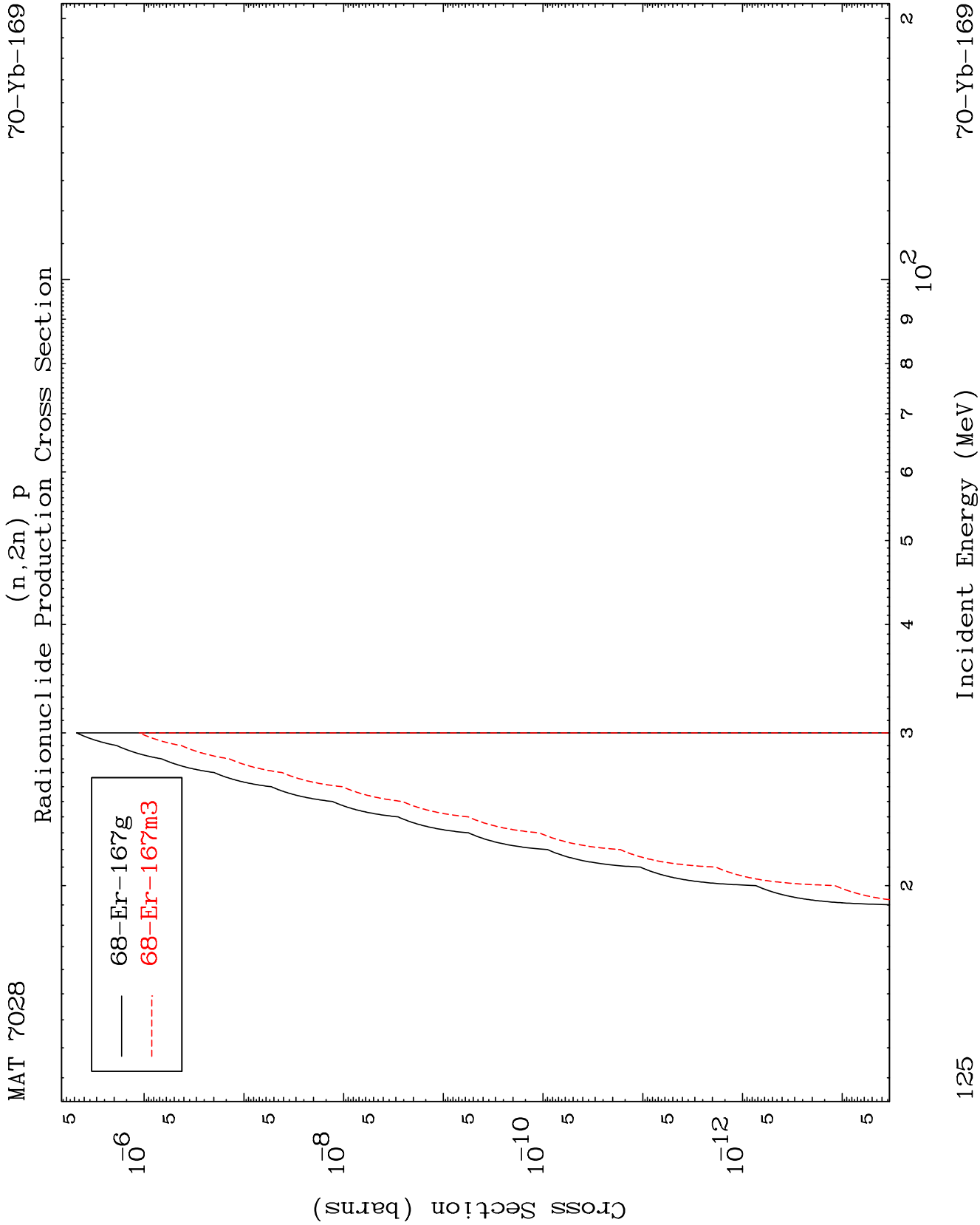
70-Yb-169





Inelastic
Radionuclide Production Cross Section

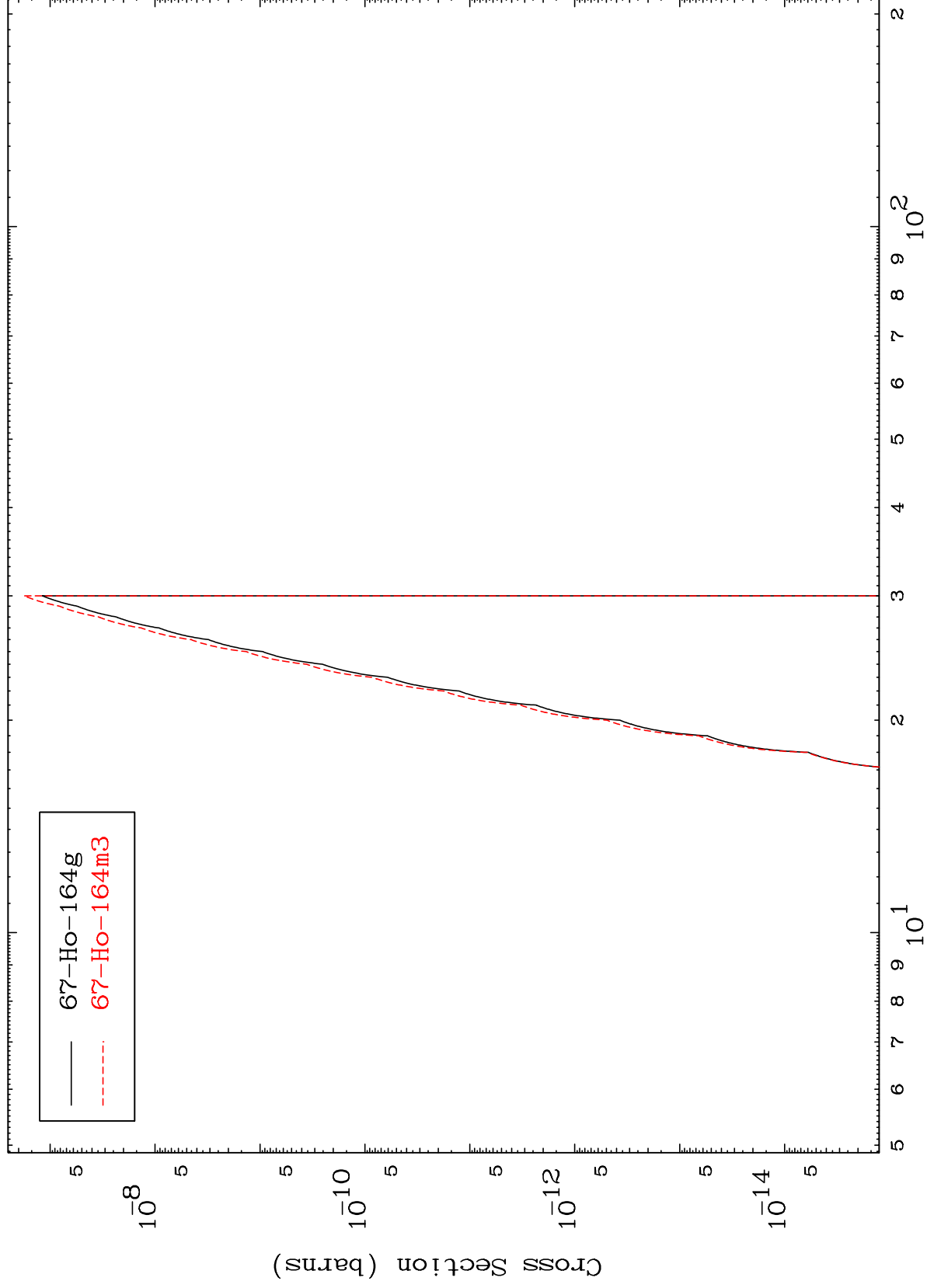




MAT 7028

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(n,n') p α
Radionuclide Production Cross Section



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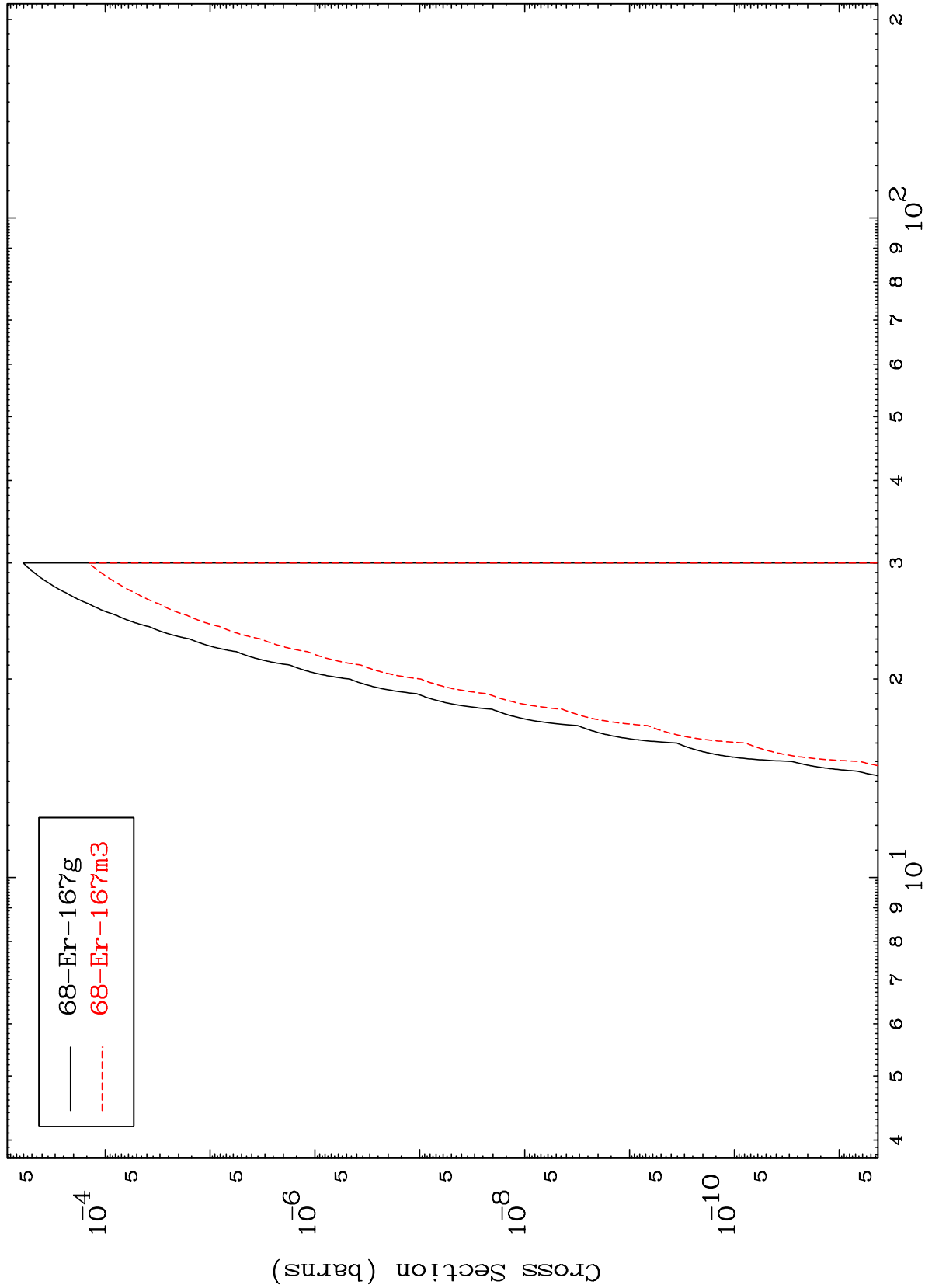
Incident Energy (MeV)

70-Yb-169

MAT 7028

70-Yb-169

Radionuclide Production Cross Section



70-Yb-169

Incident Energy (MeV)

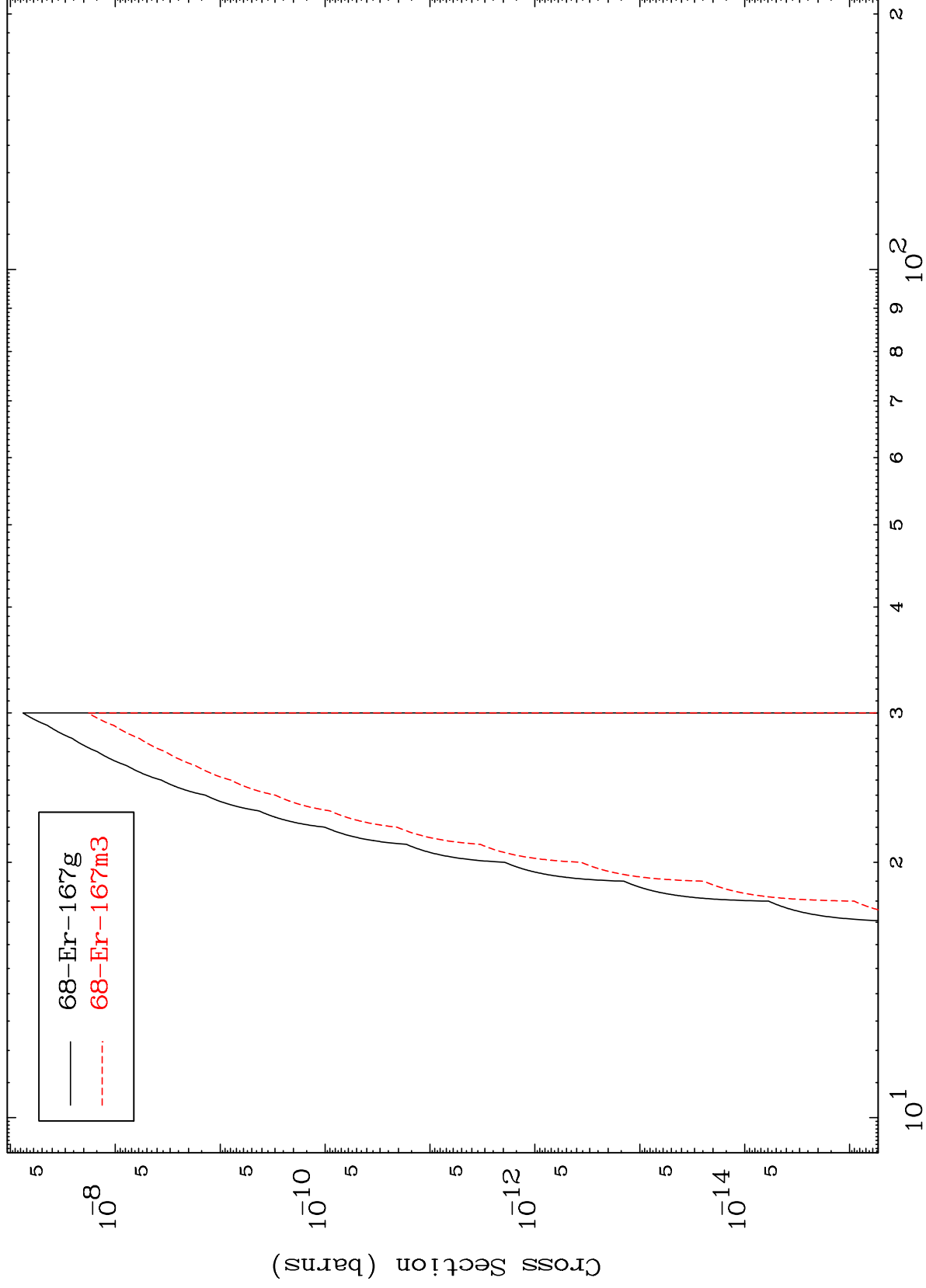
127

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(n,p) d

70-Yb-169

Radionuclide Production Cross Section



Incident Energy (MeV)

70-Yb-169

(n,d) α
Radionuclide Production Cross Section

