

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

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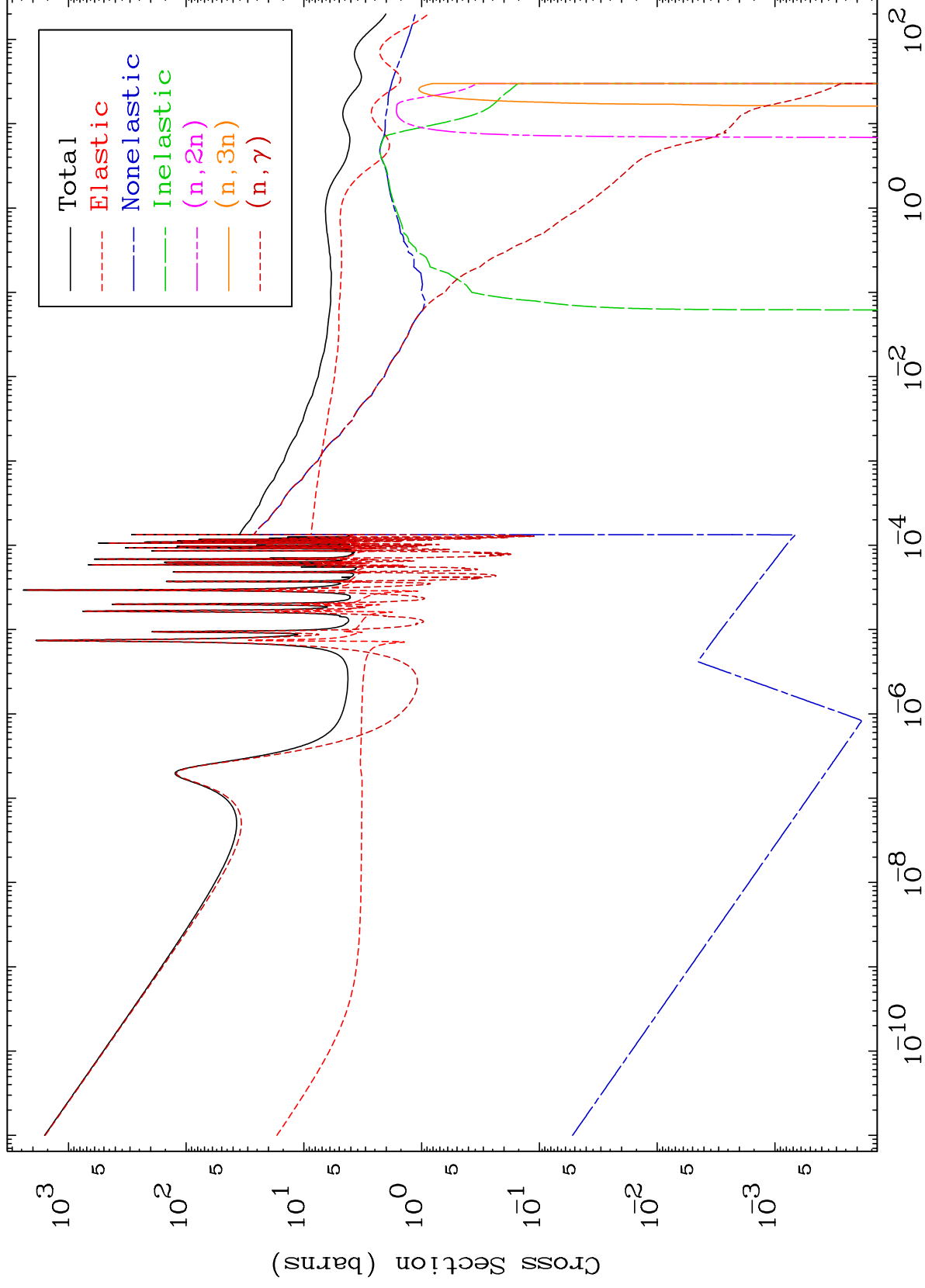
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5128

Neutron Major
293 Kelvin Cross Sections

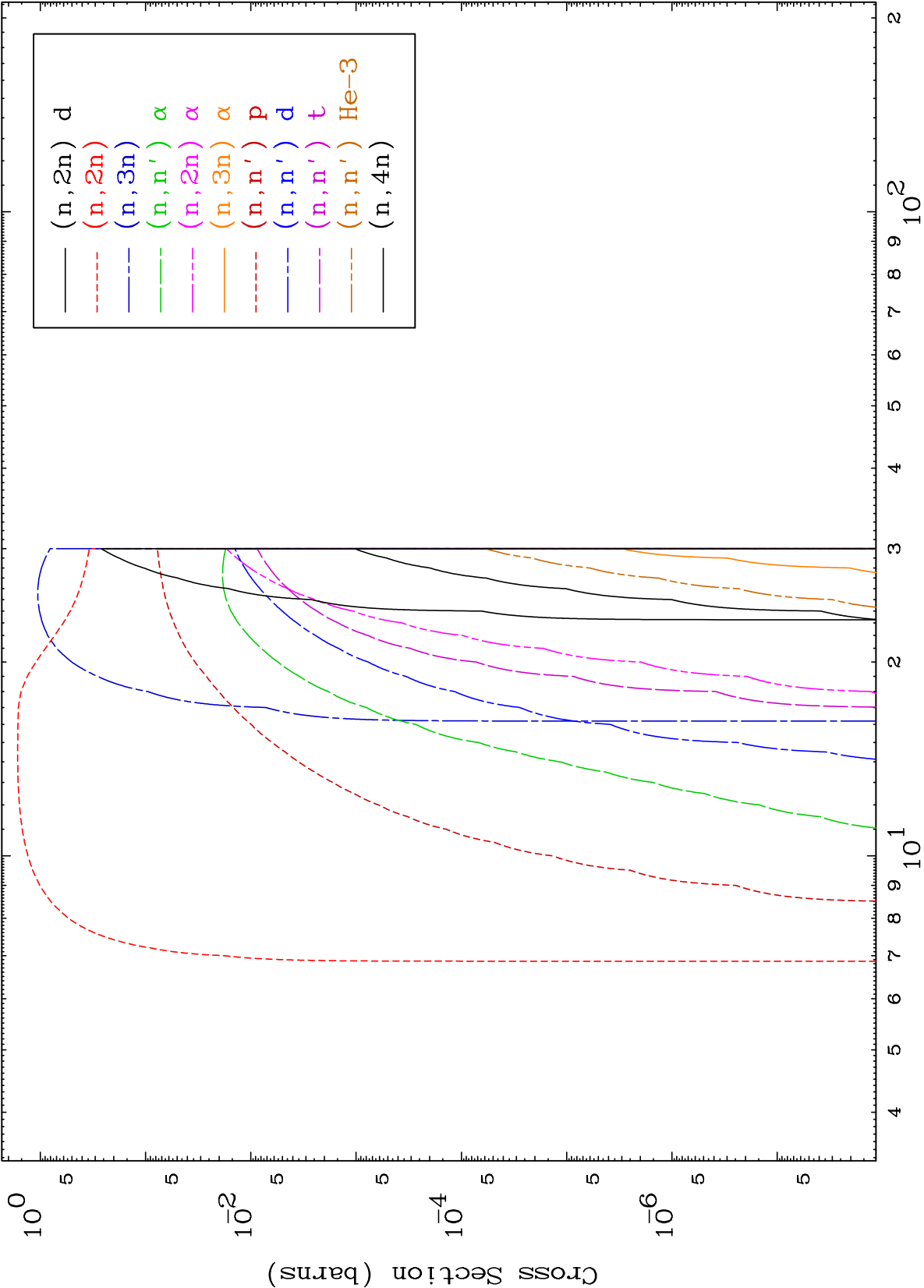
51-Sb-122

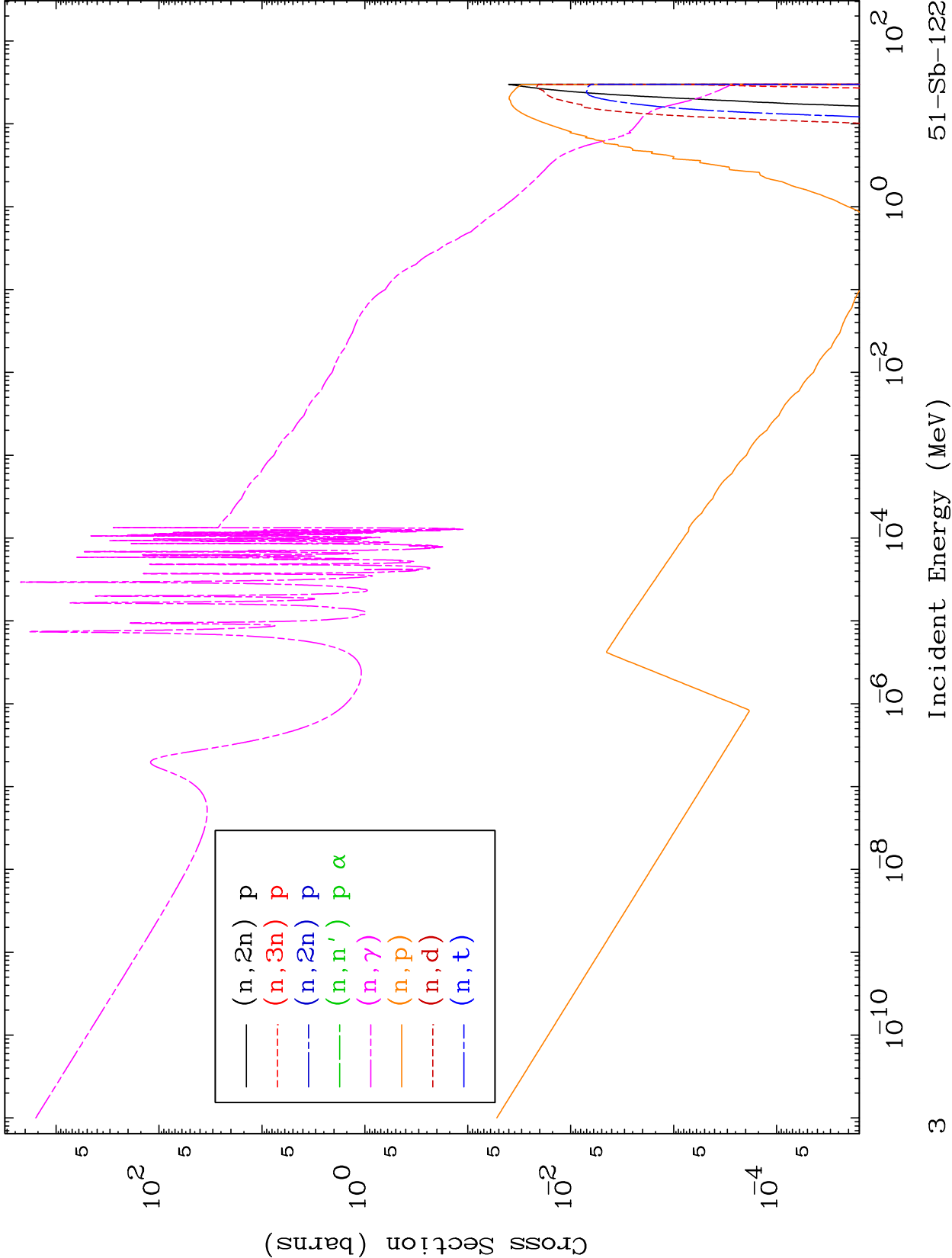


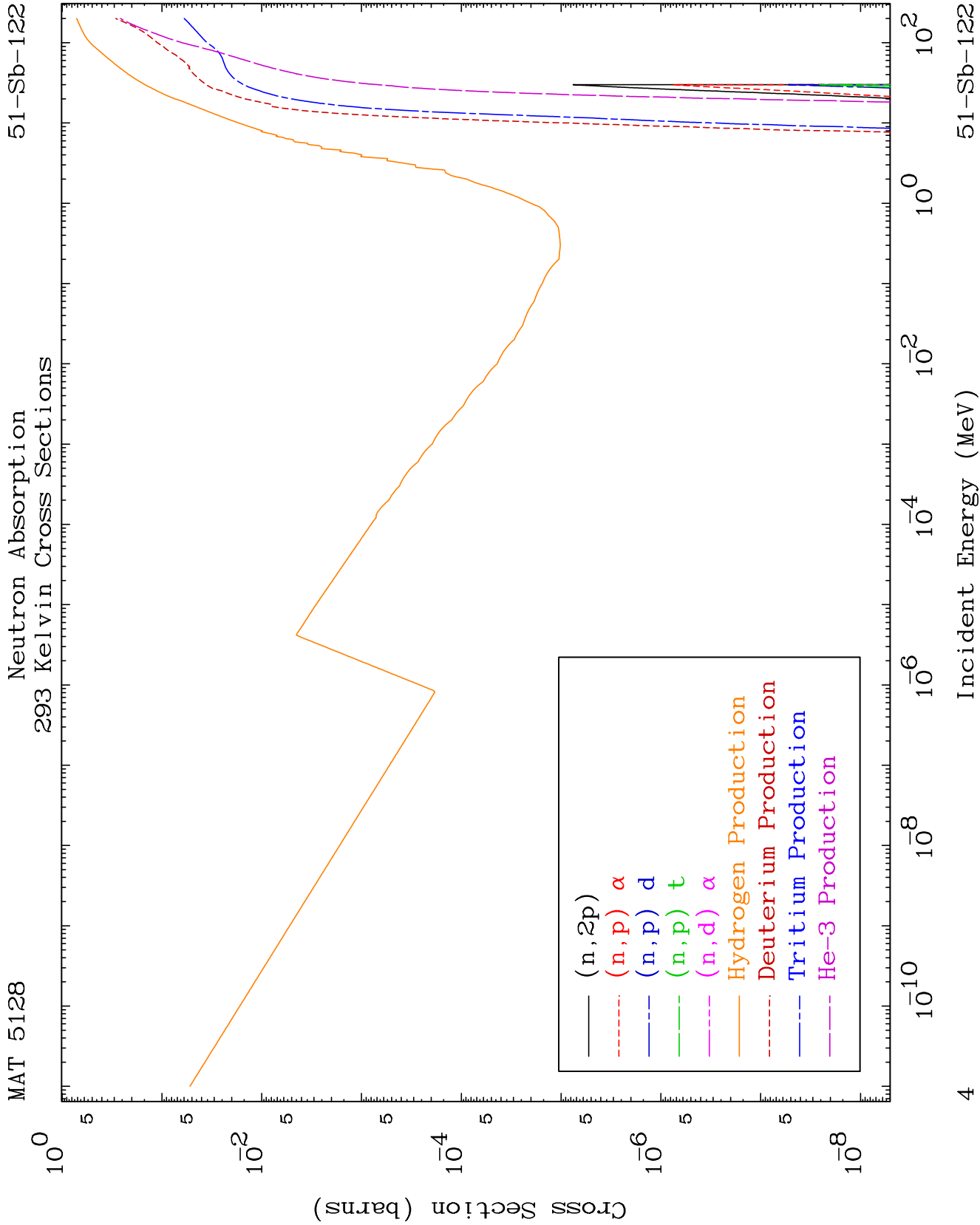
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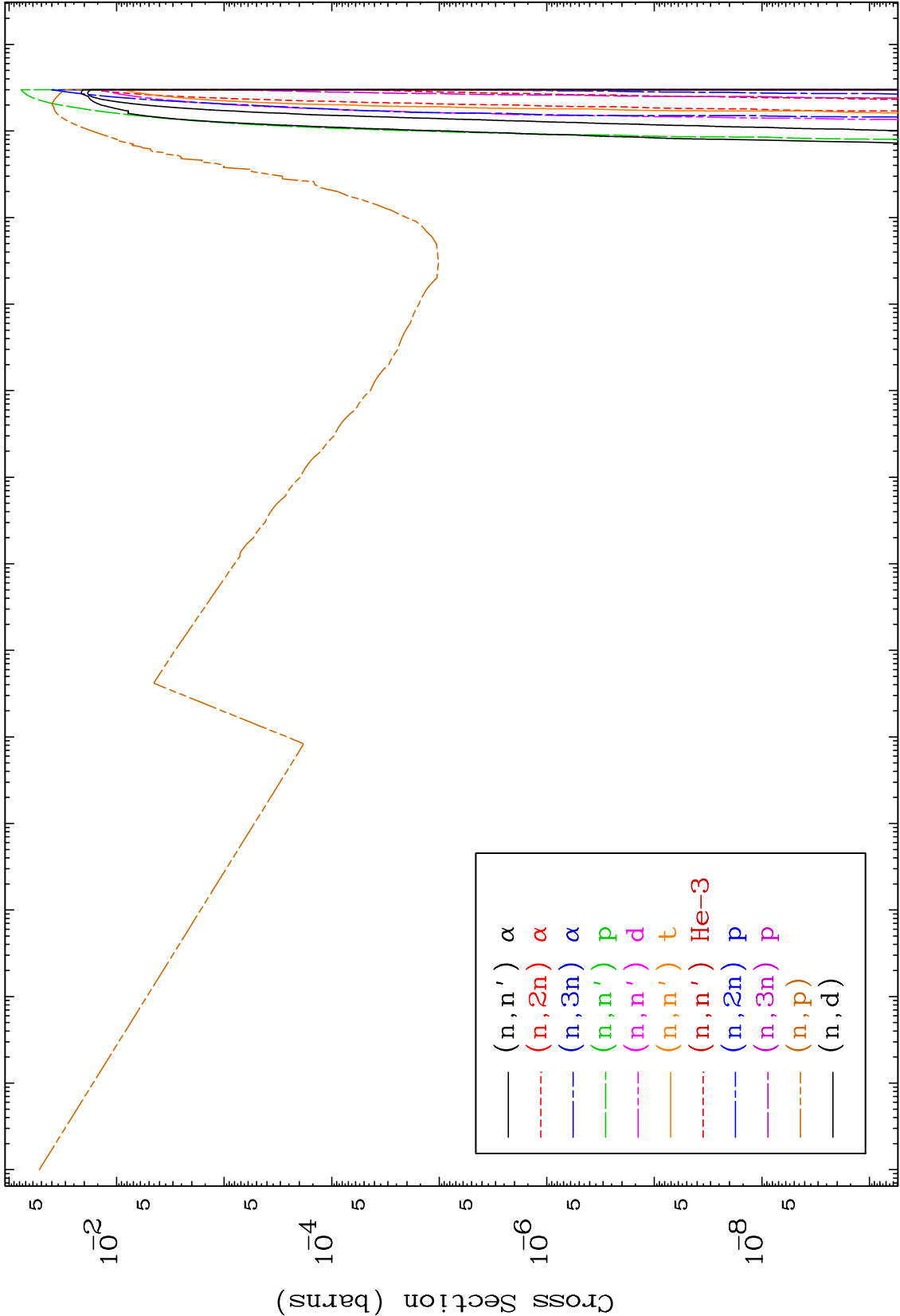
Incident Energy (MeV)

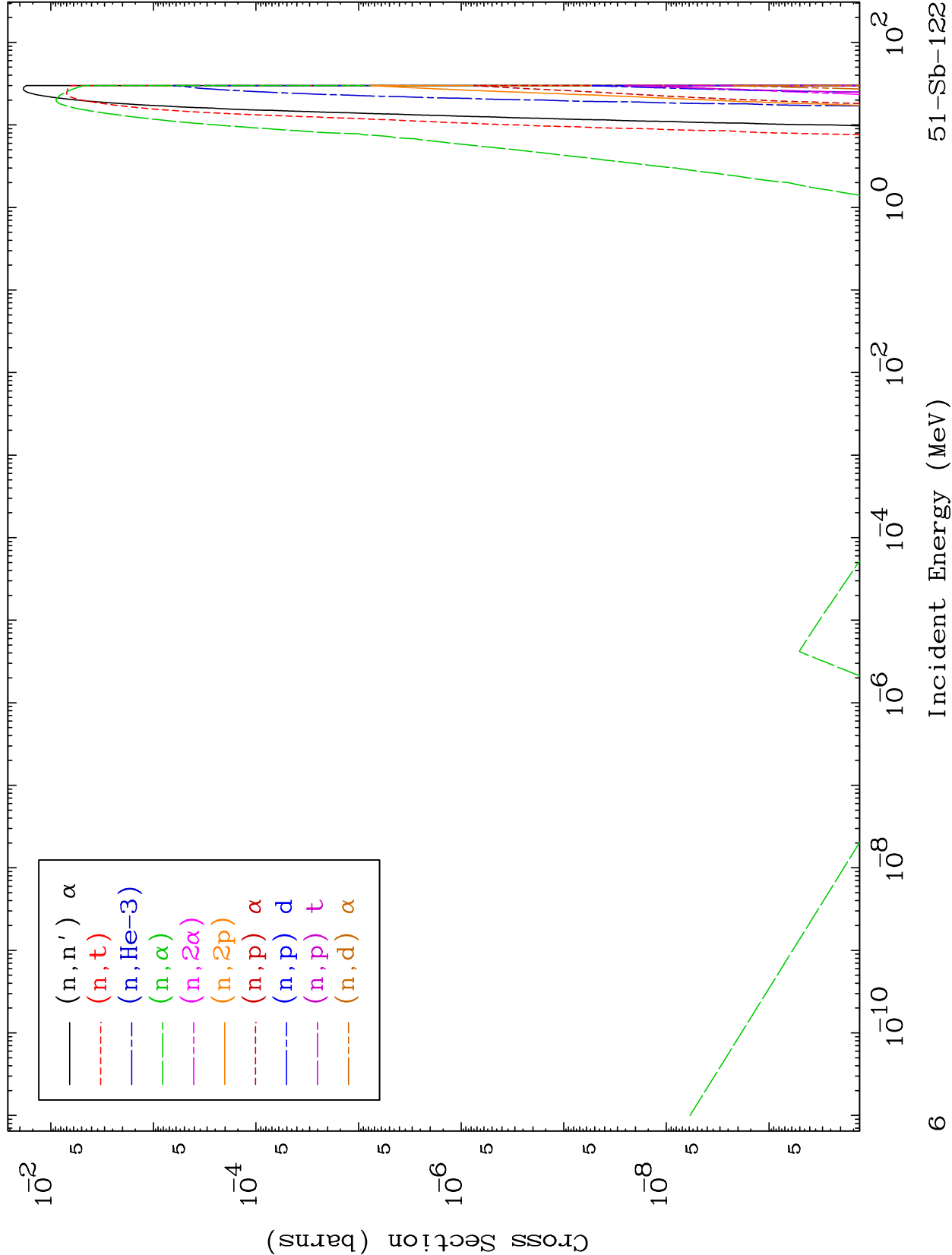
51-Sb-122

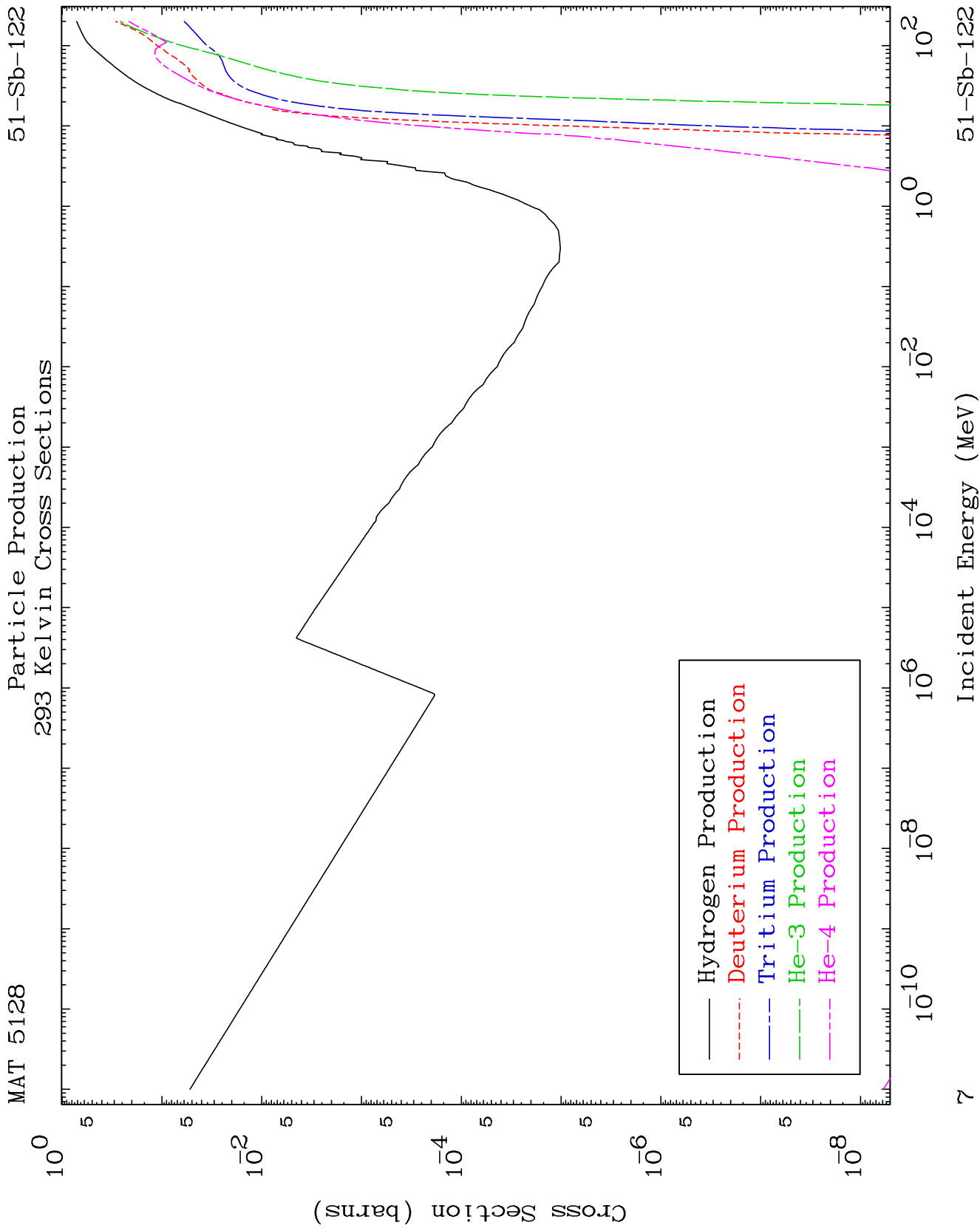


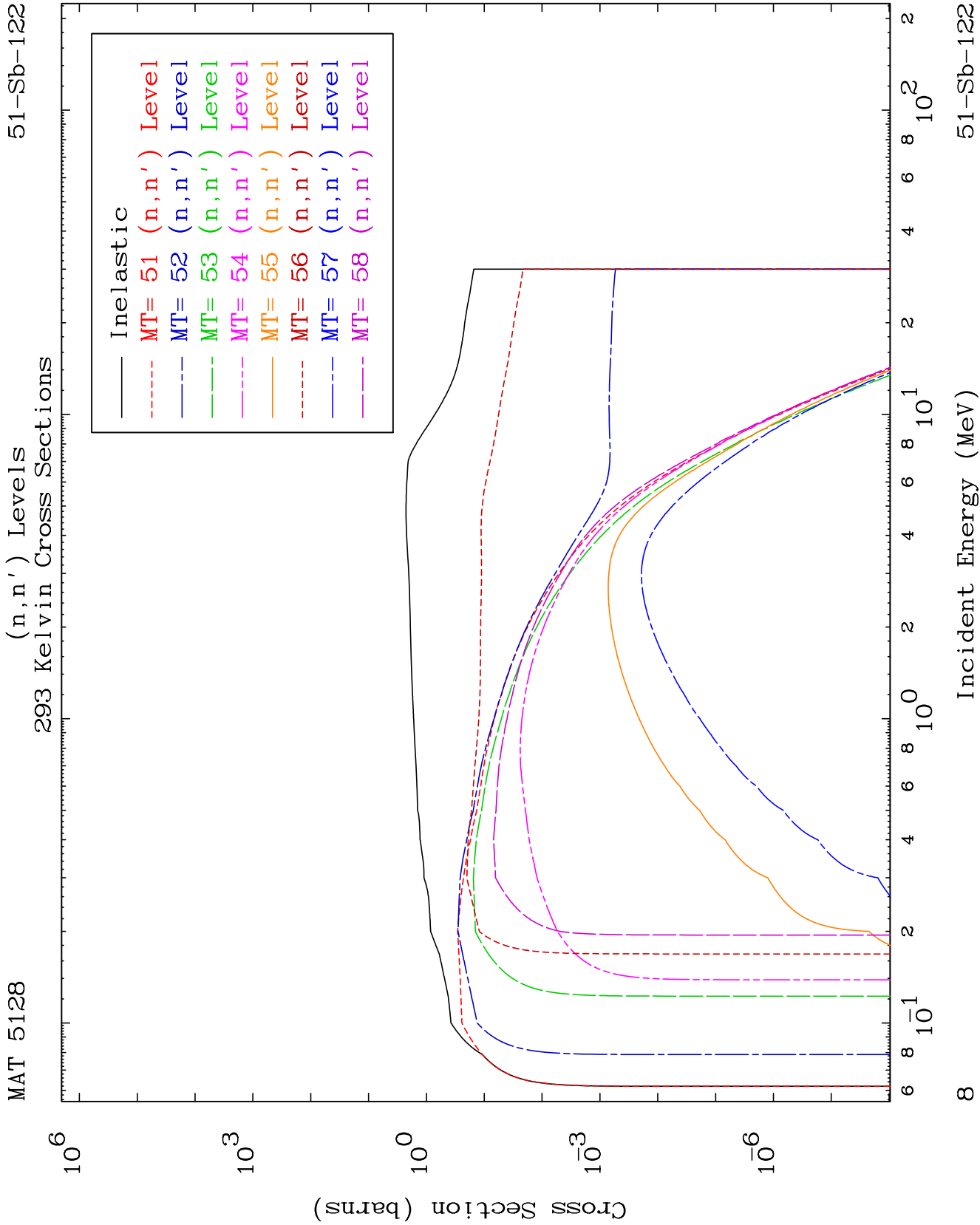


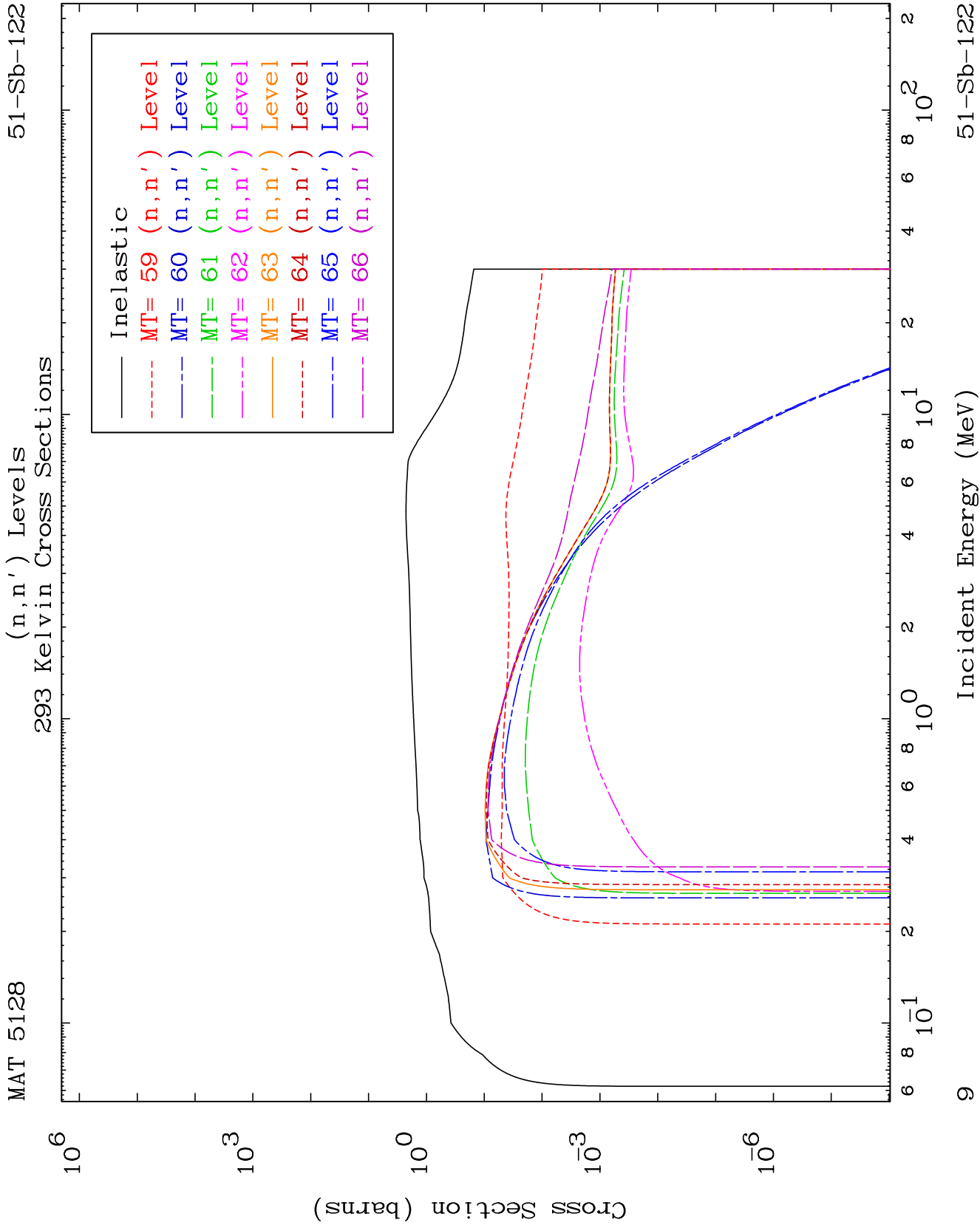


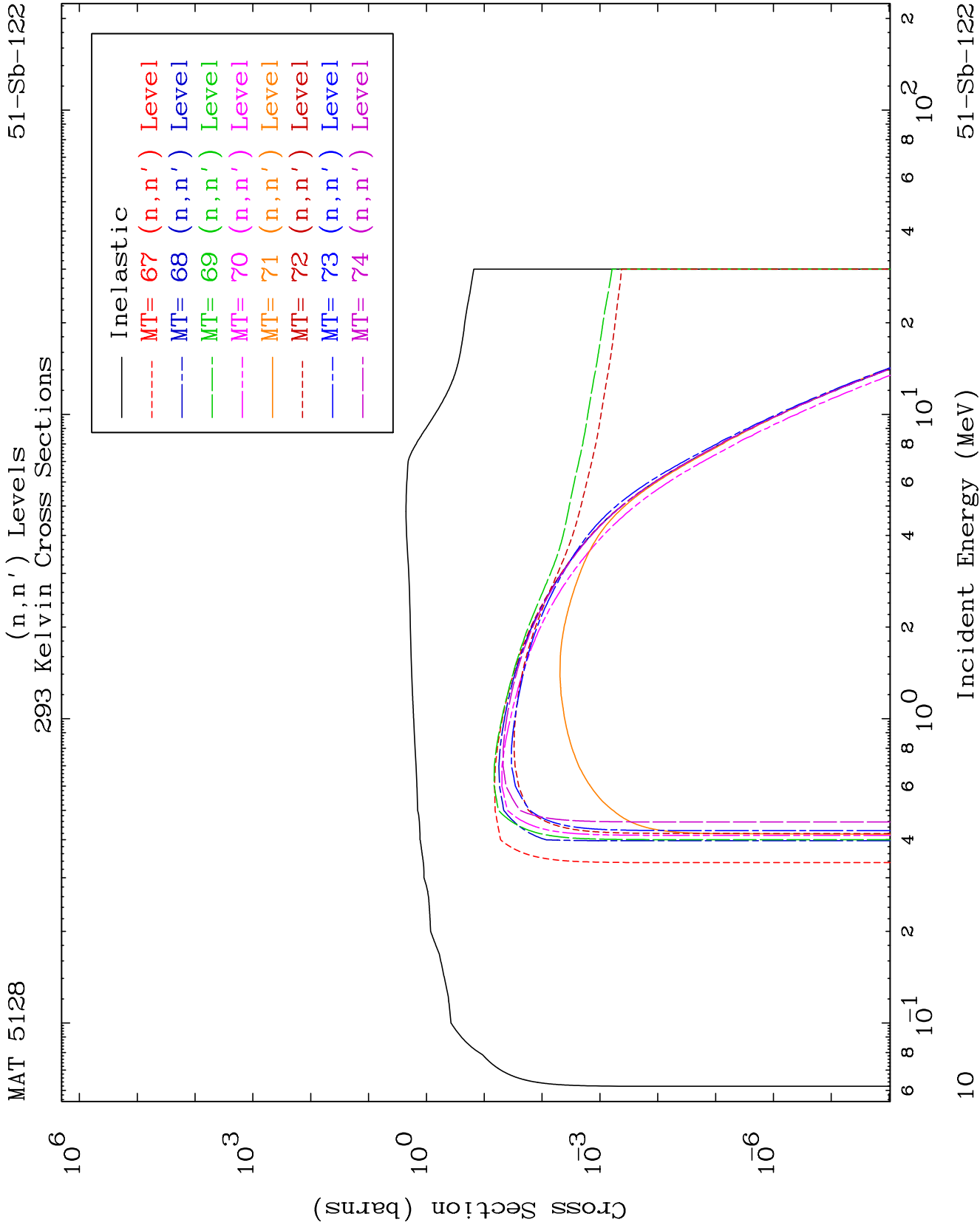


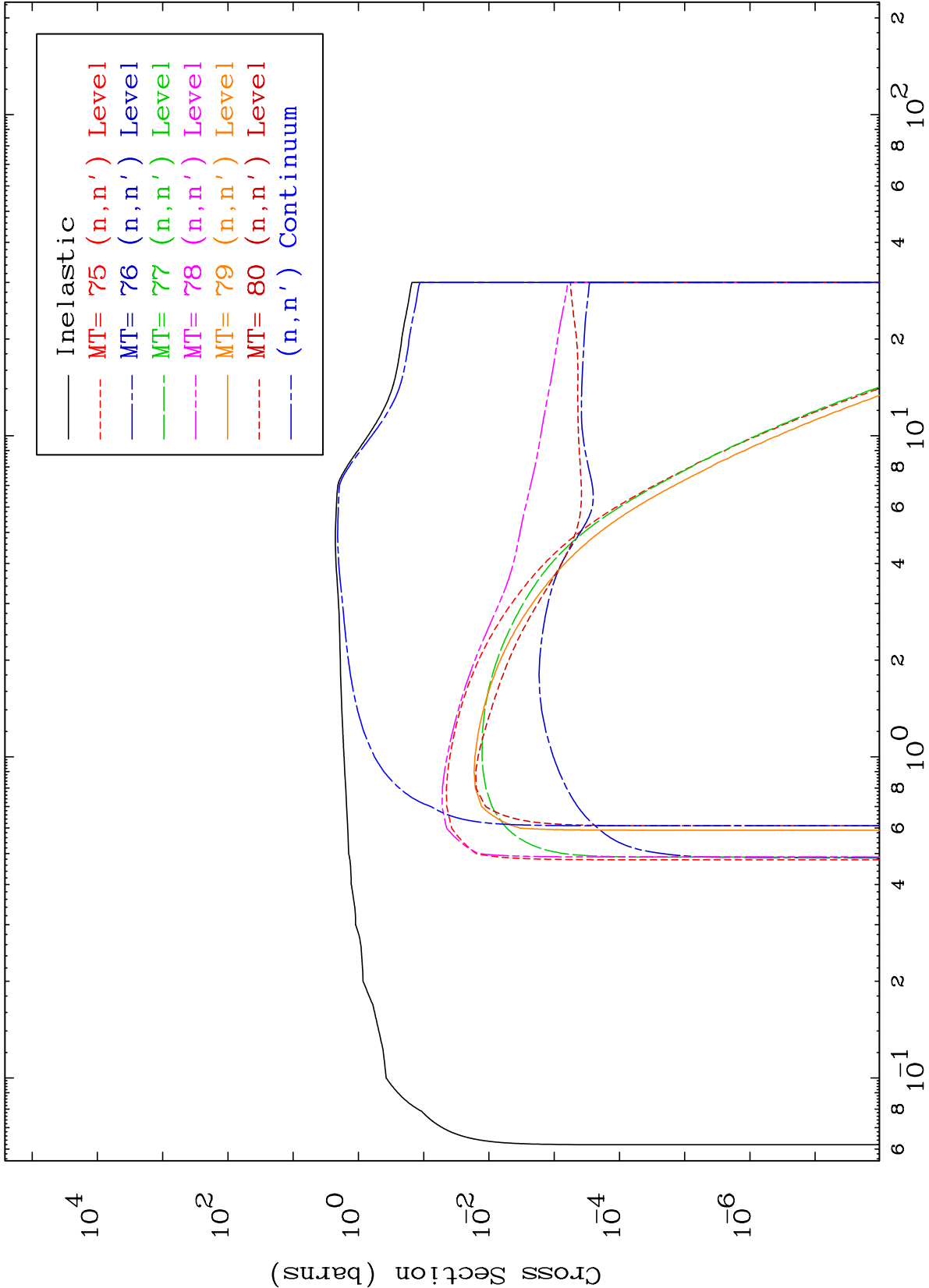


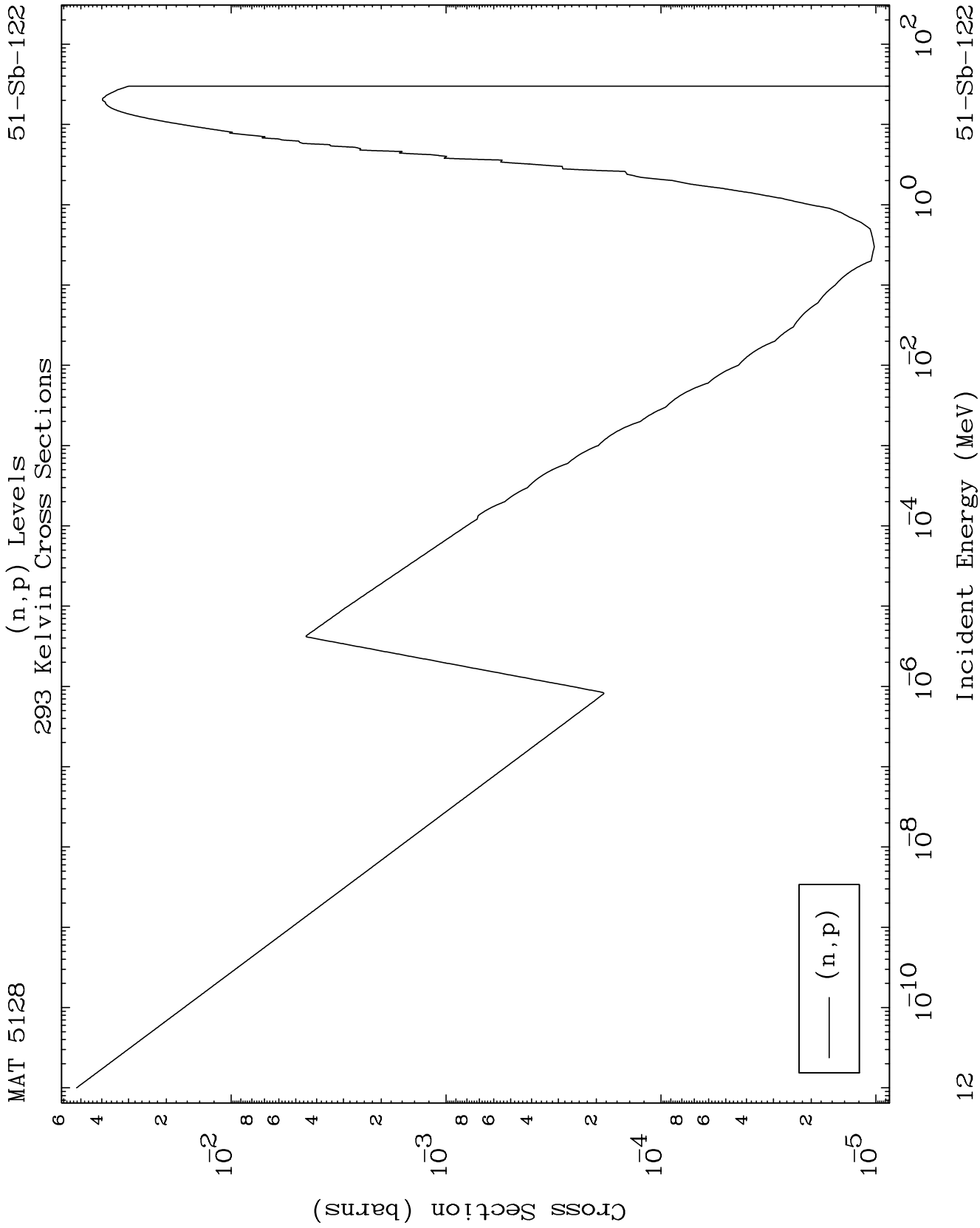








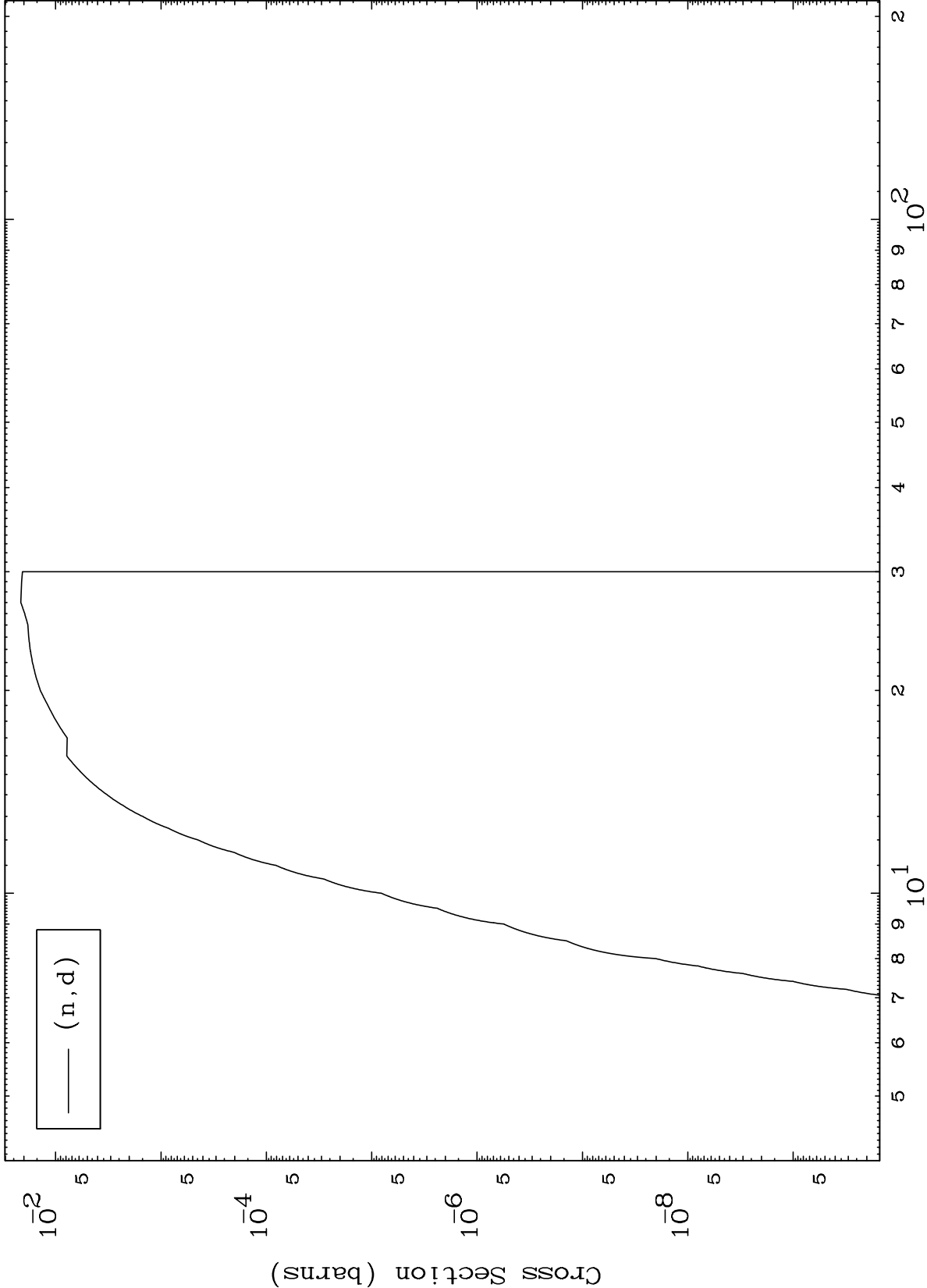




MAT 5128

(n,d) Levels
293 Kelvin Cross Sections

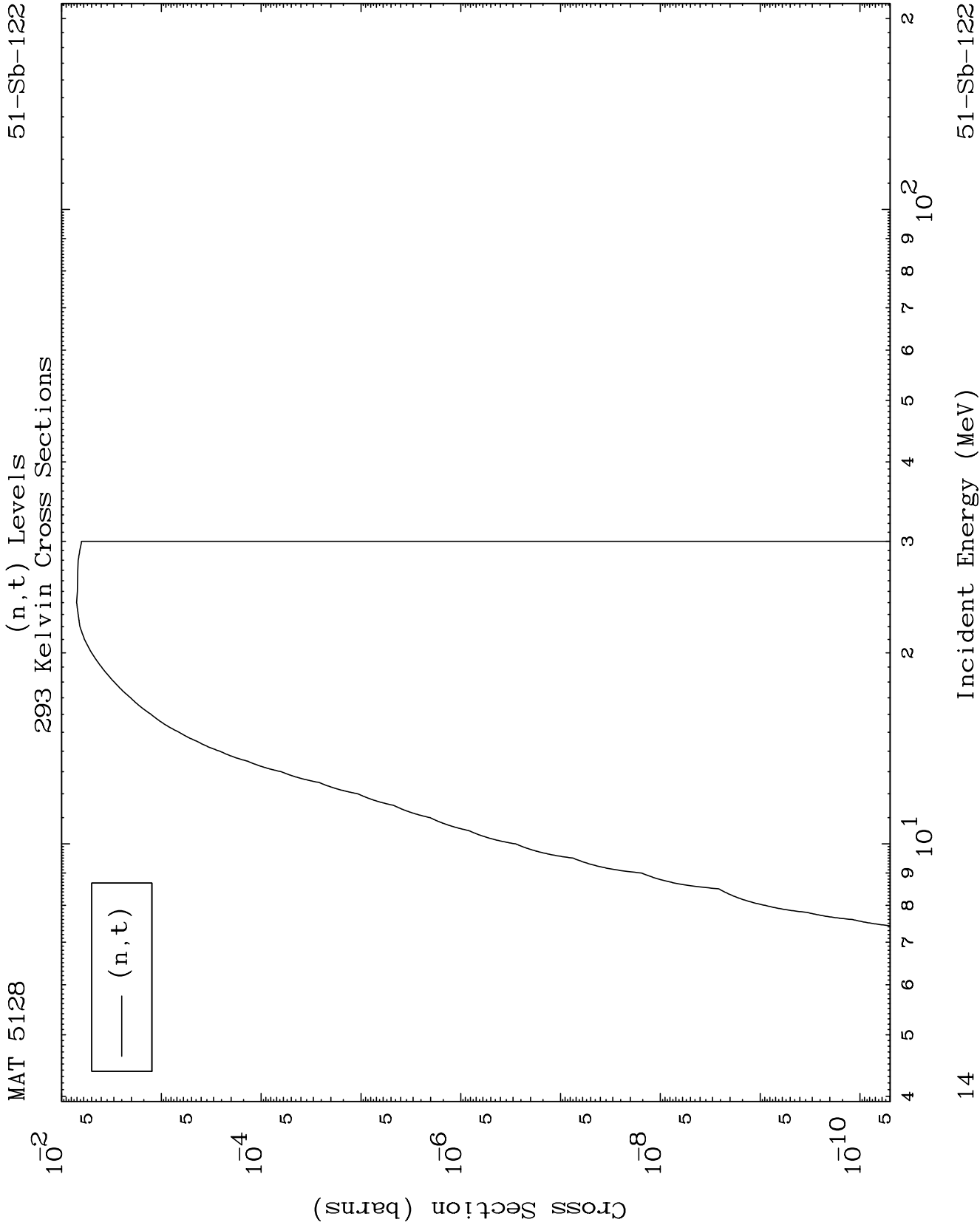
51-Sb-122



13

Incident Energy (MeV)

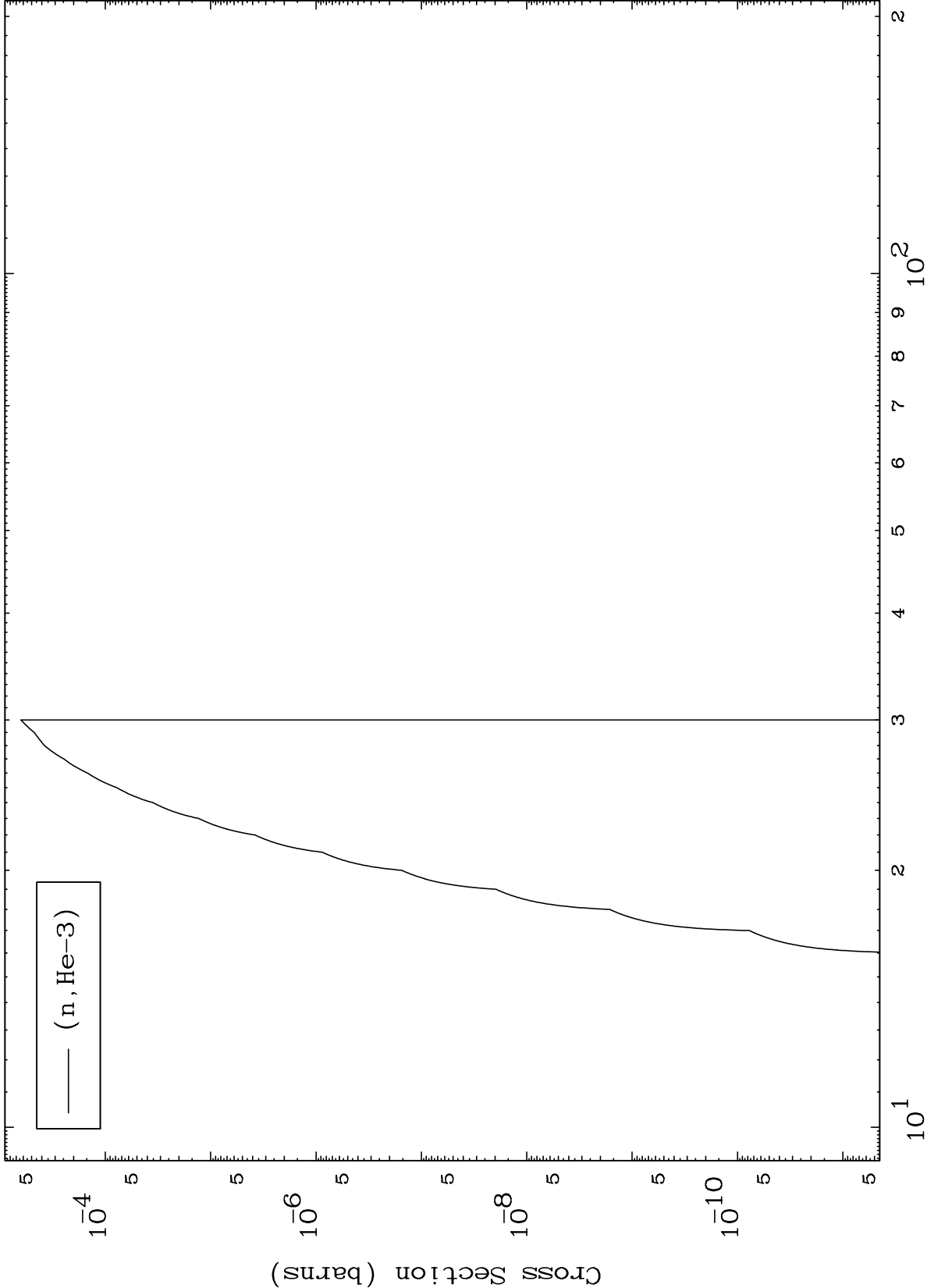
51-Sb-122



MAT 5128

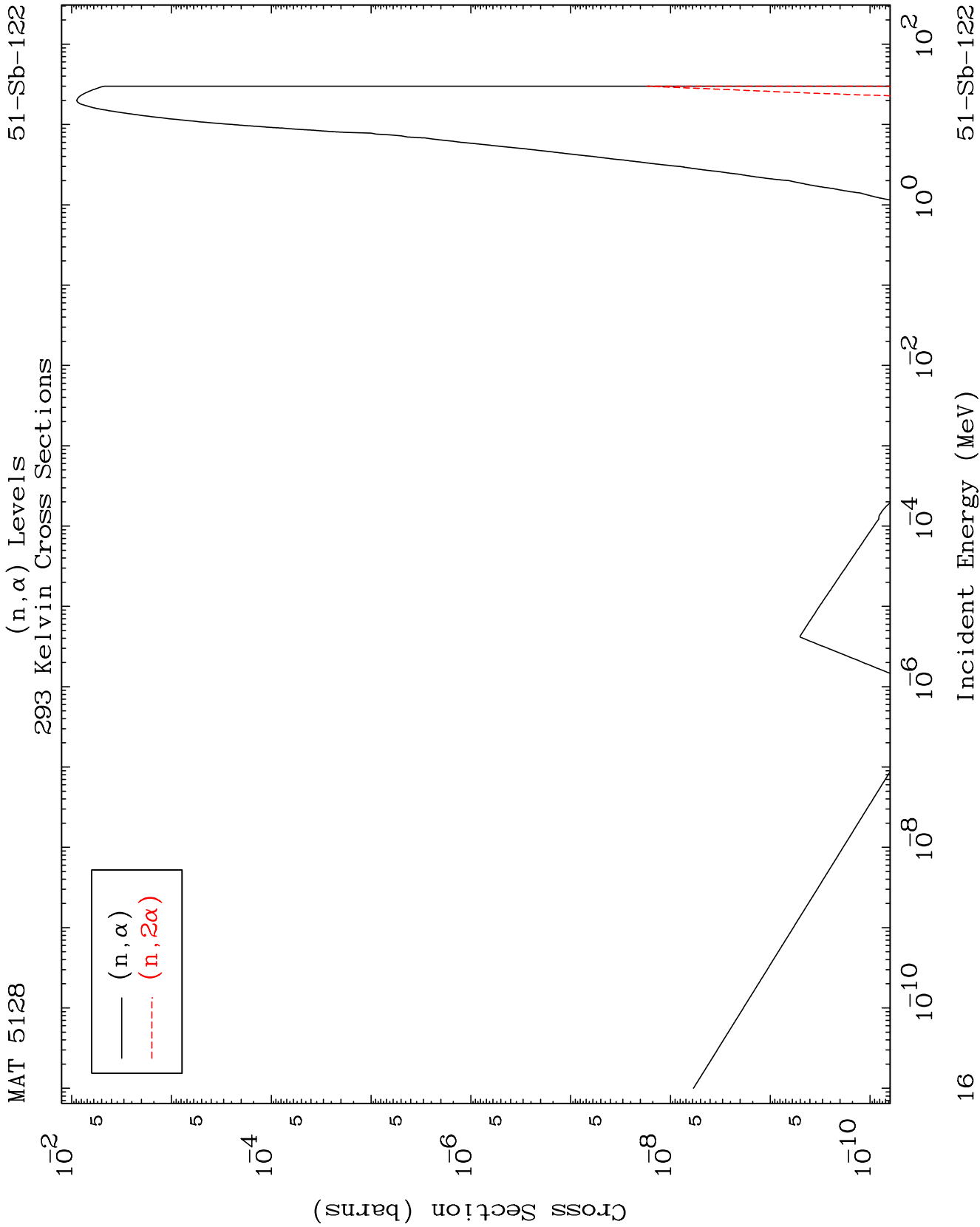
(n,He3) Levels
293 Kelvin Cross Sections

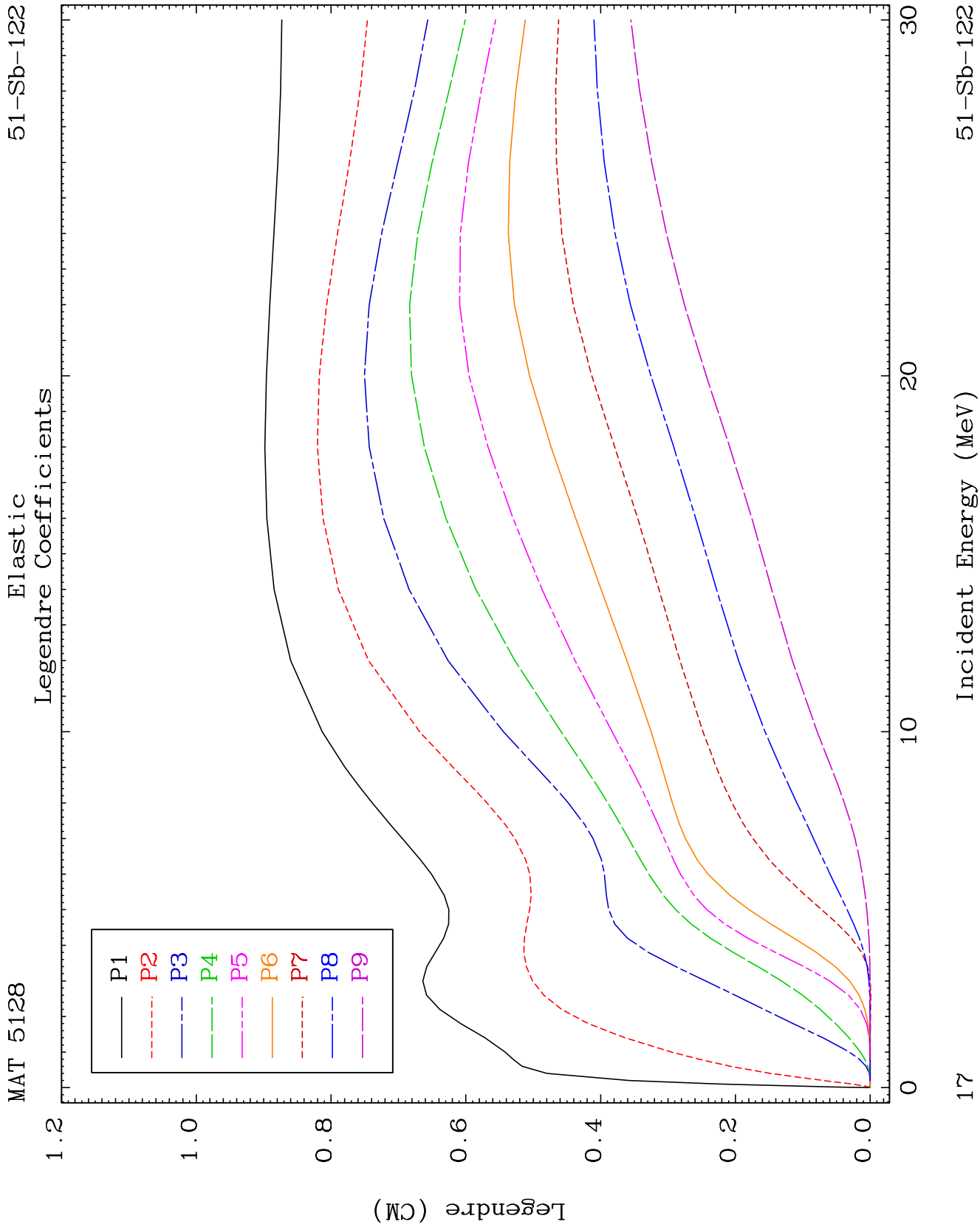
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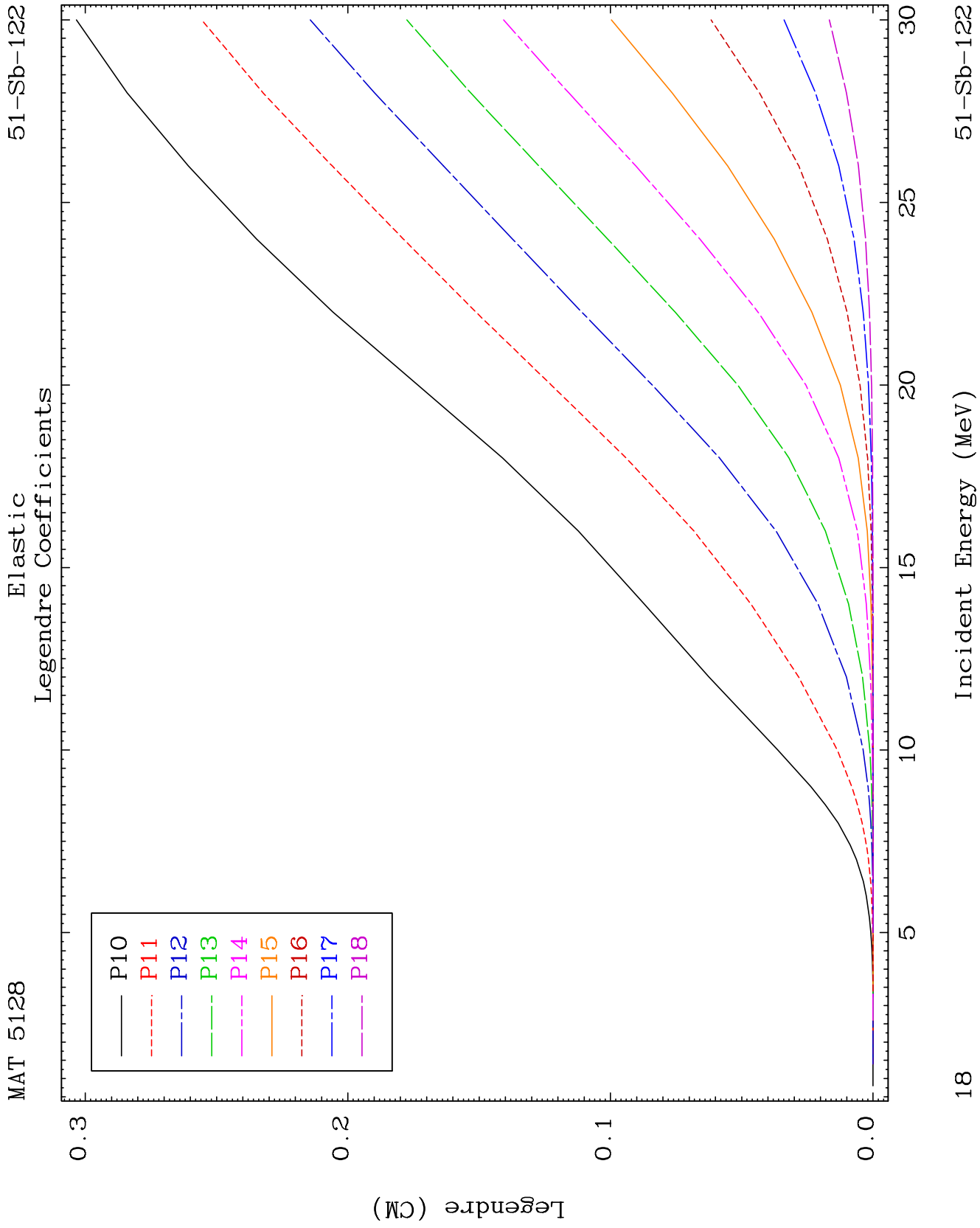


Incident Energy (MeV)

51-Sb-122



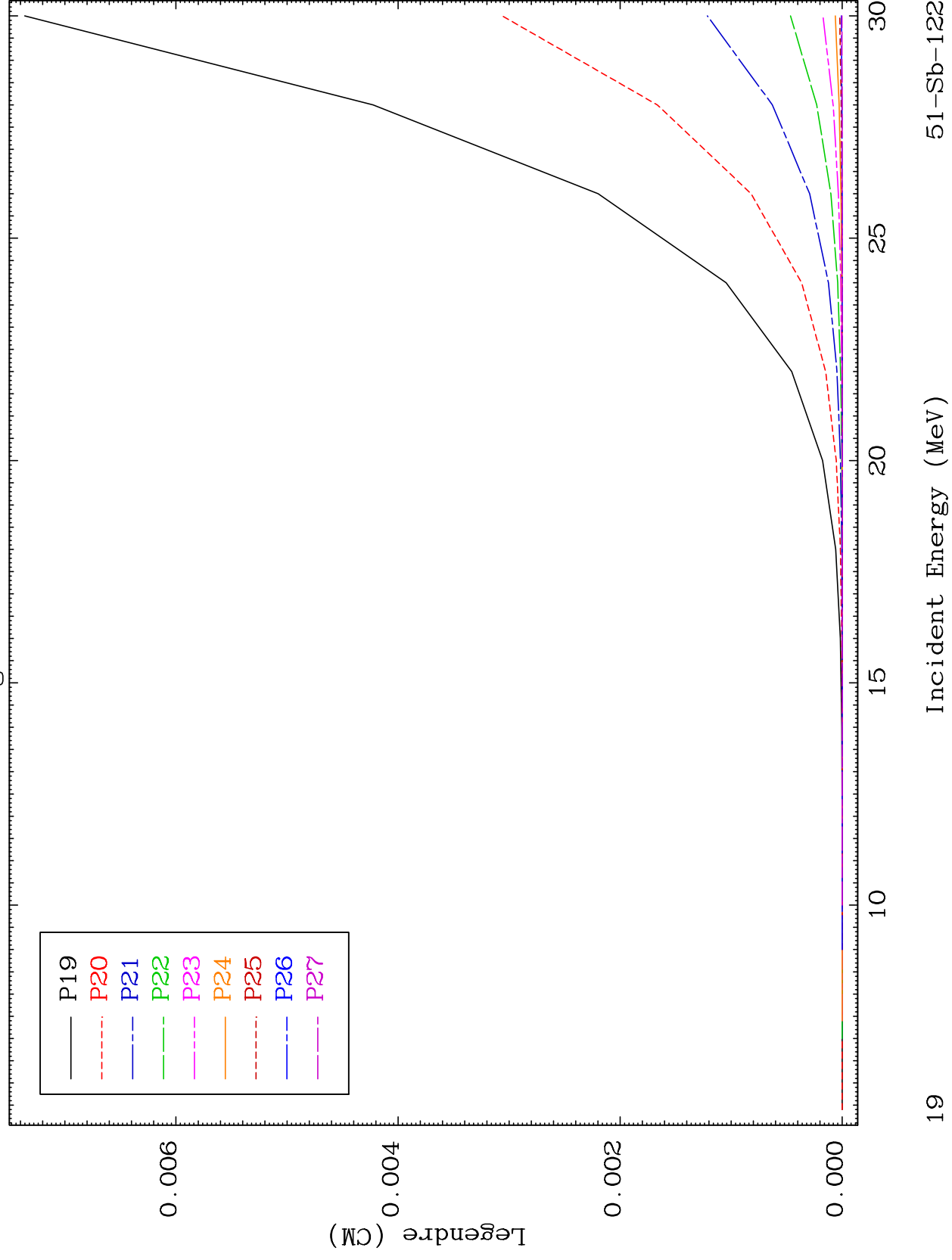


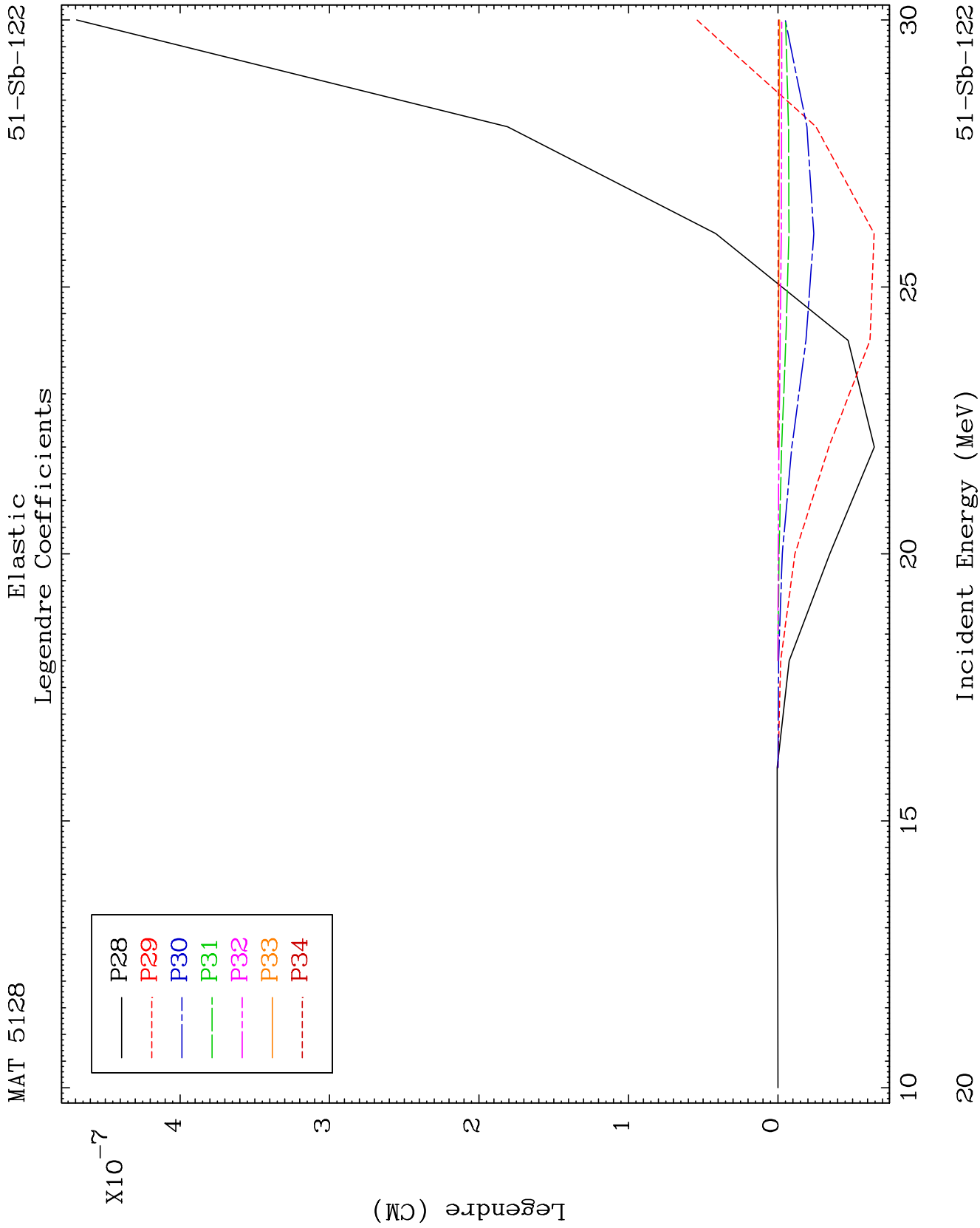


MAT 5128

Elastic Legendre Coefficients

51-Sb-122

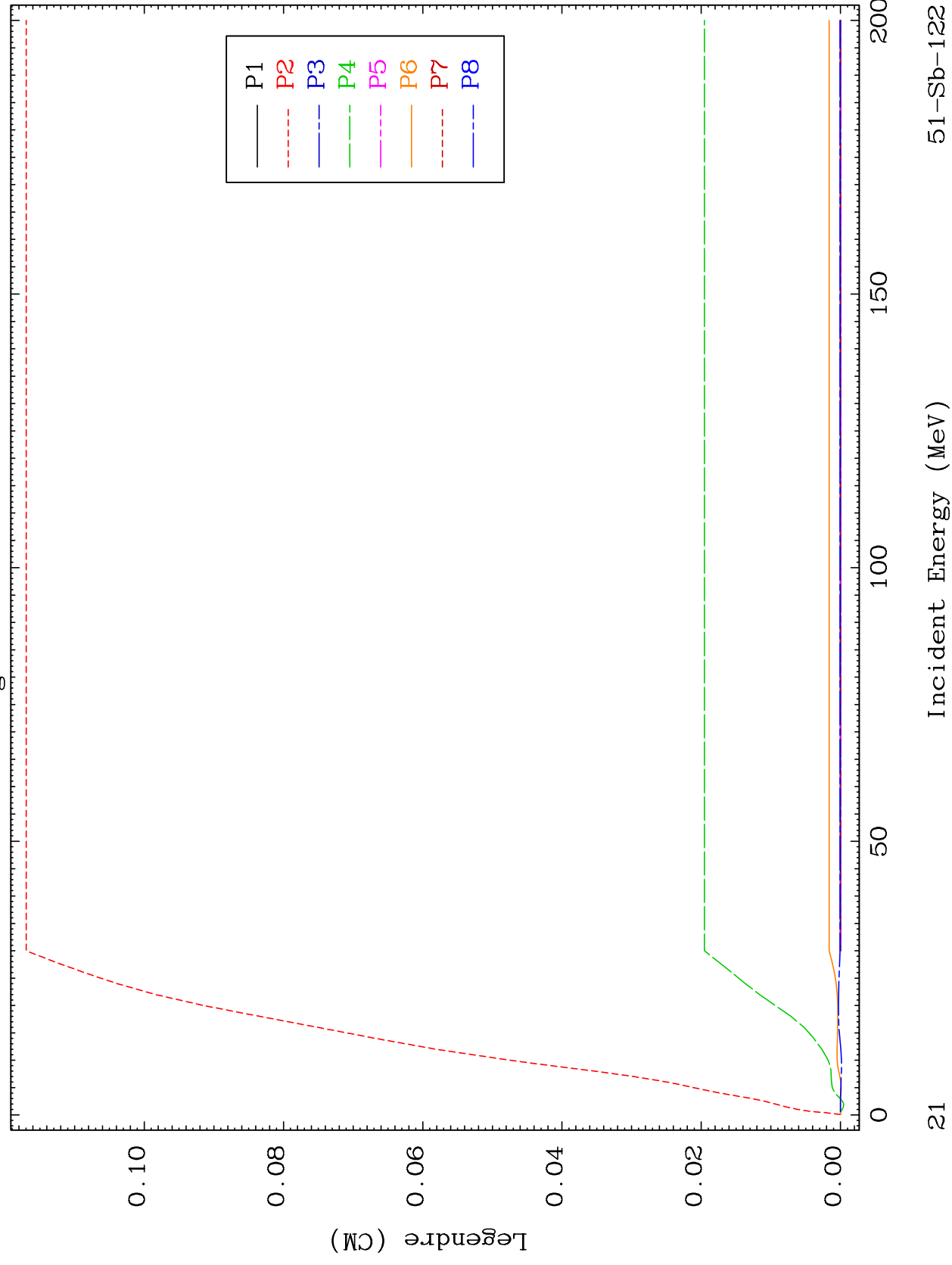


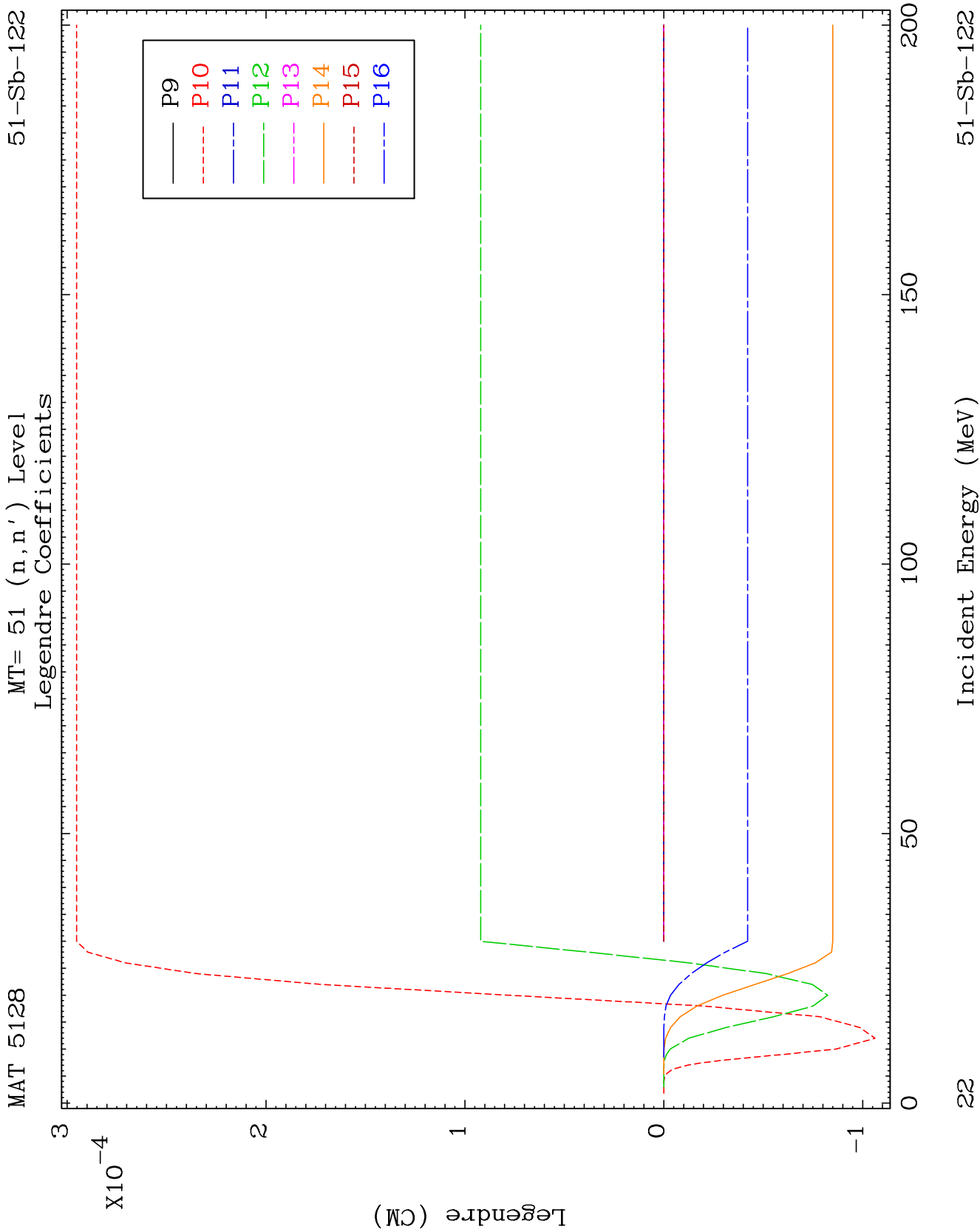


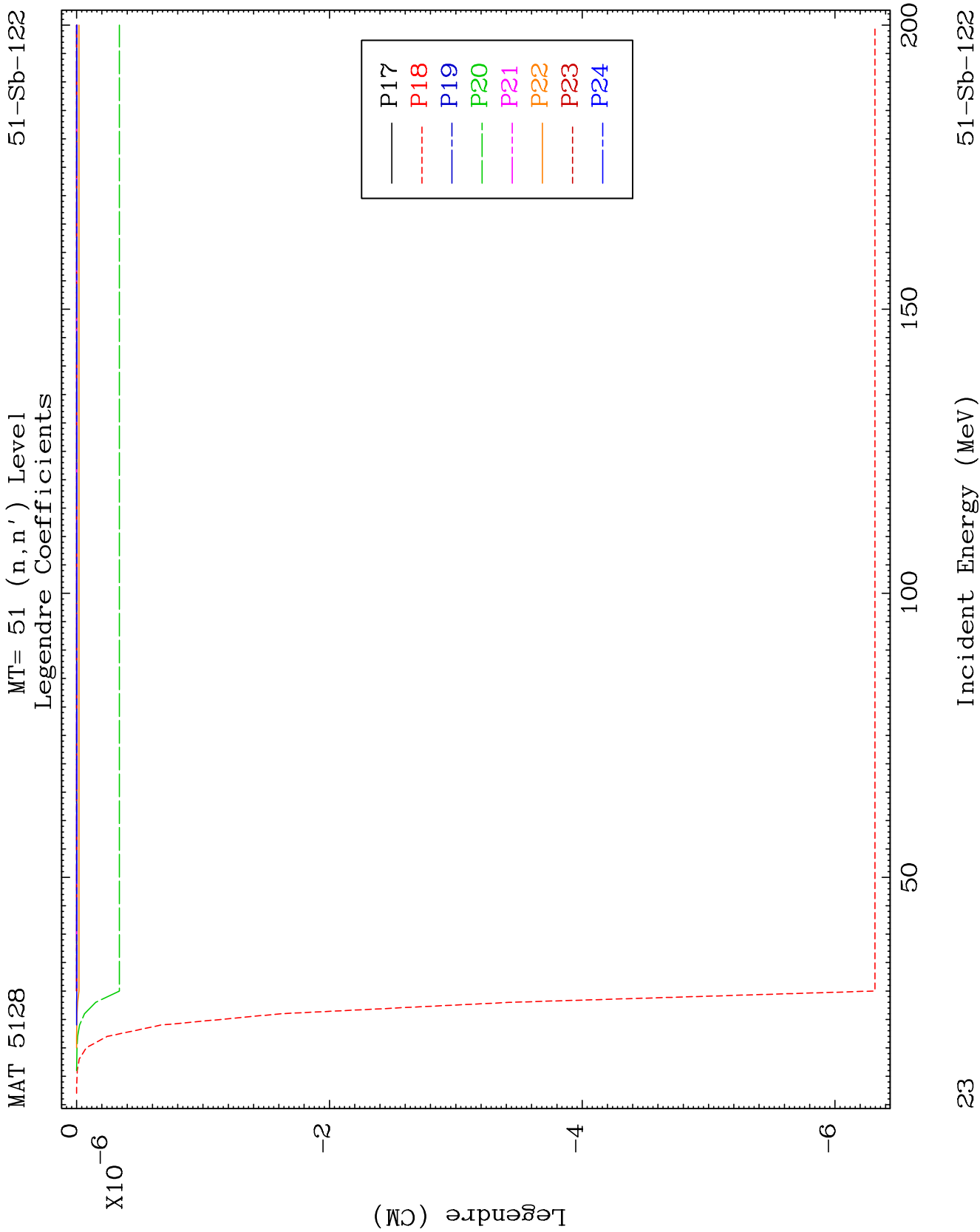
MAT 5128

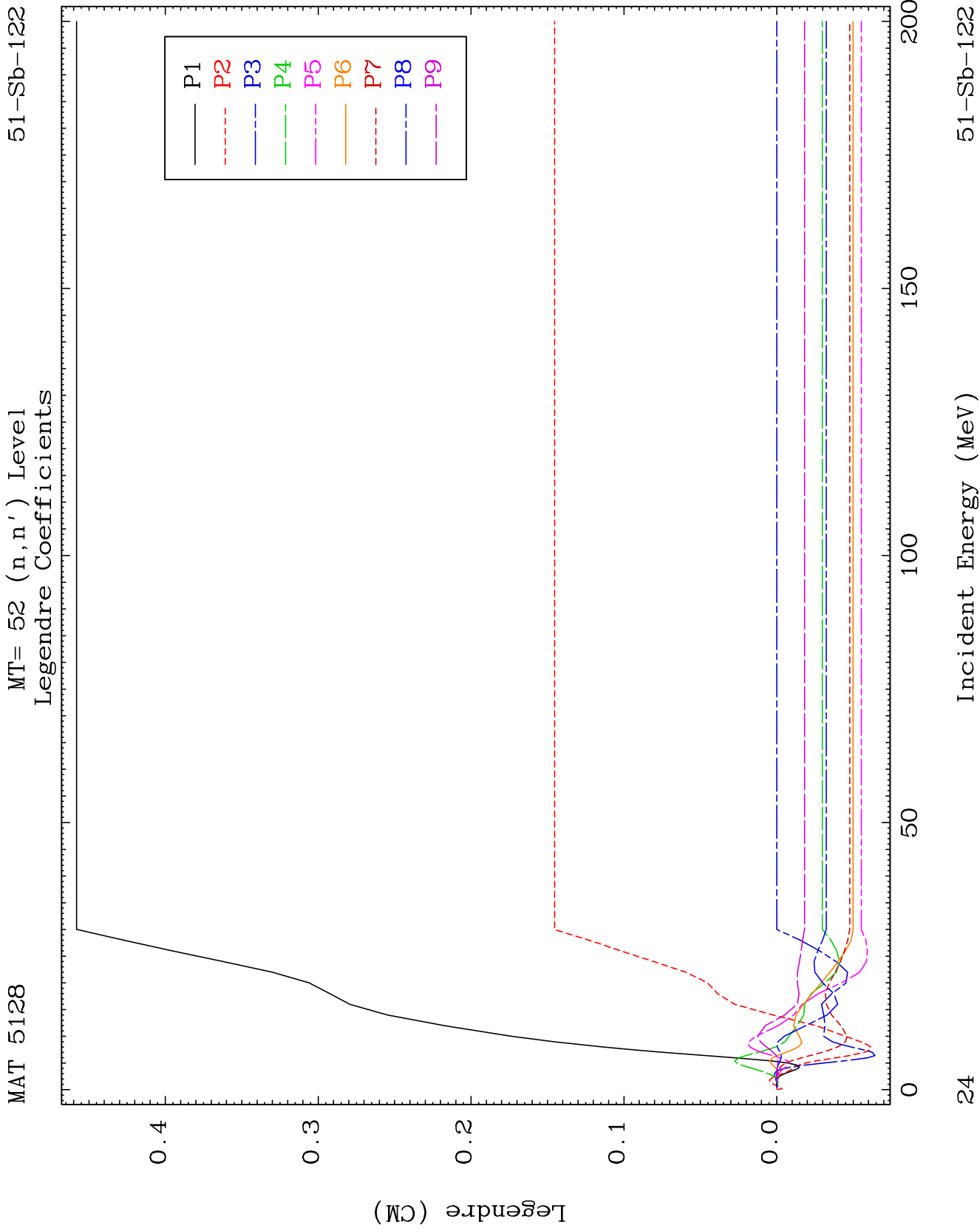
MT= 51 (n, n') Level
Legendre Coefficients

51-Sb-122





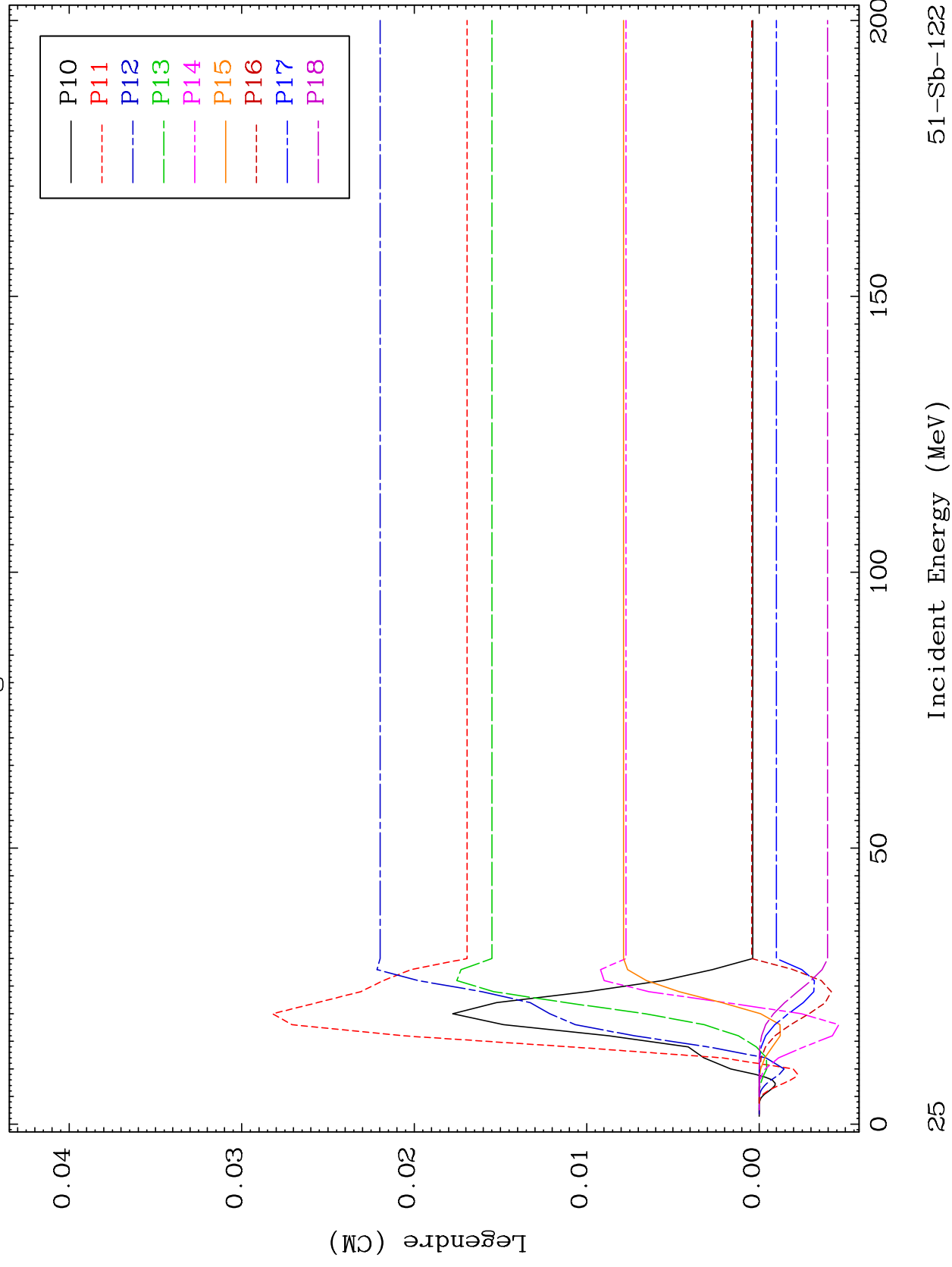


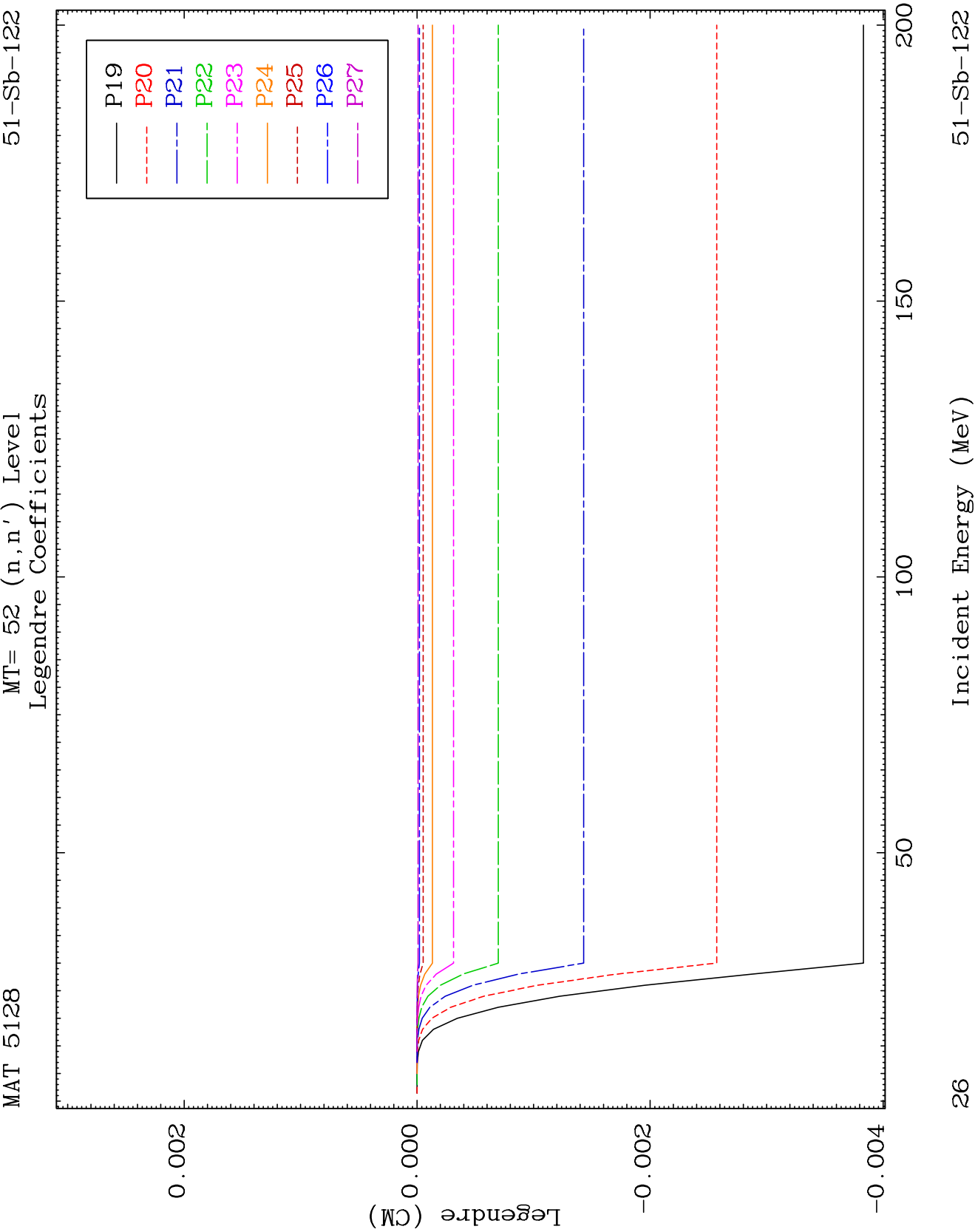


MAT 5128

MT= 52 (n, n') Level
Legendre Coefficients

51-Sb-122

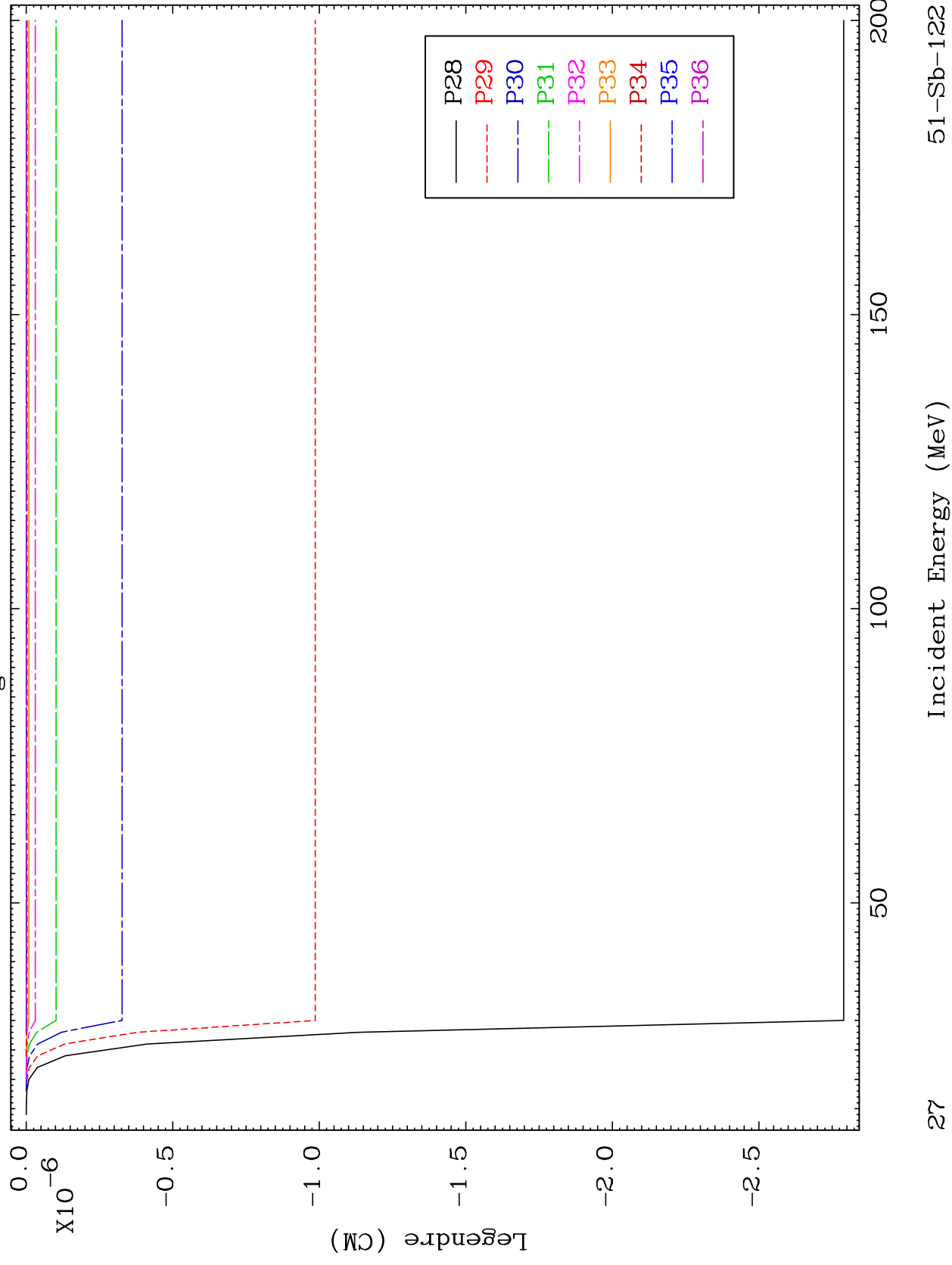




MAT 5128

MT= 52 (n, n') Level
Legendre Coefficients

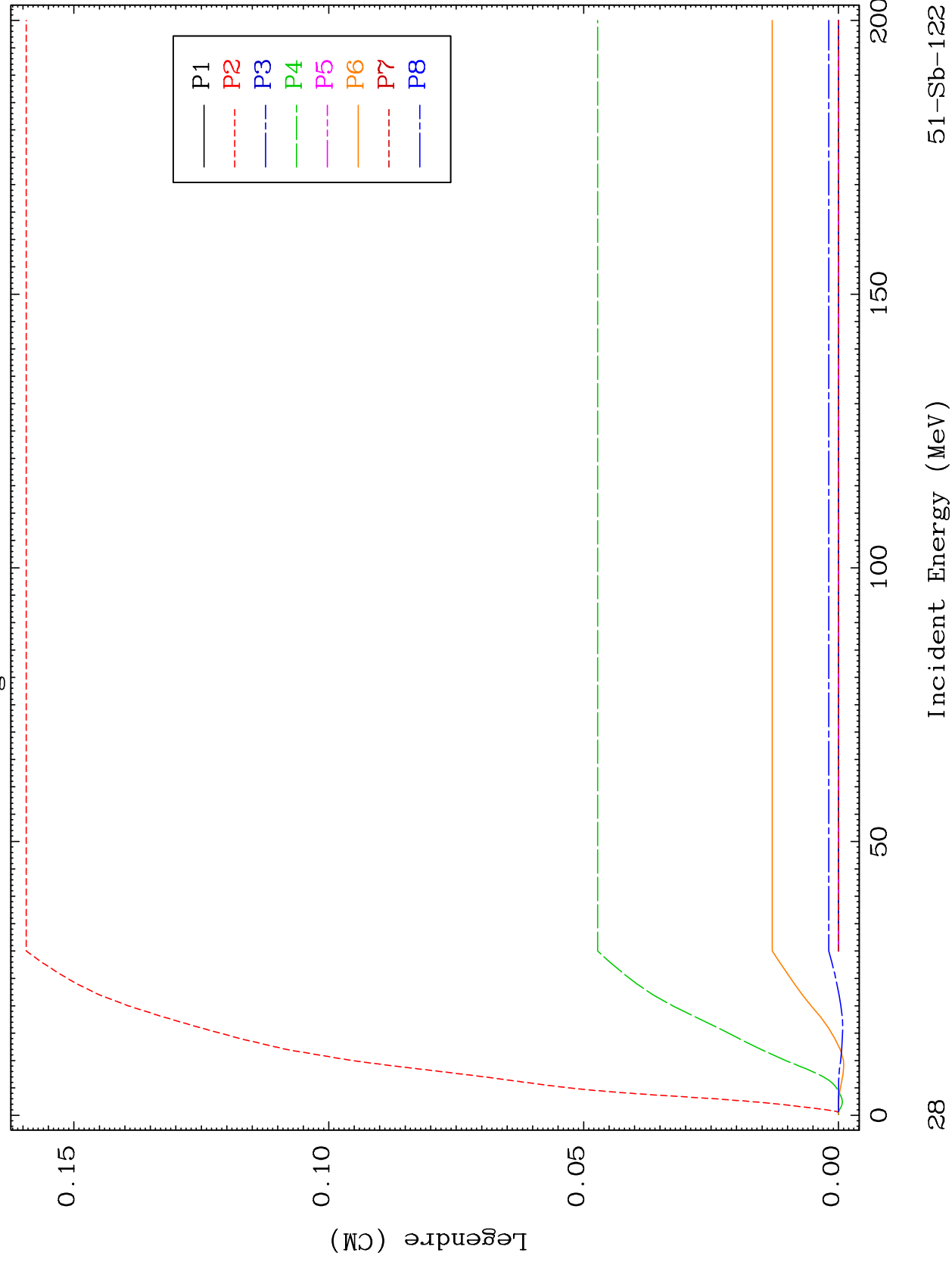
51-Sb-122

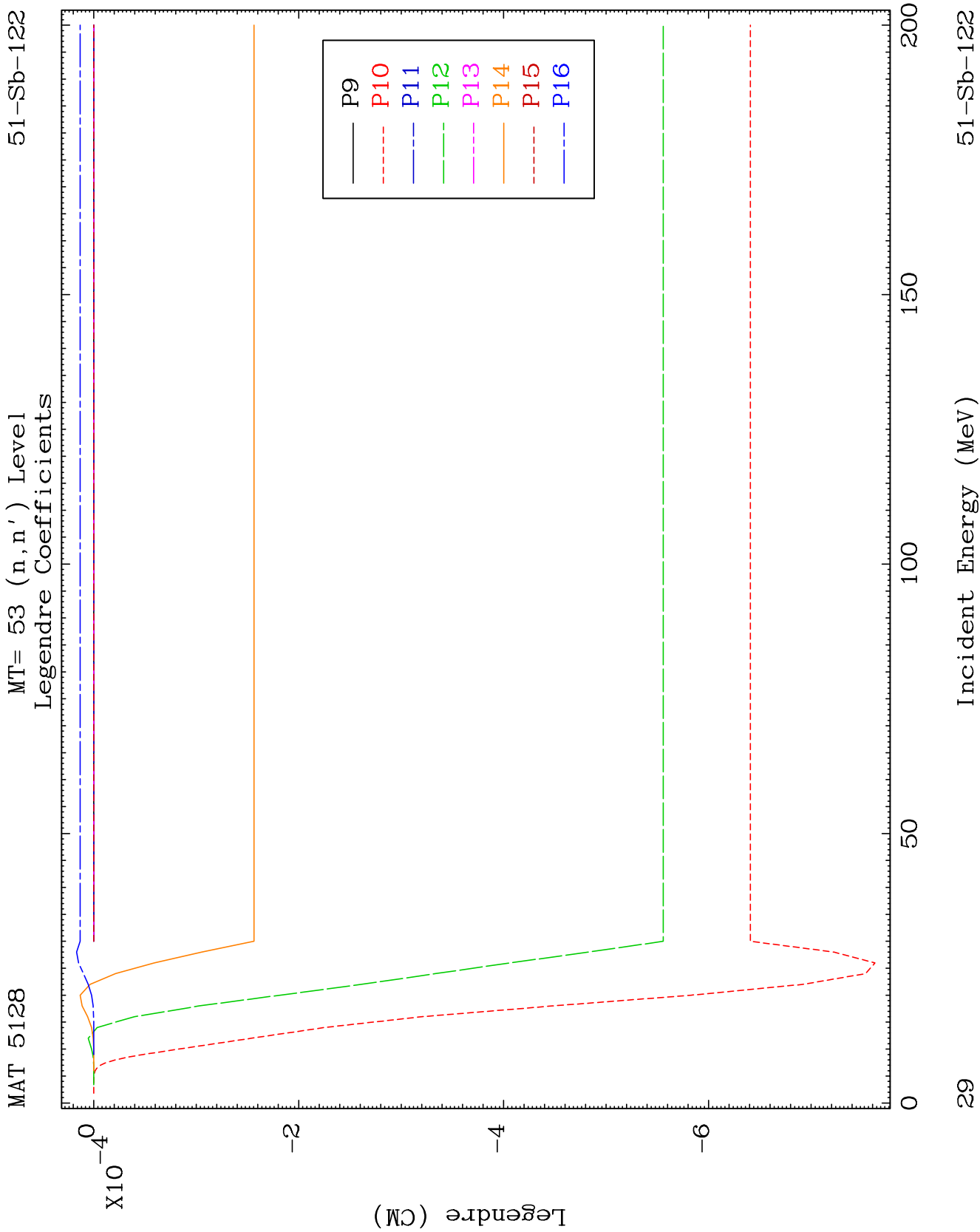


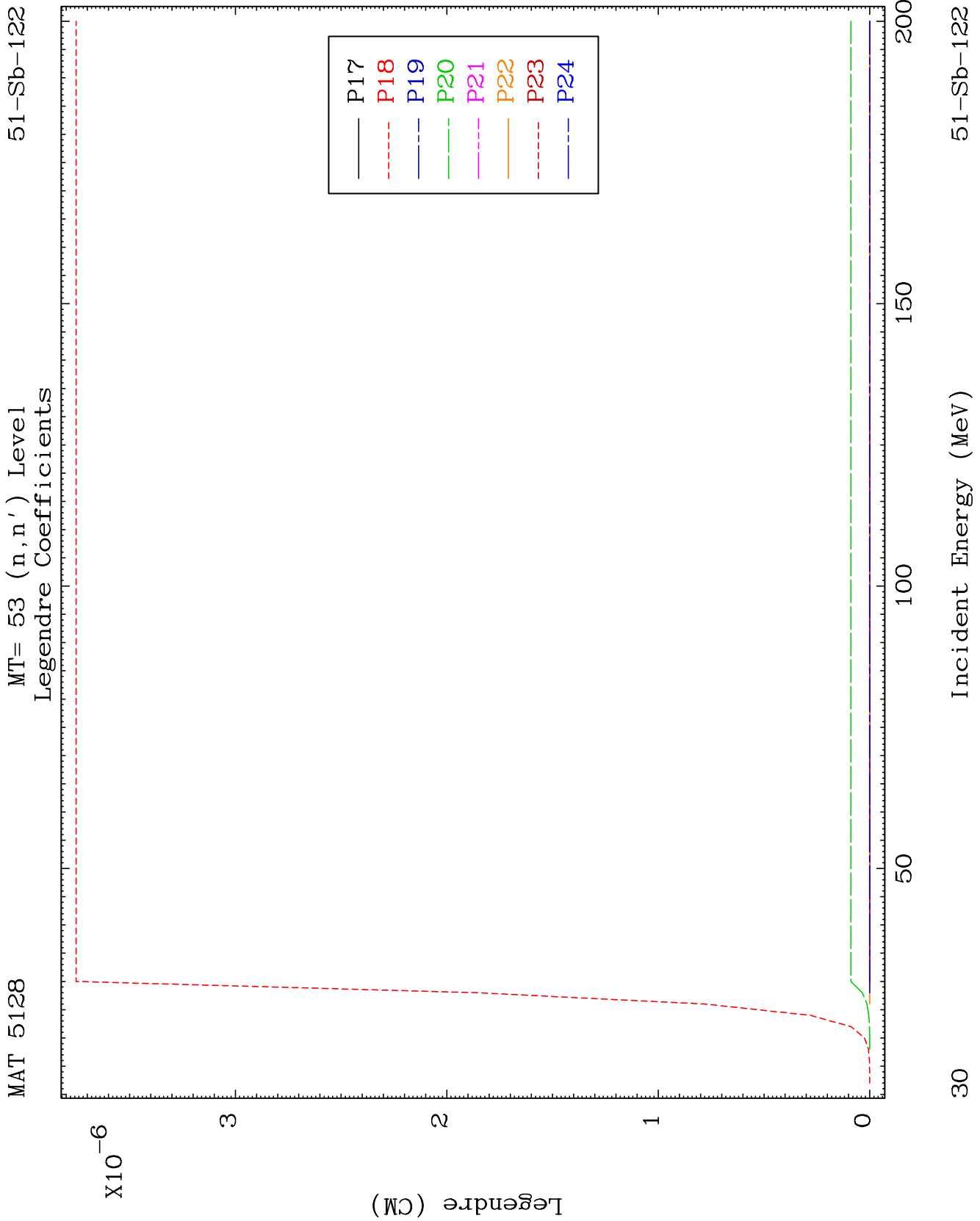
MAT 5128

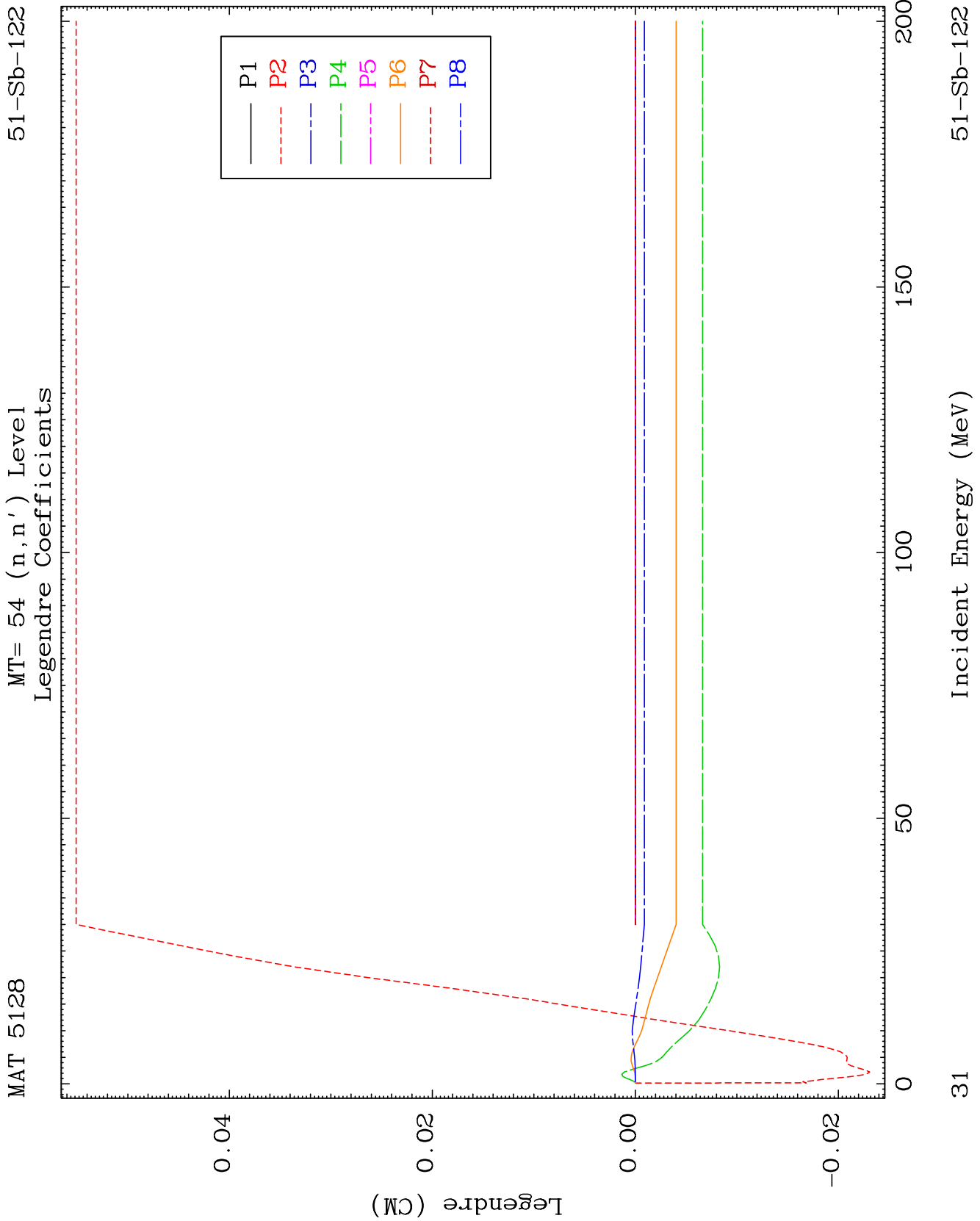
MT= 53 (n, n') Level
Legendre Coefficients

51-Sb-122





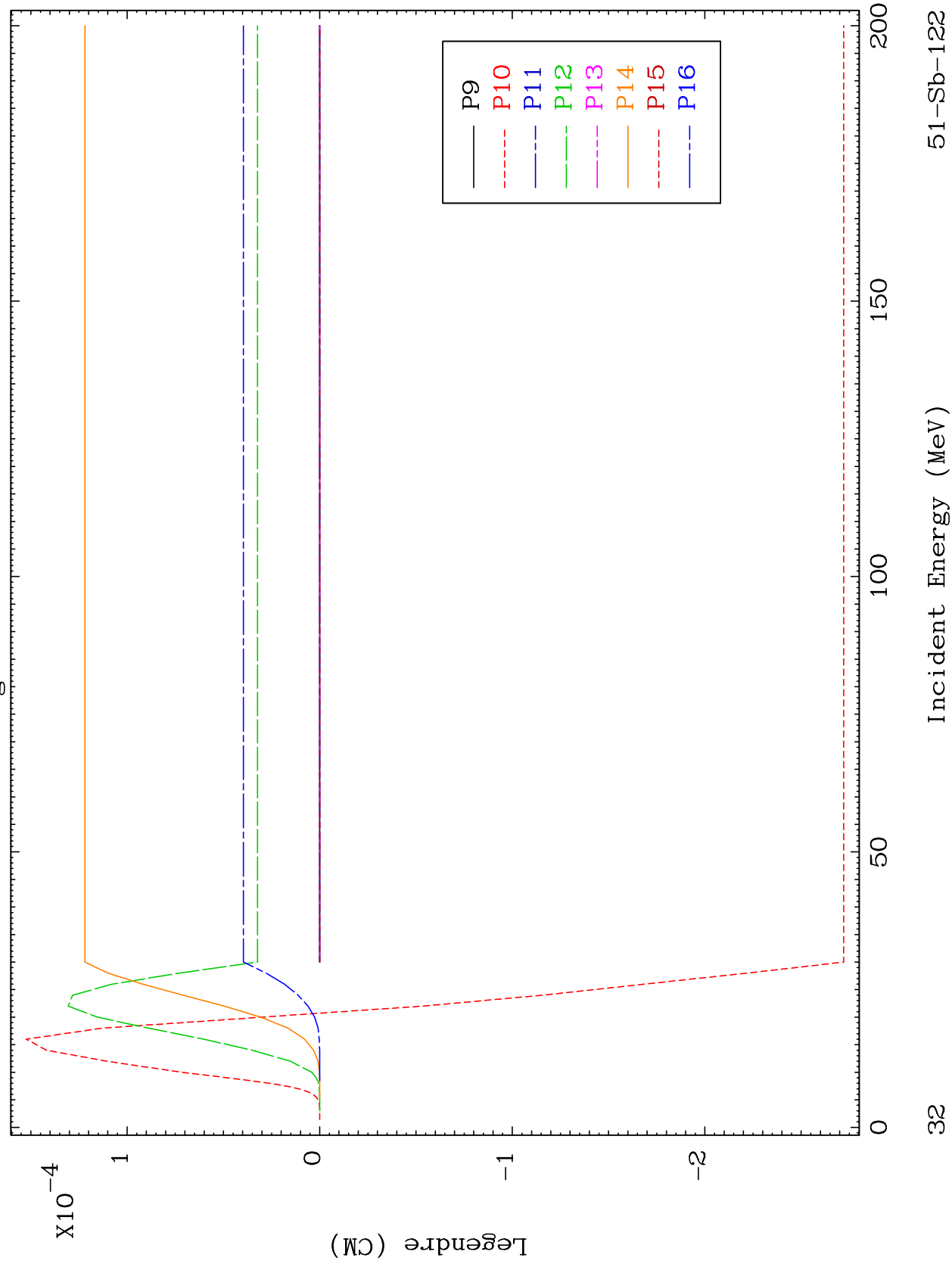


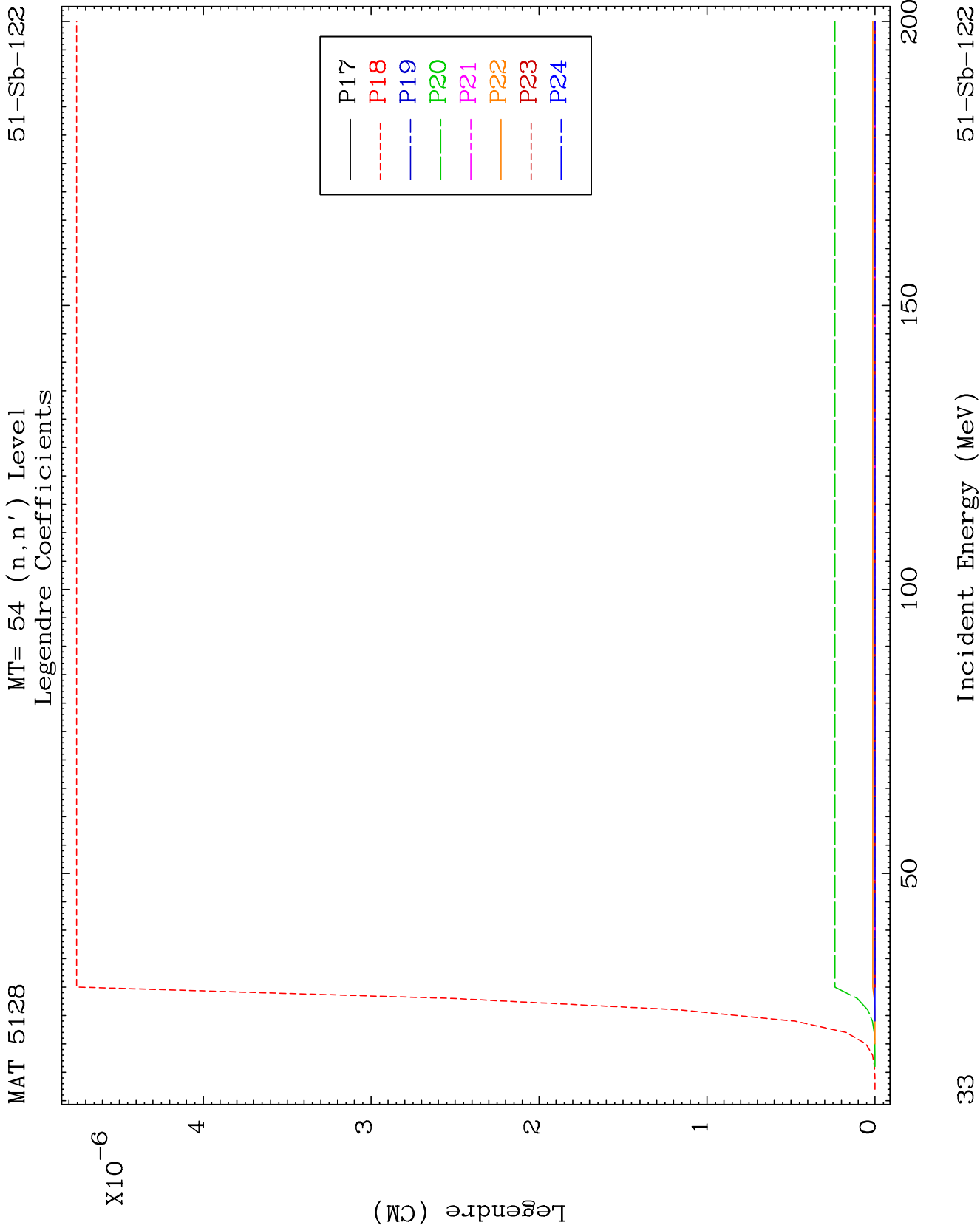


MAT 5128

MT= 54 (n, n') Level
Legendre Coefficients

51-Sb-122

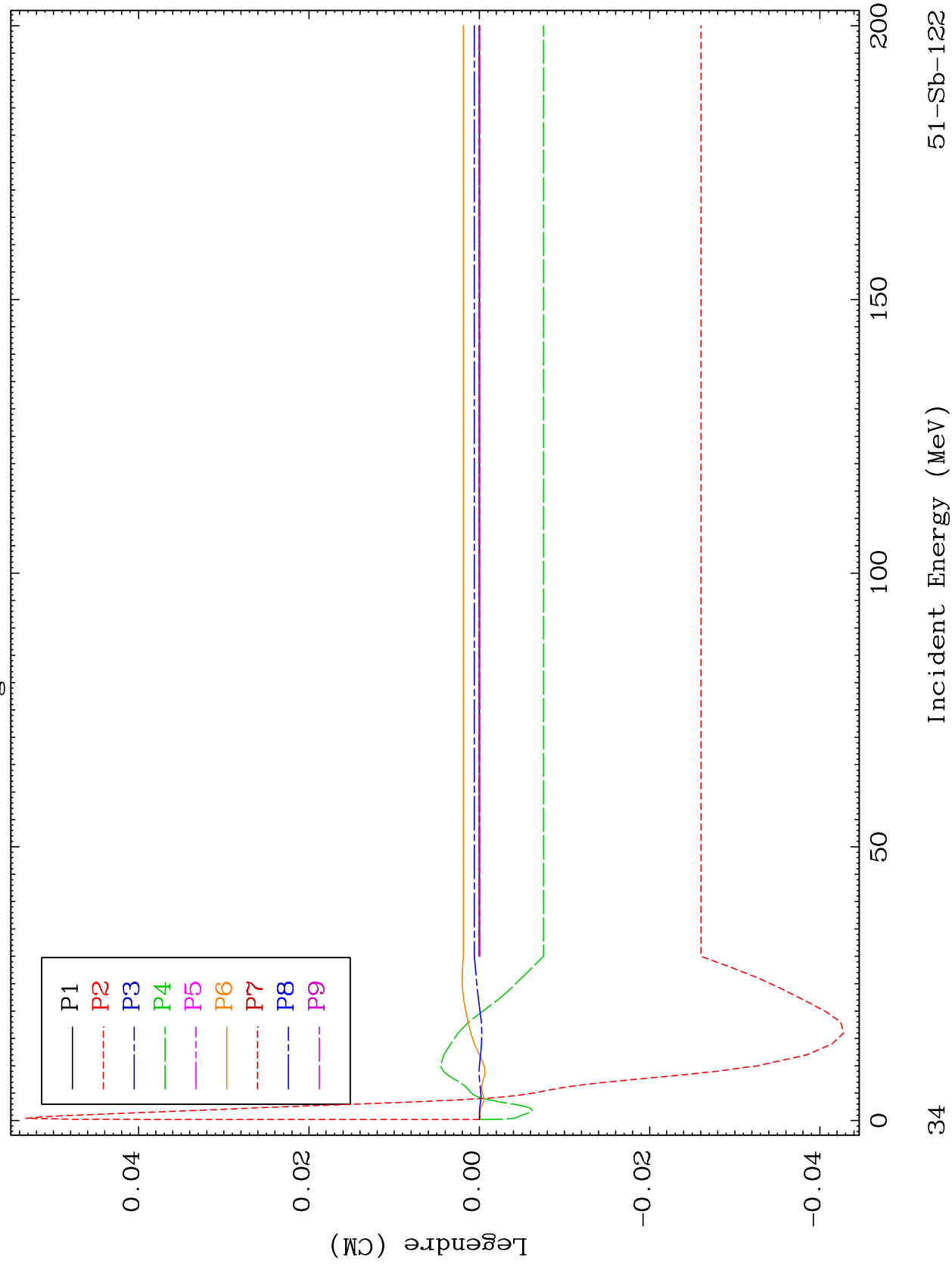


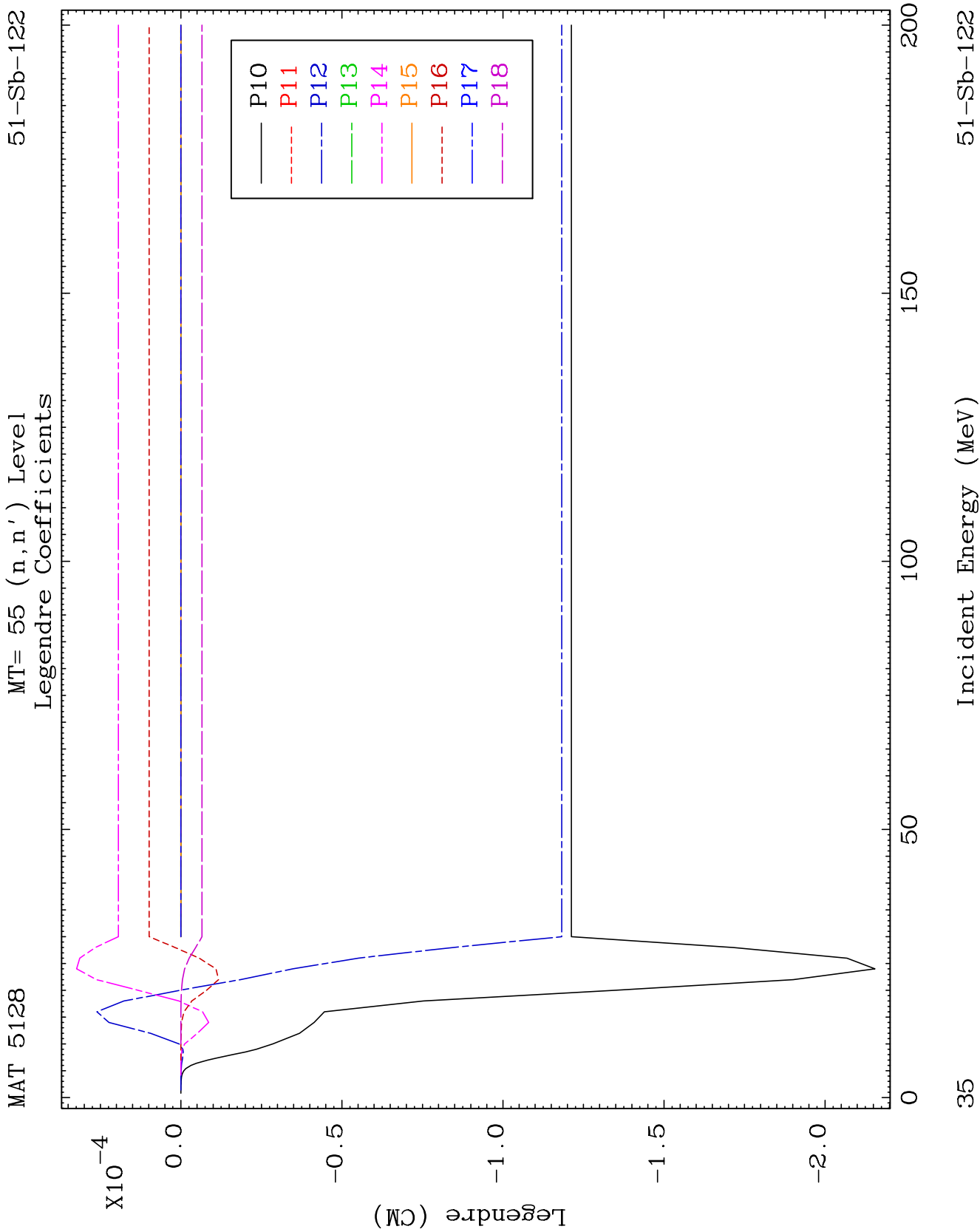


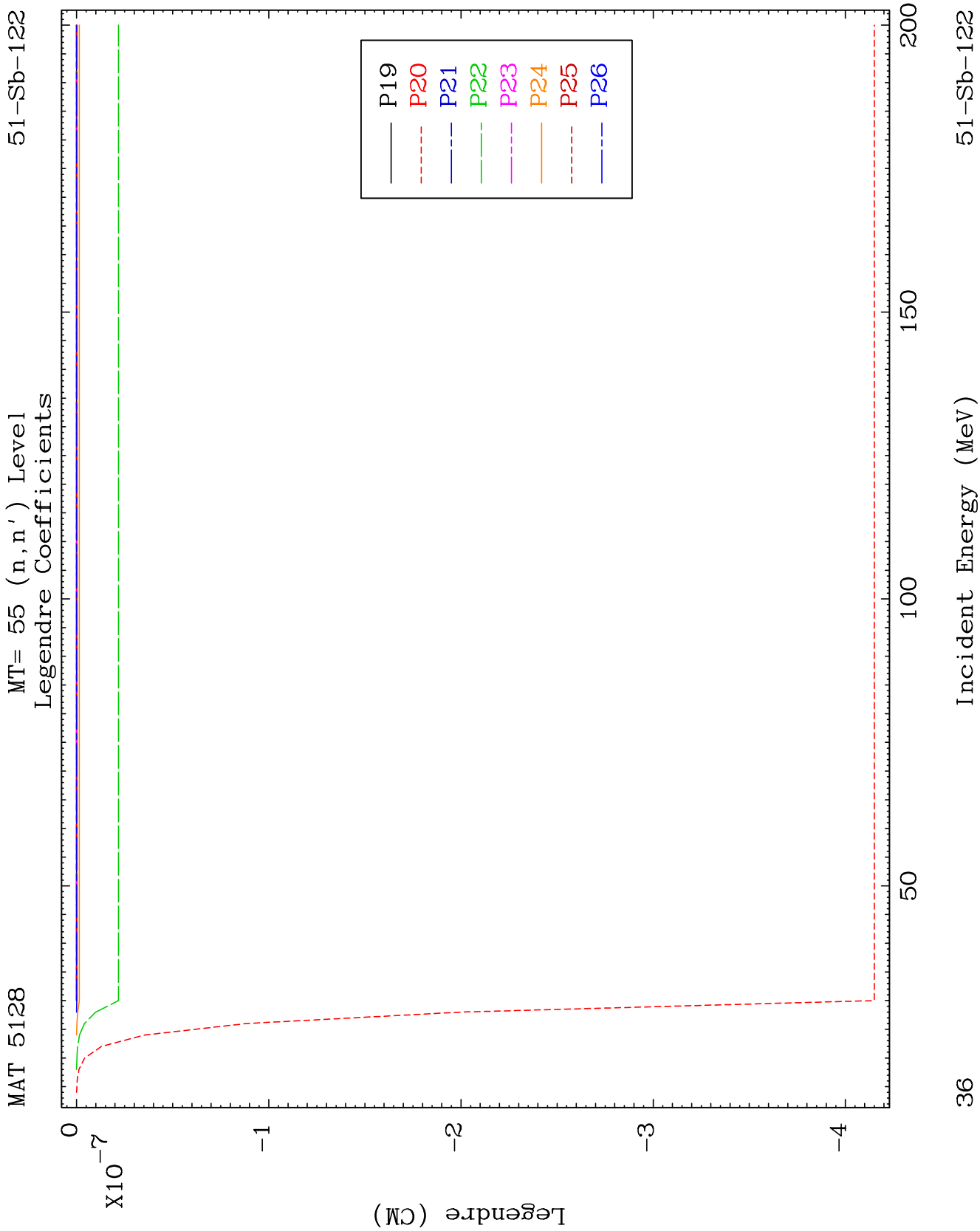
MAT 5128

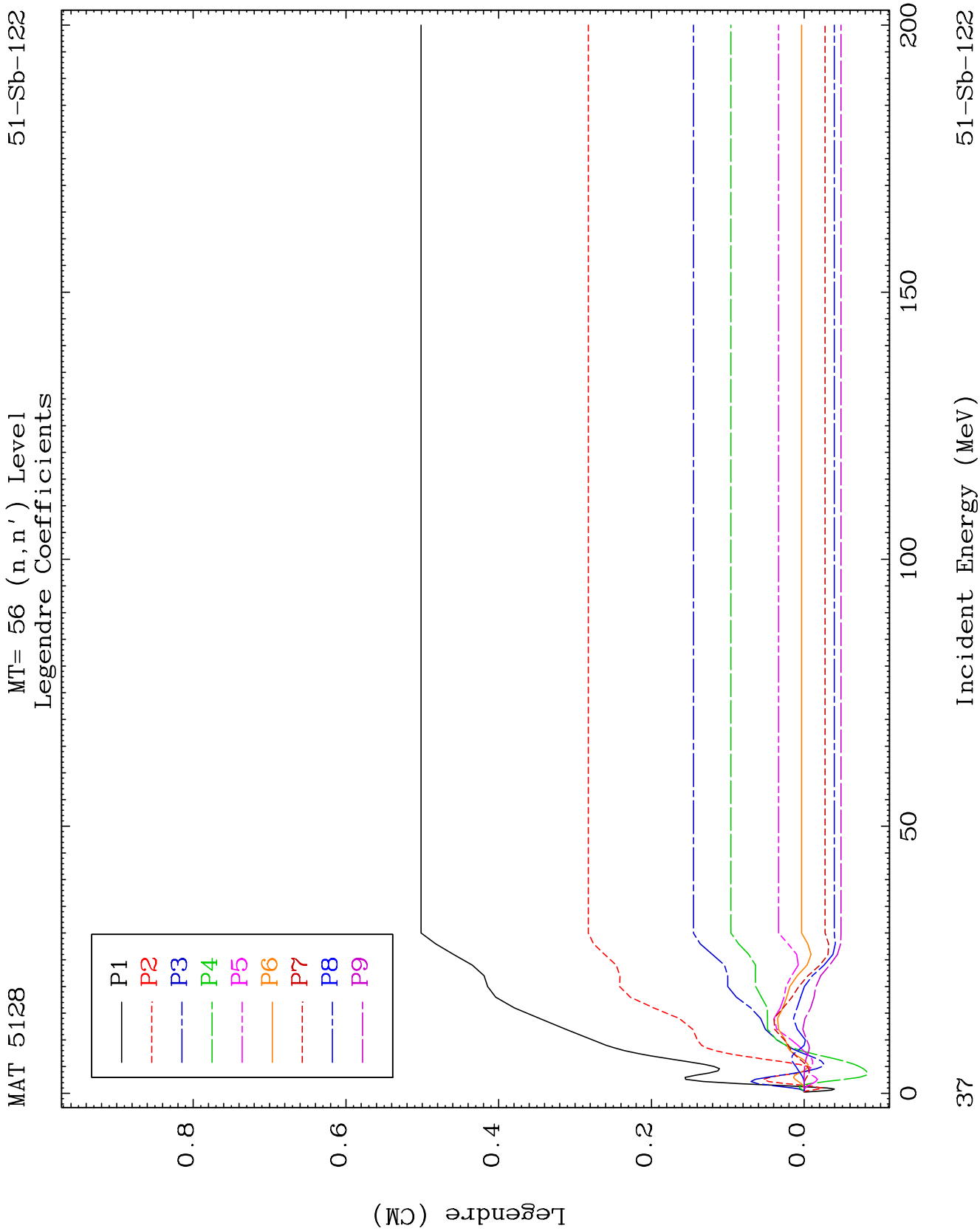
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Legendre Coefficients

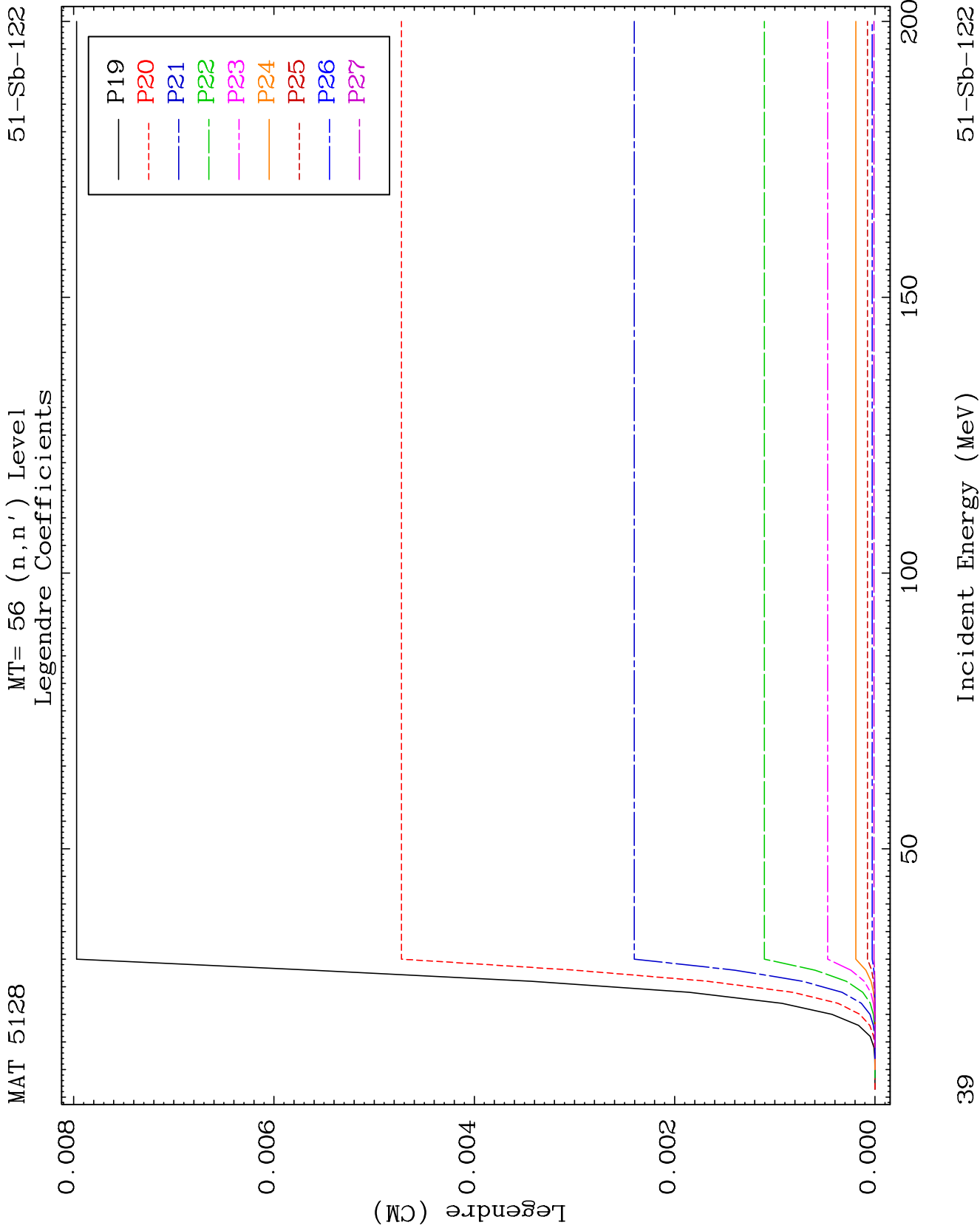
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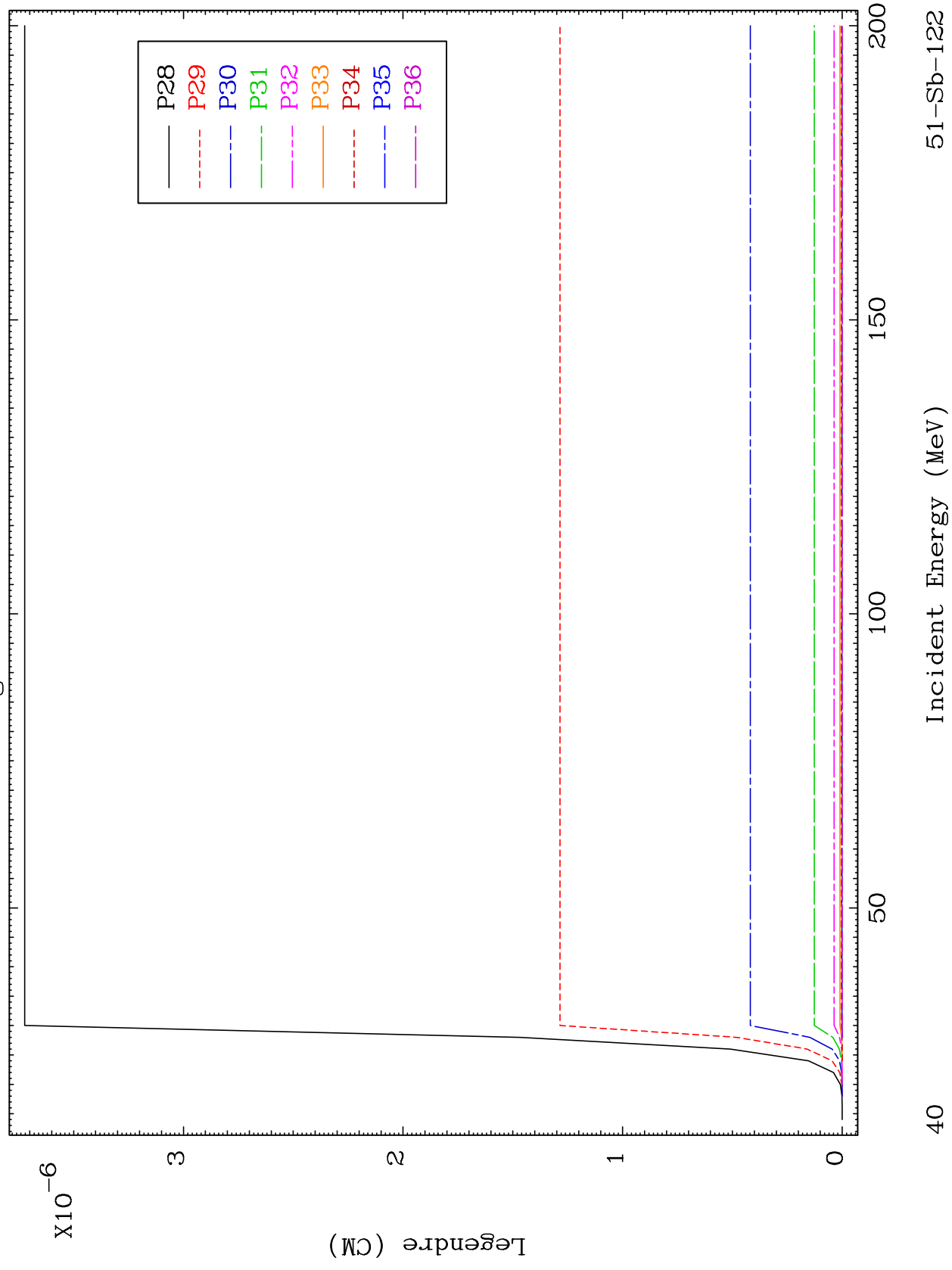


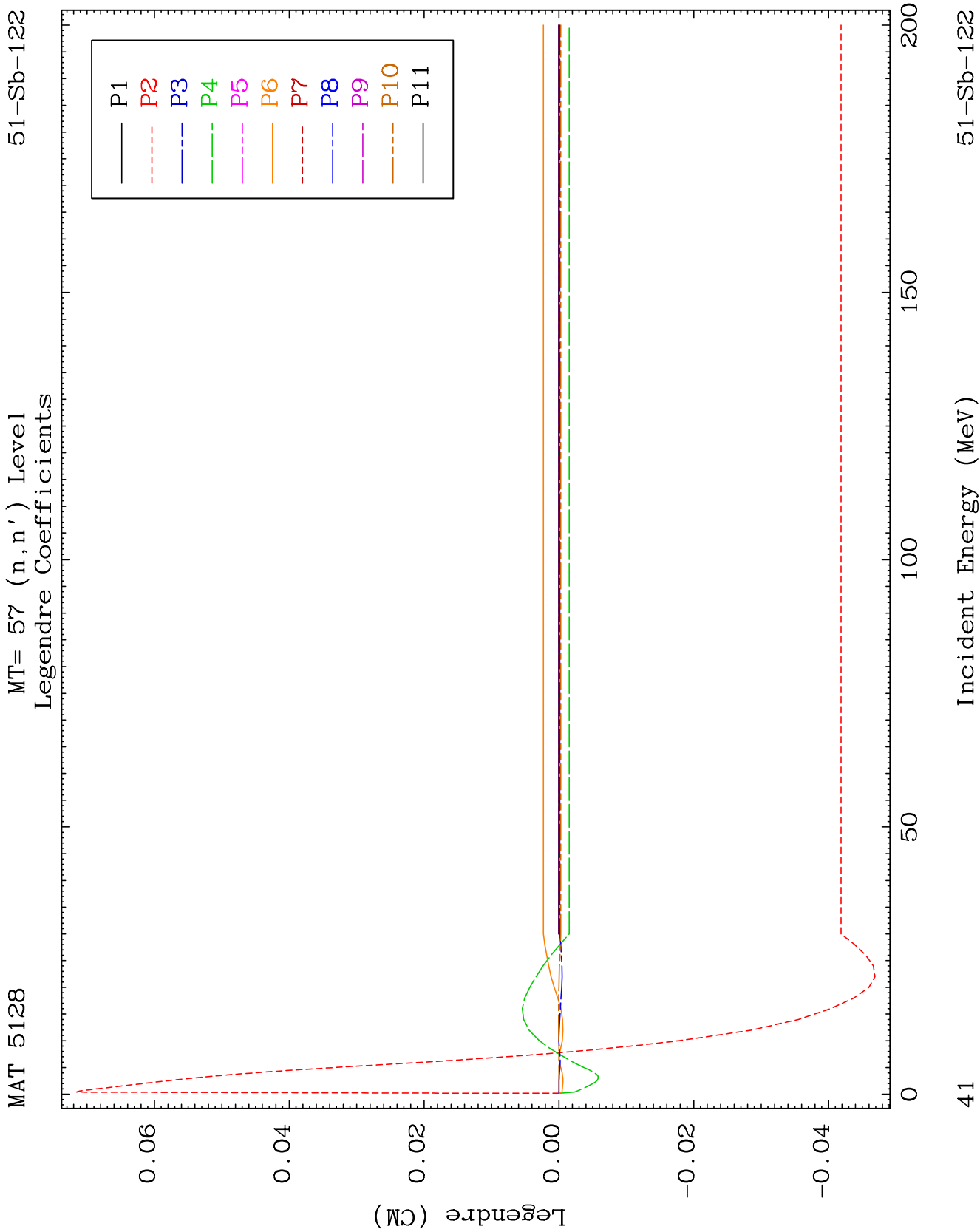


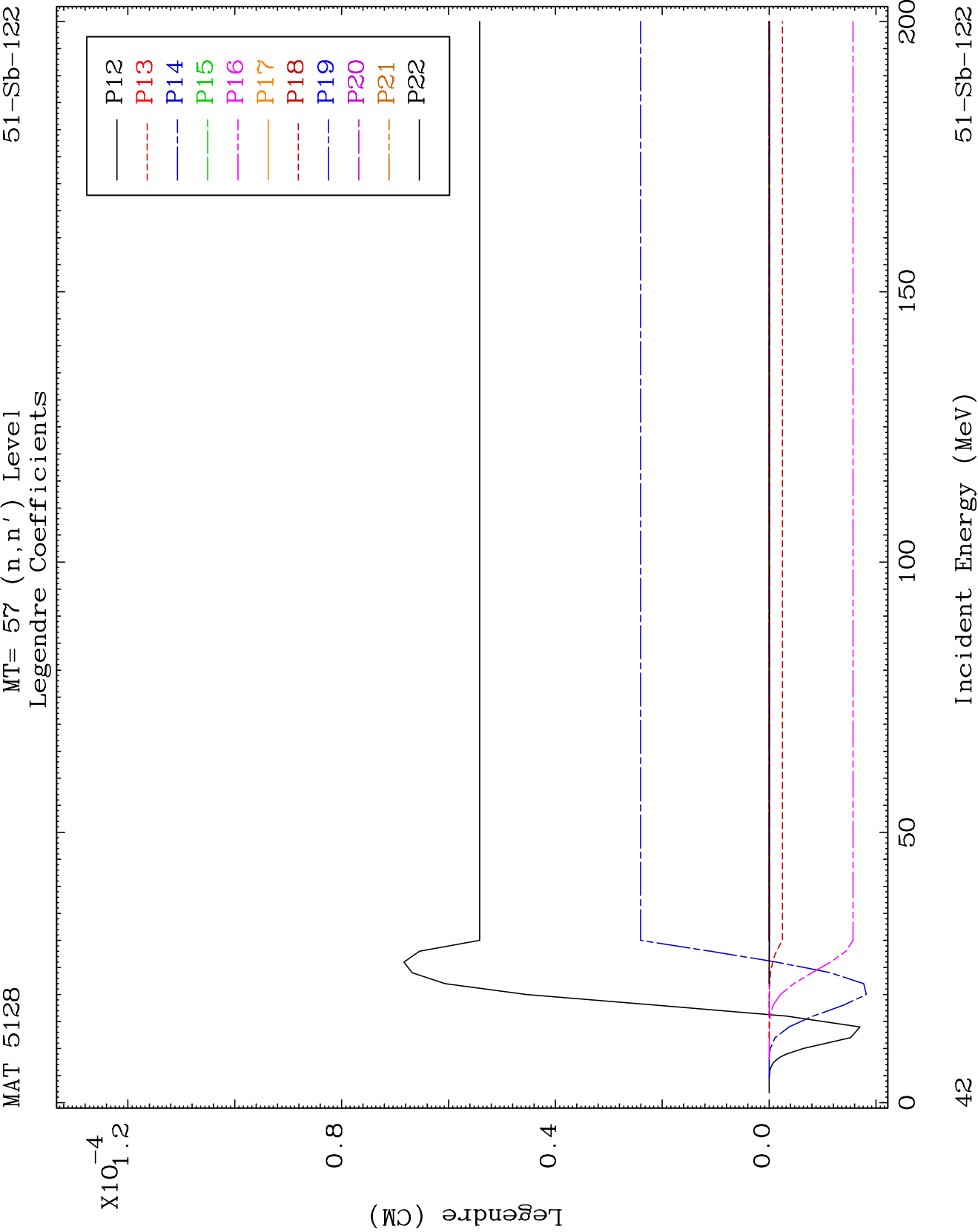
MAT 5128

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

51-Sb-122



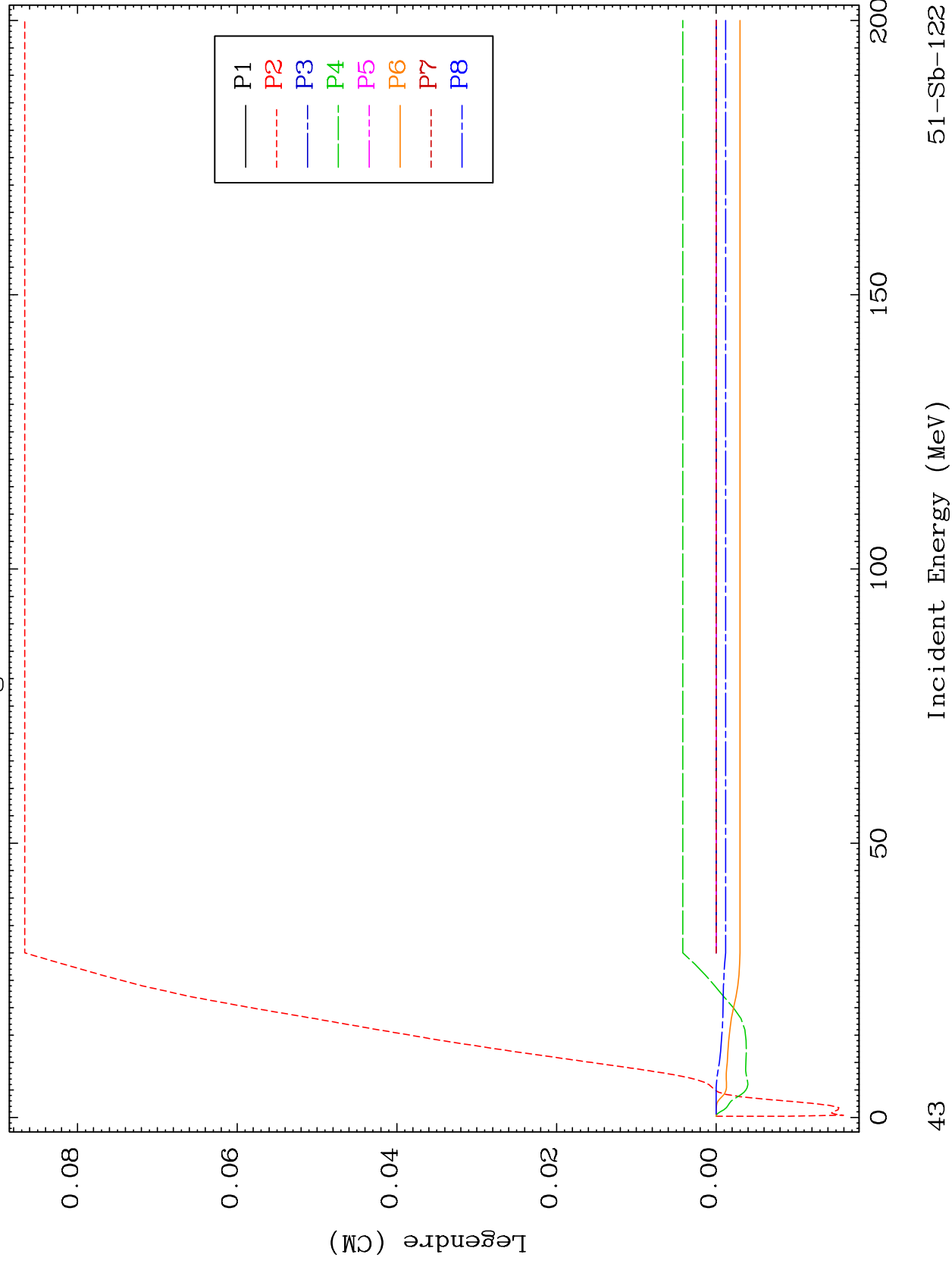


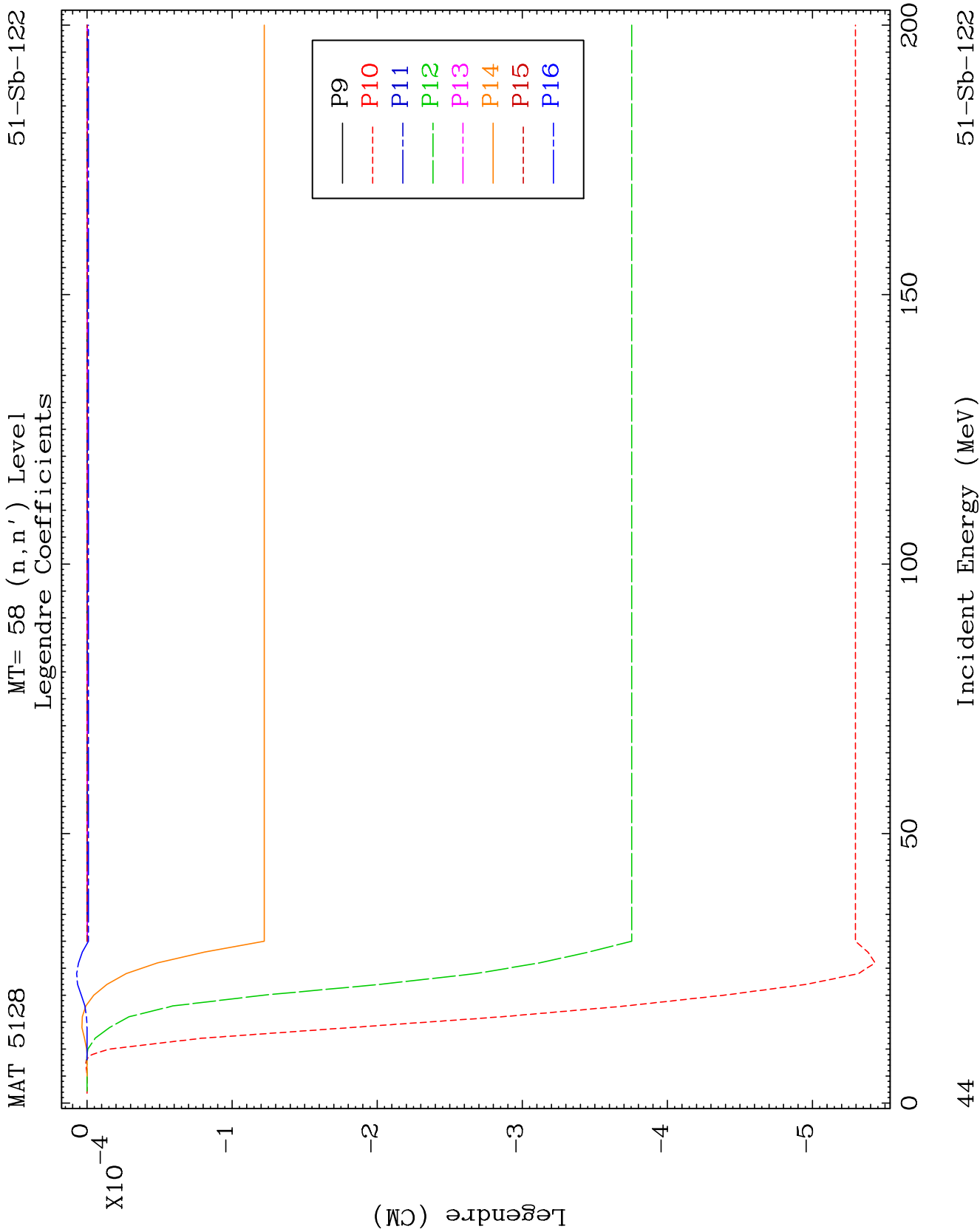


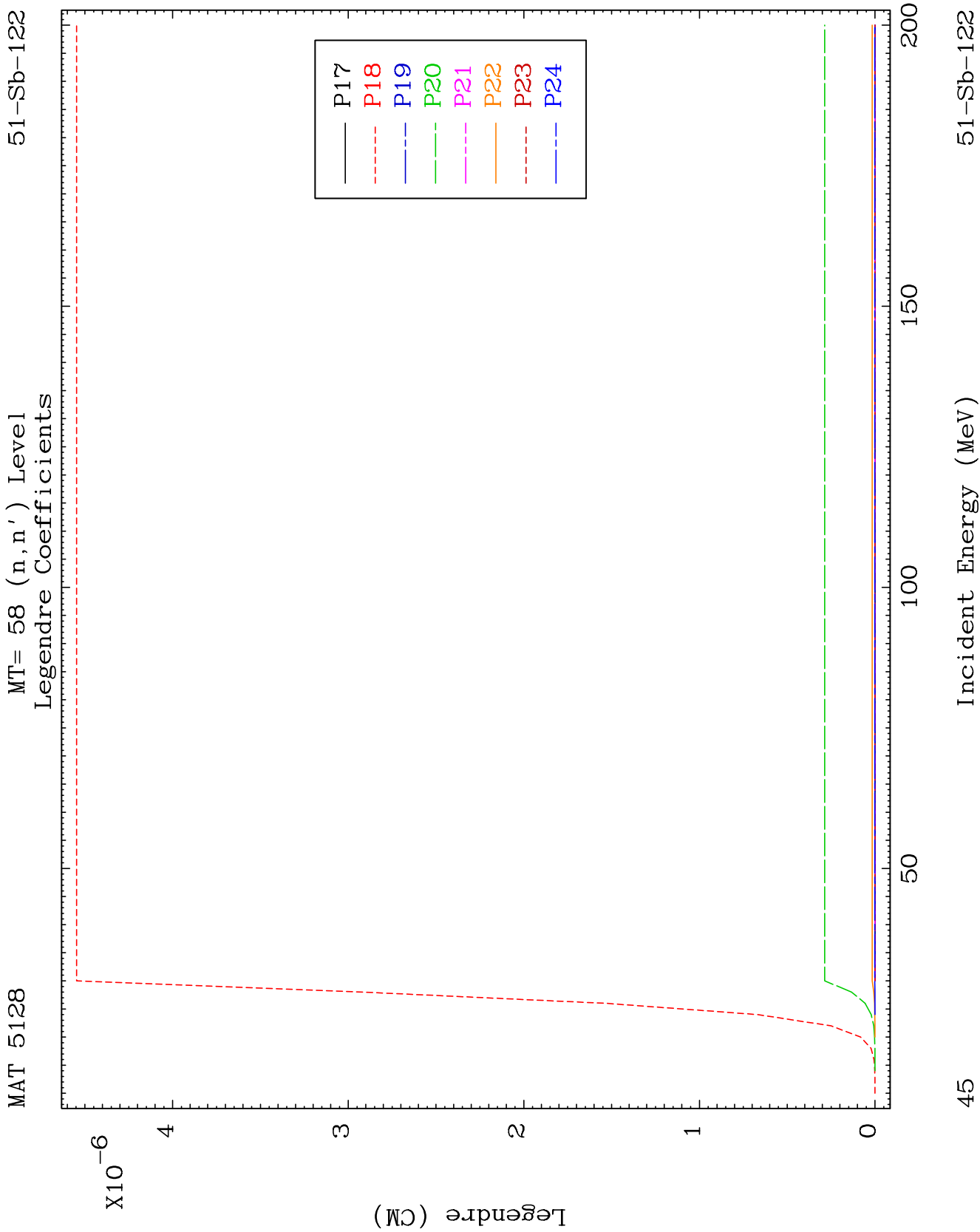
MAT 5128

MT= 58 (n, n') Level
Legendre Coefficients

51-Sb-122



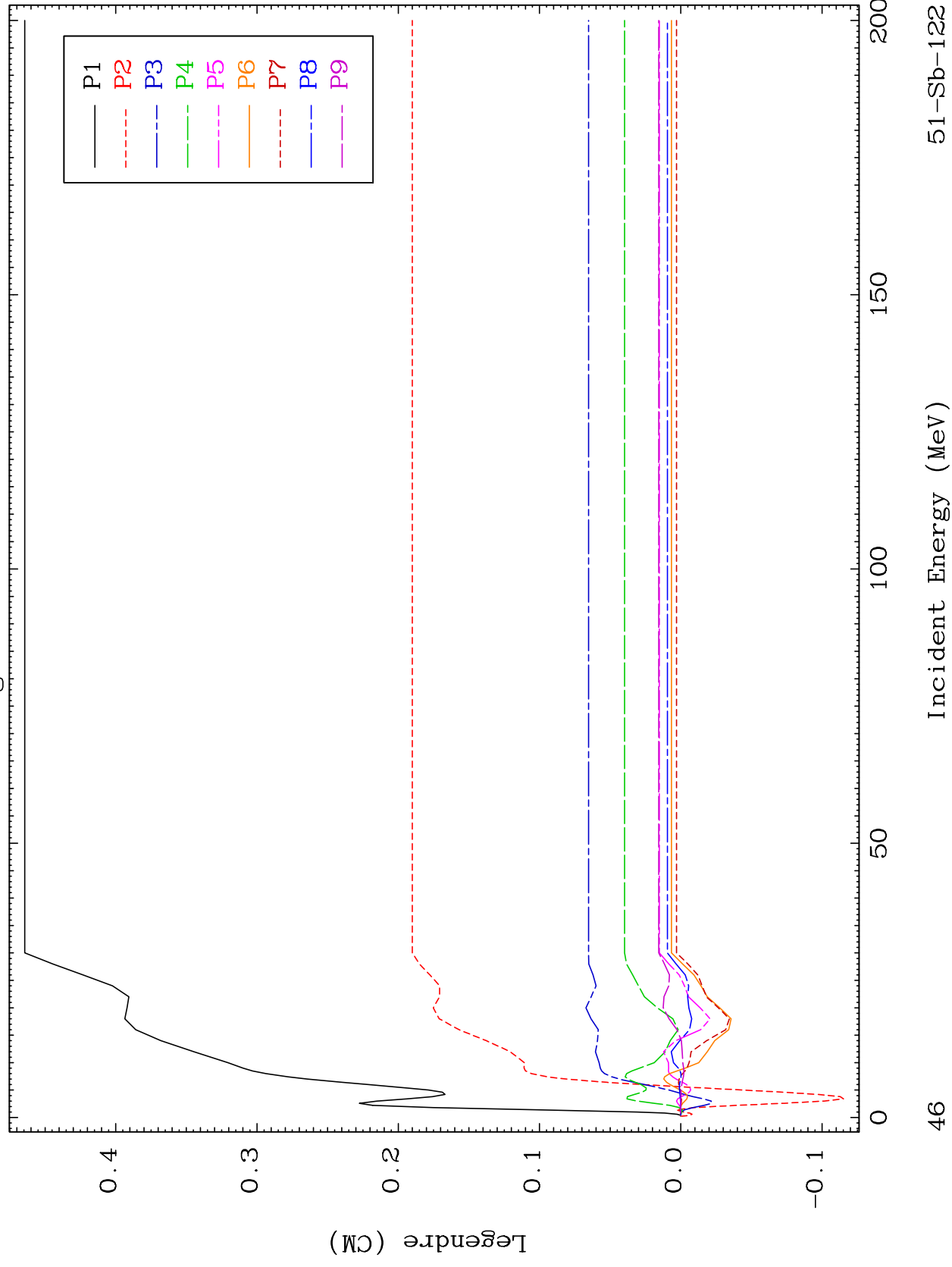




MAT 5128

MT= 59 (n, n') Level
Legendre Coefficients

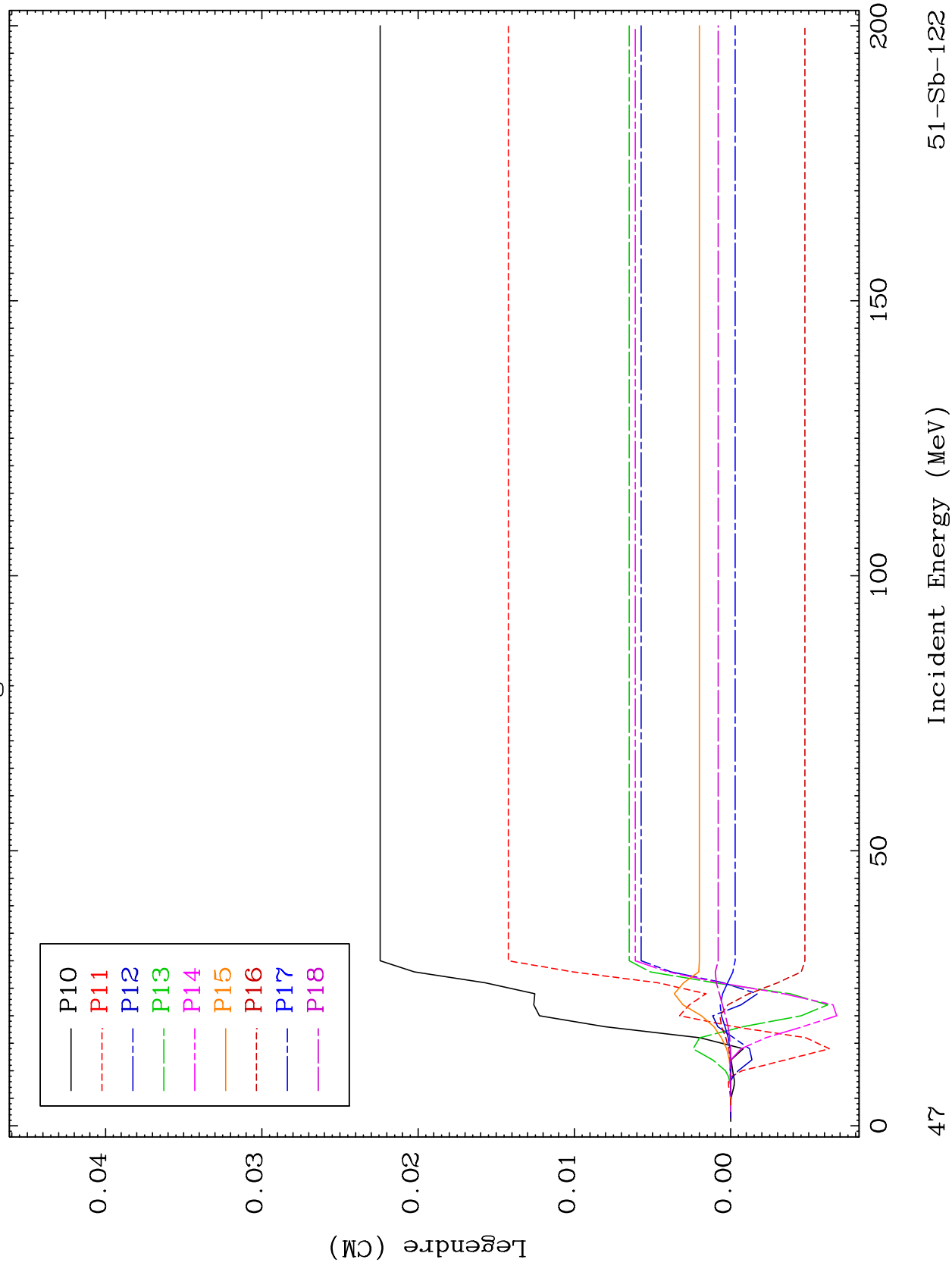
51-Sb-122



MAT 5128

MT= 59 (n, n') Level
Legendre Coefficients

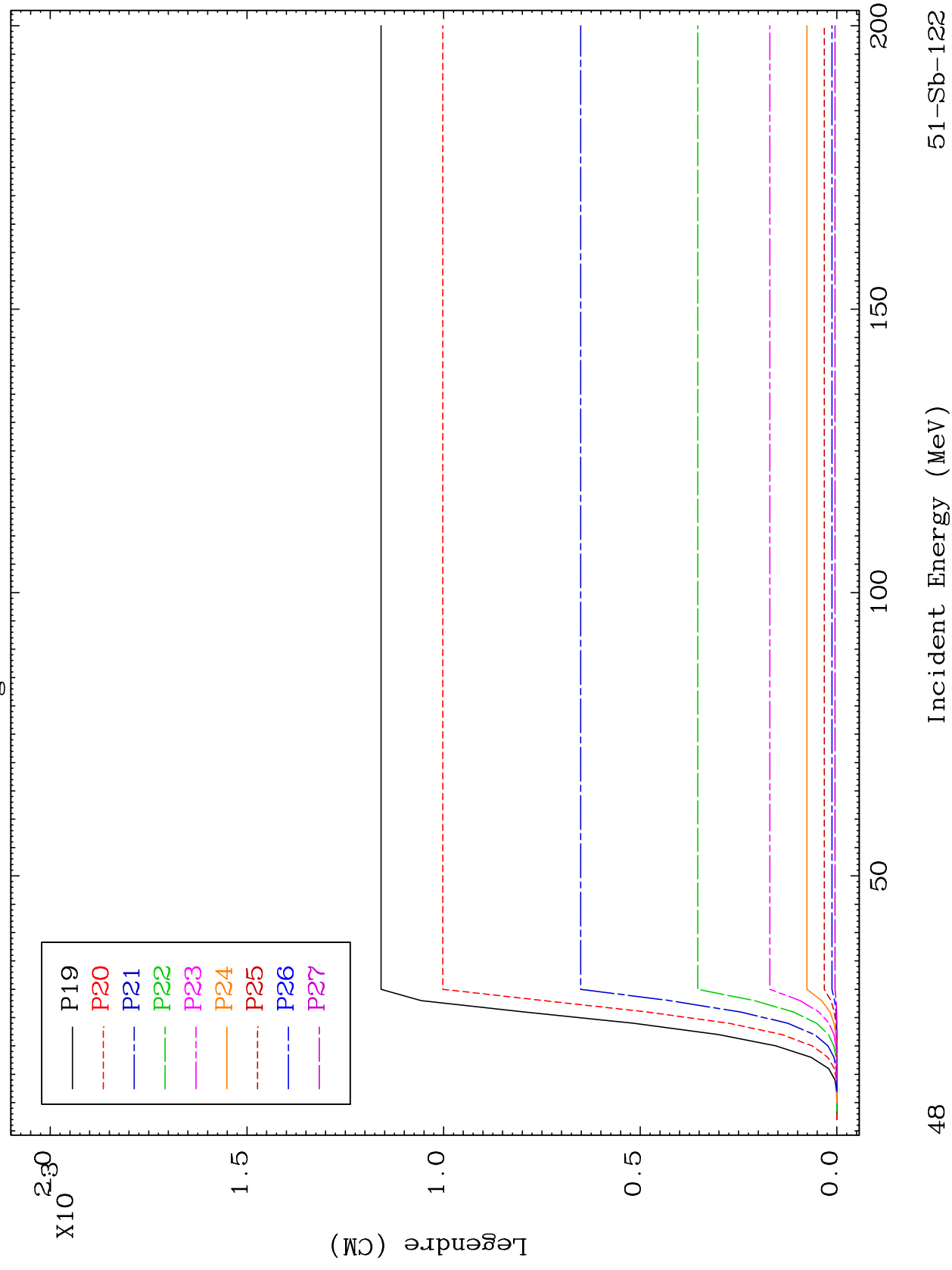
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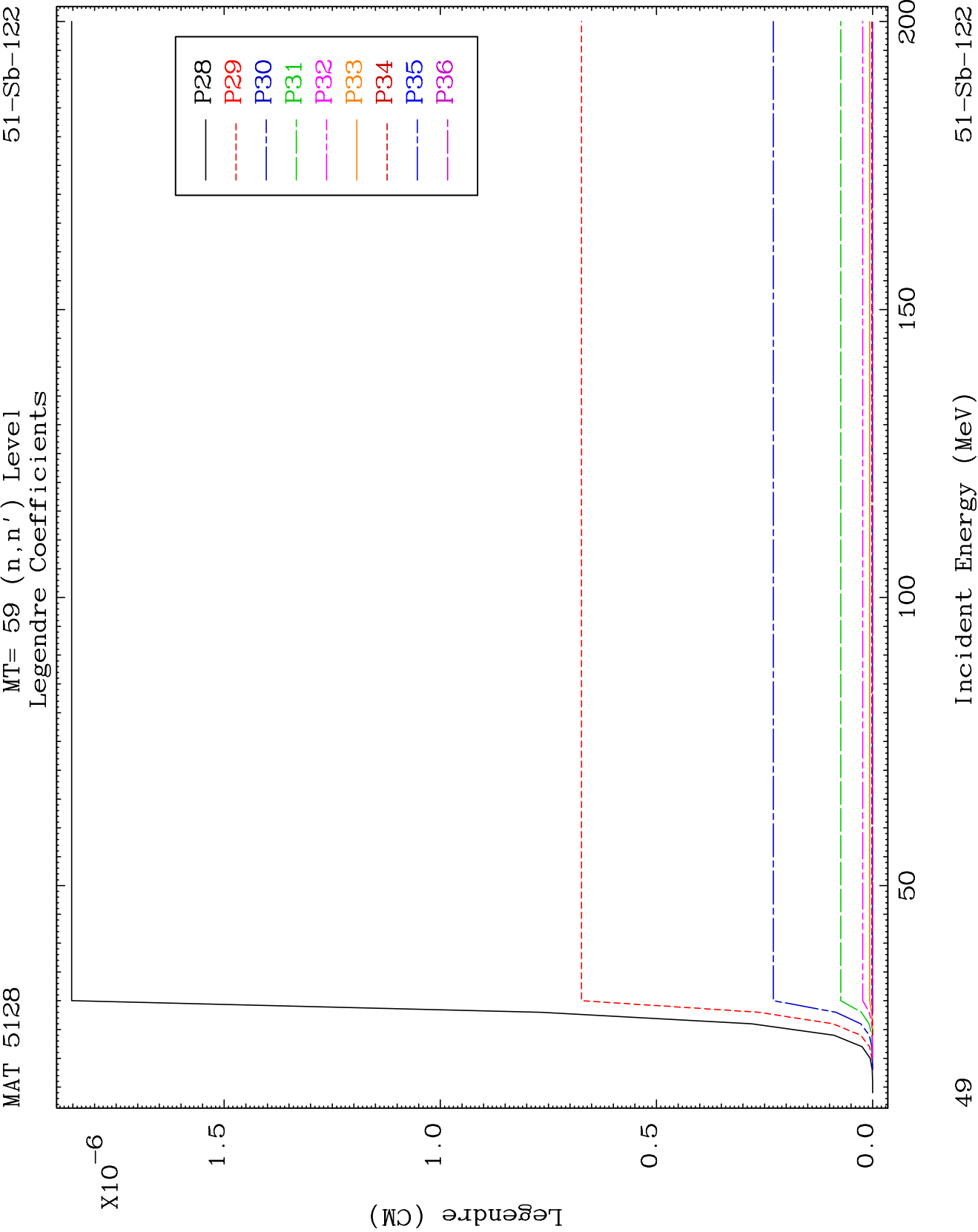


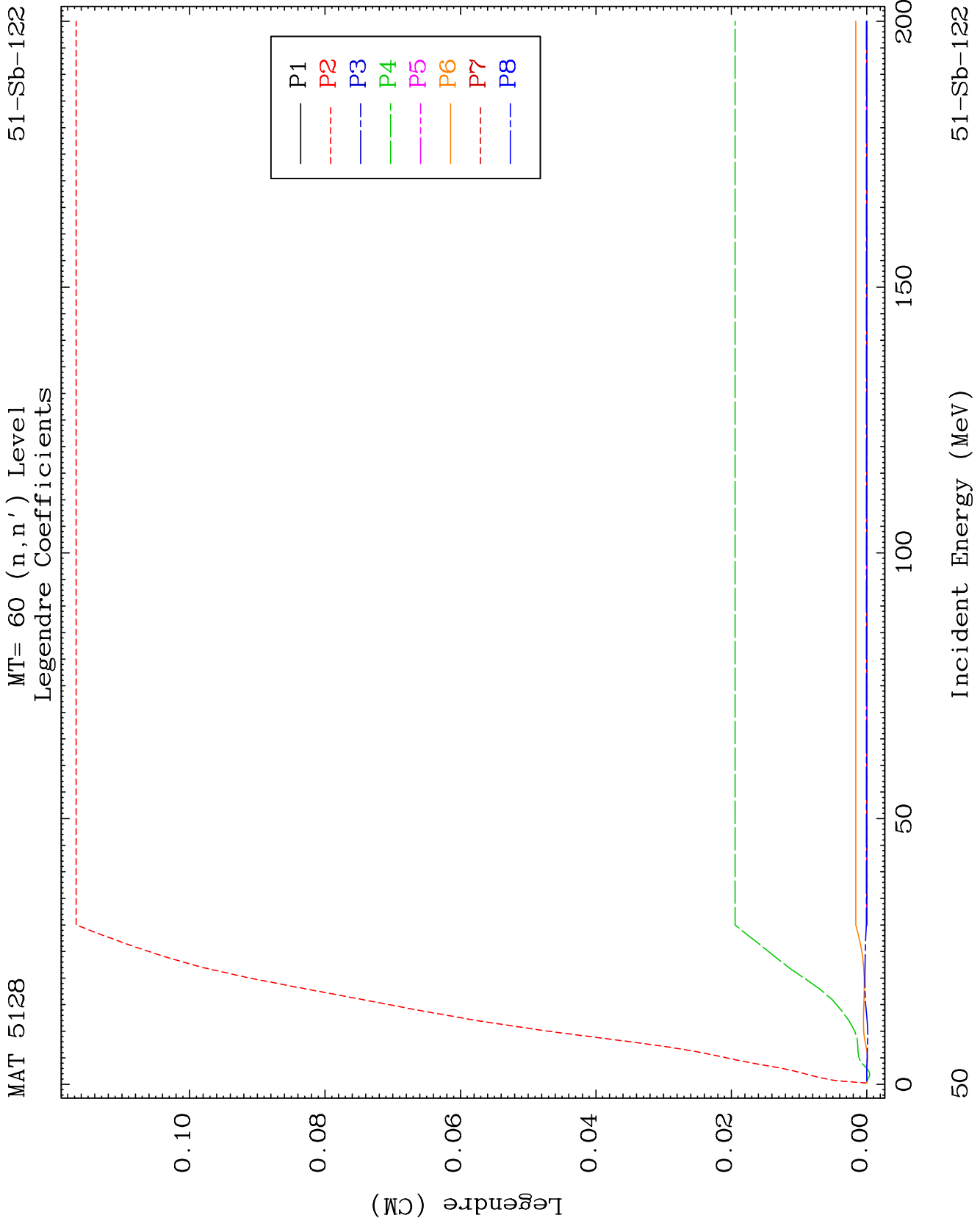
MAT 5128

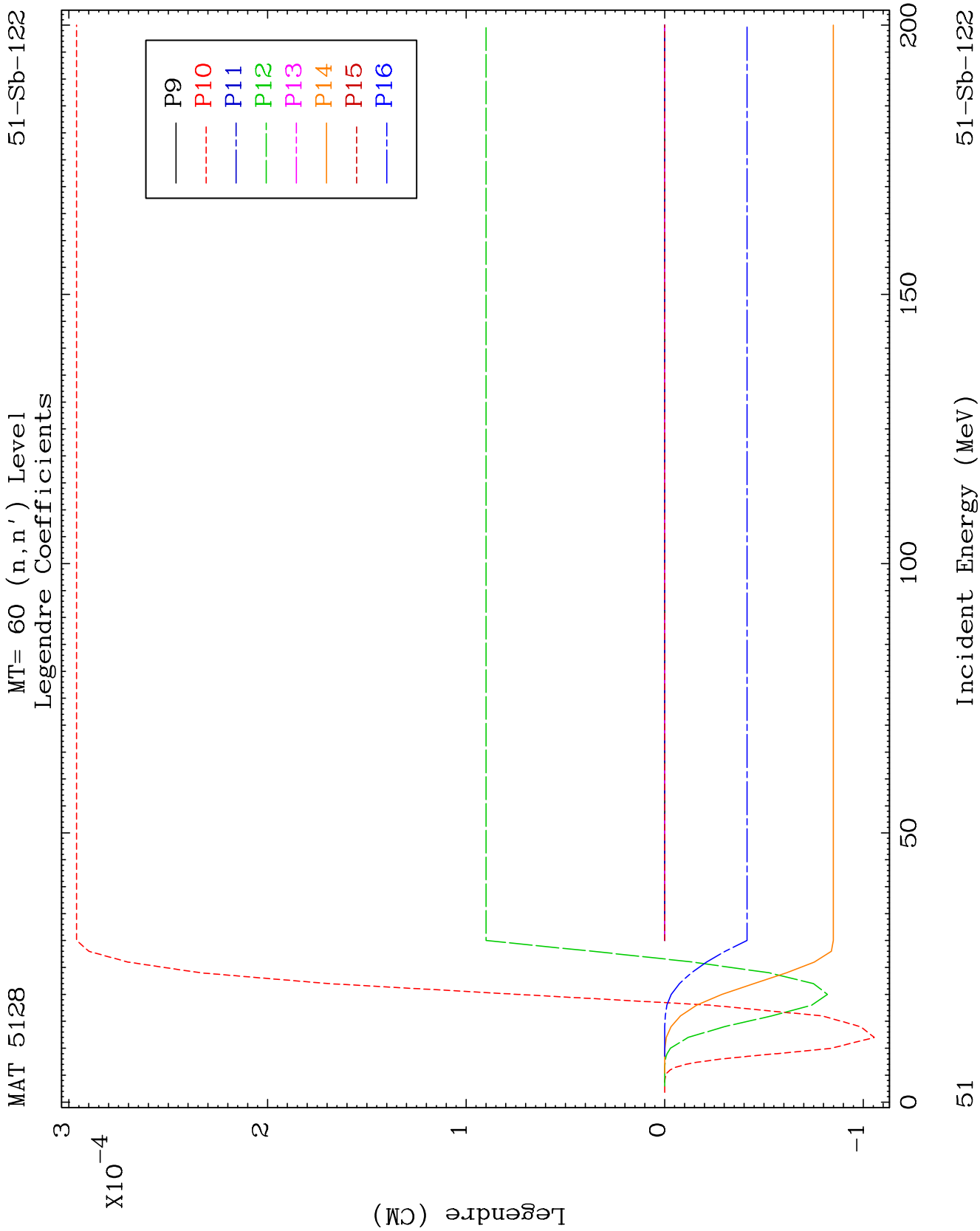
MT= 59 (n, n') Level
Legendre Coefficients

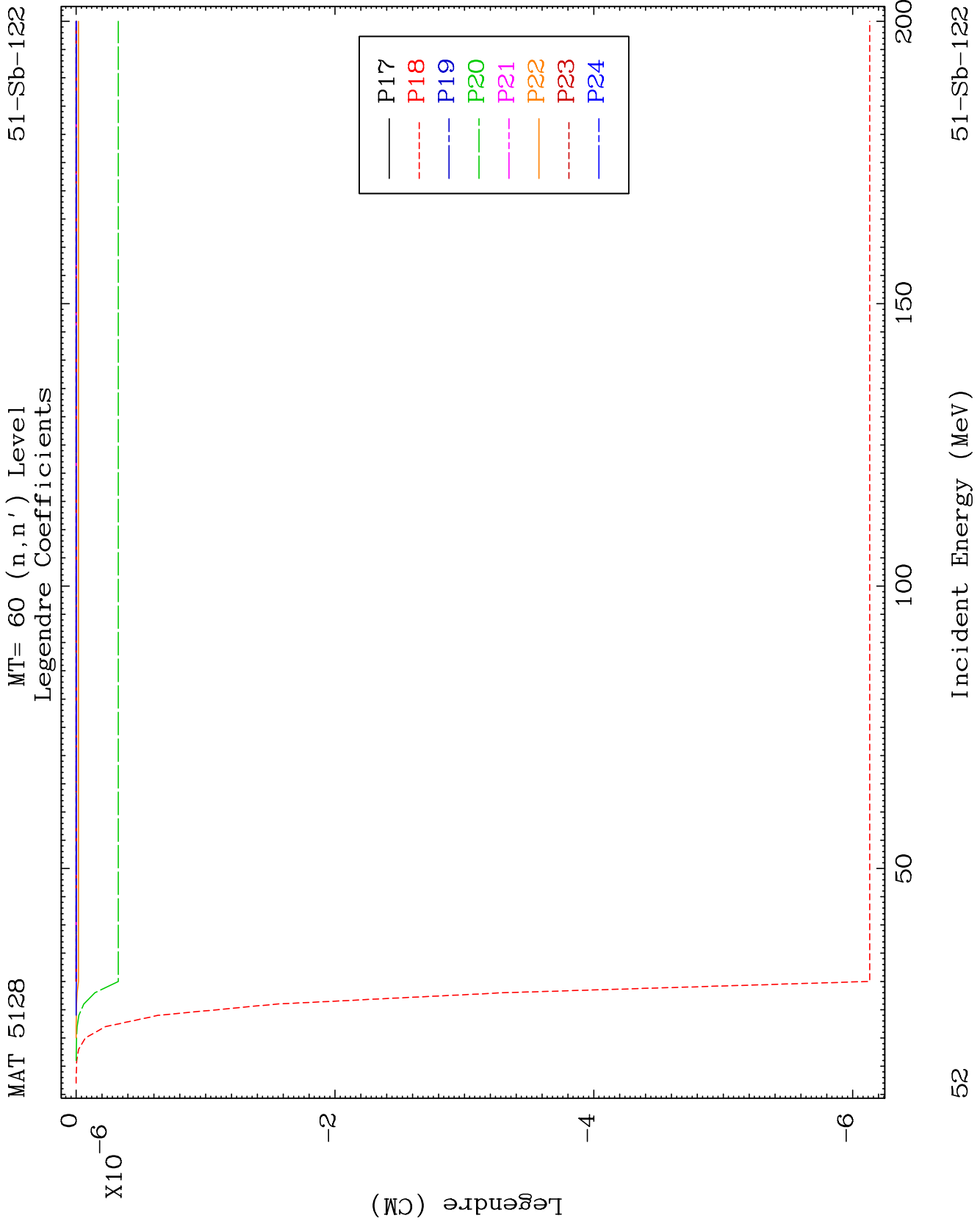
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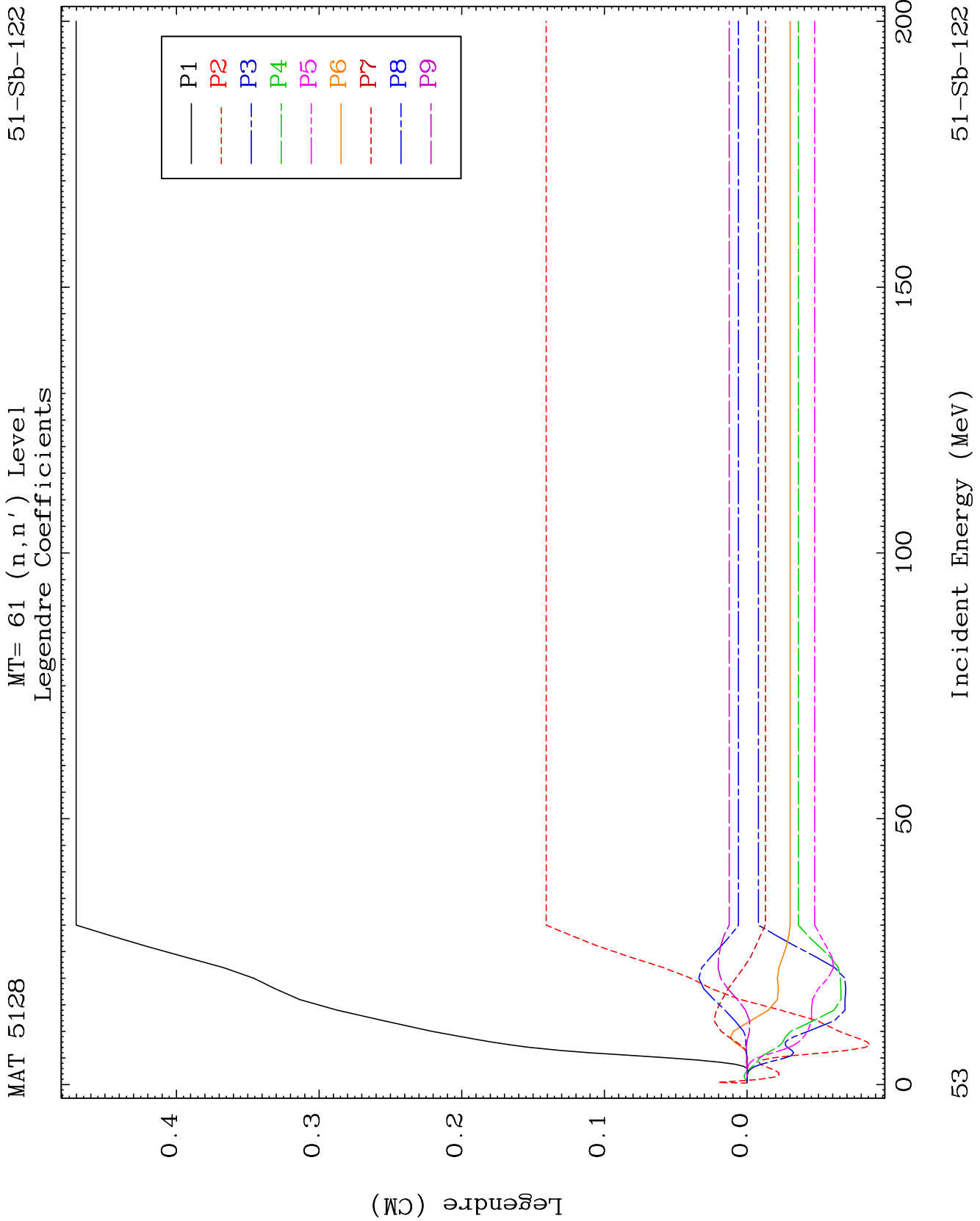








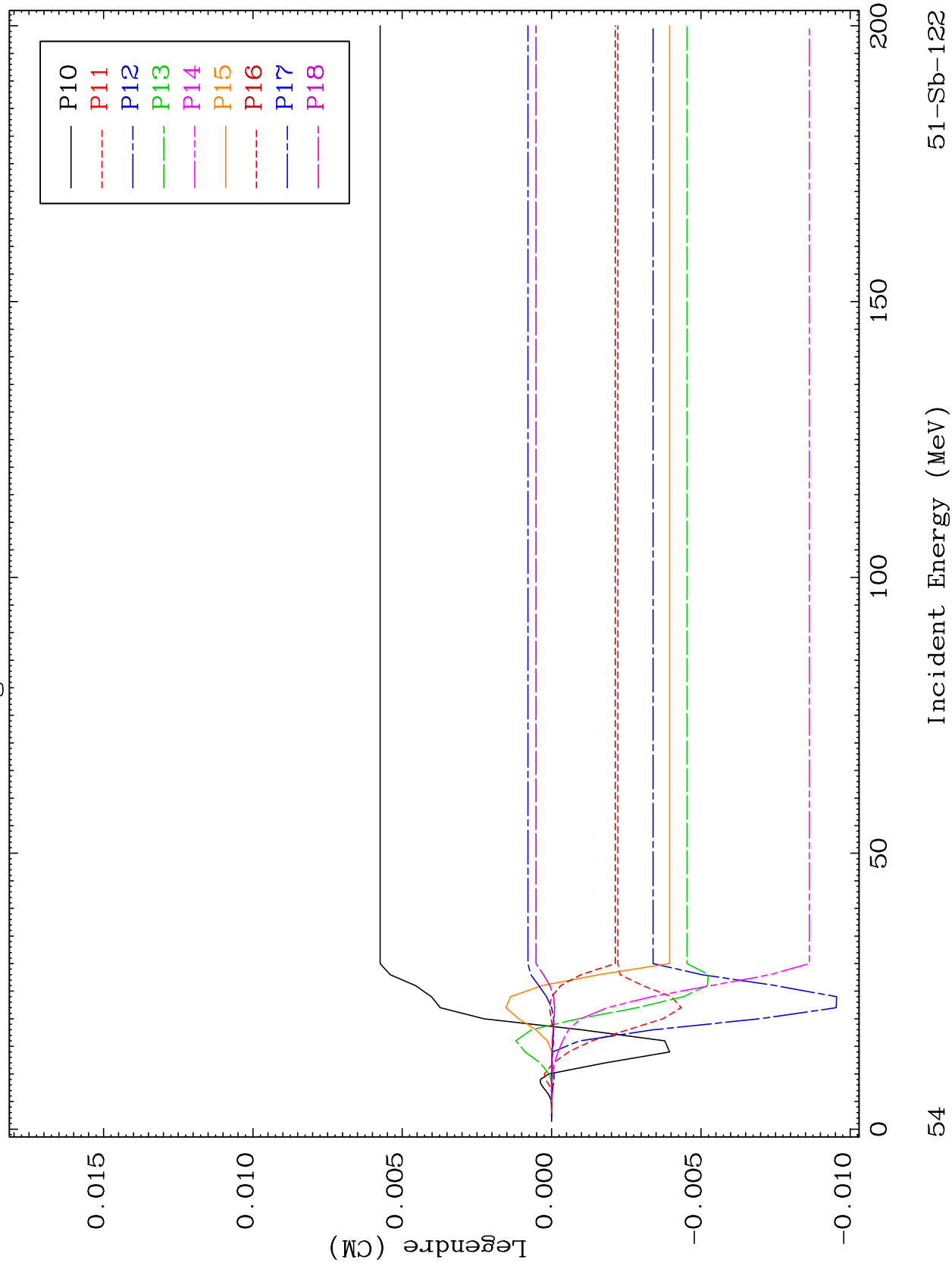




MAT 5128

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

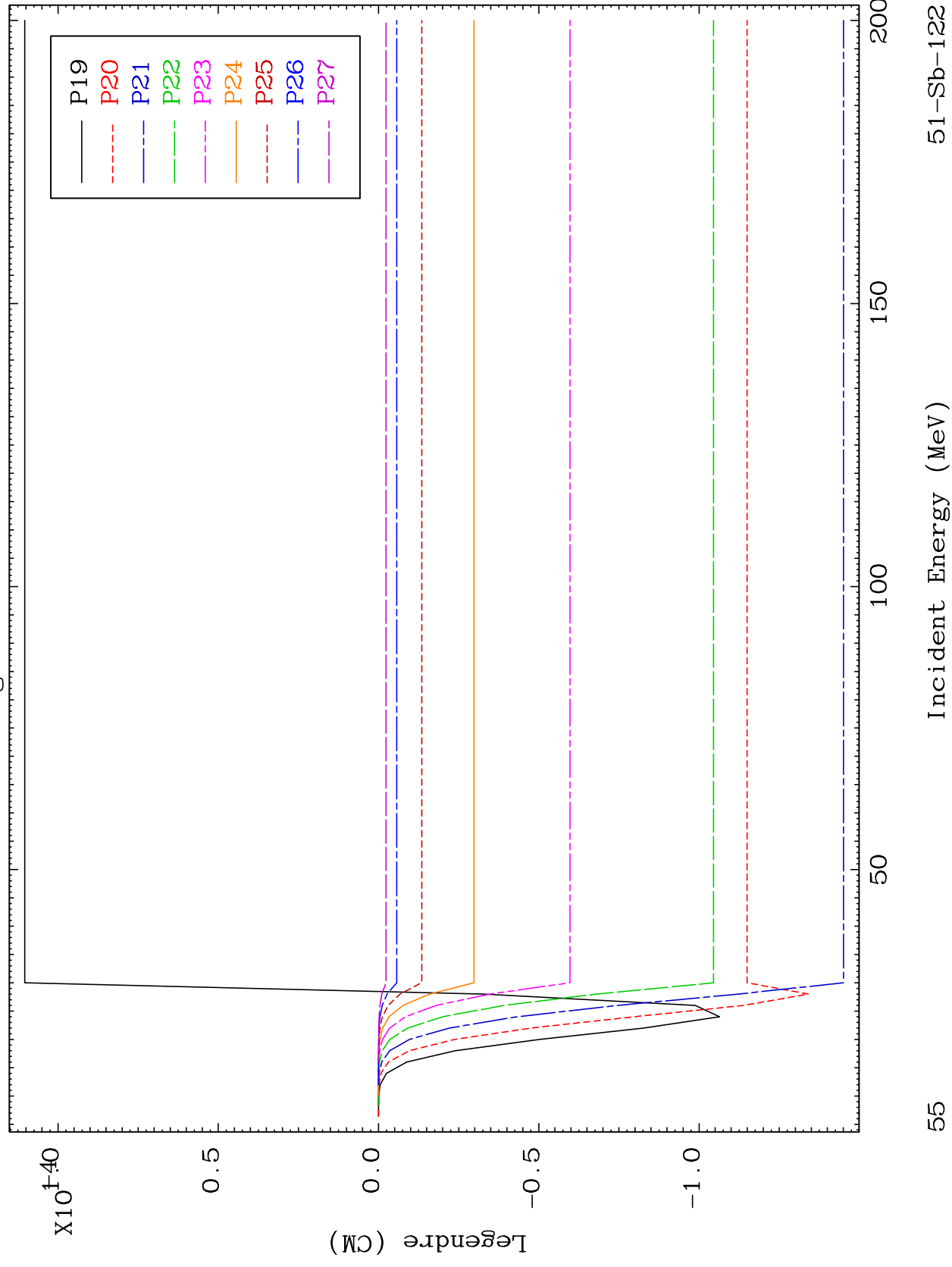
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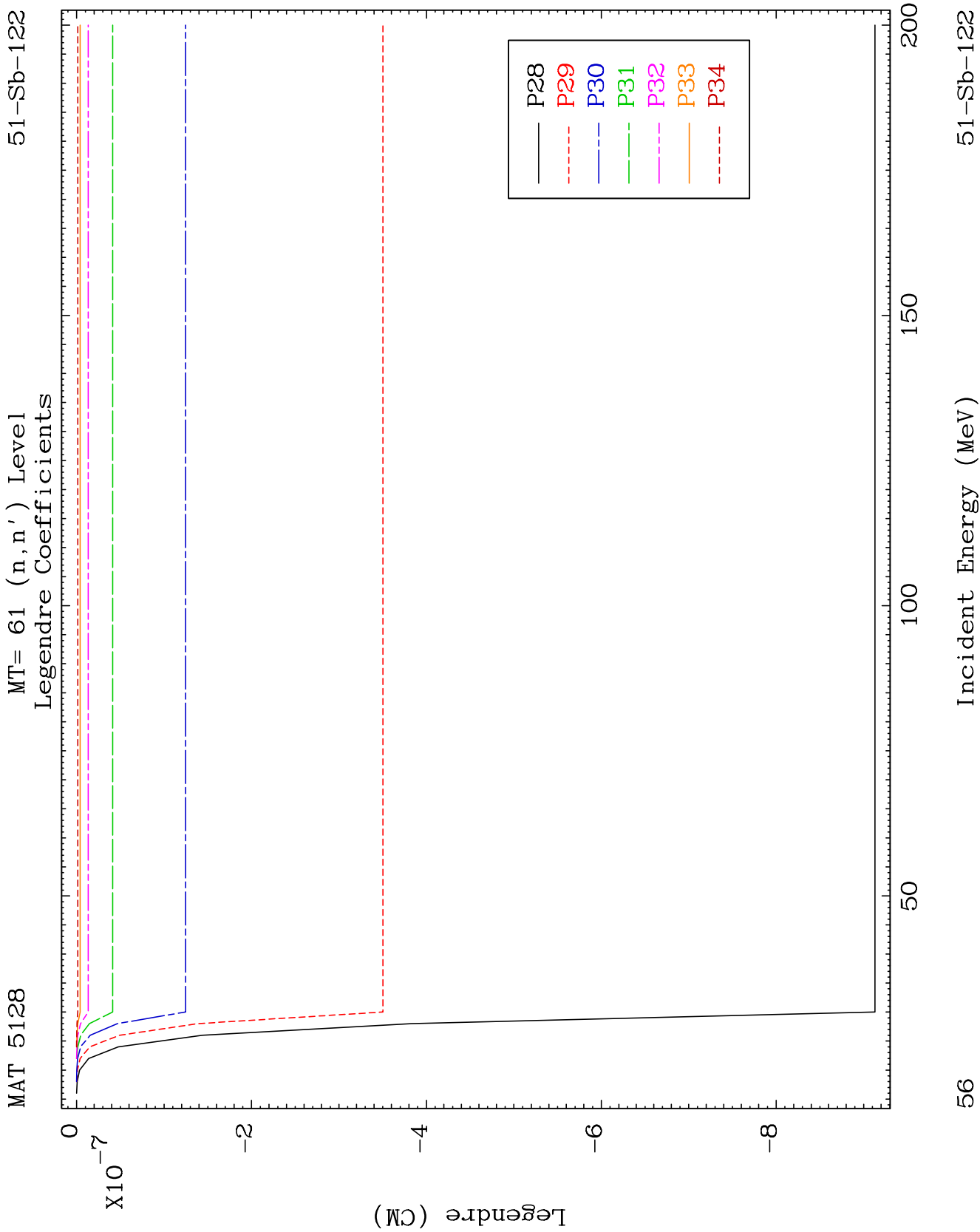


MAT 5128

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

51-Sb-122

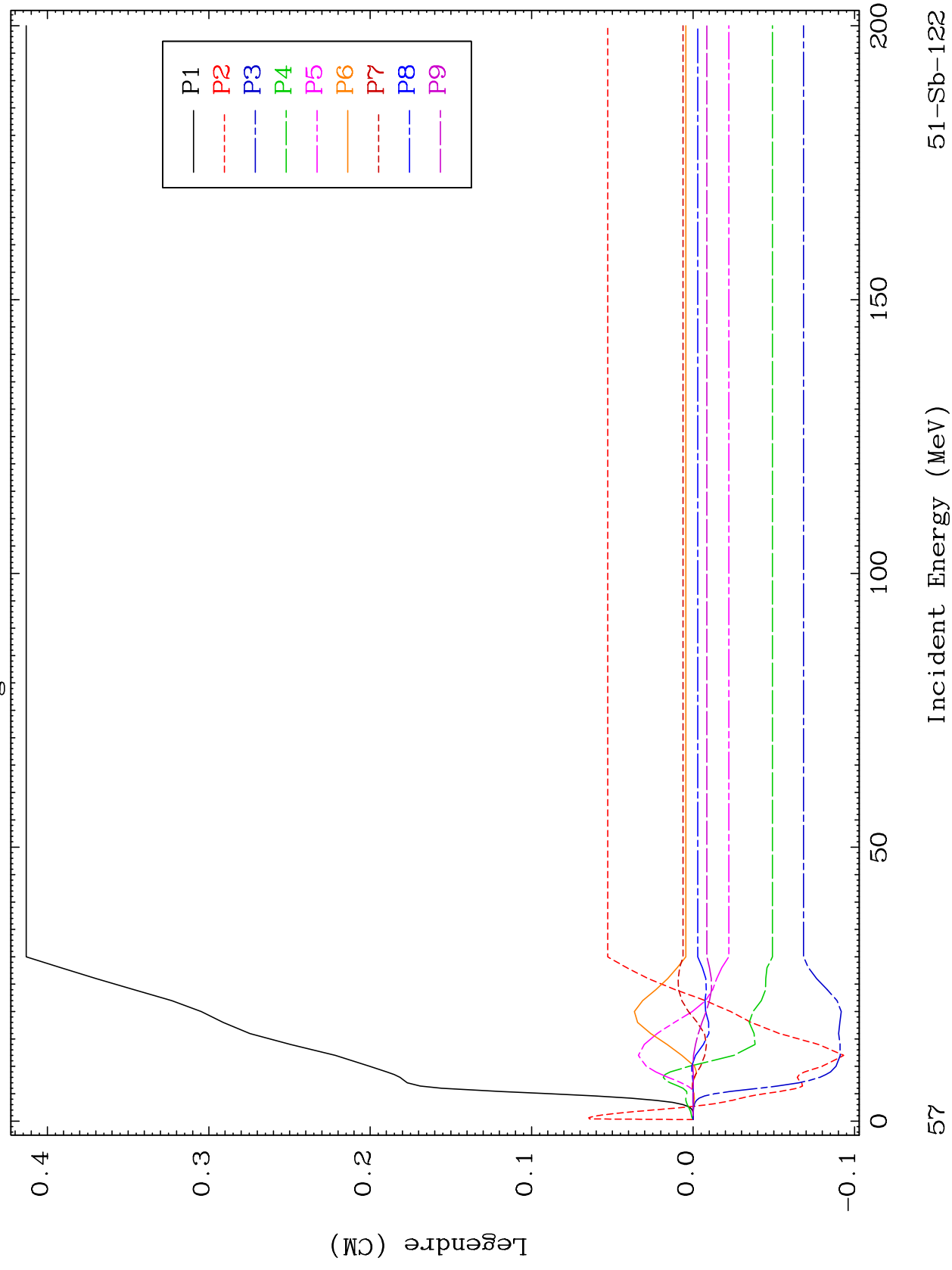




MAT 5128

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

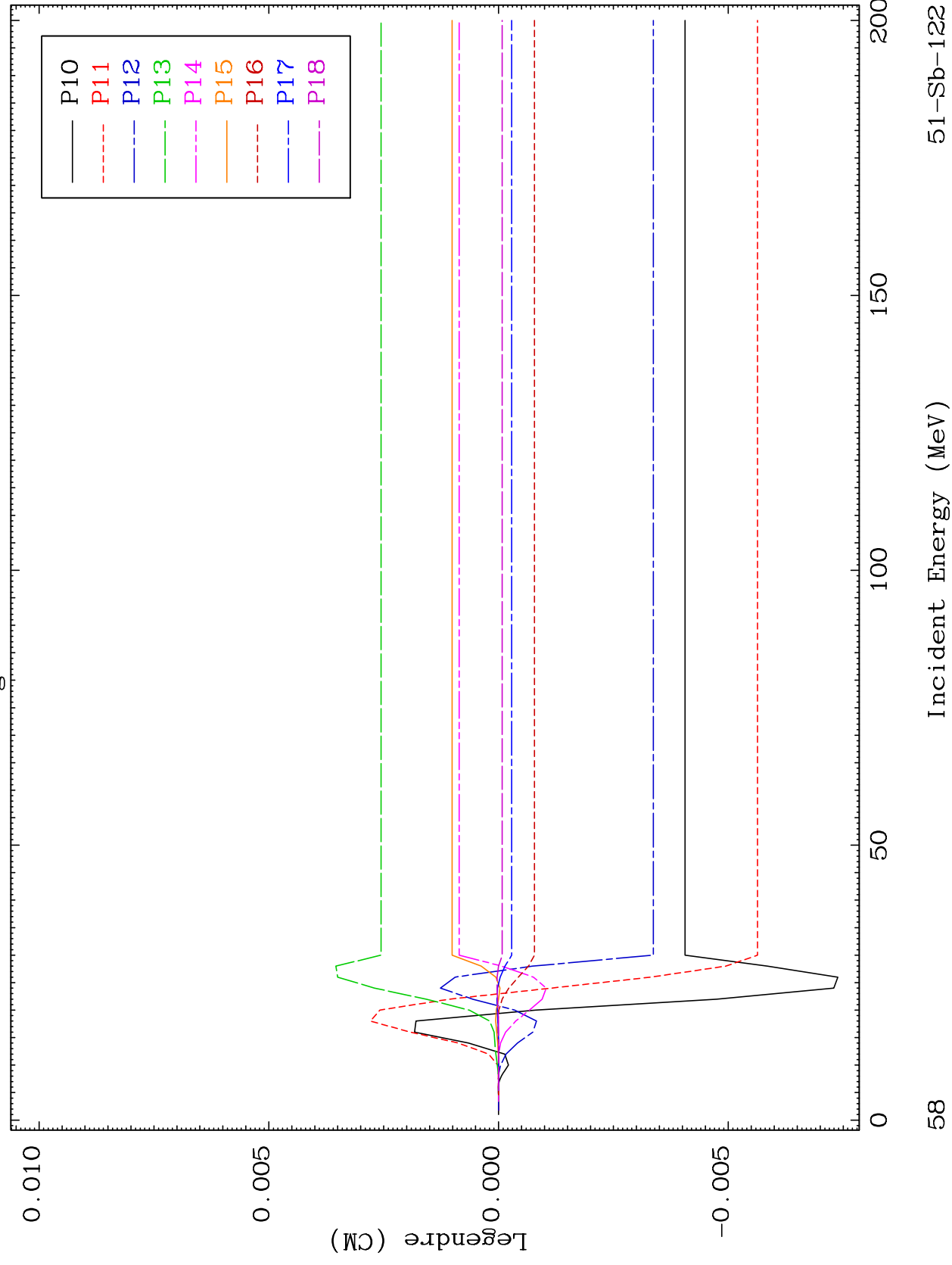
51-Sb-122



MAT 5128

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

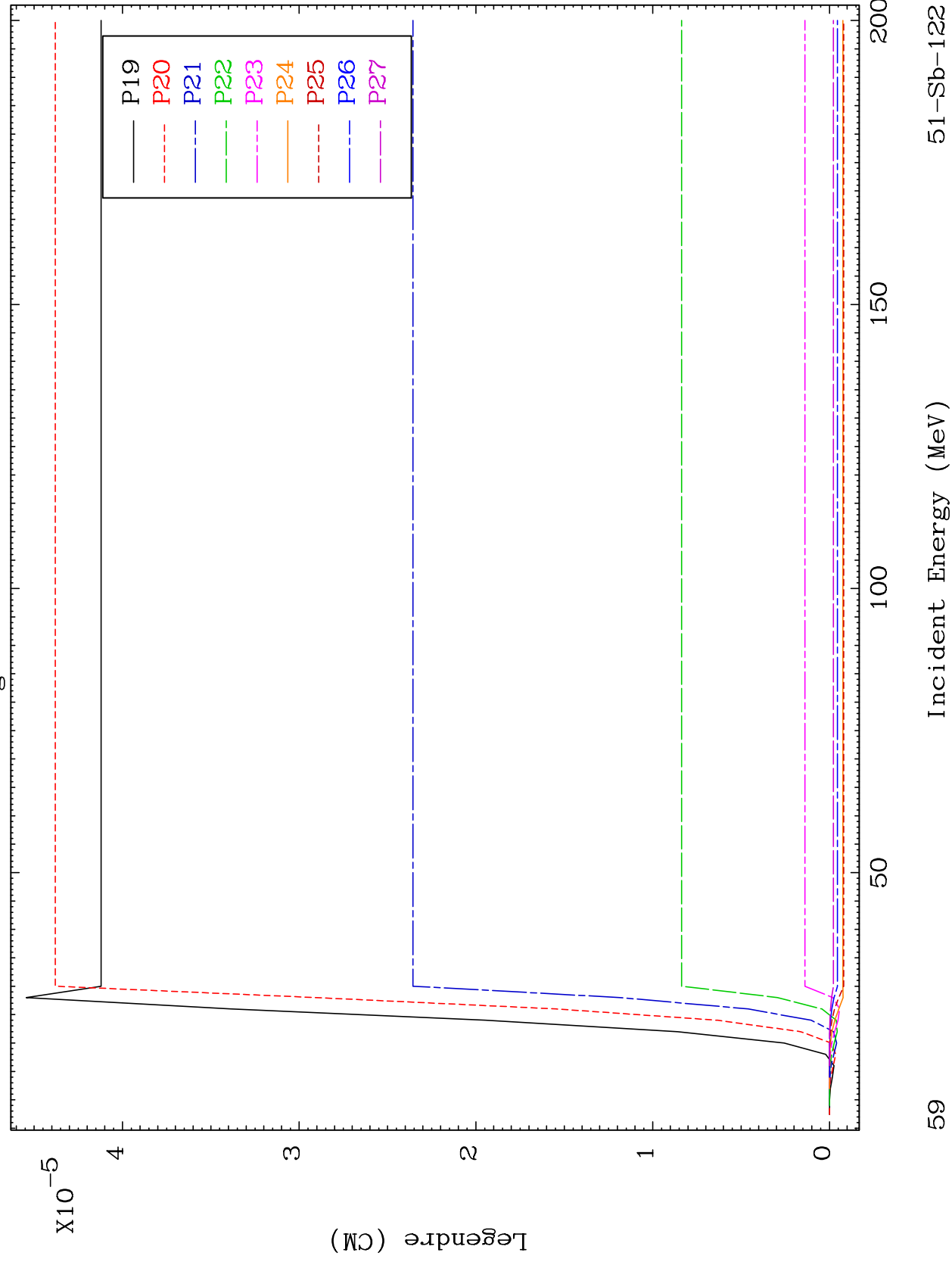
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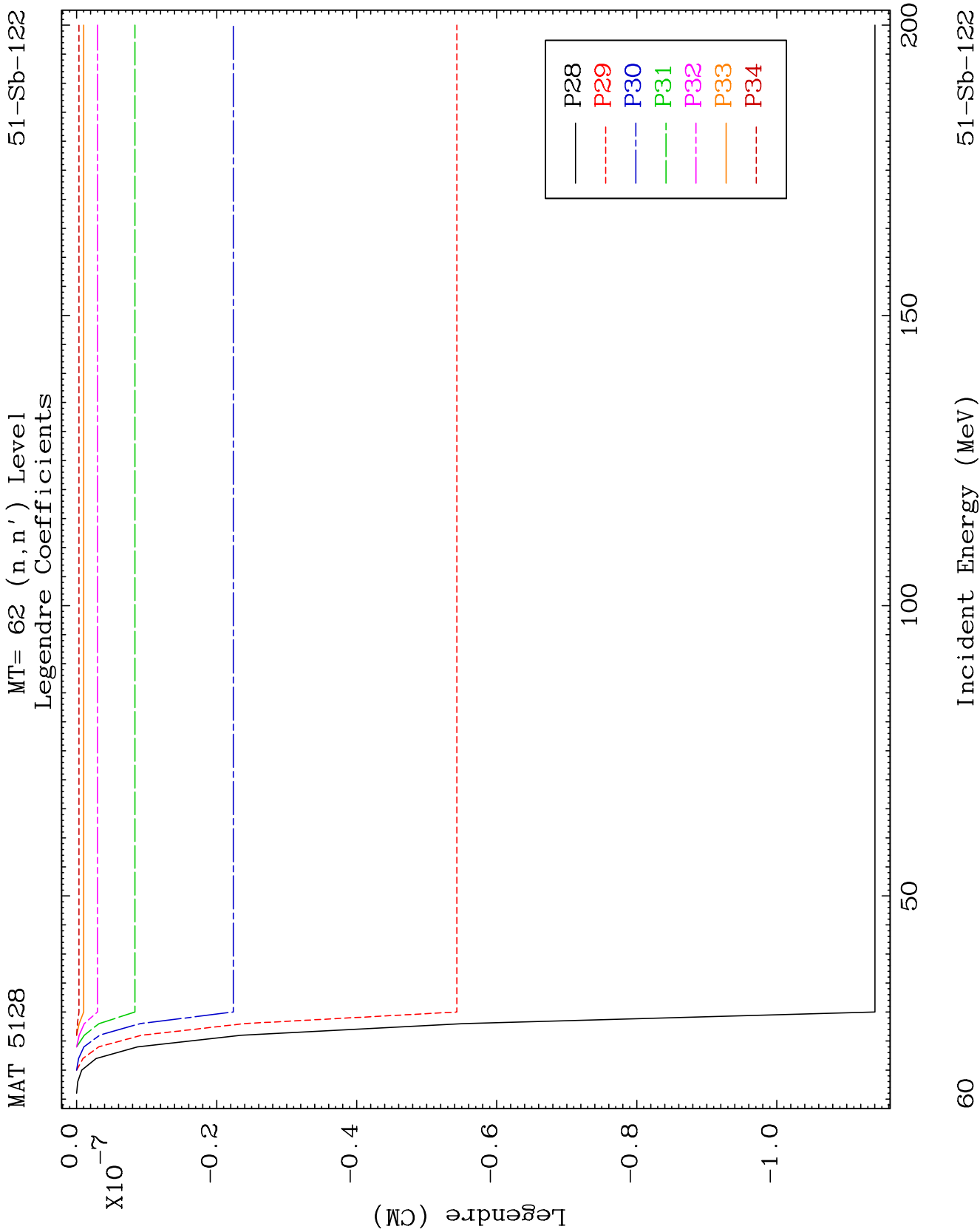


MAT 5128

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

51-Sb-122

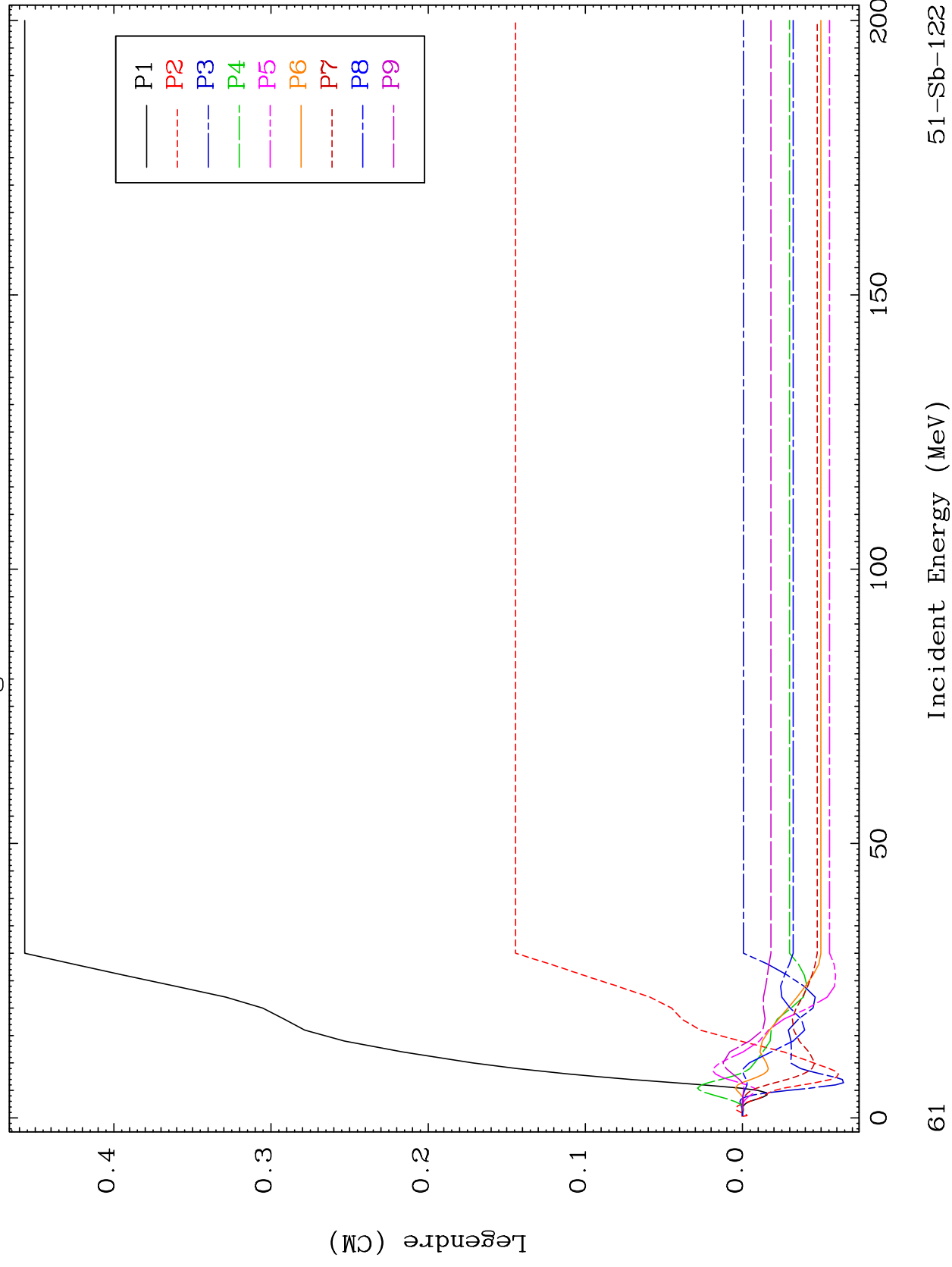




MAT 5128

MT= 63 (n, n') Level
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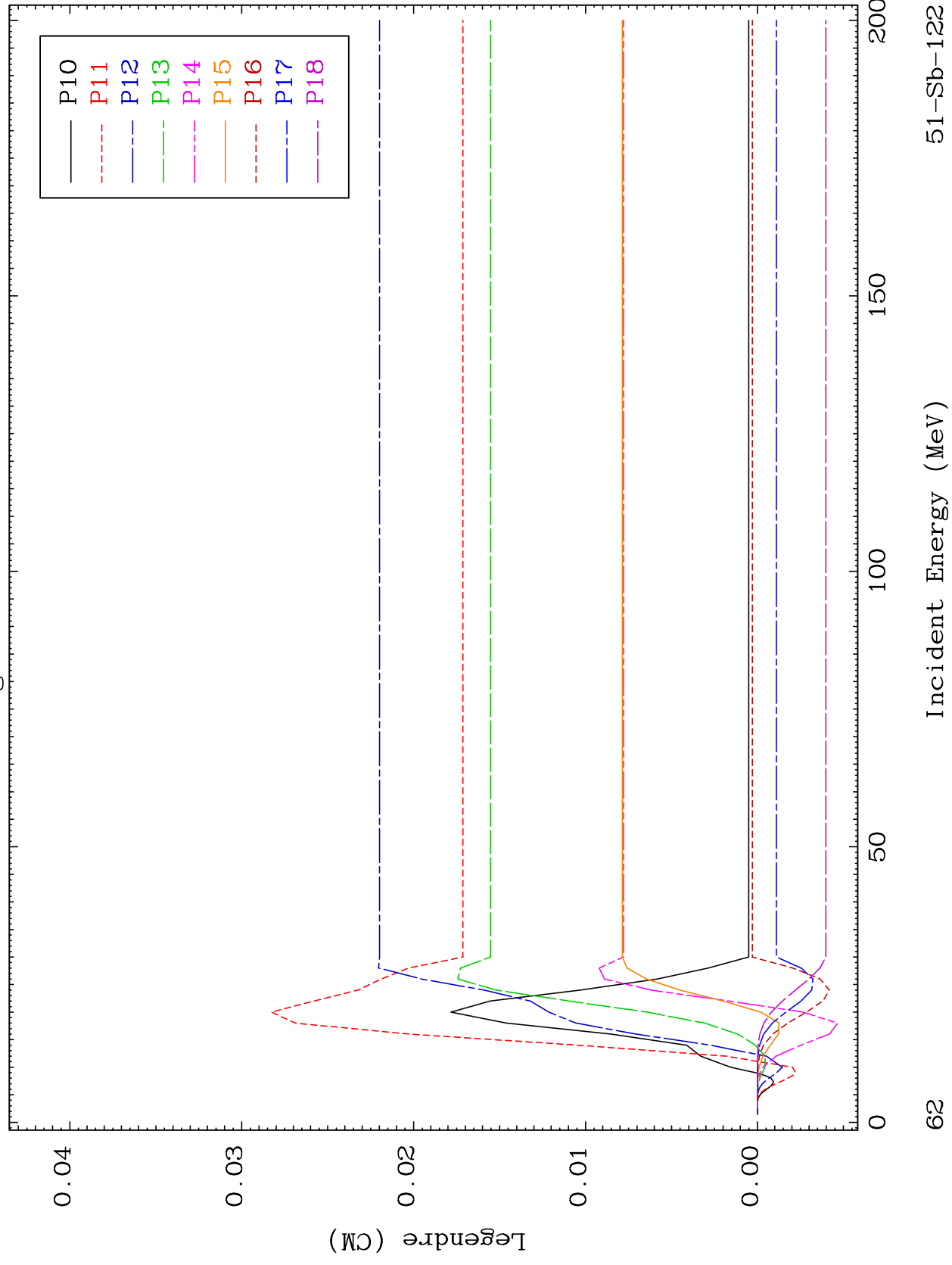
51-Sb-122



MAT 5128

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

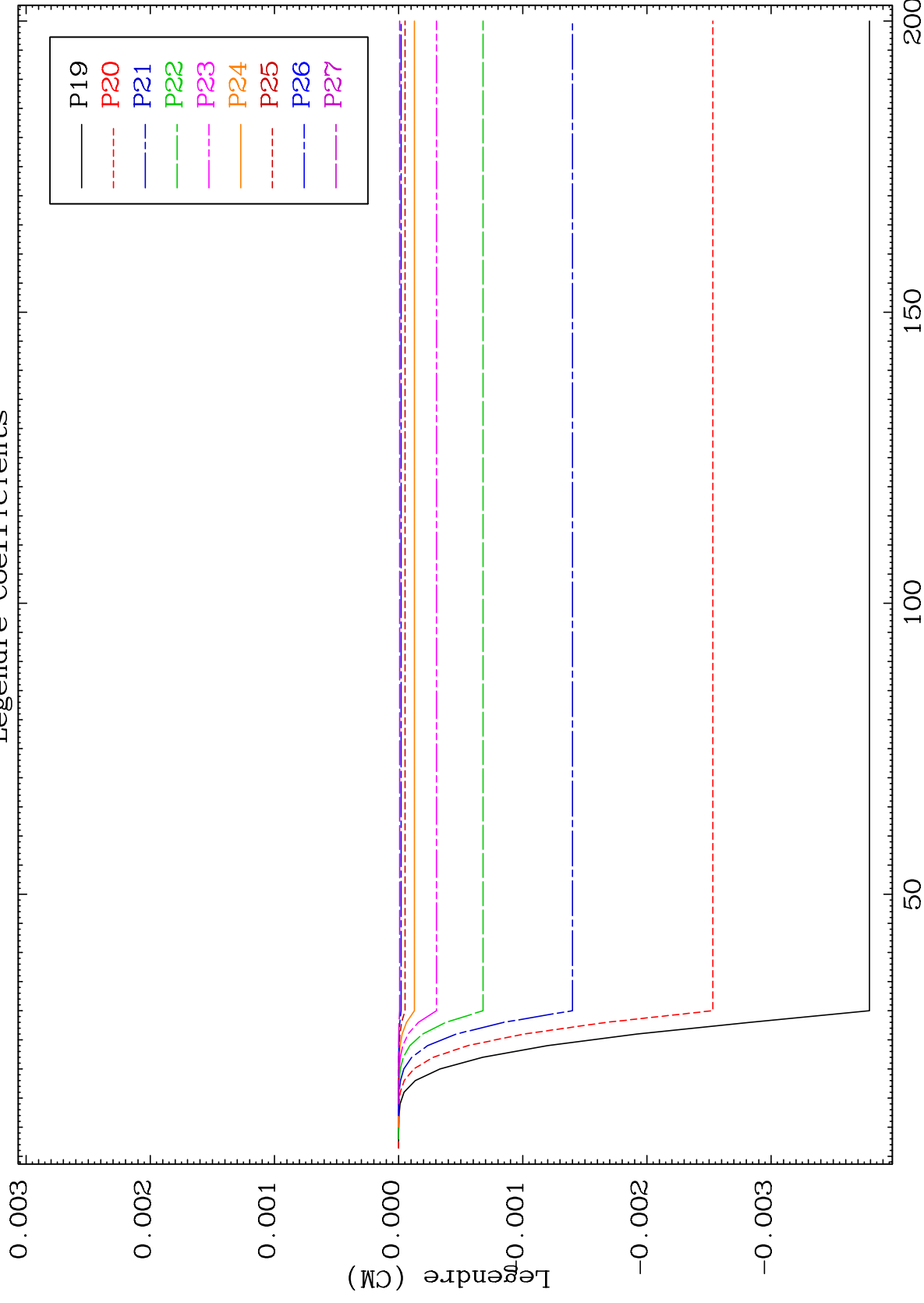
51-Sb-122



MAT 5128

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

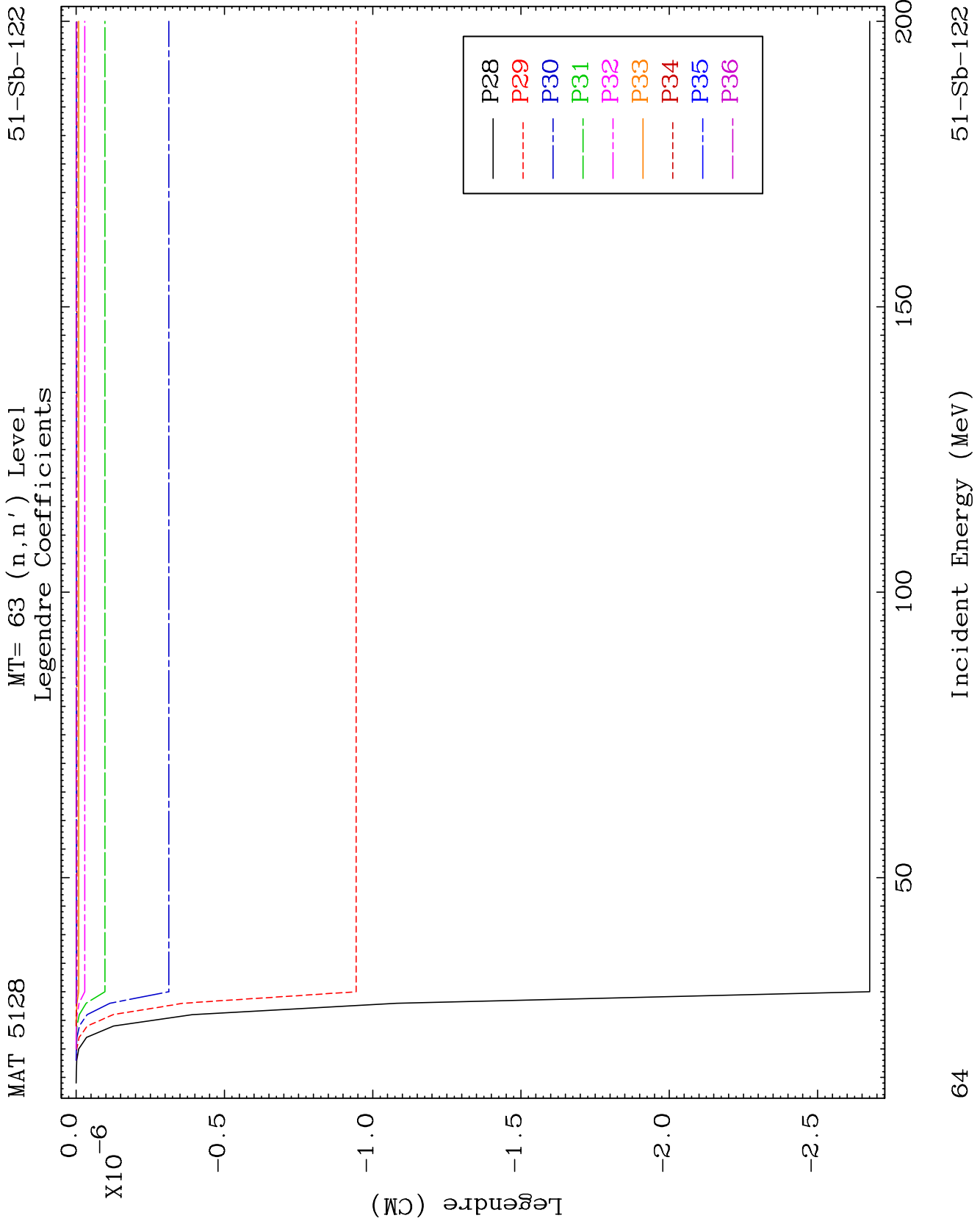
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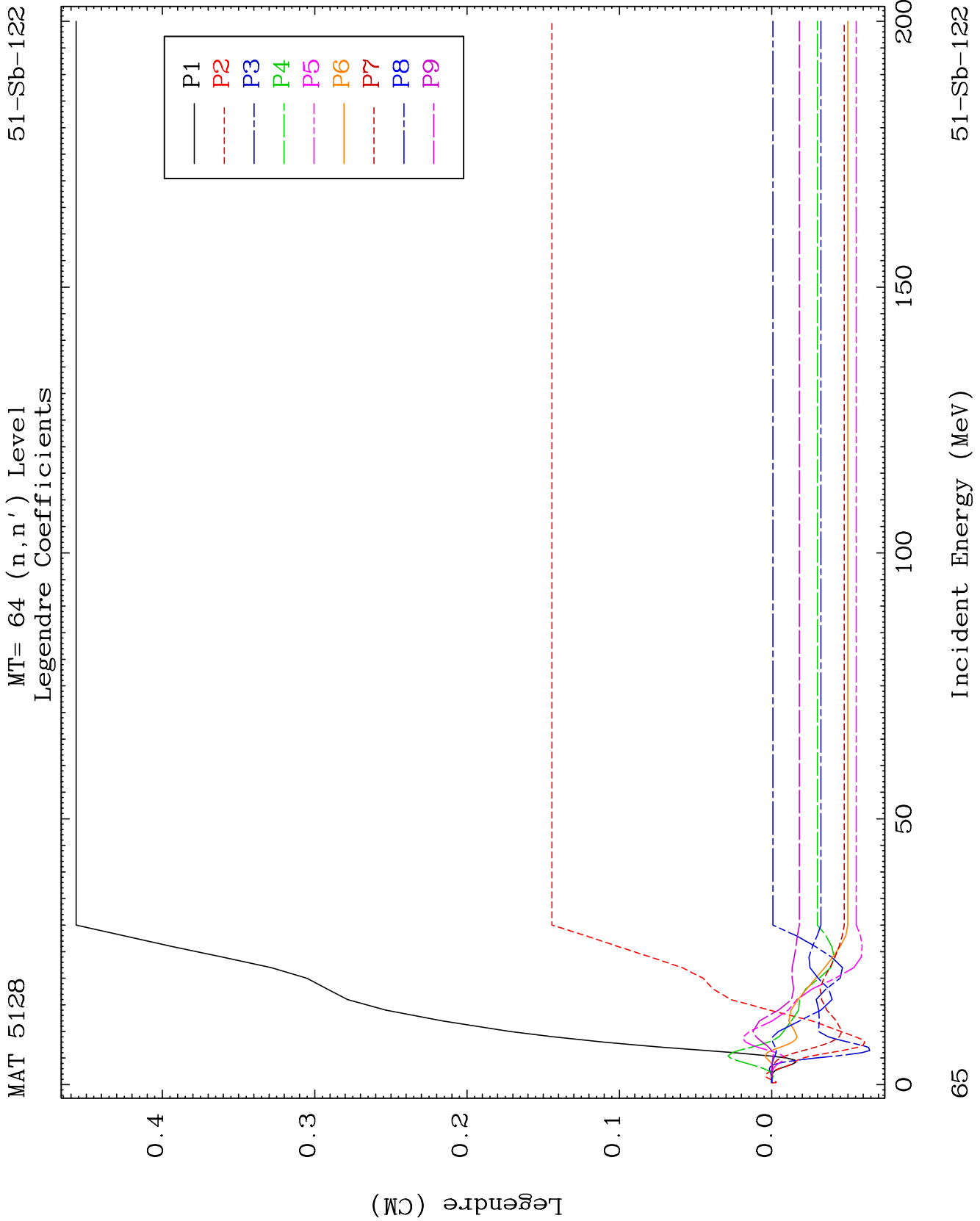


63

Incident Energy (MeV)

51-Sb-122

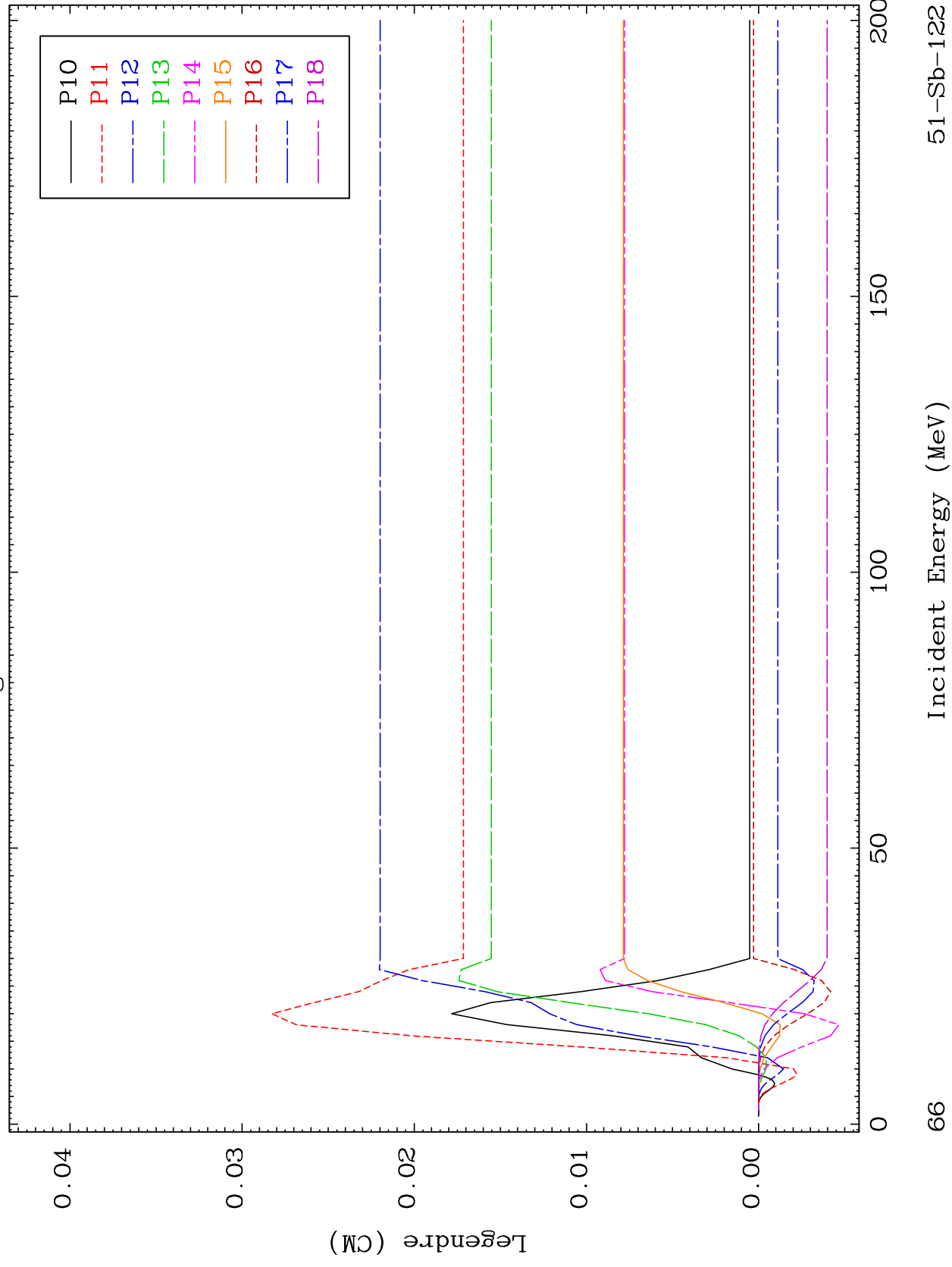


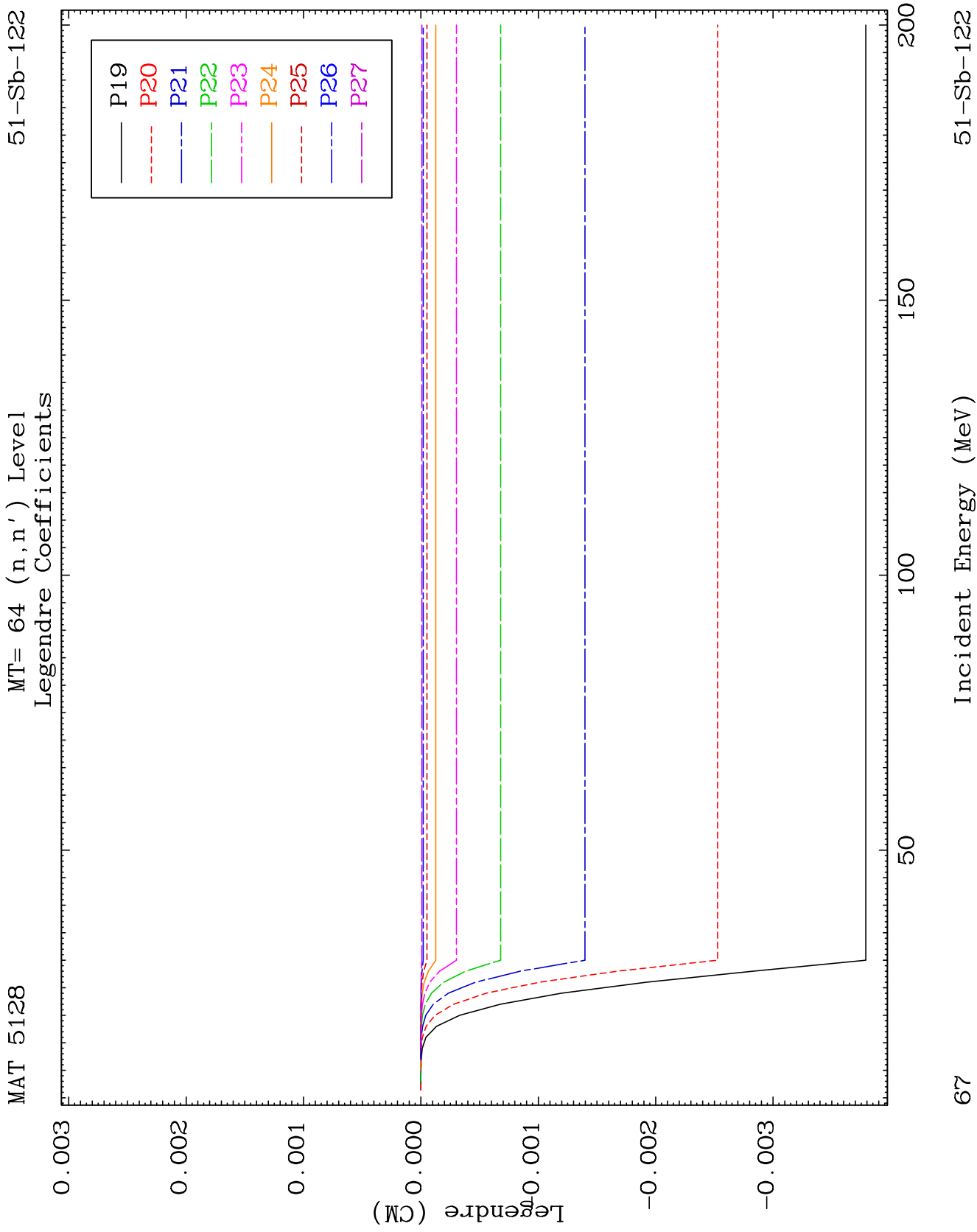


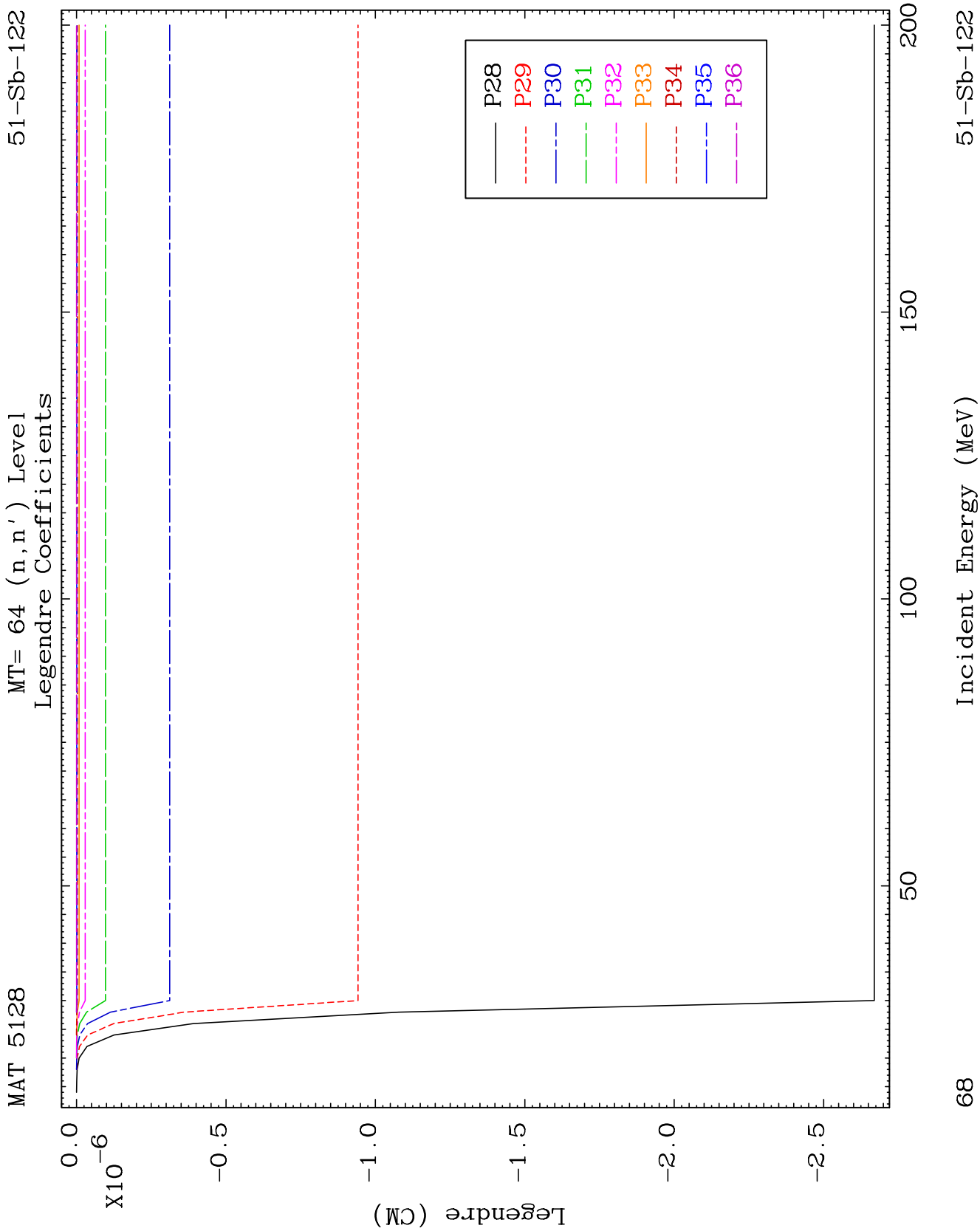
MAT 5128

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

51-Sb-122



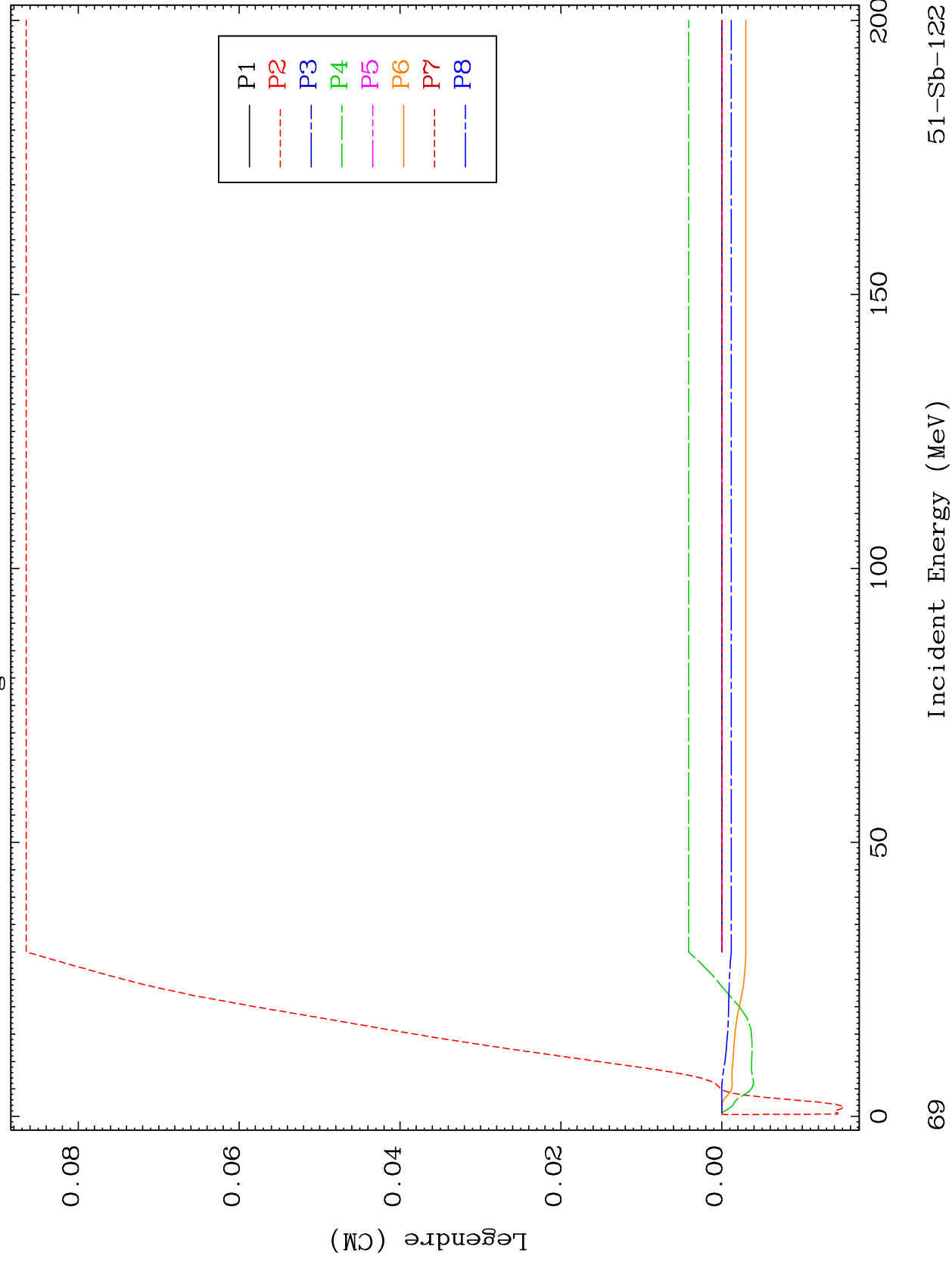


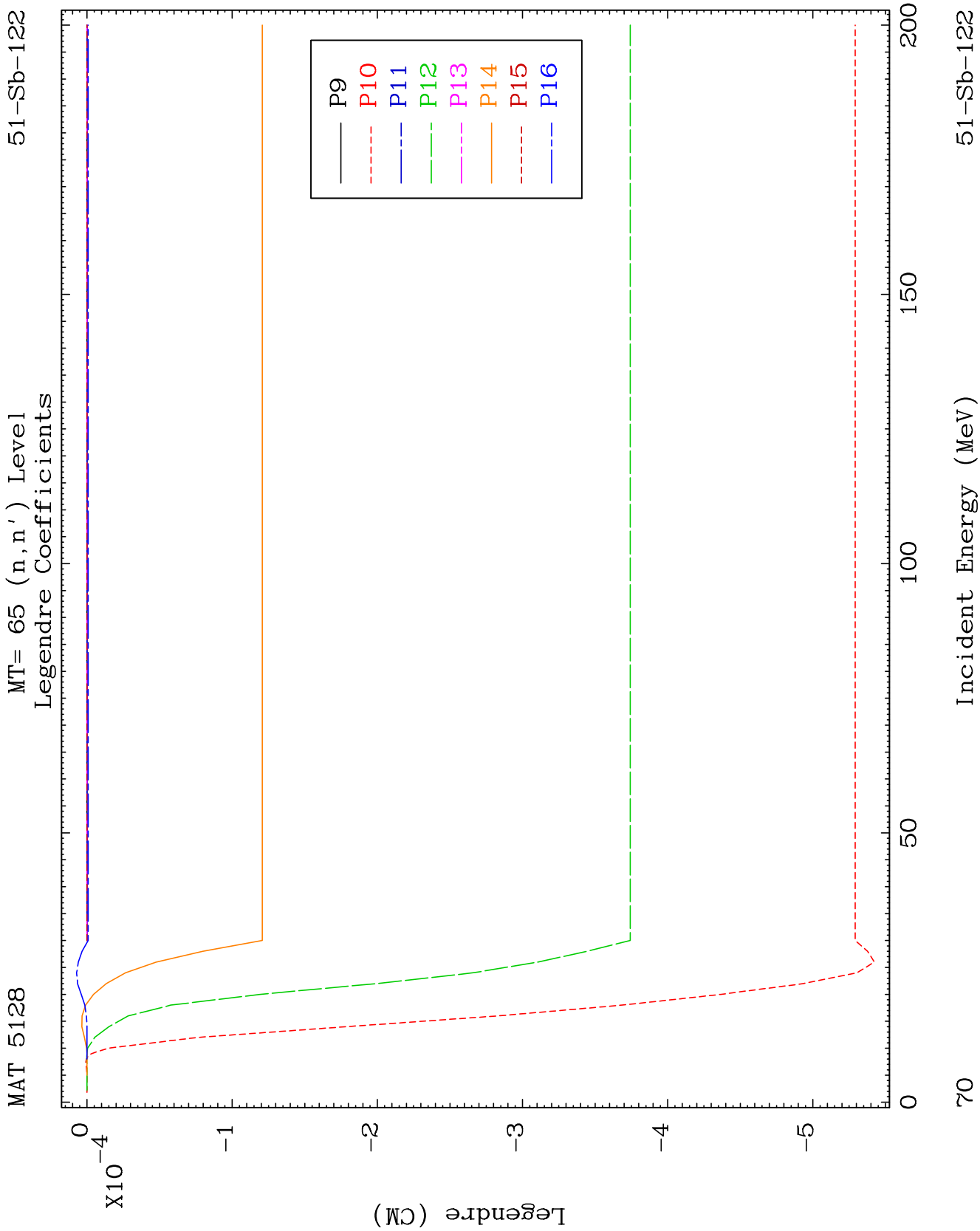


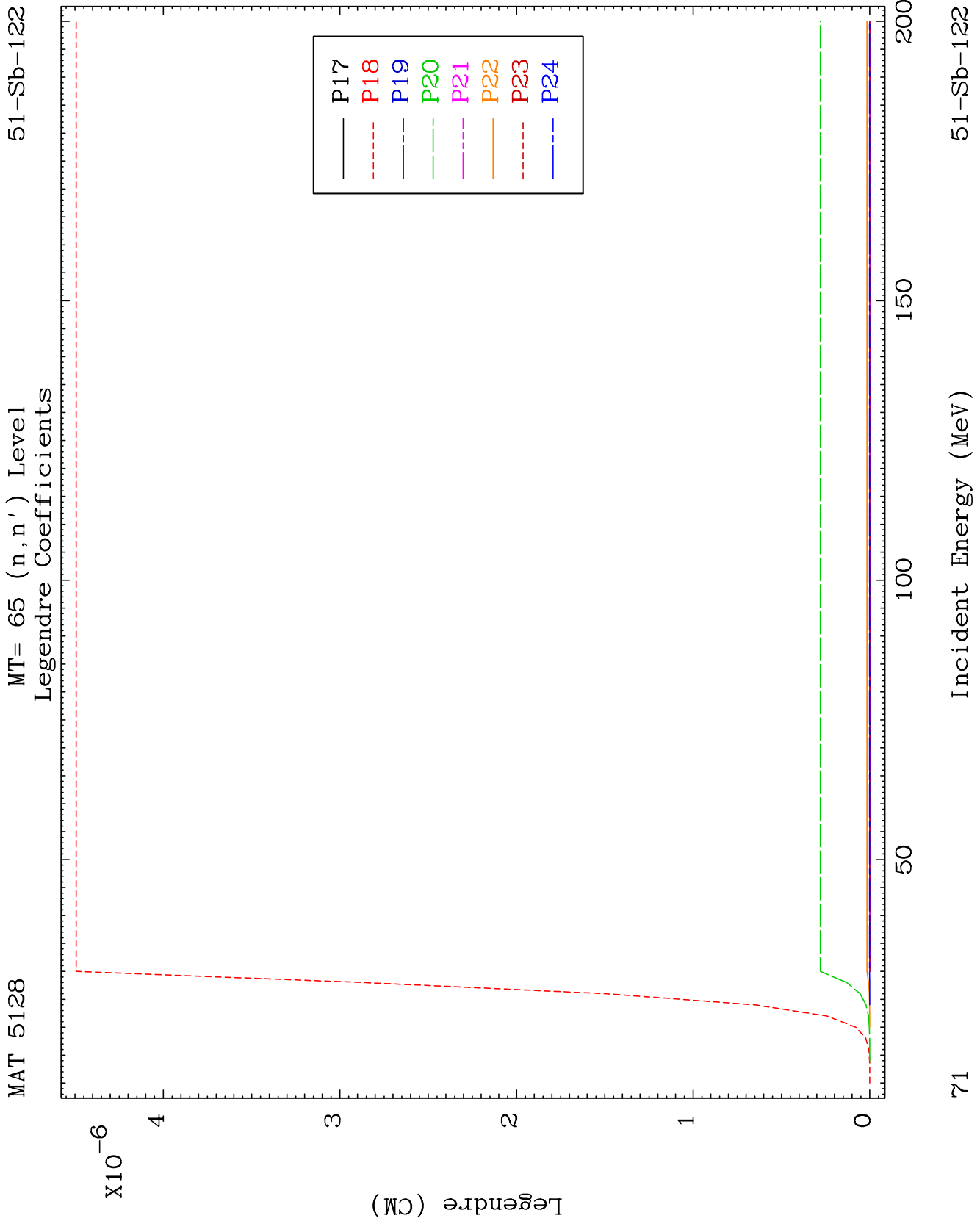
MAT 5128

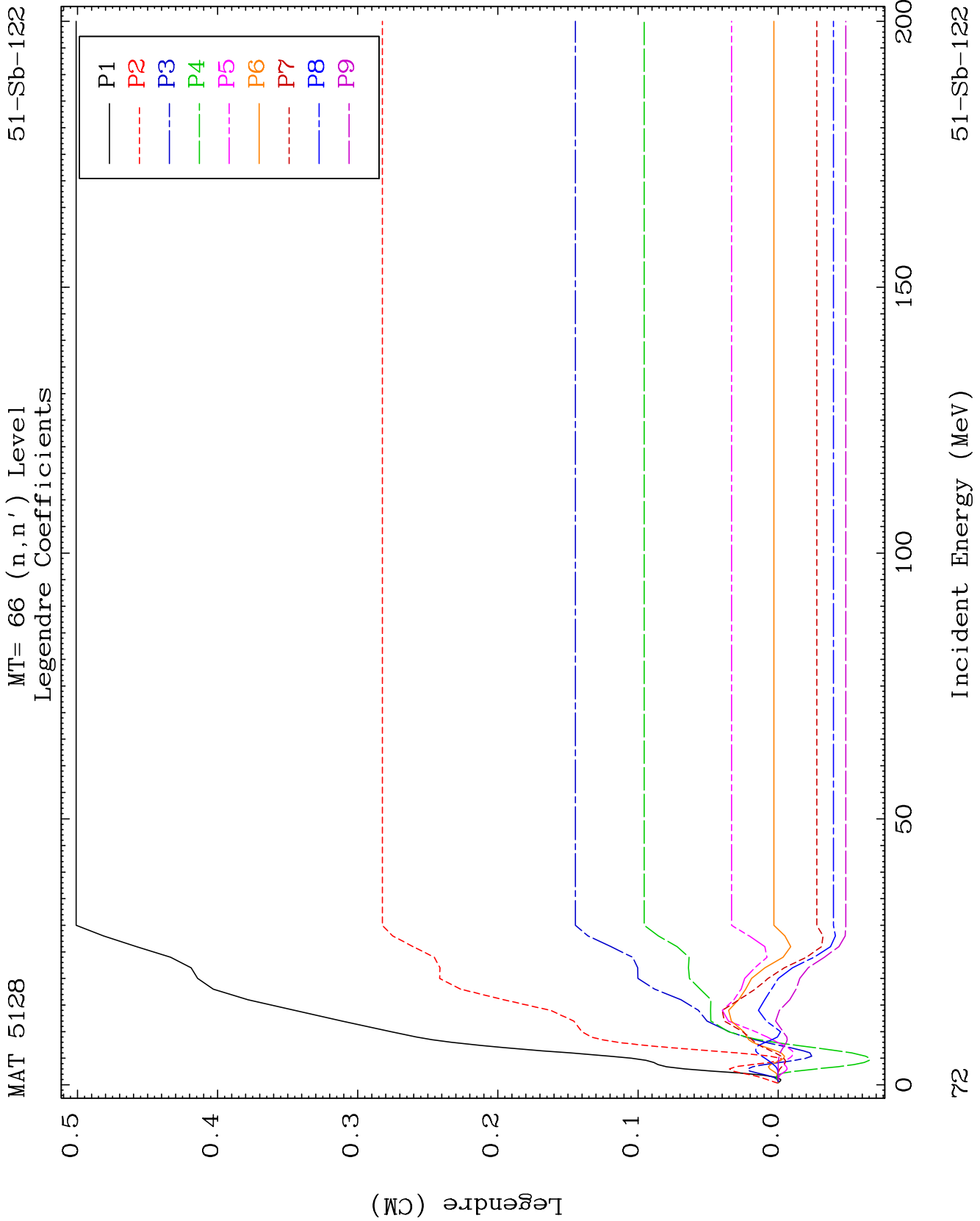
MT= 65 (n, n') Level
Legendre Coefficients

51-Sb-122







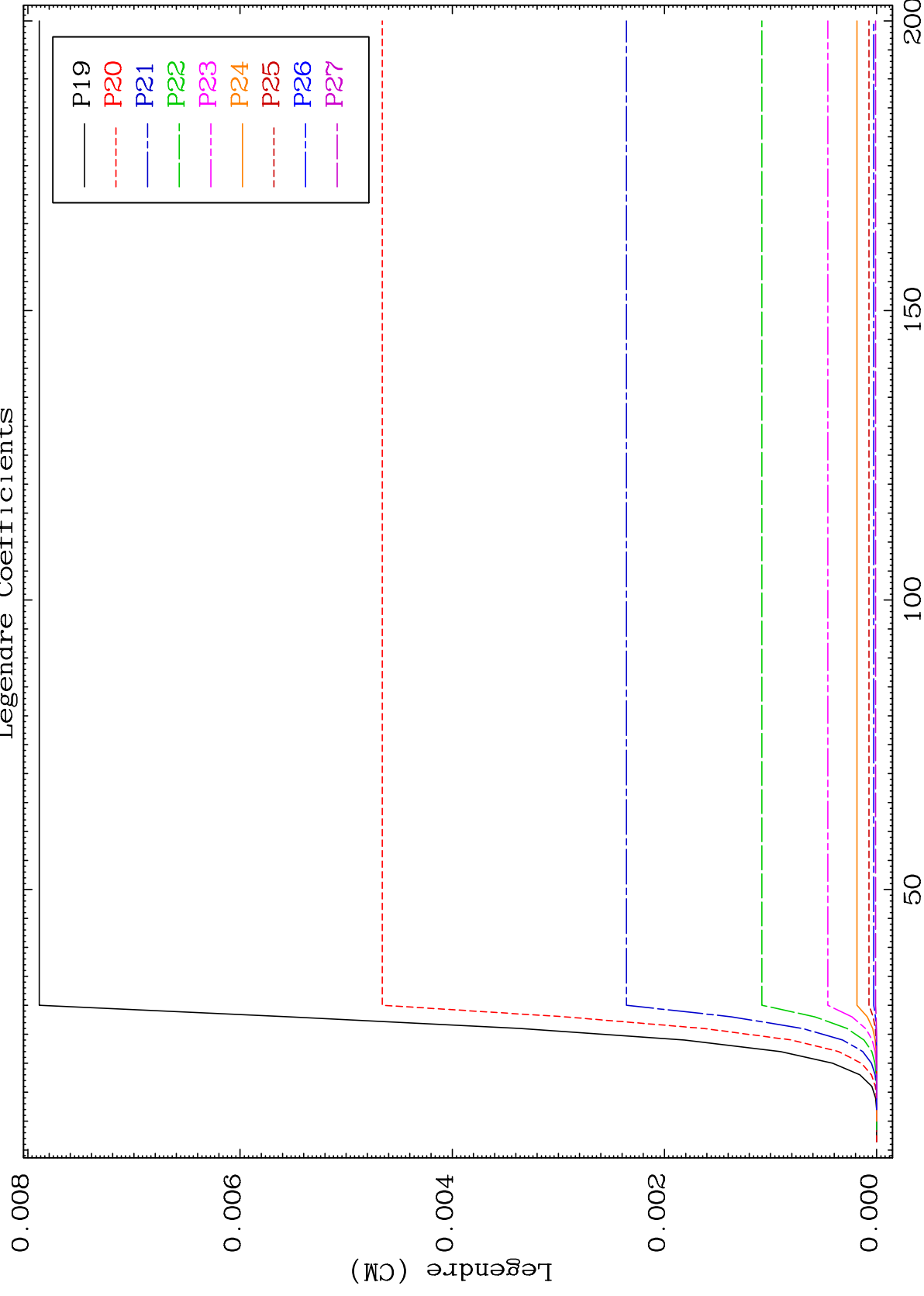


MAT 5128

MT= 66 (n, n') Level

51-Sb-122

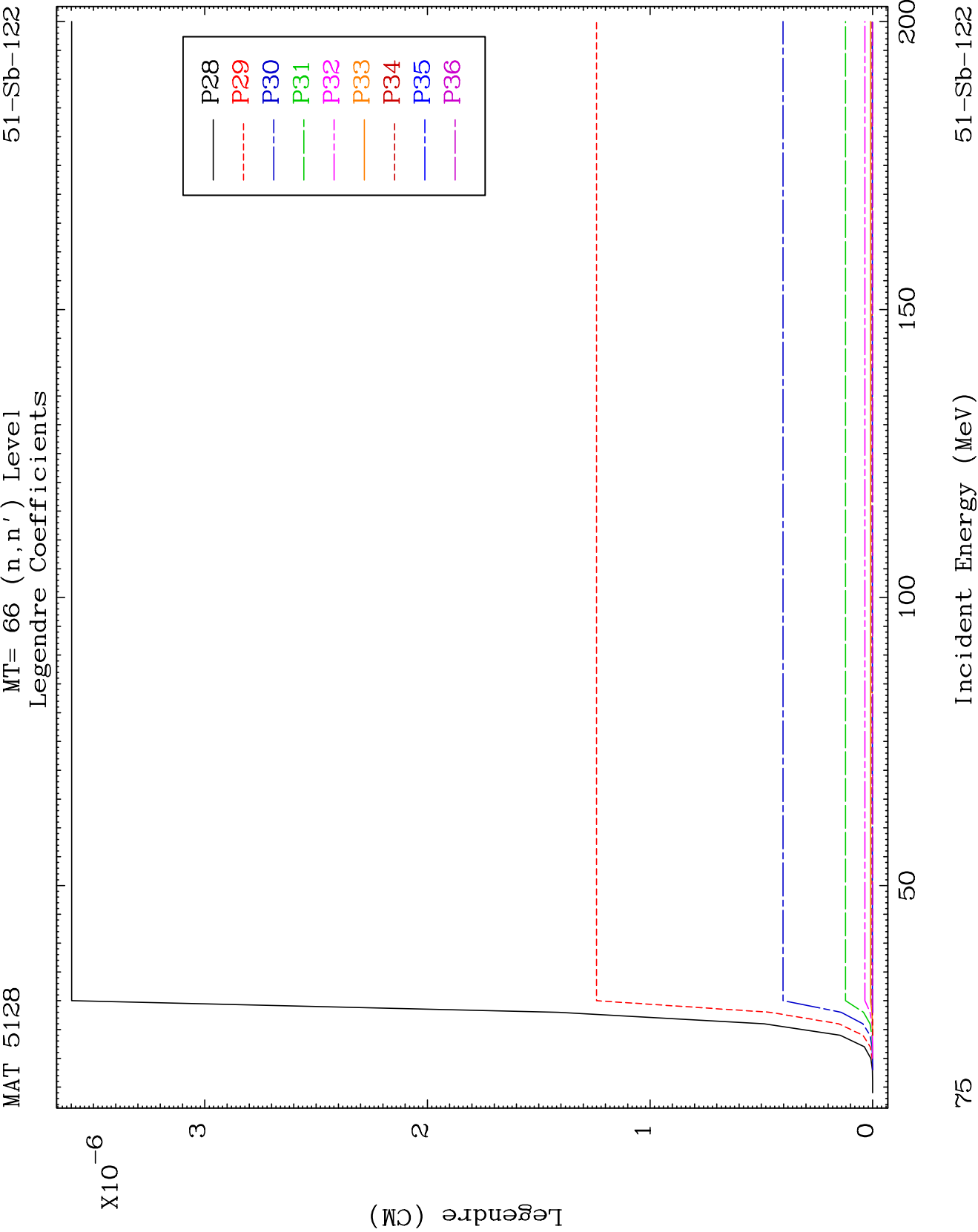
Legendre Coefficients

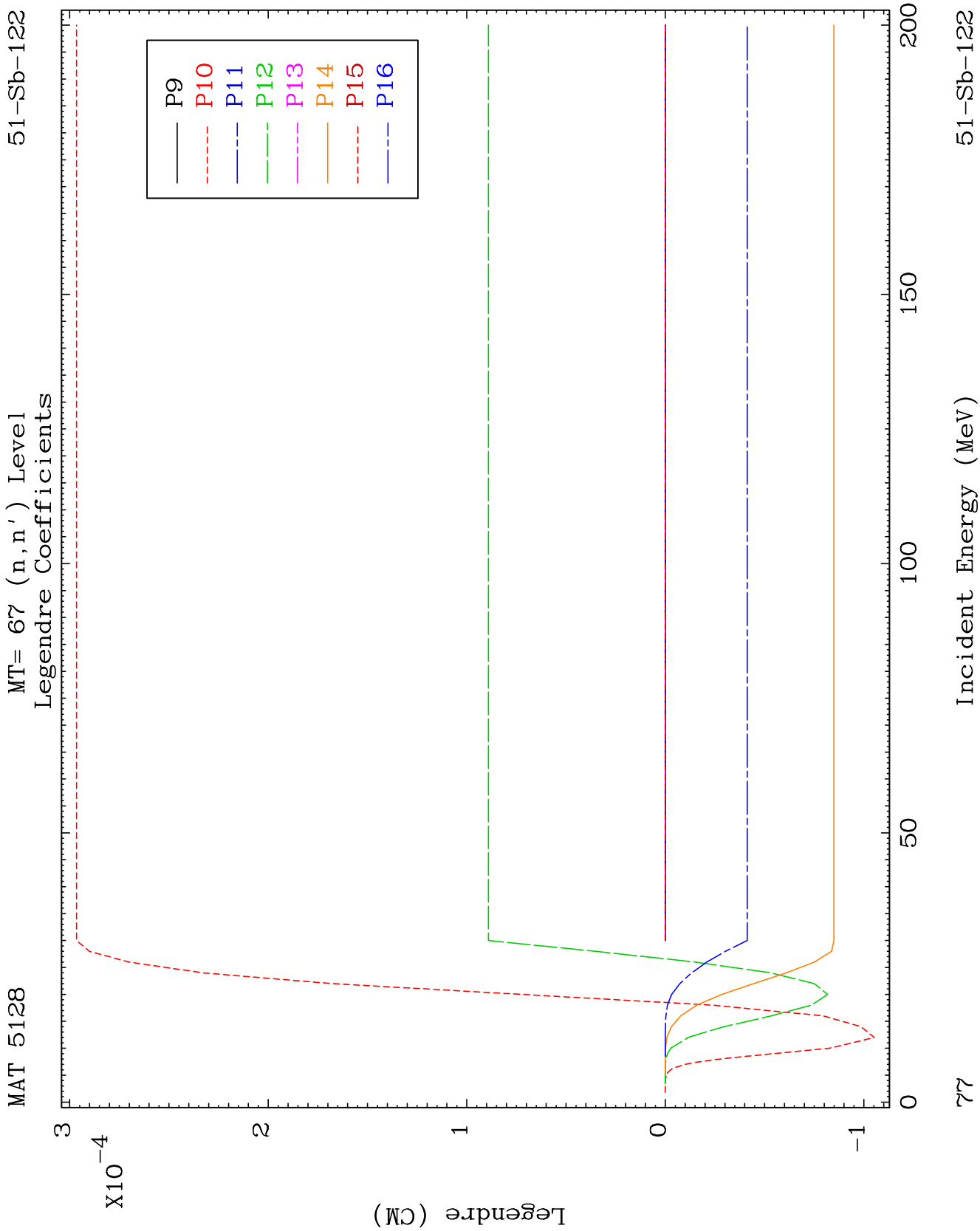


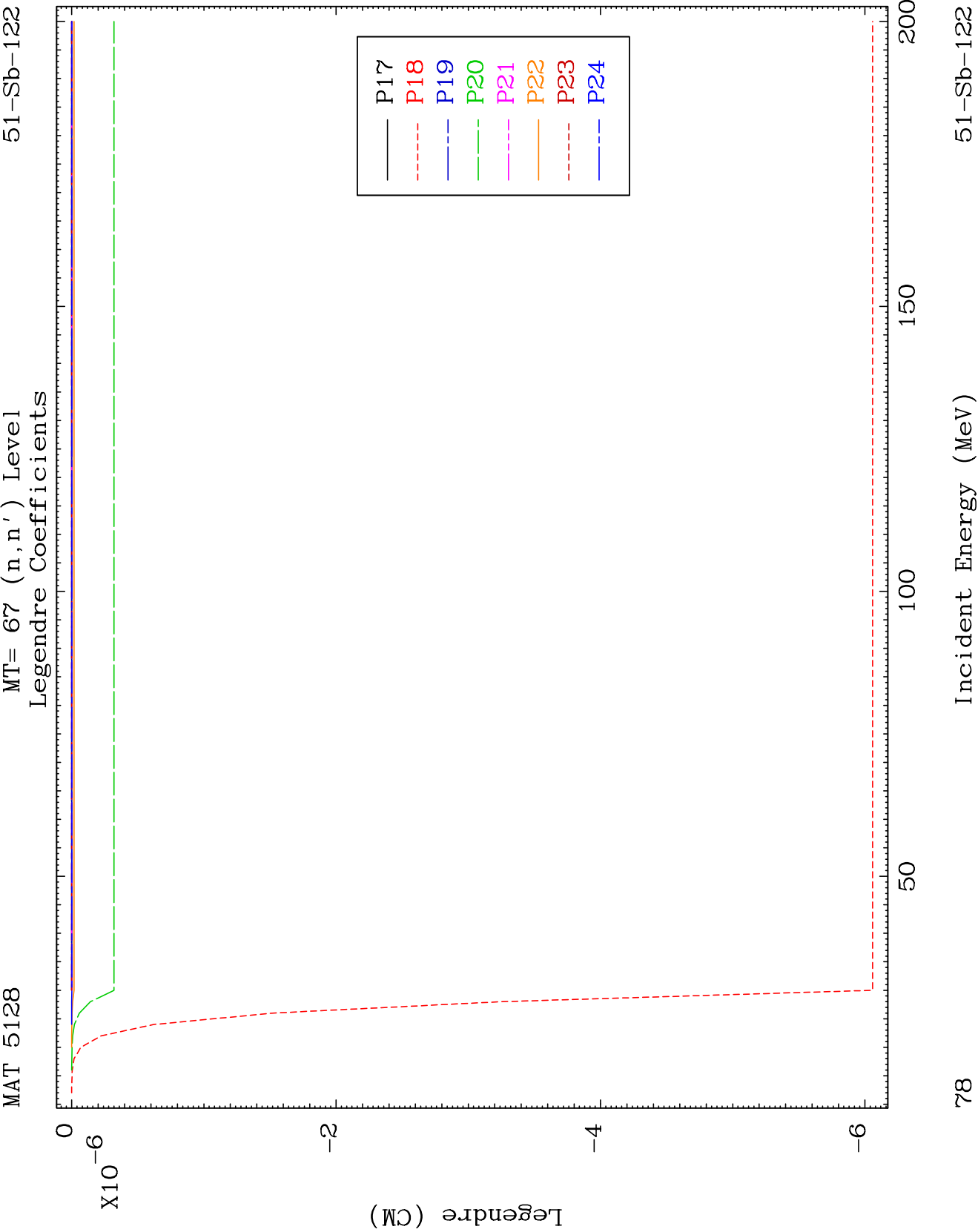
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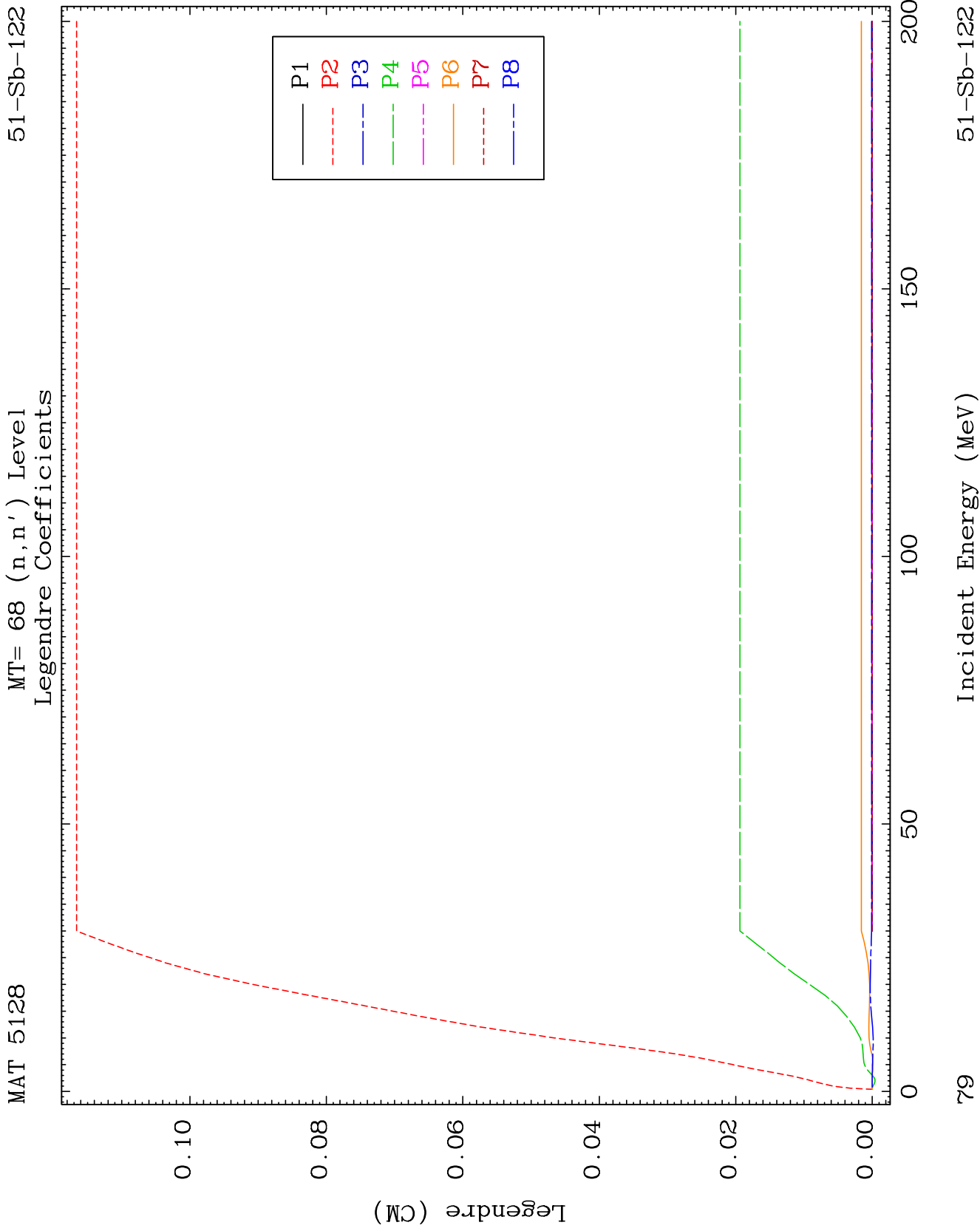
Incident Energy (MeV)

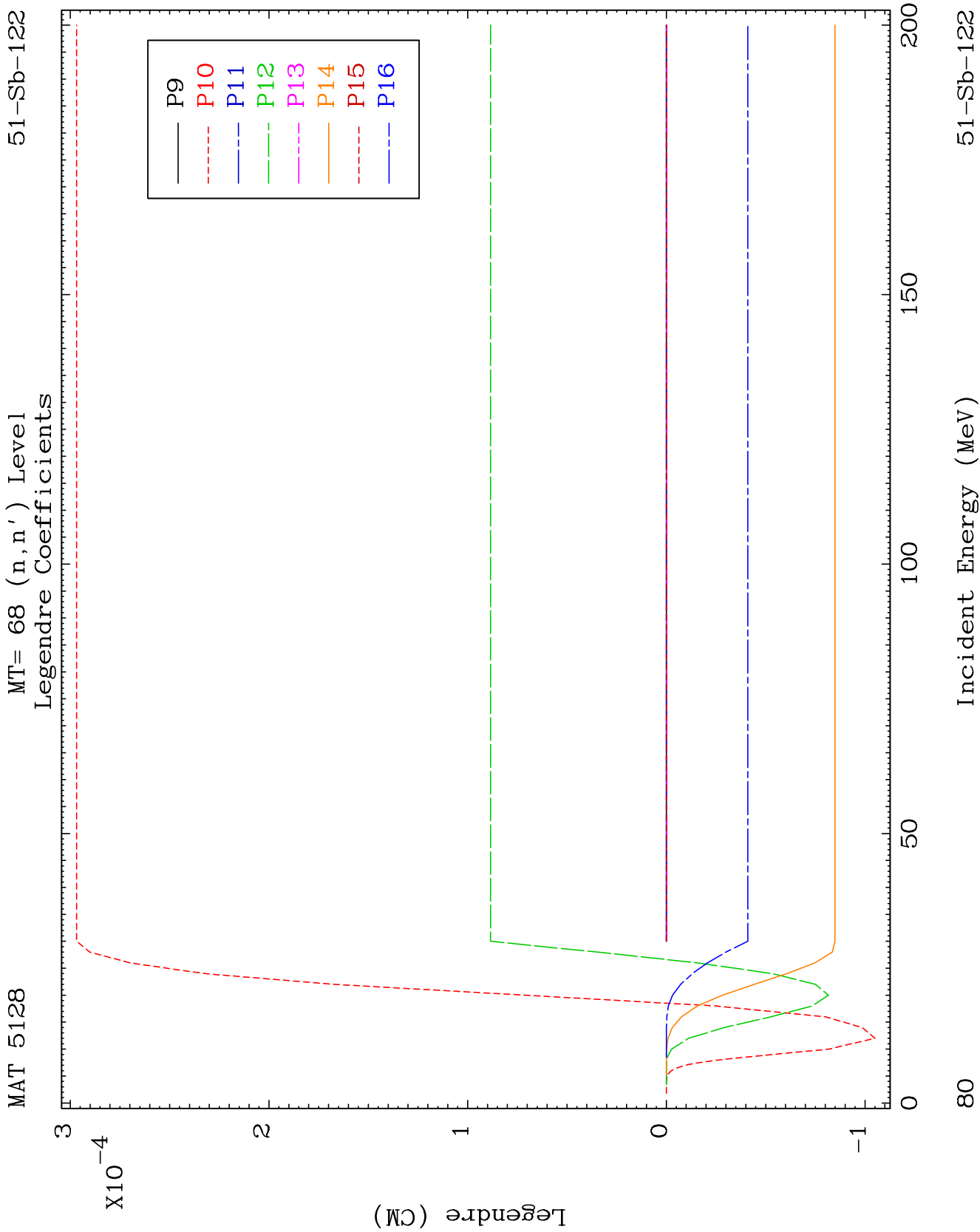
51-Sb-122

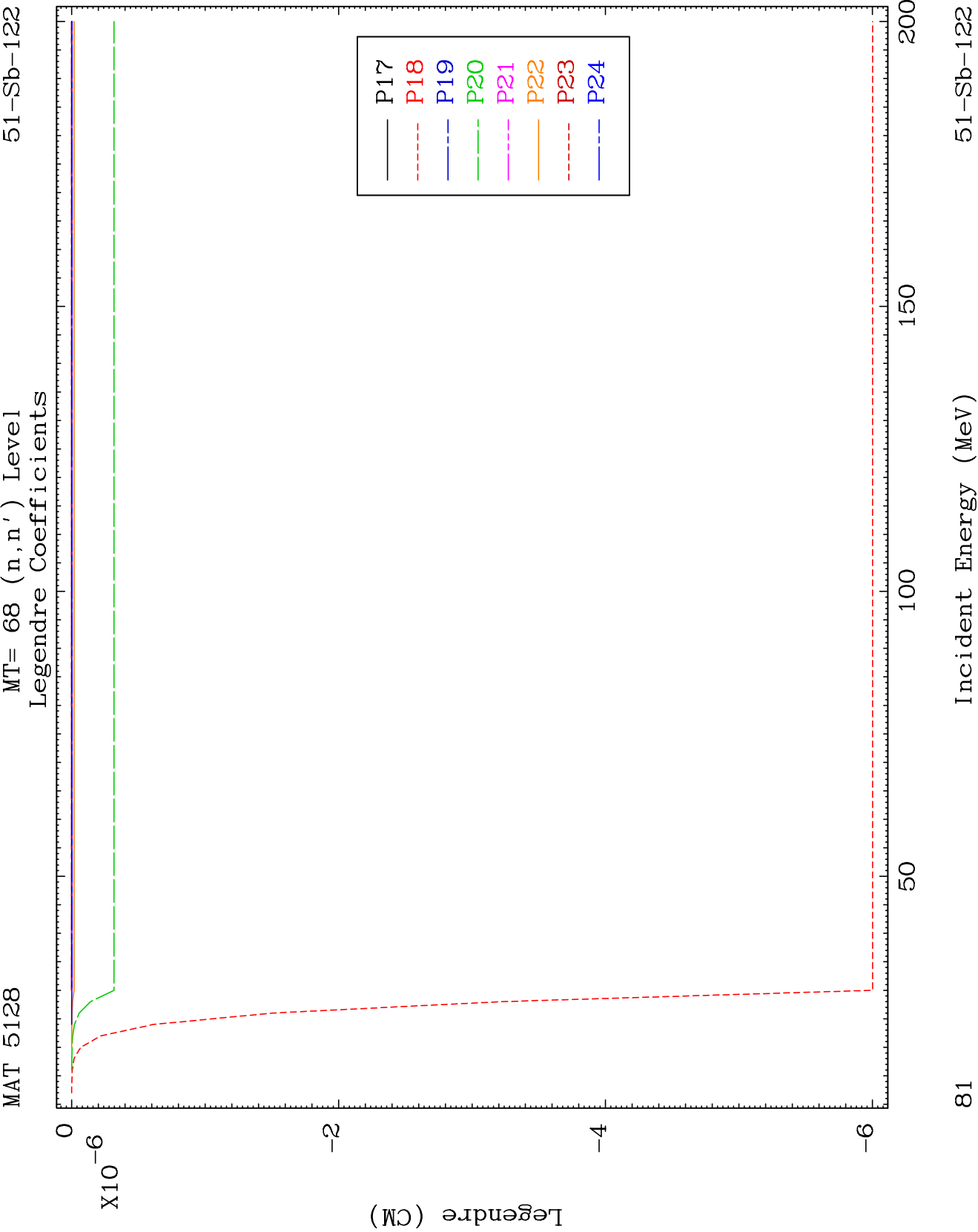


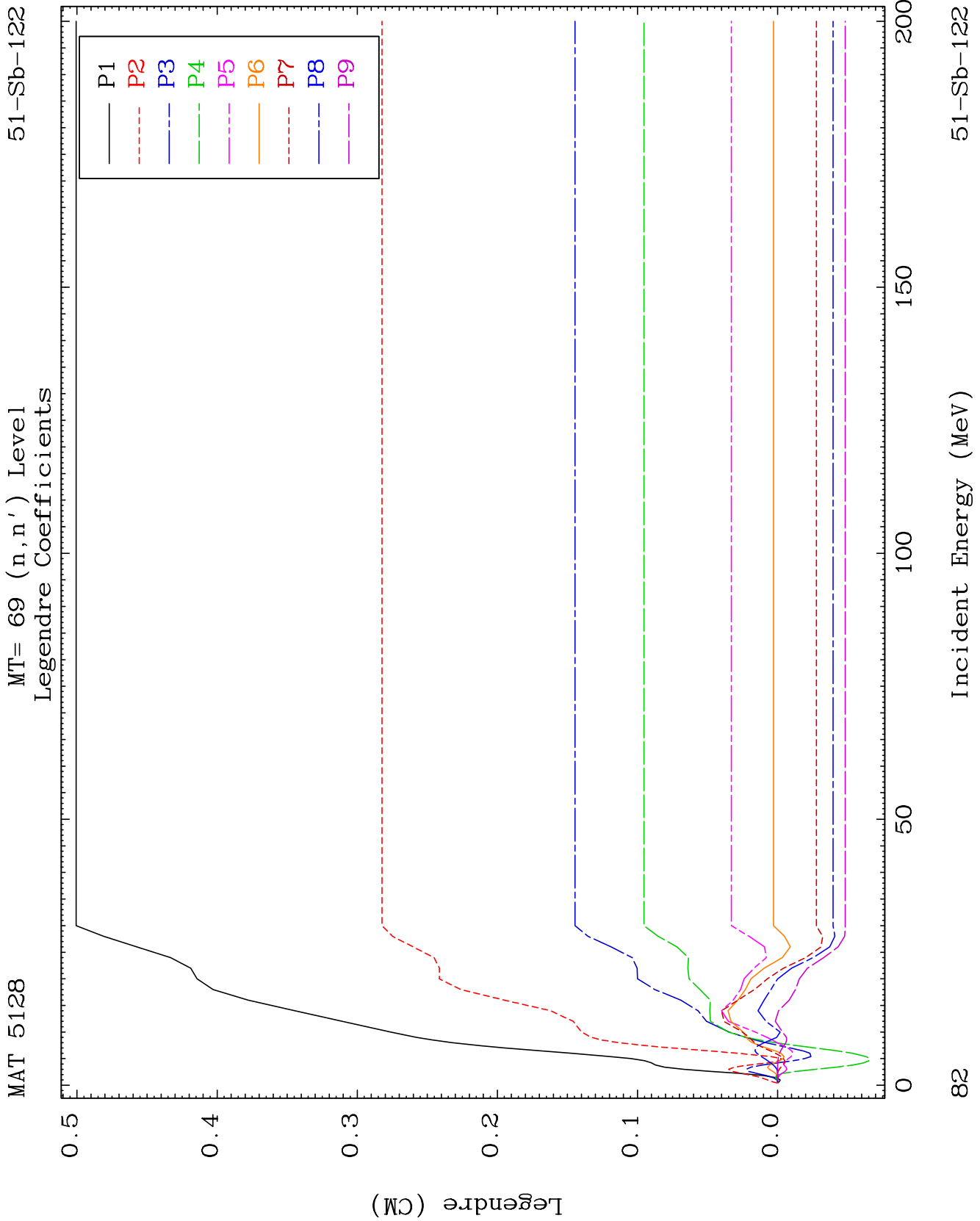


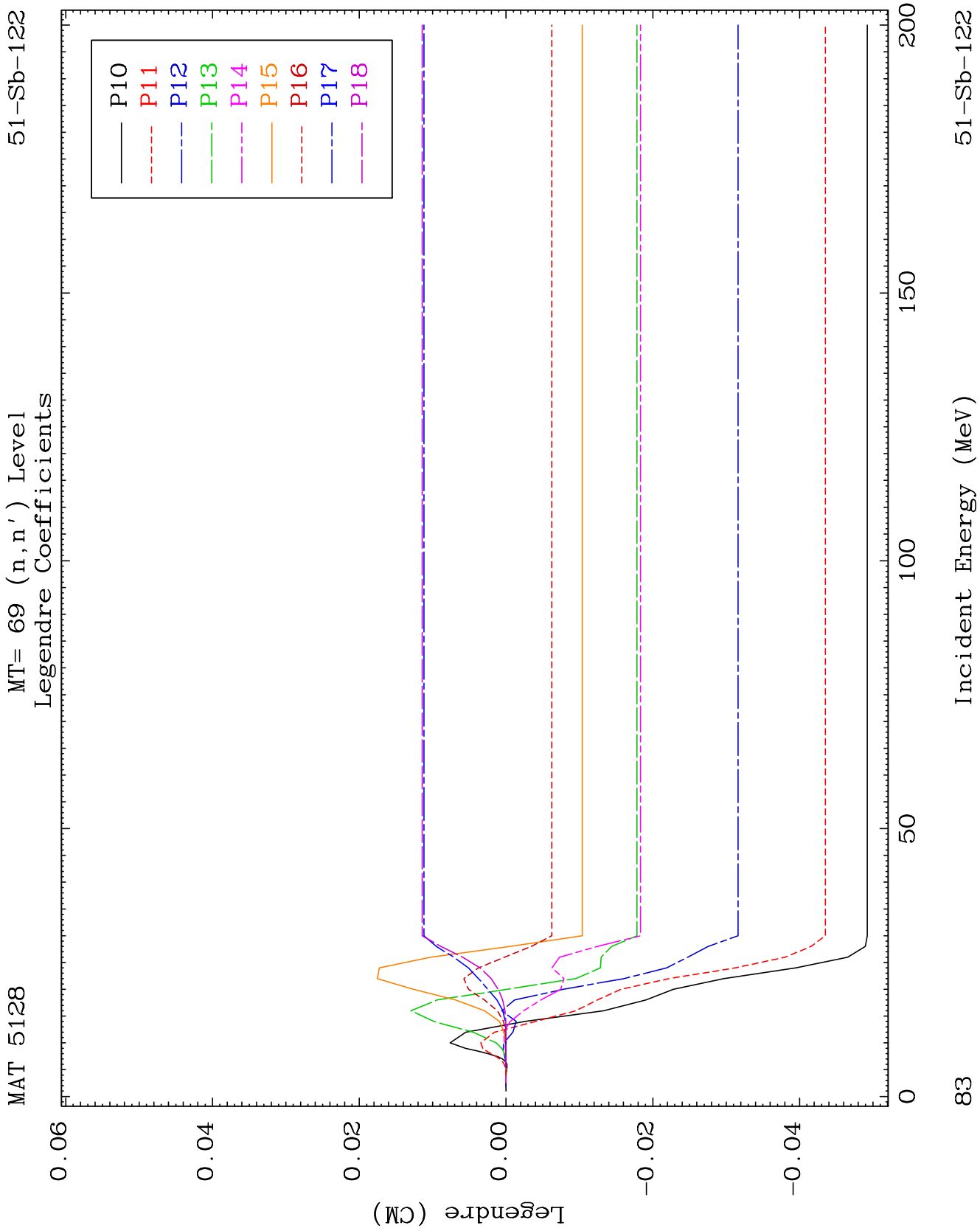


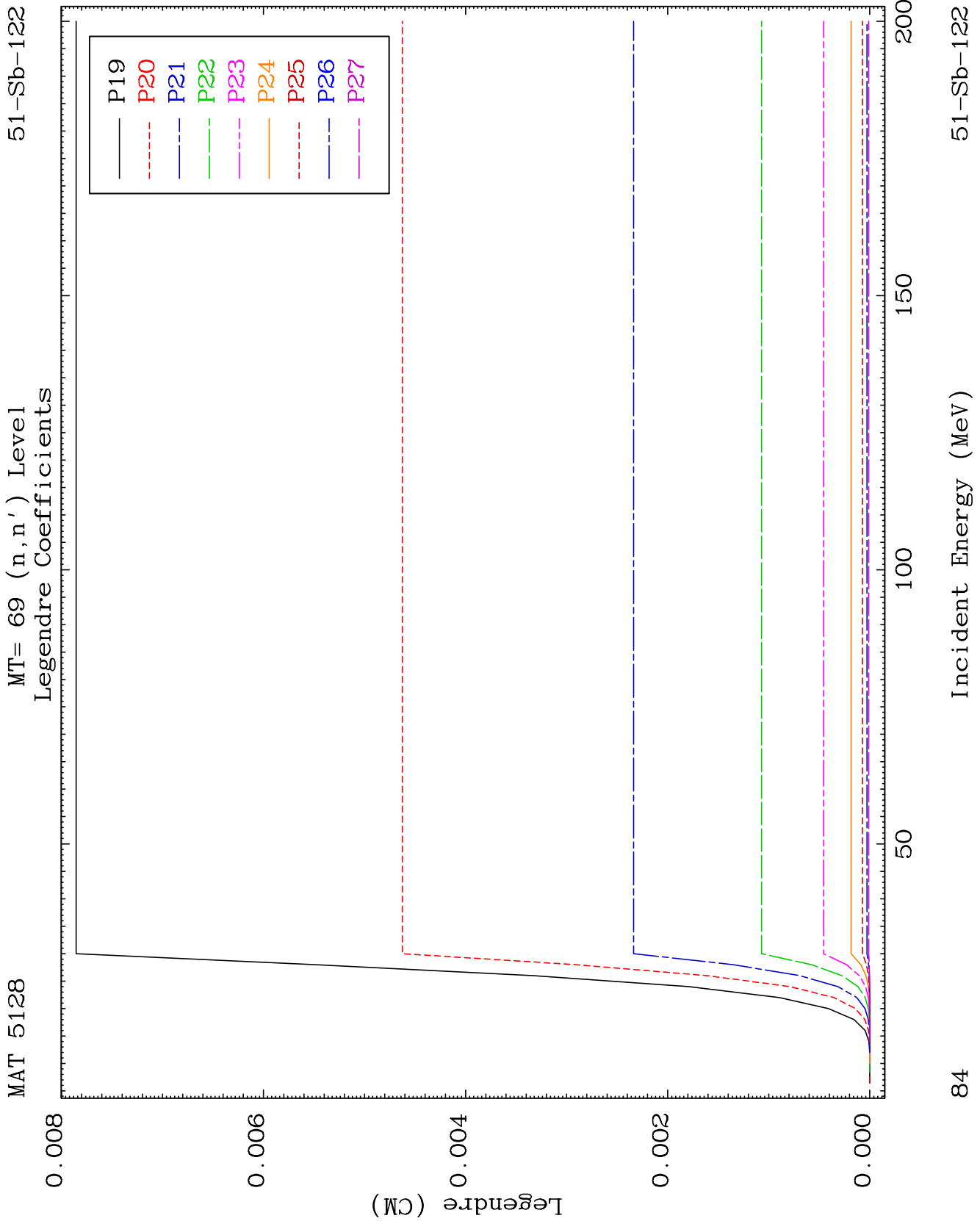


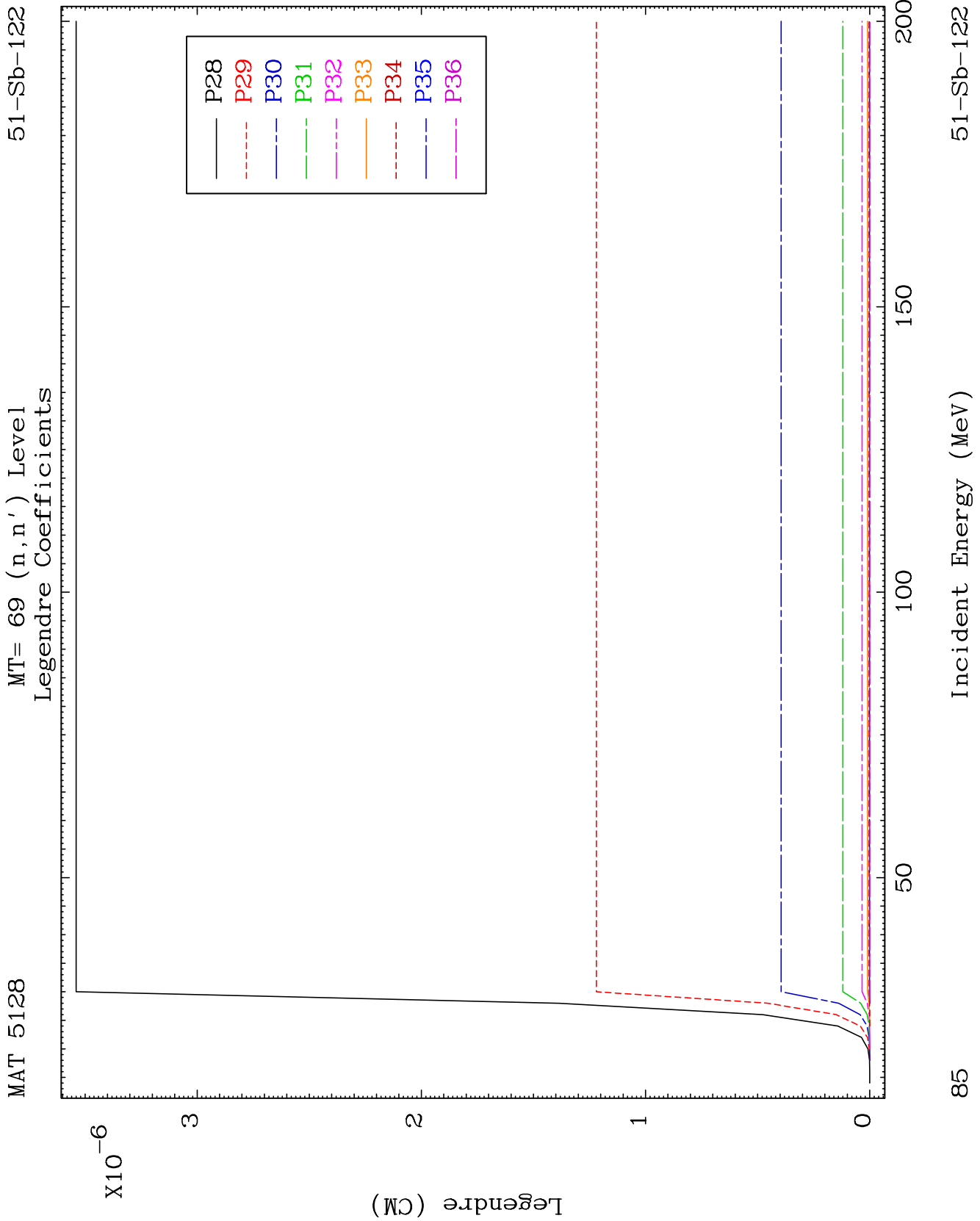


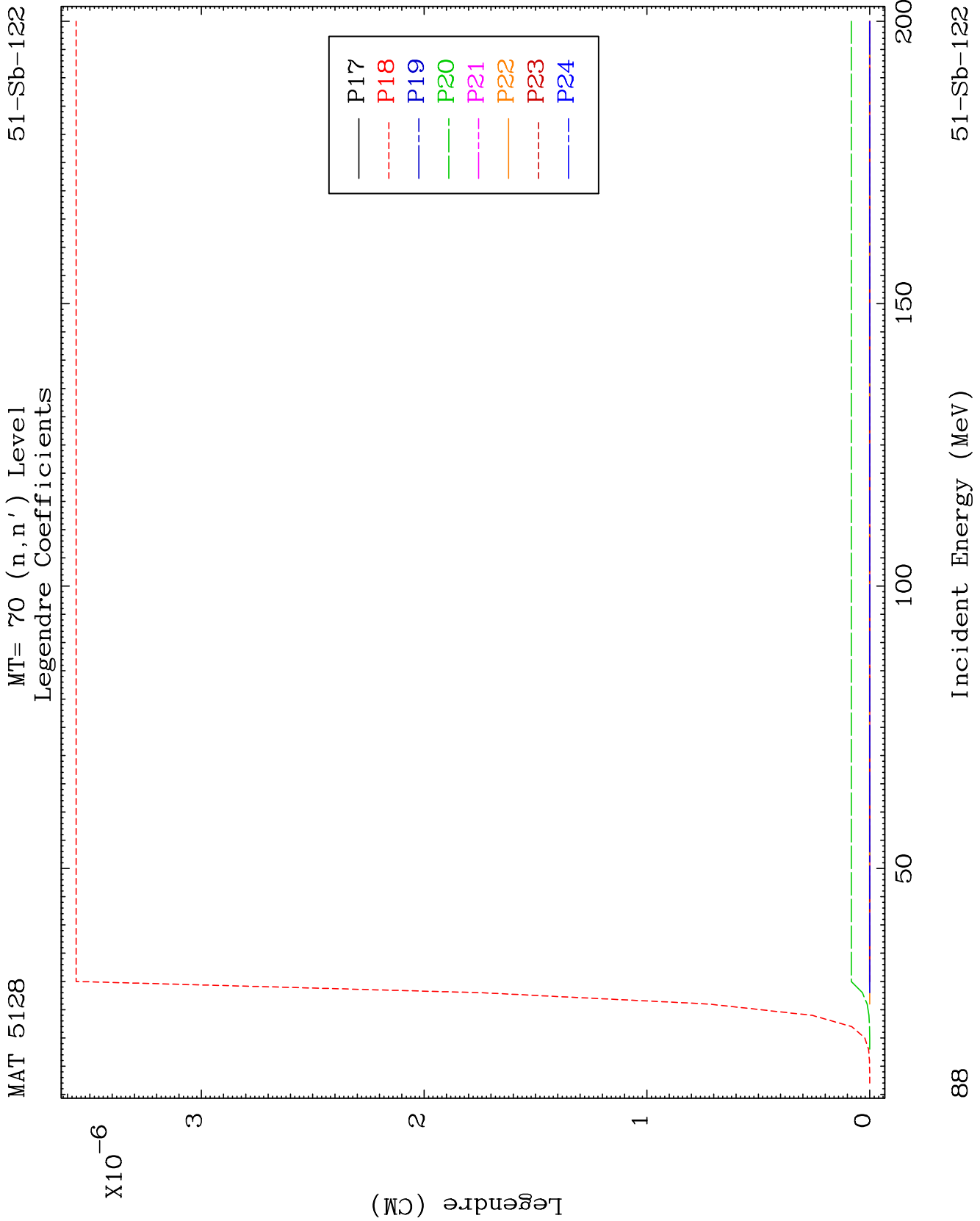


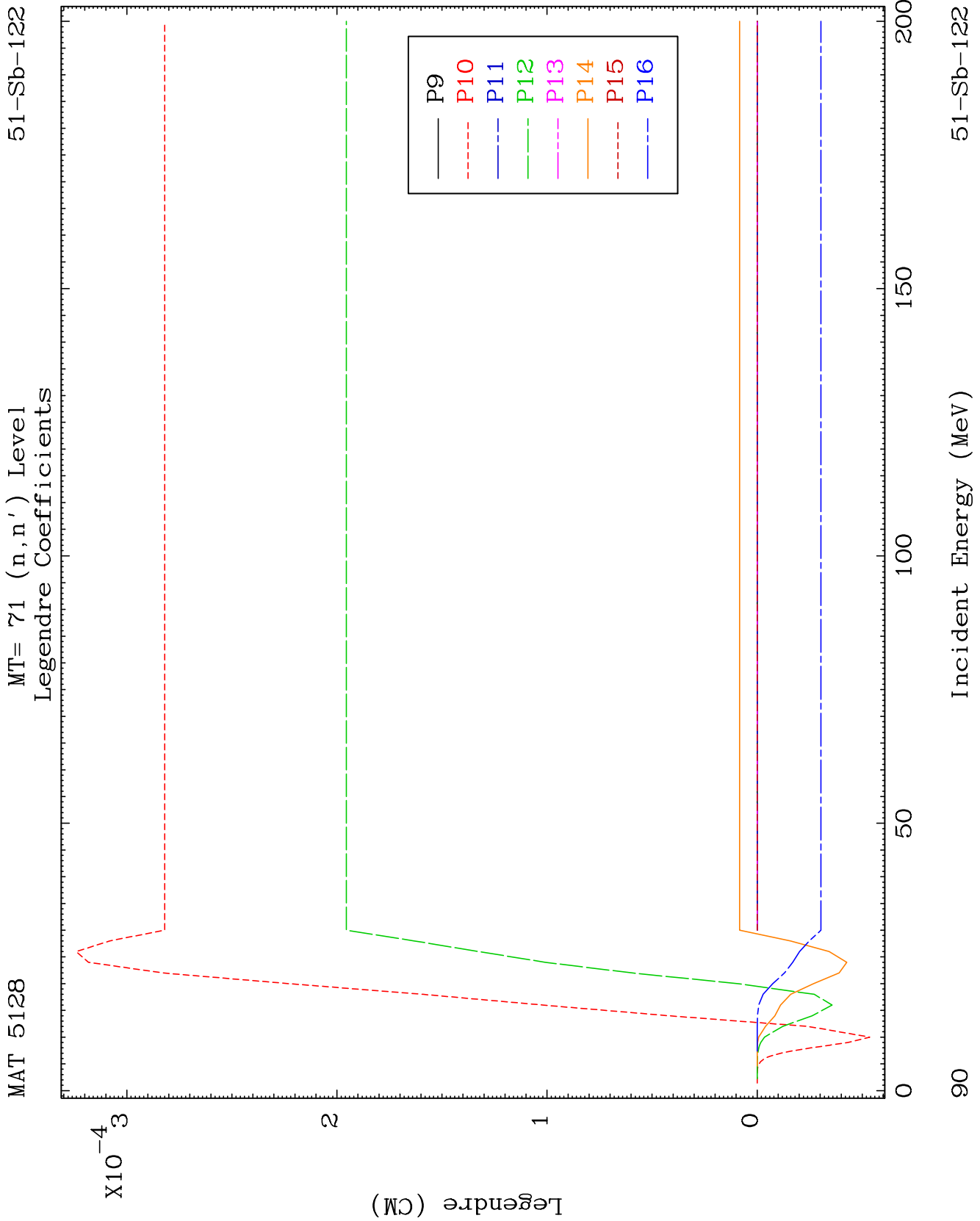


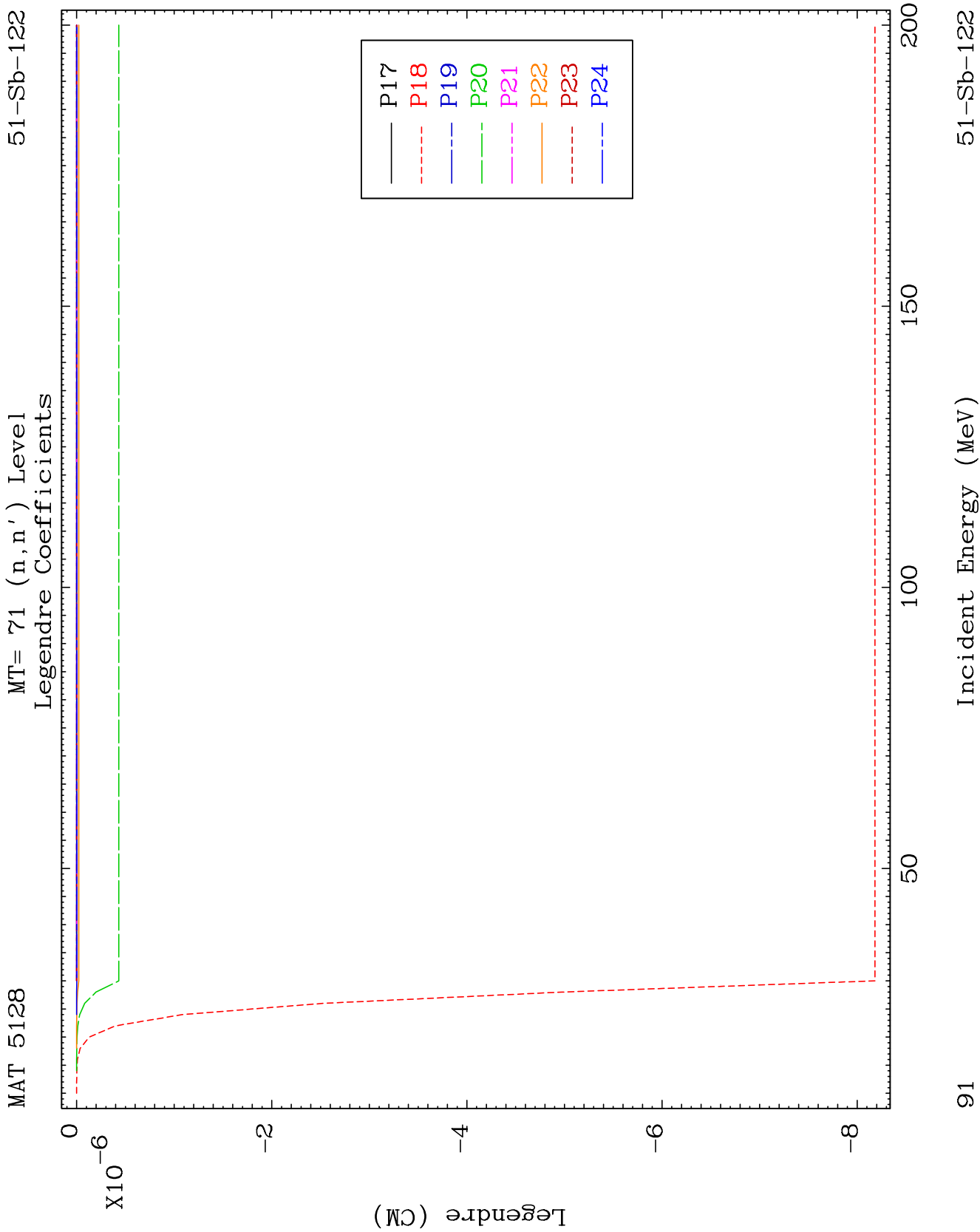


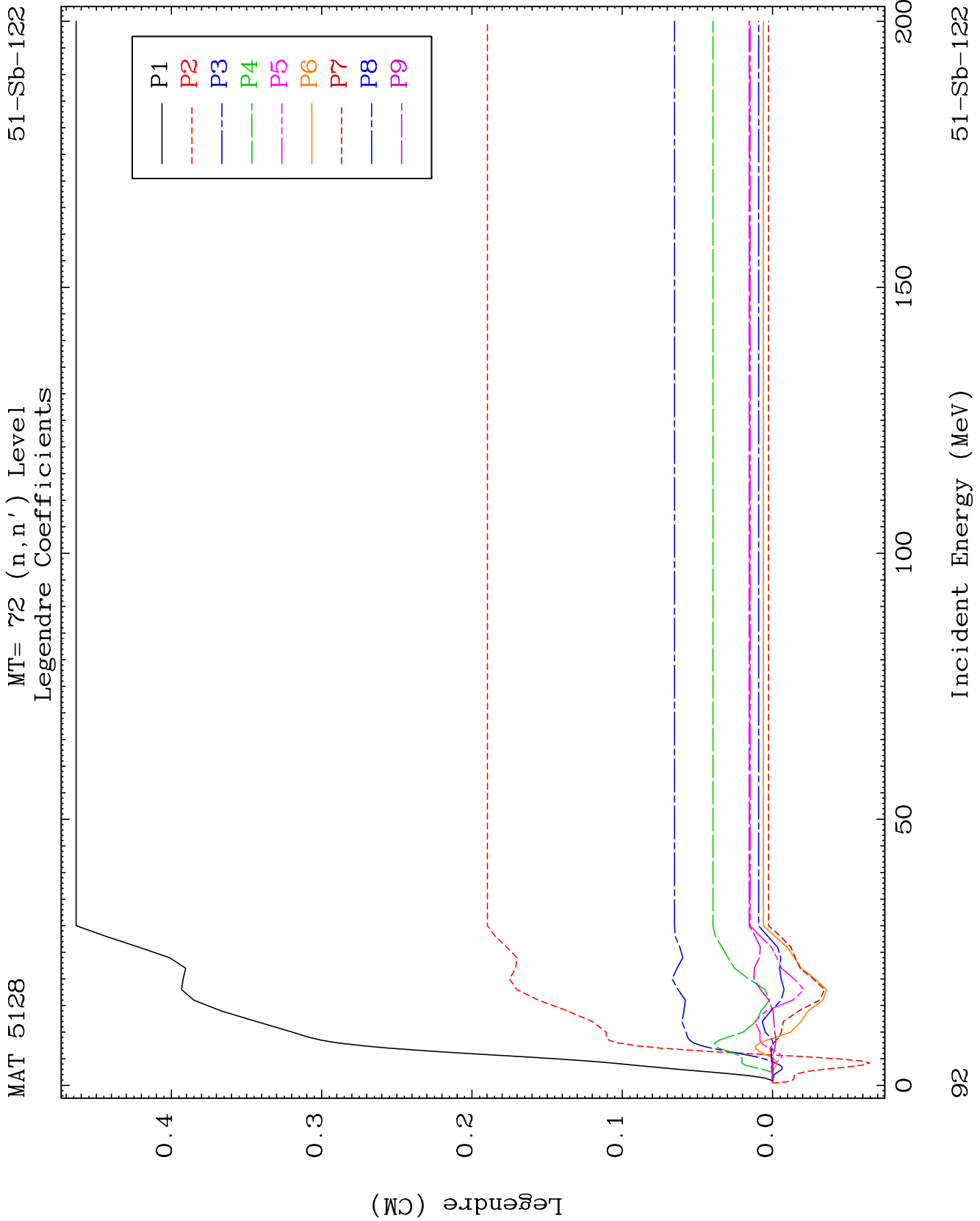


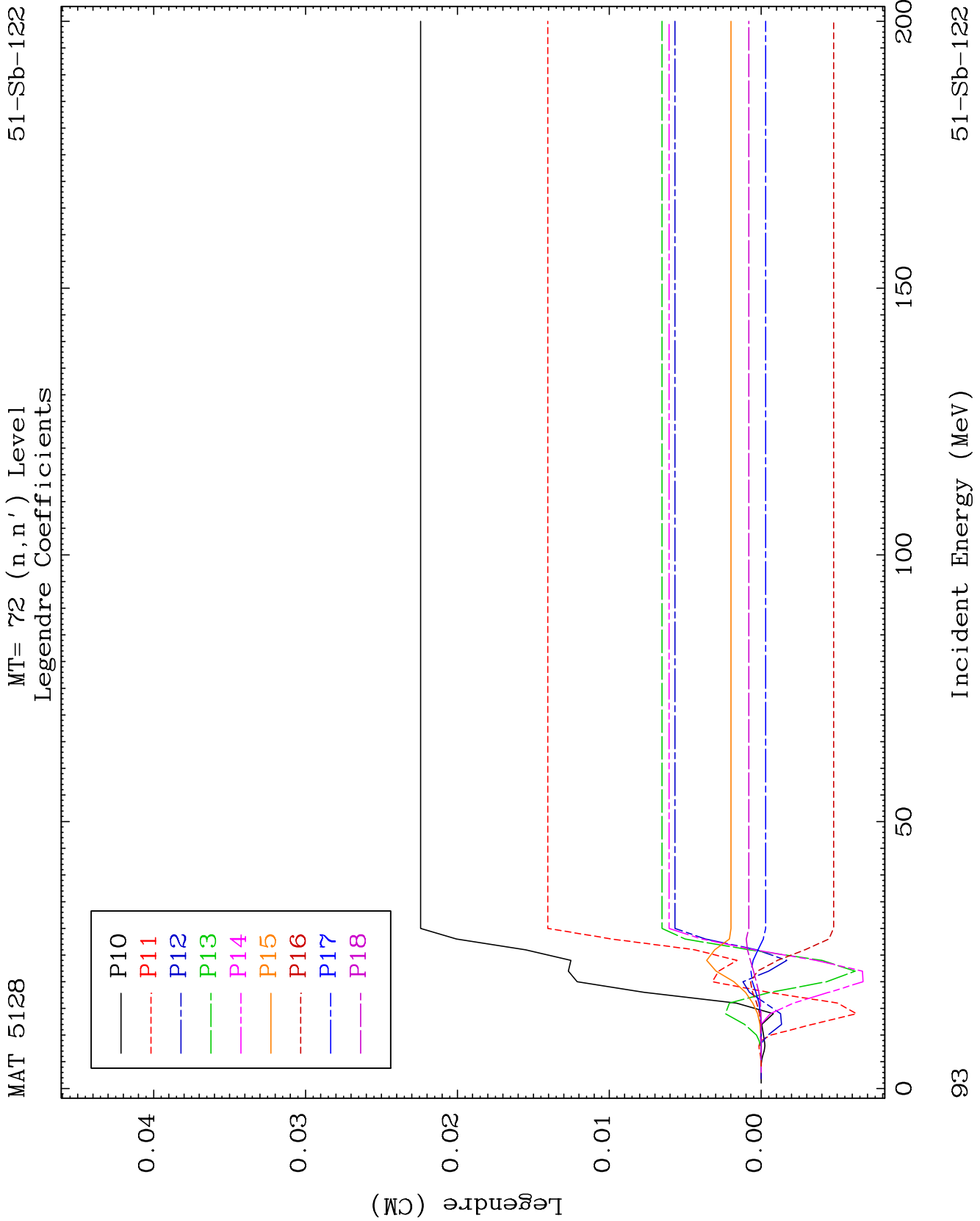


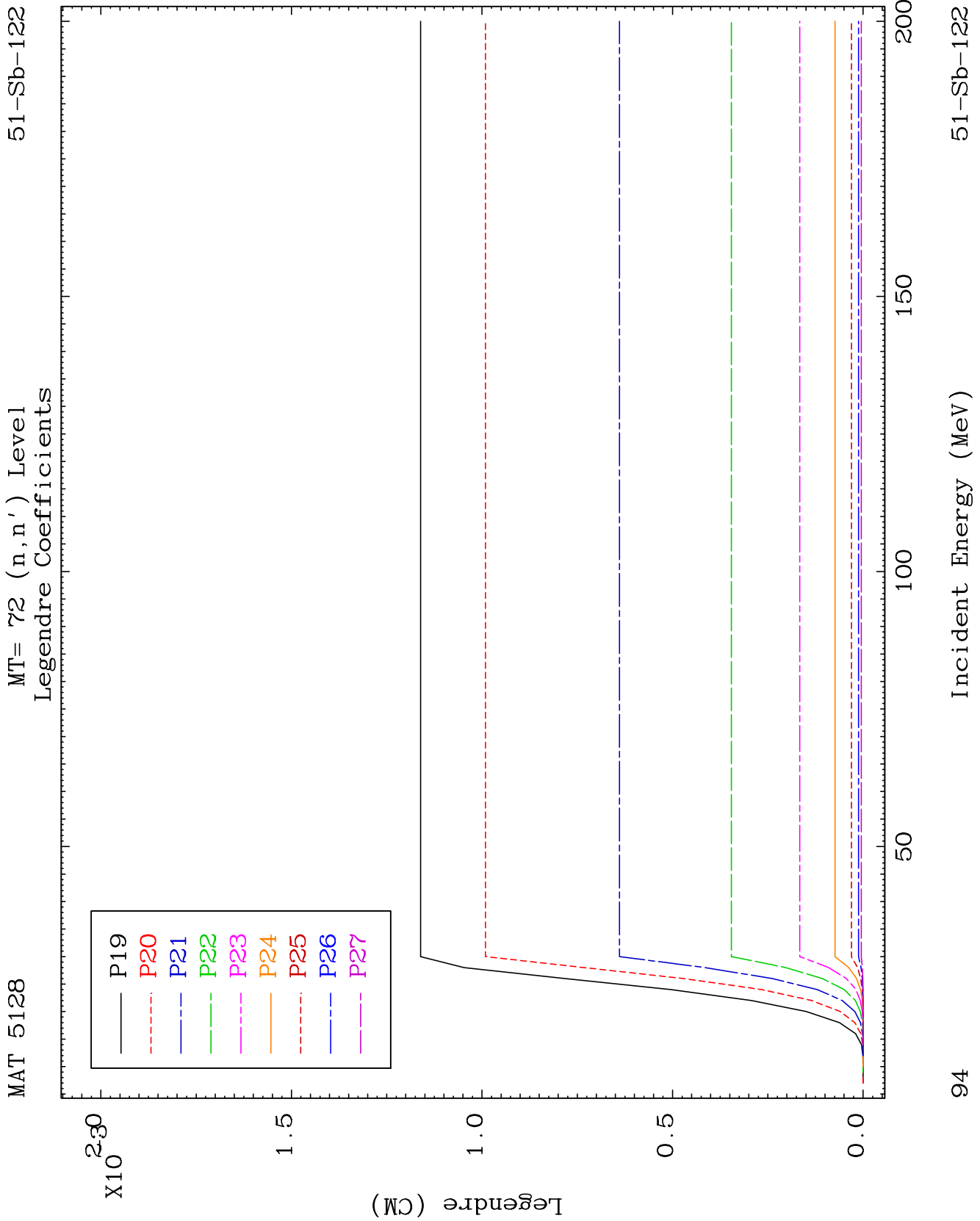


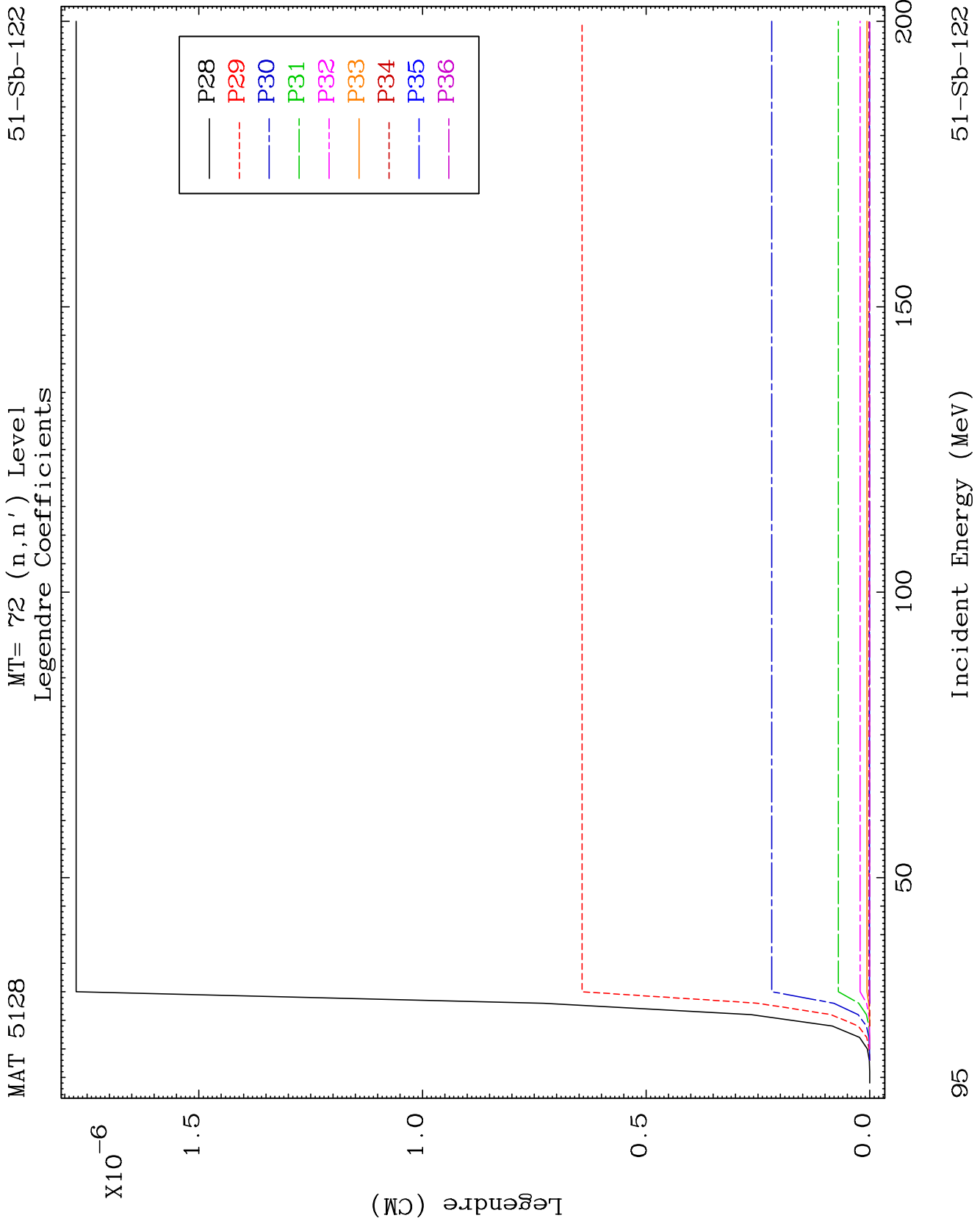


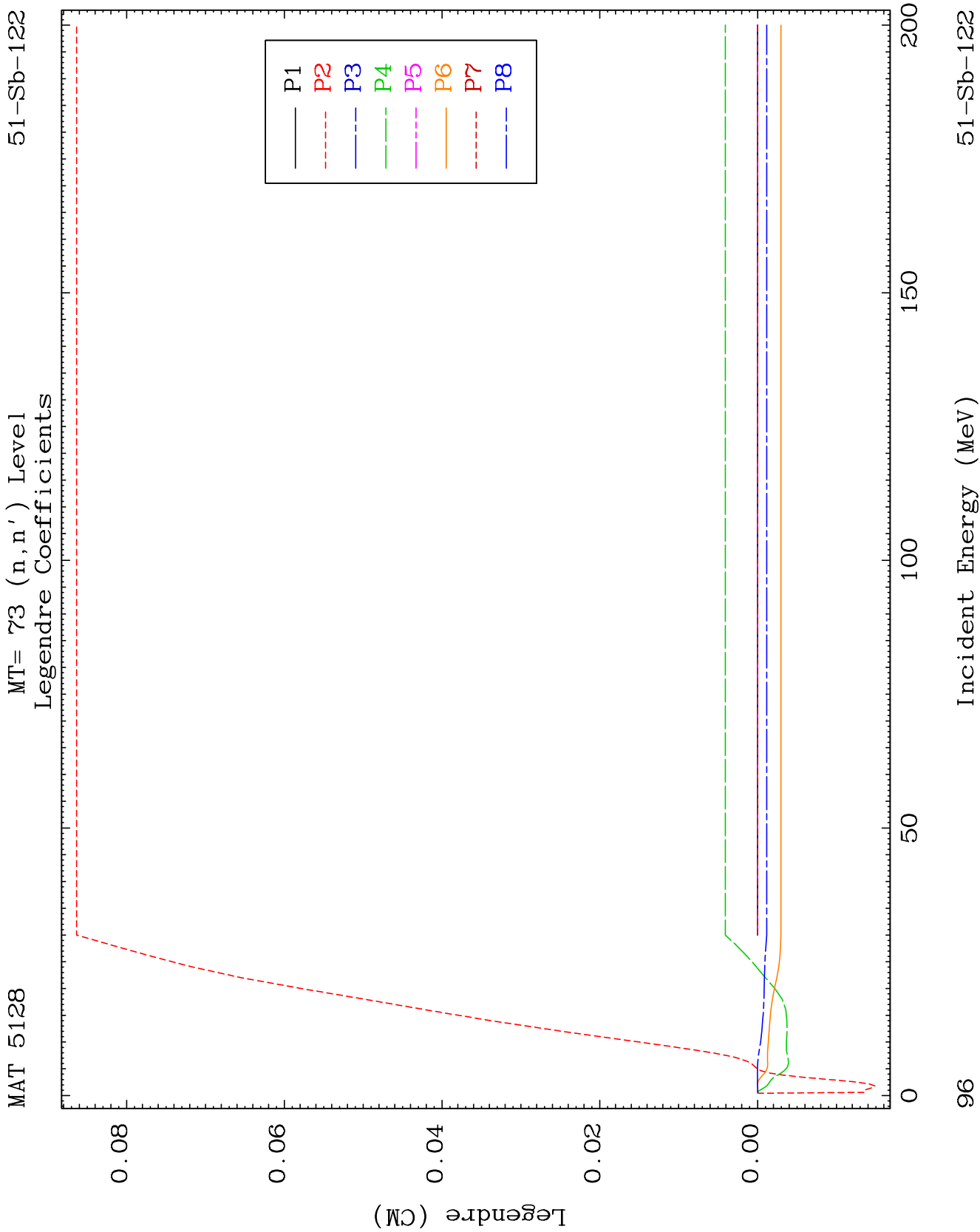








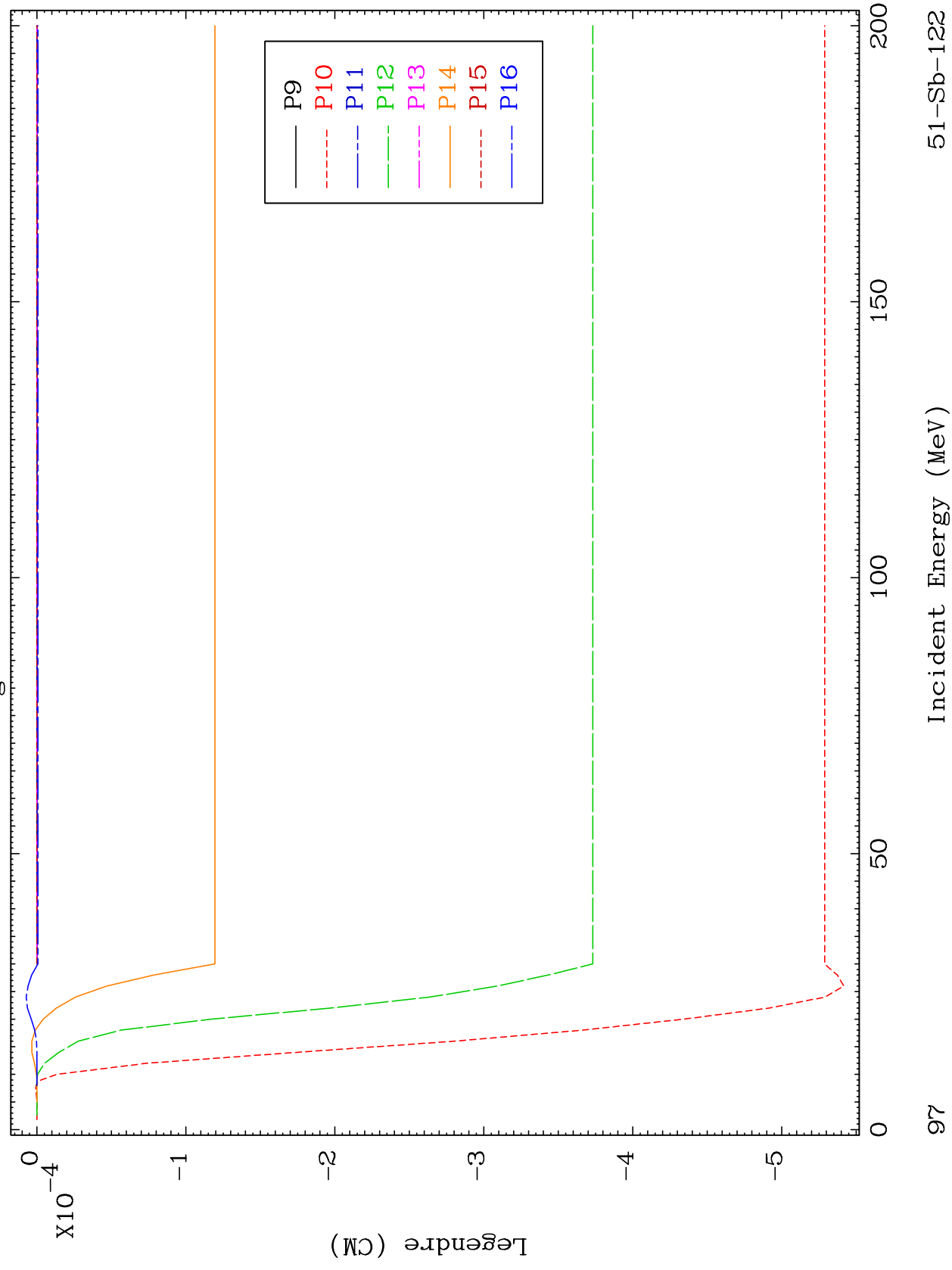


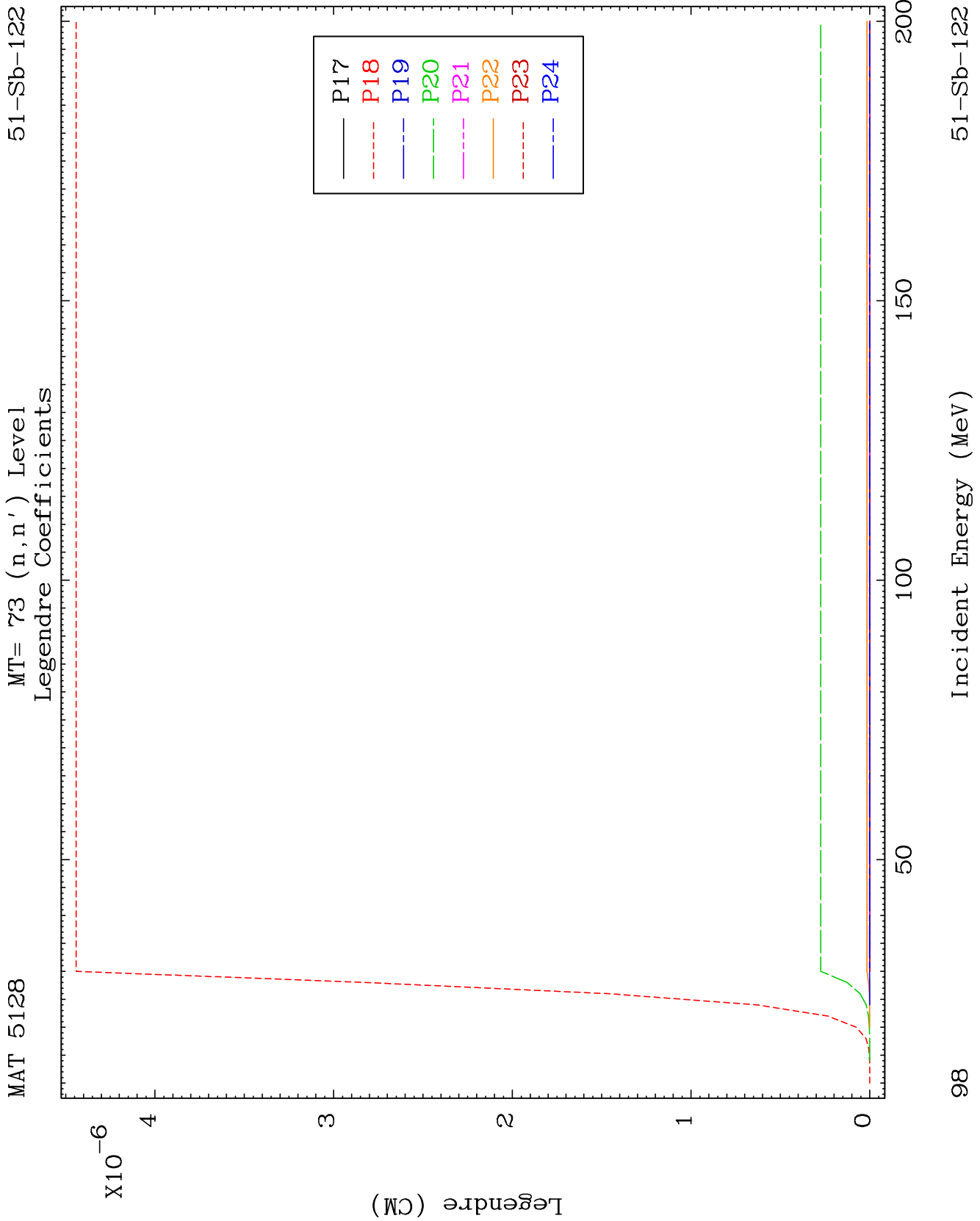


MAT 5128

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

51-Sb-122

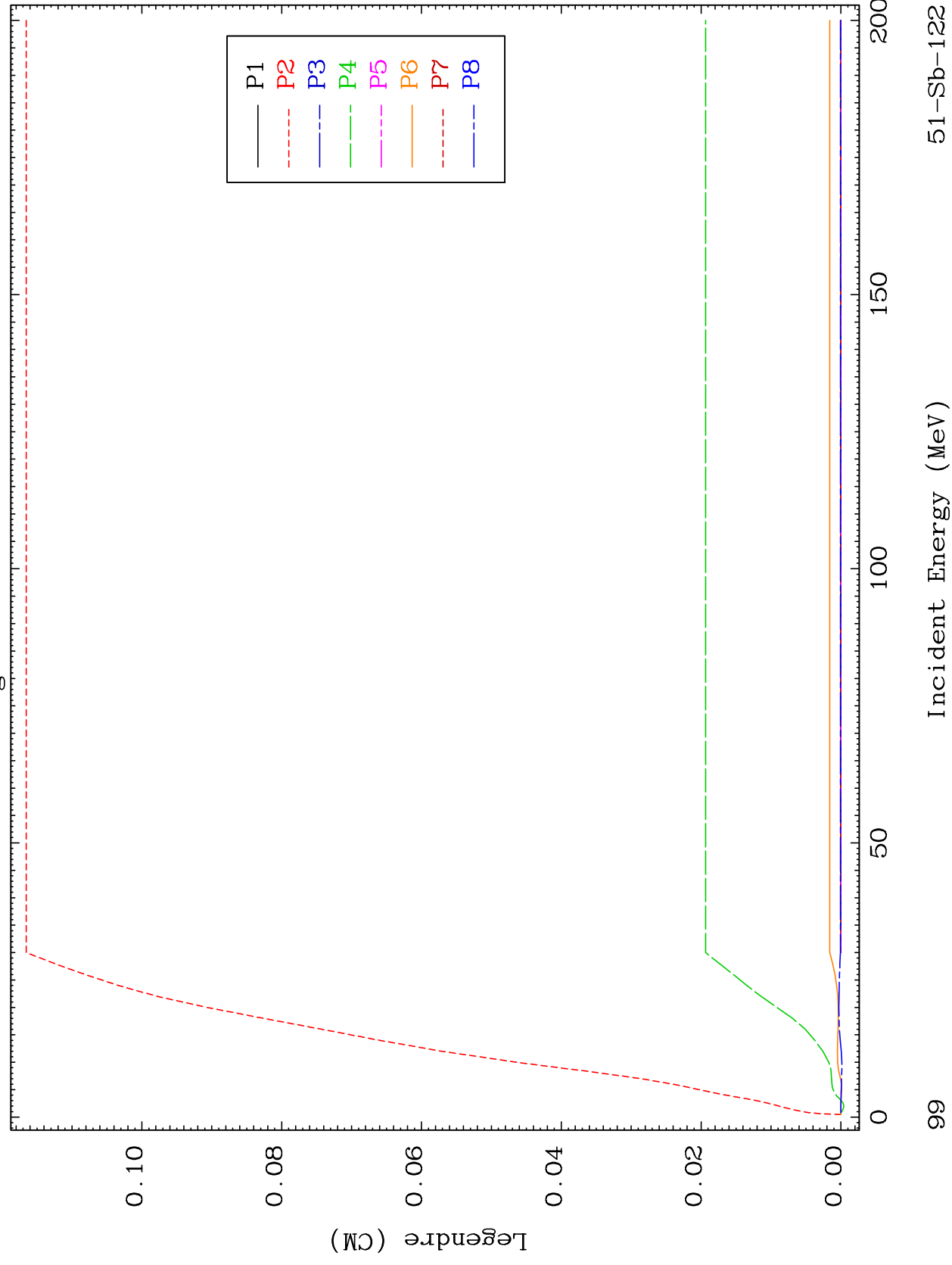


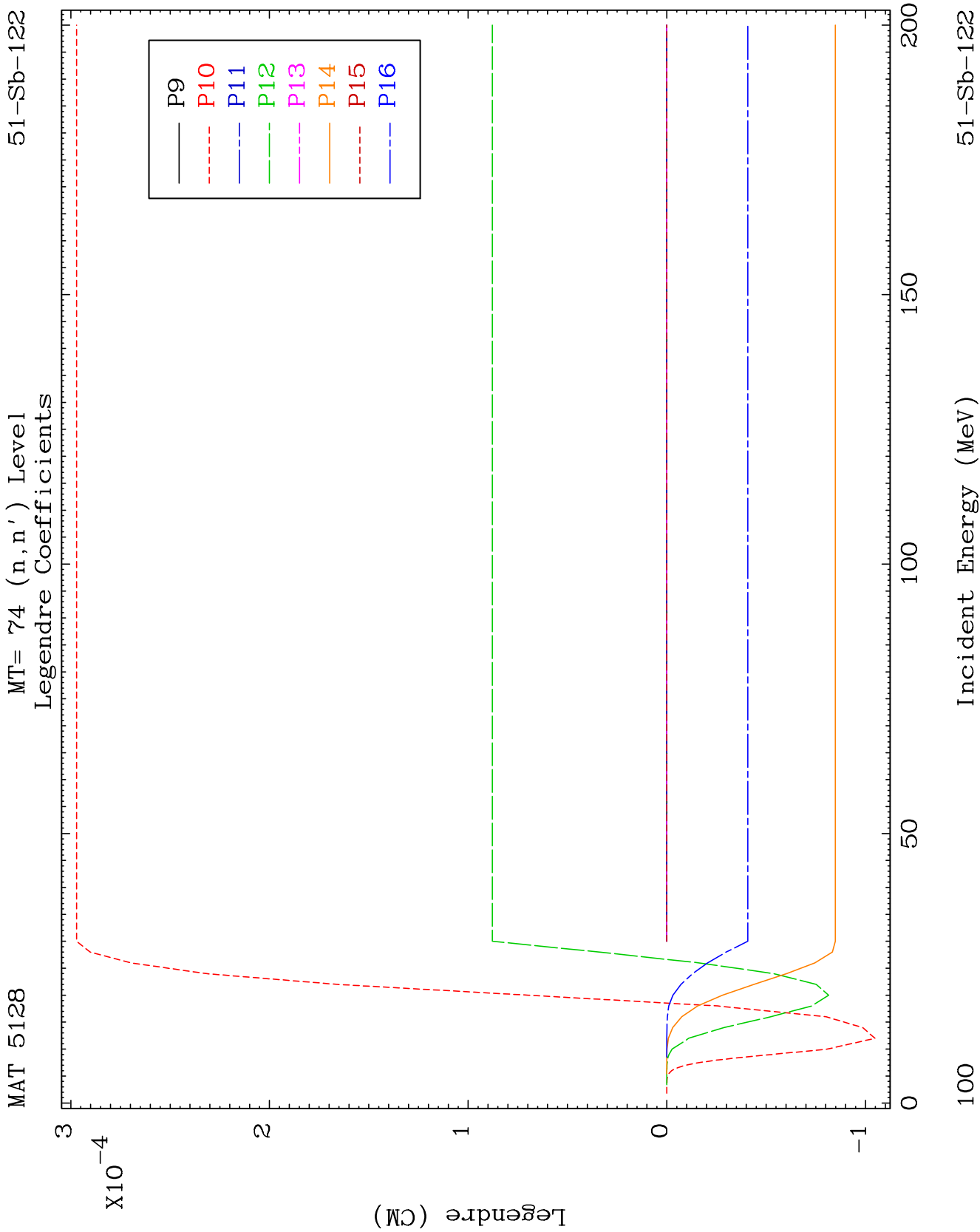


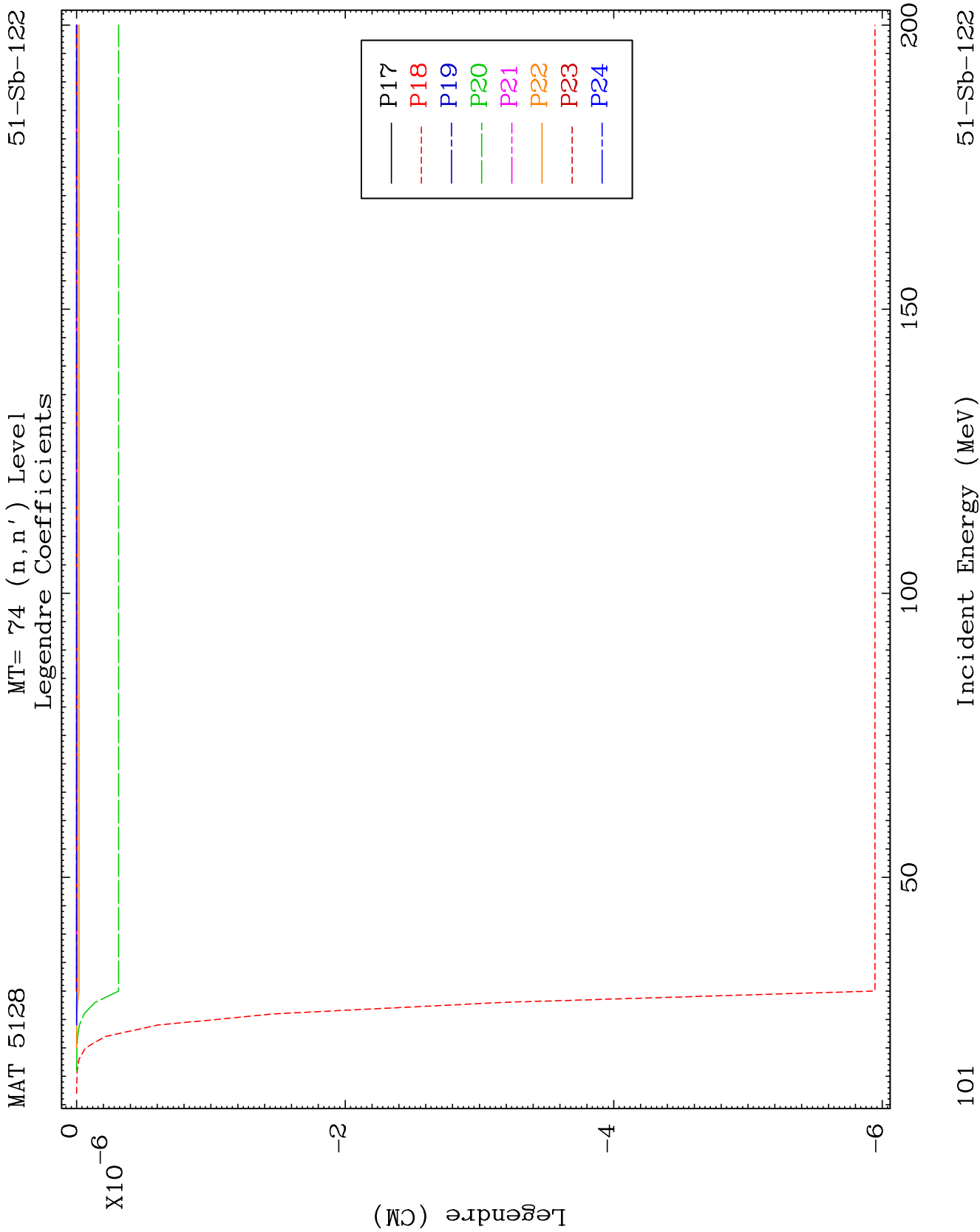
MAT 5128

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

51-Sb-122



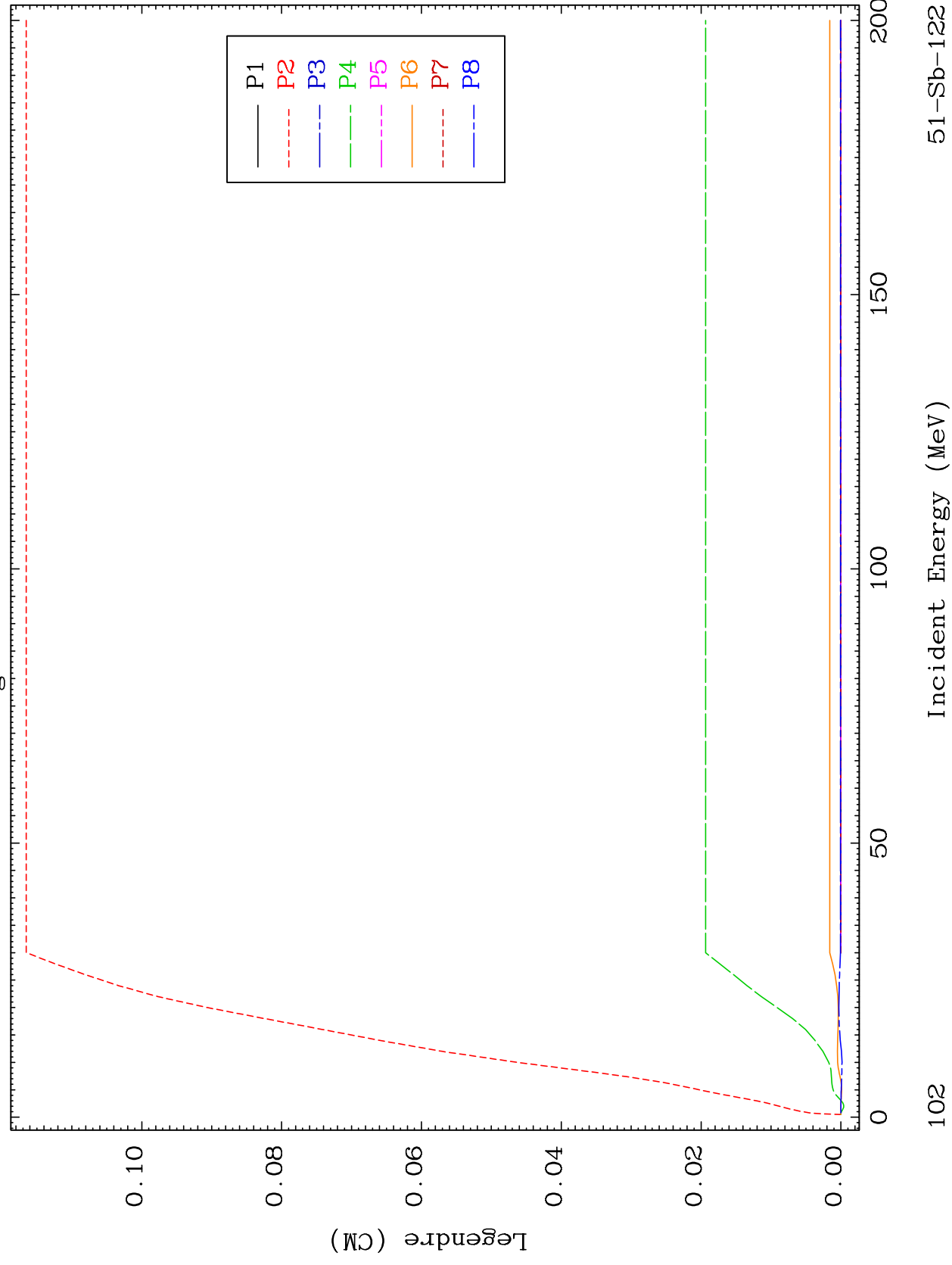


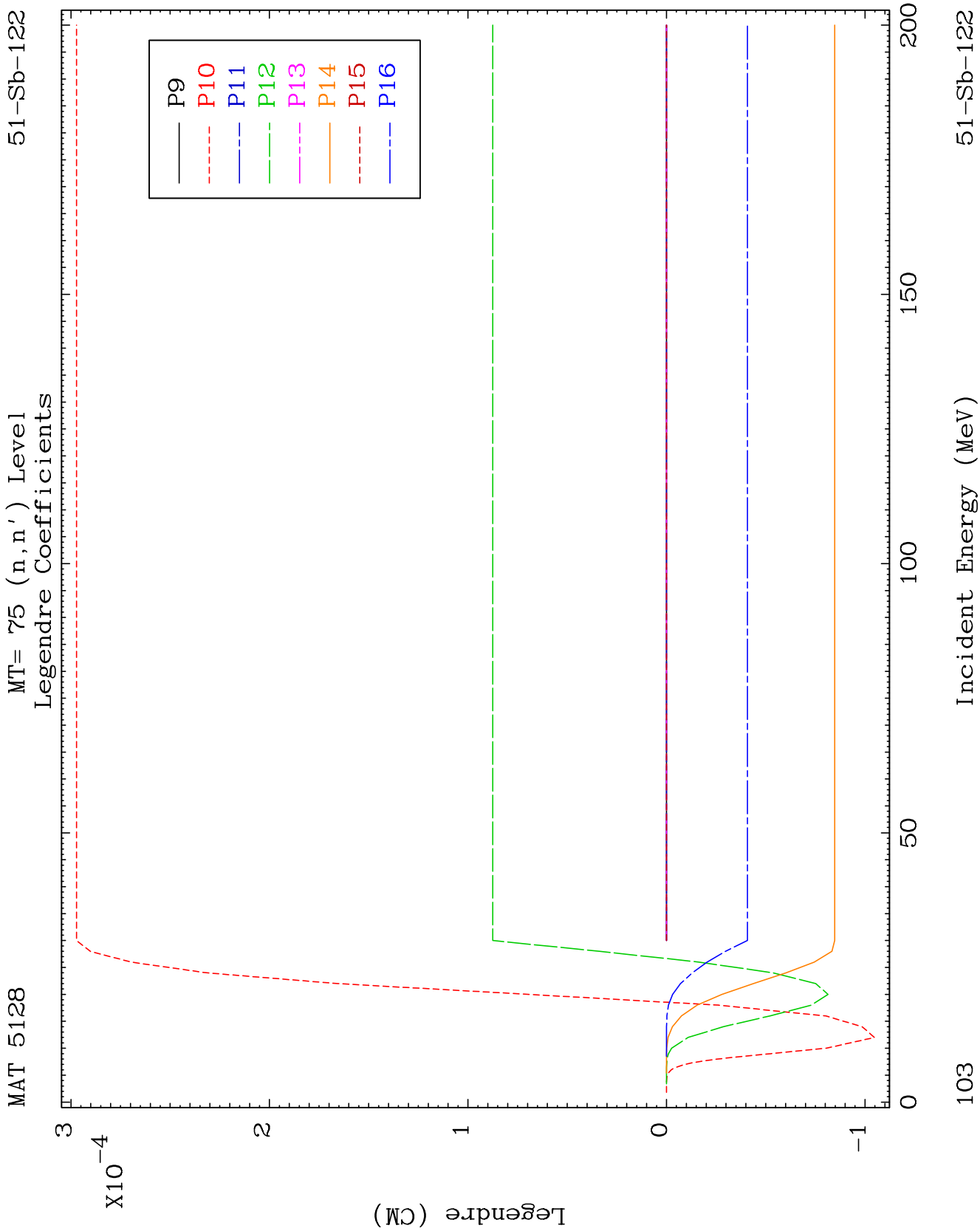


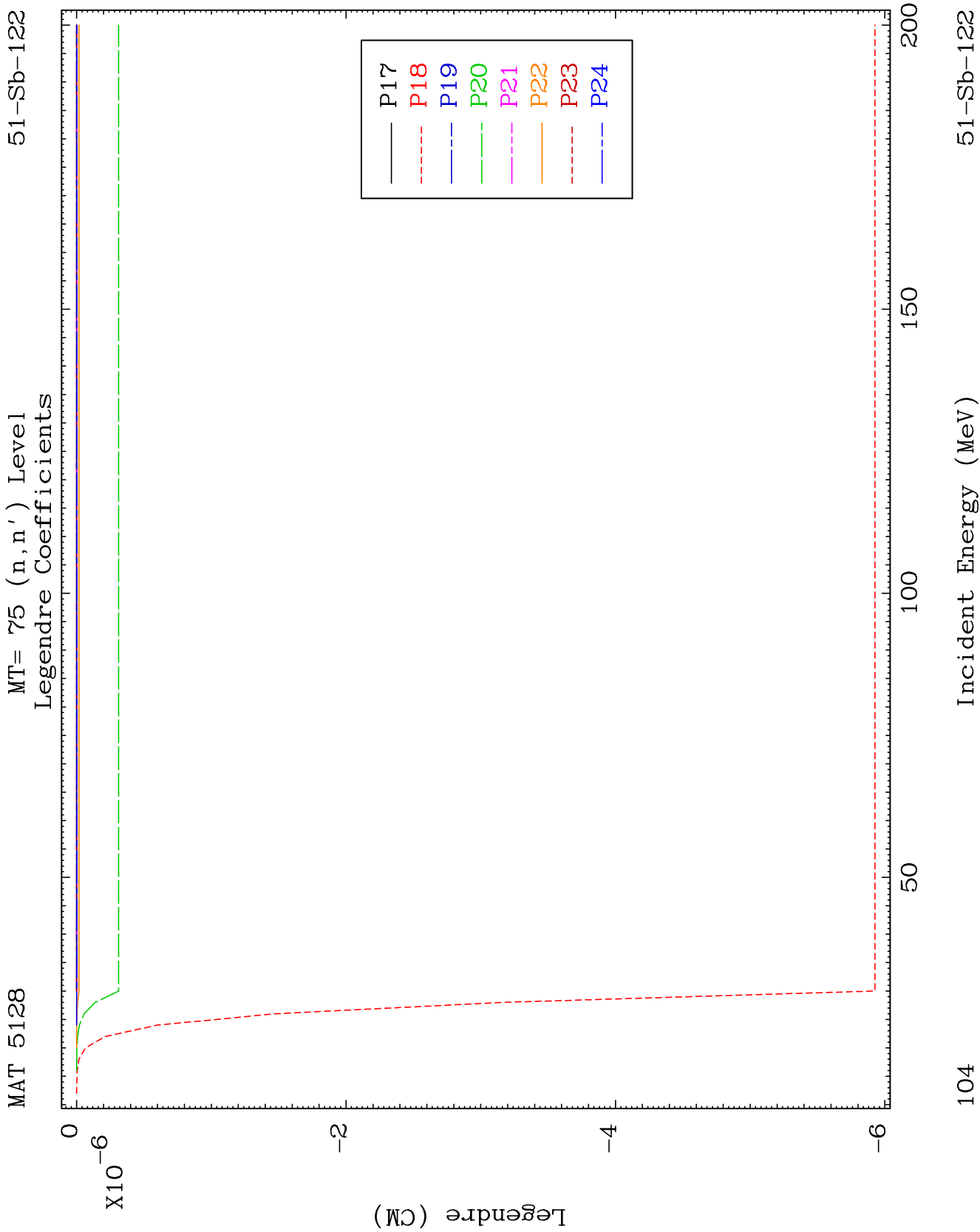
MAT 5128

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

51-Sb-122



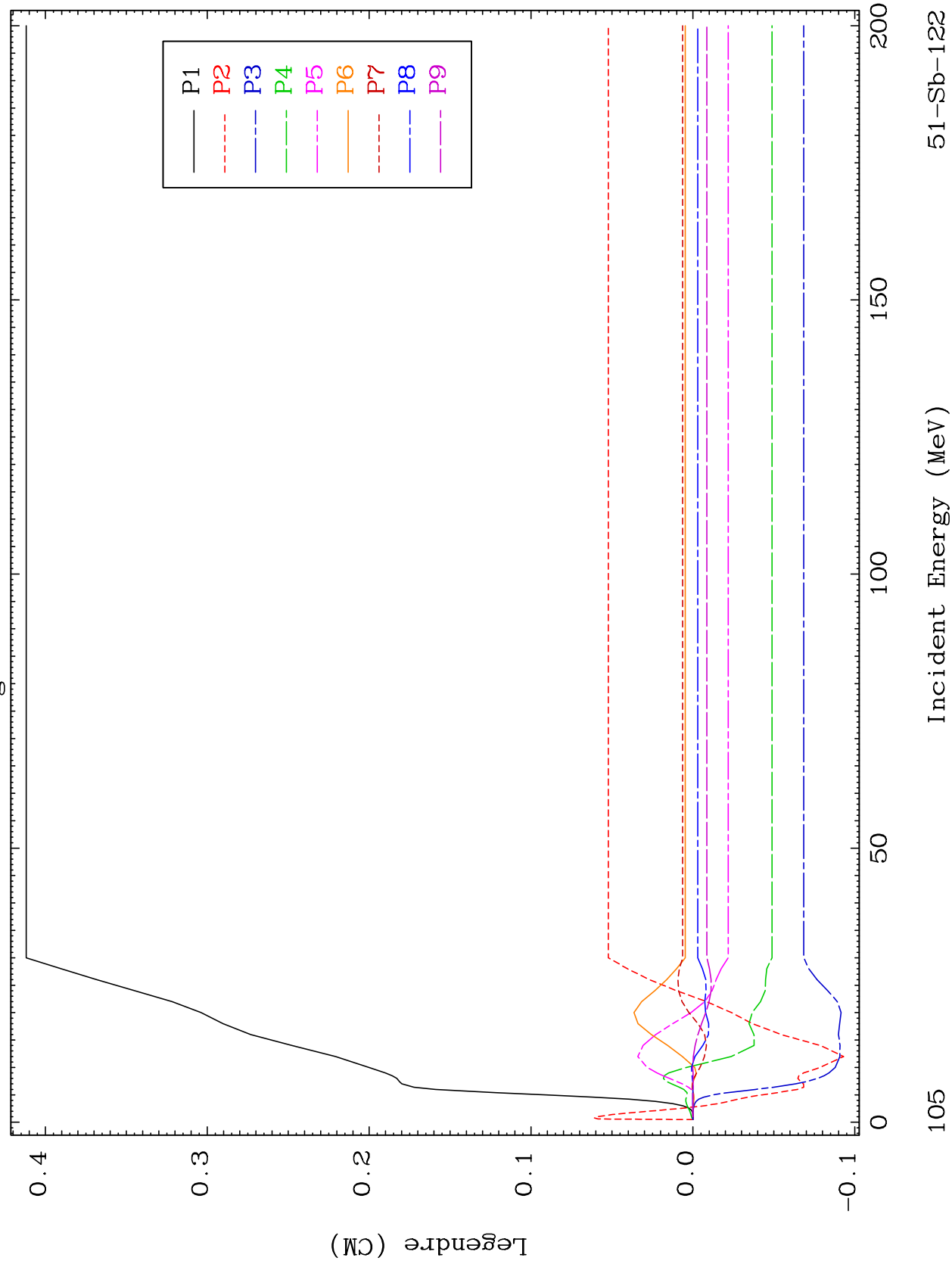


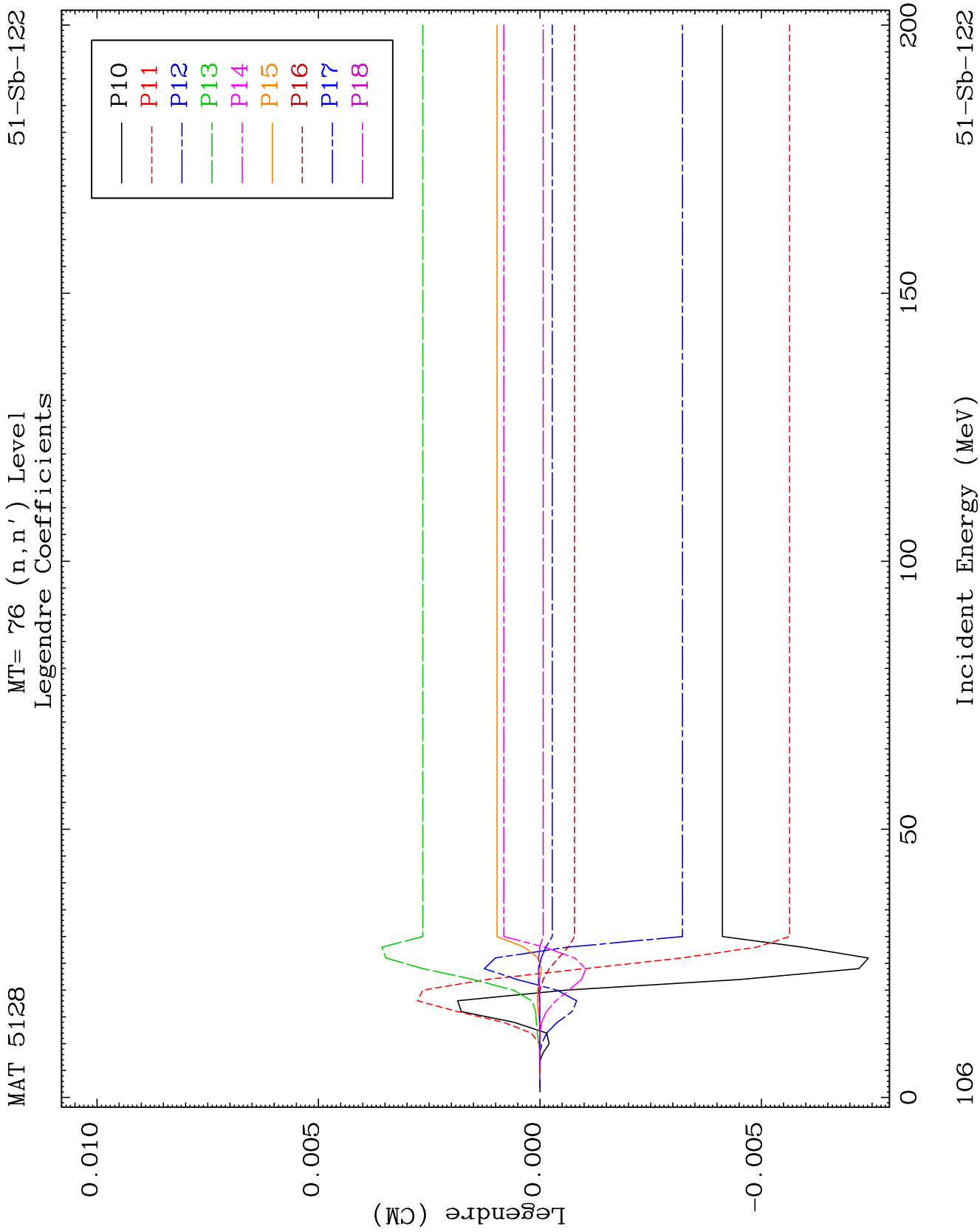


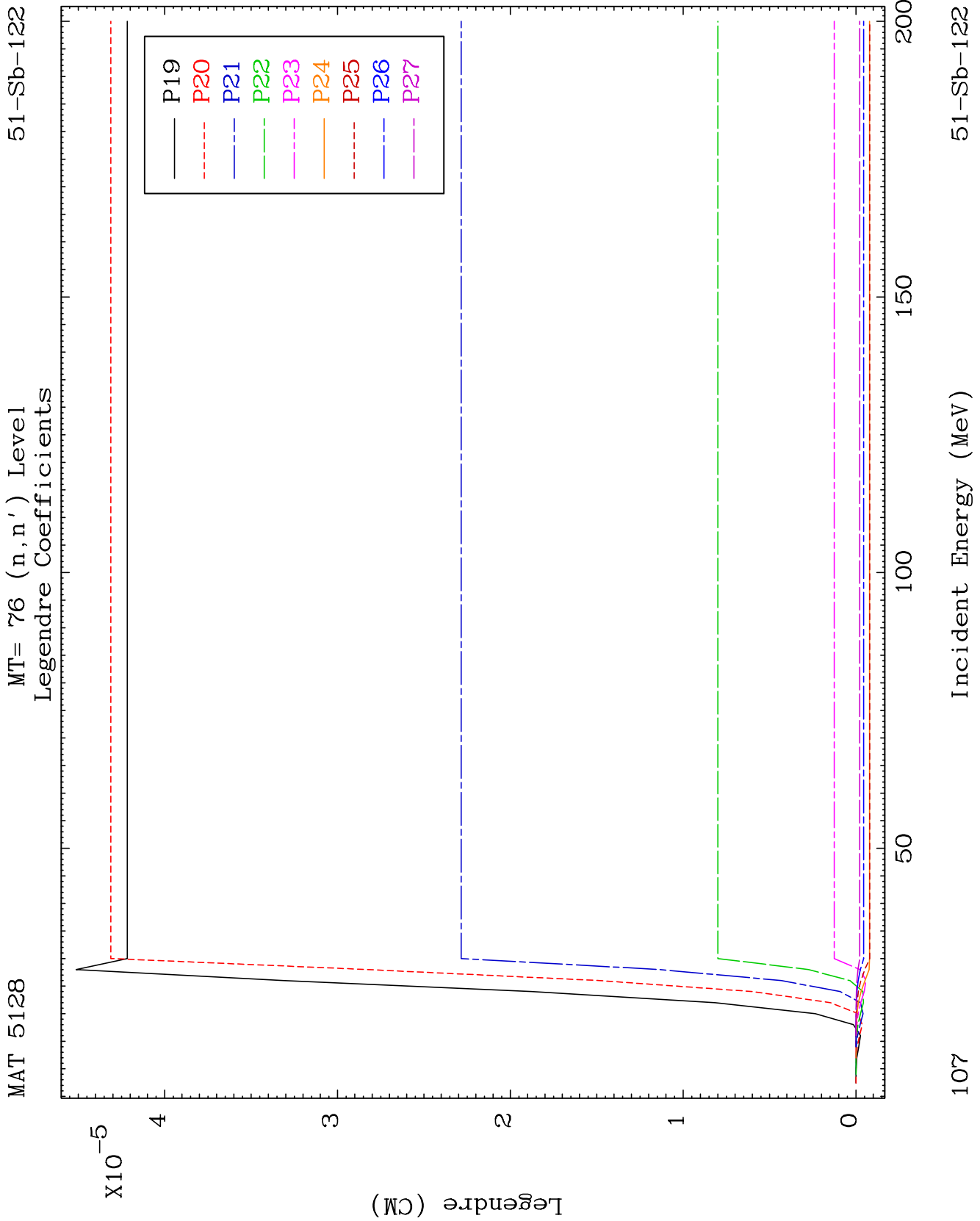
MAT 5128

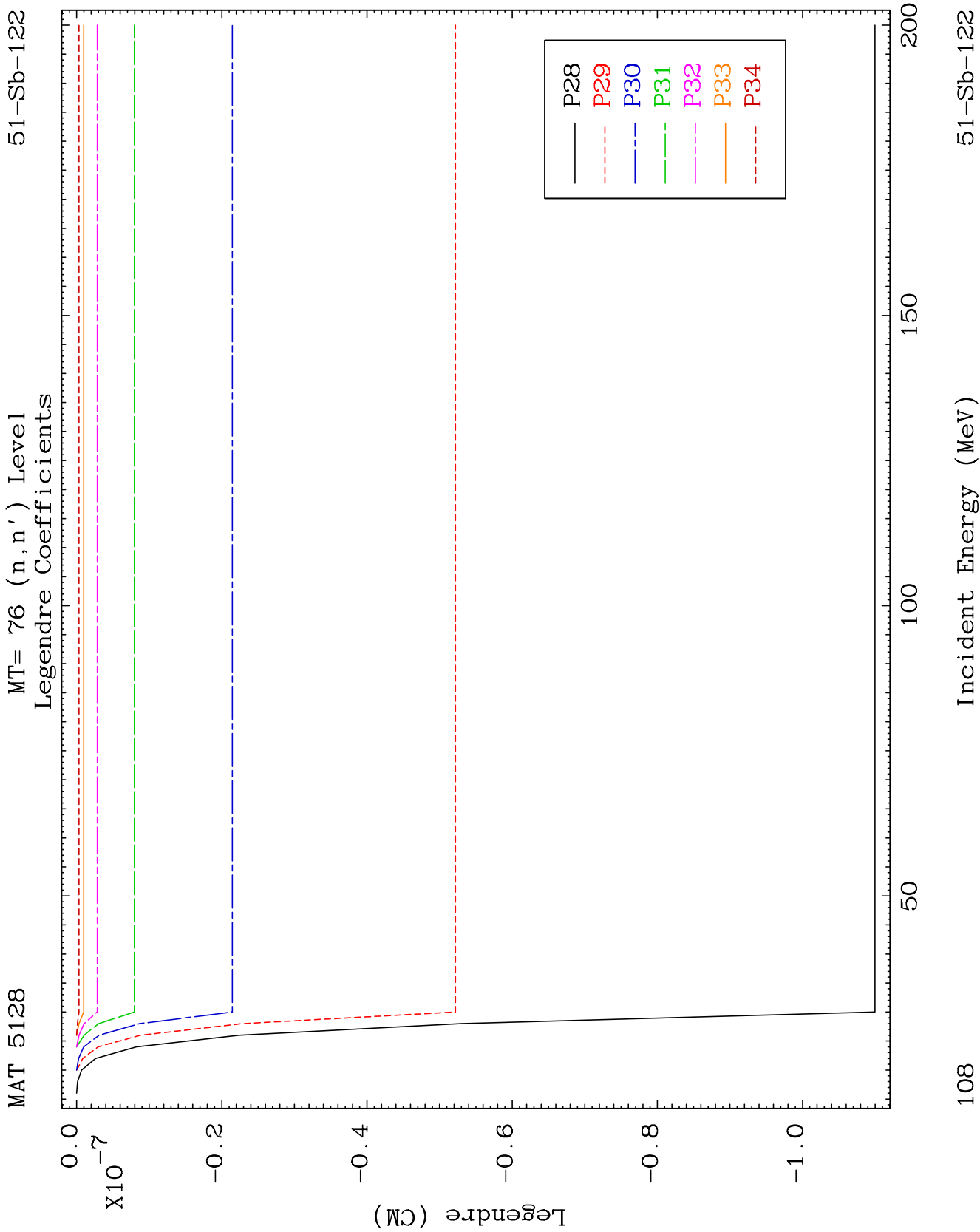
MT= 76 (n, n') Level
Legendre Coefficients

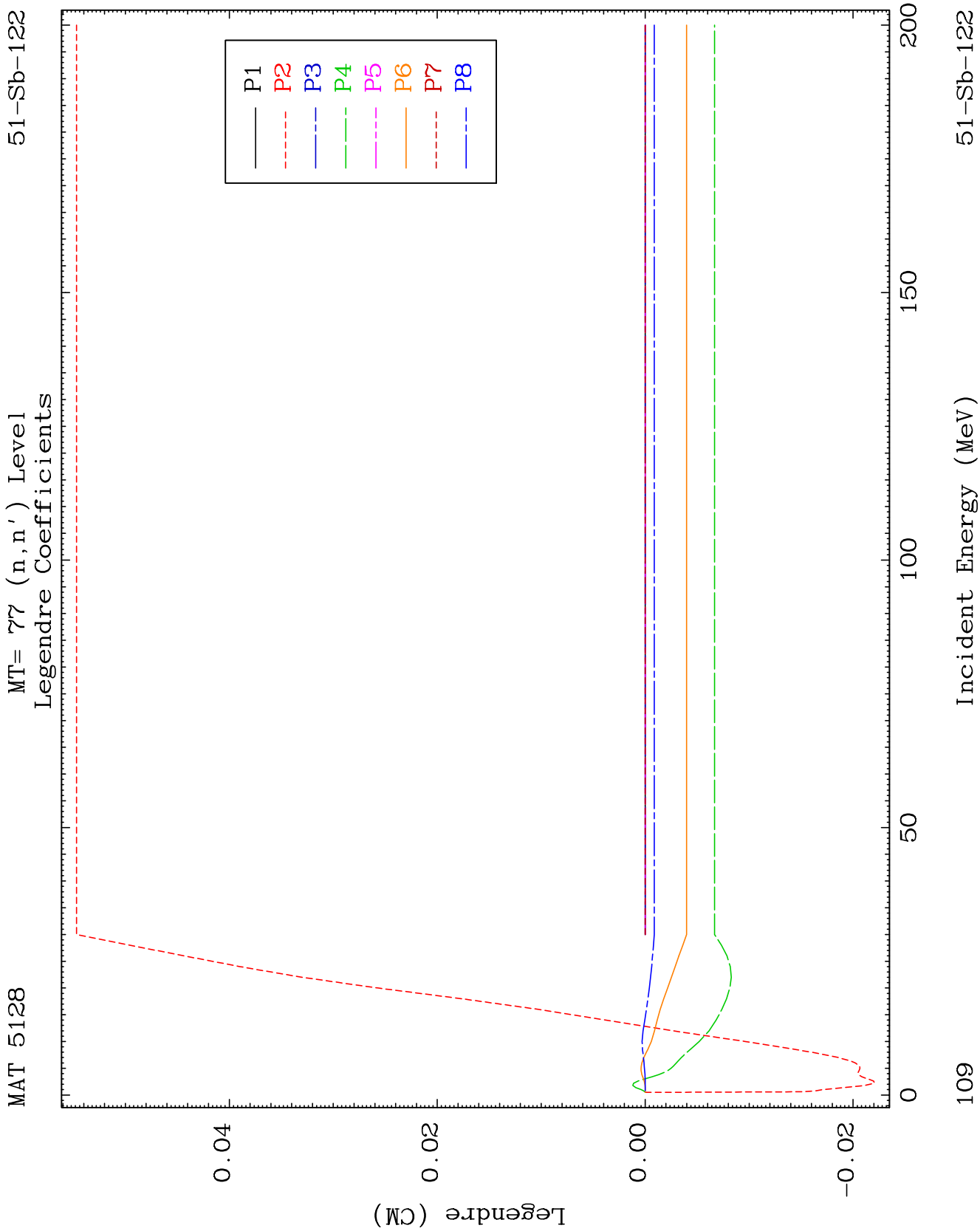
51-Sb-122







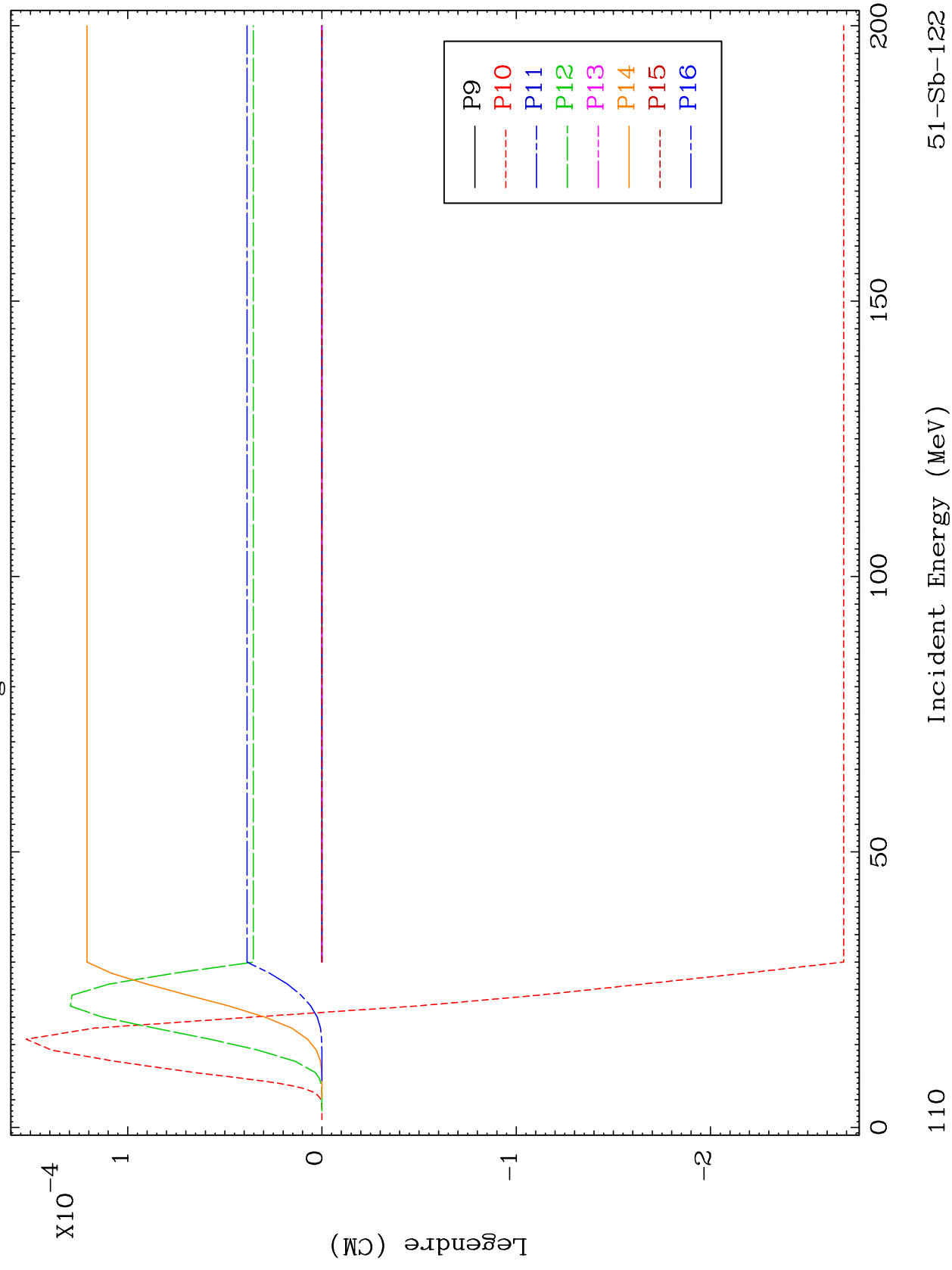


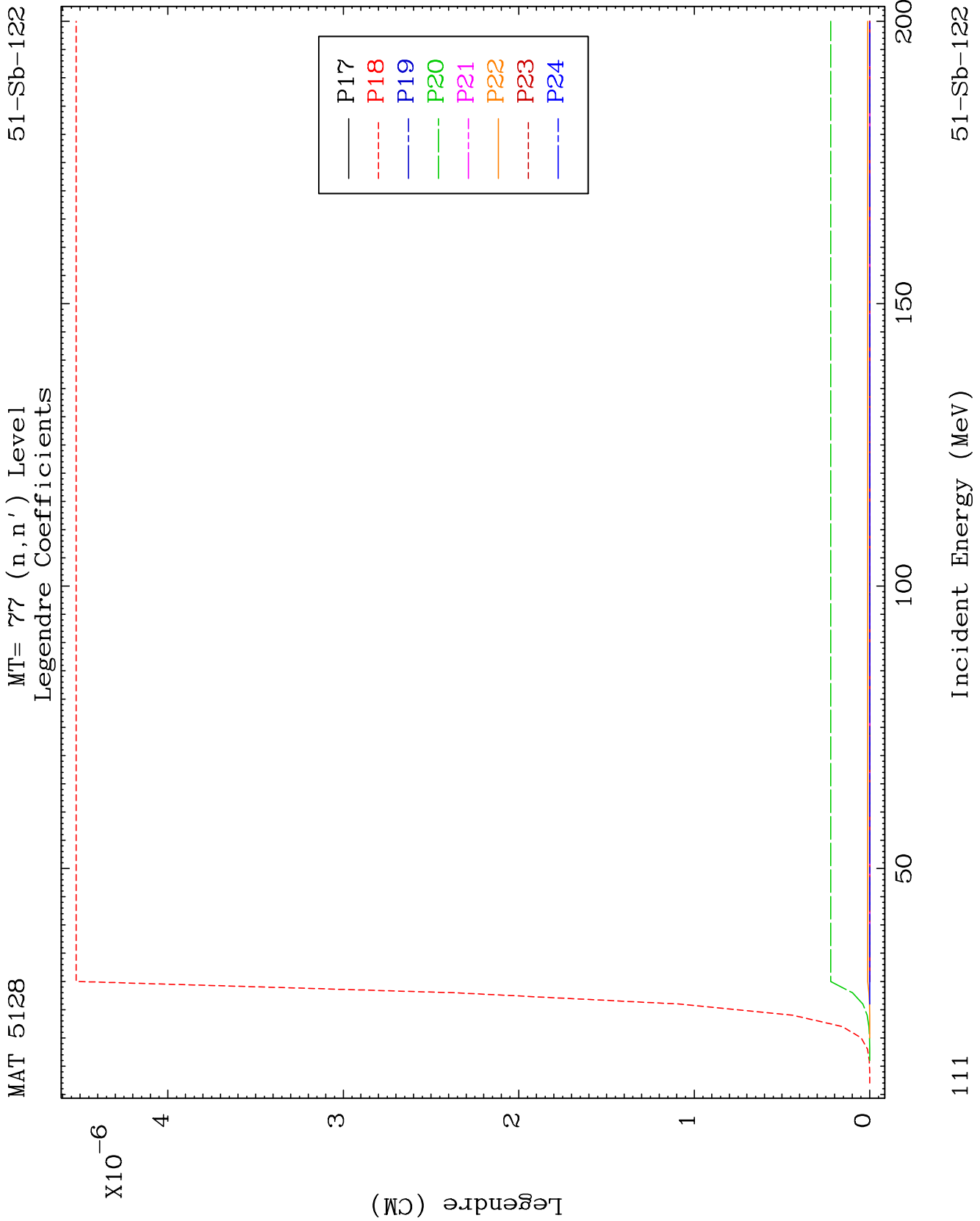


MAT 5128

MT= 77 (n, n') Level
Legendre Coefficients

51-Sb-122

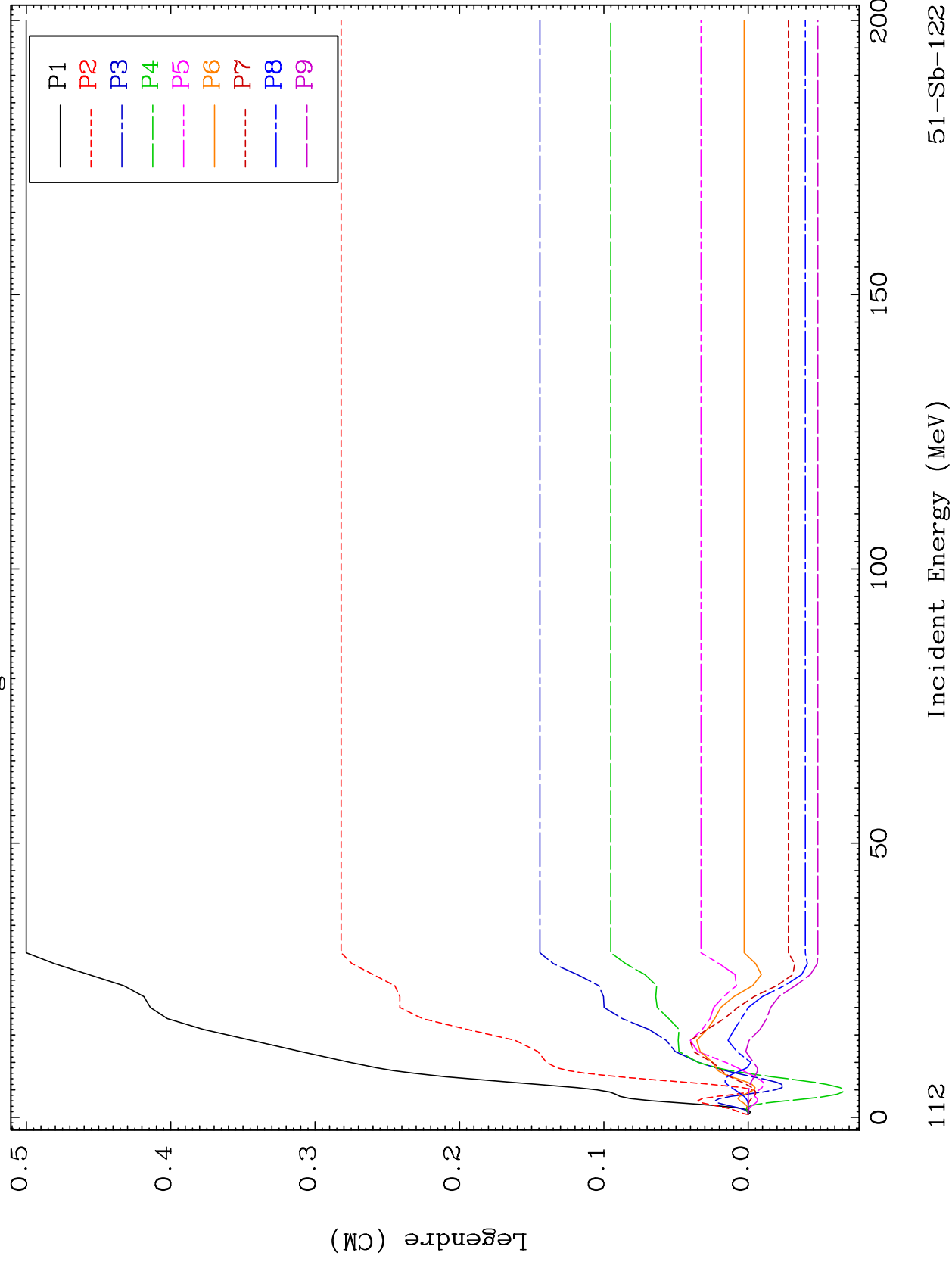




MAT 5128

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

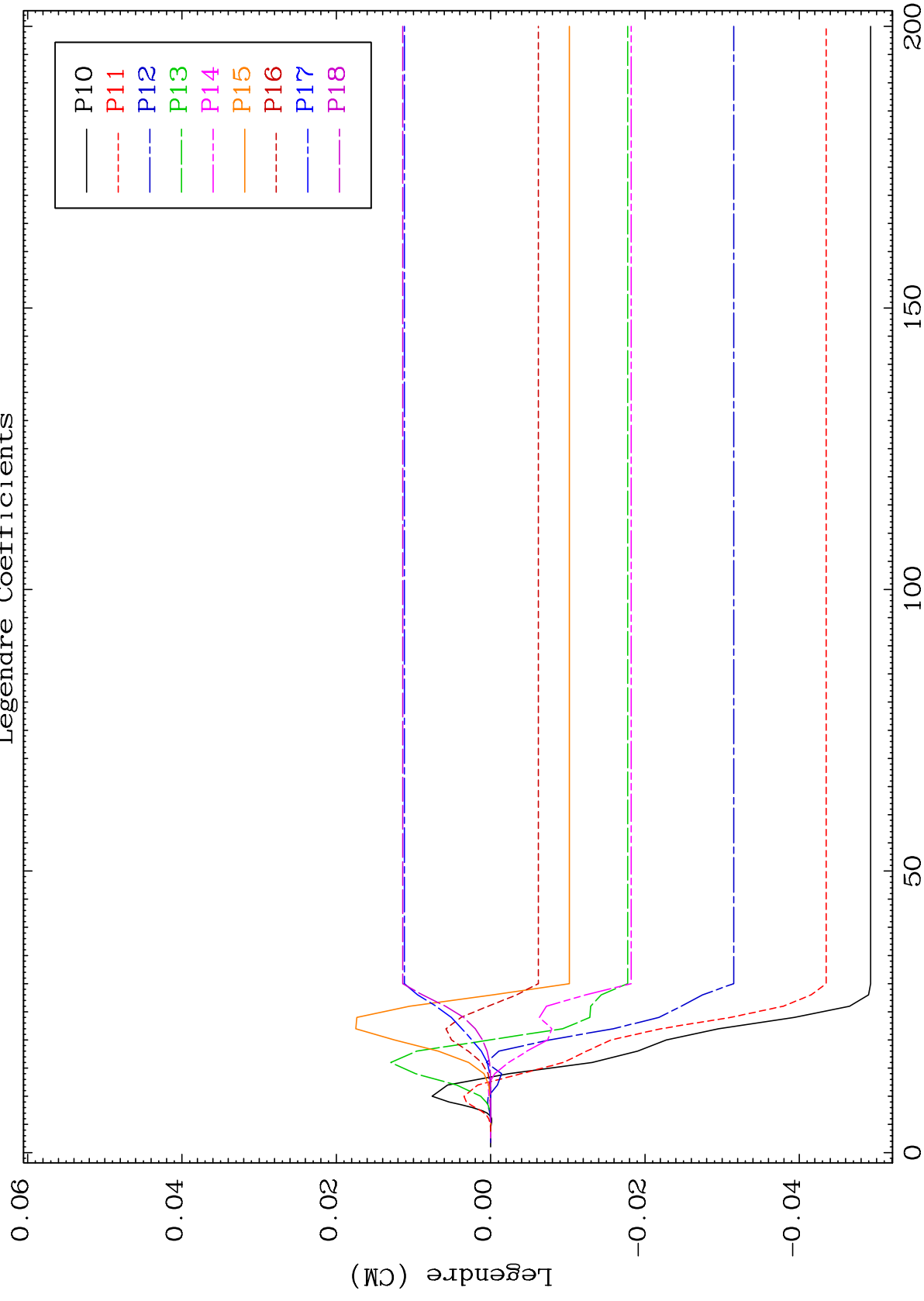
51-Sb-122



MAT 5128

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

51-Sb-122



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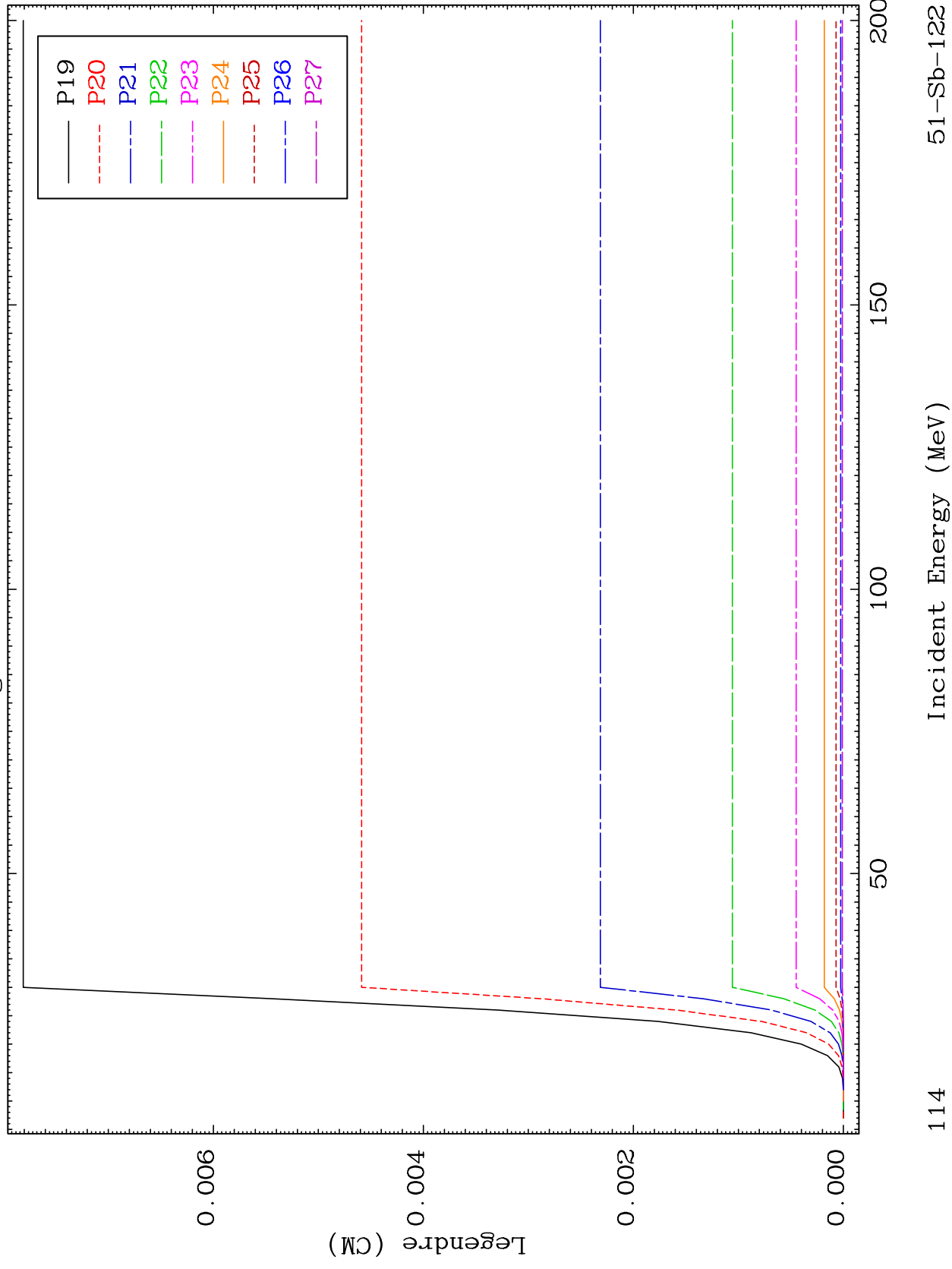
Incident Energy (MeV)

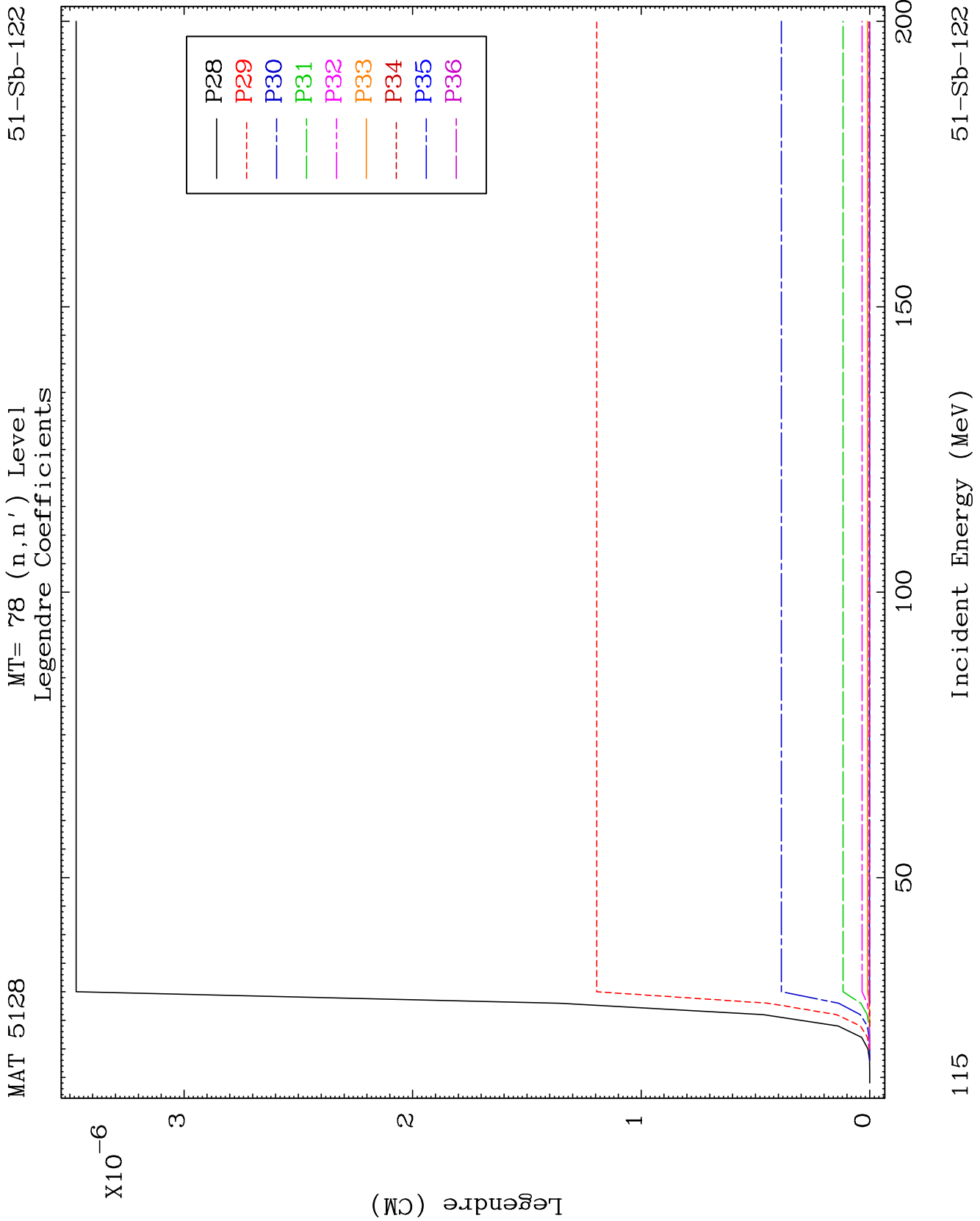
51-Sb-122

MAT 5128

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

51-Sb-122

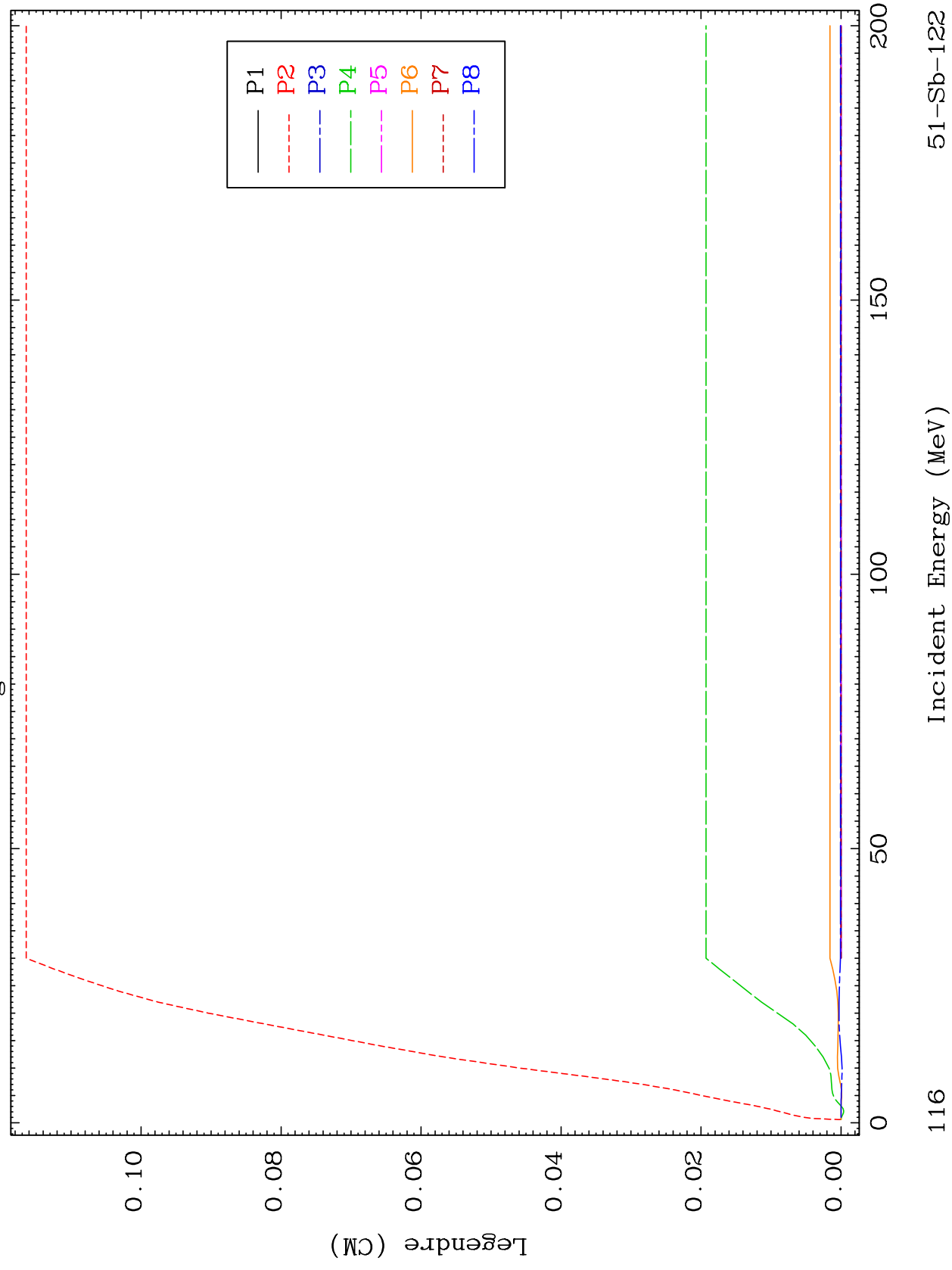


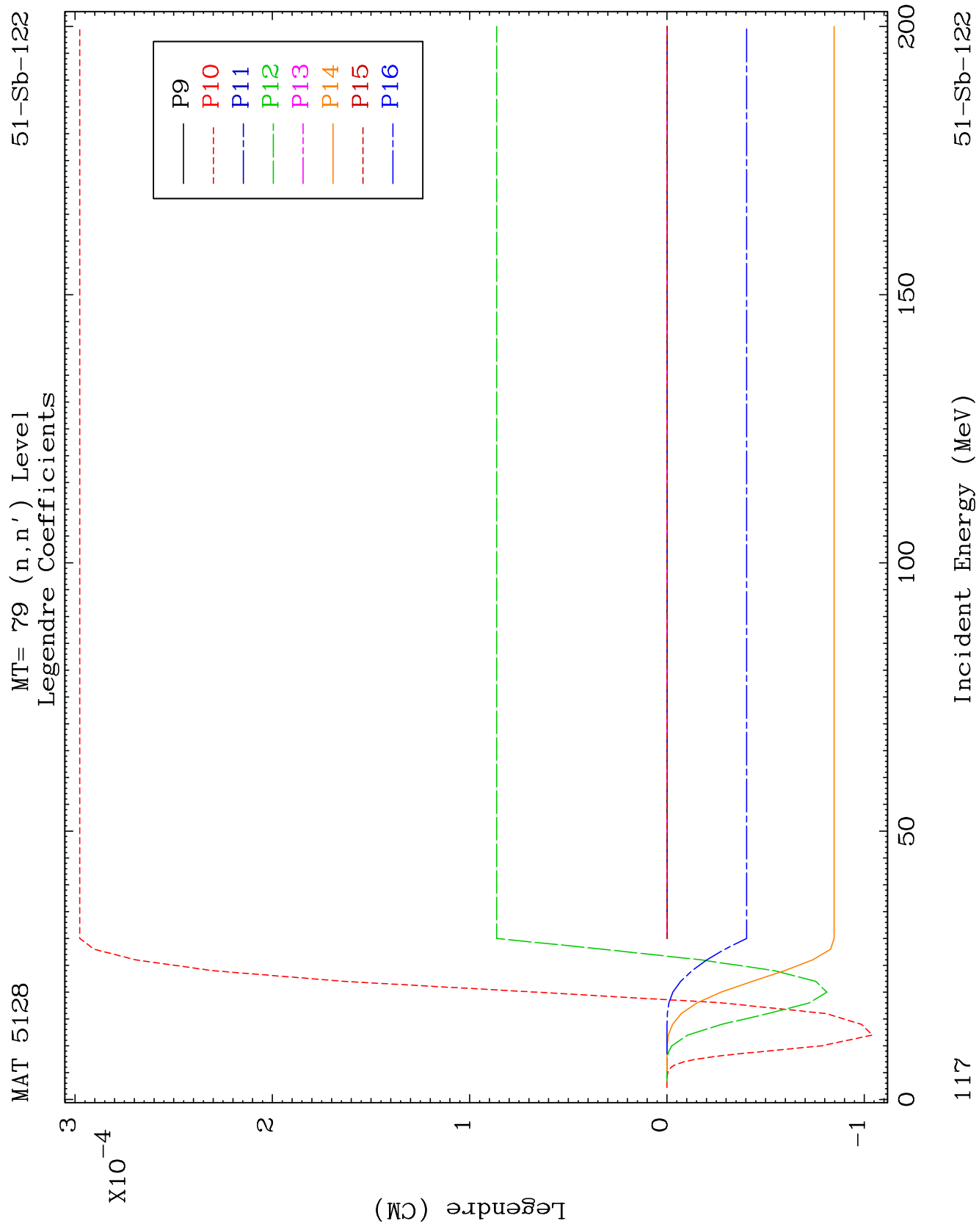


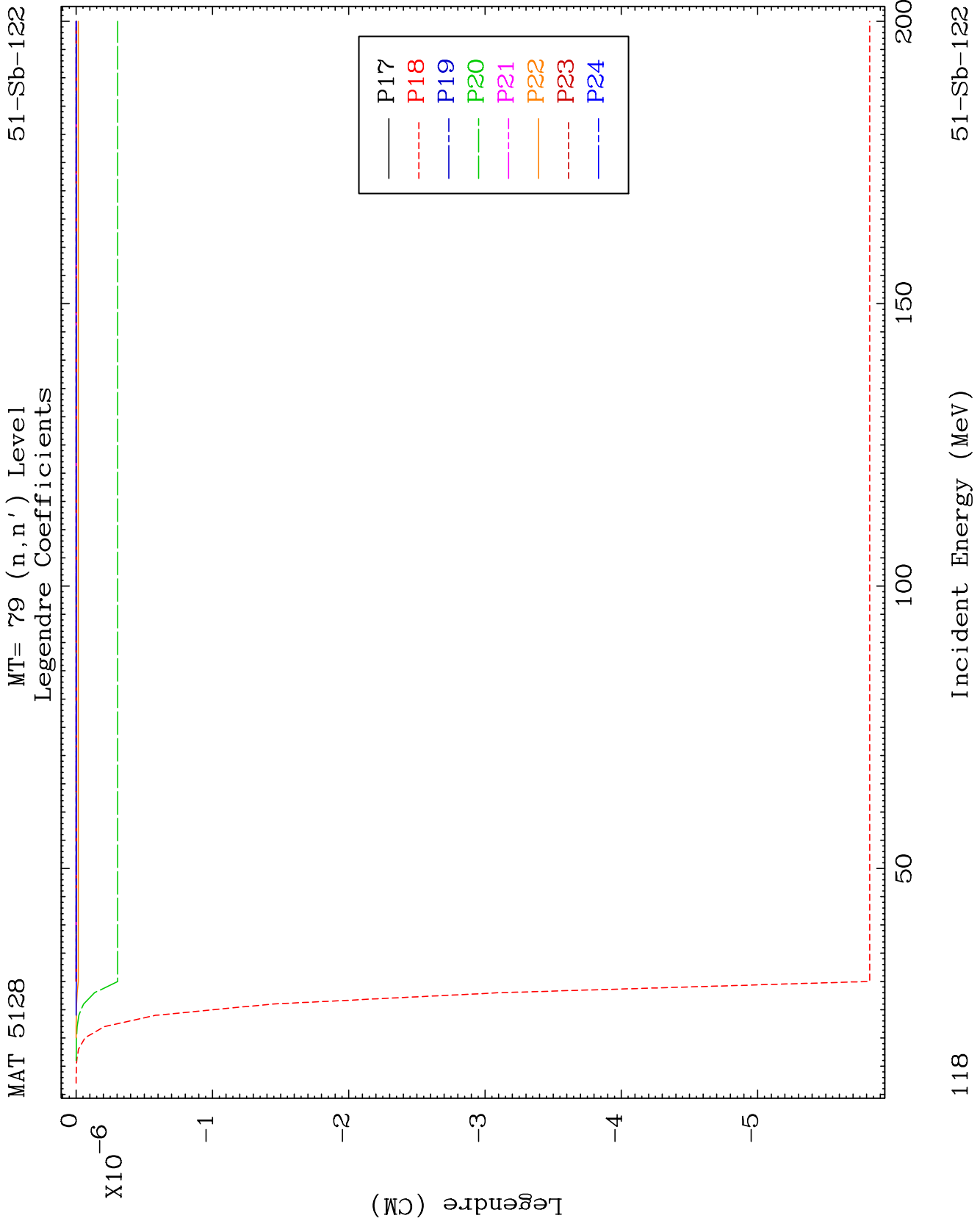
MAT 5128

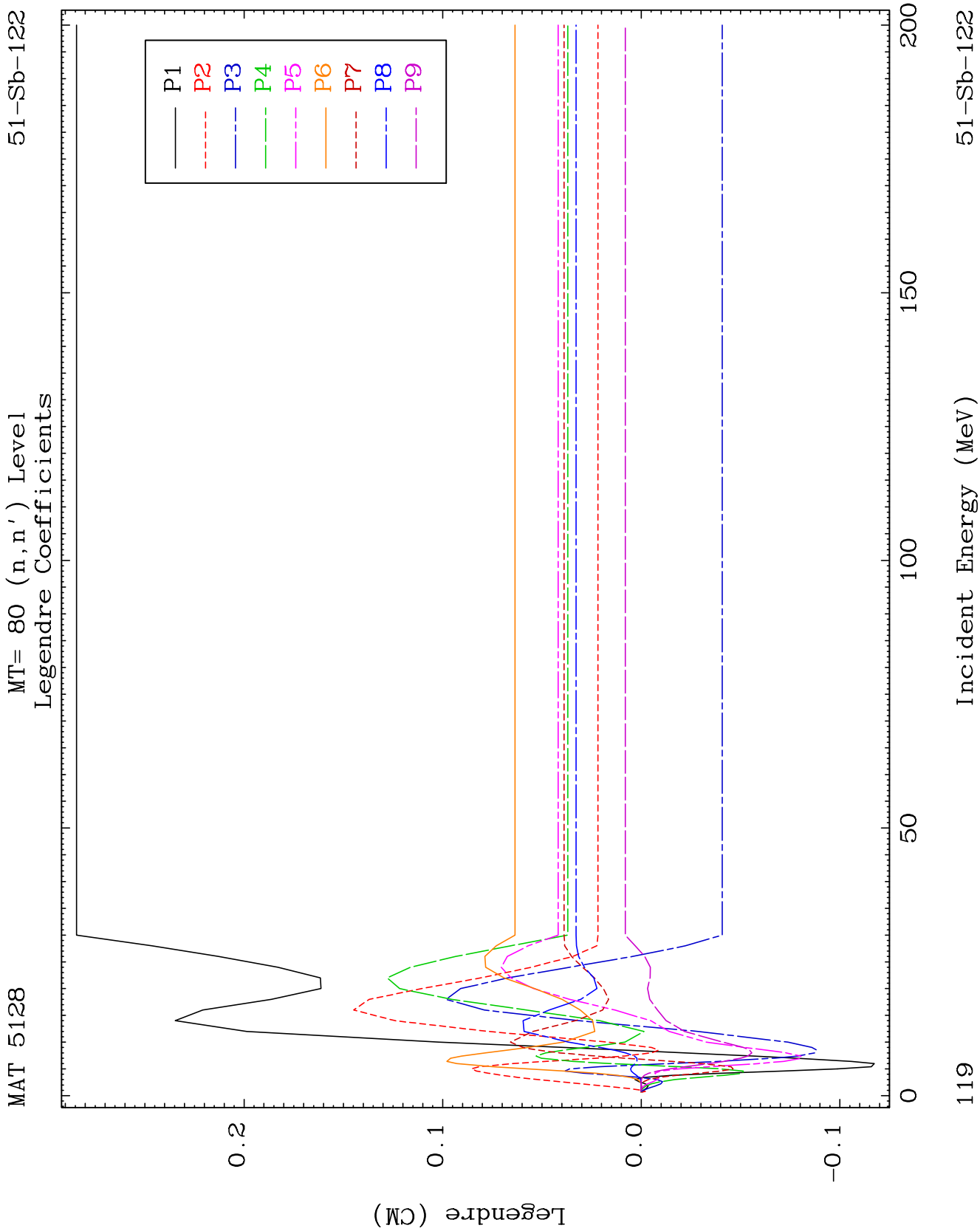
MT= 79 (n, n') Level
Legendre Coefficients

51-Sb-122





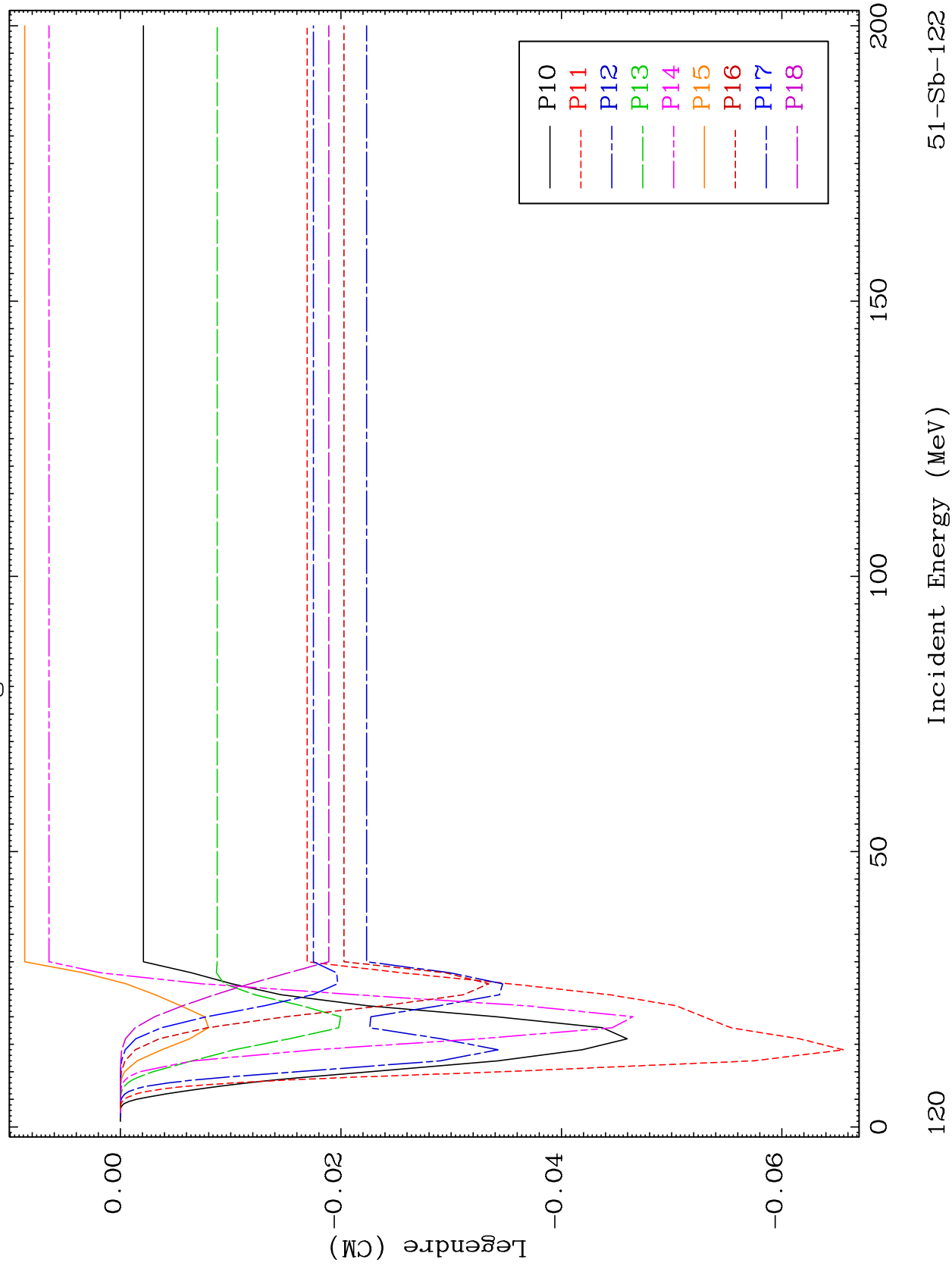


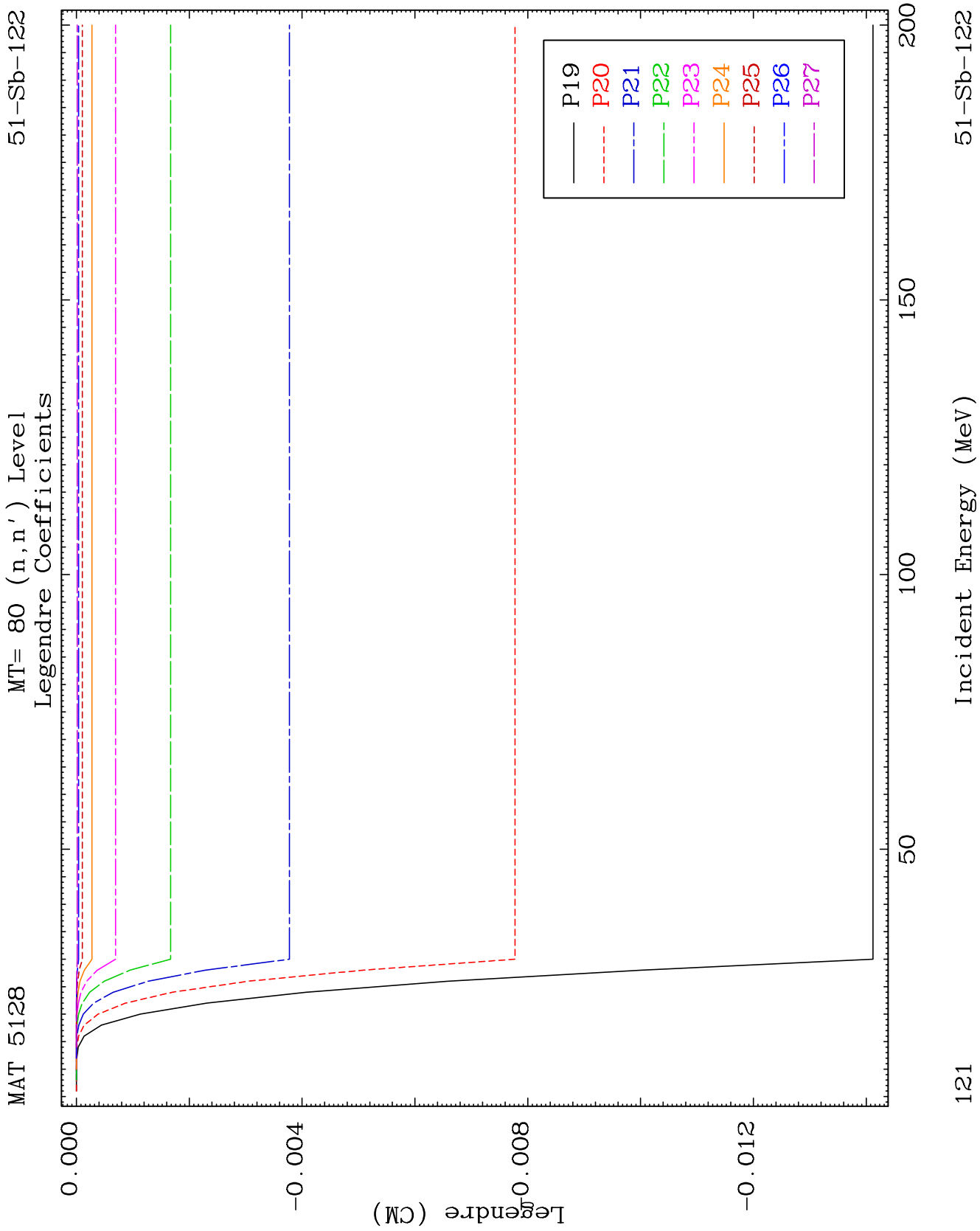


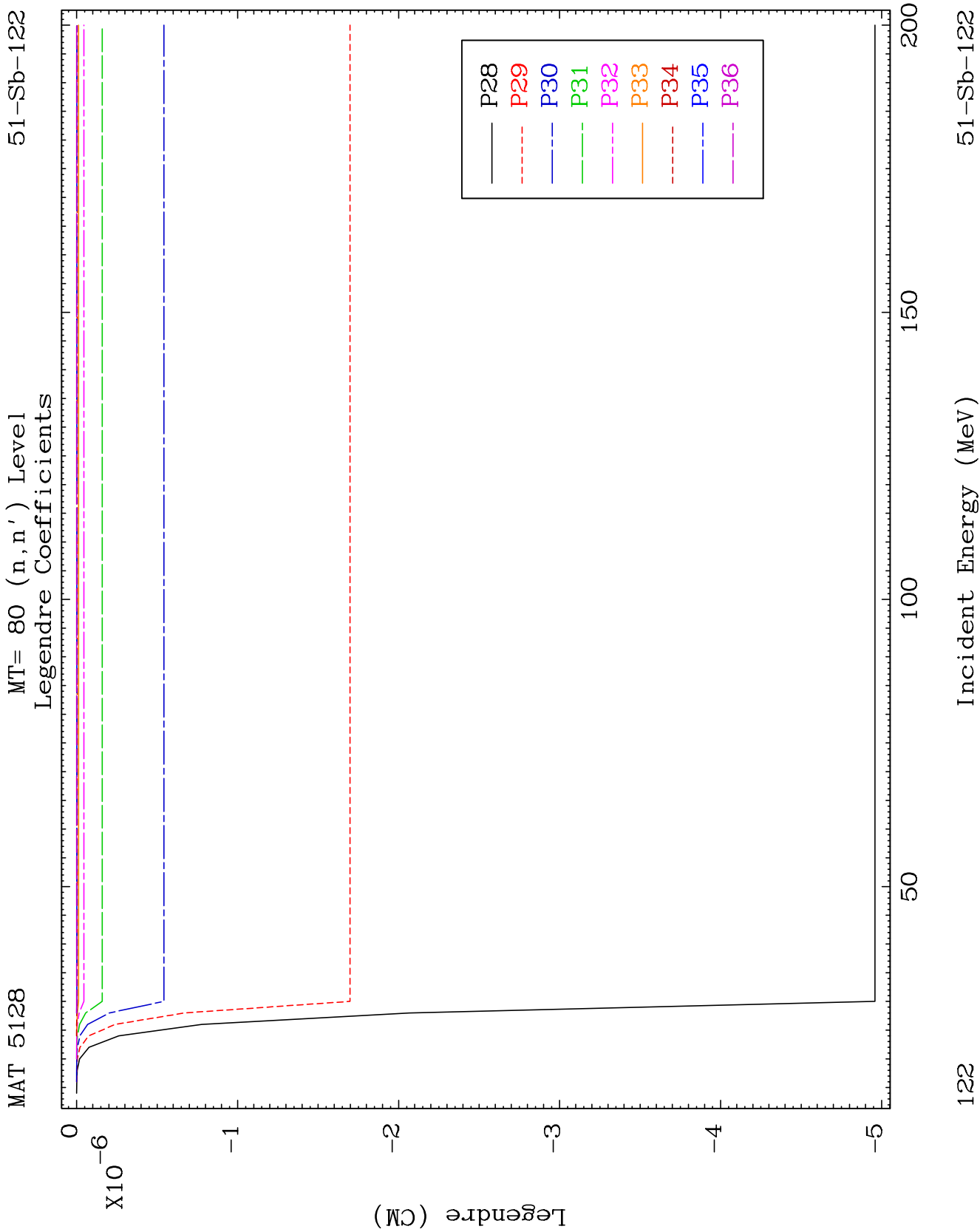
MAT 5128

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

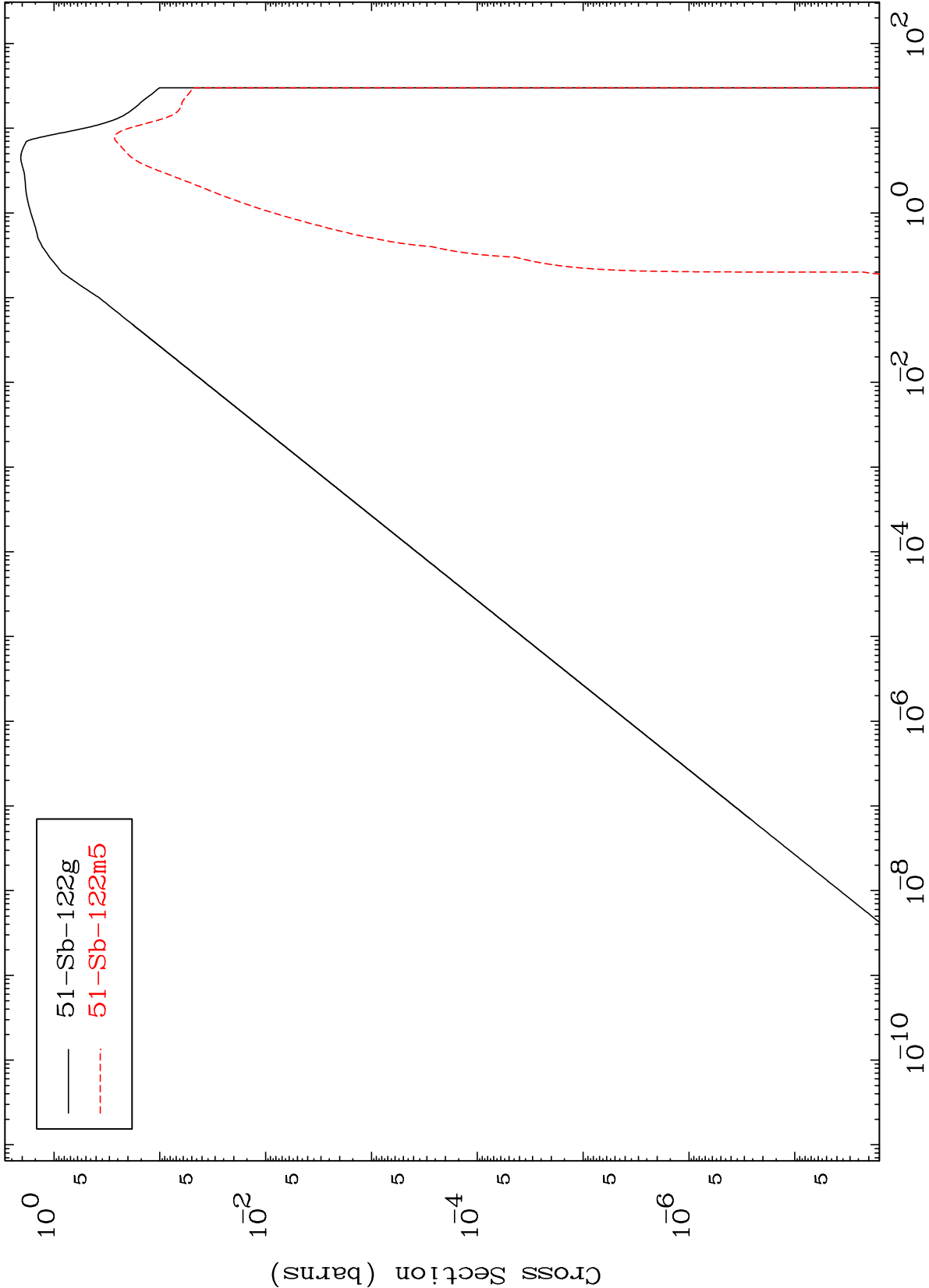
51-Sb-122

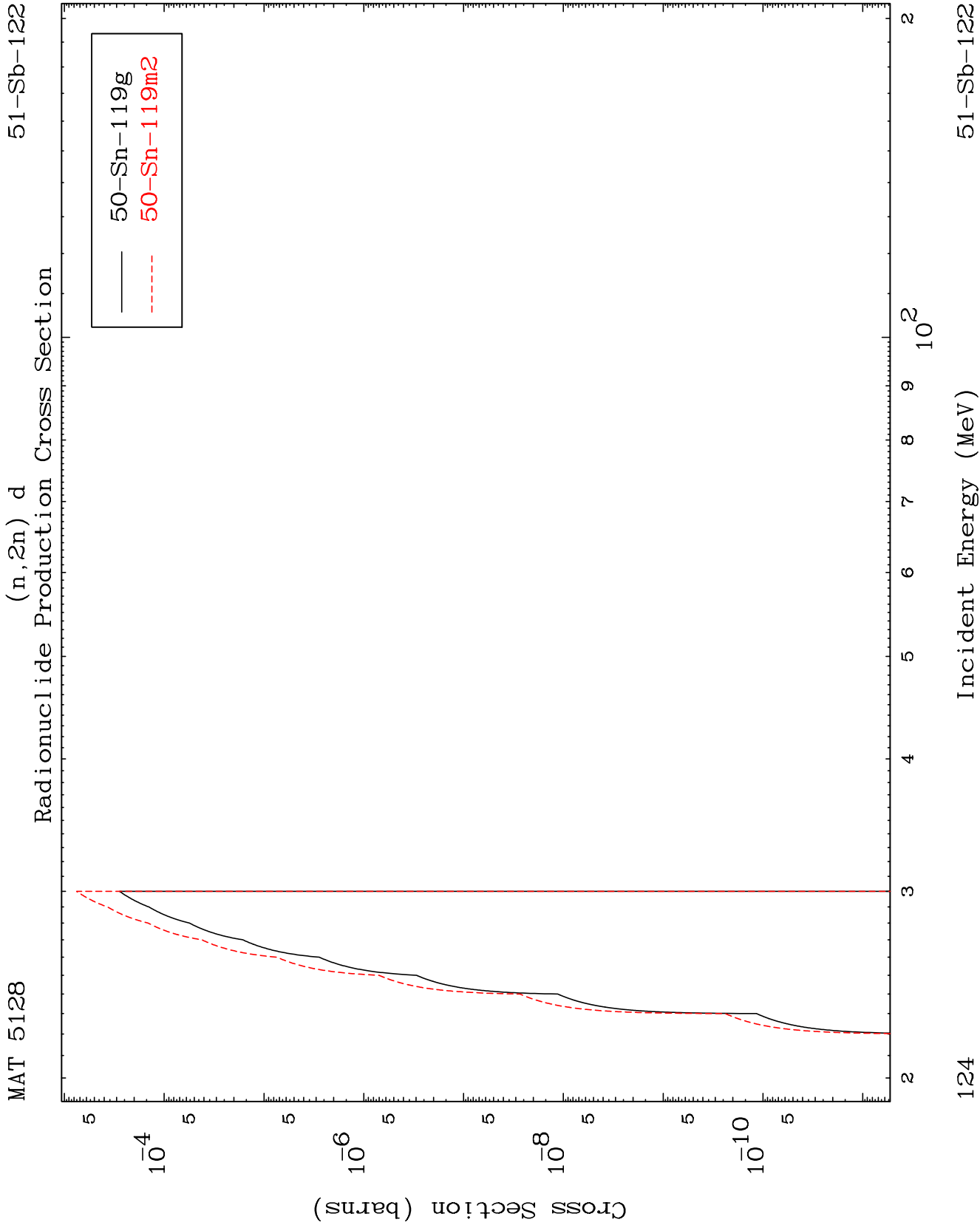






Inelastic
Radionuclide Production Cross Section

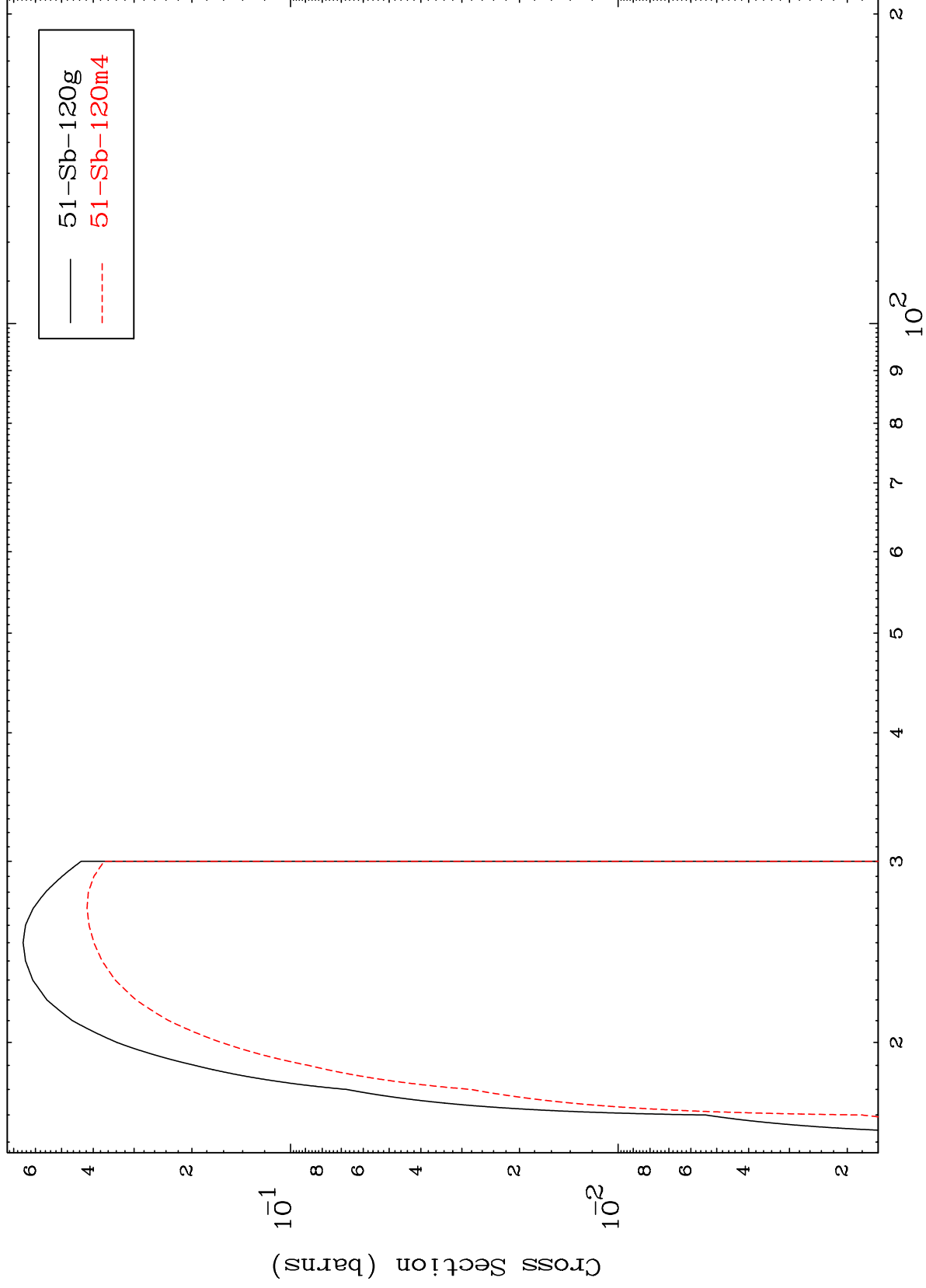




MAT 5128

51-Sb-122

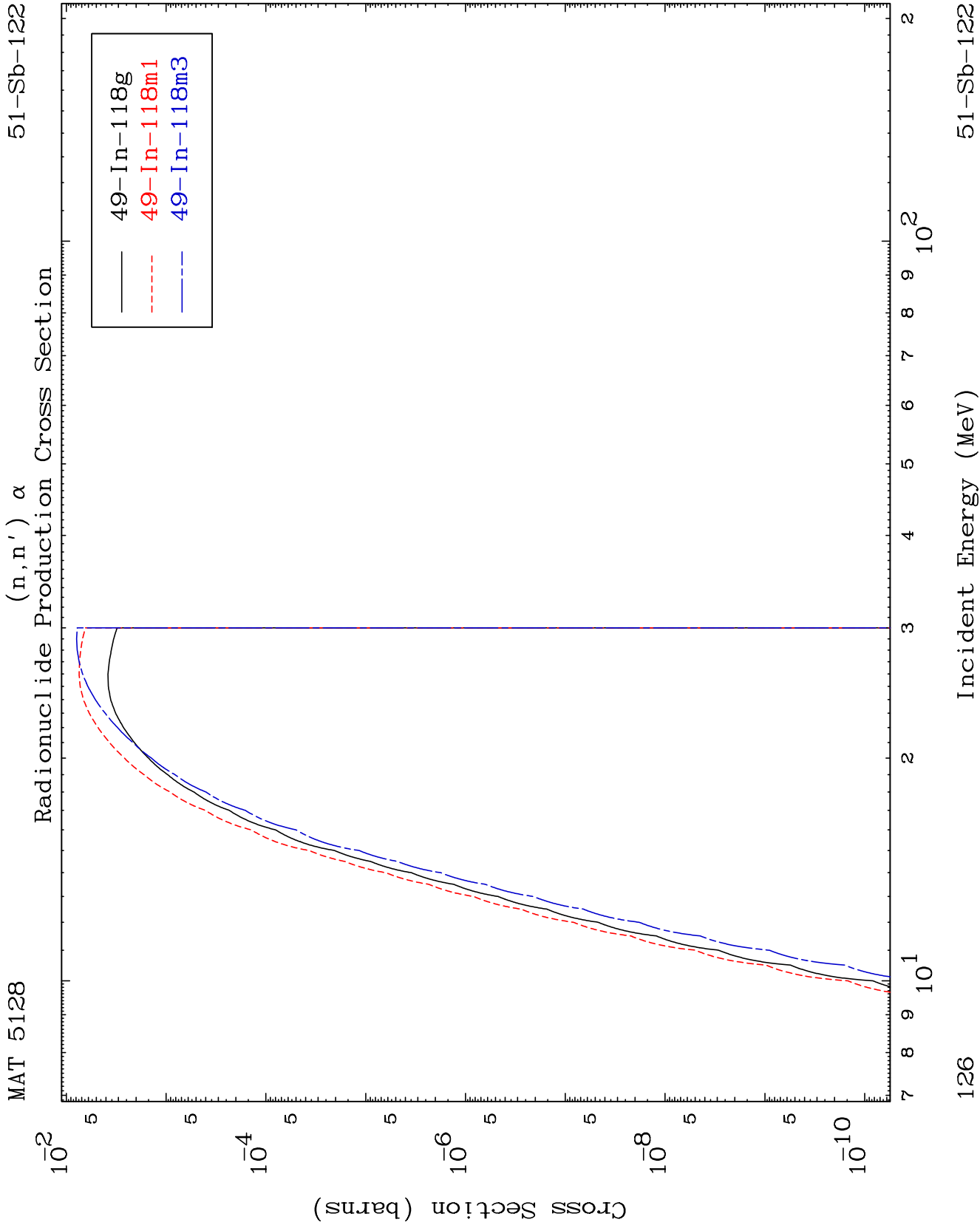
(n,3n)
Radionuclide Production Cross Section



125

Incident Energy (MeV)

51-Sb-122

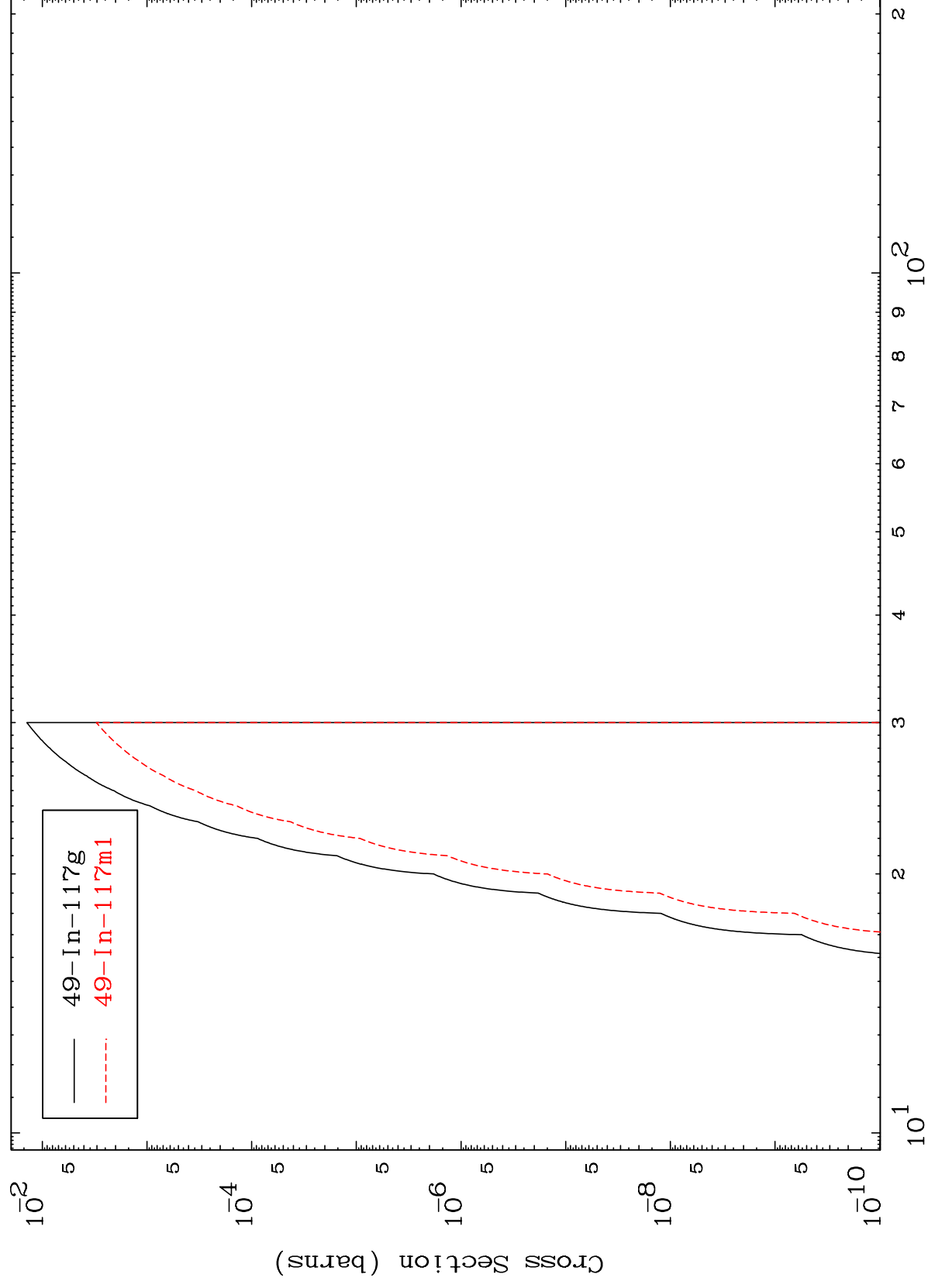


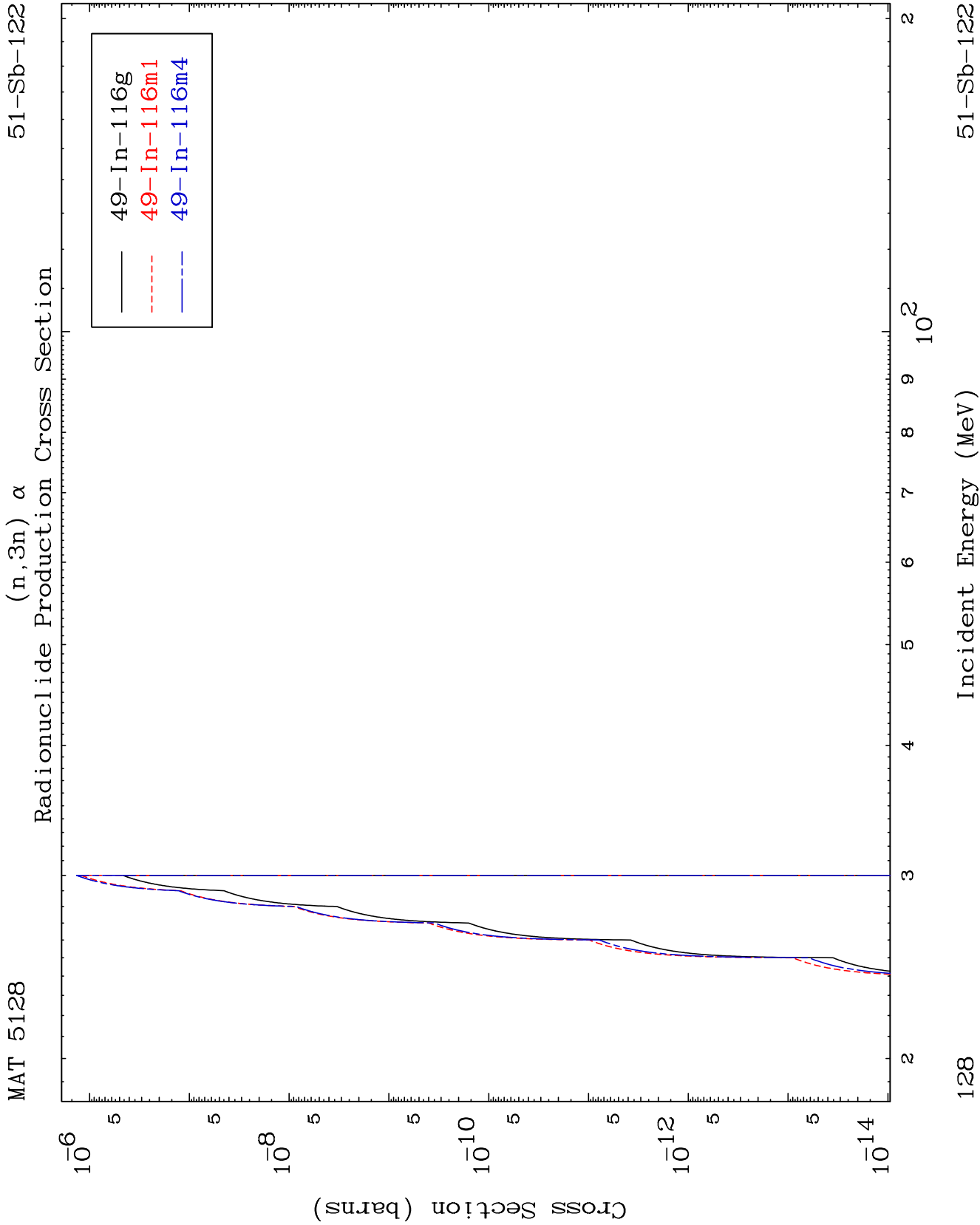
MAT 5128

$$(n, 2n) \propto$$

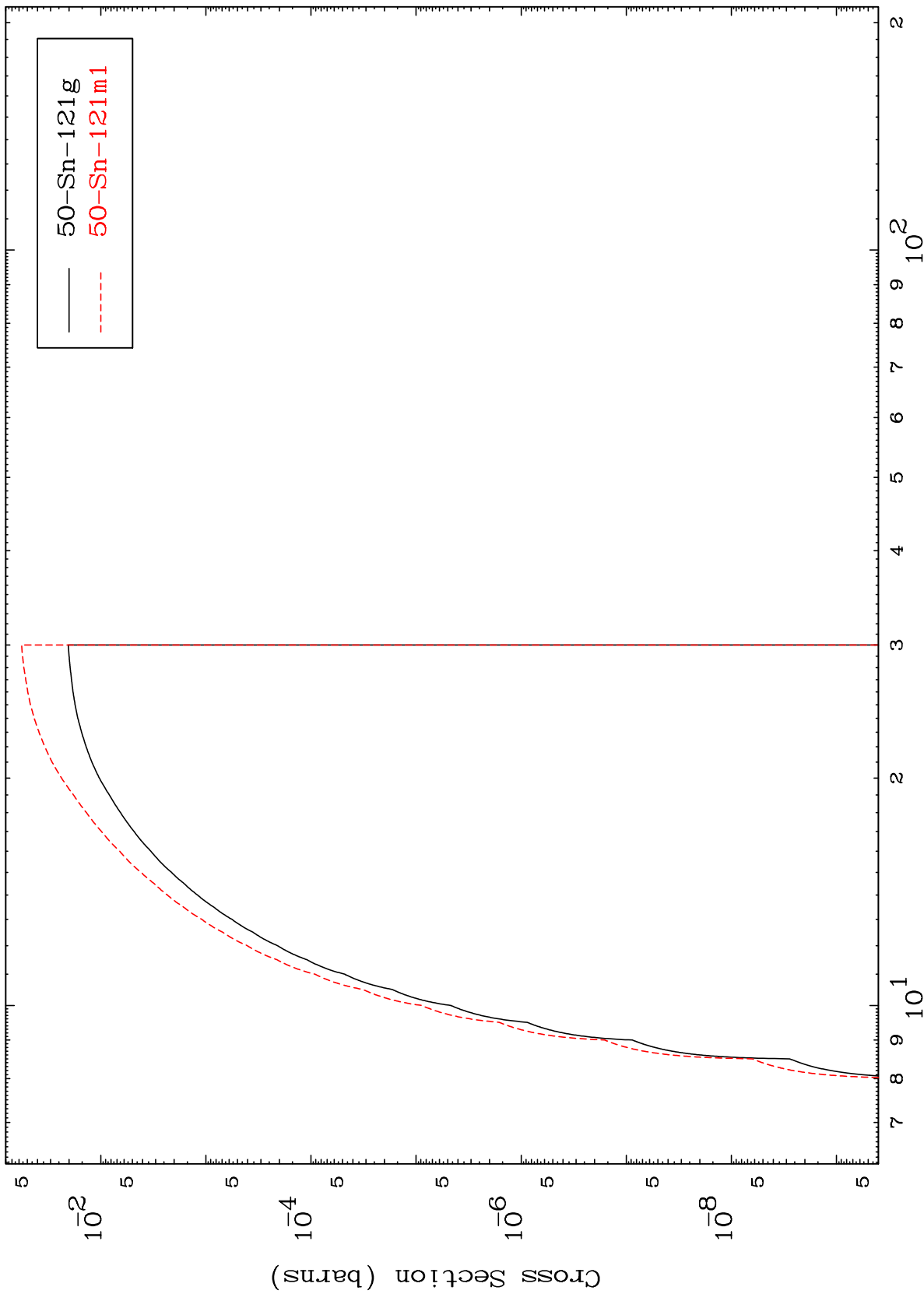
51-Sb-122

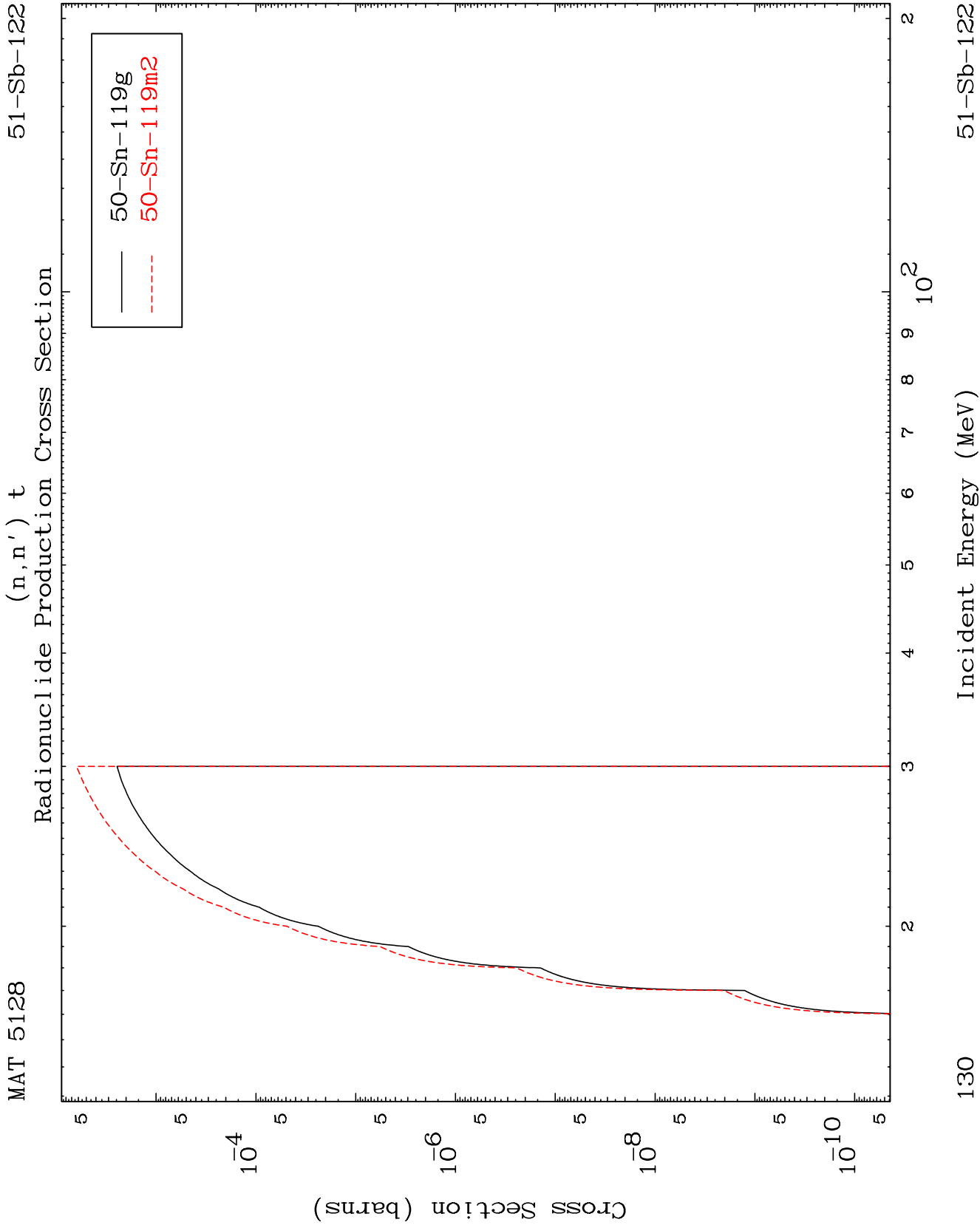
Radionuclide Production Cross Section



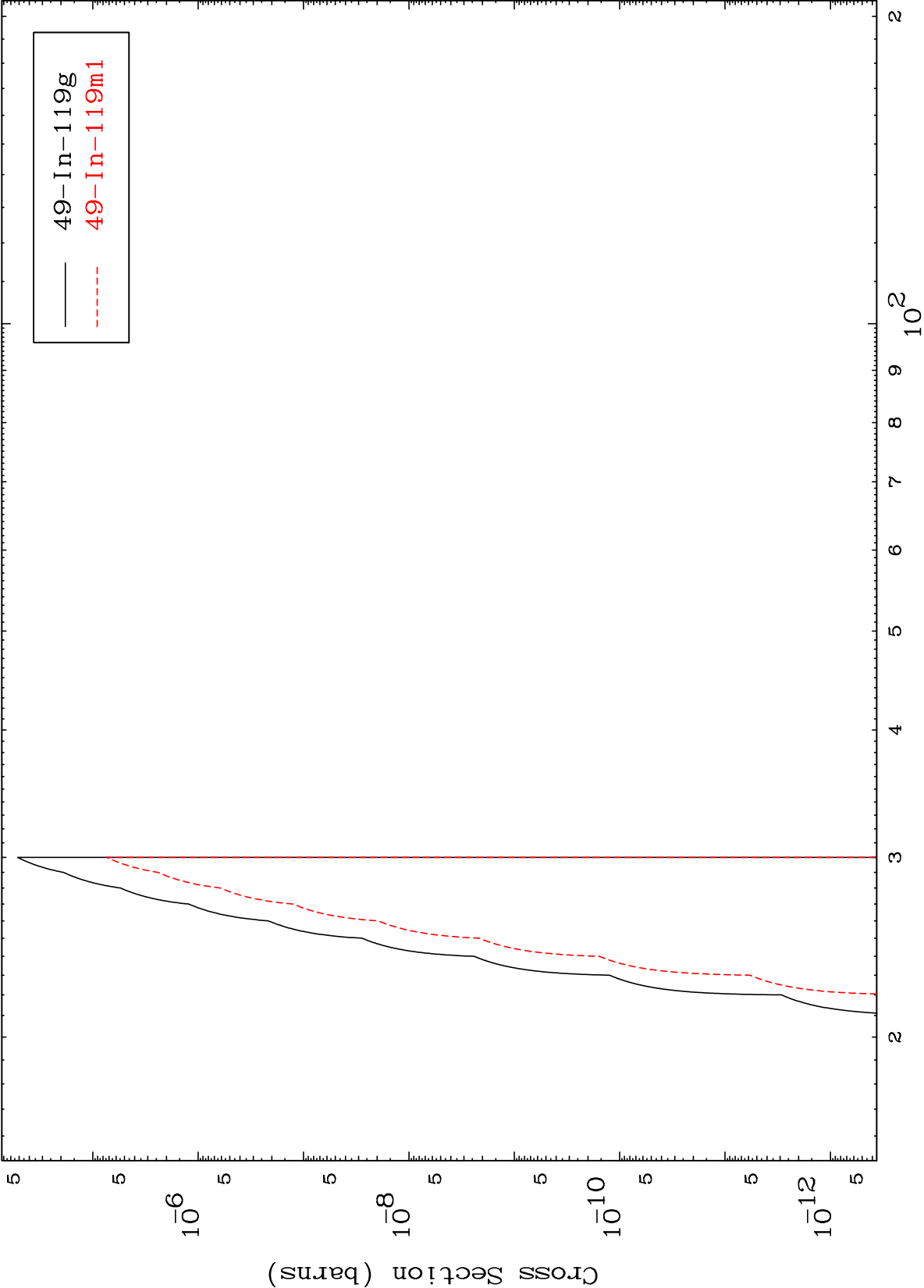


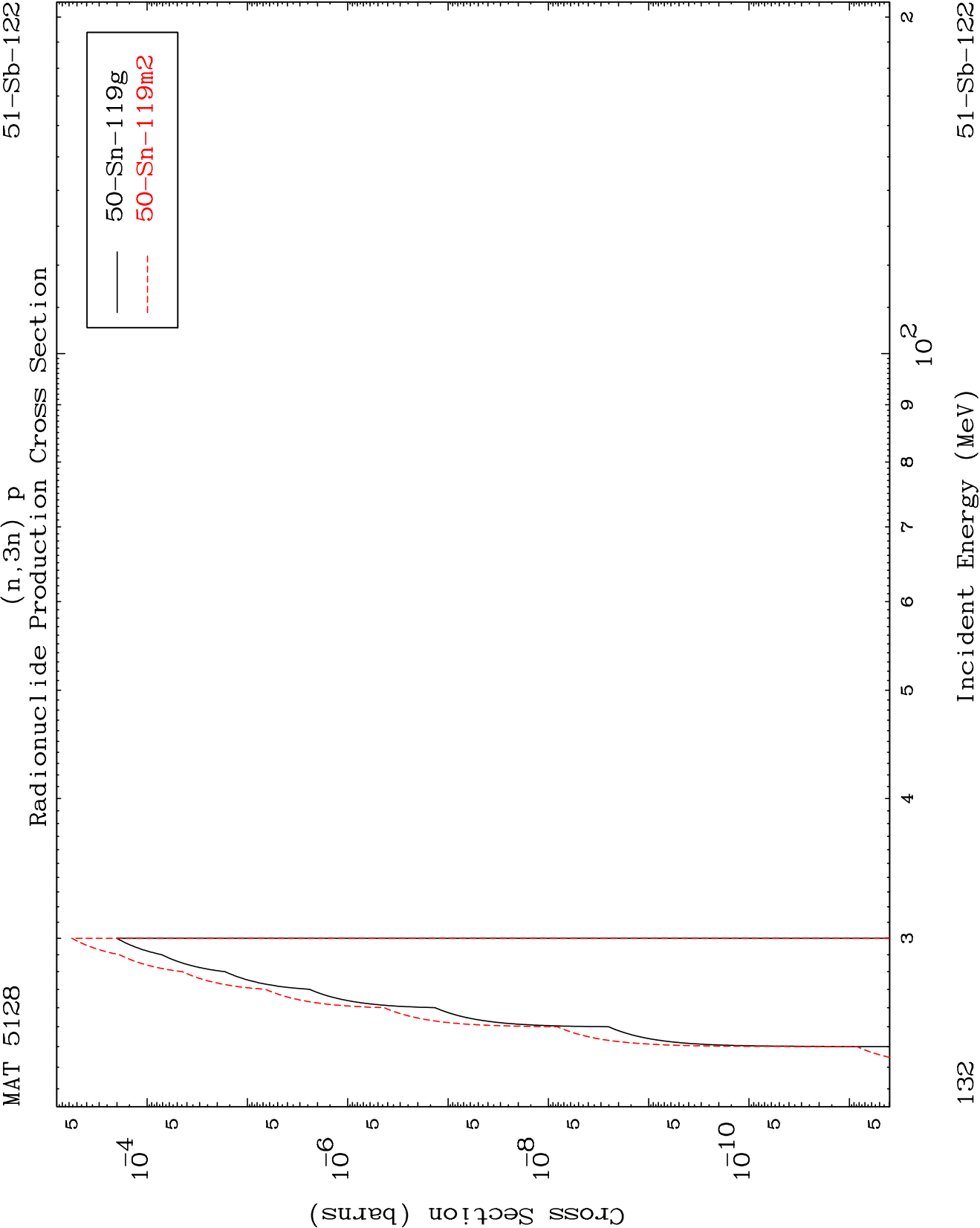
Radionuclide Production Cross Section



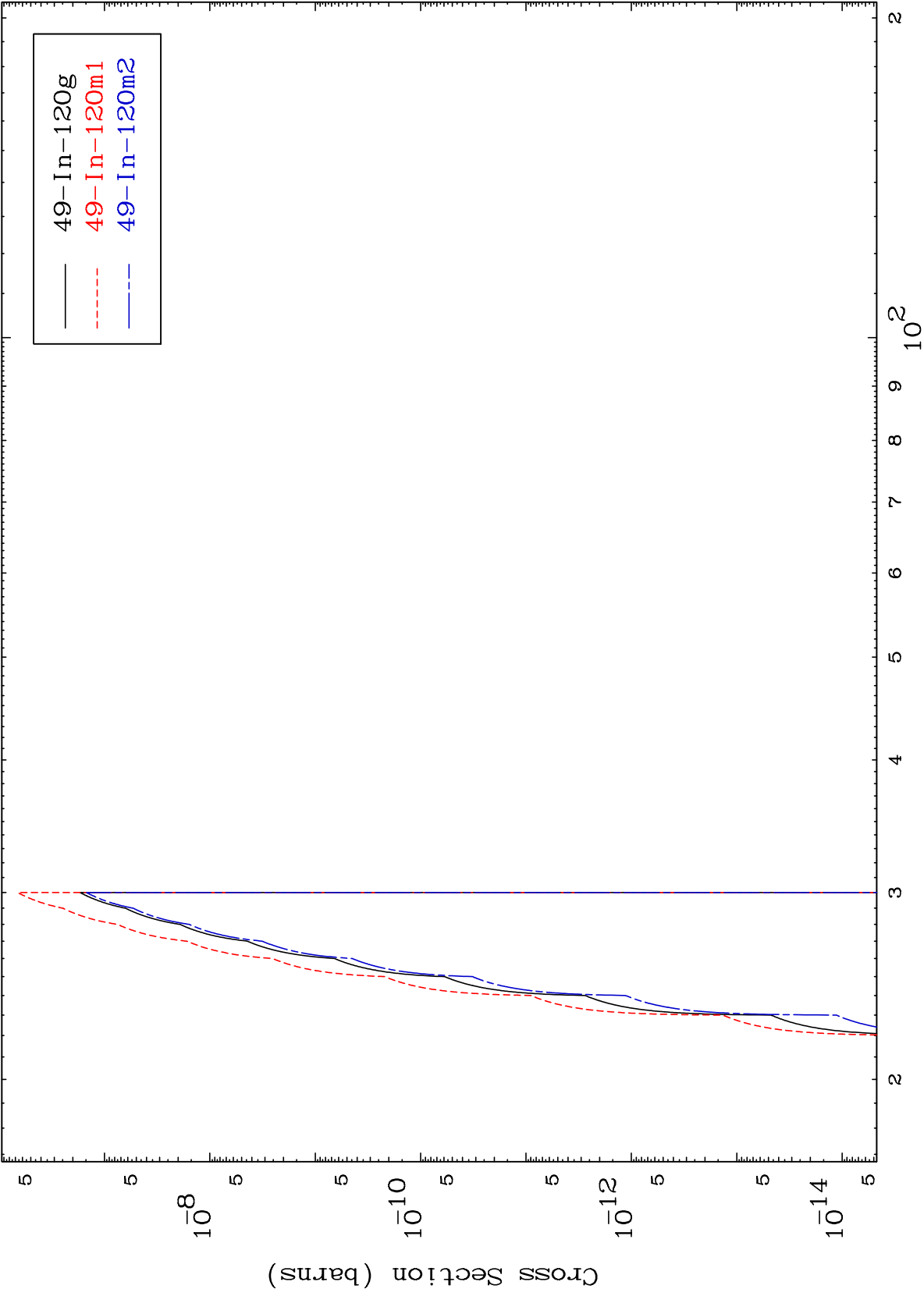


Radionuclide Production Cross Section

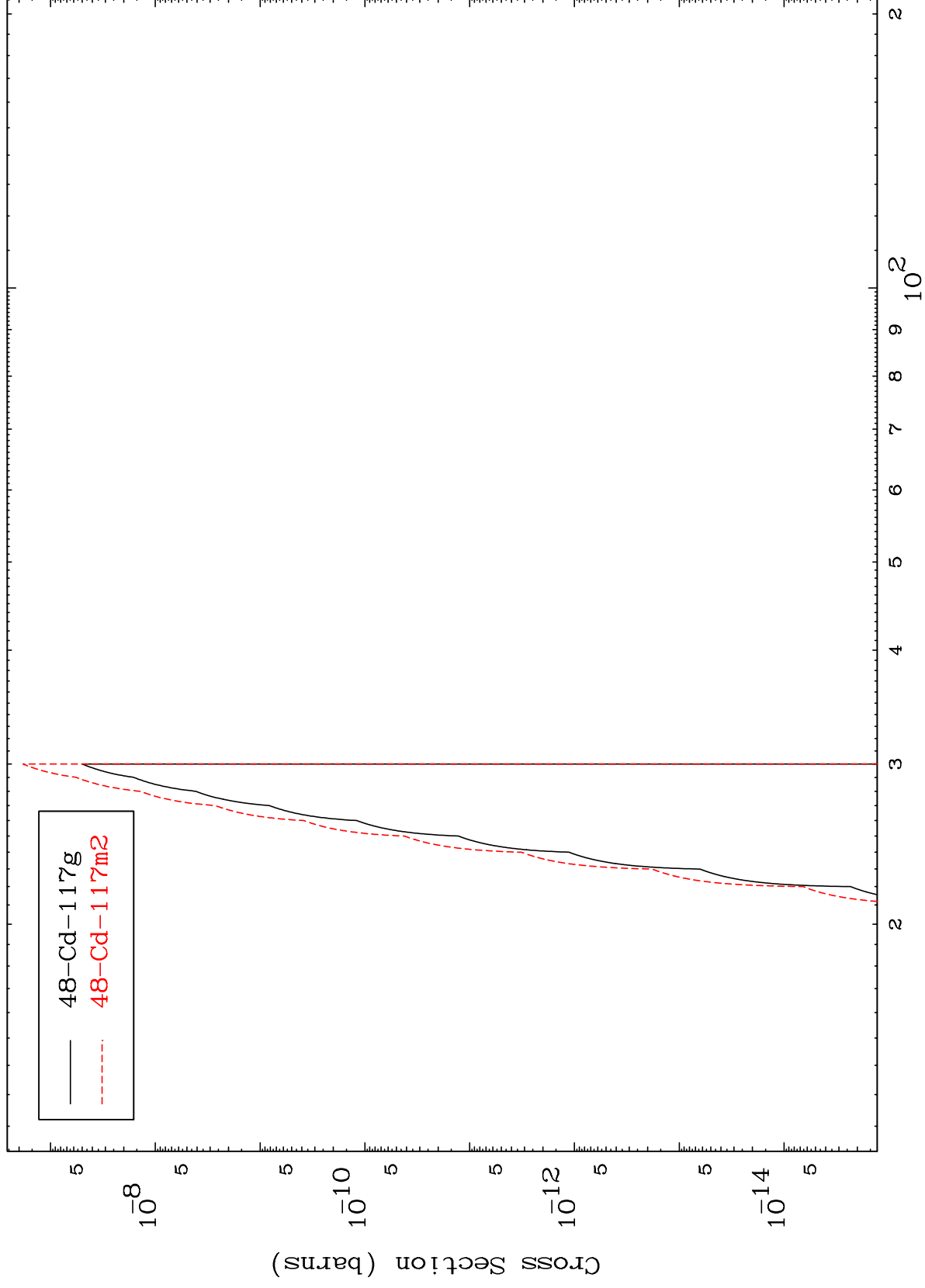




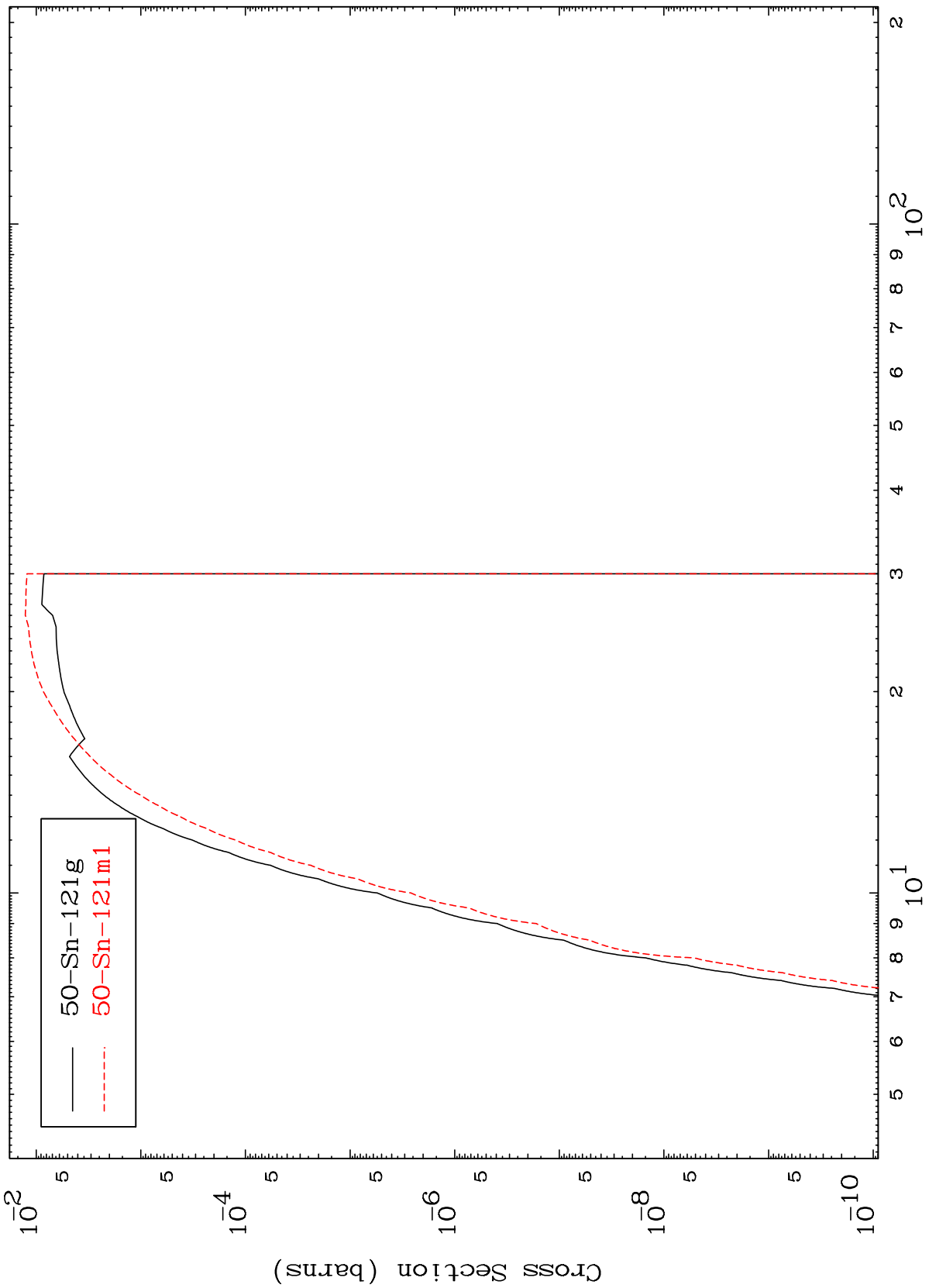
(n,2n) p
Radionuclide Production Cross Section



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



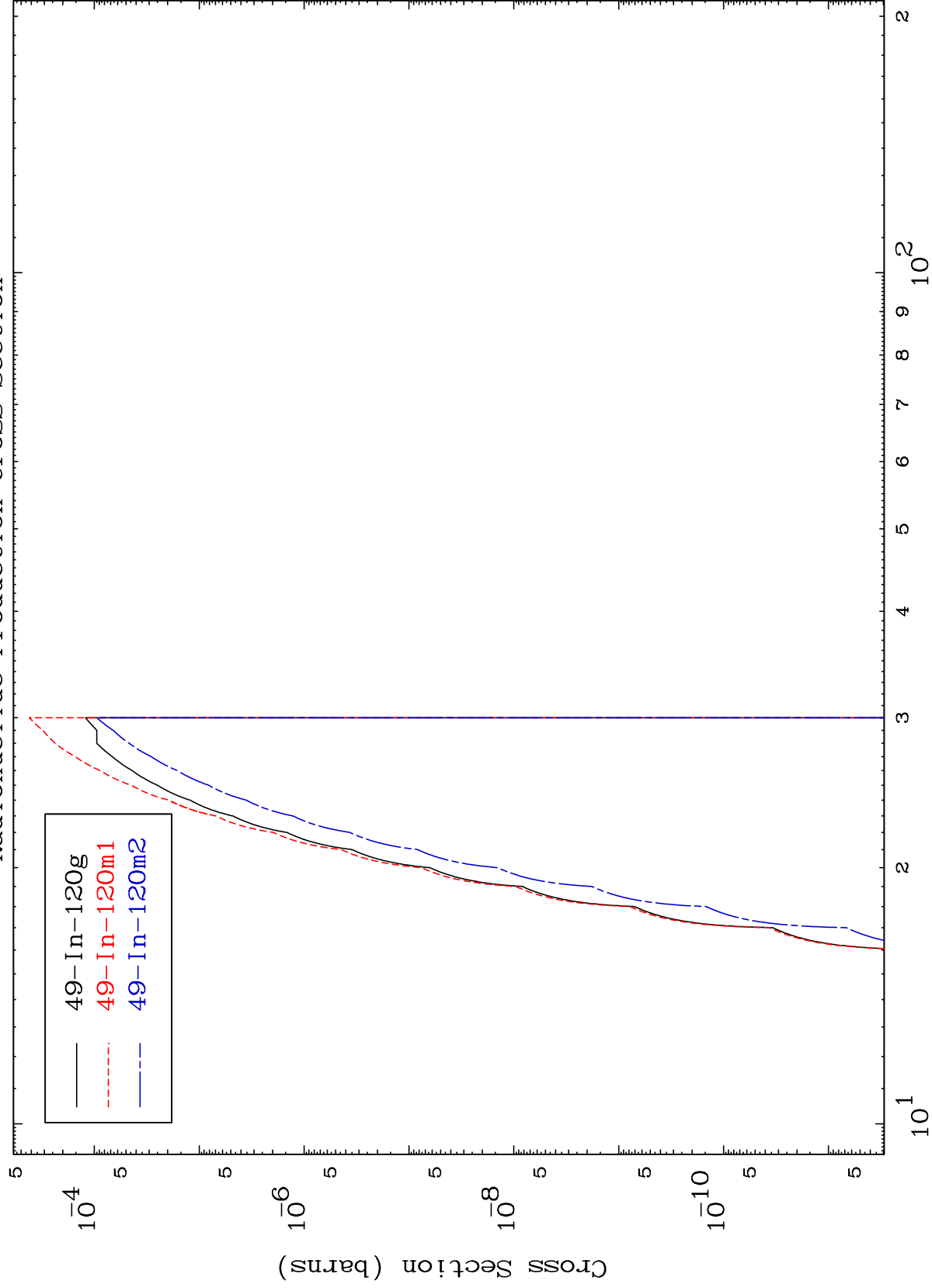
Radionuclide Production Cross Section (n,d)



MAT 5128

51-Sb-122

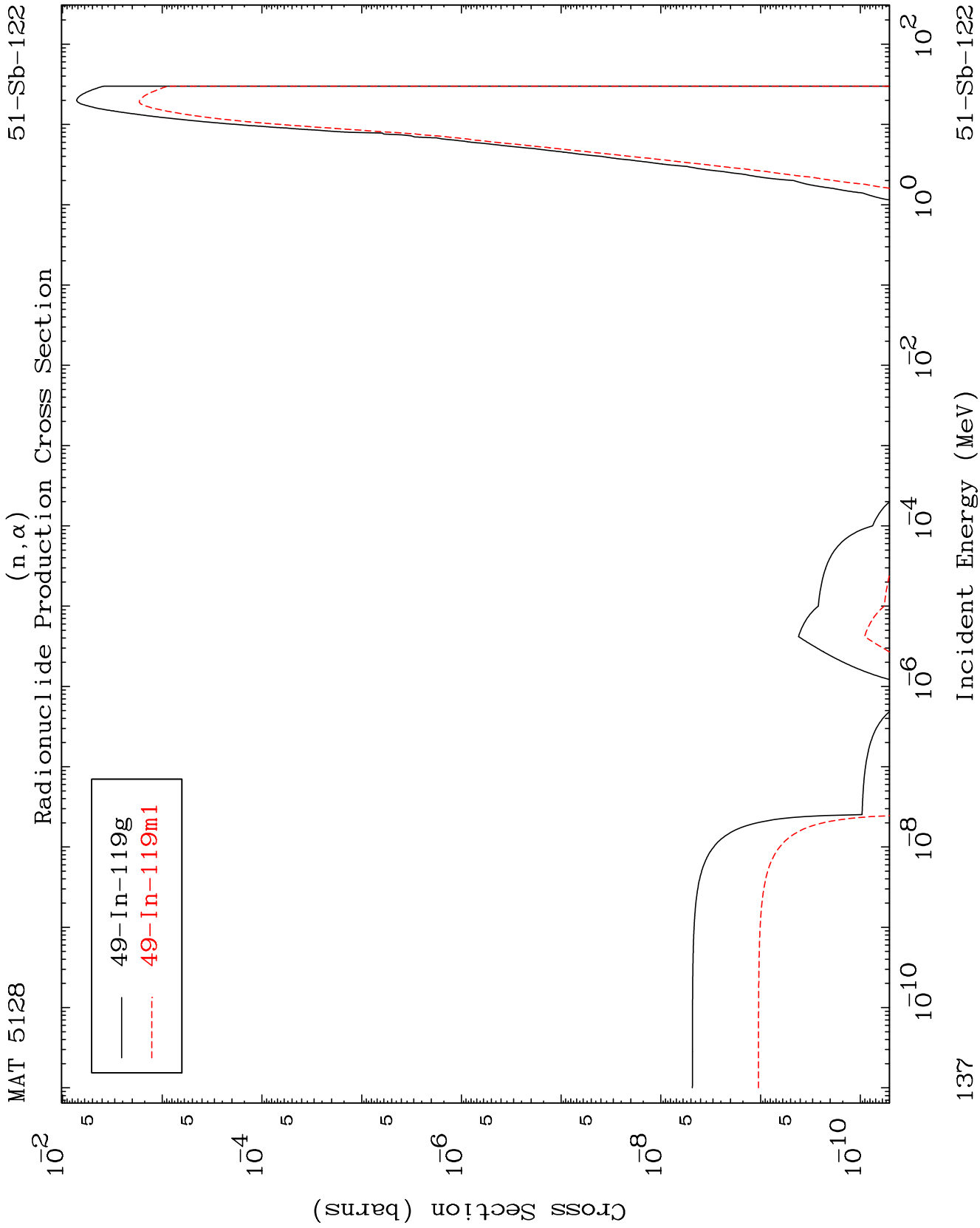
Radionuclide Production Cross Section



51-Sb-122

Incident Energy (MeV)

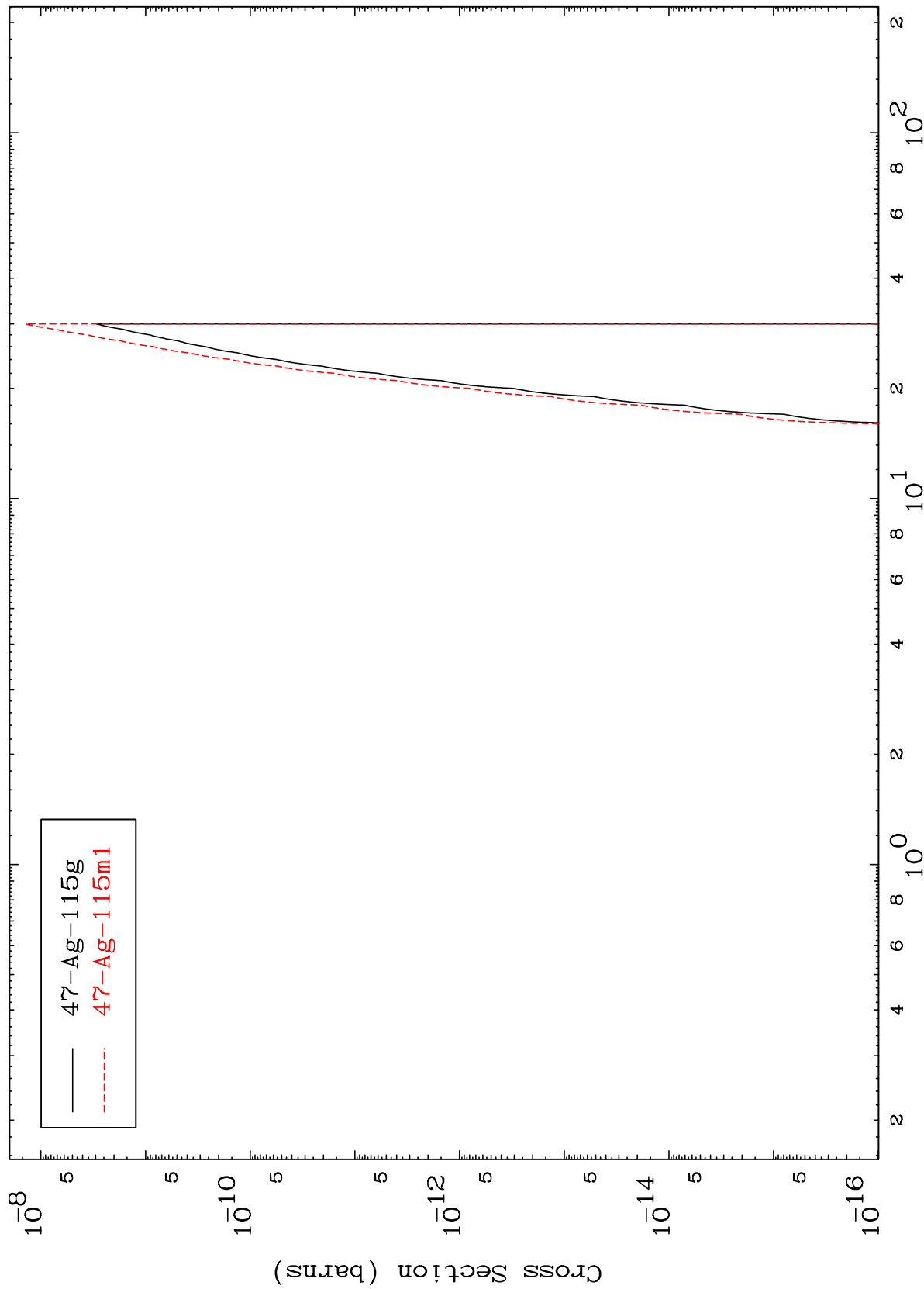
136



MAT 5128

51-Sb-122

Radionuclide Production Cross Section
(n,2α)



138

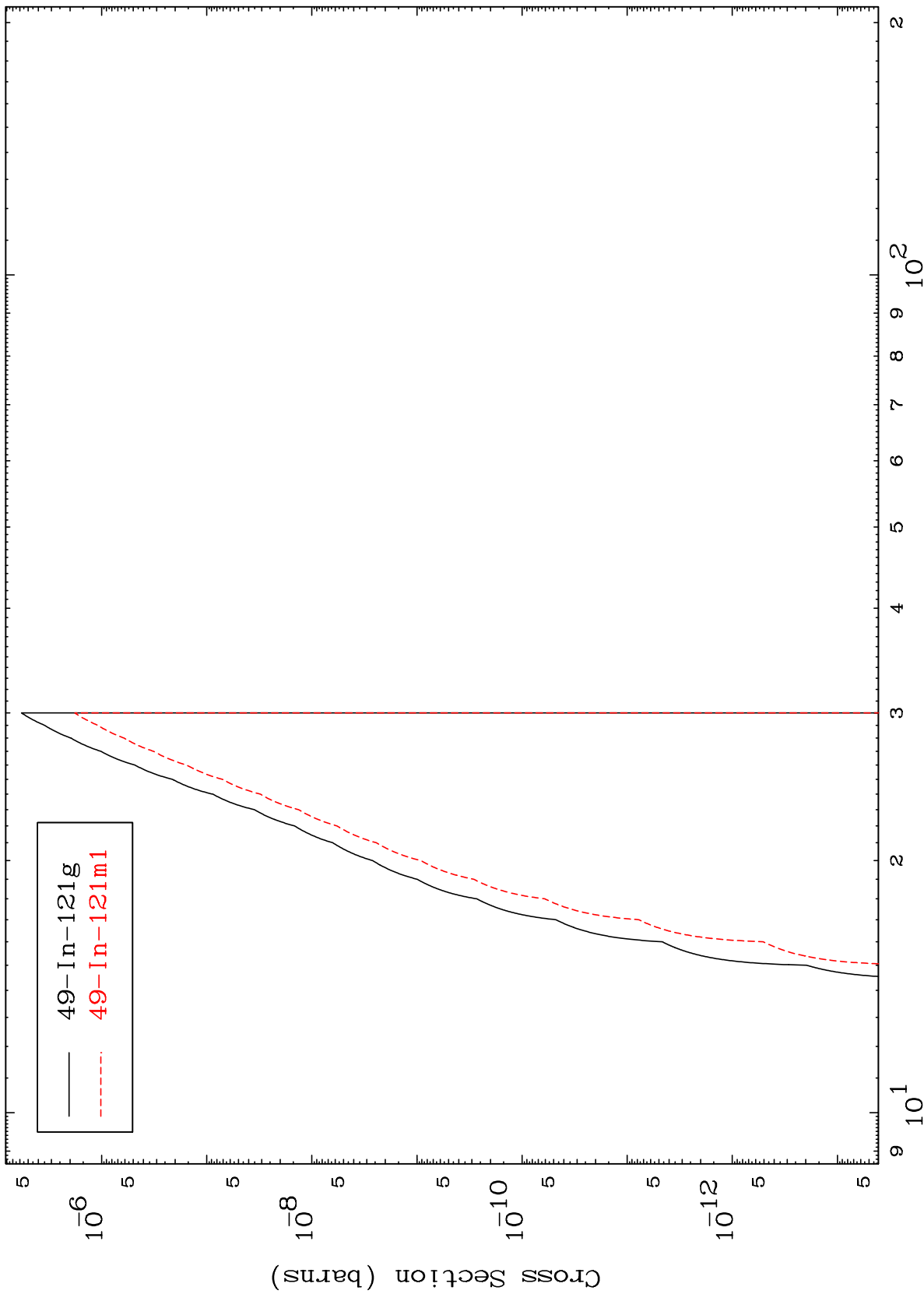
Incident Energy (MeV)

51-Sb-122

MAT 5128

51-Sb-122

(n,2p)
Radionuclide Production Cross Section



51-Sb-122

Incident Energy (MeV)

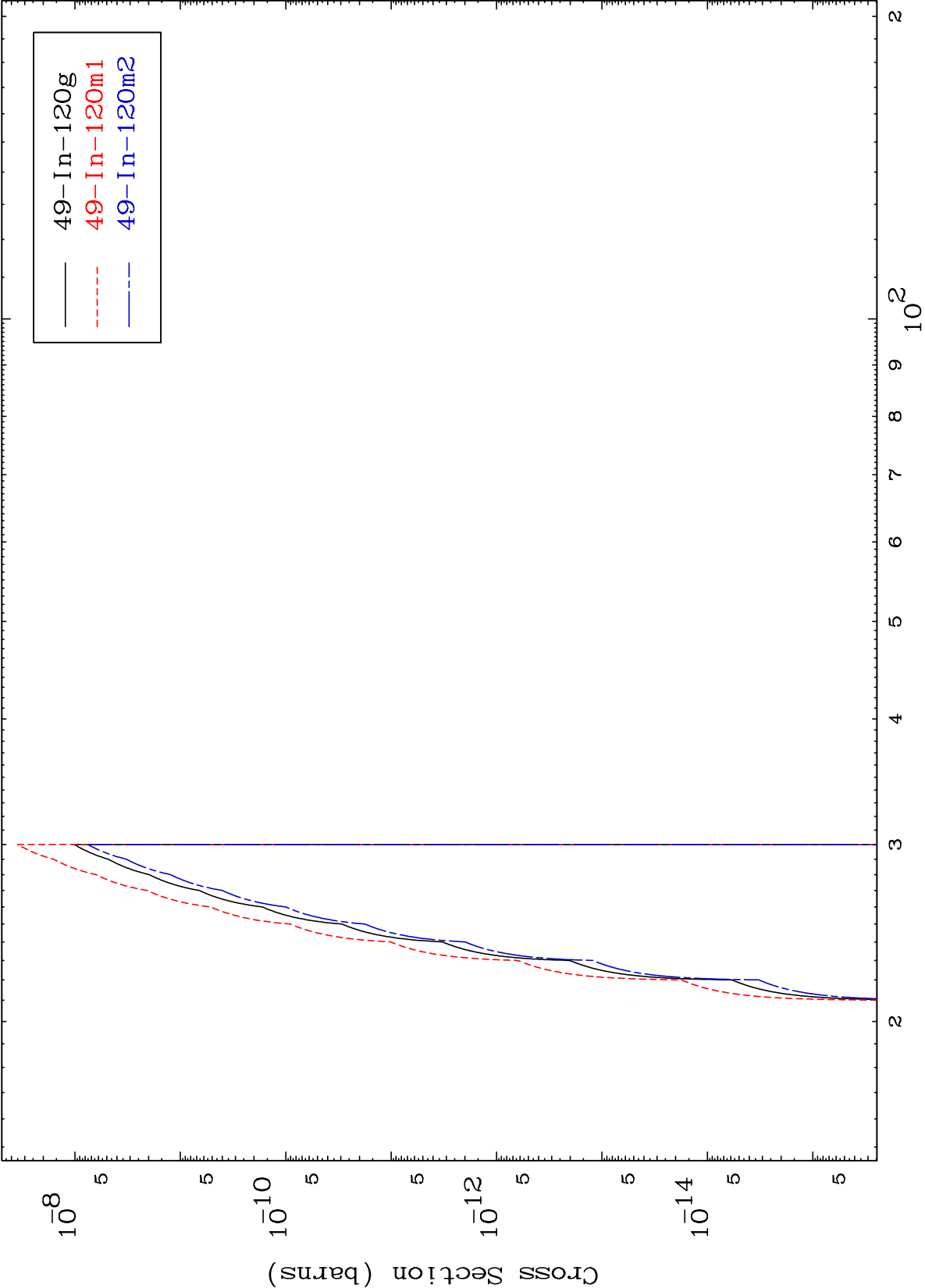
139

MAT 5128

(n,p) d

51-Sb-122

Radionuclide Production Cross Section



140

Incident Energy (MeV)

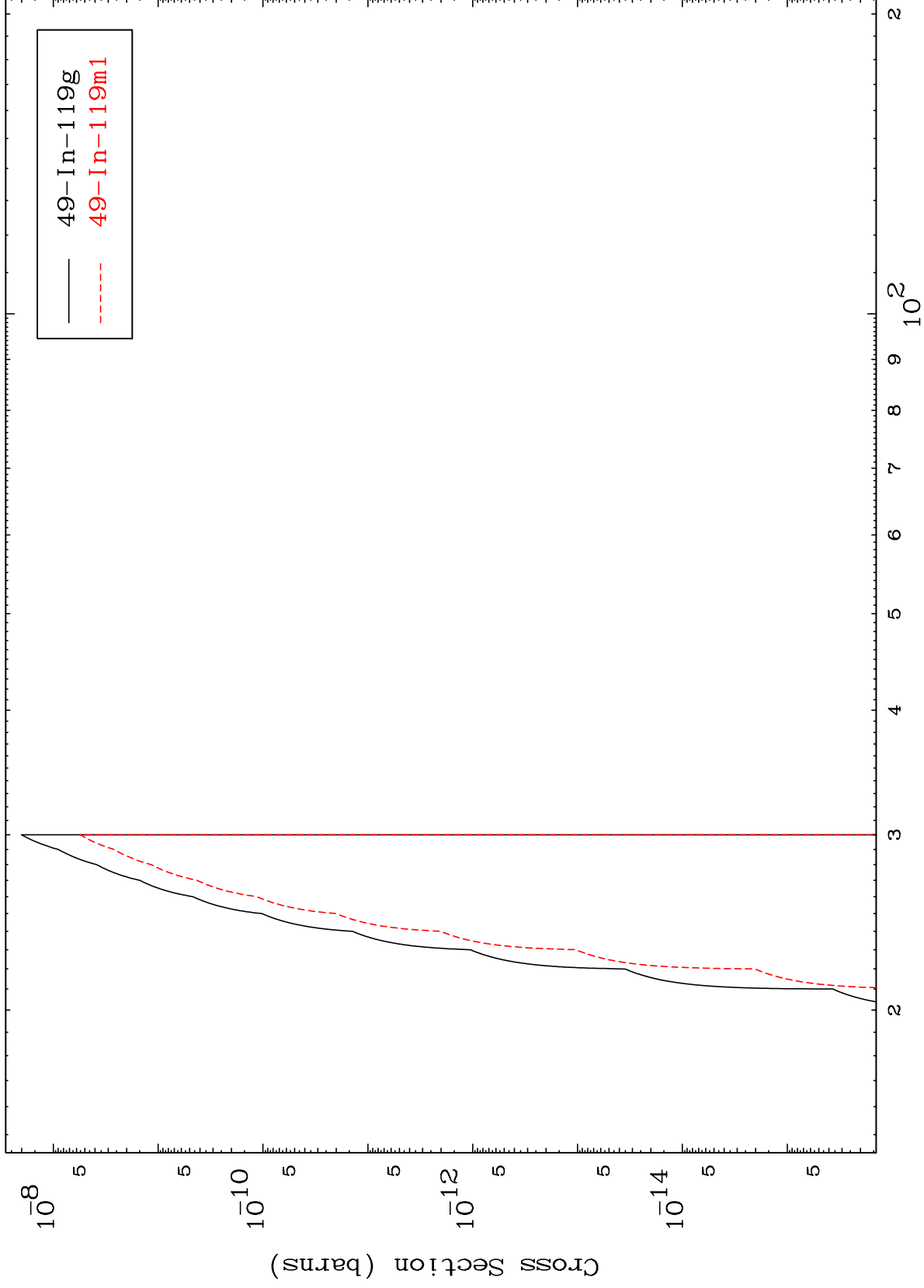
51-Sb-122

MAT 5128

(n,p) t

51-Sb-122

Radionuclide Production Cross Section



141

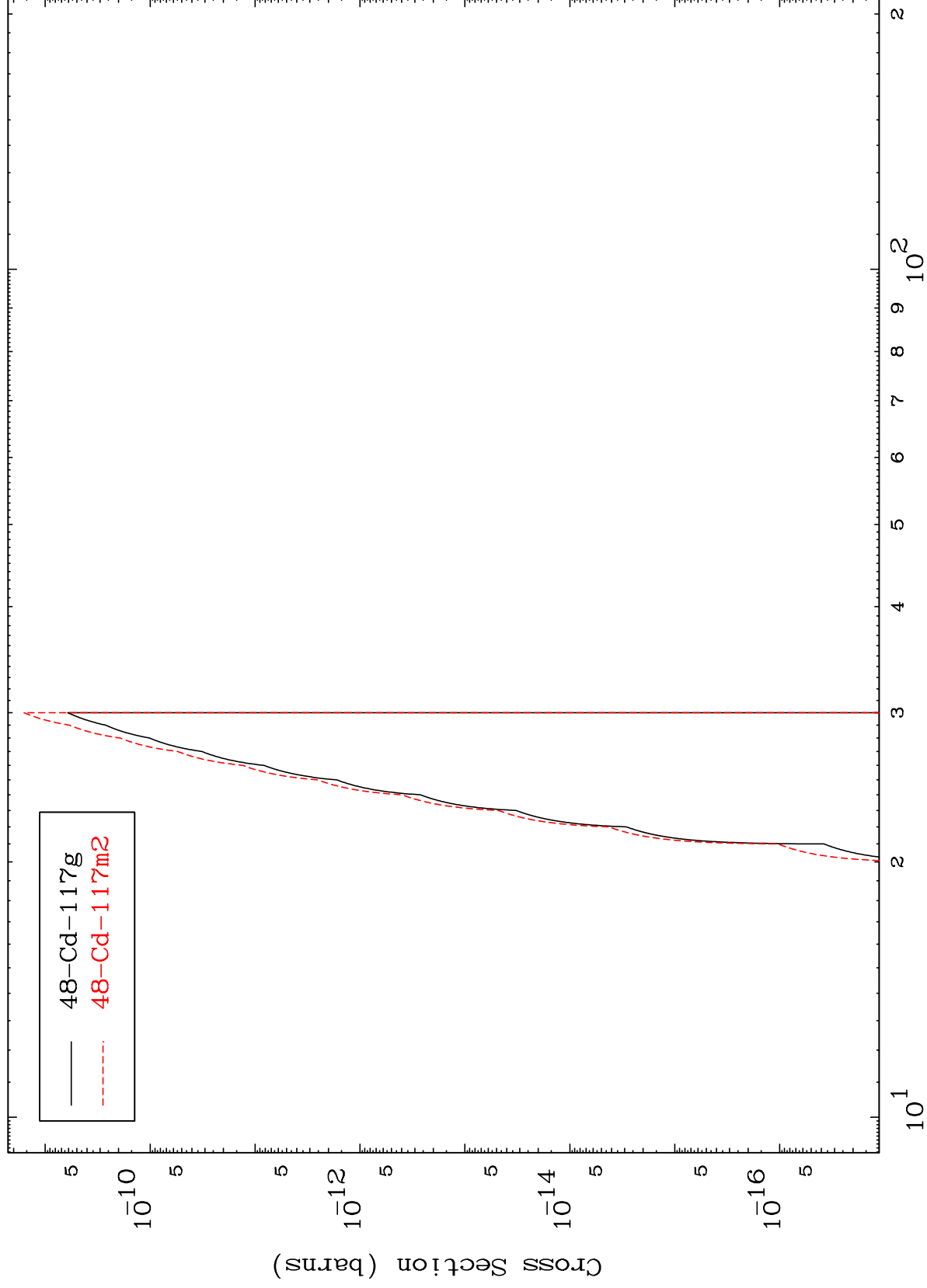
Incident Energy (MeV)

51-Sb-122

MAT 5128

51-Sb-122

(n,d) α
Radionuclide Production Cross Section



51-Sb-122

Incident Energy (MeV)

142