

Program EVALPLOT
(Version 2017-1)

by

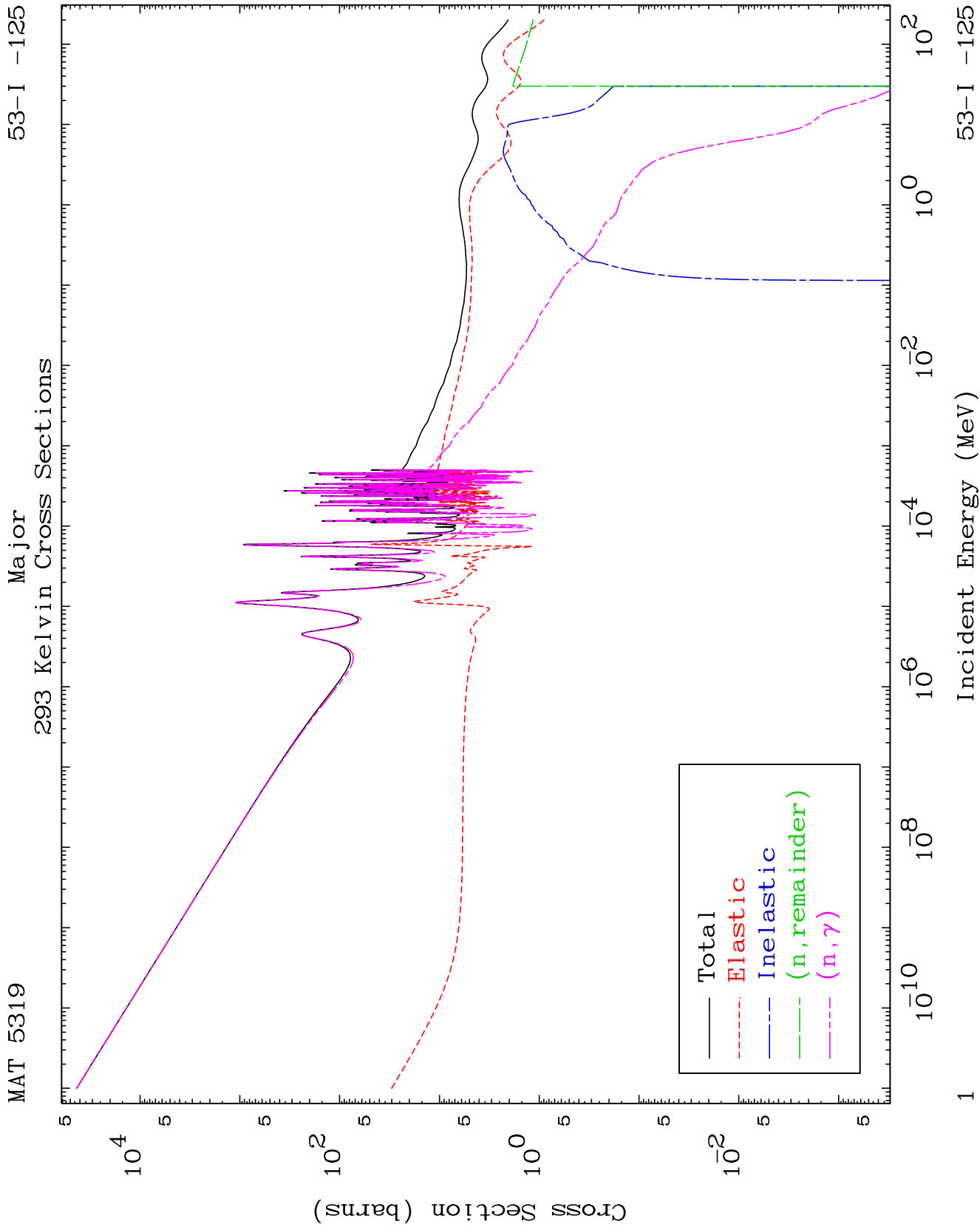
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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Tele: 925-443-1911

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

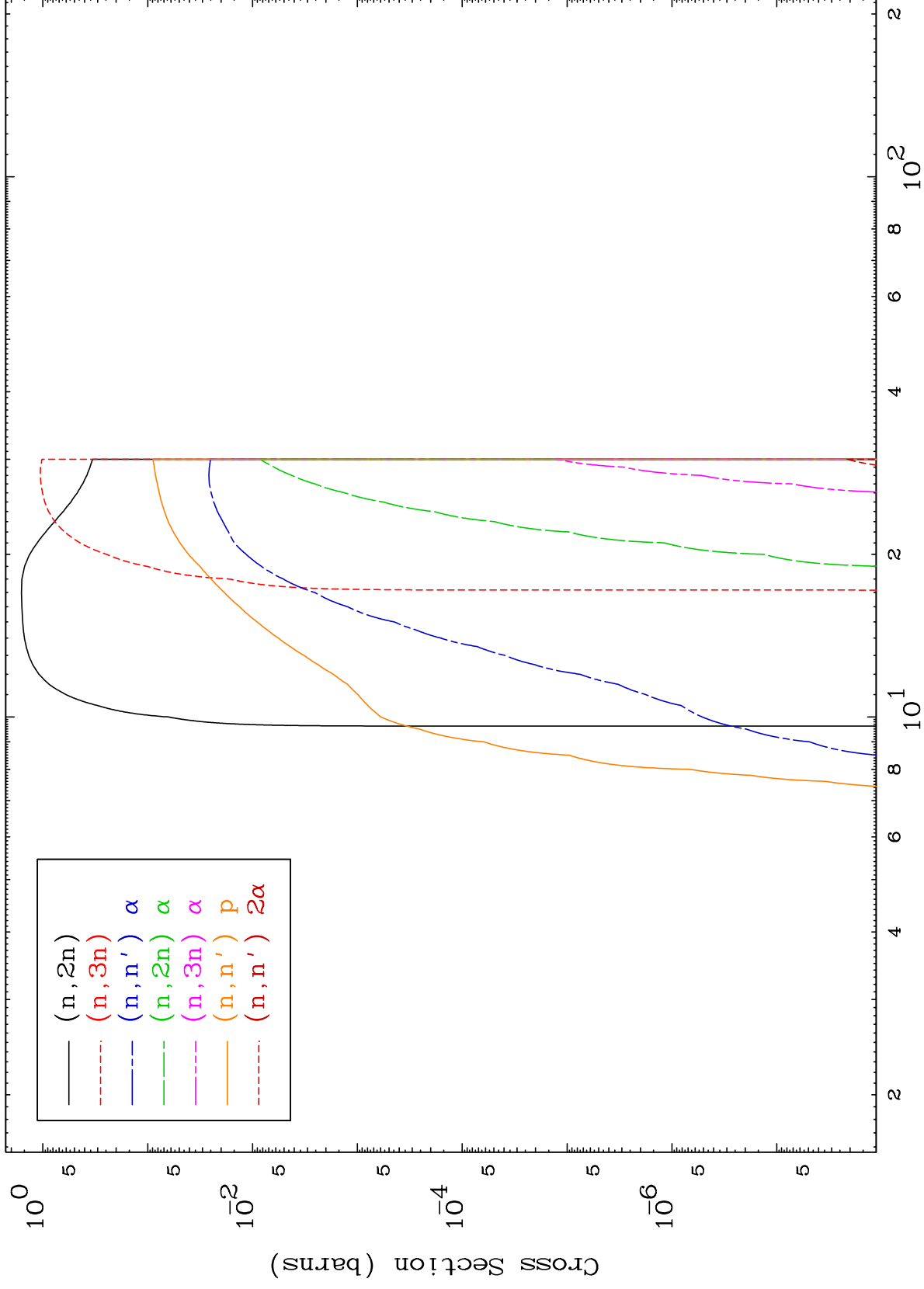
Press Mouse Button to Start



MAT 5319

Neutron Production
293 Kelvin Cross Sections

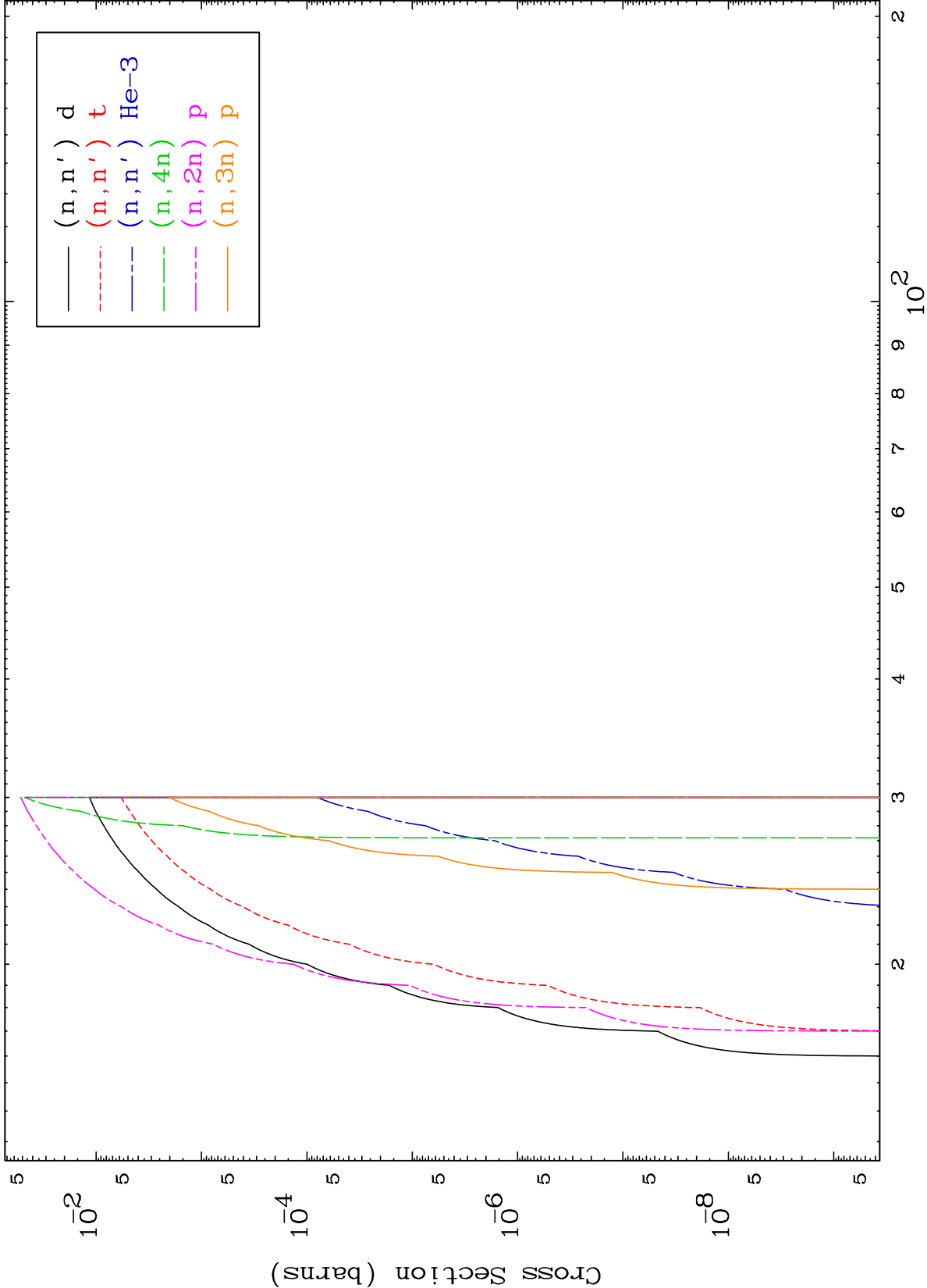
53-I -125

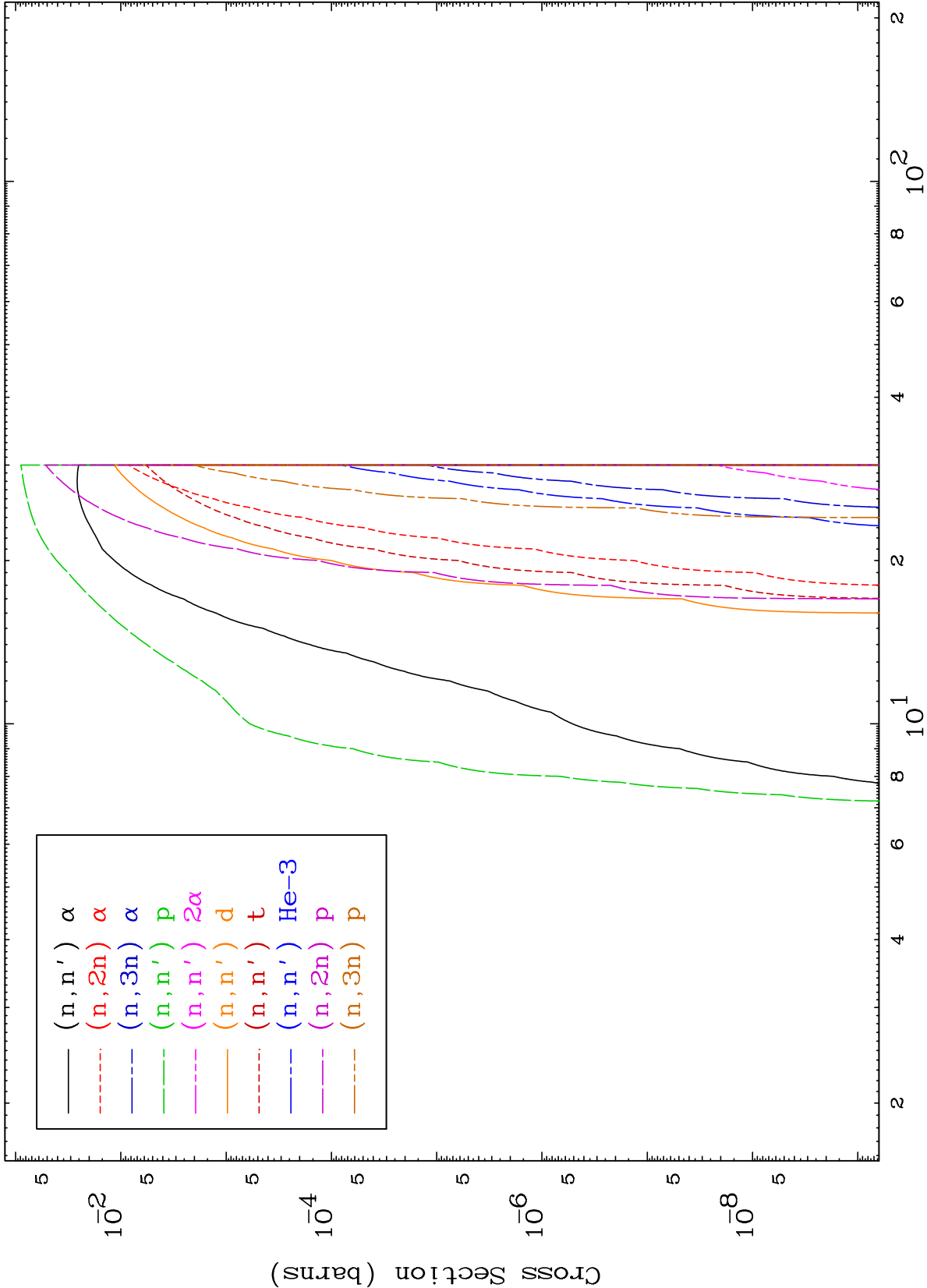


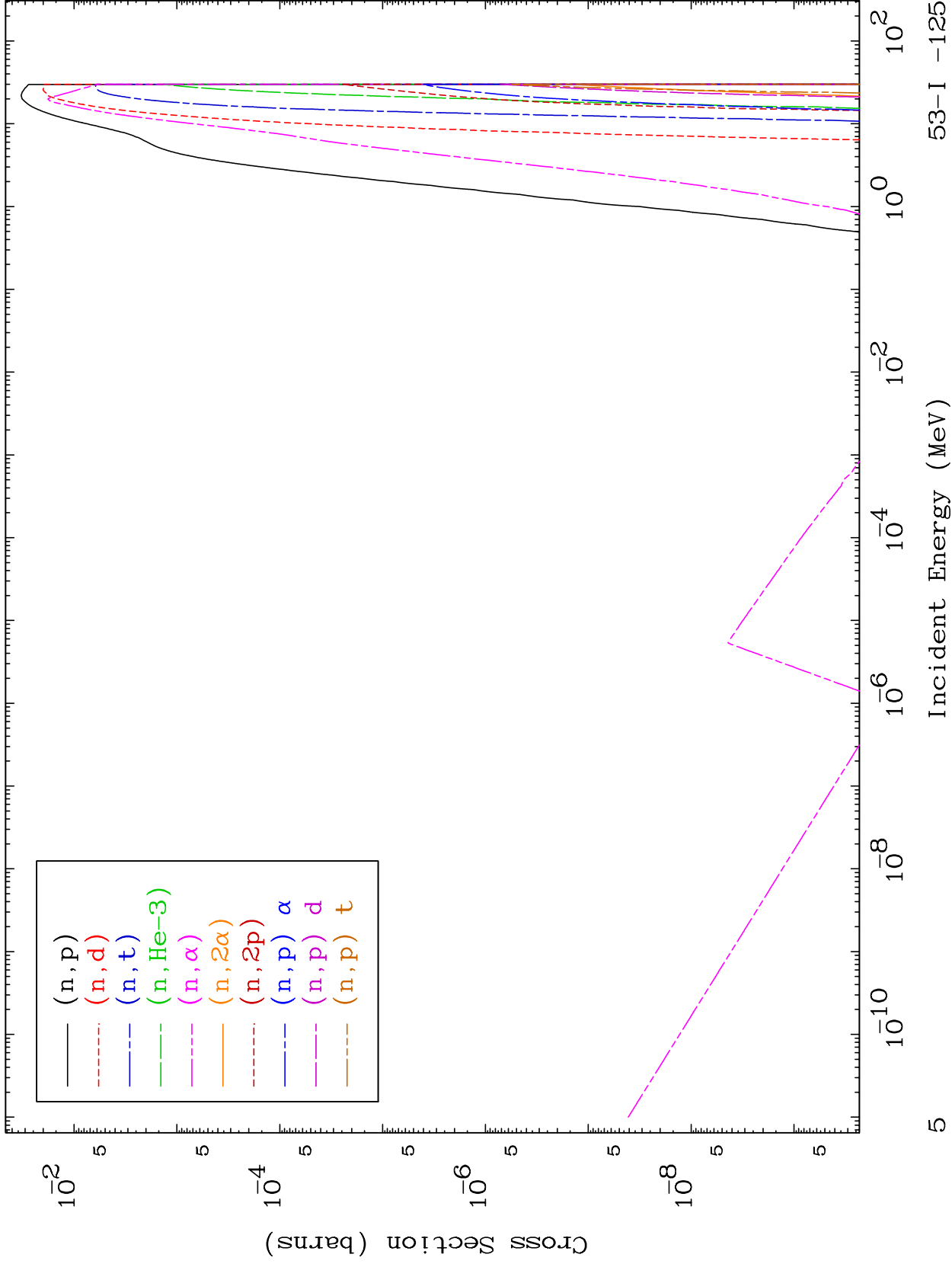
2

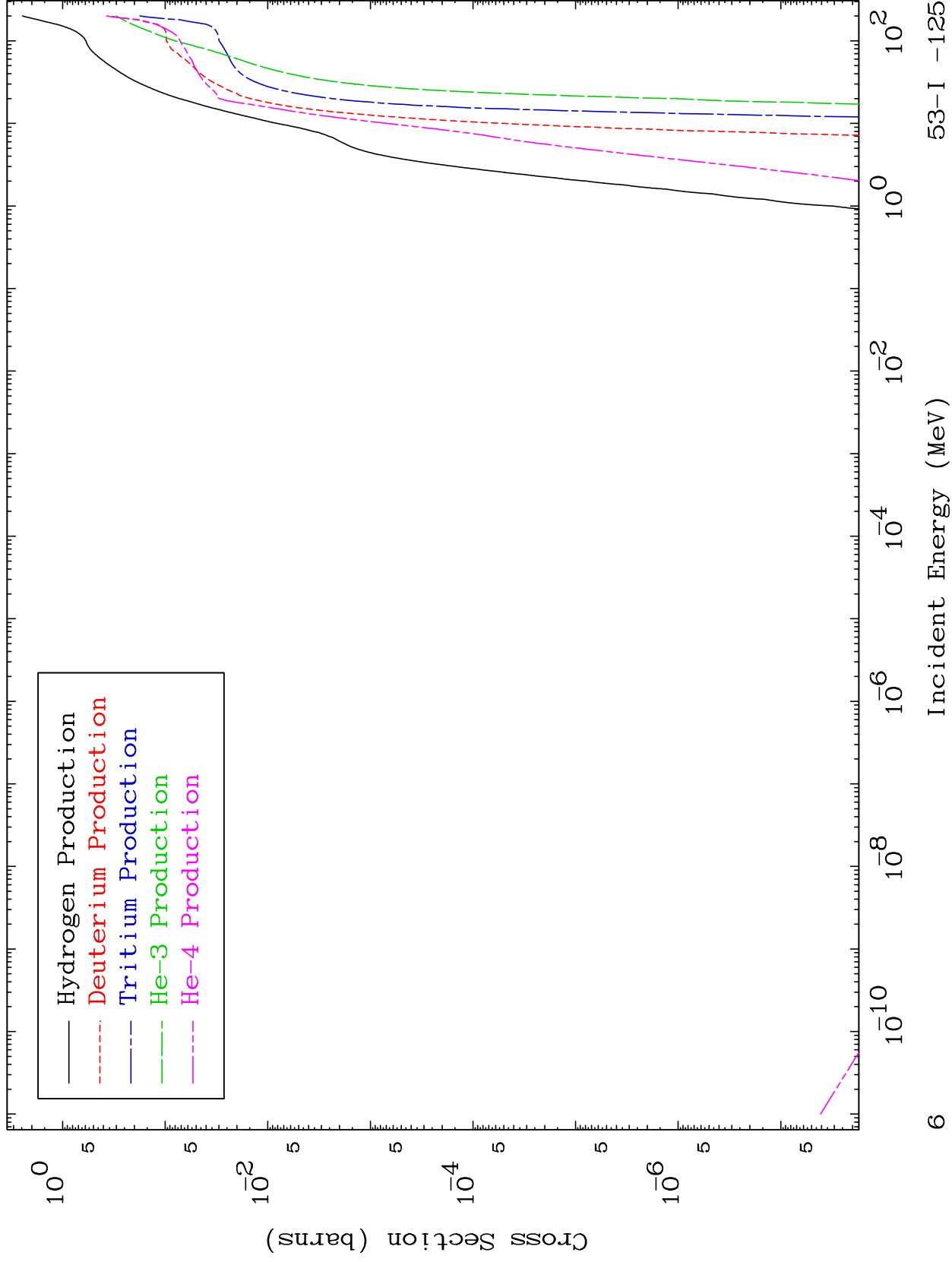
Incident Energy (MeV)

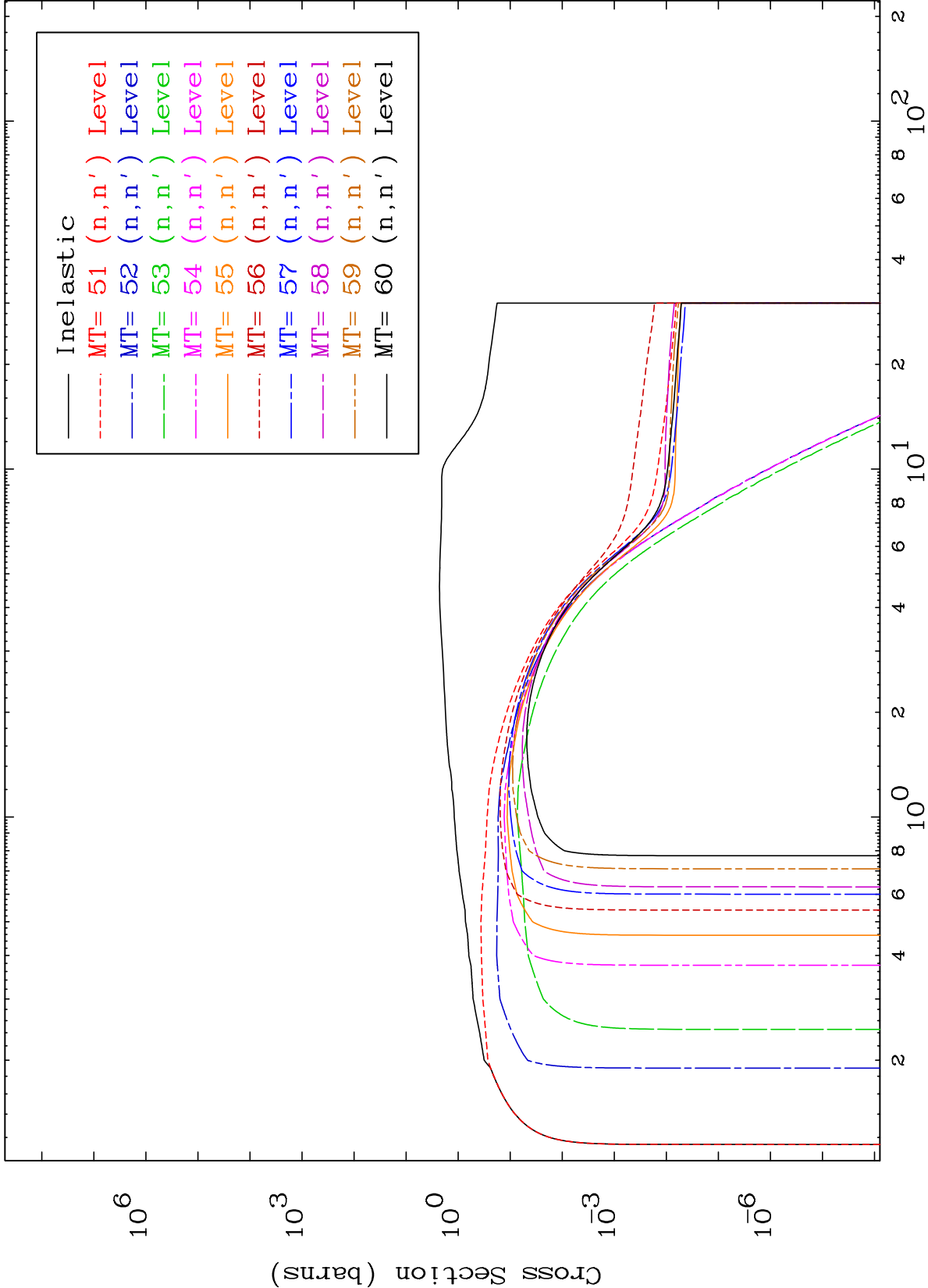
53-I -125

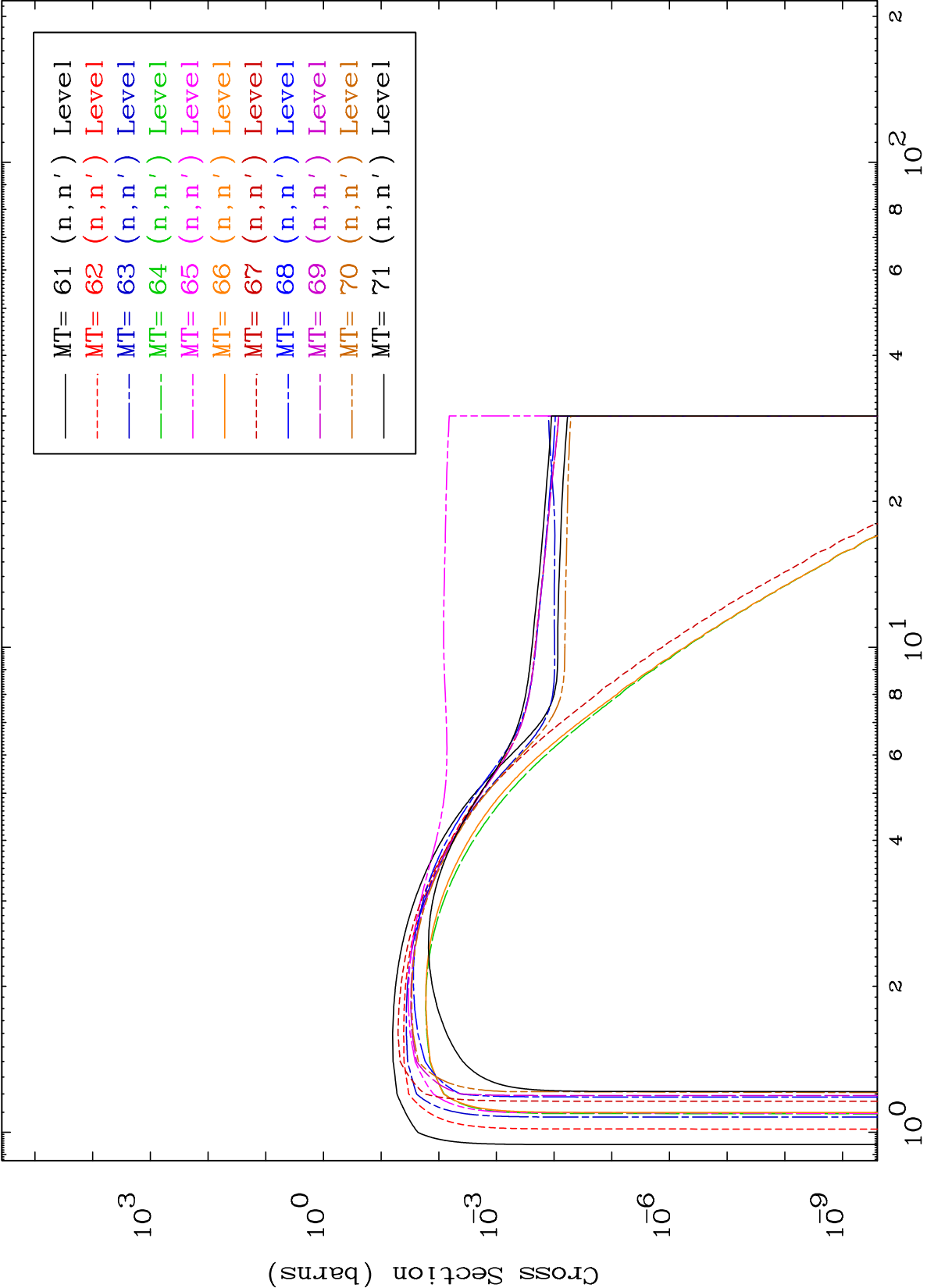


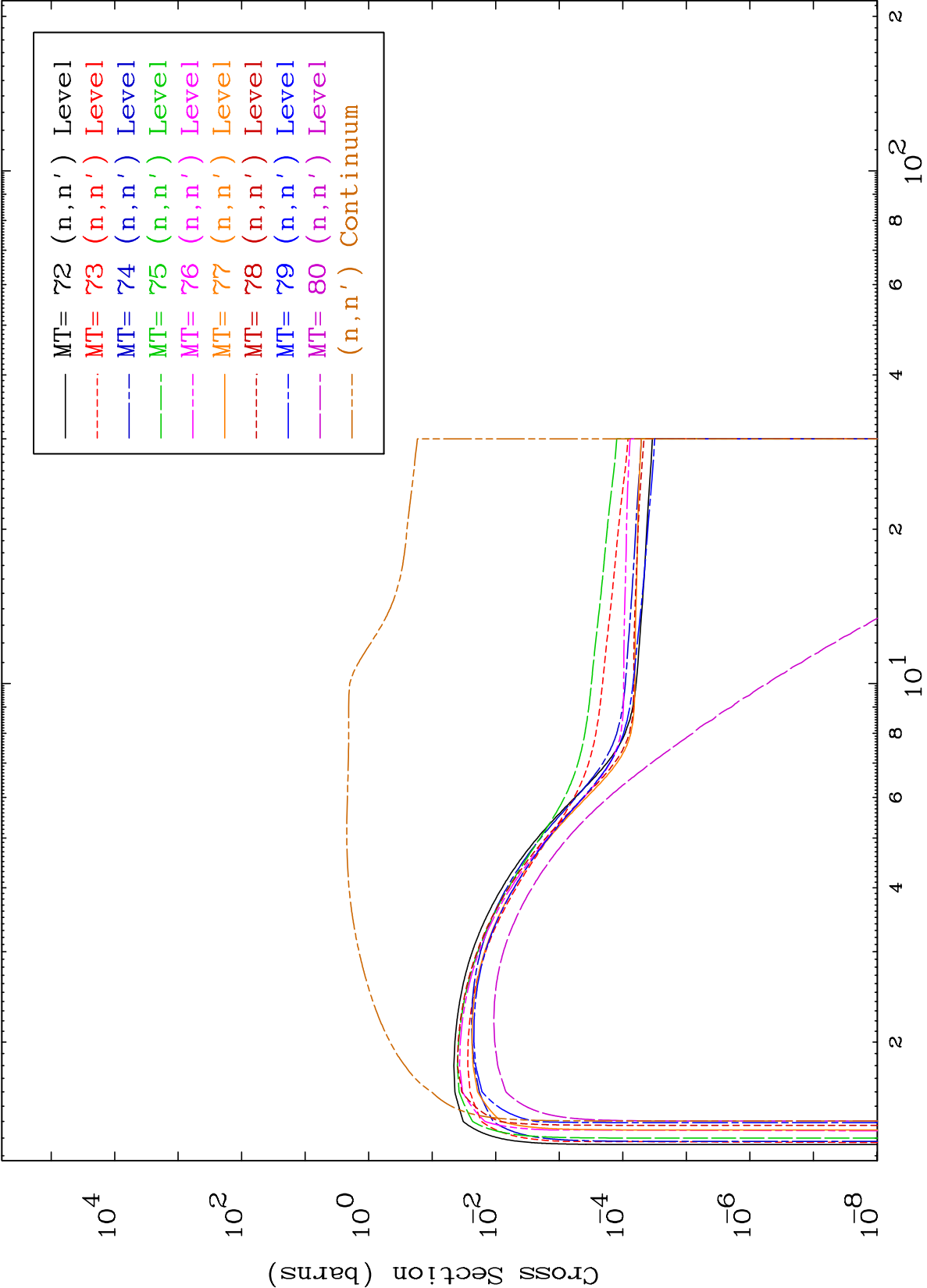








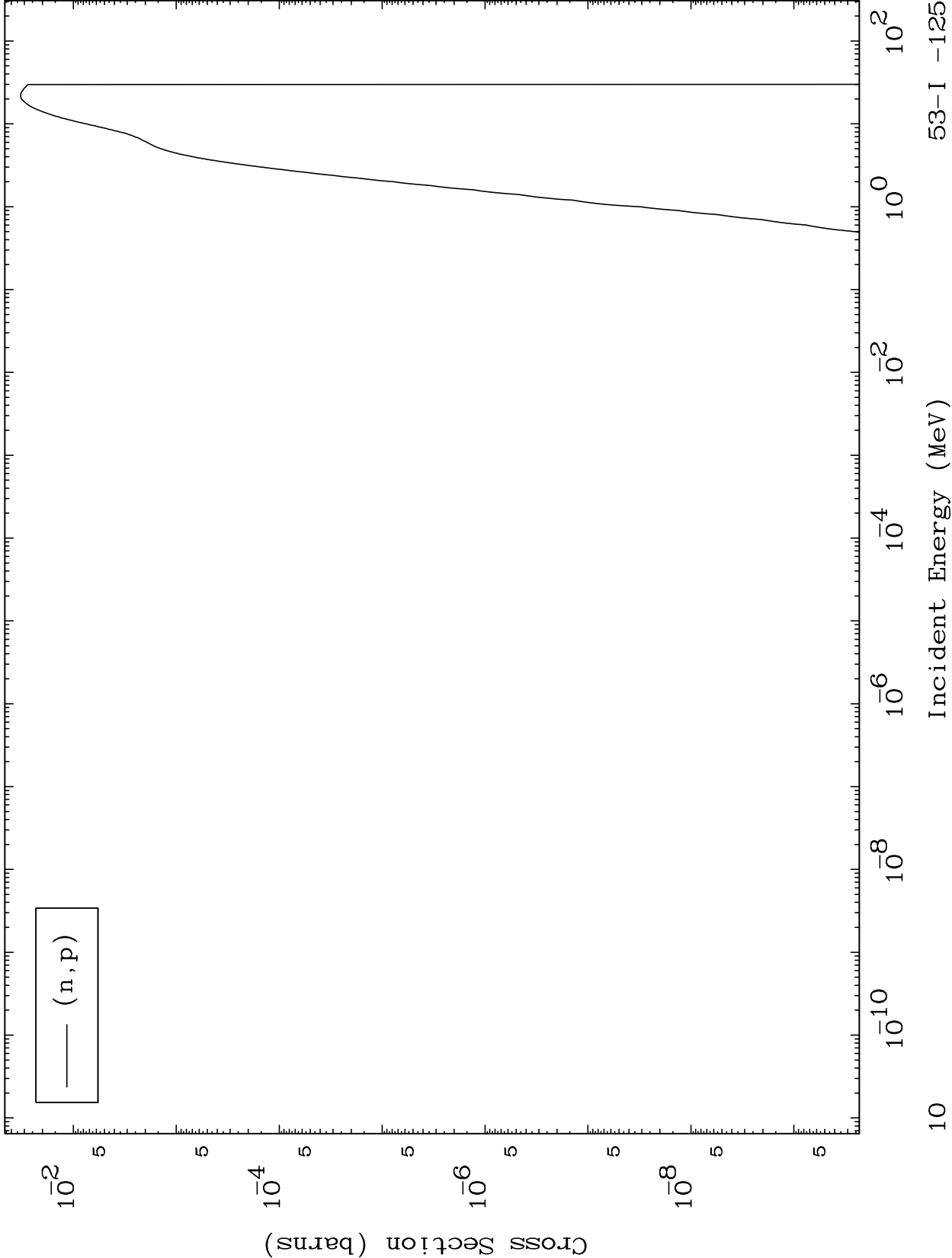




MAT 5319

(n,p) Levels
293 Kelvin Cross Sections

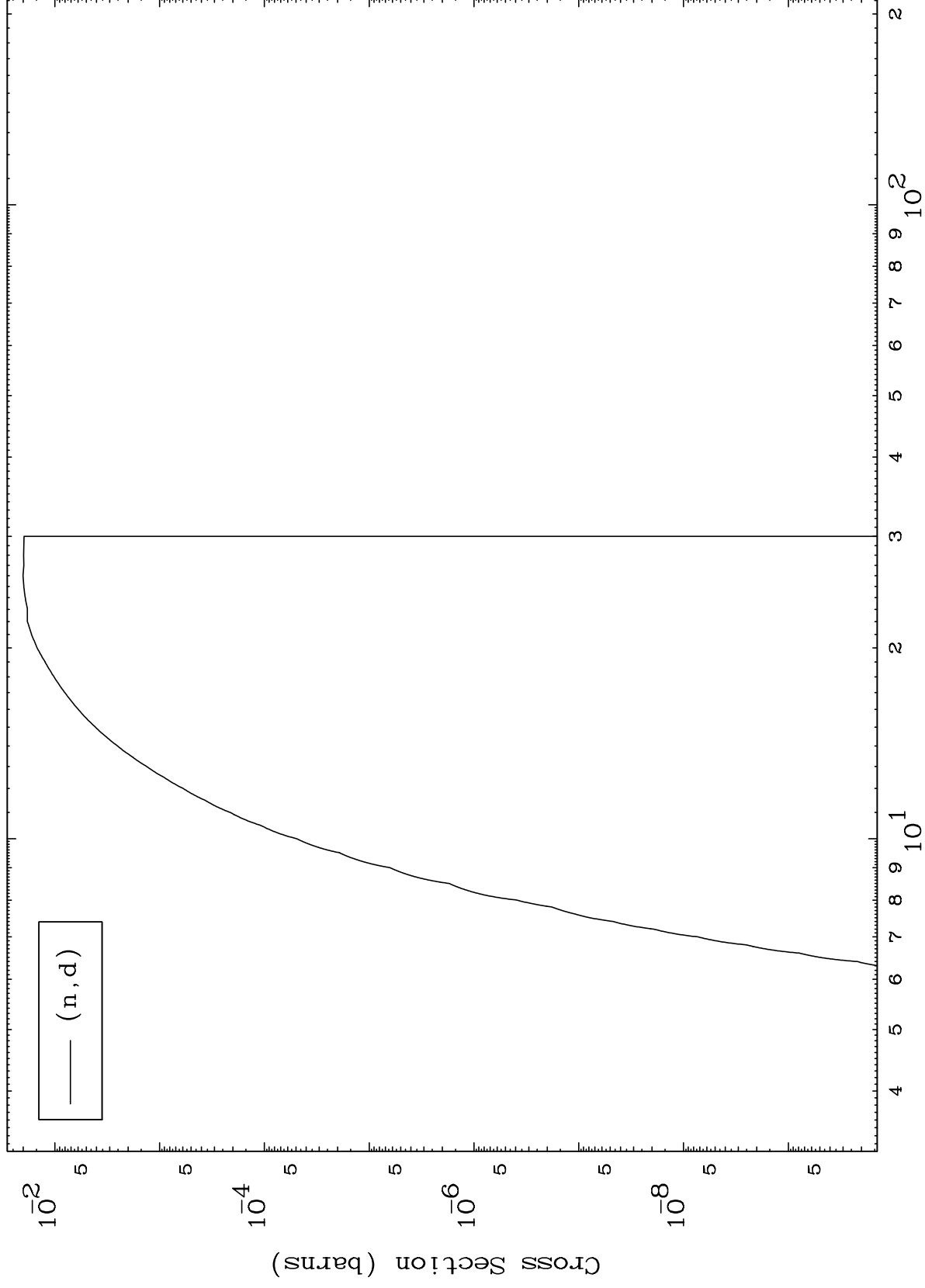
53-I -125



MAT 5319

(n,d) Levels
293 Kelvin Cross Sections

53-I -125



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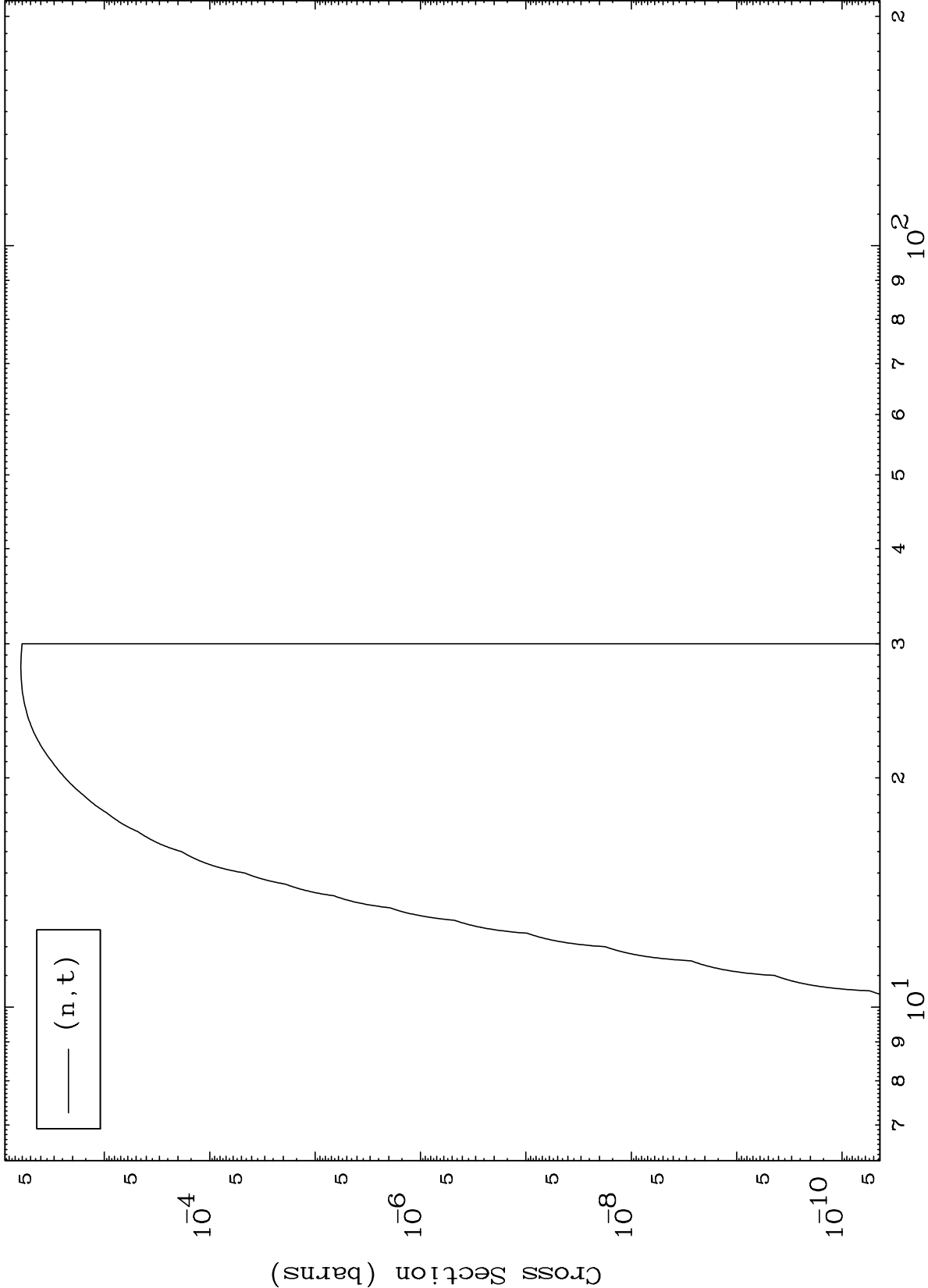
Incident Energy (MeV)

53-I -125

MAT 5319

(n,t) Levels
293 Kelvin Cross Sections

53-I -125



12

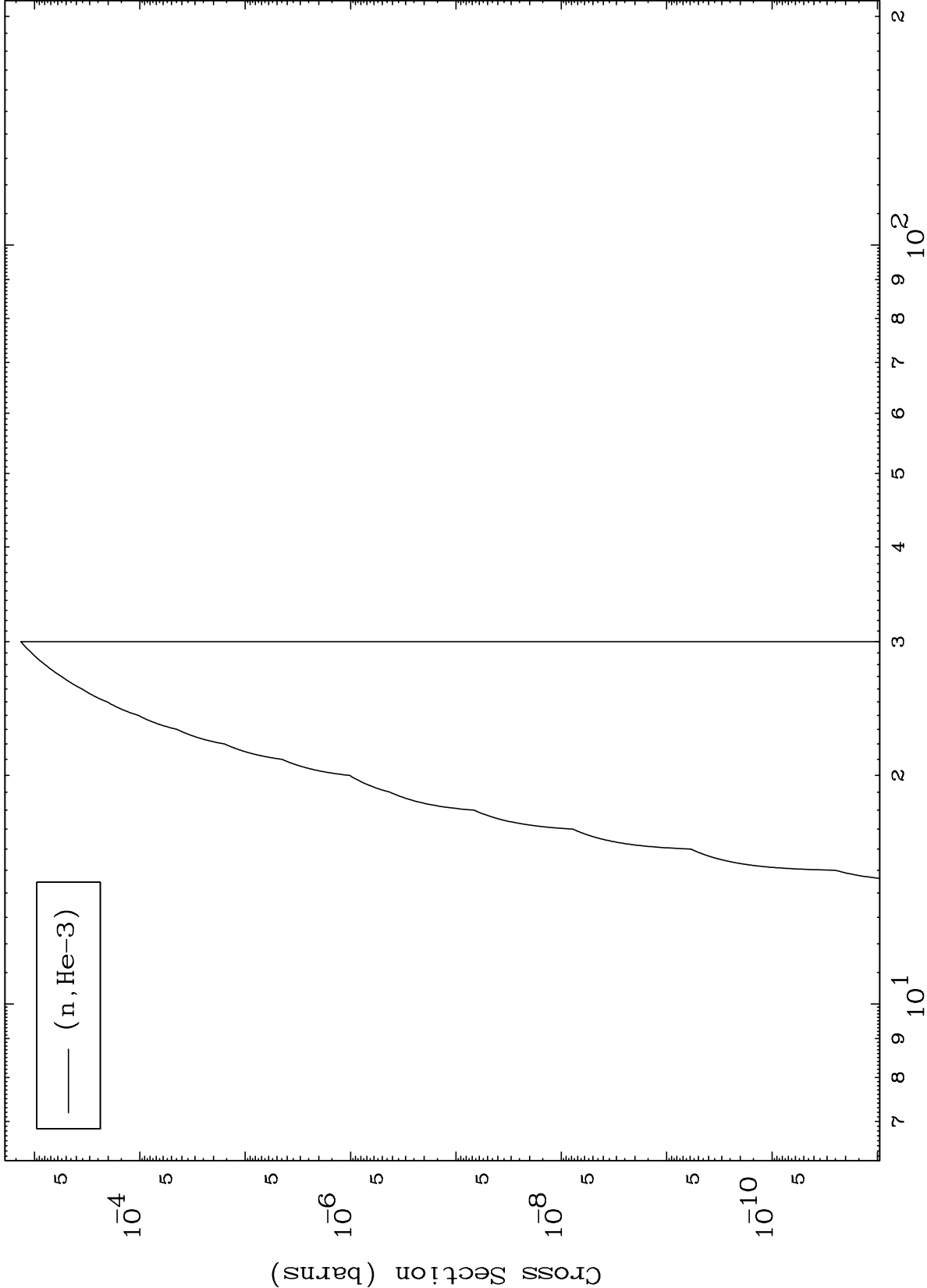
Incident Energy (MeV)

53-I -125

MAT 5319

(n,He3) Levels
293 Kelvin Cross Sections

53-I -125



13

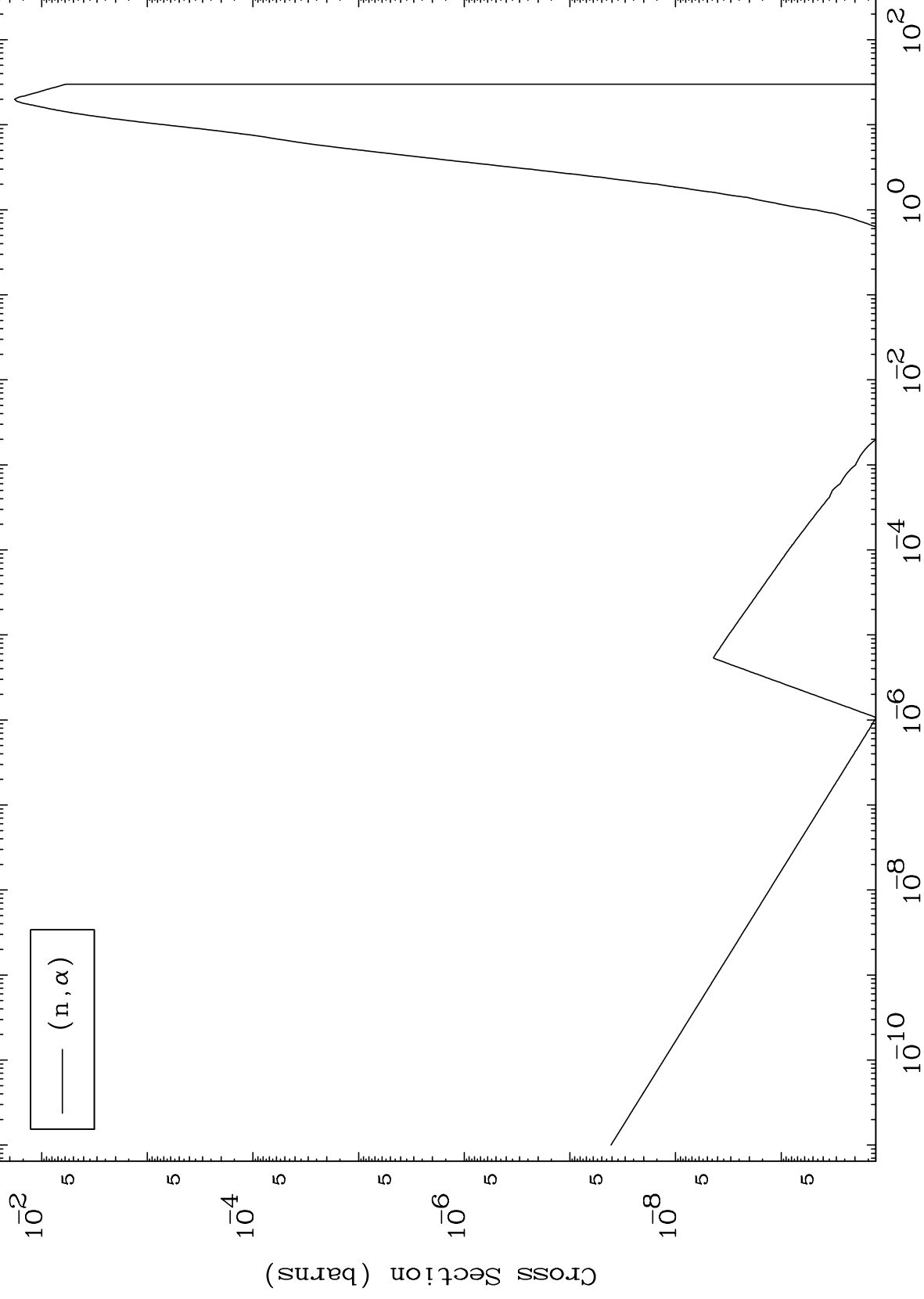
Incident Energy (MeV)

53-I -125

MAT 5319

(n, α) Levels
293 Kelvin Cross Sections

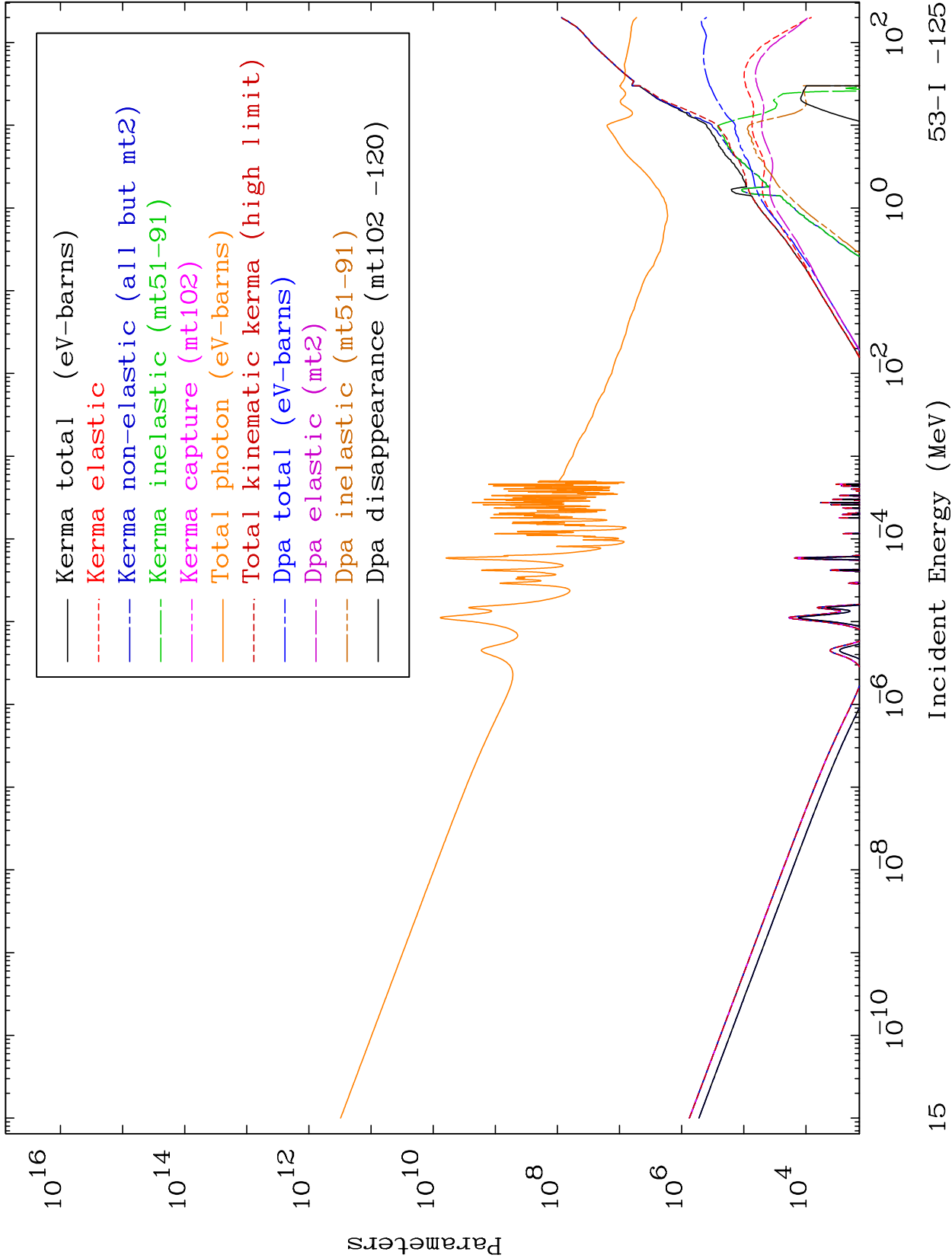
53-I -125

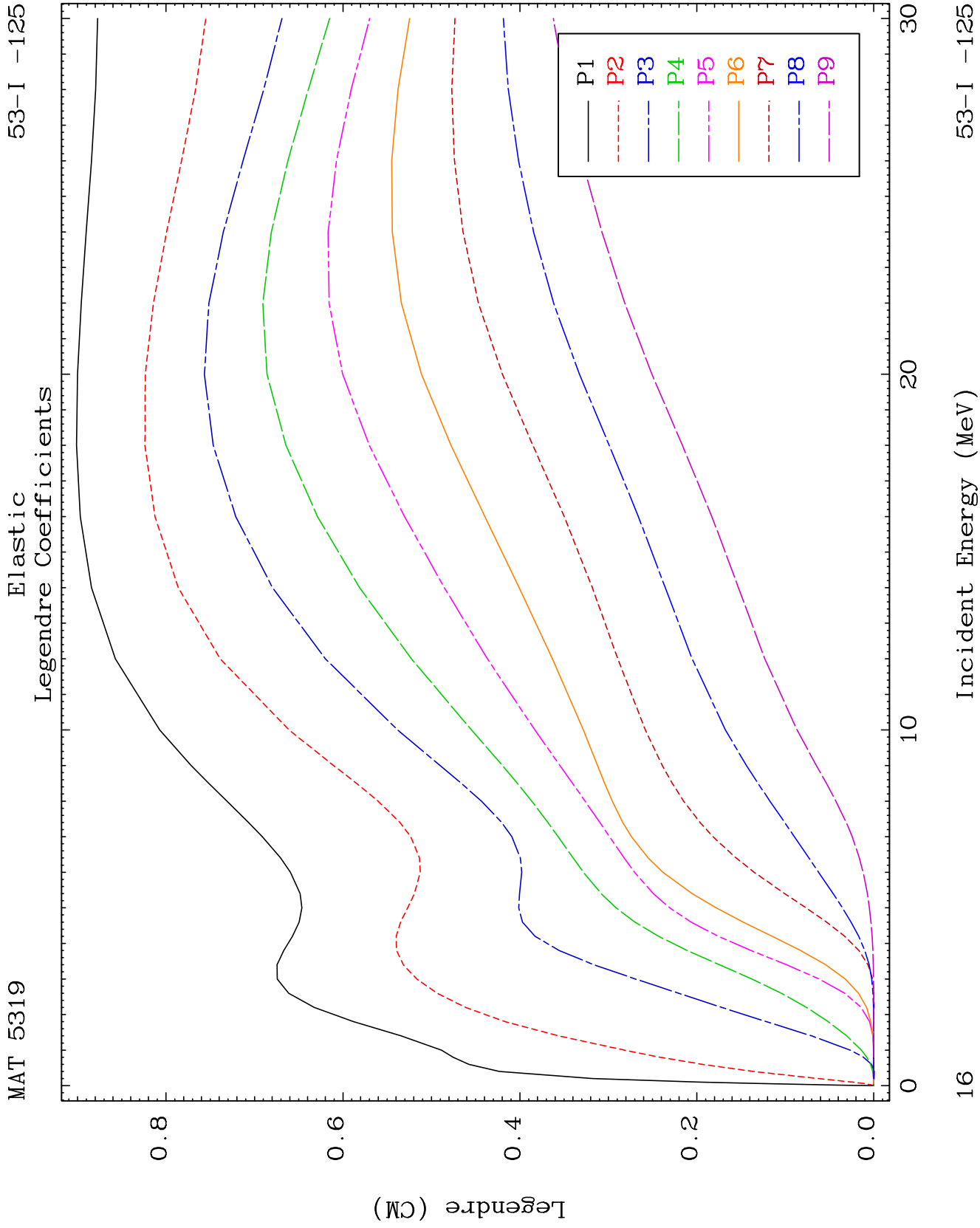


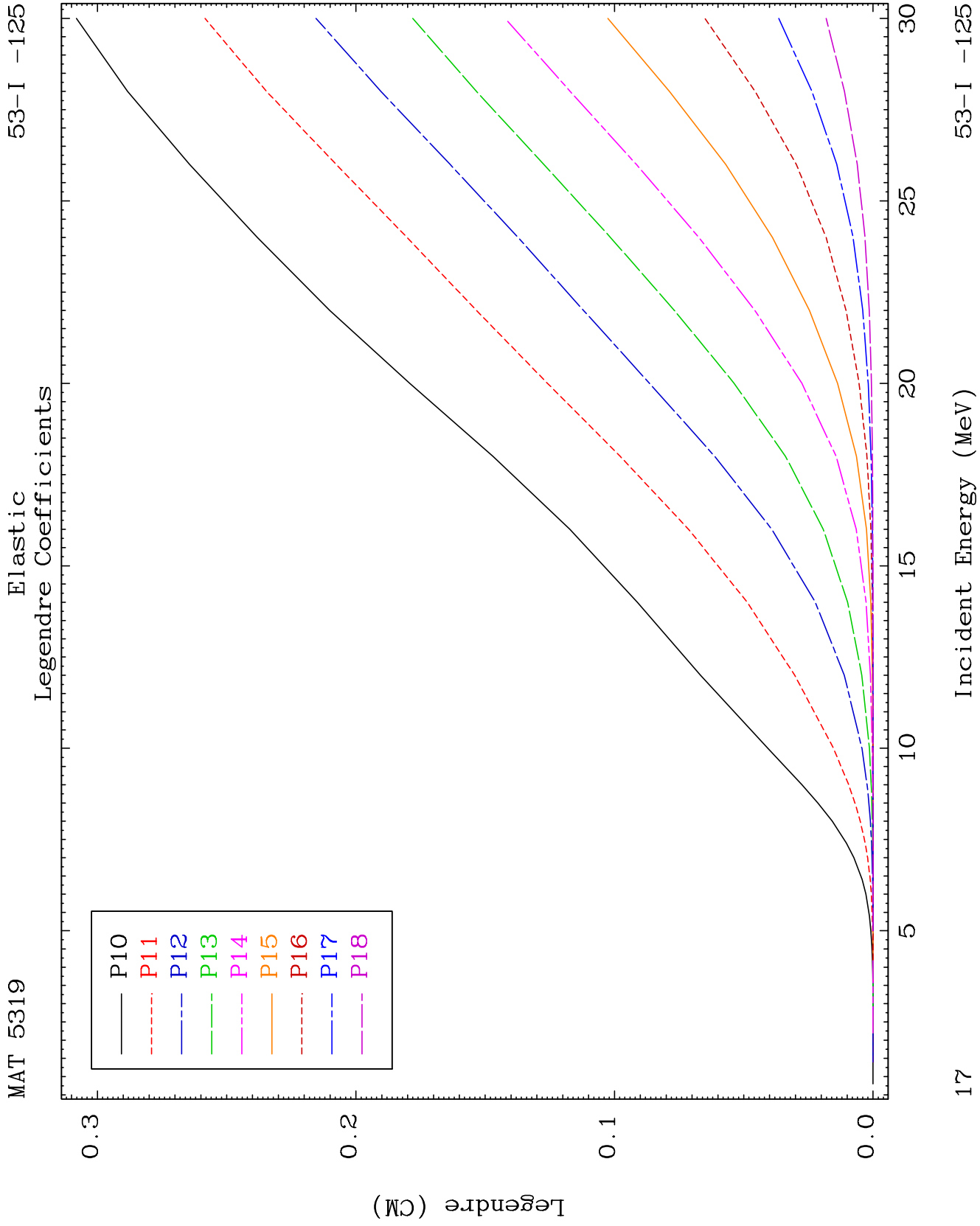
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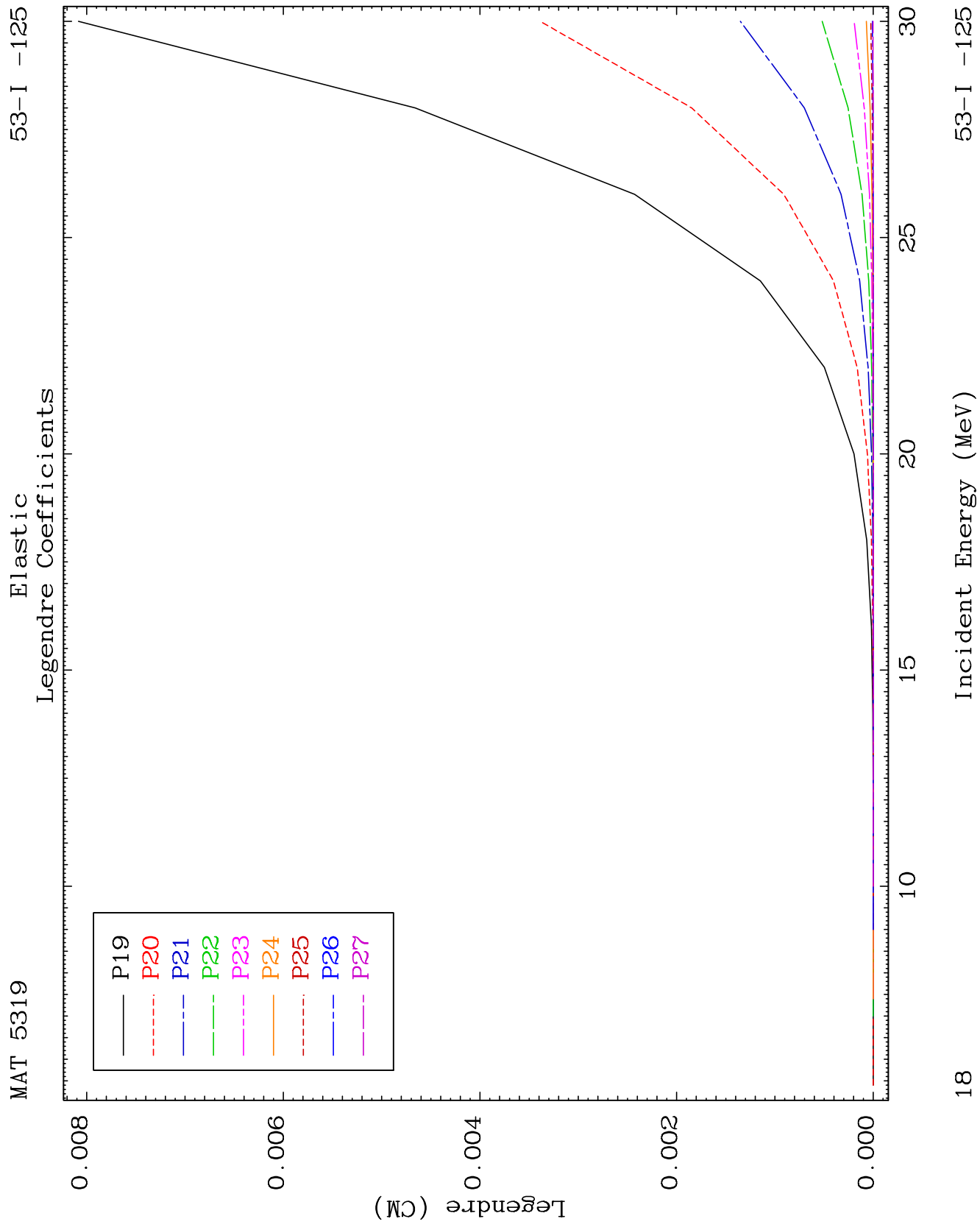
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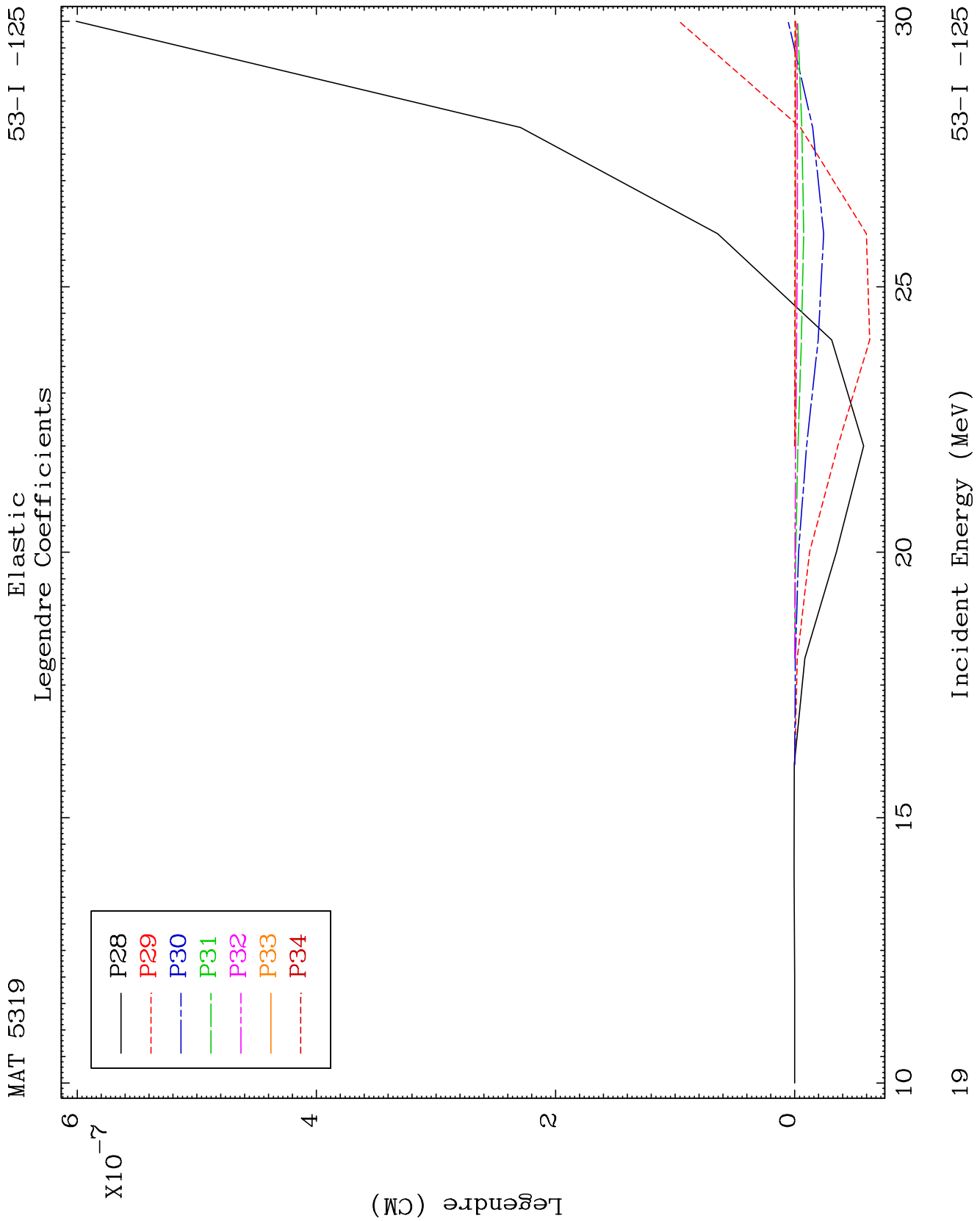
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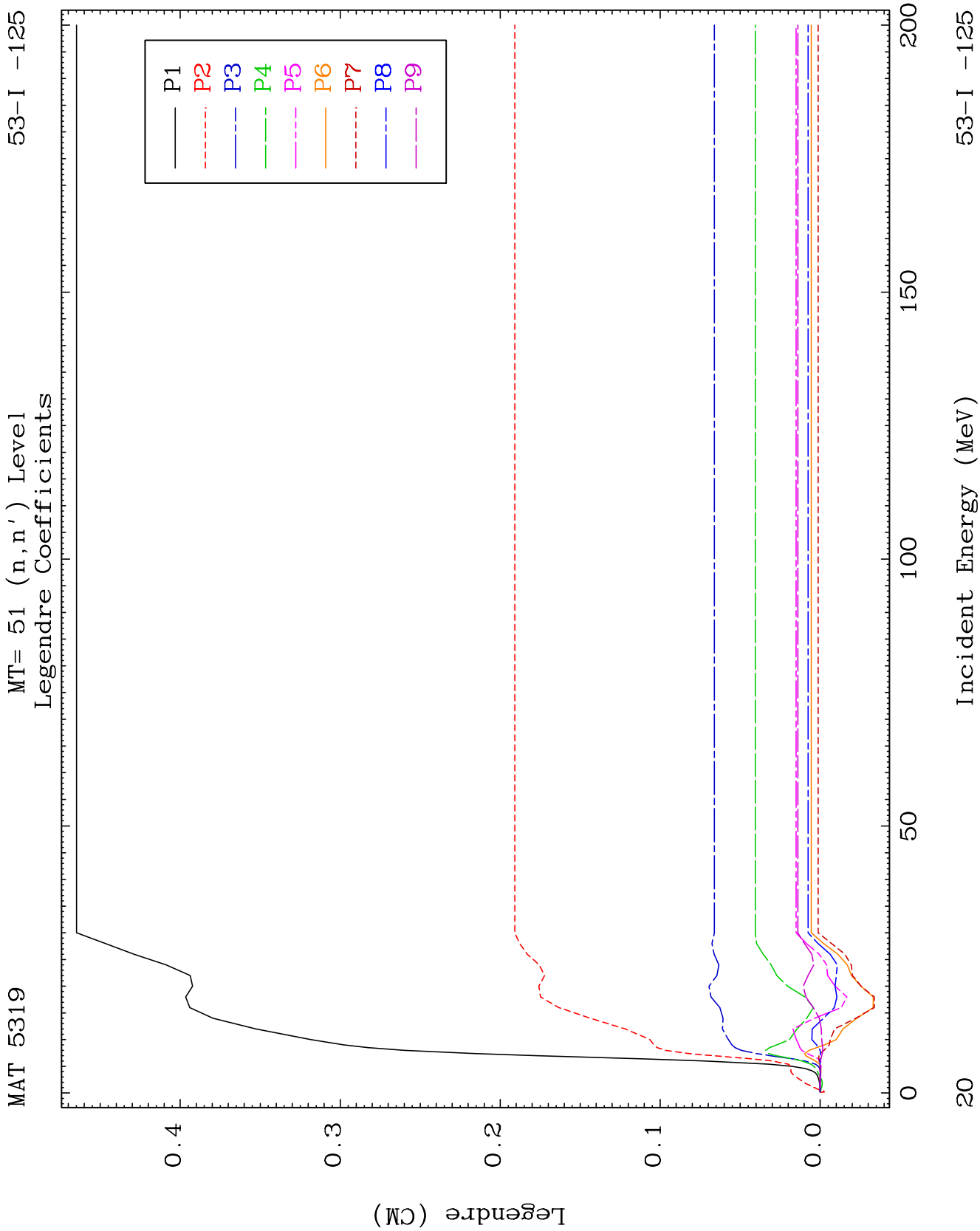


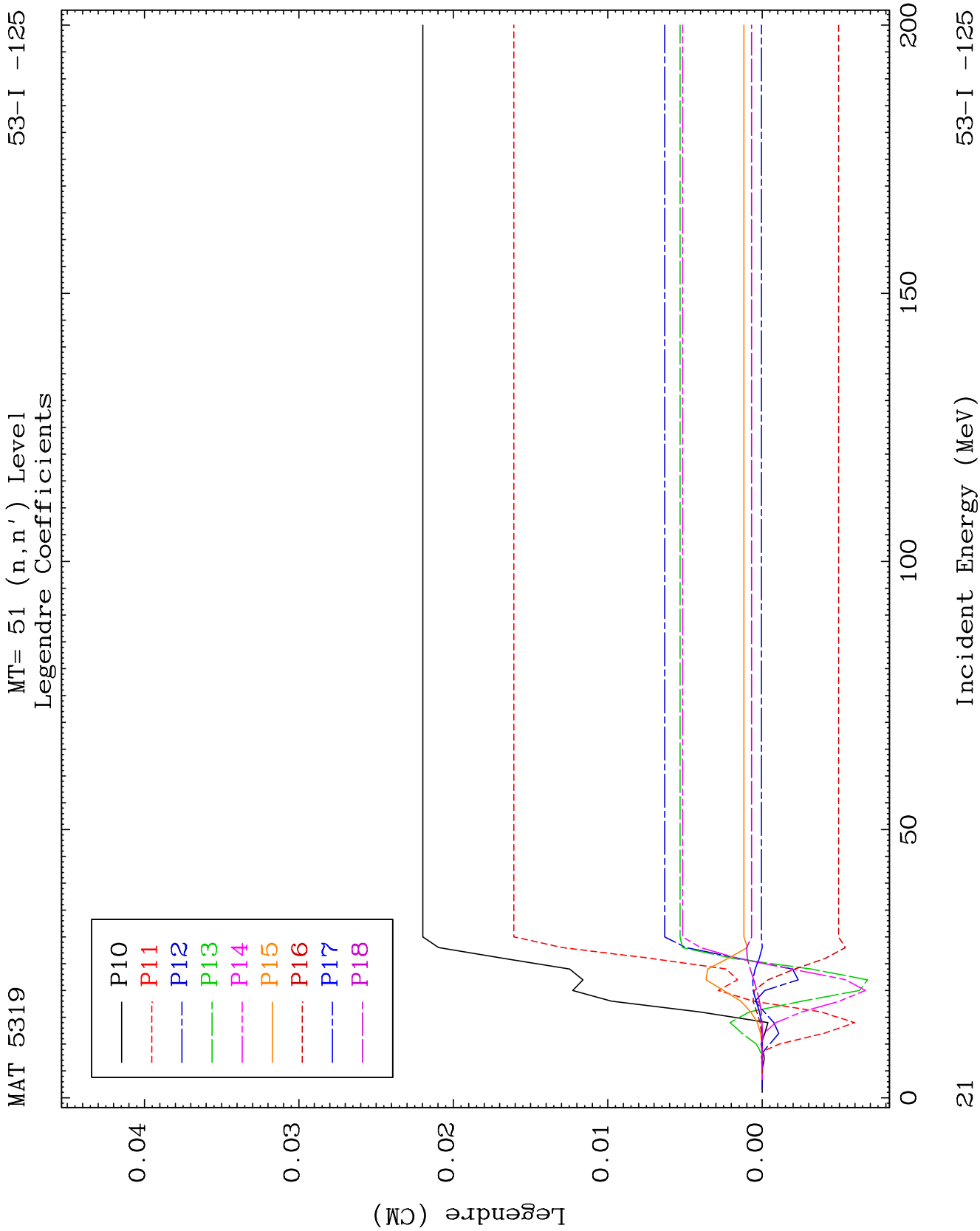








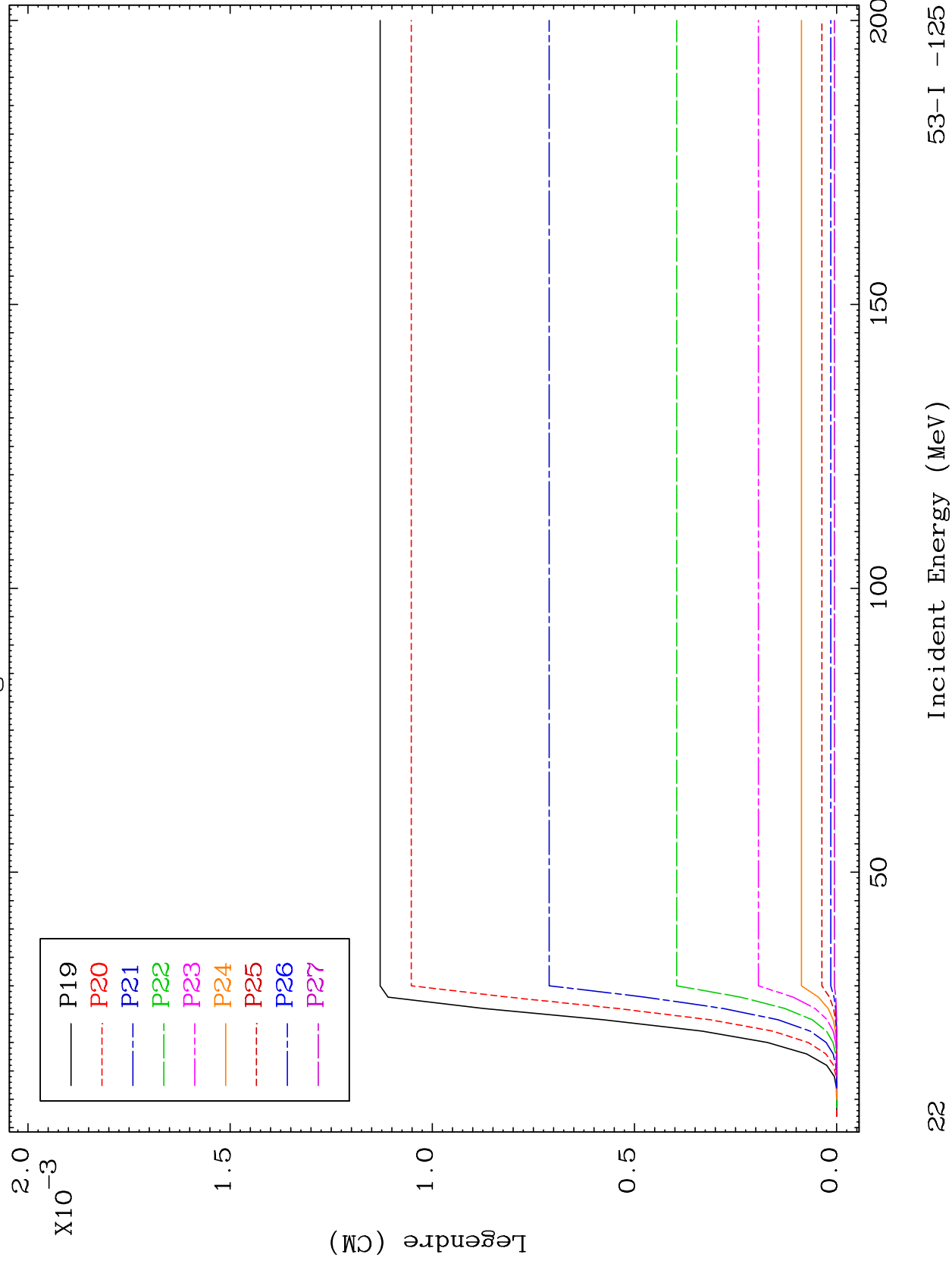


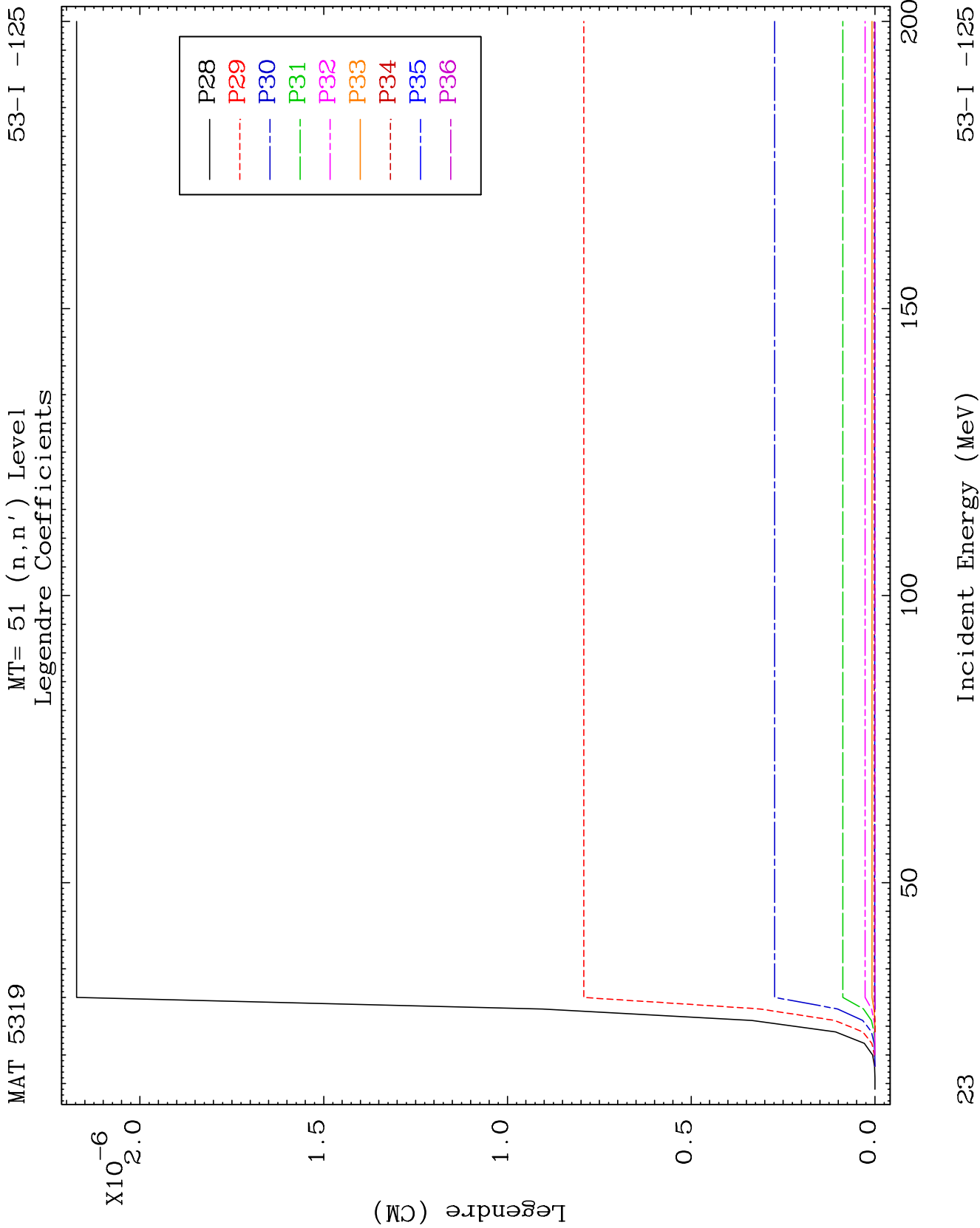


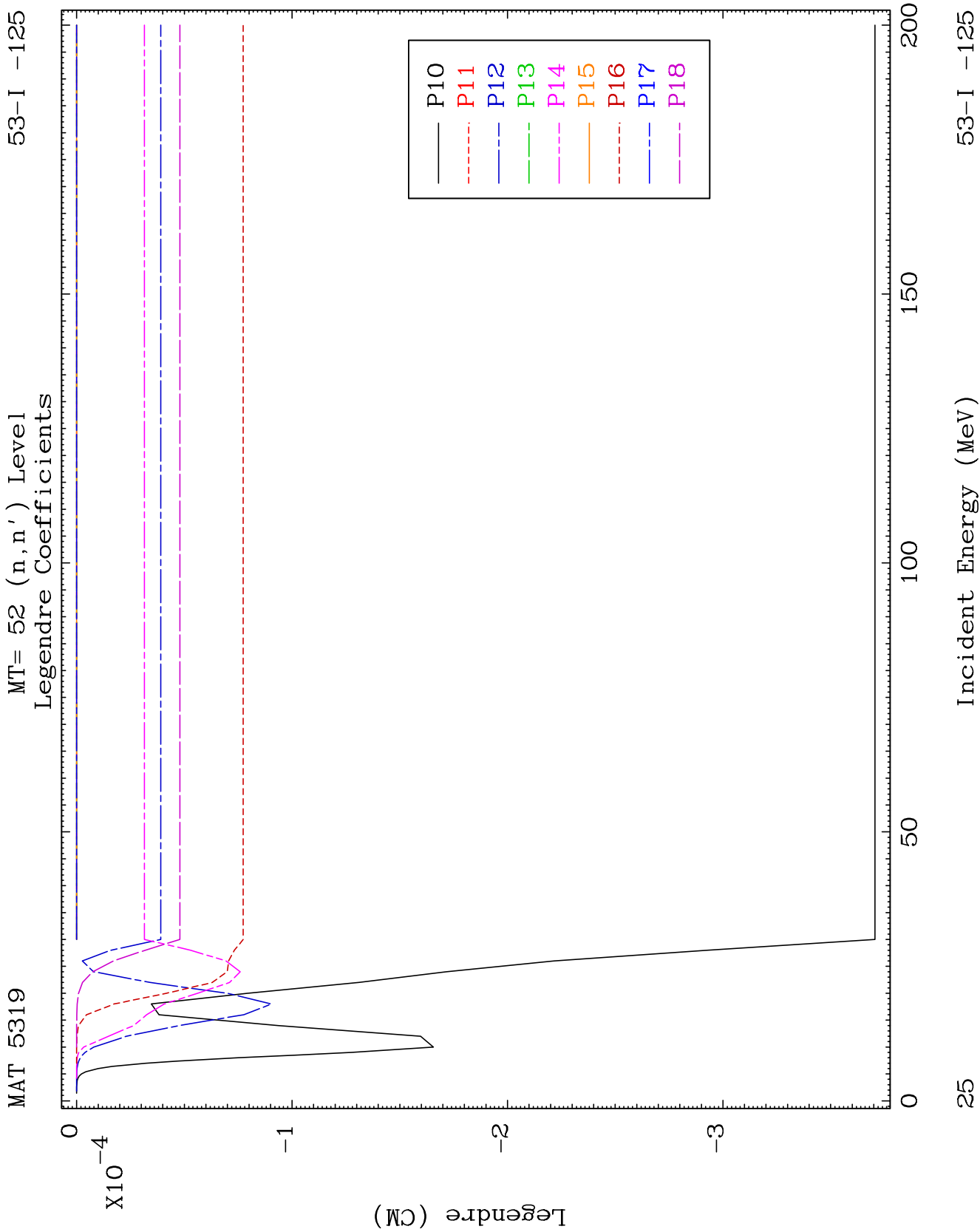
MAT 5319

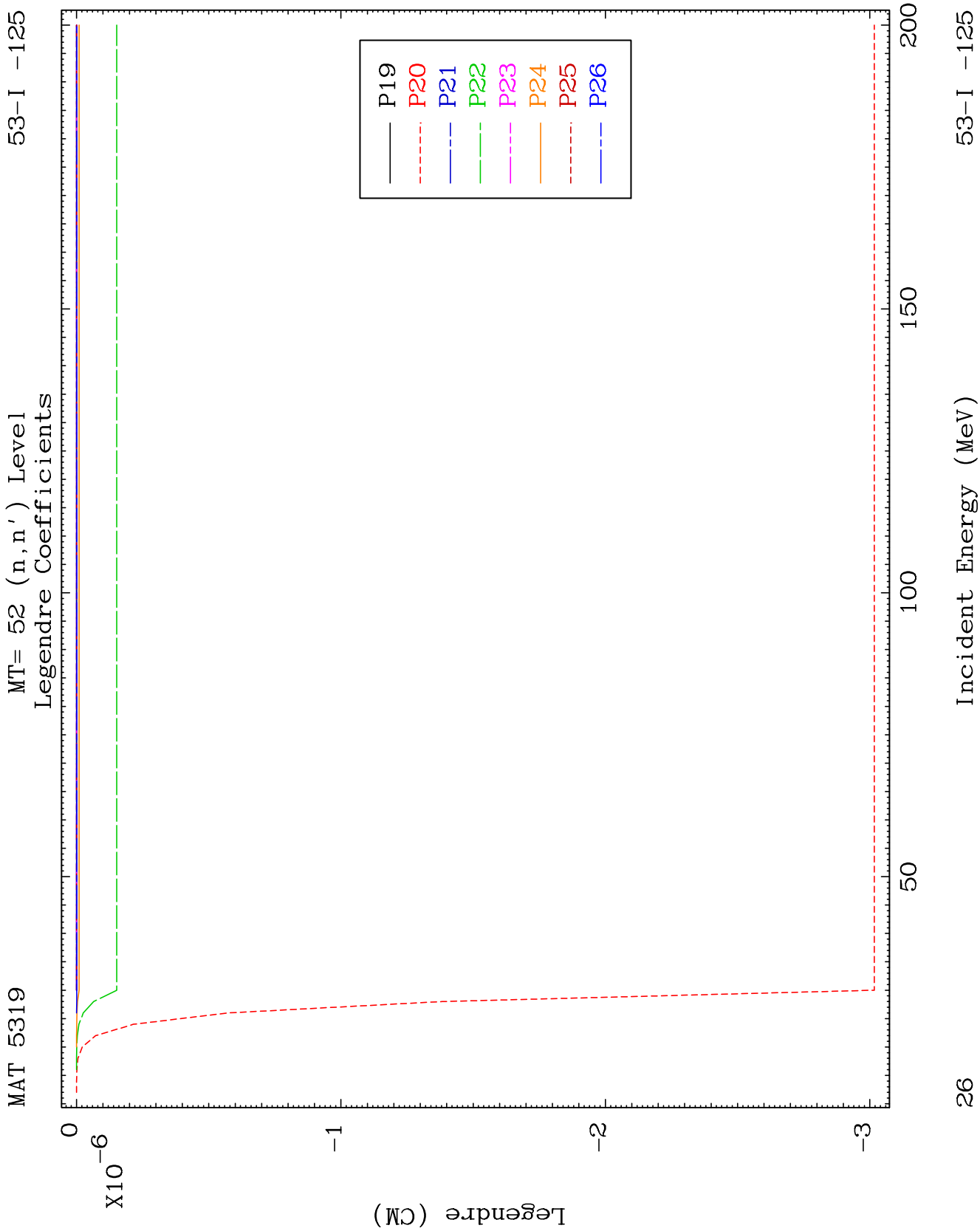
MT= 51 (n, n') Level
Legendre Coefficients

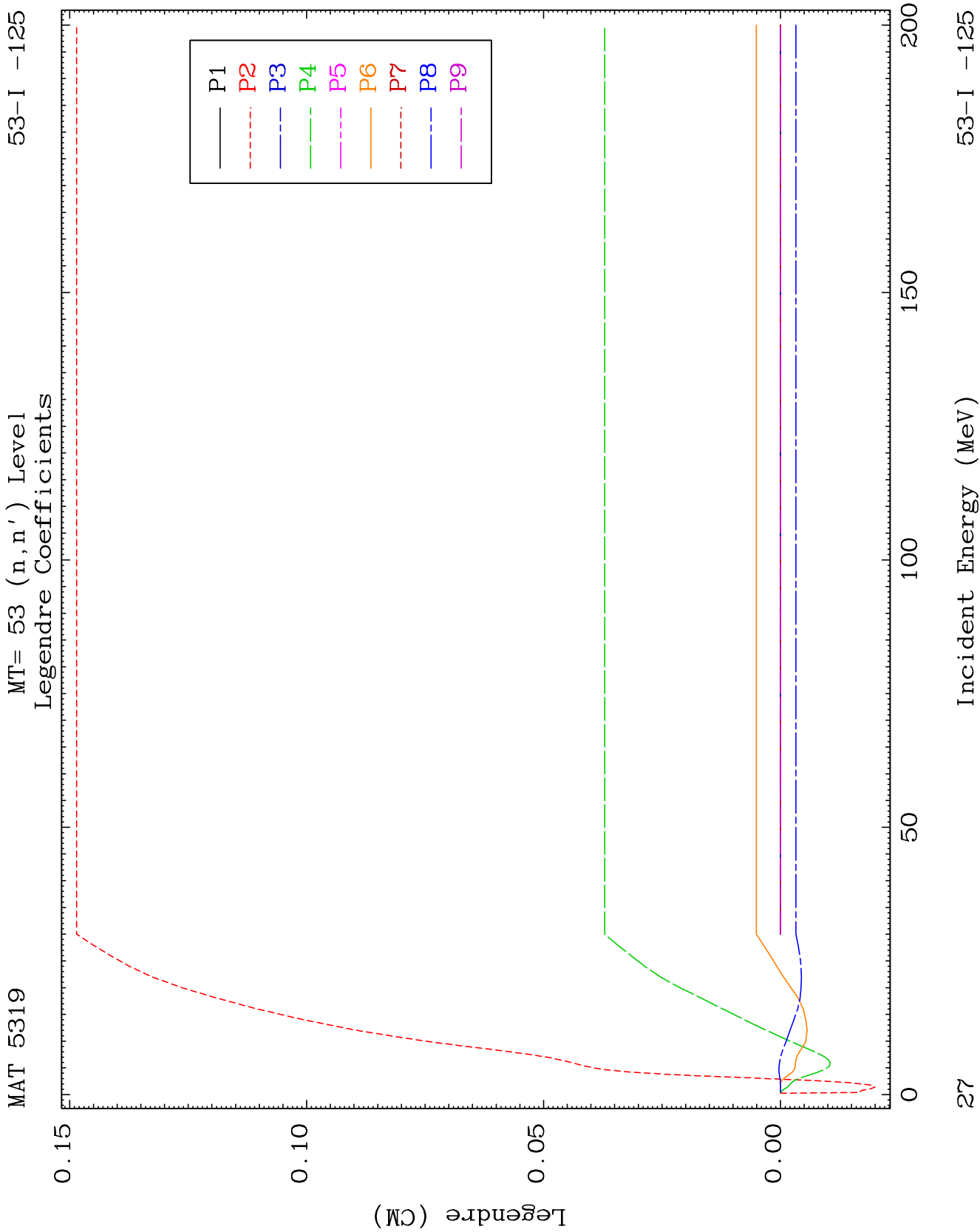
53-I -125

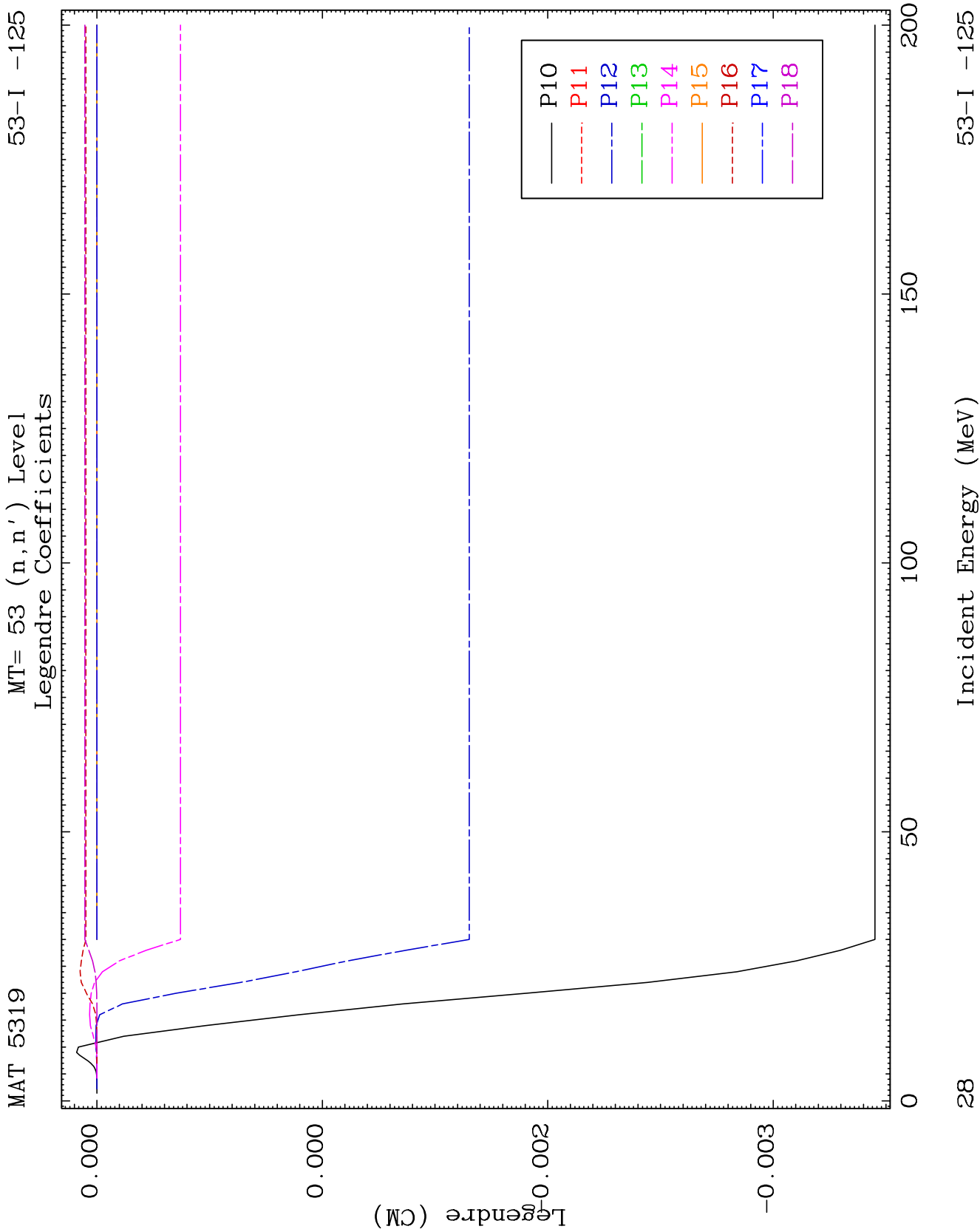


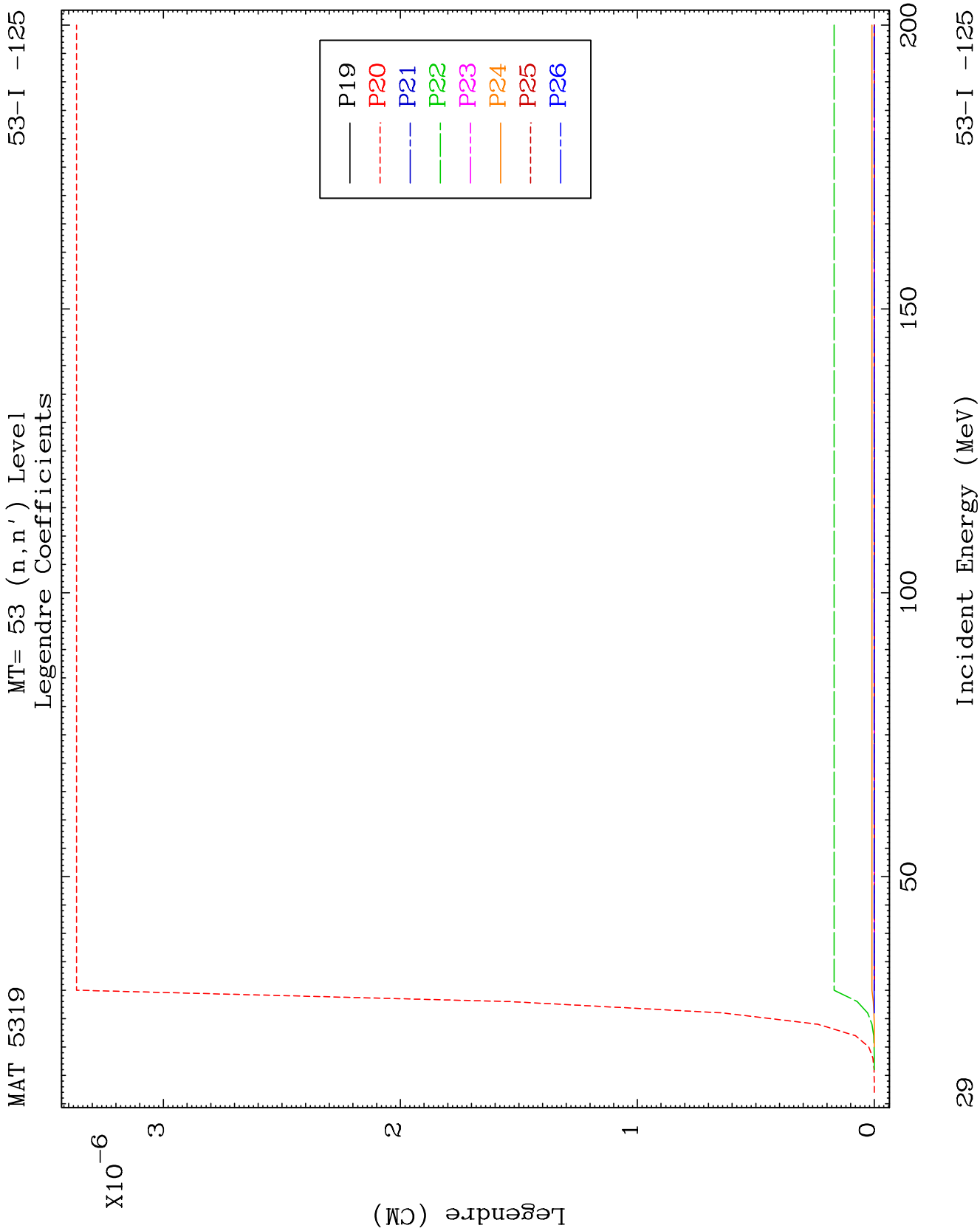


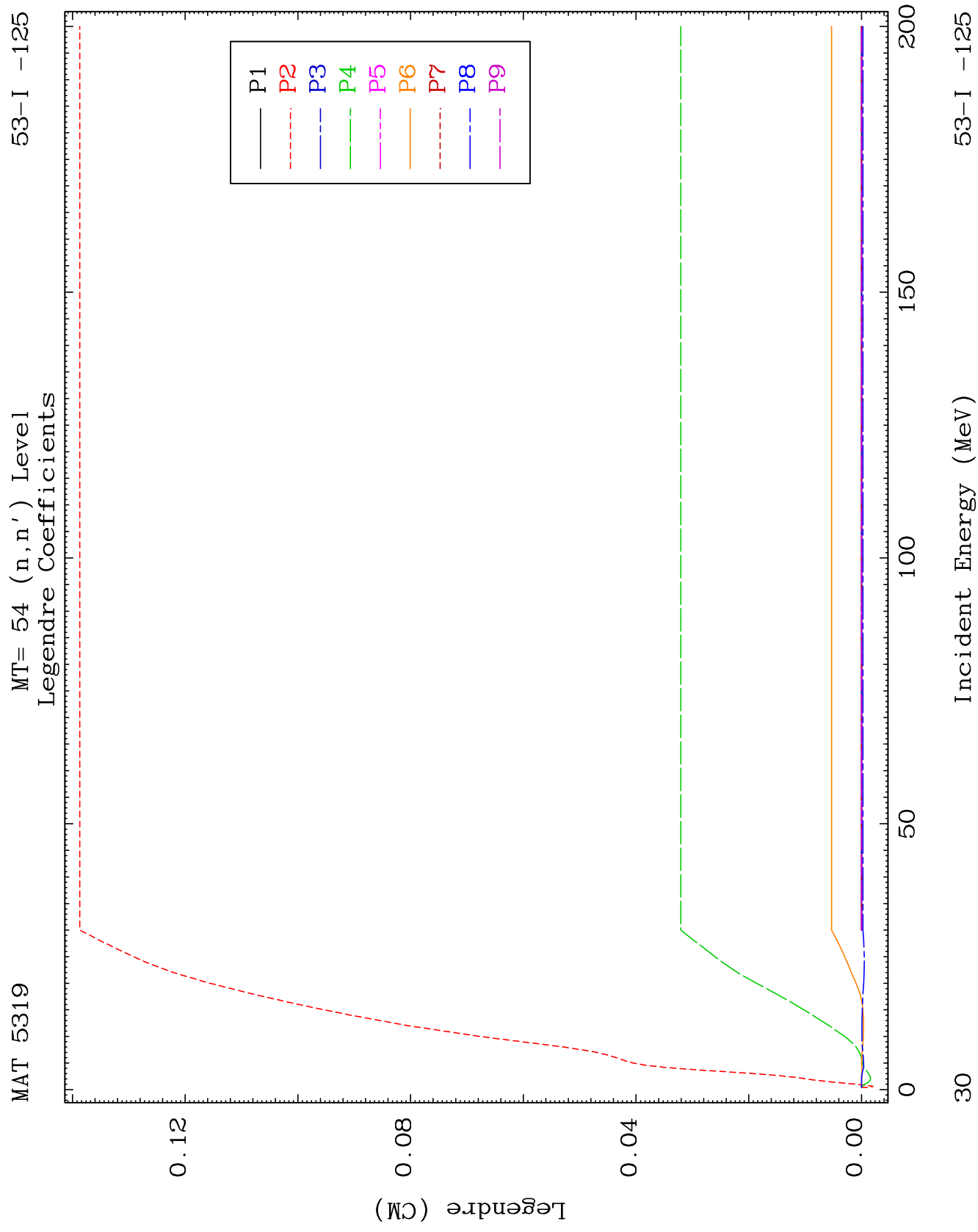


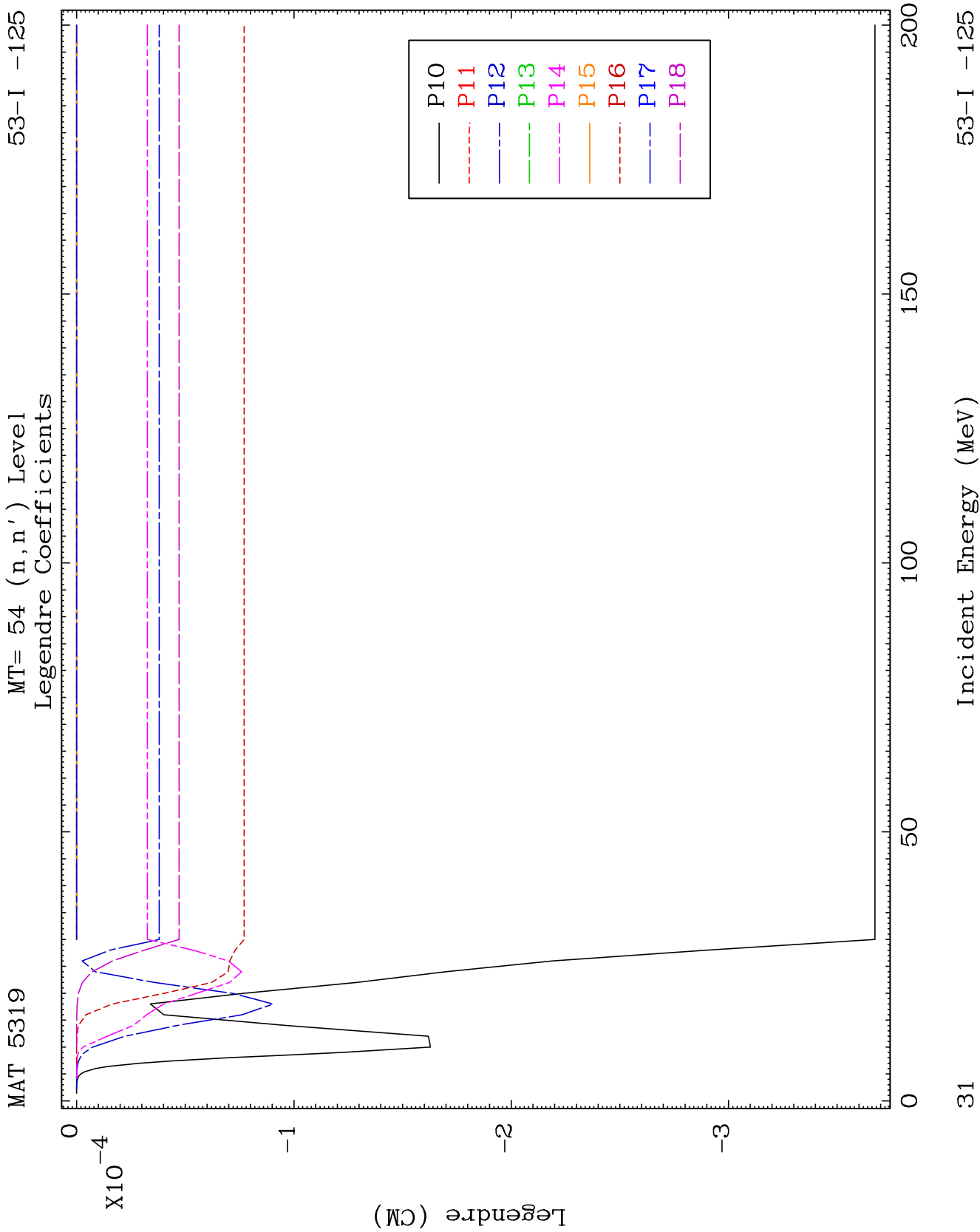


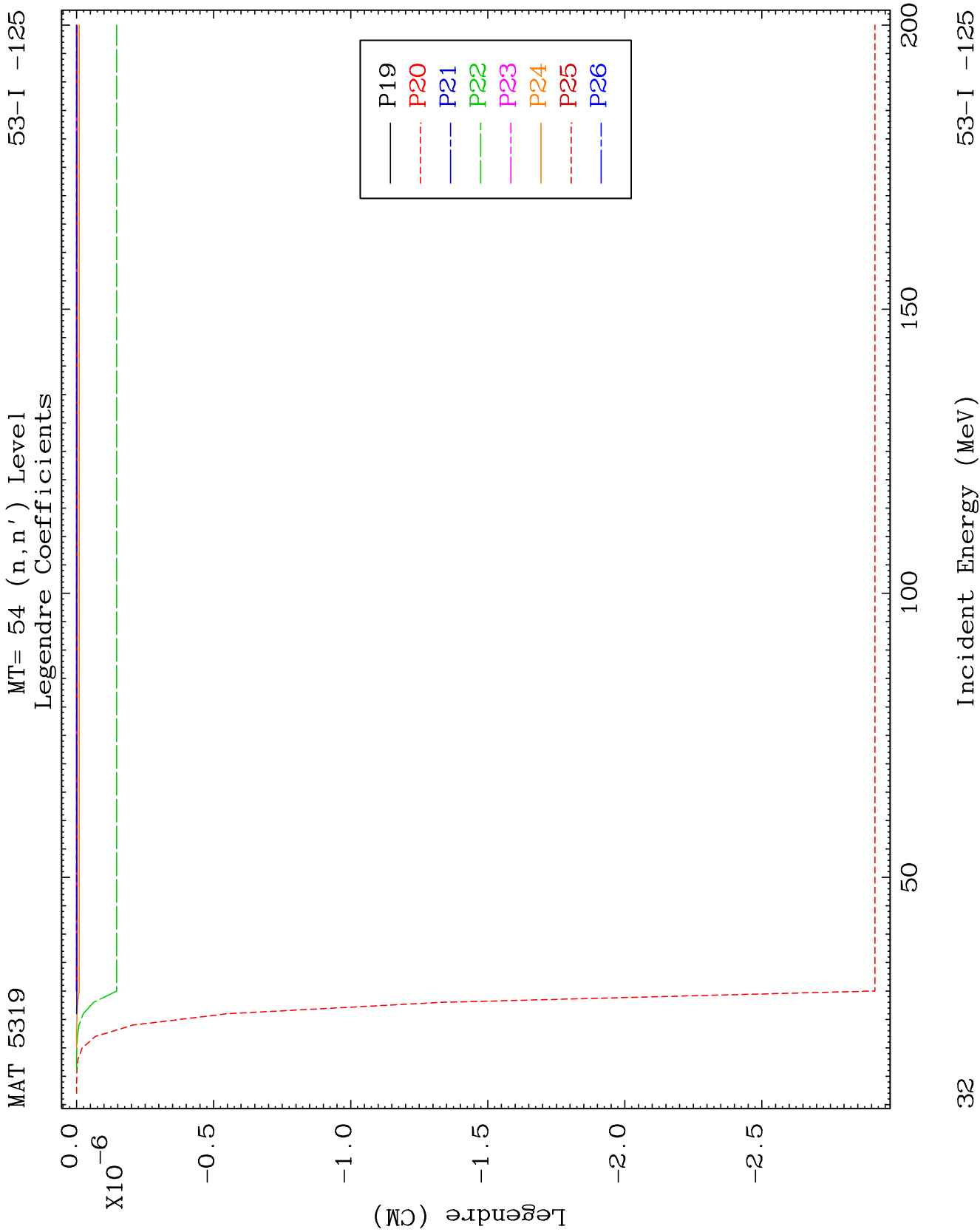


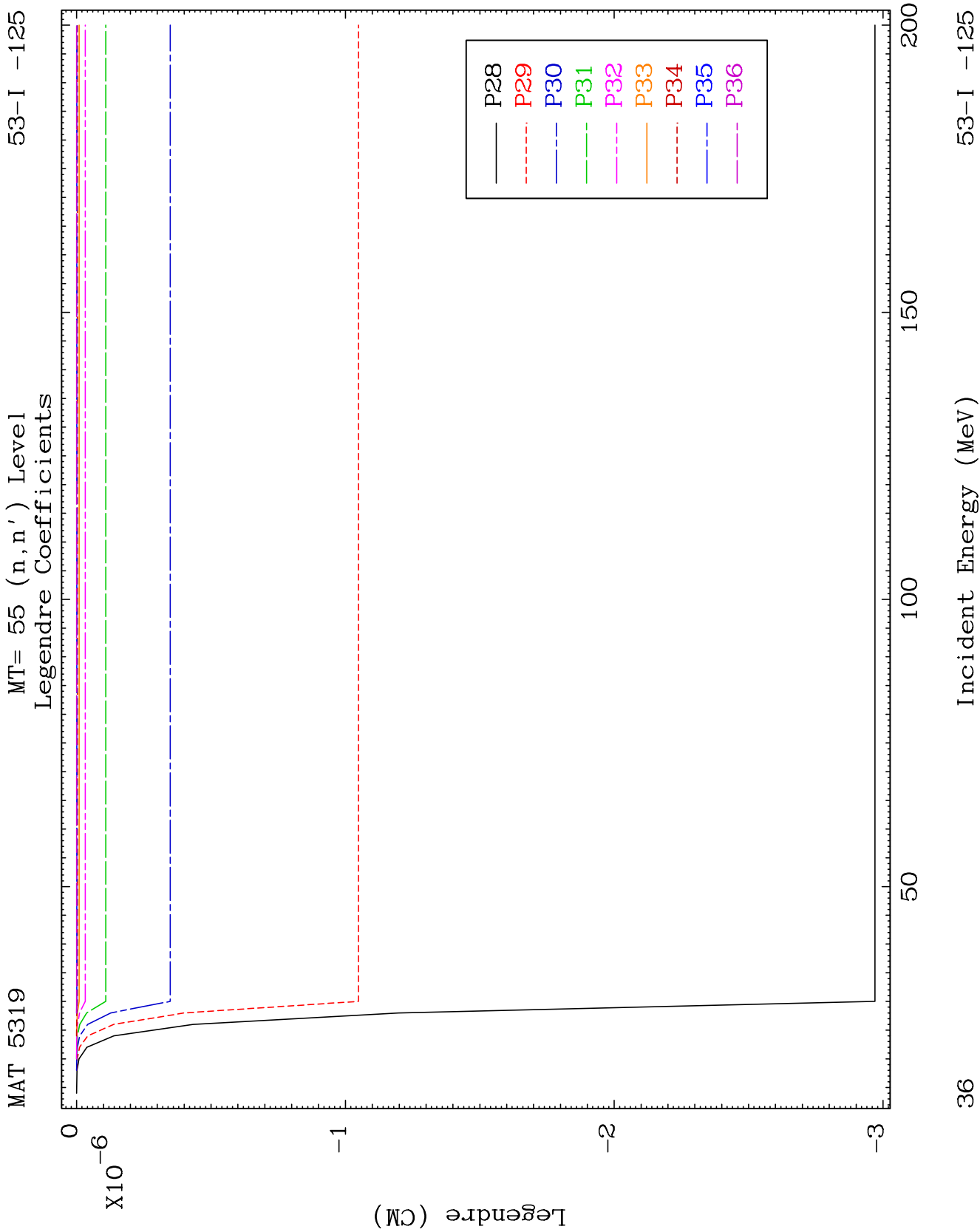








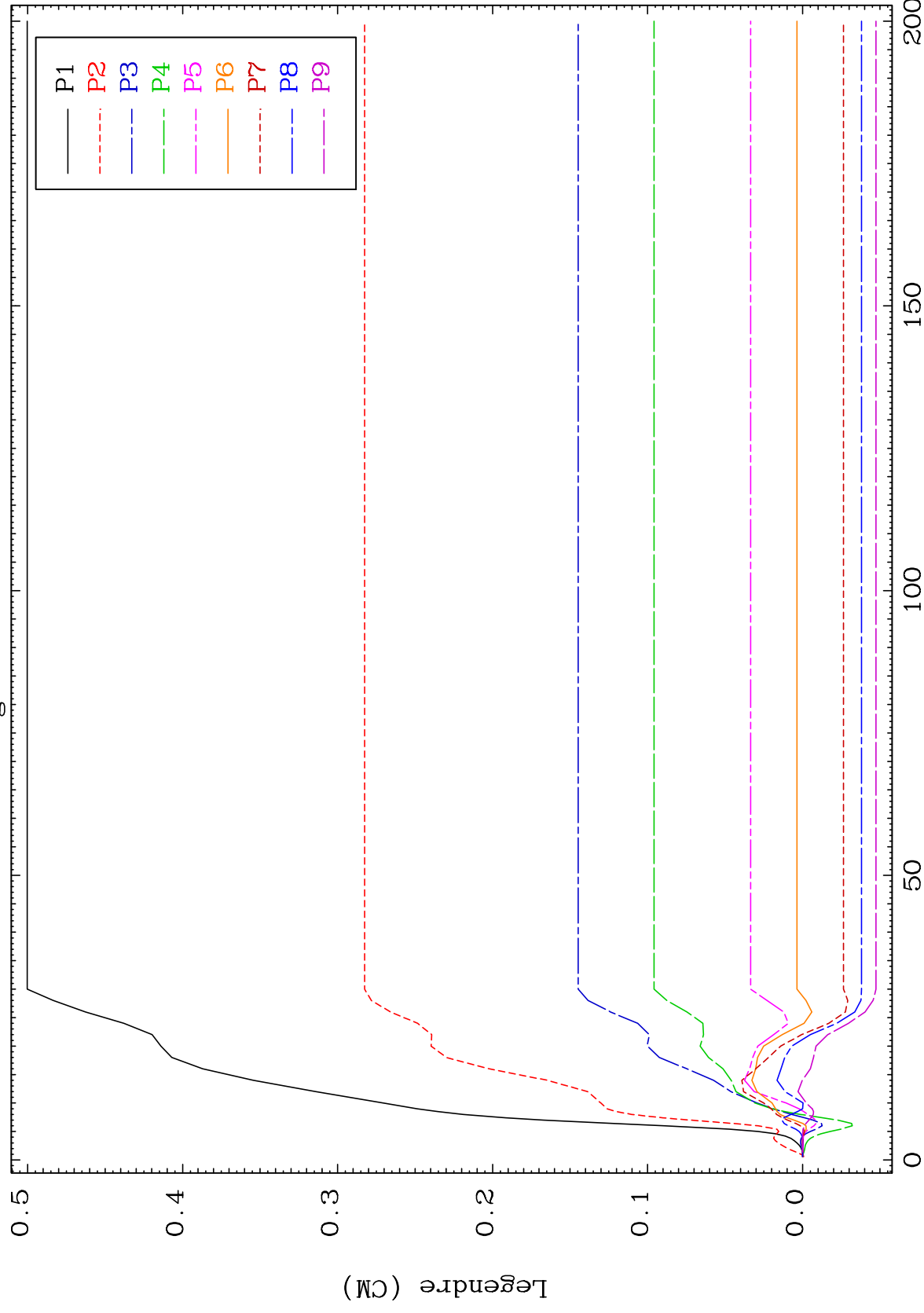




MAT 5319

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

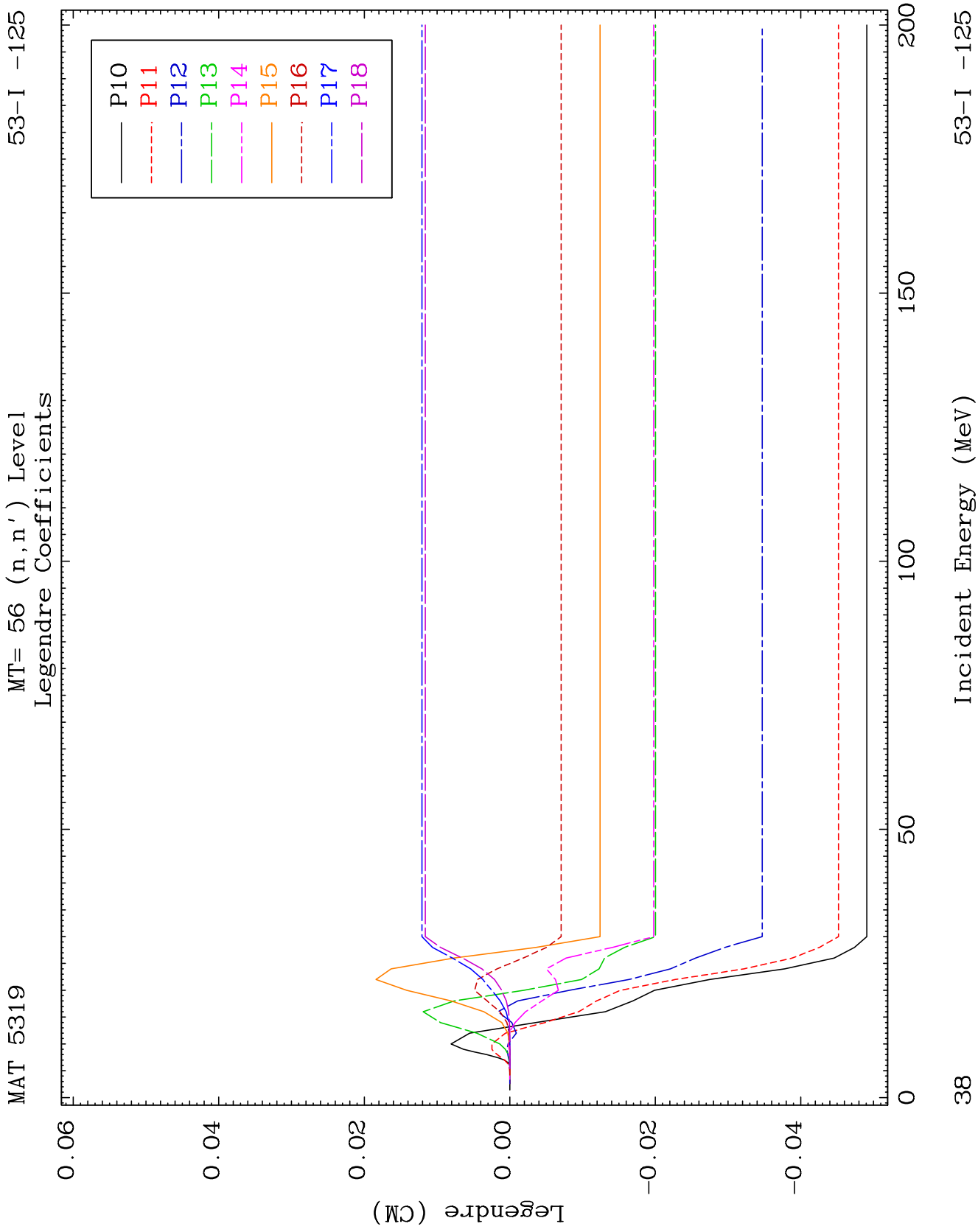
53-I -125



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Incident Energy (MeV)

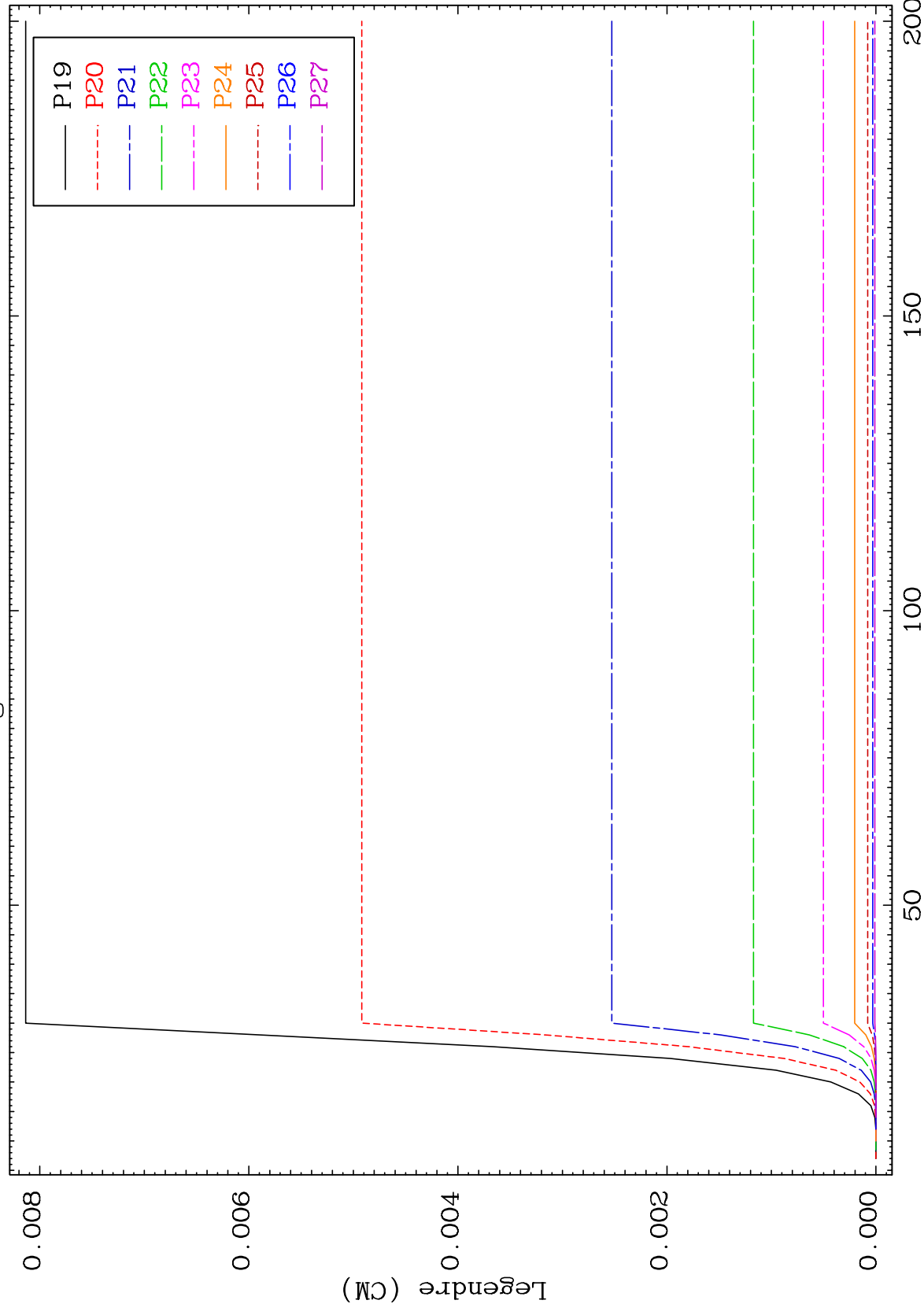
53-I -125



MAT 5319

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

53-I -125



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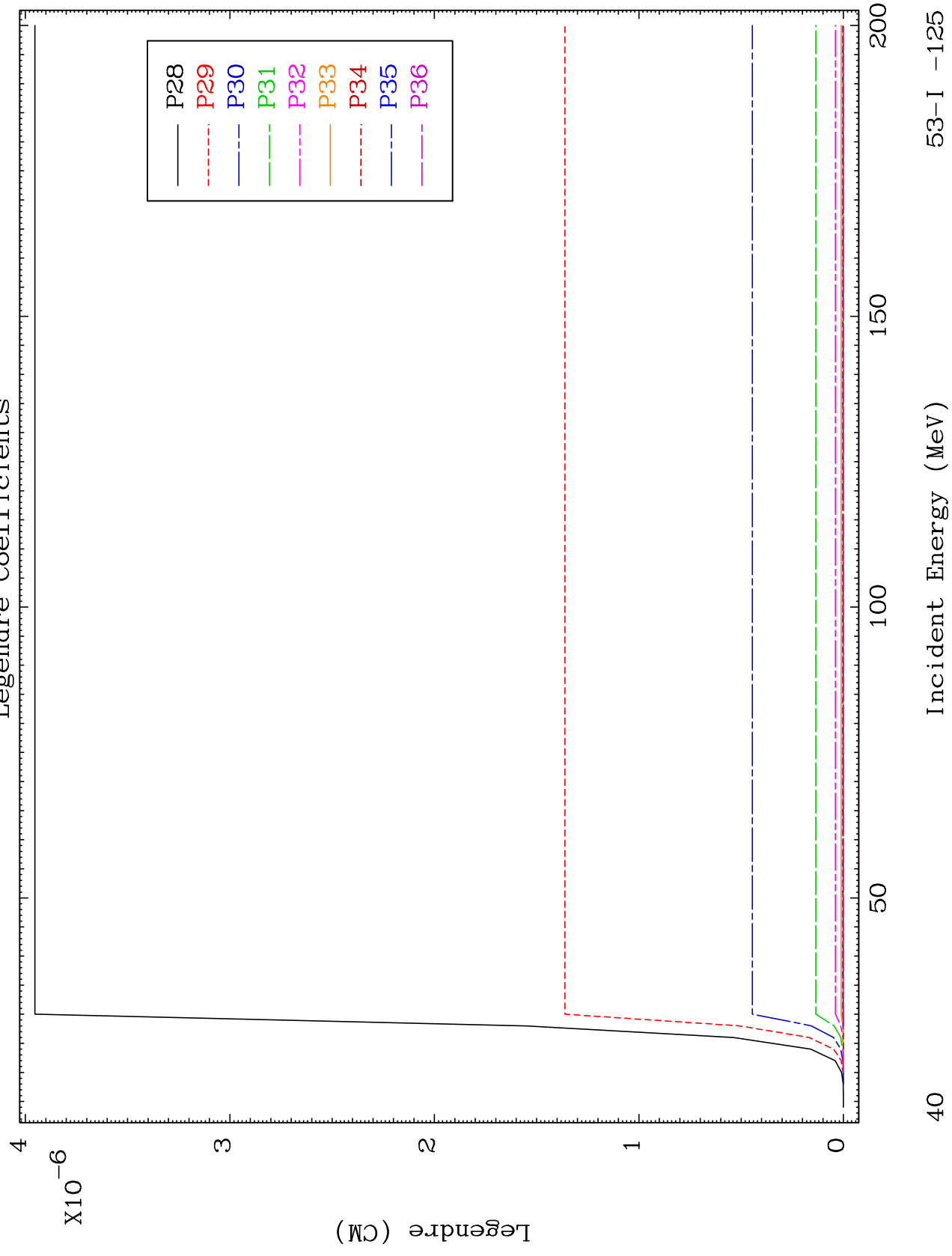
Incident Energy (MeV)

53-I -125

MAT 5319

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

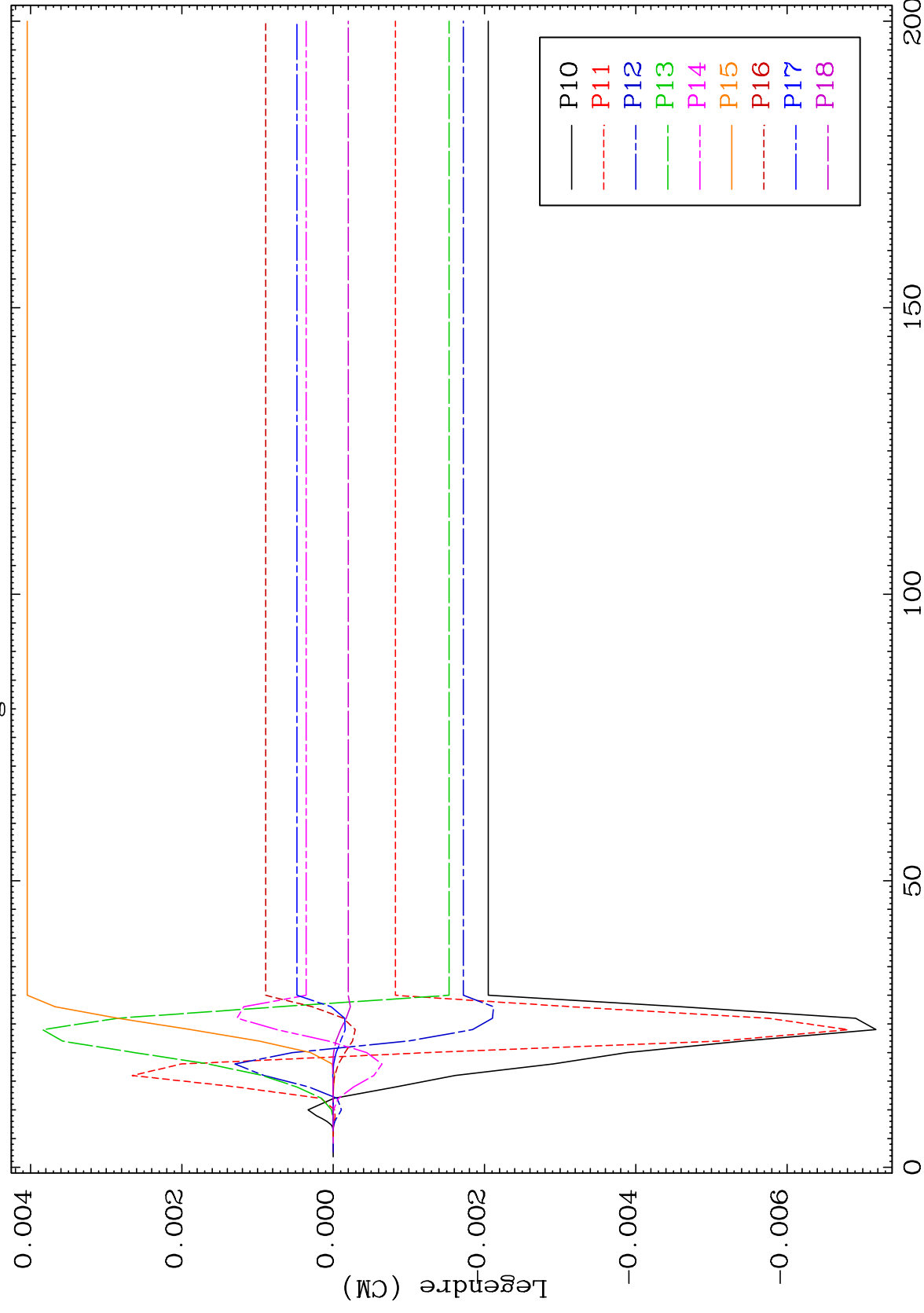
53-I -125



MAT 5319

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

53-I -125



42

Incident Energy (MeV)

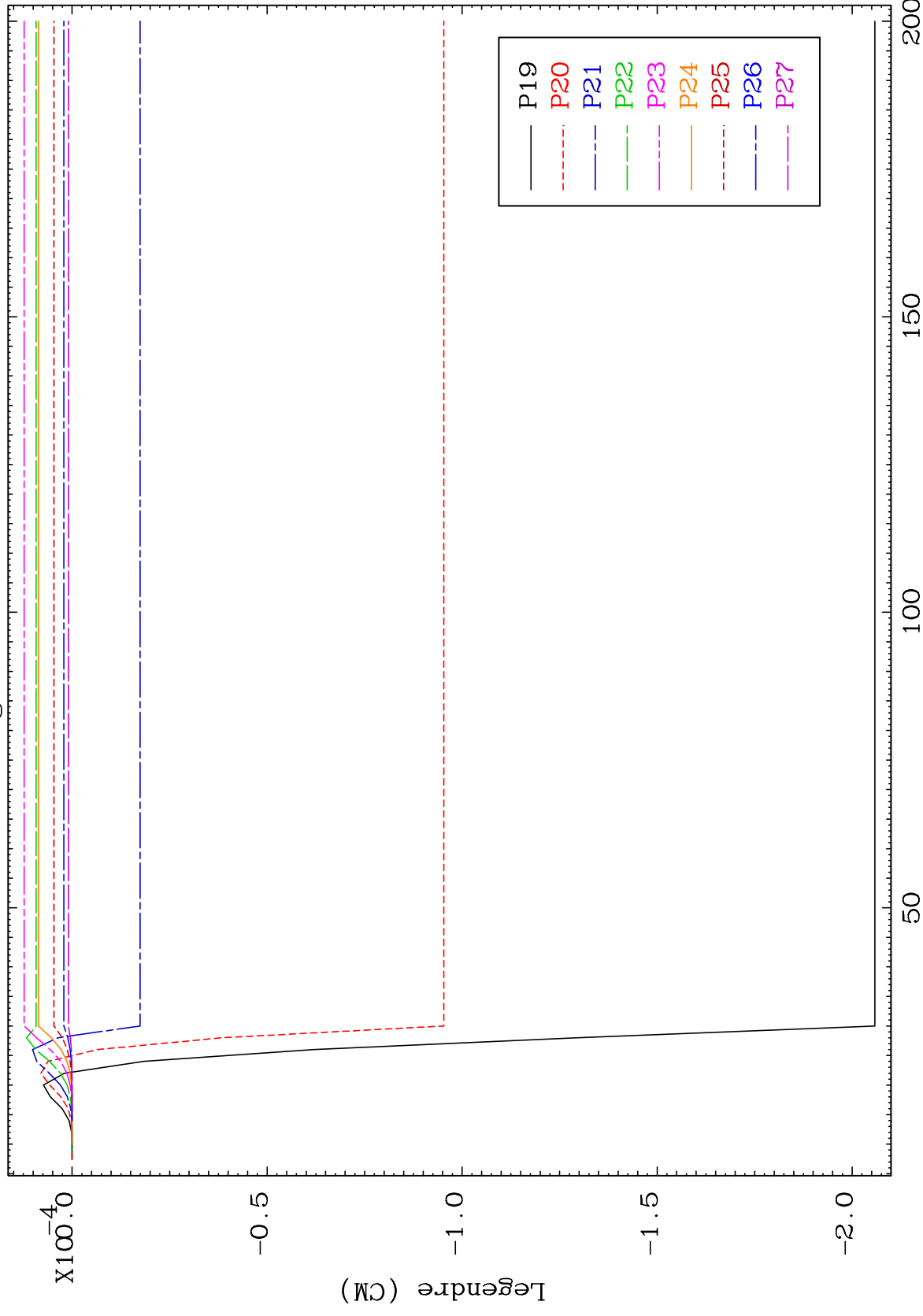
53-I -125

MAT 5319

MT= 57 (n, n') Level

53-I -125

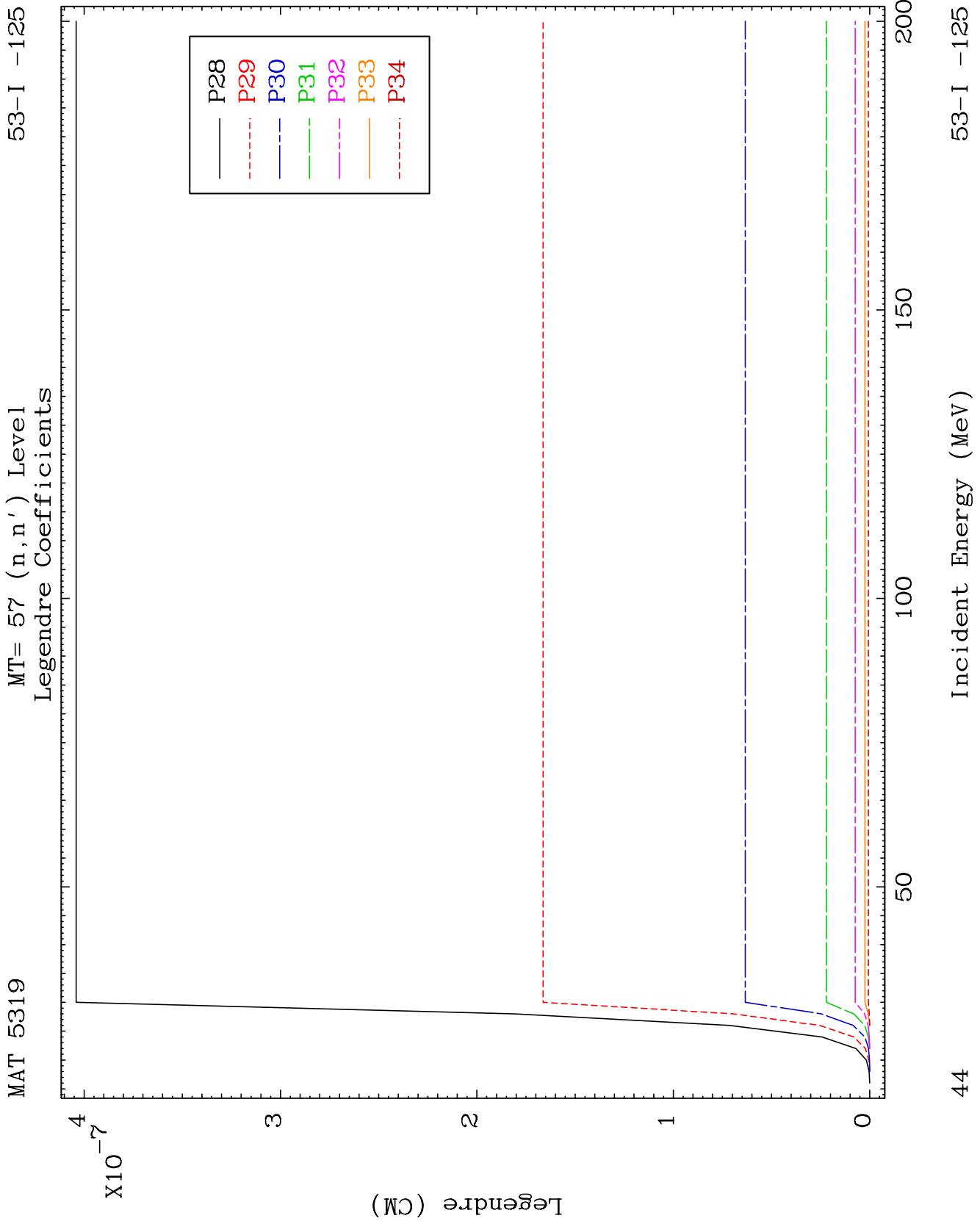
Legendre Coefficients



43

Incident Energy (MeV)

53-I -125

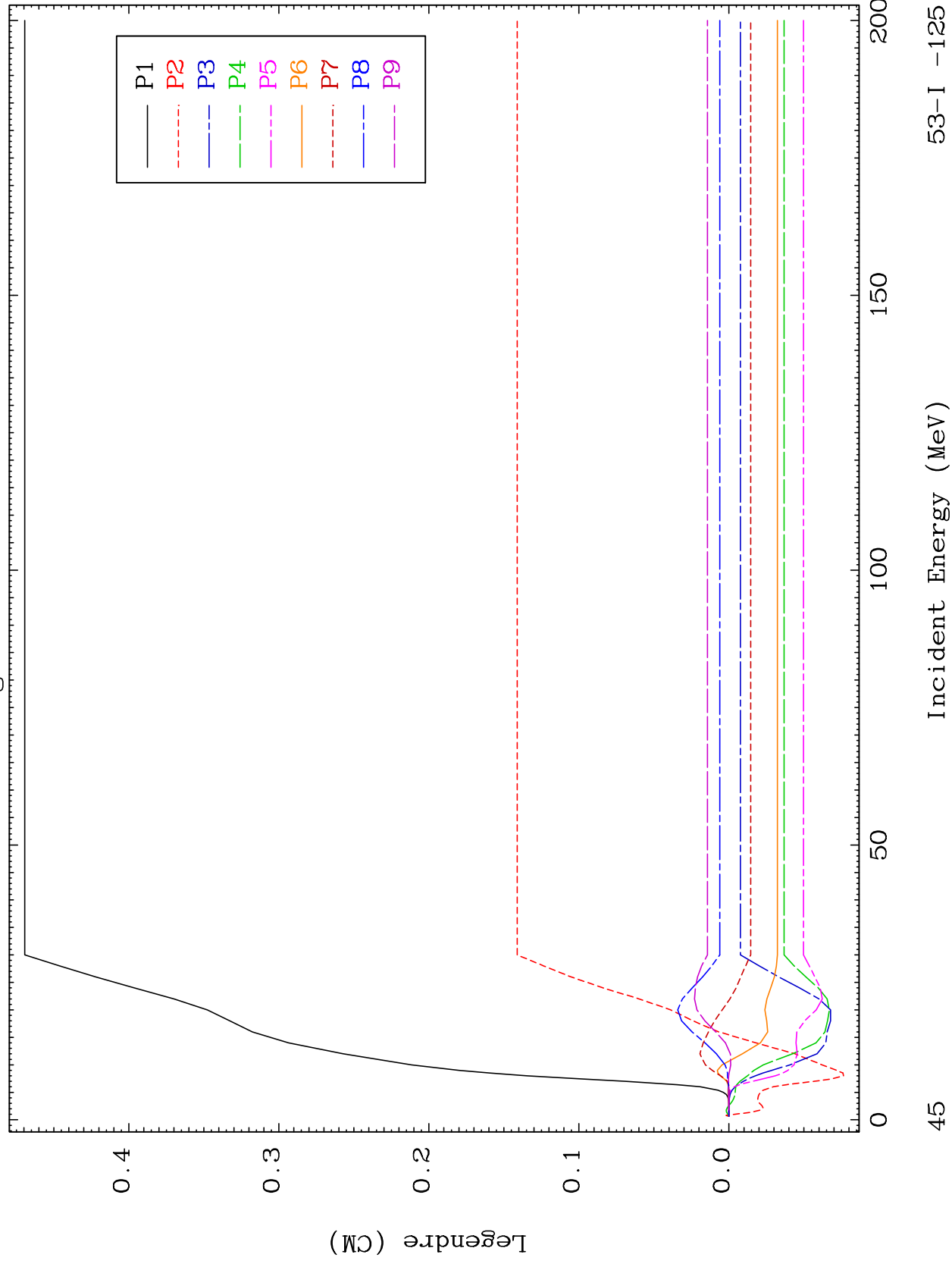


MAT 5319

MT= 58 (n, n') Level

53-I -125

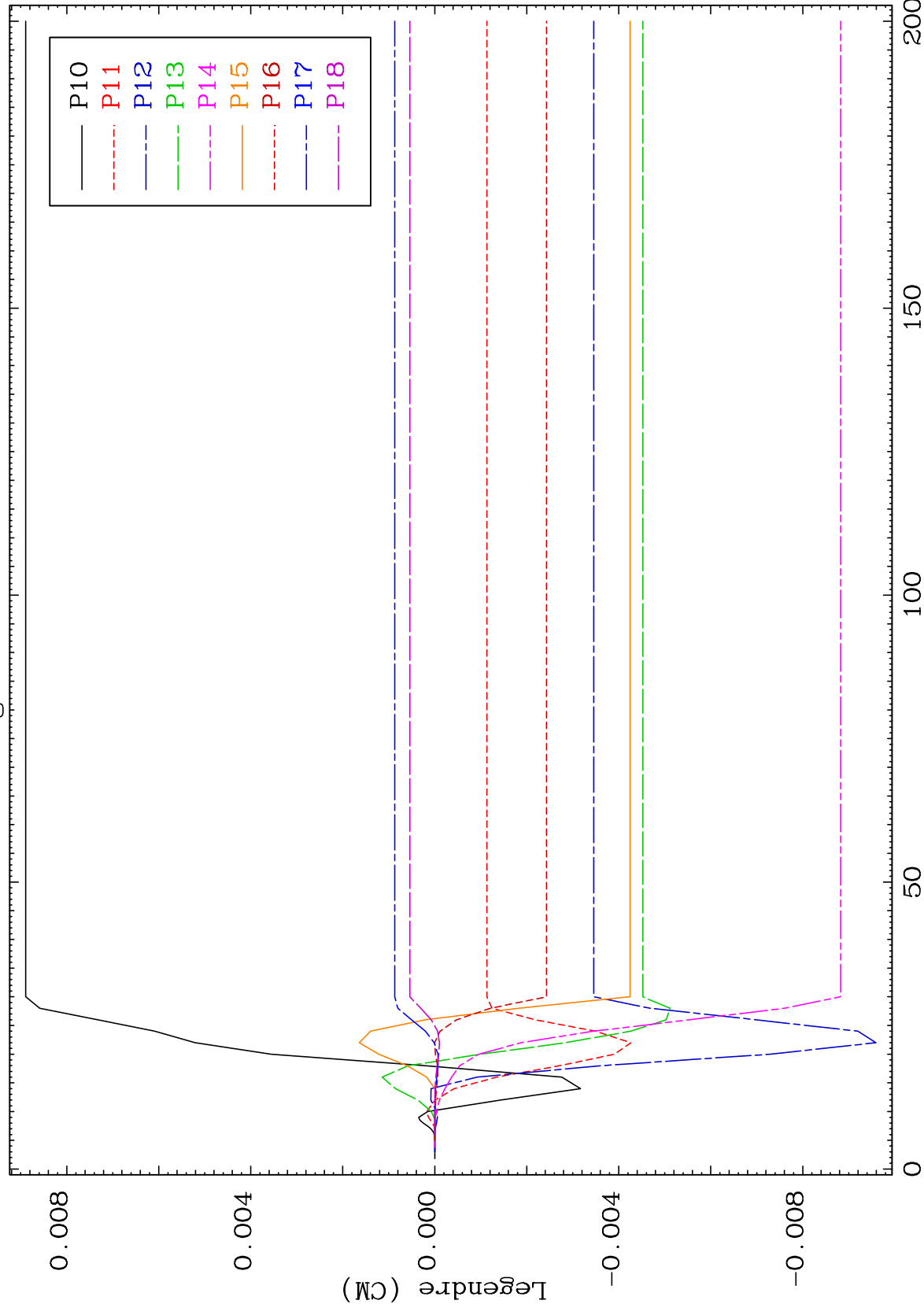
Legendre Coefficients



MAT 5319

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

53-I -125



46

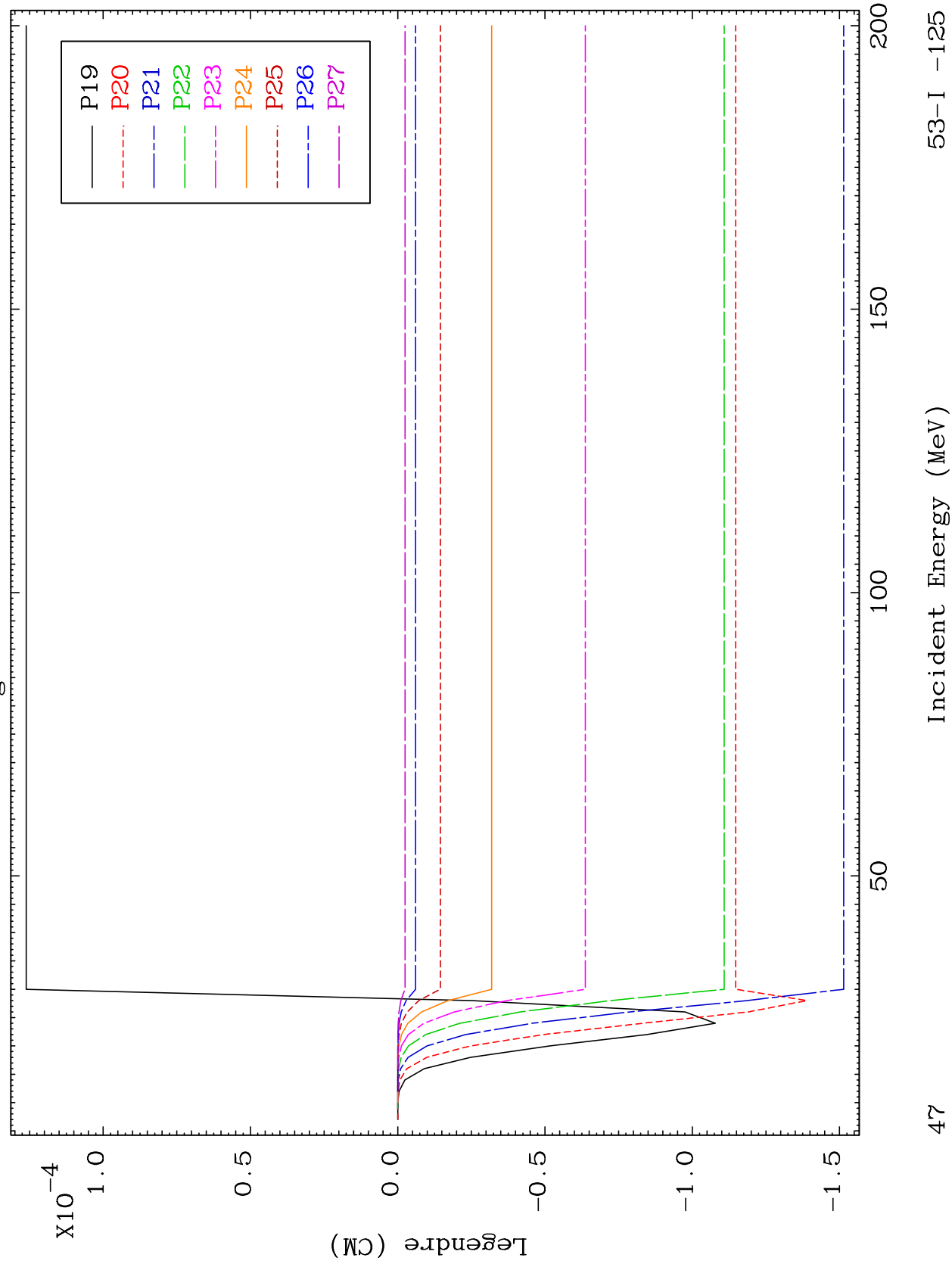
Incident Energy (MeV)

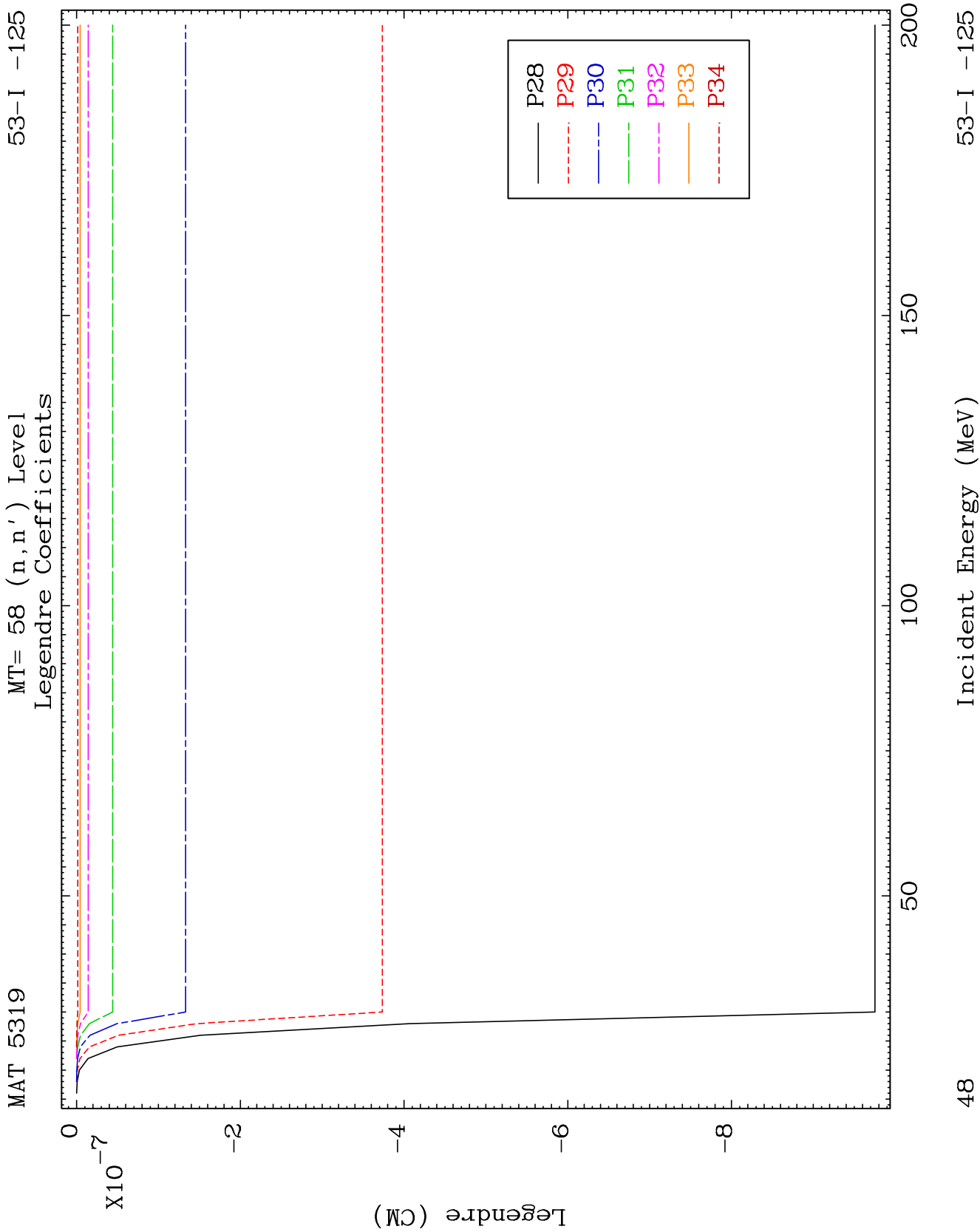
53-I -125

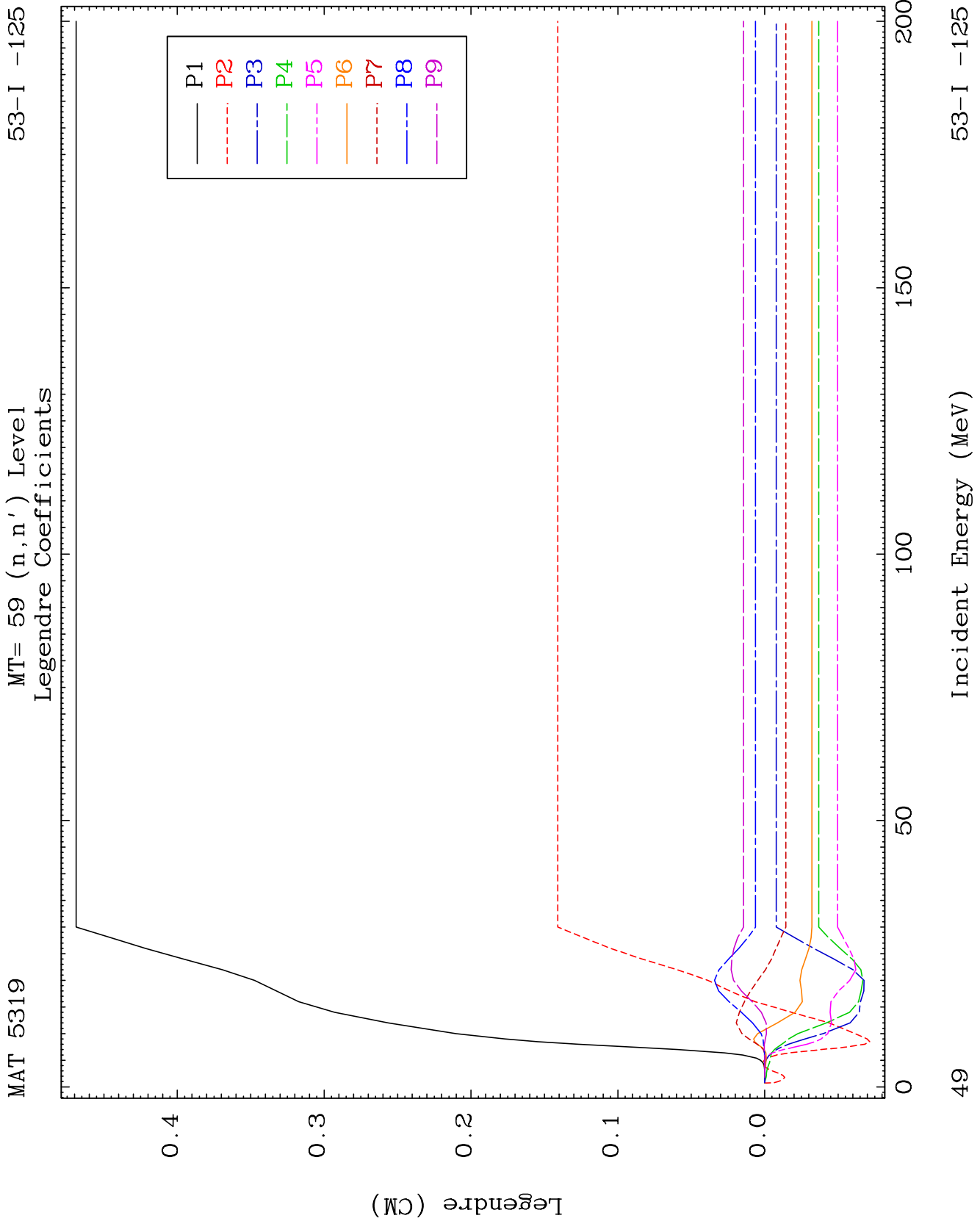
MAT 5319

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

53-I -125



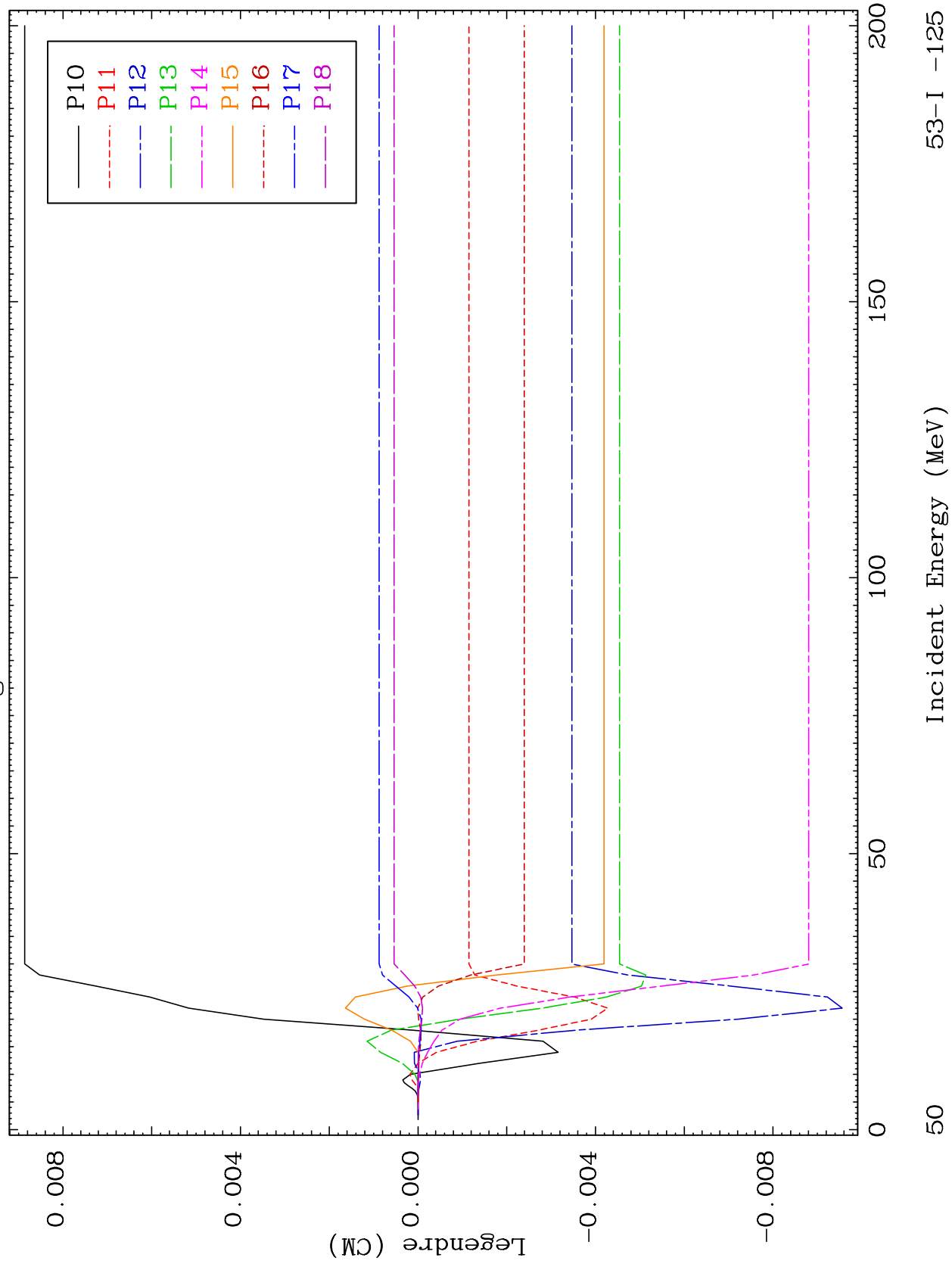


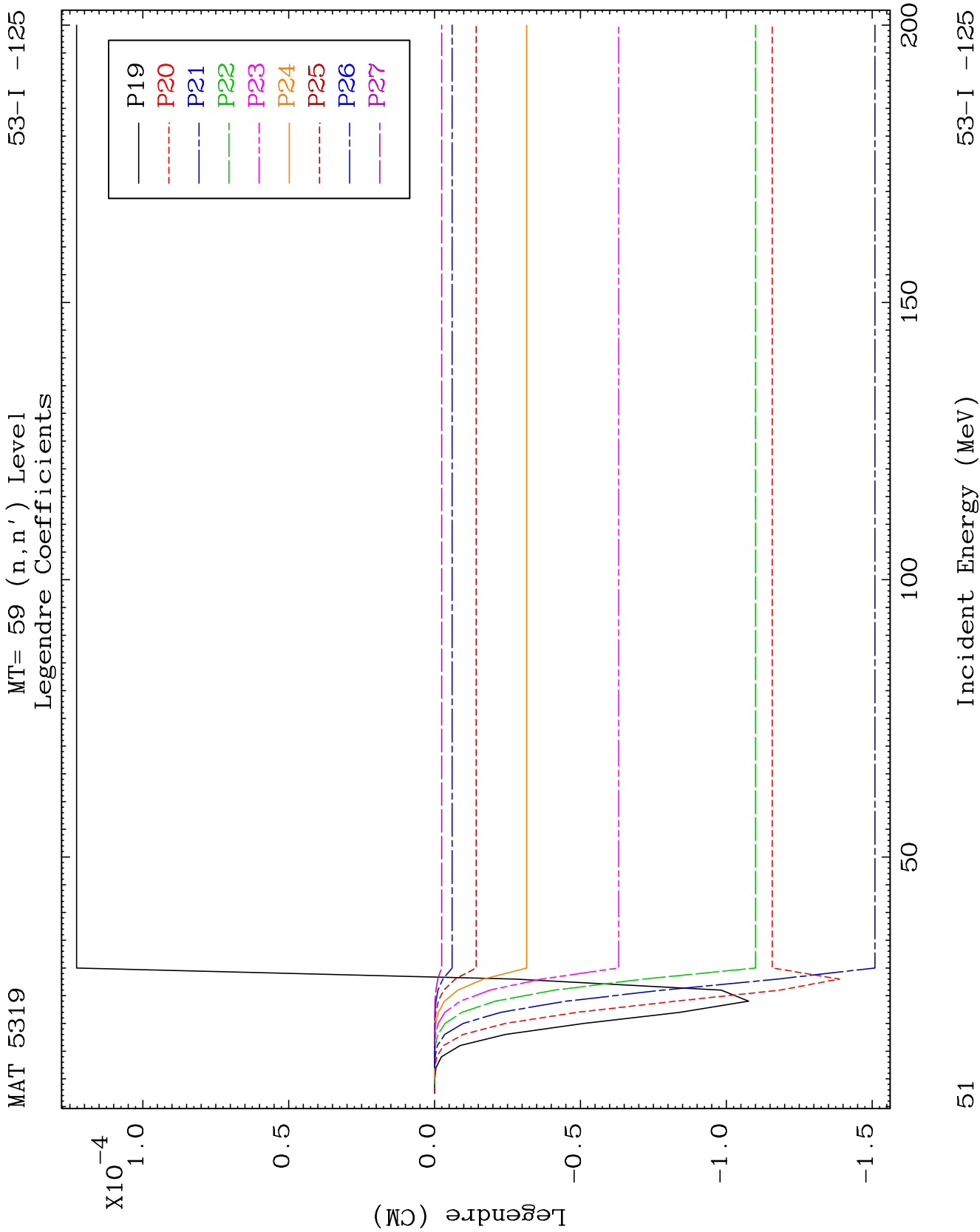


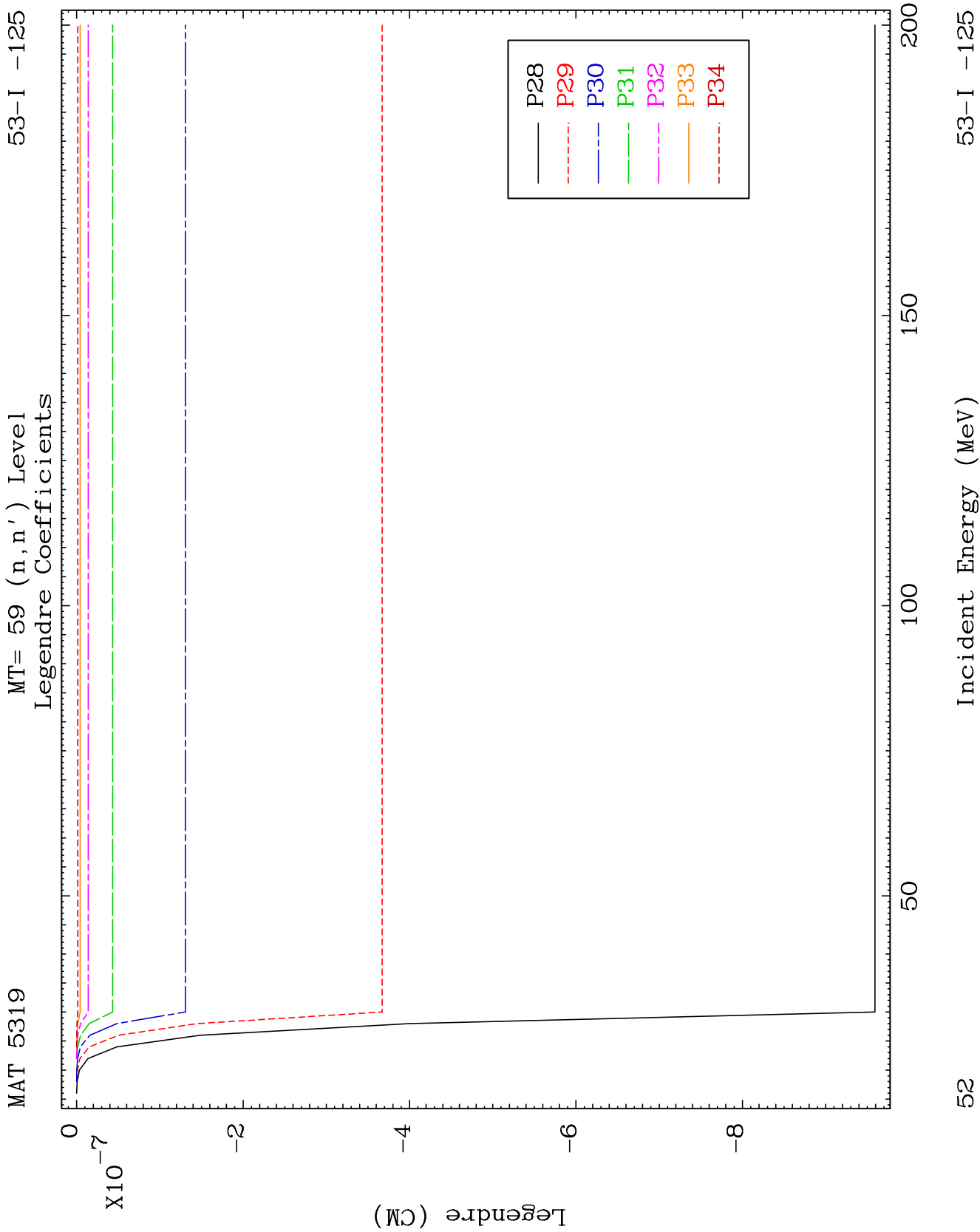
MAT 5319

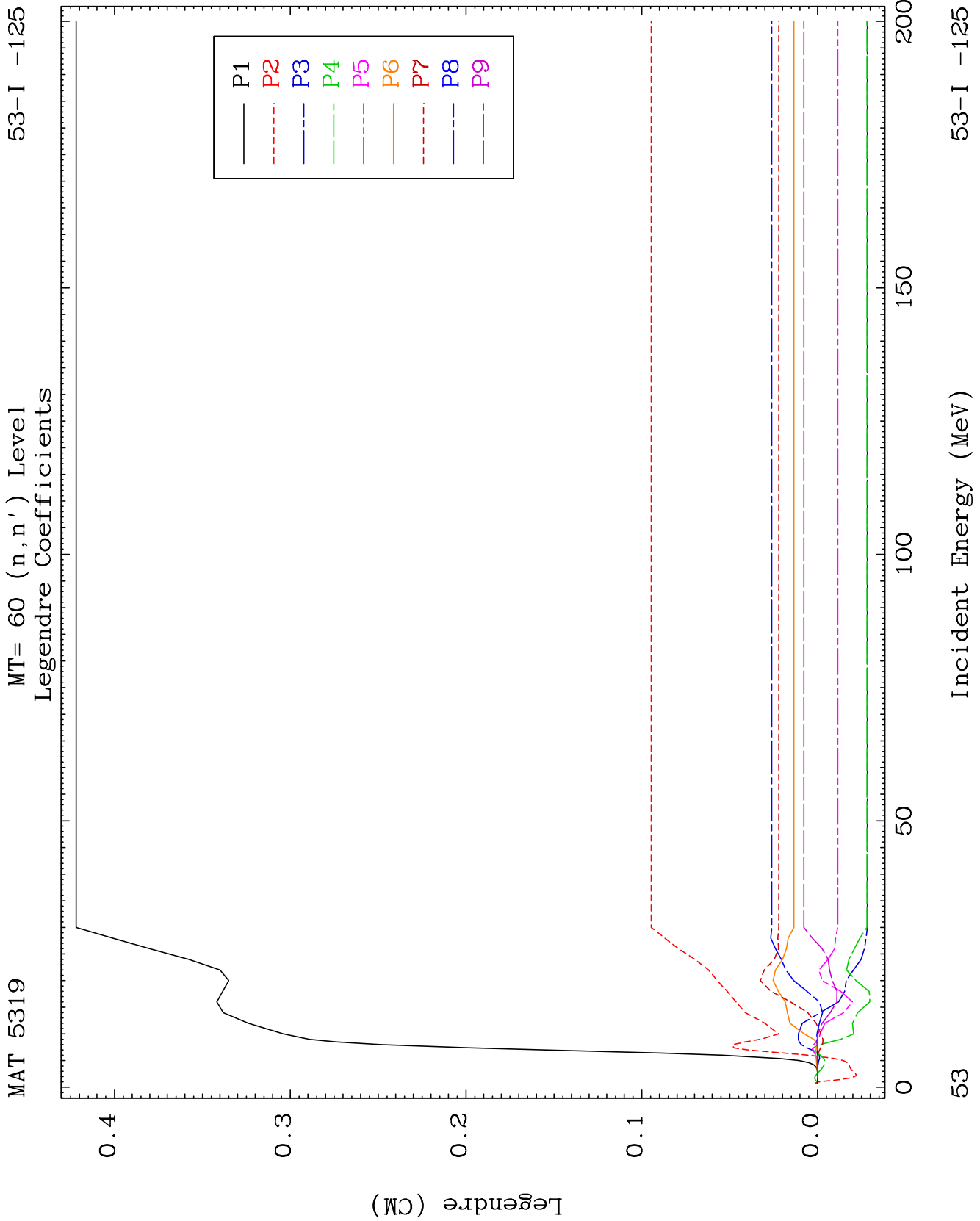
MT= 59 (n, n') Level
Legendre Coefficients

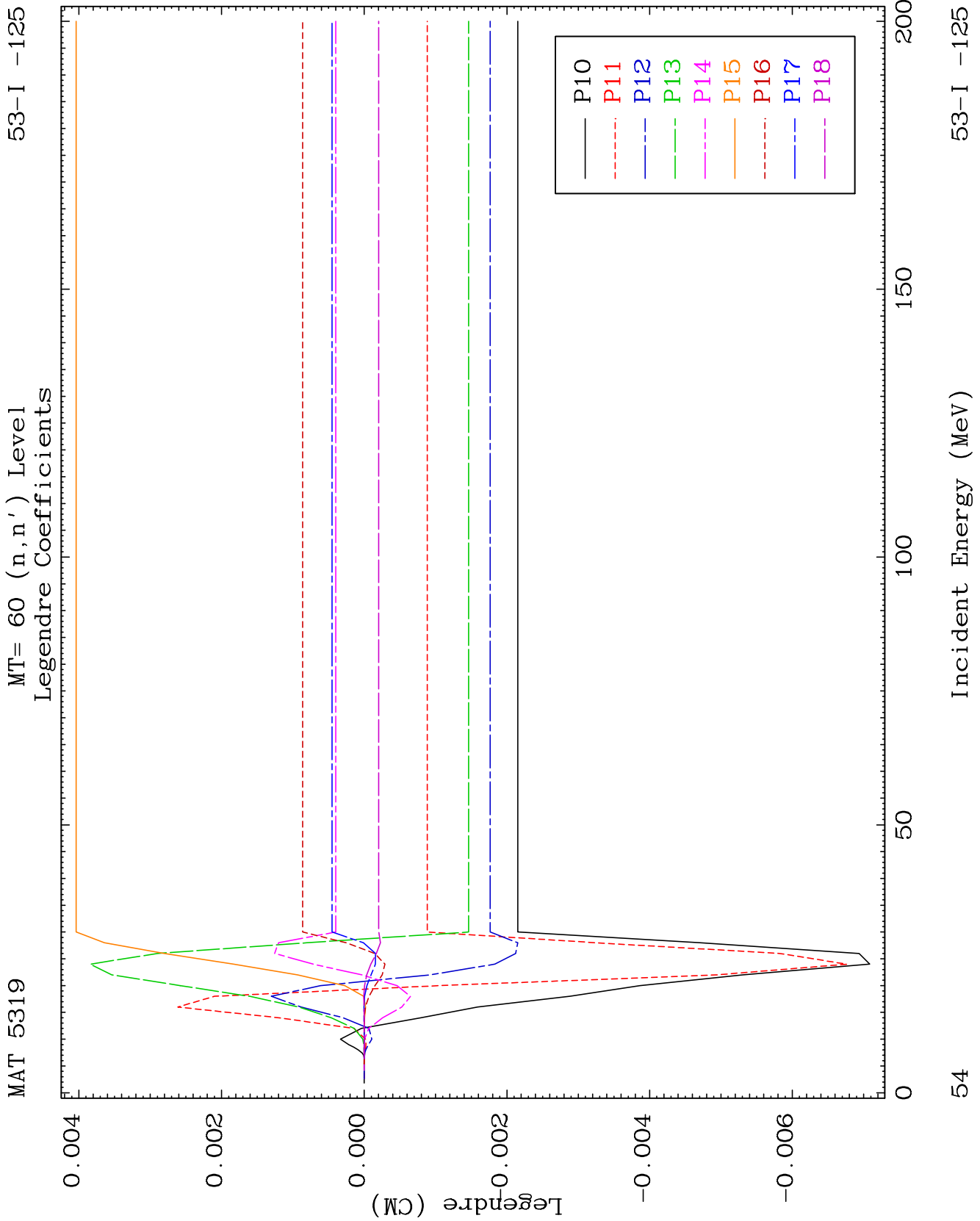
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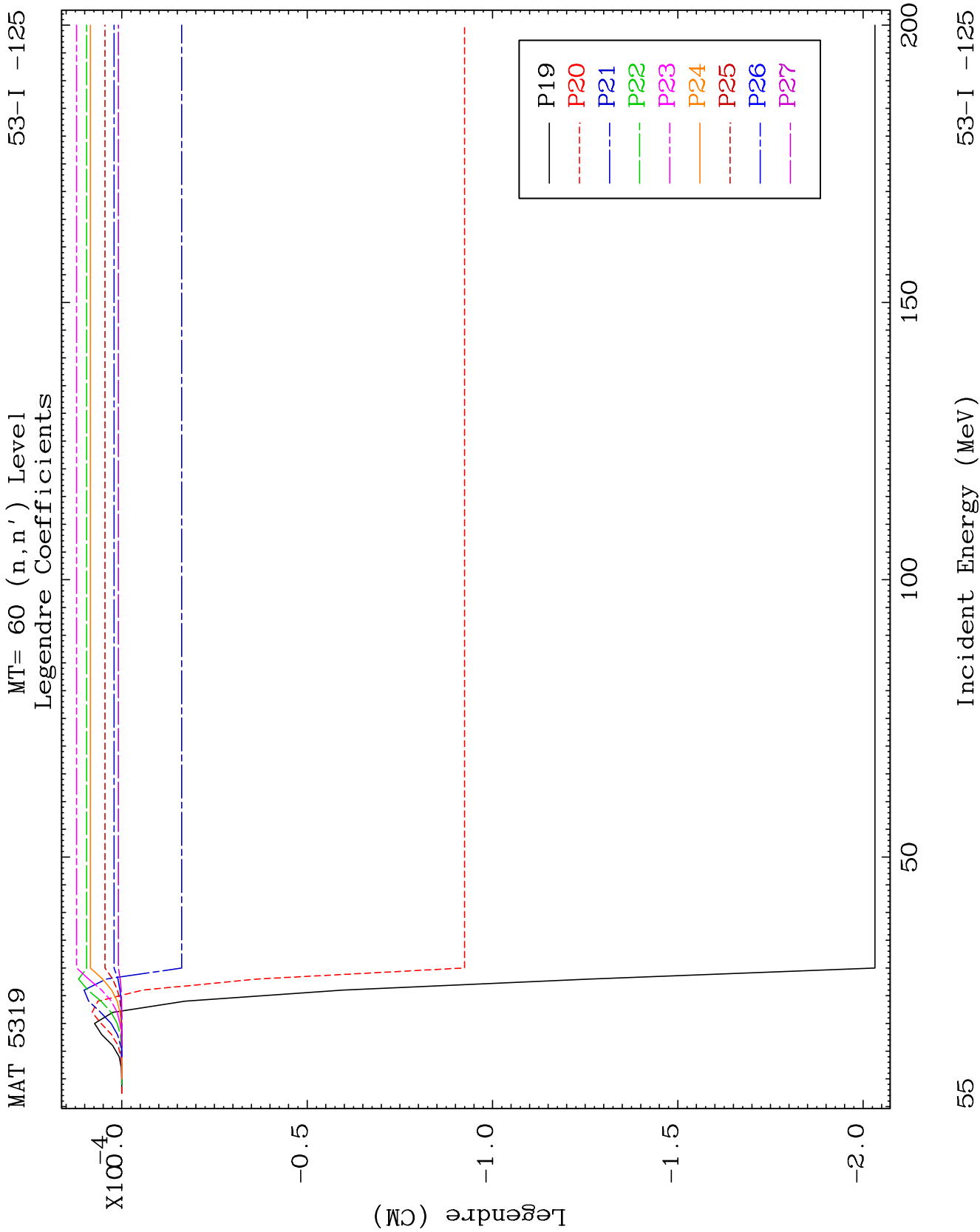


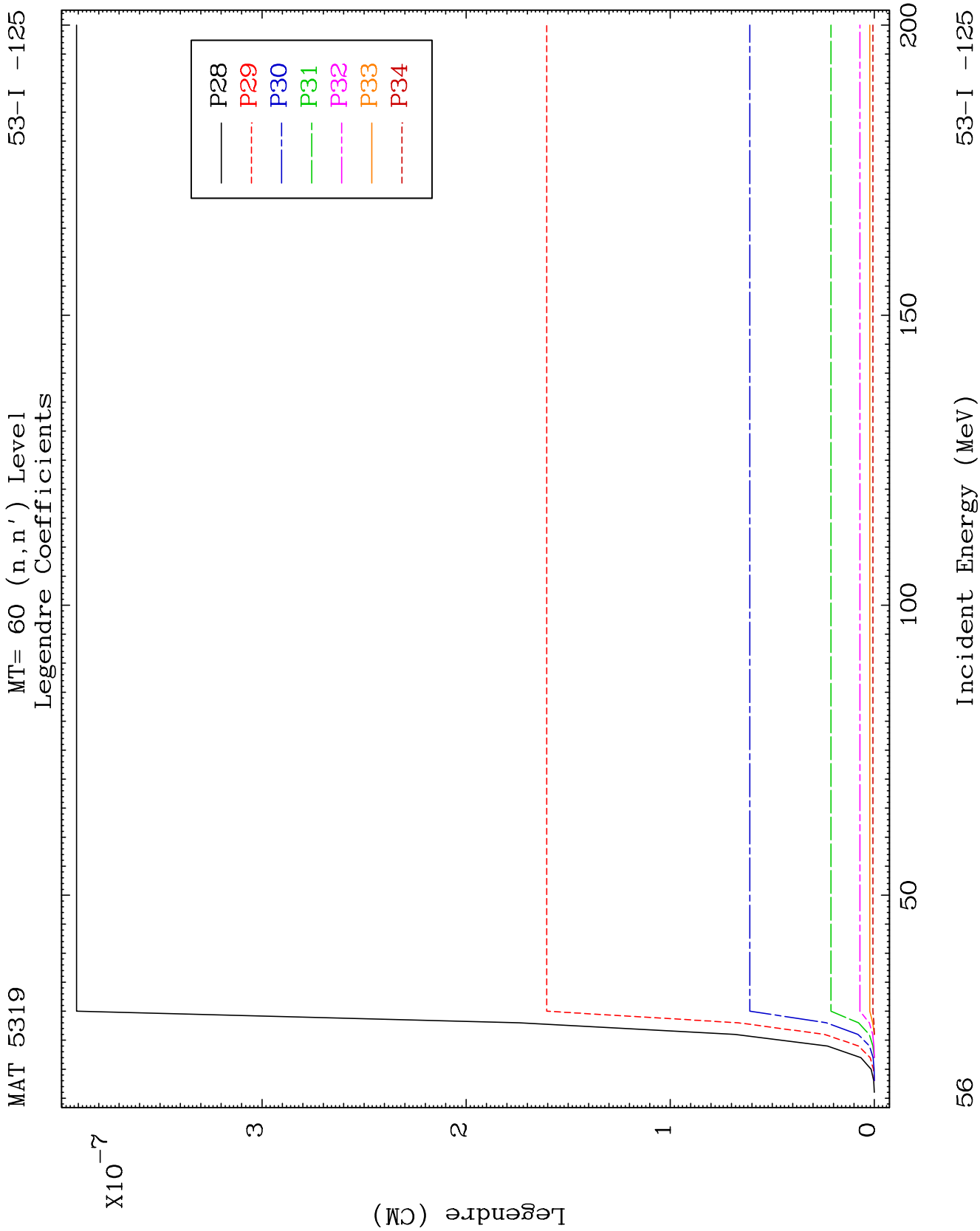


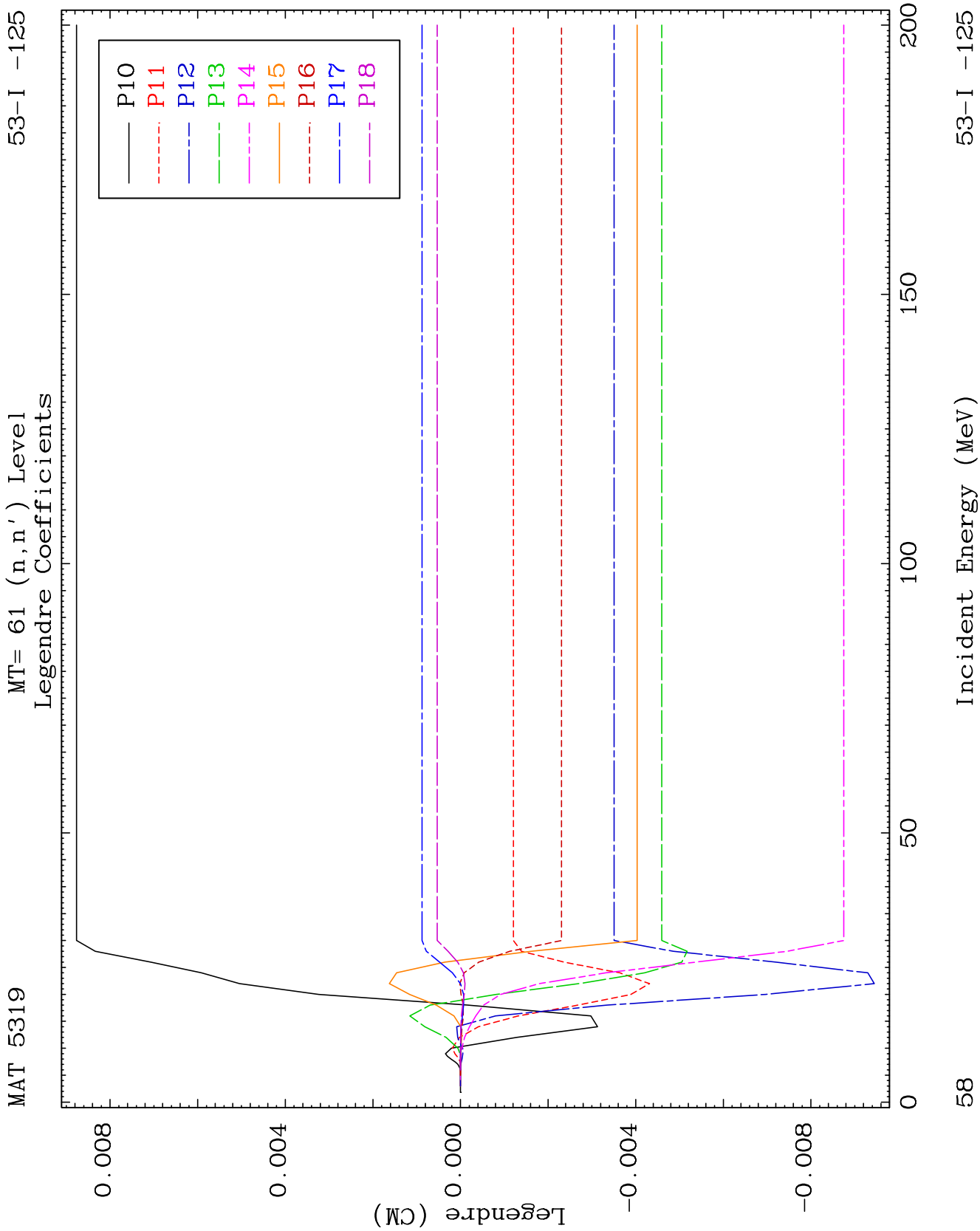








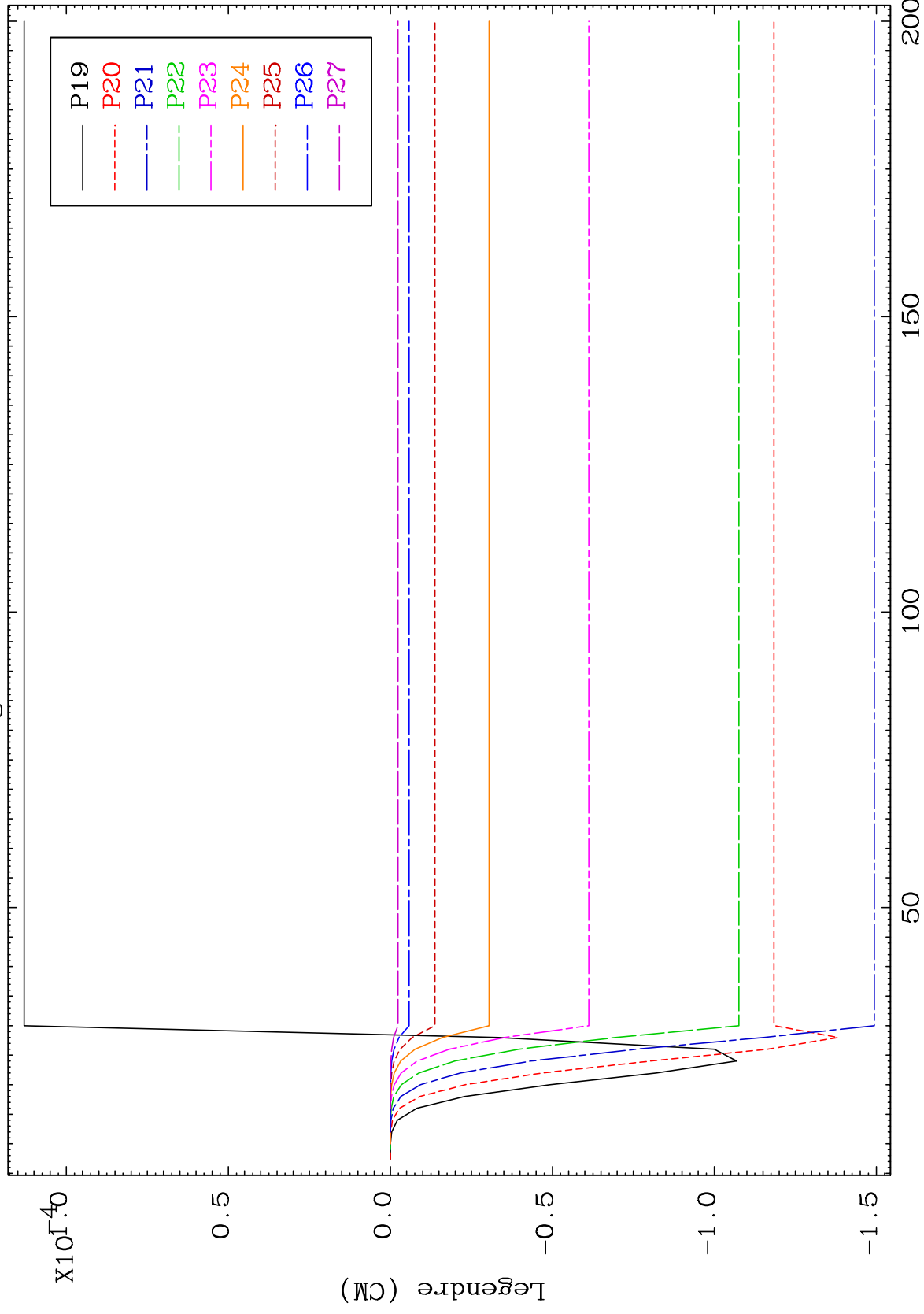




MAT 5319

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

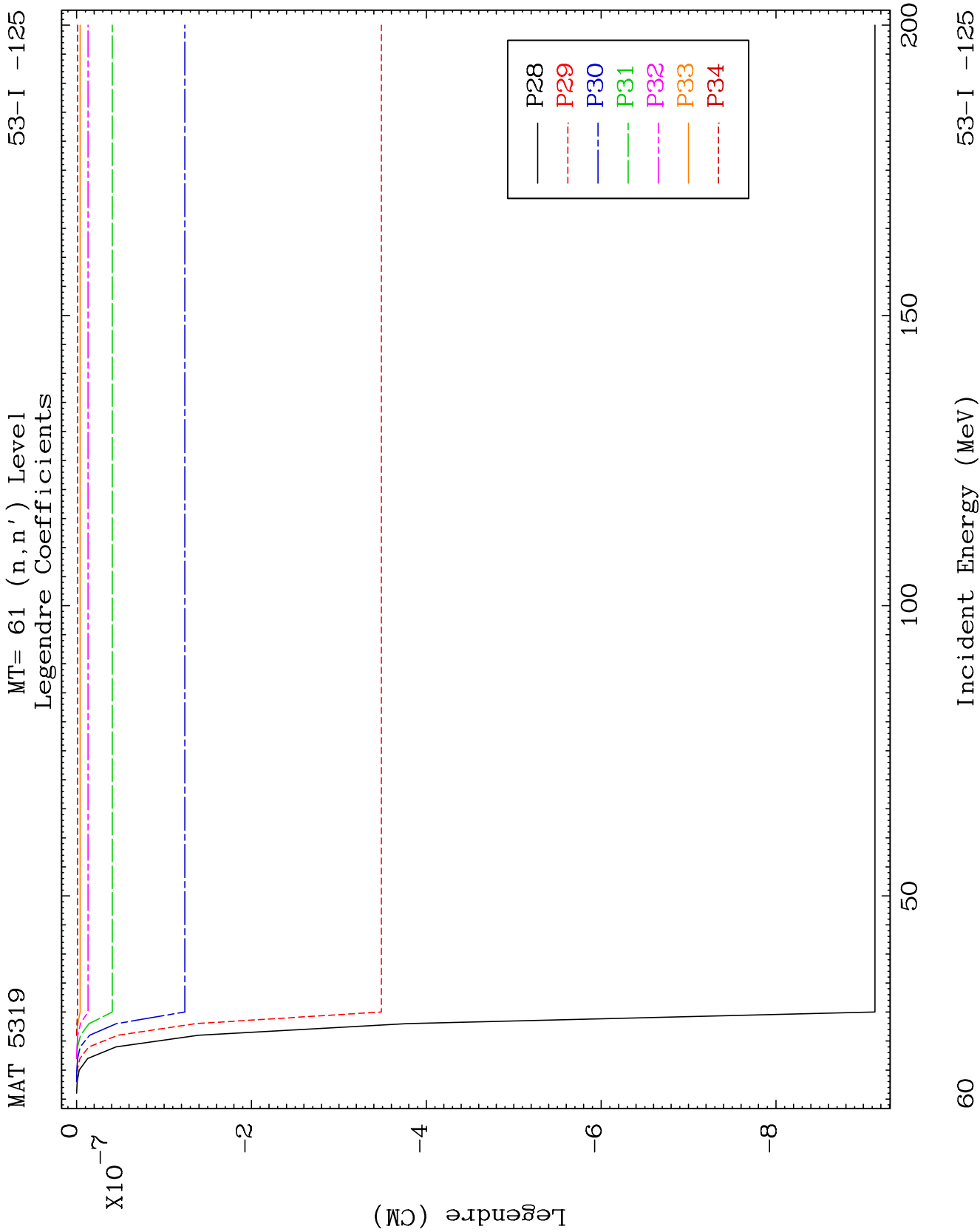
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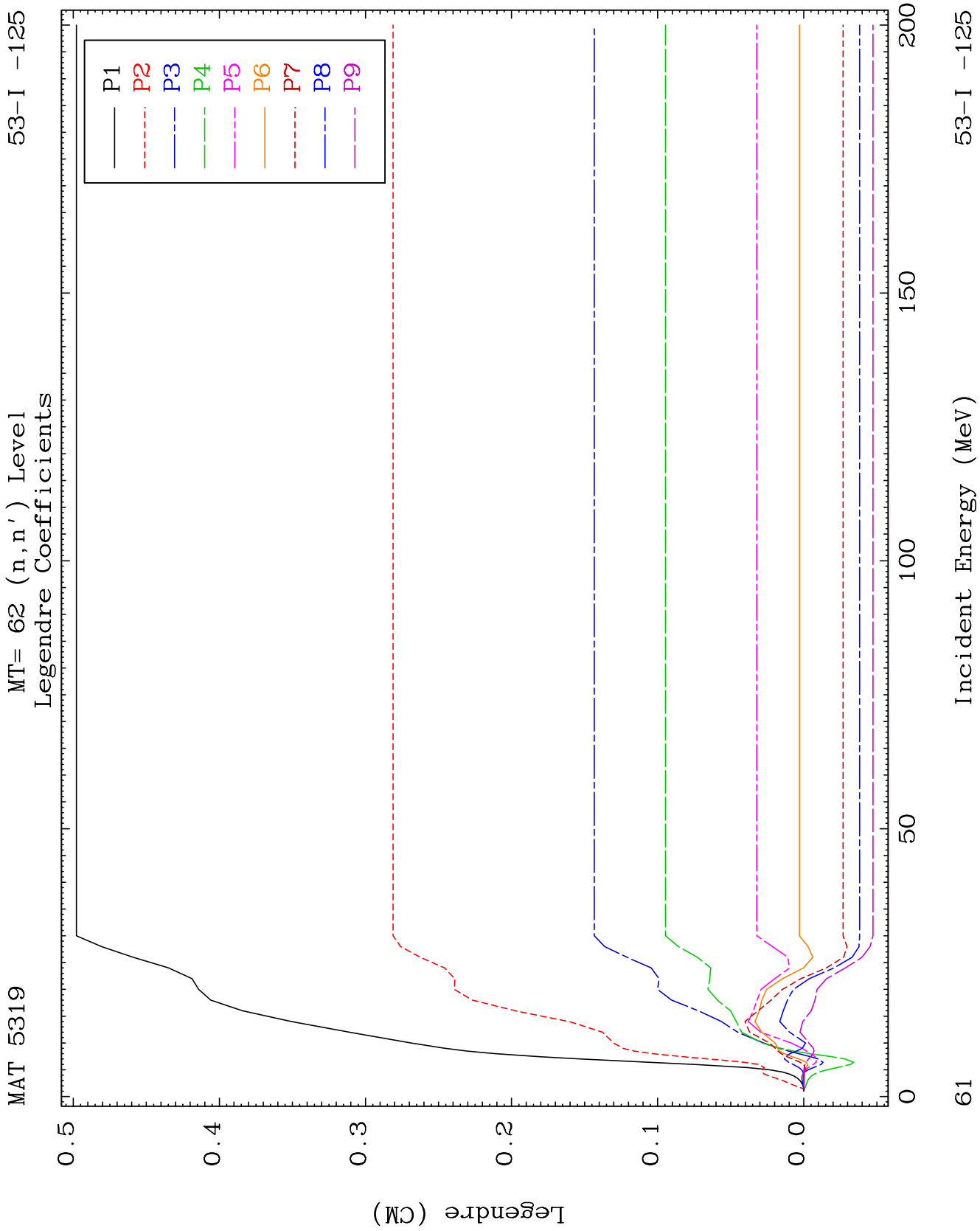


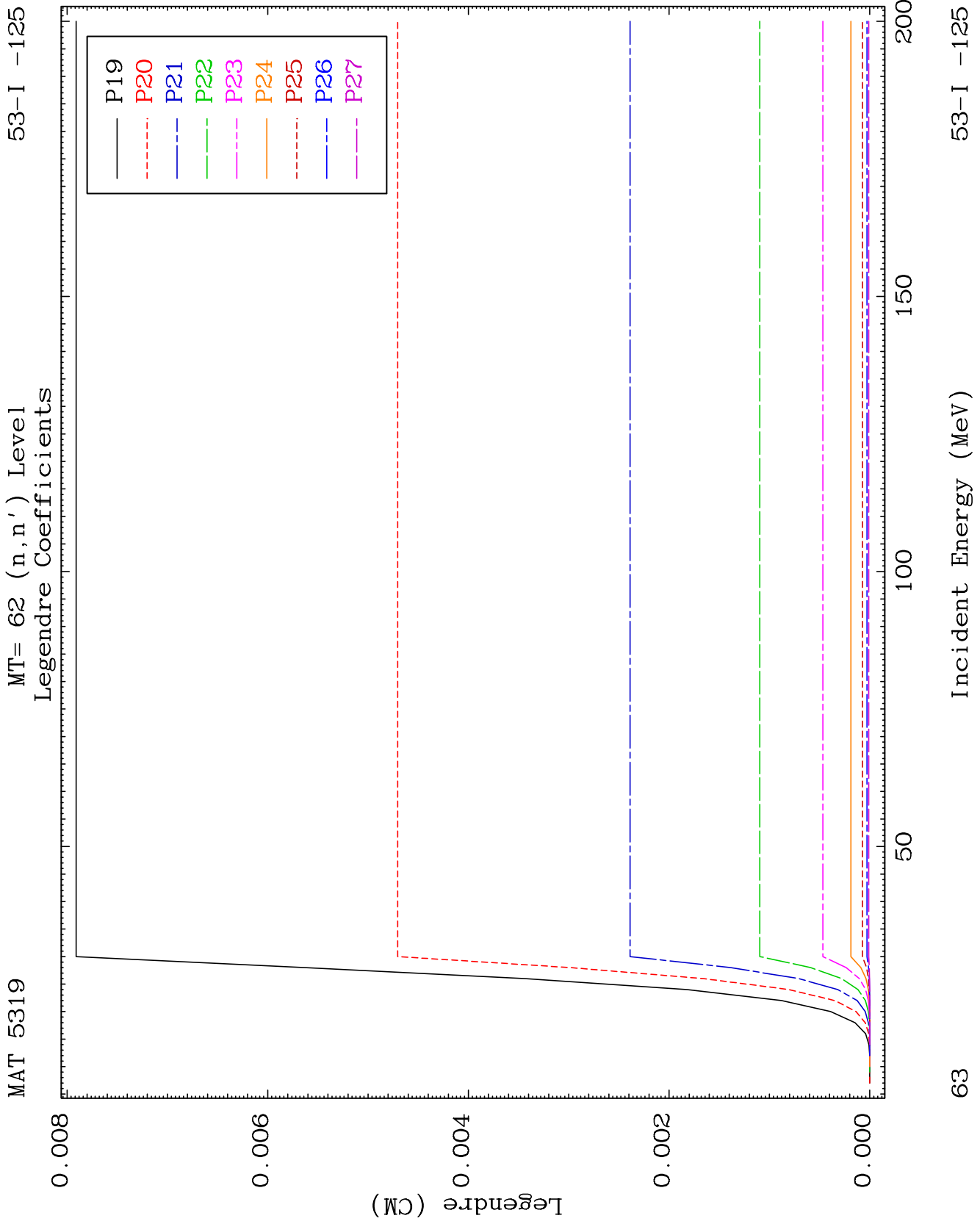
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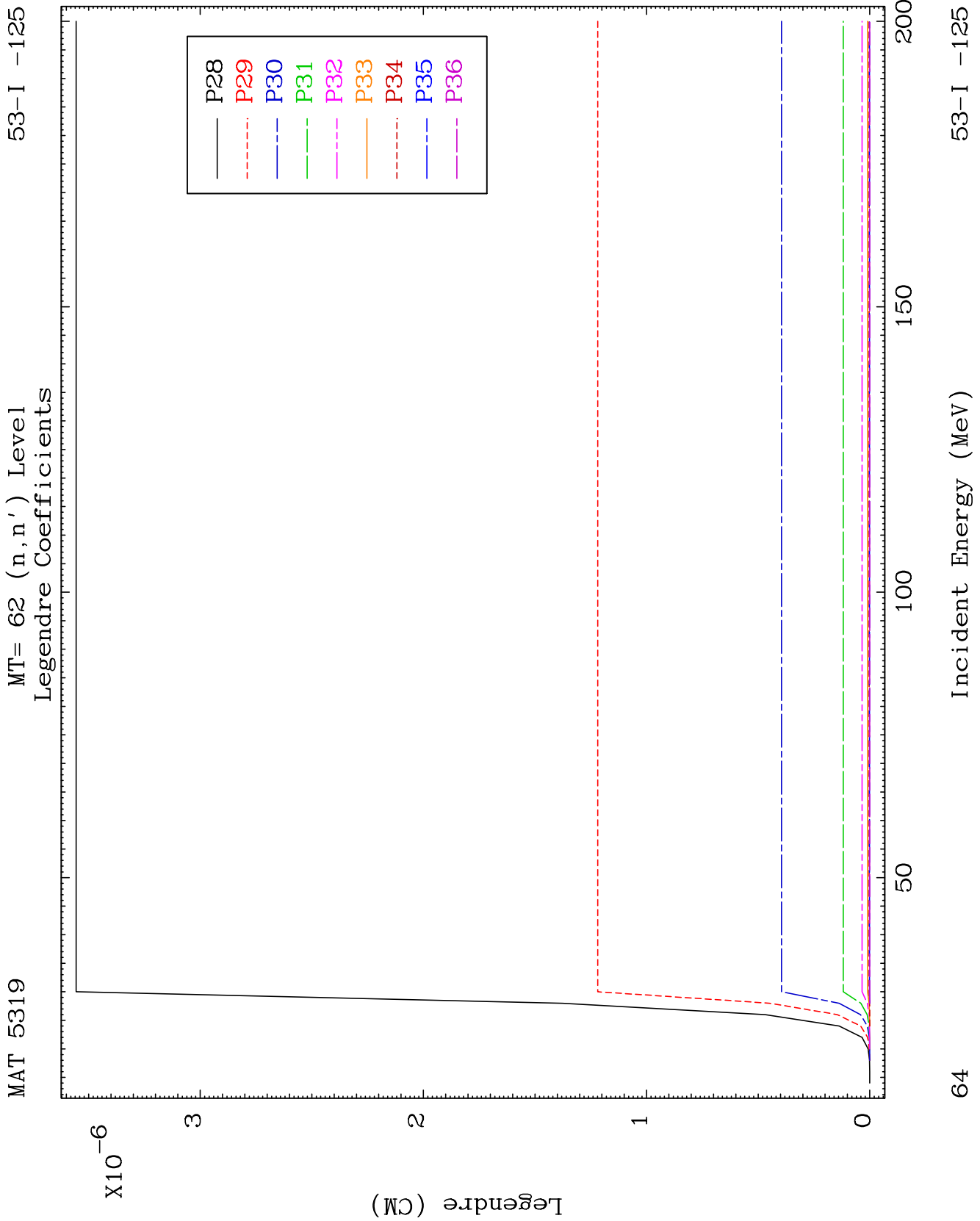
Incident Energy (MeV)

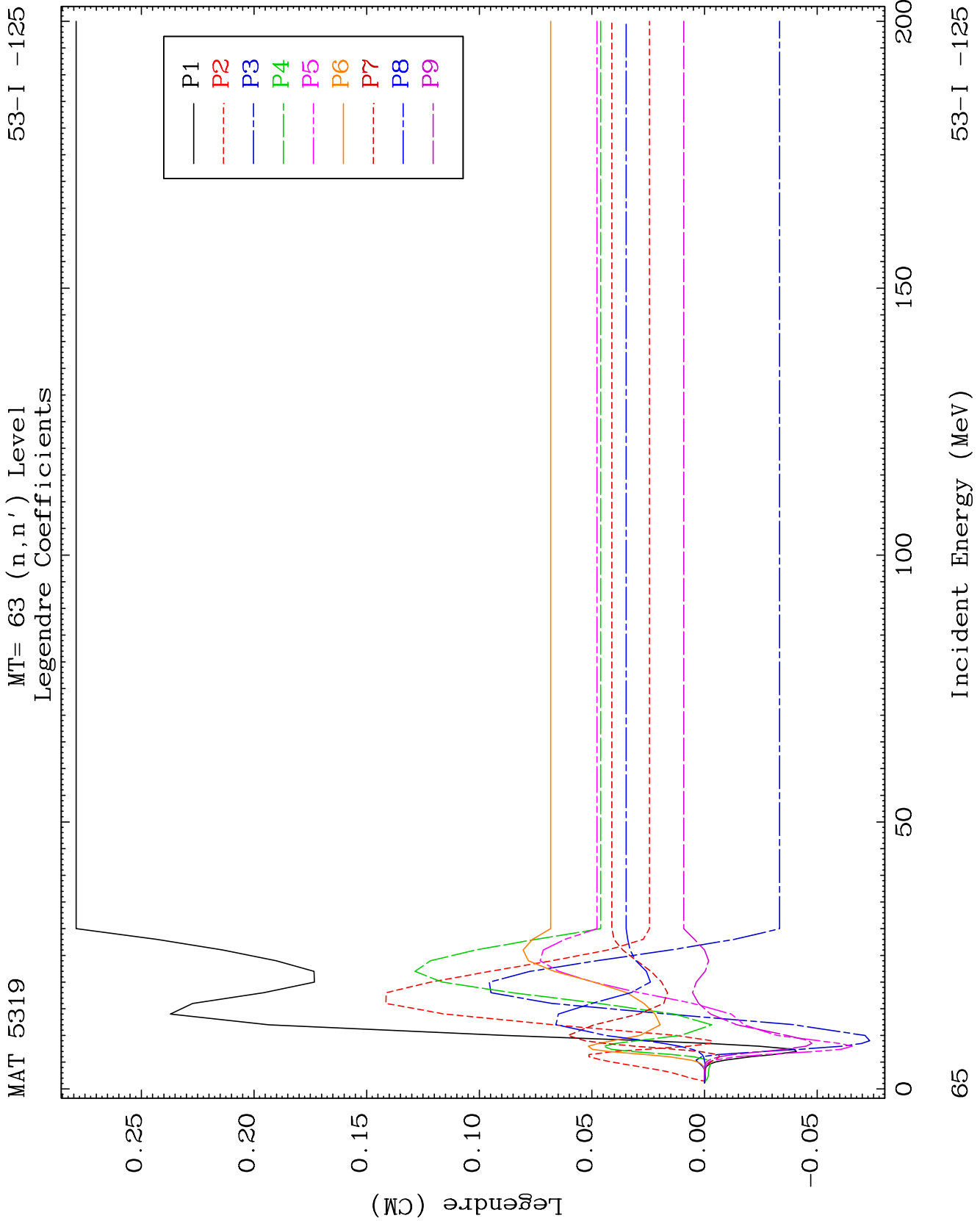
53-I -125







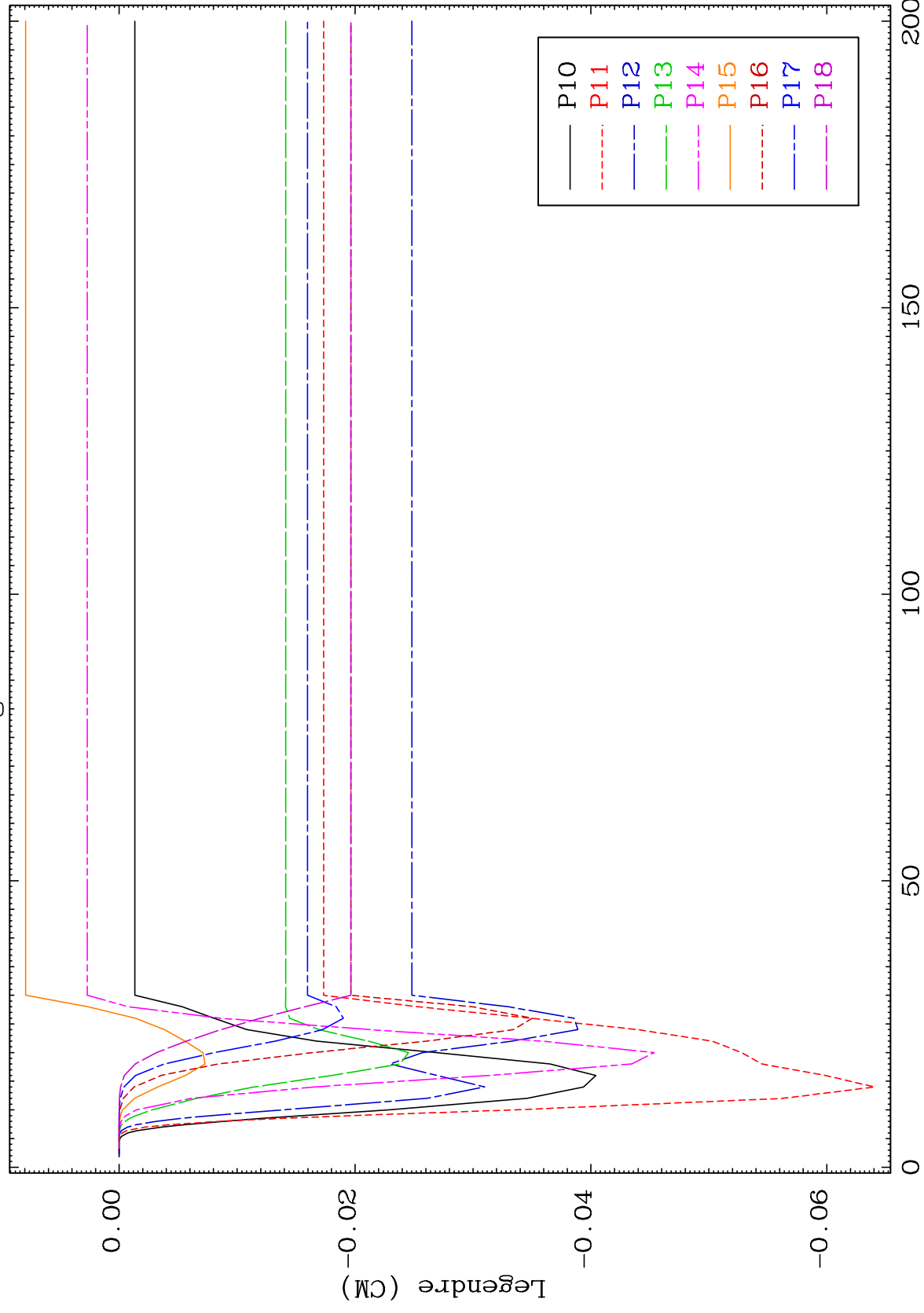




MAT 5319

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

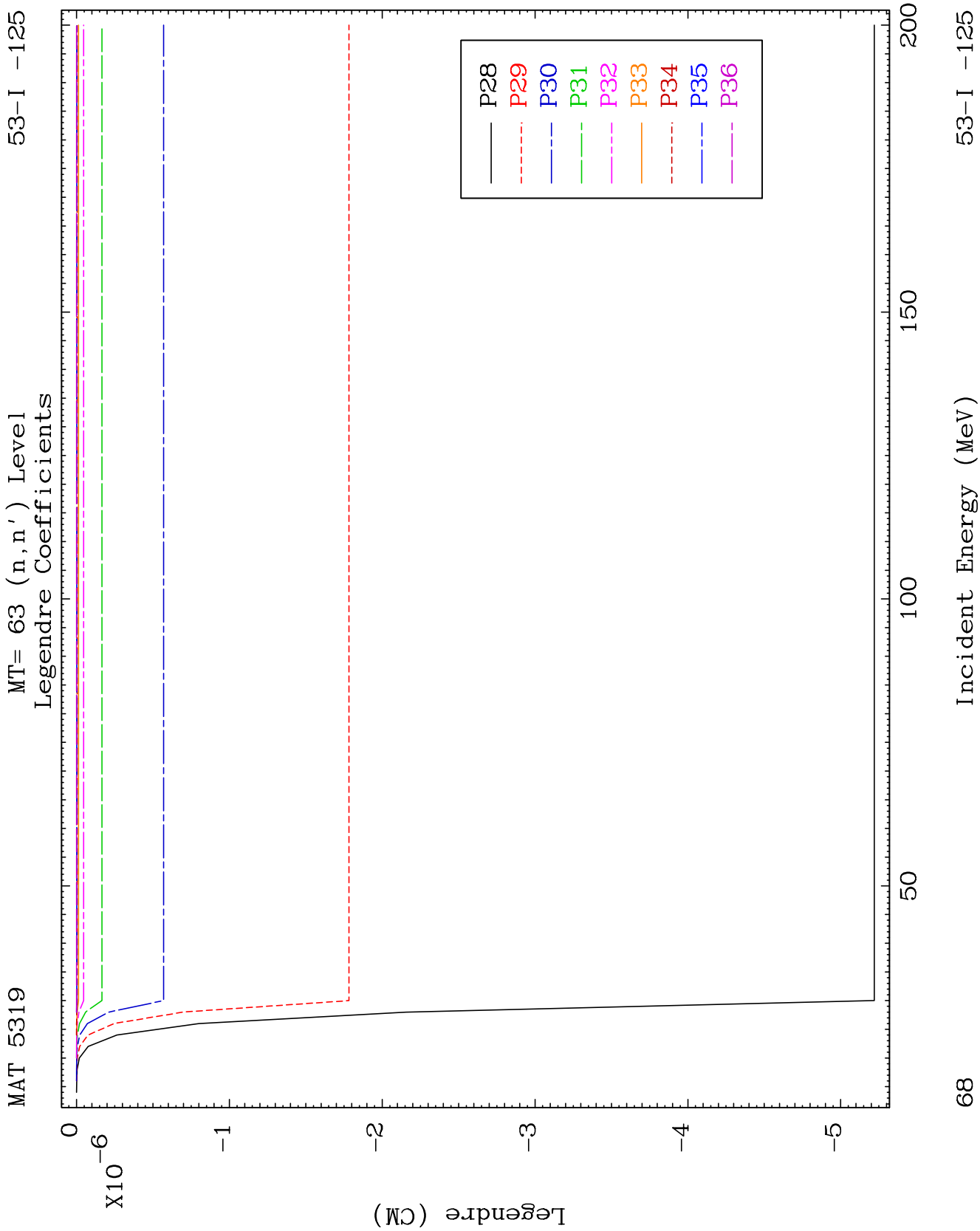
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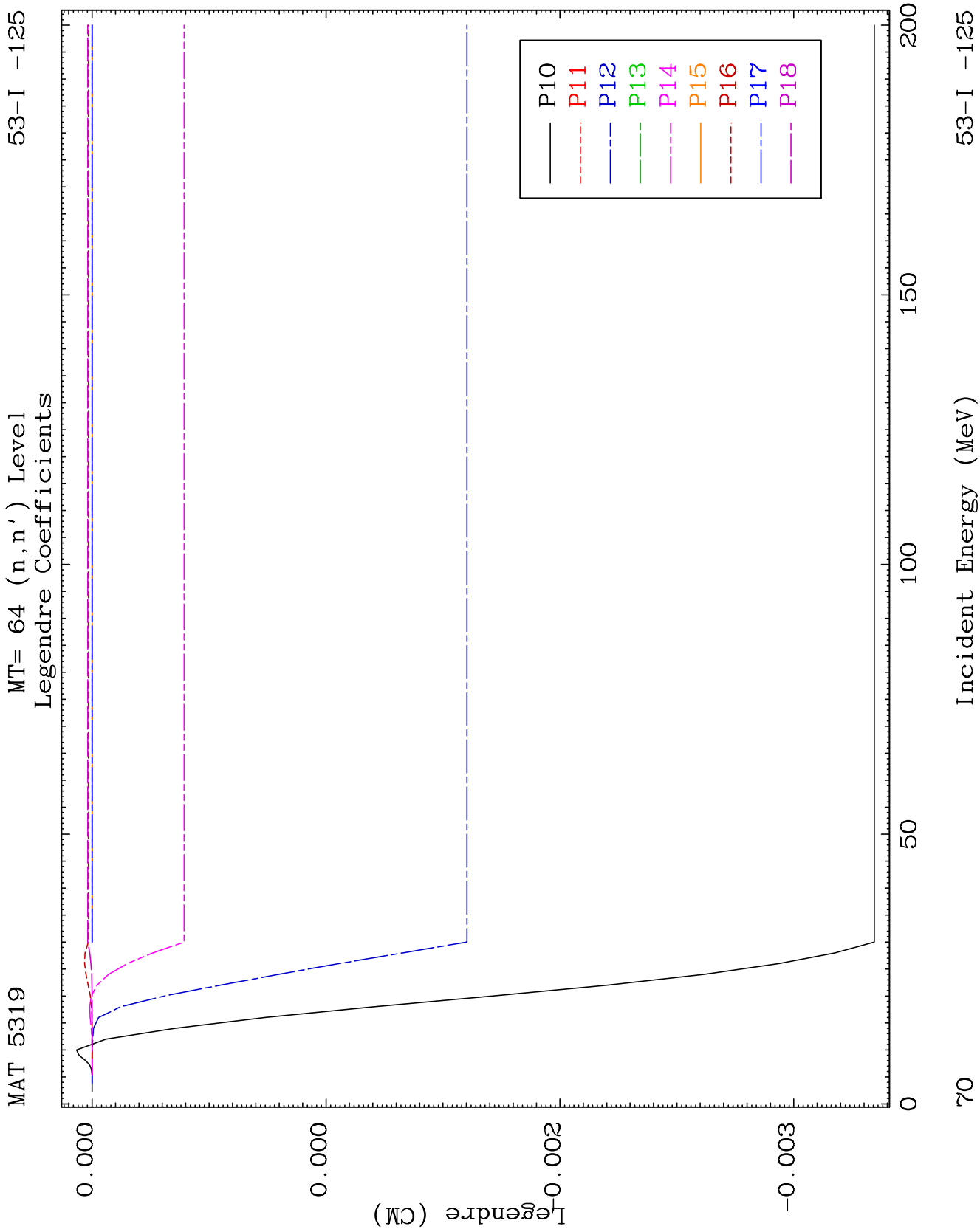


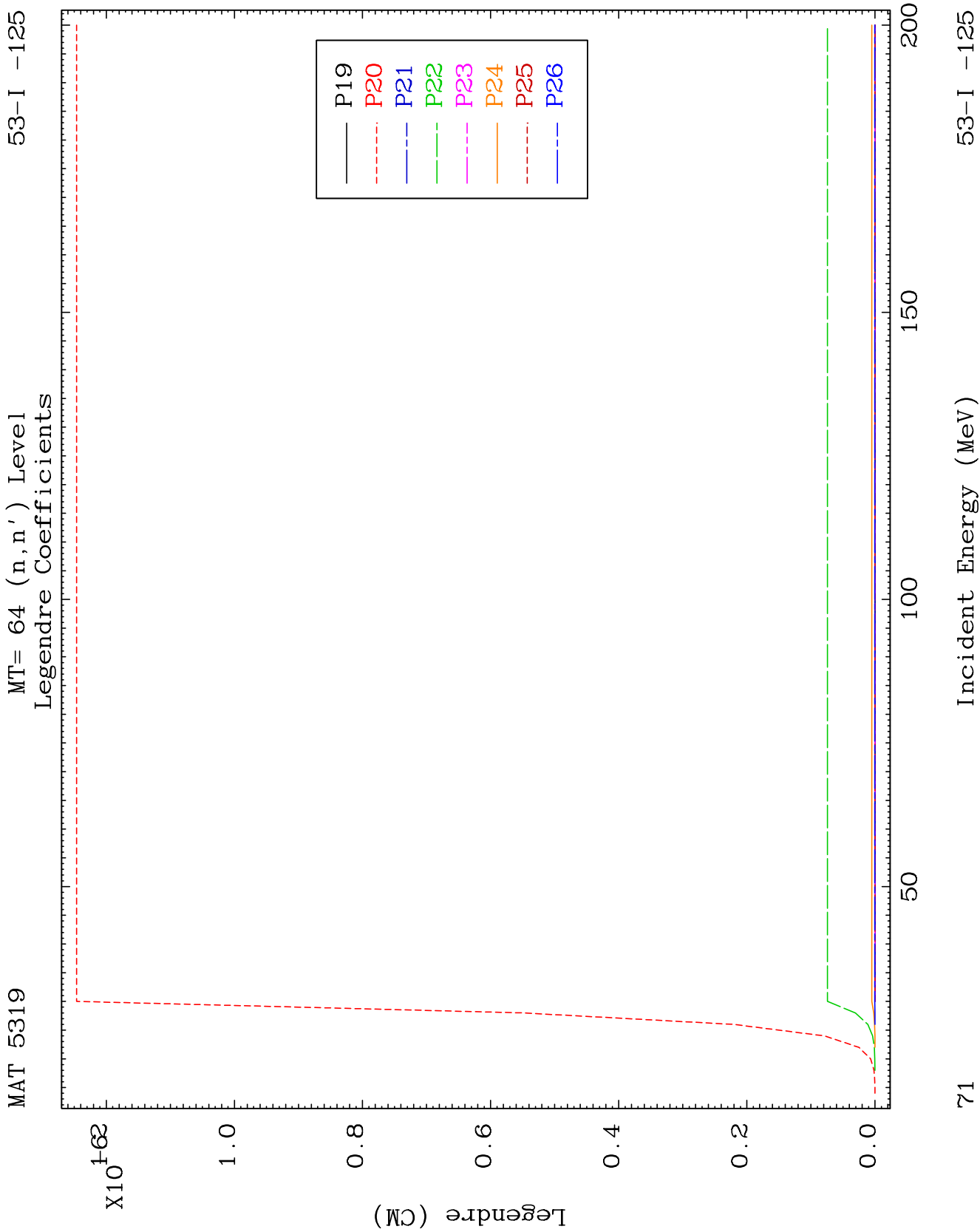
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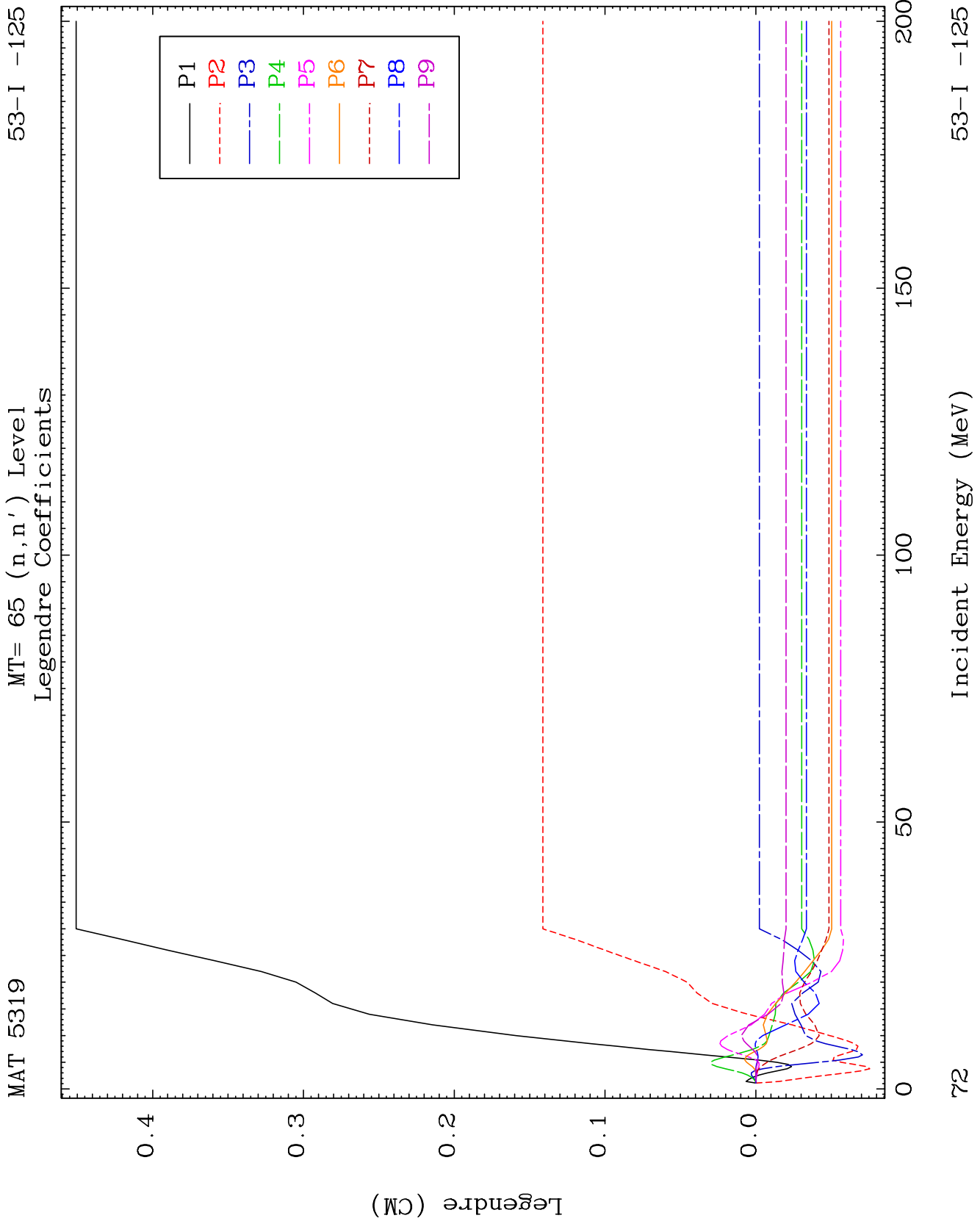
Incident Energy (MeV)

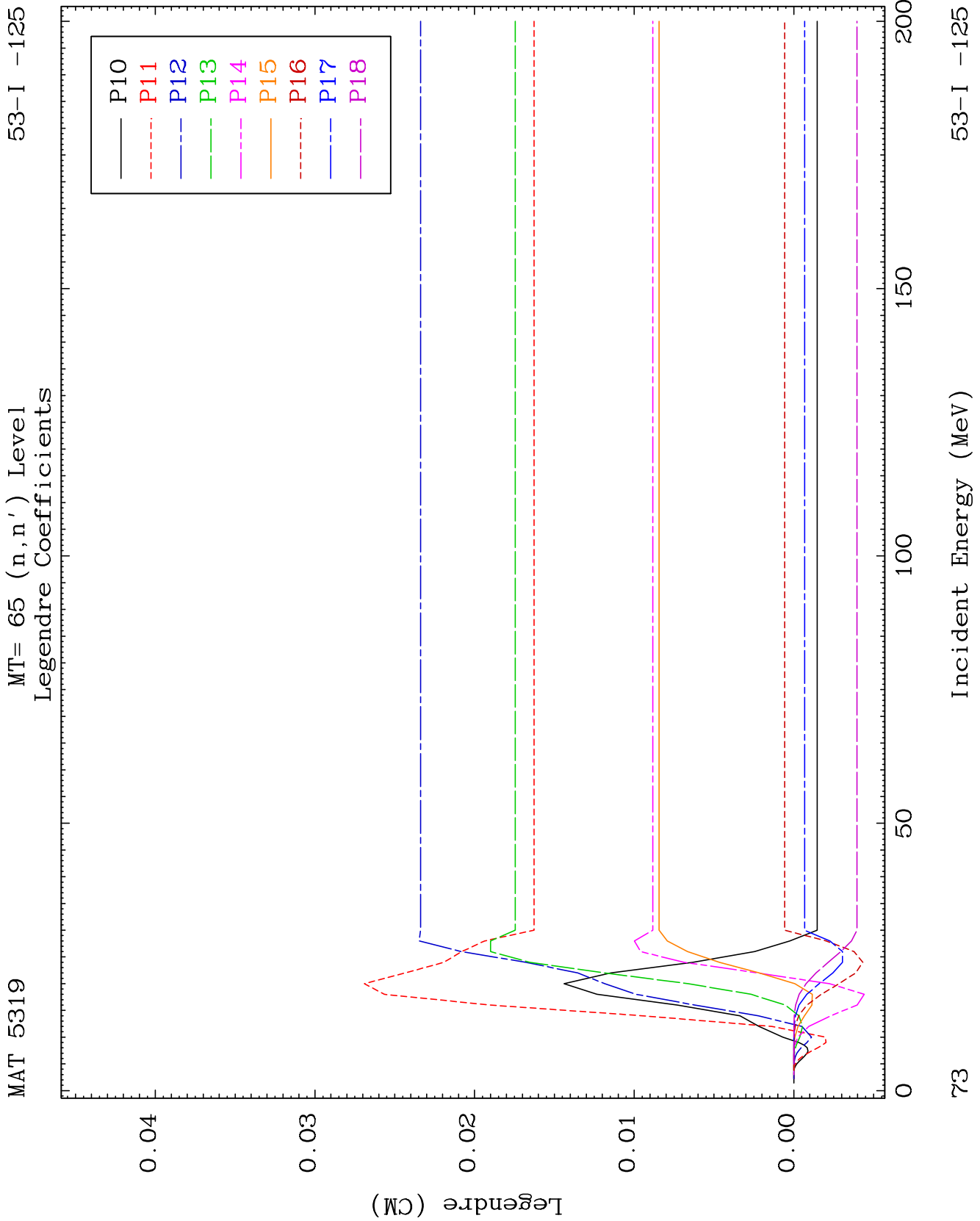
53-I -125

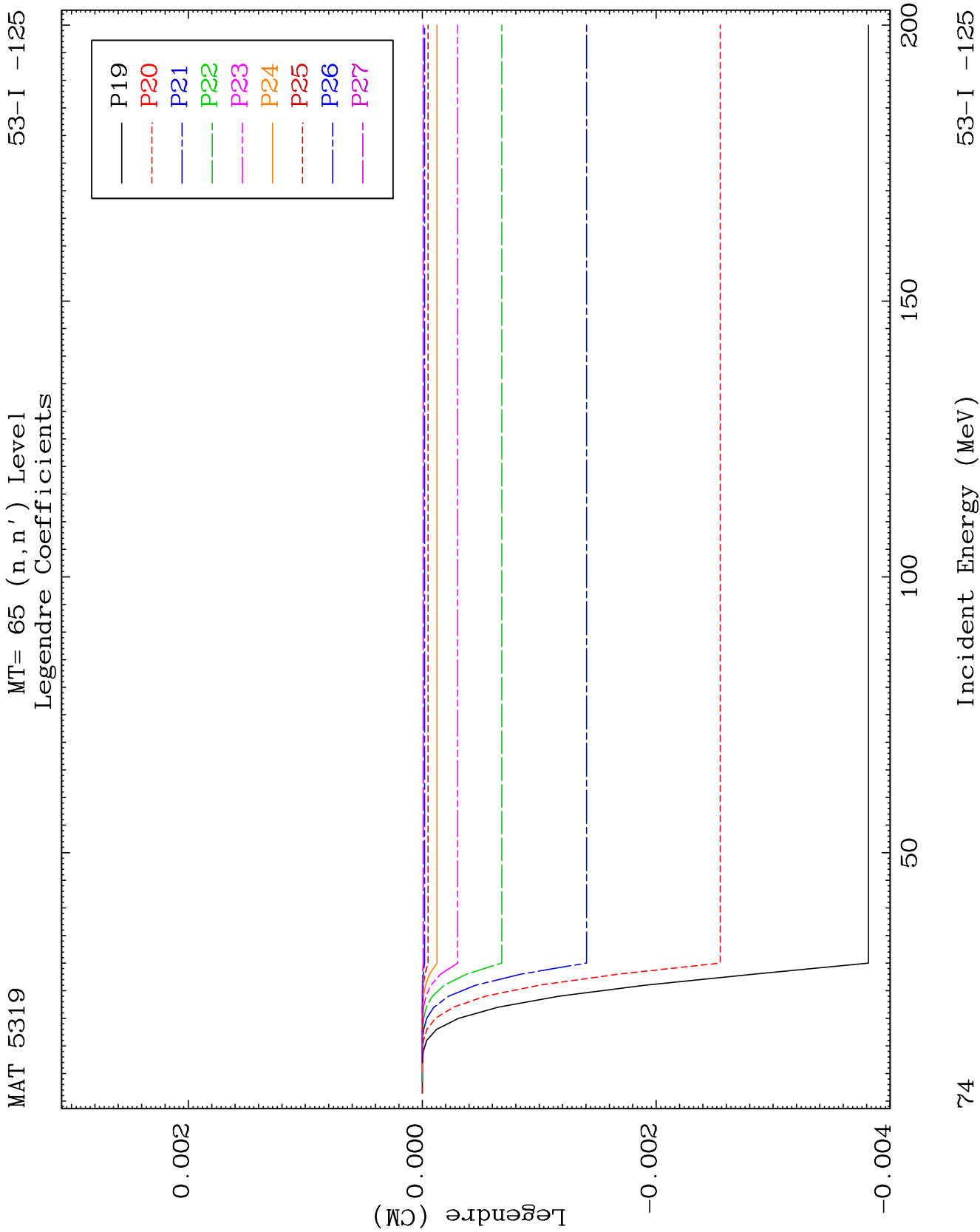


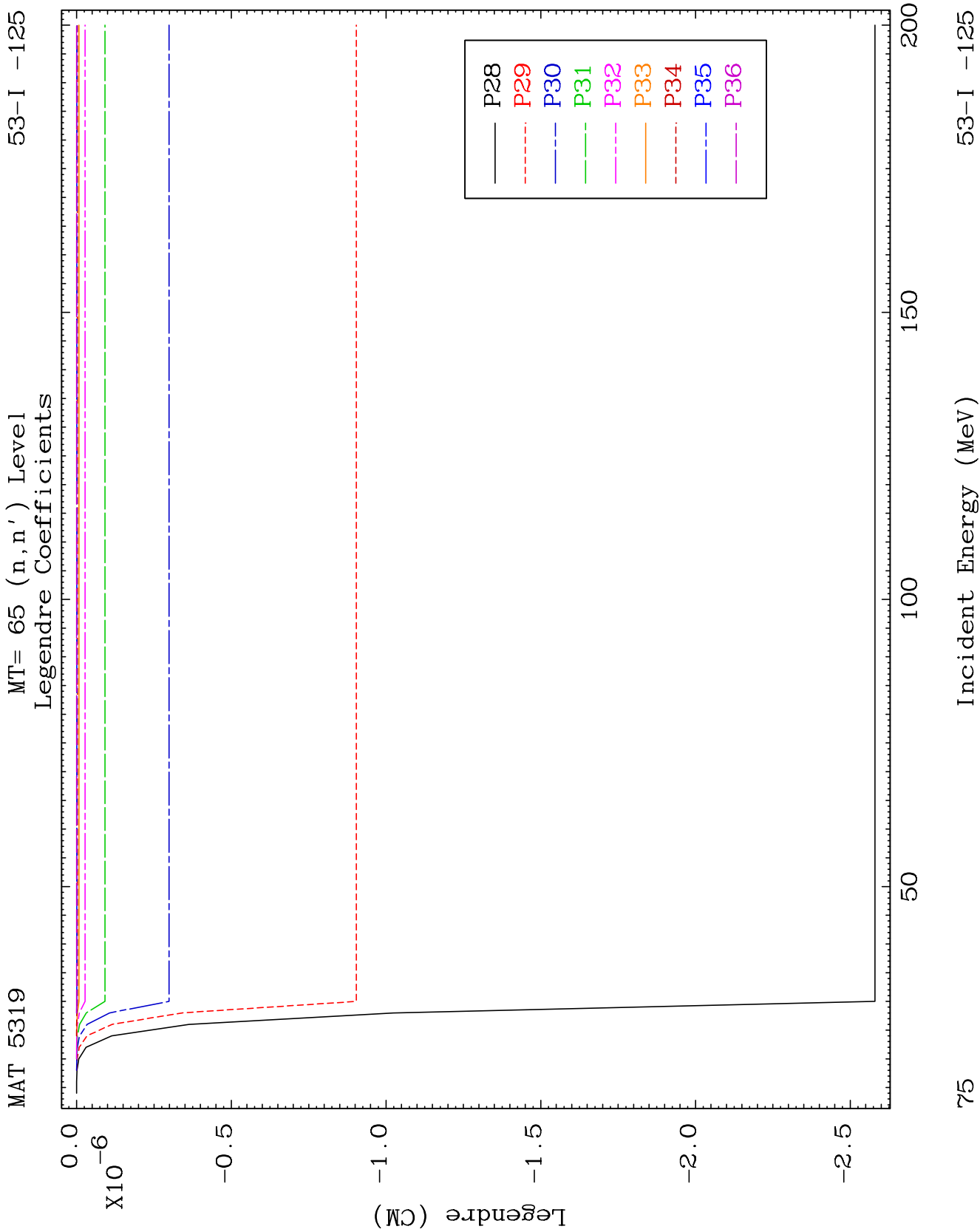


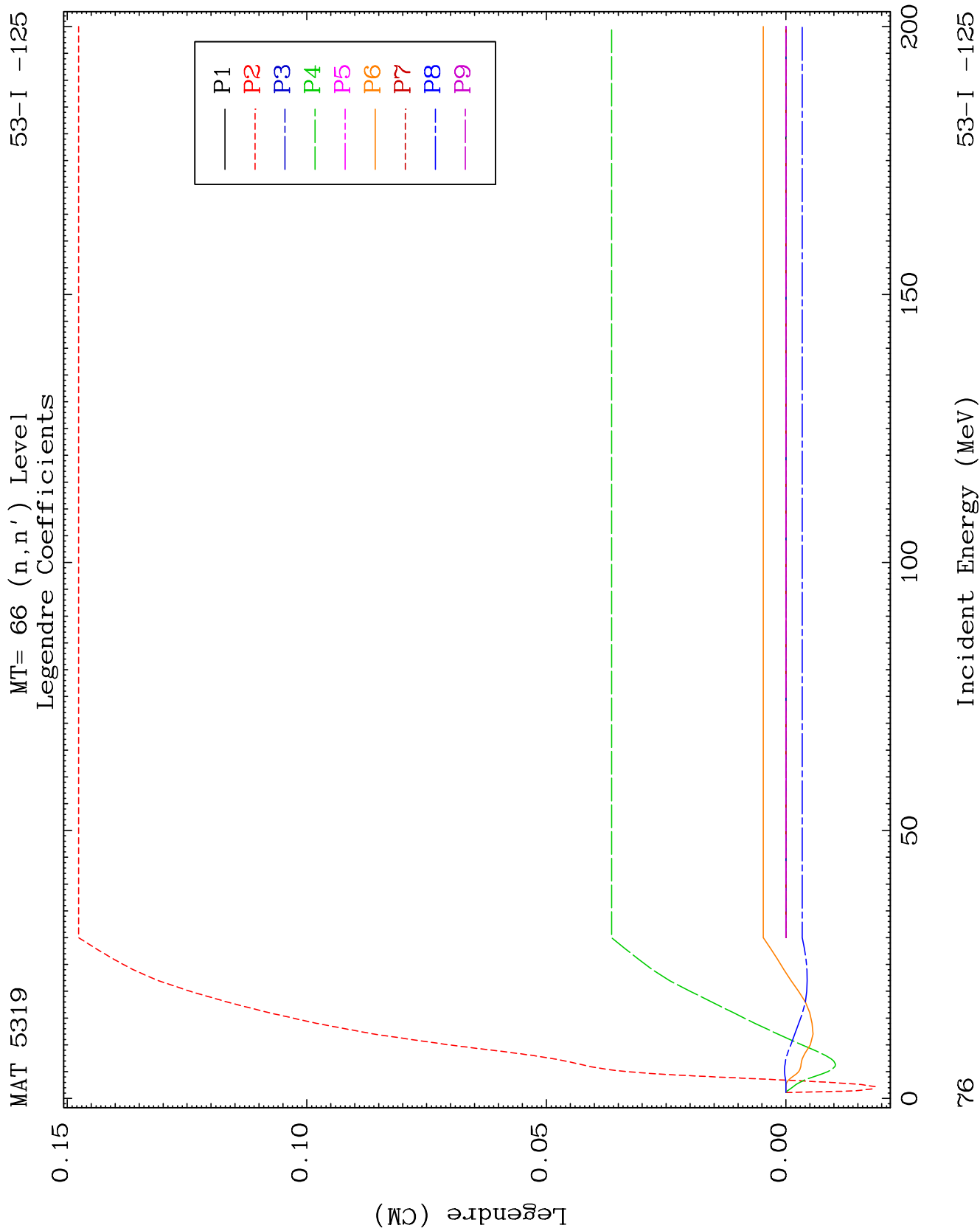


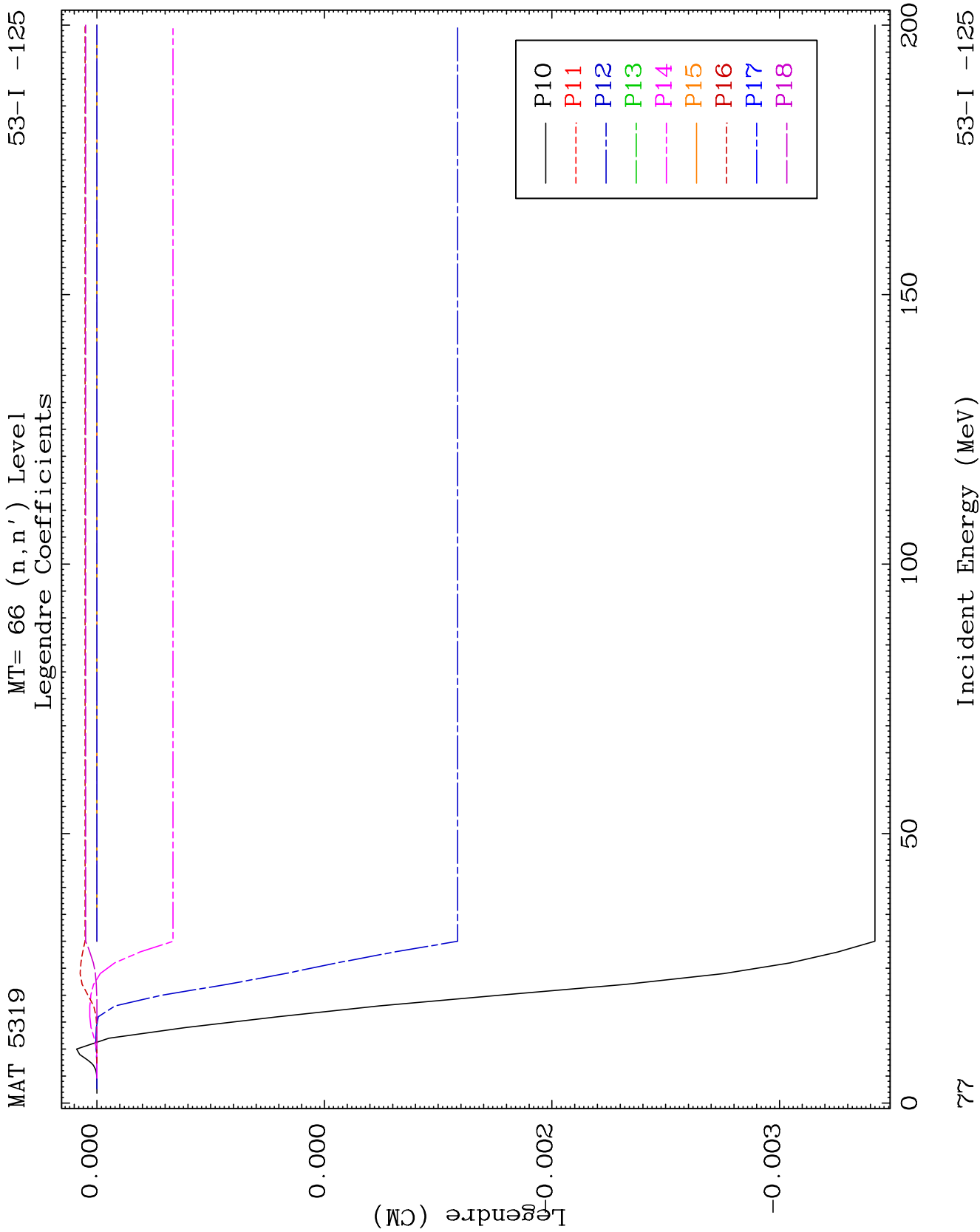


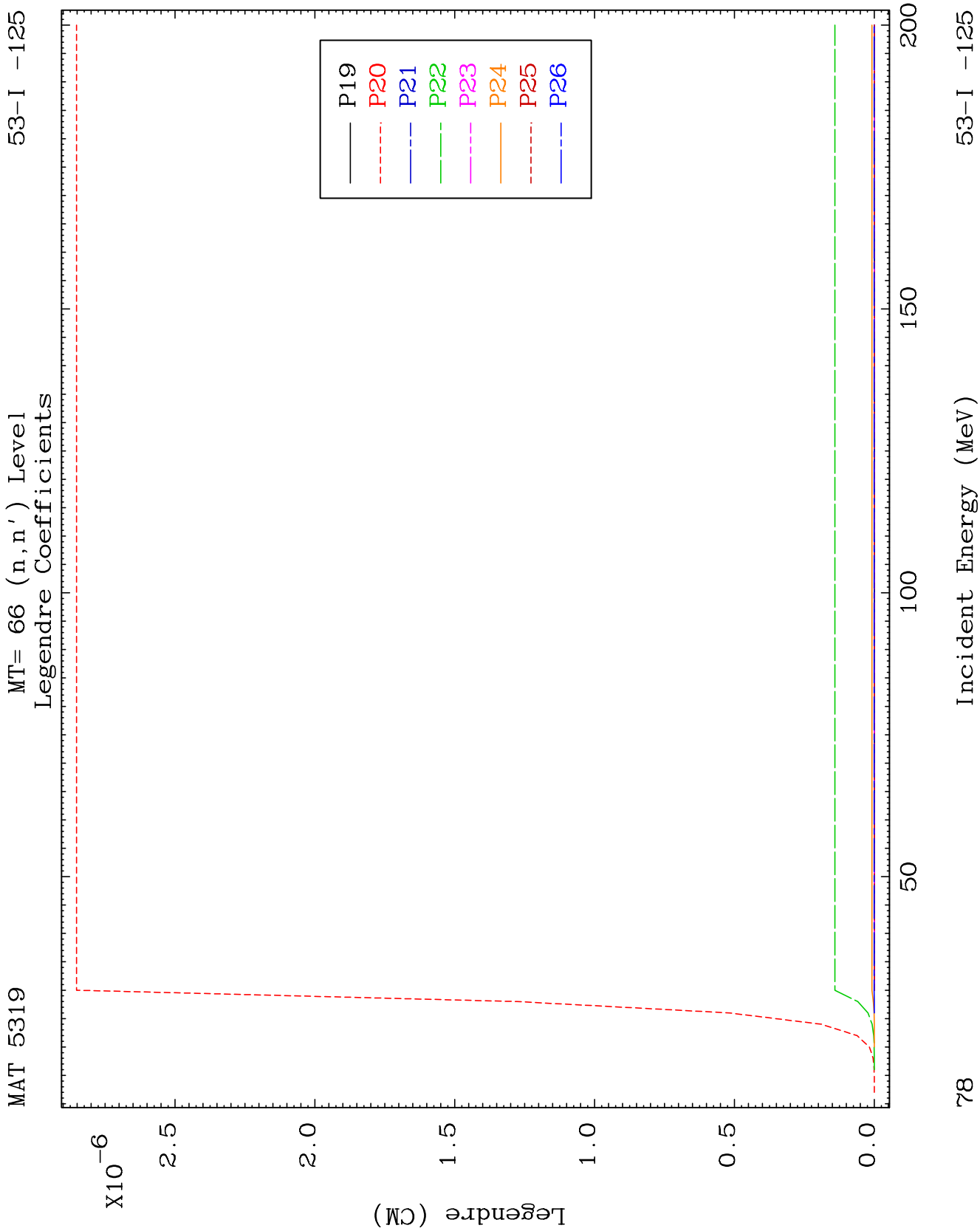


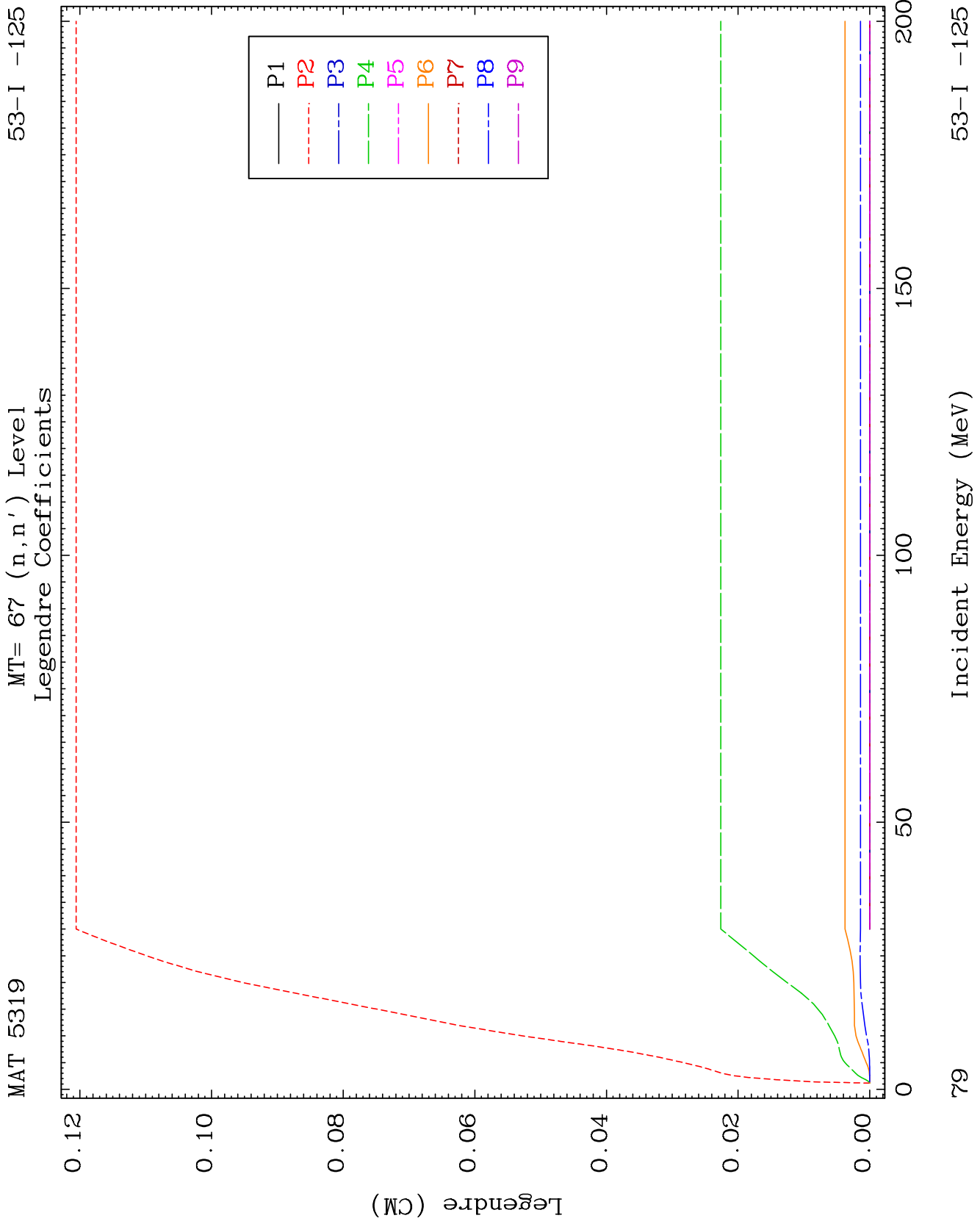


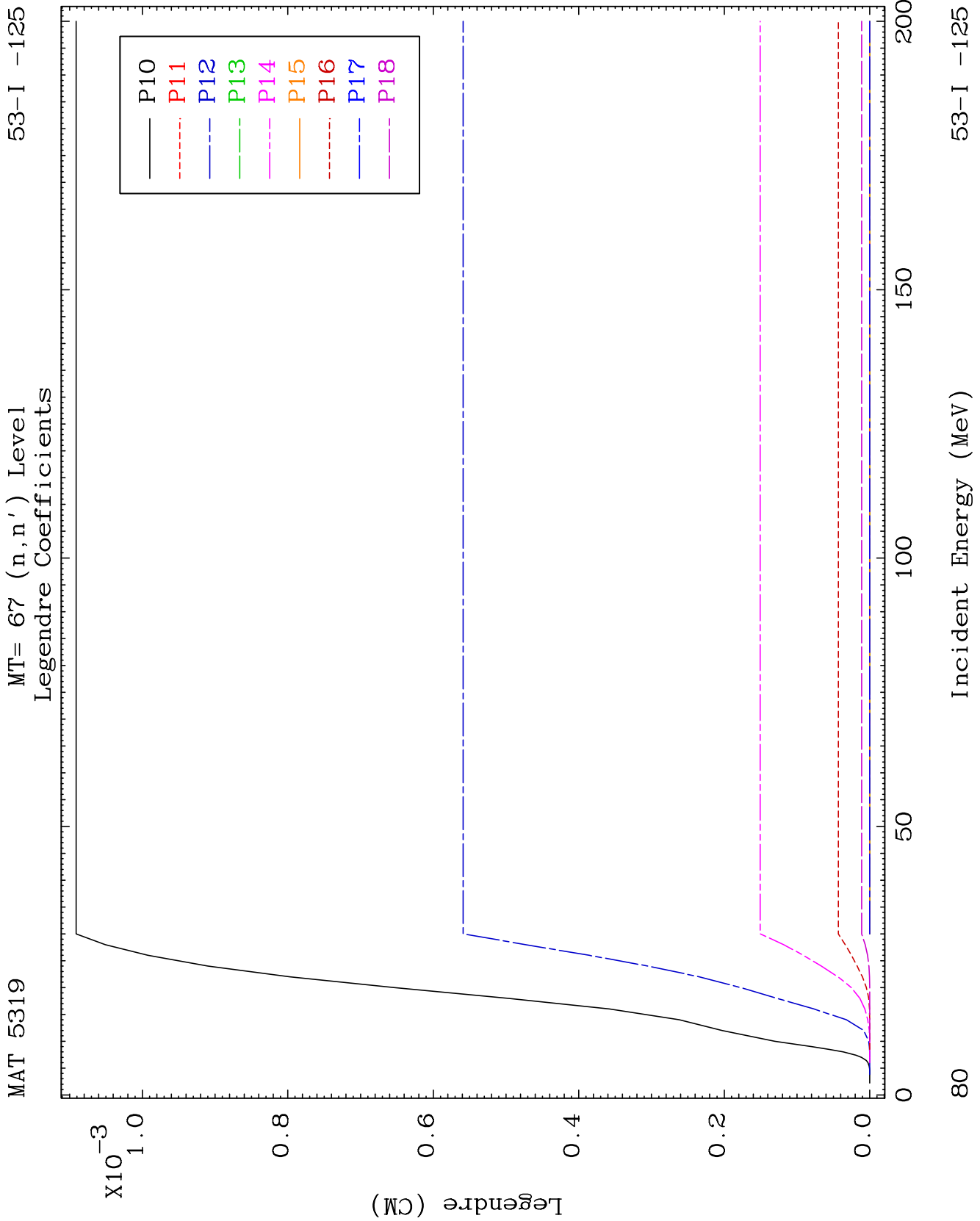


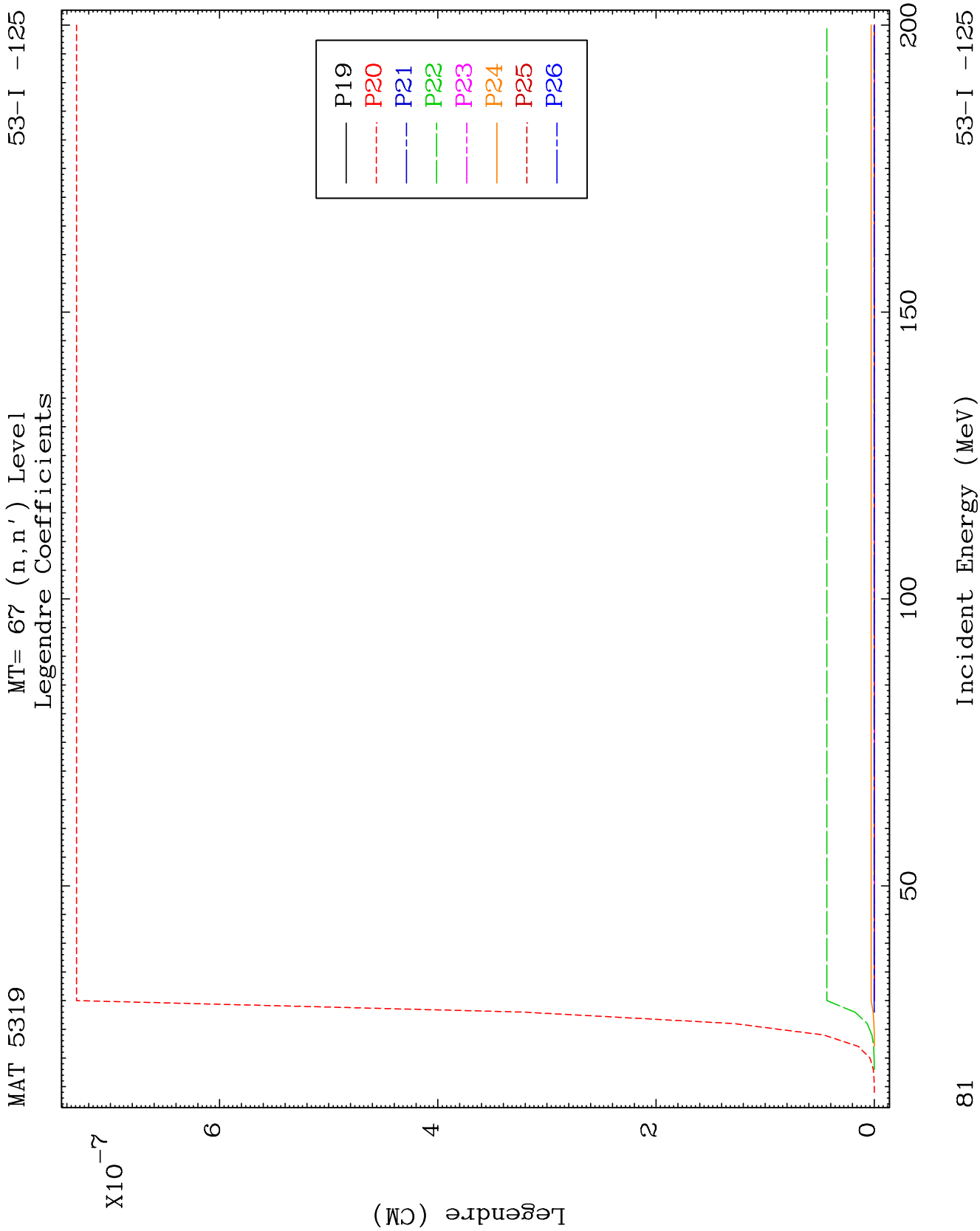








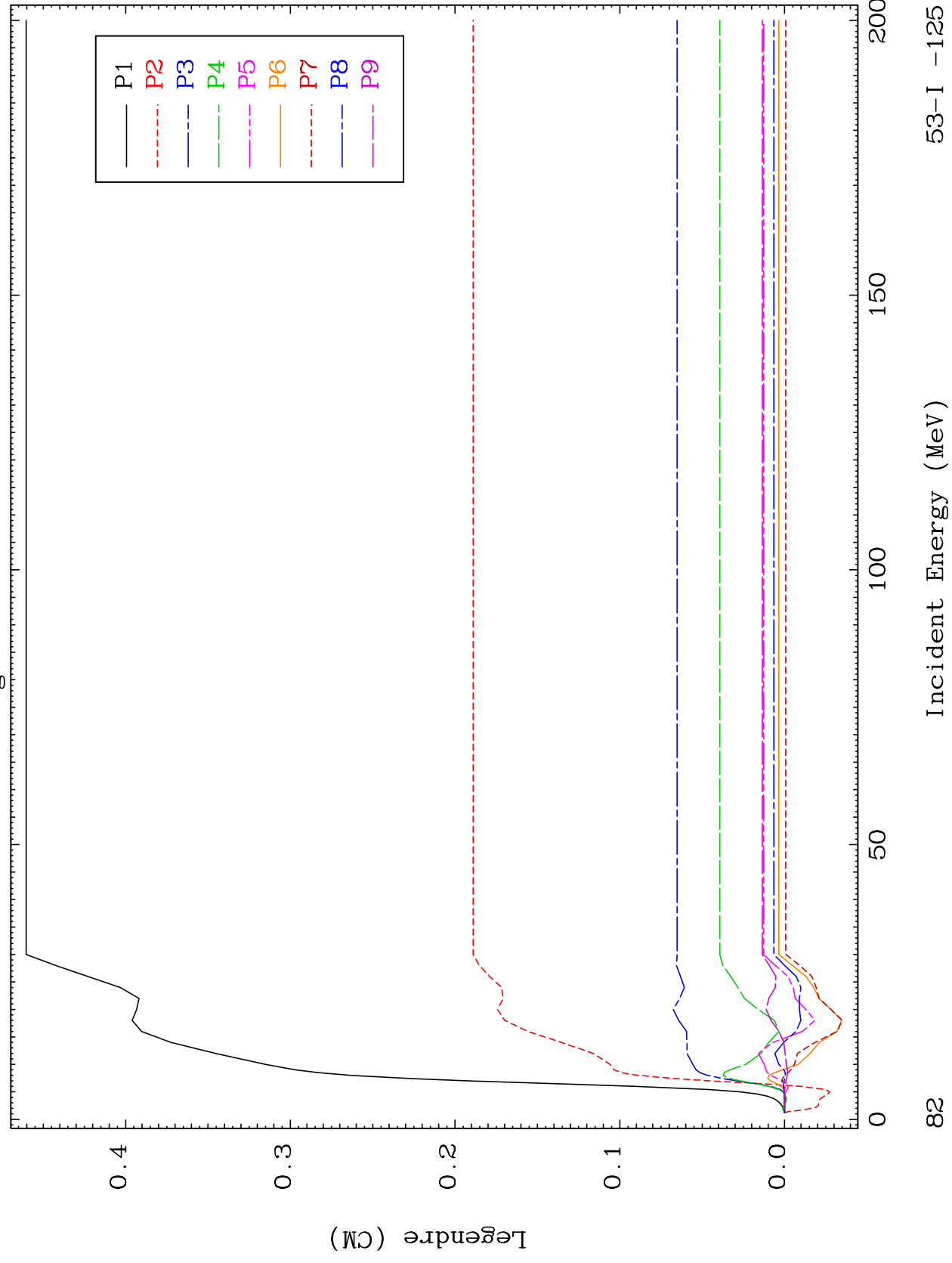


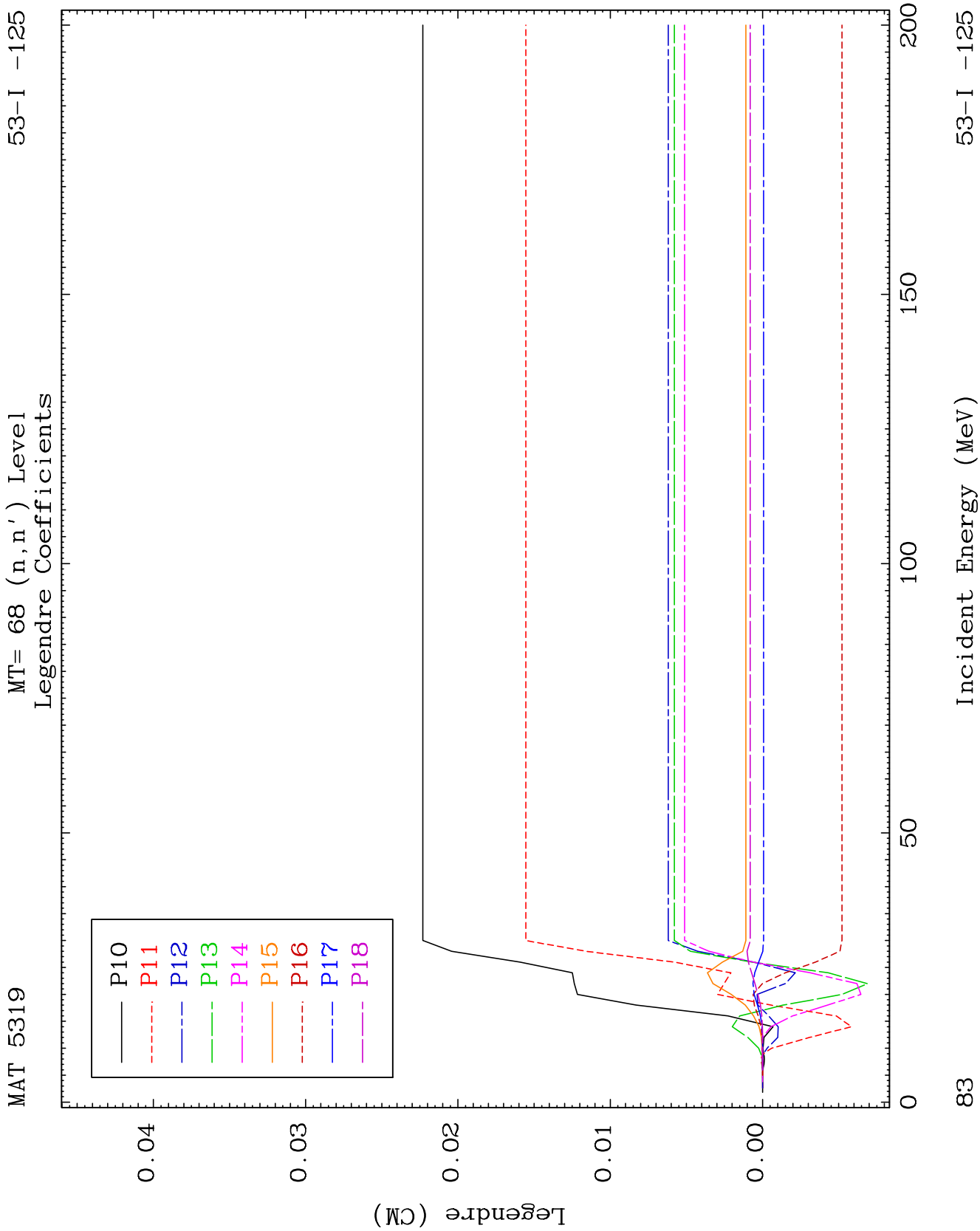


MAT 5319

MT= 68 (n, n') Level
Legendre Coefficients

53-I -125

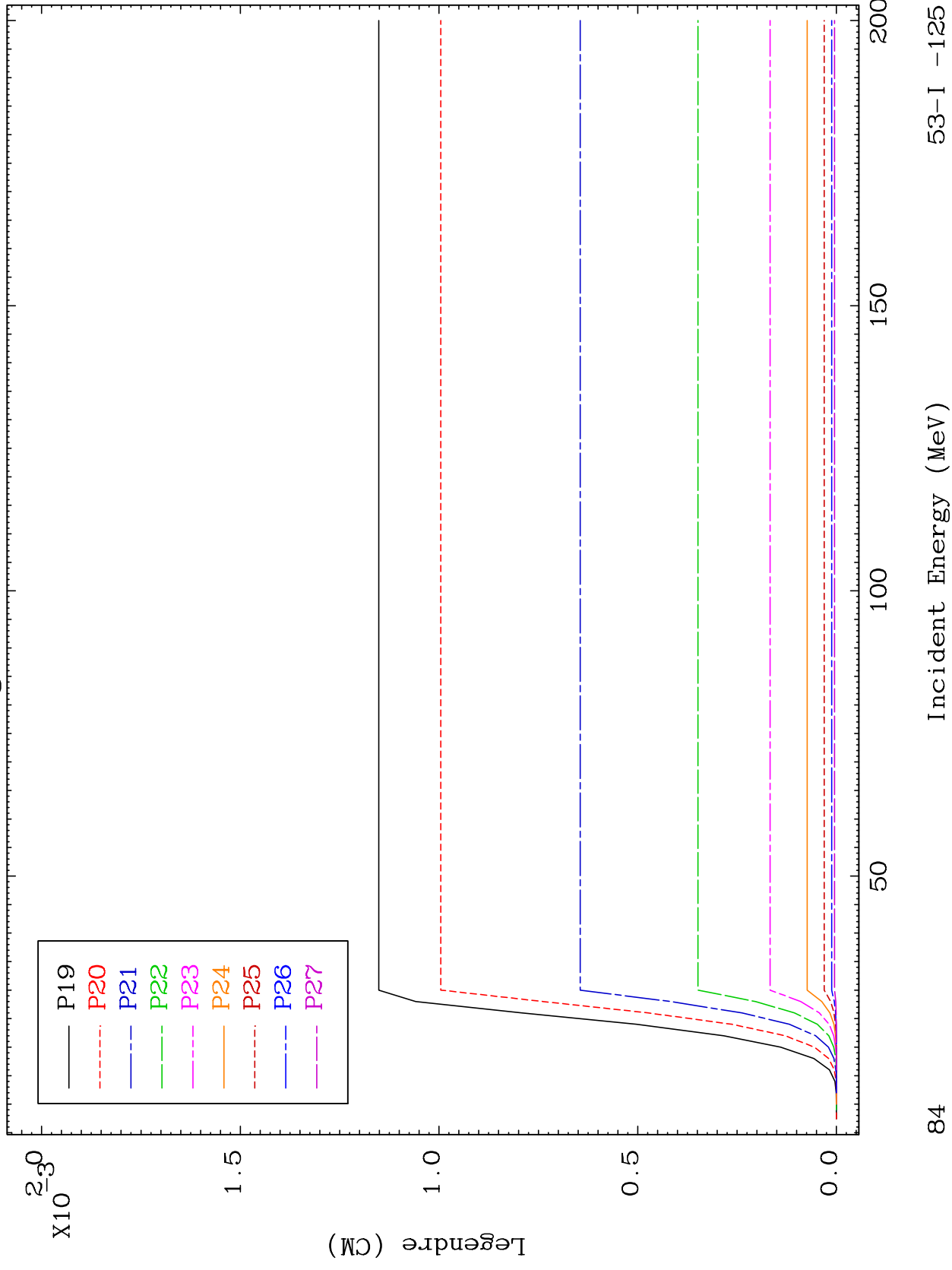


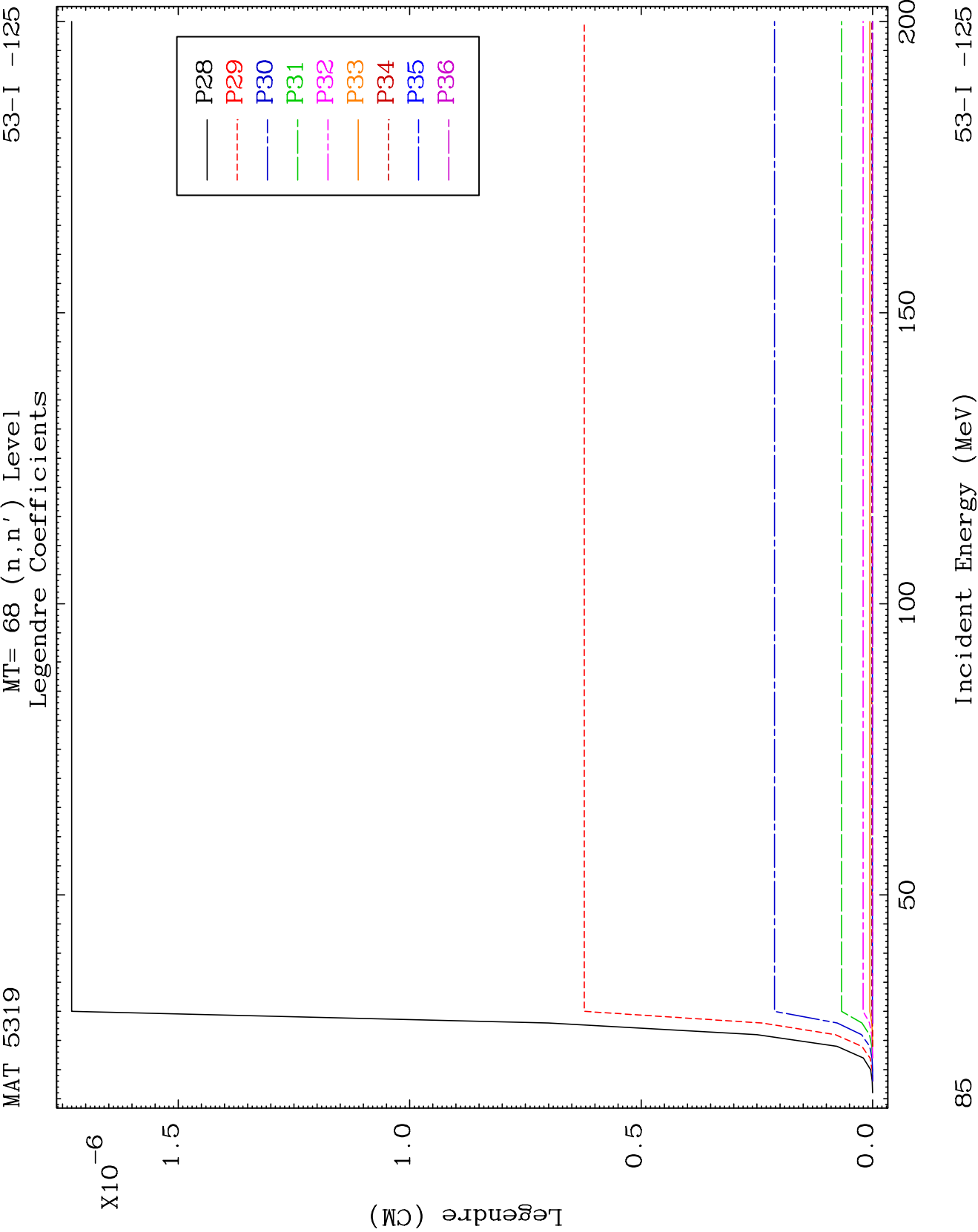


MAT 5319

MT= 68 (n, n') Level
Legendre Coefficients

53-I -125



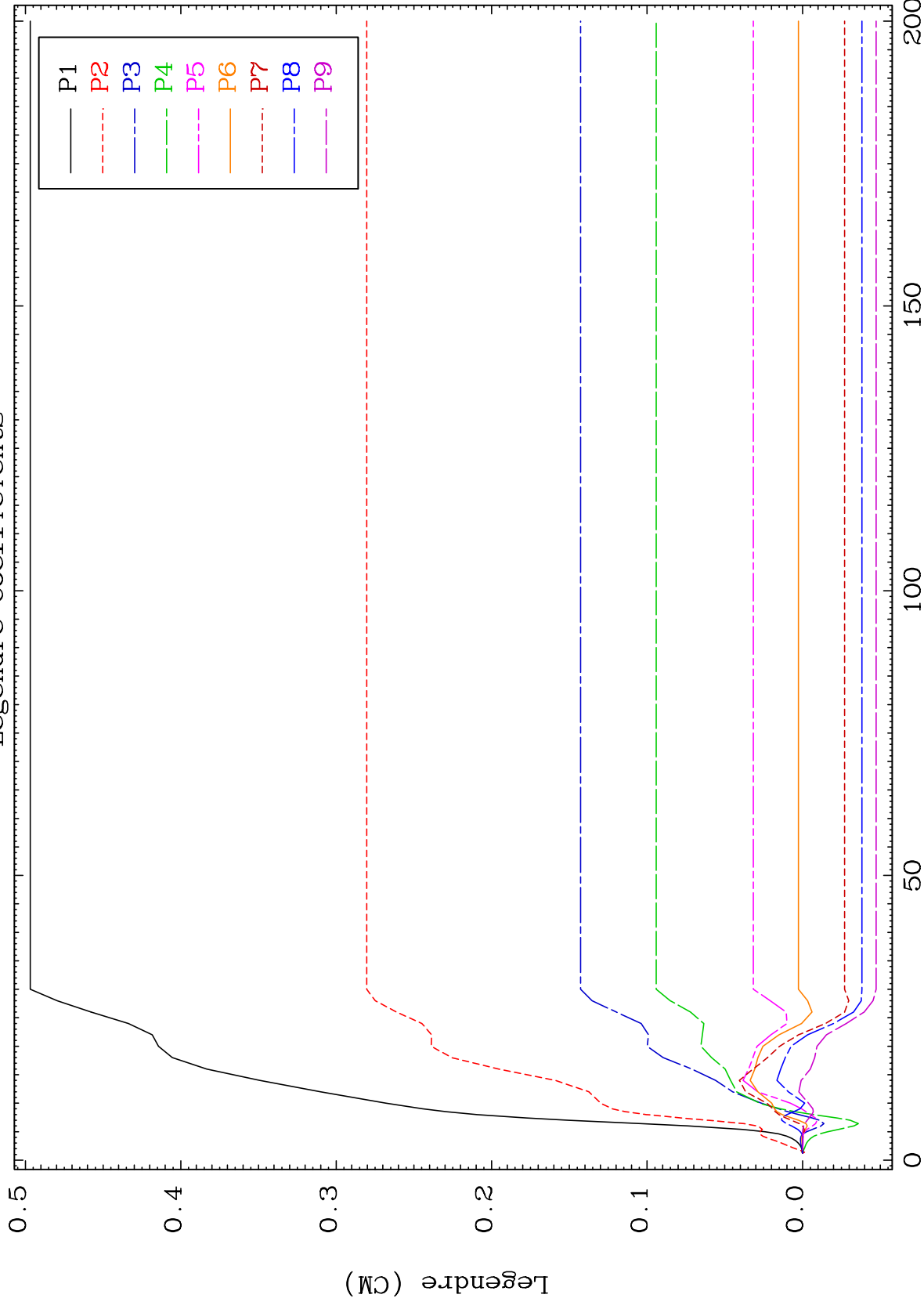


MAT 5319

MT= 69 (n, n') Level

53-I -125

Legendre Coefficients



88

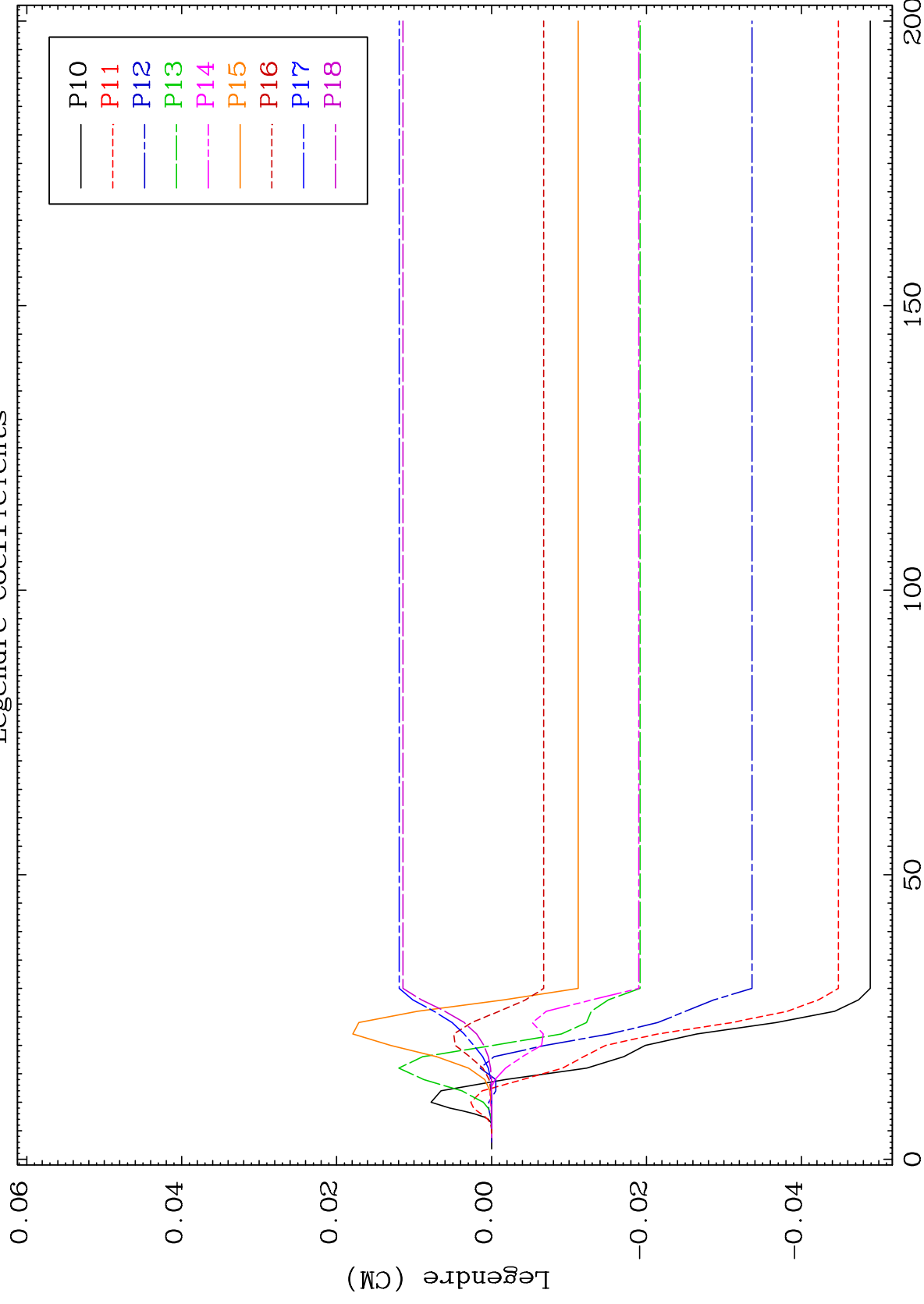
Incident Energy (MeV)

53-I -125

MAT 5319

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

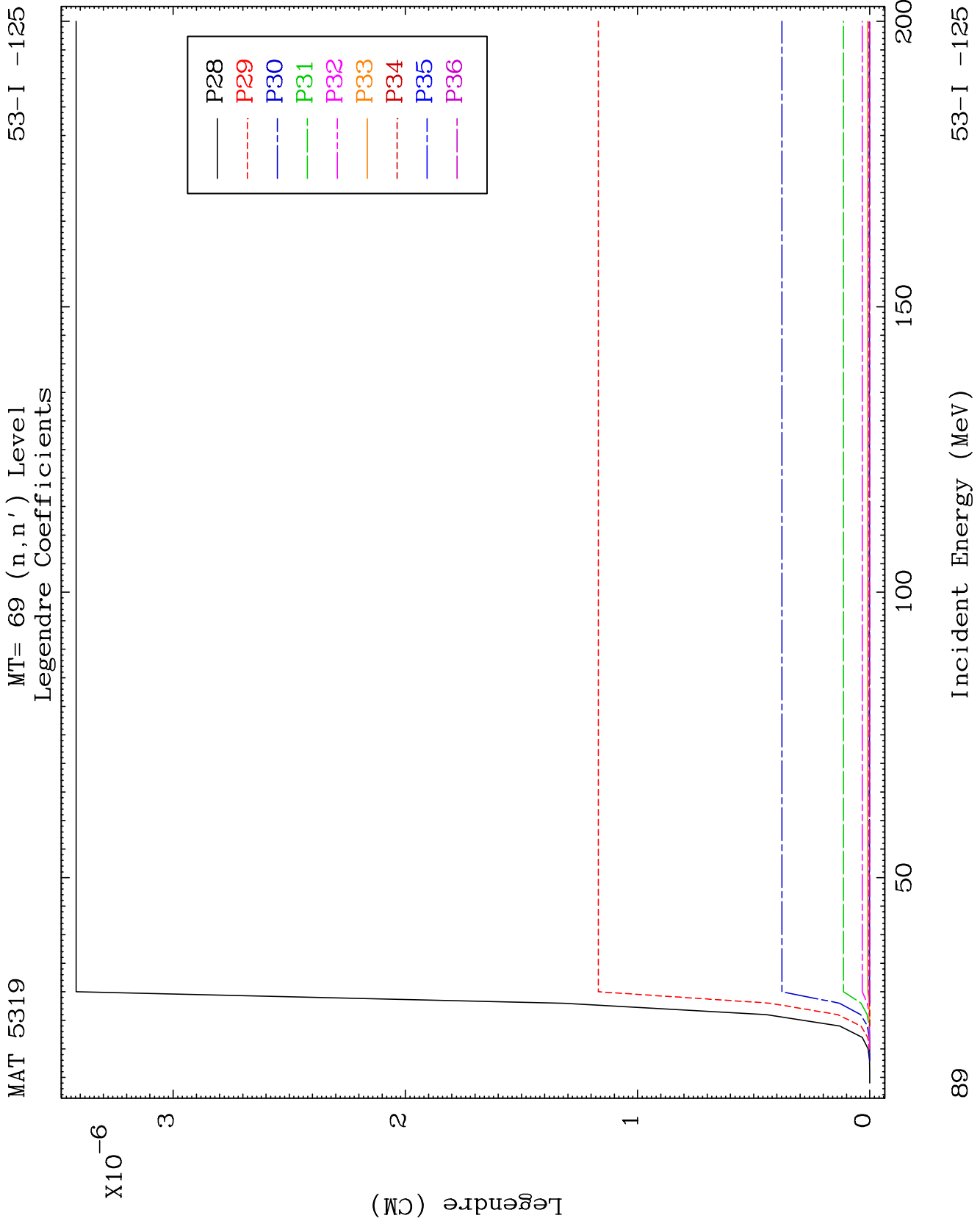
53-I -125



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Incident Energy (MeV)

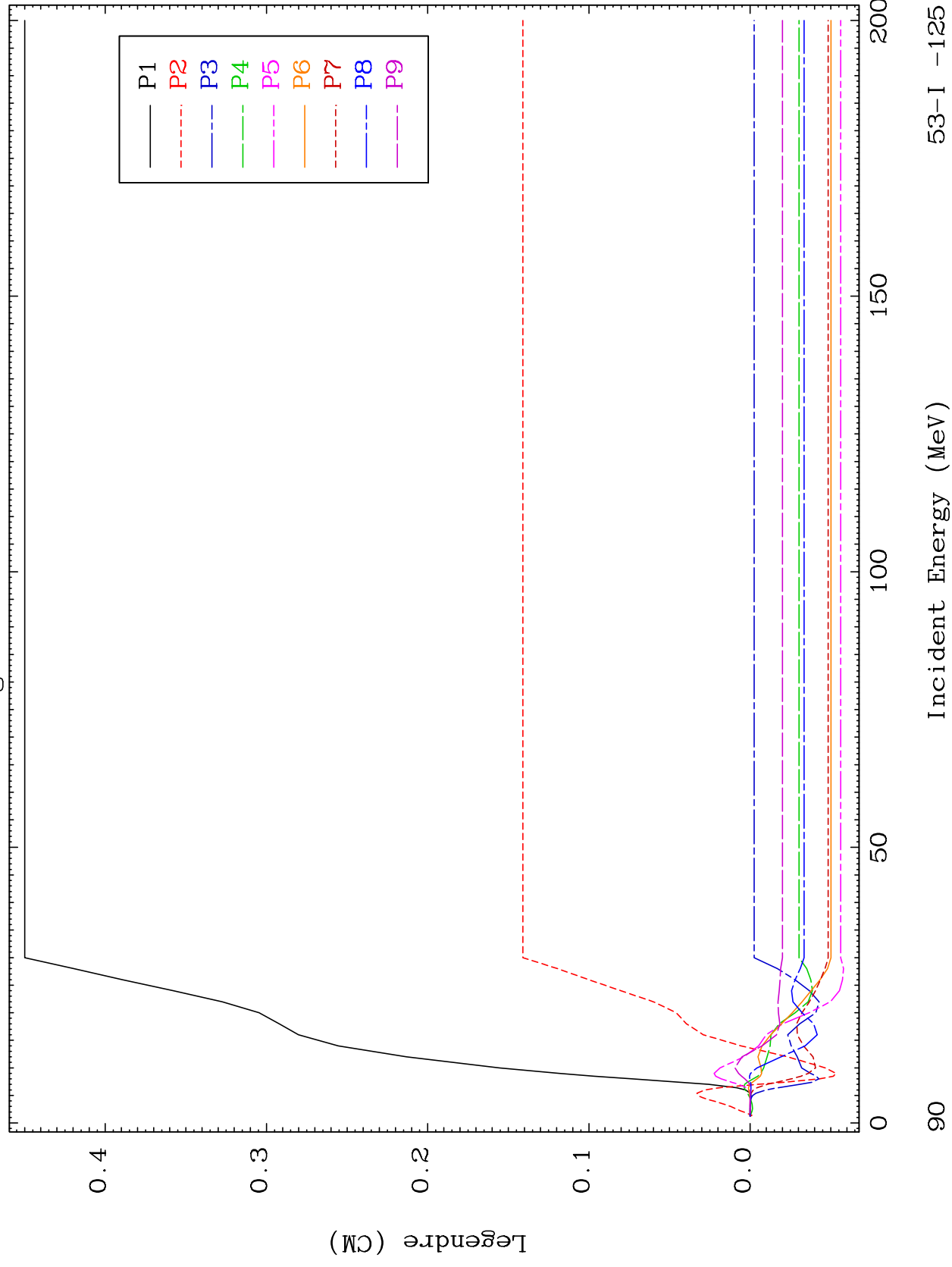
53-I -125

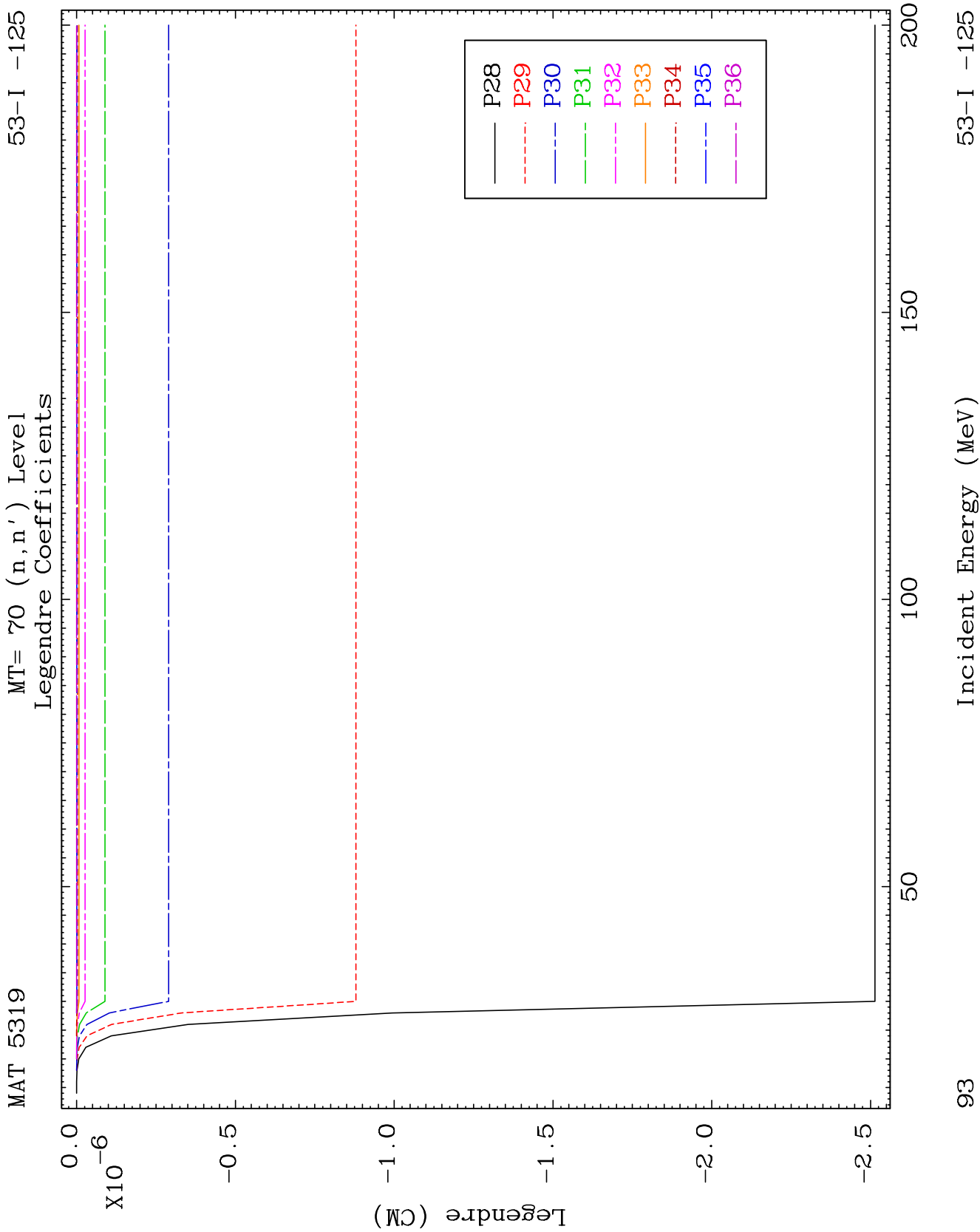


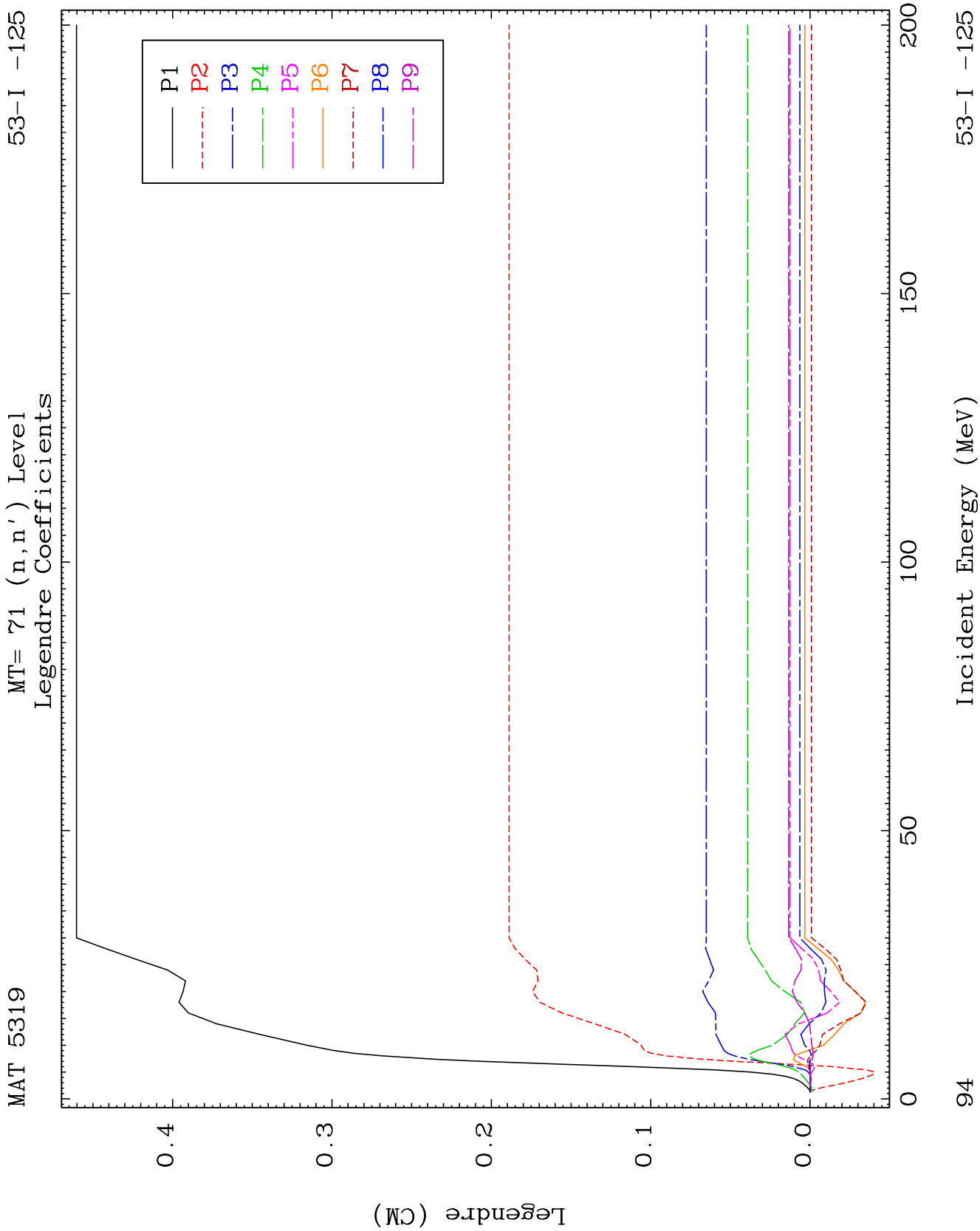
MAT 5319

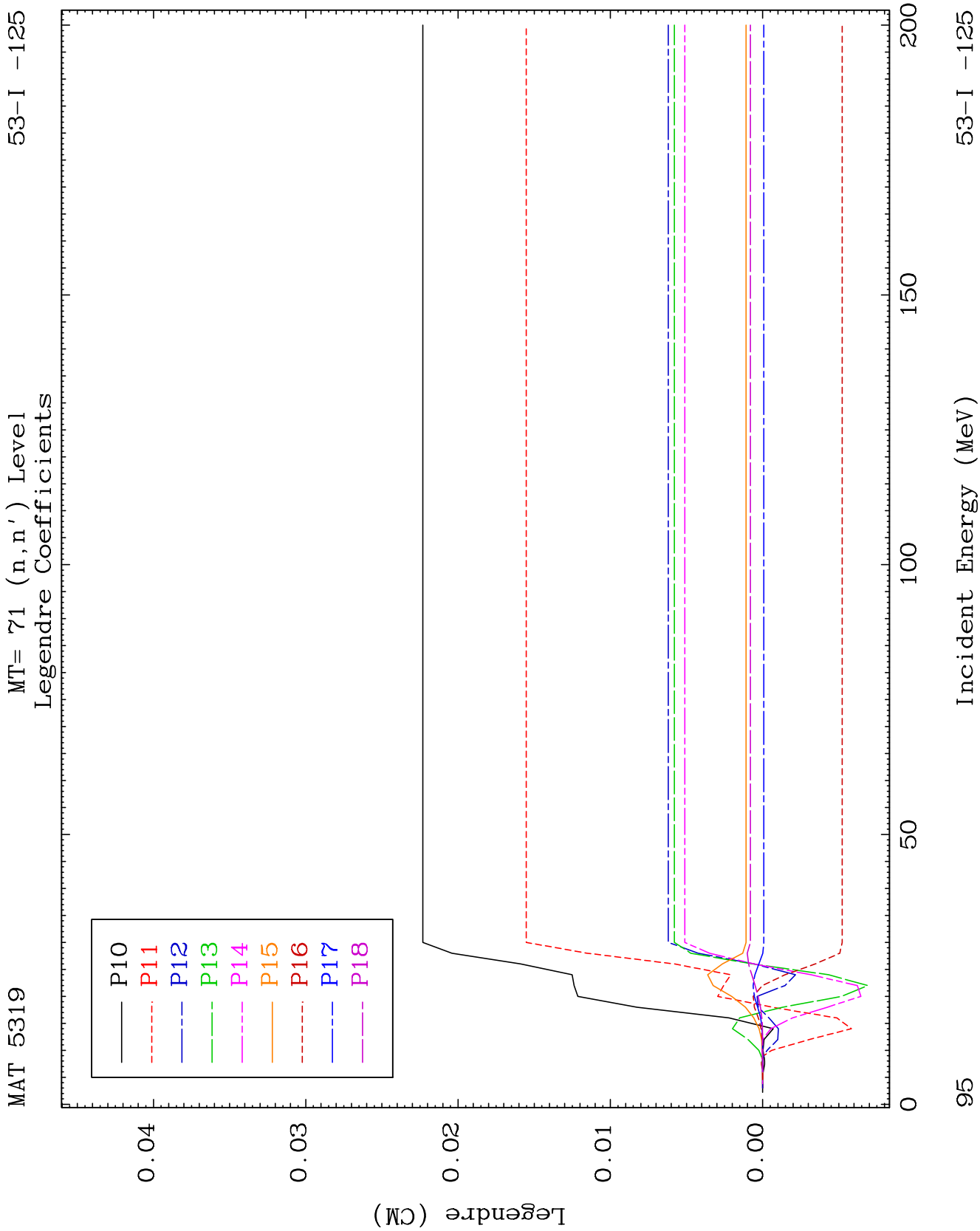
MT= 70 (n, n') Level
Legendre Coefficients

53-I -125





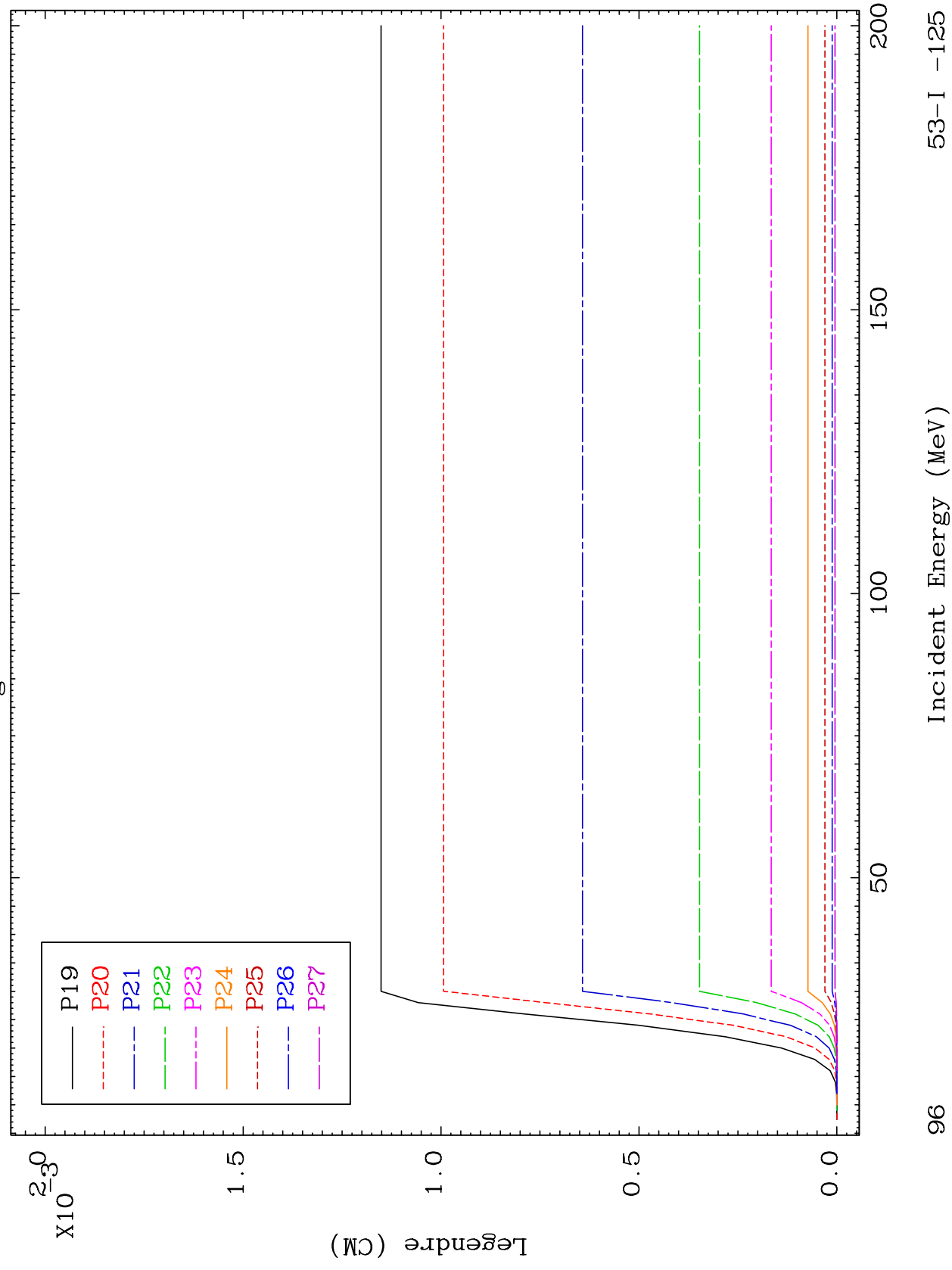




MAT 5319

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

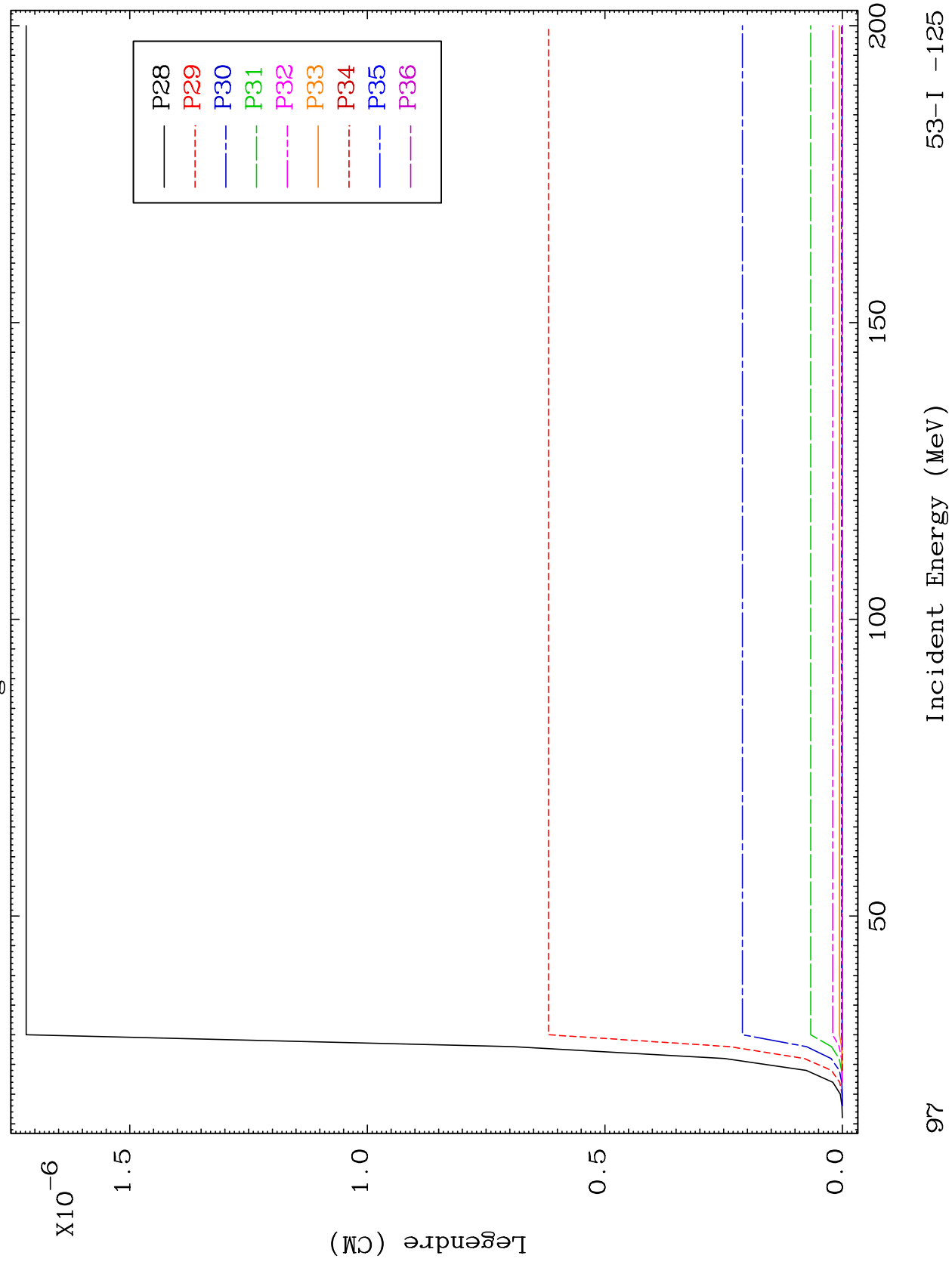
53-I -125



MAT 5319

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

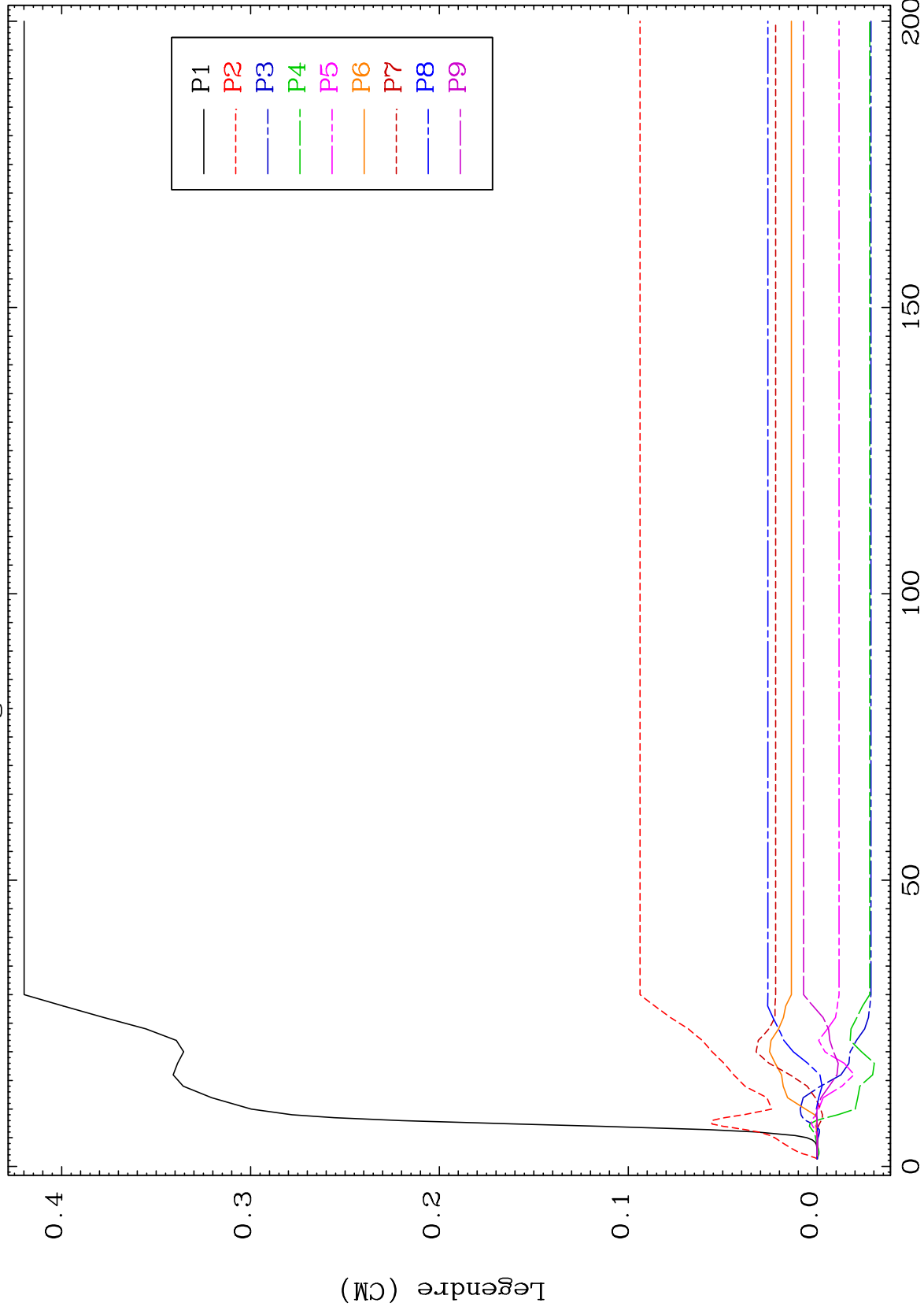
53-I -125



MAT 5319

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

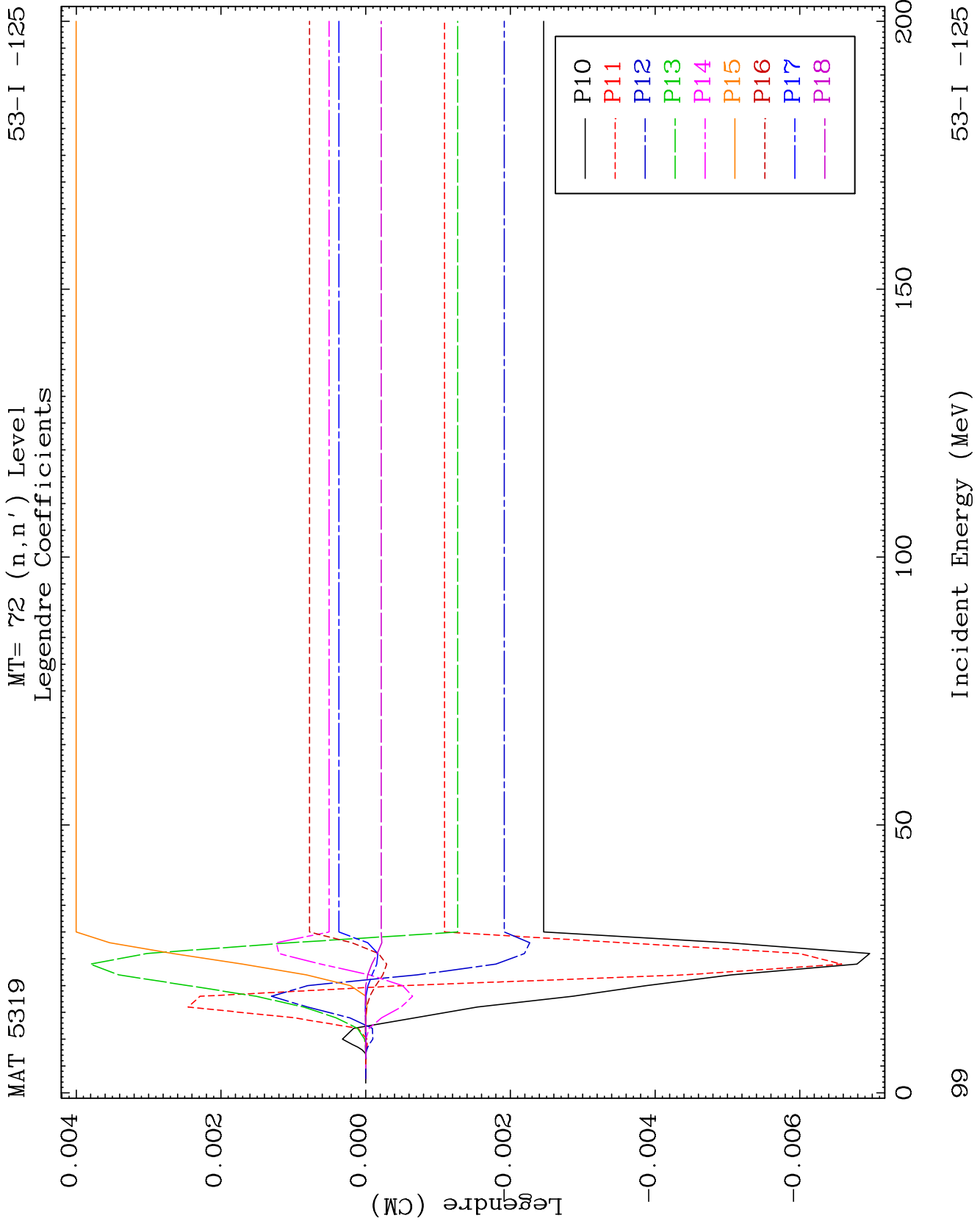
53-I -125

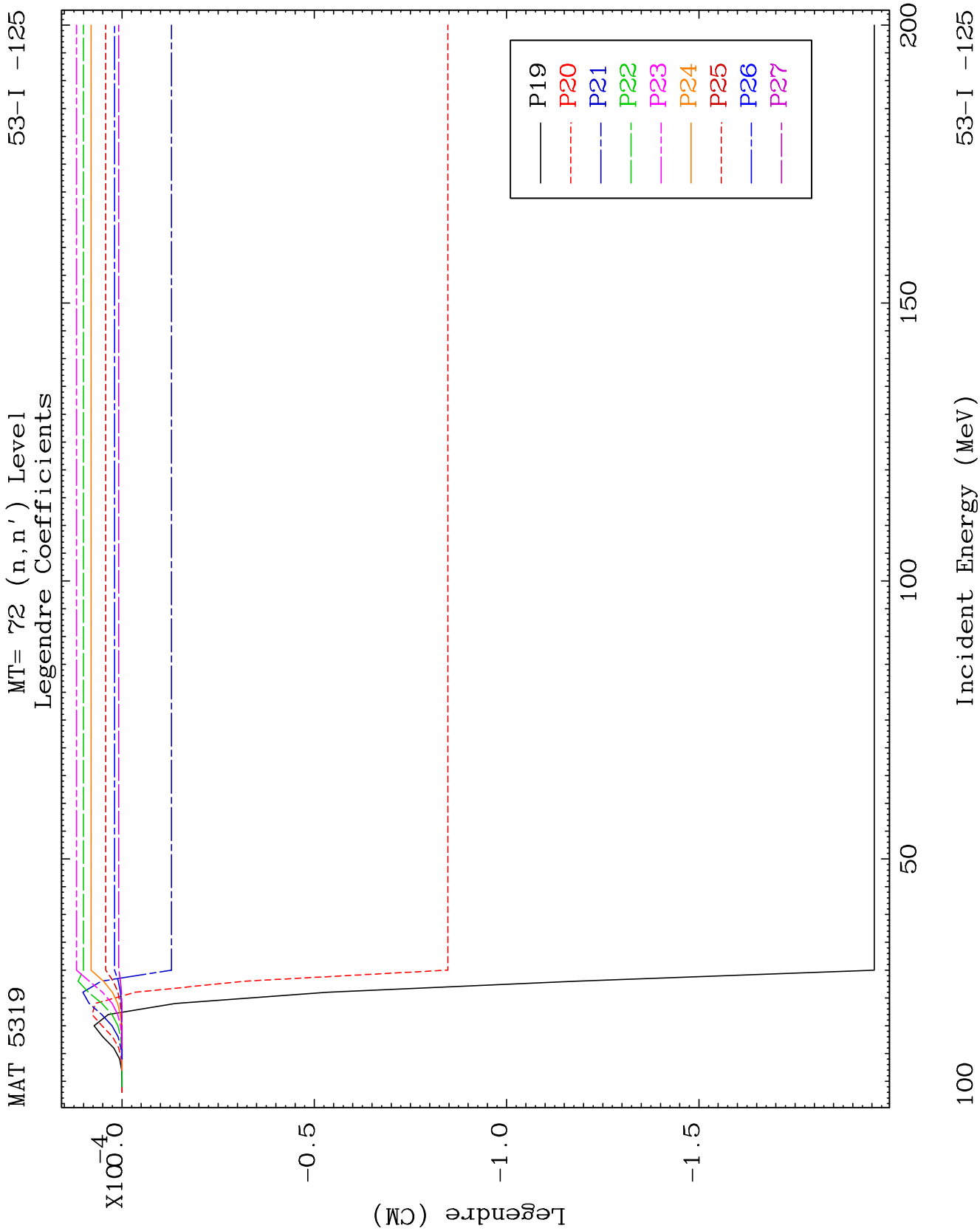


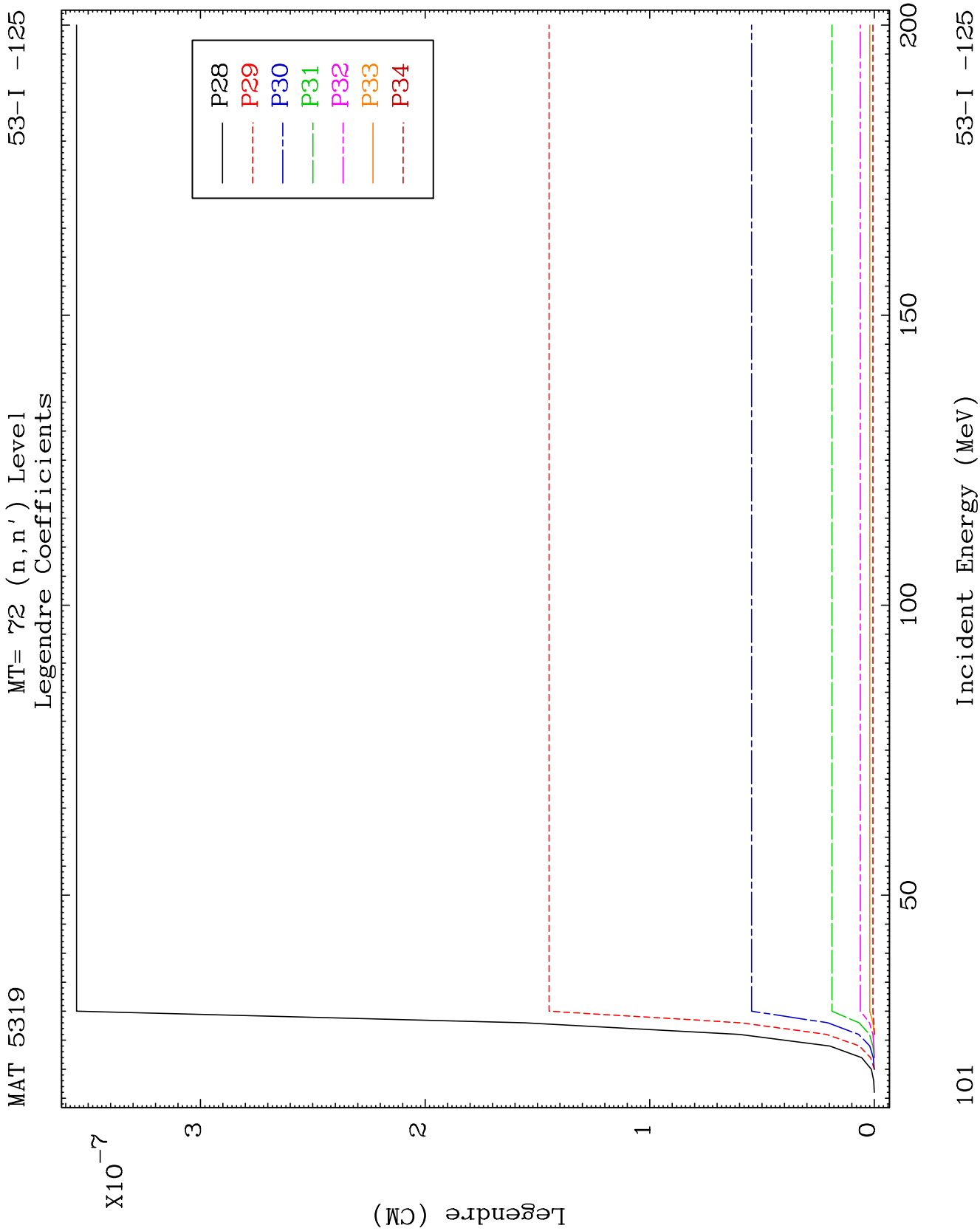
Incident Energy (MeV)

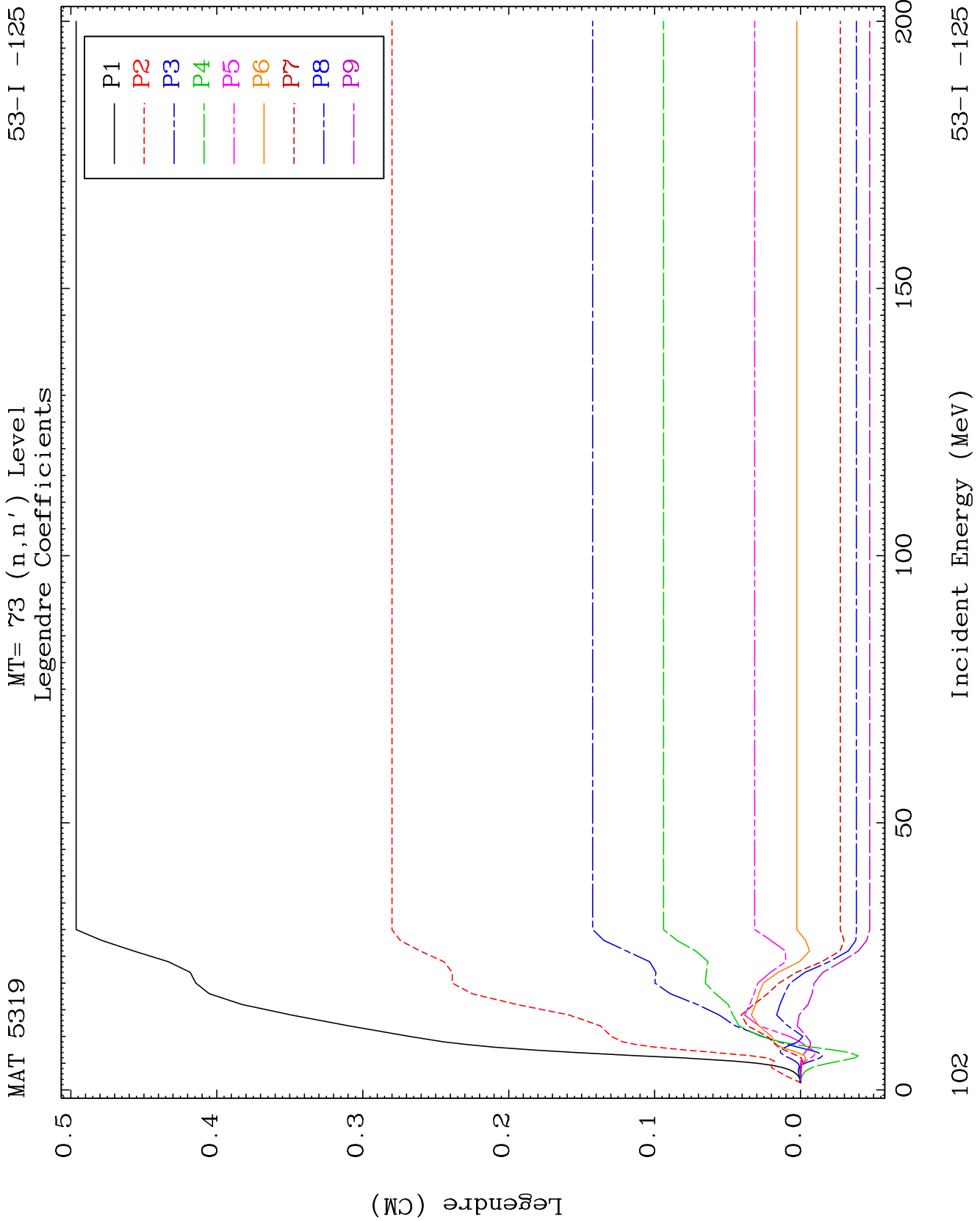
53-I -125

98





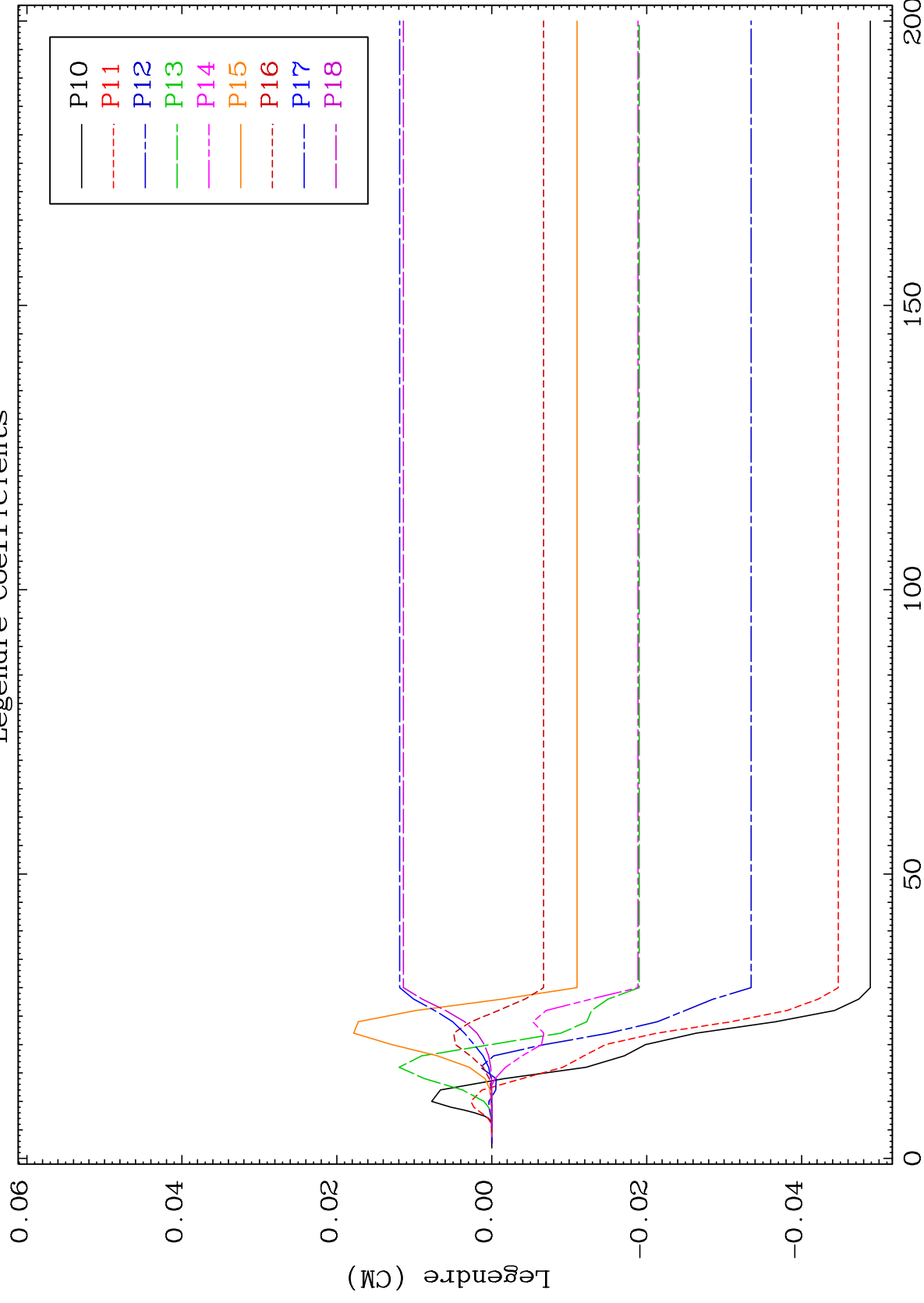




MAT 5319

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

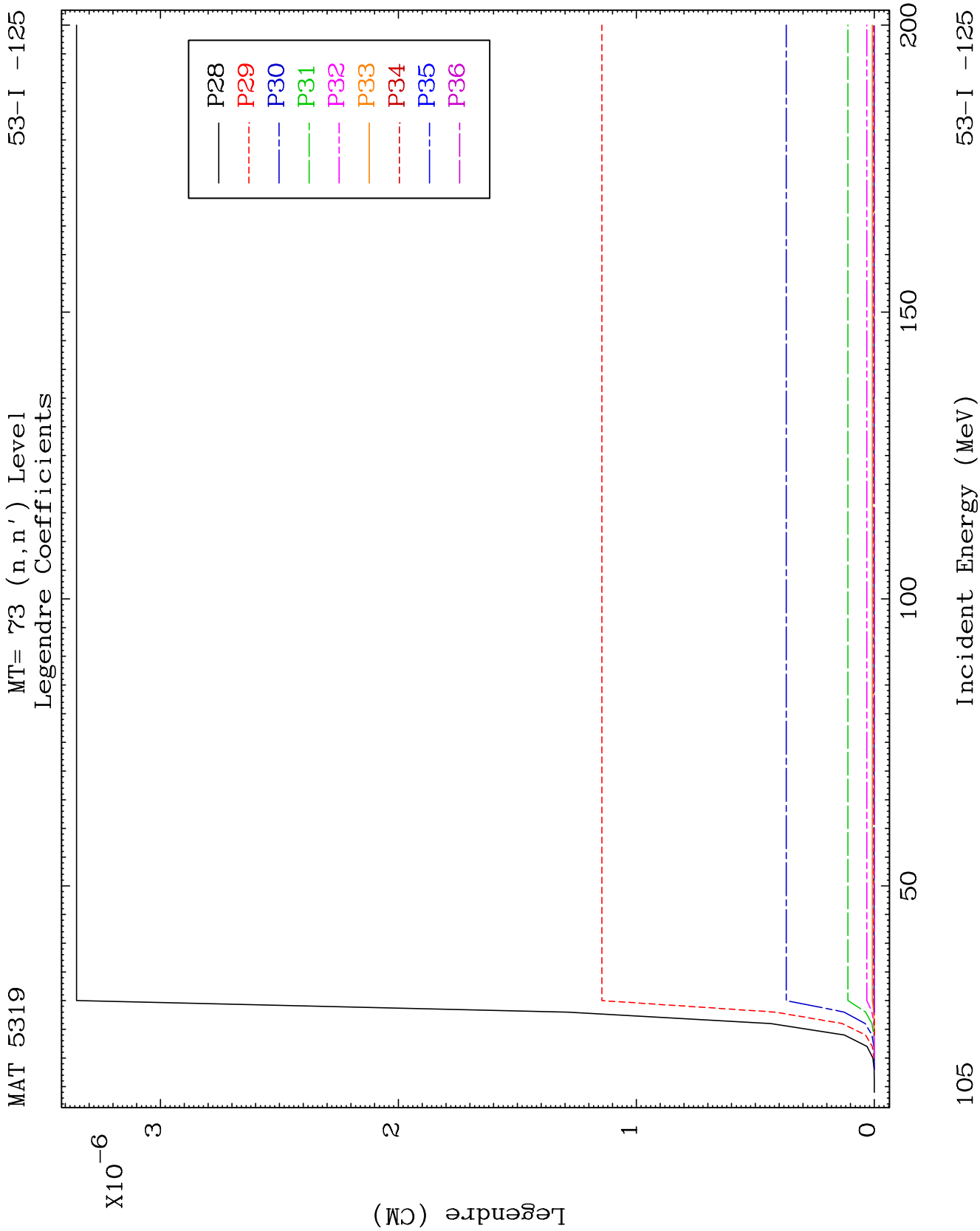
53-I -125

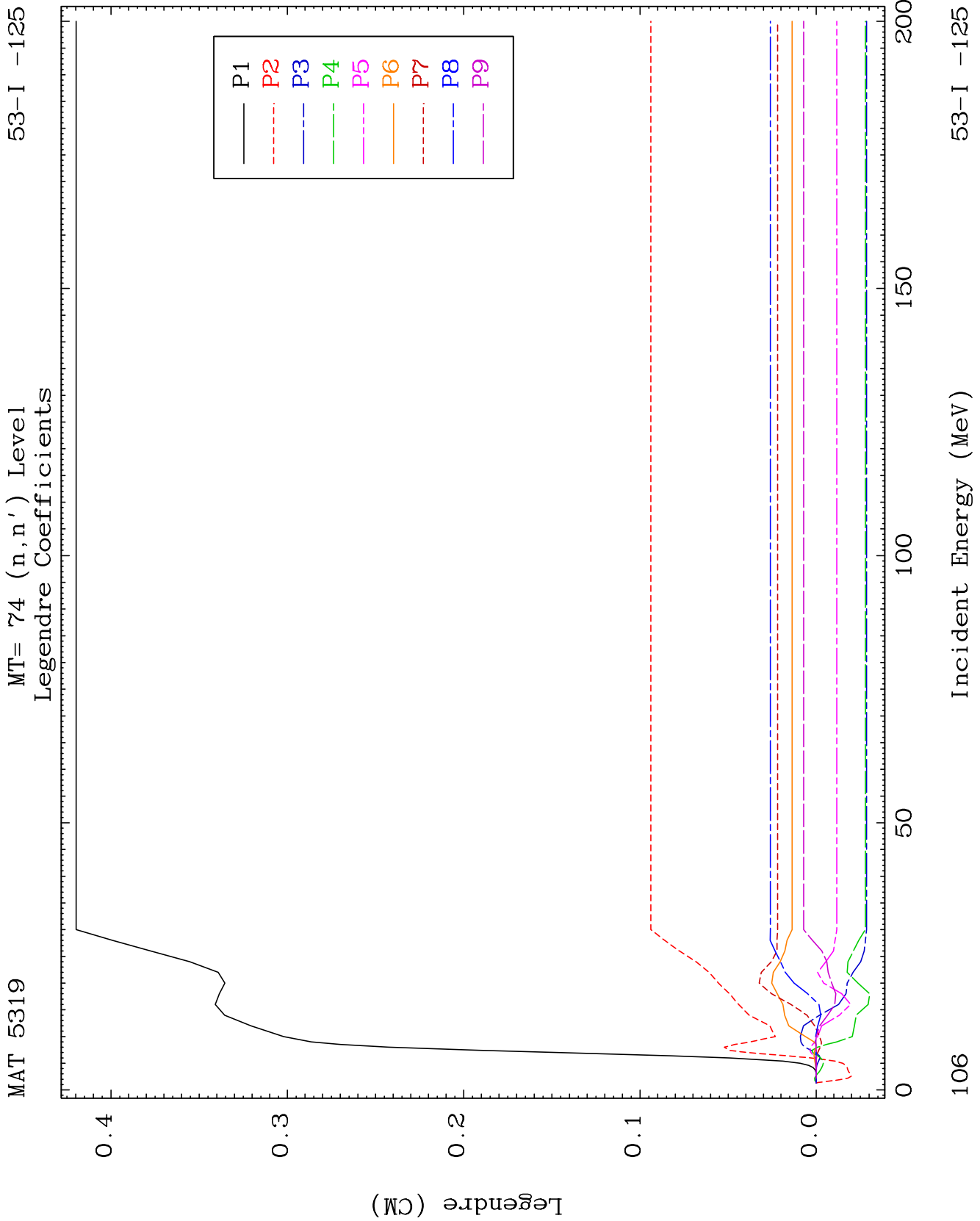


103

Incident Energy (MeV)

53-I -125

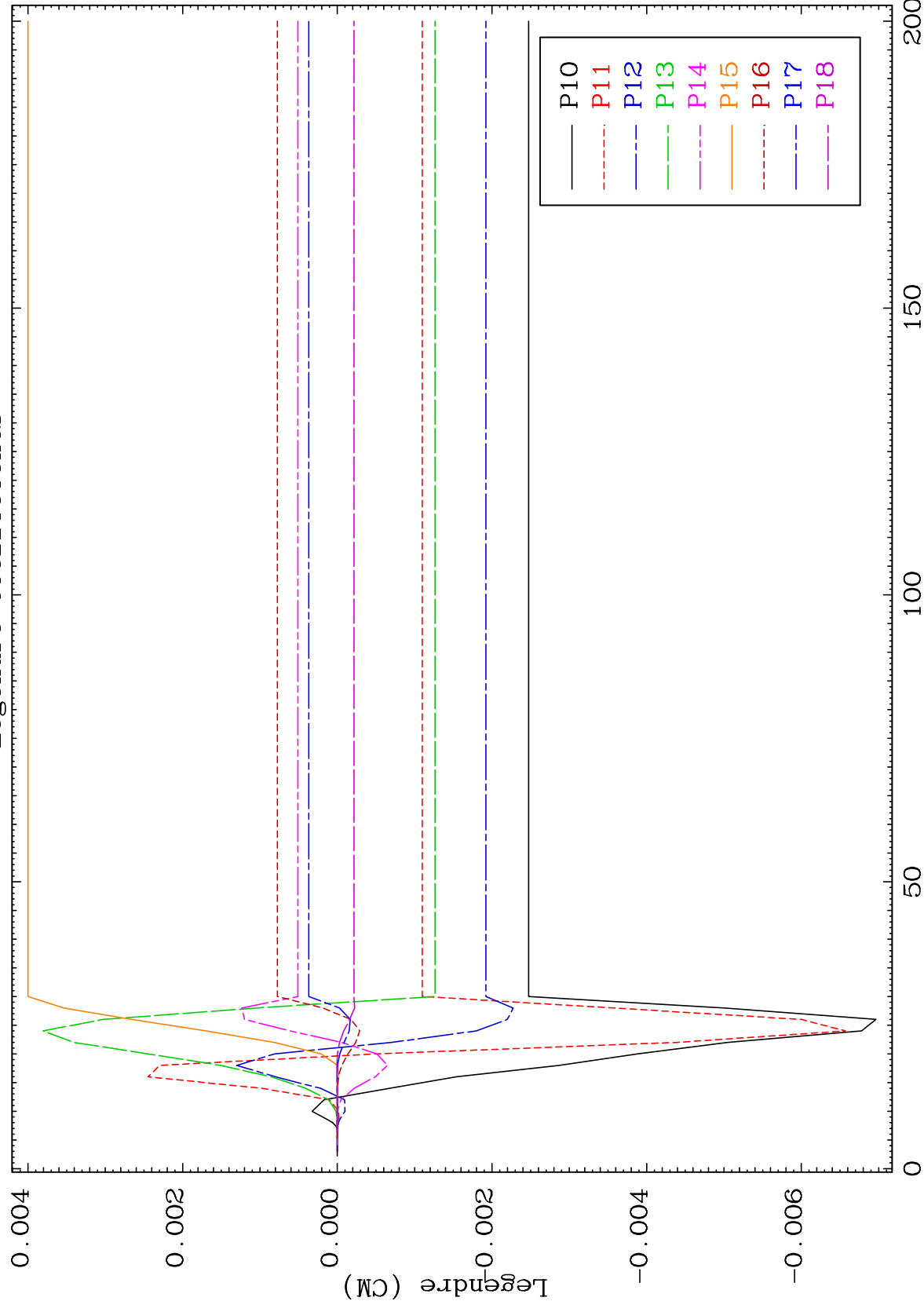




MAT 5319

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

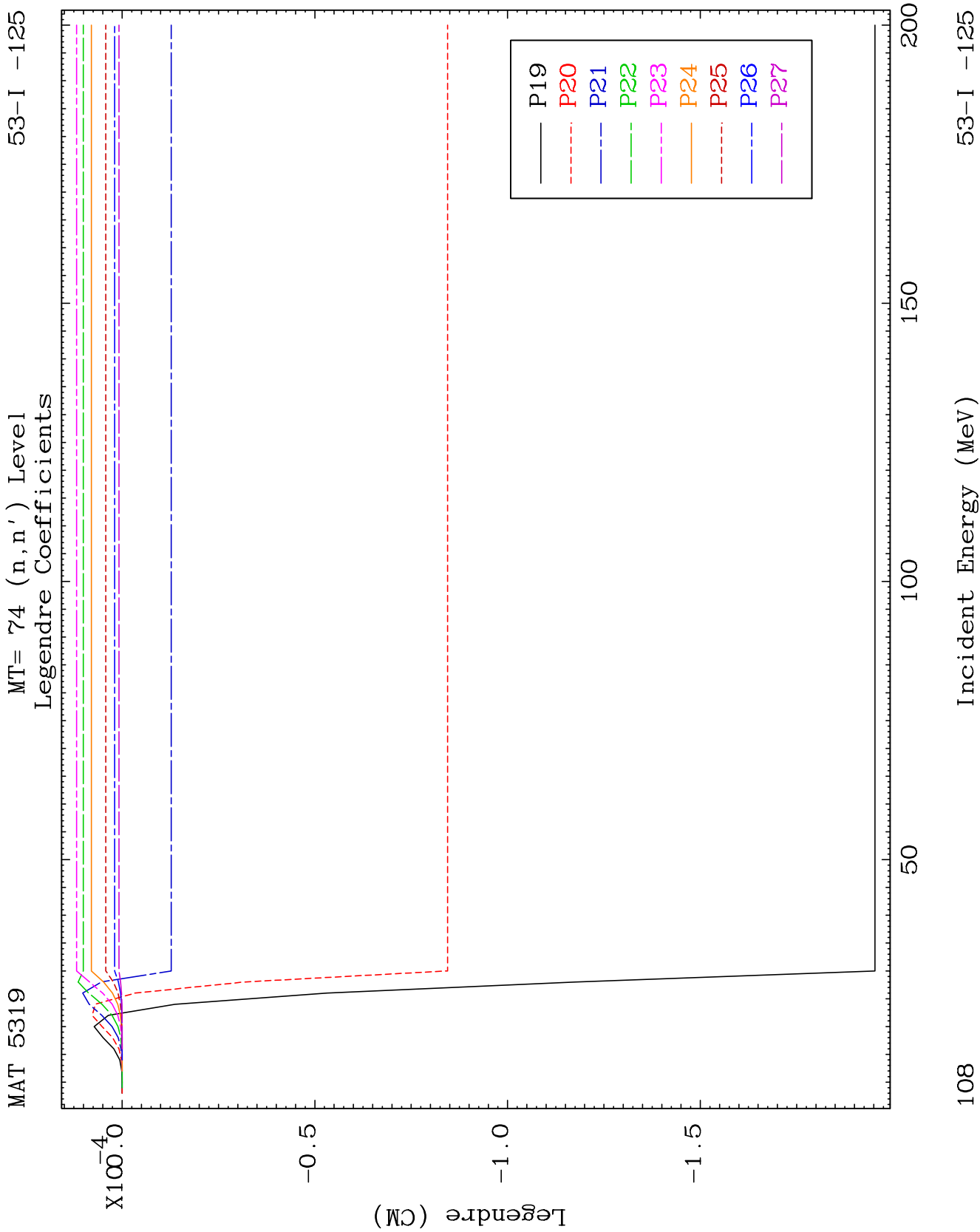
53-I -125

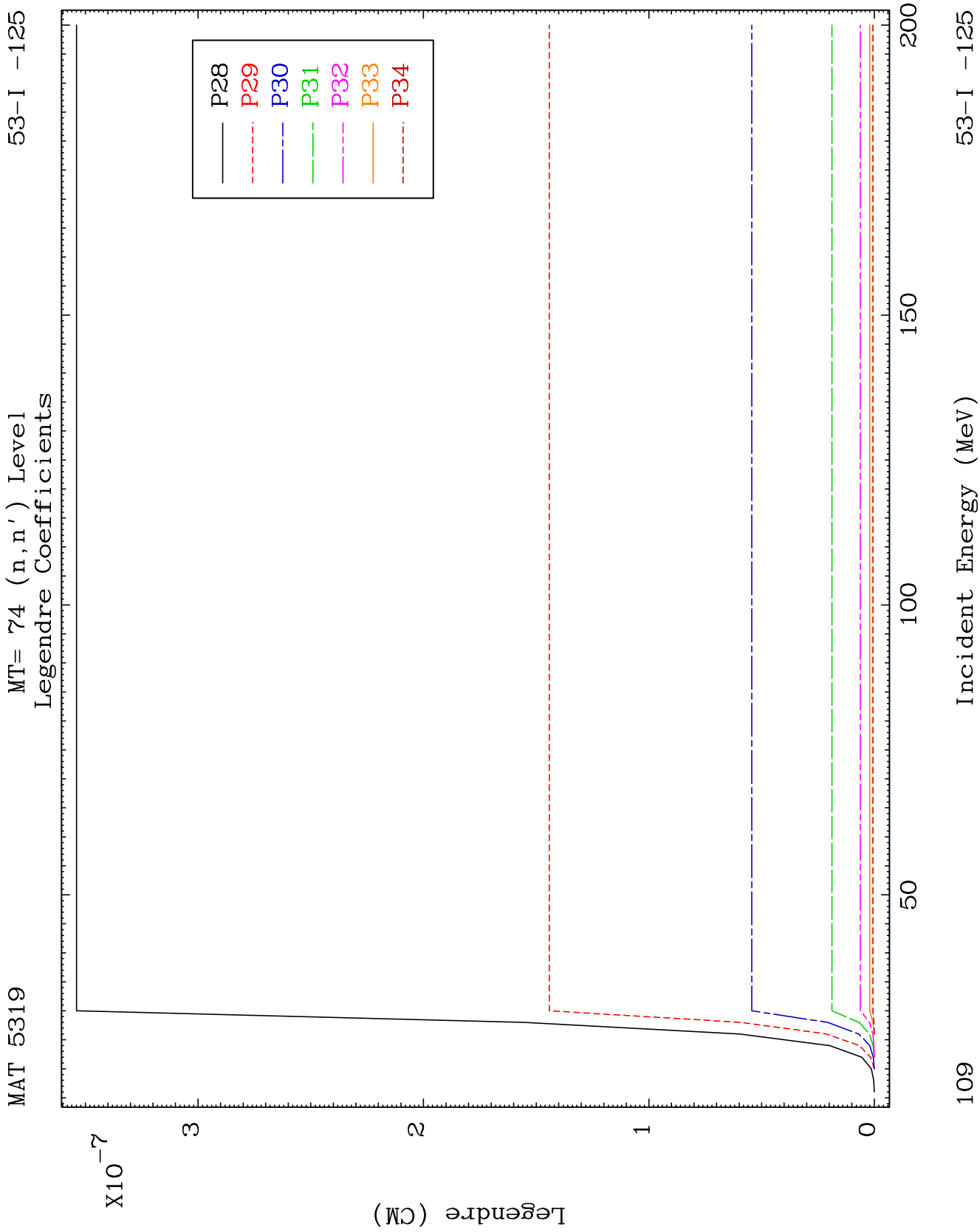


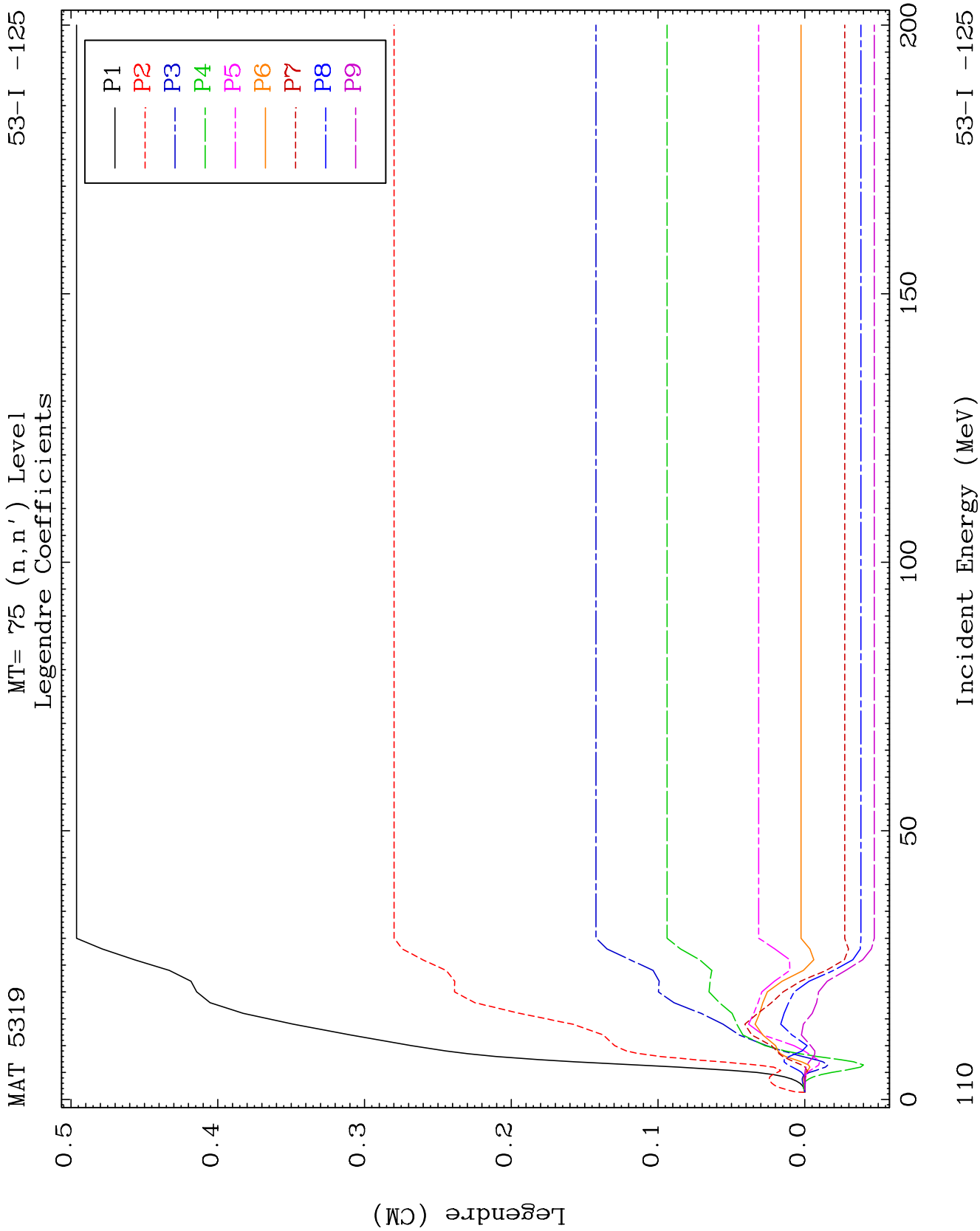
107

Incident Energy (MeV)

53-I -125



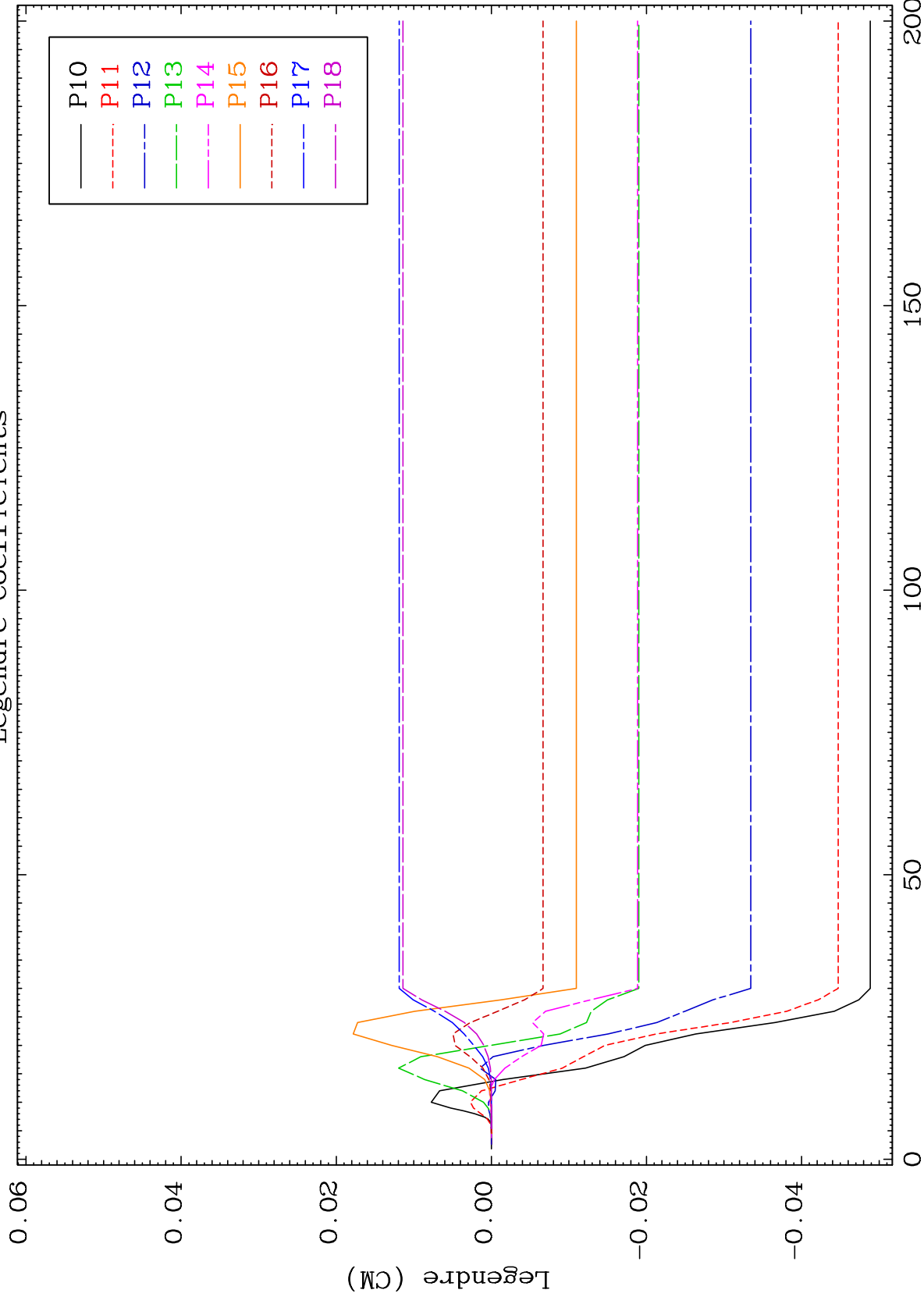




MAT 5319

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

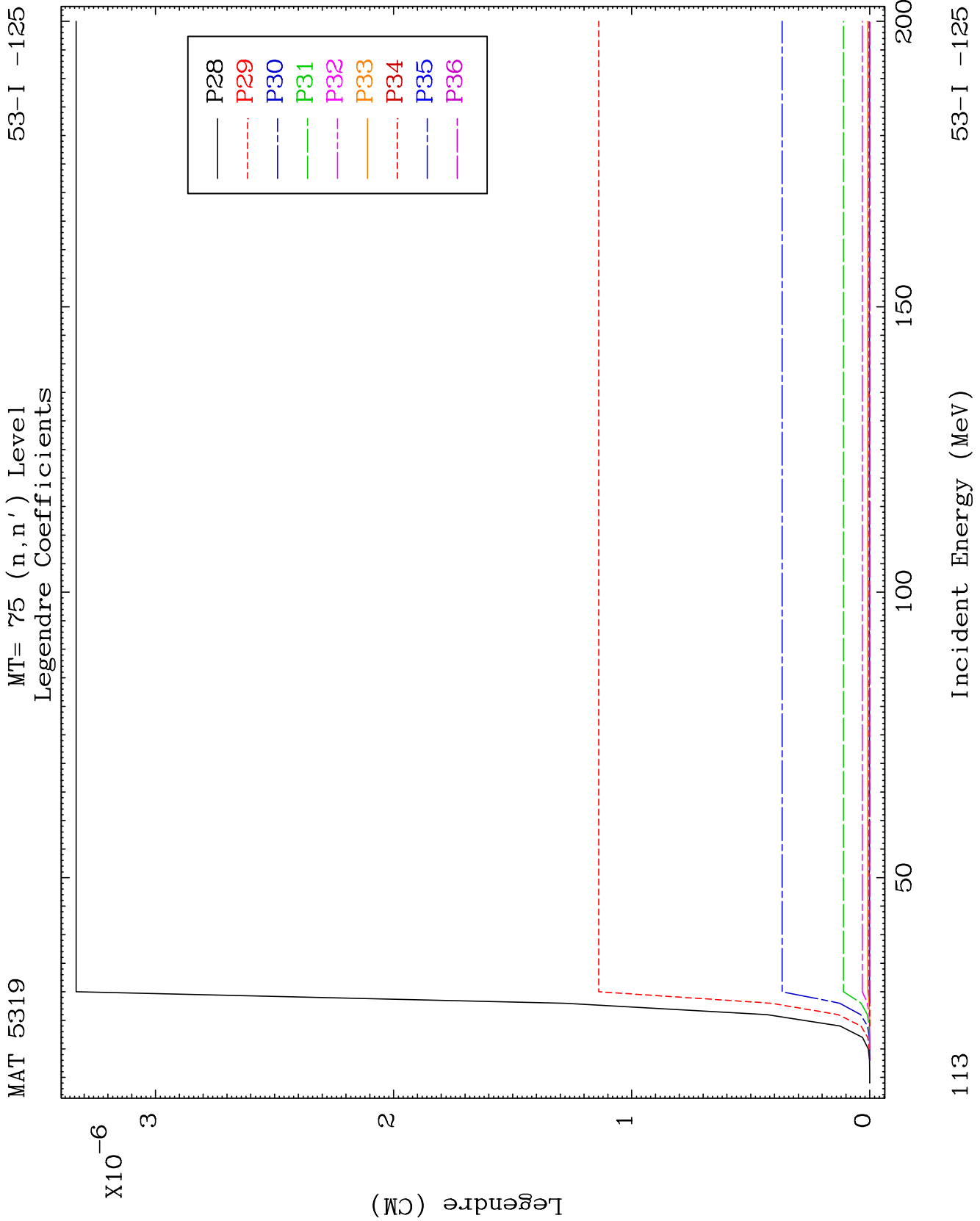
53-I -125

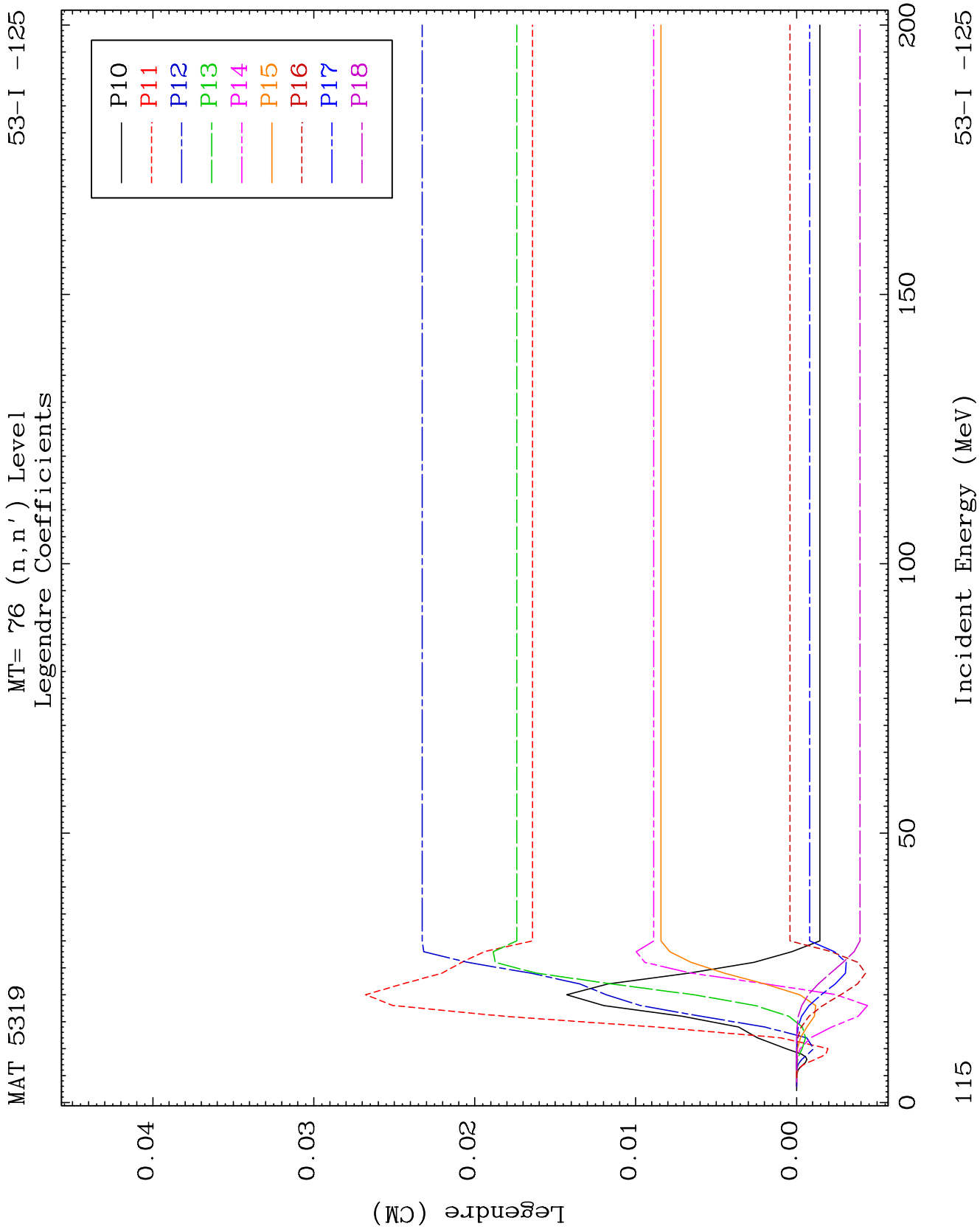


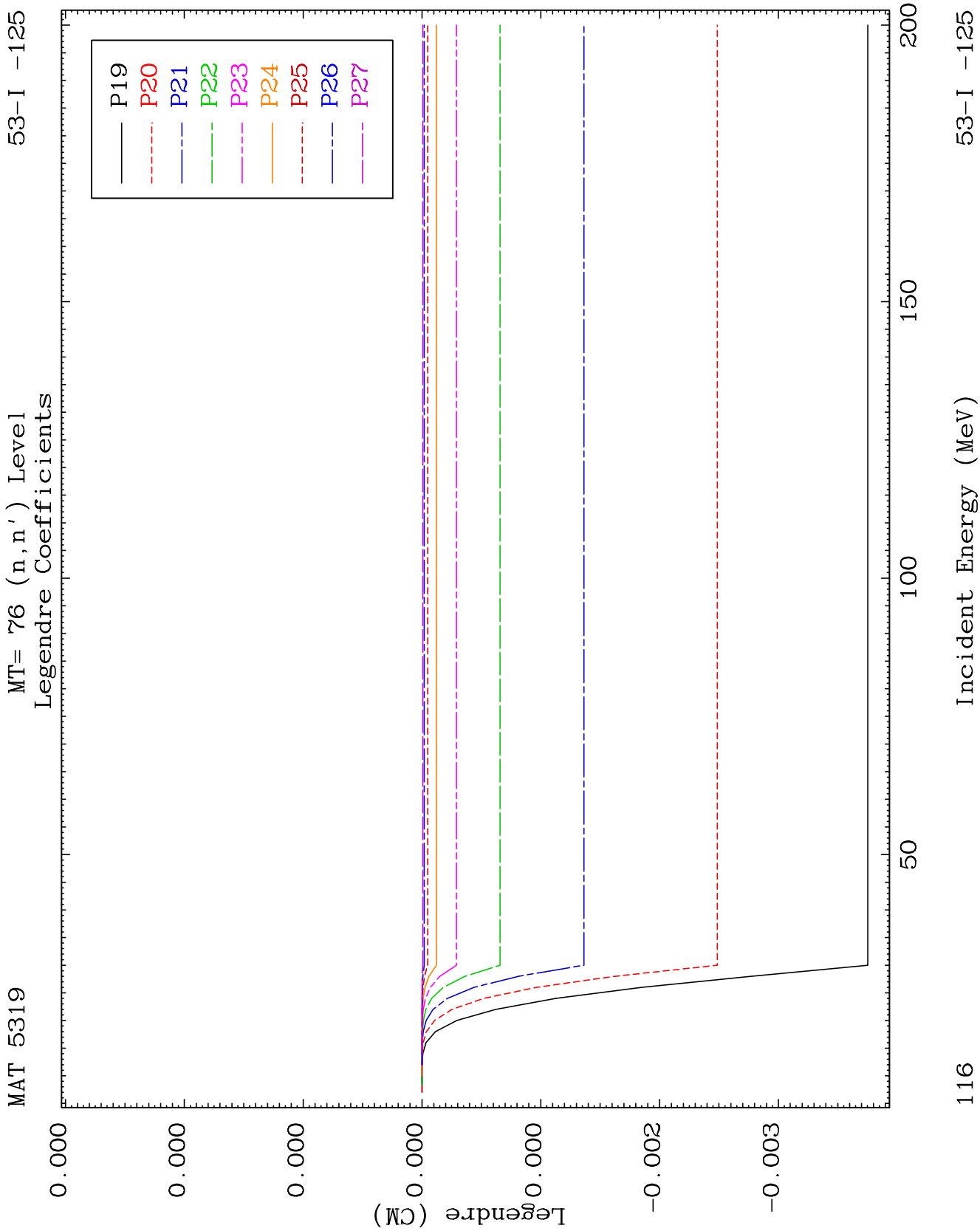
111

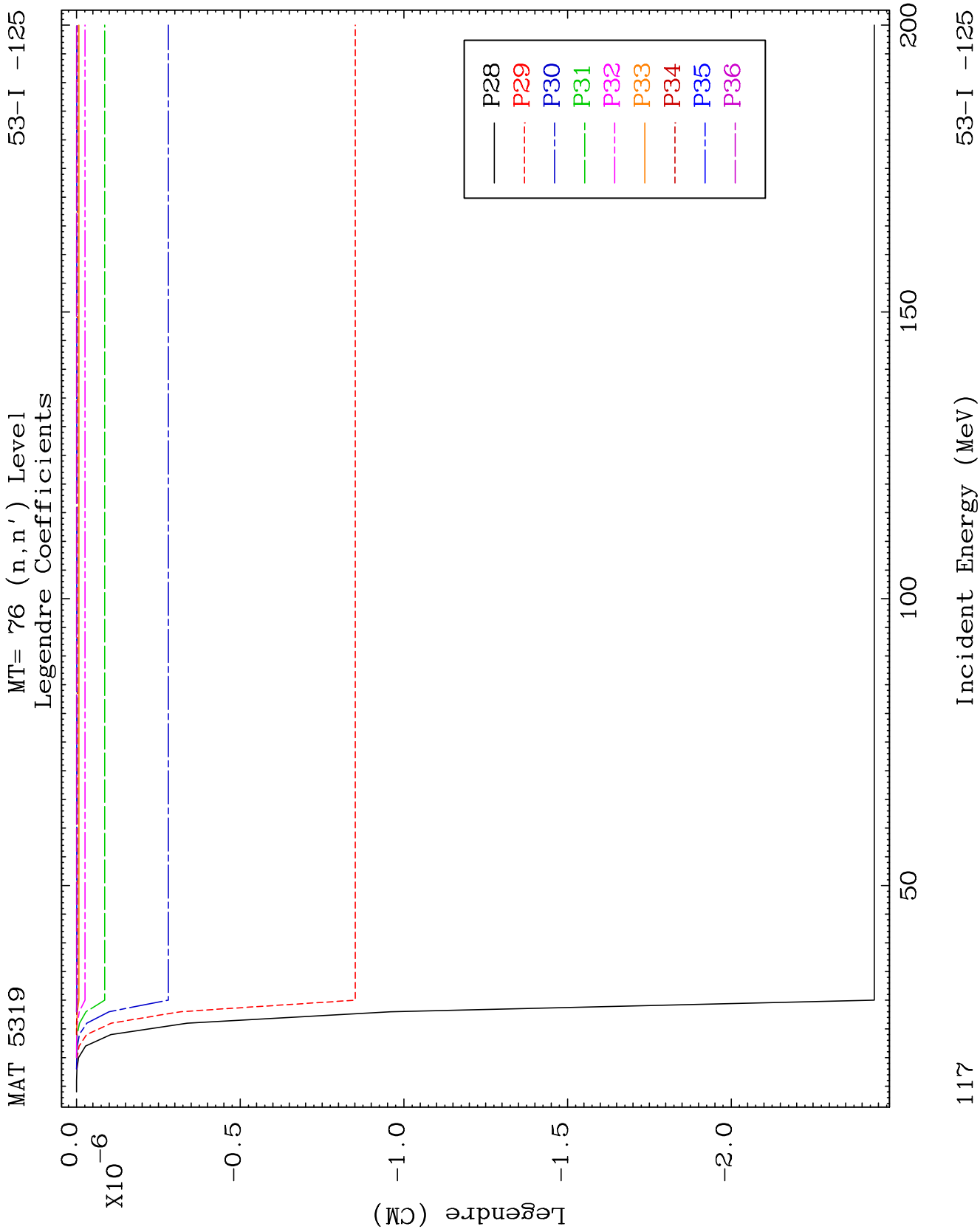
Incident Energy (MeV)

53-I -125





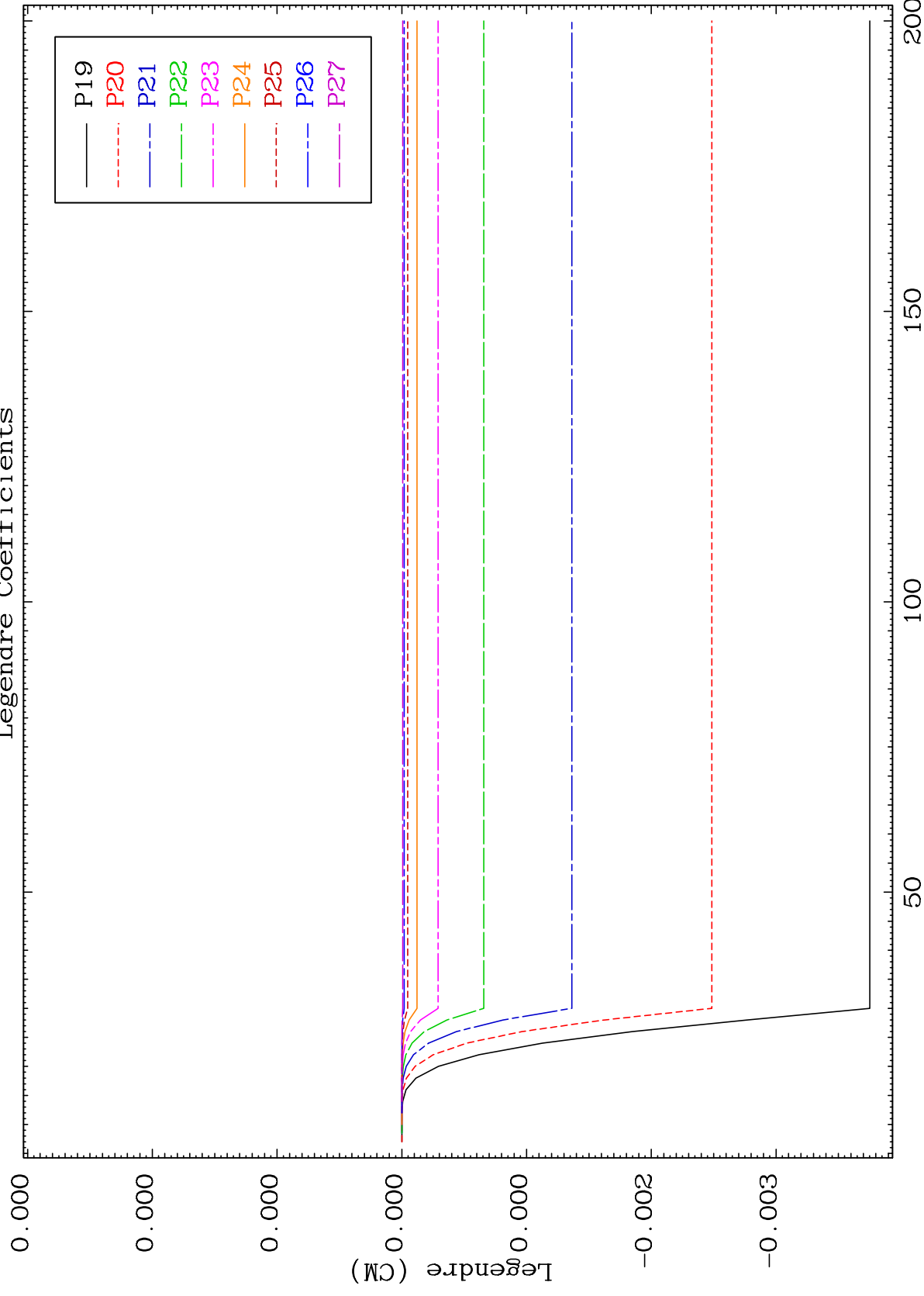




MAT 5319

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

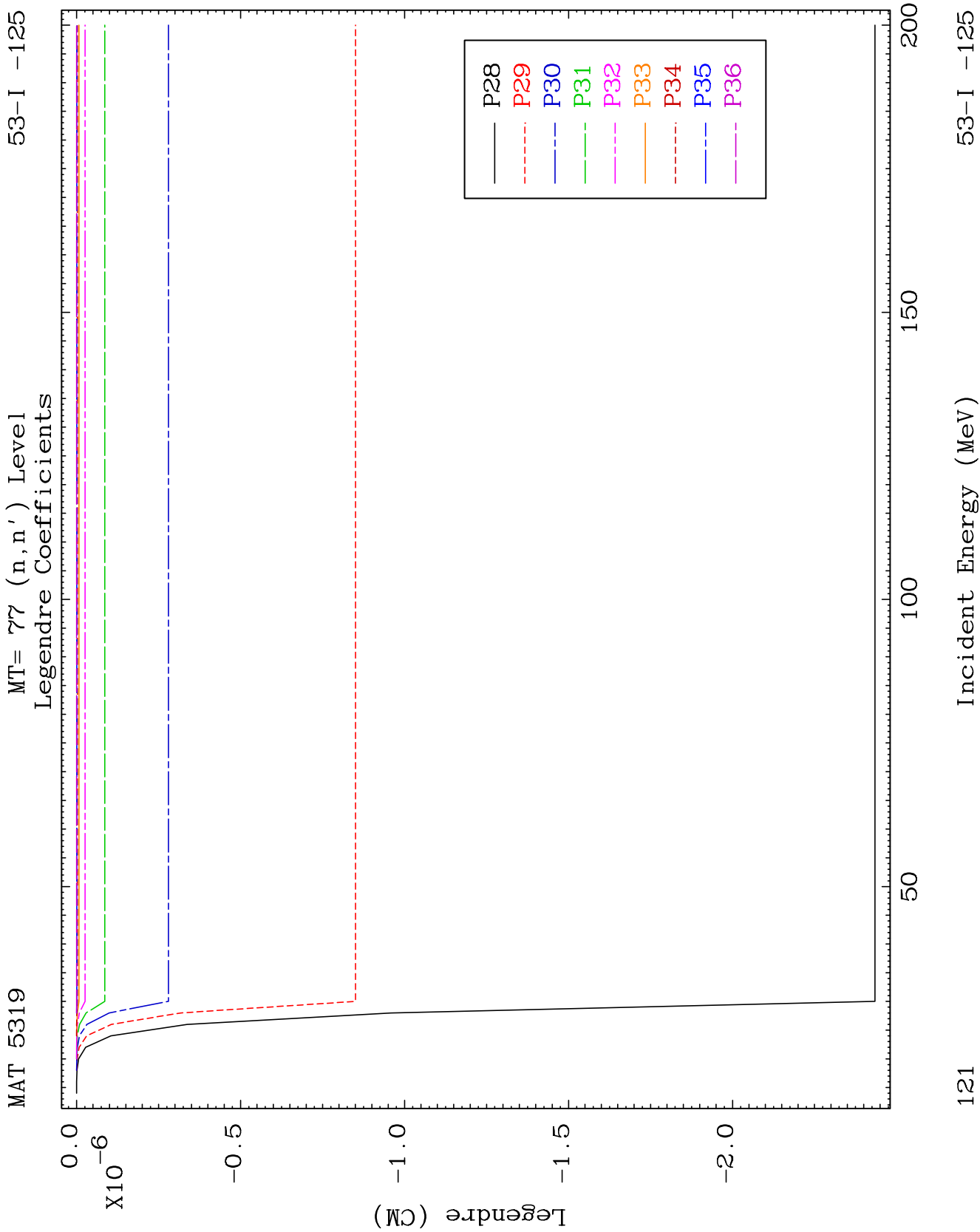
53-I -125

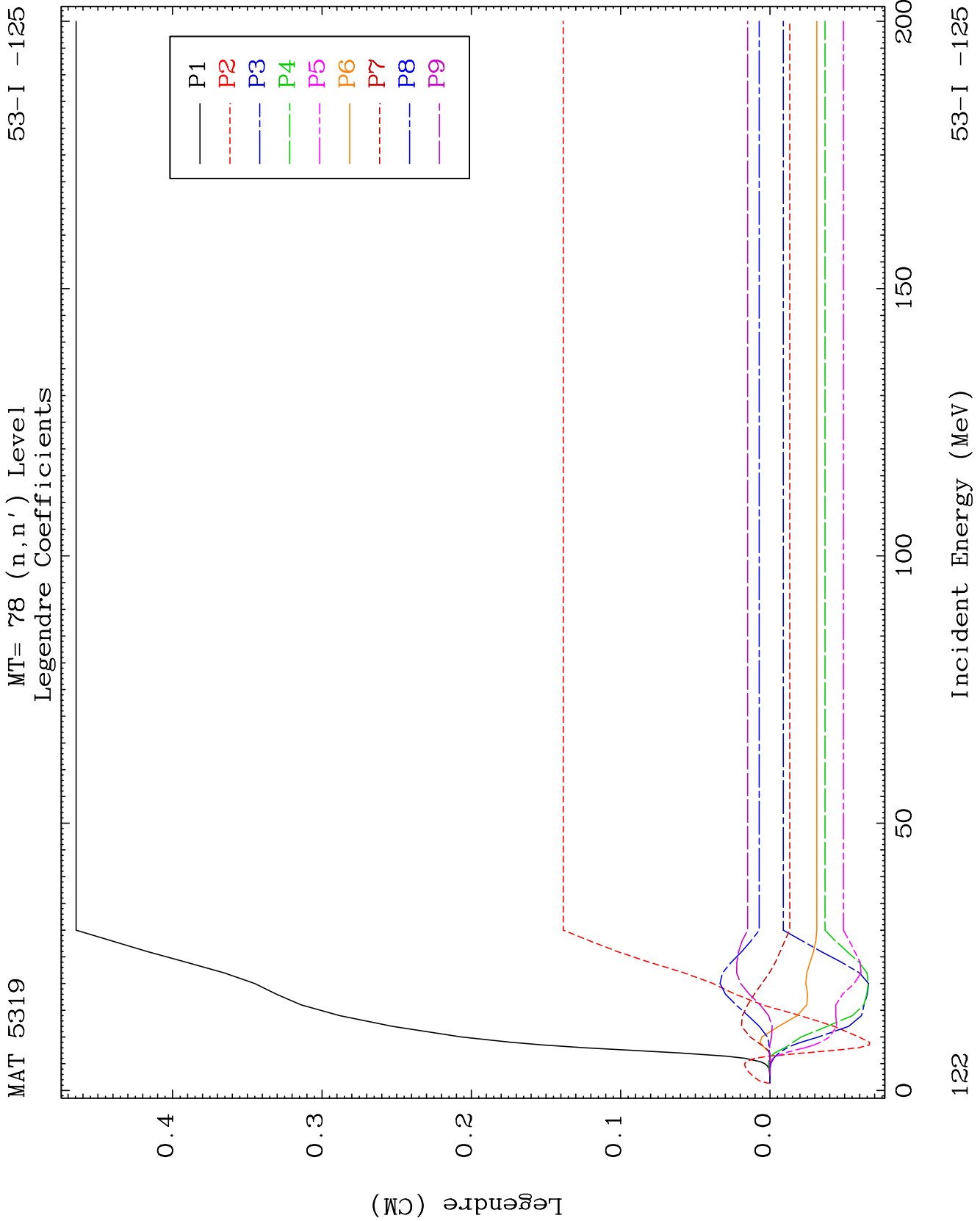


120

Incident Energy (MeV)

53-I -125

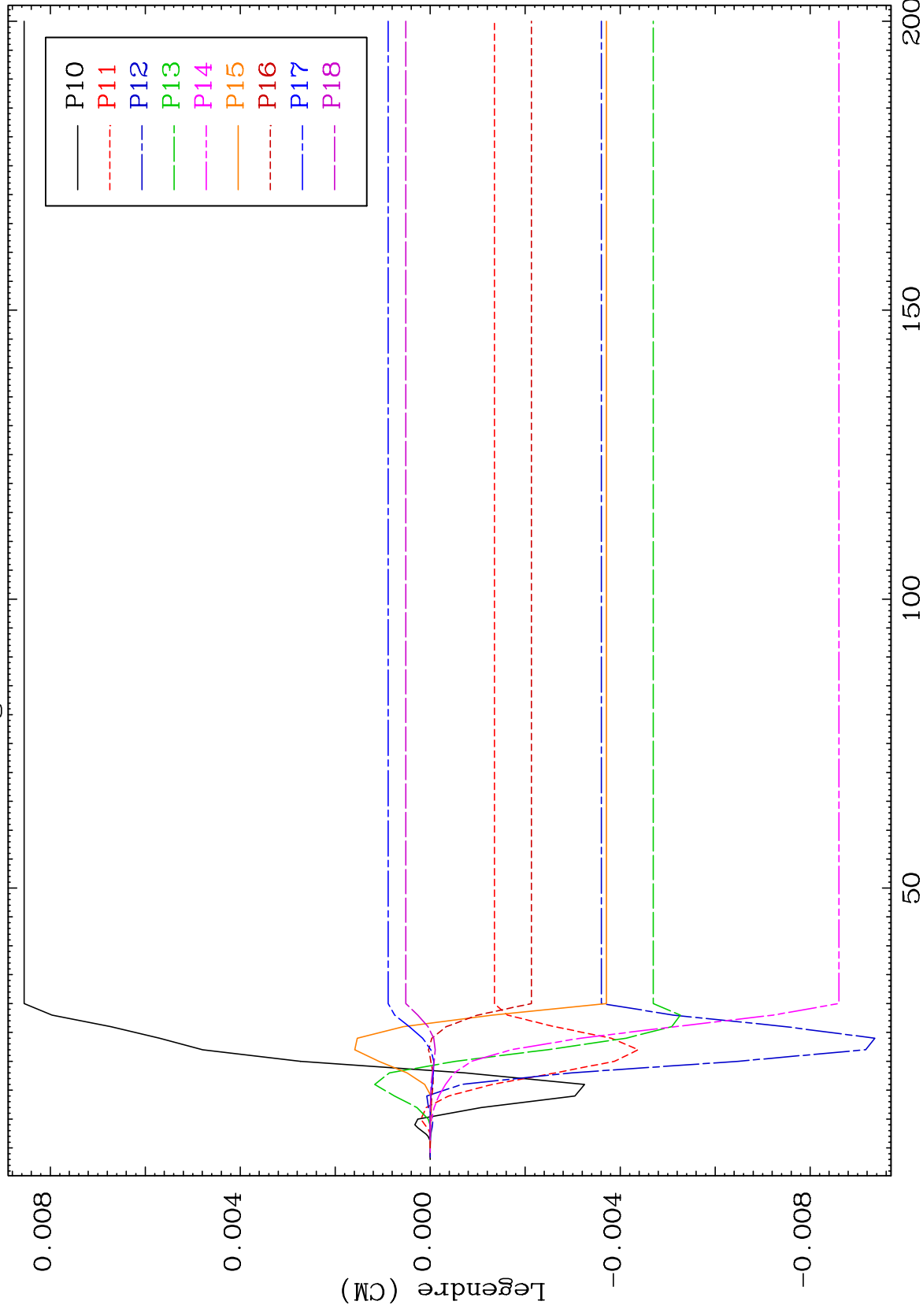




MAT 5319

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

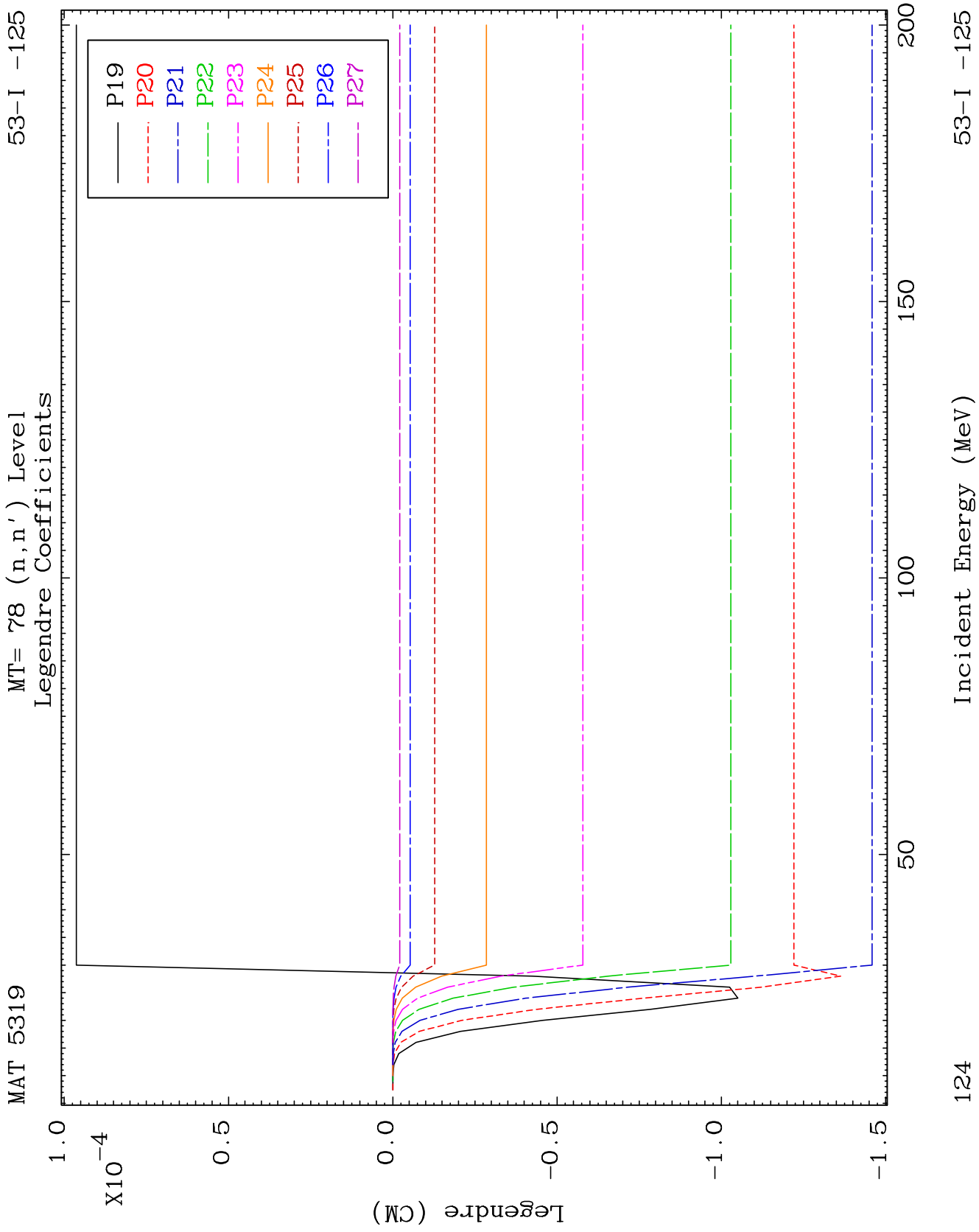
53-I -125

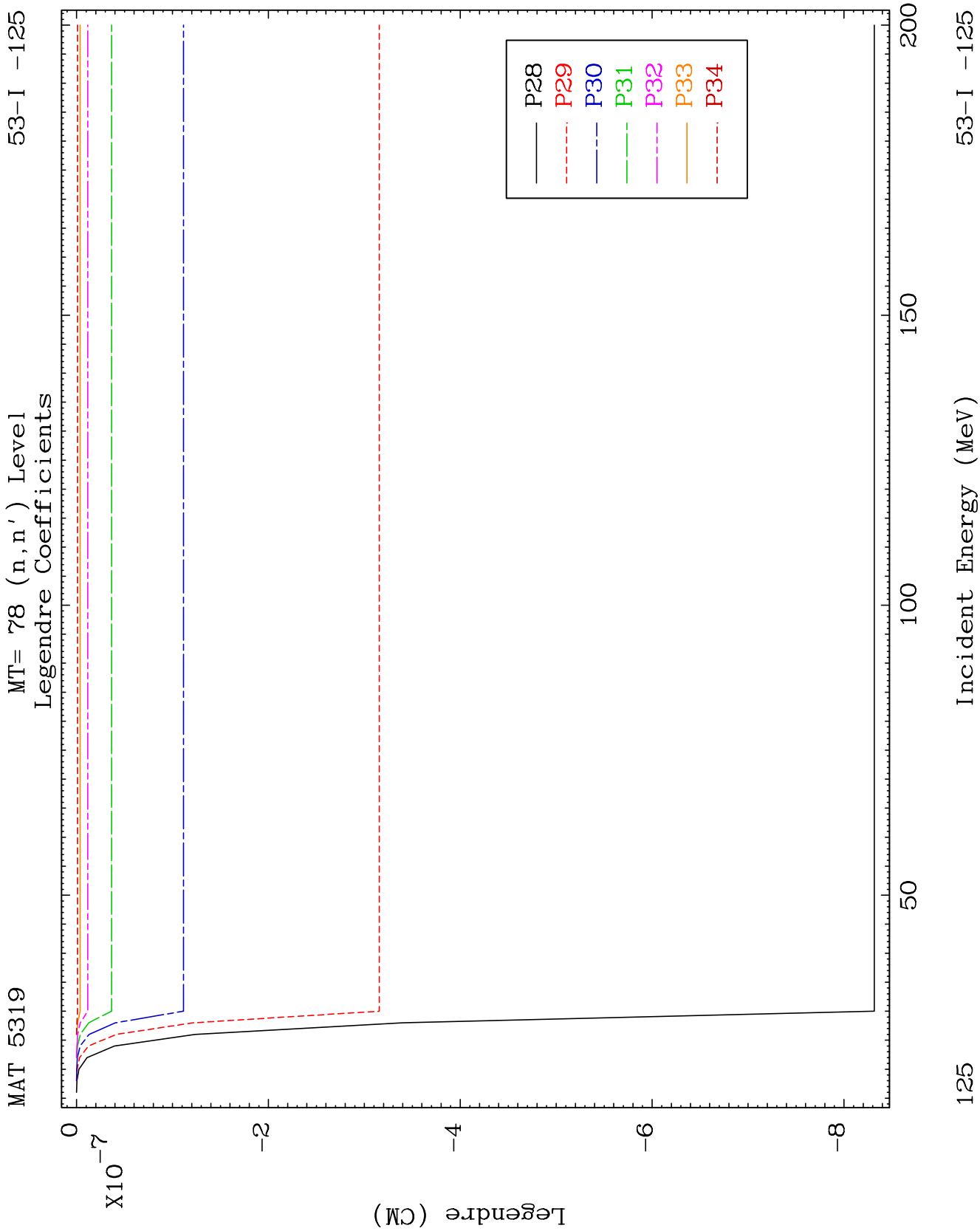


123

Incident Energy (MeV)

53-I -125

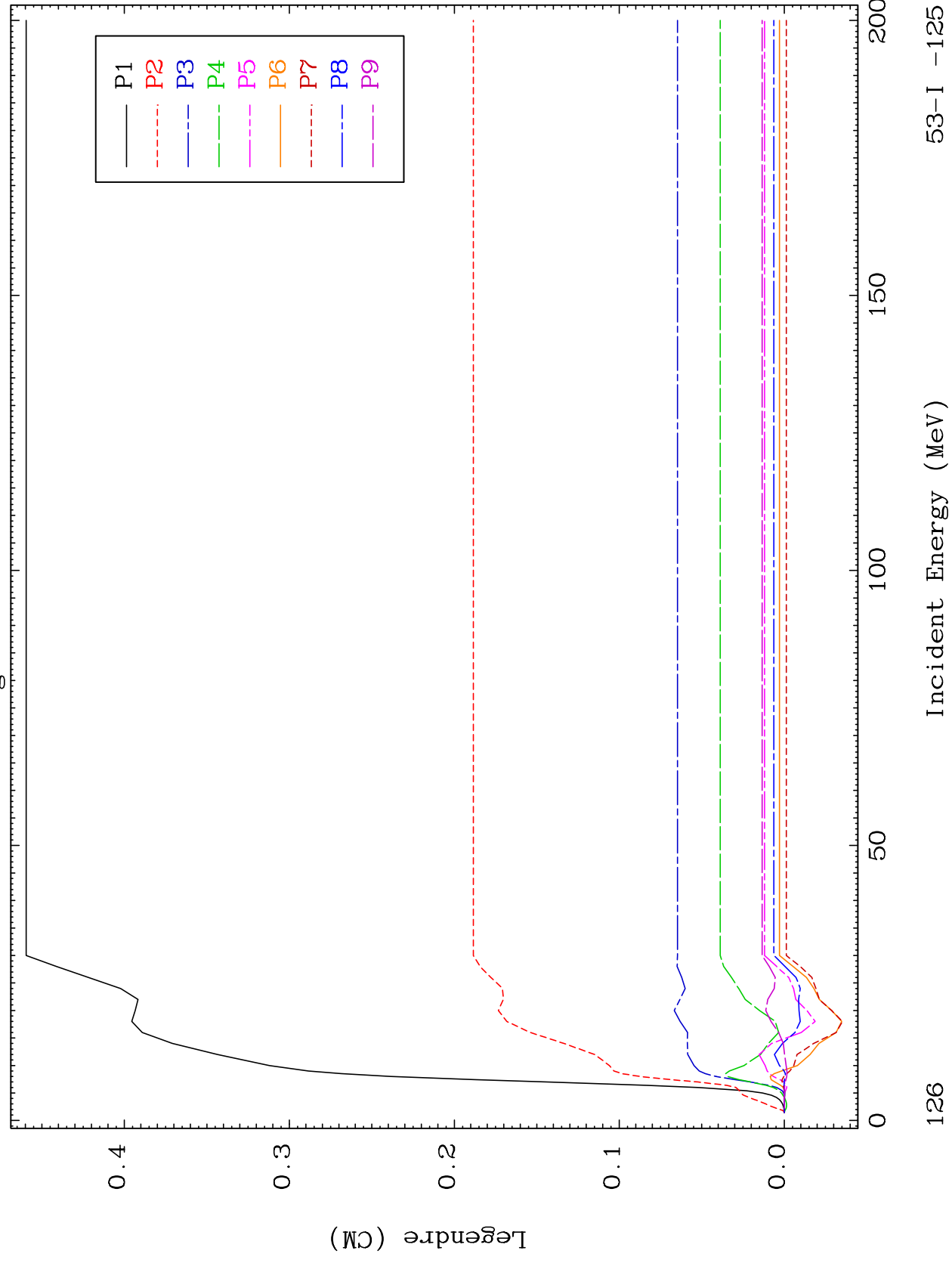


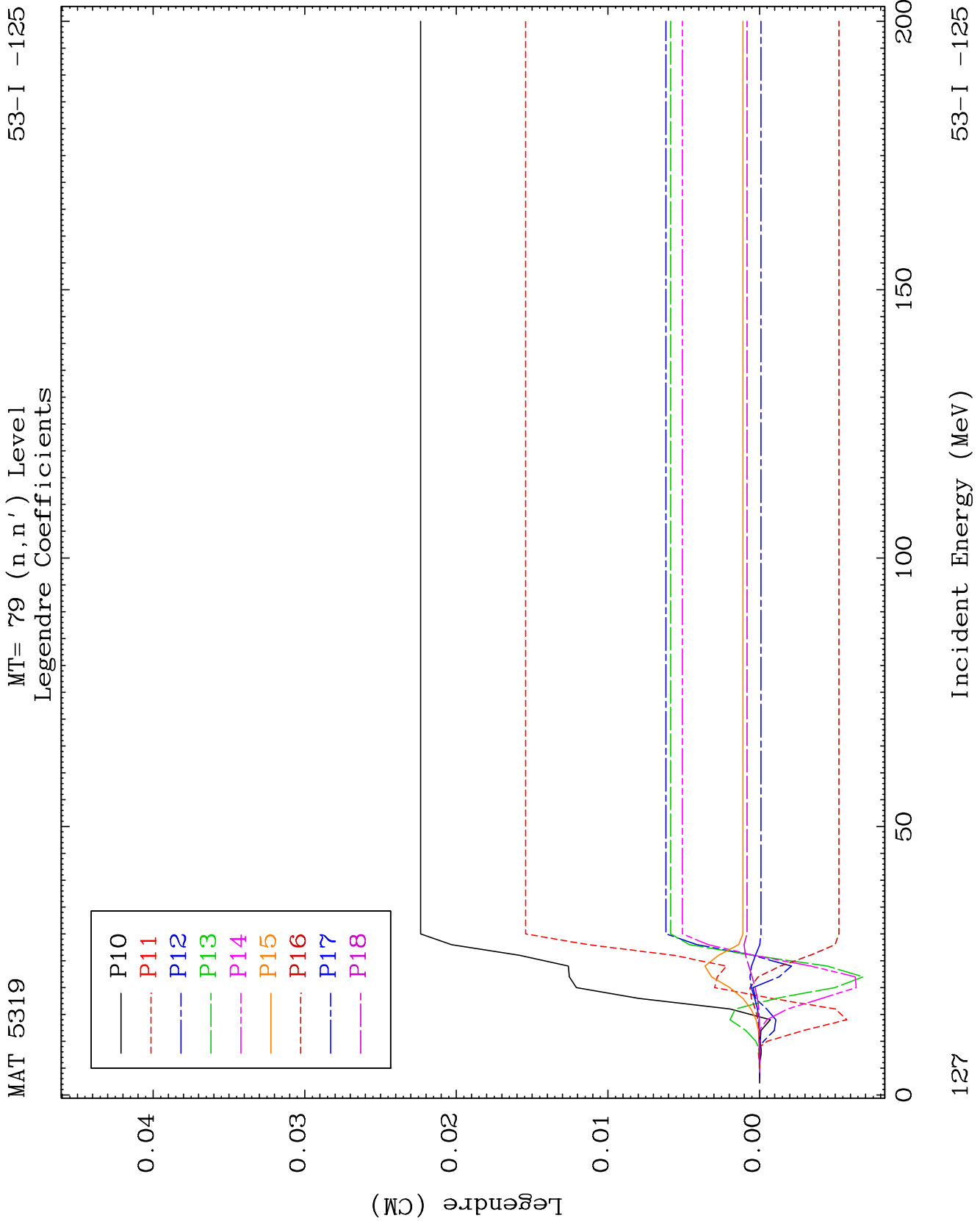


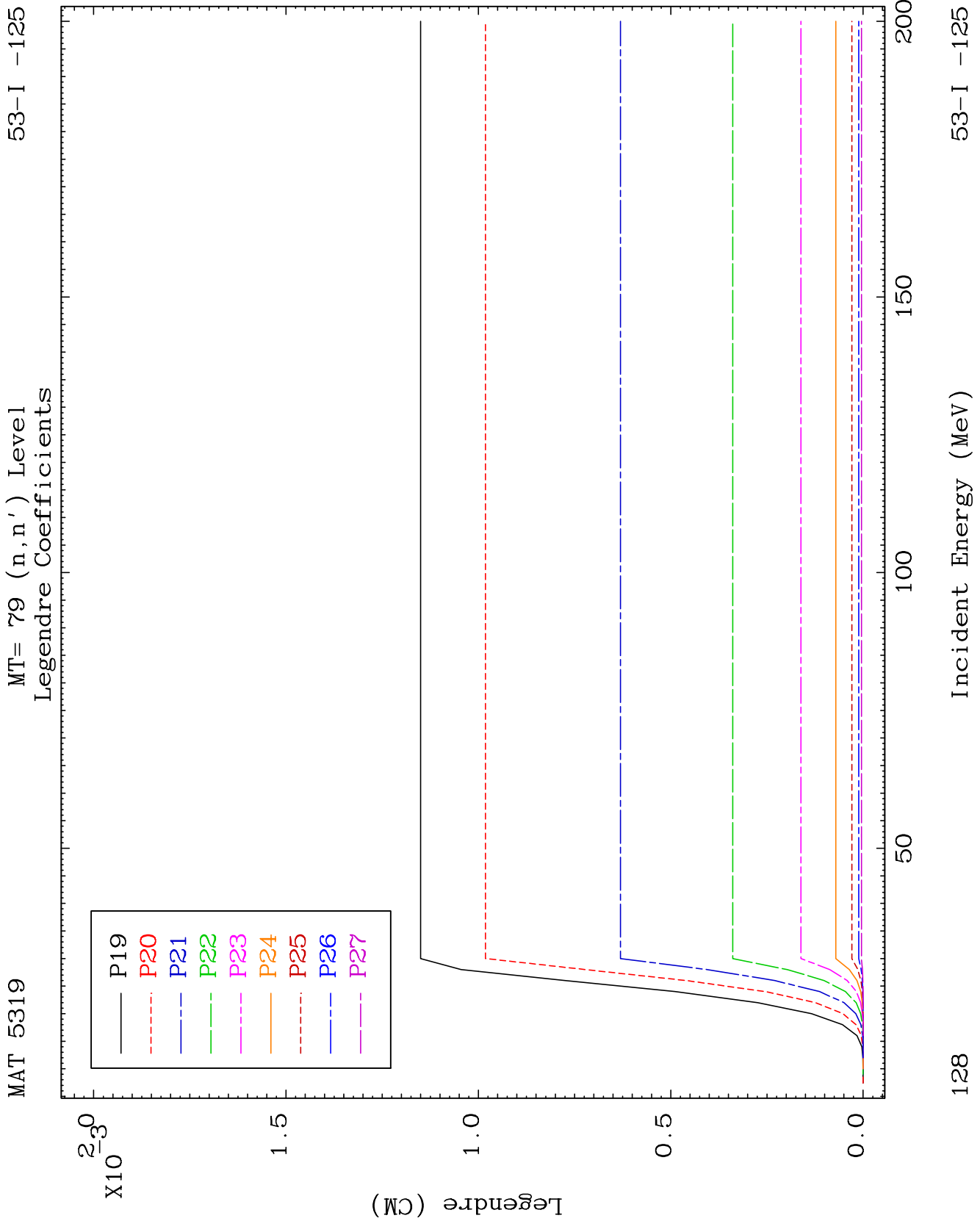
MAT 5319

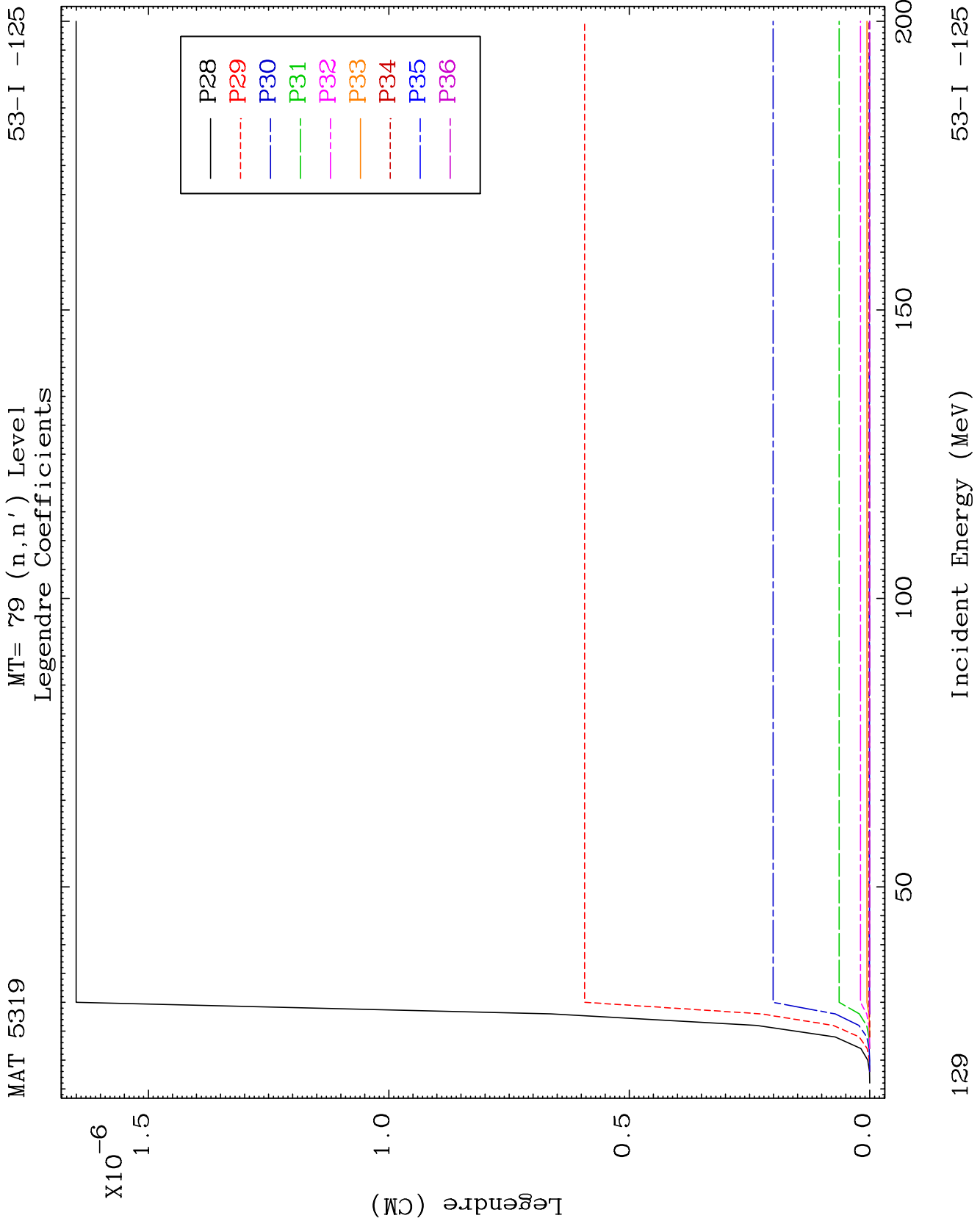
MT= 79 (n, n') Level
Legendre Coefficients

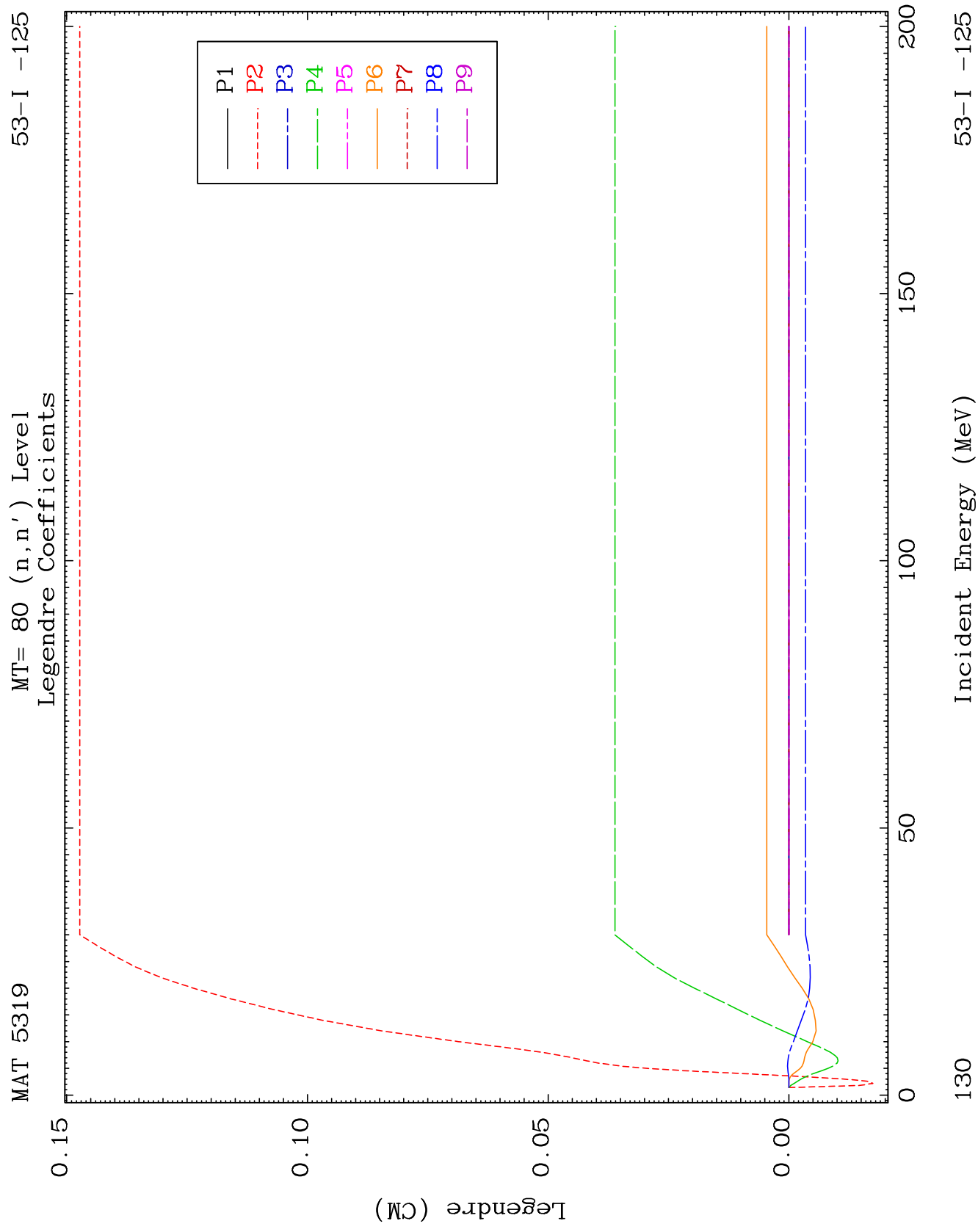
53-I -125

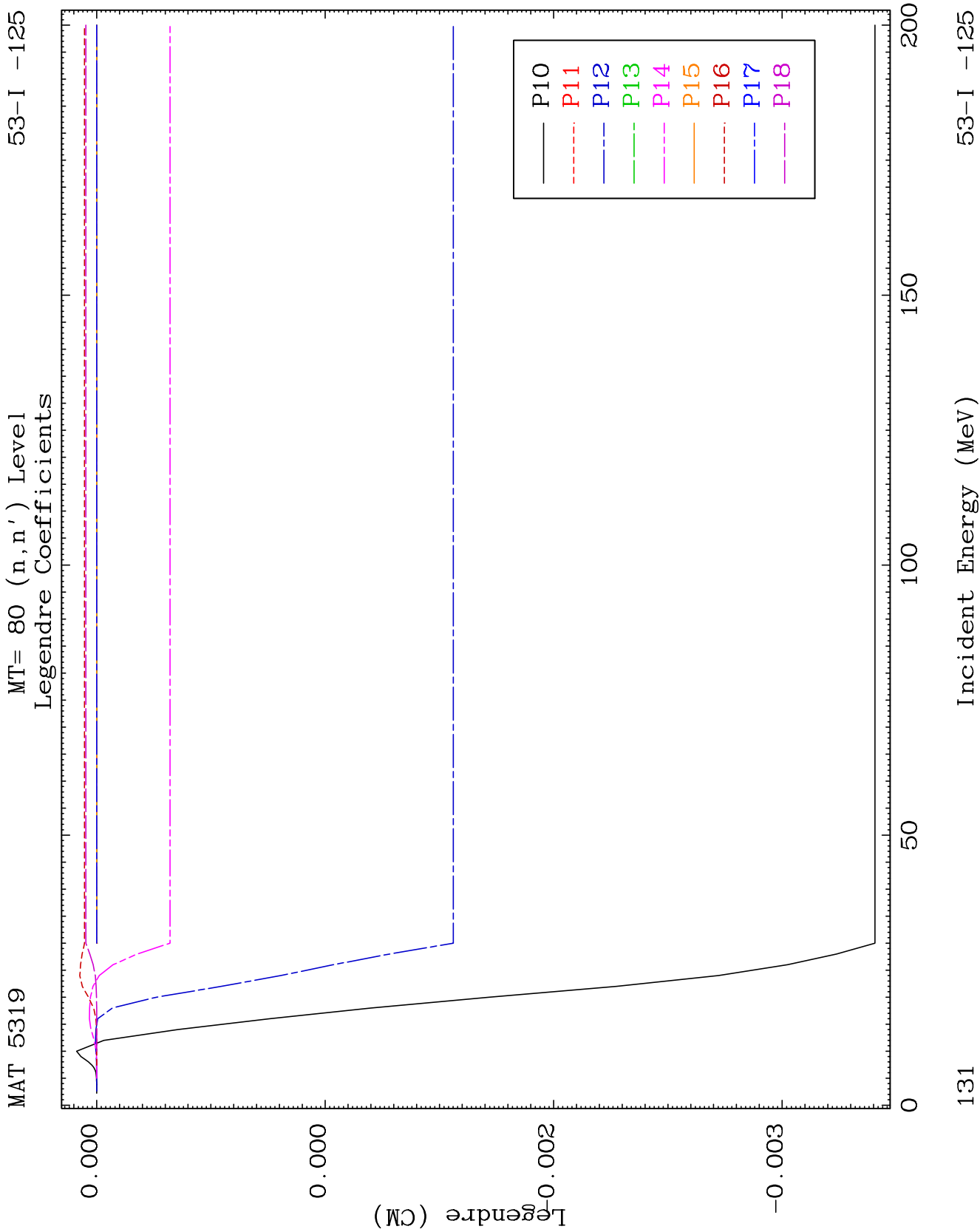


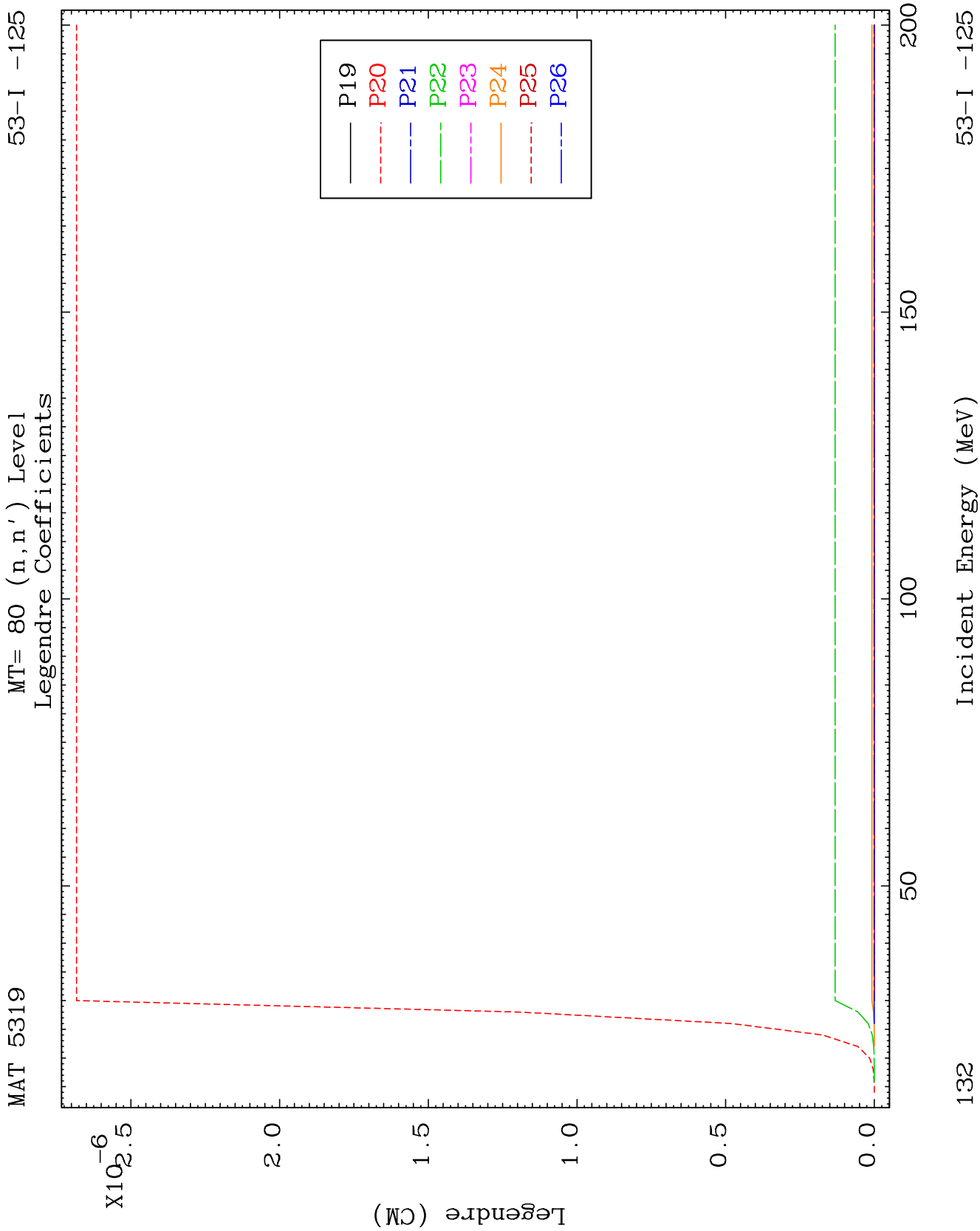




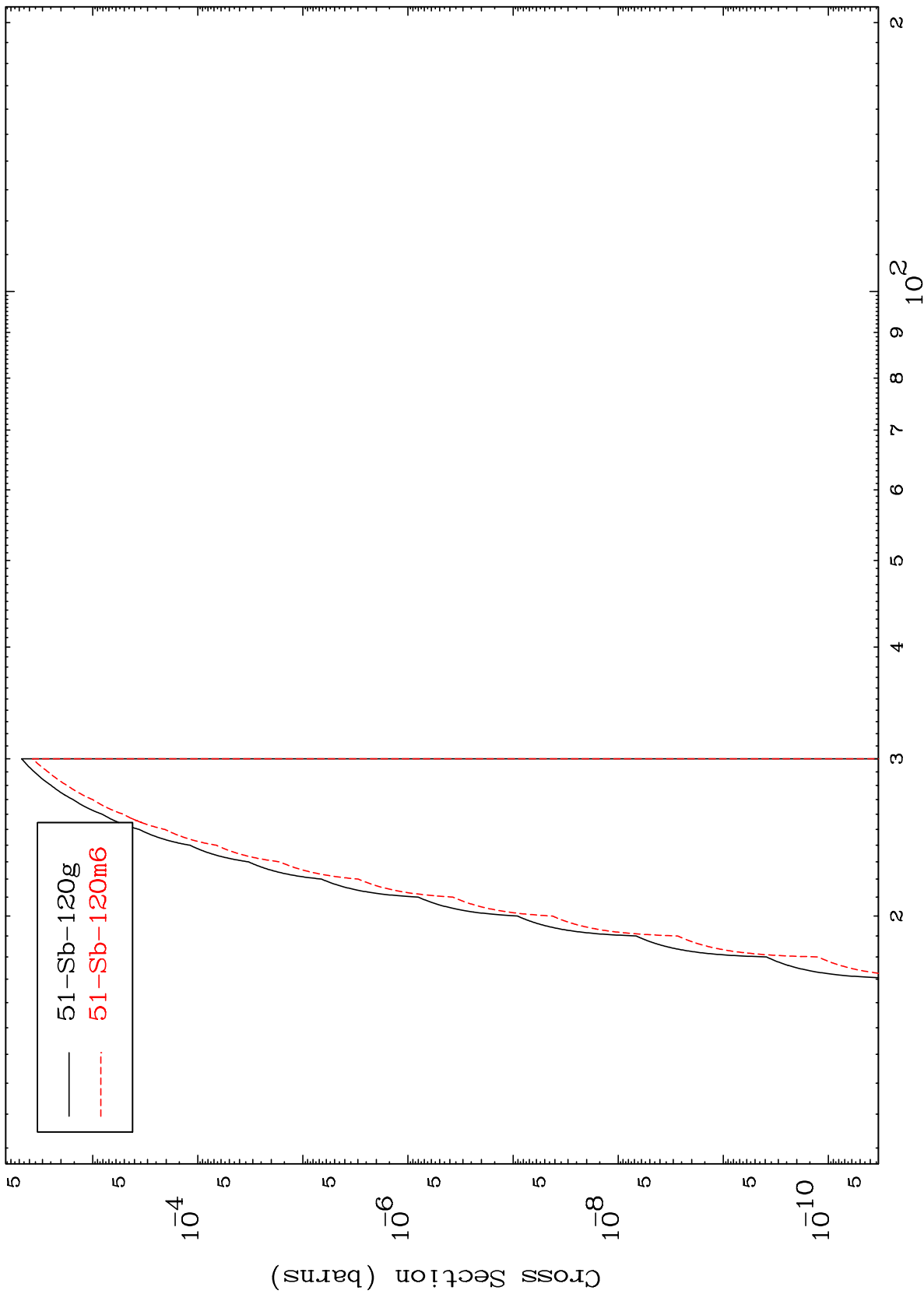








Radionuclide Production Cross Section

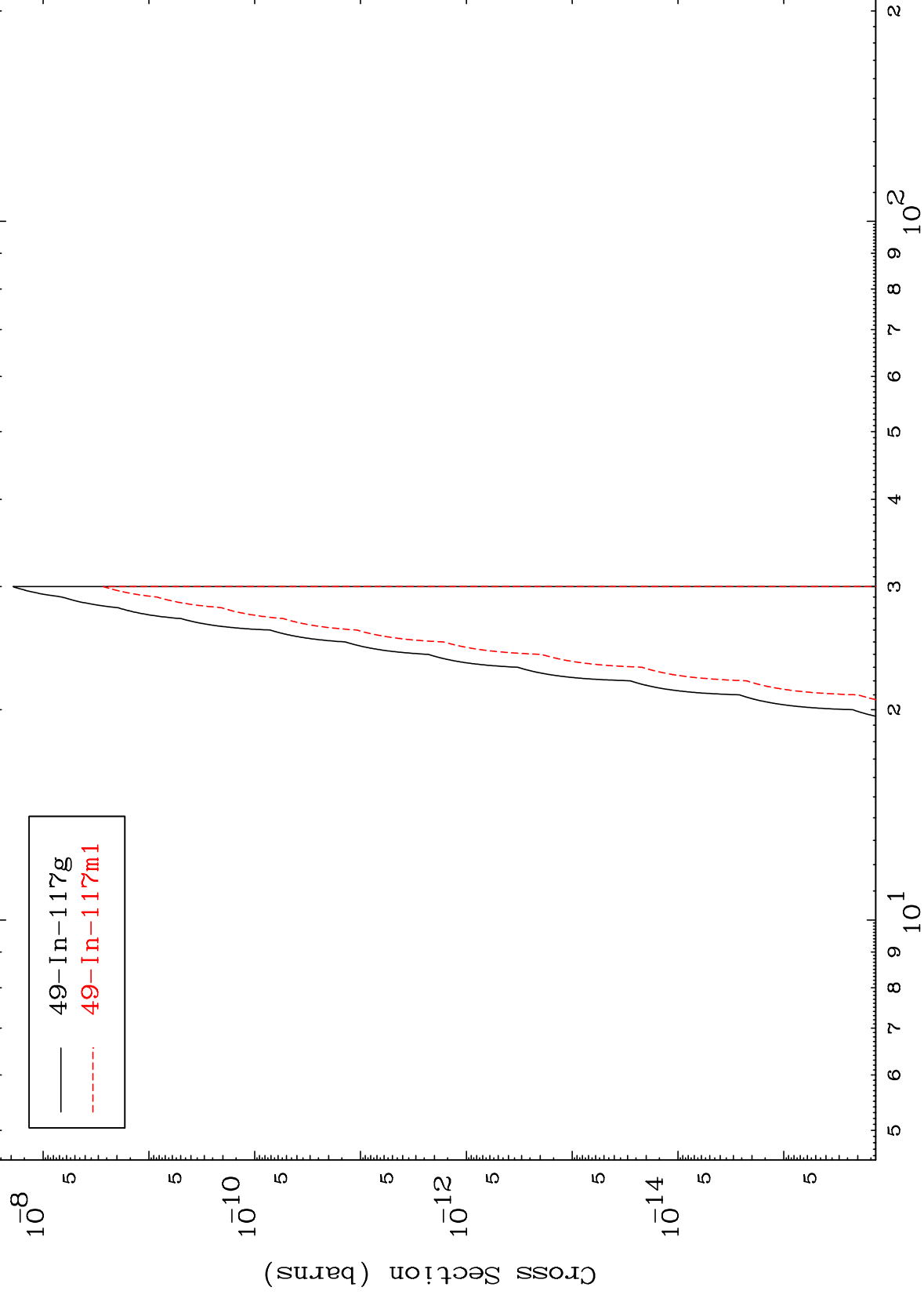


MAT 5319

(n,n') 2α

53-I -125

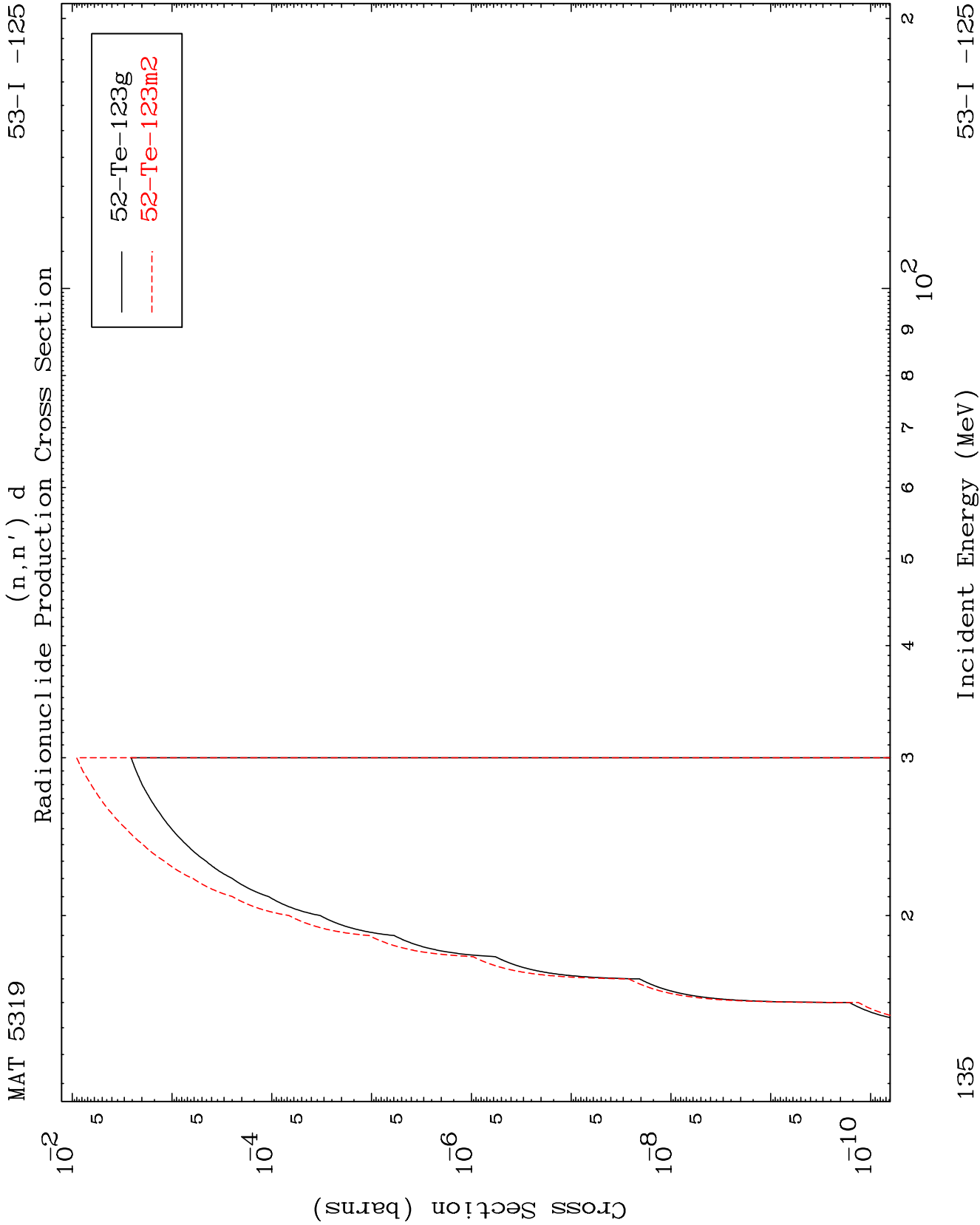
Radionuclide Production Cross Section

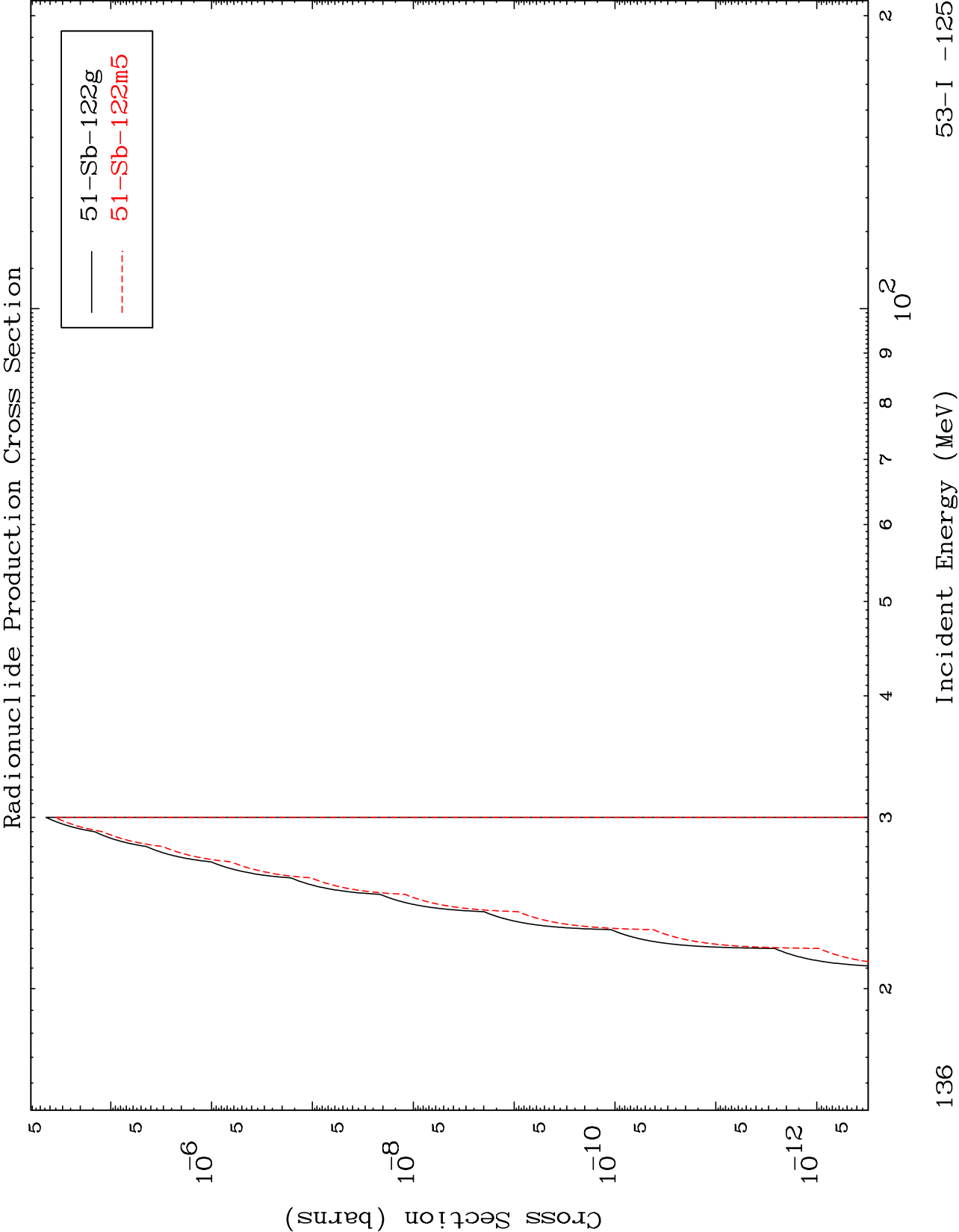


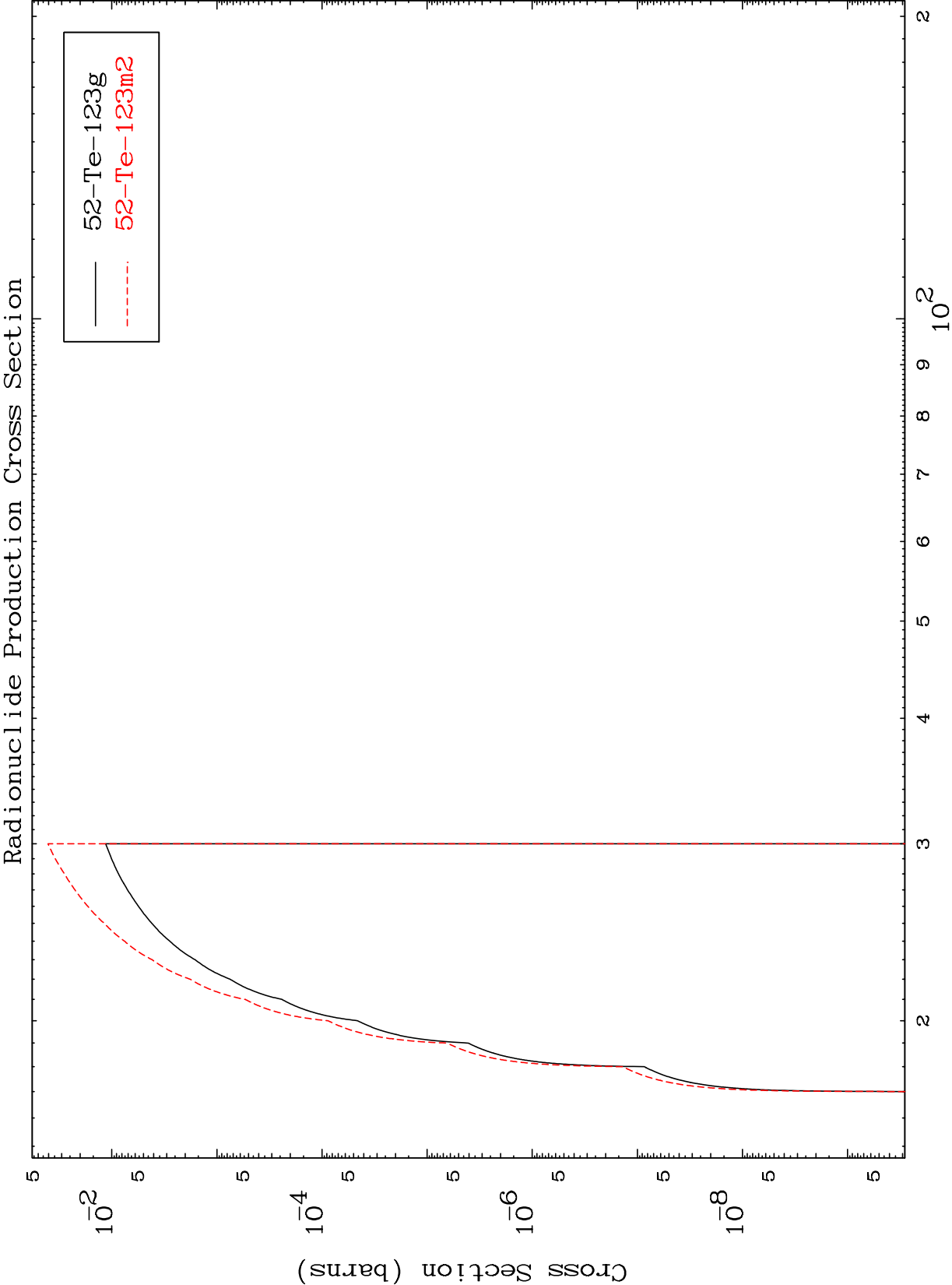
134

Incident Energy (MeV)

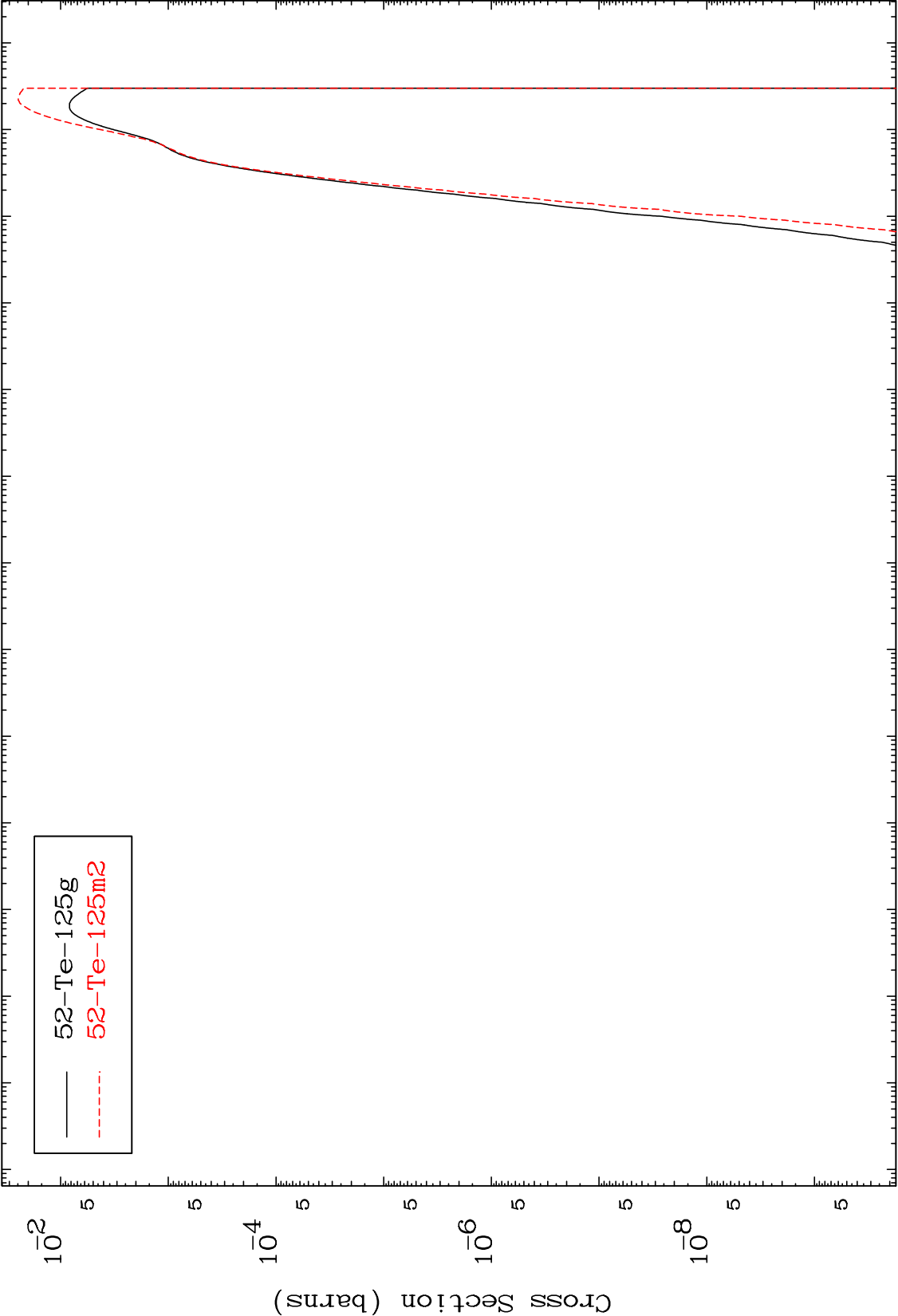
53-I -125







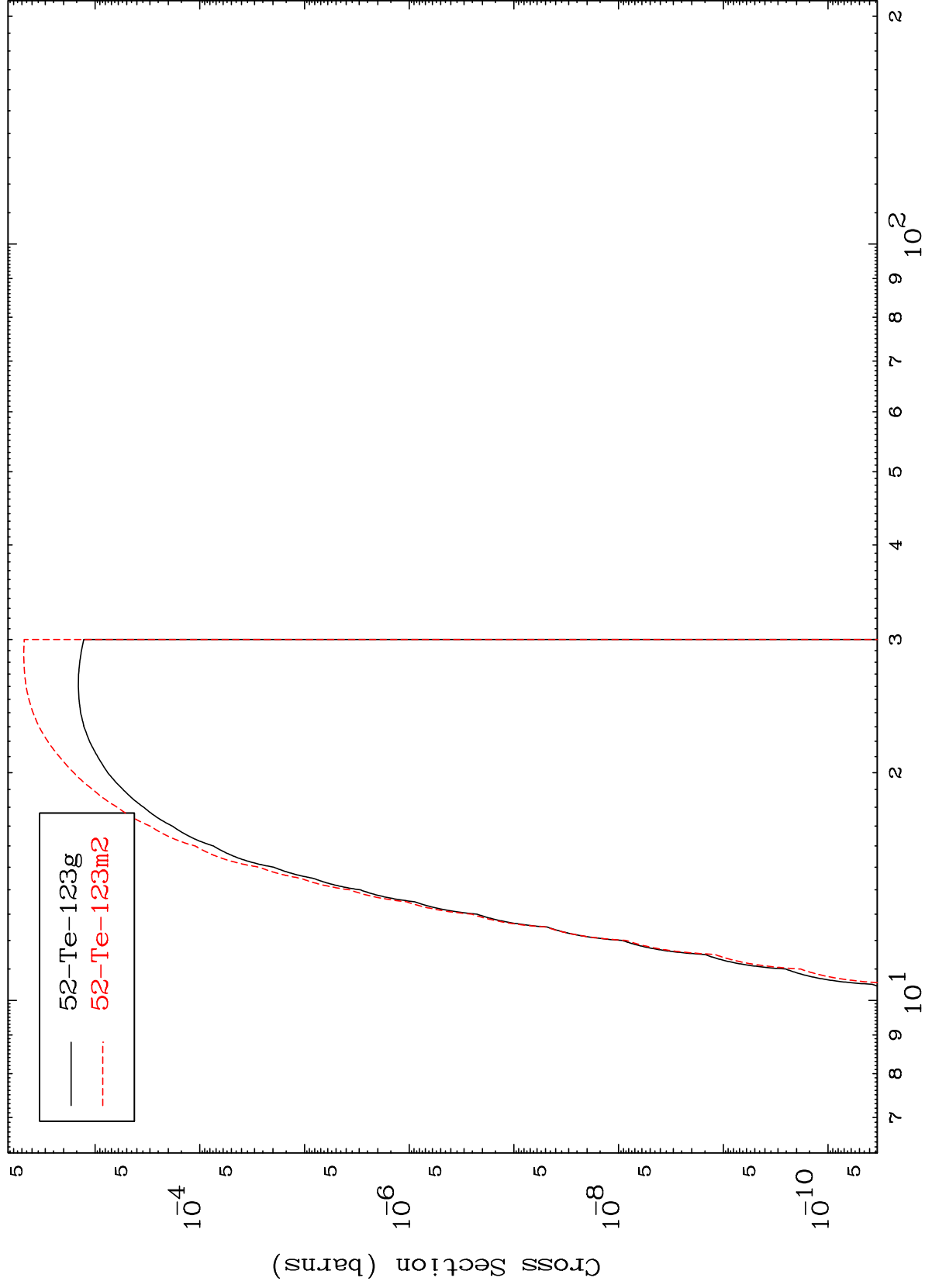
Radionuclide Production Cross Section



MAT 5319

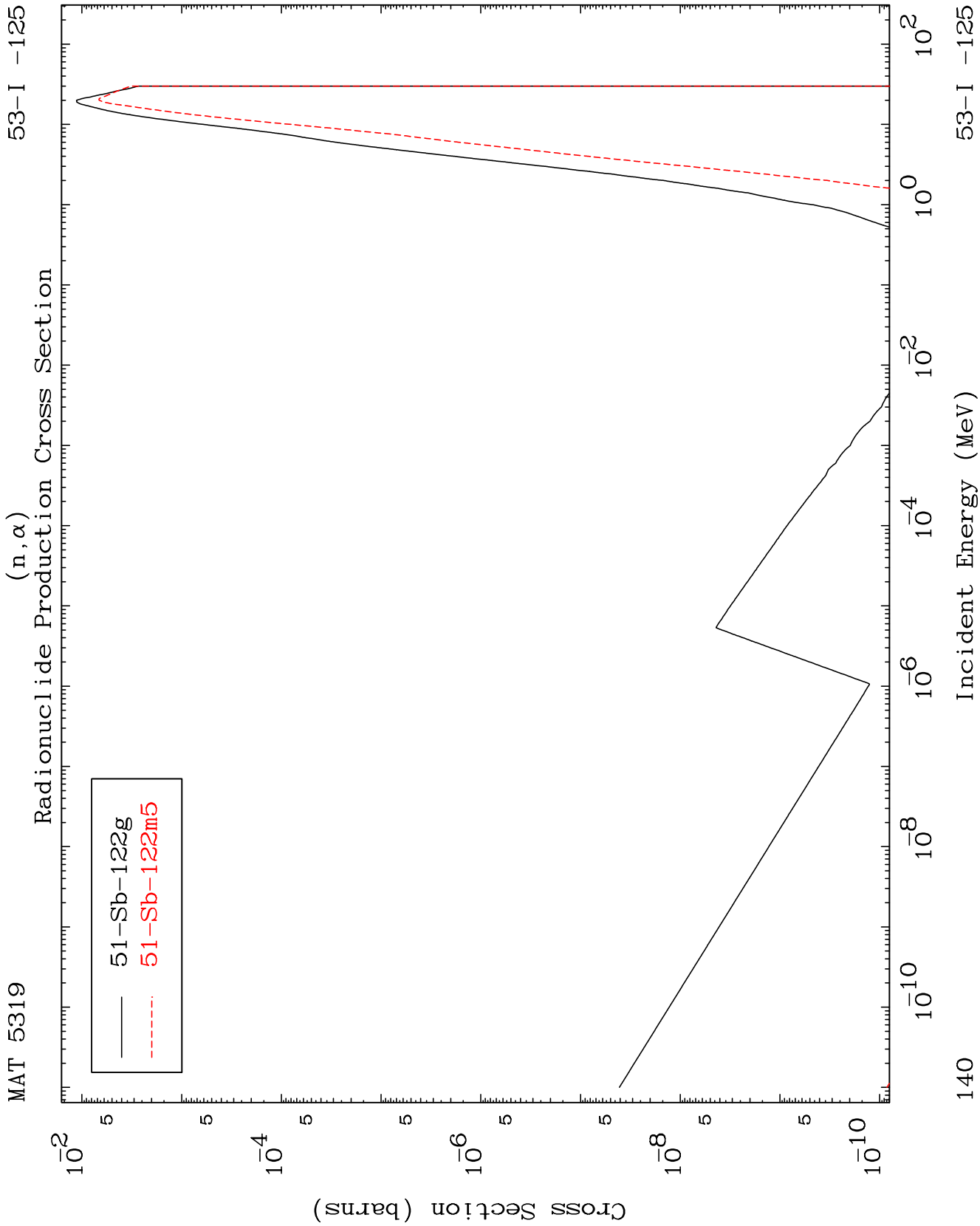
53-I -125

(n,t)
Radionuclide Production Cross Section



139

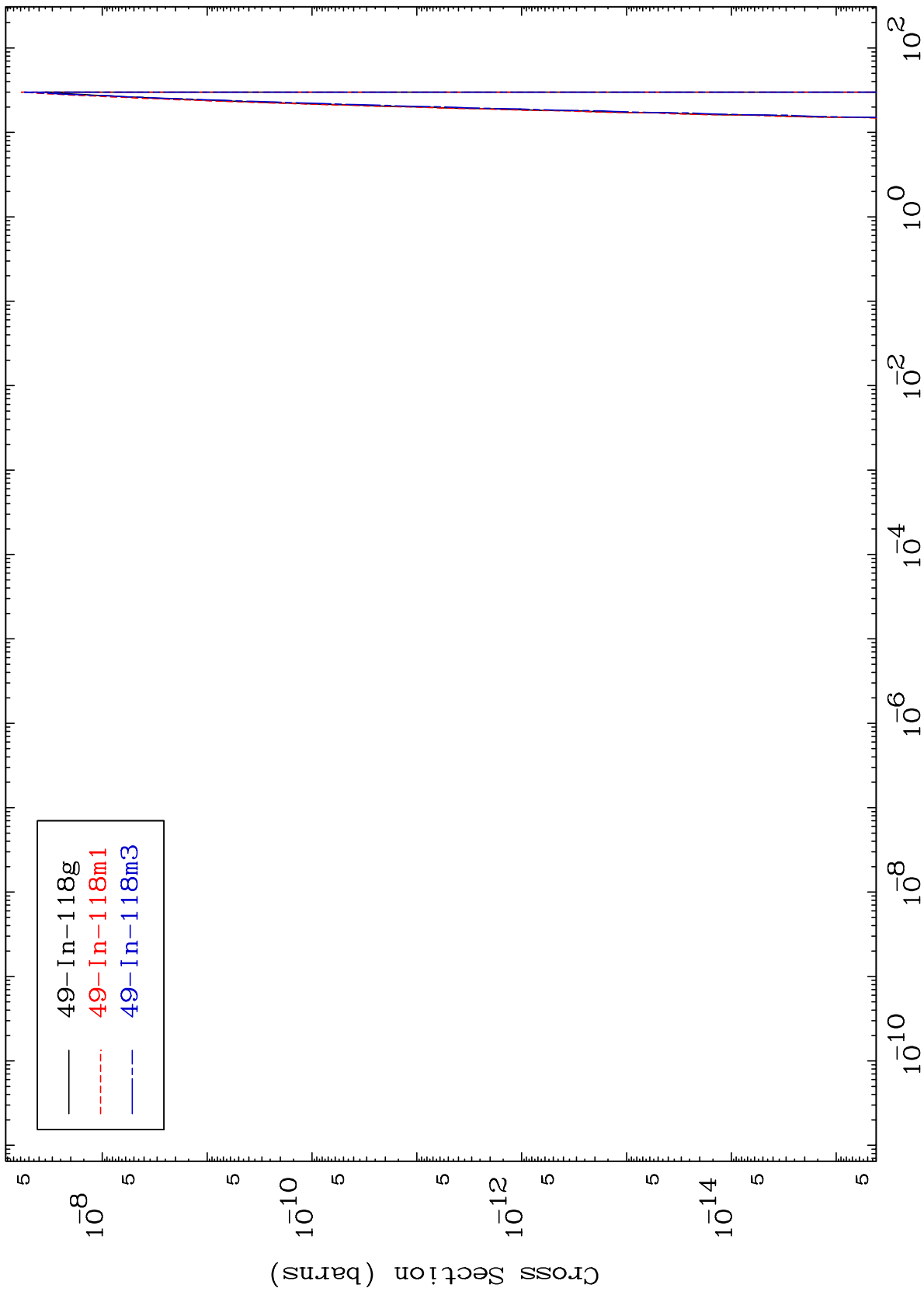
53-I -125



MAT 5319

53-I -125

(n,2α)
Radionuclide Production Cross Section



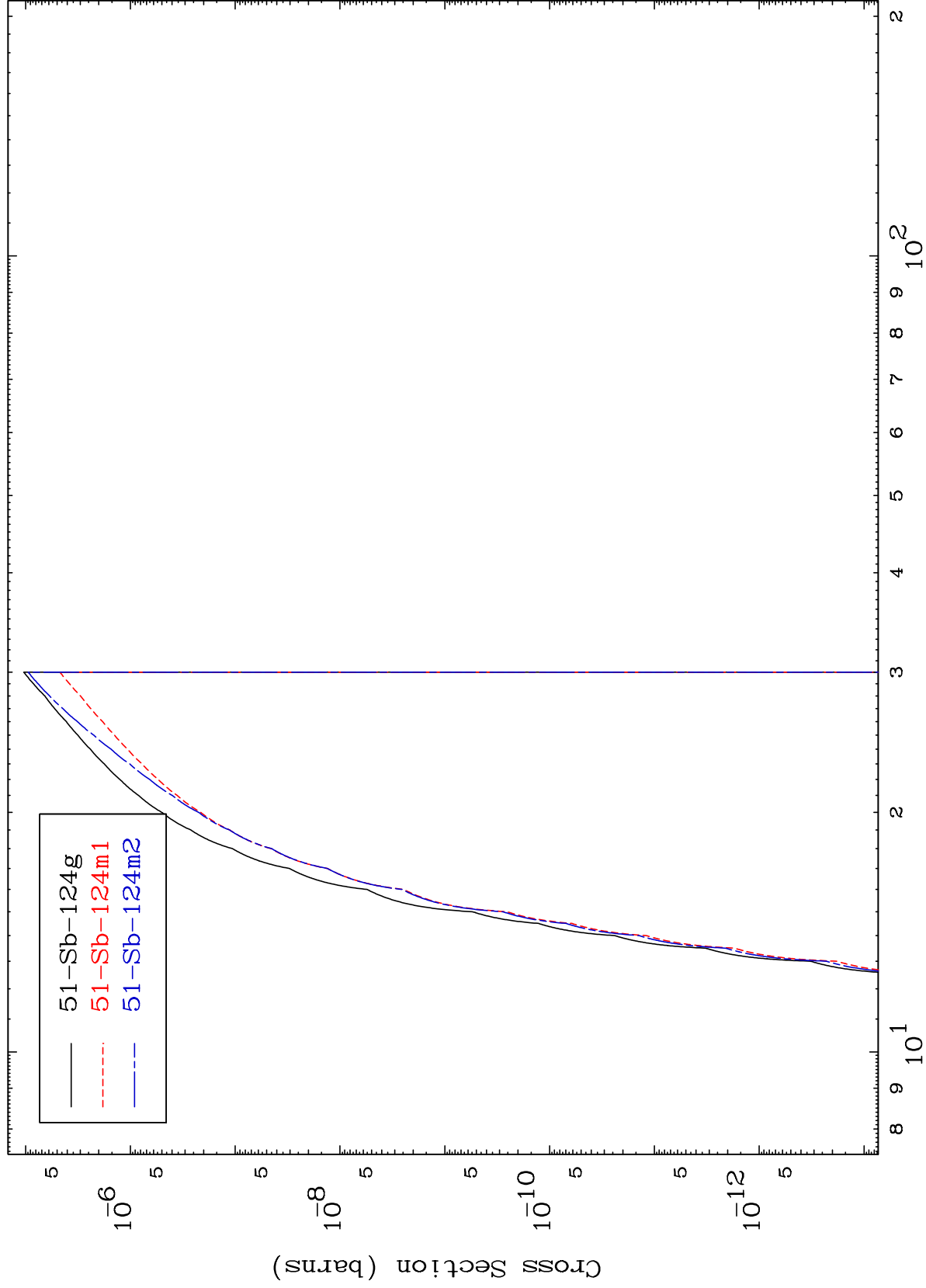
141

53-I -125

MAT 5319

53-I -125

Radionuclide Production Cross Section
(n,2p)



53-I -125

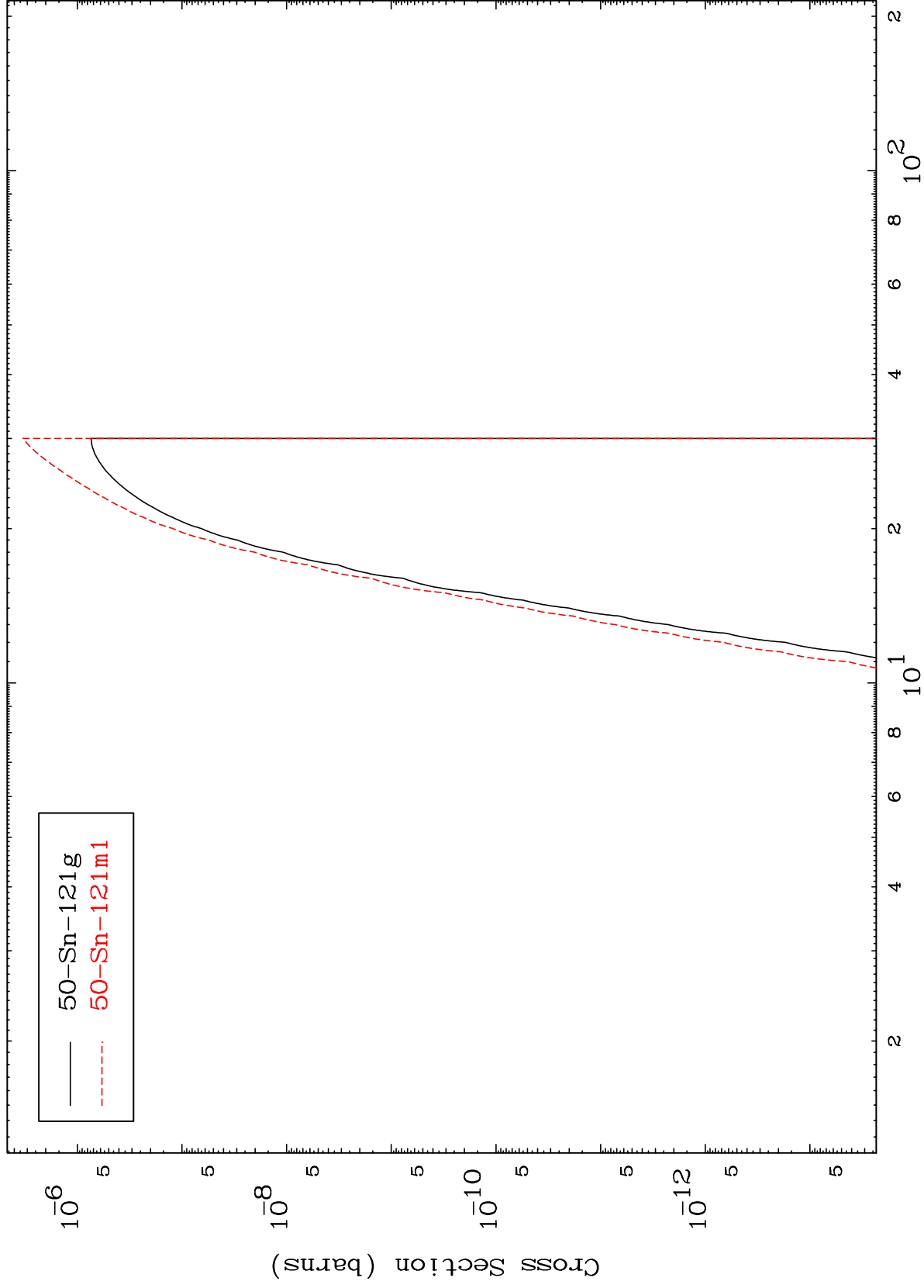
Incident Energy (MeV)

142

MAT 5319

53-I -125

(n,p) α
Radionuclide Production Cross Section



143

Incident Energy (MeV)

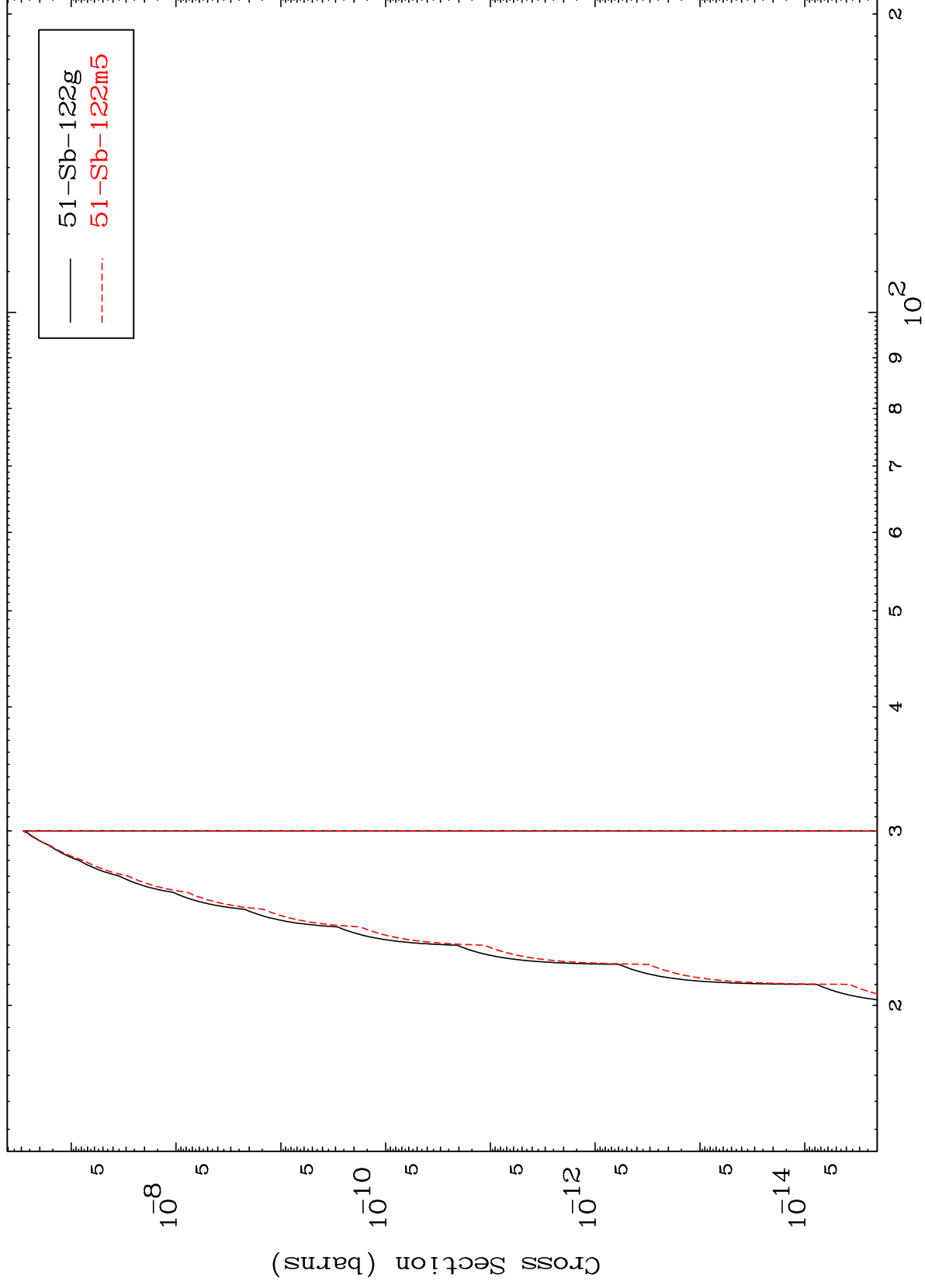
53-I -125

MAT 5319

(n,p) t

53-I -125

Radionuclide Production Cross Section



144

Incident Energy (MeV)

53-I -125