

Program EVALPLOT
(Version 2021-1)

by

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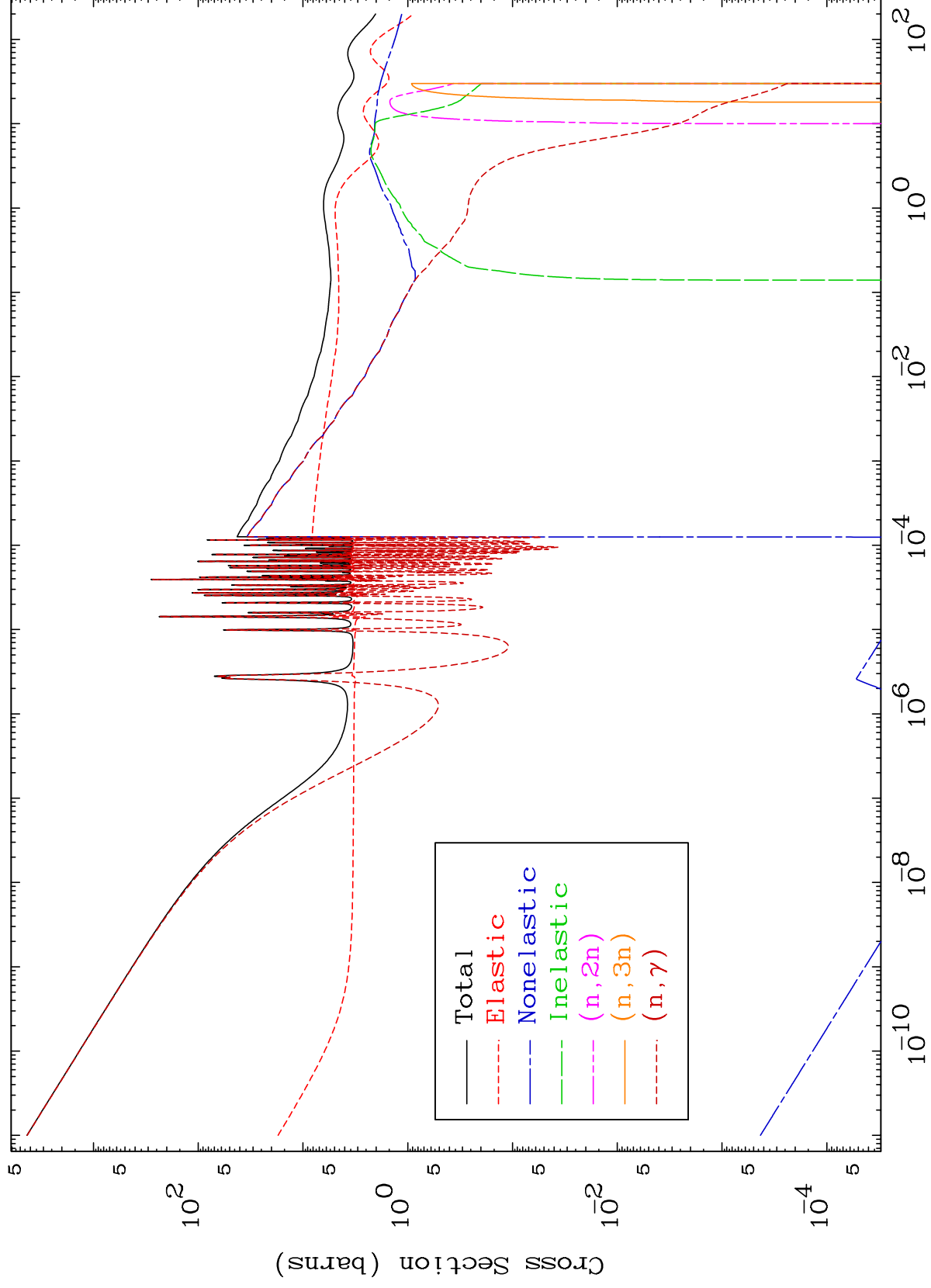
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5313

Neutron Major
293 Kelvin Cross Sections

53-I -123



1

Incident Energy (MeV)

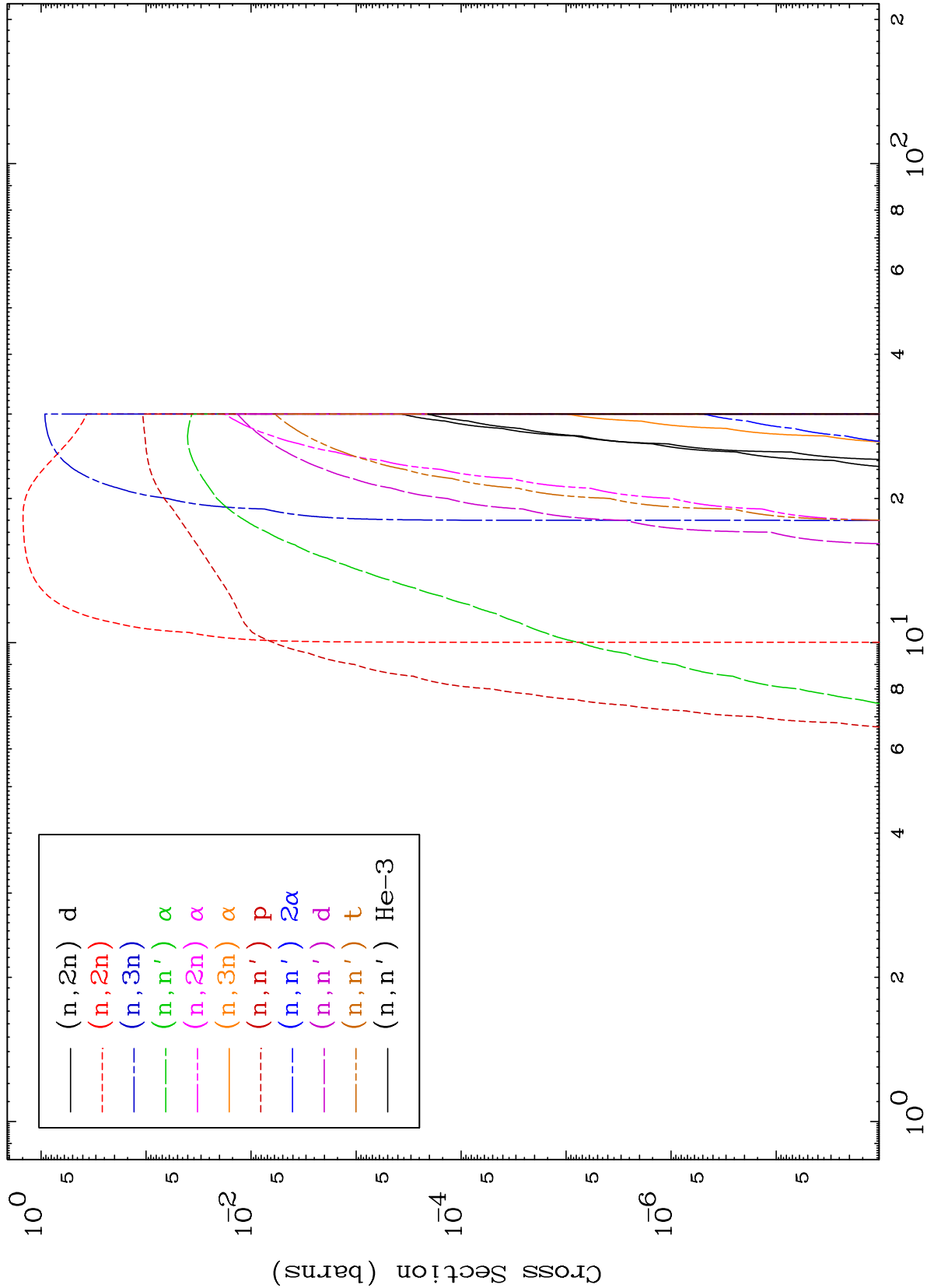
53-I -123

MAT 5313

Neutron Absorption

293 Kelvin Cross Sections

53-I -123



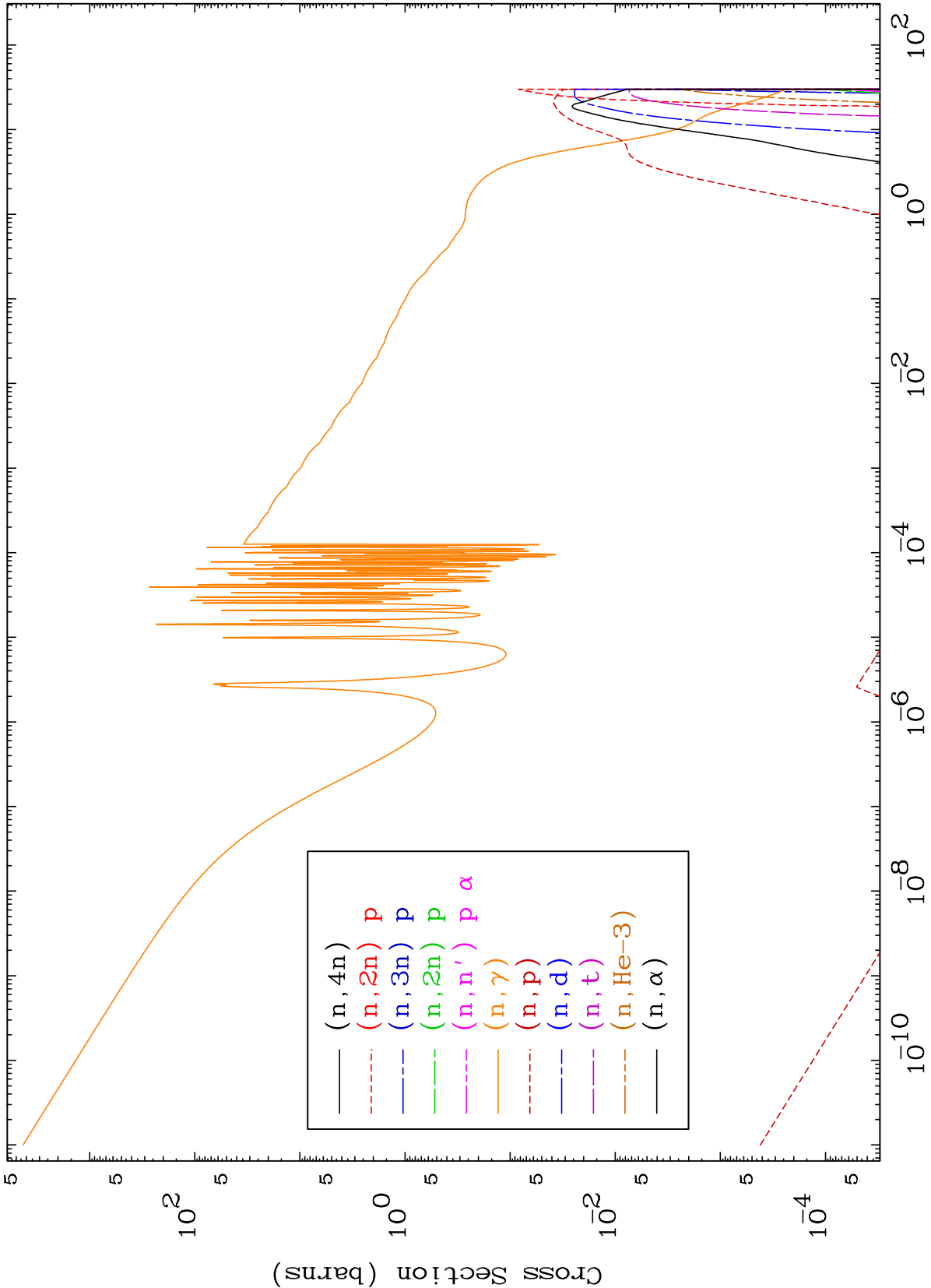
Incident Energy (MeV)

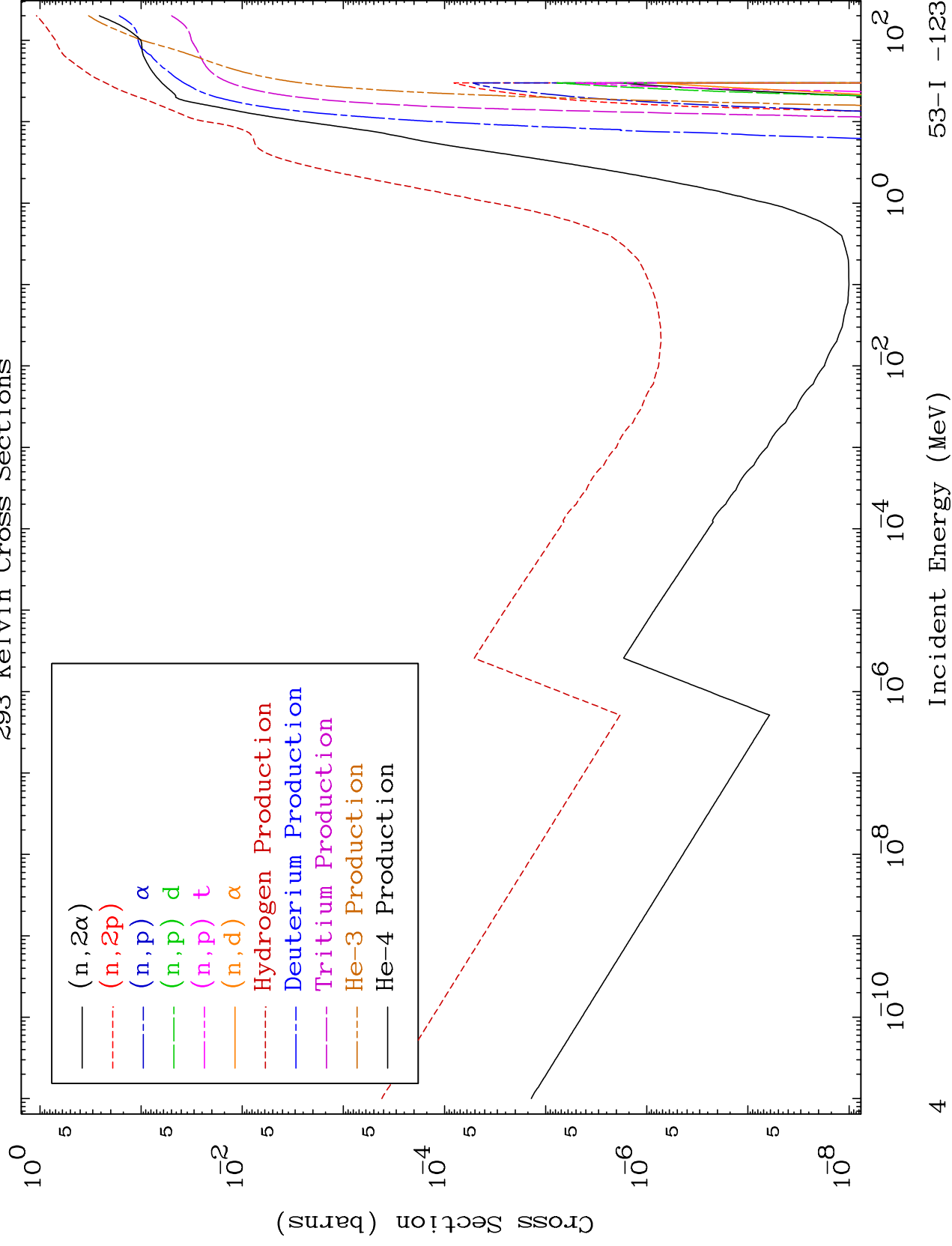
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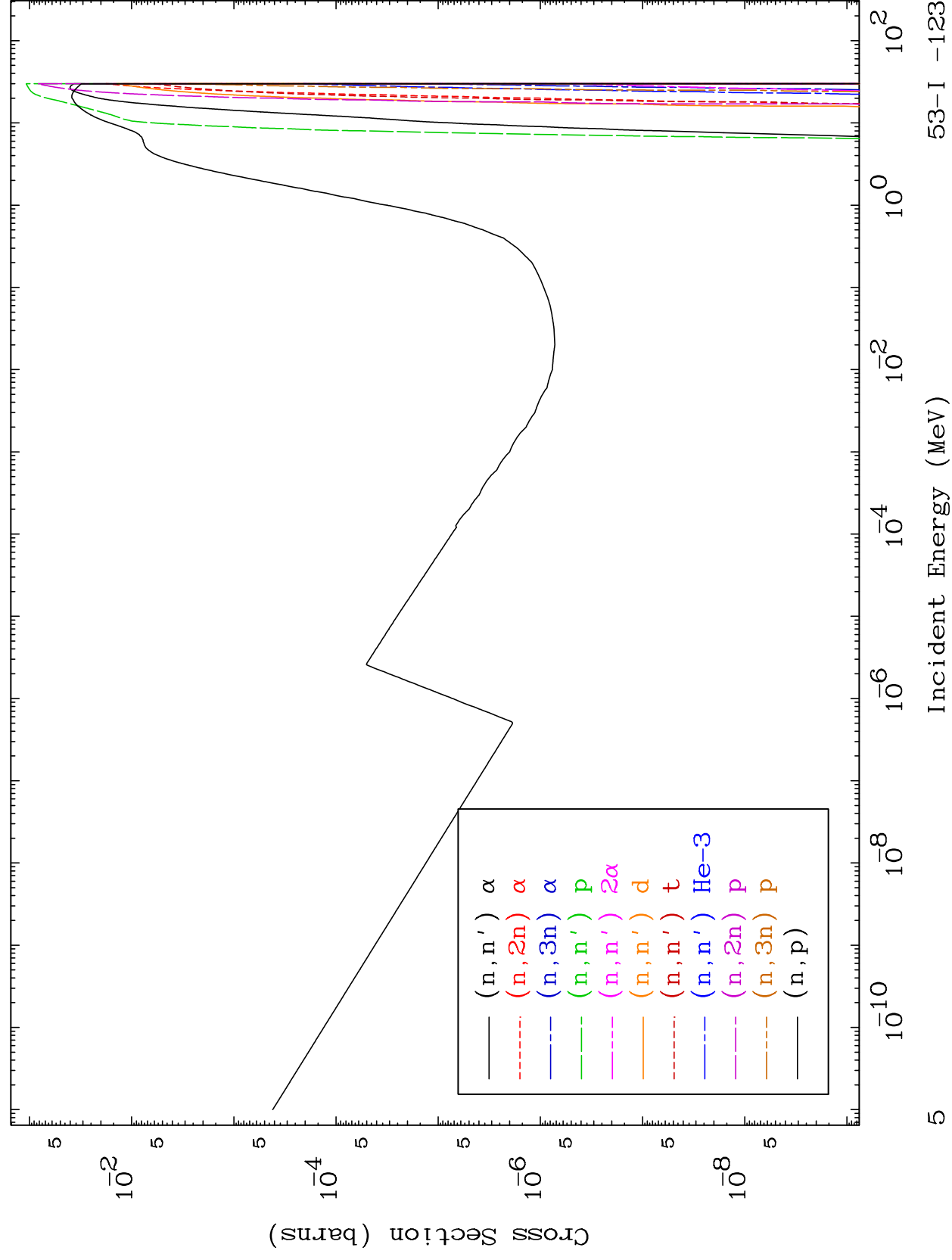
MAT 5313

Neutron Absorption
293 Kelvin Cross Sections

53-I -123



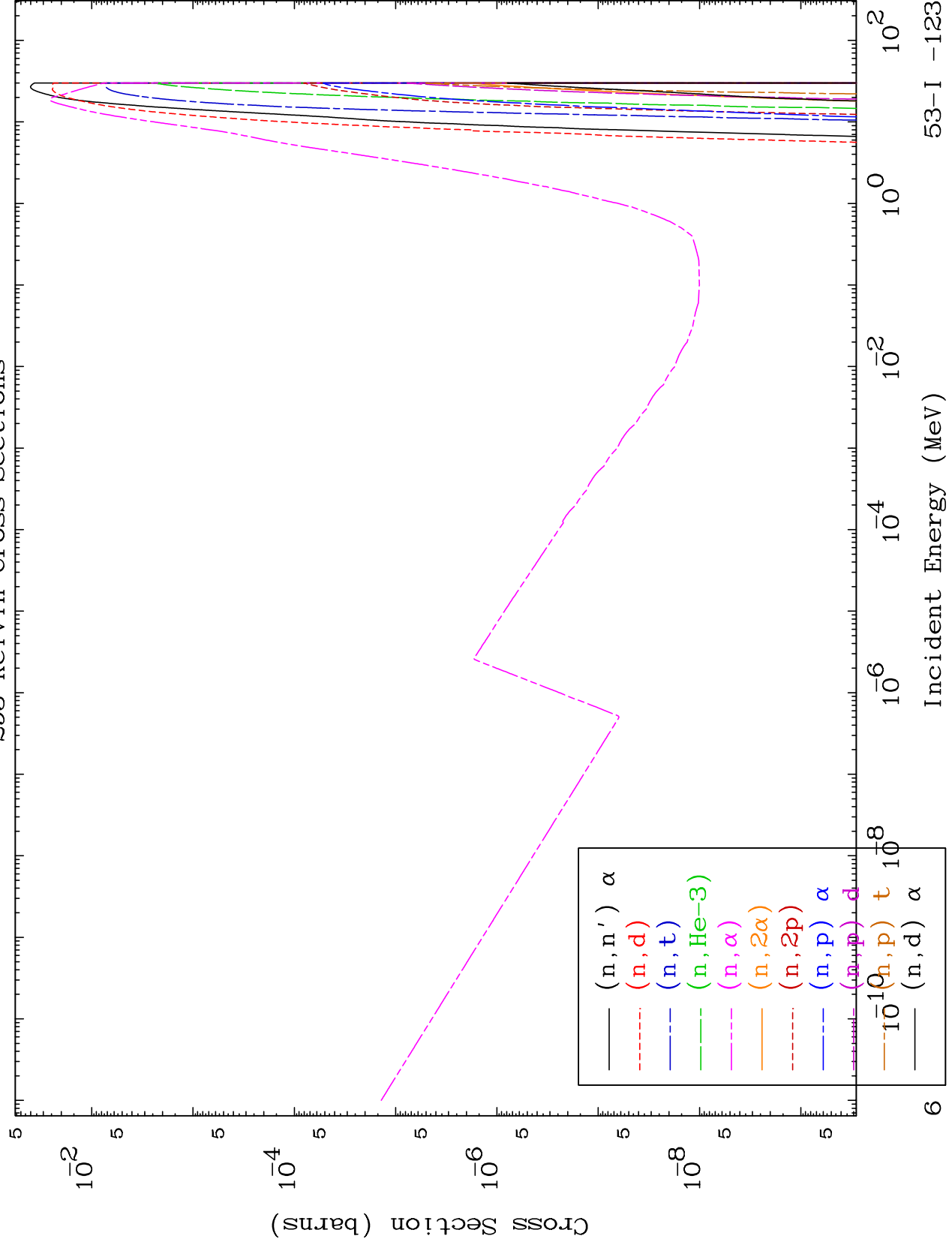




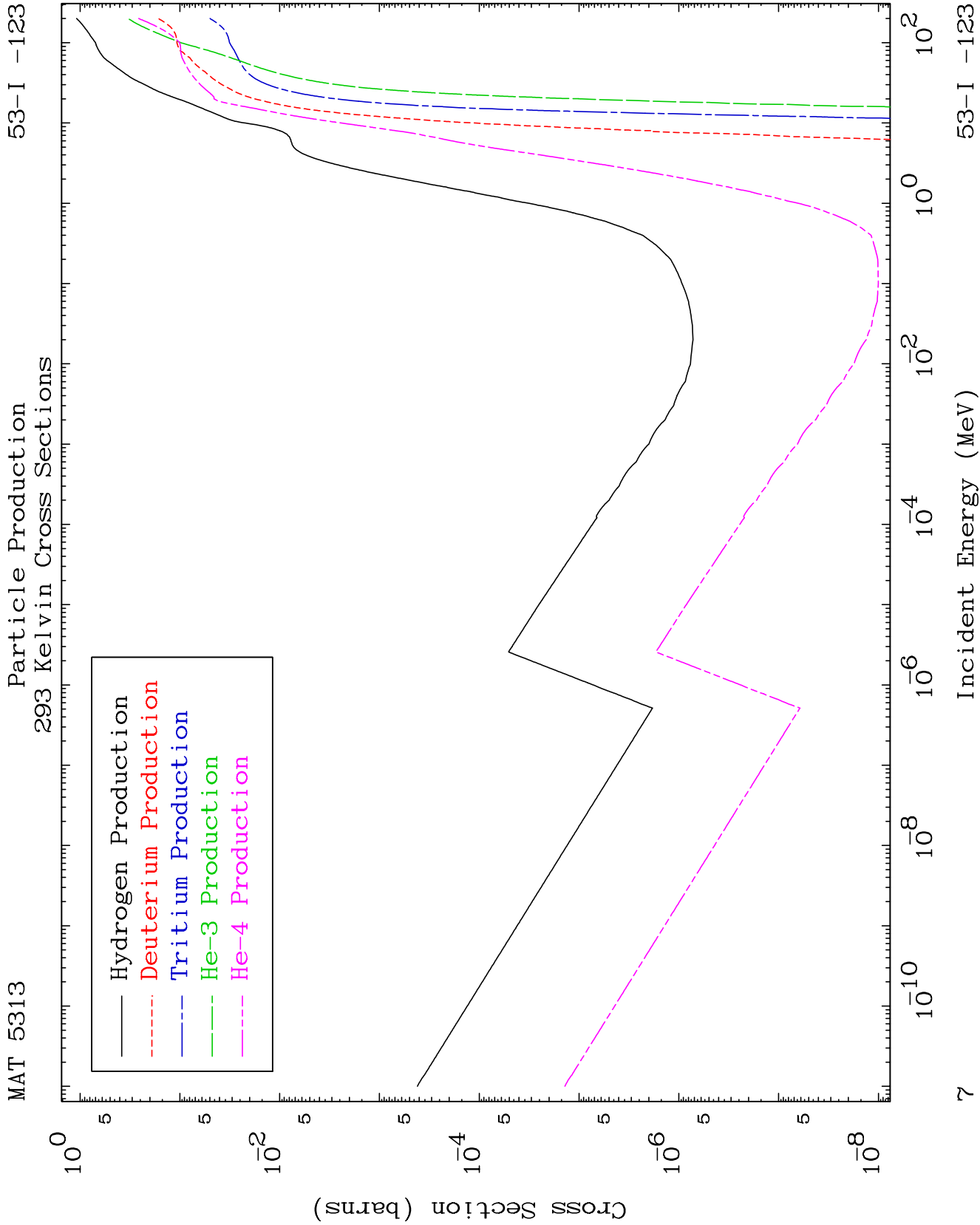
MAT 5313

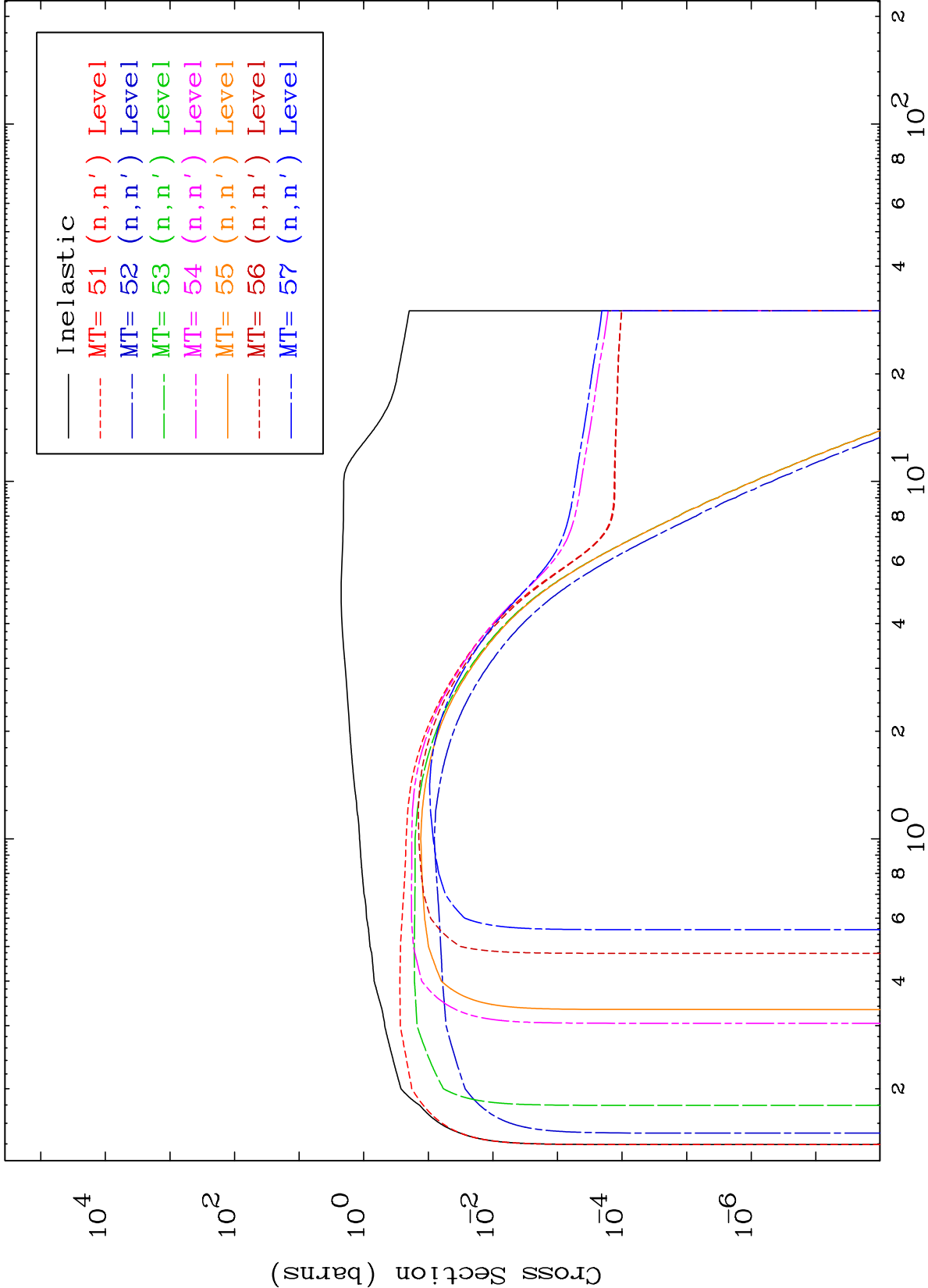
Charged Particle
293 Kelvin Cross Sections

53-I -123

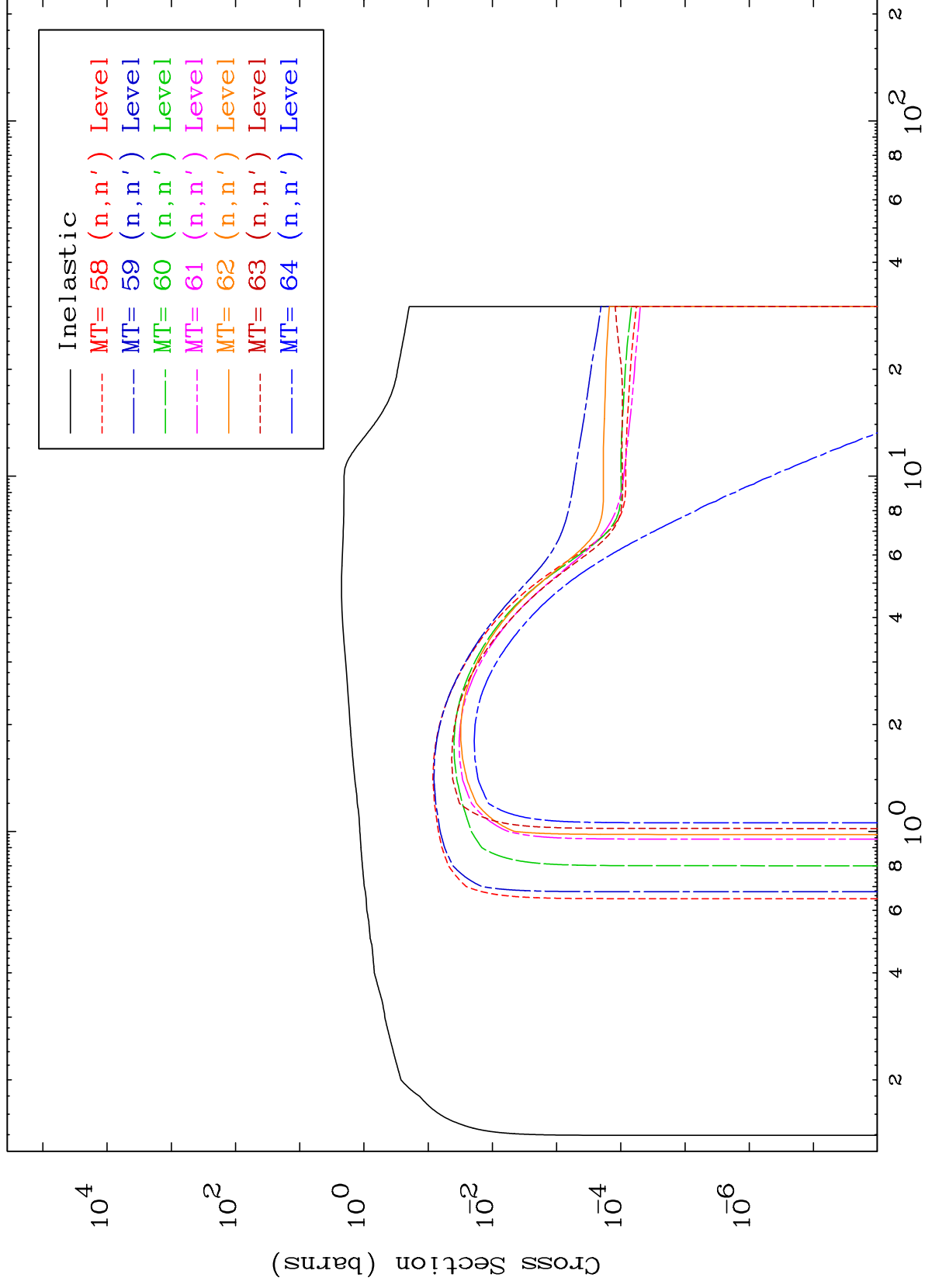


53-I -123





293 Kelvin Cross Sections

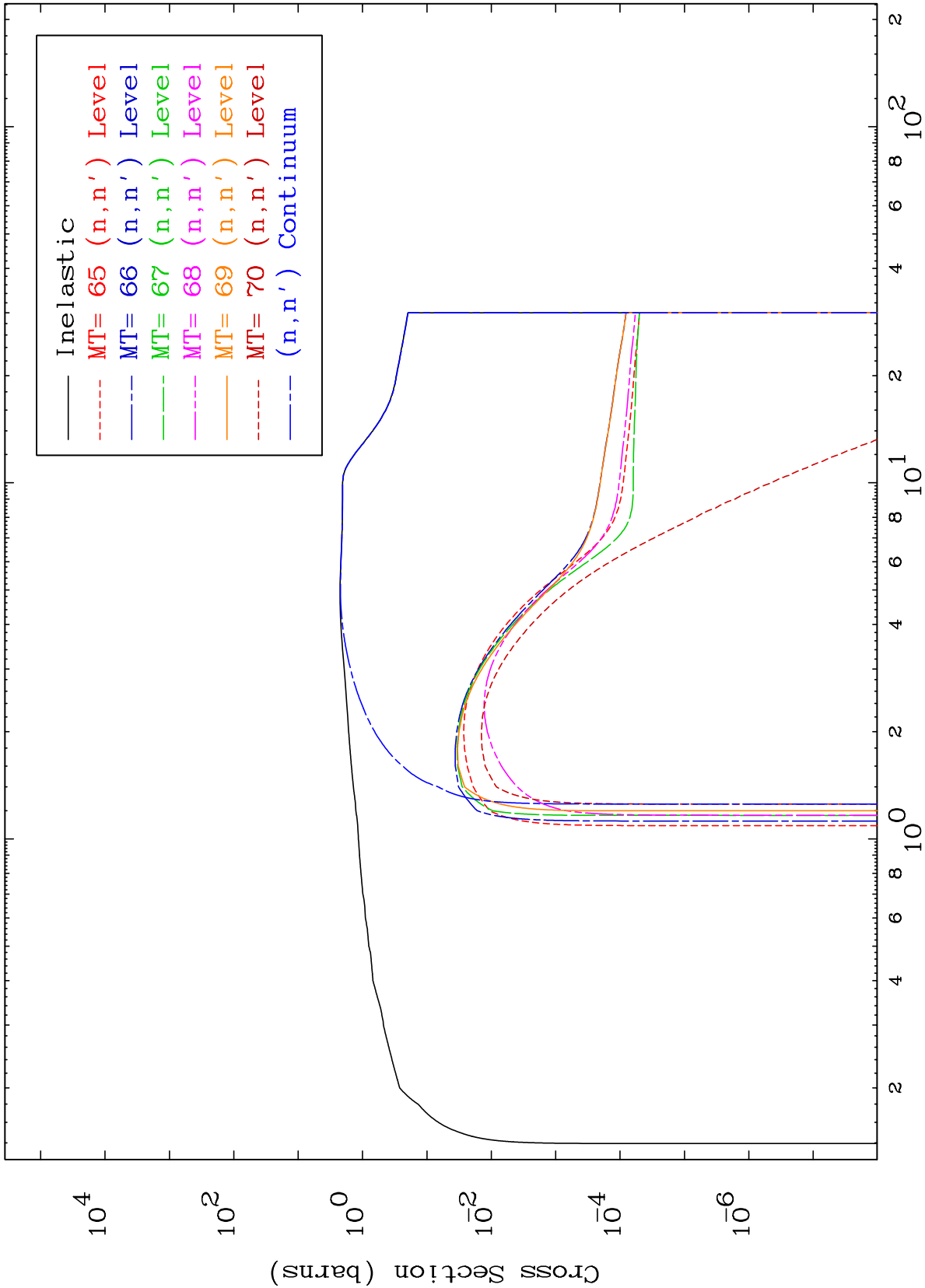


MAT 5313

(n,n') Levels

293 Kelvin Cross Sections

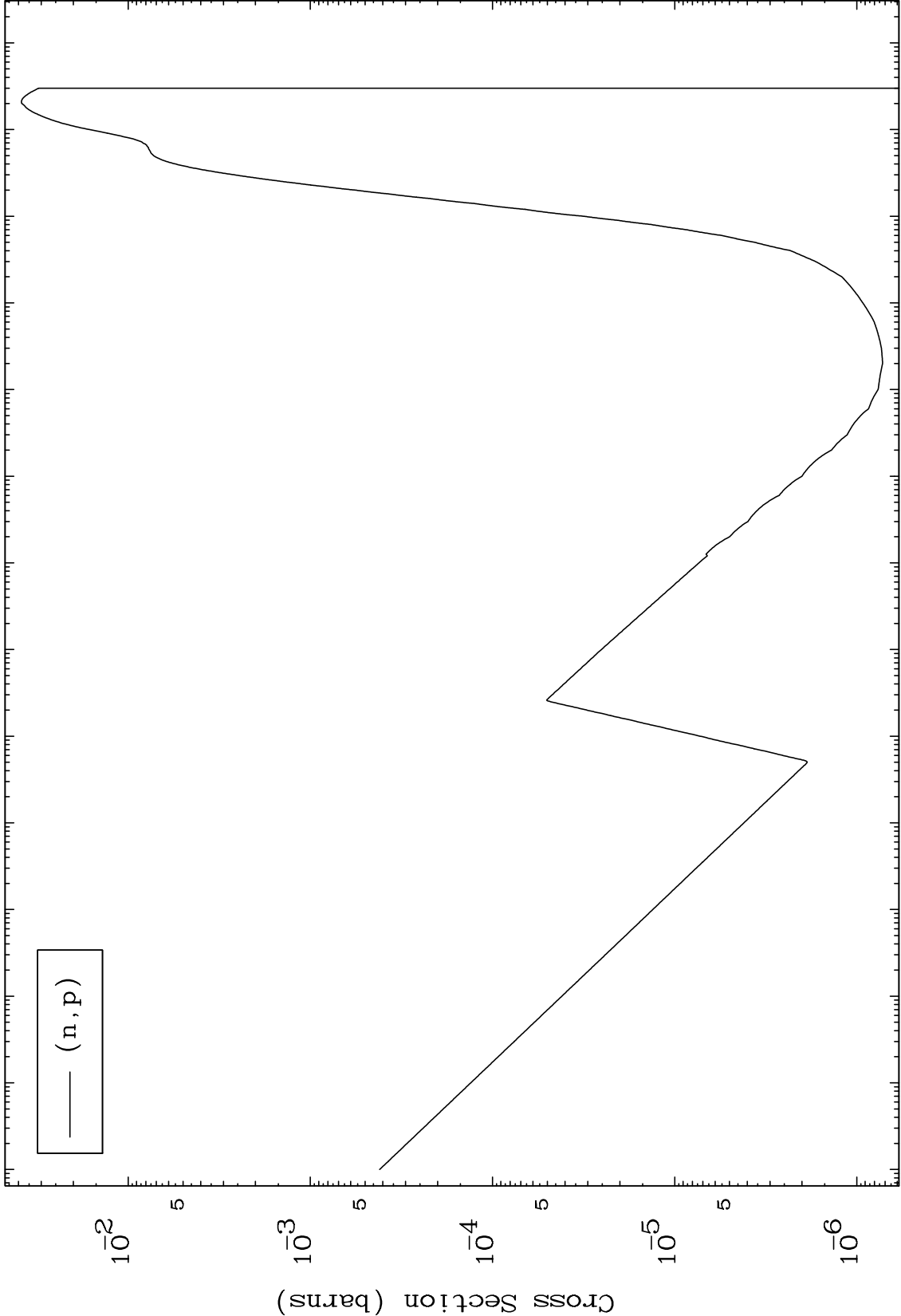
53-I -123



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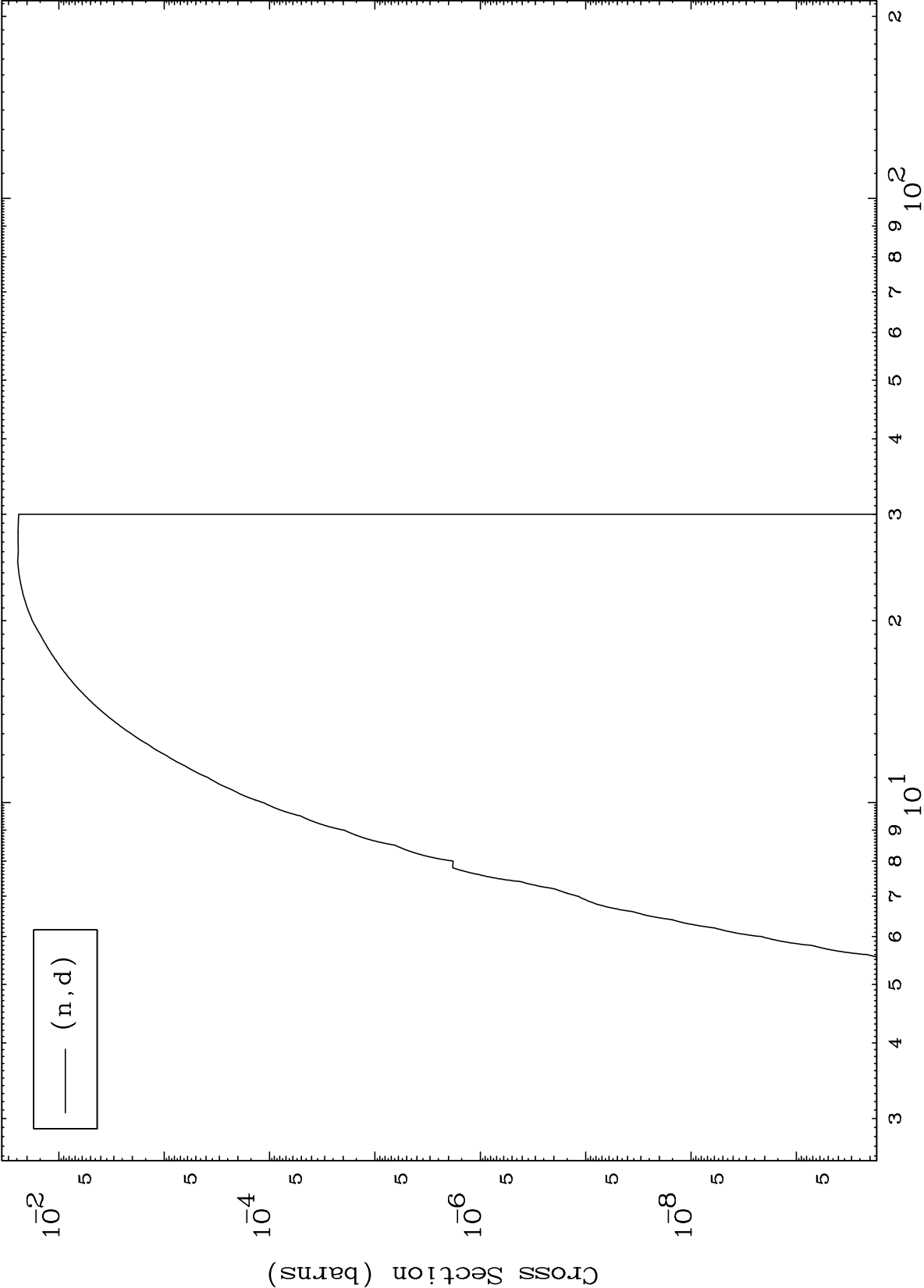
53-I -123



MAT 5313

(n,d) Levels
293 Kelvin Cross Sections

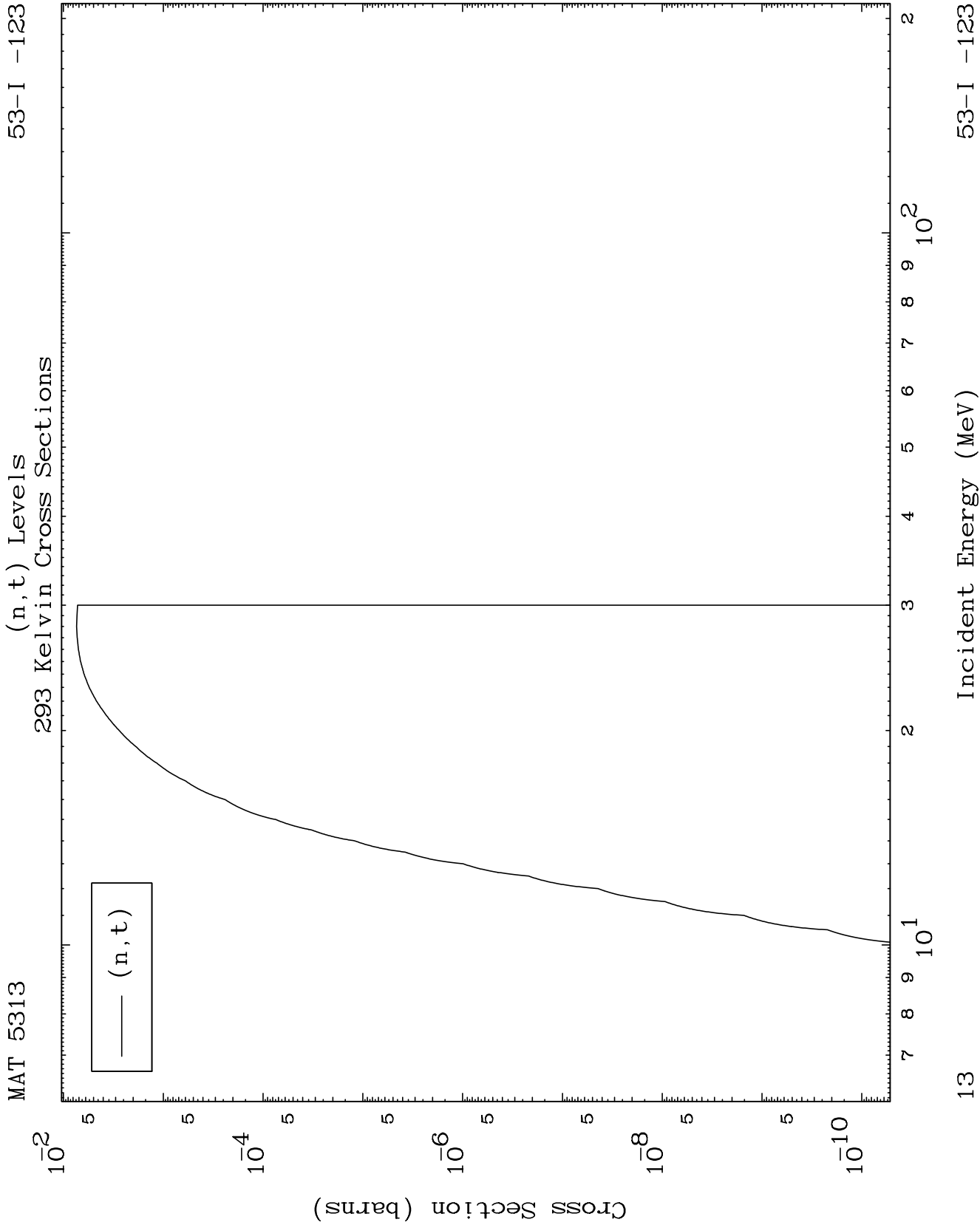
53-I -123



Incident Energy (MeV)

53-I -123

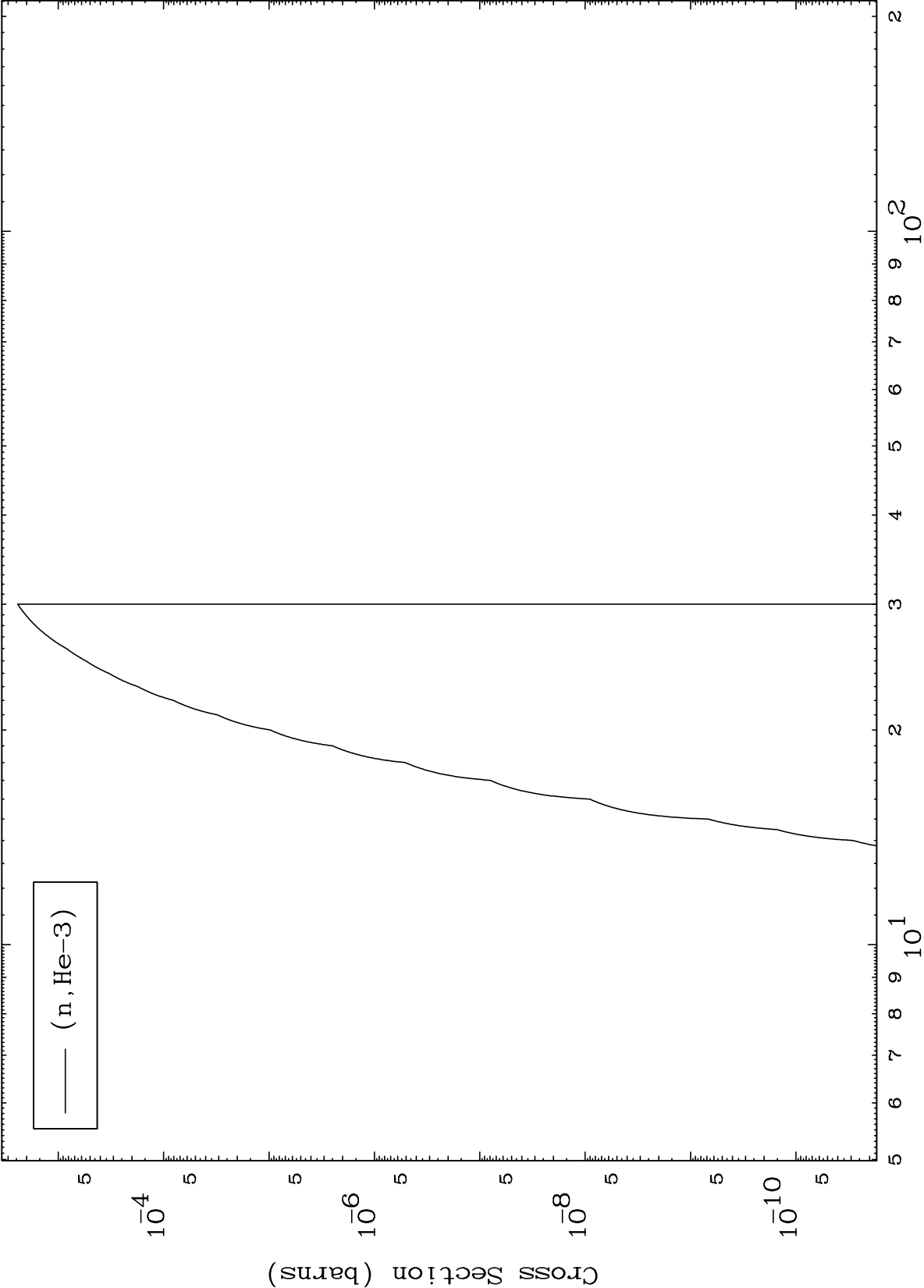
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MAT 5313

(n,He3) Levels
293 Kelvin Cross Sections

53-I -123



14

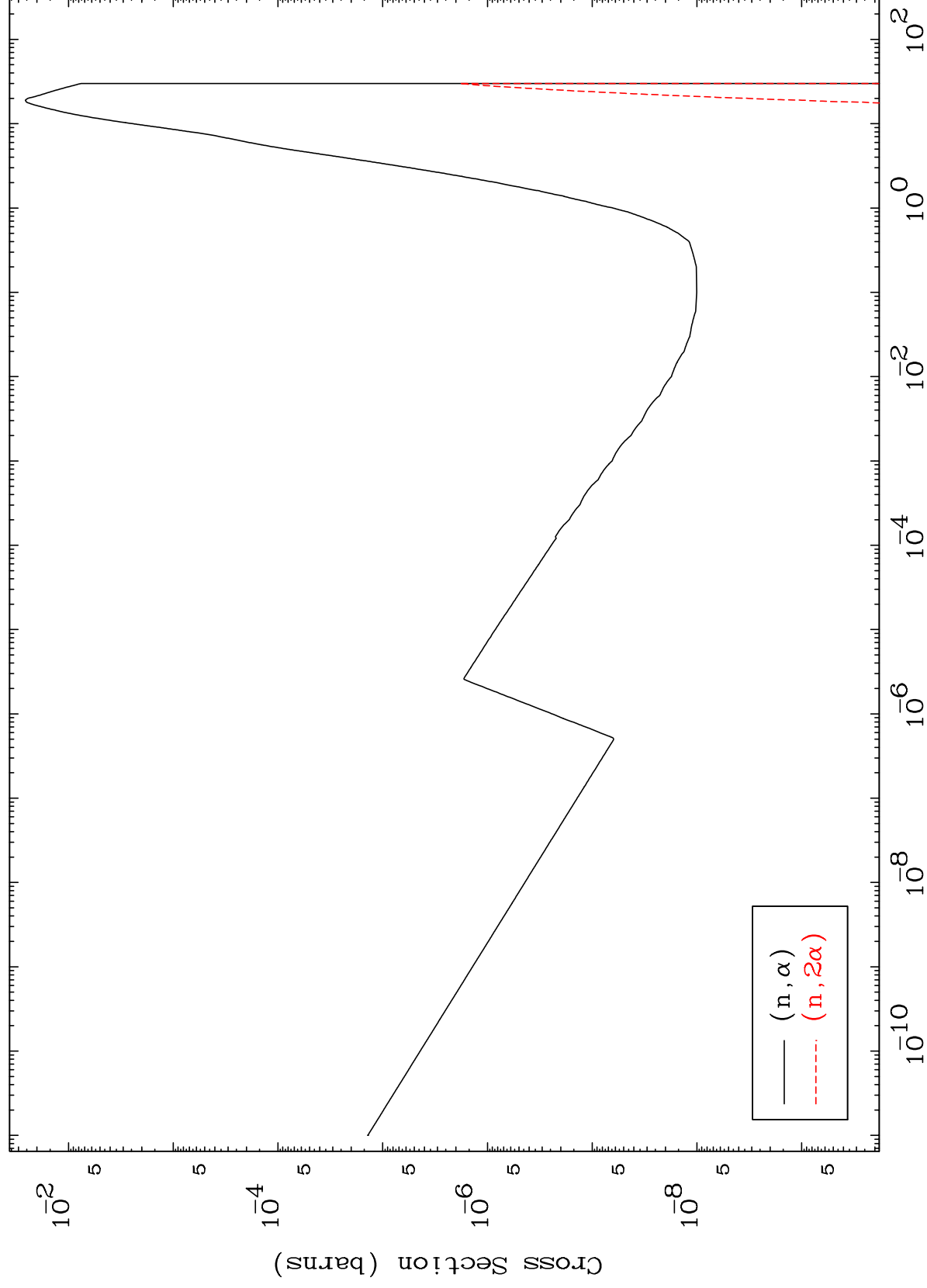
Incident Energy (MeV)

53-I -123

MAT 5313

(n, α) Levels
293 Kelvin Cross Sections

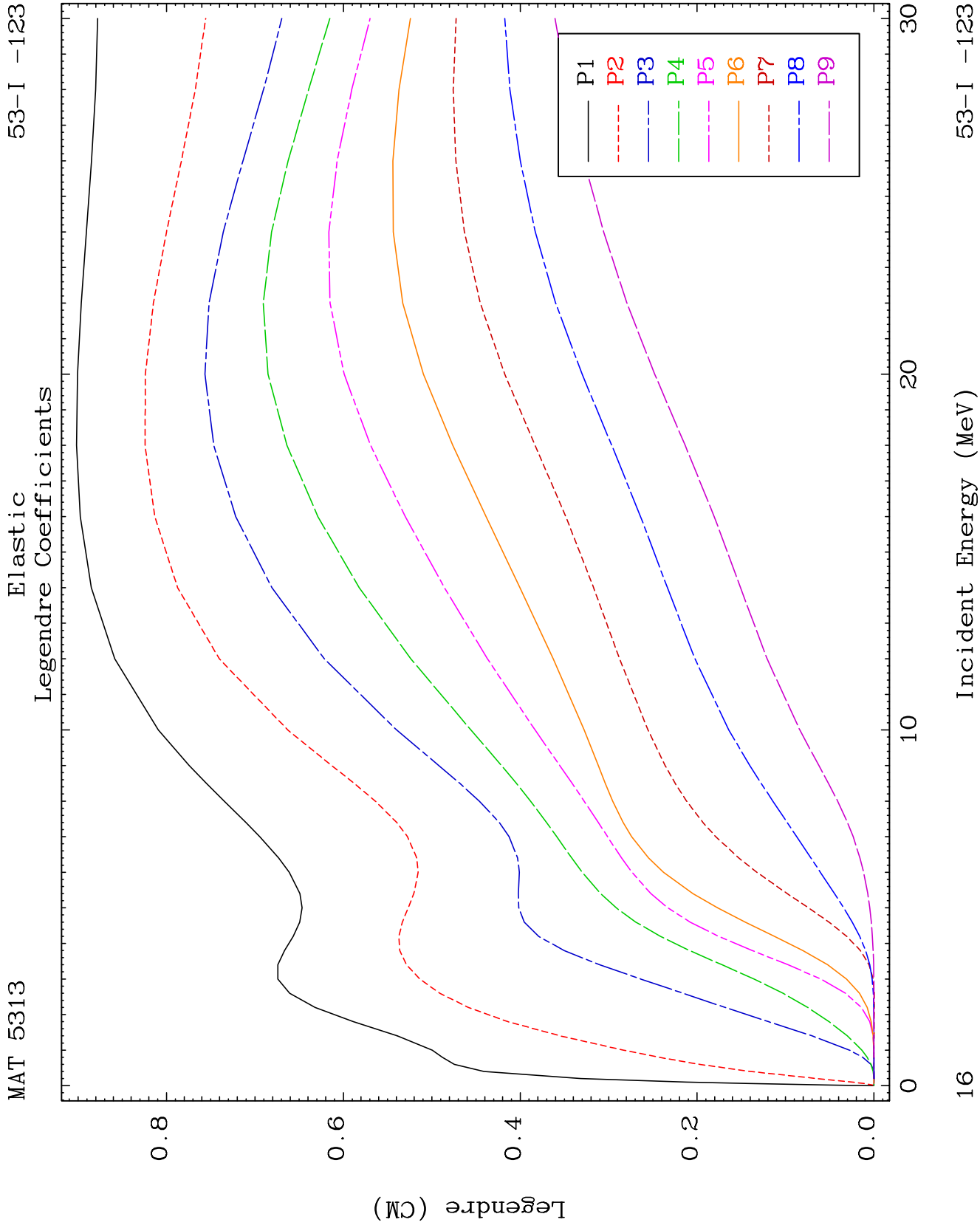
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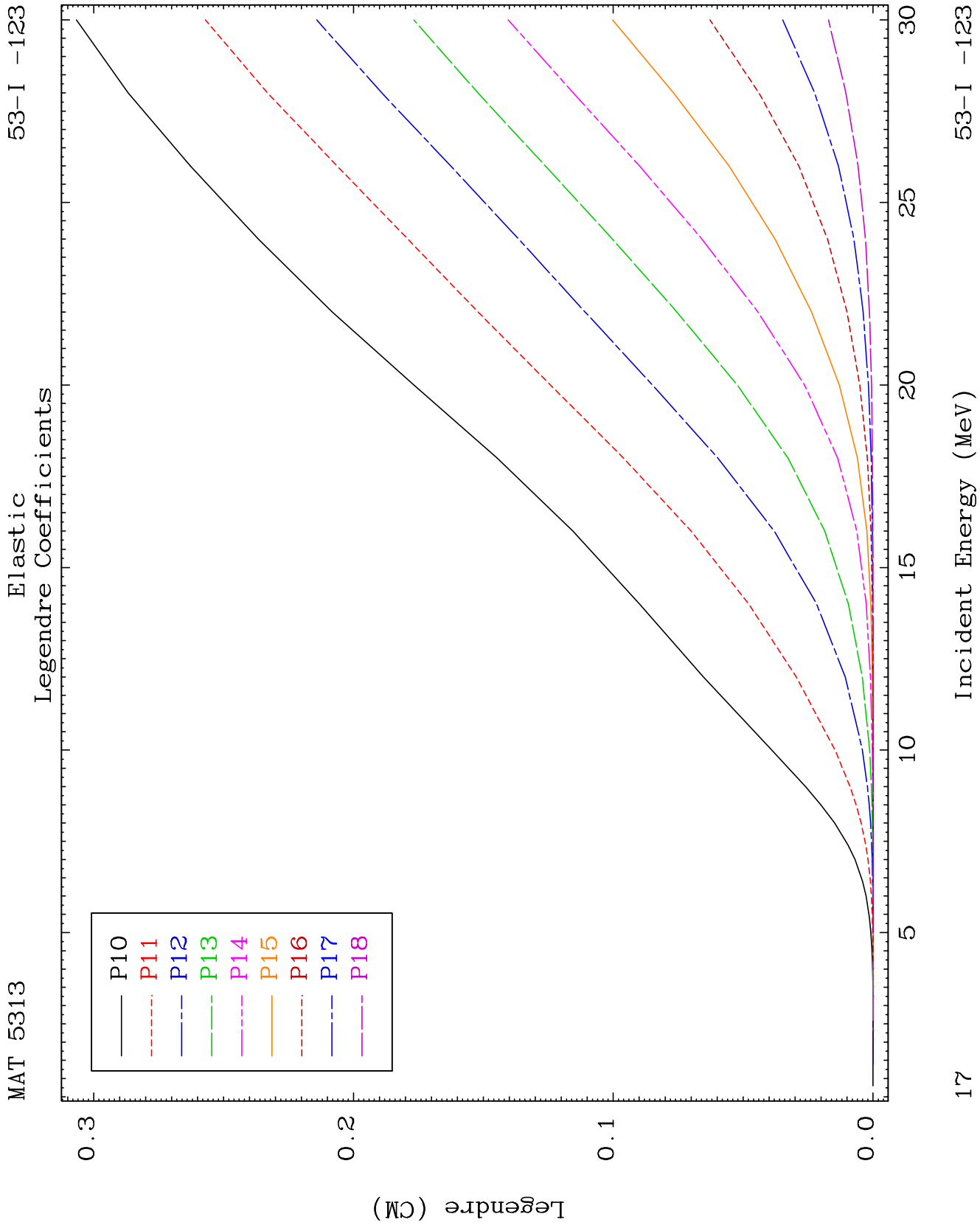


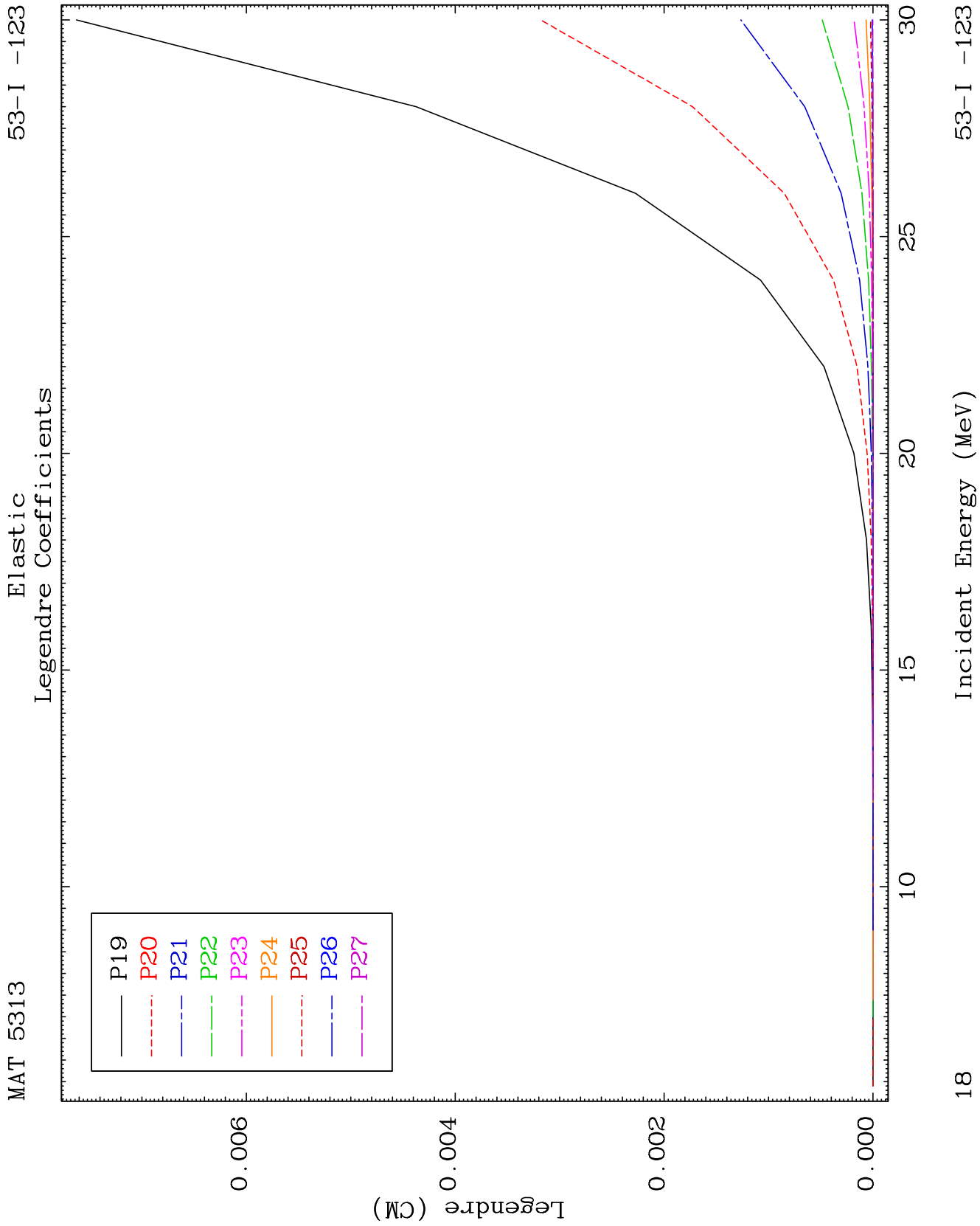
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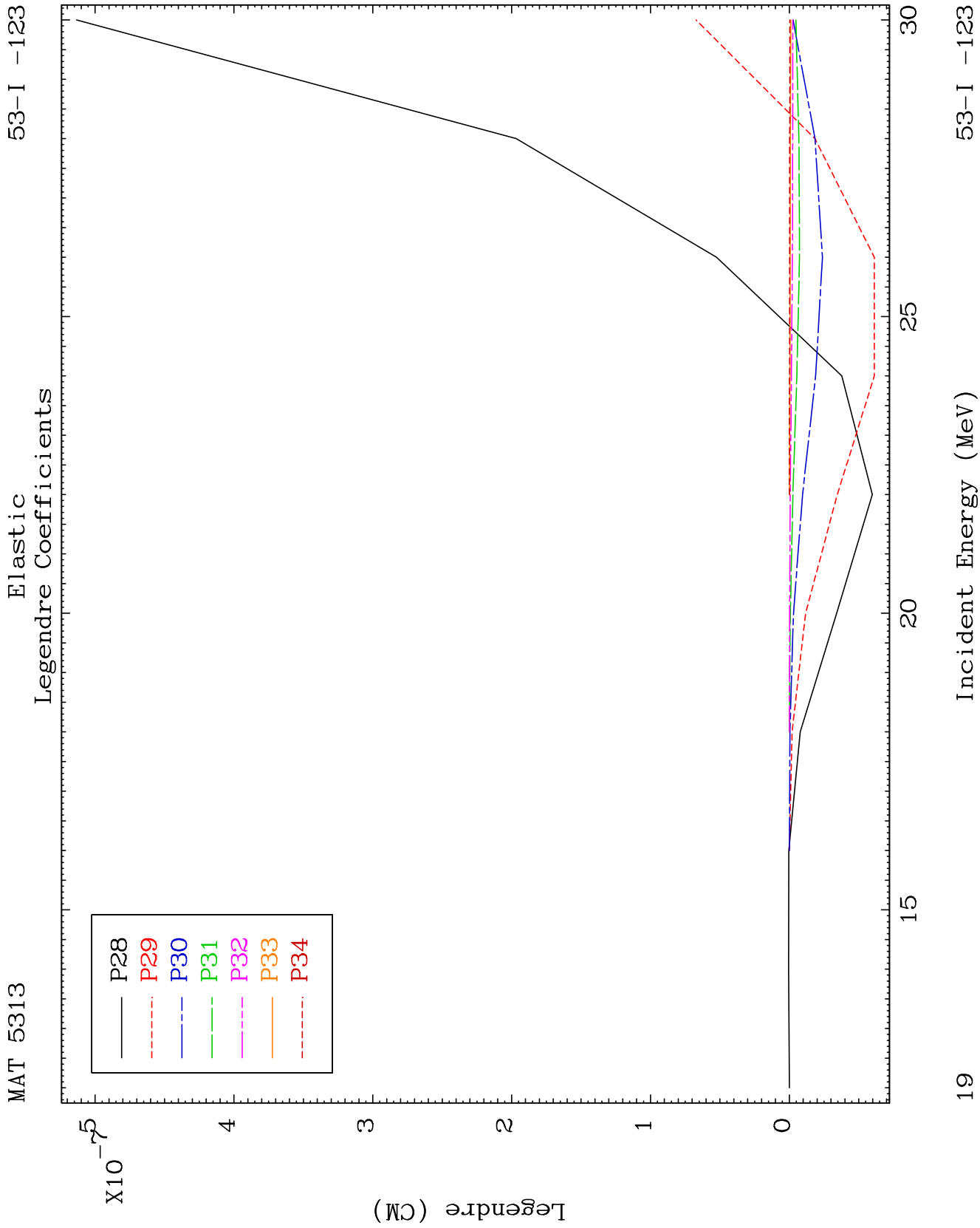
Incident Energy (MeV)

53-I -123





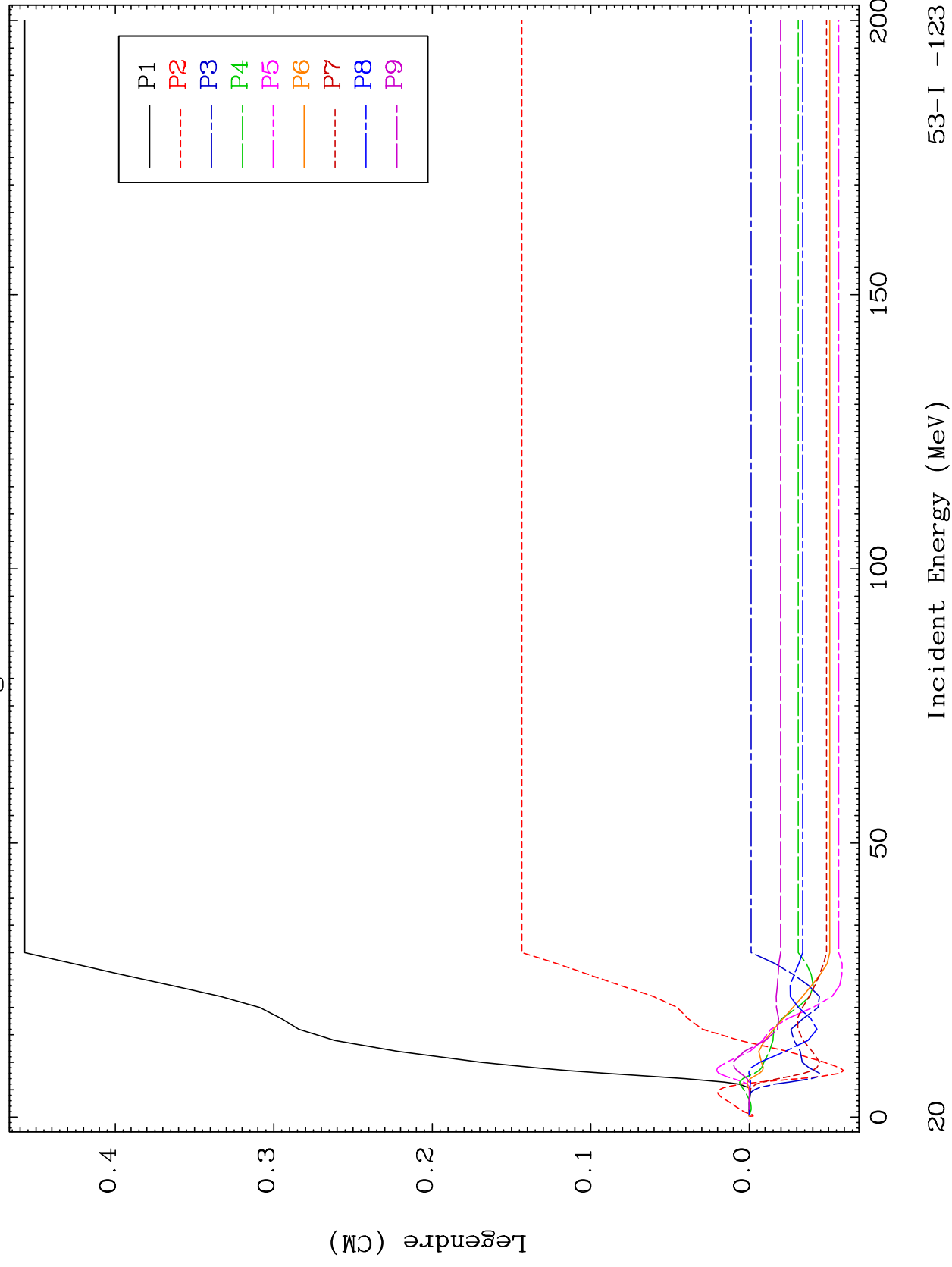


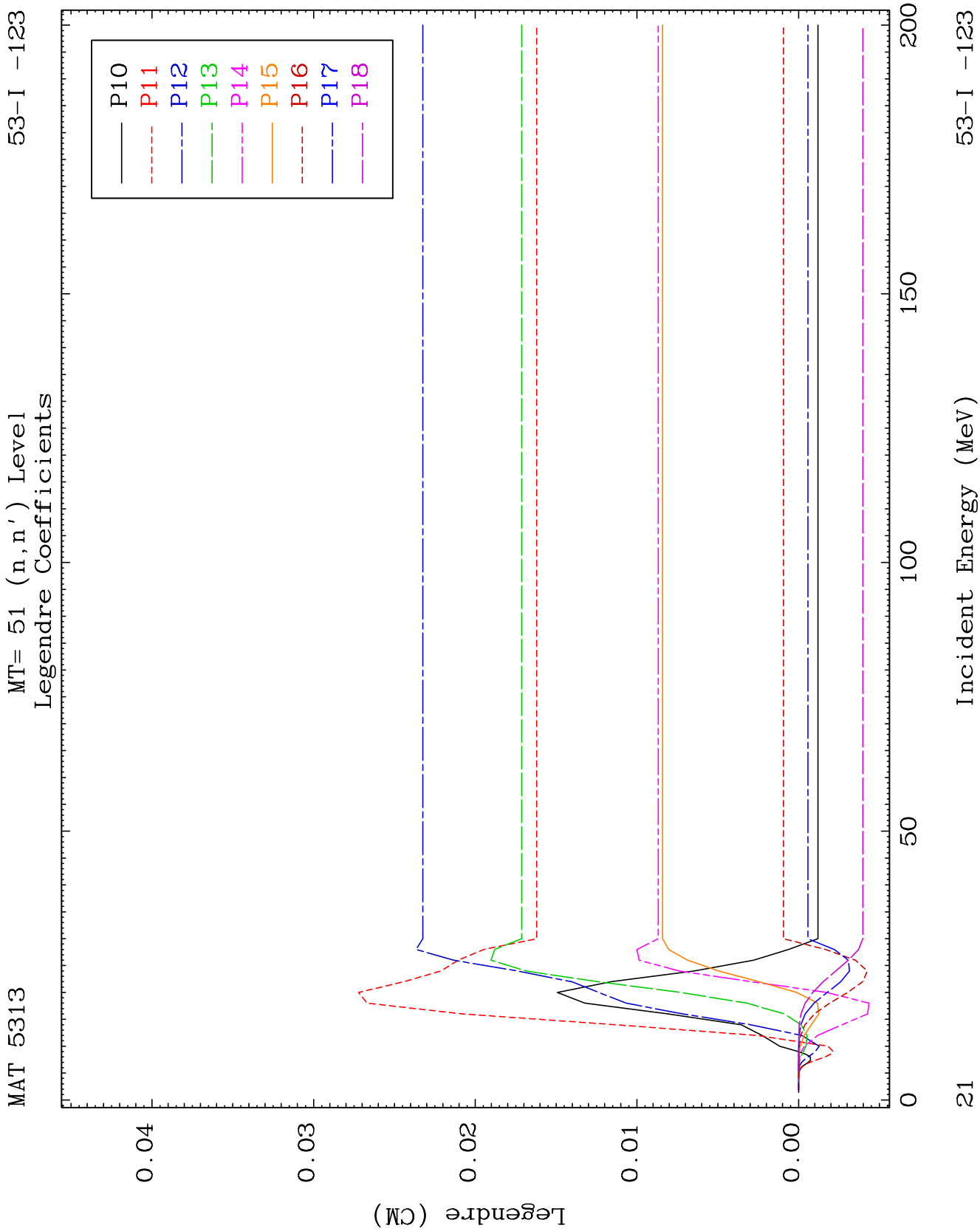


MAT 5313

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

53-I -123

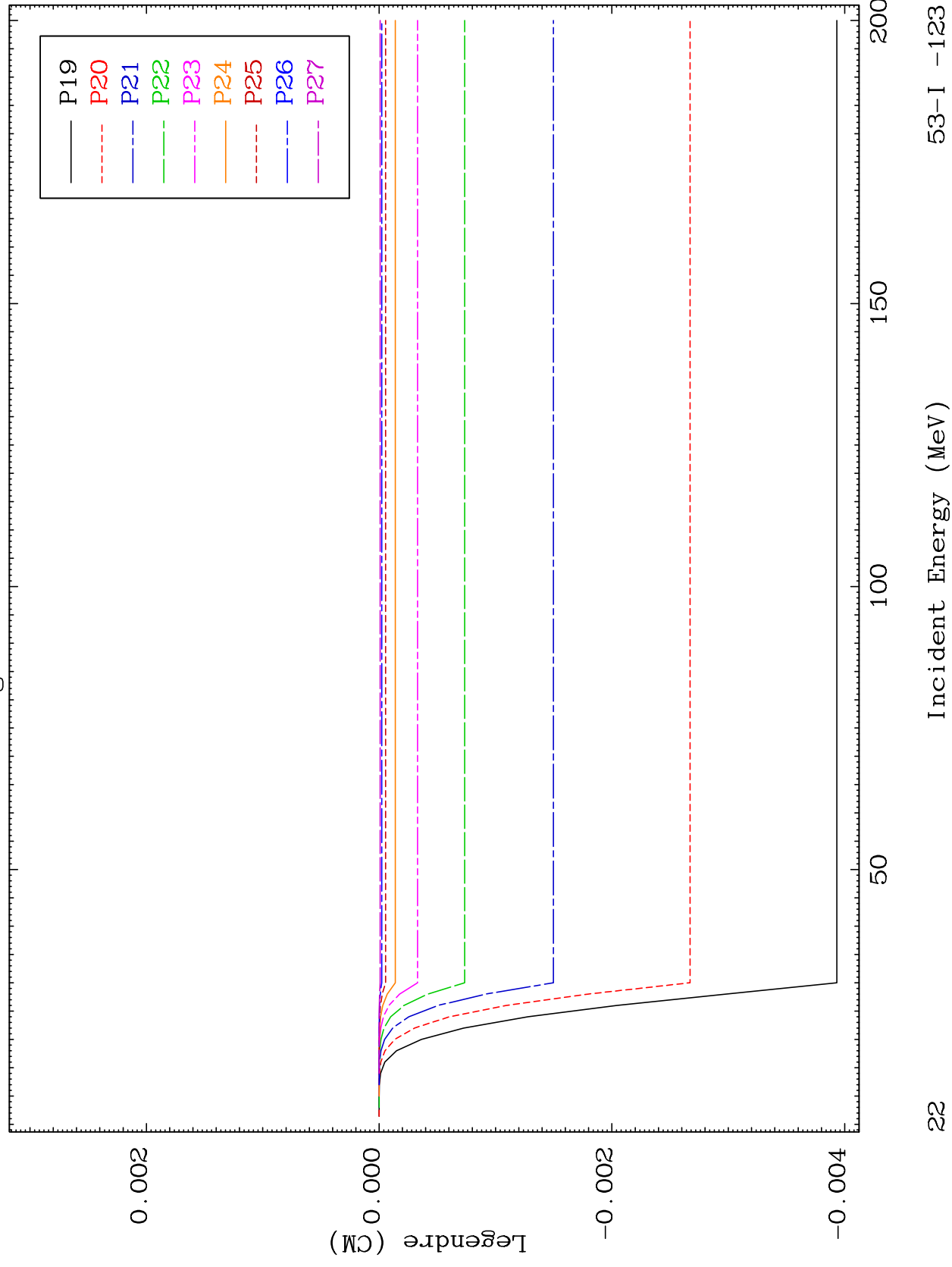


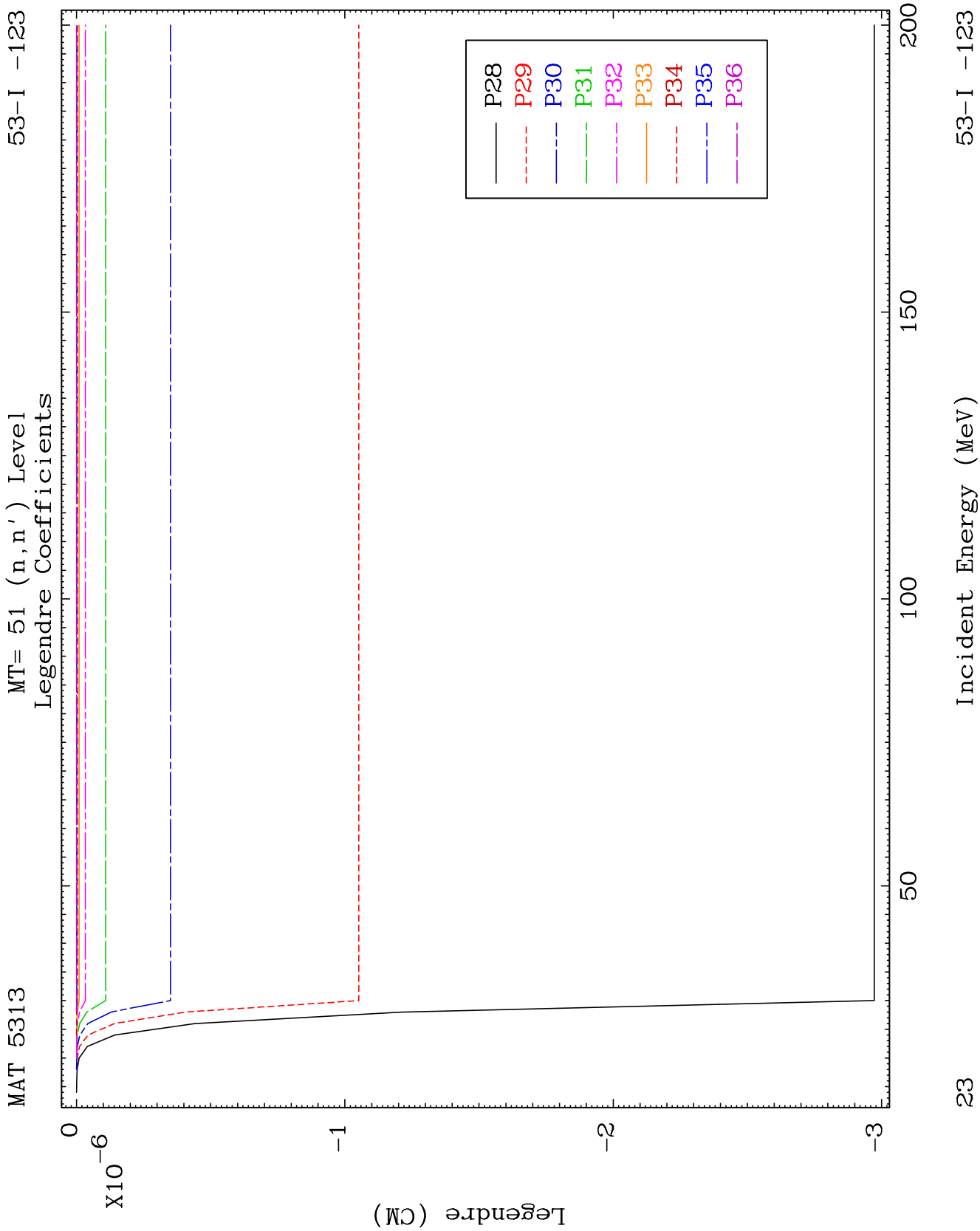


MAT 5313

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

53-I -123

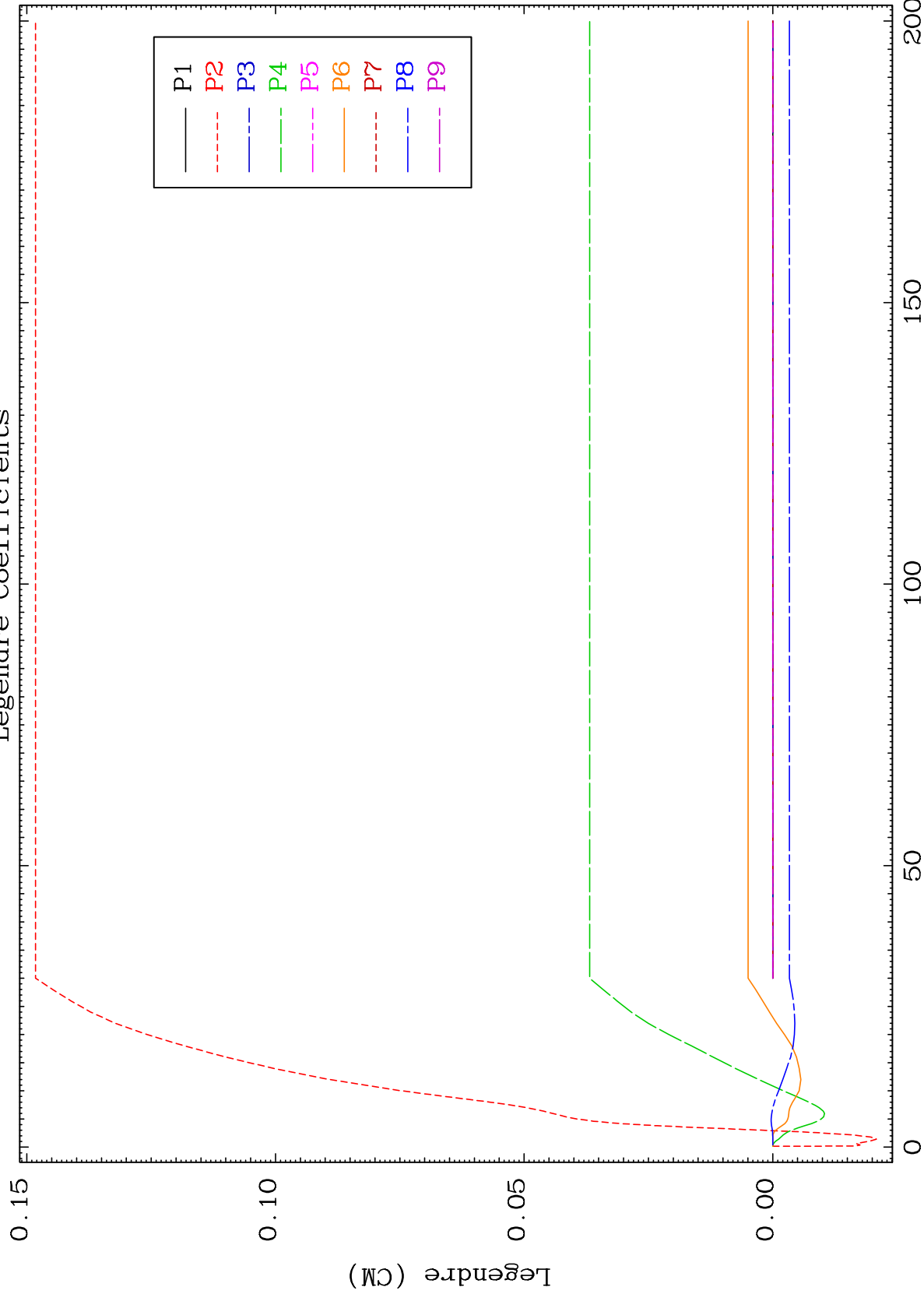




MAT 5313

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

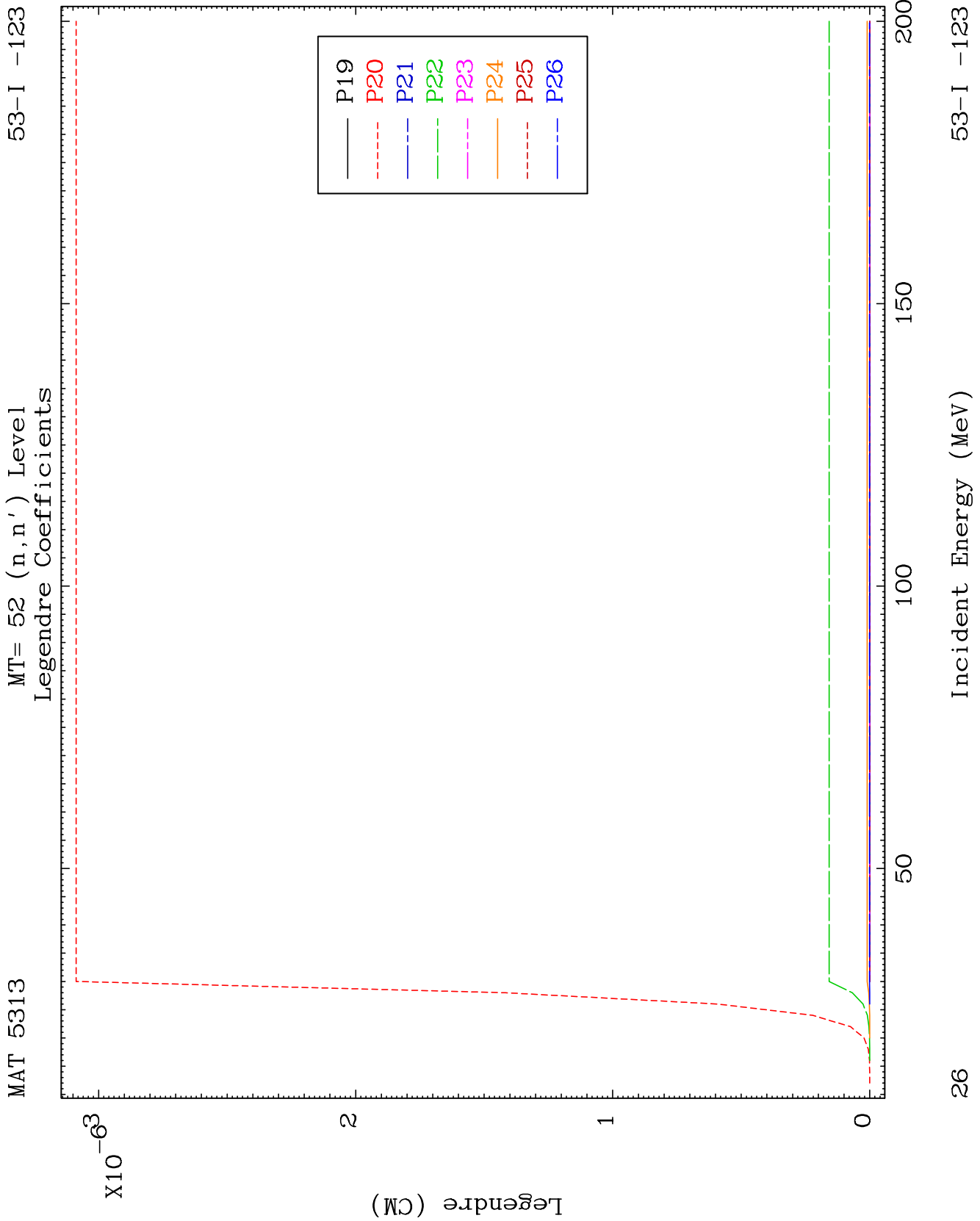
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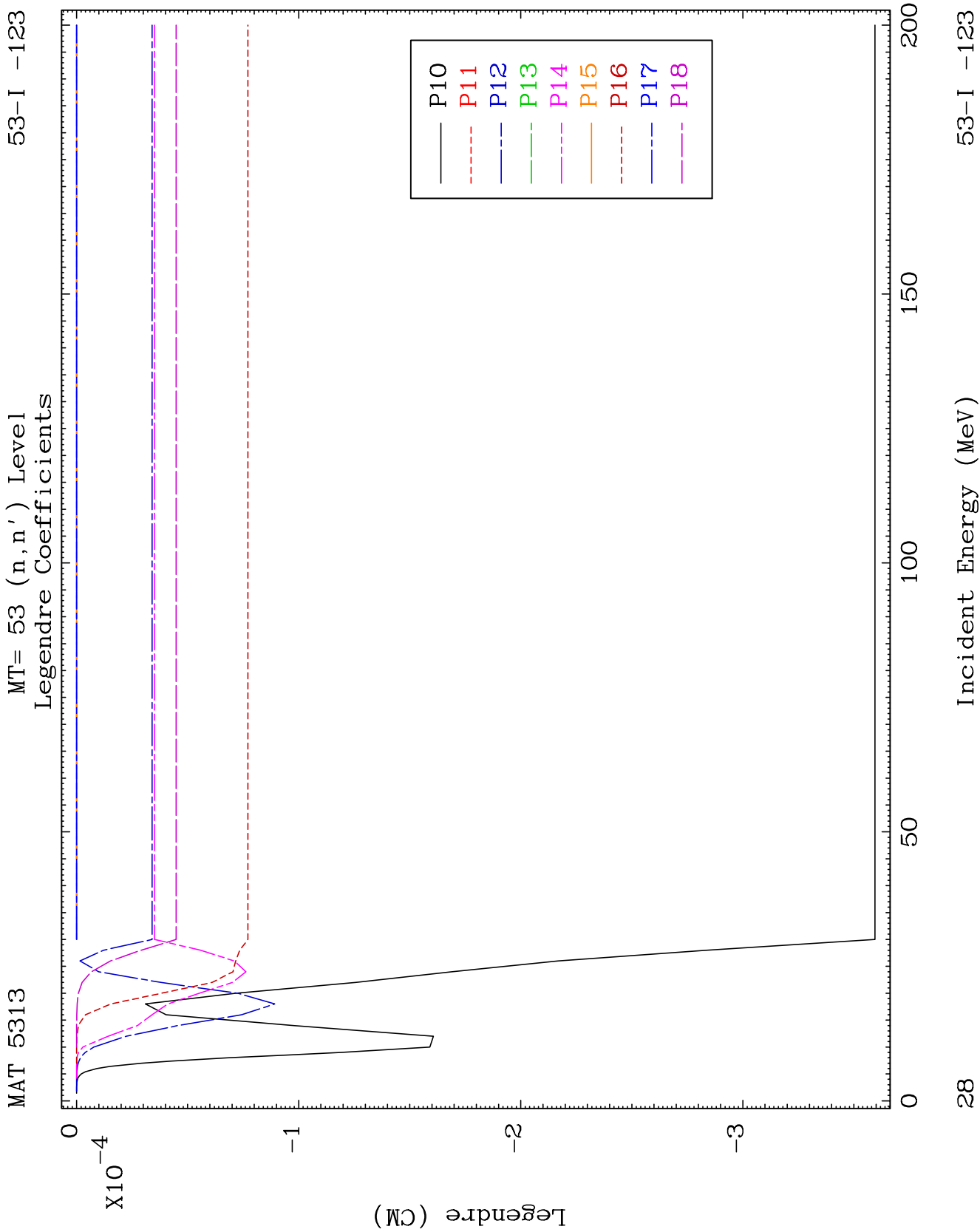


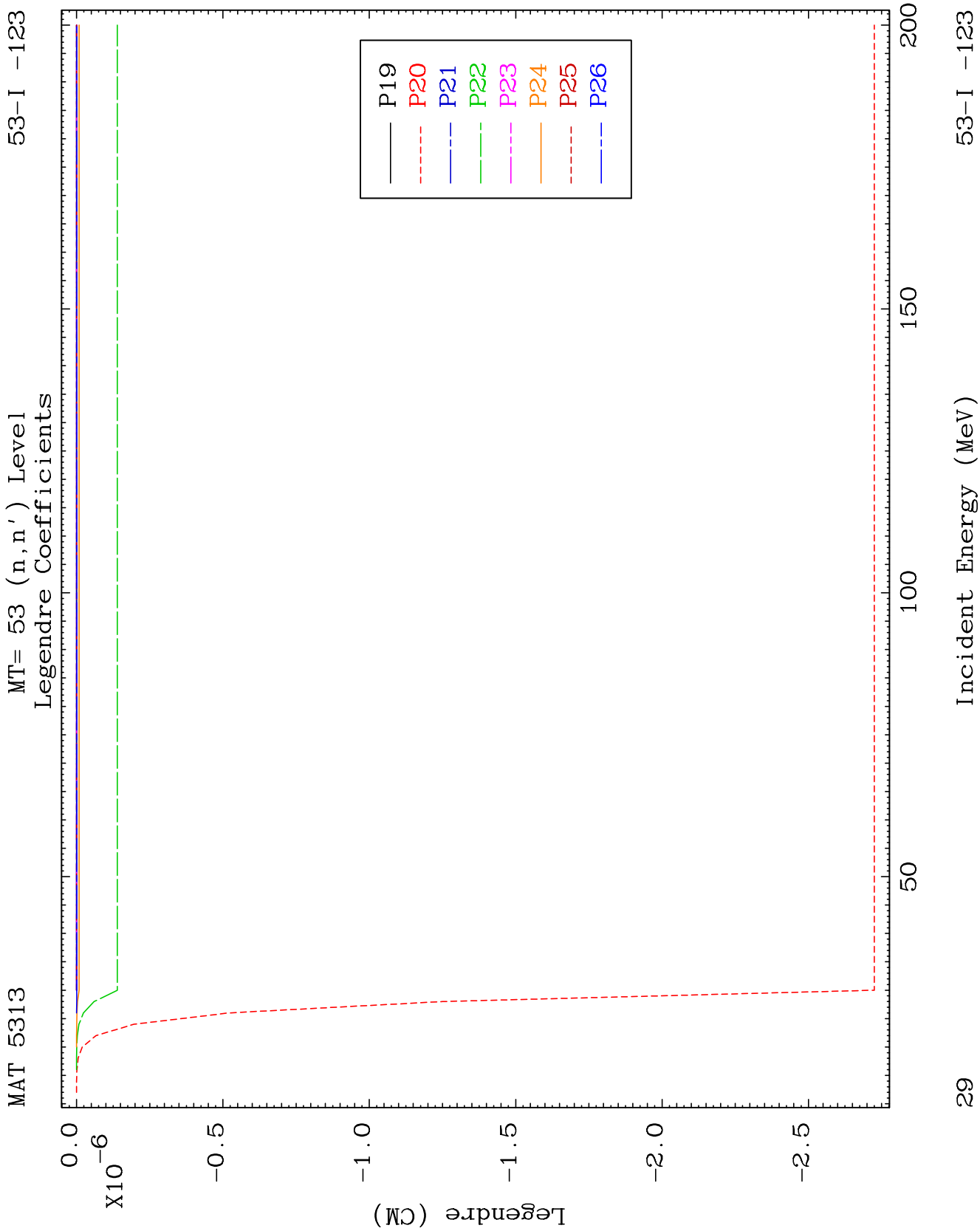
24

Incident Energy (MeV)

53-I -123



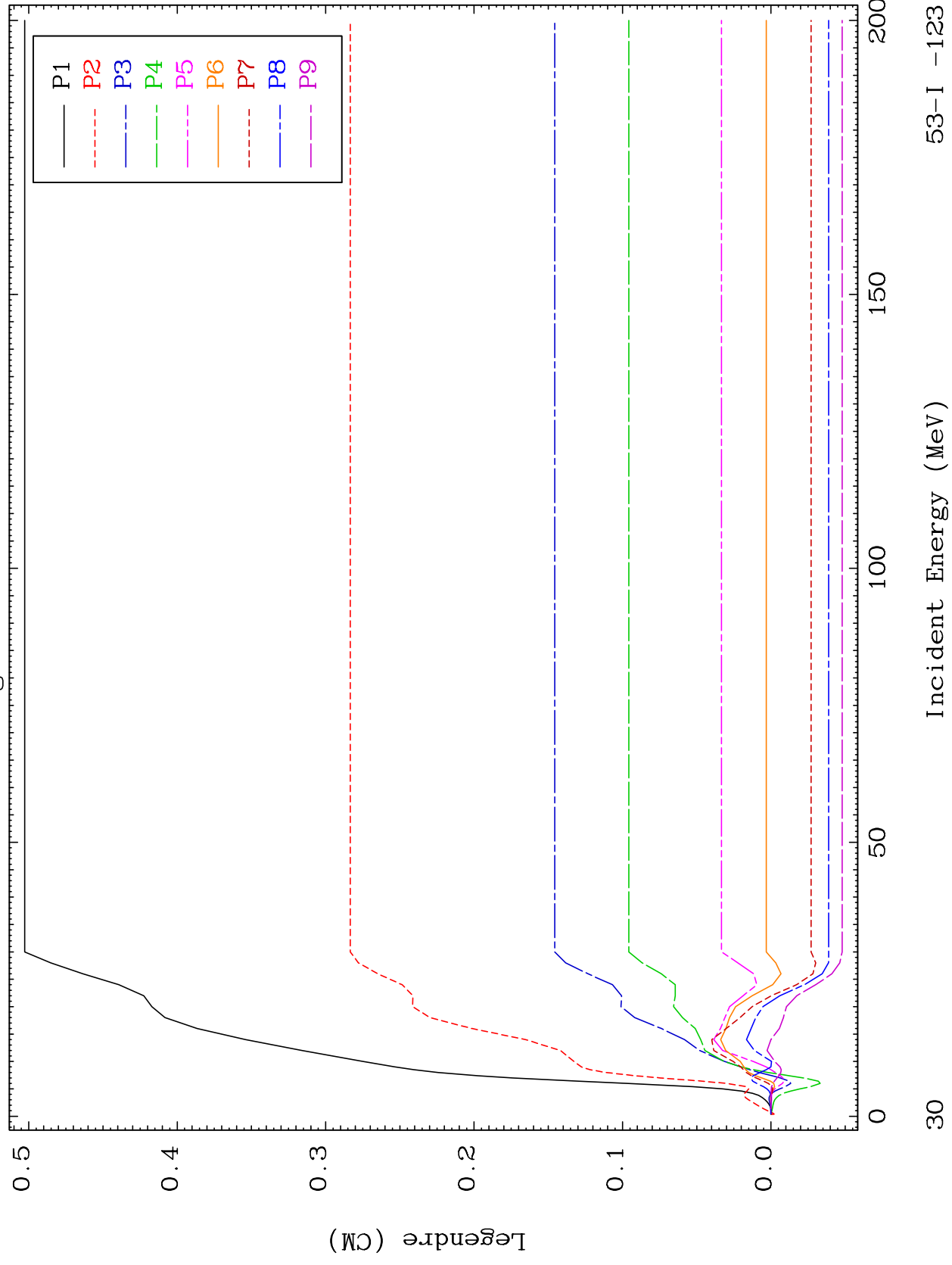


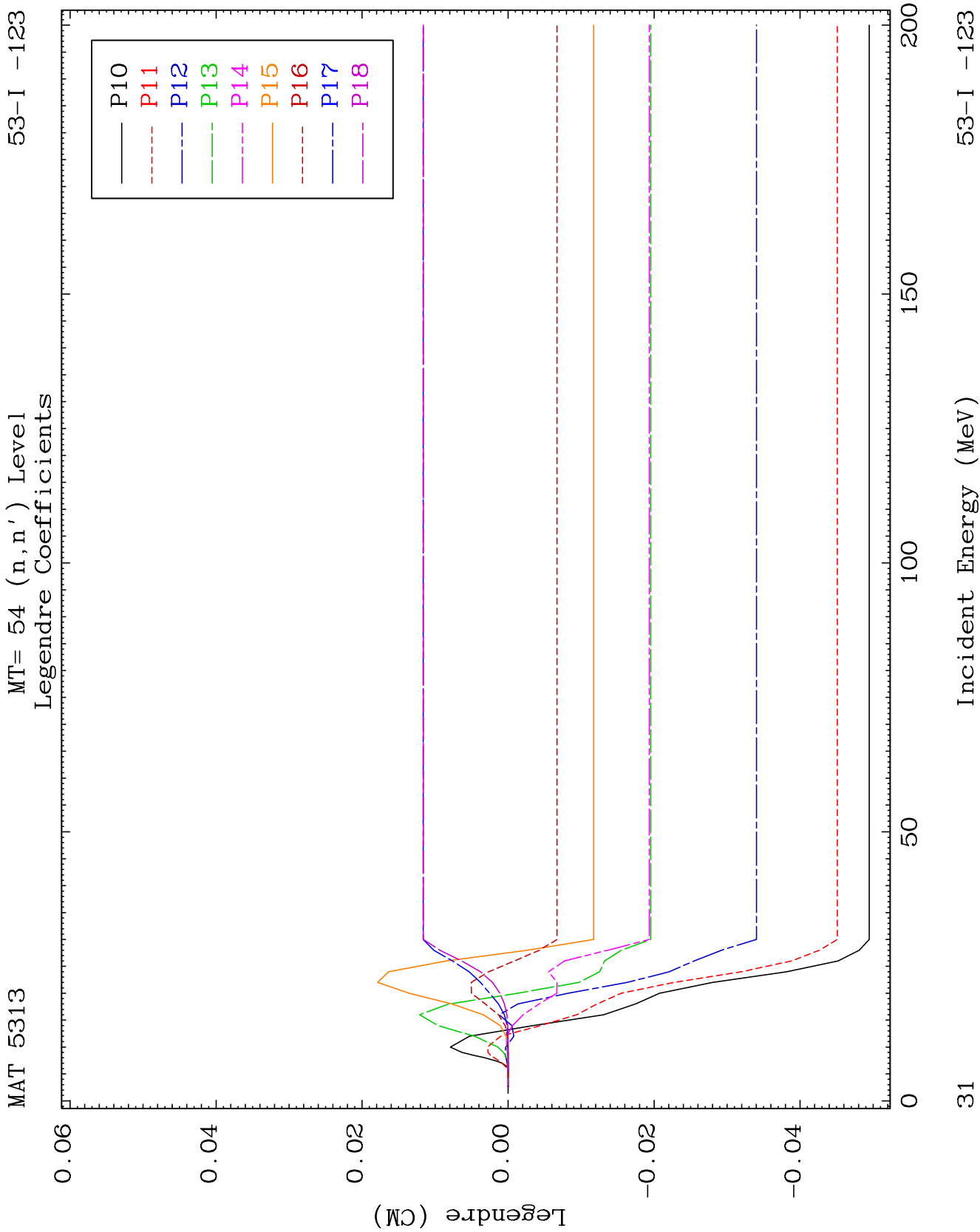


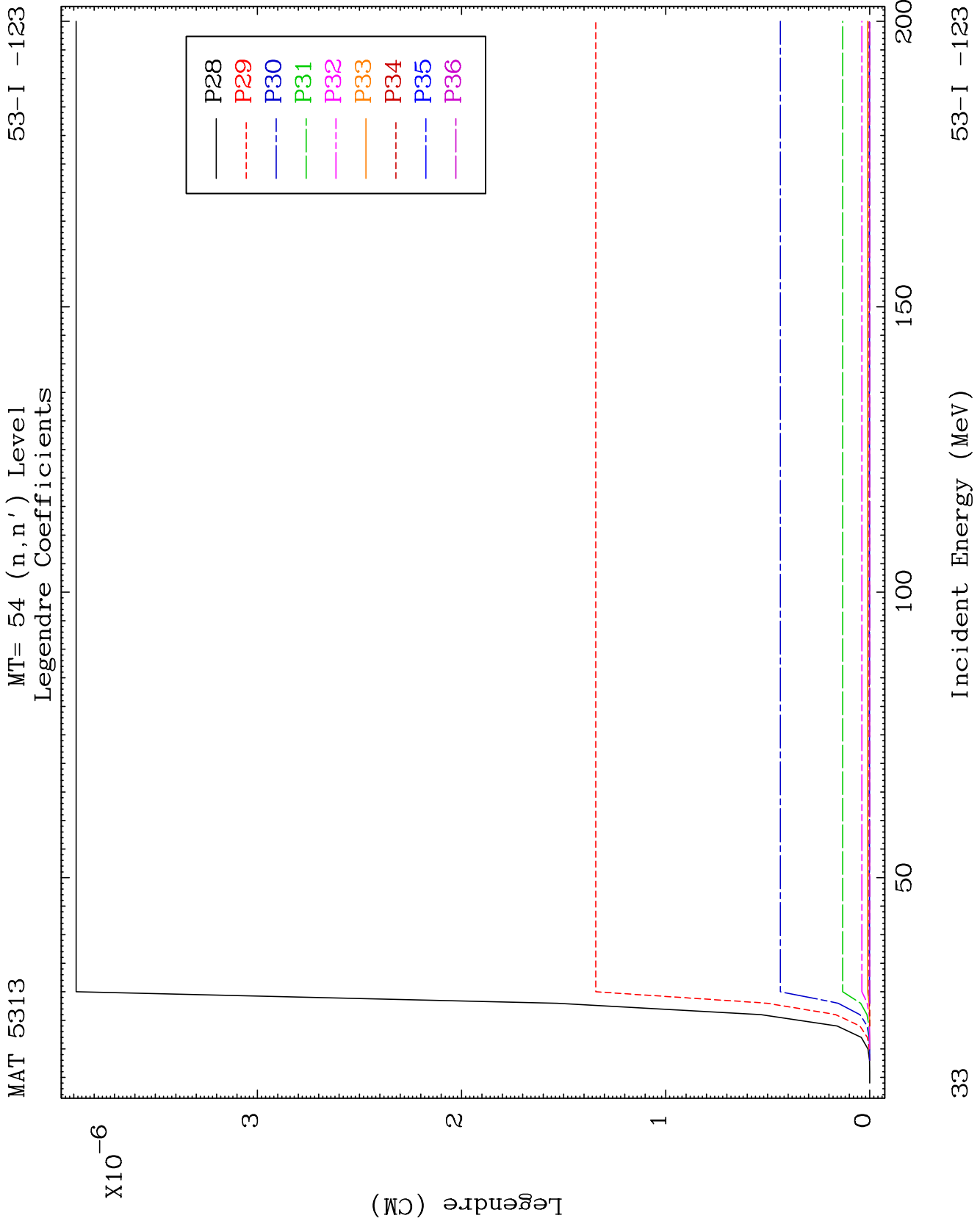
MAT 5313

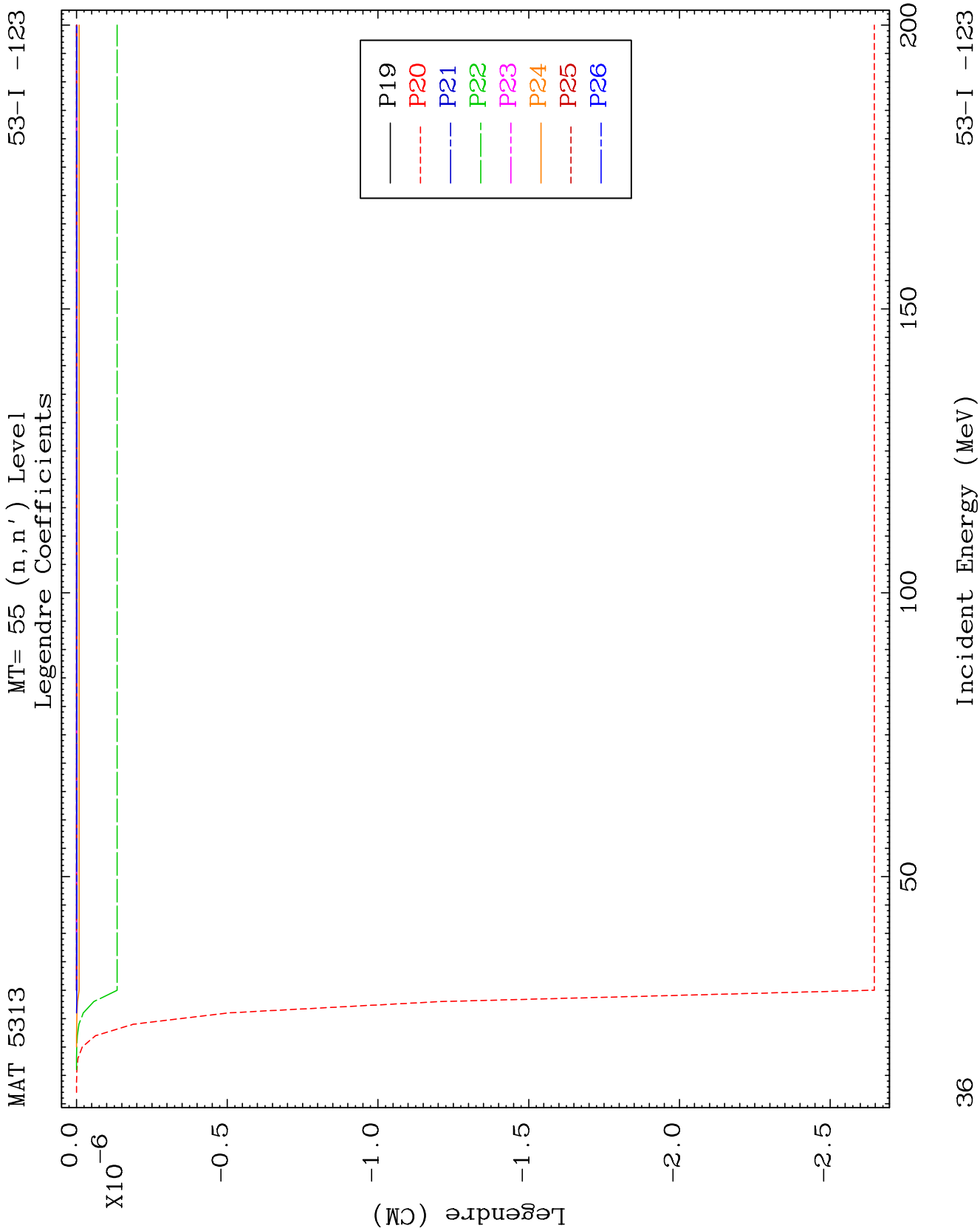
MT= 54 (n, n') Level
Legendre Coefficients

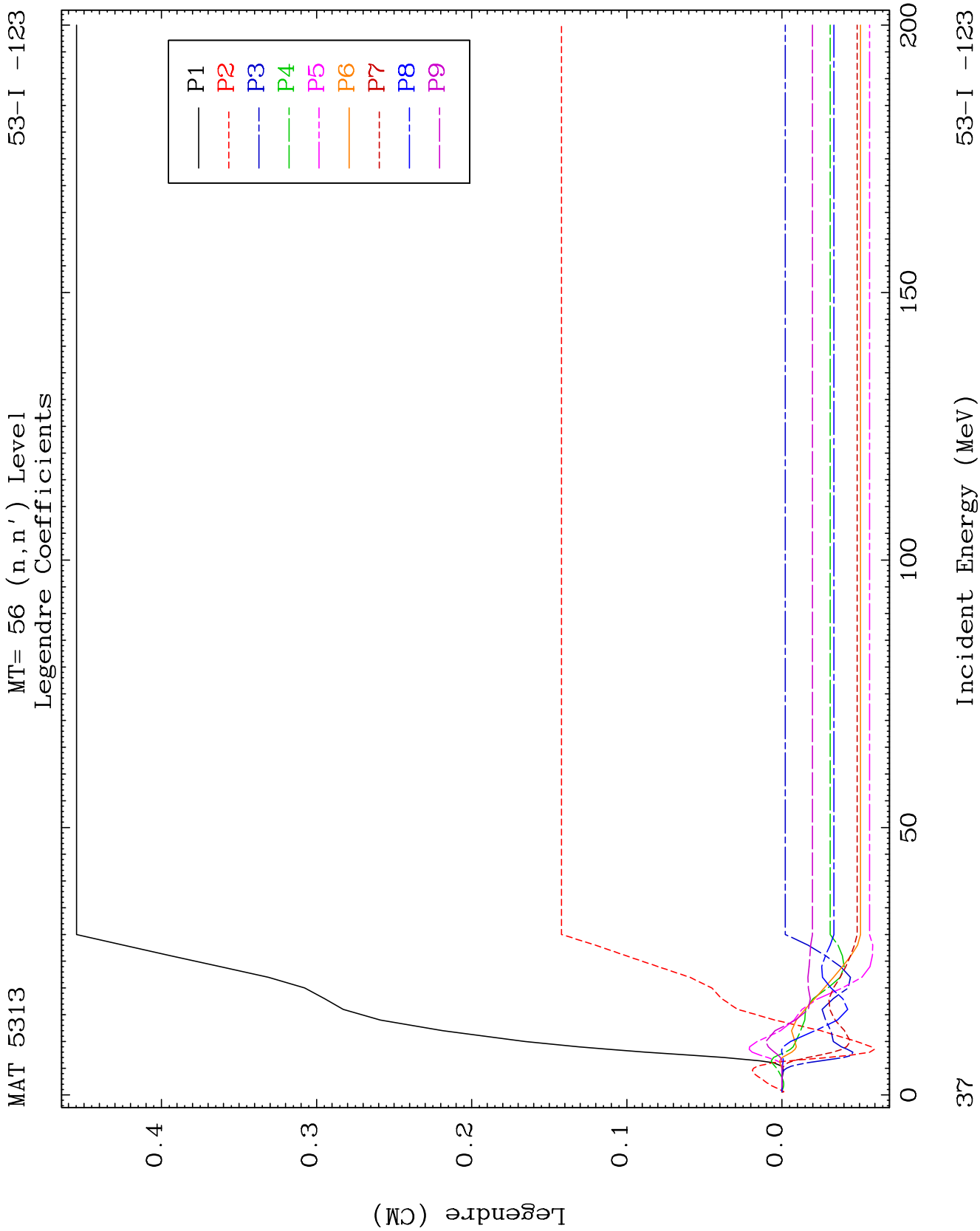
53-I -123







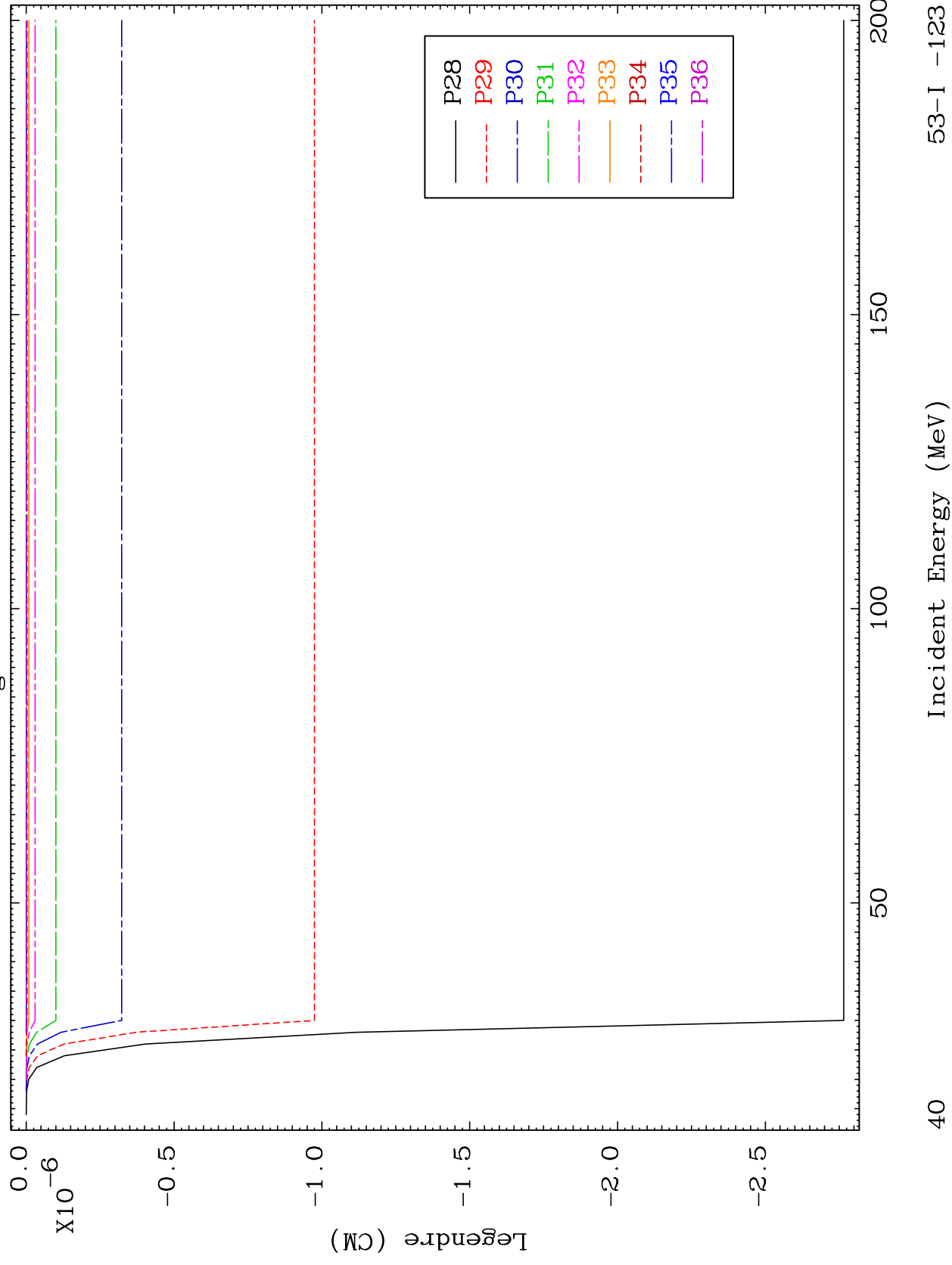




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MT= 56 (n, n') Level
Legendre Coefficients

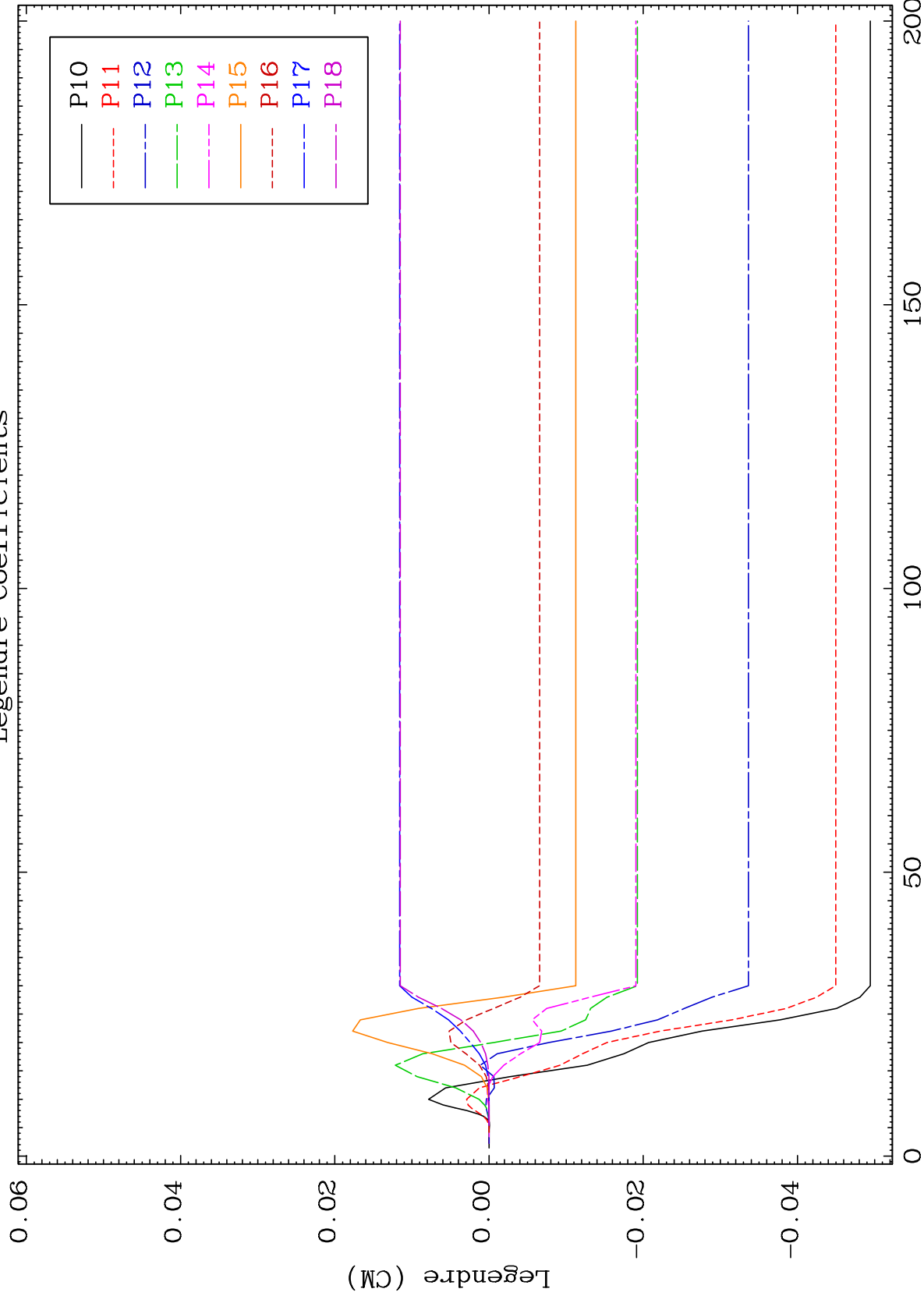
53-I -123



MAT 5313

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

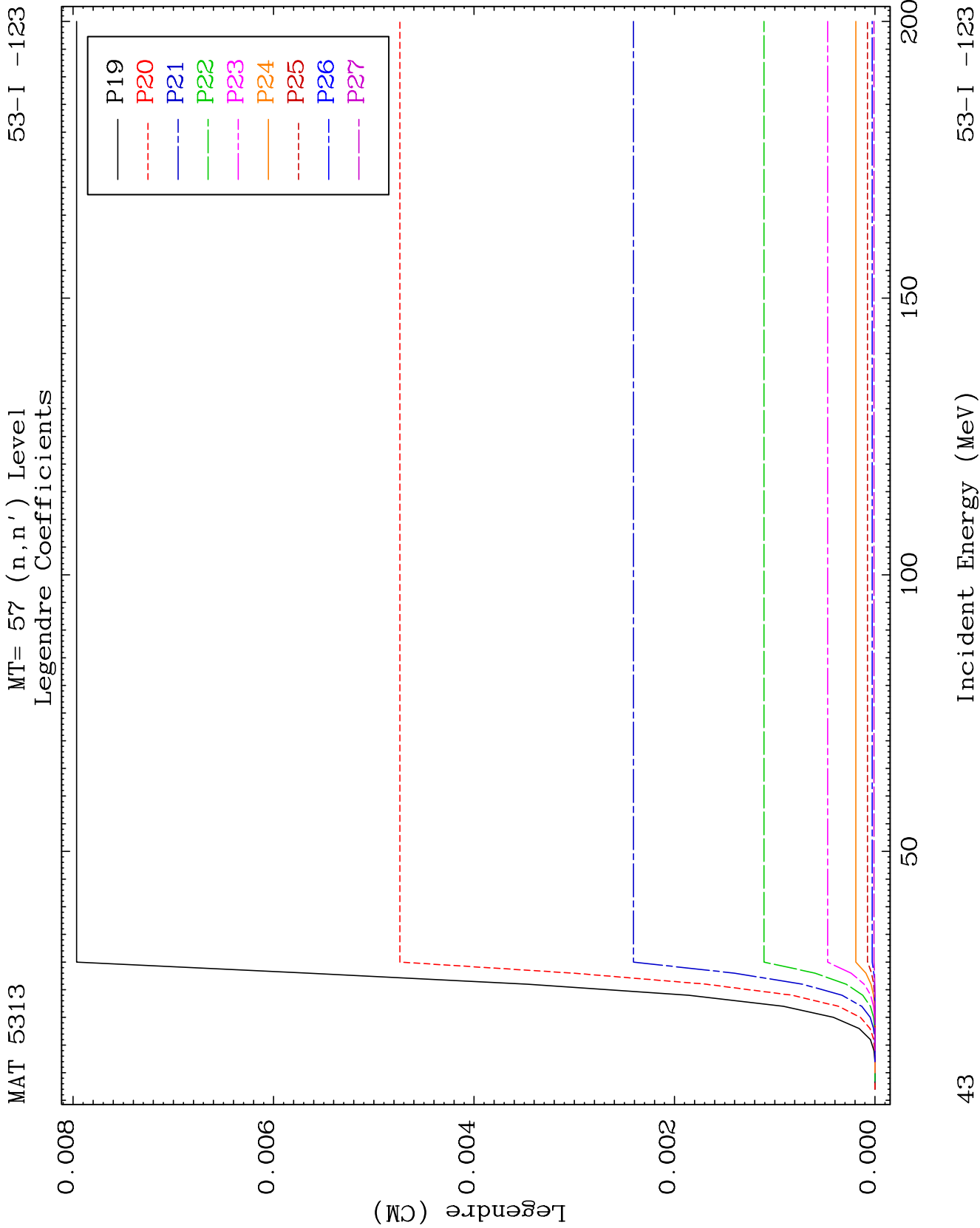
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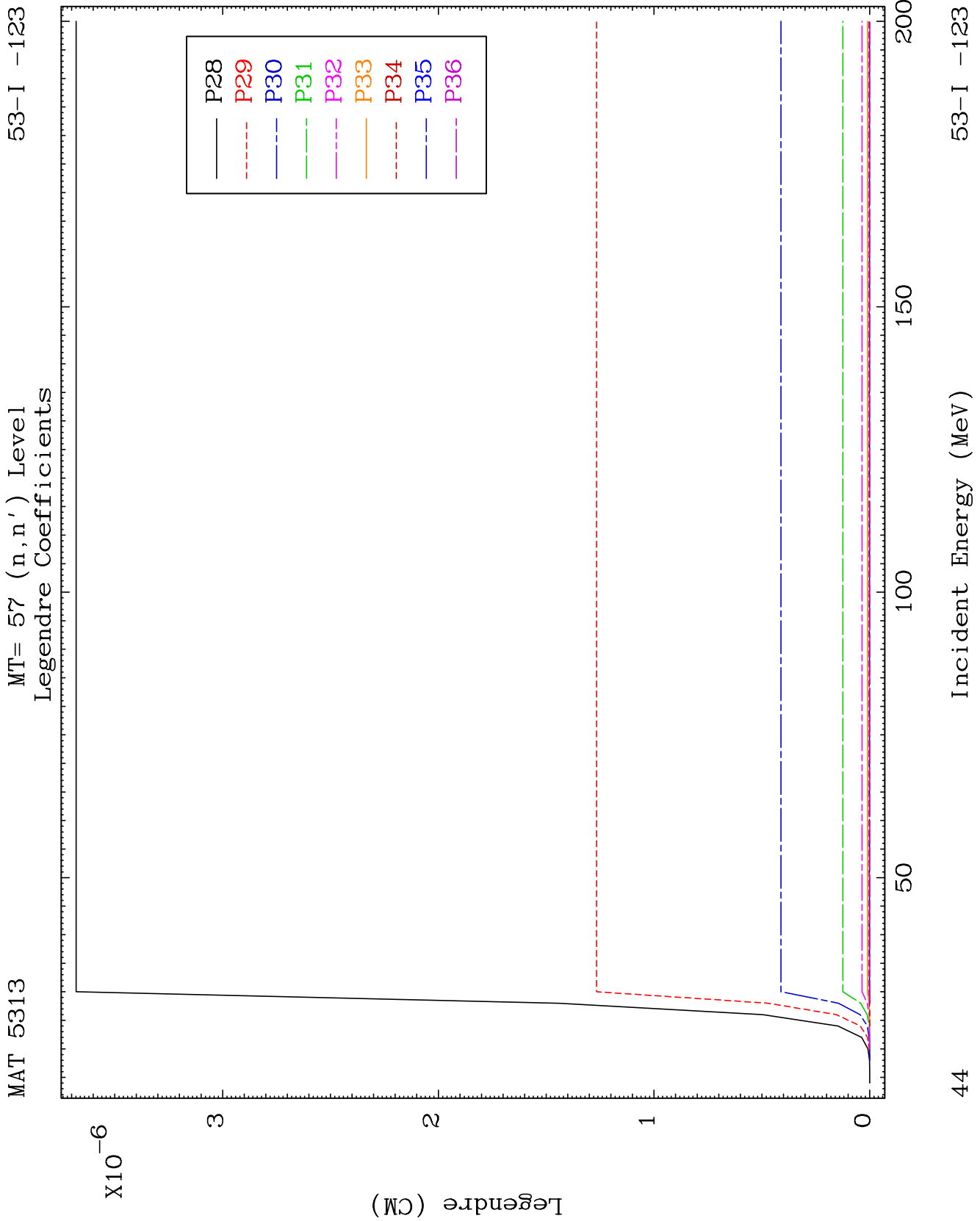


42

Incident Energy (MeV)

53-I -123

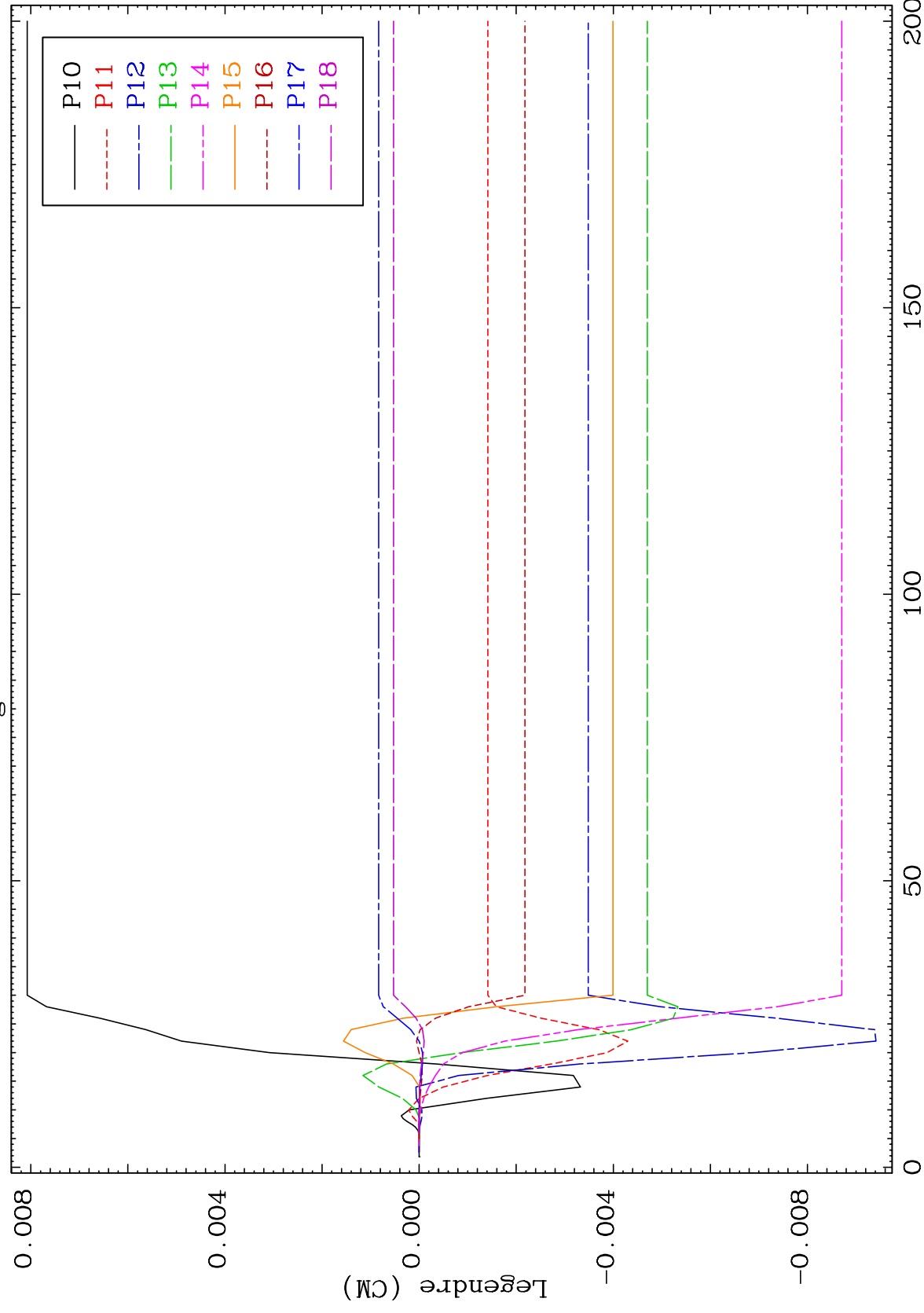




MAT 5313

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

53-I -123



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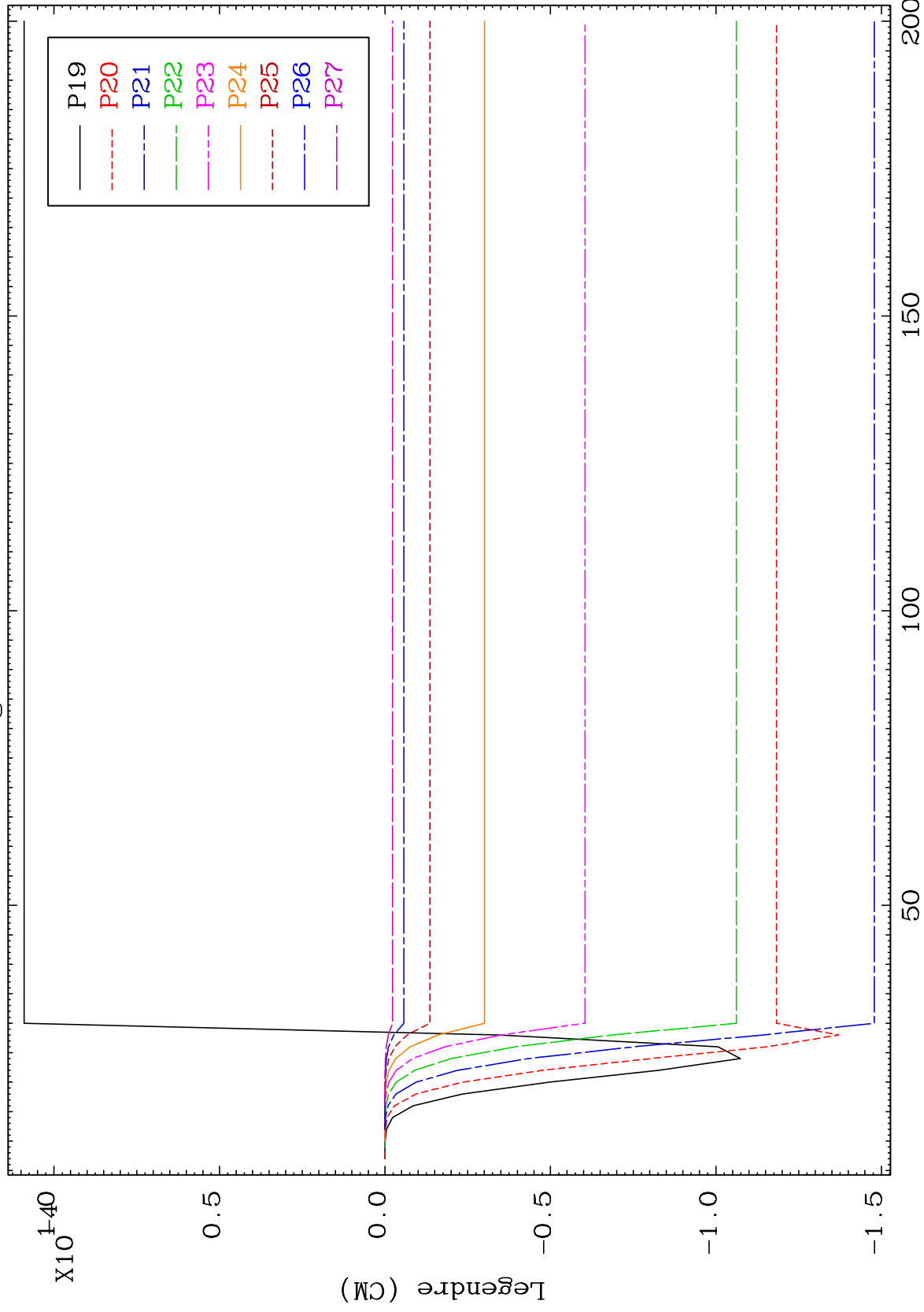
Incident Energy (MeV)

53-I -123

MAT 5313

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

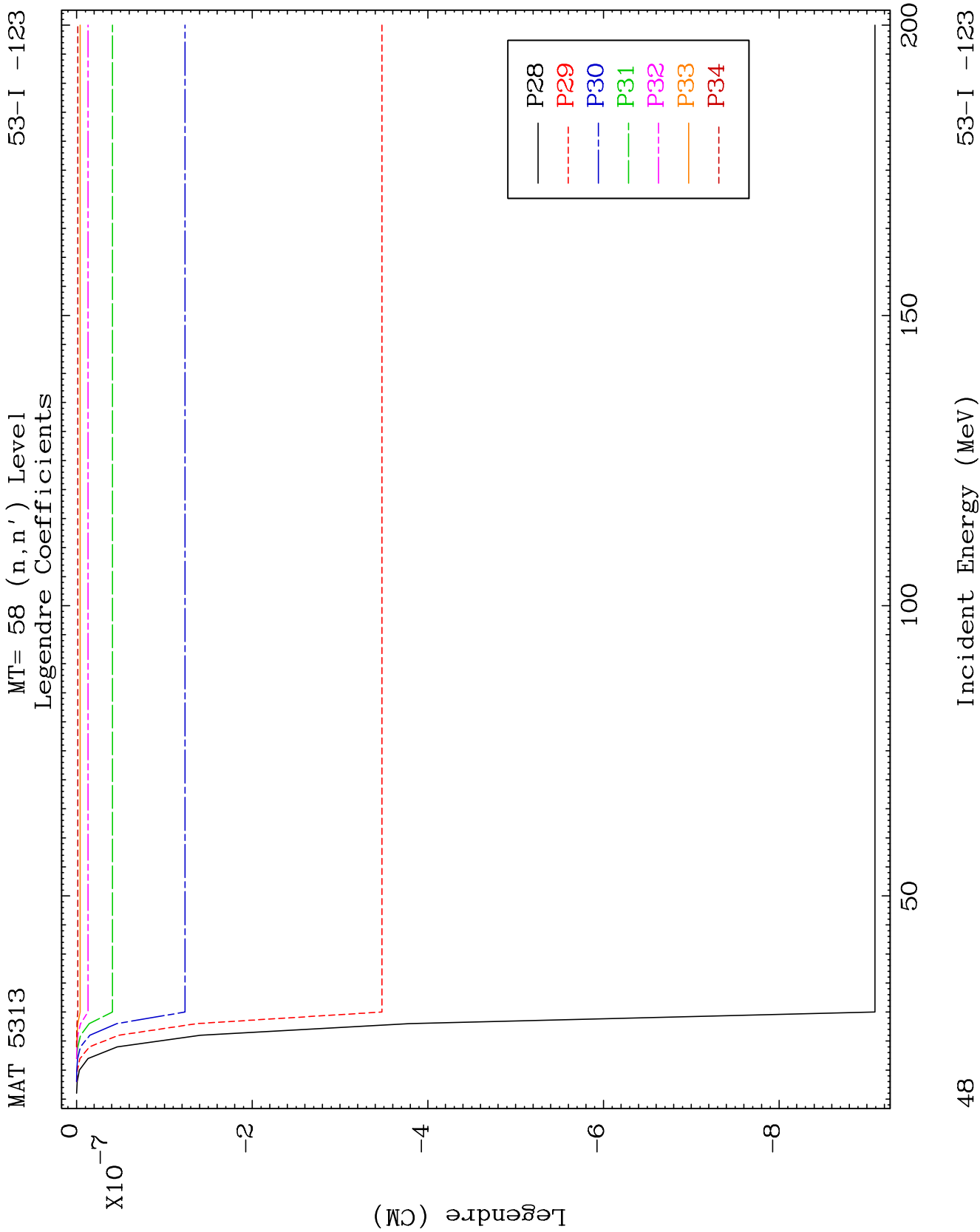
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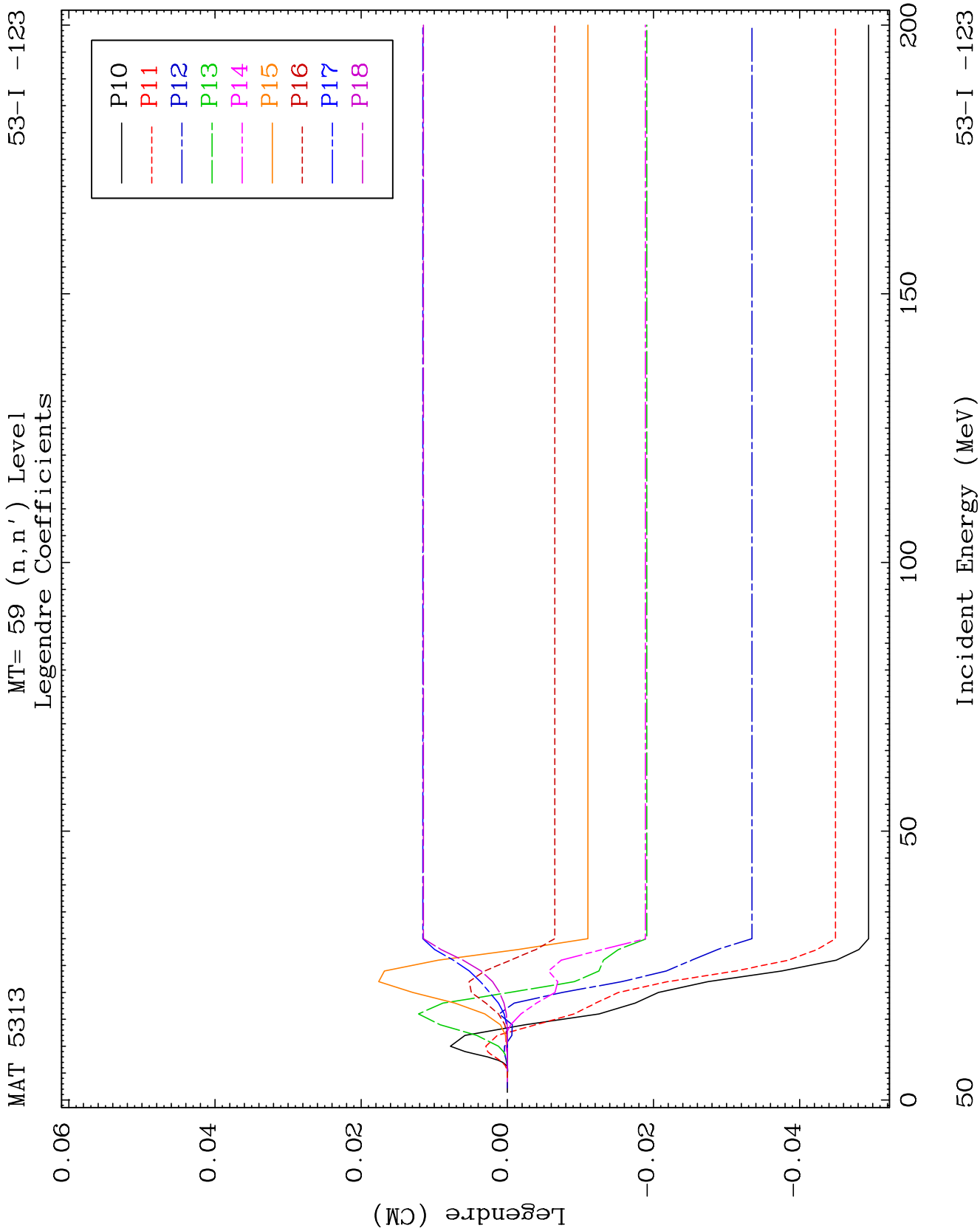


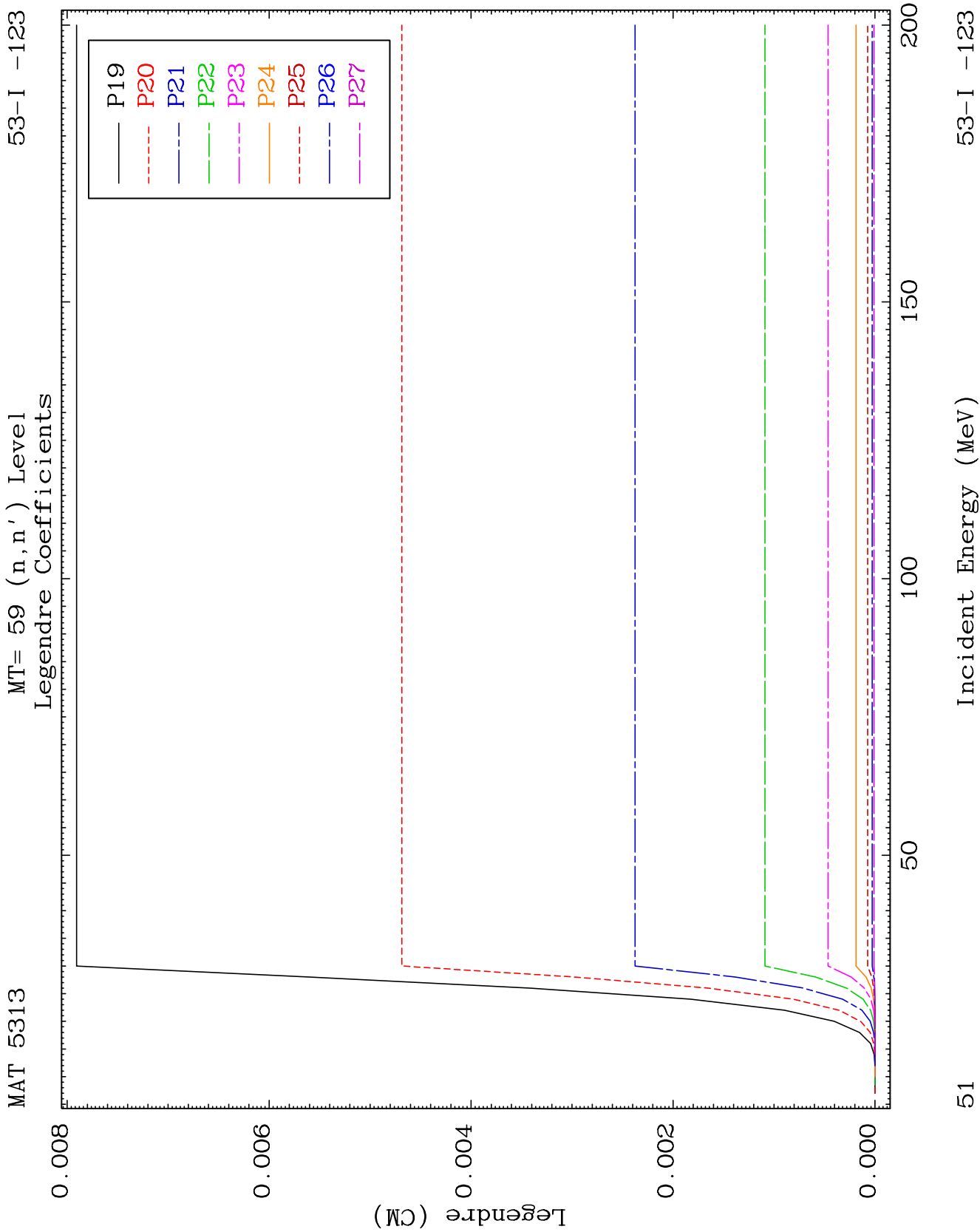
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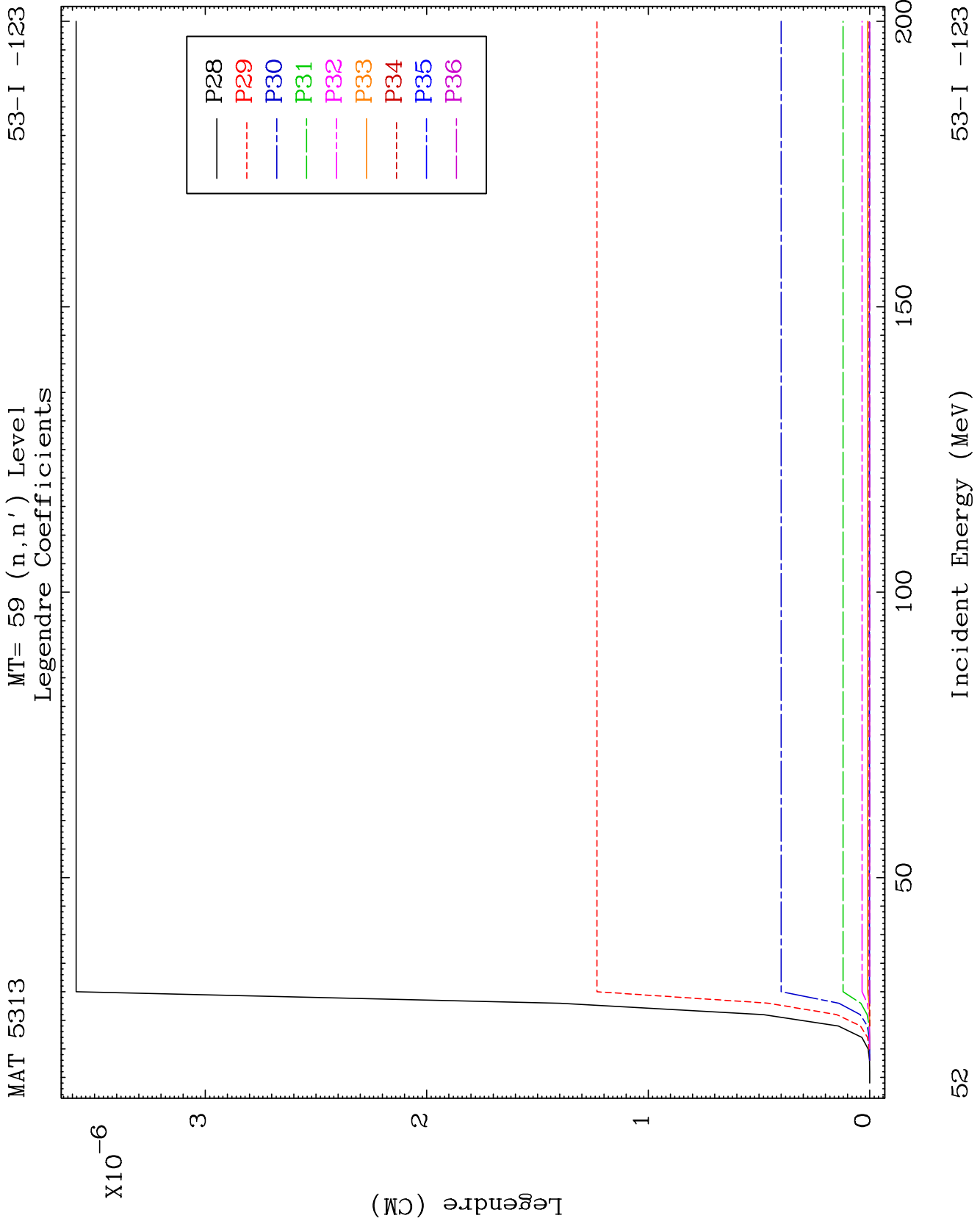
Incident Energy (MeV)

53-I -123





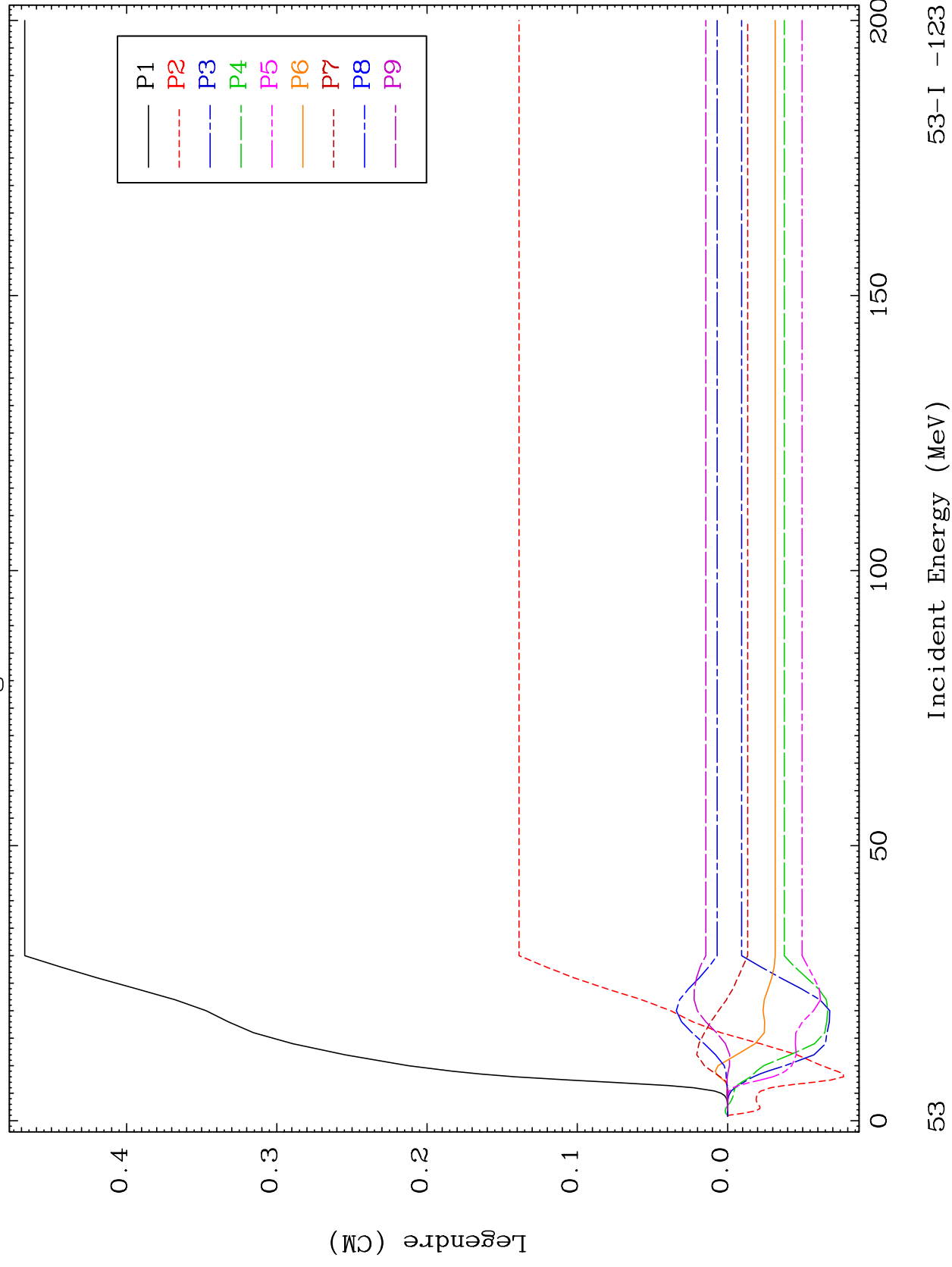


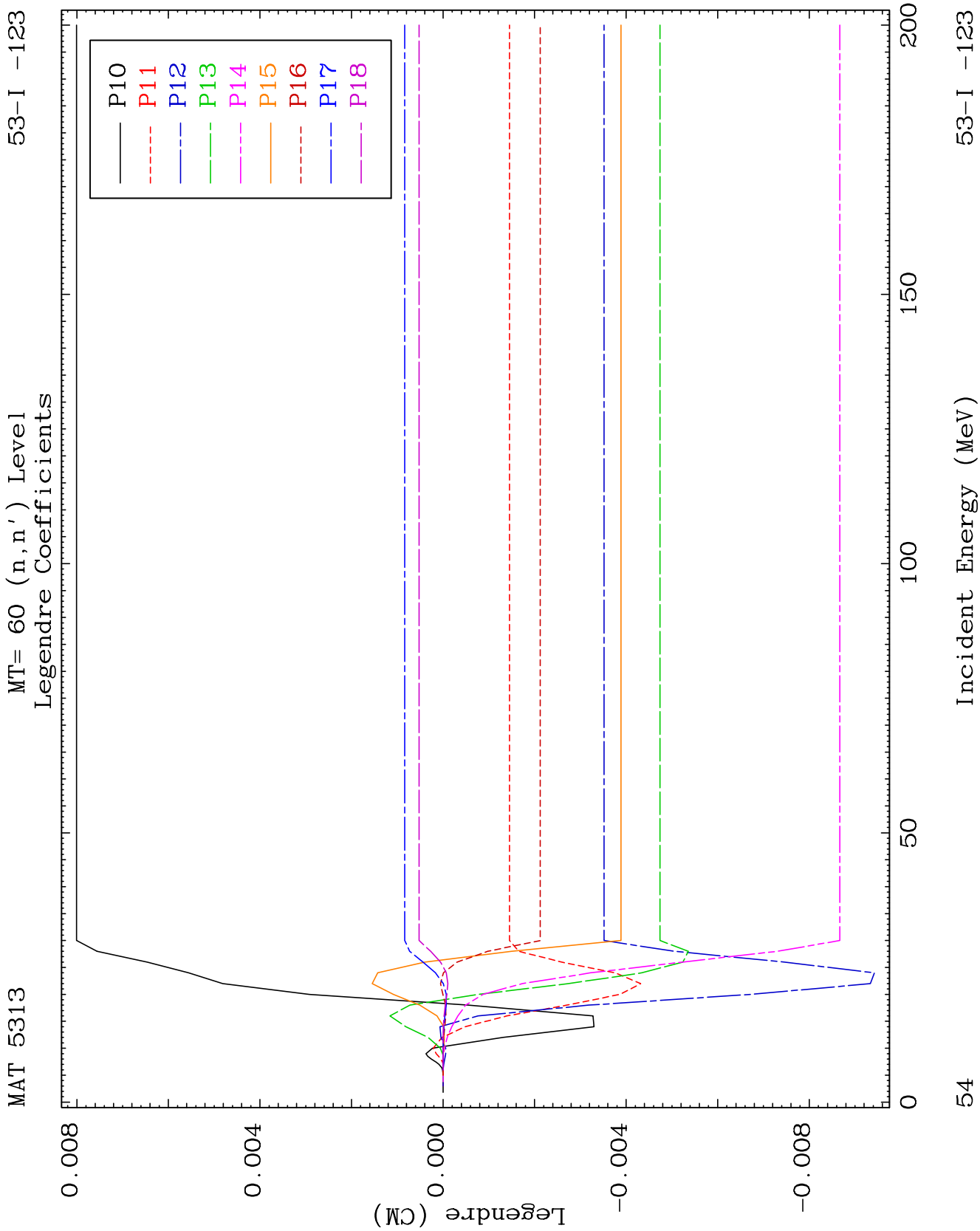


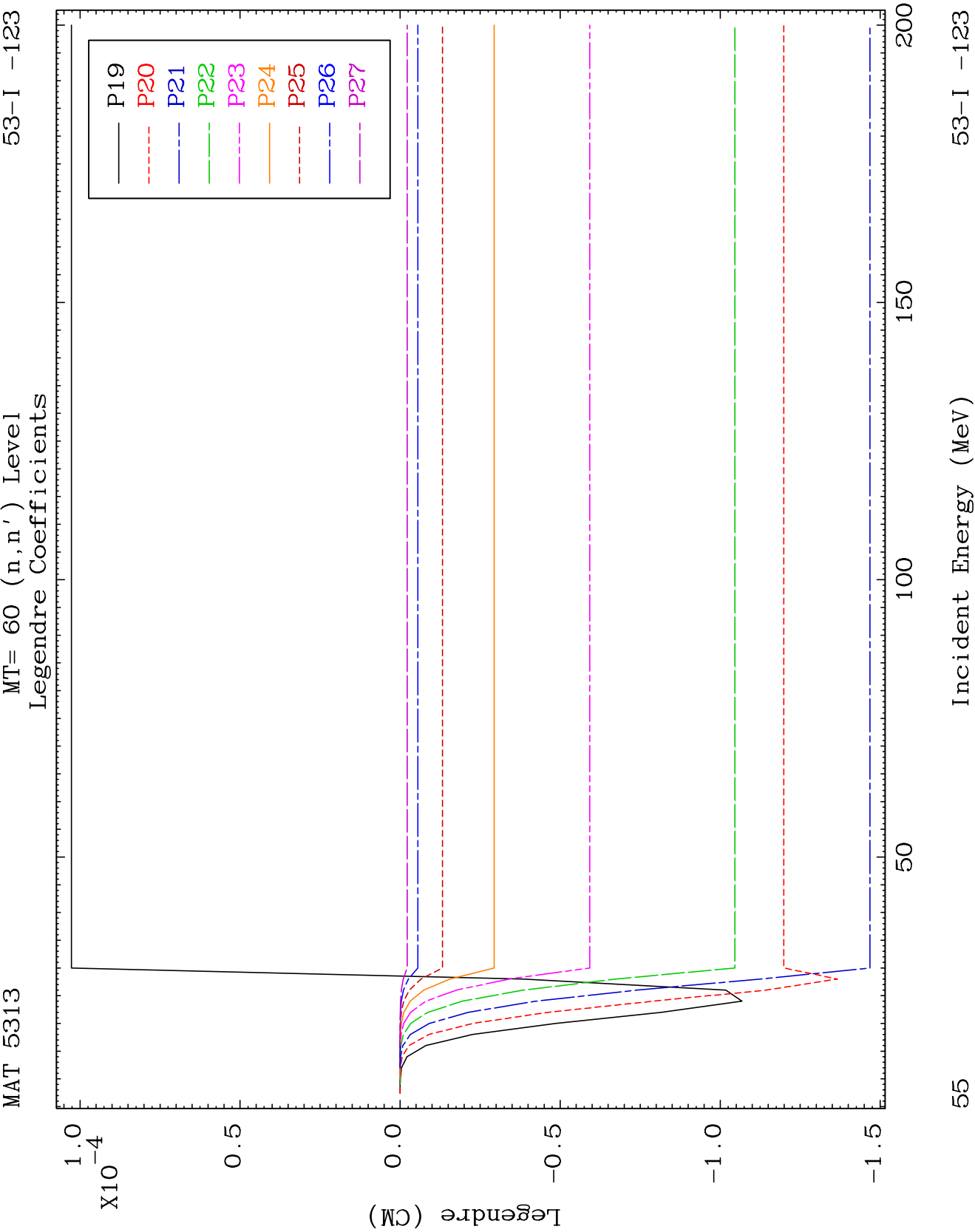
MAT 5313

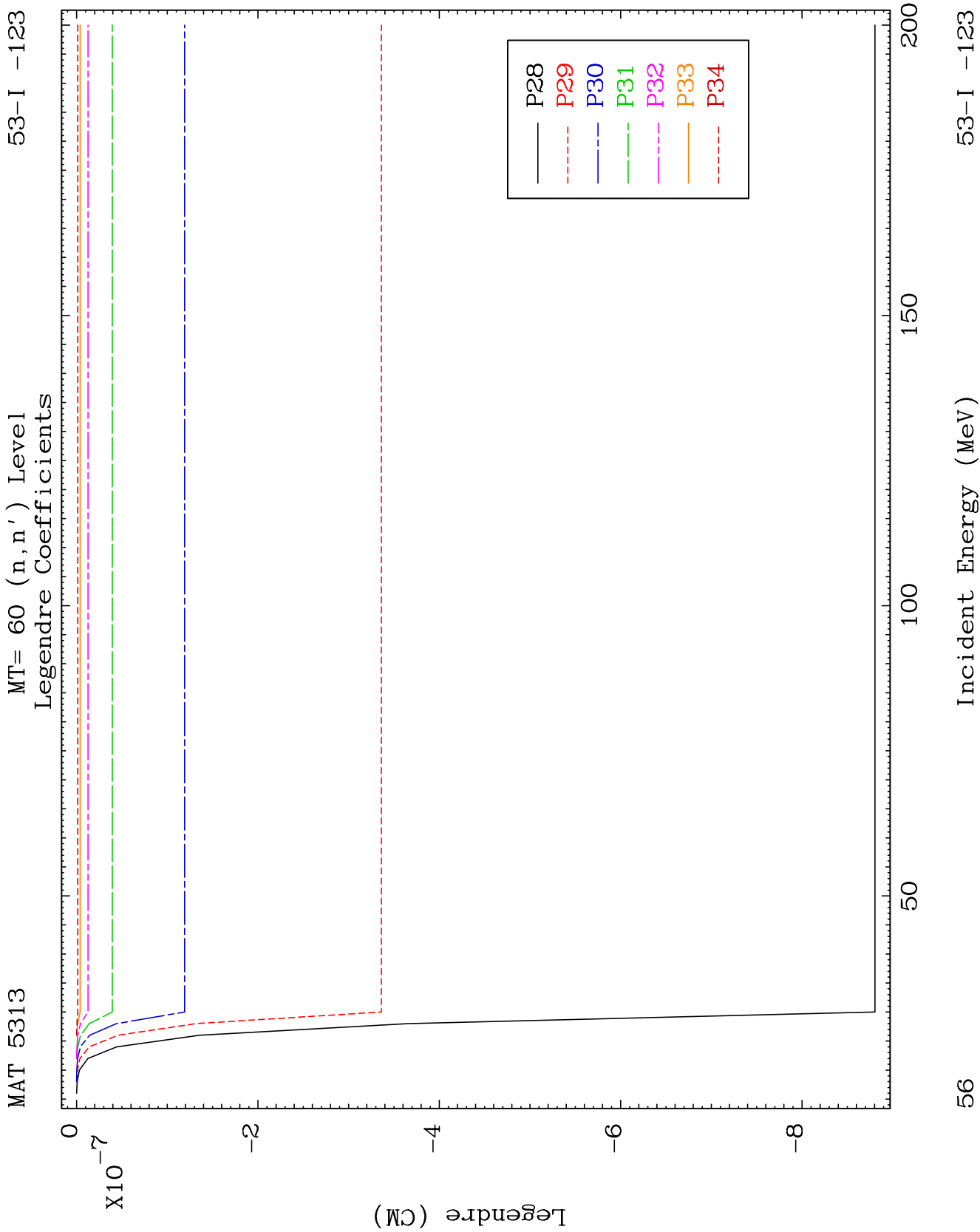
MT= 60 (n, n') Level
Legendre Coefficients

53-I -123





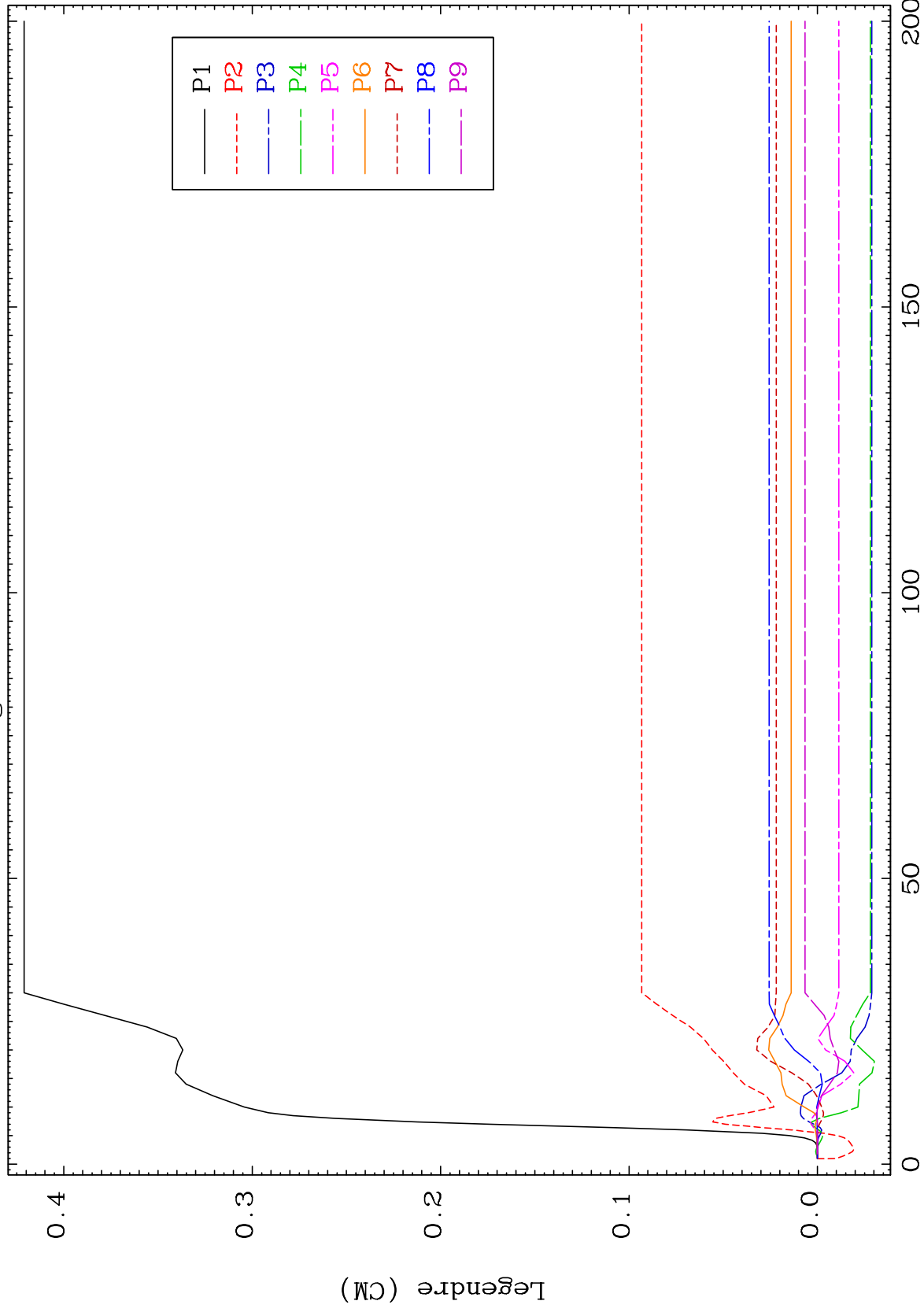




MAT 5313

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

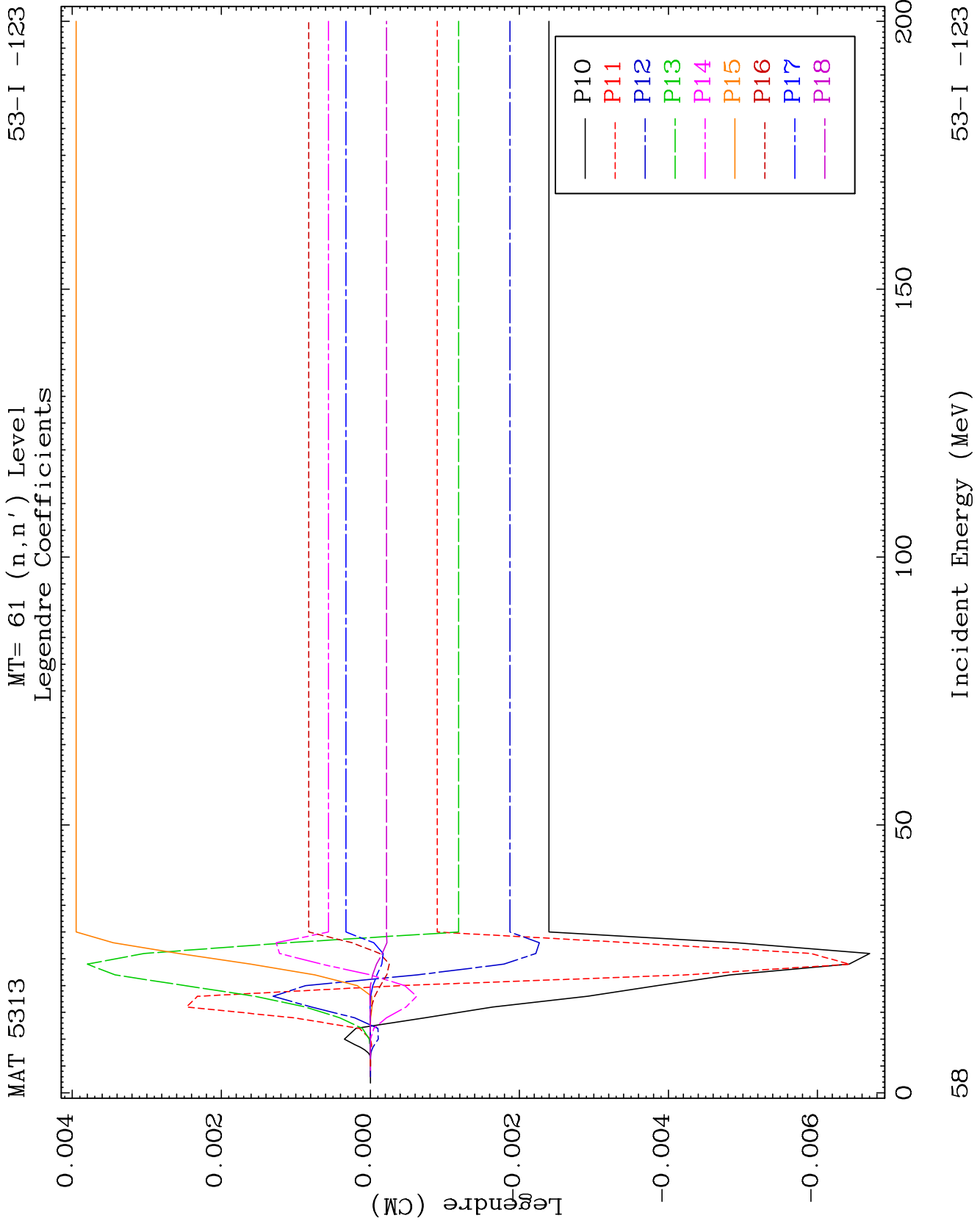
53-I -123

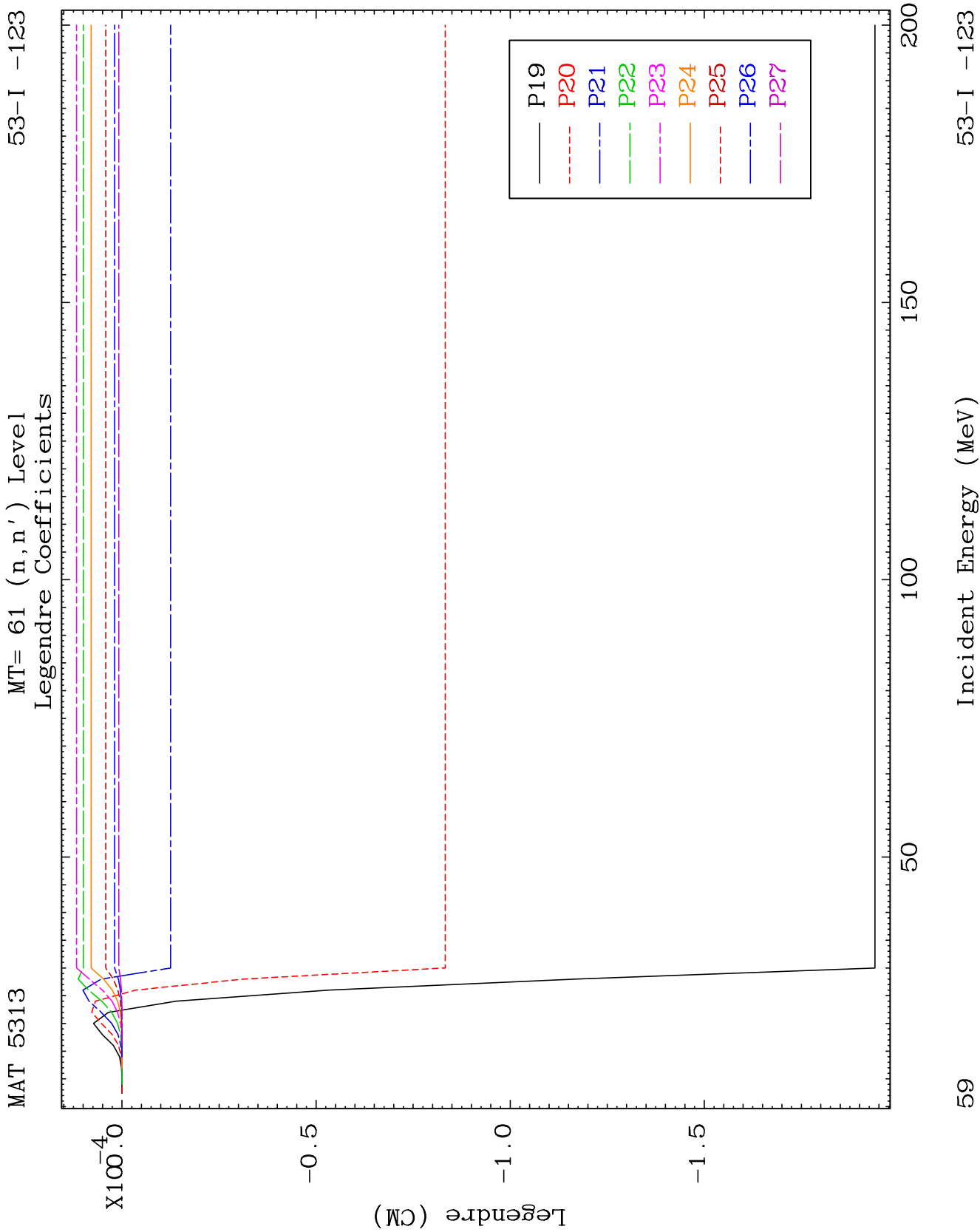


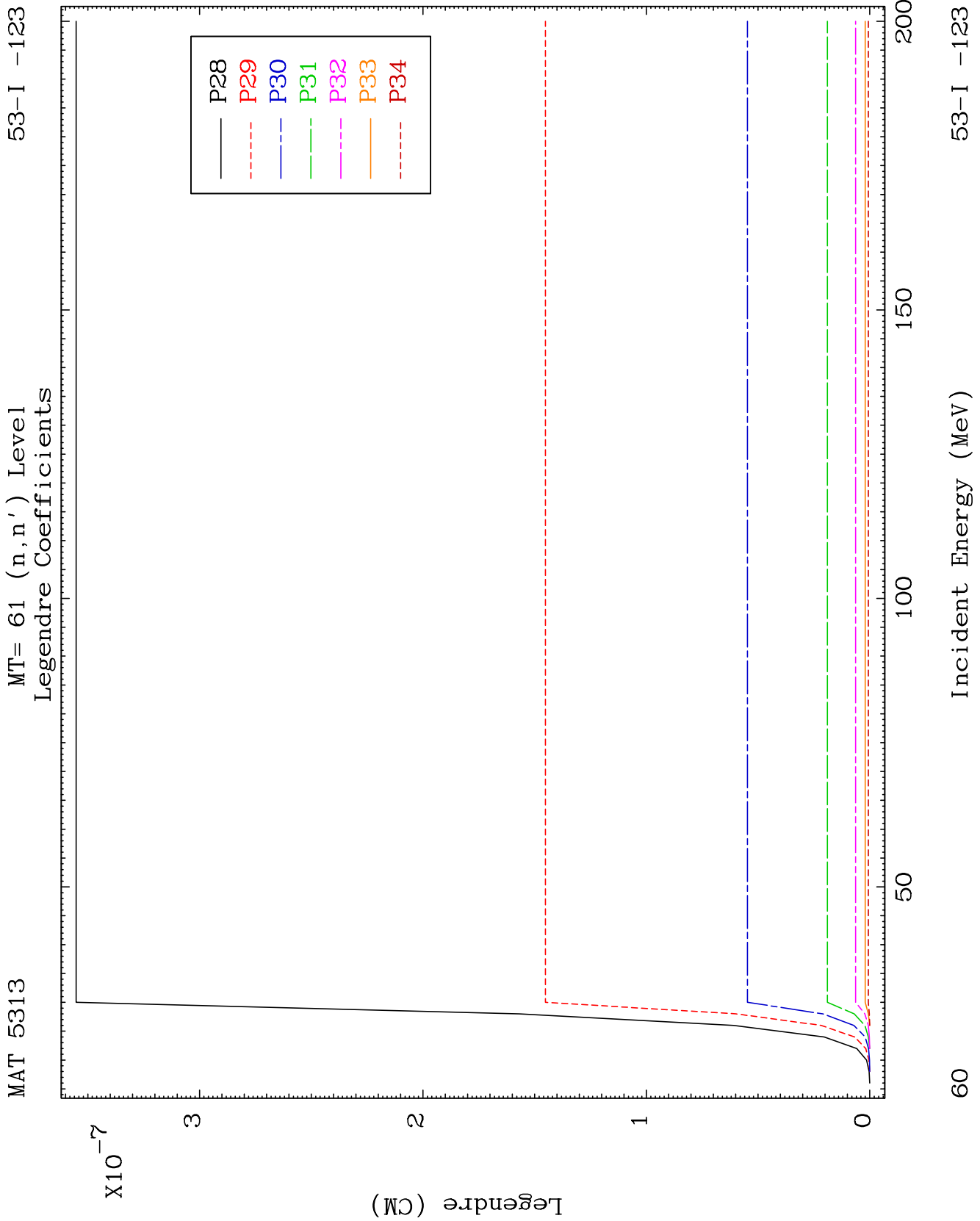
57

Incident Energy (MeV)

53-I -123



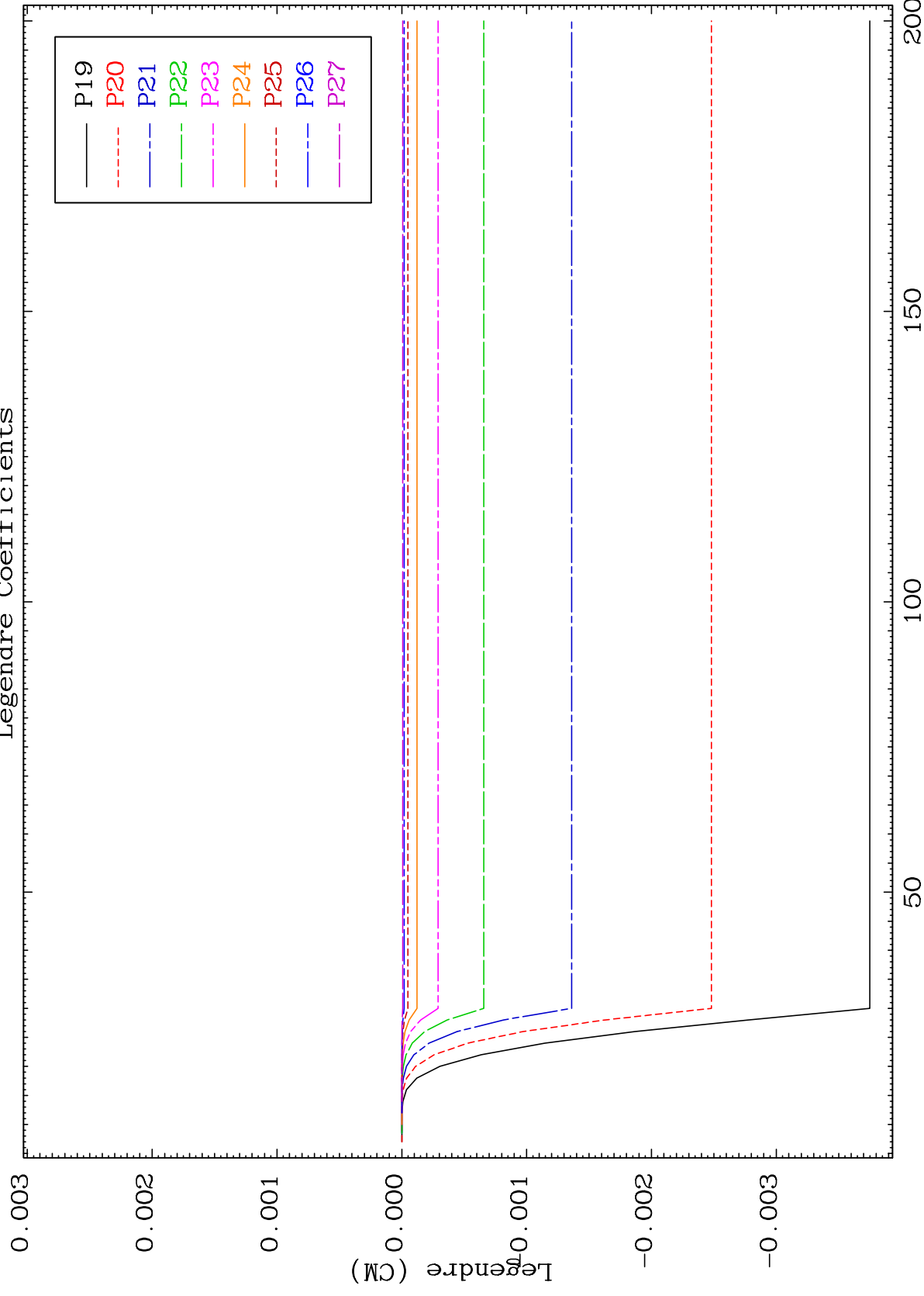




MAT 5313

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

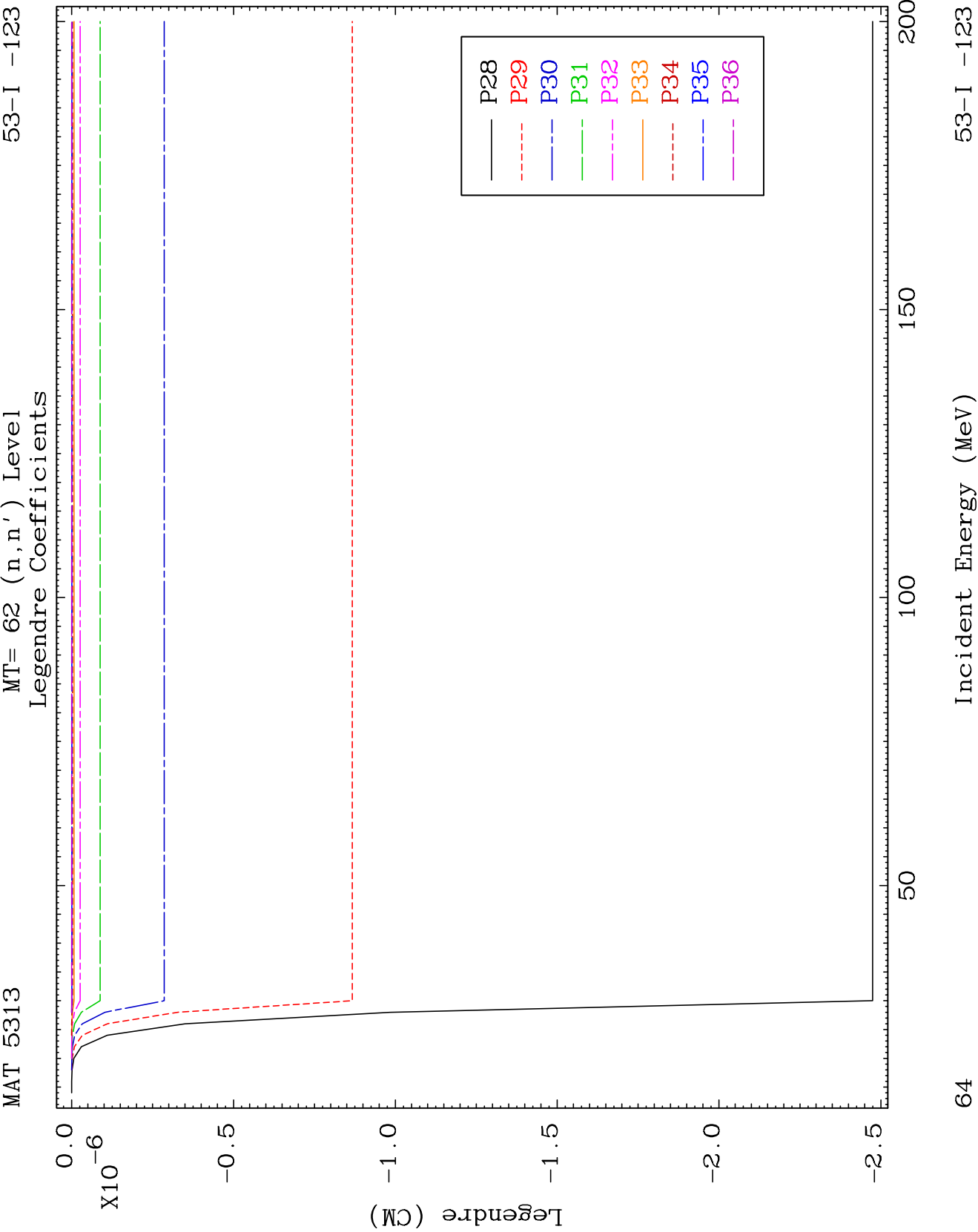
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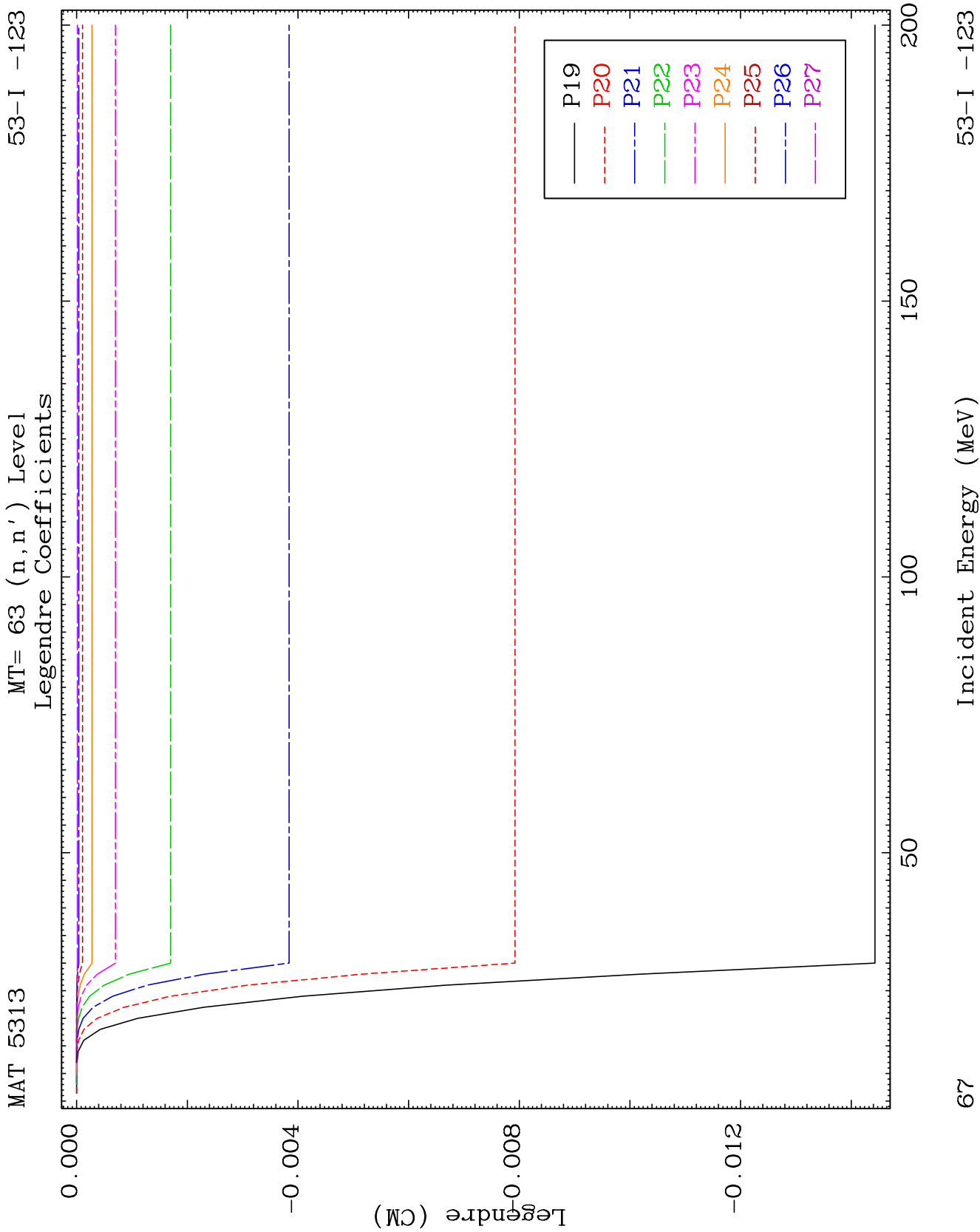


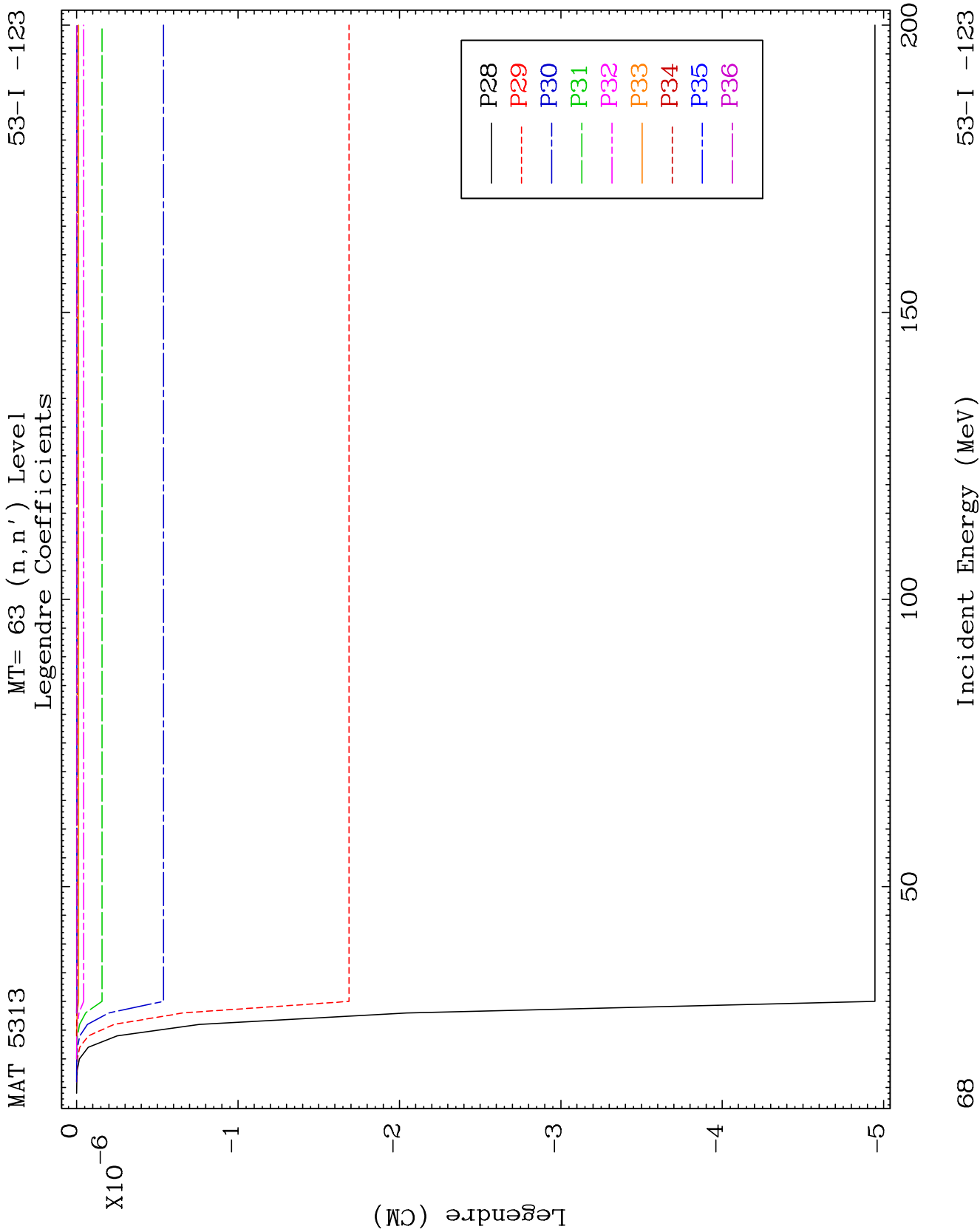
63

Incident Energy (MeV)

53-I -123



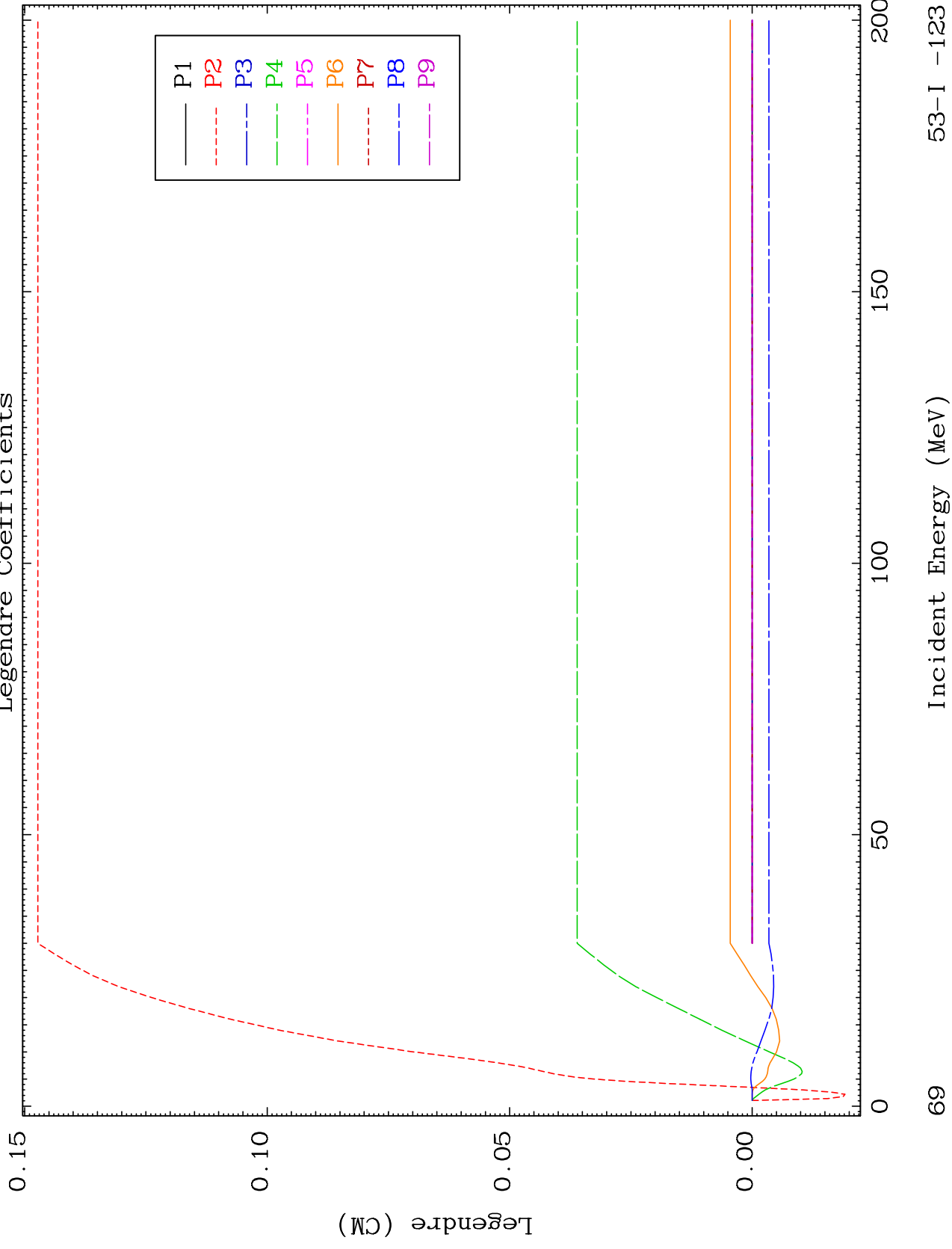


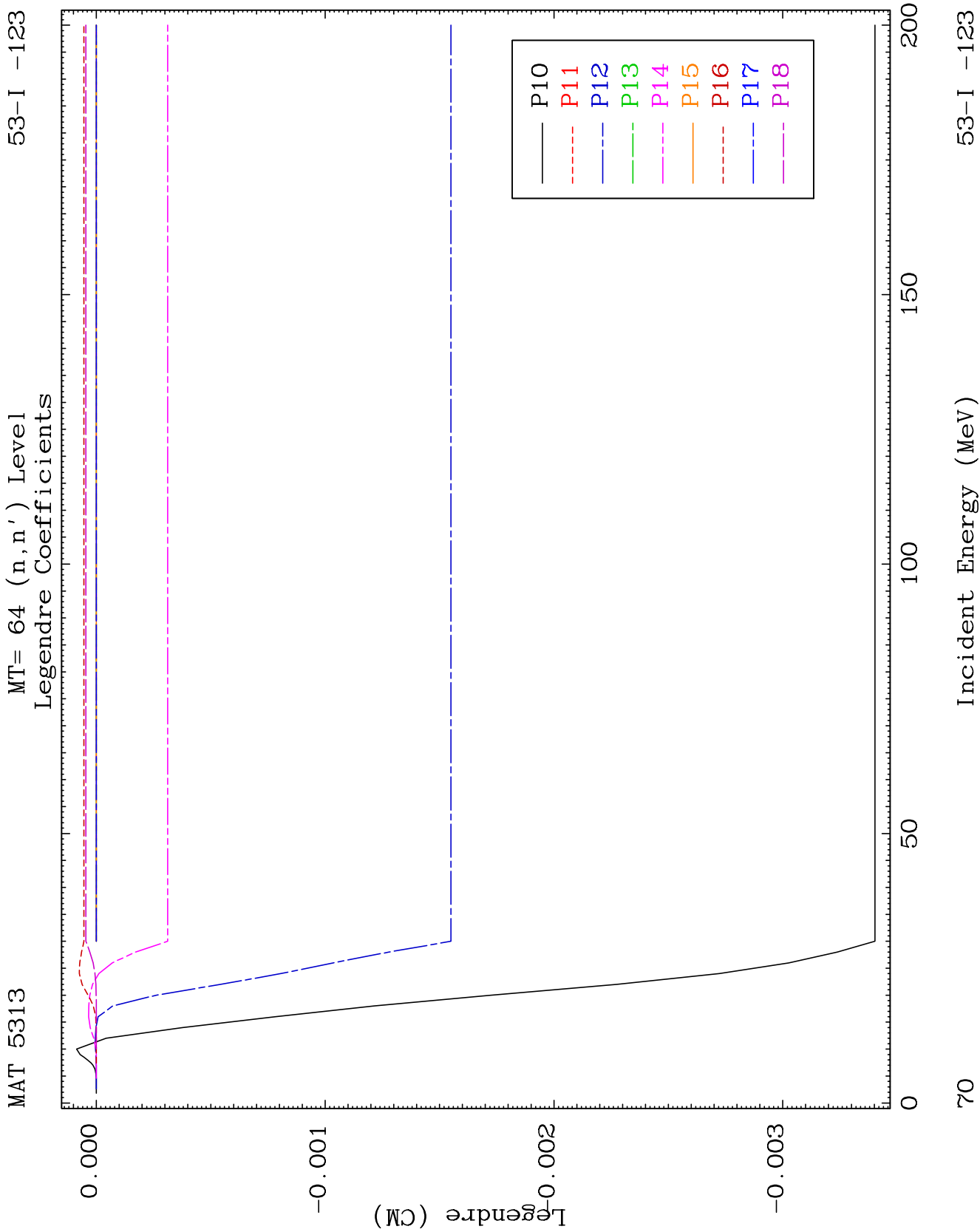


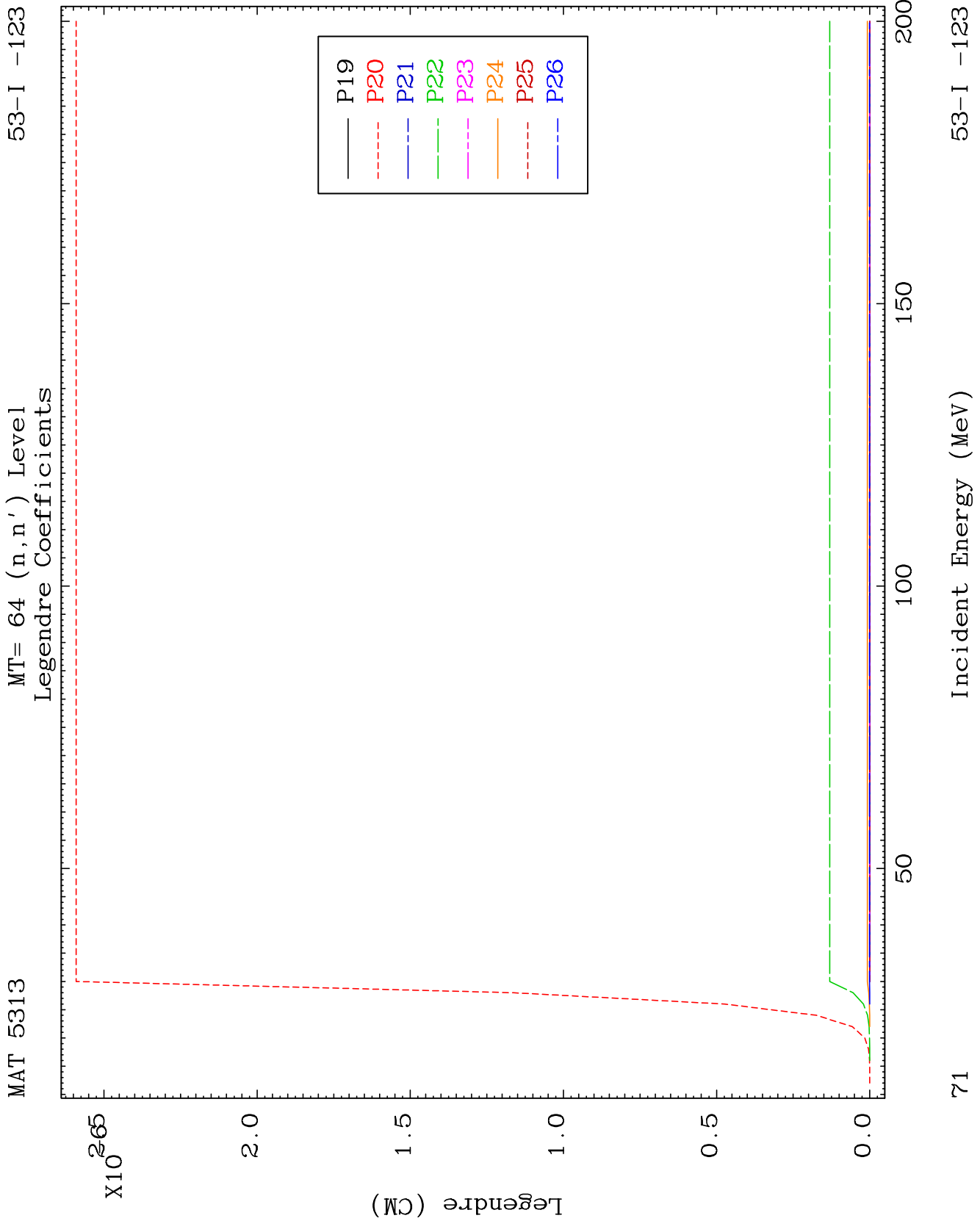
MAT 5313

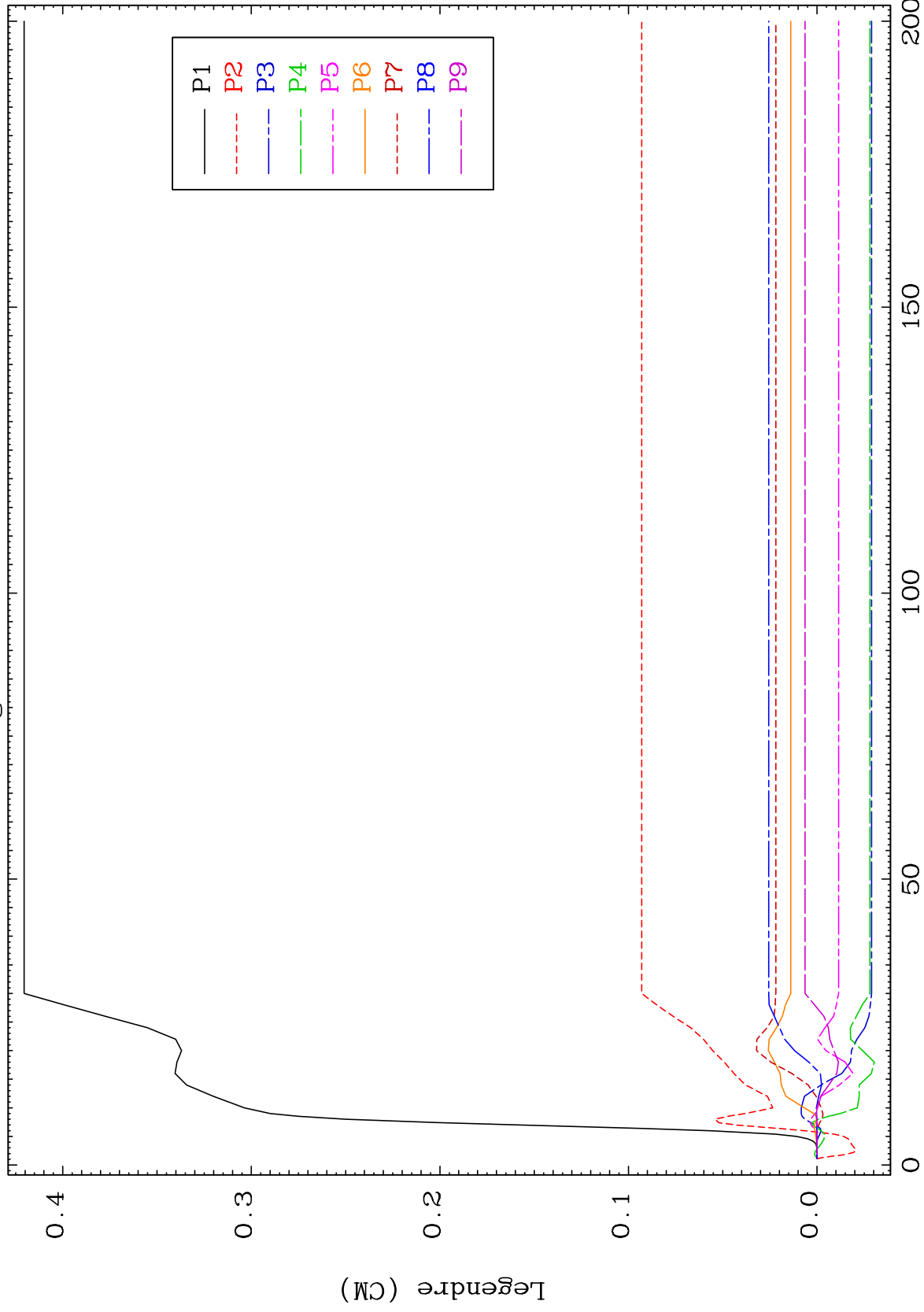
MT= 64 (n, n') Level
Legendre Coefficients

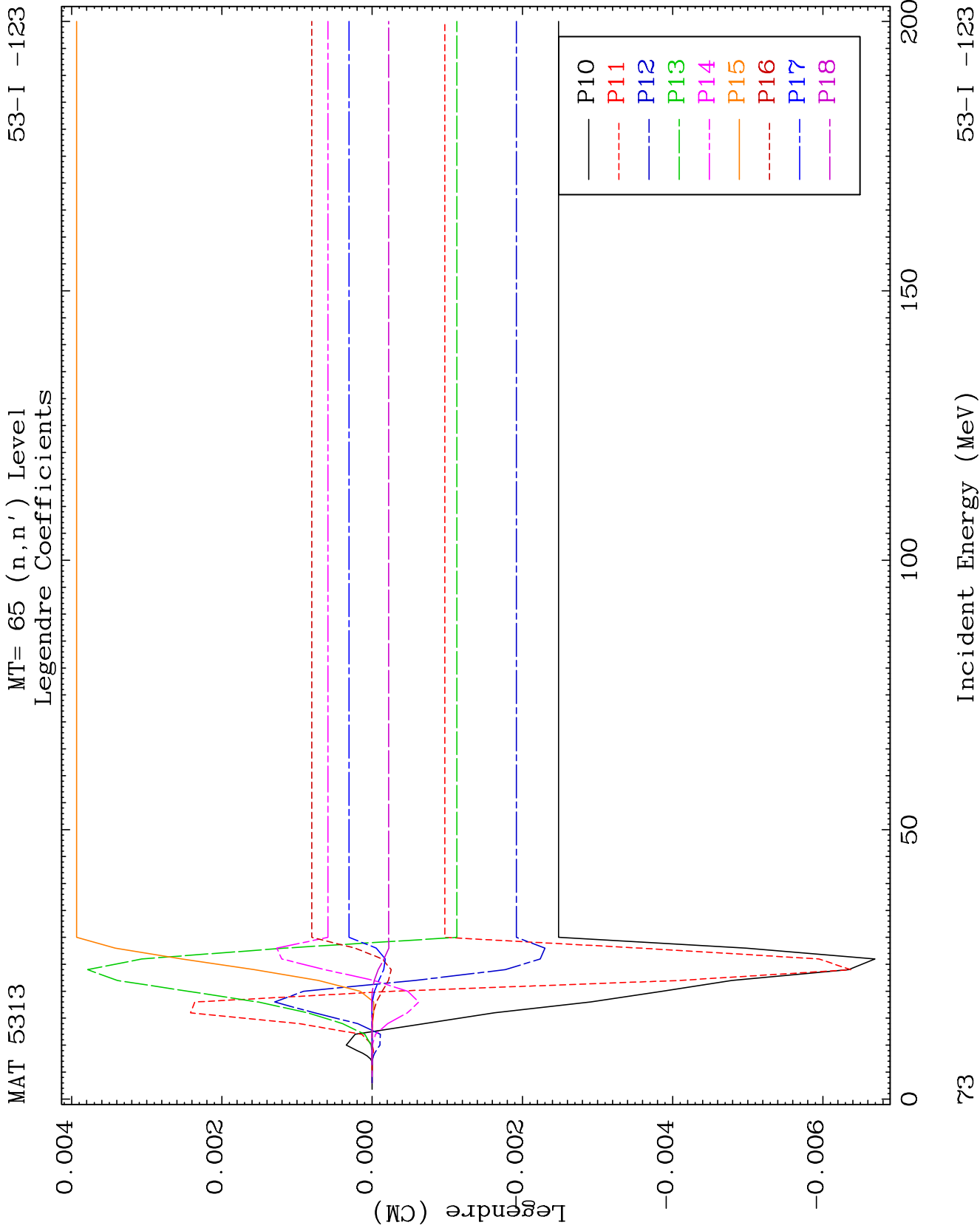
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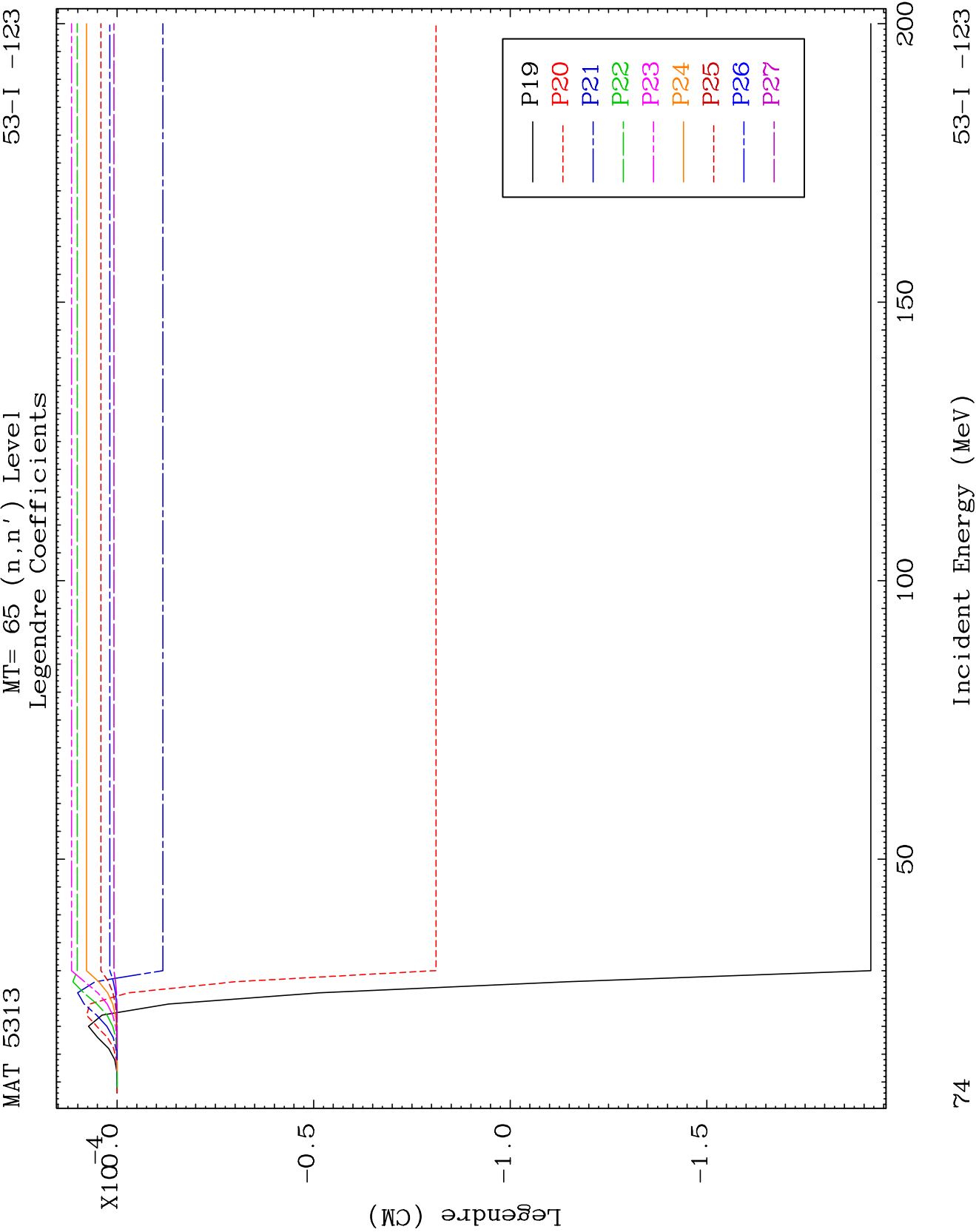


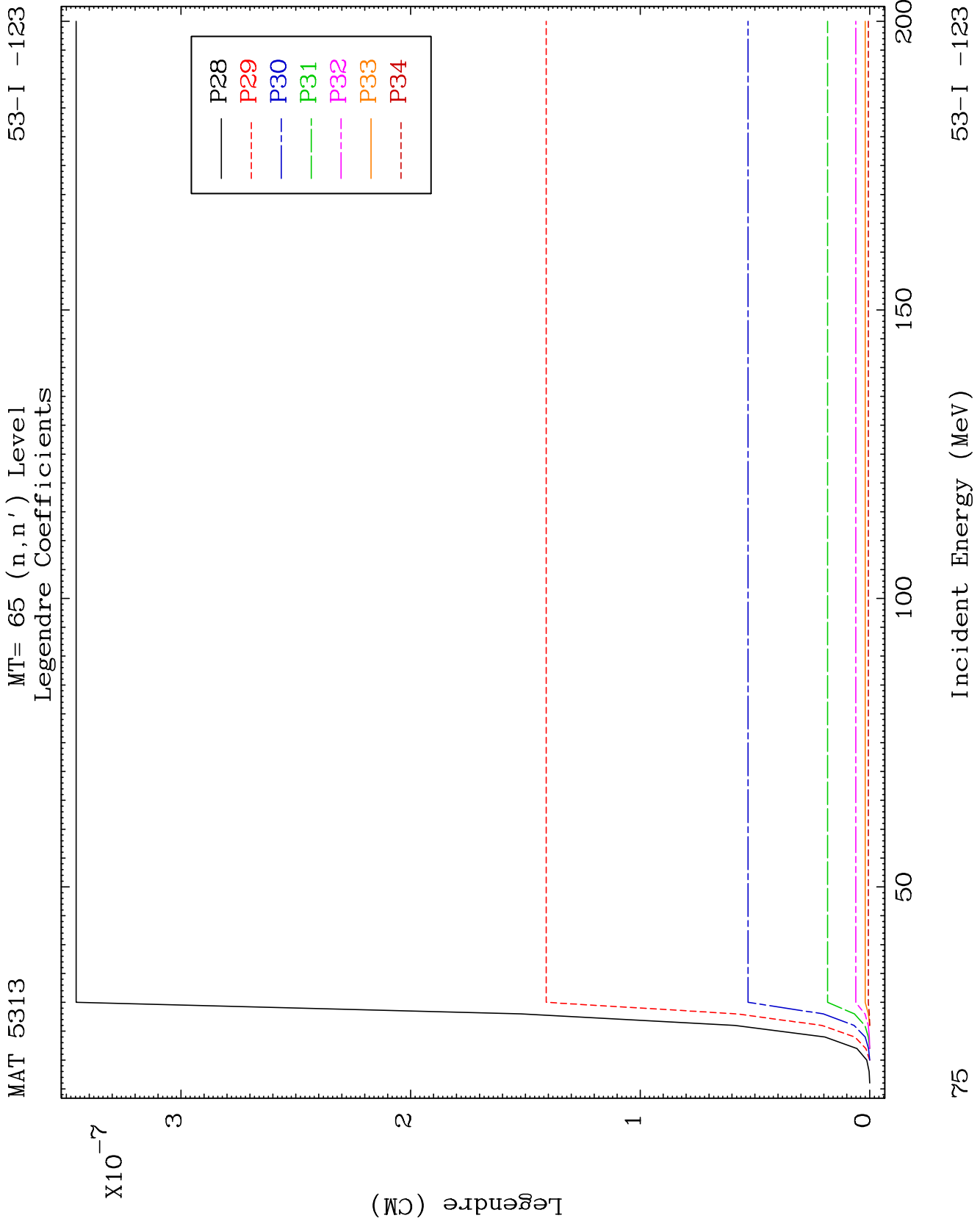


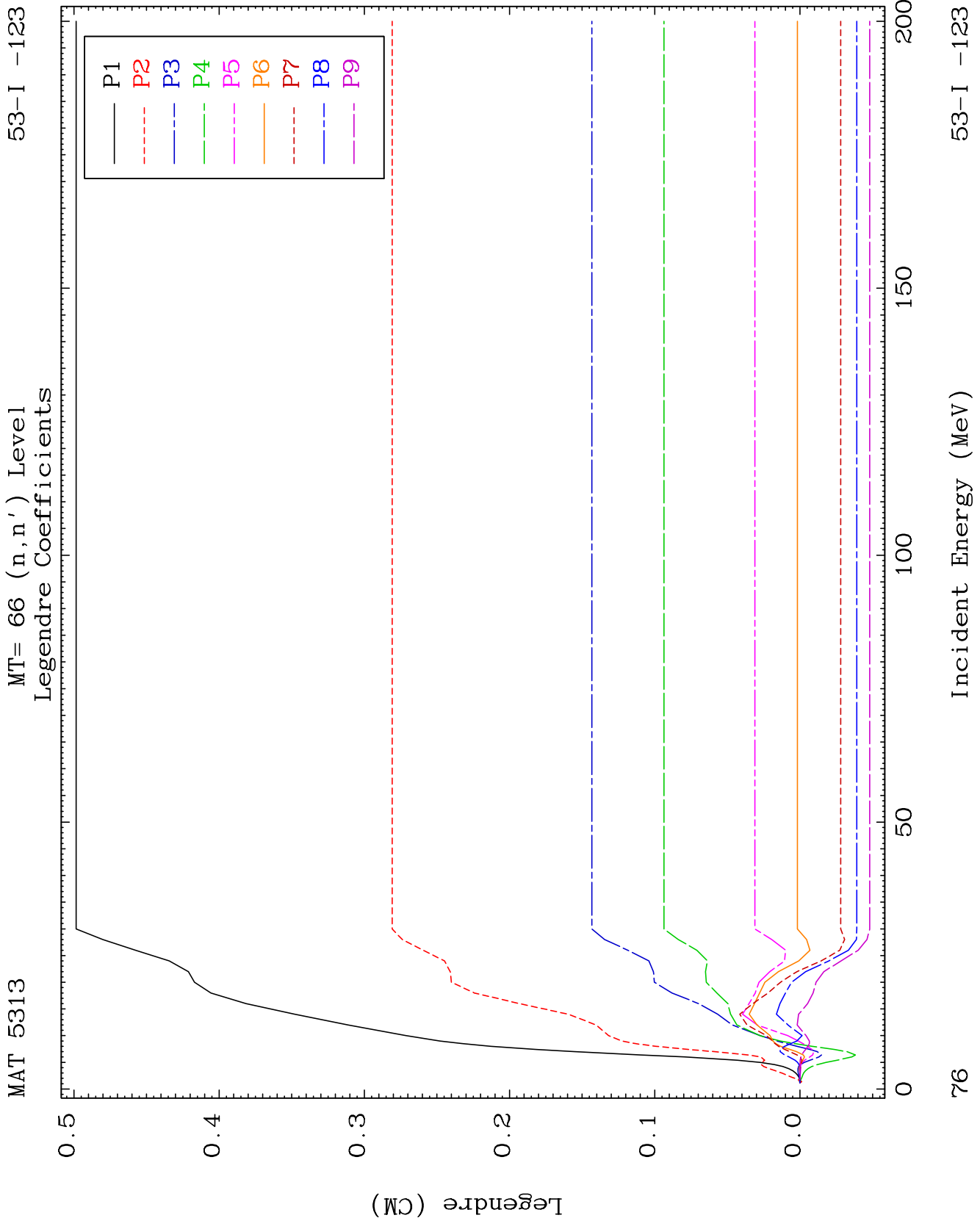


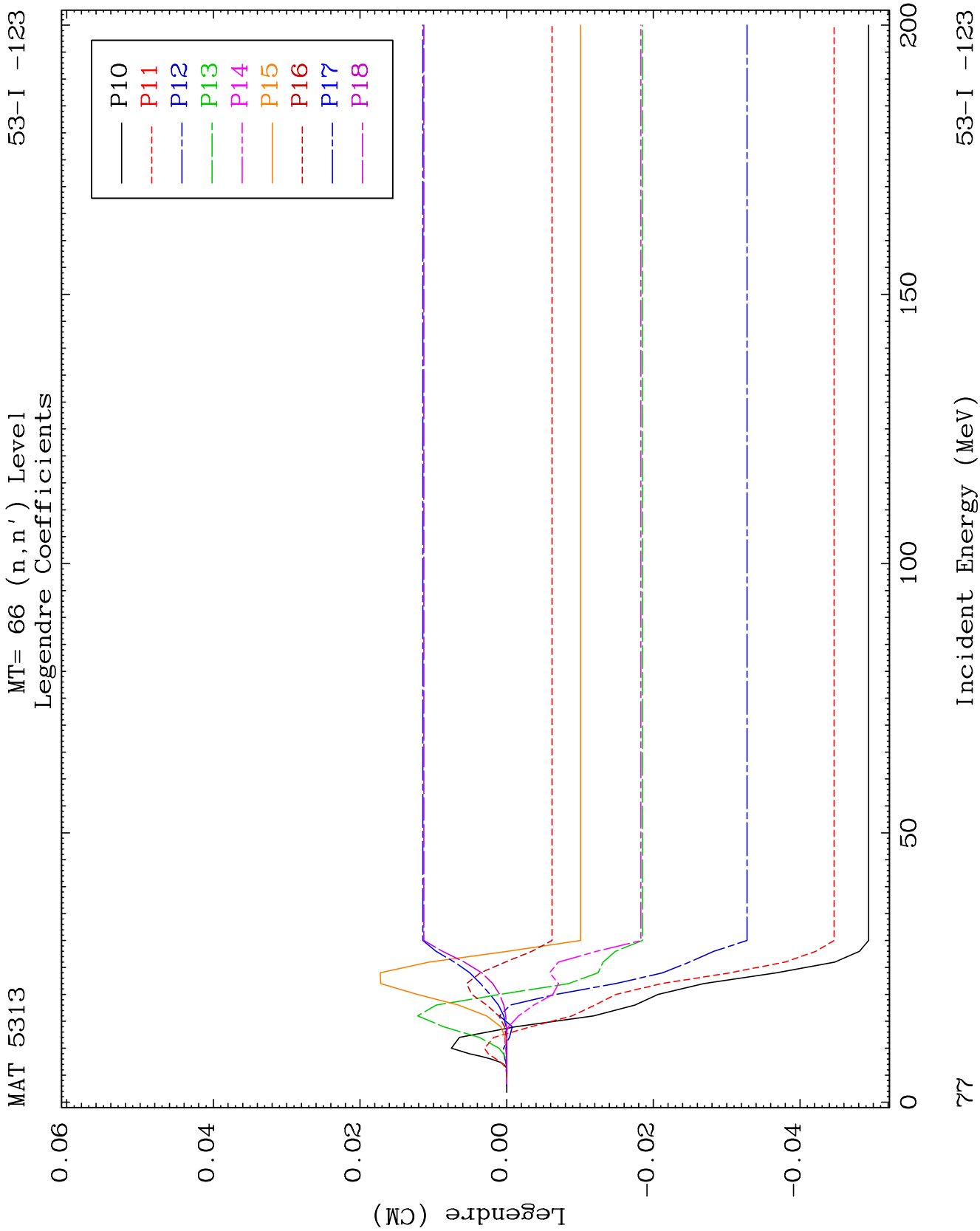


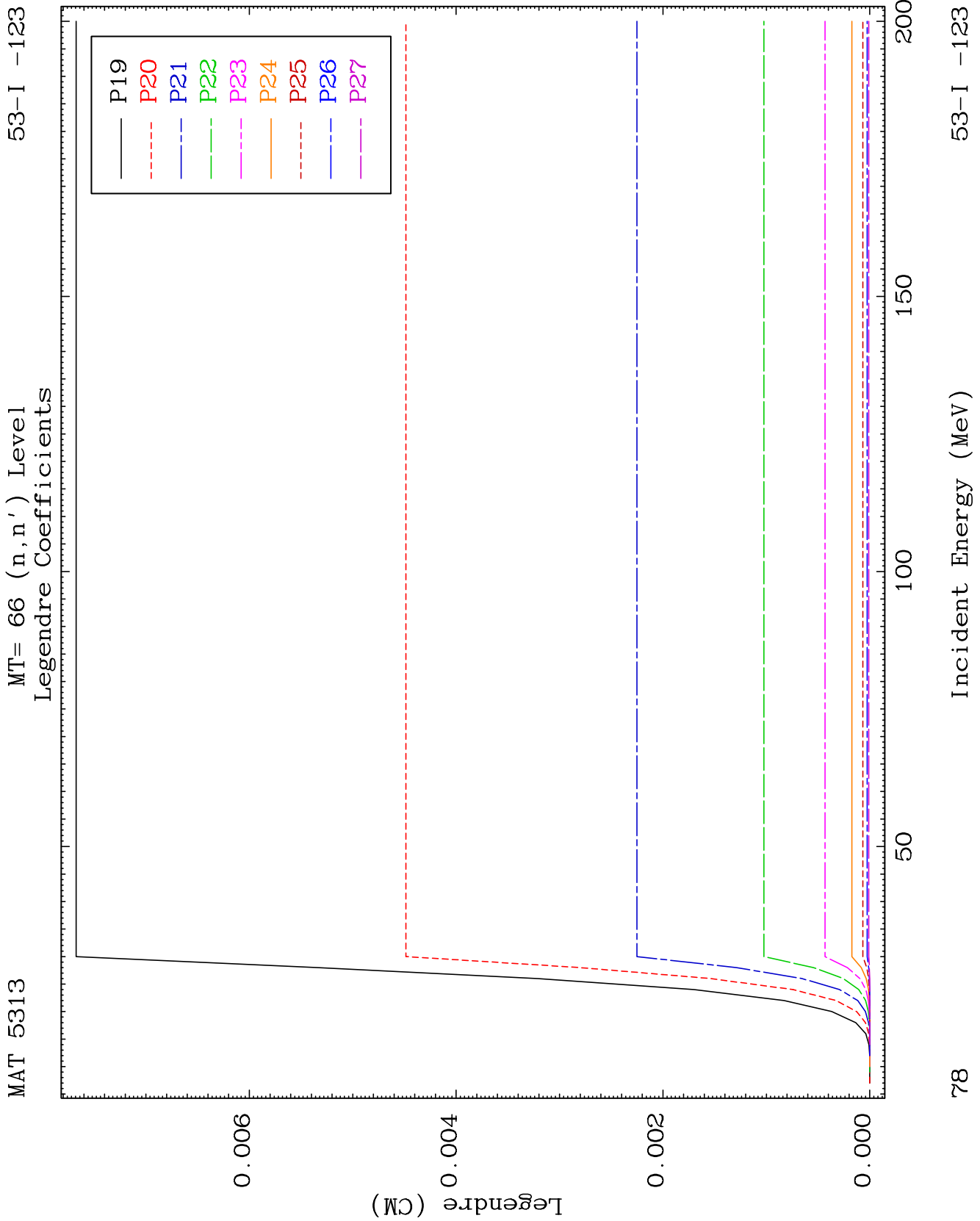


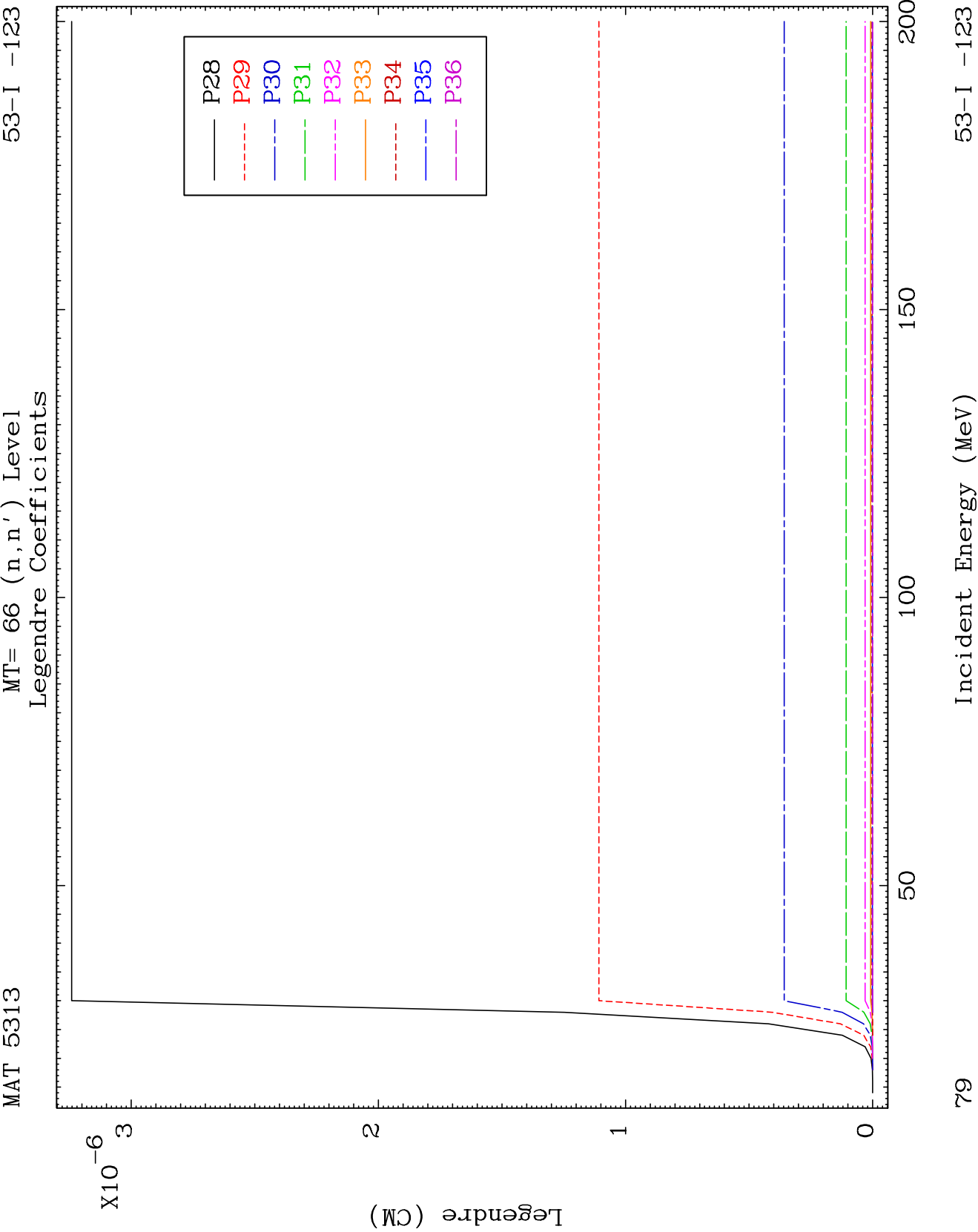


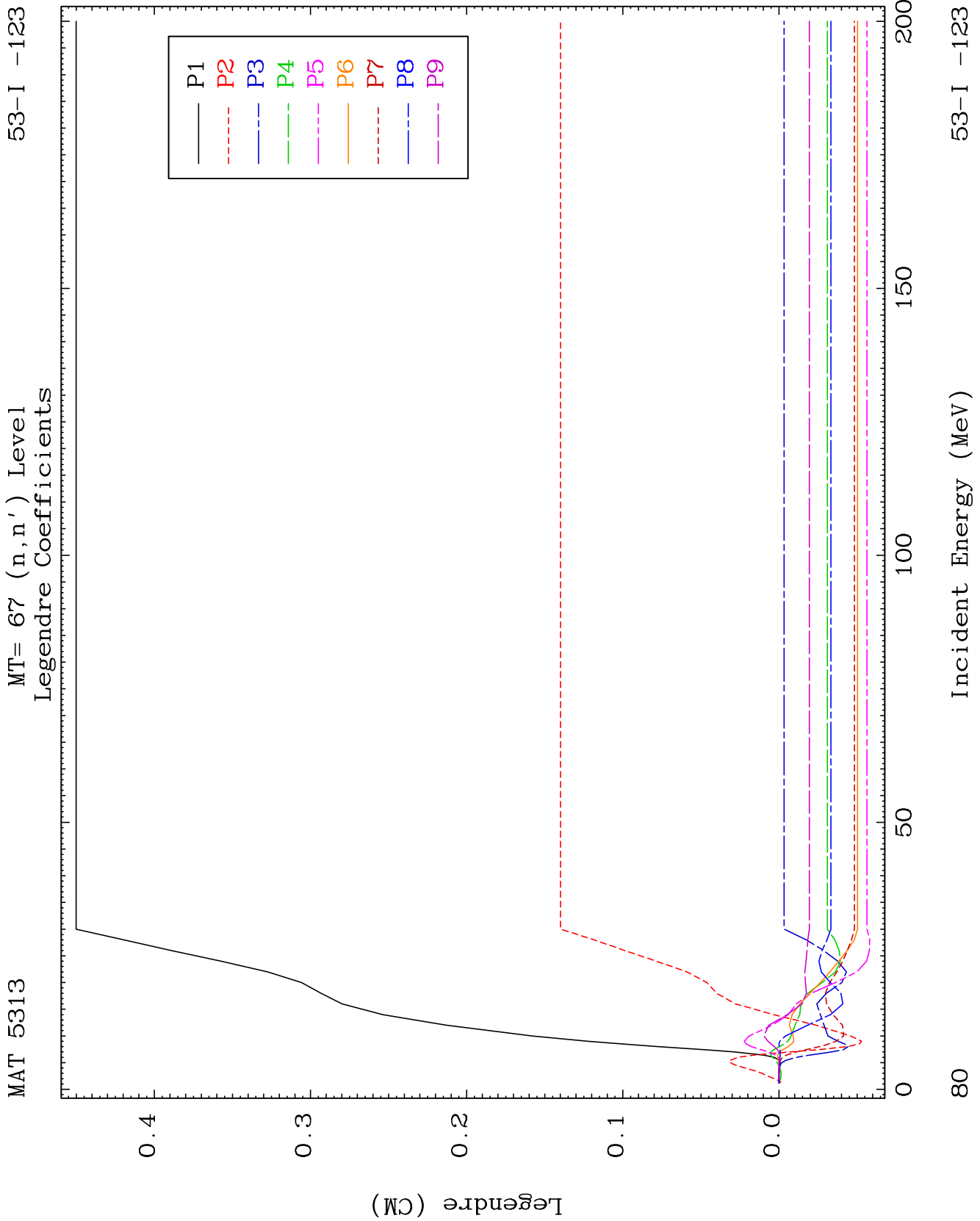


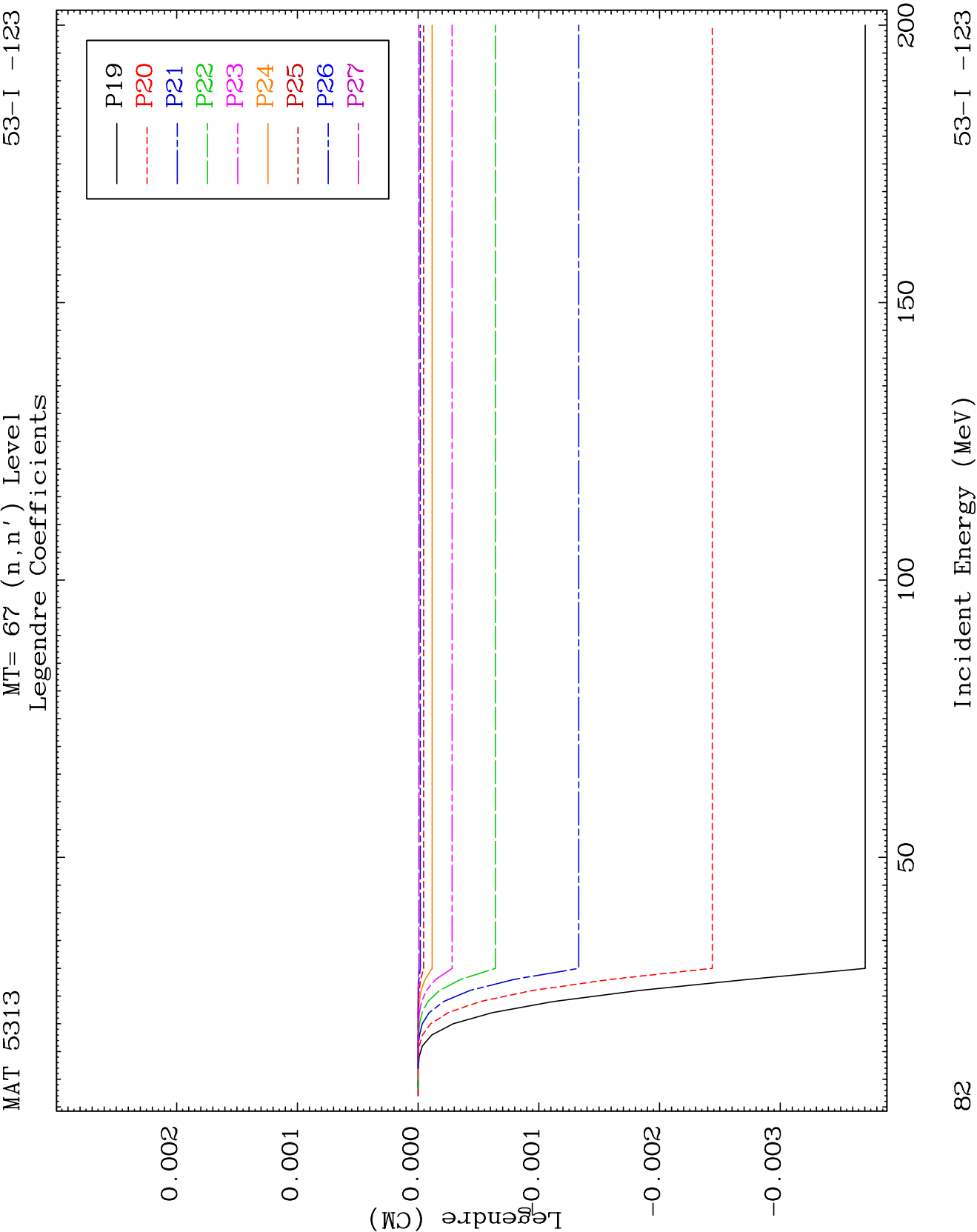


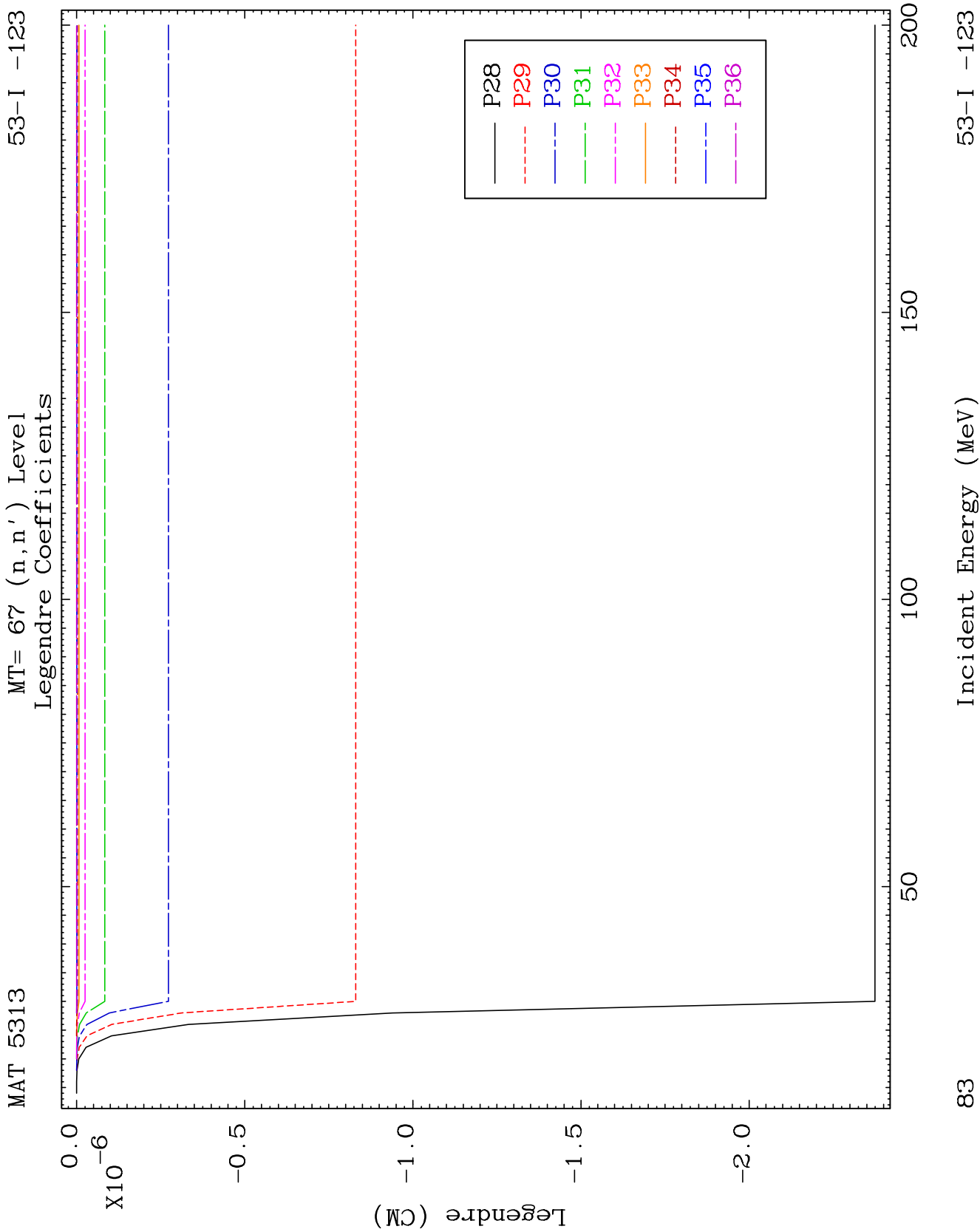


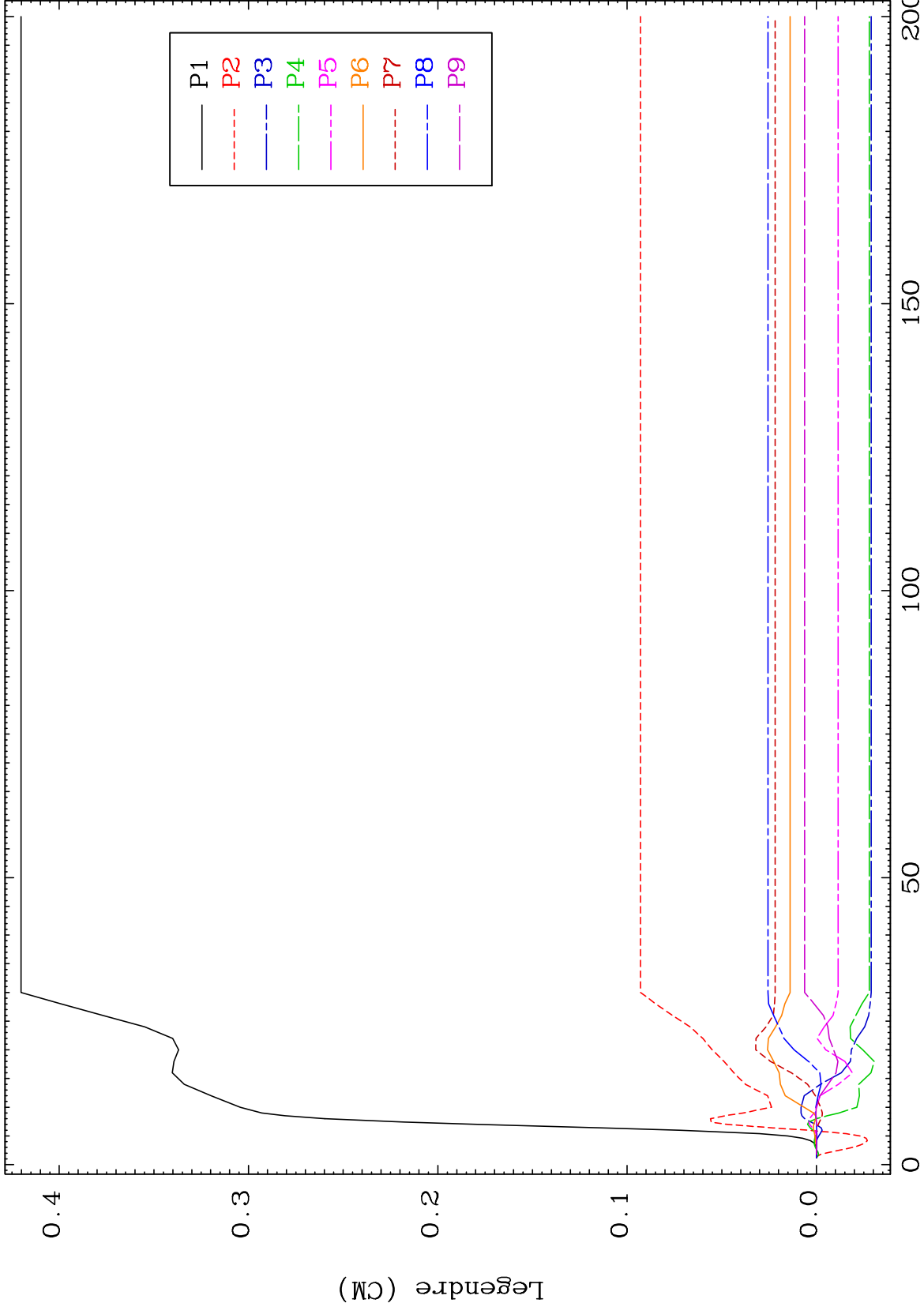


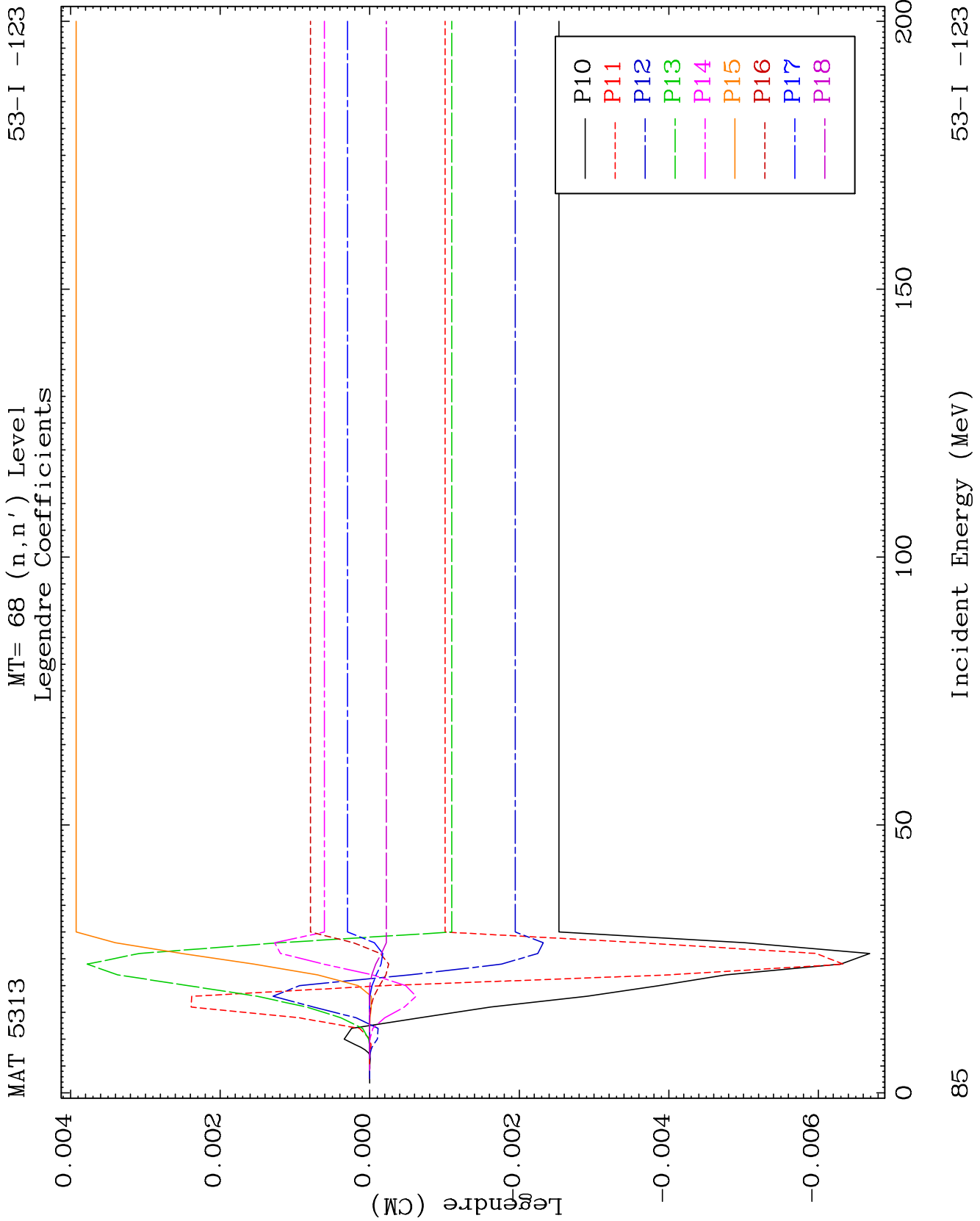


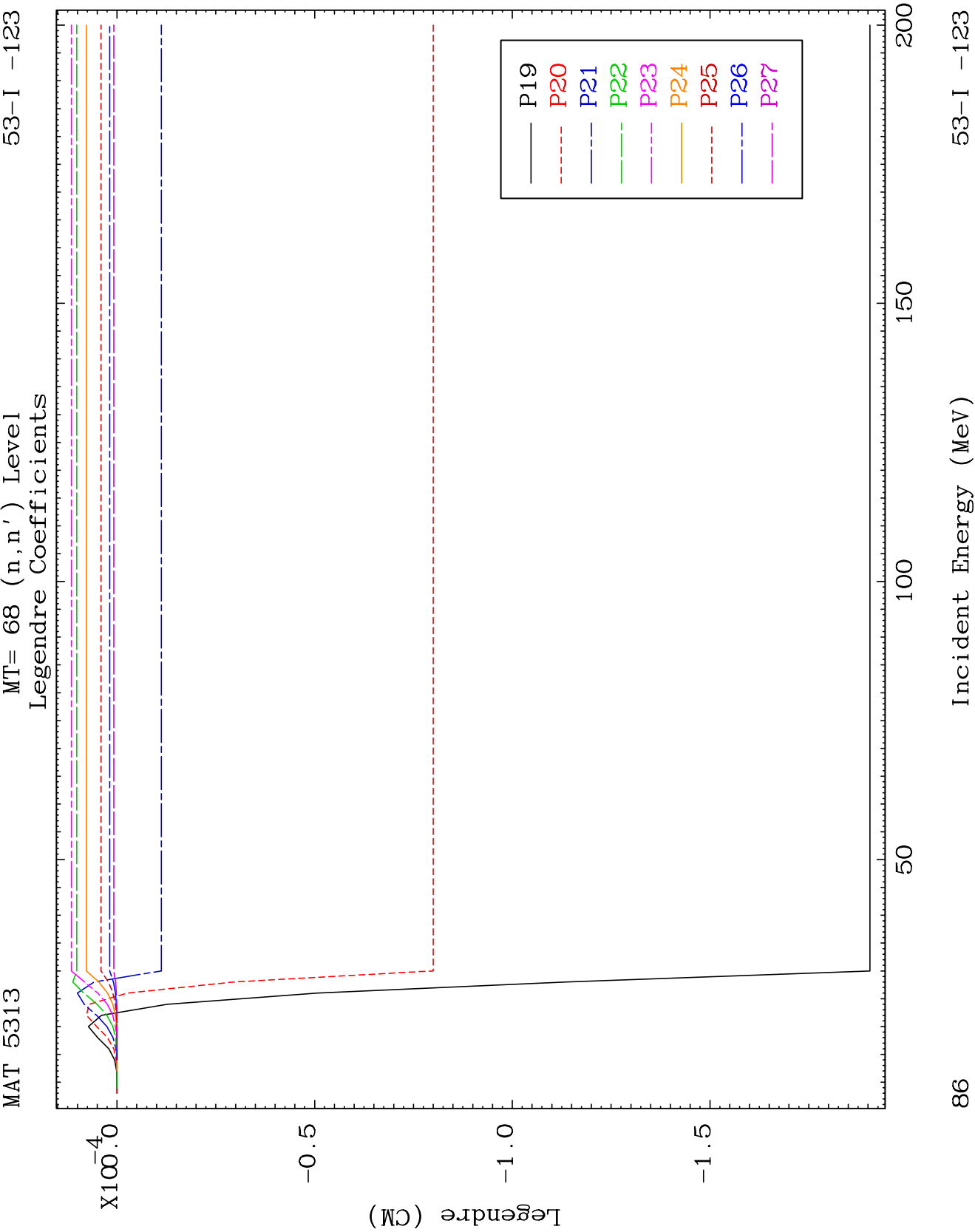


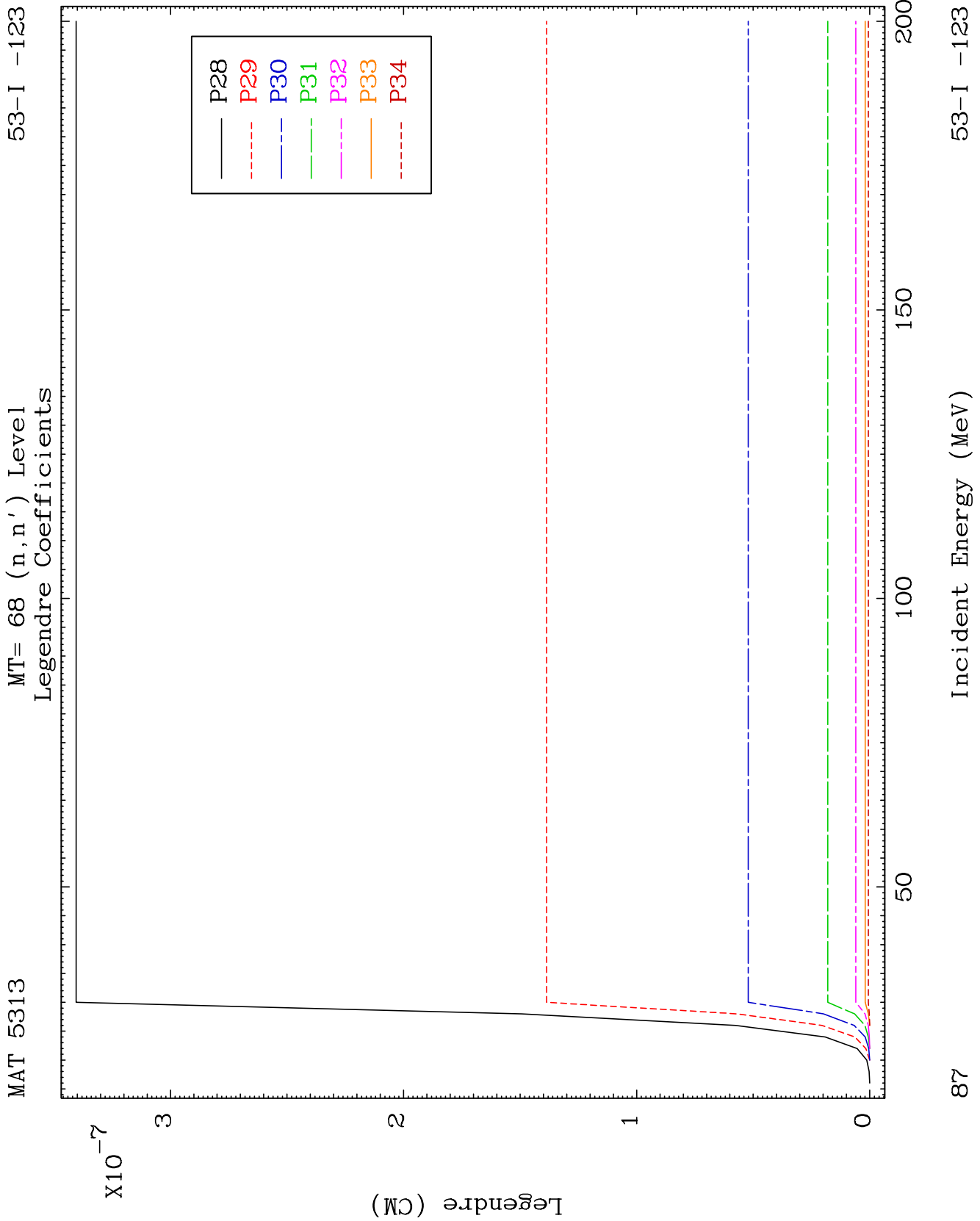








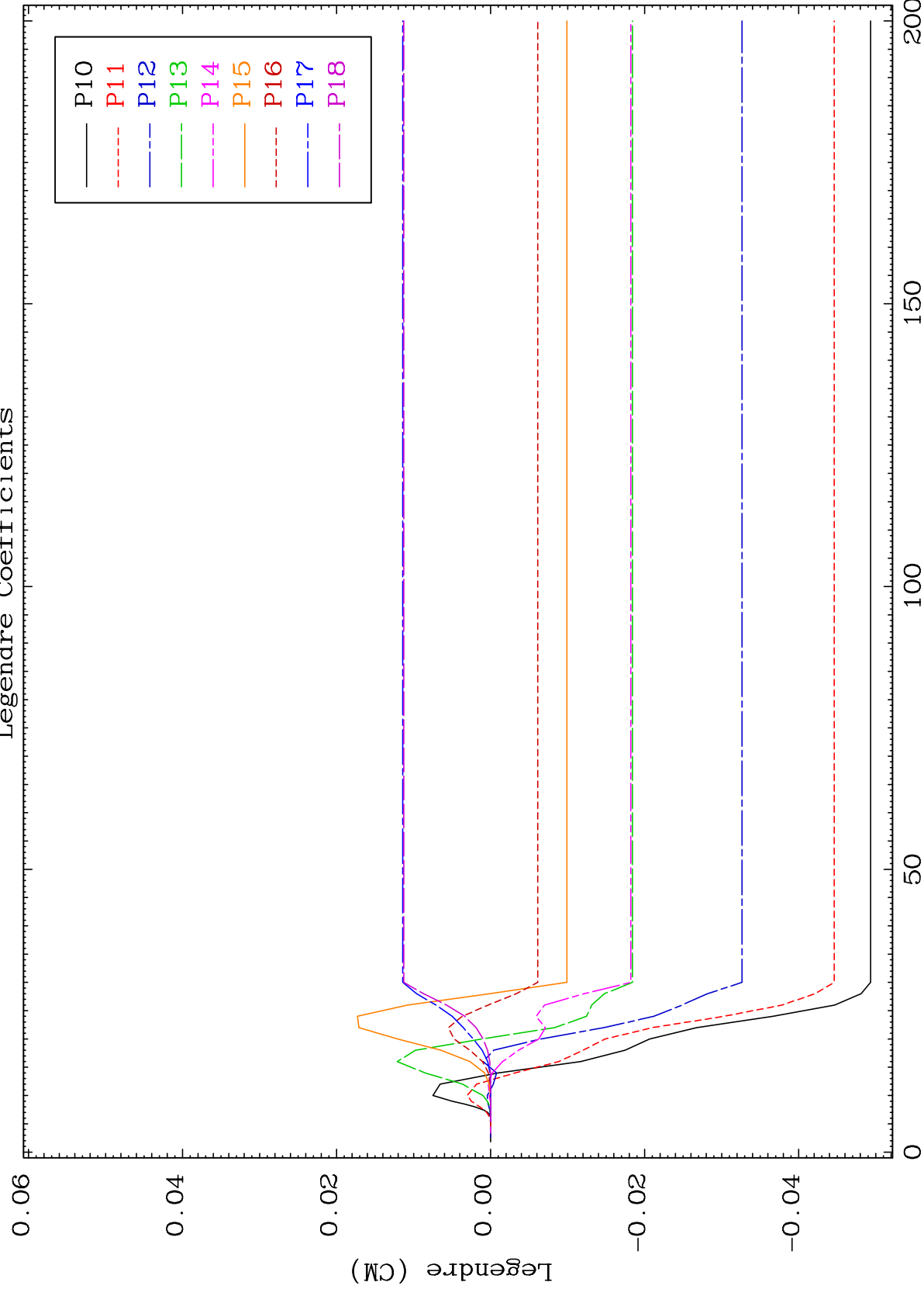




MAT 5313

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

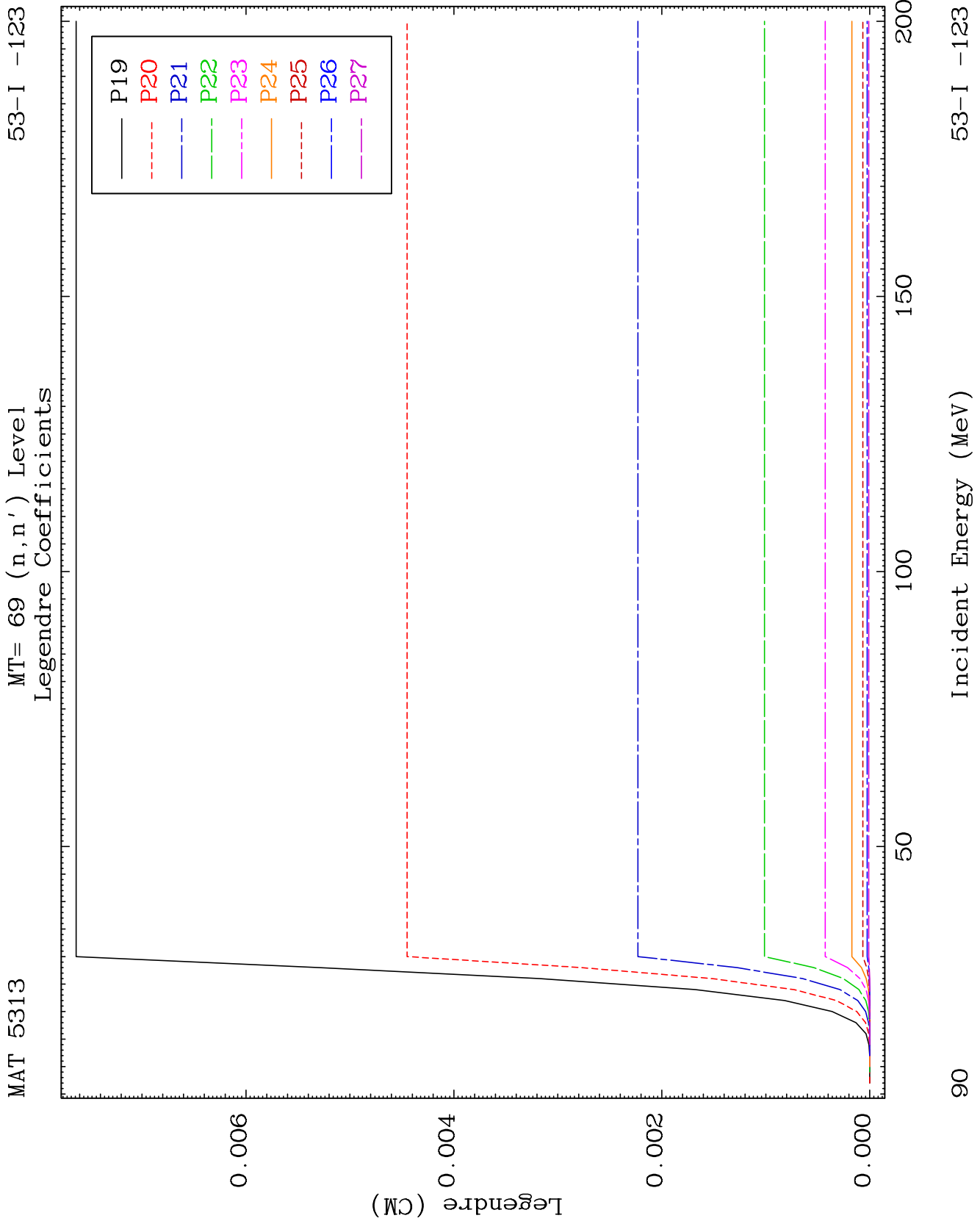
53-I -123

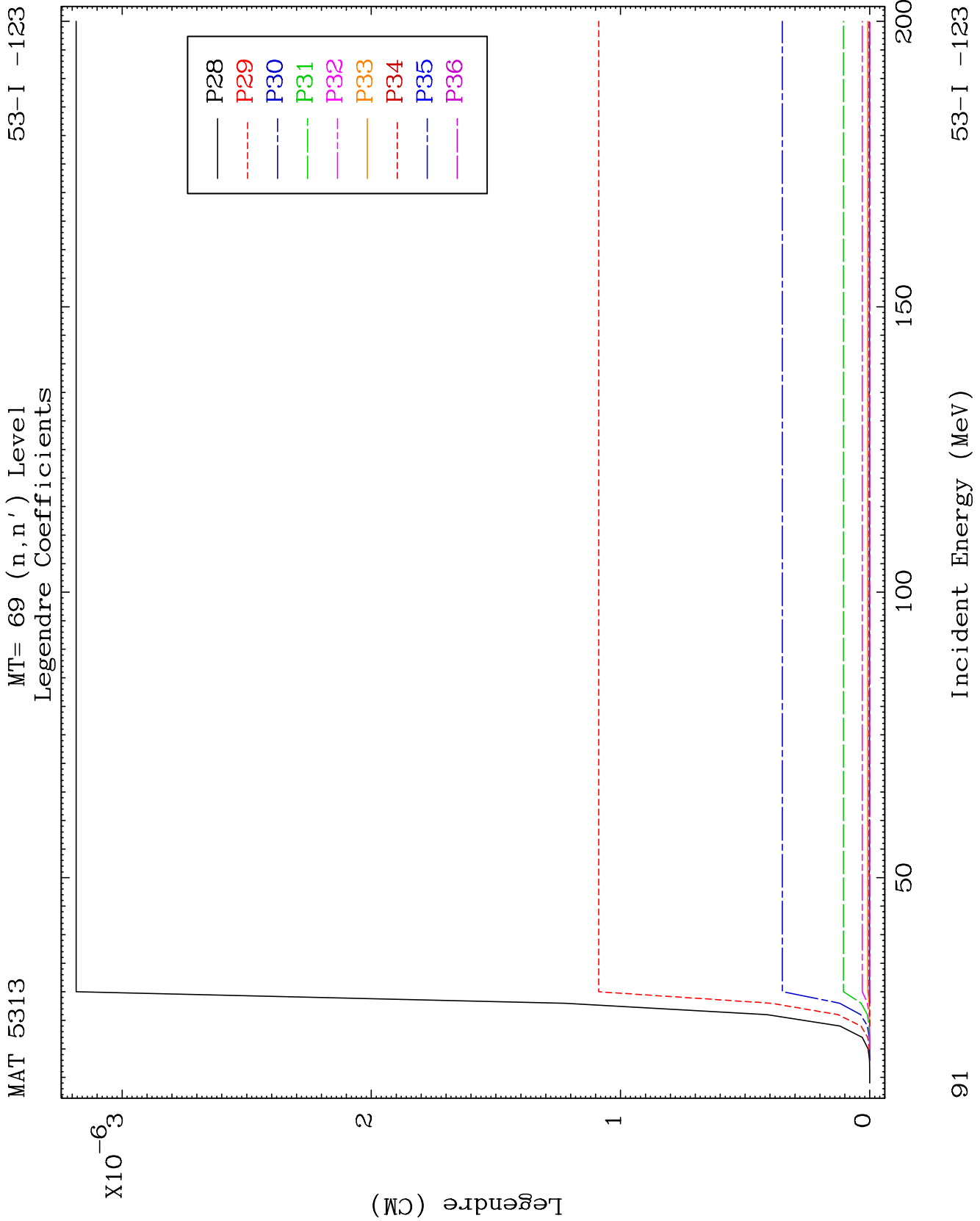


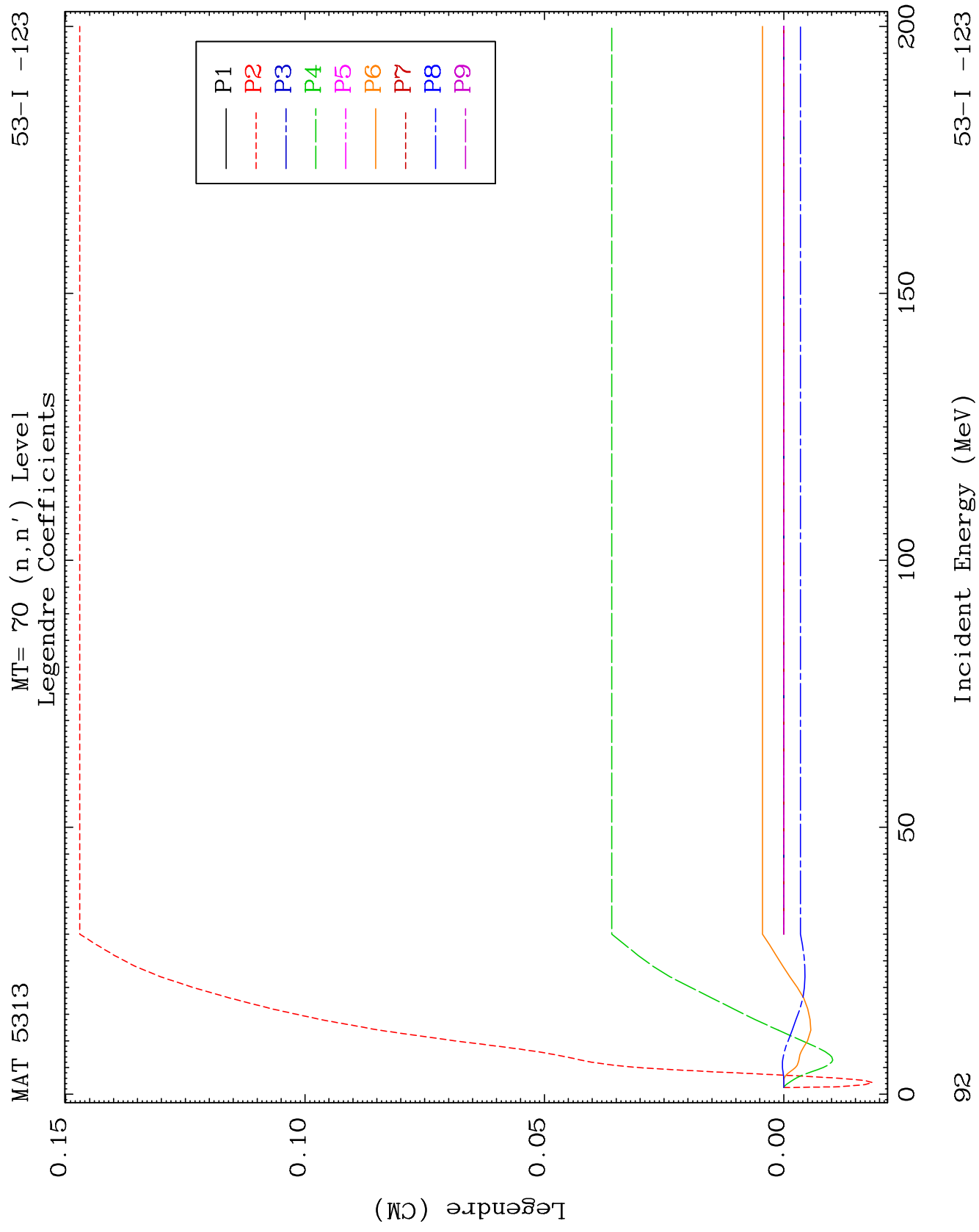
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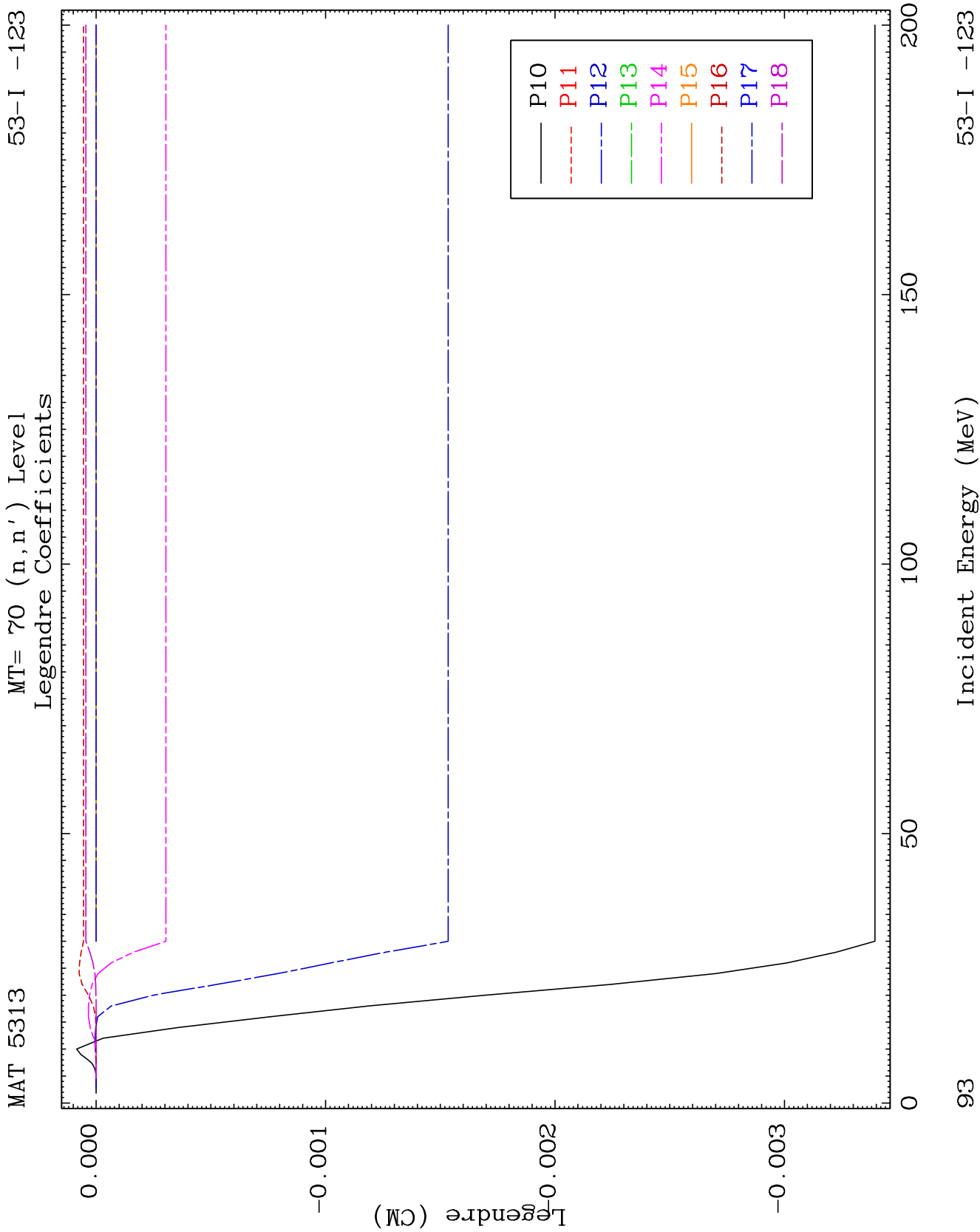
Incident Energy (MeV)

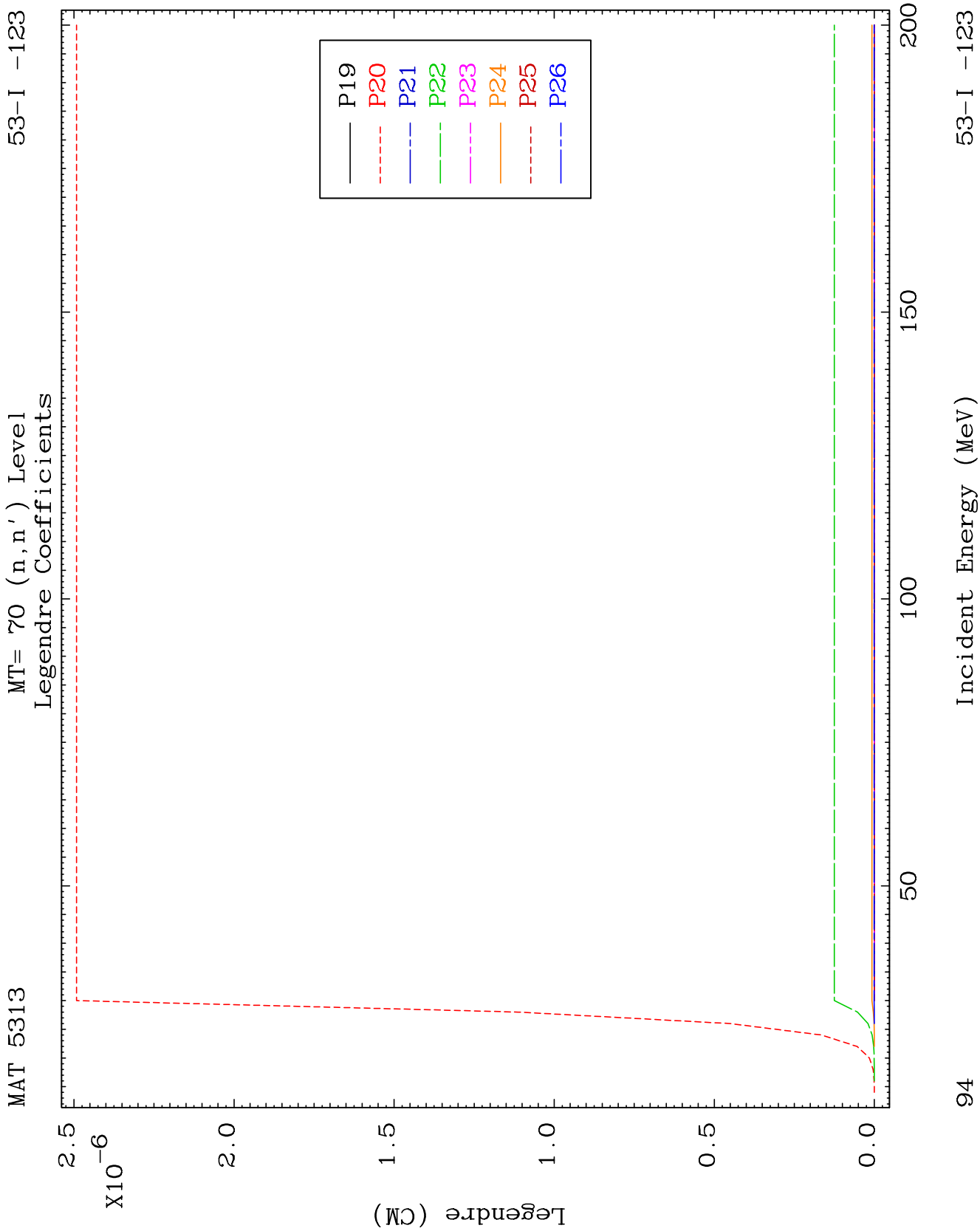
53-I -123



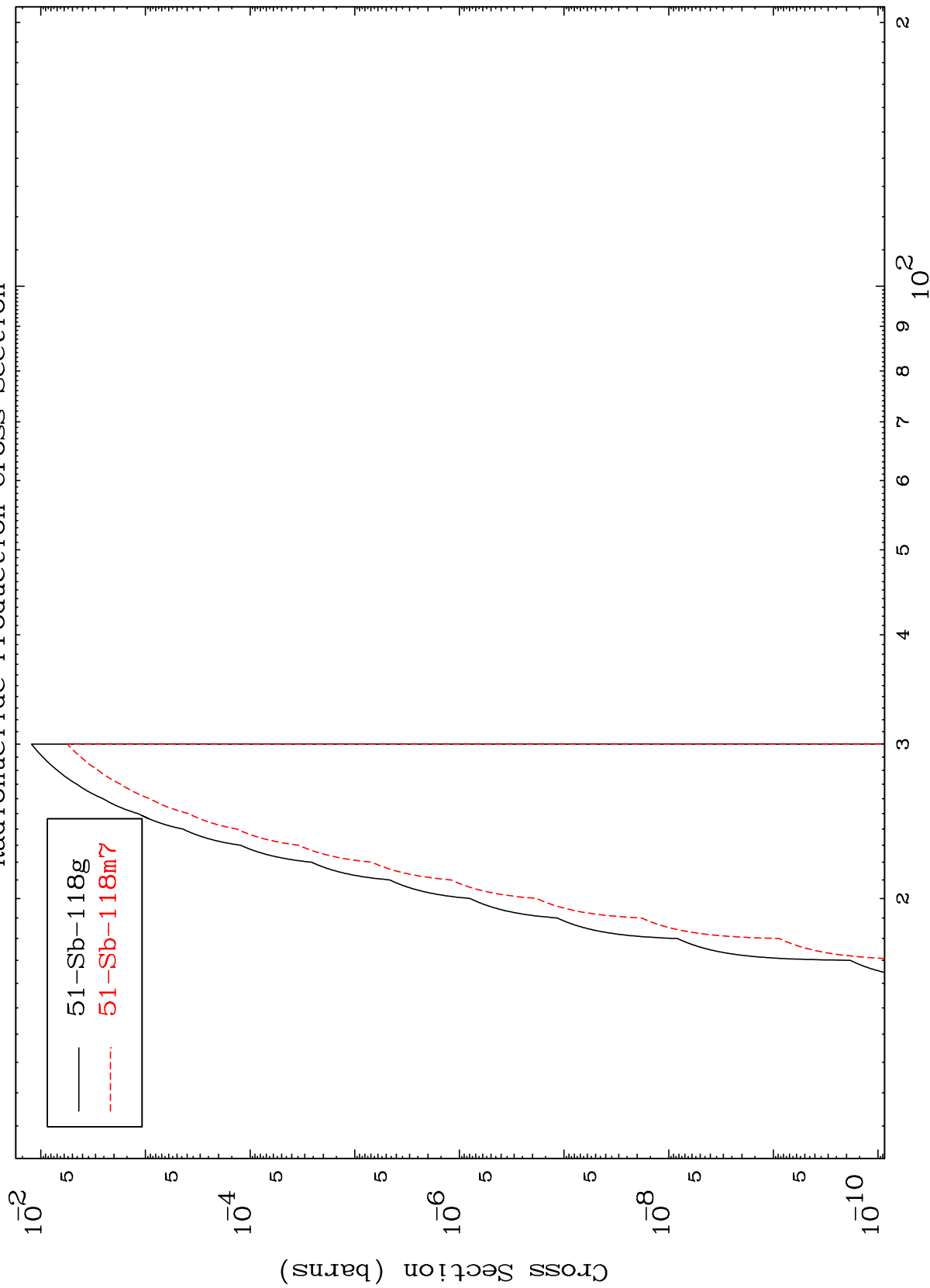




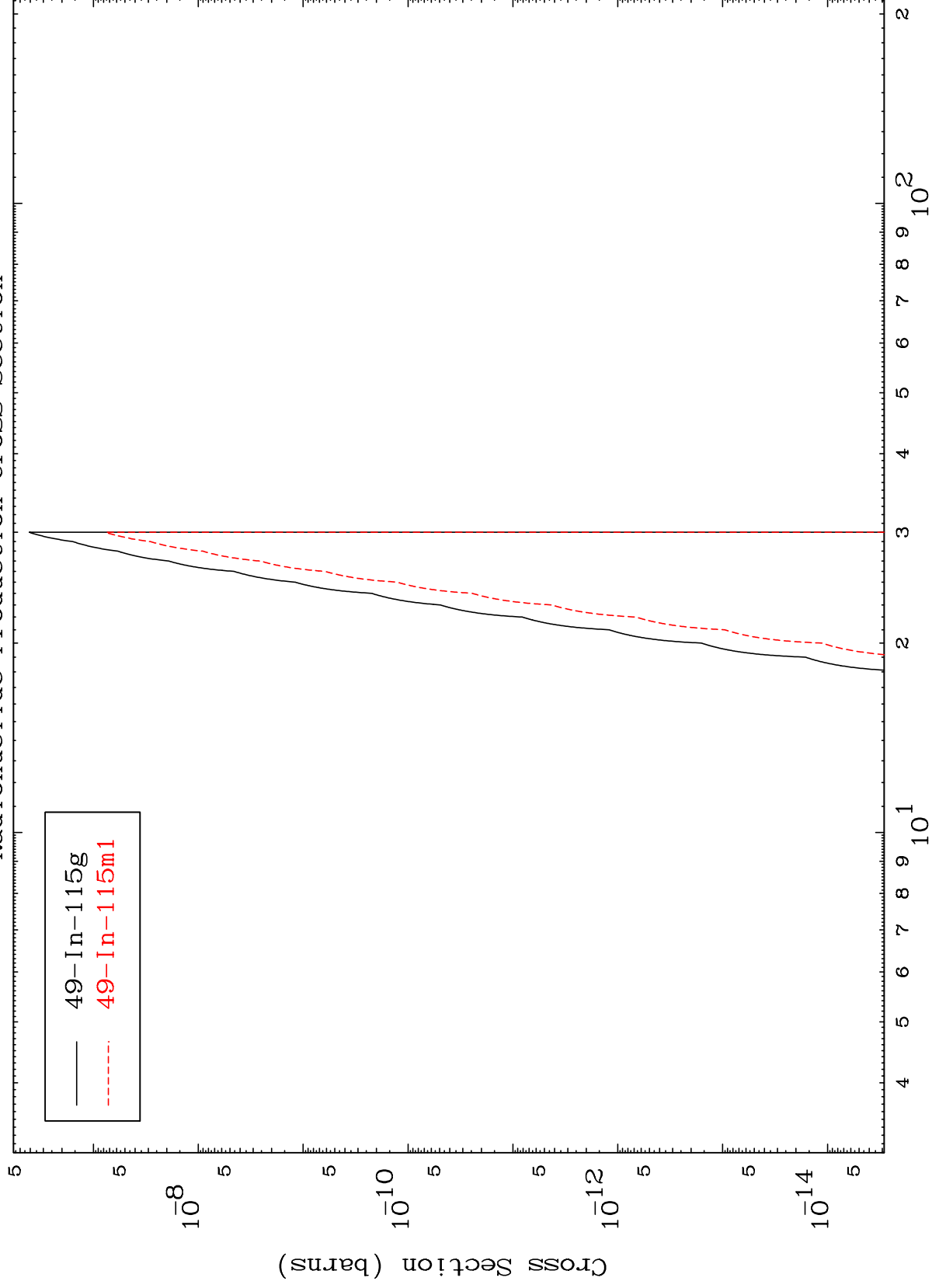


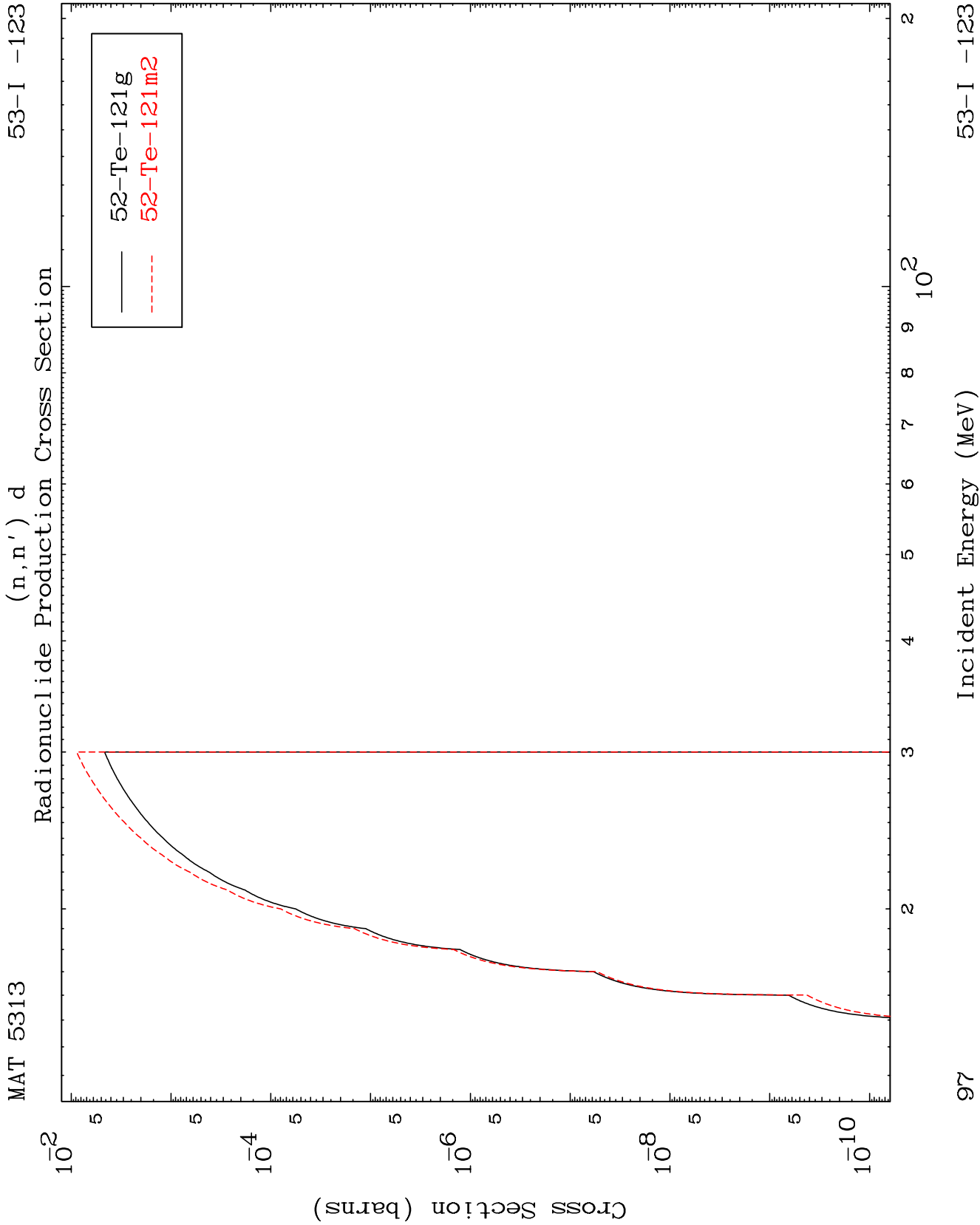


Radionuclide Production Cross Section

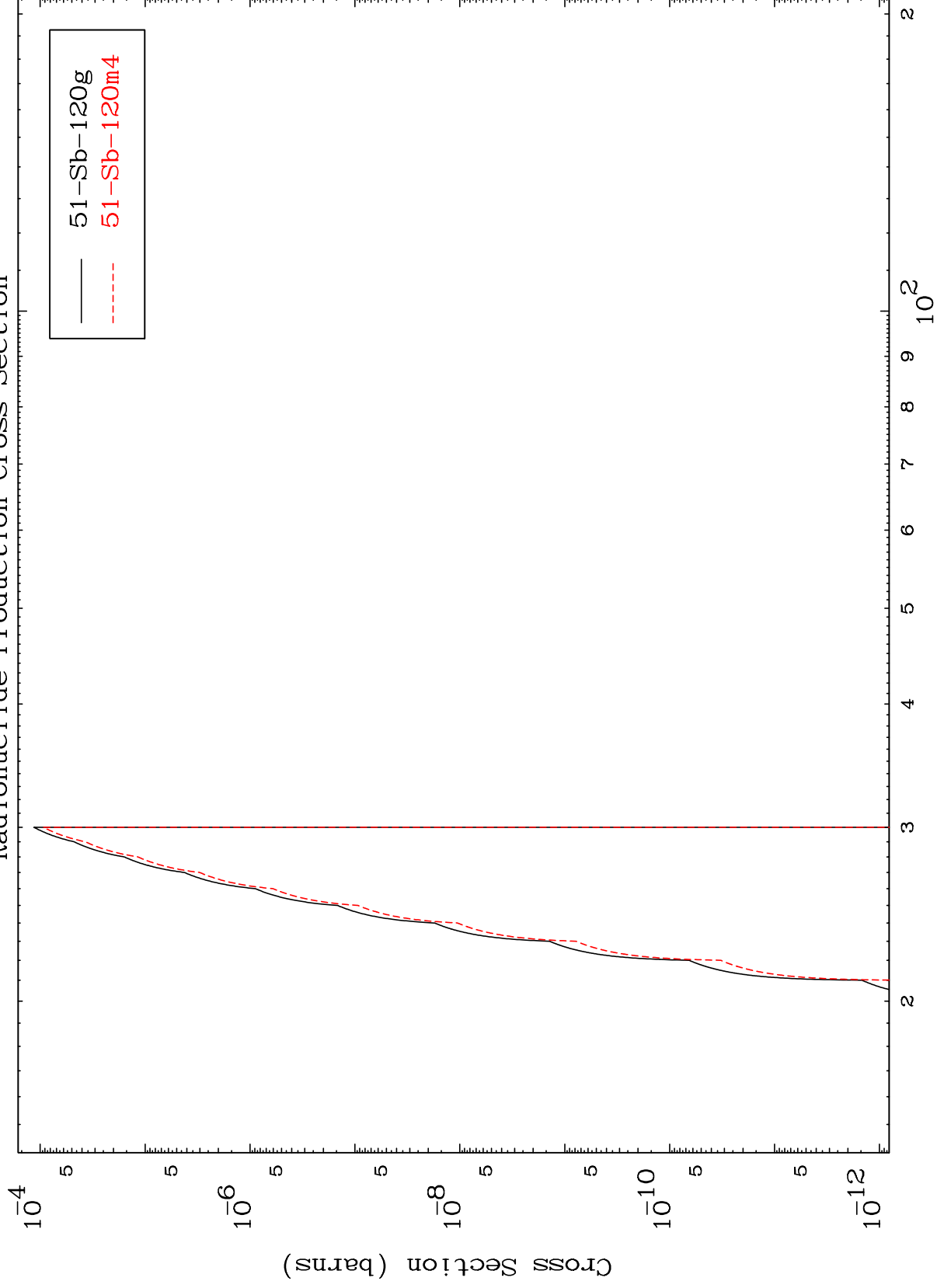


Radionuclide Production Cross Section





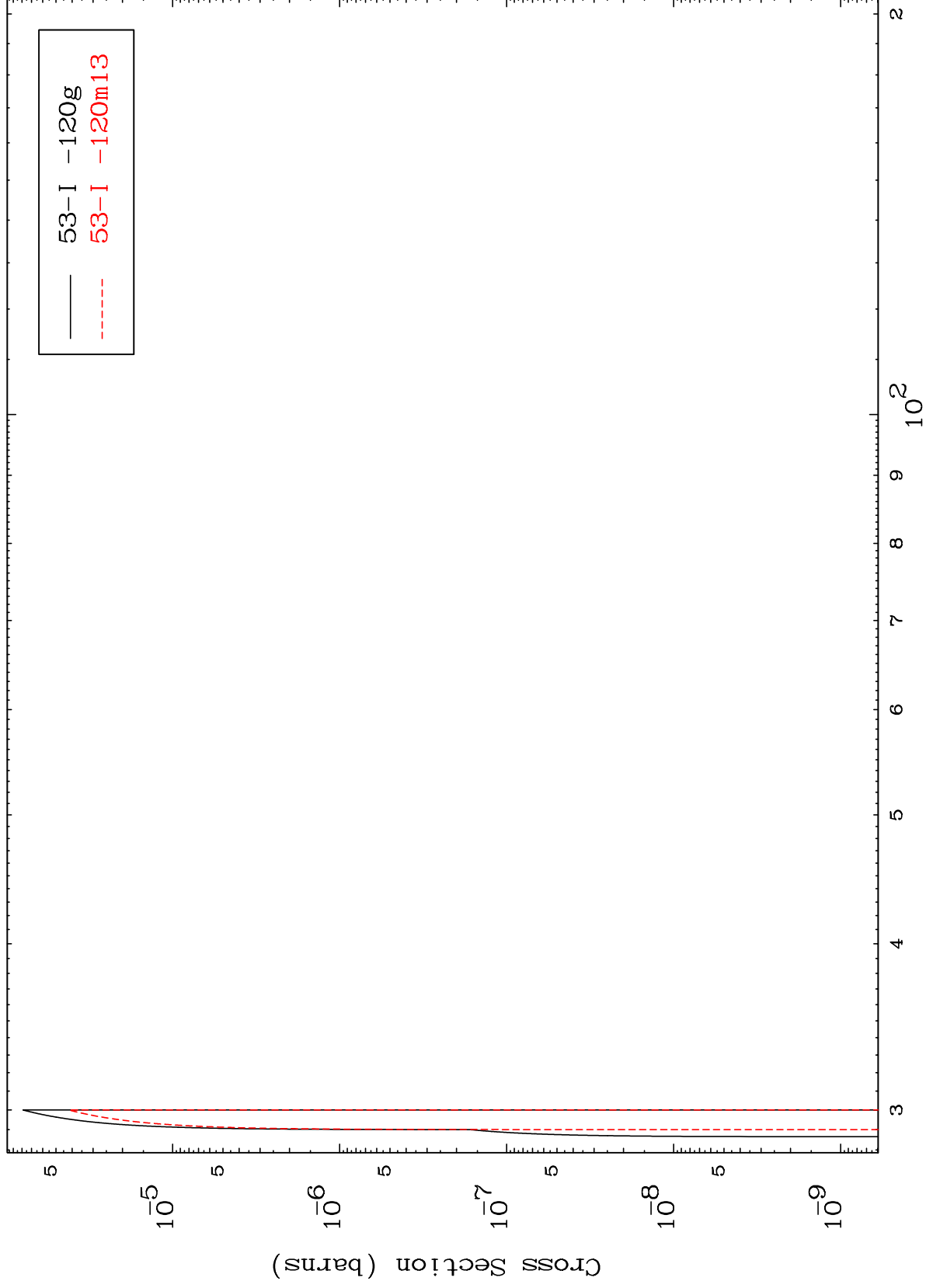
Radionuclide Production Cross Section



MAT 5313

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(n,4n)
Radionuclide Production Cross Section



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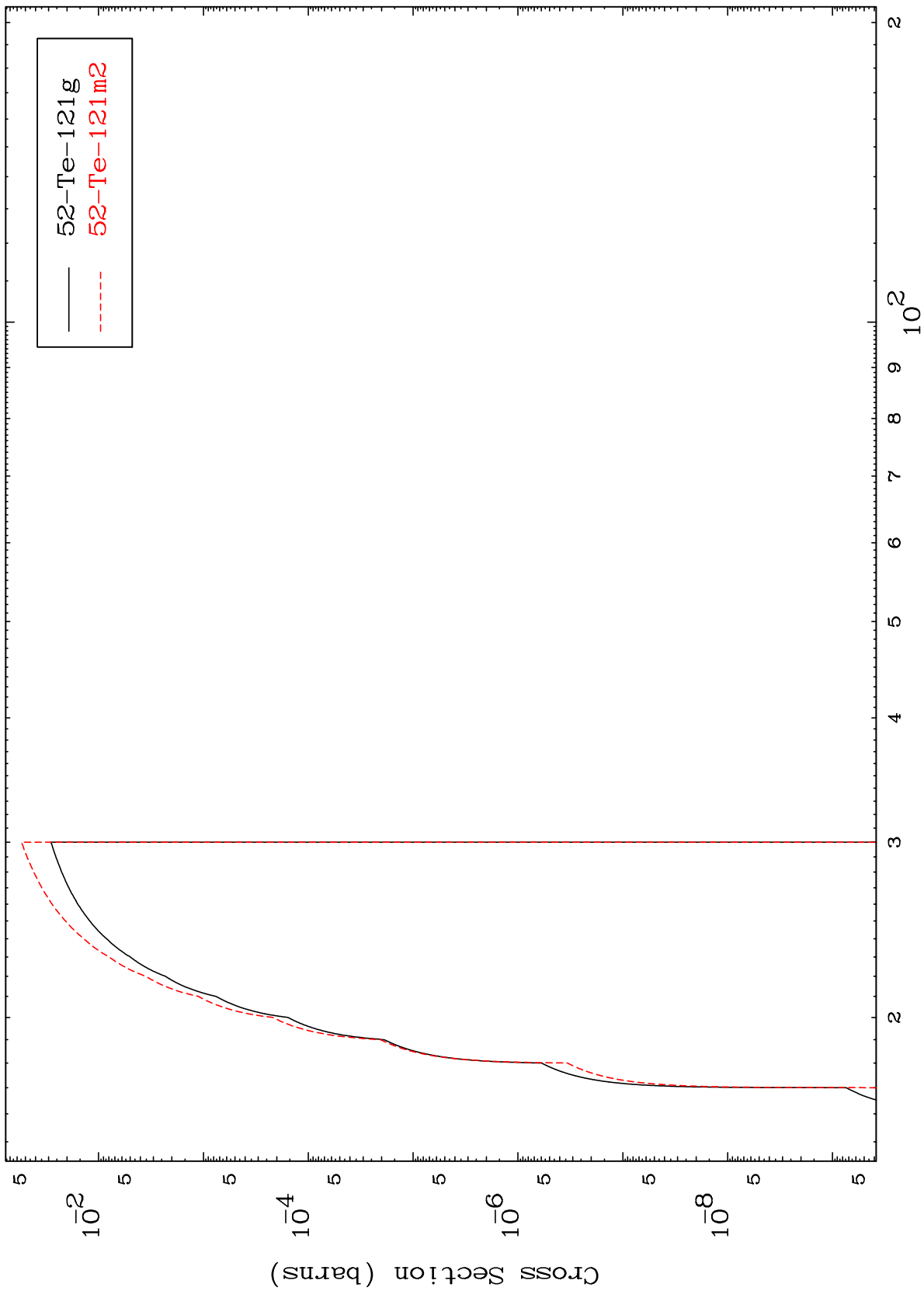
53-I -123

Incident Energy (MeV)

MAT 5313

53-I -123

(n,2n) p
Radionuclide Production Cross Section

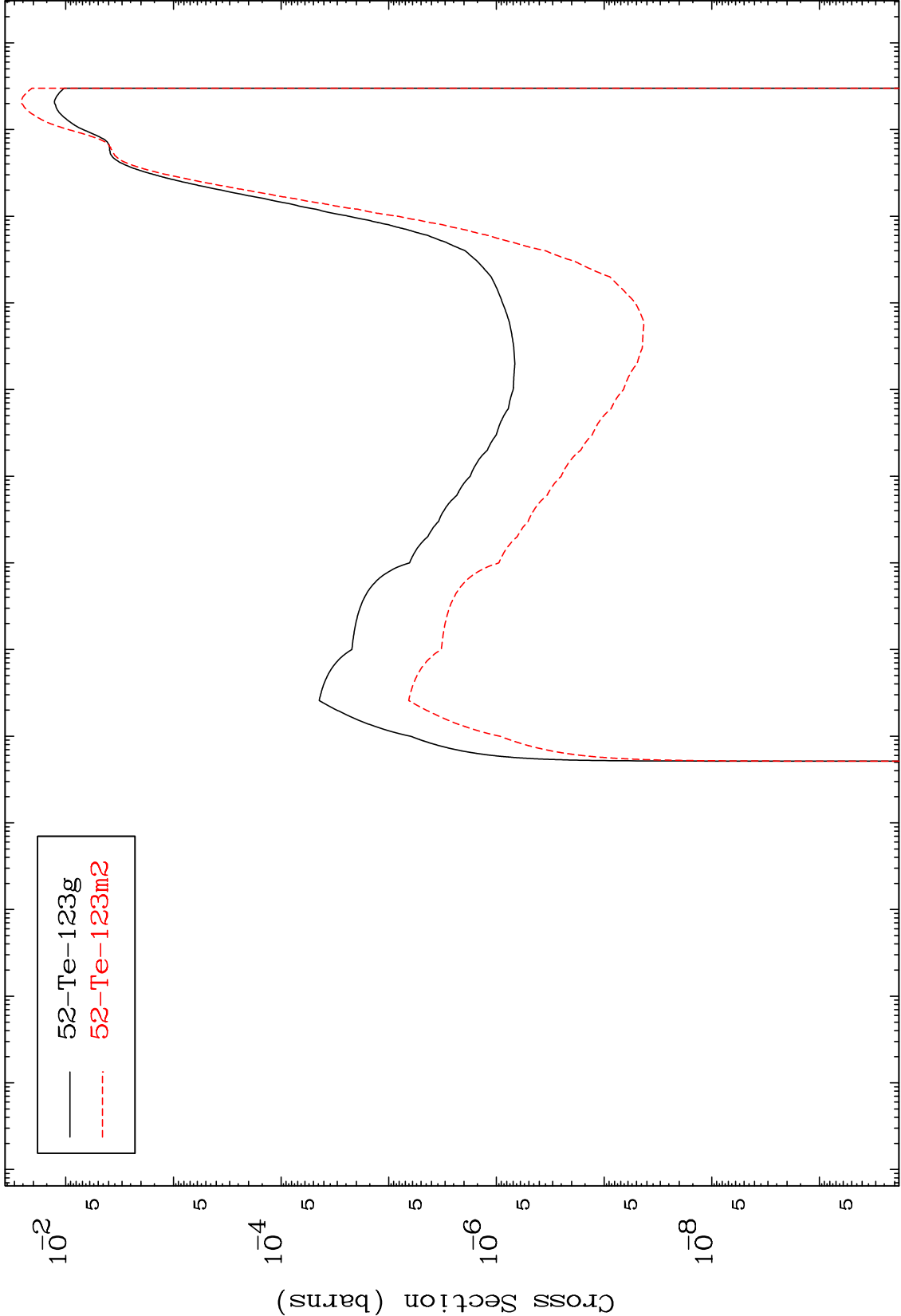


53-I -123

Incident Energy (MeV)

100

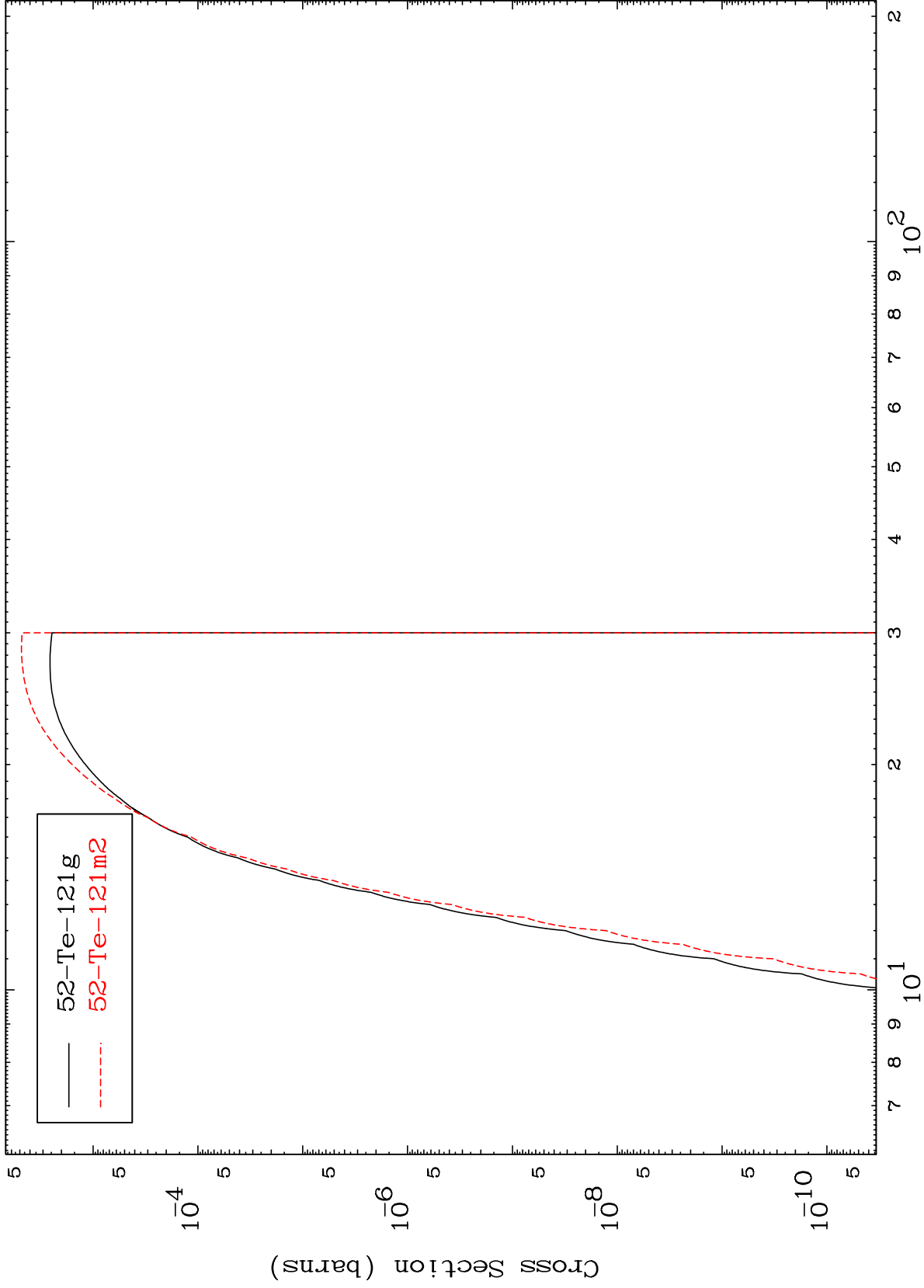
(n,p)
Radionuclide Production Cross Section



MAT 5313

53-I -123

Radionuclide Production Cross Section



102

Incident Energy (MeV)

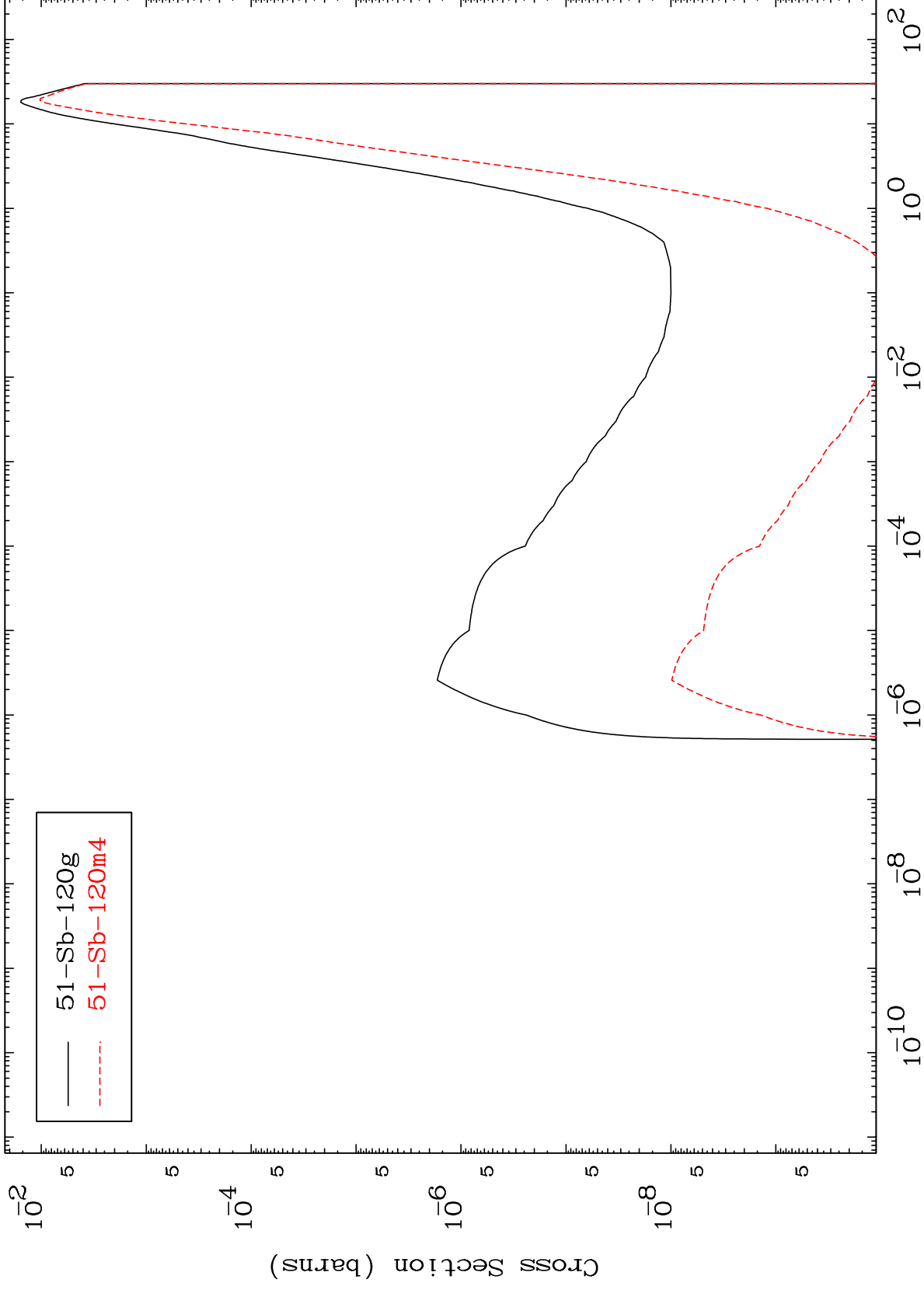
53-I -123

MAT 5313

(n, α)

53-I -123

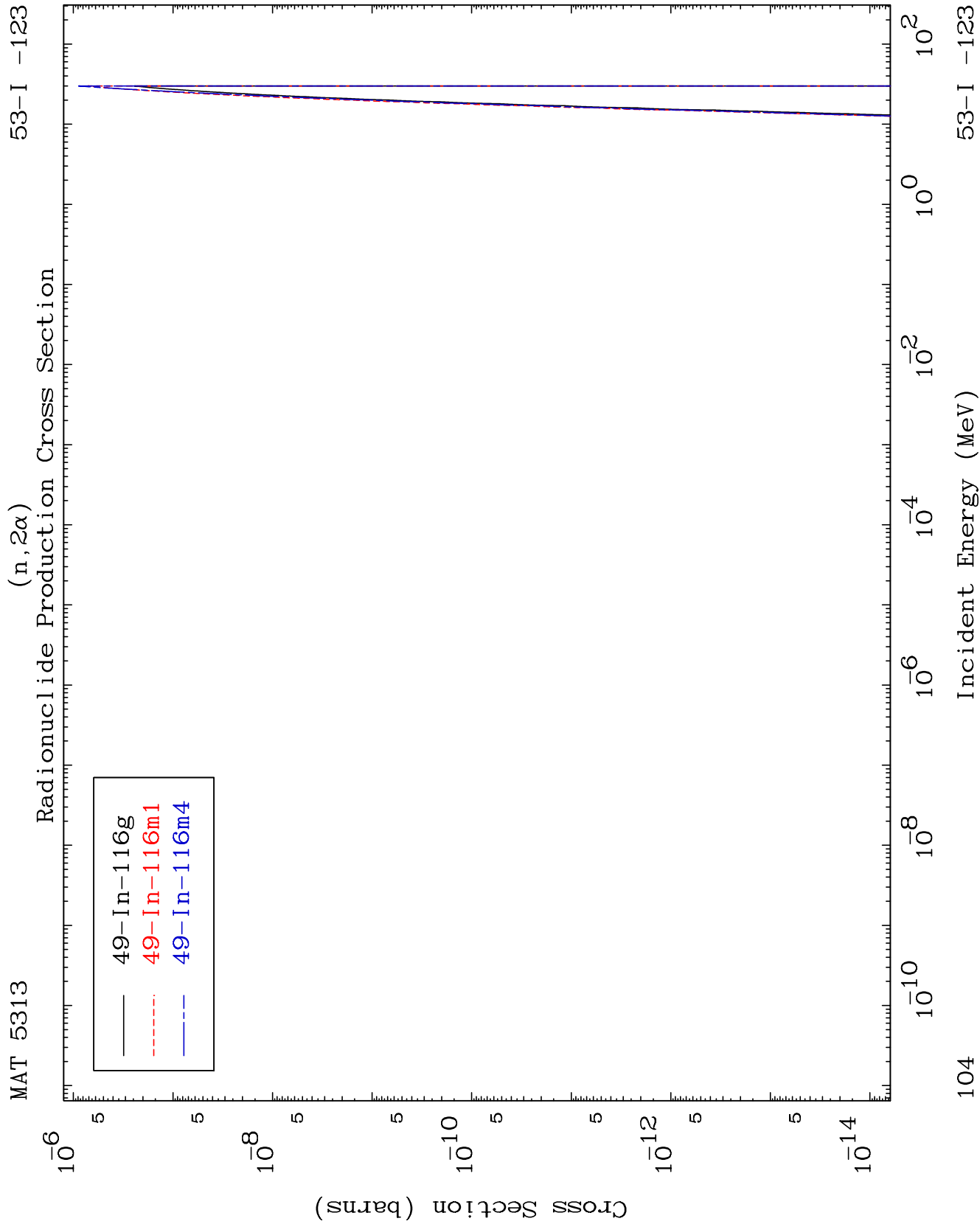
Radionuclide Production Cross Section



103

Incident Energy (MeV)

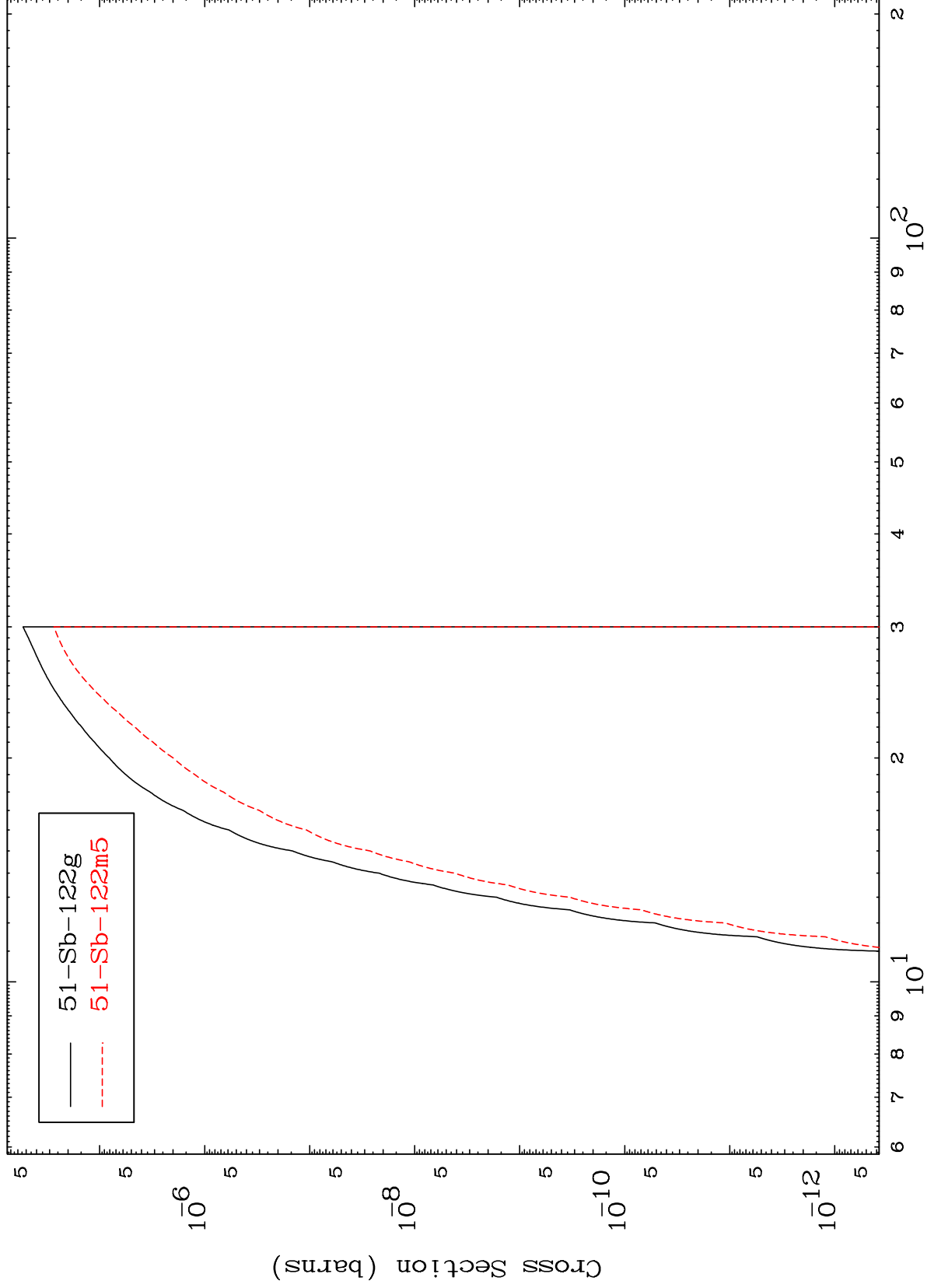
53-I -123



MAT 5313

53-I -123

Radionuclide Production Cross Section (n,2p)



Incident Energy (MeV)

53-I -123

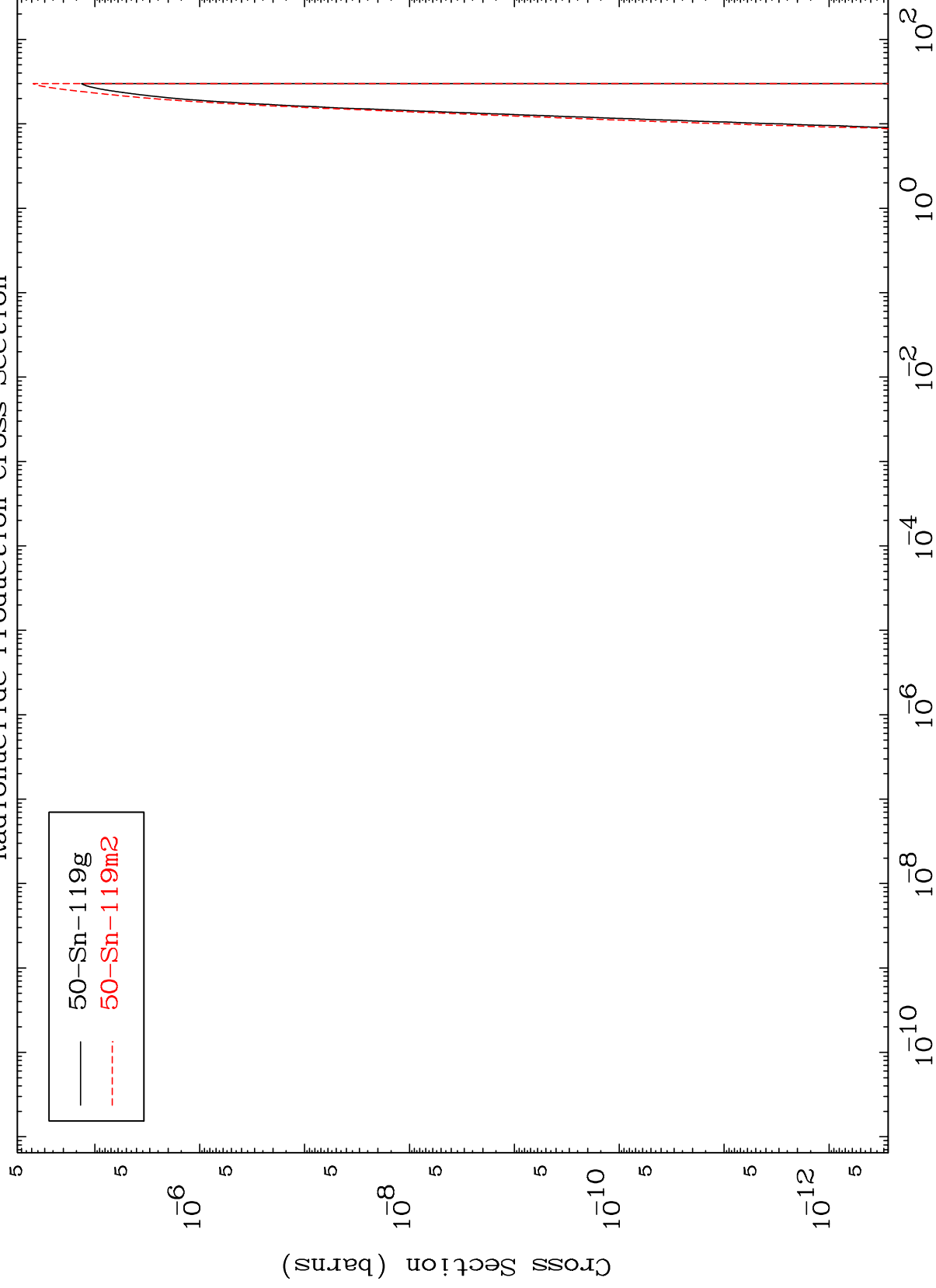
105

MAT 5313

(n,p) α

53-I -123

Radionuclide Production Cross Section



106

Incident Energy (MeV)

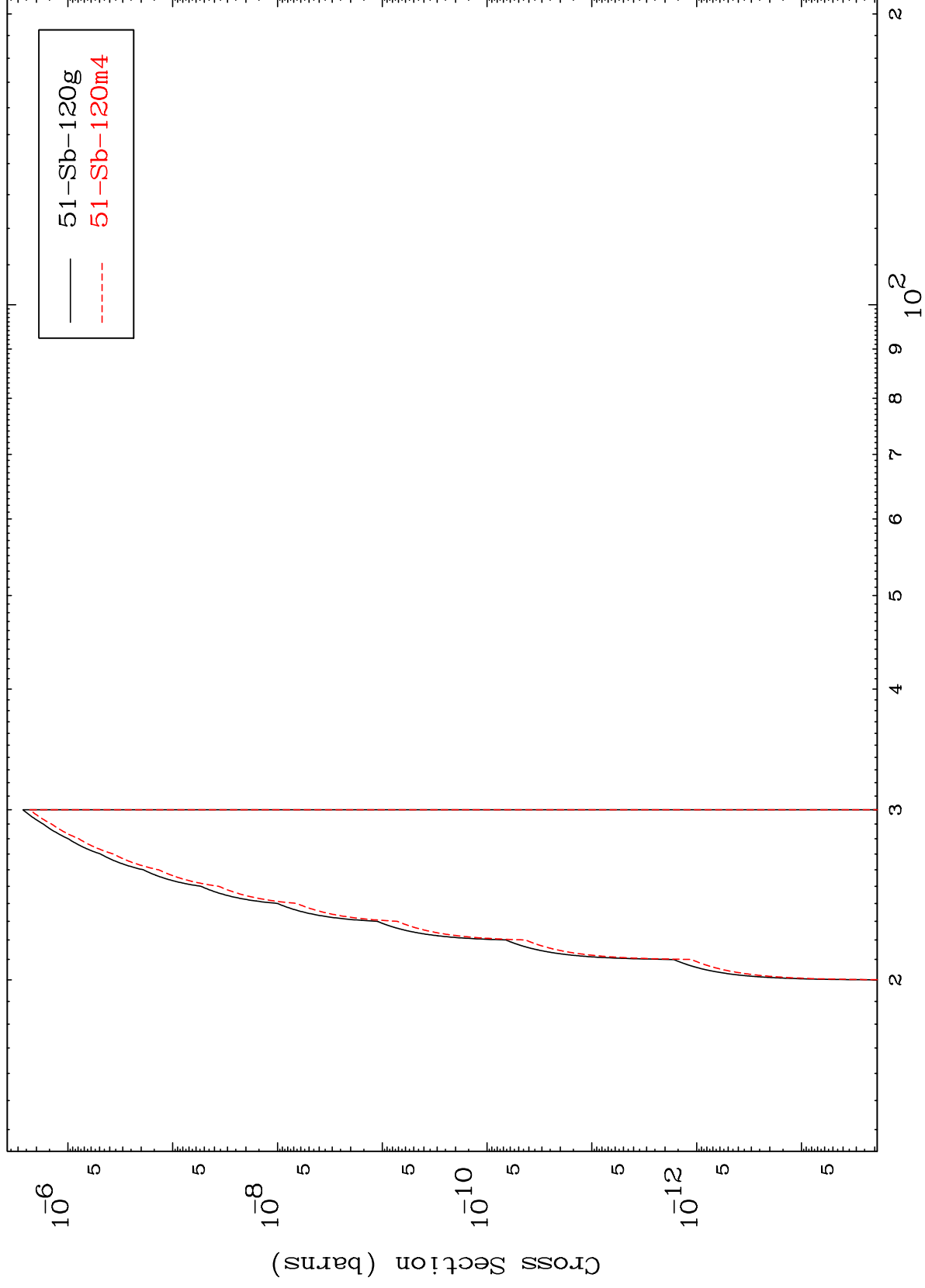
53-I -123

MAT 5313

(n,p) t

53-I -123

Radionuclide Production Cross Section



107

Incident Energy (MeV)

53-I -123