

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

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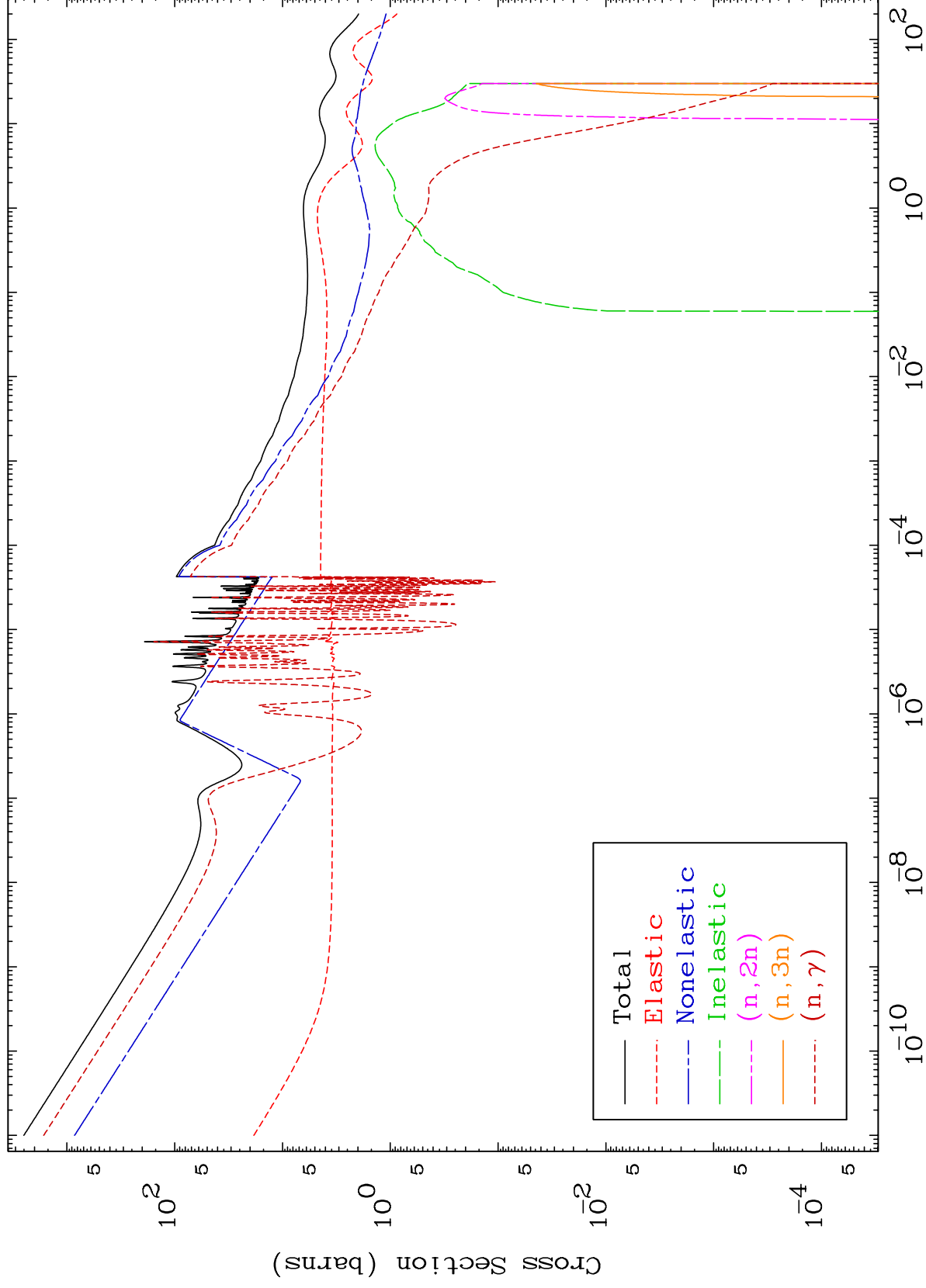
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5295

Neutron Major
293 Kelvin Cross Sections

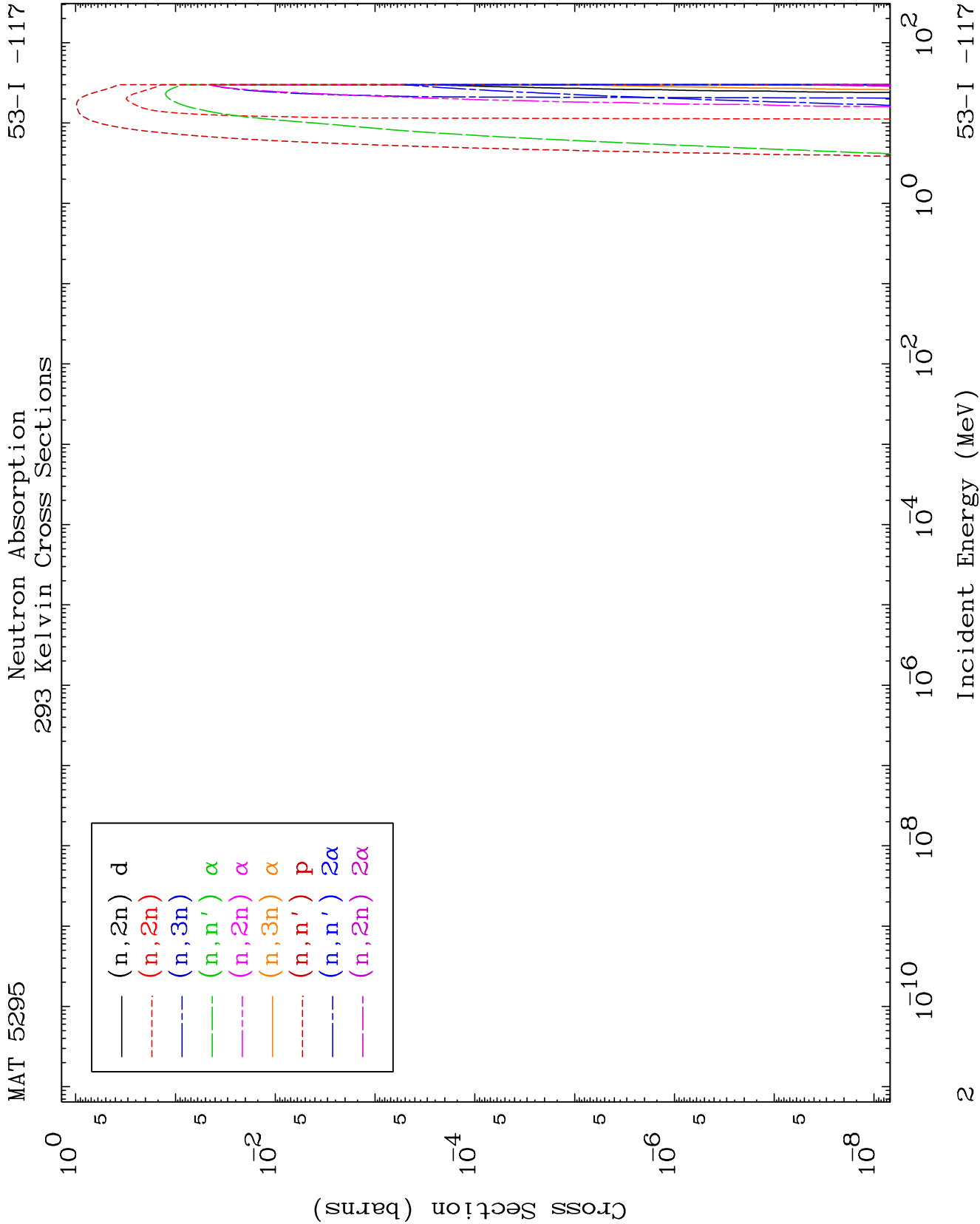
53-I -117

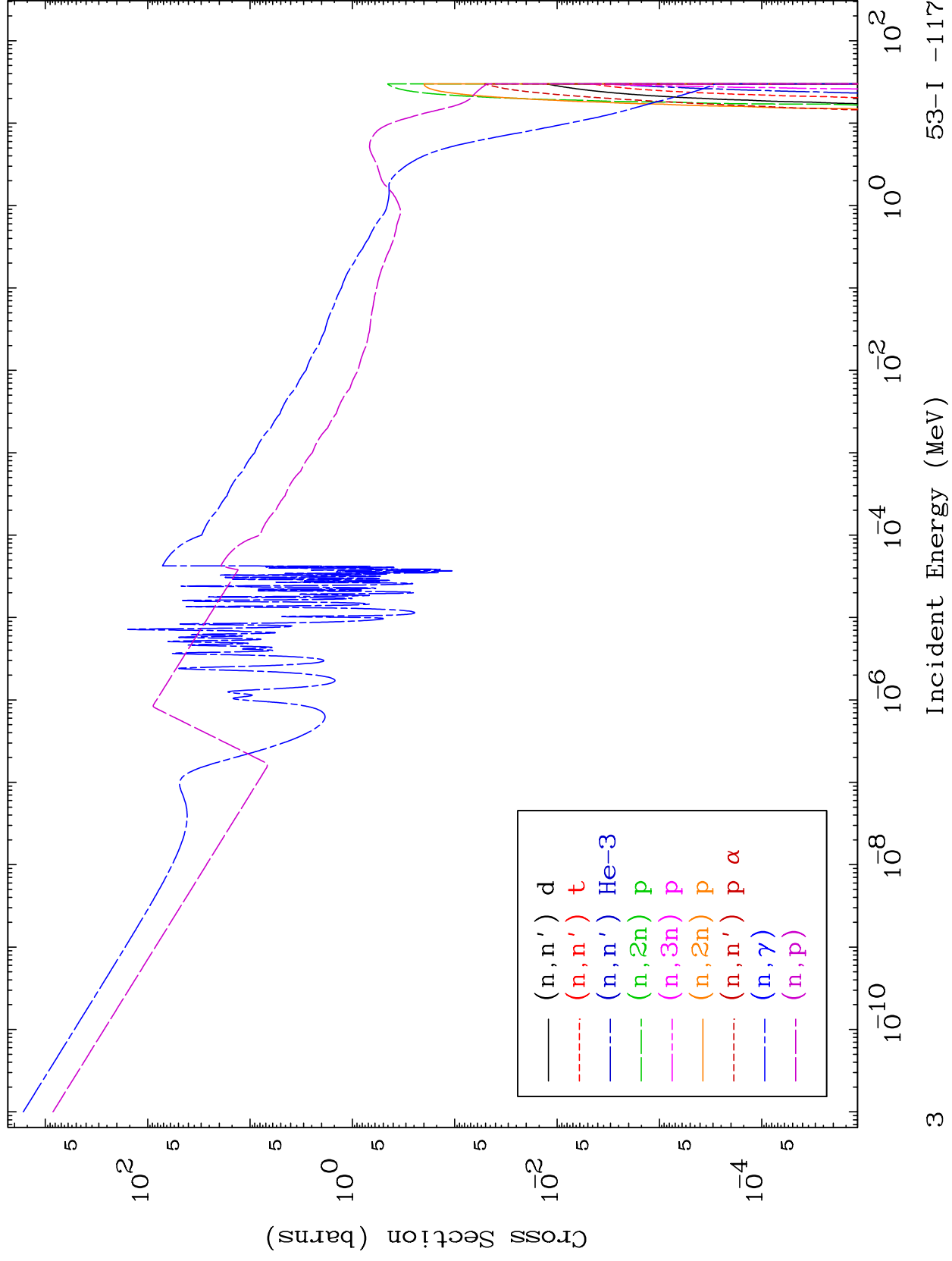


1

Incident Energy (MeV)

53-I -117

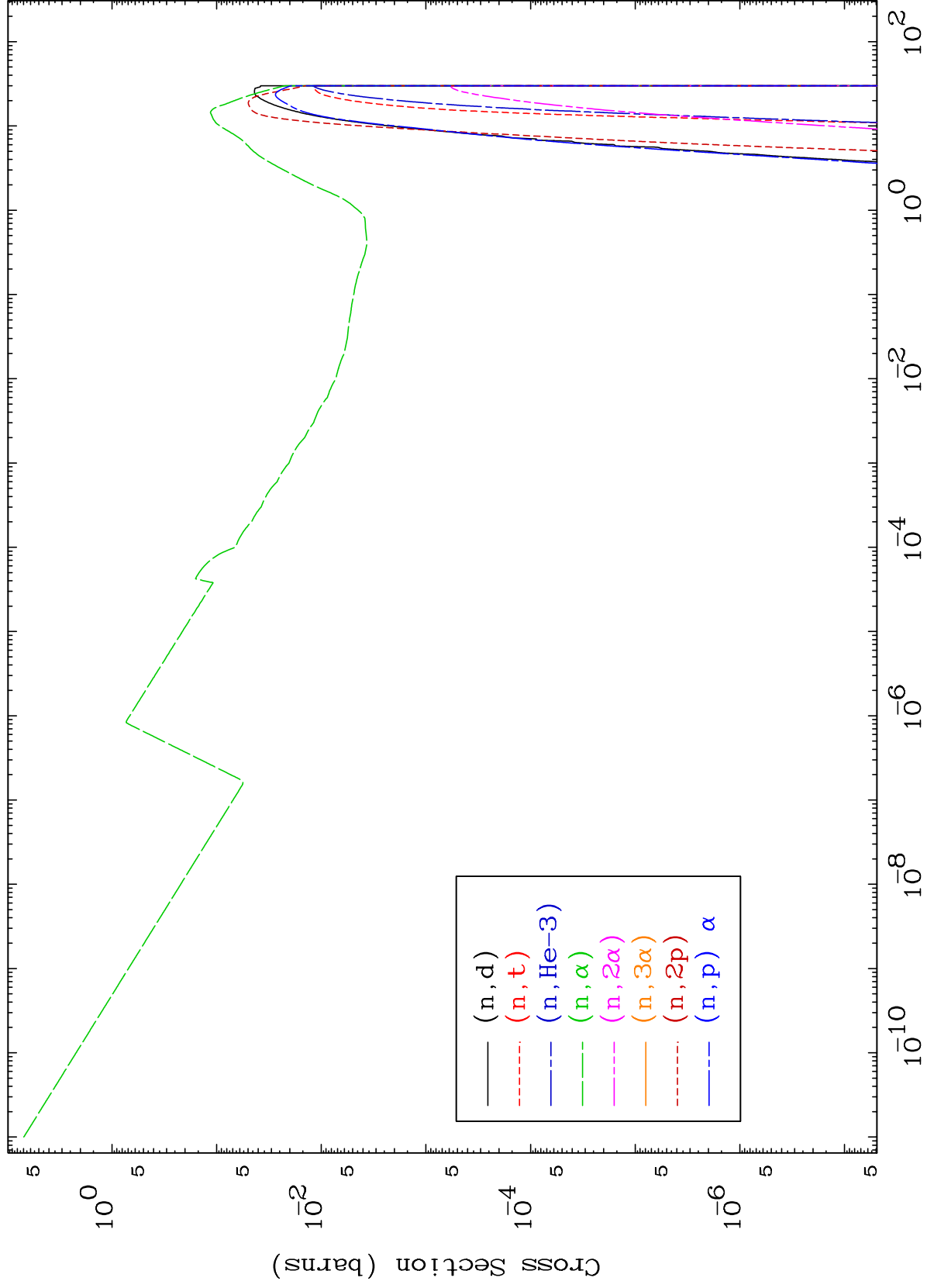


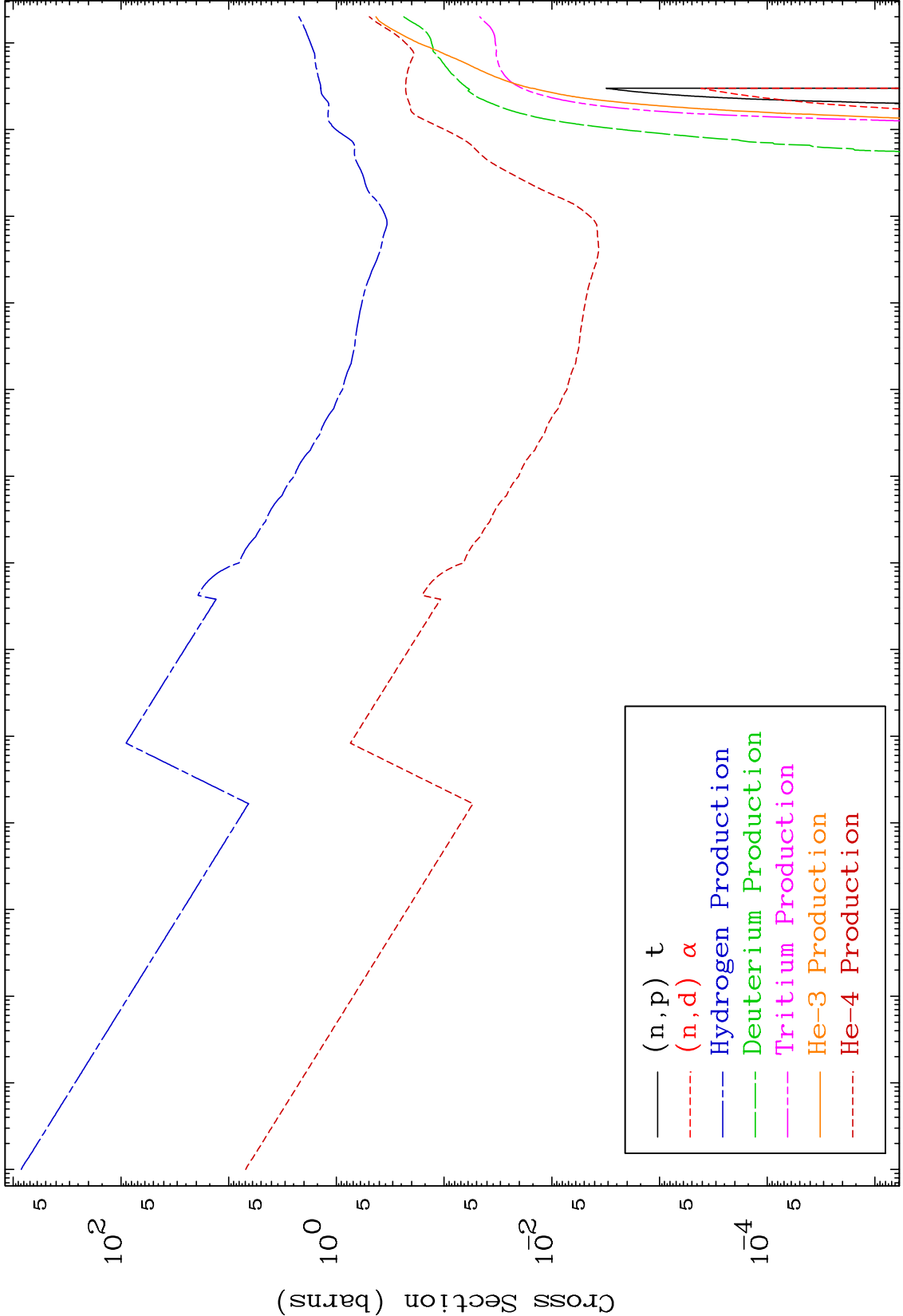


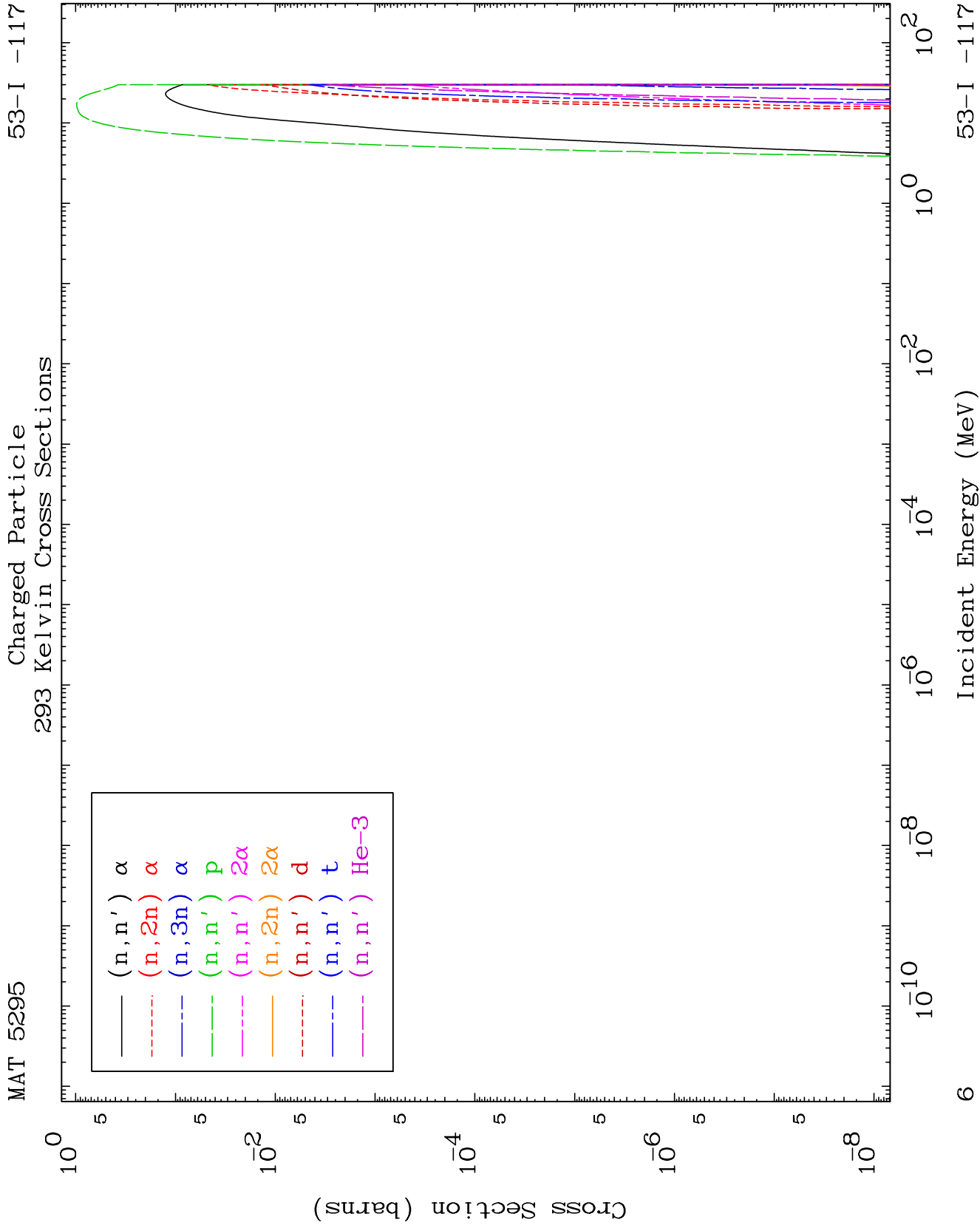
MAT 5295

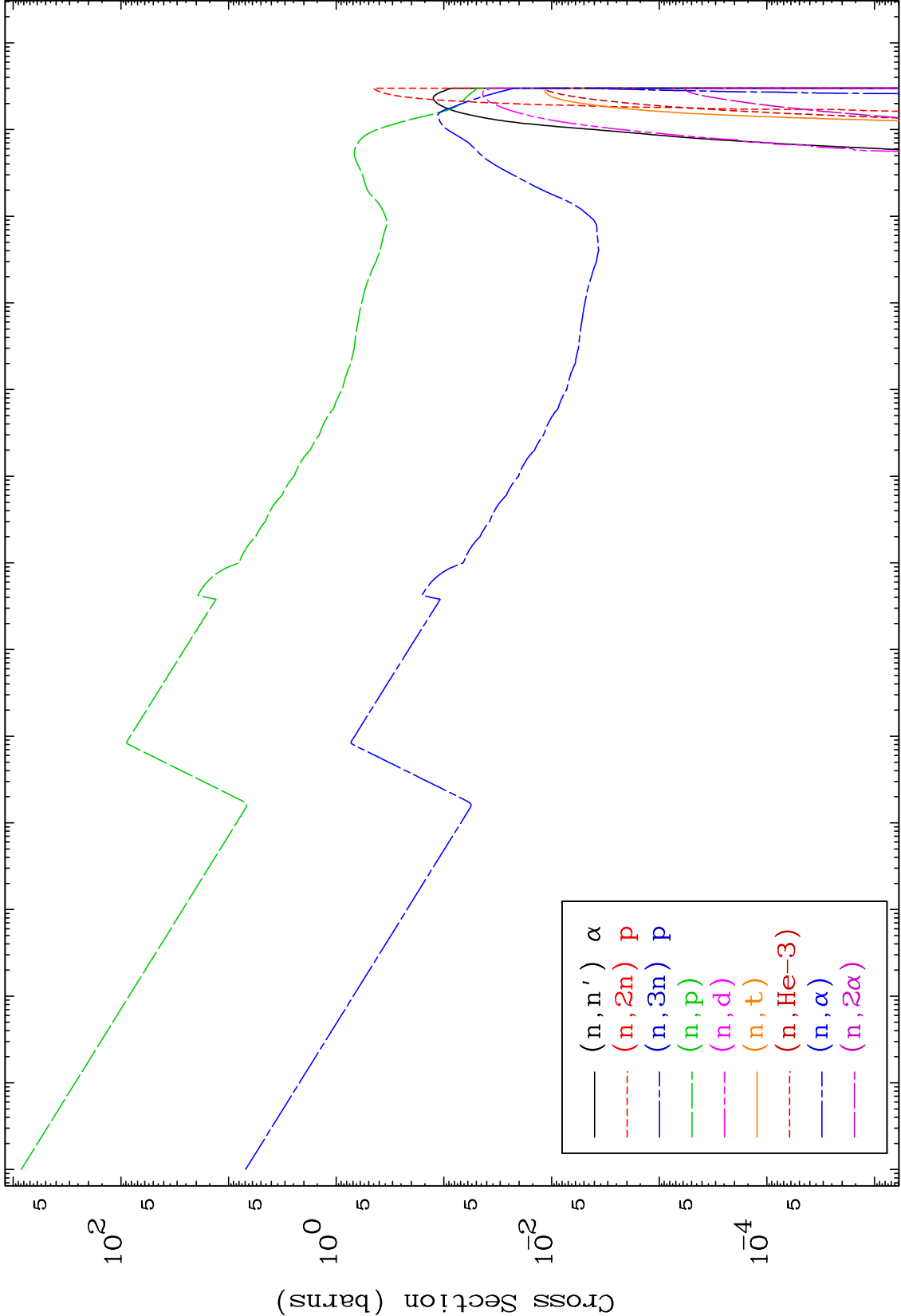
Neutron Absorption
293 Kelvin Cross Sections

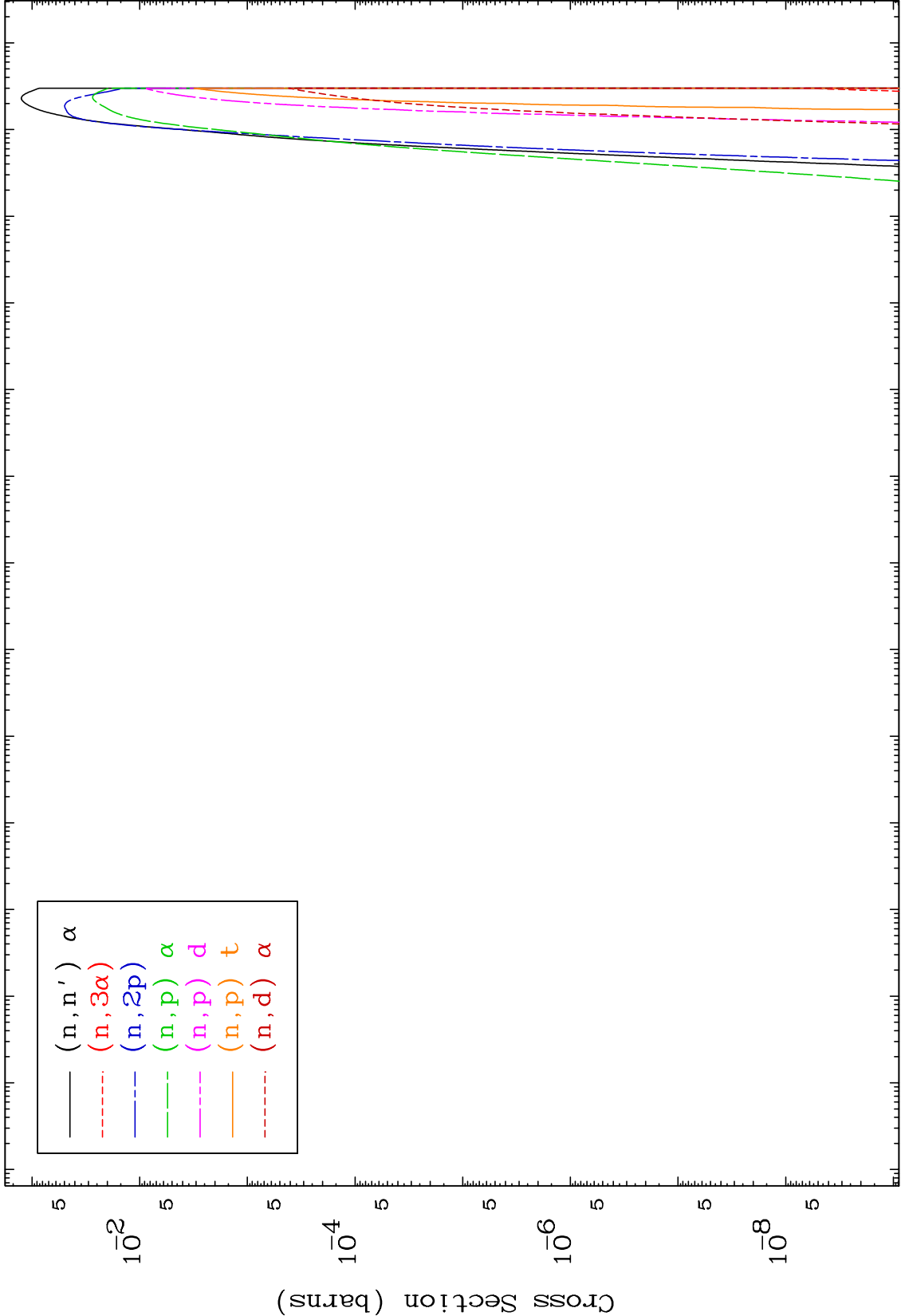
53-I -117

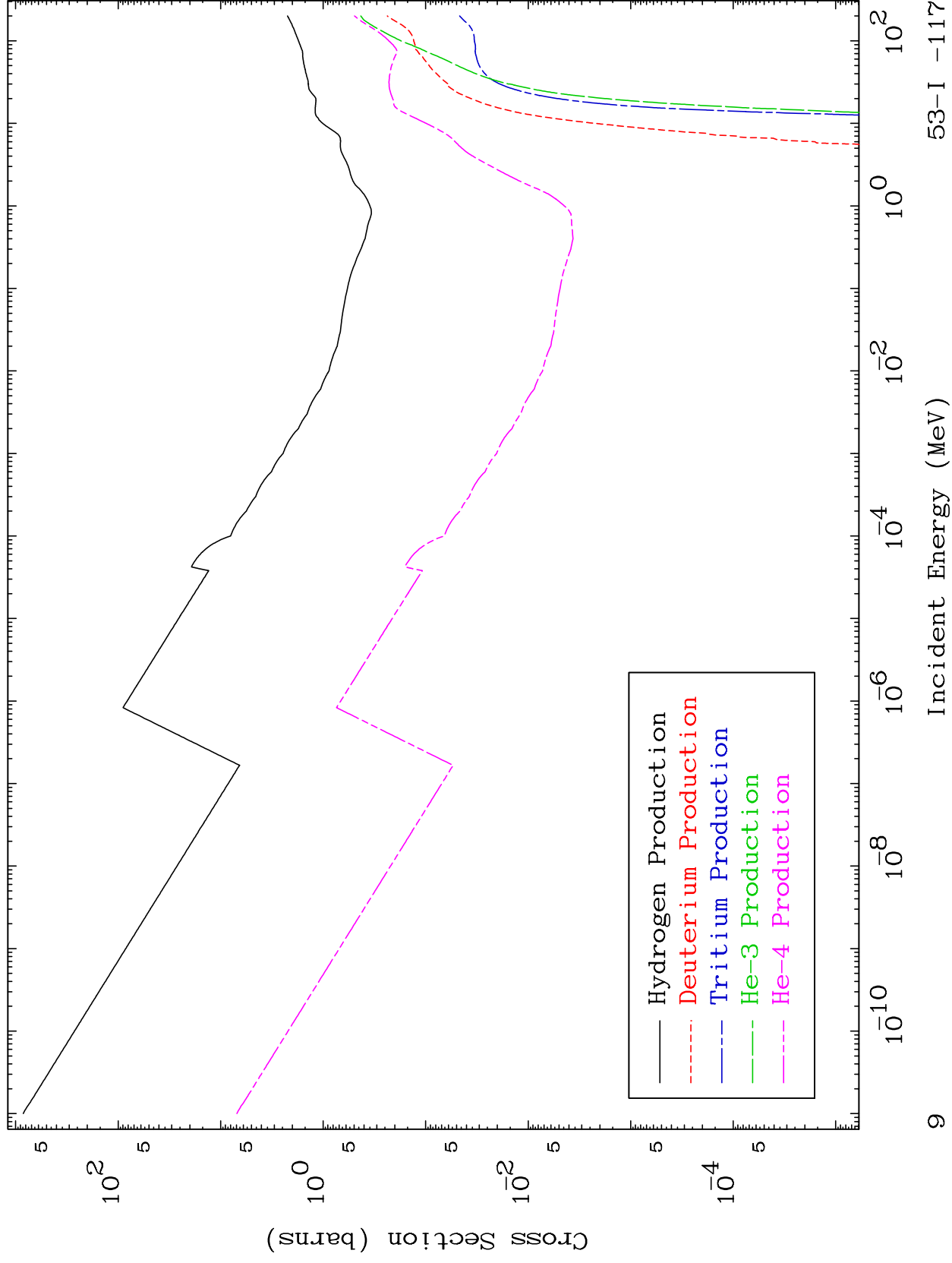








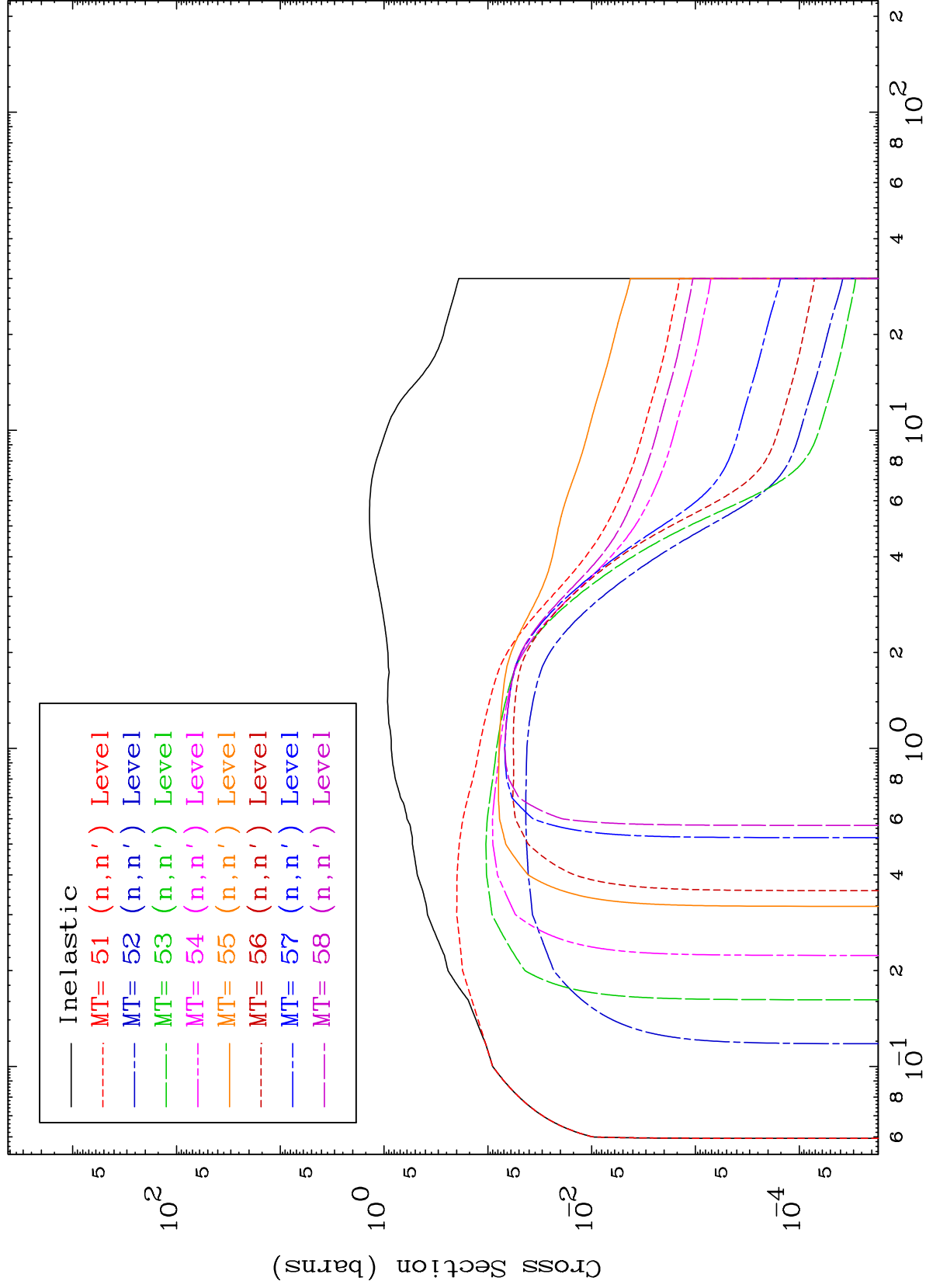




MAT 5295

(n,n') Levels
293 Kelvin Cross Sections

53-I -117

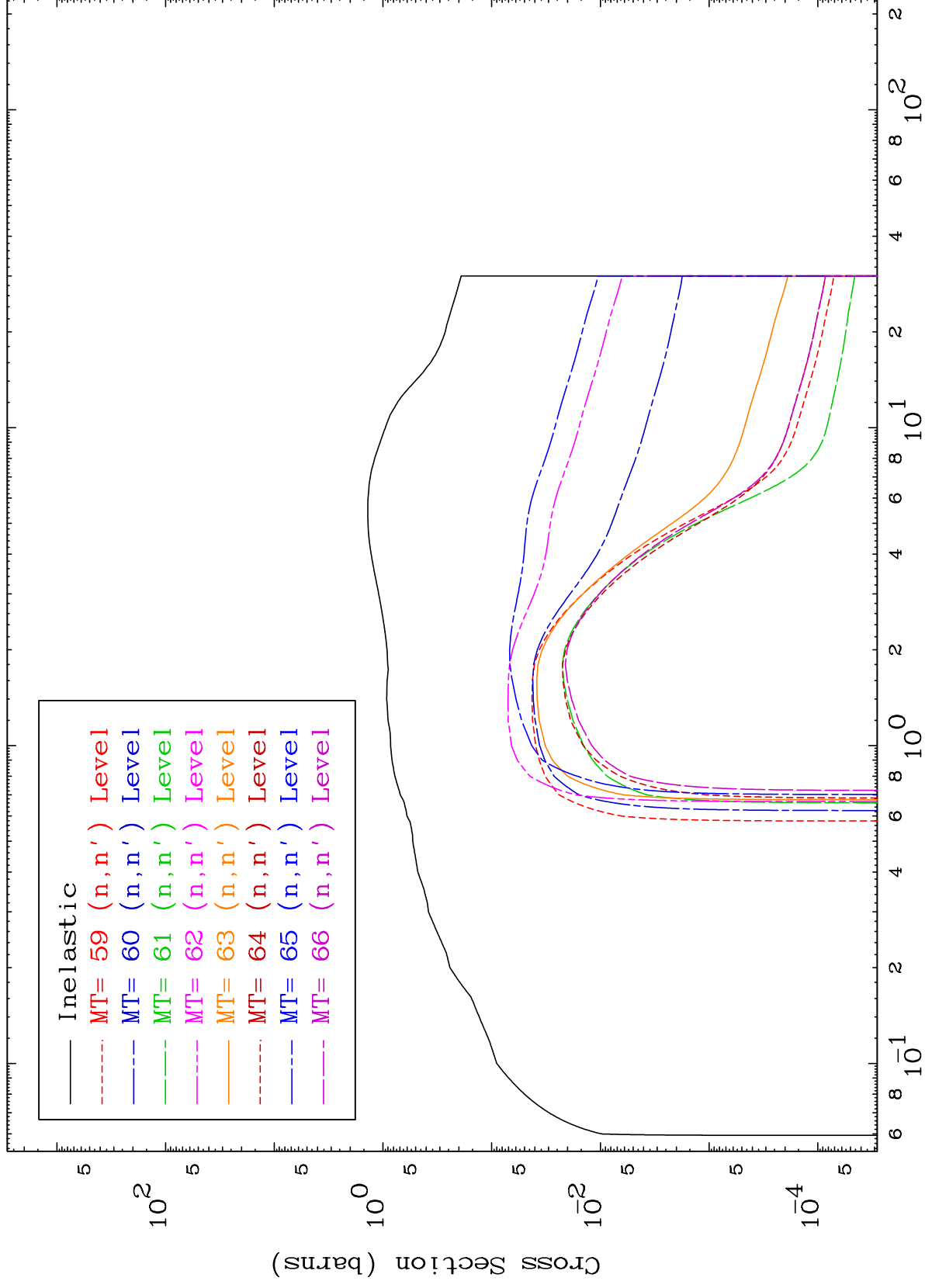


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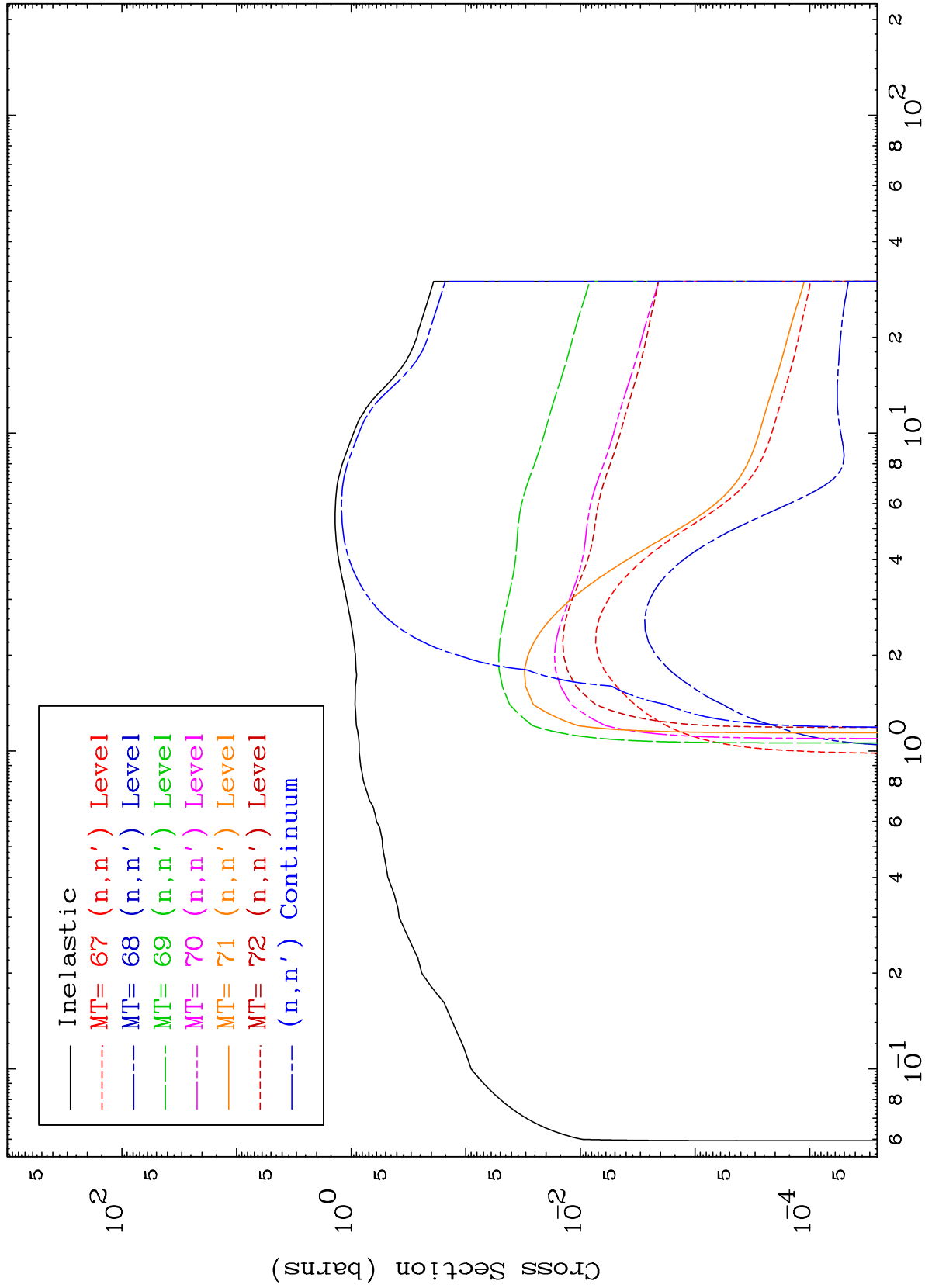
Incident Energy (MeV)

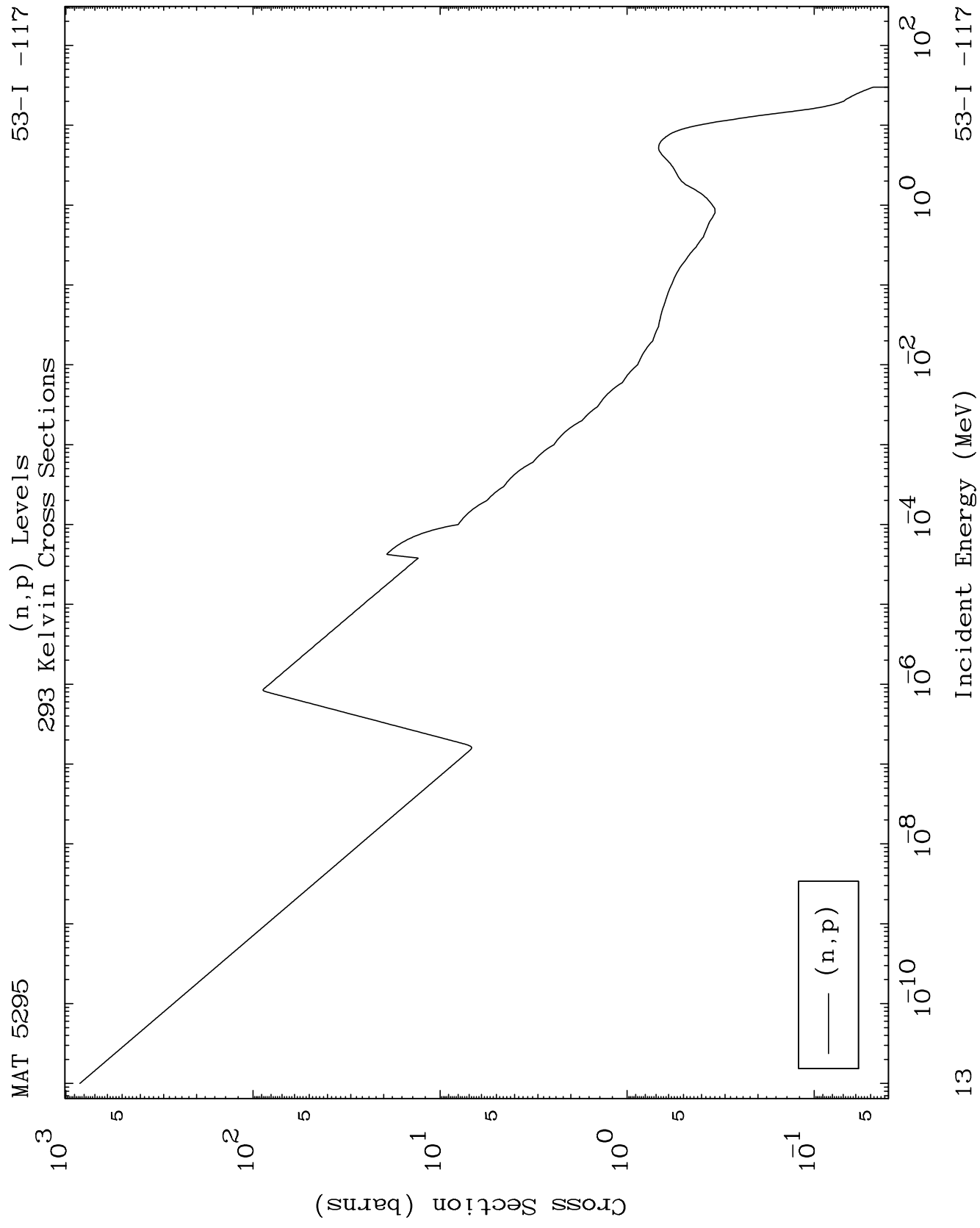
53-I -117

(n,n') Levels
293 Kelvin Cross Sections



(n,n') Levels
293 Kelvin Cross Sections

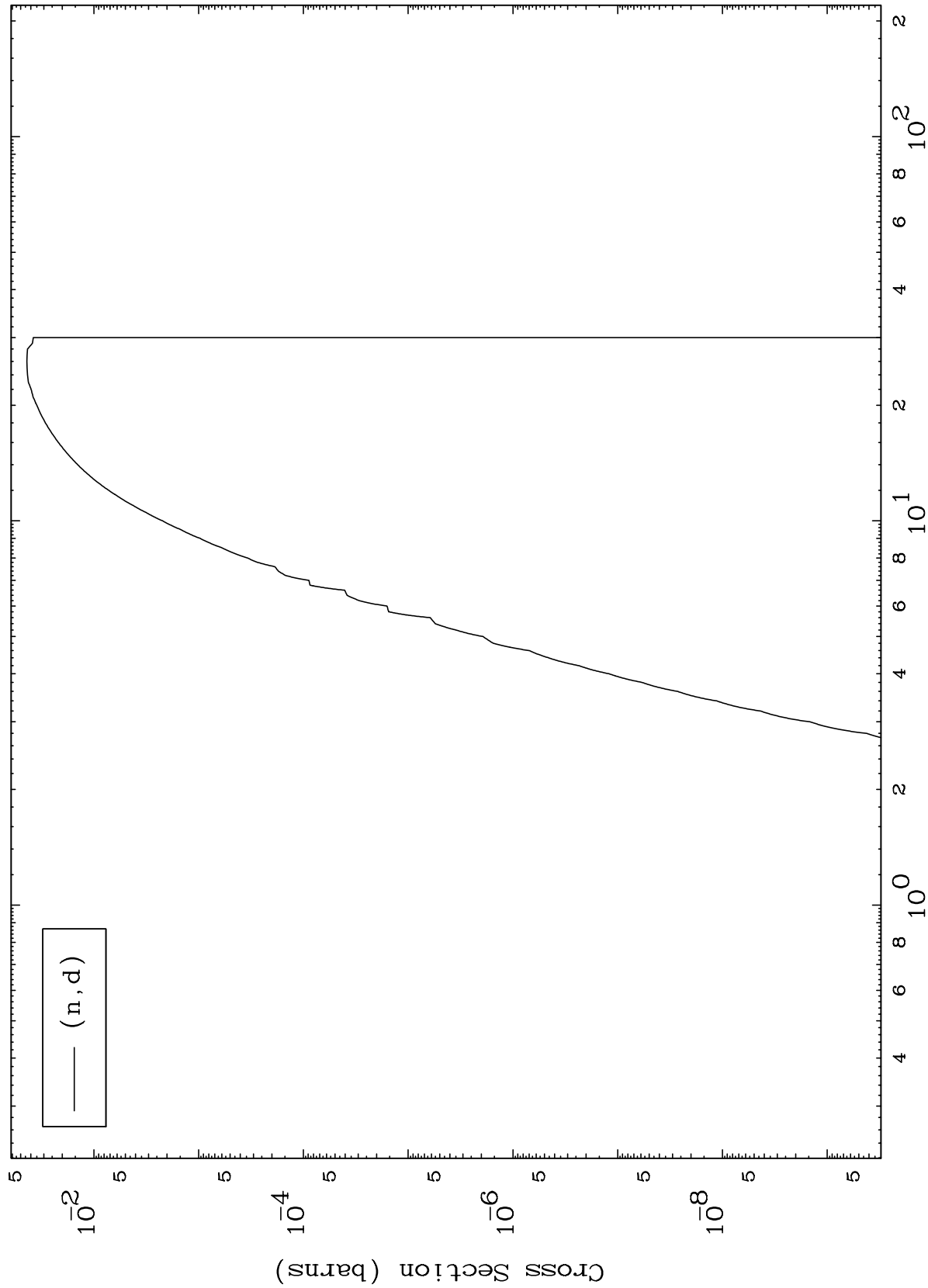




MAT 5295

53-I -117

(n,d) Levels
293 Kelvin Cross Sections



14

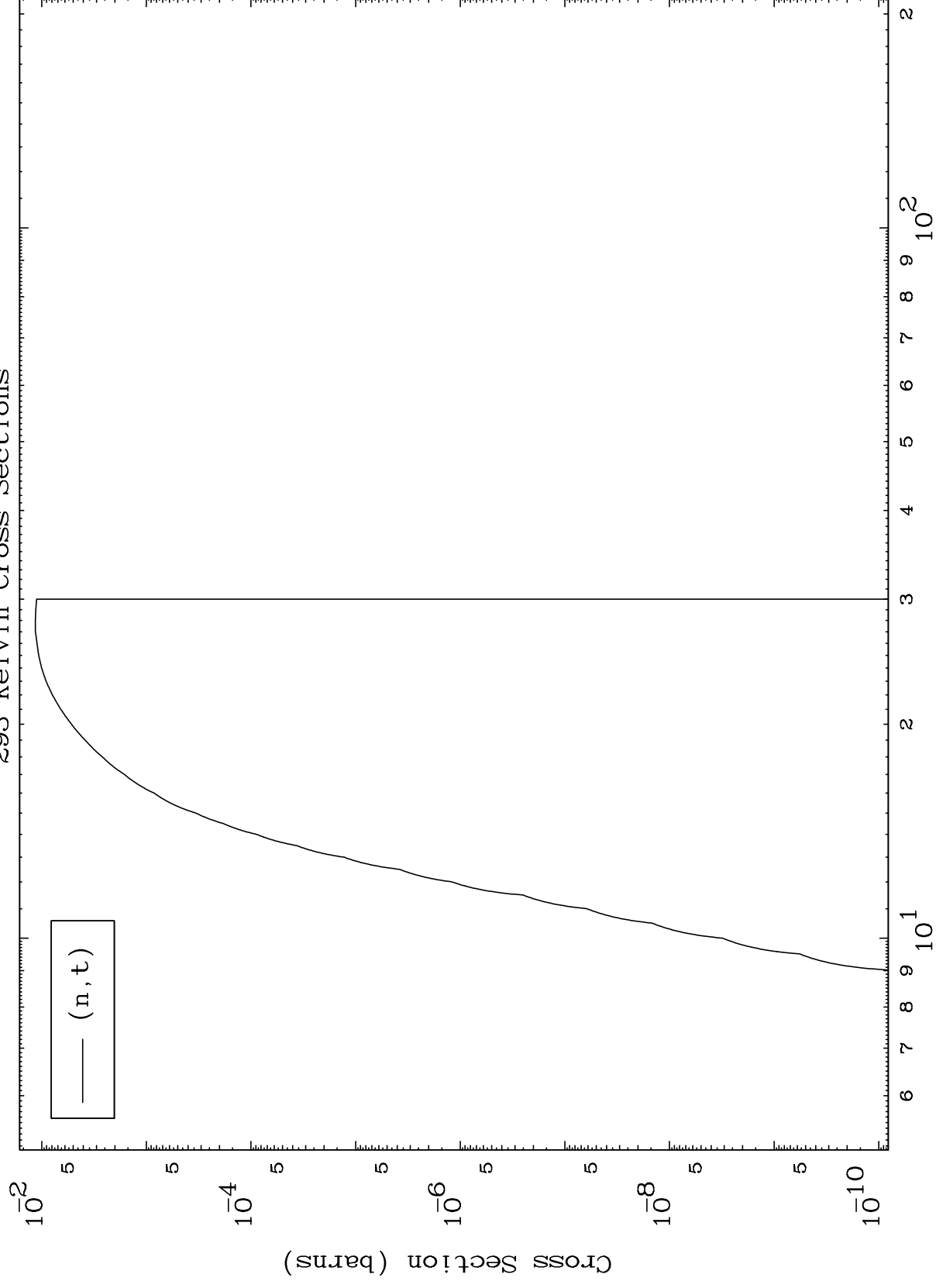
Incident Energy (MeV)

53-I -117

MAT 5295

53-I -117

(n, t) Levels
293 Kelvin Cross Sections



15

Incident Energy (MeV)

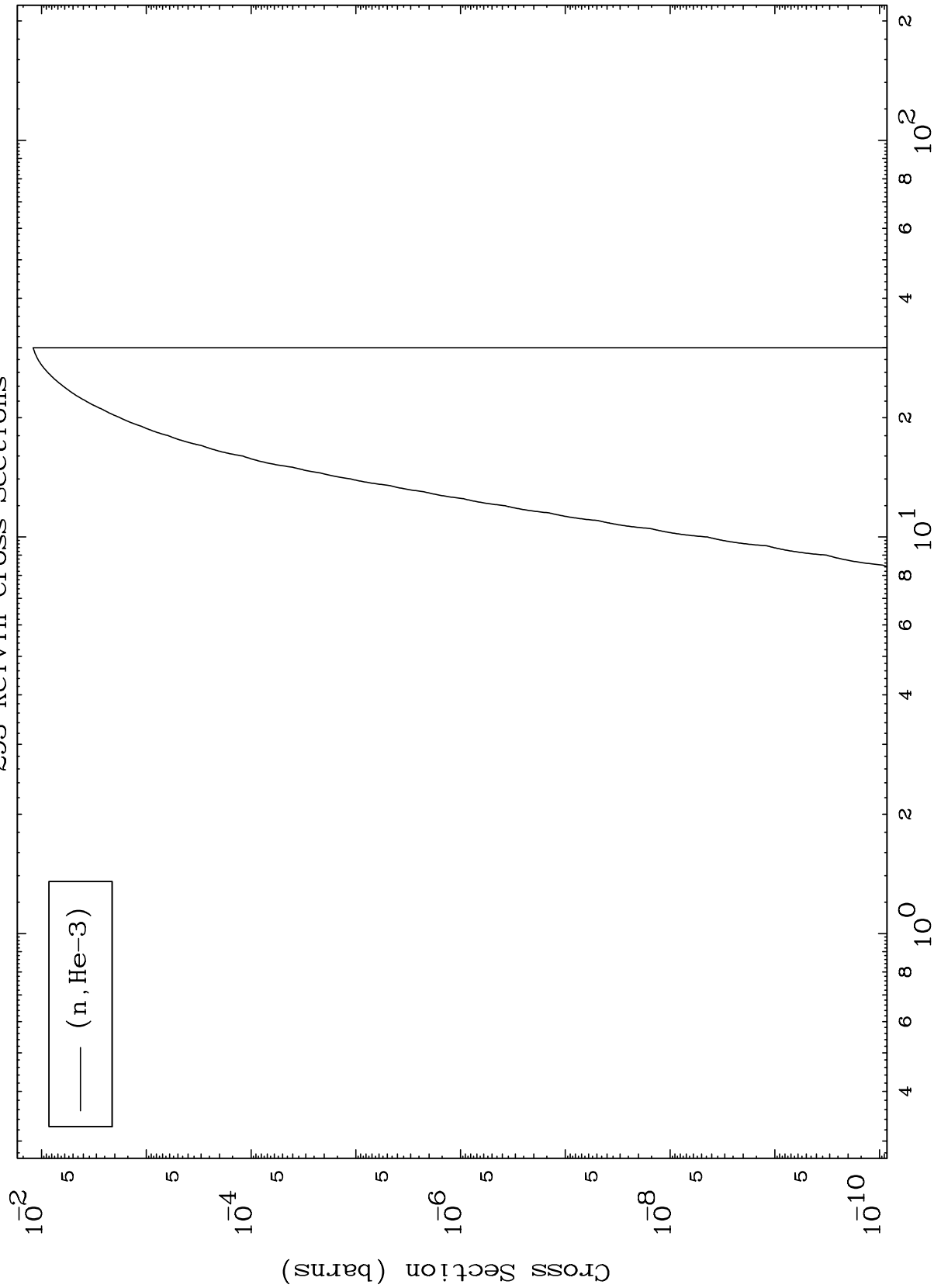
53-I -117

MAT 5295

(n,He3) Levels

53-I -117

293 Kelvin Cross Sections



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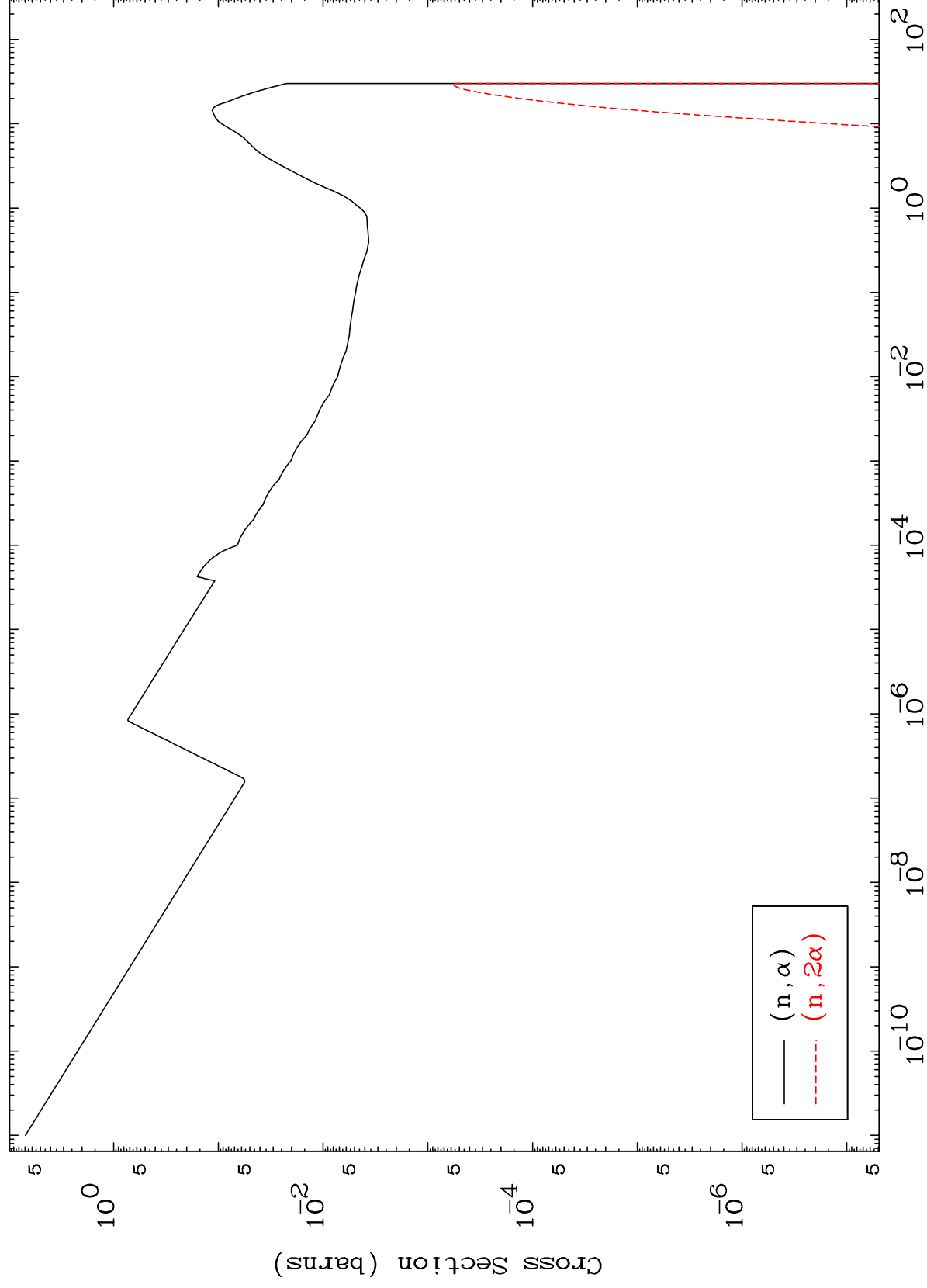
Incident Energy (MeV)

53-I -117

MAT 5295

(n, α) Levels
293 Kelvin Cross Sections

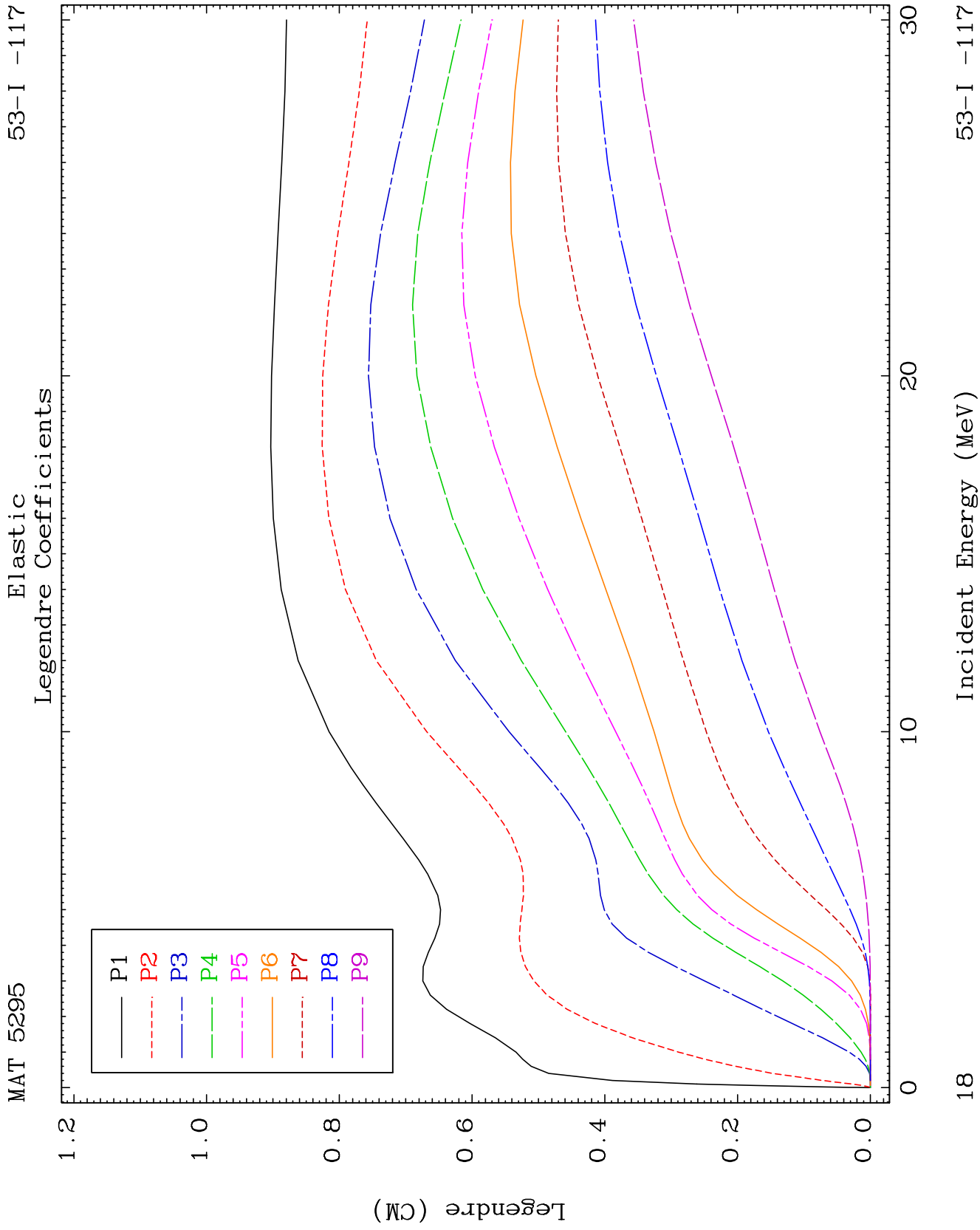
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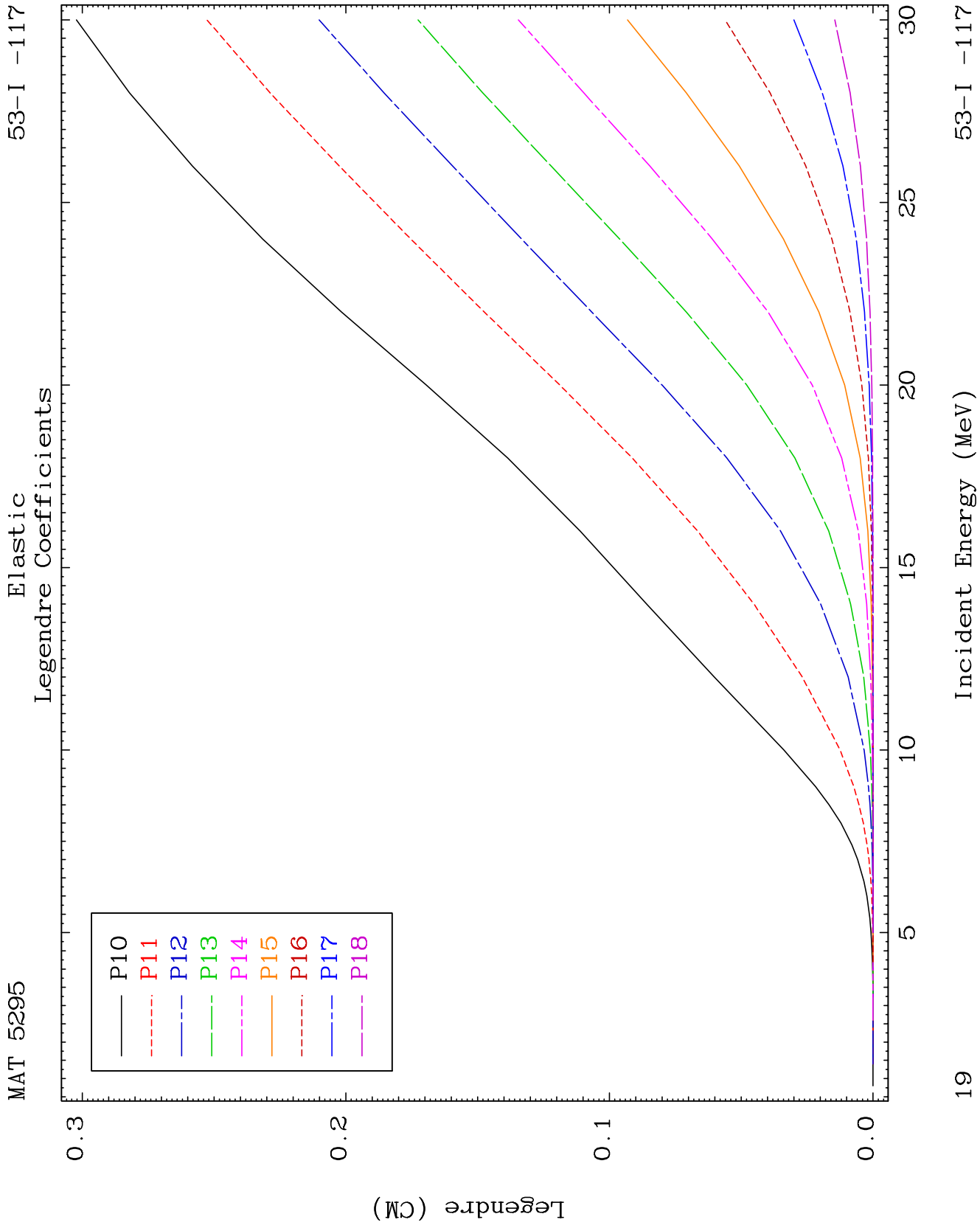


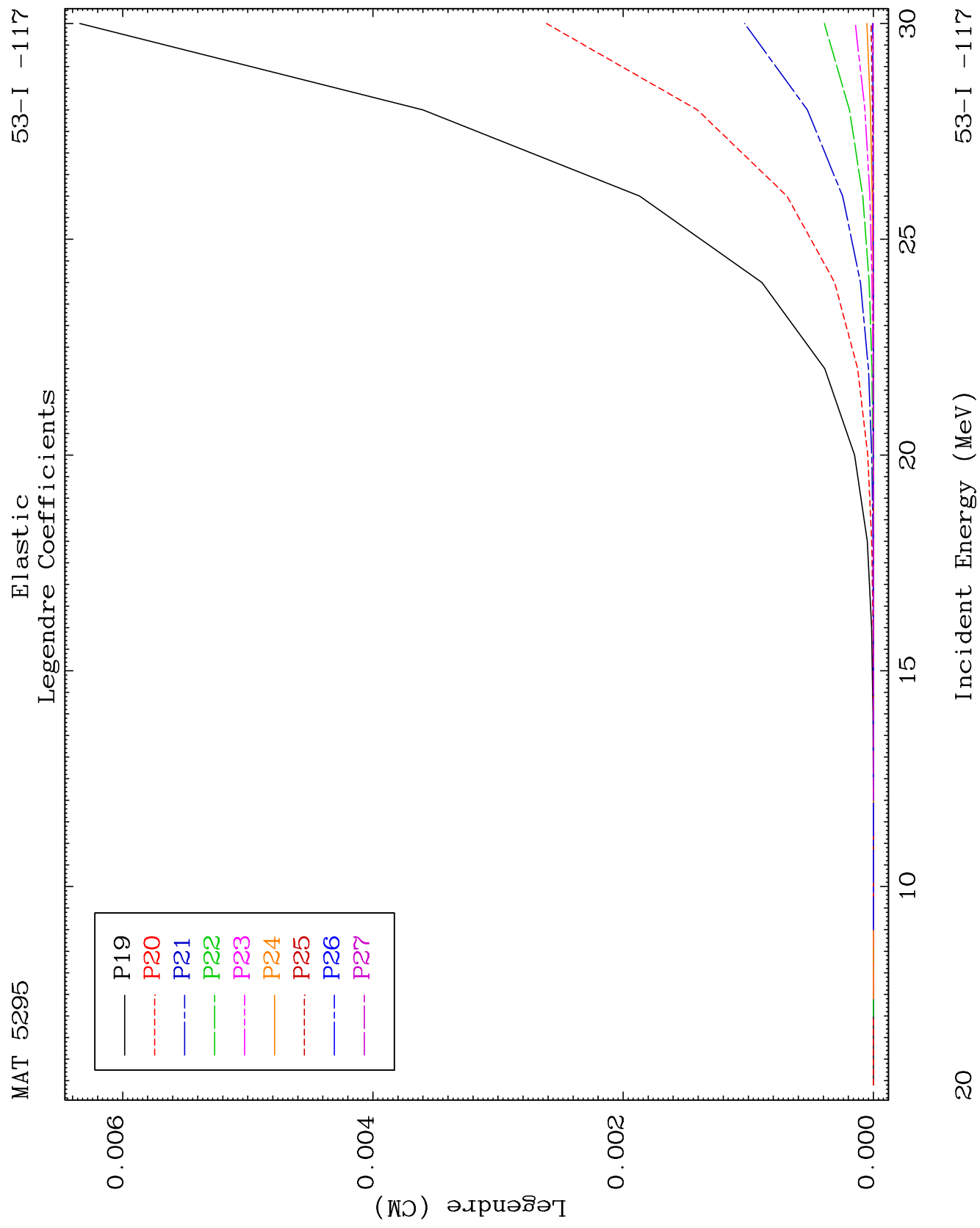
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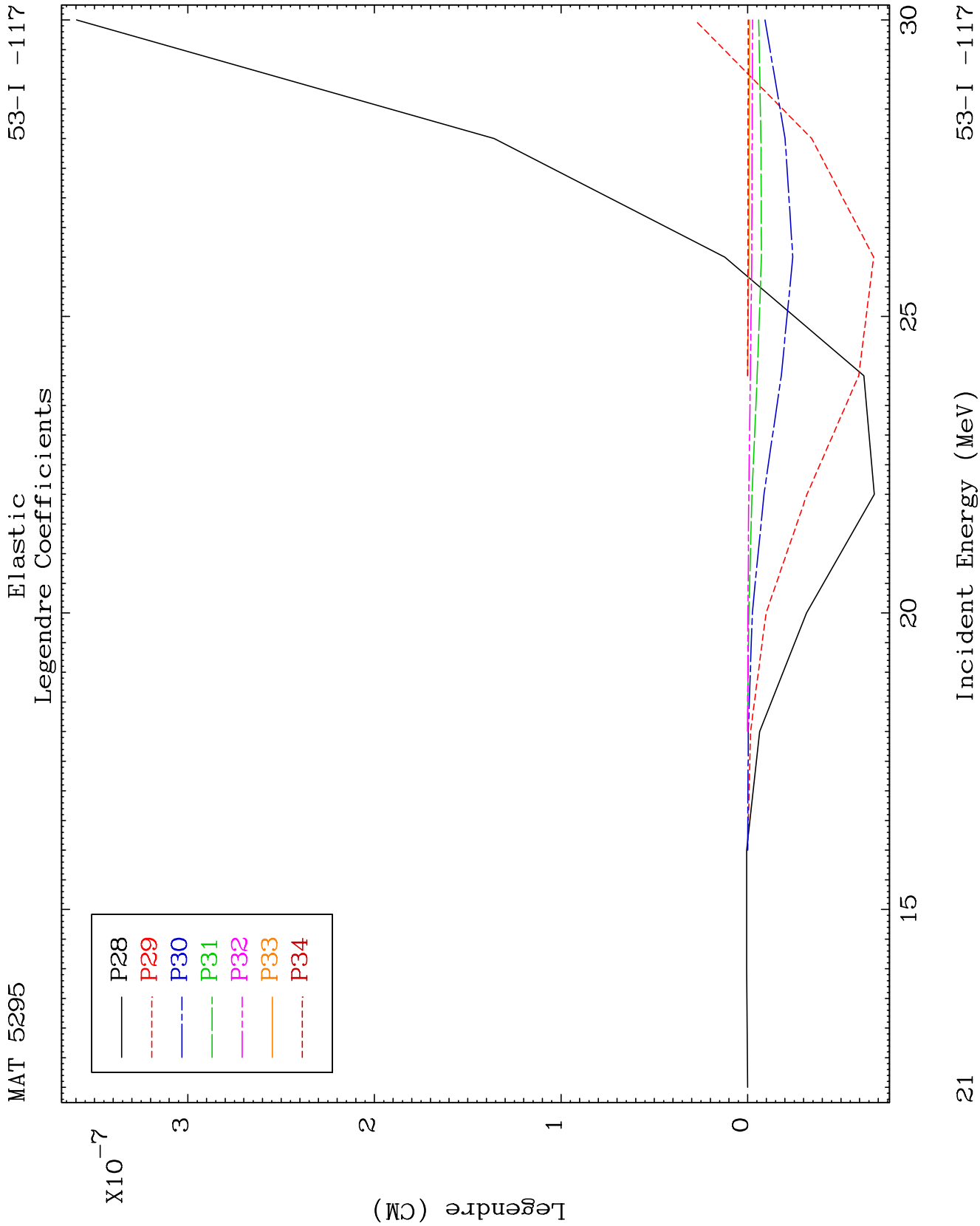
Incident Energy (MeV)

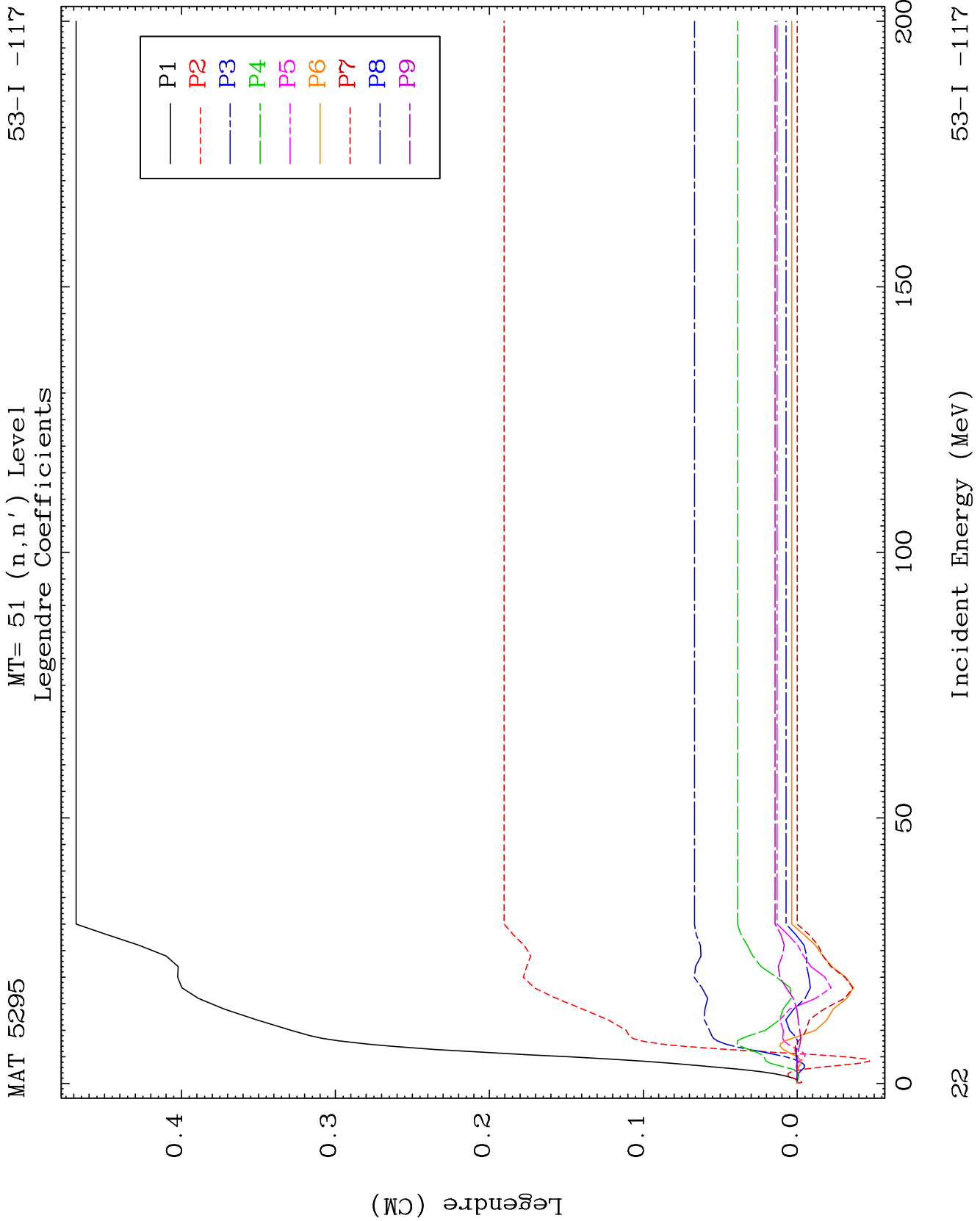
53-I -117







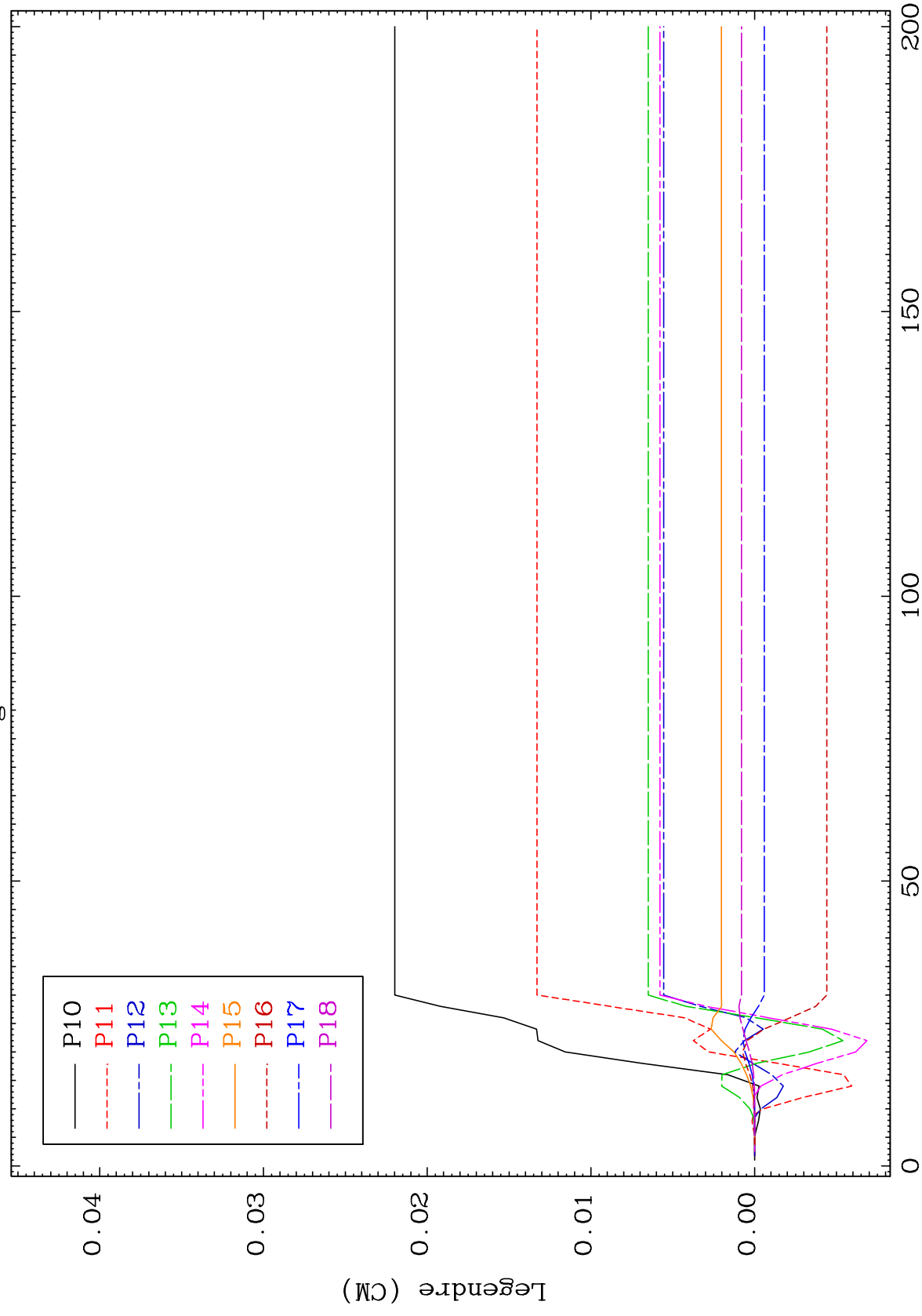




MAT 5295

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

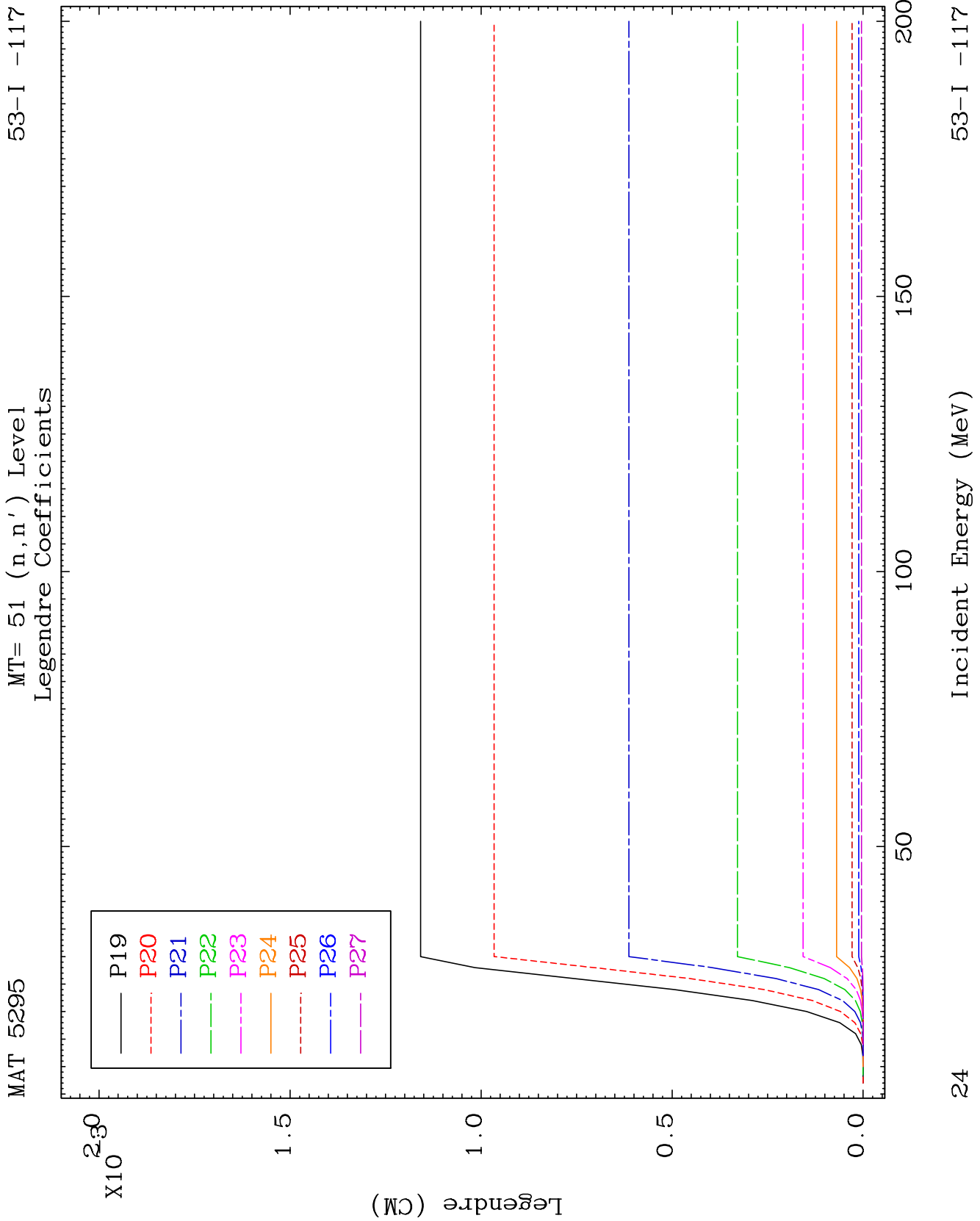
53-I -117



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Incident Energy (MeV)

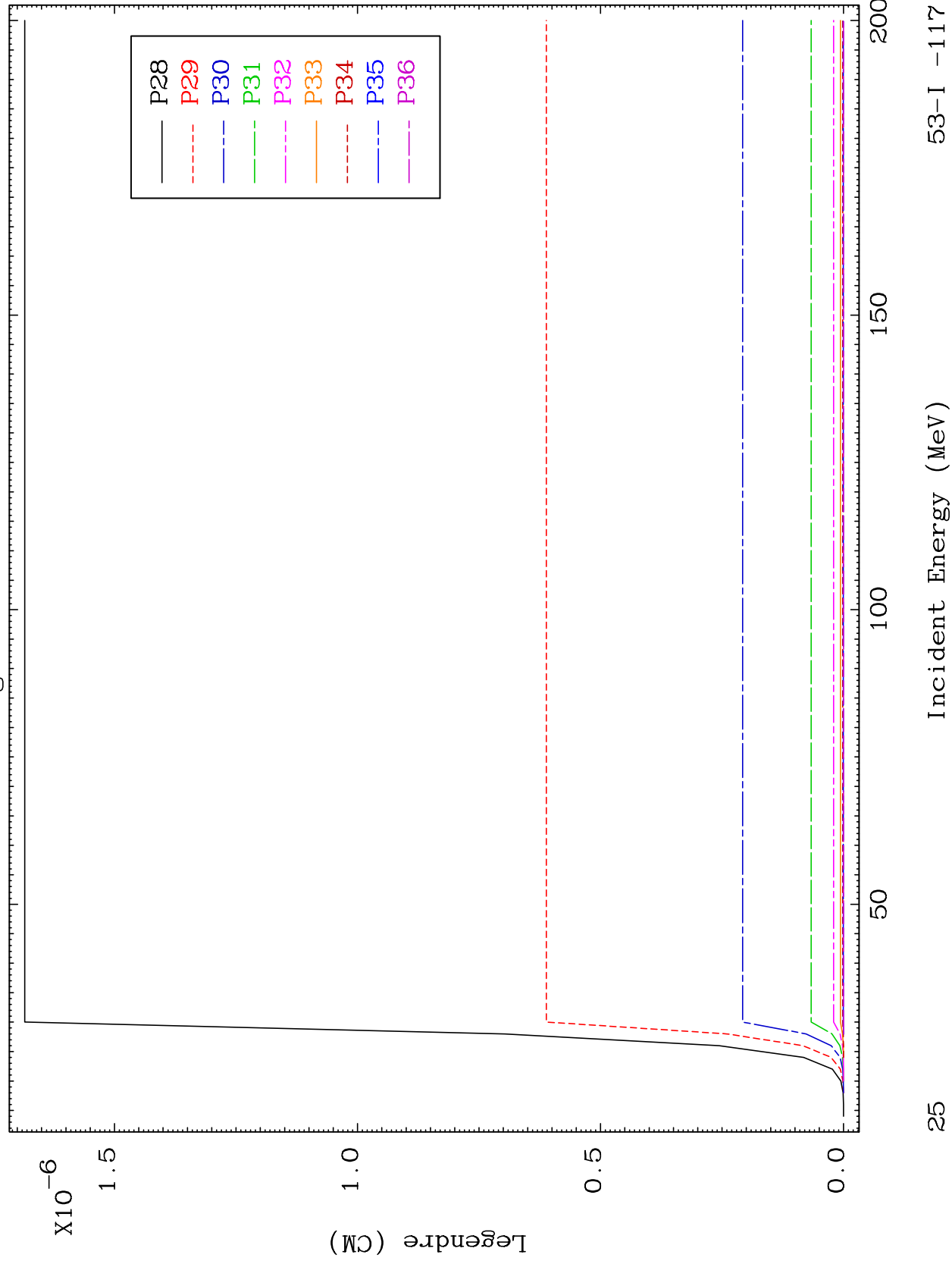
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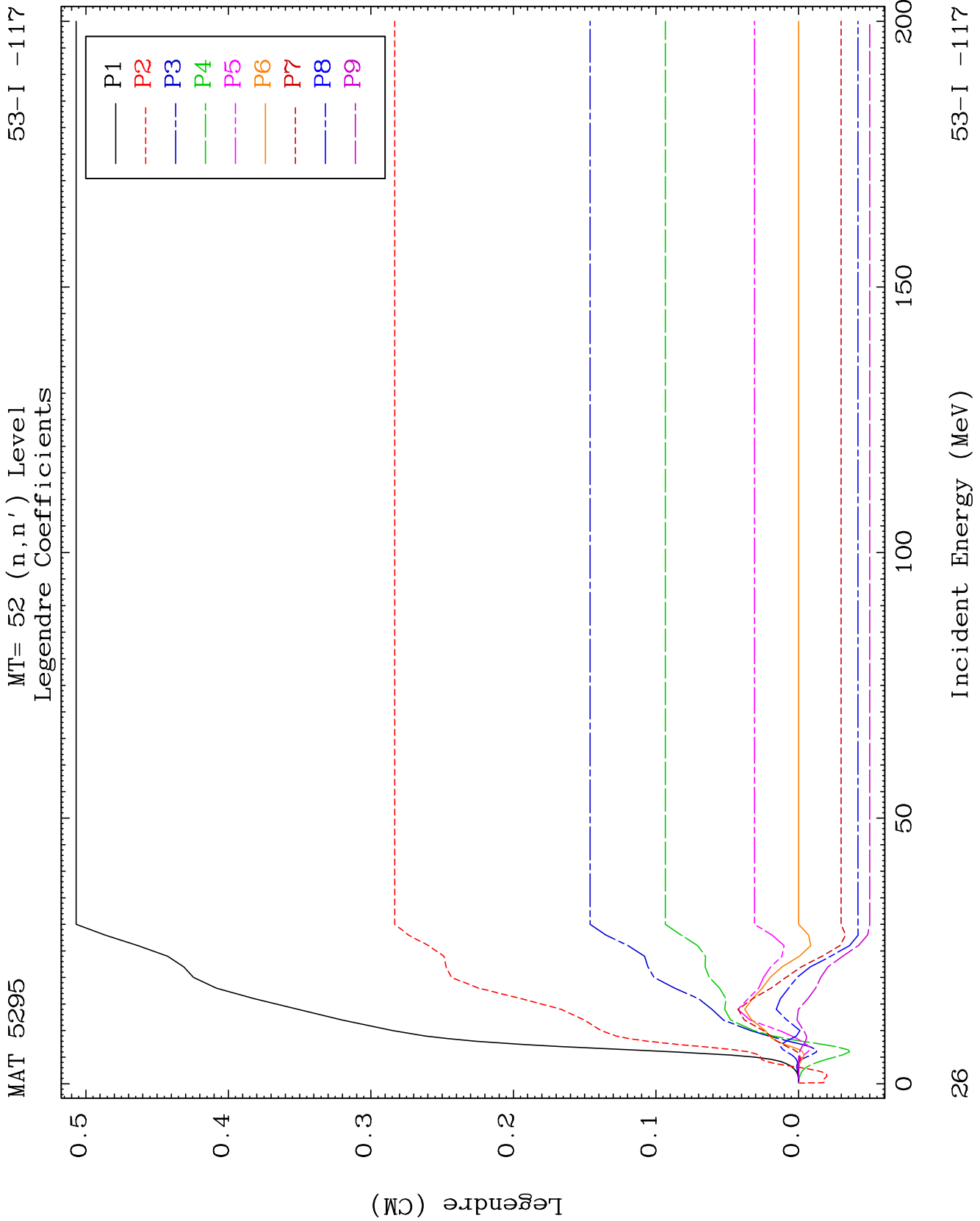


MAT 5295

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

53-I -117

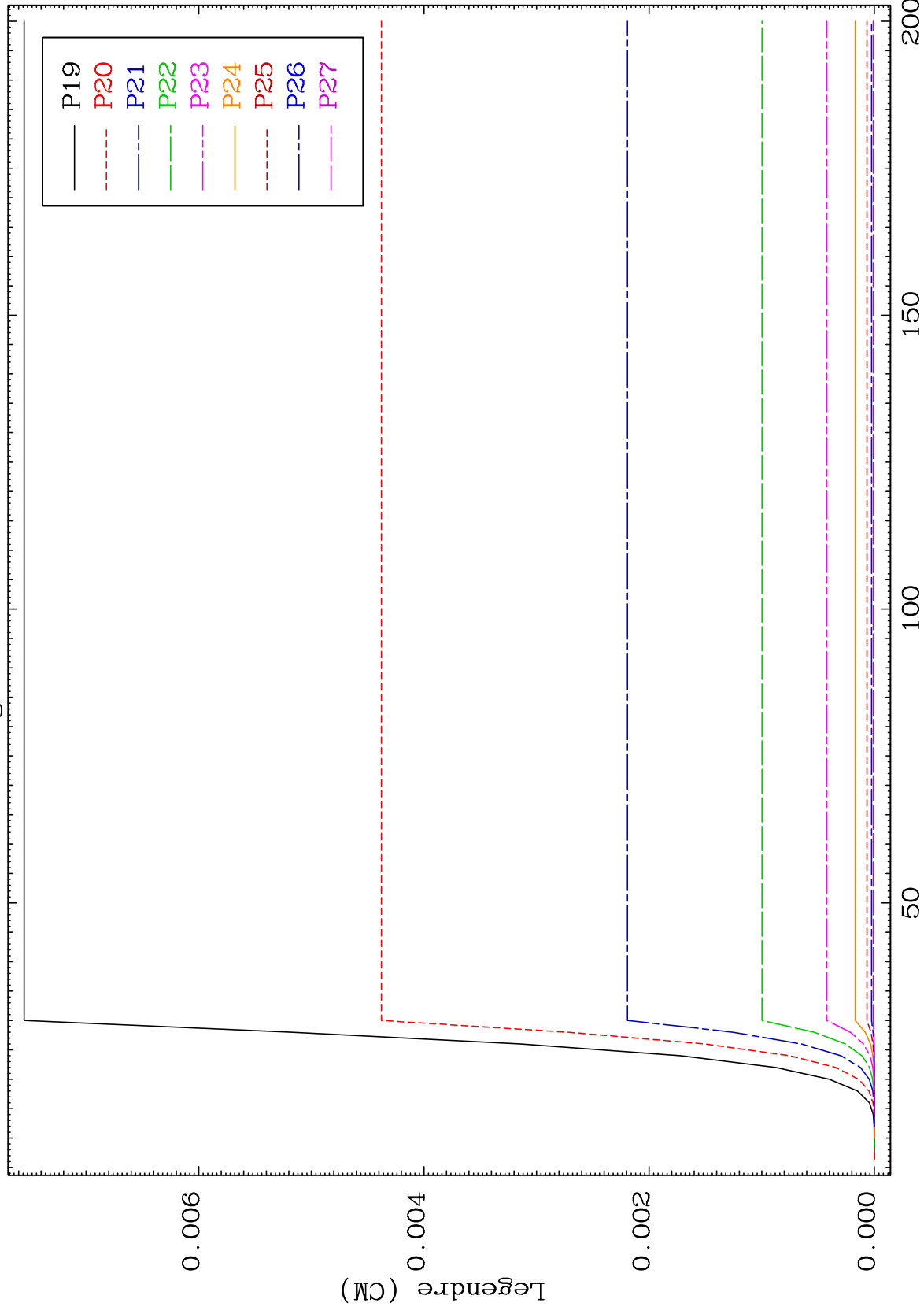




MAT 5295

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

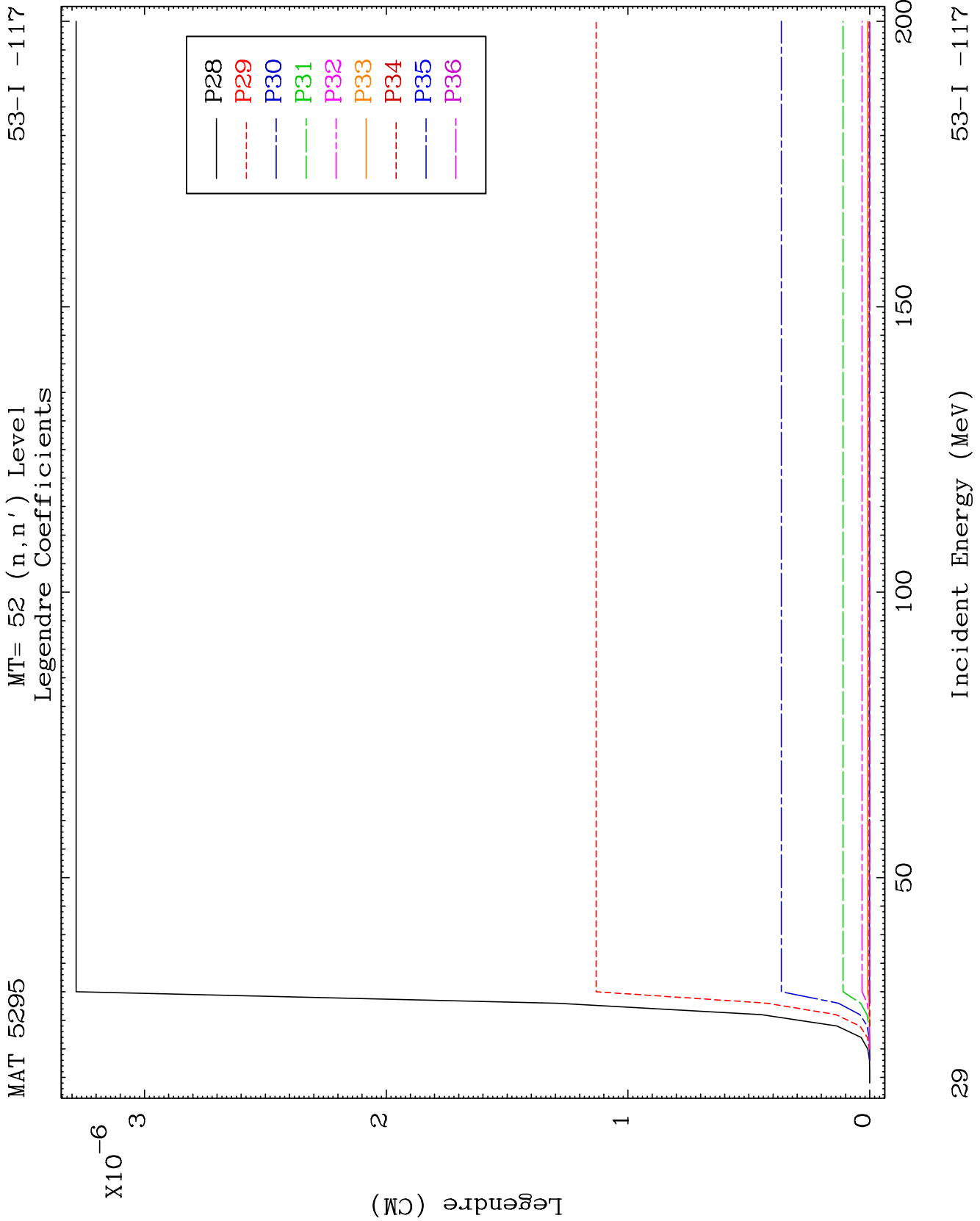
53-I -117



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Incident Energy (MeV)

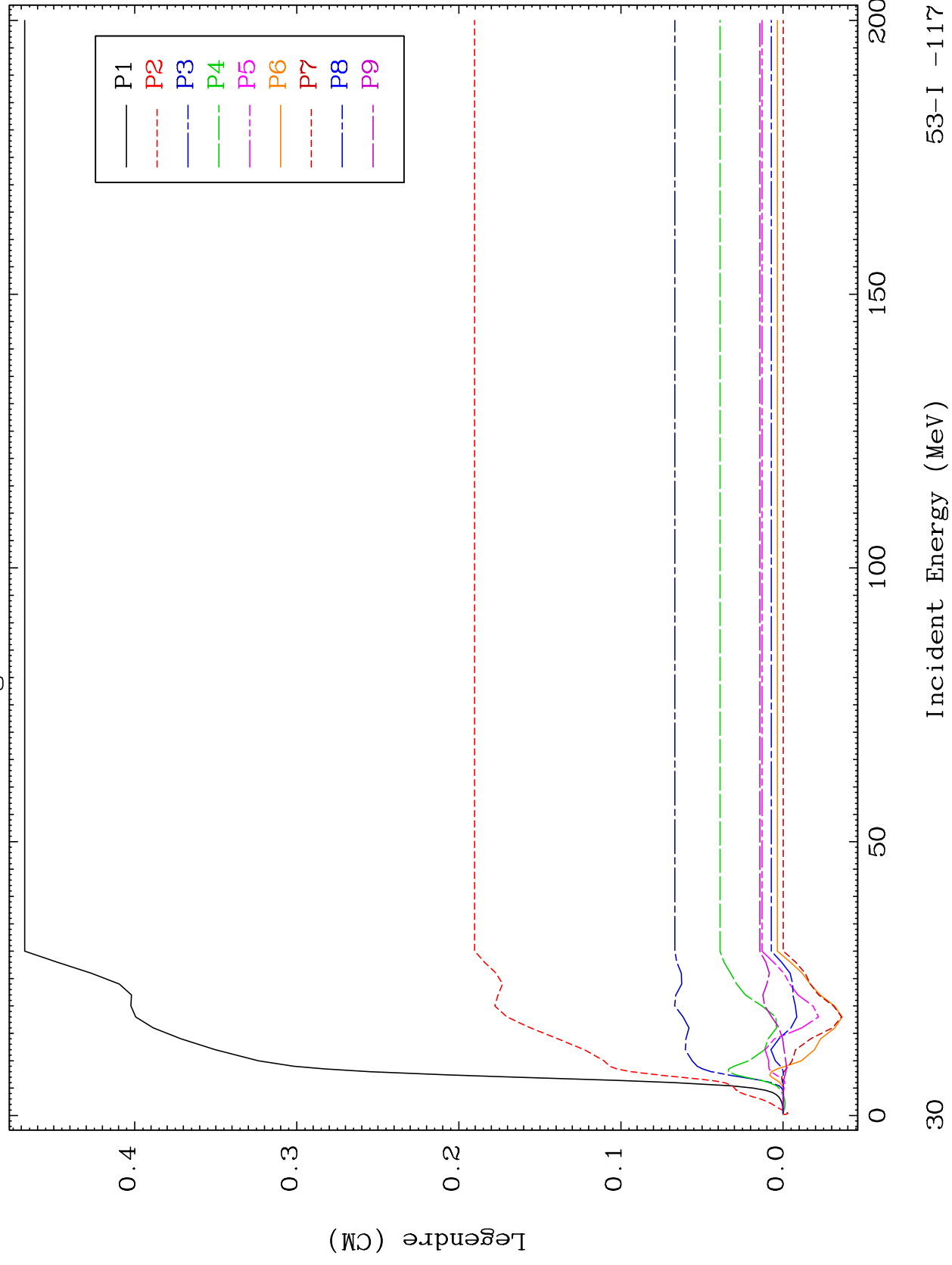
53-I -117

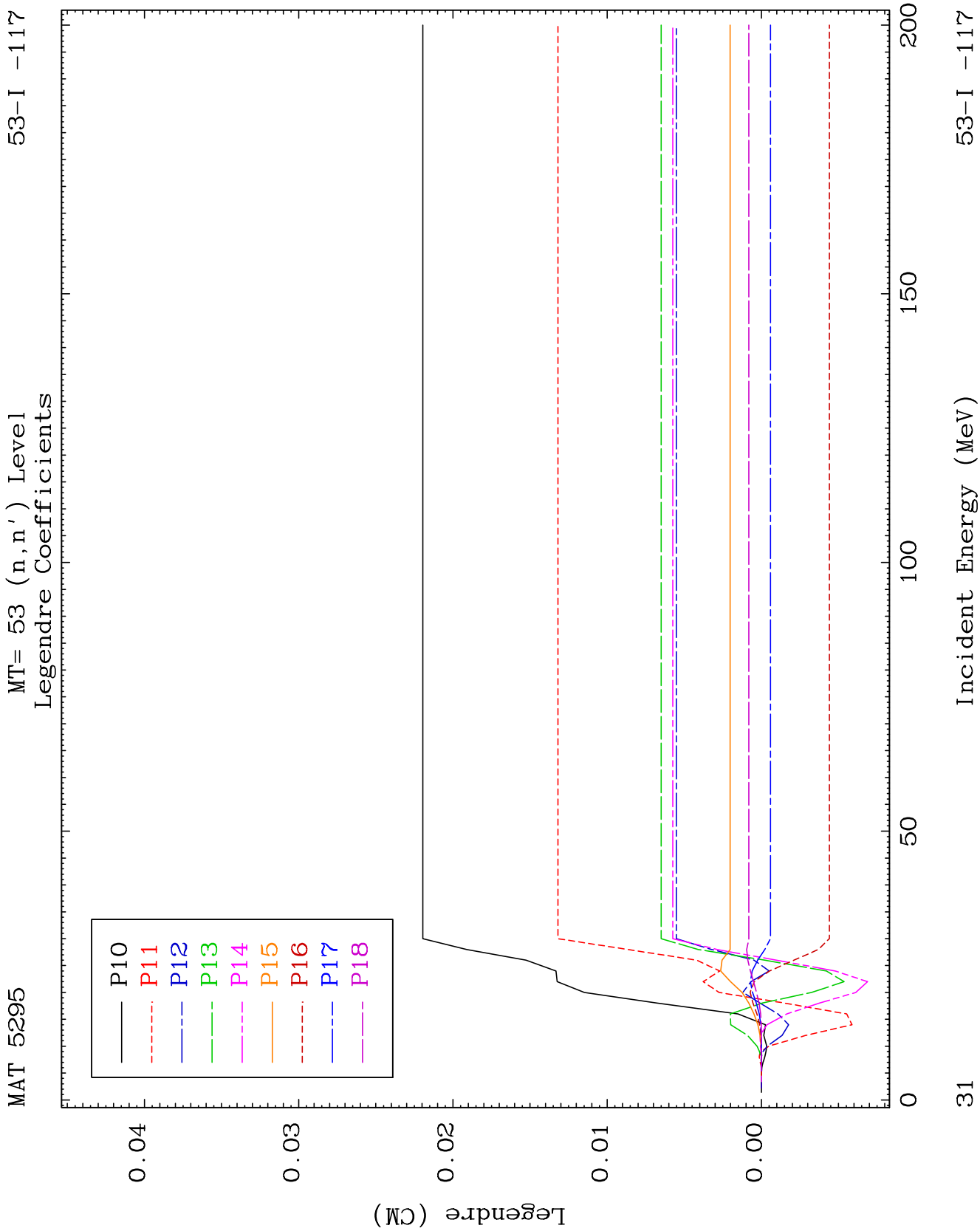


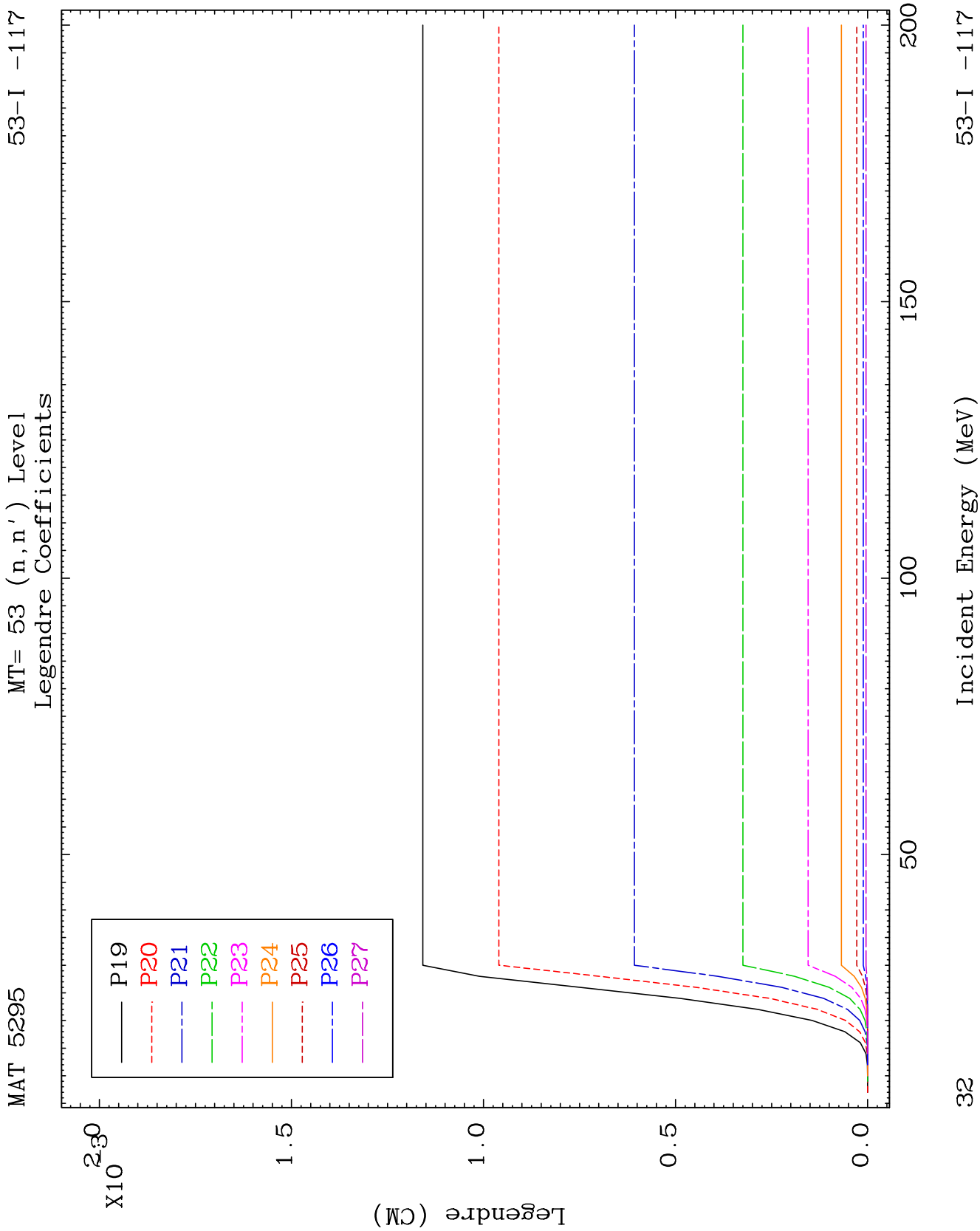
MAT 5295

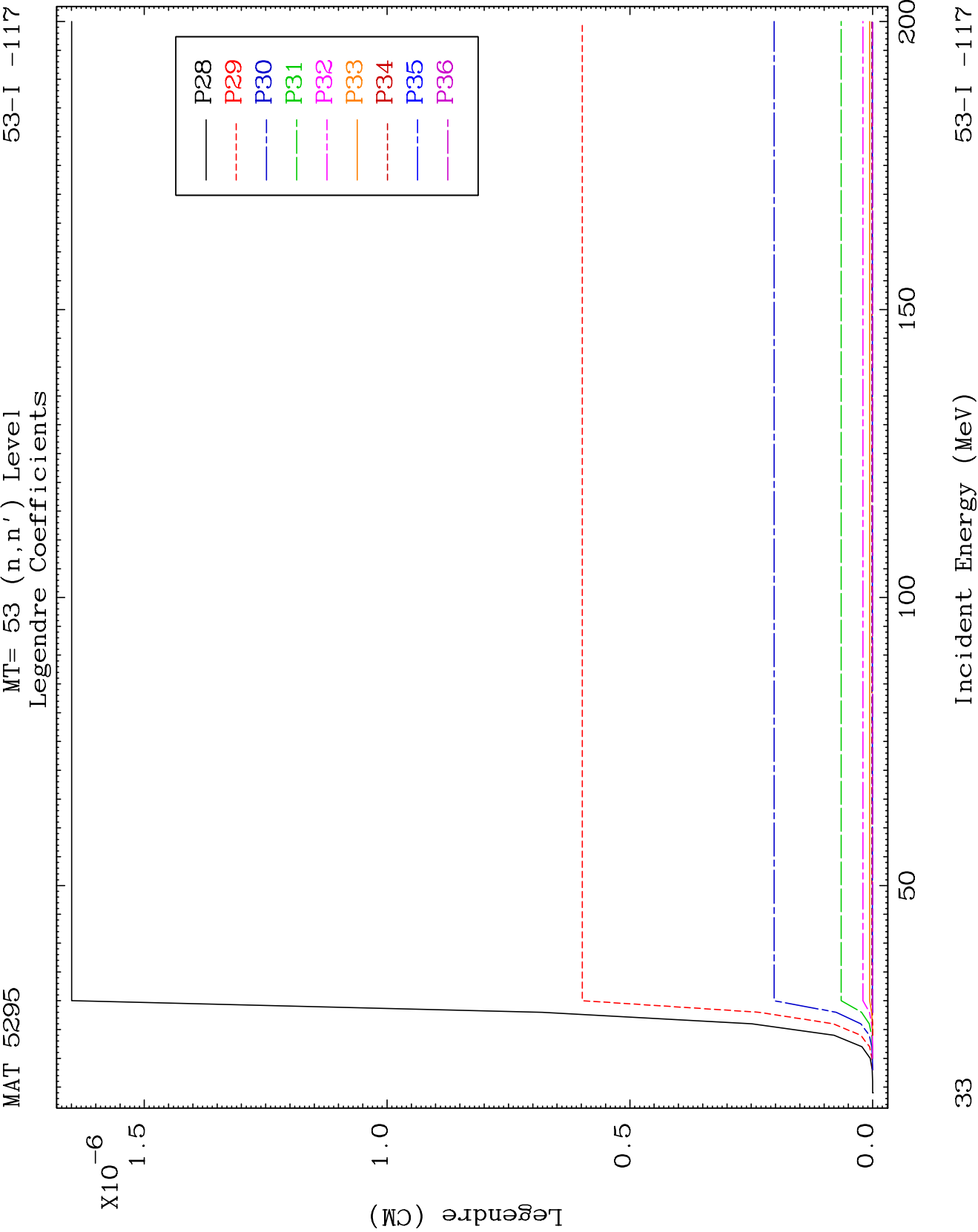
MT= 53 (n, n') Level
Legendre Coefficients

53-I -117





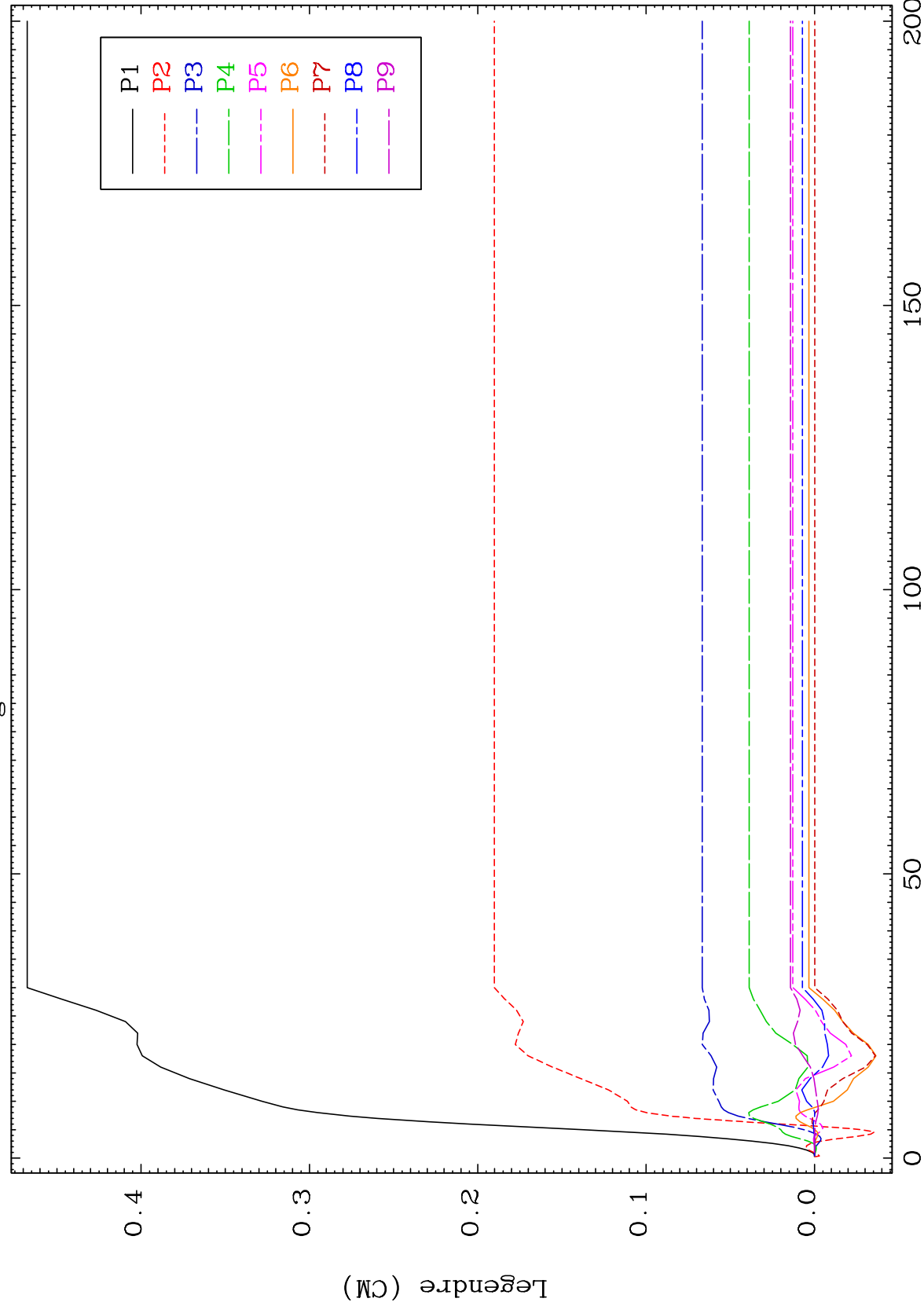




MAT 5295

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

53-I -117



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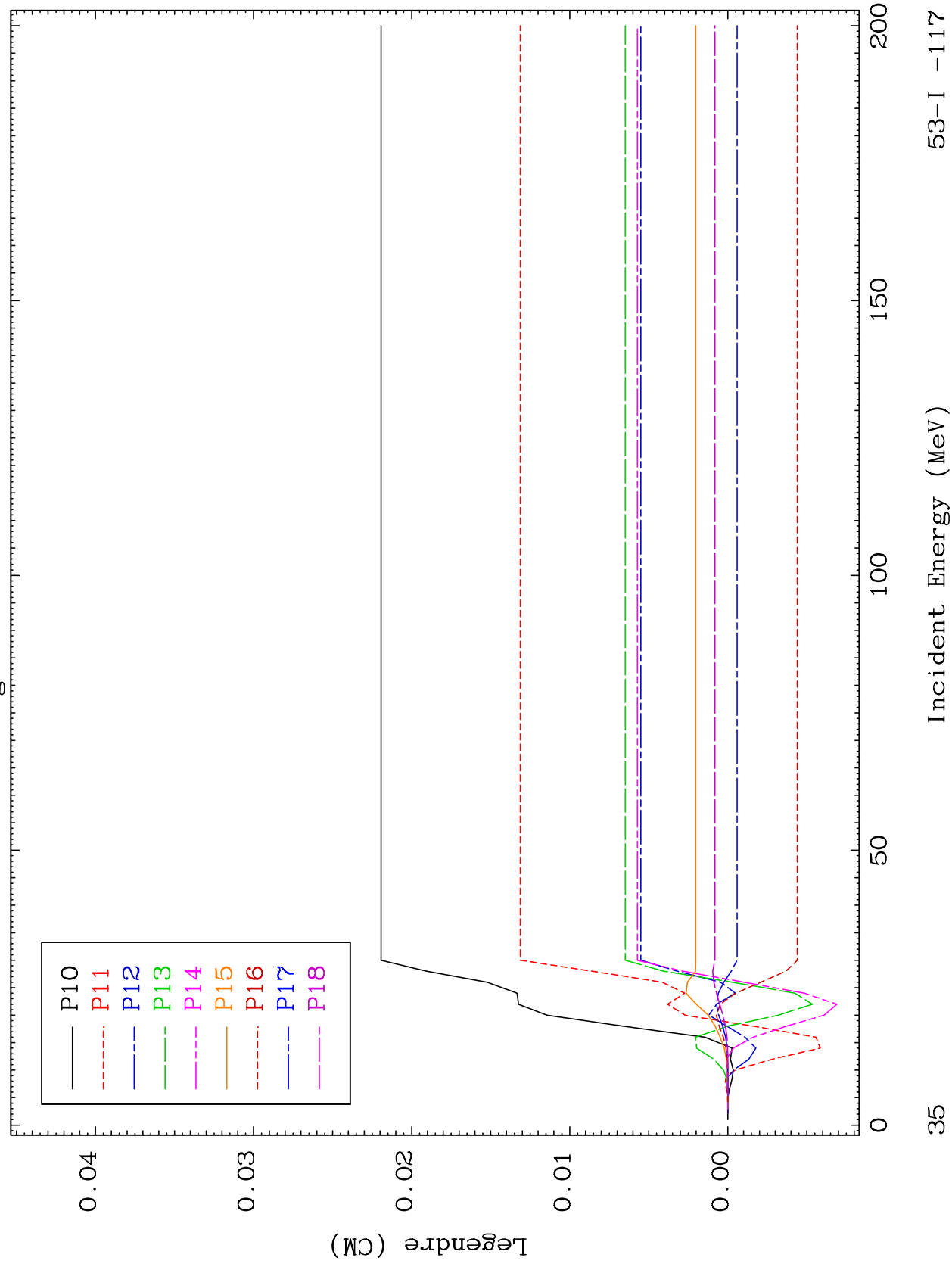
Incident Energy (MeV)

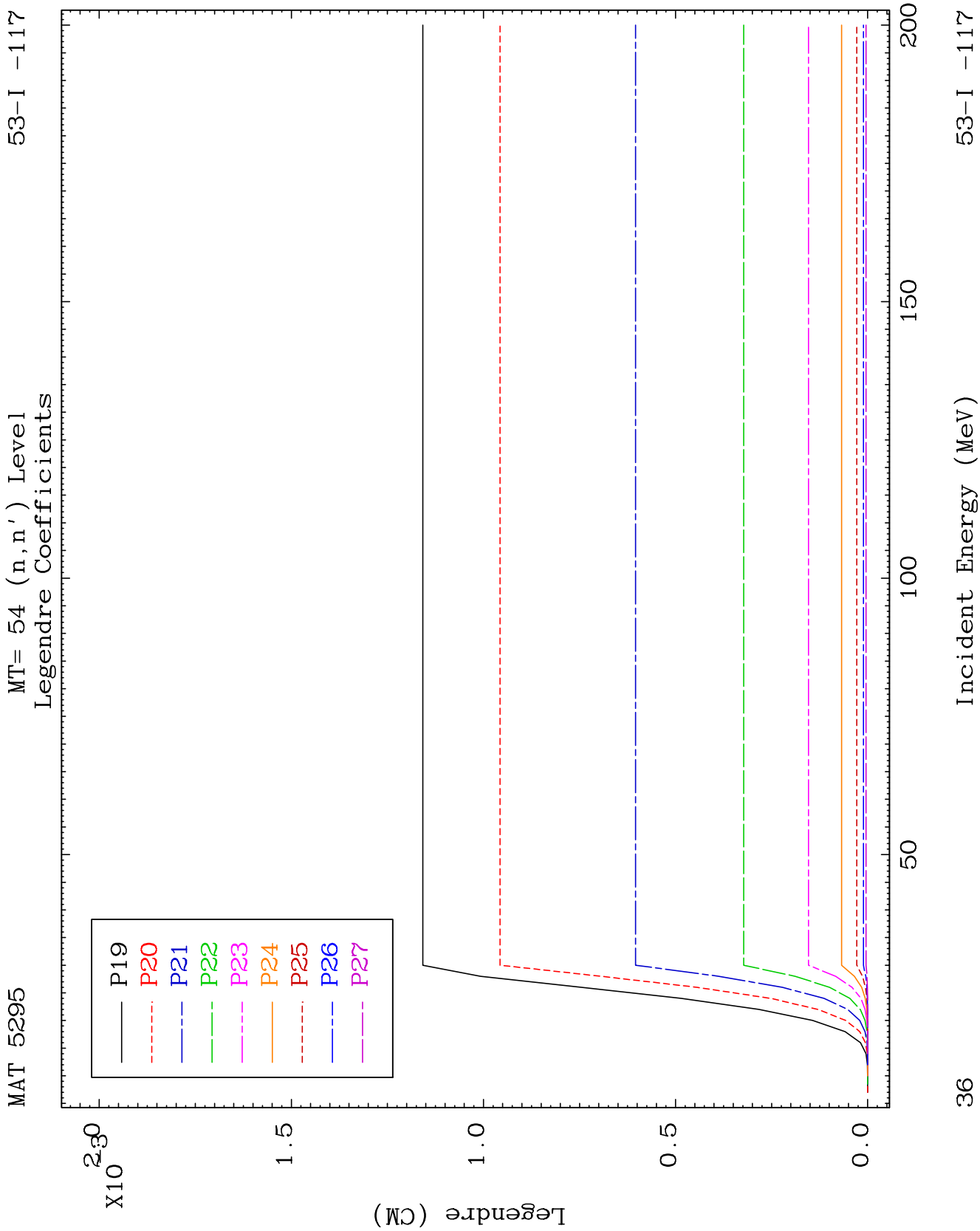
53-I -117

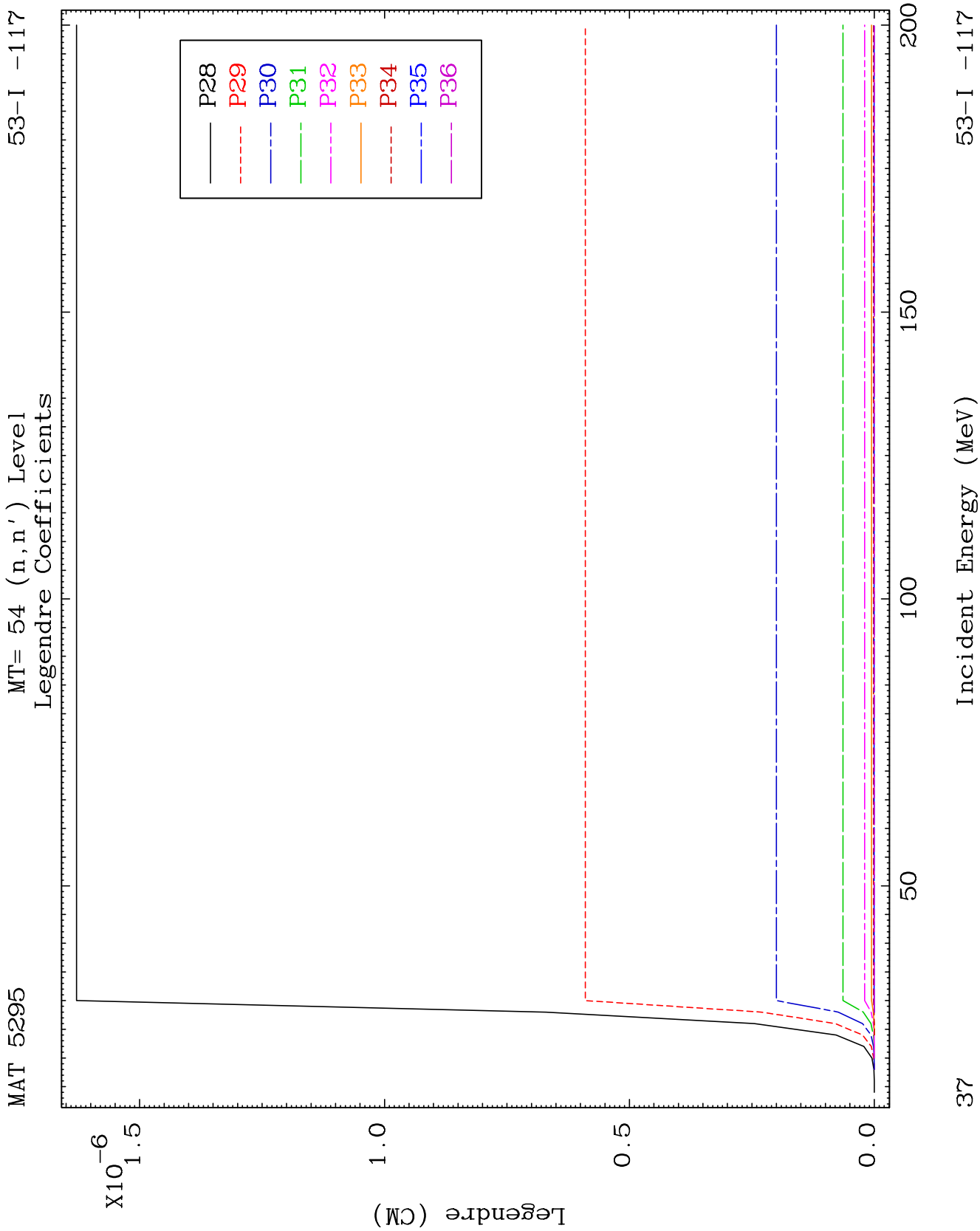
MAT 5295

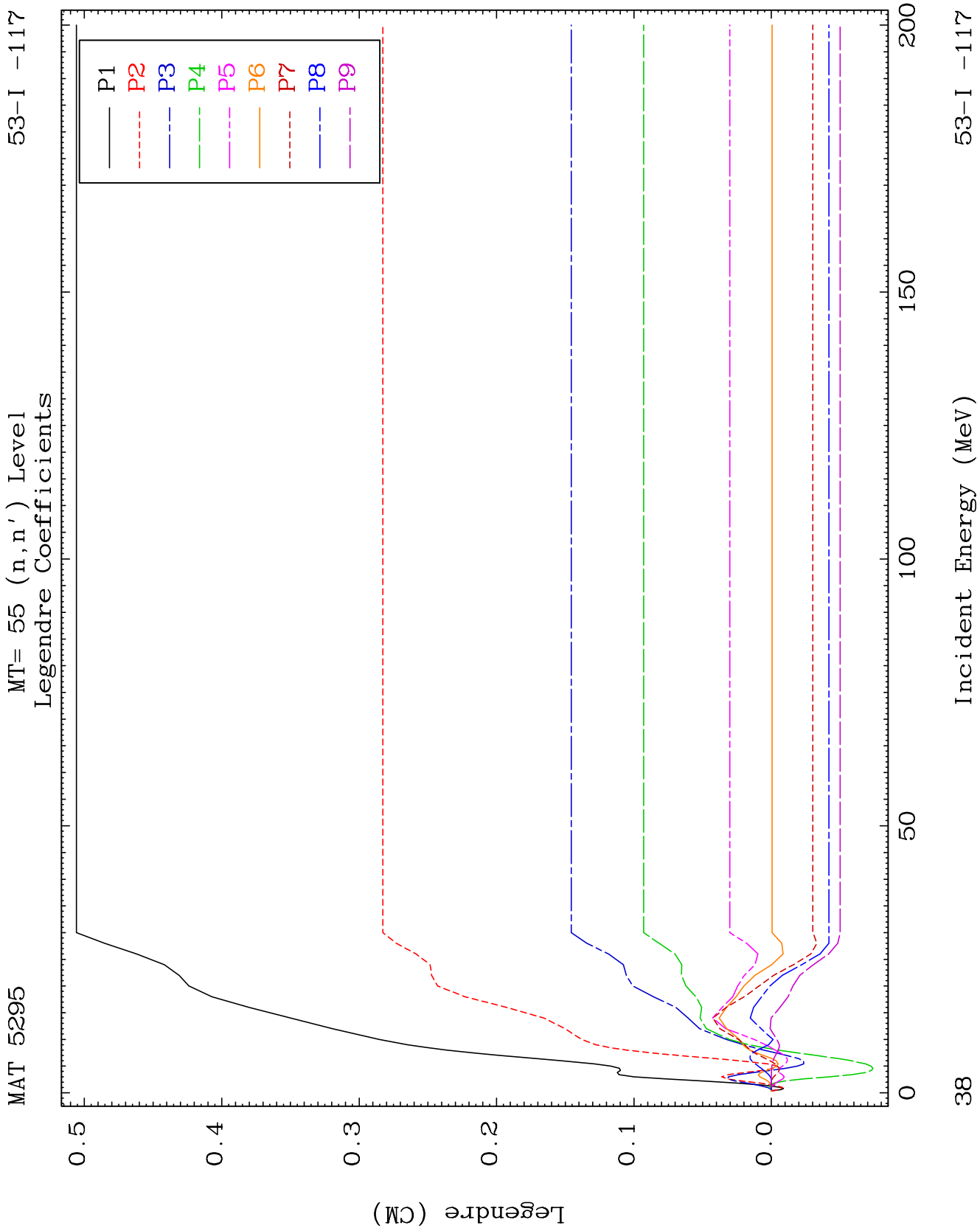
MT= 54 (n, n') Level
Legendre Coefficients

53-I -117





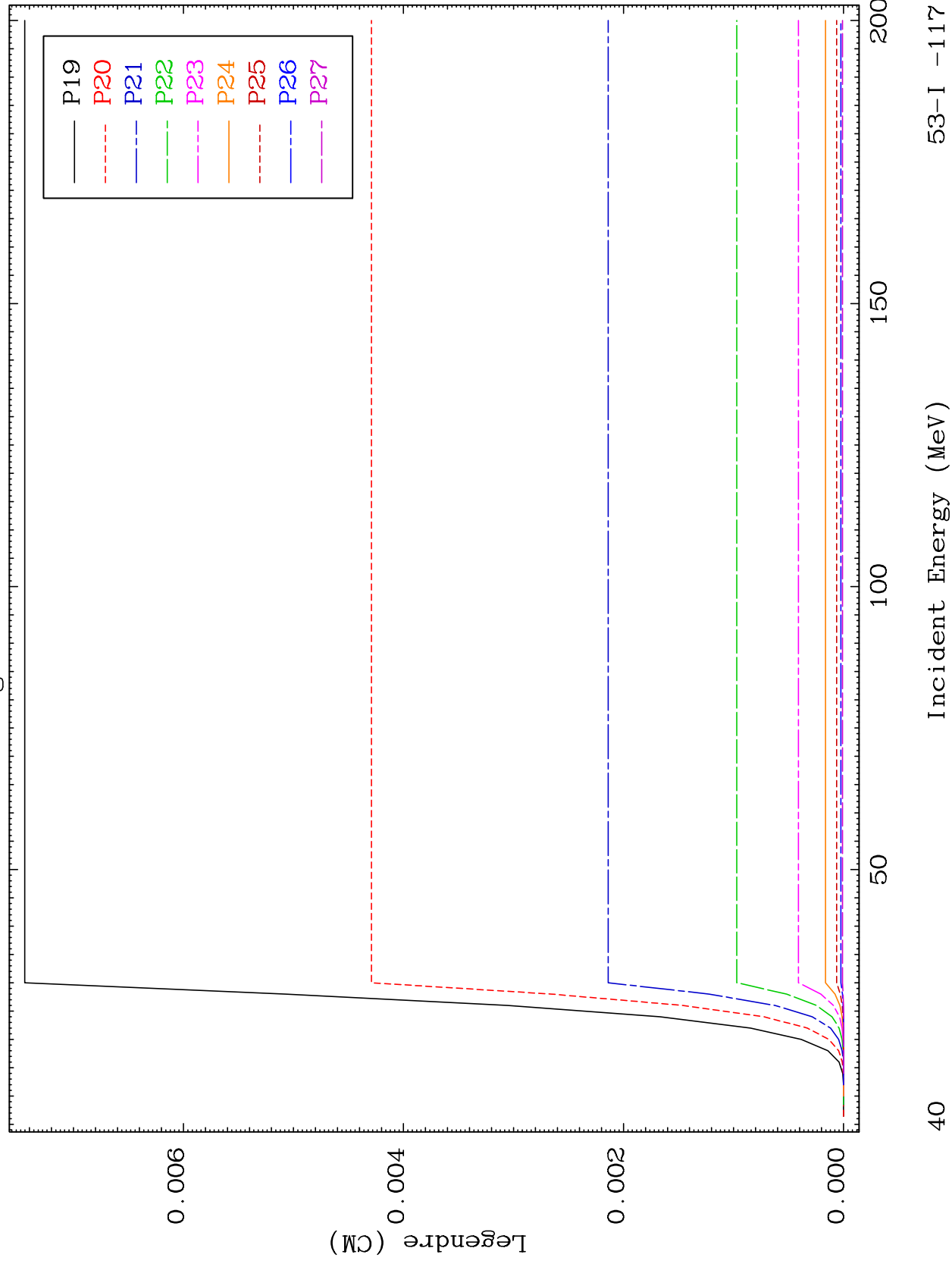


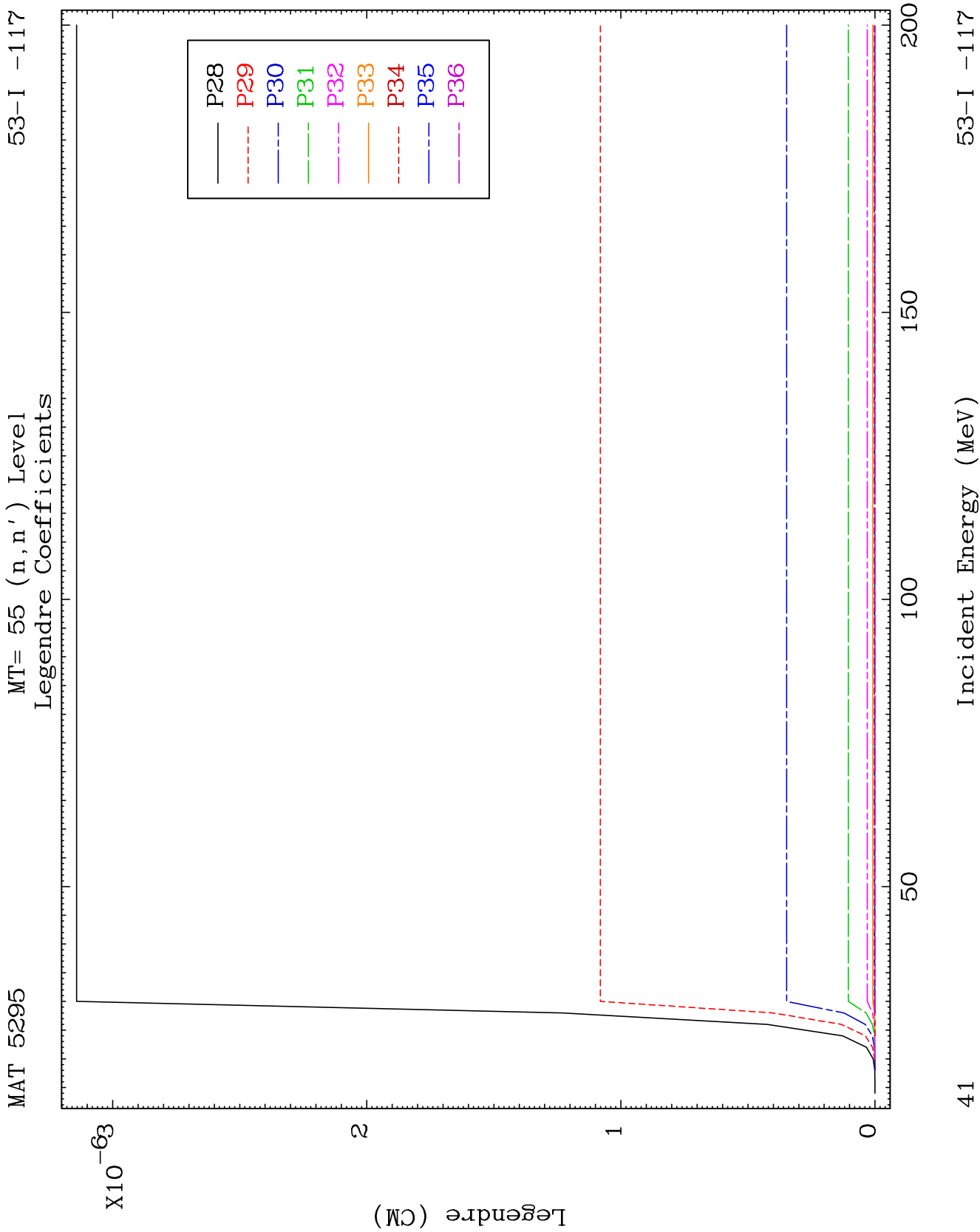


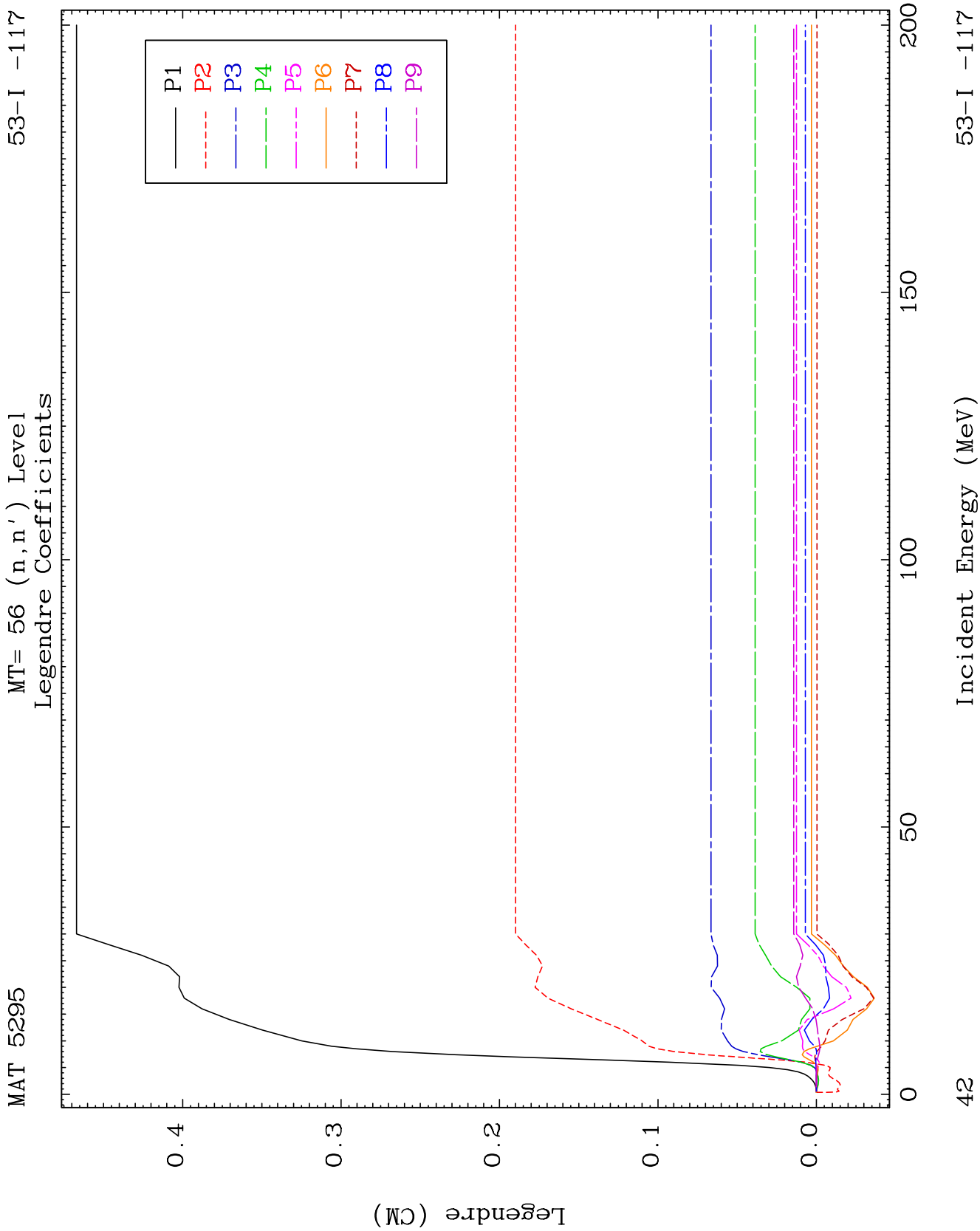
MAT 5295

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

53-I -117



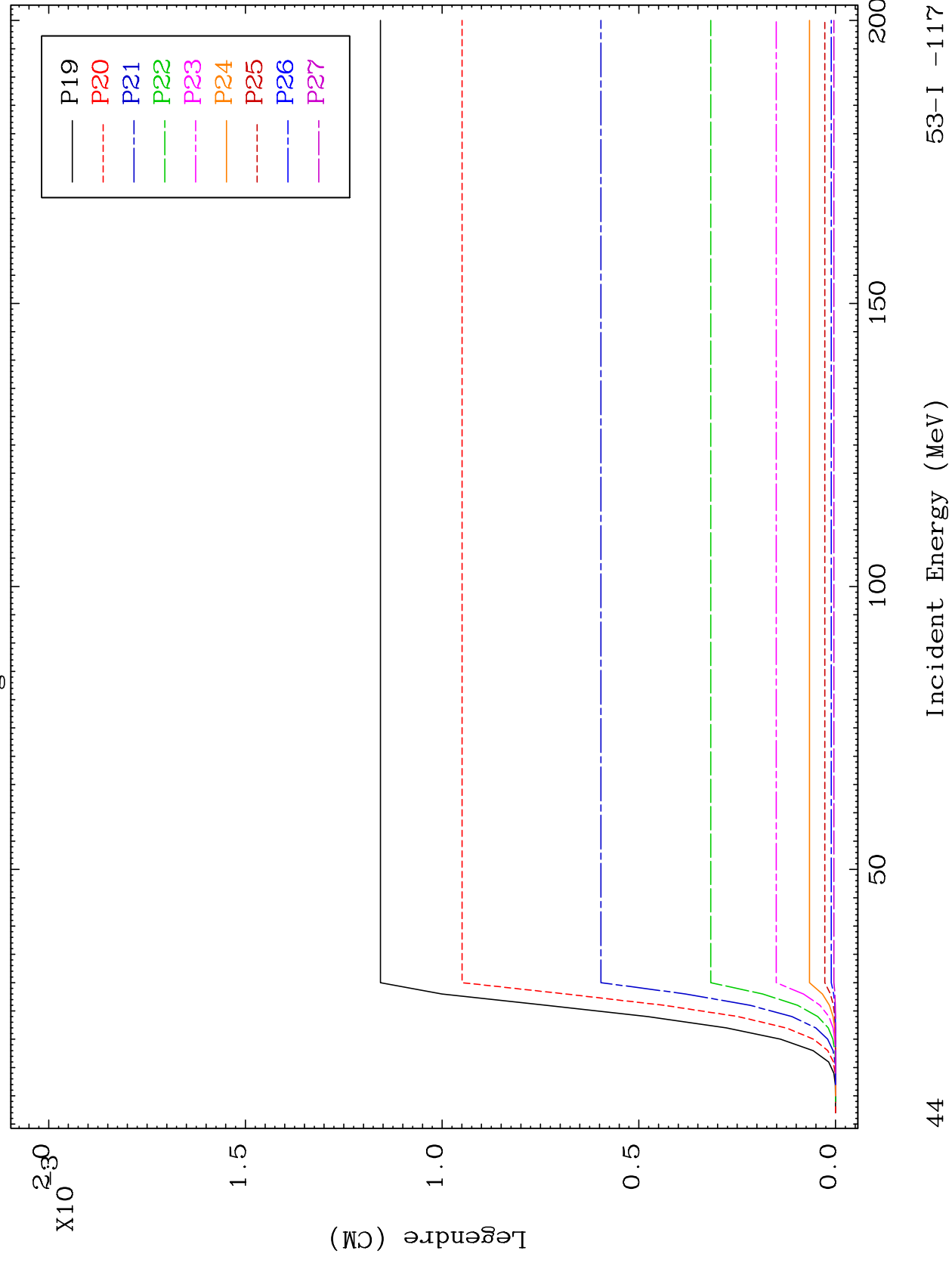


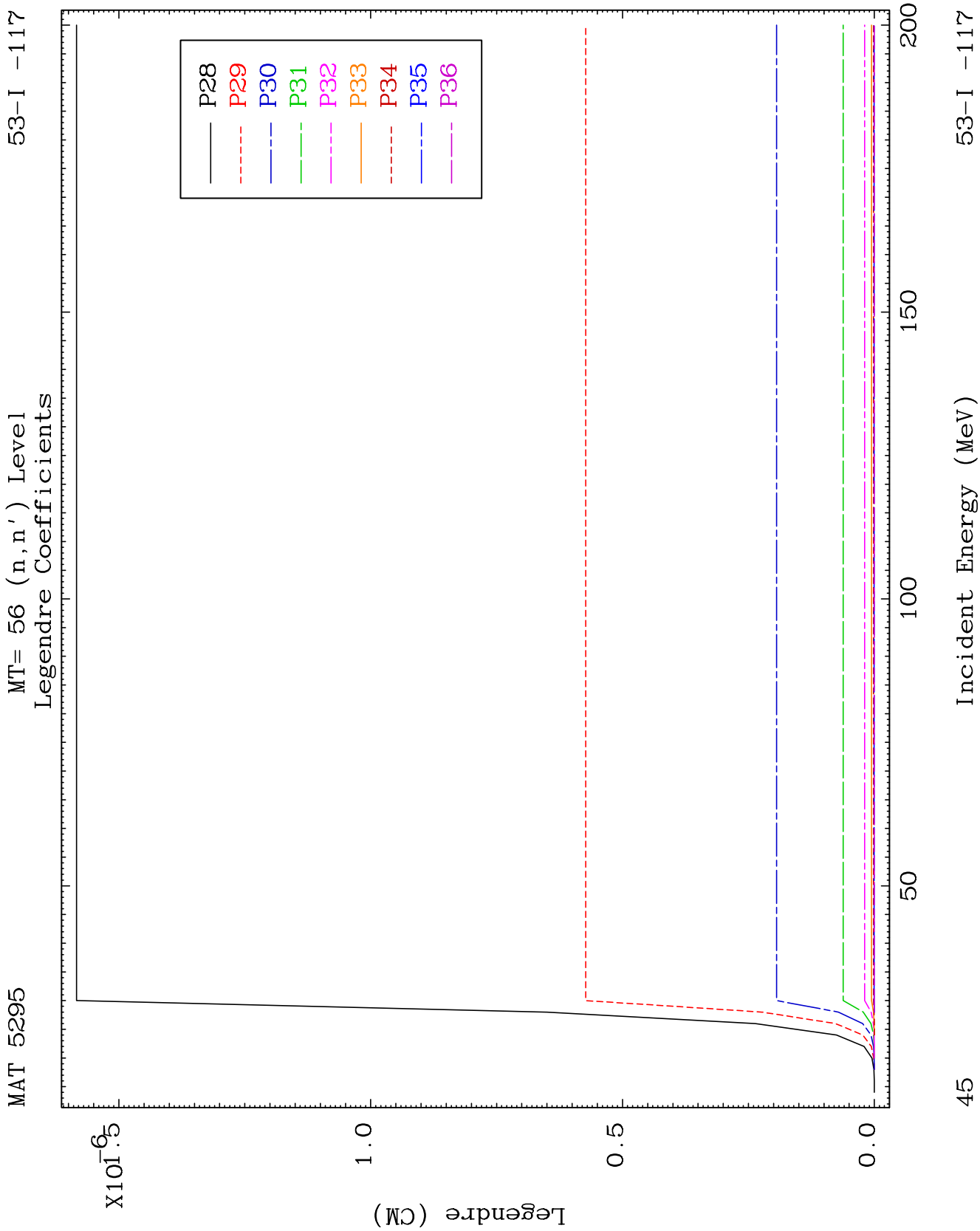


MAT 5295

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

53-I -117

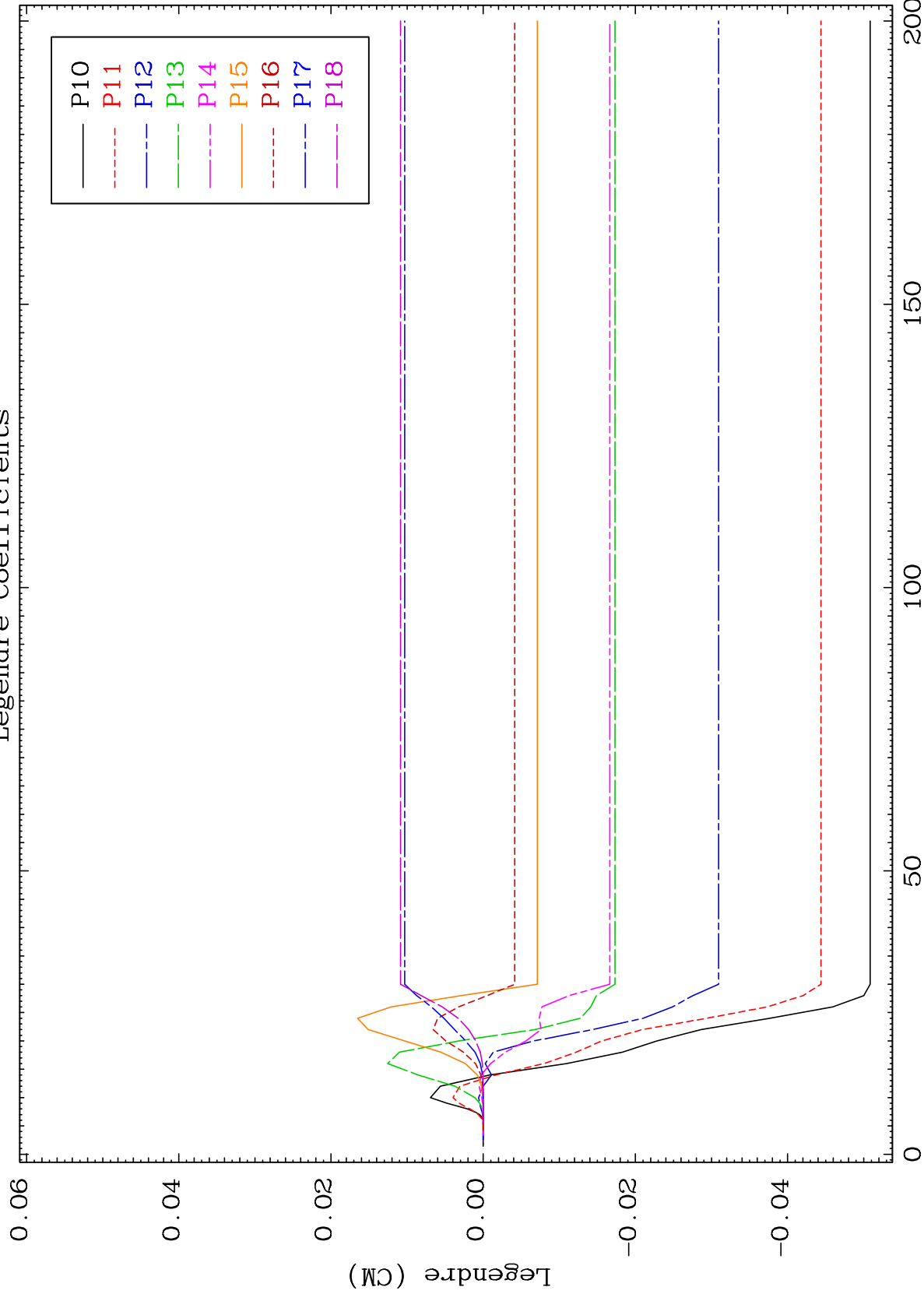




MAT 5295

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

53-I -117



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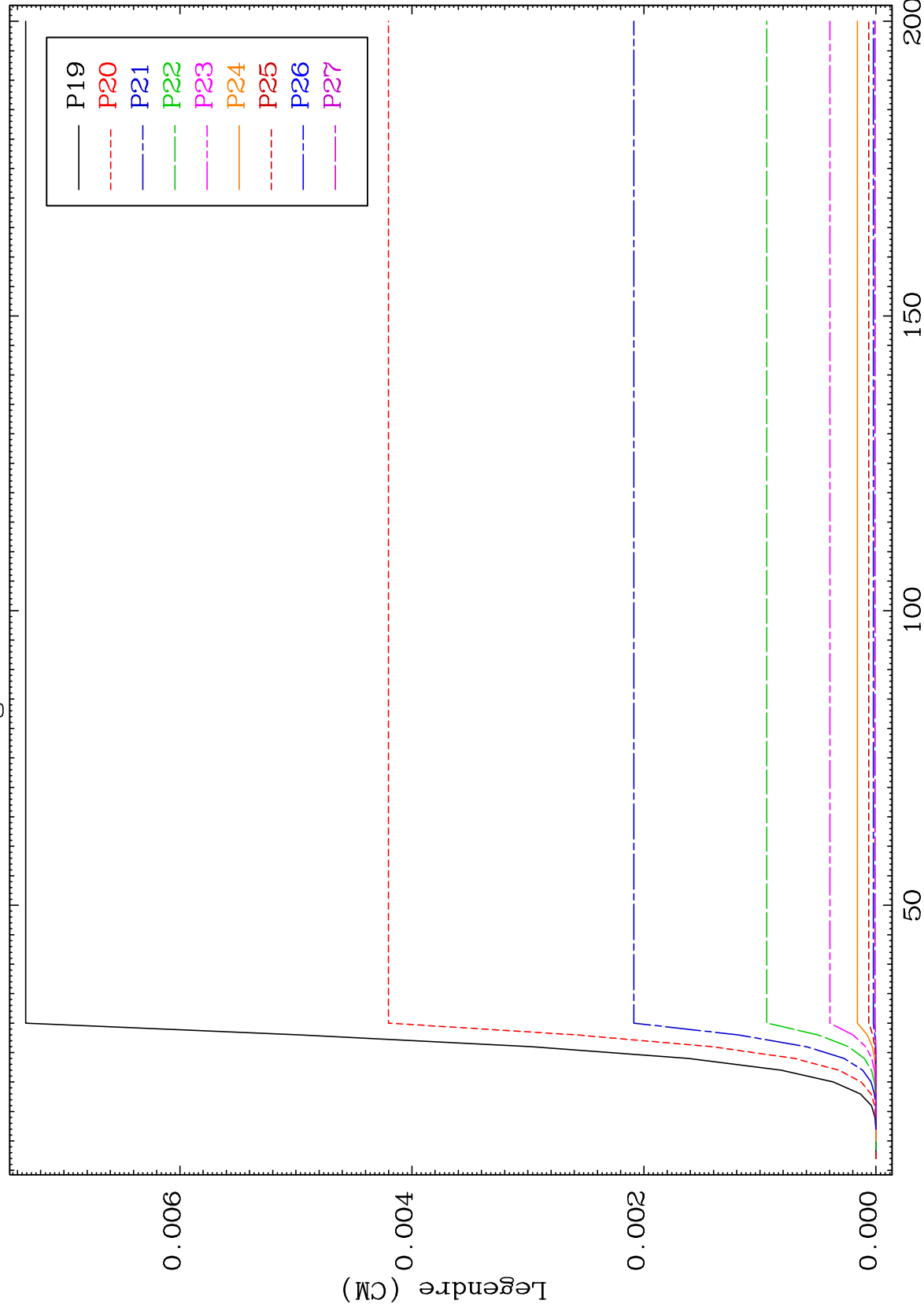
Incident Energy (MeV)

53-I -117

MAT 5295

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

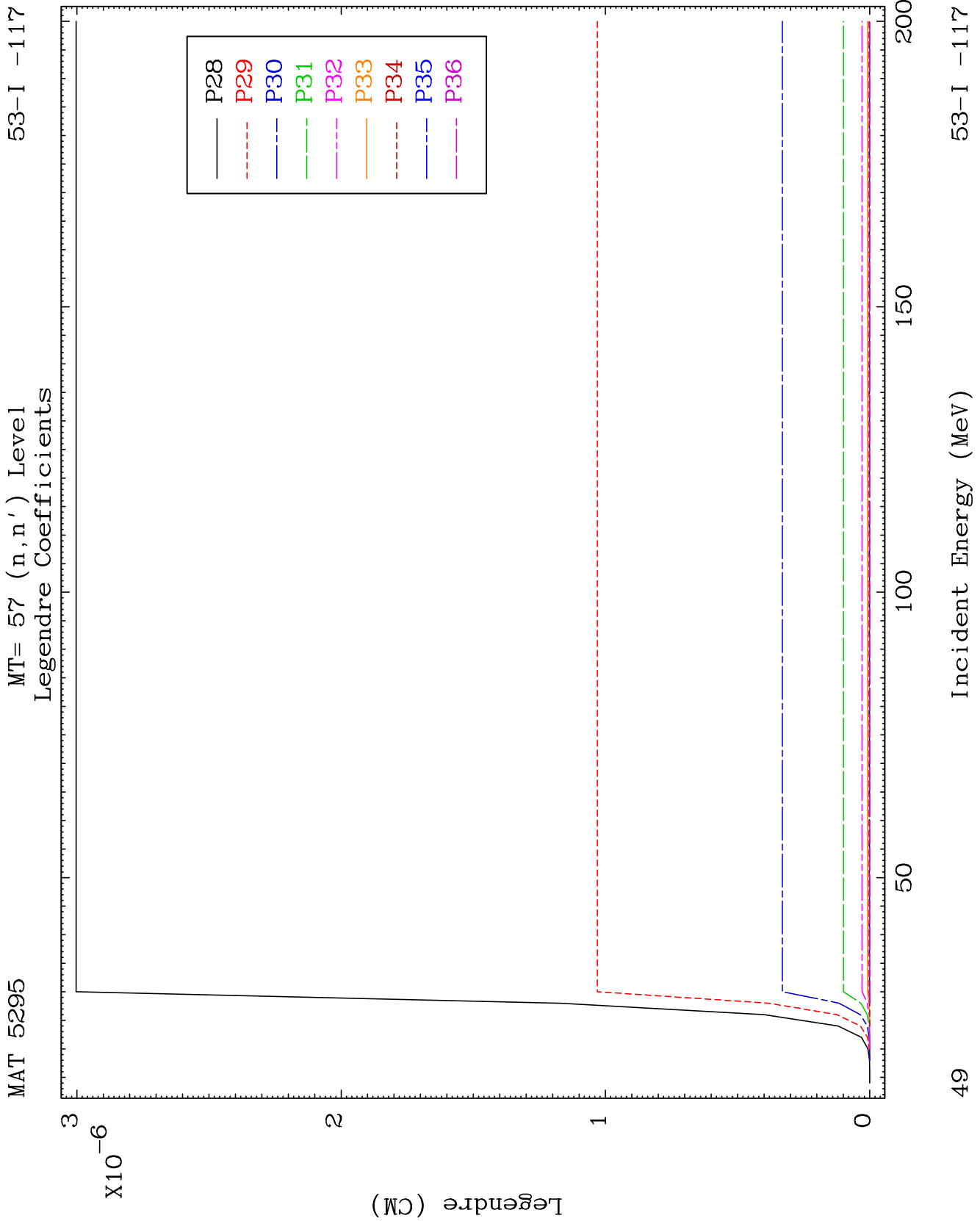
53-I -117

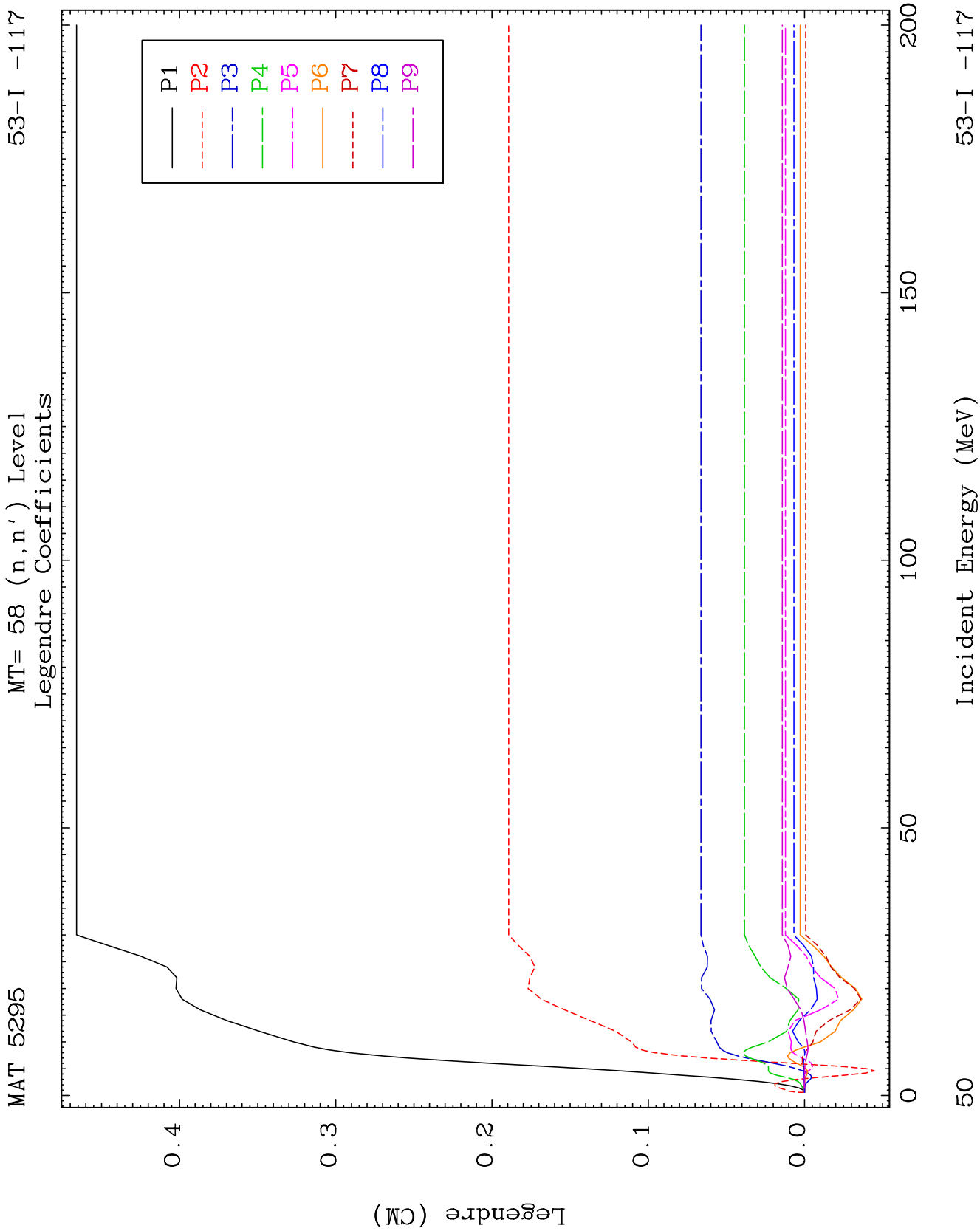


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Incident Energy (MeV)

53-I -117

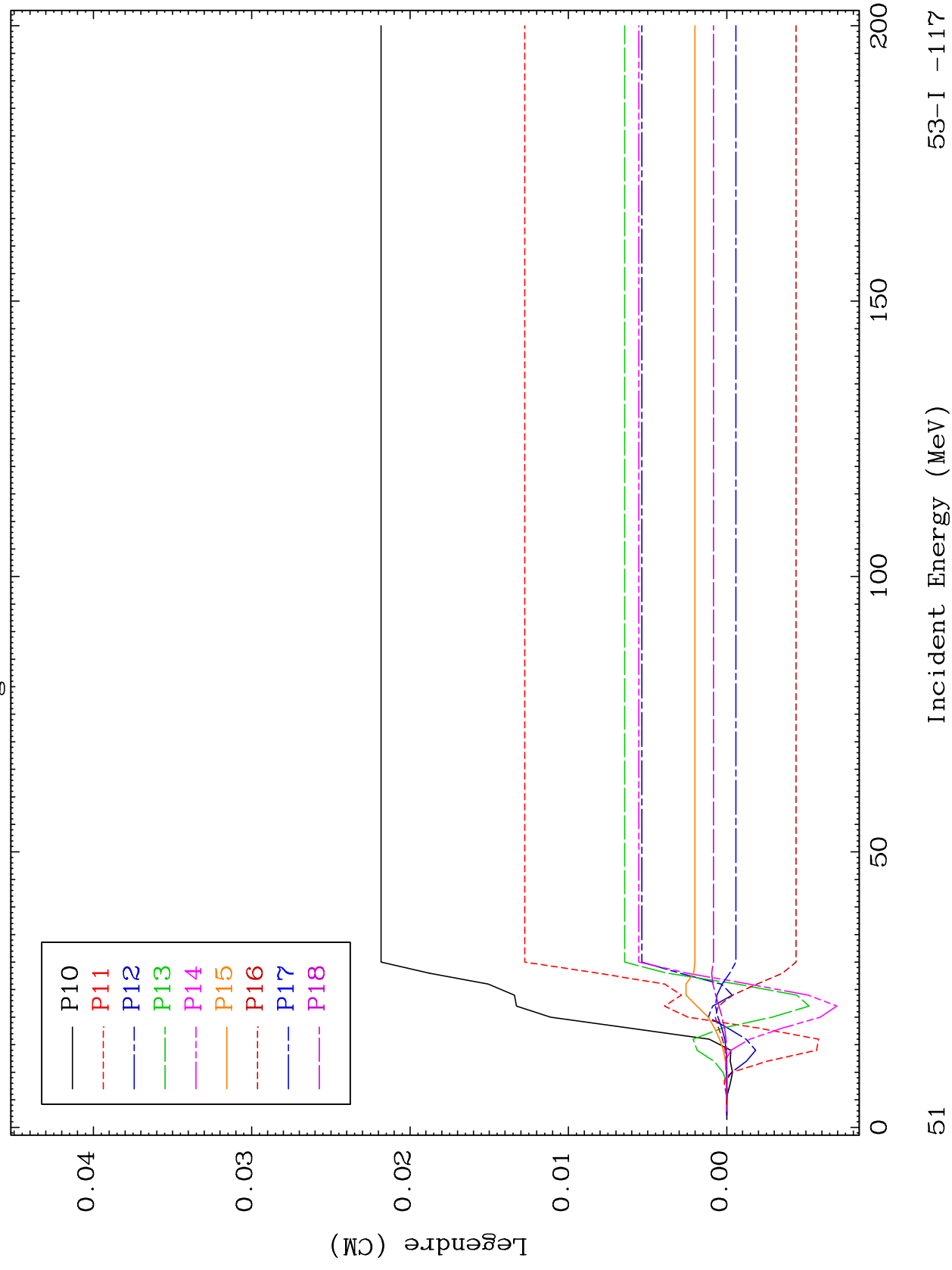


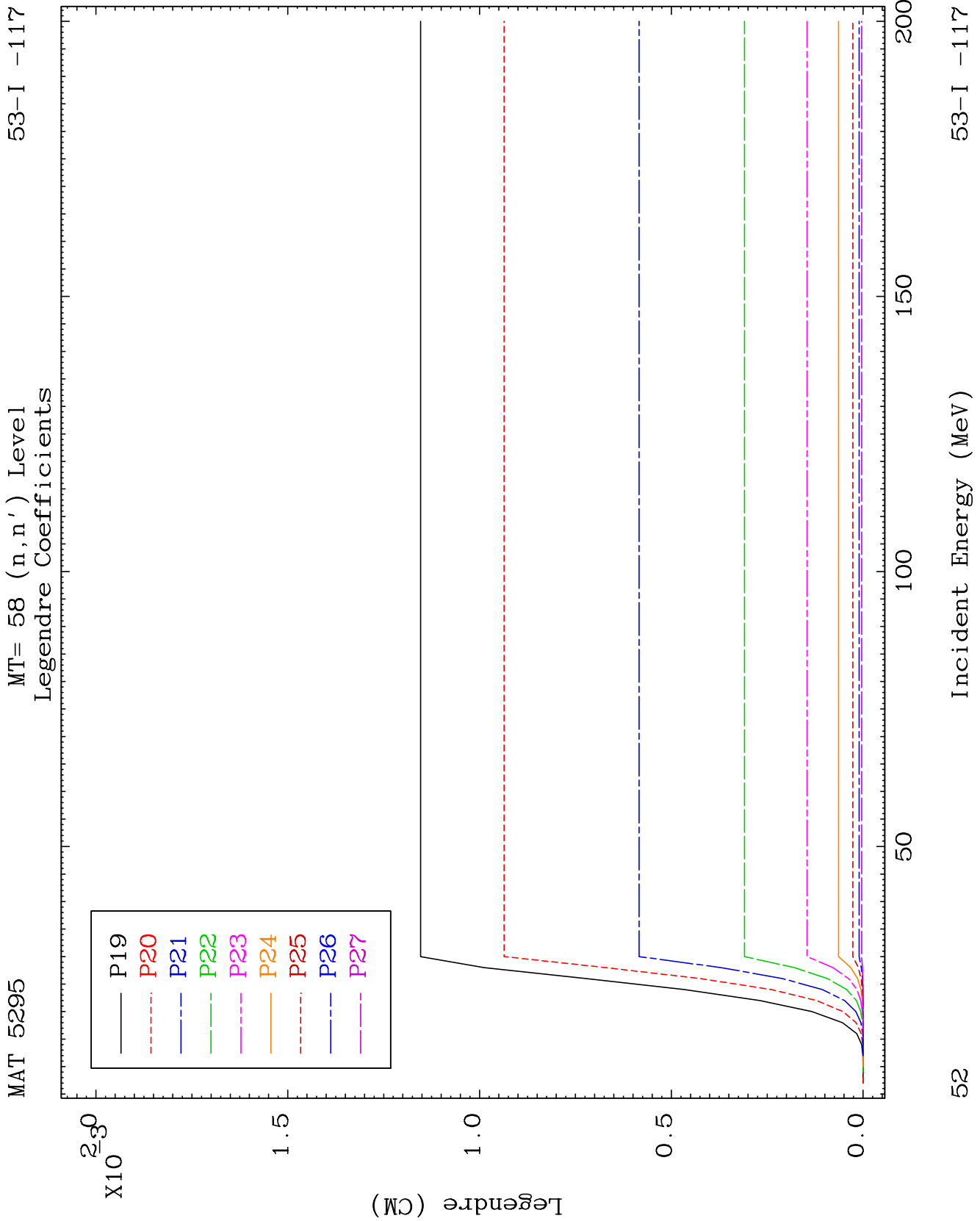


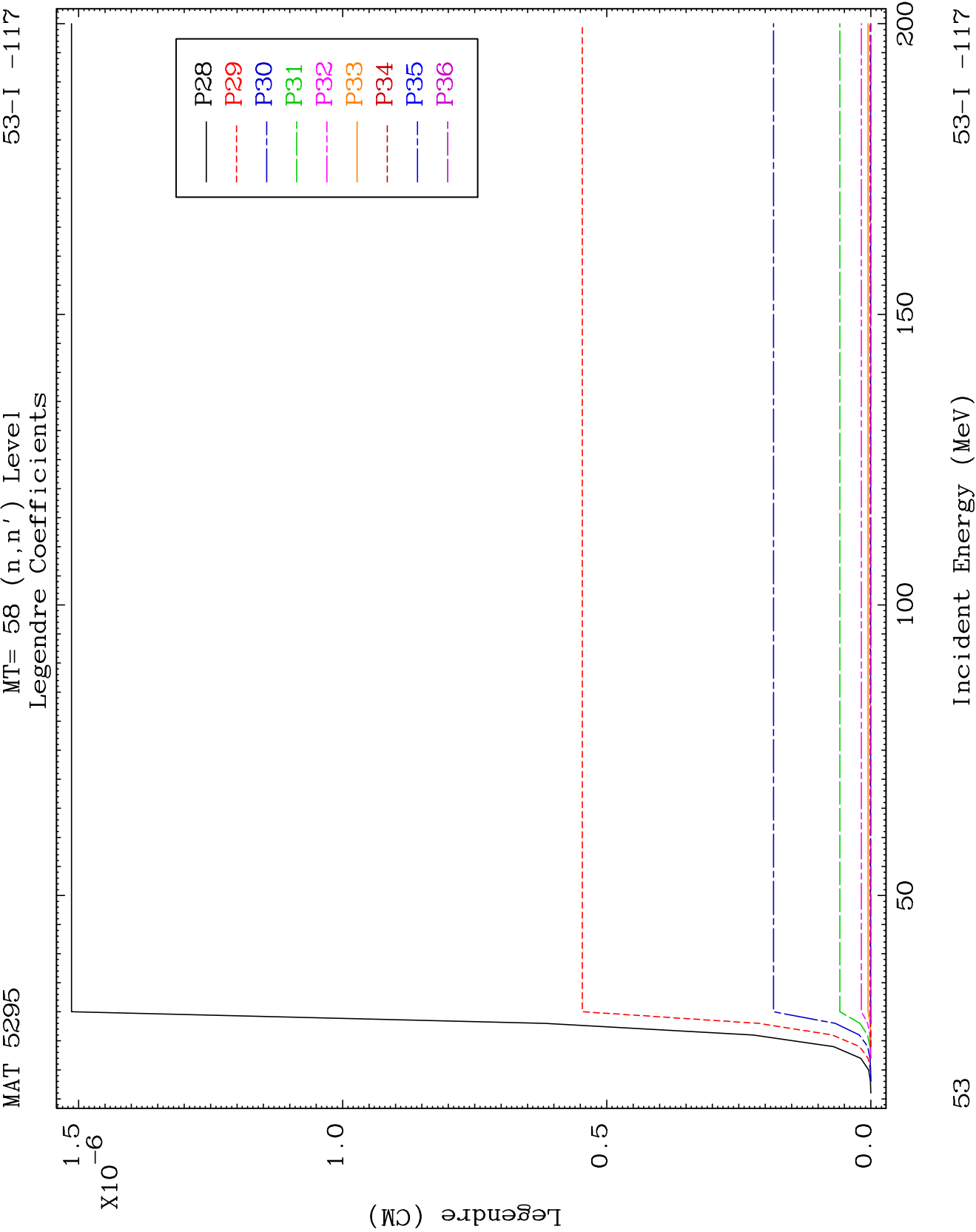
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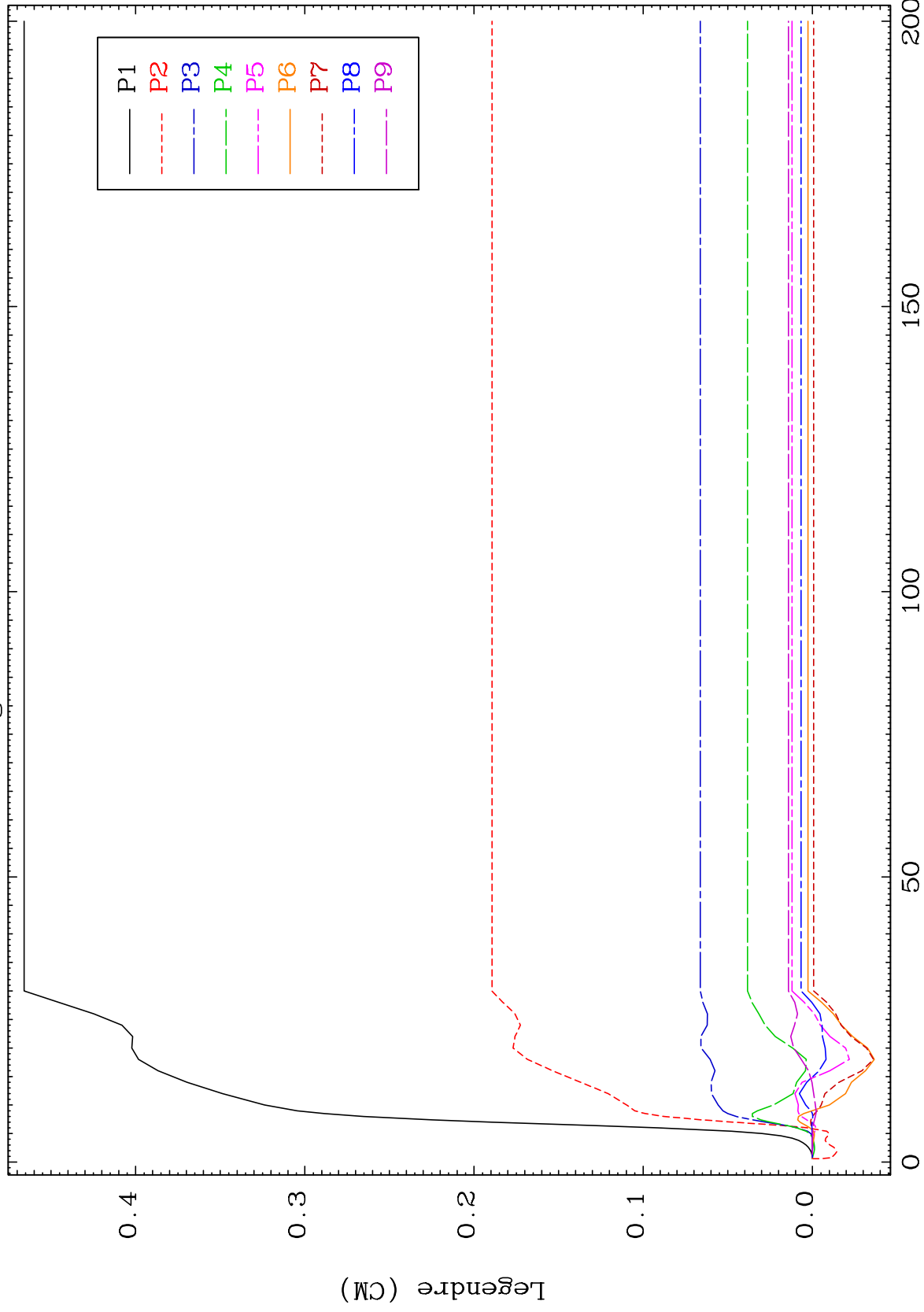
MT= 58 (n, n') Level
Legendre Coefficients

53-I -117





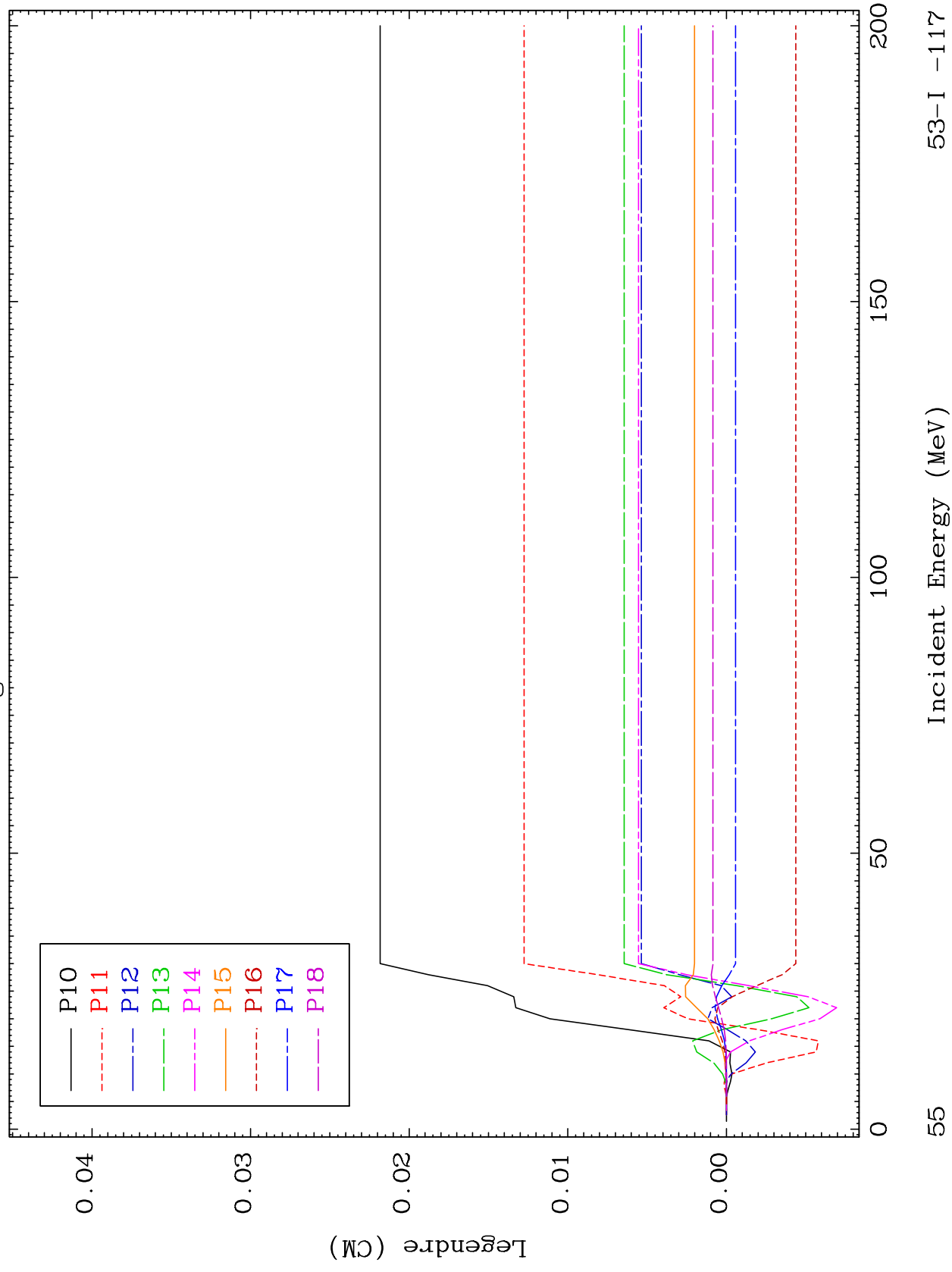




MAT 5295

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

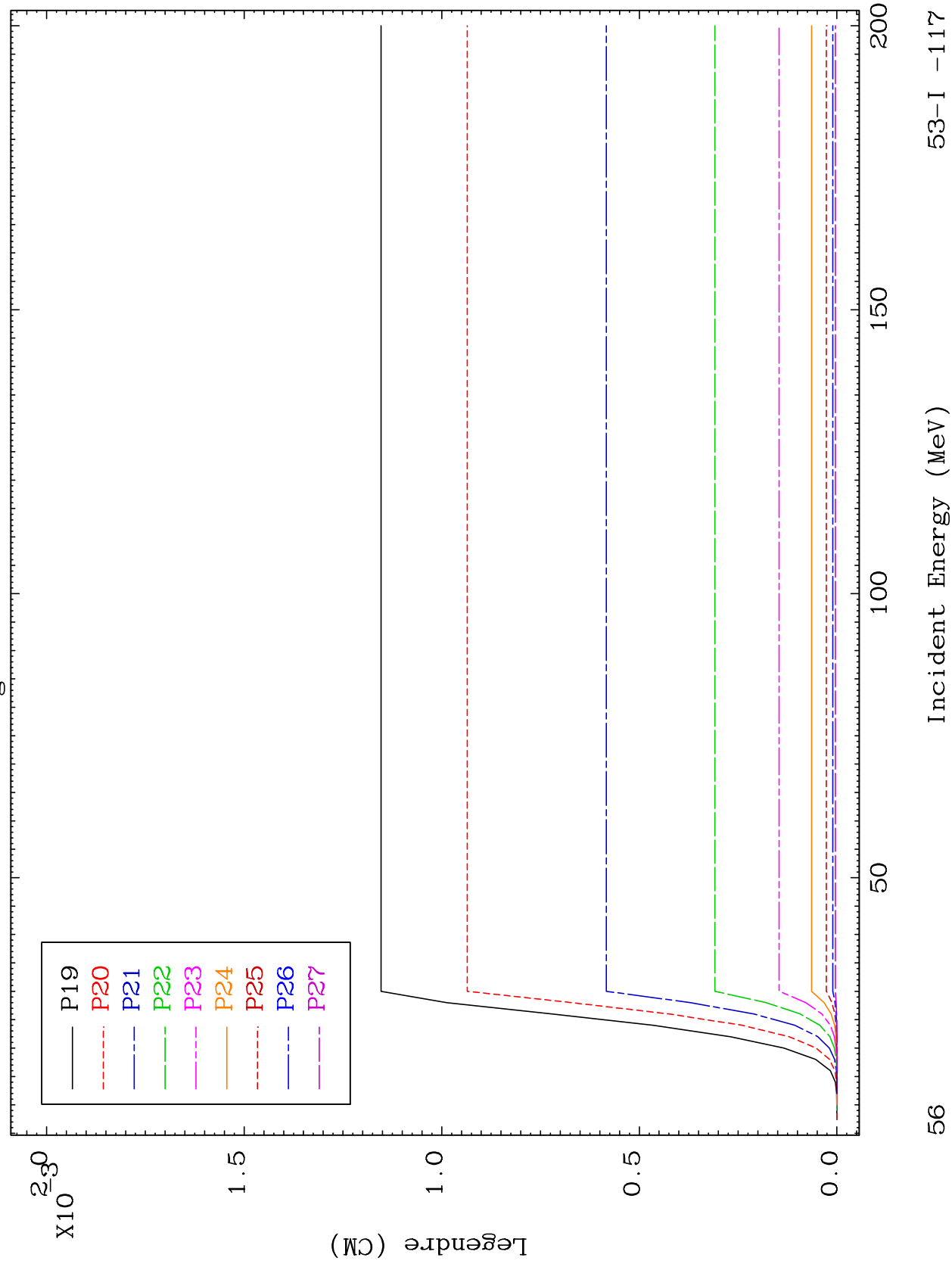
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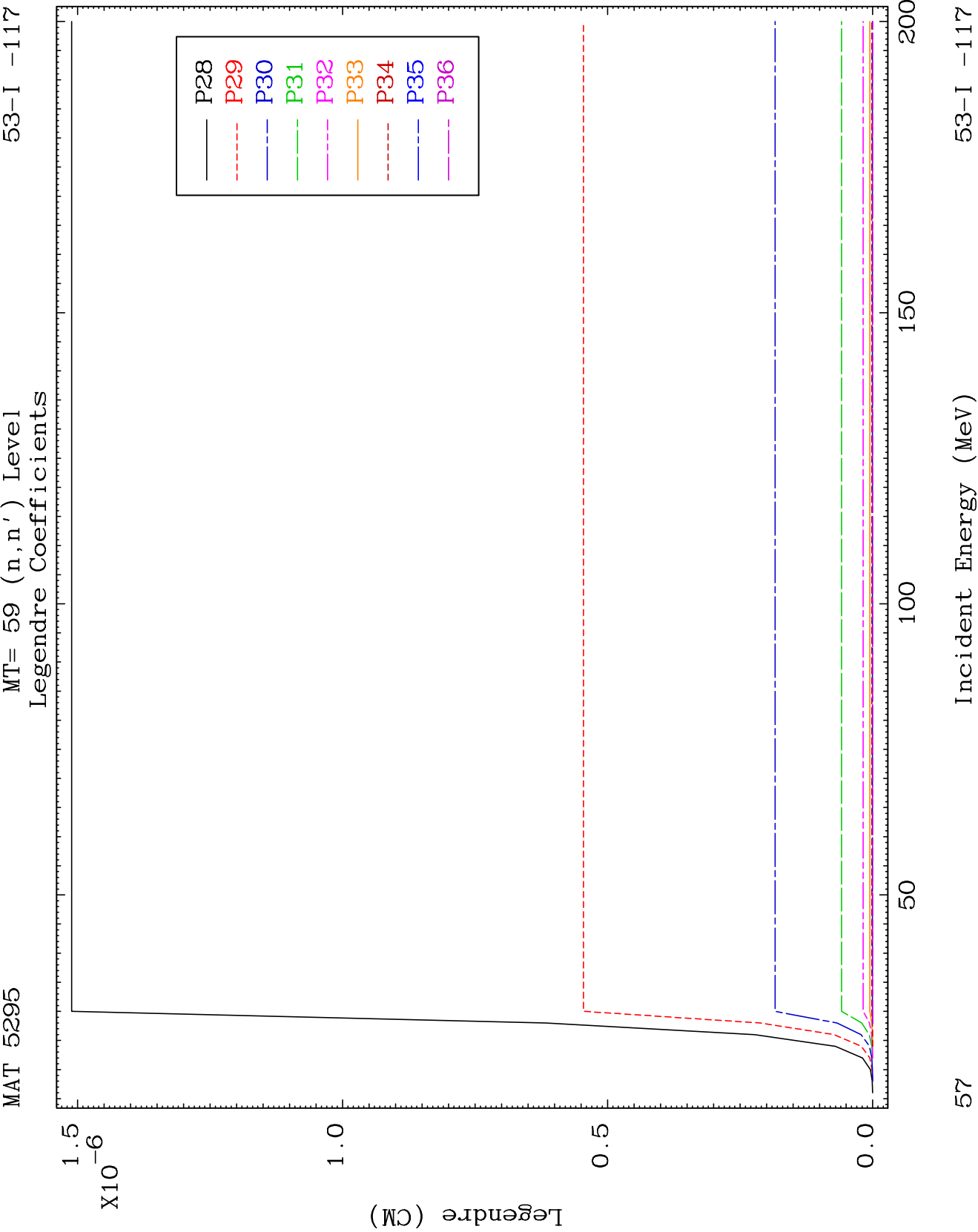


MAT 5295

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

53-I -117

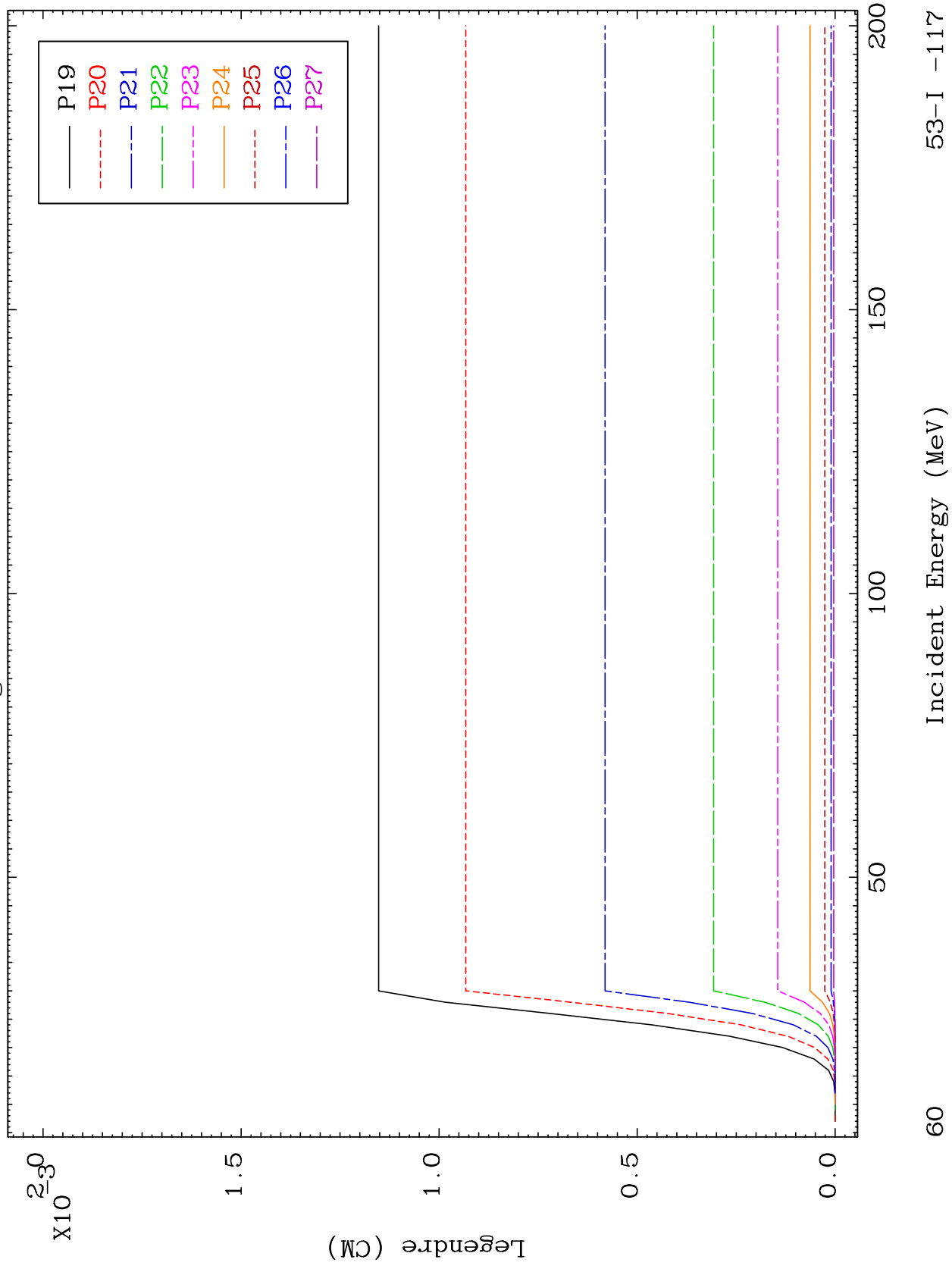


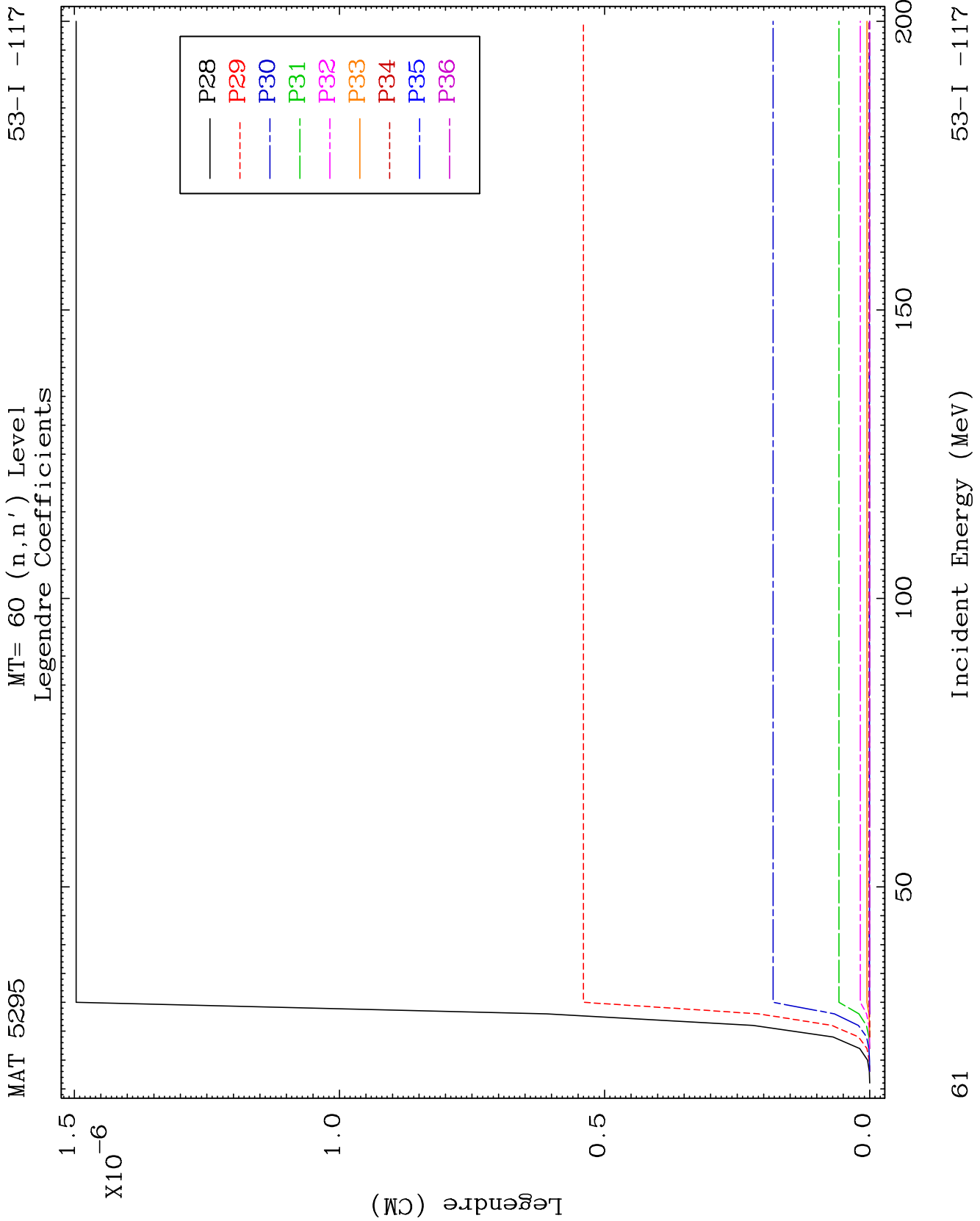


MAT 5295

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

53-I -117

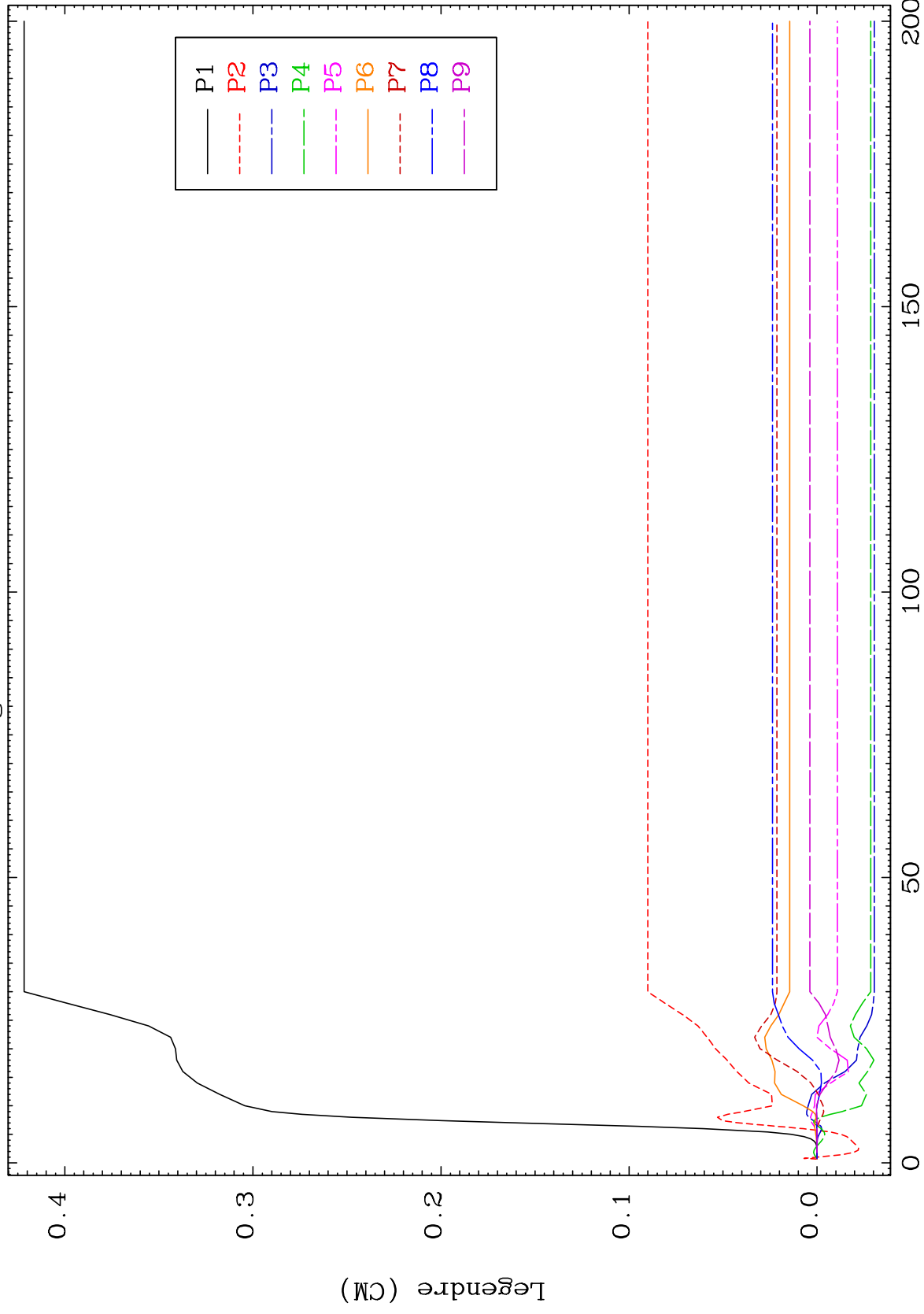




MAT 5295

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Legendre Coefficients

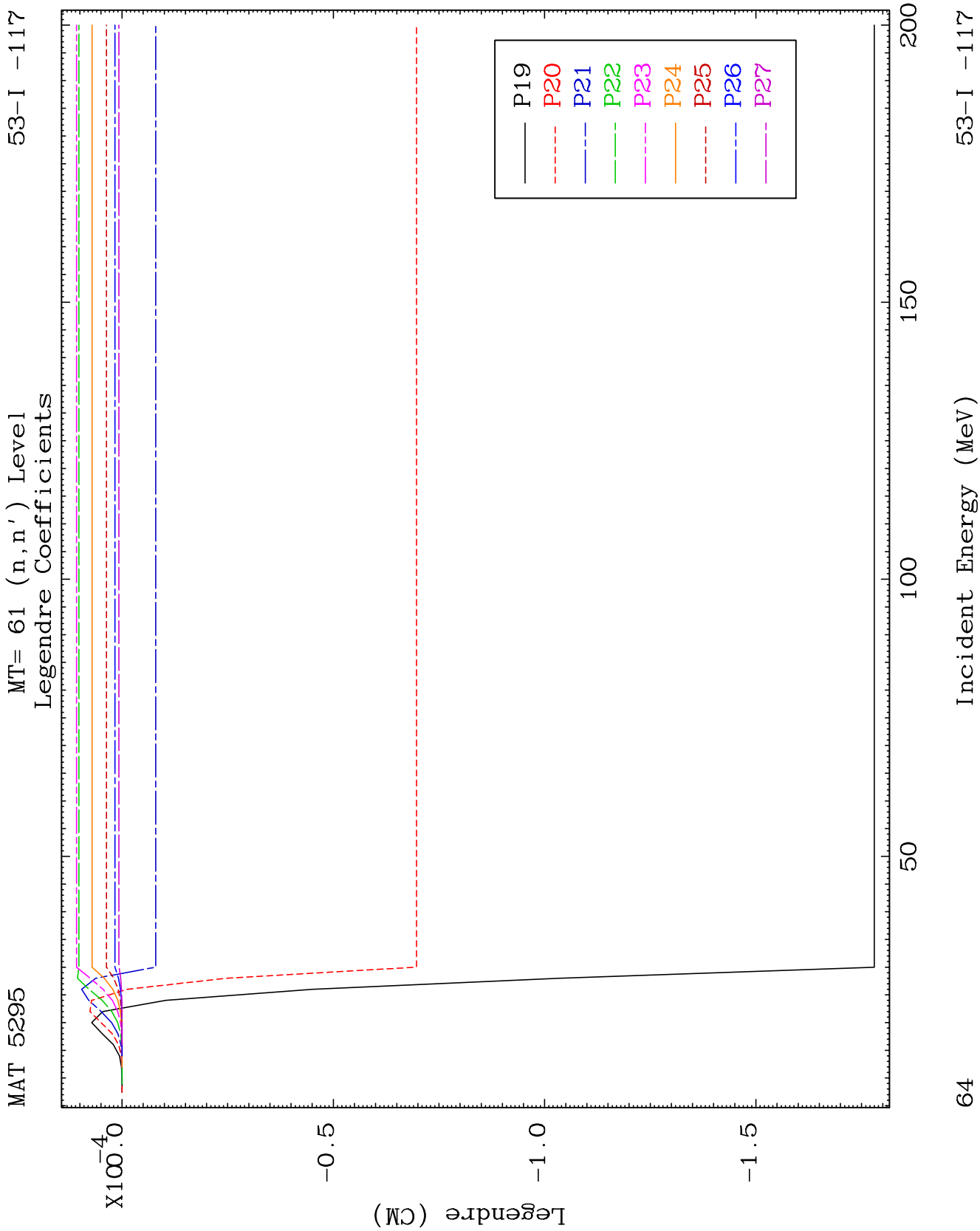
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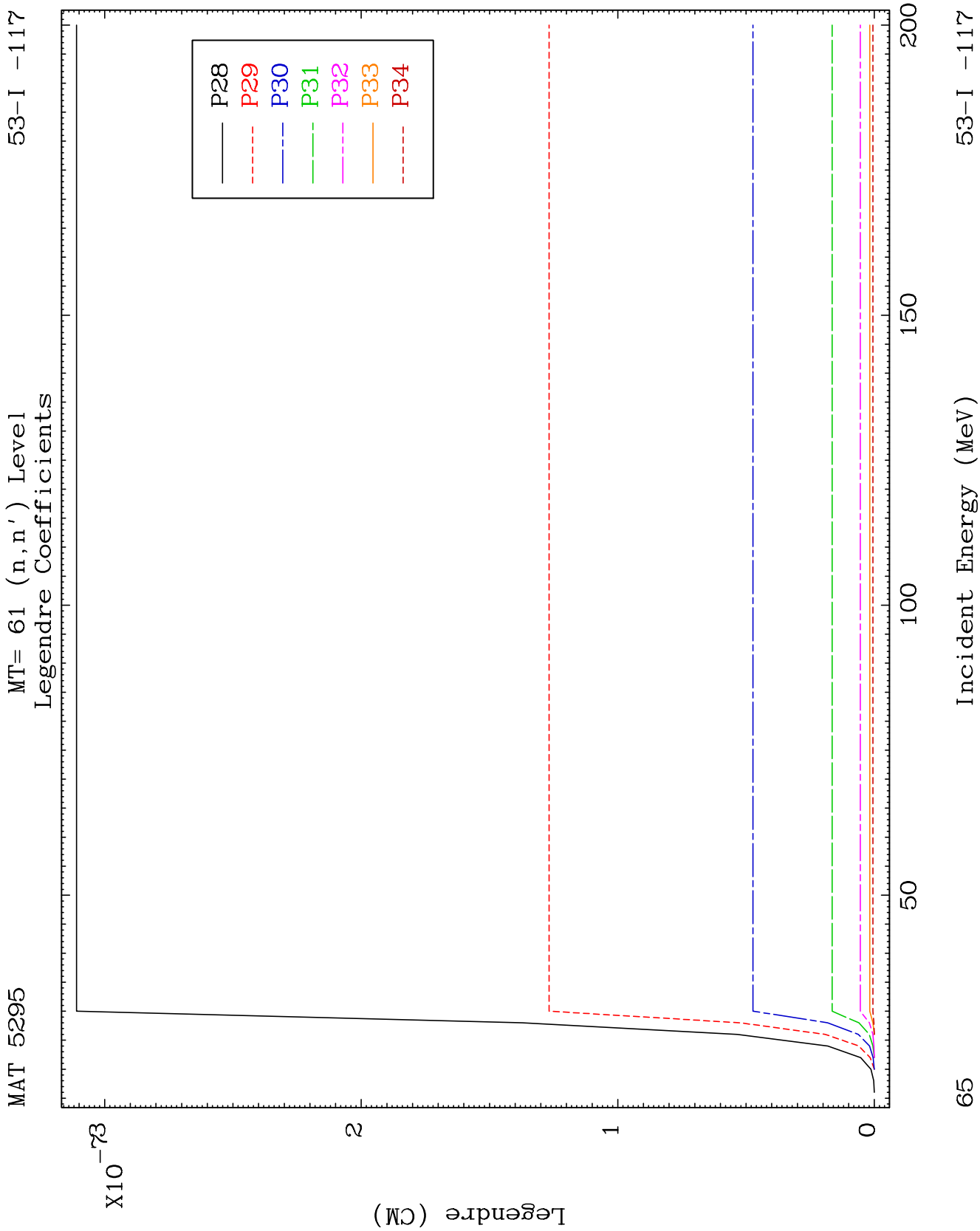


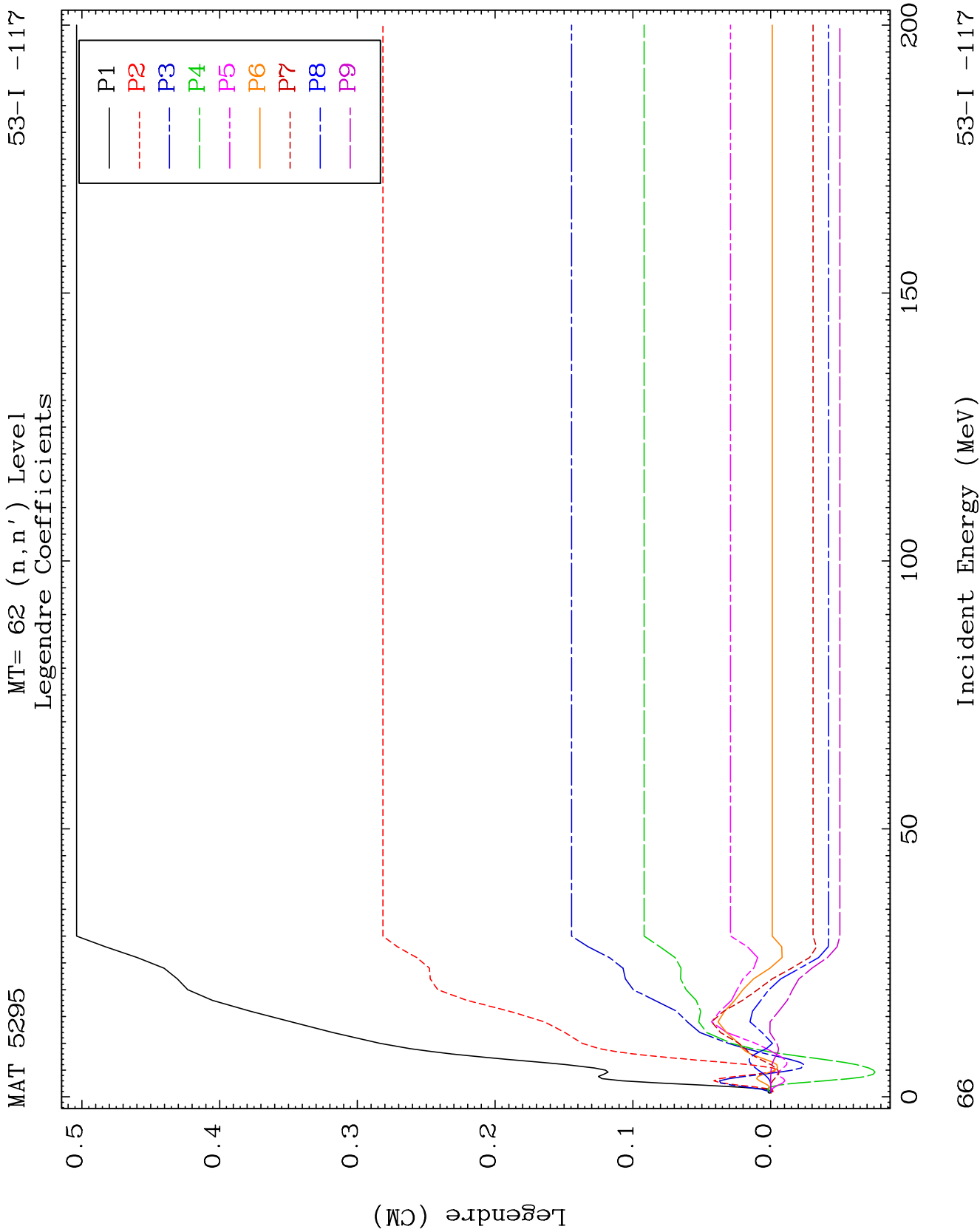
Incident Energy (MeV)

53-I -117

62



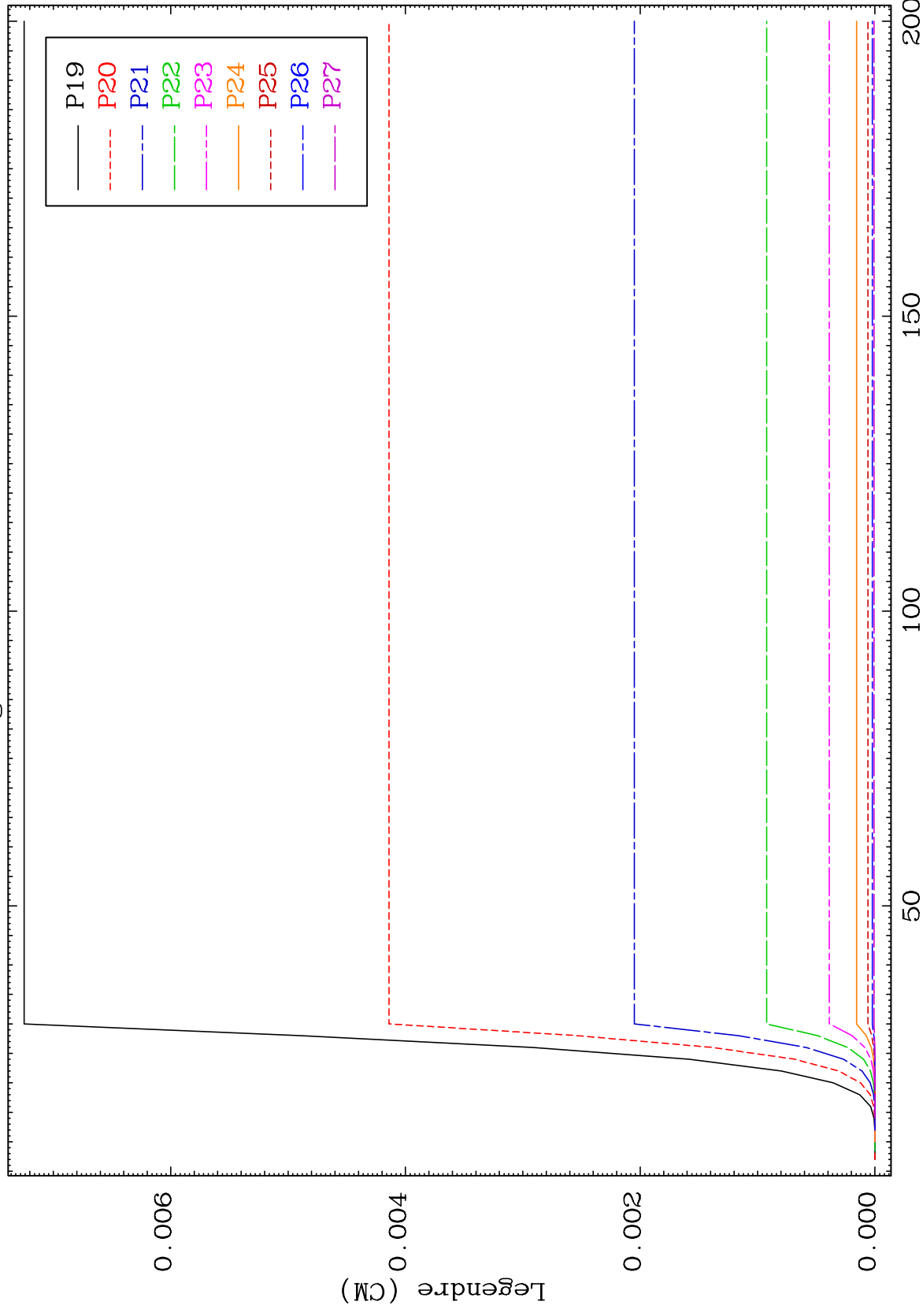




MAT 5295

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

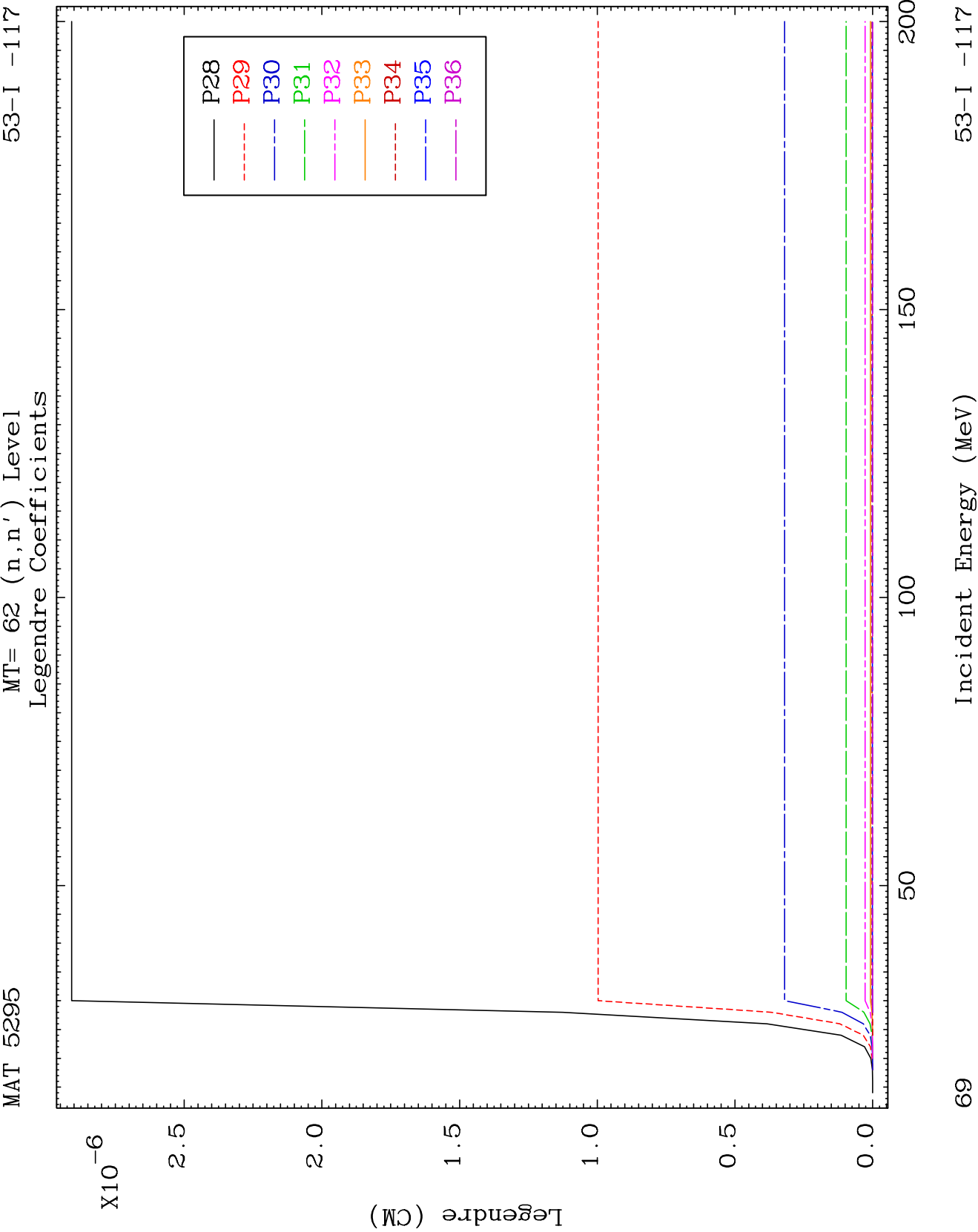
53-I -117



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Incident Energy (MeV)

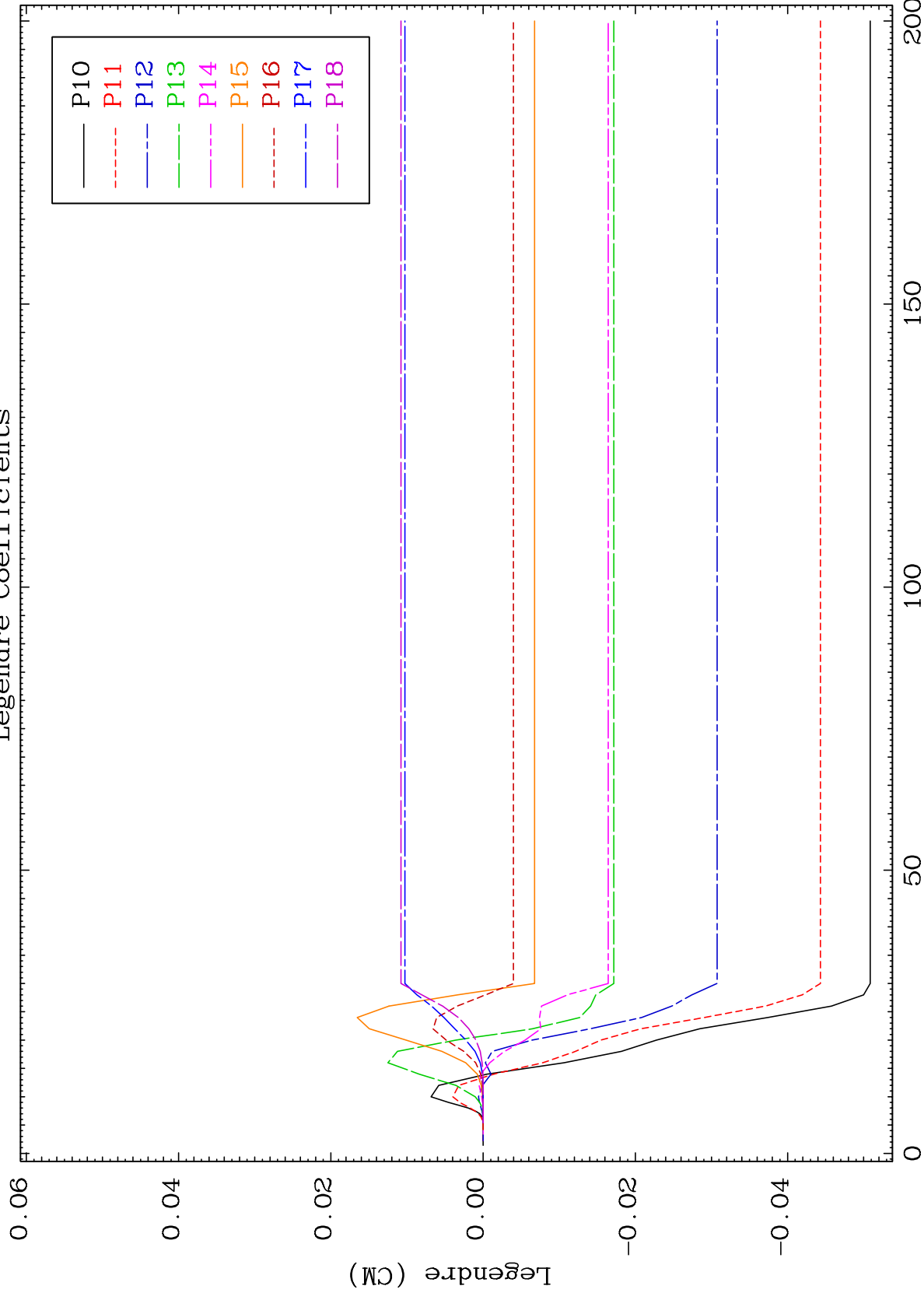
53-I -117



MAT 5295

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

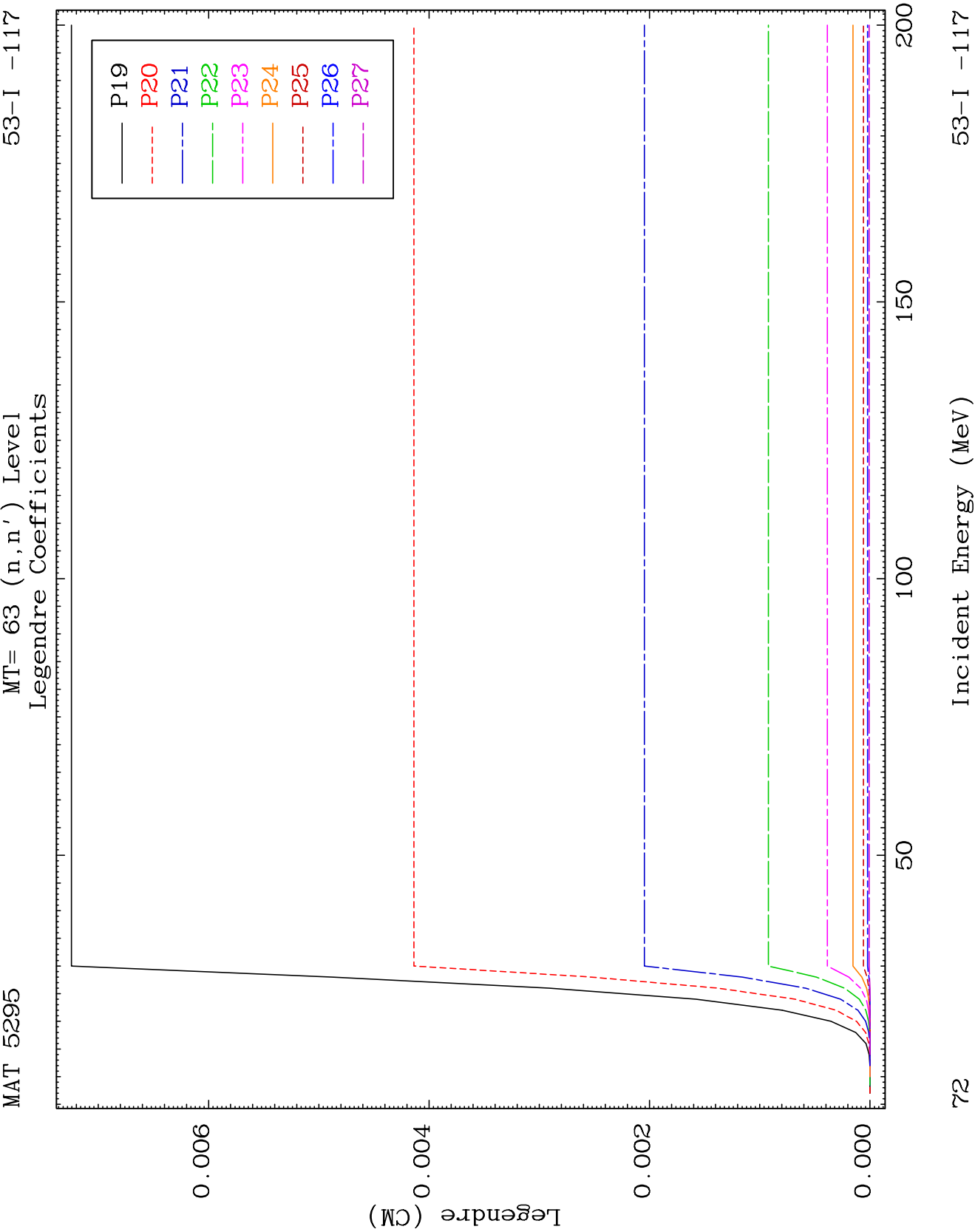
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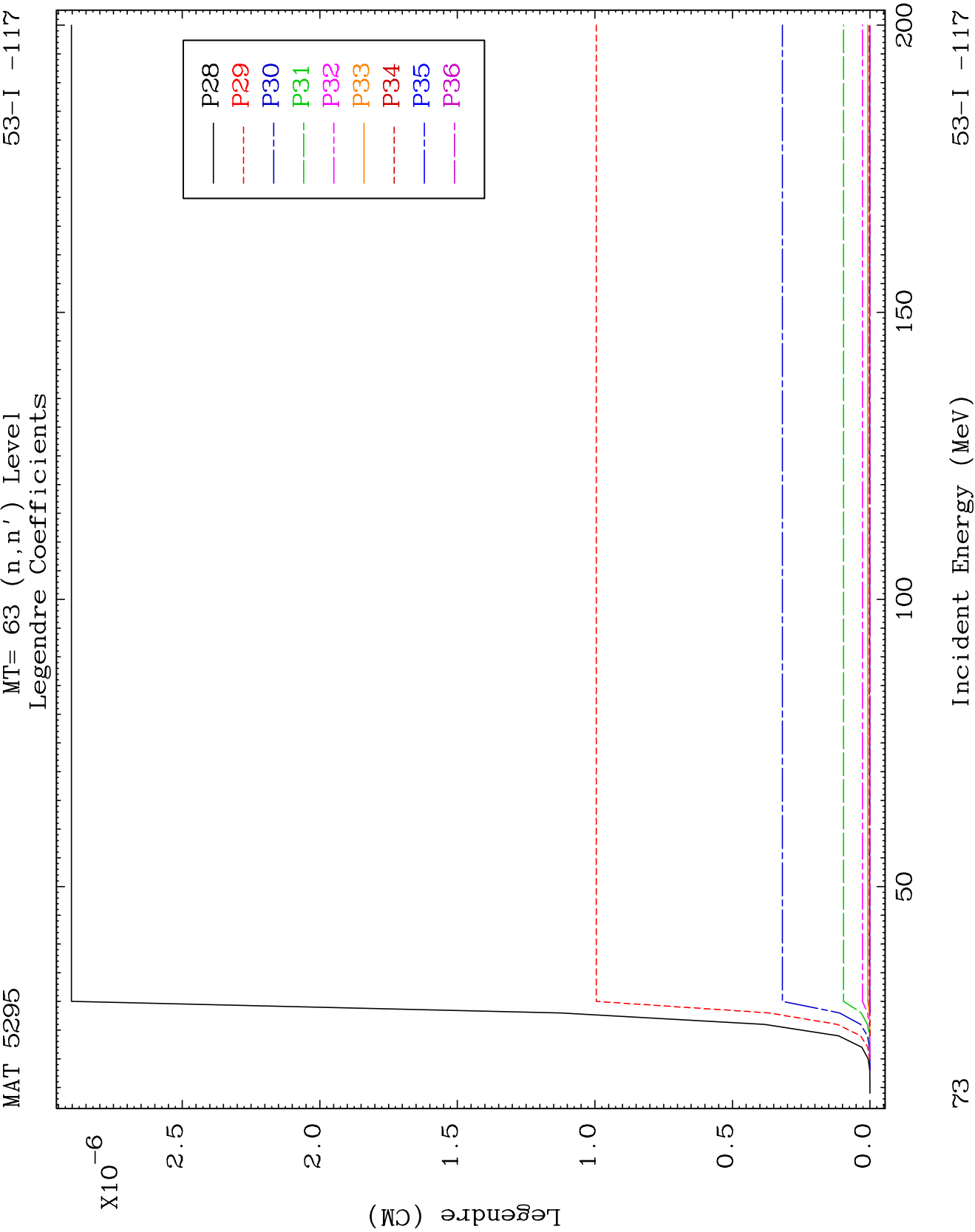


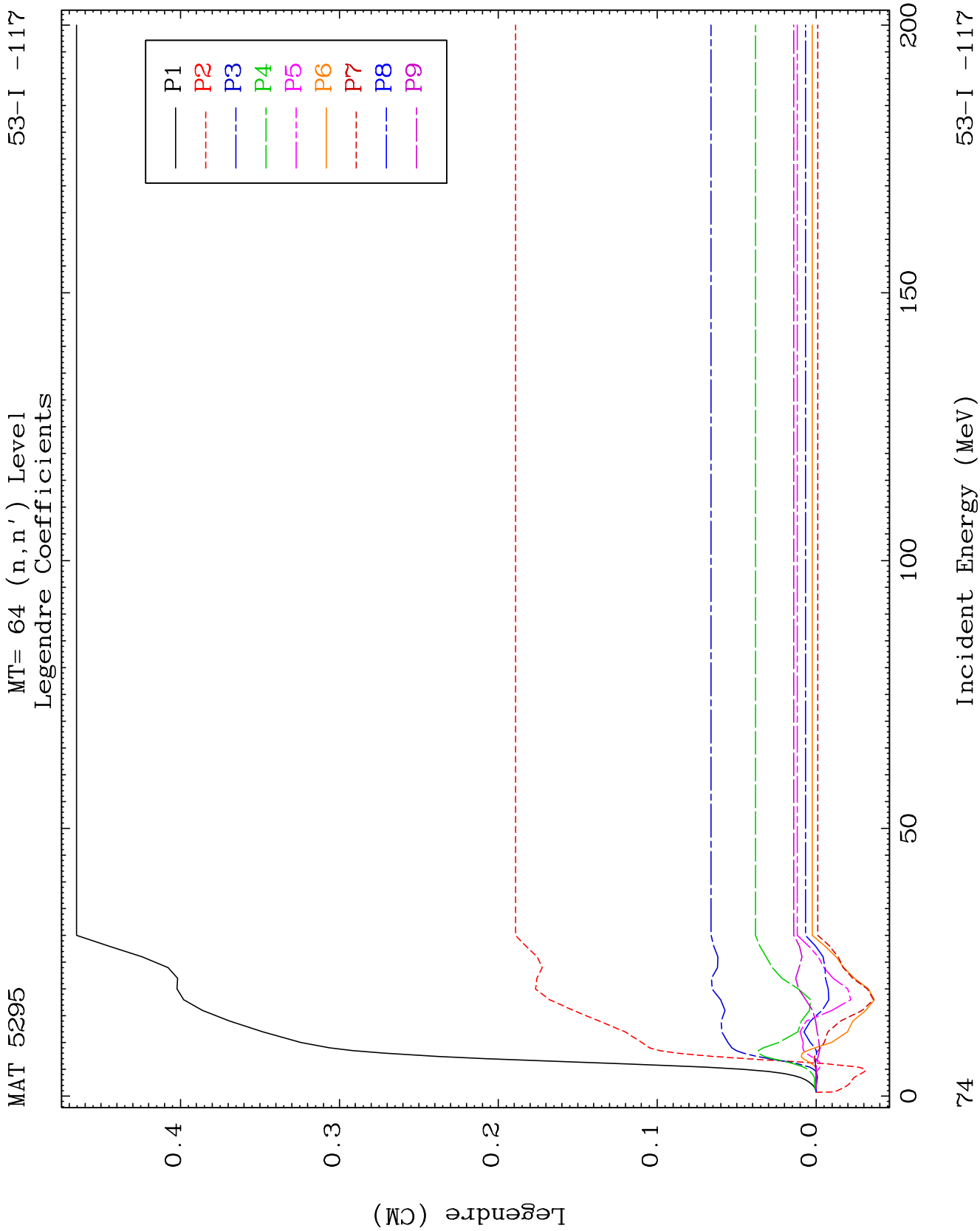
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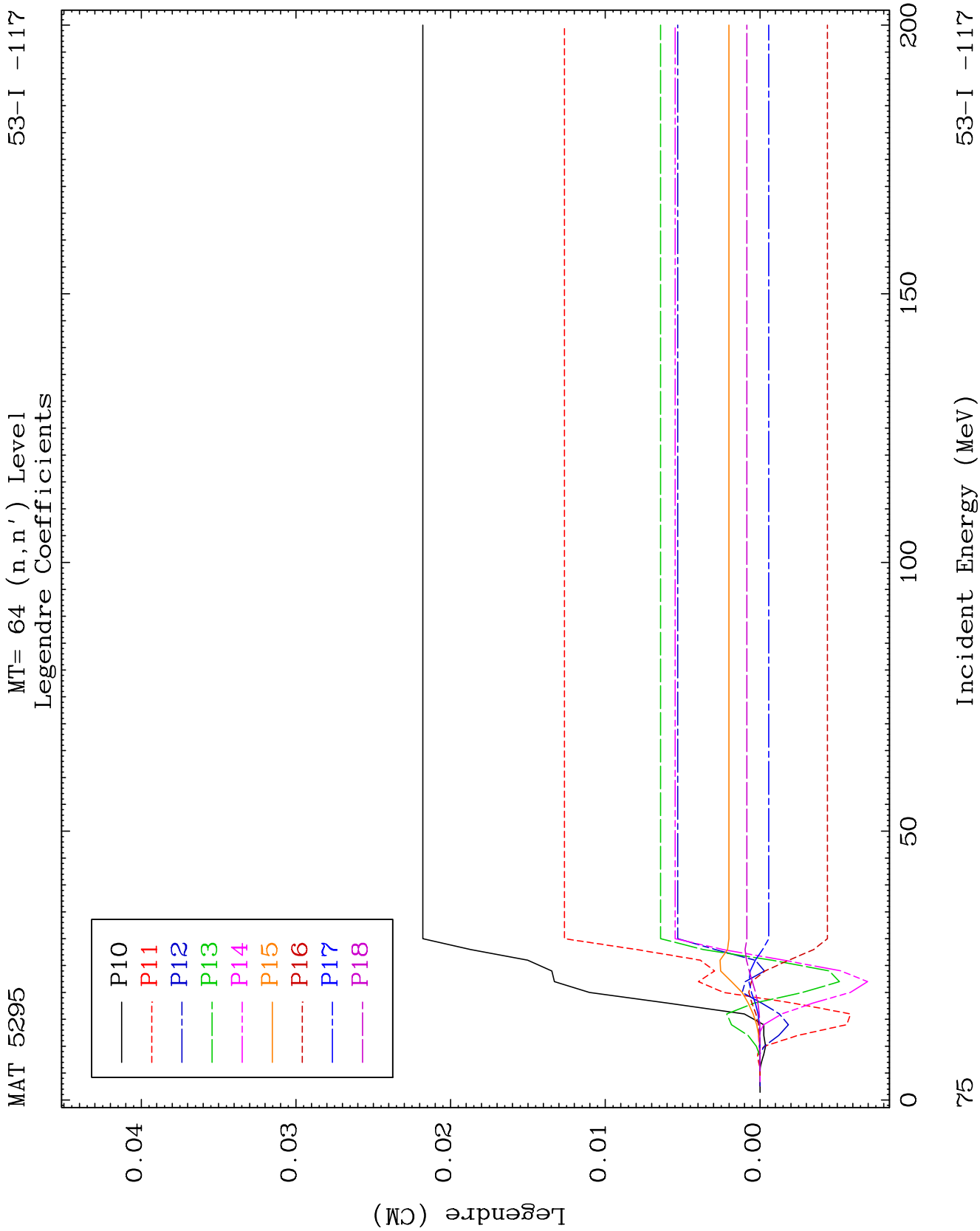
Incident Energy (MeV)

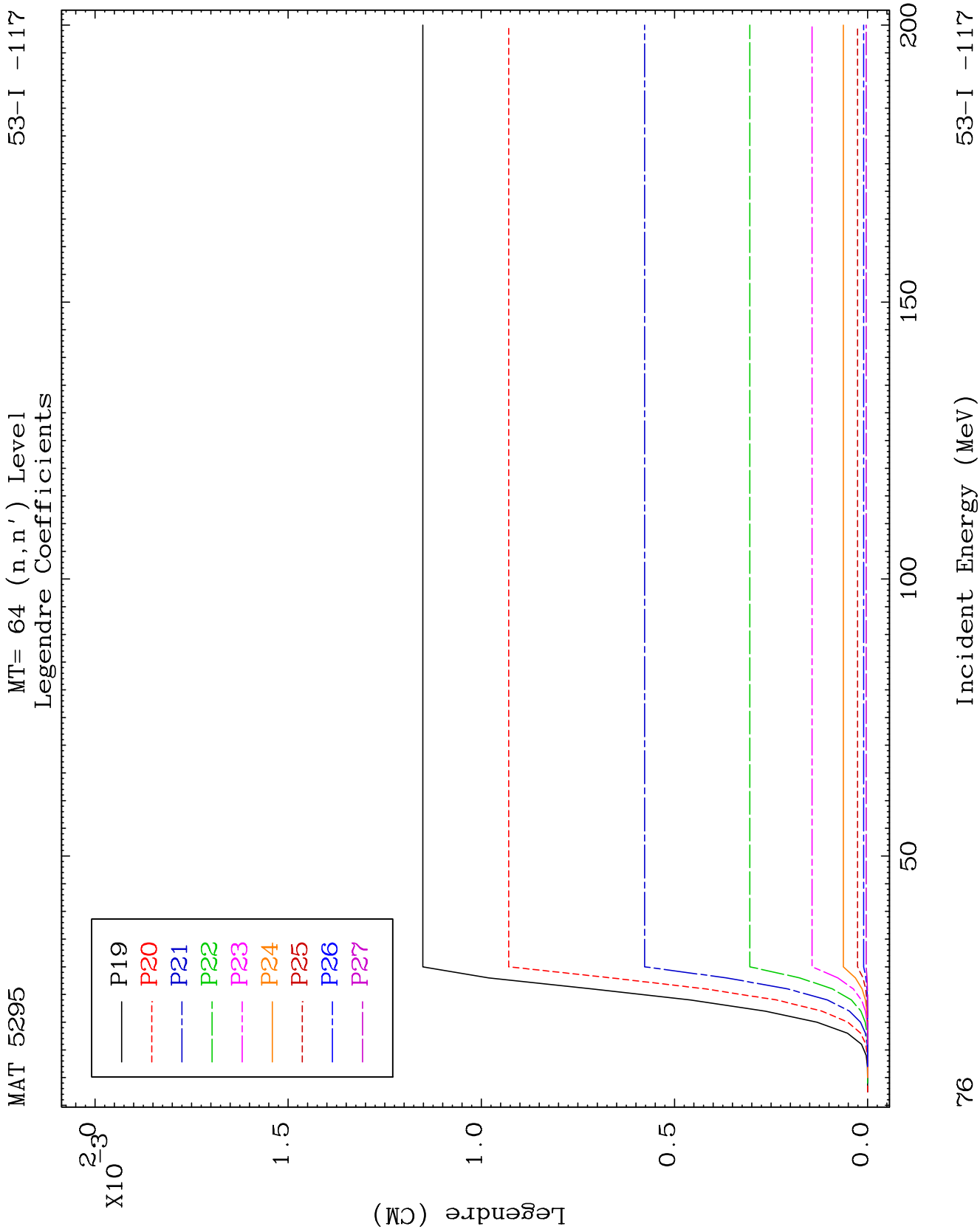
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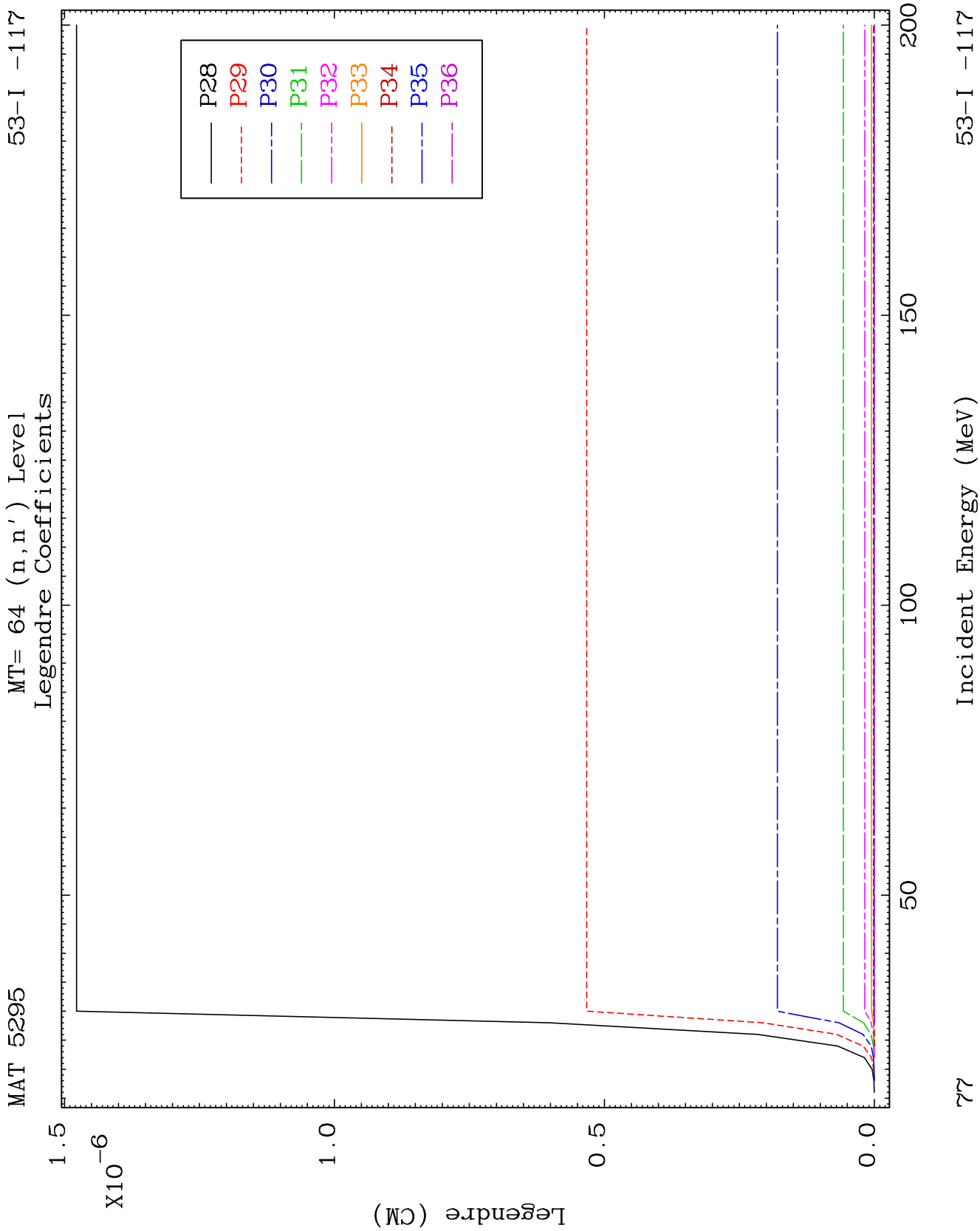


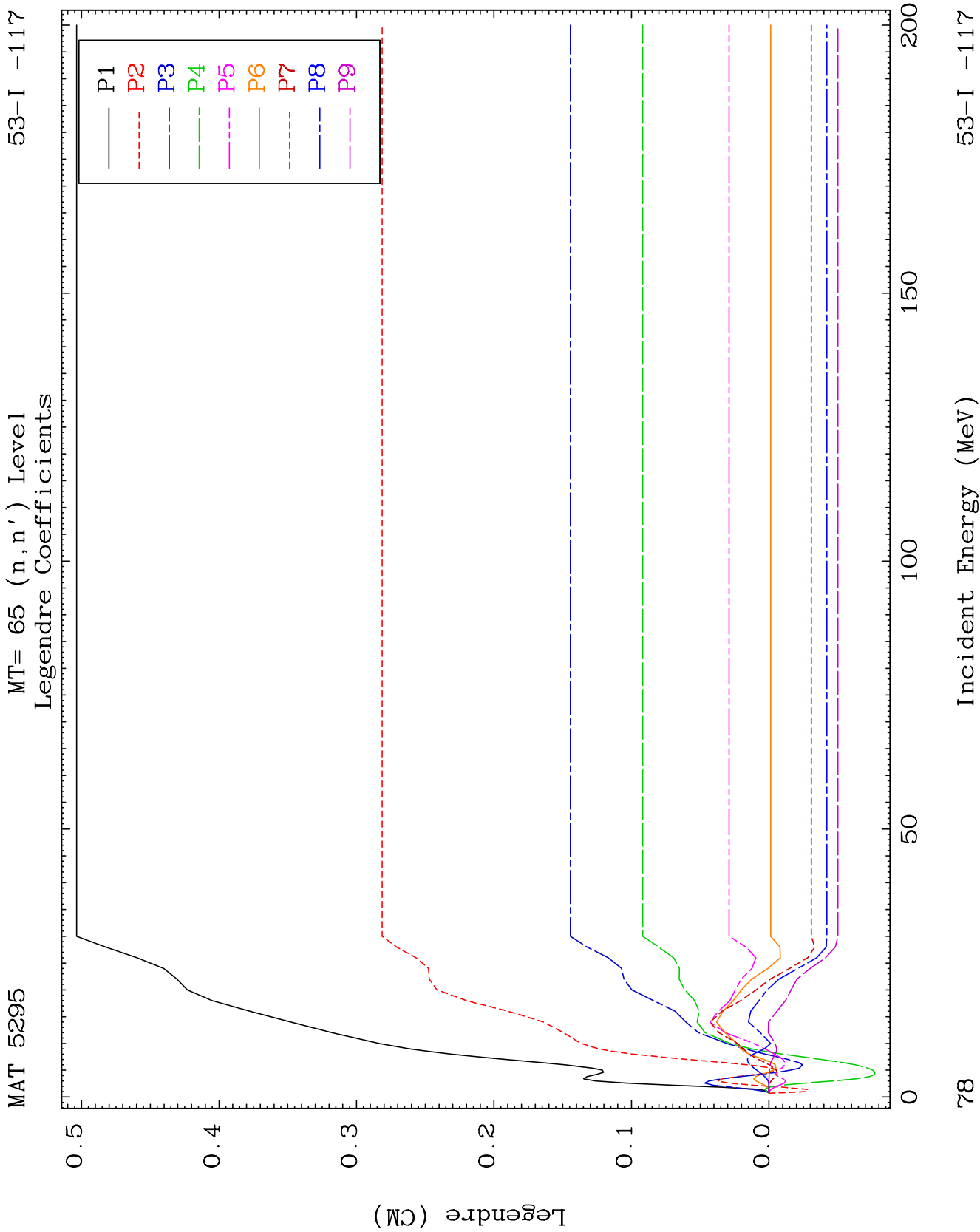








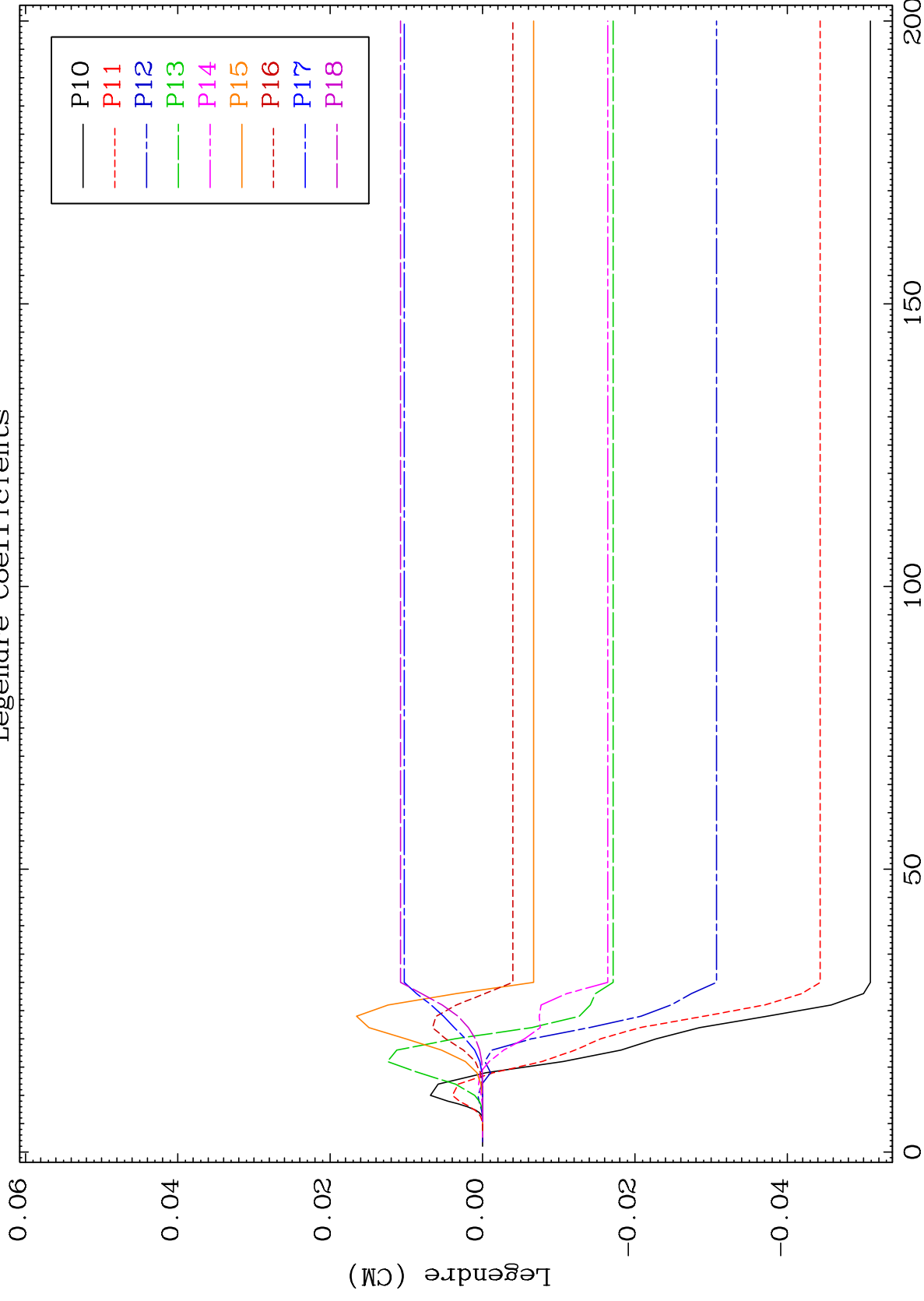




MAT 5295

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

53-I -117



62

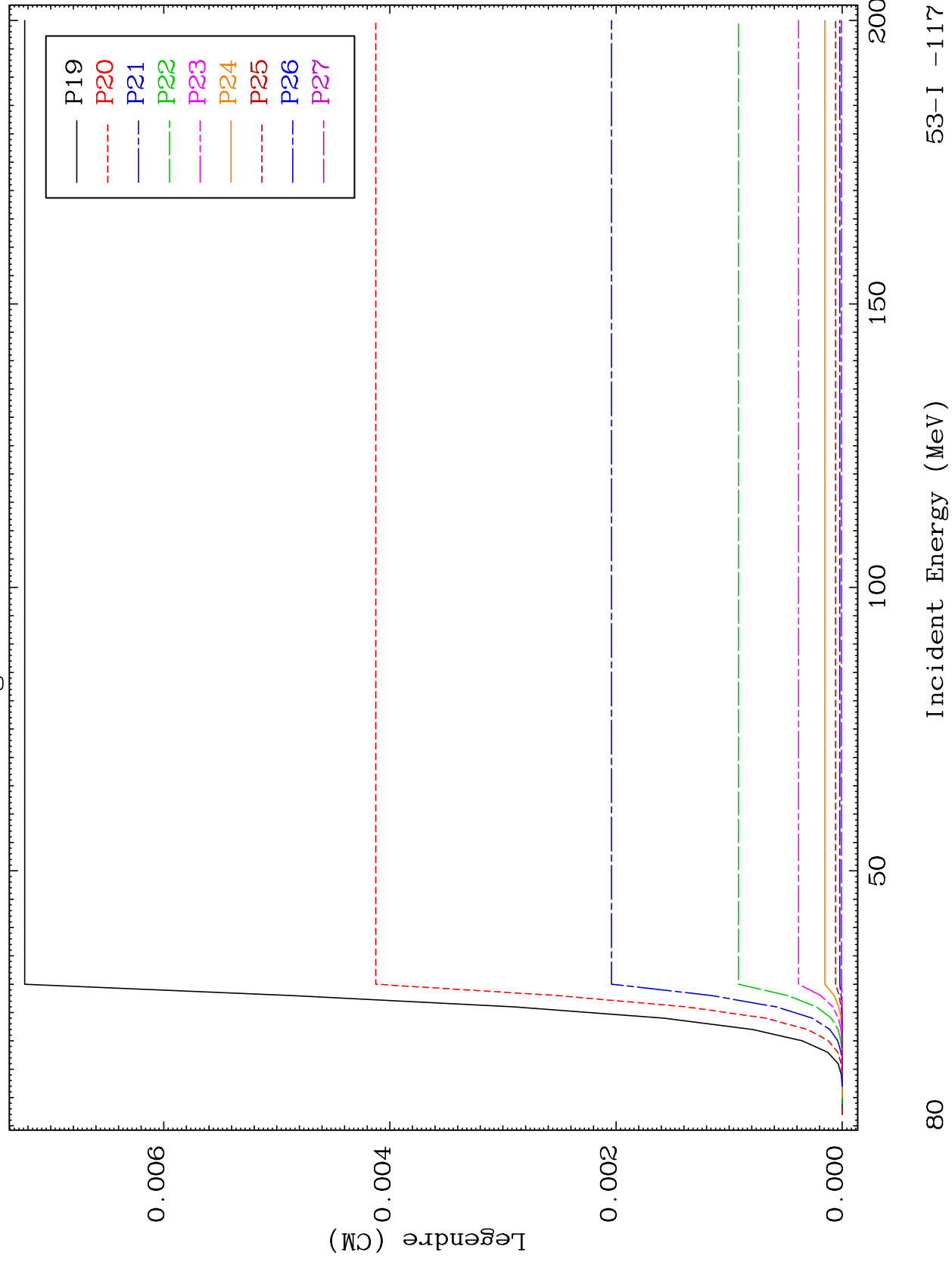
Incident Energy (MeV)

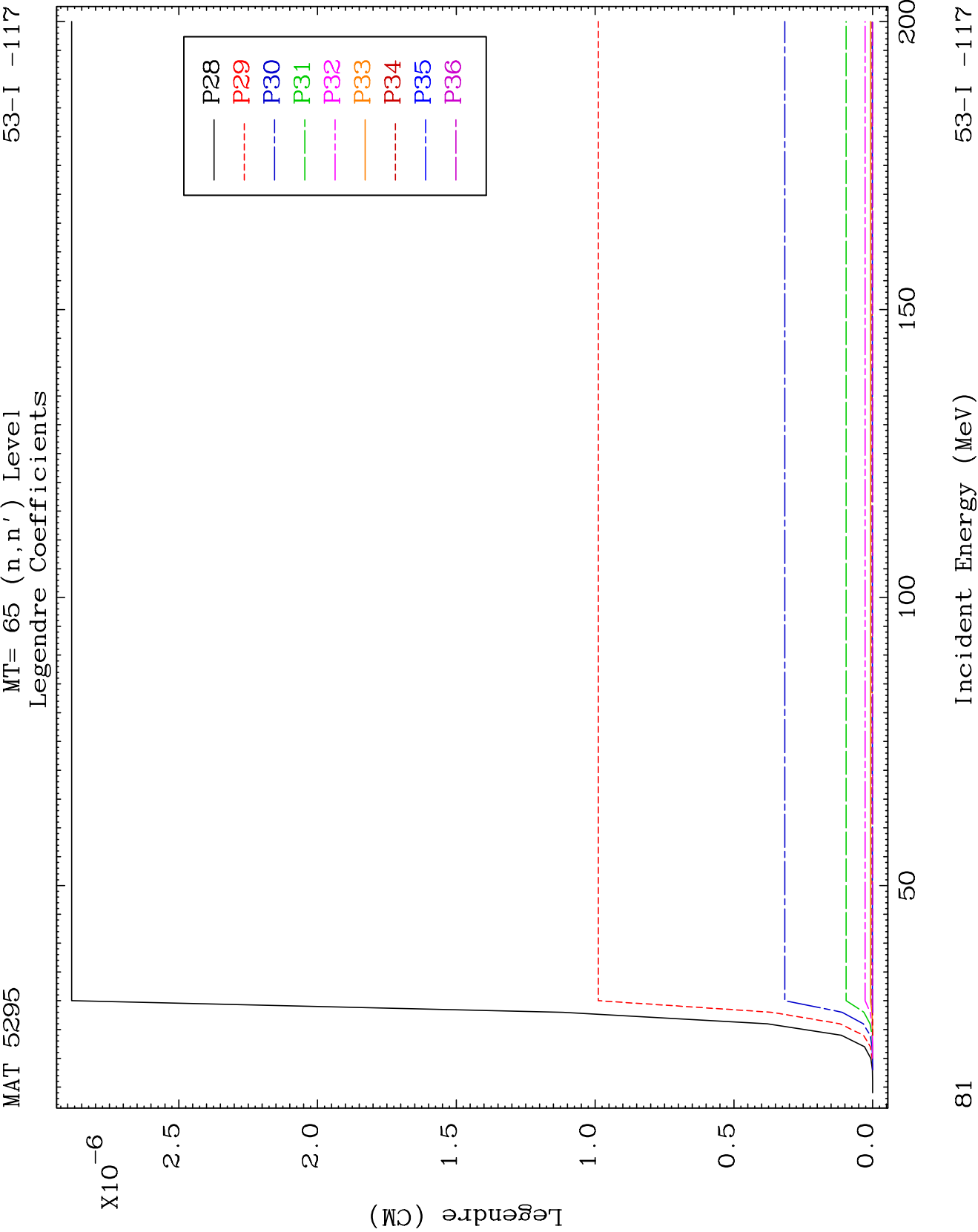
53-I -117

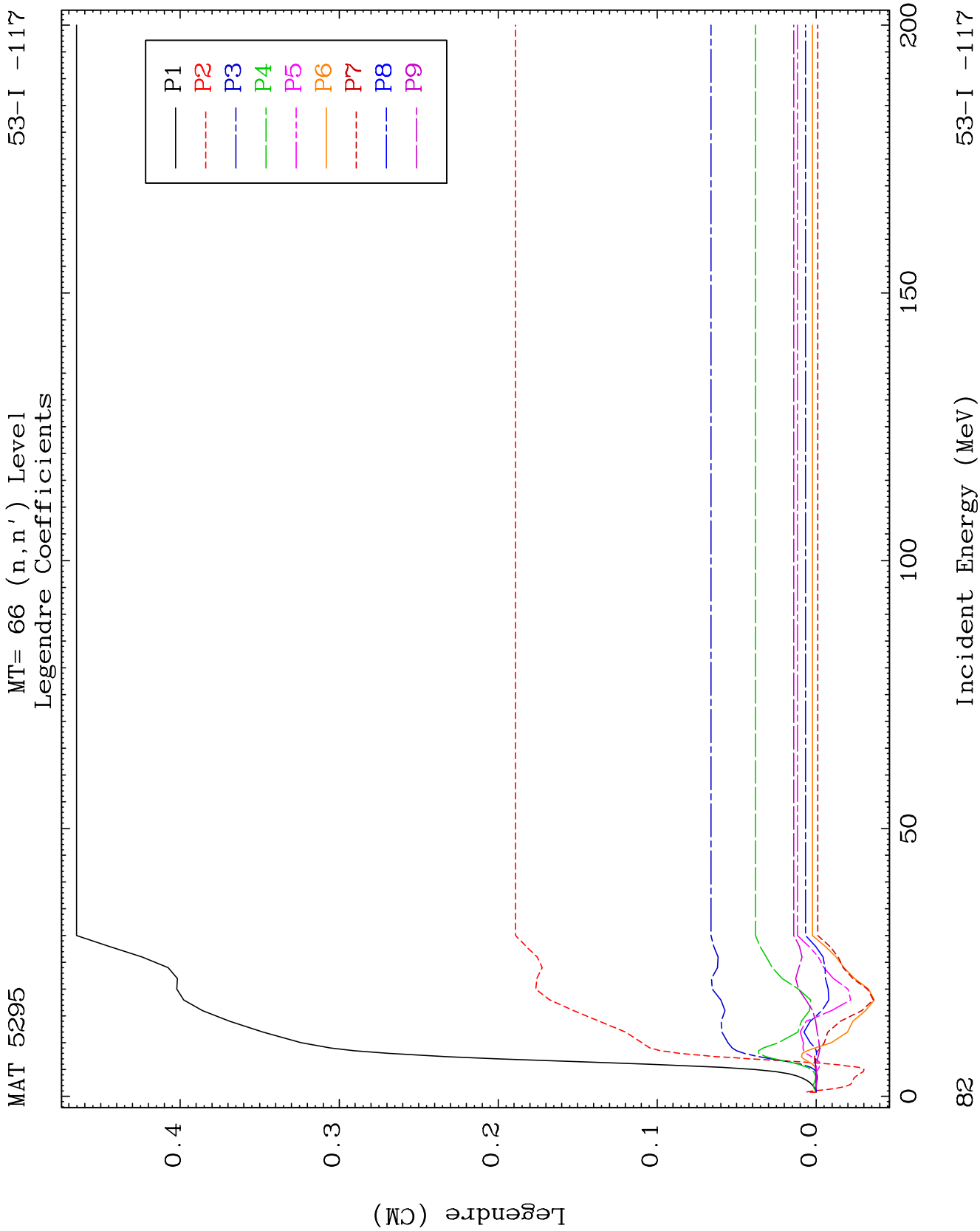
MAT 5295

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

53-I -117



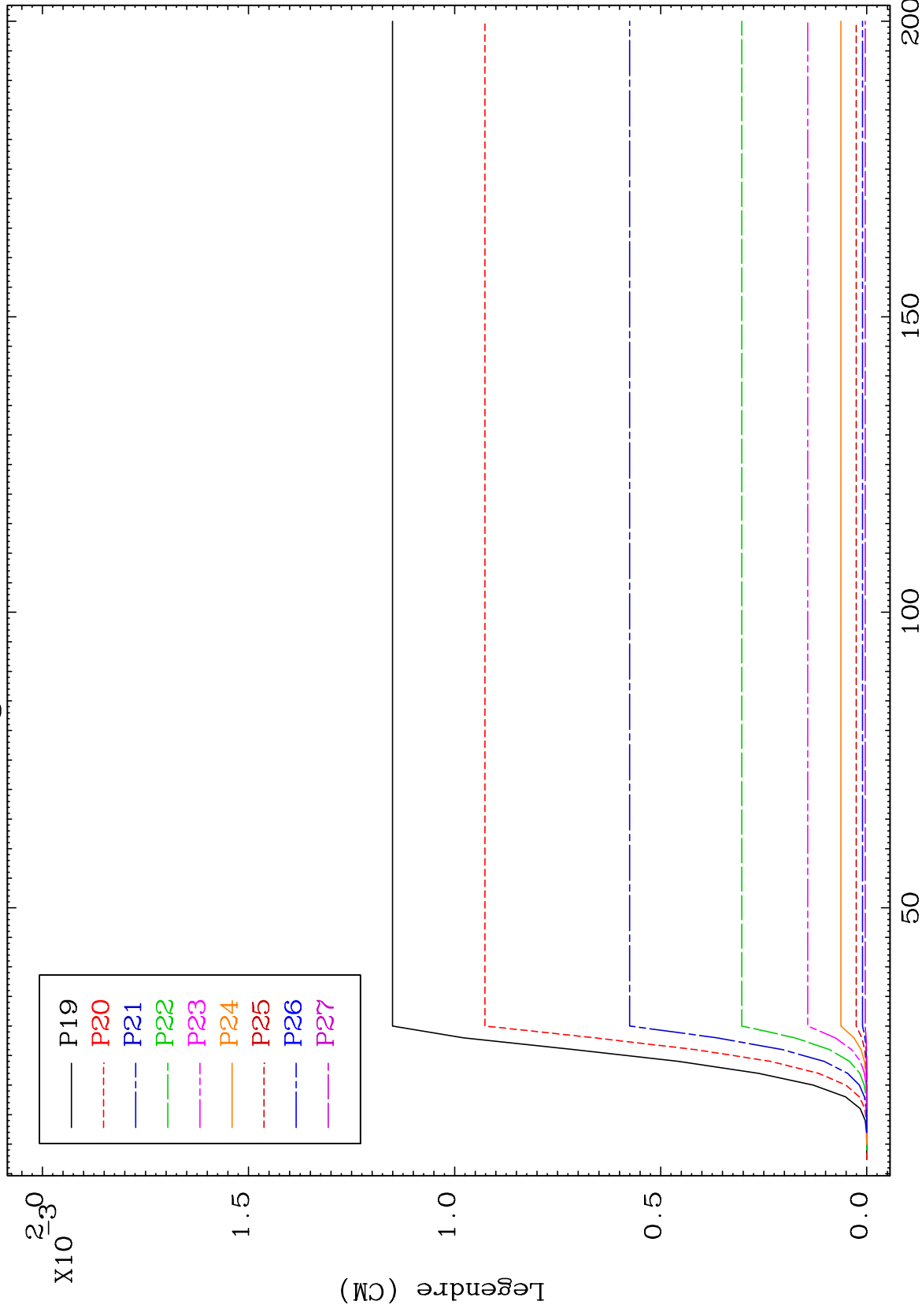




MAT 5295

MT= 66 (n, n') Level
Legendre Coefficients

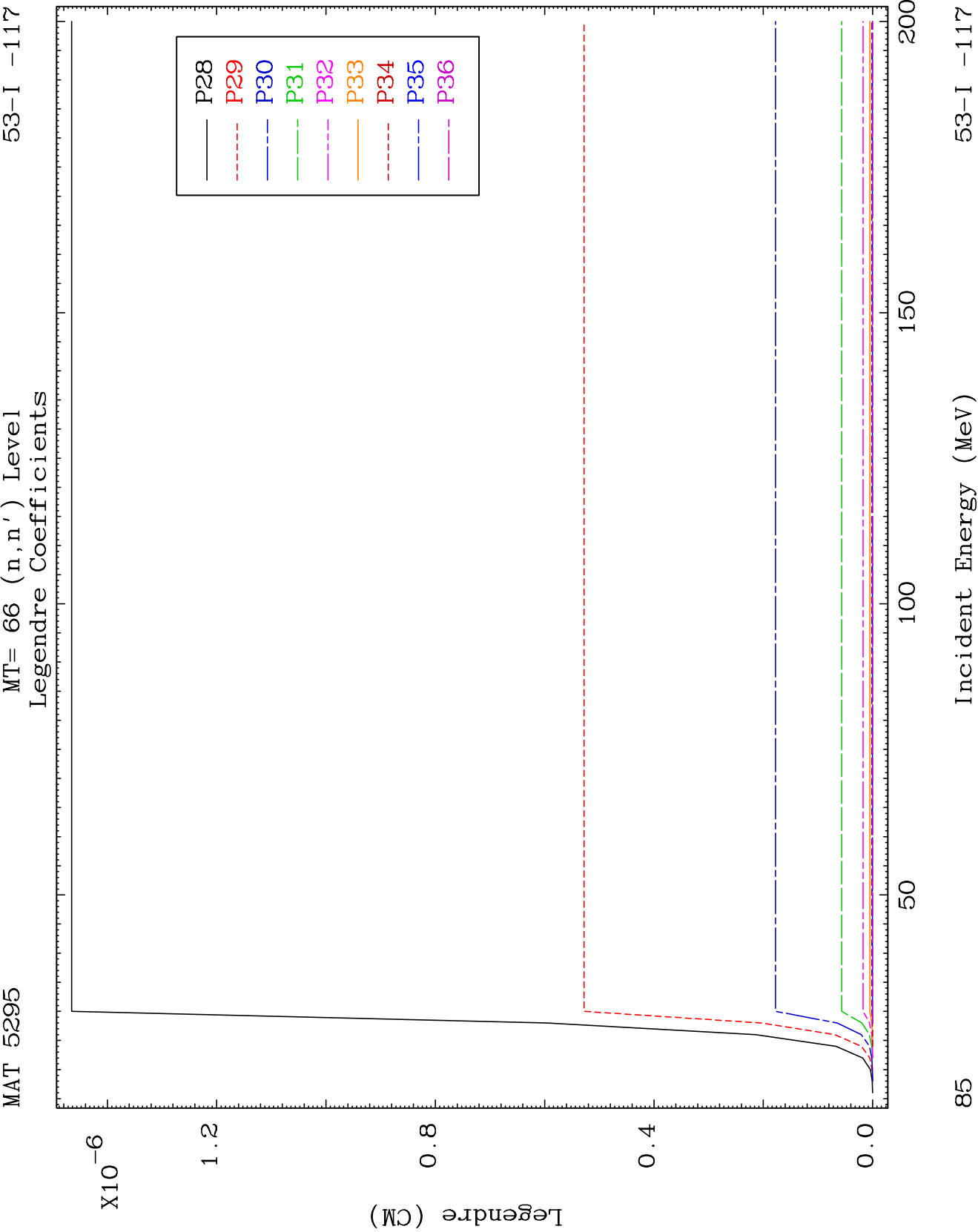
53-I -117

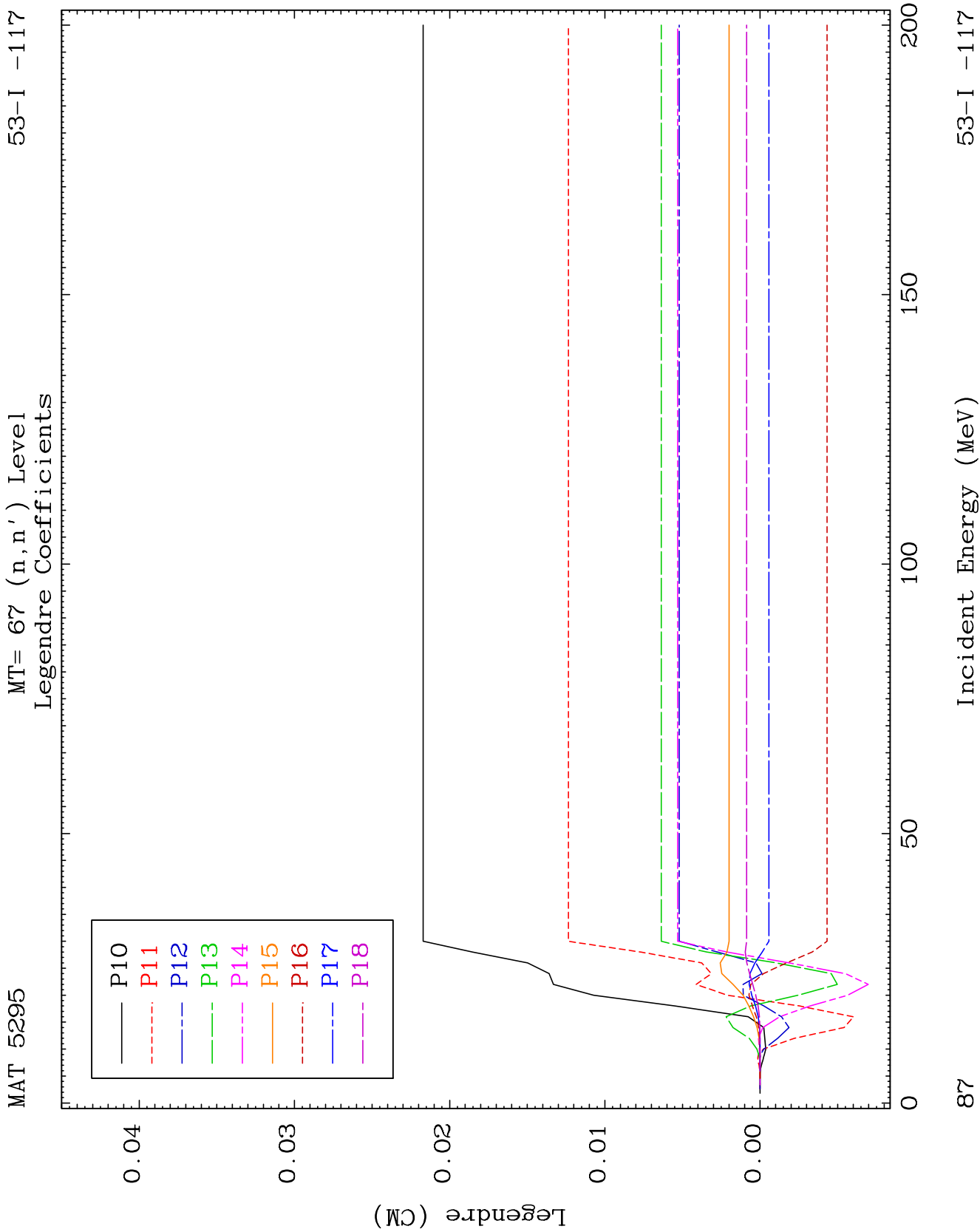


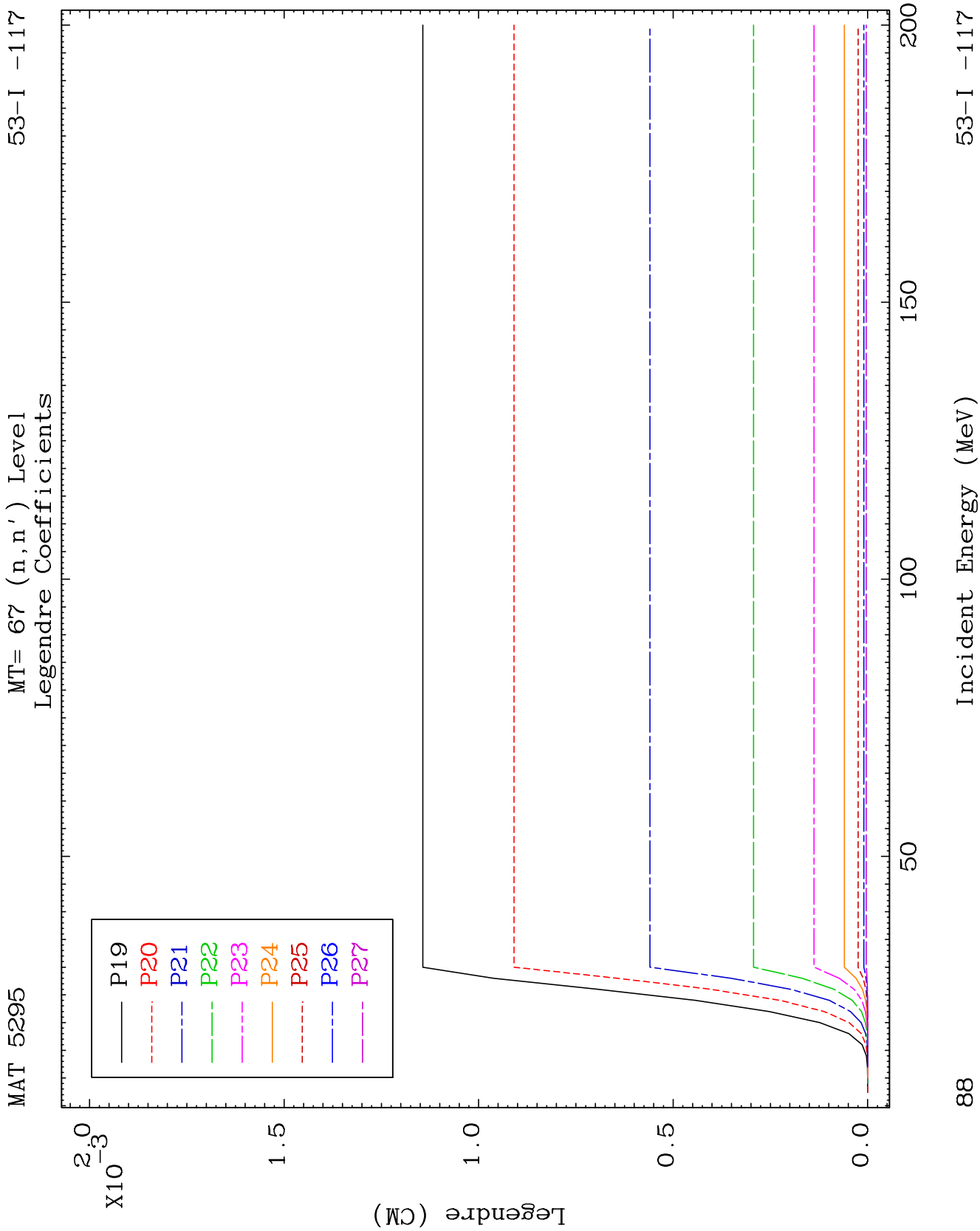
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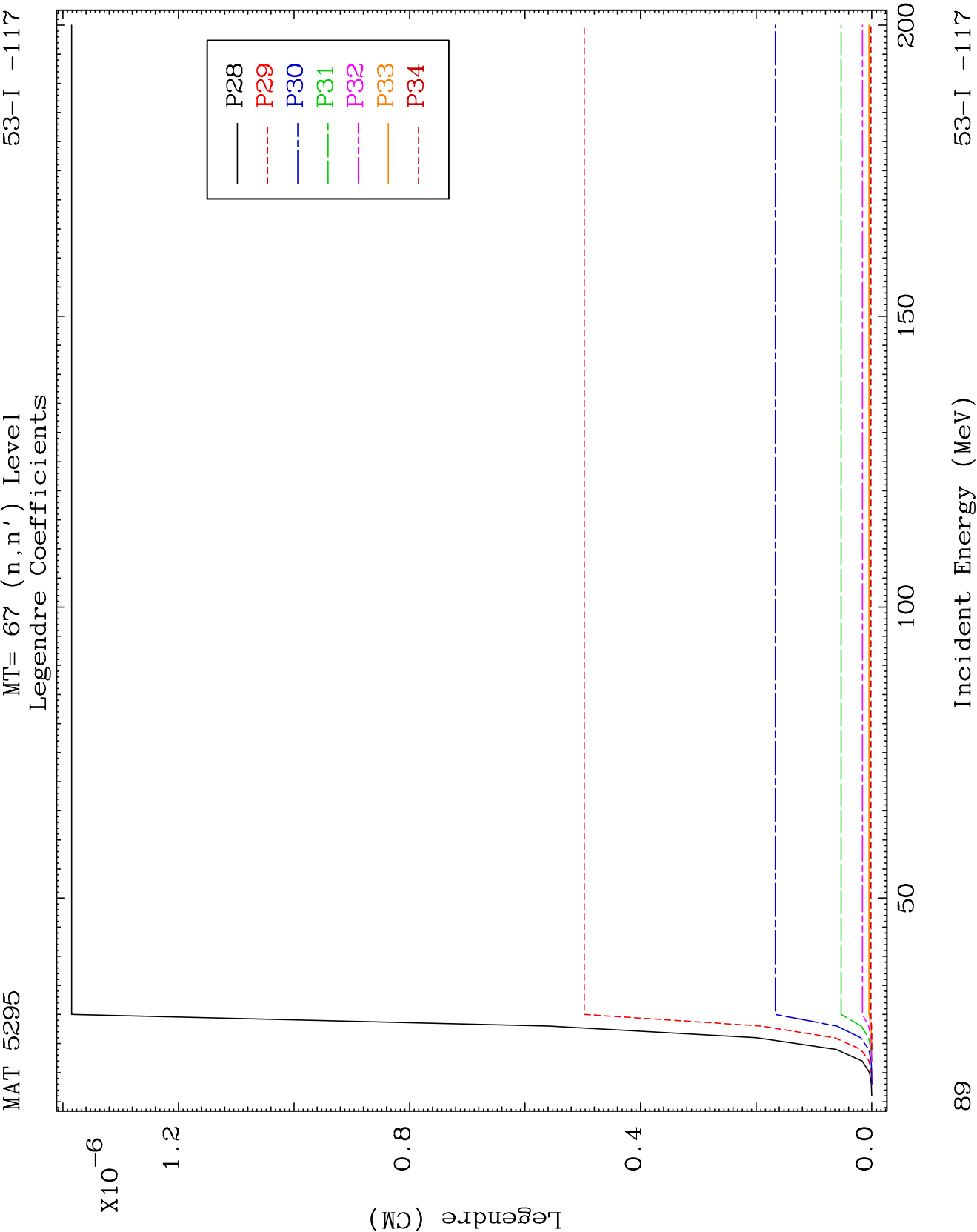
Incident Energy (MeV)

53-I -117





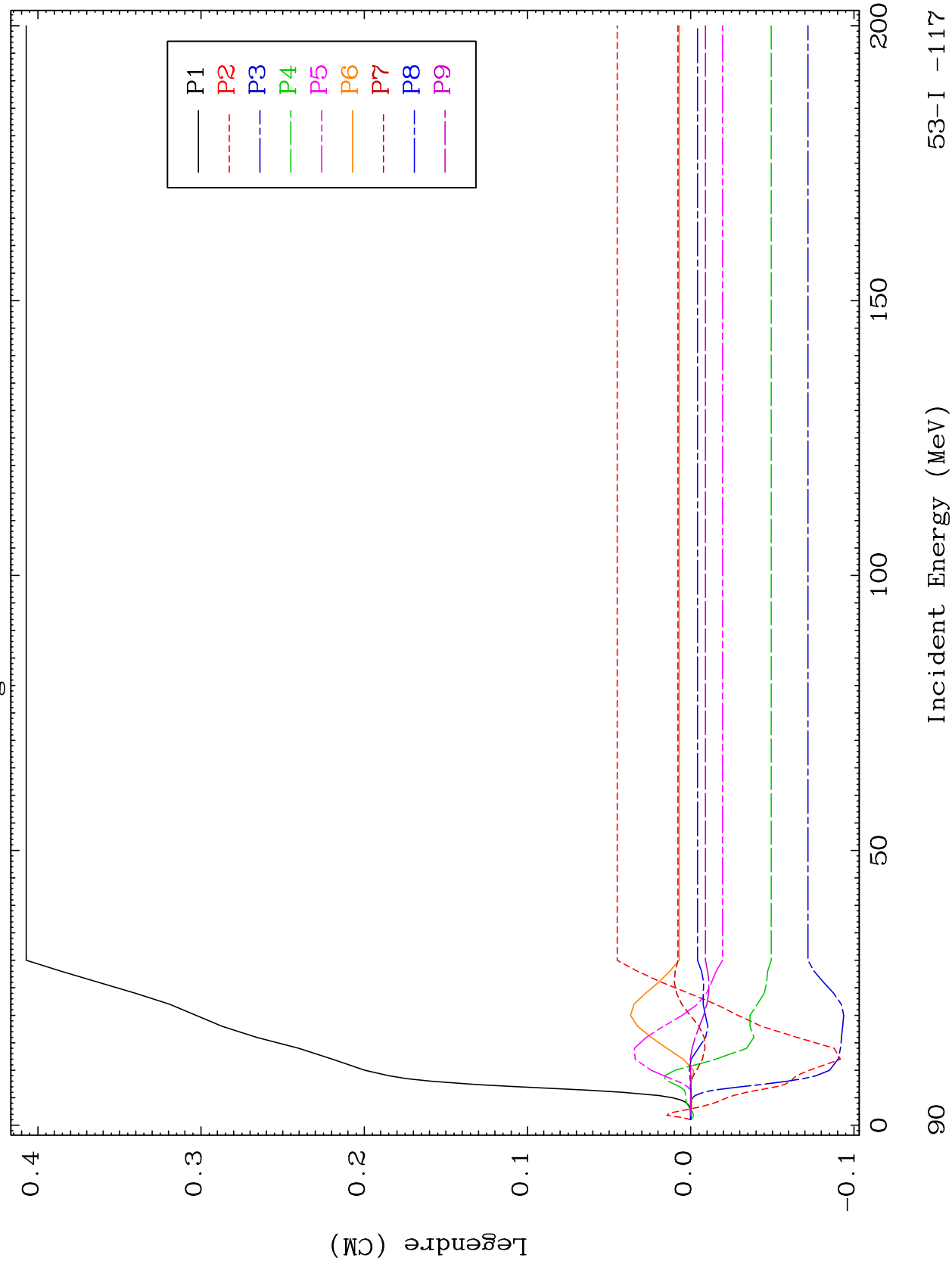




MAT 5295

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

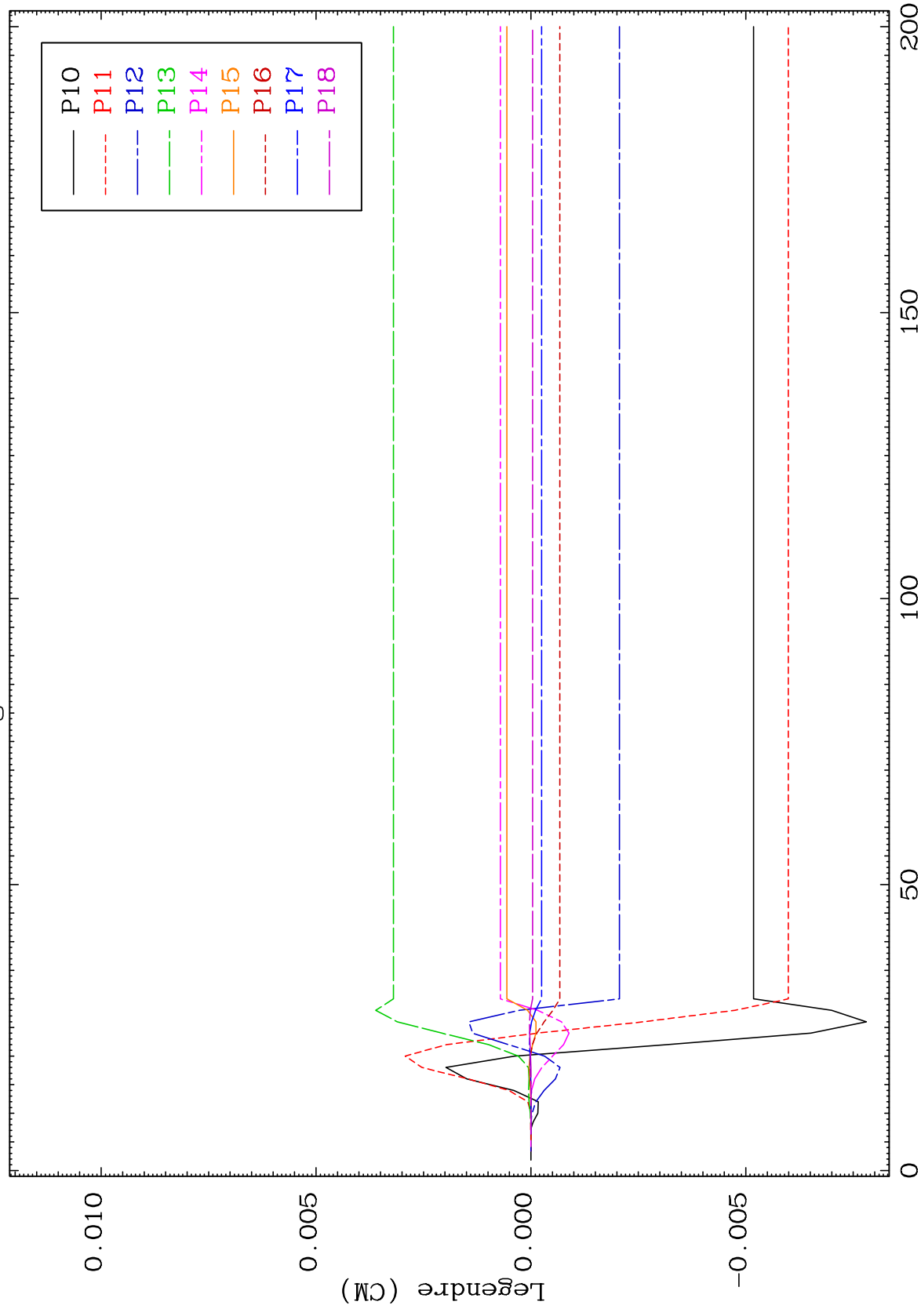
53-I -117



MAT 5295

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

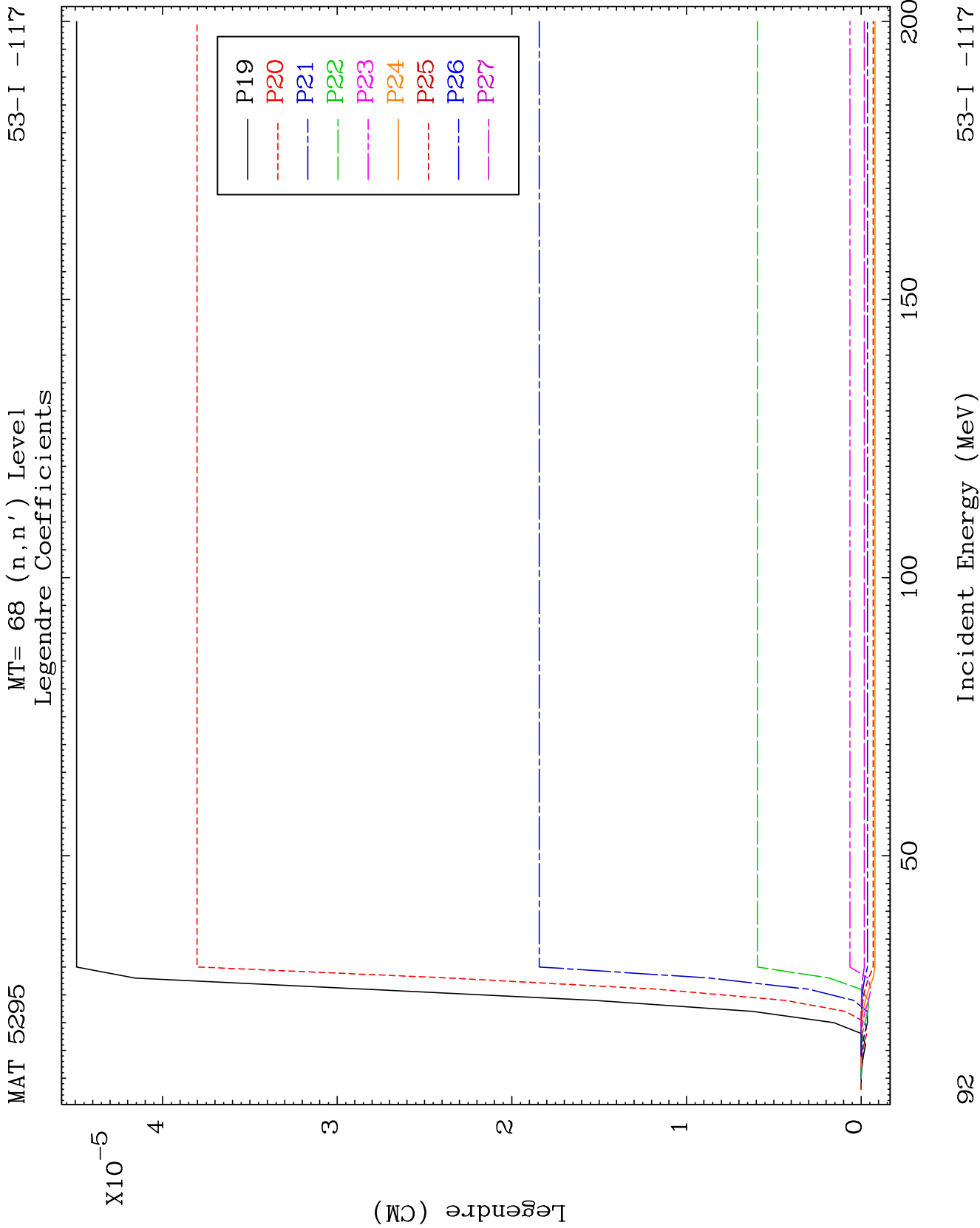
53-I -117



16

Incident Energy (MeV)

53-I -117

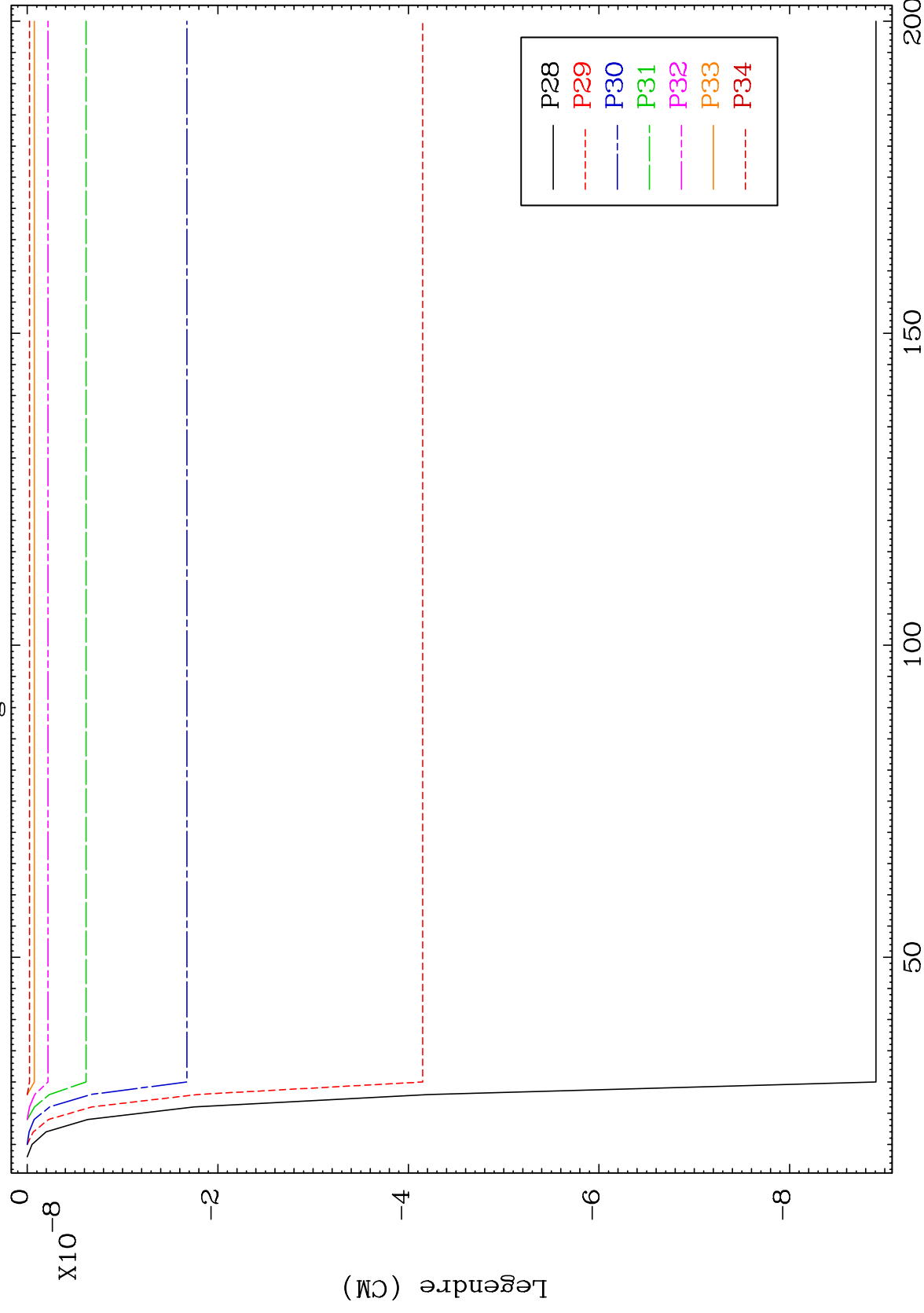


MAT 5295

MT= 68 (n, n') Level

53-I -117

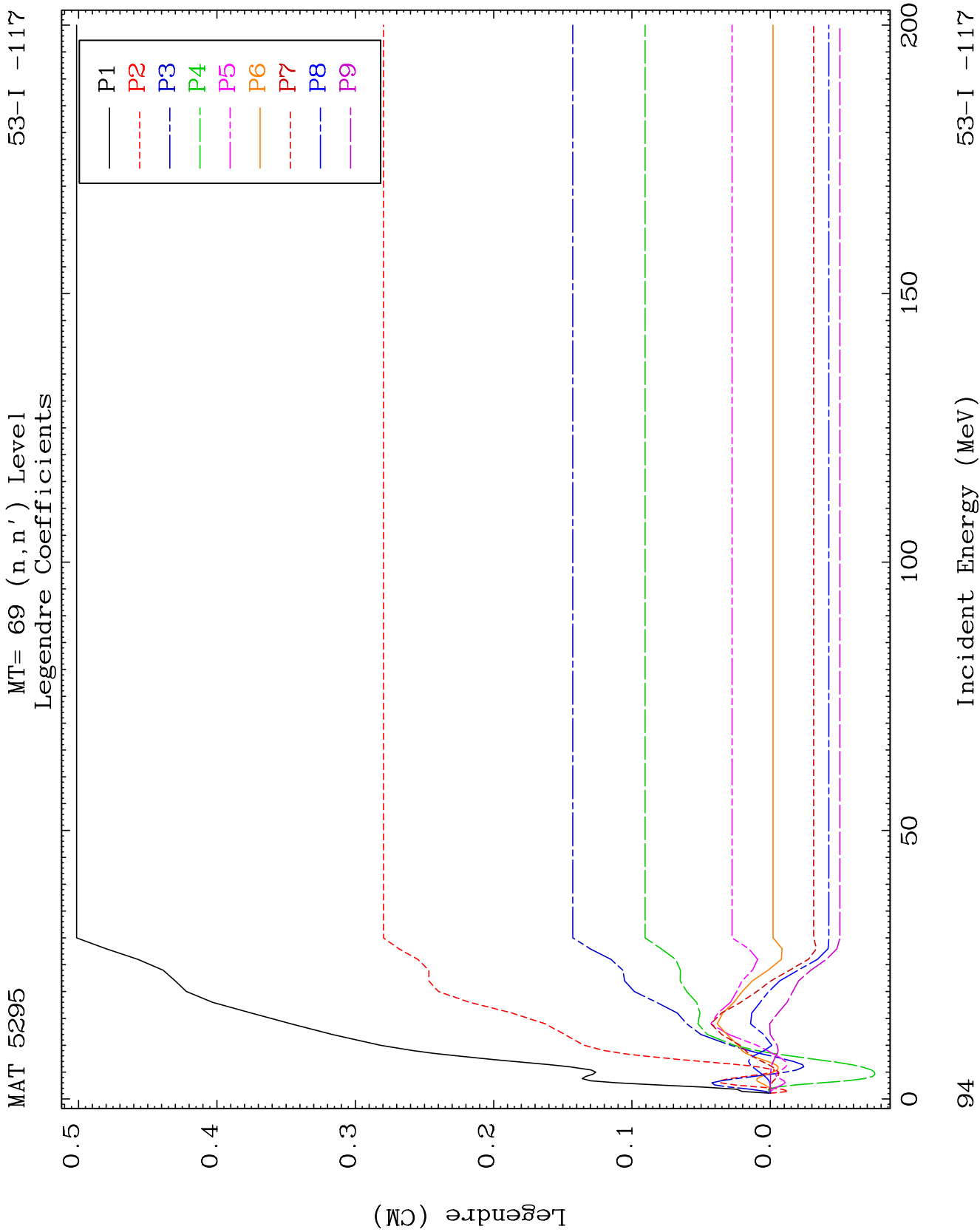
Legendre Coefficients

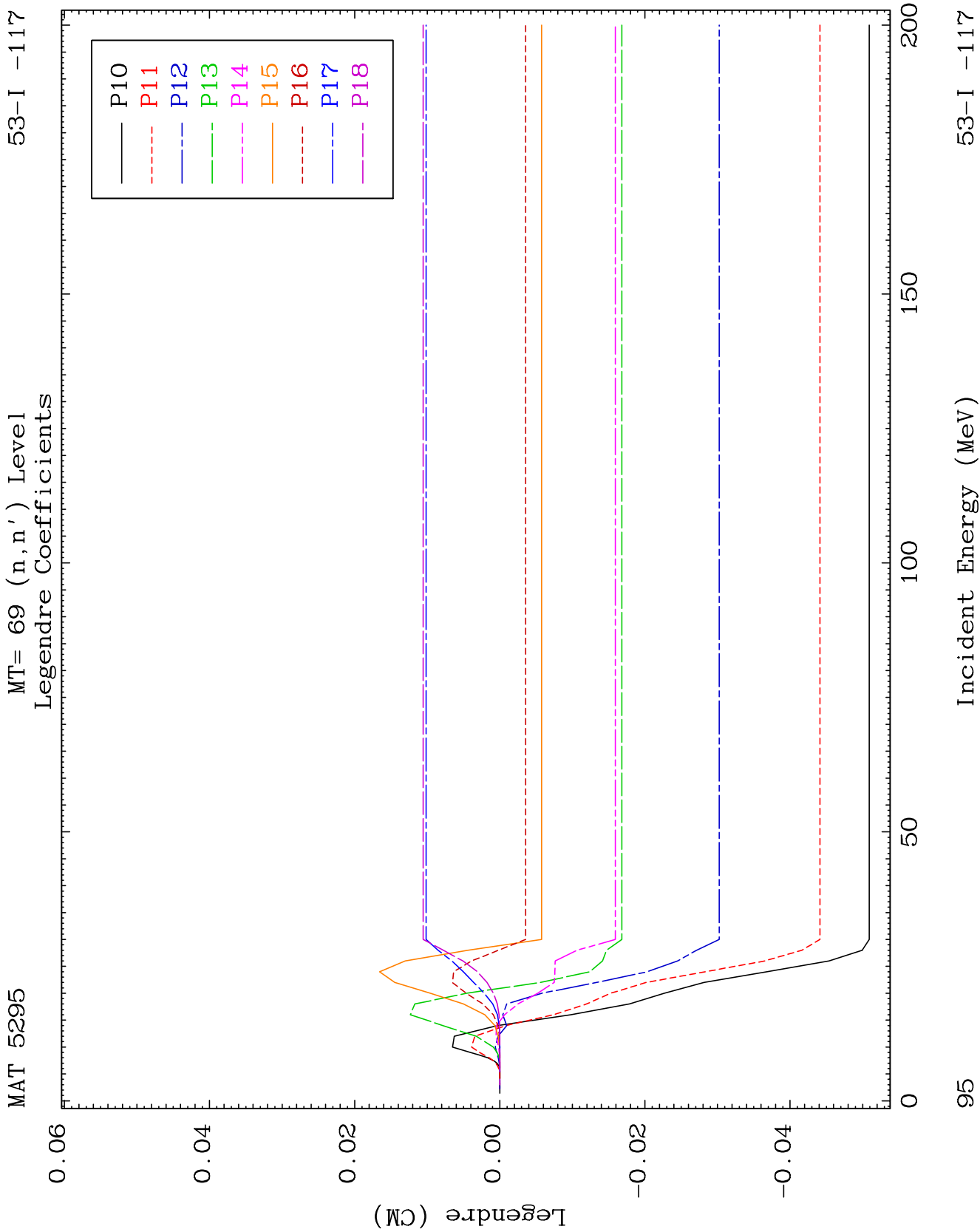


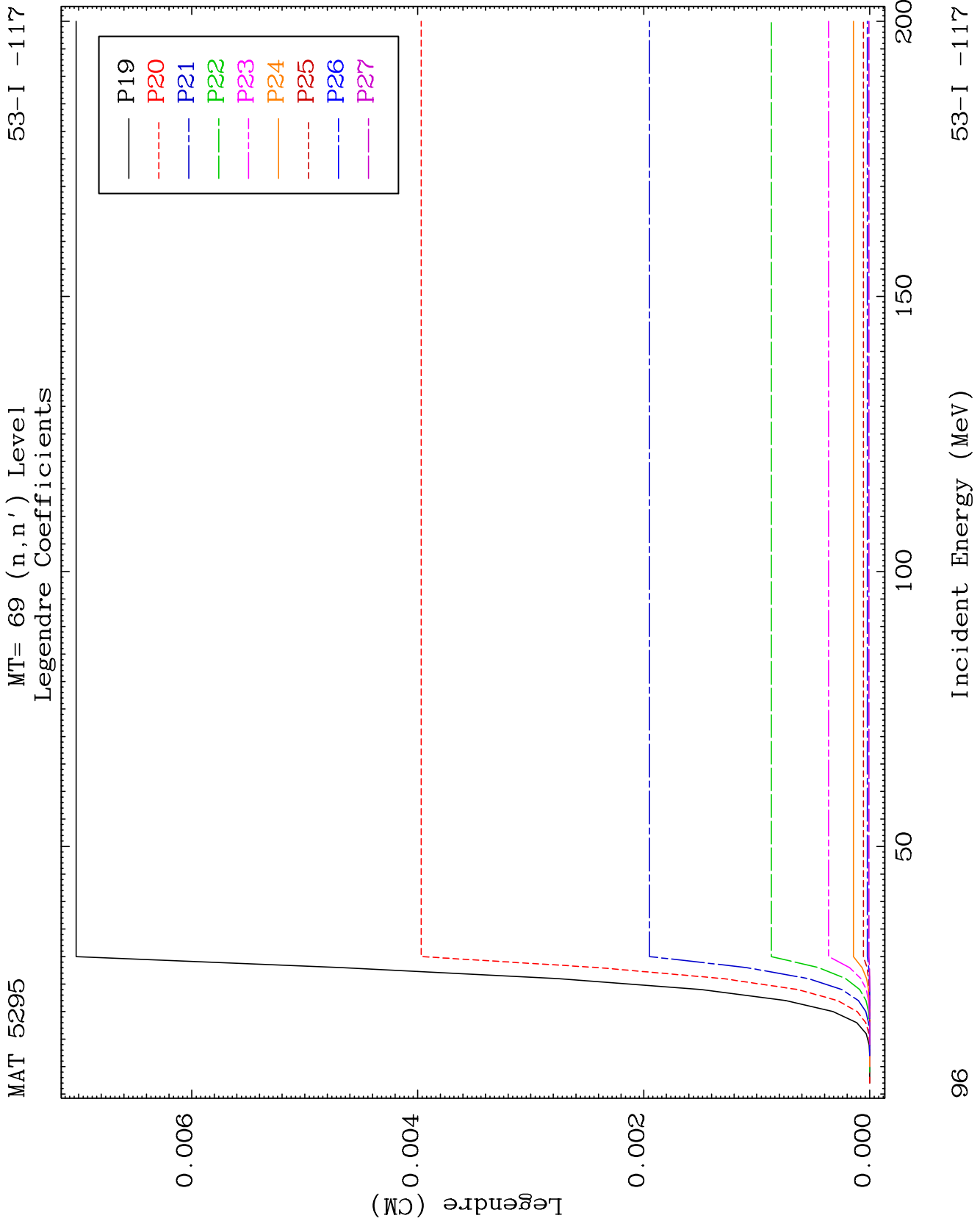
39

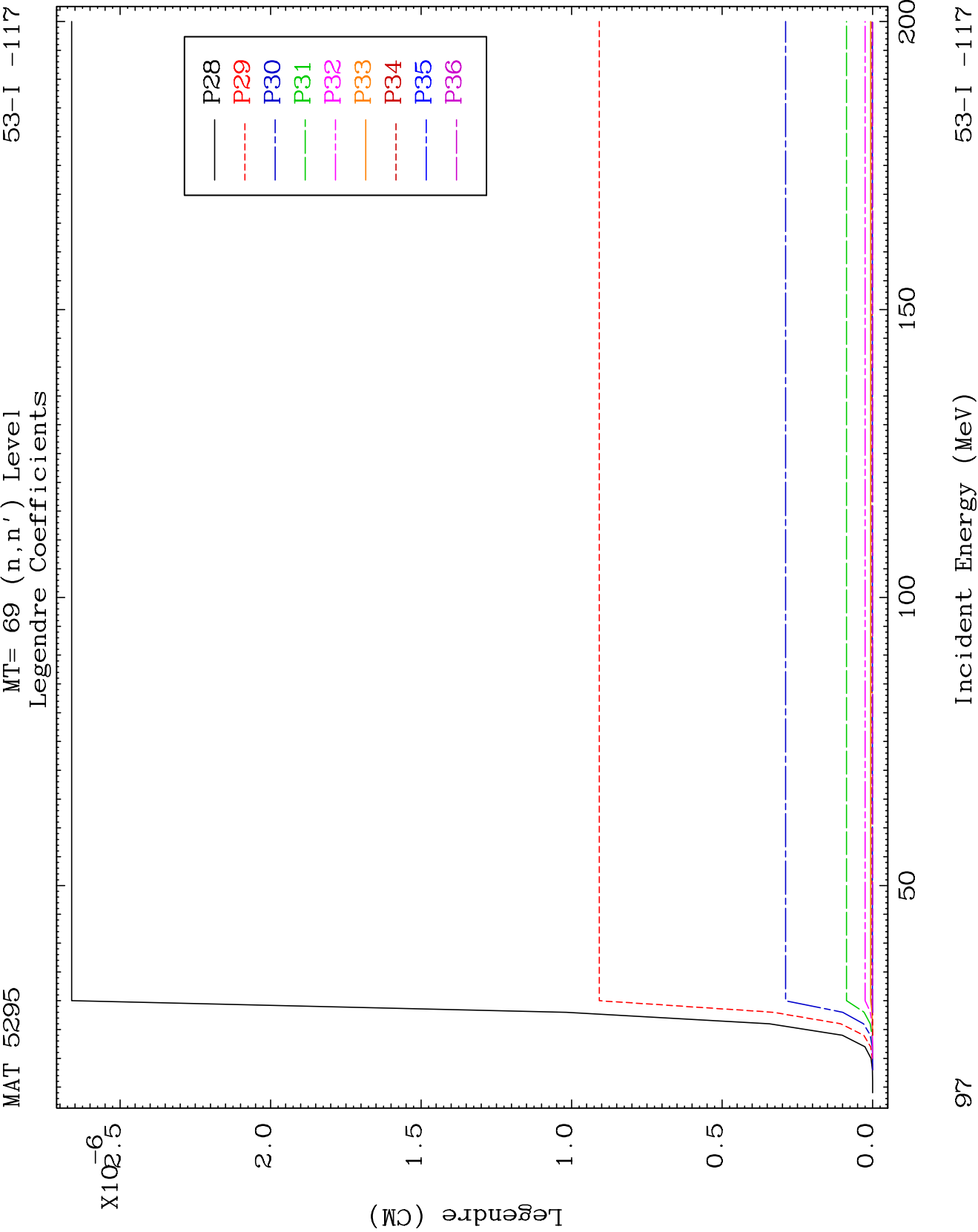
Incident Energy (MeV)

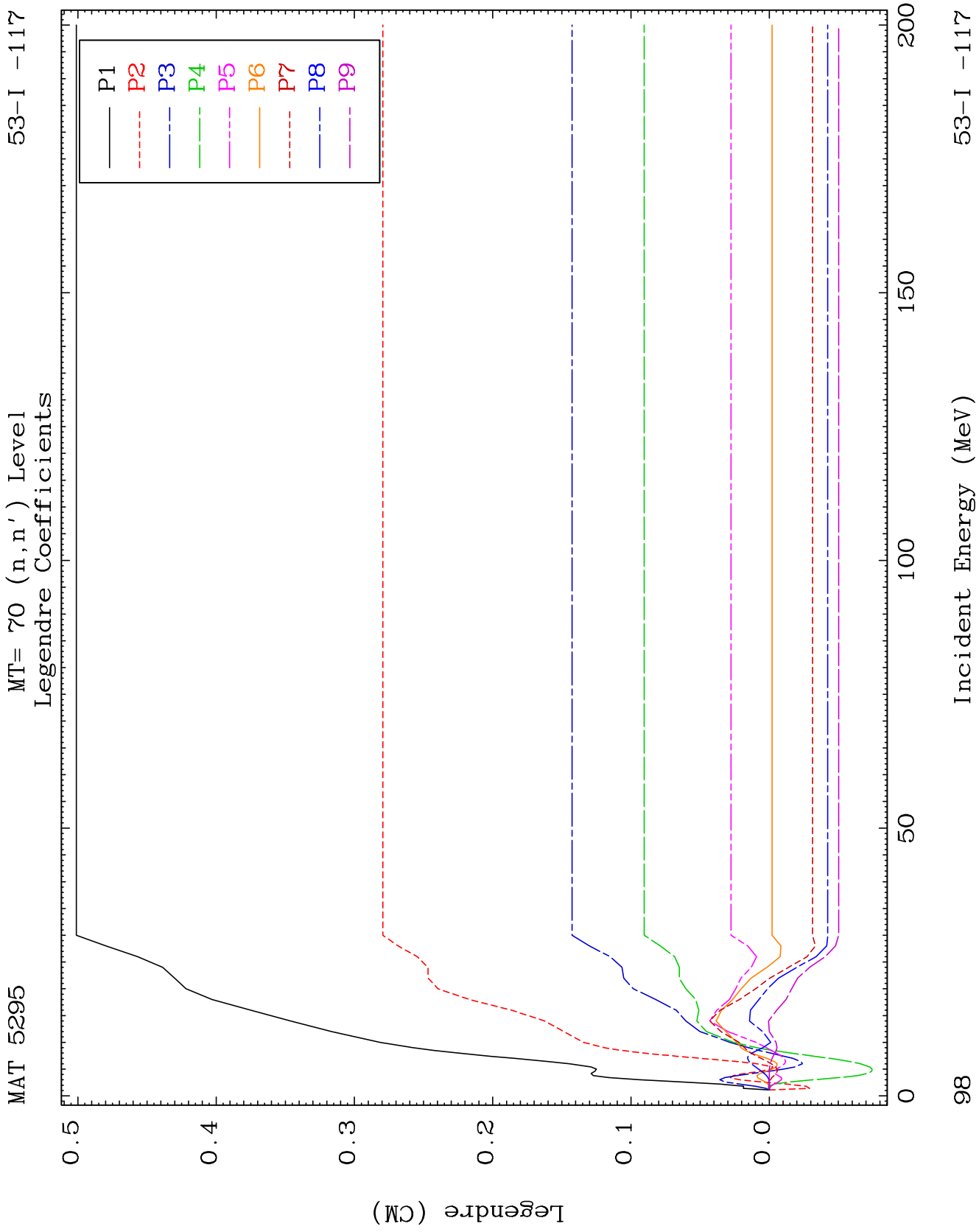
53-I -117







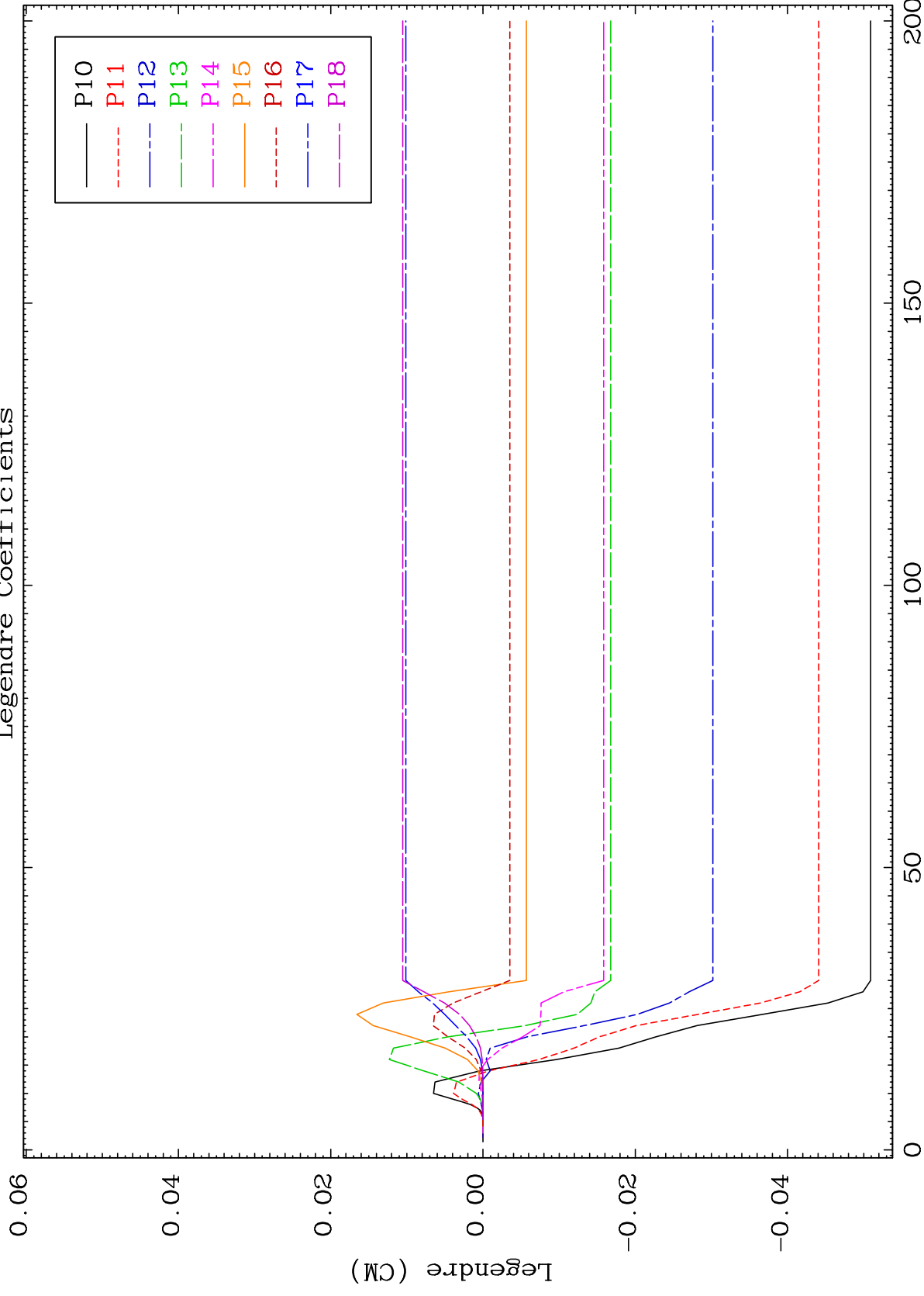




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MT= 70 (n, n') Level
Legendre Coefficients

53-I -117



99

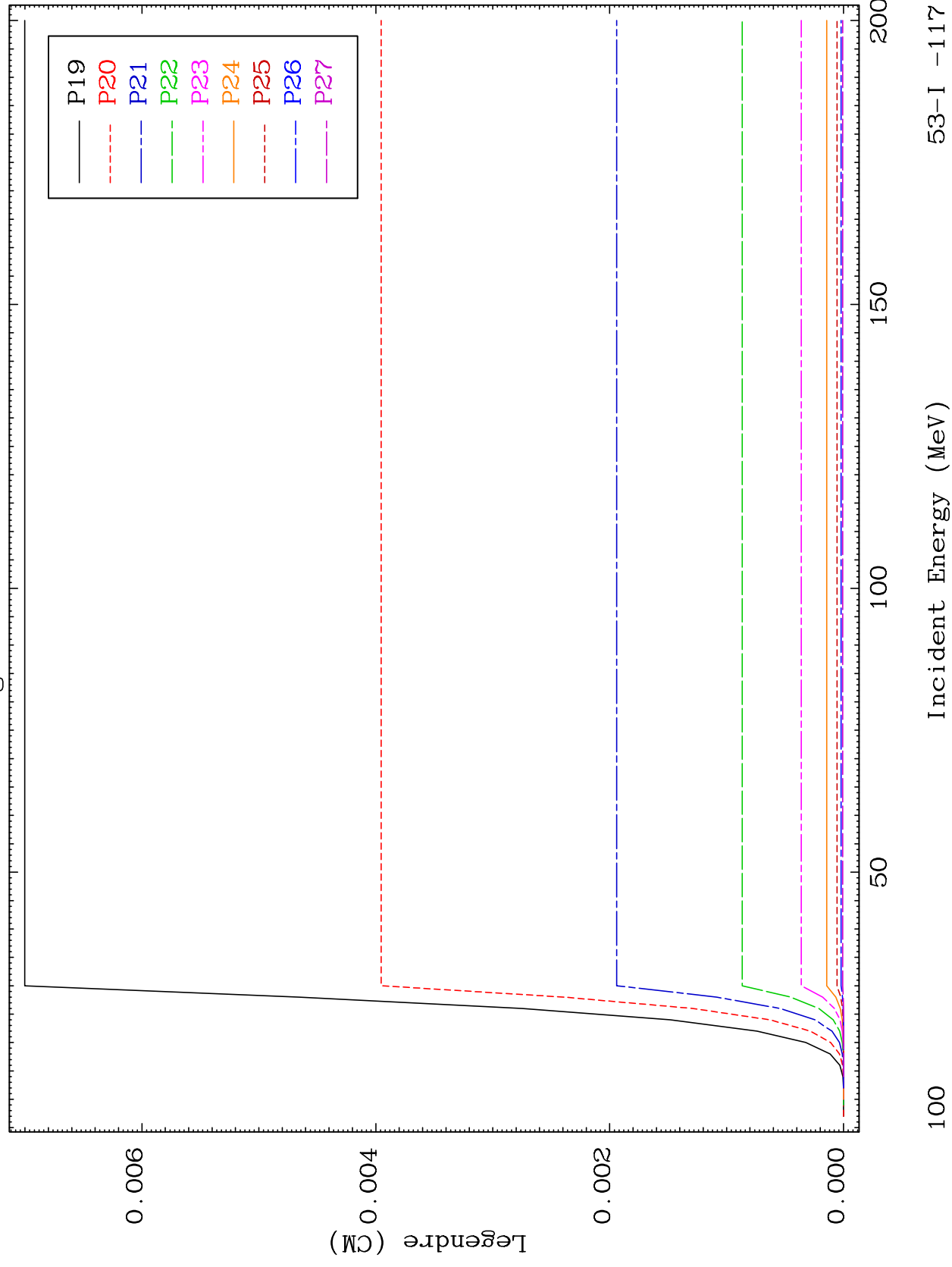
Incident Energy (MeV)

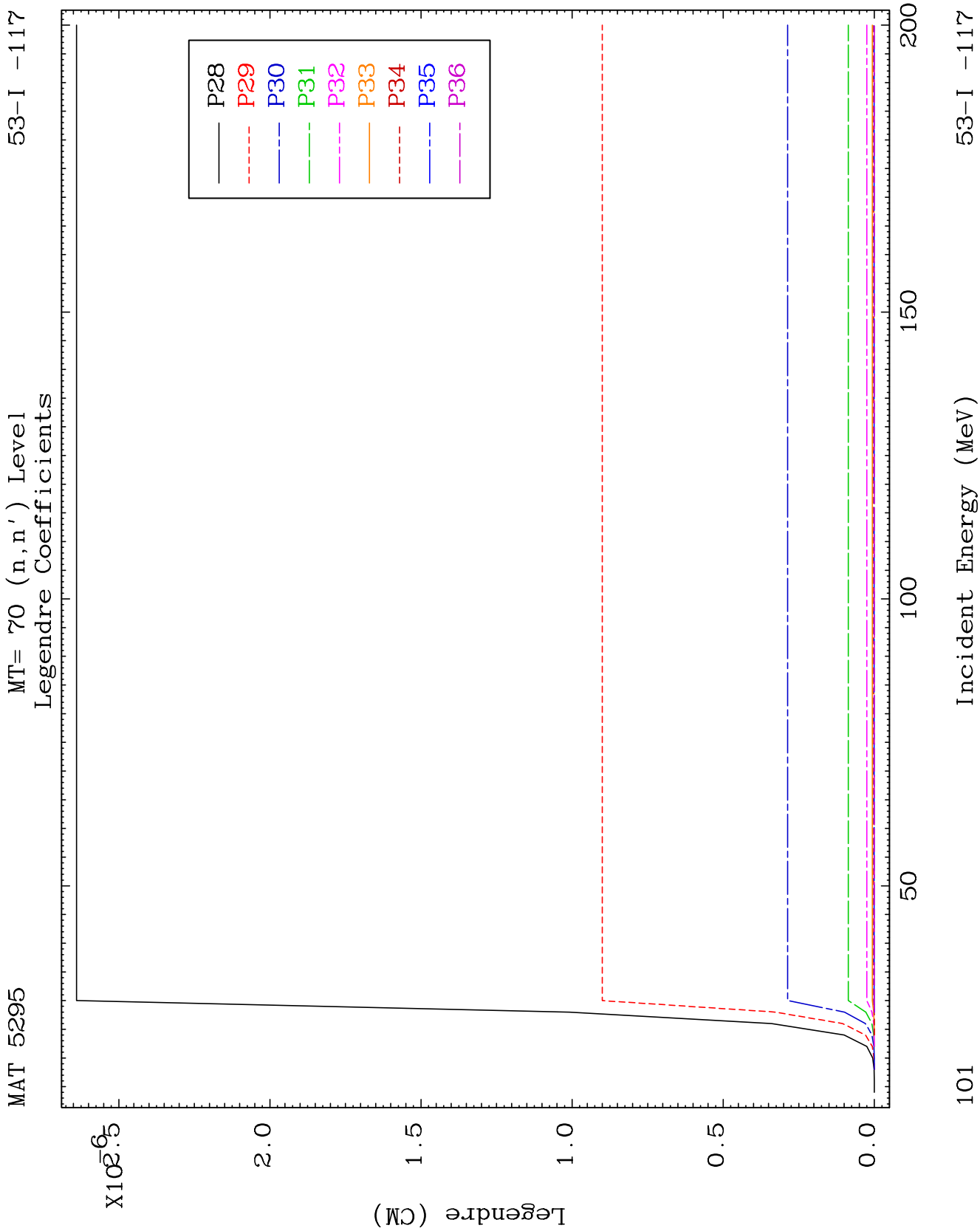
53-I -117

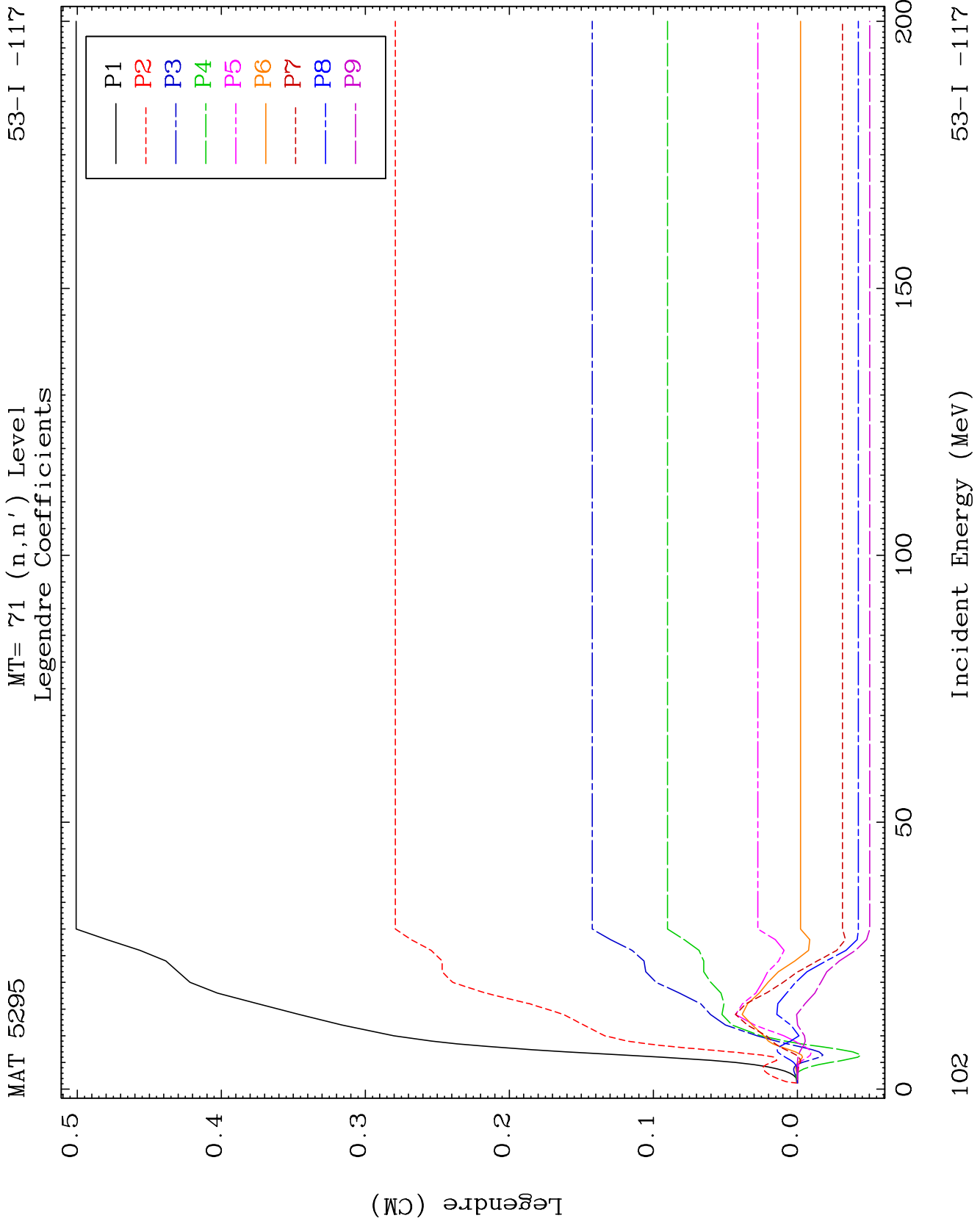
MAT 5295

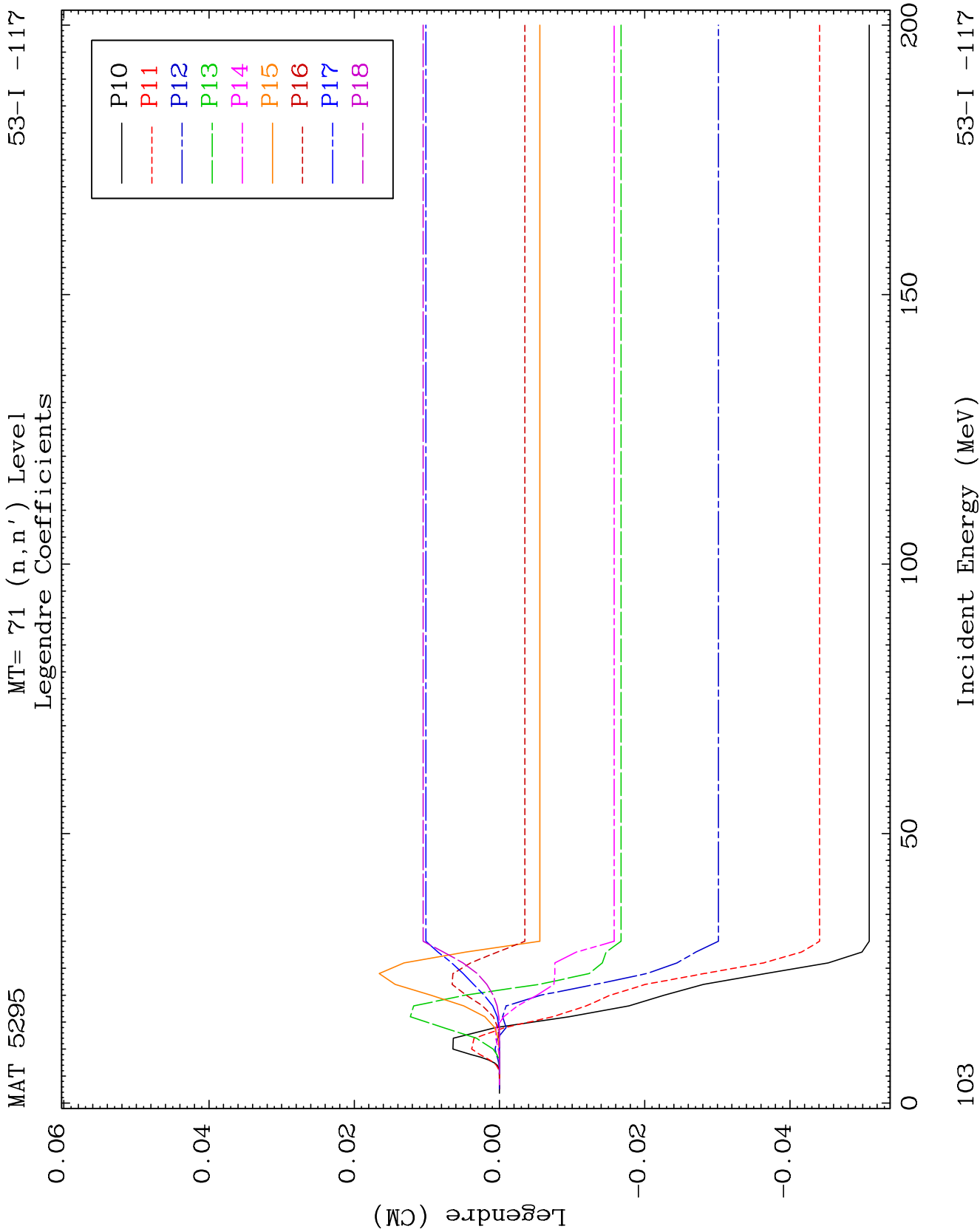
MT= 70 (n, n') Level
Legendre Coefficients

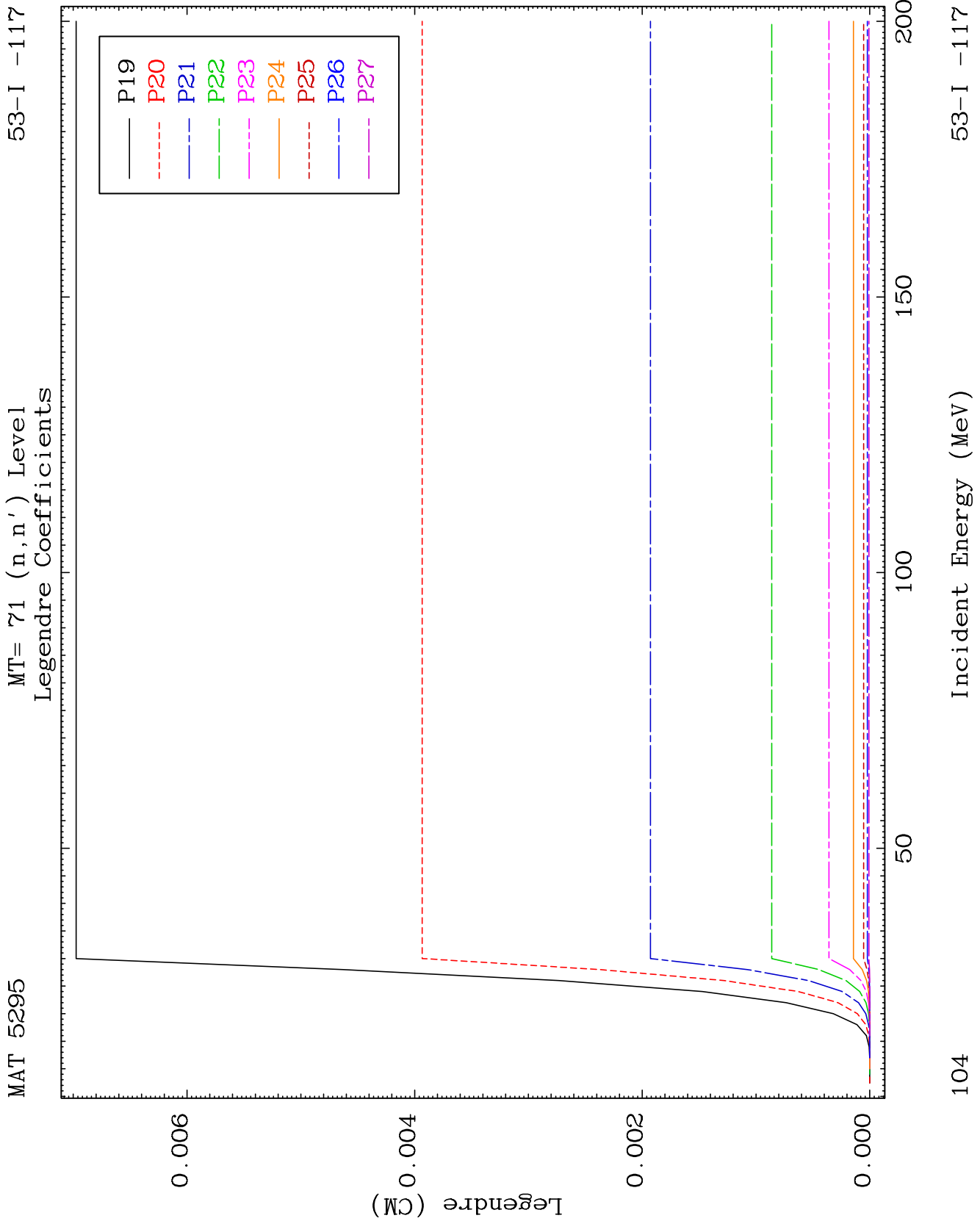
53-I -117

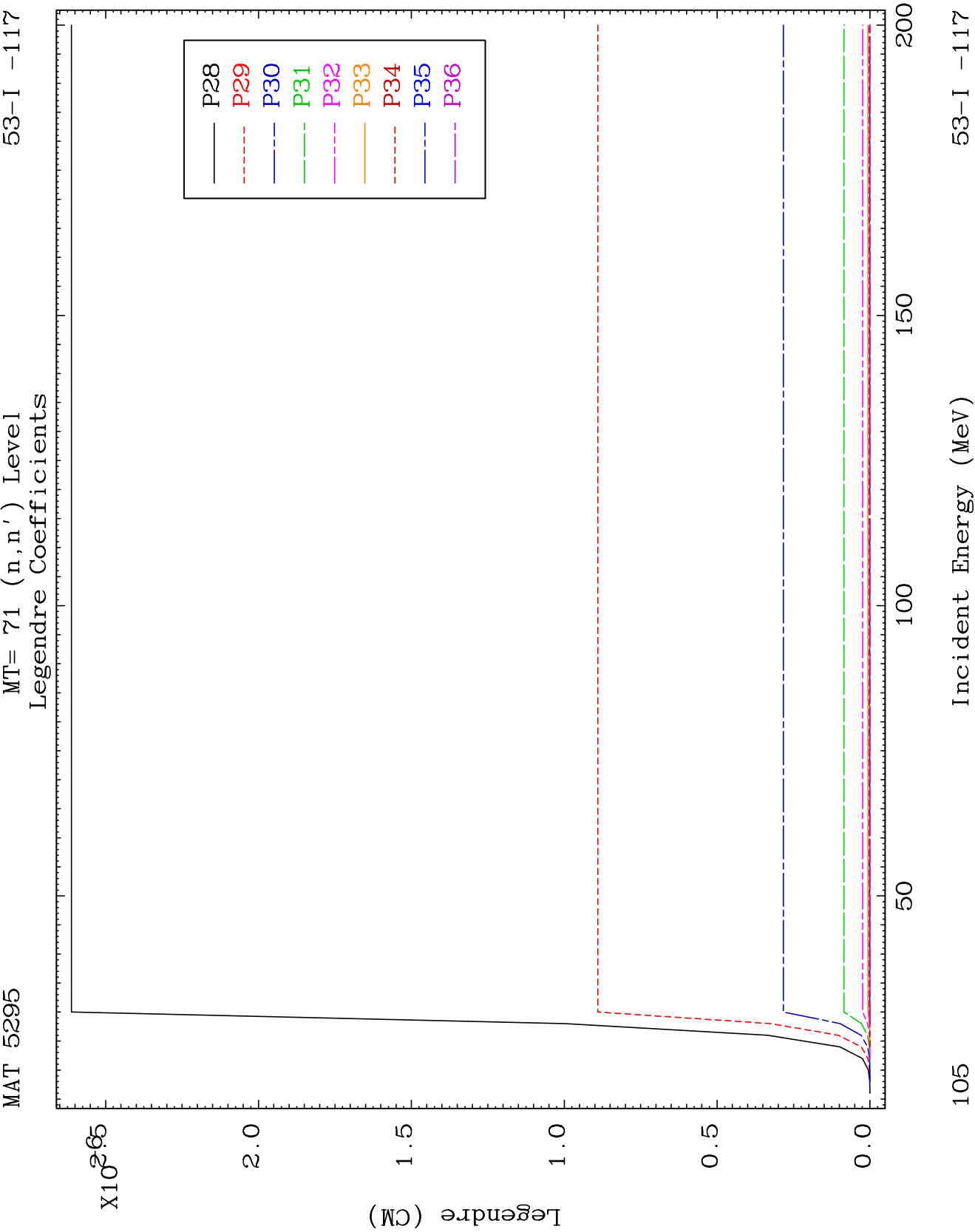


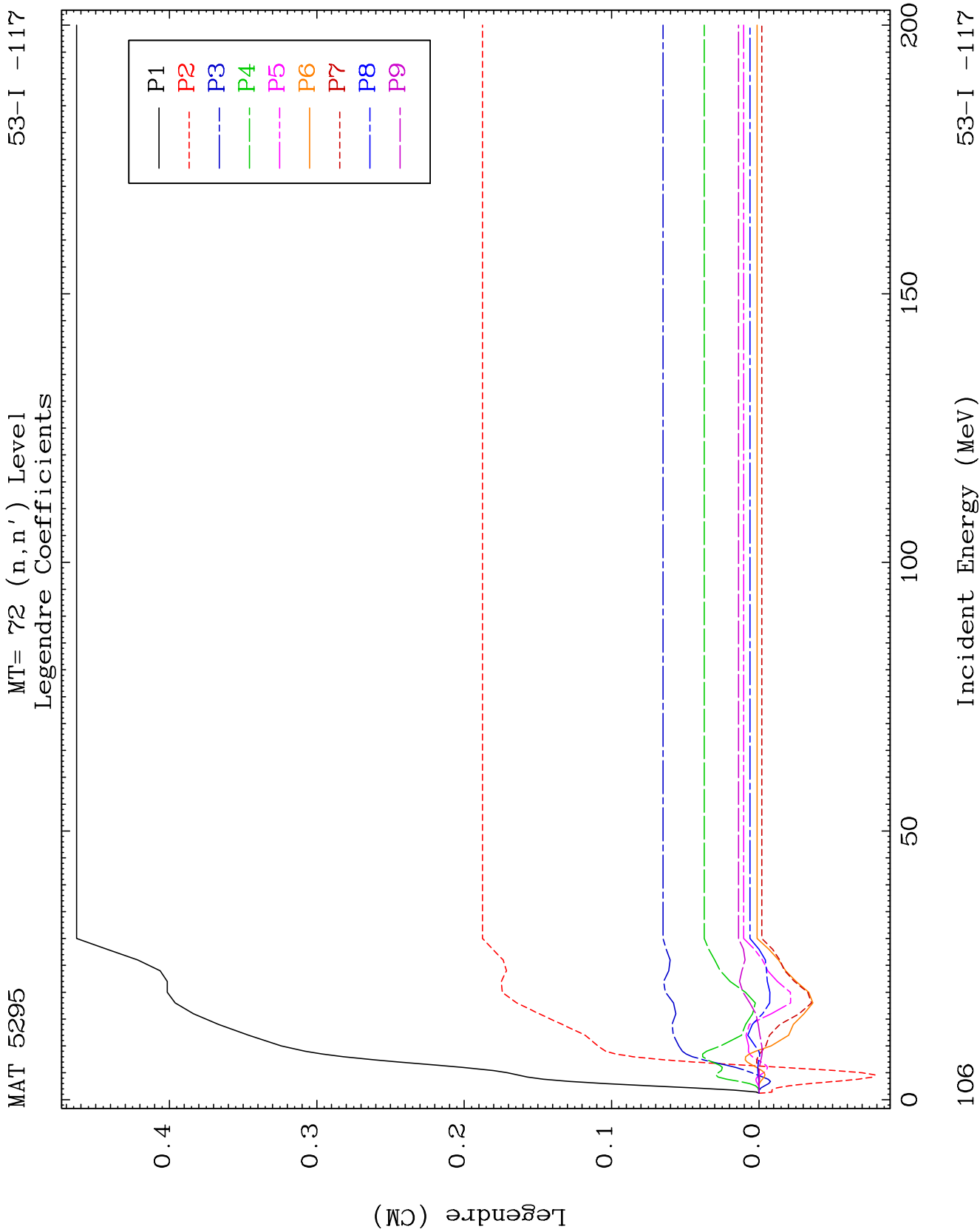








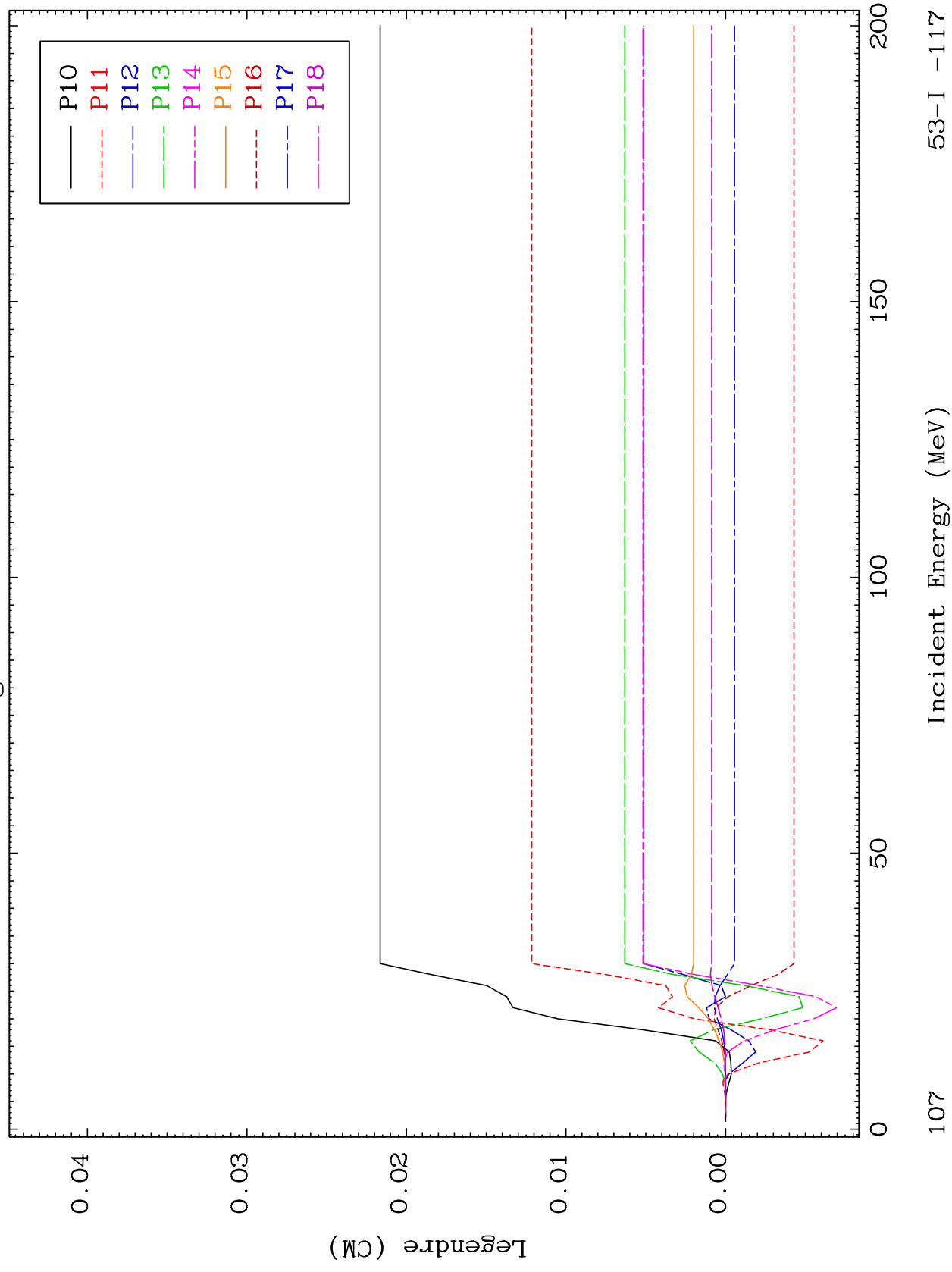


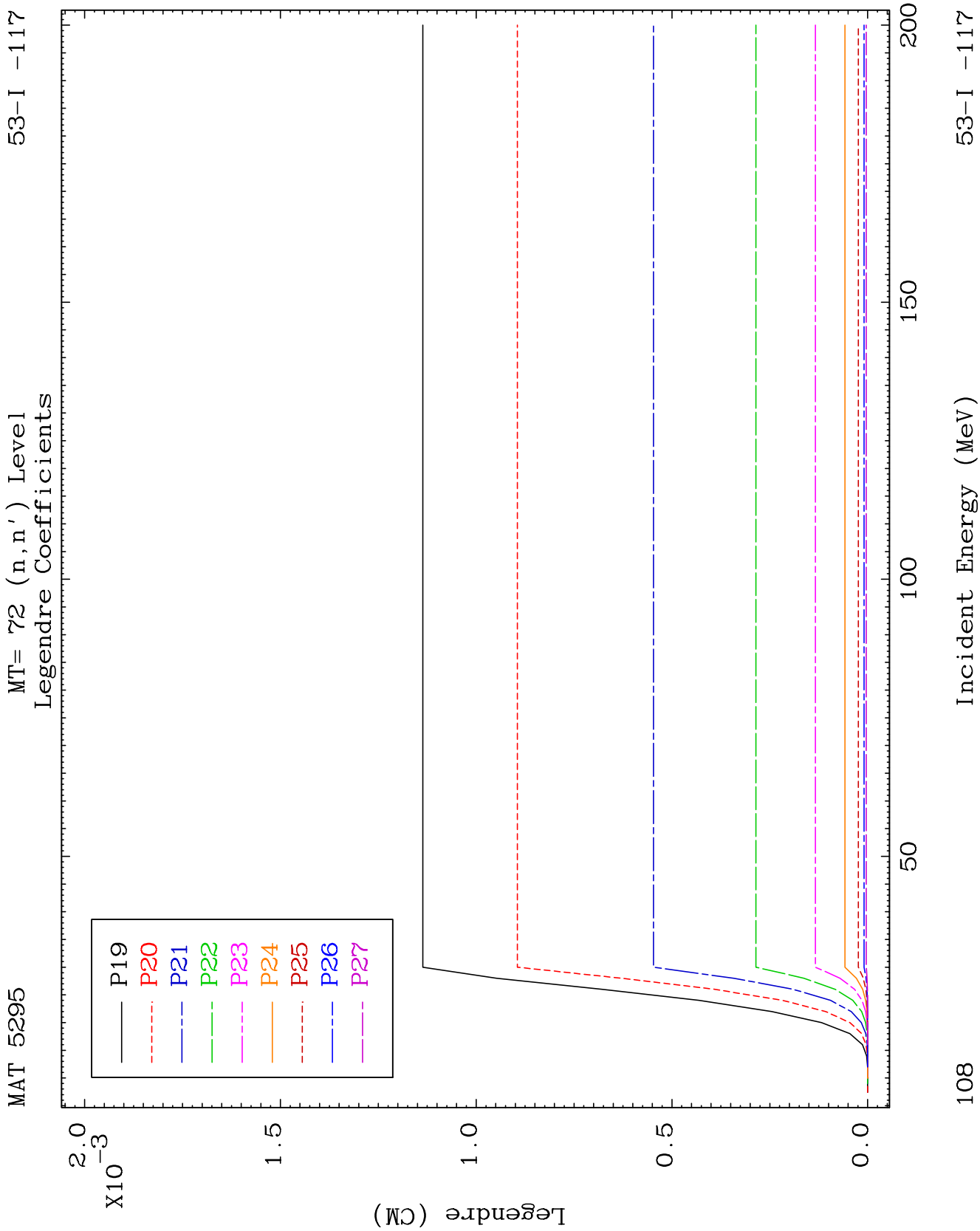


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MT= 72 (n, n') Level
Legendre Coefficients

53-I -117

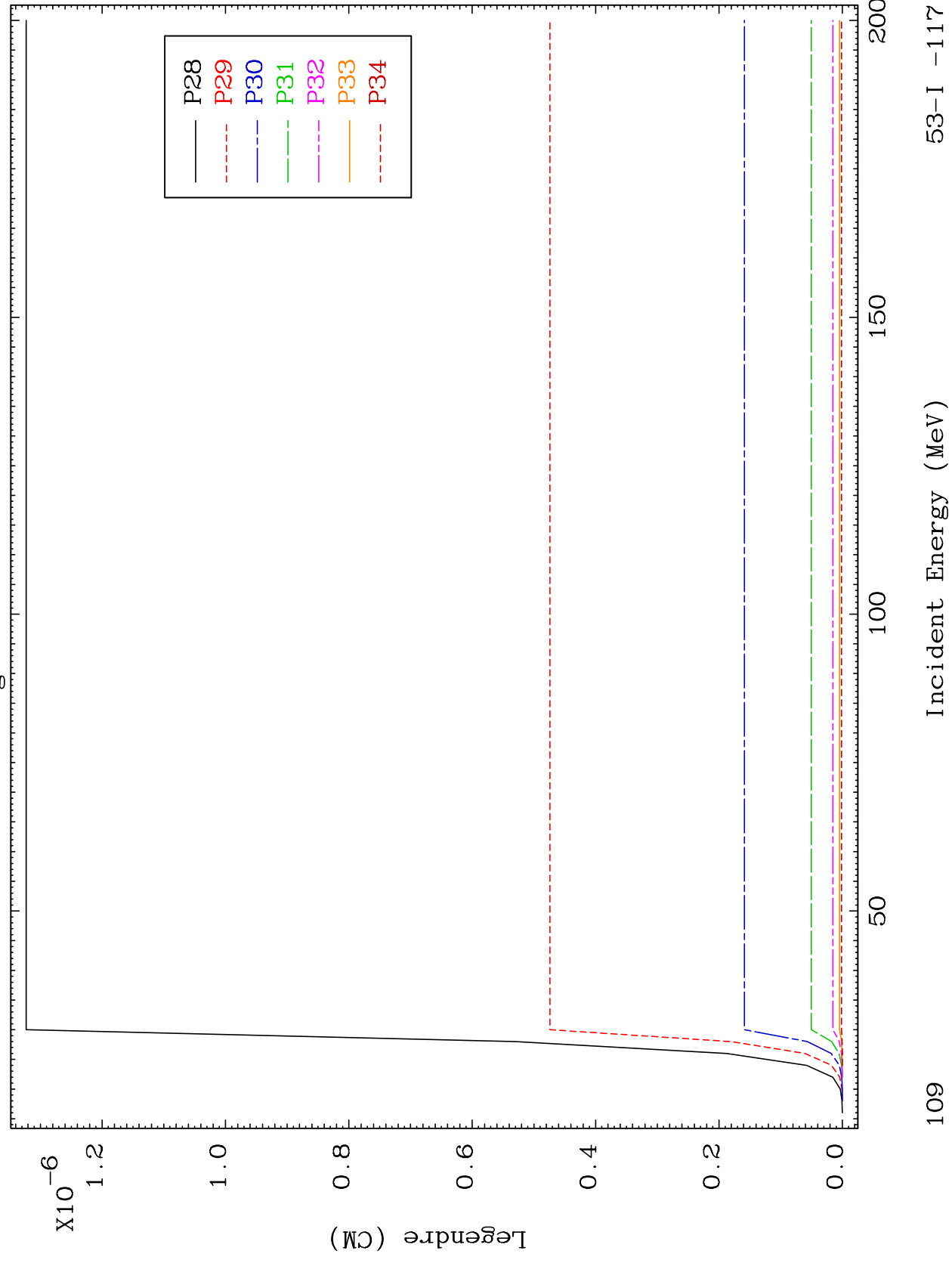


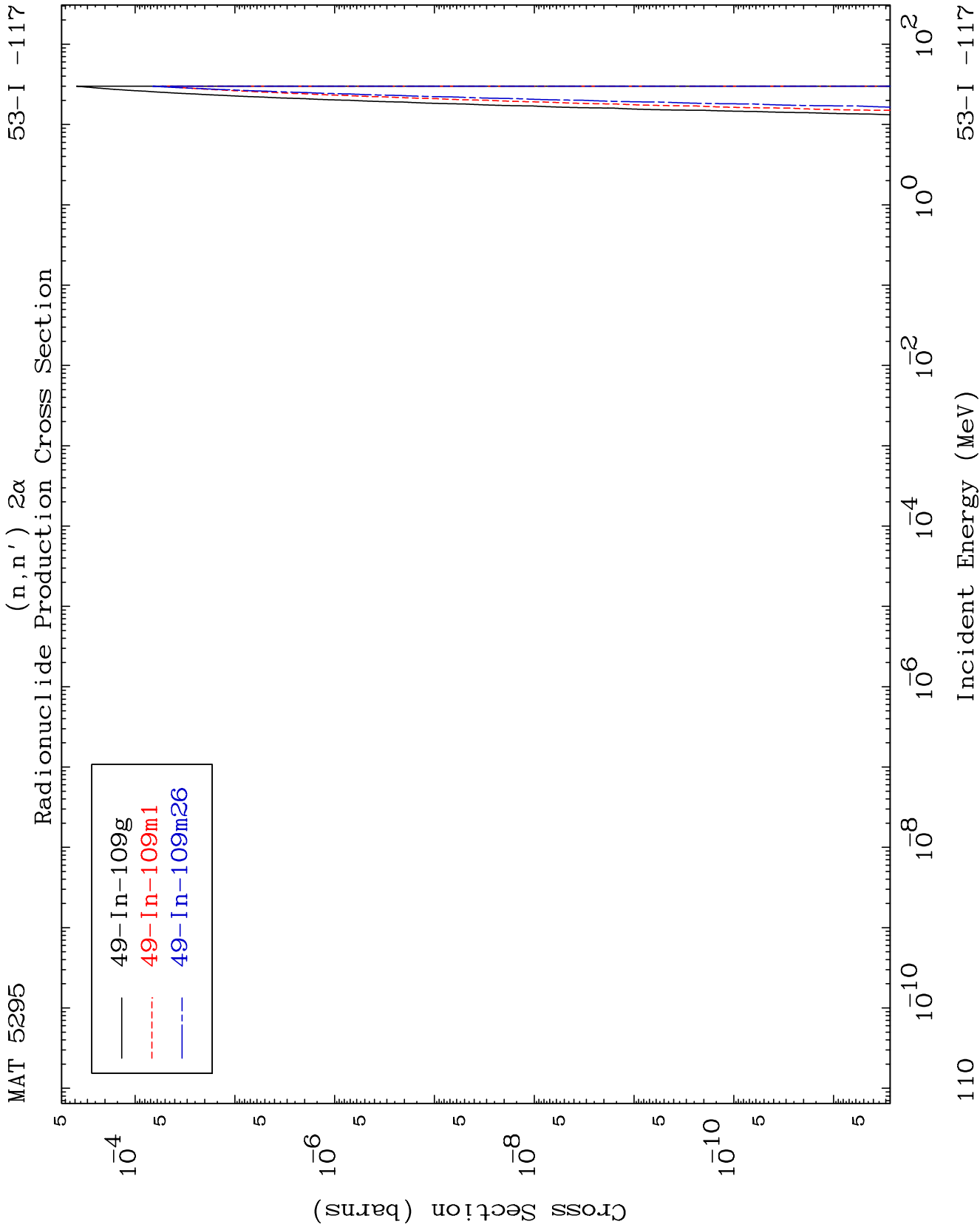


MAT 5295

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

53-I -117



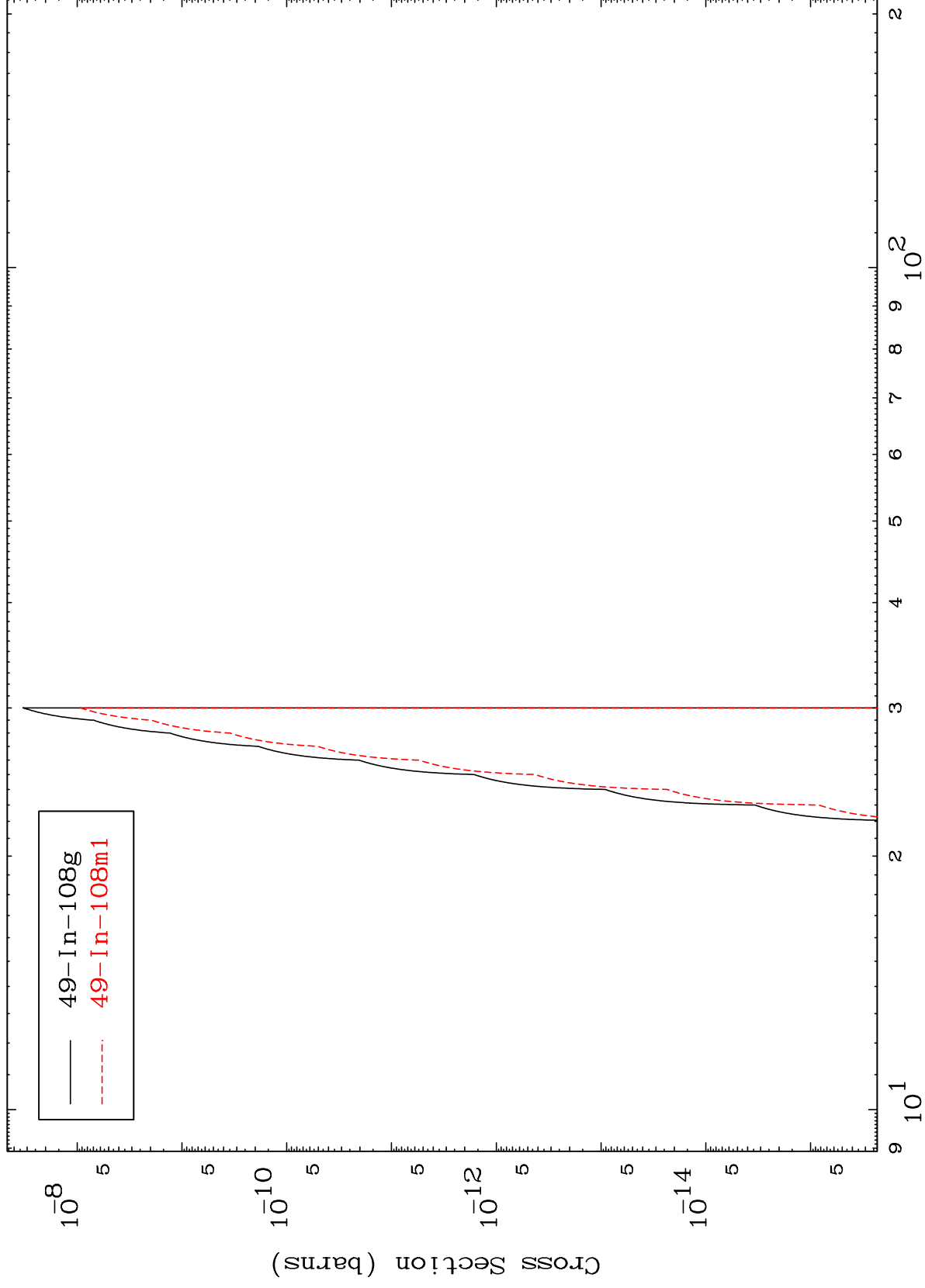


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(n,2n) 2α

53-I -117

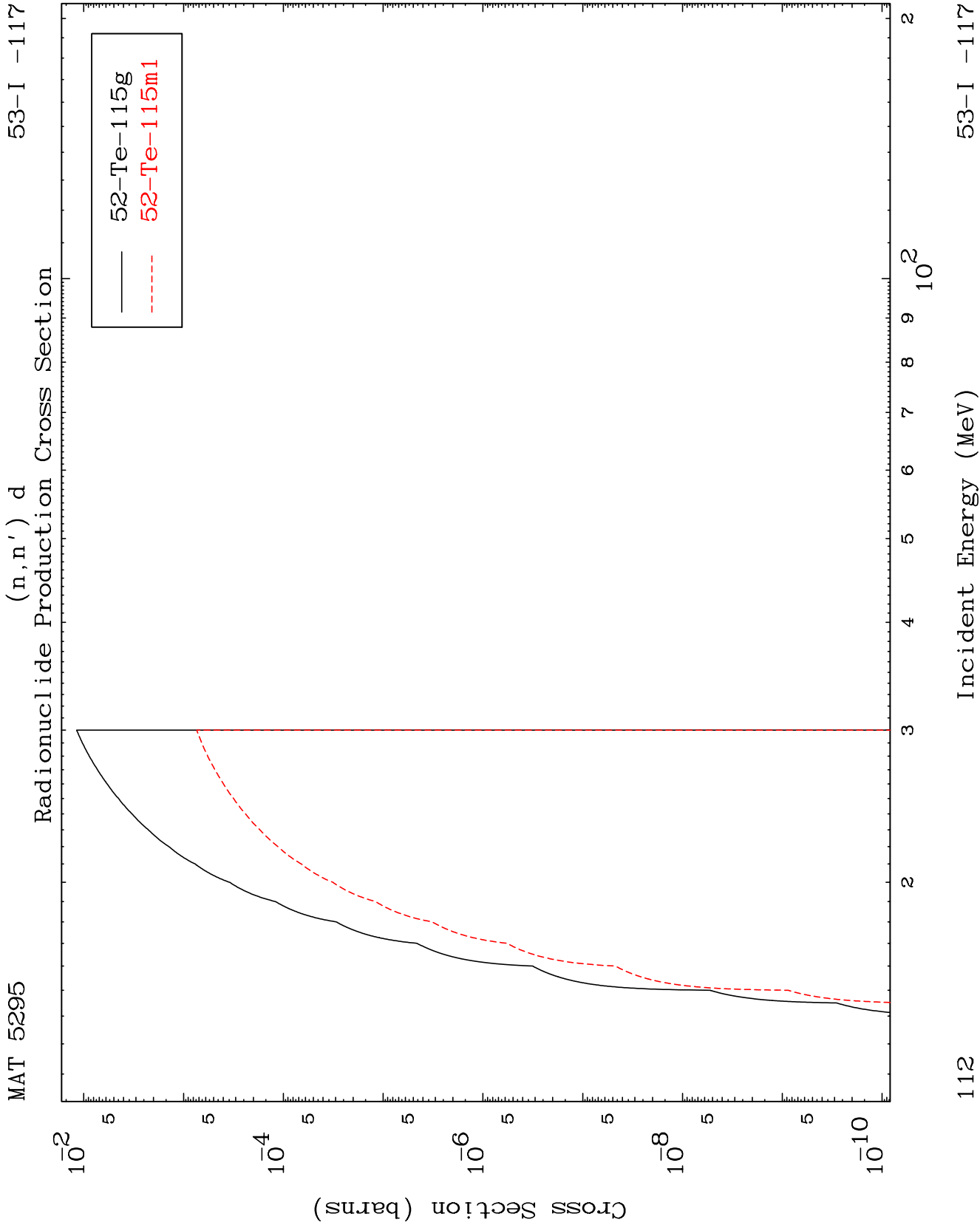
Radionuclide Production Cross Section

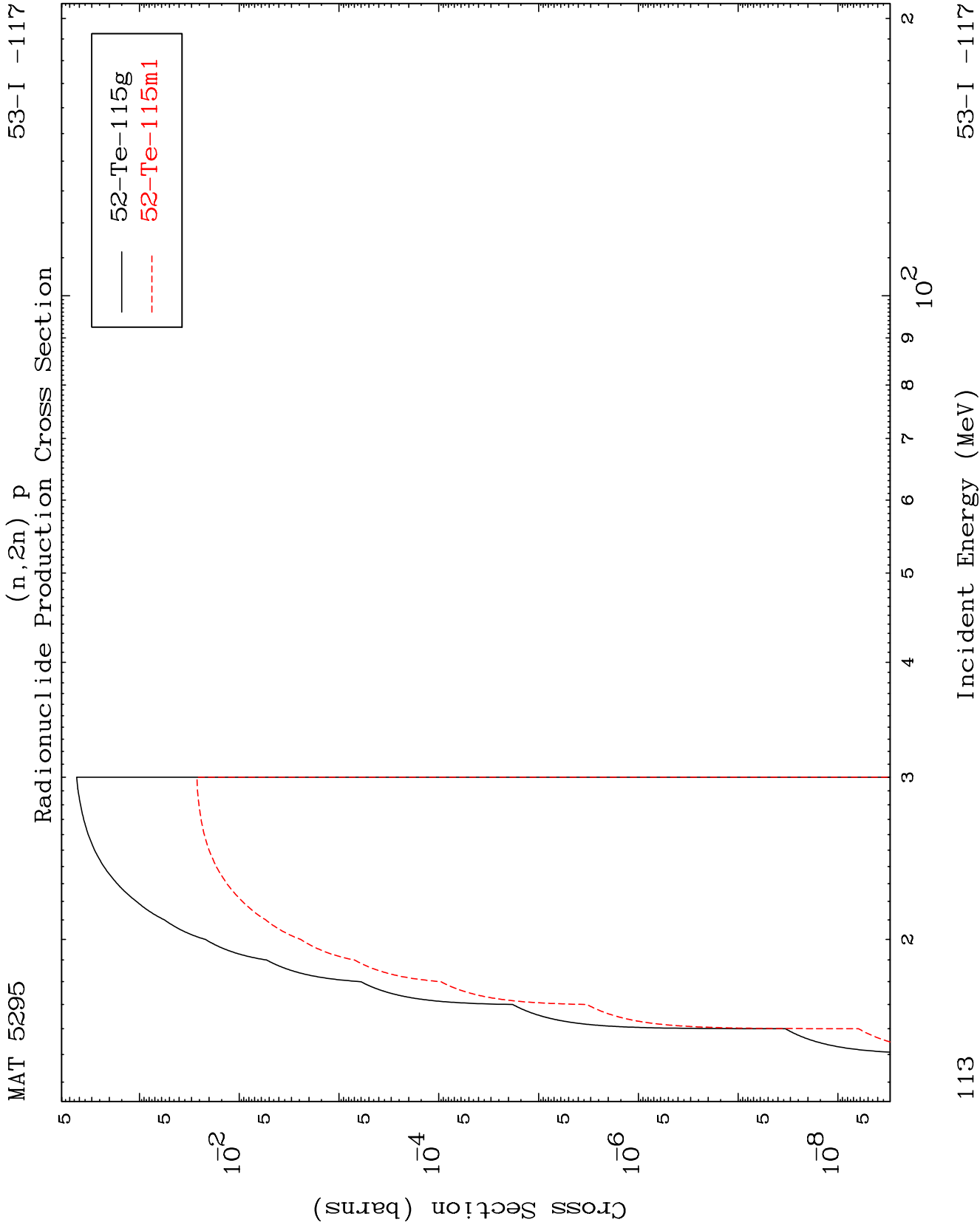


Incident Energy (MeV)

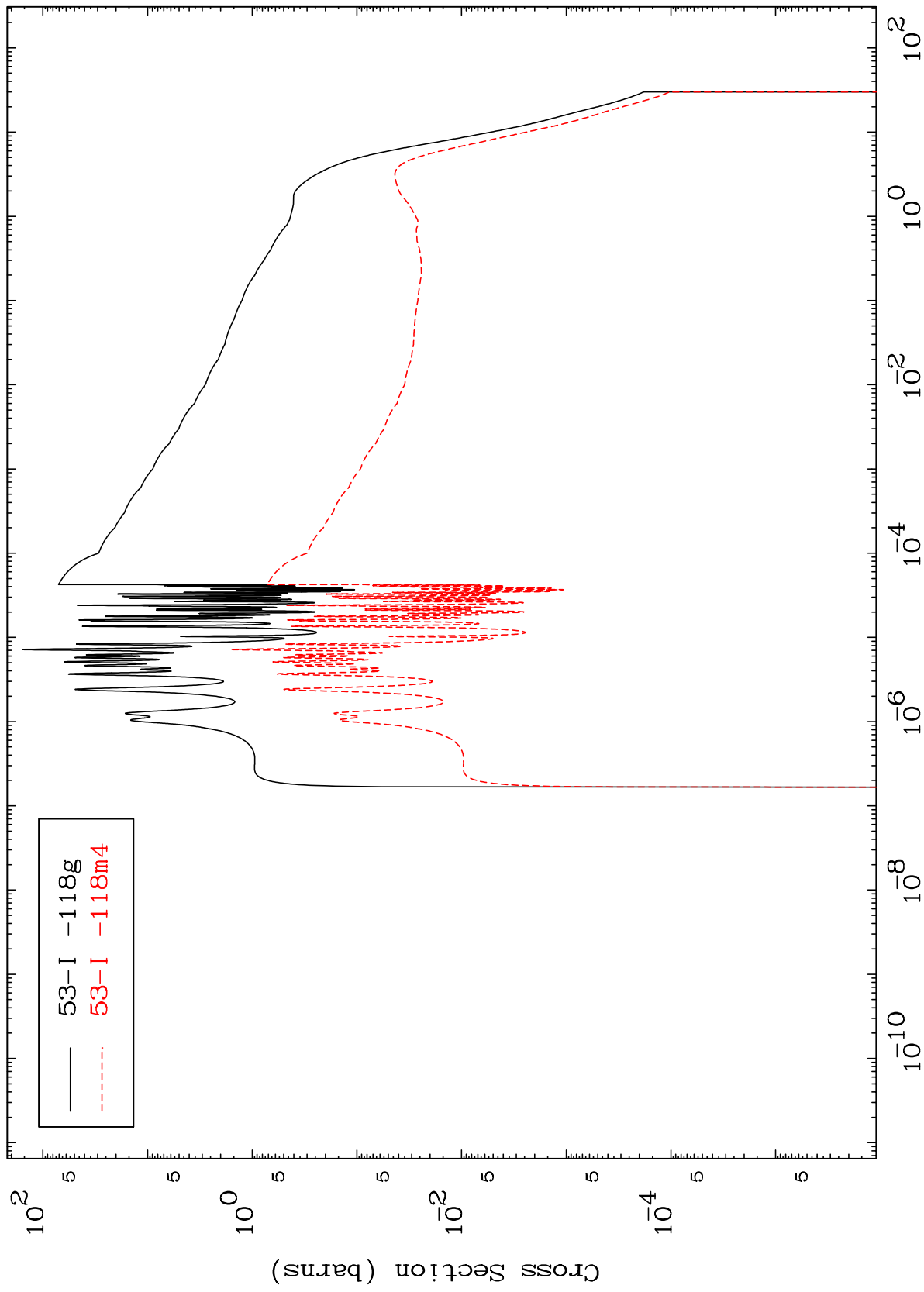
53-I -117

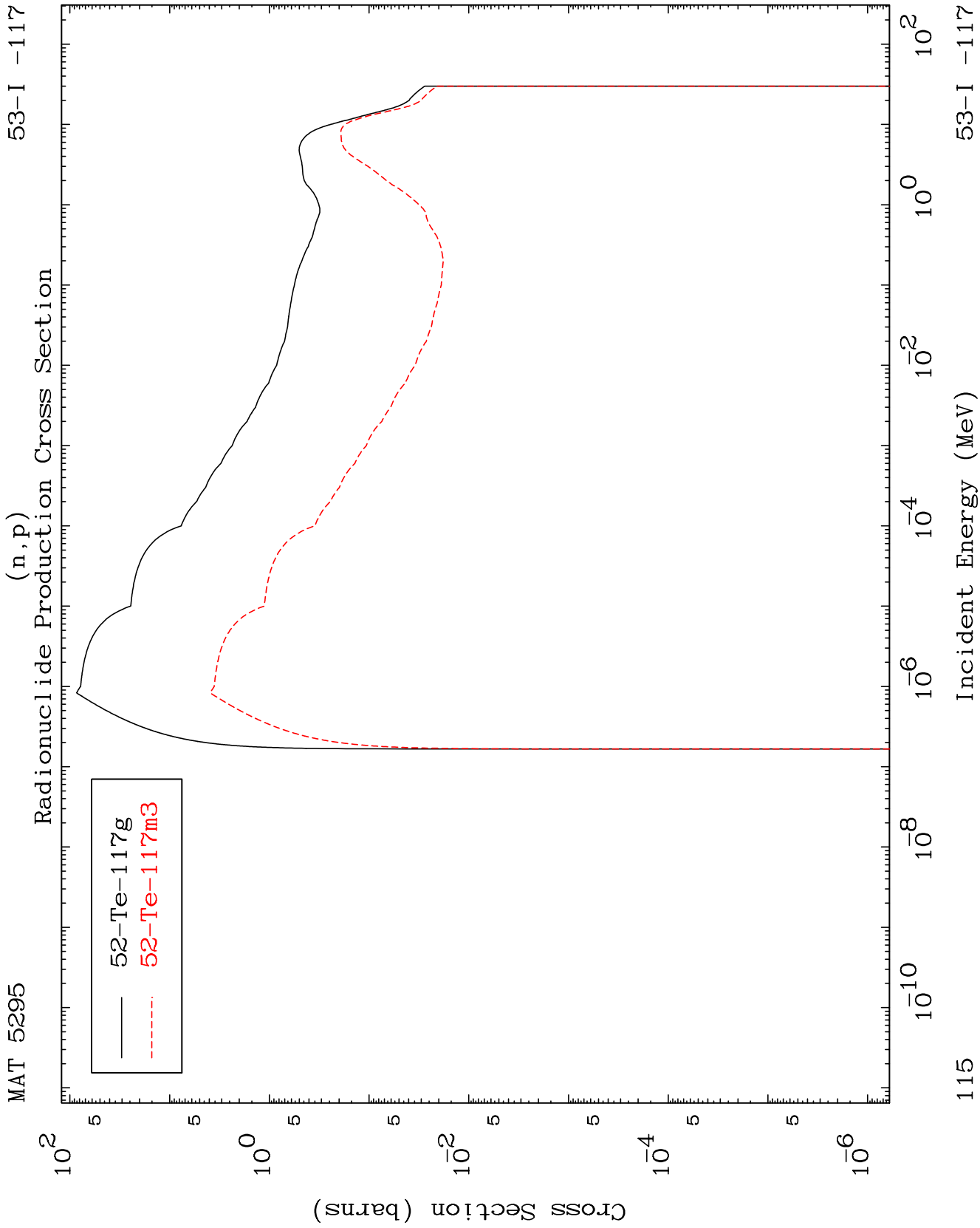
111

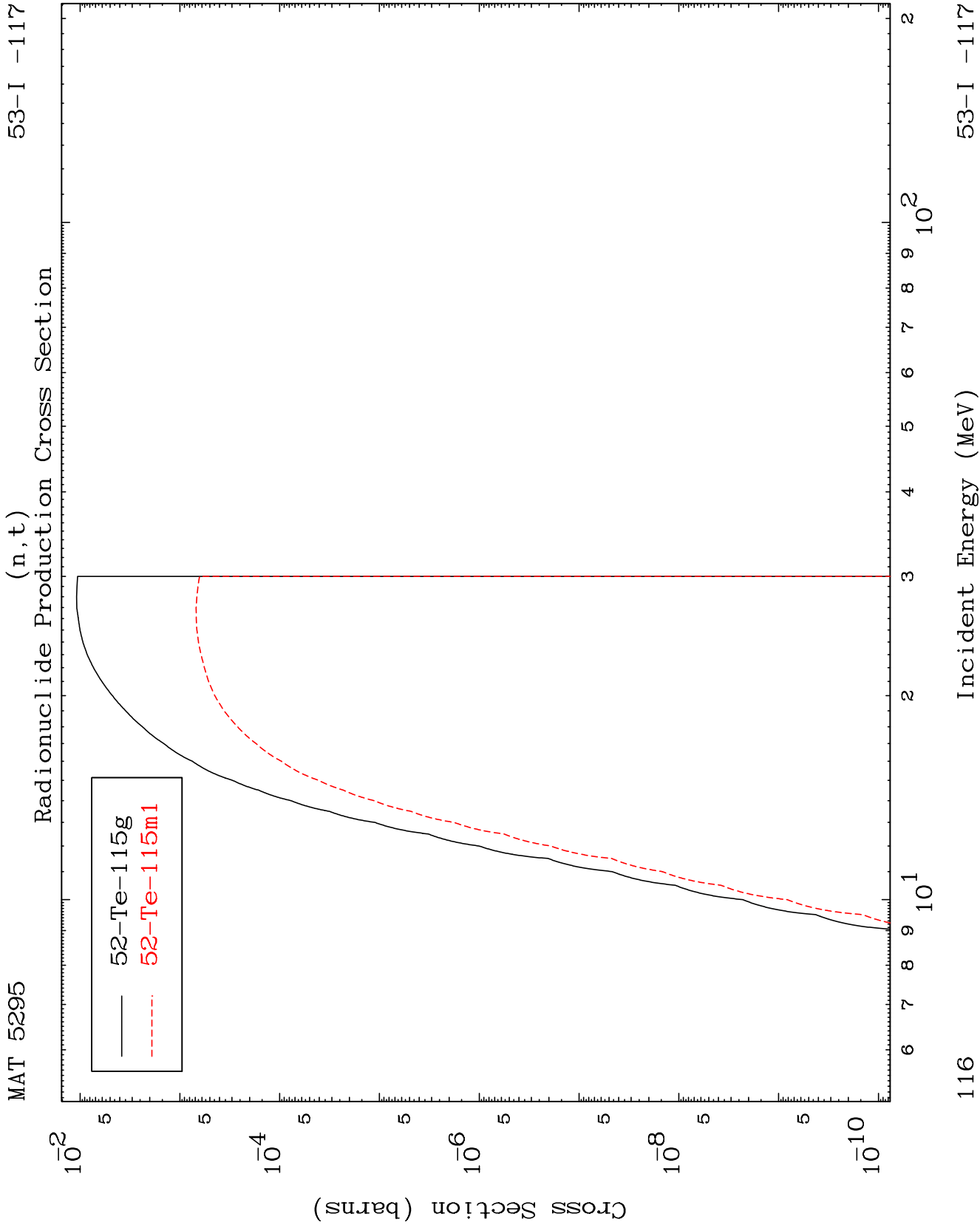




Radionuclide Production Cross Section





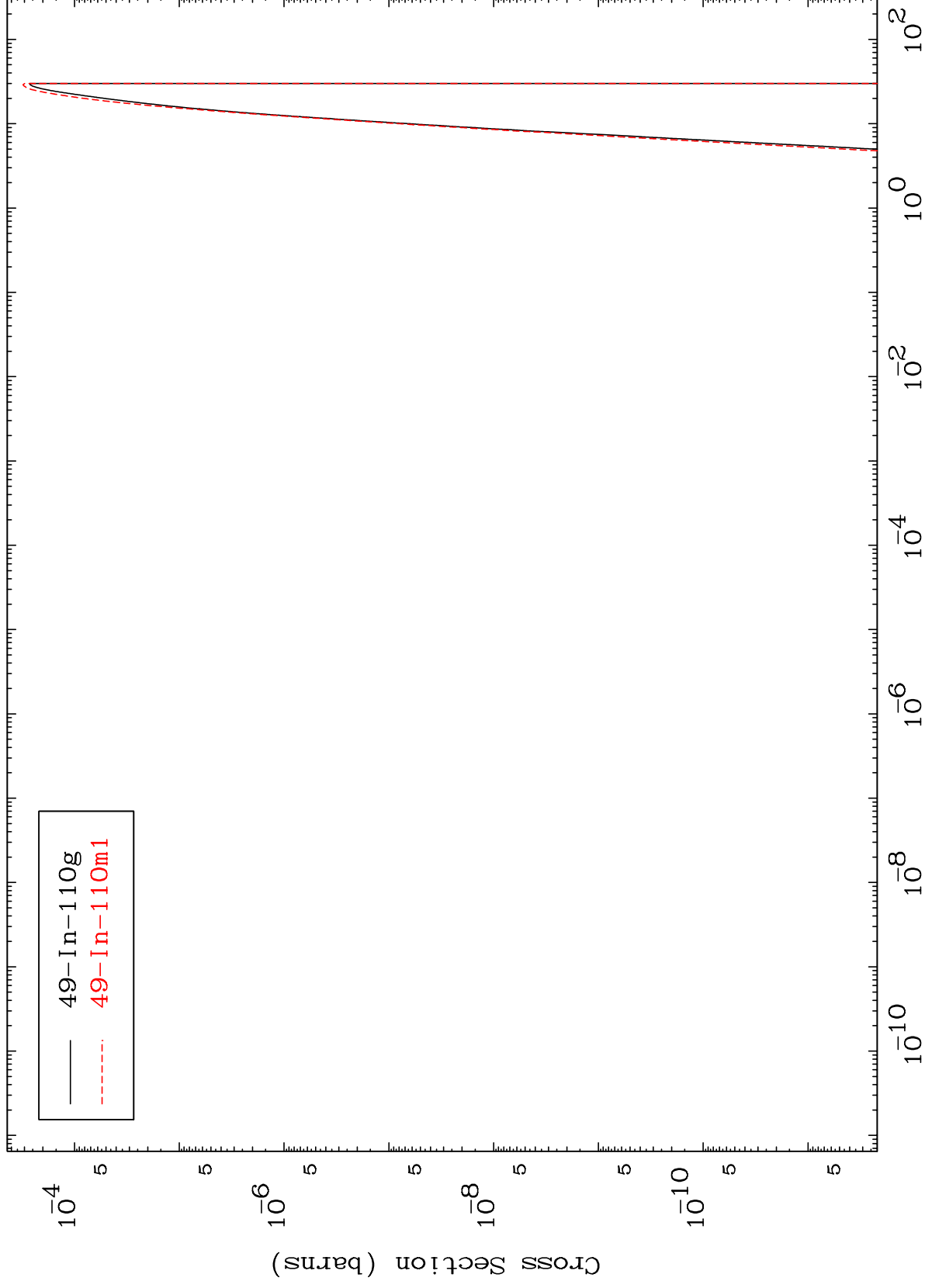


MAT 5295

(n,2α)

53-I -117

Radionuclide Production Cross Section

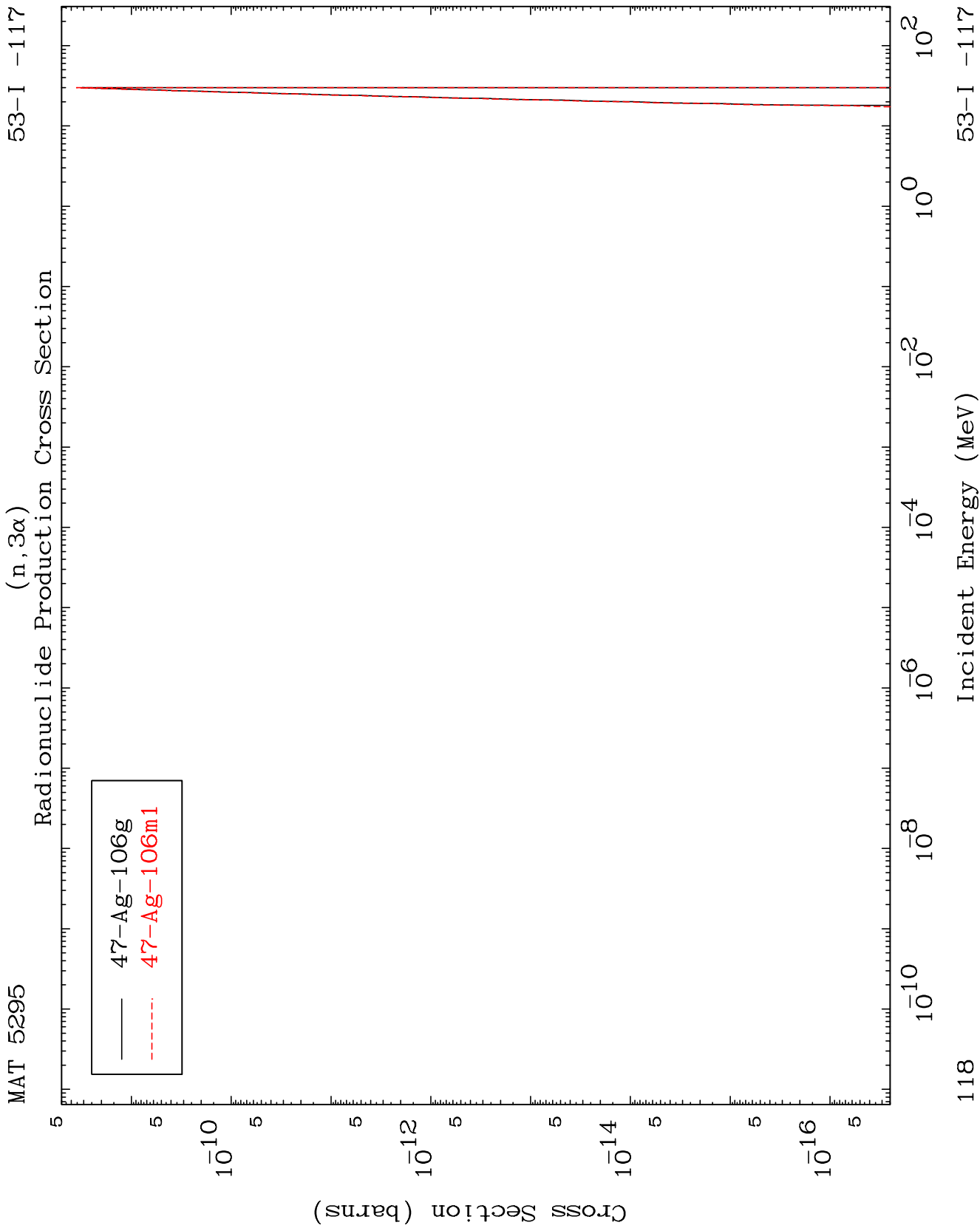


— 49-In-110g
- - - 49-In-110m1

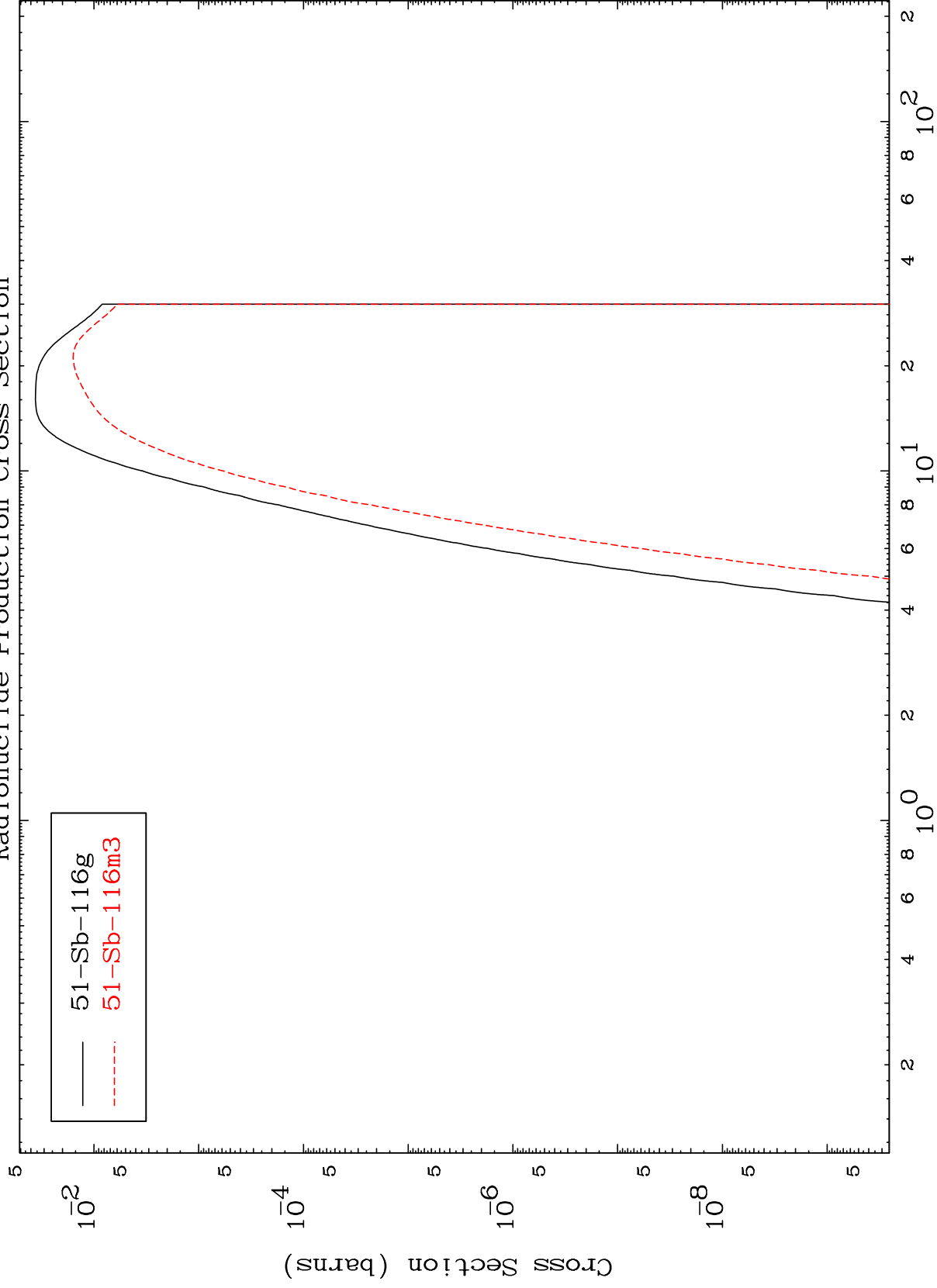
117

Incident Energy (MeV)

53-I -117



Radionuclide Production Cross Section (n,2p)

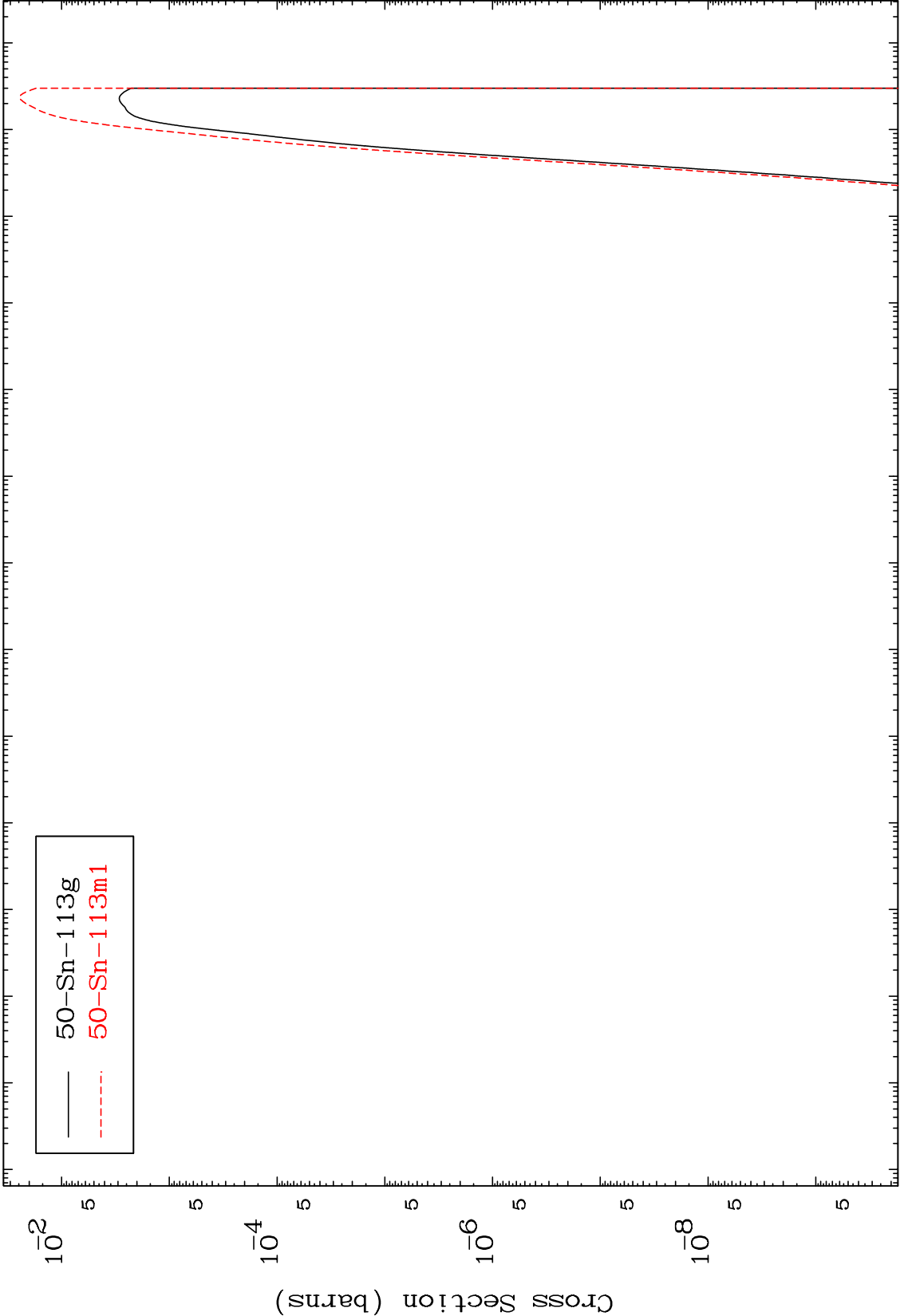
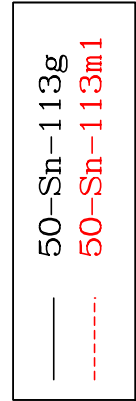


MAT 5295

(n,p) α

53-I -117

Radionuclide Production Cross Section



120

Incident Energy (MeV)

53-I -117