

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

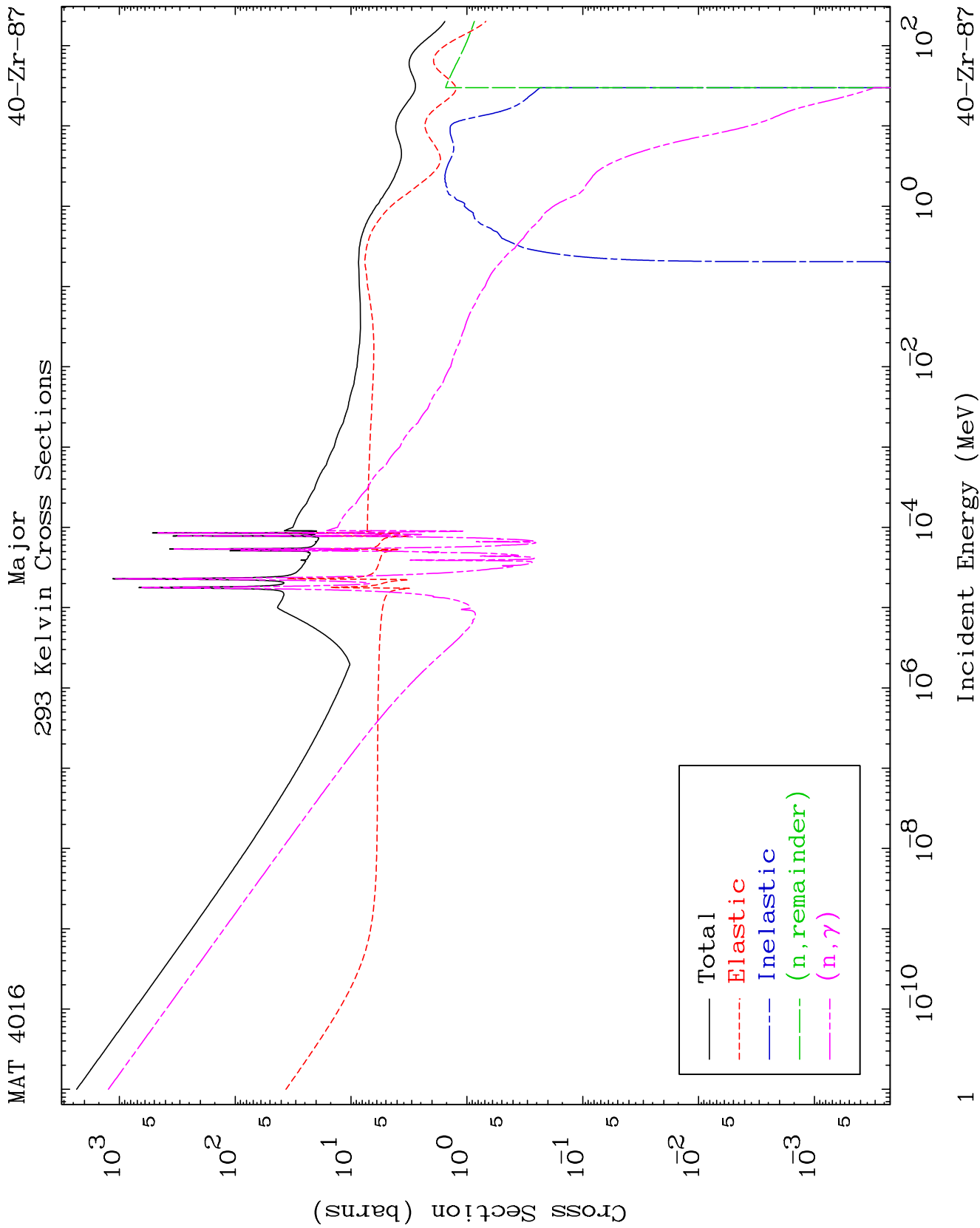
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

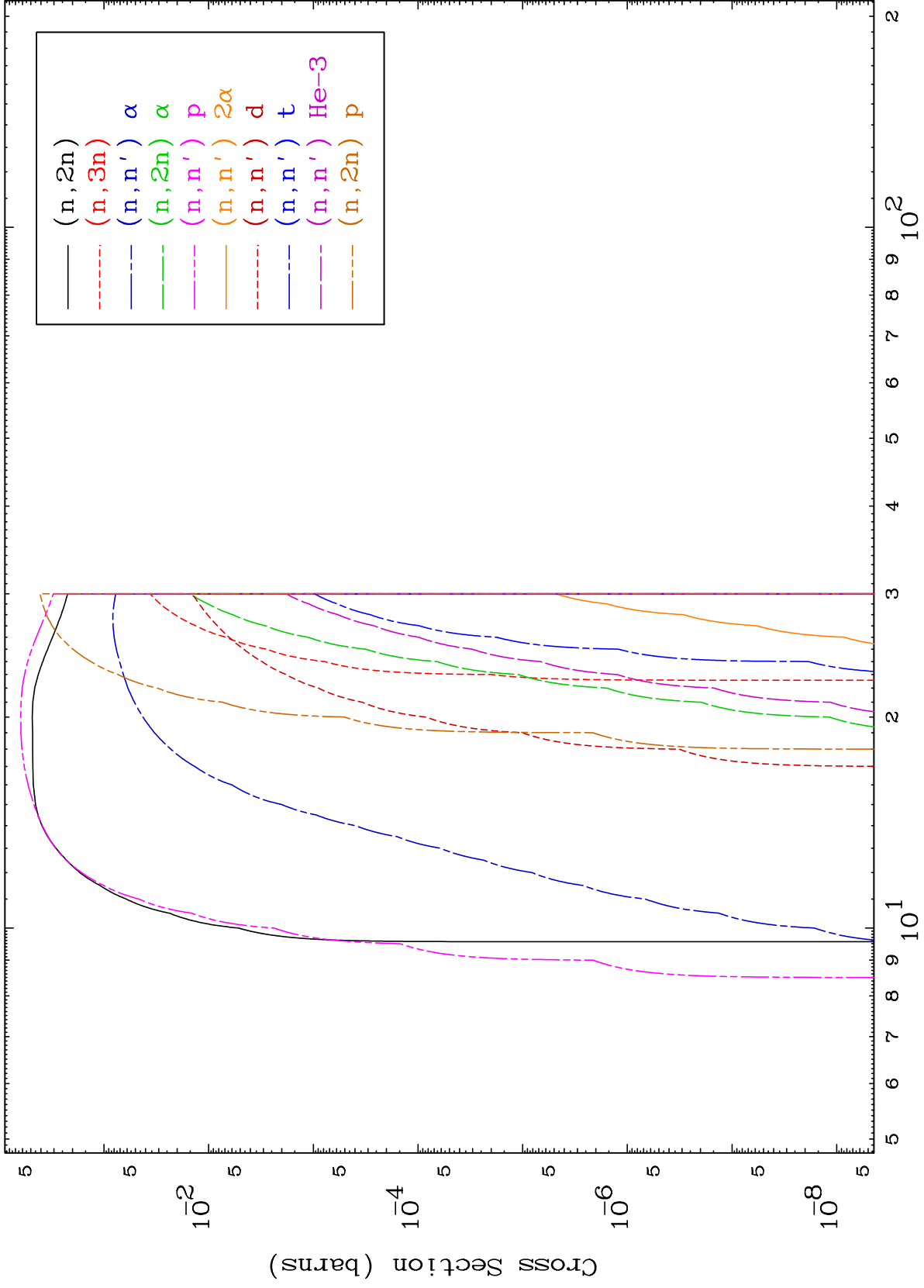
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

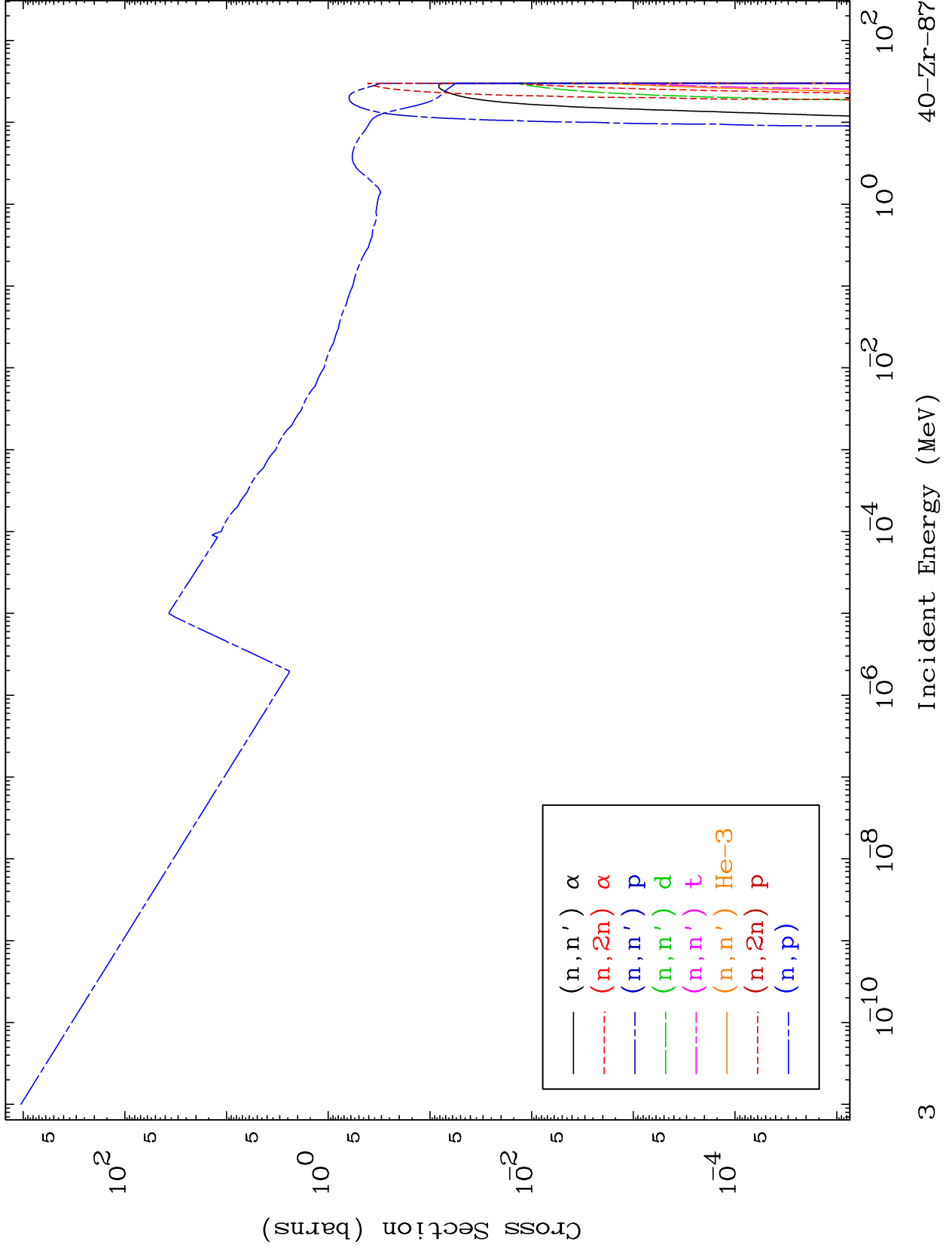


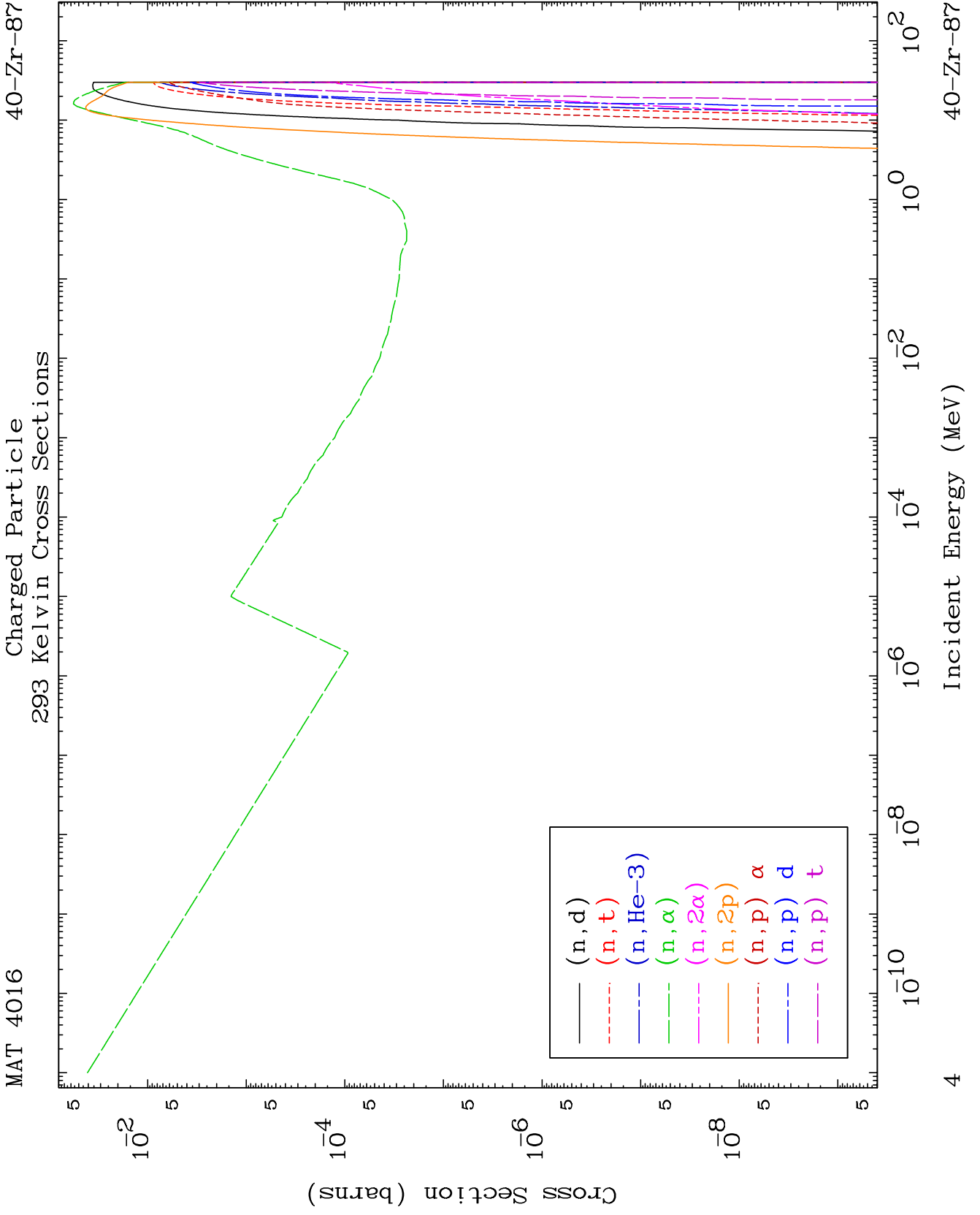


MAT 4016

Charged Particle
293 Kelvin Cross Sections

40-Zr-87

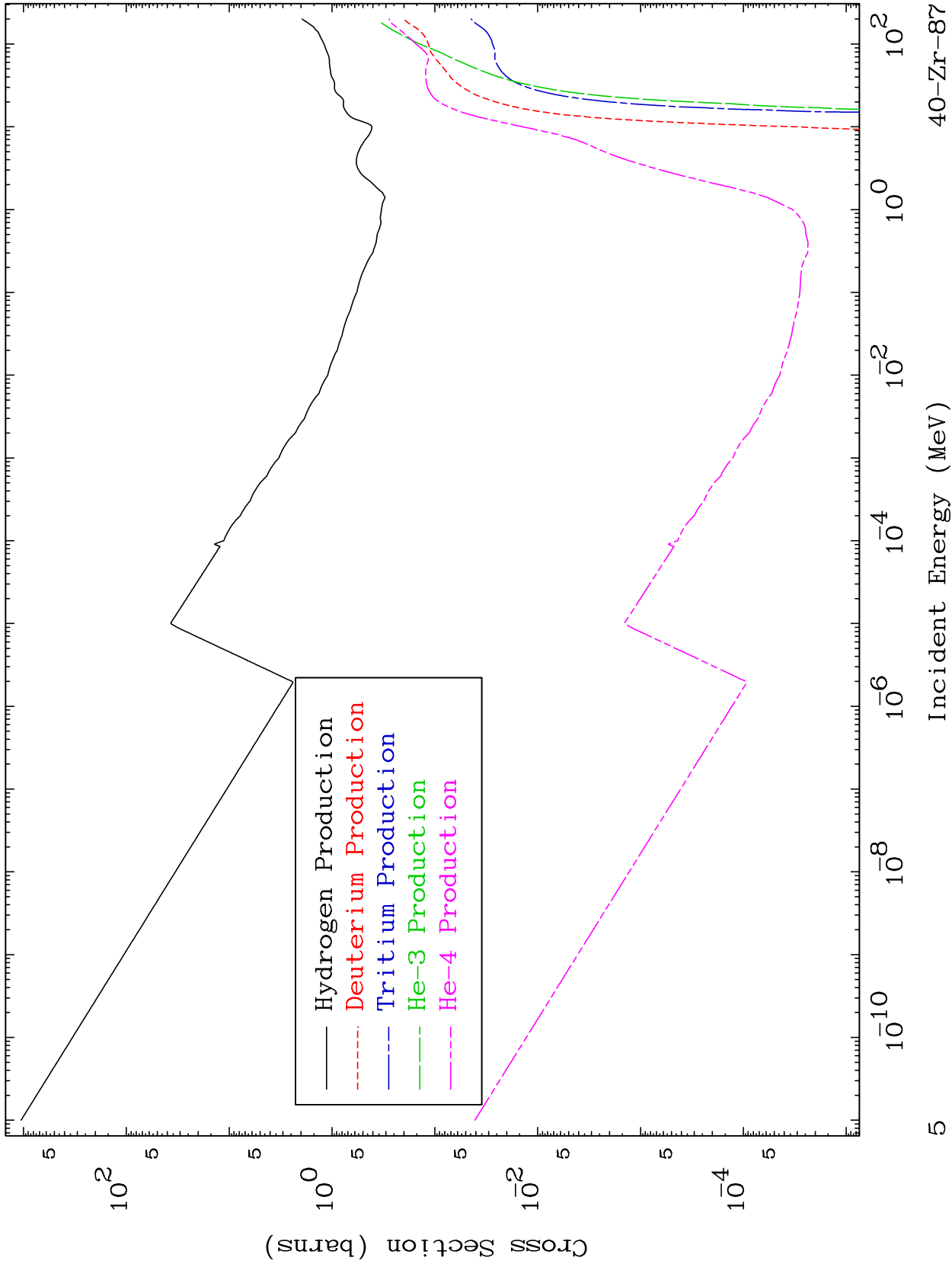




MAT 4016

Particle Production
293 Kelvin Cross Sections

40-Zr-87

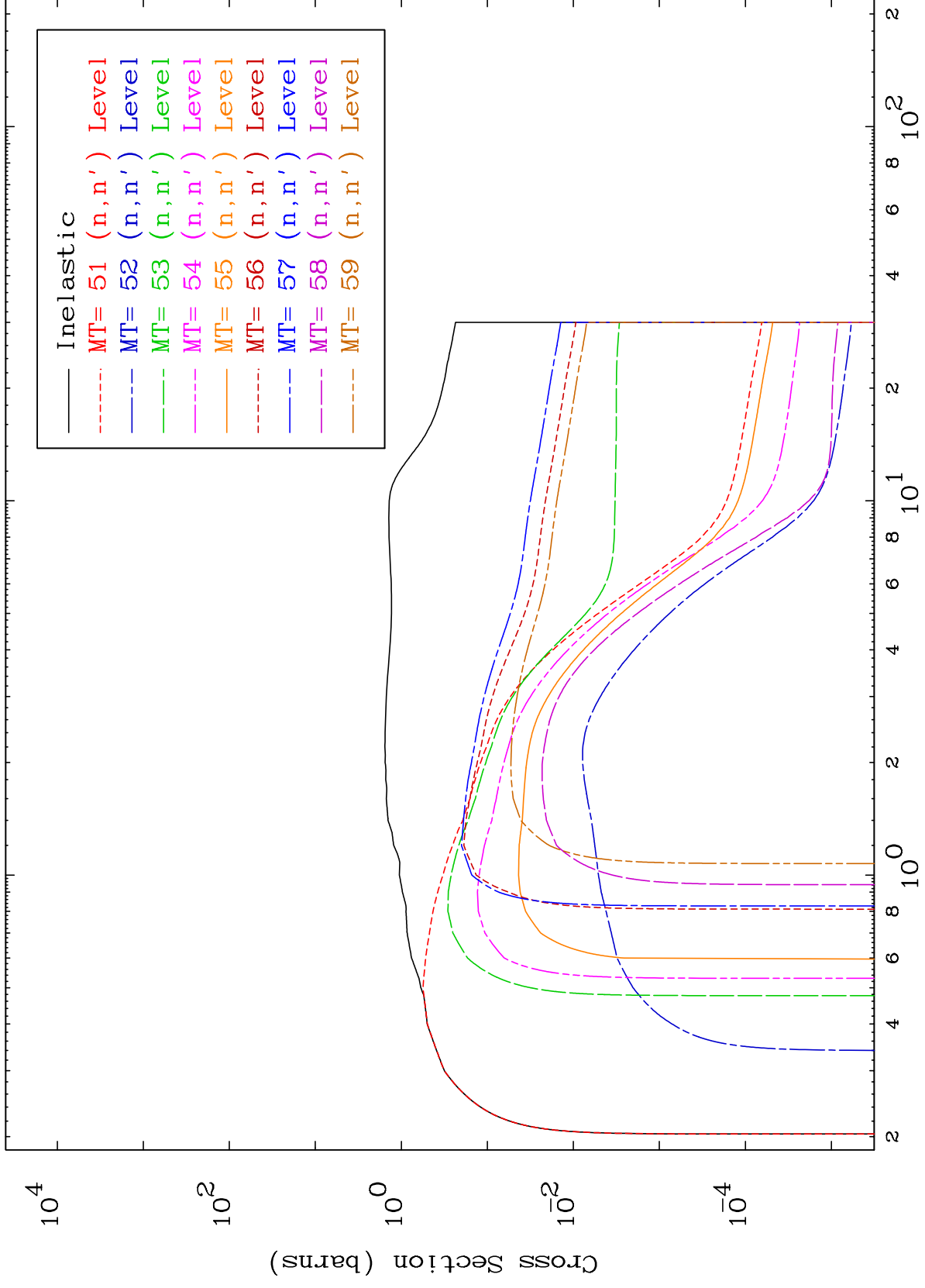


MAT 4016

(n,n') Level

40-Zr-87

293 Kelvin Cross Sections



6

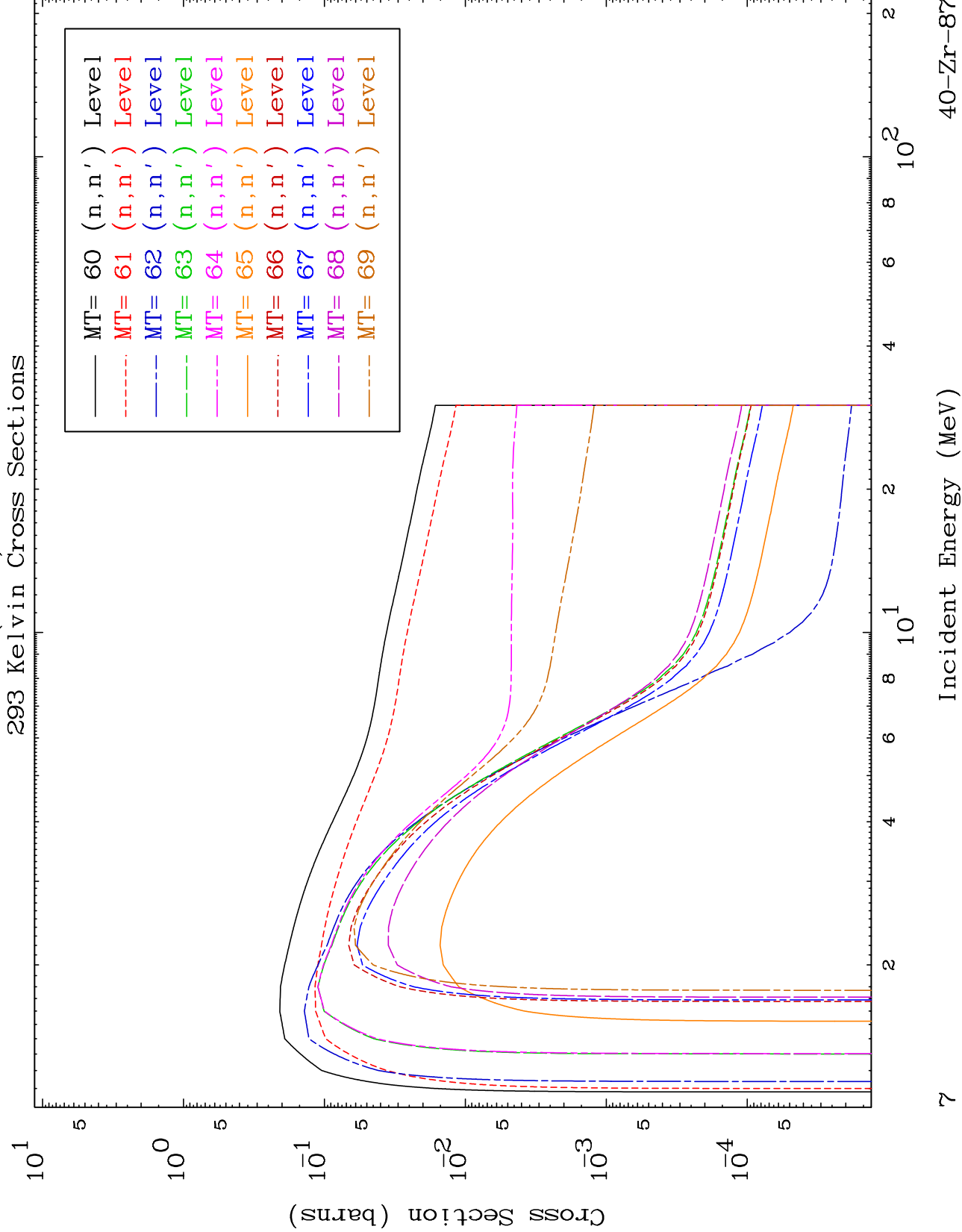
Incident Energy (MeV)

40-Zr-87

MAT 4016

(n,n') Level

40-Zr-87

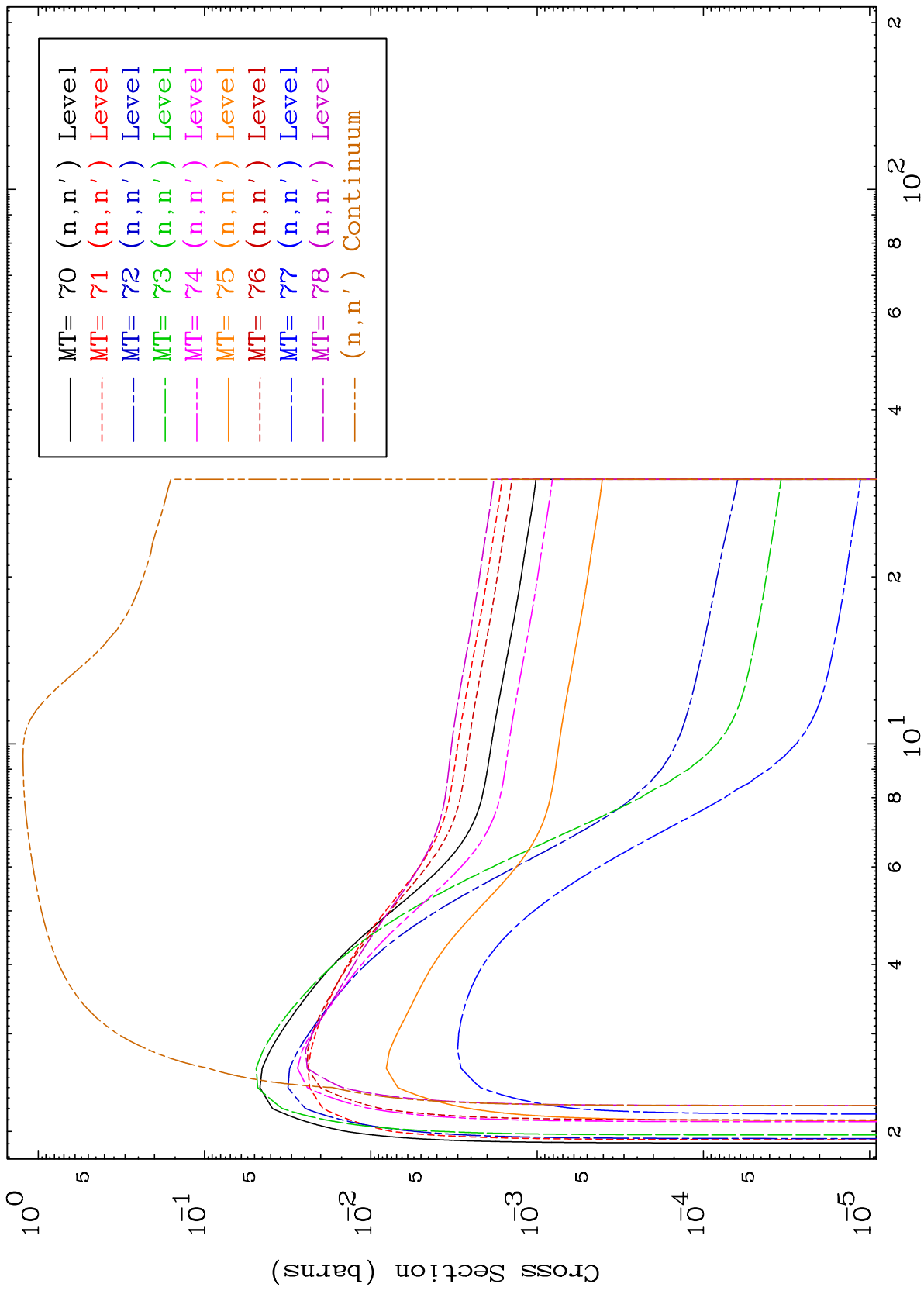


MAT 4016

(n,n') Level

40-Zr-87

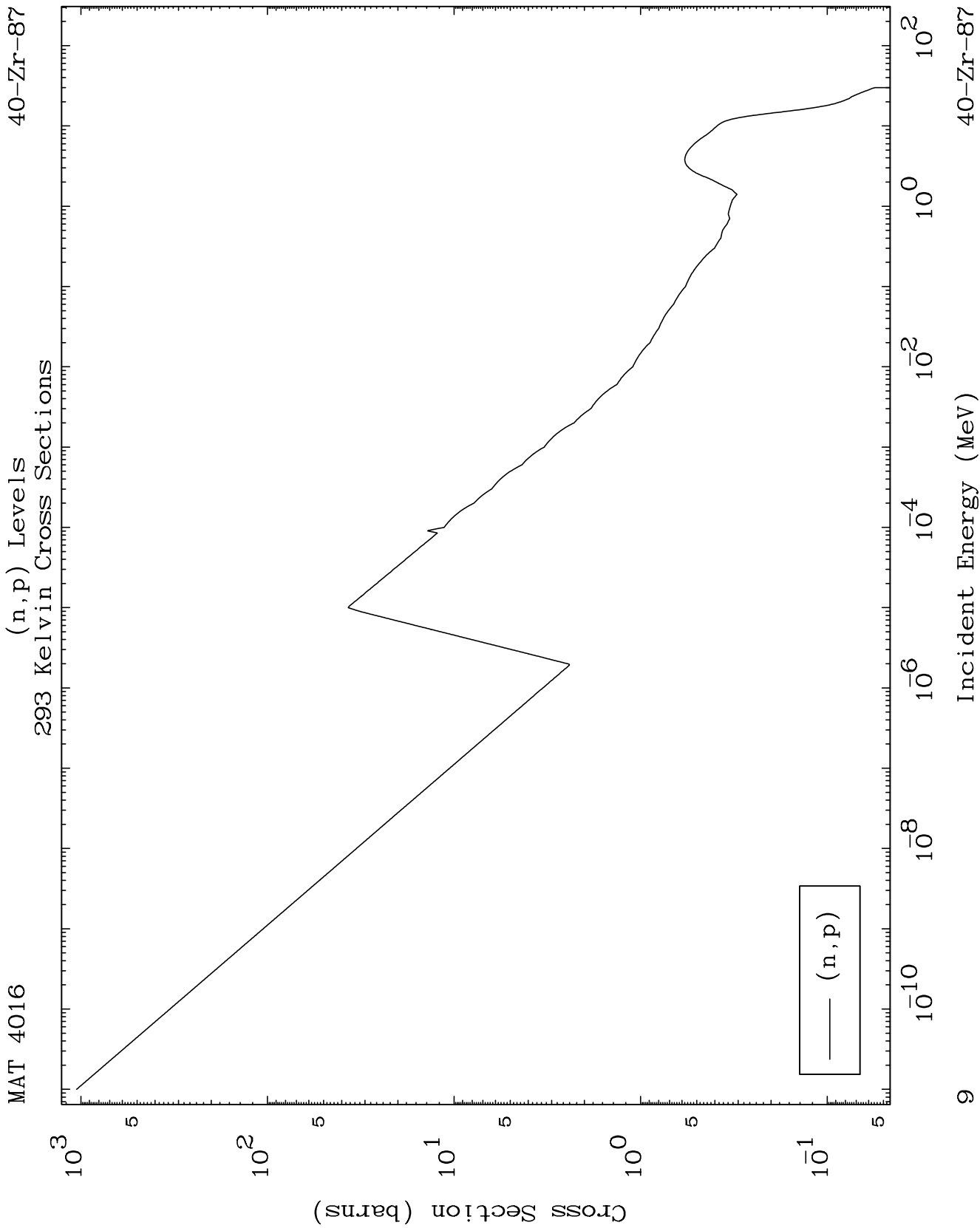
293 Kelvin Cross Sections

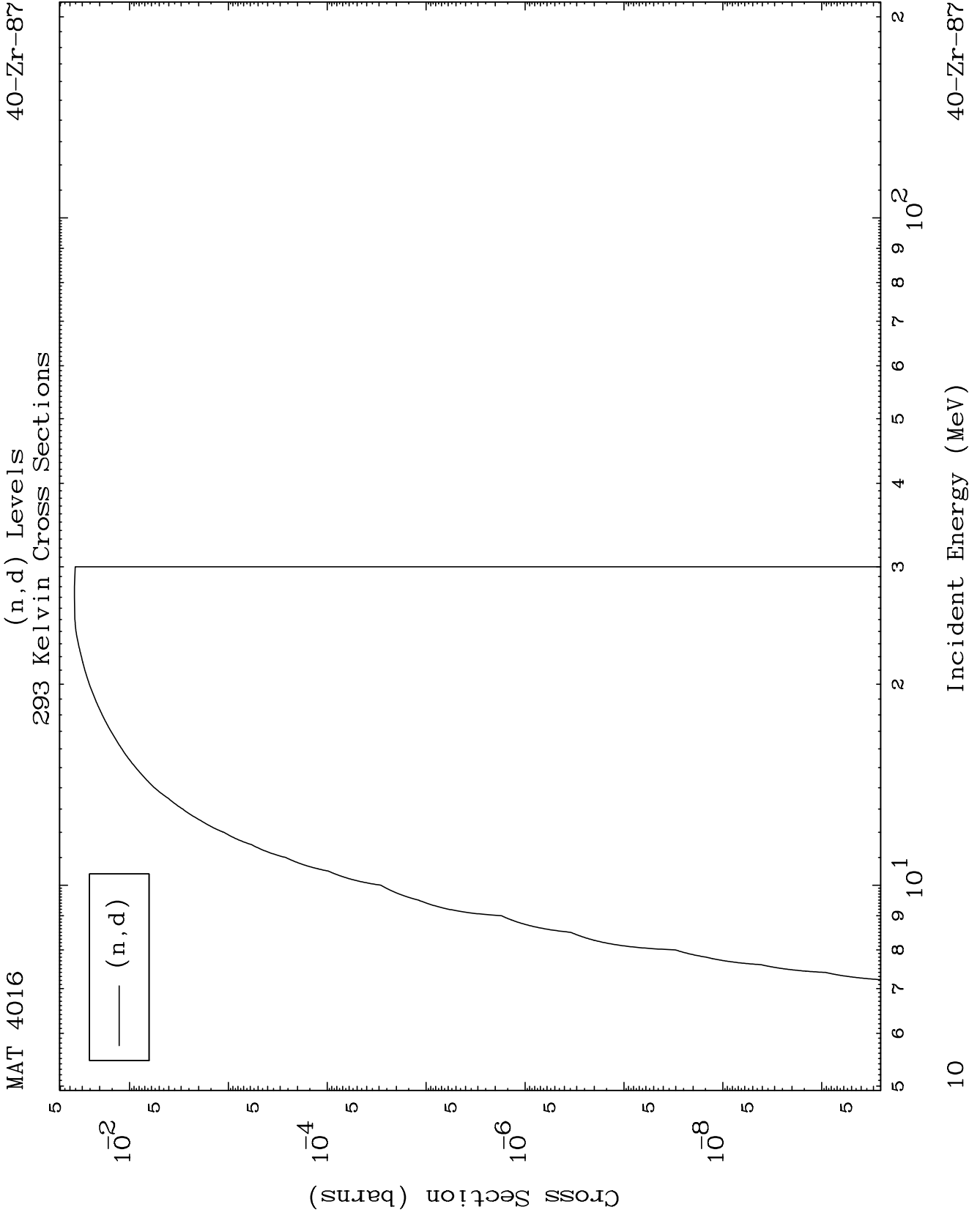


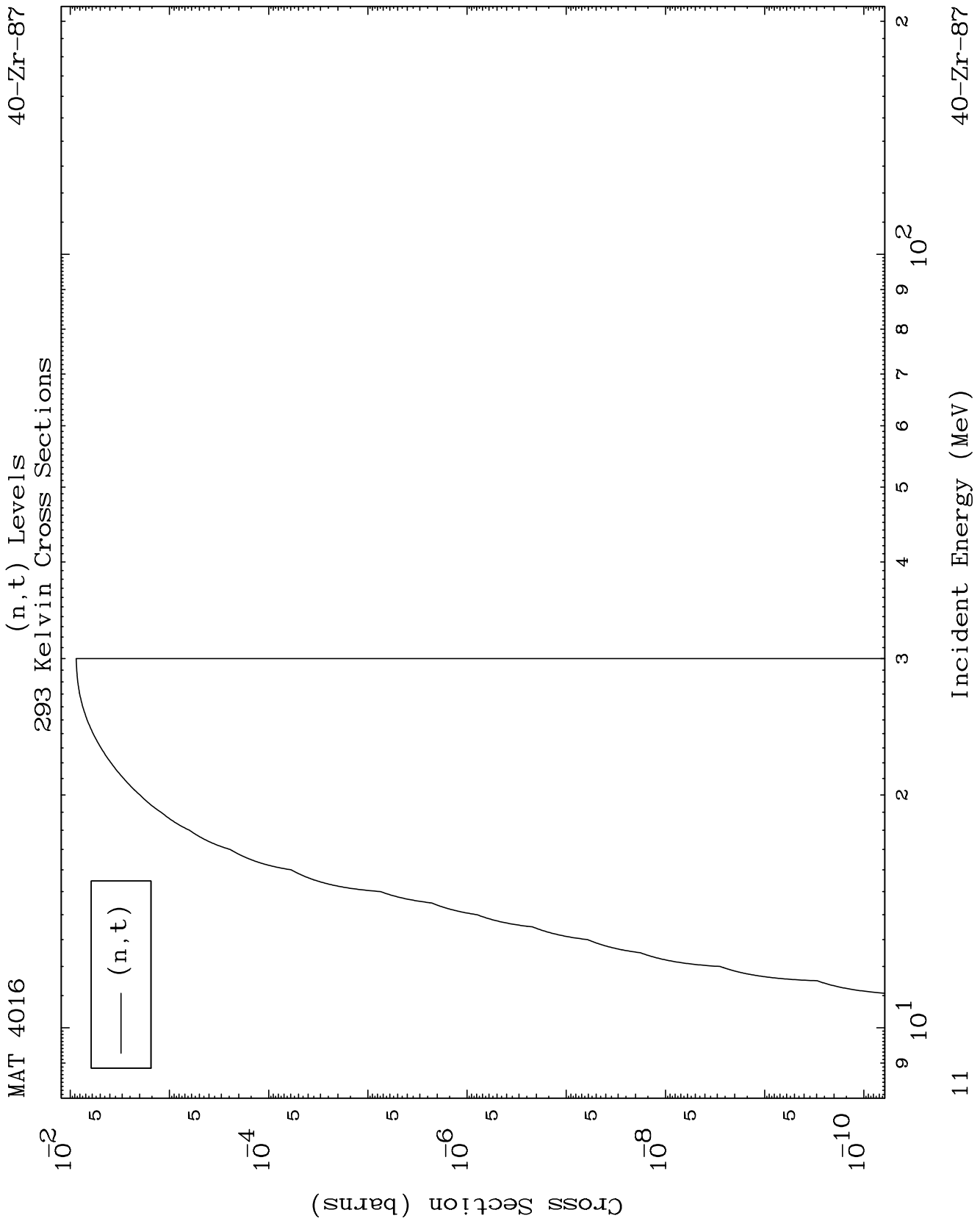
Incident Energy (MeV)

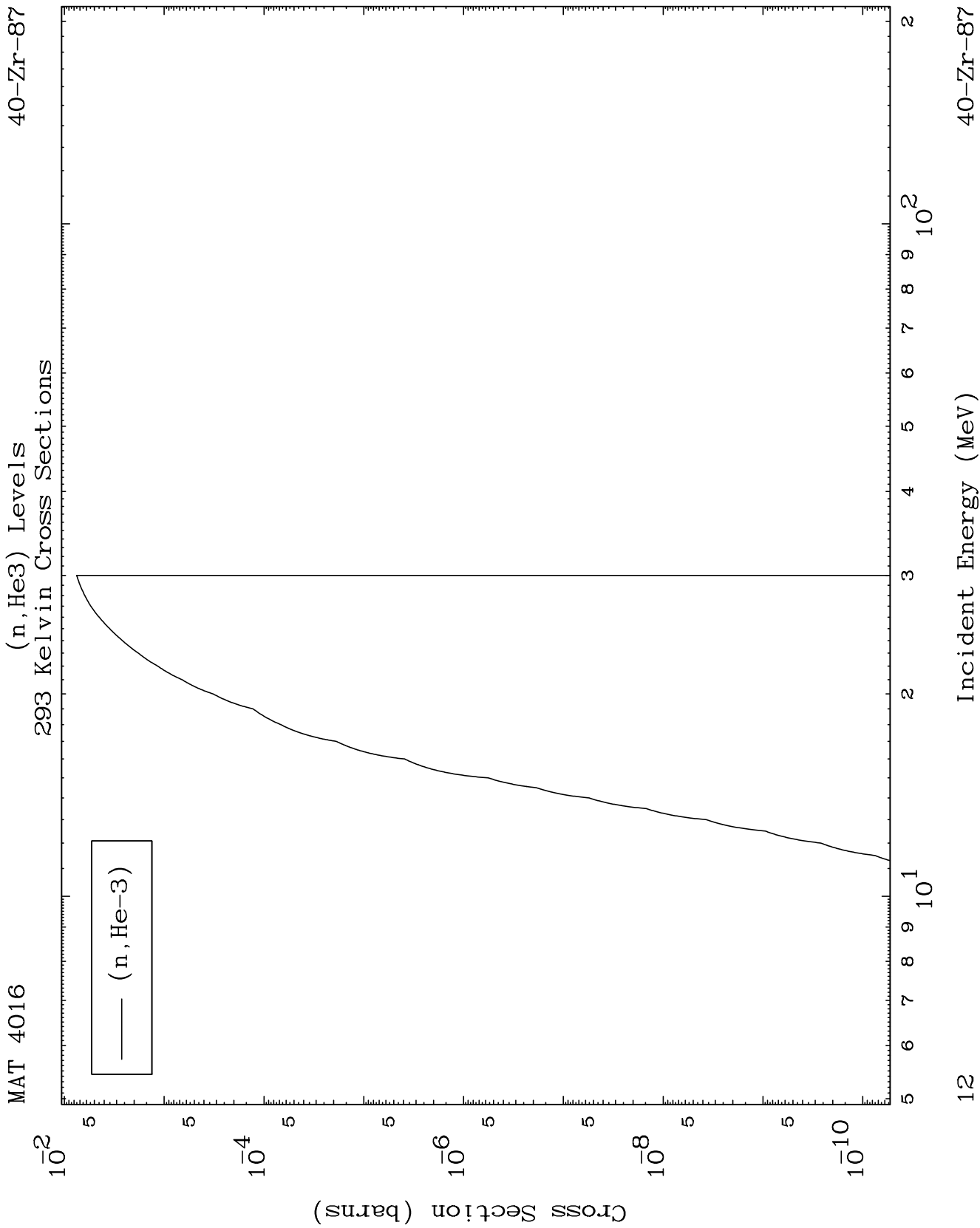
40-Zr-87

8





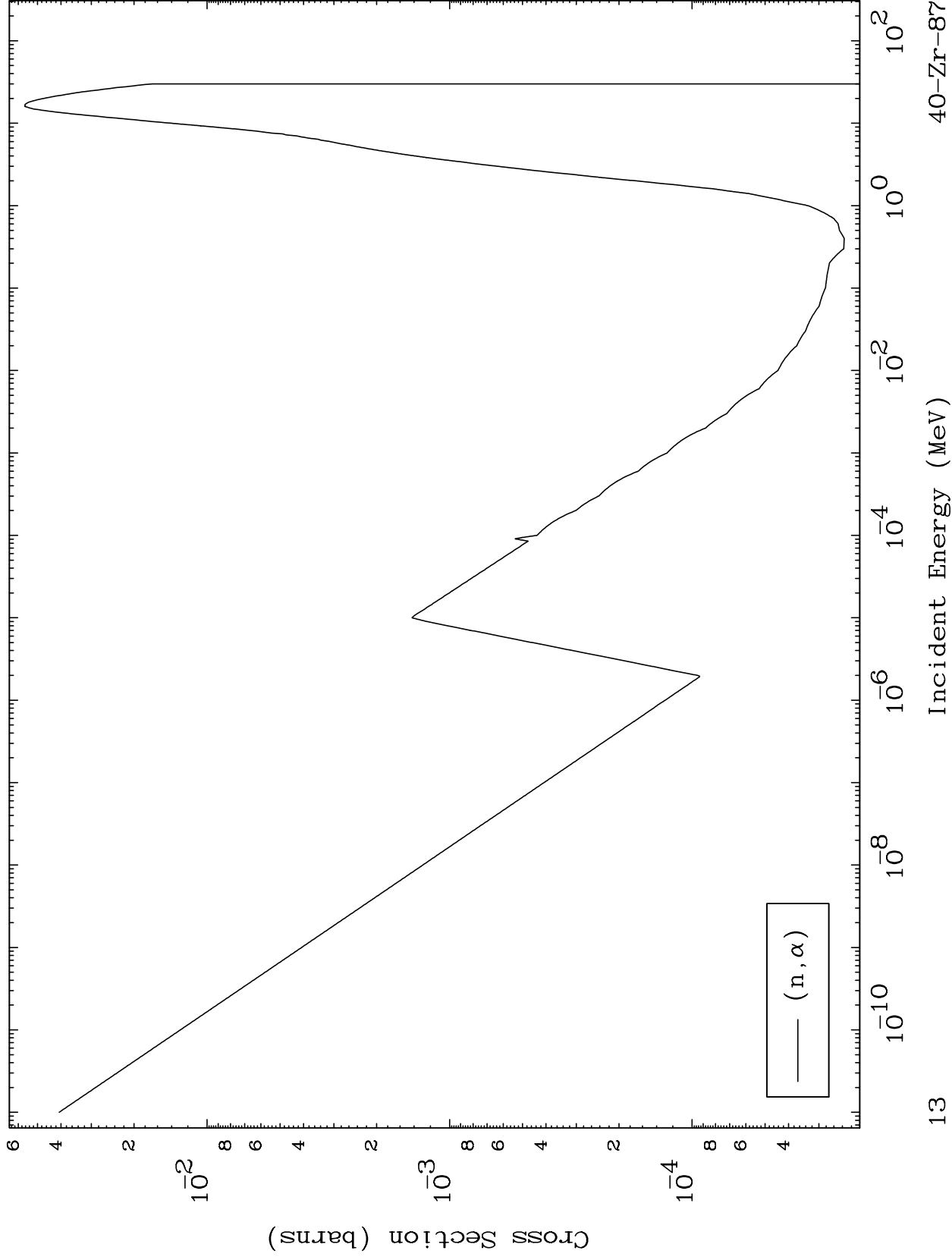




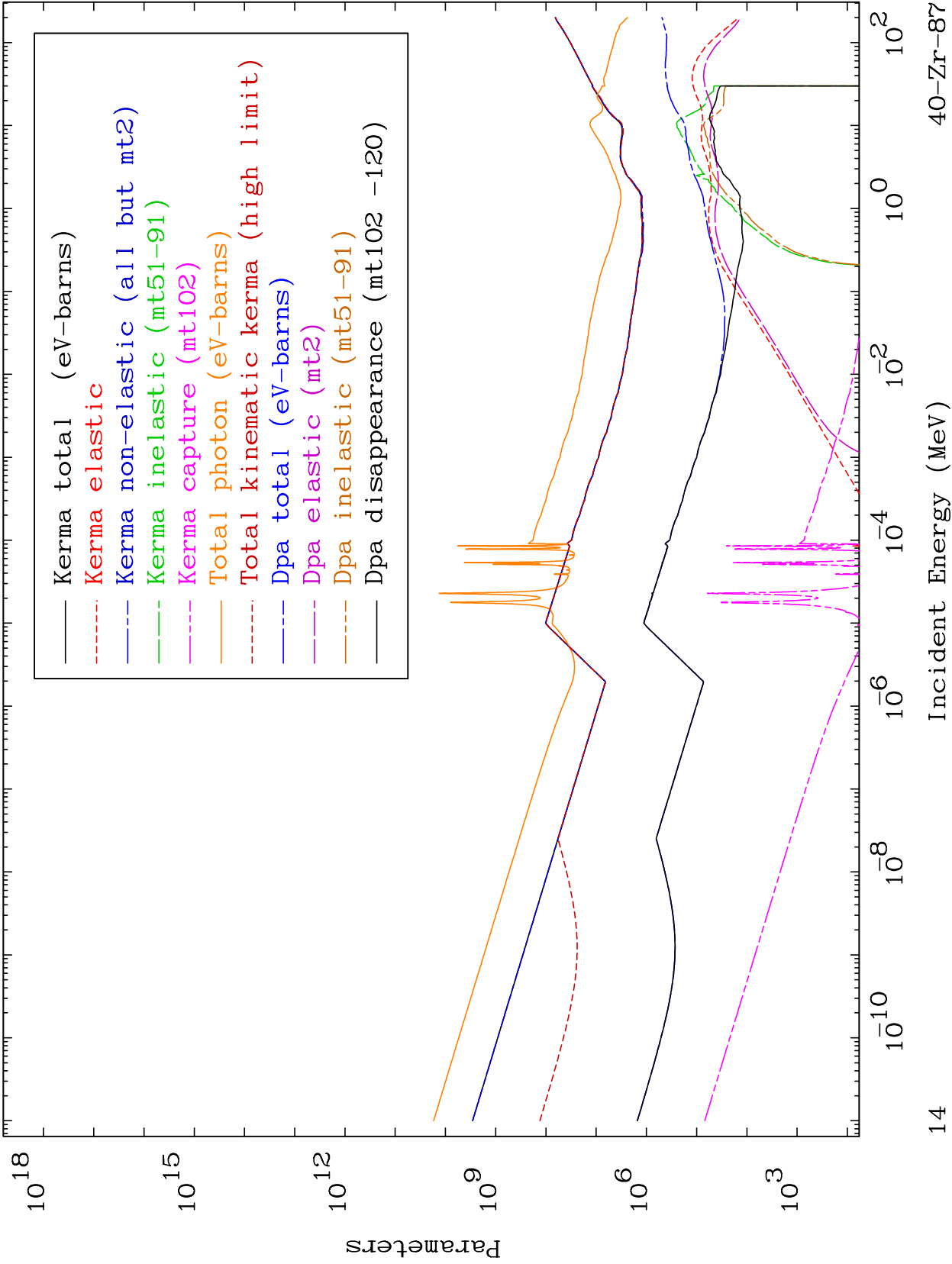
MAT 4016

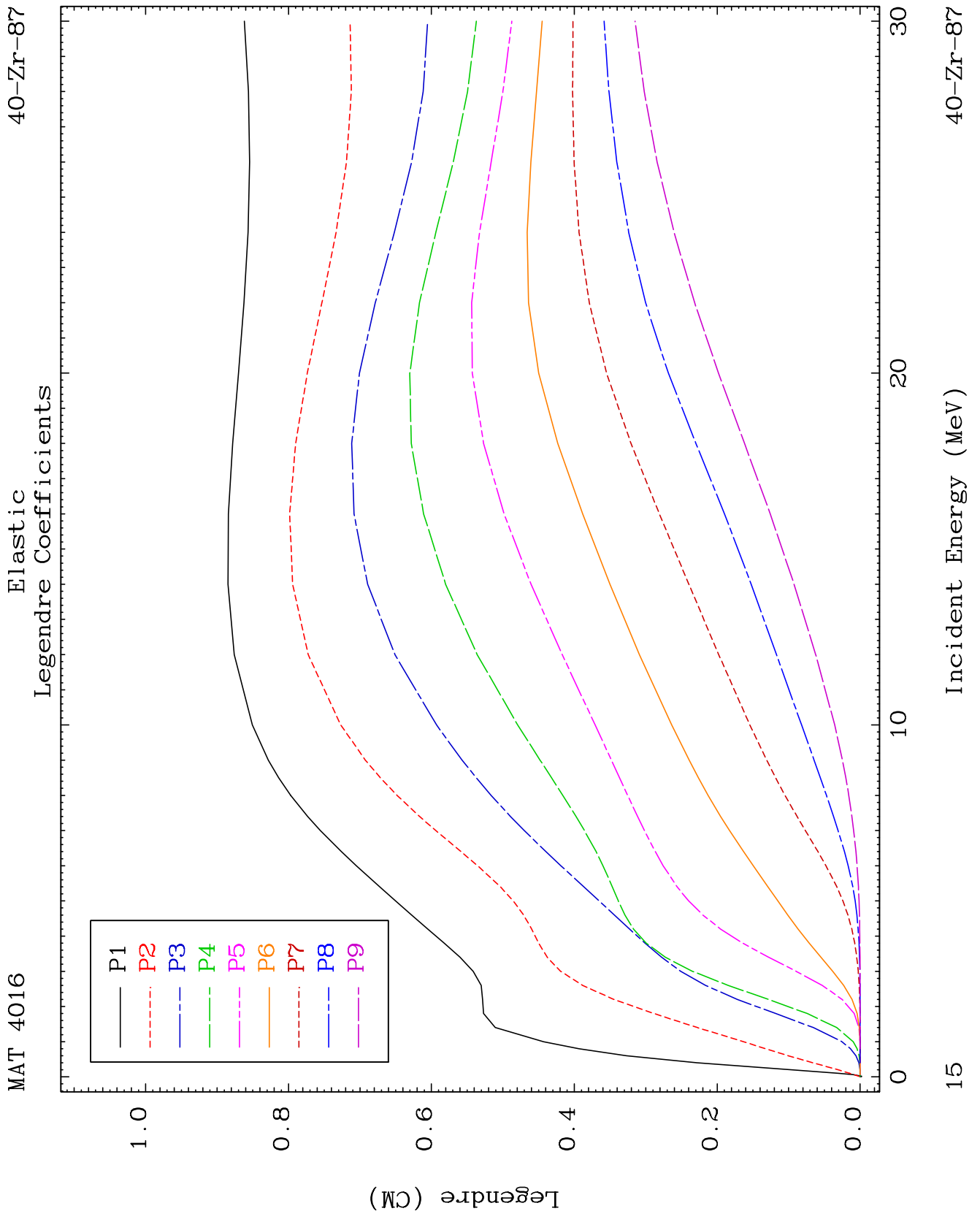
(n, α) Levels
293 Kelvin Cross Sections

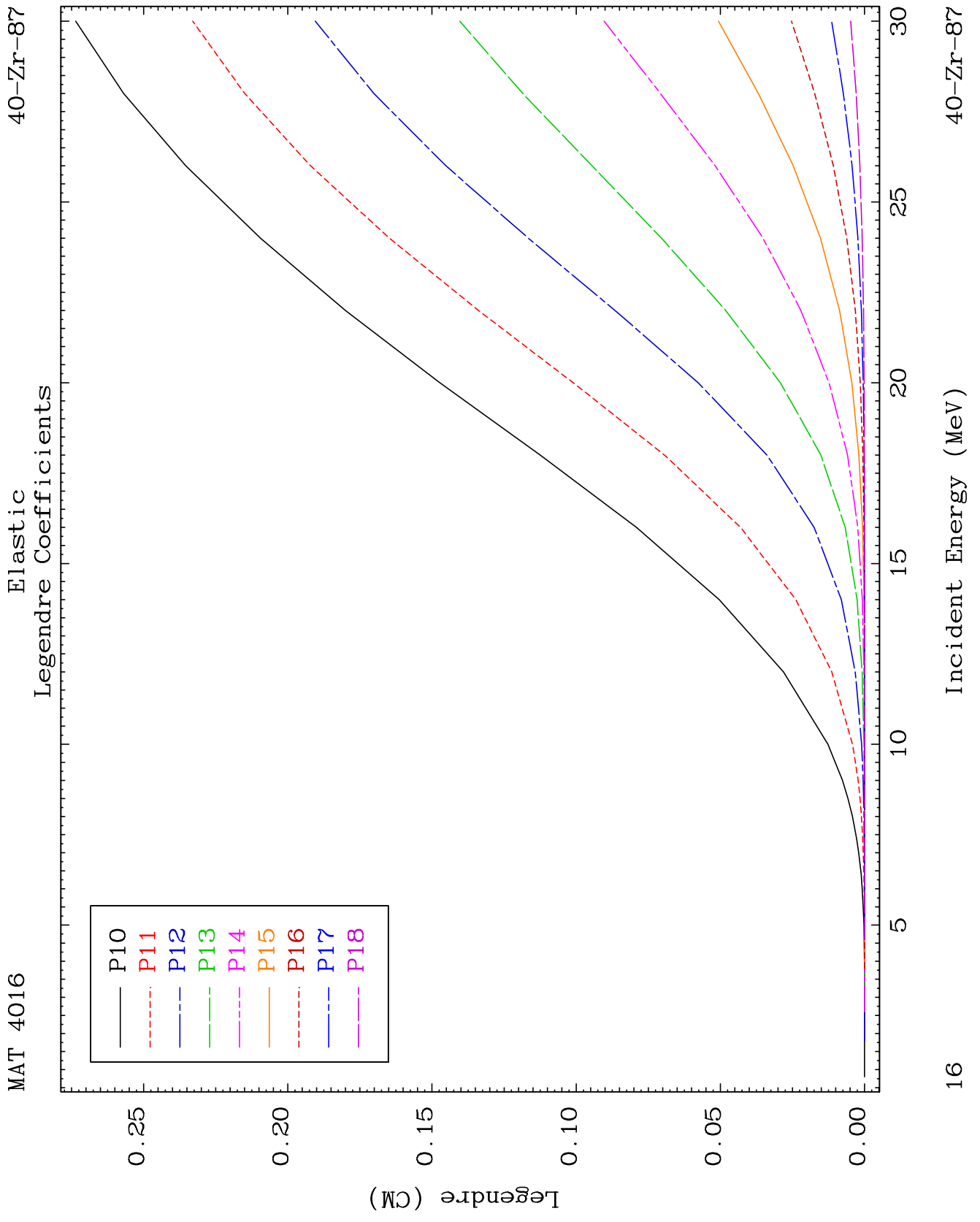
40-Zr-87



13



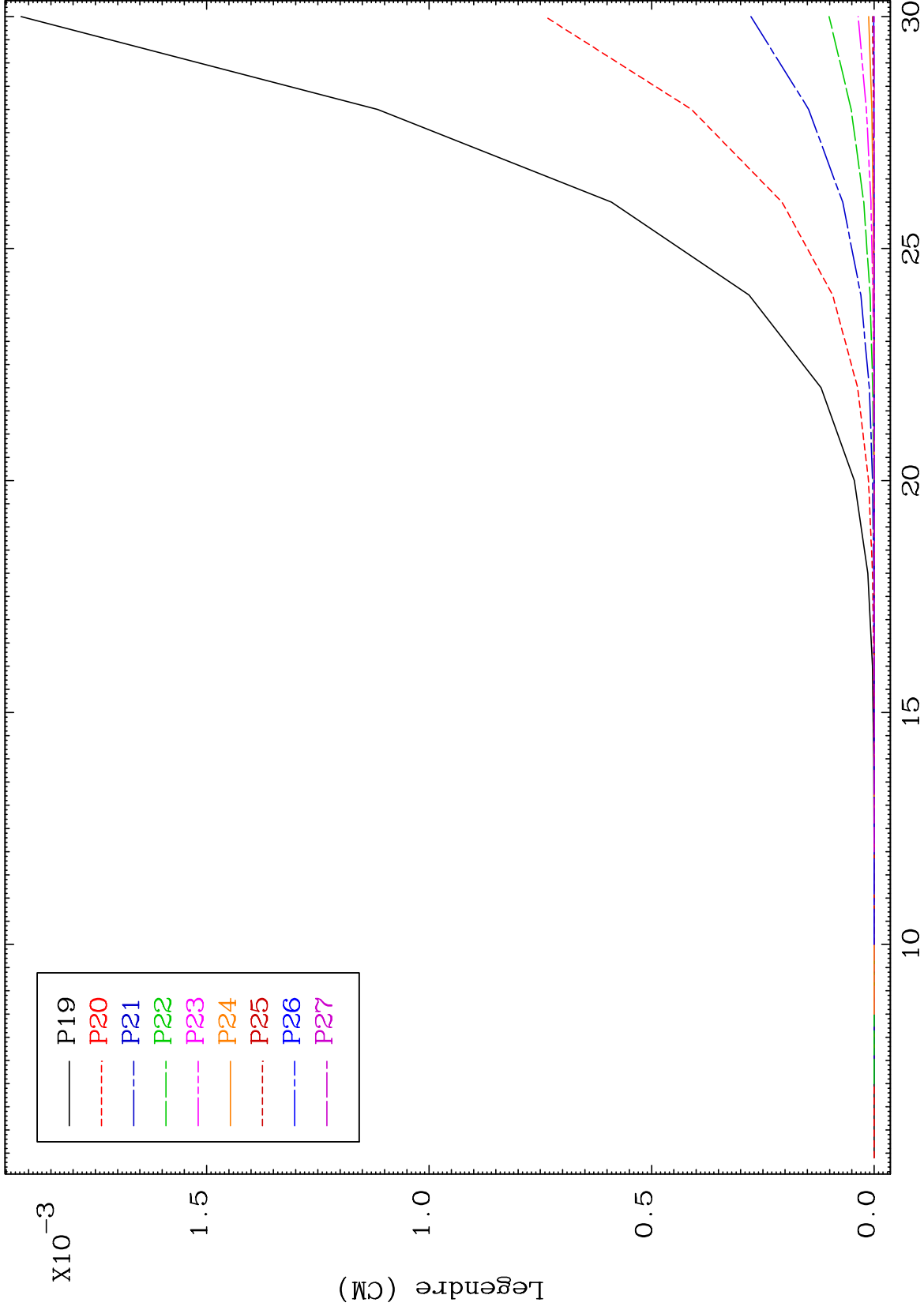




MAT 4016

Elastic
Legendre Coefficients

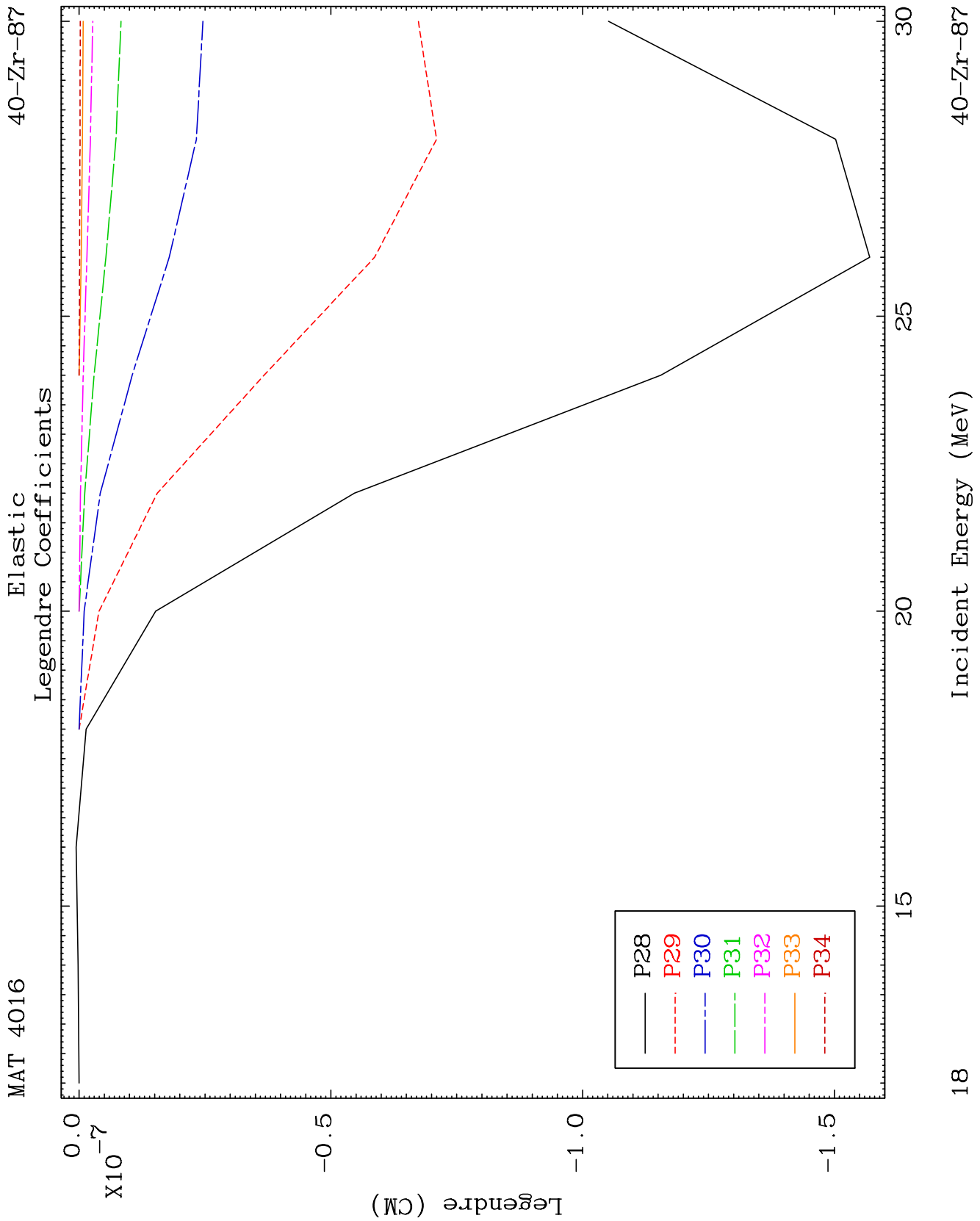
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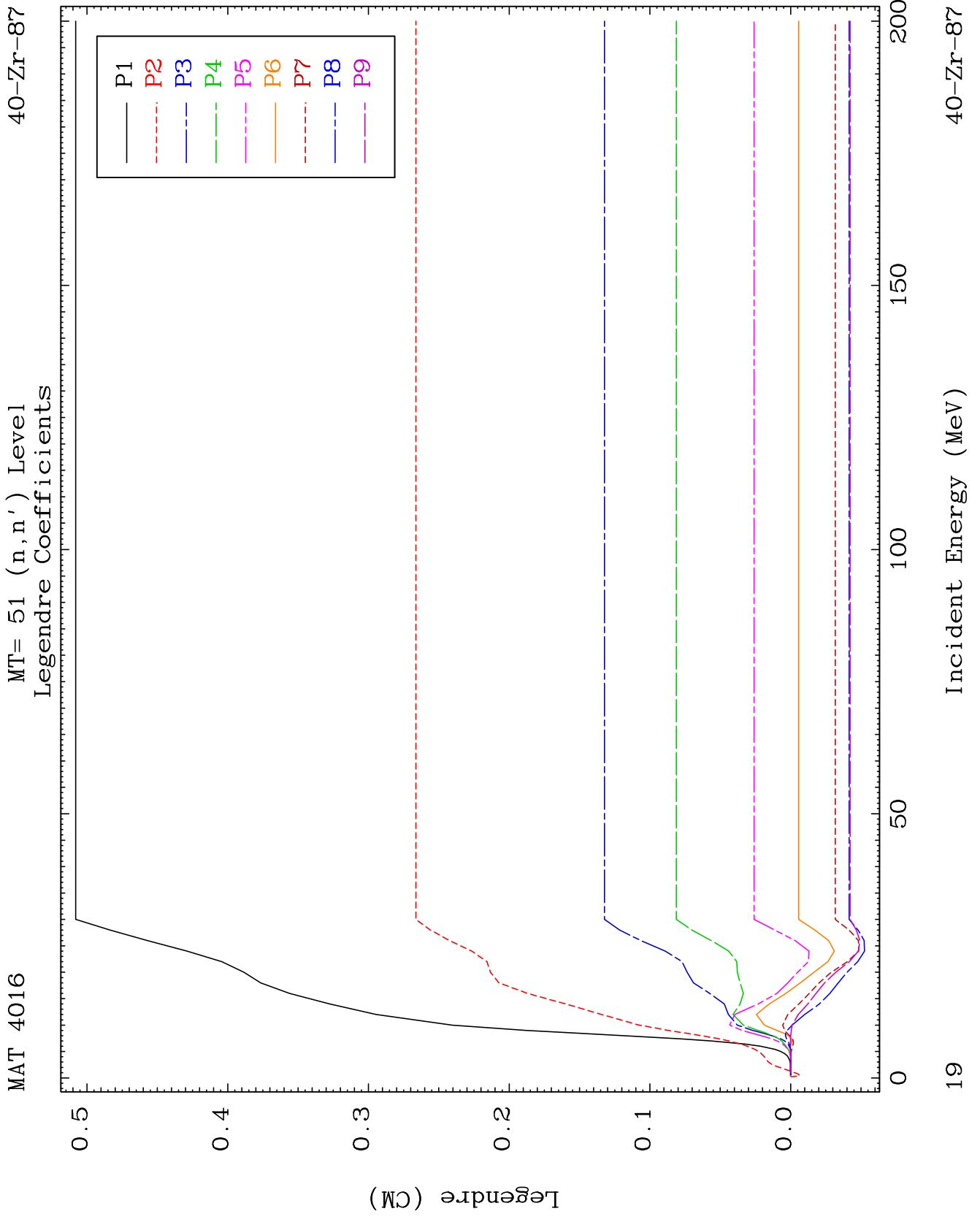


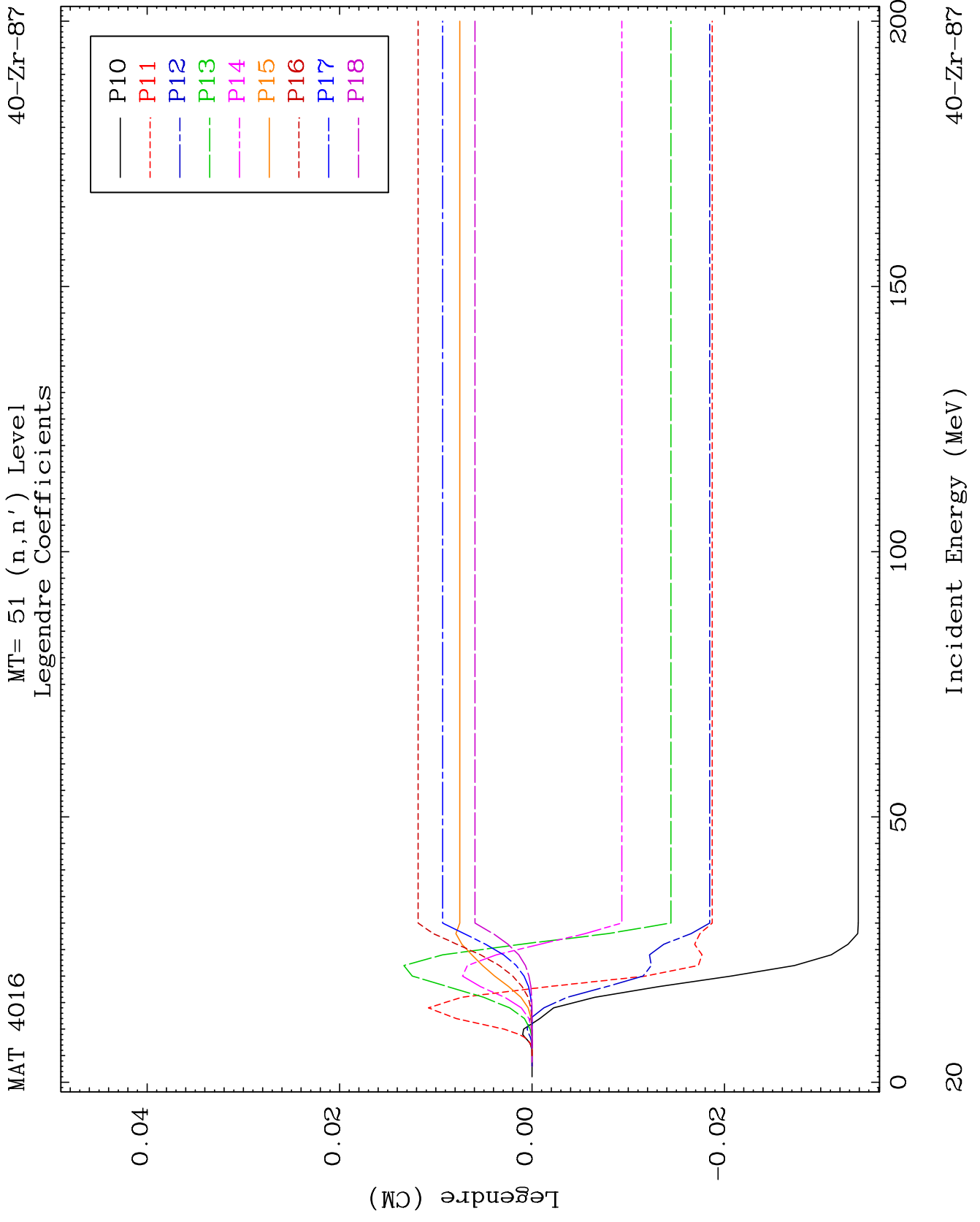
17

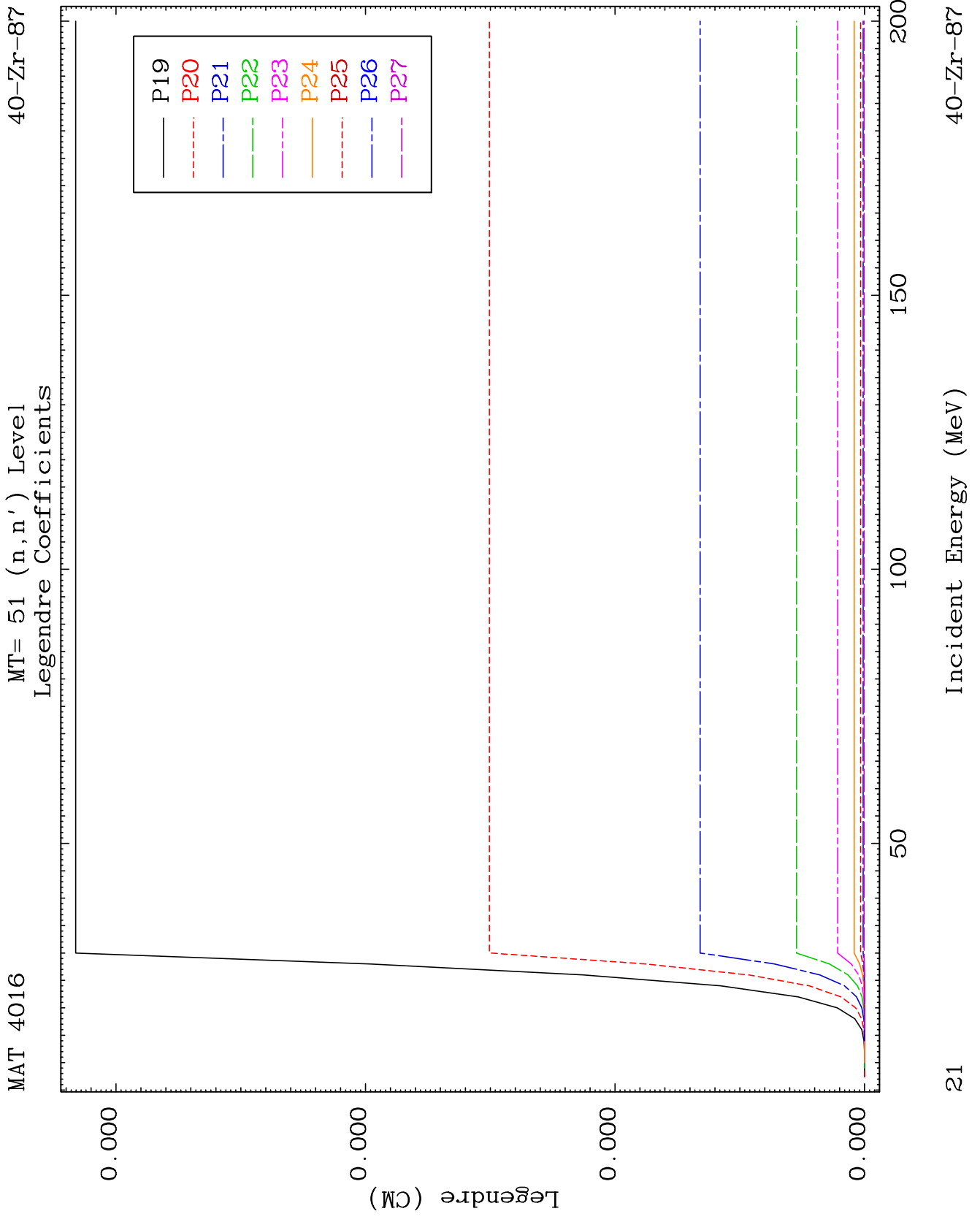
Incident Energy (MeV)

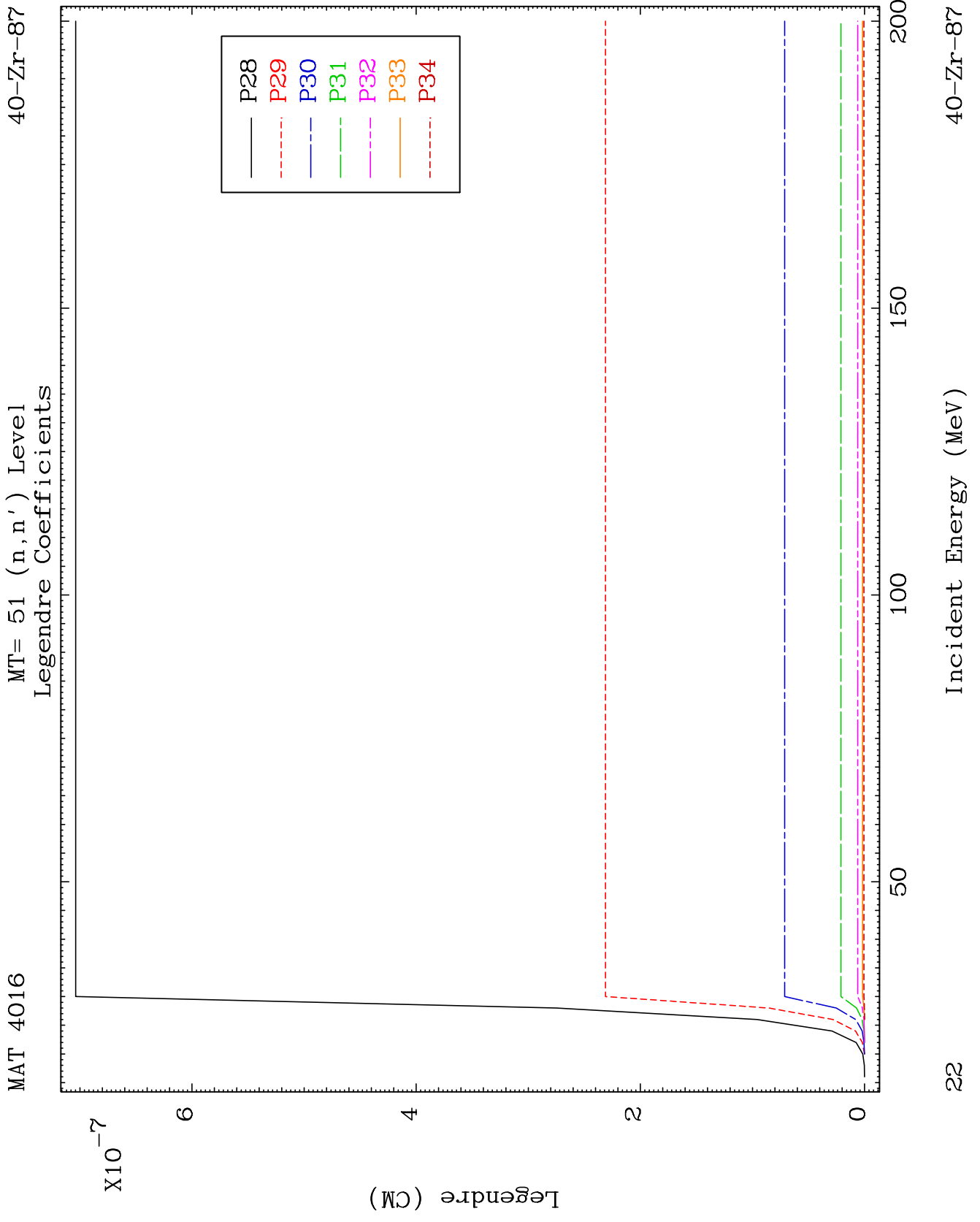
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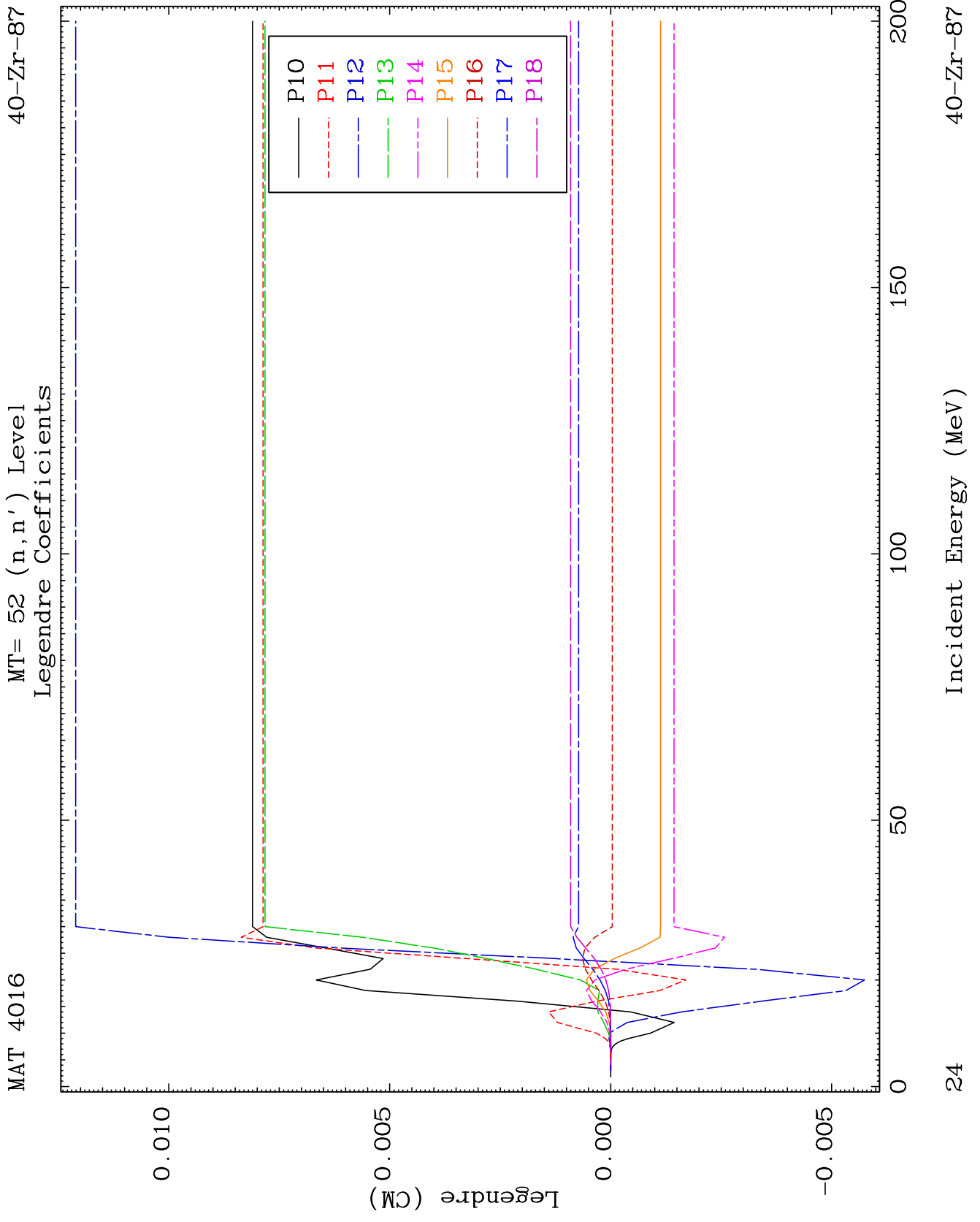


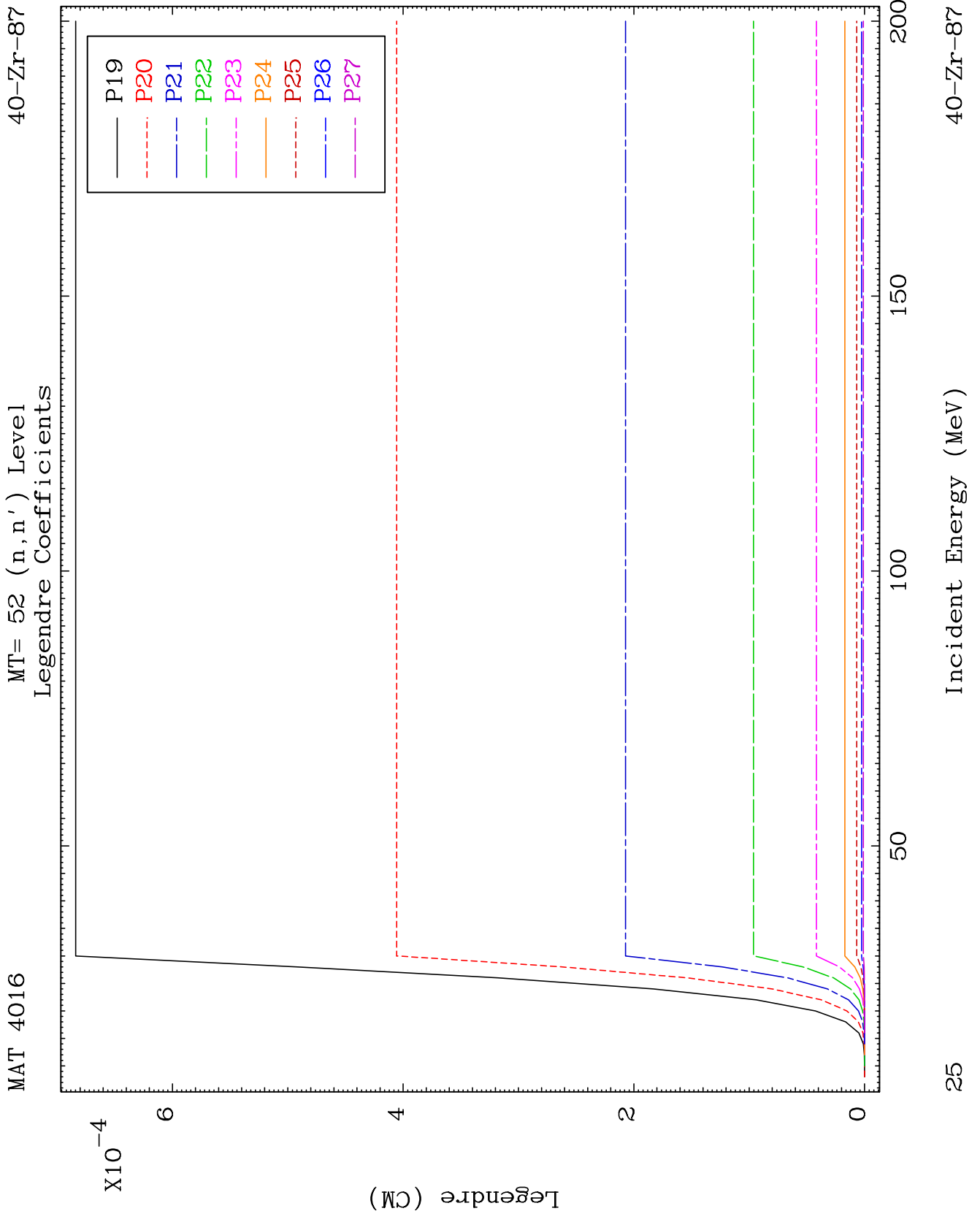


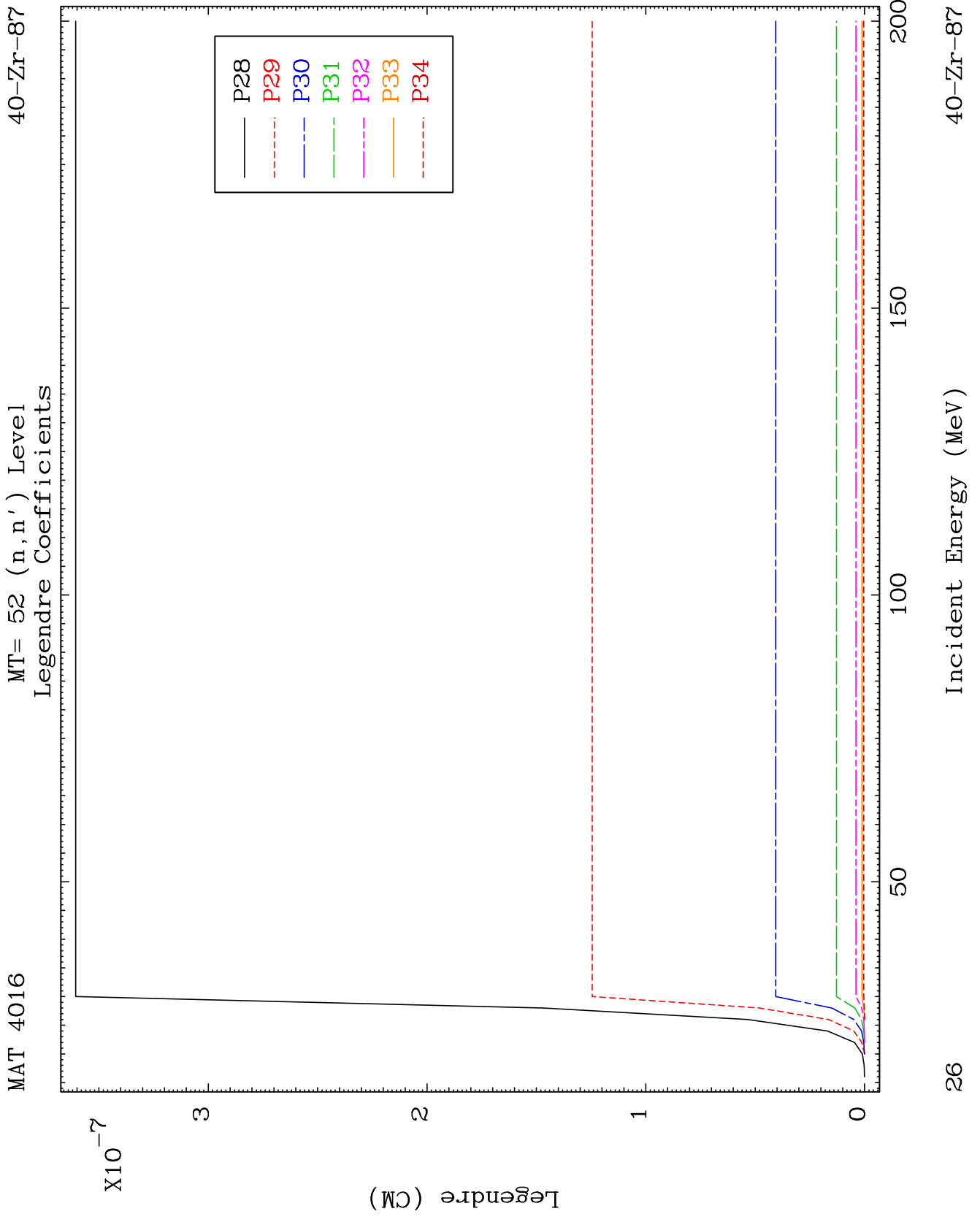








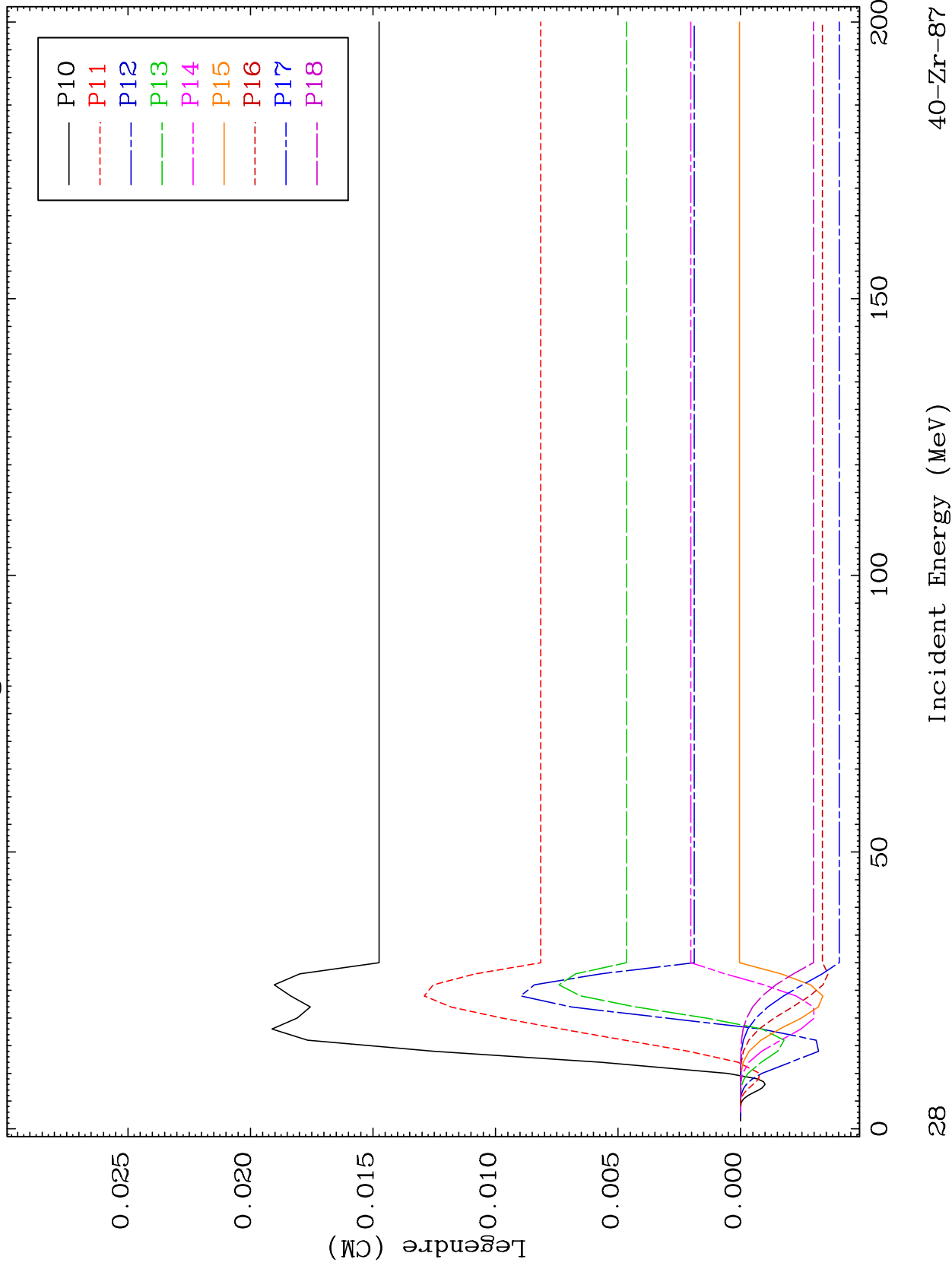




MAT 4016

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

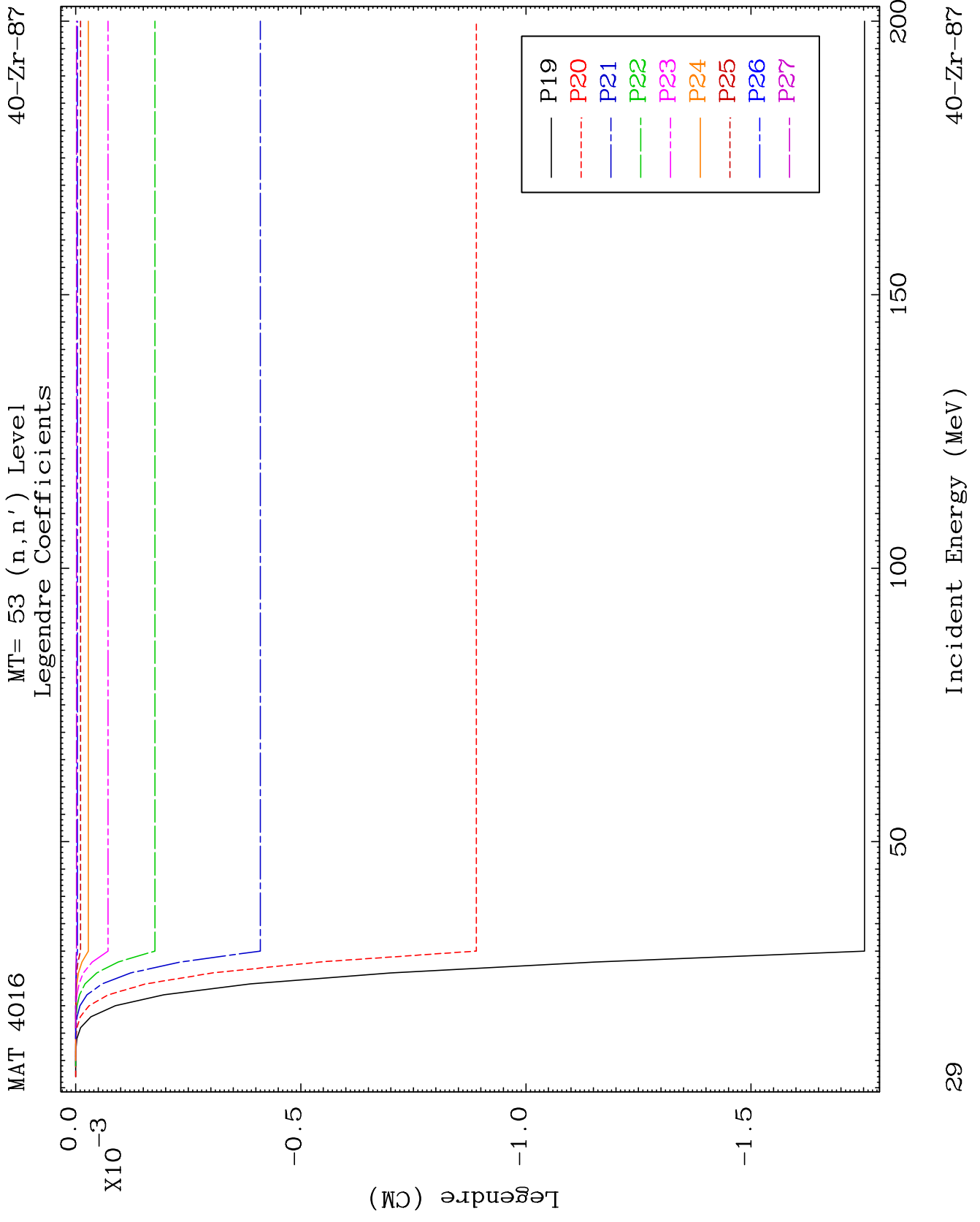
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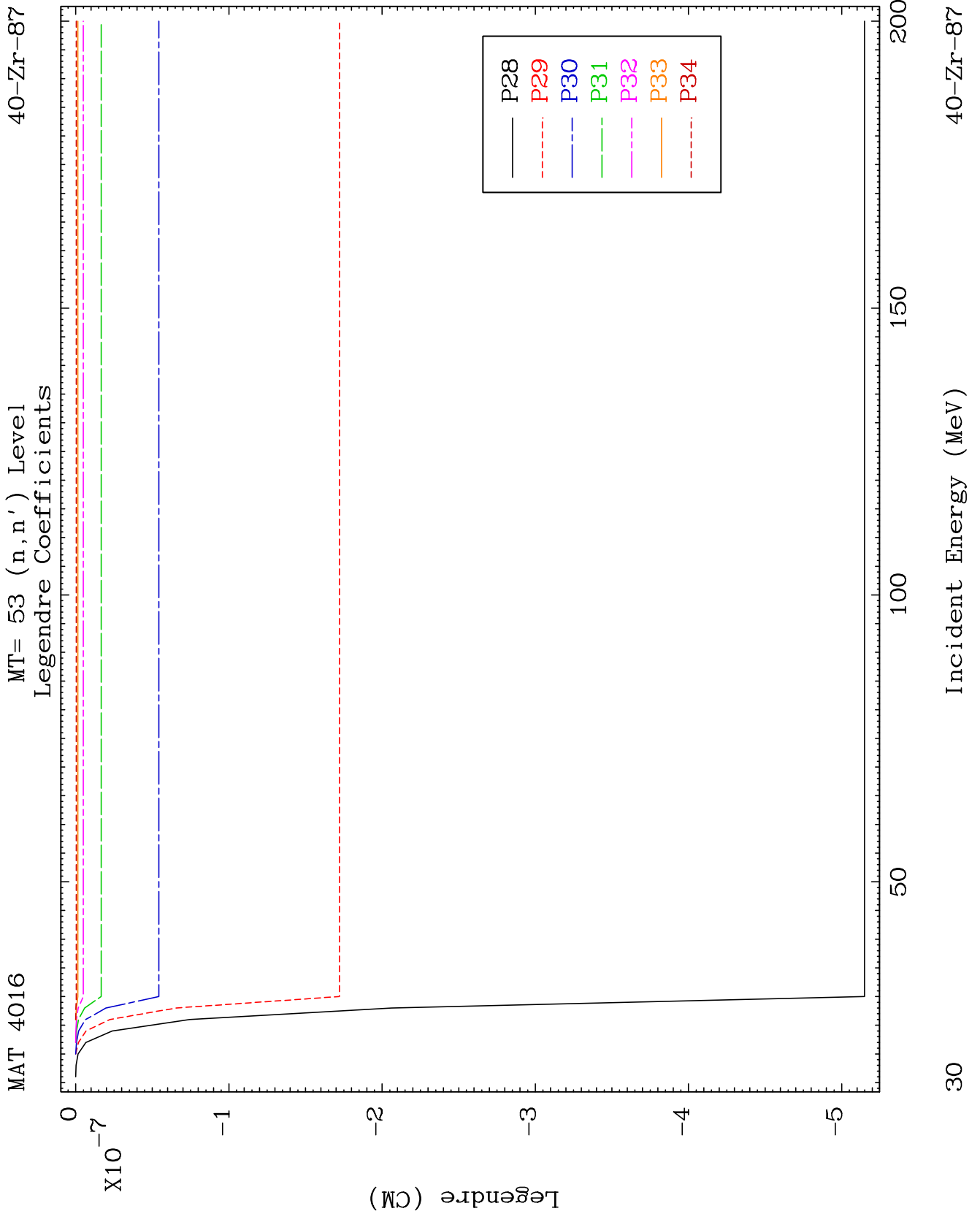


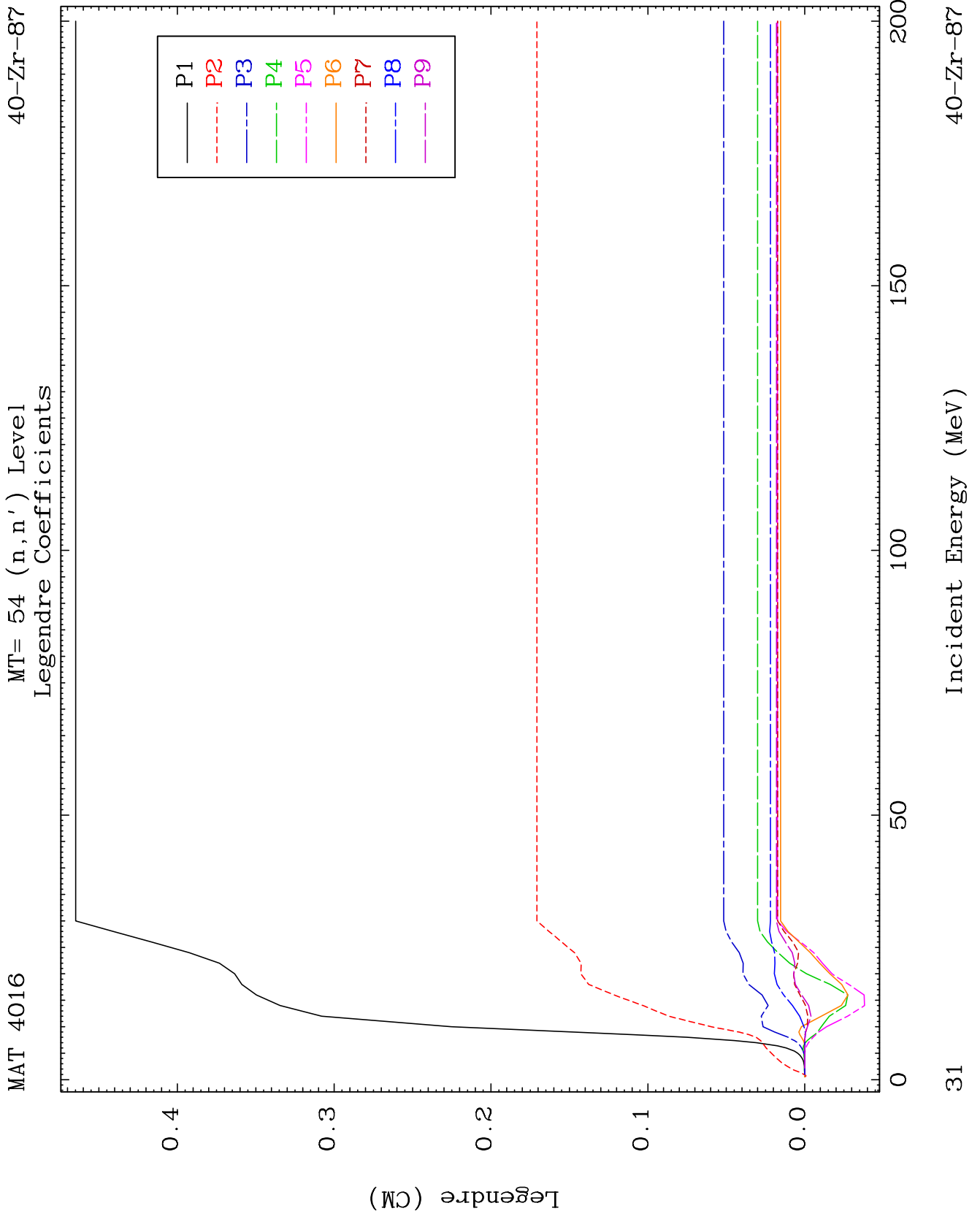
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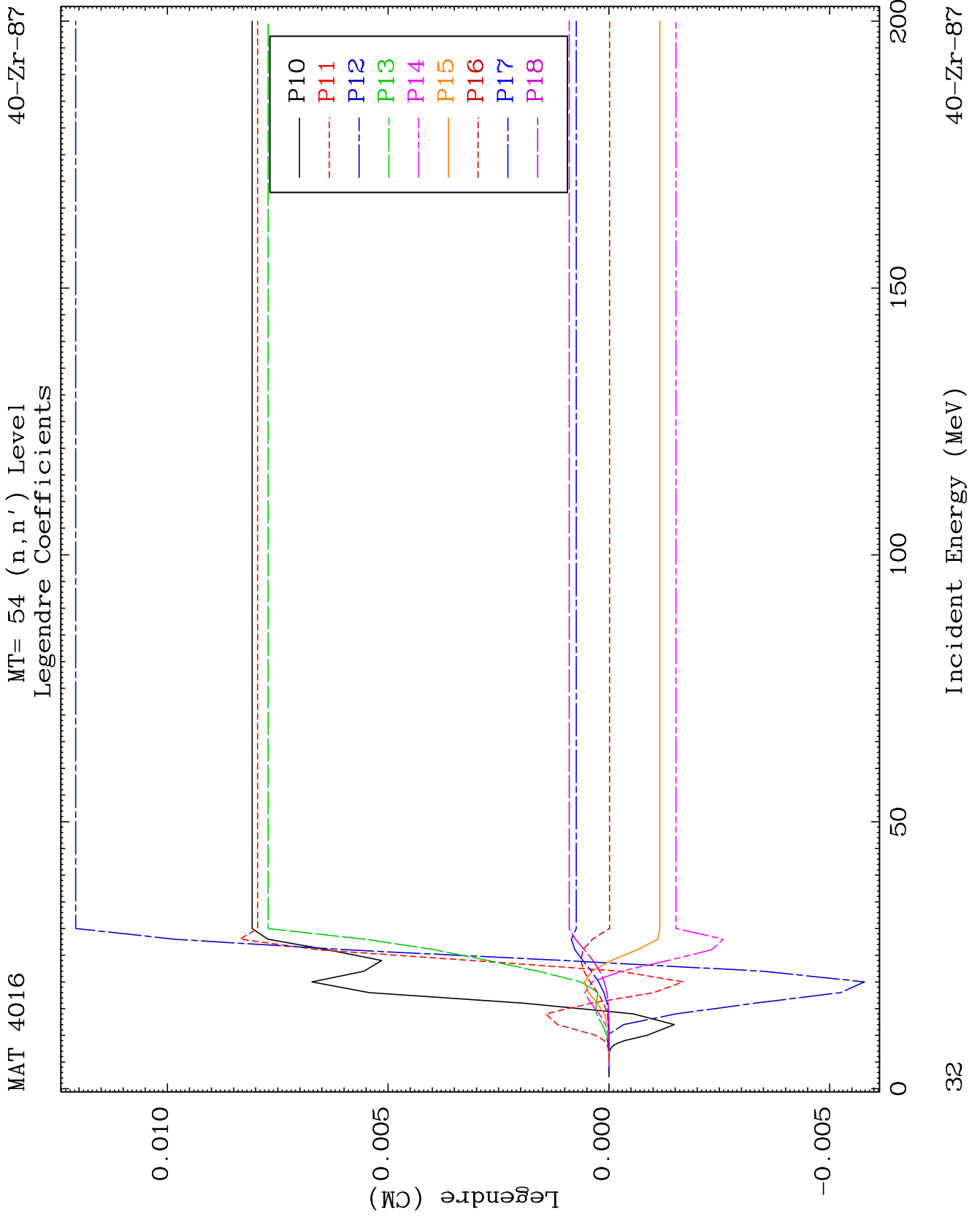
Incident Energy (MeV)

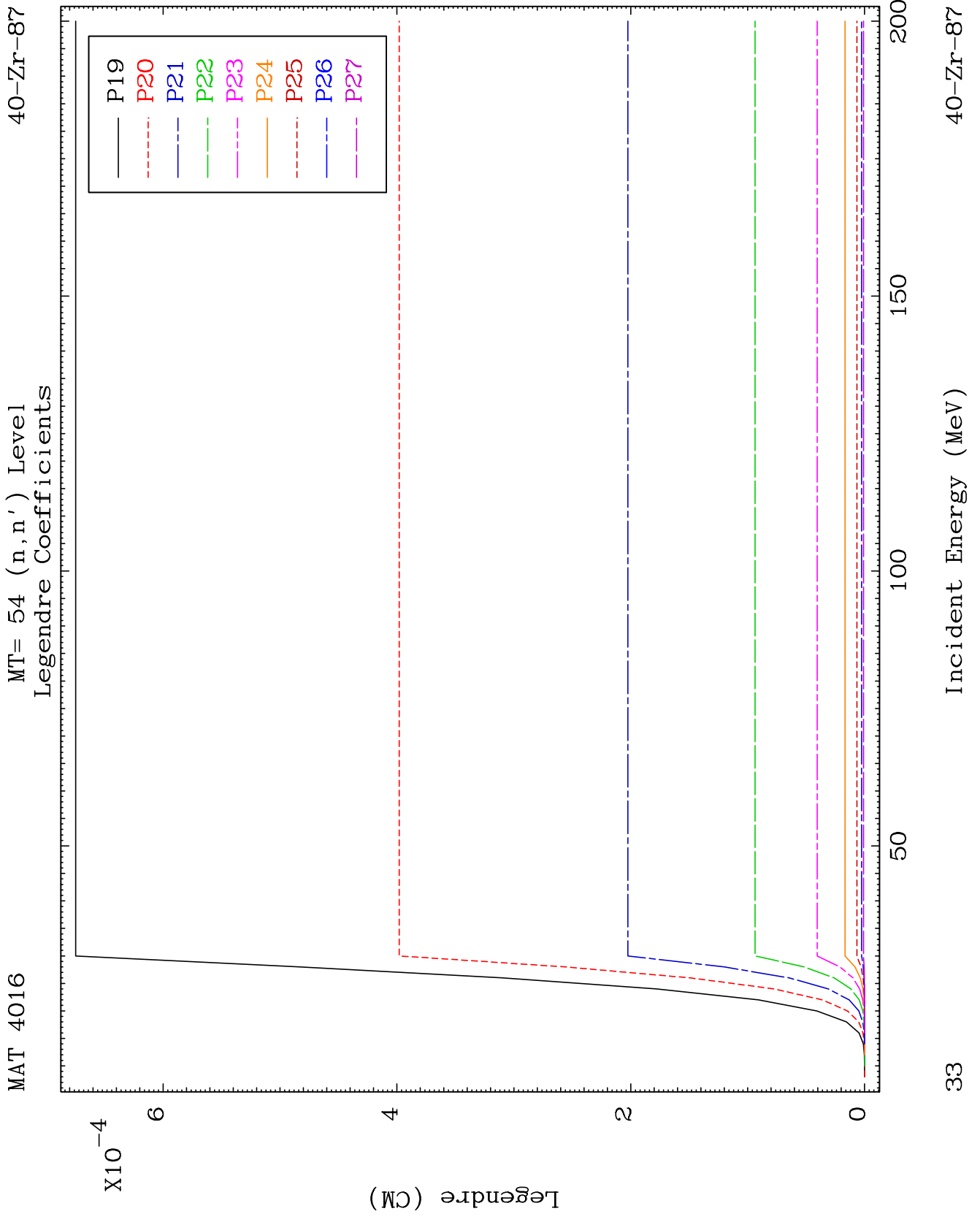
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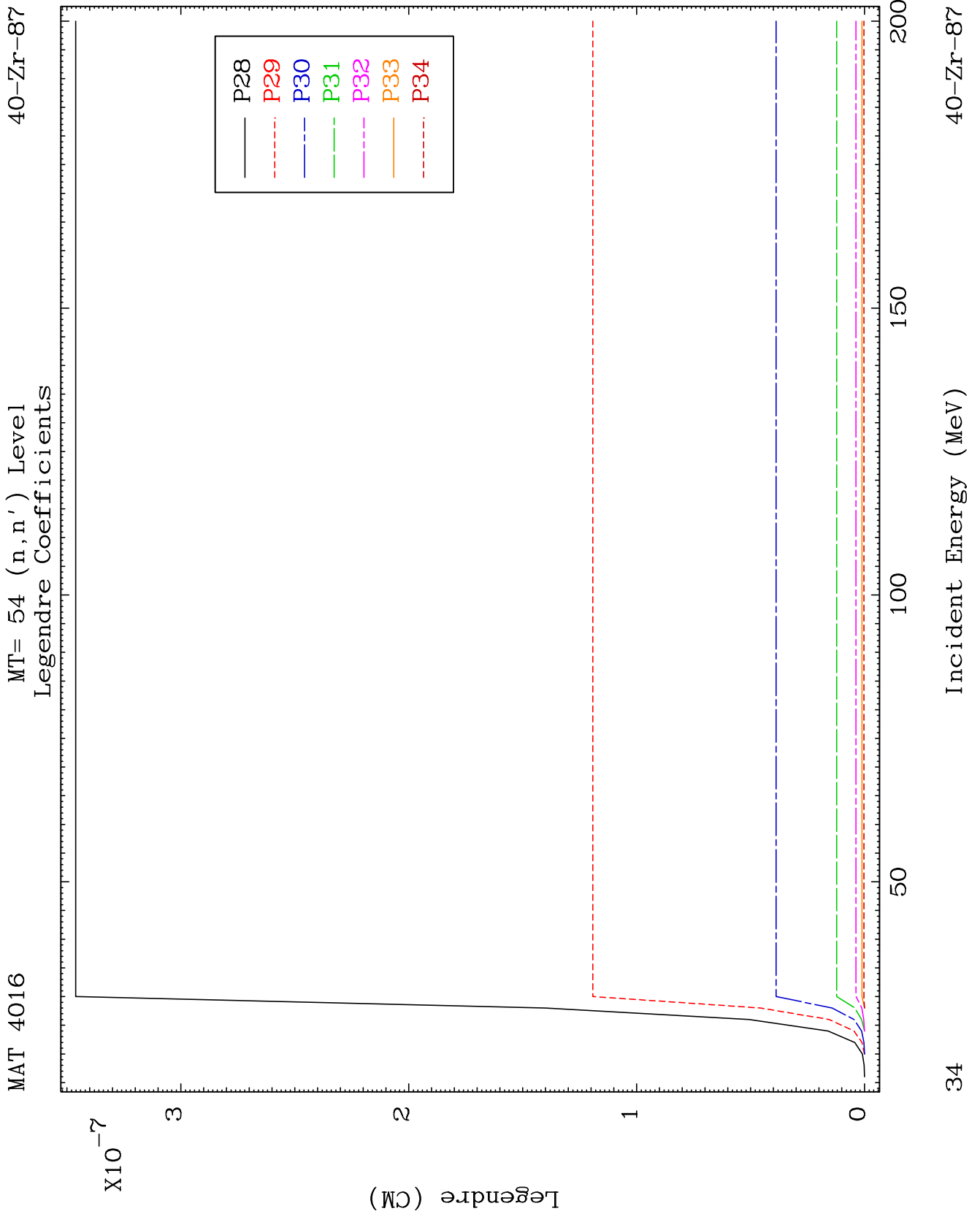


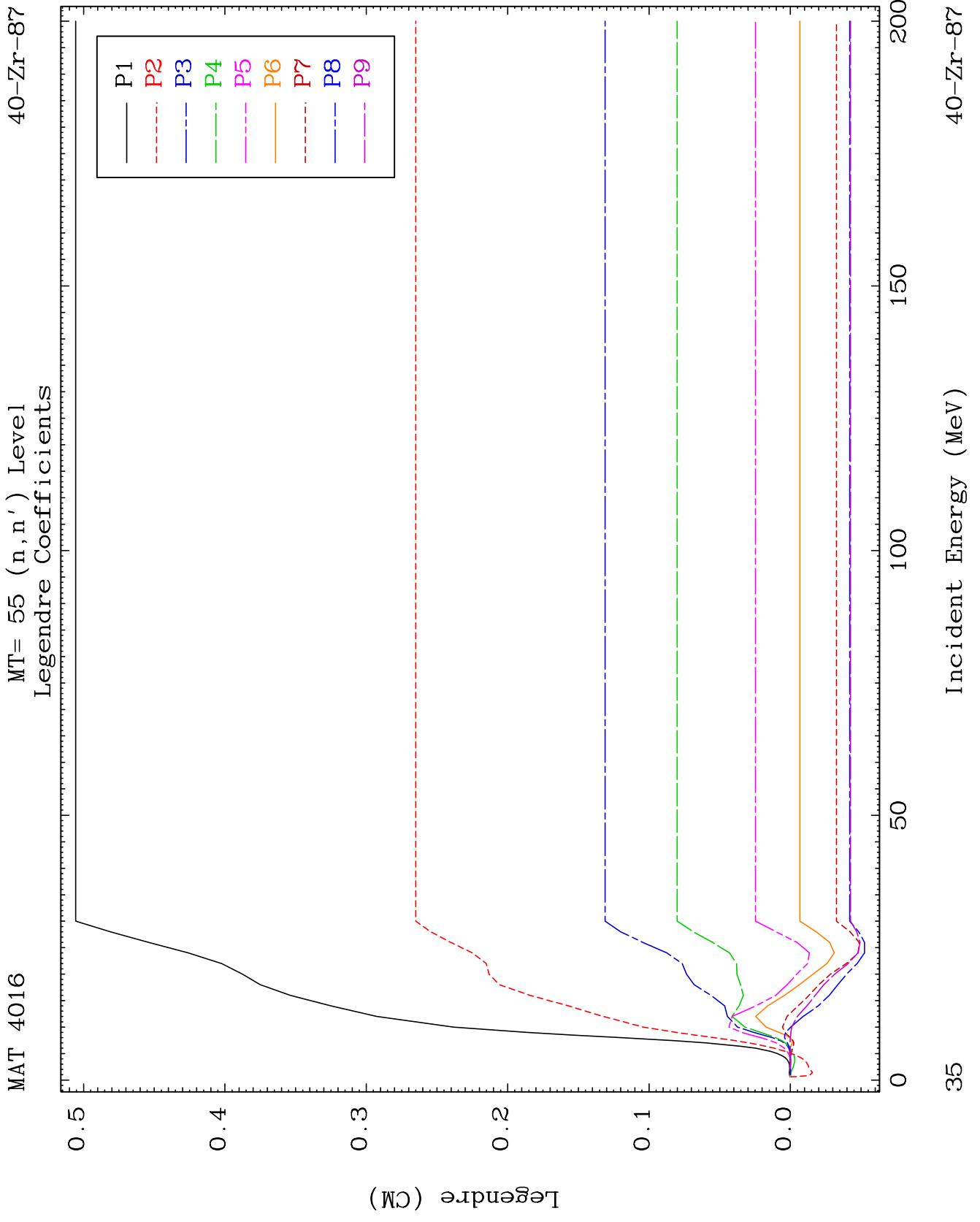


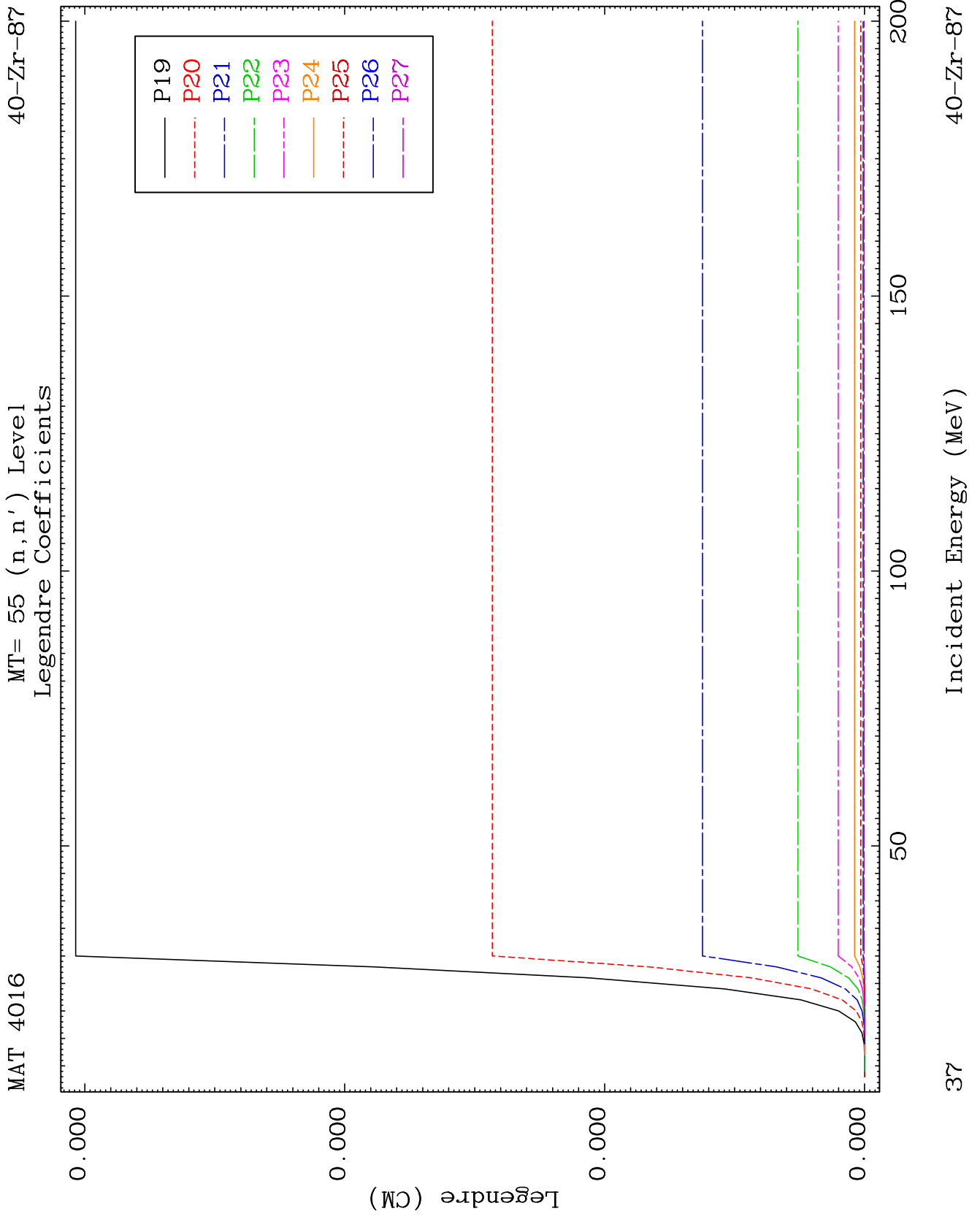


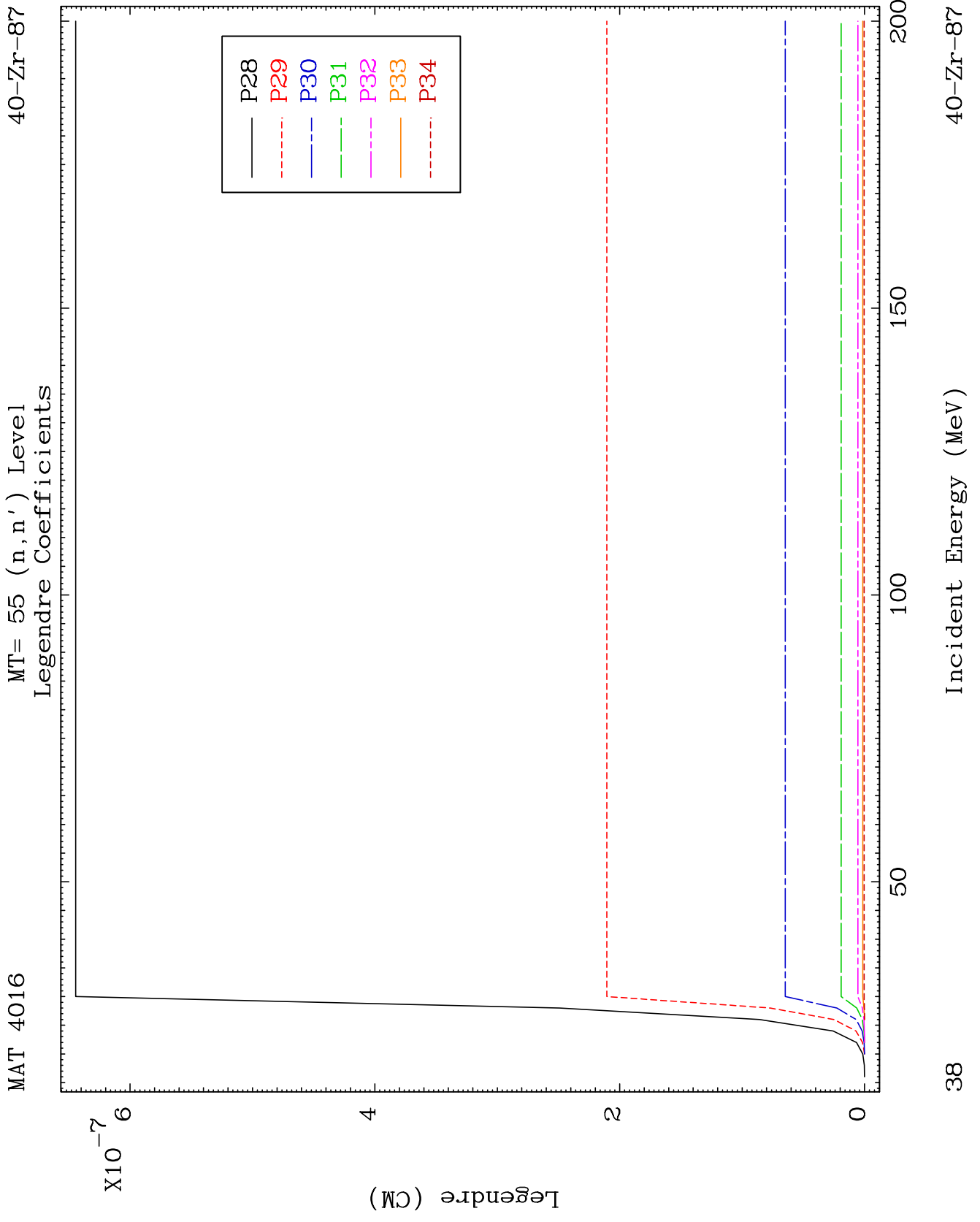


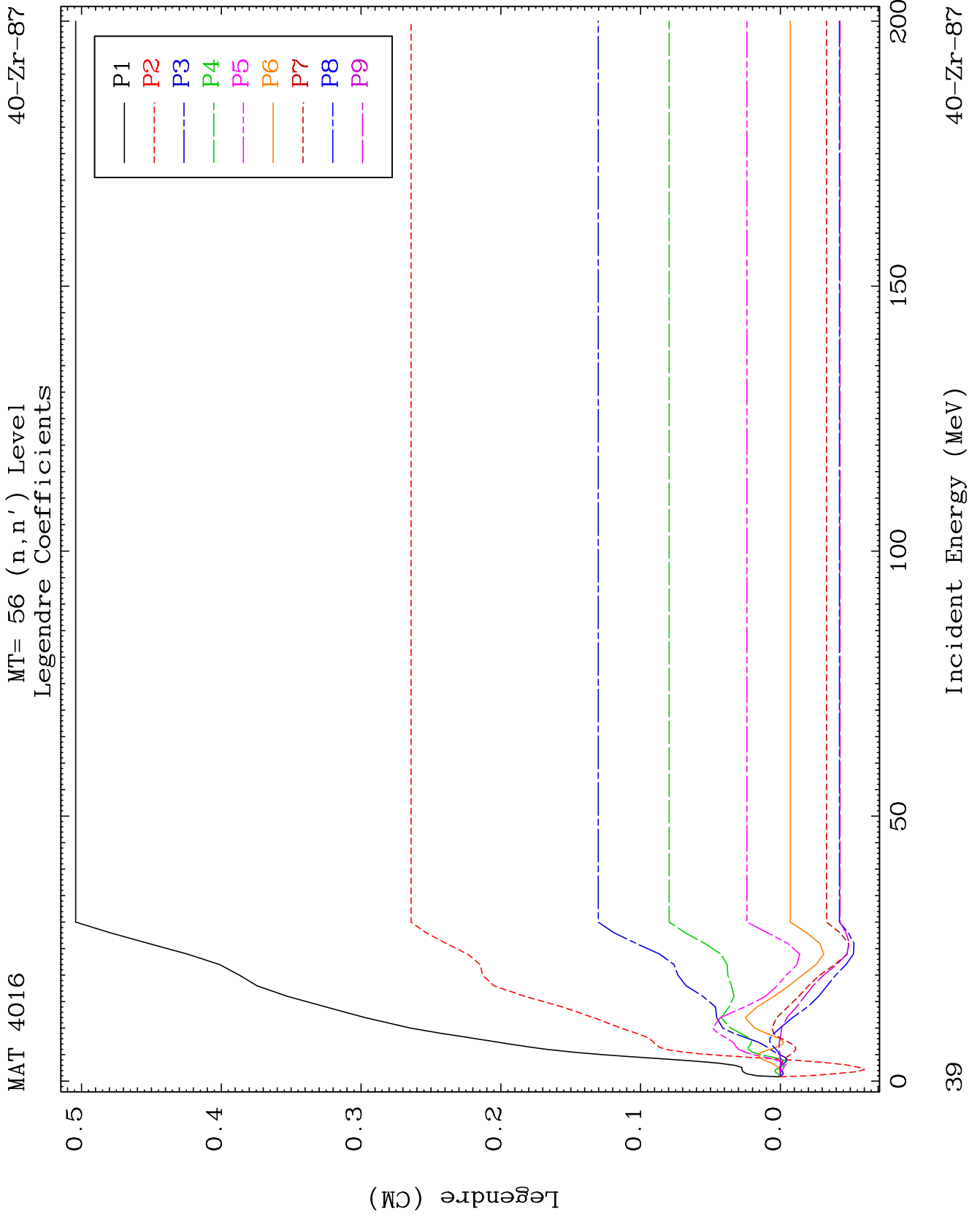


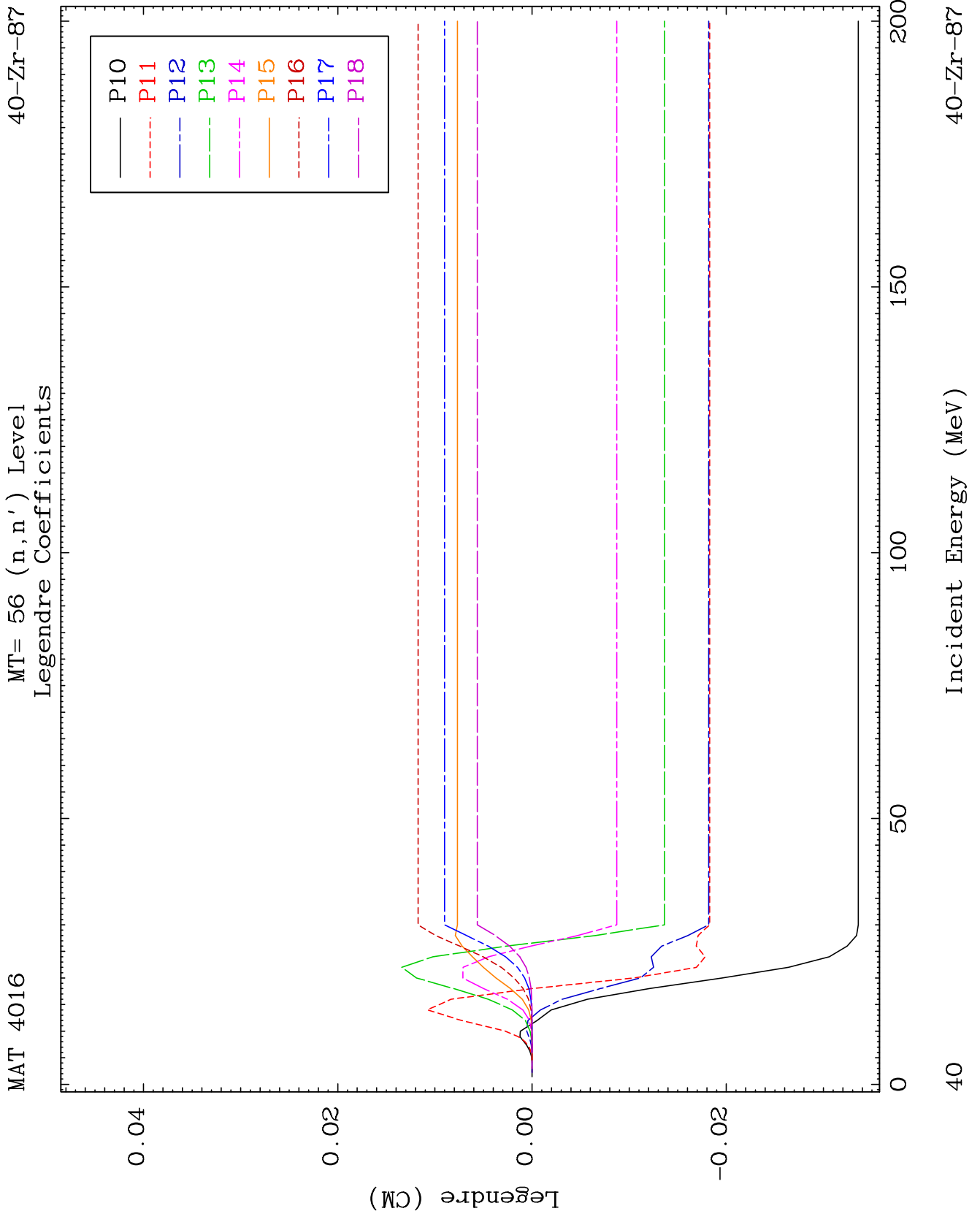


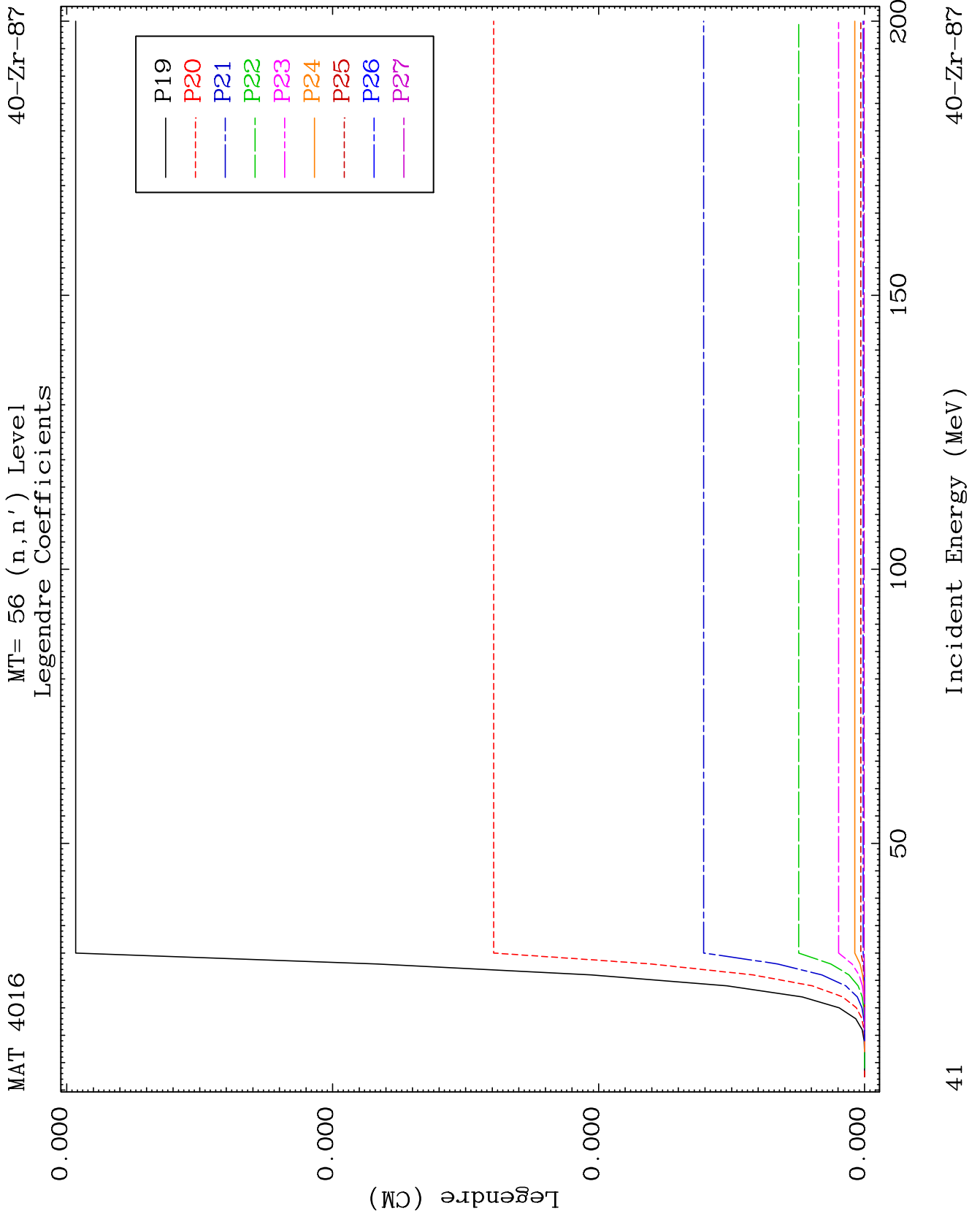


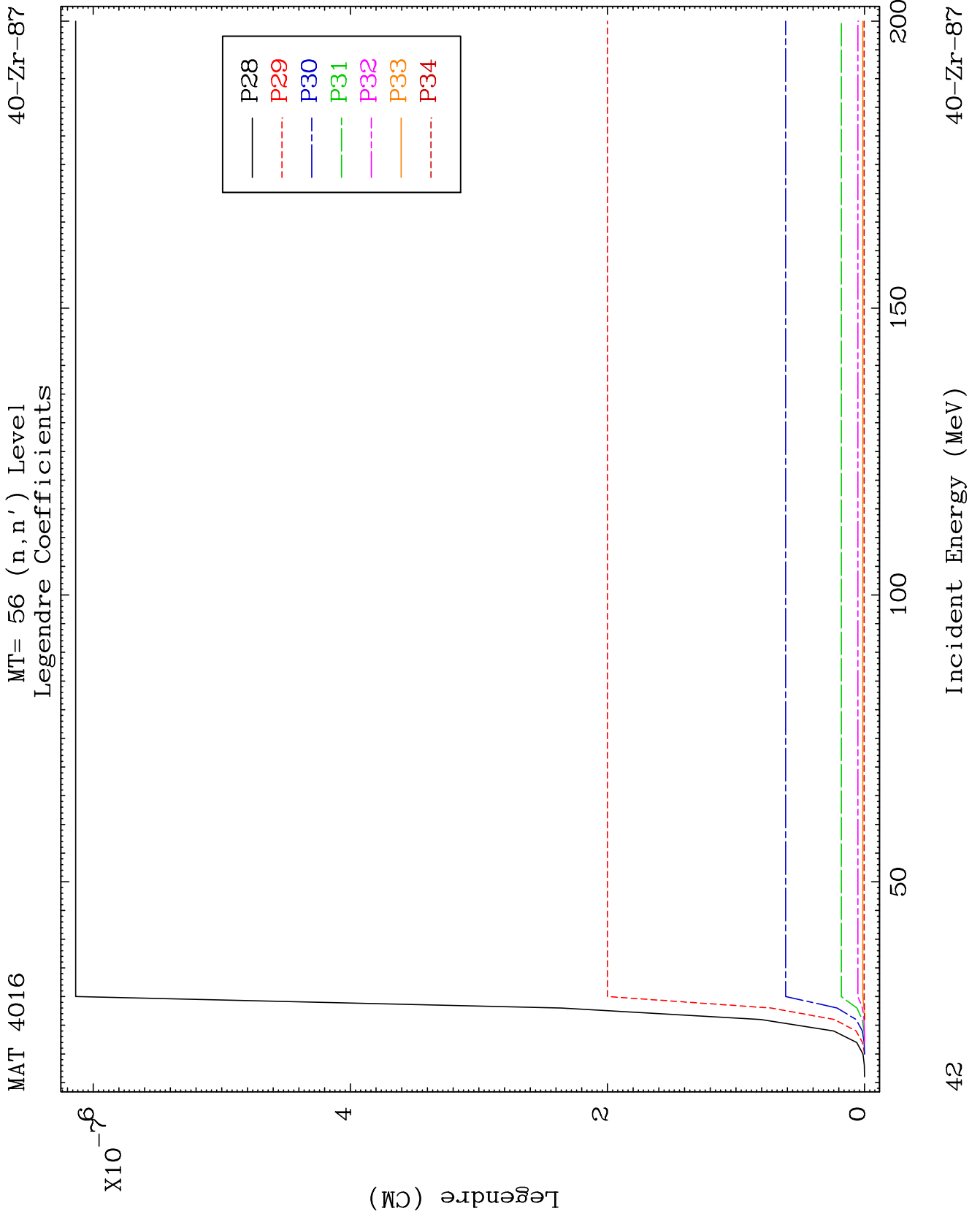


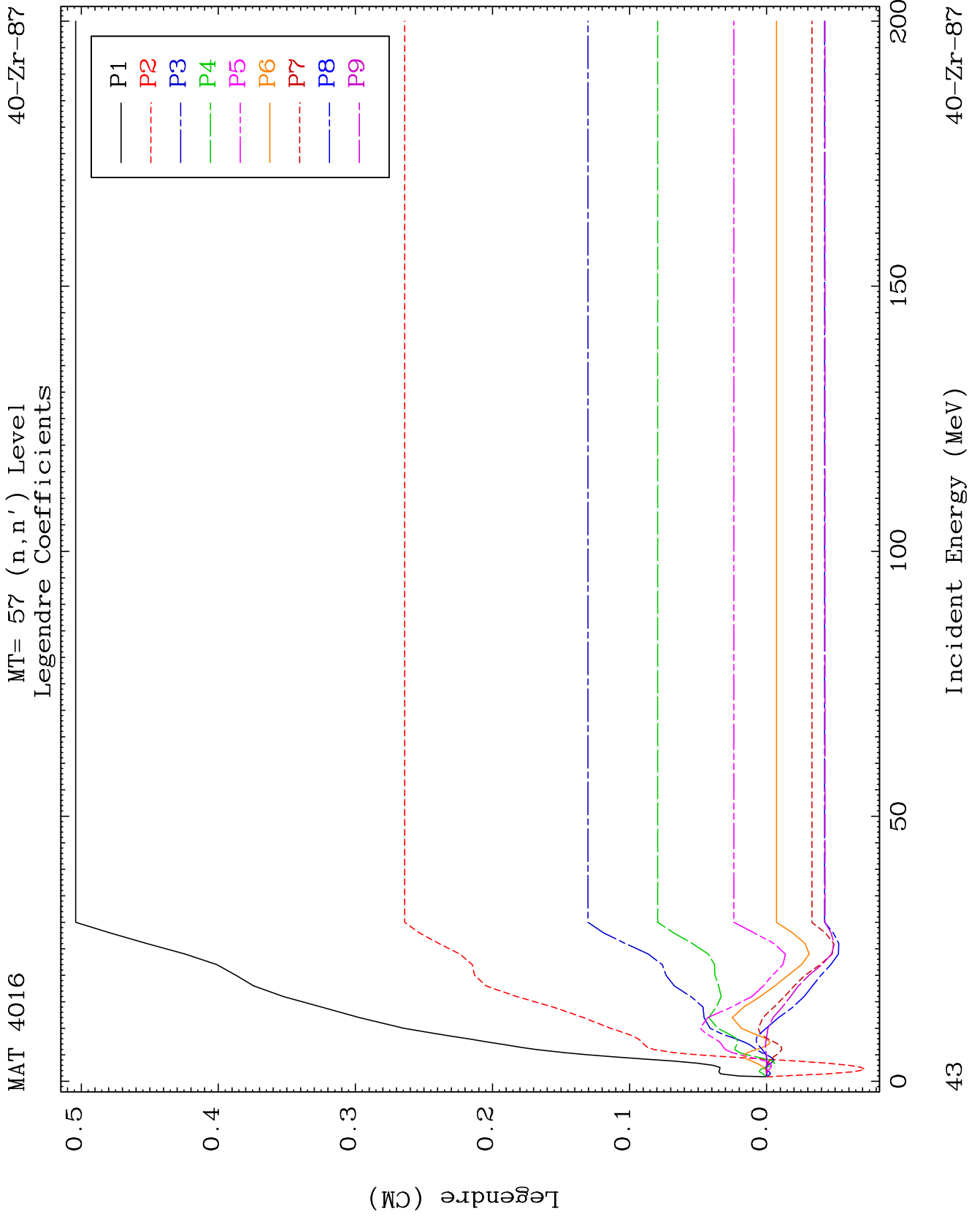


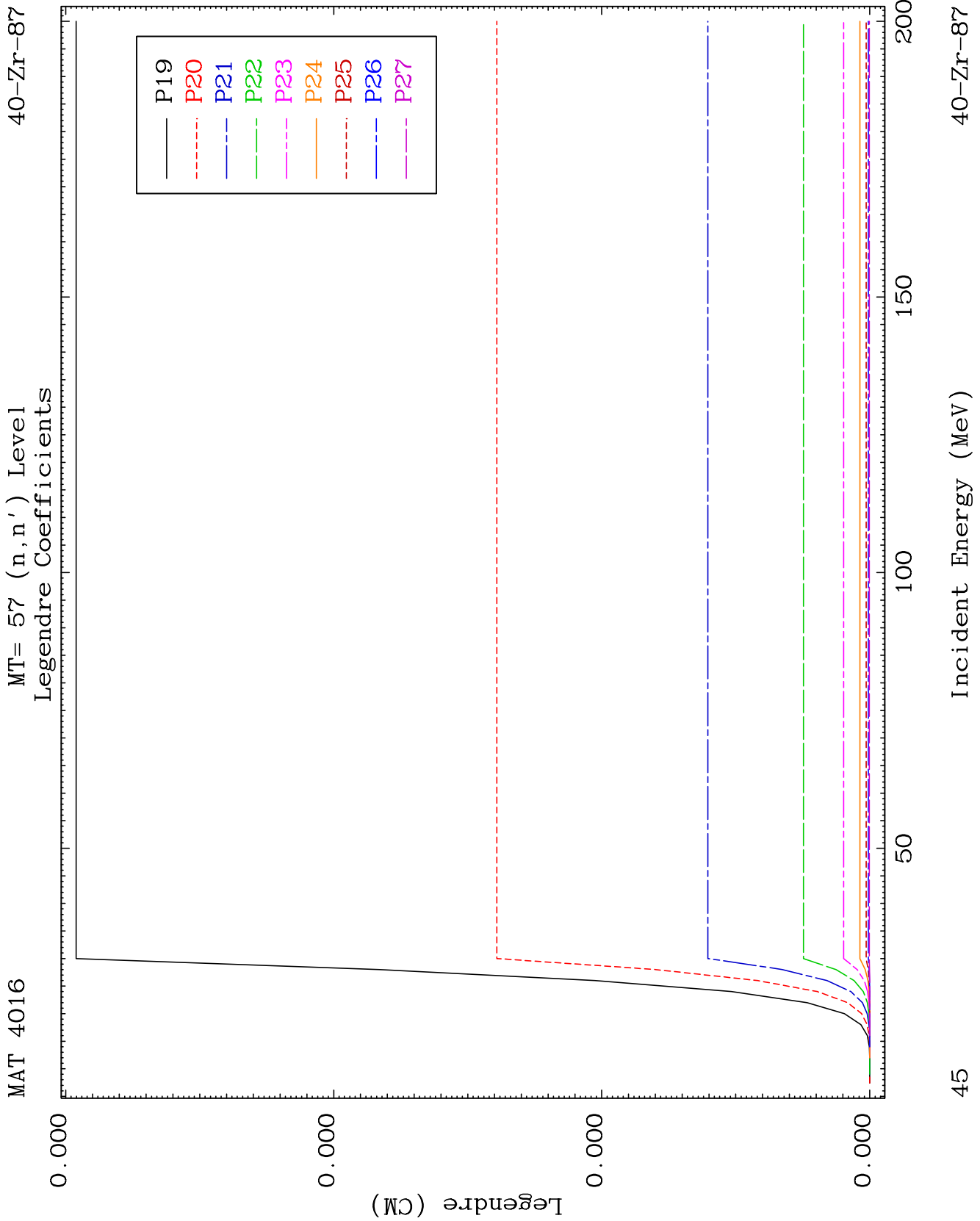


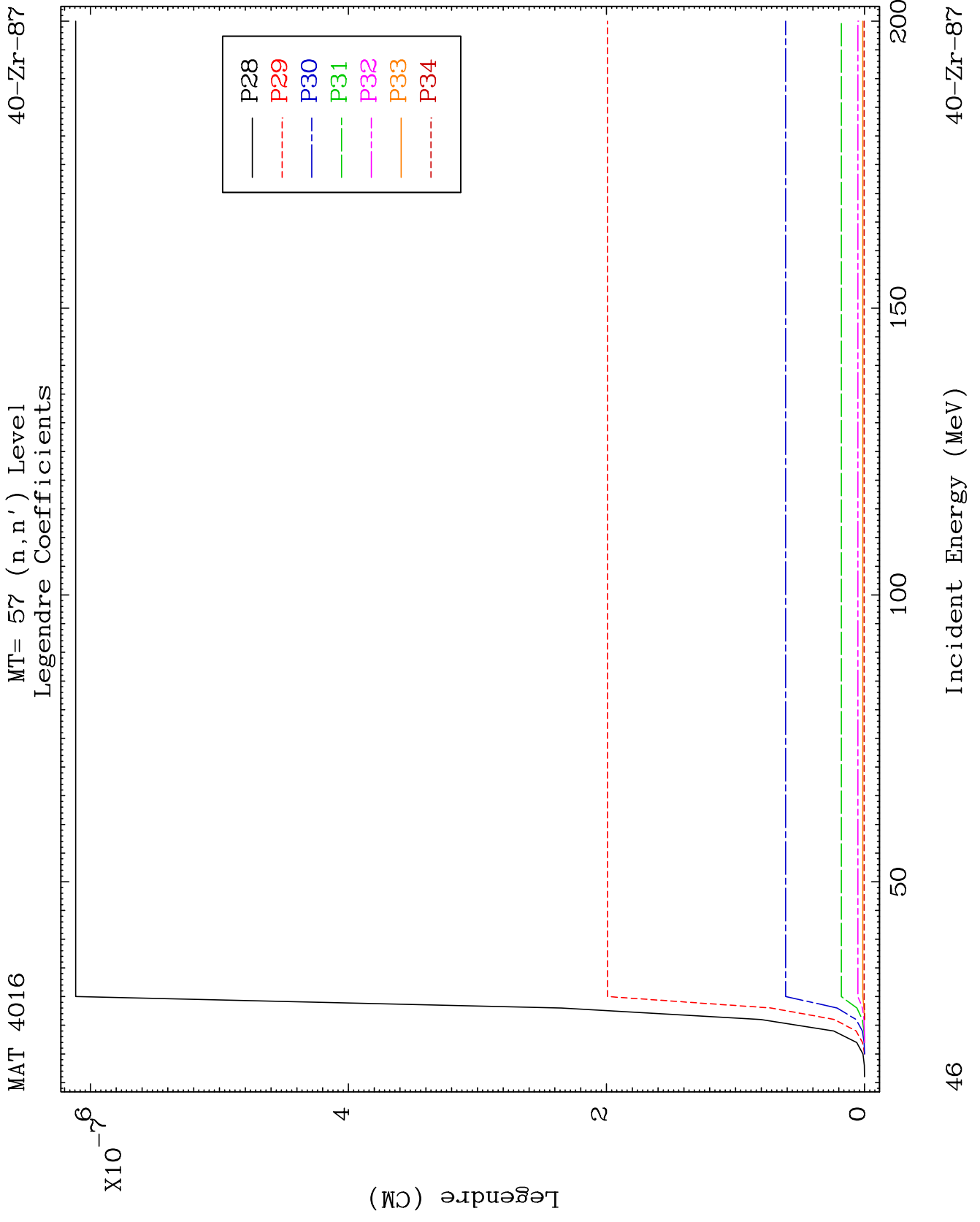


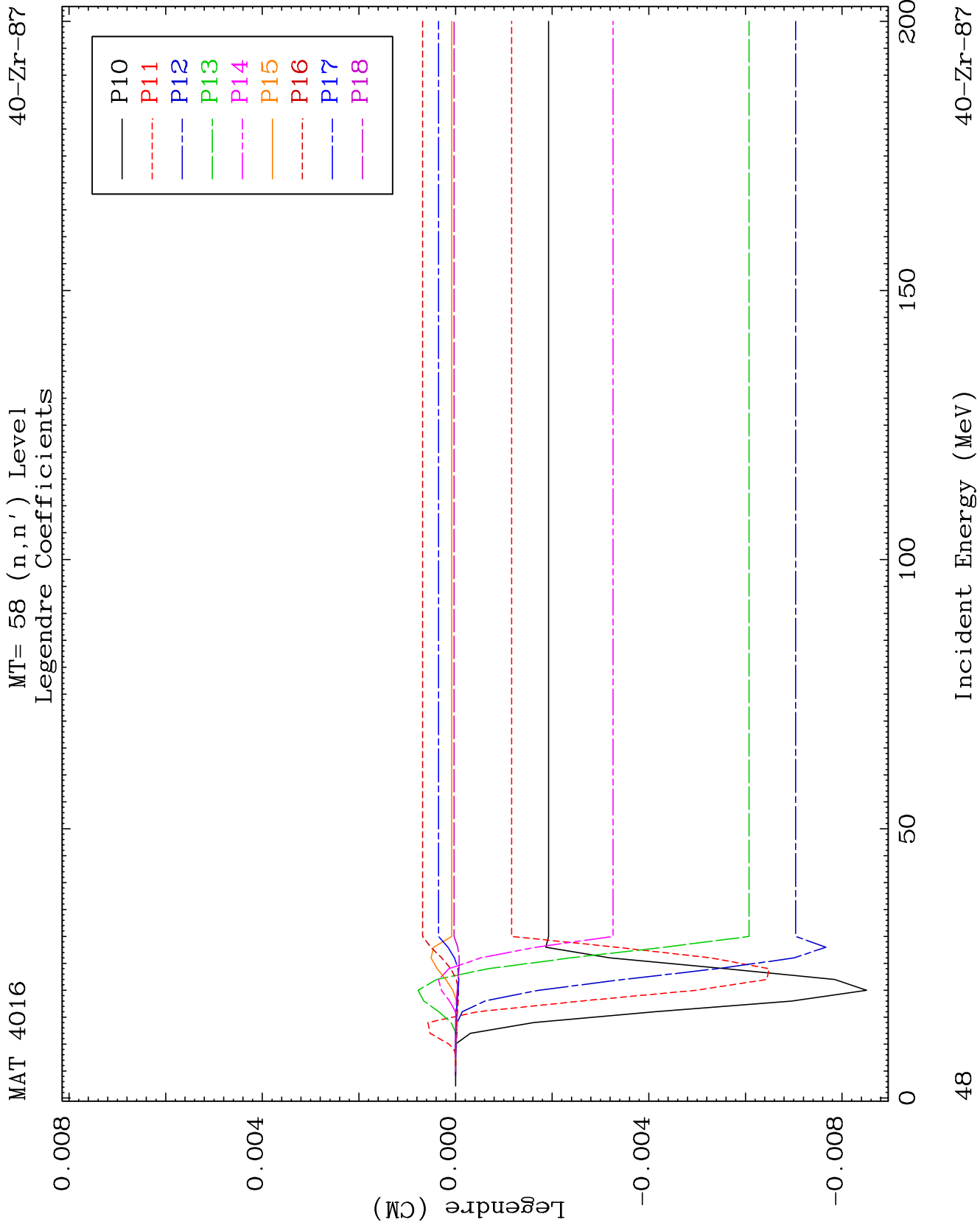


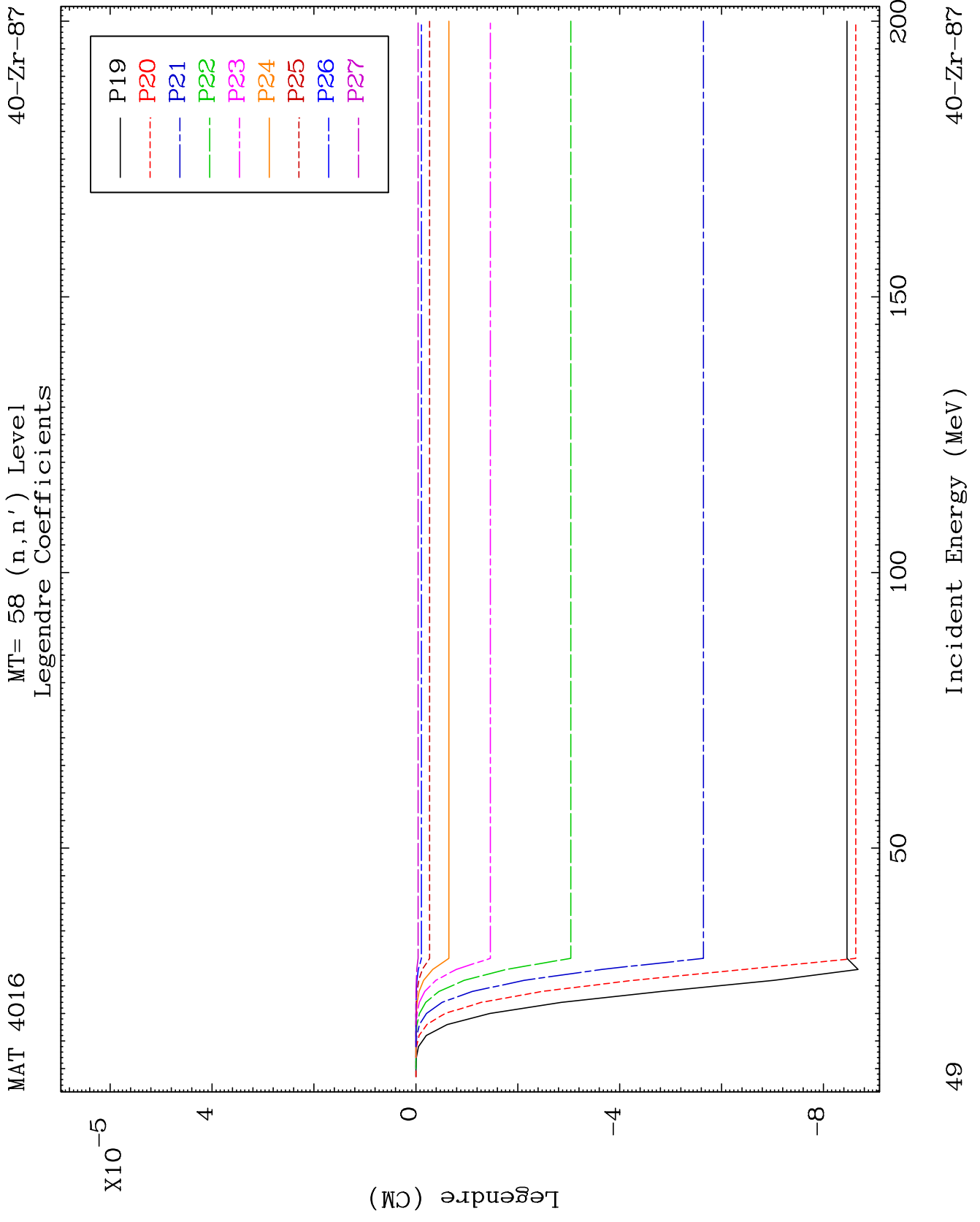


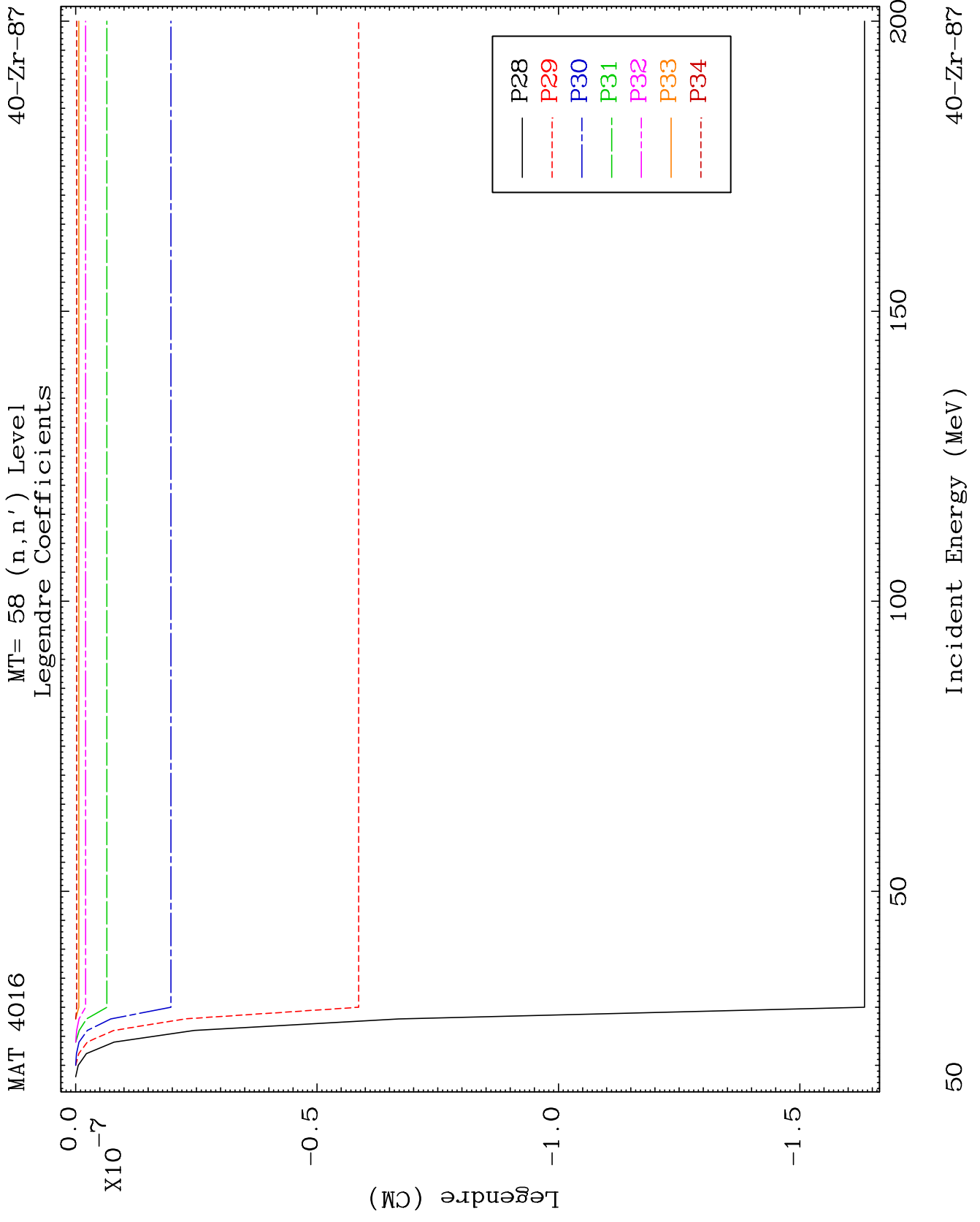


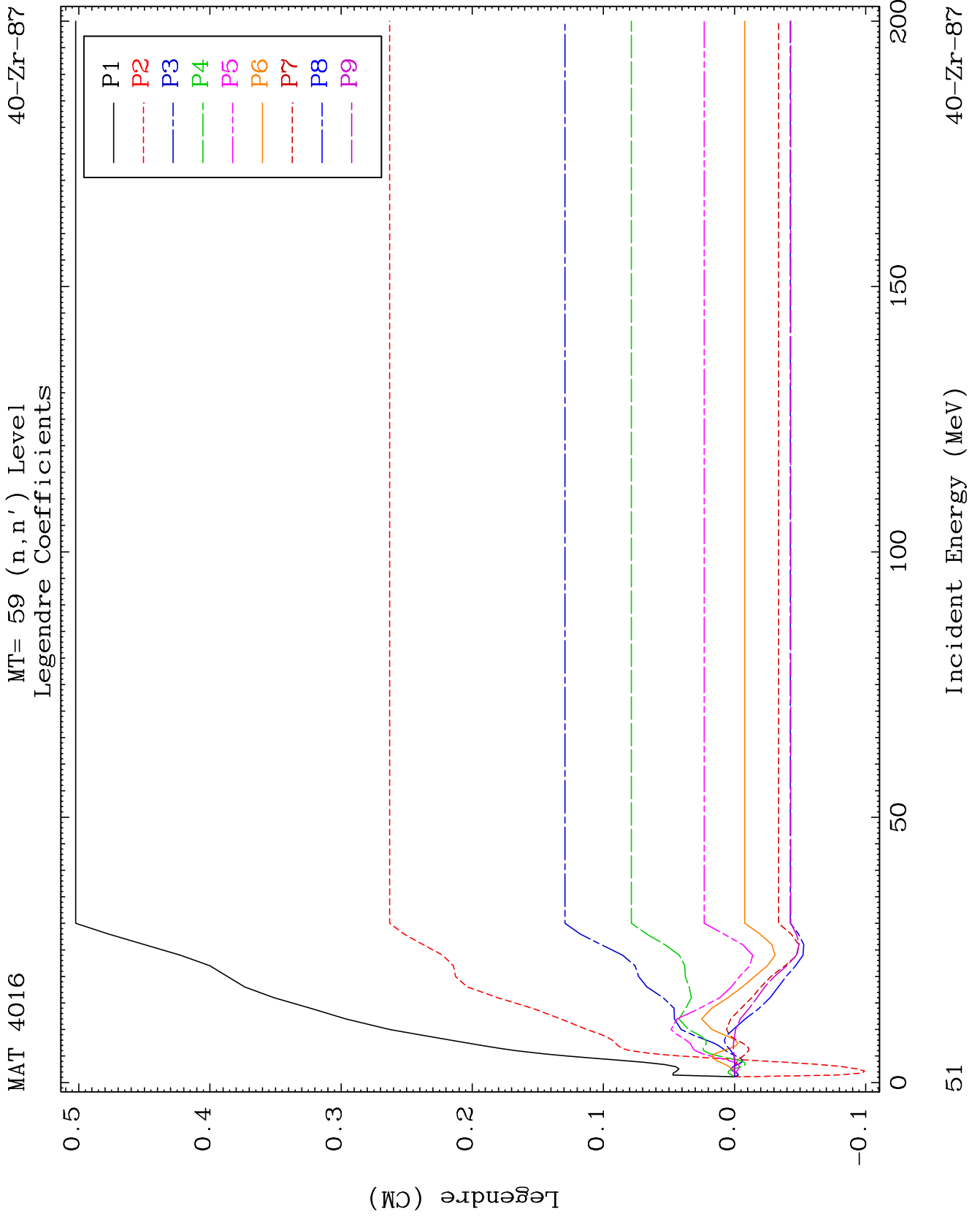








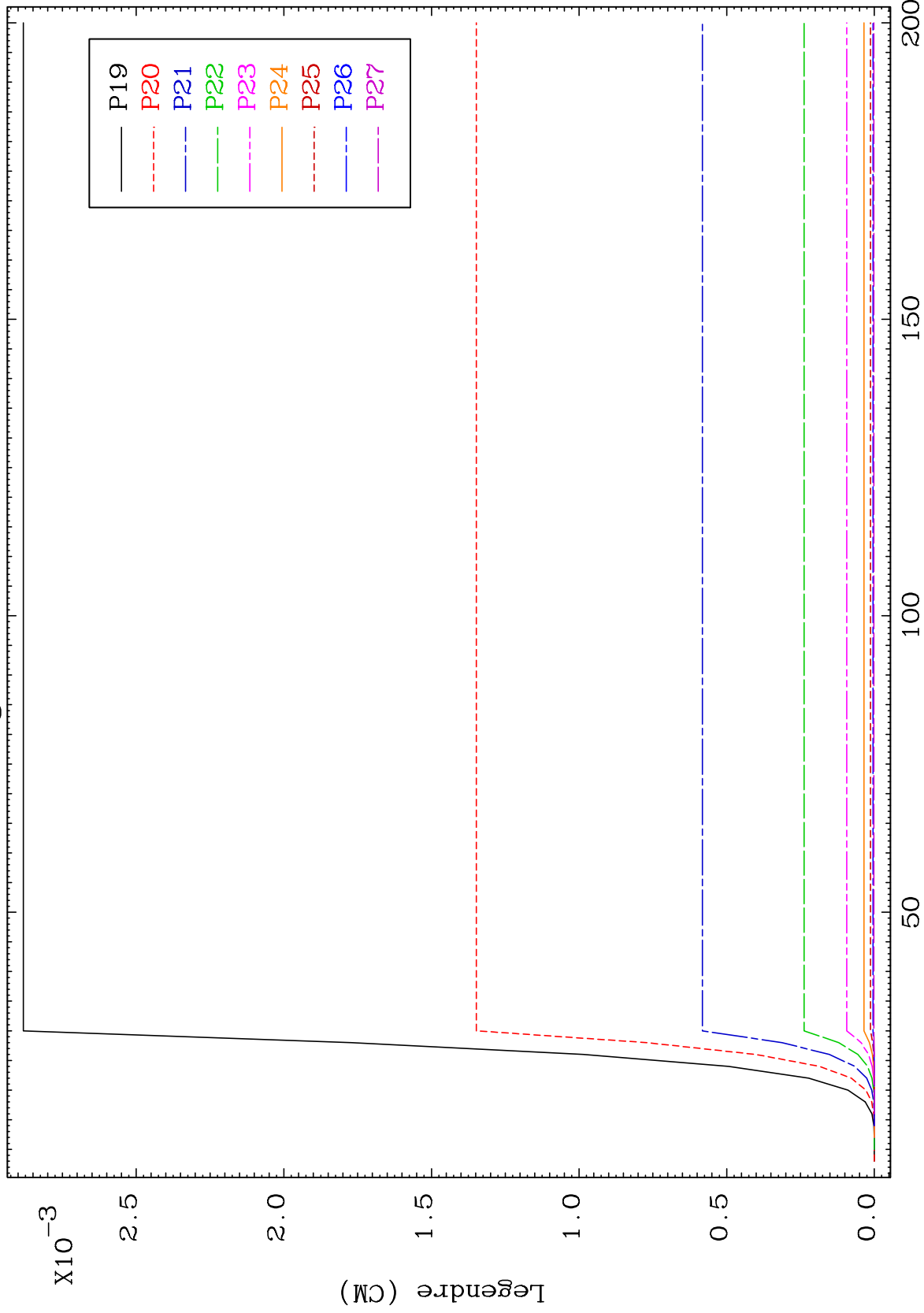




MAT 4016

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

40-Zr-87



53

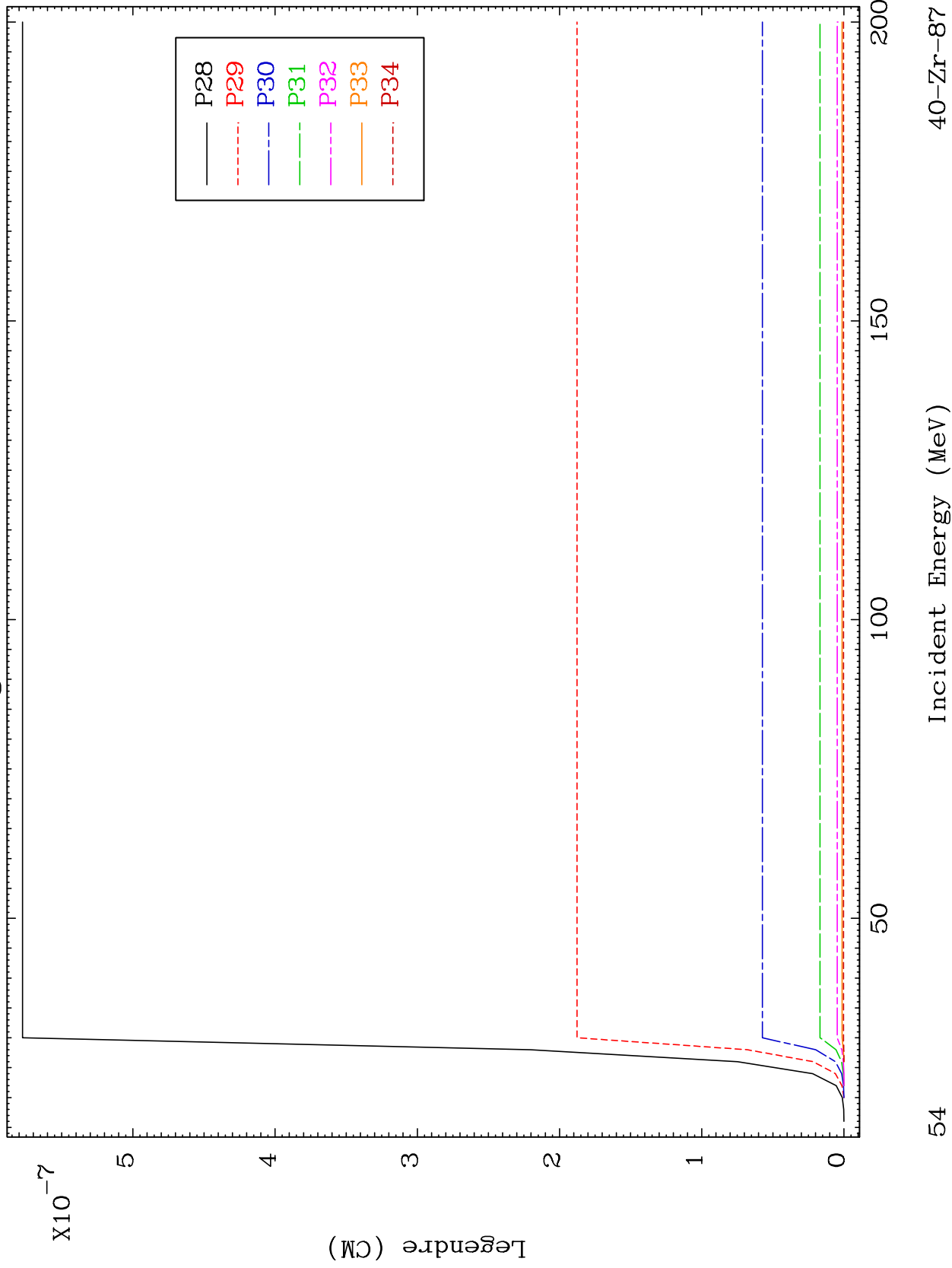
Incident Energy (MeV)

40-Zr-87

MAT 4016

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

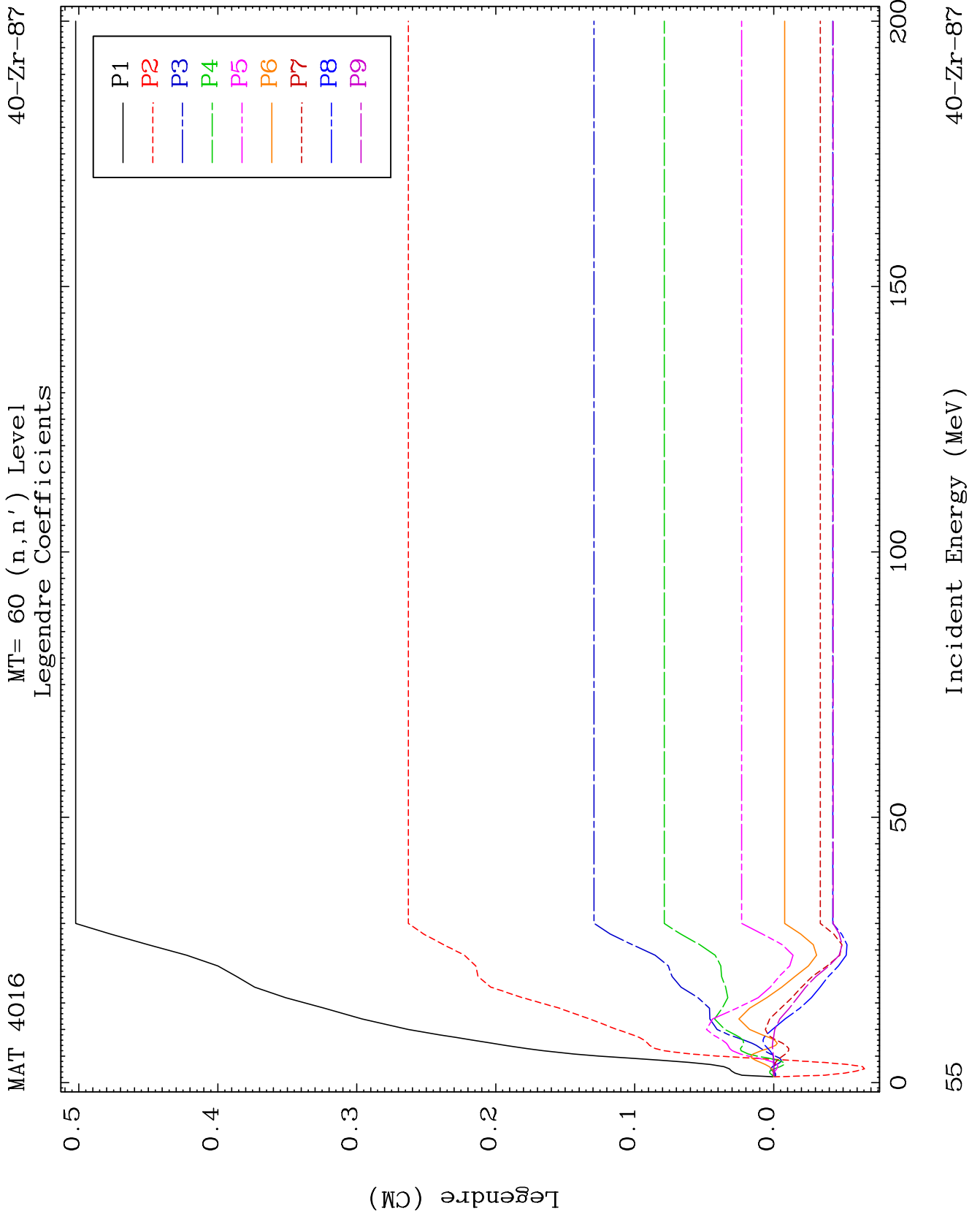
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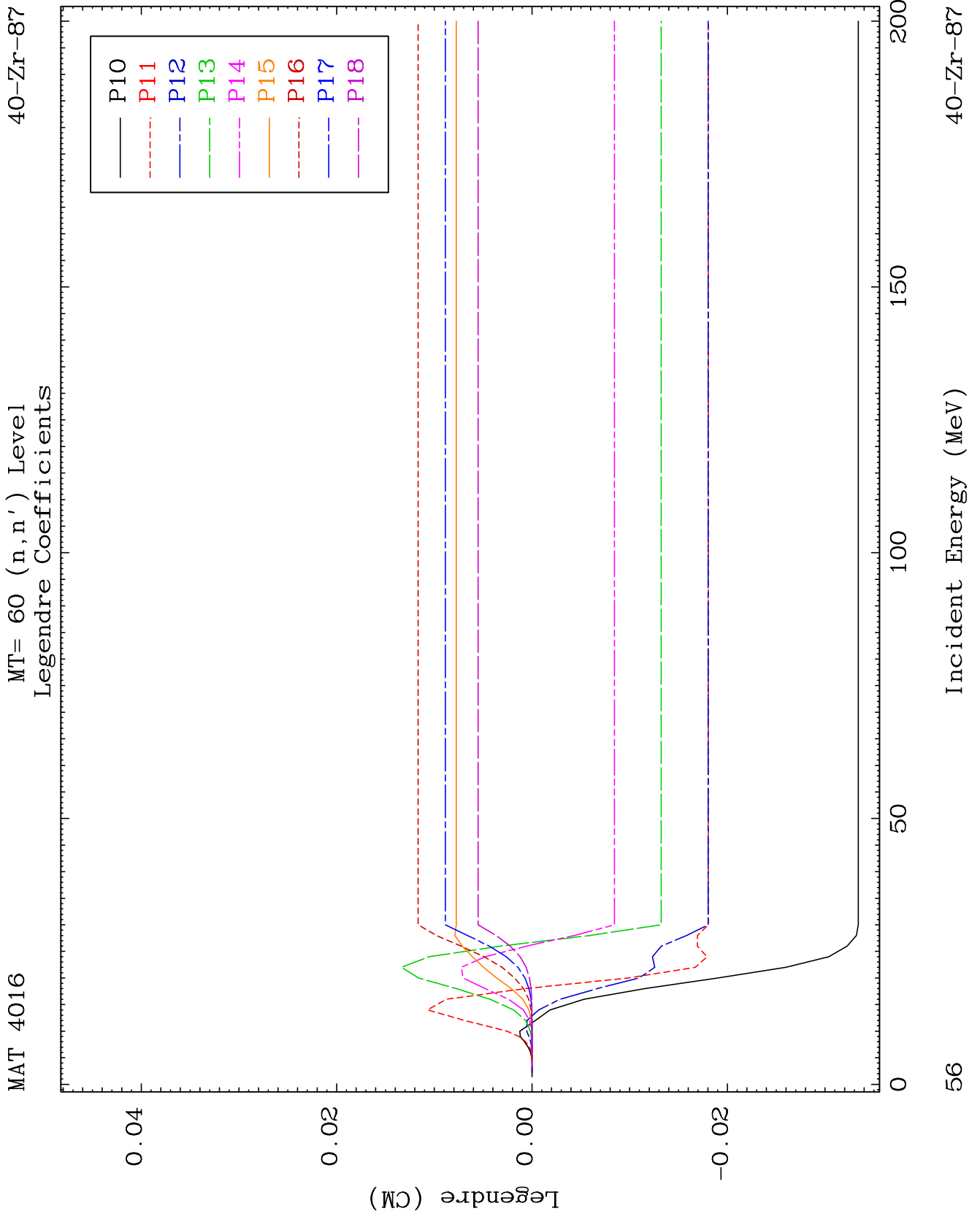


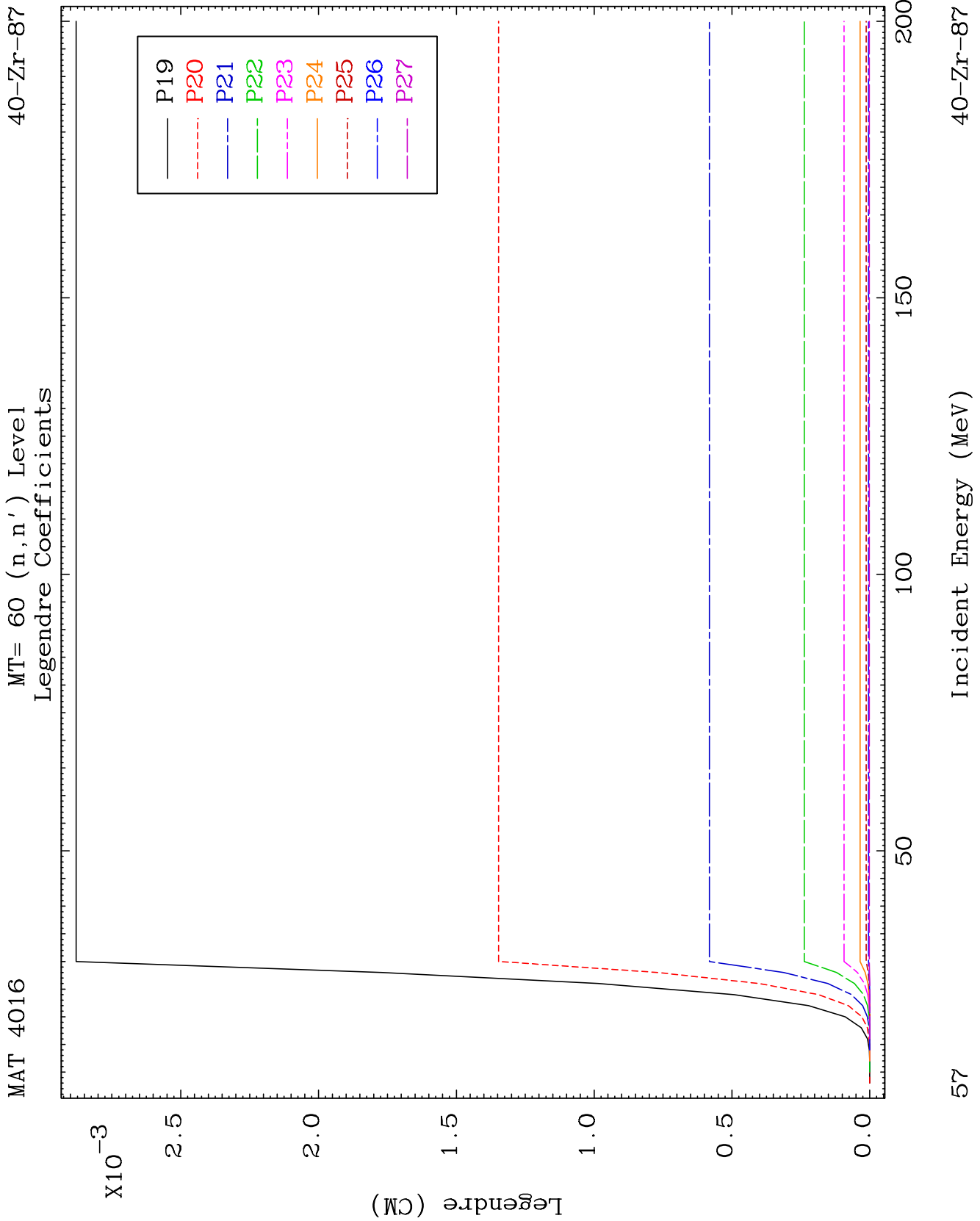
54

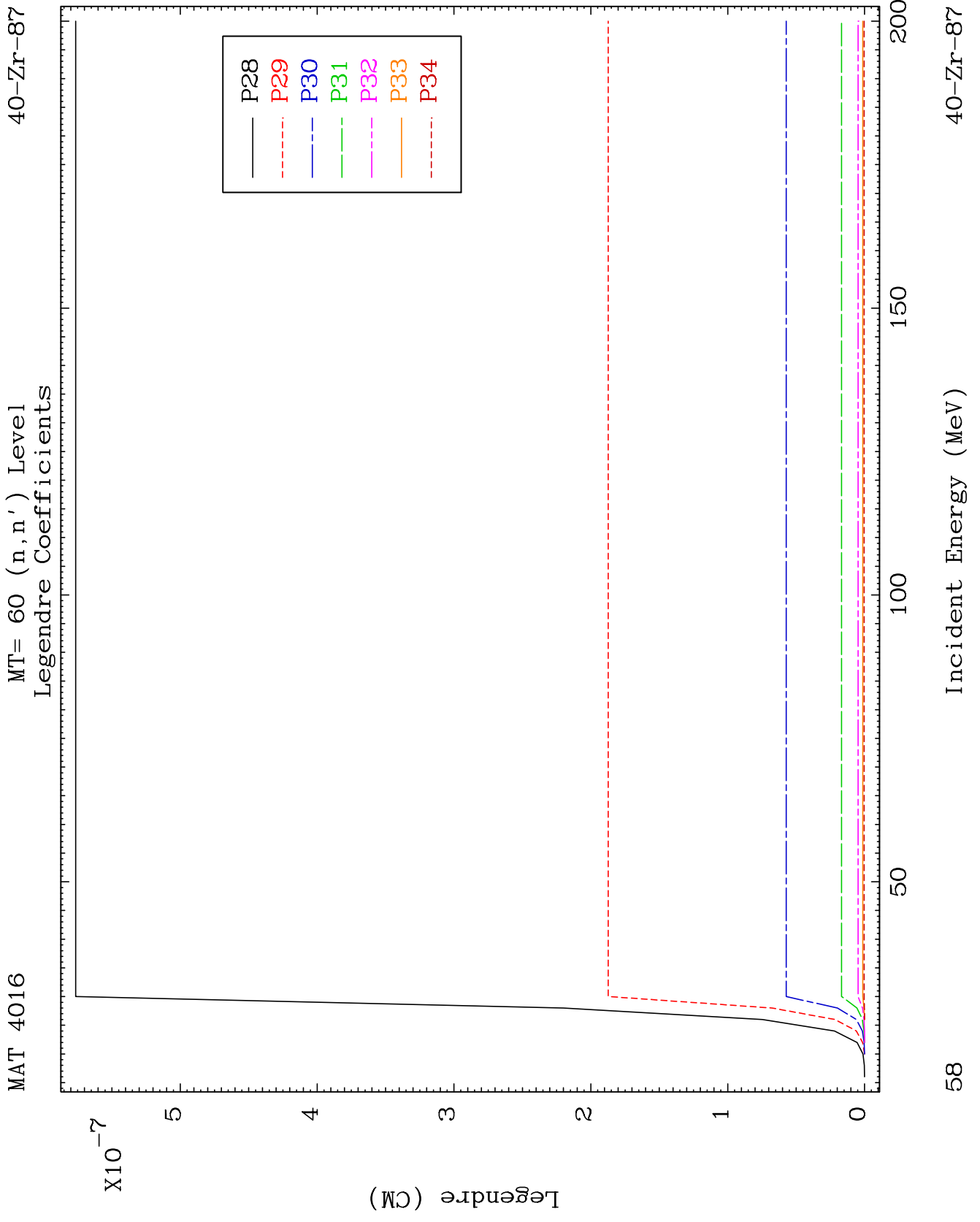
Incident Energy (MeV)

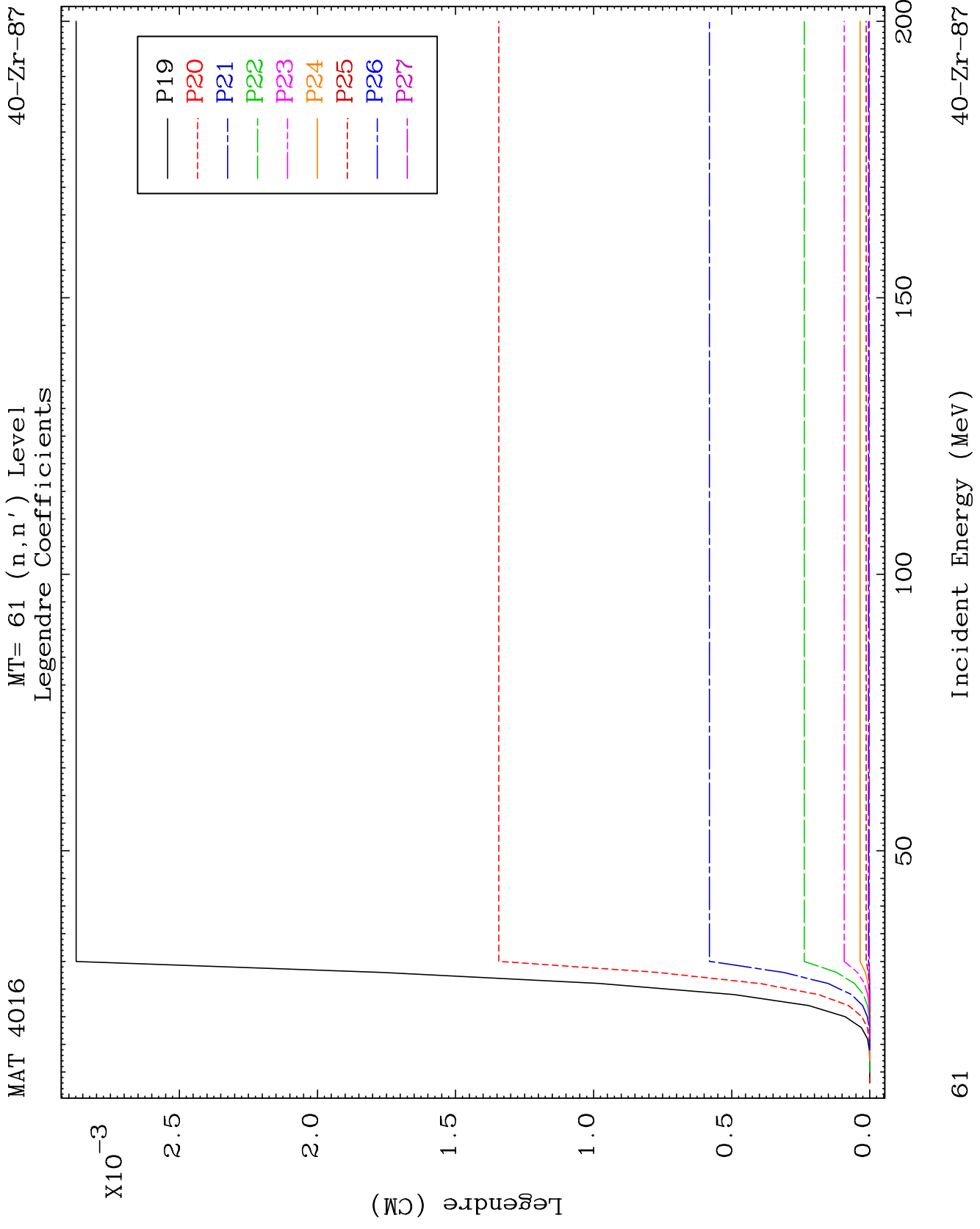
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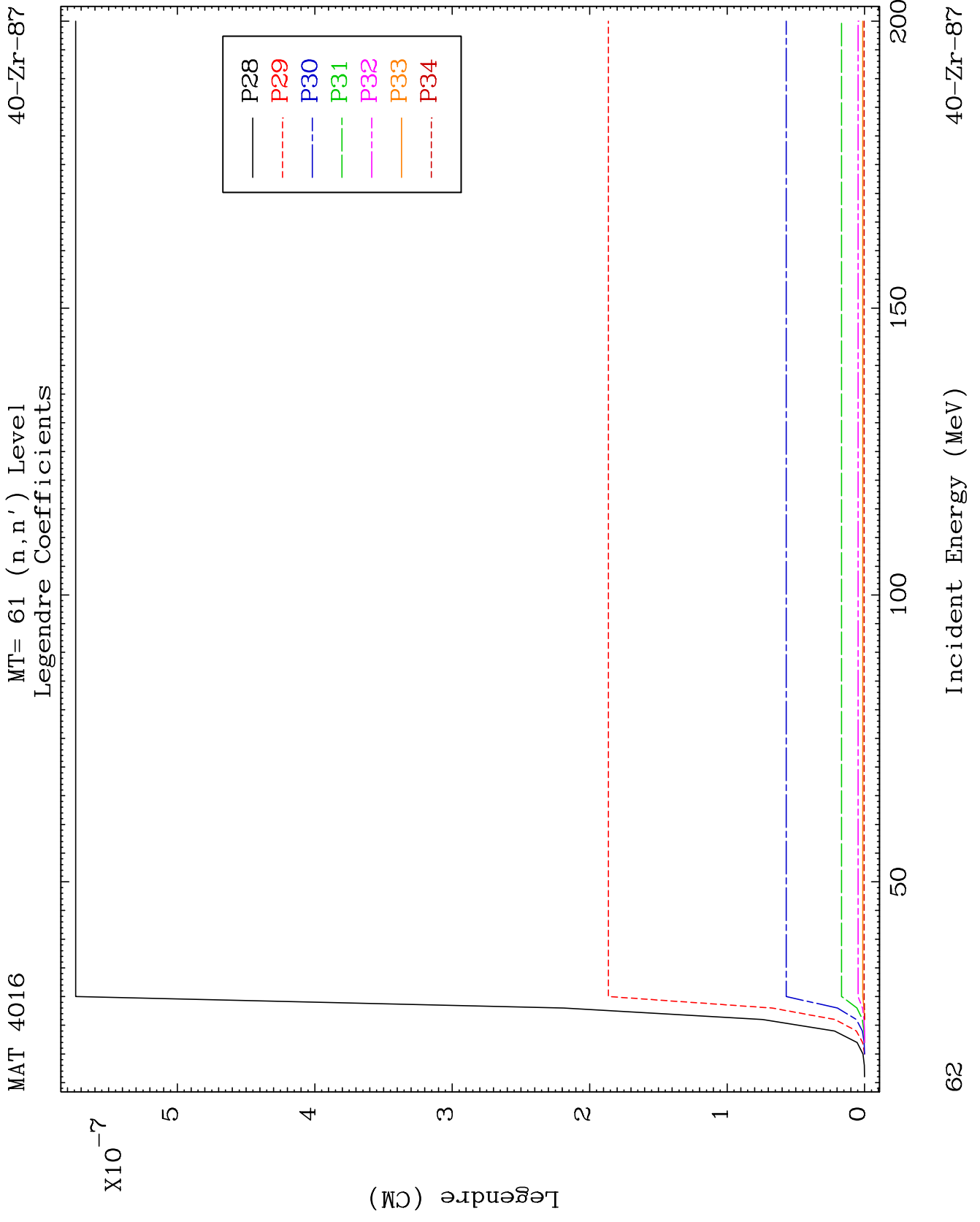








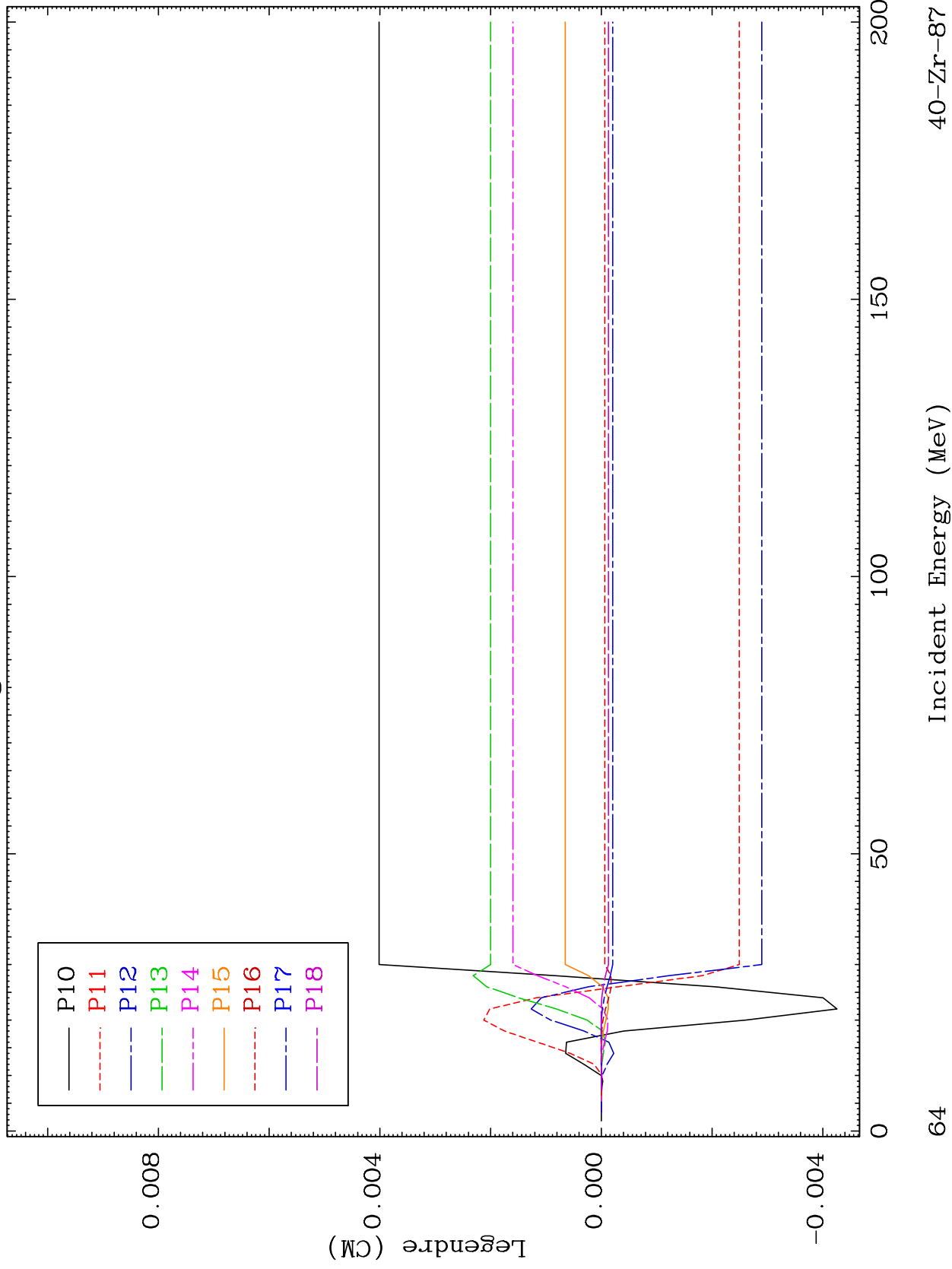




MAT 4016

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

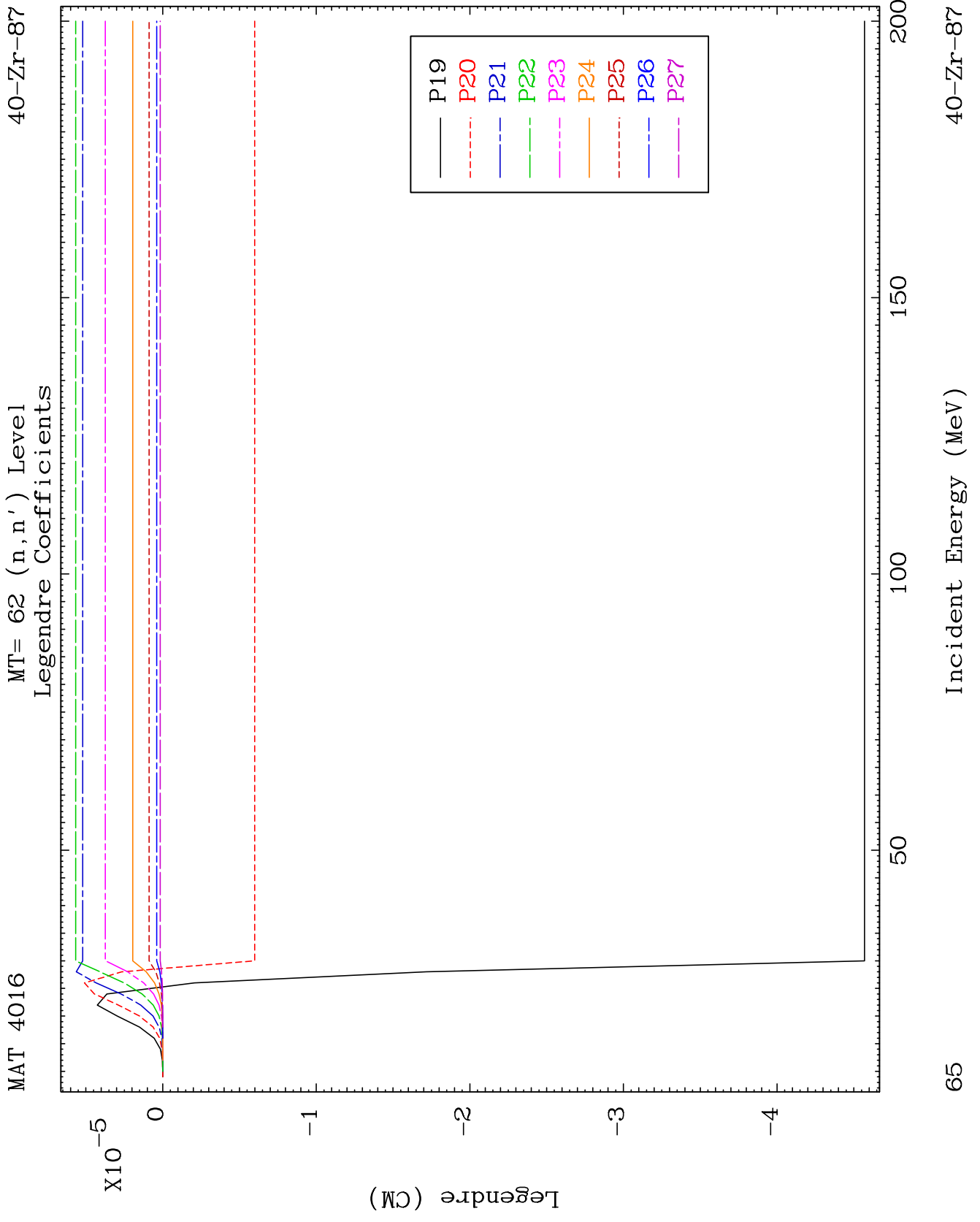
40-Zr-87



64

Incident Energy (MeV)

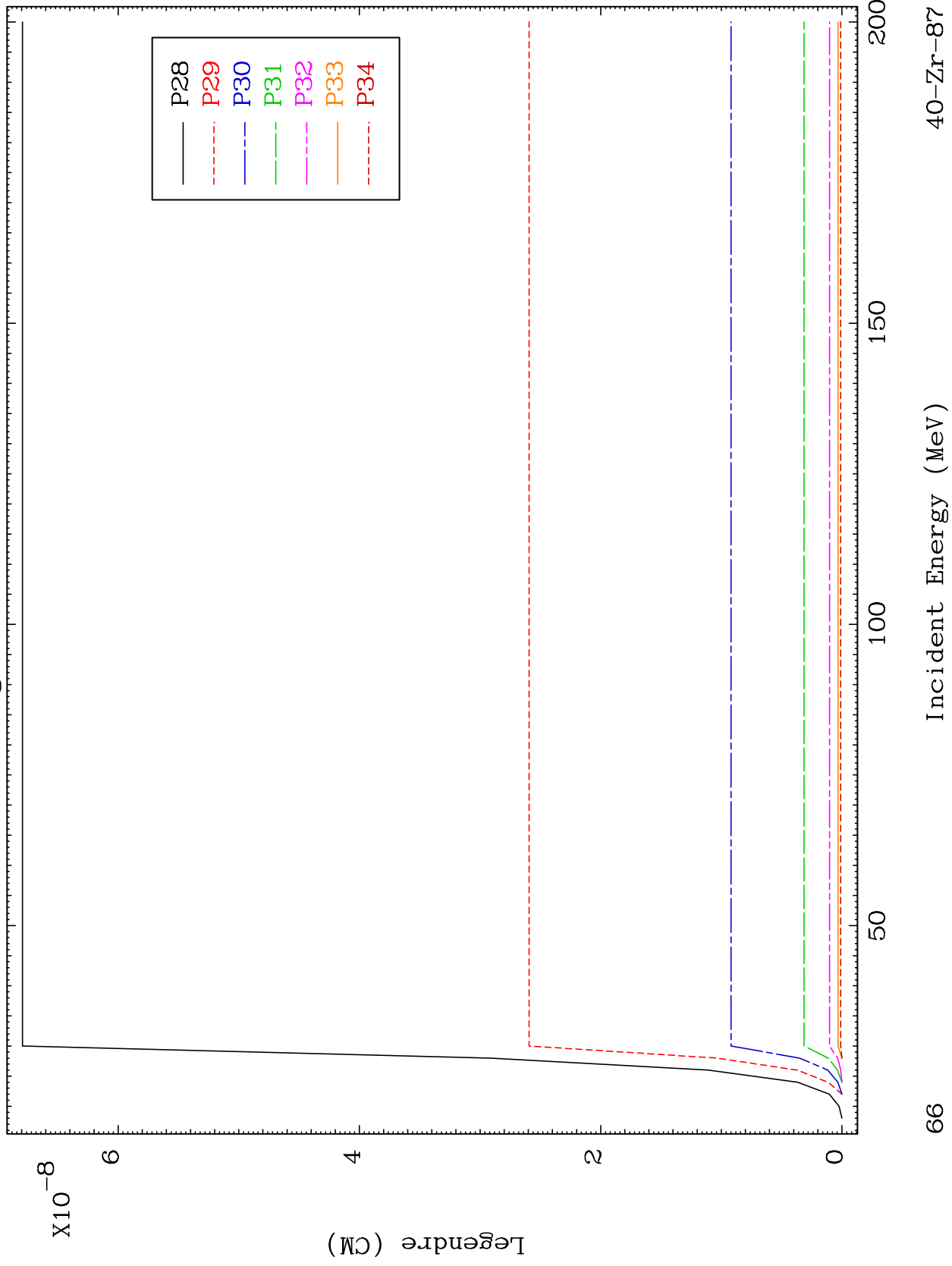
40-Zr-87



MAT 4016

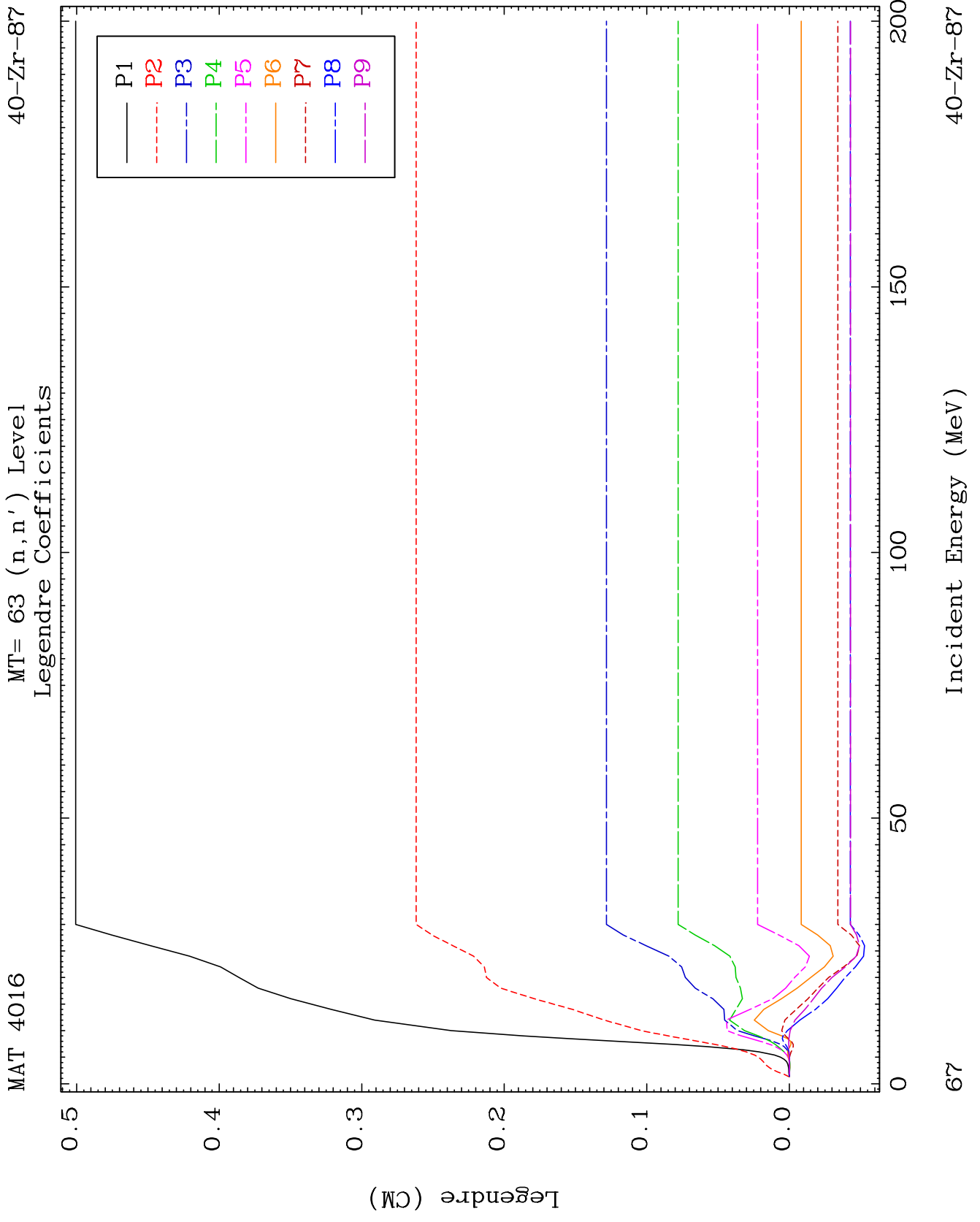
MT= 62 (n,n') Level
Legendre Coefficients

40-Zr-87



66

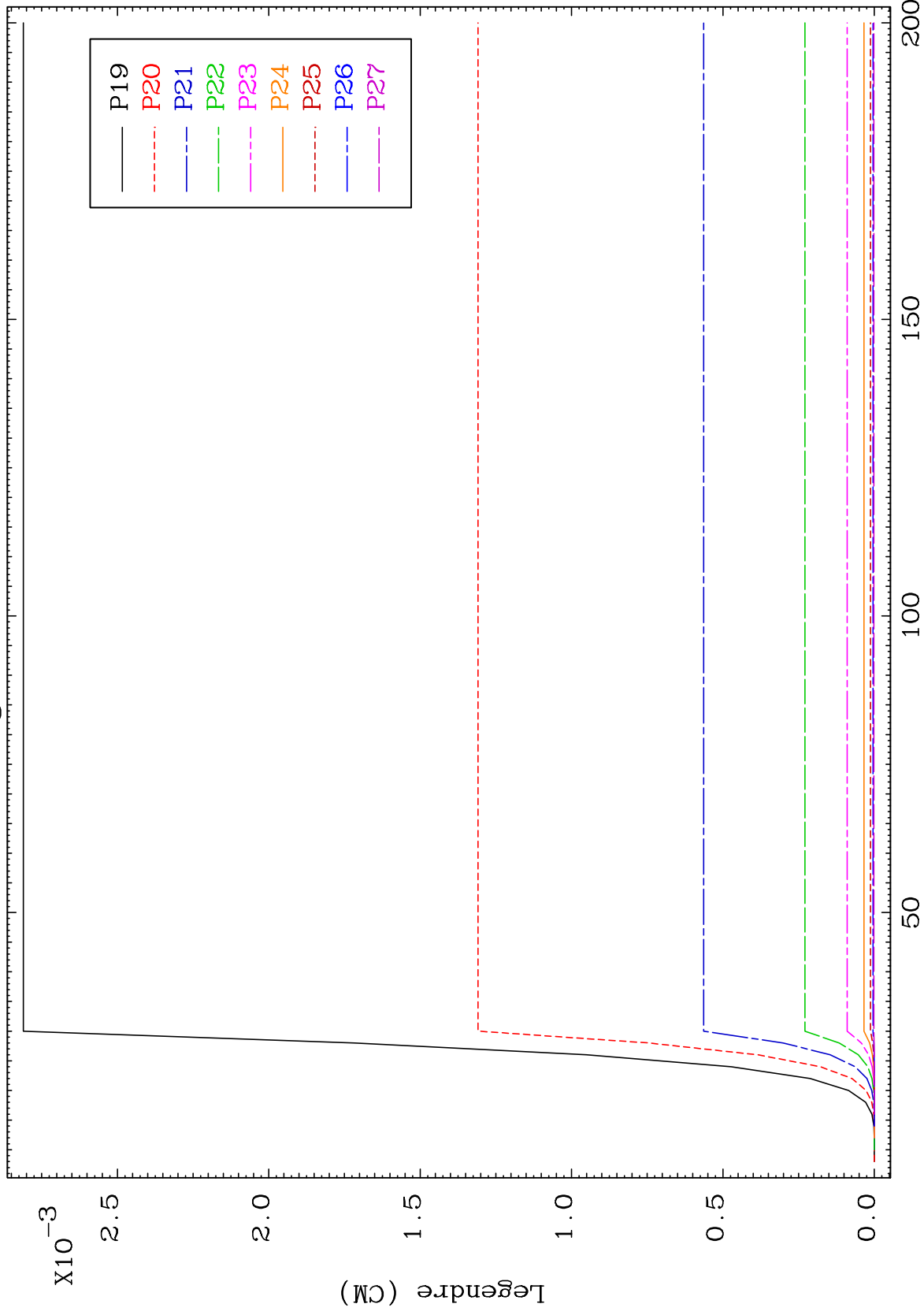
40-Zr-87



MAT 4016

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

40-Zr-87



69

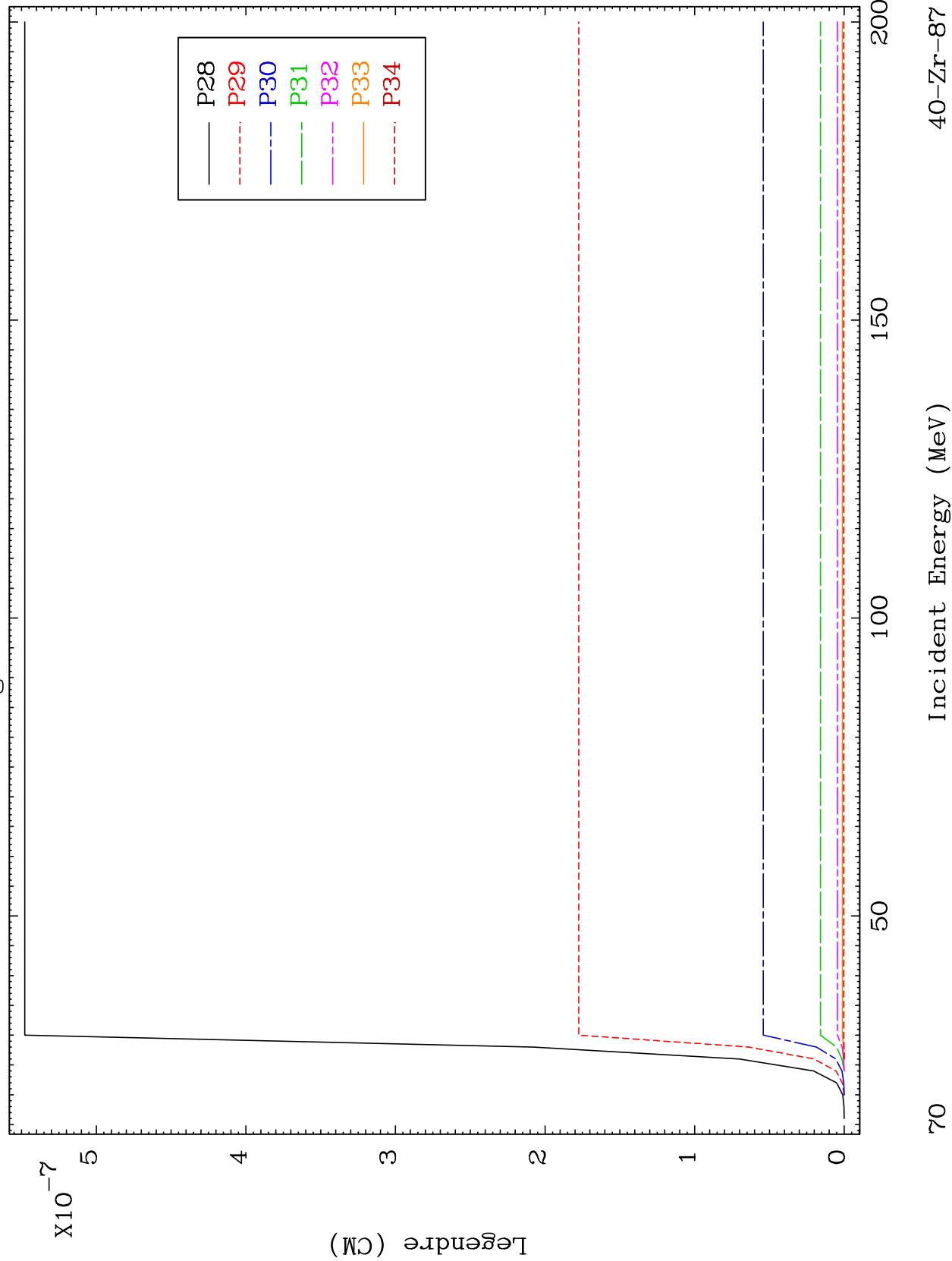
Incident Energy (MeV)

40-Zr-87

MAT 4016

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

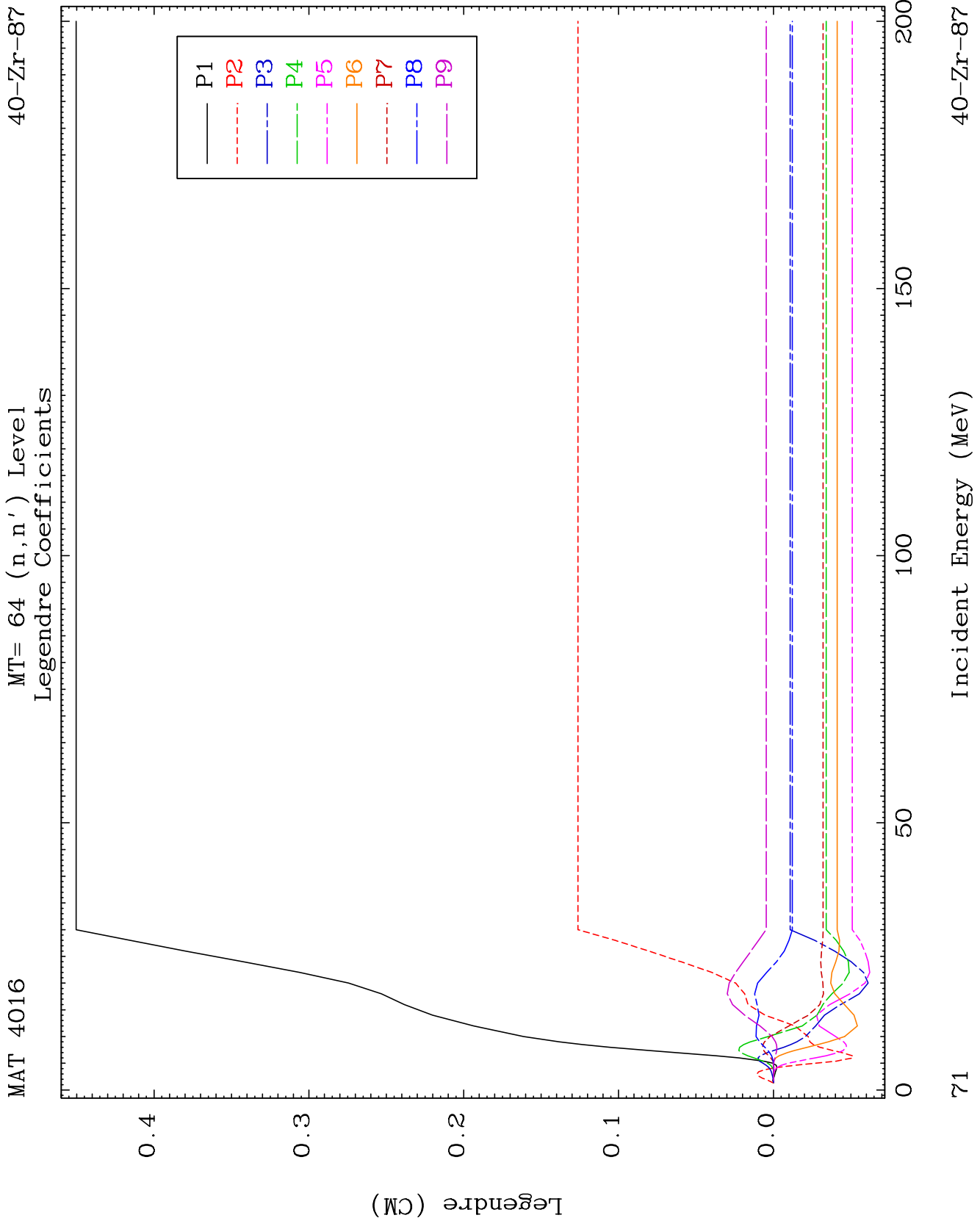
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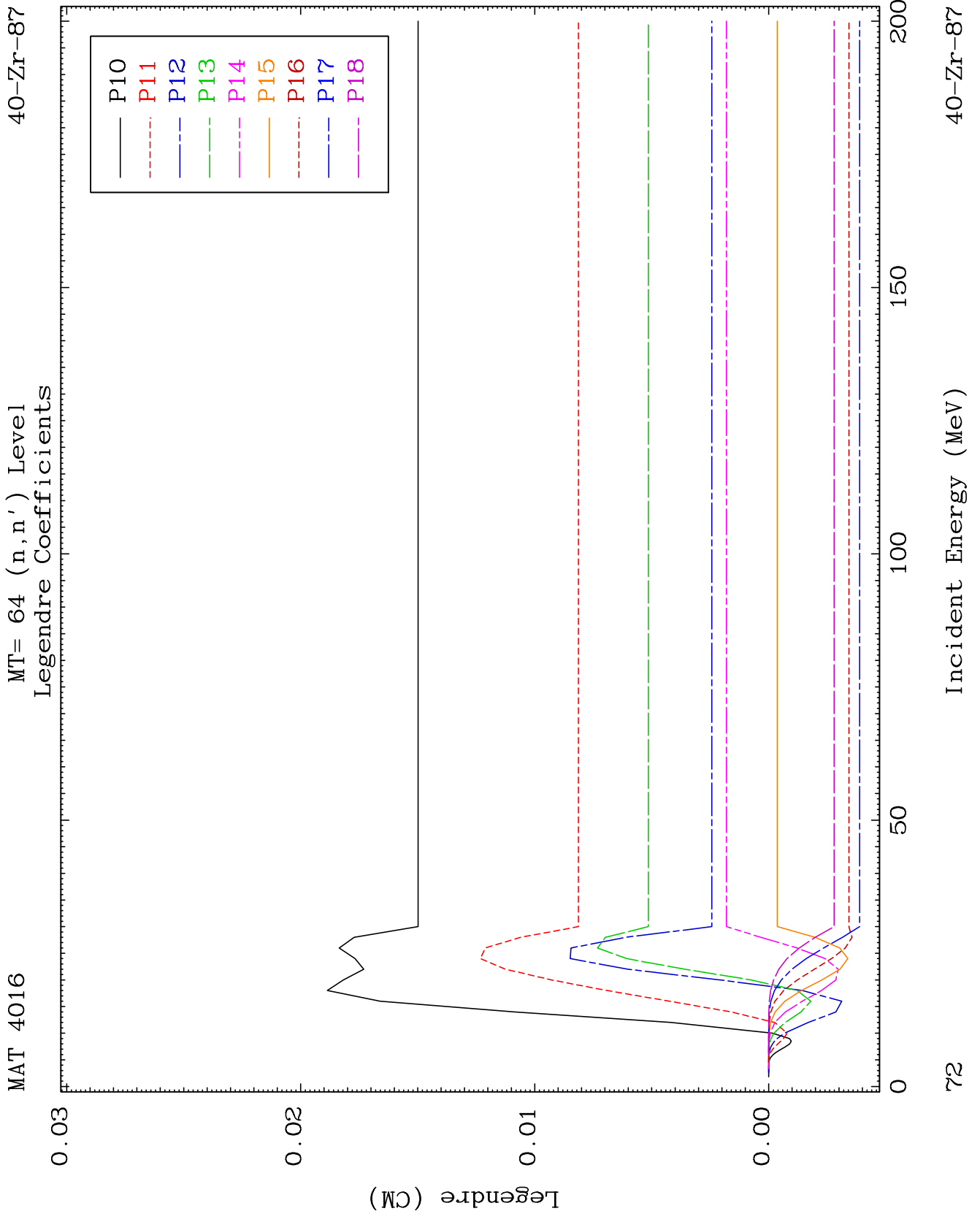


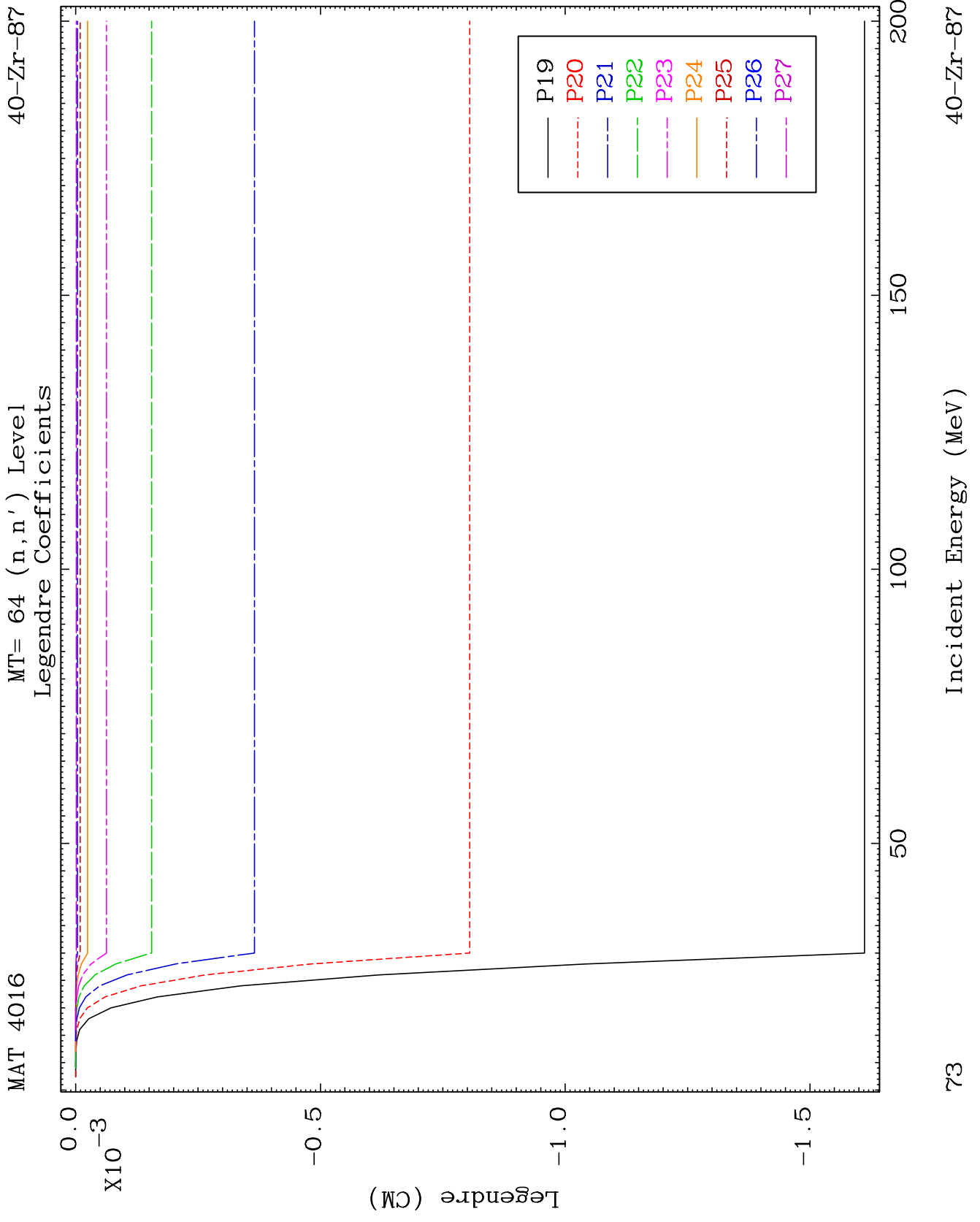
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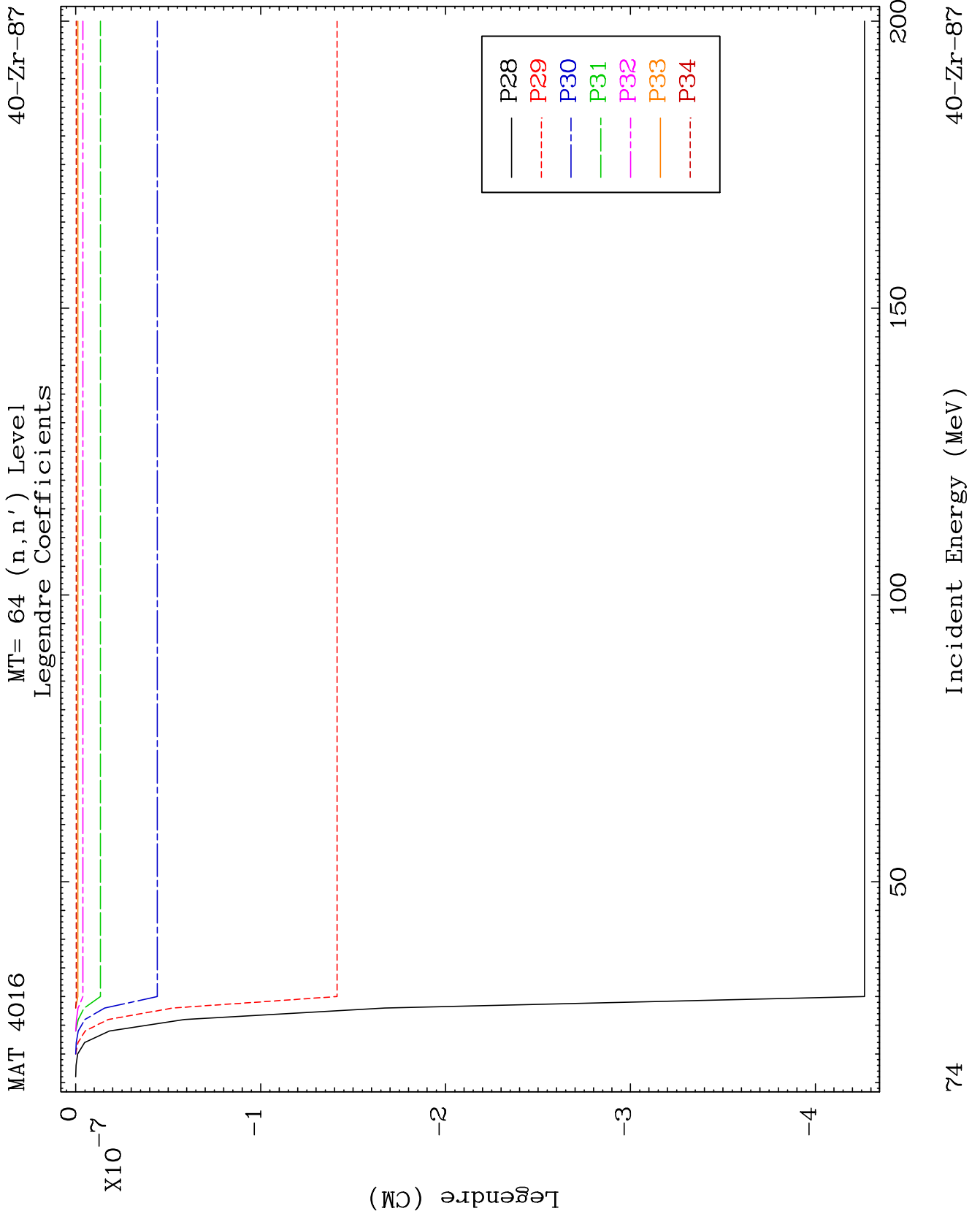
Incident Energy (MeV)

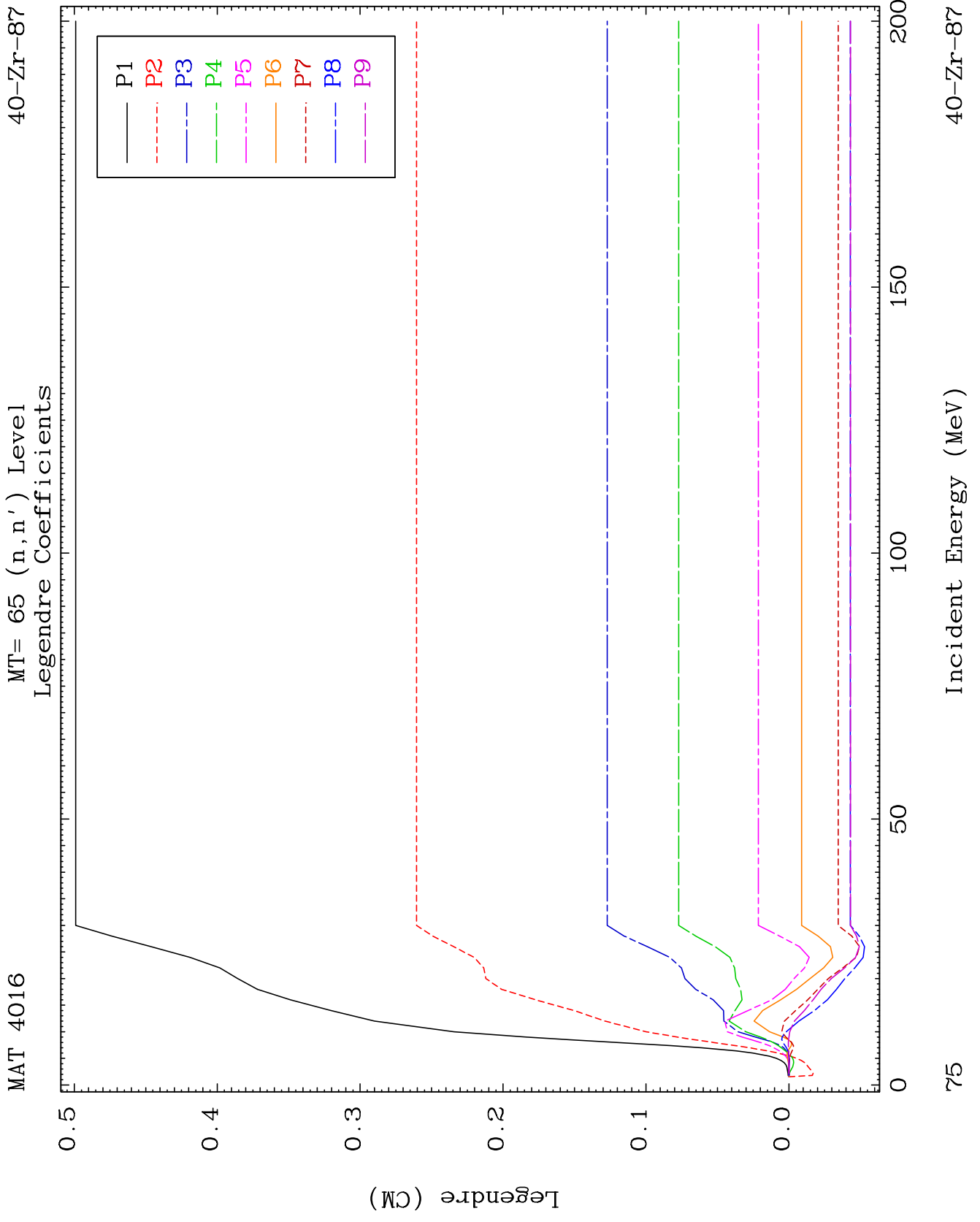
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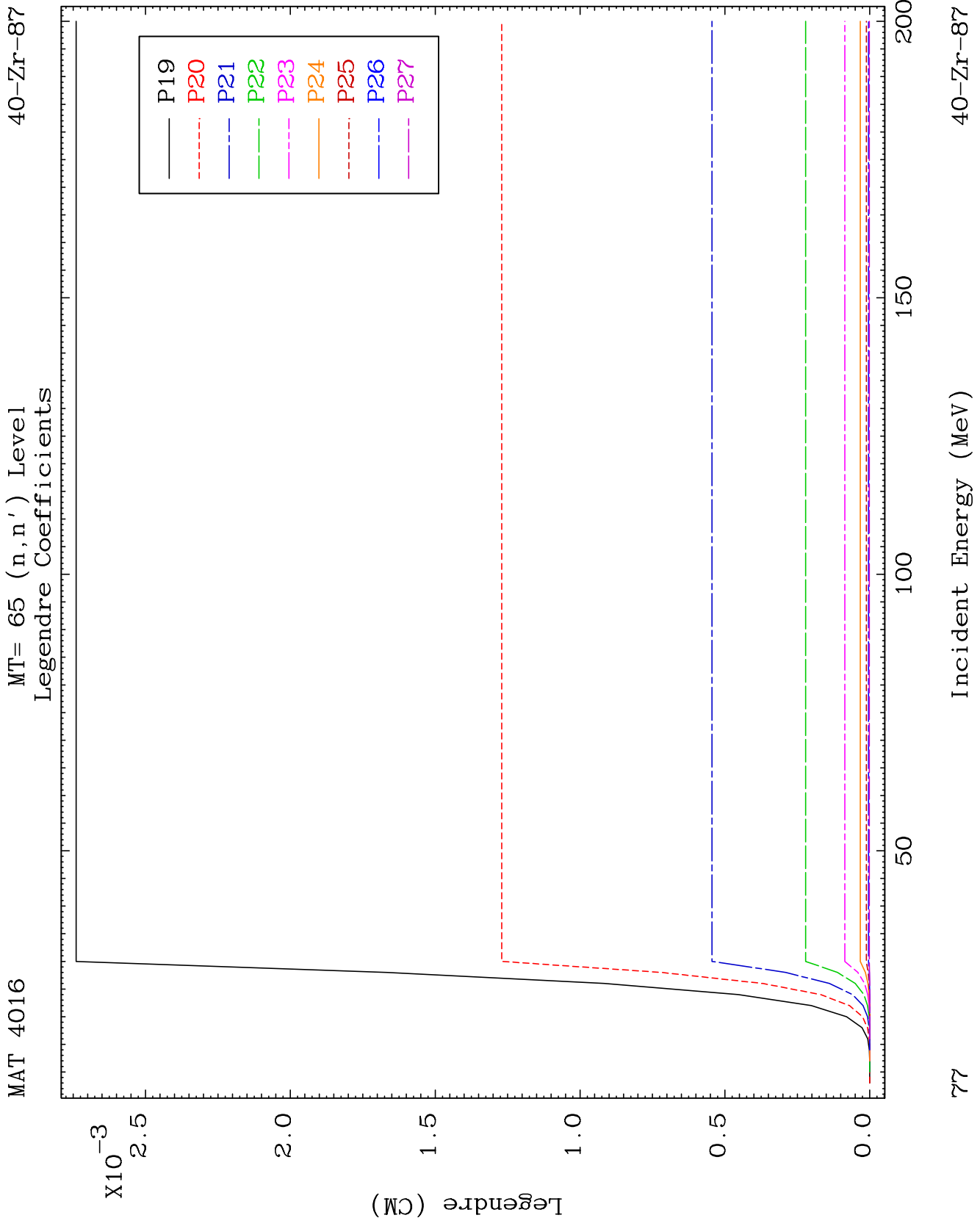


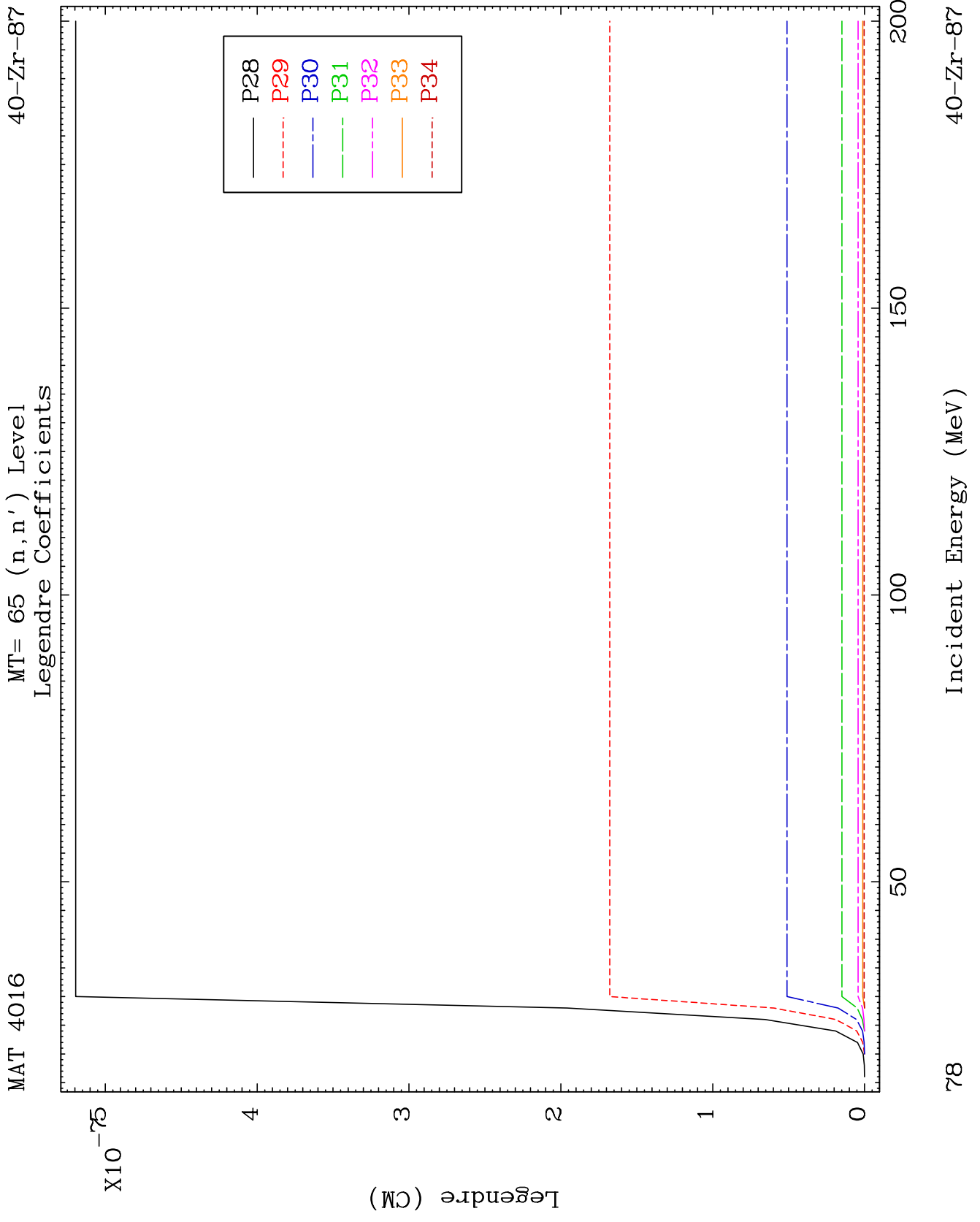


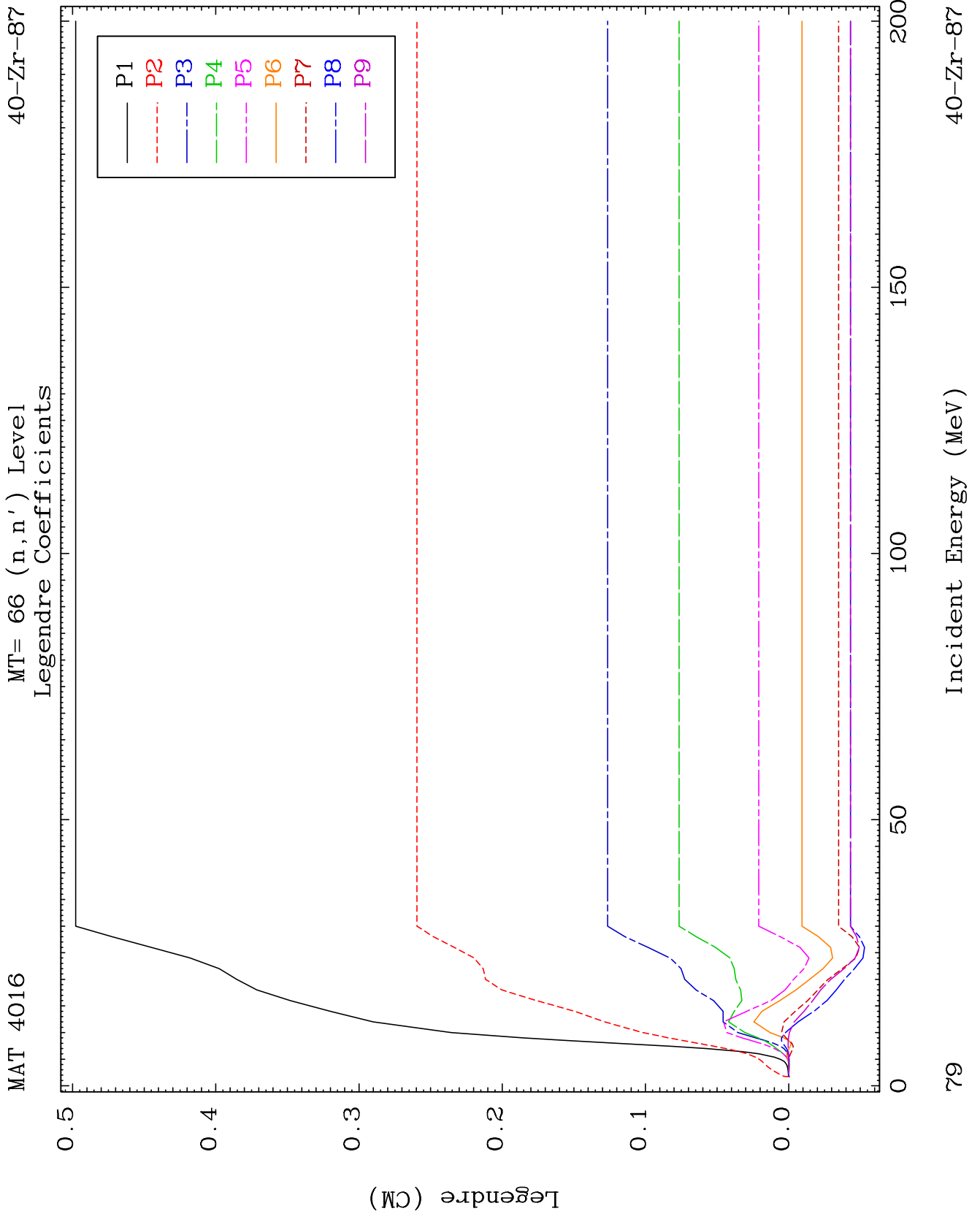


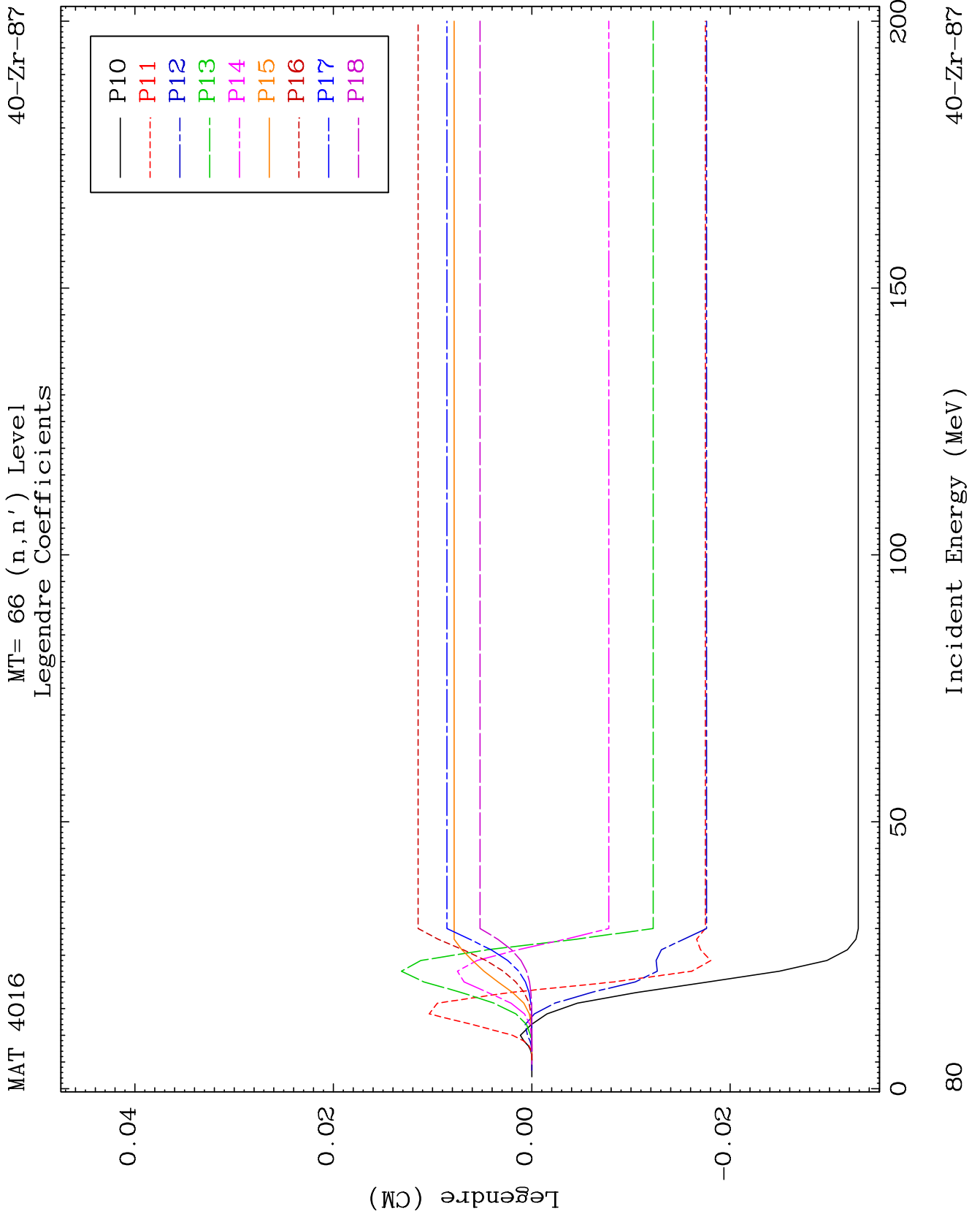


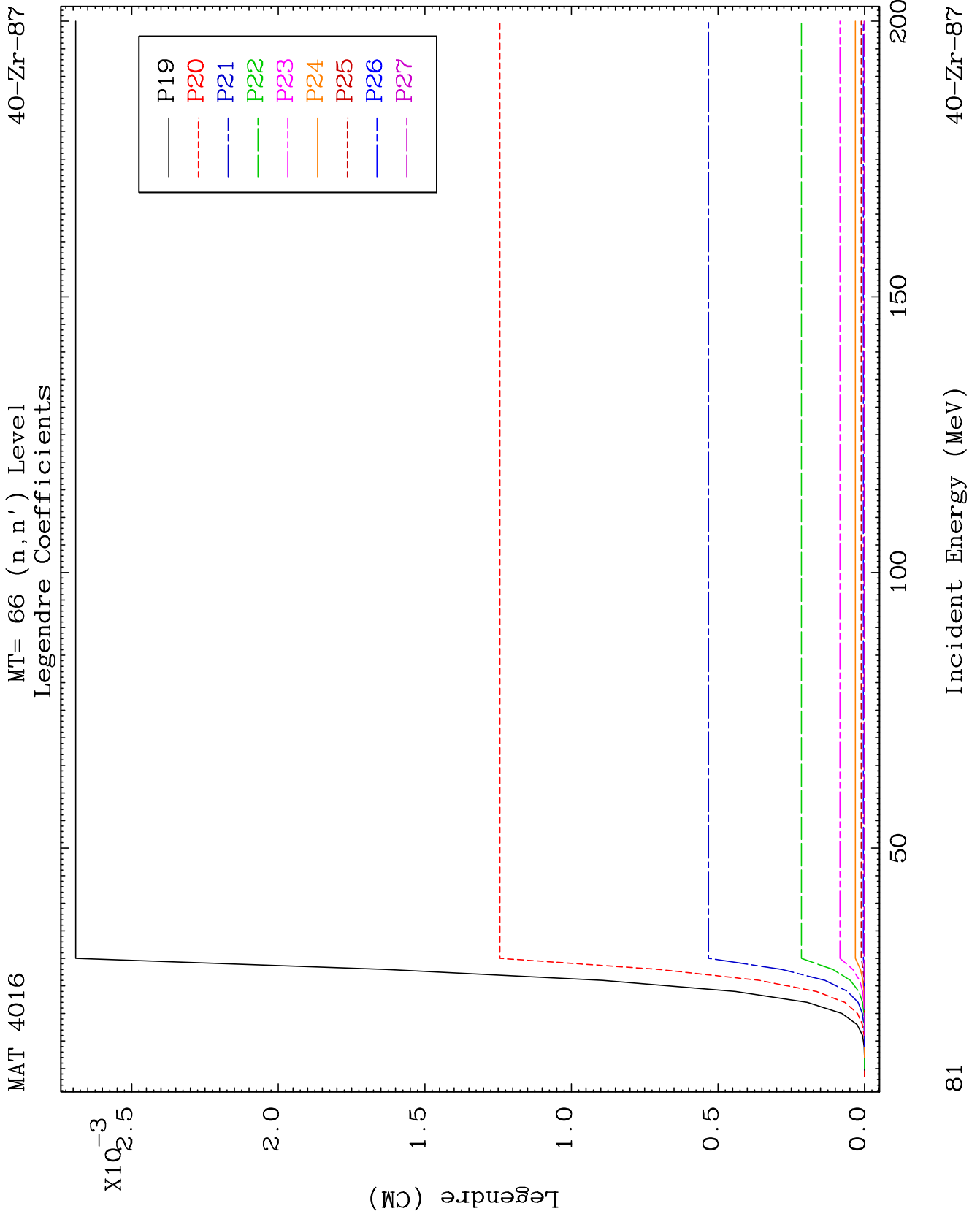


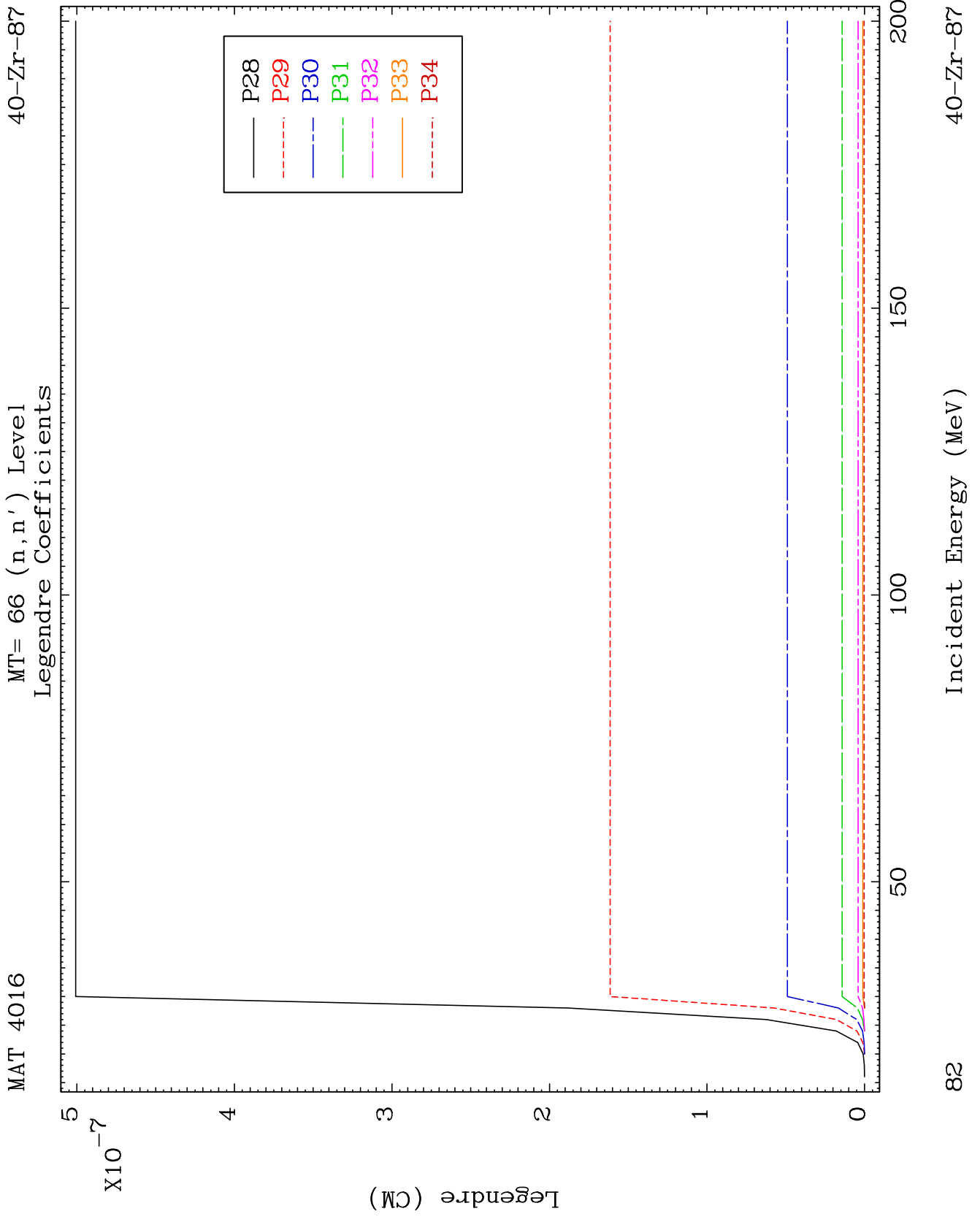


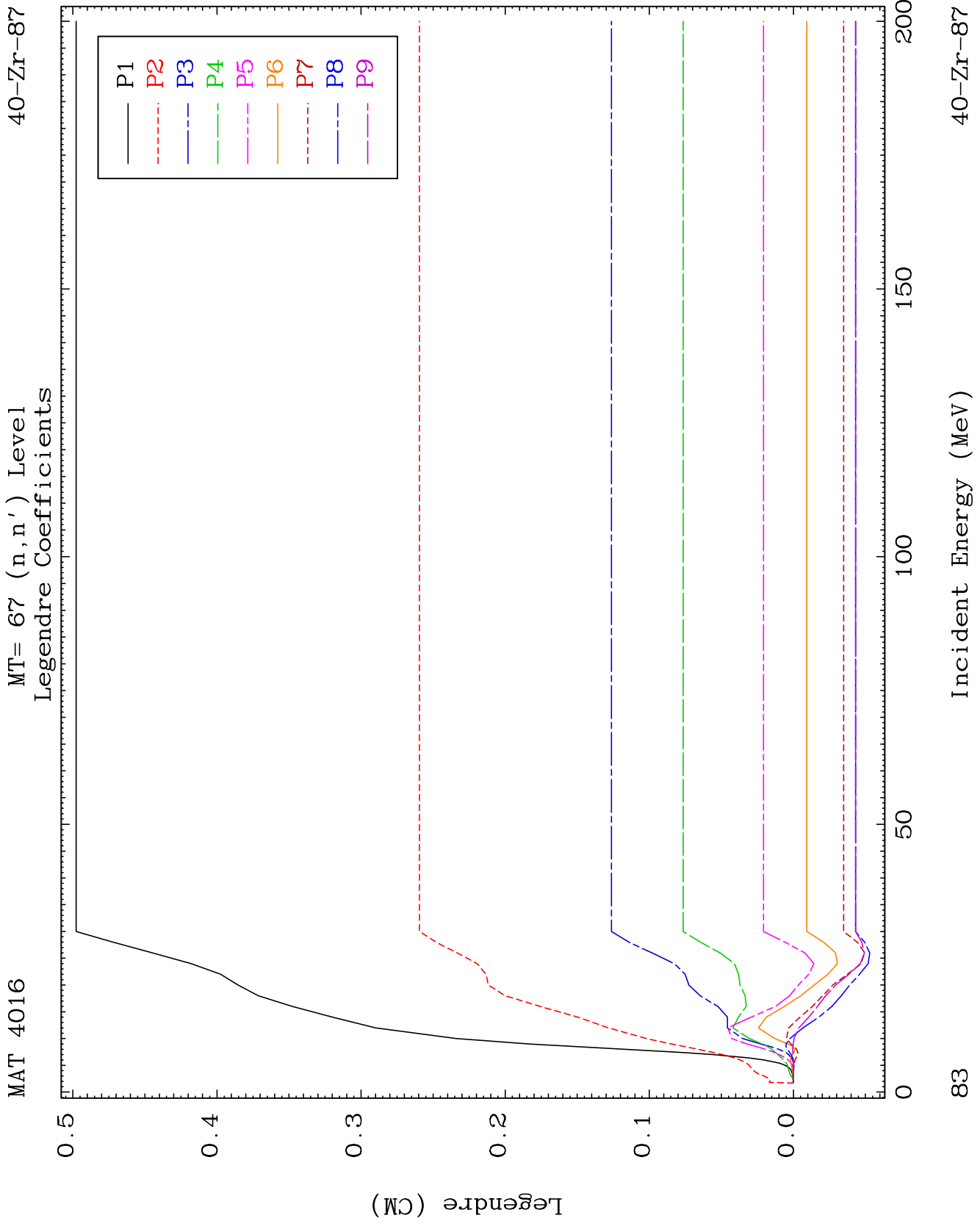


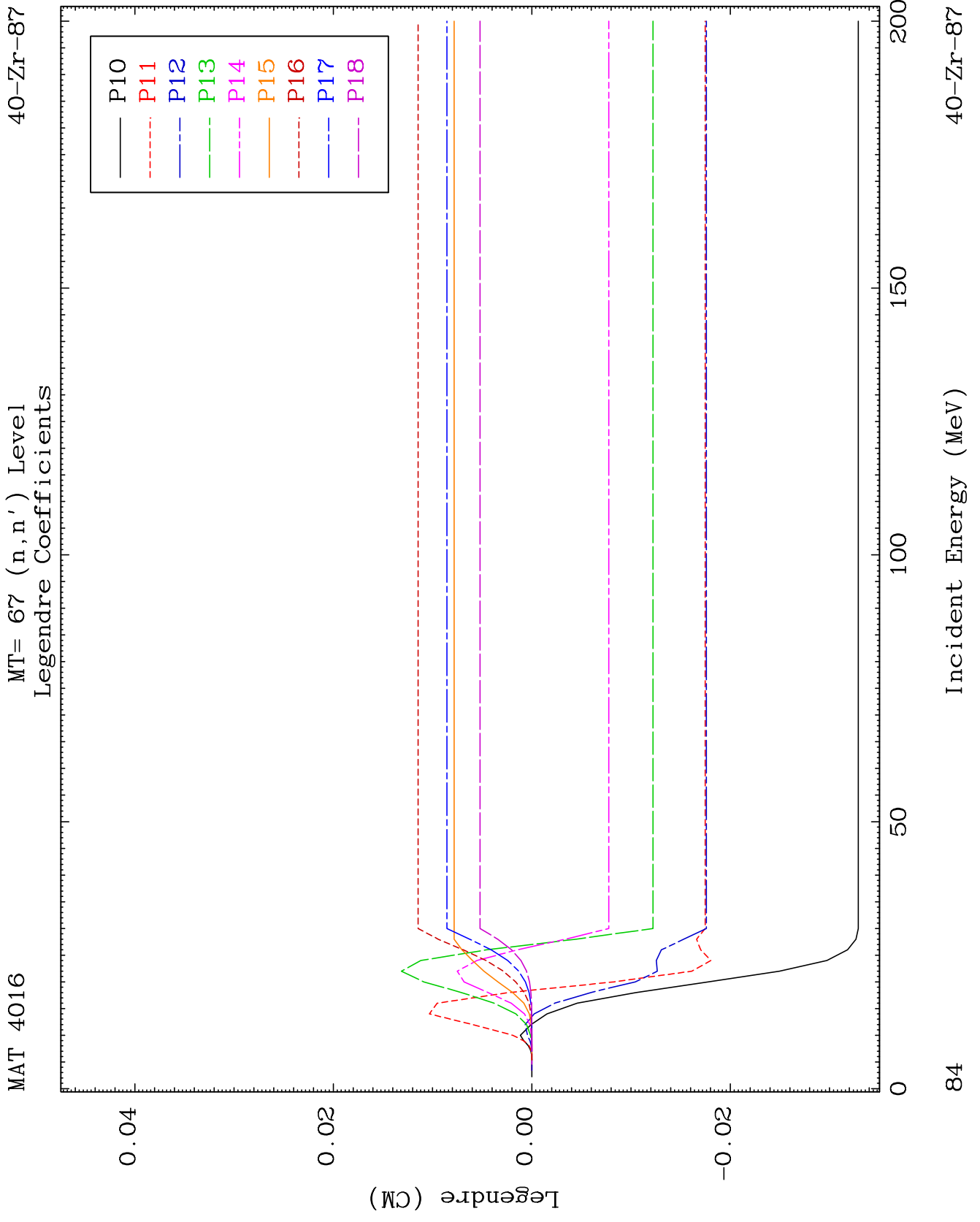


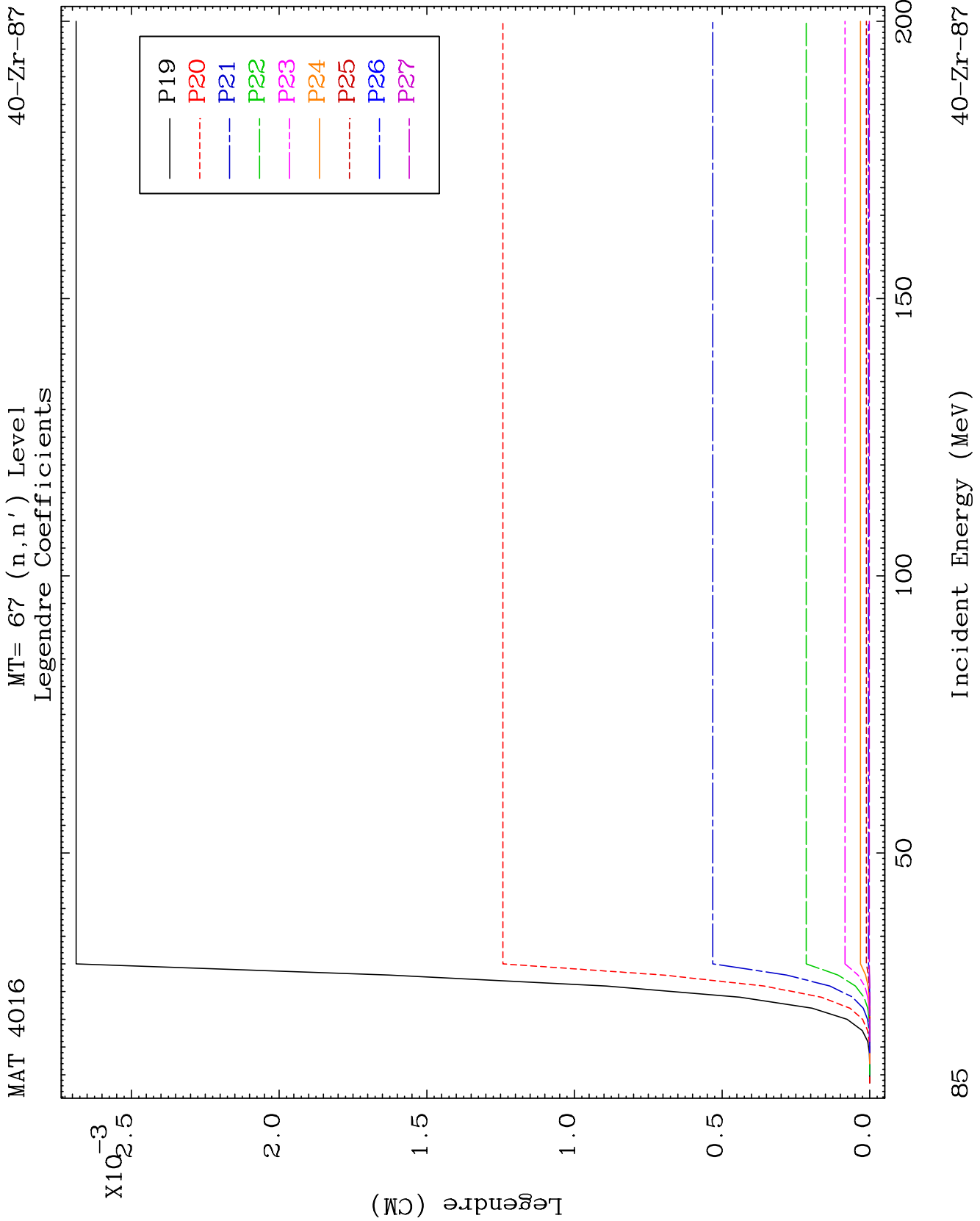


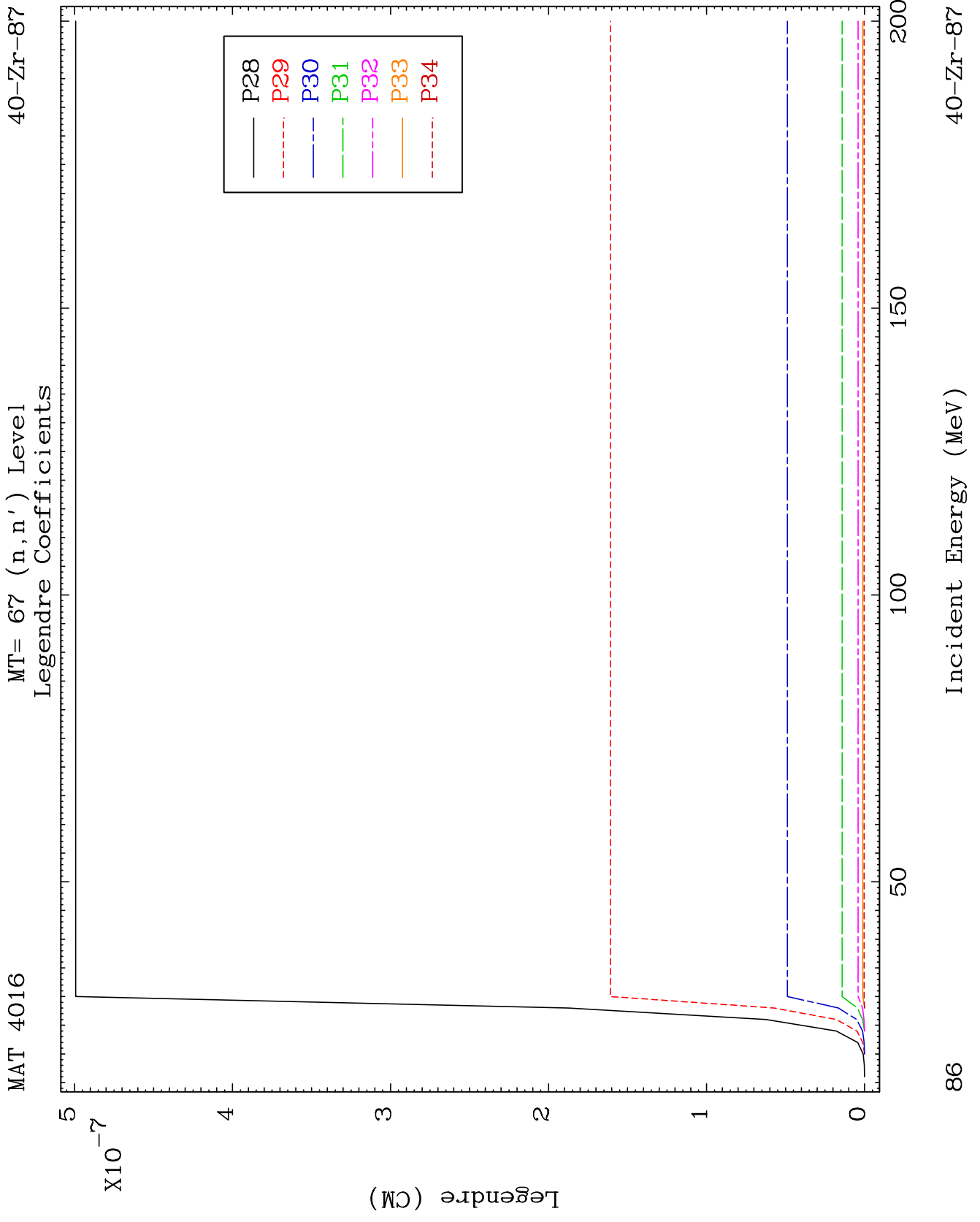


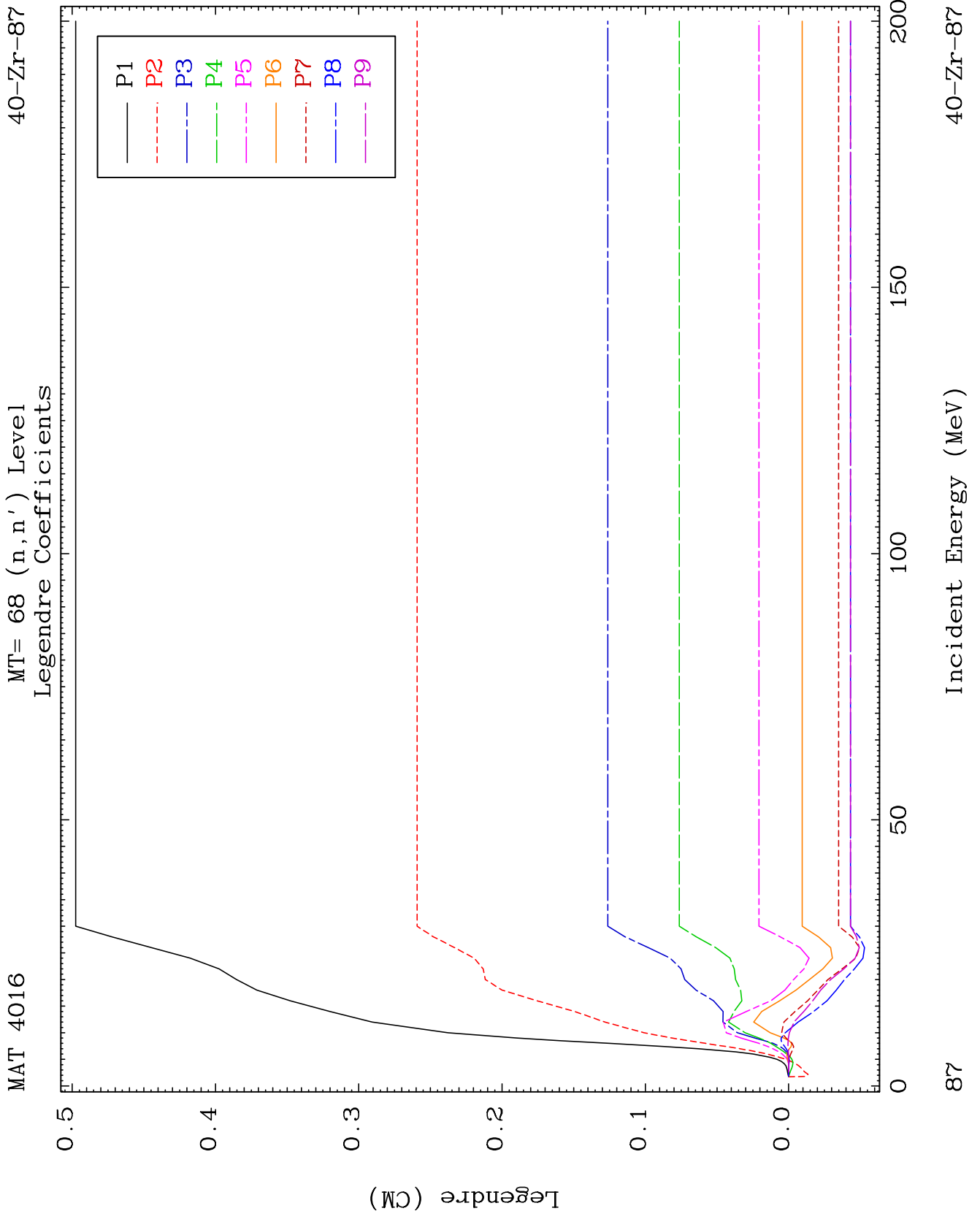


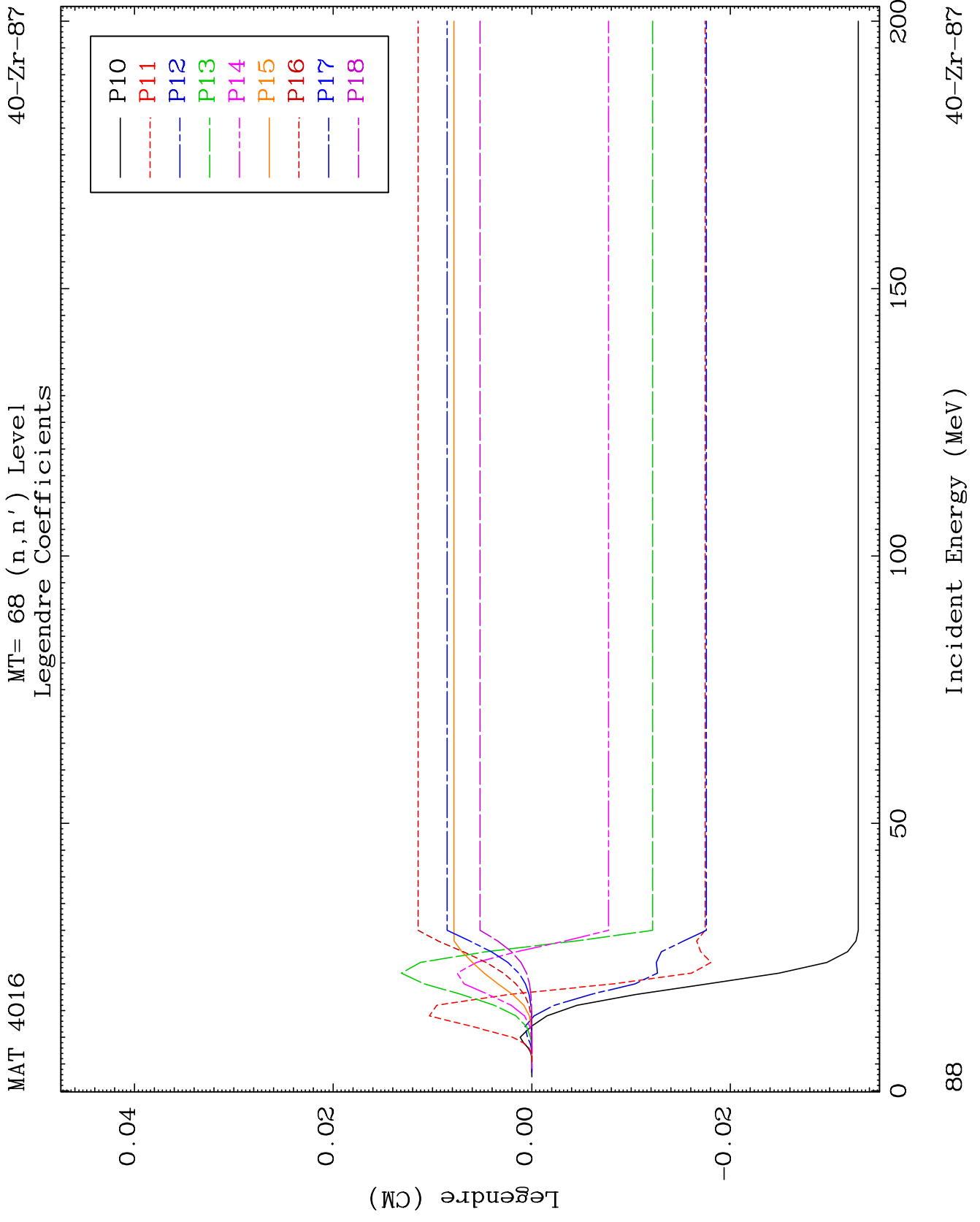


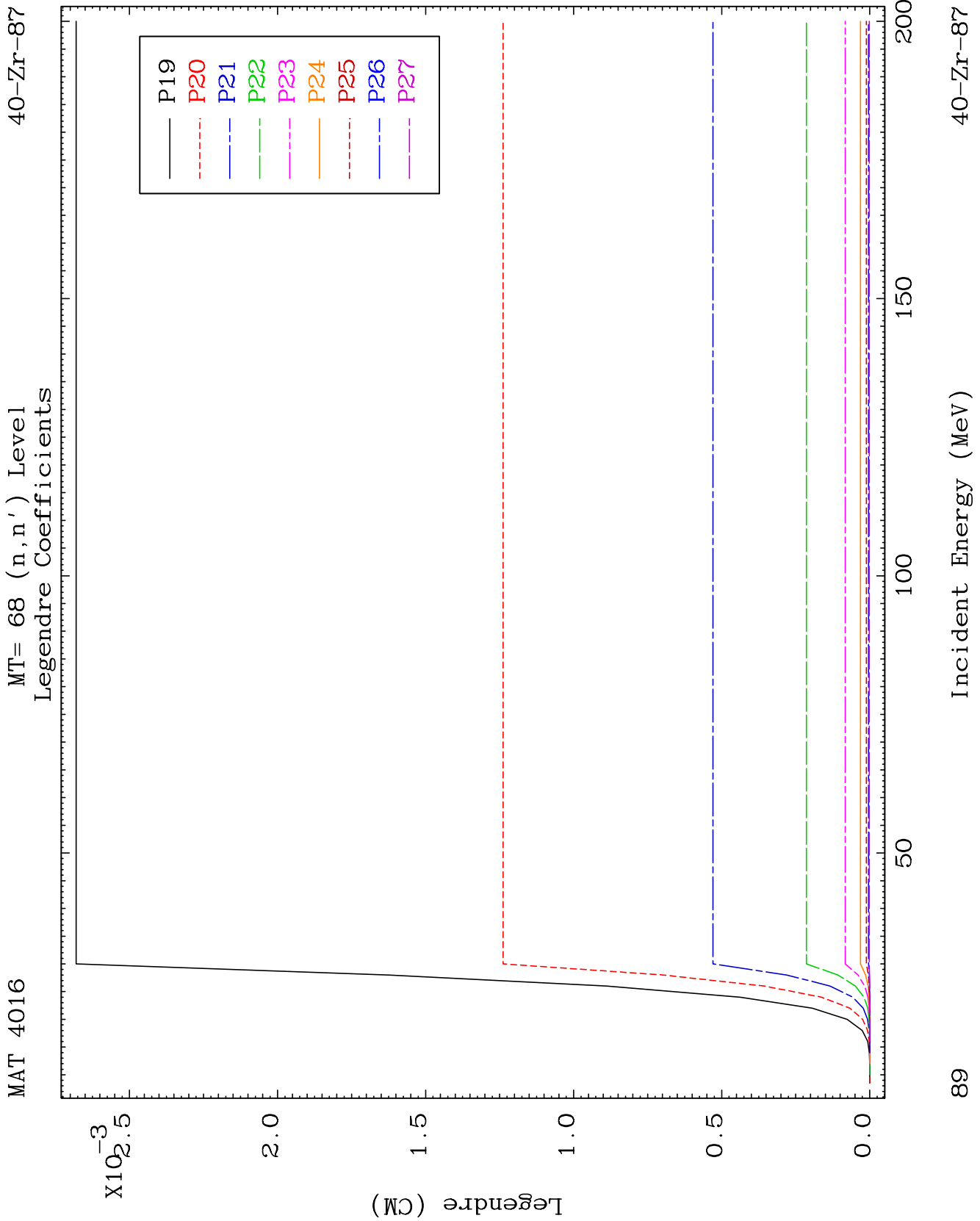


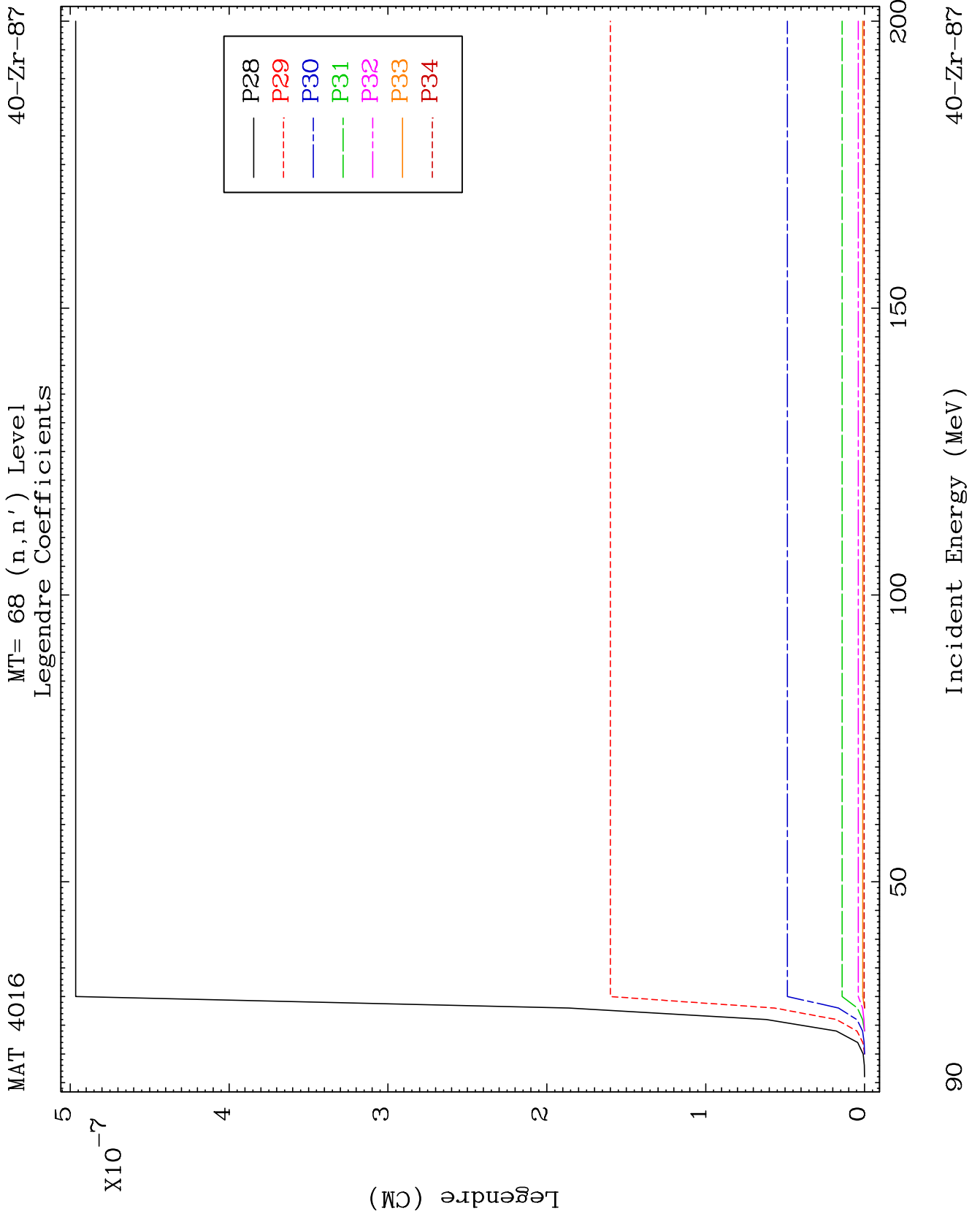


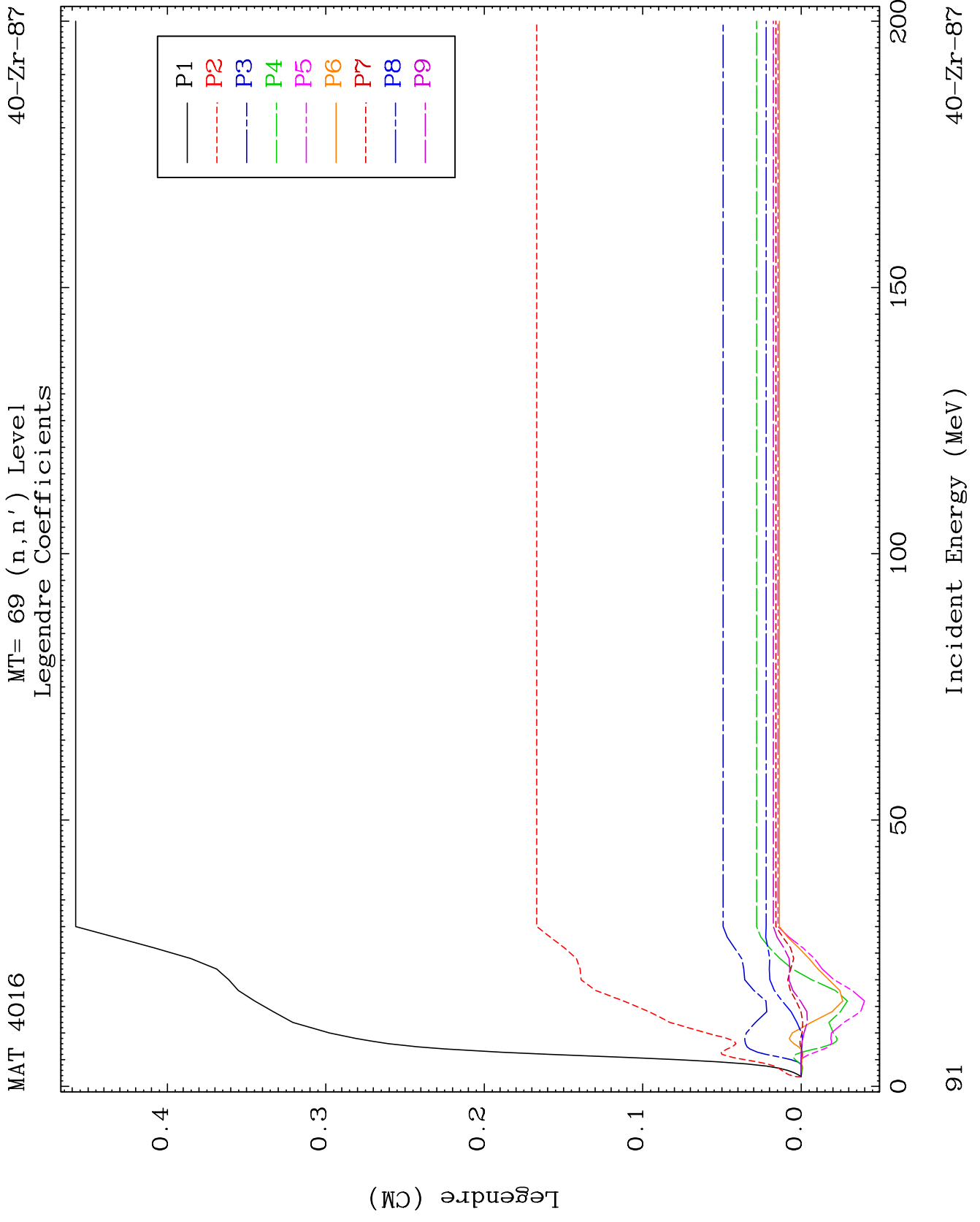








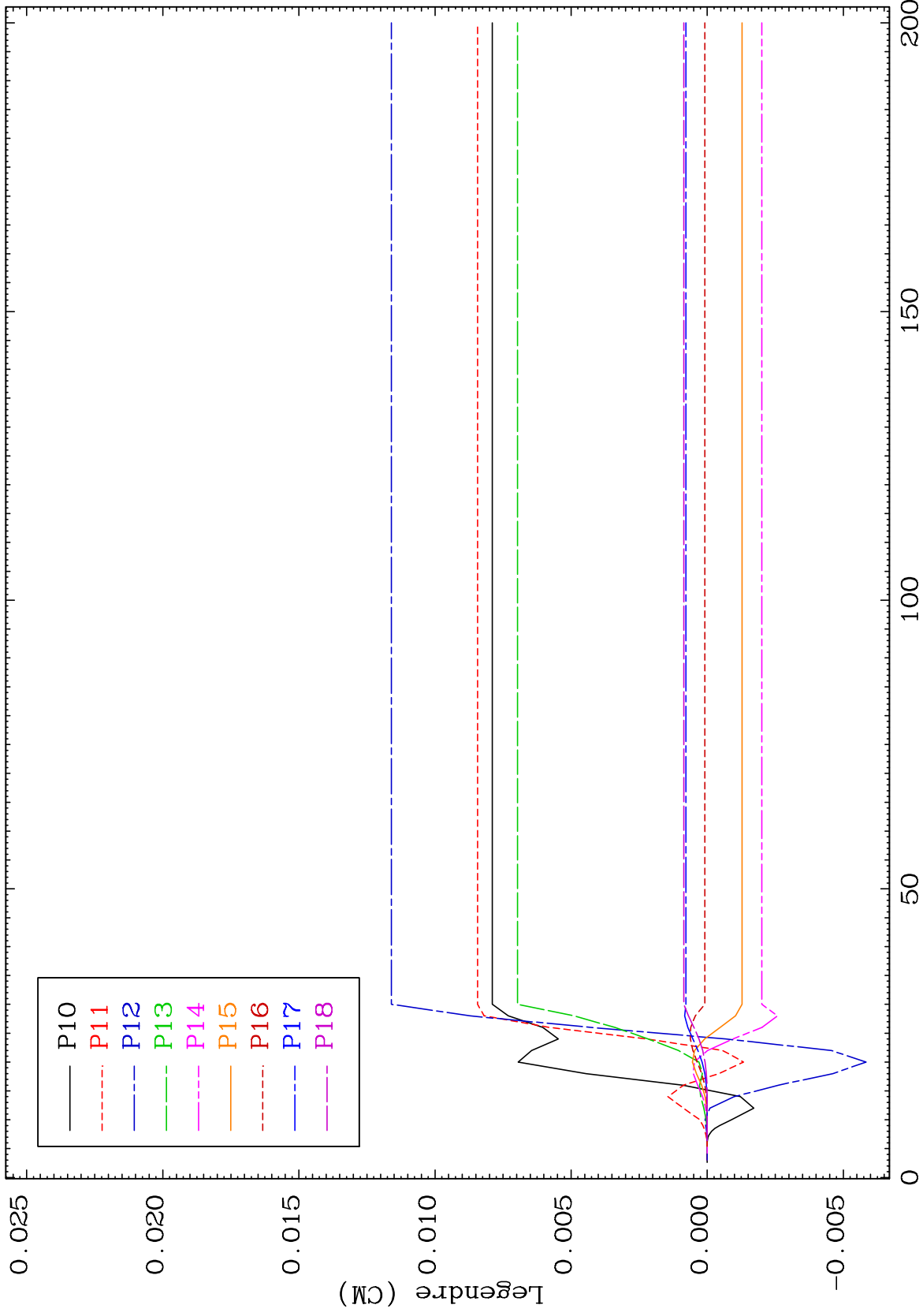




MAT 4016

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

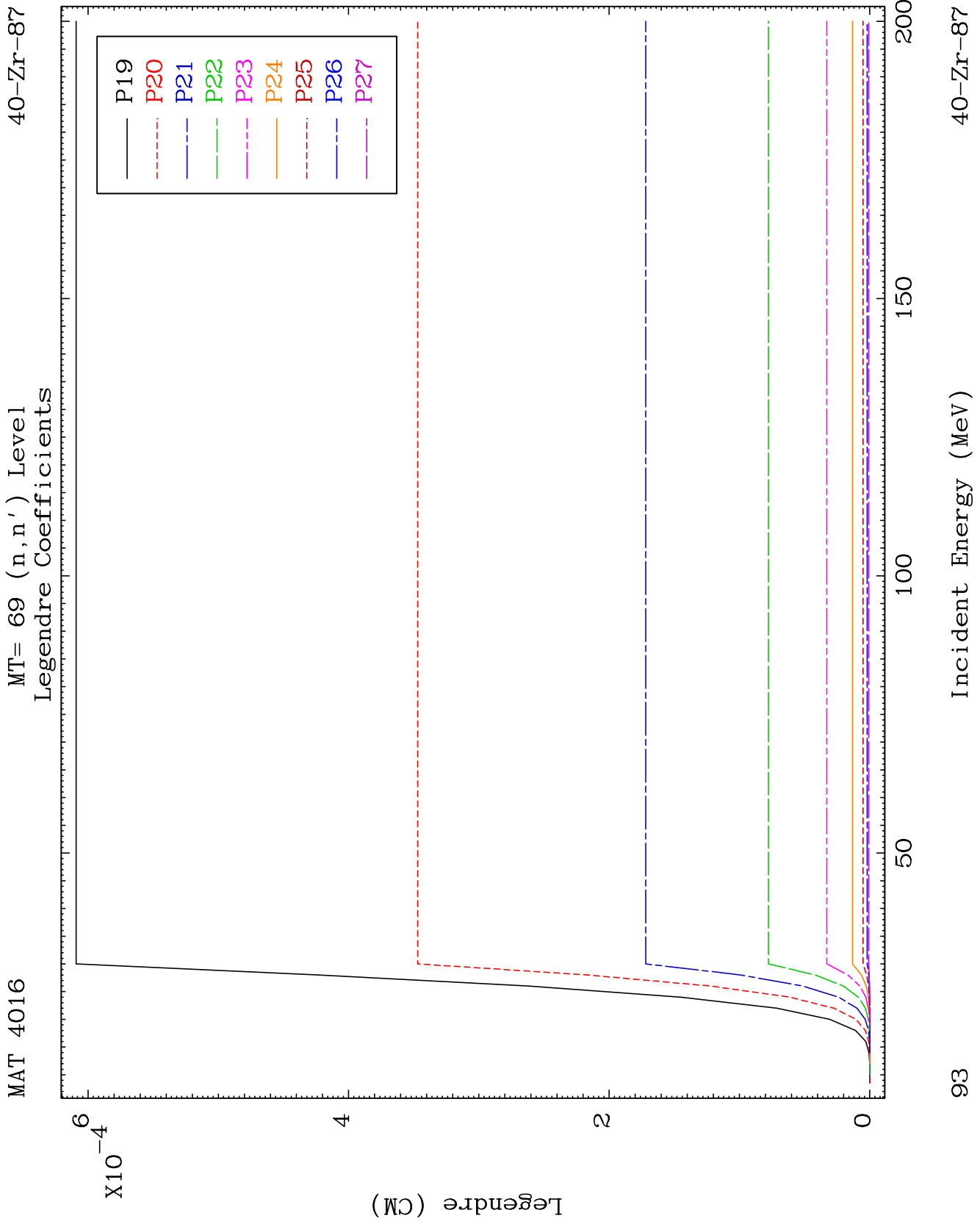
40-Zr-87

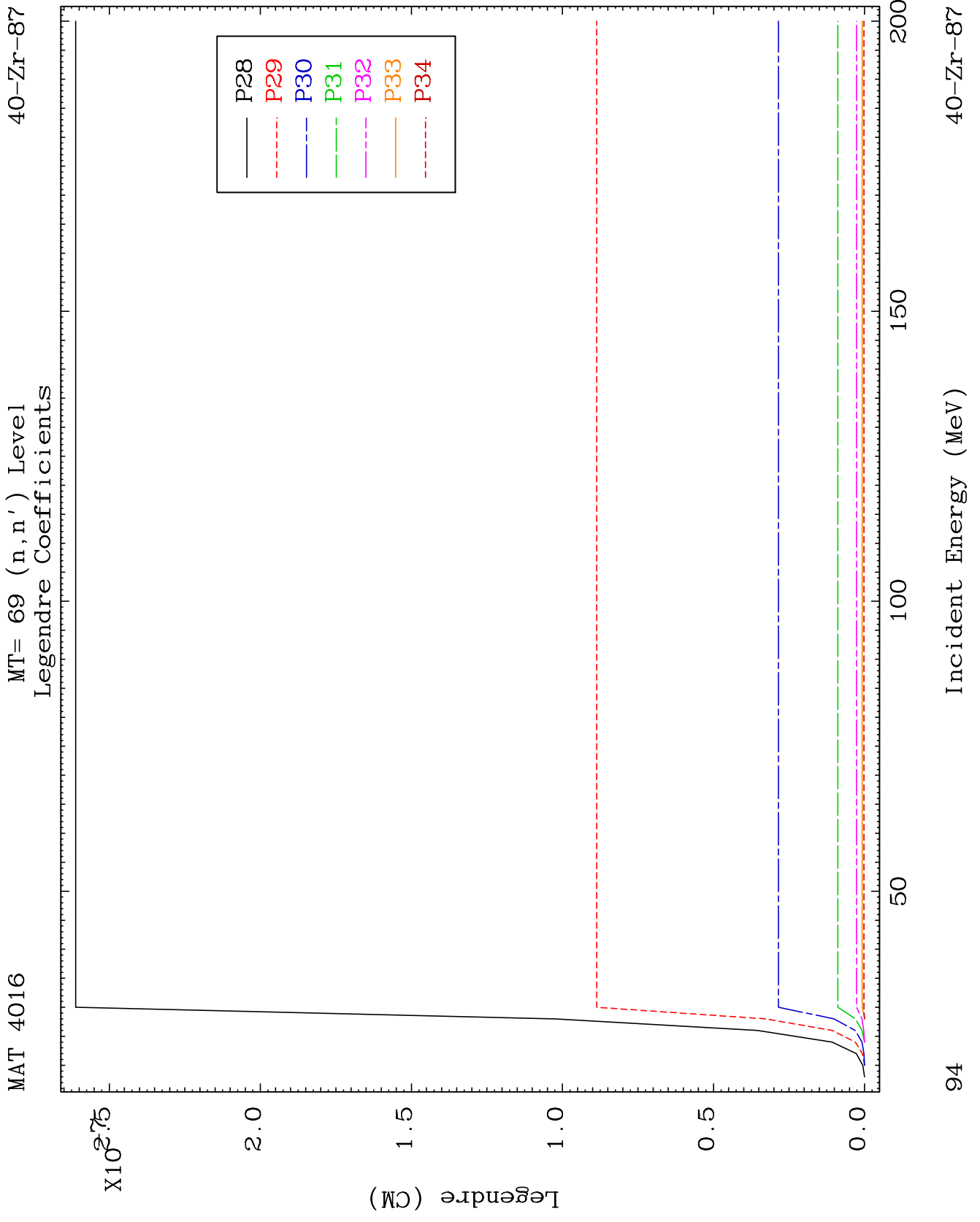


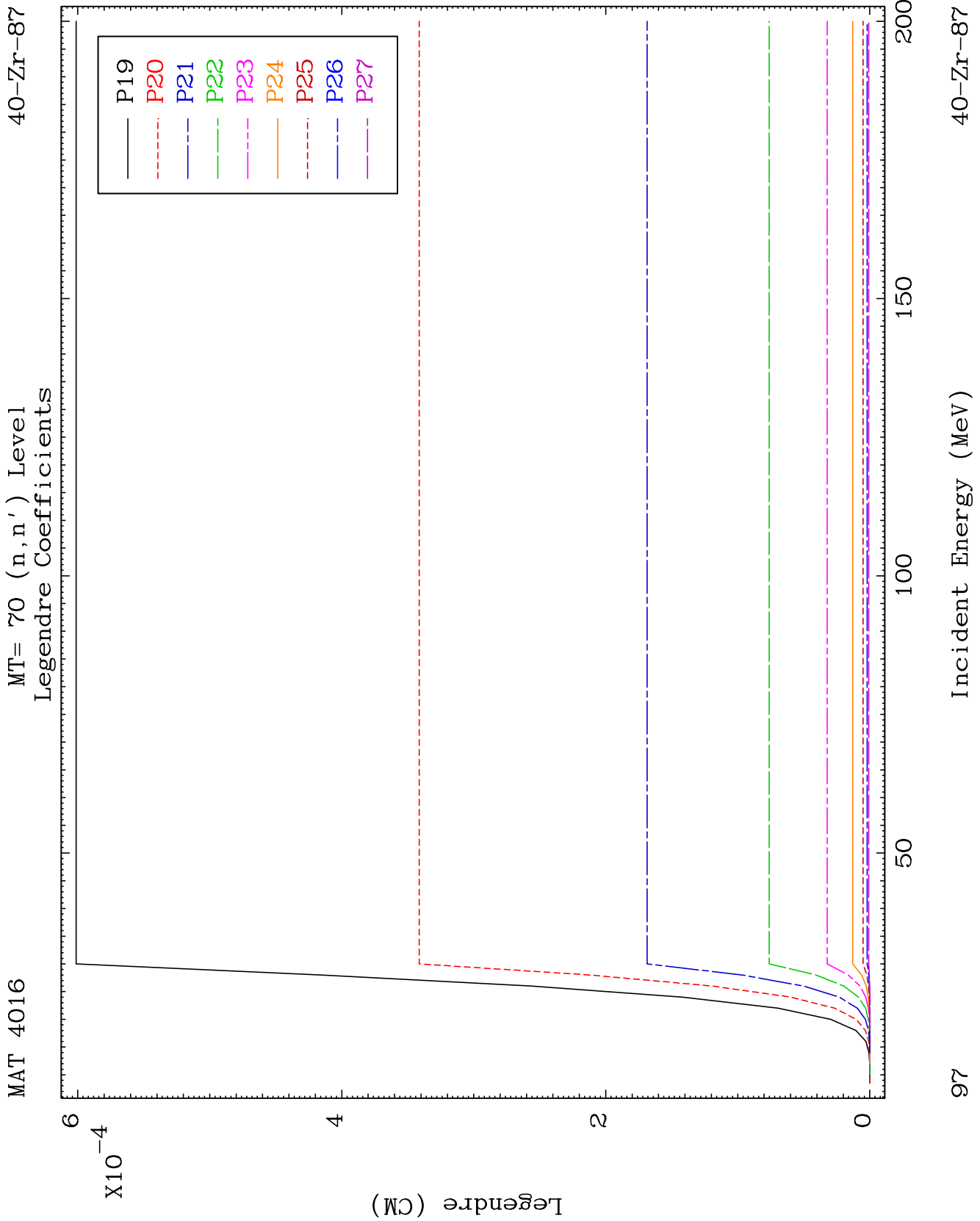
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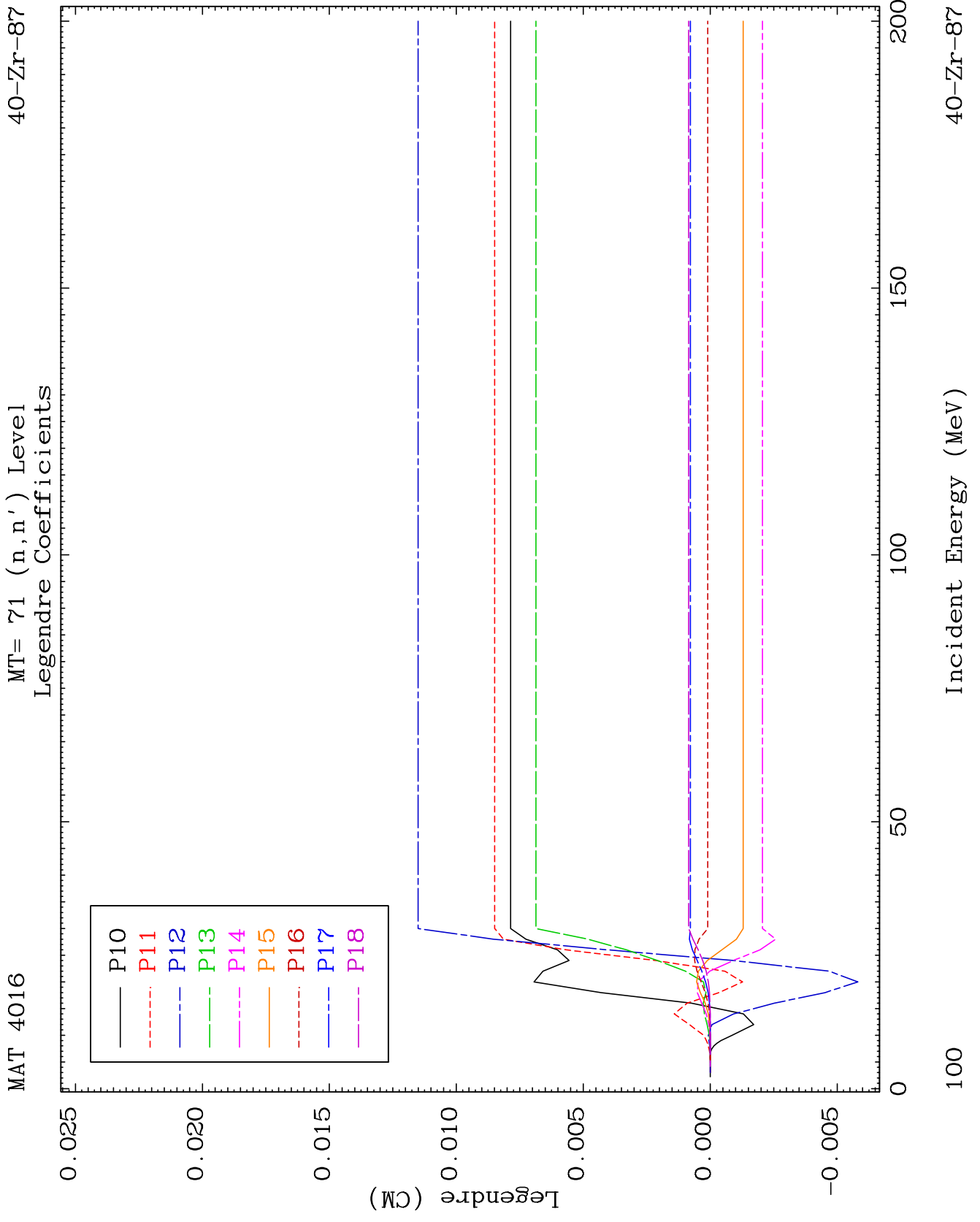
Incident Energy (MeV)

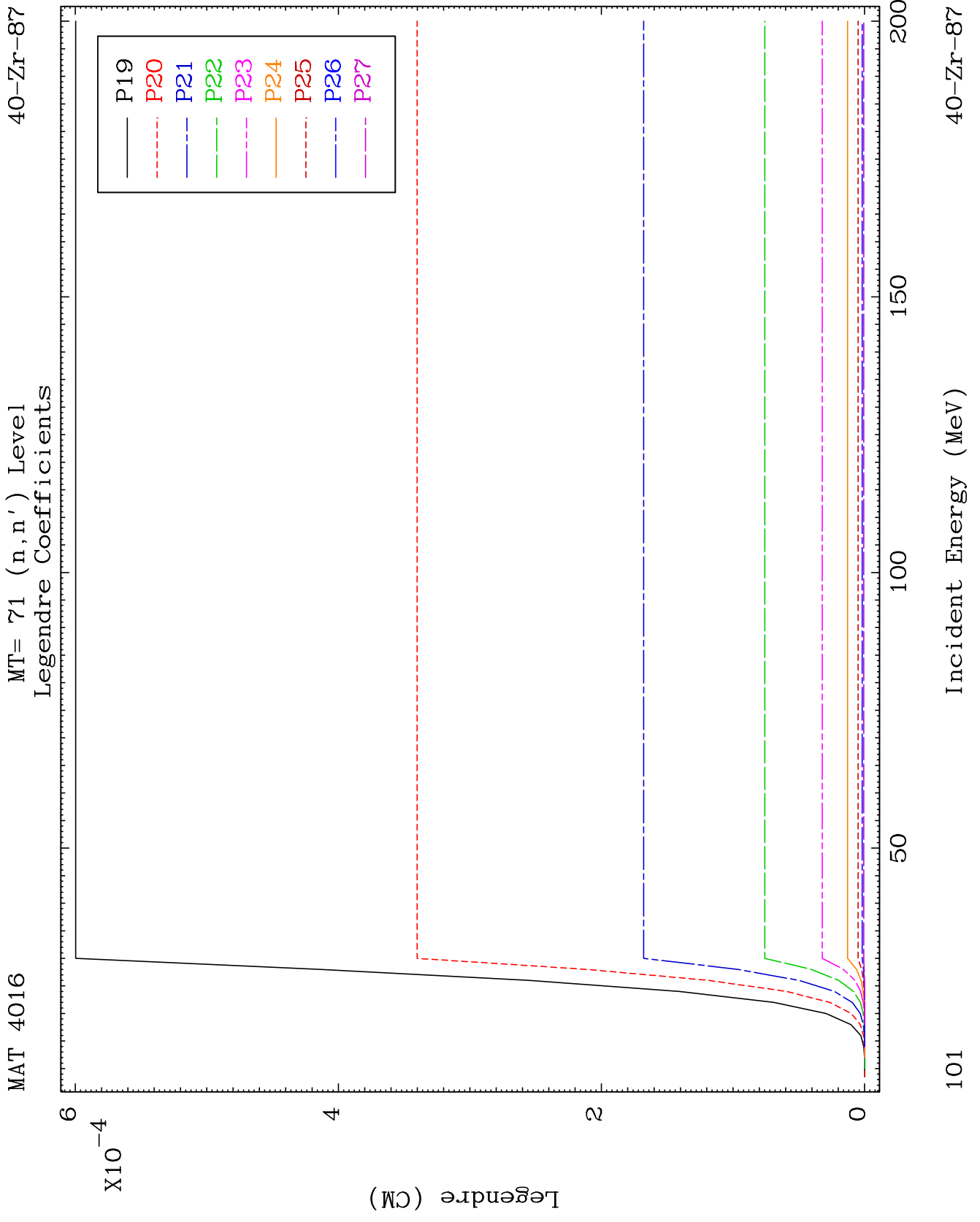
40-Zr-87

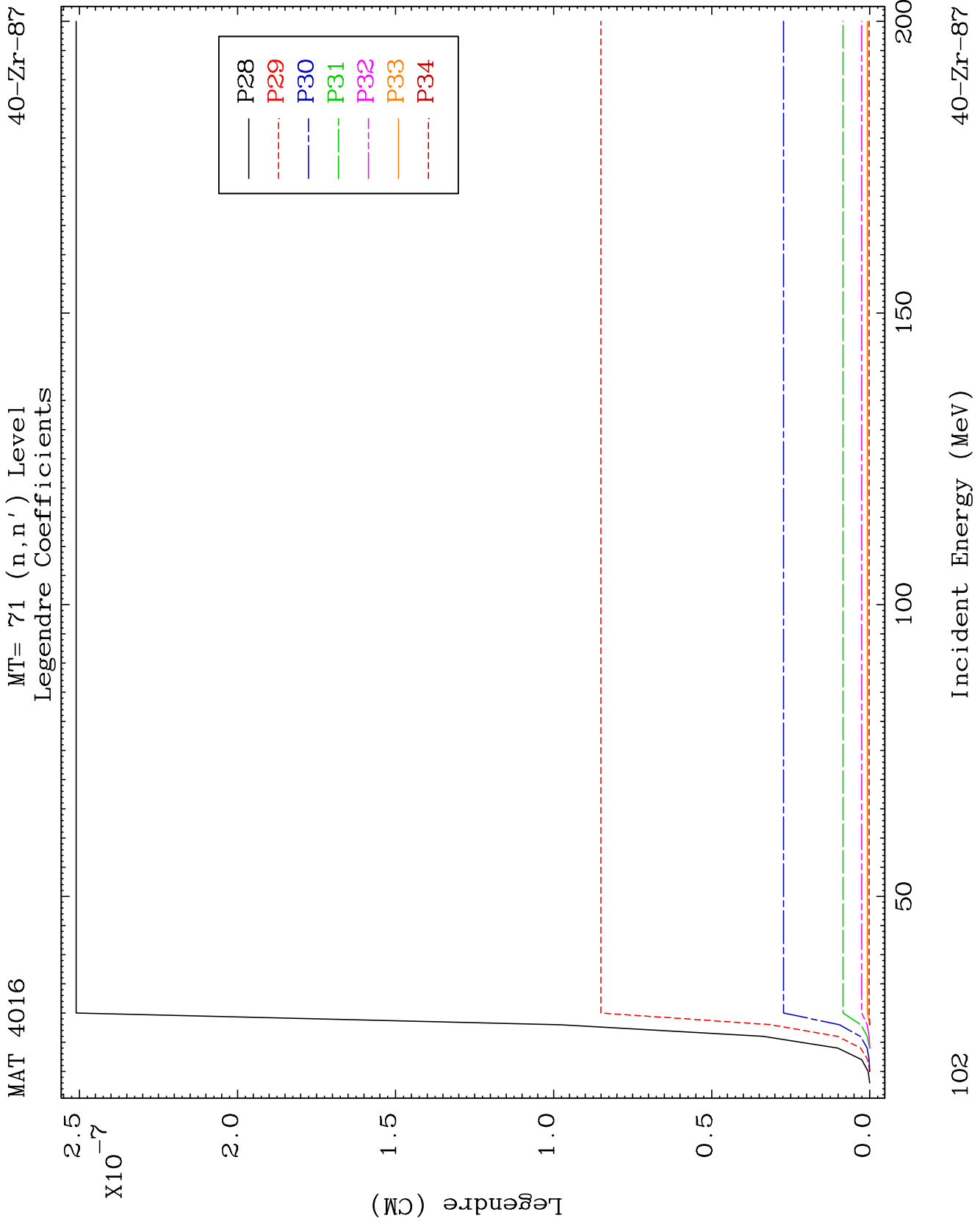


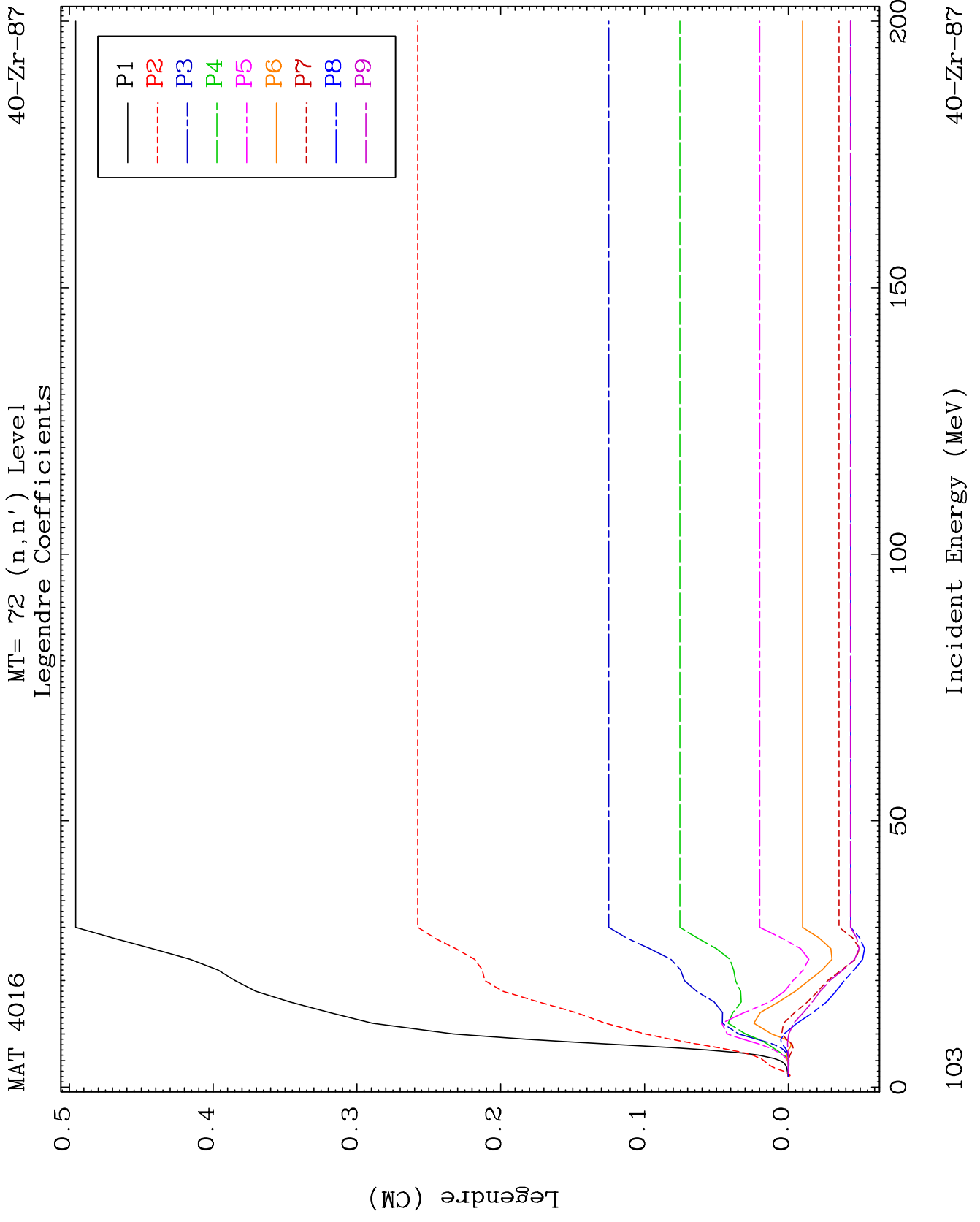


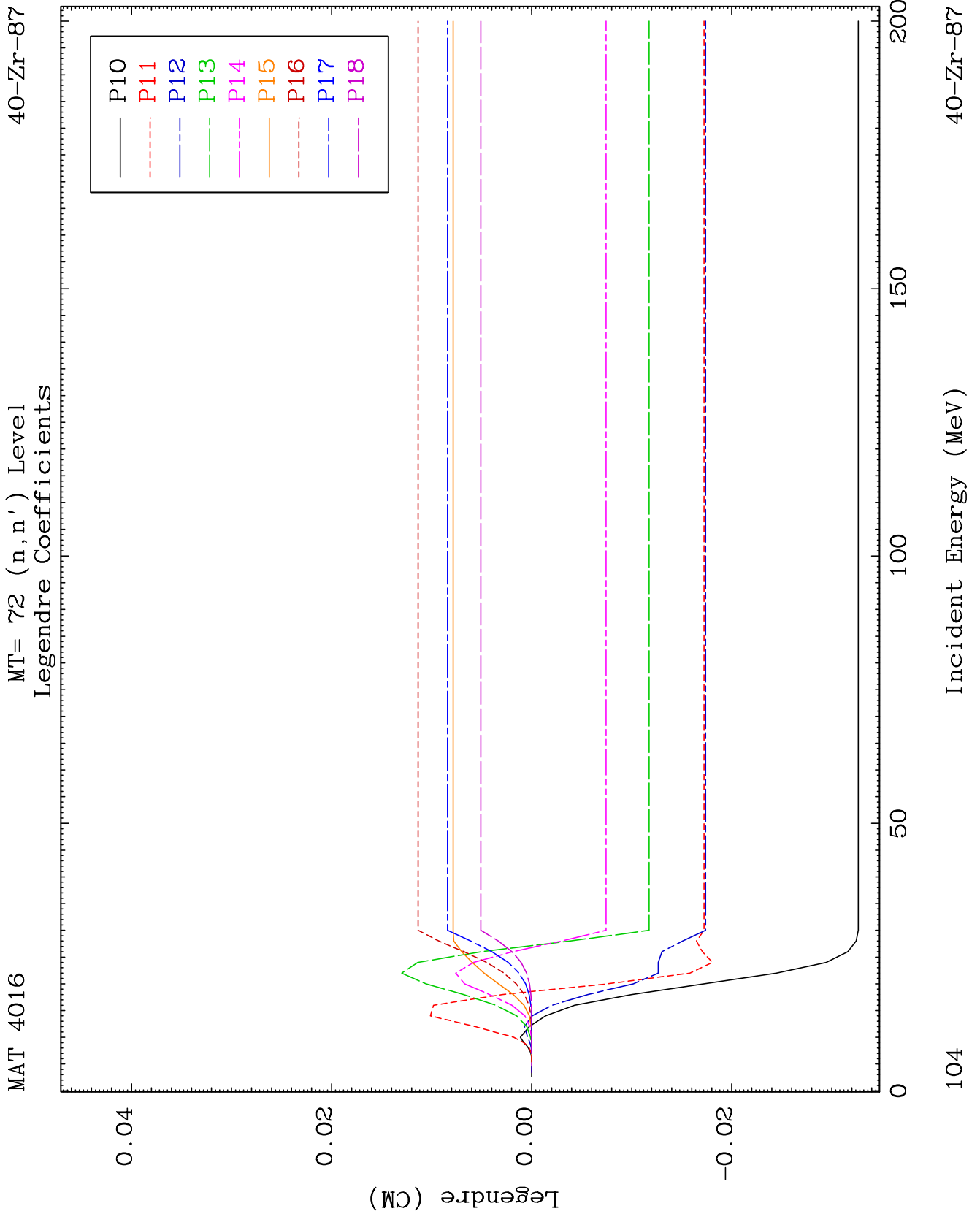


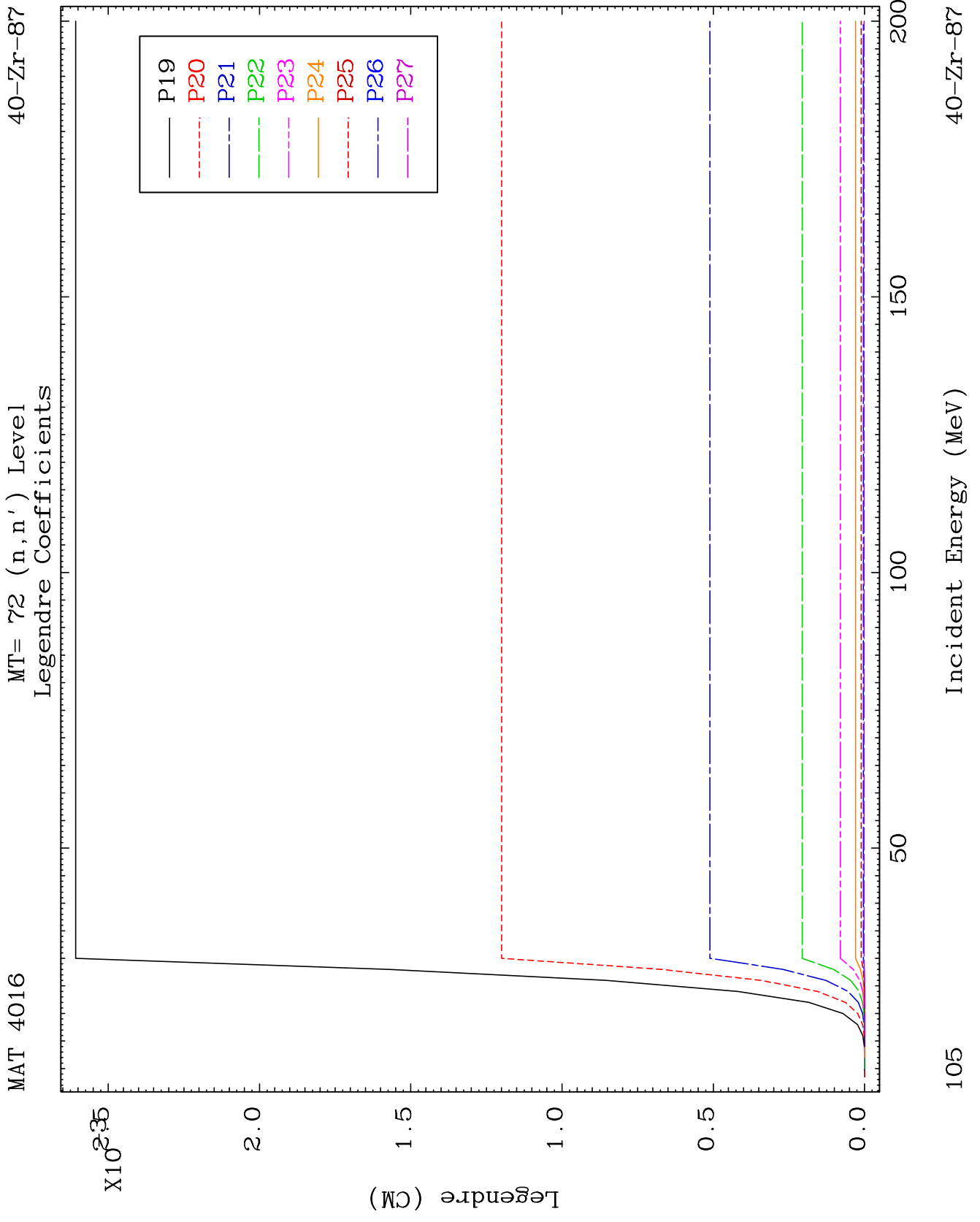


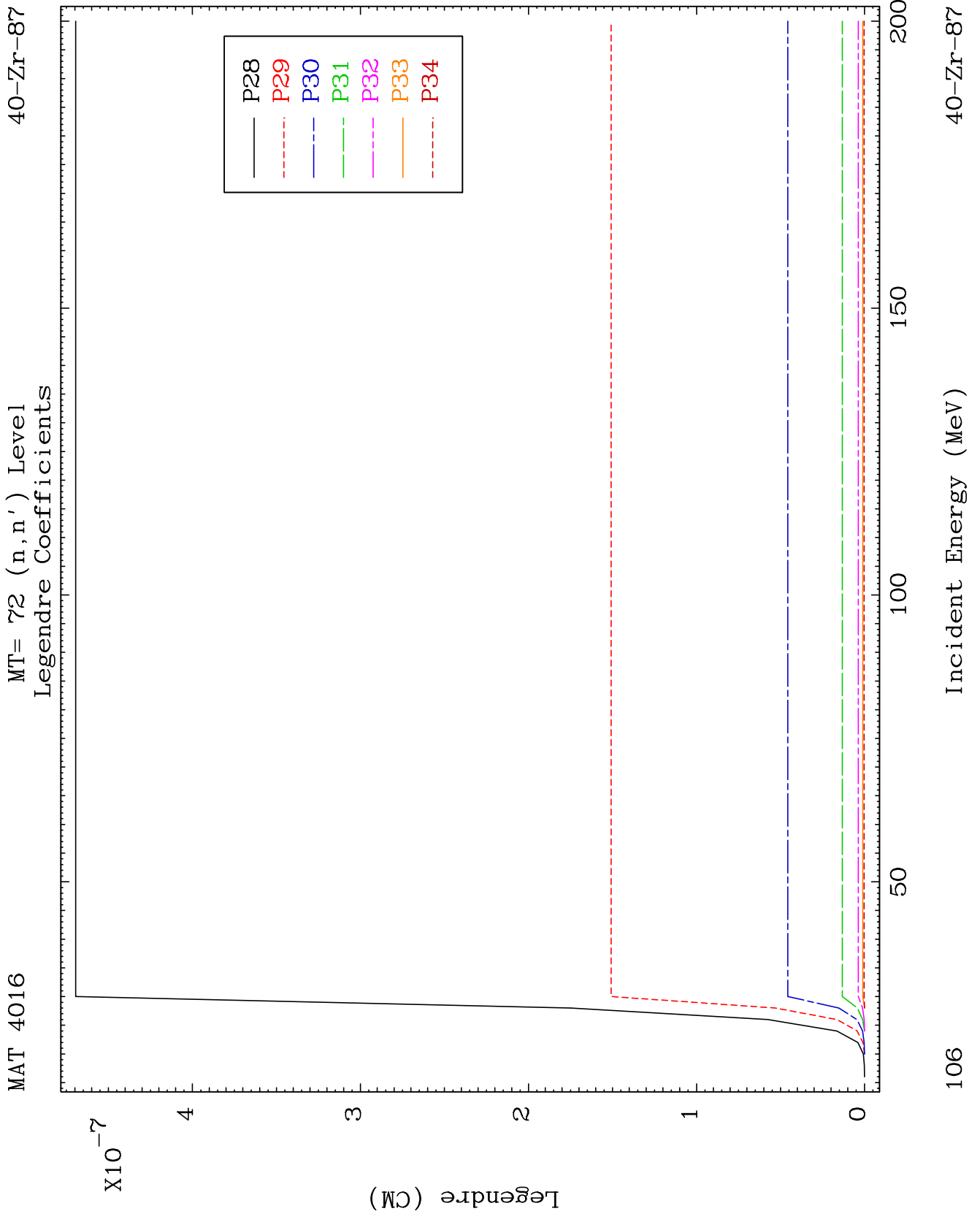


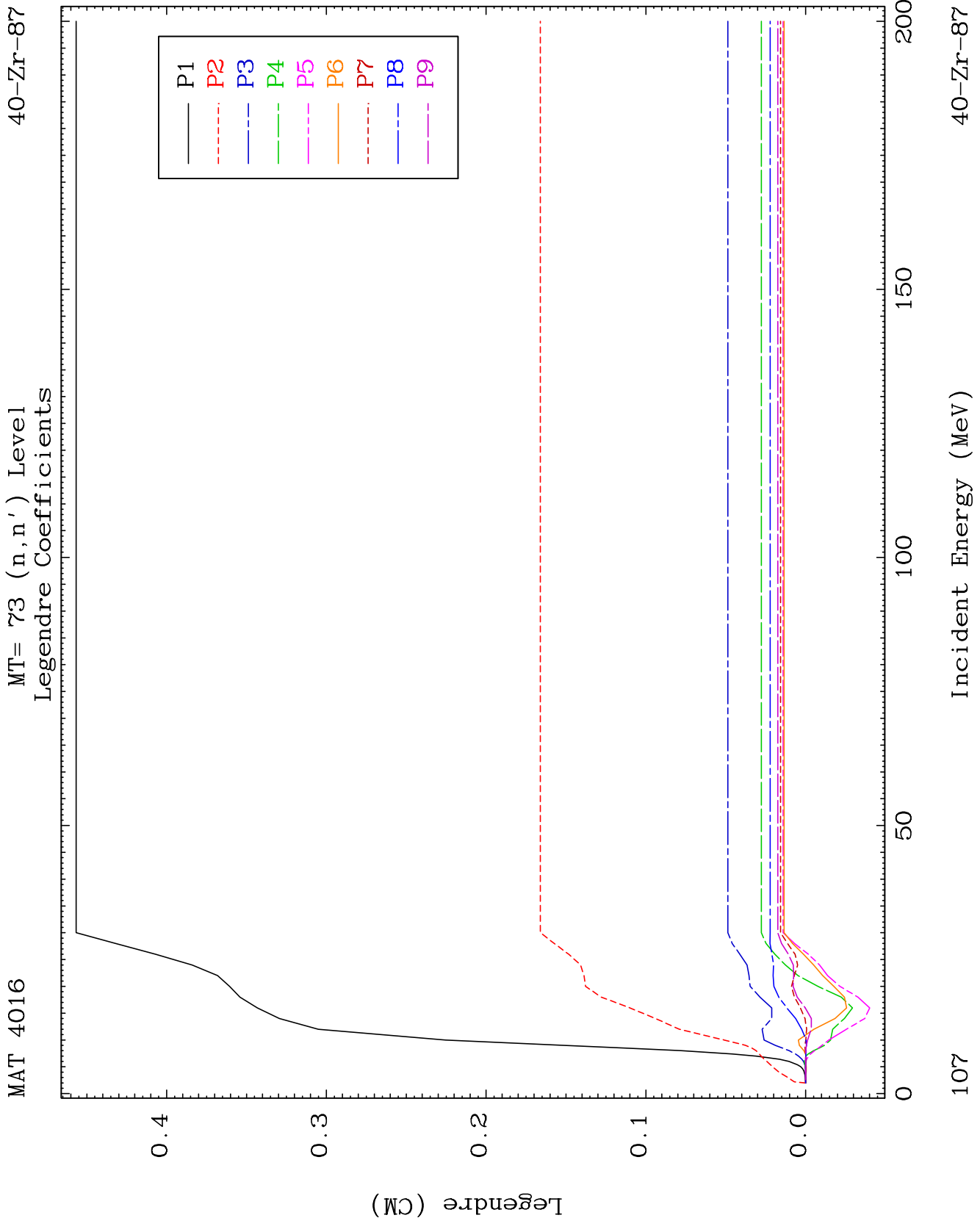


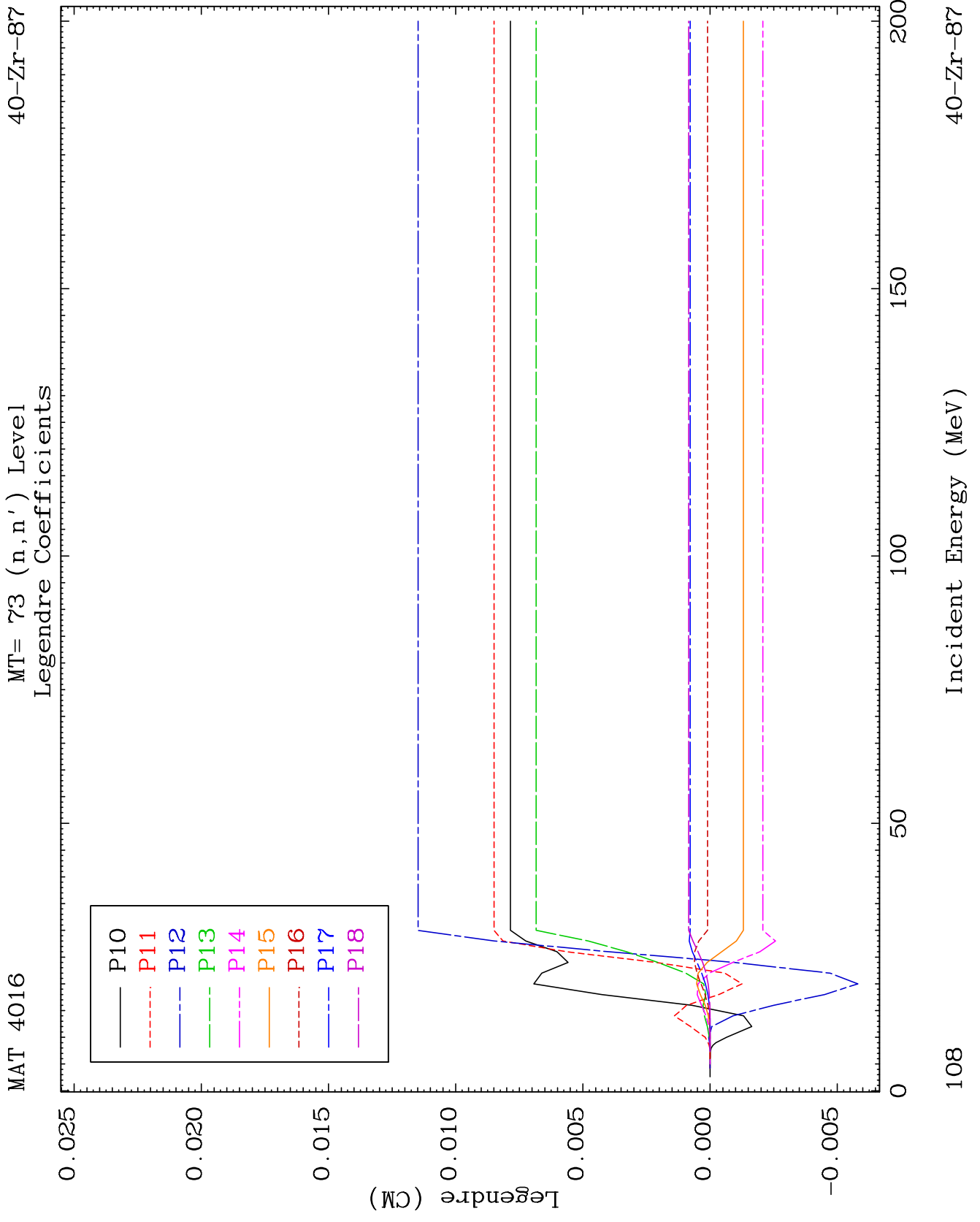


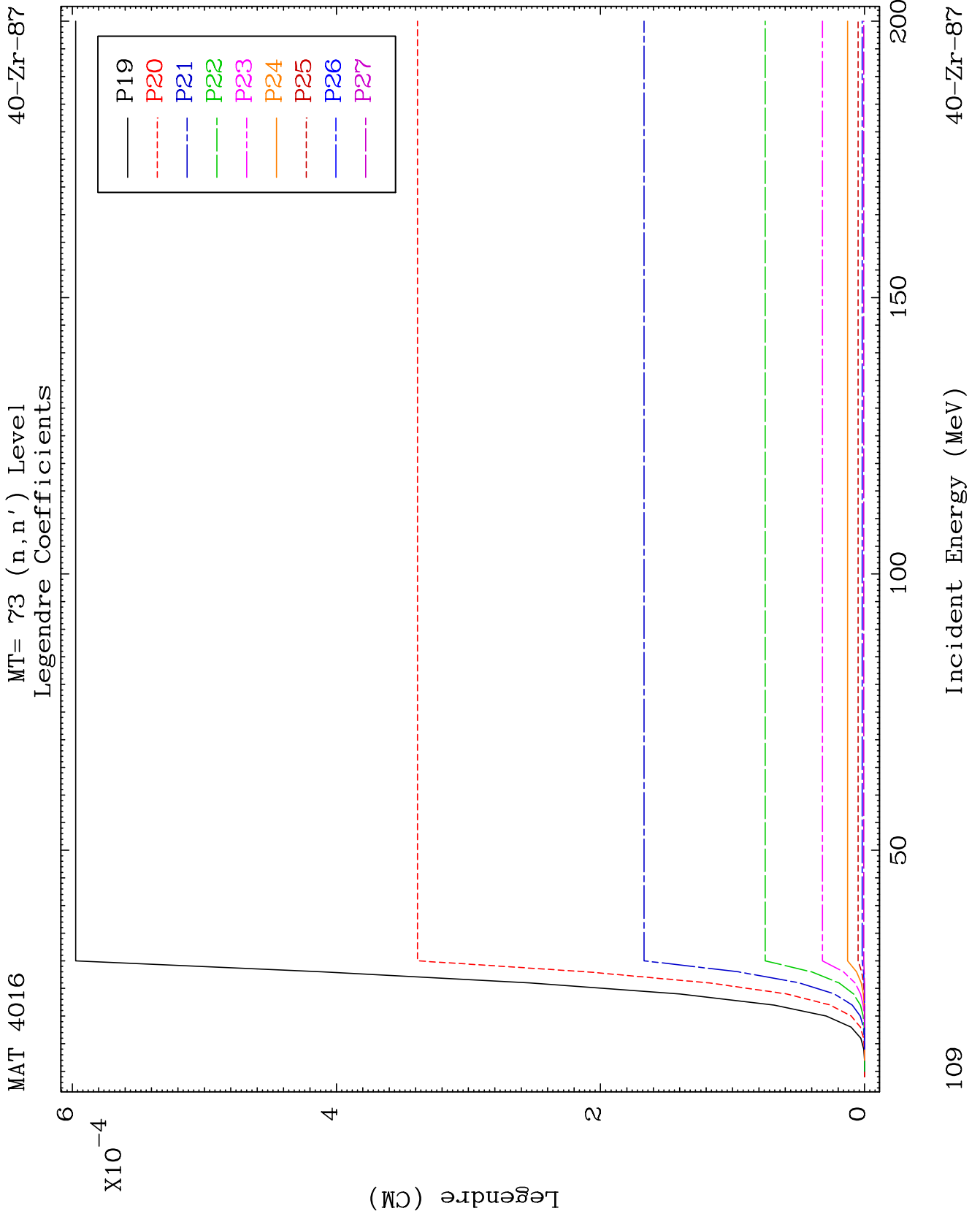


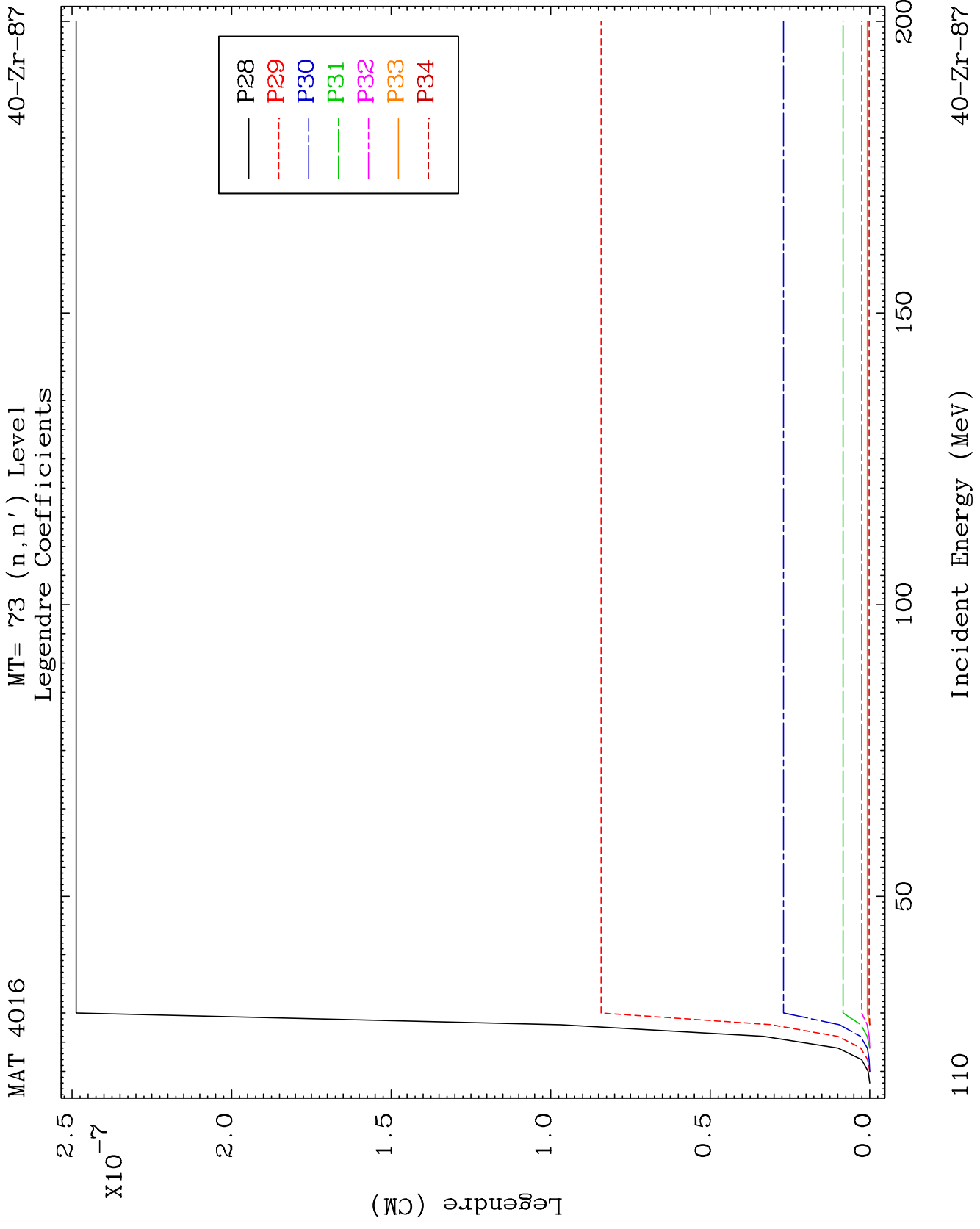


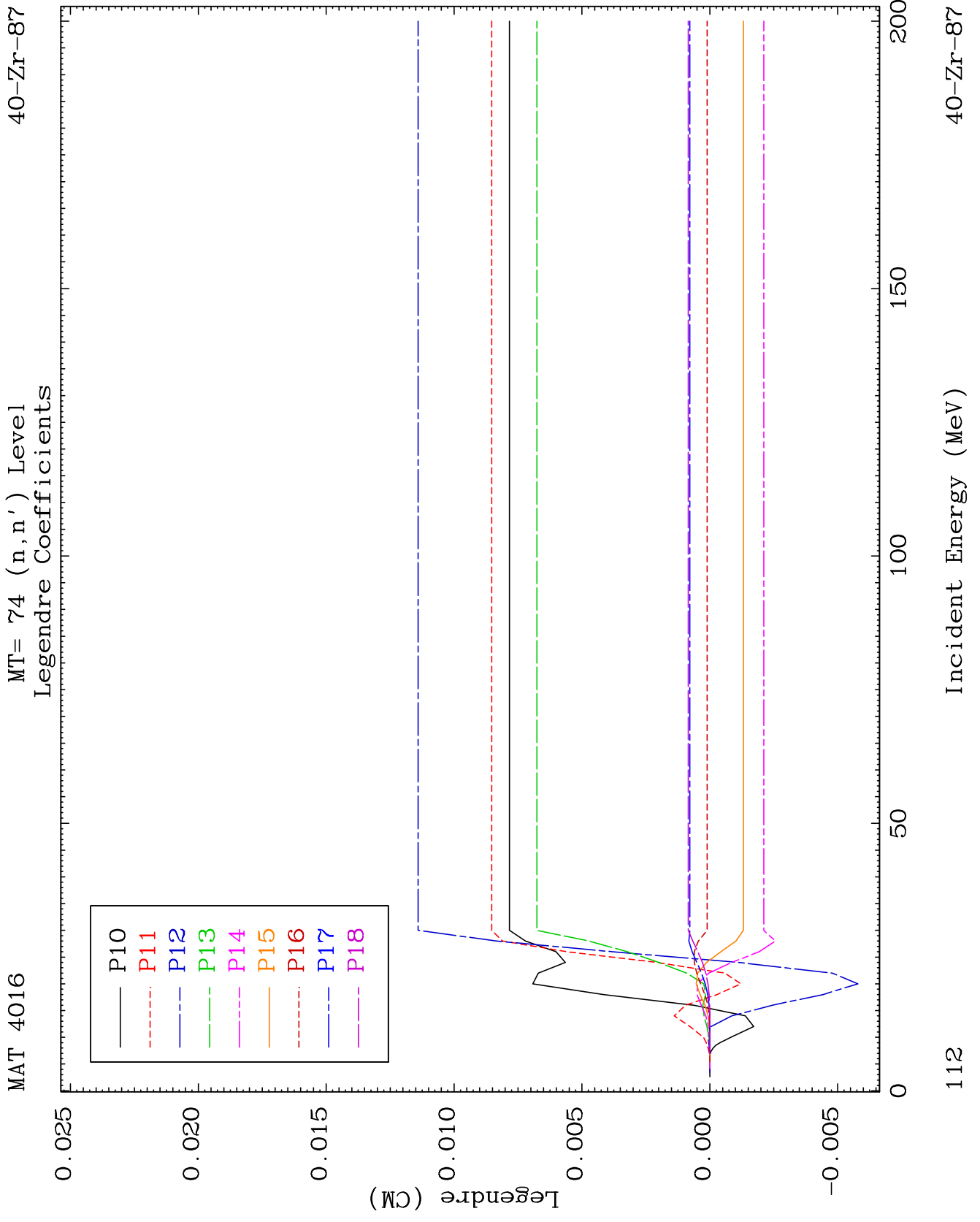


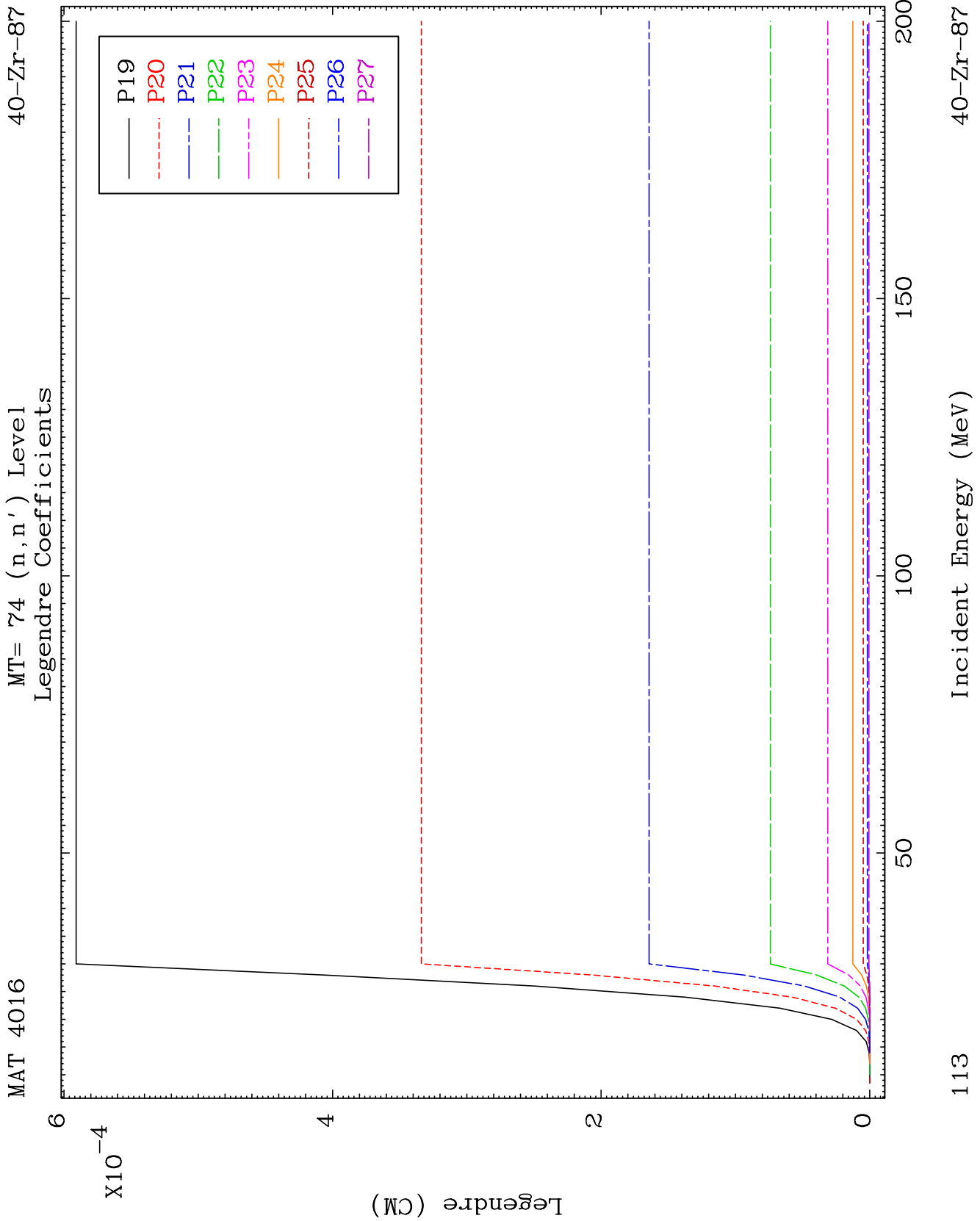


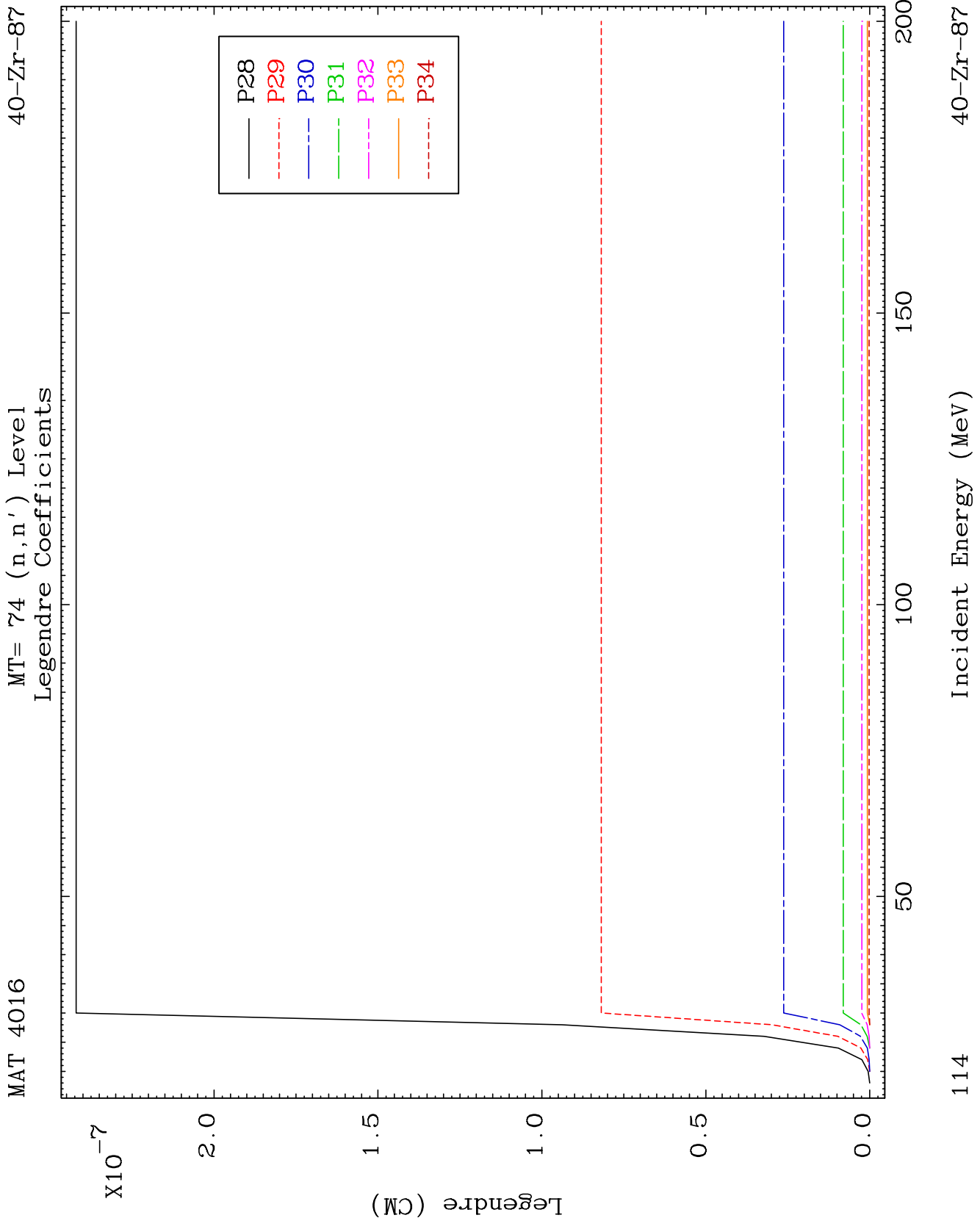


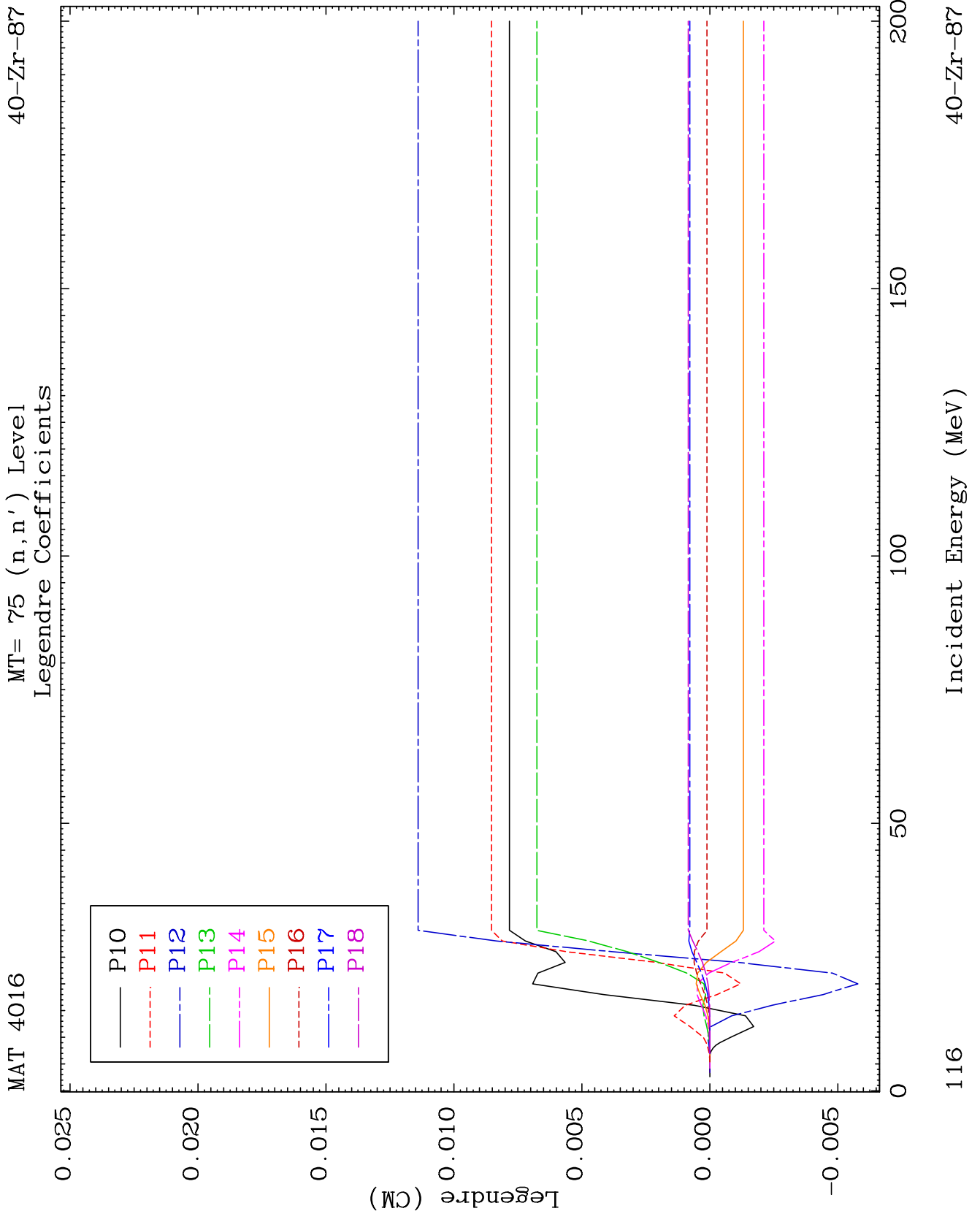


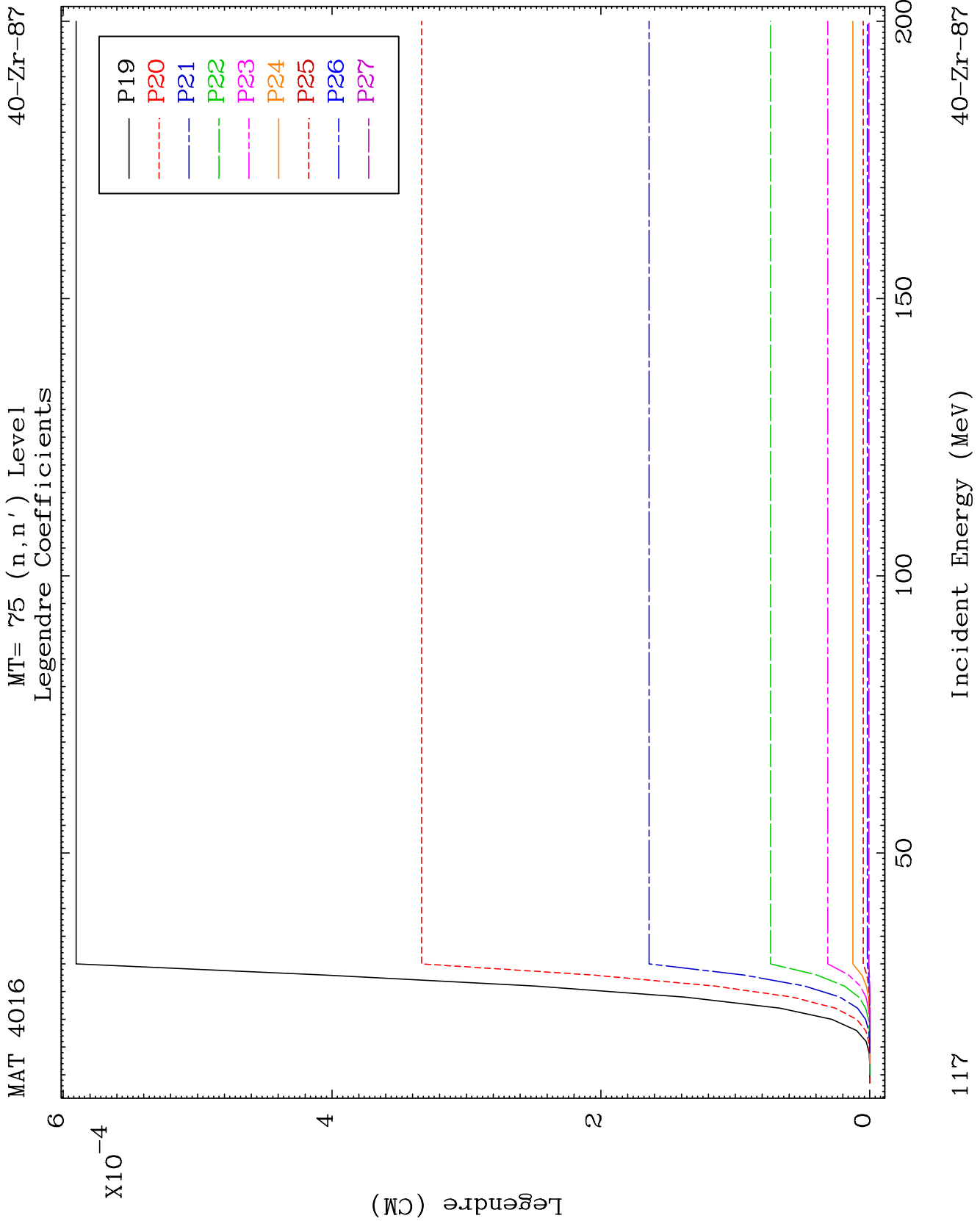


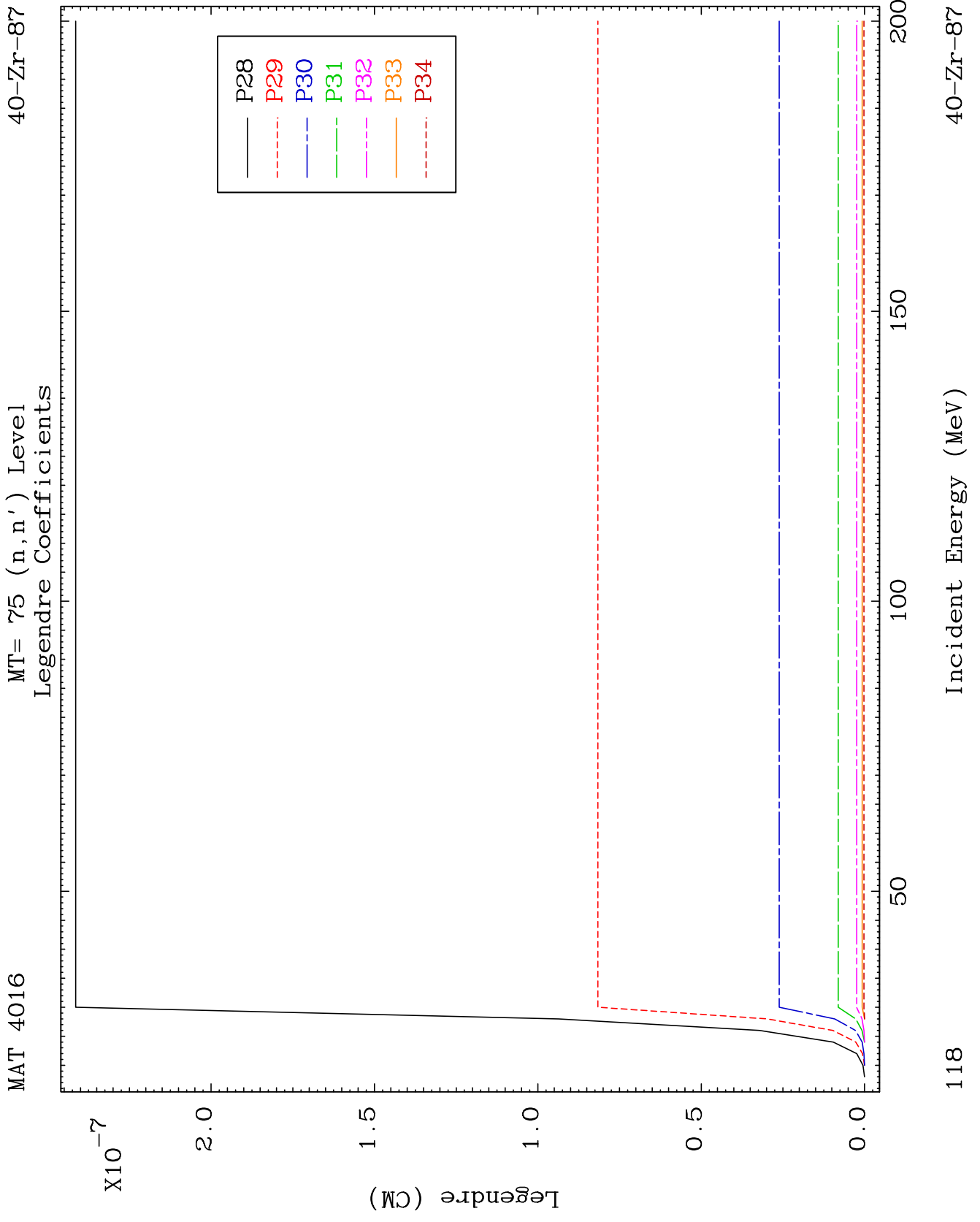


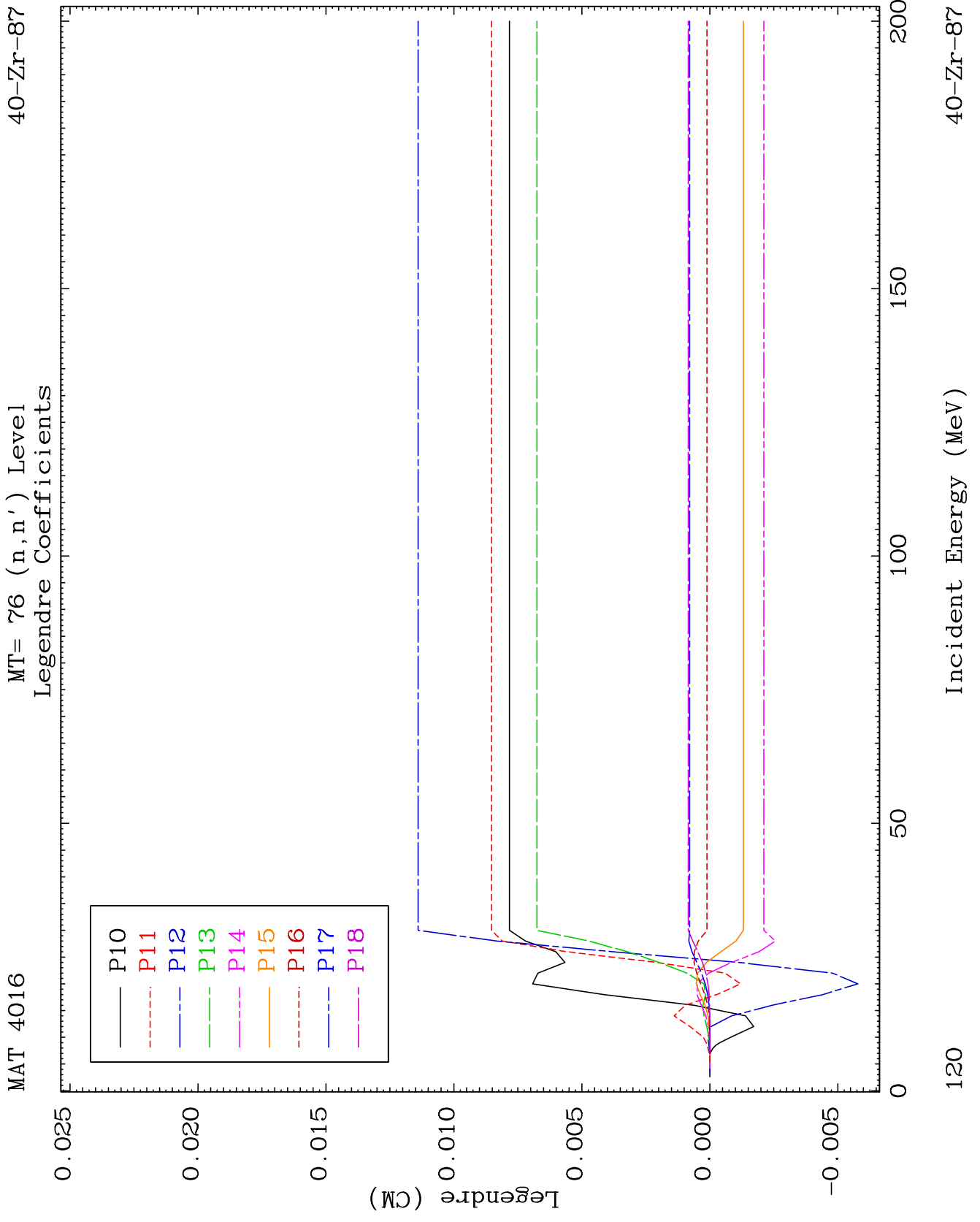


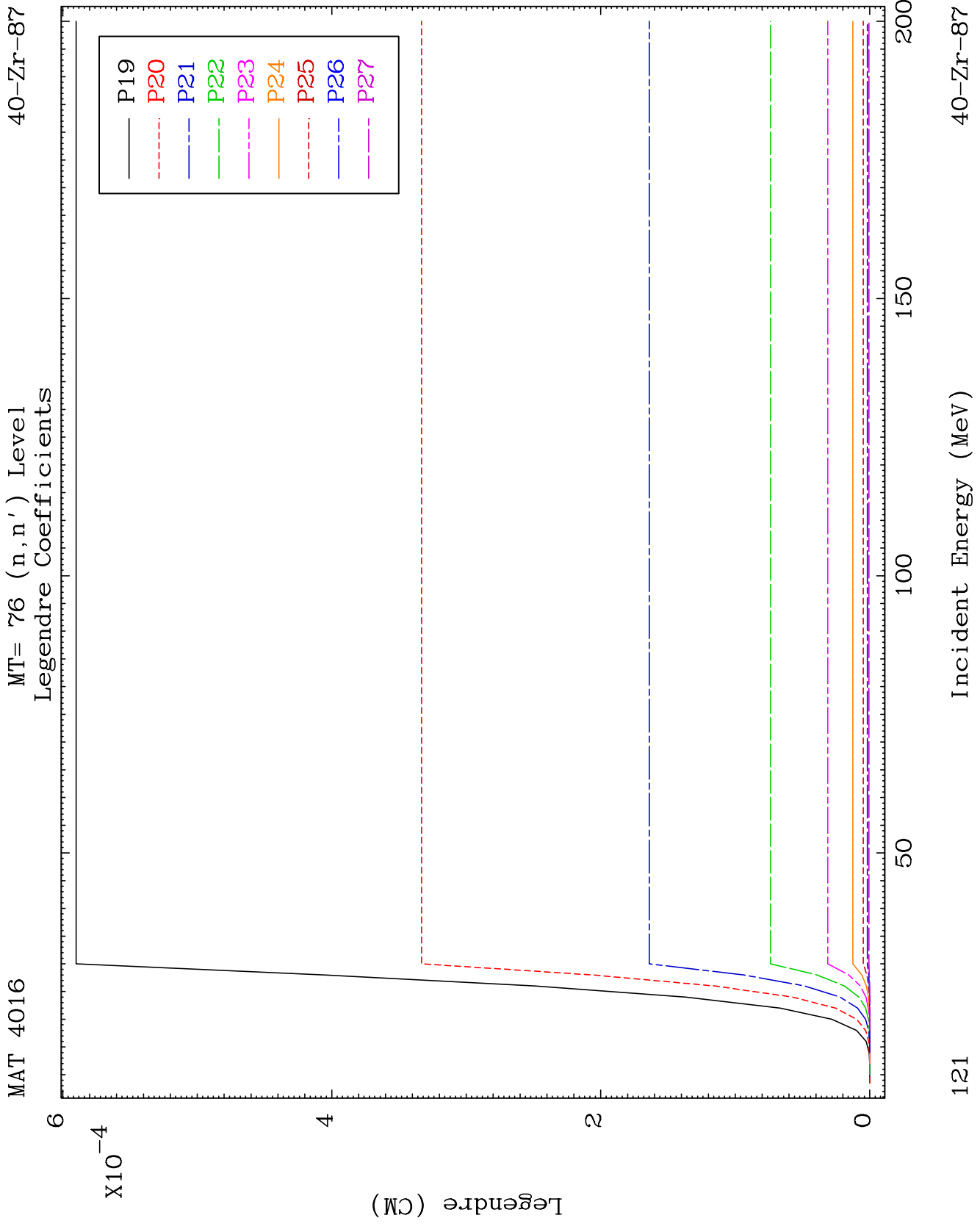


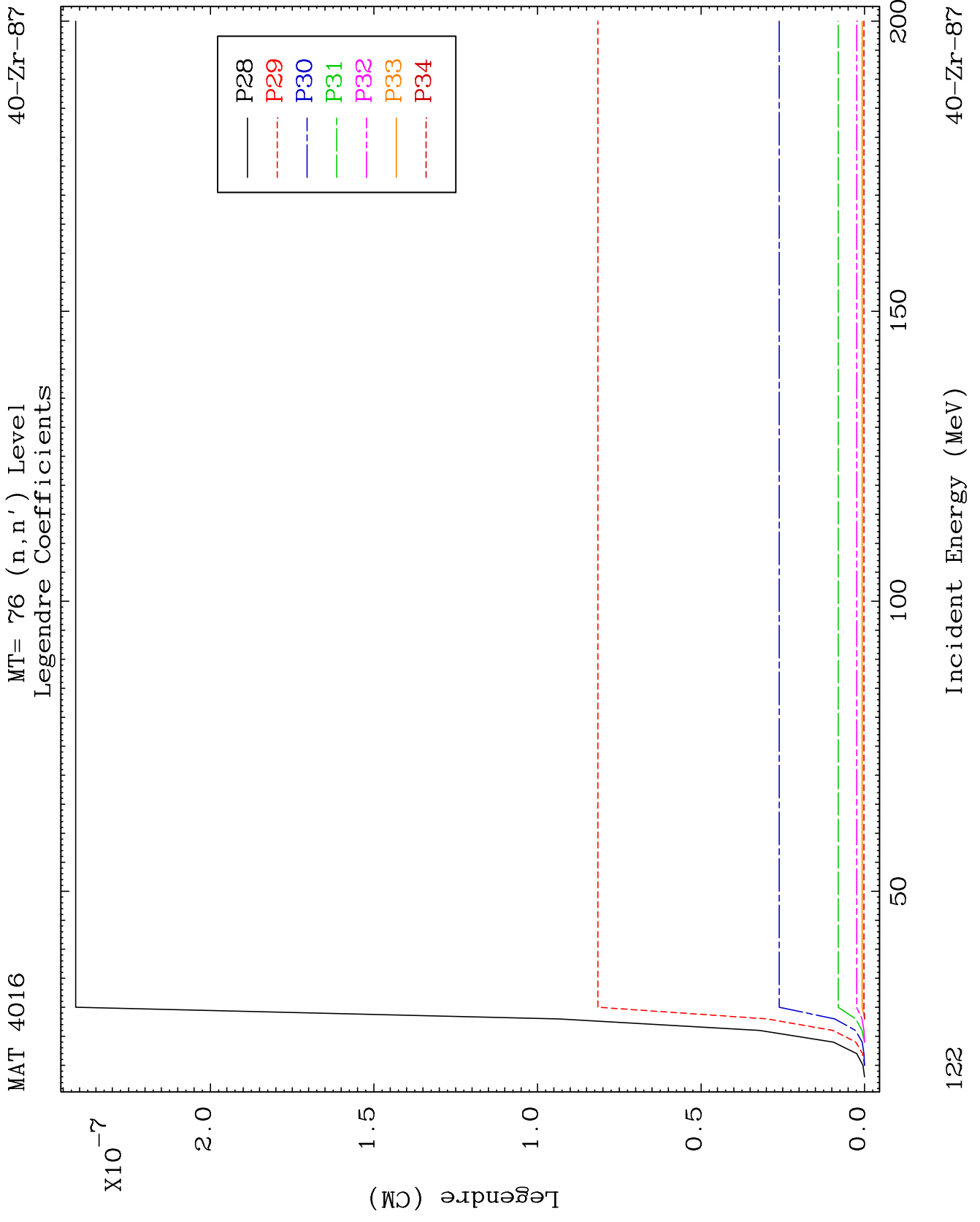


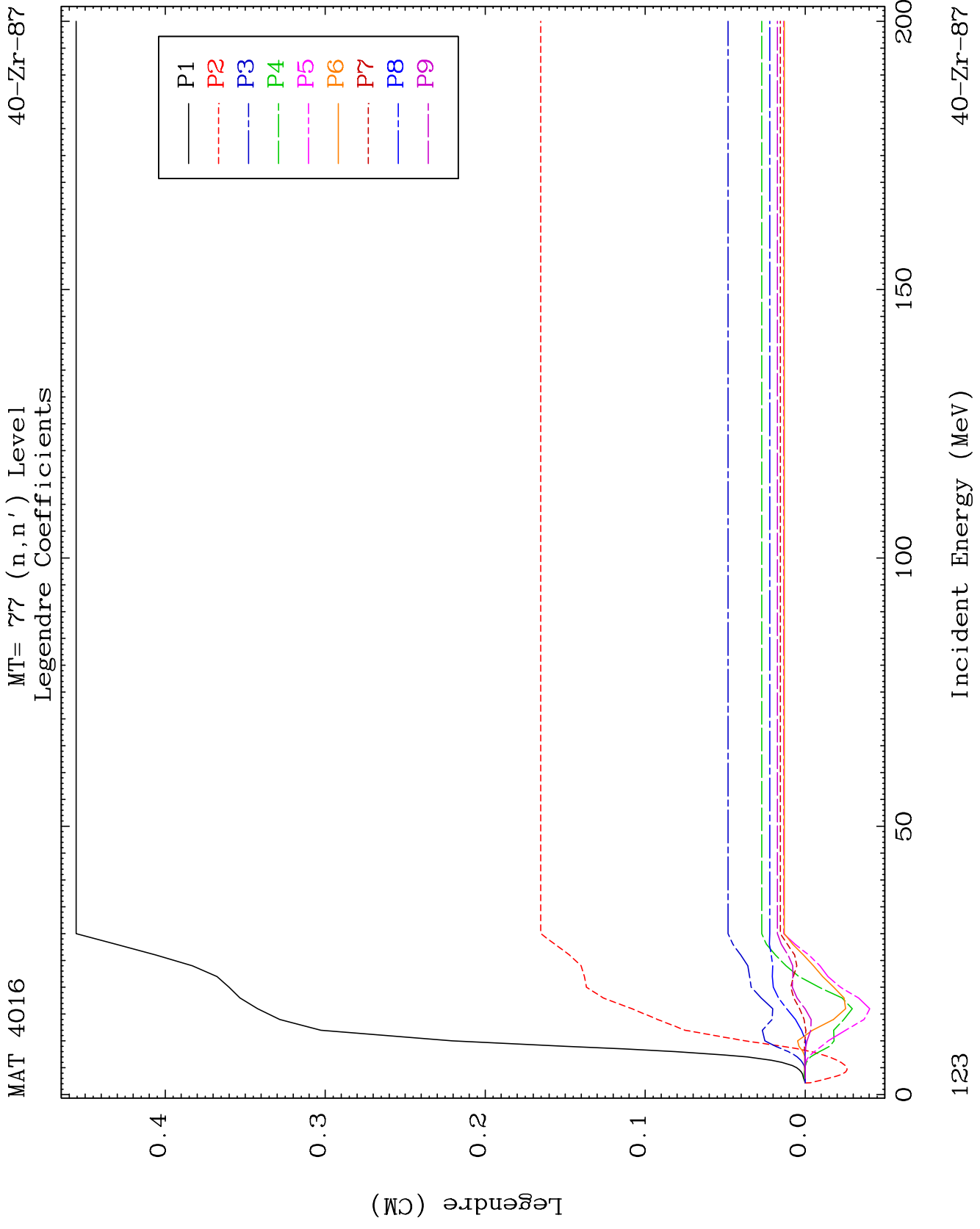


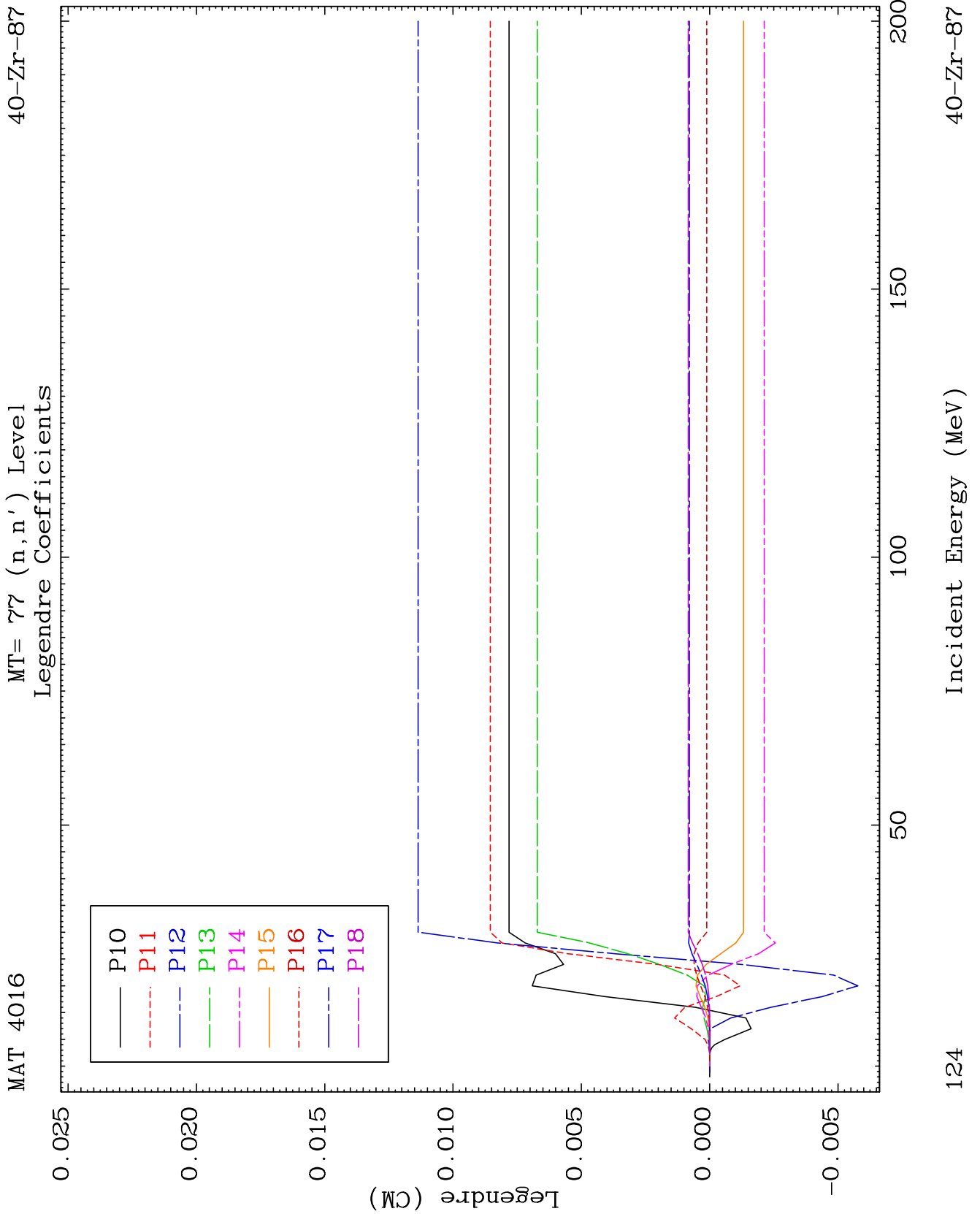


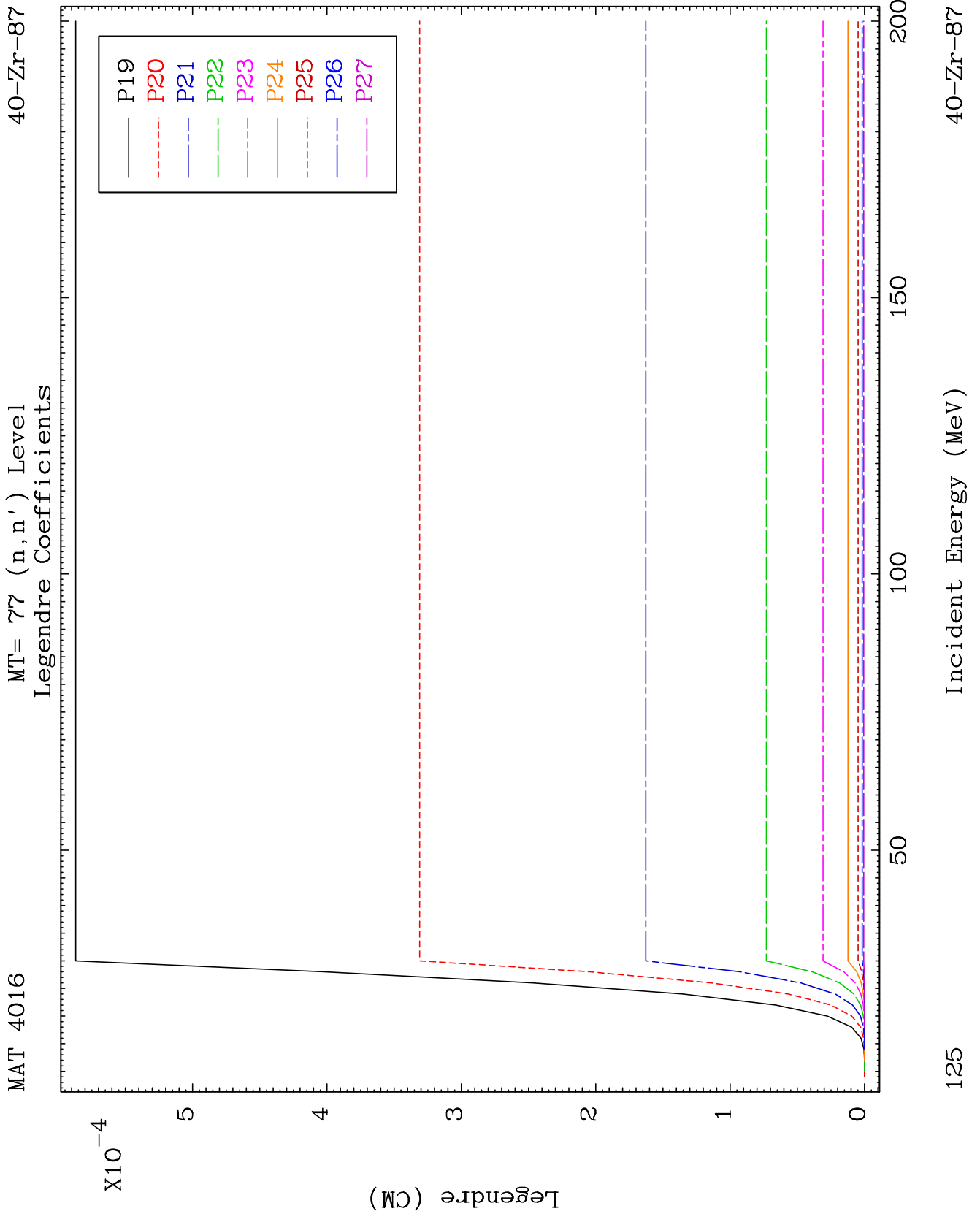


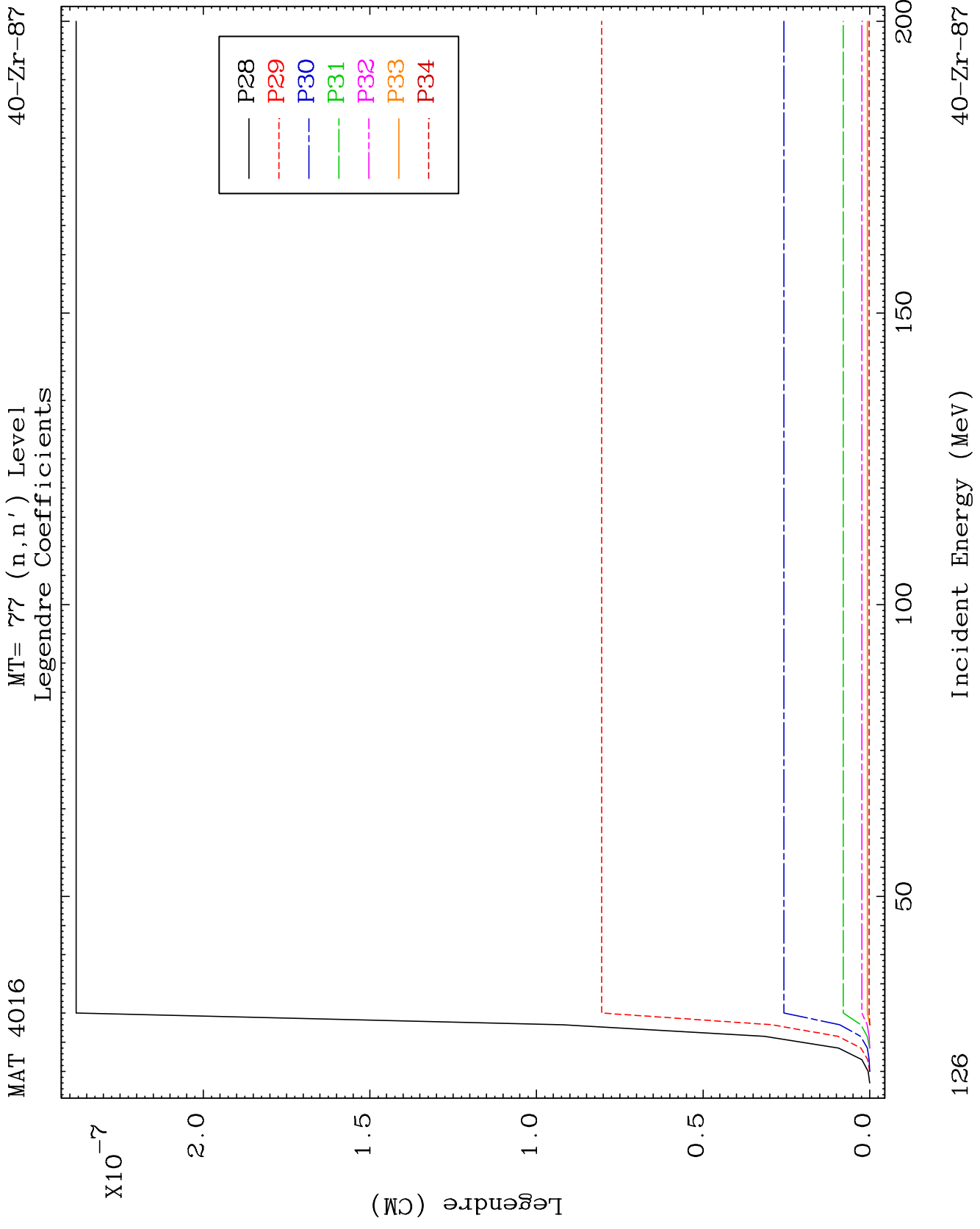


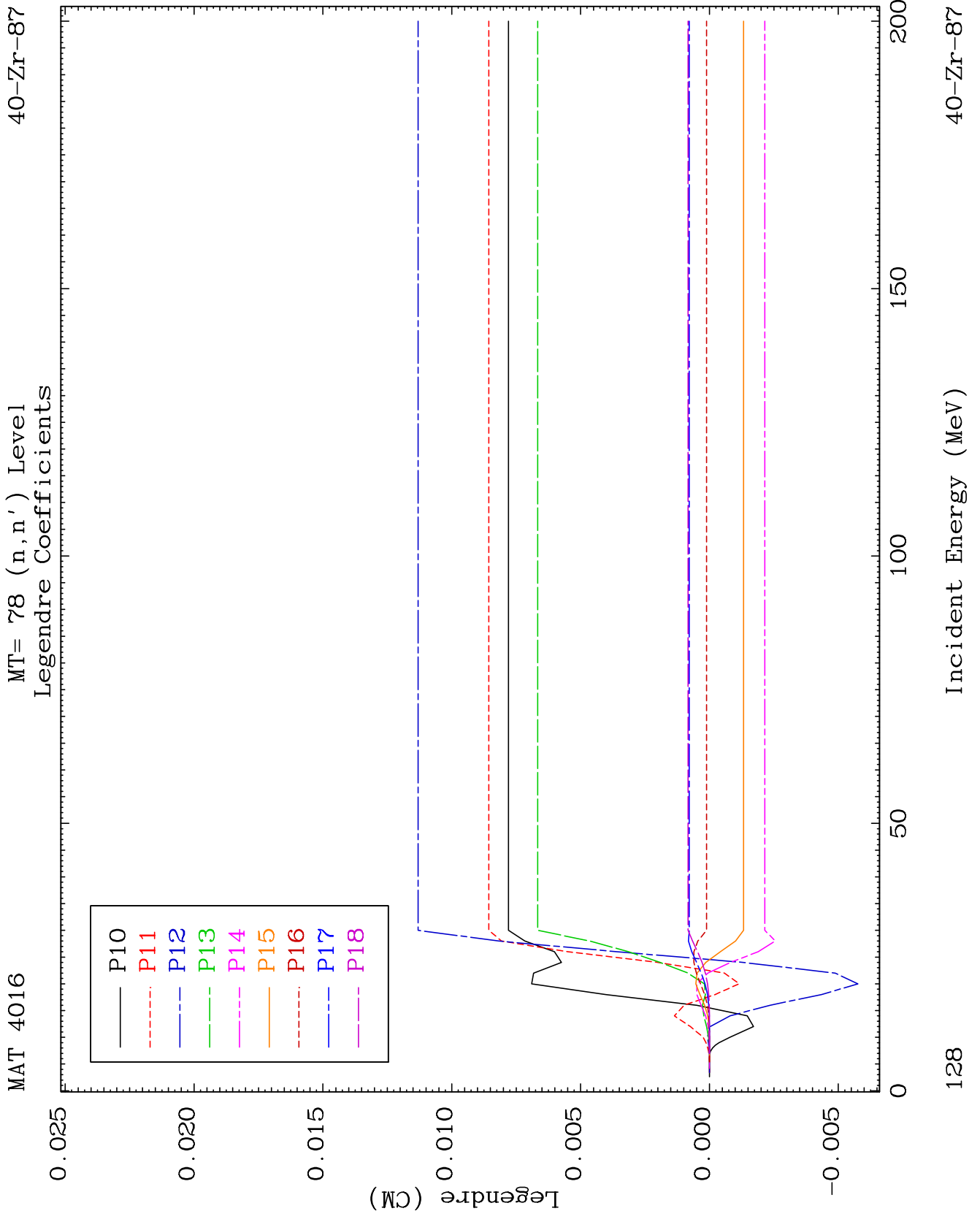


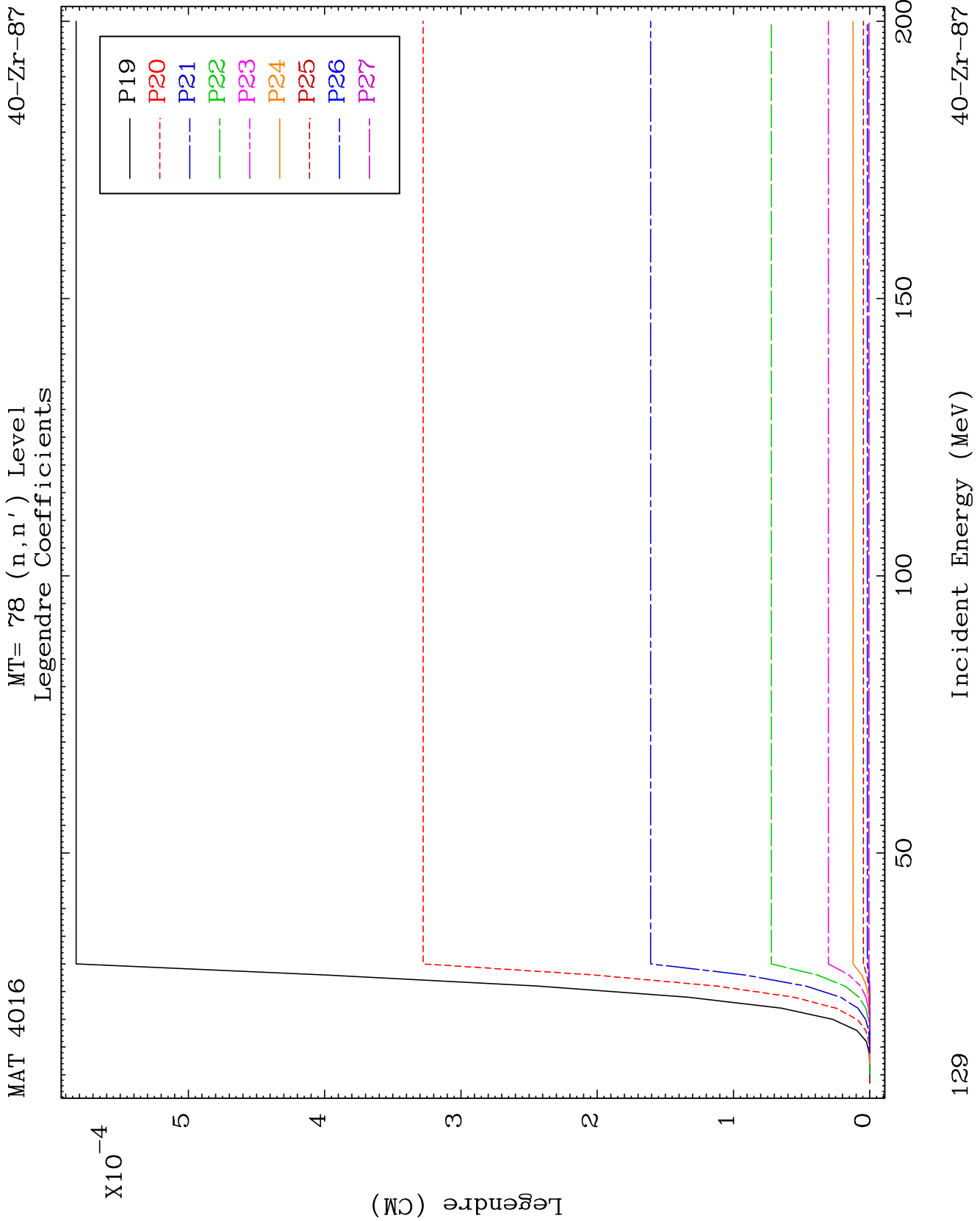


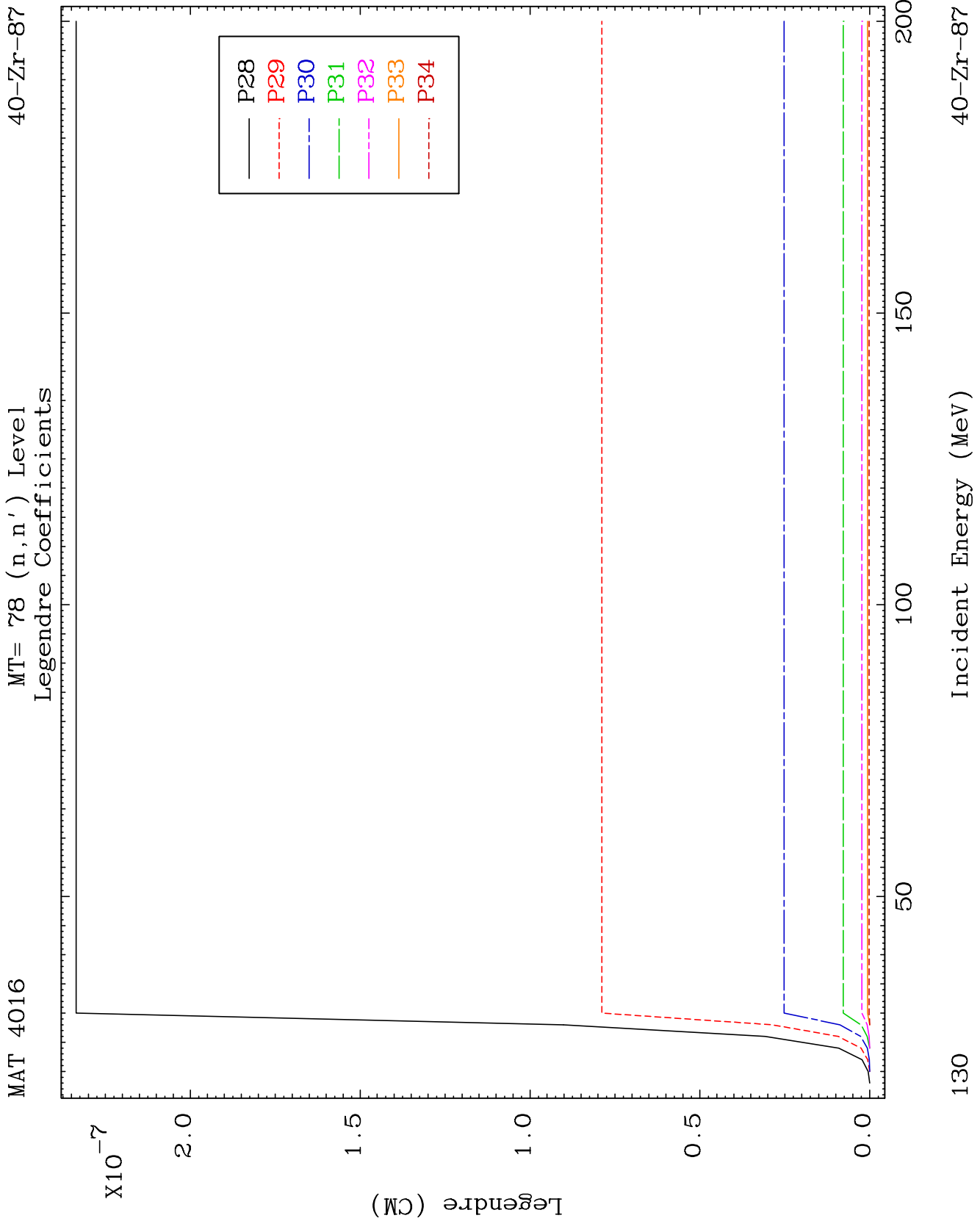








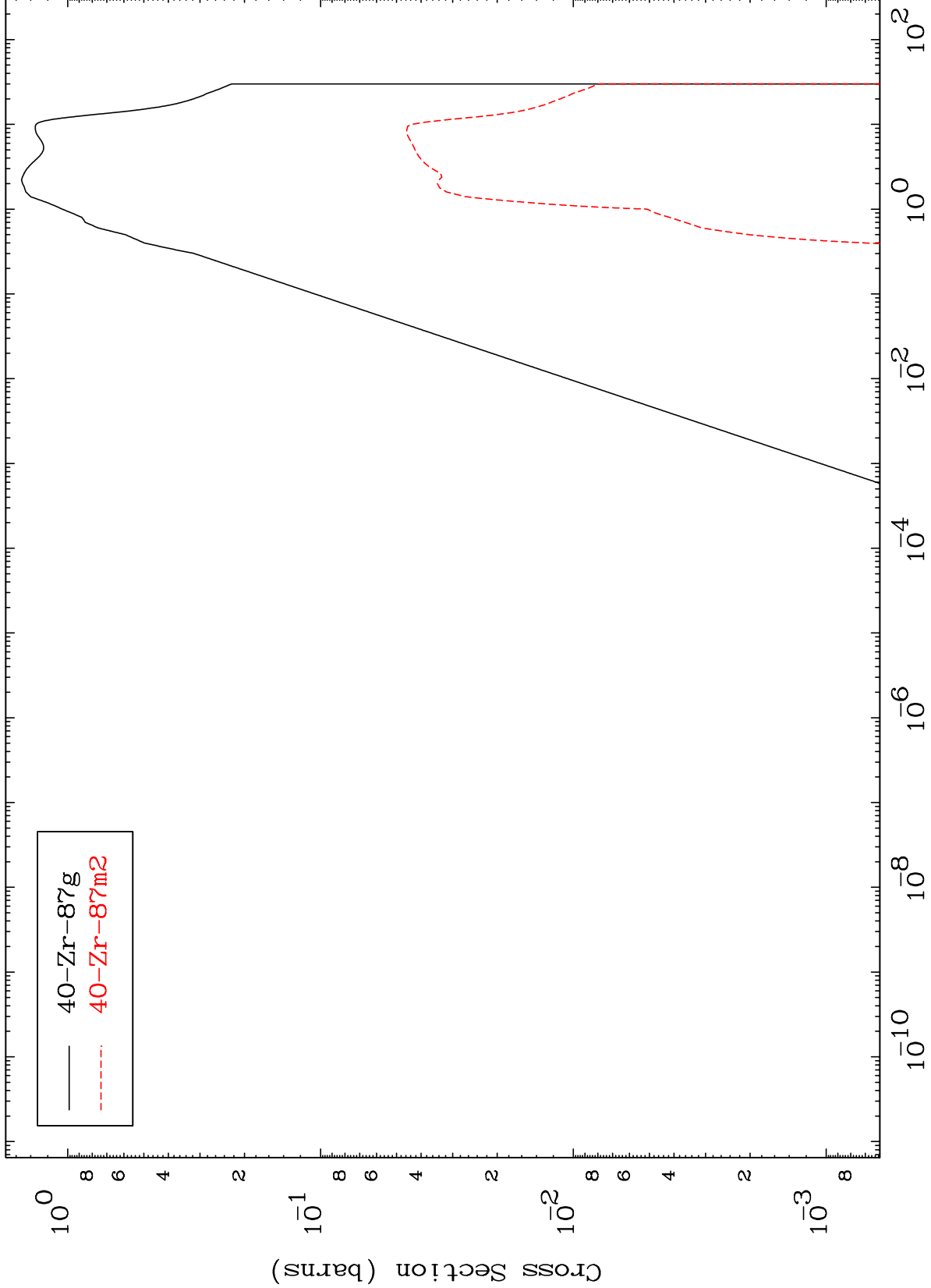




MAT 4016

Inelastic
Radionuclide Production Cross Section

40-Zr-87

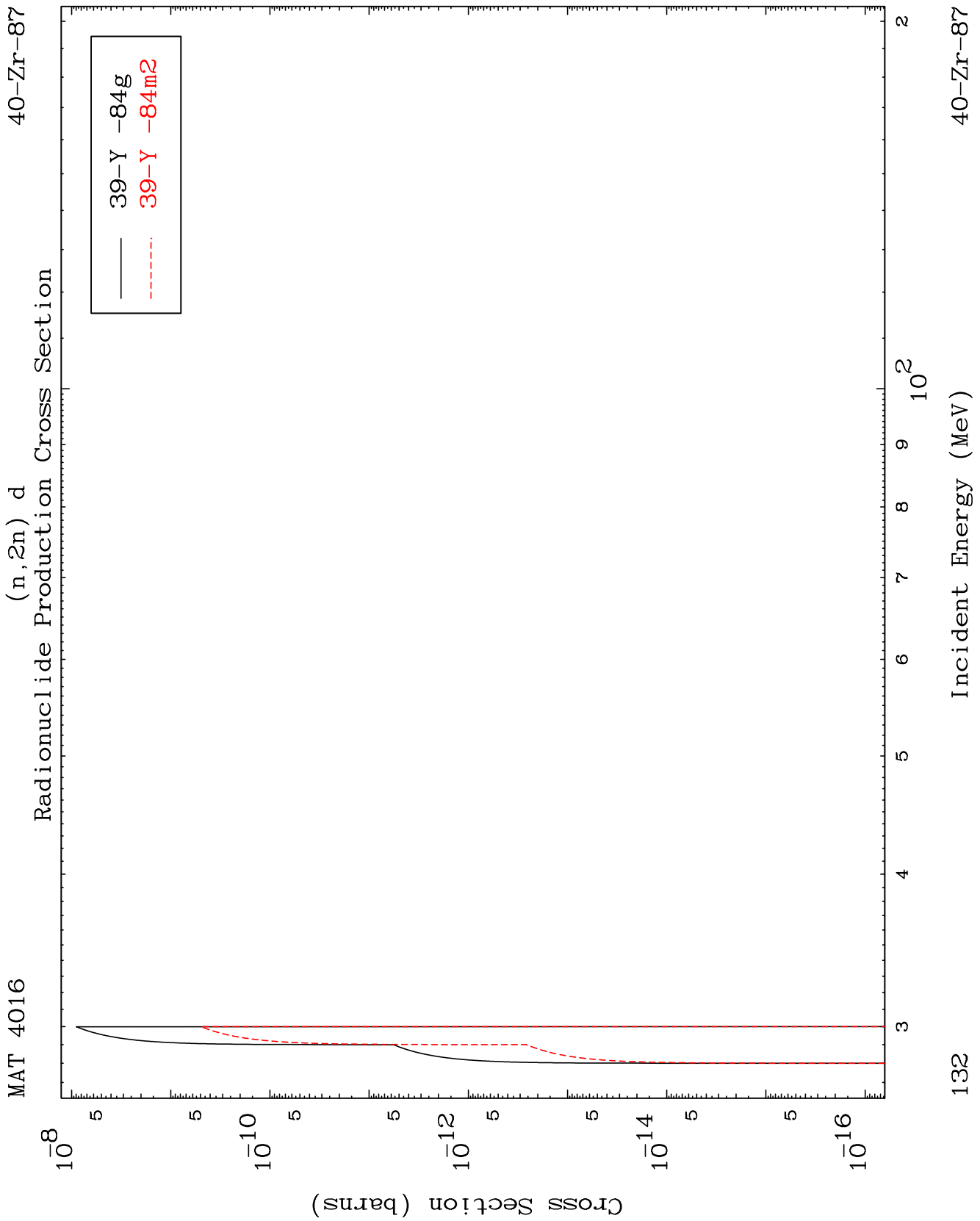


— 40-Zr-87g
- - - 40-Zr-87m2

Incident Energy (MeV)

40-Zr-87

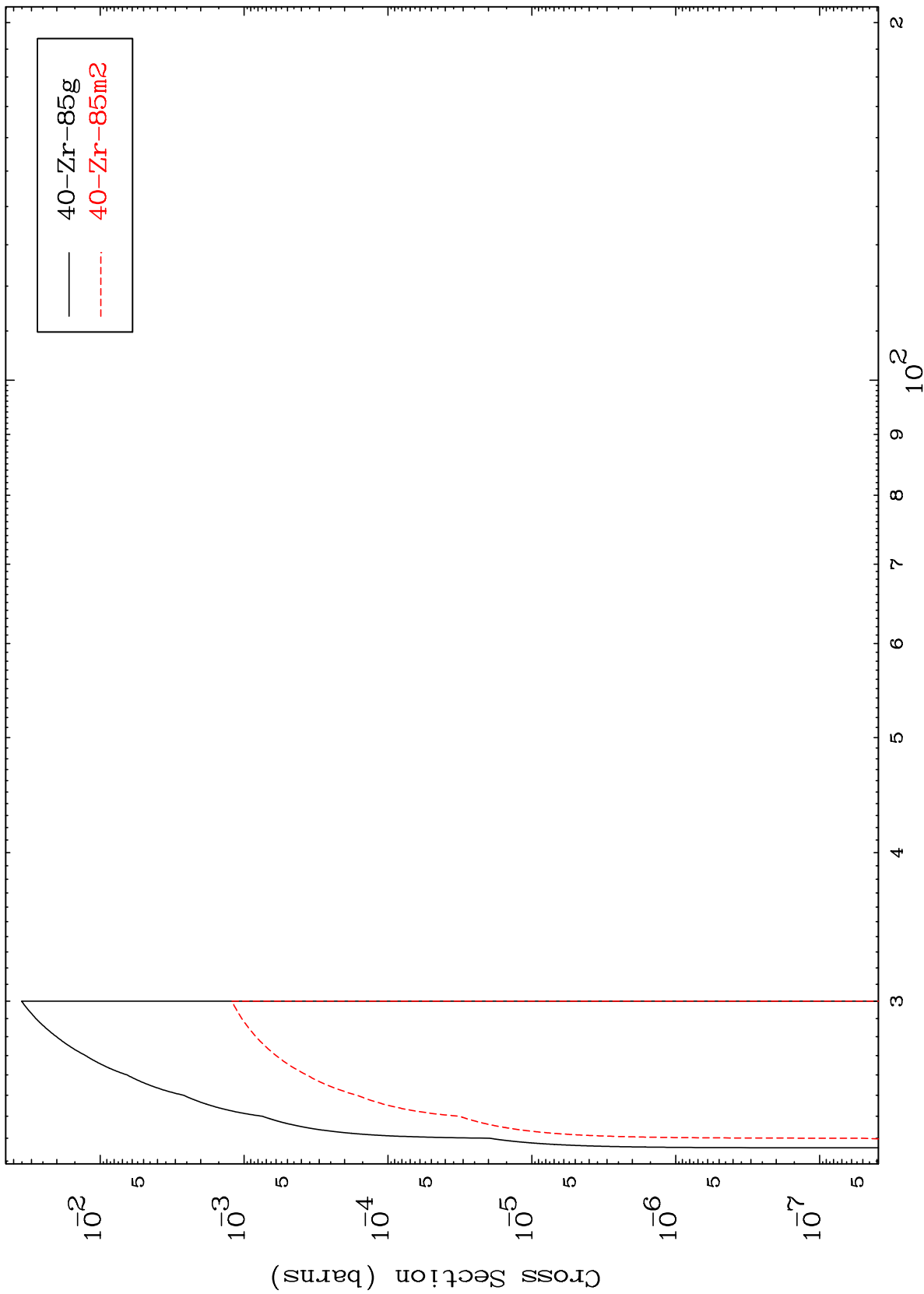
131



MAT 4016

40-Zr-87

(n,3n)
Radionuclide Production Cross Section



133

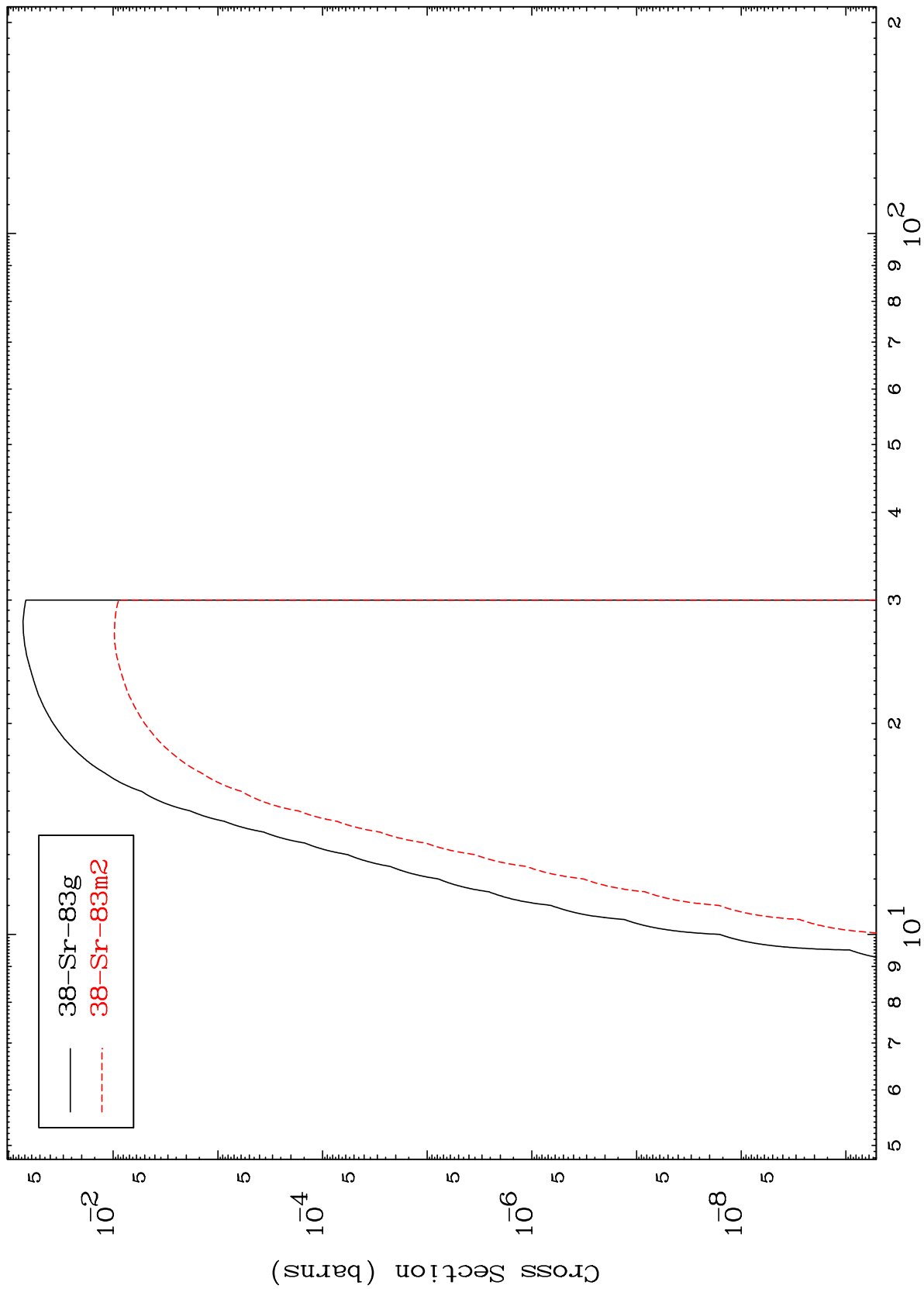
40-Zr-87

MAT 4016

(n,n') α

40-Zr-87

Radionuclide Production Cross Section



134

Incident Energy (MeV)

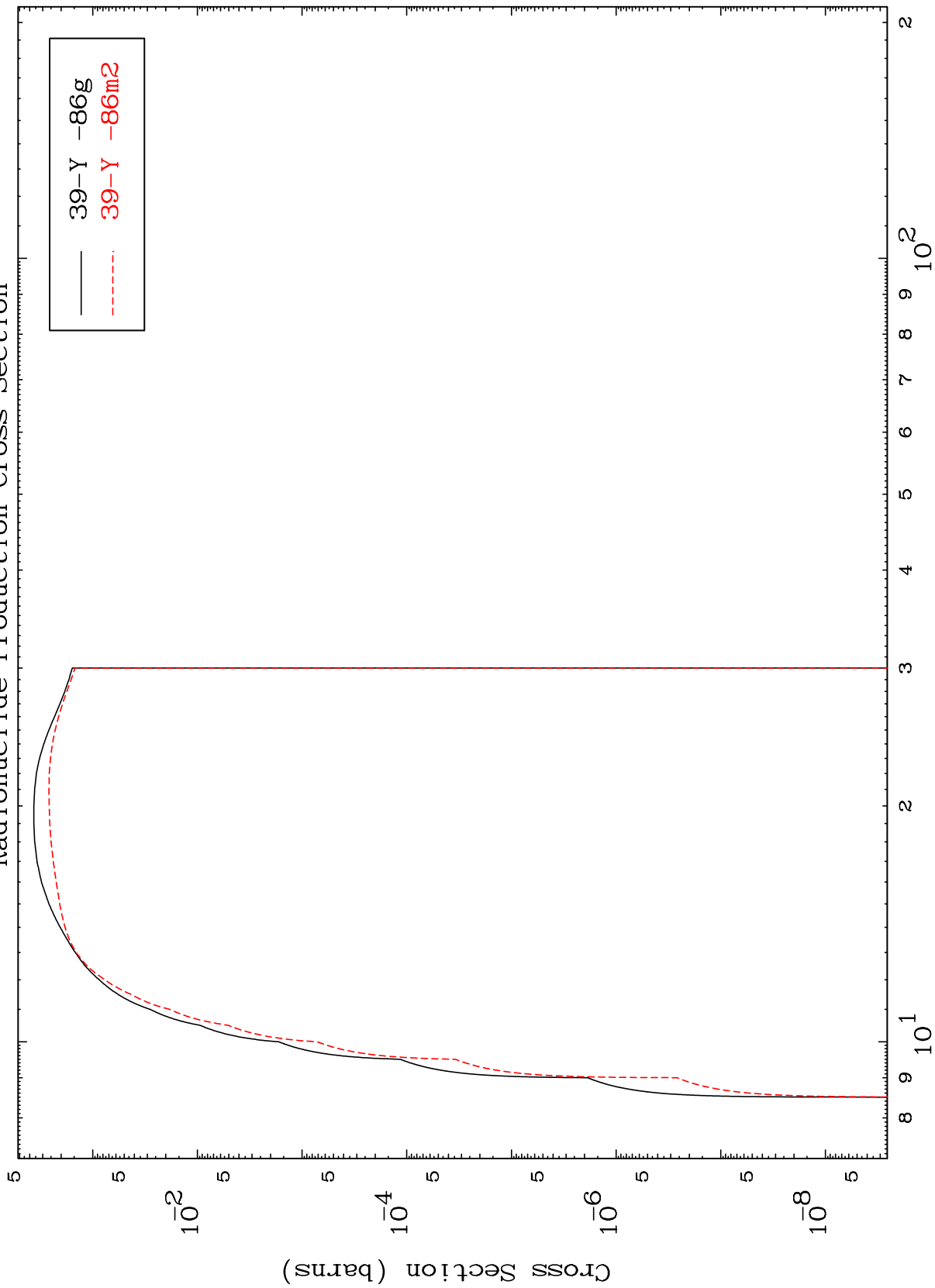
40-Zr-87

MAT 4016

(n,n') p

40-Zr-87

Radionuclide Production Cross Section



135

Incident Energy (MeV)

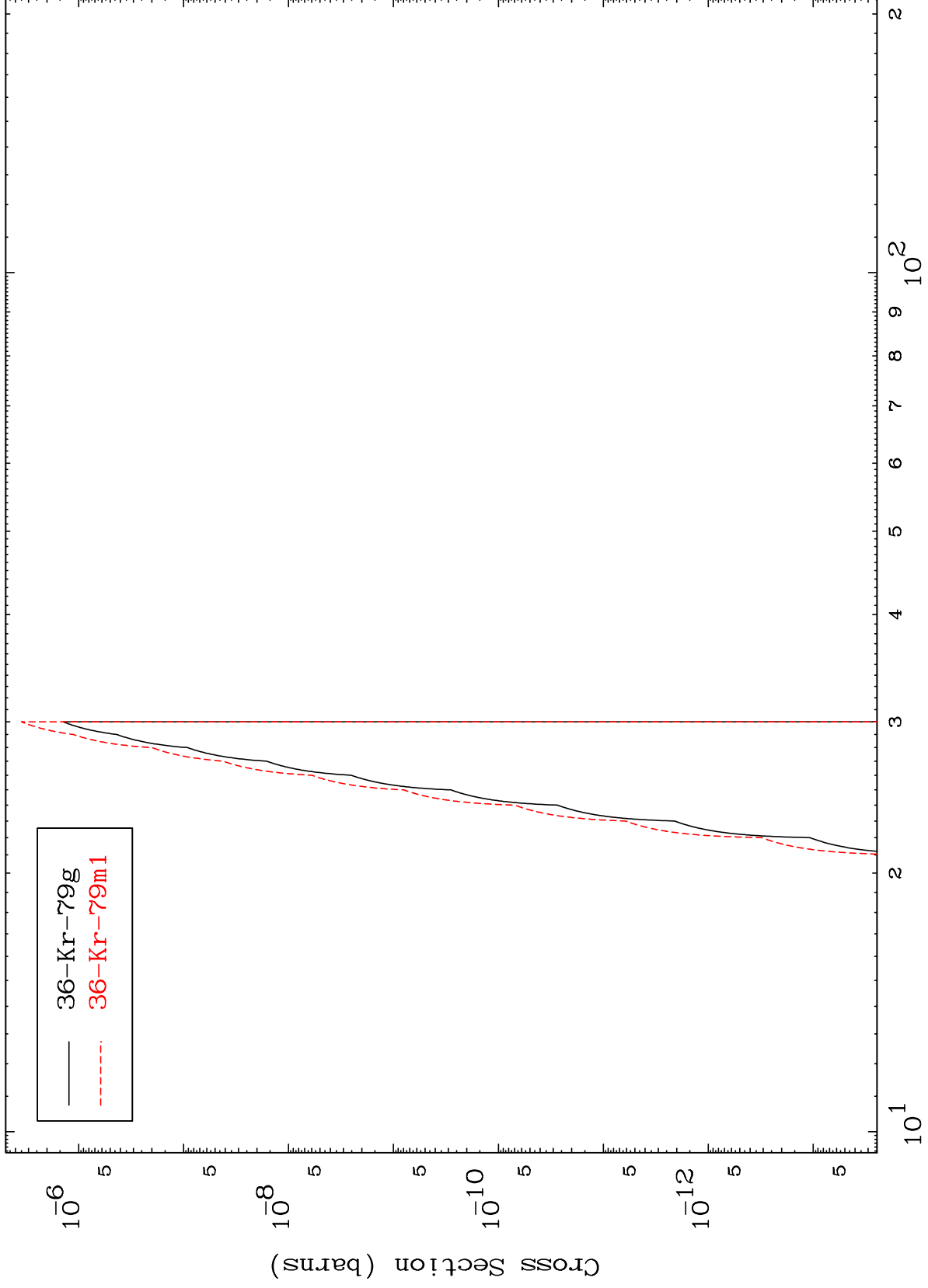
40-Zr-87

MAT 4016

(n,n') 2α

40-Zr-87

Radionuclide Production Cross Section



136

Incident Energy (MeV)

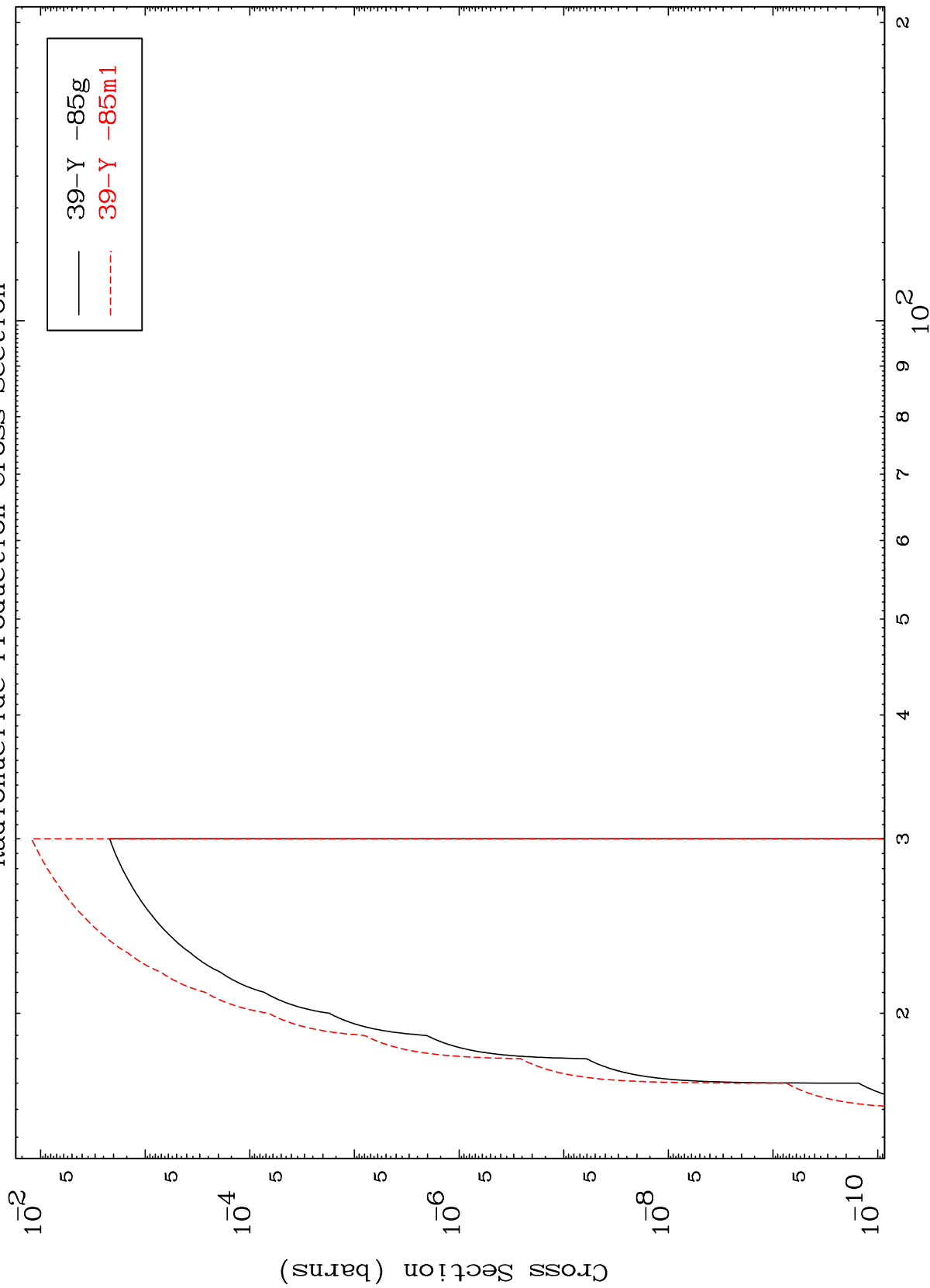
40-Zr-87

MAT 4016

(n,n') d

40-Zr-87

Radionuclide Production Cross Section



137

Incident Energy (MeV)

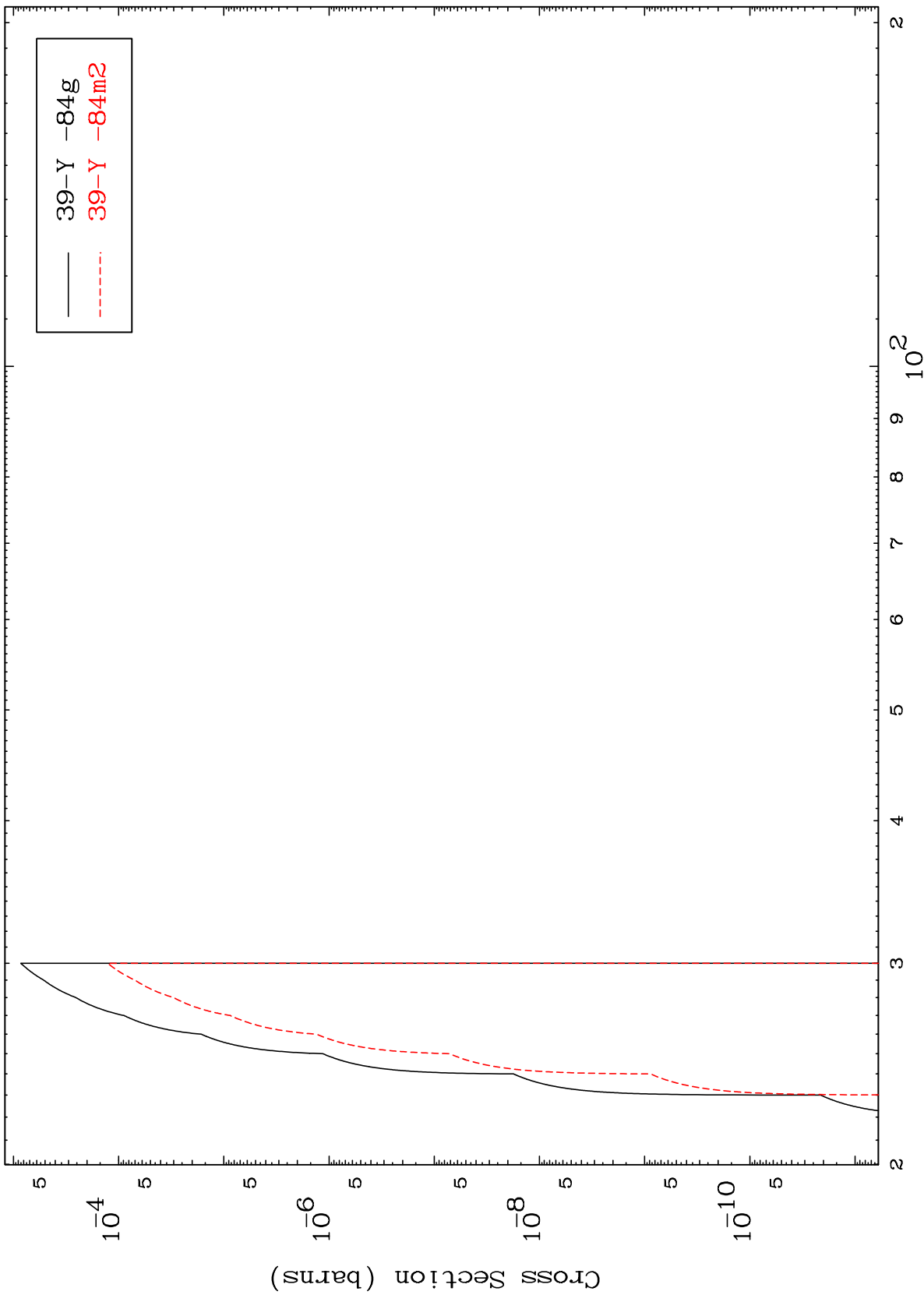
40-Zr-87

MAT 4016

(n,n') t

40-Zr-87

Radionuclide Production Cross Section

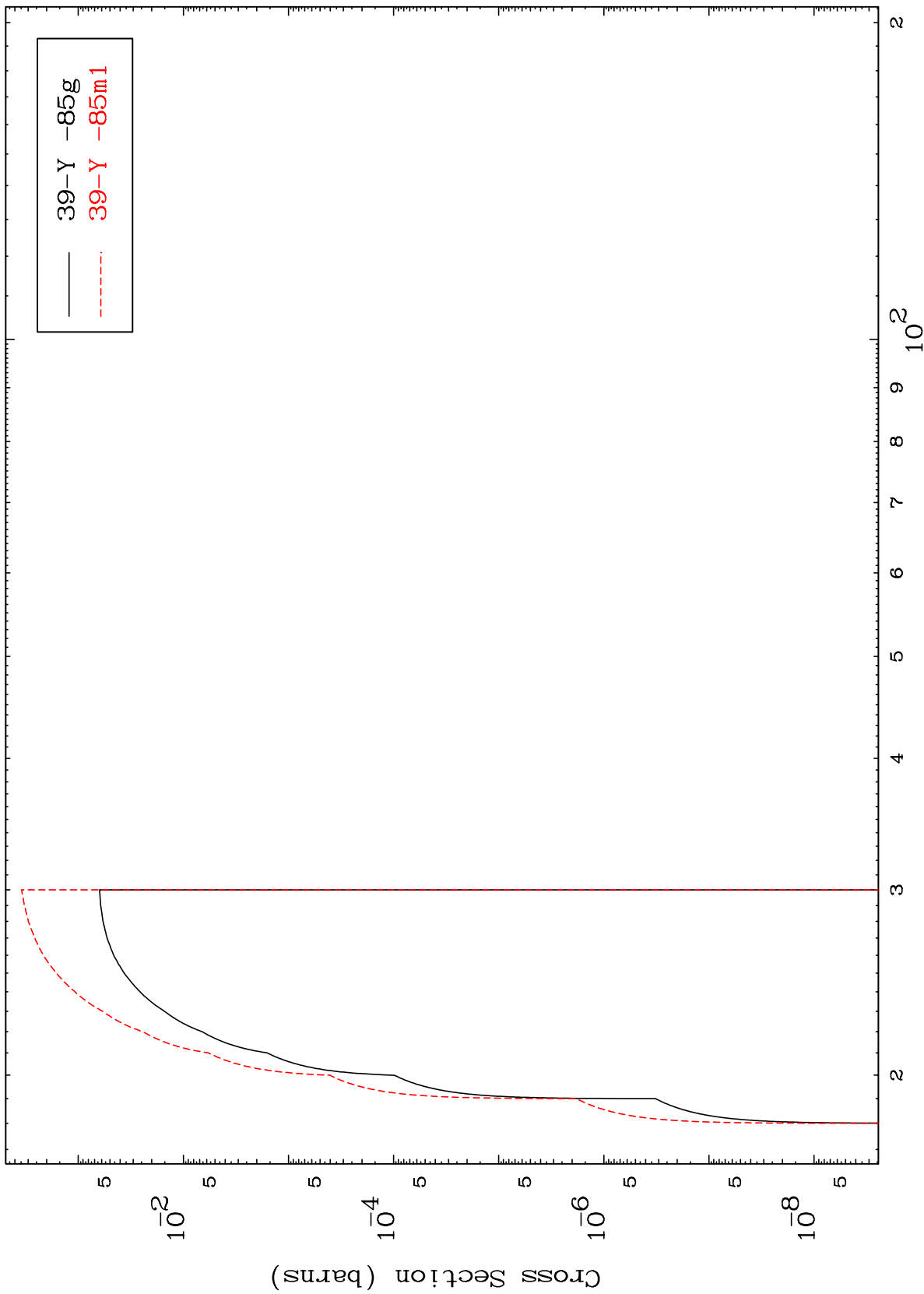


138

Incident Energy (MeV)

40-Zr-87

Radionuclide Production Cross Section

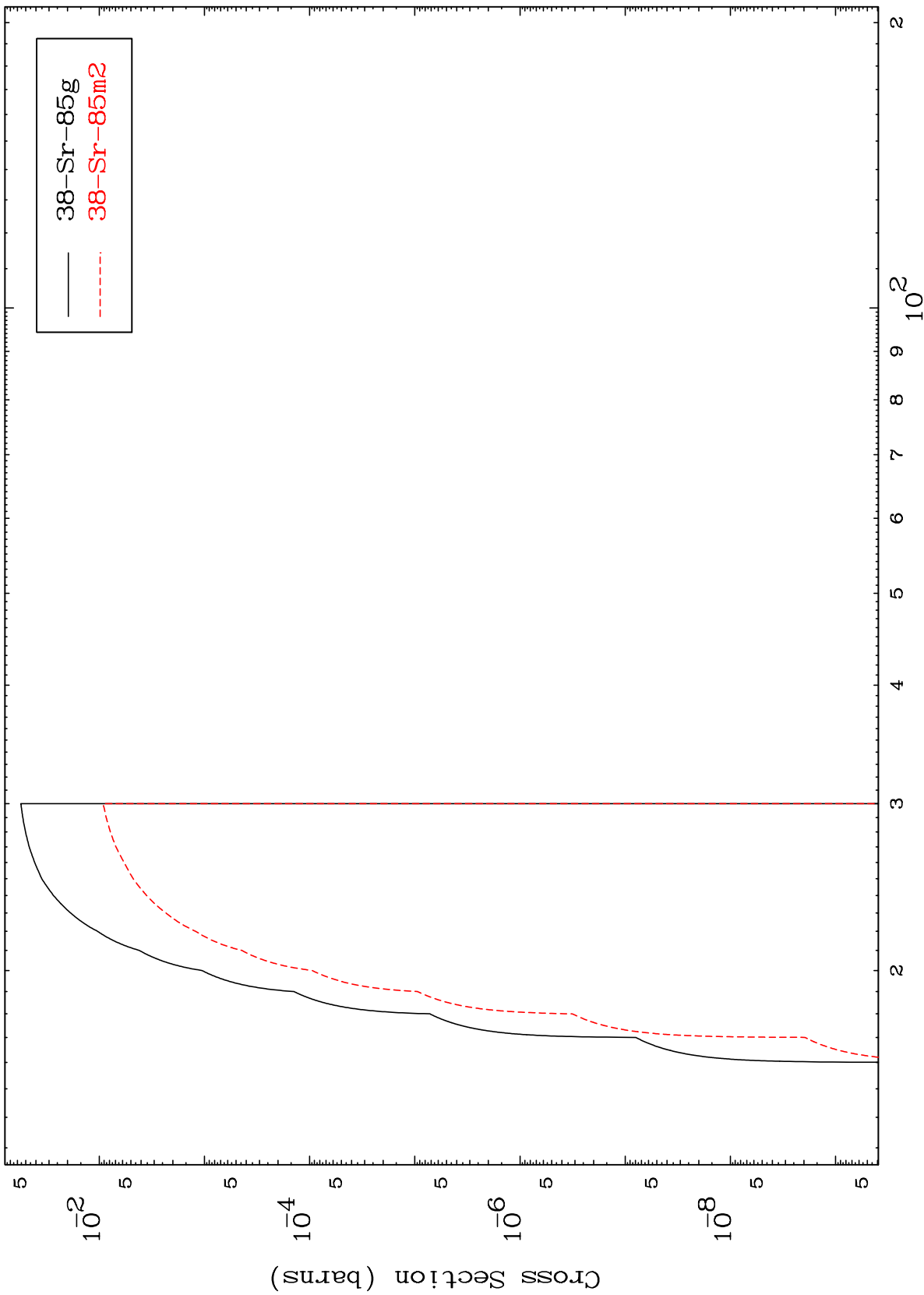


MAT 4016

(n,2n) p

40-Zr-87

Radionuclide Production Cross Section



38-Sr-85g
38-Sr-85m2

140

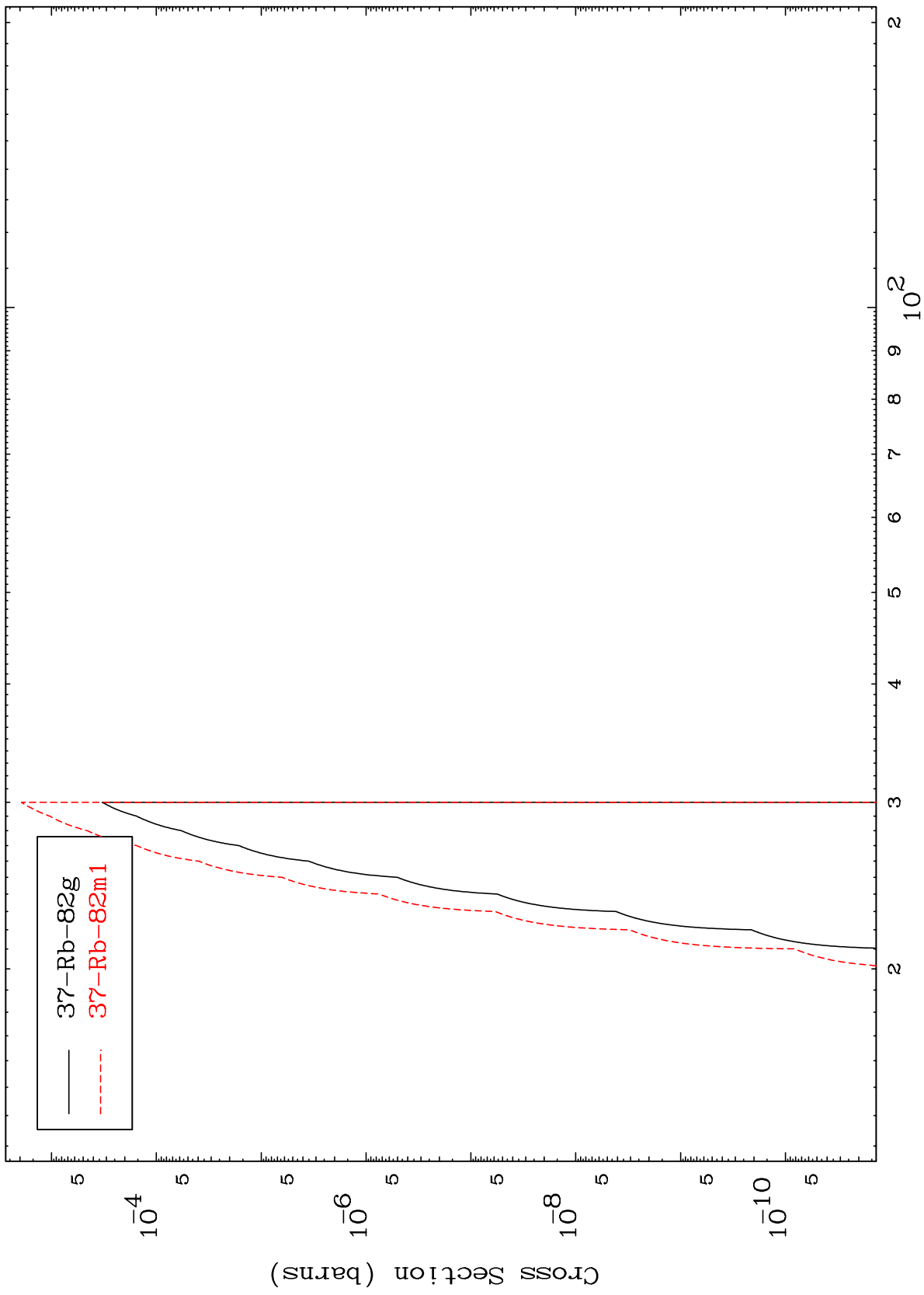
Incident Energy (MeV)

40-Zr-87

MAT 4016

40-Zr-87

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



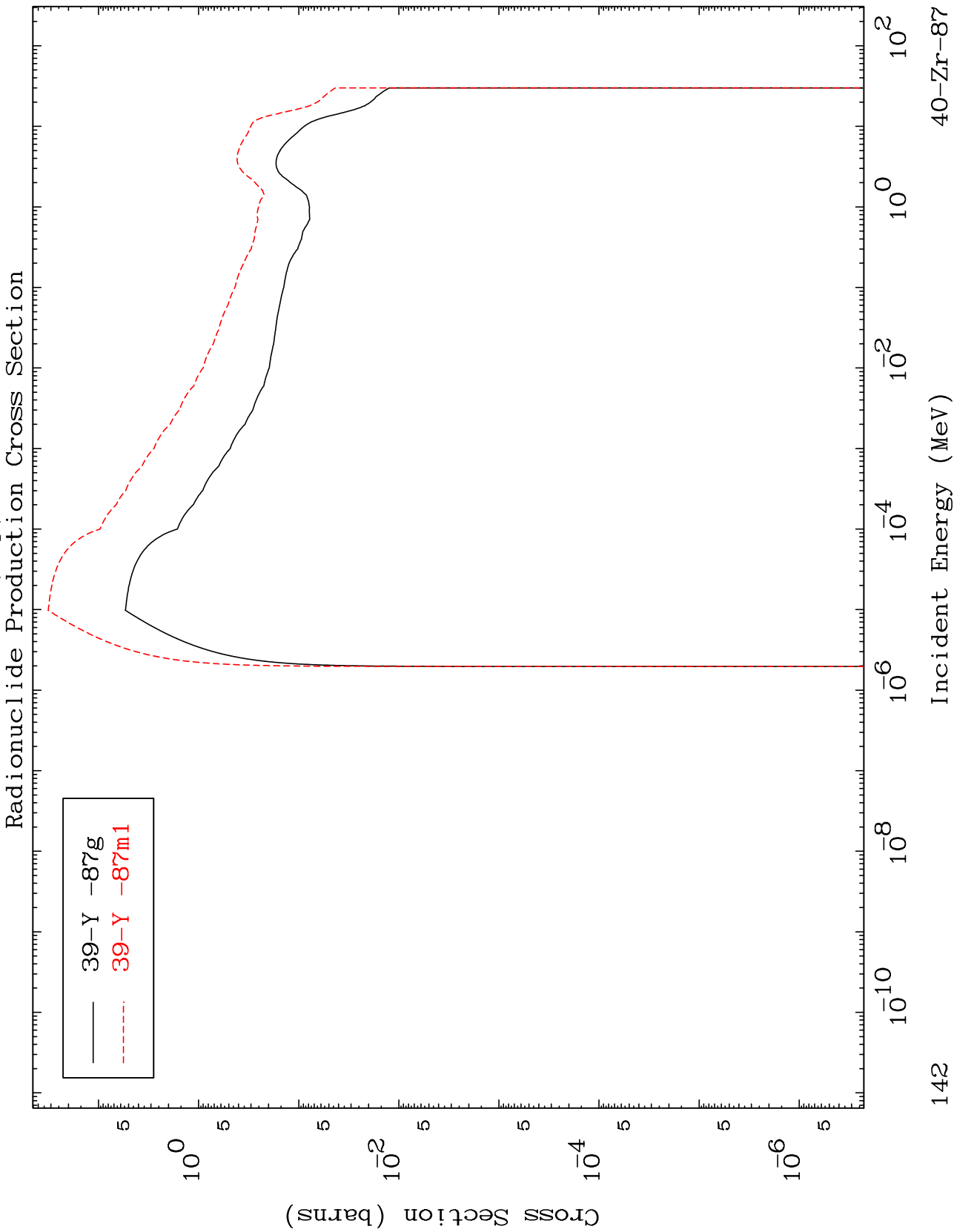
141

Incident Energy (MeV)

40-Zr-87

MAT 4016

40-Zr-87

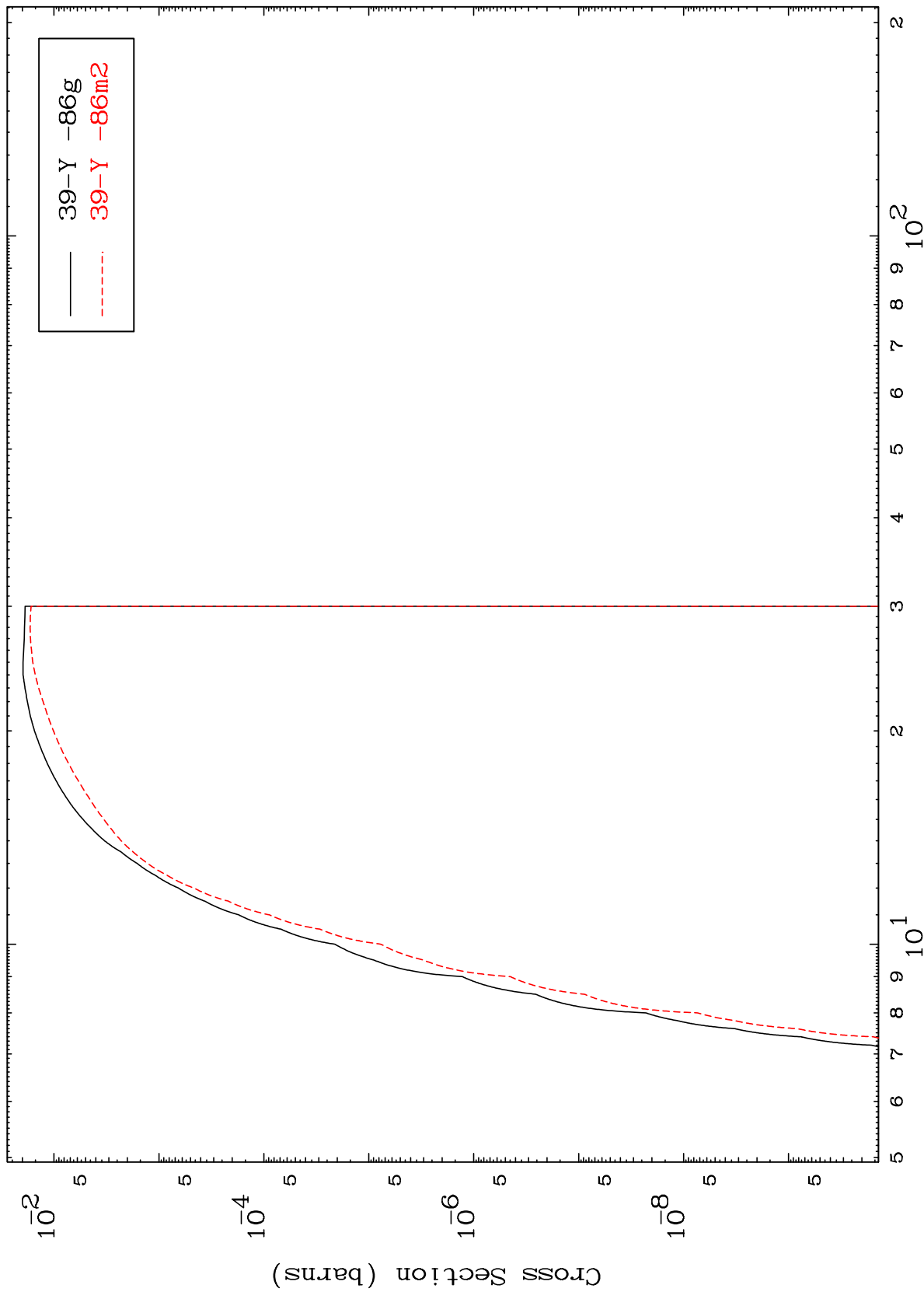


MAT 4016

(n,d)

40-Zr-87

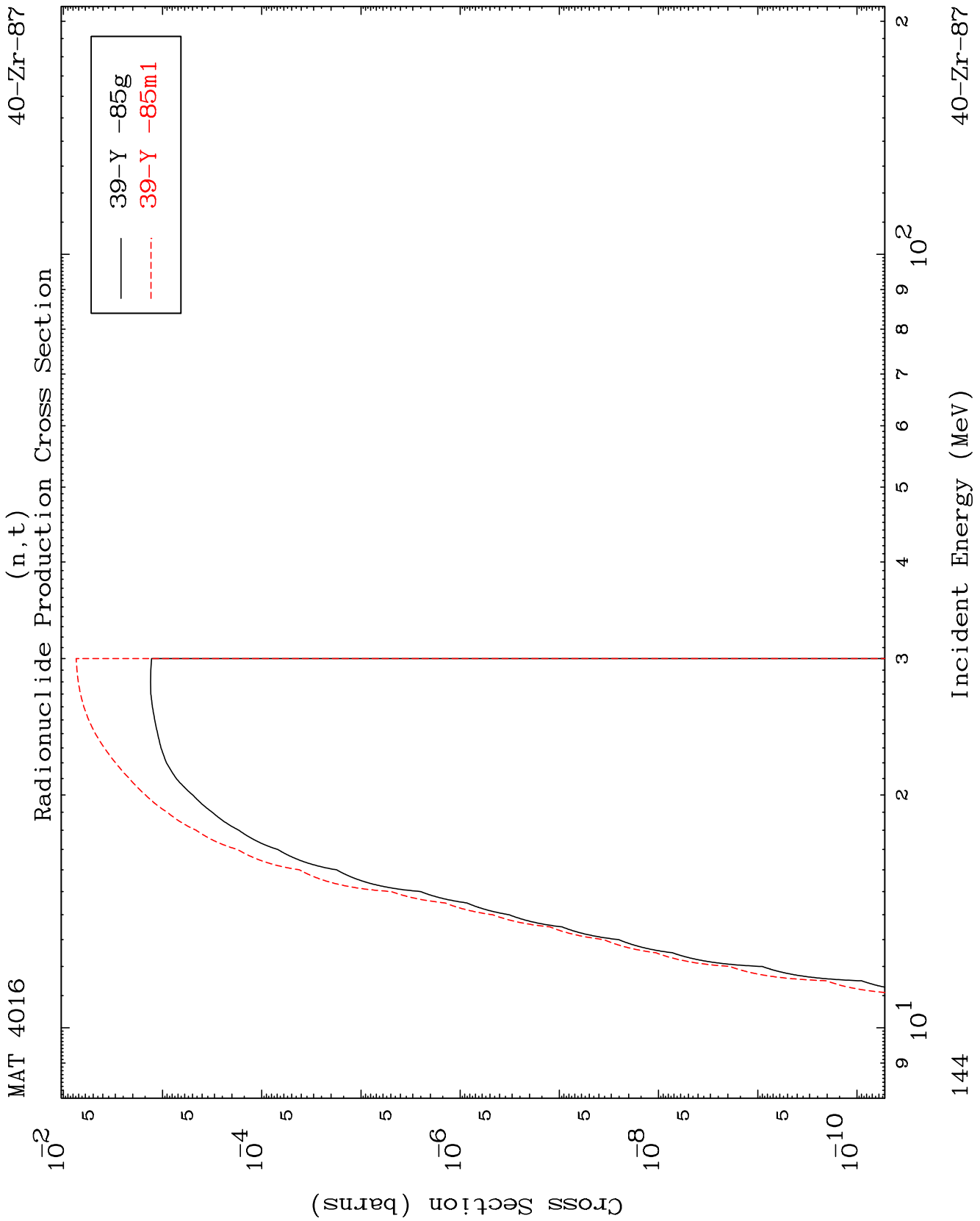
Radionuclide Production Cross Section



143

Incident Energy (MeV)

40-Zr-87

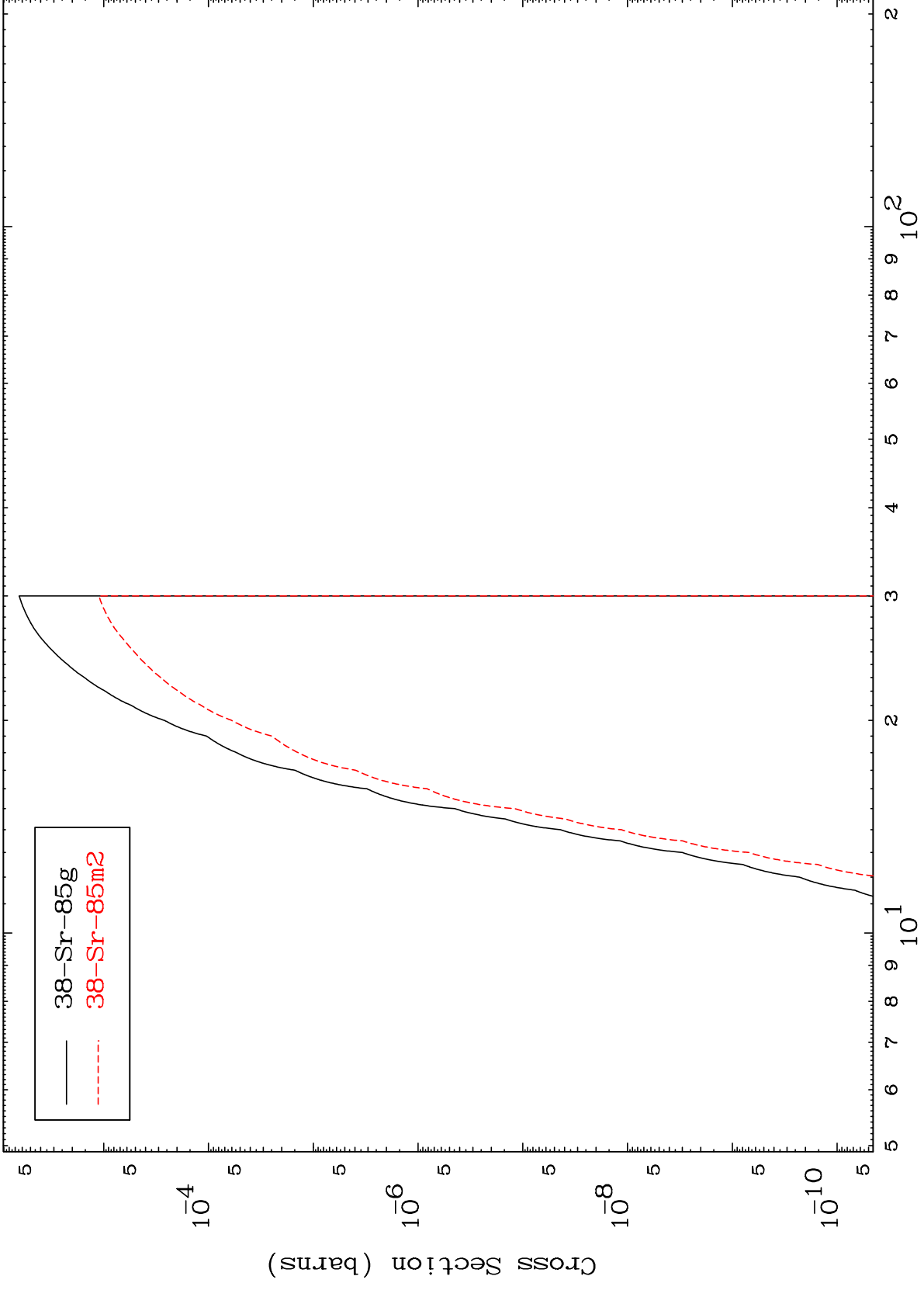


MAT 4016

(n,He-3)

40-Zr-87

Radionuclide Production Cross Section



— 38-Sr-85g
- - - 38-Sr-85m2

145

Incident Energy (MeV)

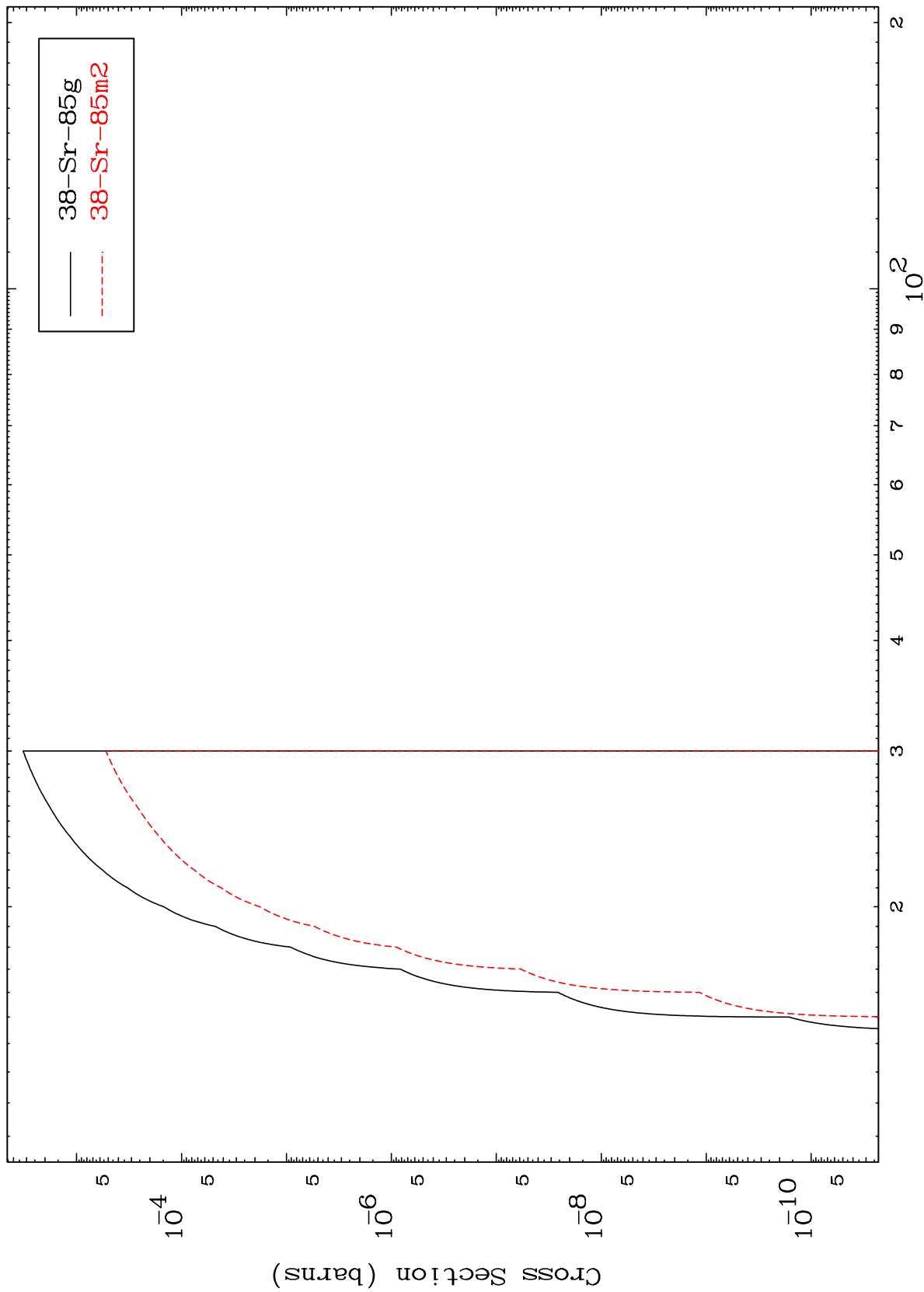
40-Zr-87

MAT 4016

(n,p) d

40-Zr-87

Radionuclide Production Cross Section



146

Incident Energy (MeV)

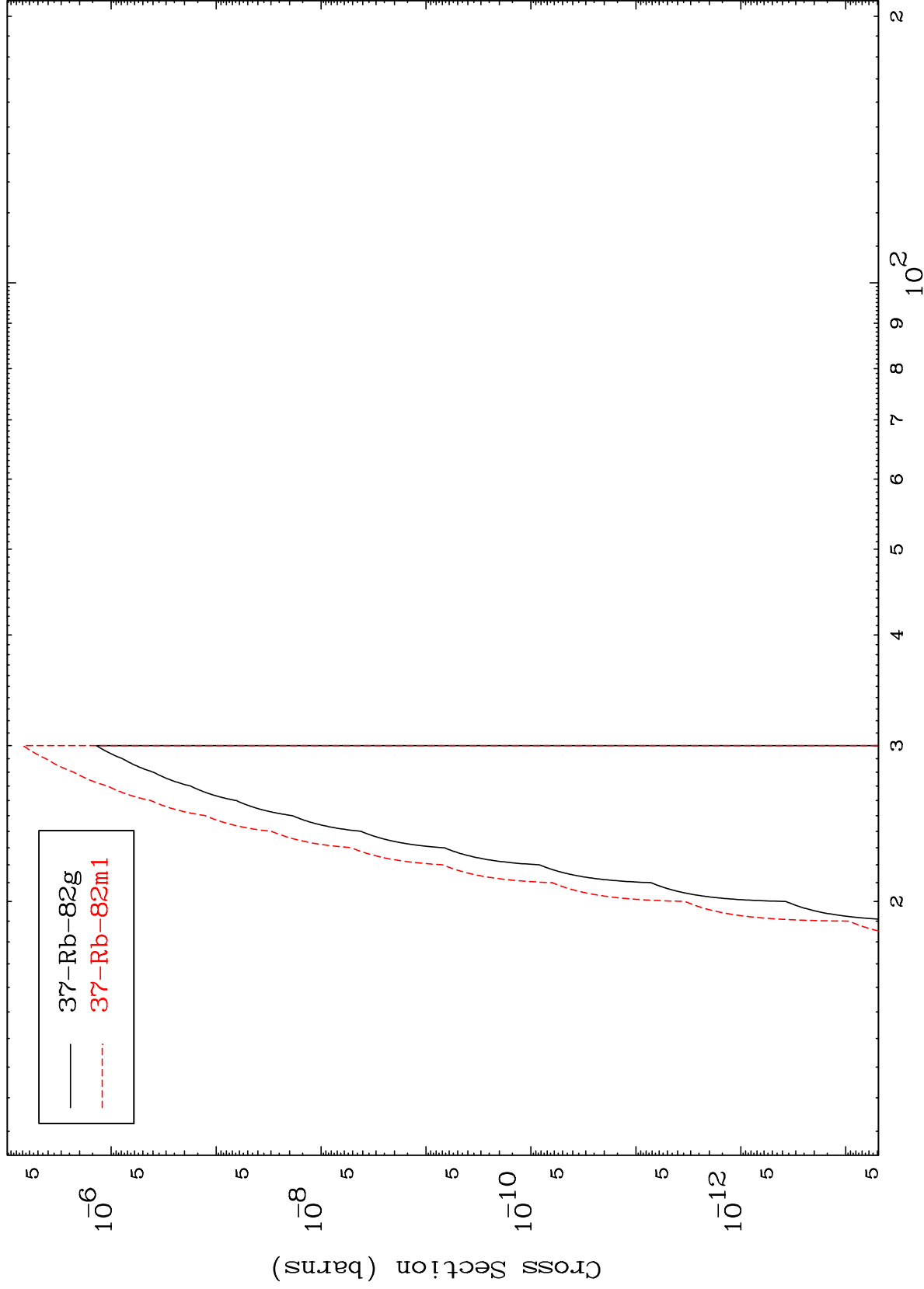
40-Zr-87

MAT 4016

(n,d) α

40-Zr-87

Radionuclide Production Cross Section



147

Incident Energy (MeV)

40-Zr-87