

Program EVALPLOT
(Version 2021-1)

by

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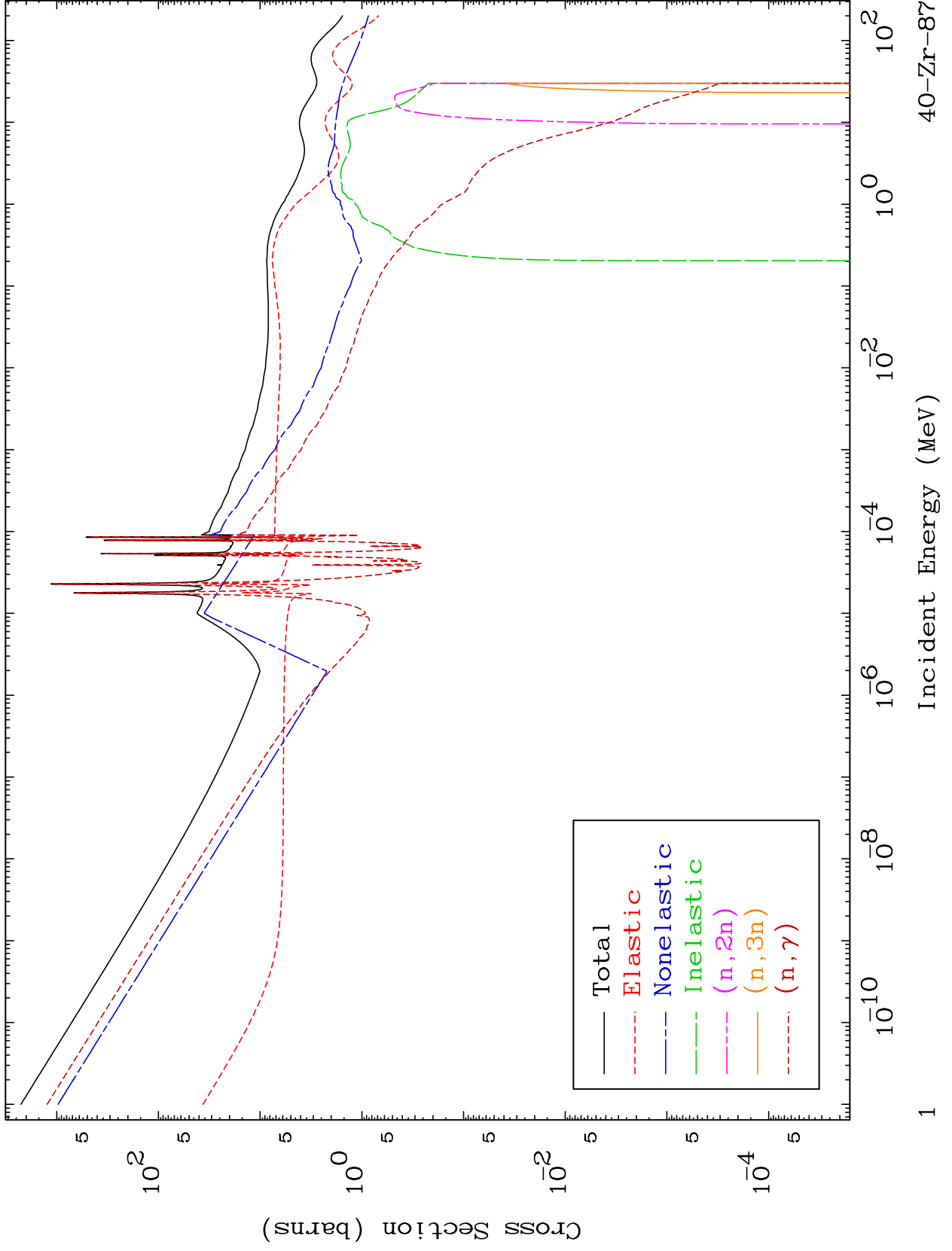
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4016

Neutron Major
293 Kelvin Cross Sections

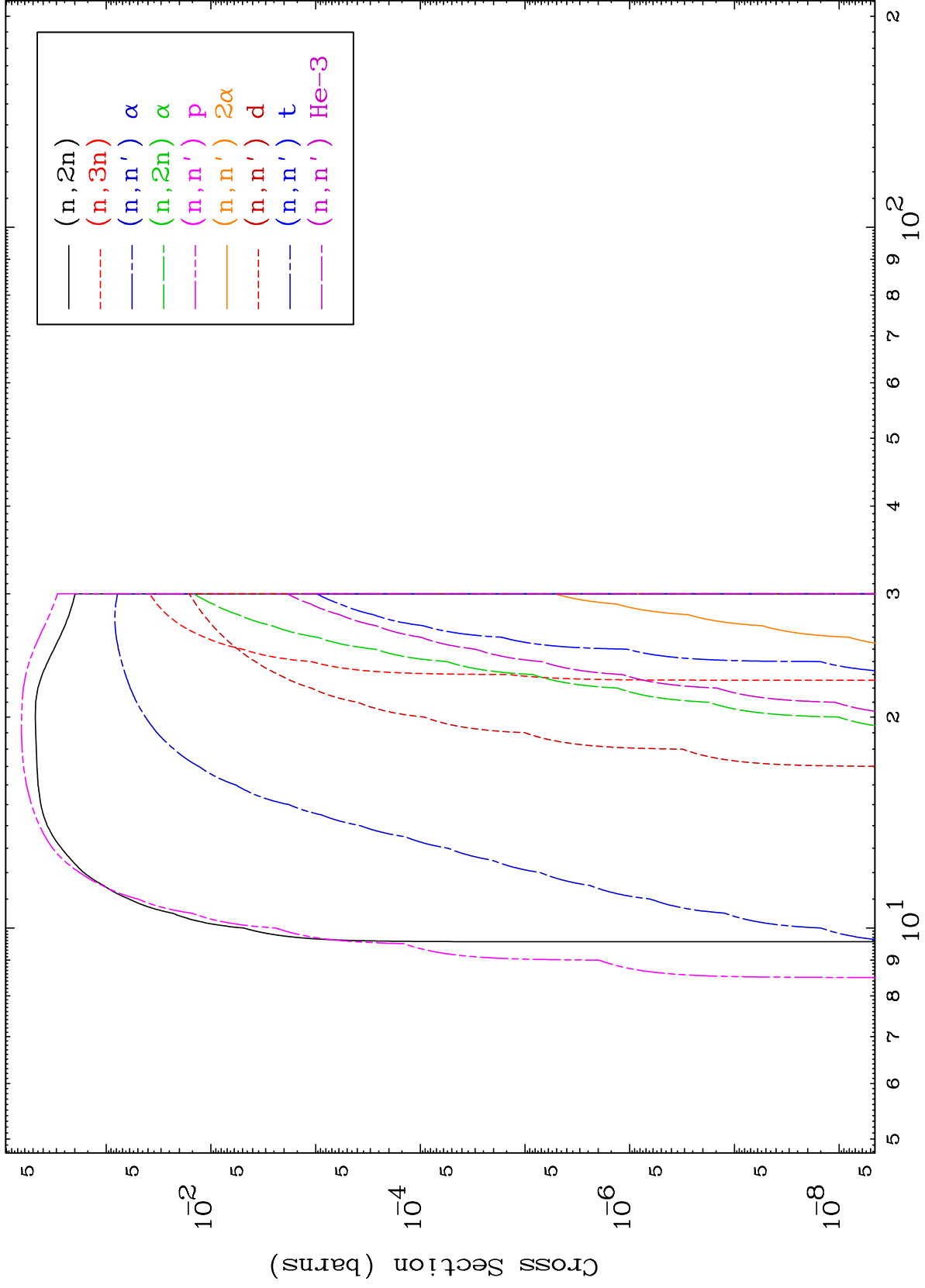
40-Zr-87



MAT 4016

Neutron Absorption
293 Kelvin Cross Sections

40-Zr-87



2

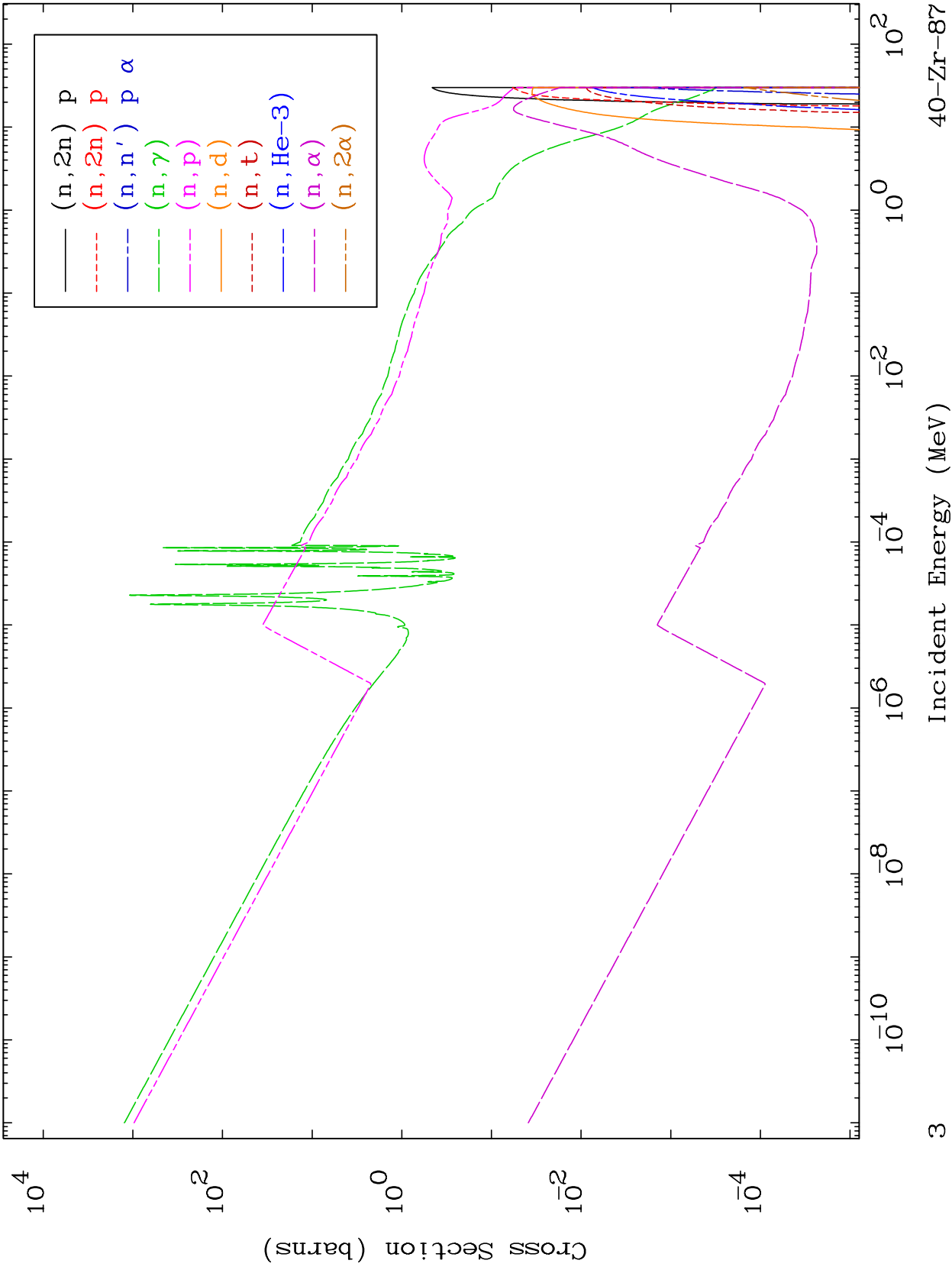
Incident Energy (MeV)

40-Zr-87

MAT 4016

Neutron Absorption
293 Kelvin Cross Sections

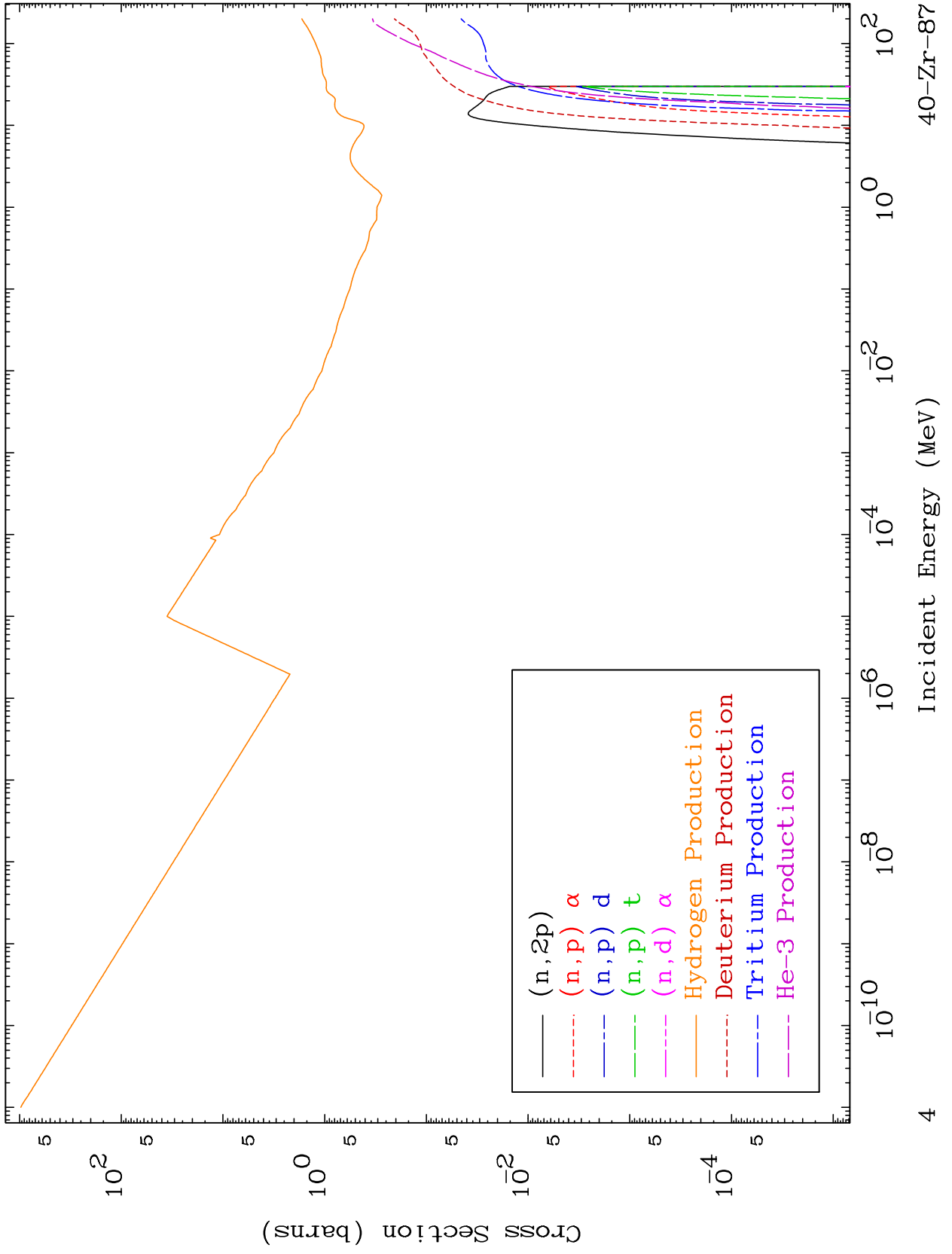
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MAT 4016

Neutron Absorption
293 Kelvin Cross Sections

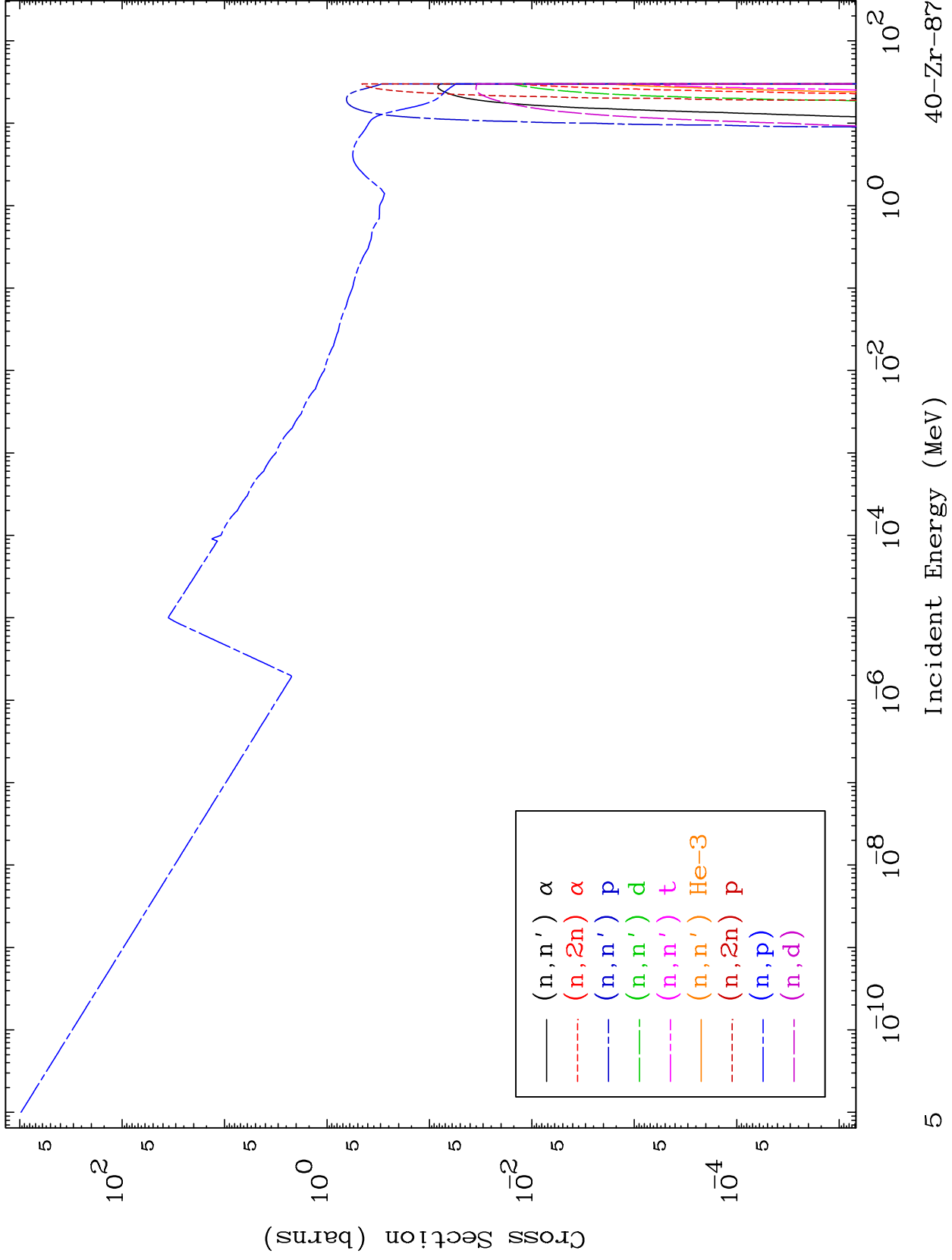
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MAT 4016

Charged Particle
293 Kelvin Cross Sections

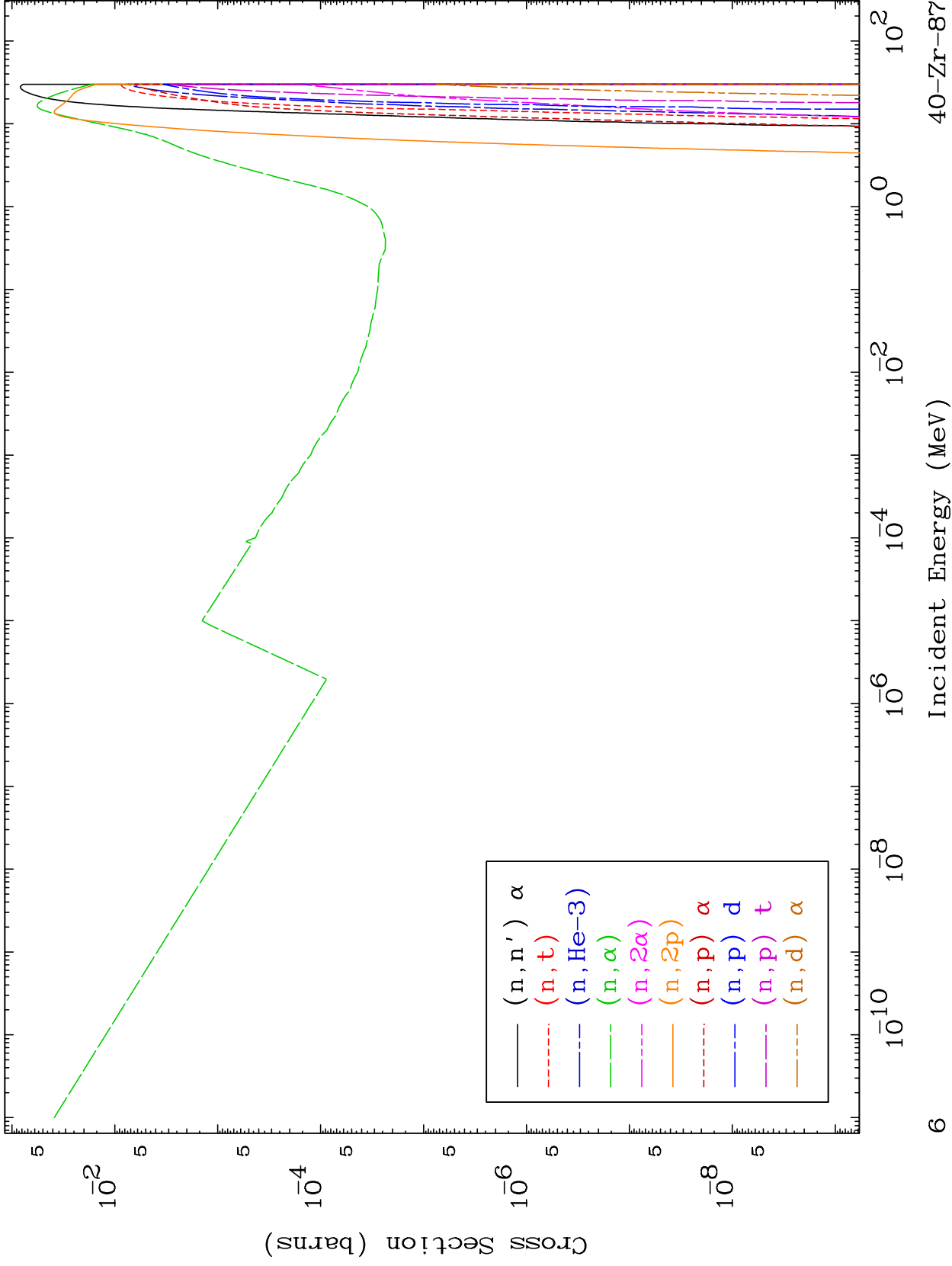
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MAT 4016

Charged Particle
293 Kelvin Cross Sections

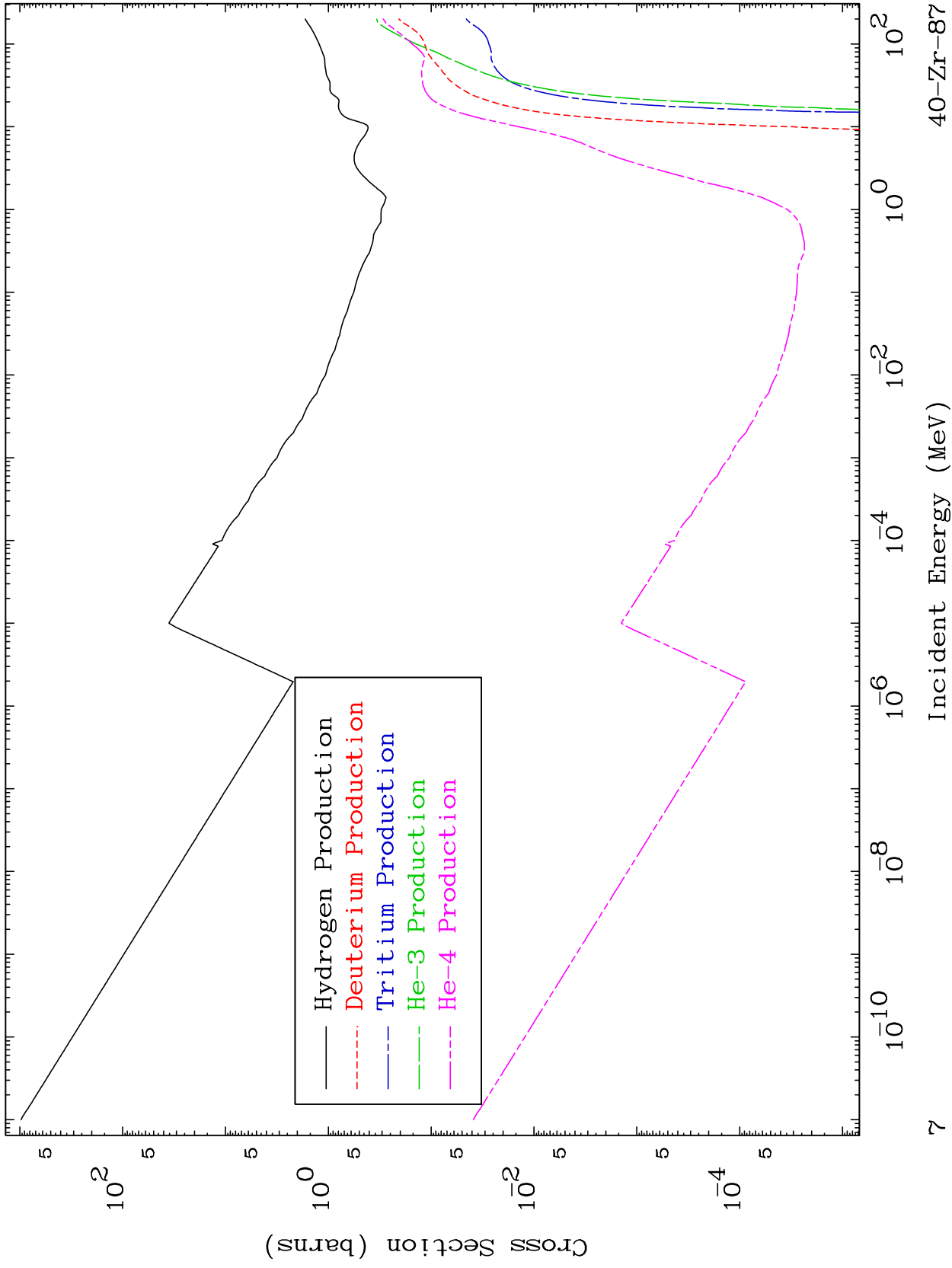
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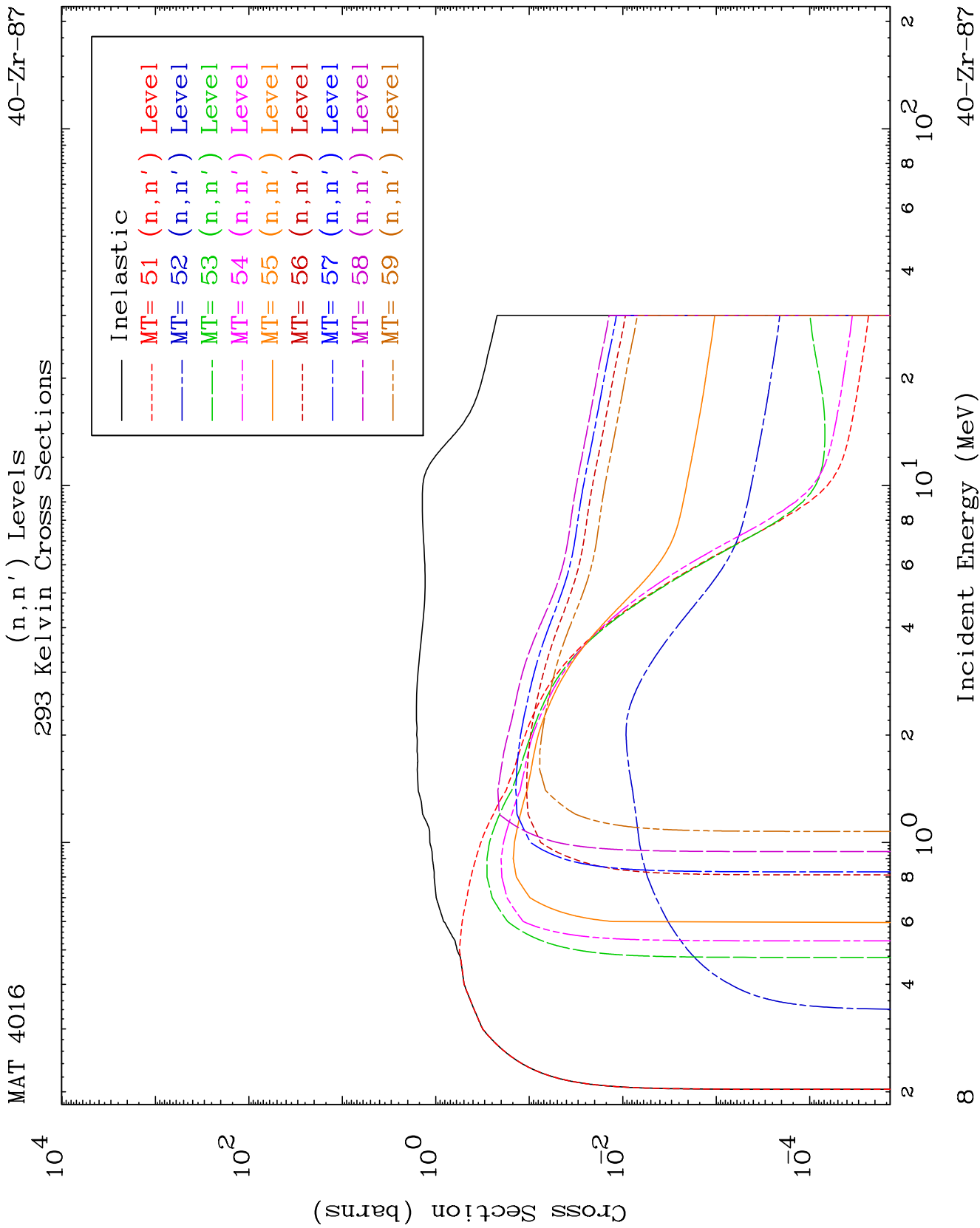


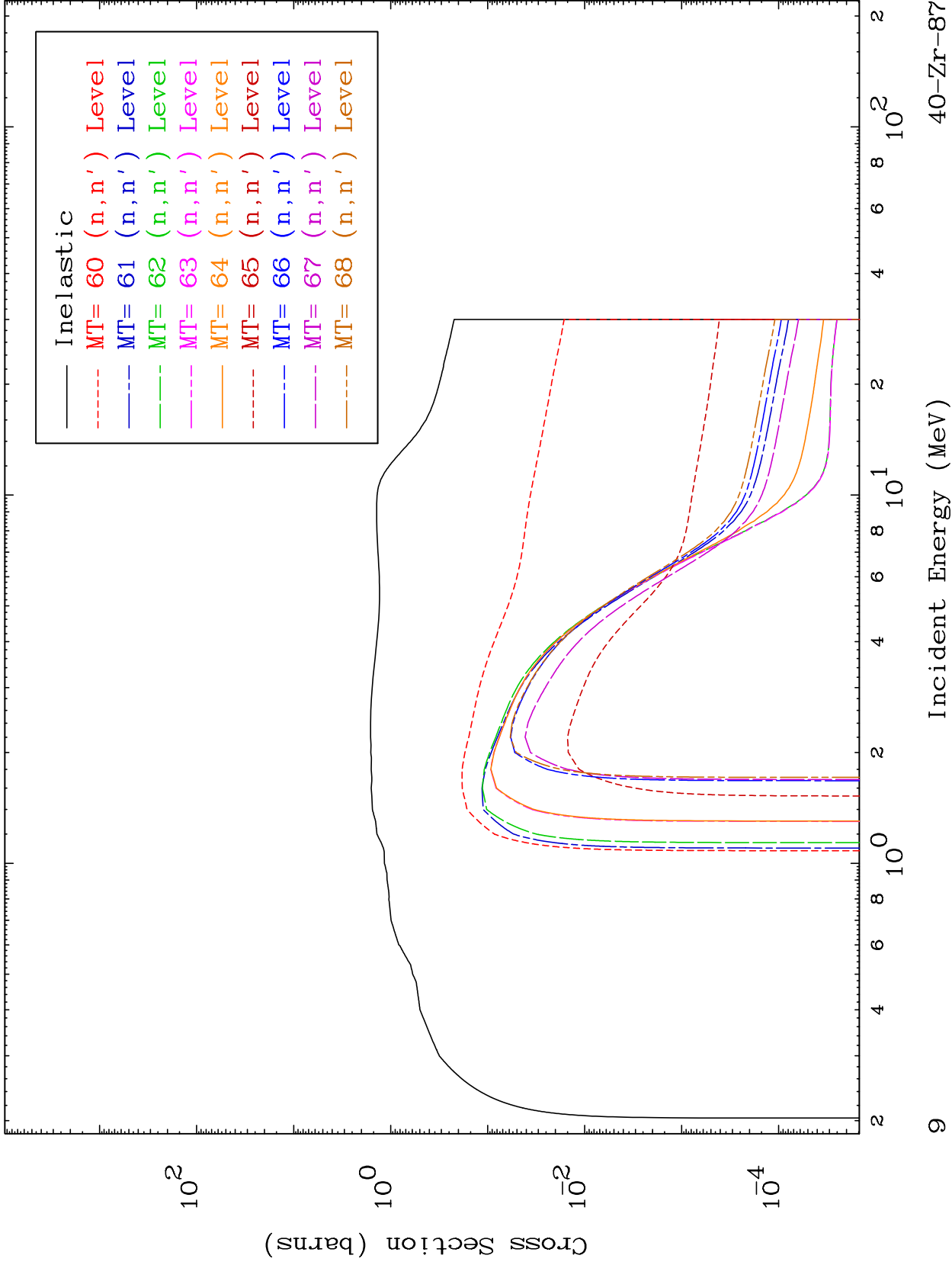
MAT 4016

Particle Production
293 Kelvin Cross Sections

40-Zr-87





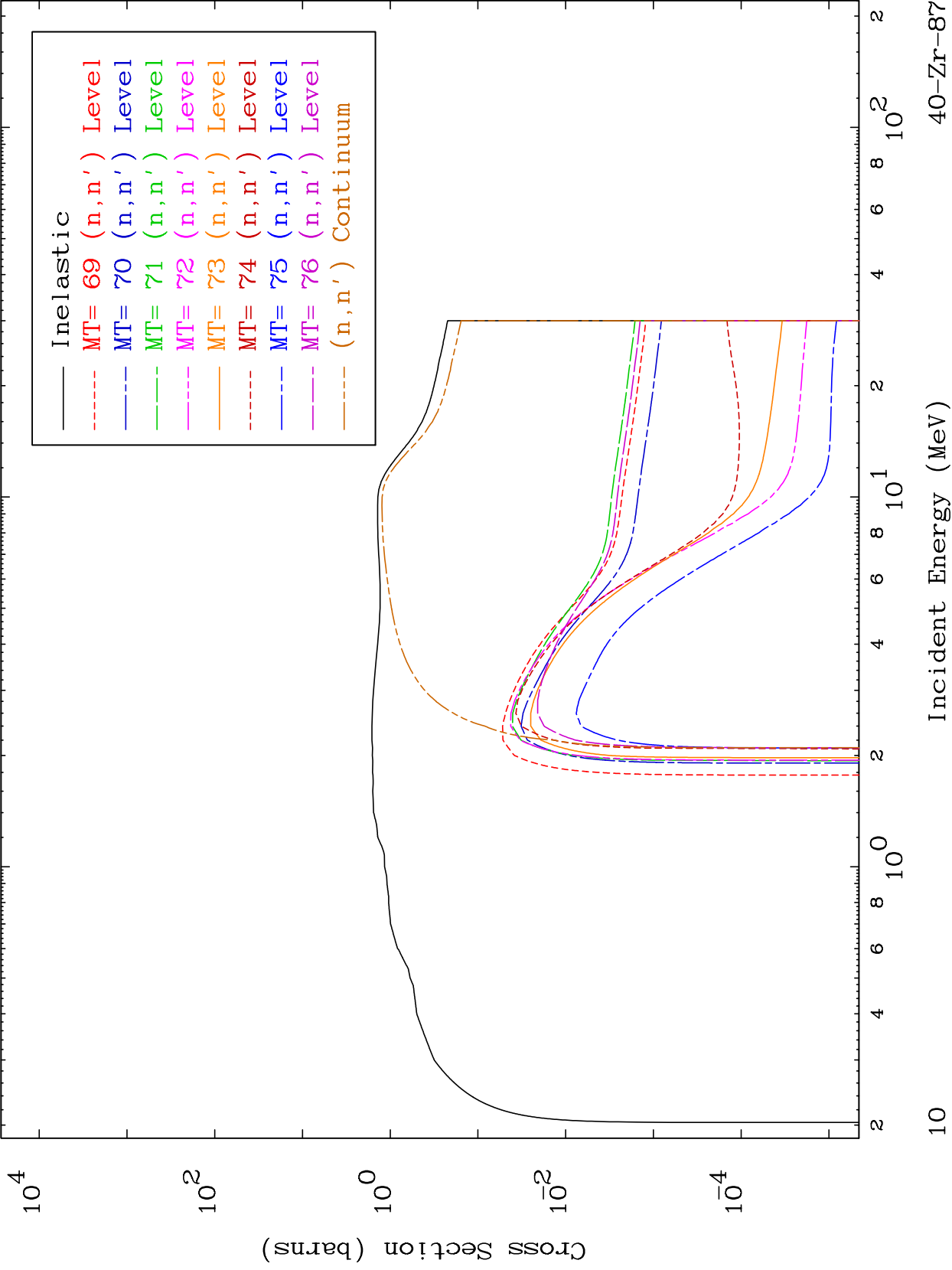


MAT 4016

(n,n') Levels

293 Kelvin Cross Sections

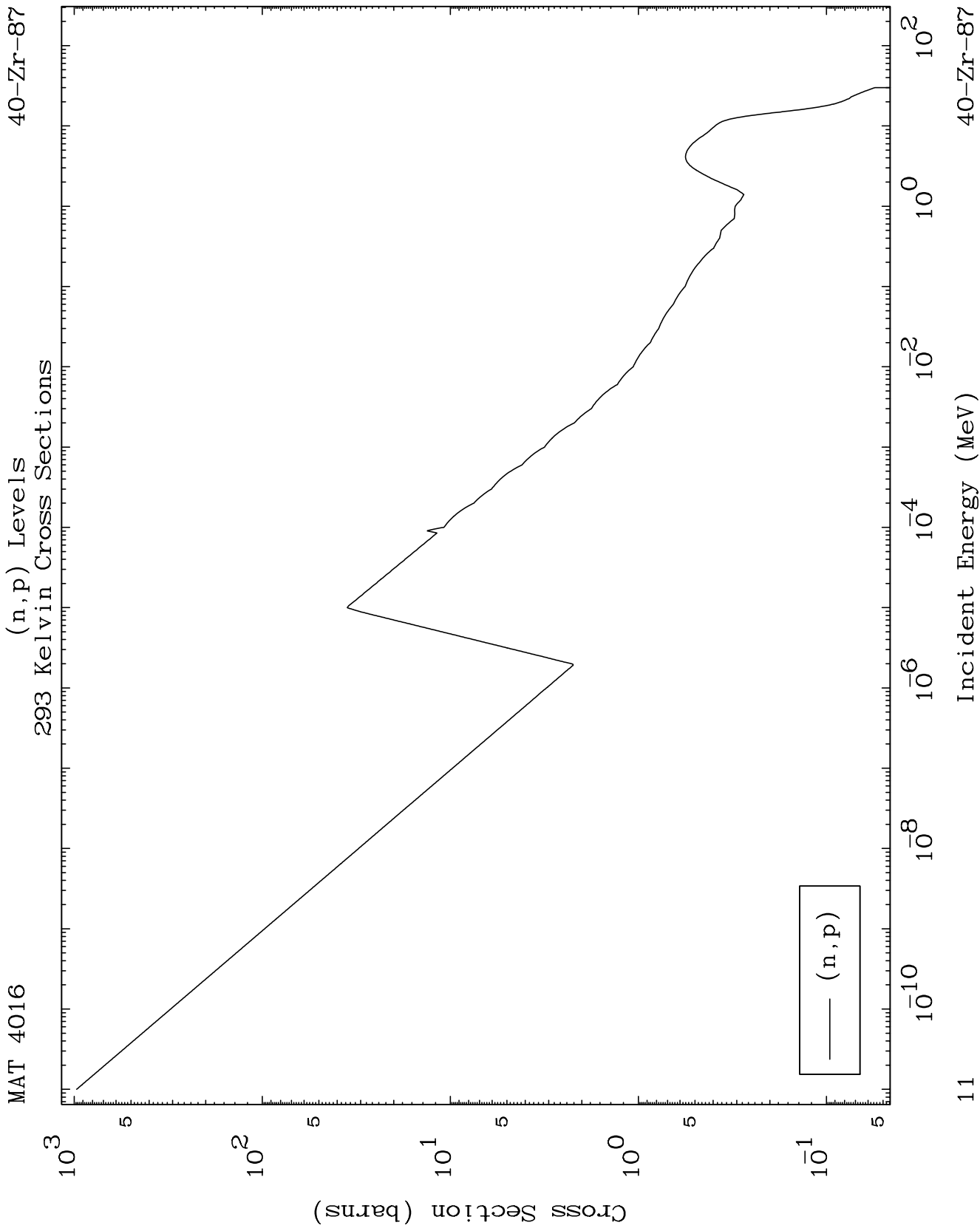
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10

Incident Energy (MeV)

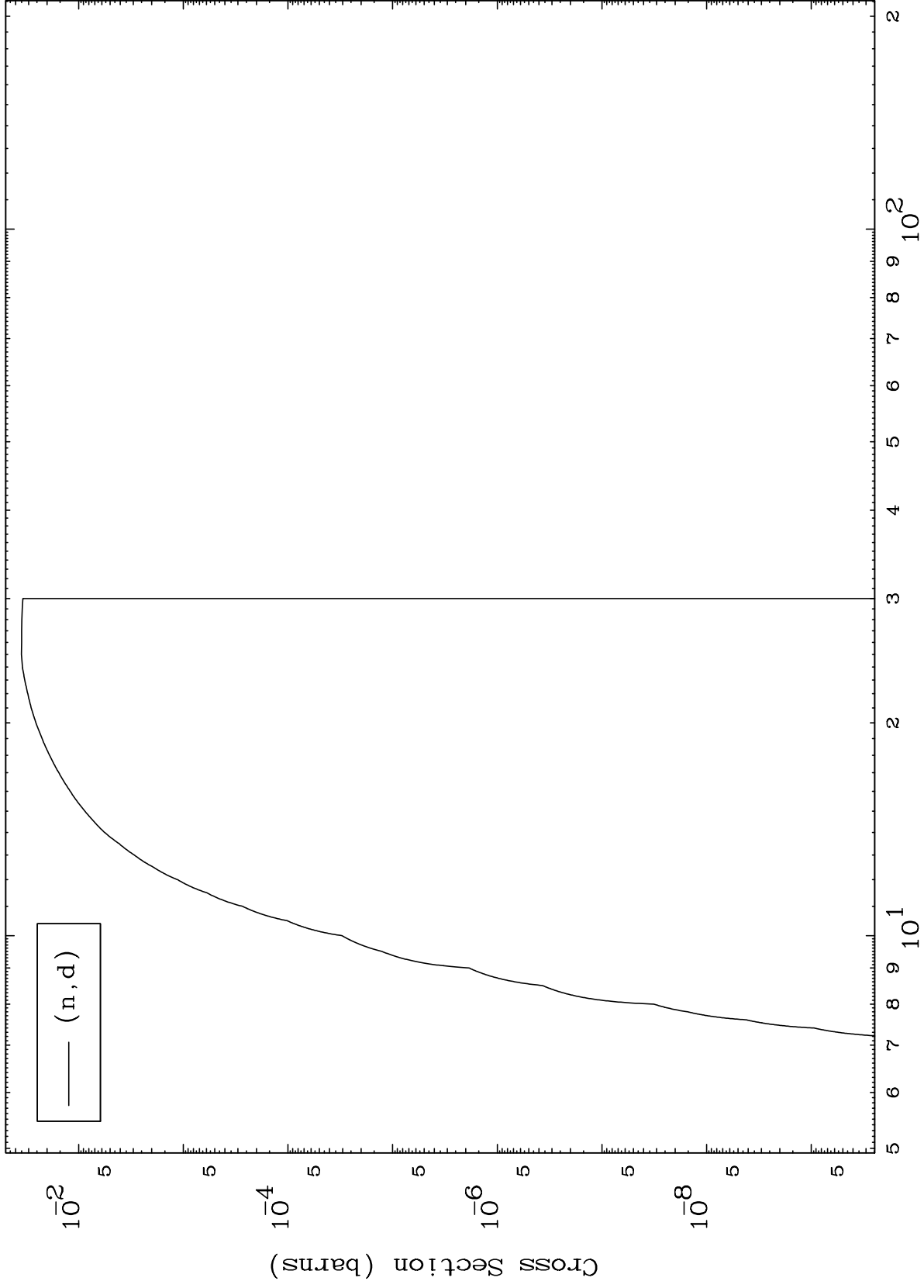
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MAT 4016

(n,d) Levels
293 Kelvin Cross Sections

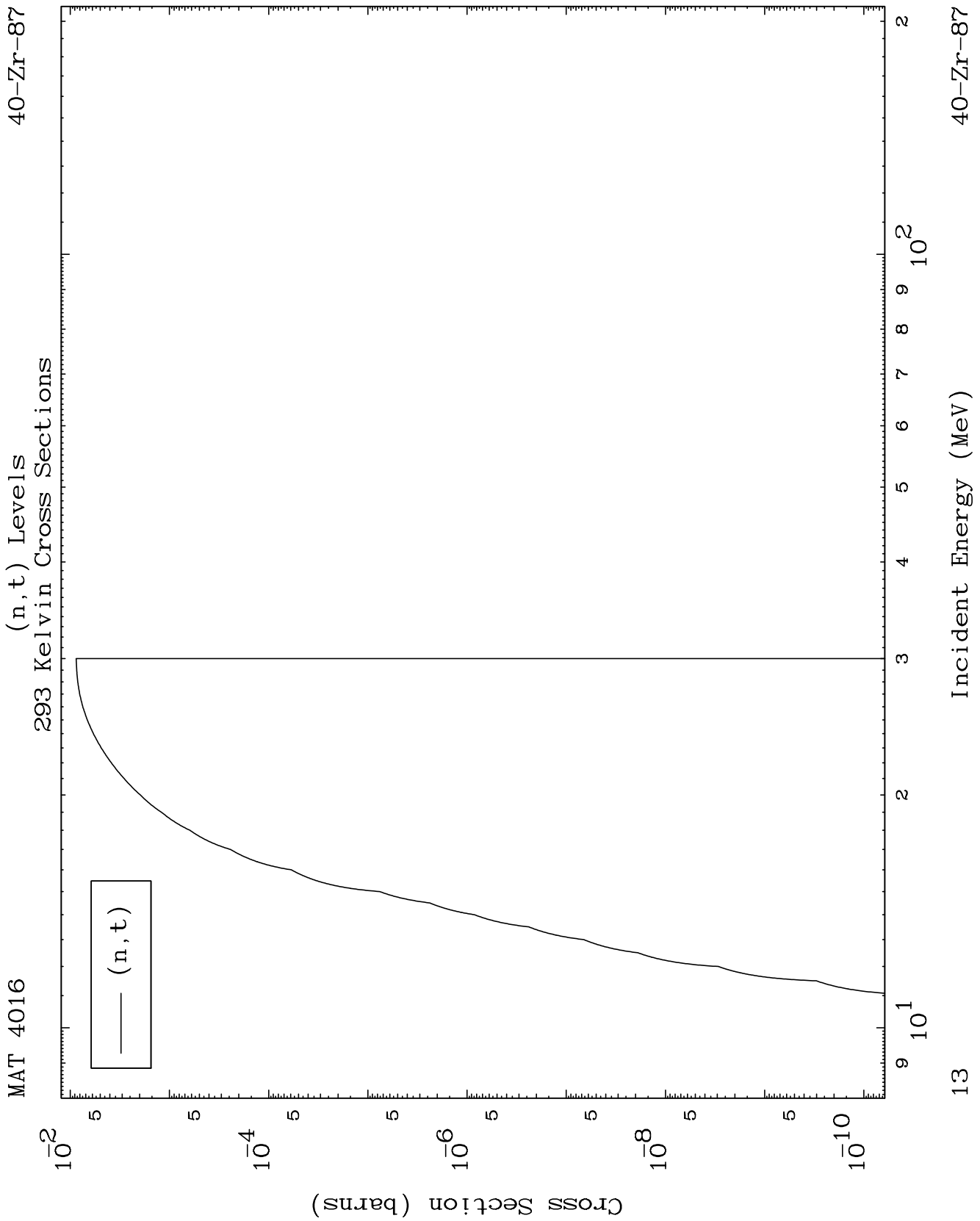
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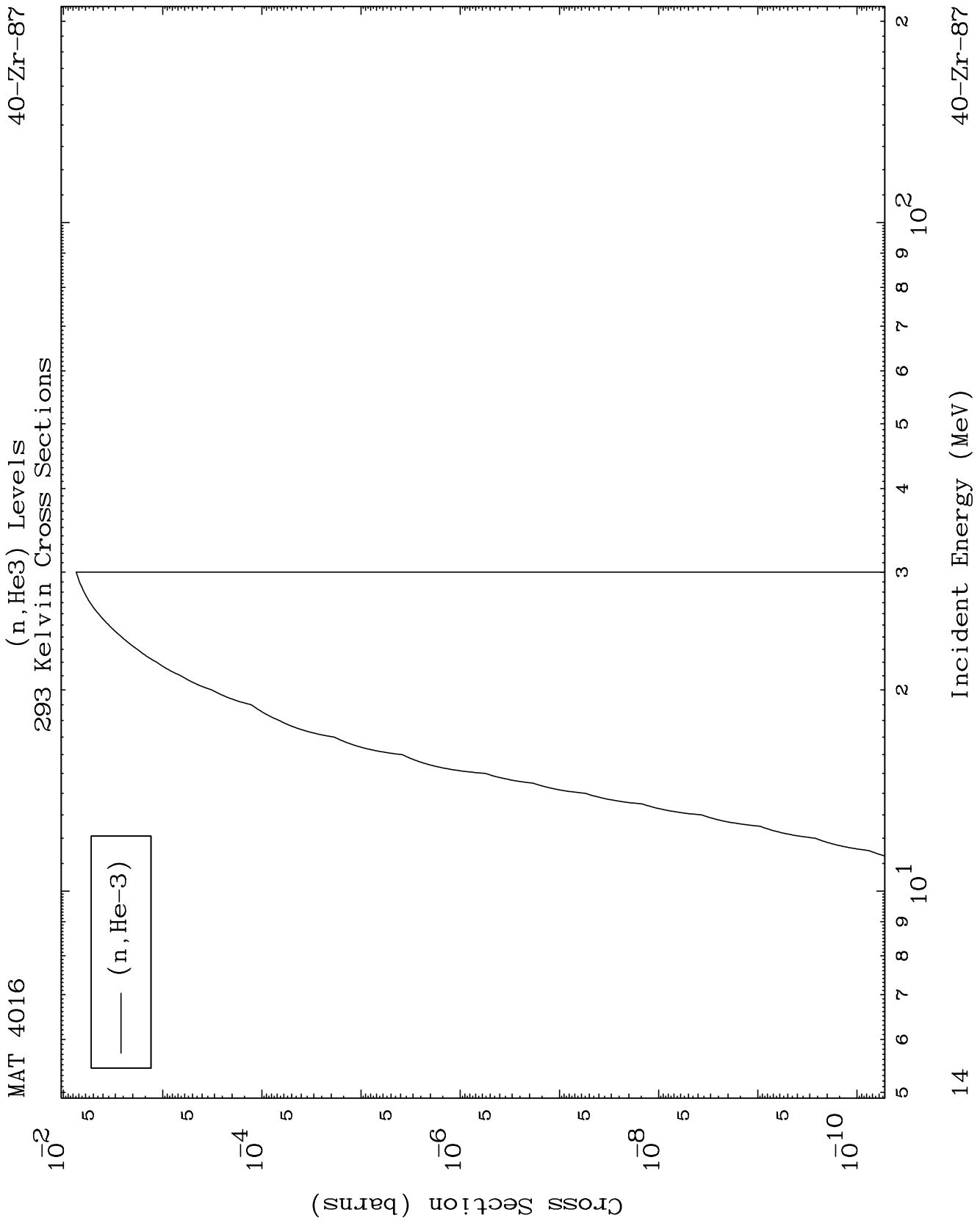


12

Incident Energy (MeV)

40-Zr-87

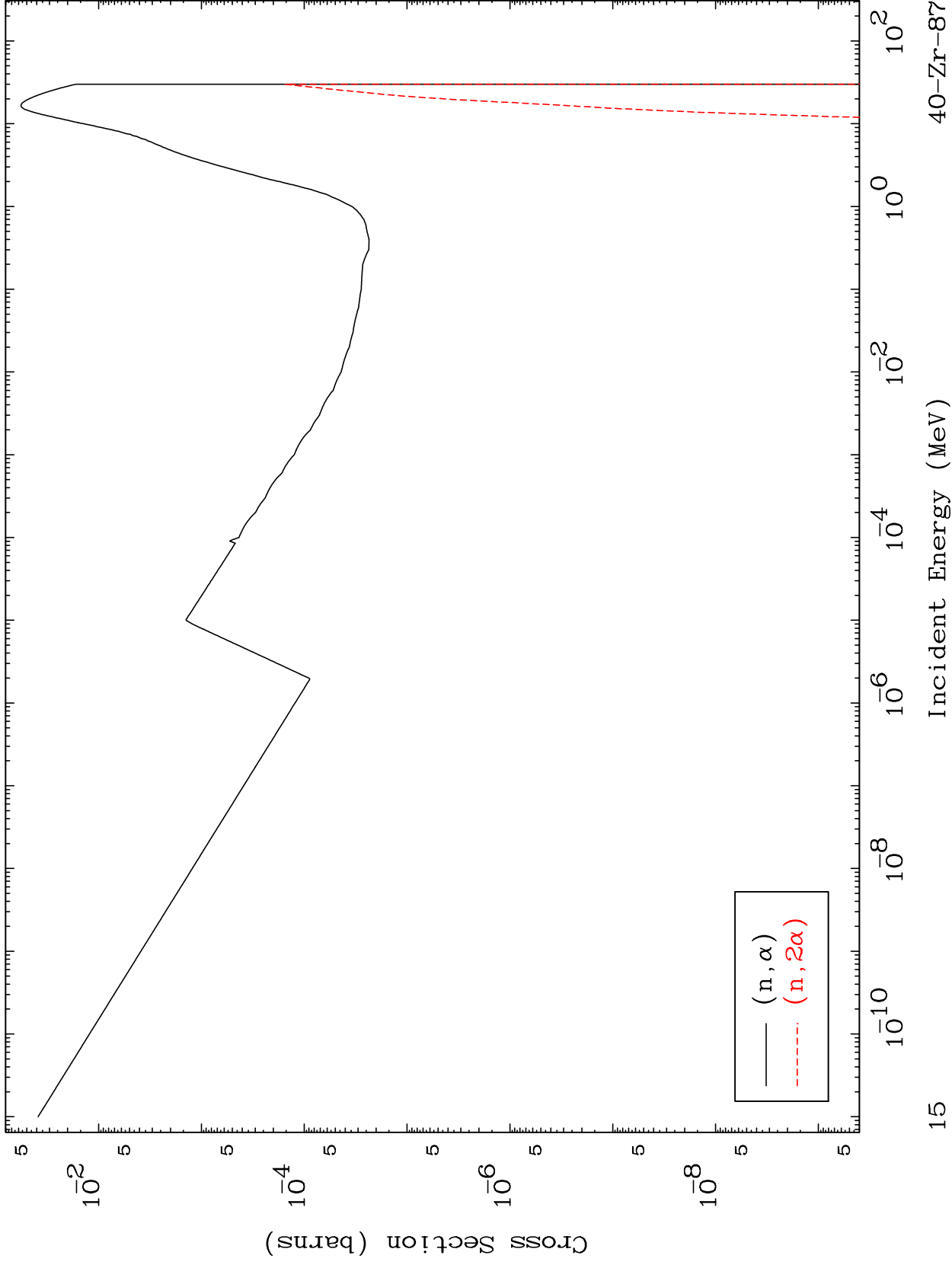




MAT 4016

(n, α) Levels
293 Kelvin Cross Sections

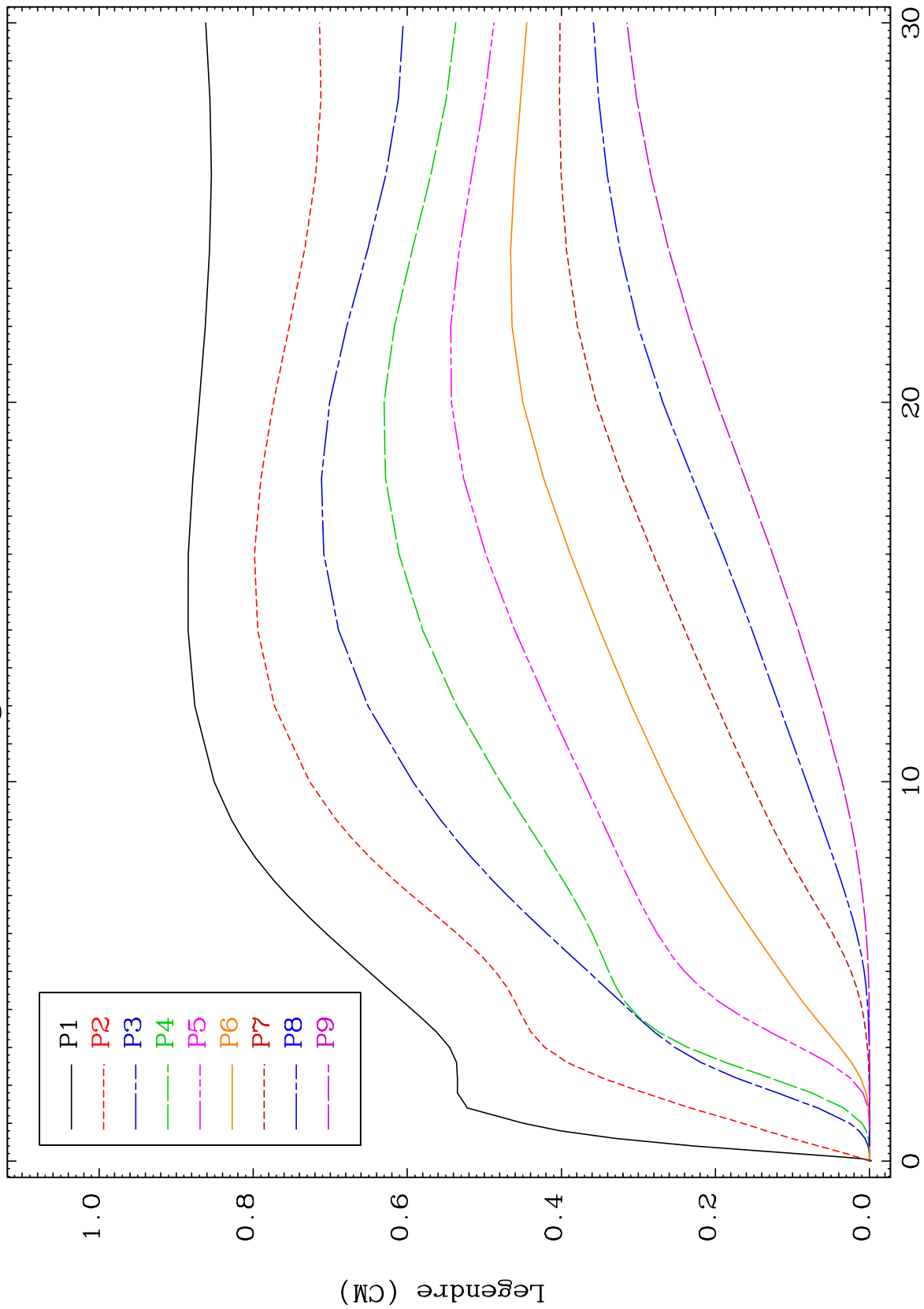
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MAT 4016

Elastic Legendre Coefficients

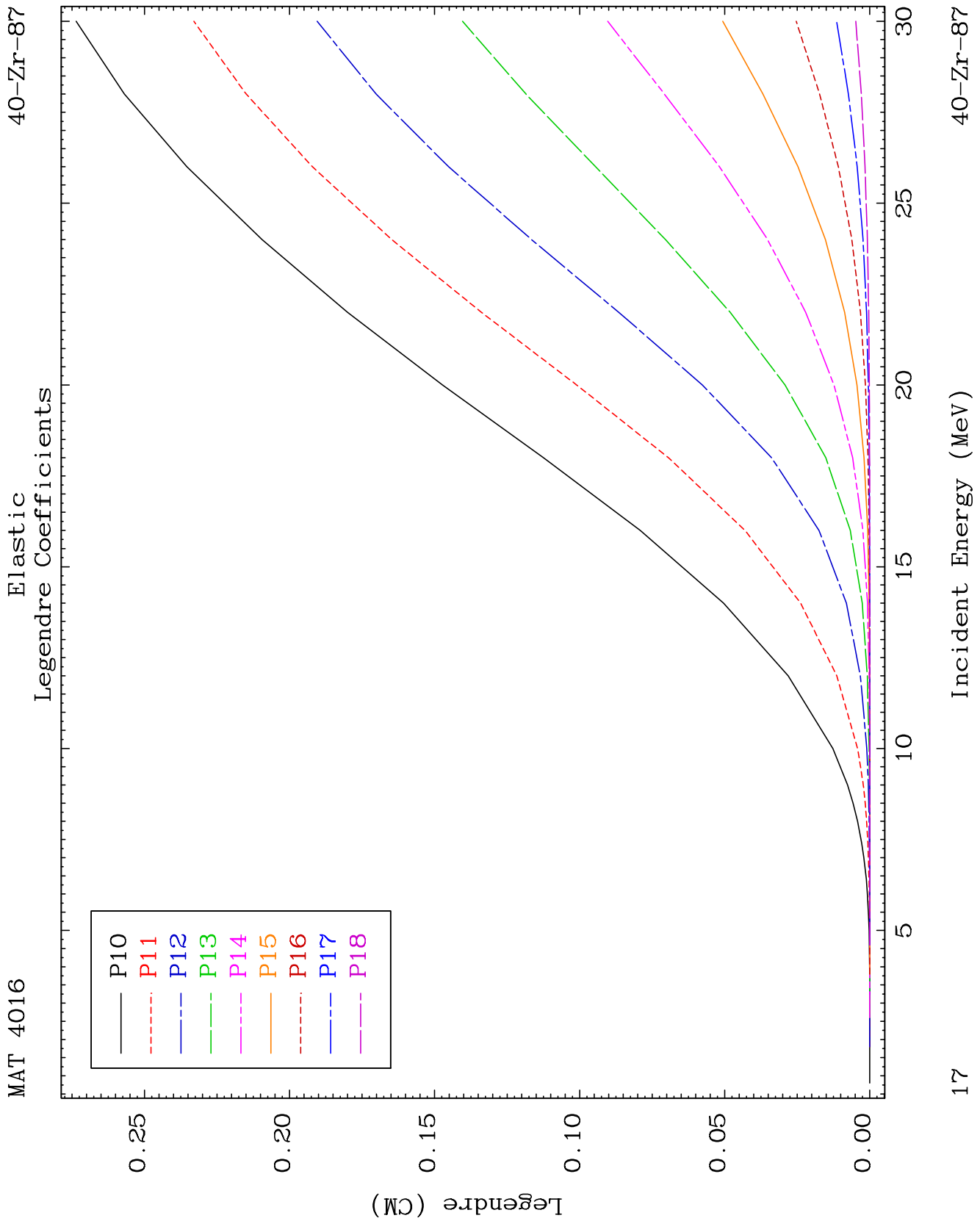
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Incident Energy (MeV)

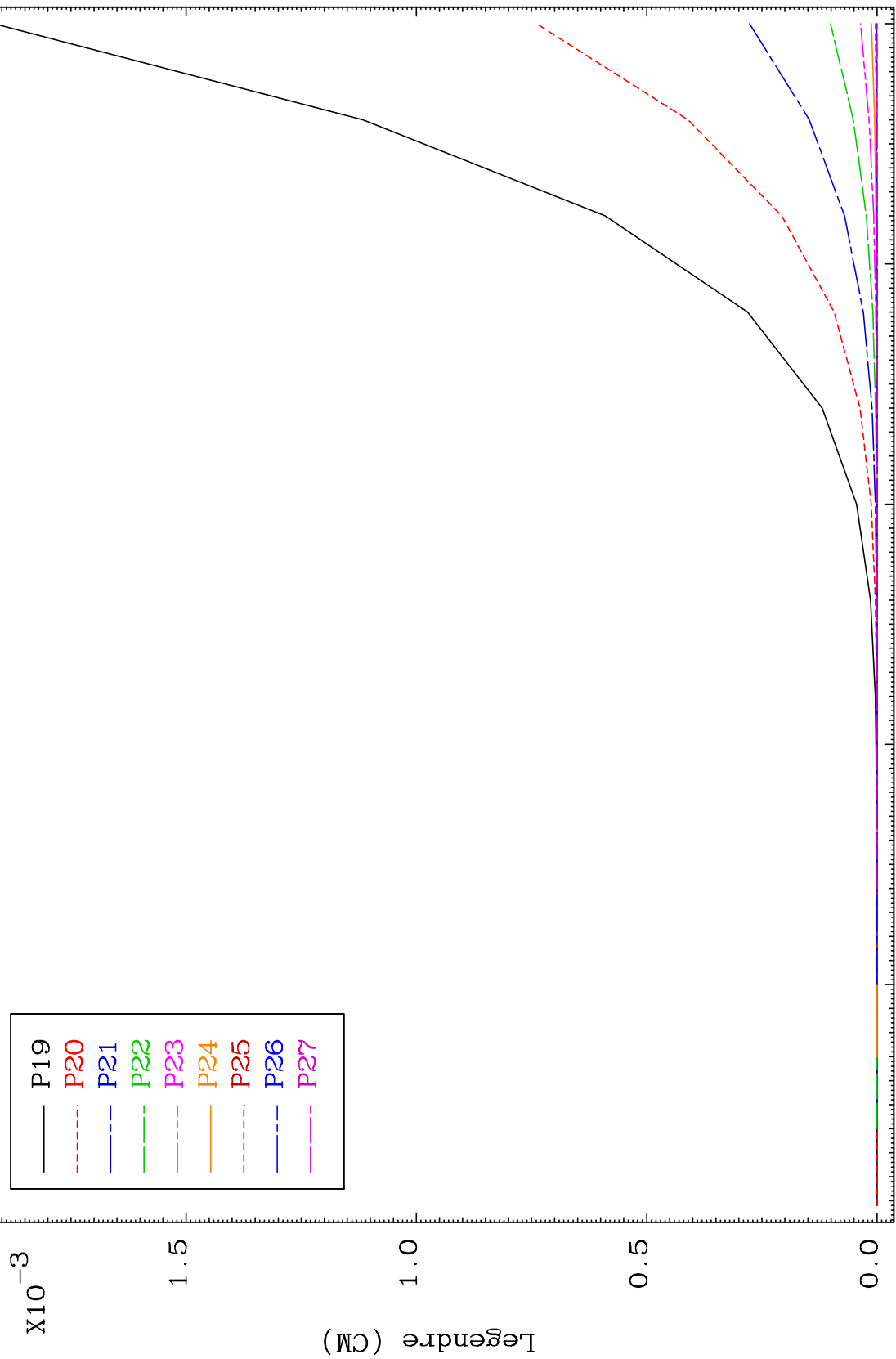
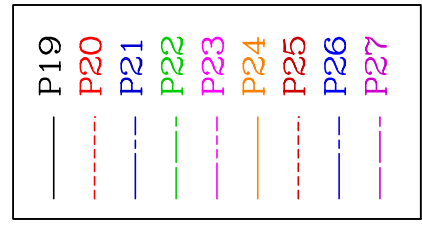
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MAT 4016

Elastic Legendre Coefficients

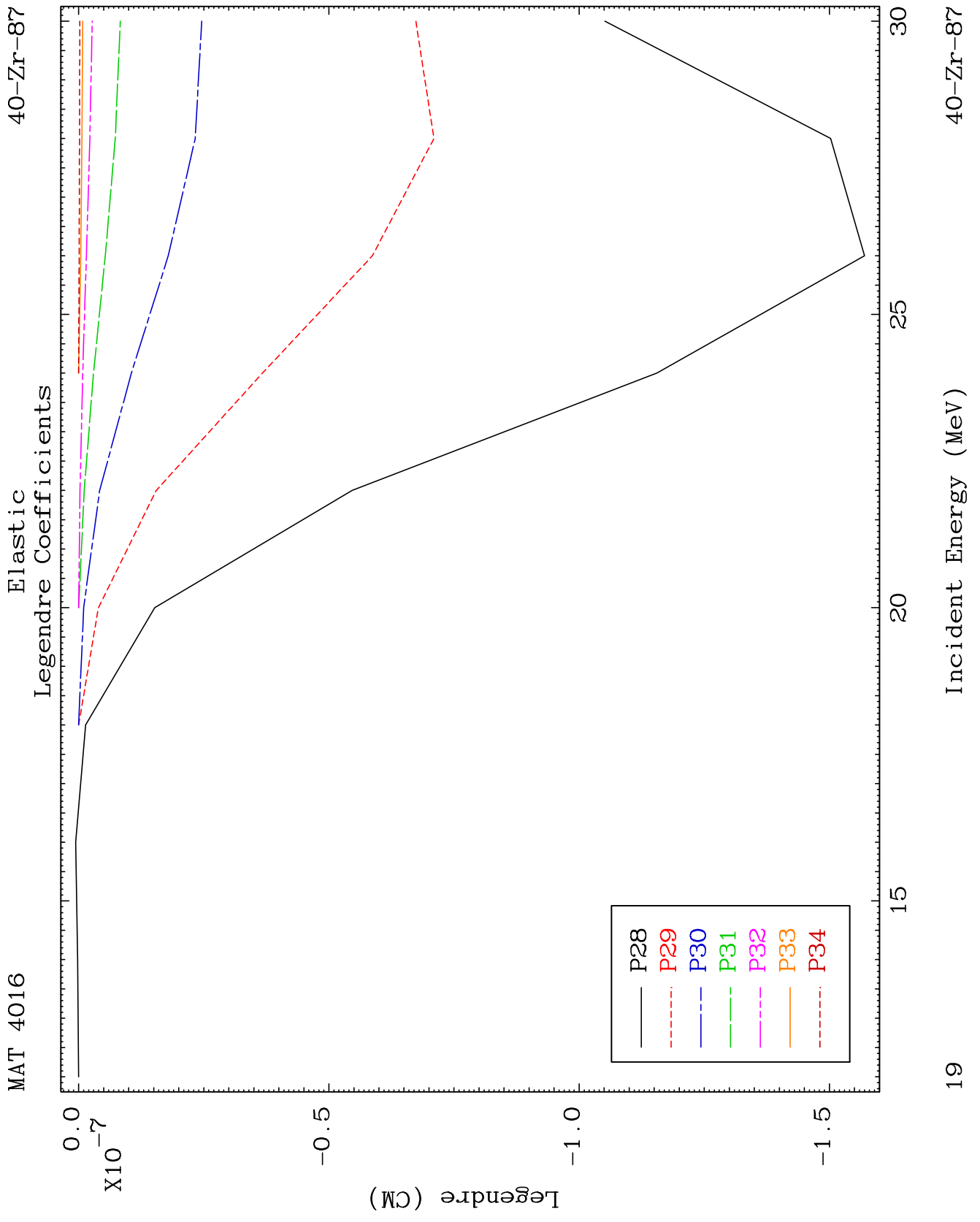
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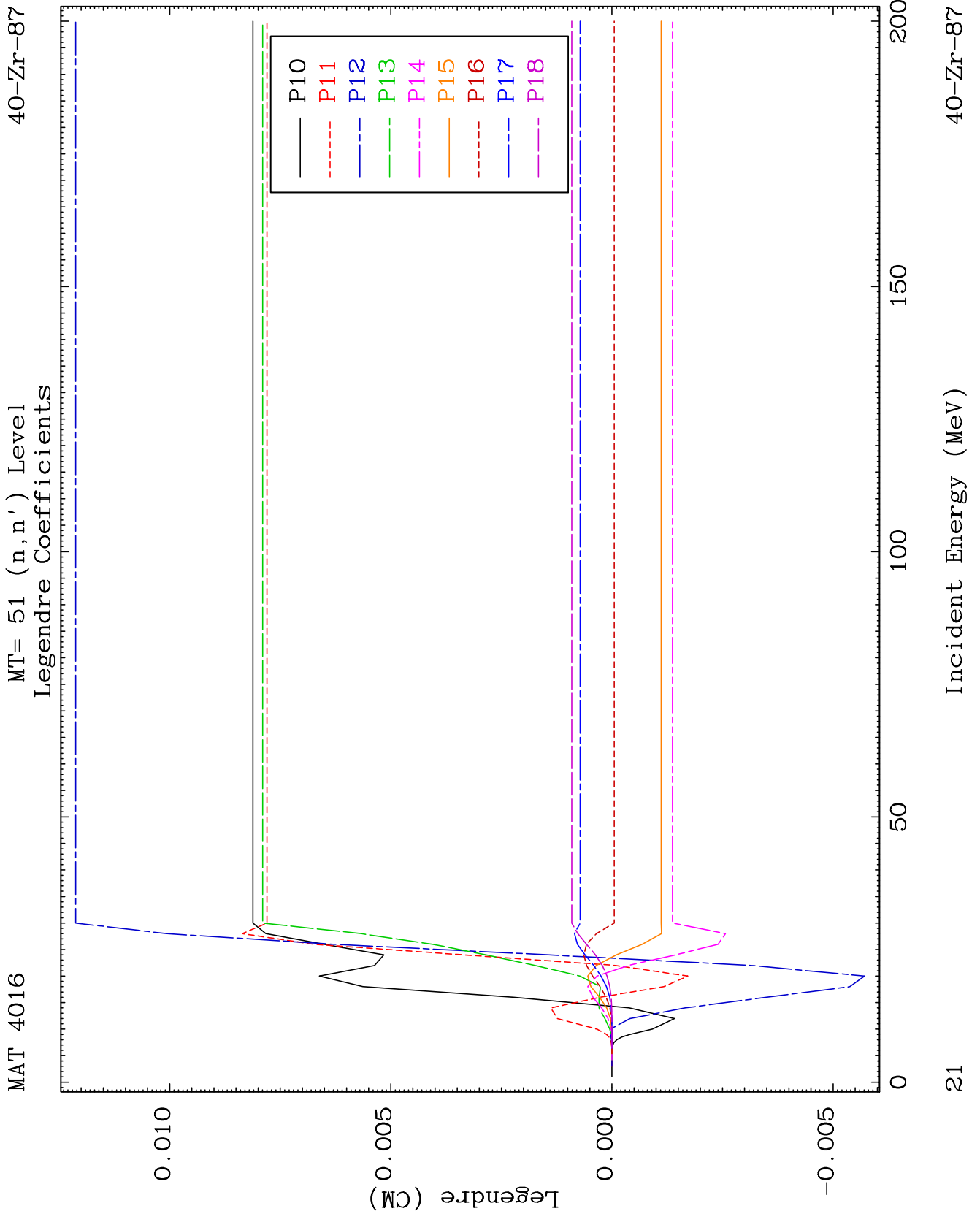


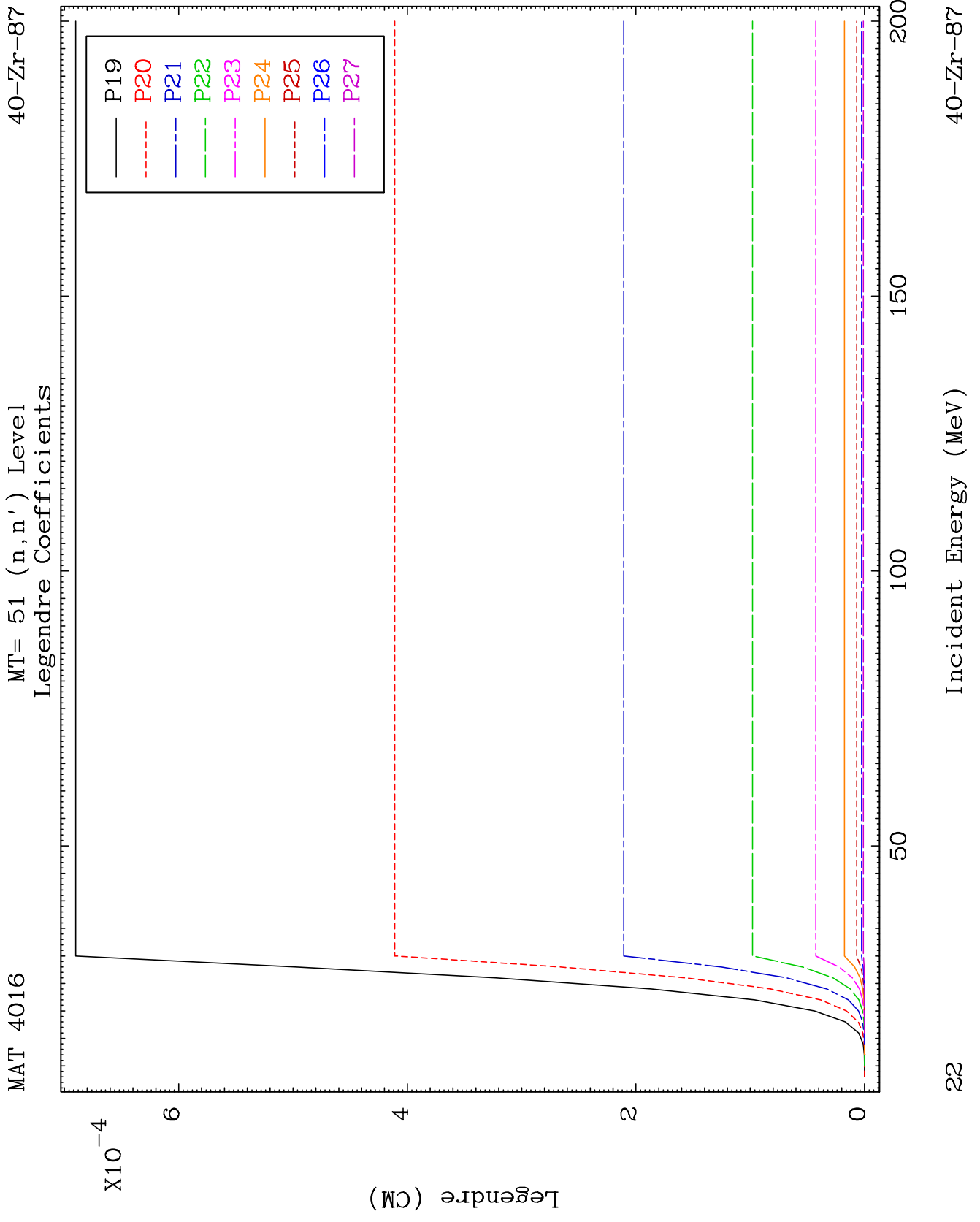
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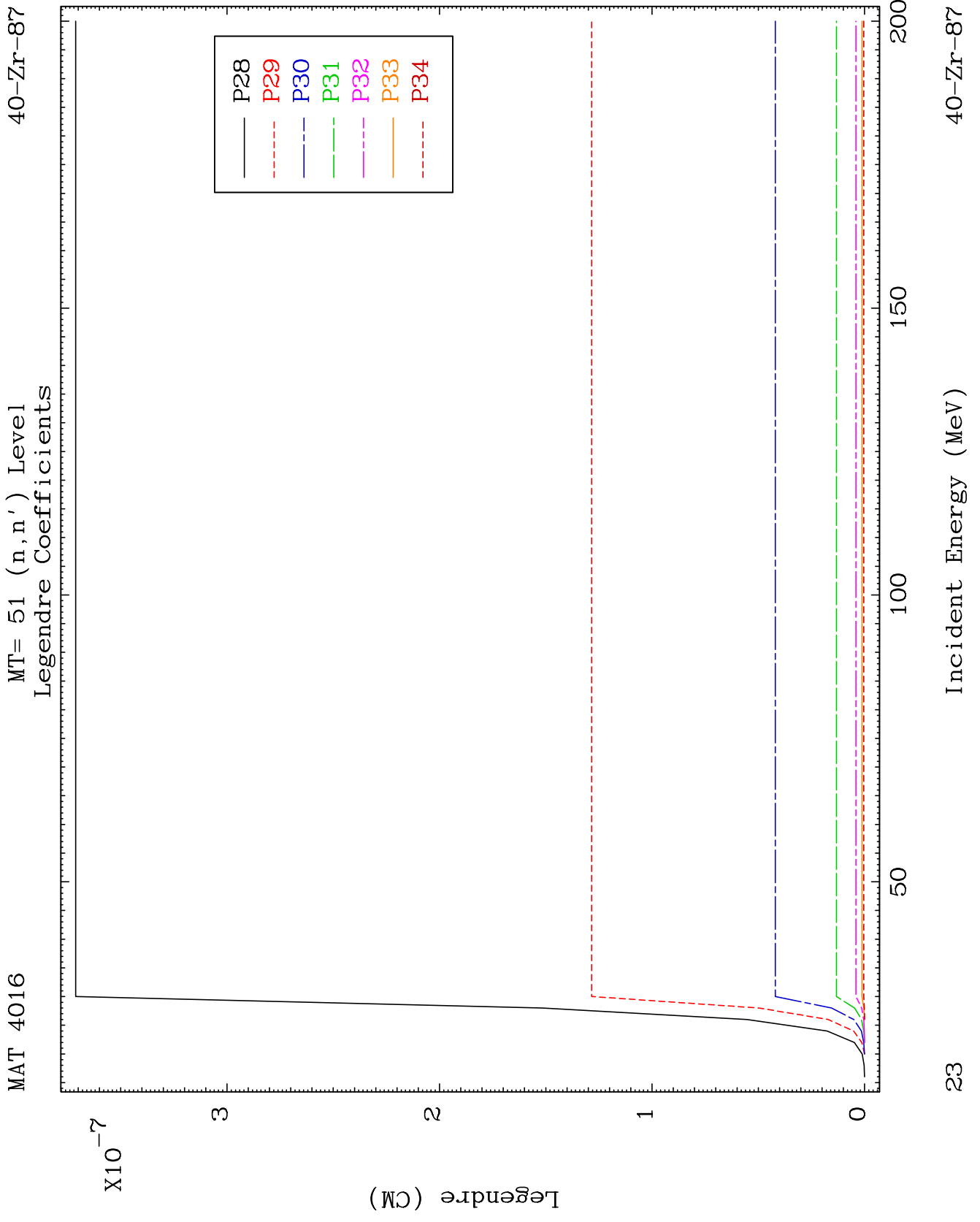
Incident Energy (MeV)

40-Zr-87





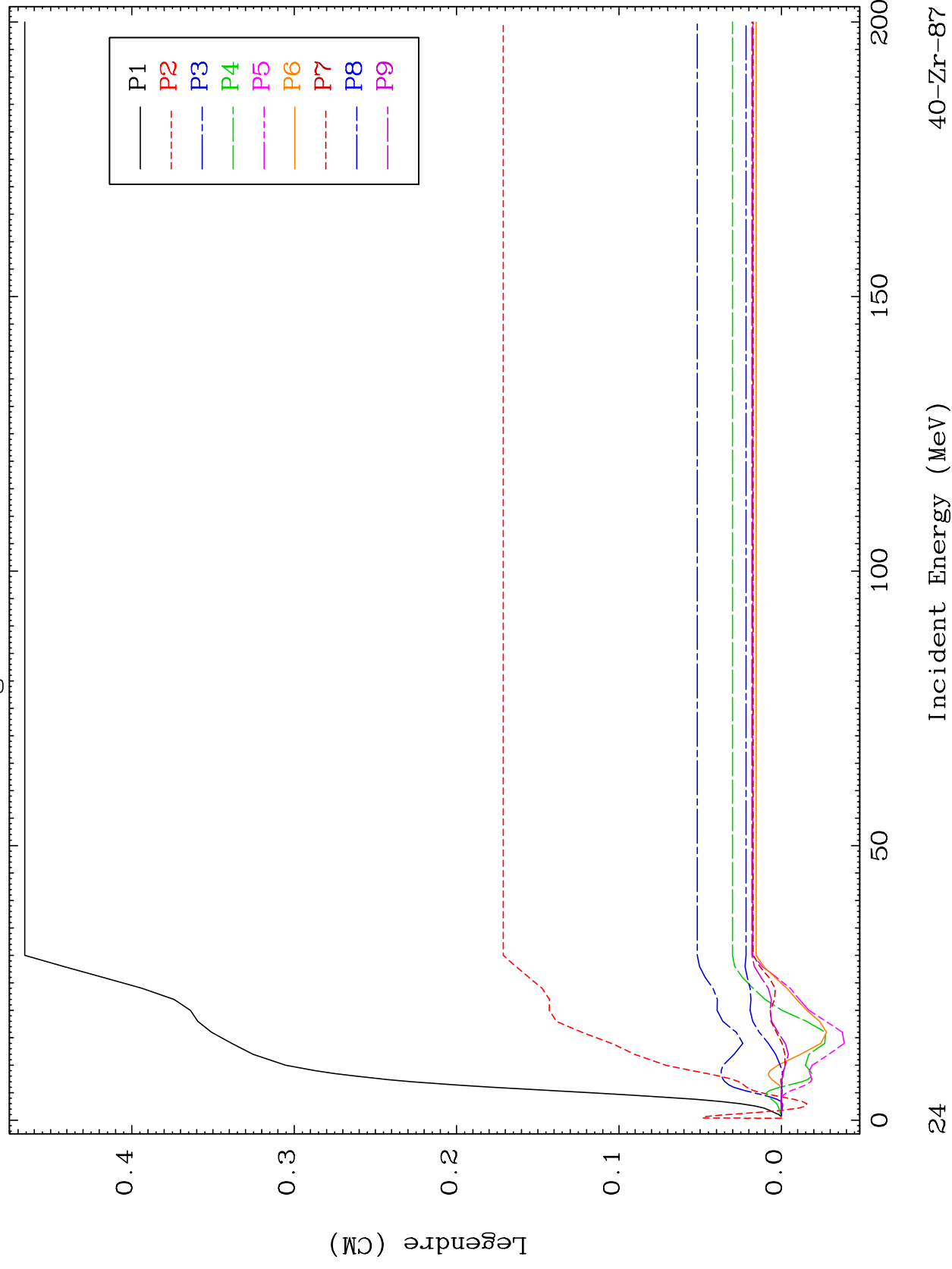




MAT 4016

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

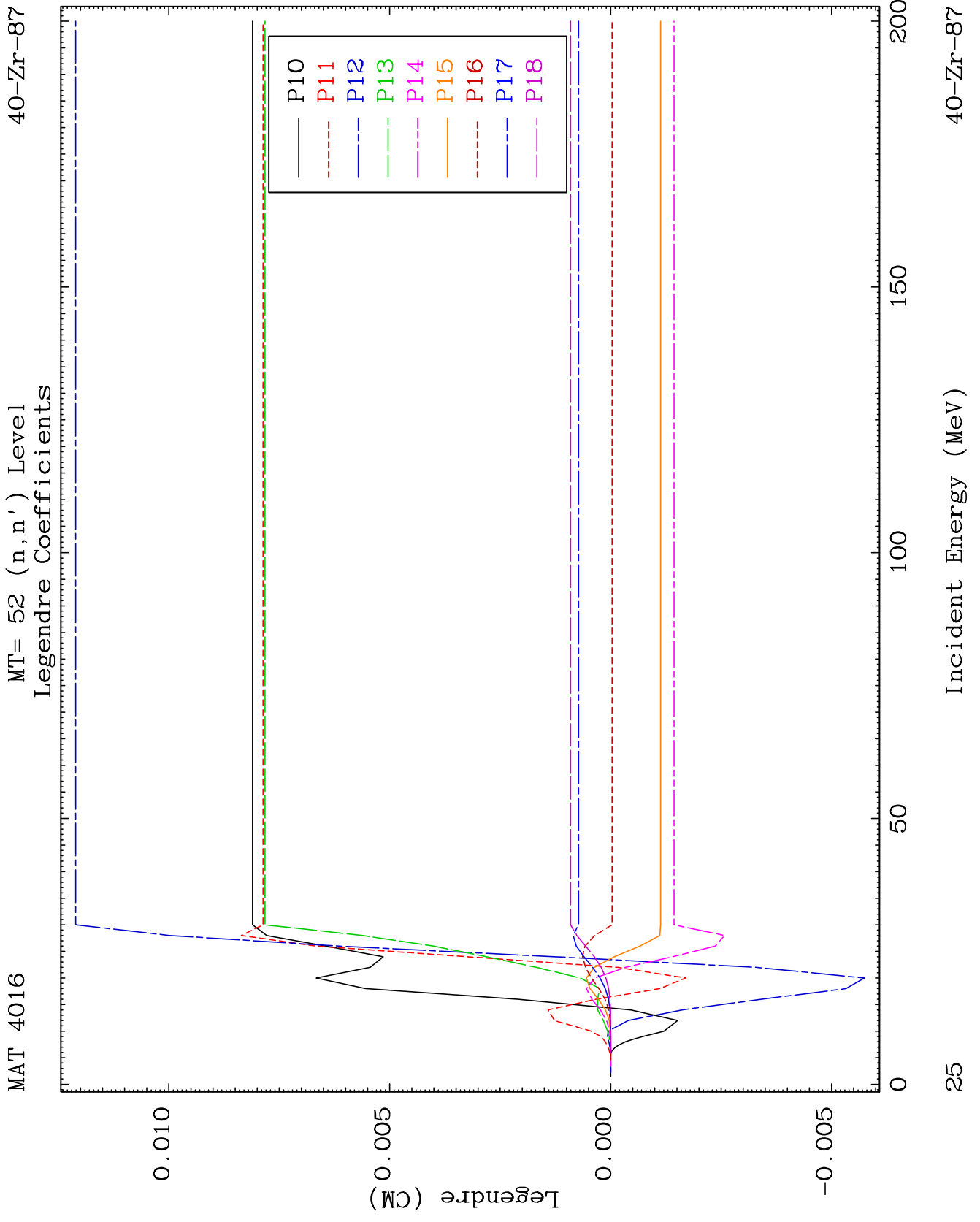
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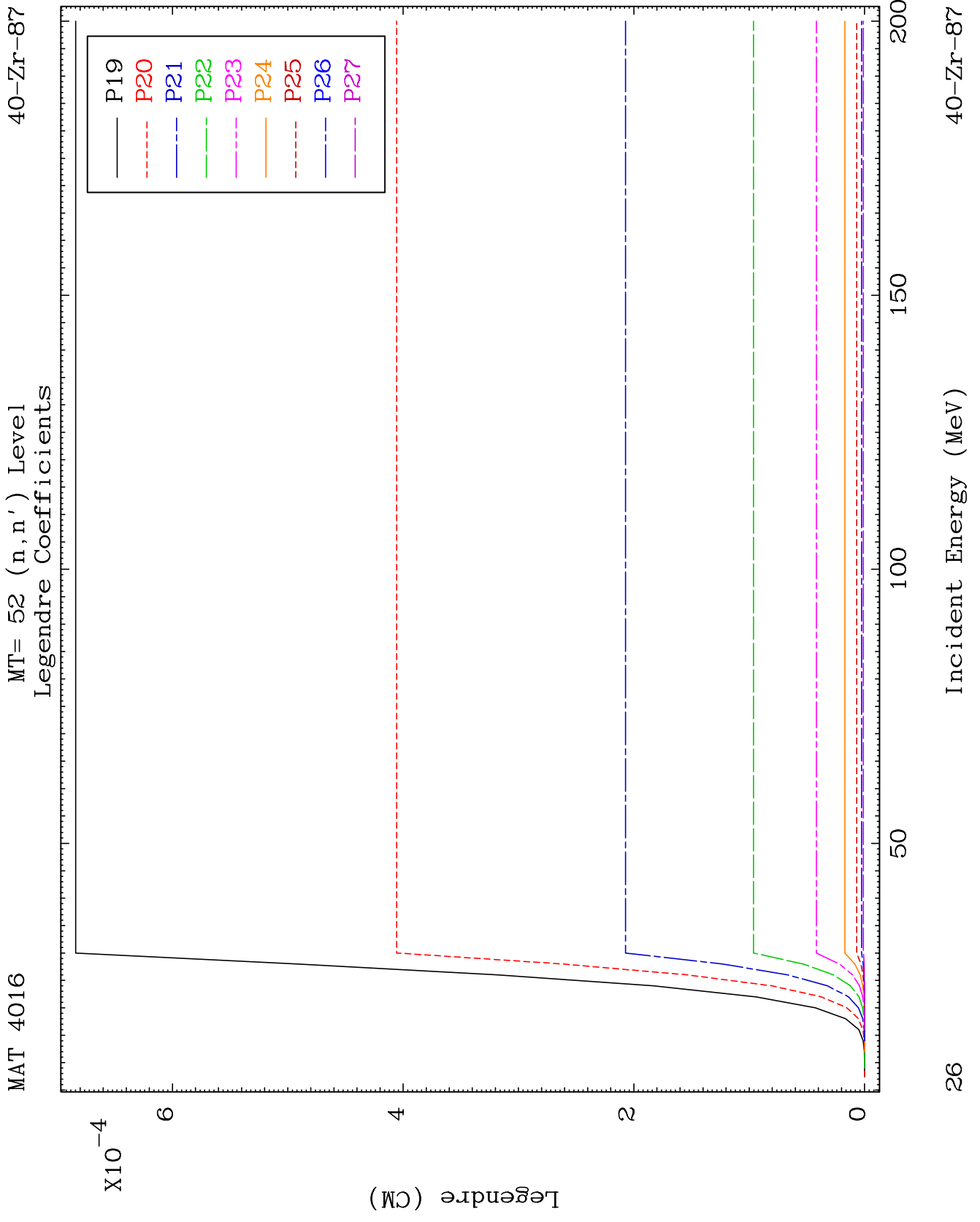


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Incident Energy (MeV)

40-Zr-87

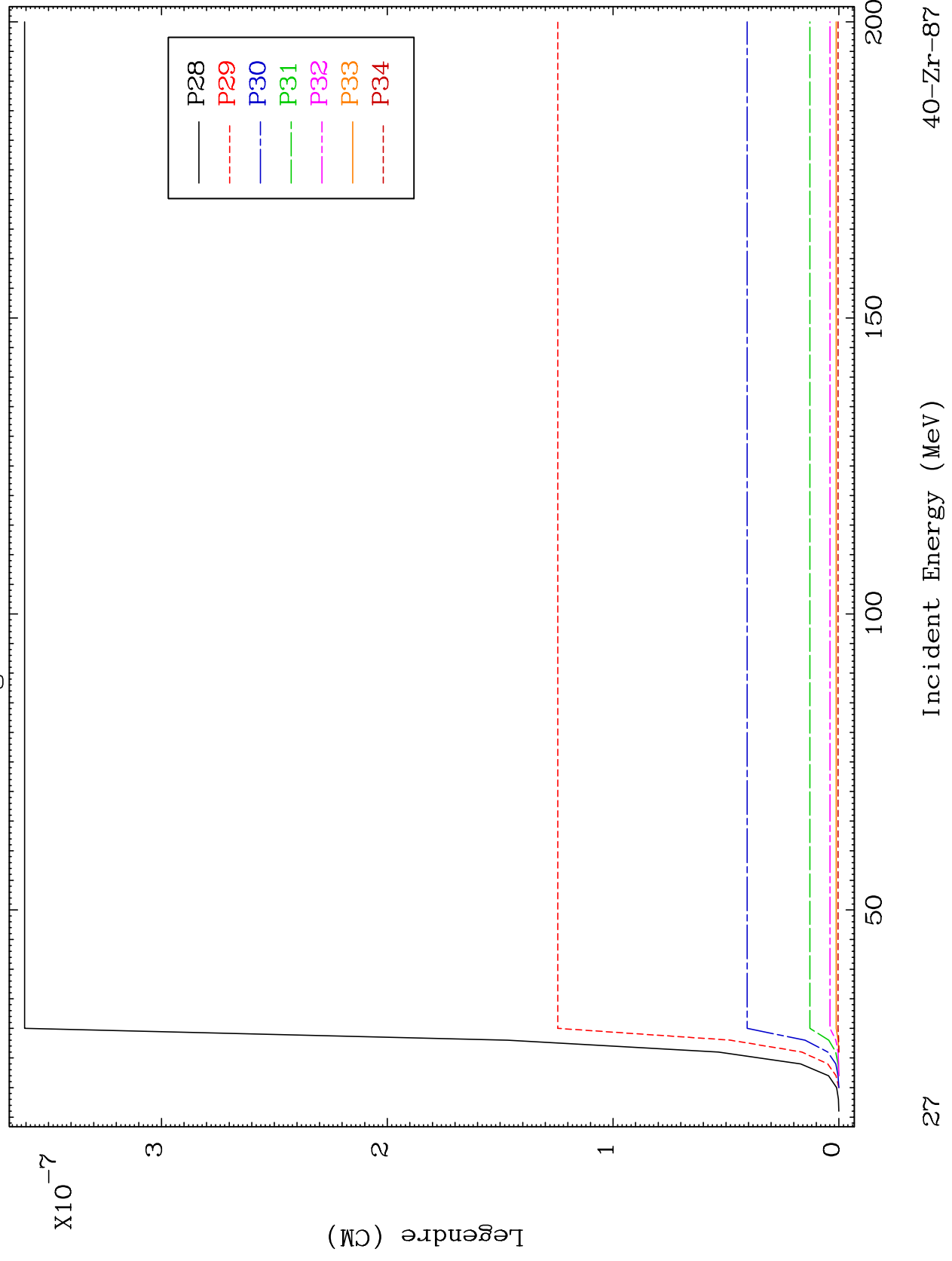




MAT 4016

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

40-Zr-87



27

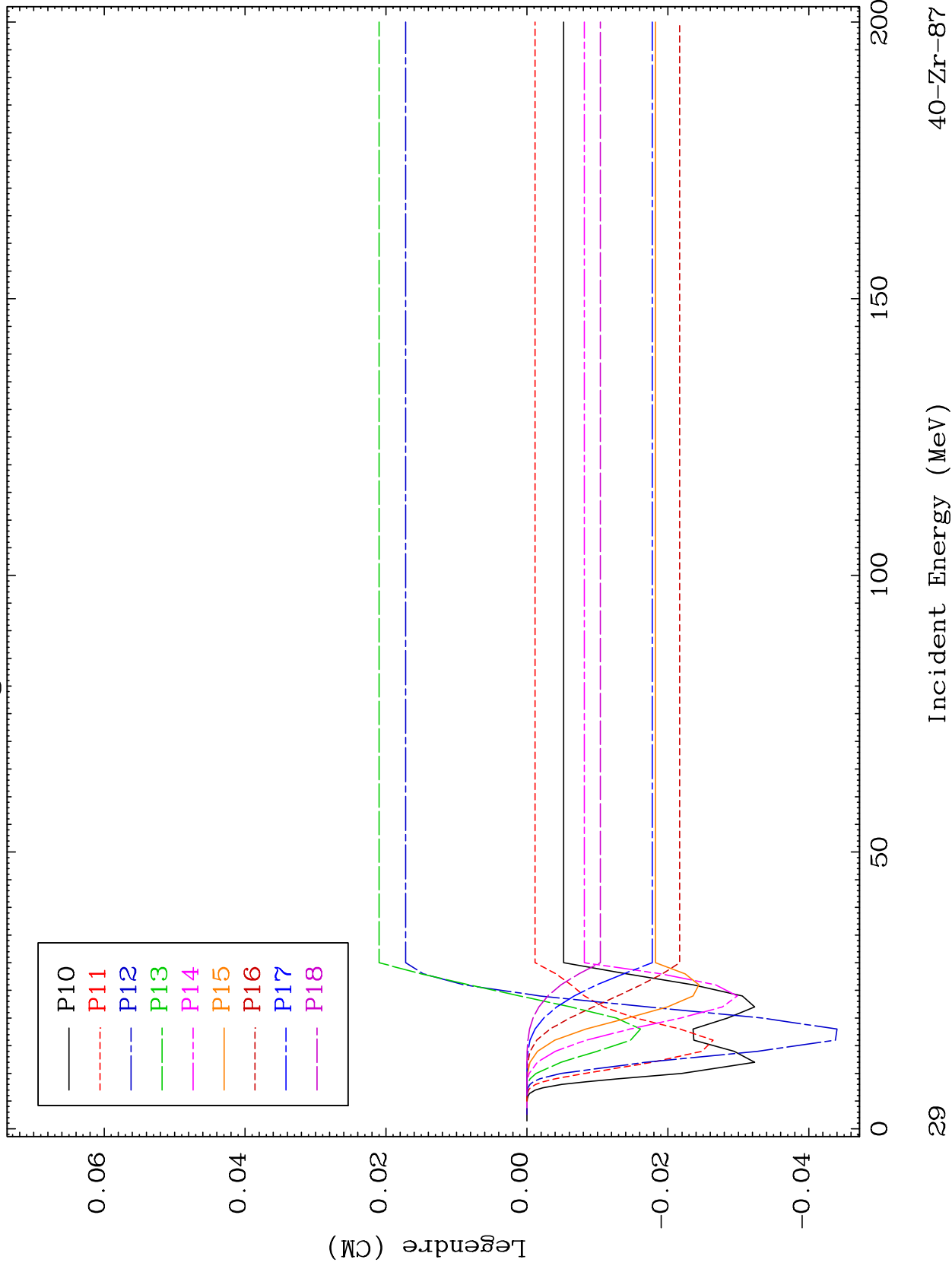
Incident Energy (MeV)

40-Zr-87

MAT 4016

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

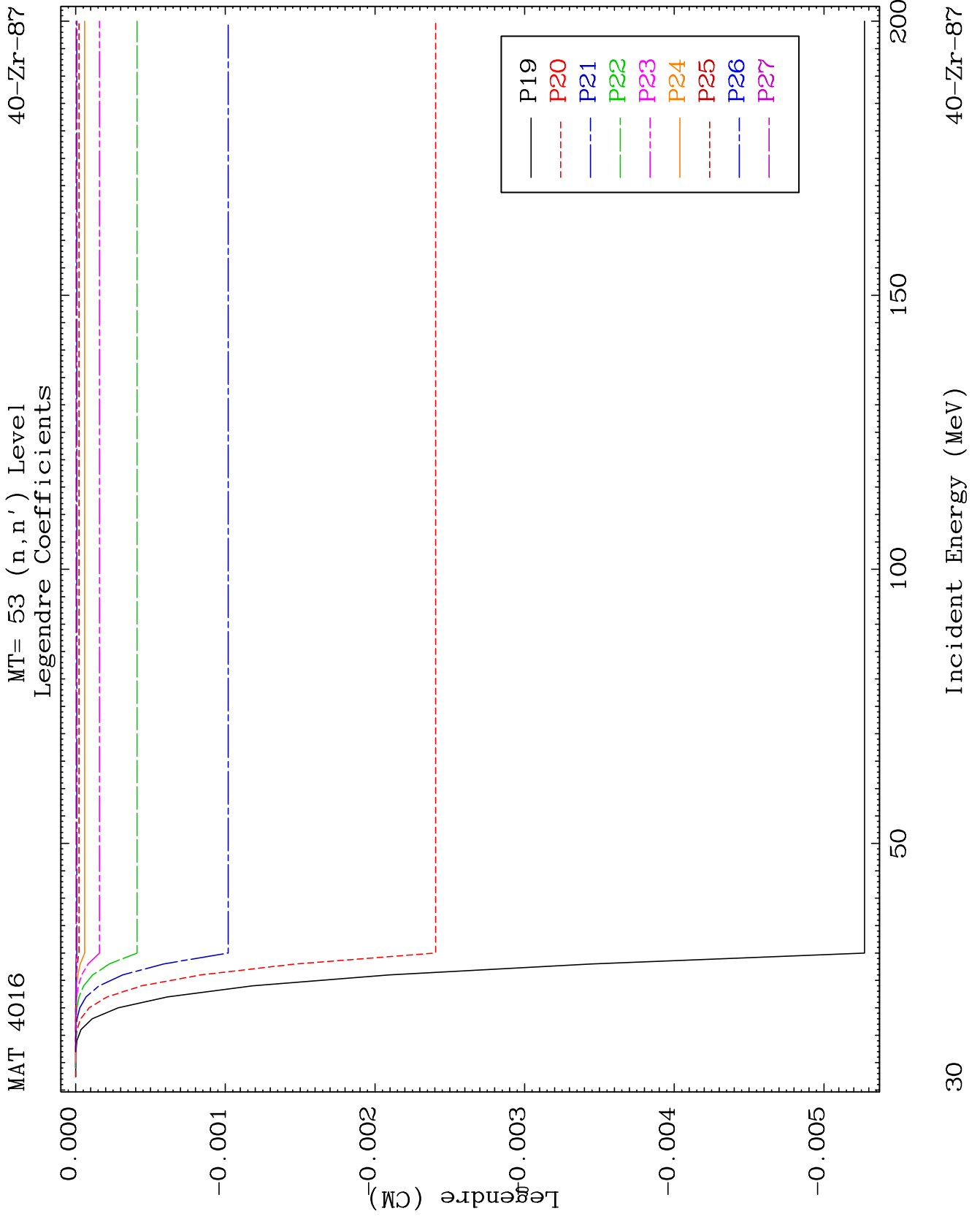
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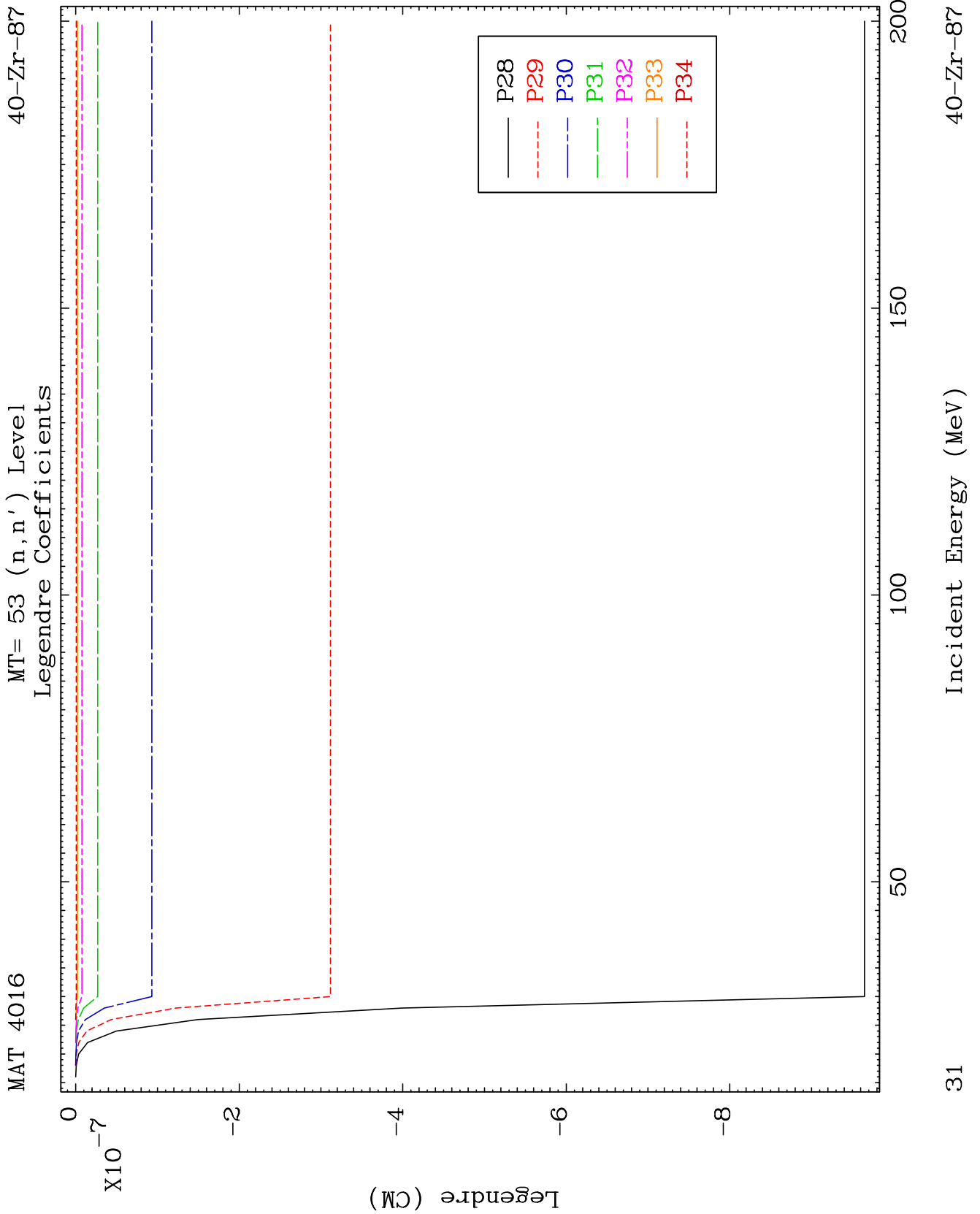


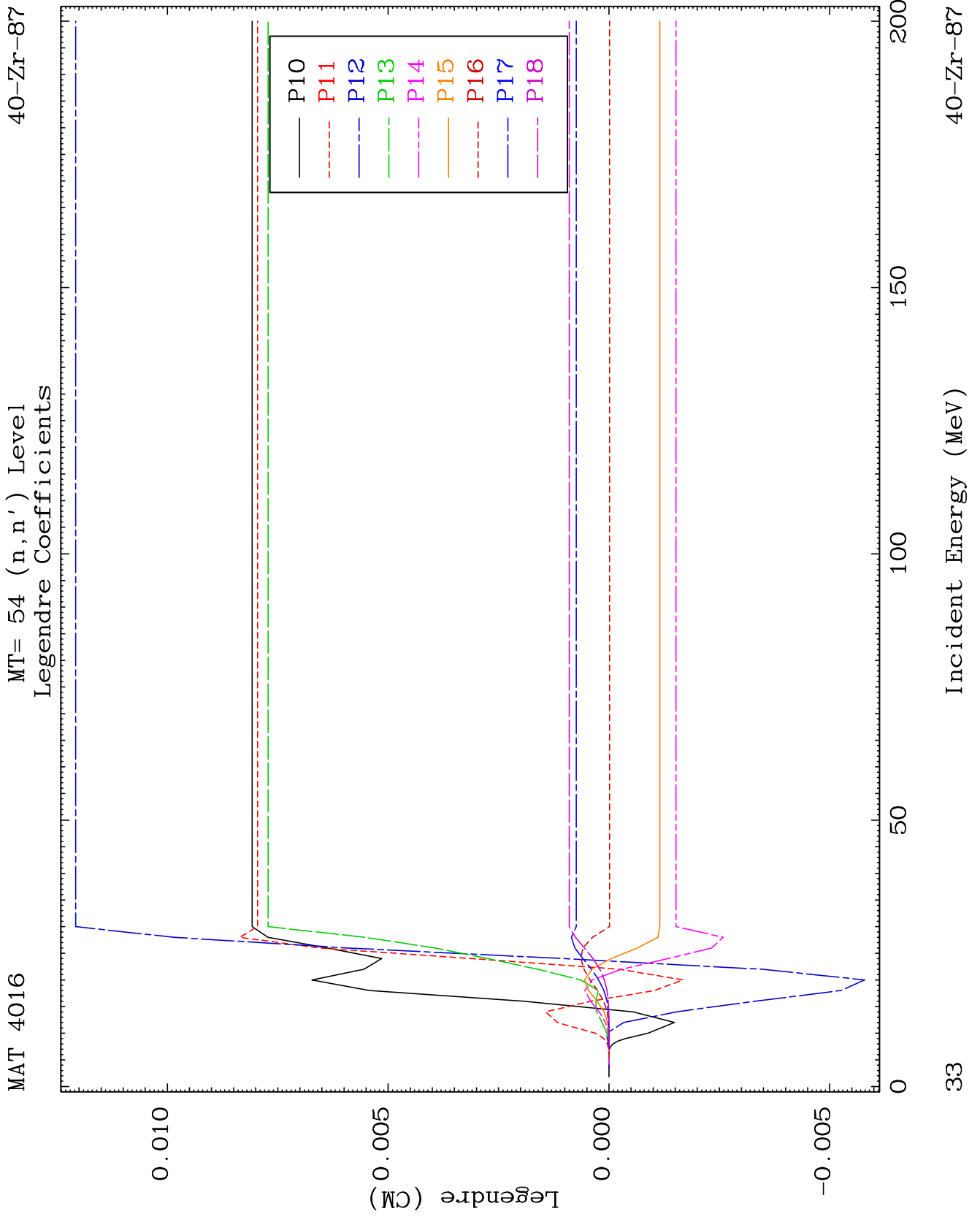
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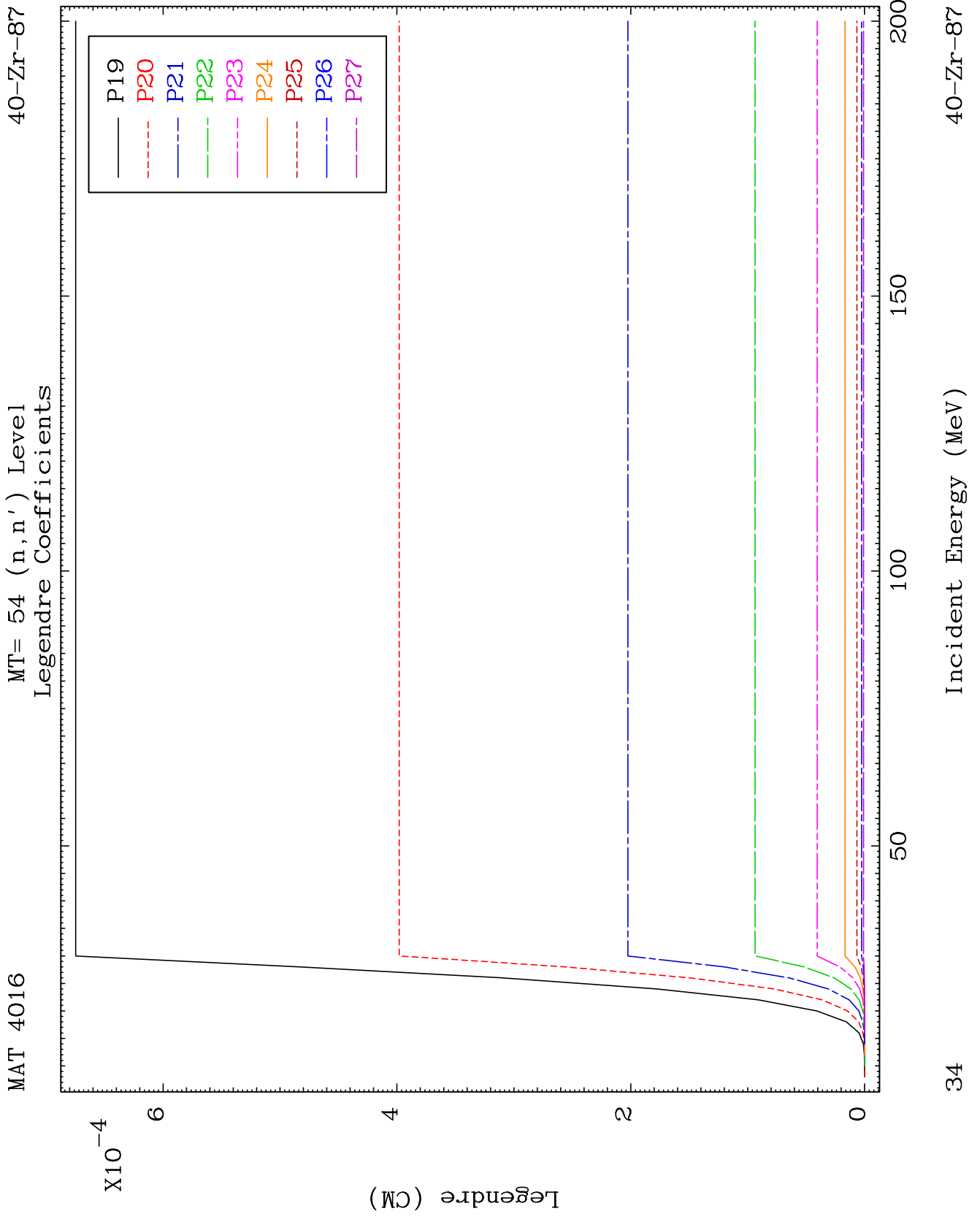
Incident Energy (MeV)

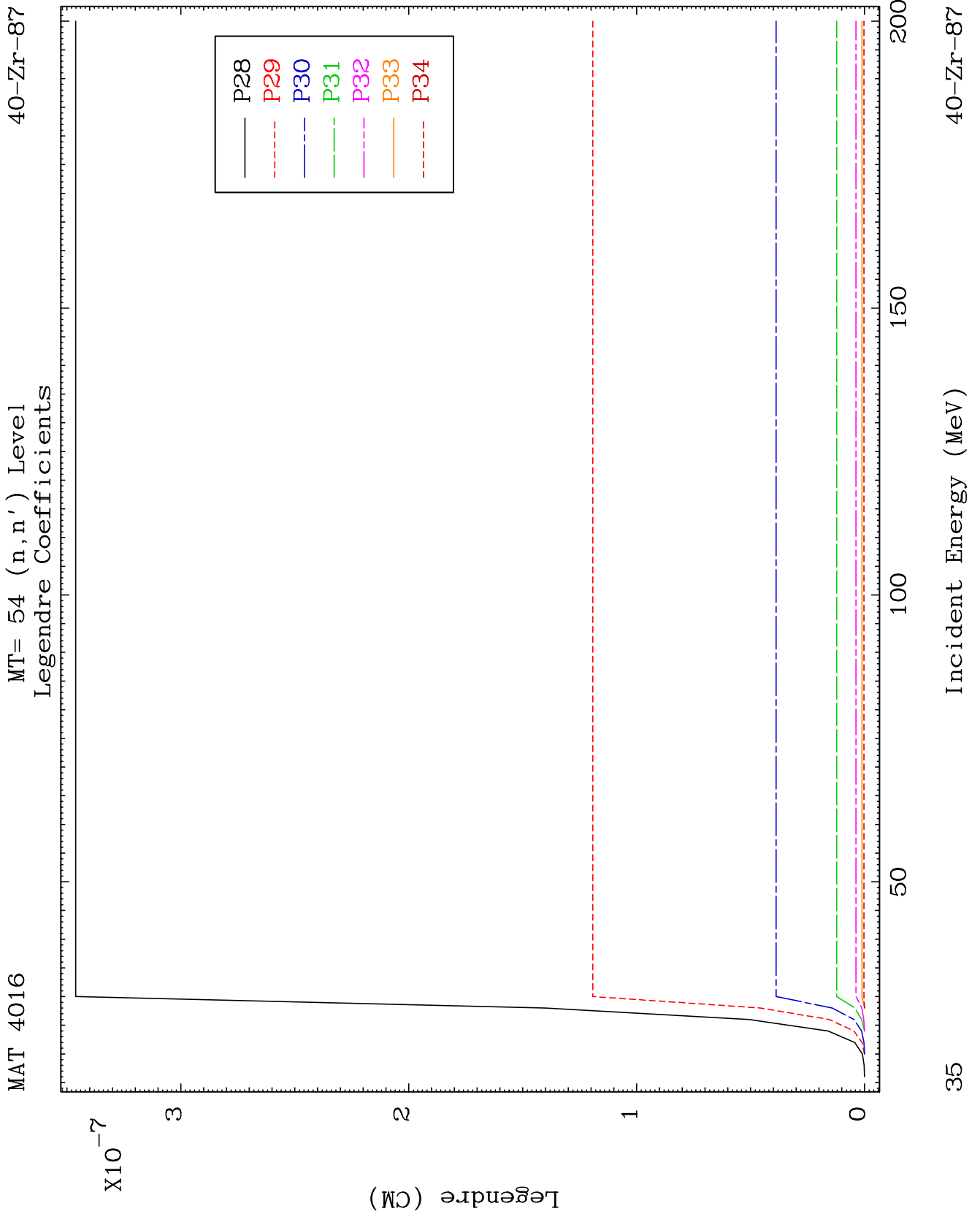
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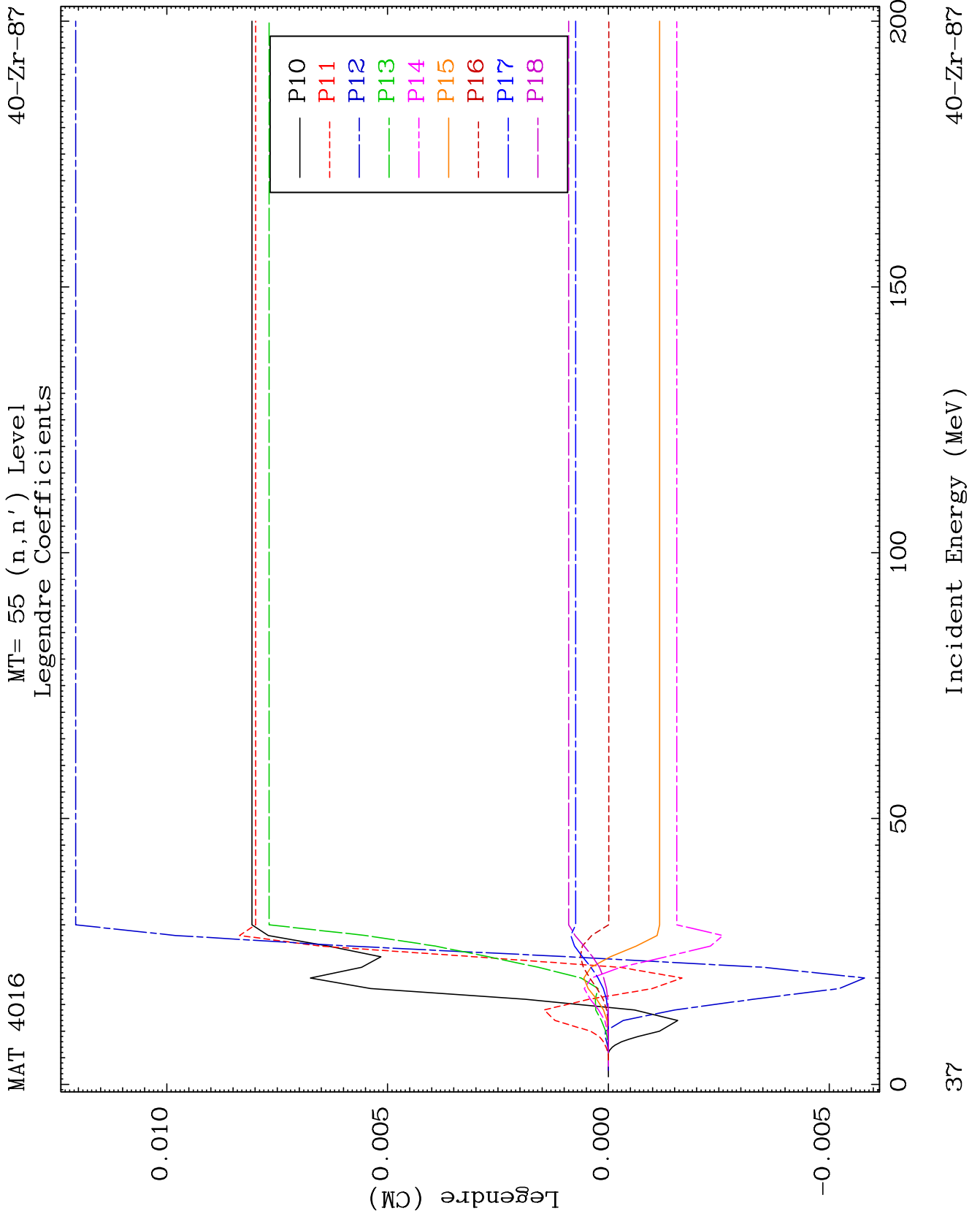


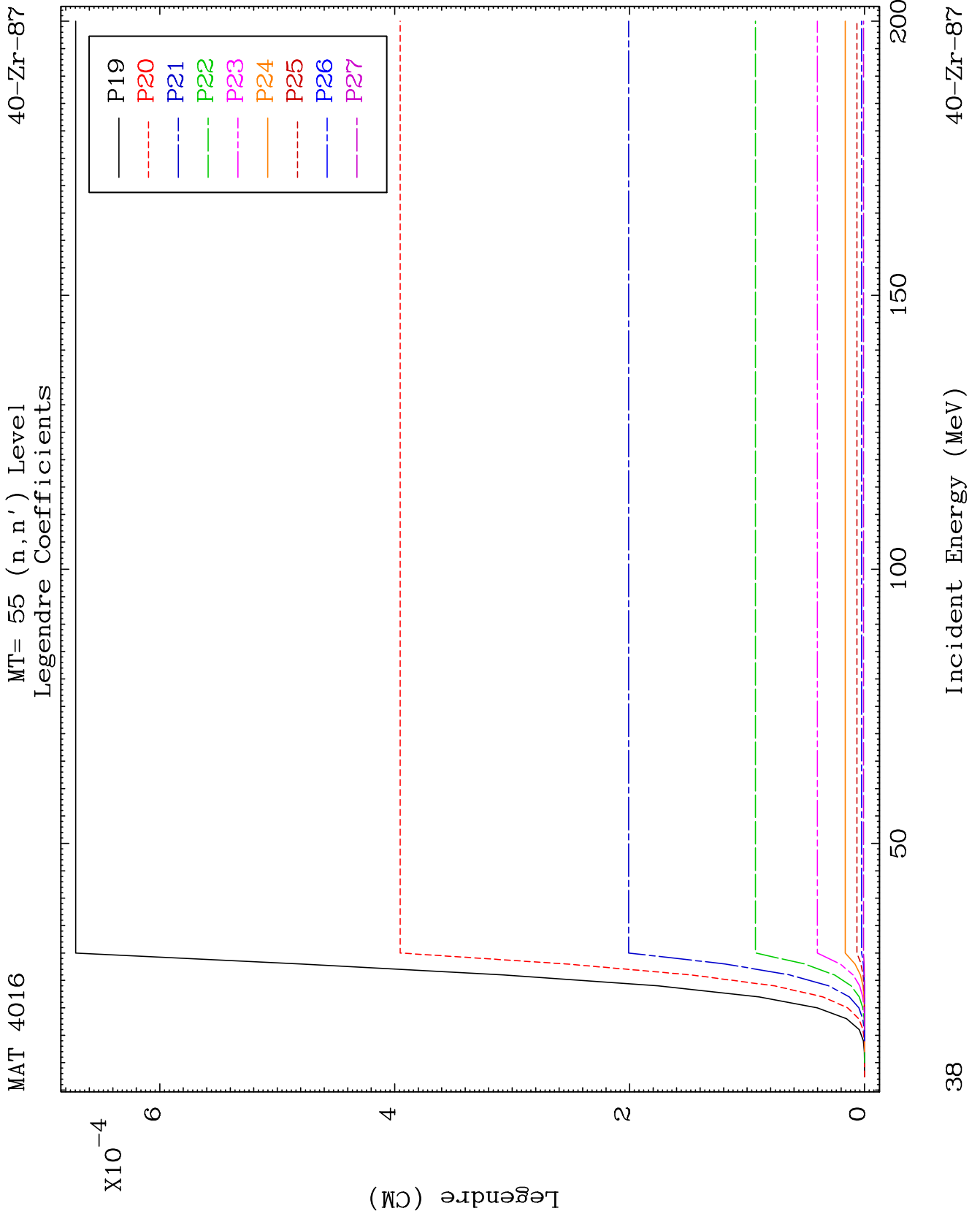


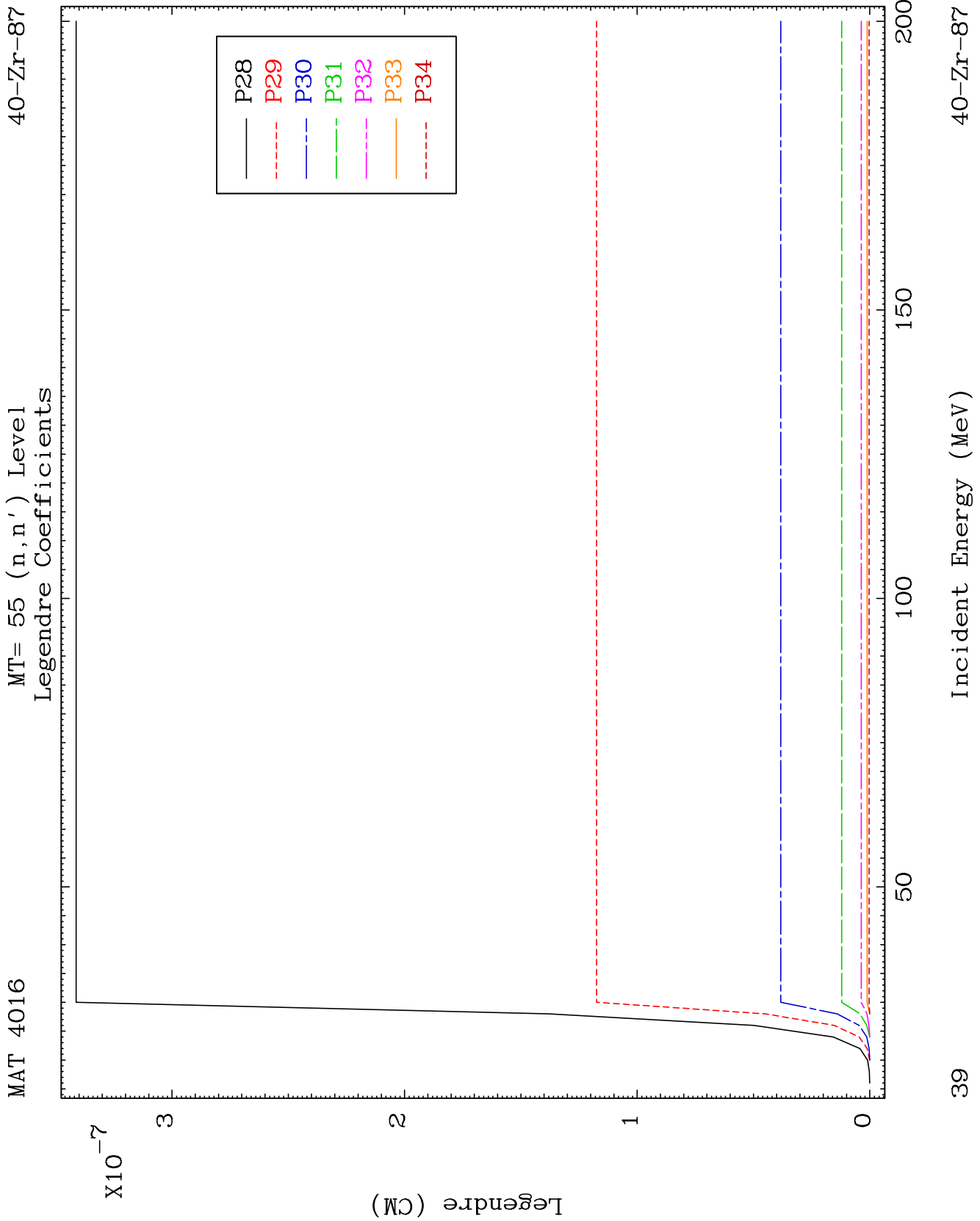


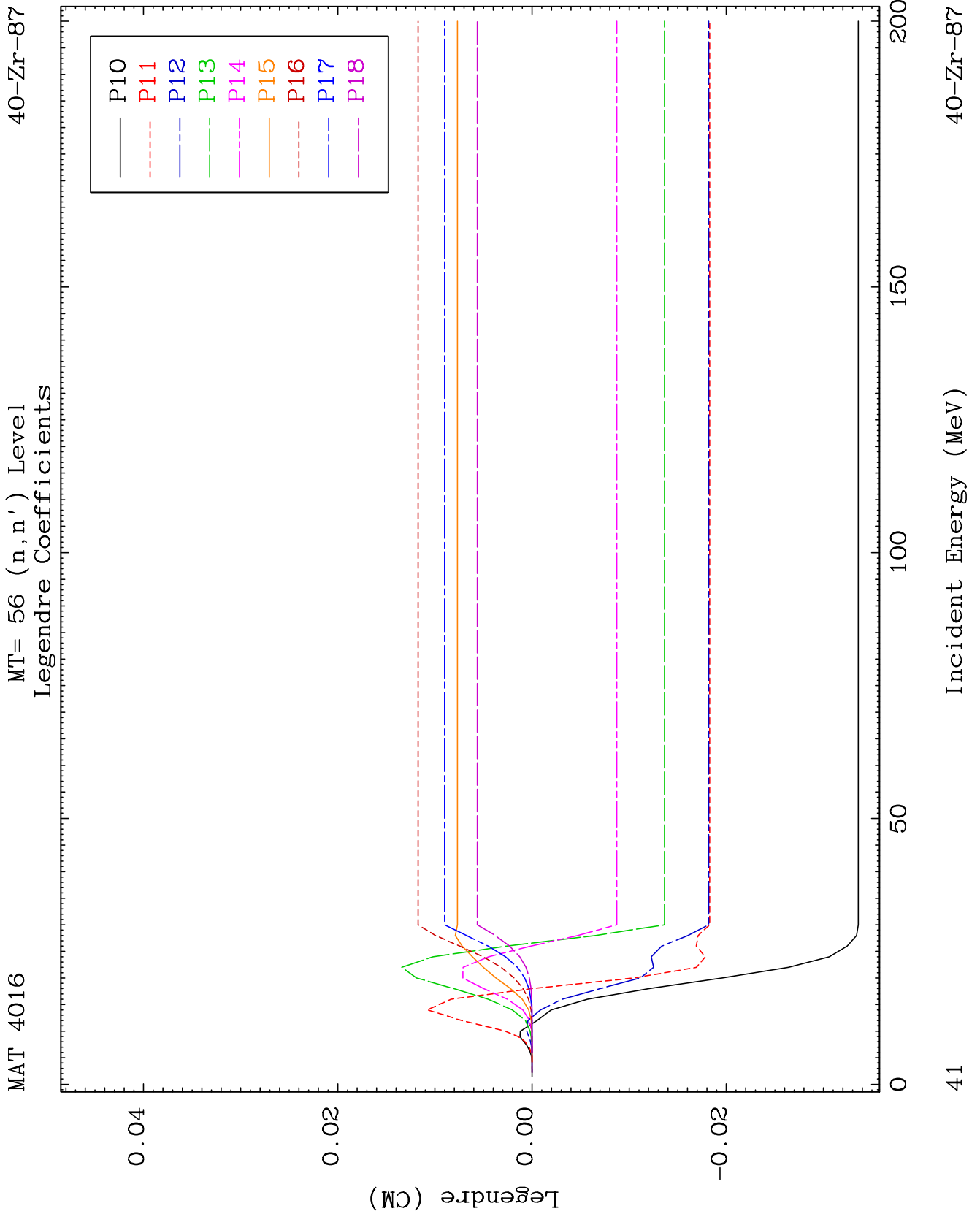


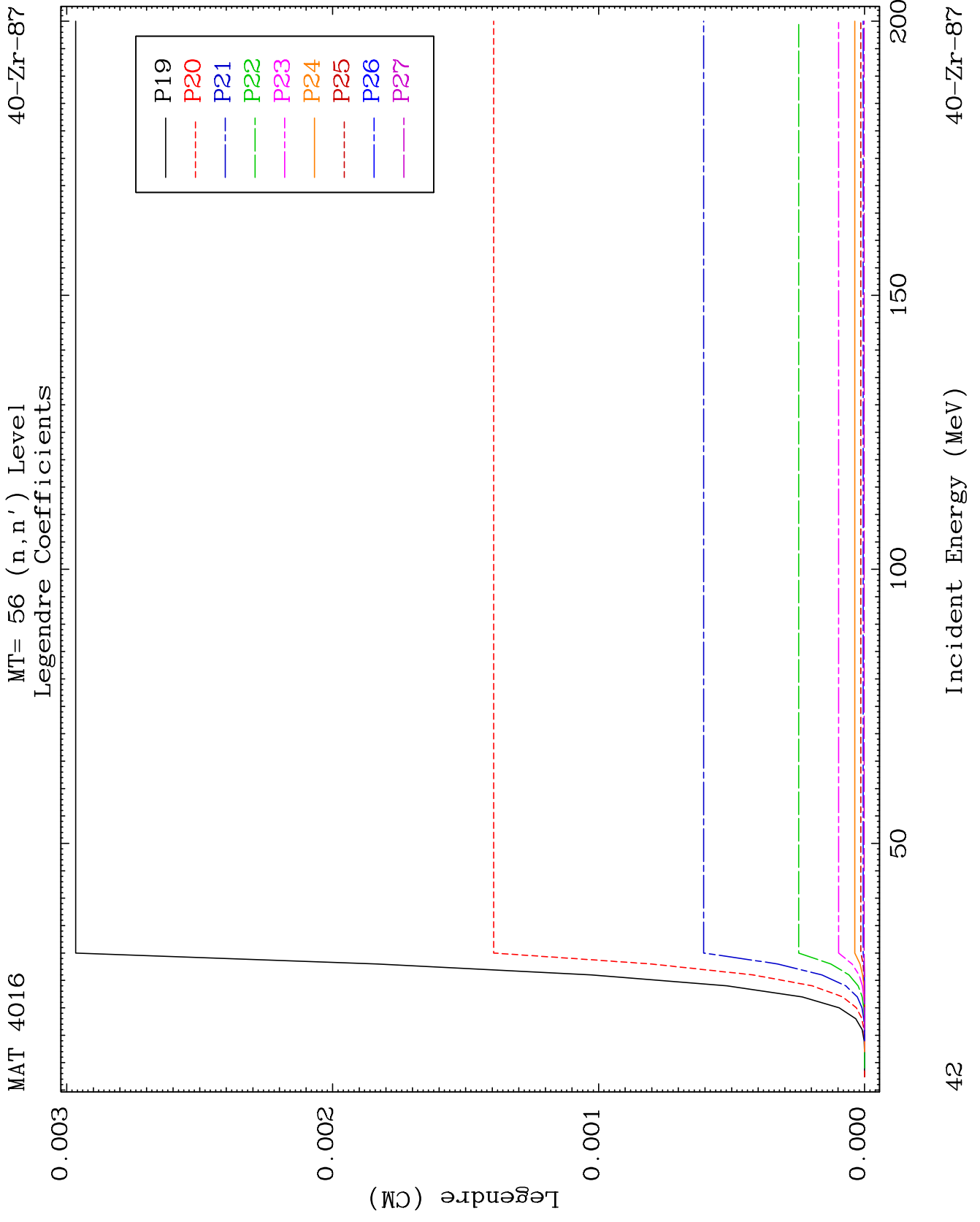


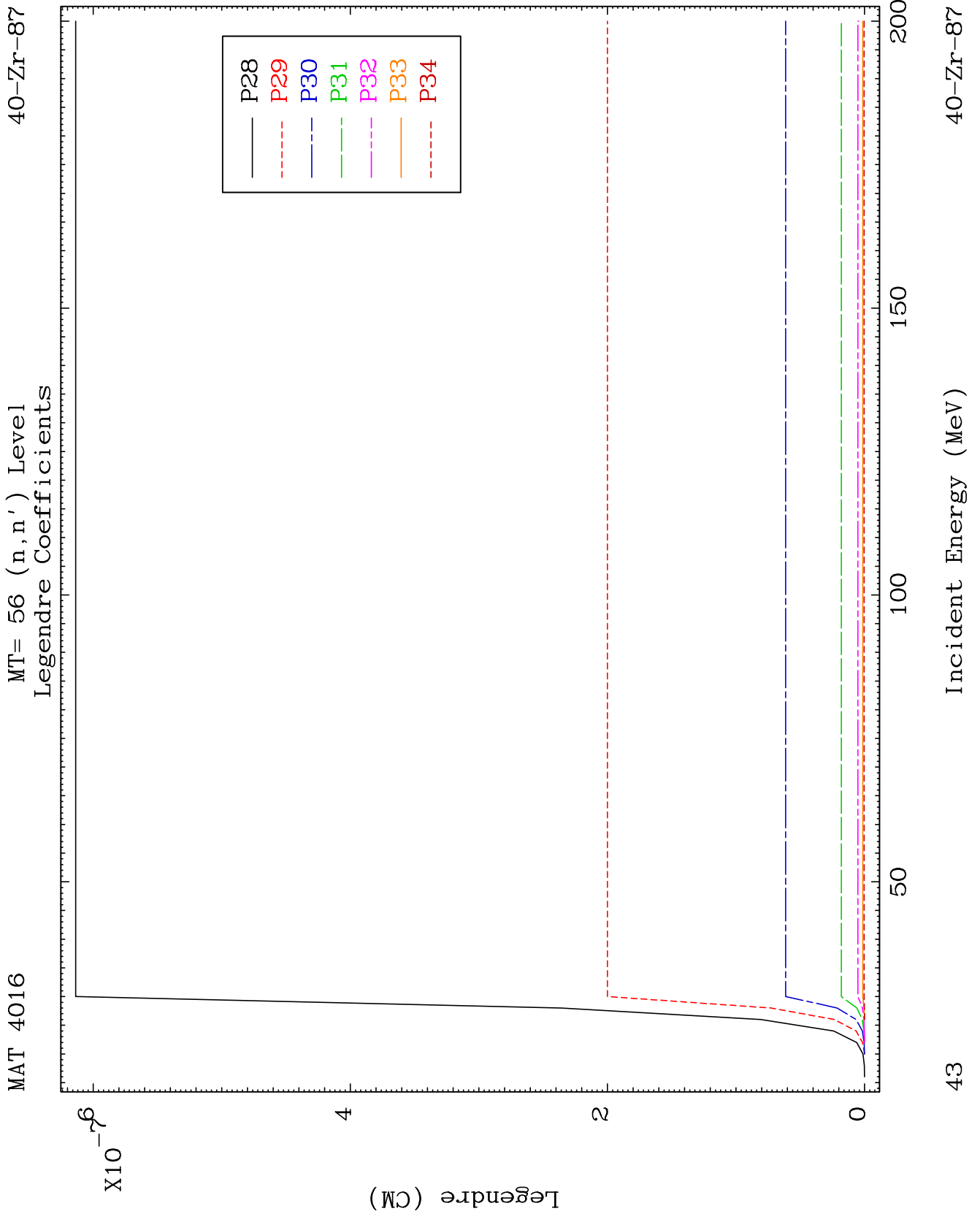


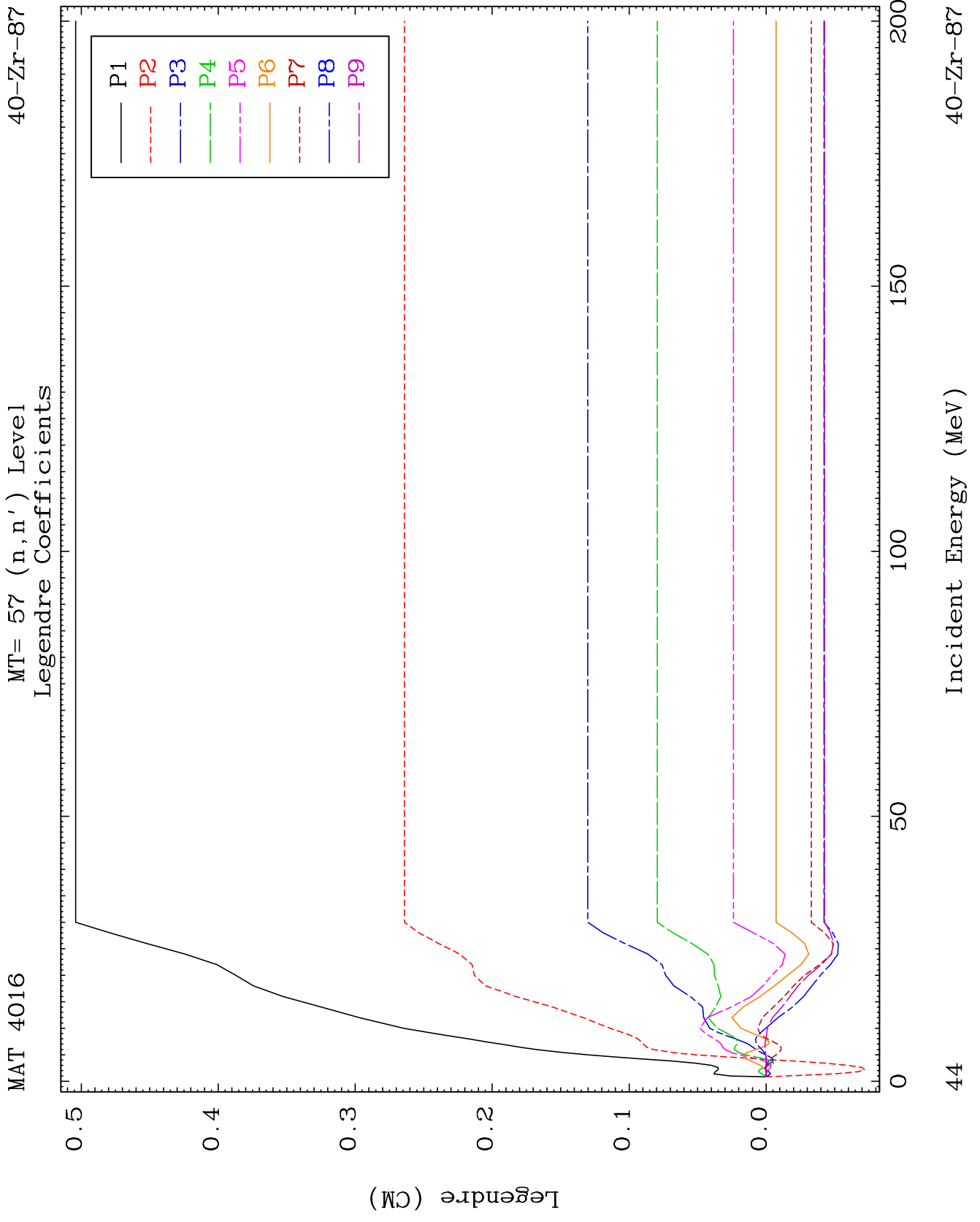


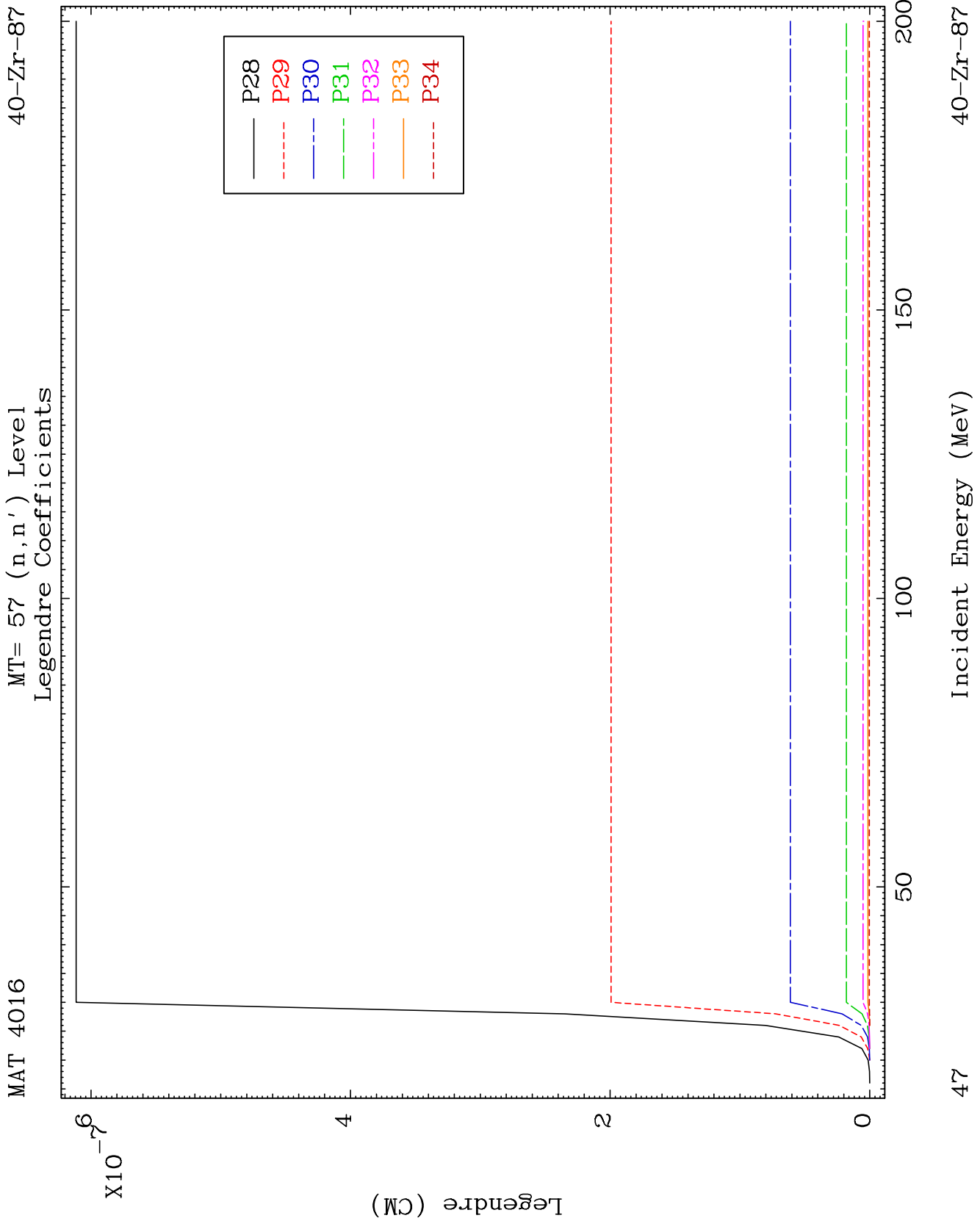


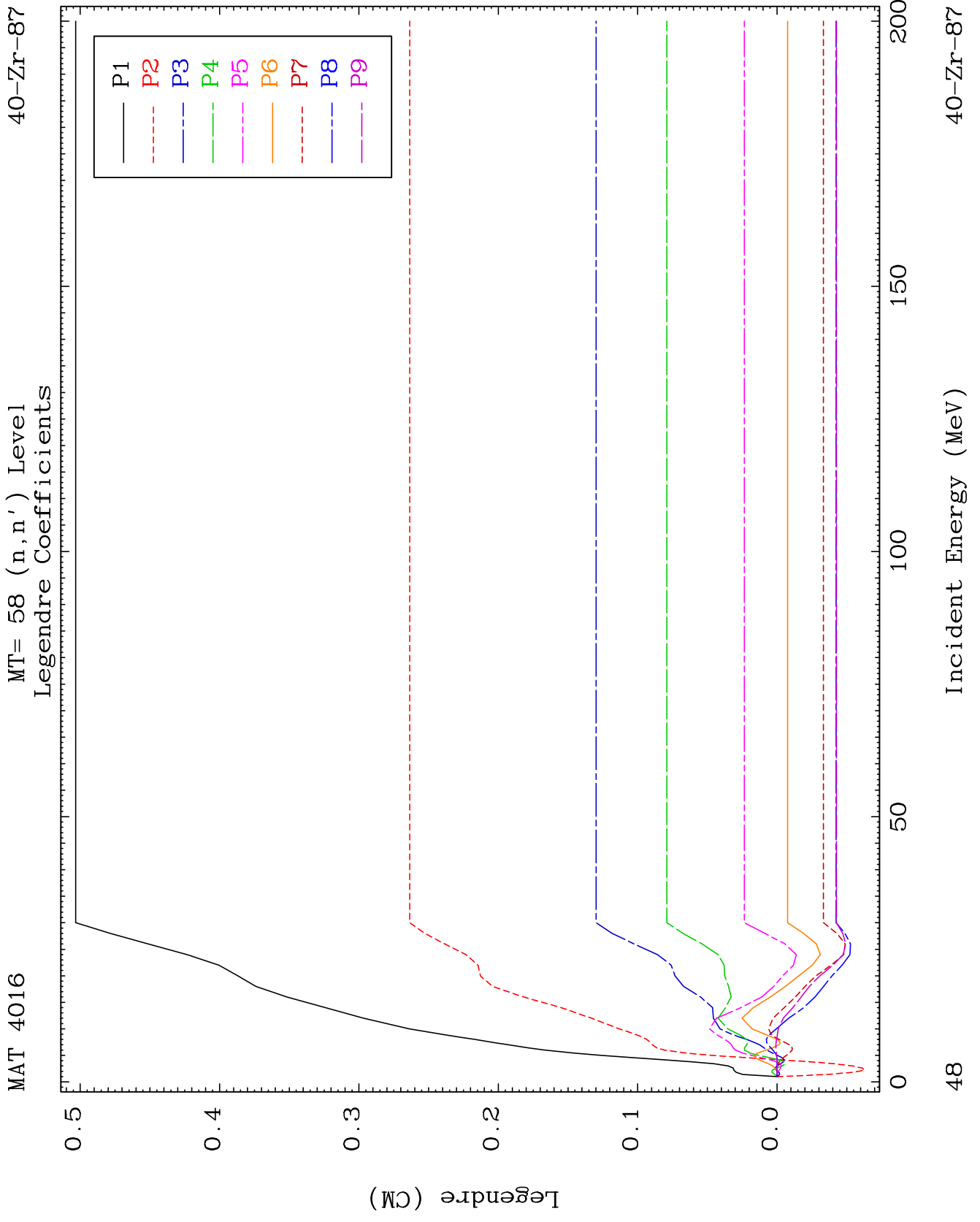


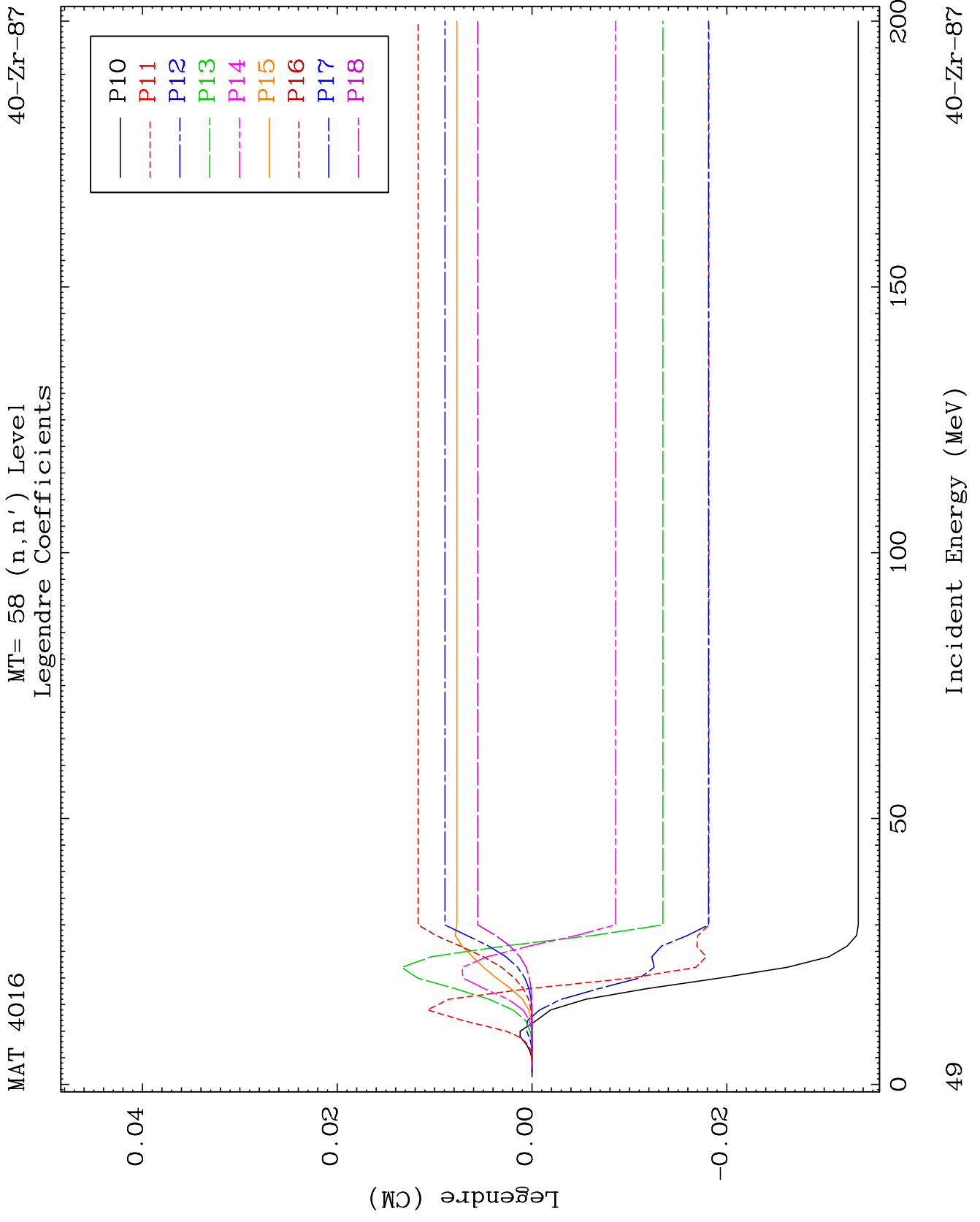


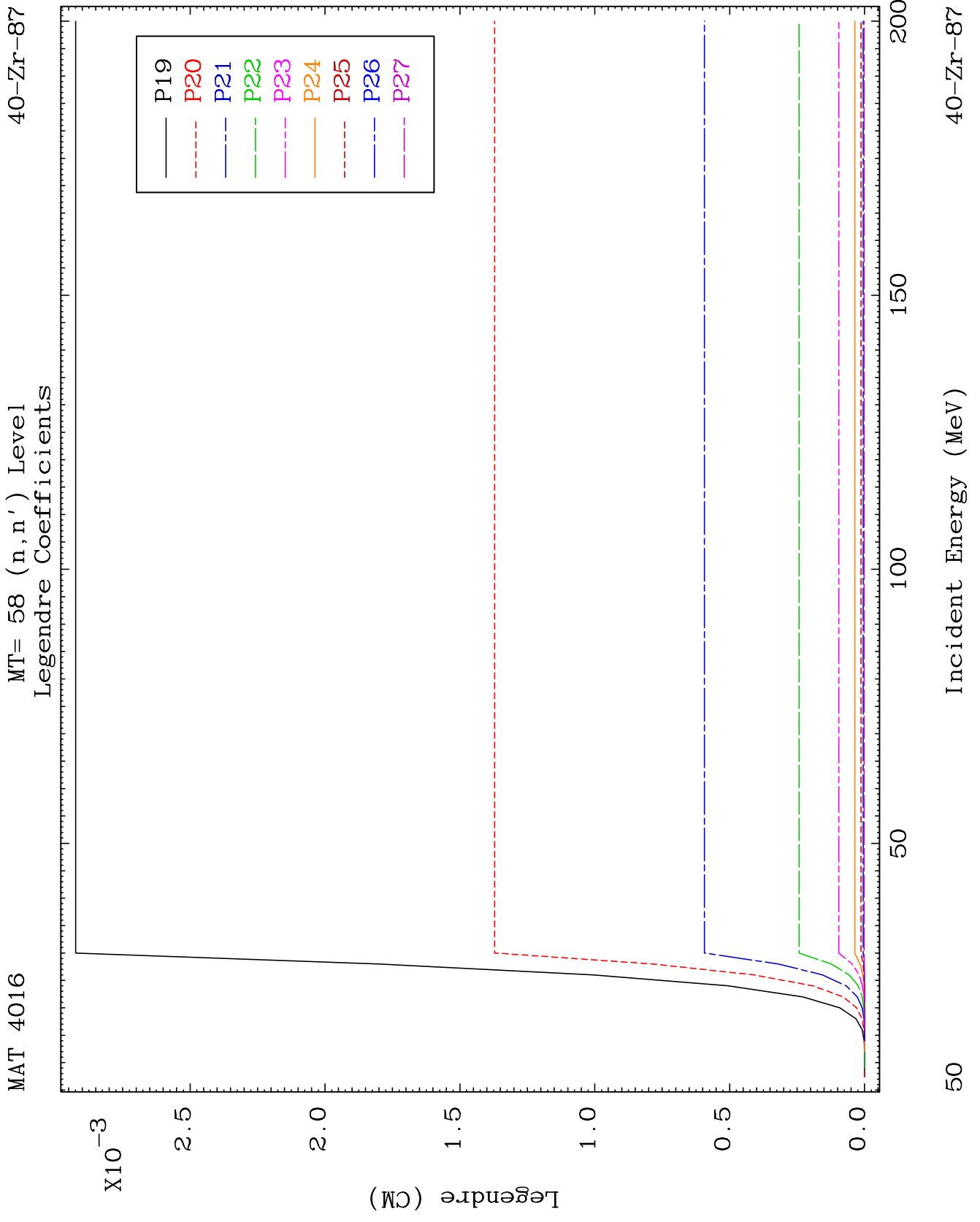


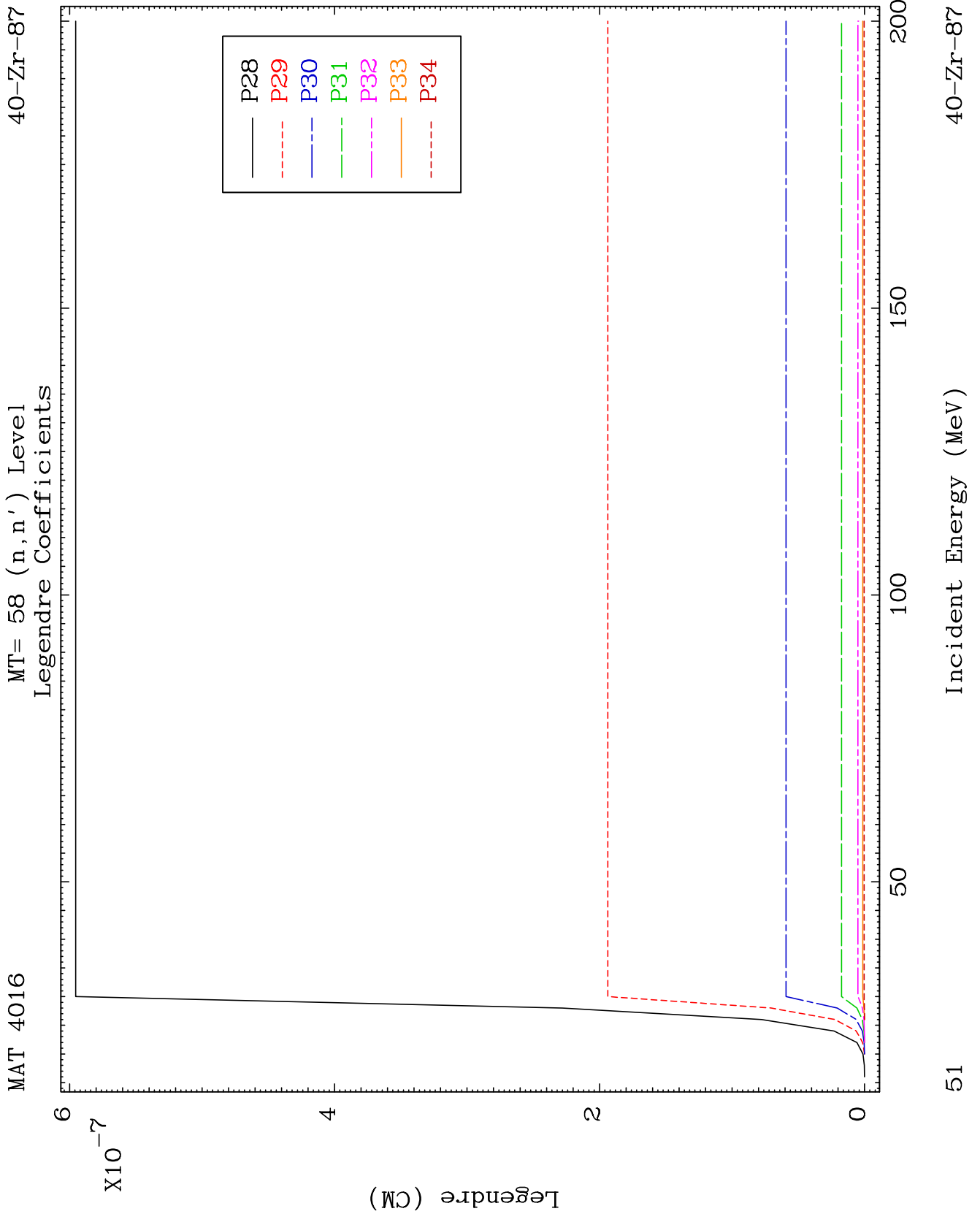


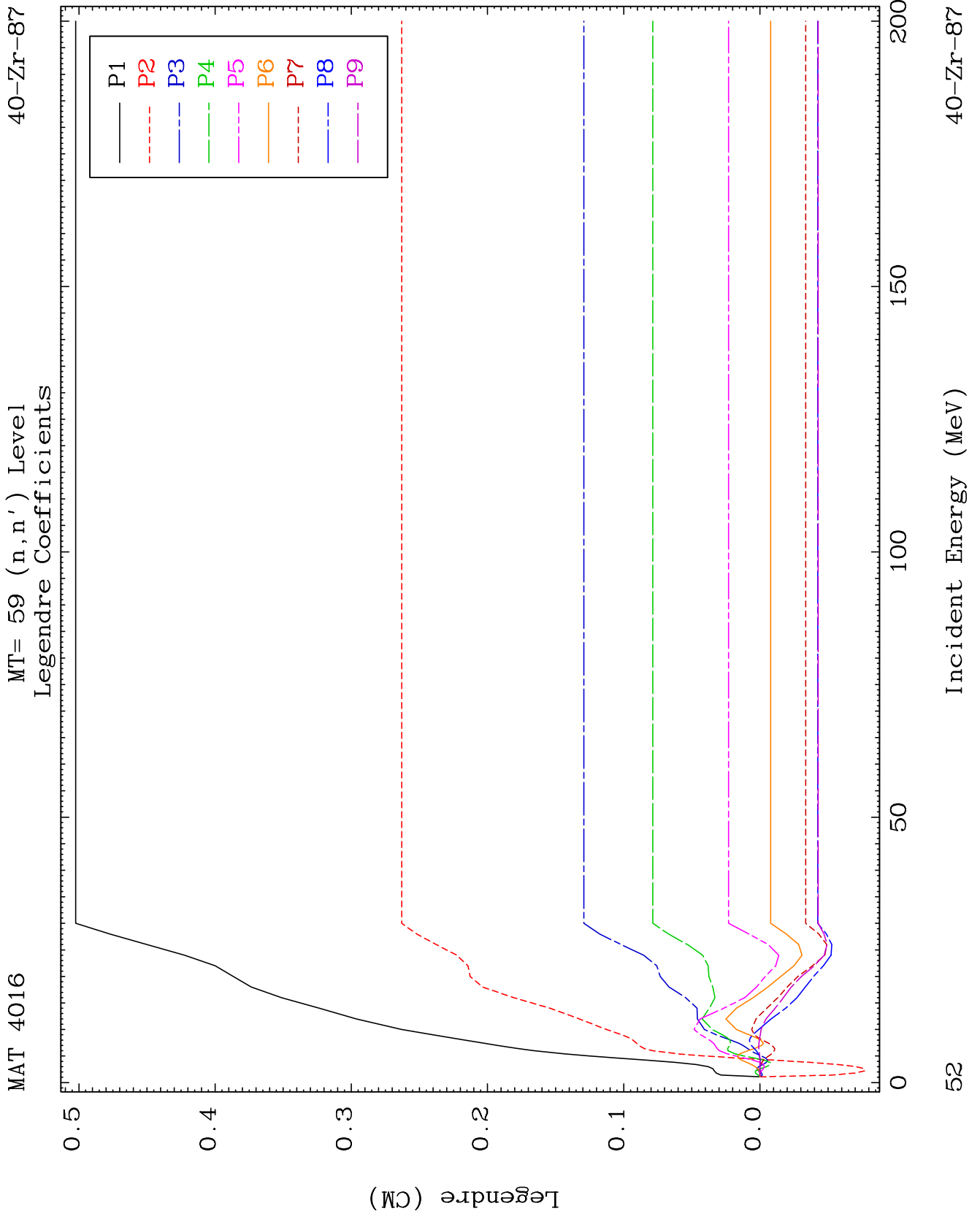


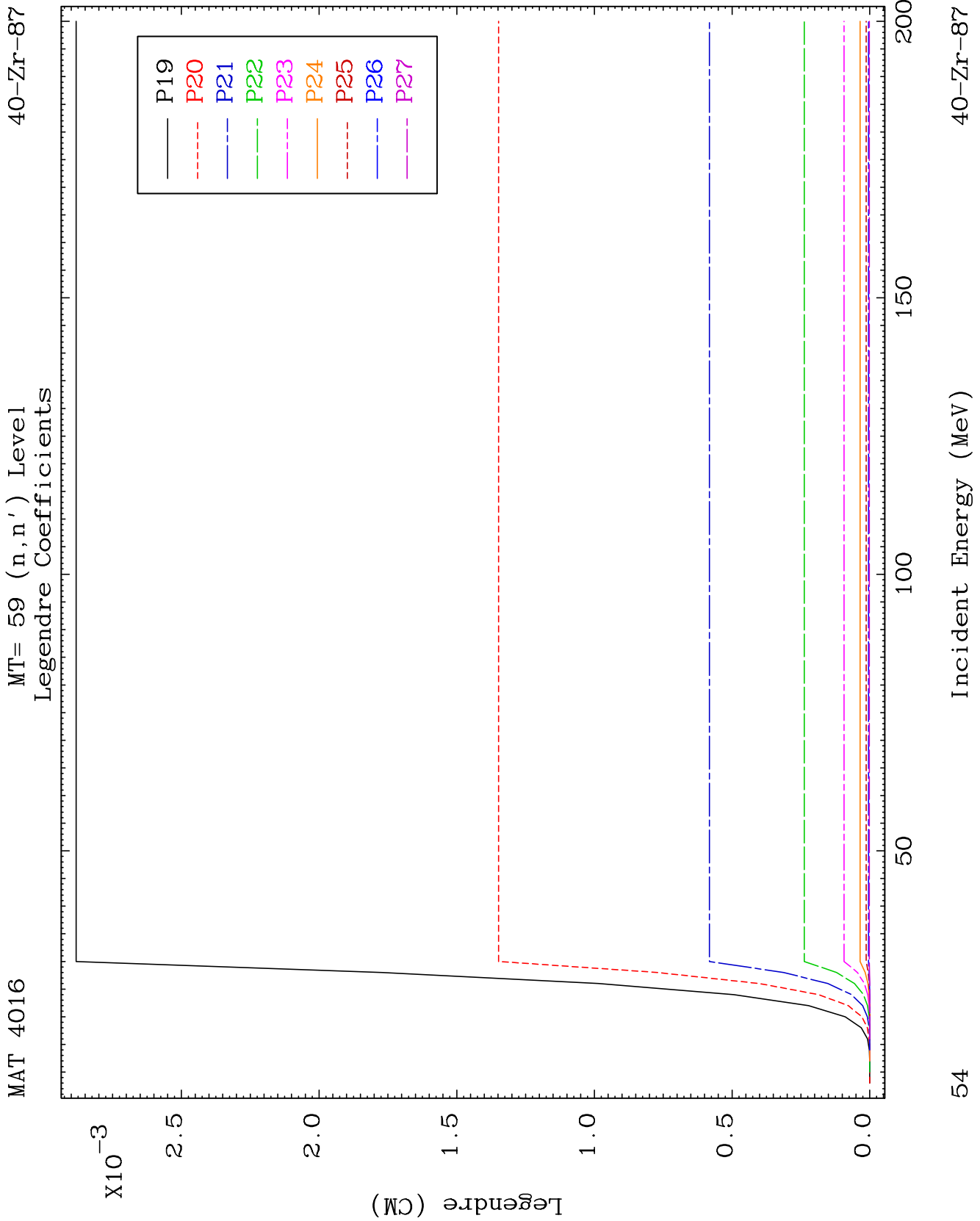


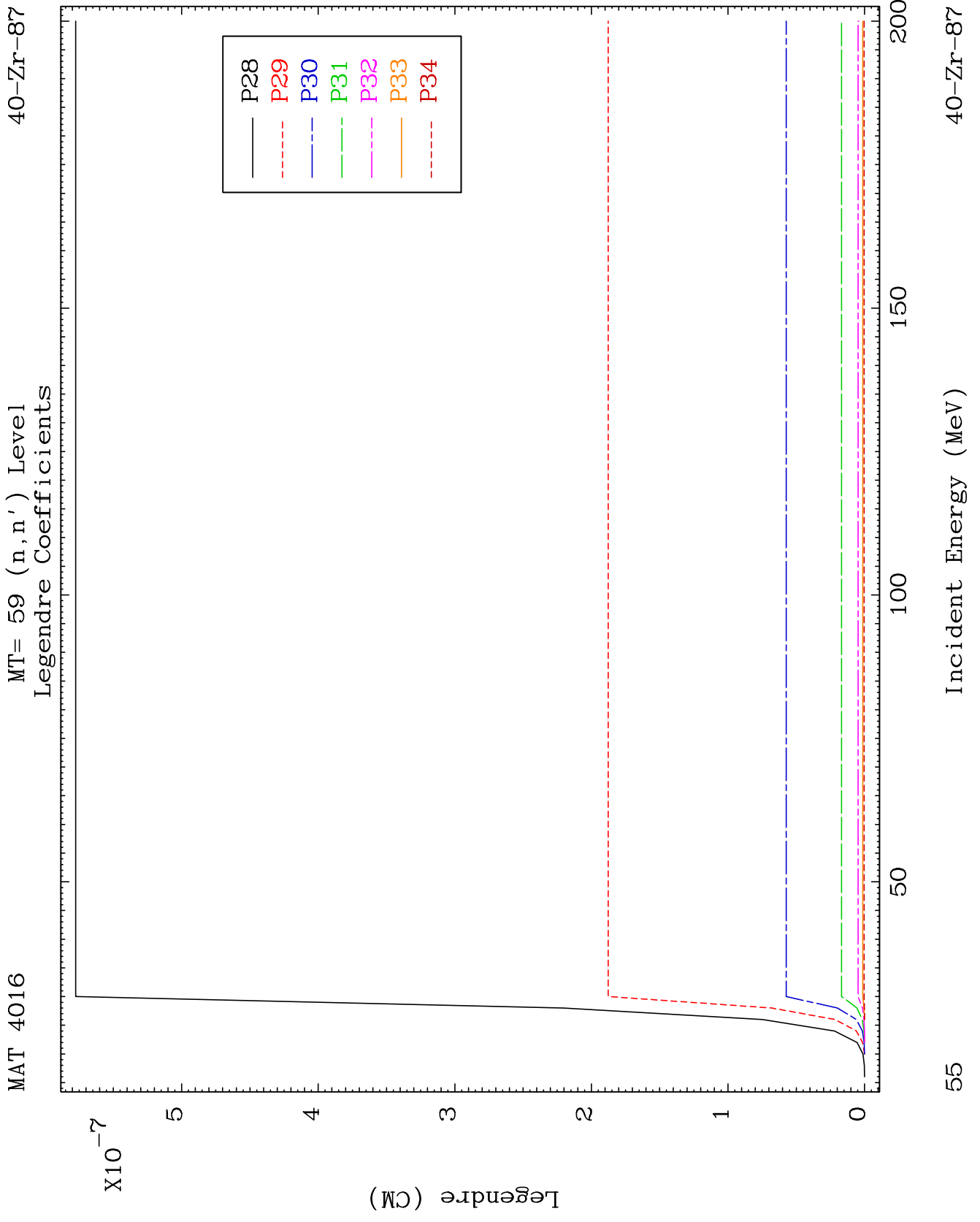


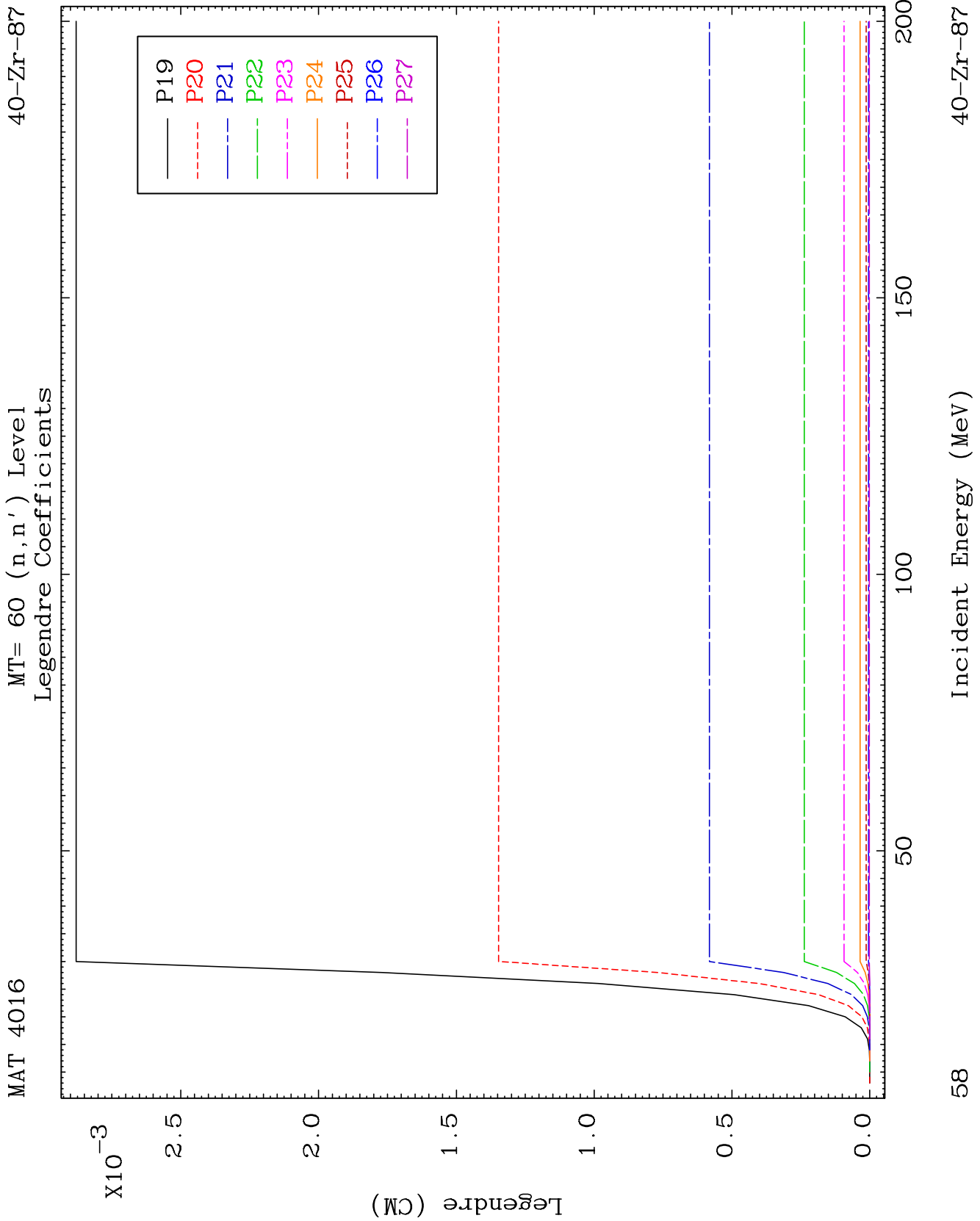


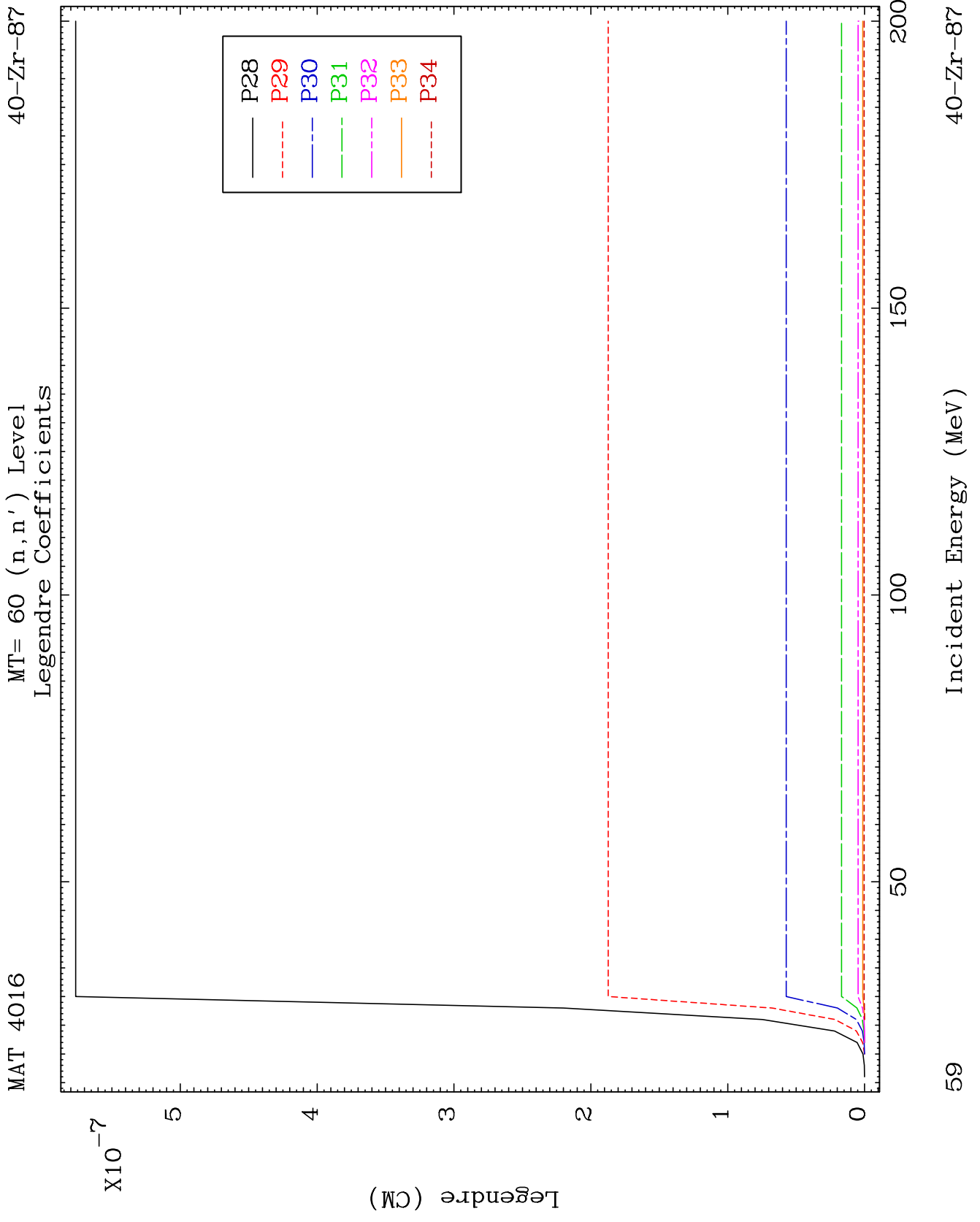


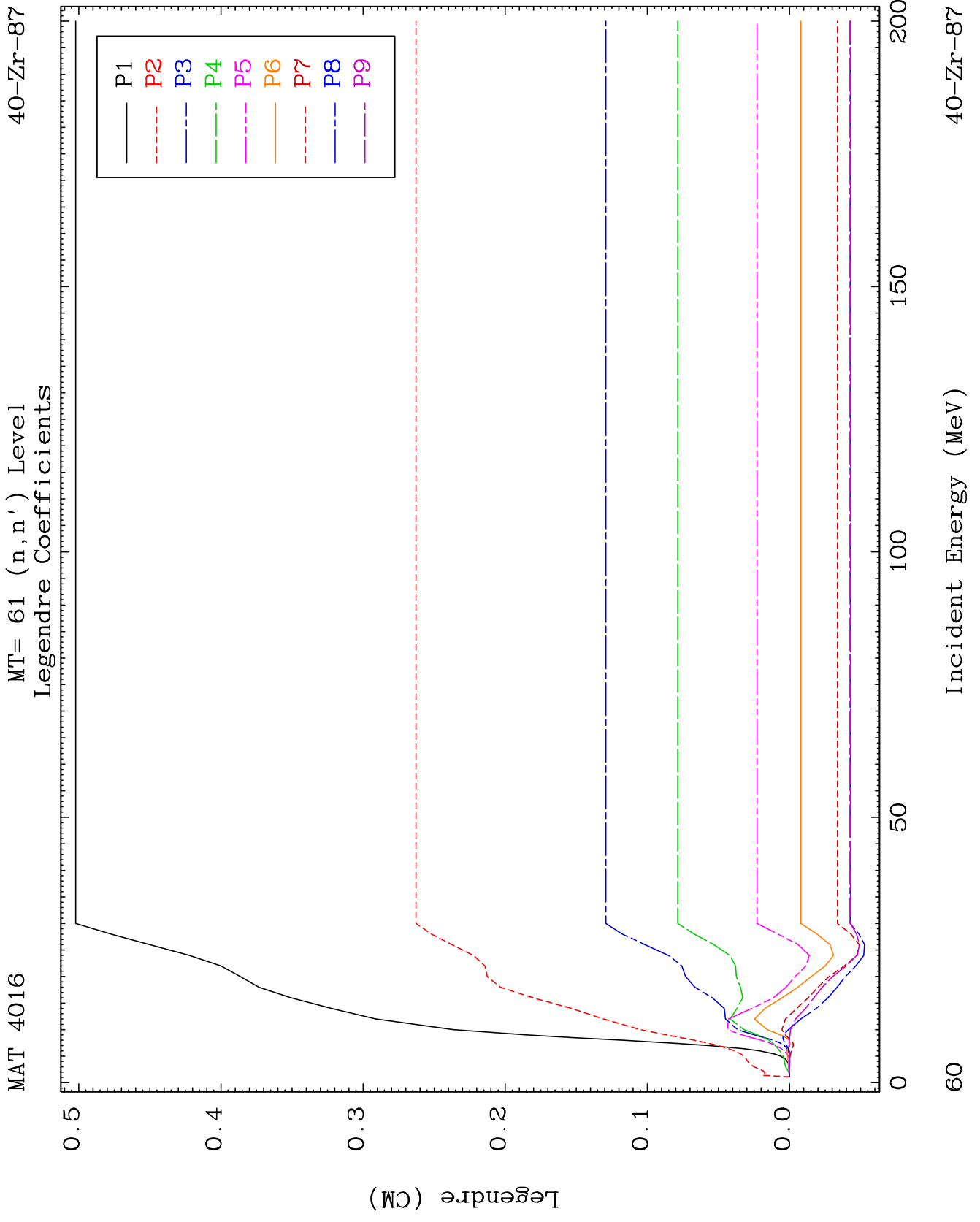


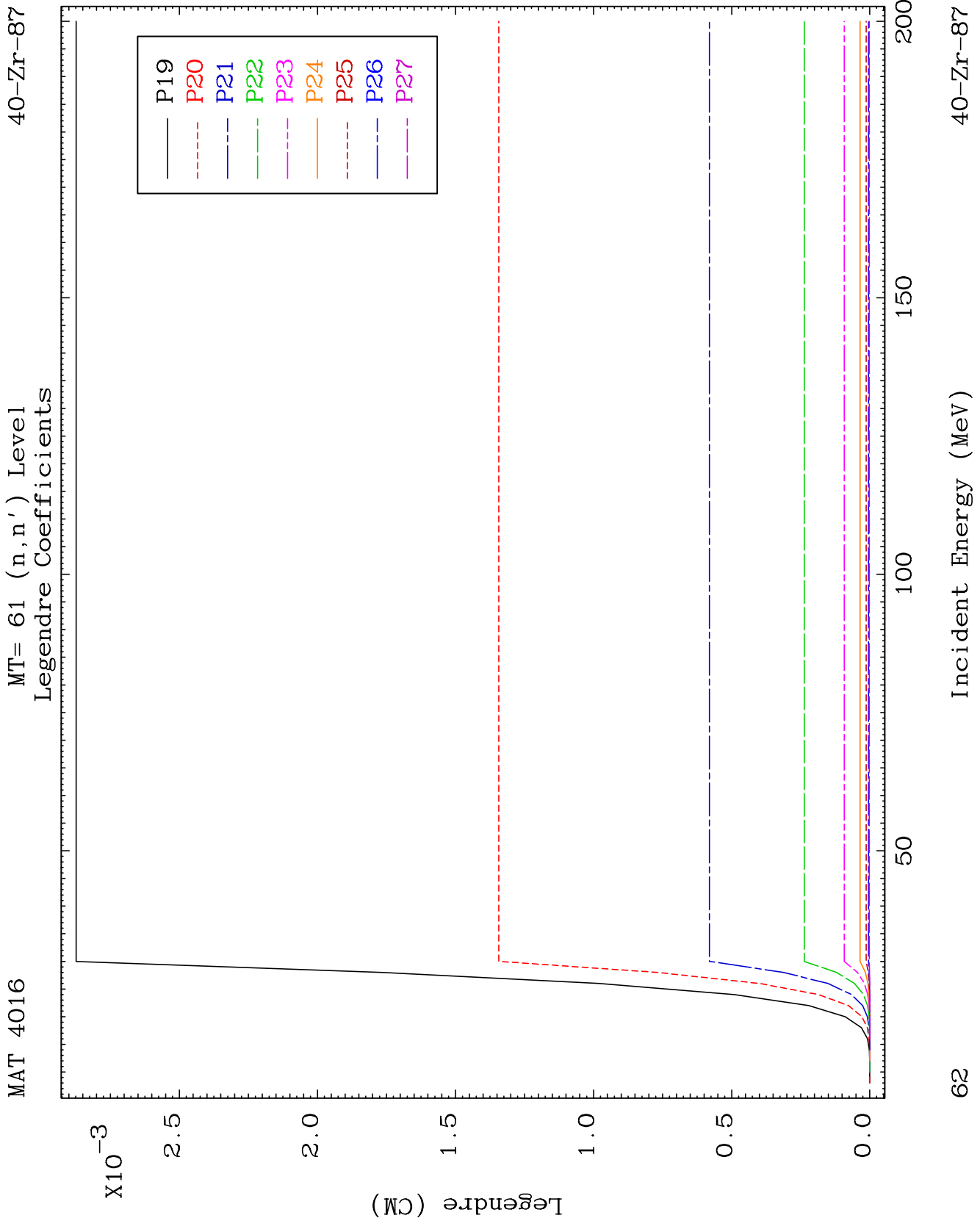


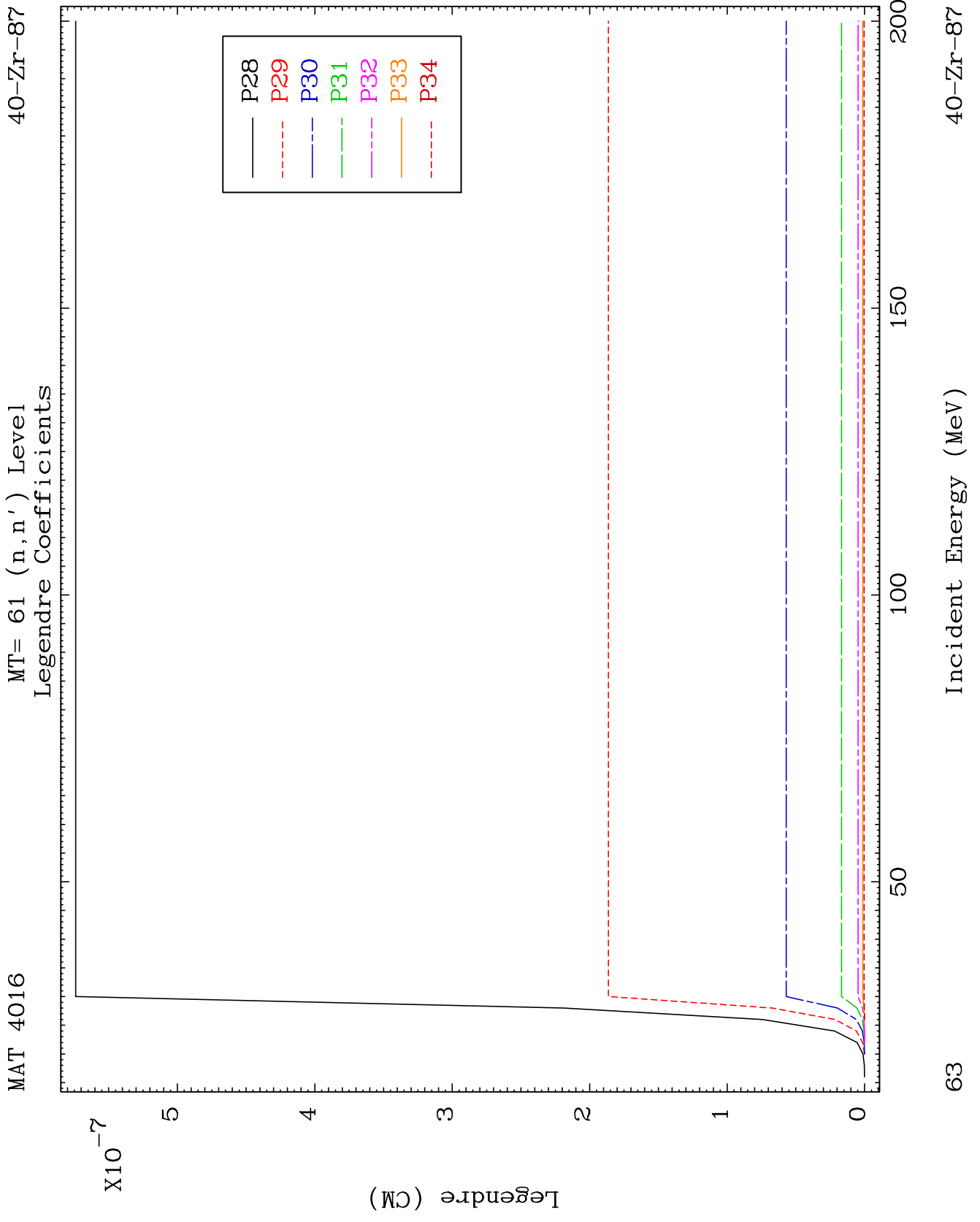


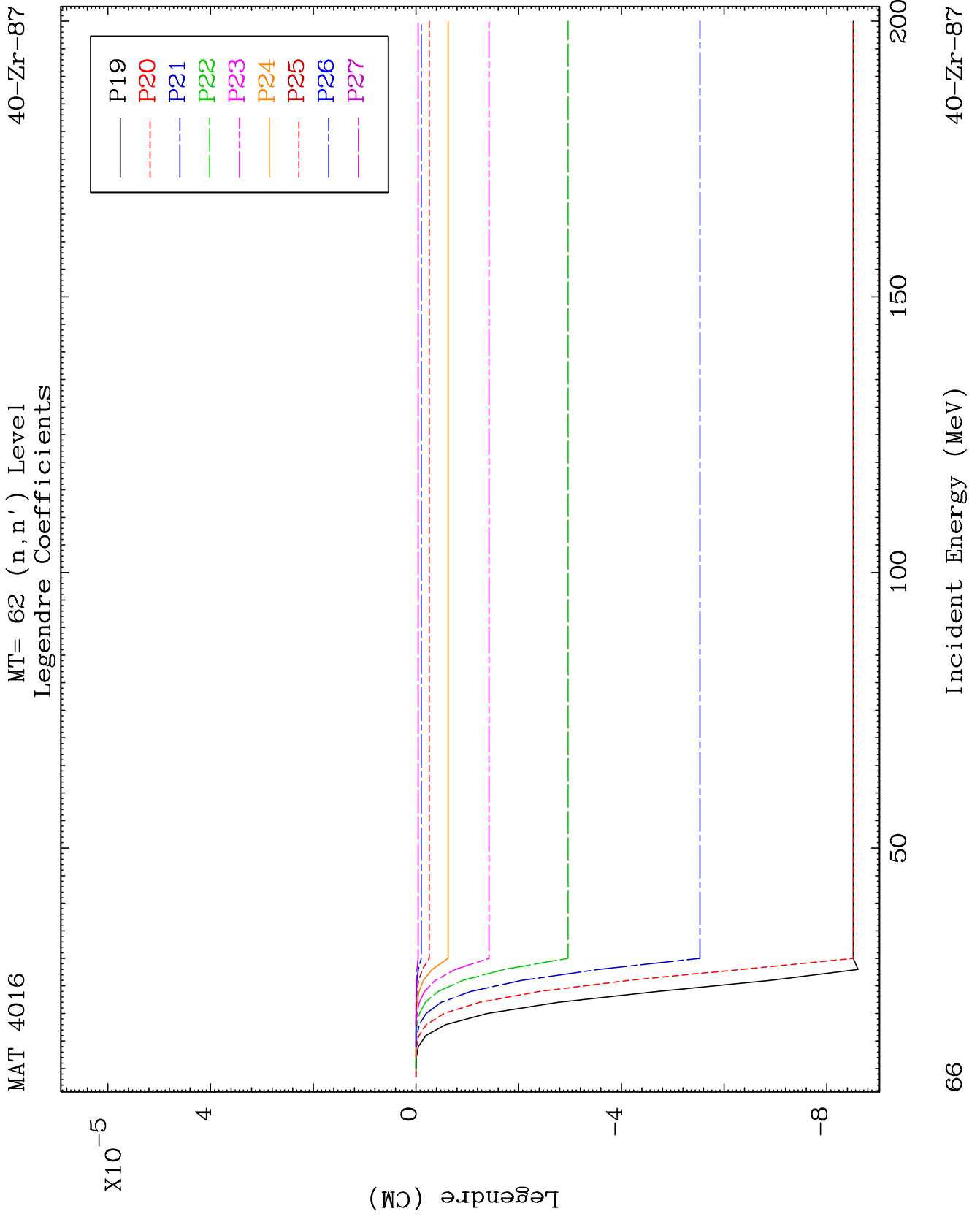


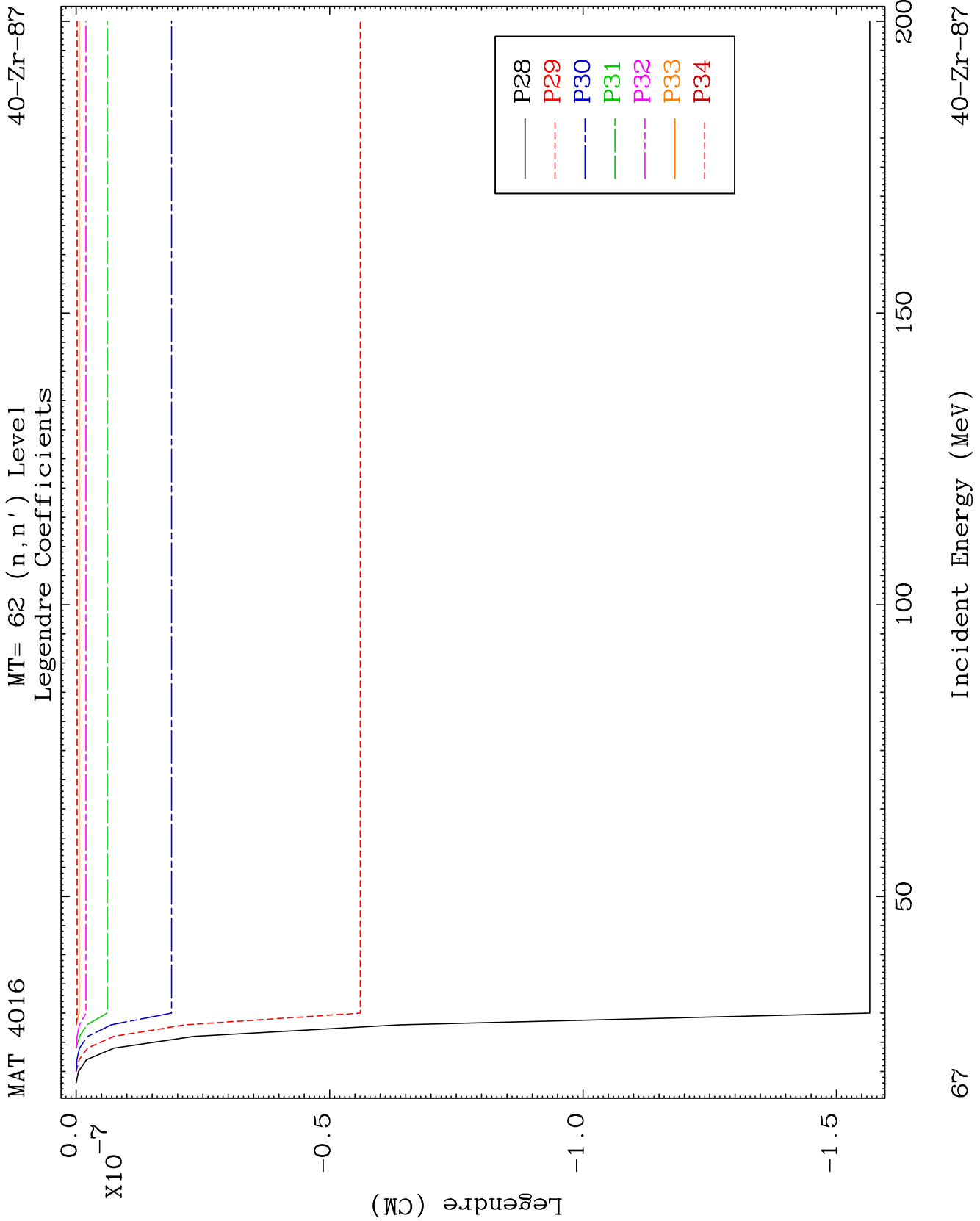


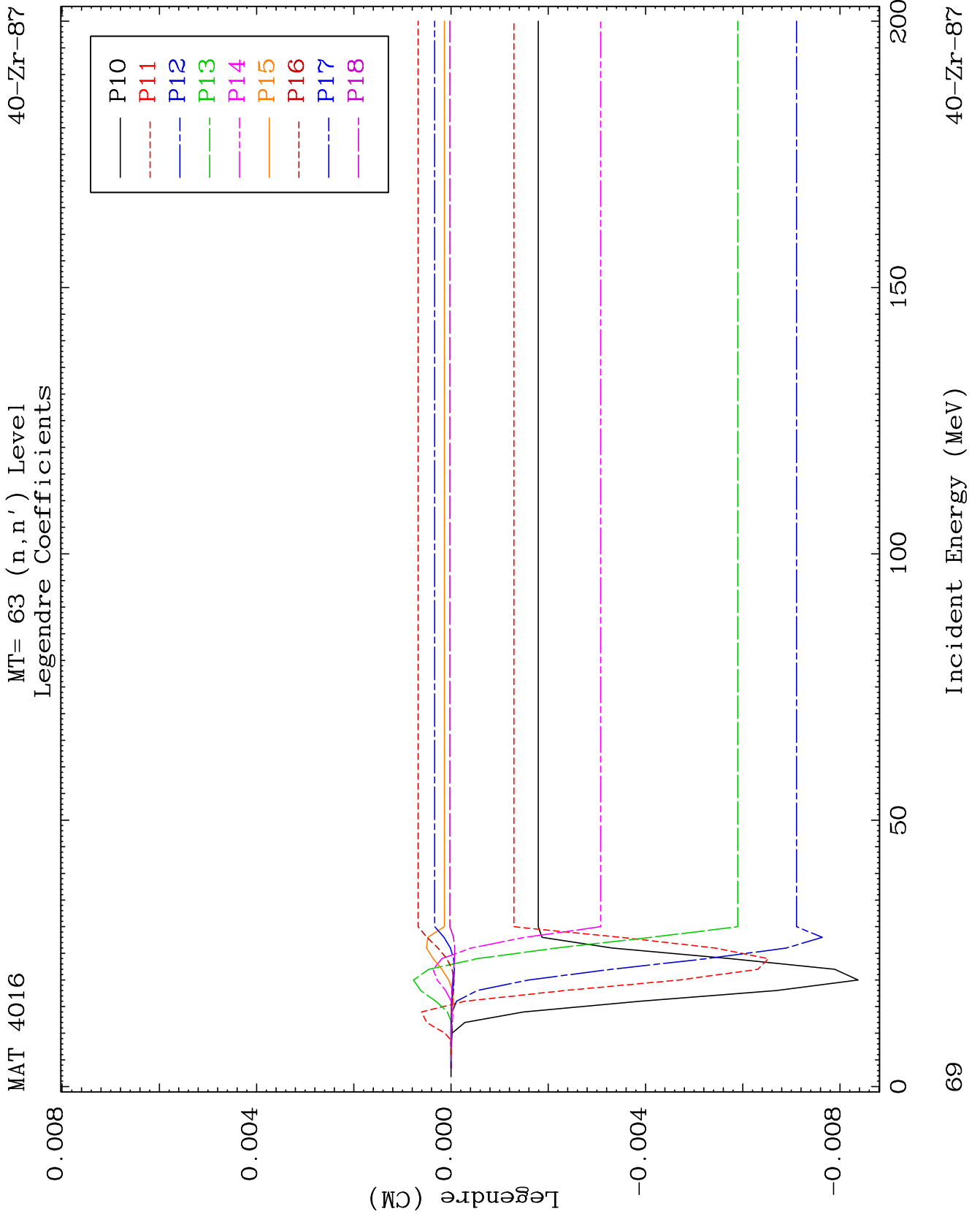








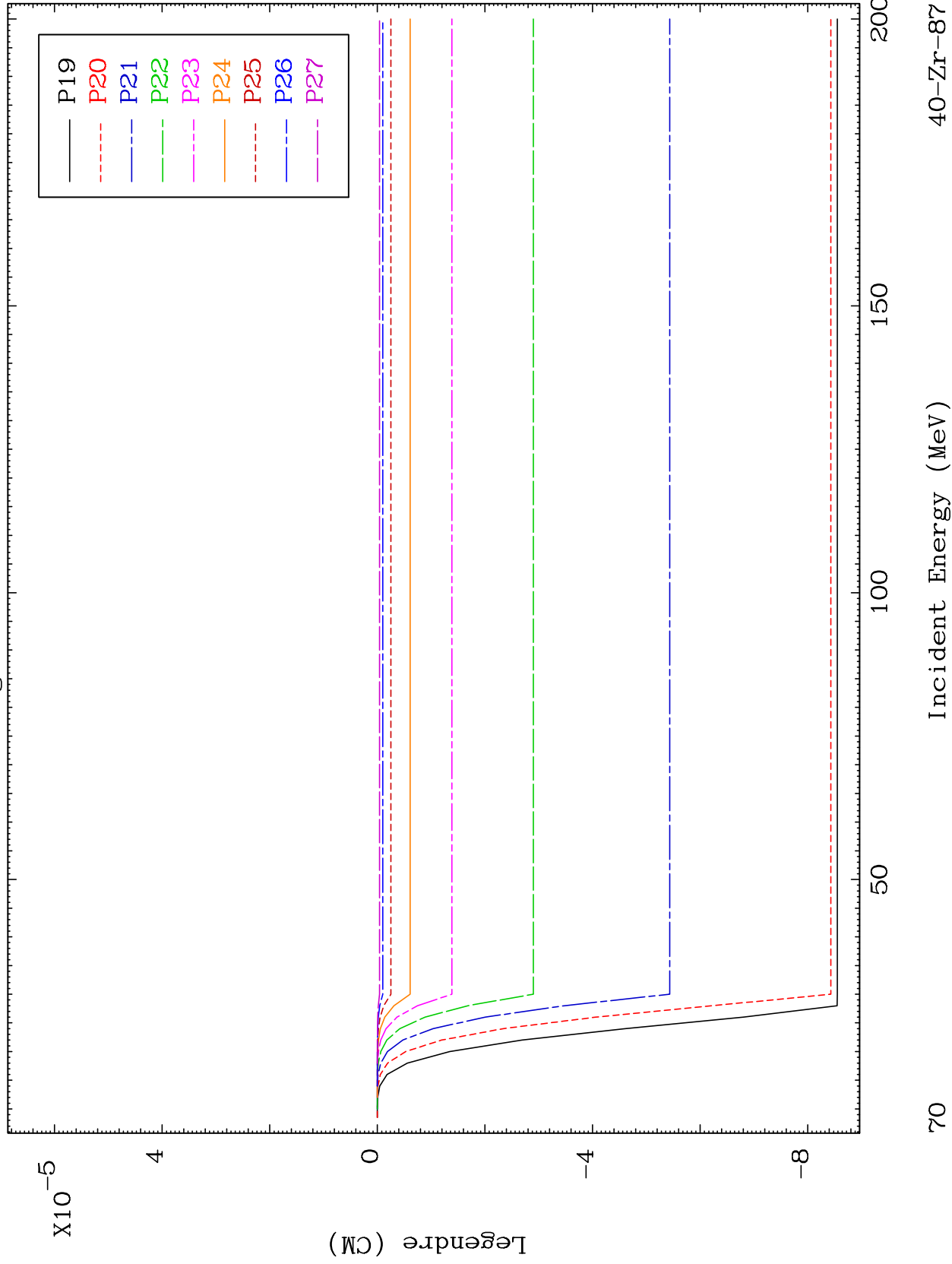


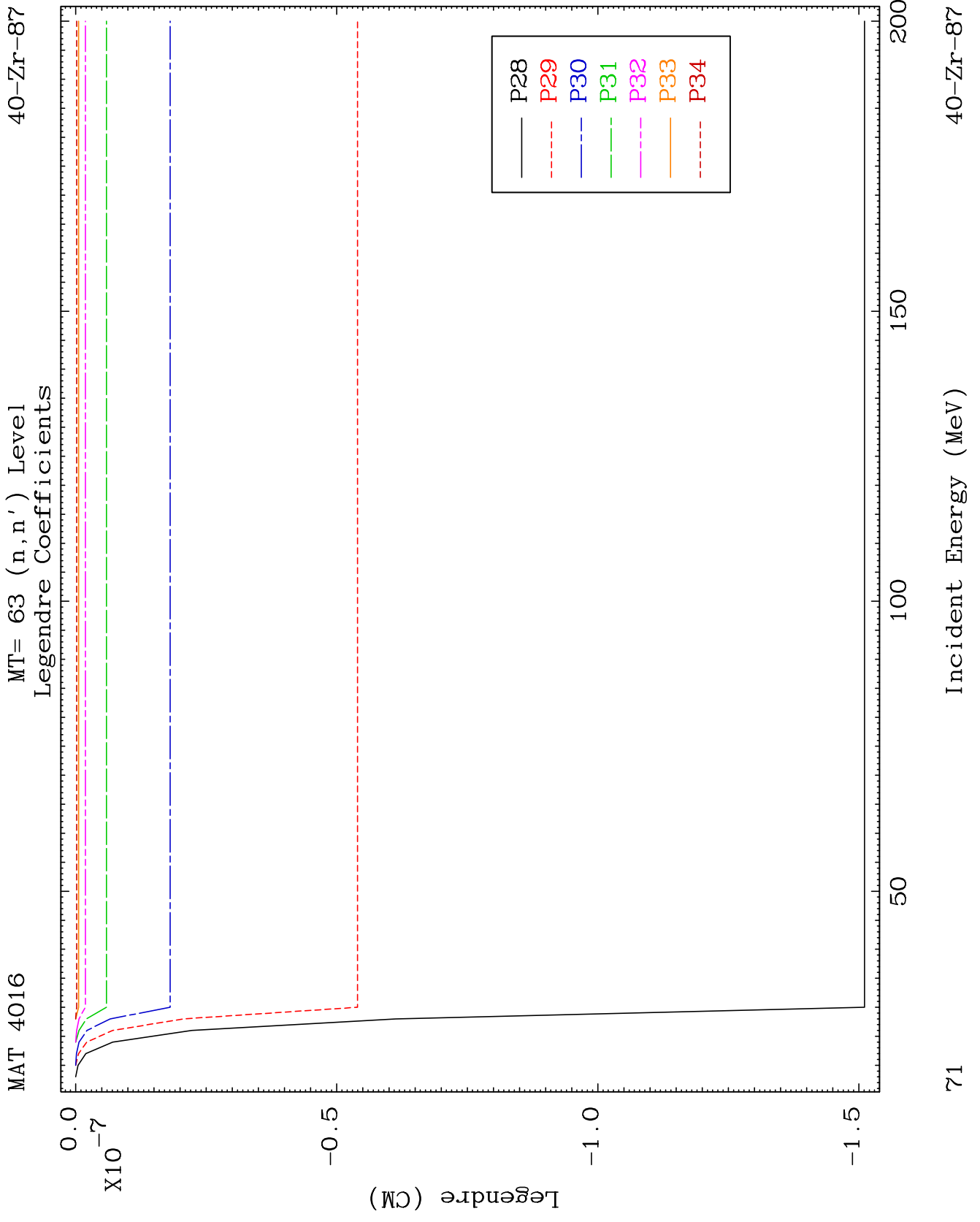


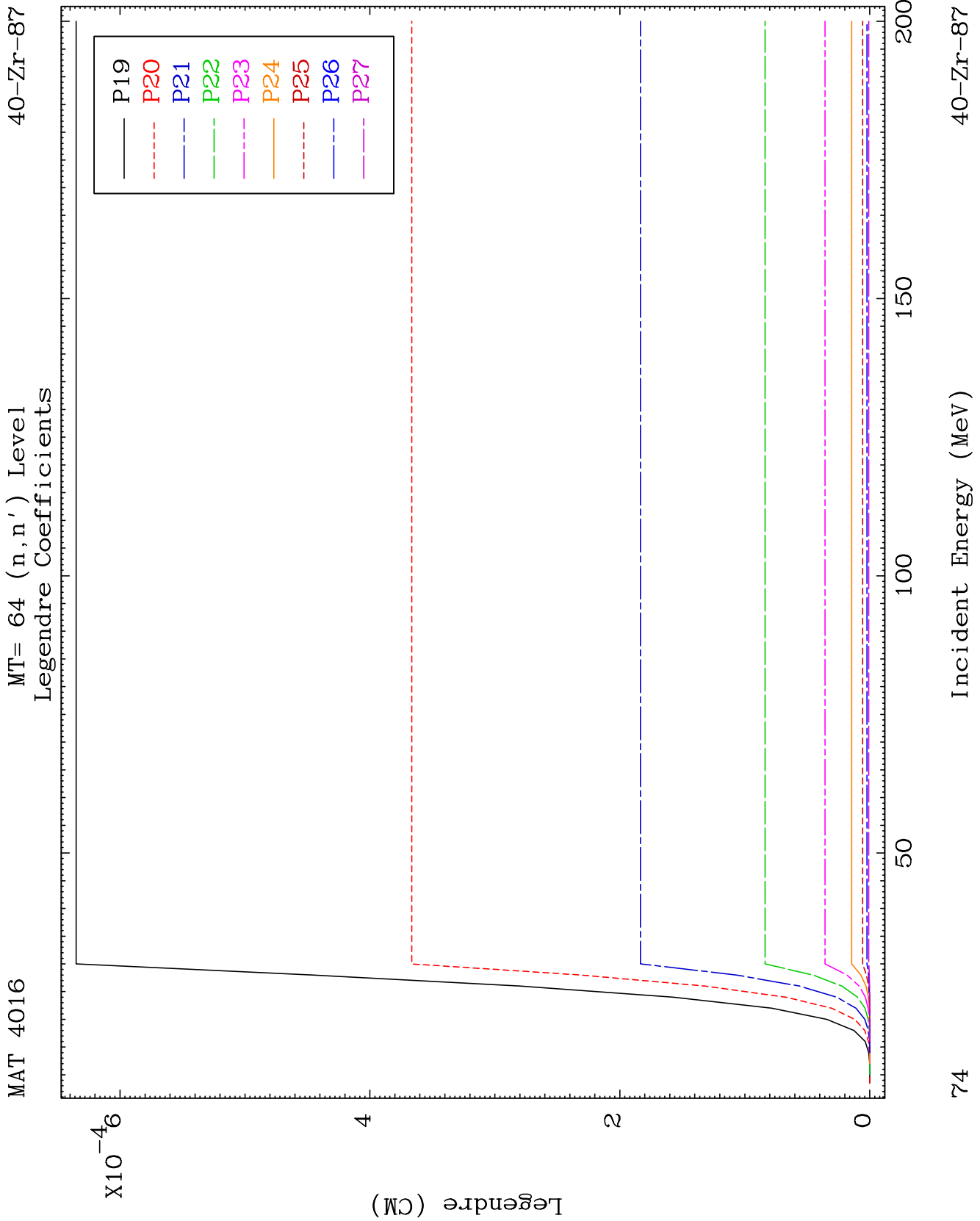
MAT 4016

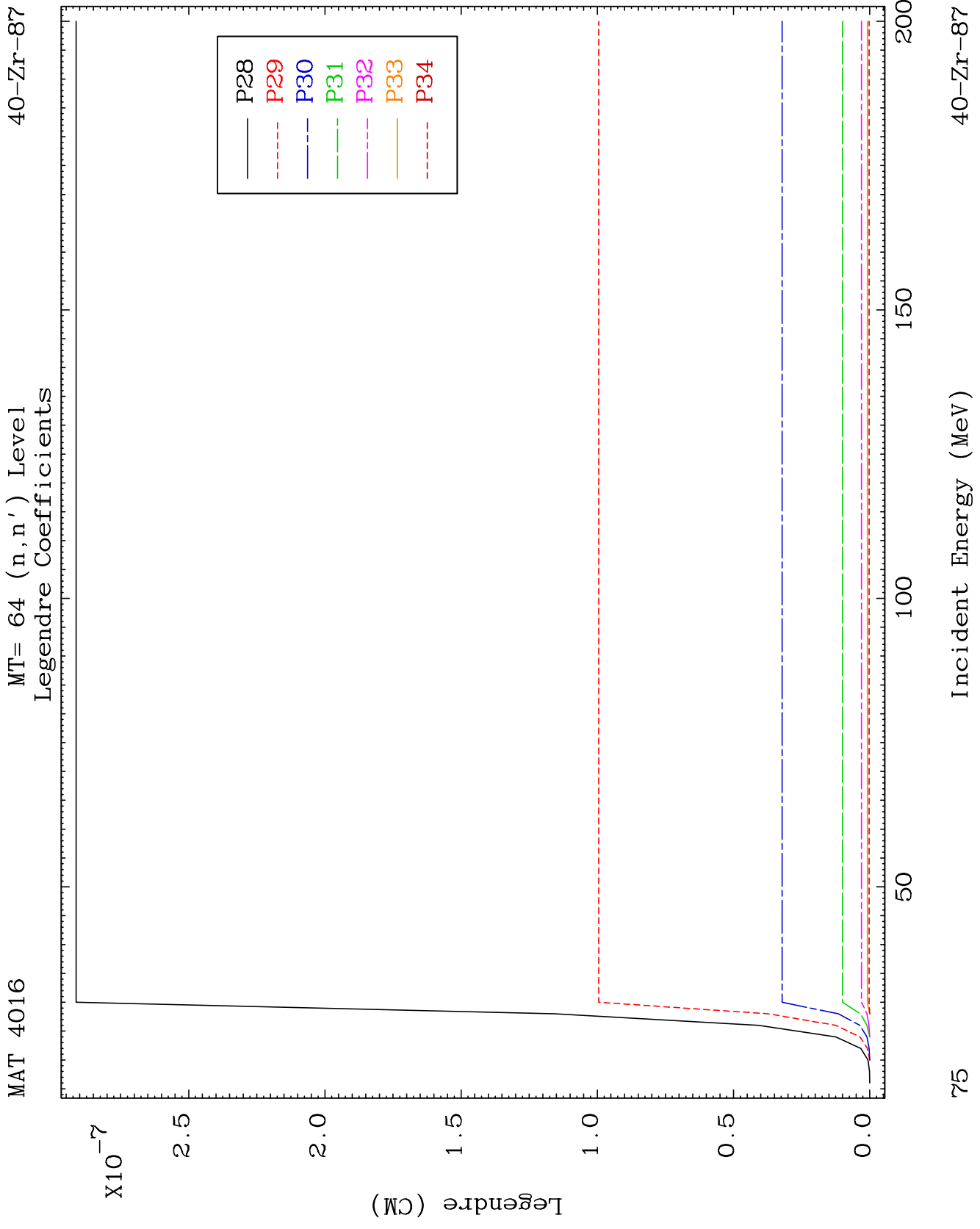
MT= 63 (n,n') Level
Legendre Coefficients

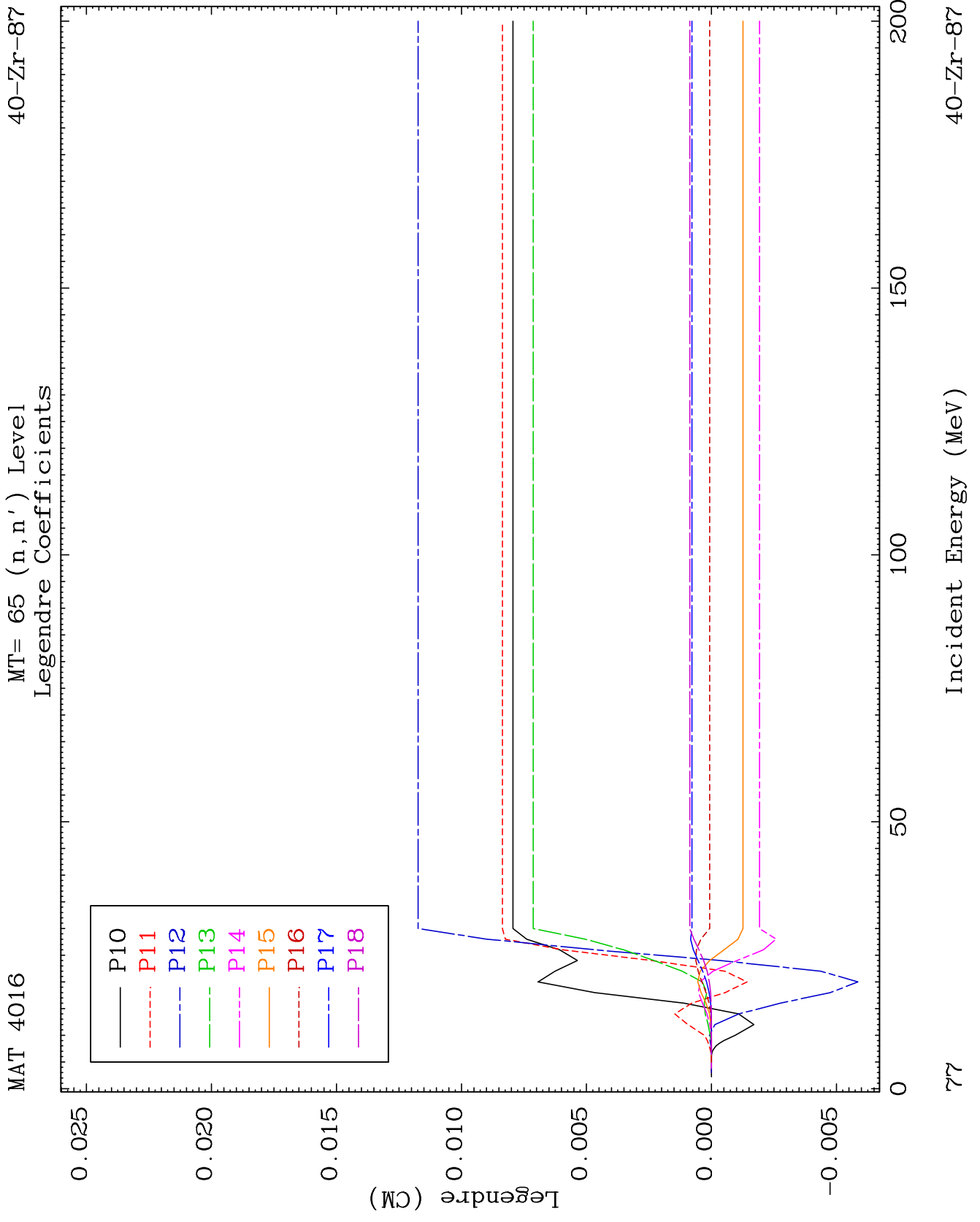
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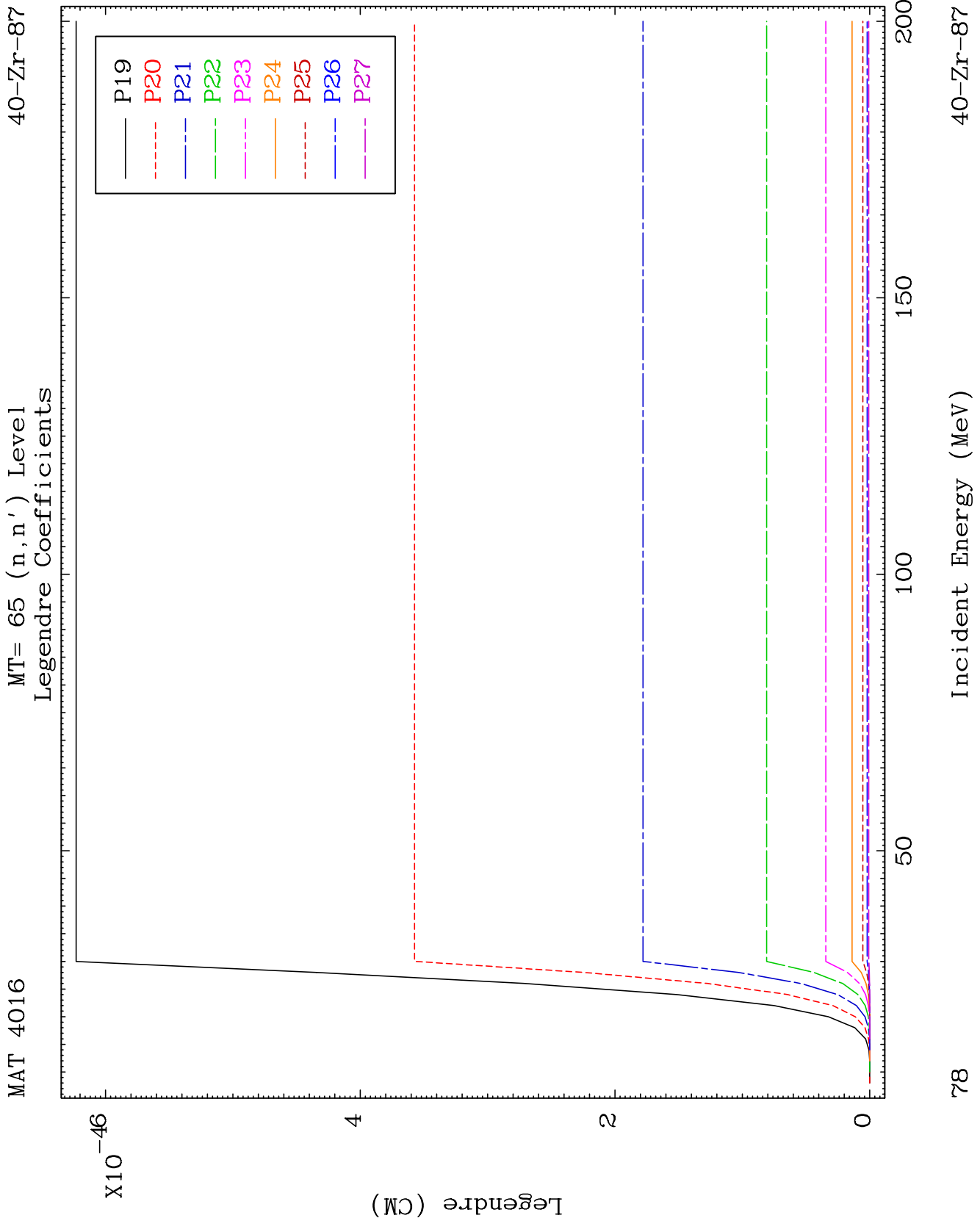


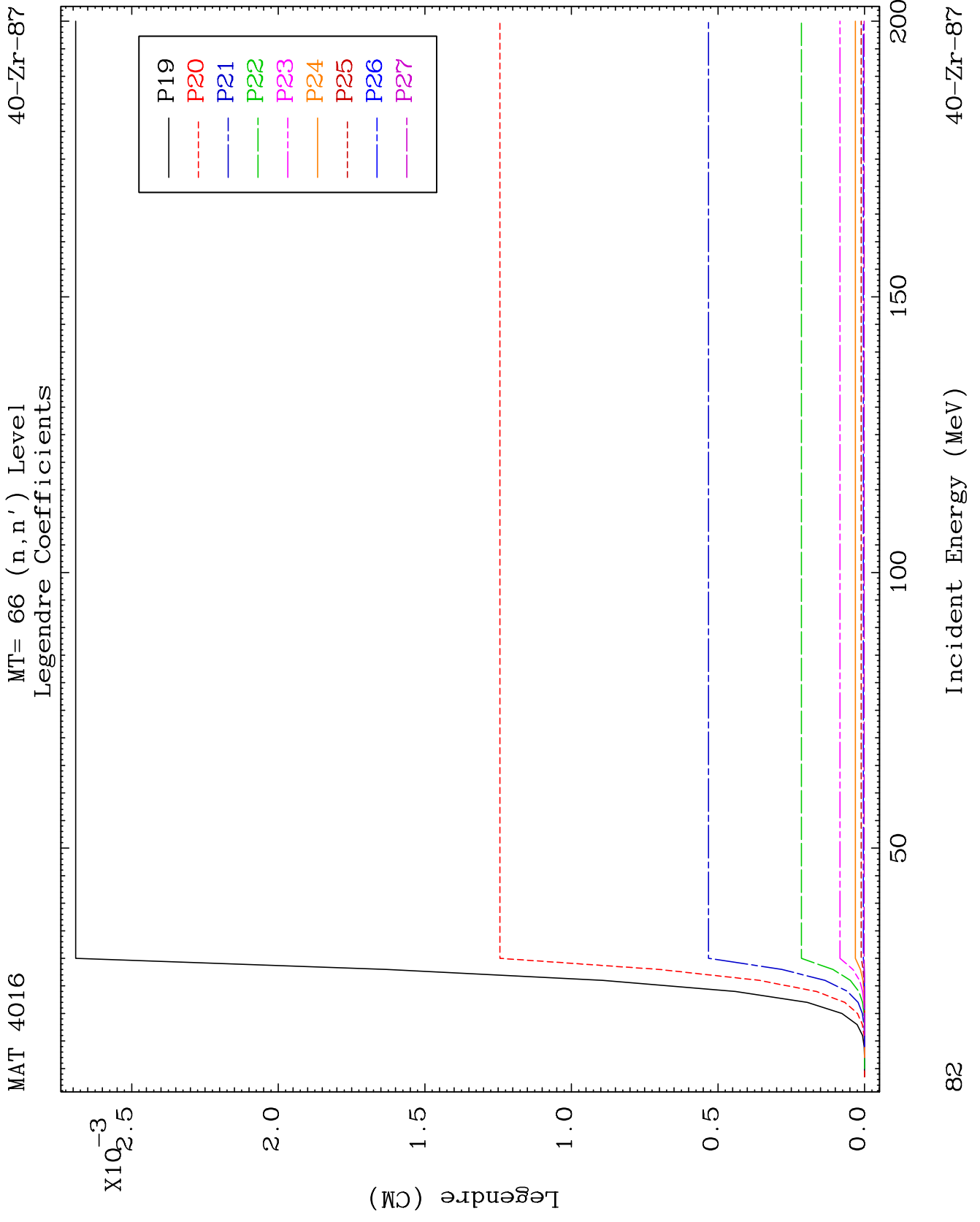


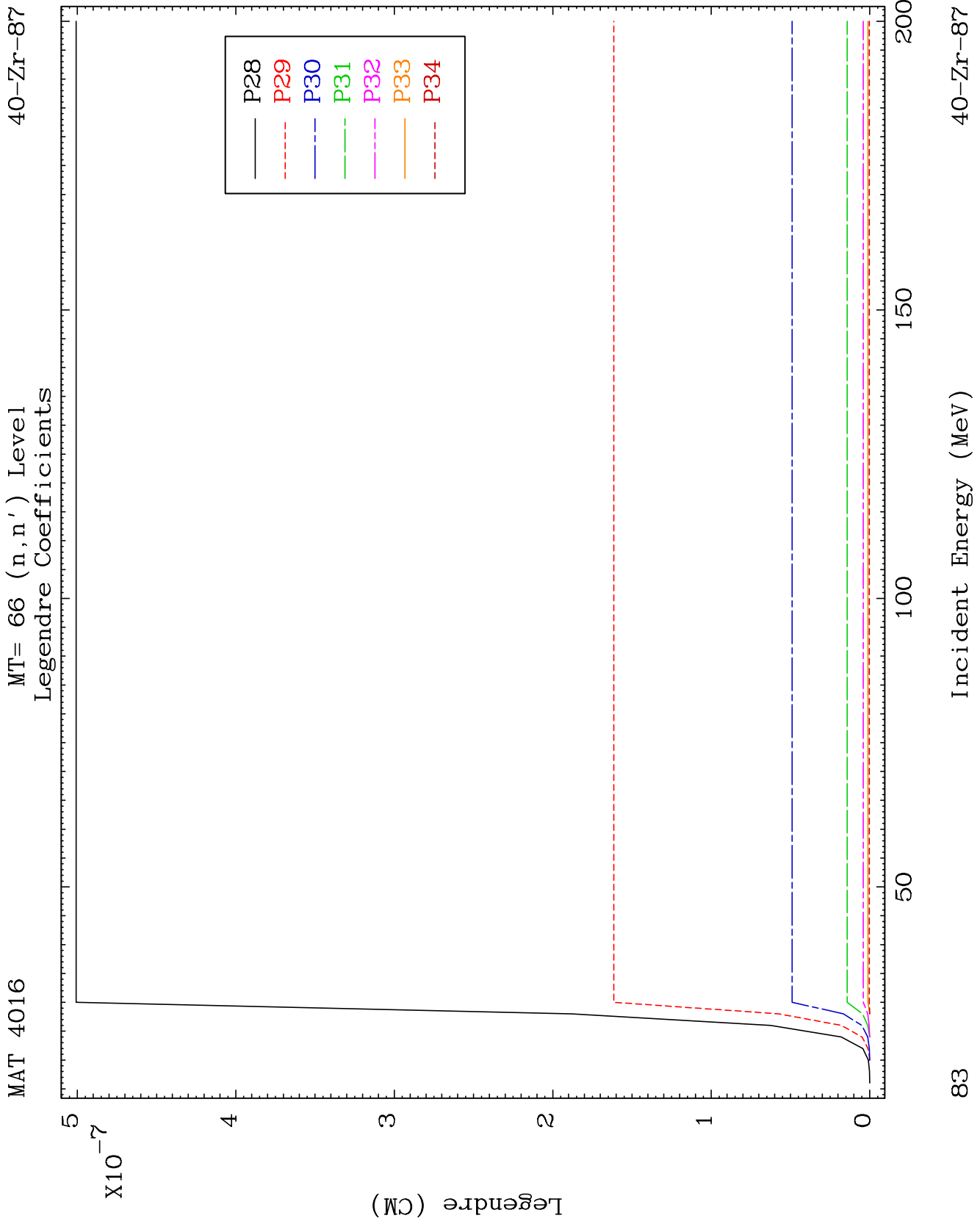


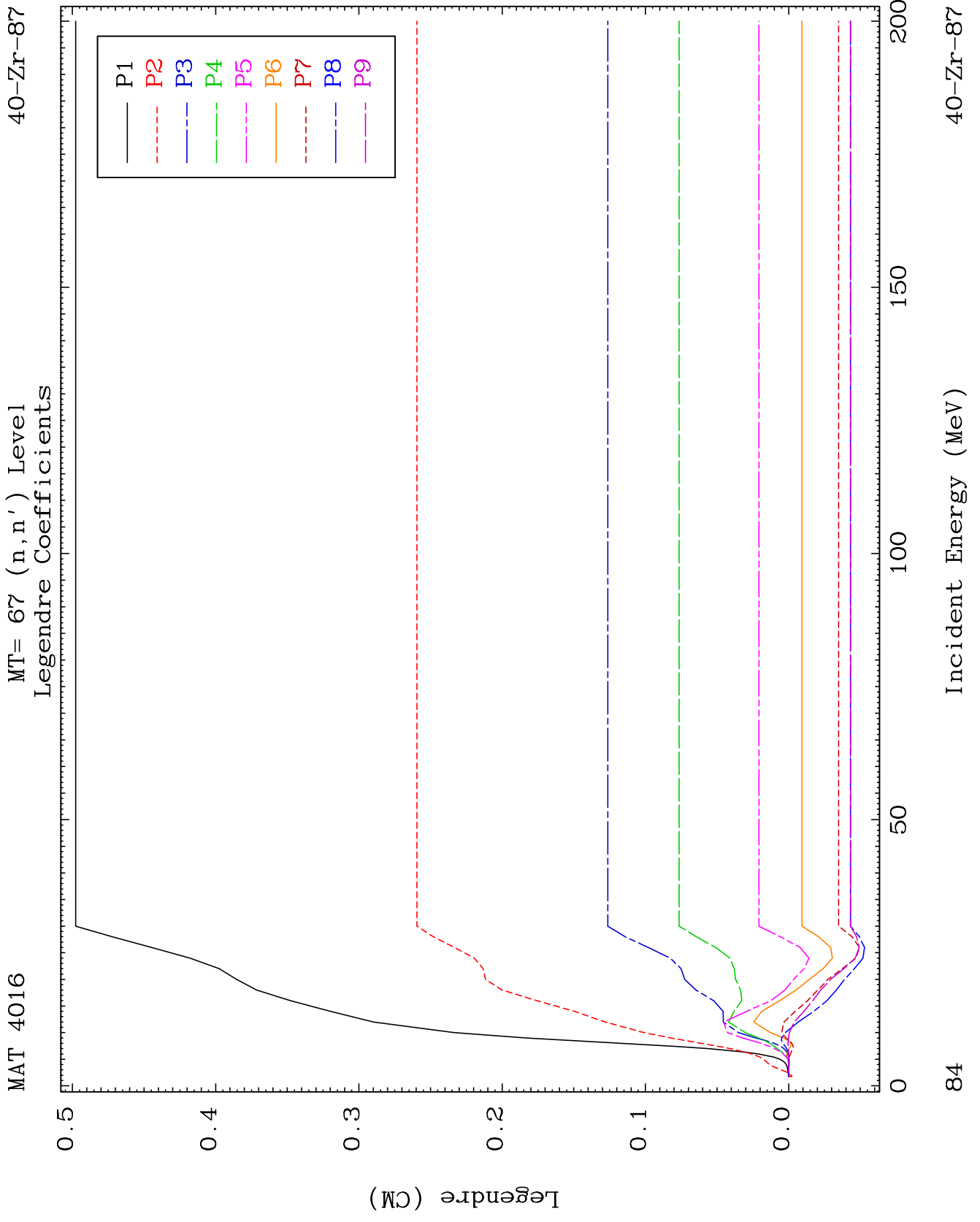


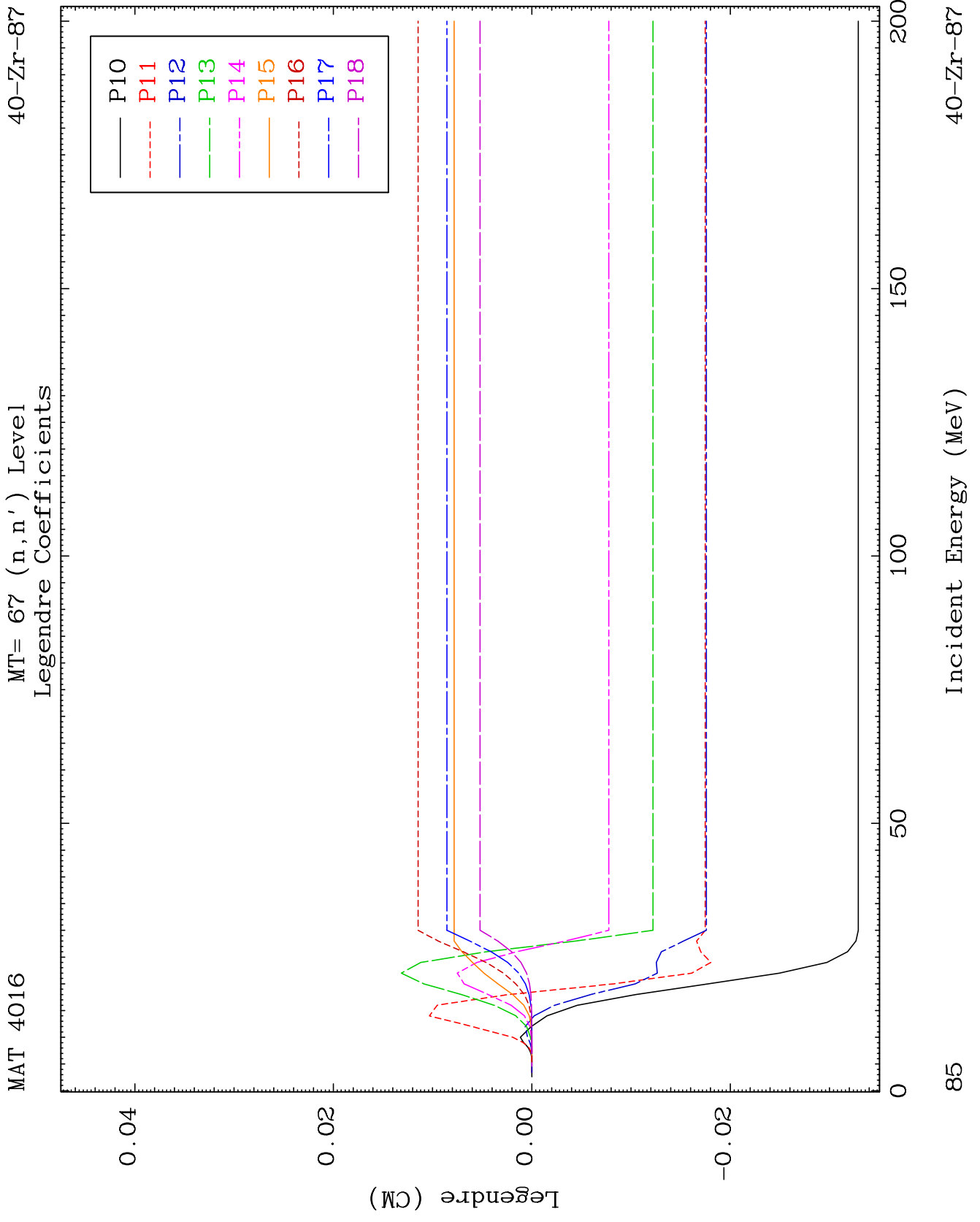


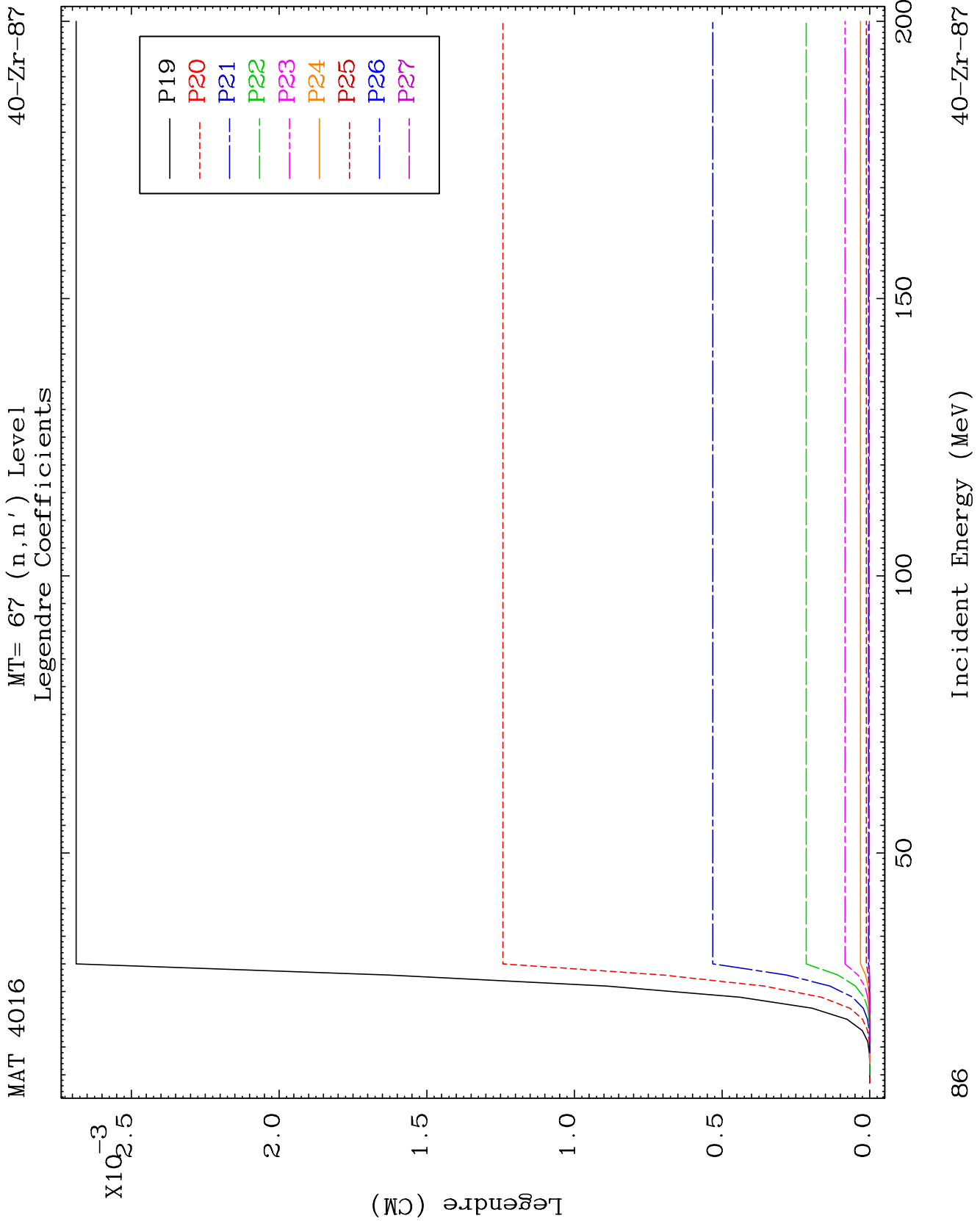


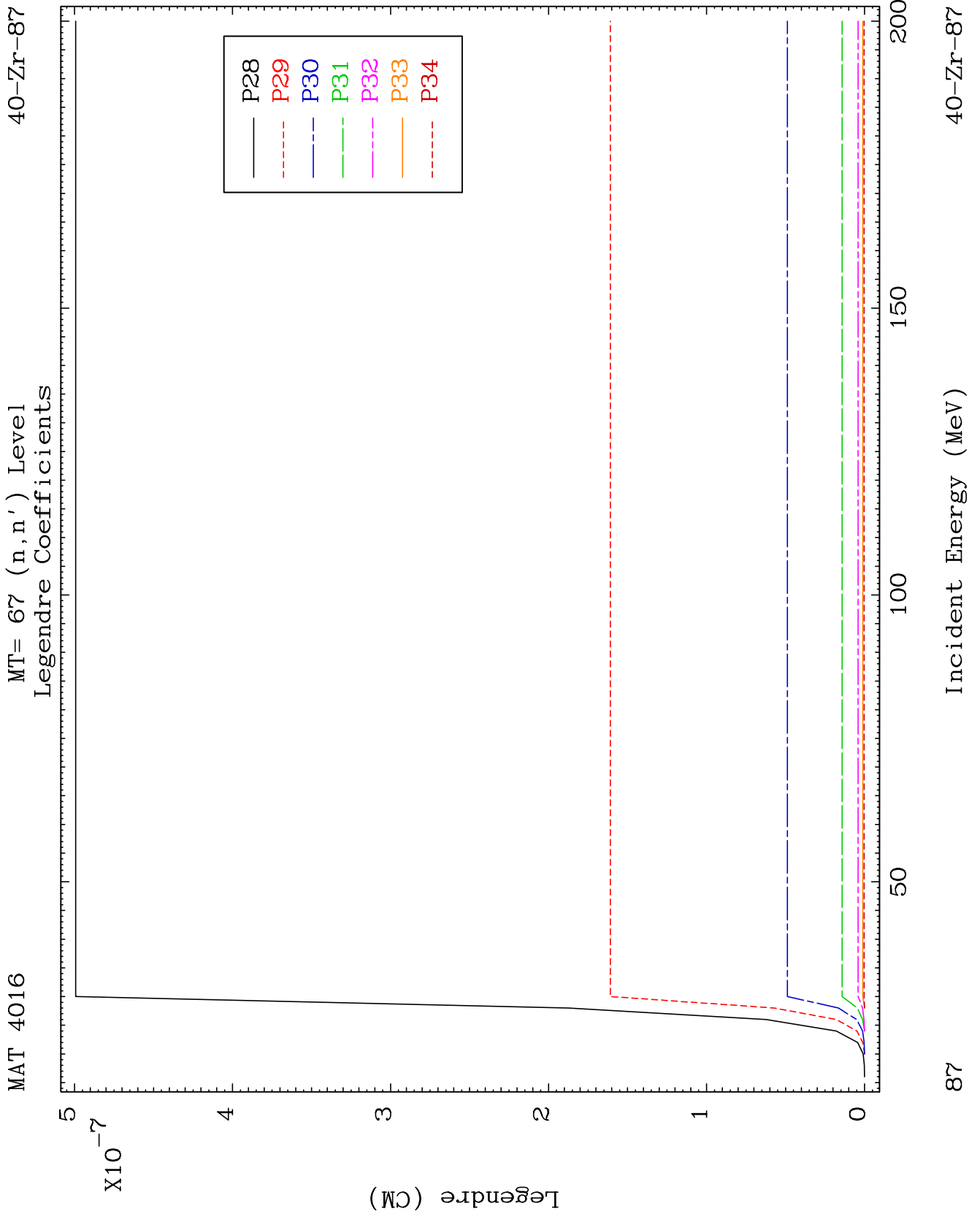


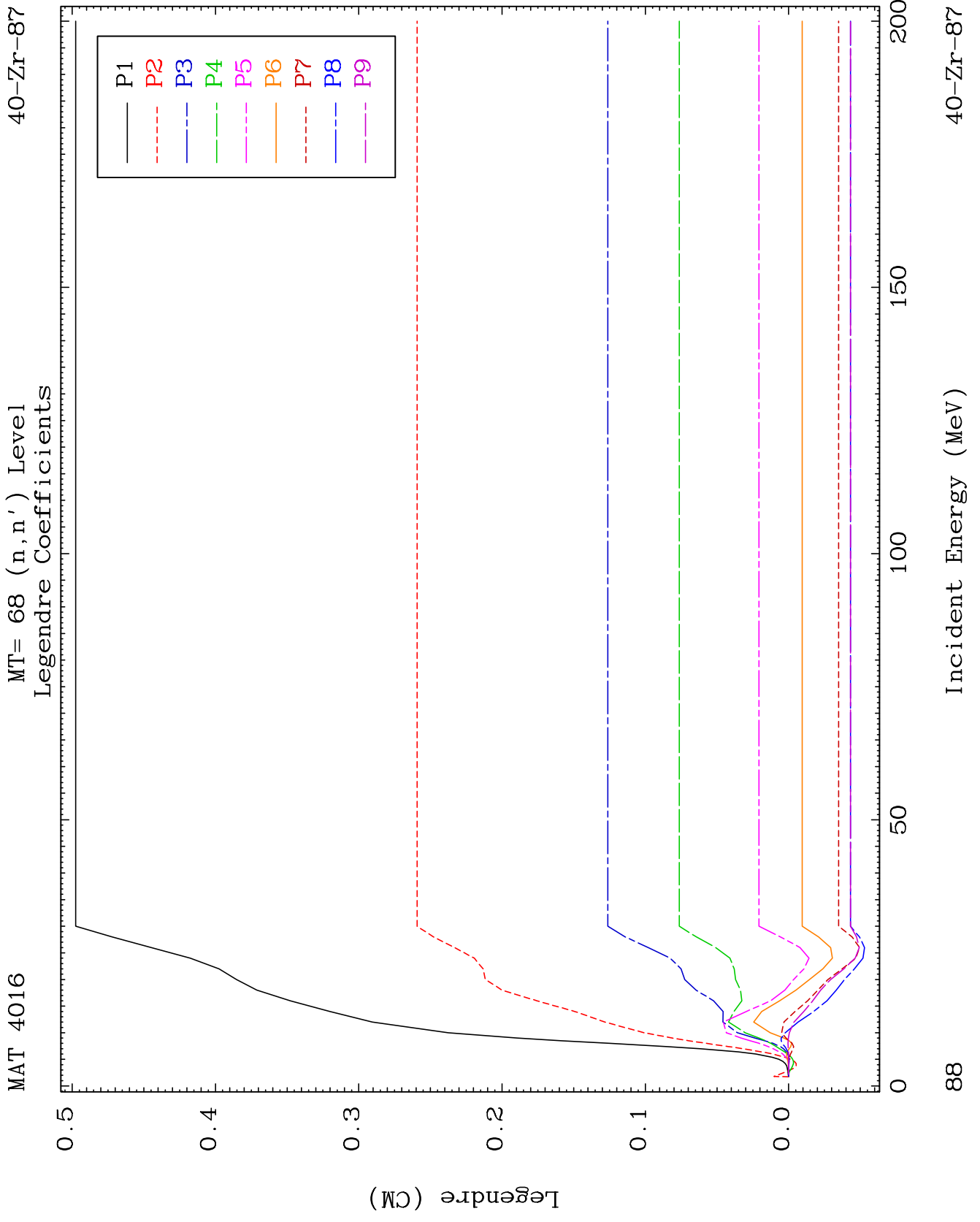


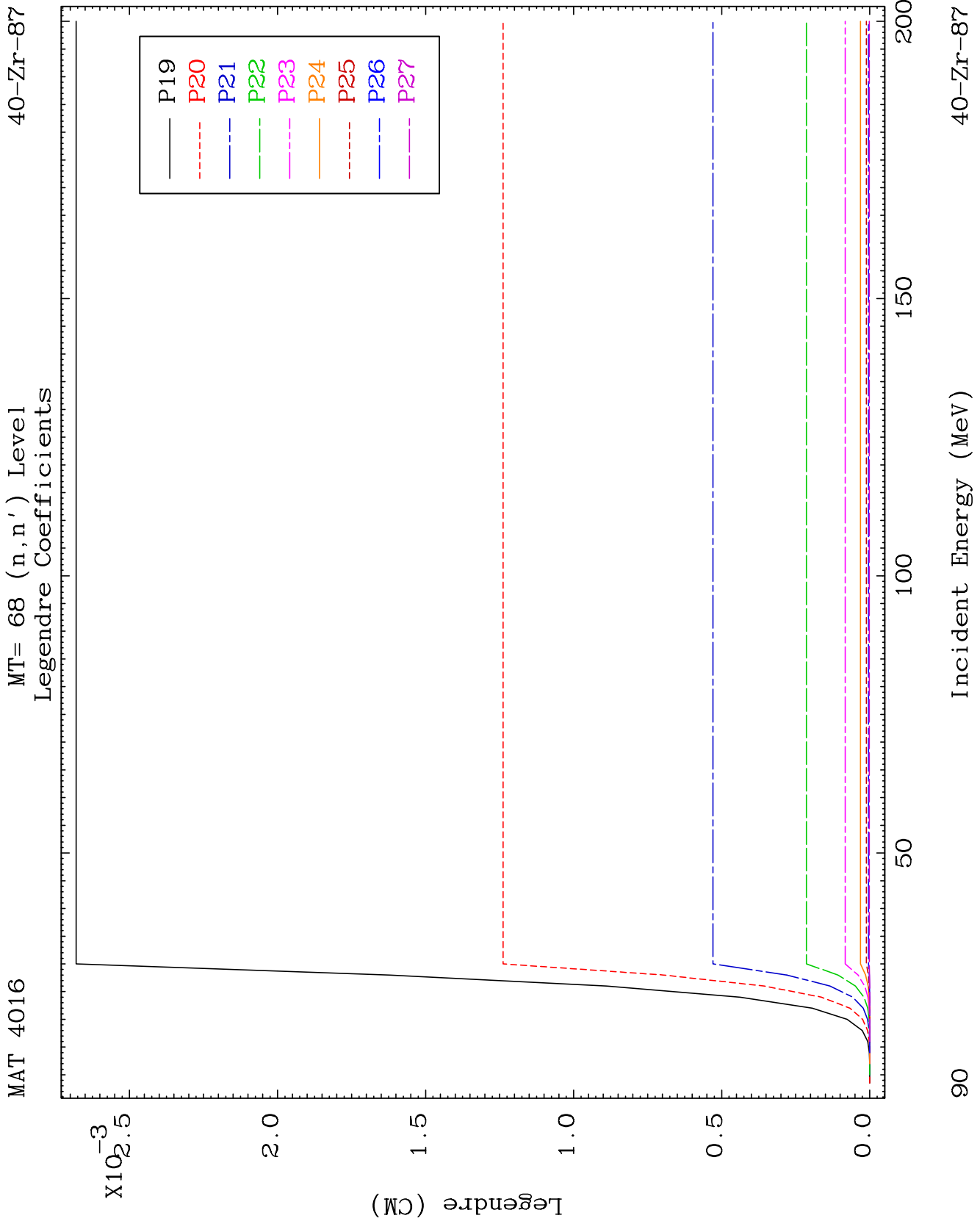


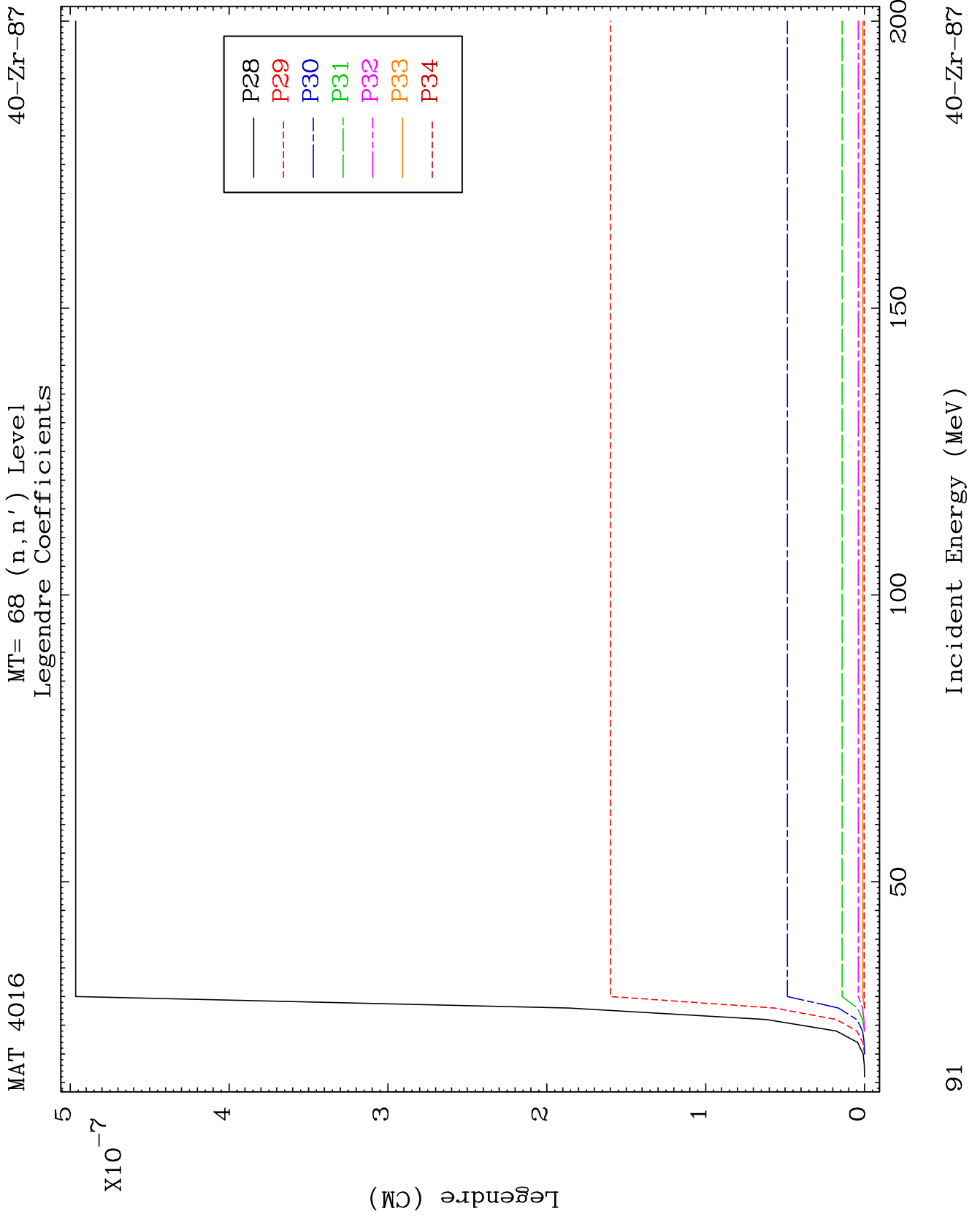








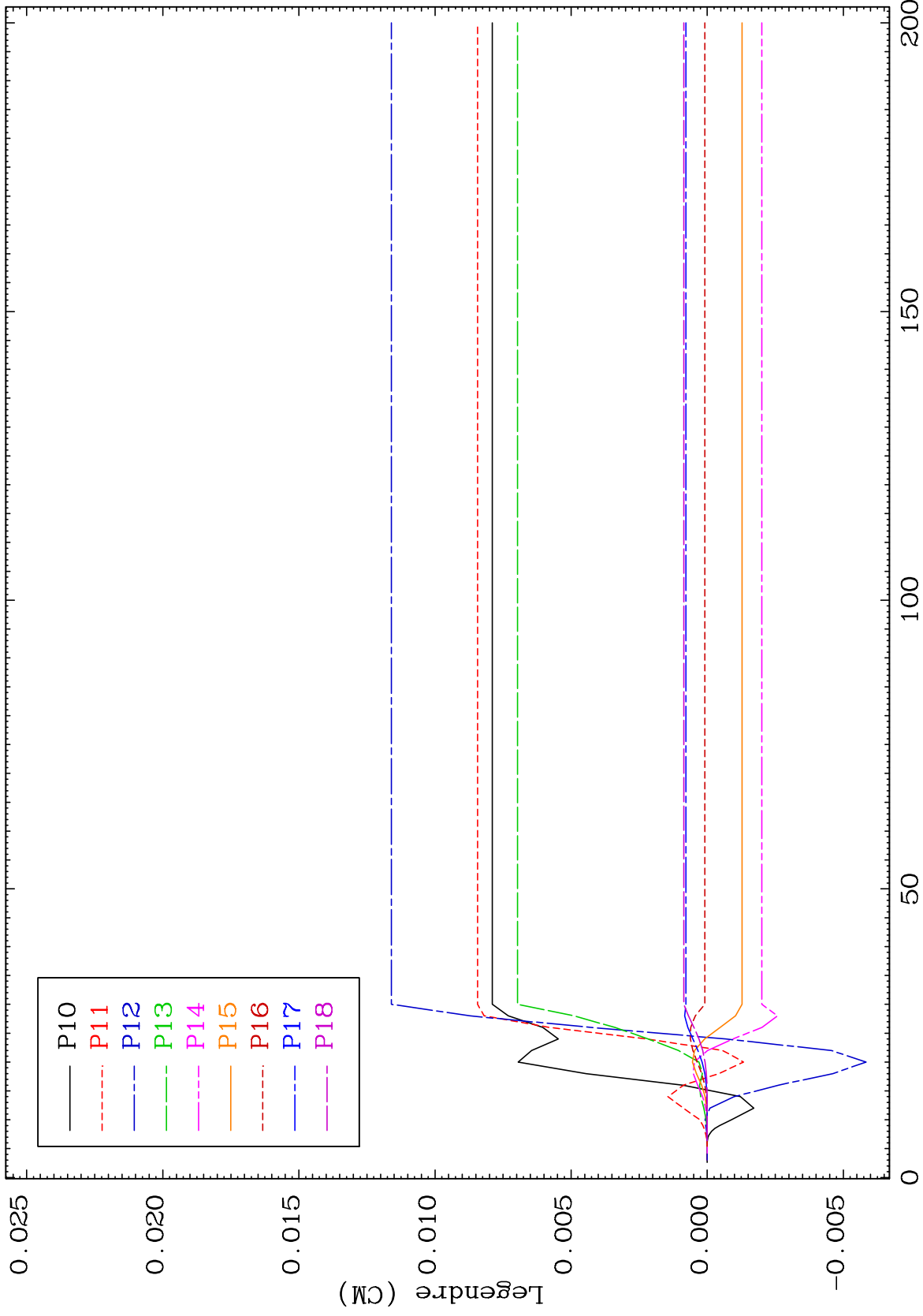




MAT 4016

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

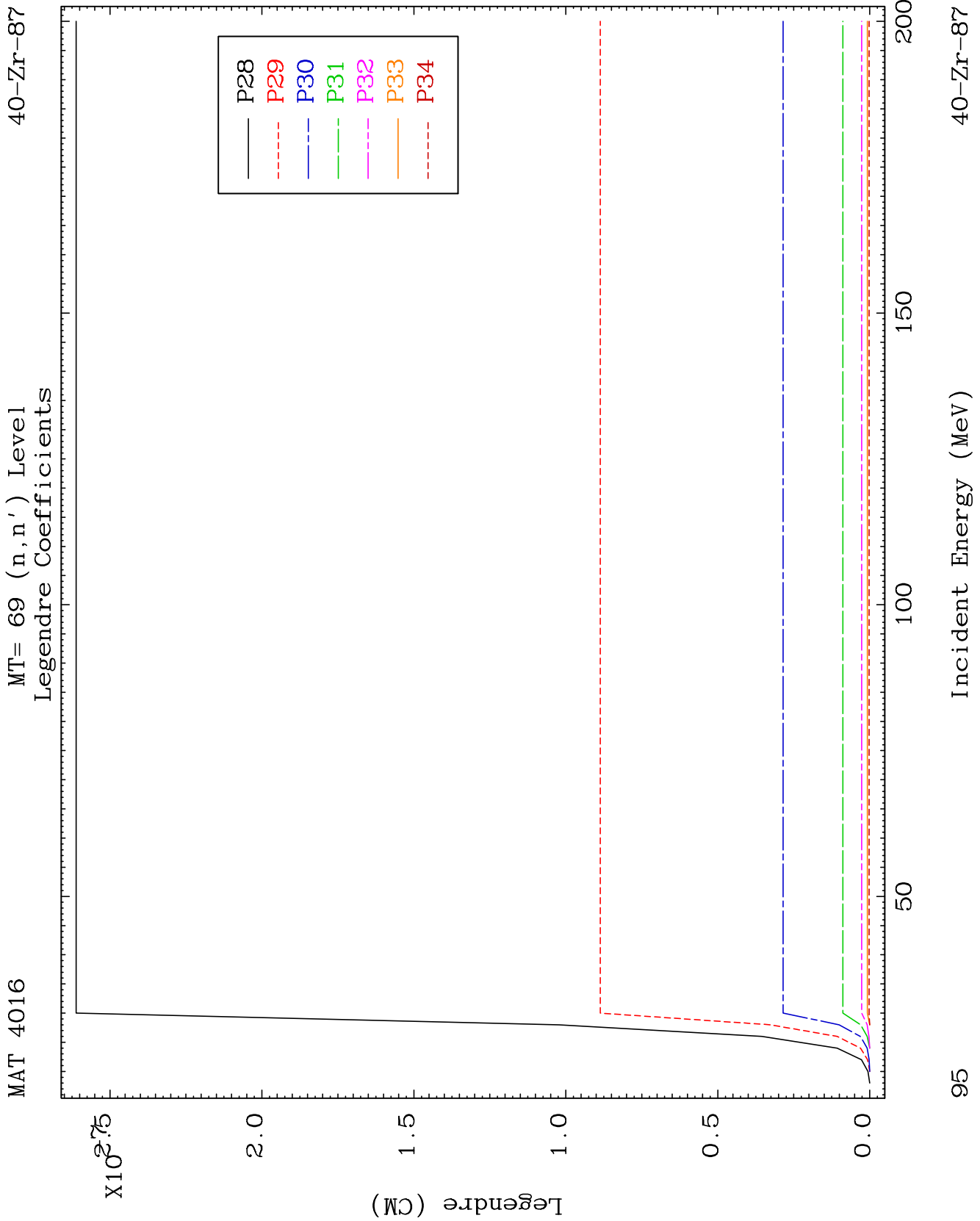
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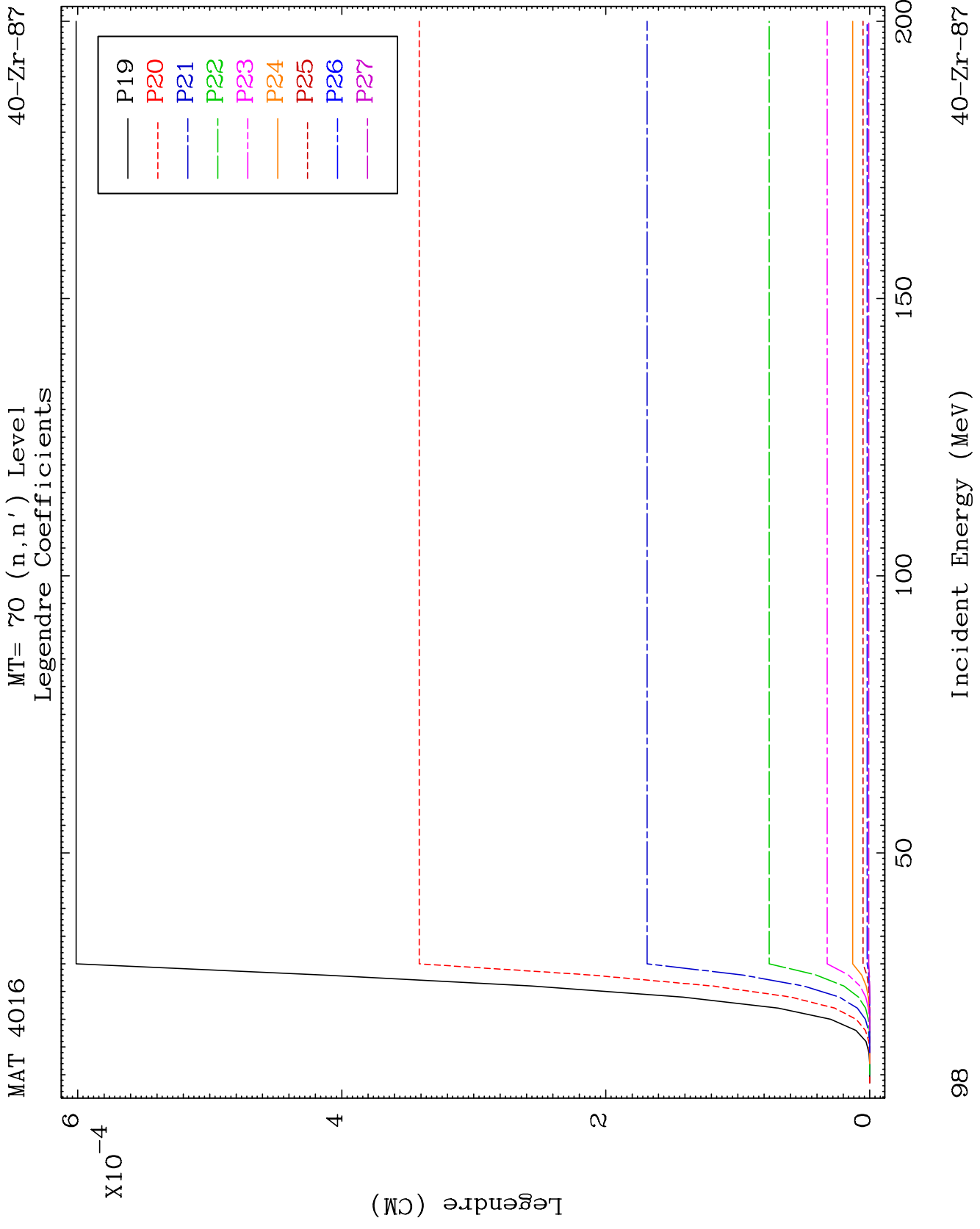


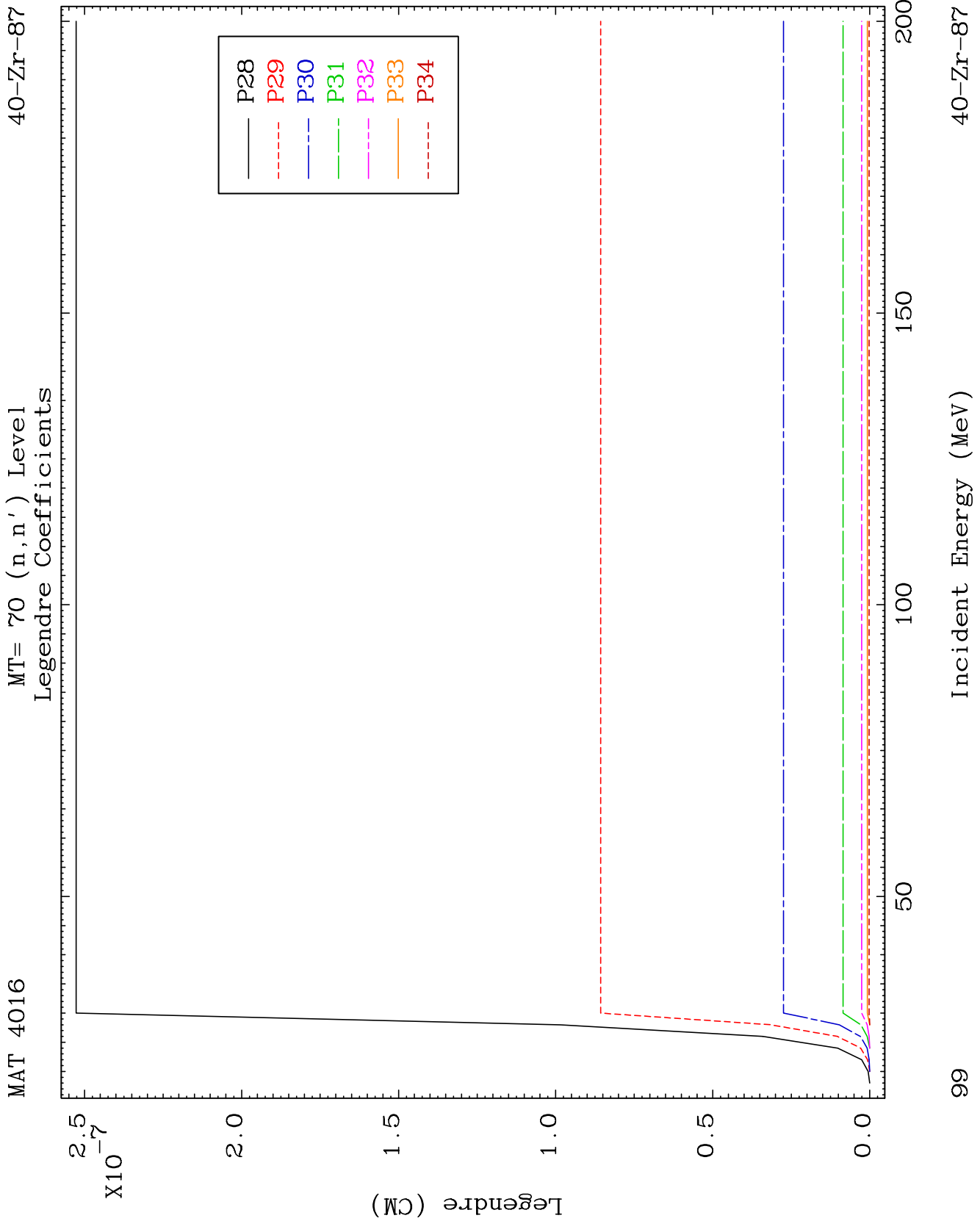
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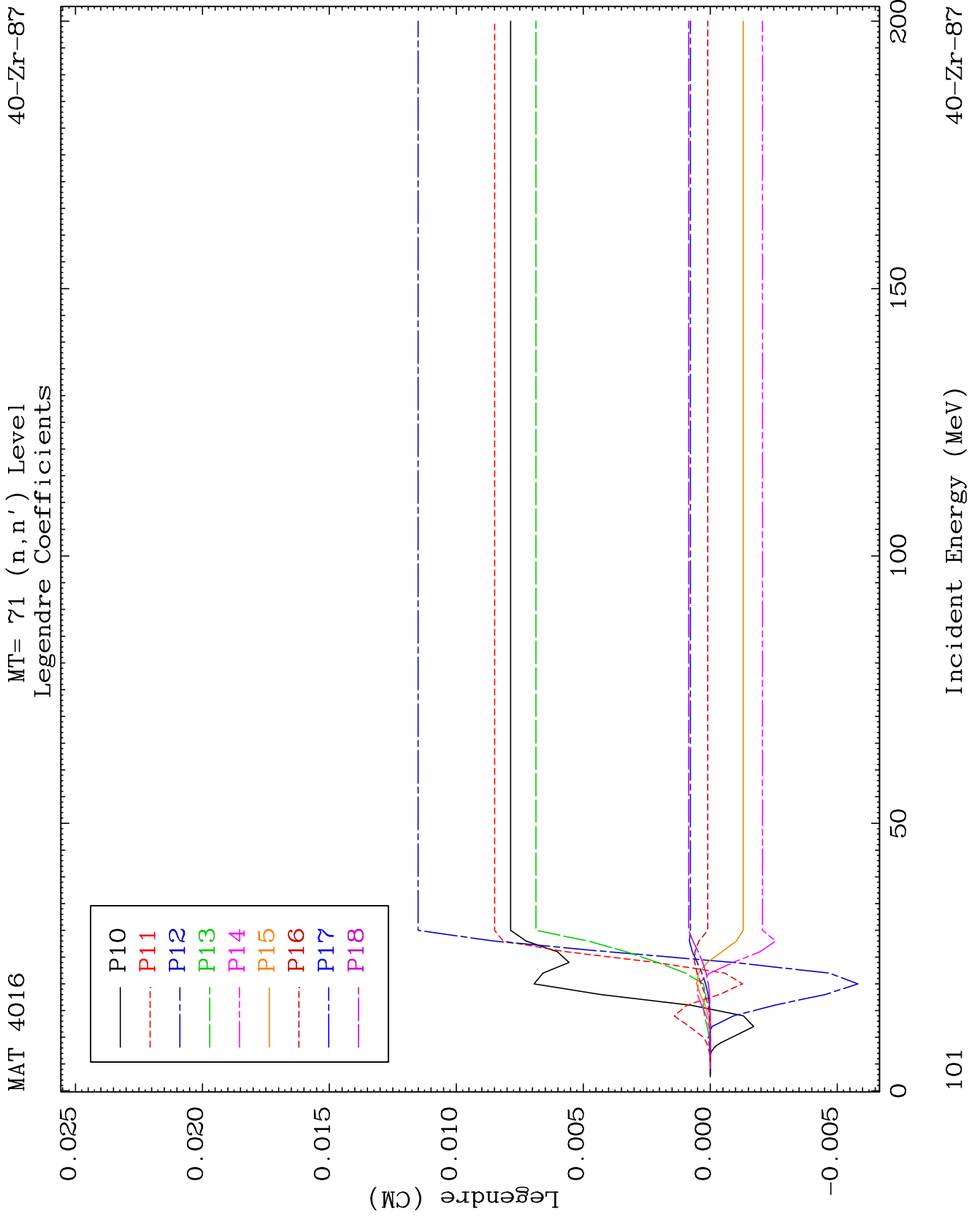
Incident Energy (MeV)

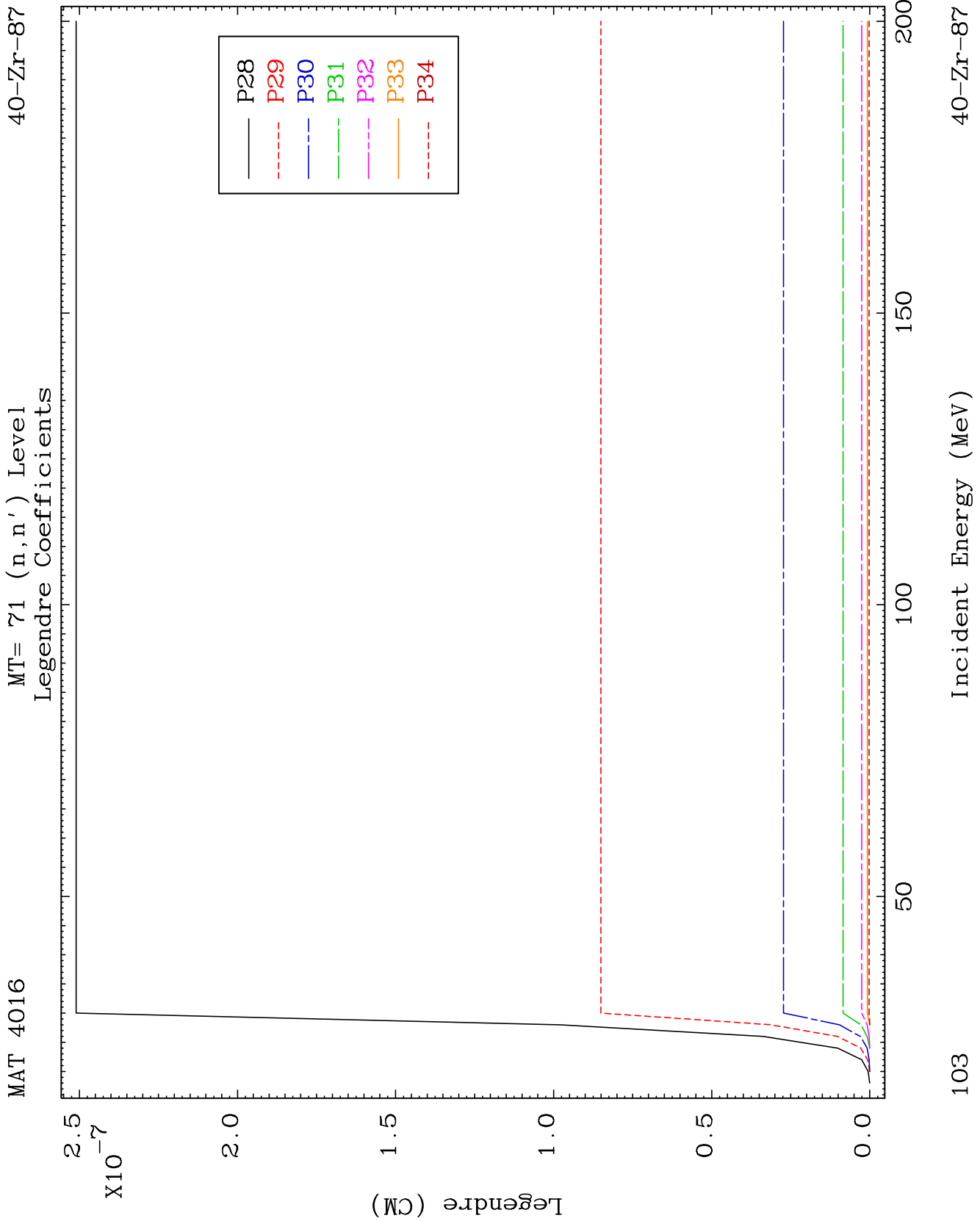
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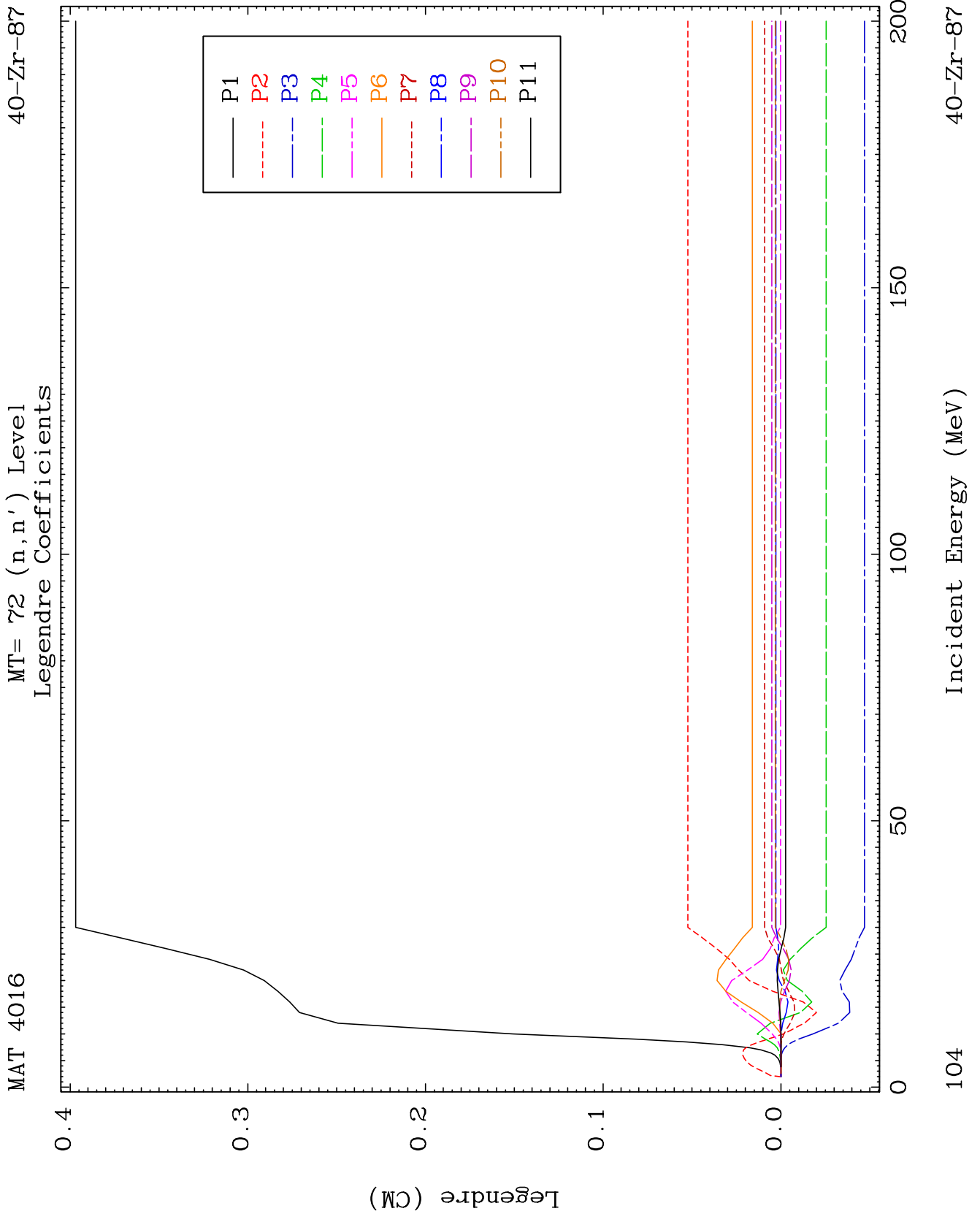


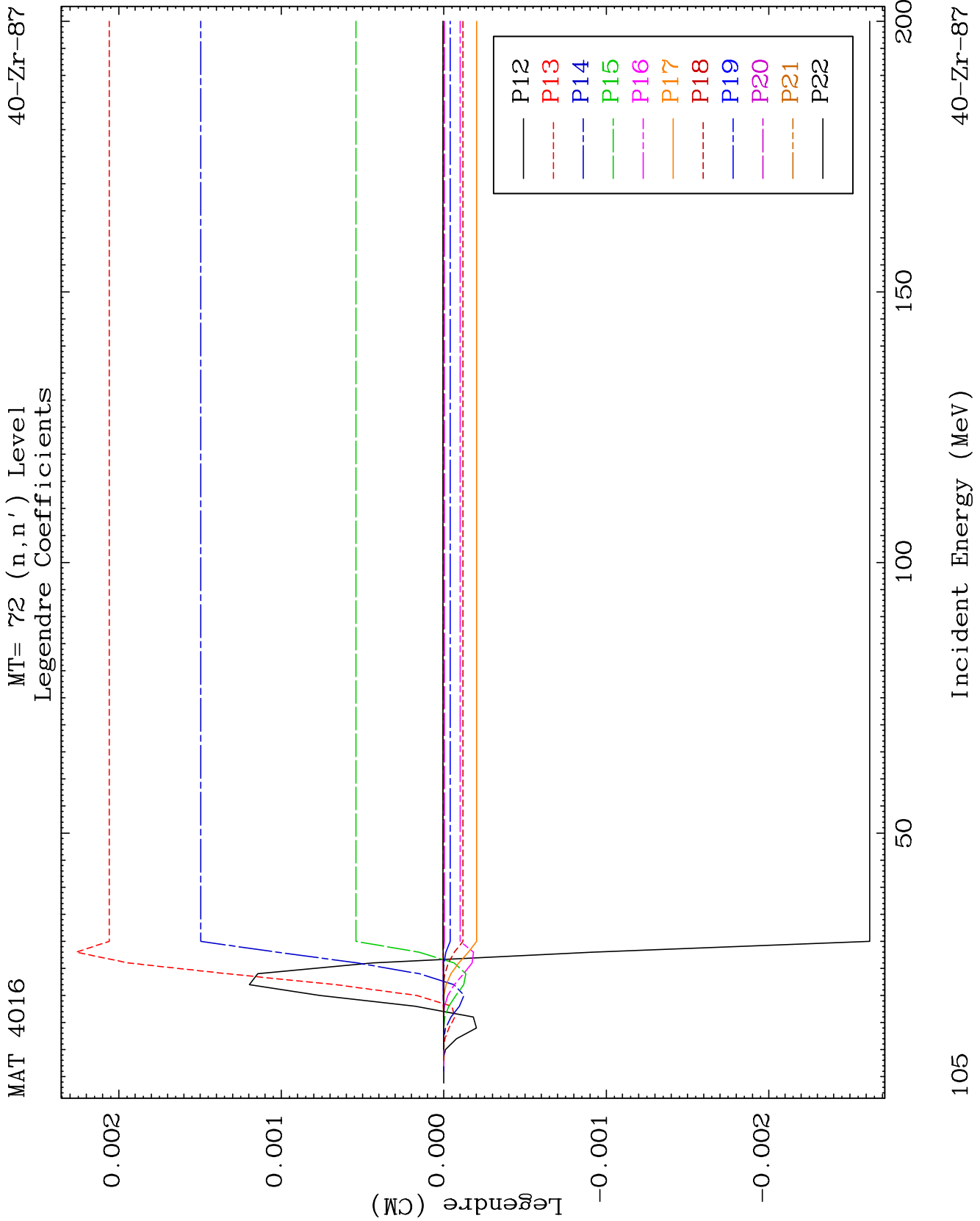


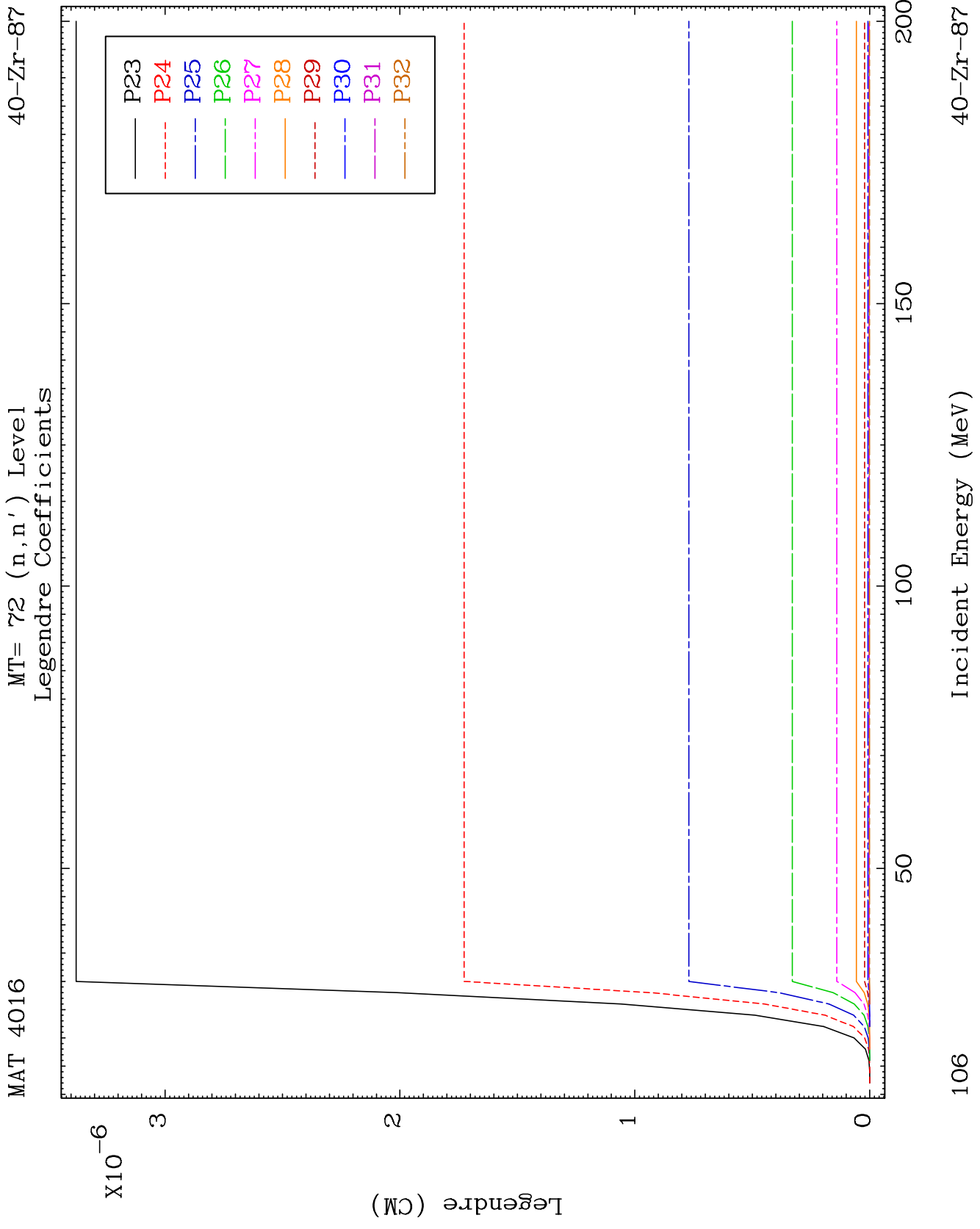


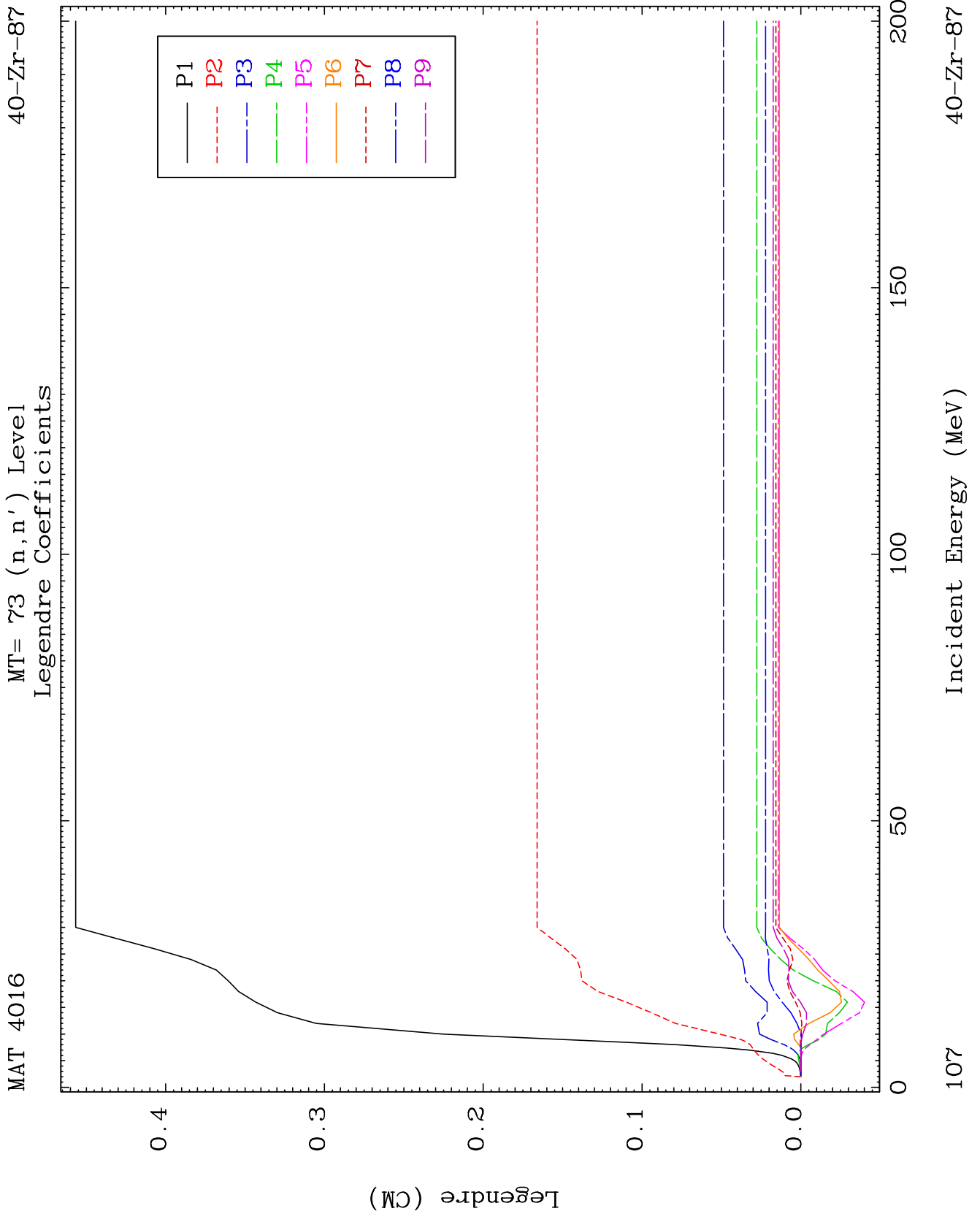


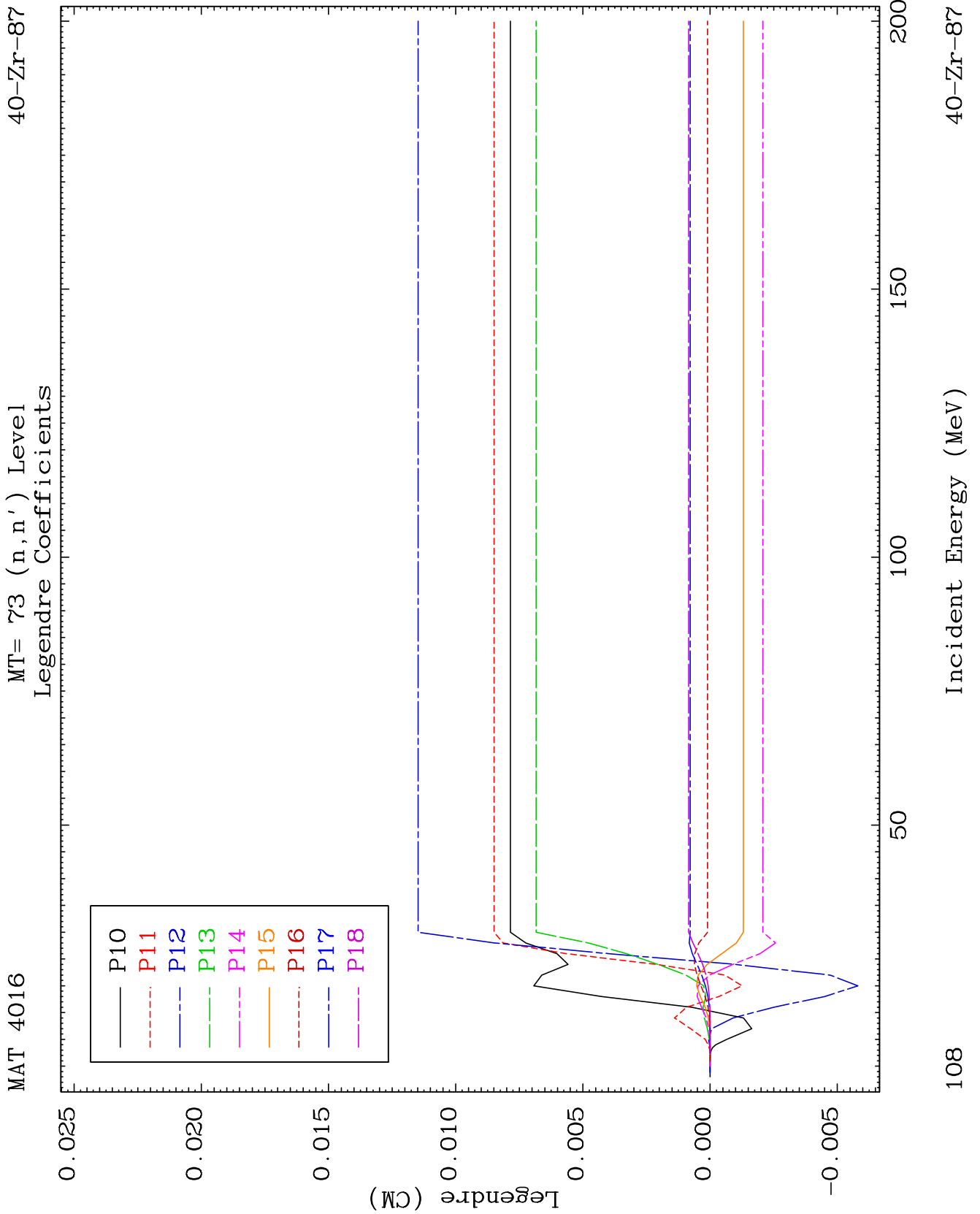


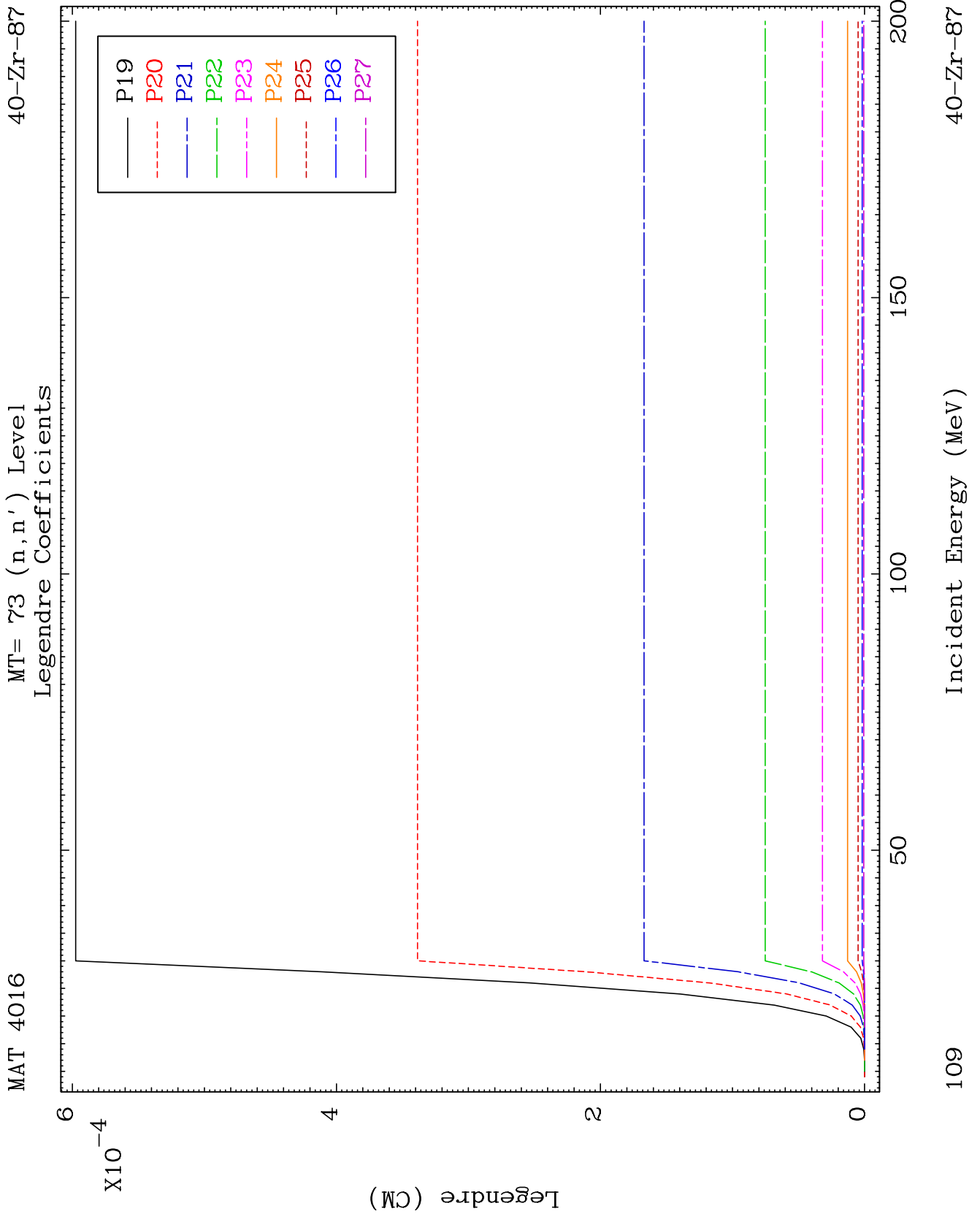


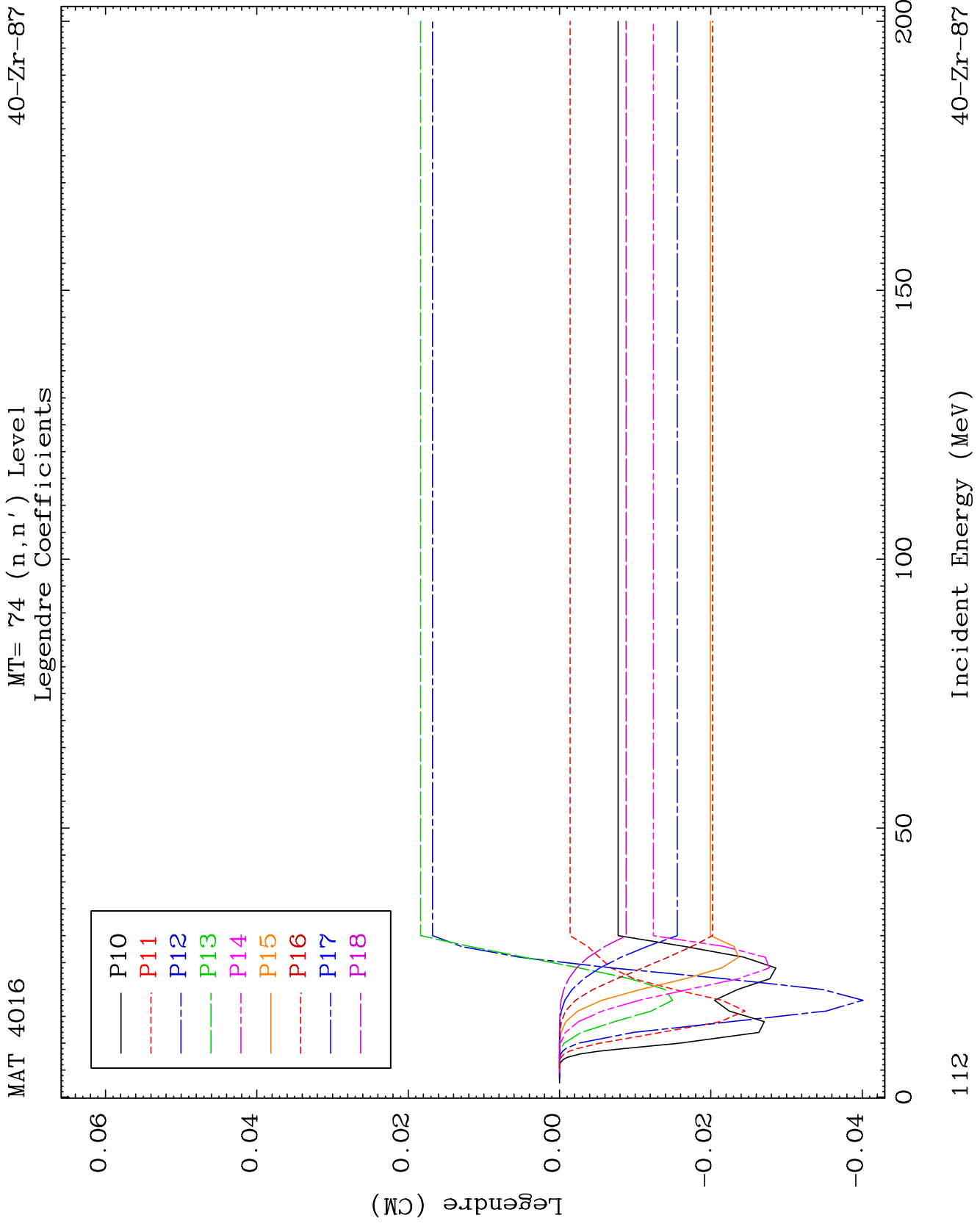


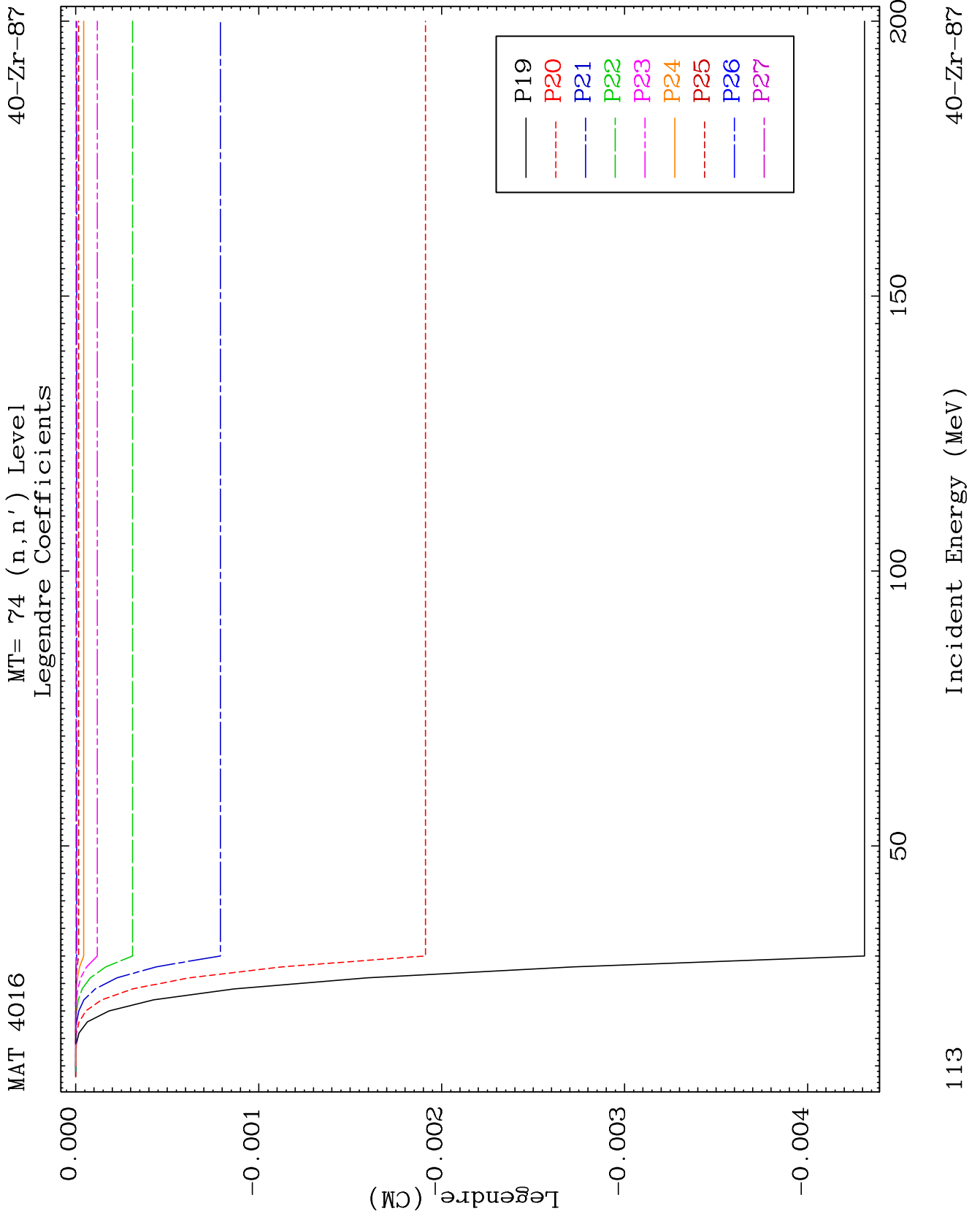


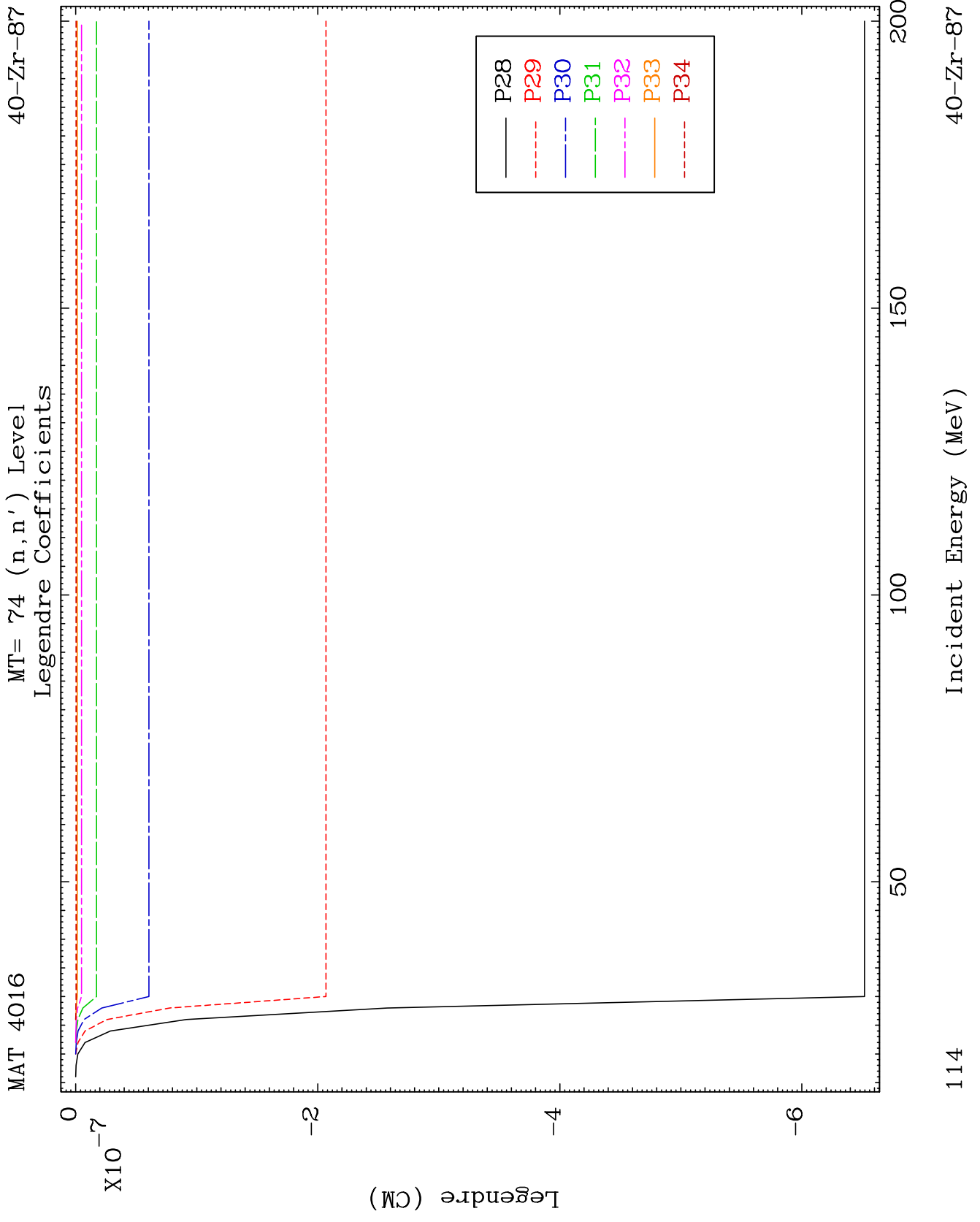


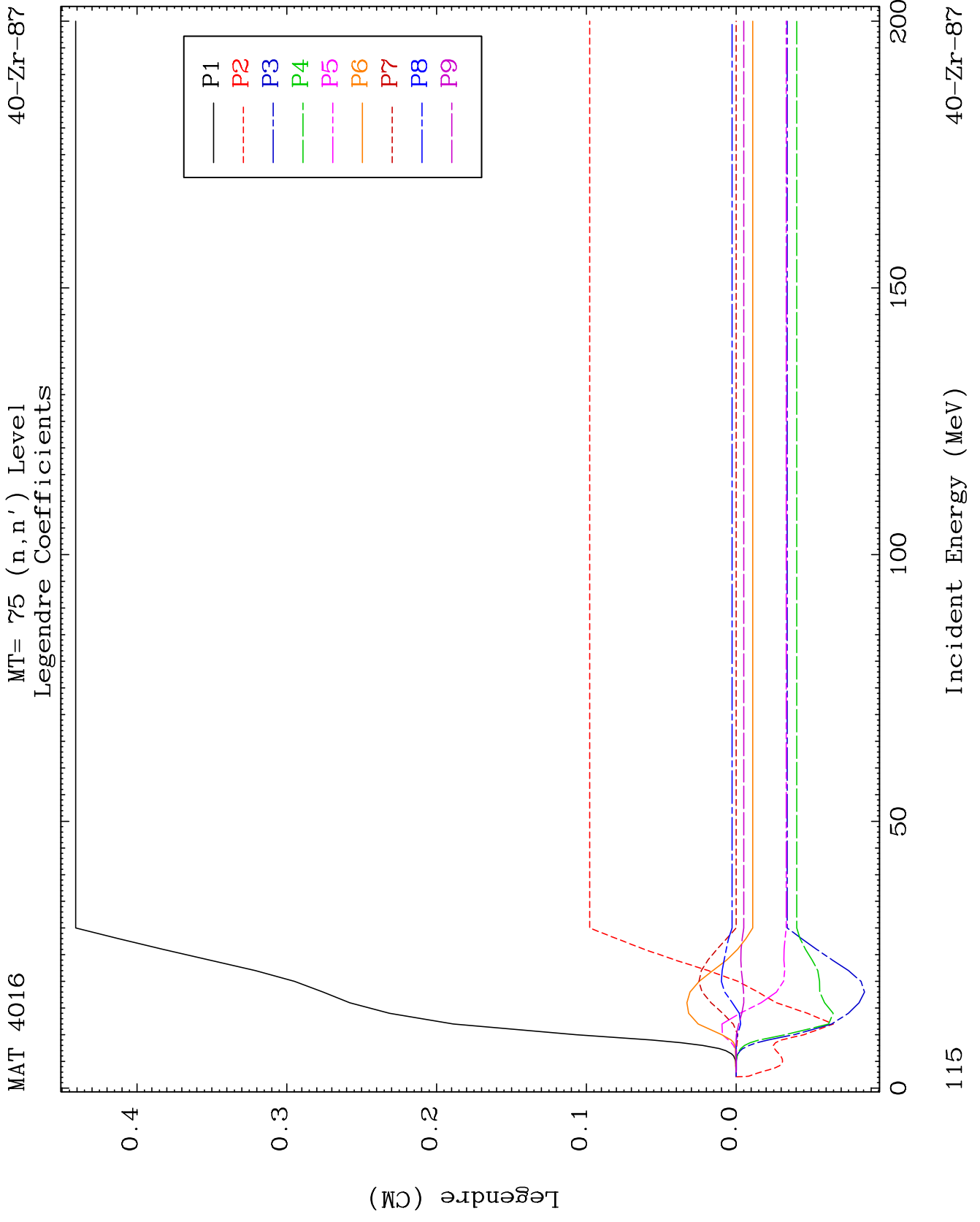


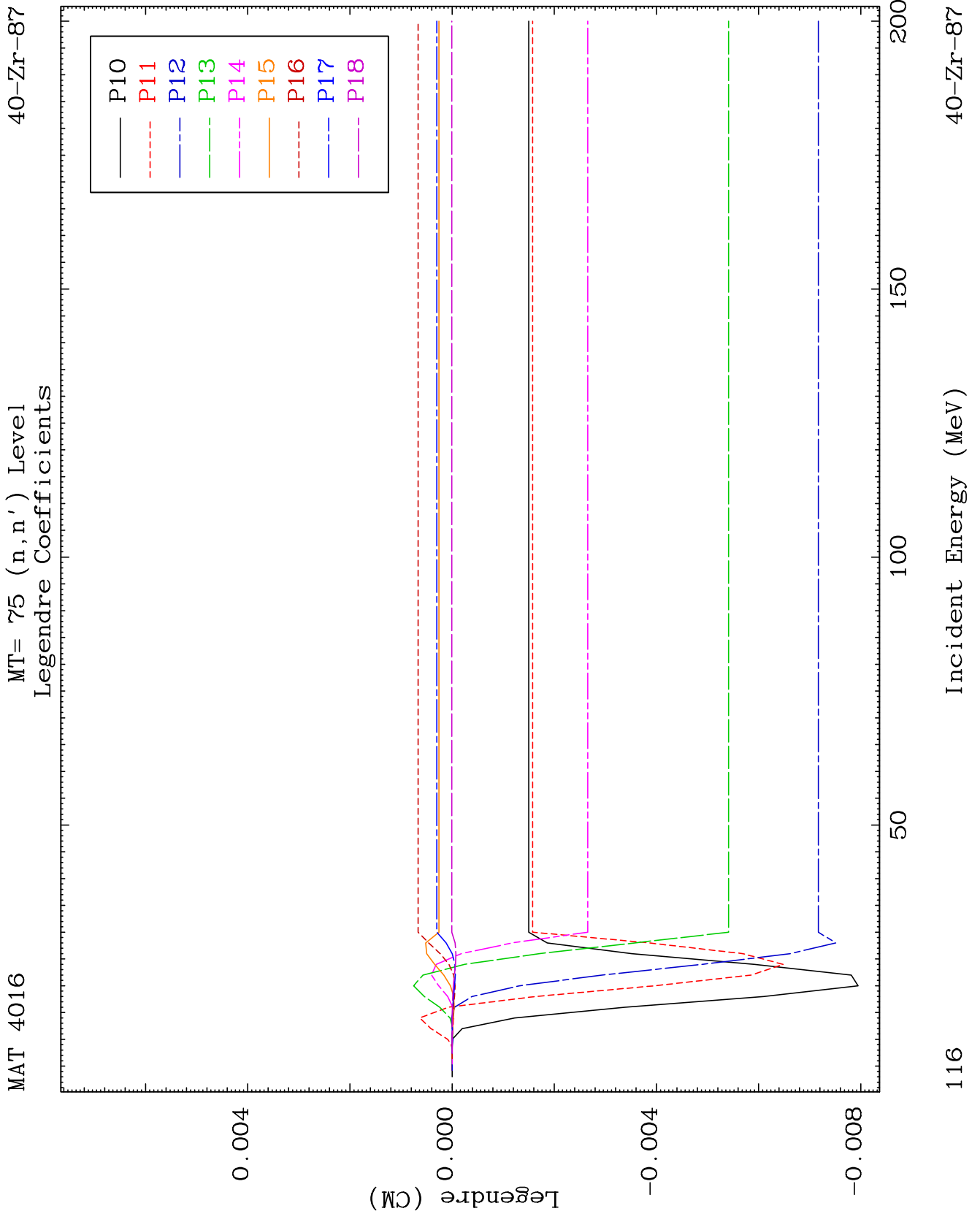


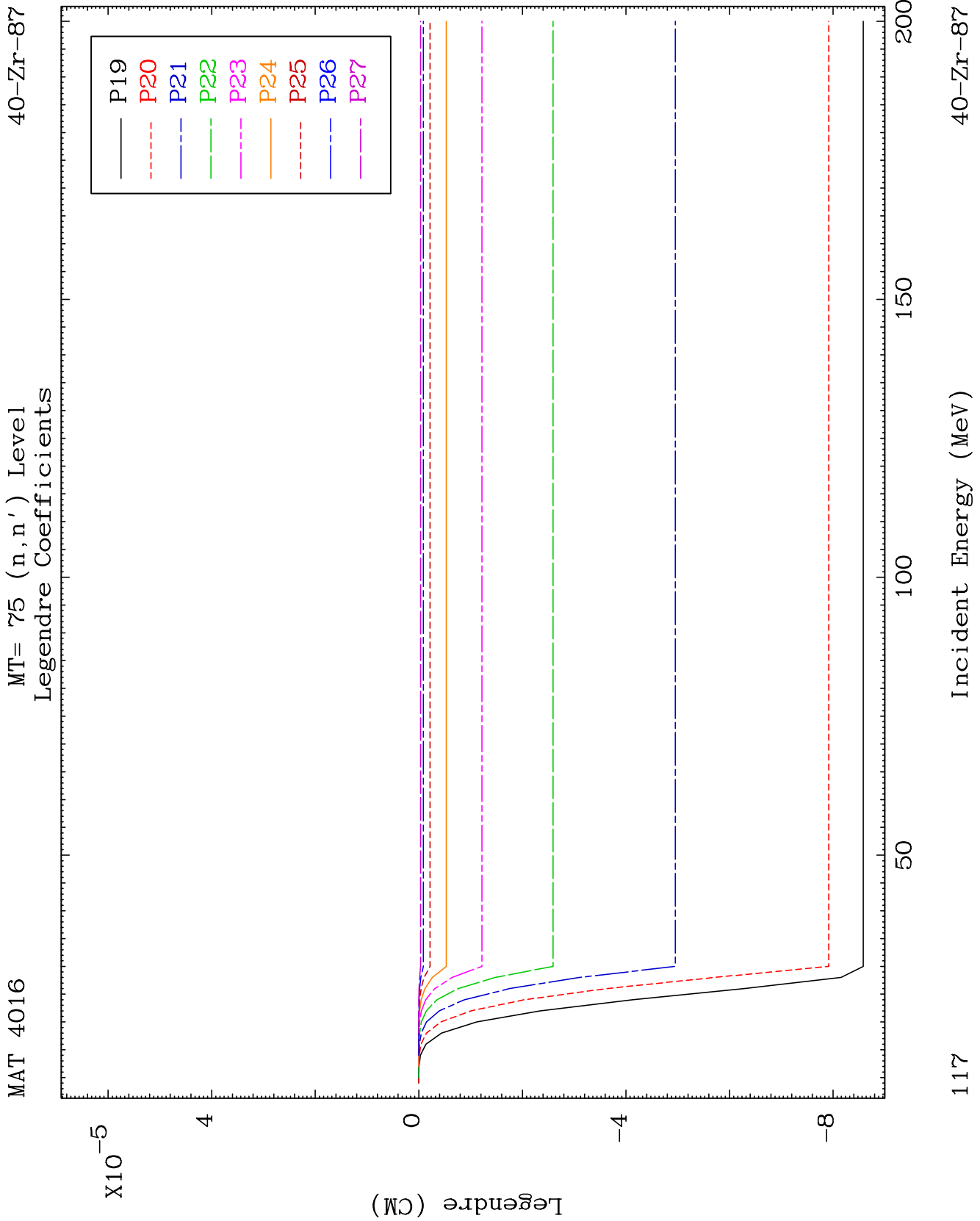


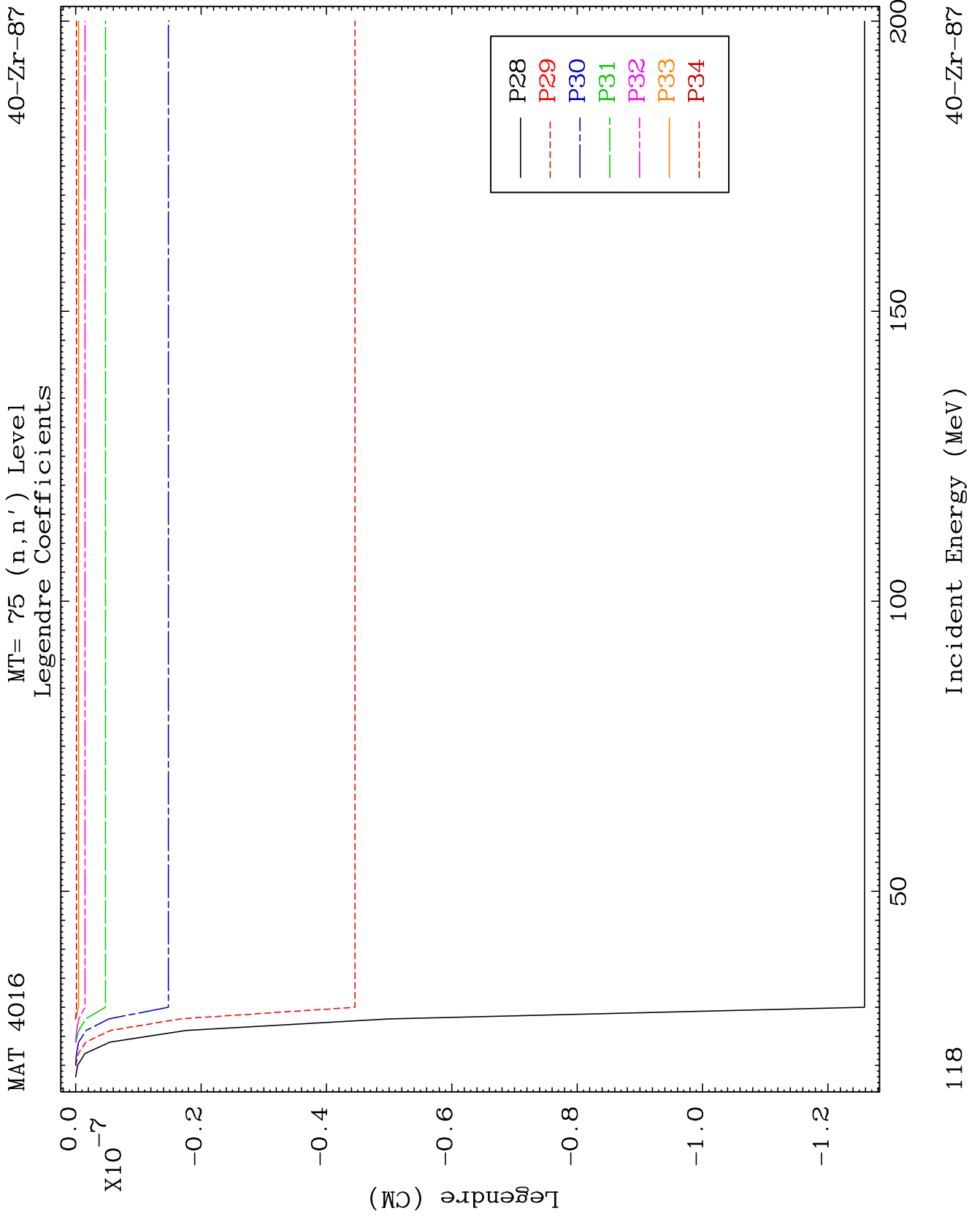


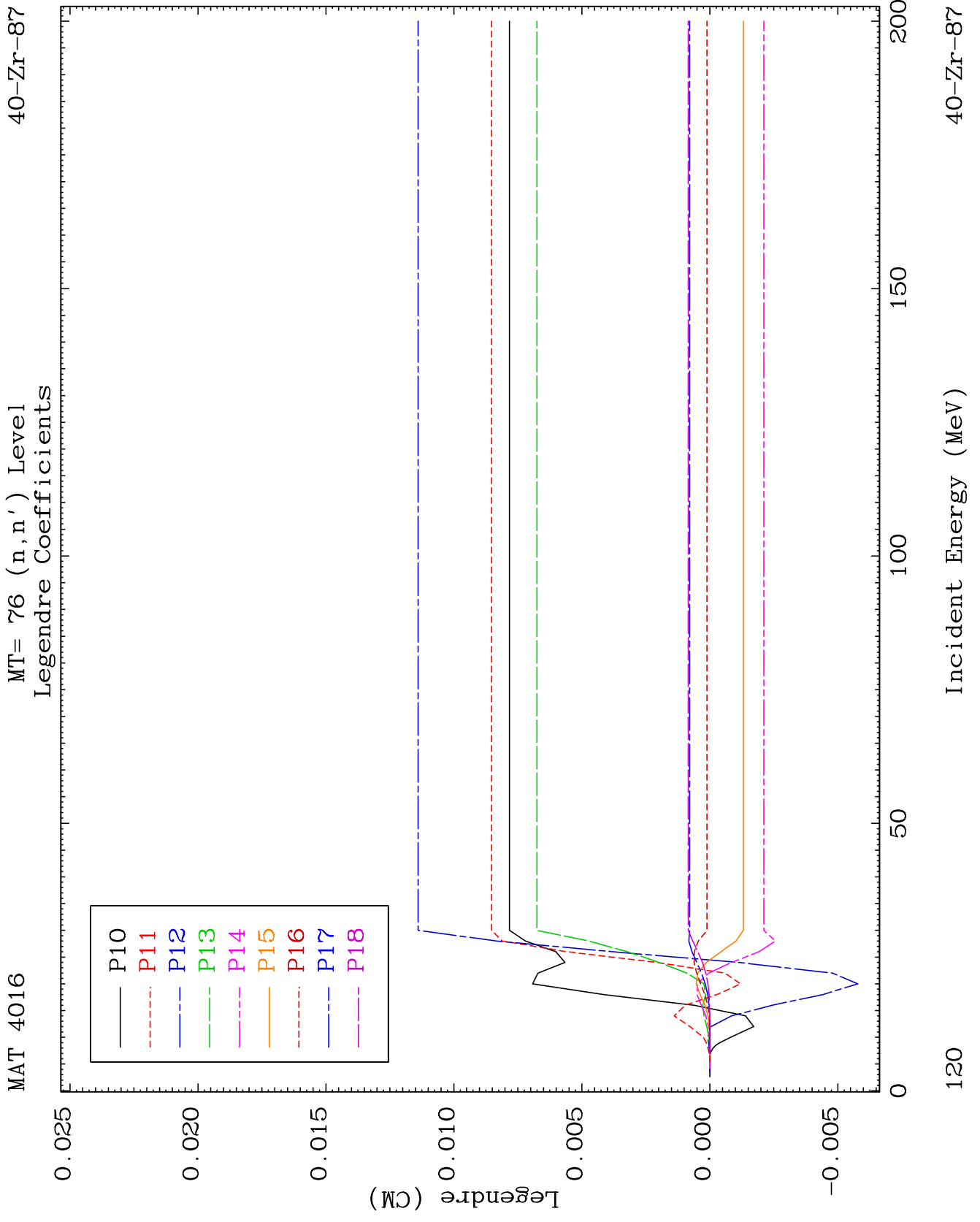


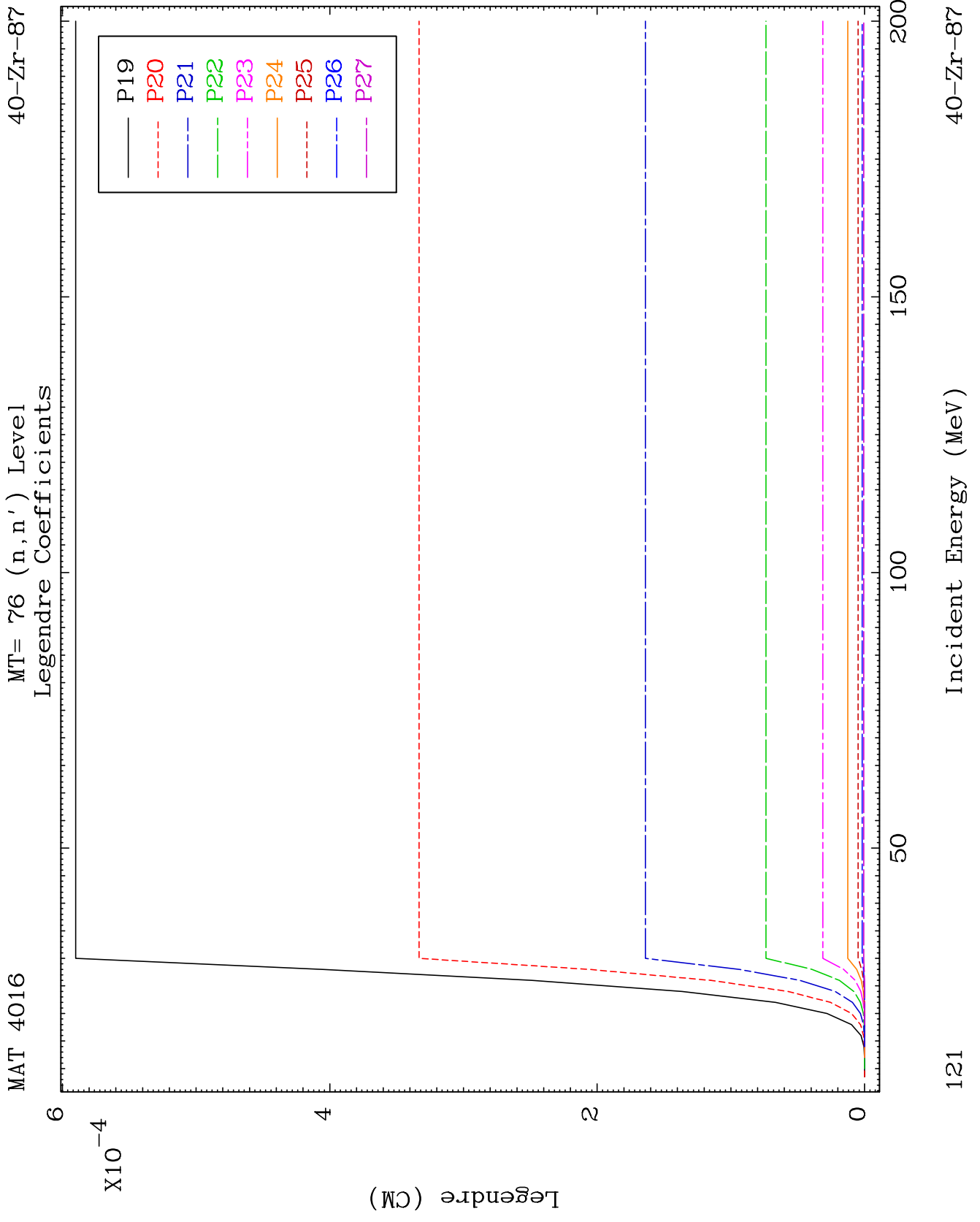


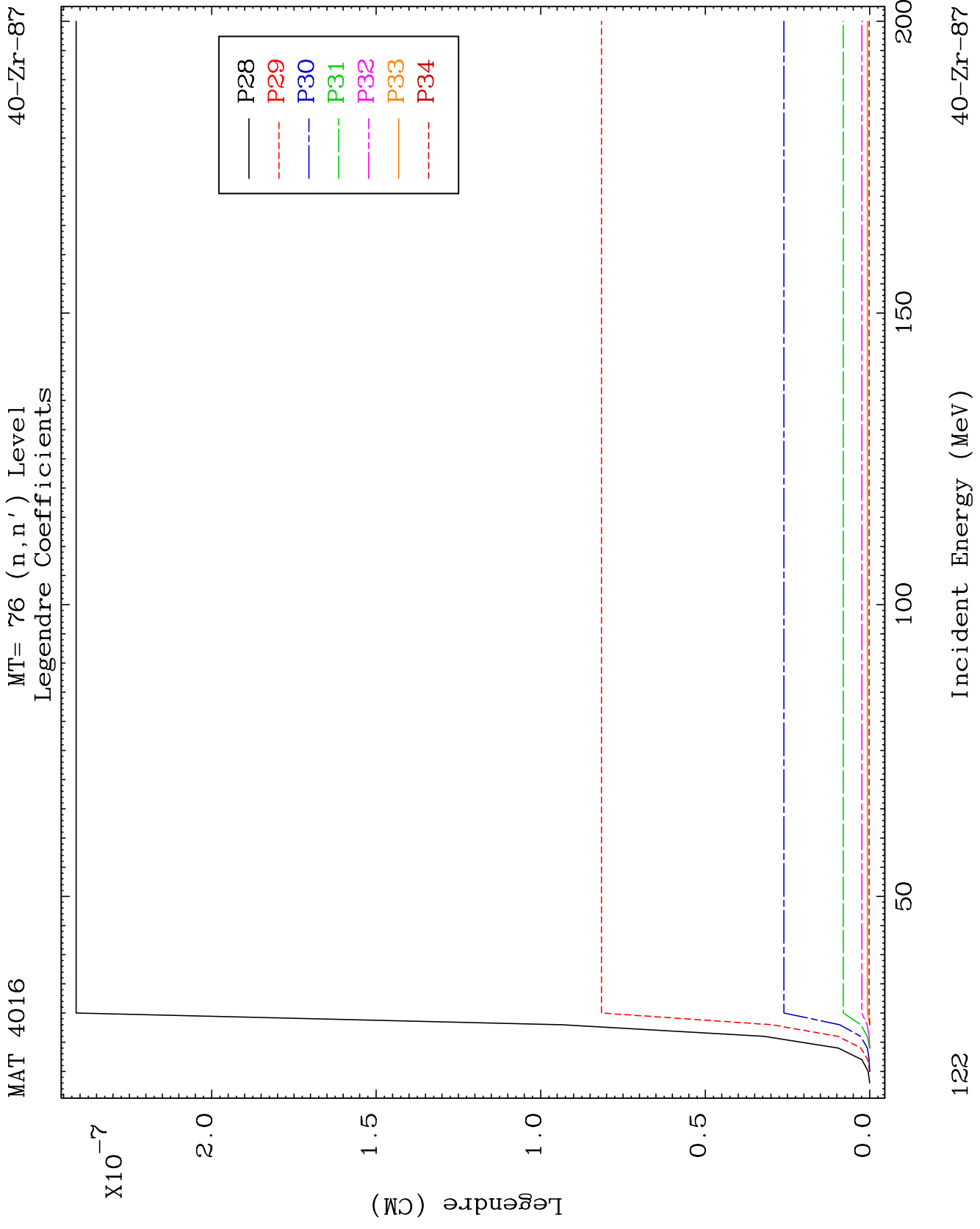








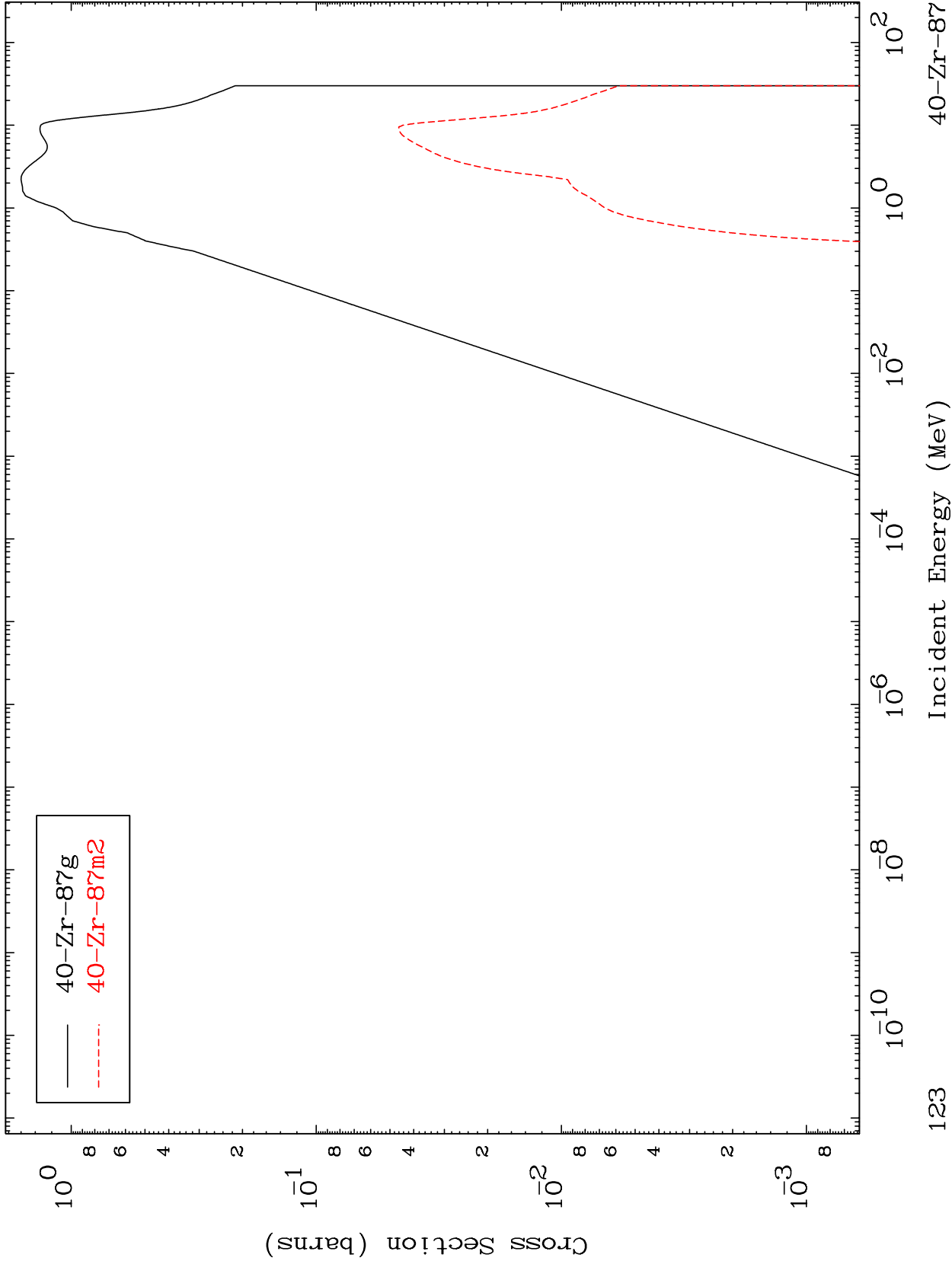




MAT 4016

Inelastic
Radionuclide Production Cross Section

40-Zr-87

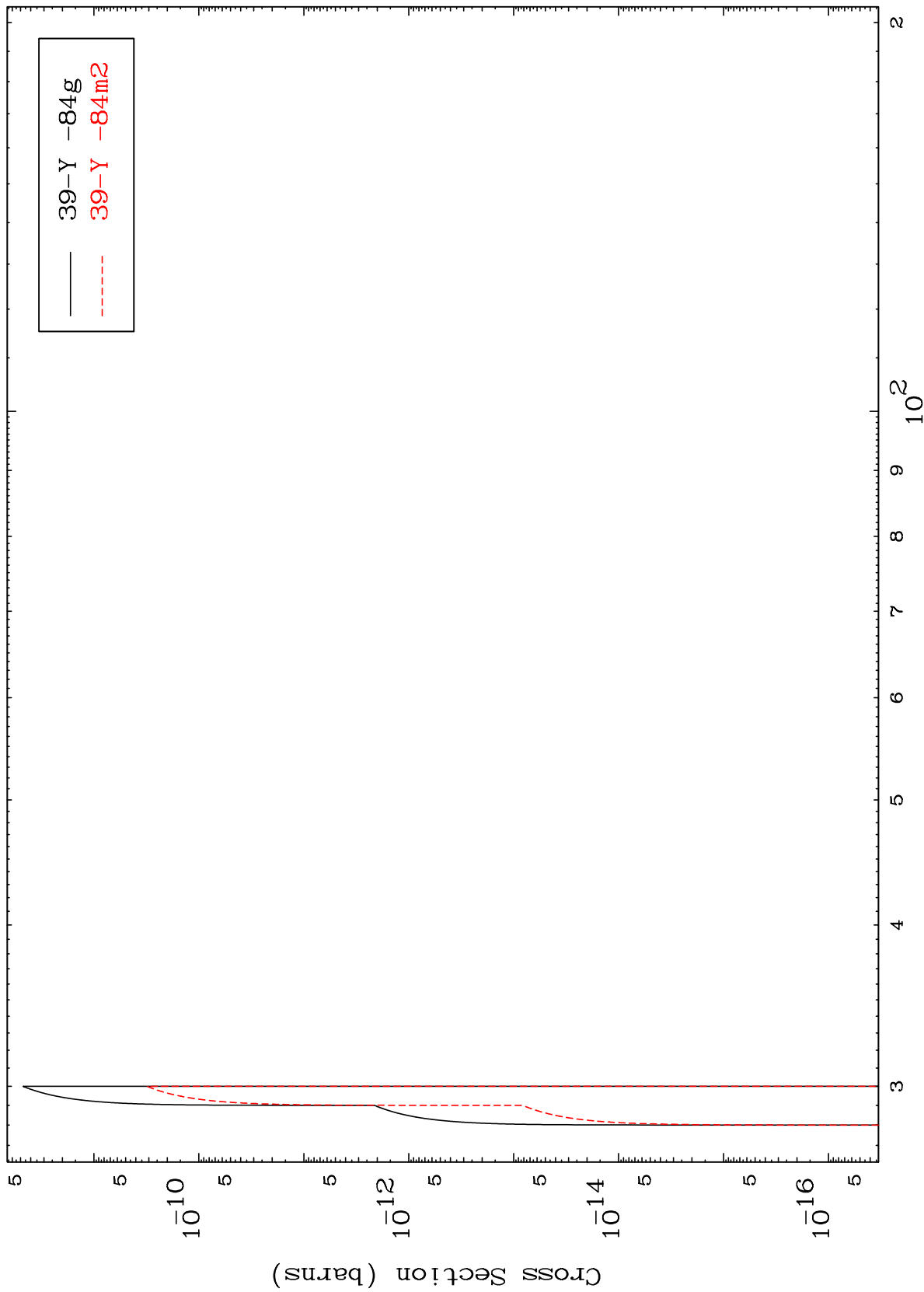


MAT 4016

(n,2n) d

40-Zr-87

Radionuclide Production Cross Section



124

Incident Energy (MeV)

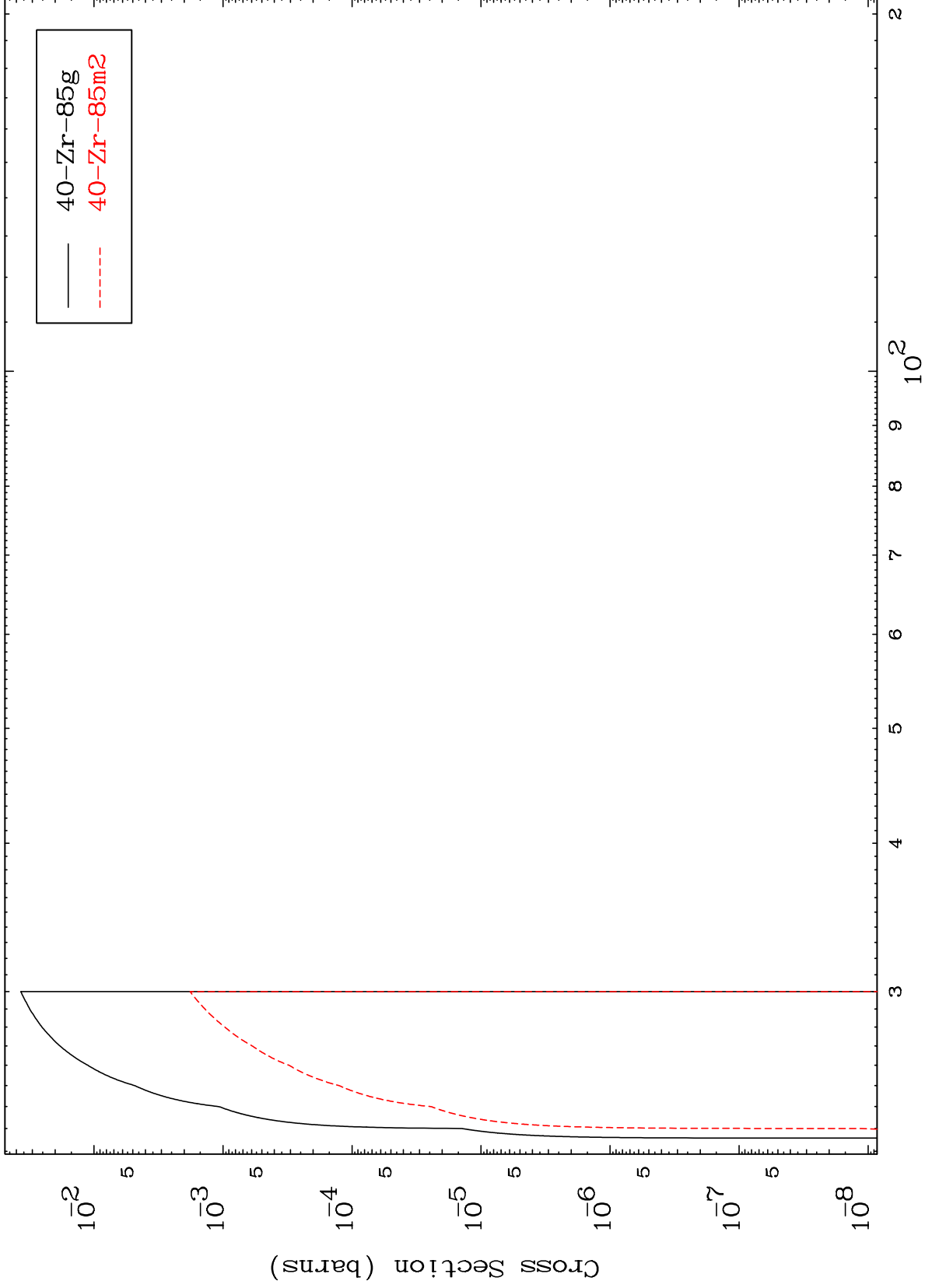
40-Zr-87

MAT 4016

(n,3n)

40-Zr-87

Radionuclide Production Cross Section



125

Incident Energy (MeV)

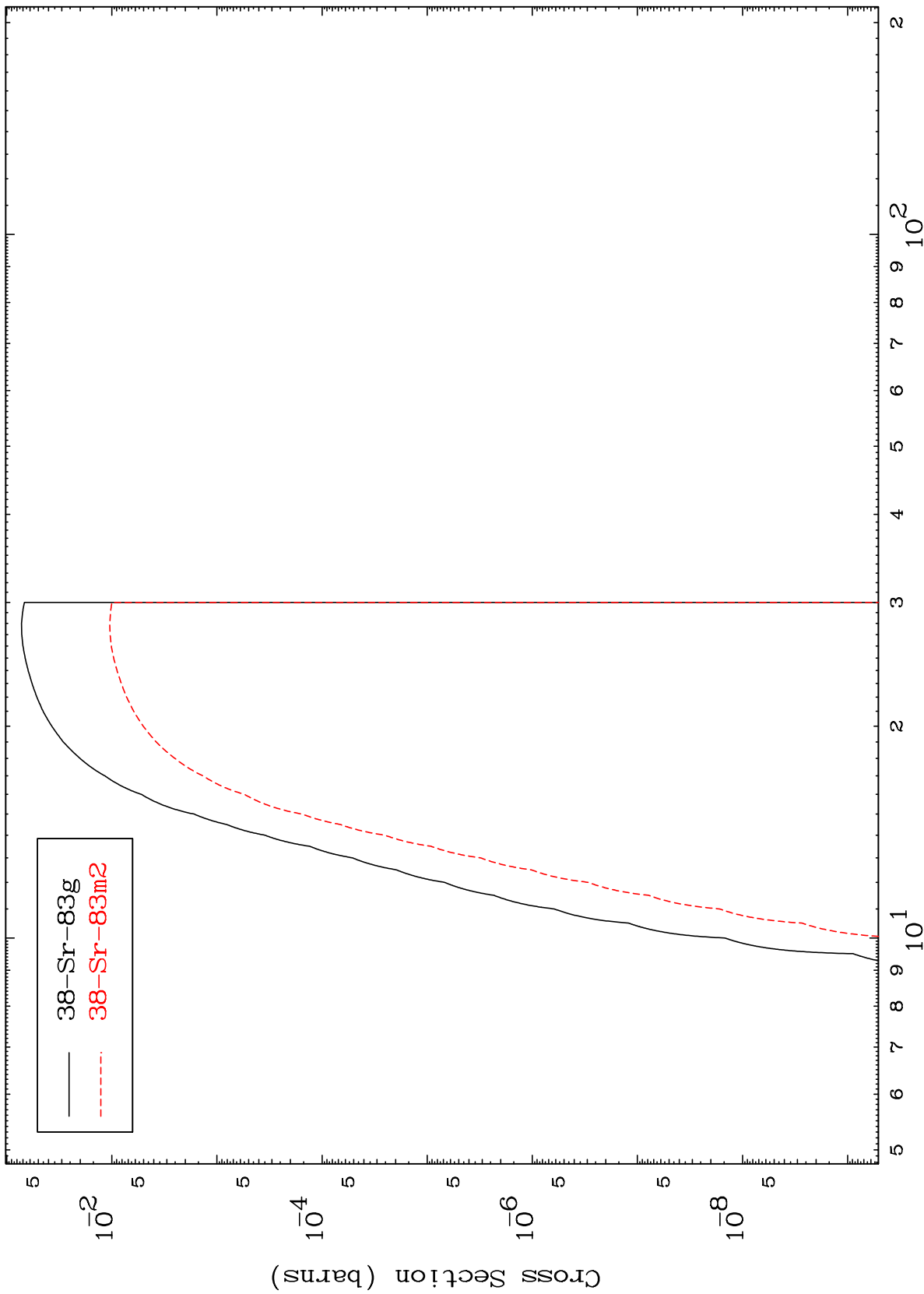
40-Zr-87

MAT 4016

(n,n') α

40-Zr-87

Radionuclide Production Cross Section



— 38-Sr-83g
- - - 38-Sr-83m2

126

Incident Energy (MeV)

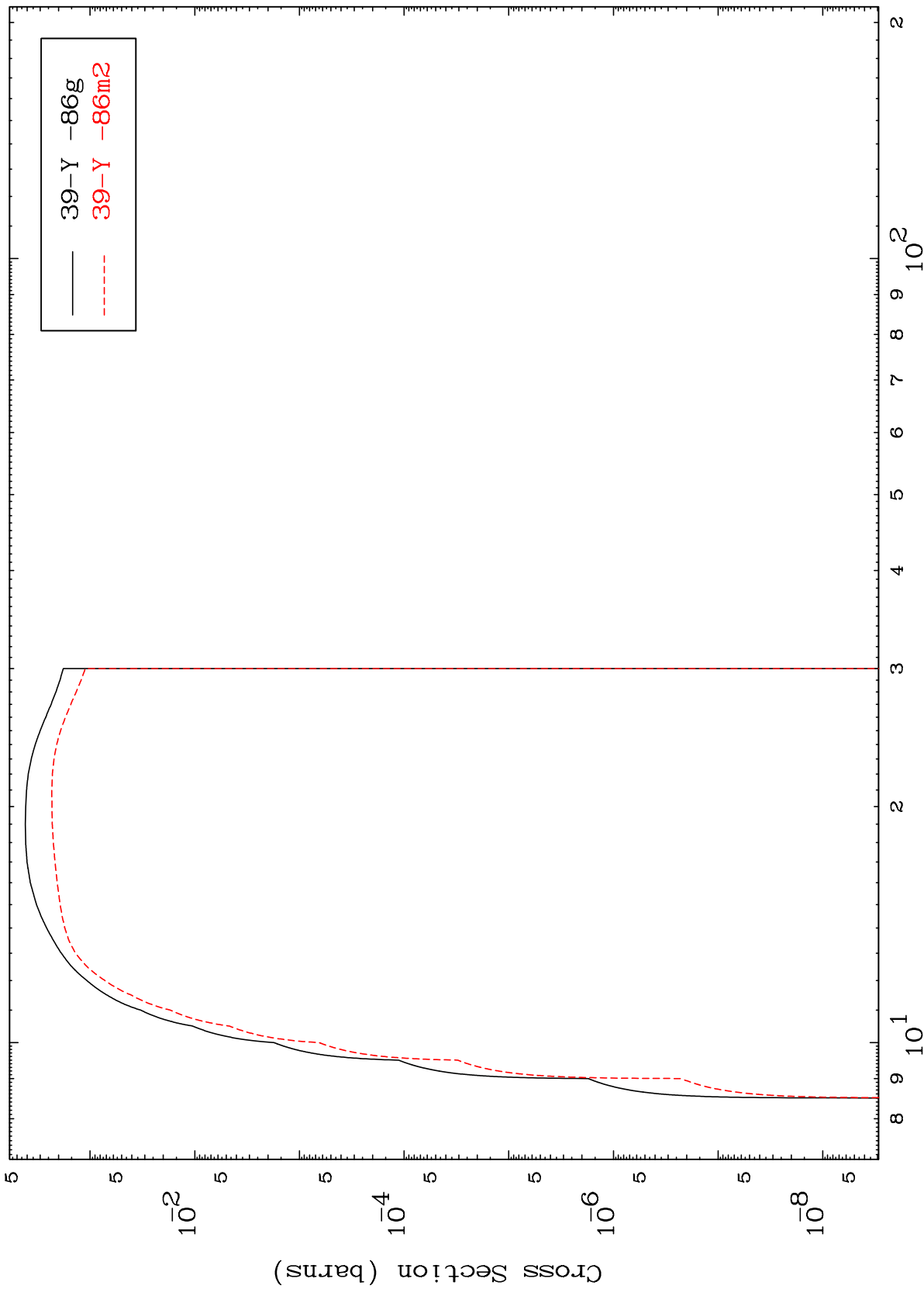
40-Zr-87

MAT 4016

(n,n') p

40-Zr-87

Radionuclide Production Cross Section



127

Incident Energy (MeV)

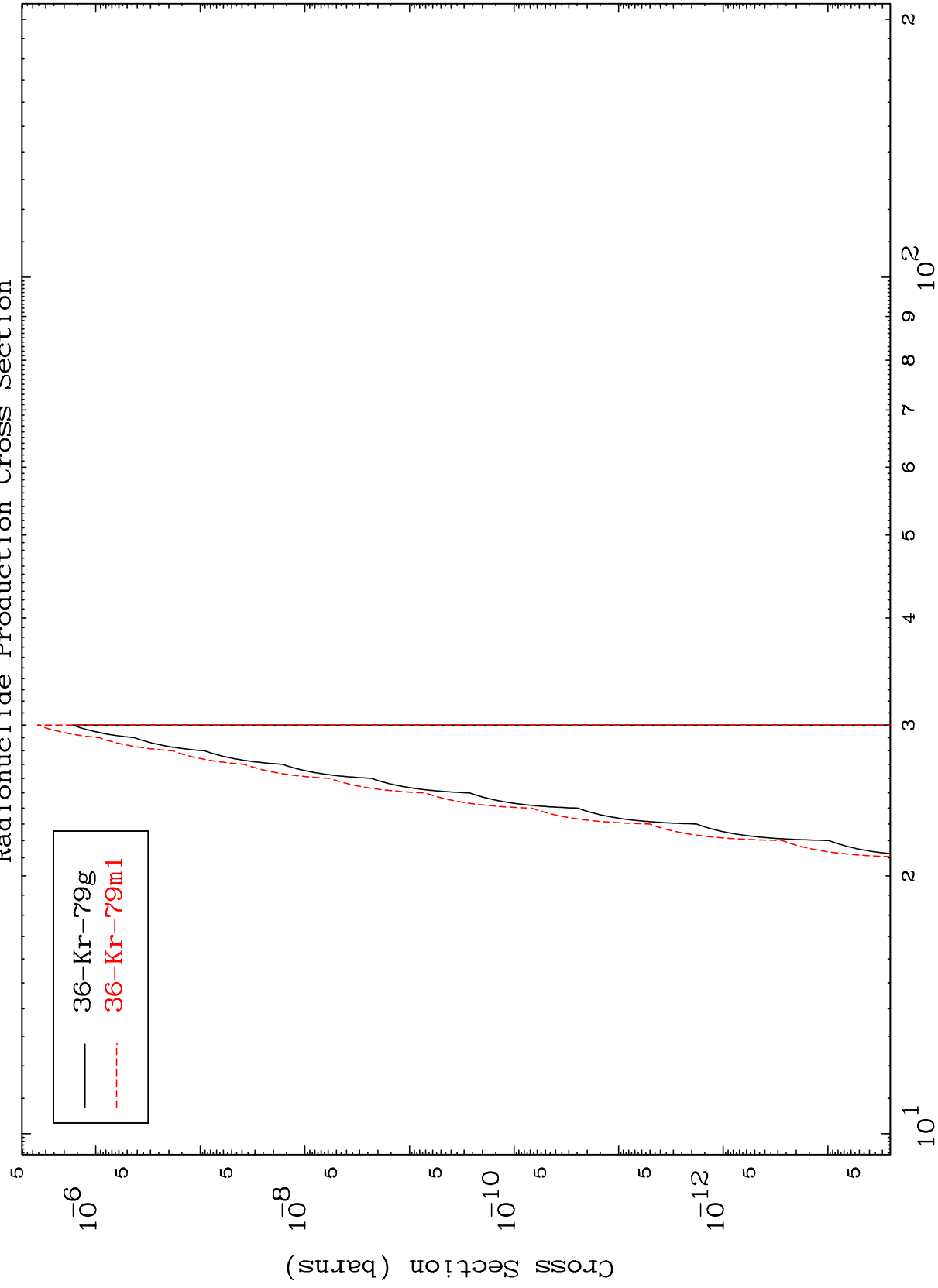
40-Zr-87

MAT 4016

(n,n') 2α

40-Zr-87

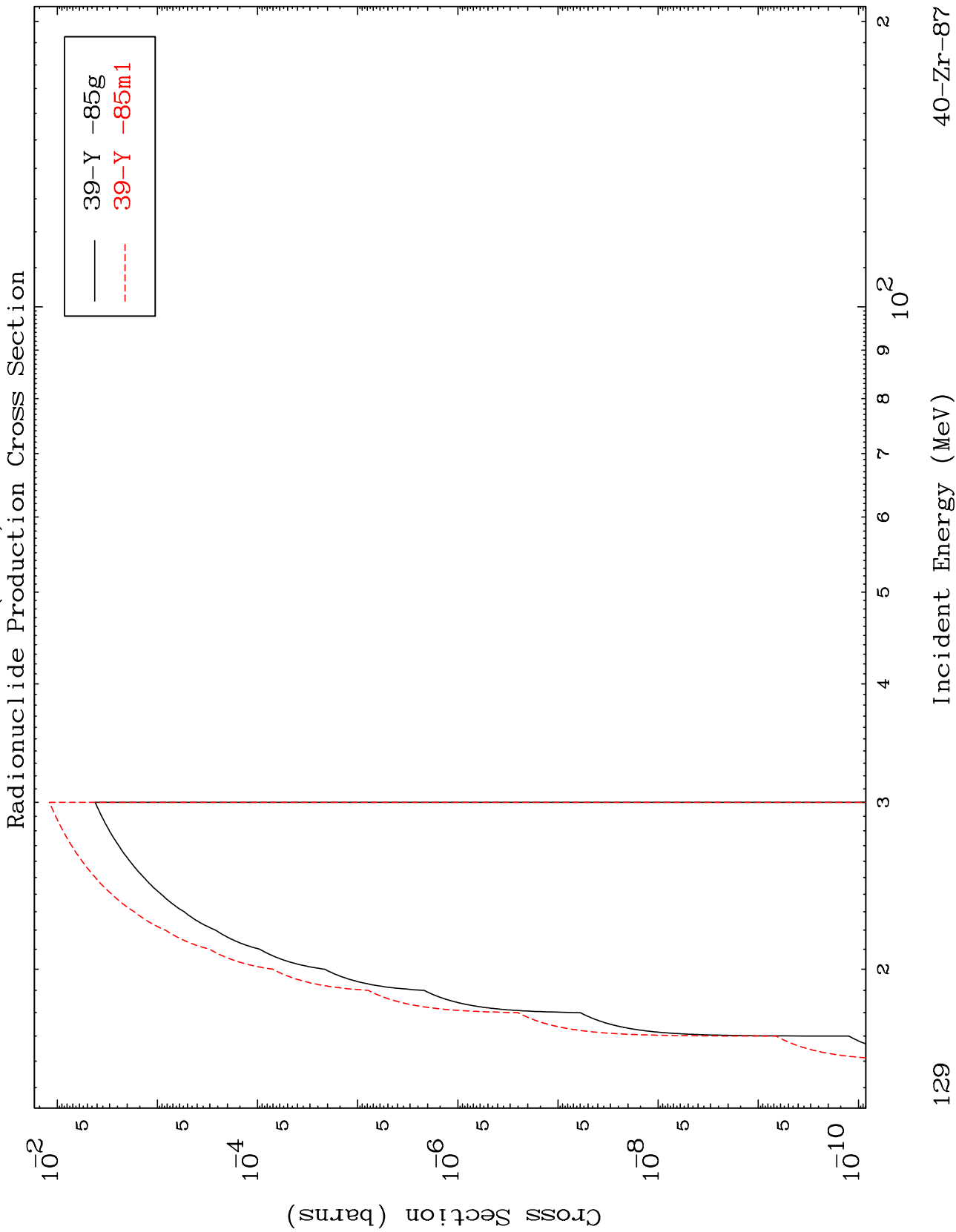
Radionuclide Production Cross Section



Incident Energy (MeV)

40-Zr-87

128

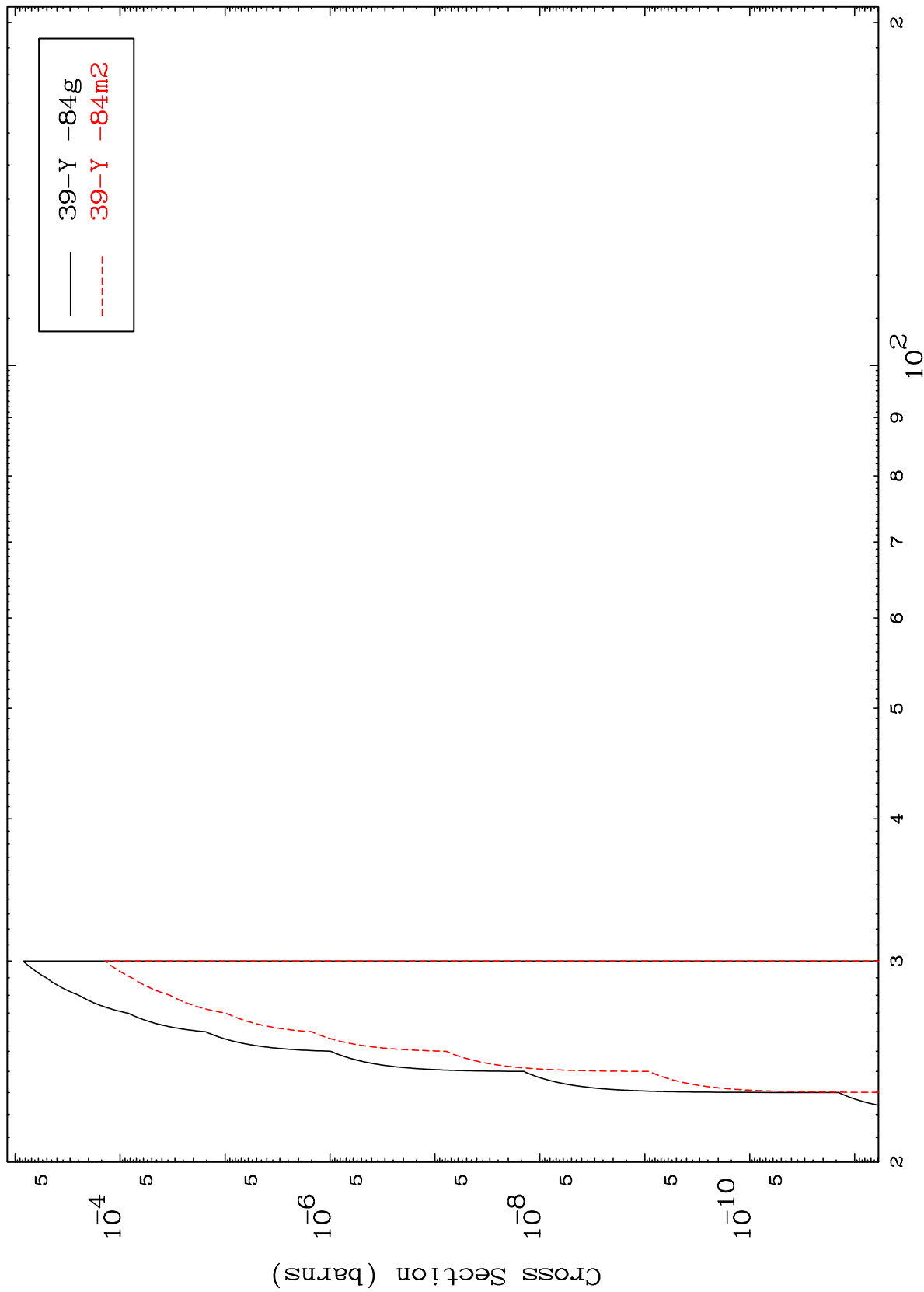


MAT 4016

(n,n') t

40-Zr-87

Radionuclide Production Cross Section



— 39-Y -84g
- - - 39-Y -84m2

130

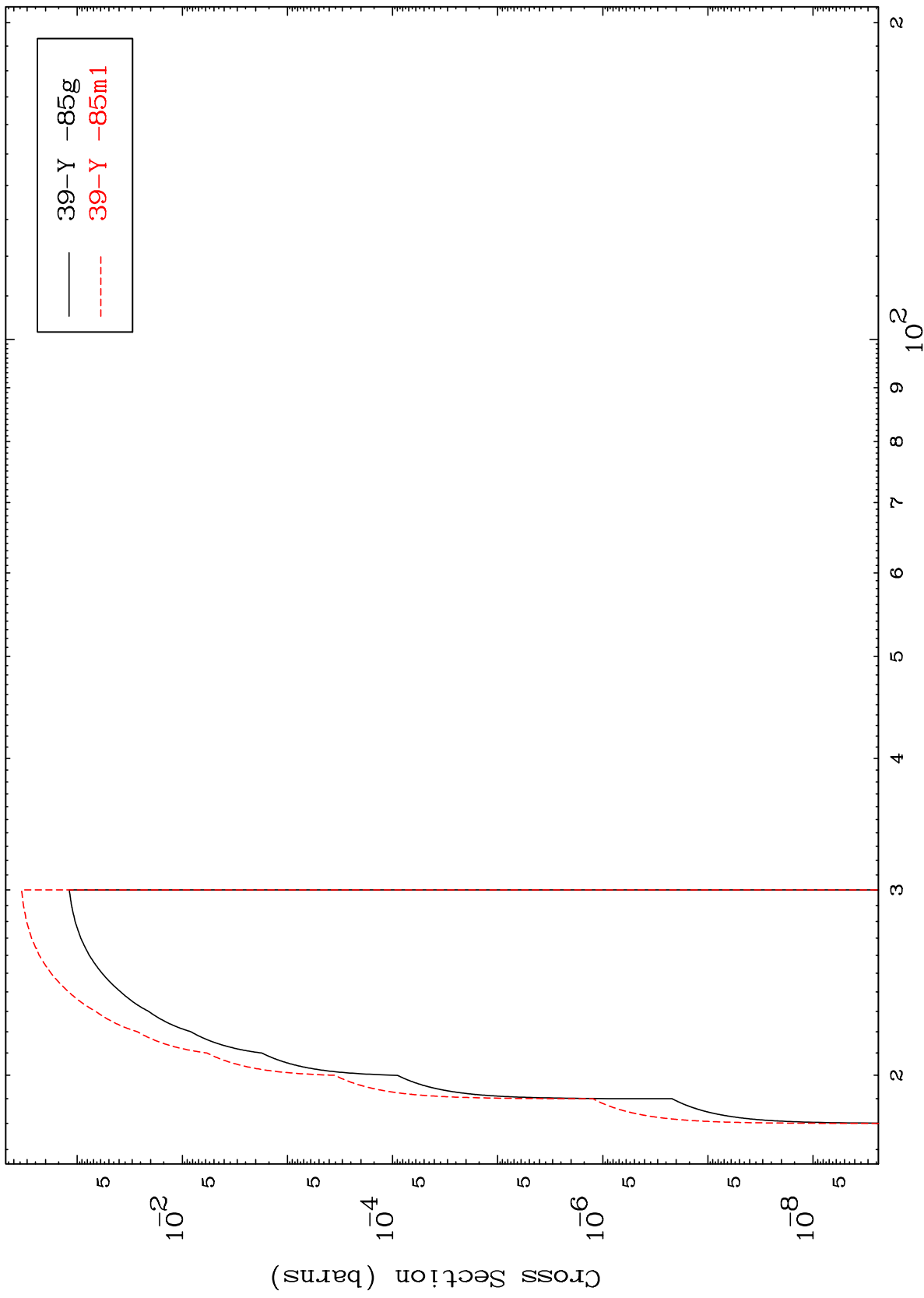
Incident Energy (MeV)

40-Zr-87

MAT 4016

40-Zr-87

(n,2n) p
Radionuclide Production Cross Section



131

Incident Energy (MeV)

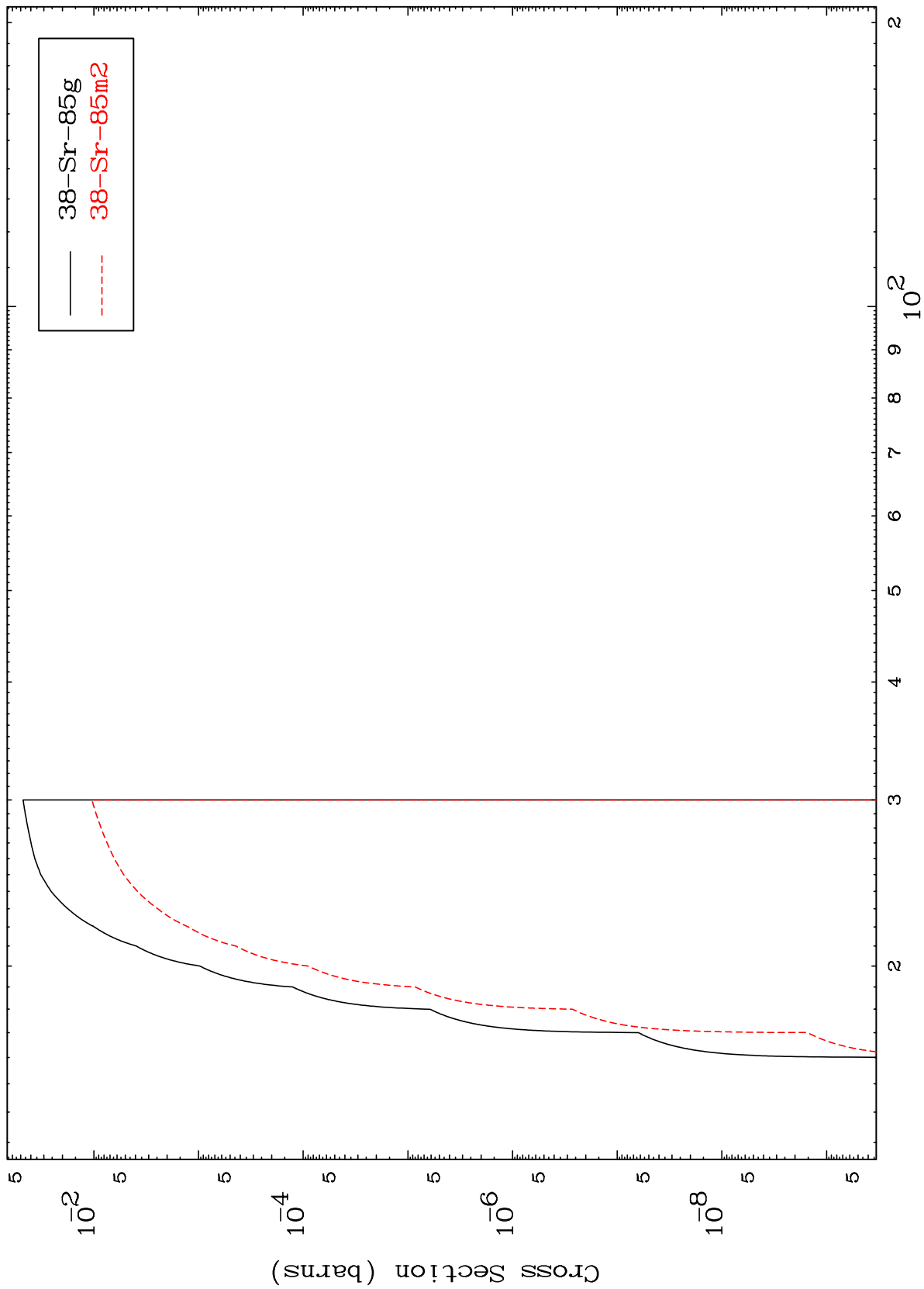
40-Zr-87

MAT 4016

(n,2n) p

40-Zr-87

Radionuclide Production Cross Section



132

Incident Energy (MeV)

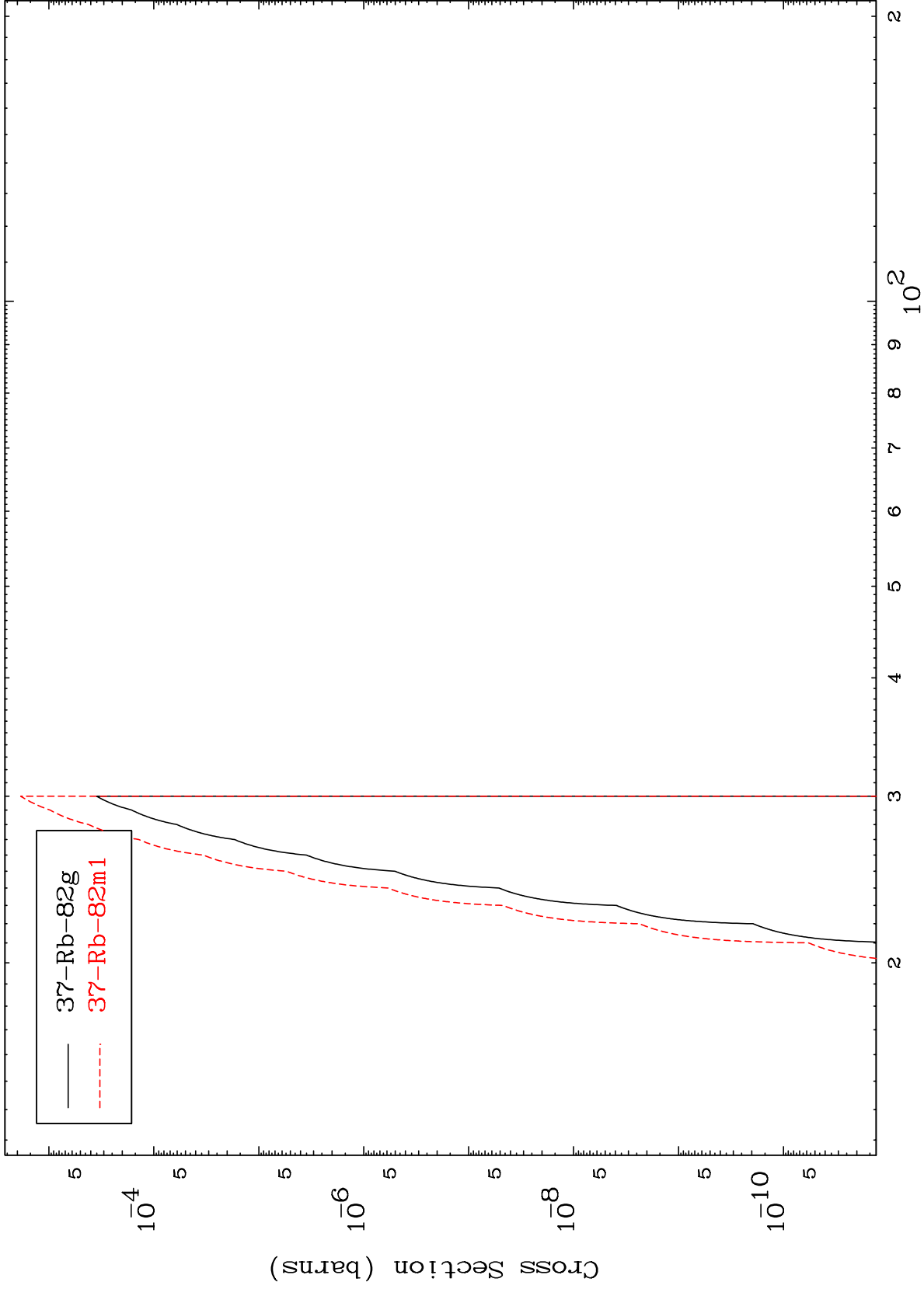
40-Zr-87

MAT 4016

(n,n') p α

40-Zr-87

Radionuclide Production Cross Section



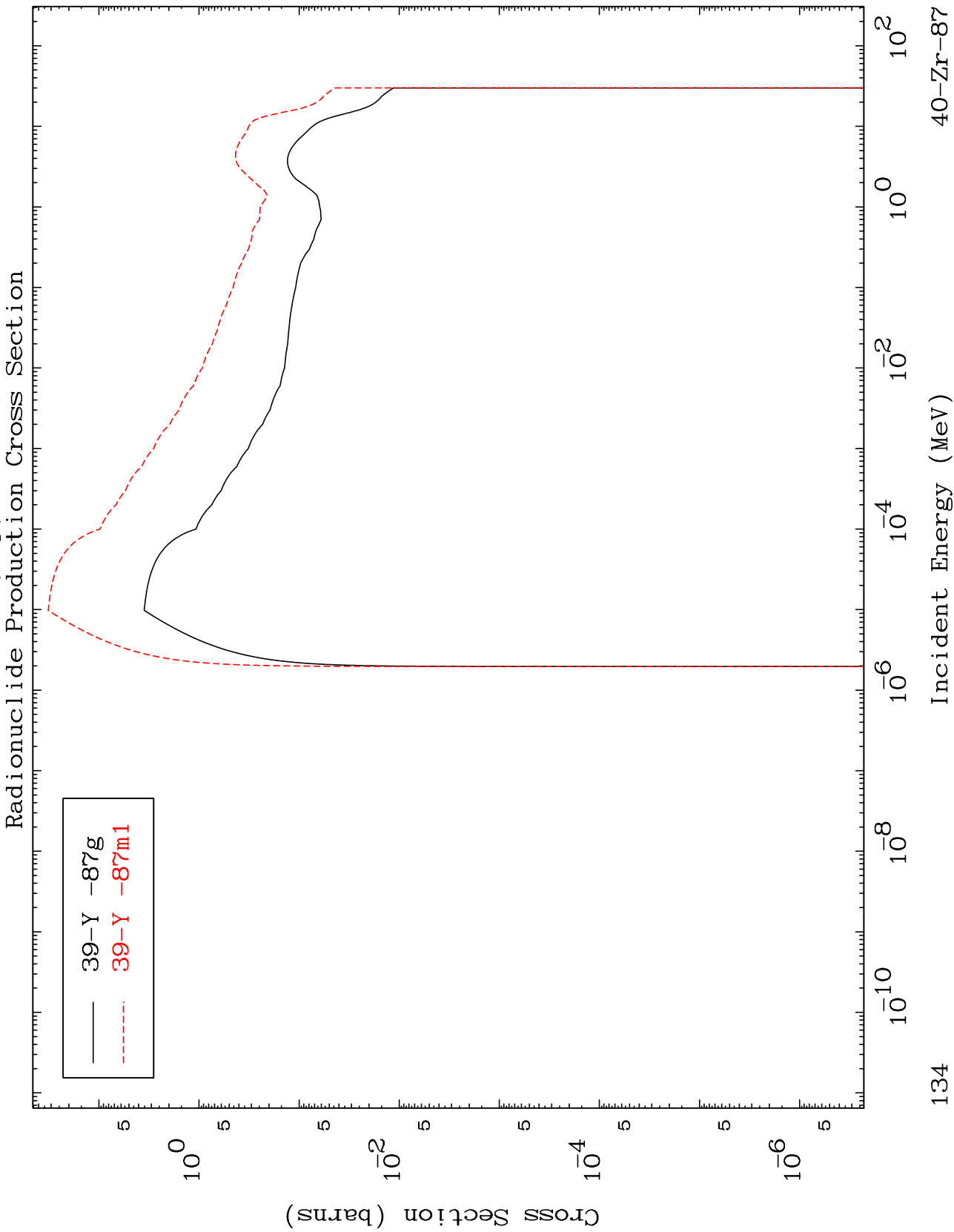
133

Incident Energy (MeV)

40-Zr-87

MAT 4016

40-Zr-87

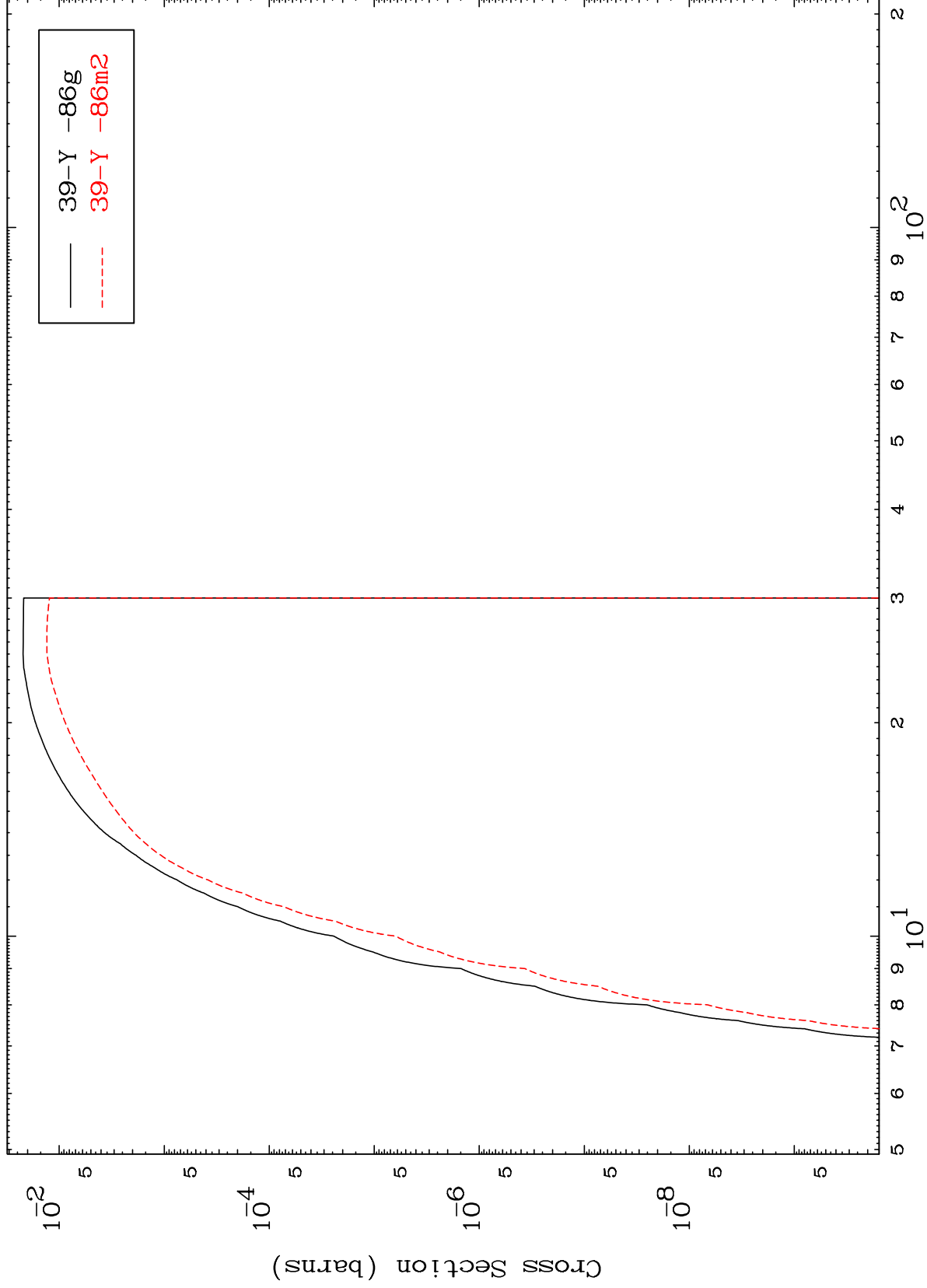


MAT 4016

(n,d)

40-Zr-87

Radionuclide Production Cross Section



135

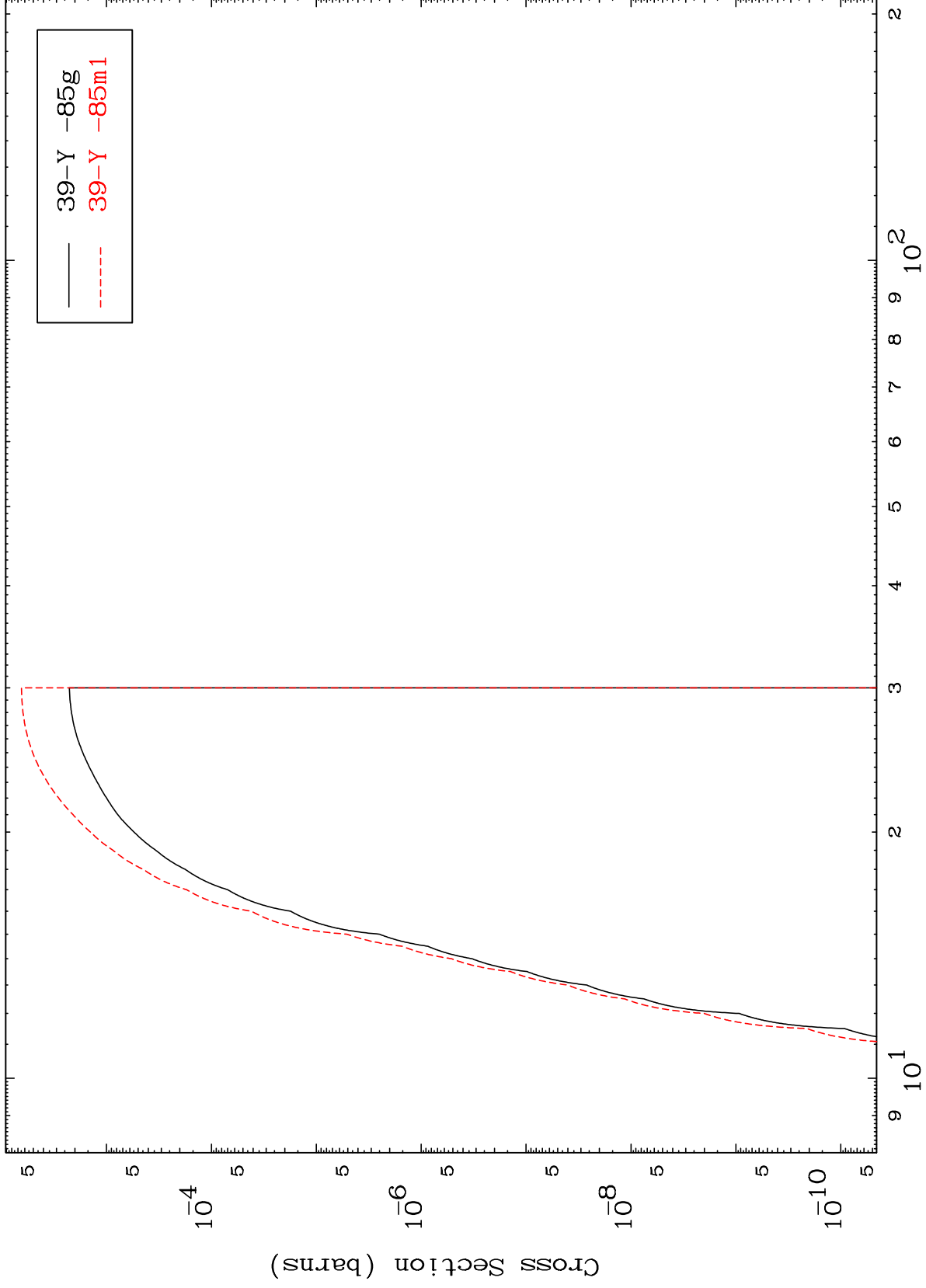
Incident Energy (MeV)

40-Zr-87

MAT 4016

40-Zr-87

(n,t)
Radionuclide Production Cross Section



40-Zr-87

Incident Energy (MeV)

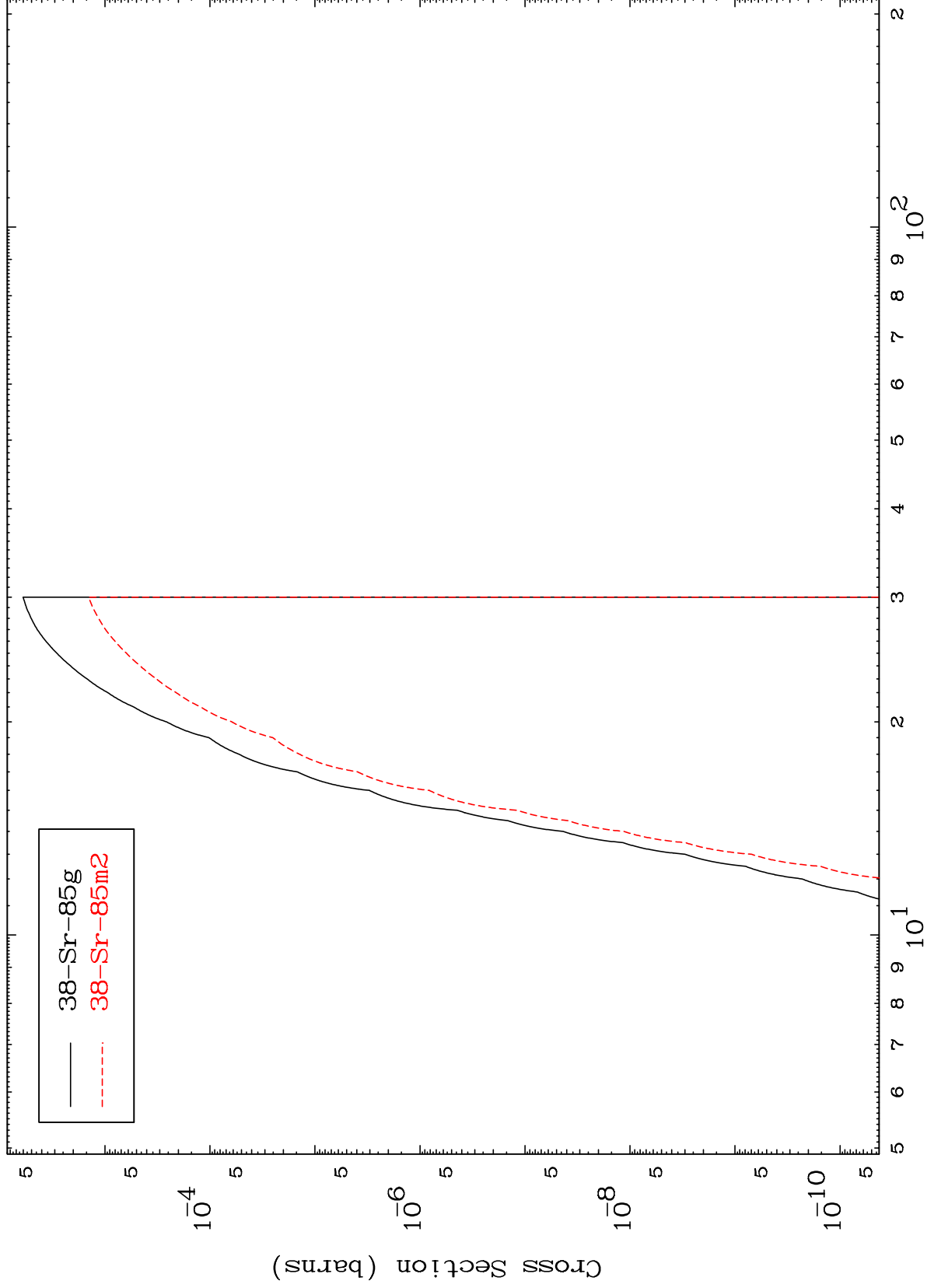
136

MAT 4016

(n,He-3)

40-Zr-87

Radionuclide Production Cross Section

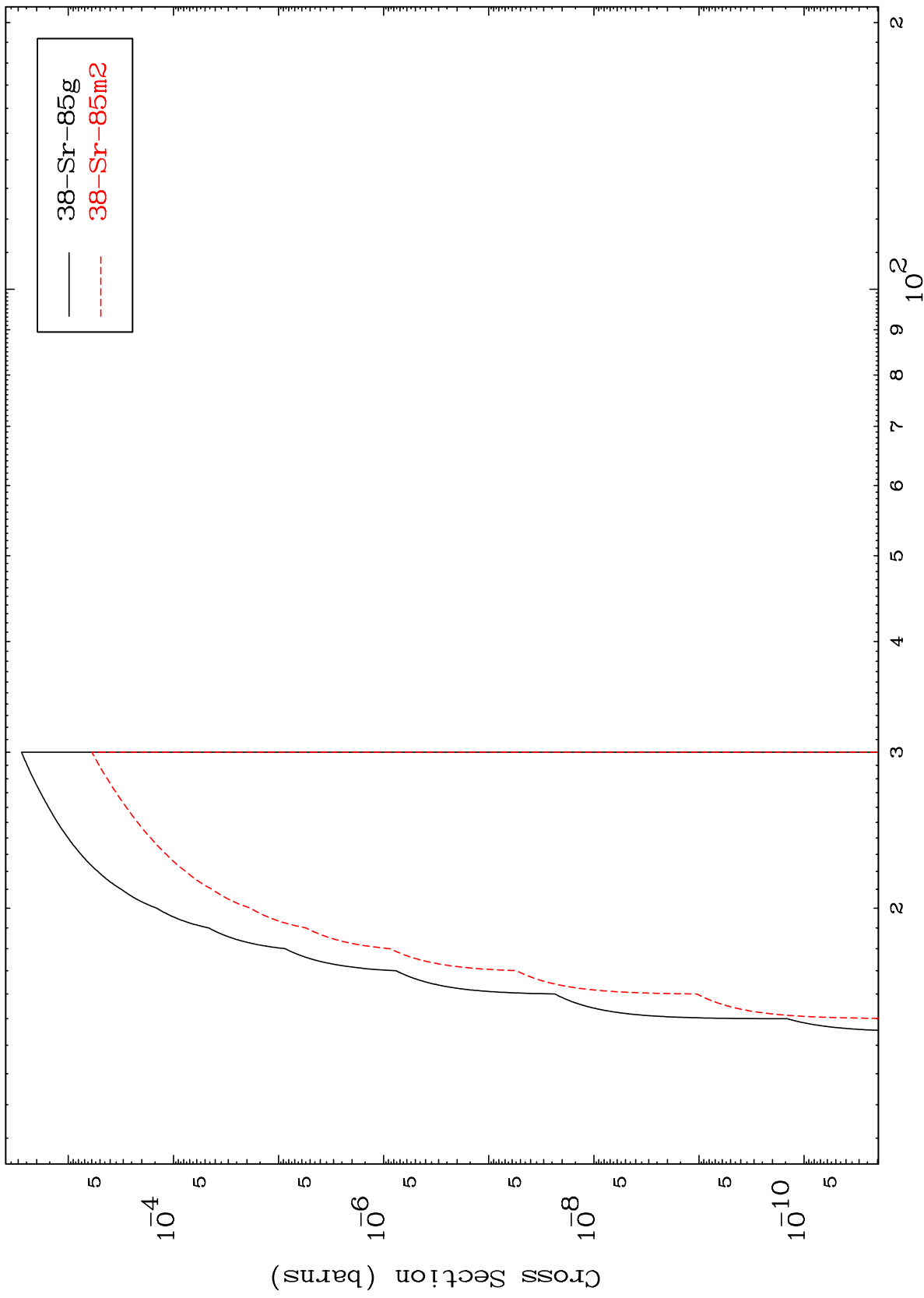


MAT 4016

(n,p) d

40-Zr-87

Radionuclide Production Cross Section



138

Incident Energy (MeV)

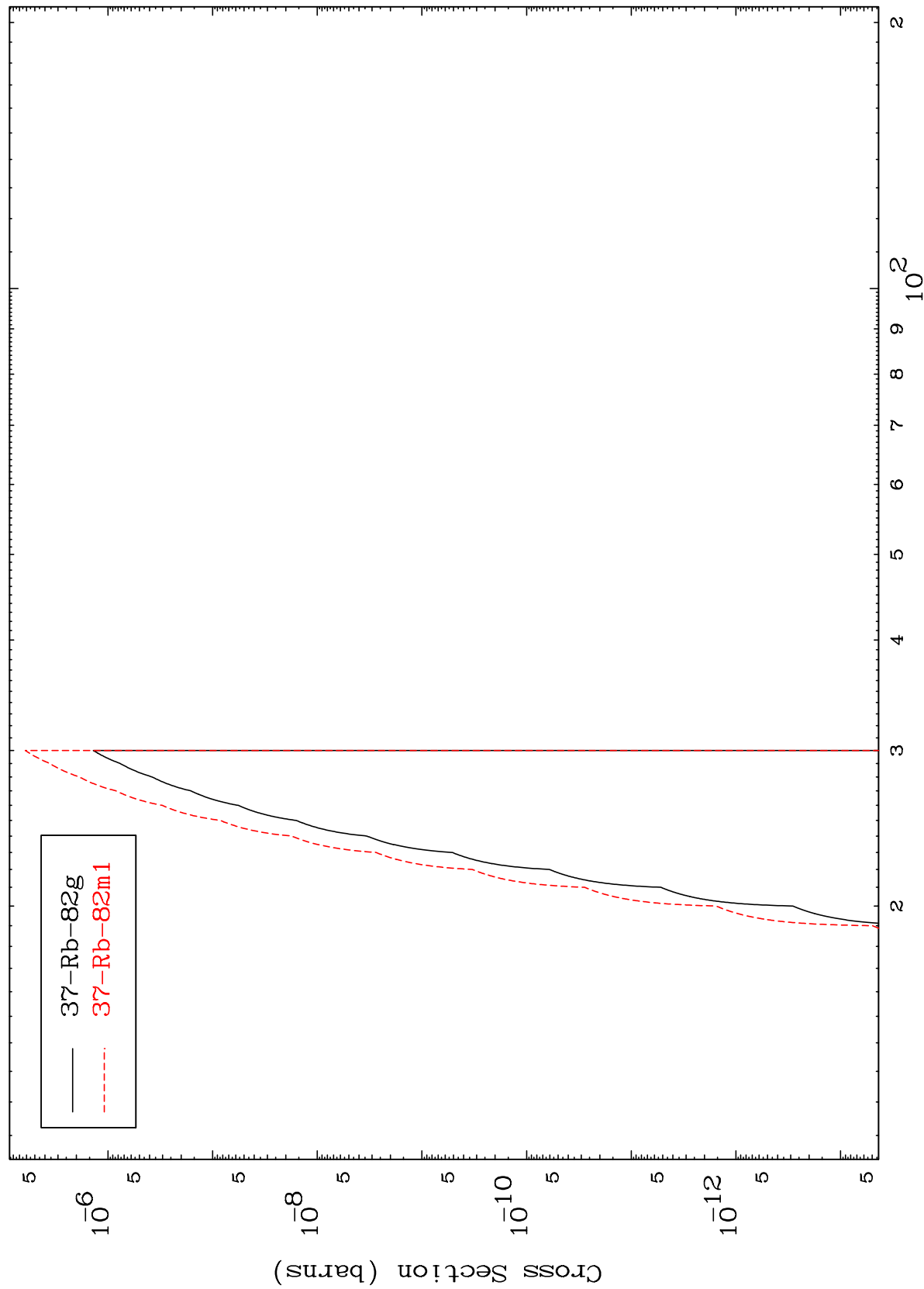
40-Zr-87

MAT 4016

40-Zr-87

(n,d) α

Radionuclide Production Cross Section



139

Incident Energy (MeV)

40-Zr-87