

Program EVALPLOT
(Version 2021-1)

by

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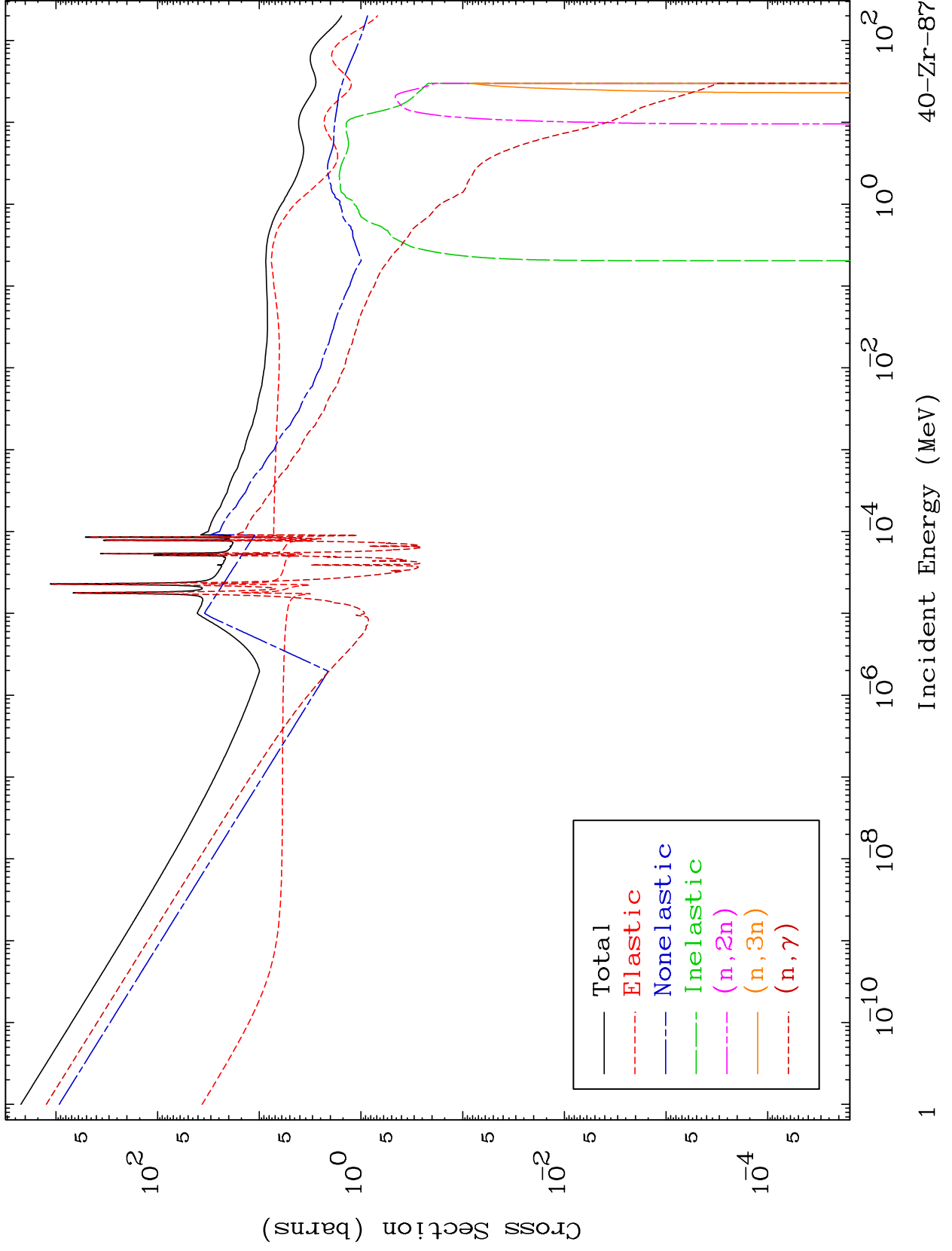
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Press Mouse Button to Start

MAT 4016

Neutron Major
293 Kelvin Cross Sections

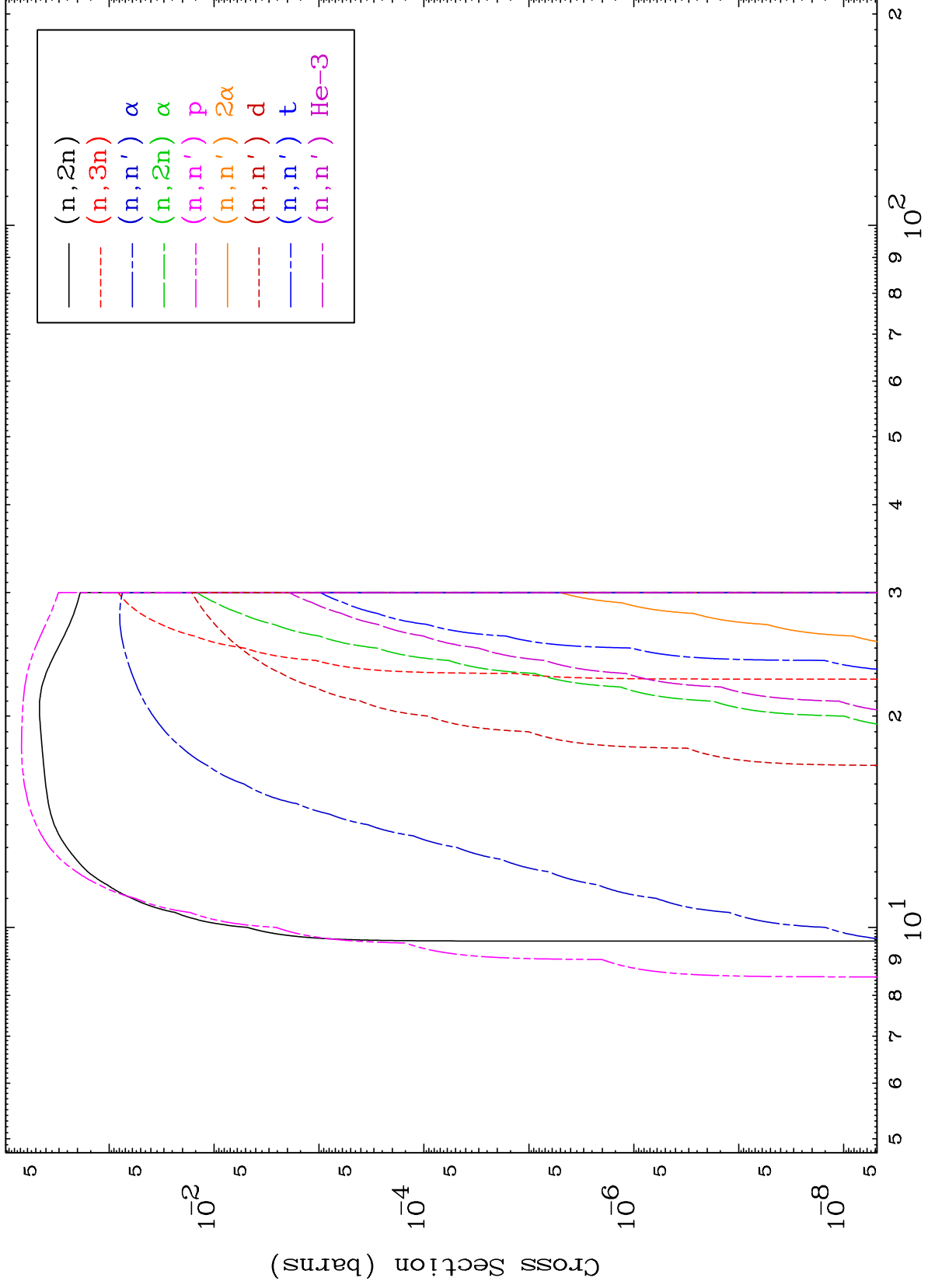
40-Zr-87



MAT 4016

Neutron Absorption
293 Kelvin Cross Sections

40-Zr-87



2

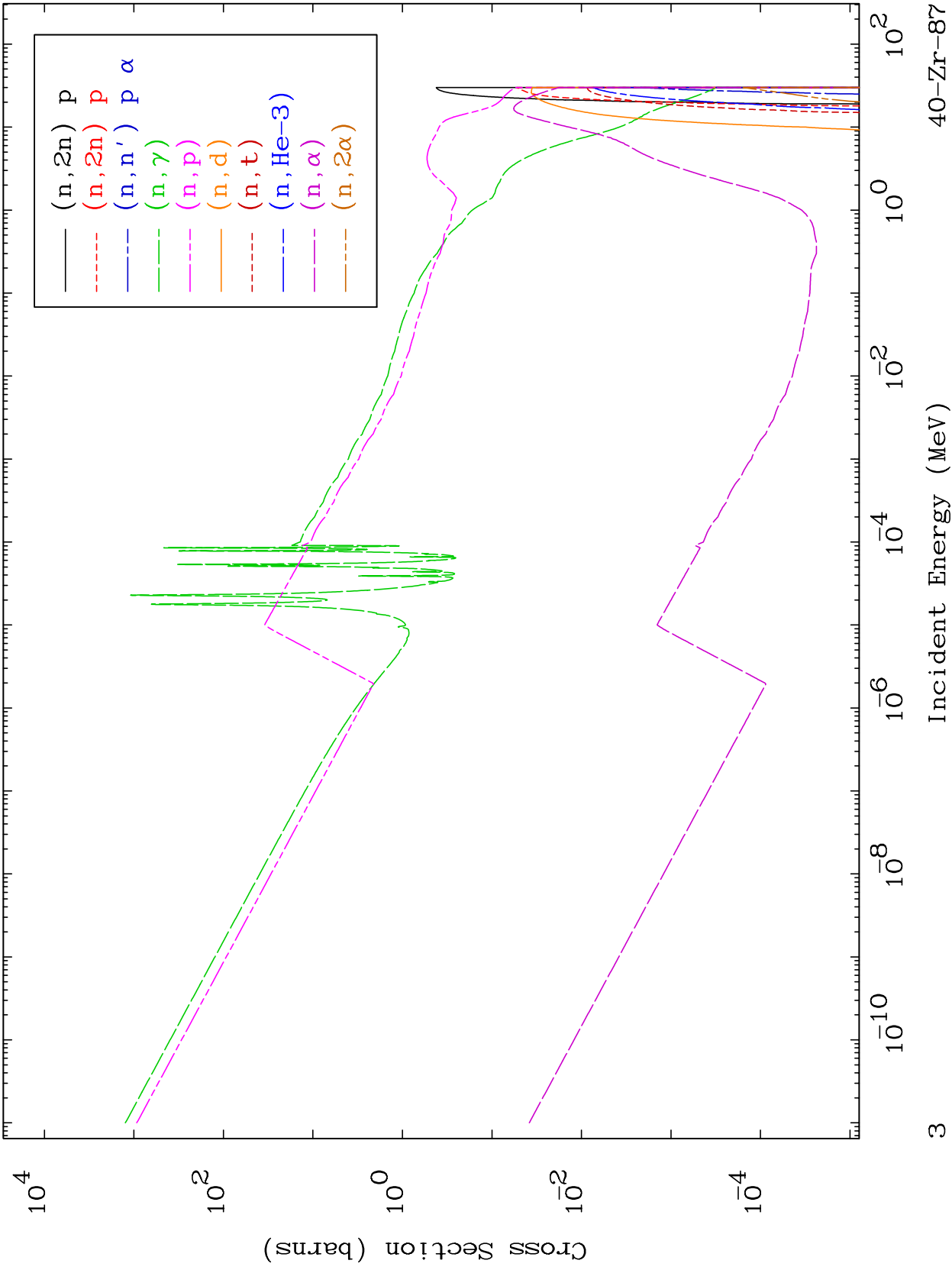
Incident Energy (MeV)

40-Zr-87

MAT 4016

Neutron Absorption
293 Kelvin Cross Sections

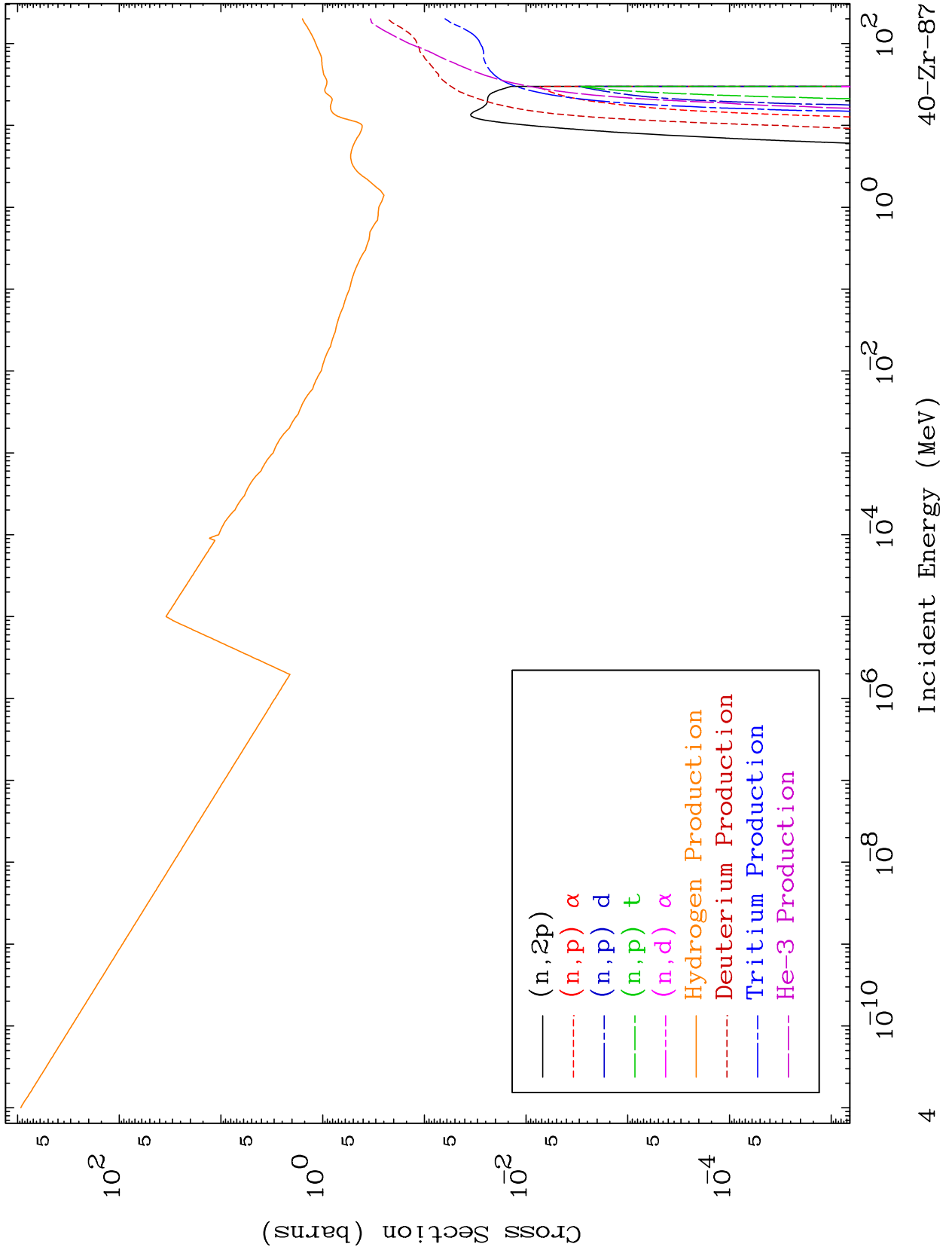
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MAT 4016

Neutron Absorption
293 Kelvin Cross Sections

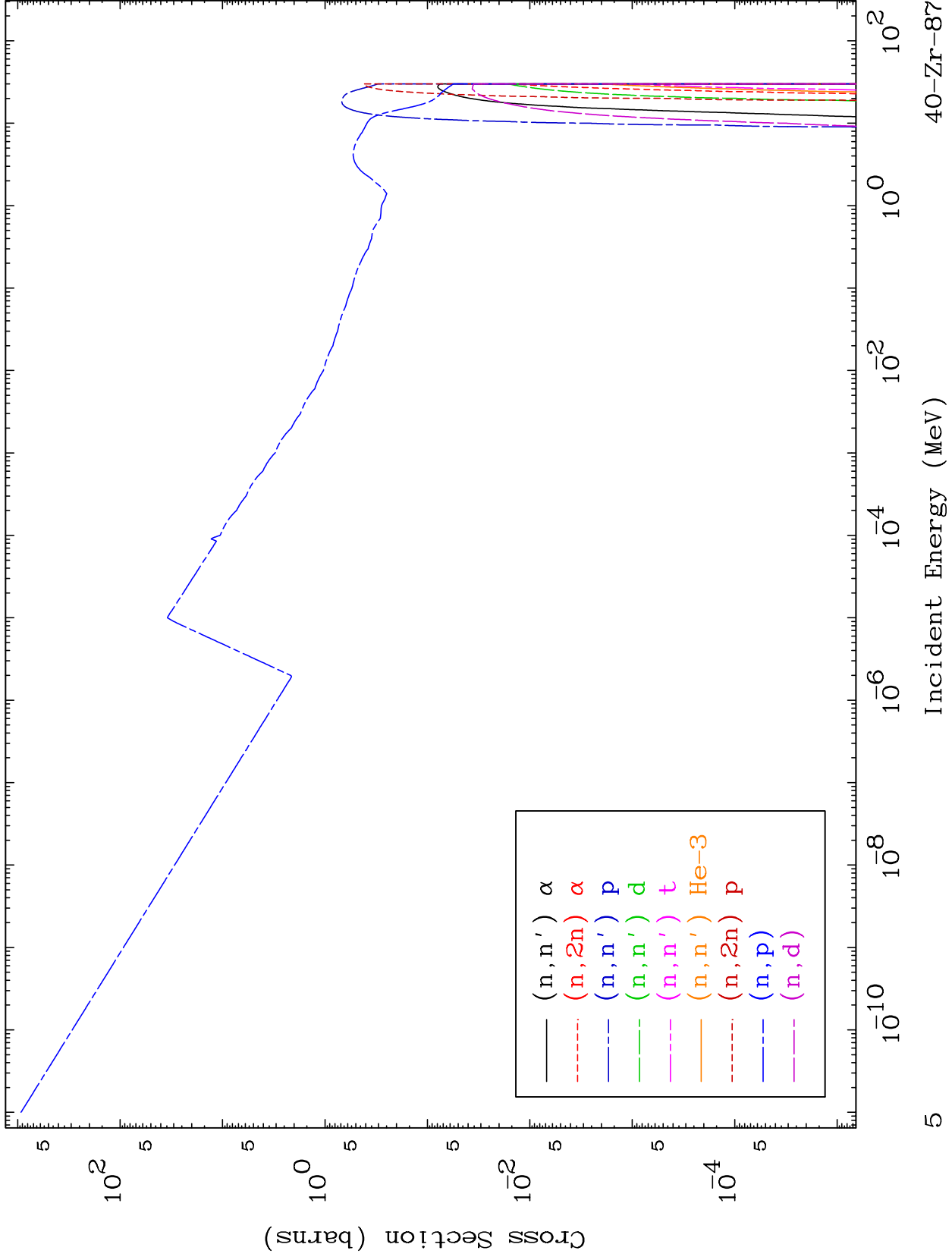
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MAT 4016

Charged Particle
293 Kelvin Cross Sections

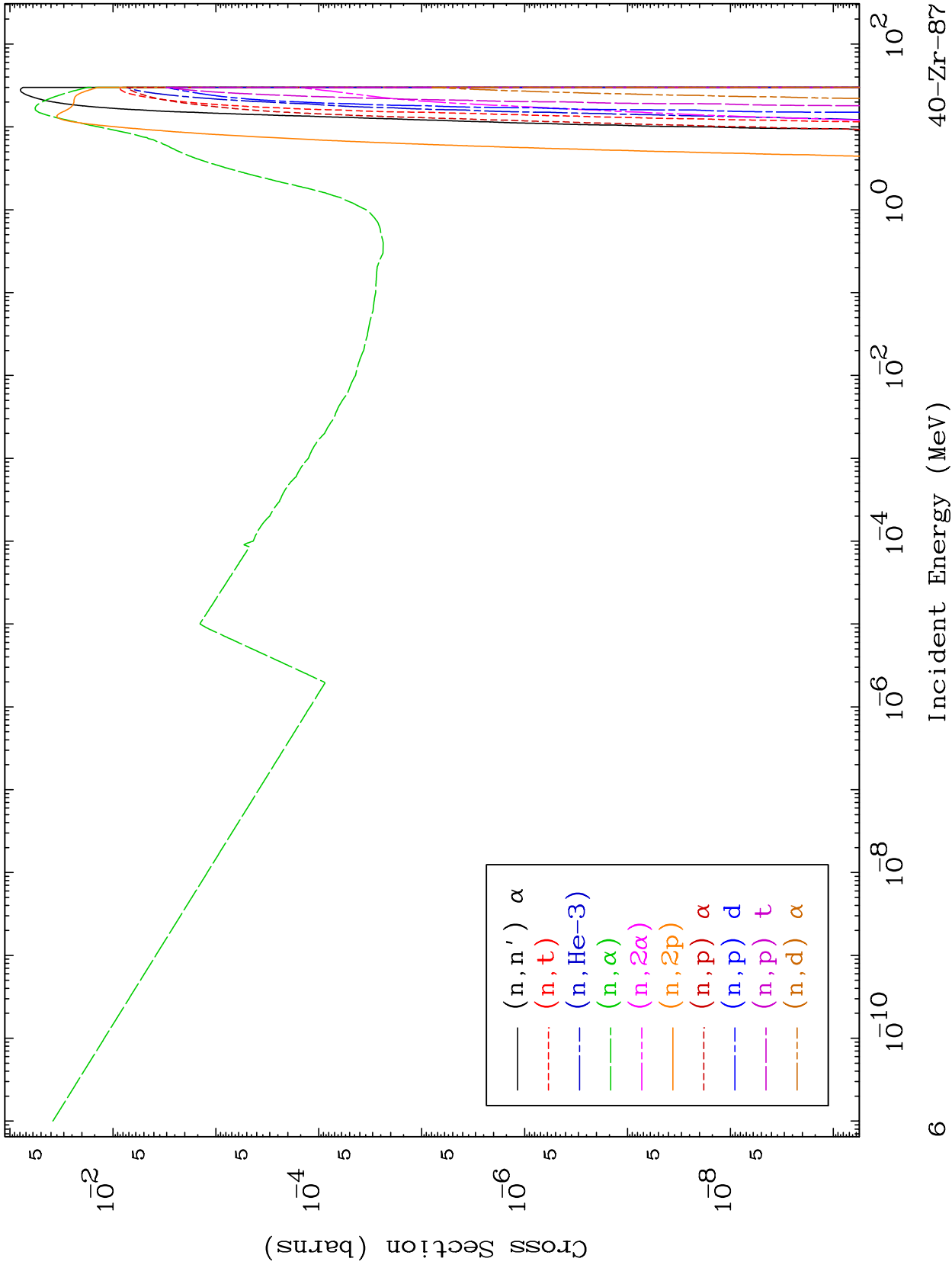
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MAT 4016

Charged Particle
293 Kelvin Cross Sections

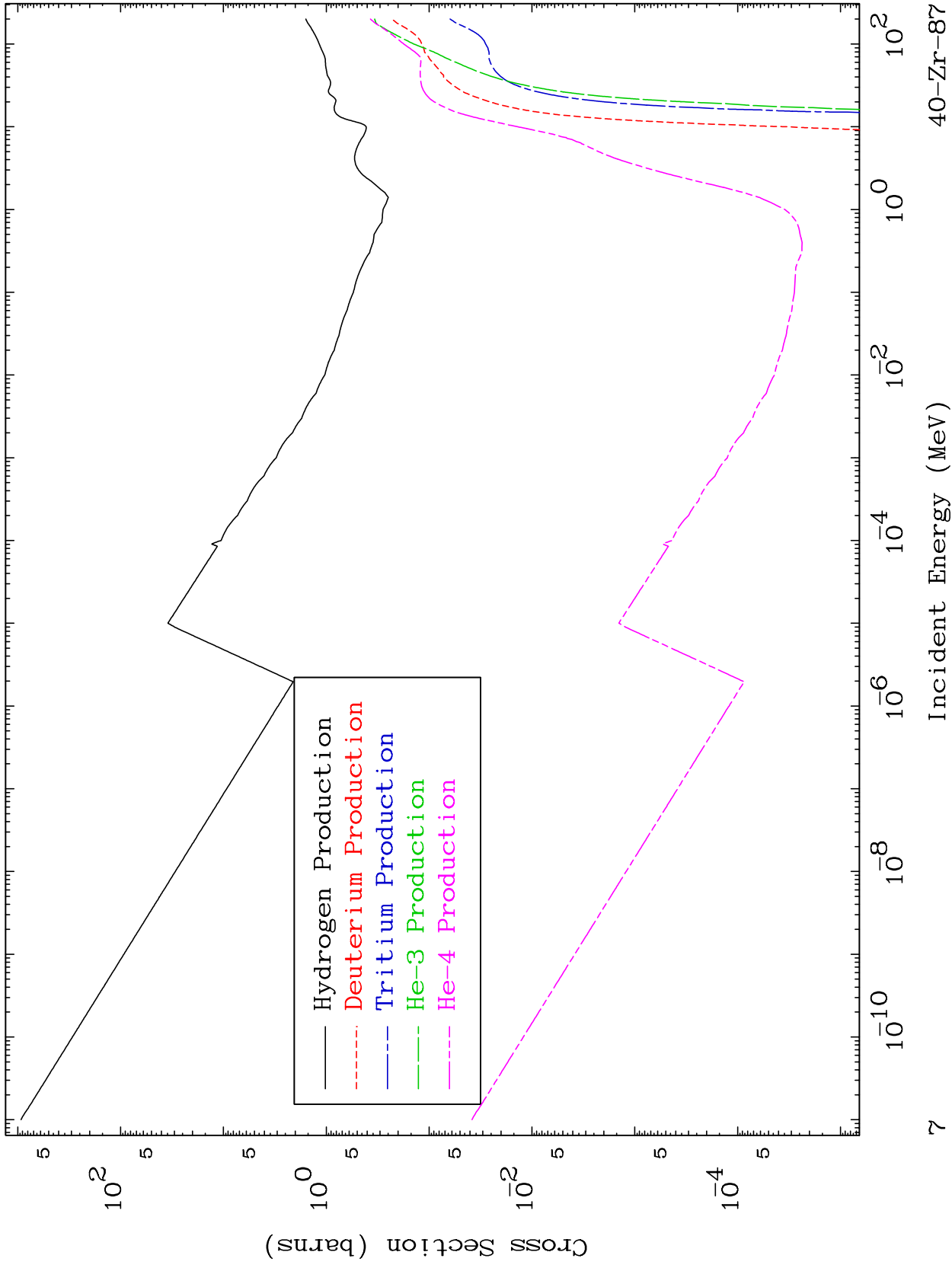
40-Zr-87



MAT 4016

Particle Production
293 Kelvin Cross Sections

40-Zr-87

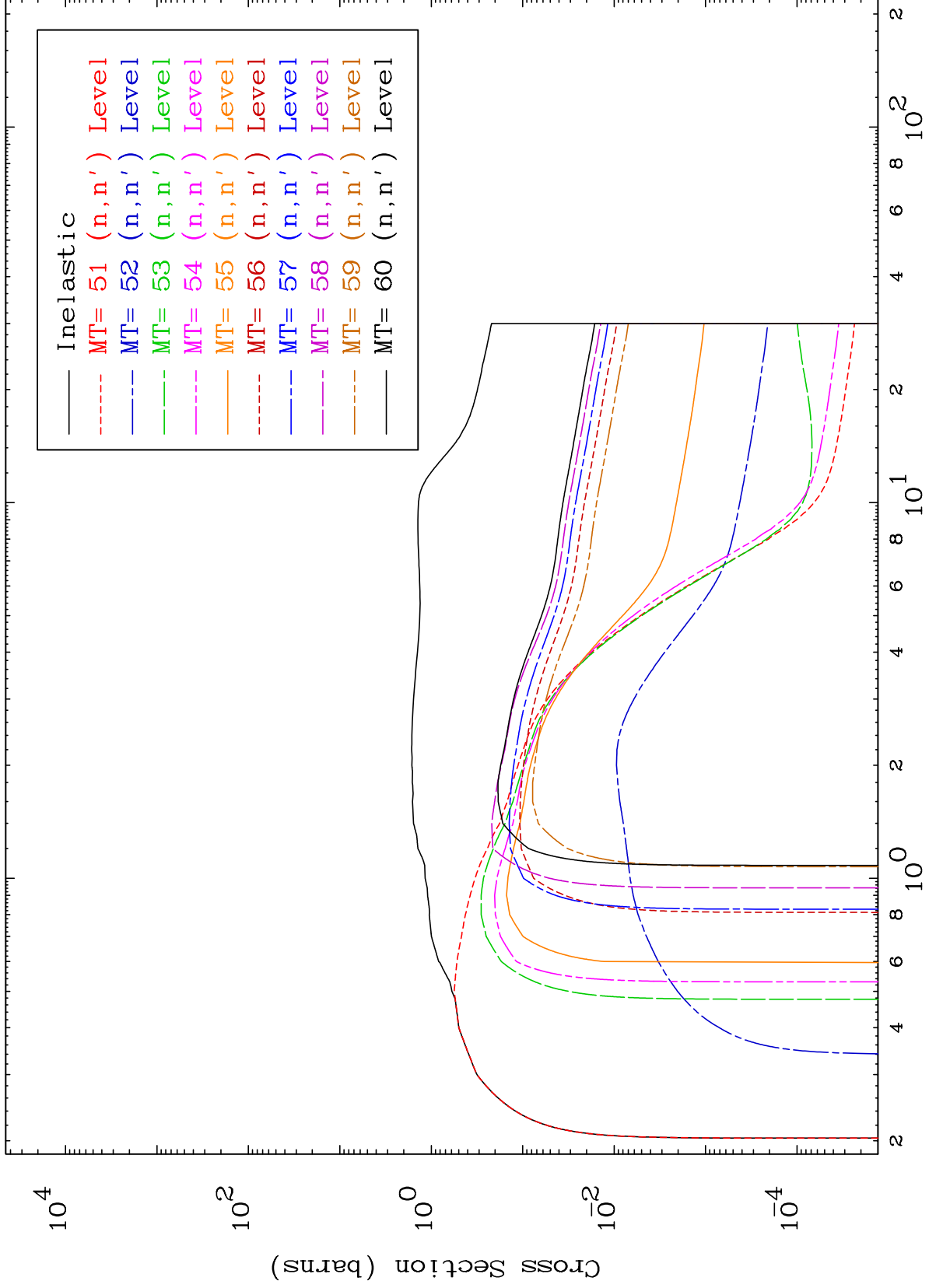


MAT 4016

(n,n') Levels

40-Zr-87

293 Kelvin Cross Sections



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Incident Energy (MeV)

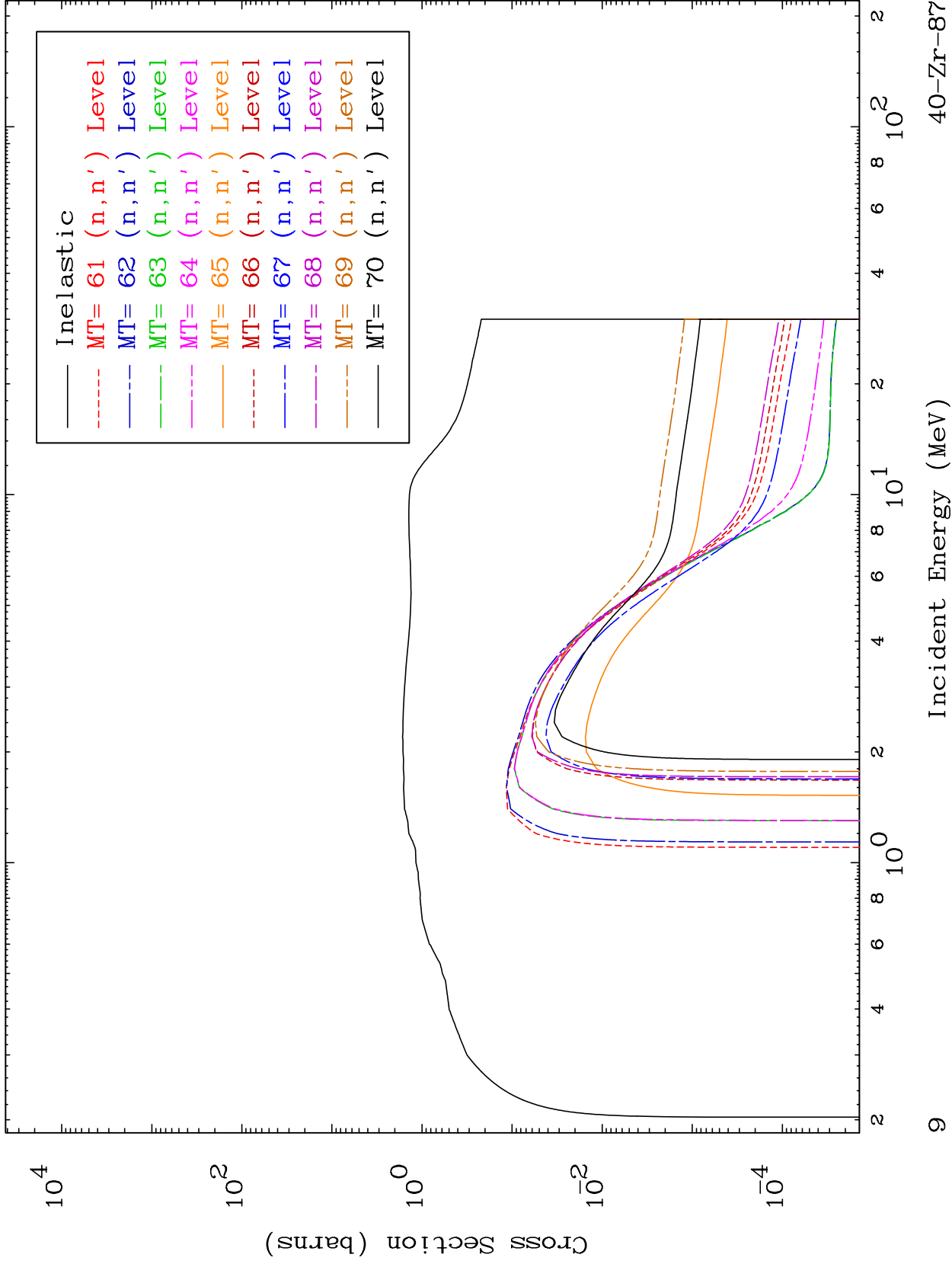
40-Zr-87

MAT 4016

(n,n') Levels

40-Zr-87

293 Kelvin Cross Sections

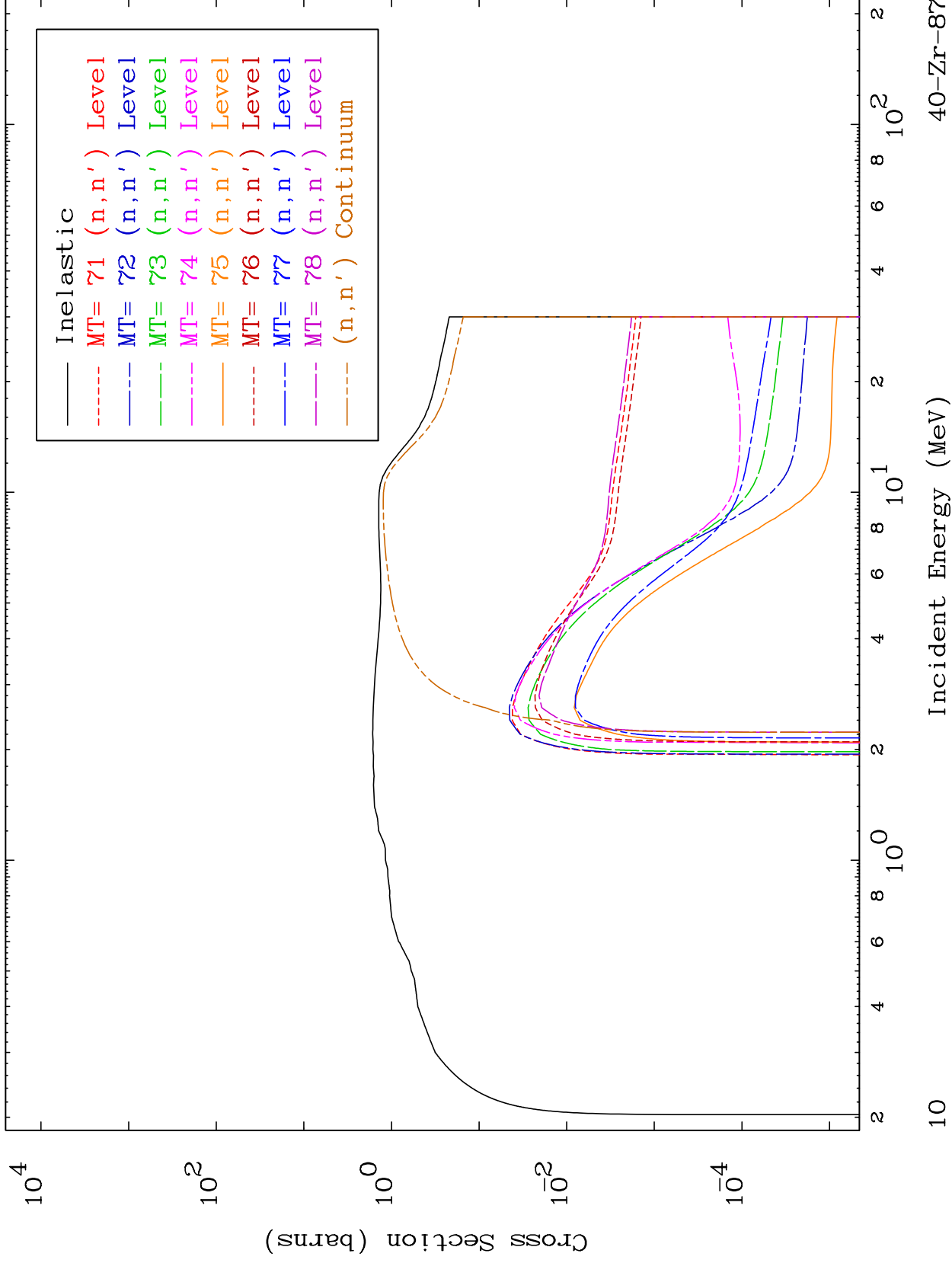


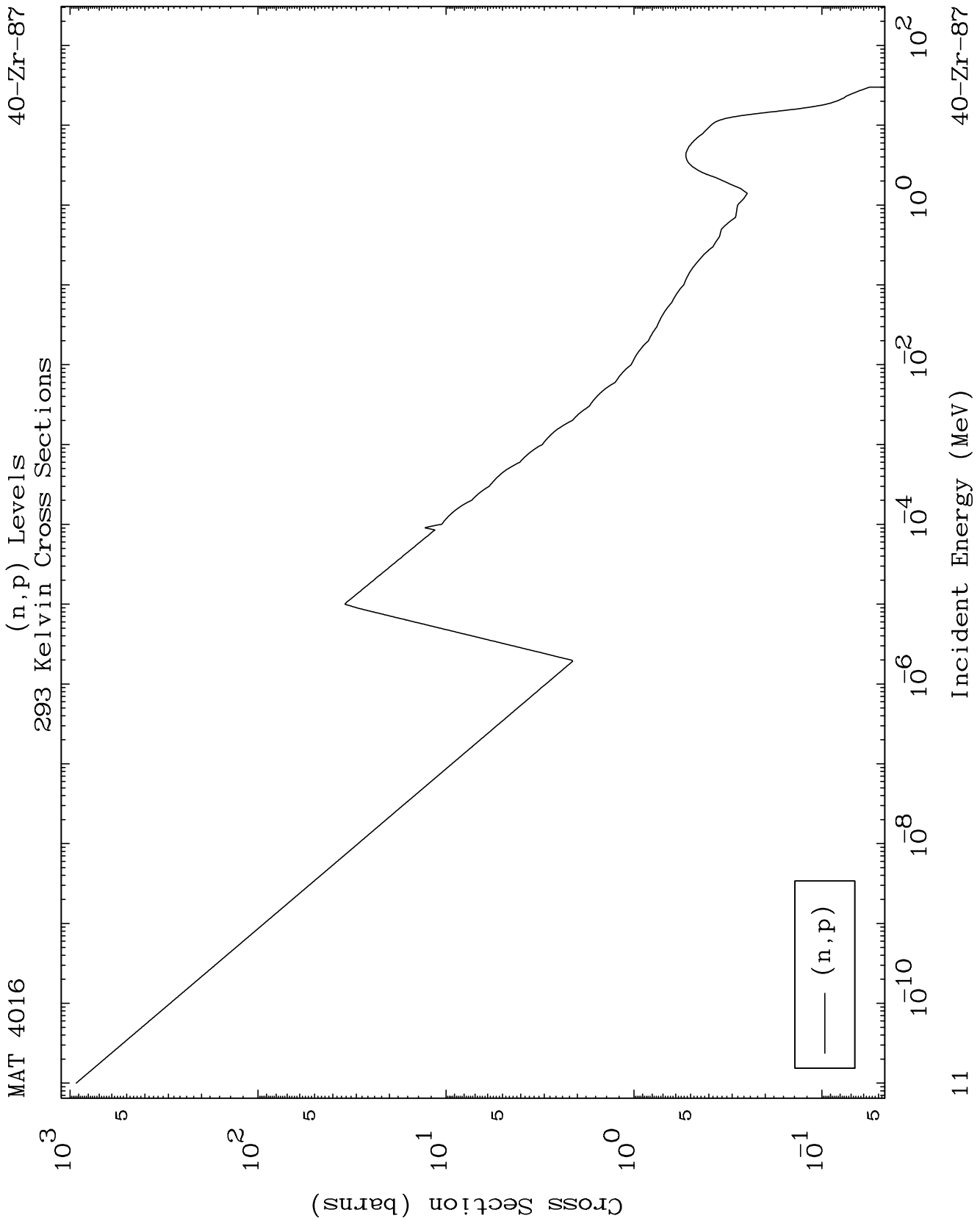
MAT 4016

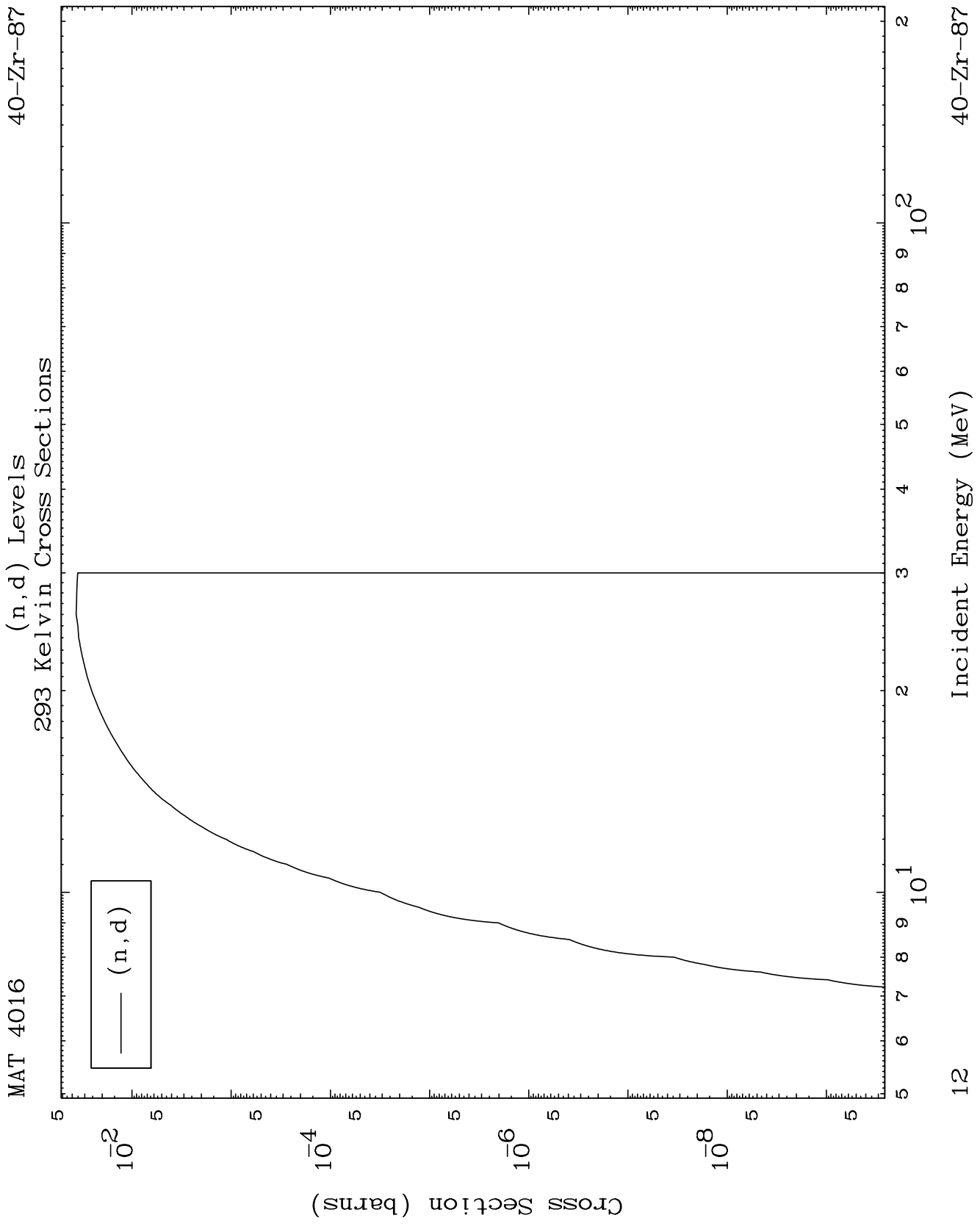
(n,n') Levels

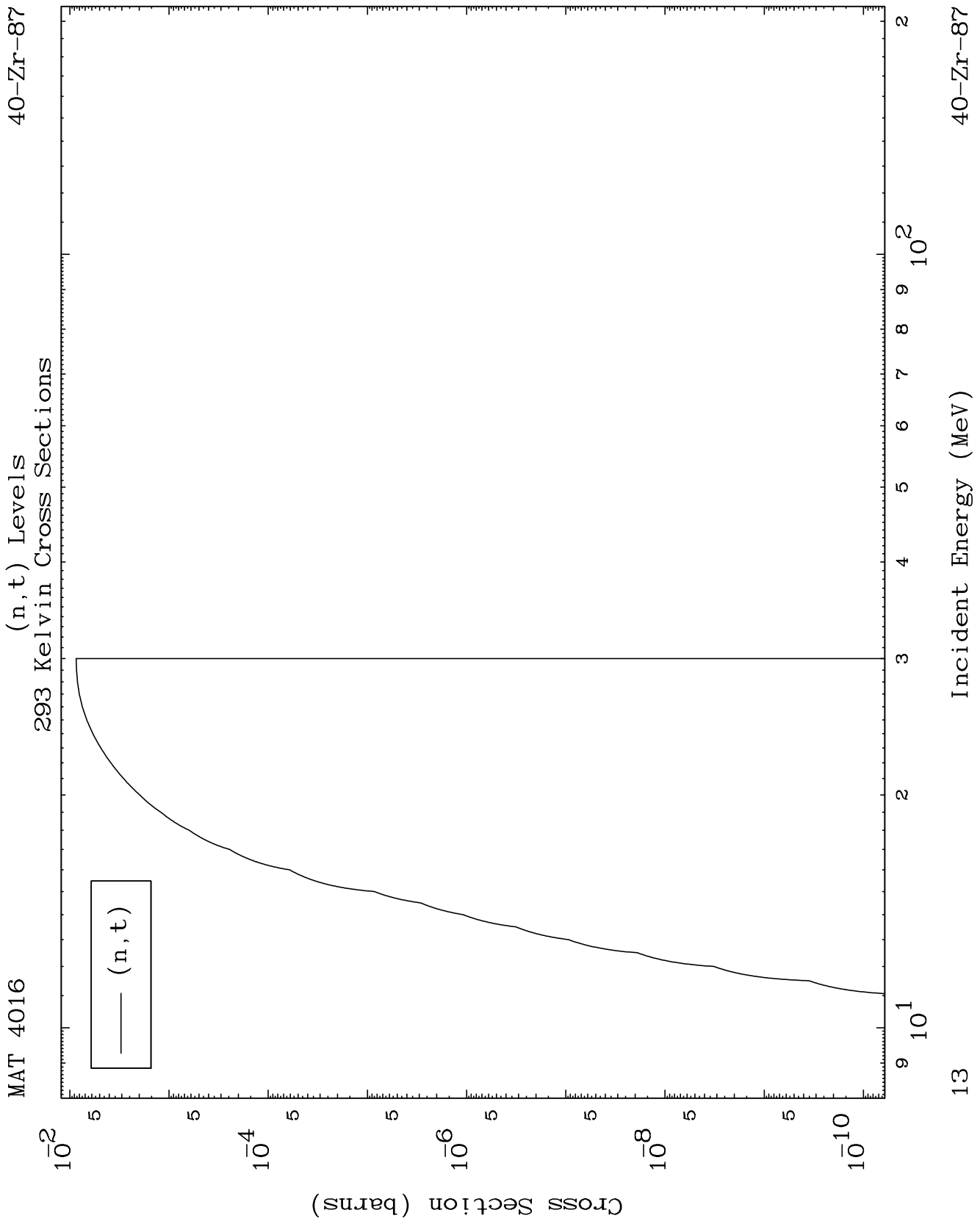
293 Kelvin Cross Sections

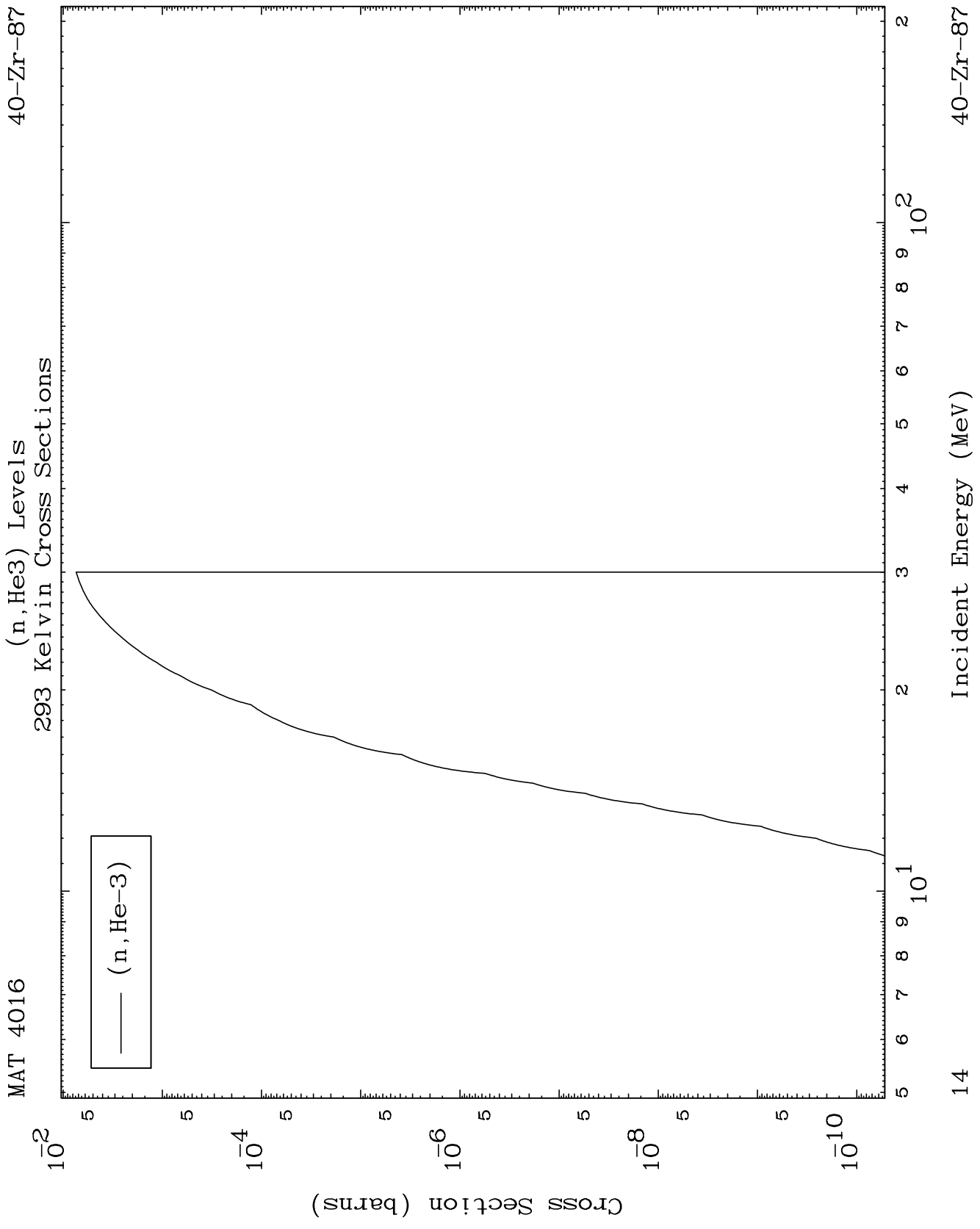
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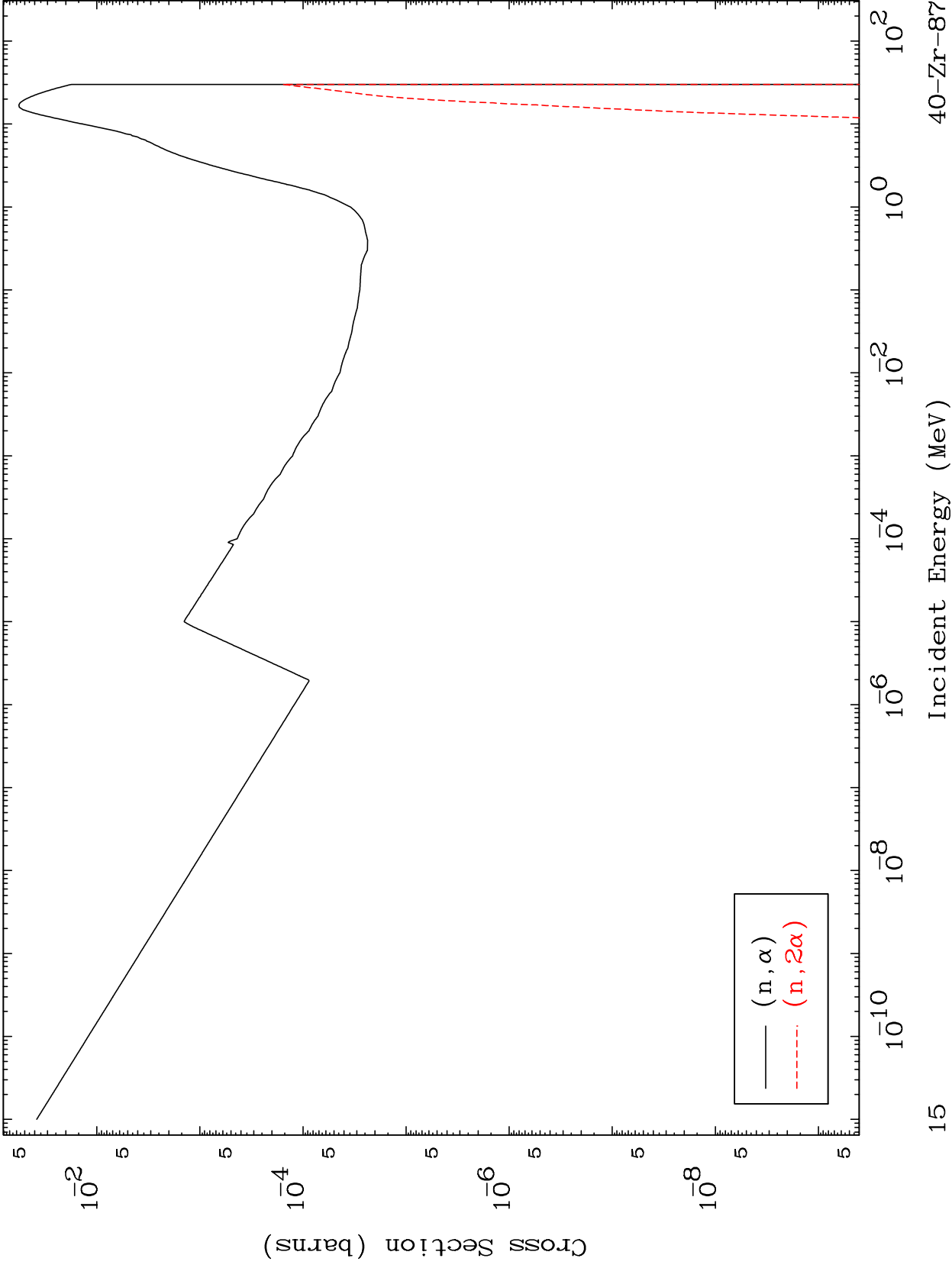




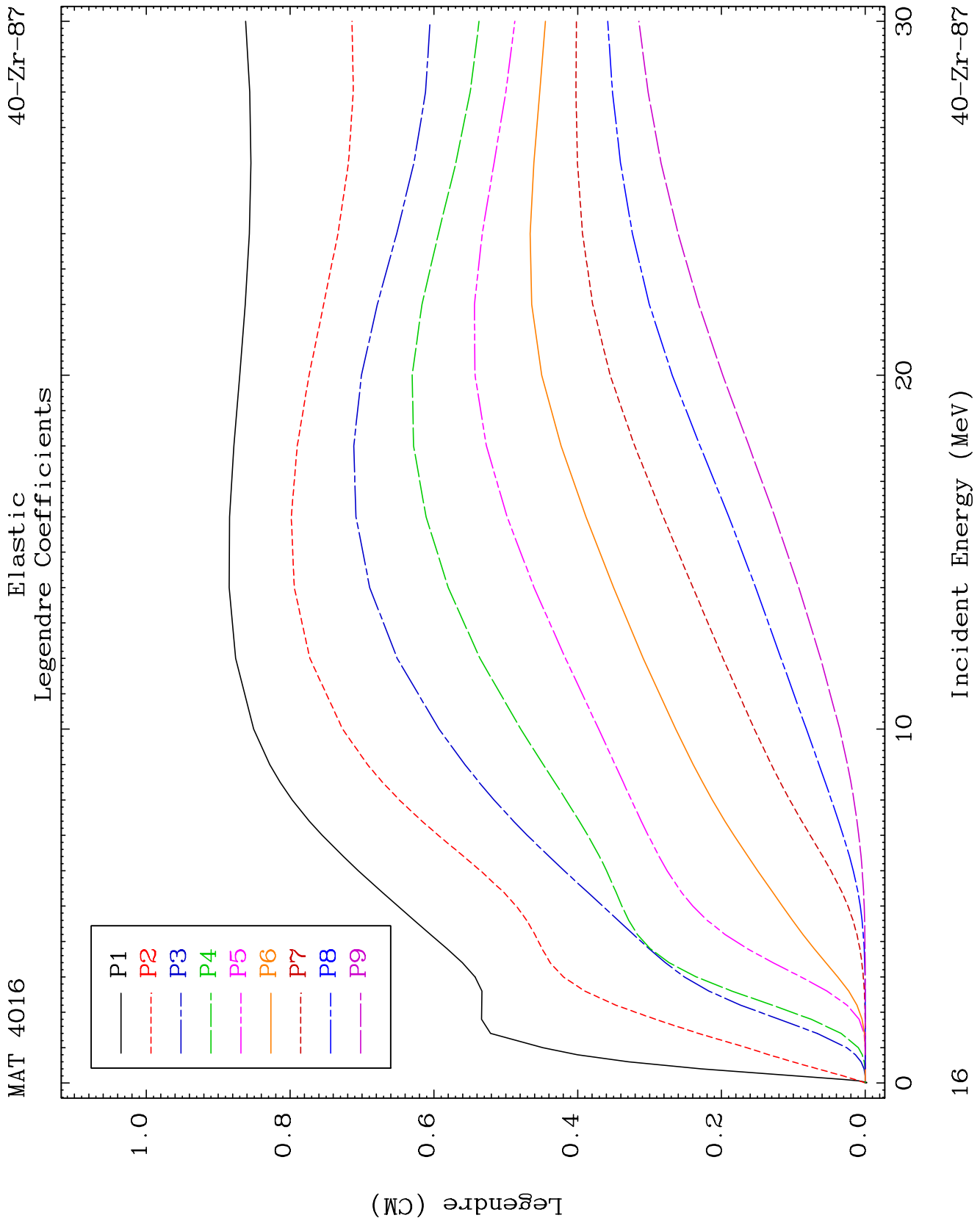
MAT 4016

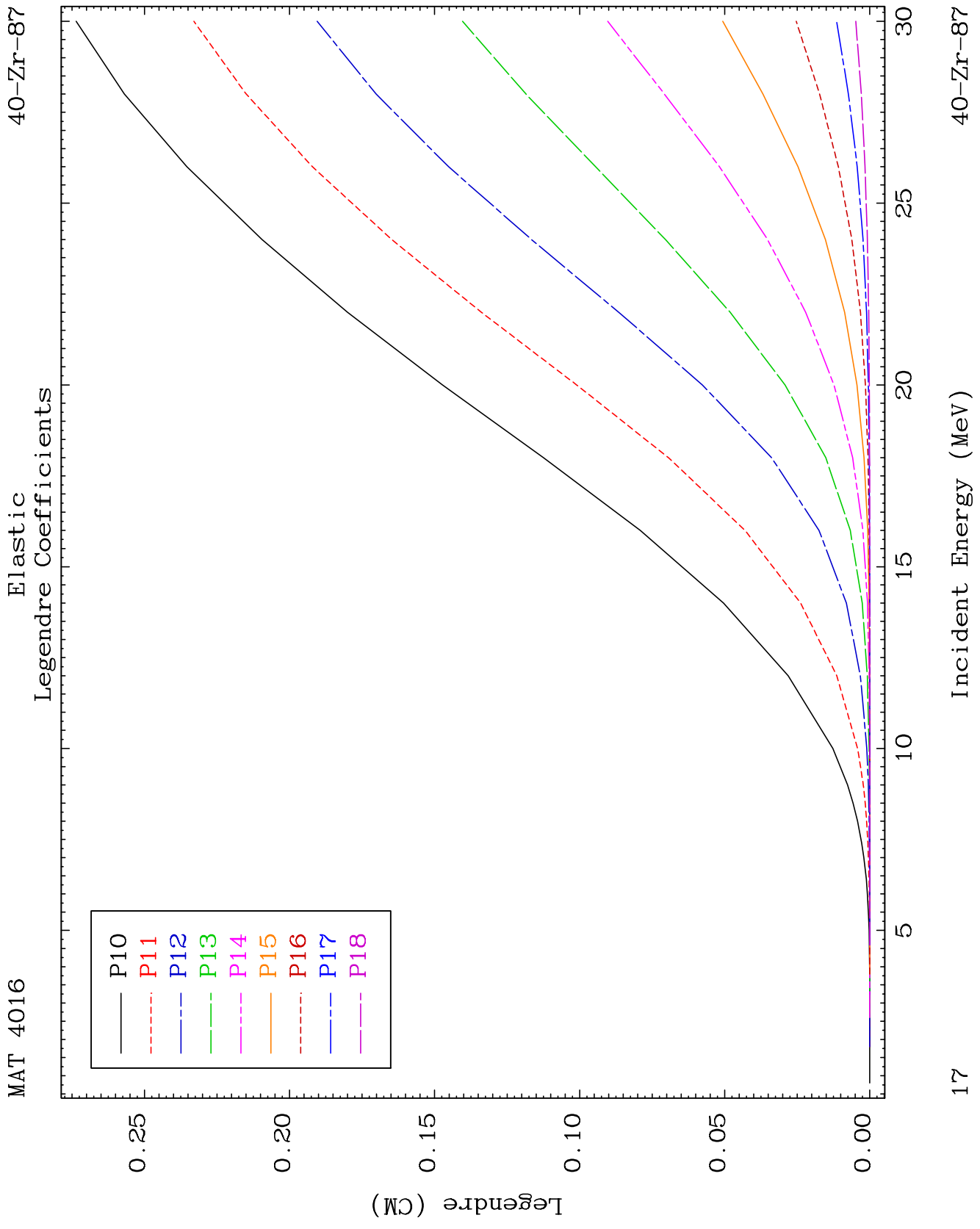
(n, α) Levels
293 Kelvin Cross Sections

40-Zr-87



15

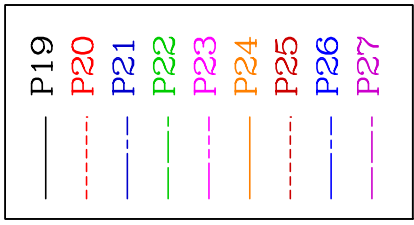
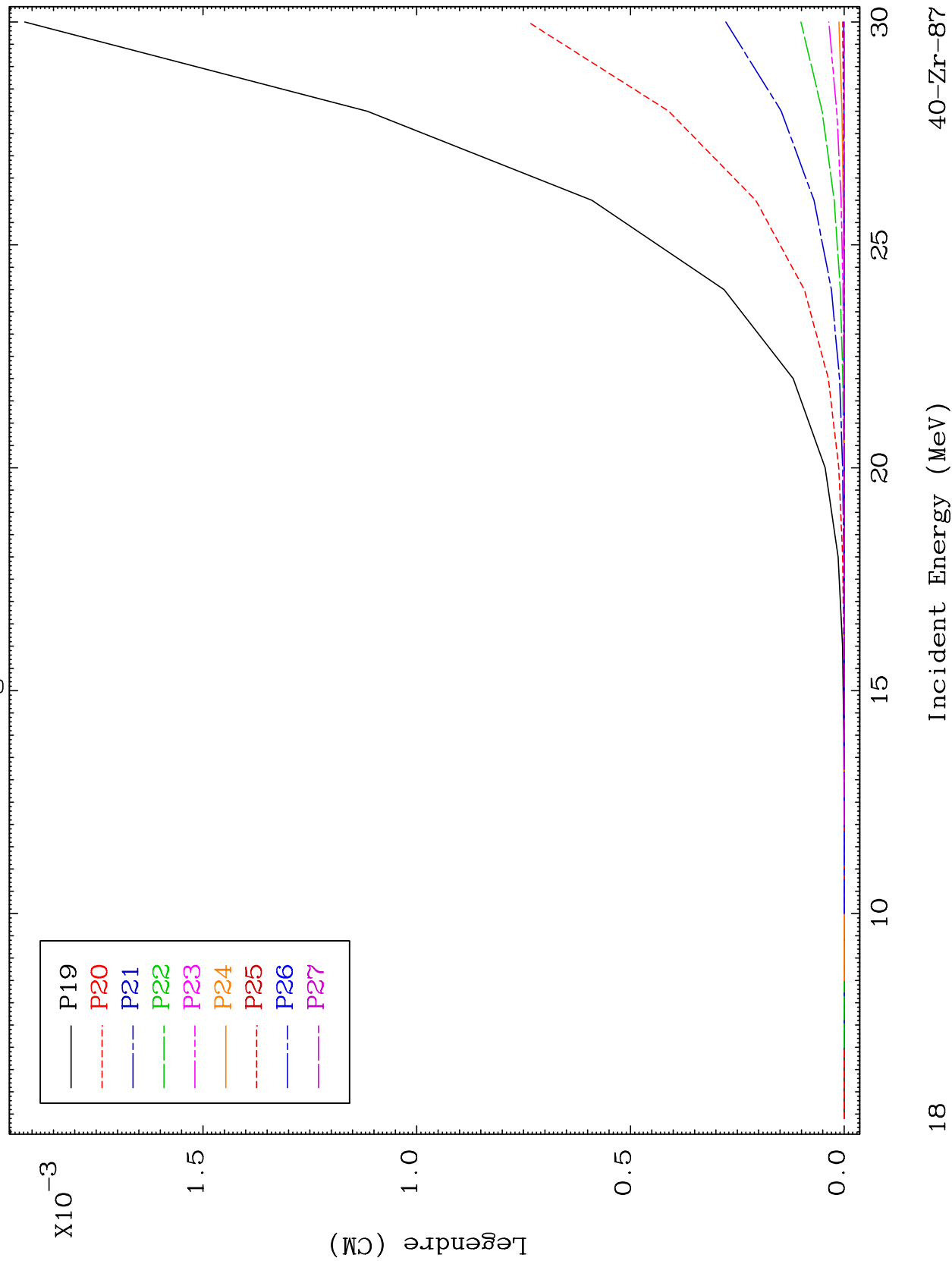


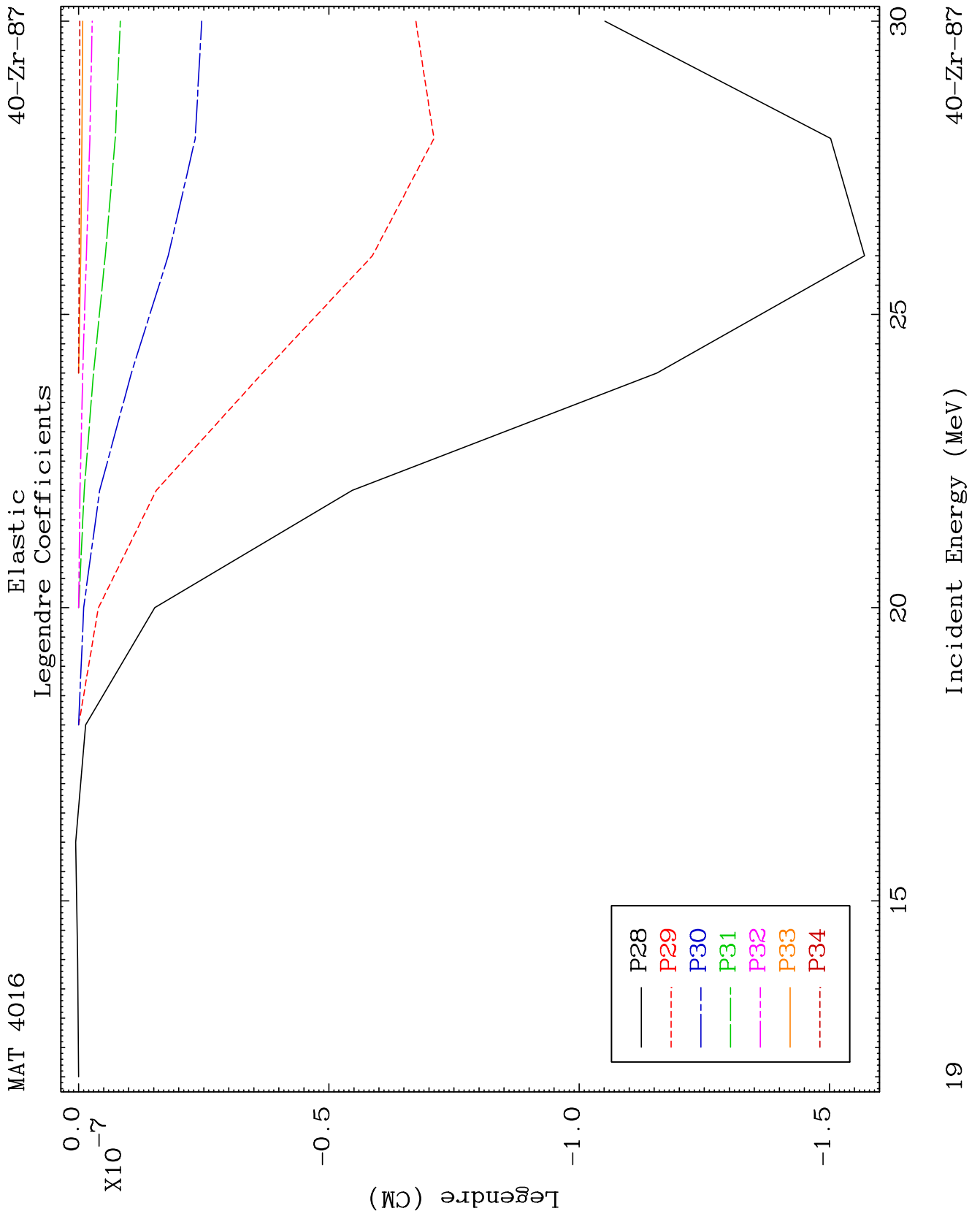


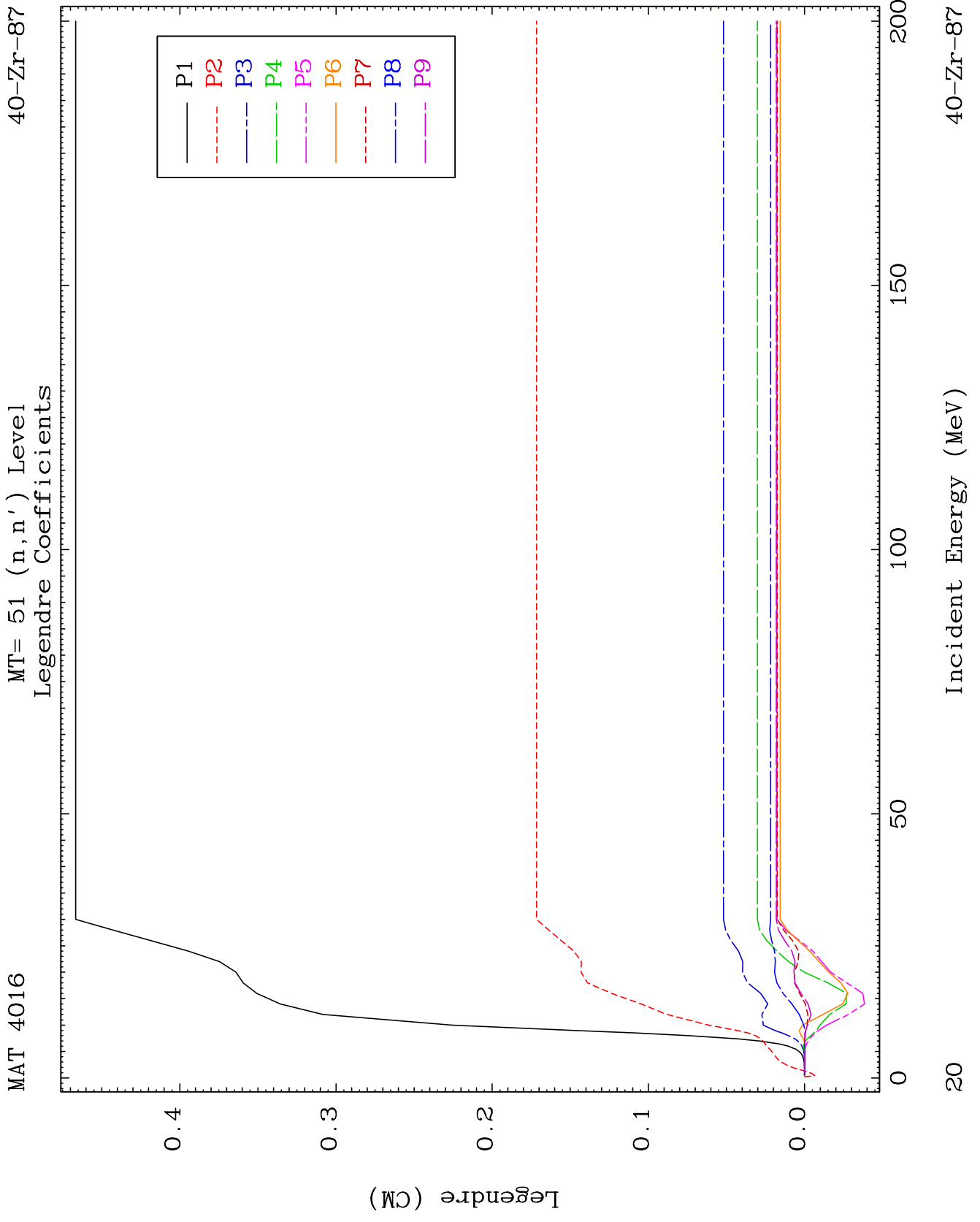
MAT 4016

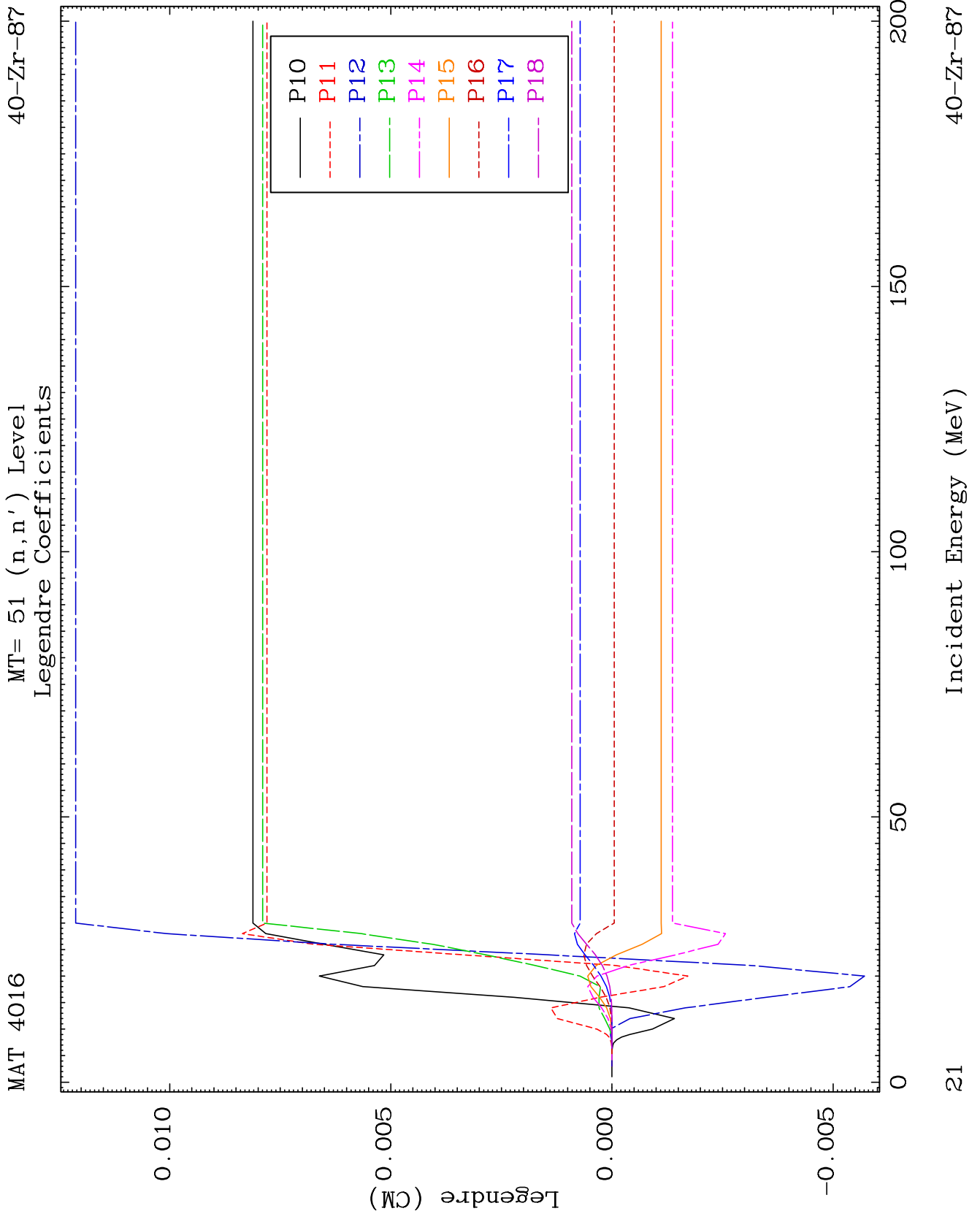
Elastic Legendre Coefficients

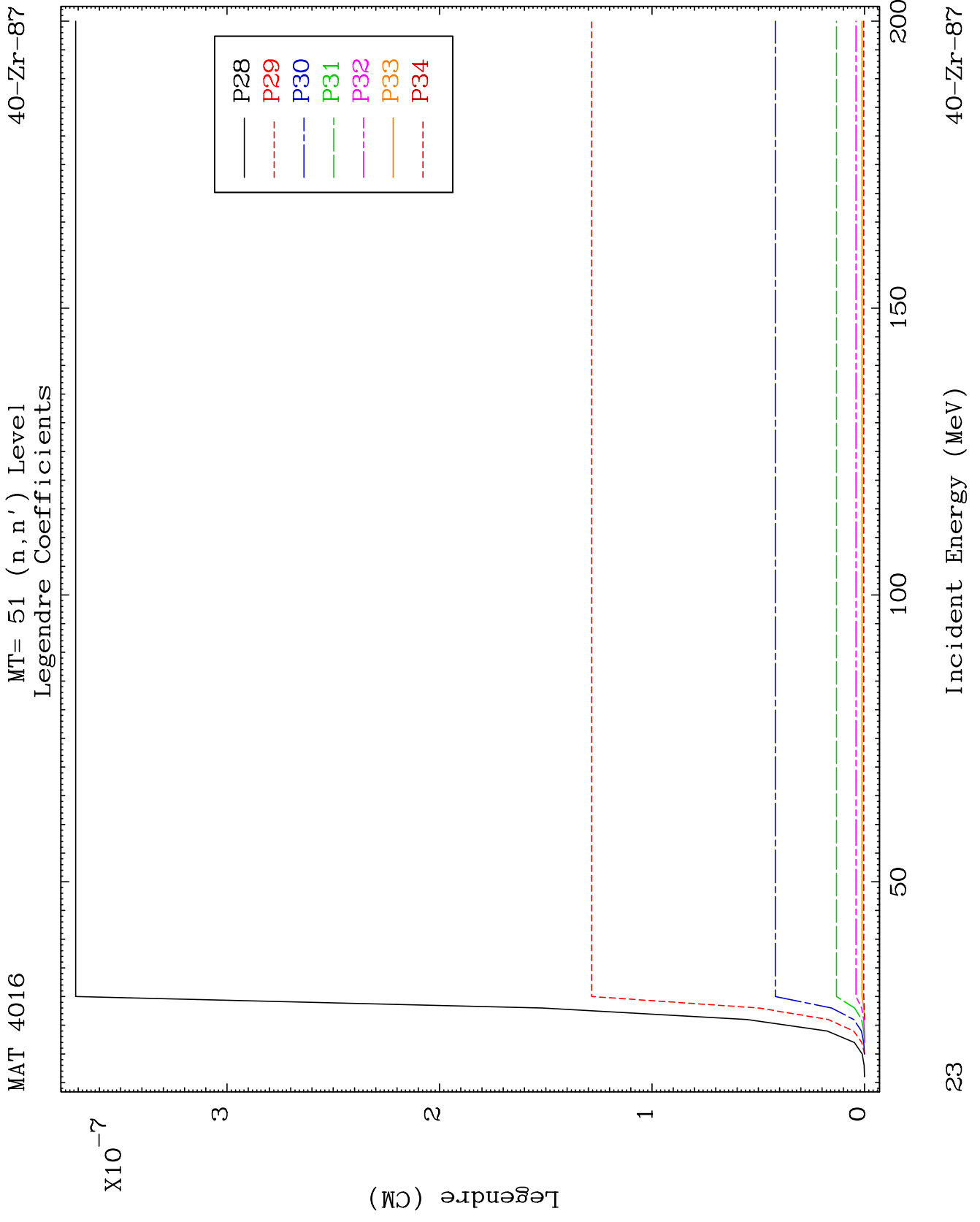
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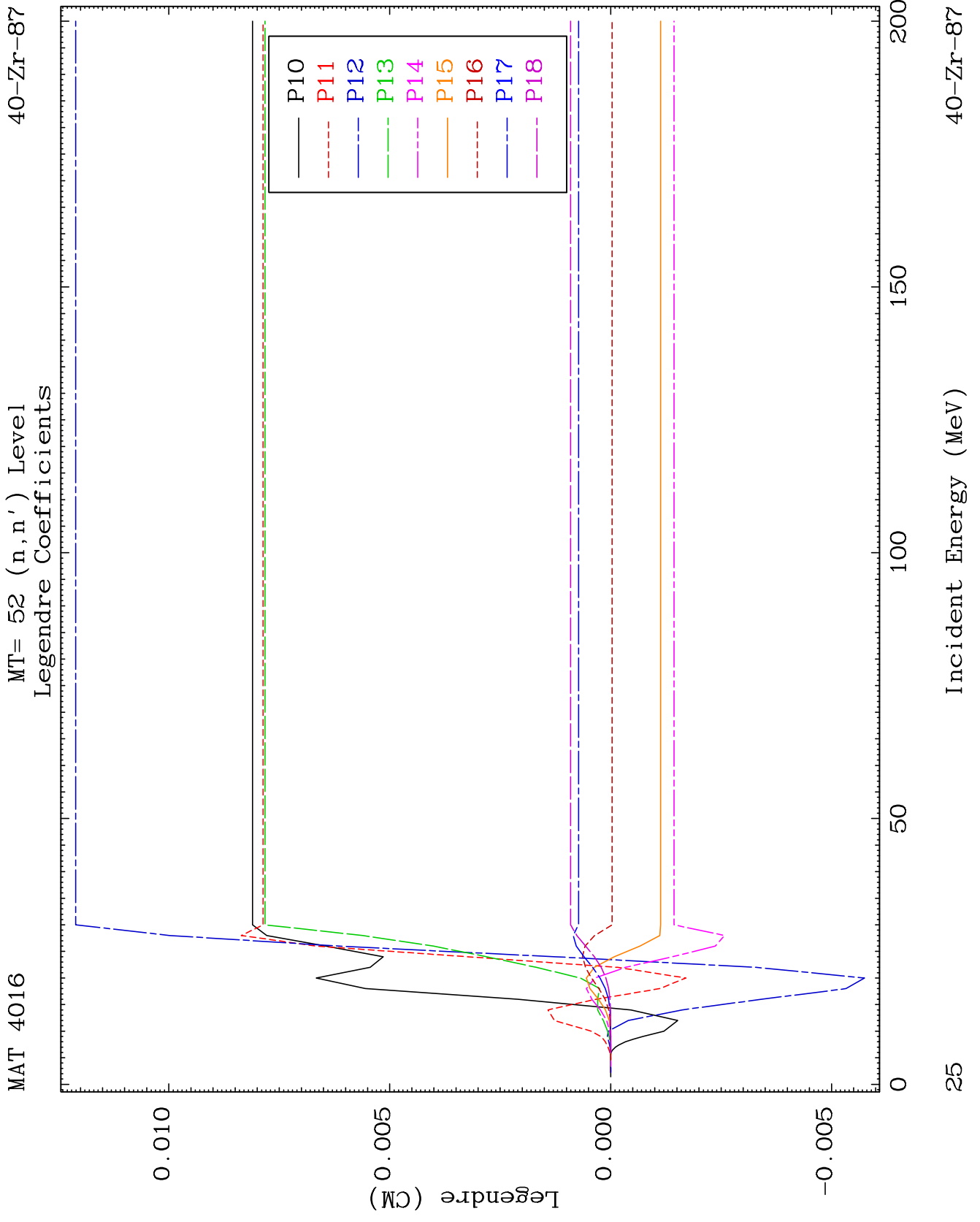


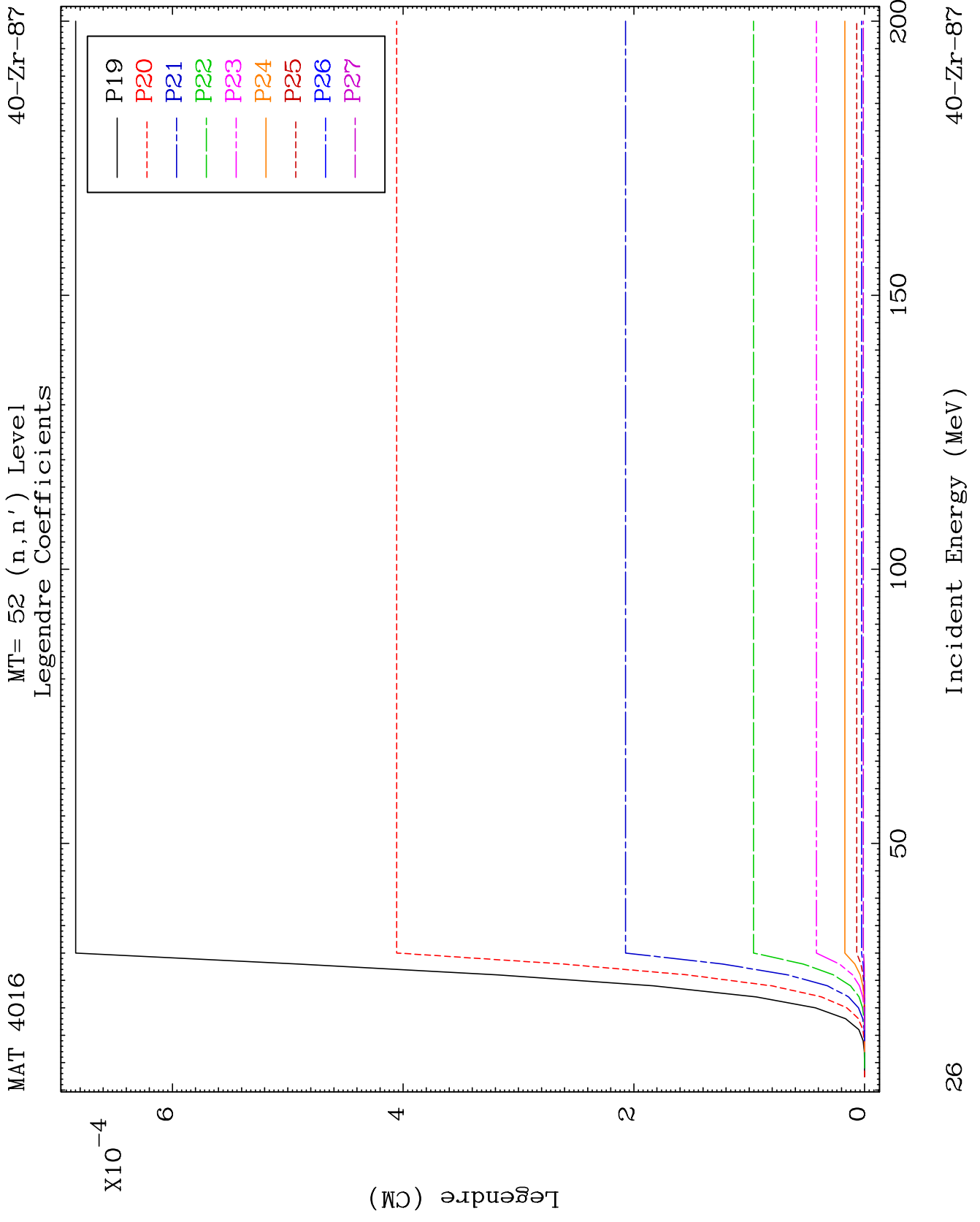








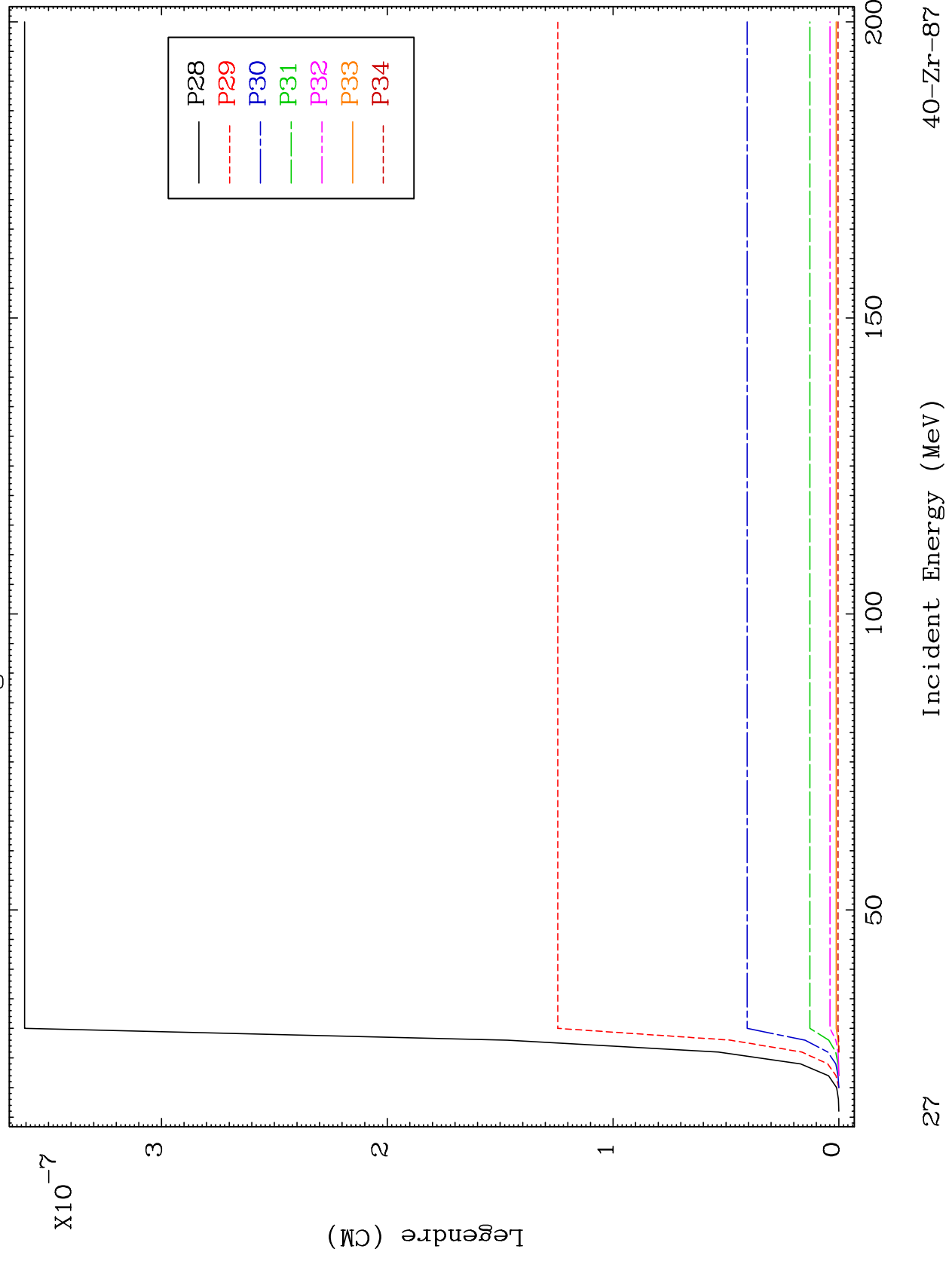




MAT 4016

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

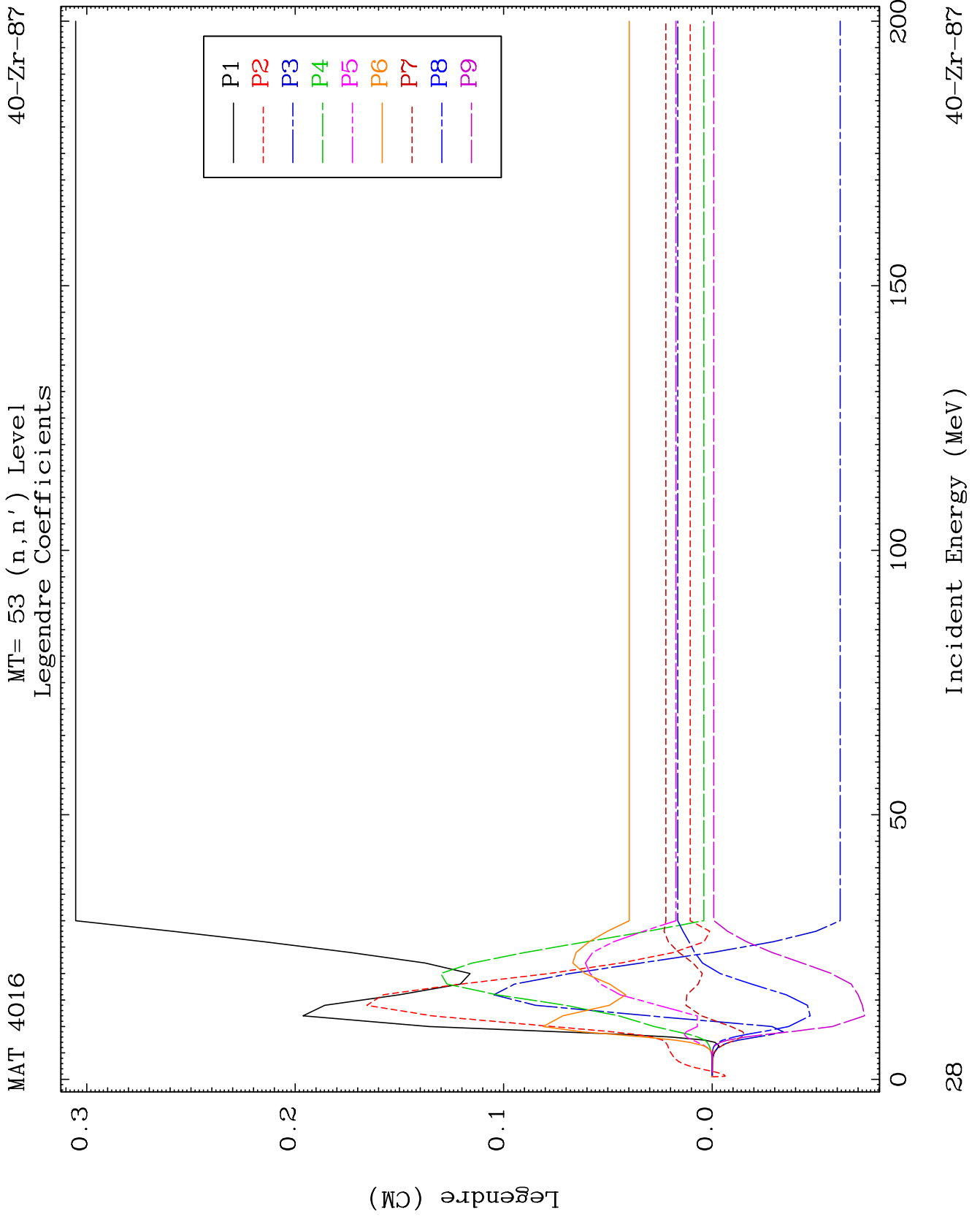
40-Zr-87



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Incident Energy (MeV)

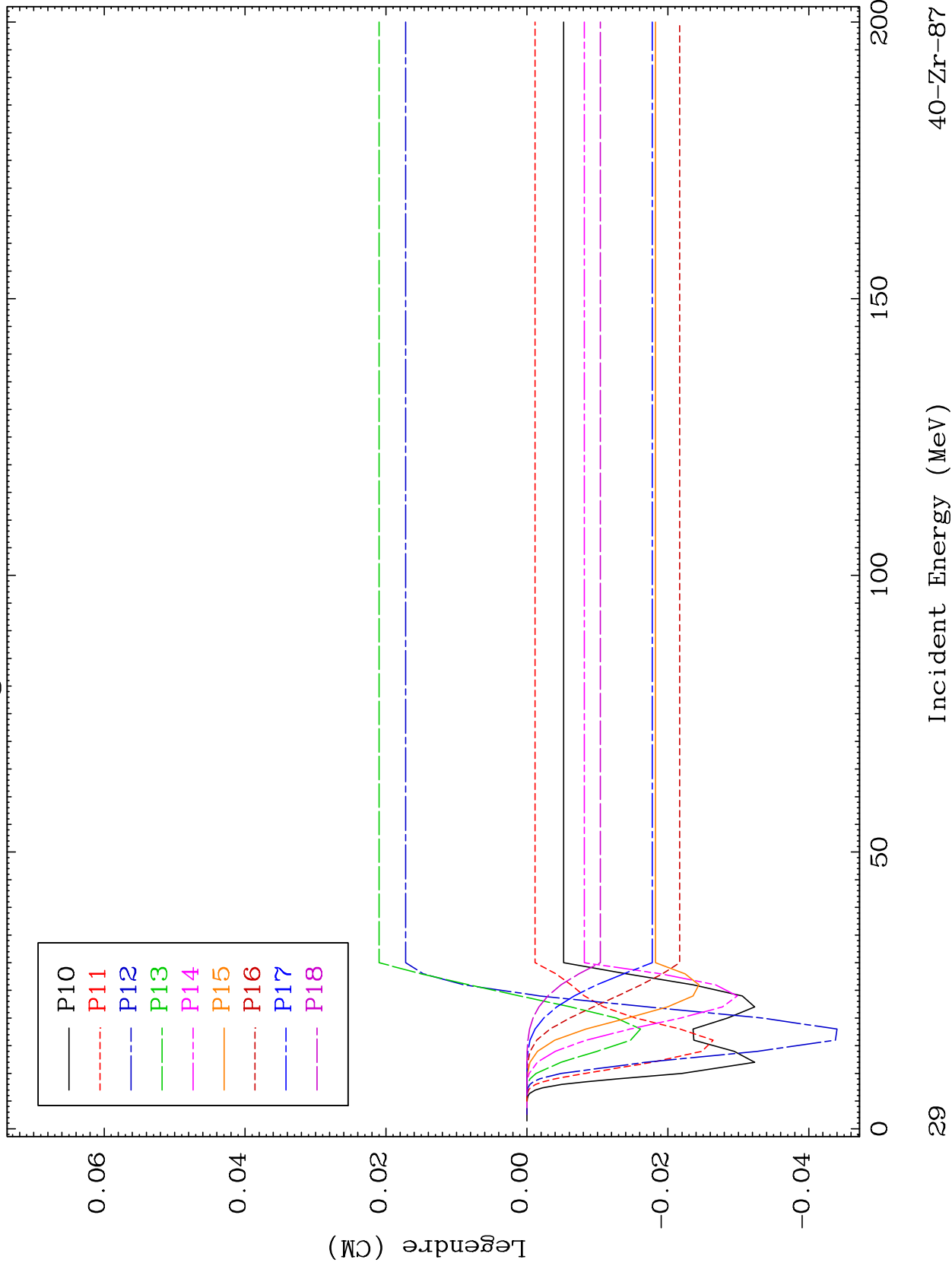
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MAT 4016

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

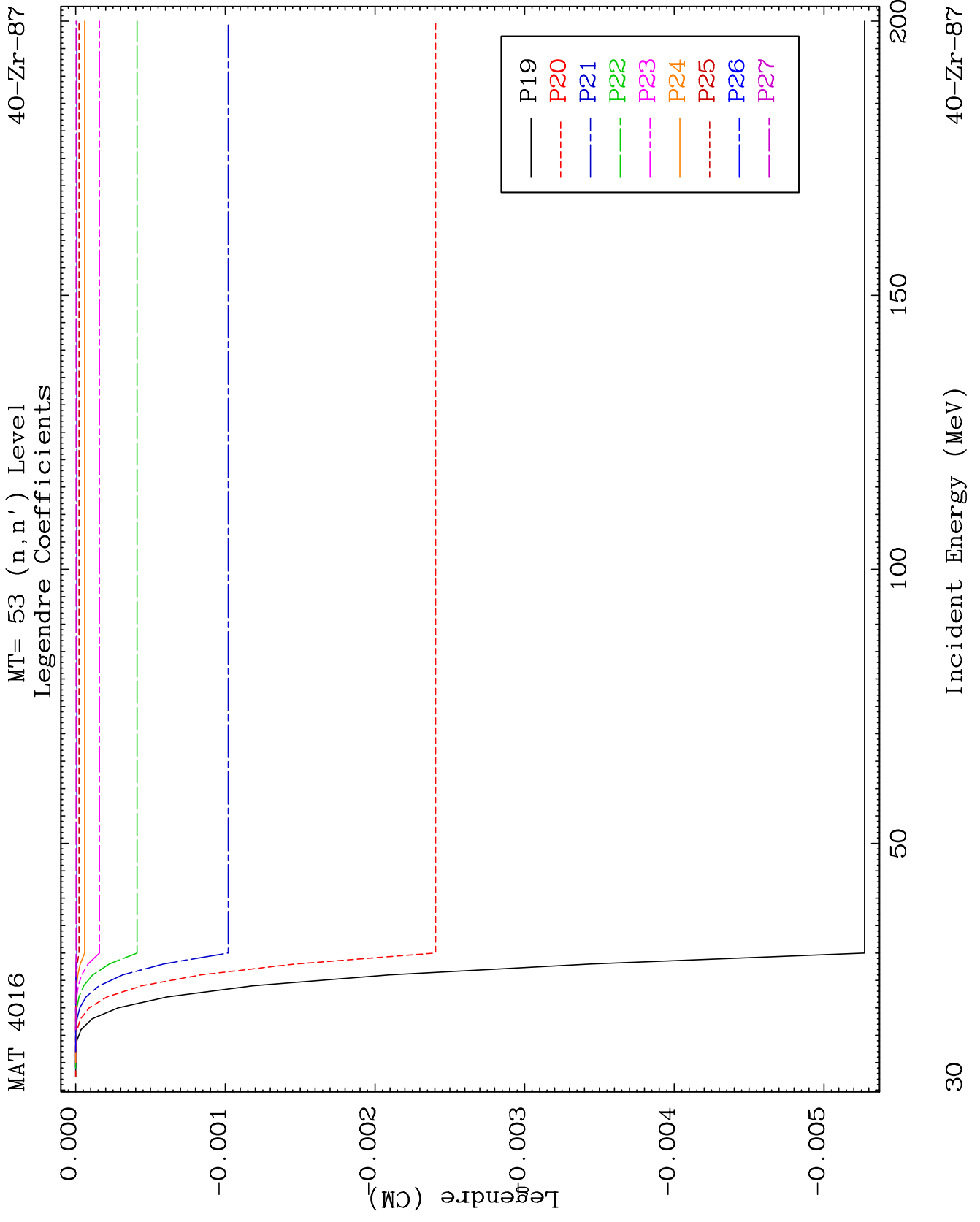
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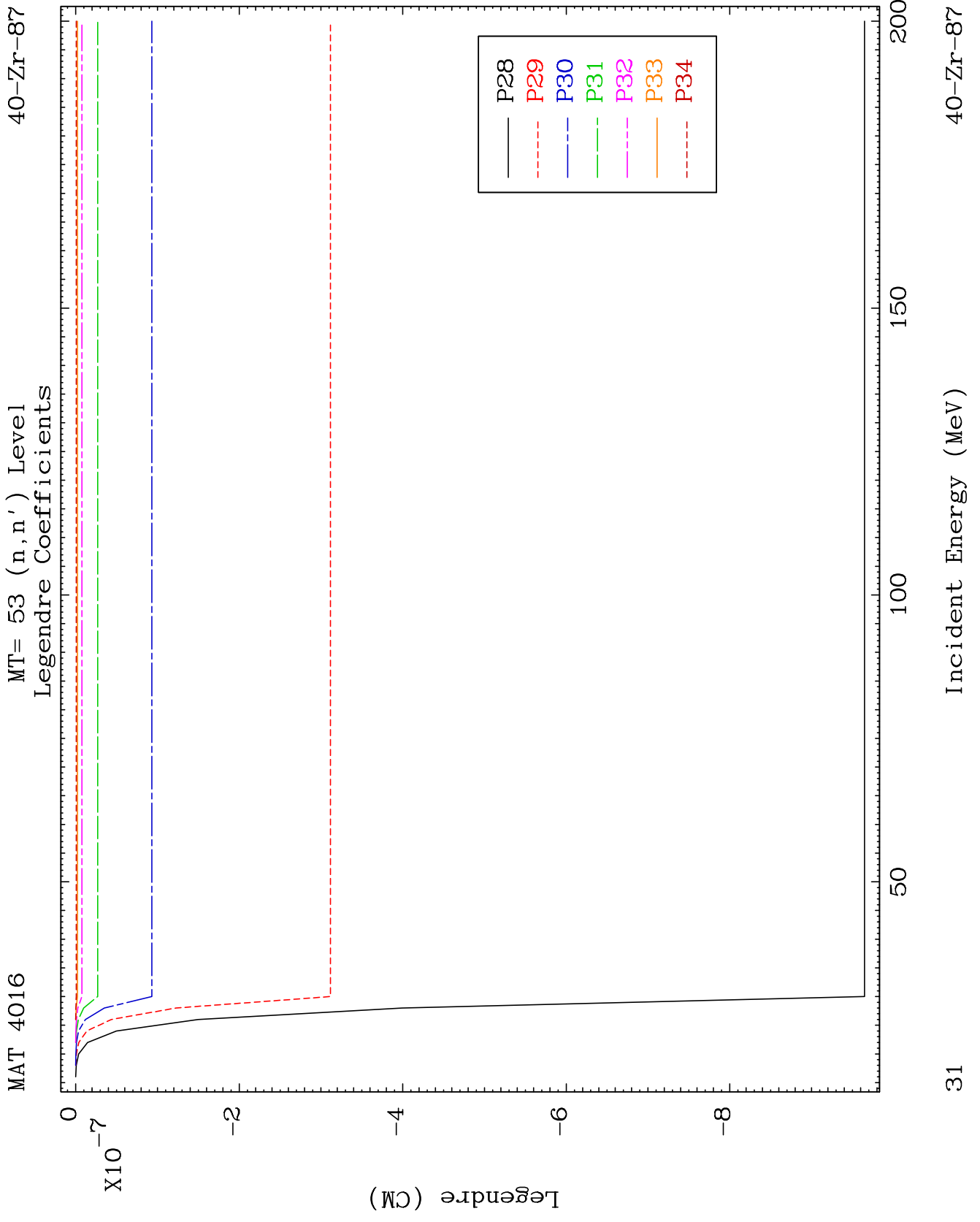


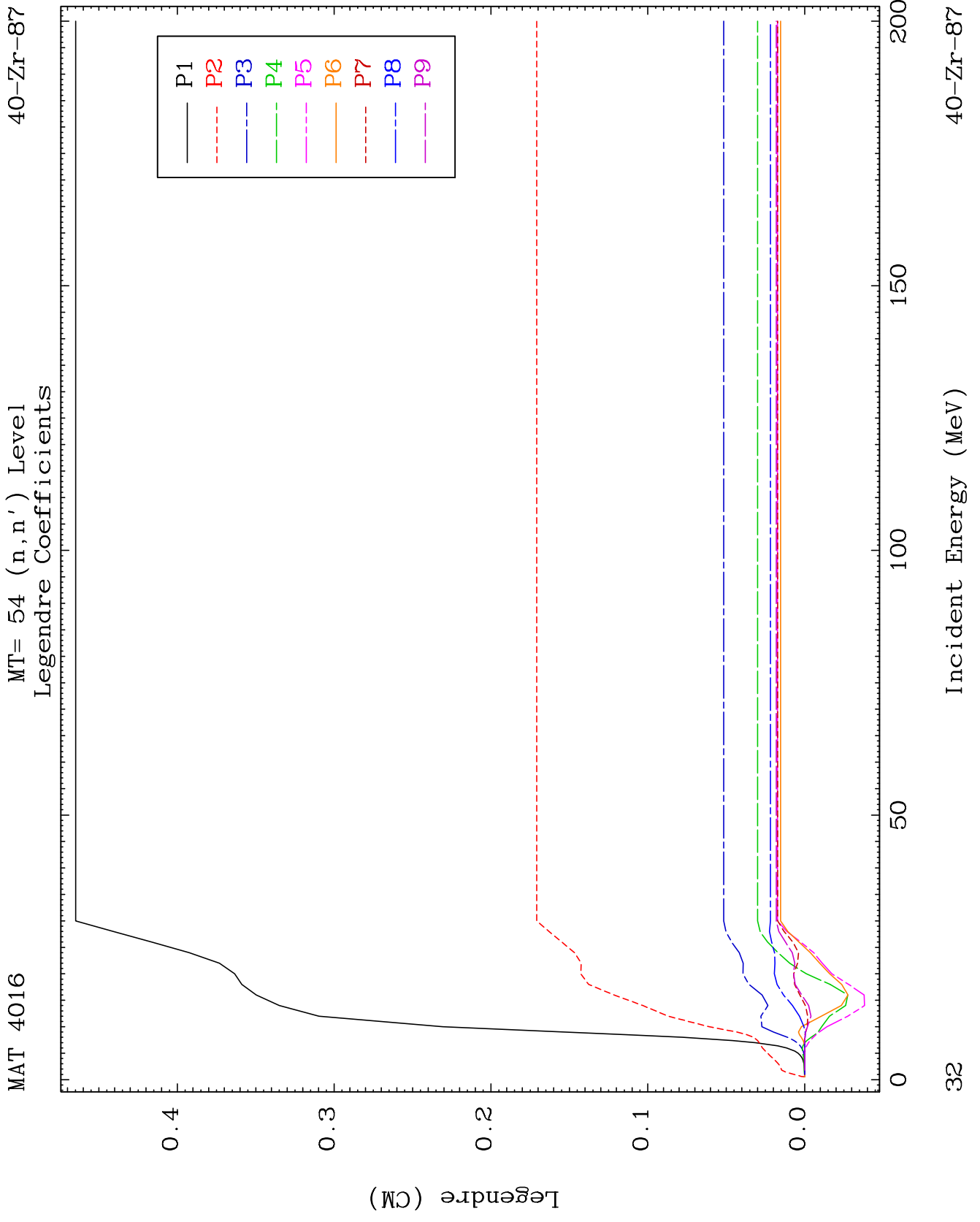
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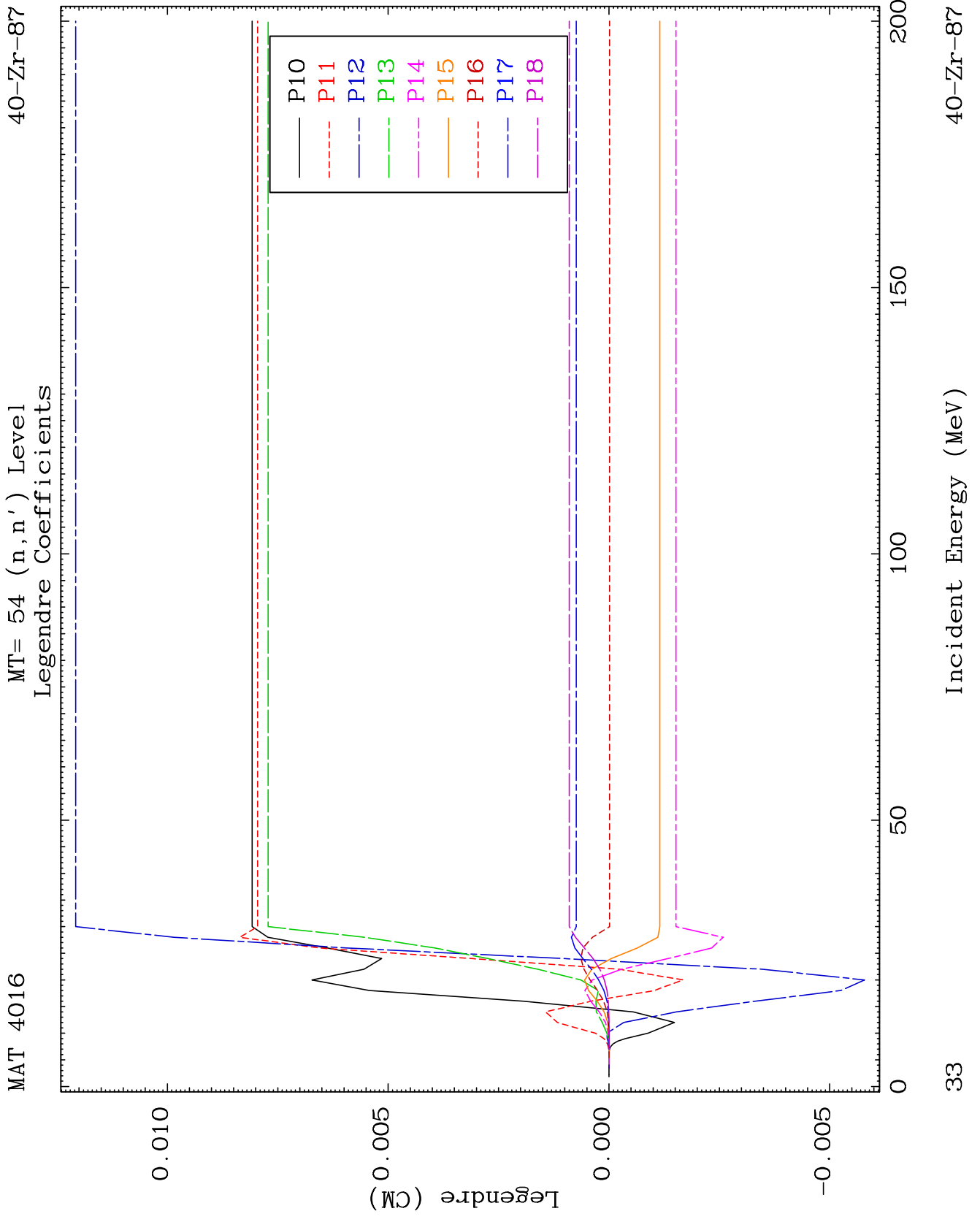
Incident Energy (MeV)

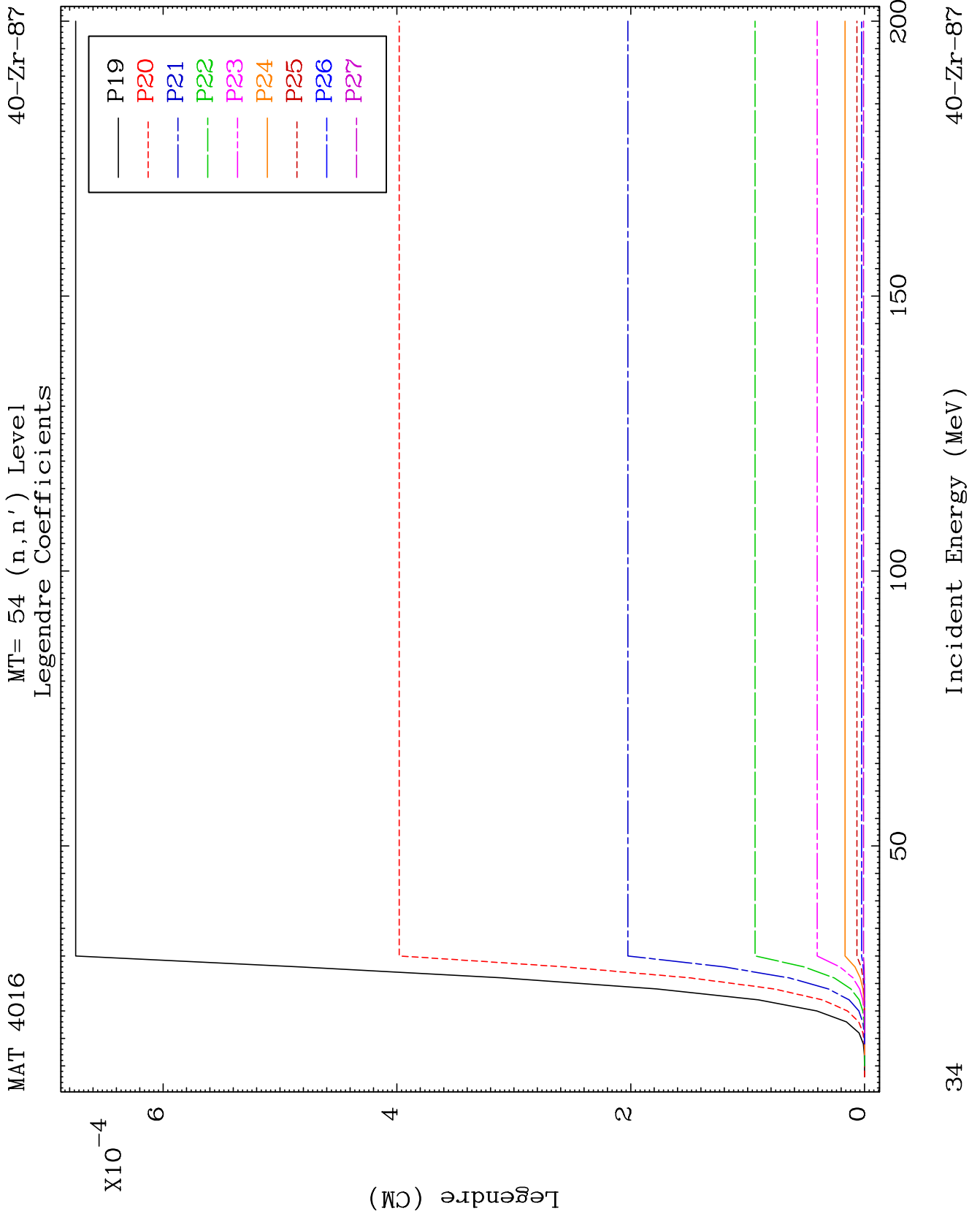
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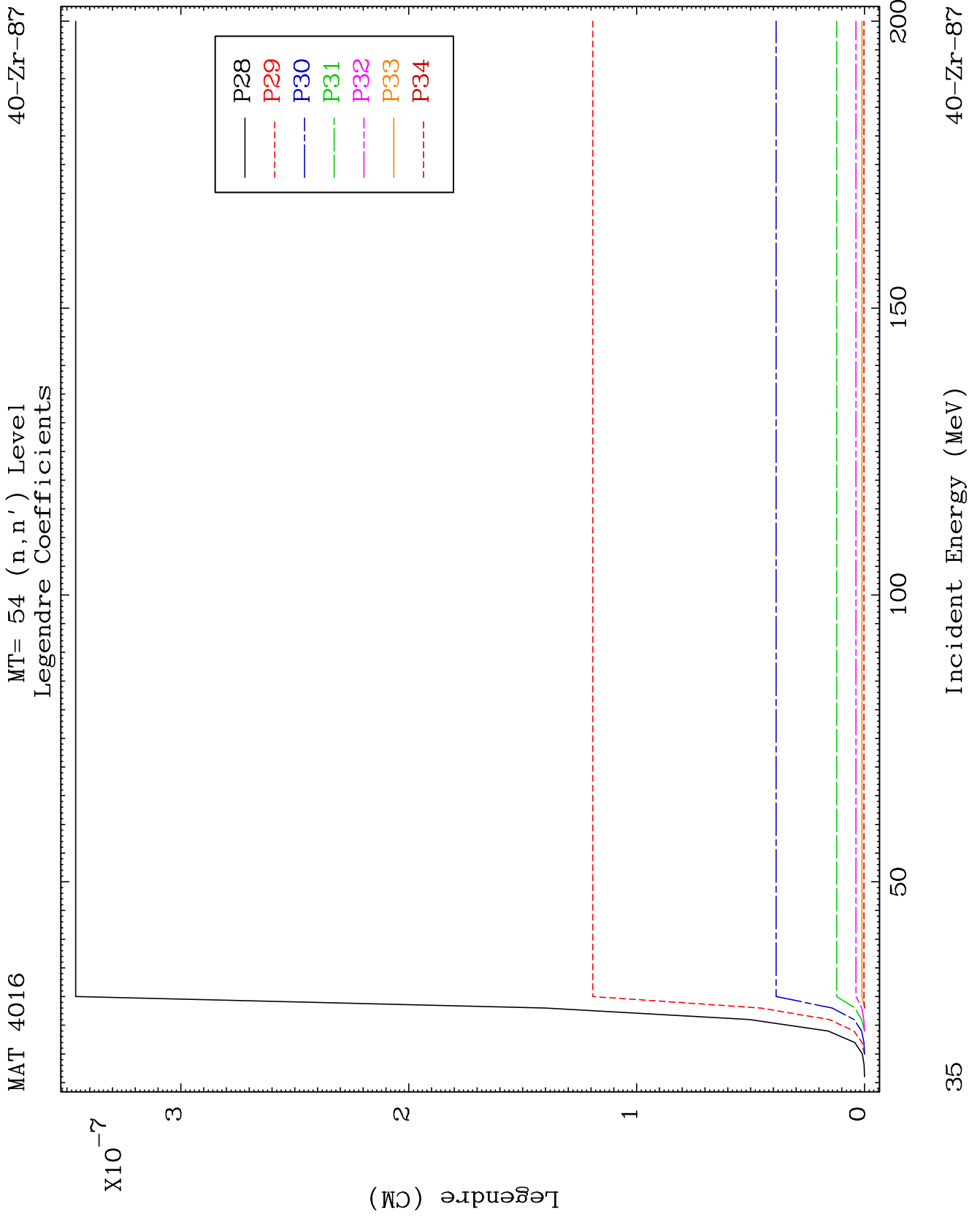


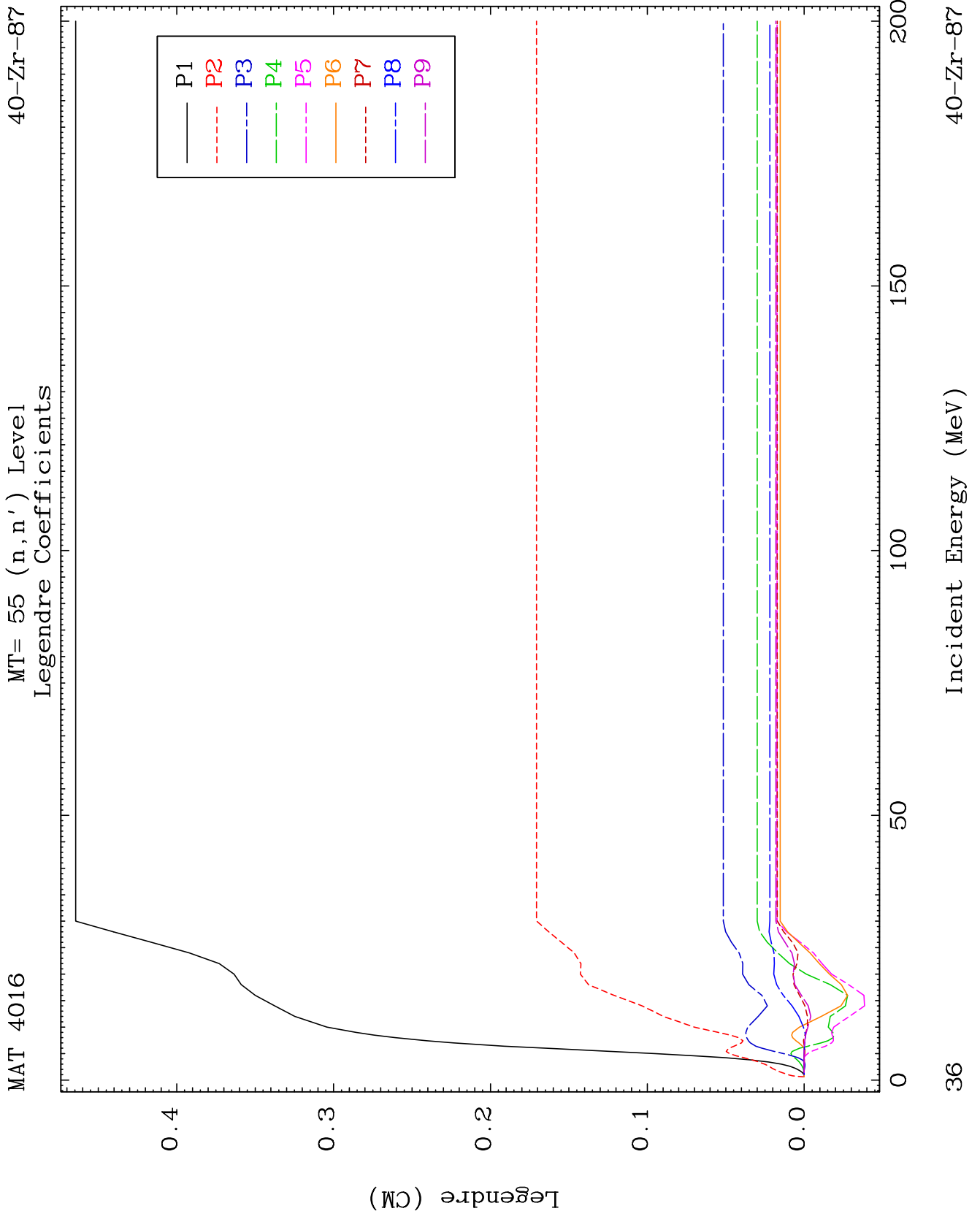


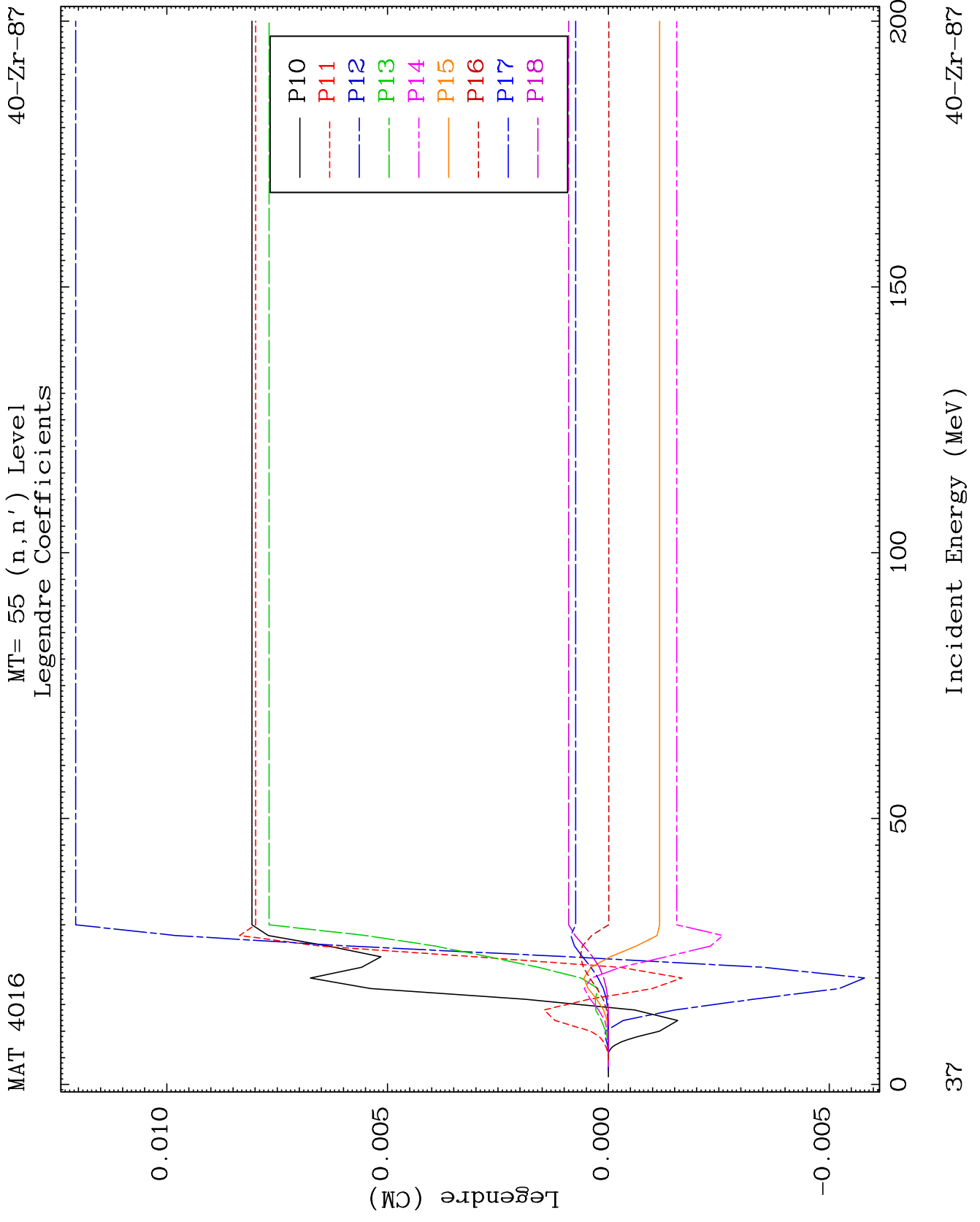


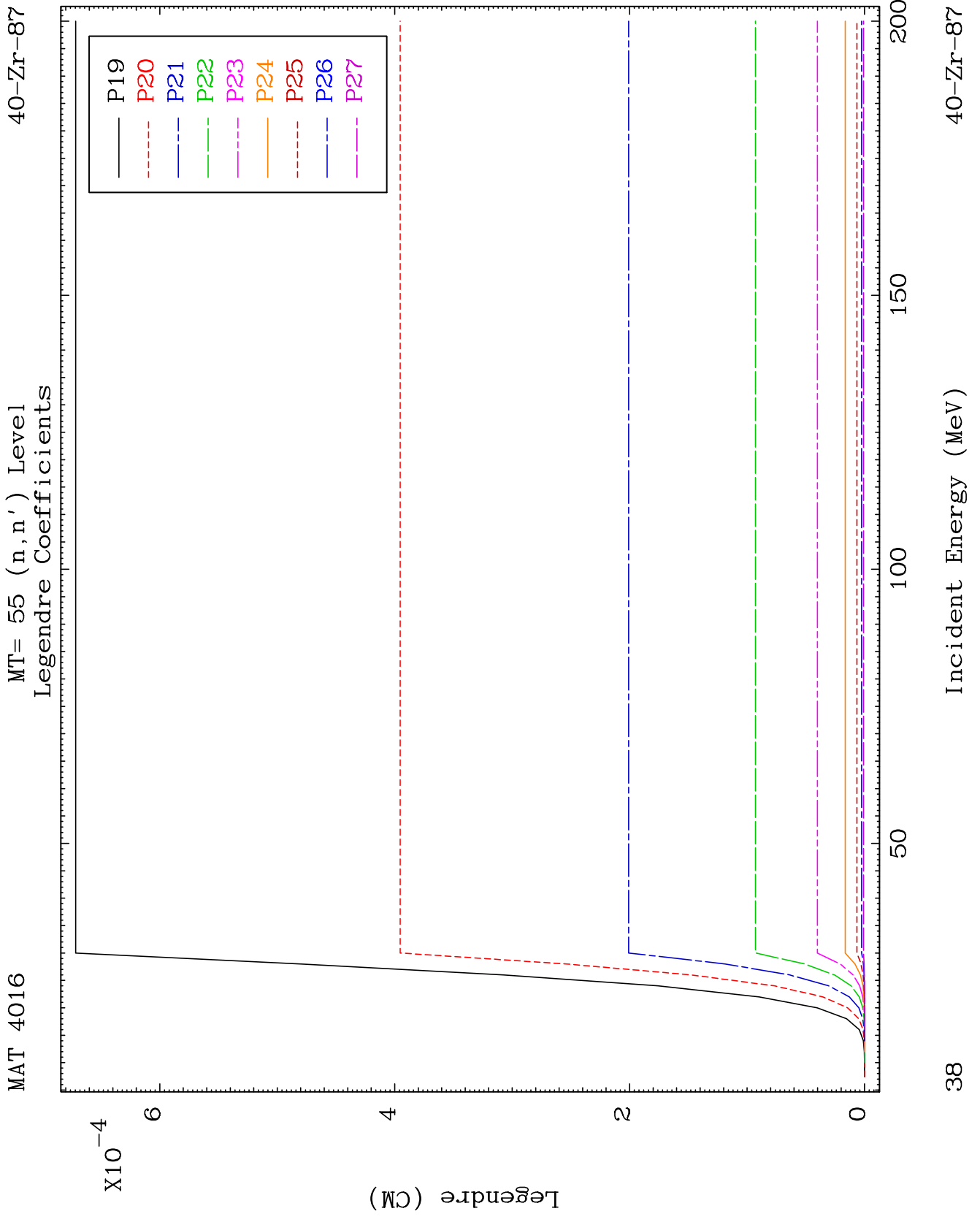


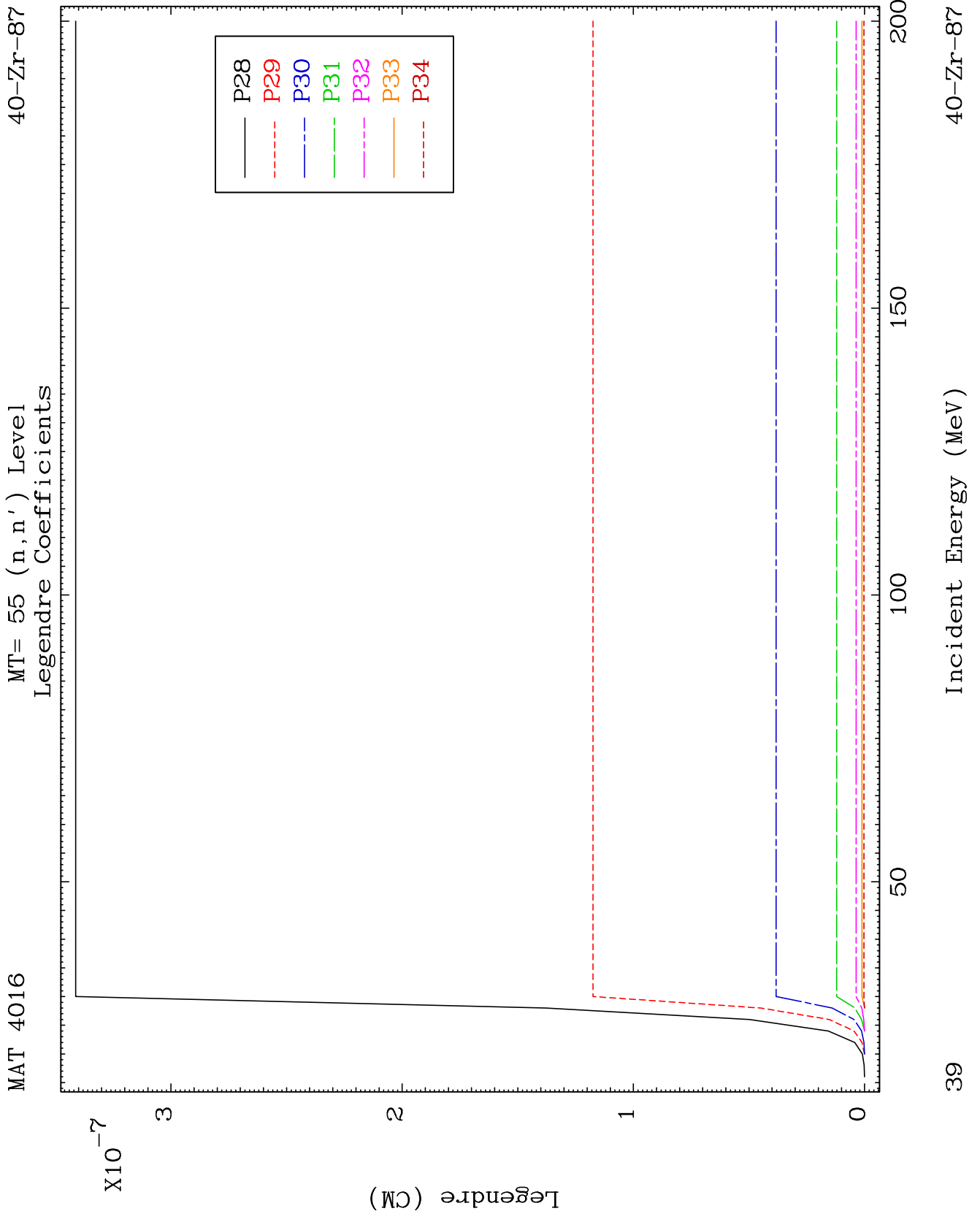


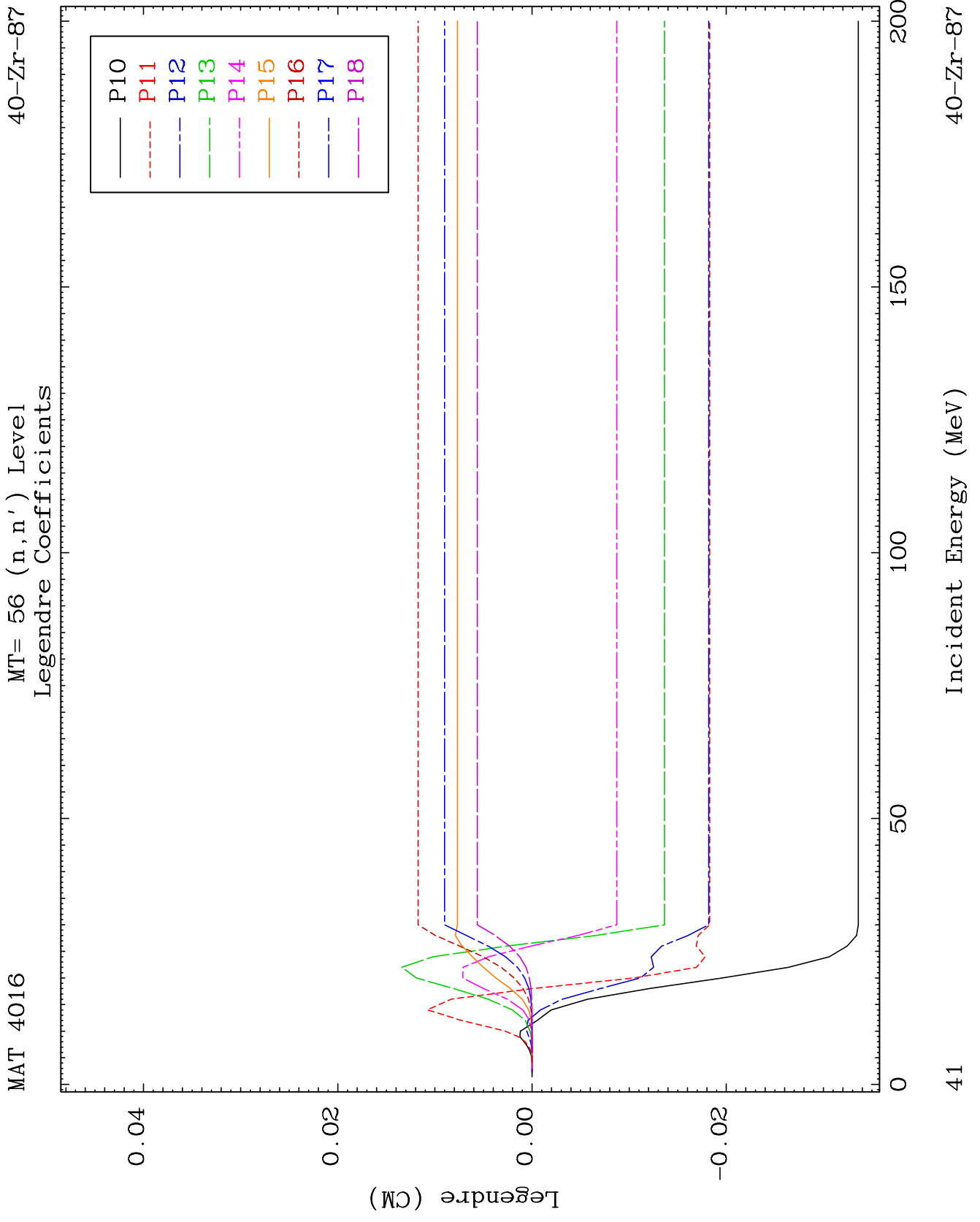


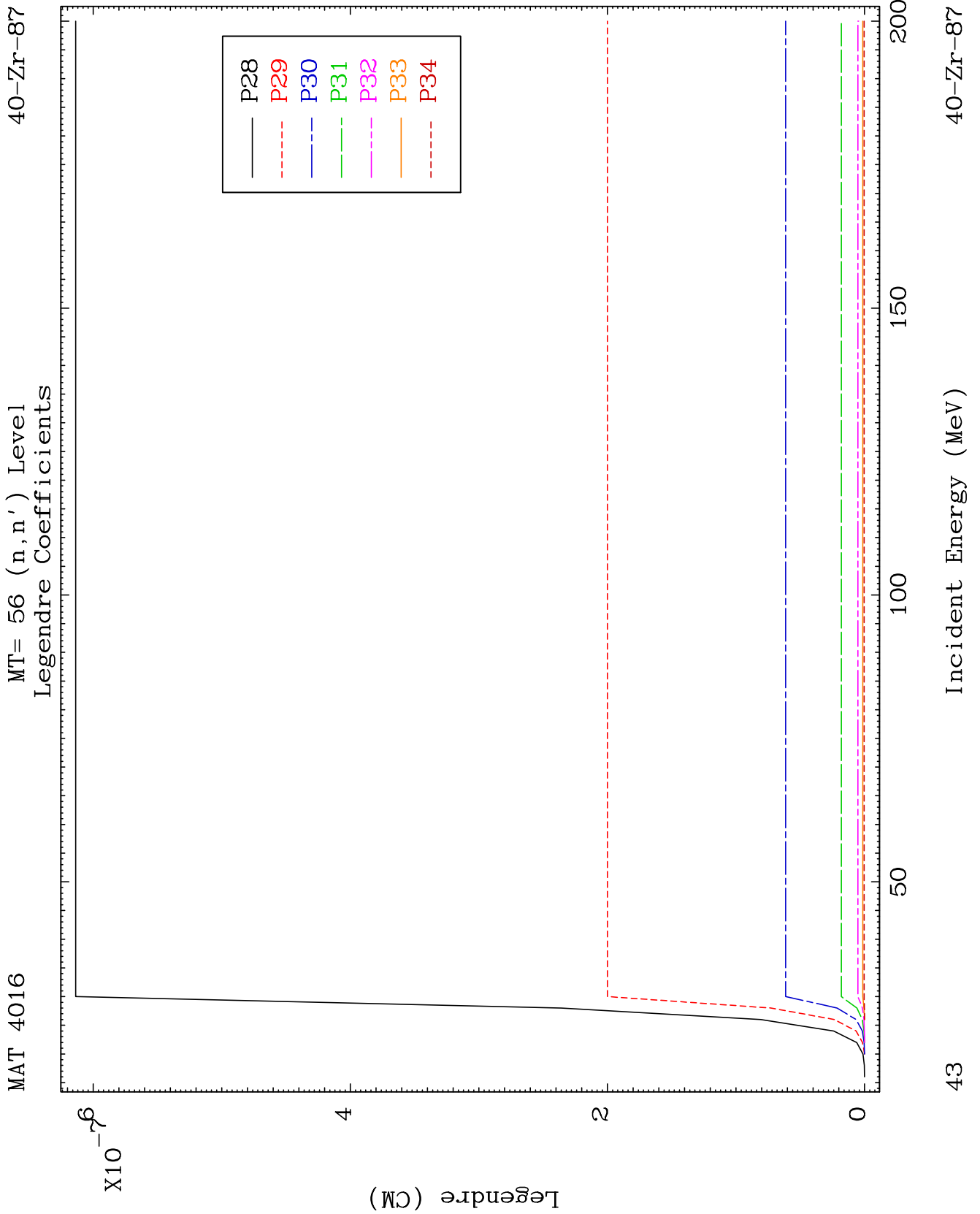


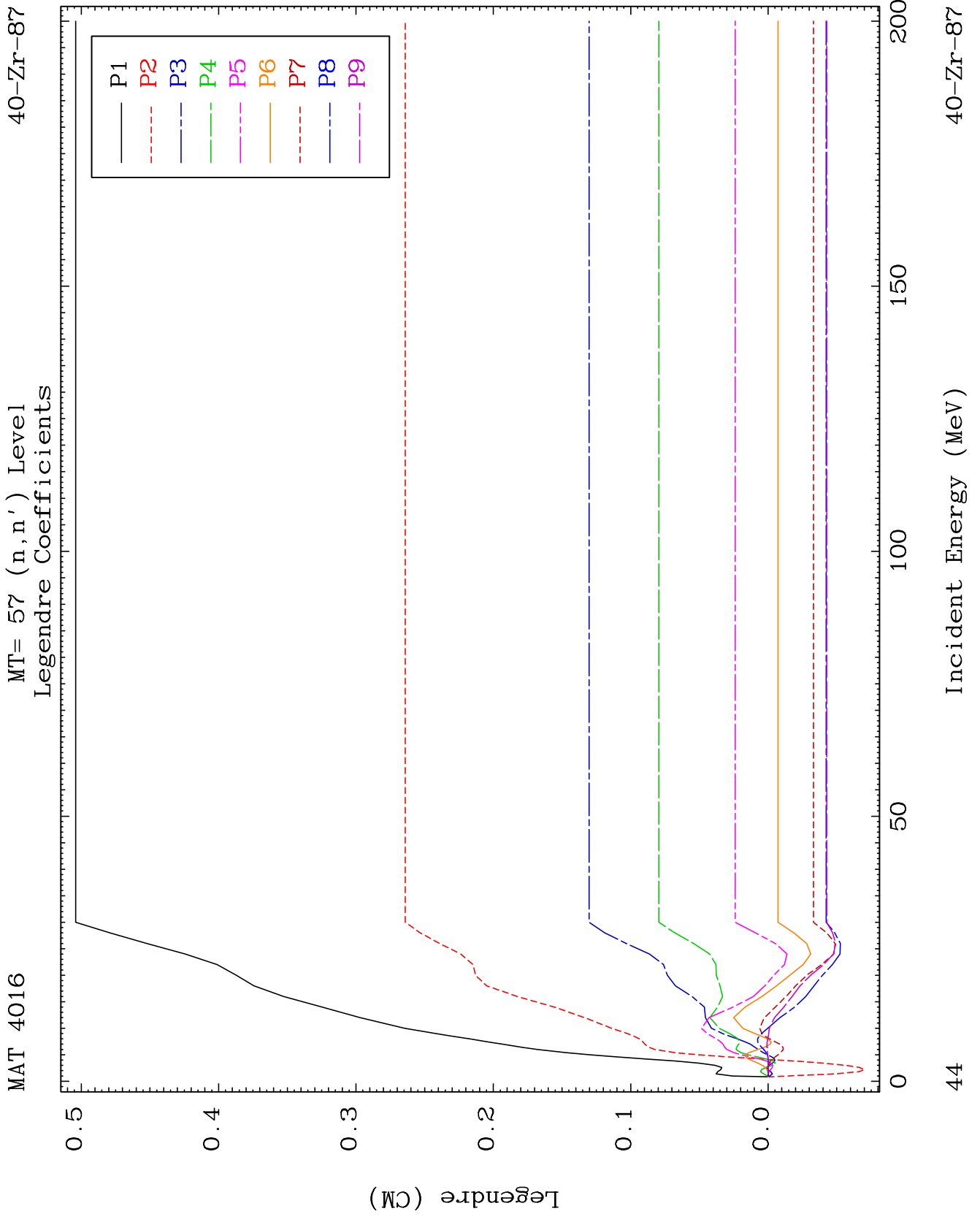


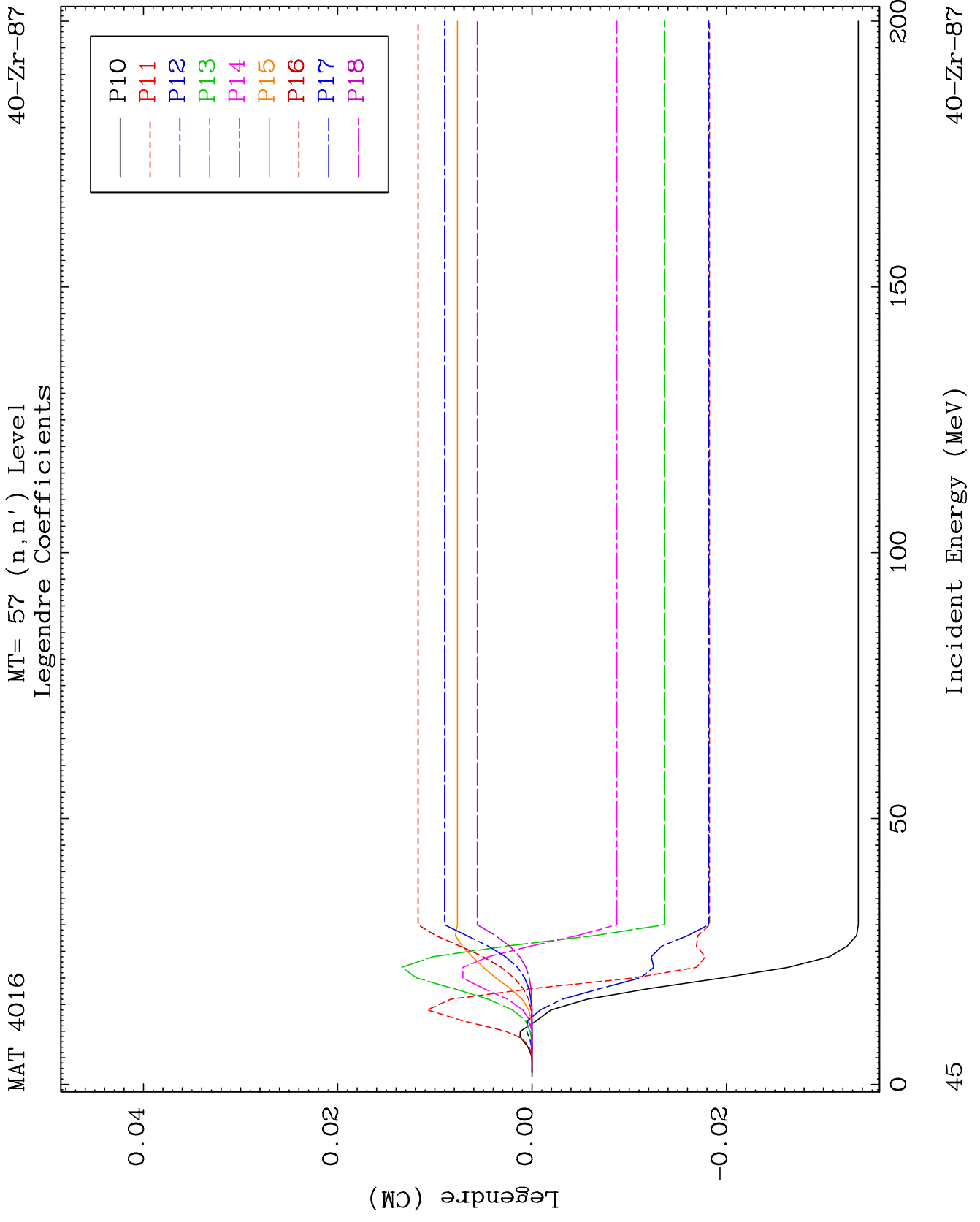


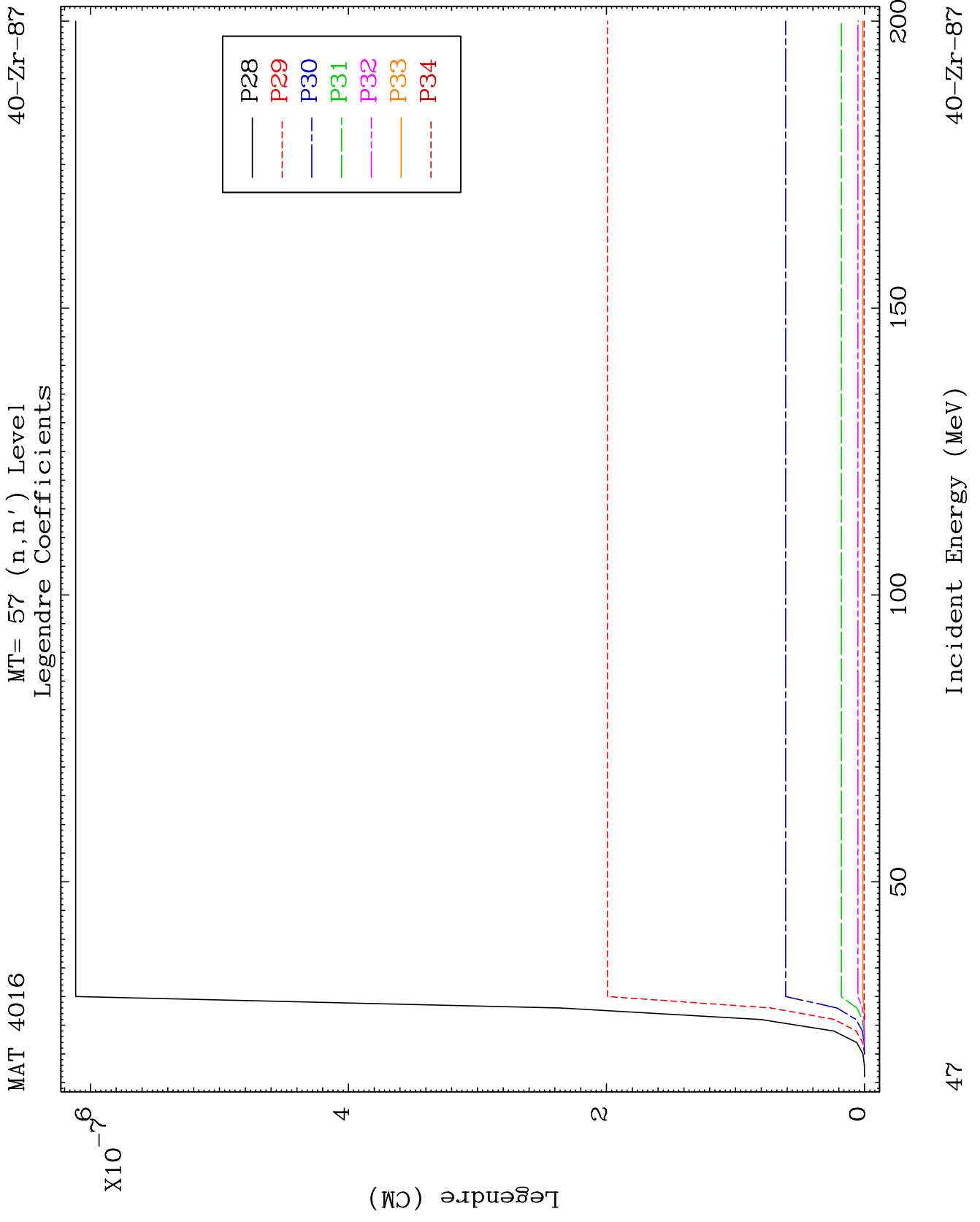


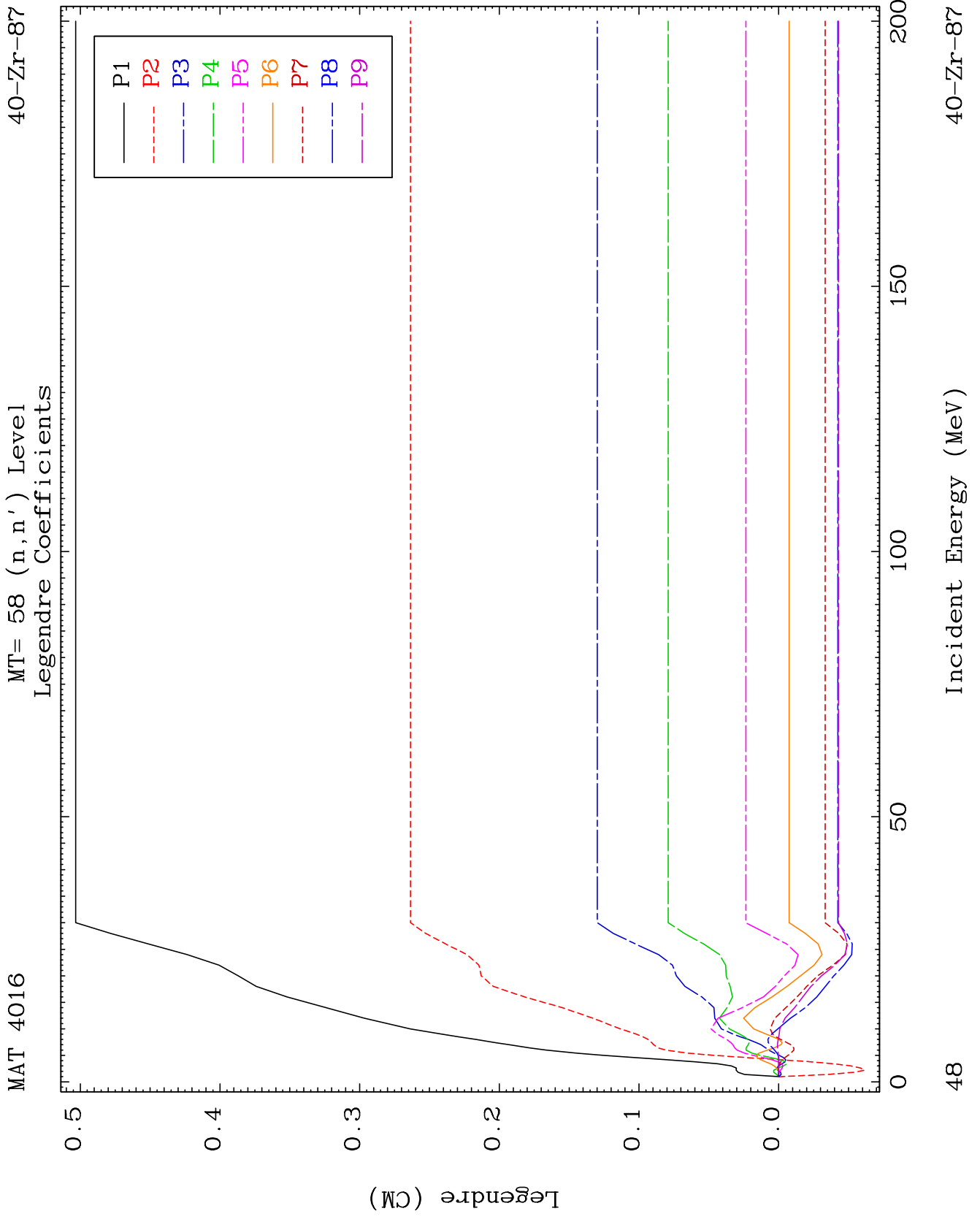


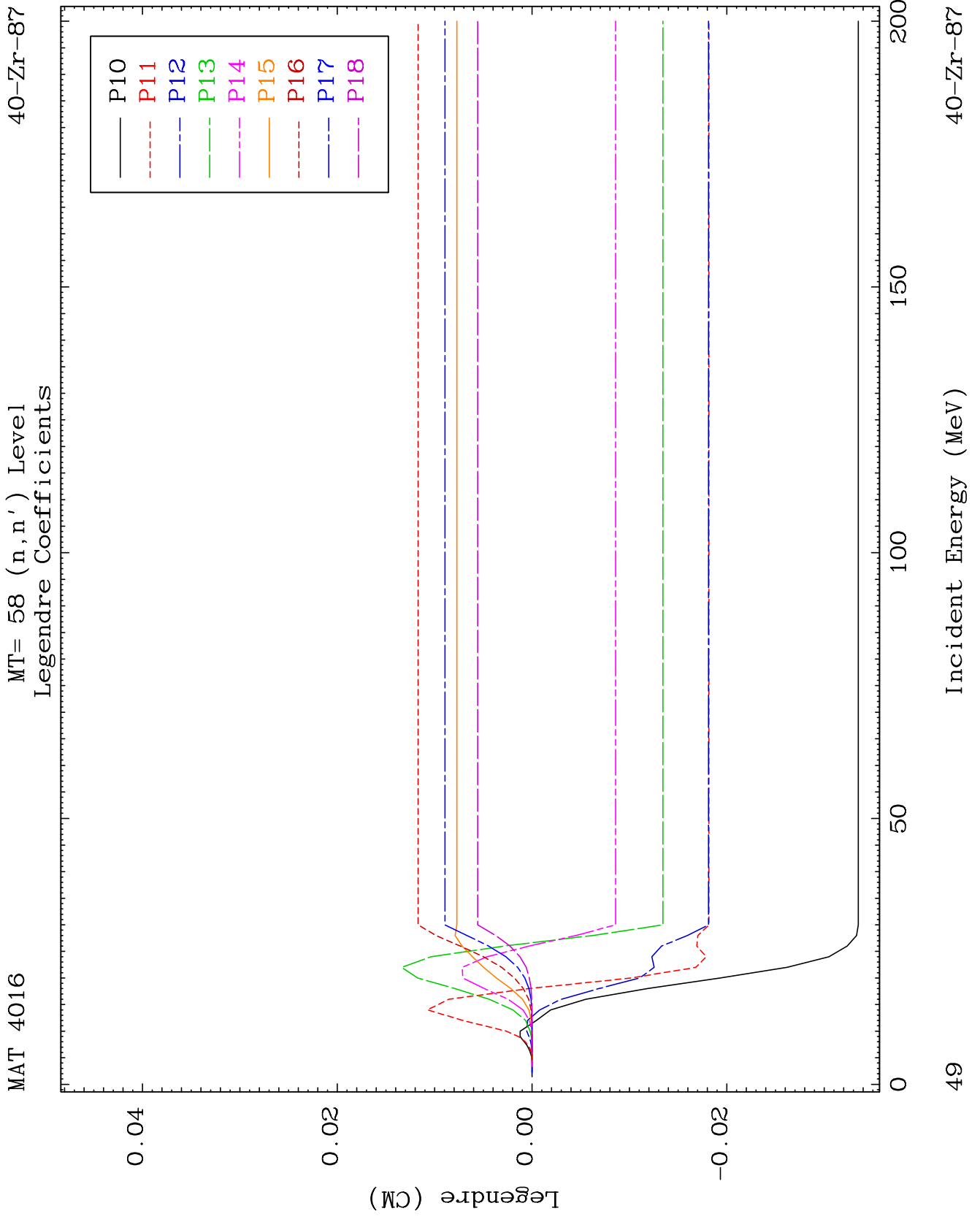


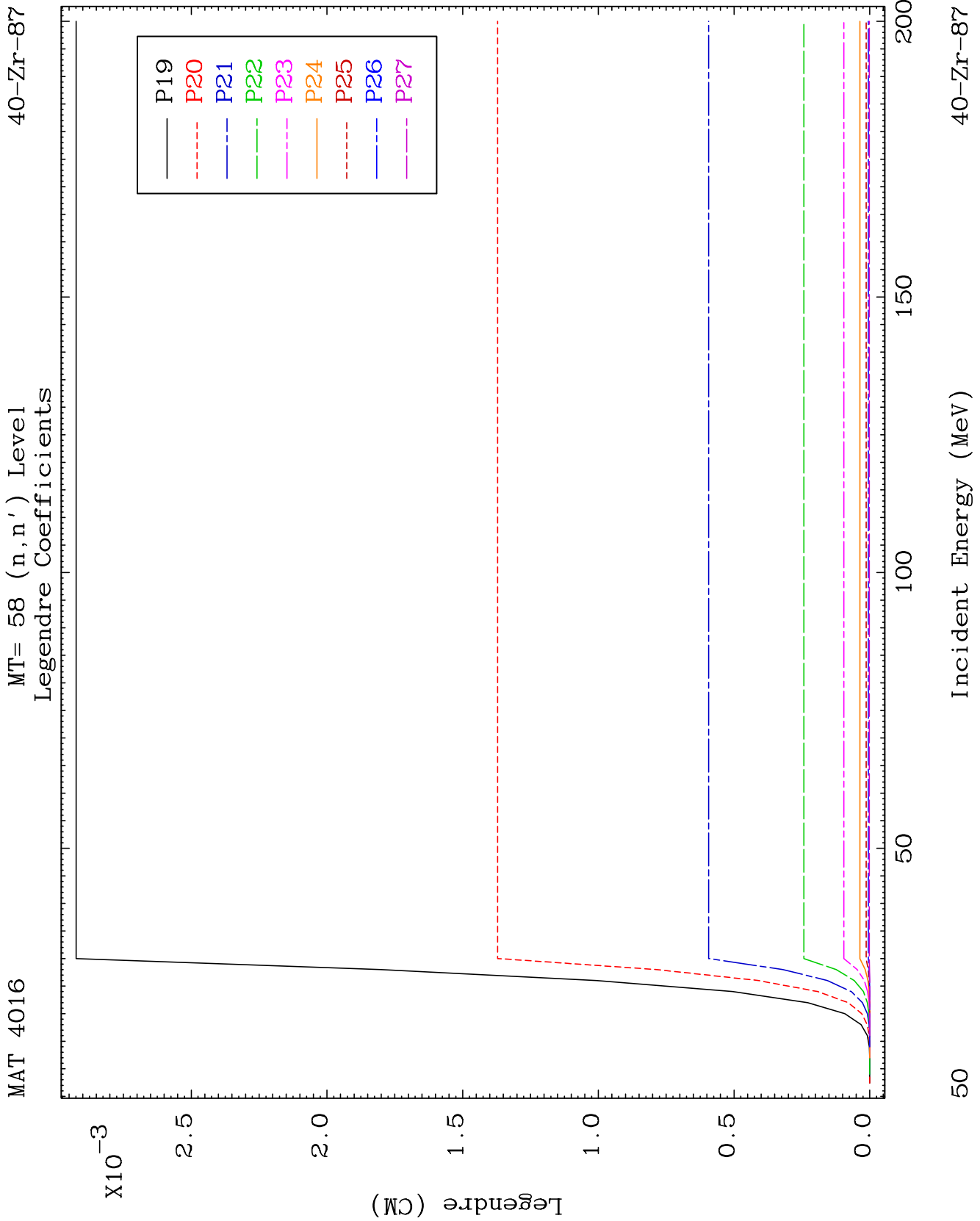


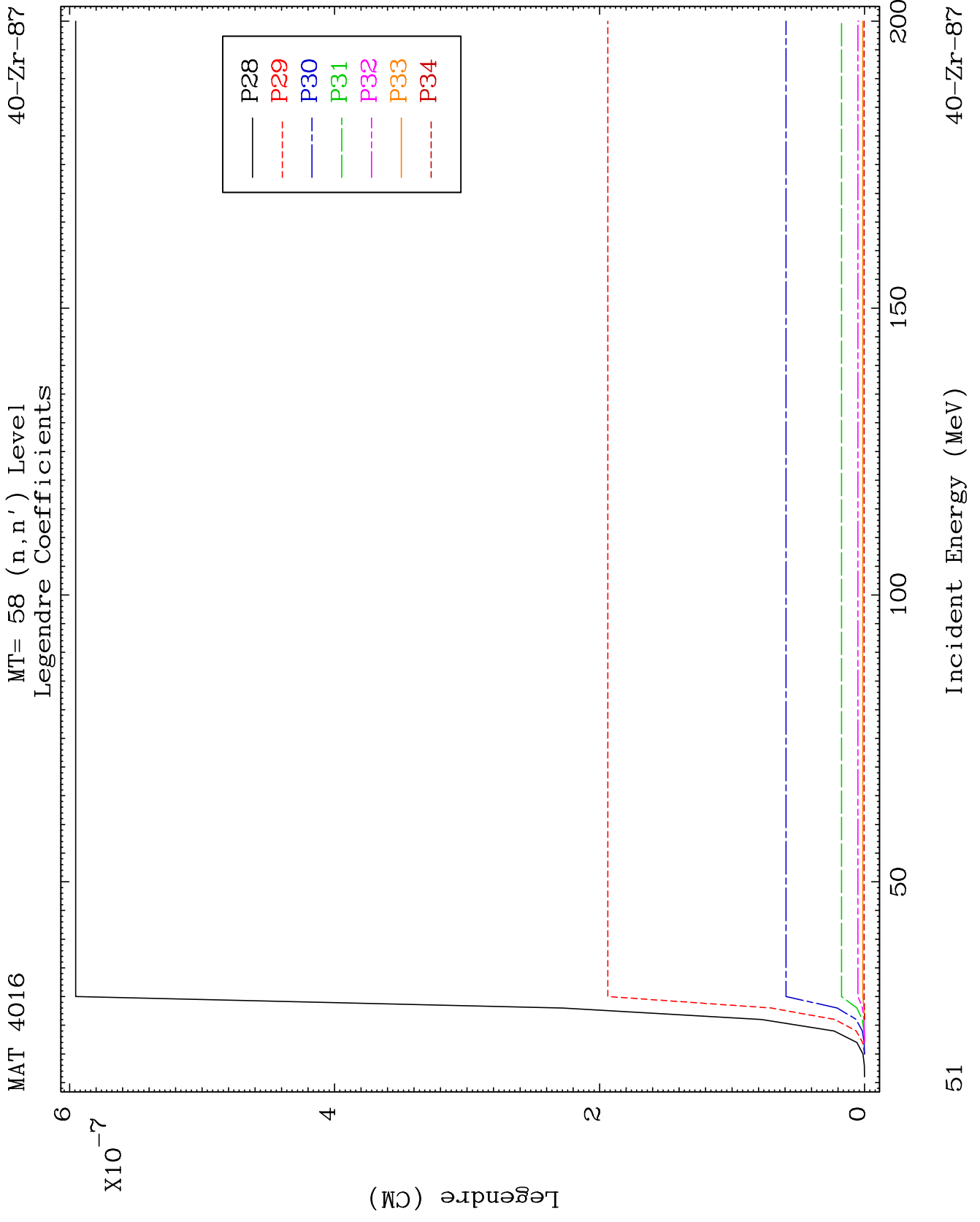


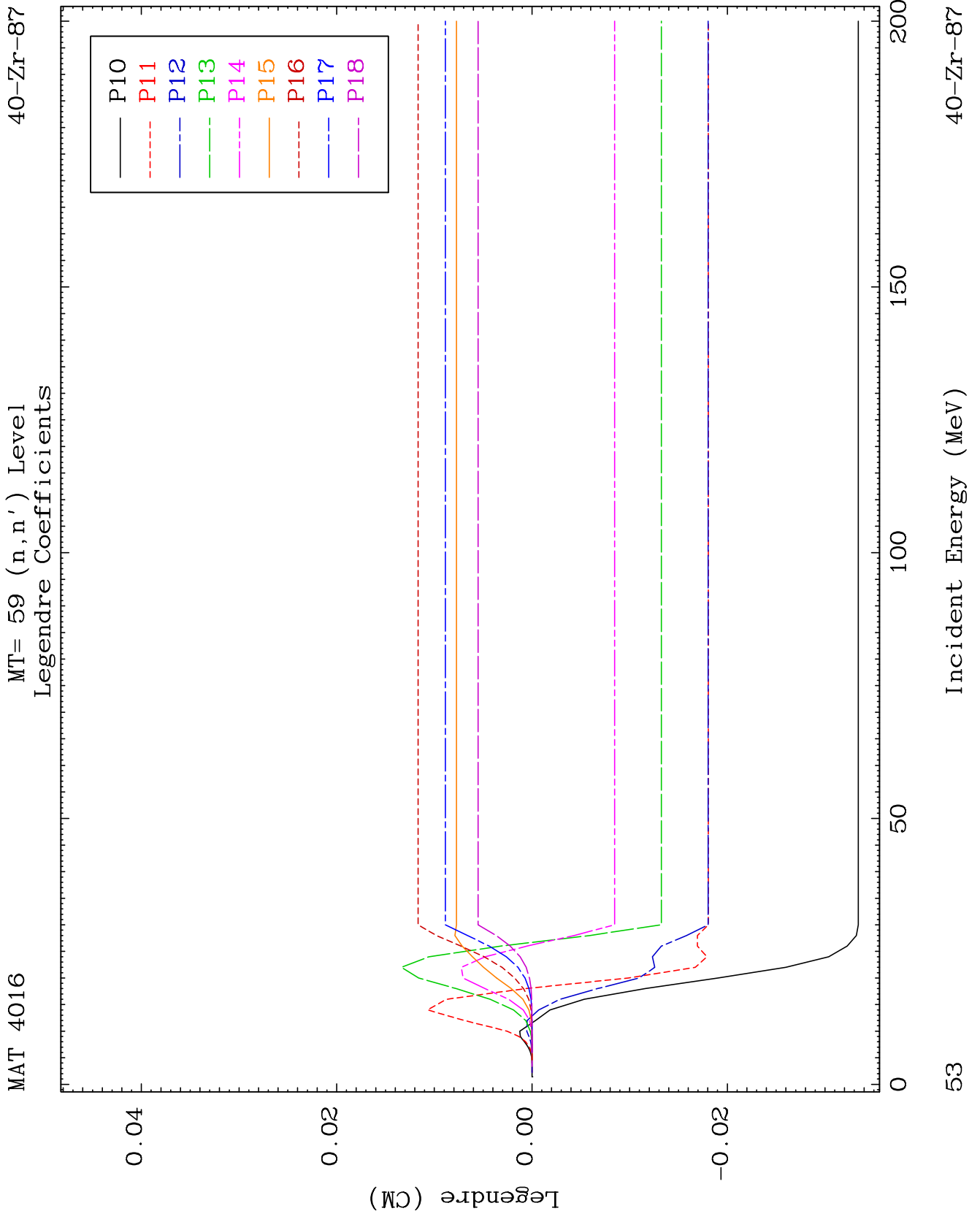


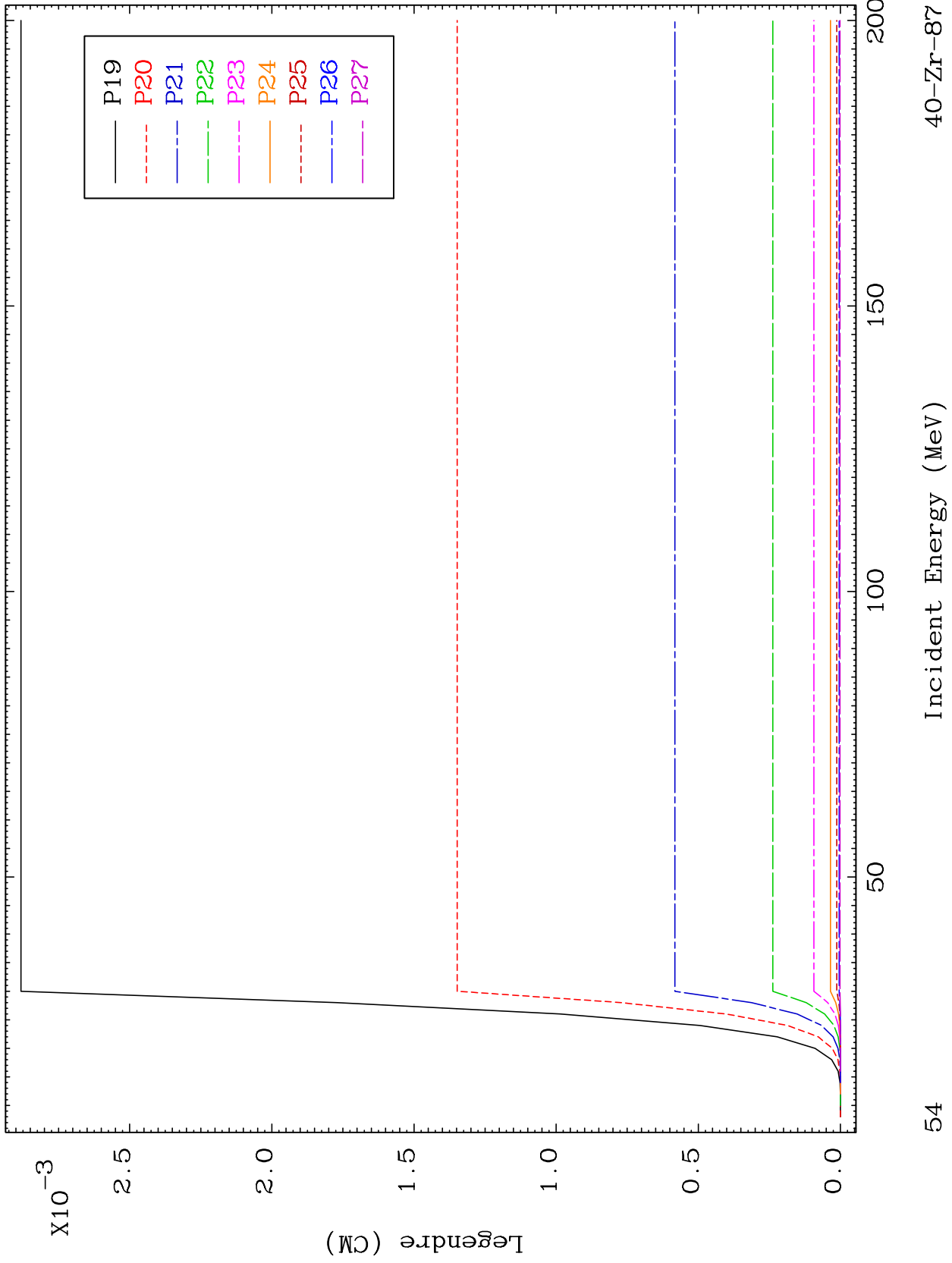








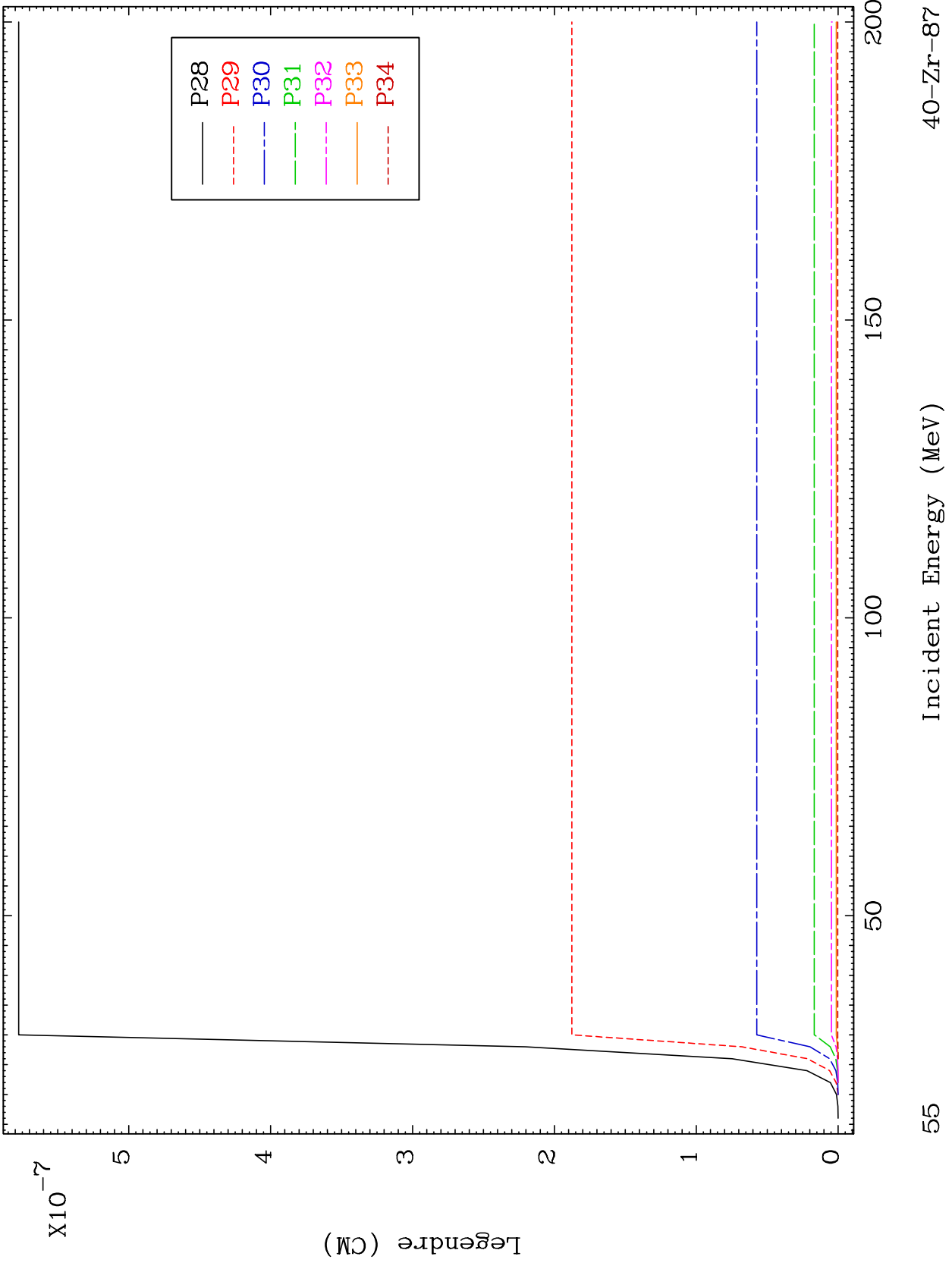




MAT 4016

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

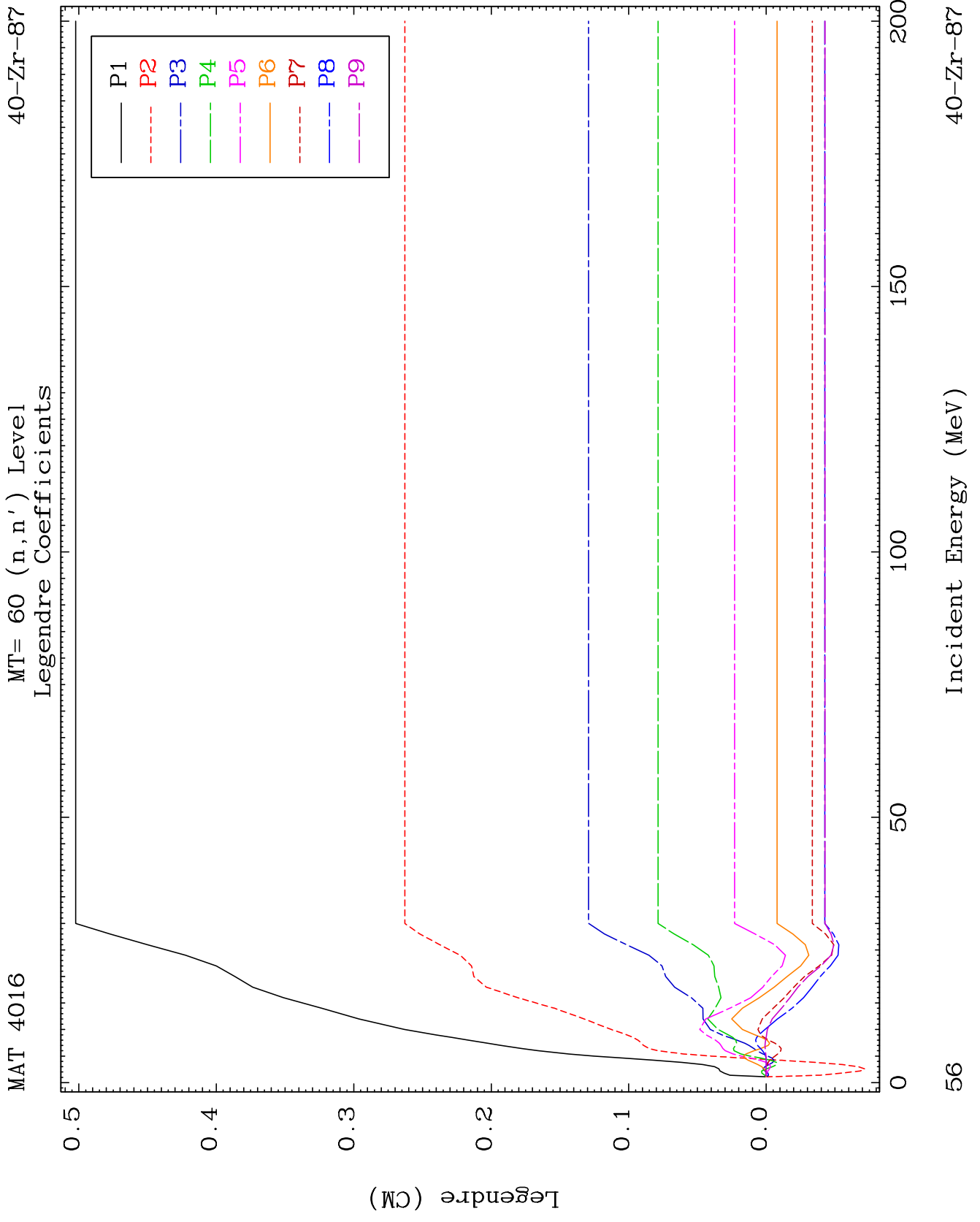
40-Zr-87

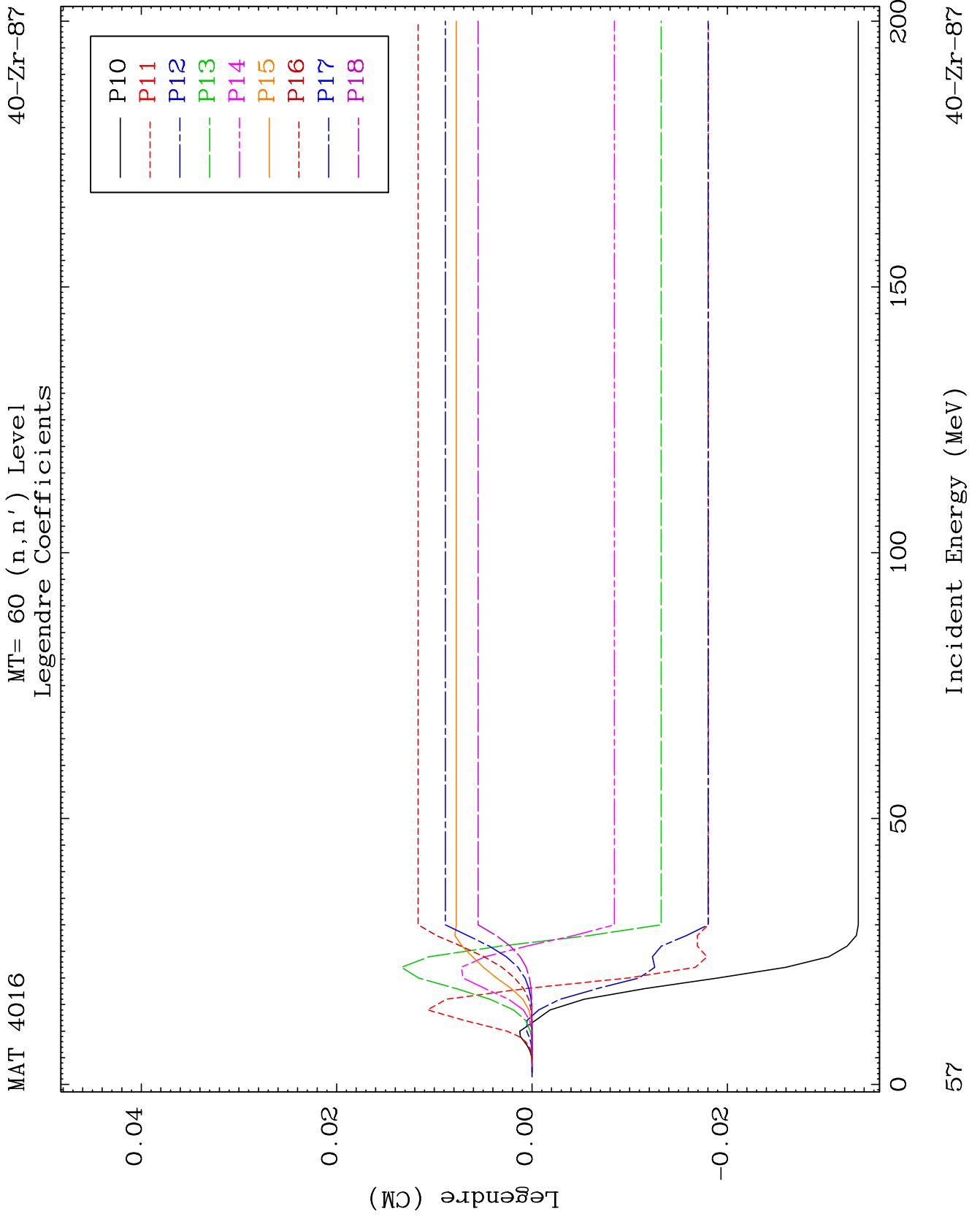


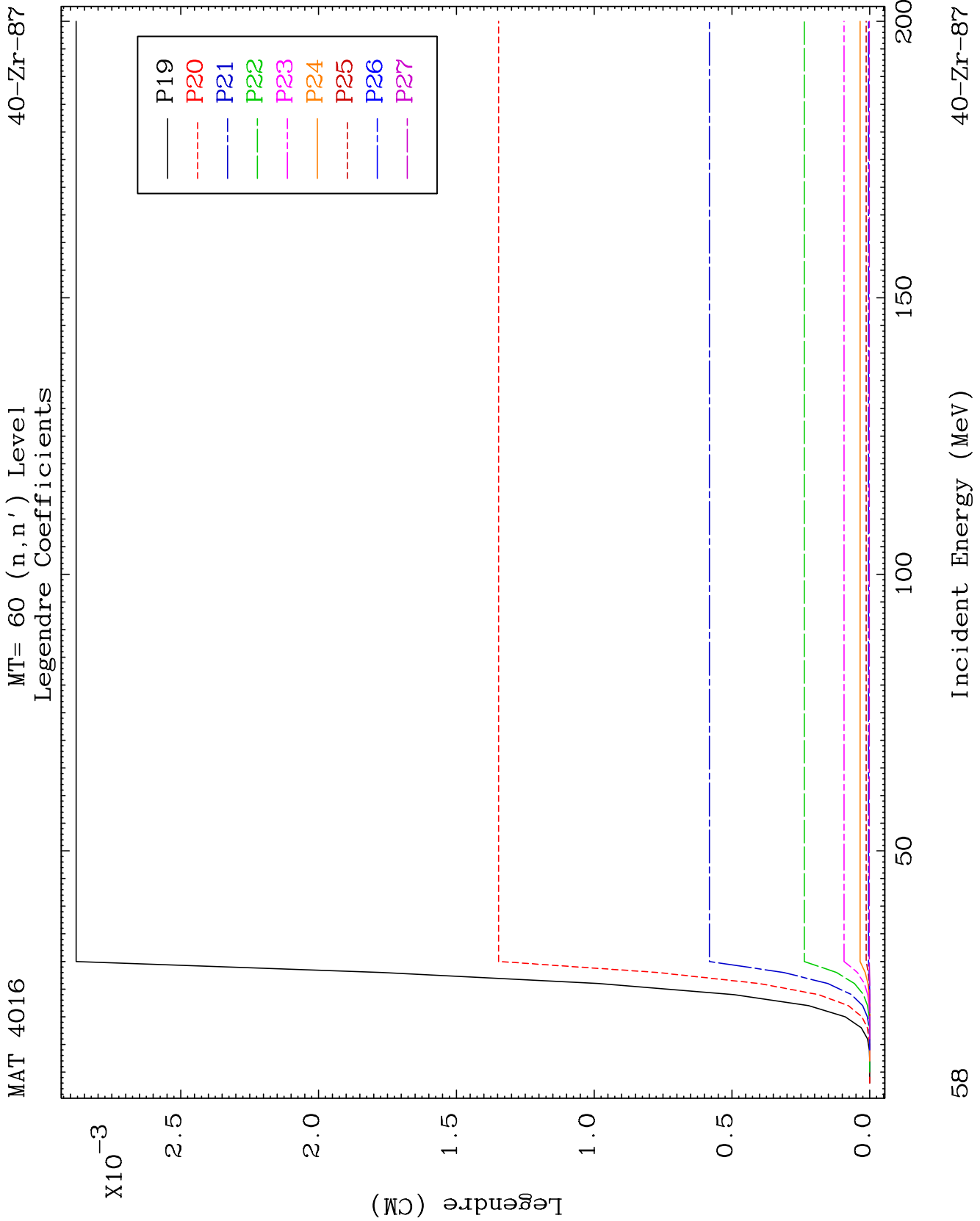
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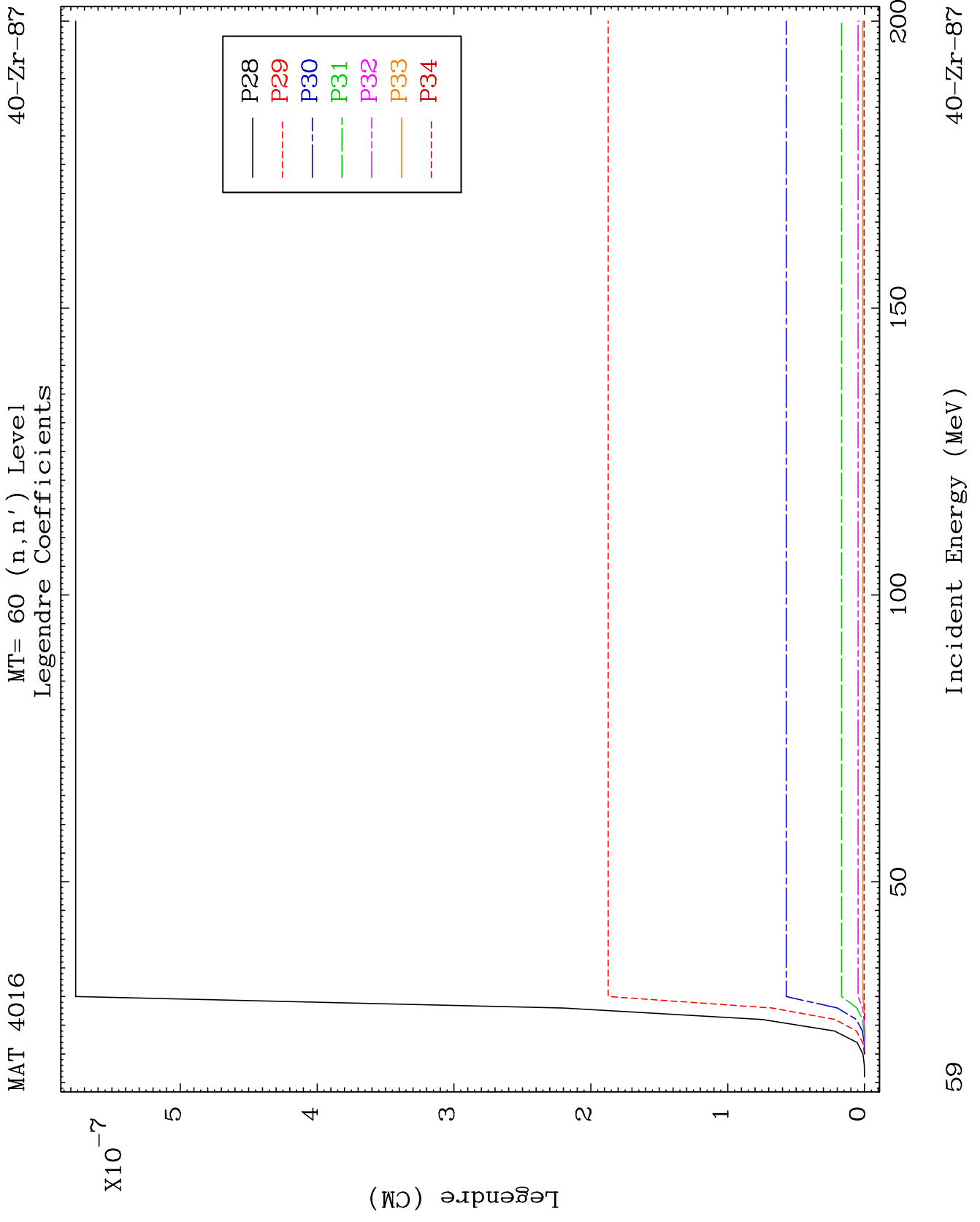
Incident Energy (MeV)

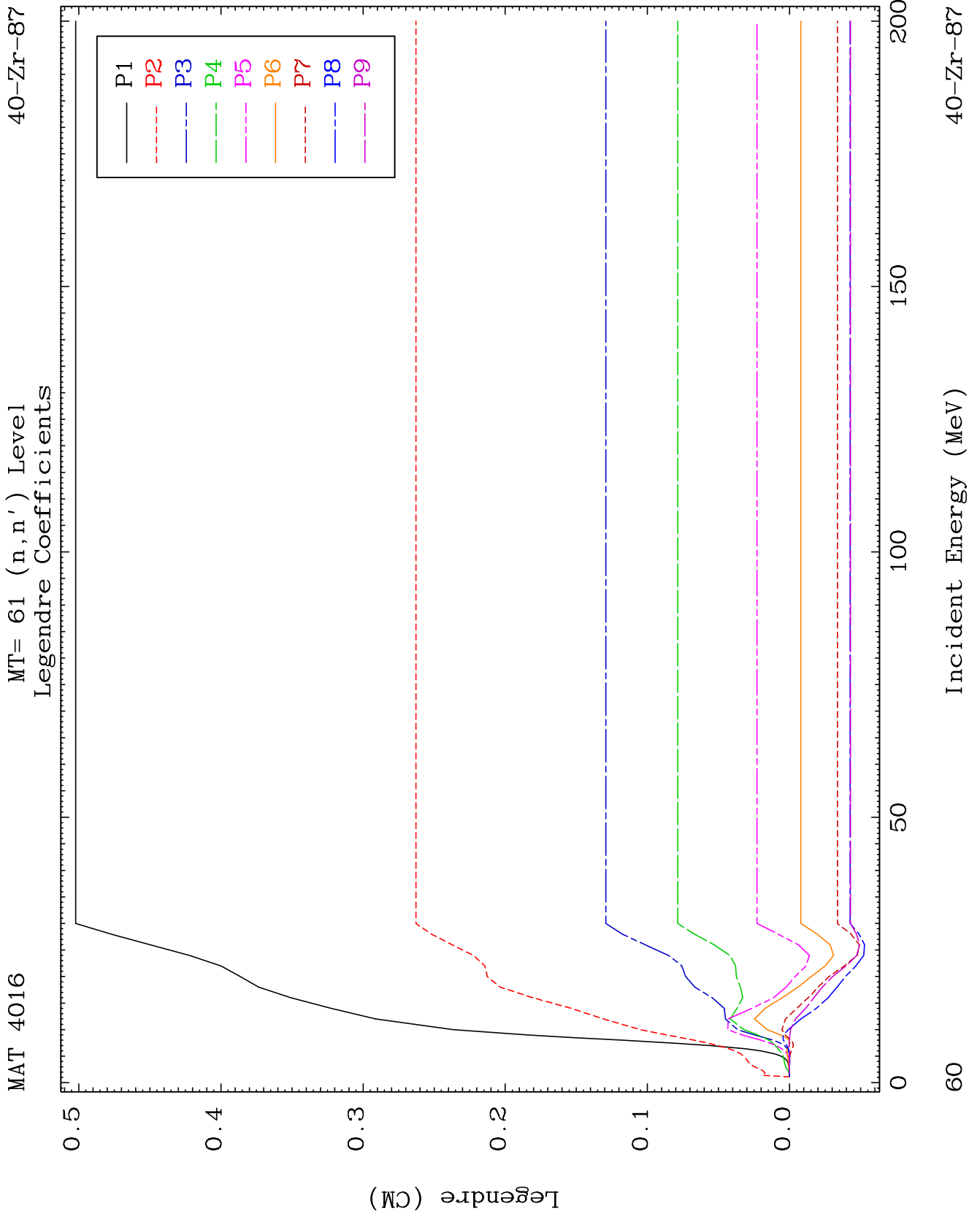
40-Zr-87

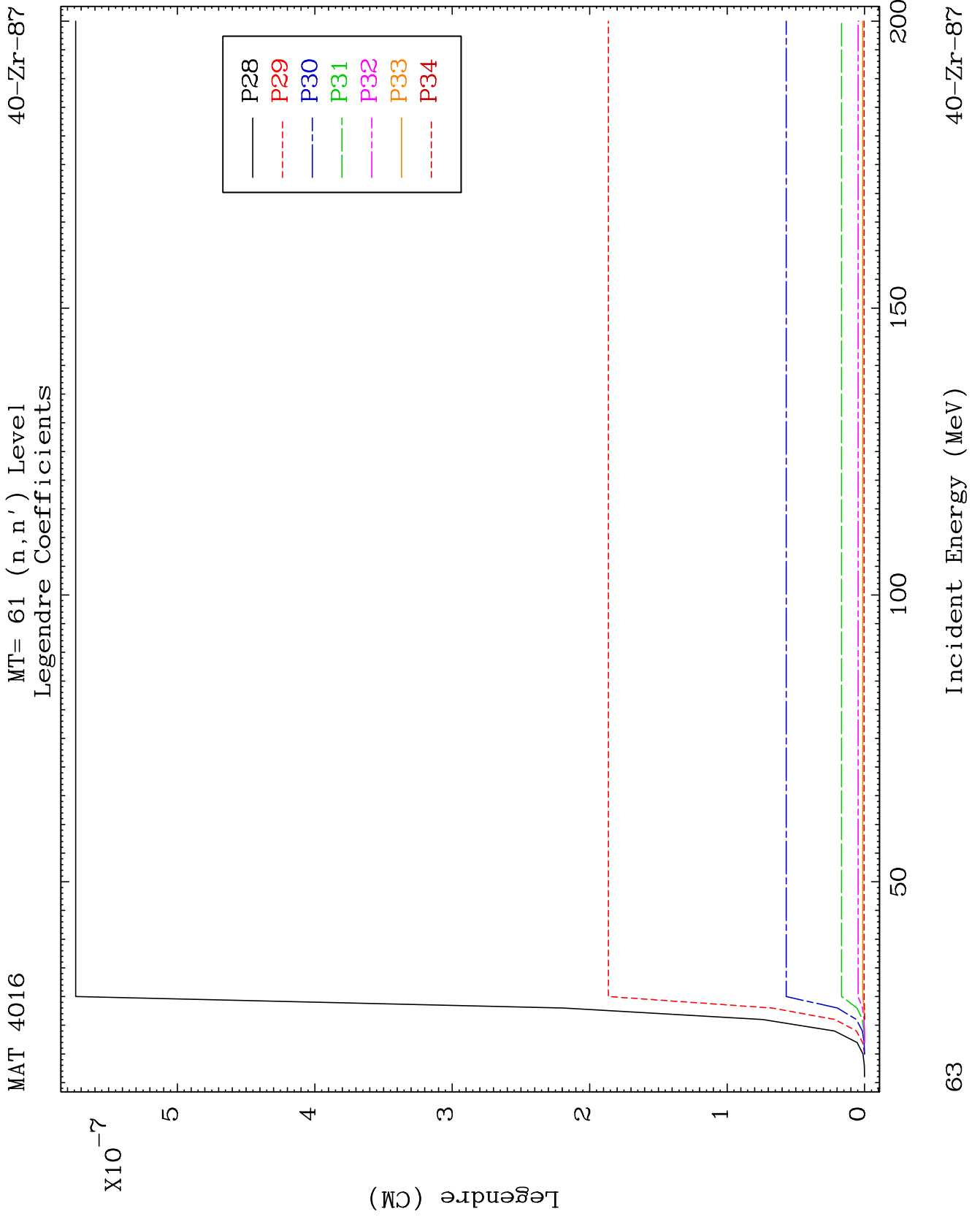


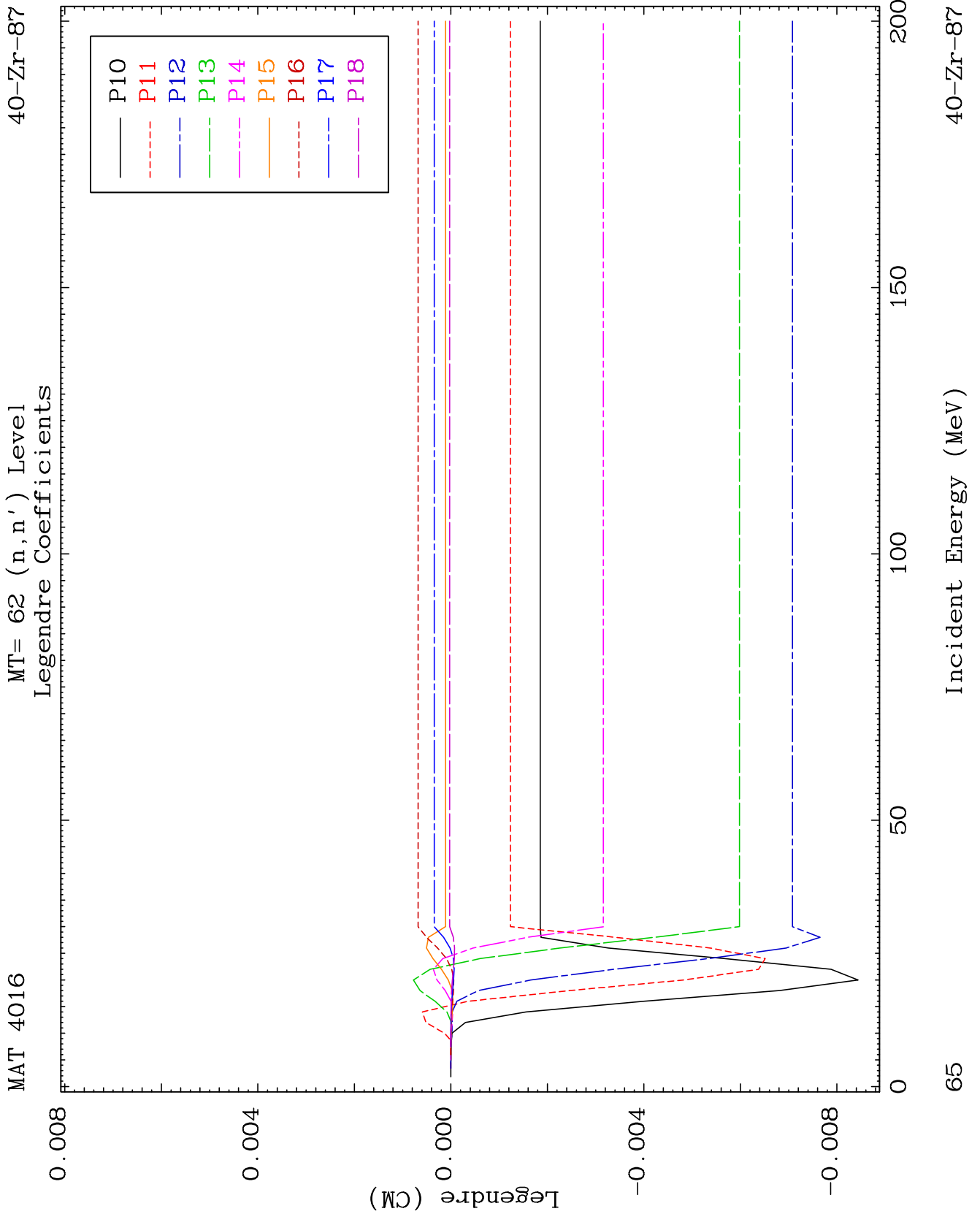


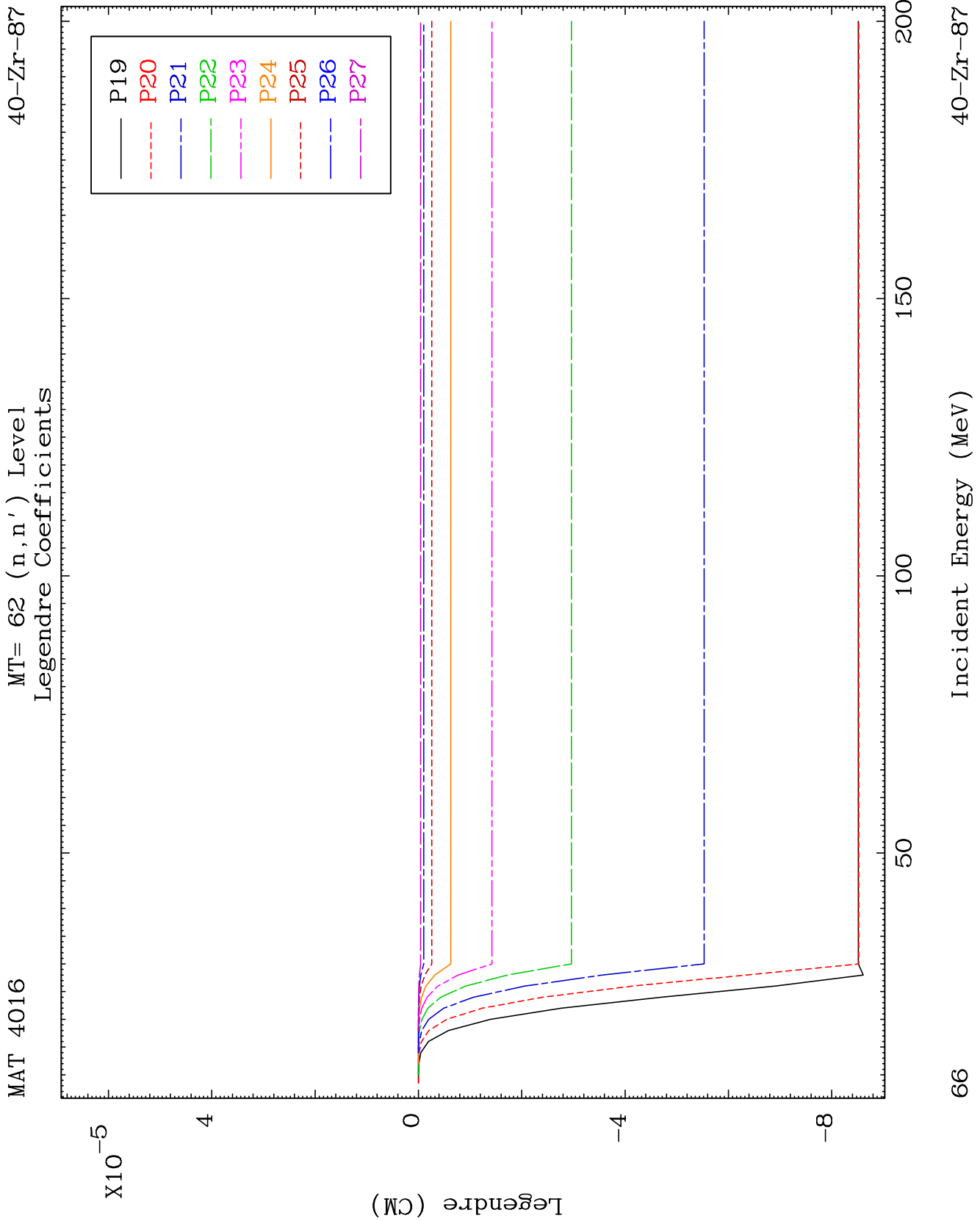


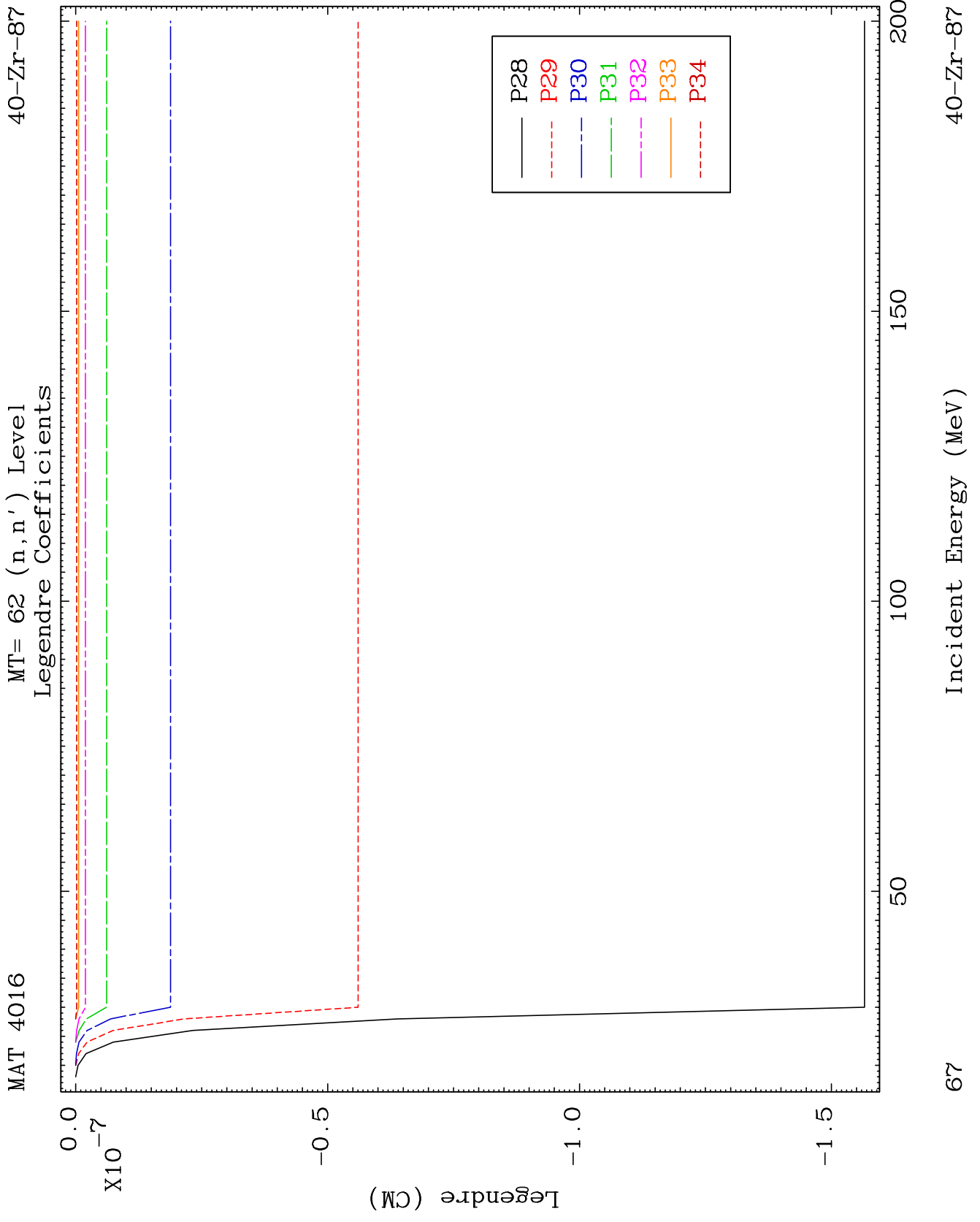


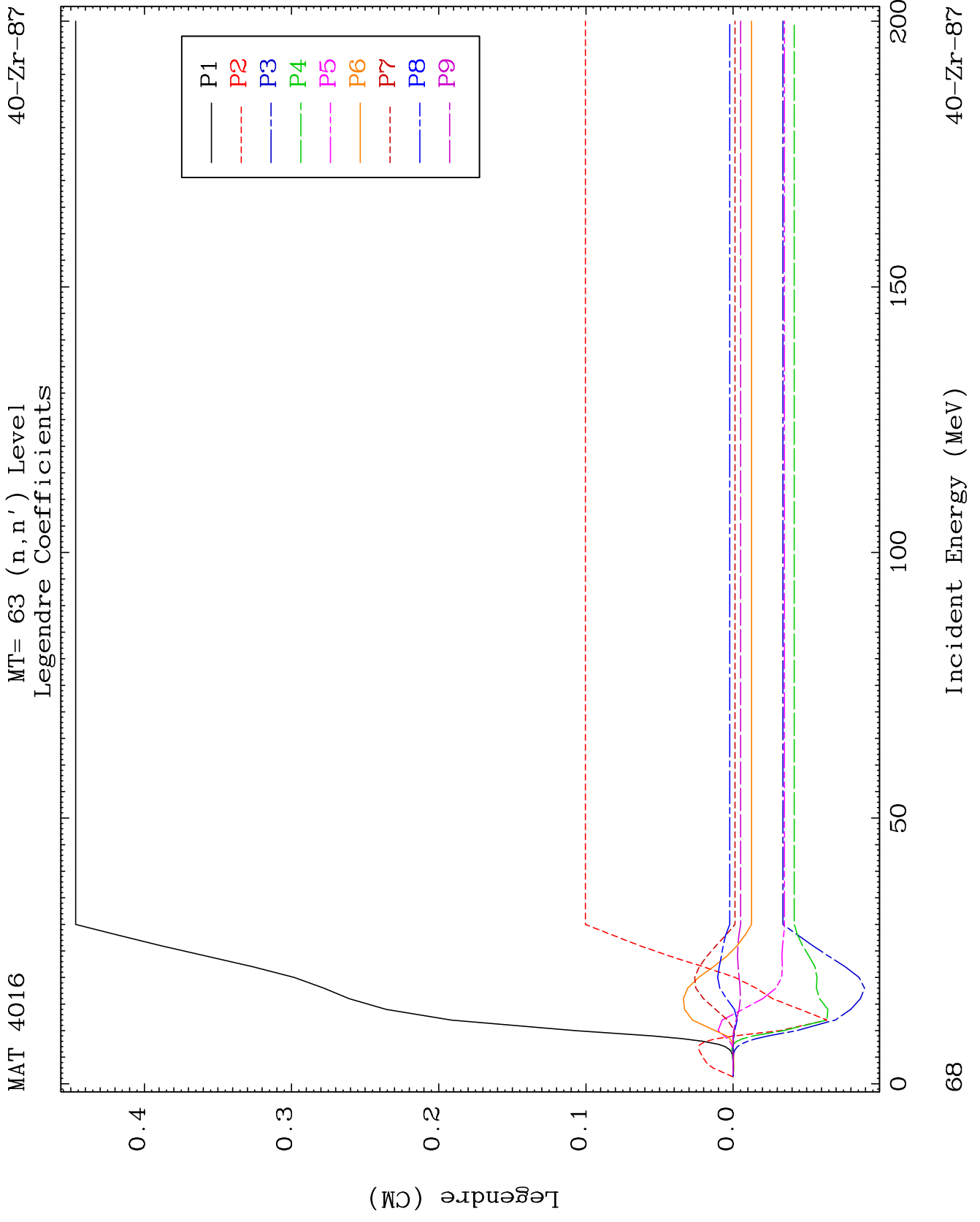


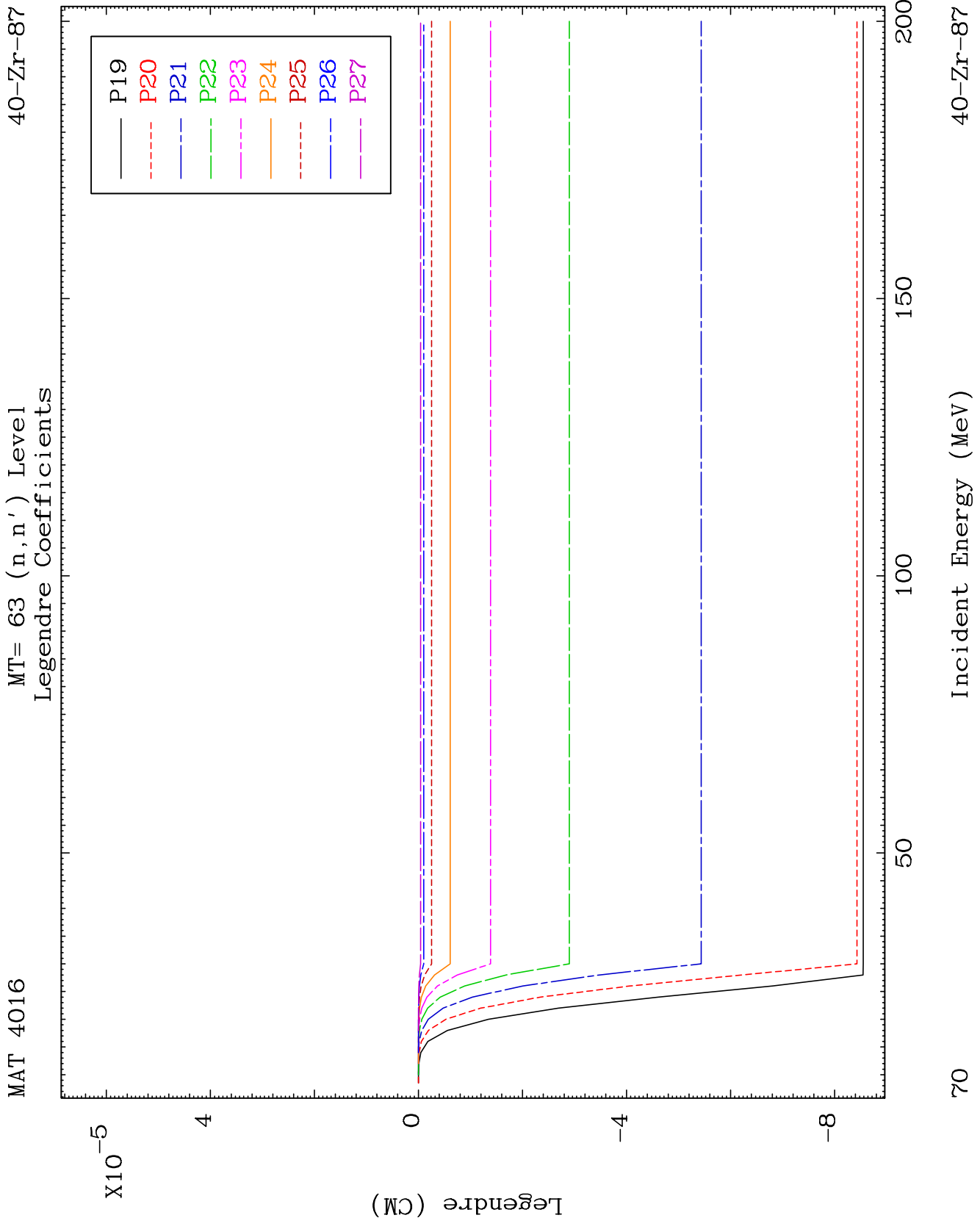


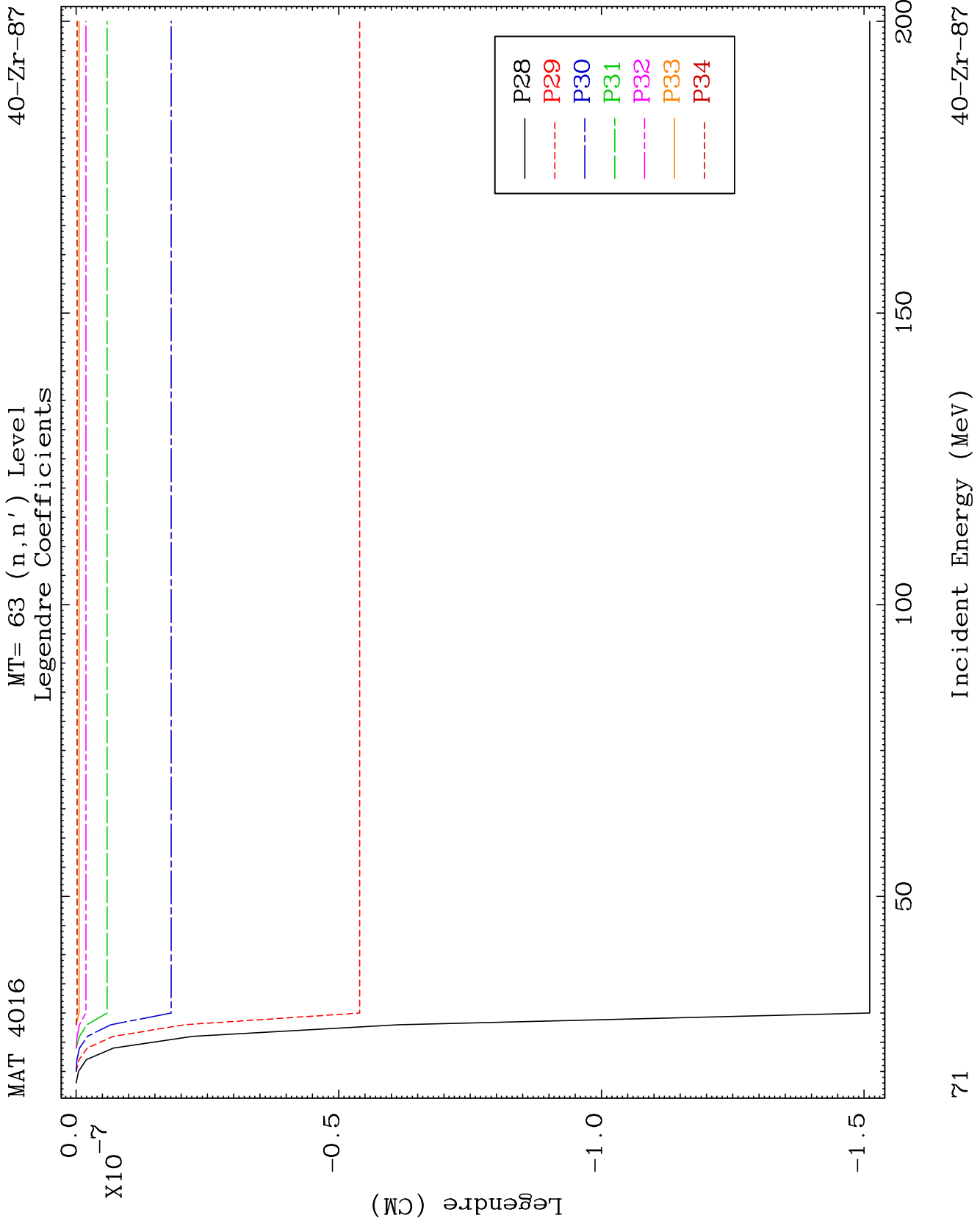


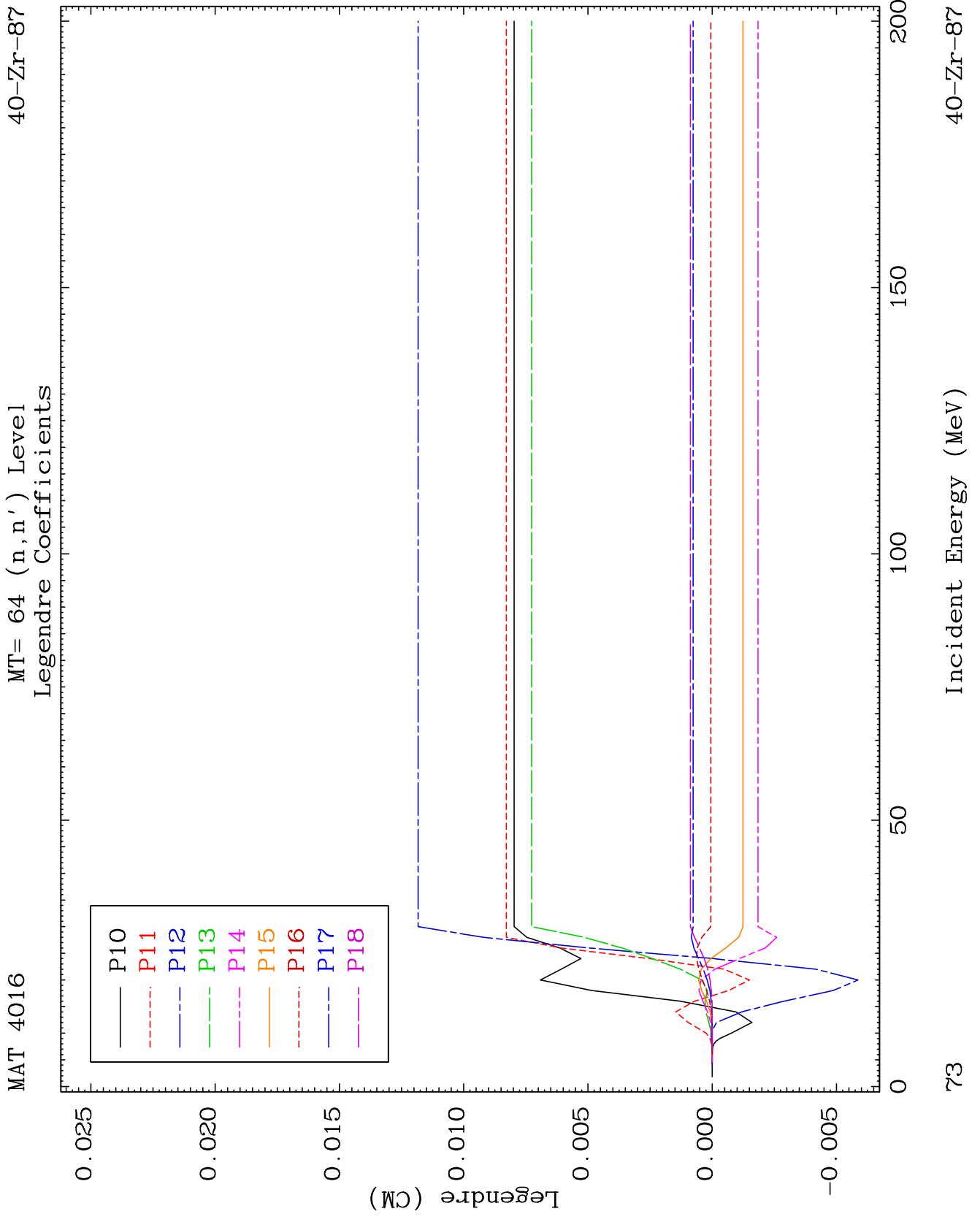


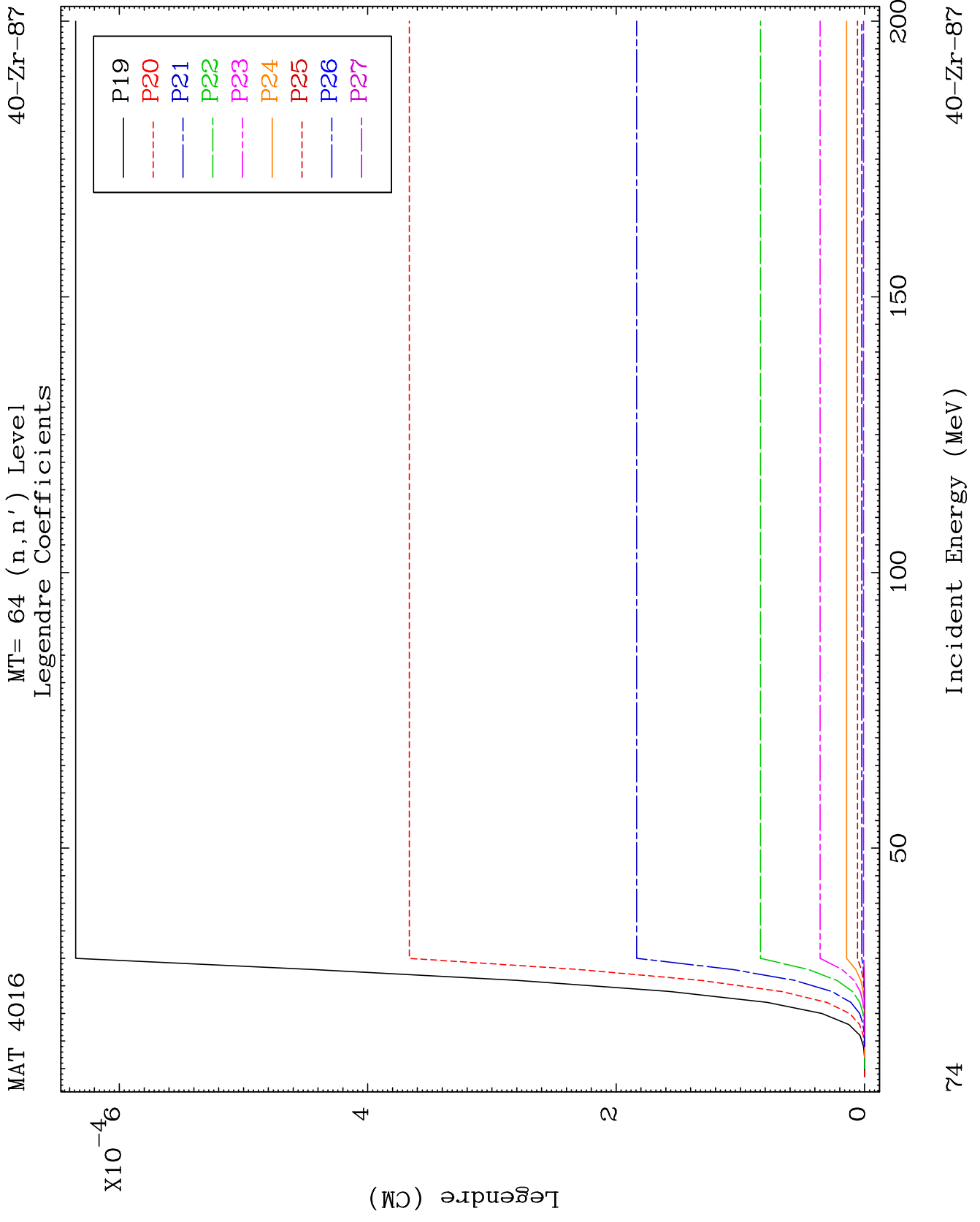


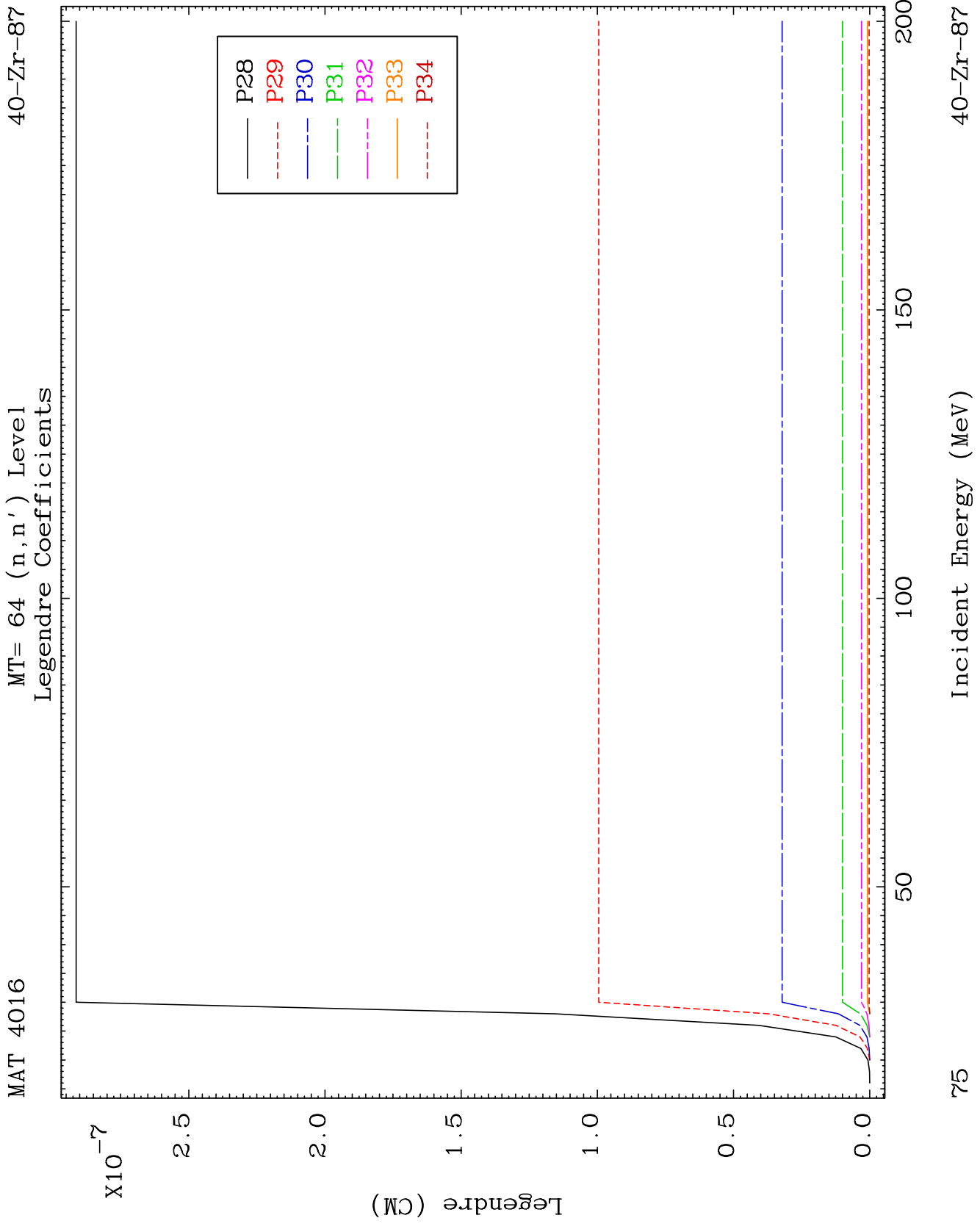


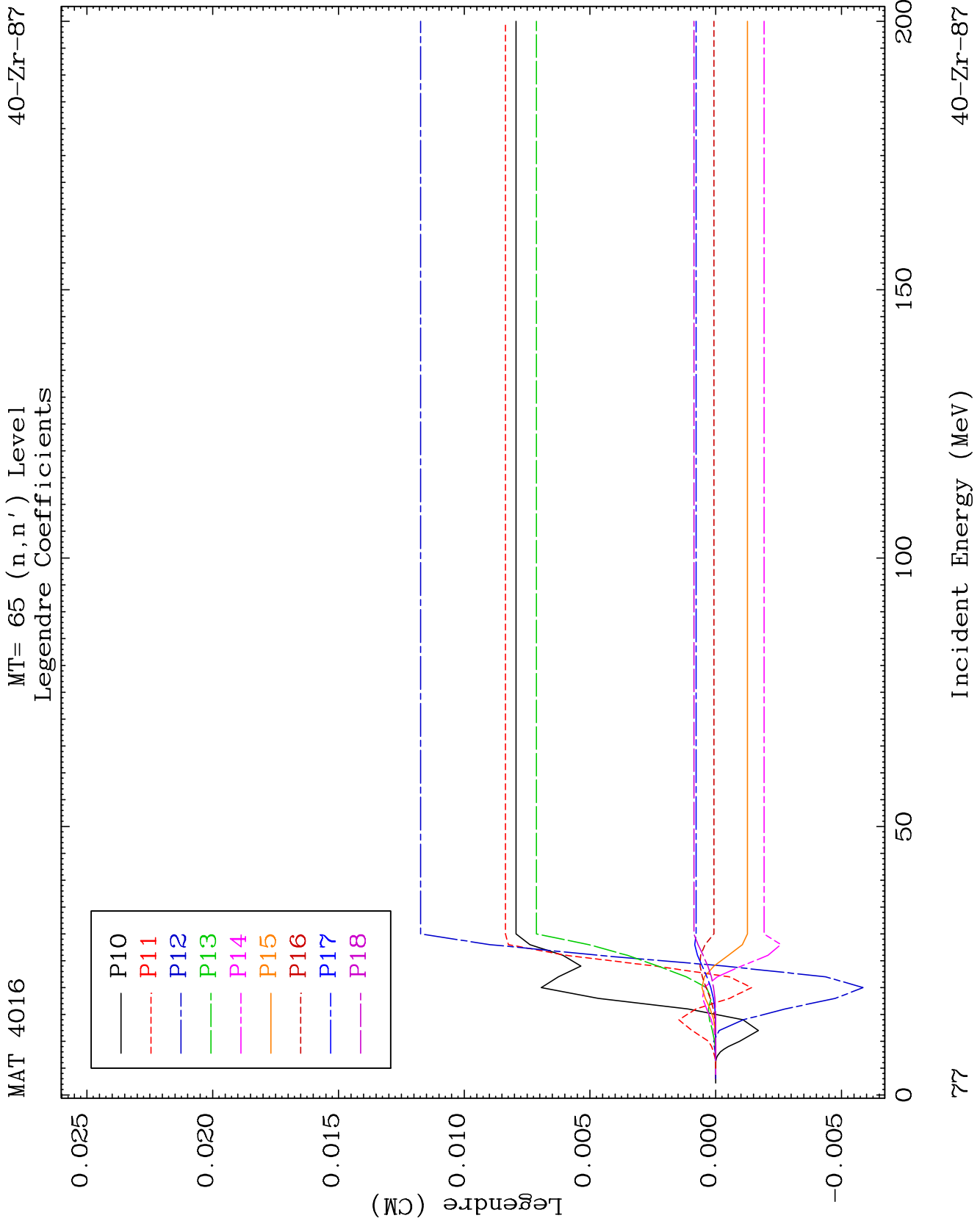


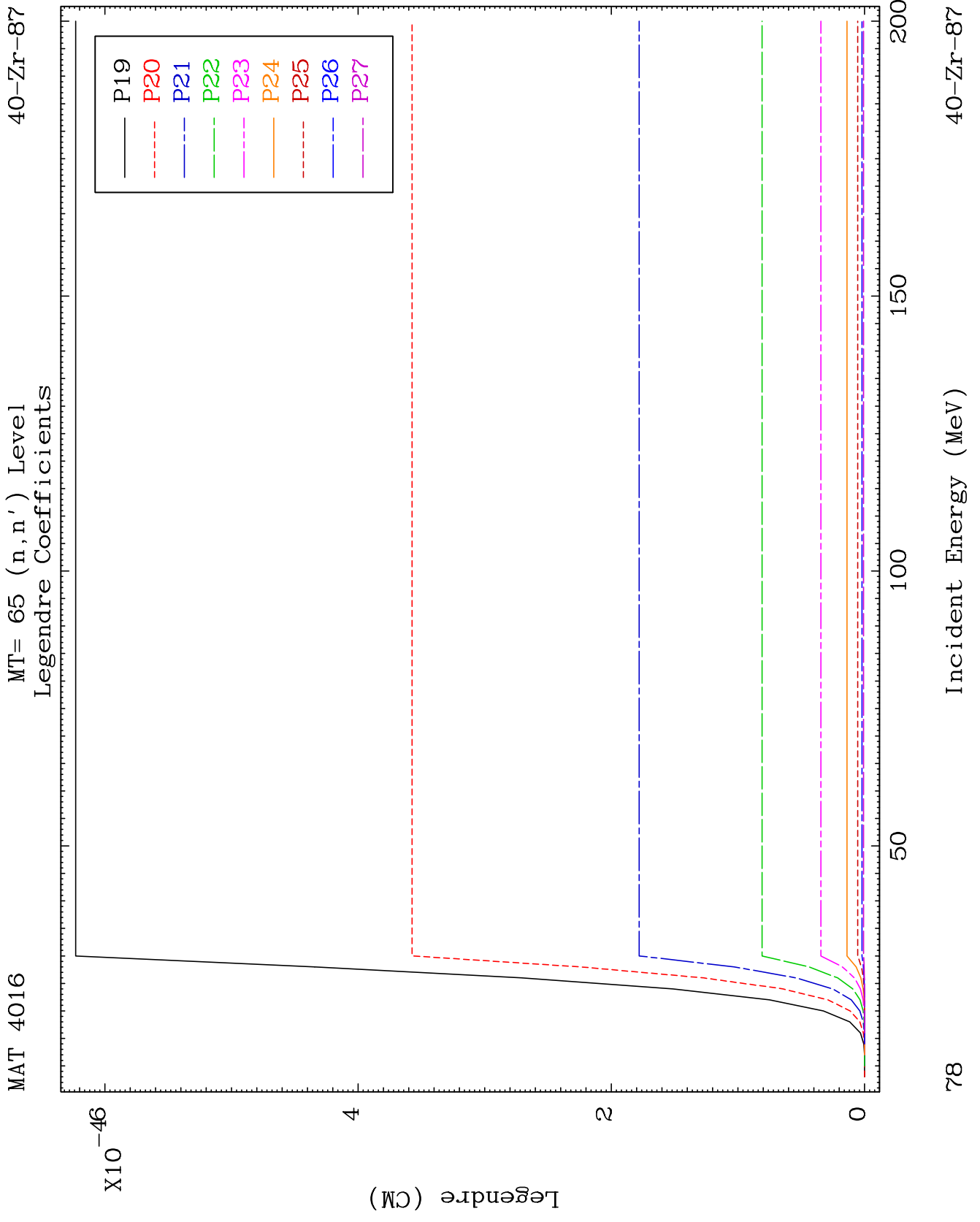


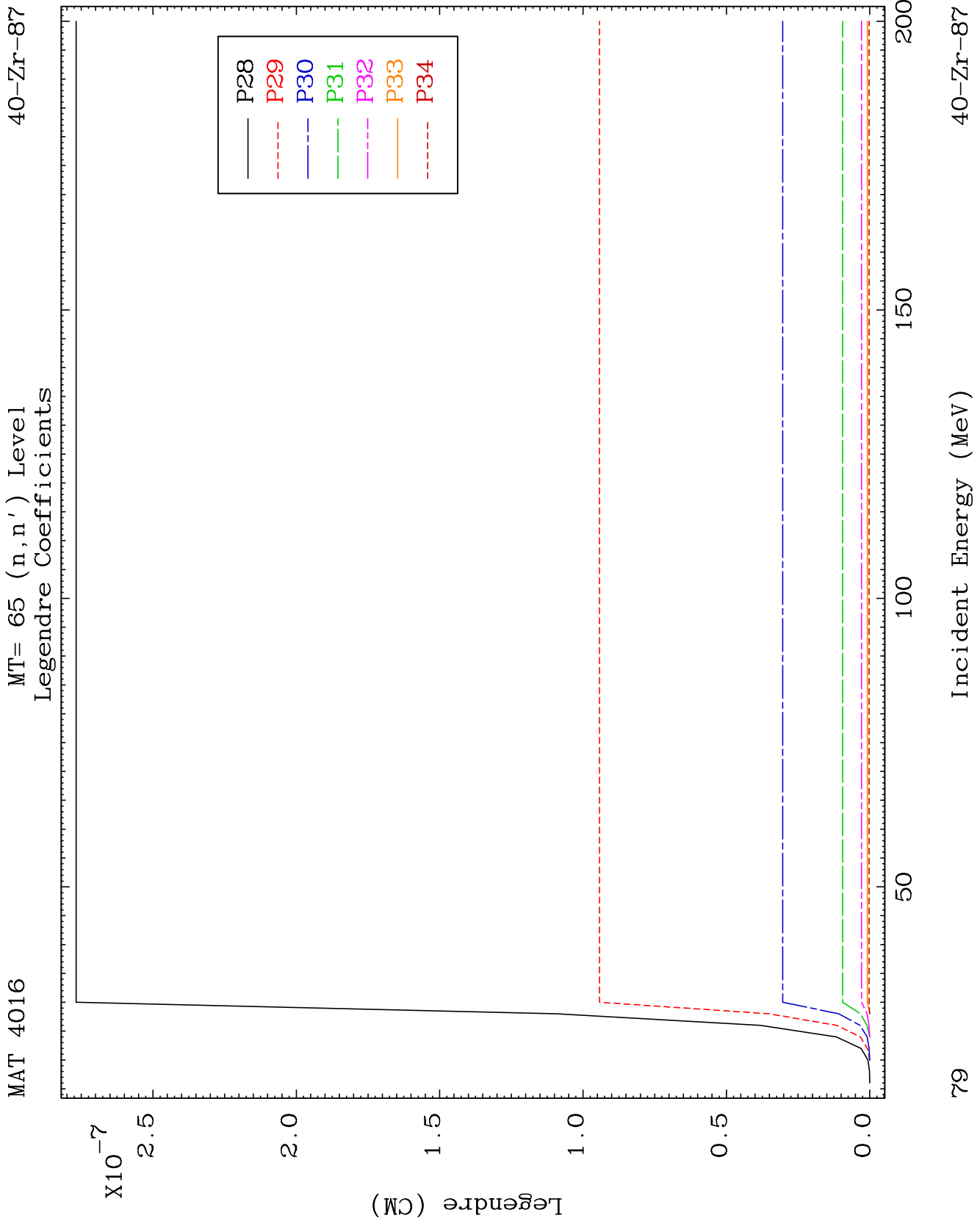


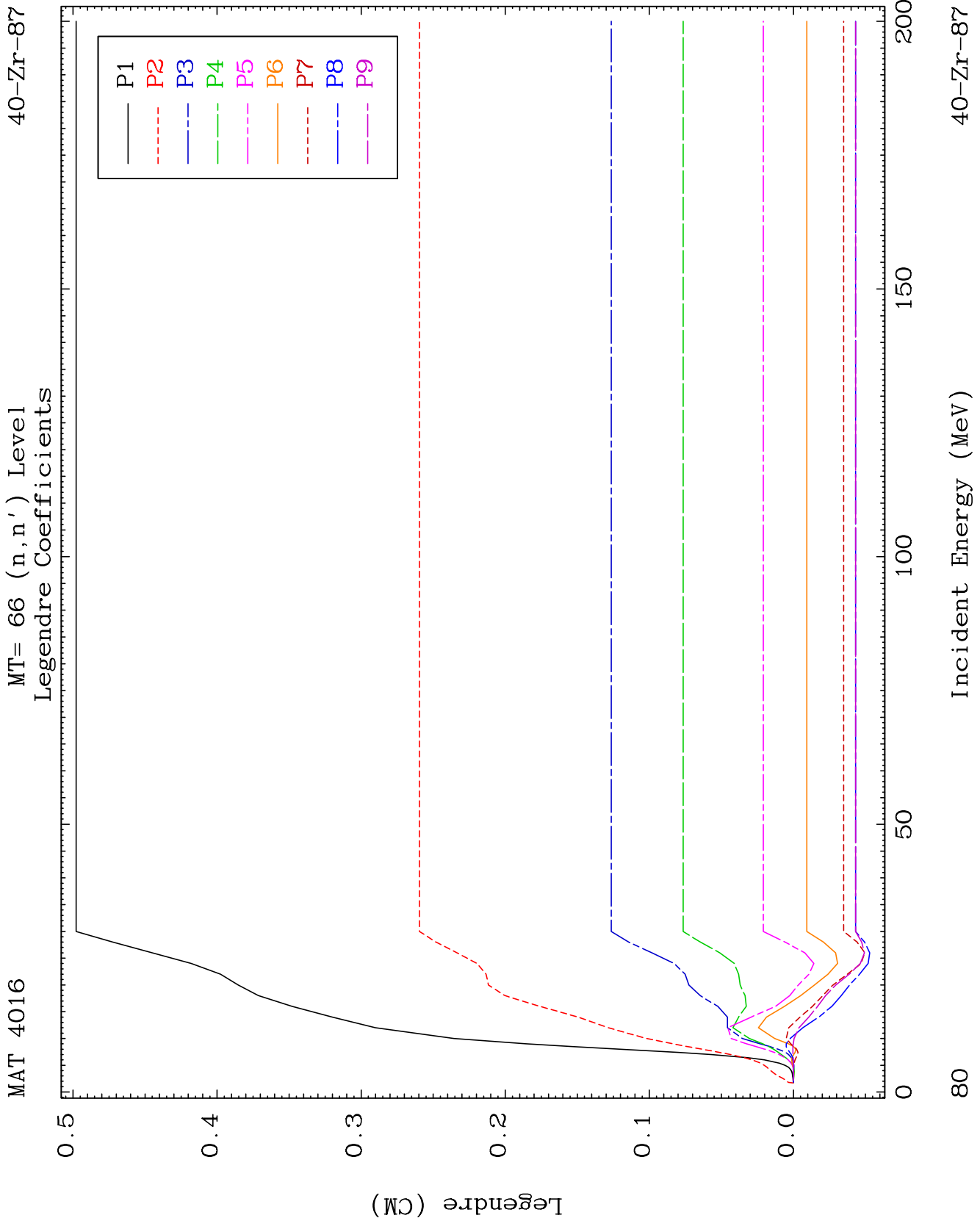


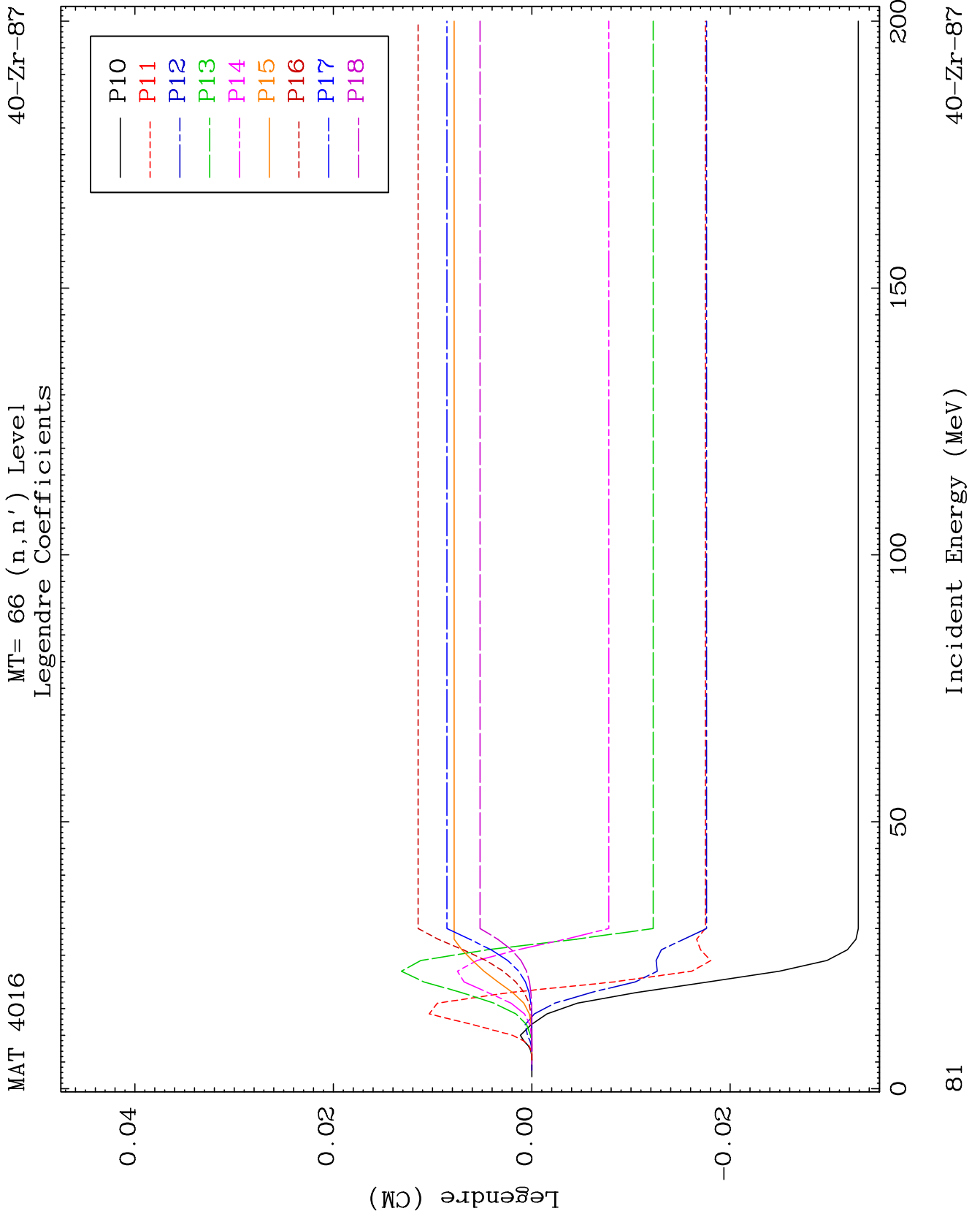


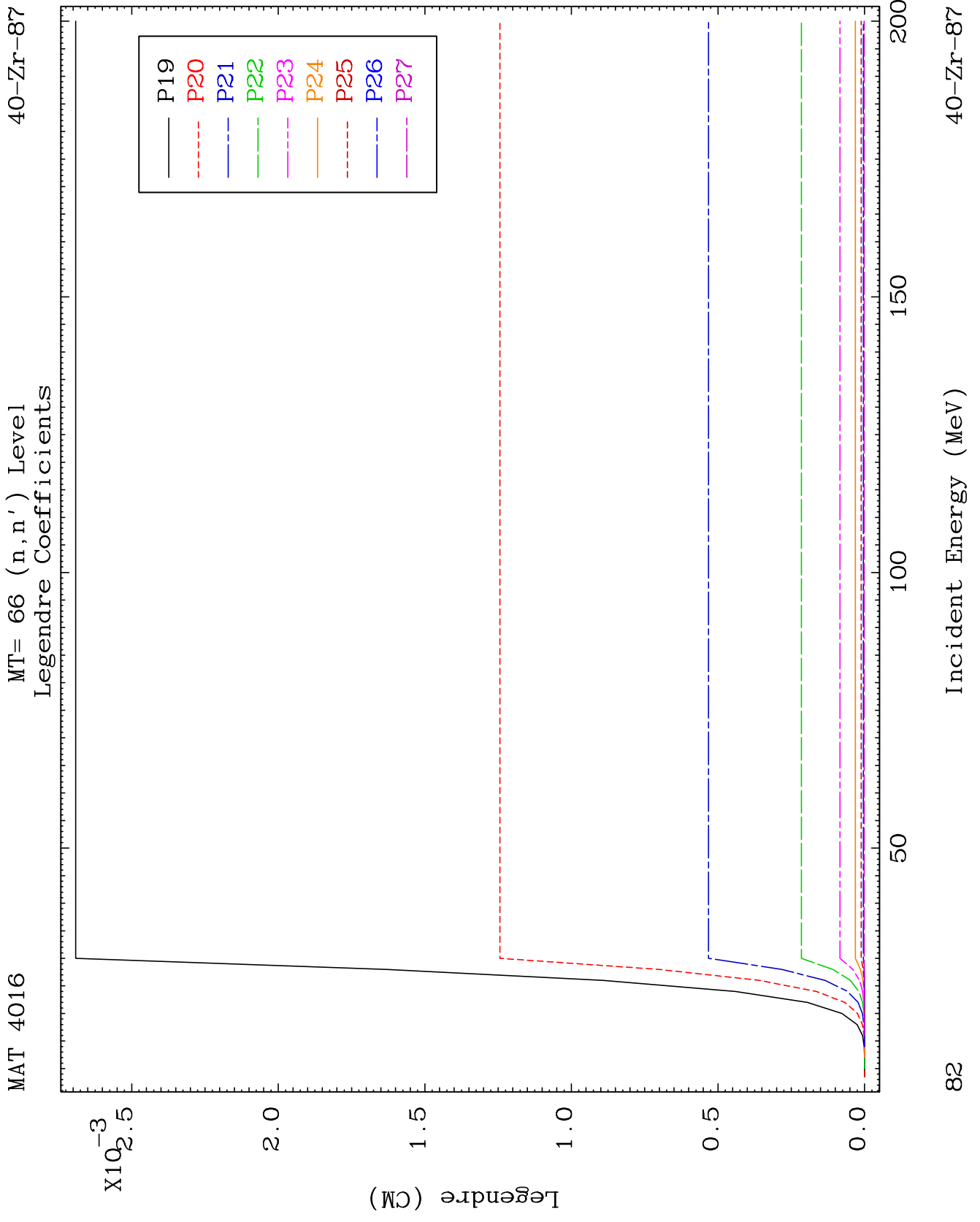


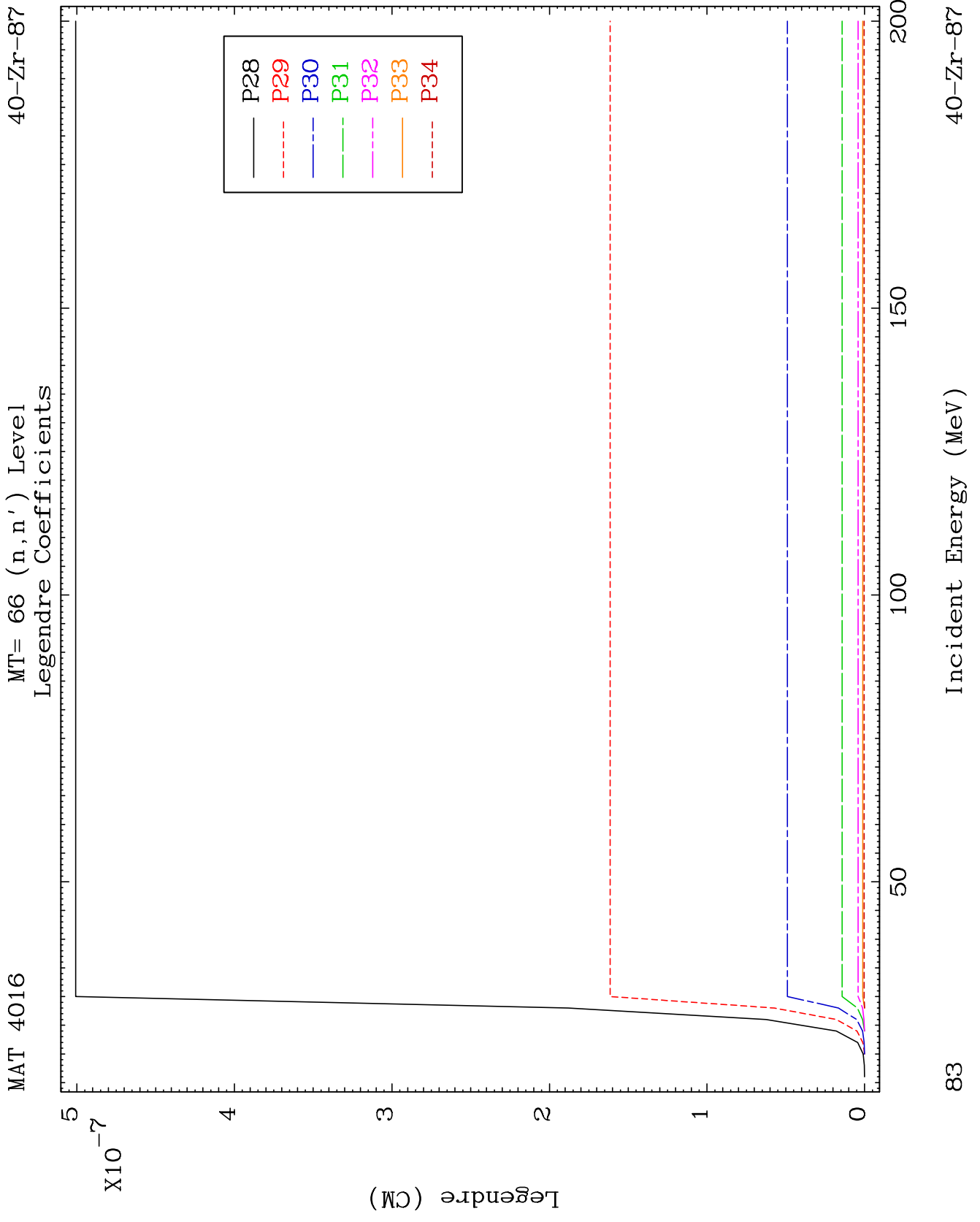


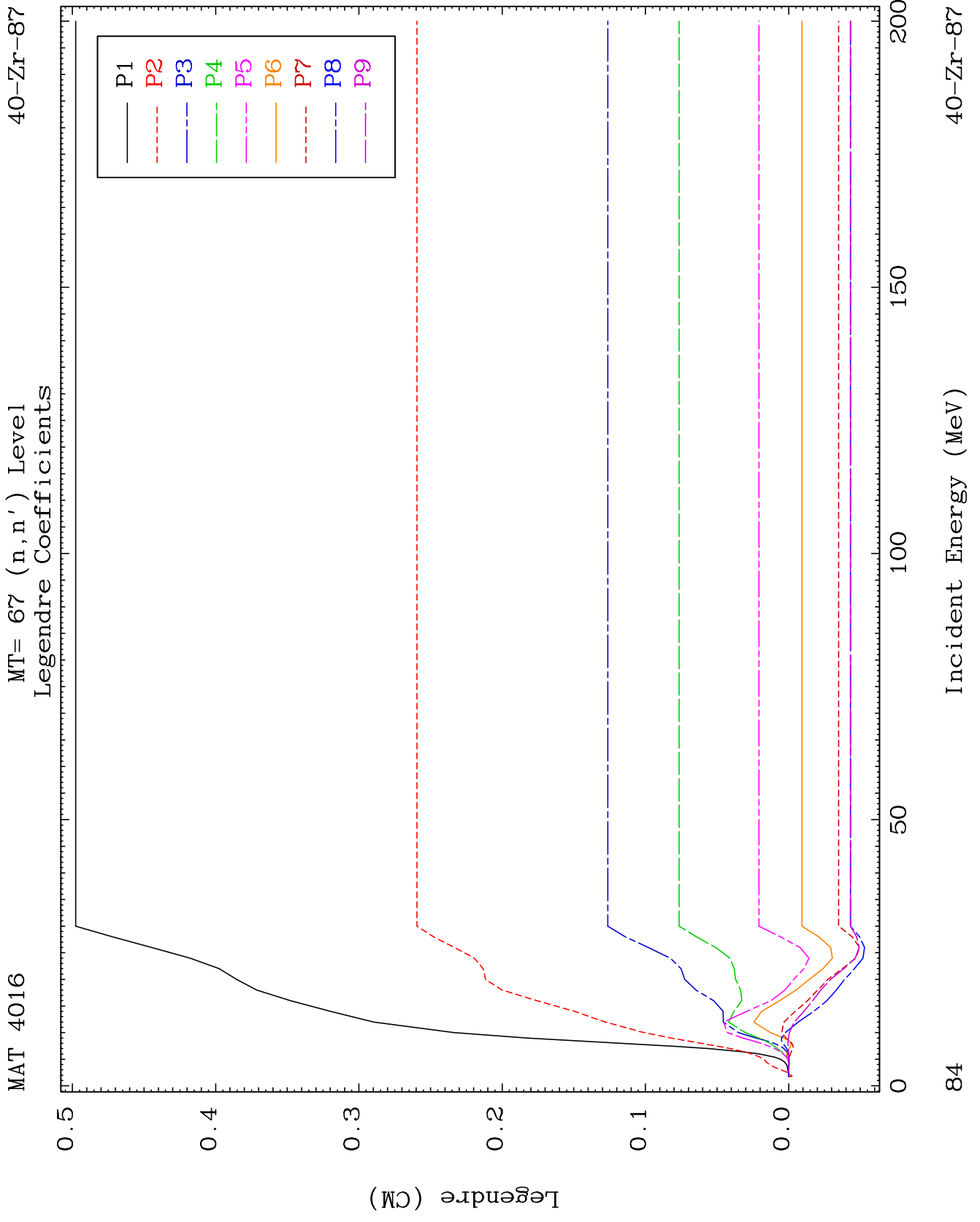


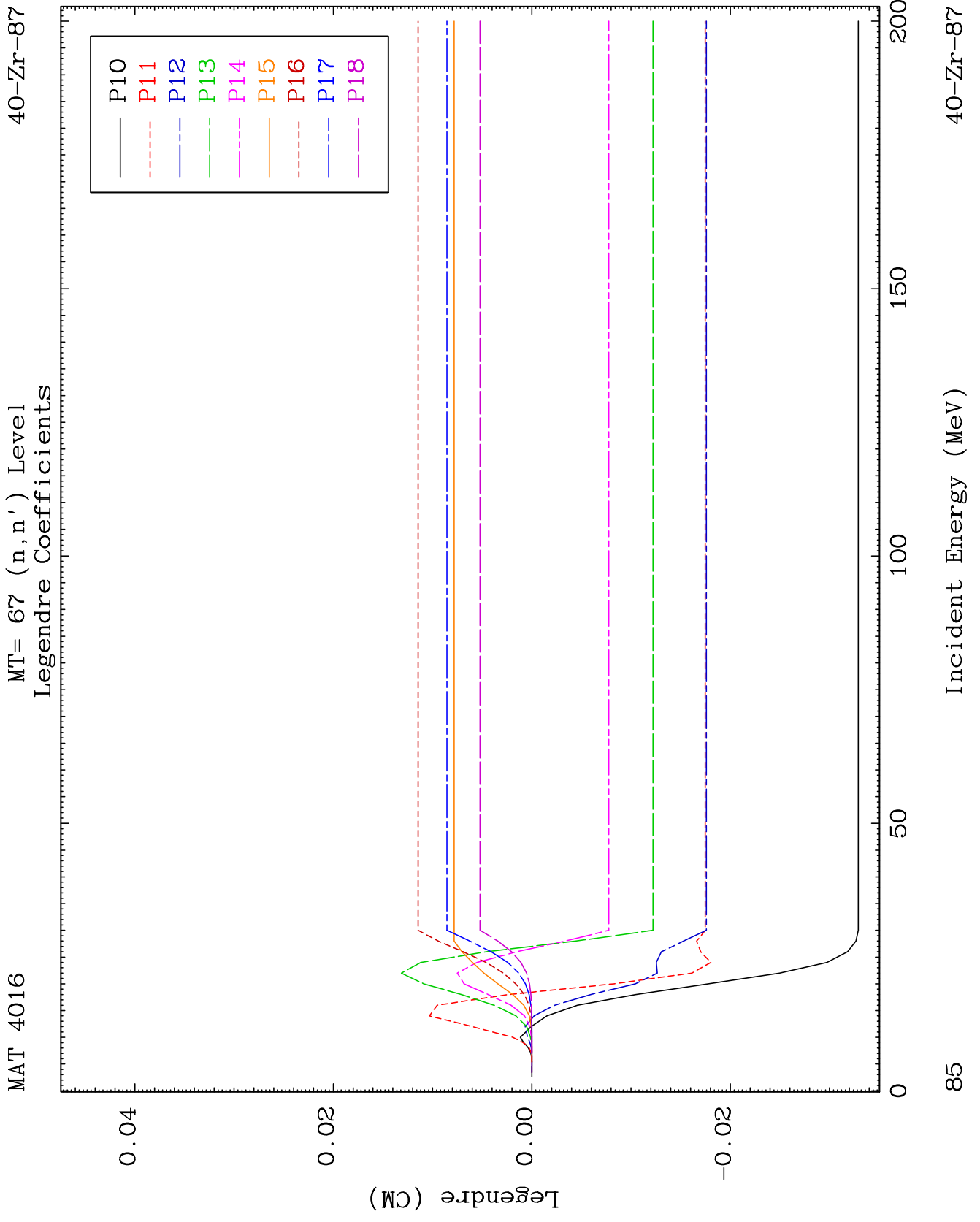


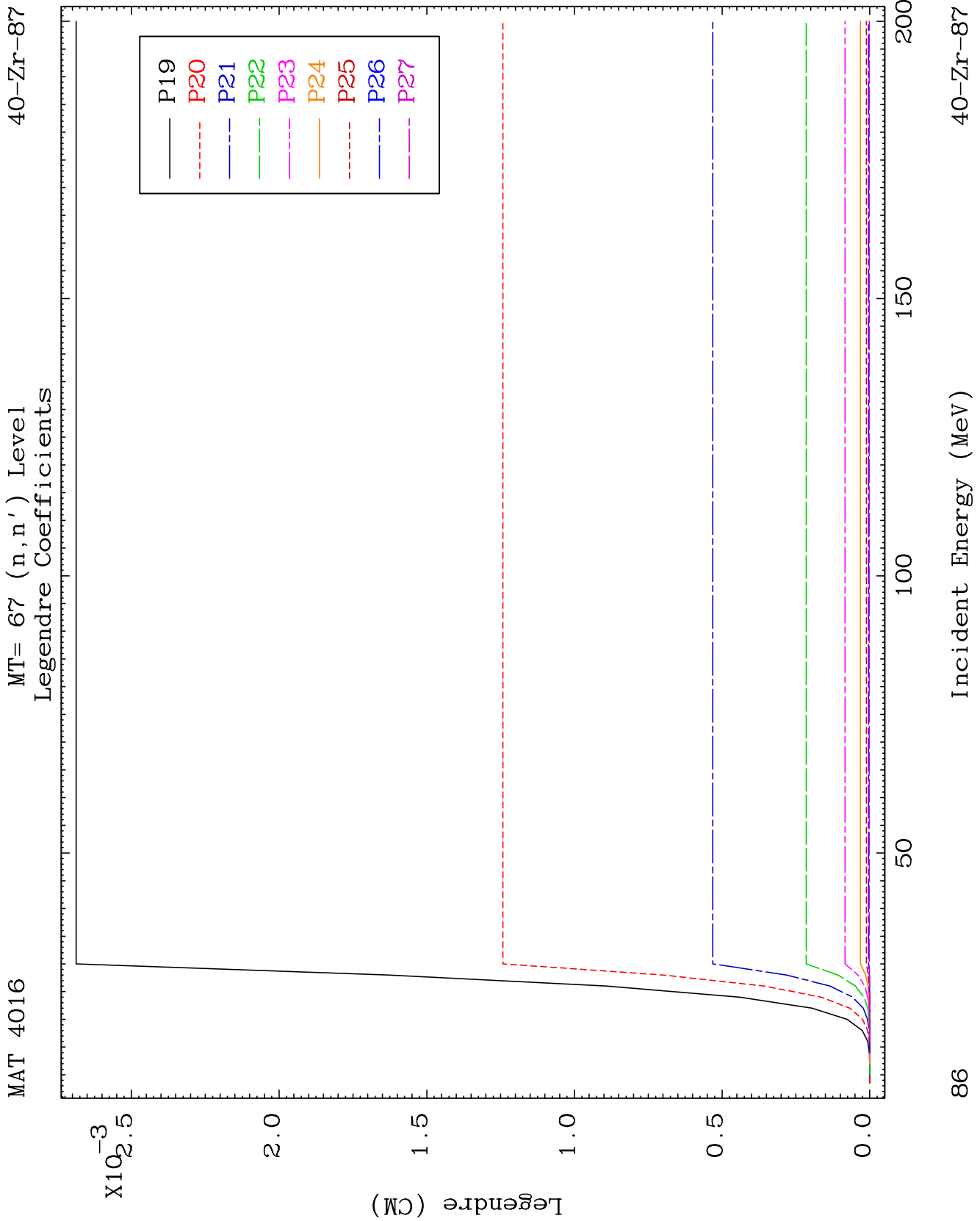


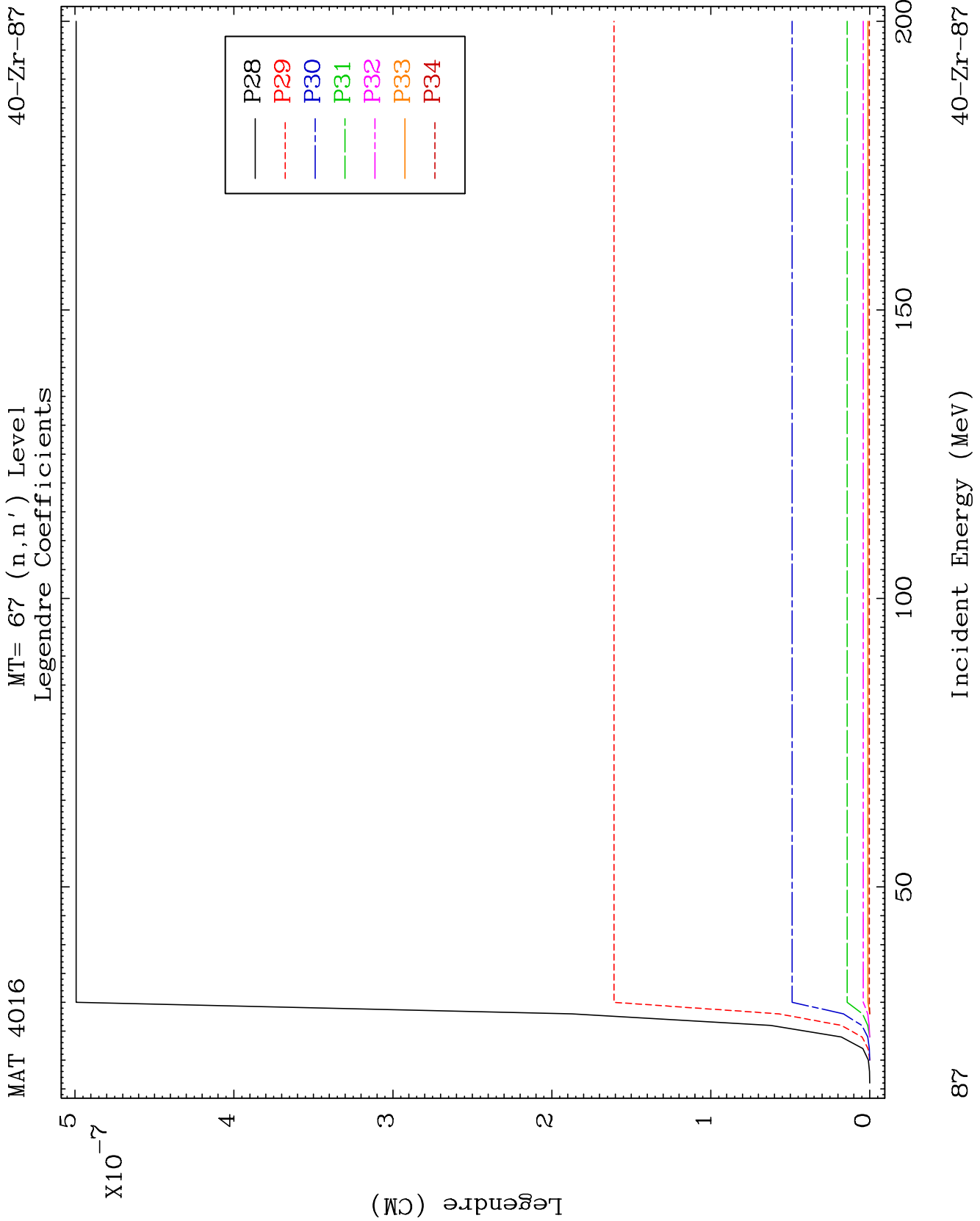


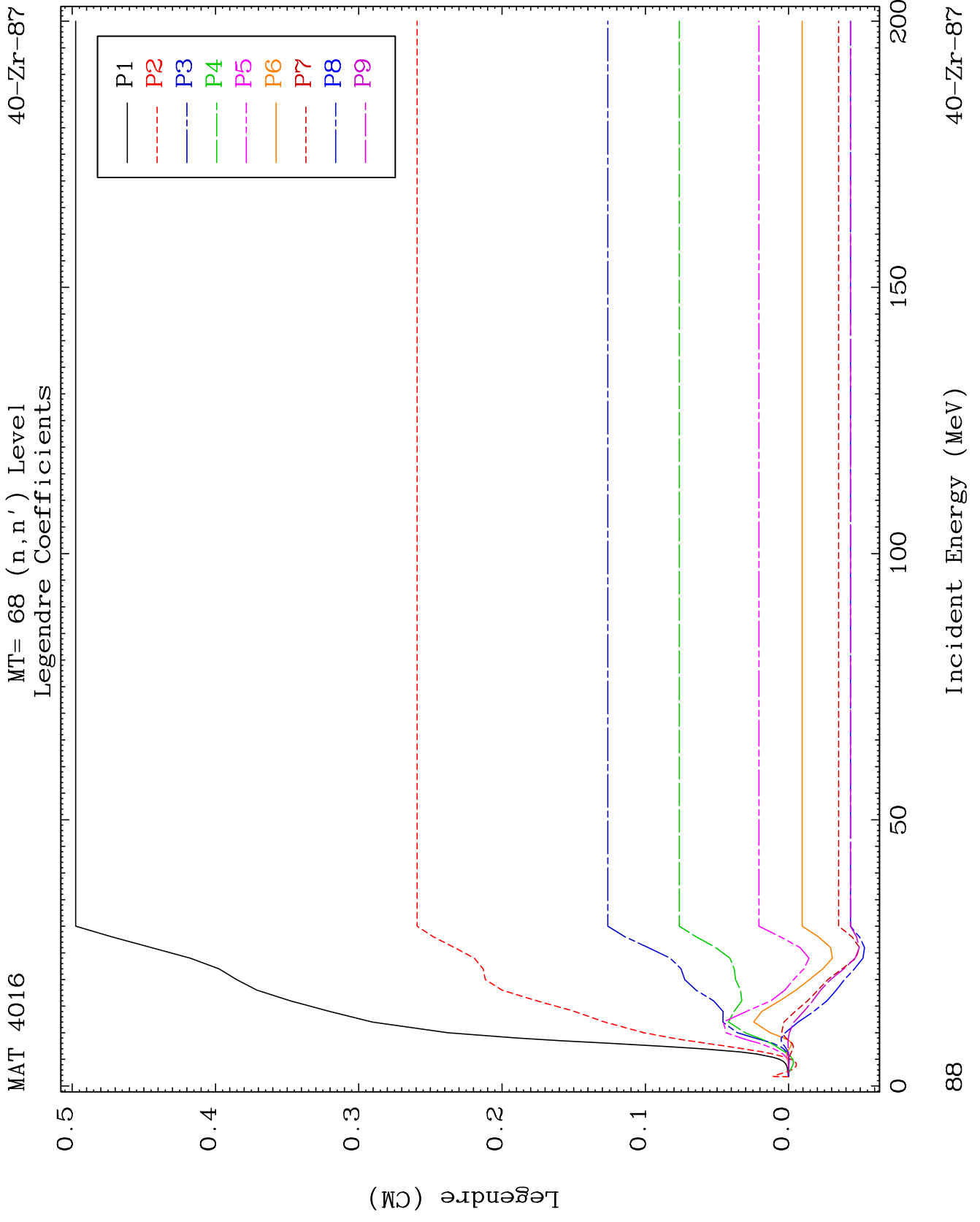


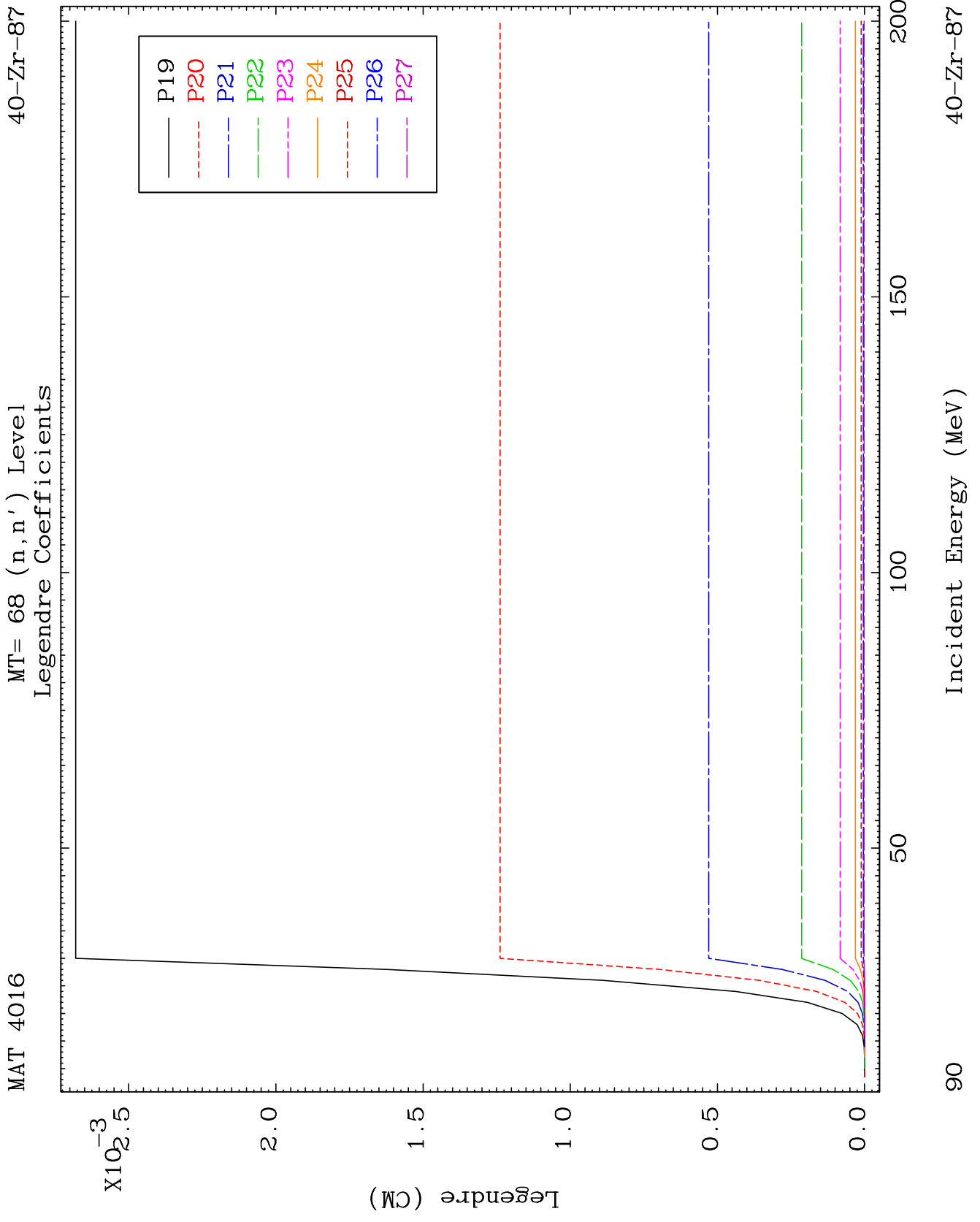


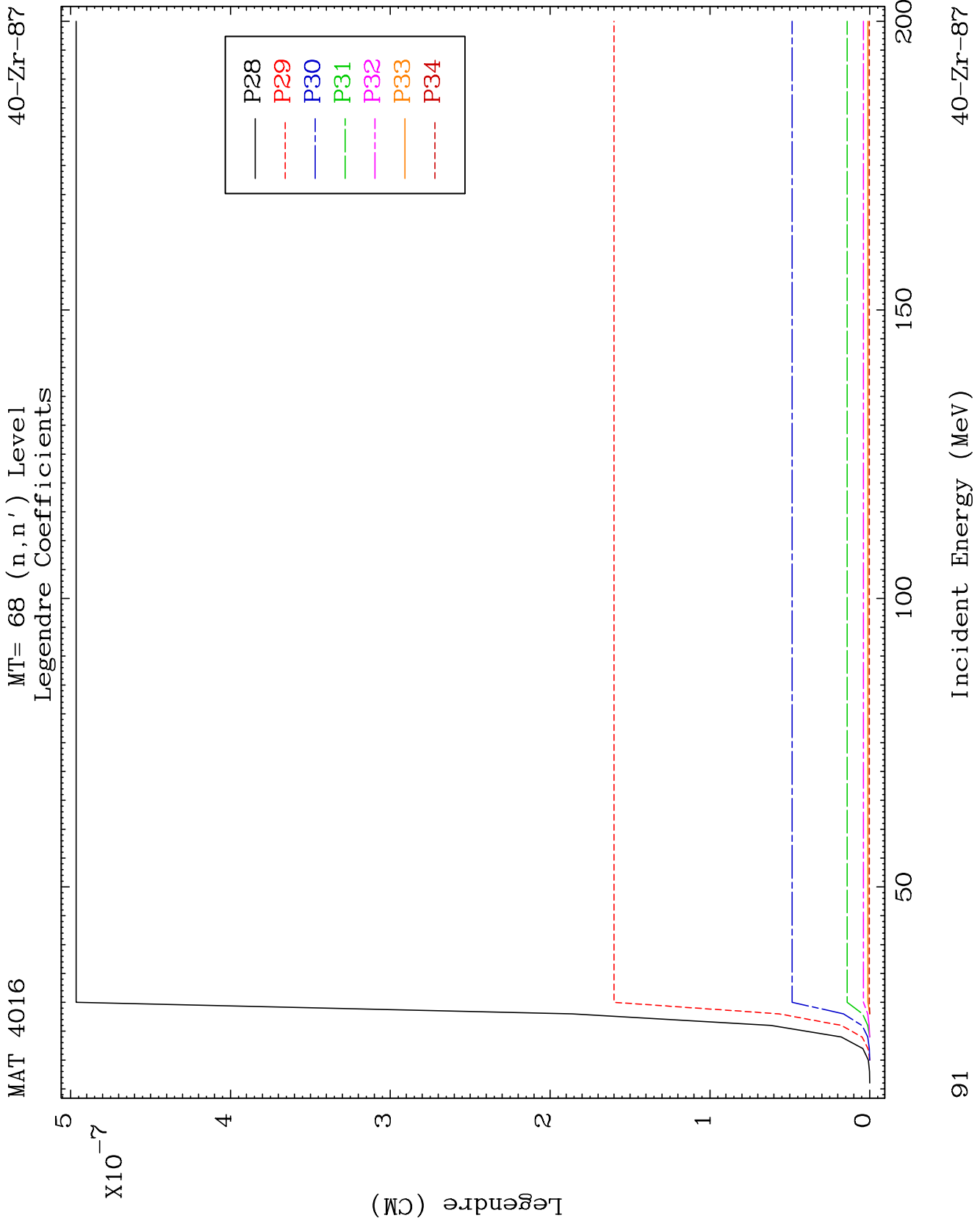








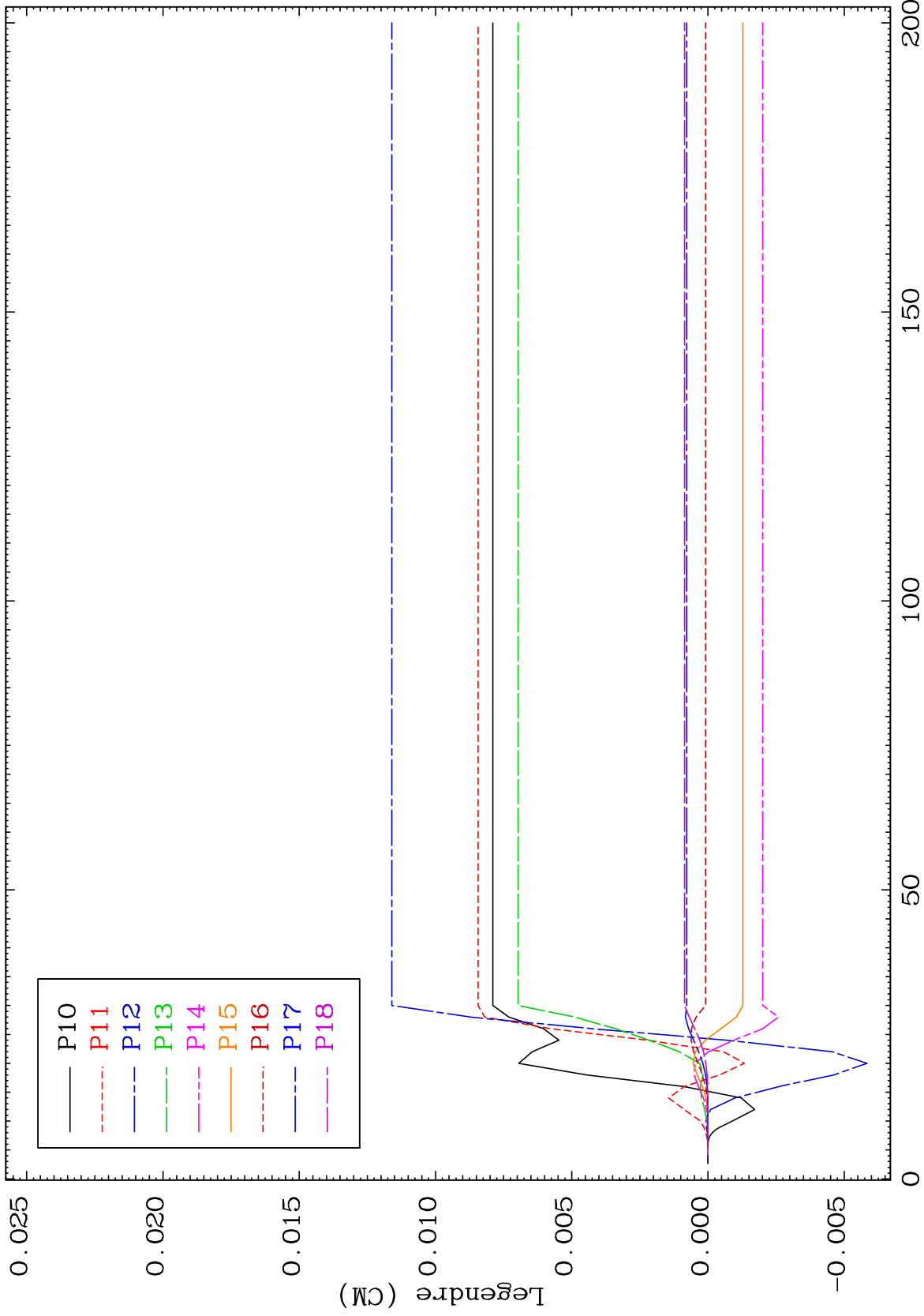




MAT 4016

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

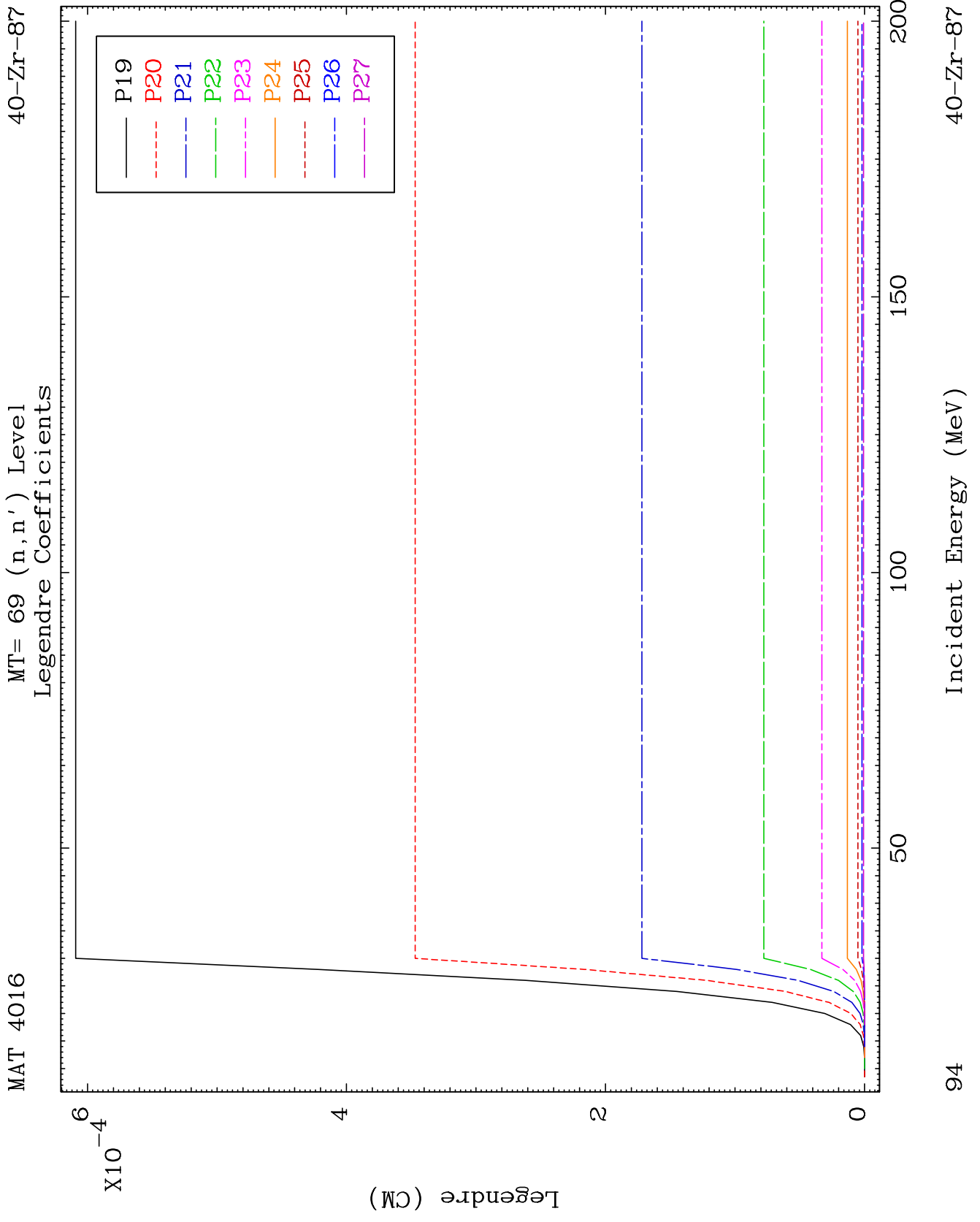
40-Zr-87

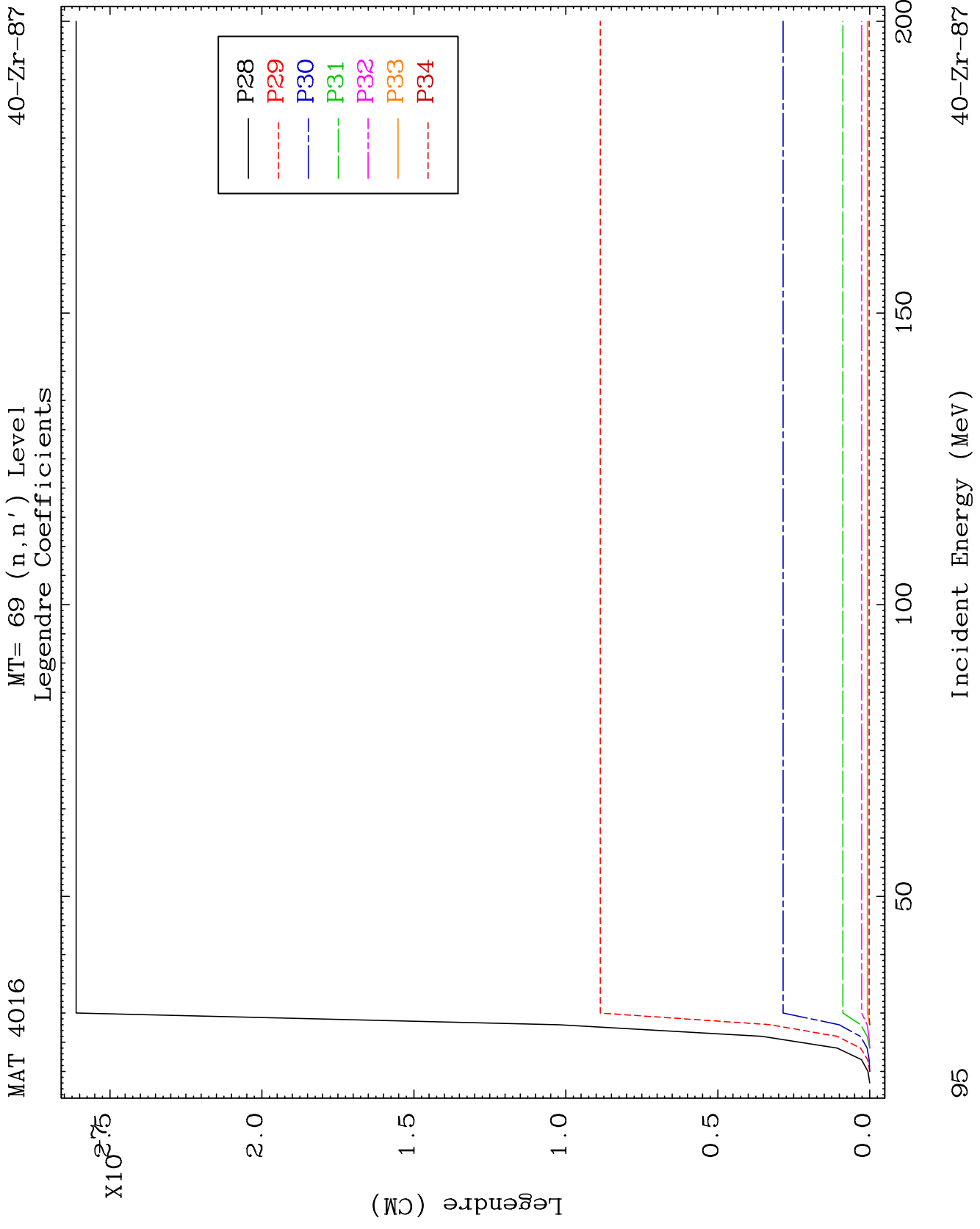


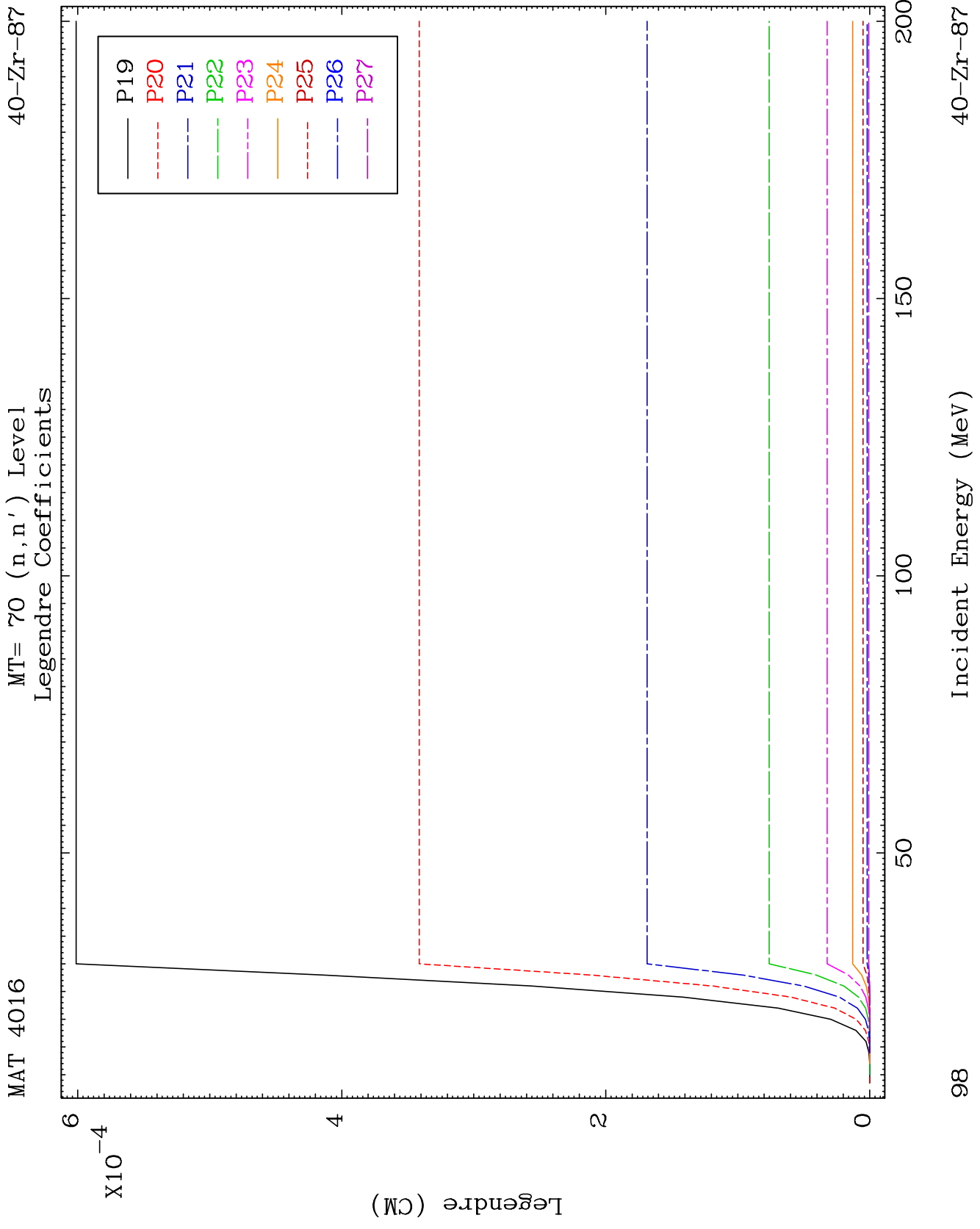
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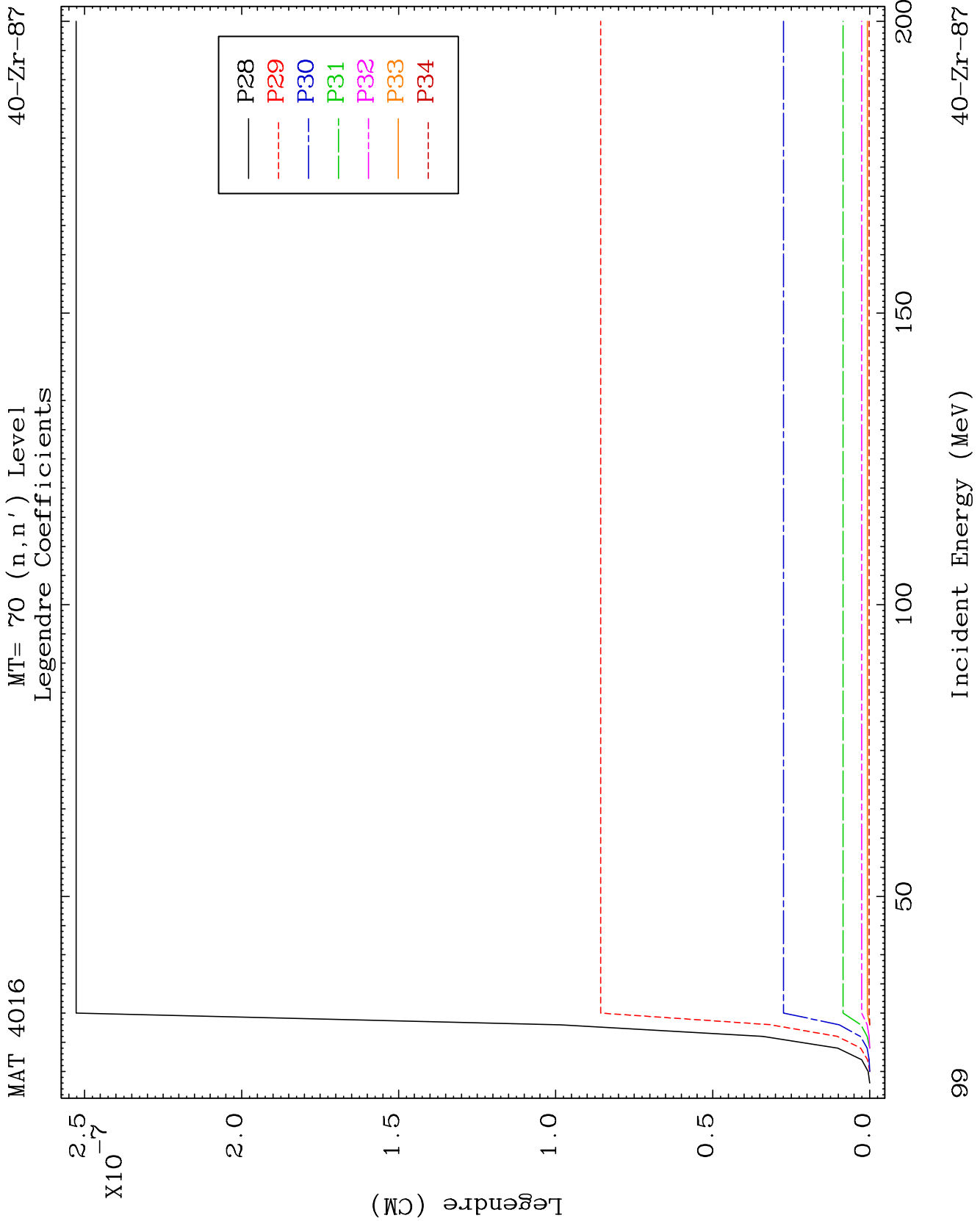
Incident Energy (MeV)

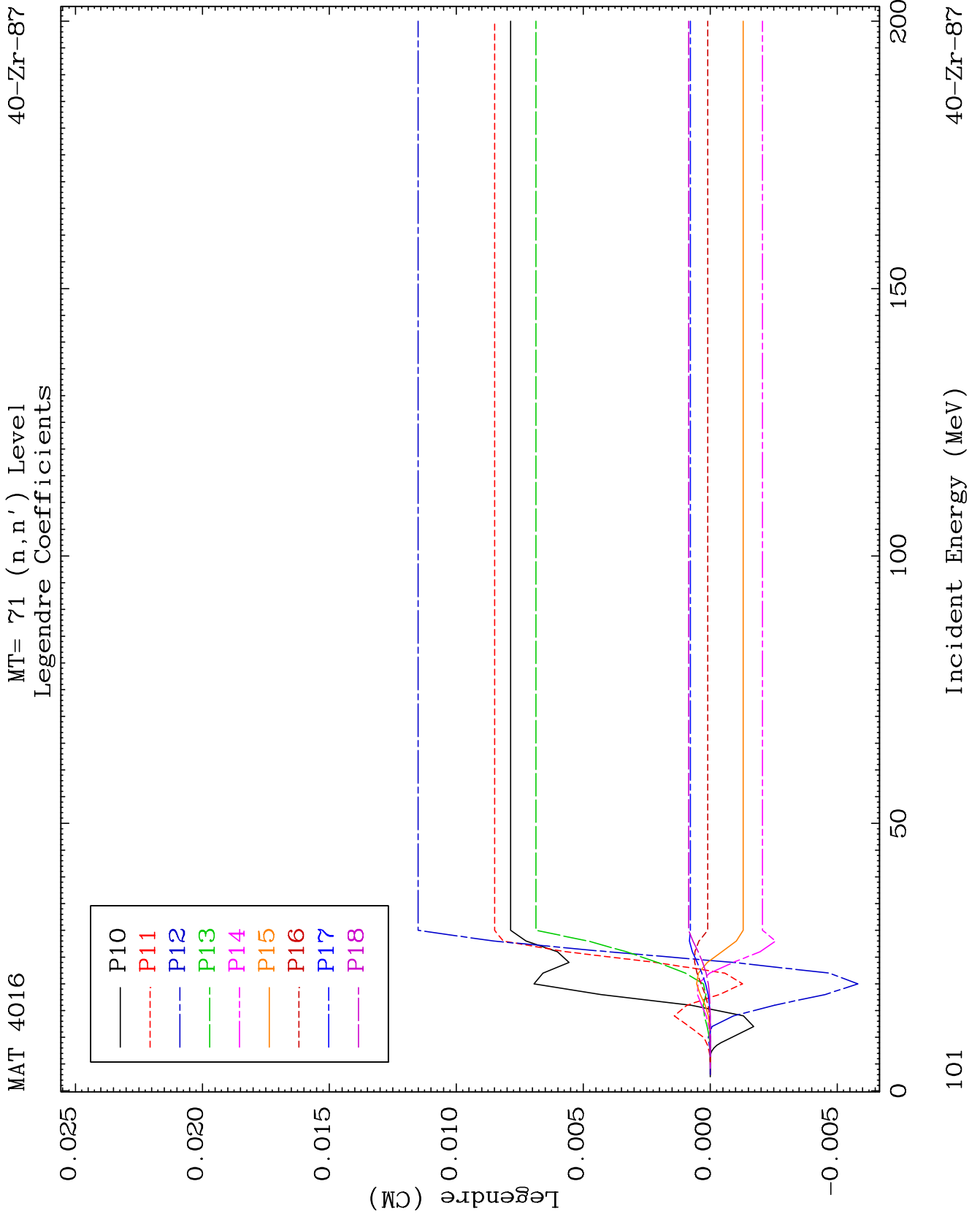
40-Zr-87

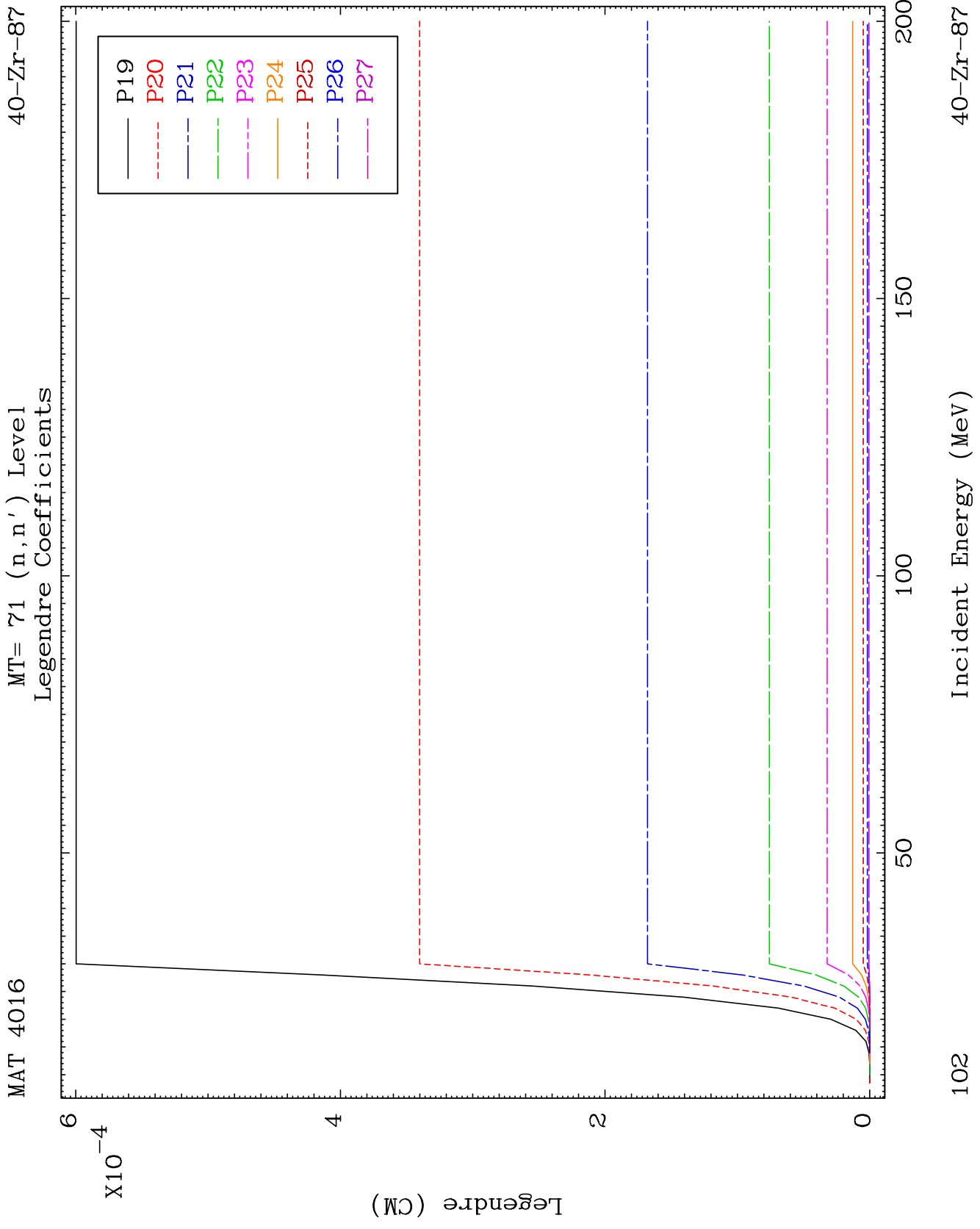


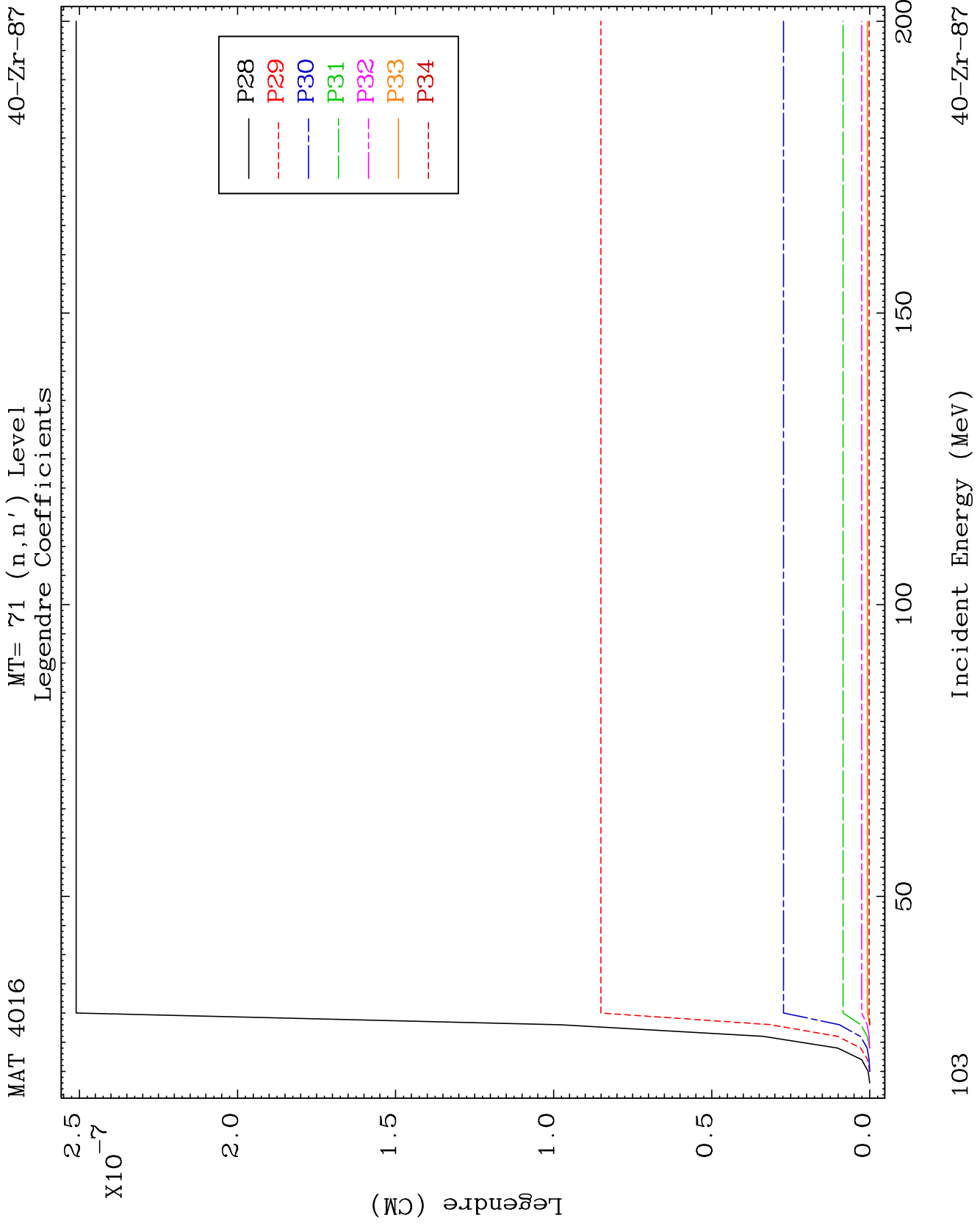


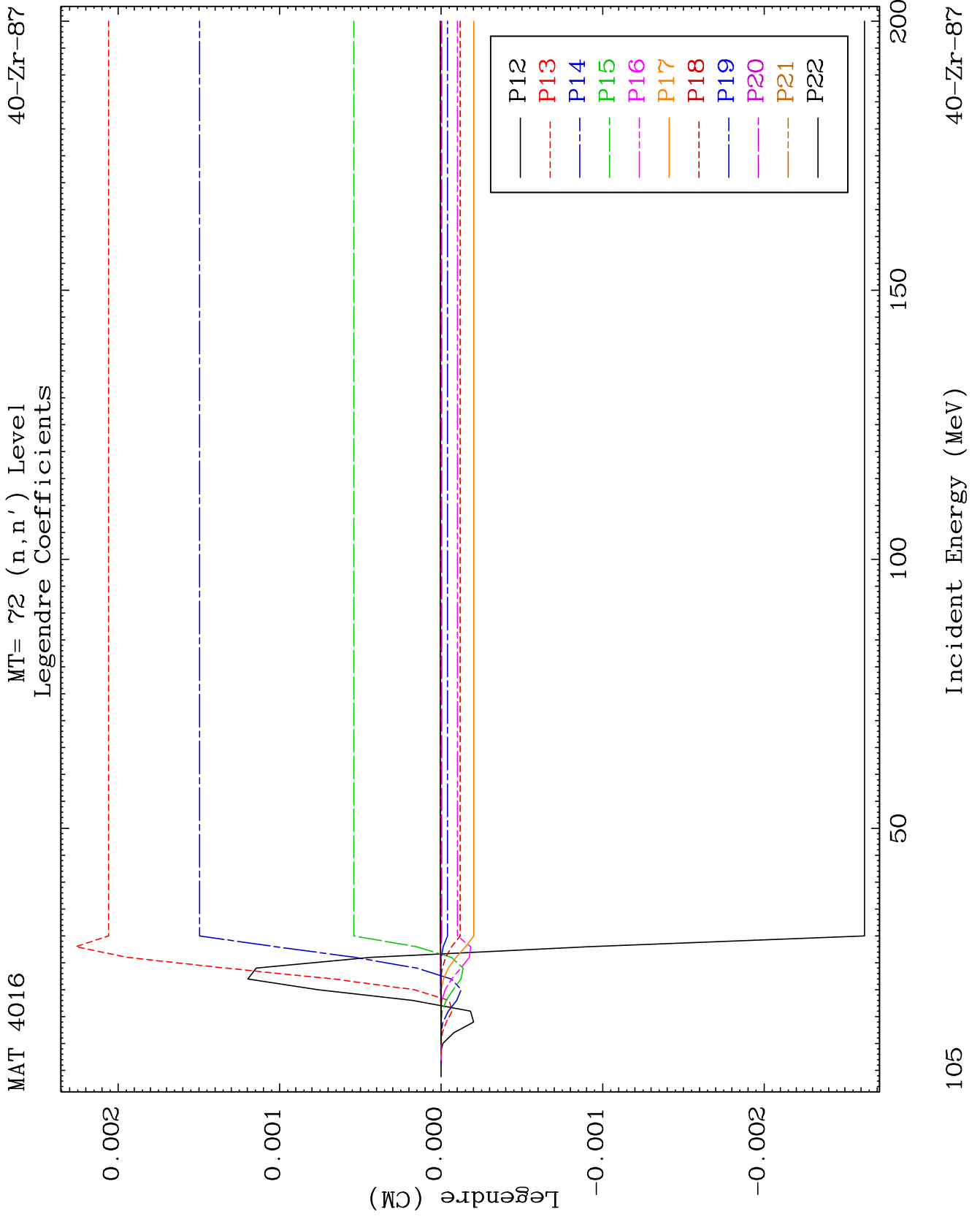


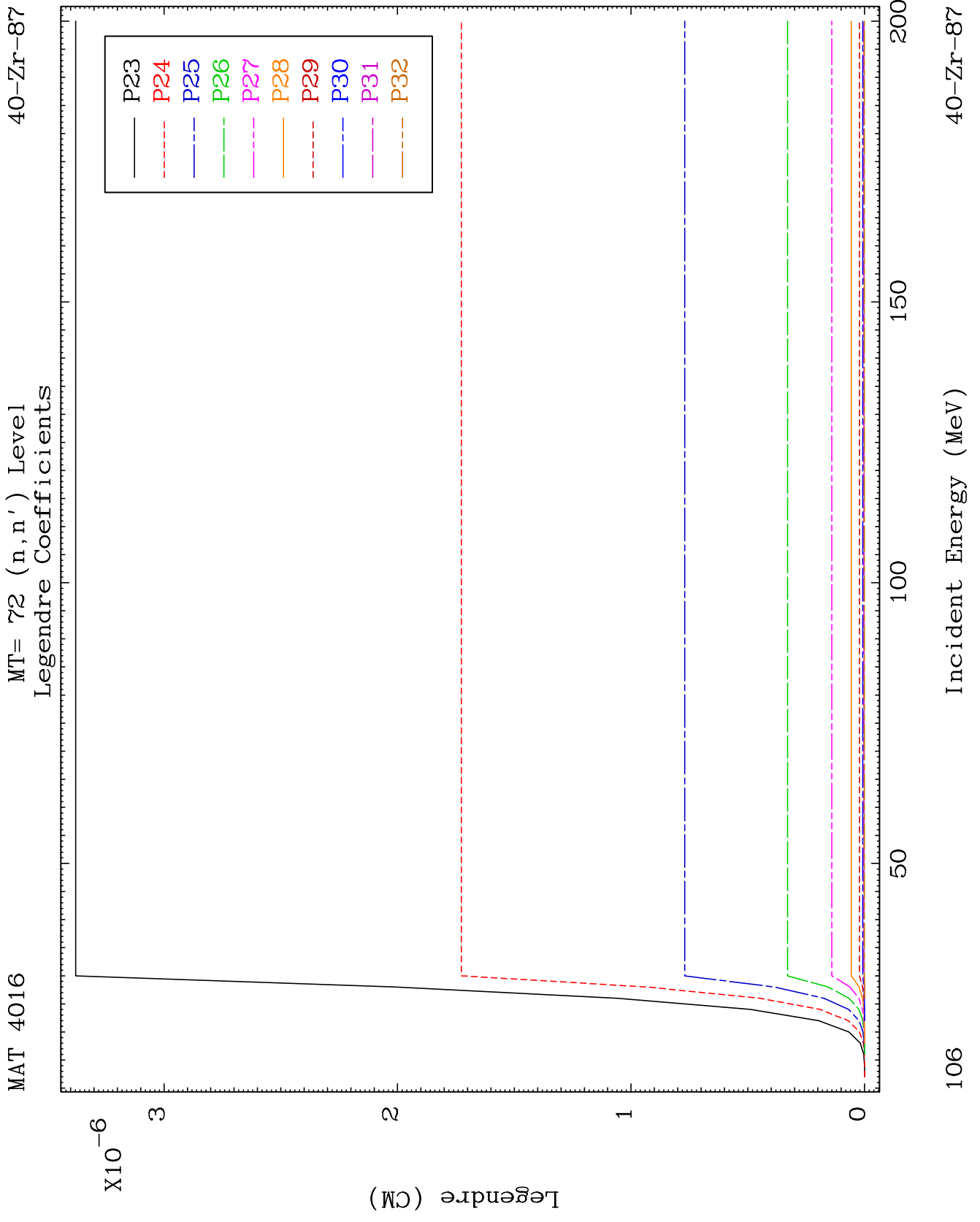


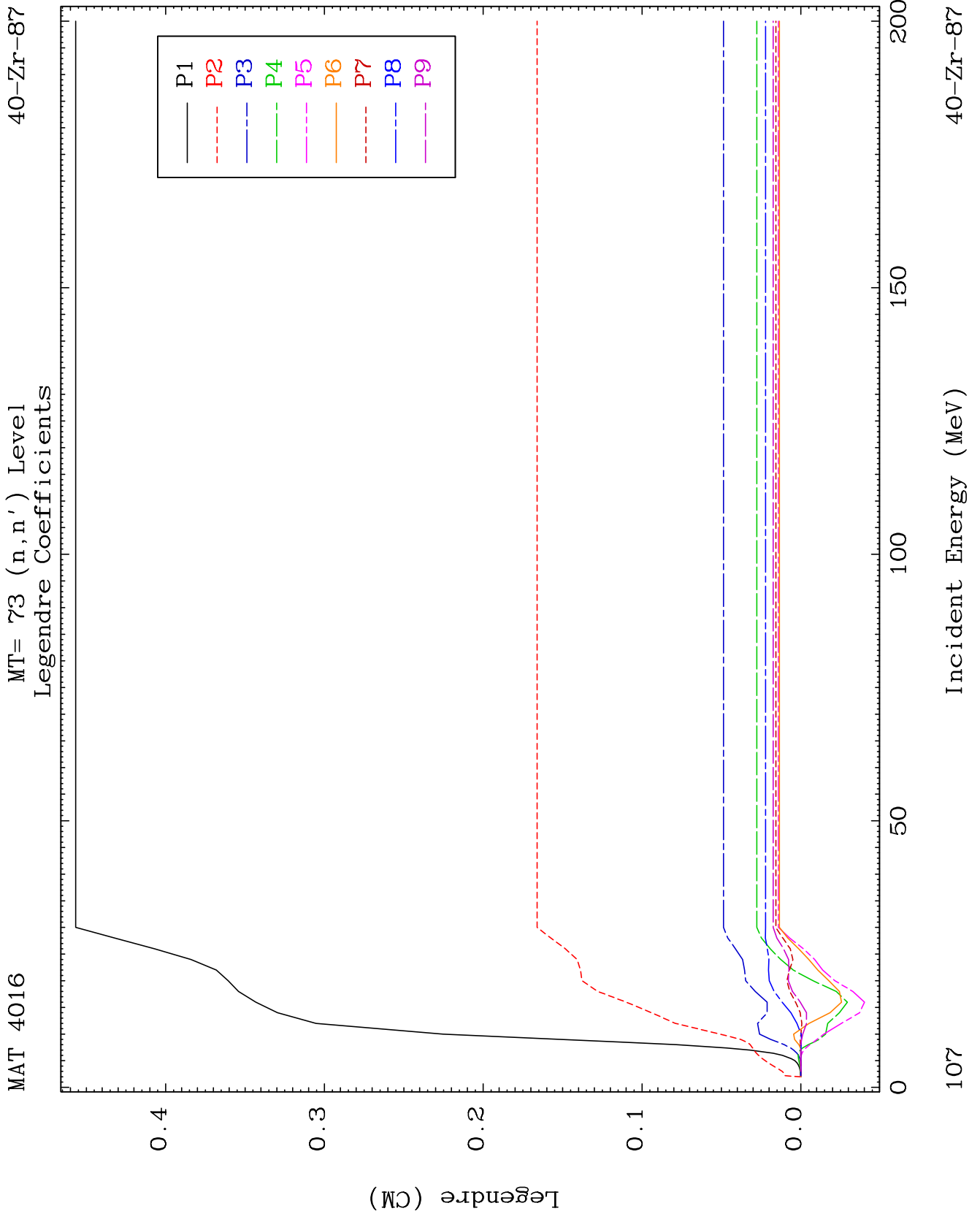


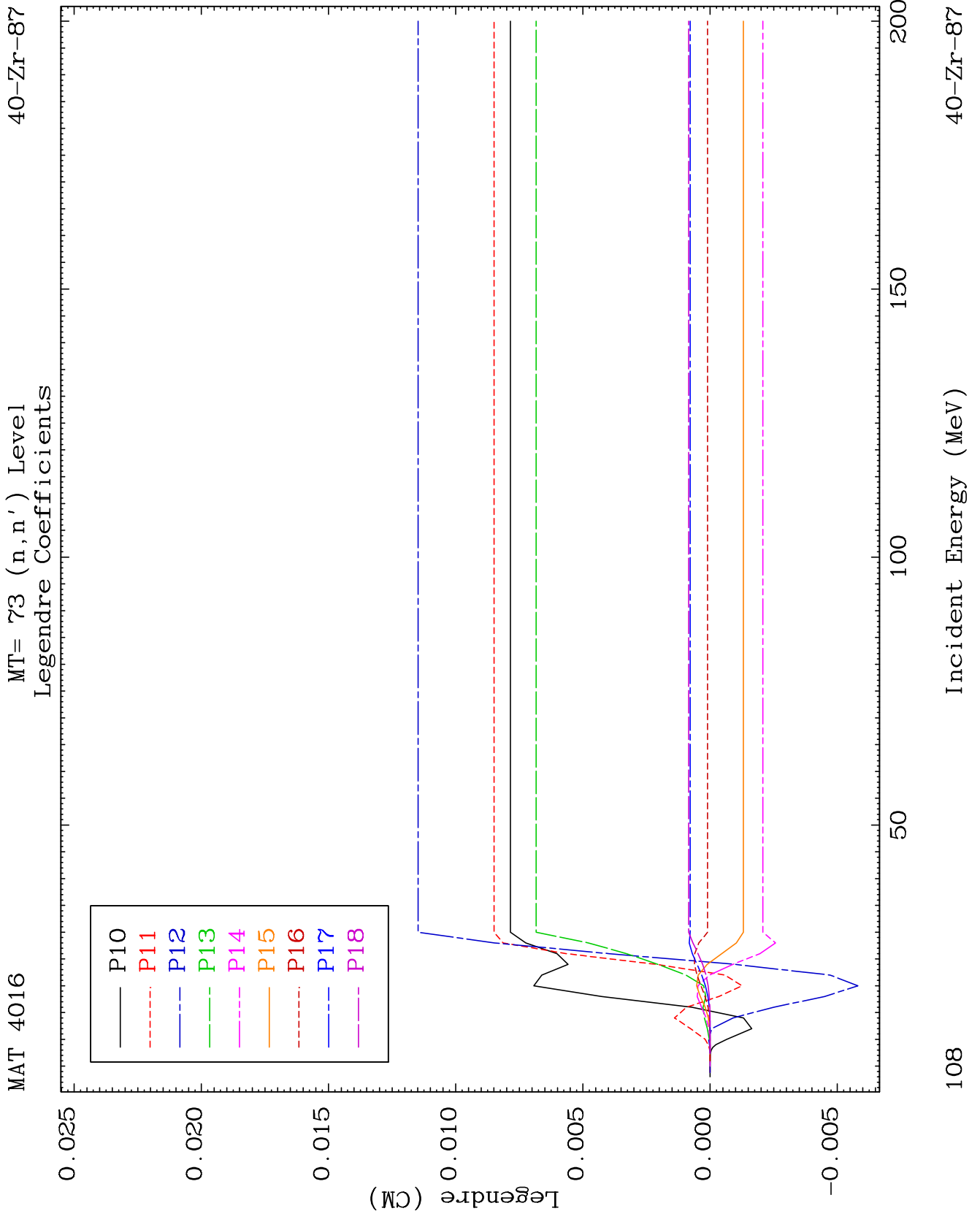


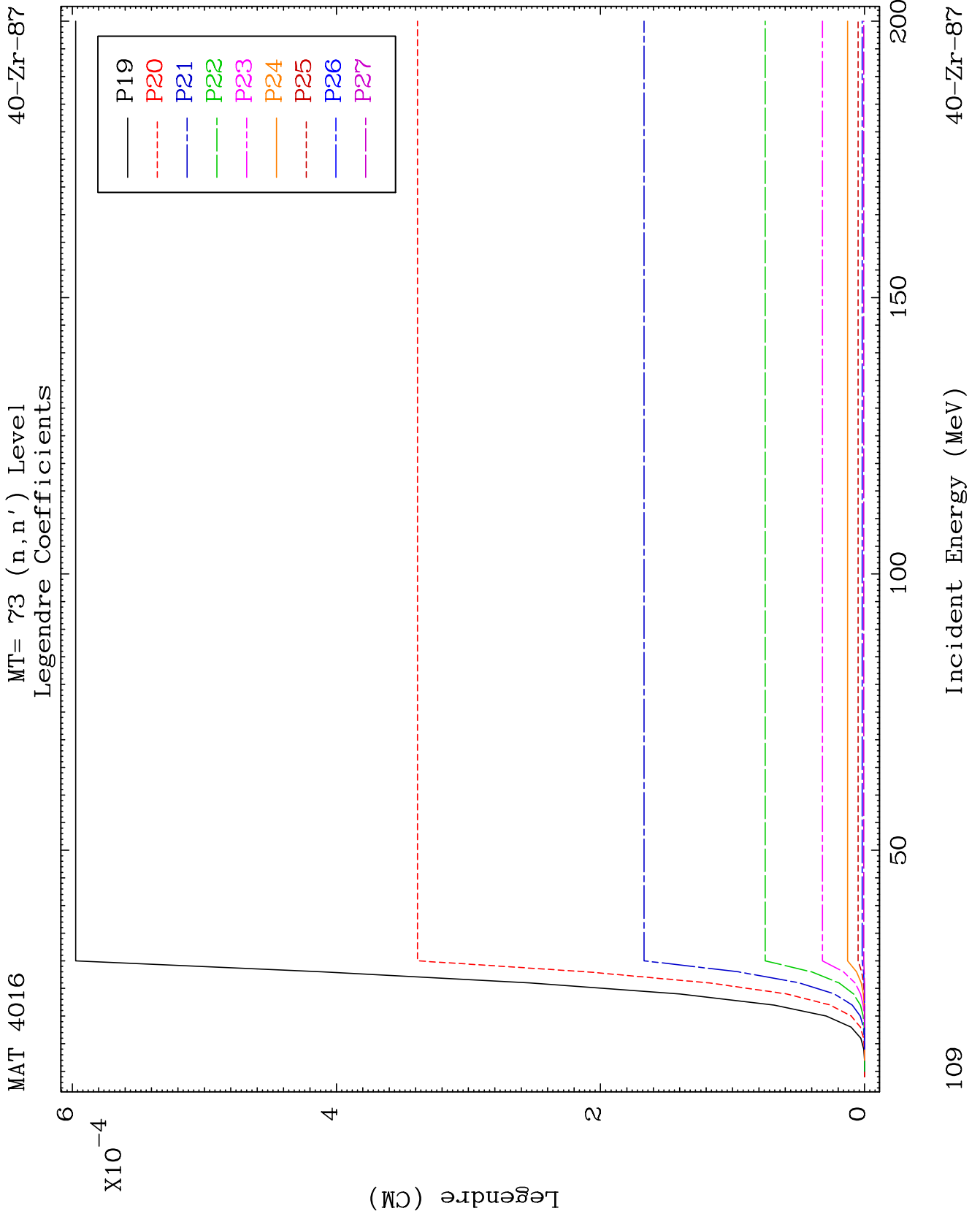


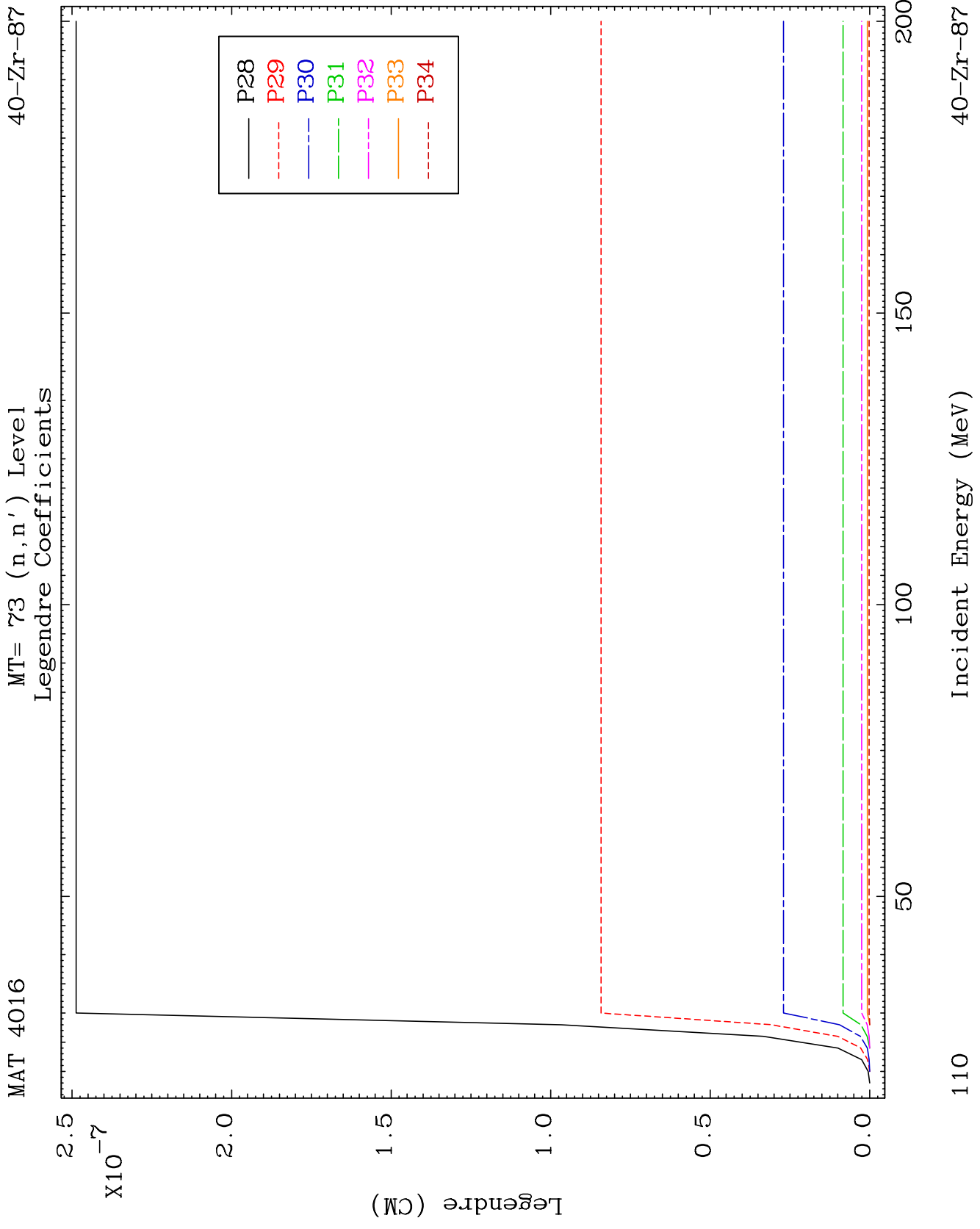


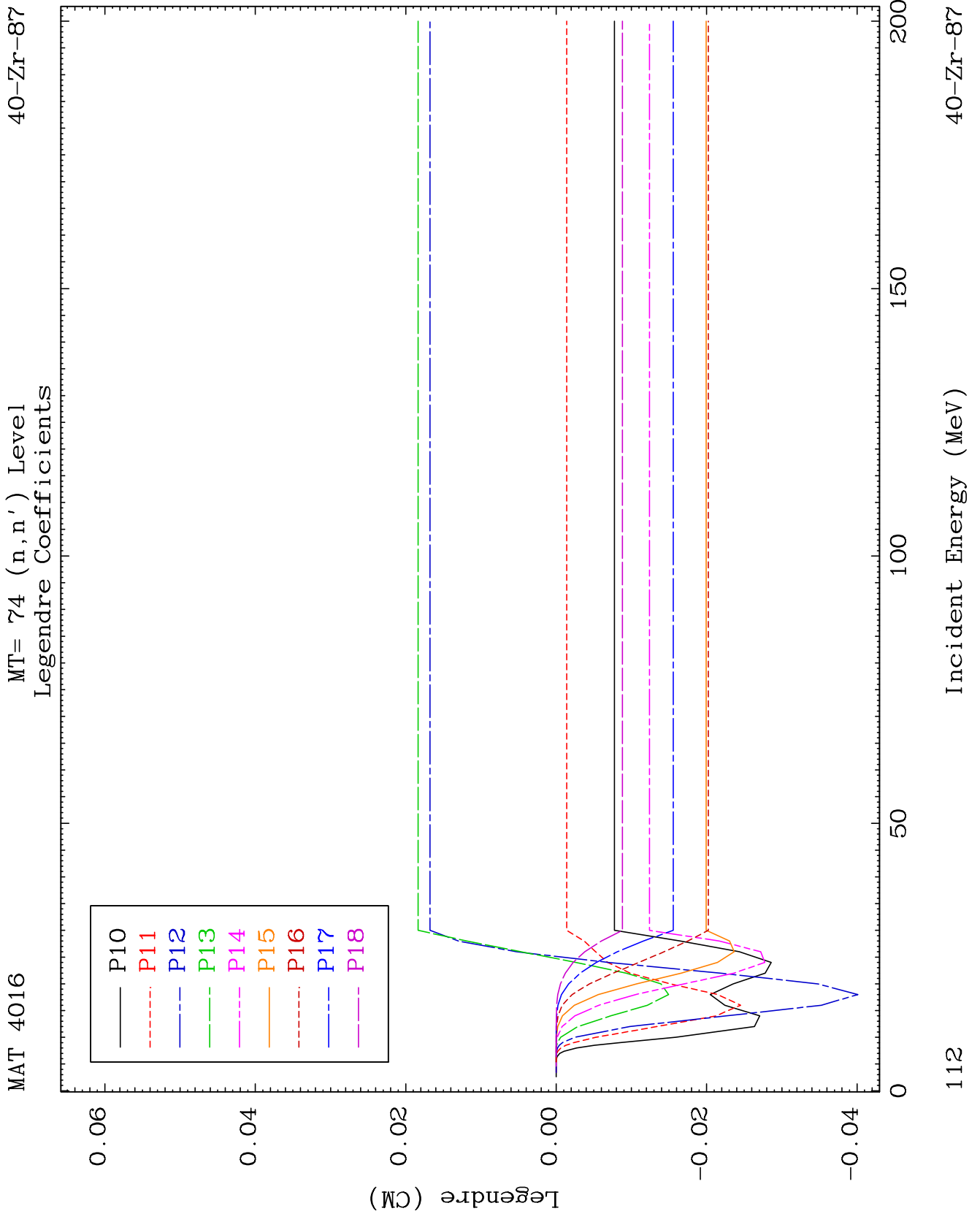


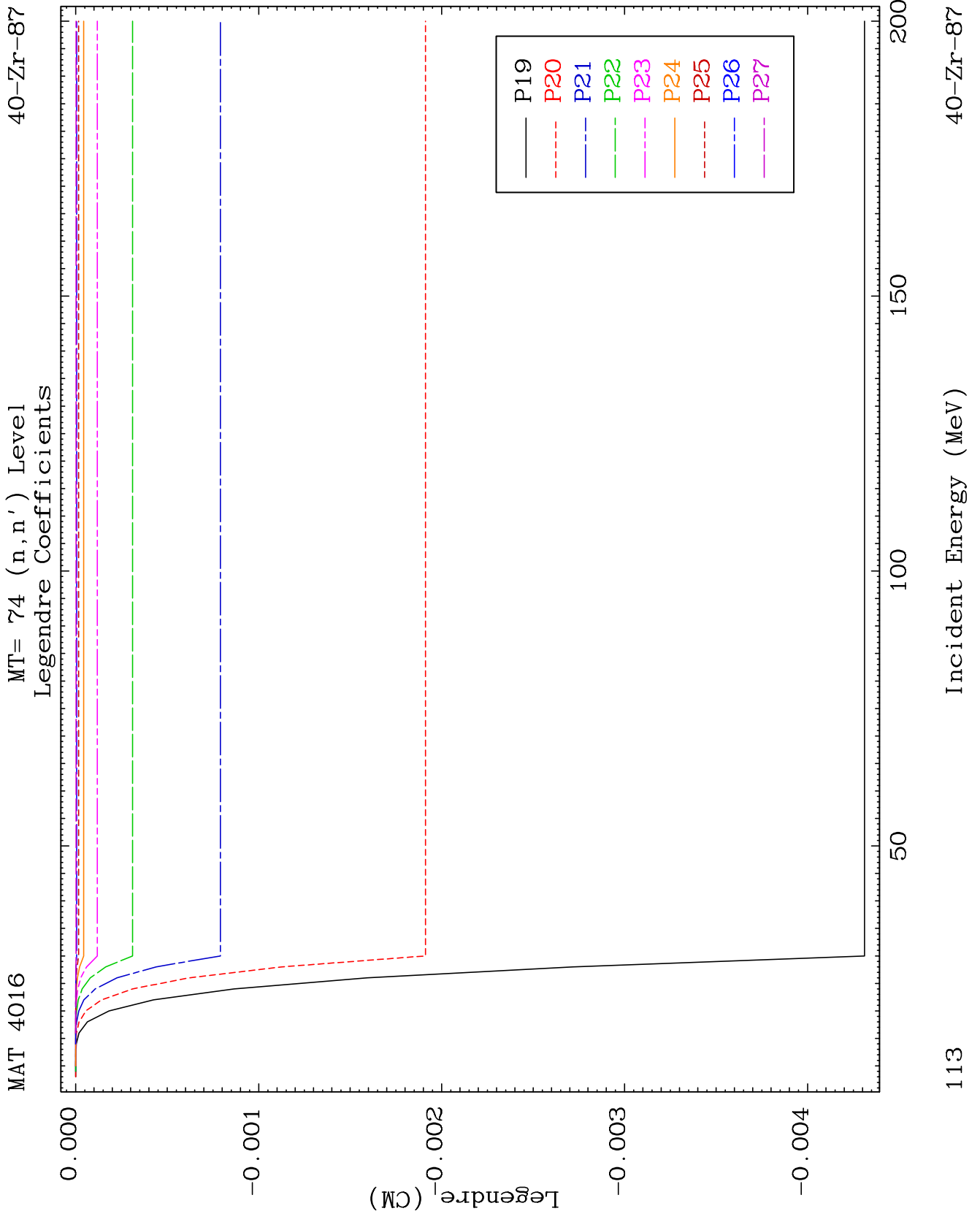


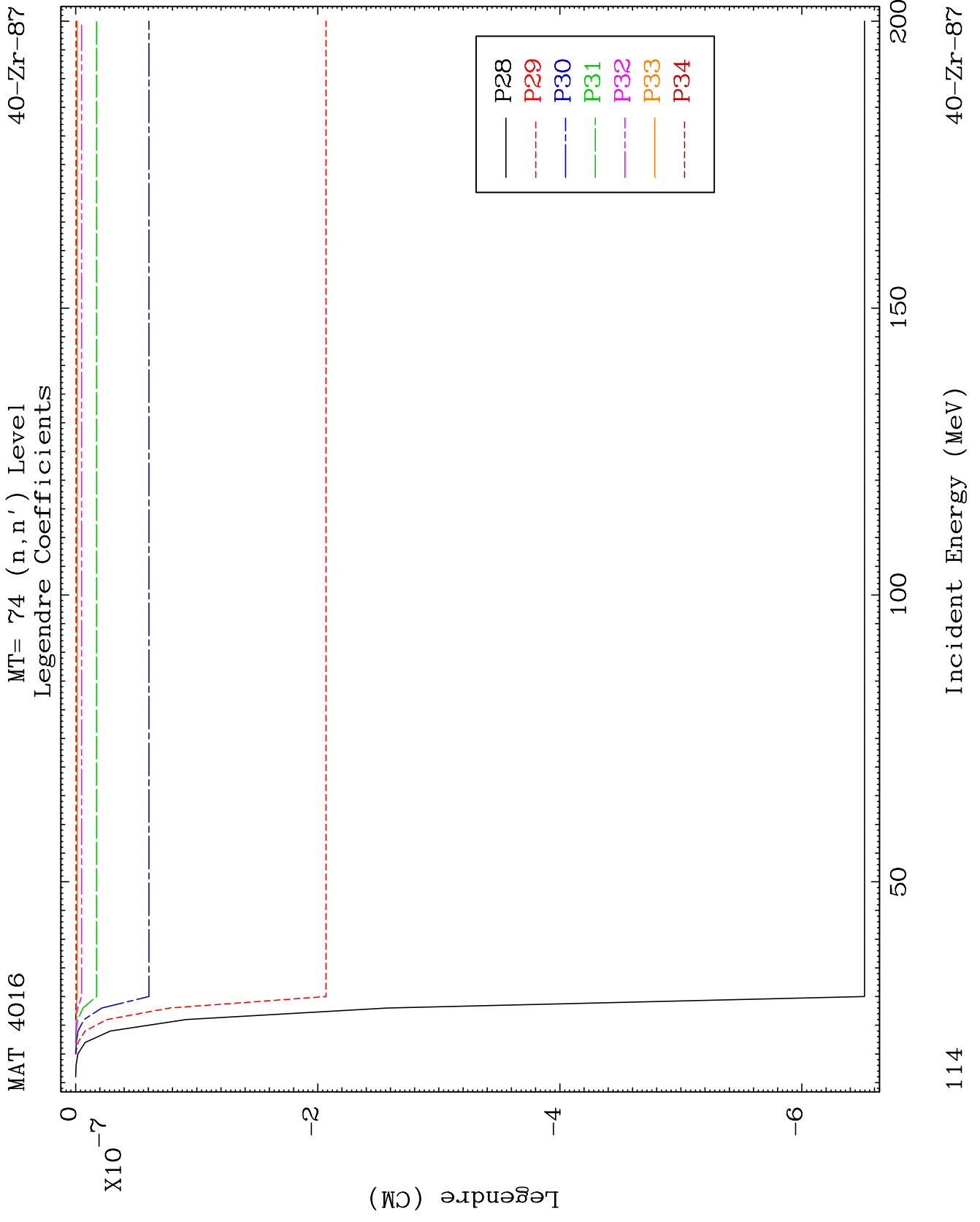


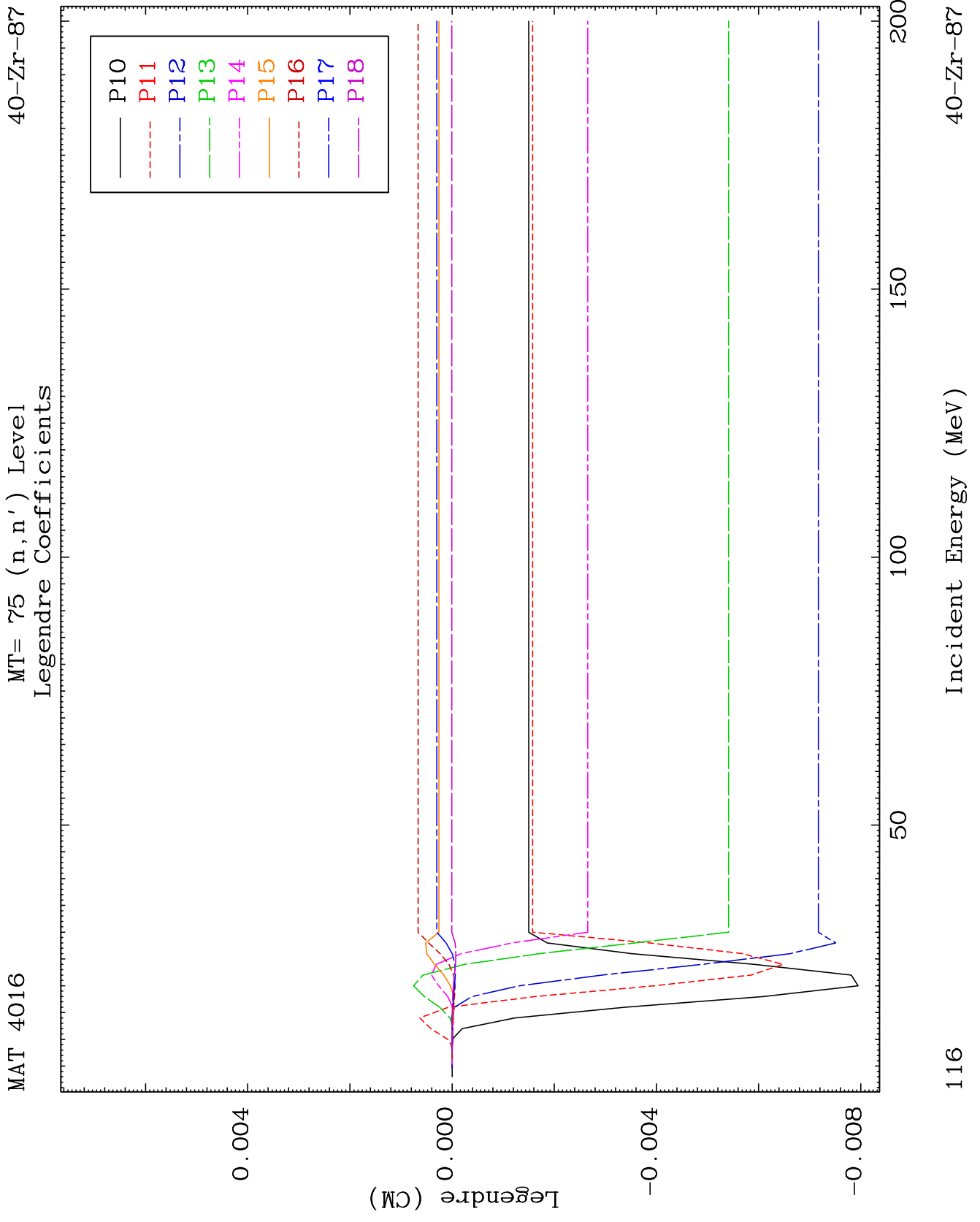


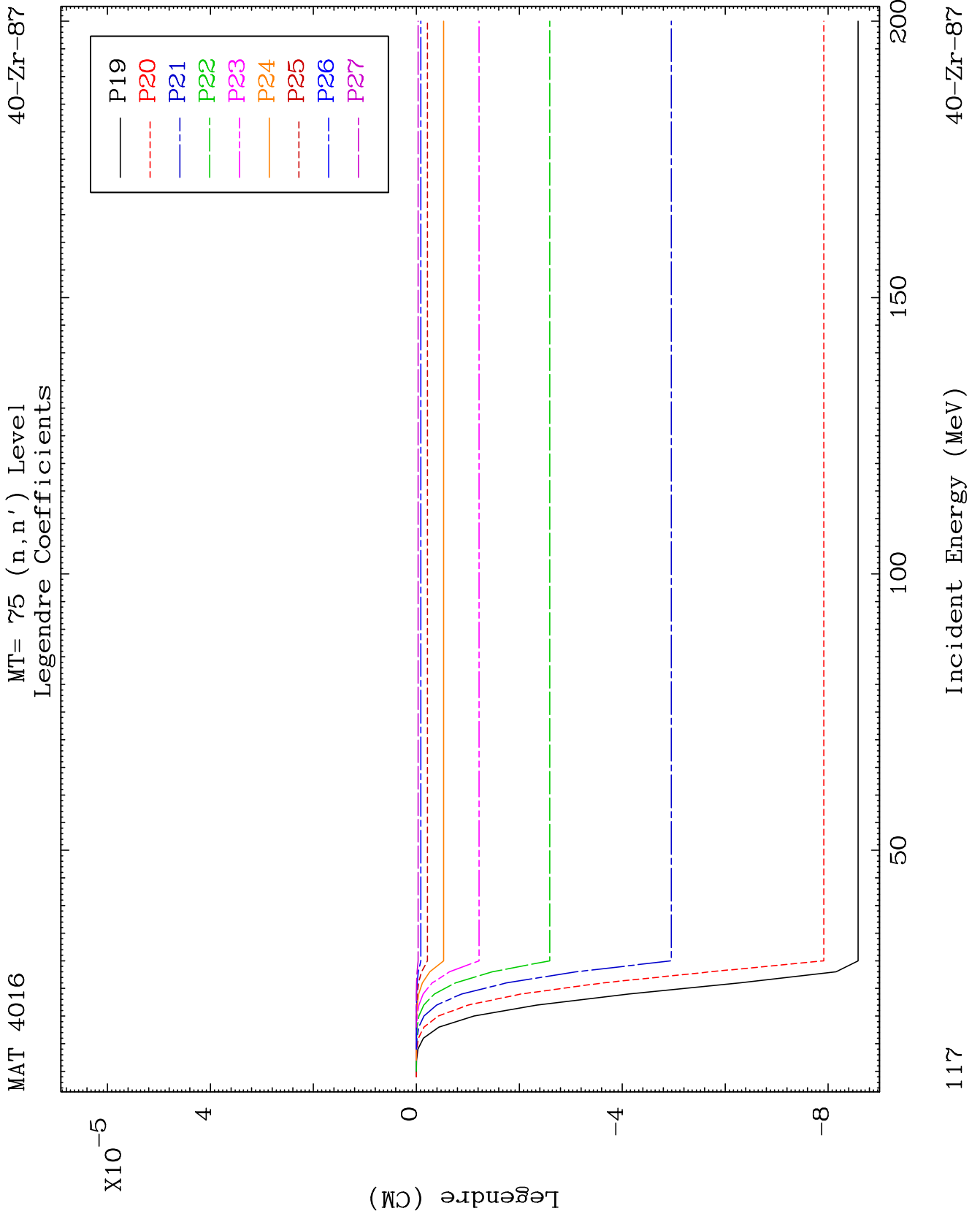


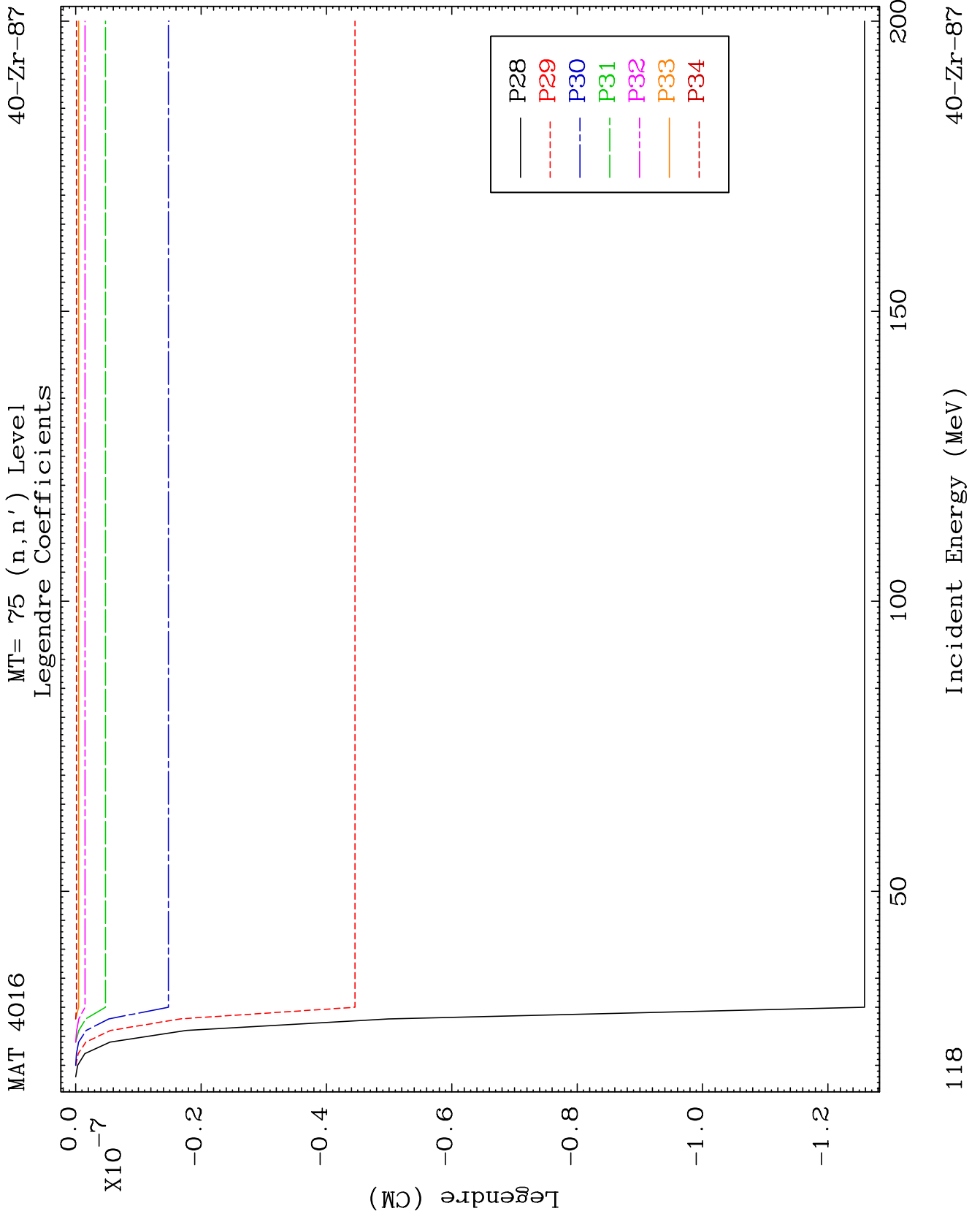


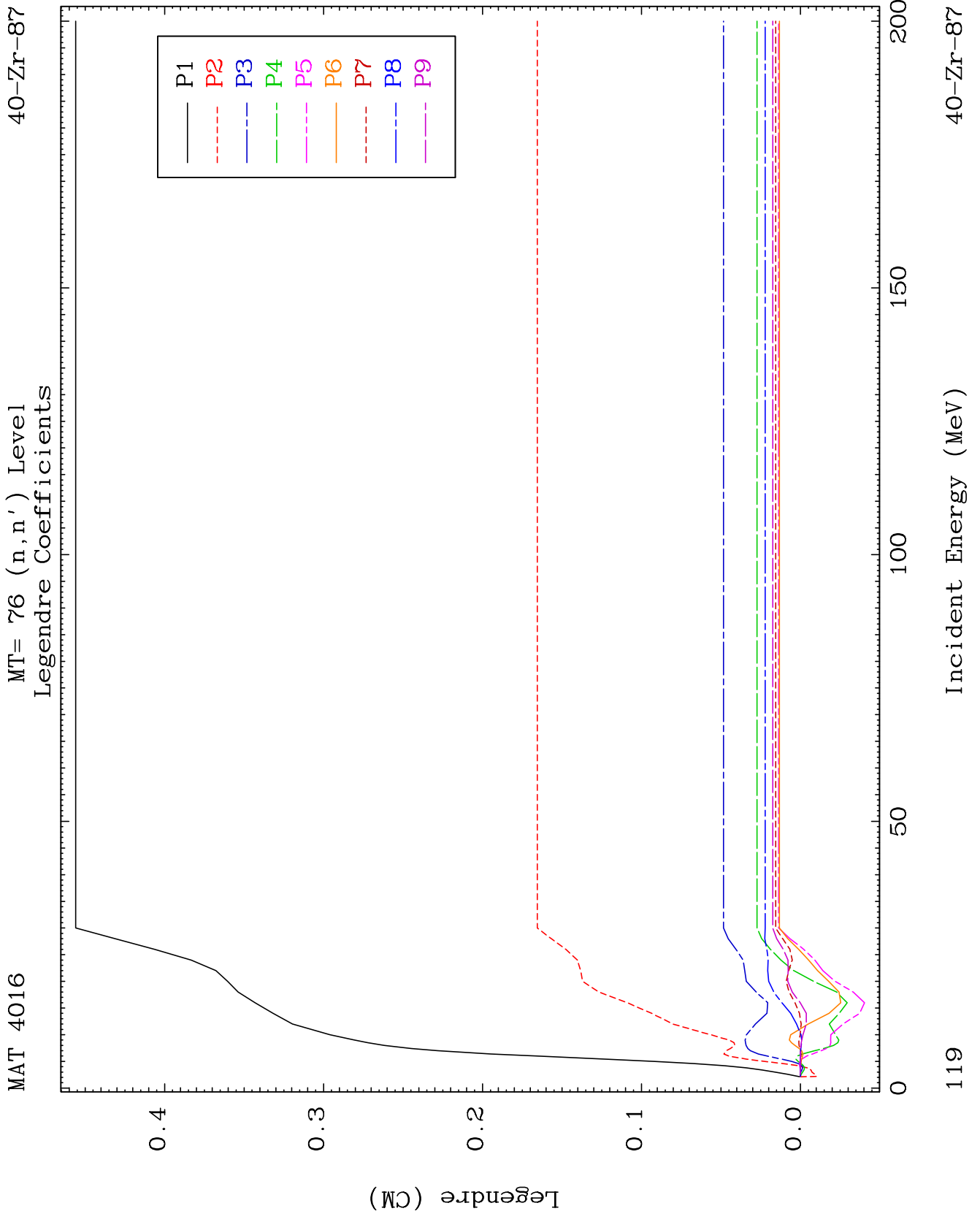


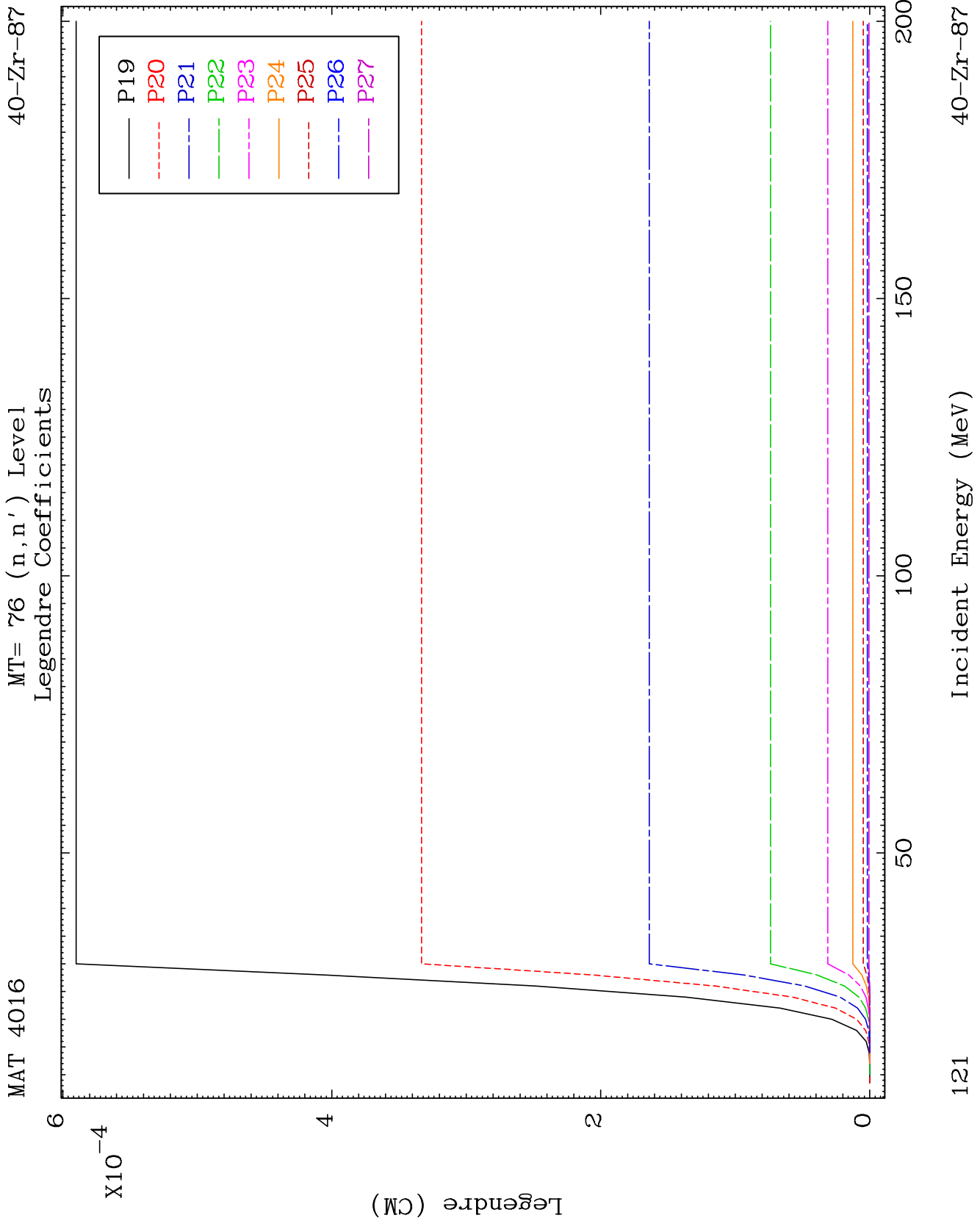


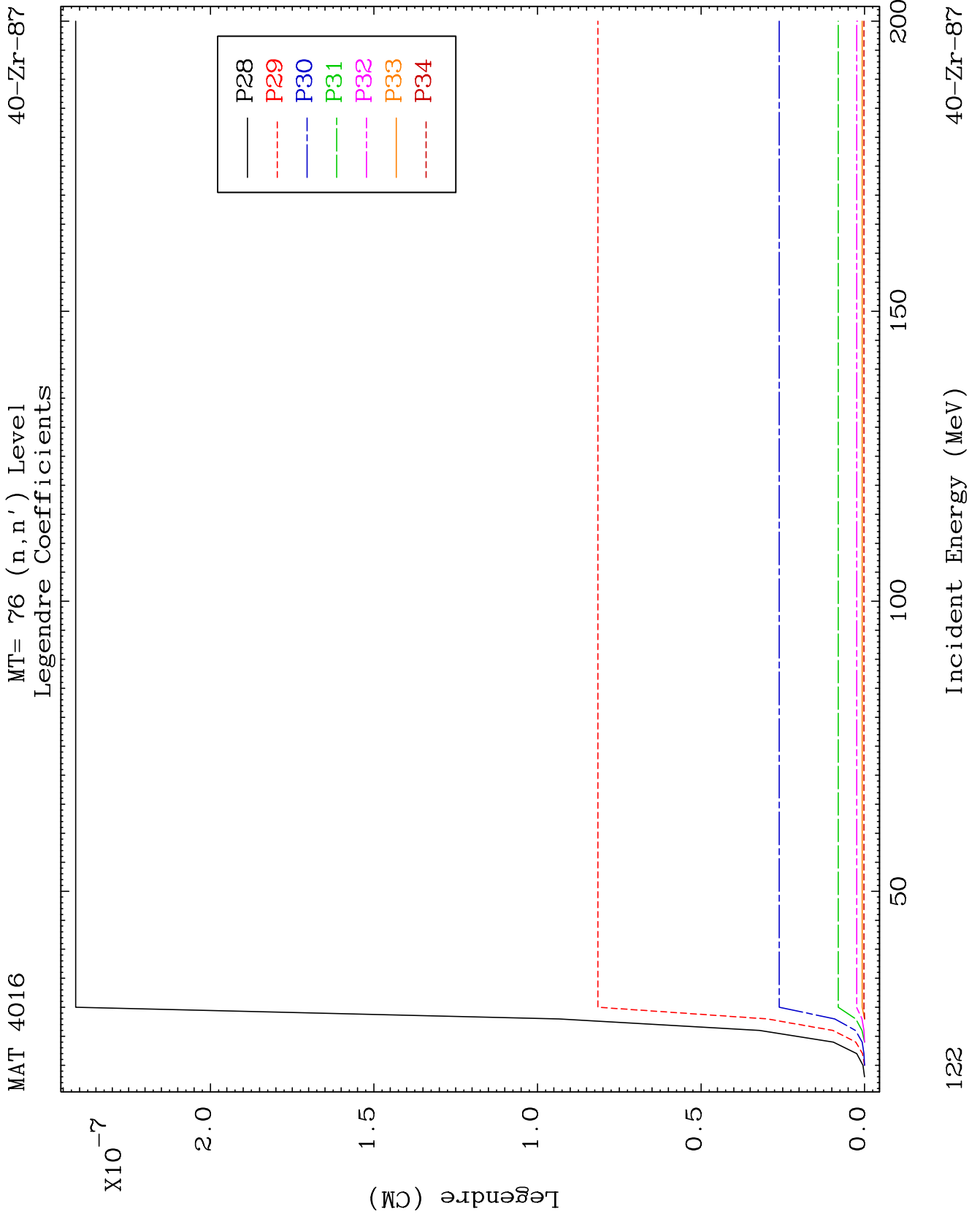


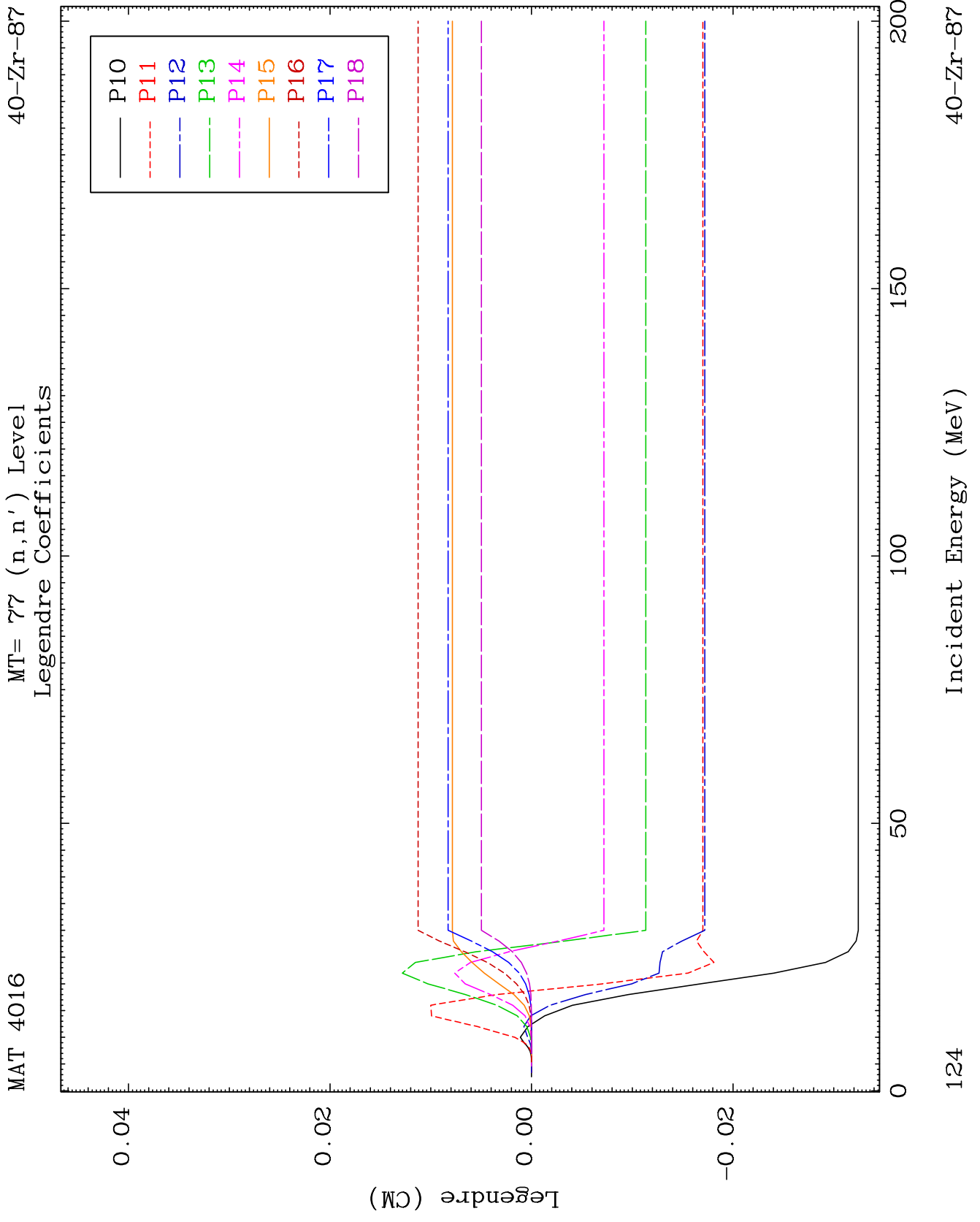


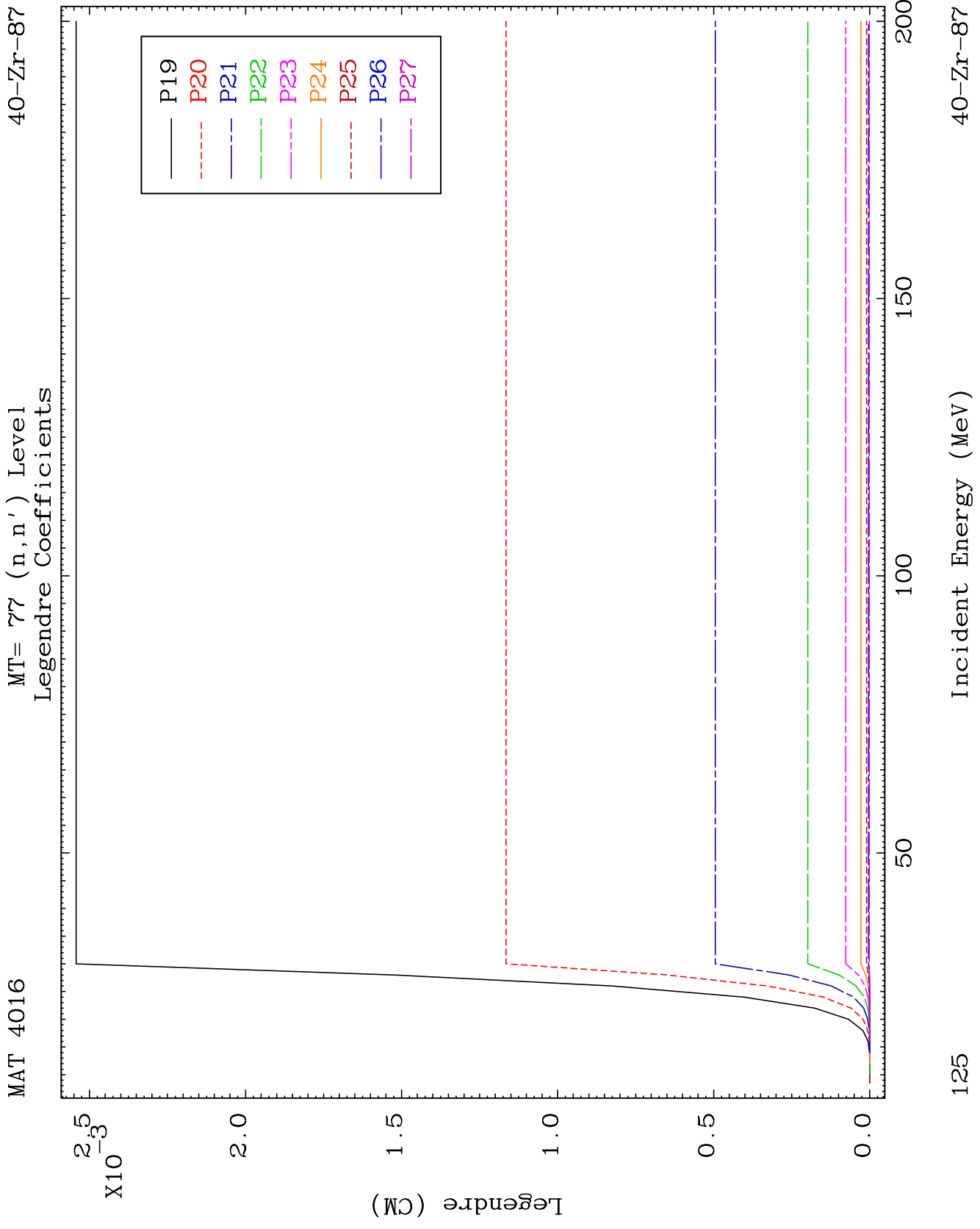








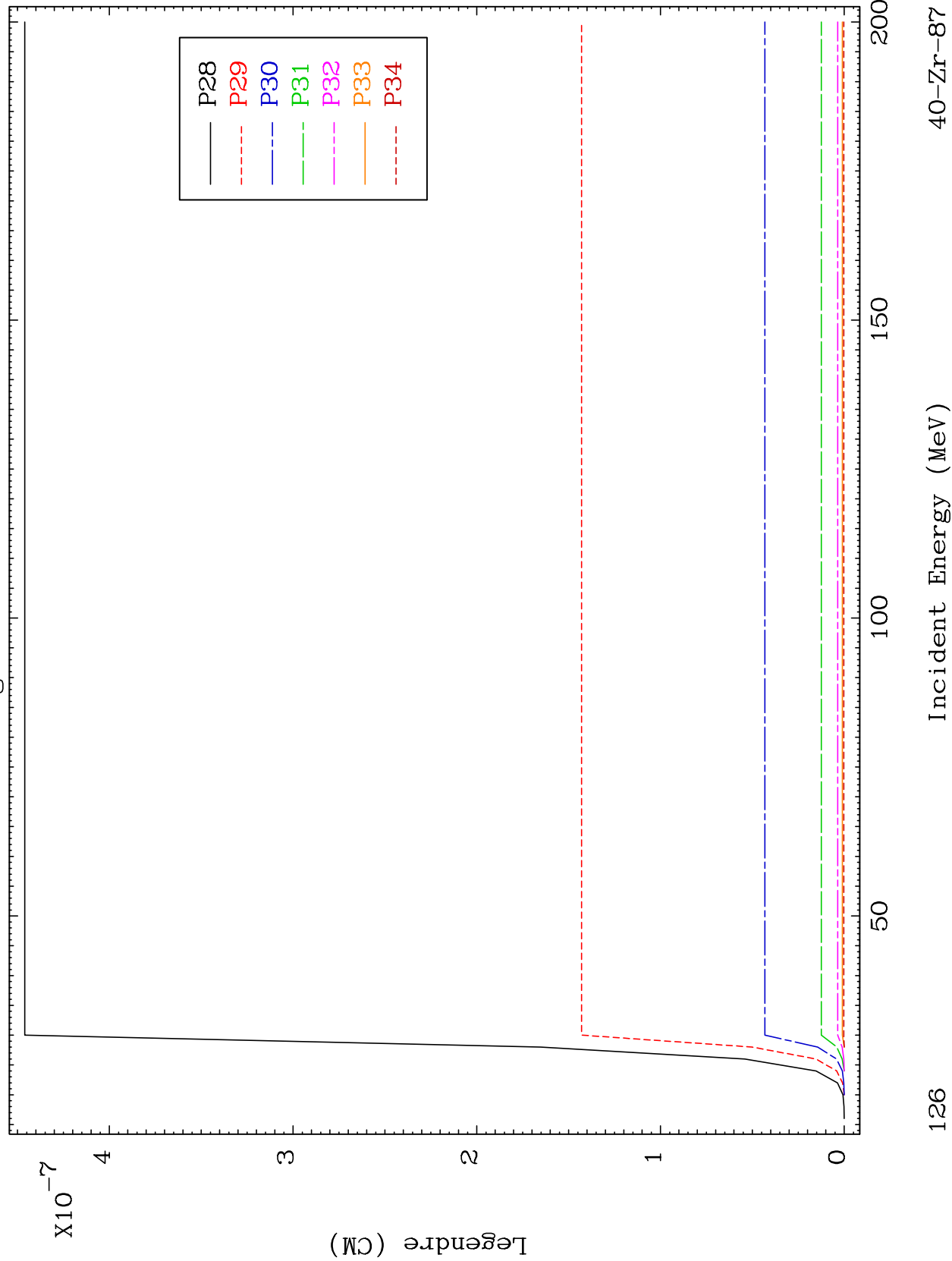




MAT 4016

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

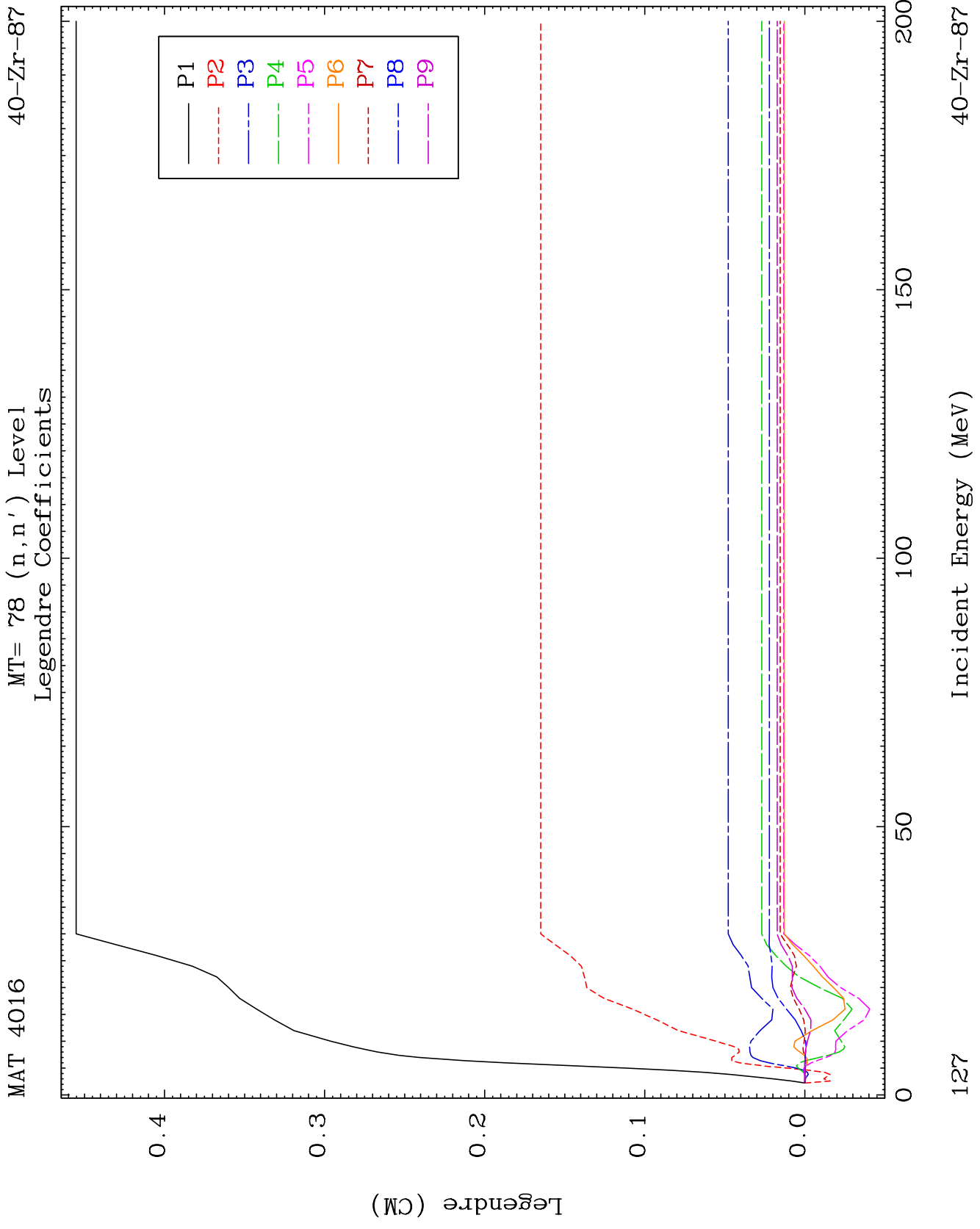
40-Zr-87

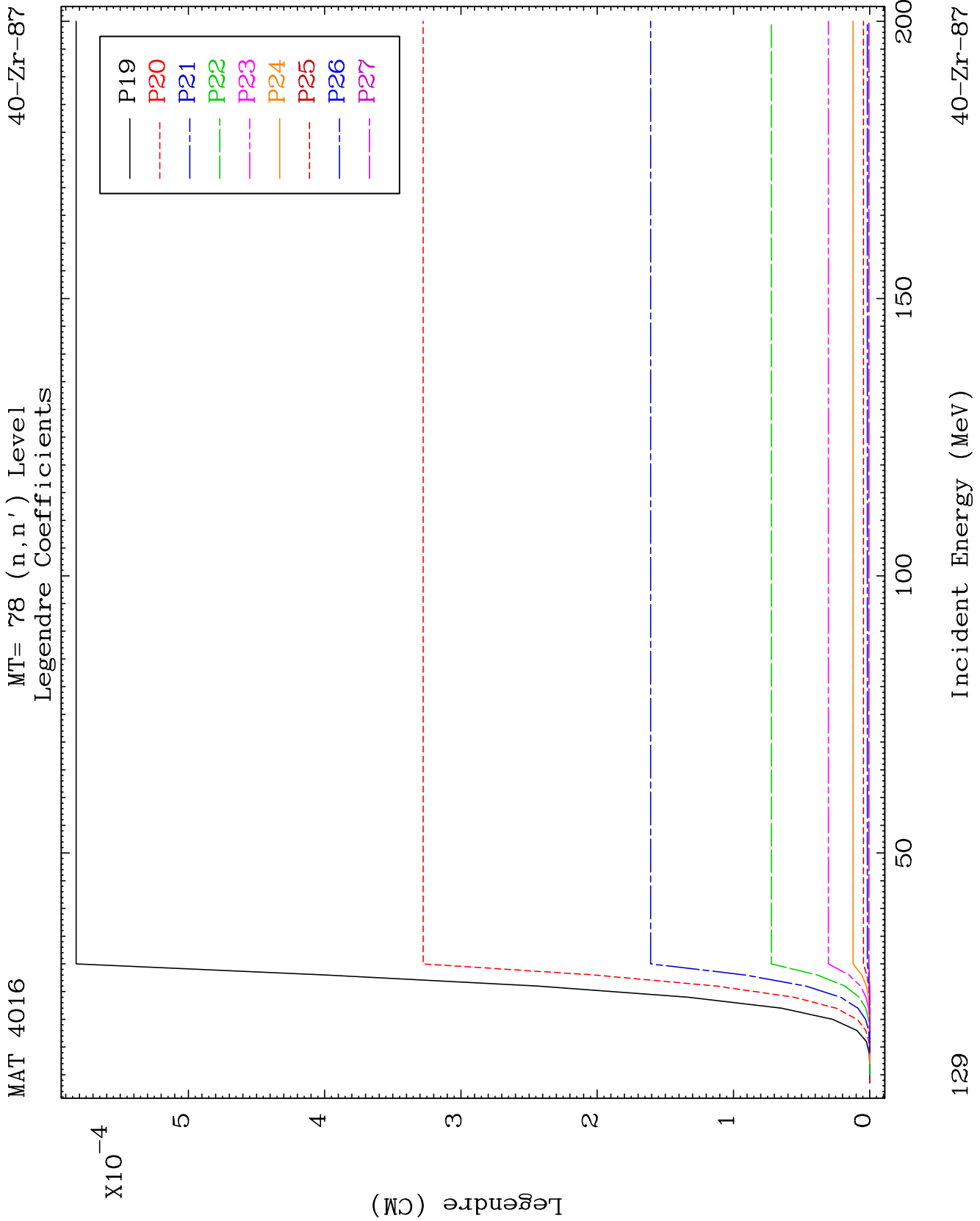


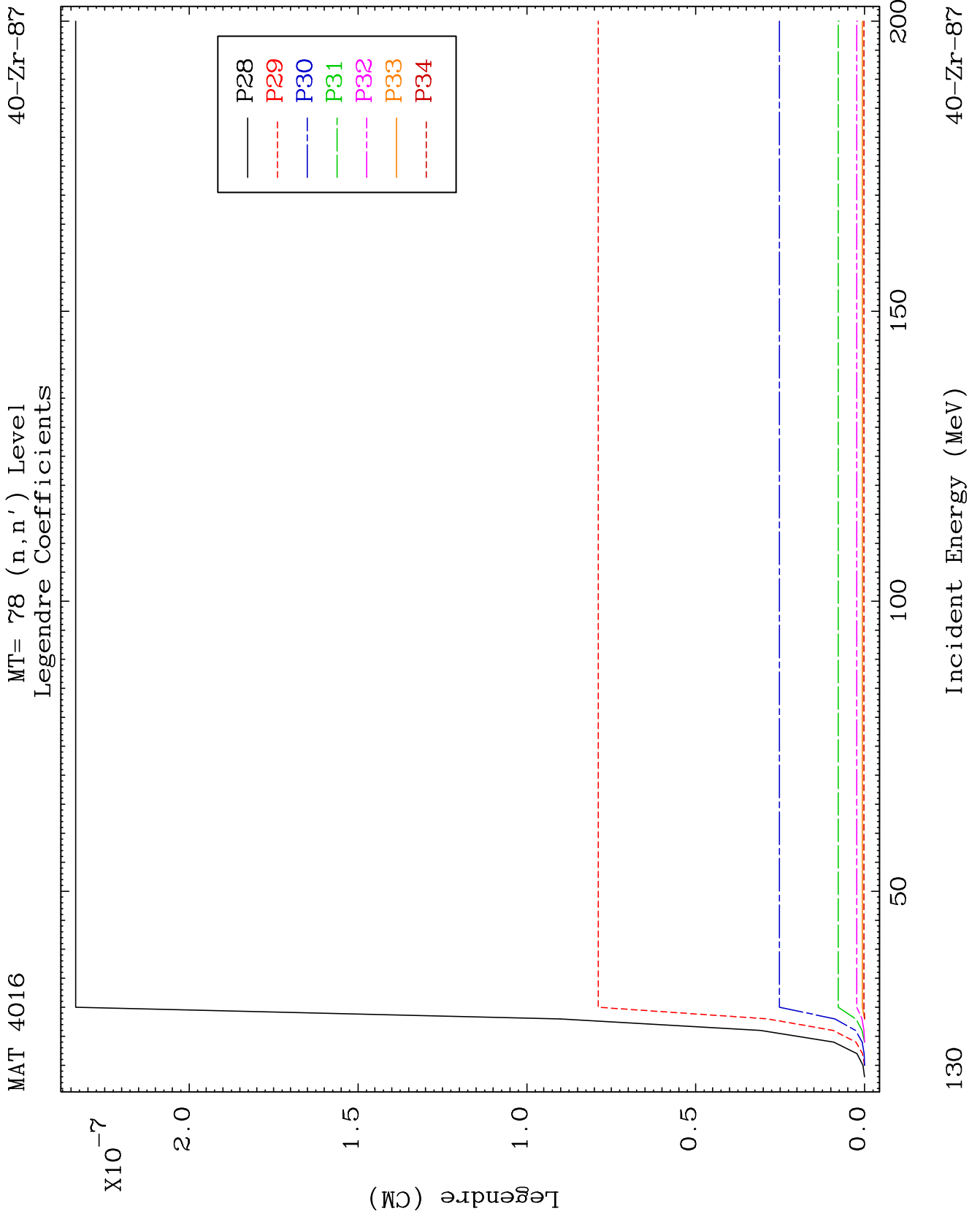
126

Incident Energy (MeV)

40-Zr-87



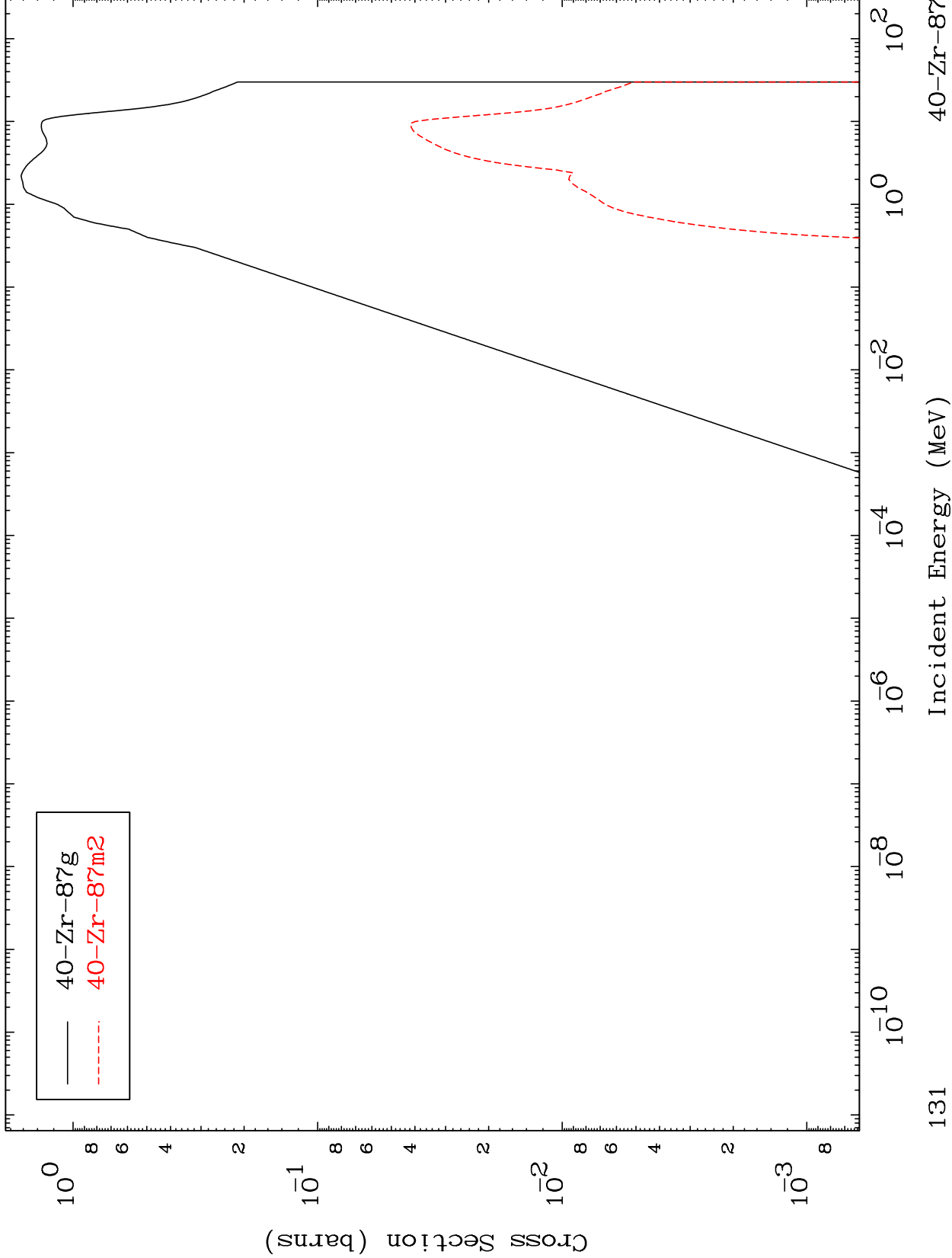




MAT 4016

Inelastic
Radionuclide Production Cross Section

40-Zr-87

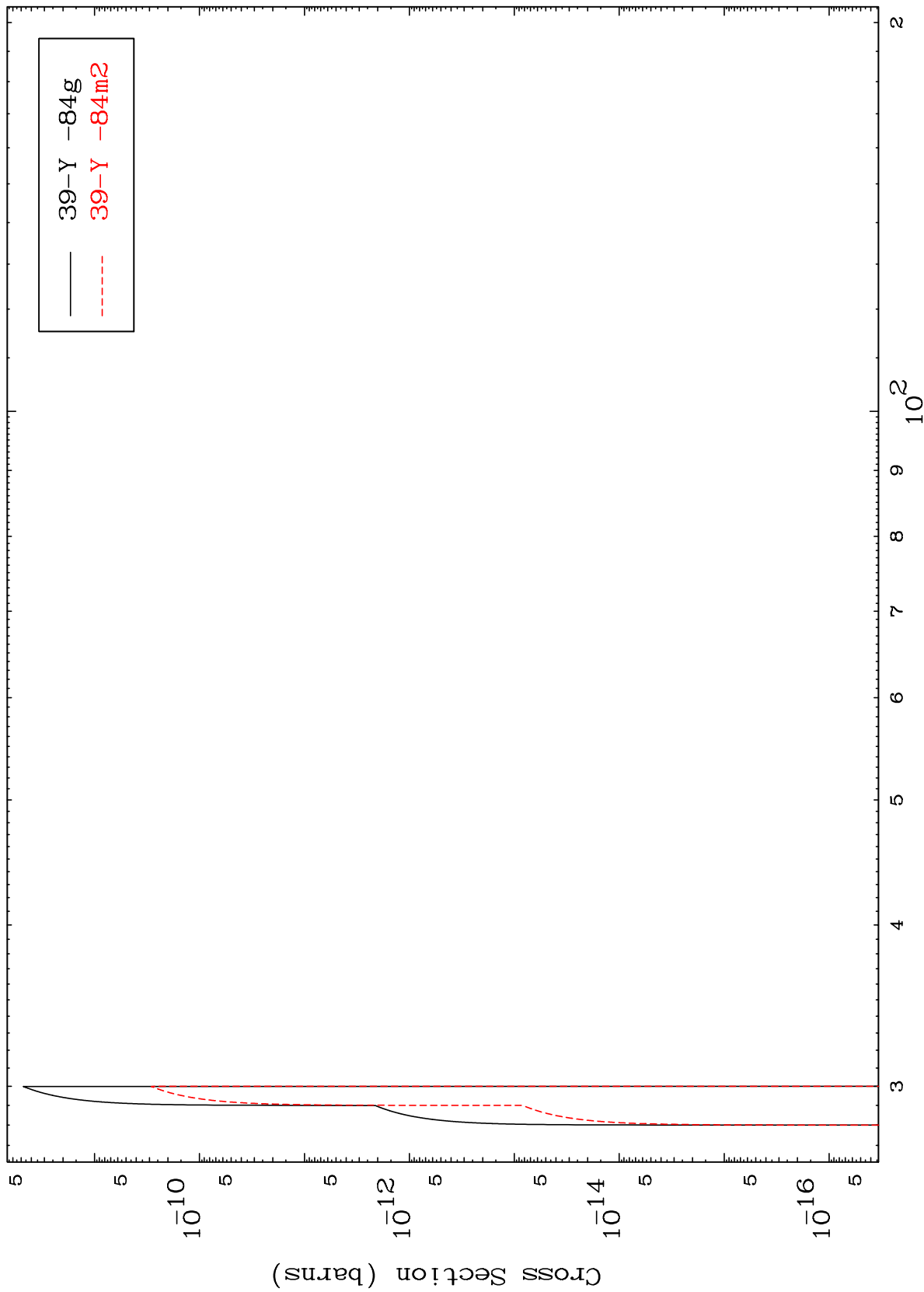


MAT 4016

(n,2n) d

40-Zr-87

Radionuclide Production Cross Section



132

Incident Energy (MeV)

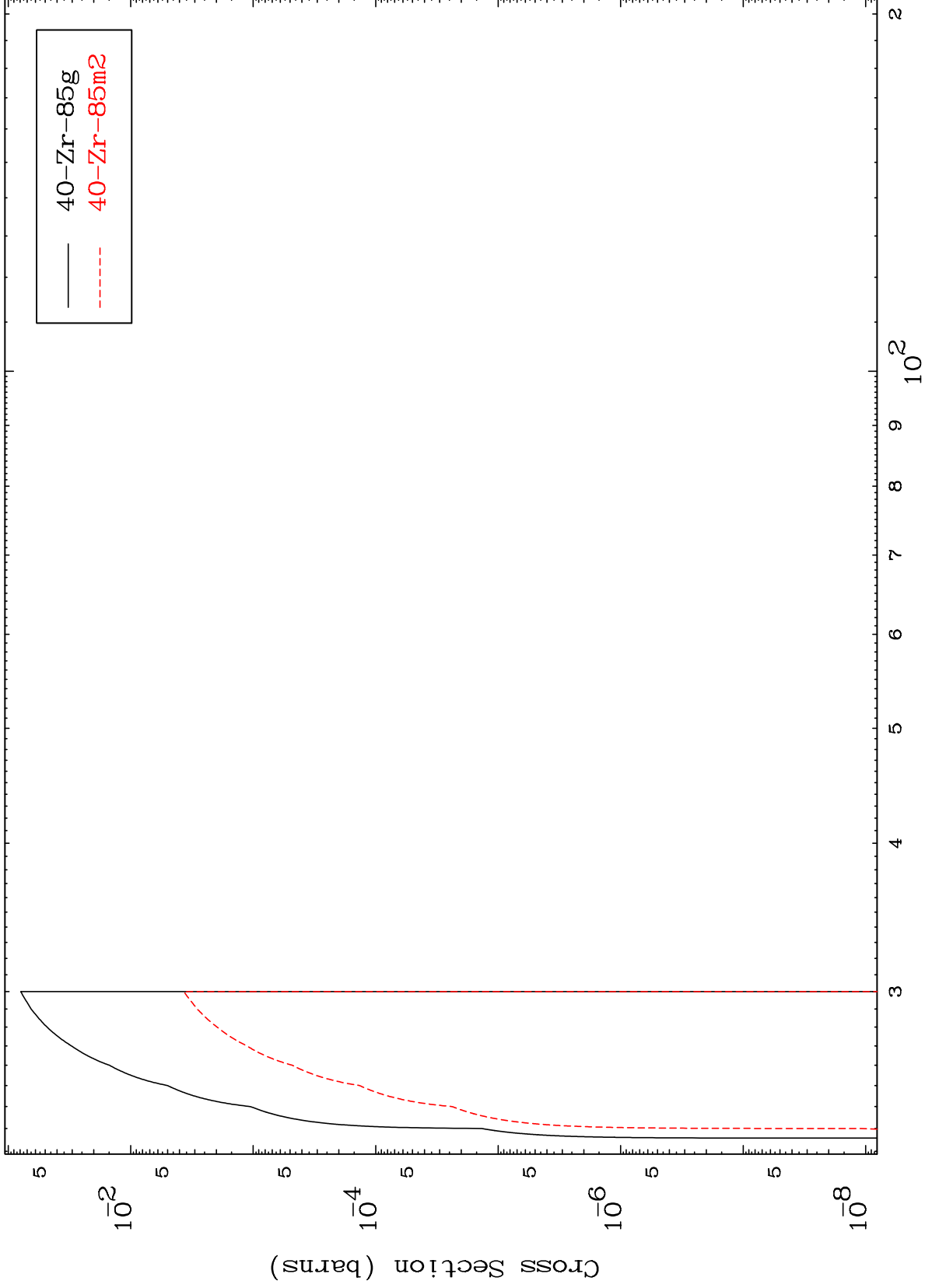
40-Zr-87

MAT 4016

(n,3n)

40-Zr-87

Radionuclide Production Cross Section



133

Incident Energy (MeV)

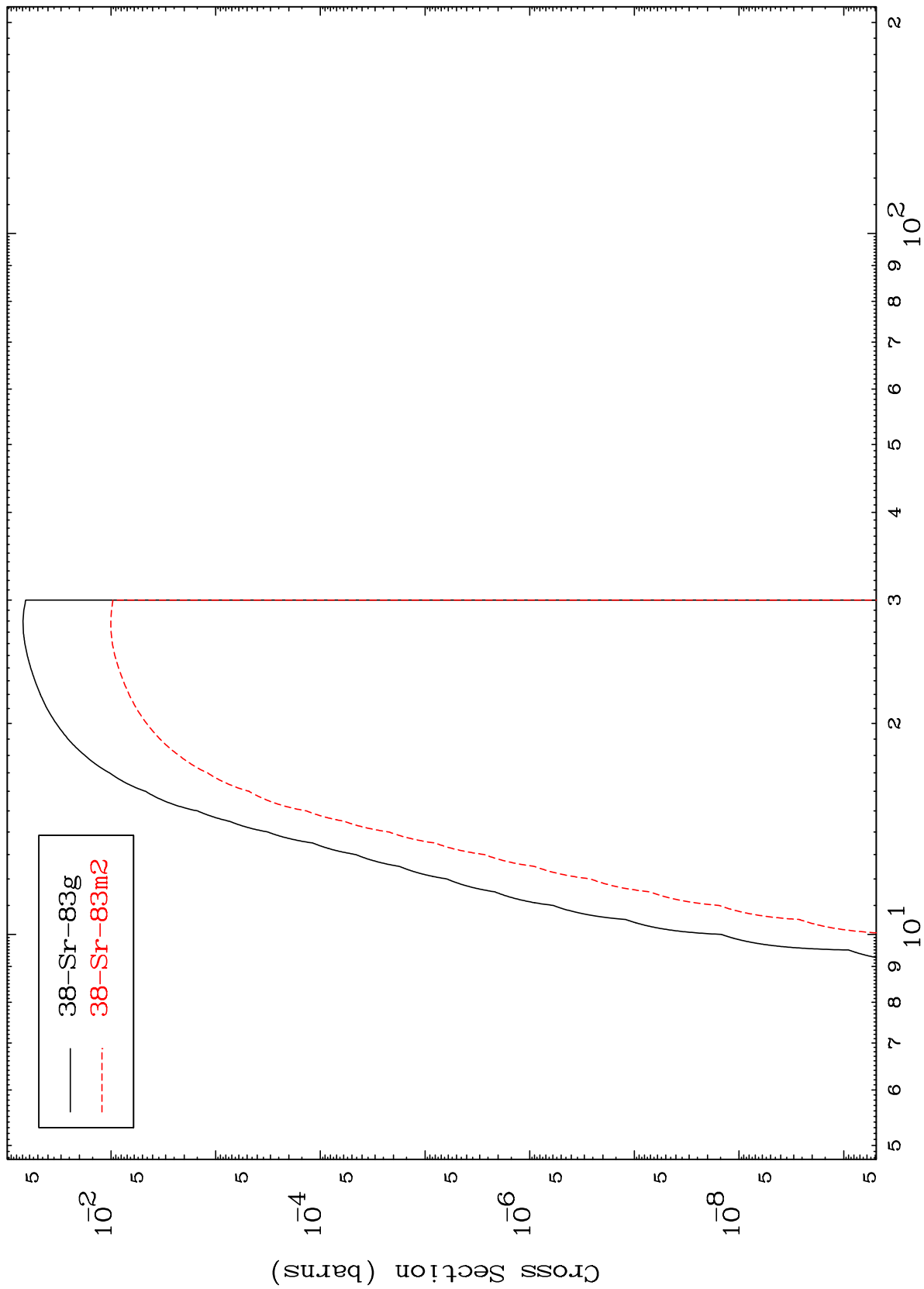
40-Zr-87

MAT 4016

(n,n') α

40-Zr-87

Radionuclide Production Cross Section

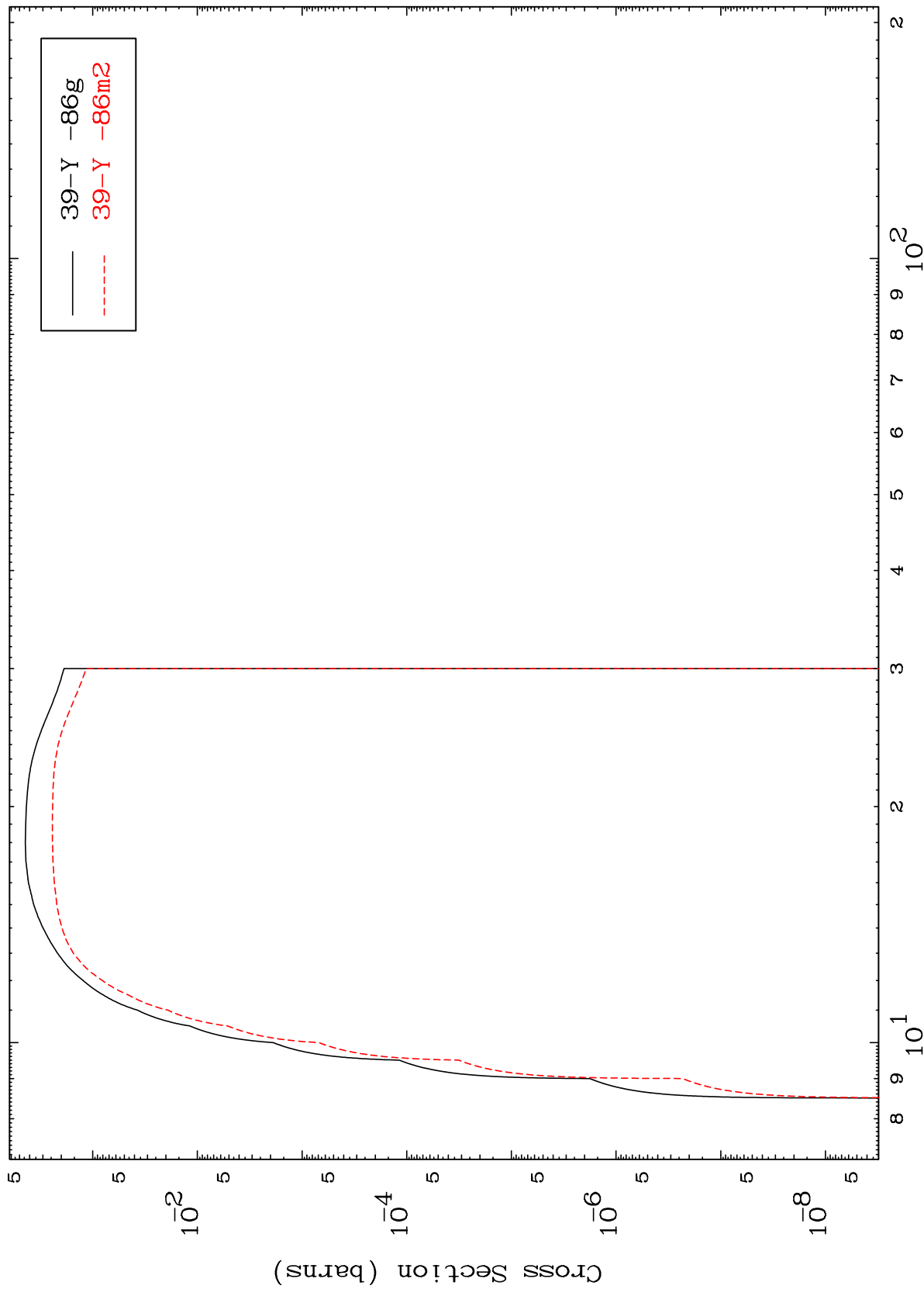


MAT 4016

(n,n') p

40-Zr-87

Radionuclide Production Cross Section



135

Incident Energy (MeV)

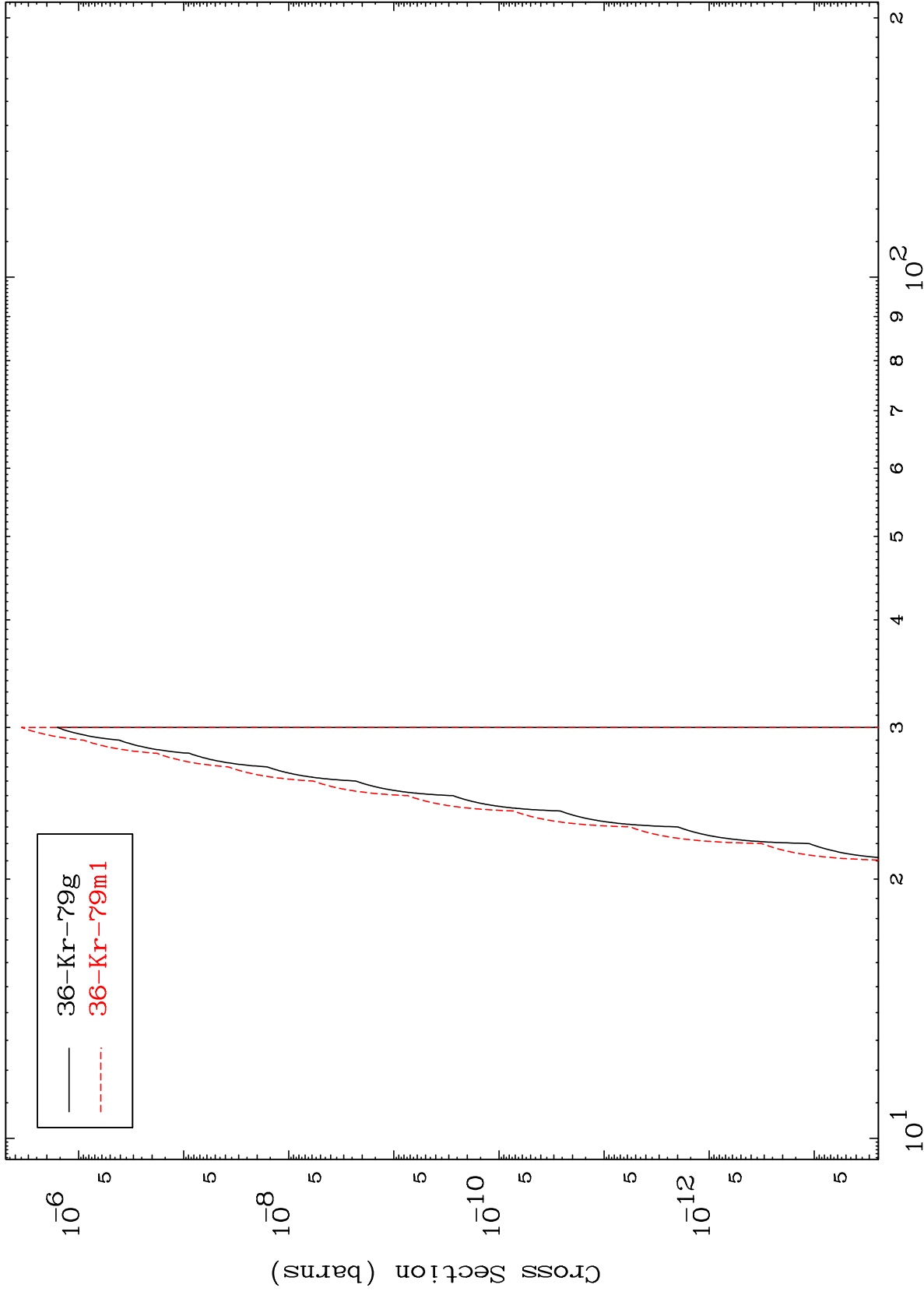
40-Zr-87

MAT 4016

(n,n') 2 α

40-Zr-87

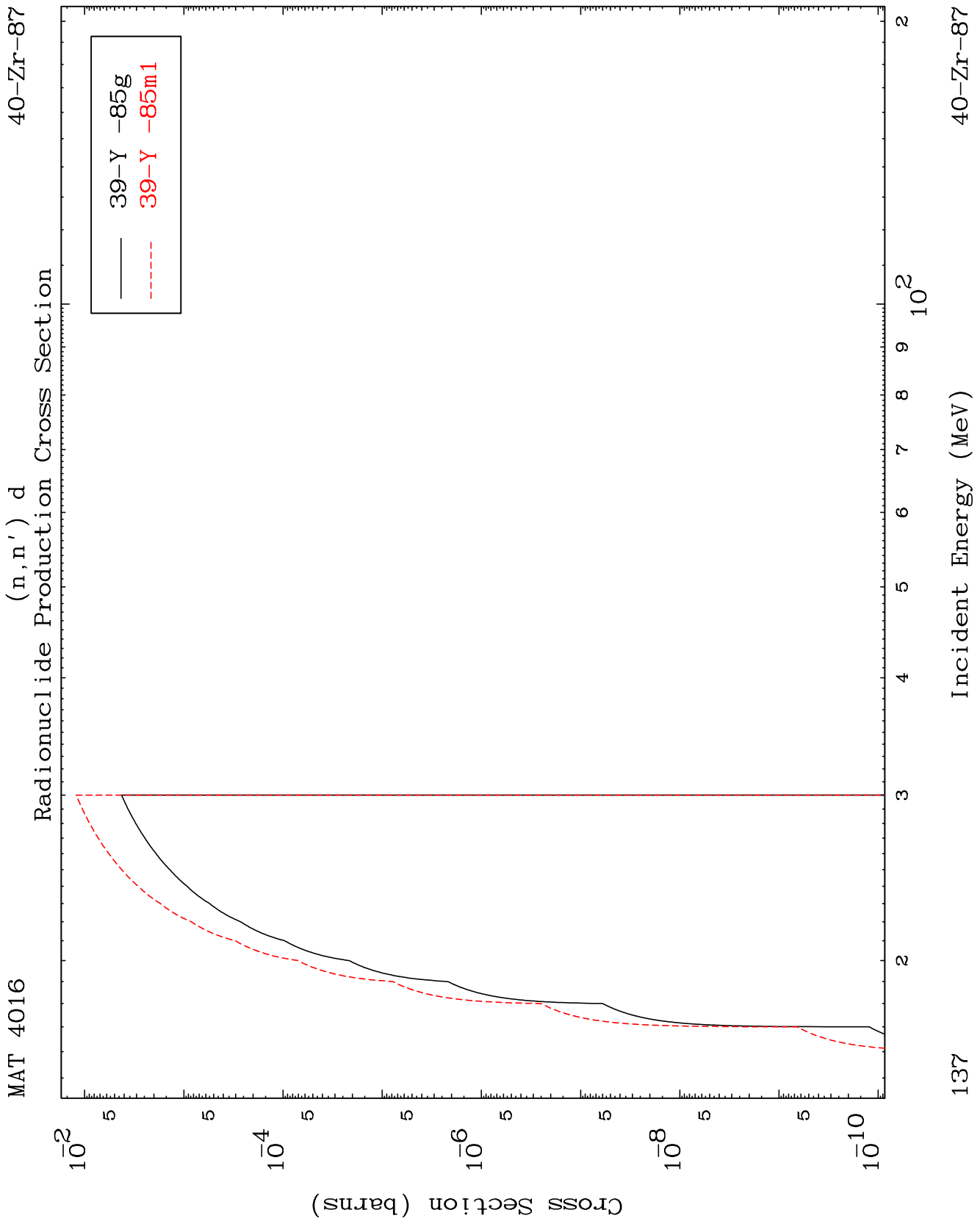
Radionuclide Production Cross Section



Incident Energy (MeV)

40-Zr-87

136

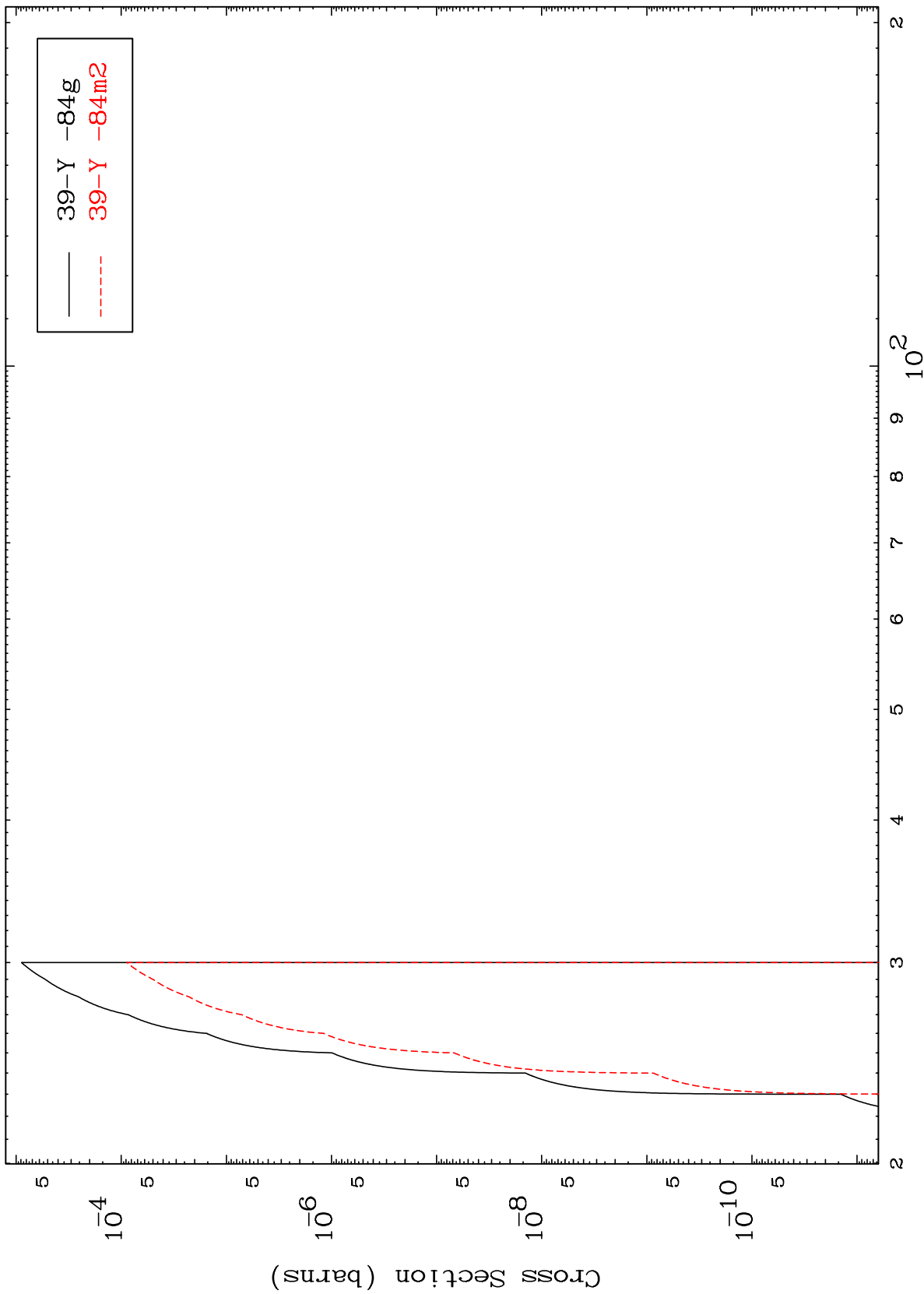


MAT 4016

(n,n') t

40-Zr-87

Radionuclide Production Cross Section

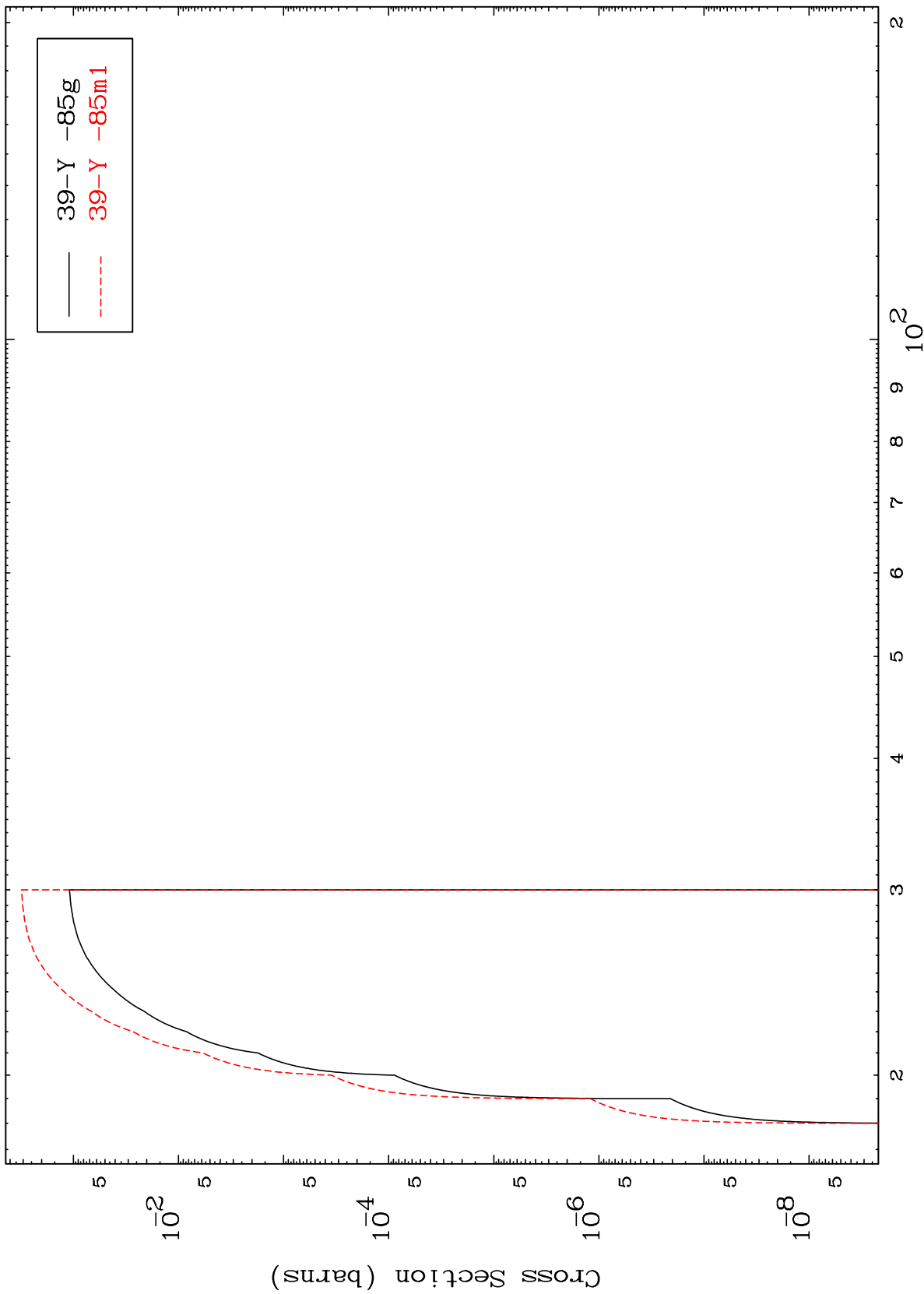


138

Incident Energy (MeV)

40-Zr-87

Radionuclide Production Cross Section

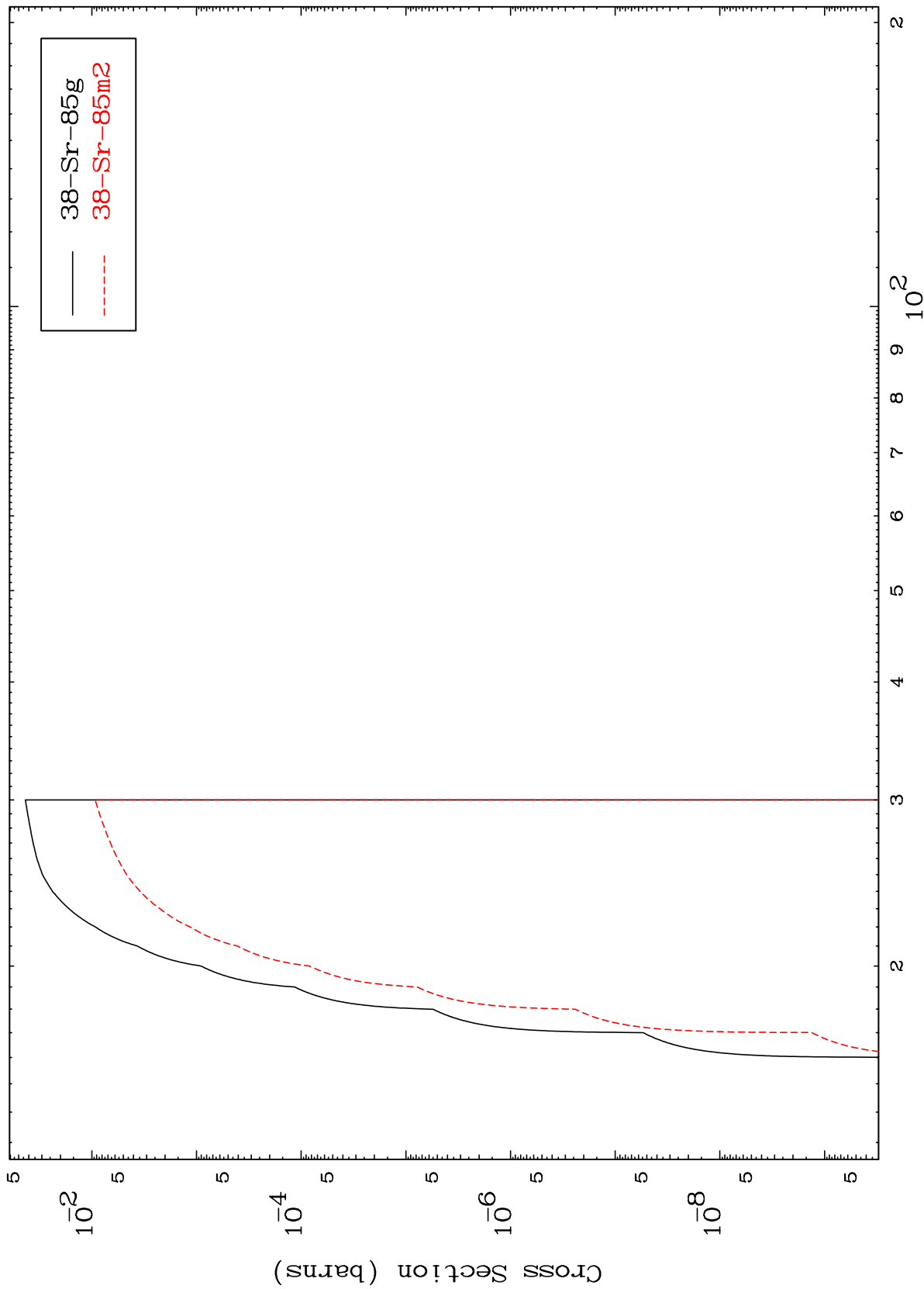


MAT 4016

(n,2n) p

40-Zr-87

Radionuclide Production Cross Section



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

140

Incident Energy (MeV)

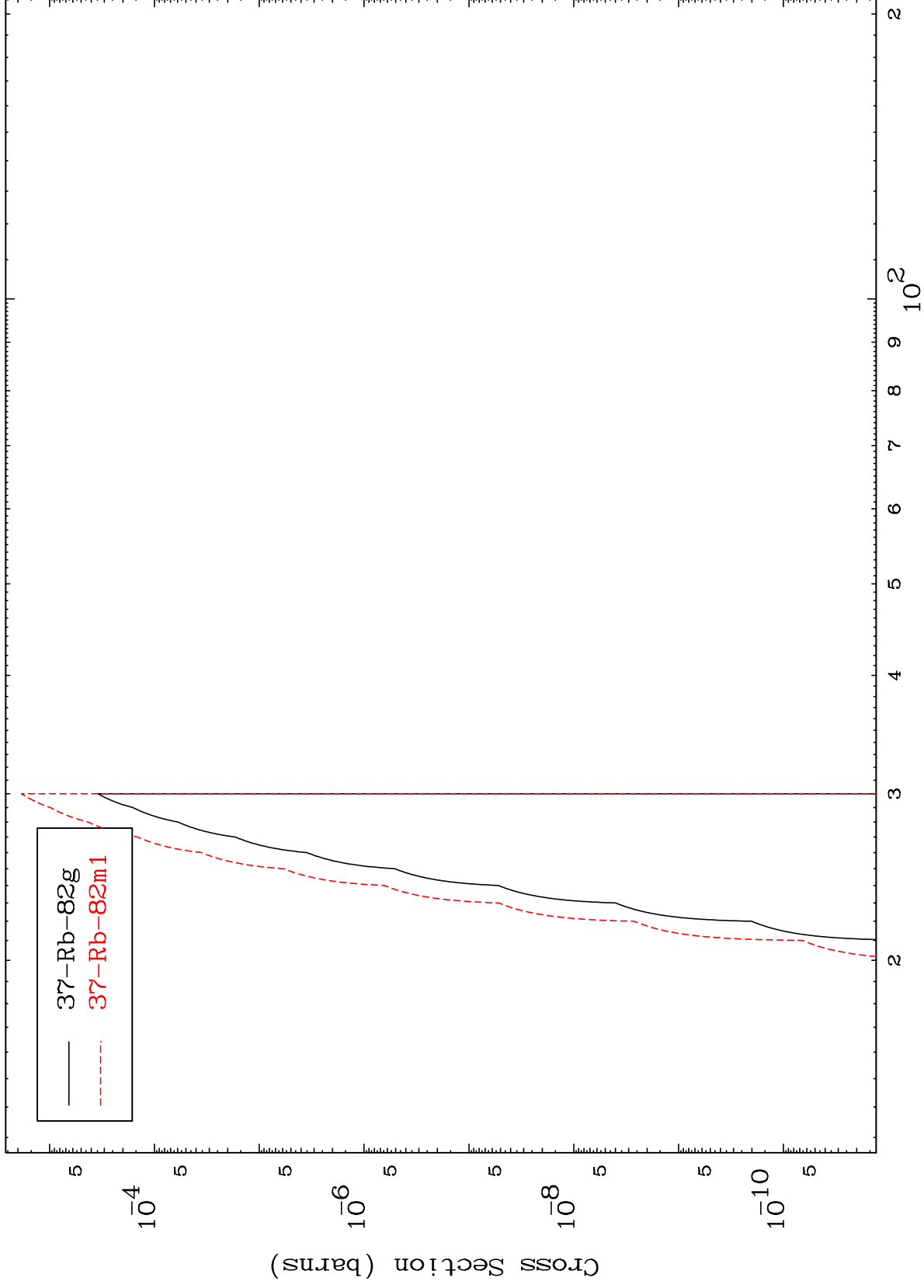
40-Zr-87

MAT 4016

(n,n') p α

40-Zr-87

Radionuclide Production Cross Section



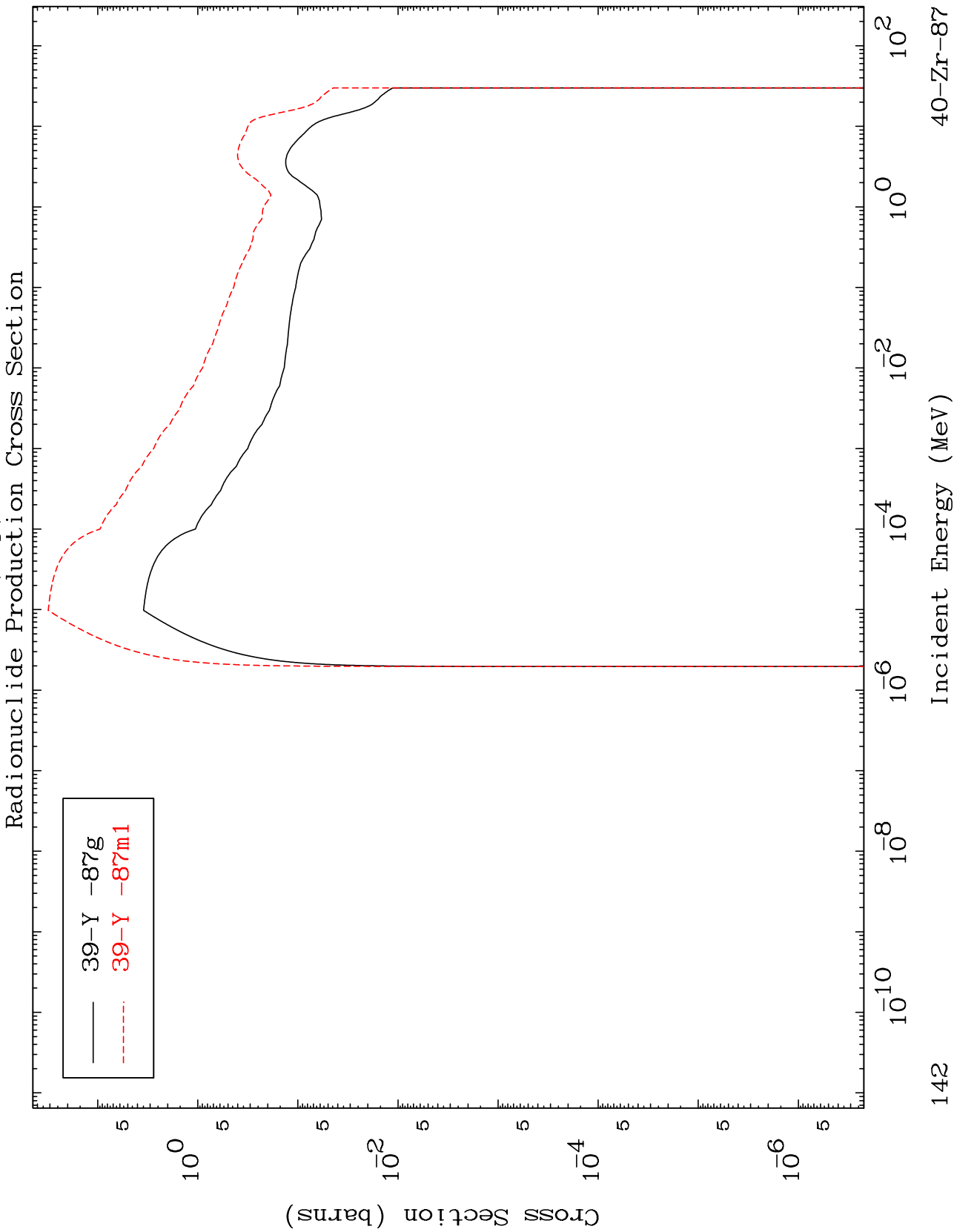
141

Incident Energy (MeV)

40-Zr-87

MAT 4016

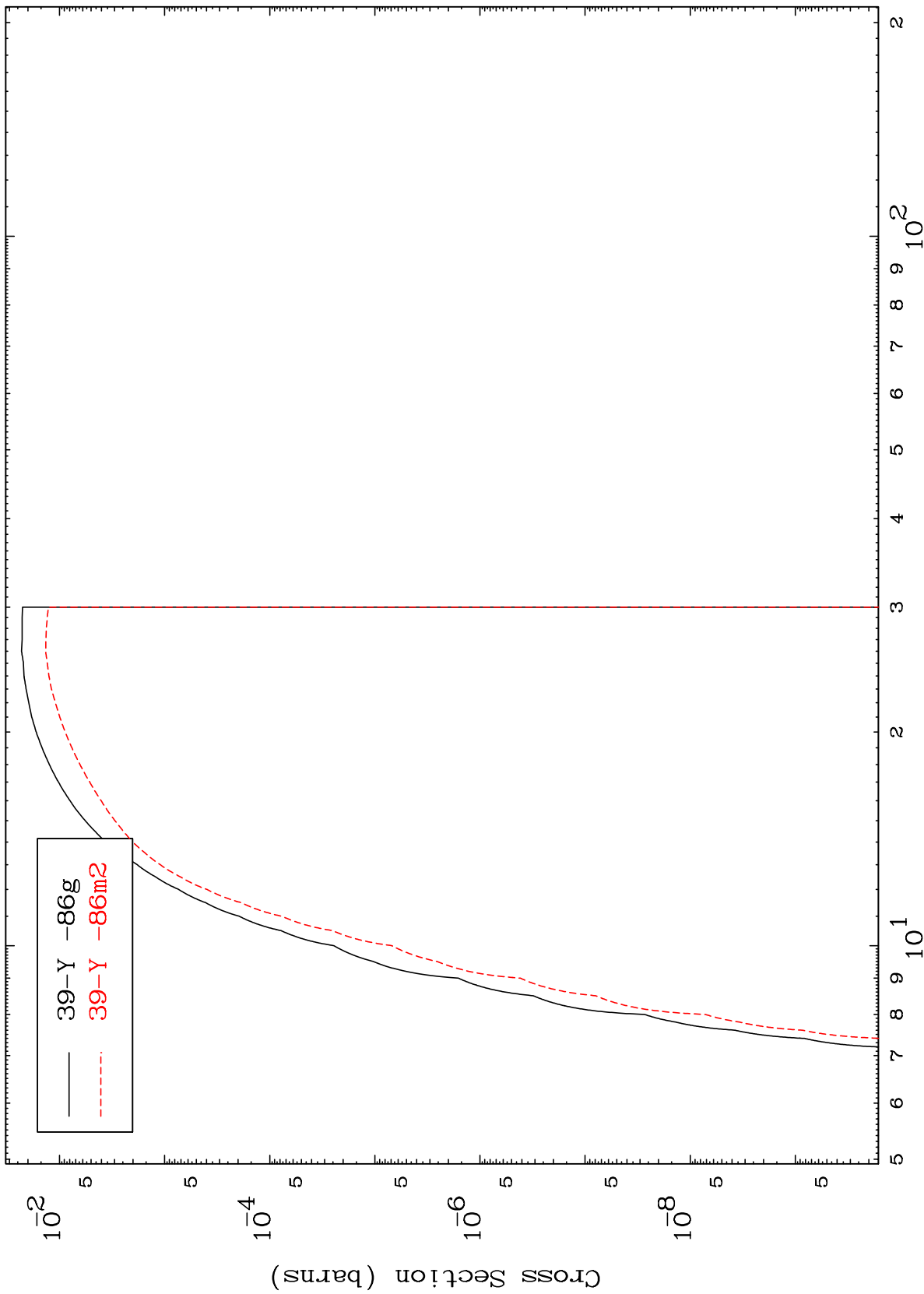
40-Zr-87



MAT 4016

40-Zr-87

(n,d)
Radionuclide Production Cross Section



40-Zr-87

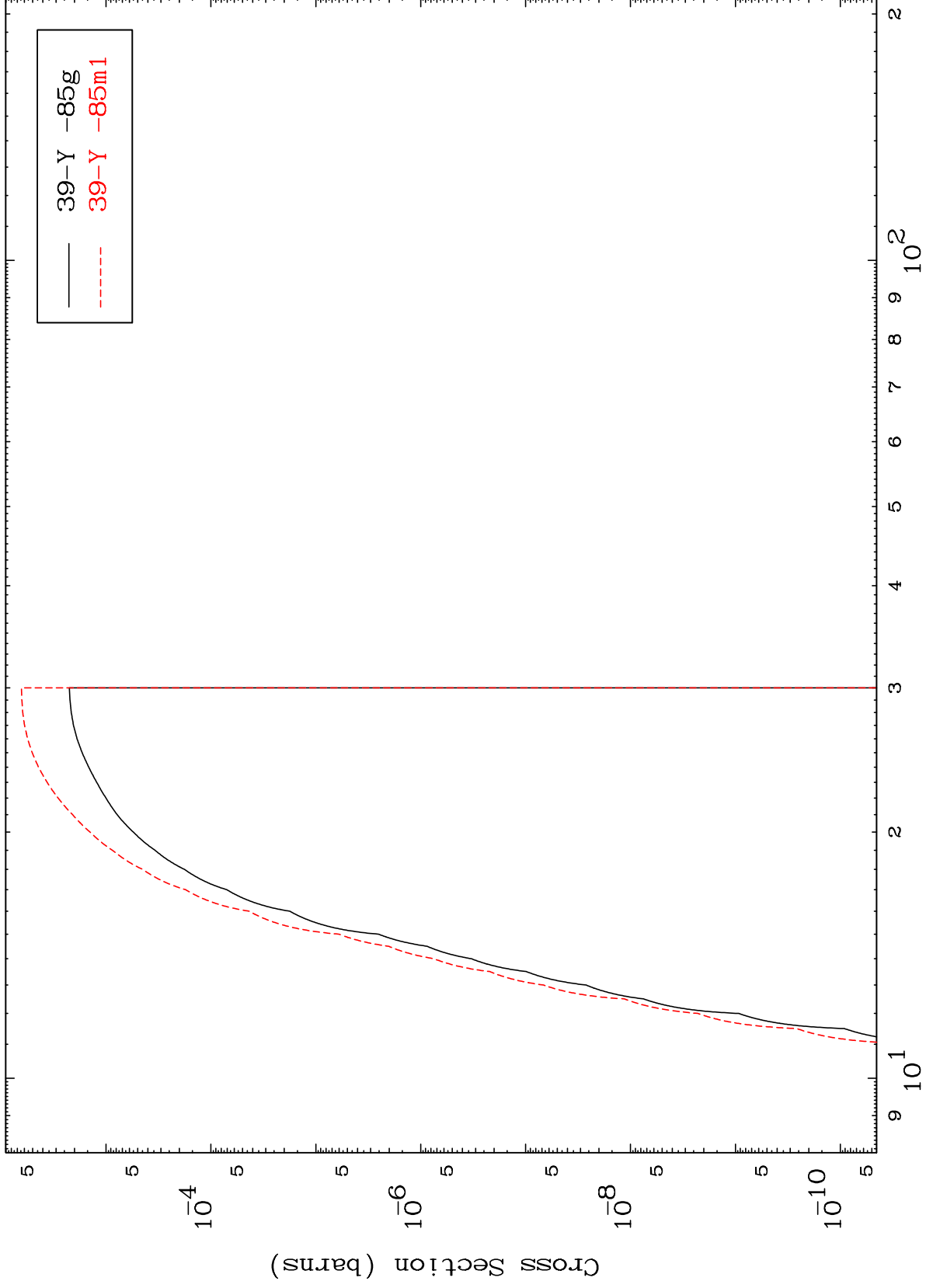
Incident Energy (MeV)

143

MAT 4016

40-Zr-87

(n,t)
Radionuclide Production Cross Section



40-Zr-87

Incident Energy (MeV)

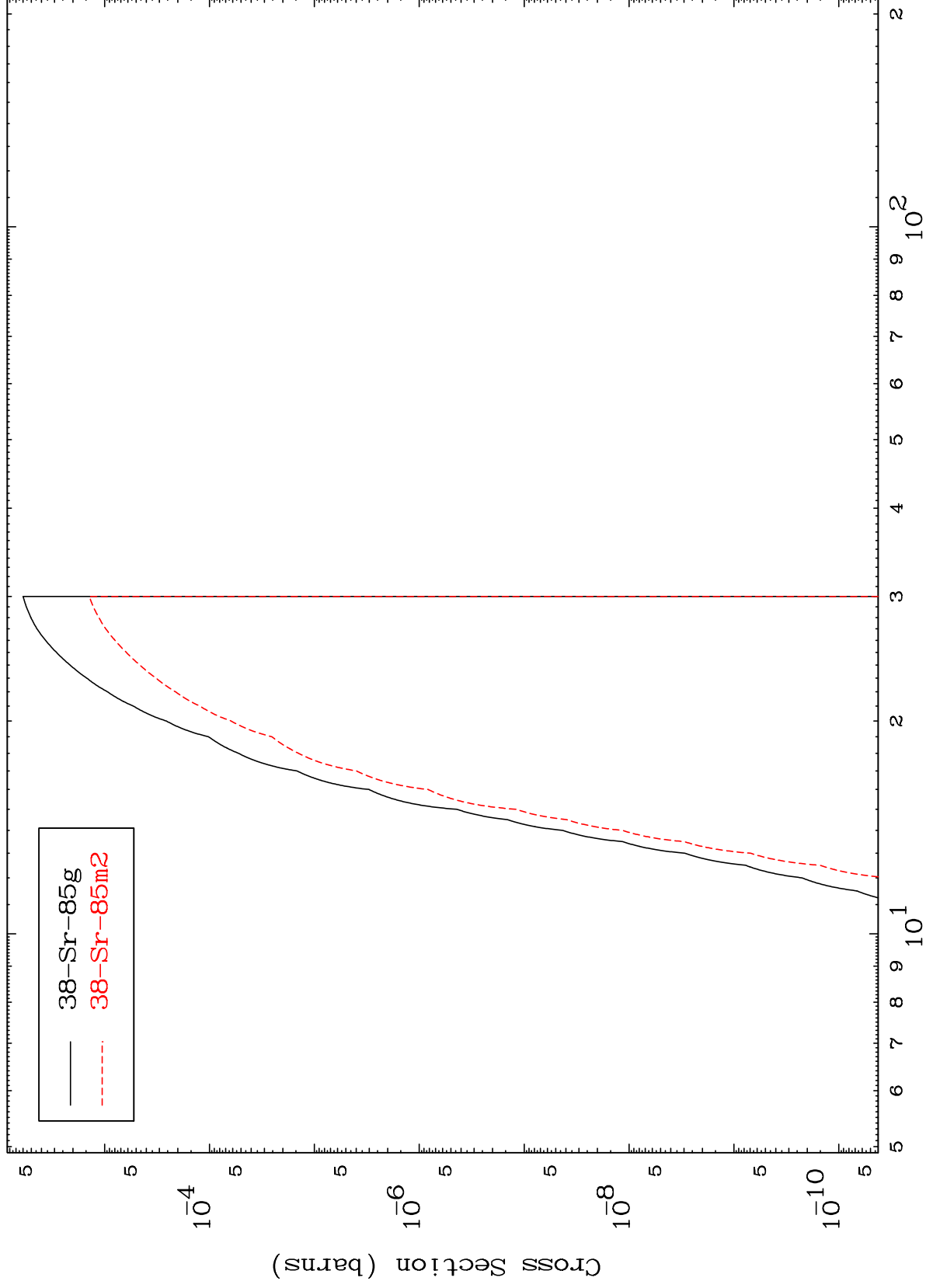
144

MAT 4016

(n,He-3)

40-Zr-87

Radionuclide Production Cross Section



145

Incident Energy (MeV)

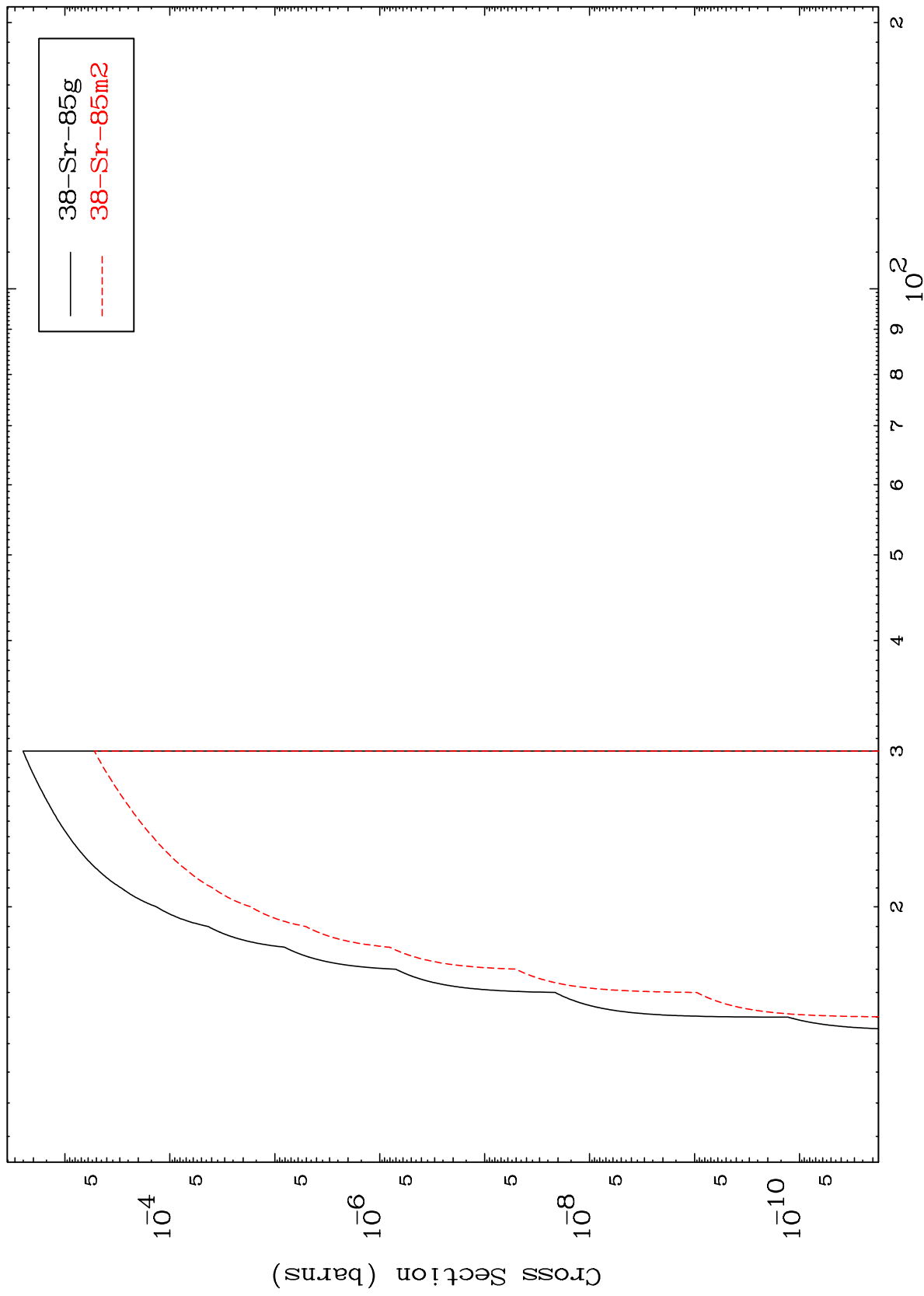
40-Zr-87

MAT 4016

(n,p) d

40-Zr-87

Radionuclide Production Cross Section



146

Incident Energy (MeV)

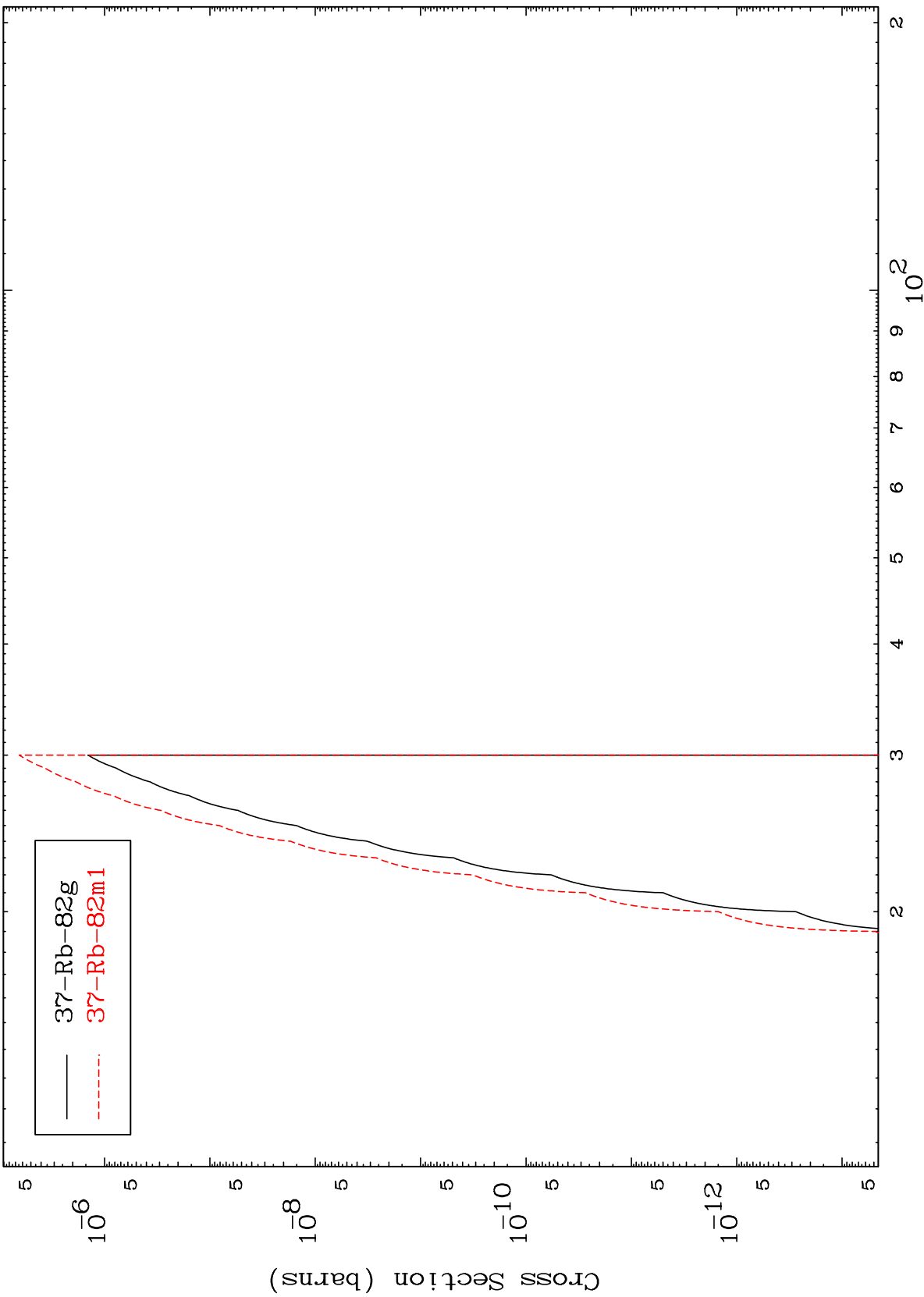
40-Zr-87

MAT 4016

(n,d) α

40-Zr-87

Radionuclide Production Cross Section



147

Incident Energy (MeV)

40-Zr-87