

Program EVALPLOT
(Version 2017-1)

by

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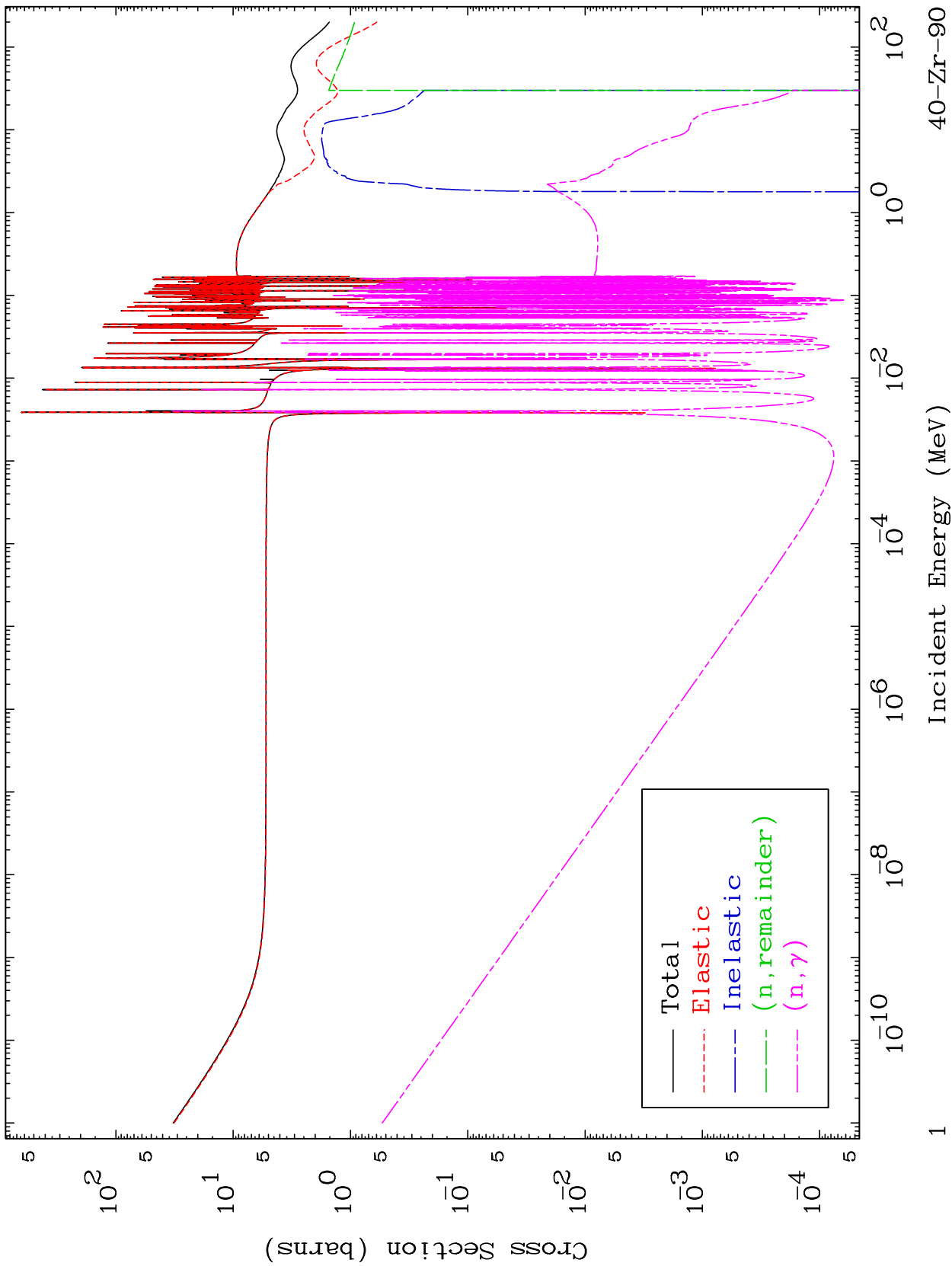
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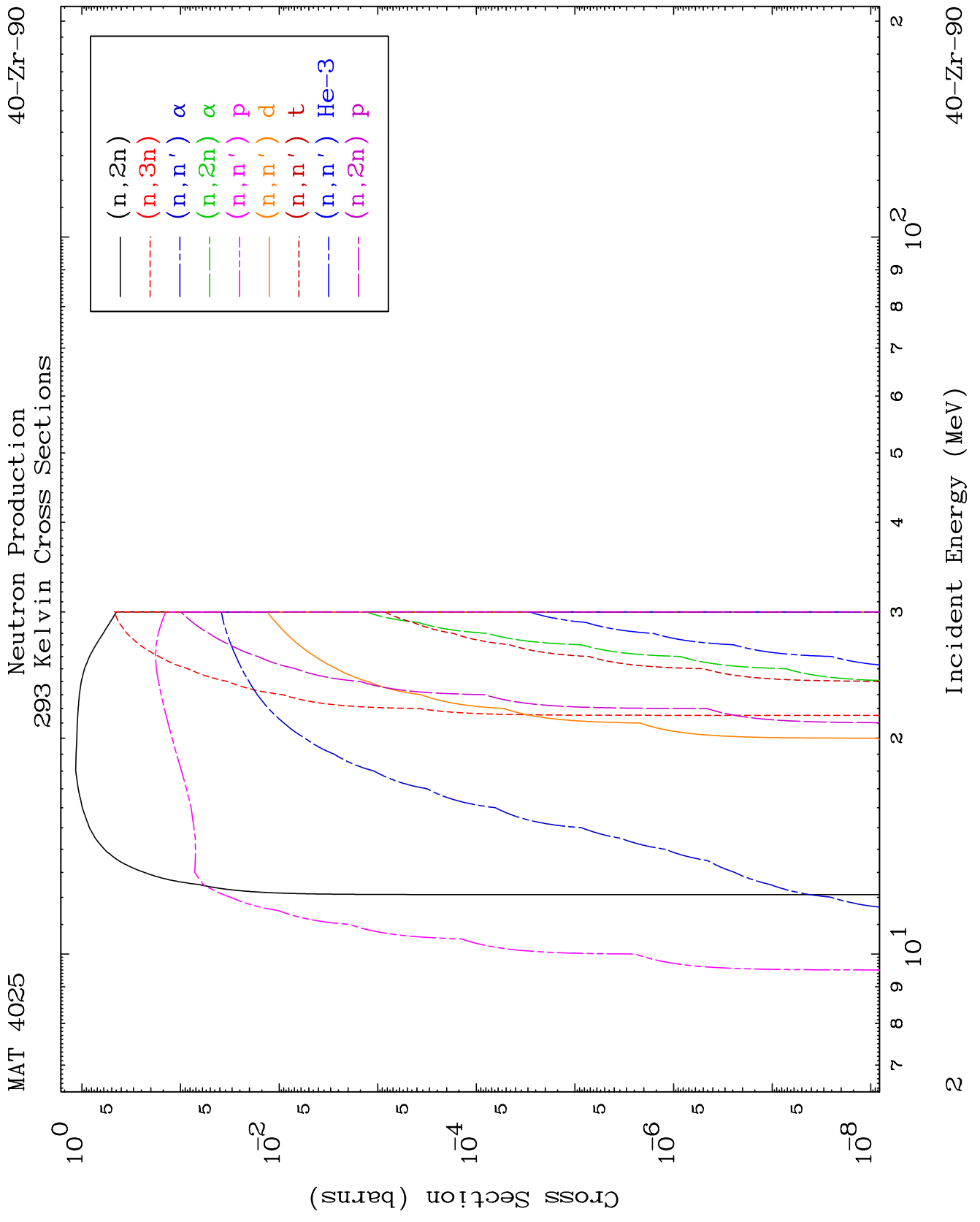
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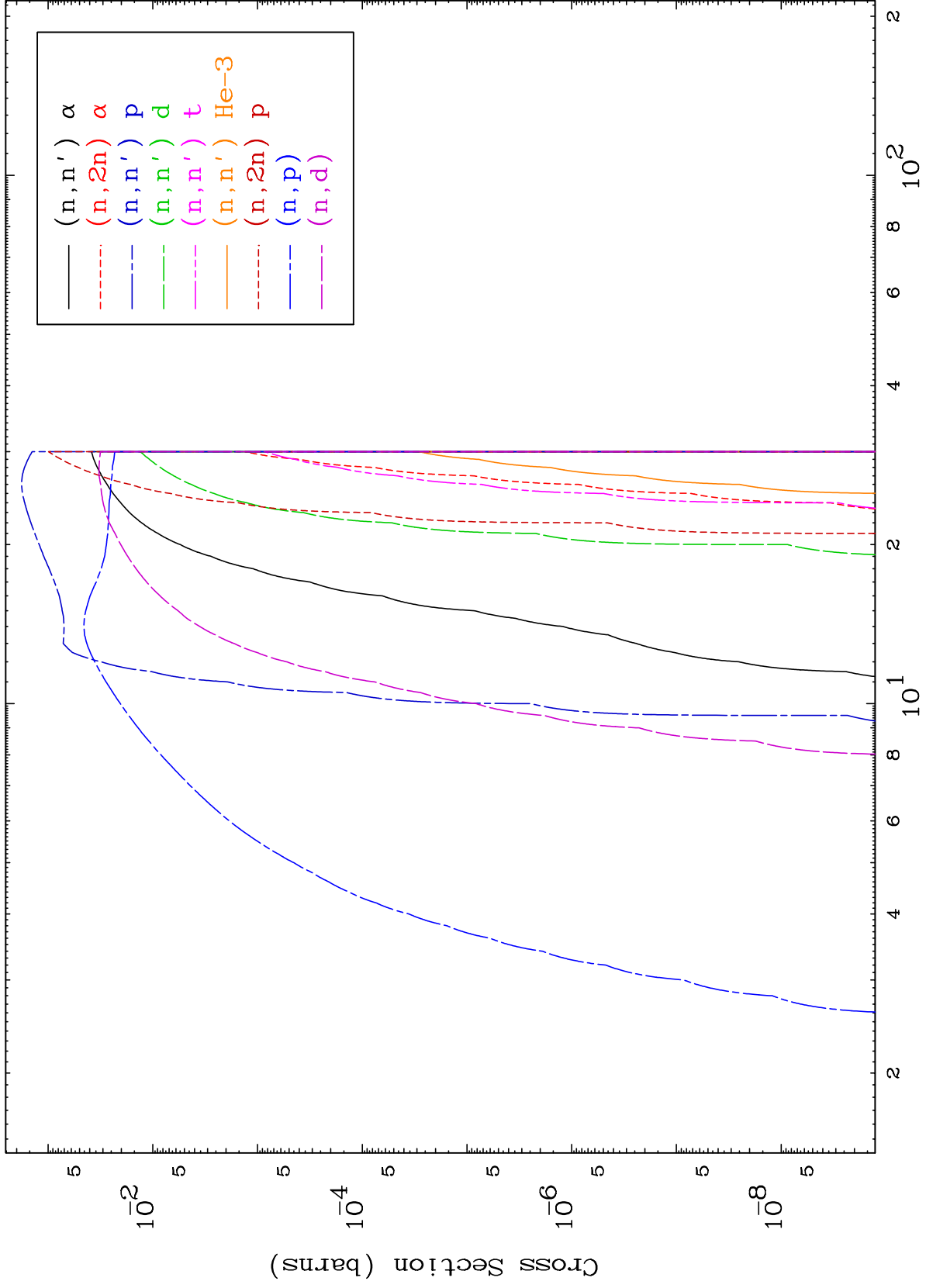
MAT 4025

Major
293 Kelvin Cross Sections

40-Zr-90



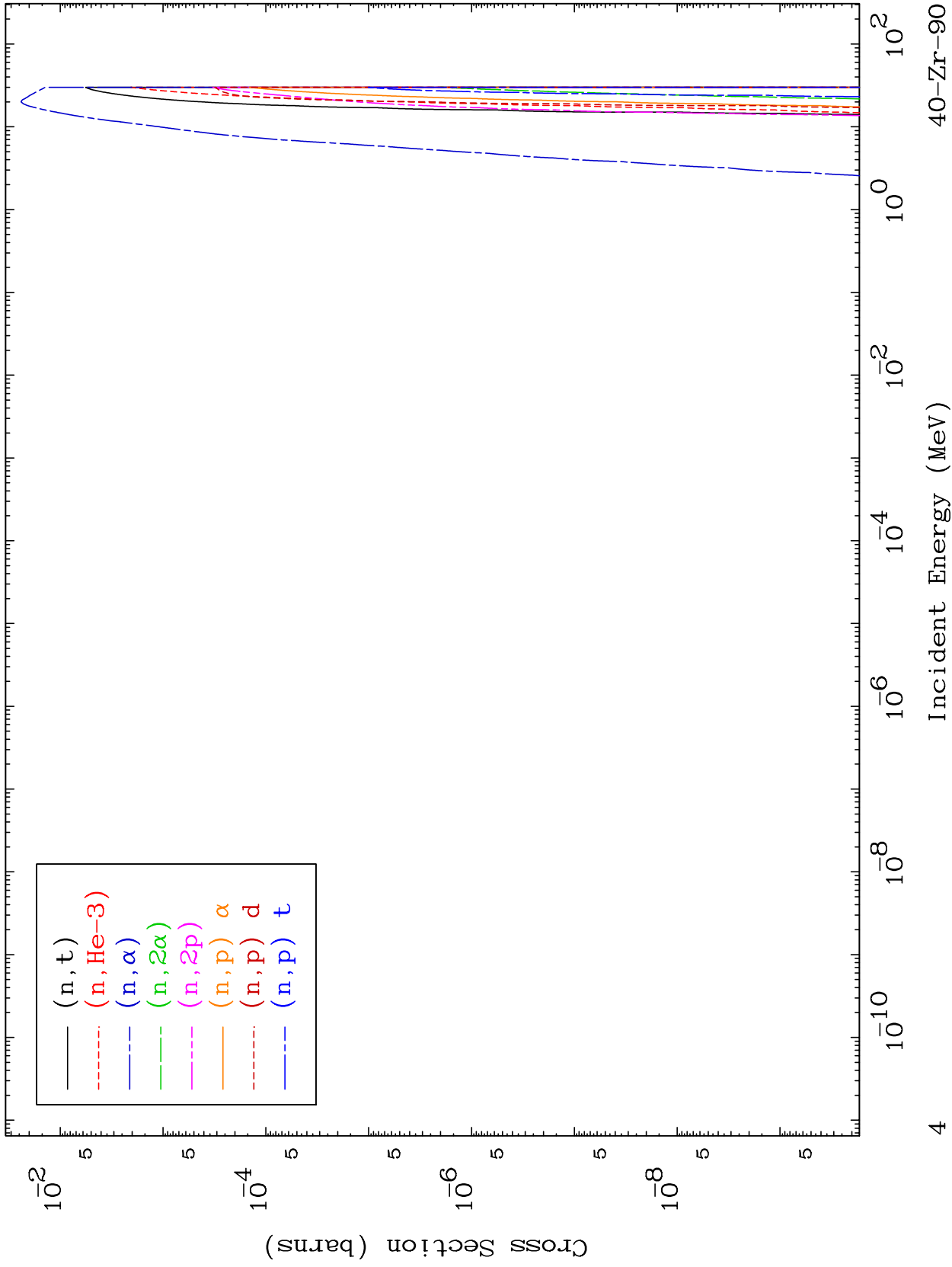




MAT 4025

Charged Particle
293 Kelvin Cross Sections

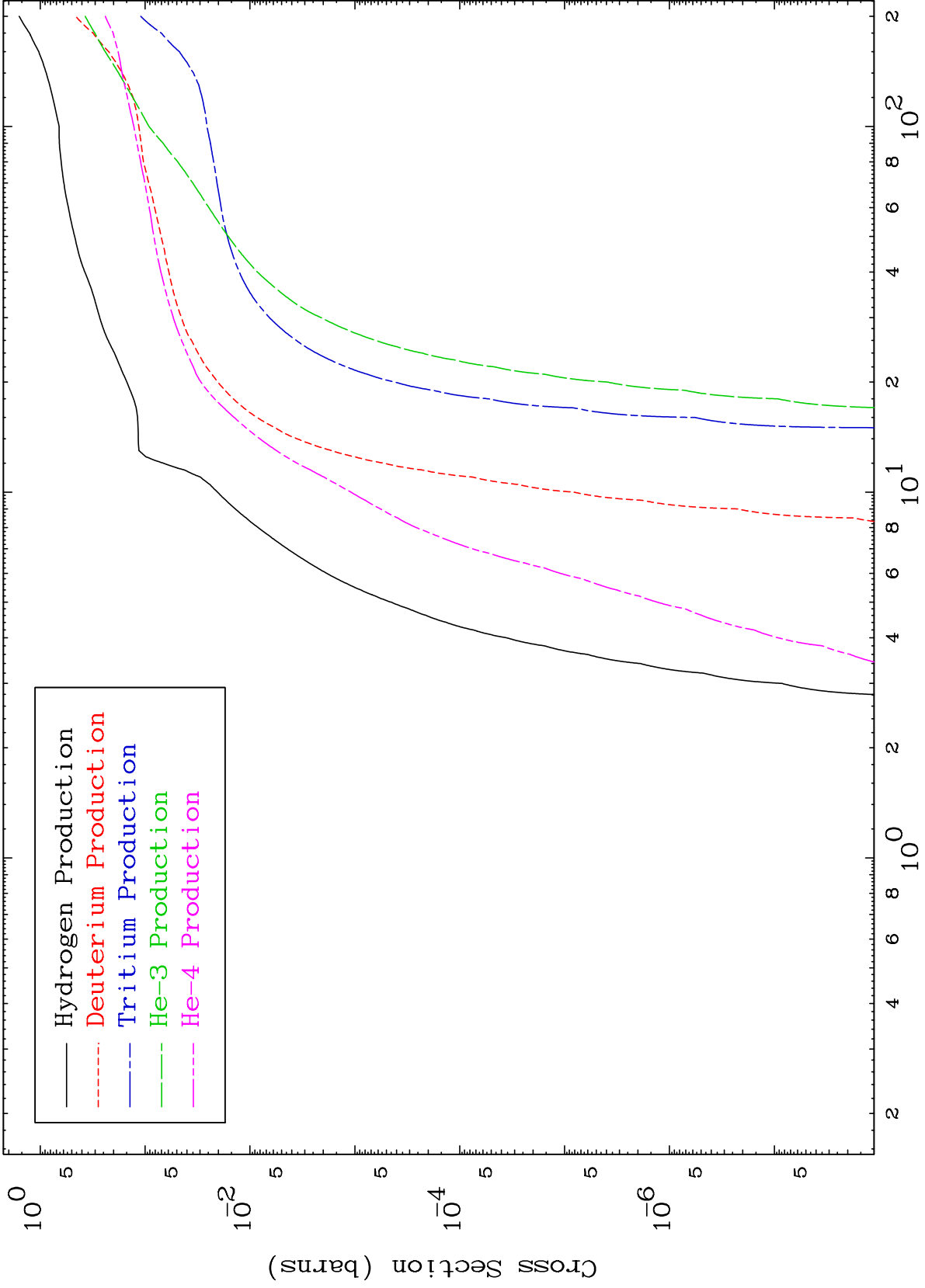
40-Zr-90



MAT 4025

Particle Production
293 Kelvin Cross Sections

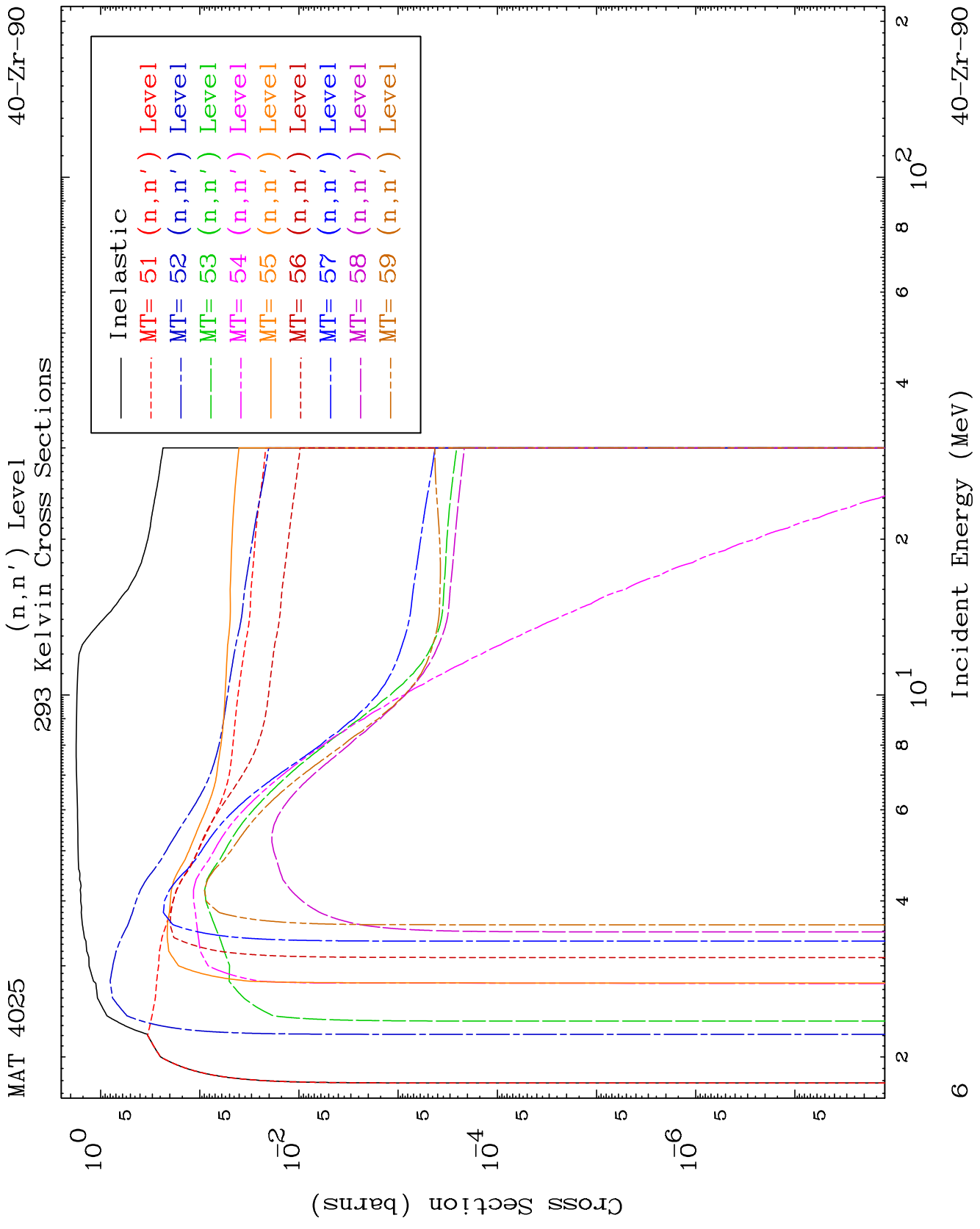
40-Zr-90



5

Incident Energy (MeV)

40-Zr-90



40-Zr-90

Incident Energy (MeV)

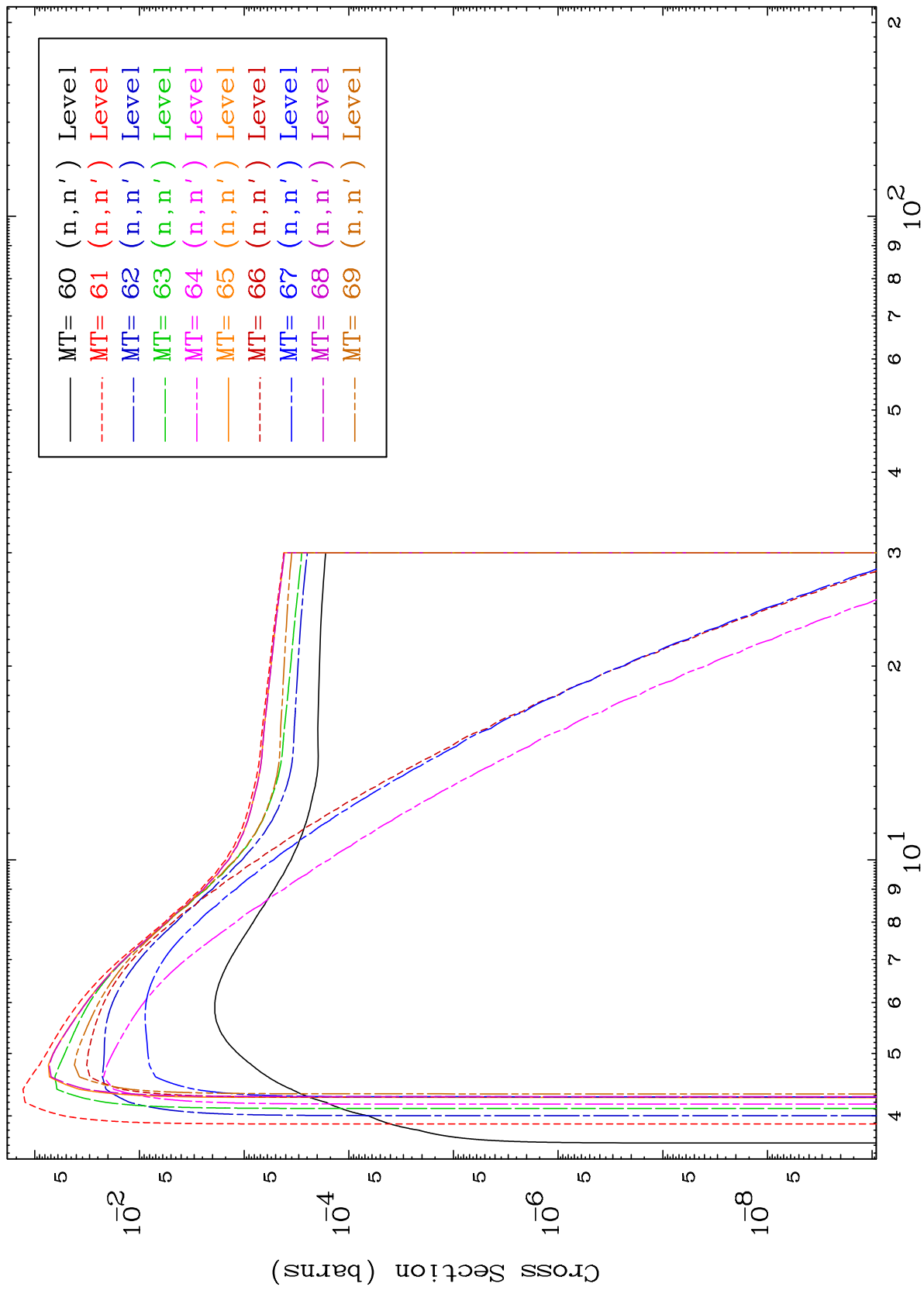
6

MAT 4025

(n,n') Level

40-Zr-90

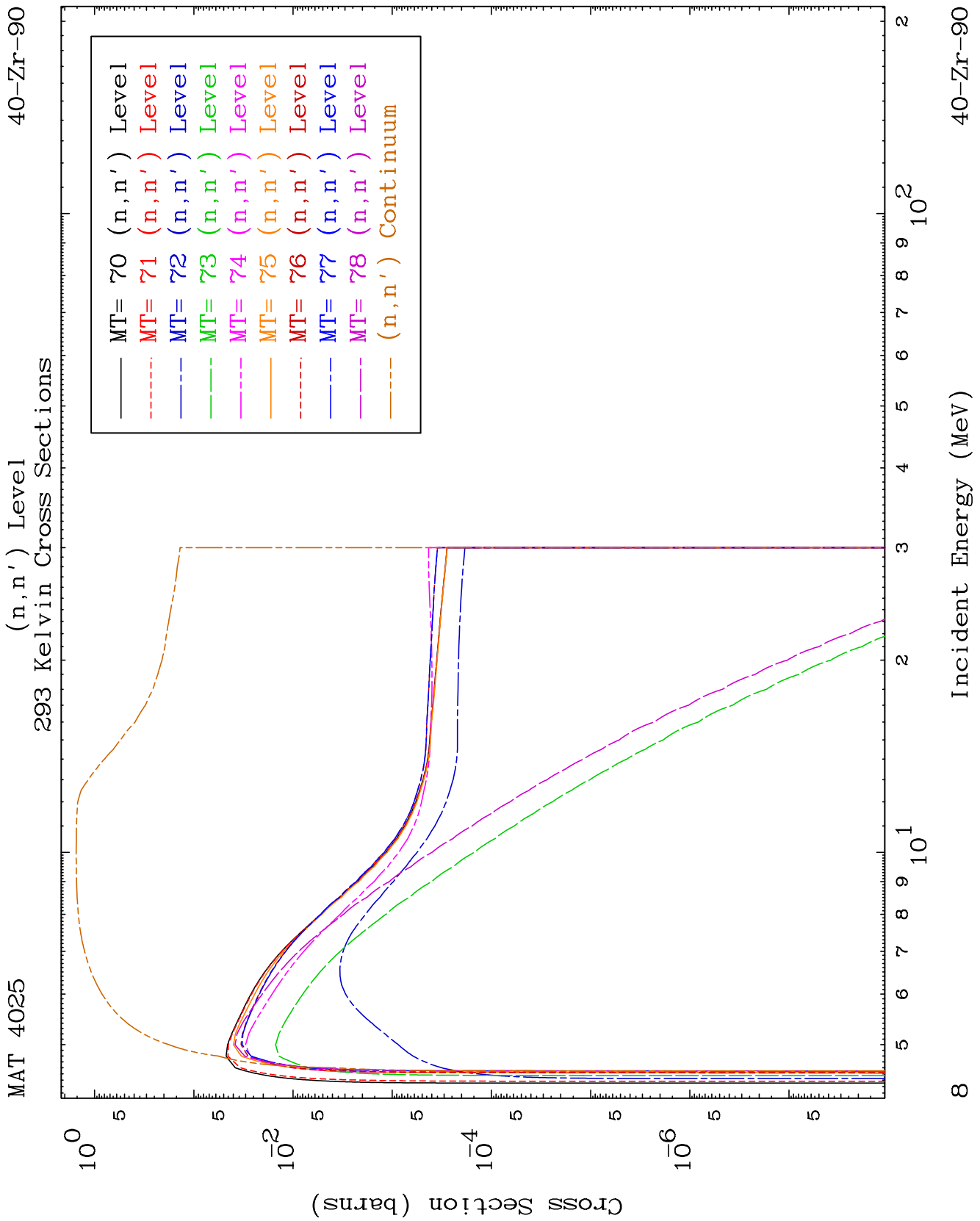
293 Kelvins Cross Sections



7

Incident Energy (MeV)

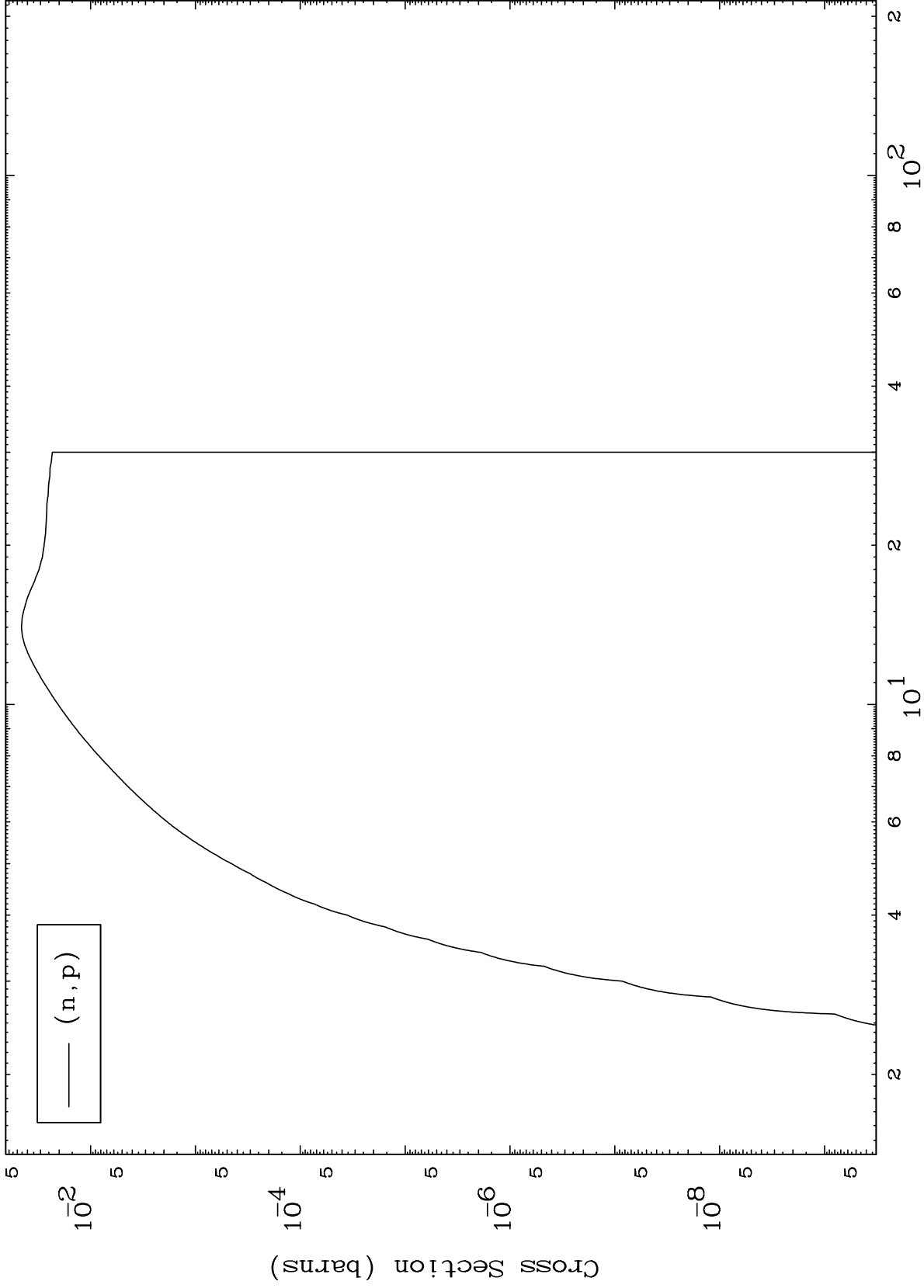
40-Zr-90



MAT 4025

(n,p) Levels
293 Kelvin Cross Sections

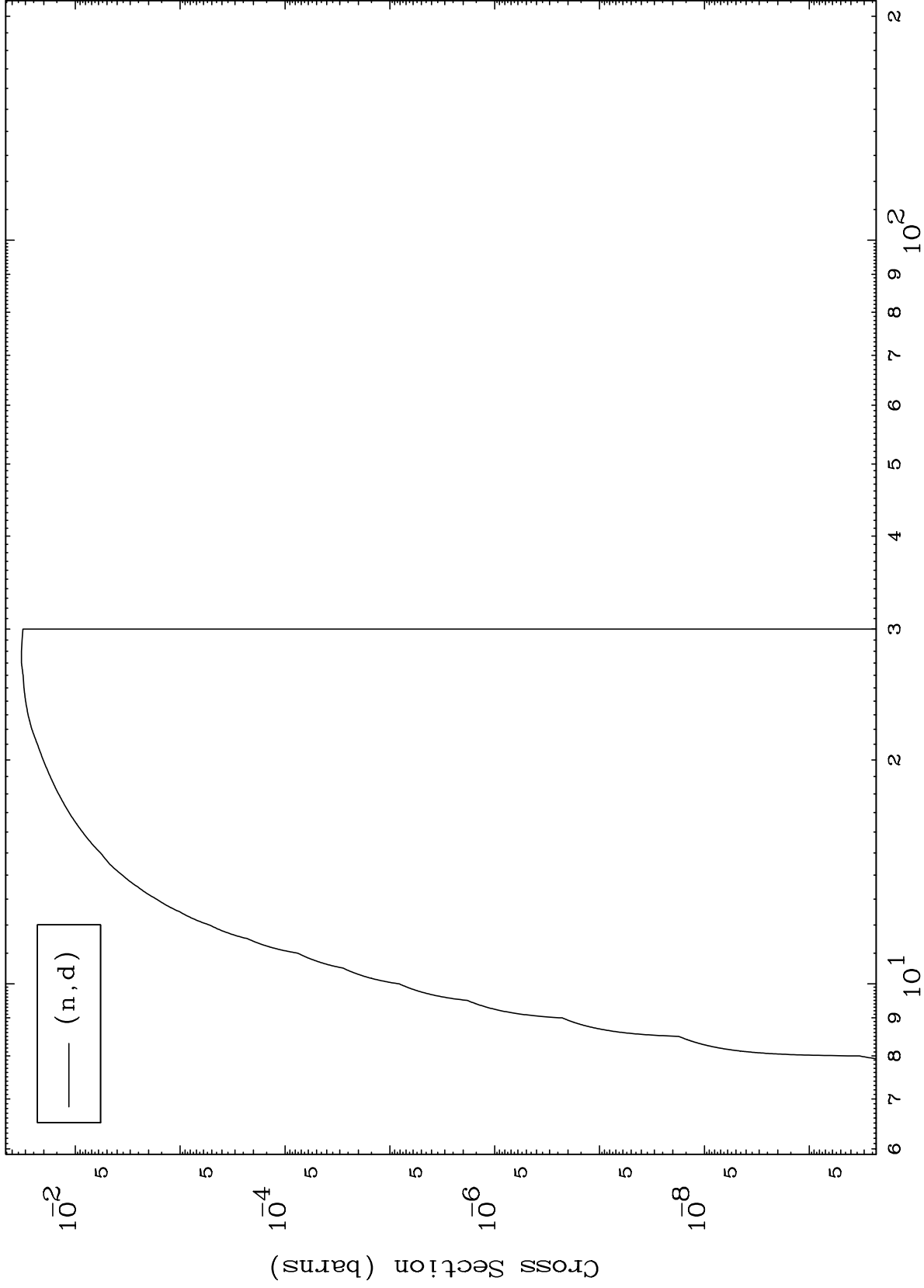
40-Zr-90



MAT 4025

(n,d) Levels
293 Kelvin Cross Sections

40-Zr-90



10

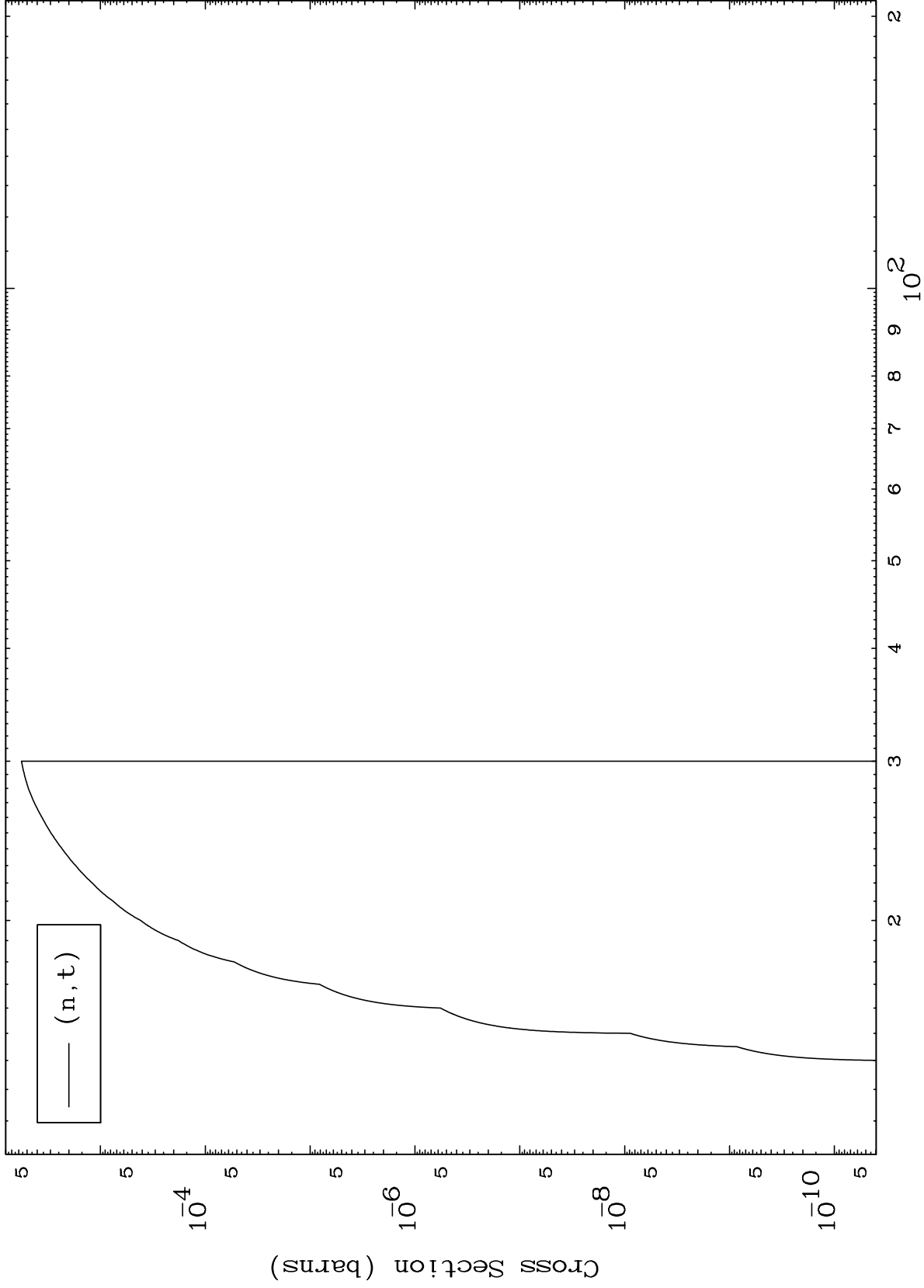
Incident Energy (MeV)

40-Zr-90

MAT 4025

(n,t) Levels
293 Kelvin Cross Sections

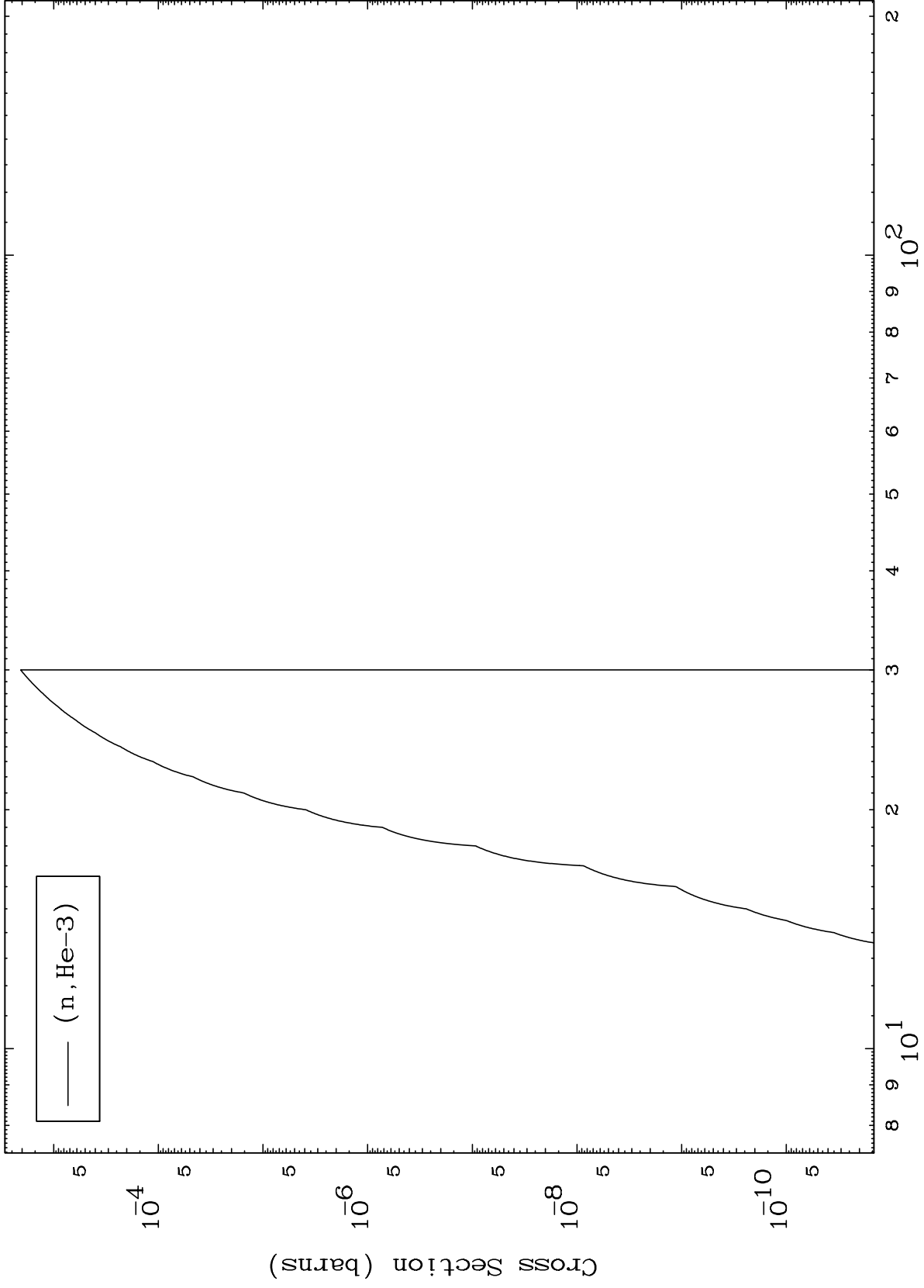
40-Zr-90



MAT 4025

(n,He3) Levels
293 Kelvin Cross Sections

40-Zr-90



12

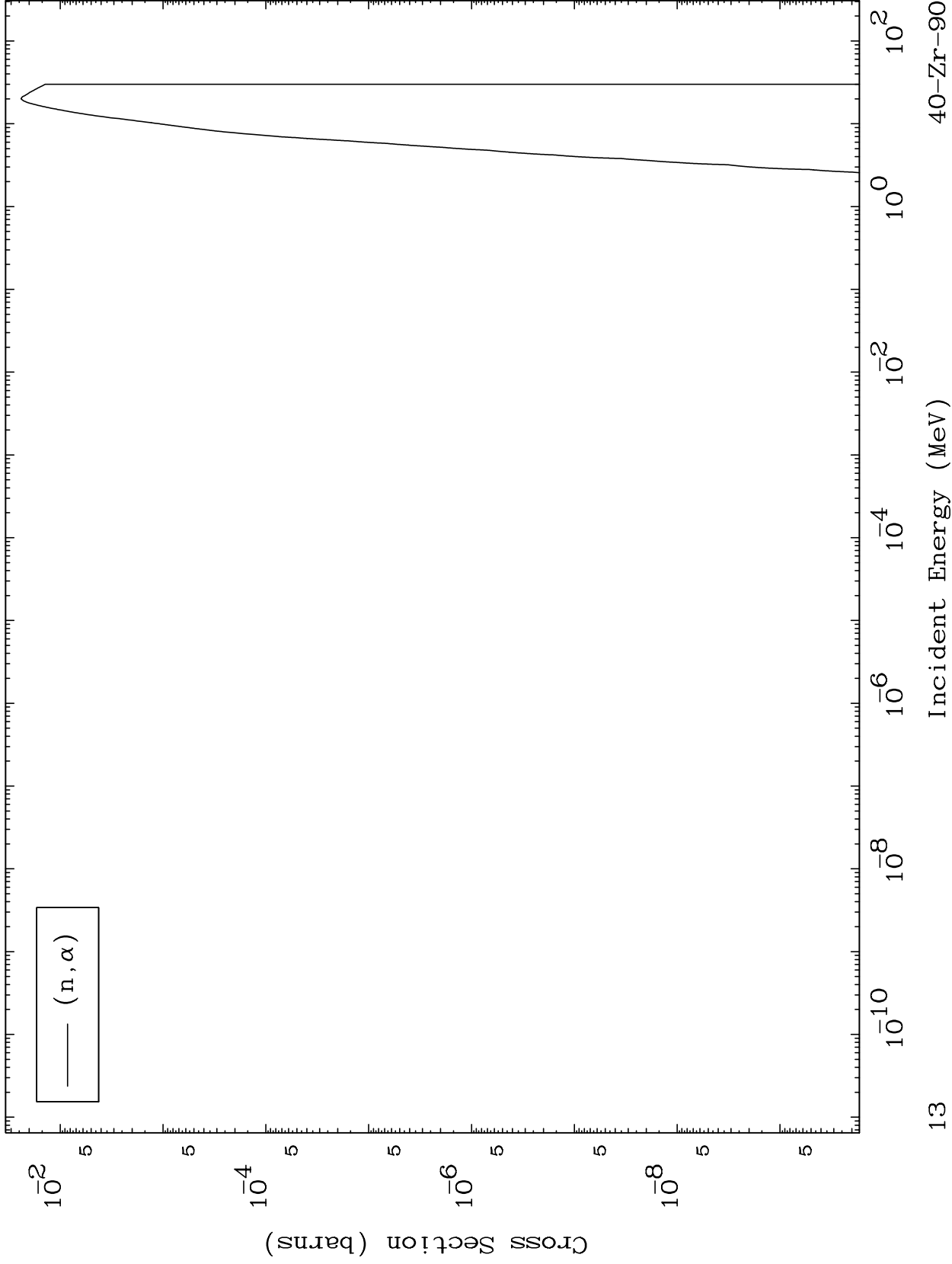
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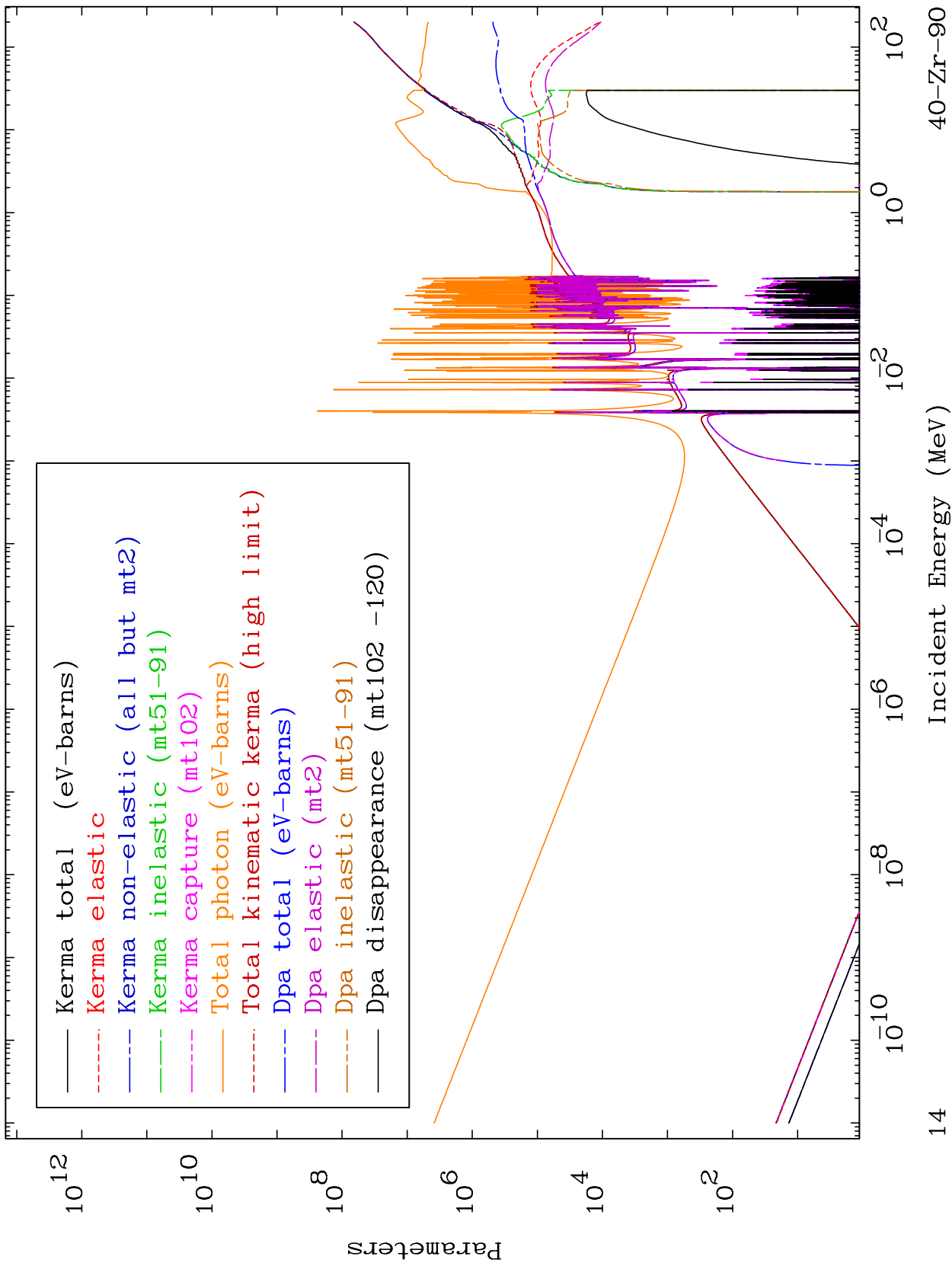
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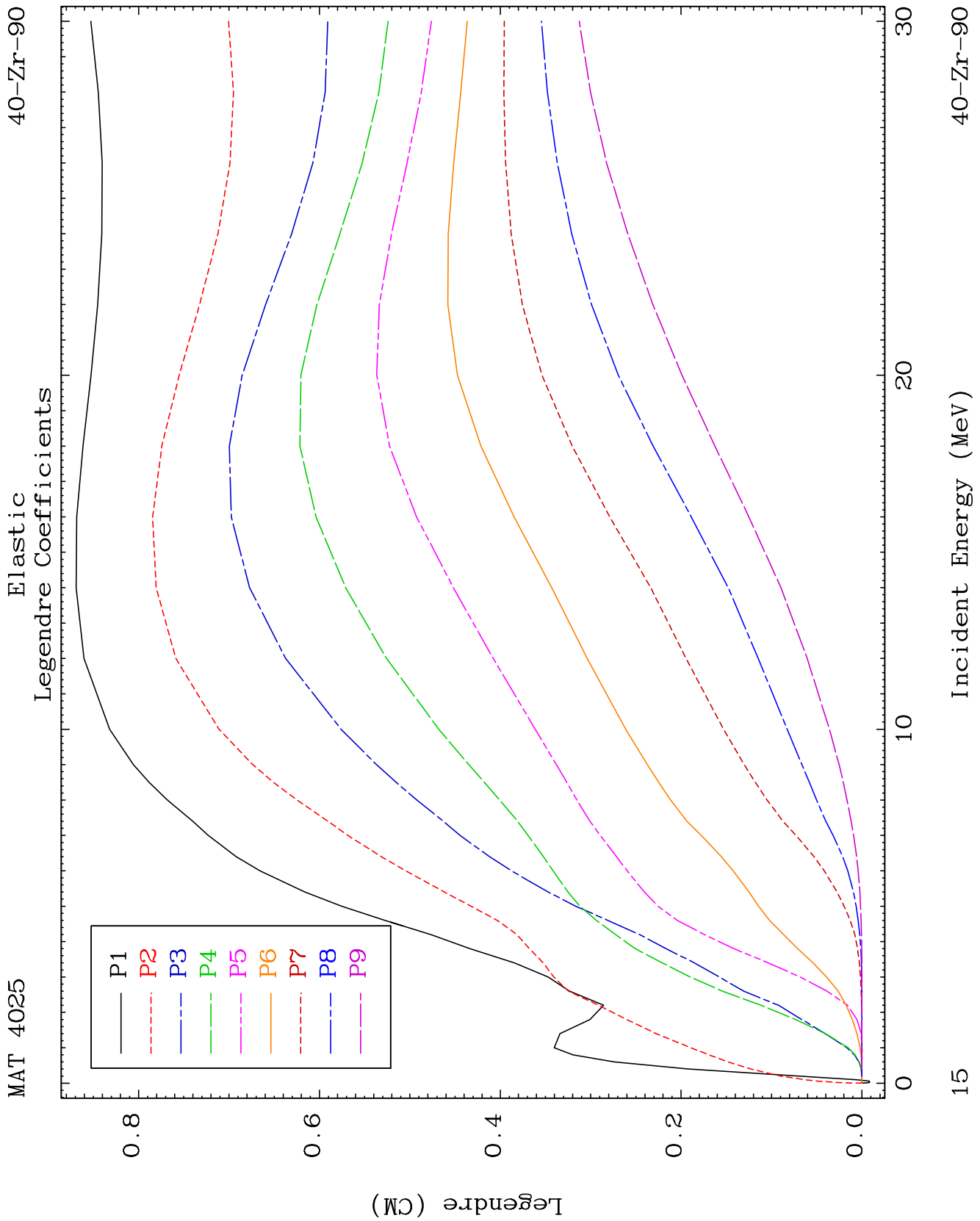
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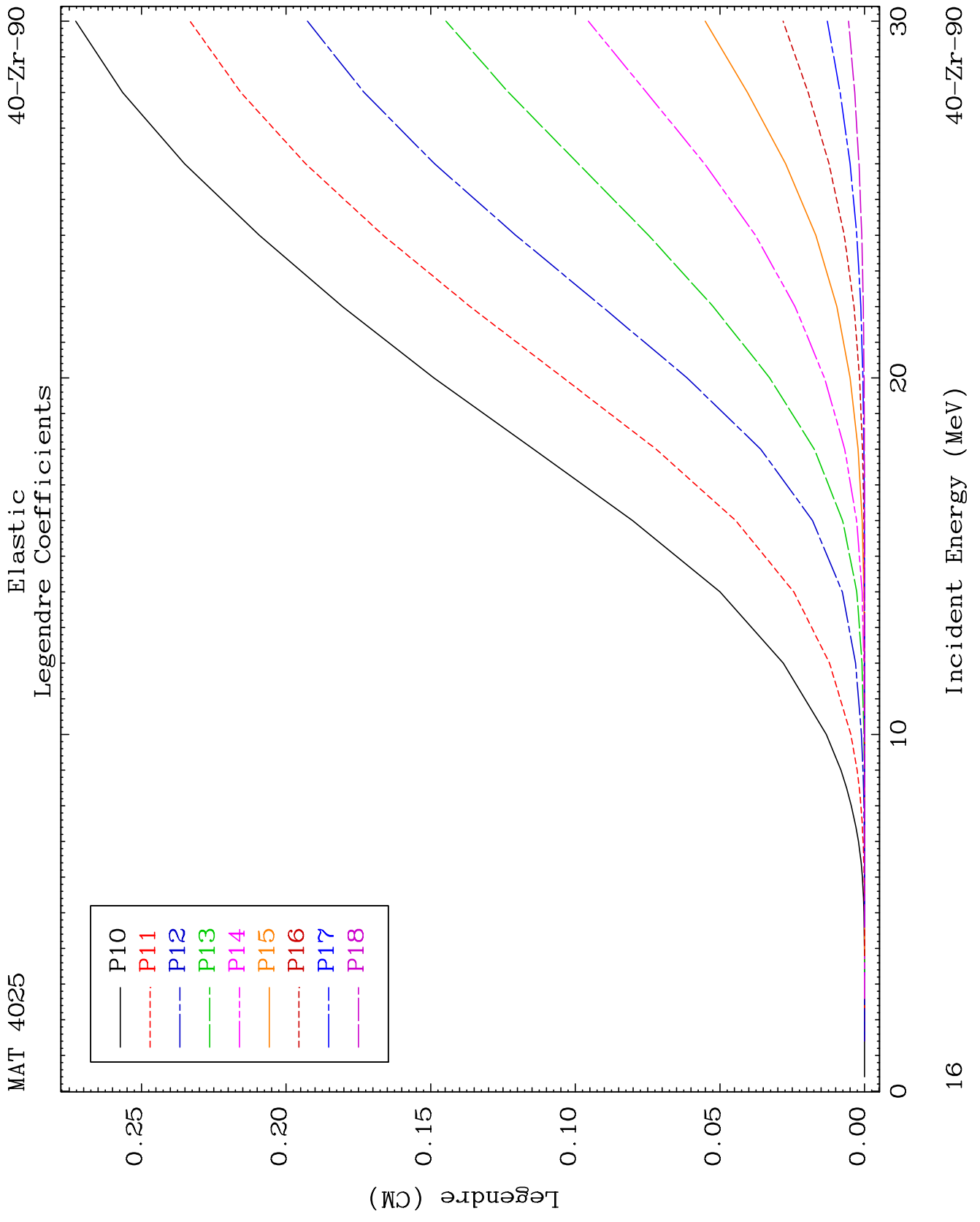
(n, α) Levels
293 Kelvin Cross Sections

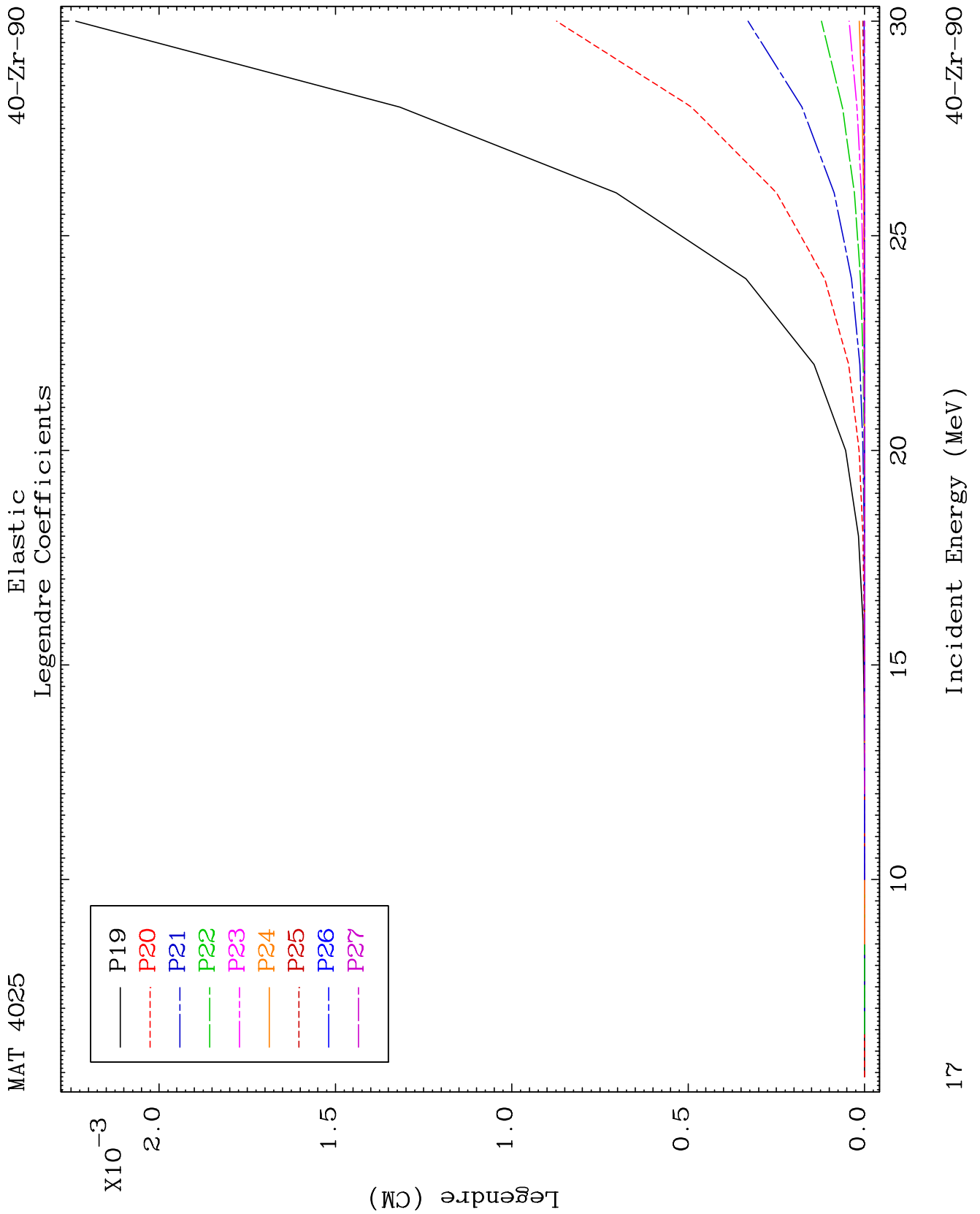
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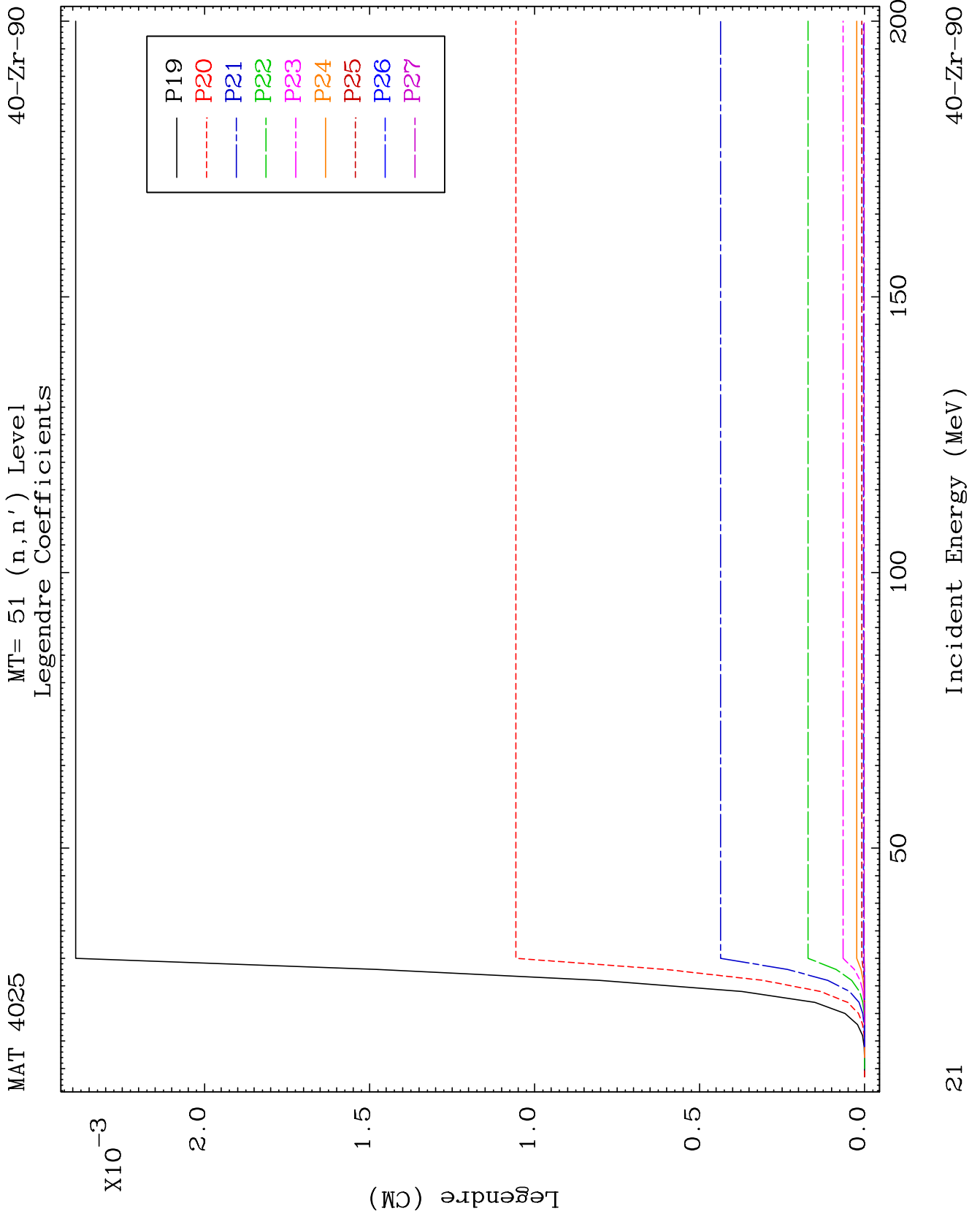


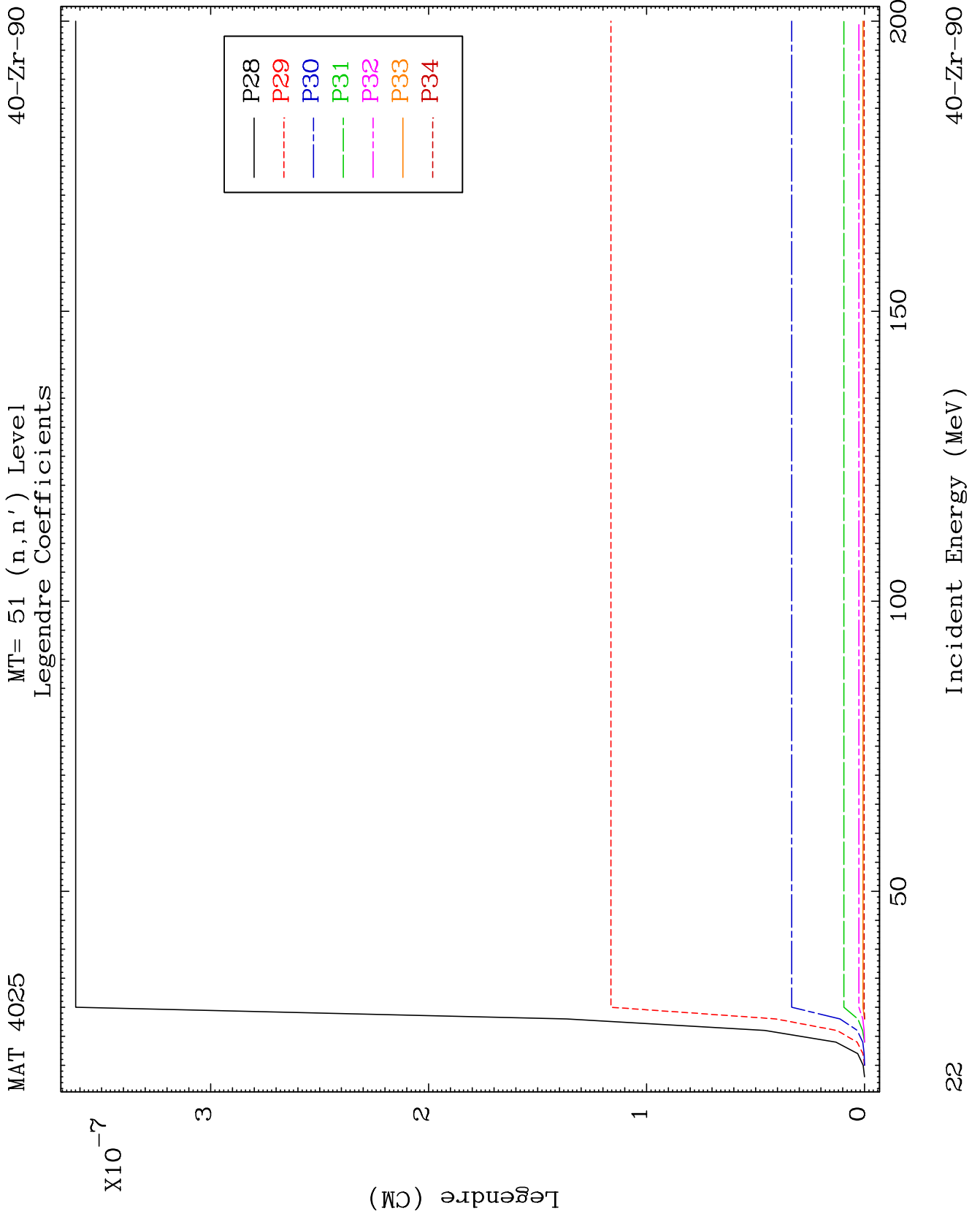


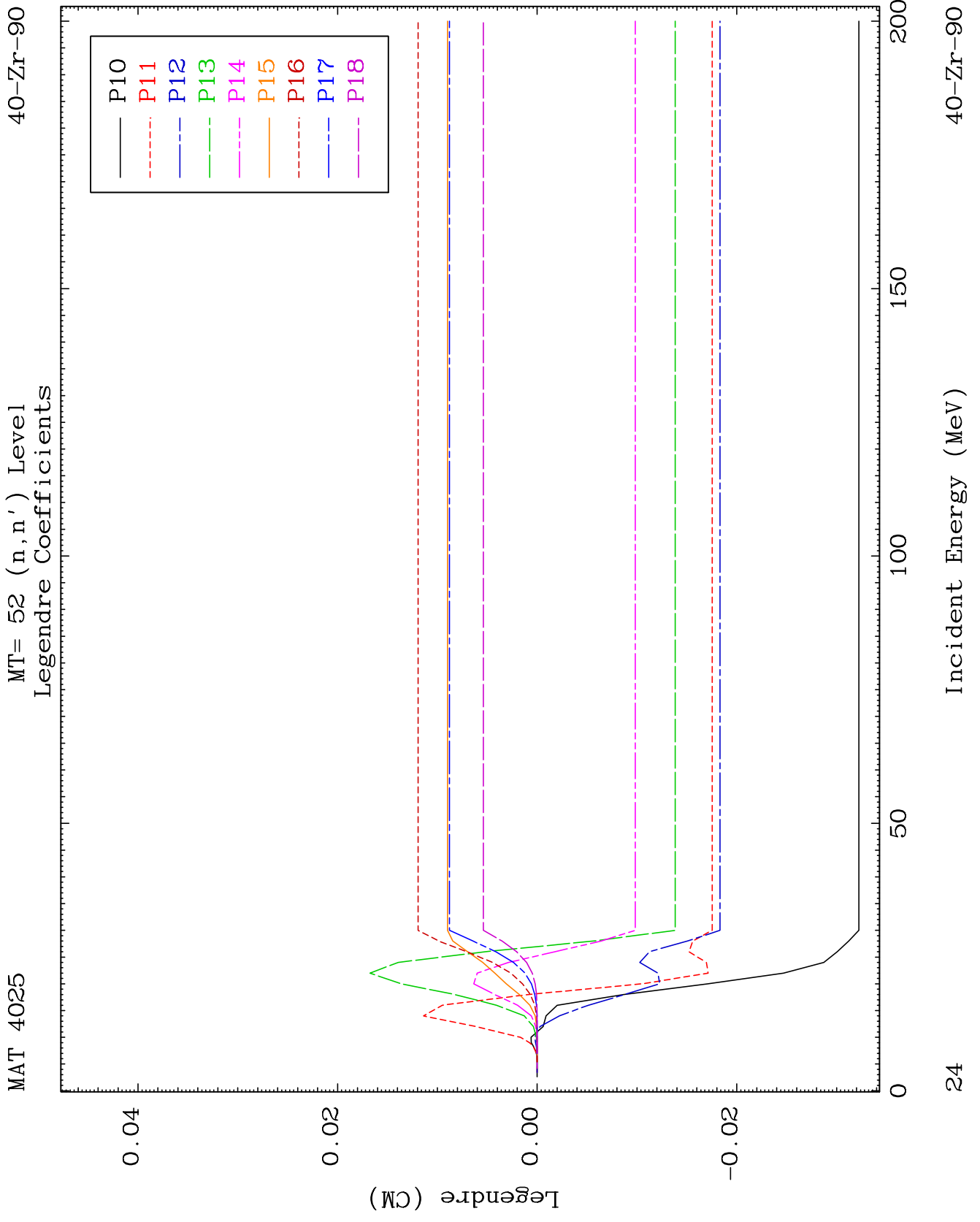


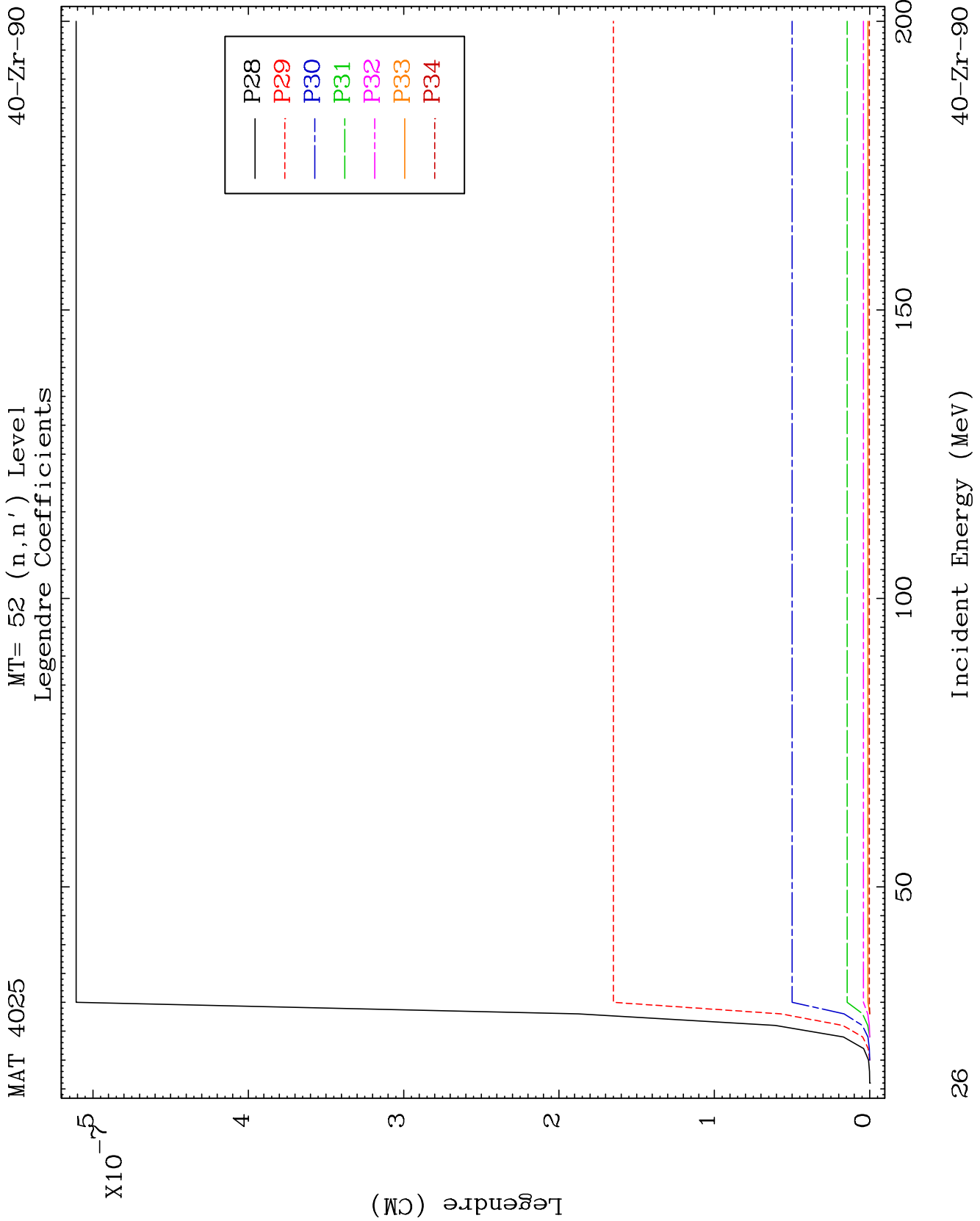


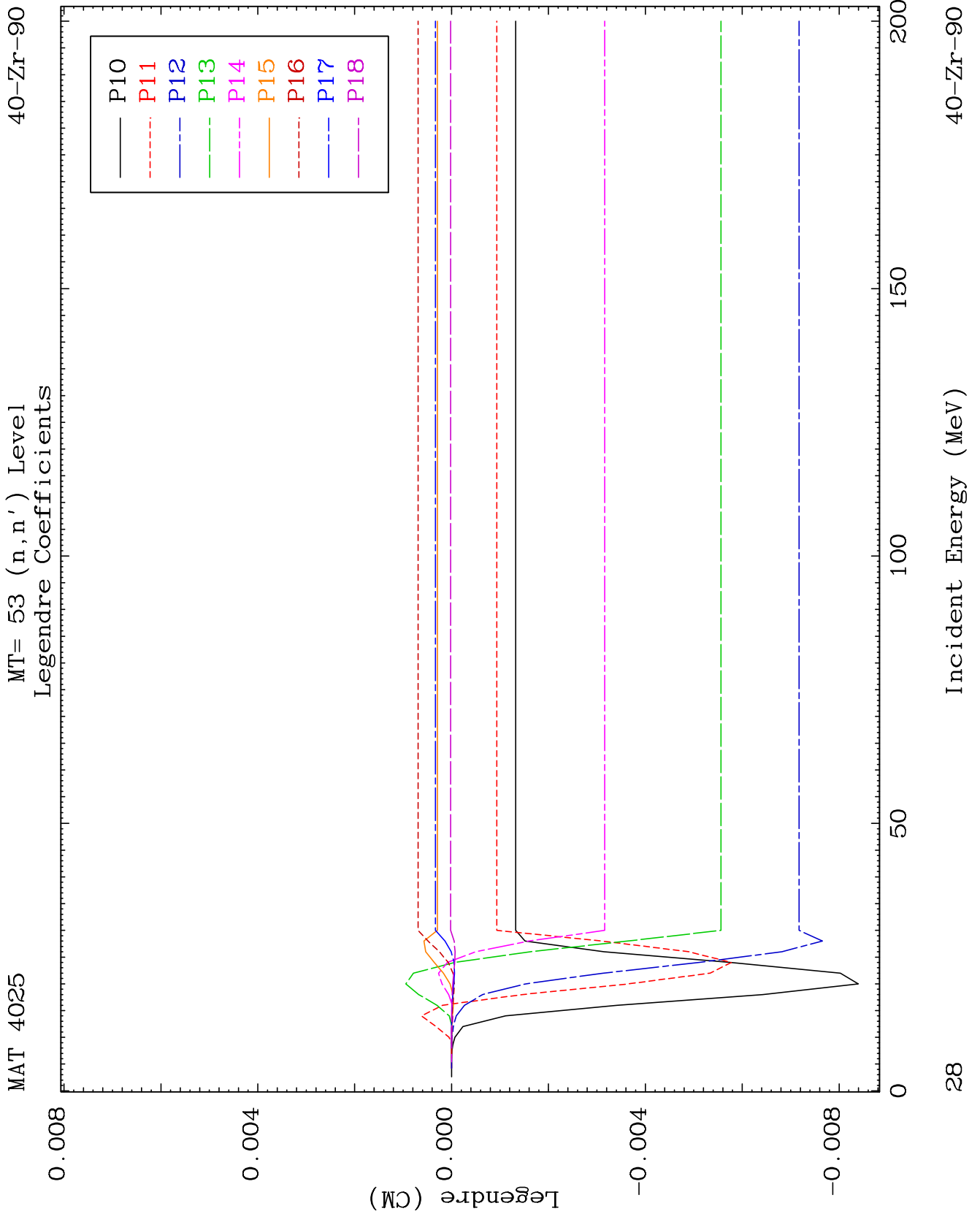


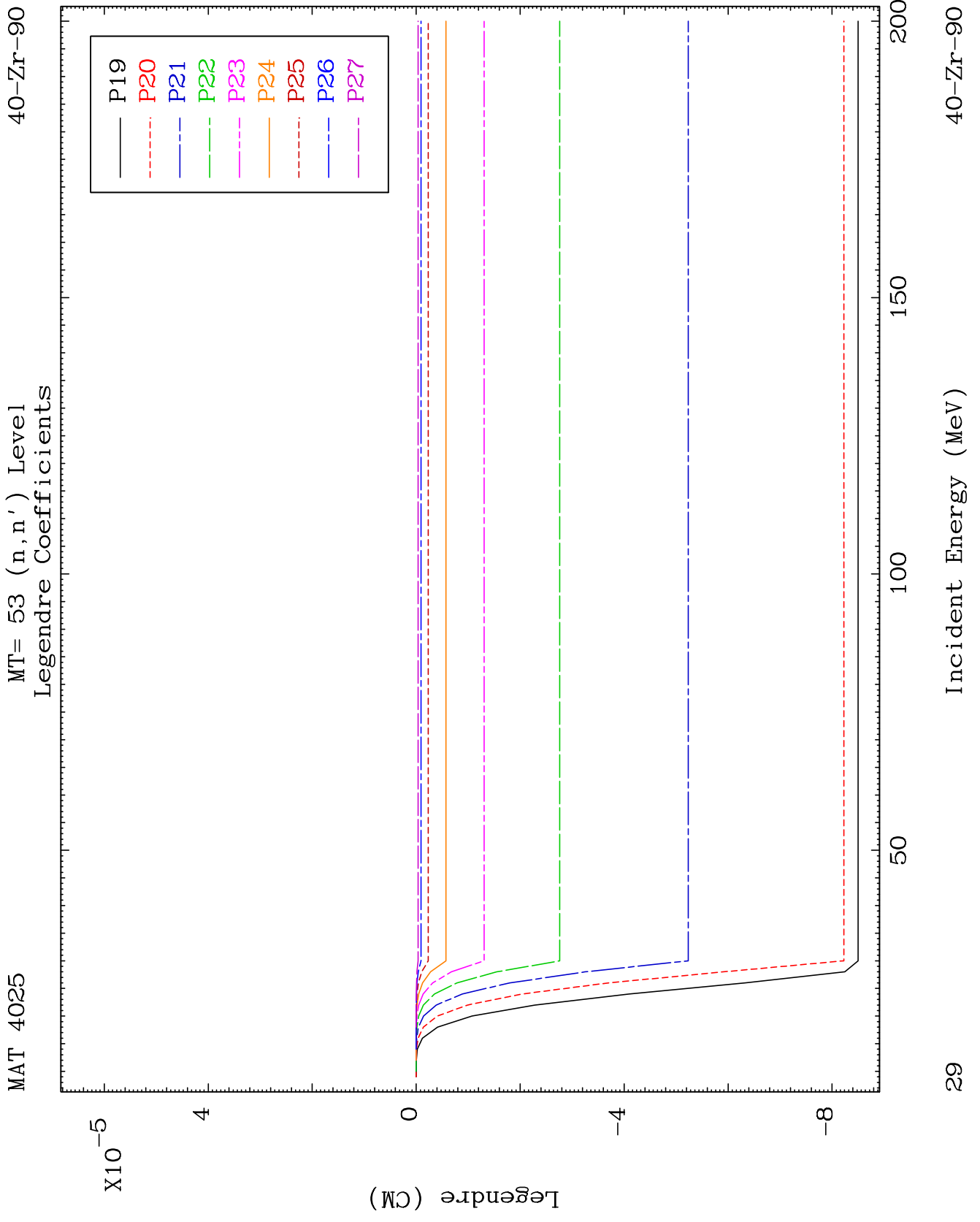


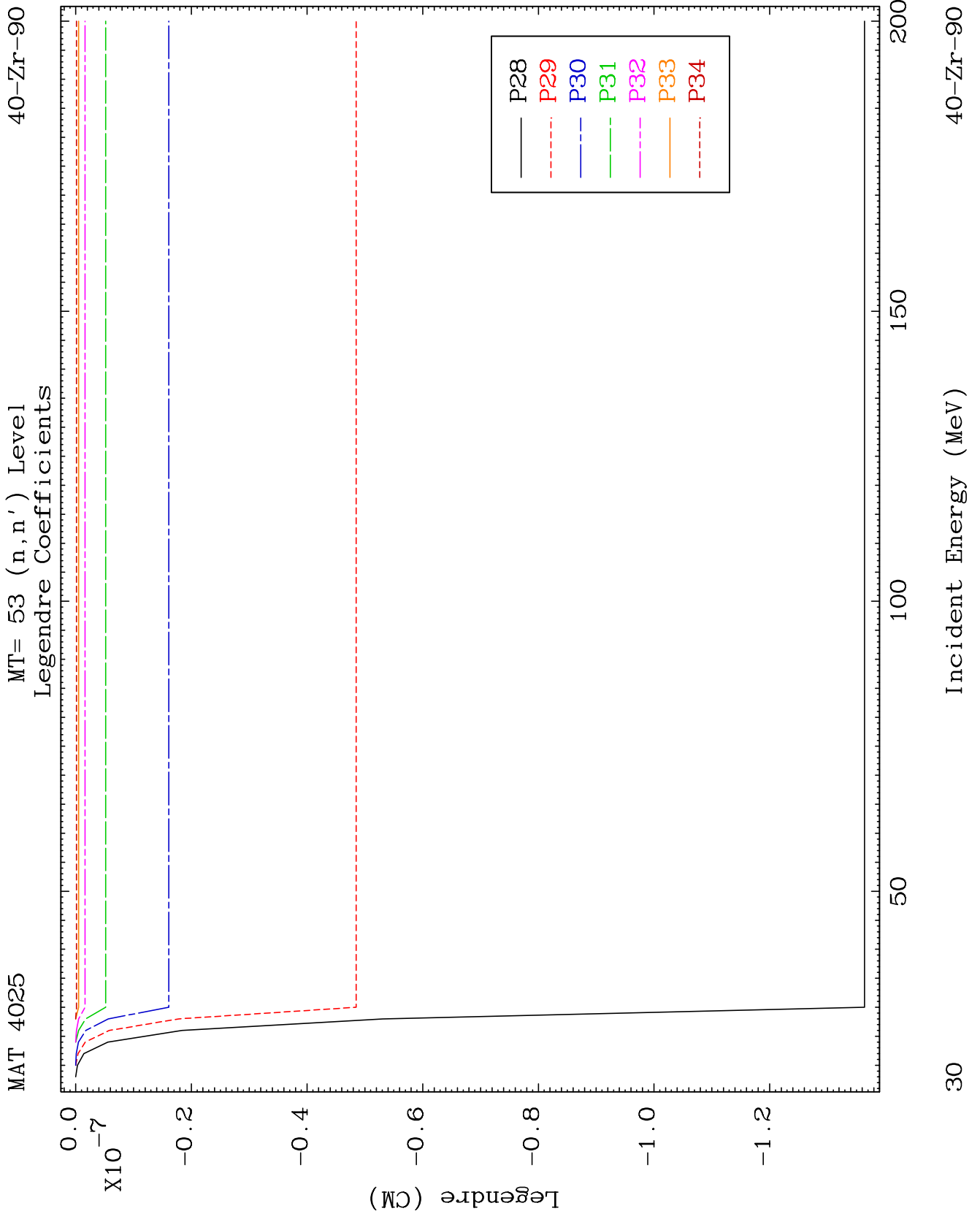


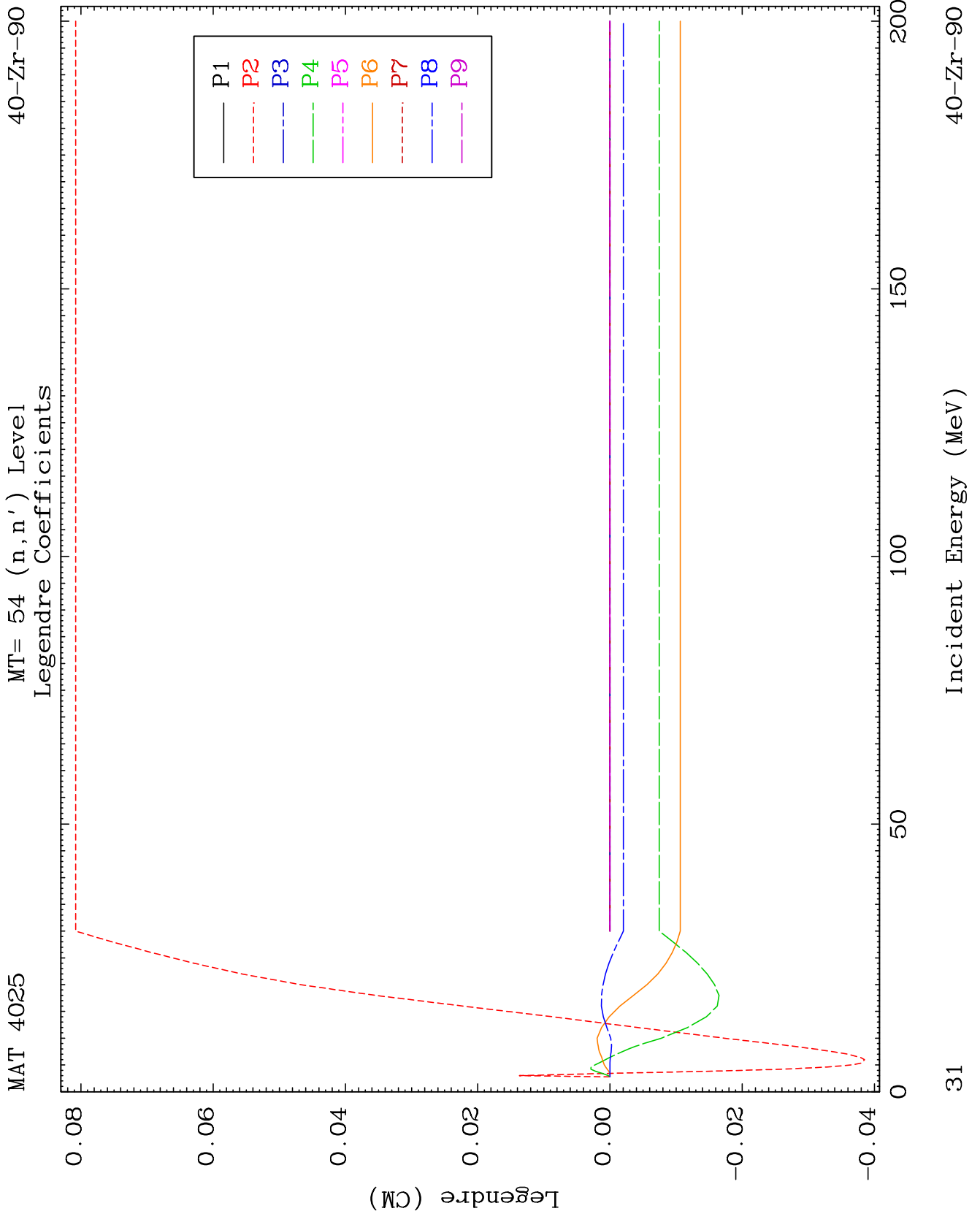




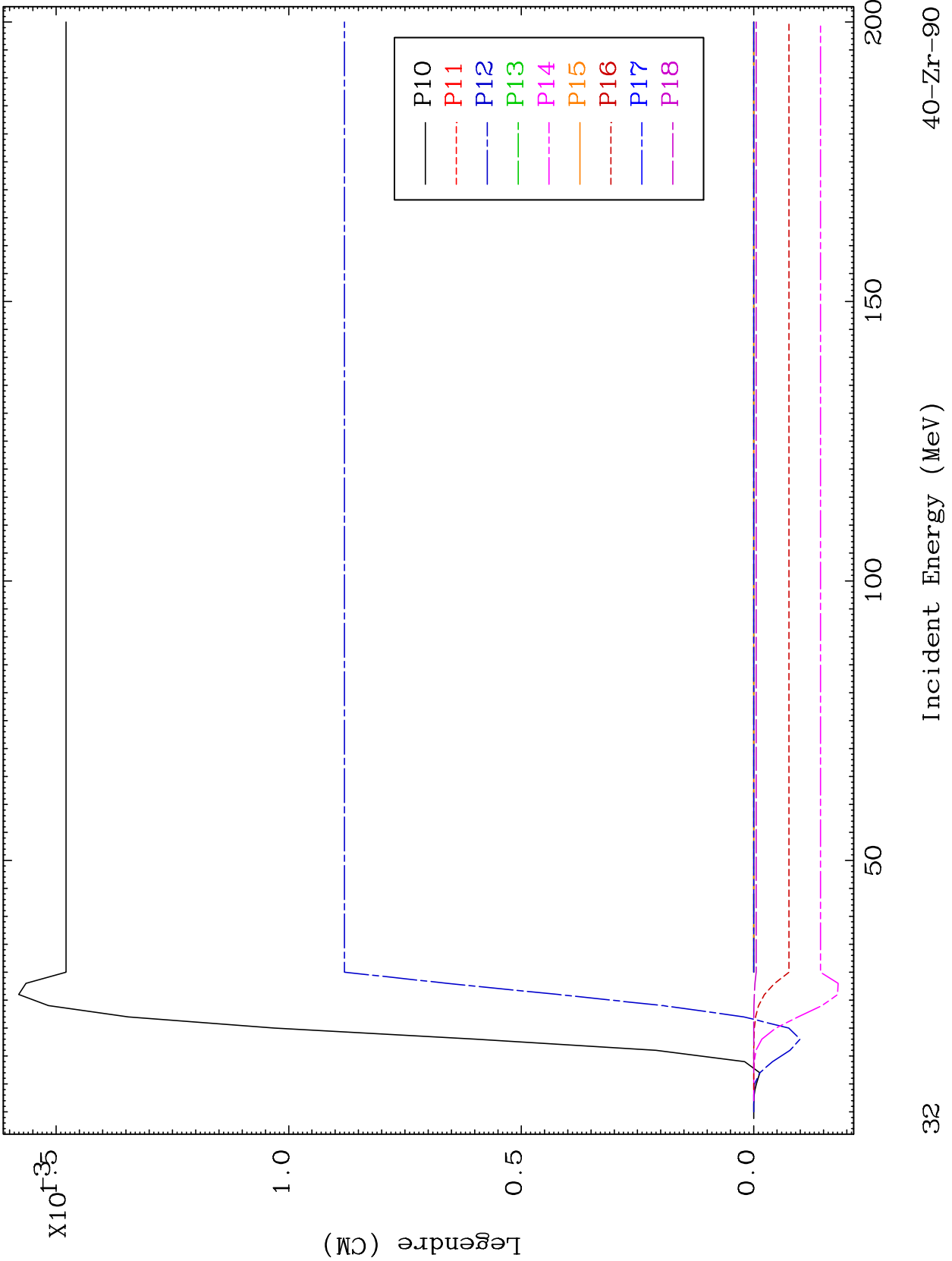


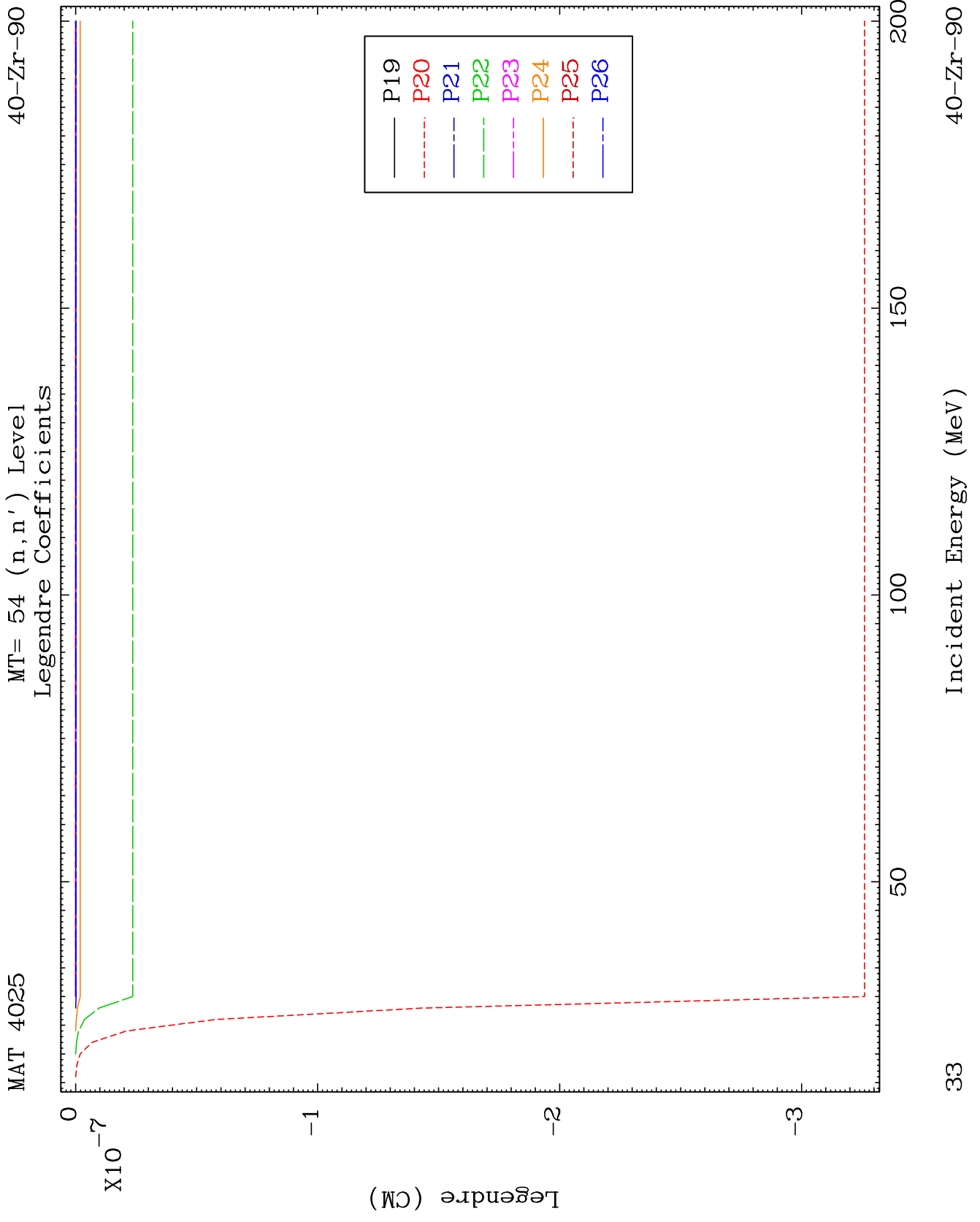


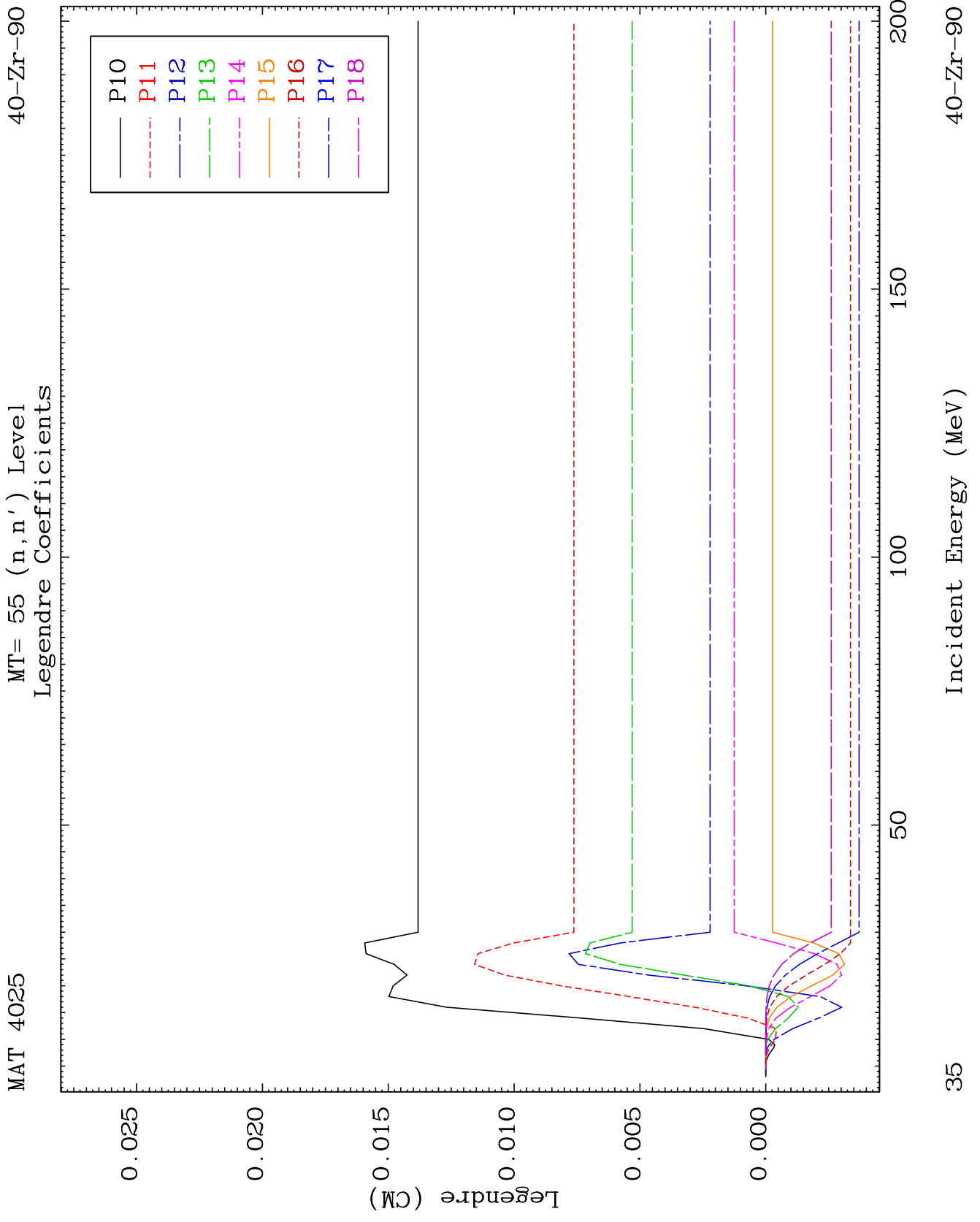


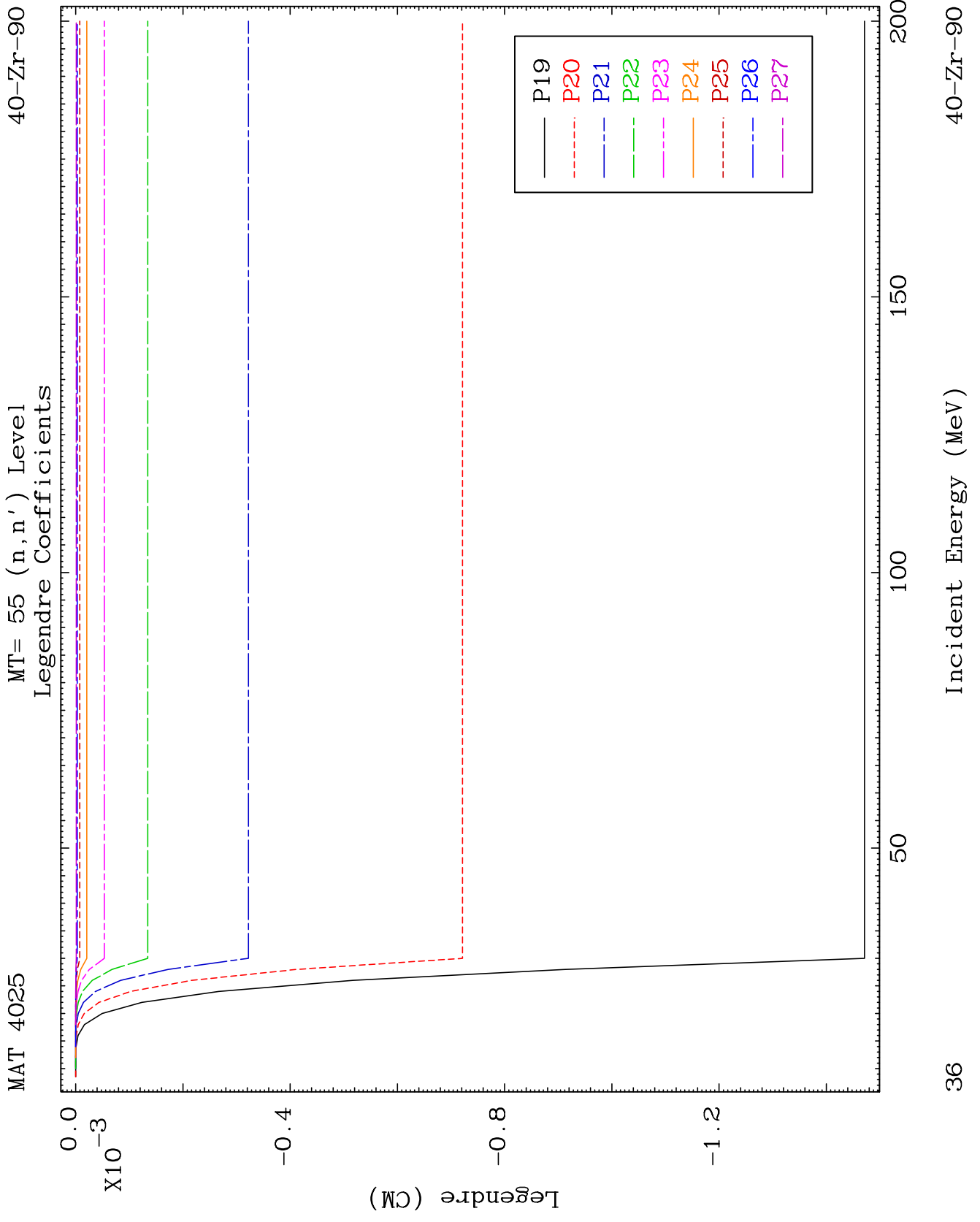


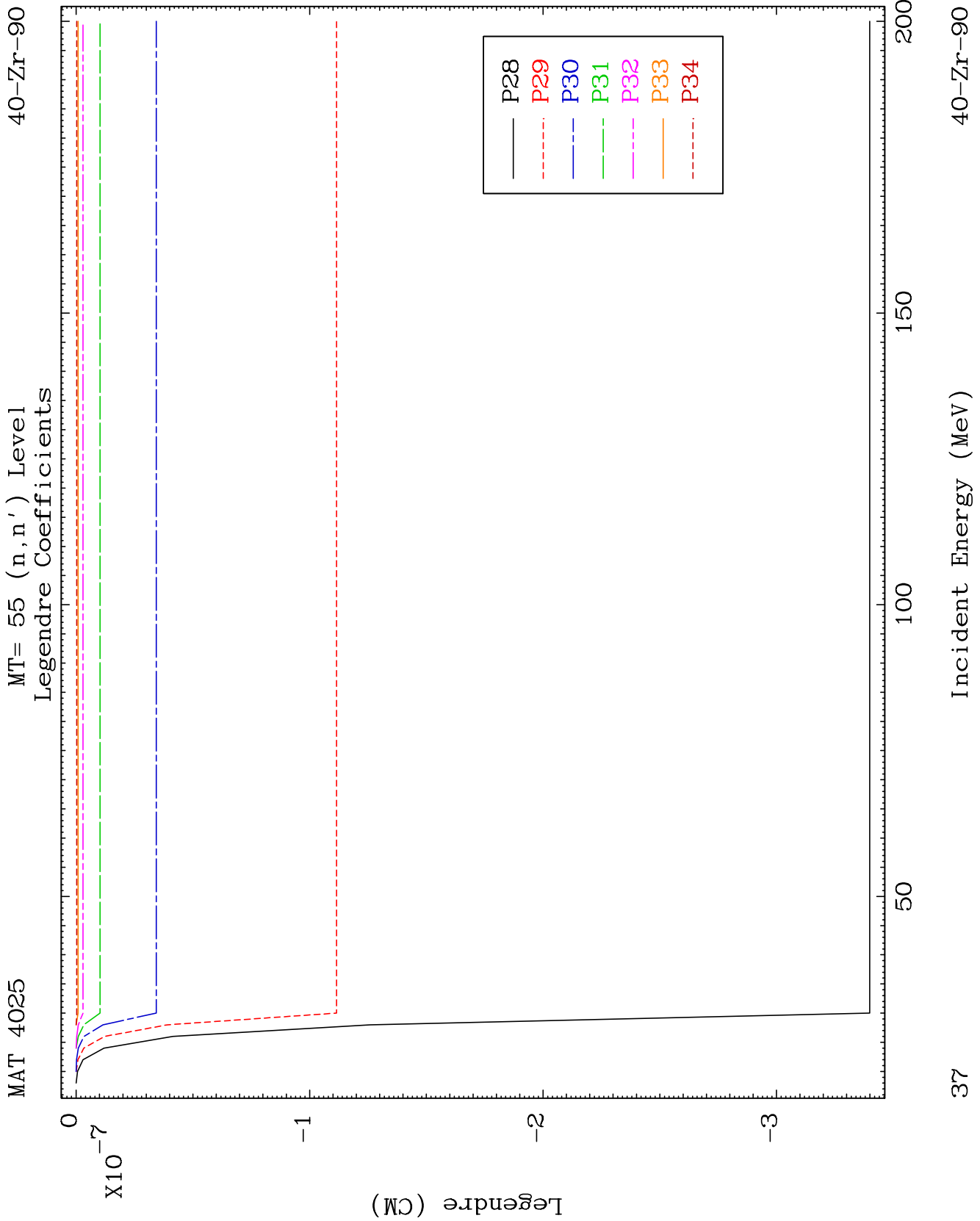
MAT 4025 MT= 54 (n,n') Level Legendre Coefficients 40-Zr-90

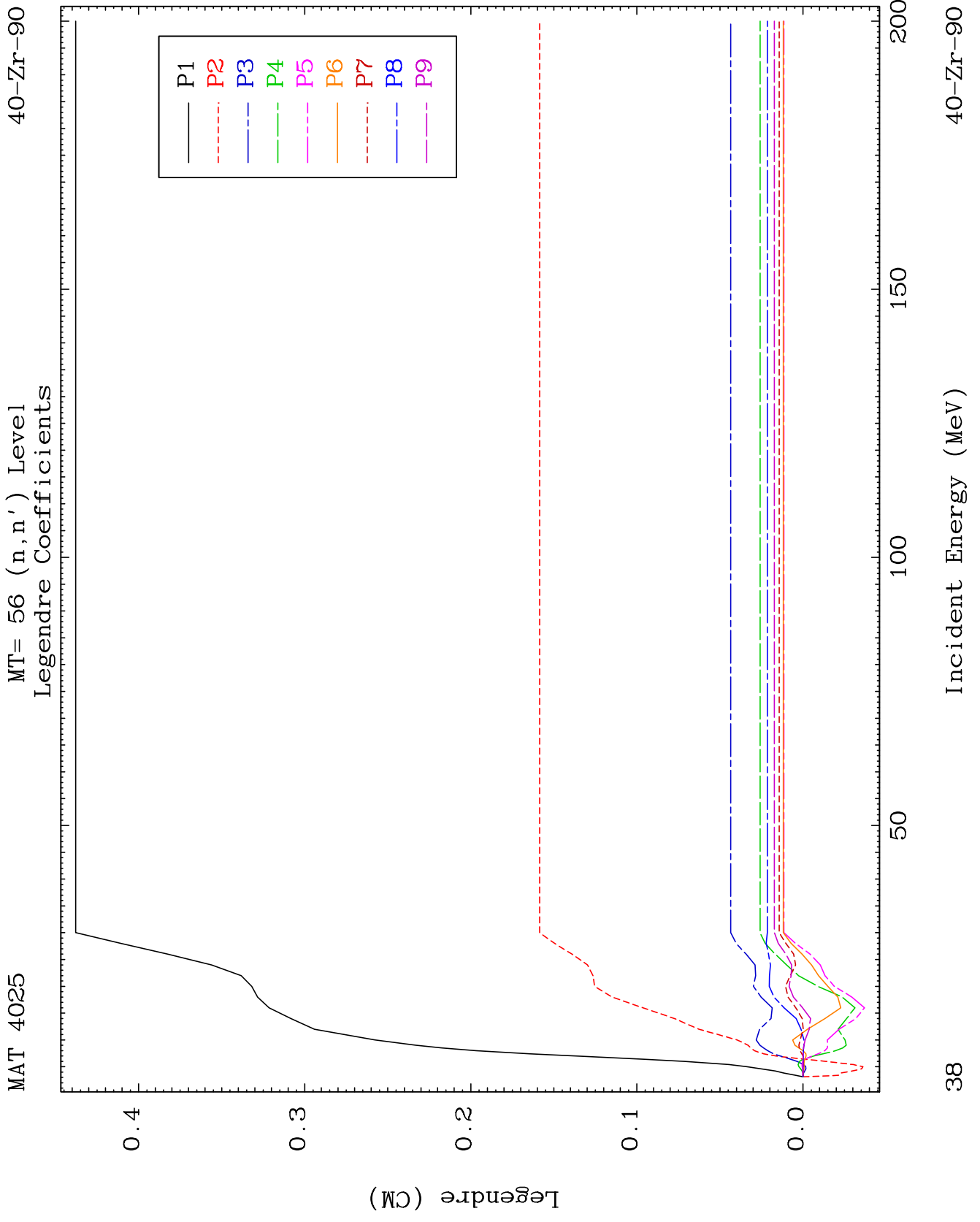








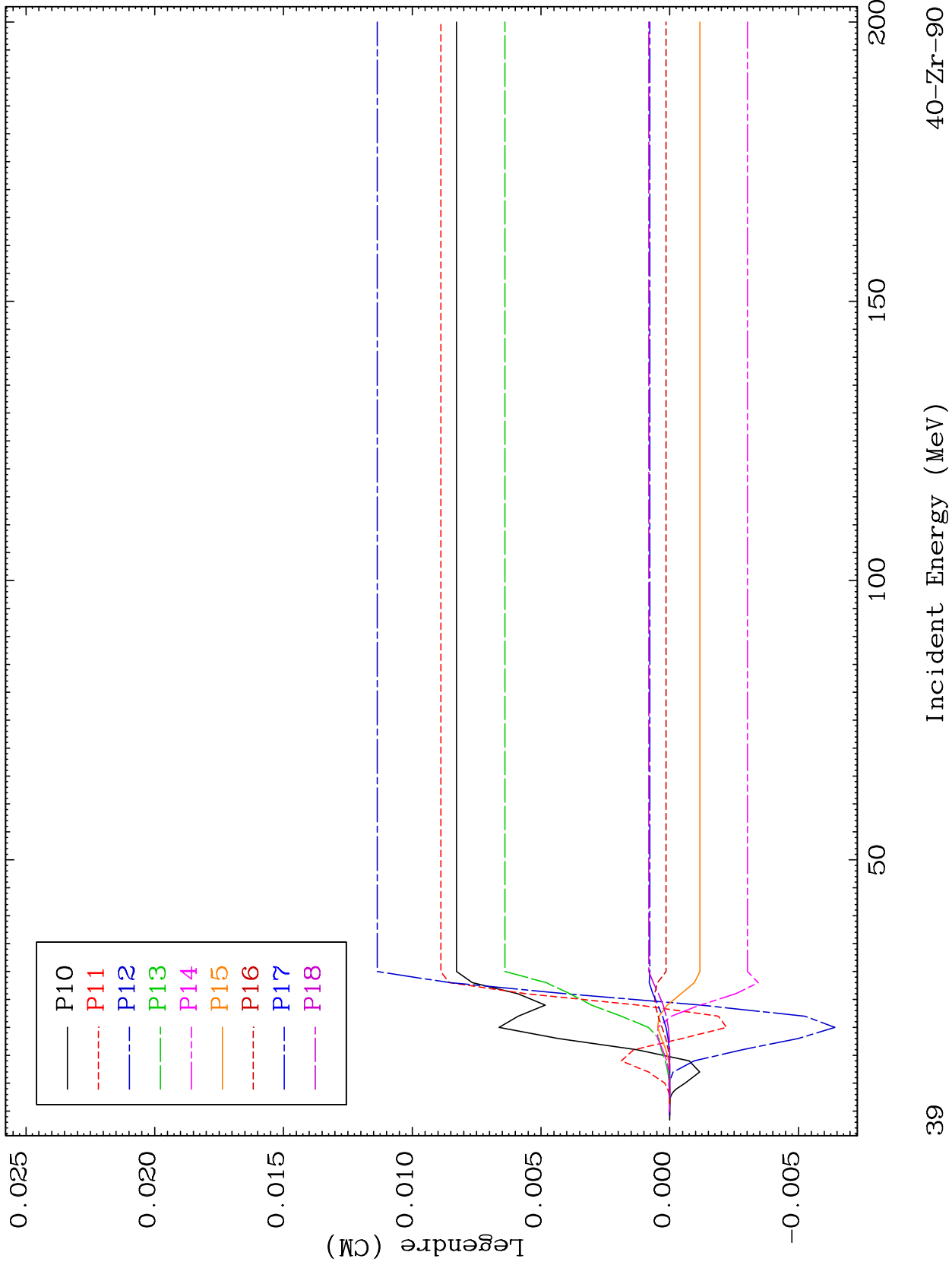


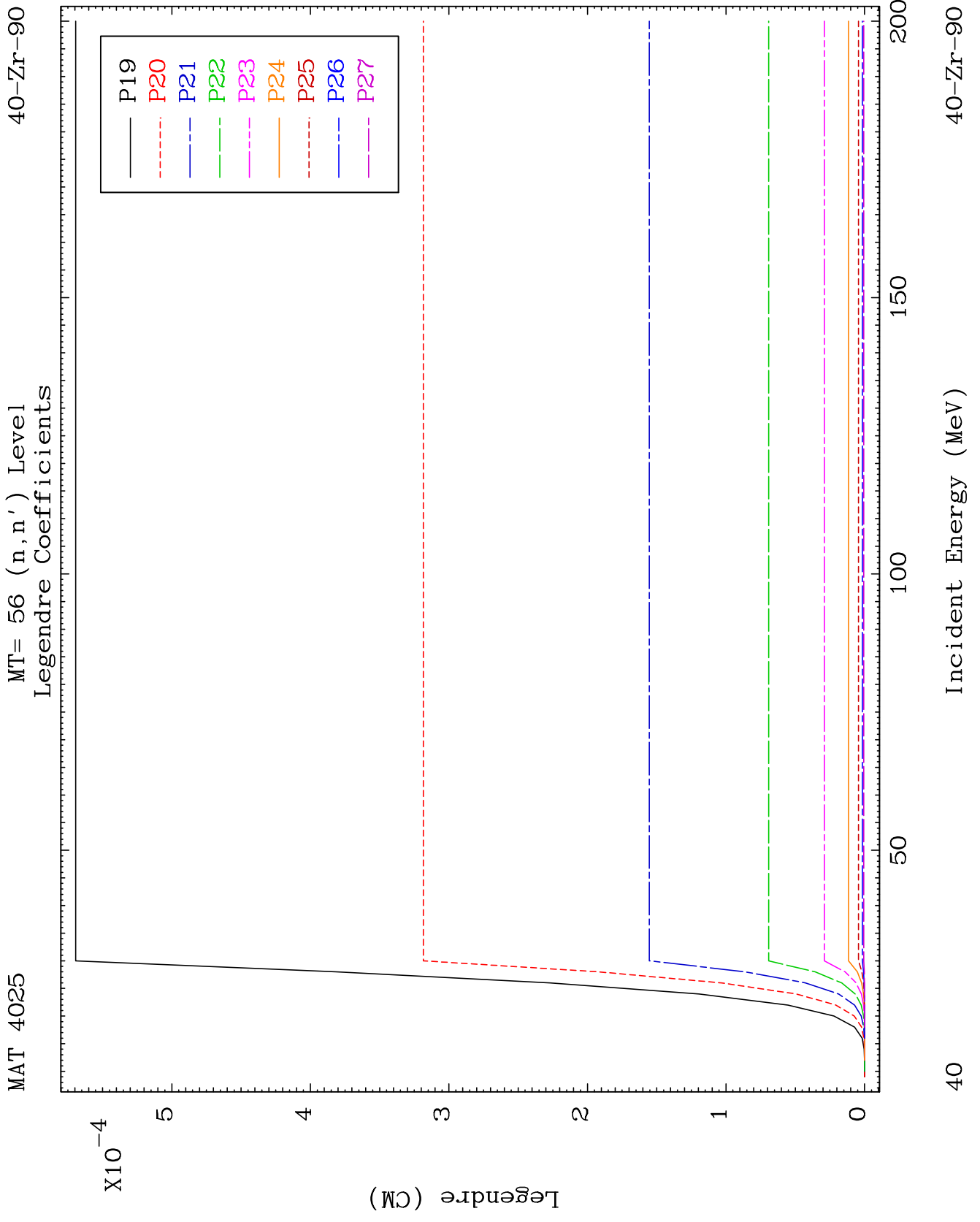


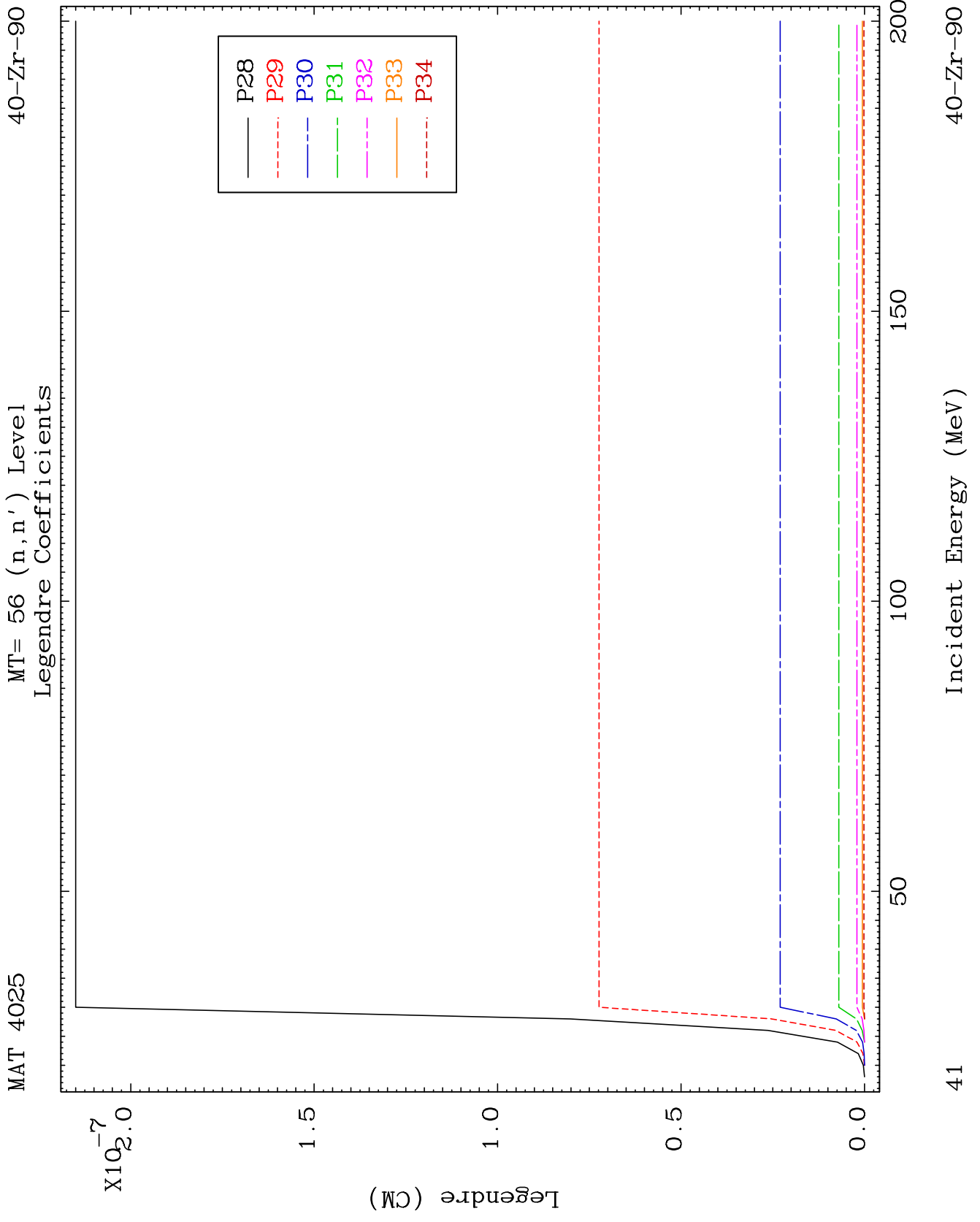
MAT 4025

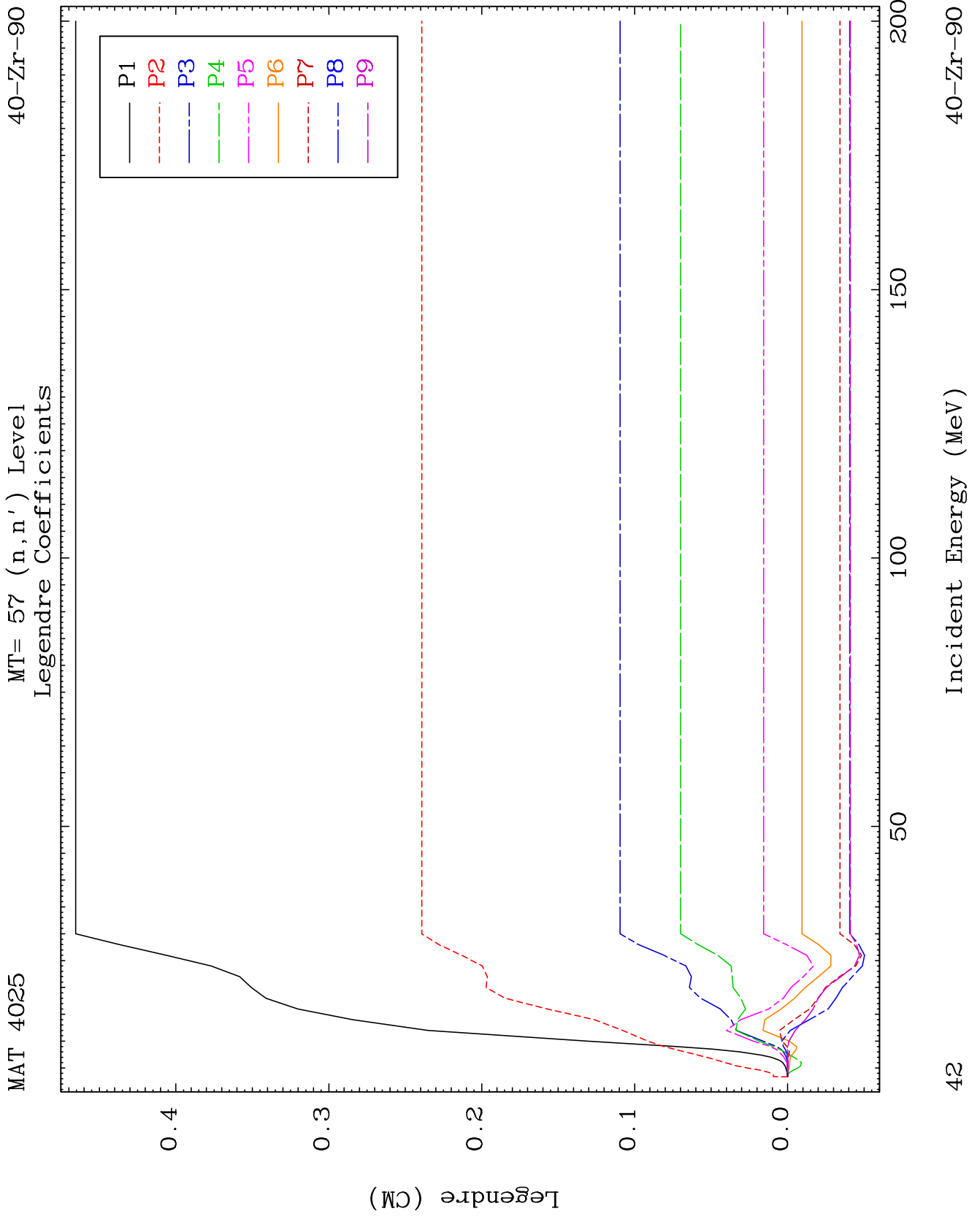
MT= 56 (n,n') Level
Legendre Coefficients

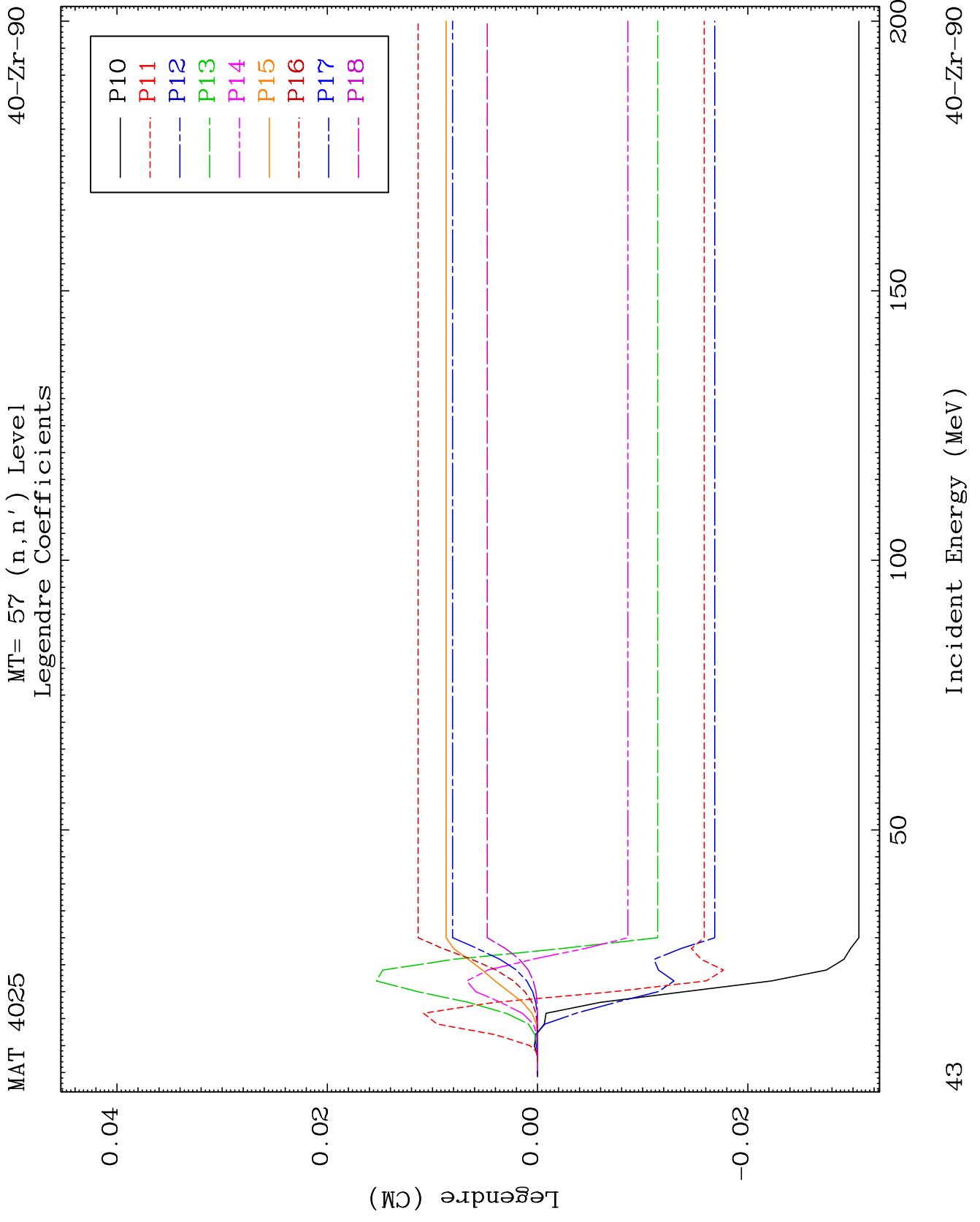
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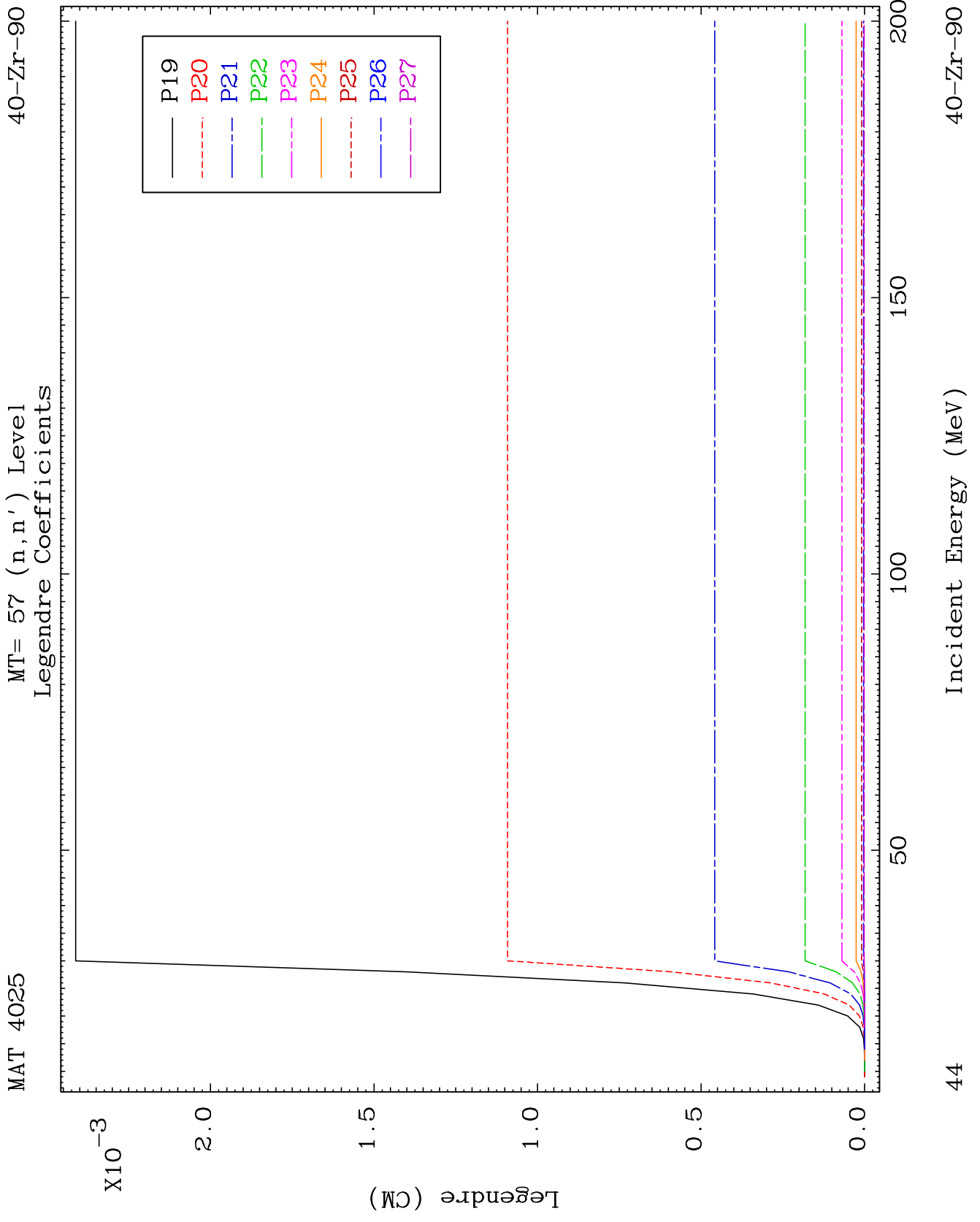


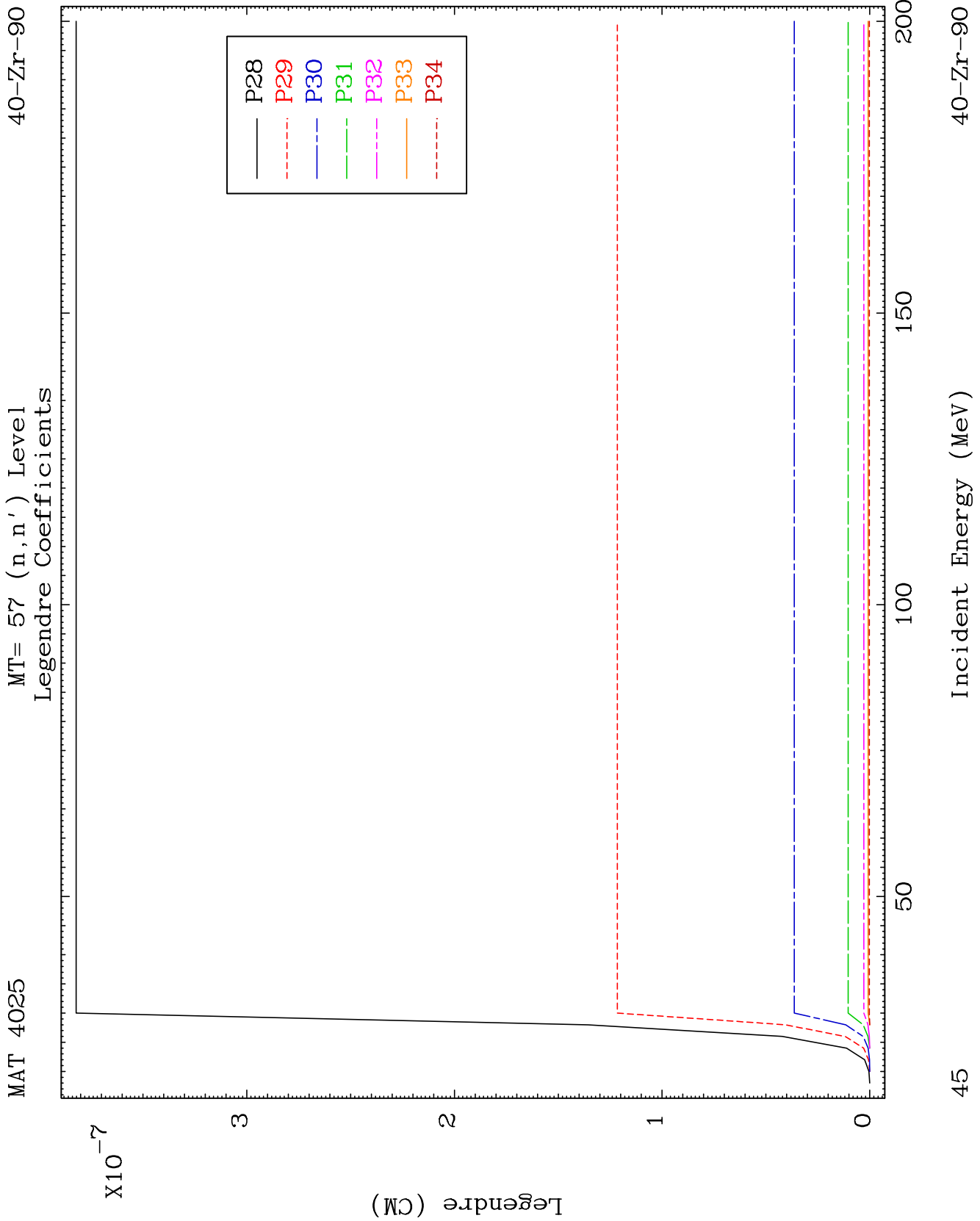


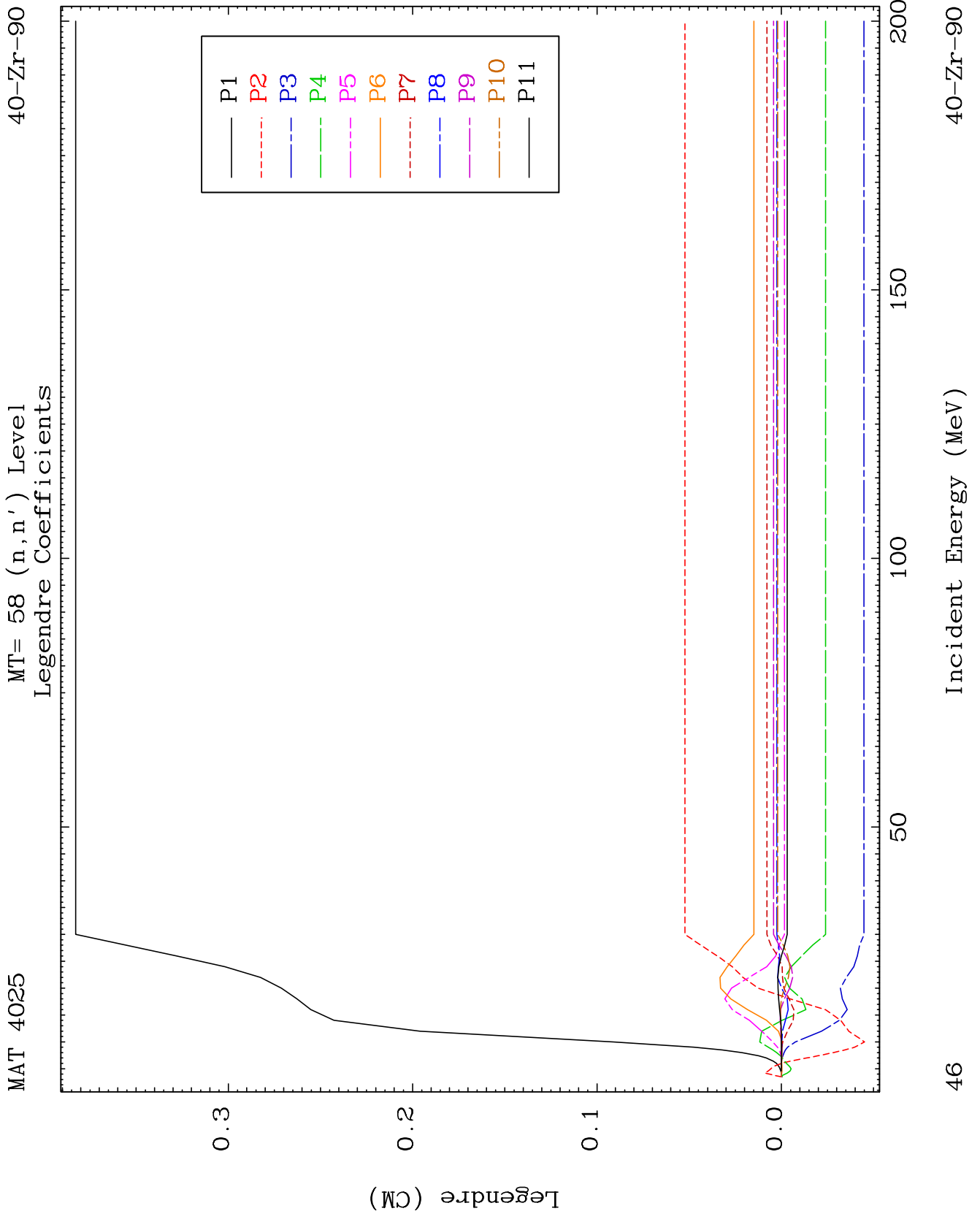


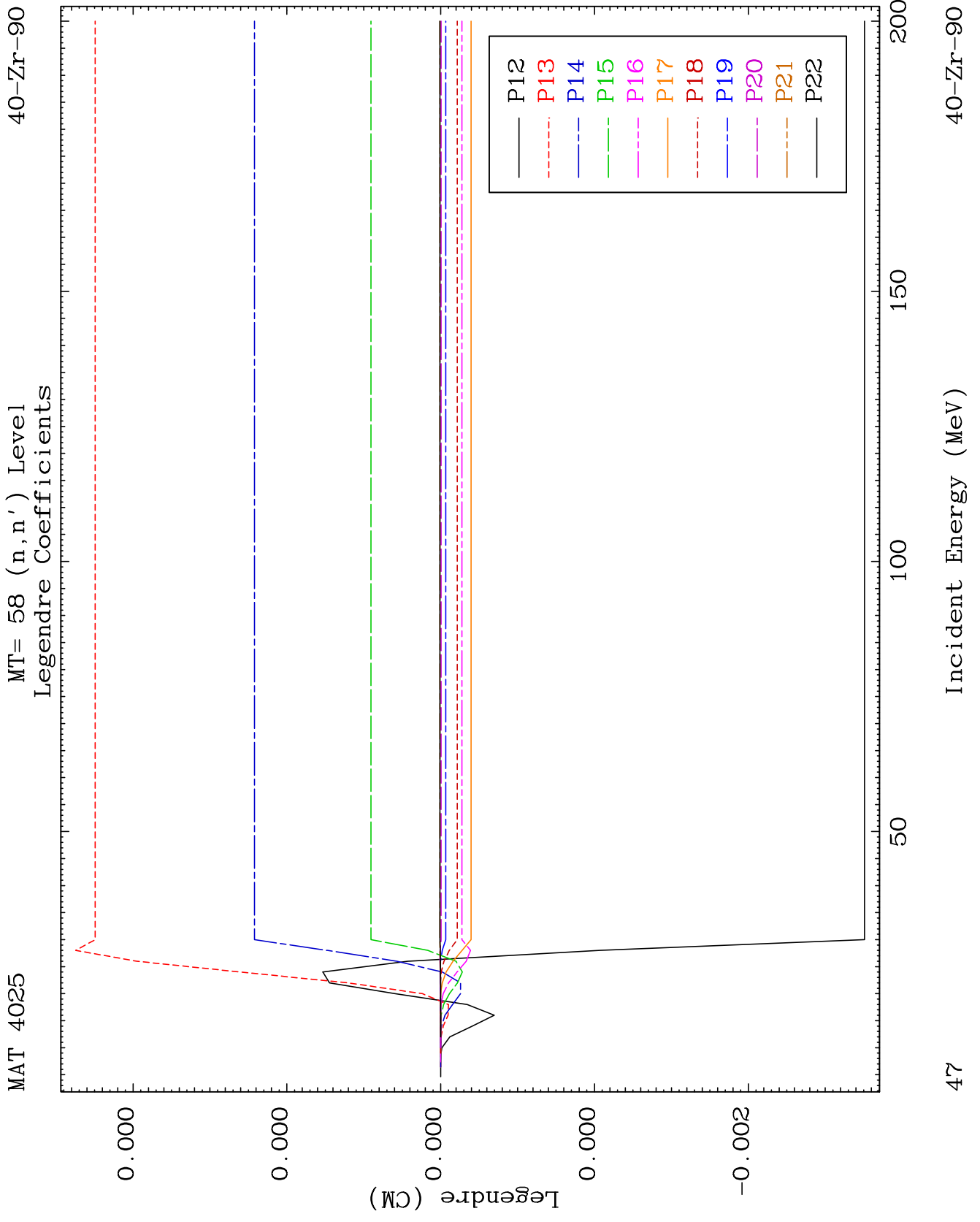


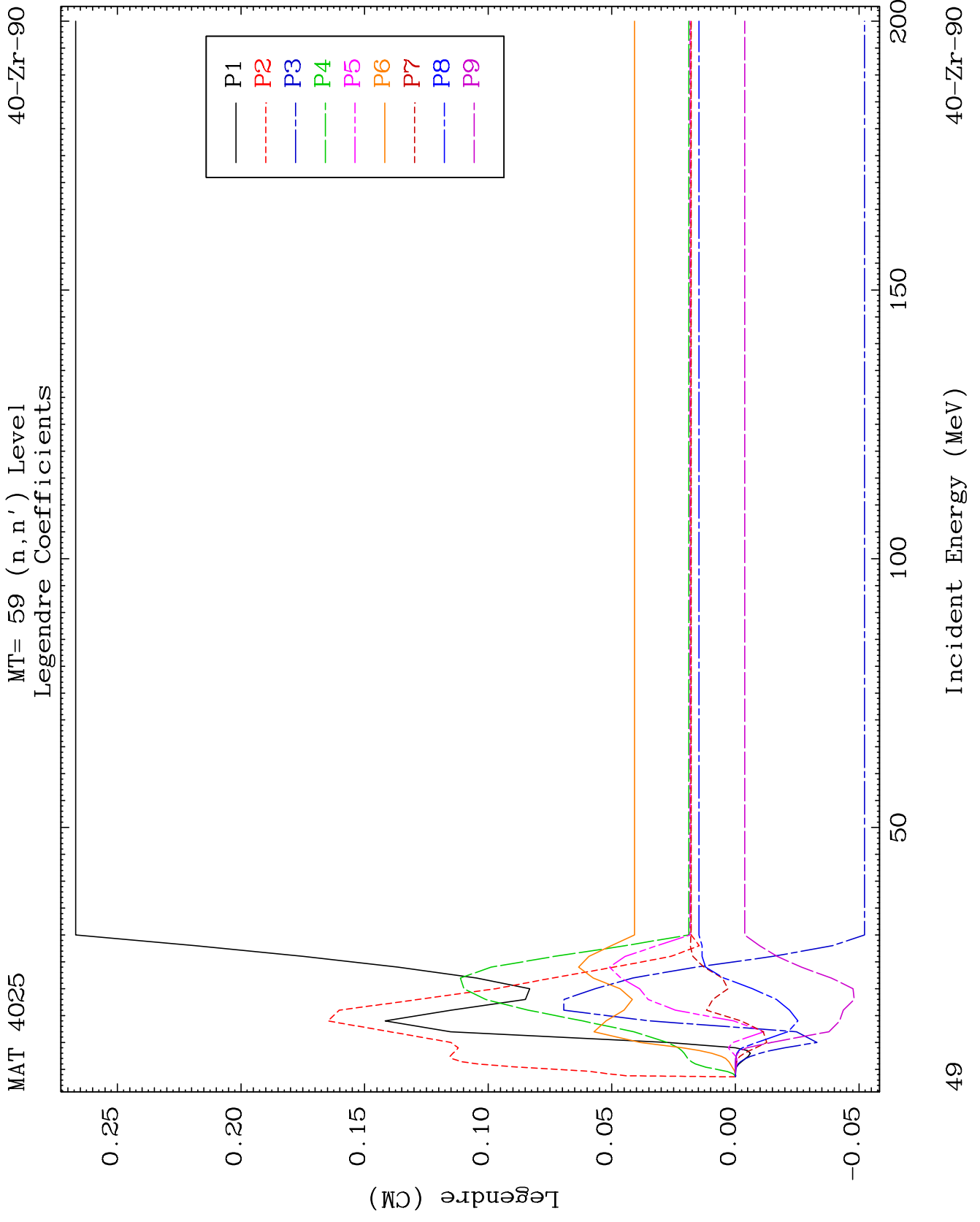


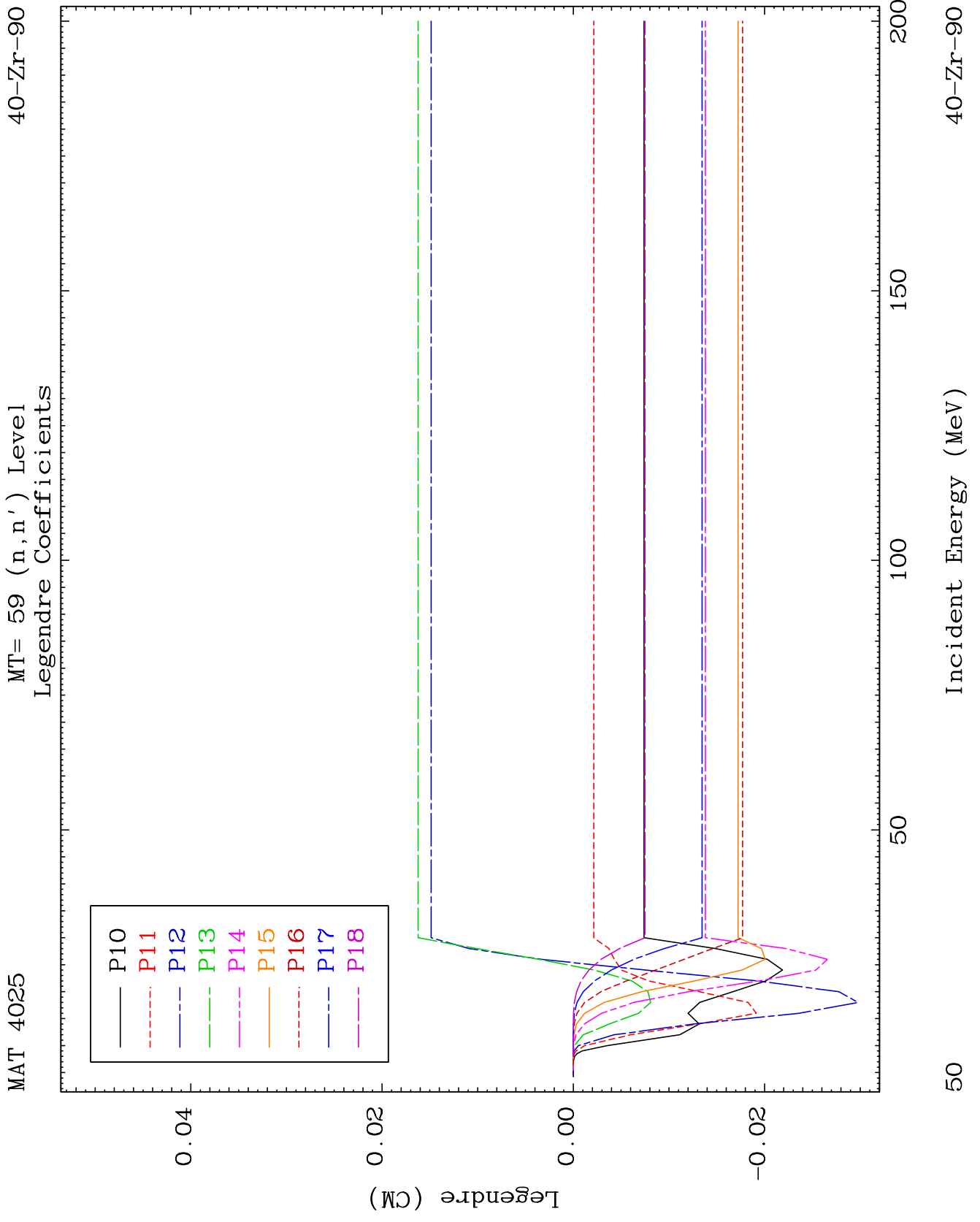


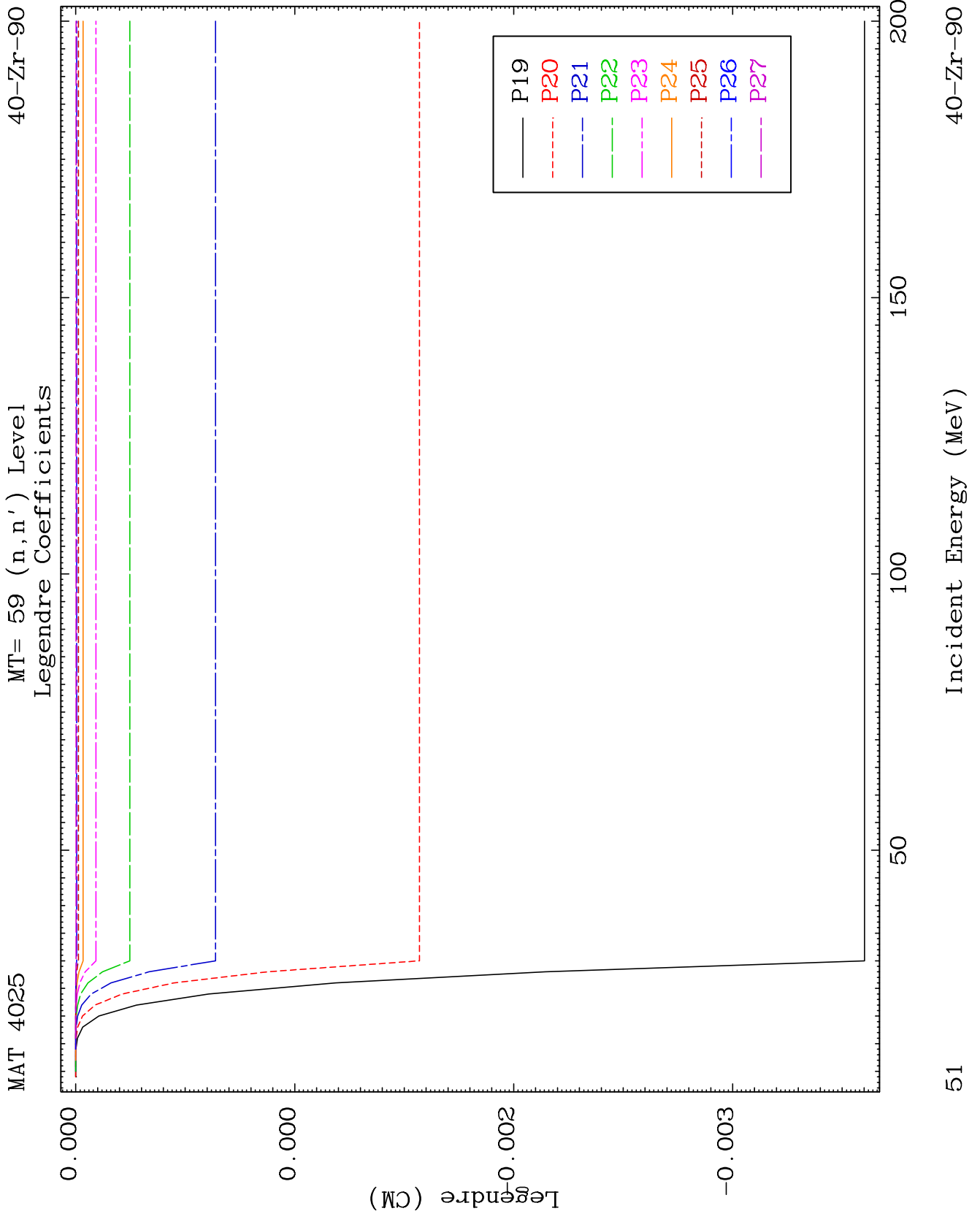


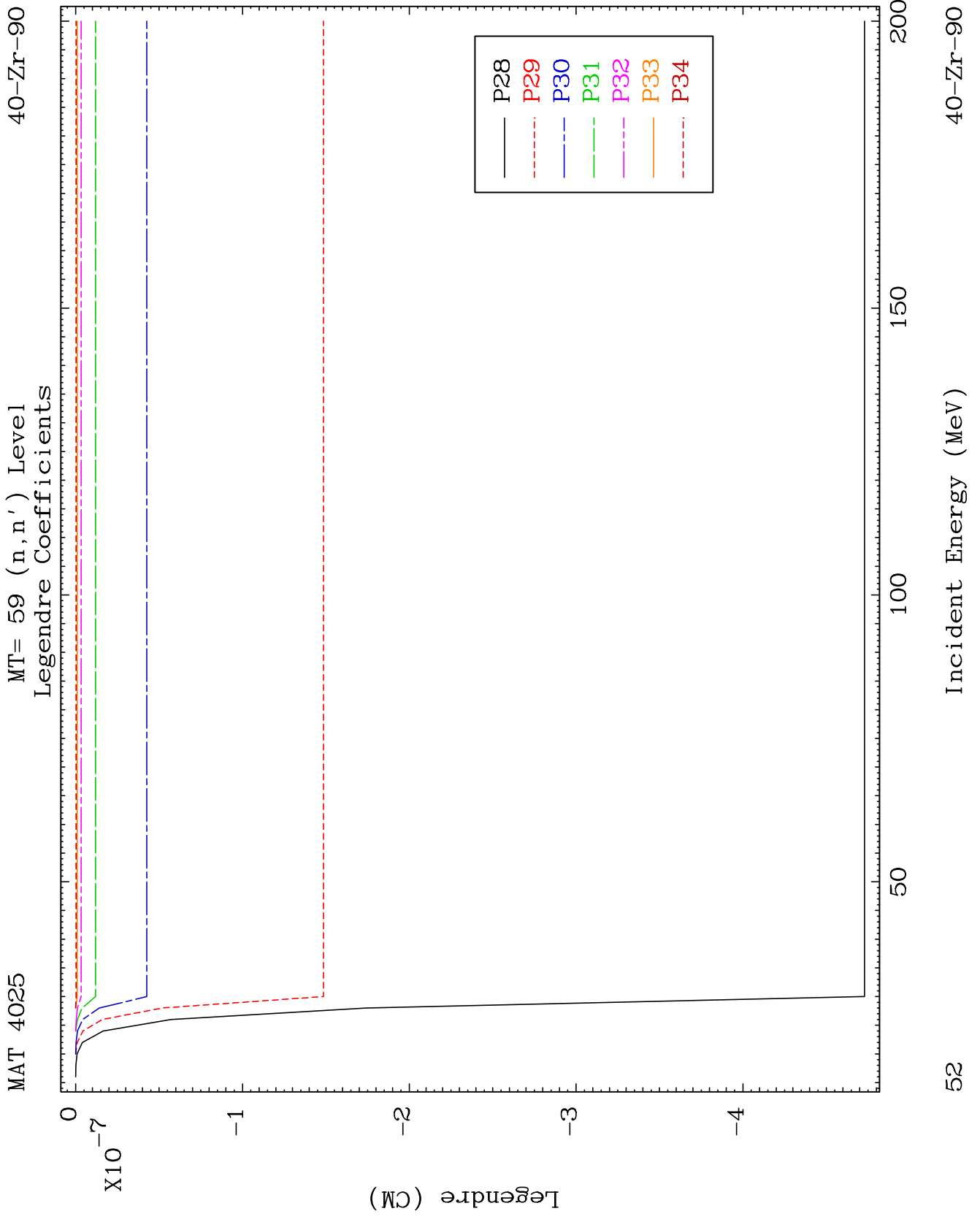


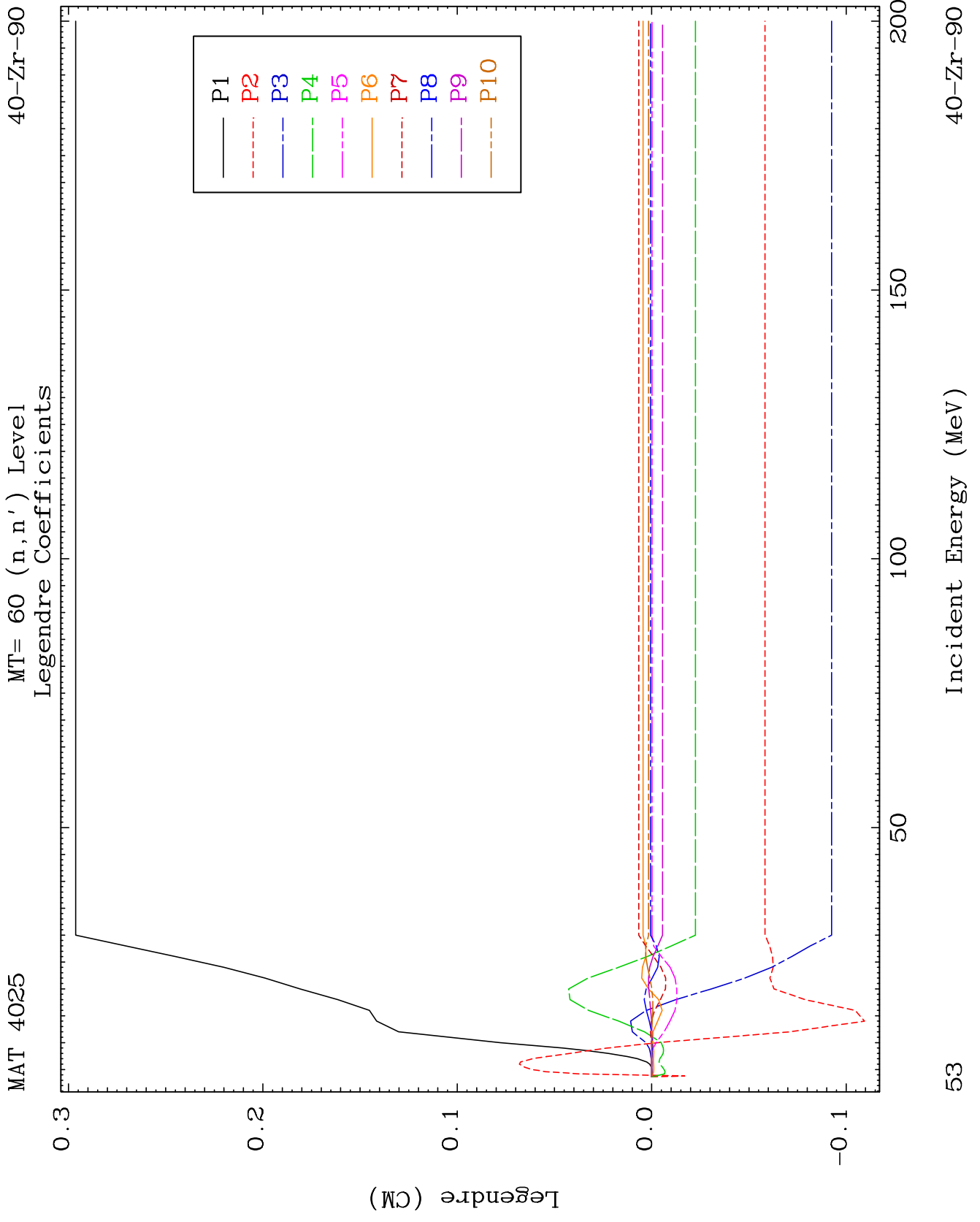


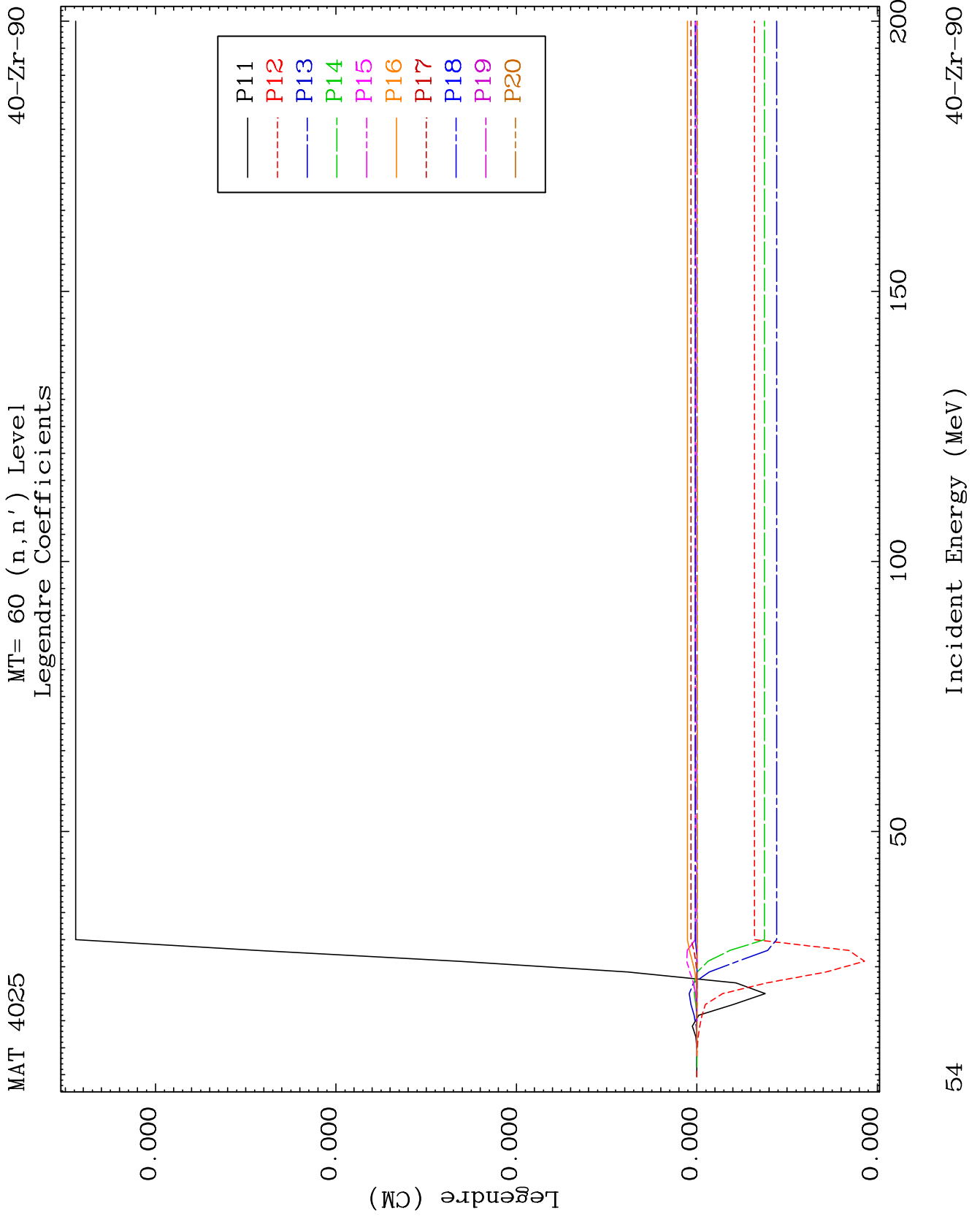


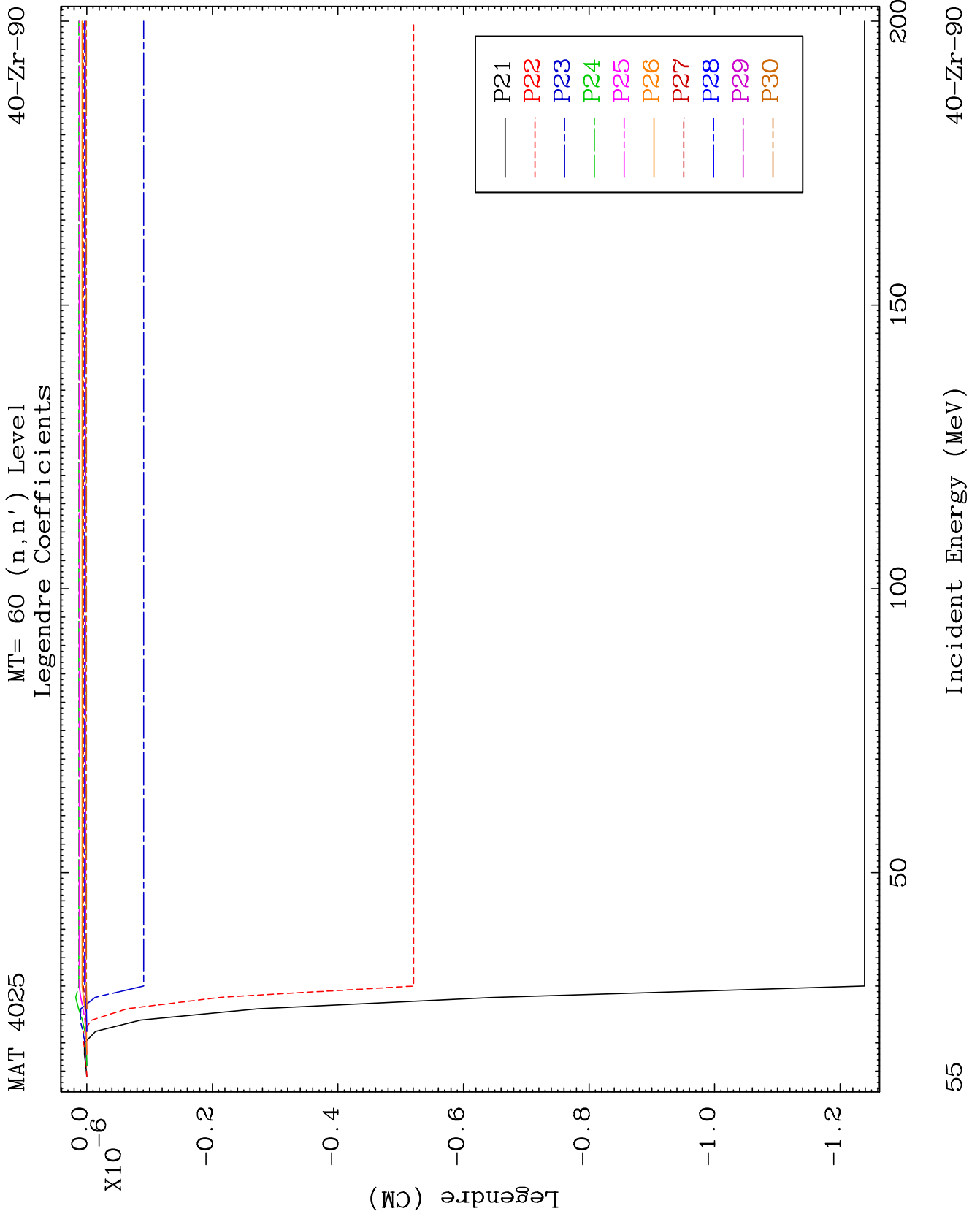


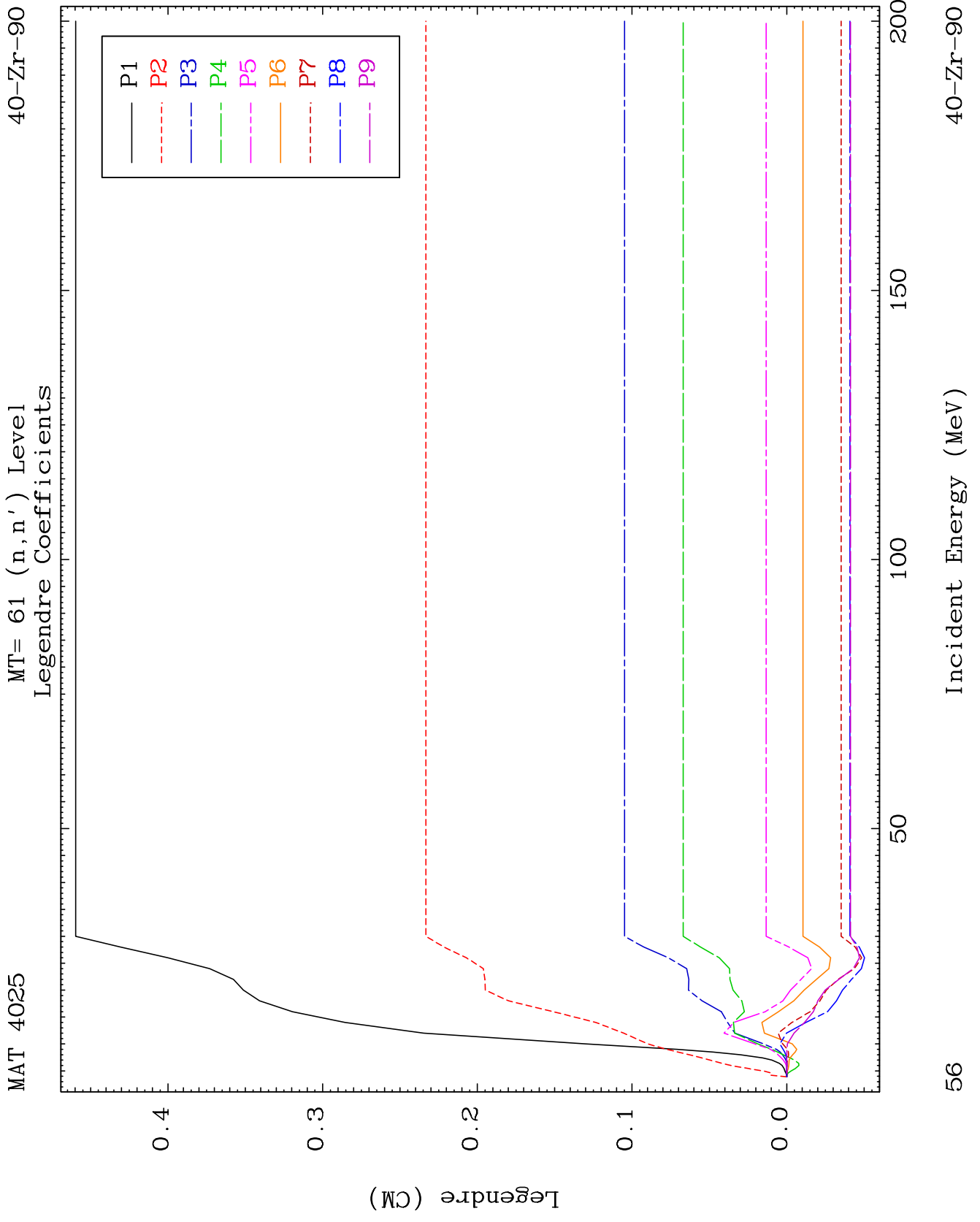


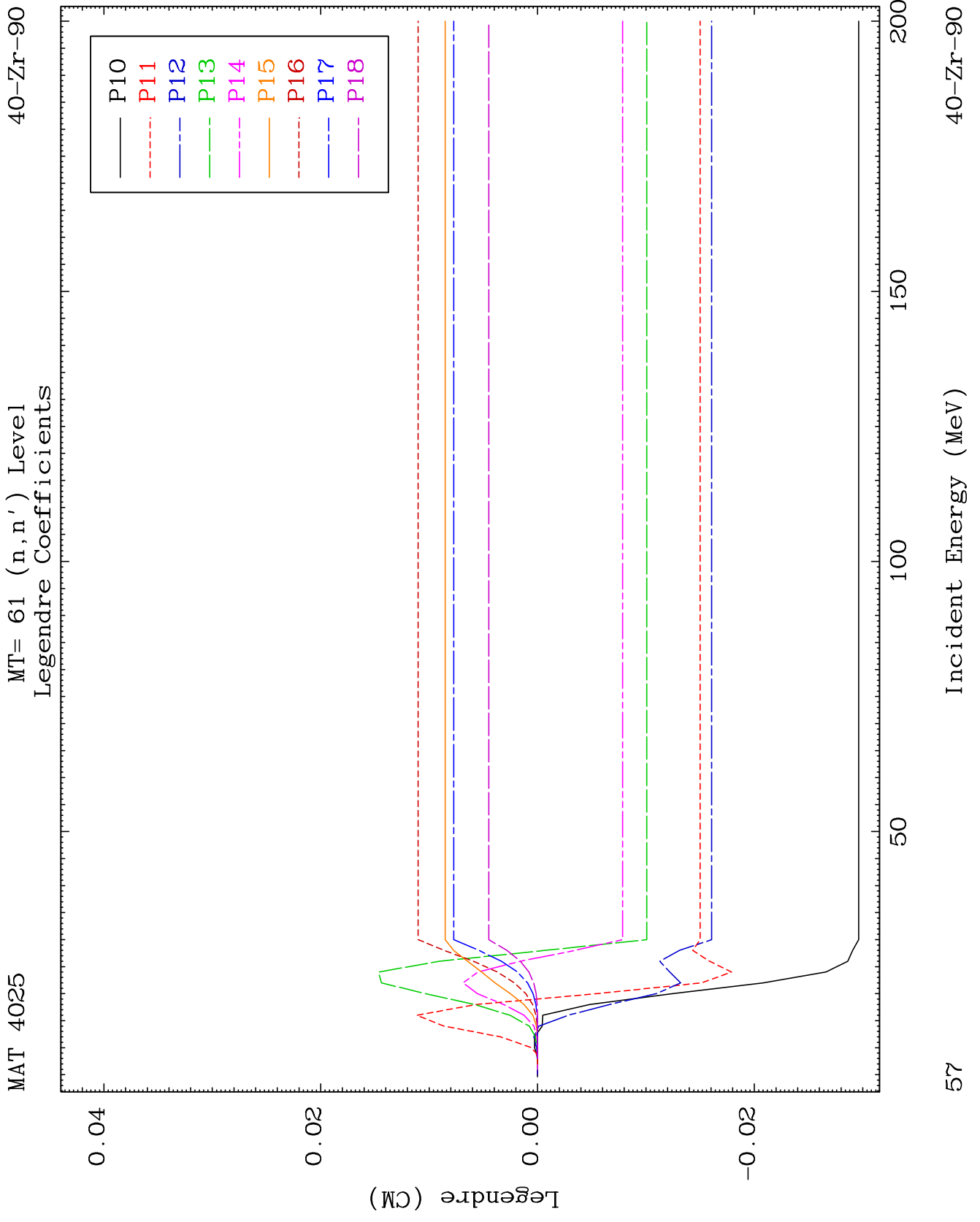


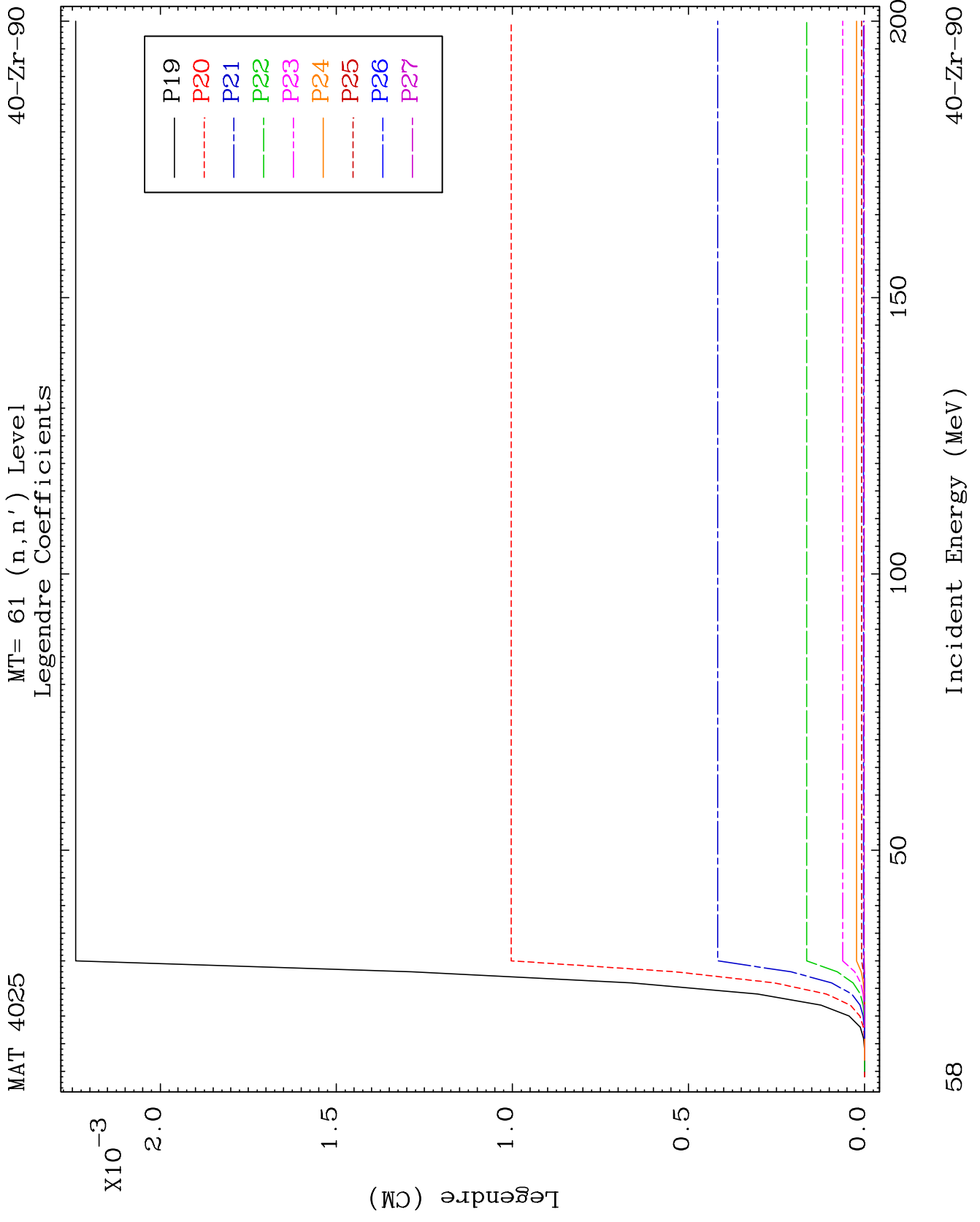


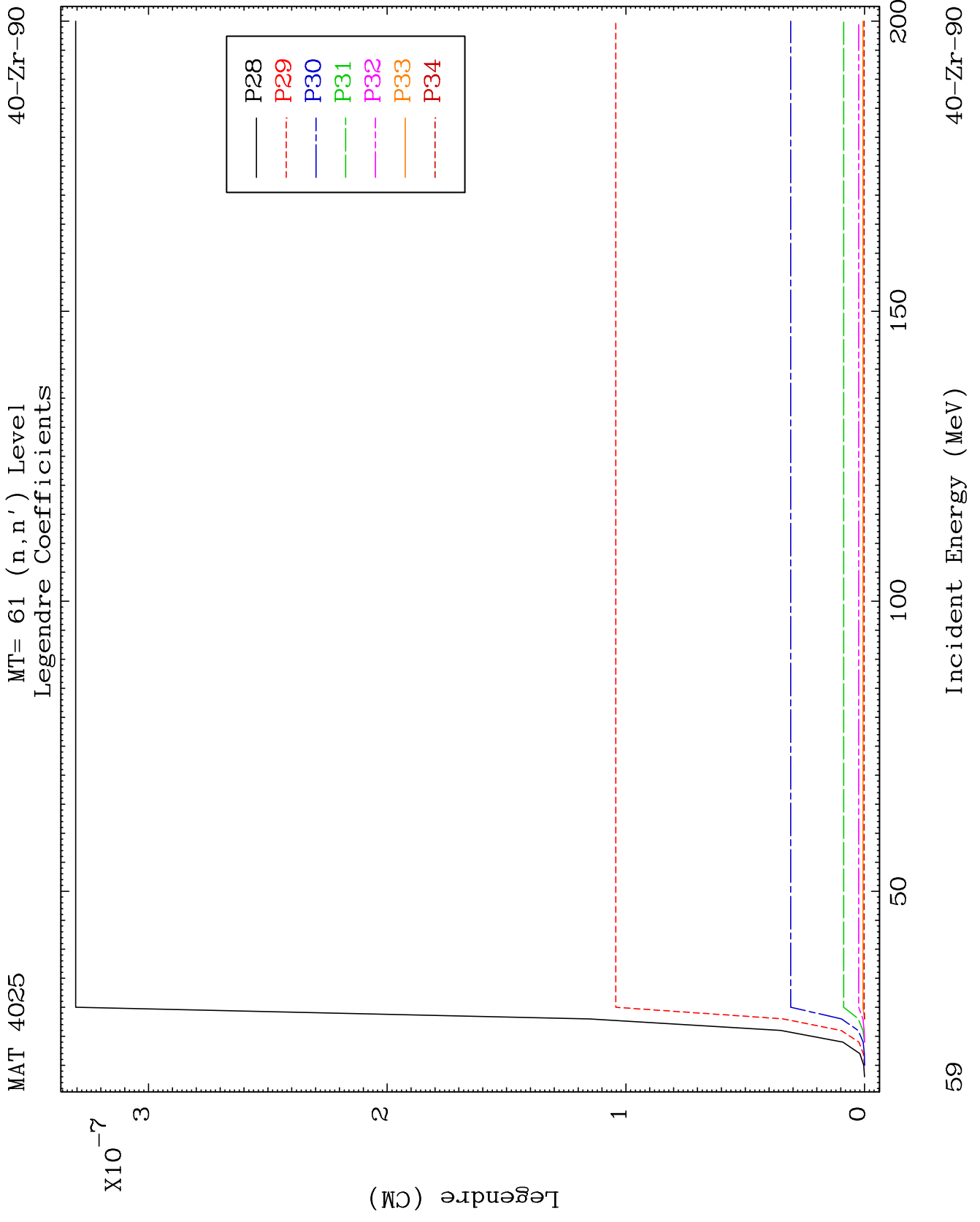


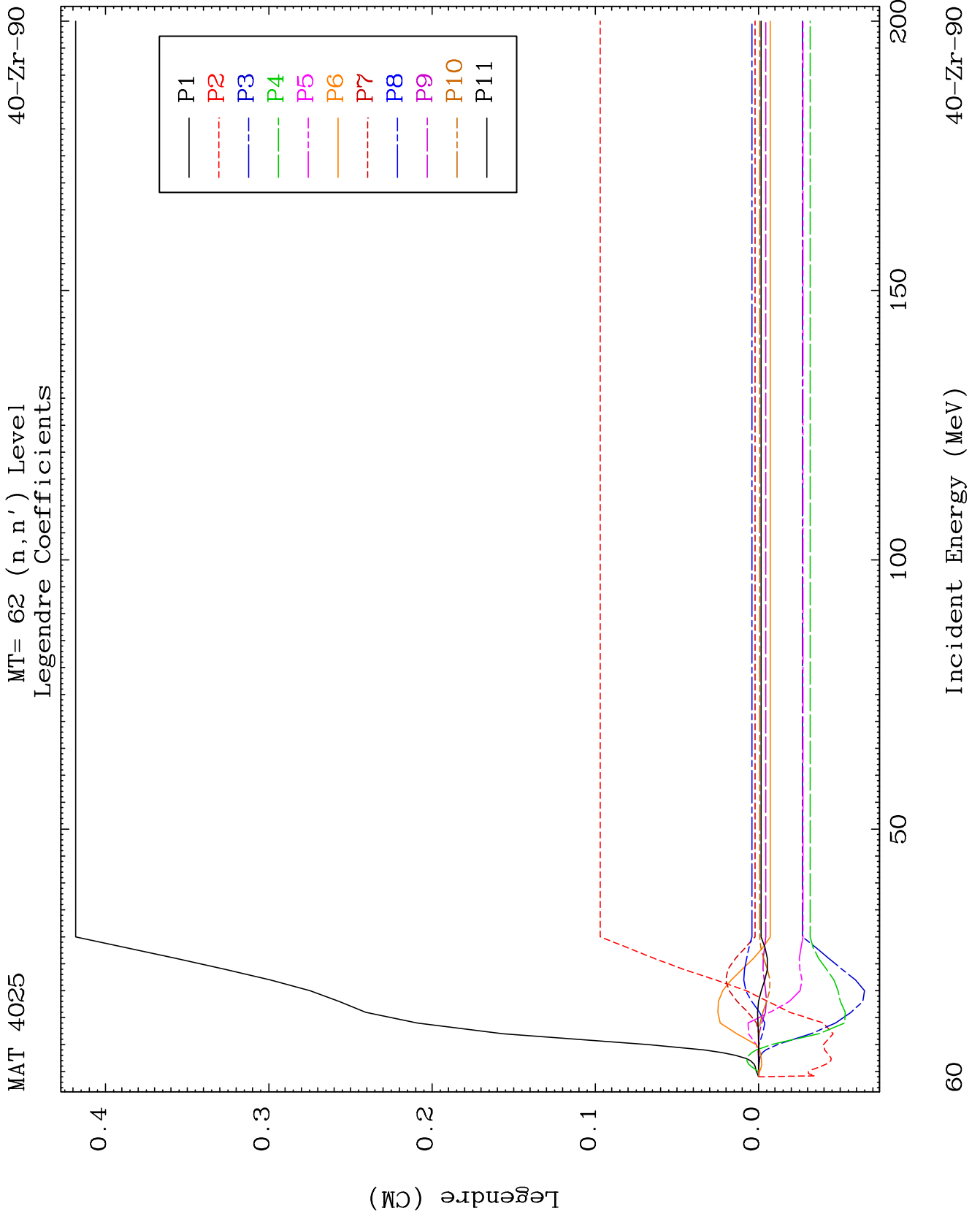


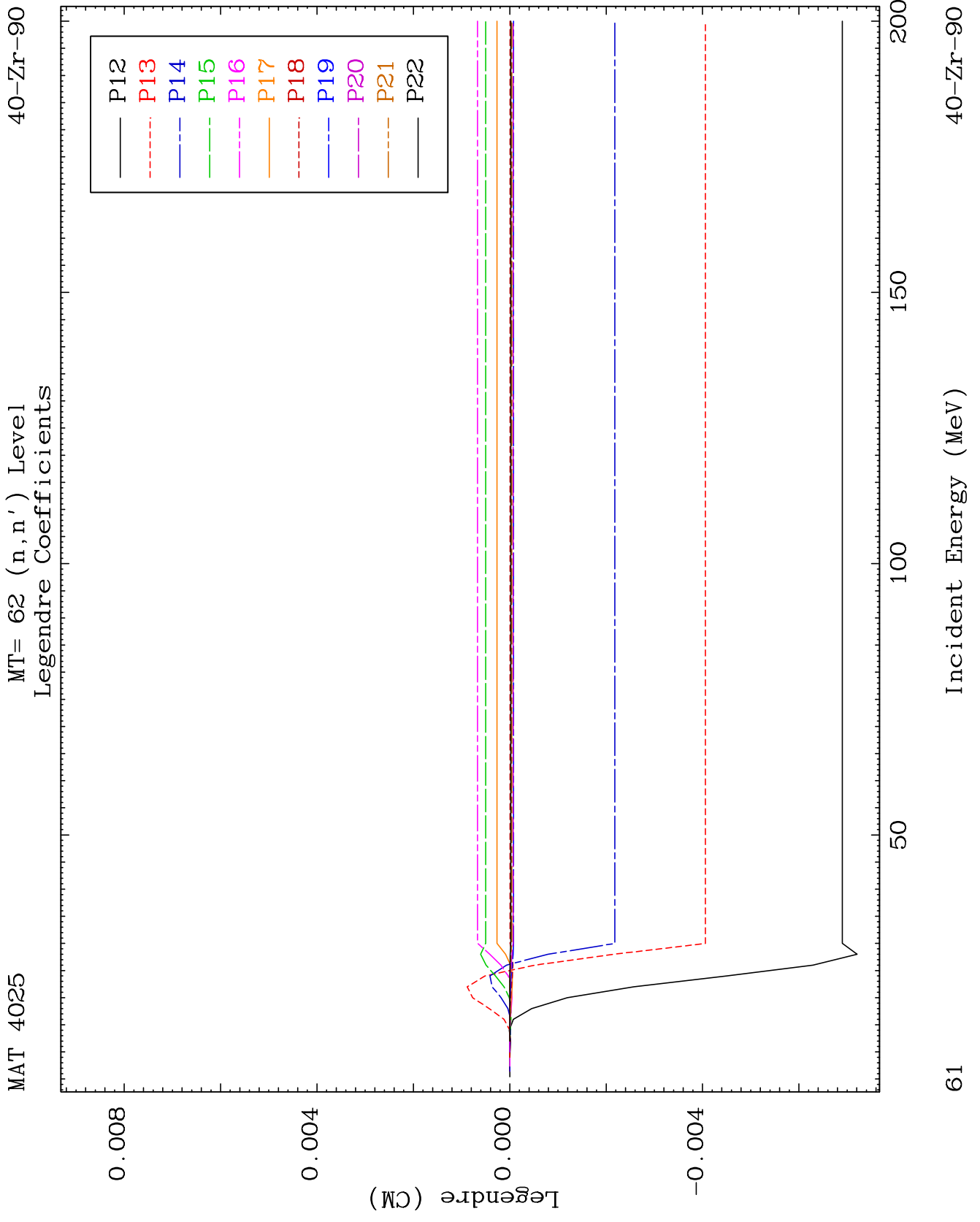


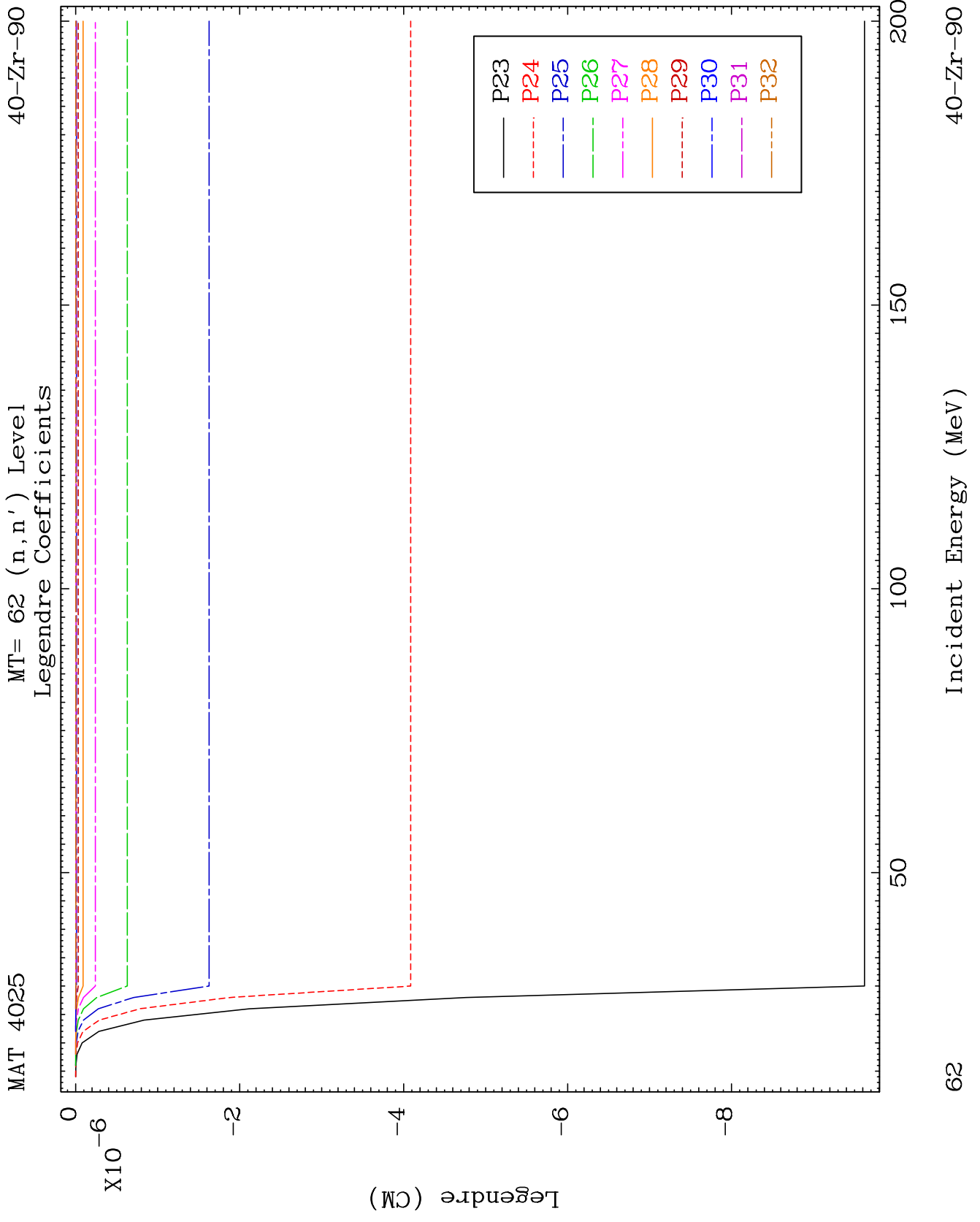


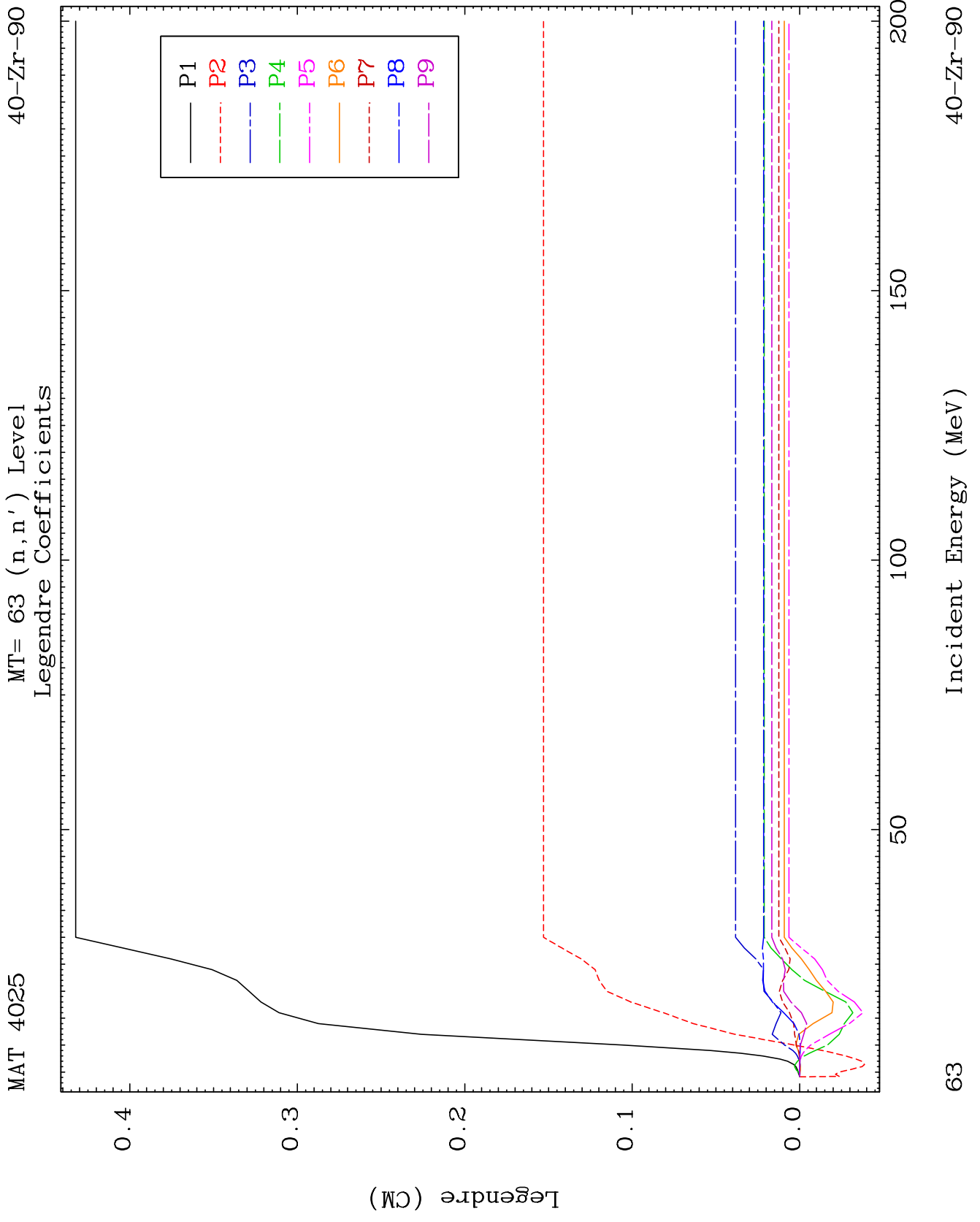








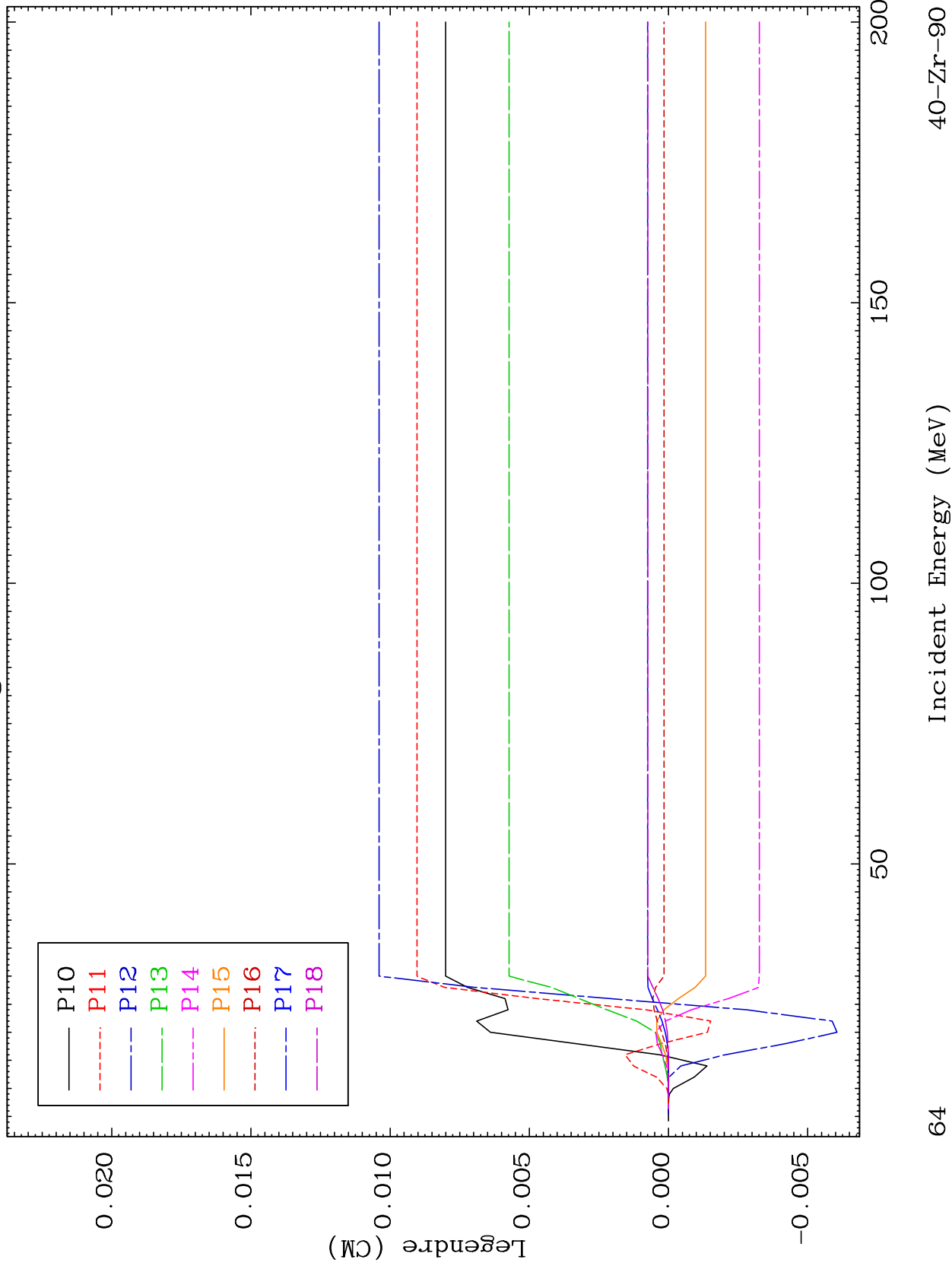




MAT 4025

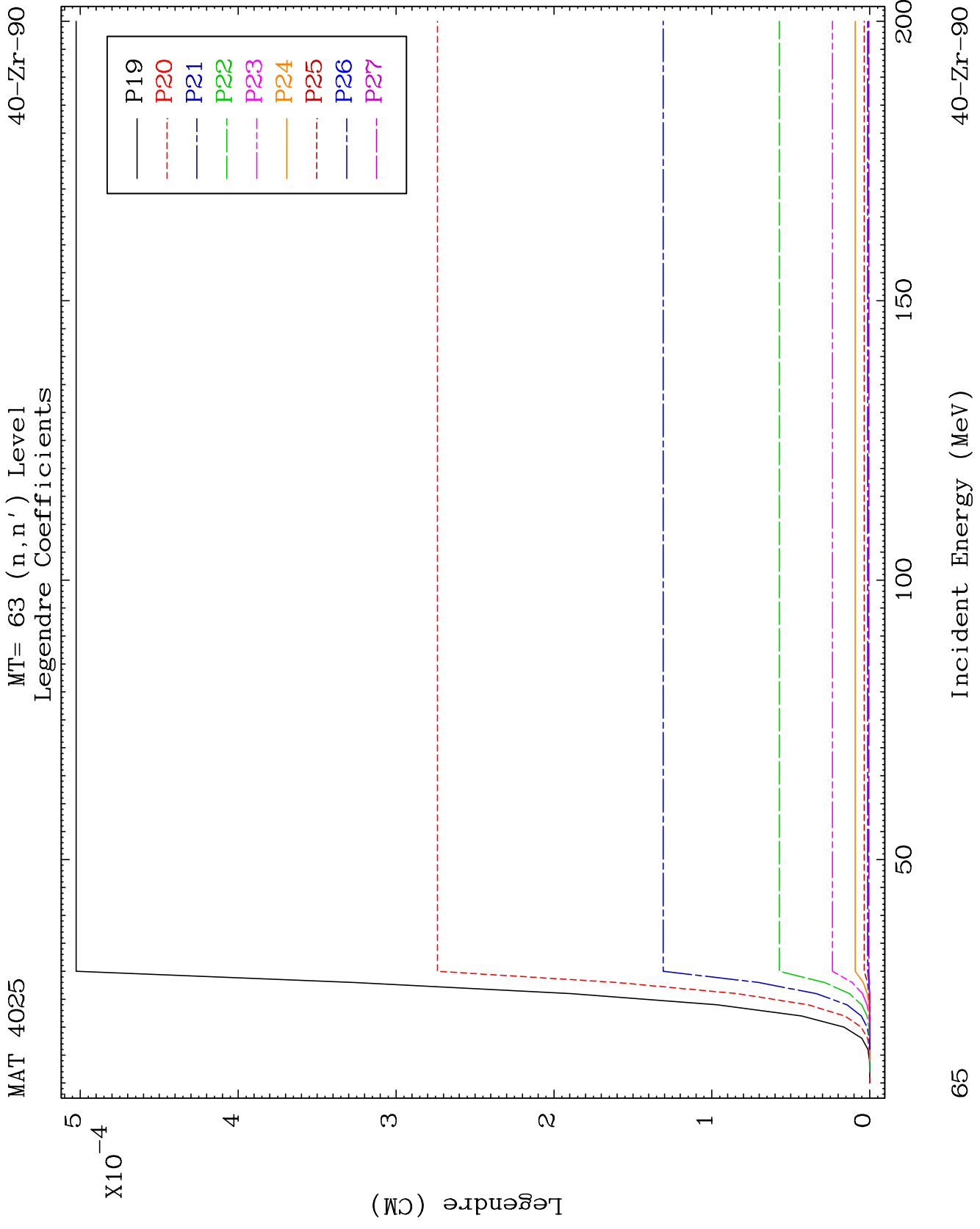
MT= 63 (n,n') Level
Legendre Coefficients

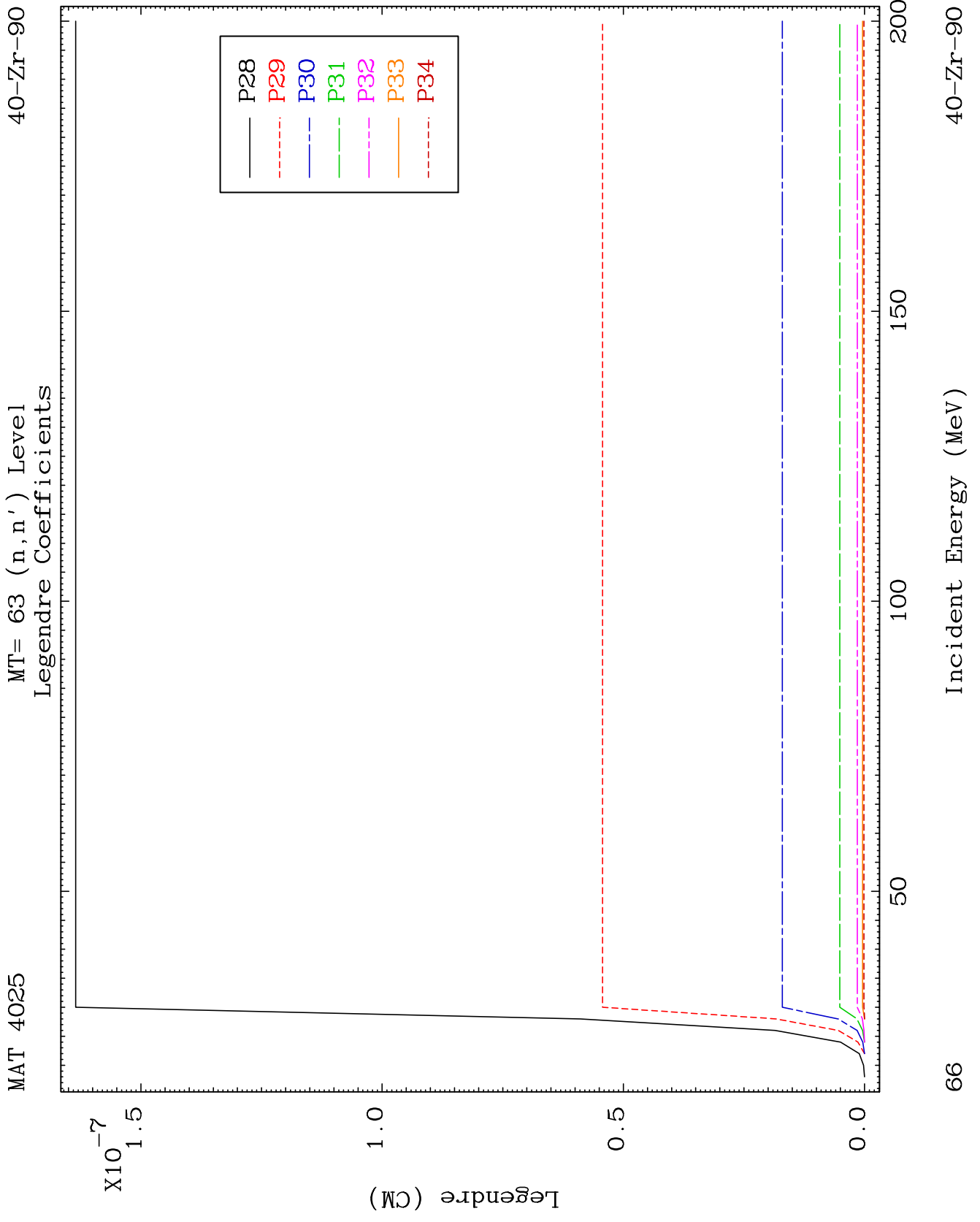
40-Zr-90

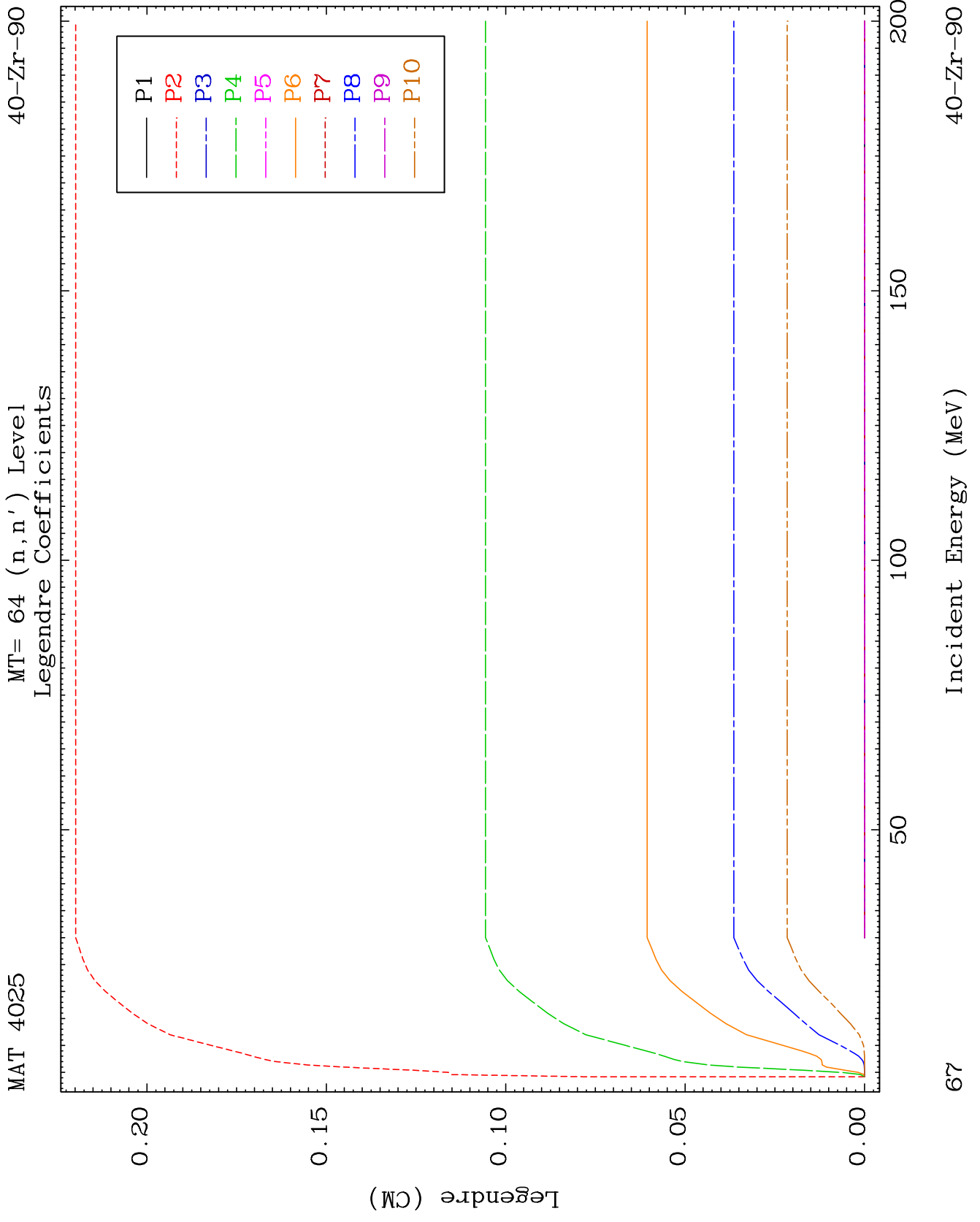


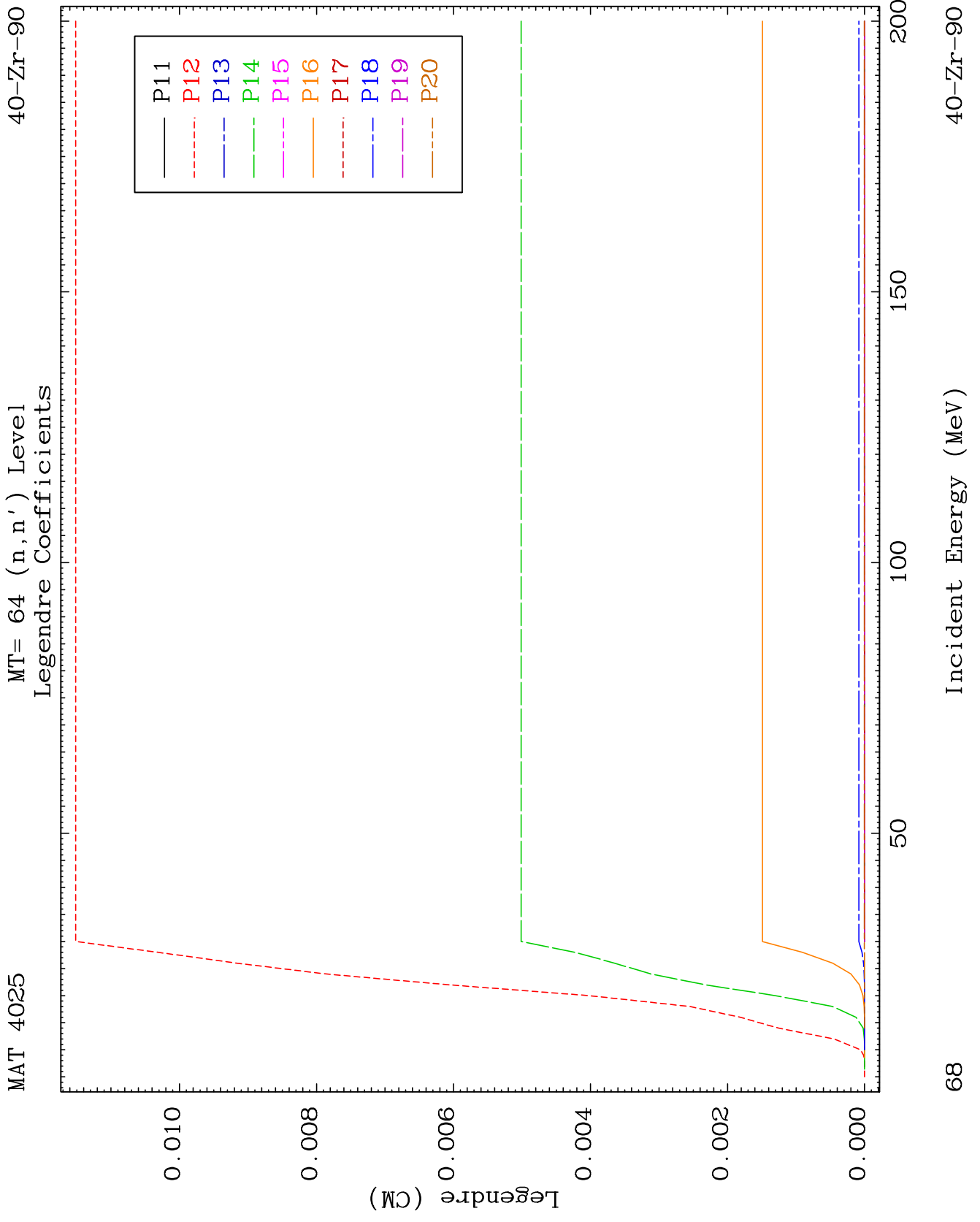
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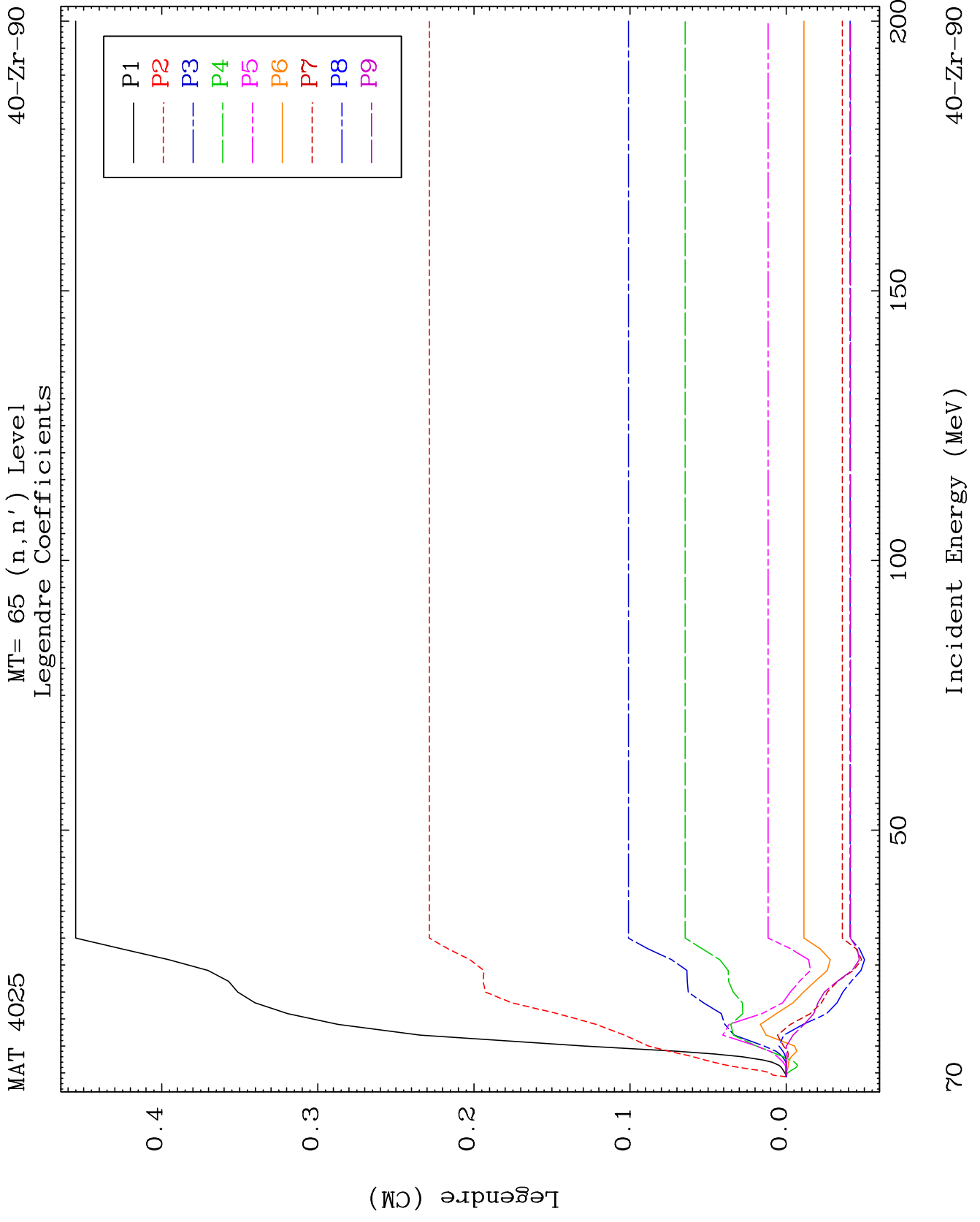
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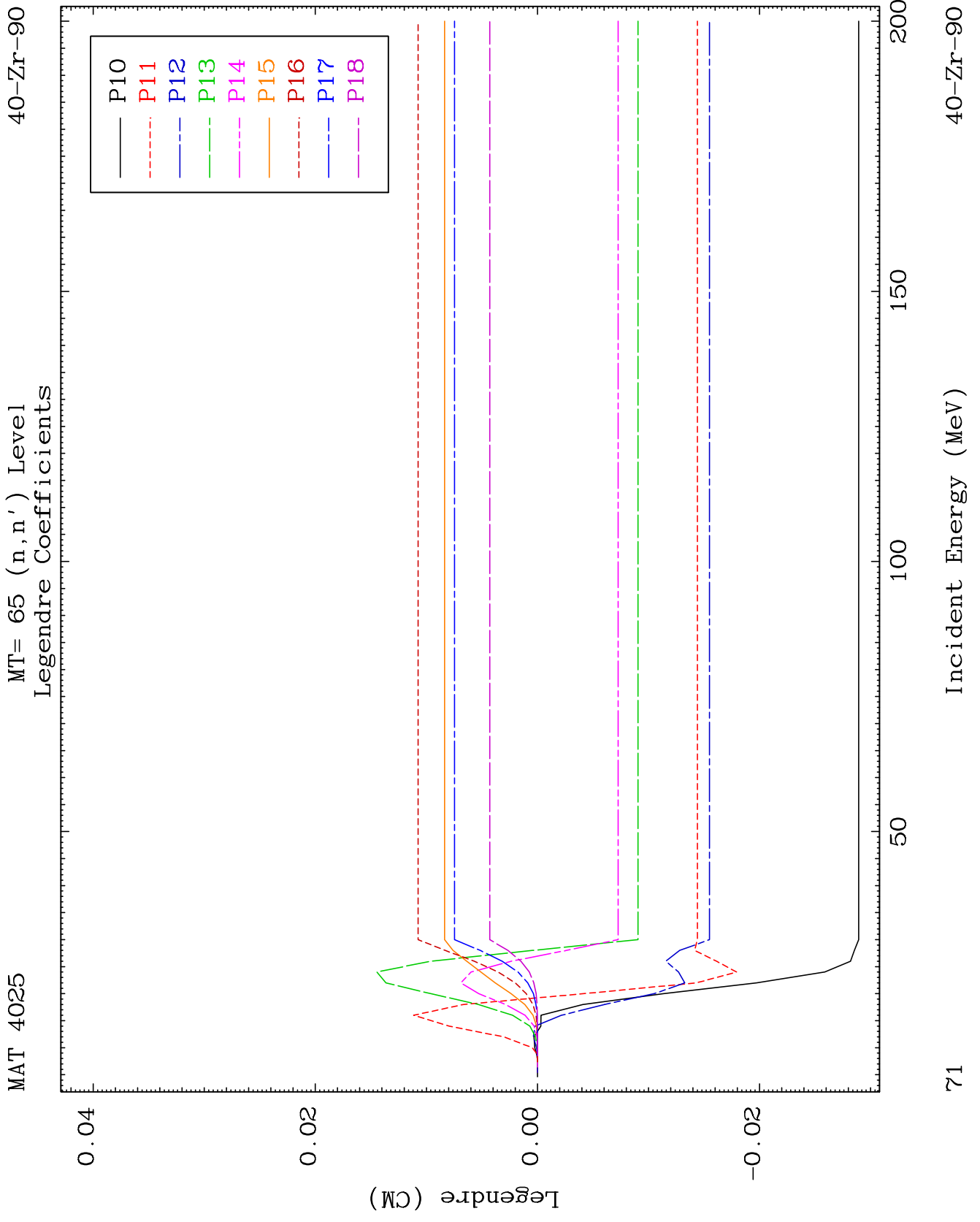


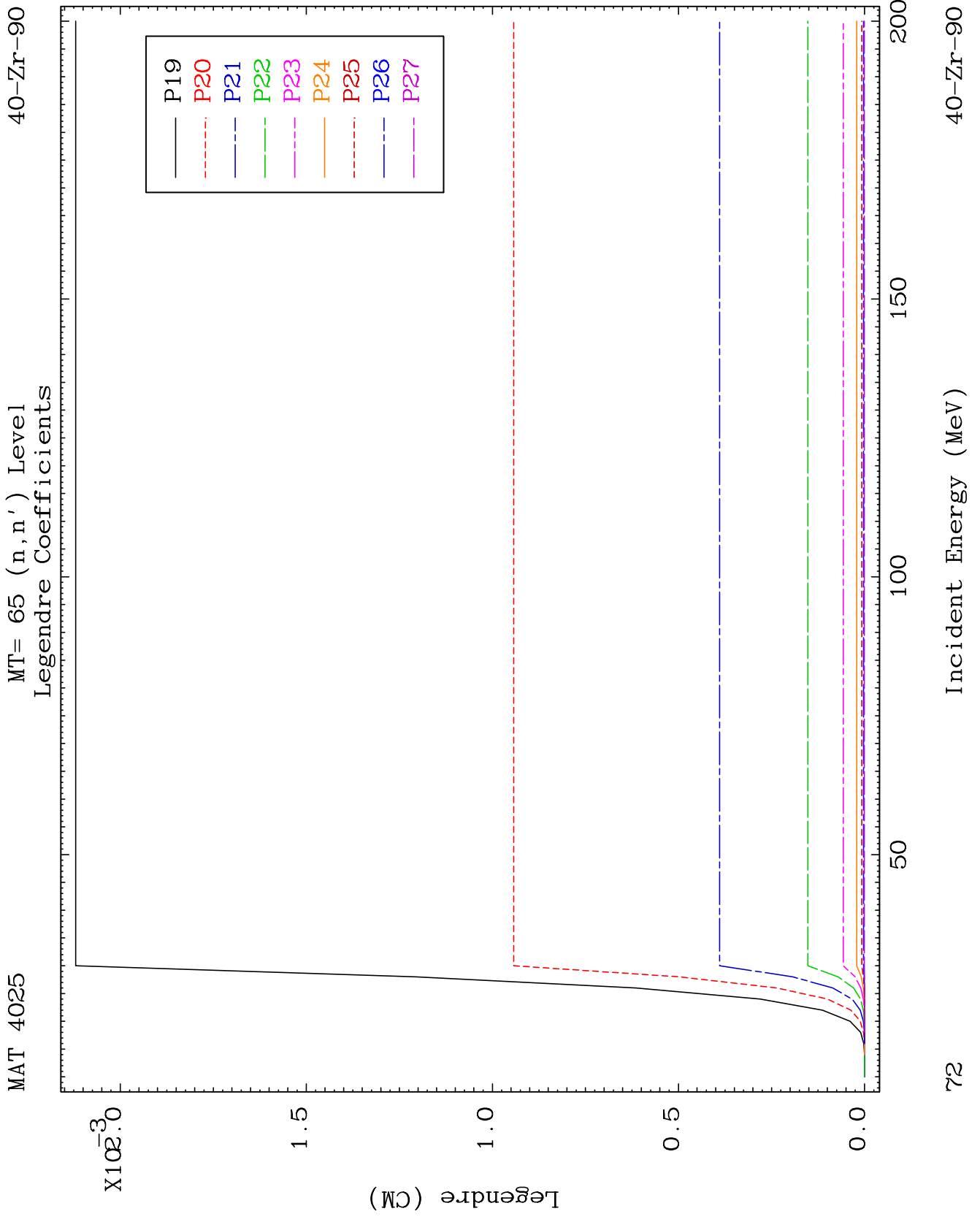


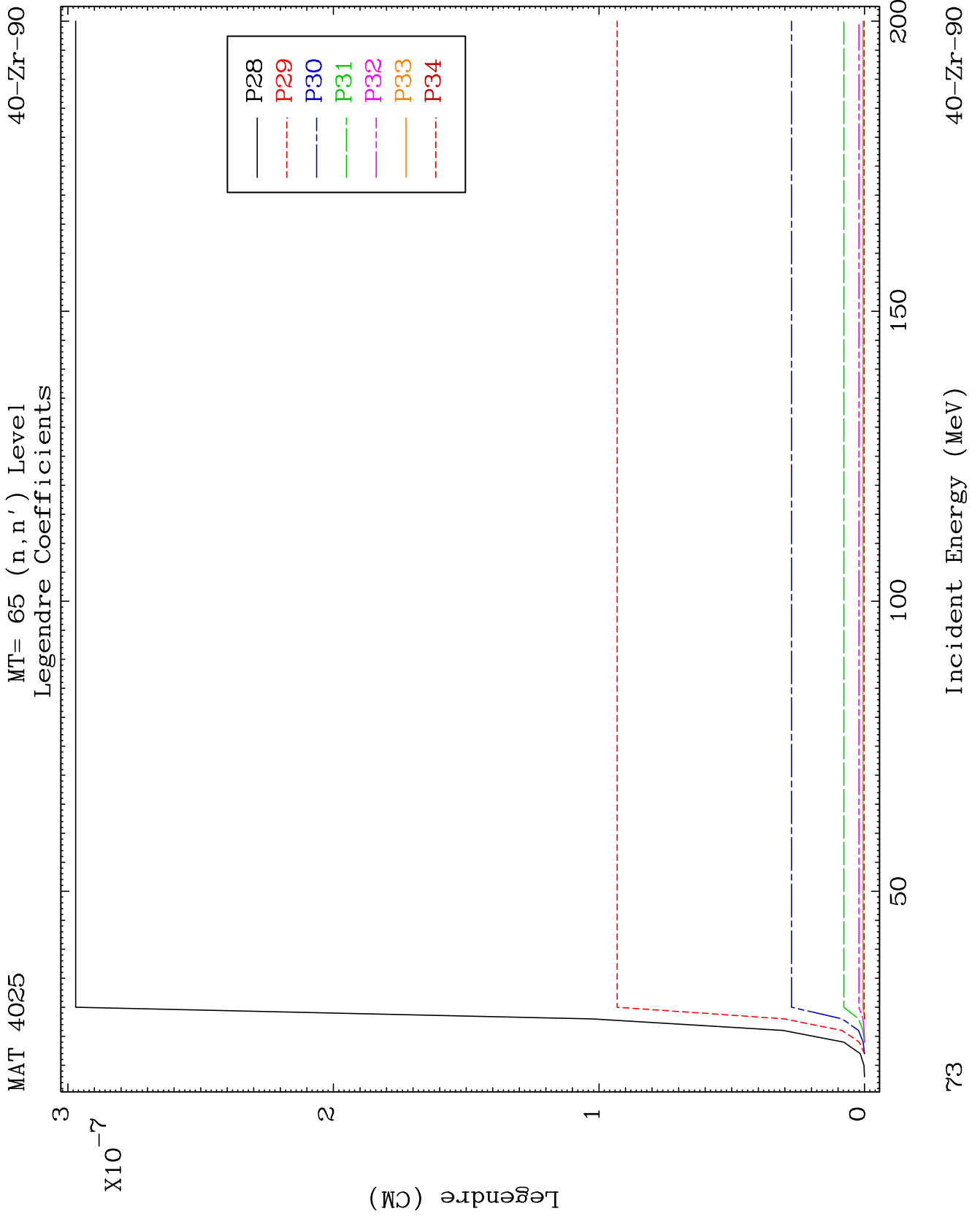


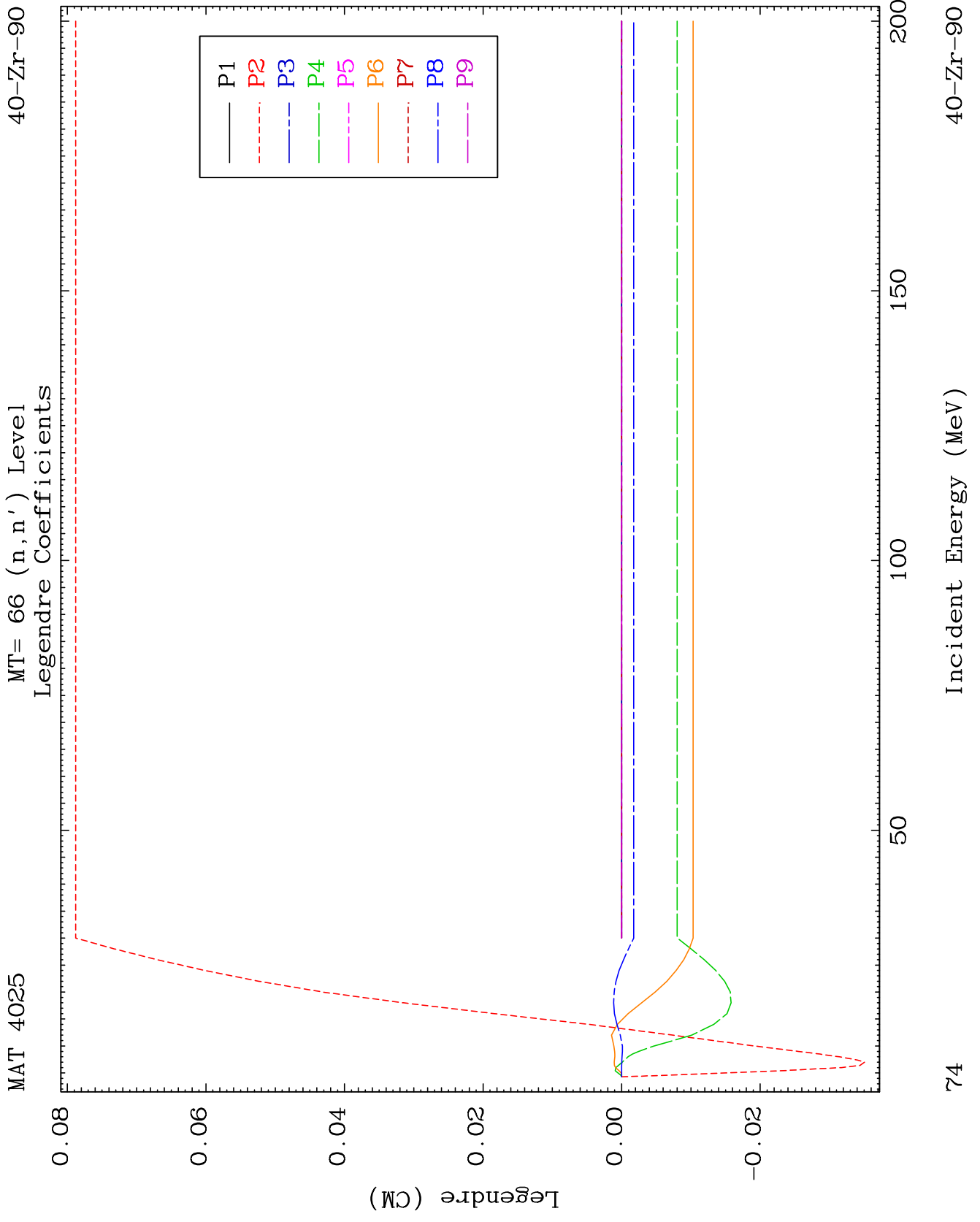


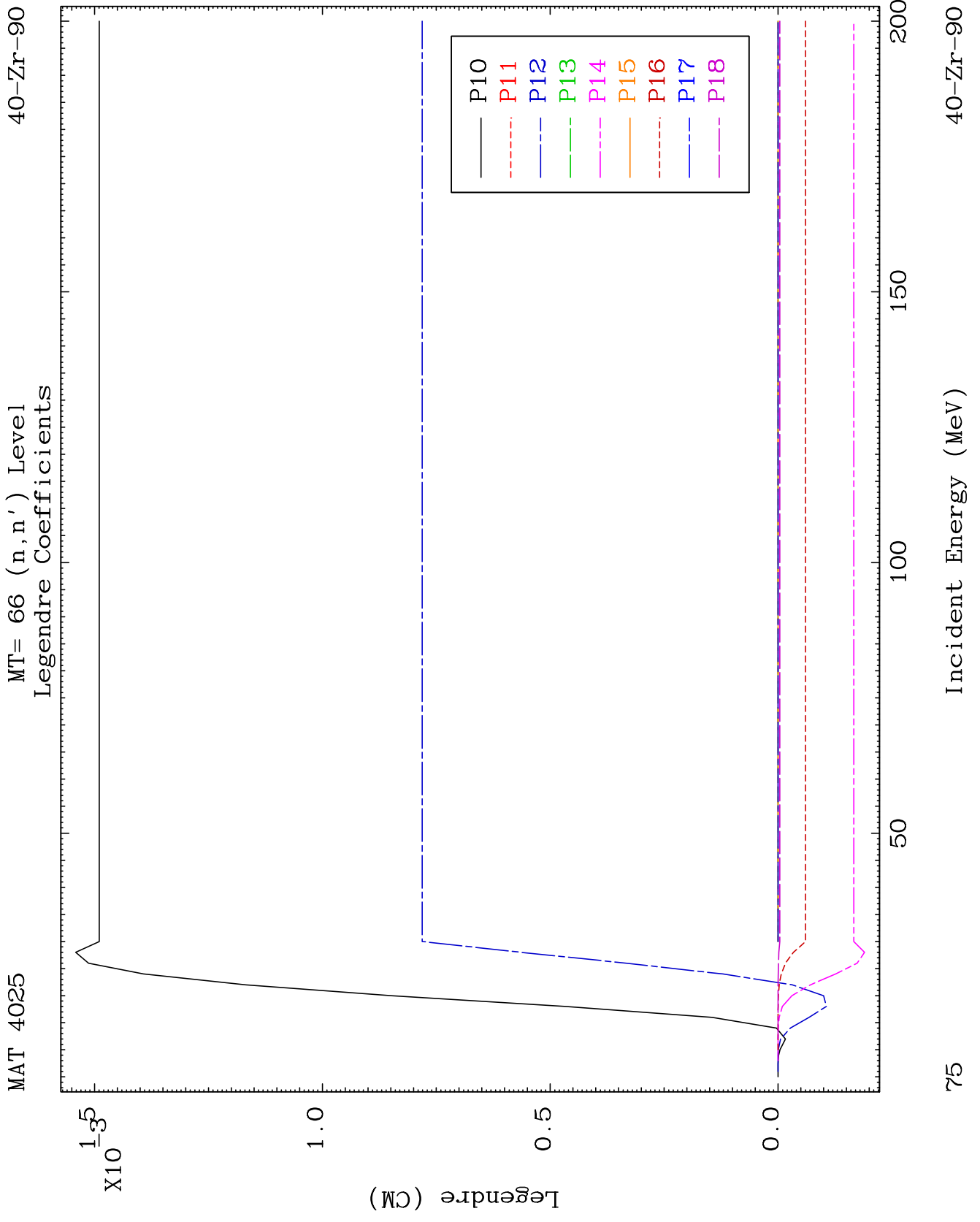


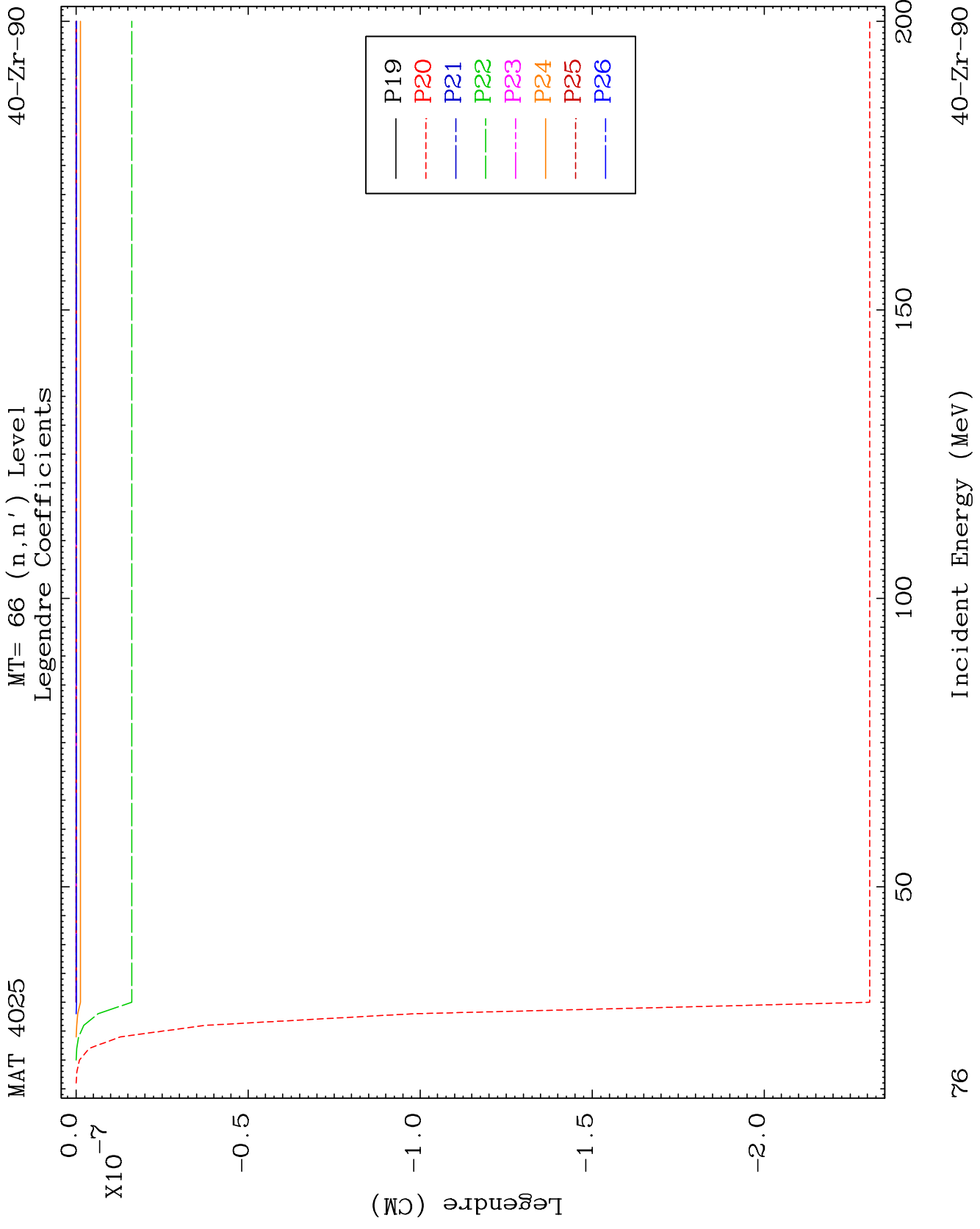








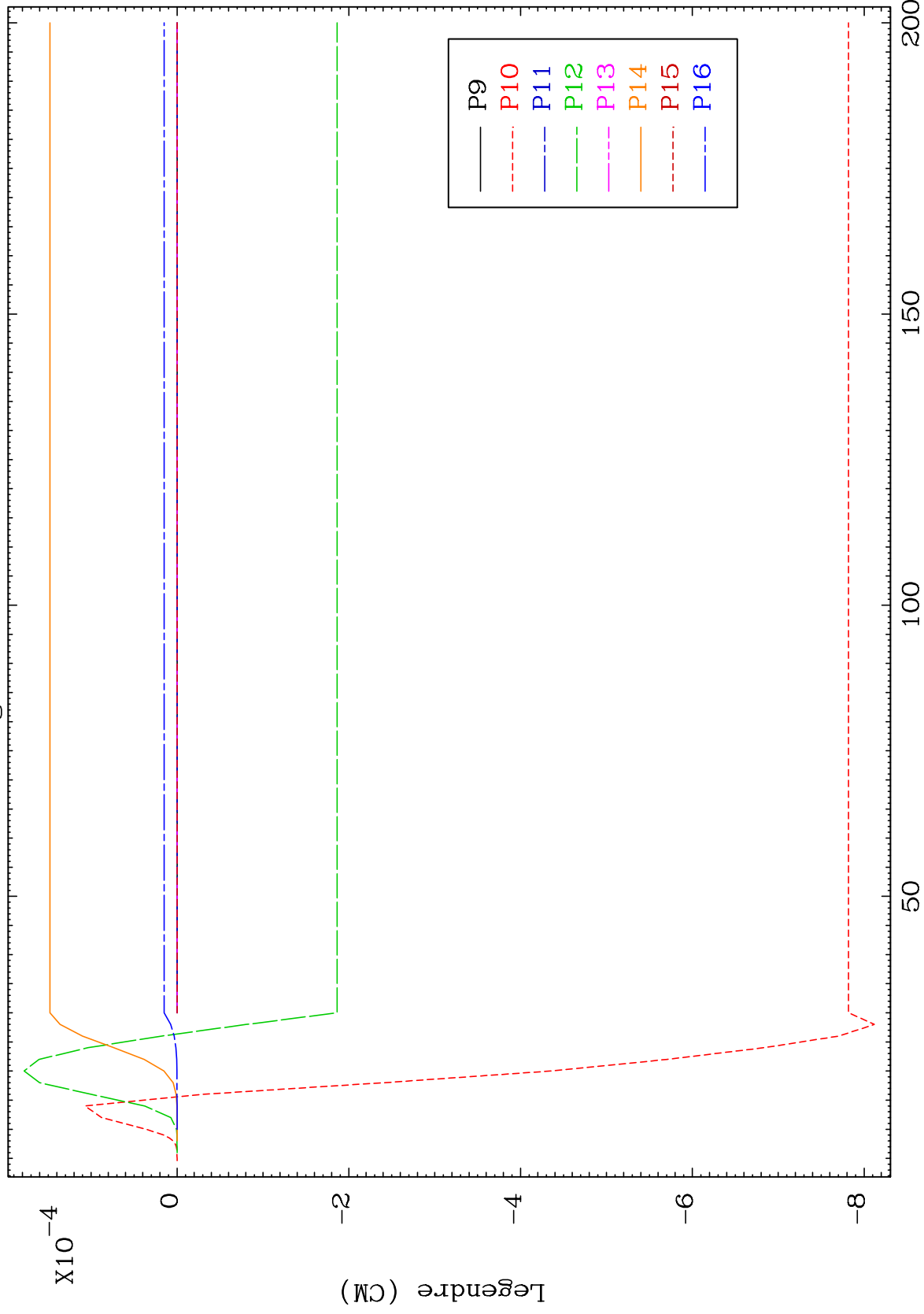




MAT 4025

MT= 67 (n,n') Level
Legendre Coefficients

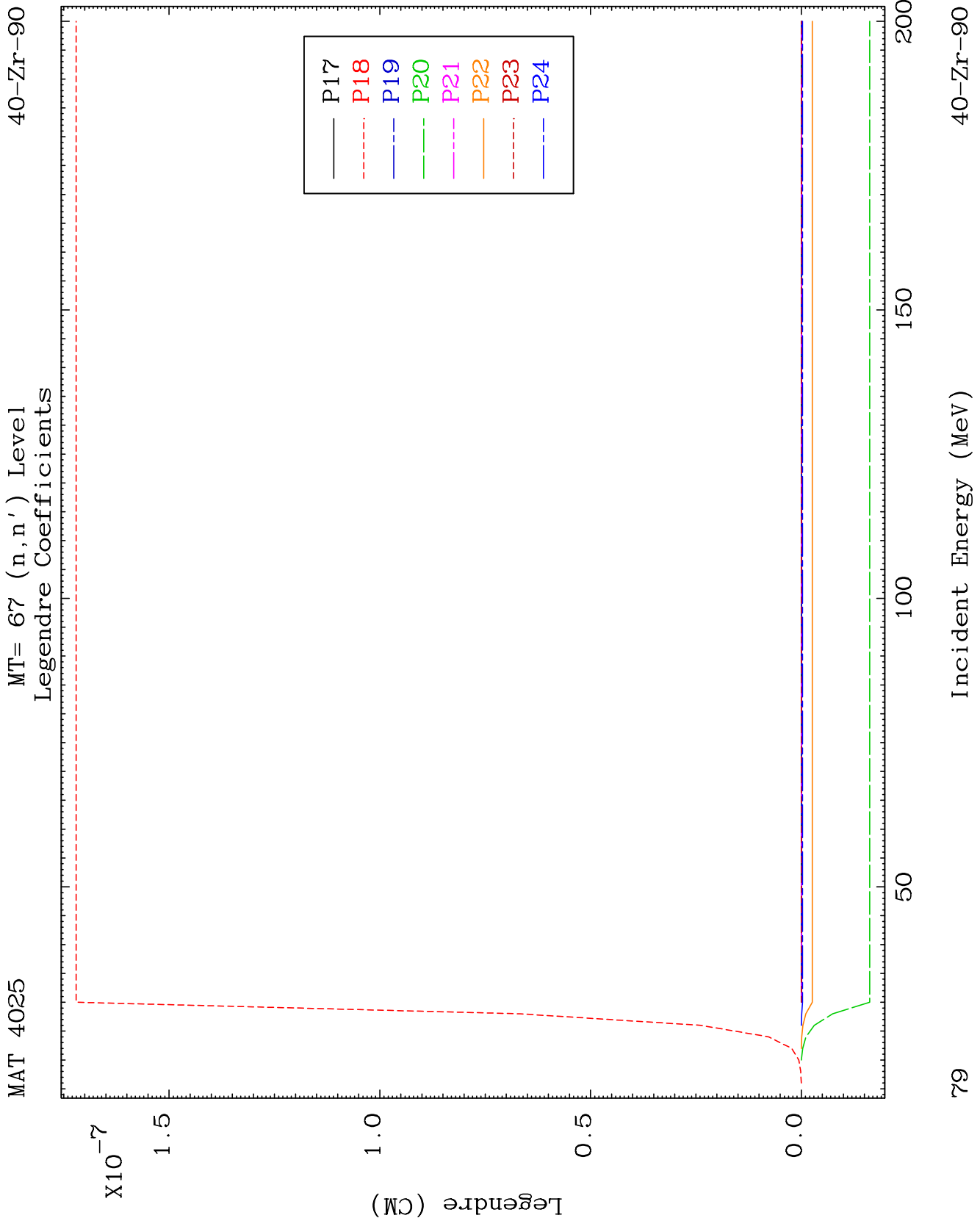
40-Zr-90

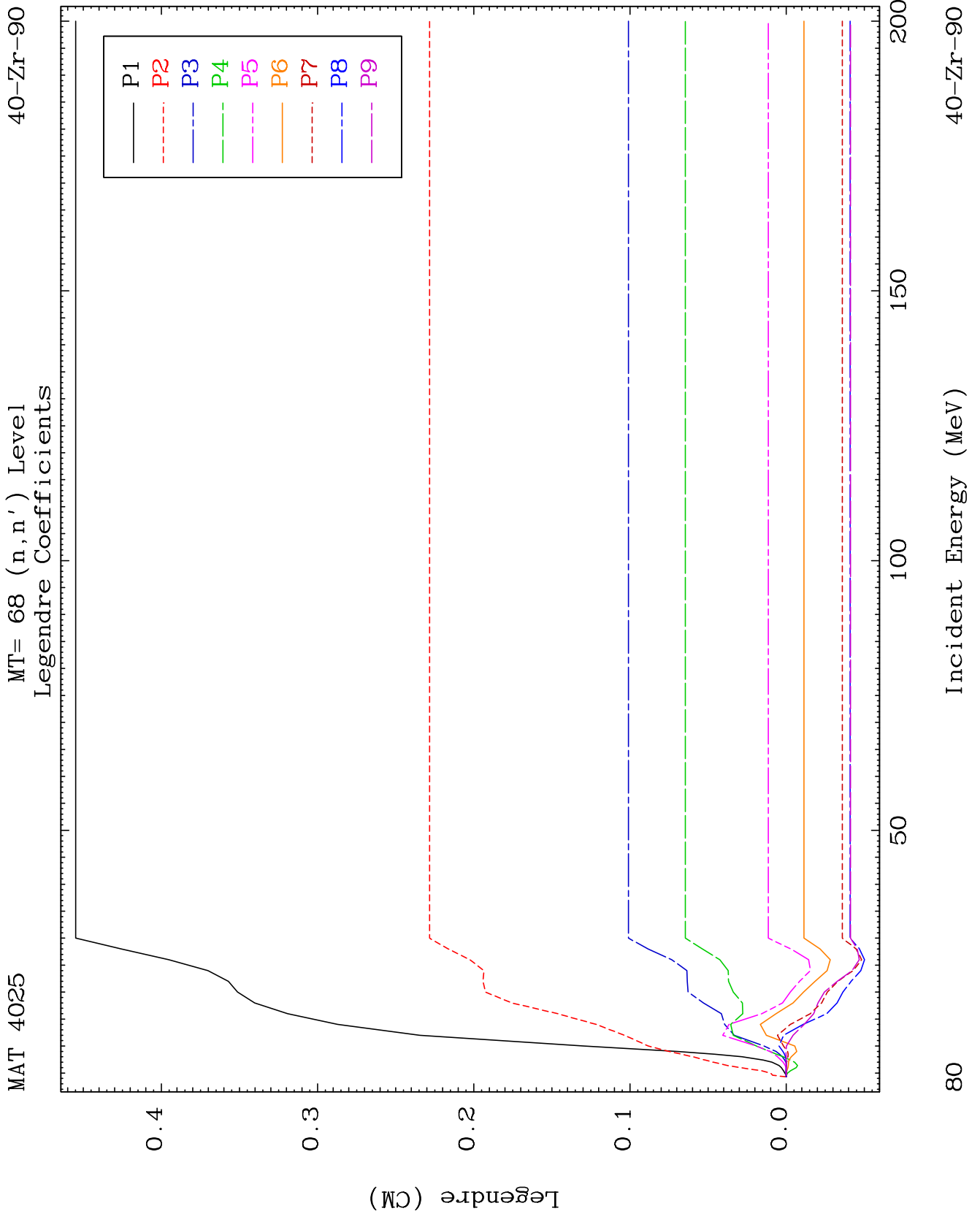


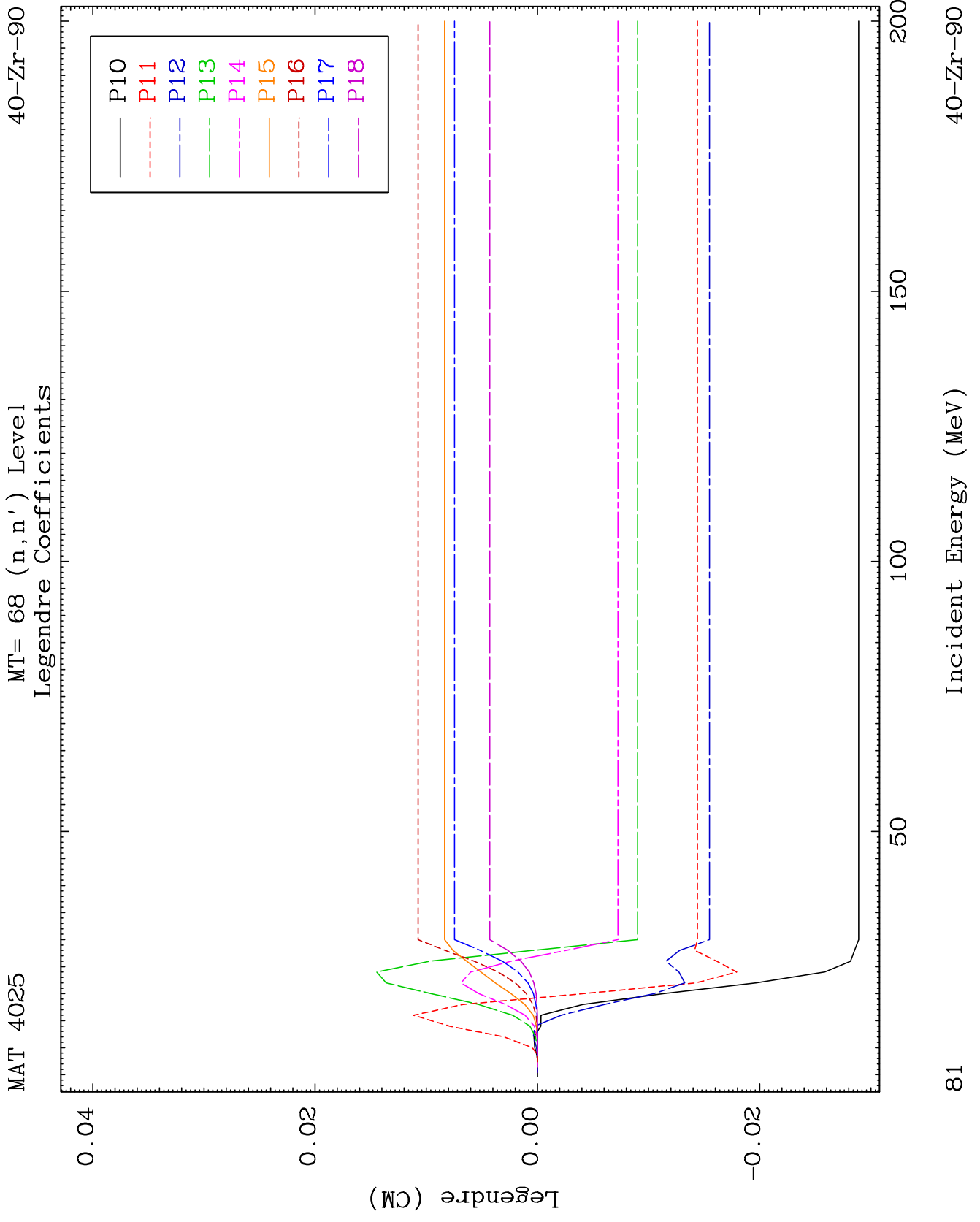
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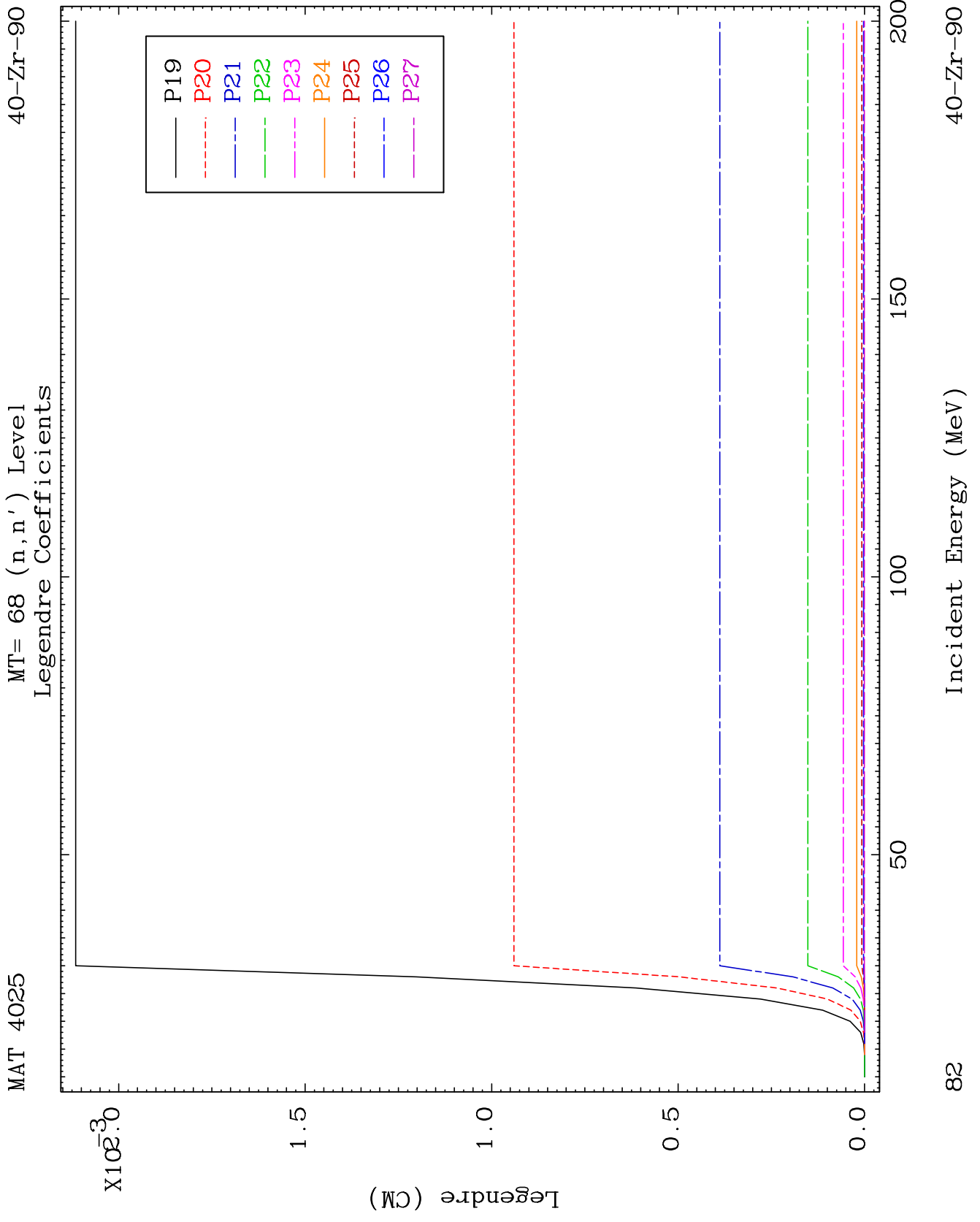
Incident Energy (MeV)

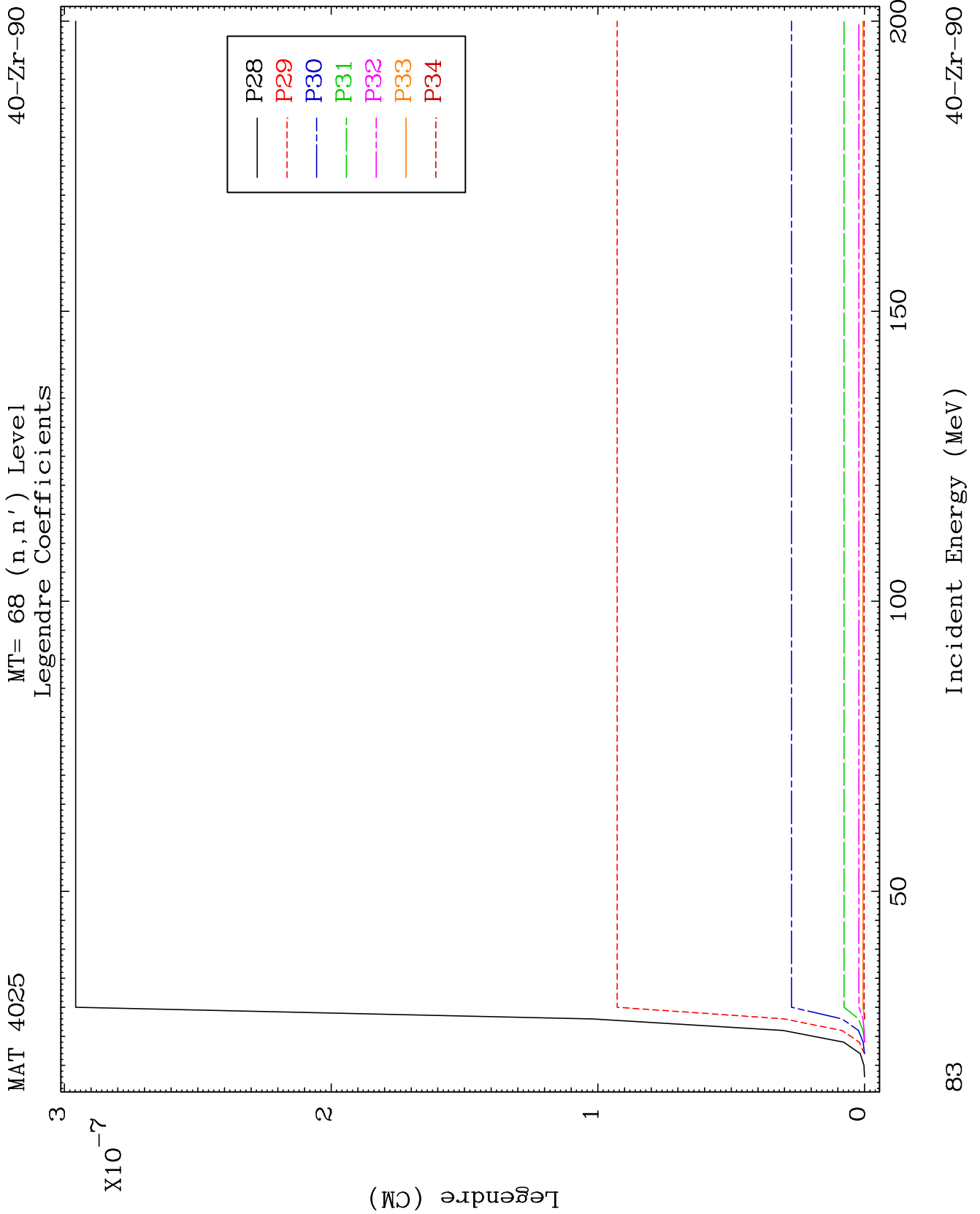
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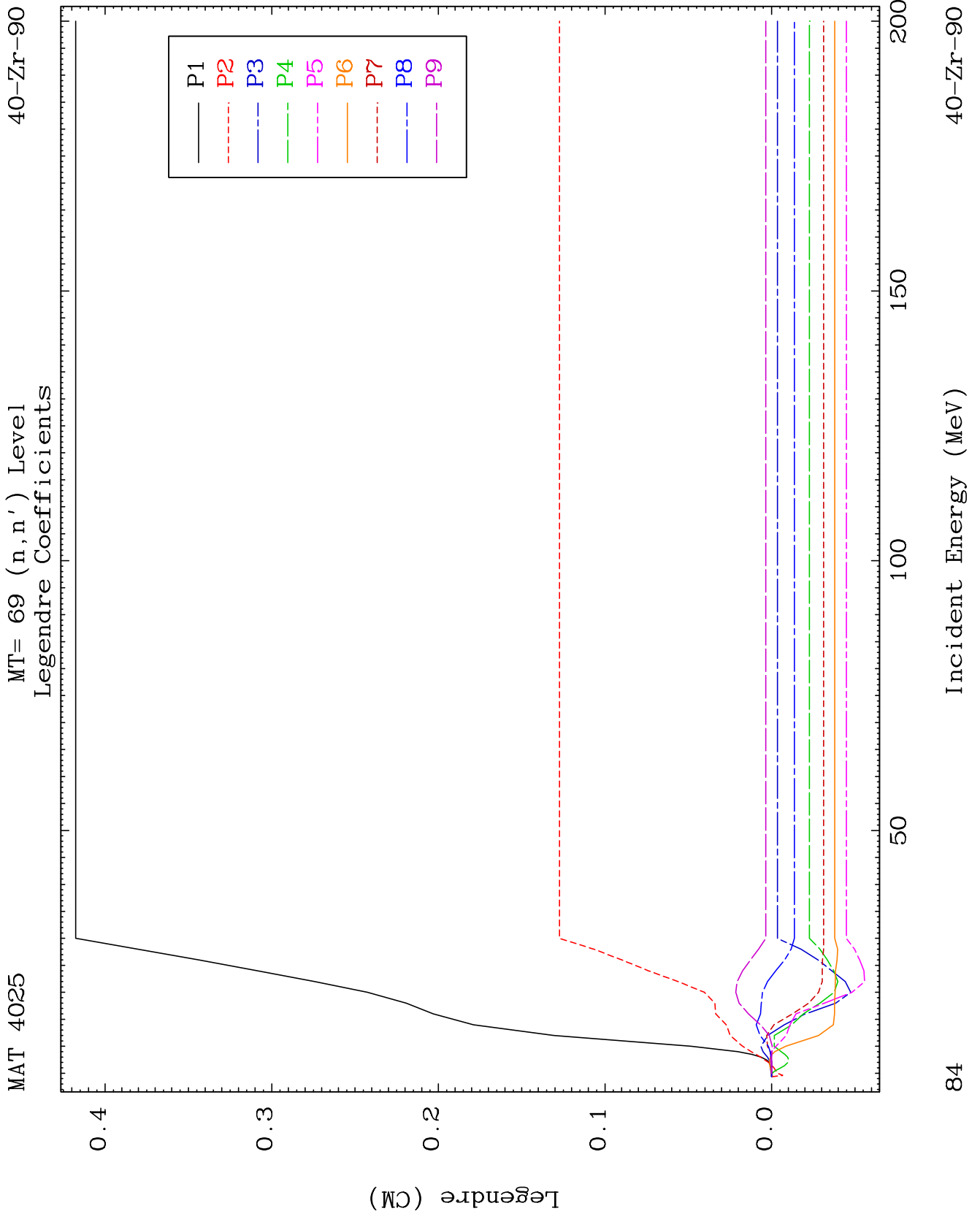


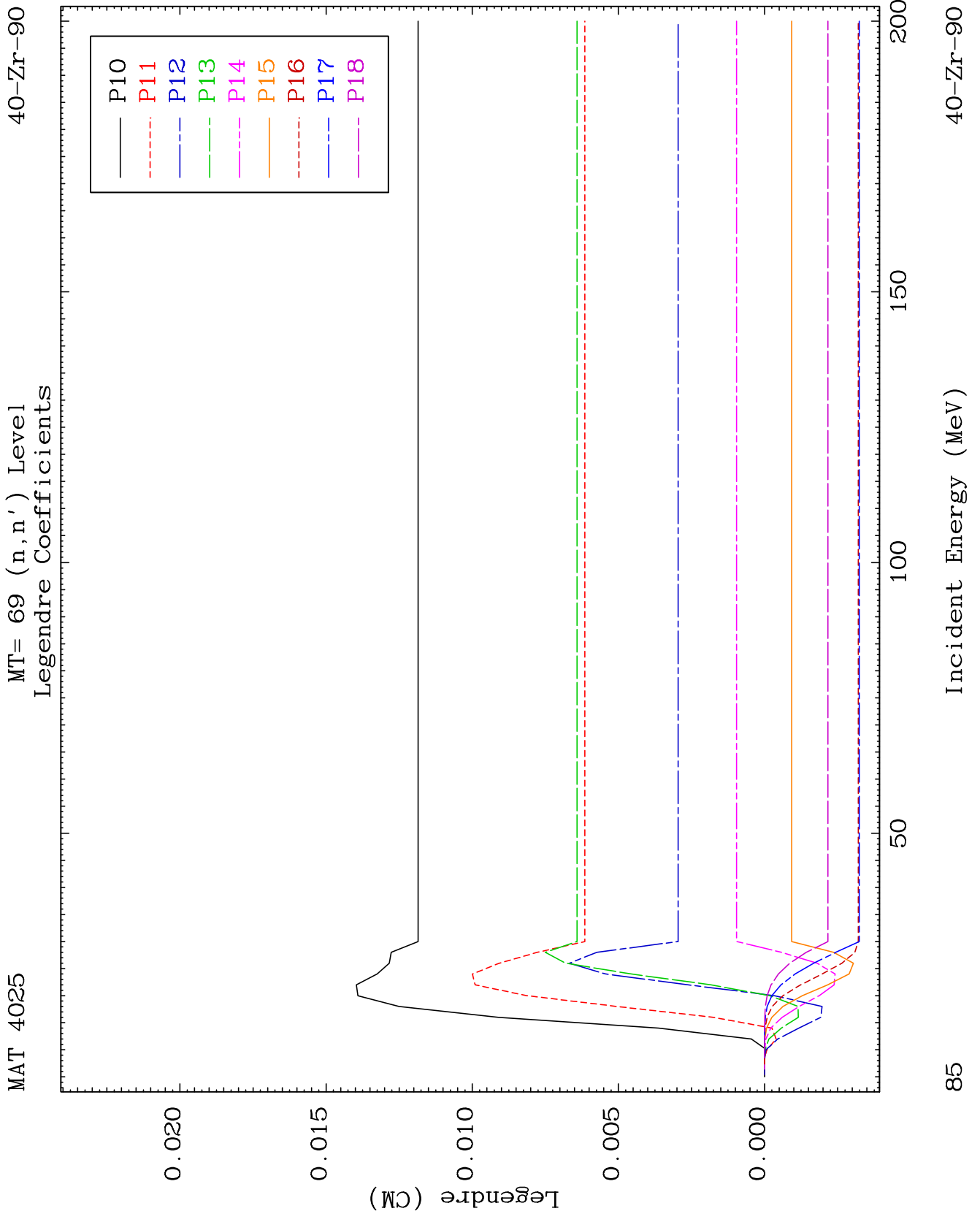


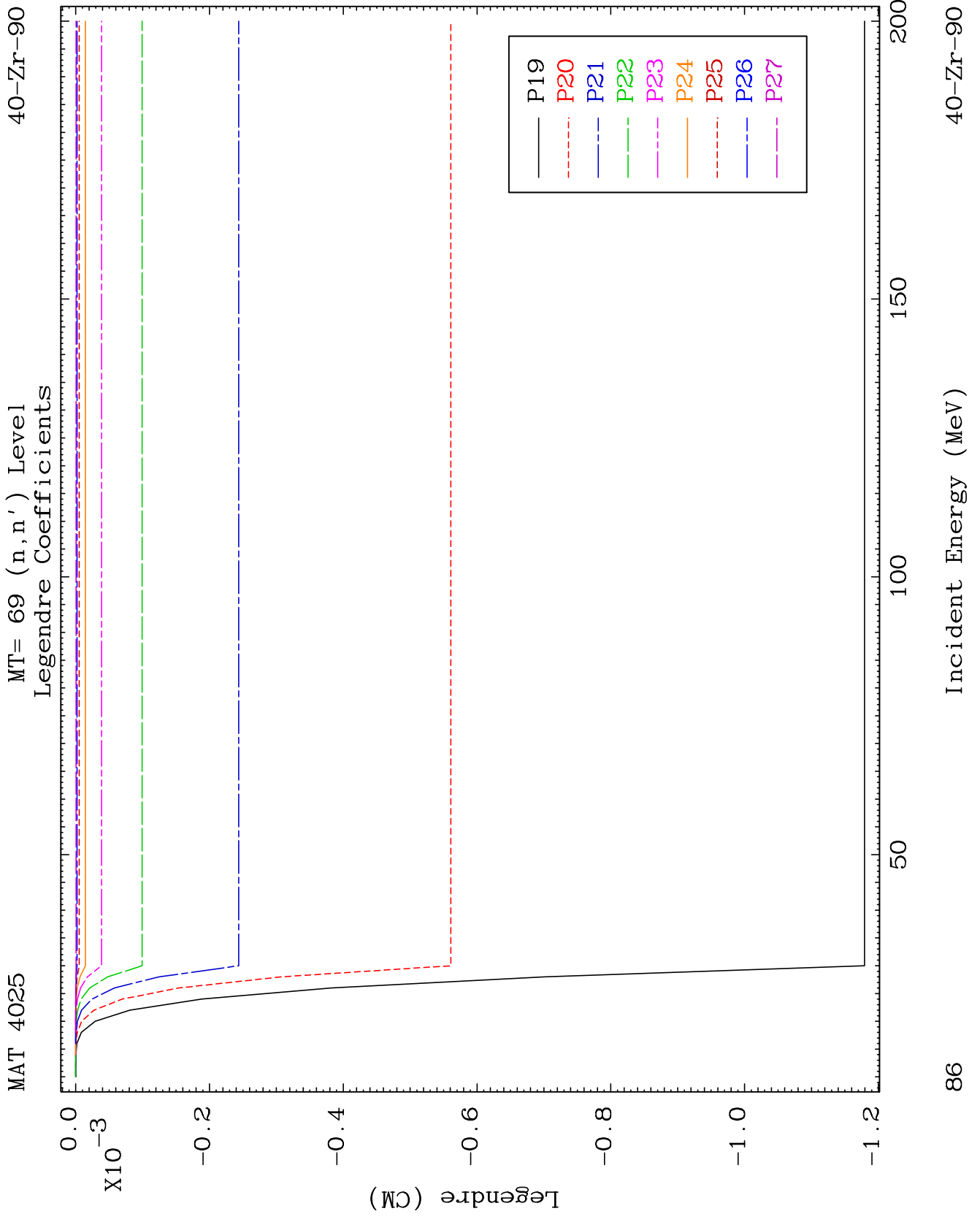








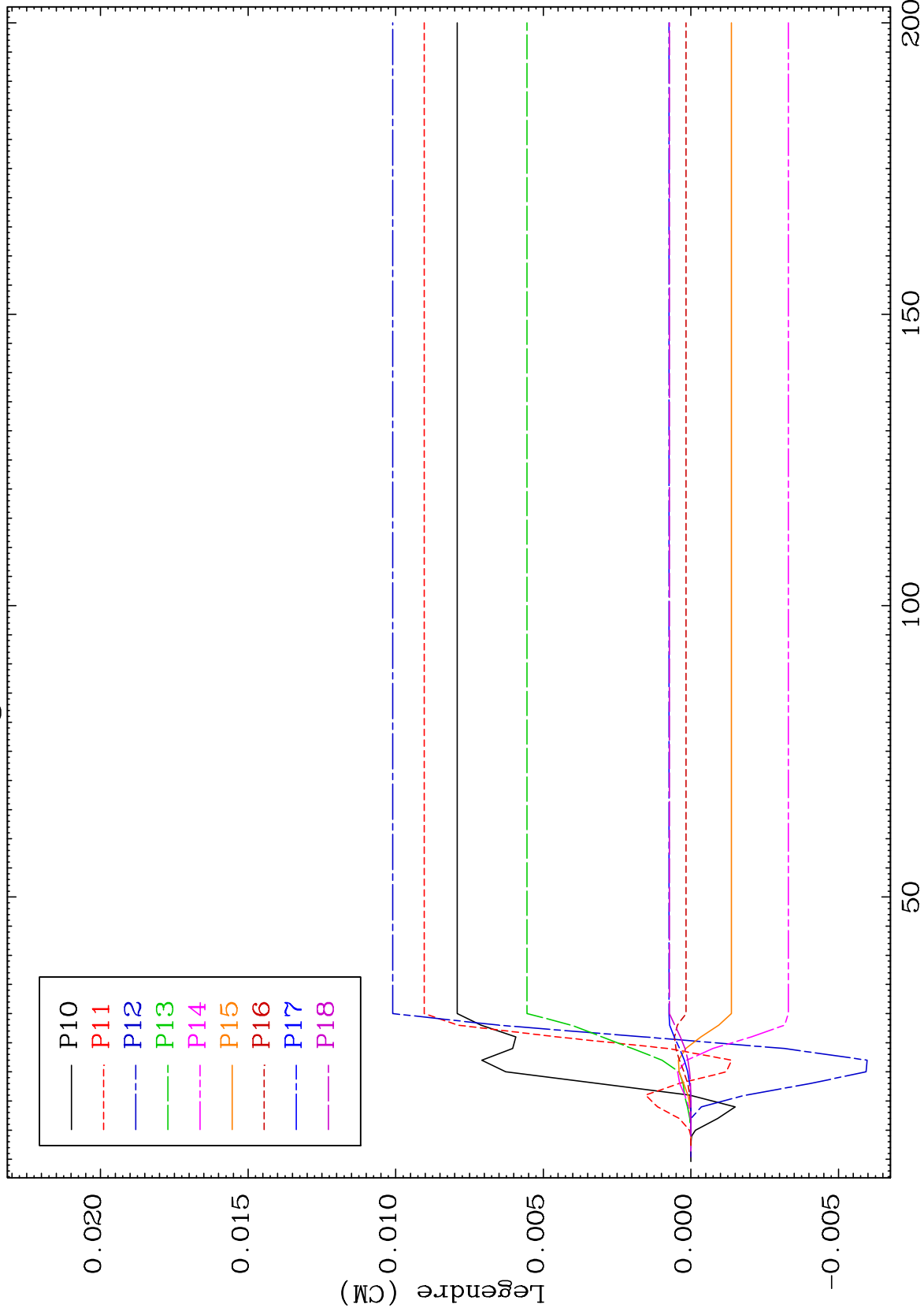


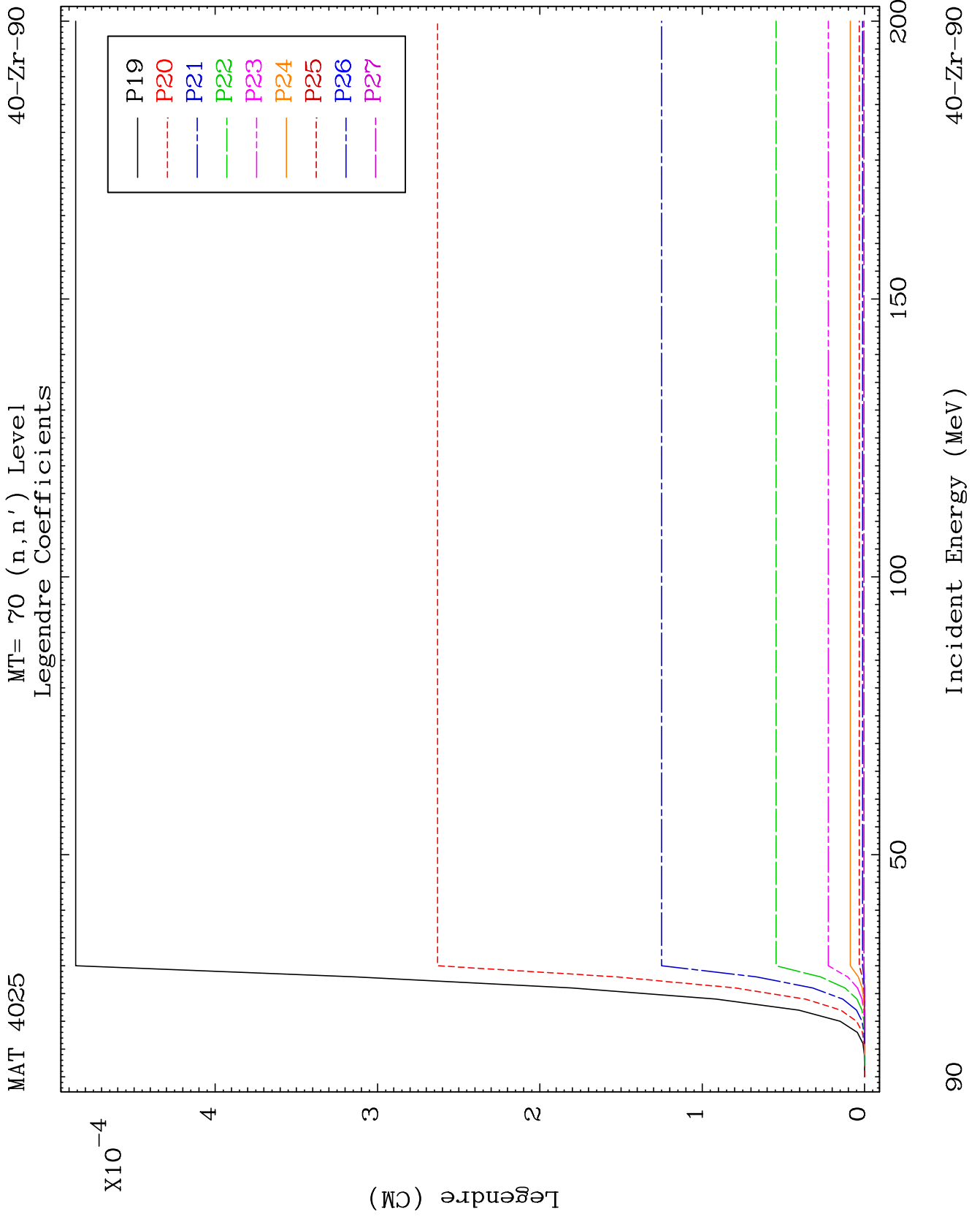


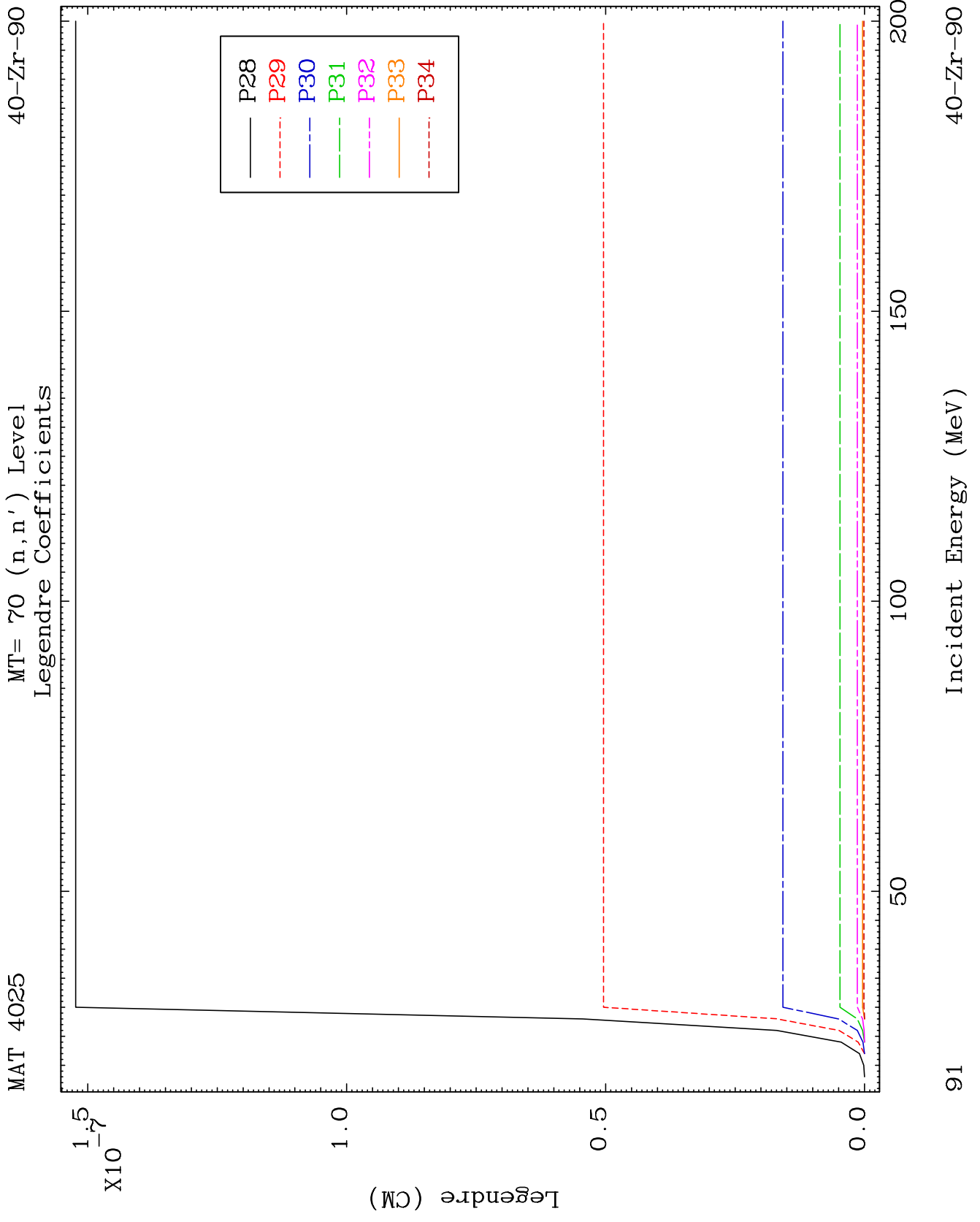
MAT 4025

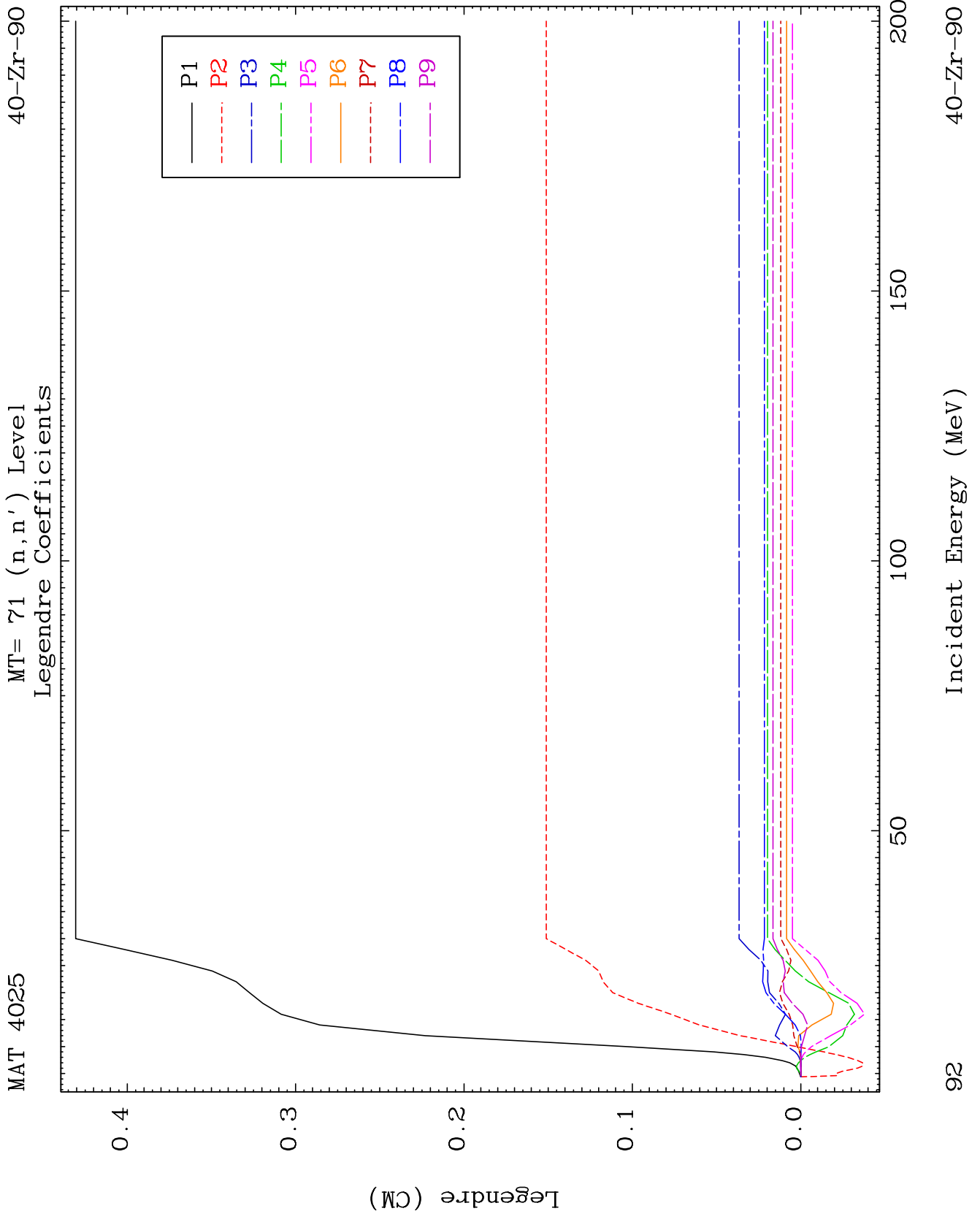
MT= 70 (n,n') Level
Legendre Coefficients

40-Zr-90





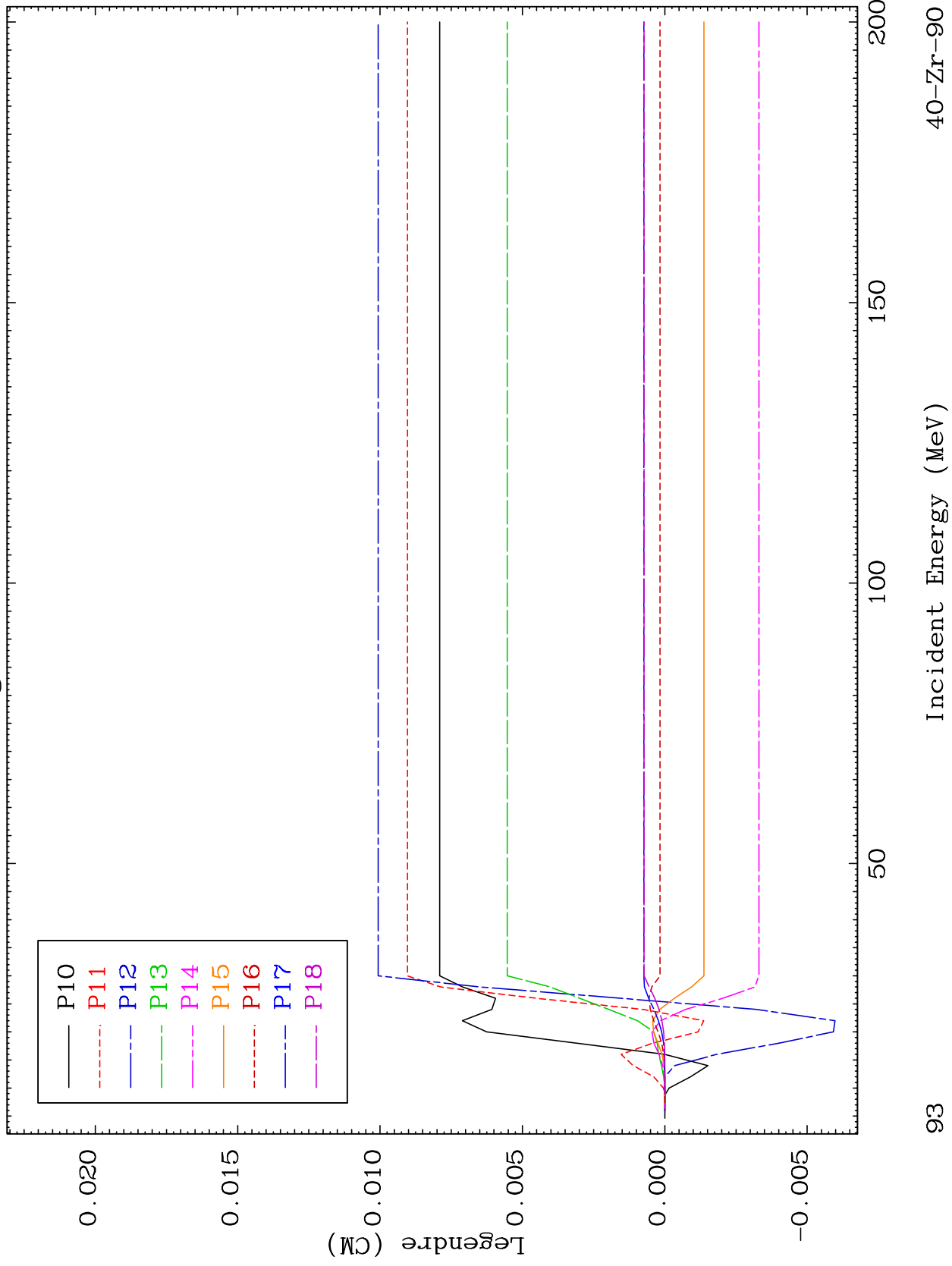


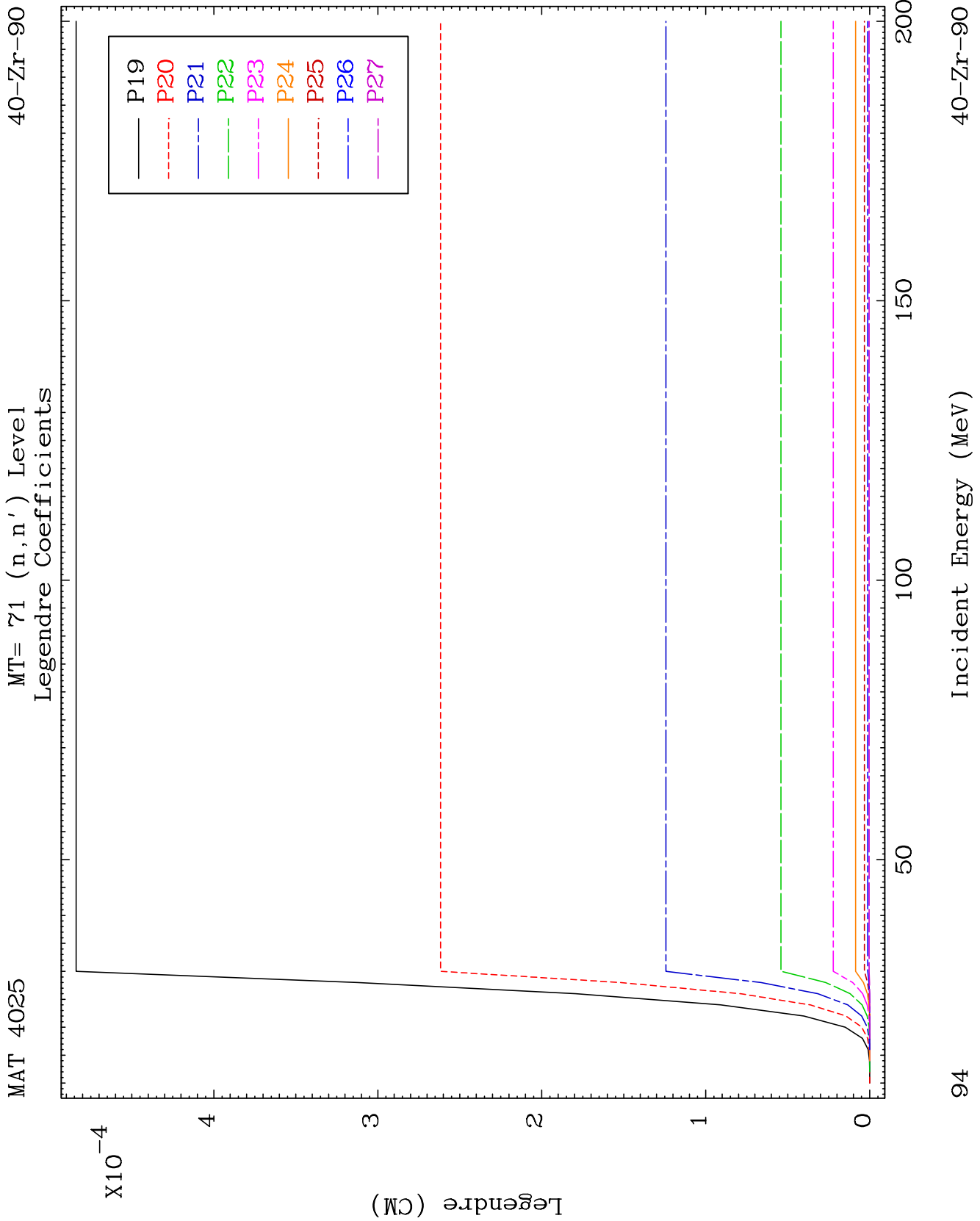


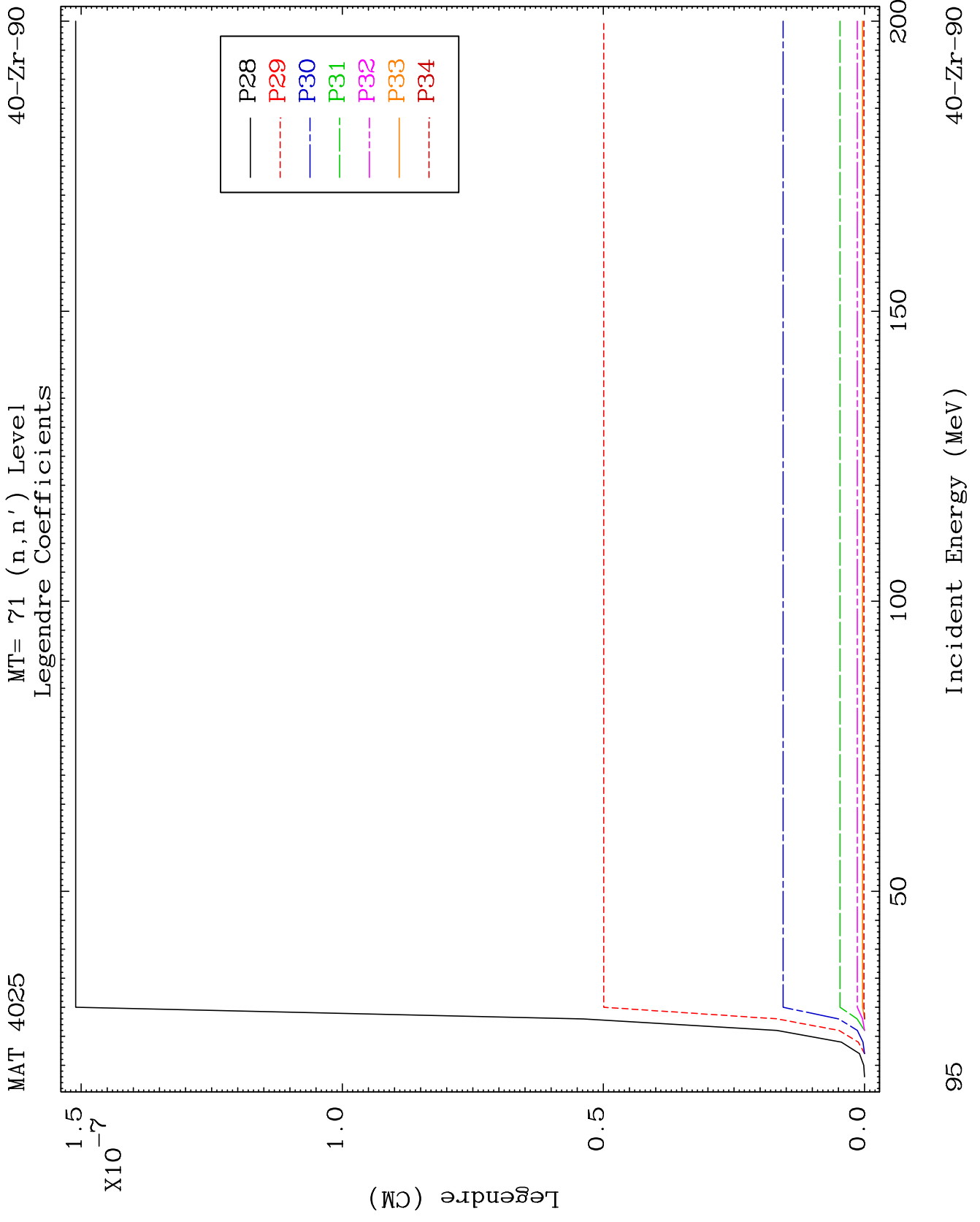
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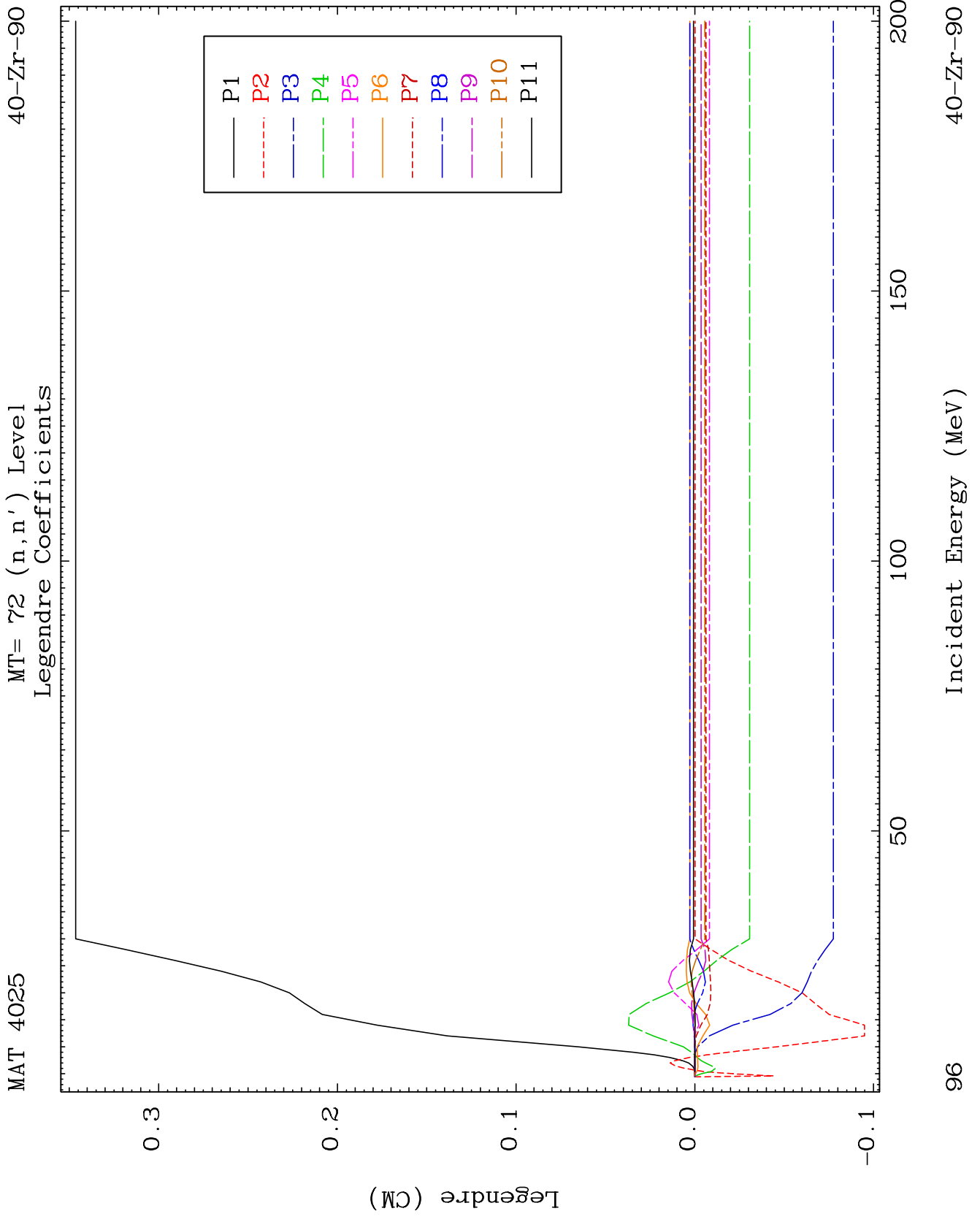
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Legendre Coefficients

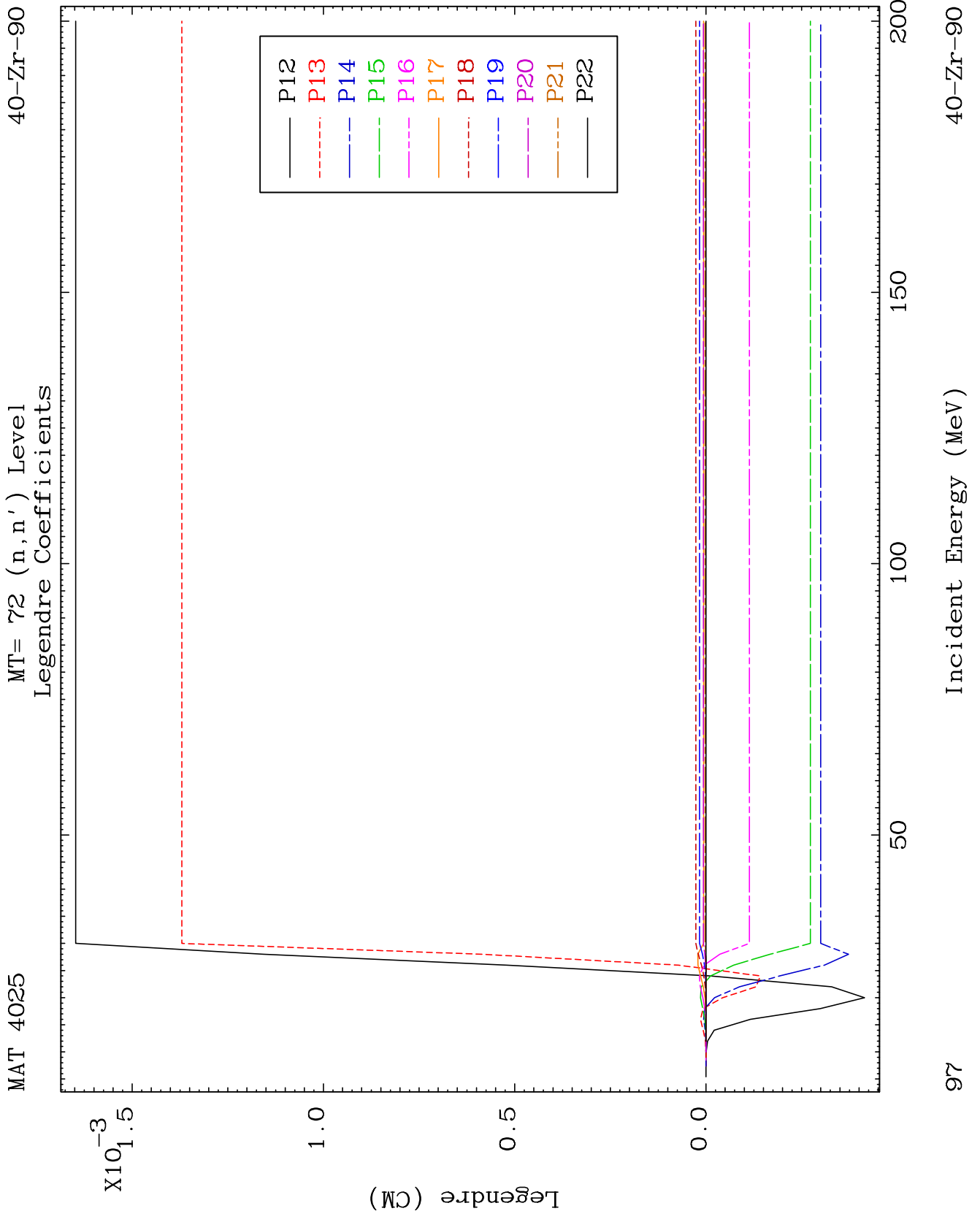
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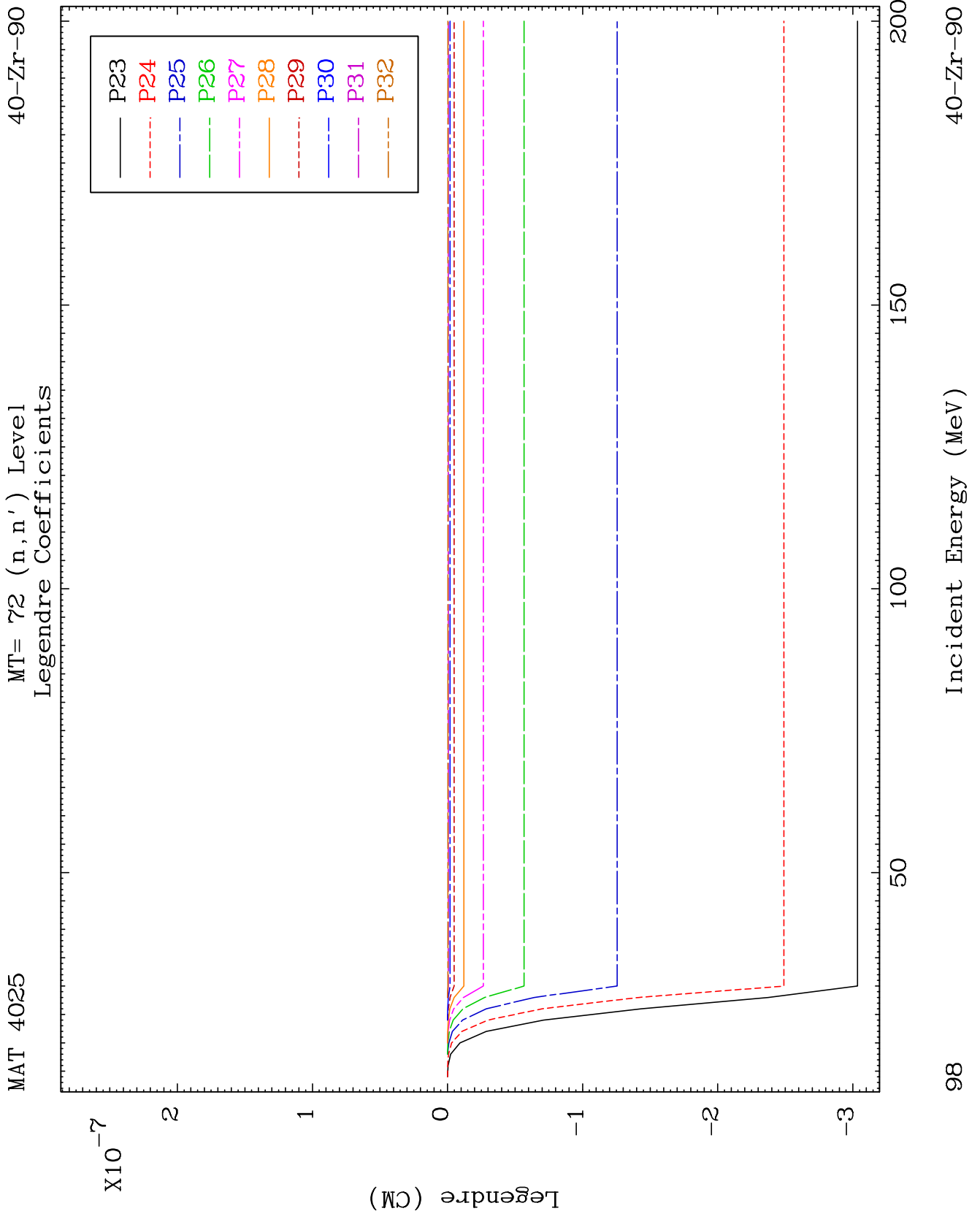


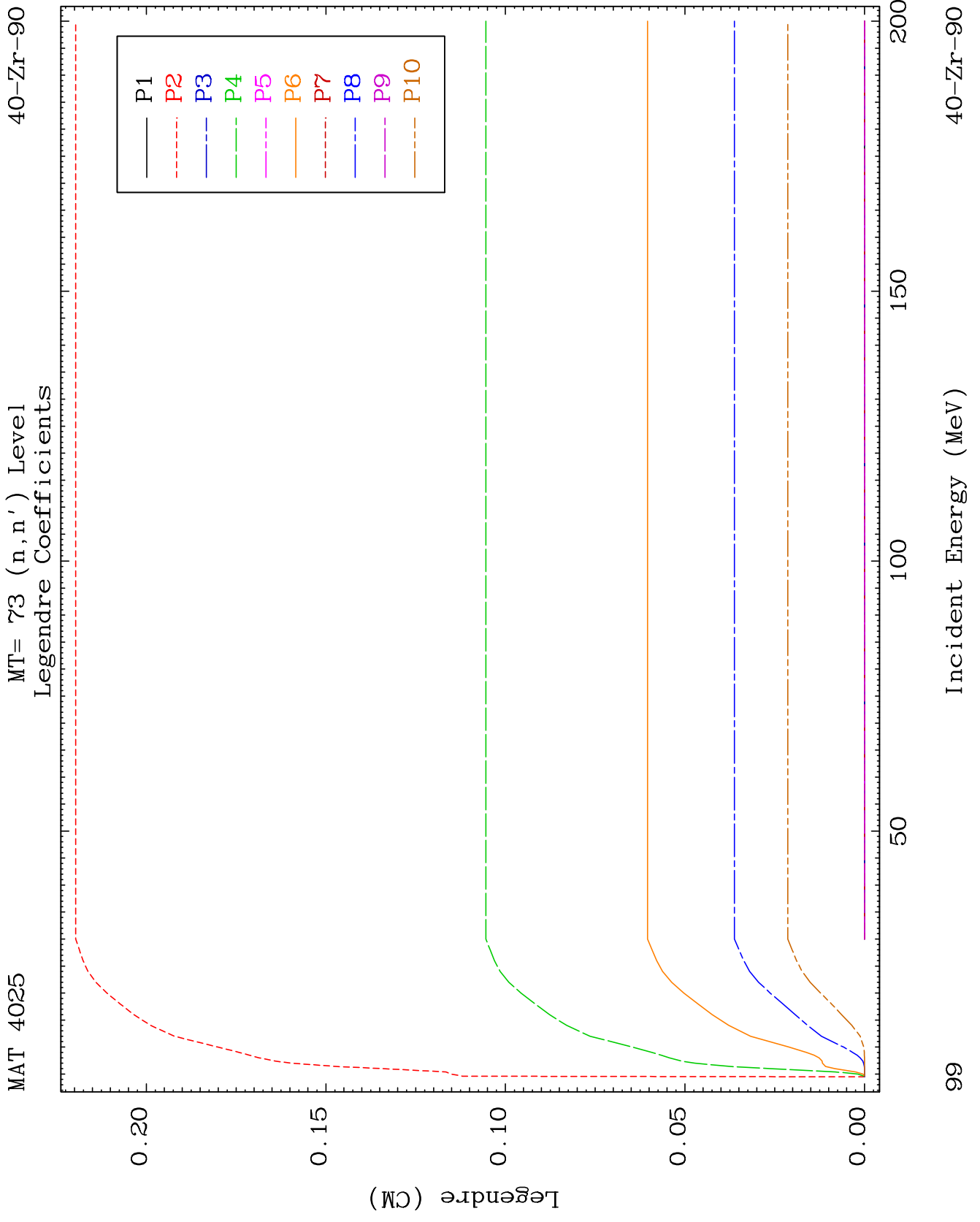


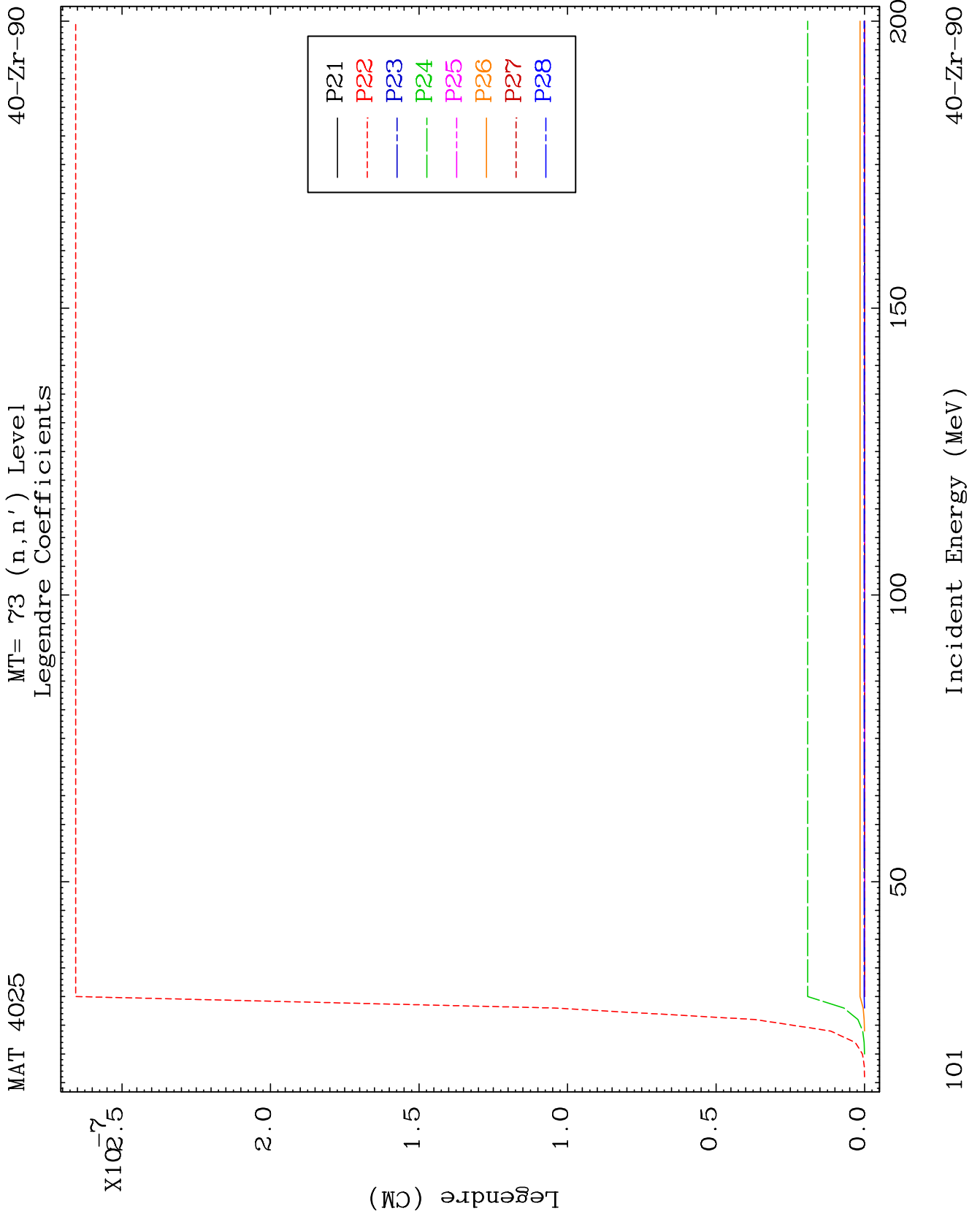


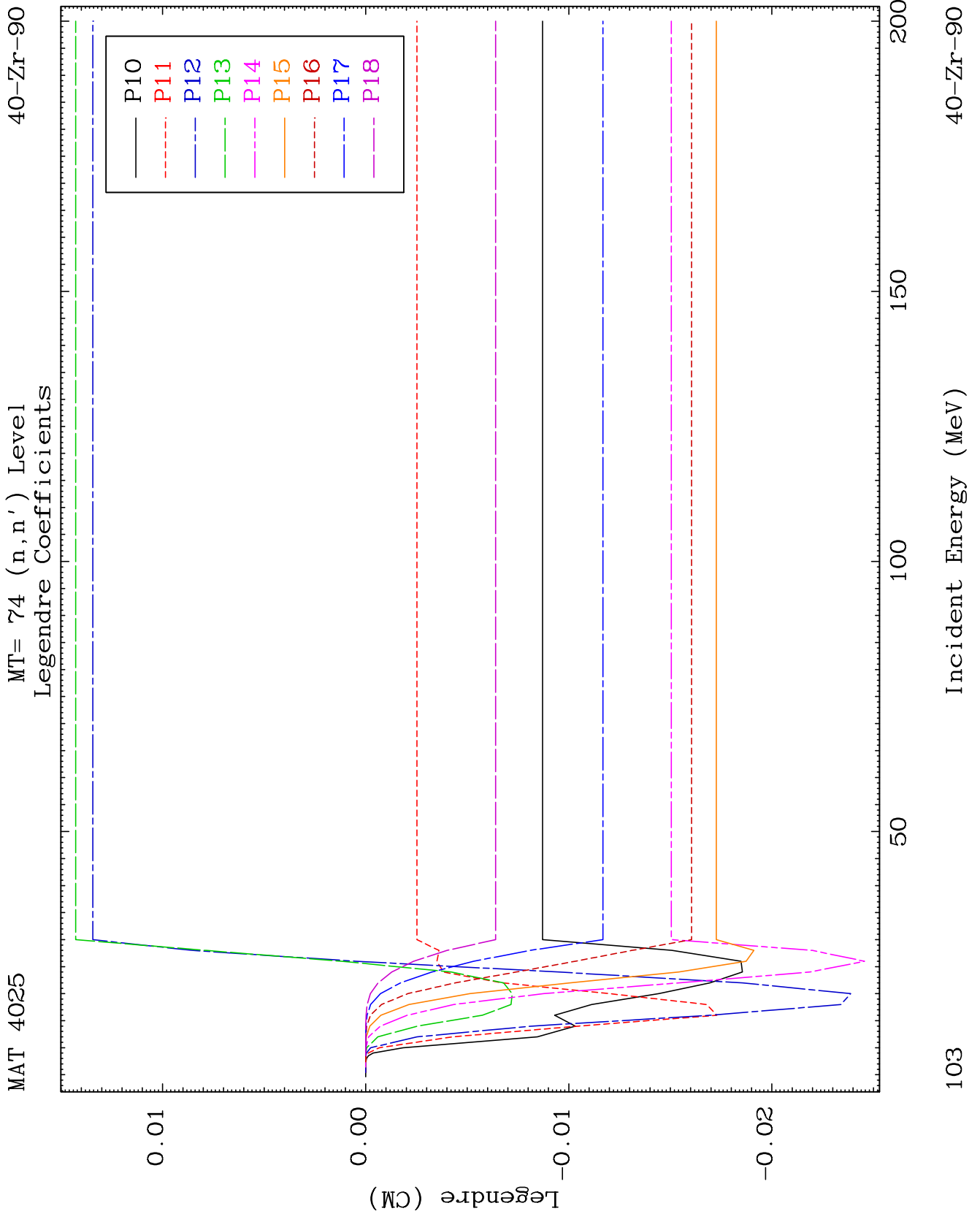


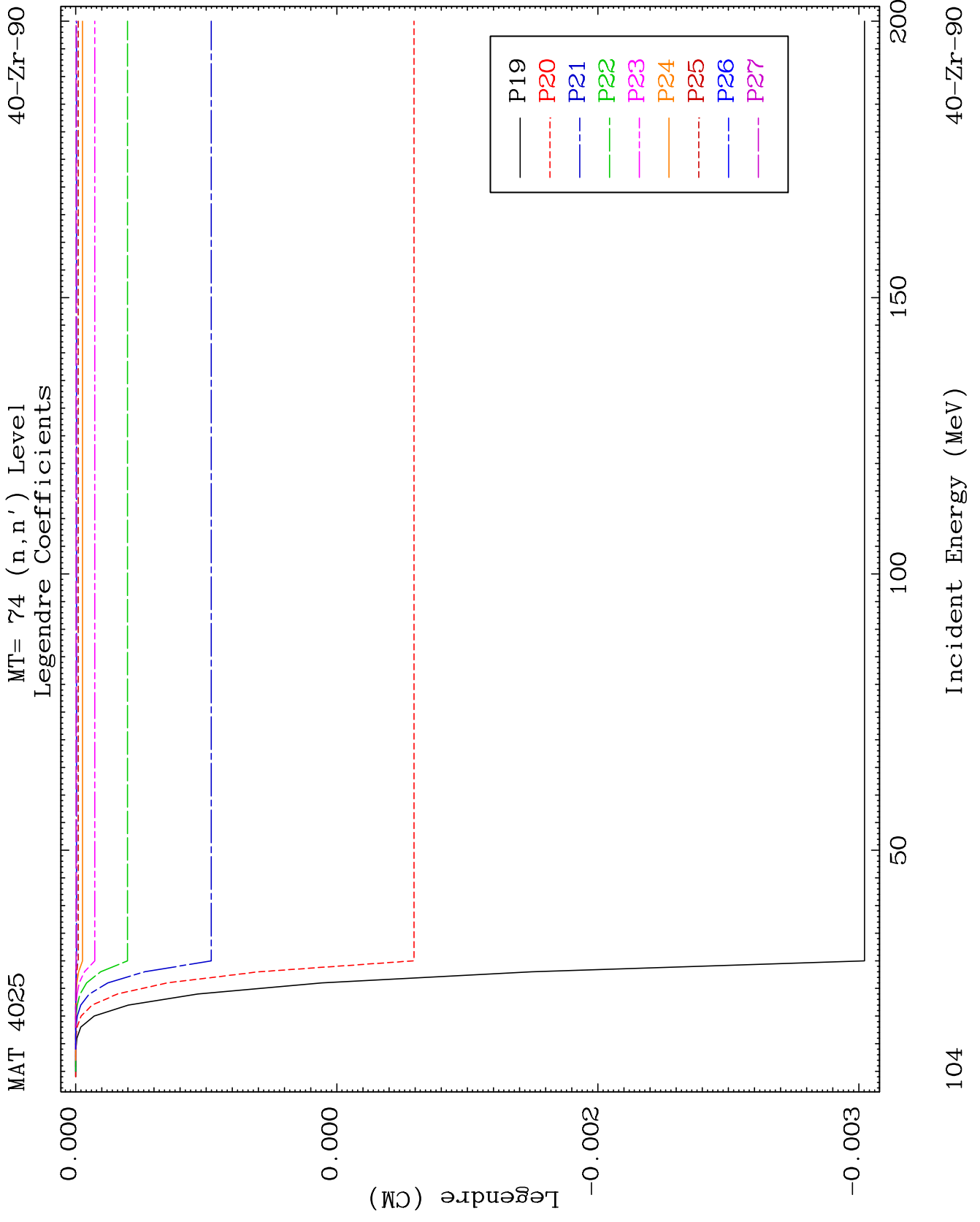


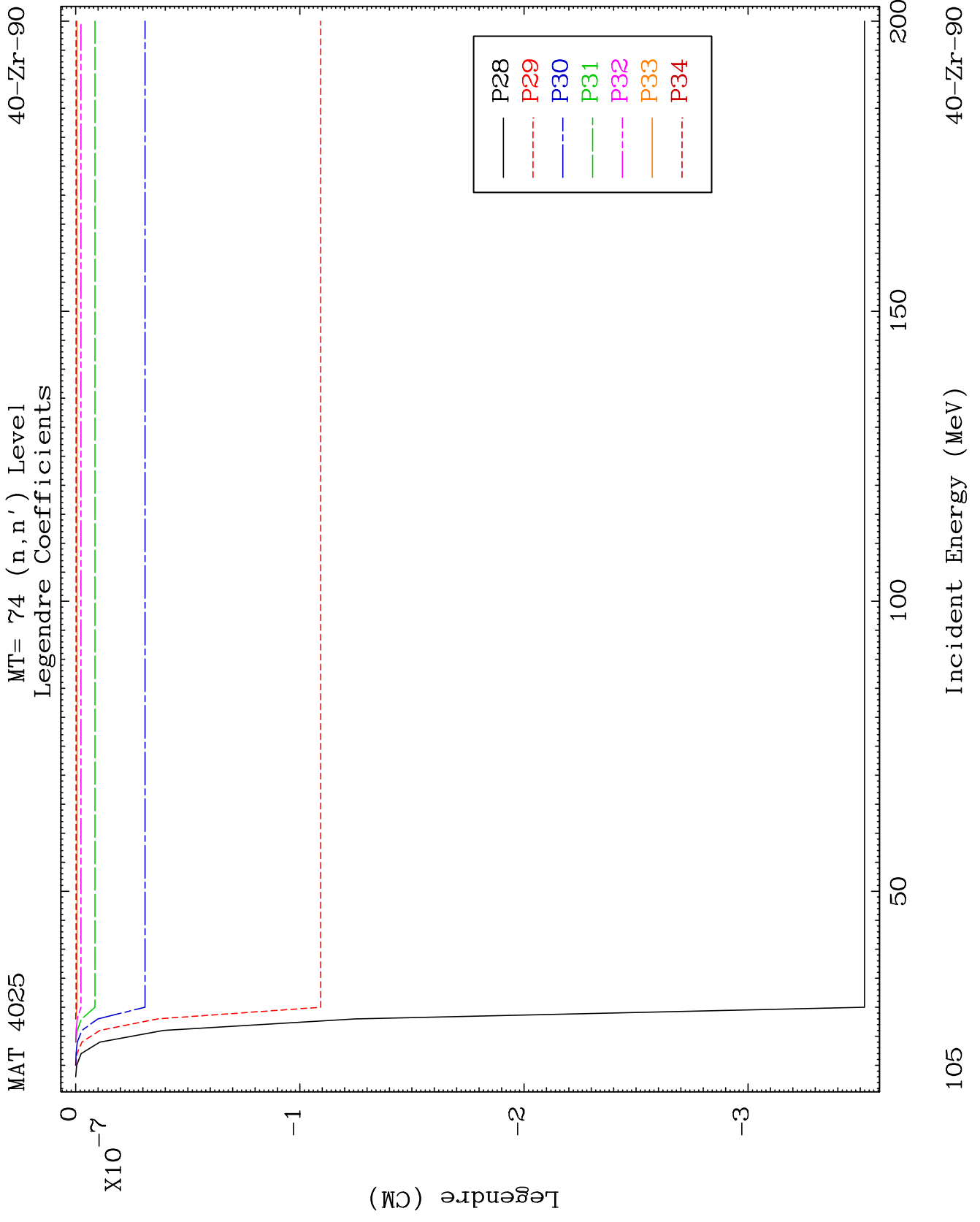


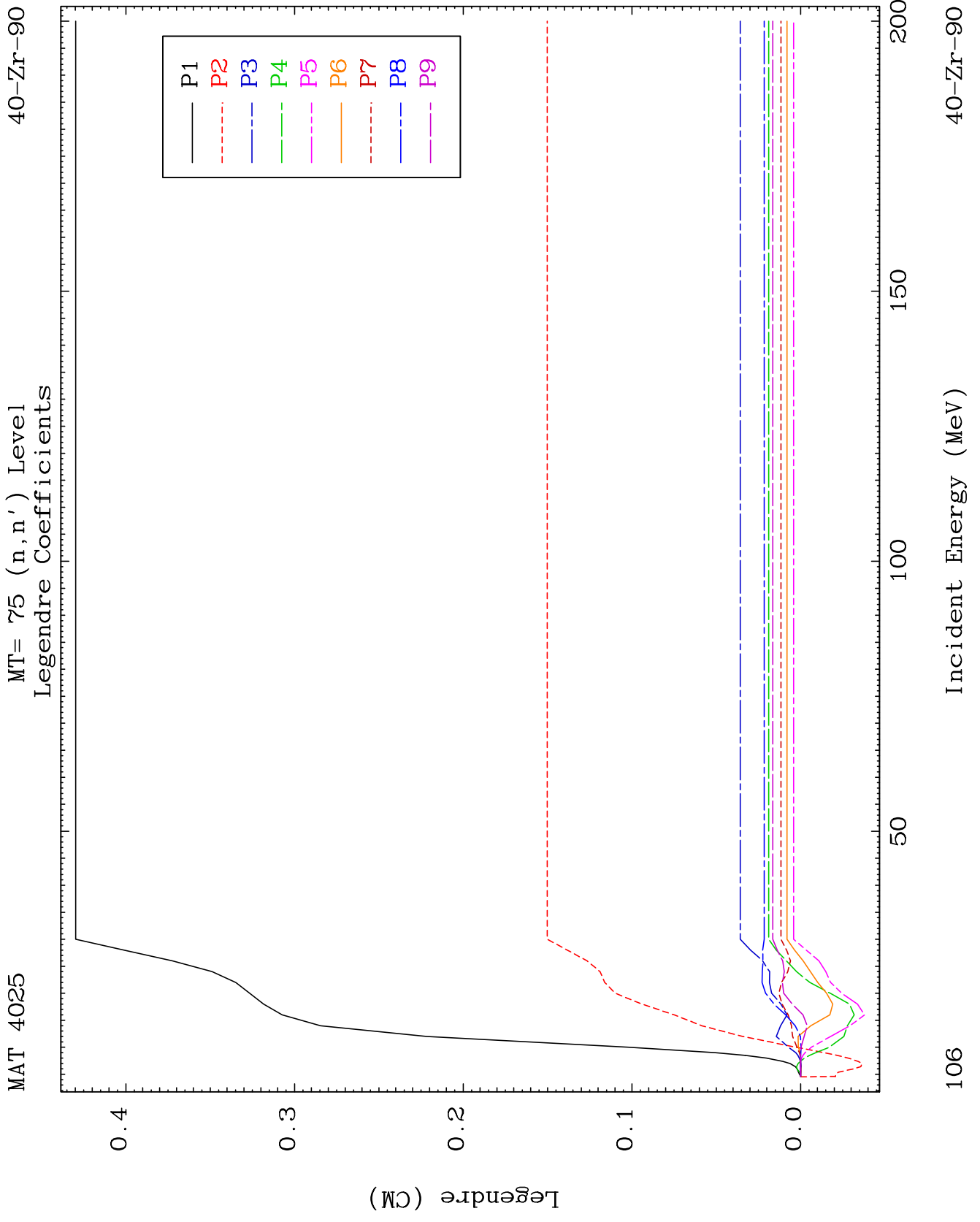


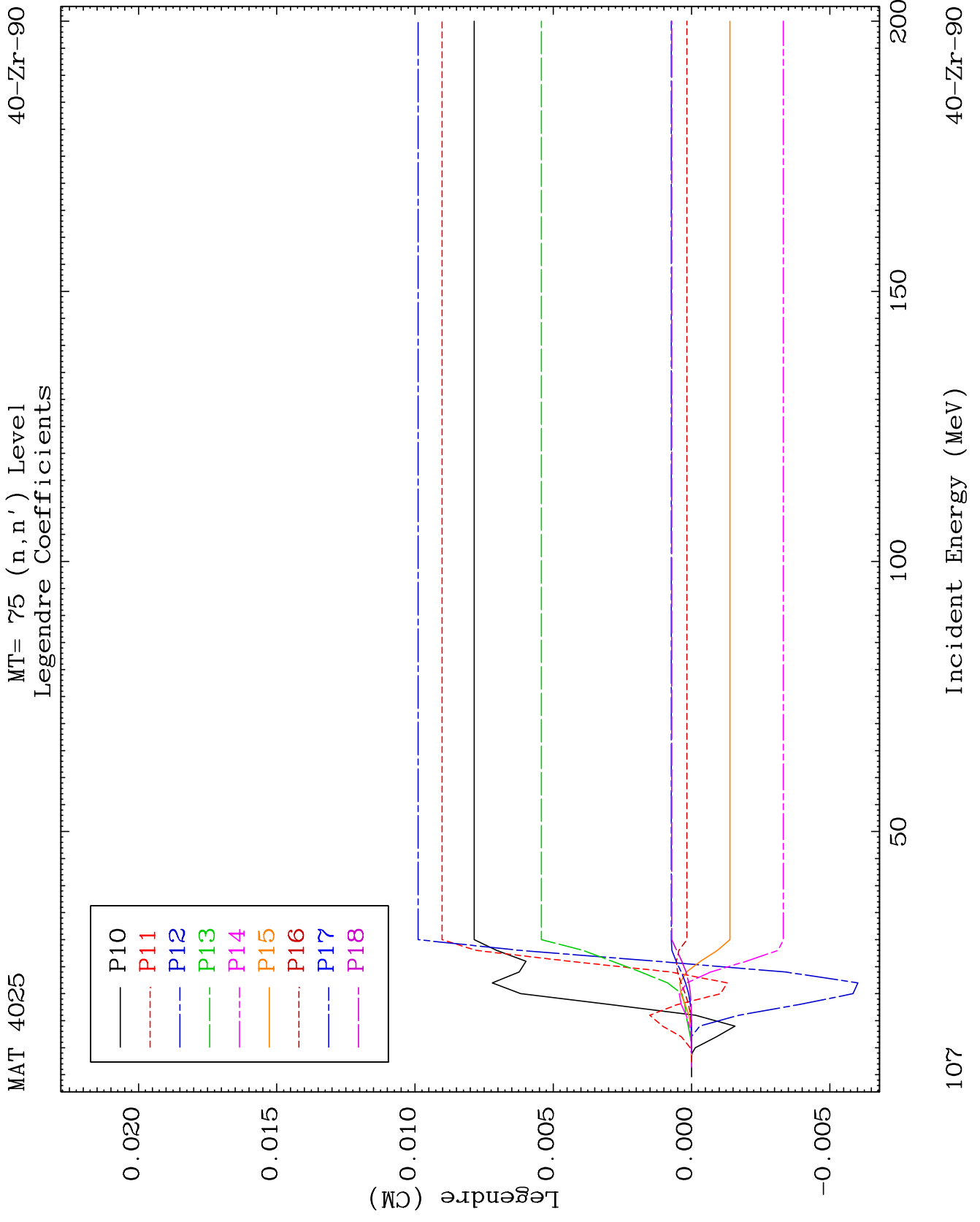


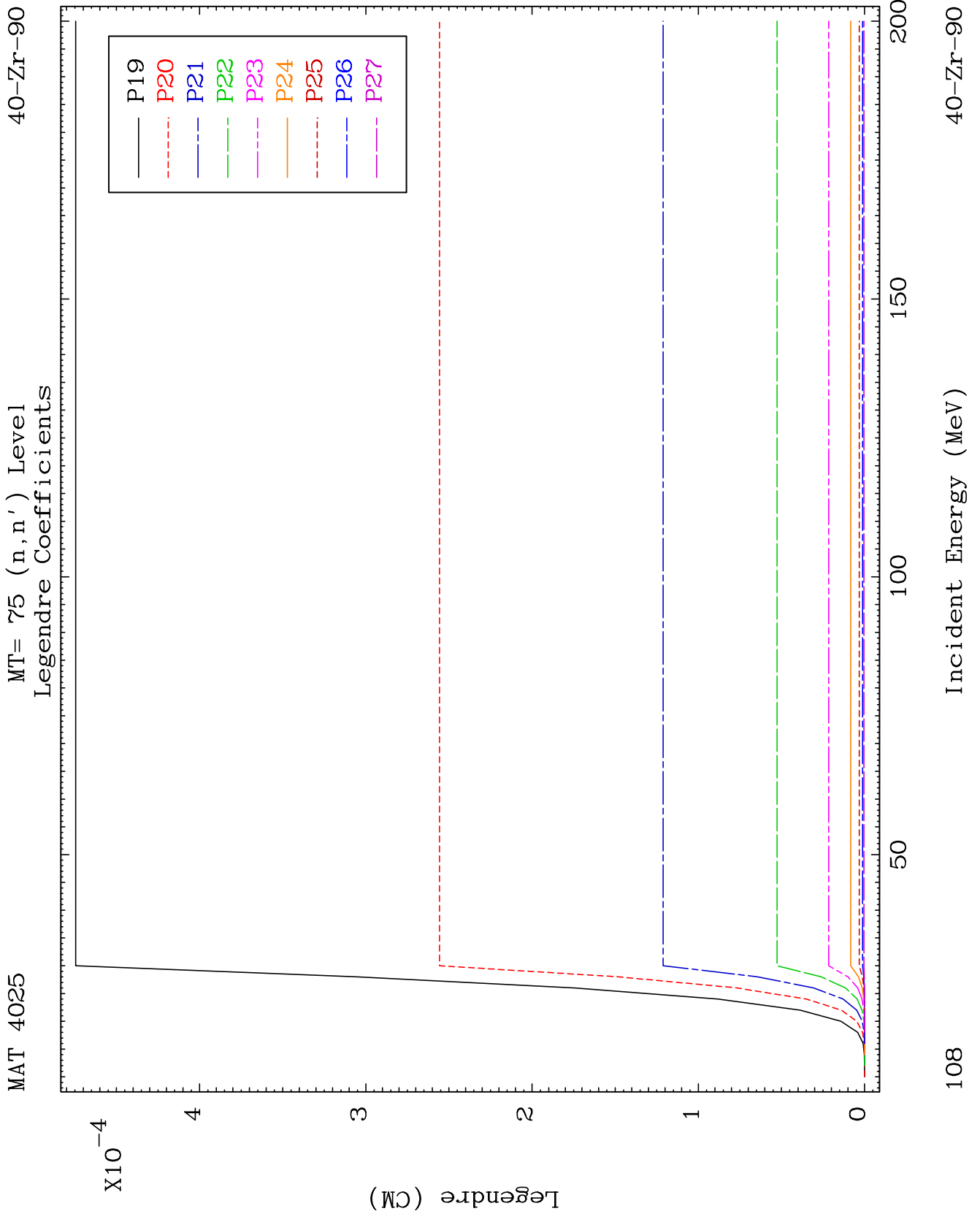


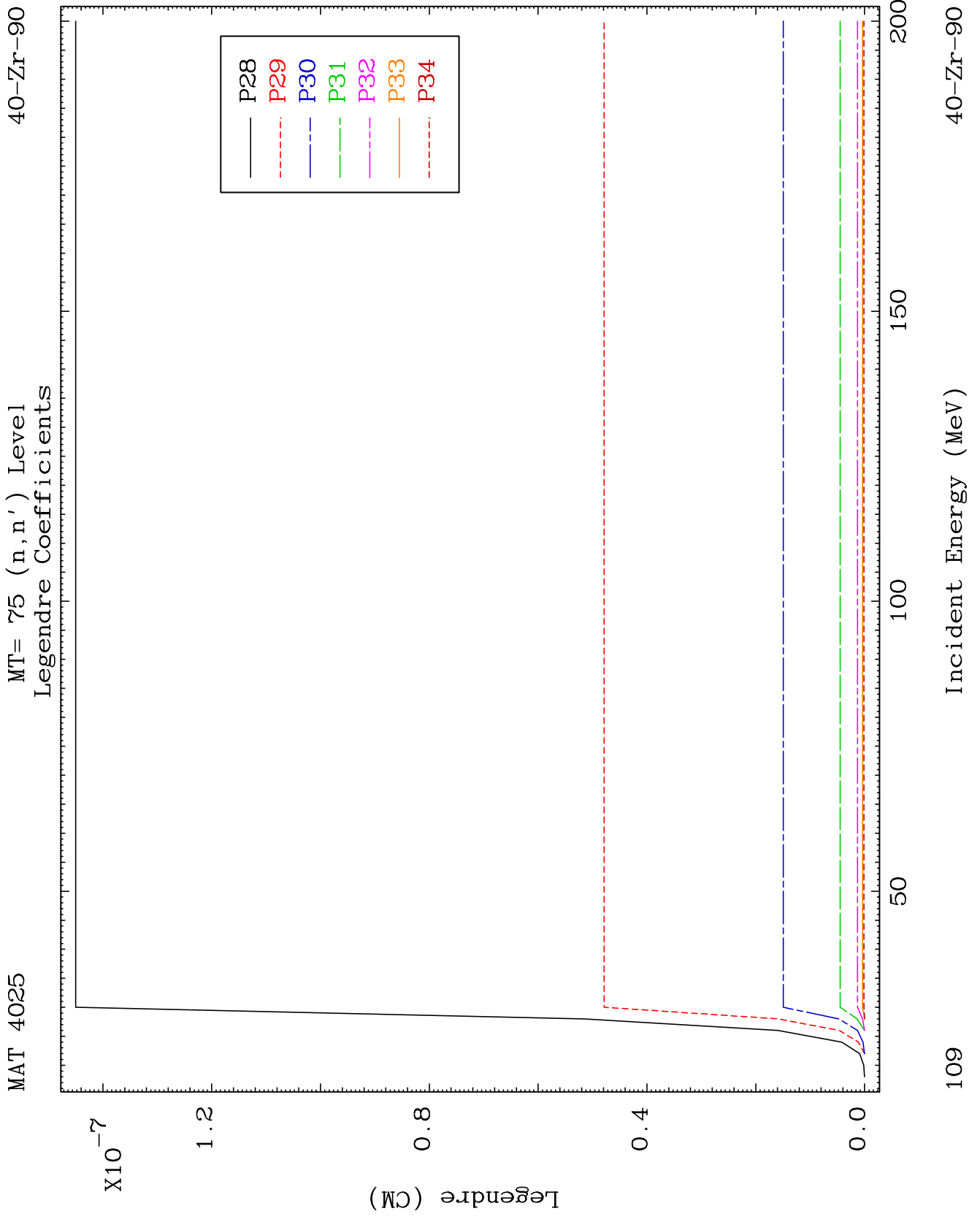


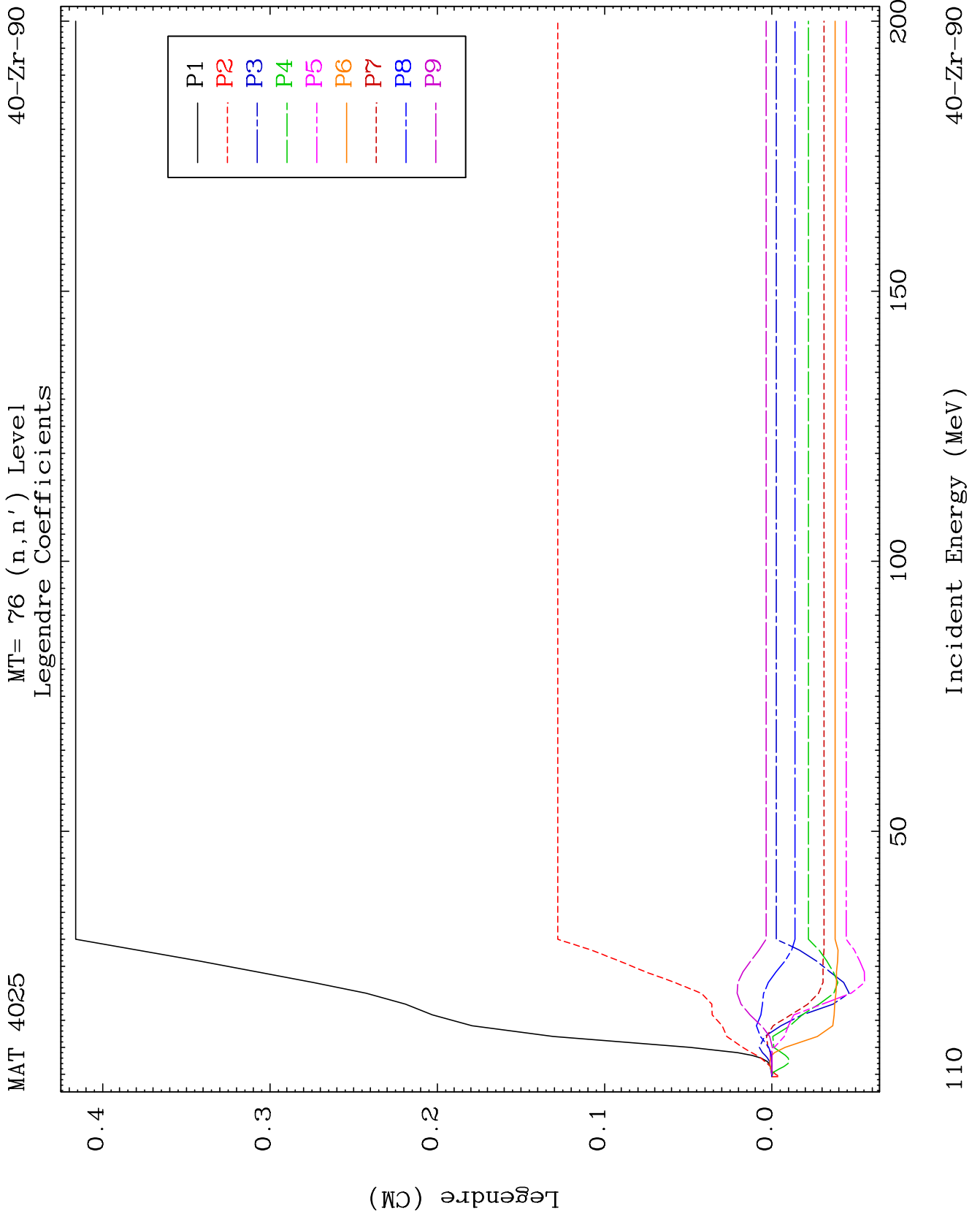


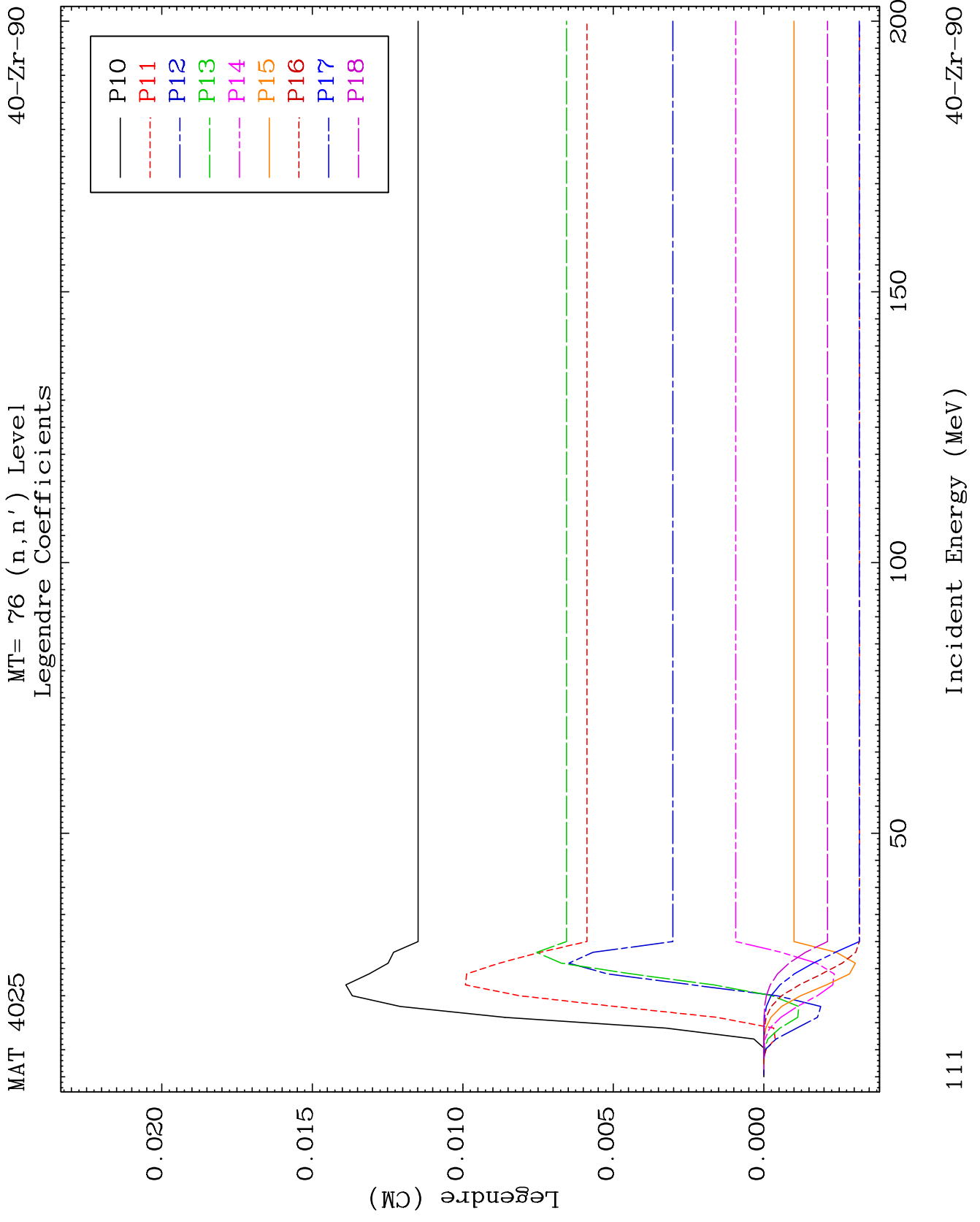


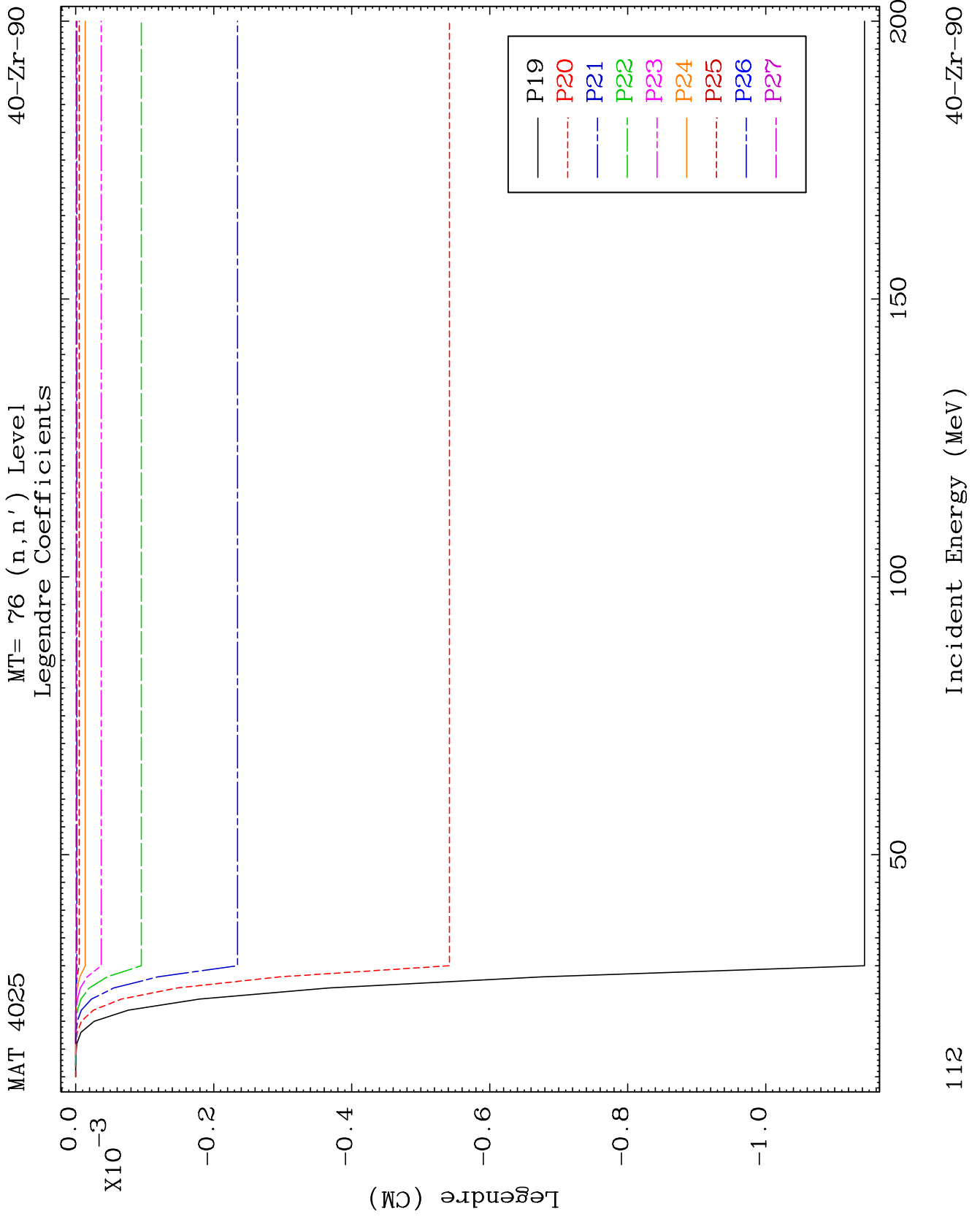


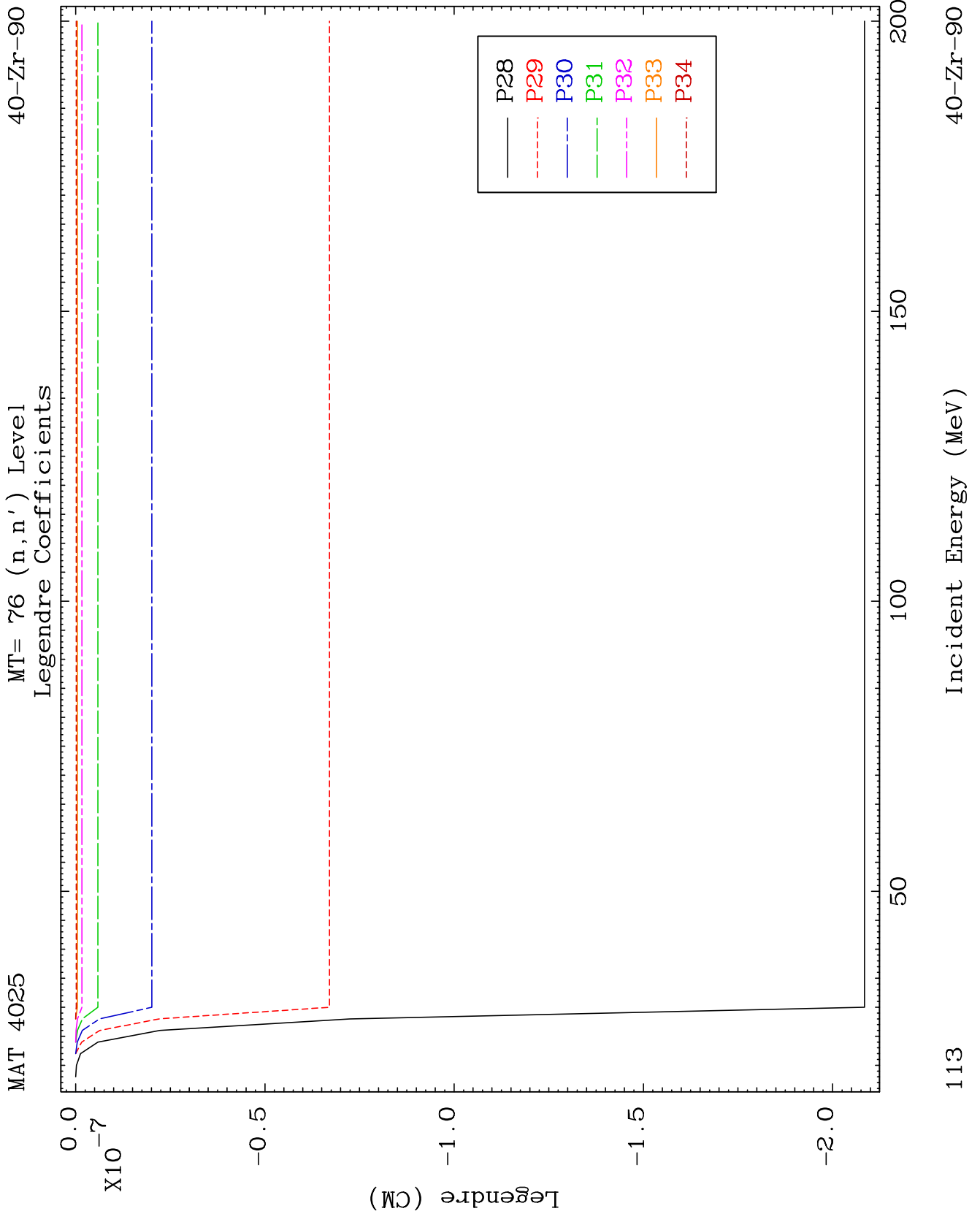


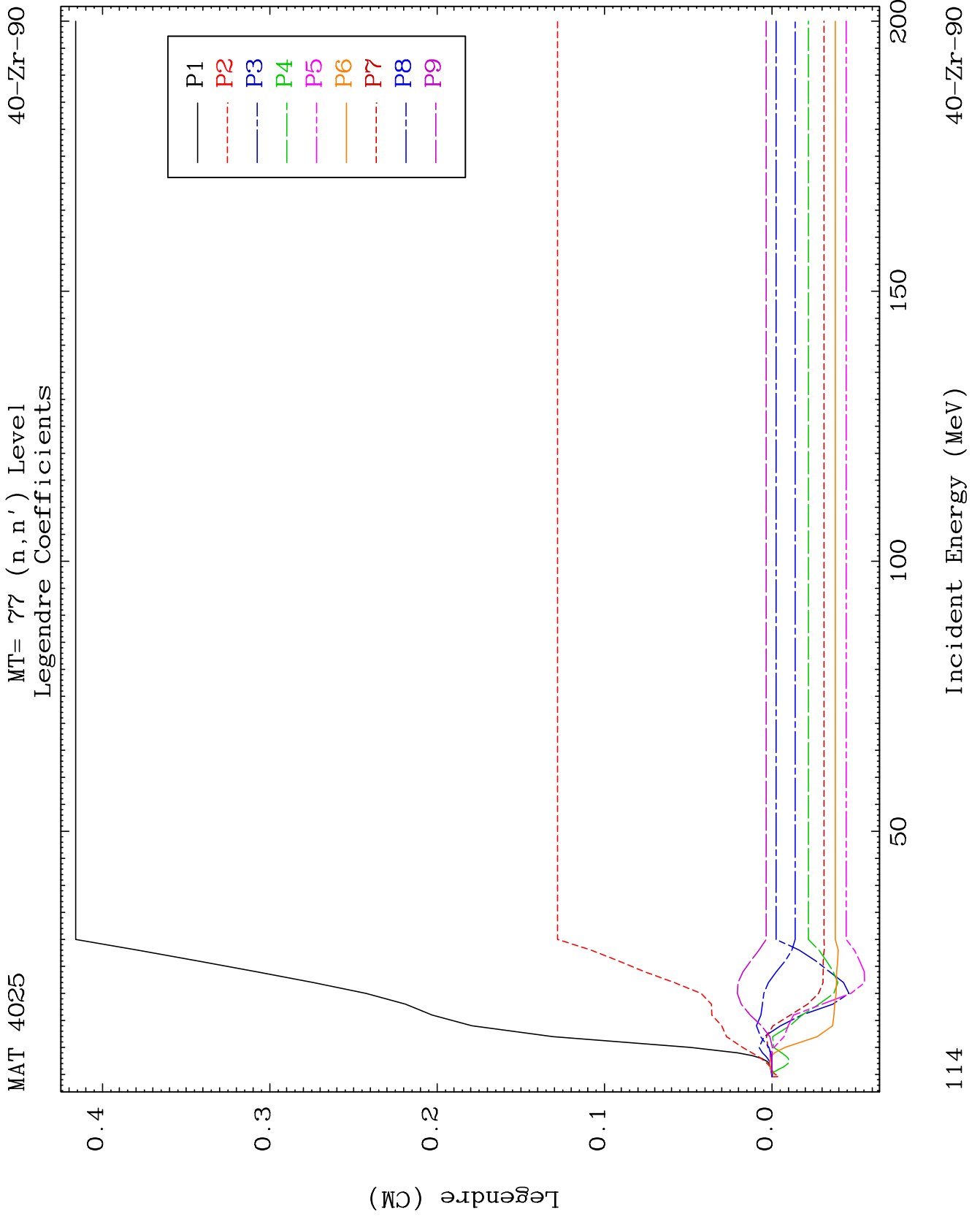


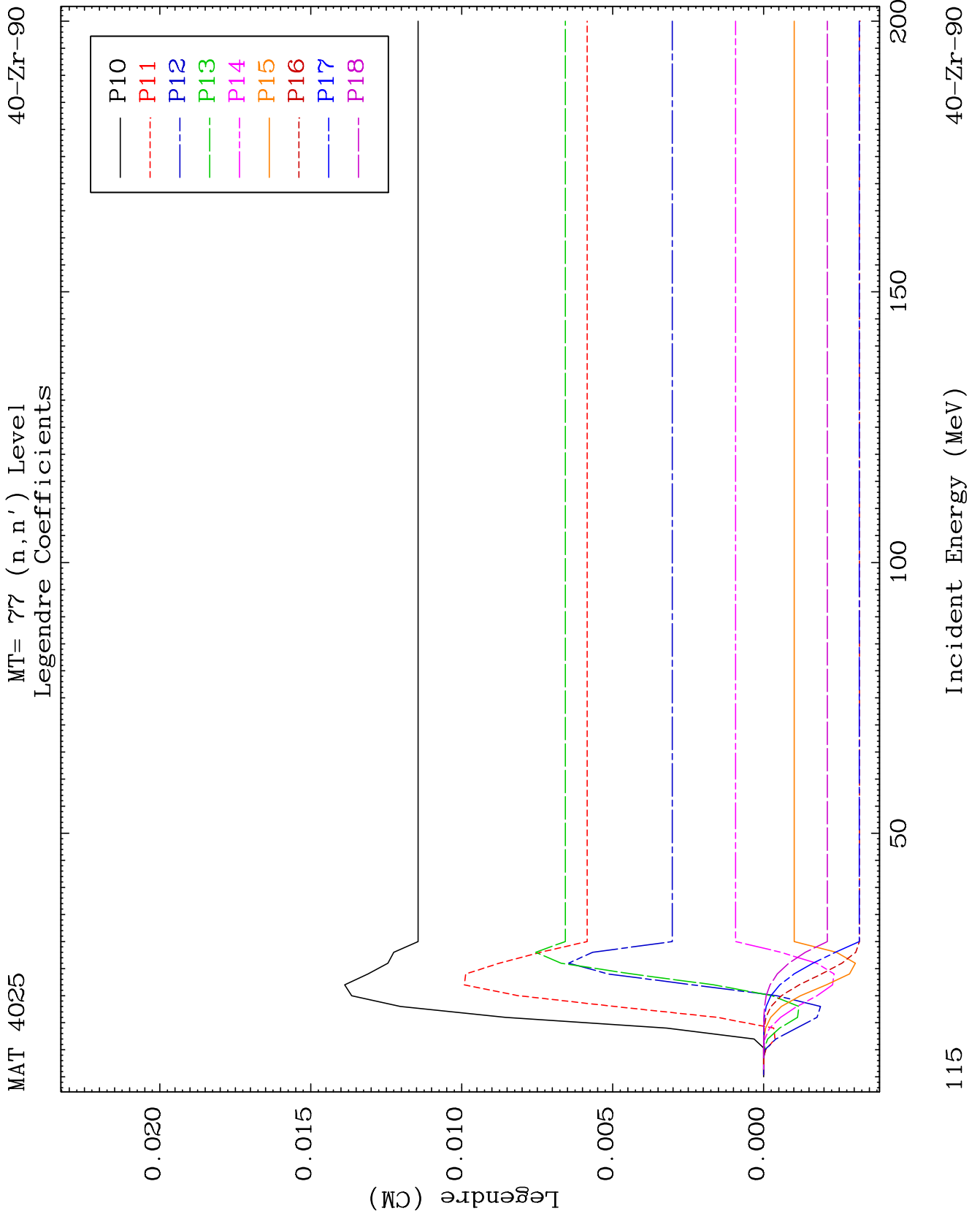


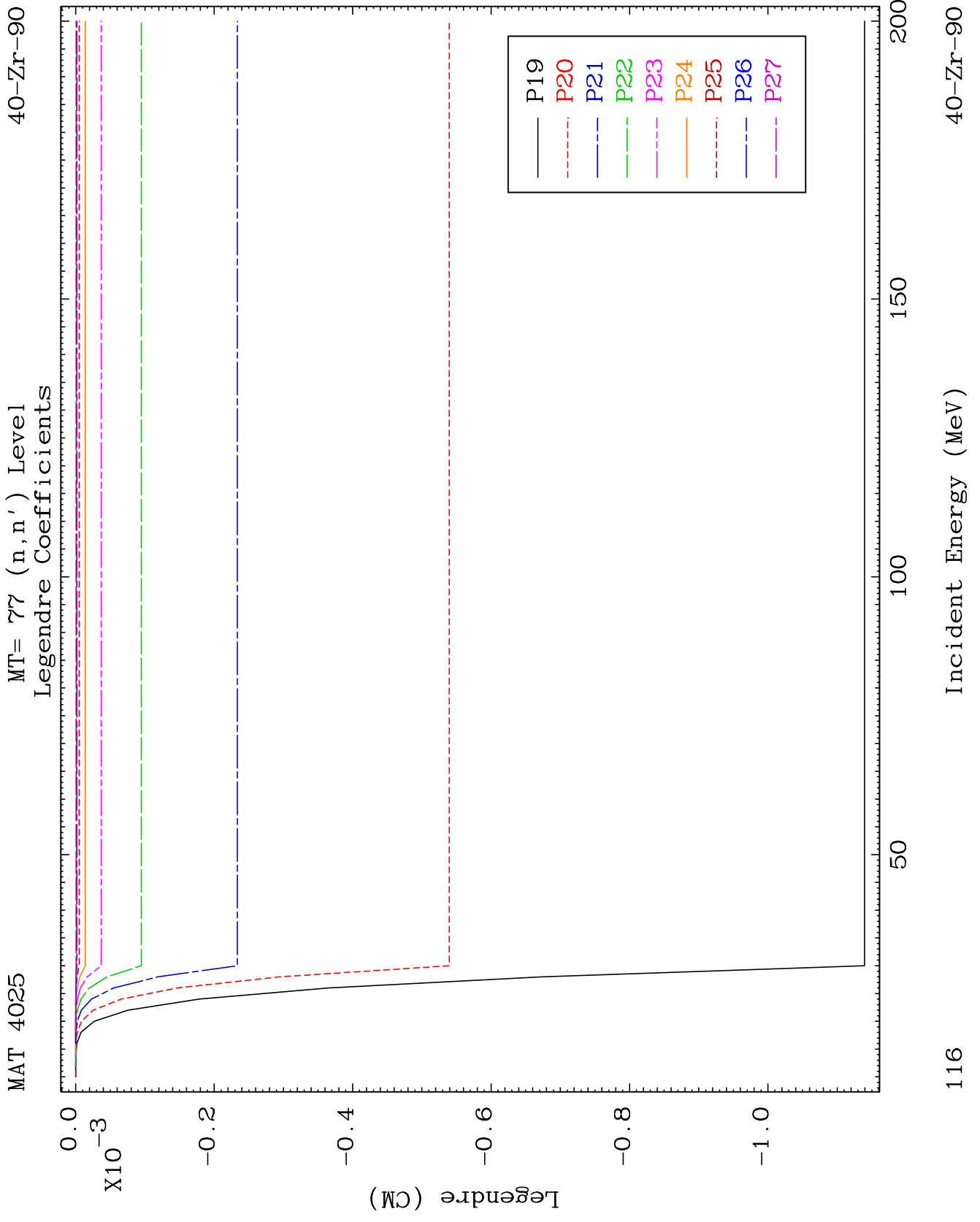


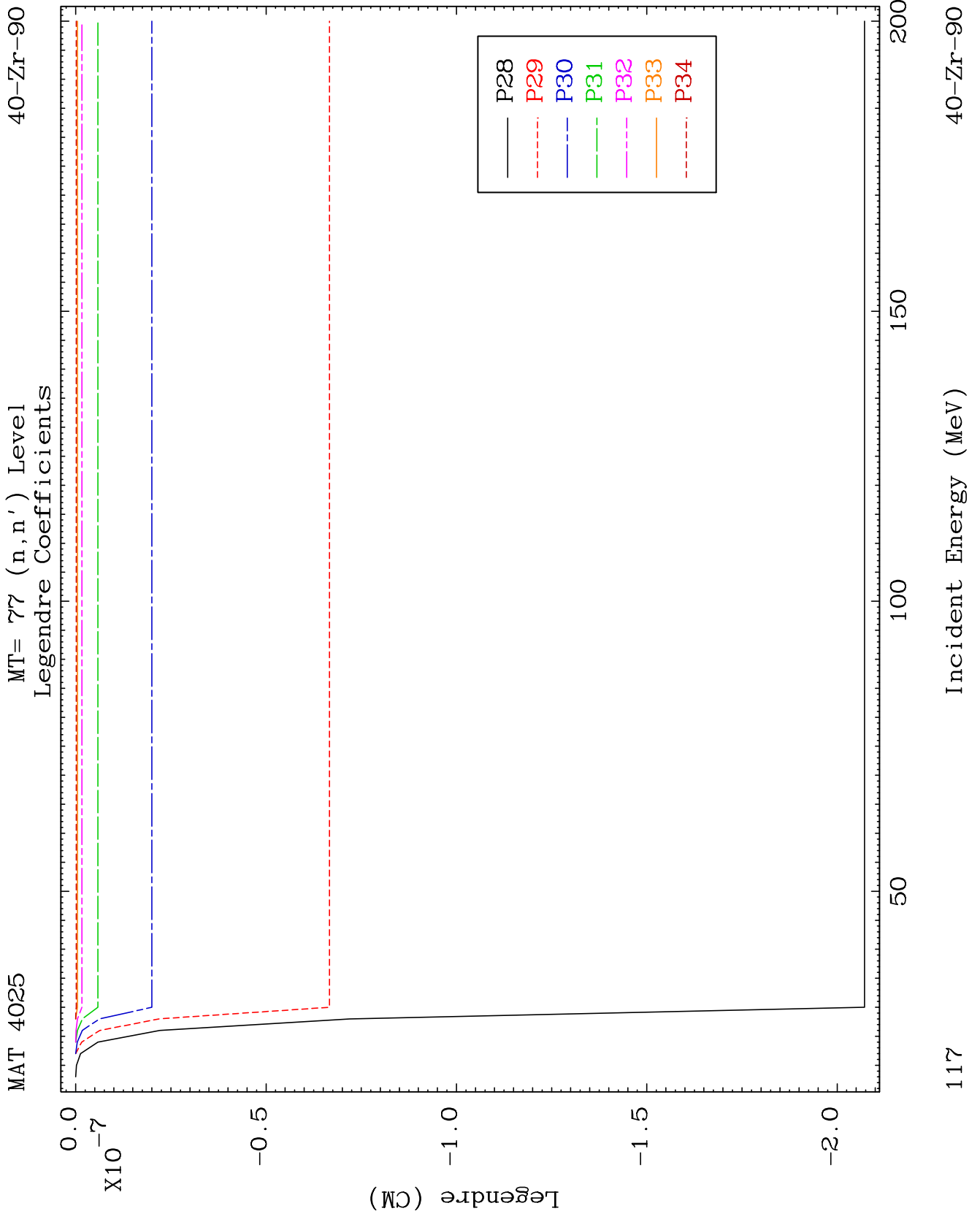


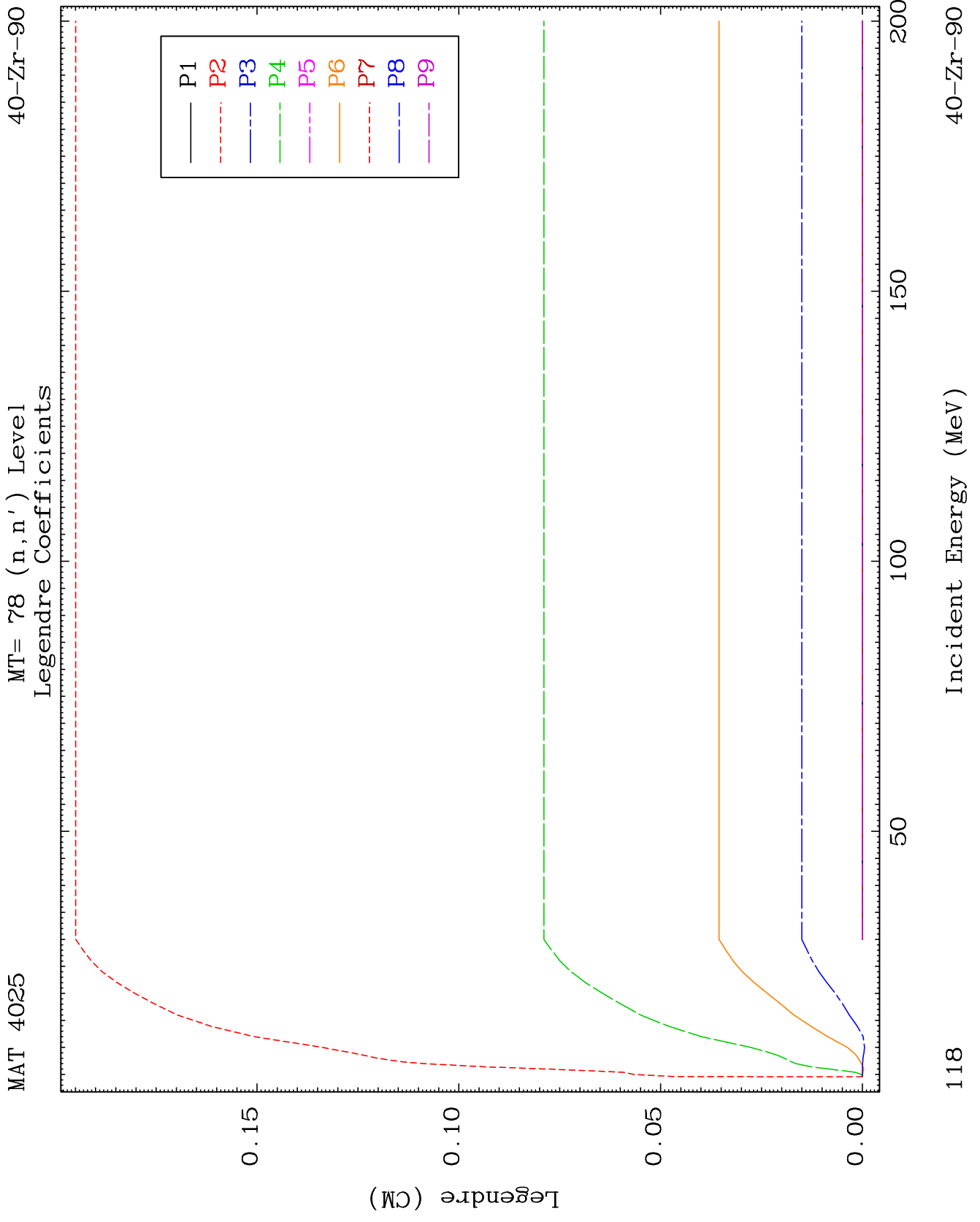


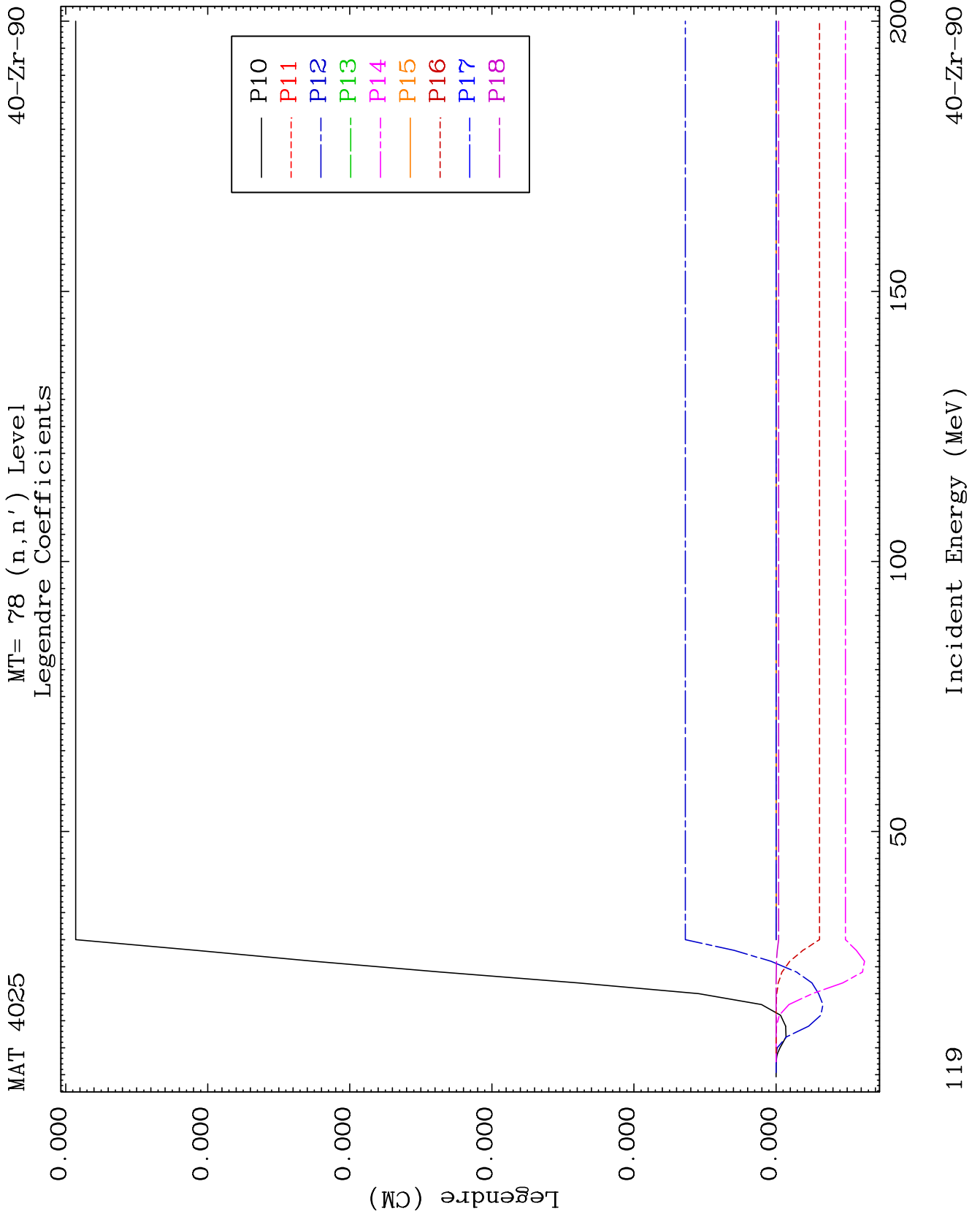


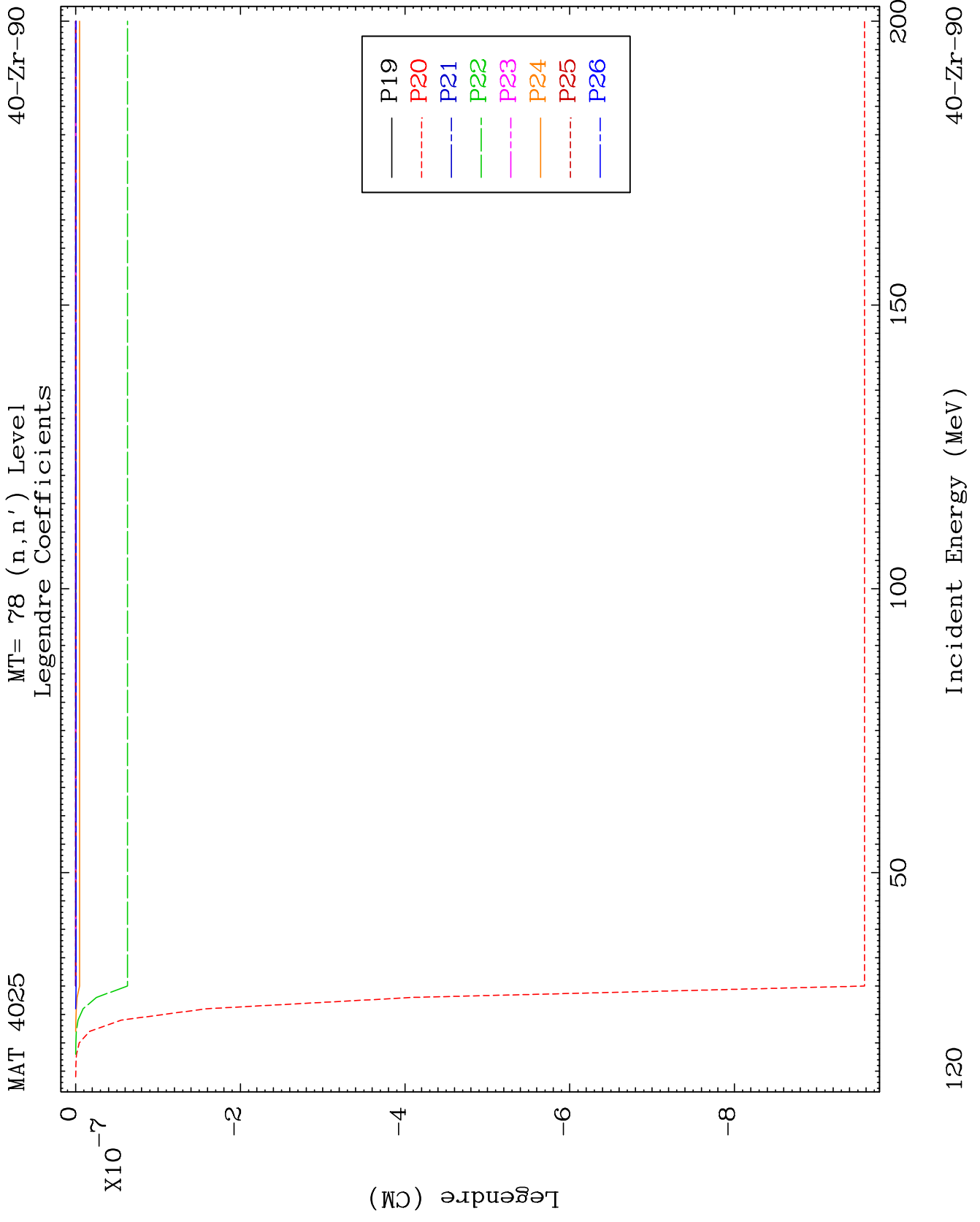


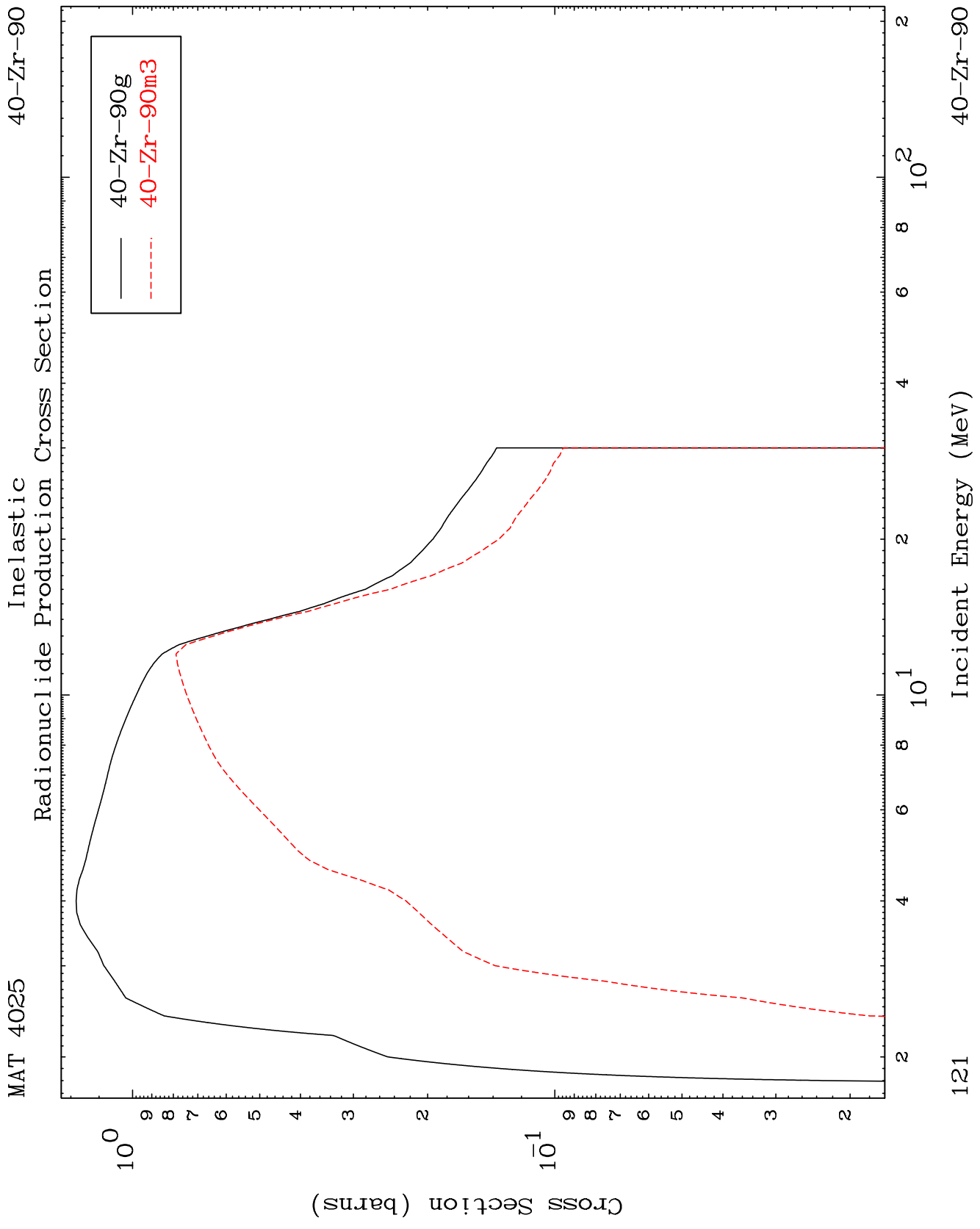










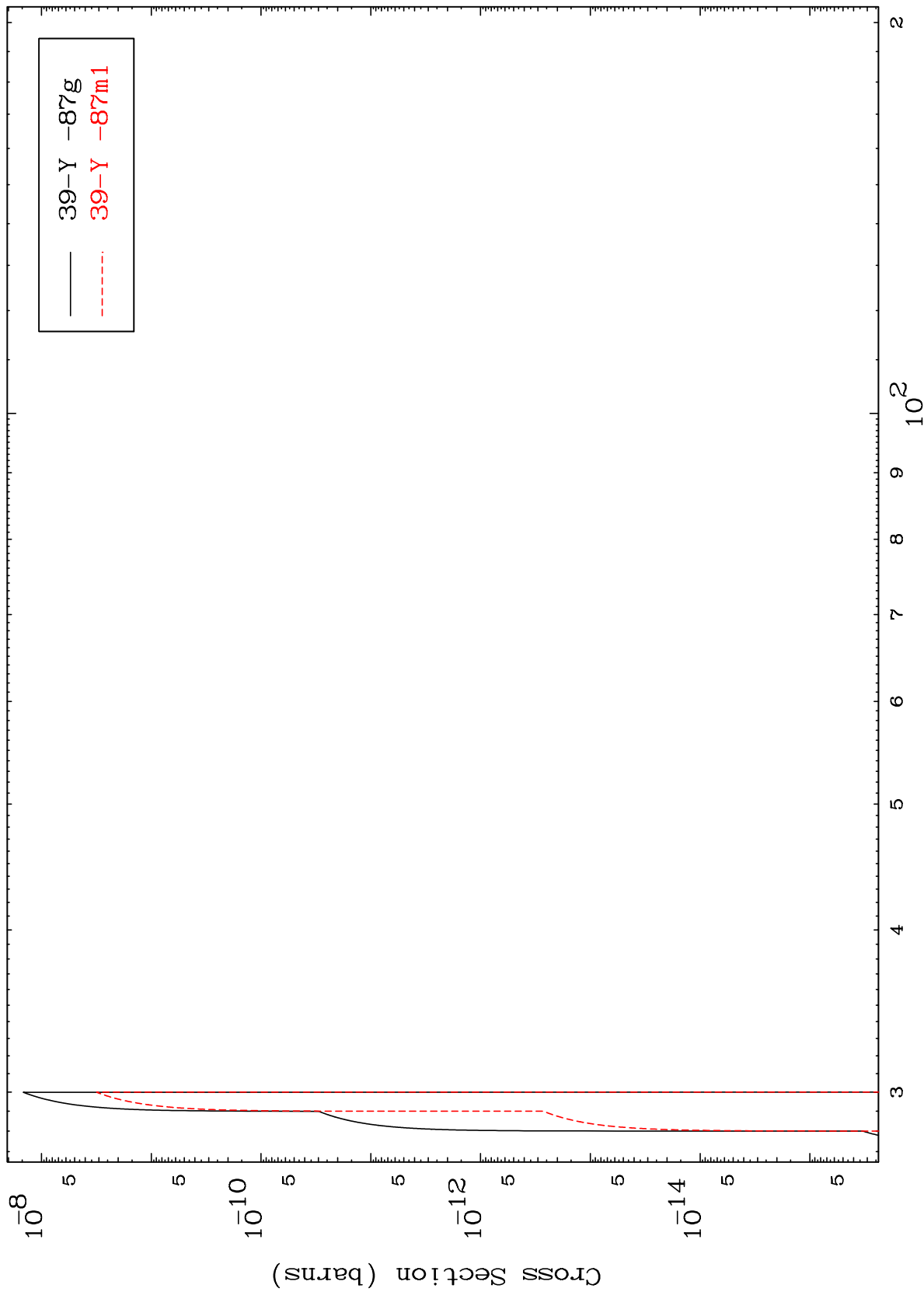


MAT 4025

(n,2n) d

40-Zr-90

Radionuclide Production Cross Section



122

Incident Energy (MeV)

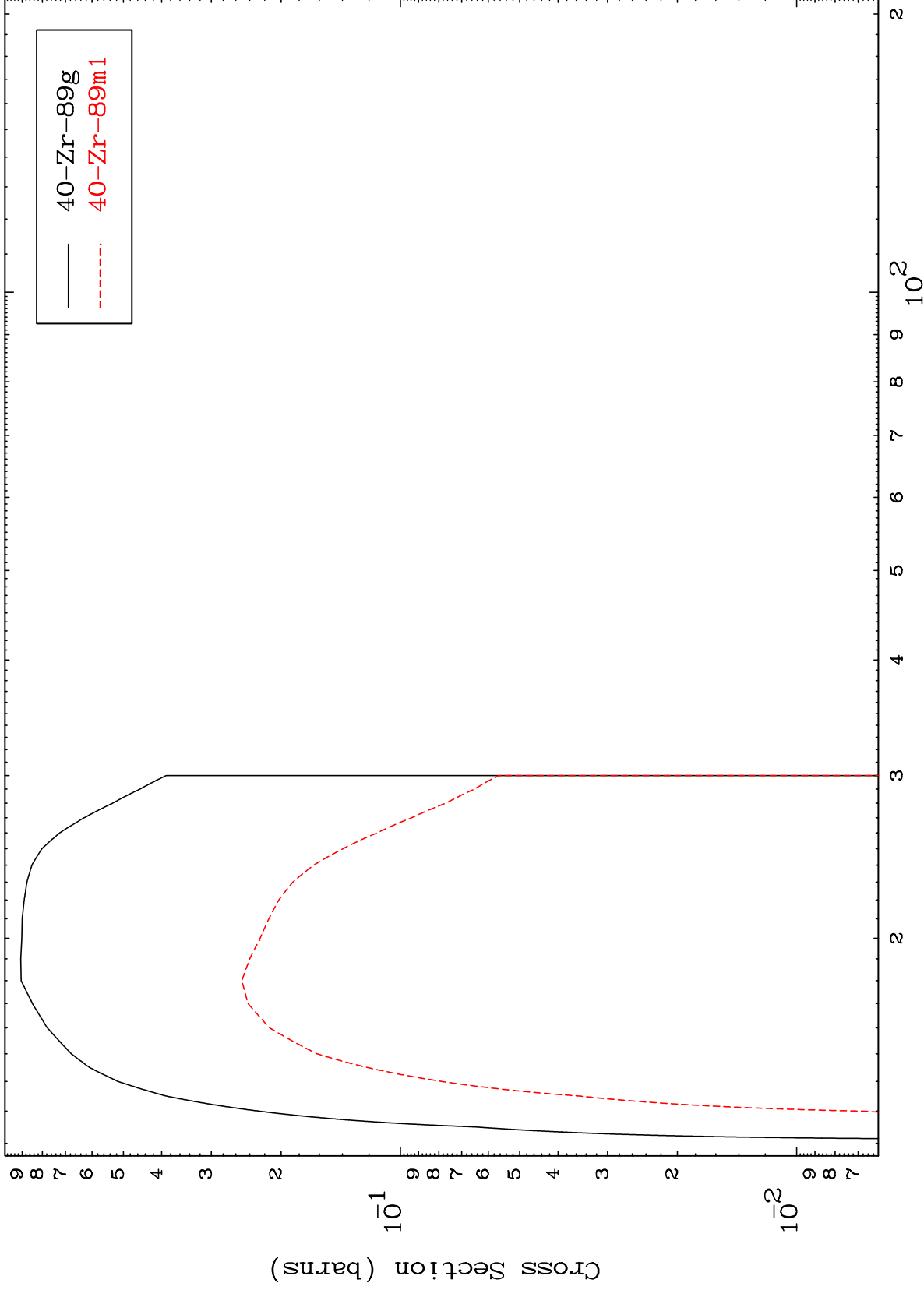
40-Zr-90

MAT 4025

(n,2n)

40-Zr-90

Radionuclide Production Cross Section



123

Incident Energy (MeV)

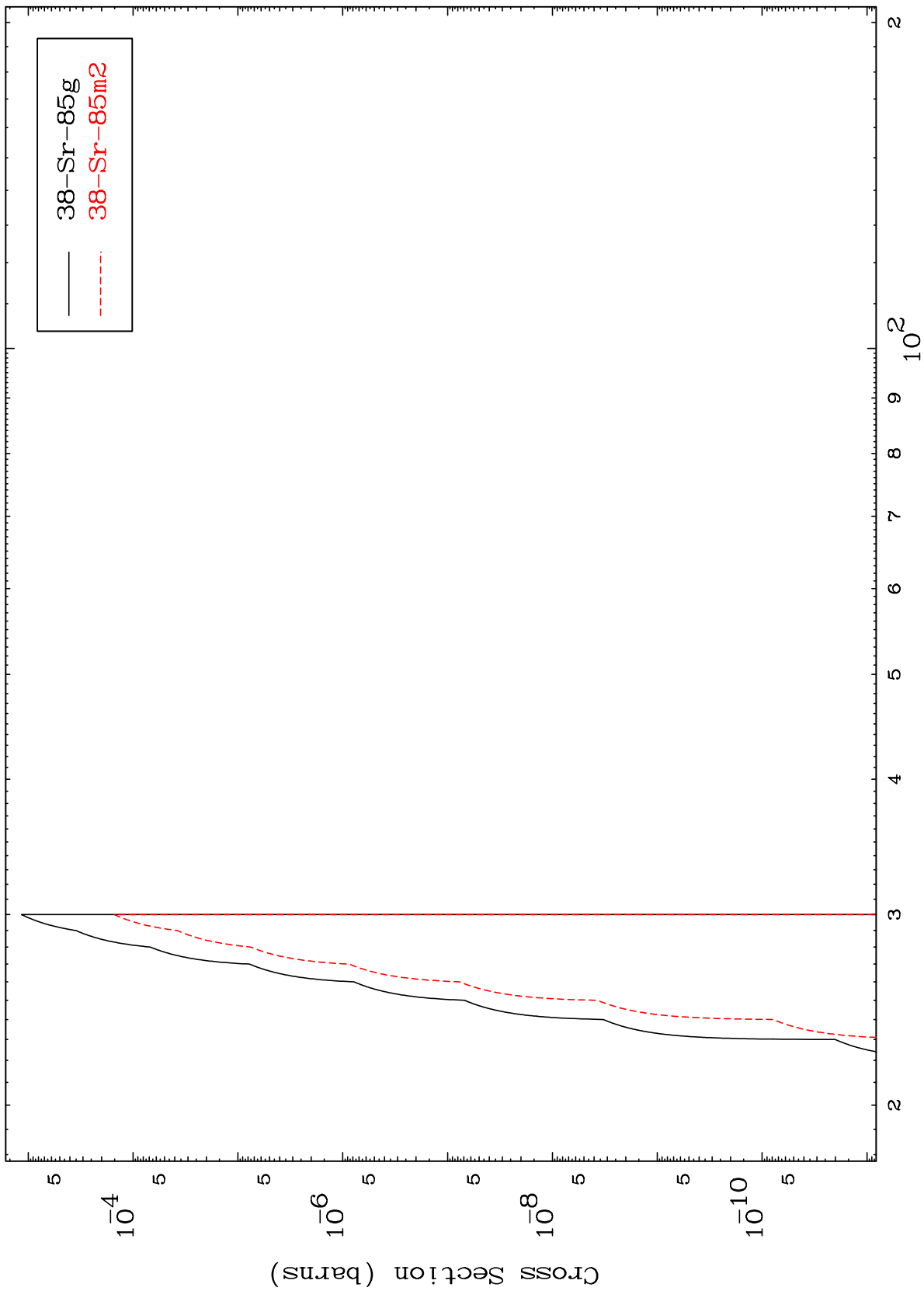
40-Zr-90

MAT 4025

$(n,2n) \alpha$

40-Zr-90

Radionuclide Production Cross Section



124

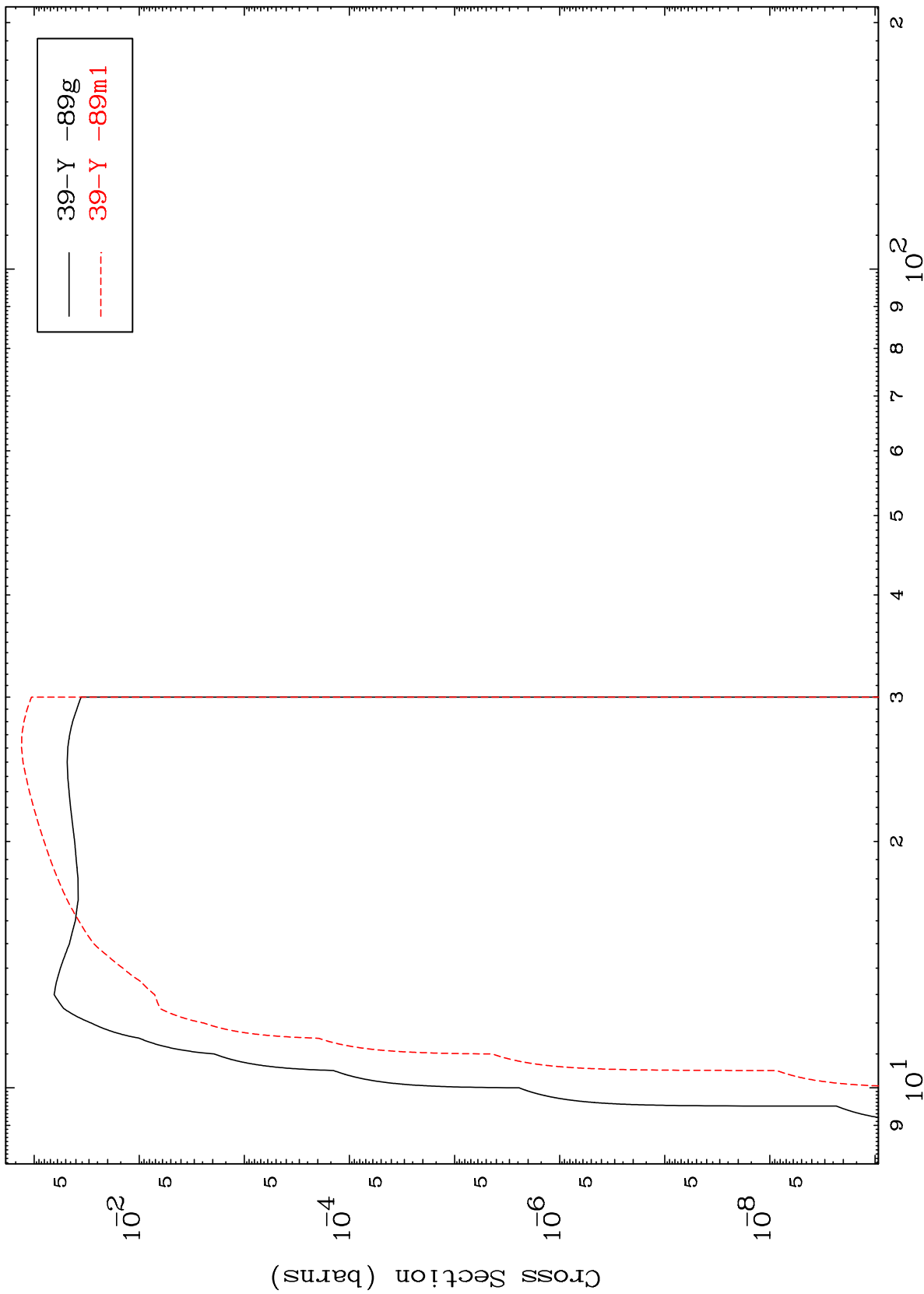
Incident Energy (MeV)

40-Zr-90

MAT 4025

40-Zr-90

(n, n') p
Radionuclide Production Cross Section



40-Zr-90

Incident Energy (MeV)

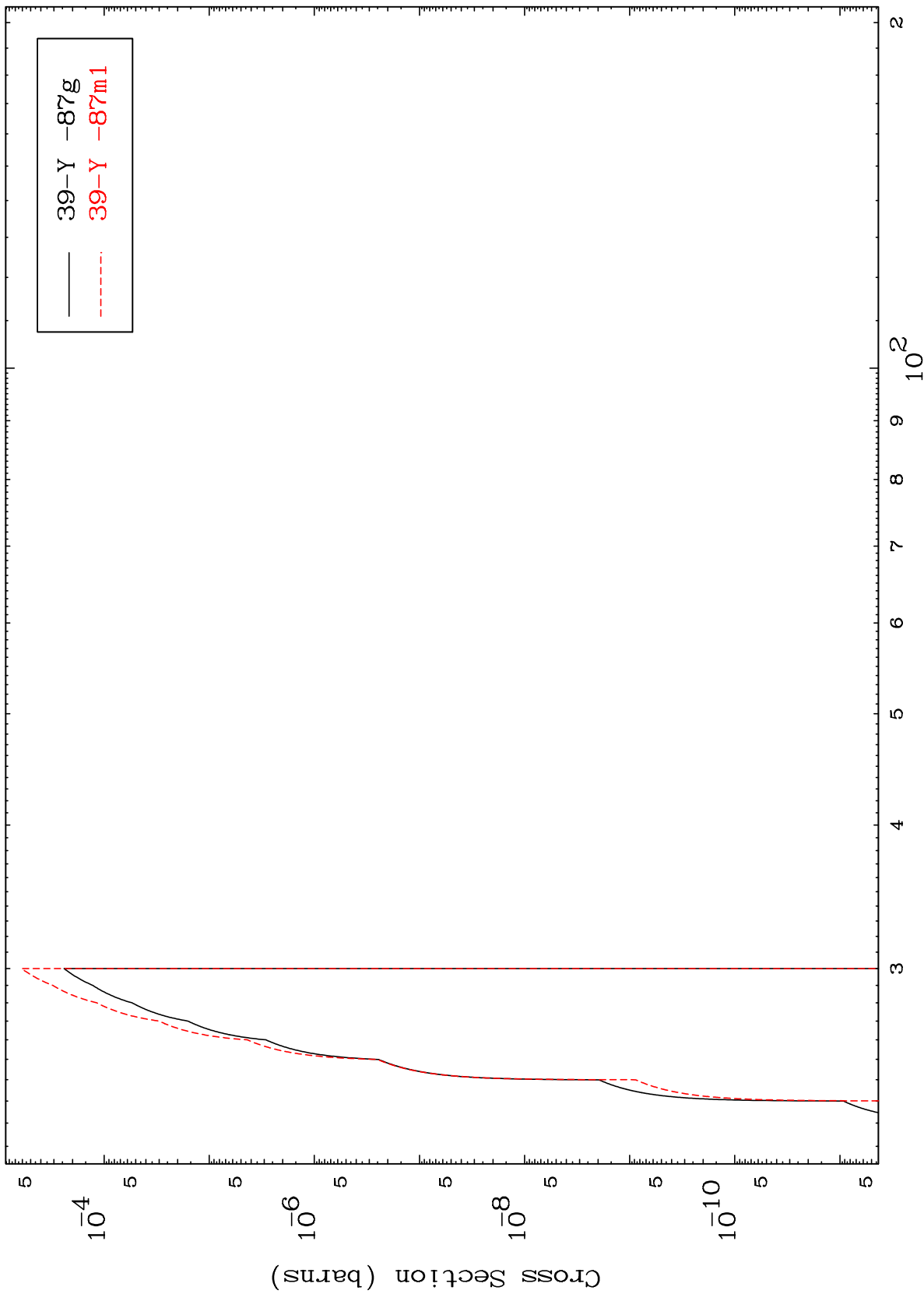
125

MAT 4025

(n,n') t

40-Zr-90

Radionuclide Production Cross Section



126

Incident Energy (MeV)

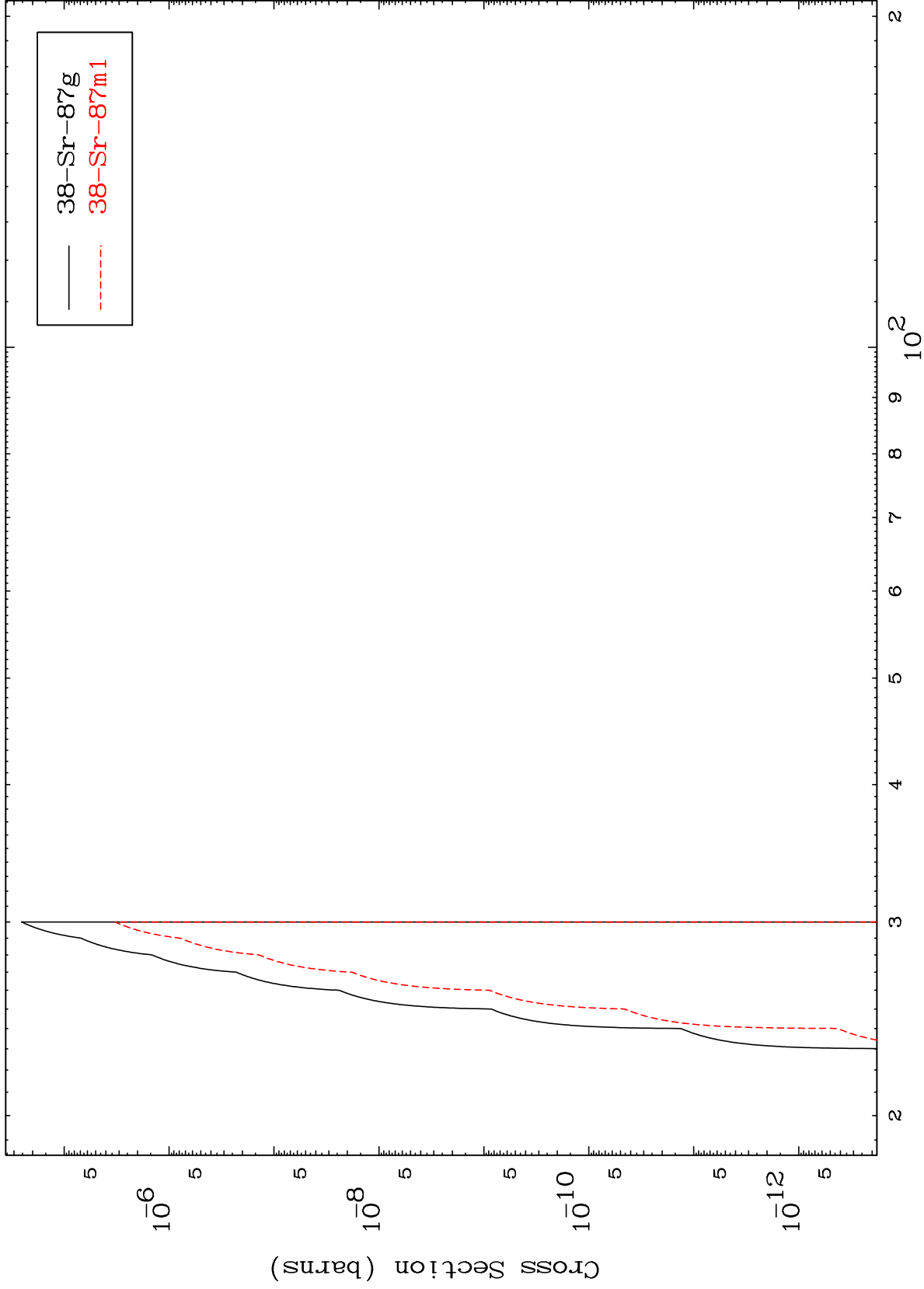
40-Zr-90

MAT 4025

(n,n') He-3

40-Zr-90

Radionuclide Production Cross Section



127

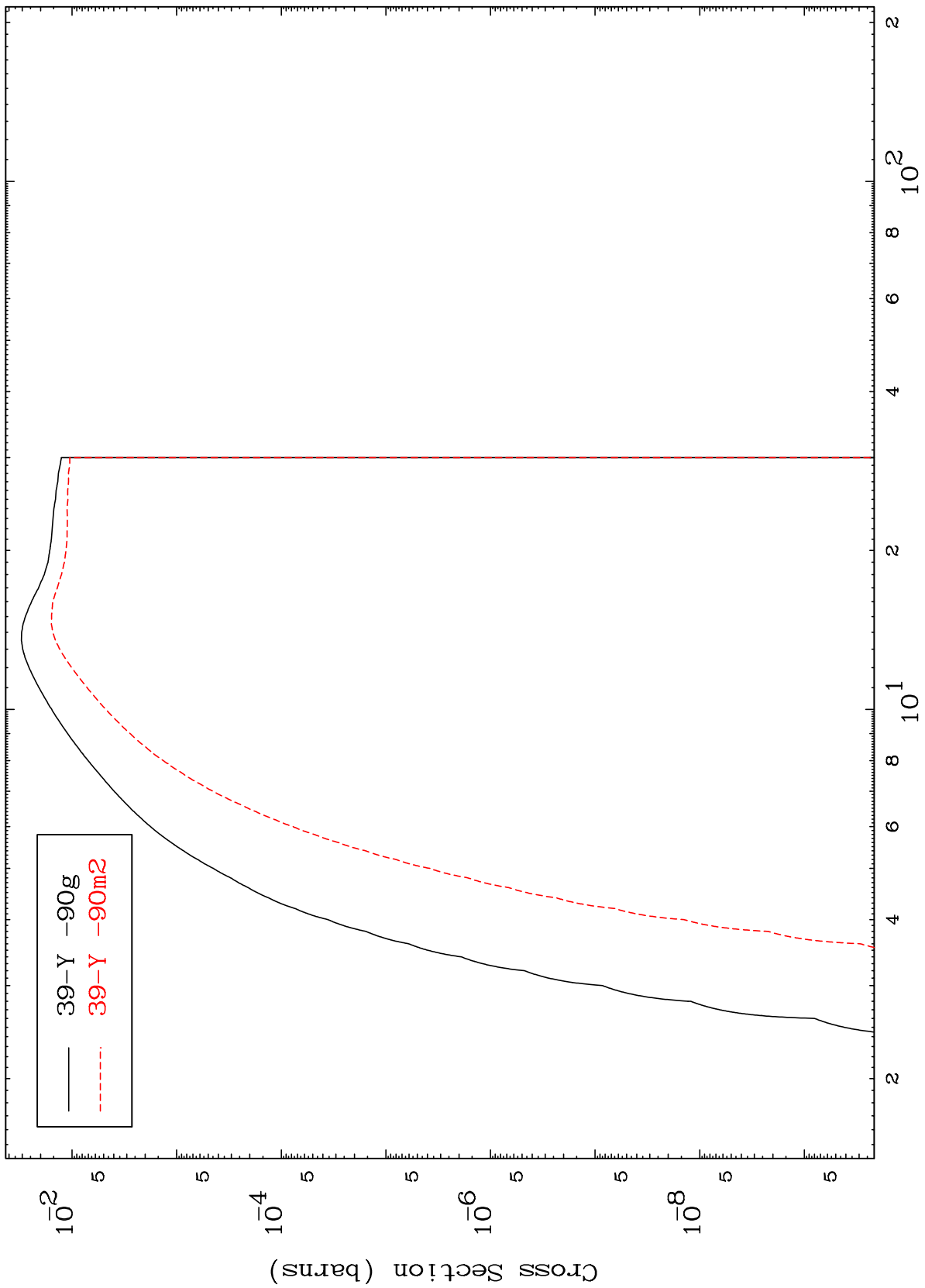
Incident Energy (MeV)

40-Zr-90

MAT 4025

40-Zr-90

(n,p)
Radionuclide Production Cross Section



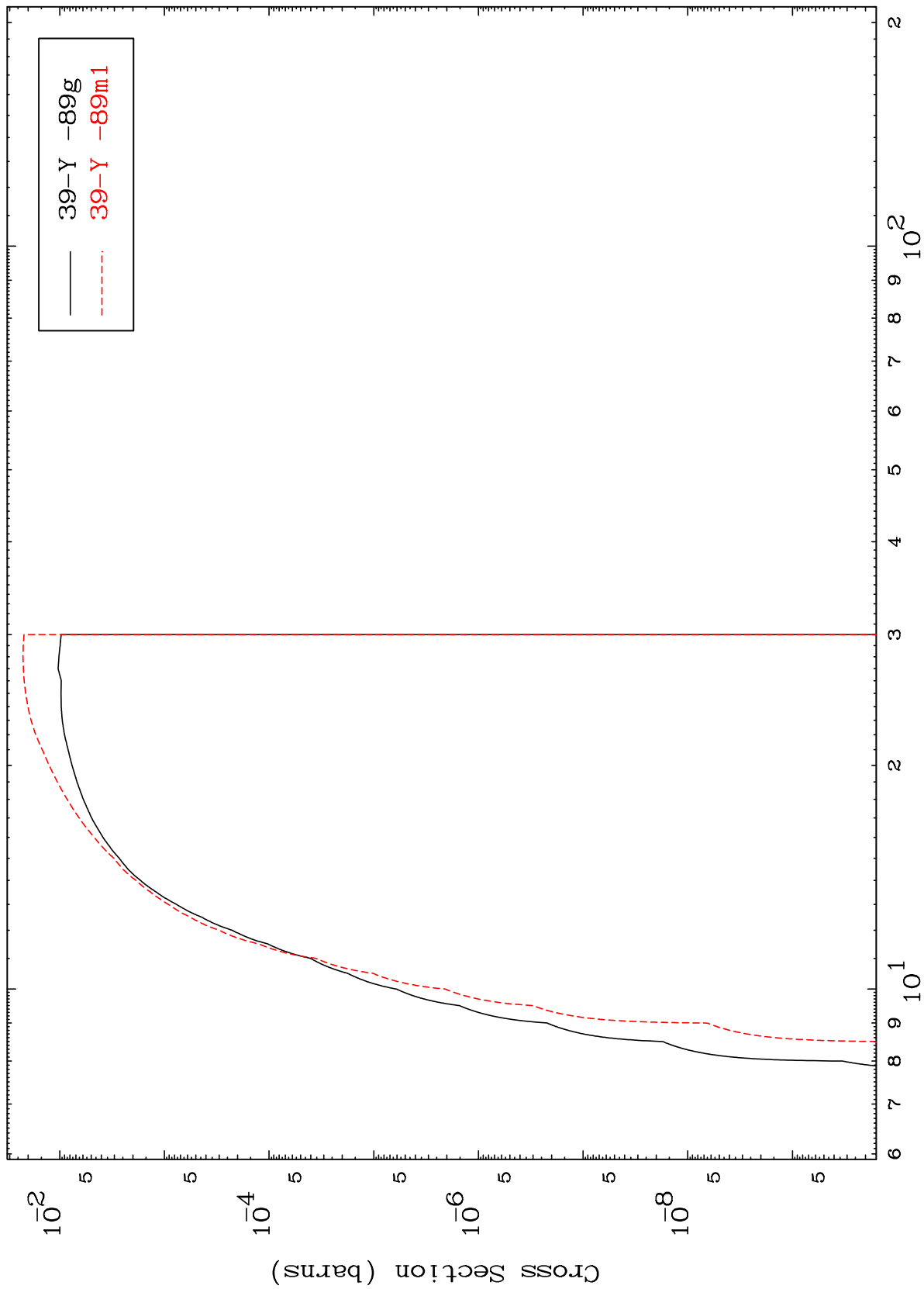
— 39-Y -90g
- - - 39-Y -90m2

MAT 4025

(n,d)

40-Zr-90

Radionuclide Production Cross Section



129

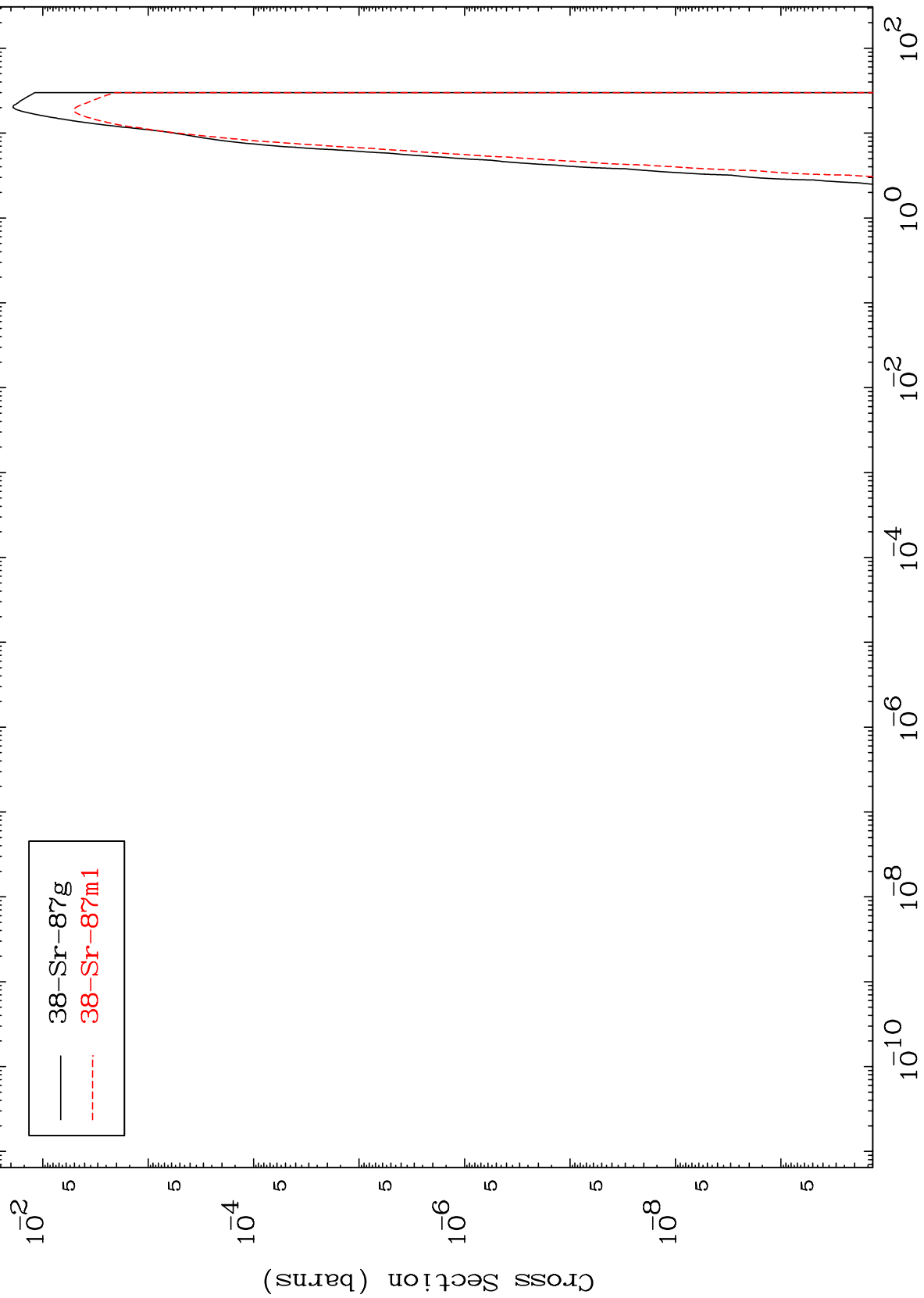
Incident Energy (MeV)

40-Zr-90

MAT 4025

40-Zr-90

Radionuclide Production Cross Section



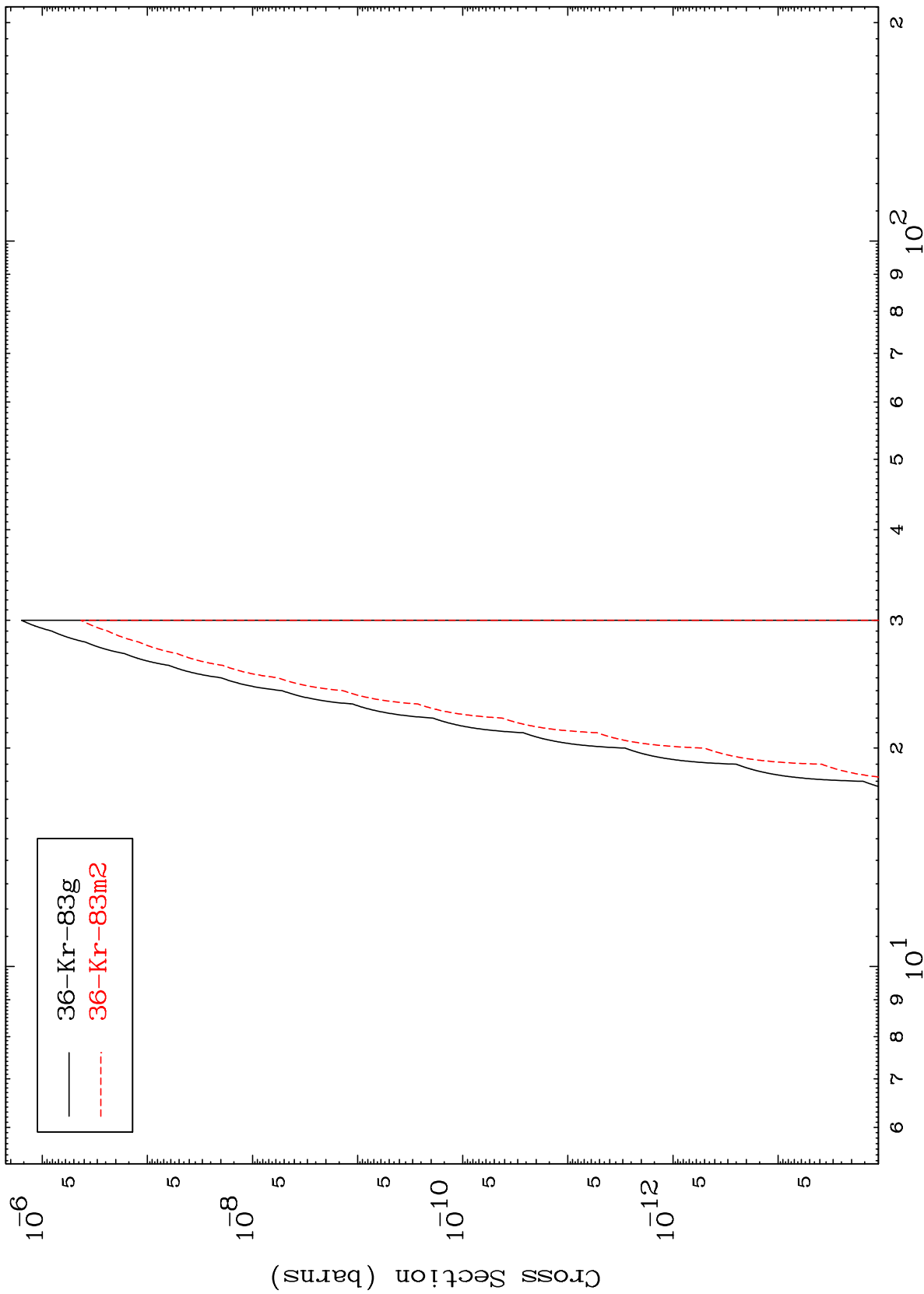
130

40-Zr-90

MAT 4025

40-Zr-90

(n,2α)
Radionuclide Production Cross Section

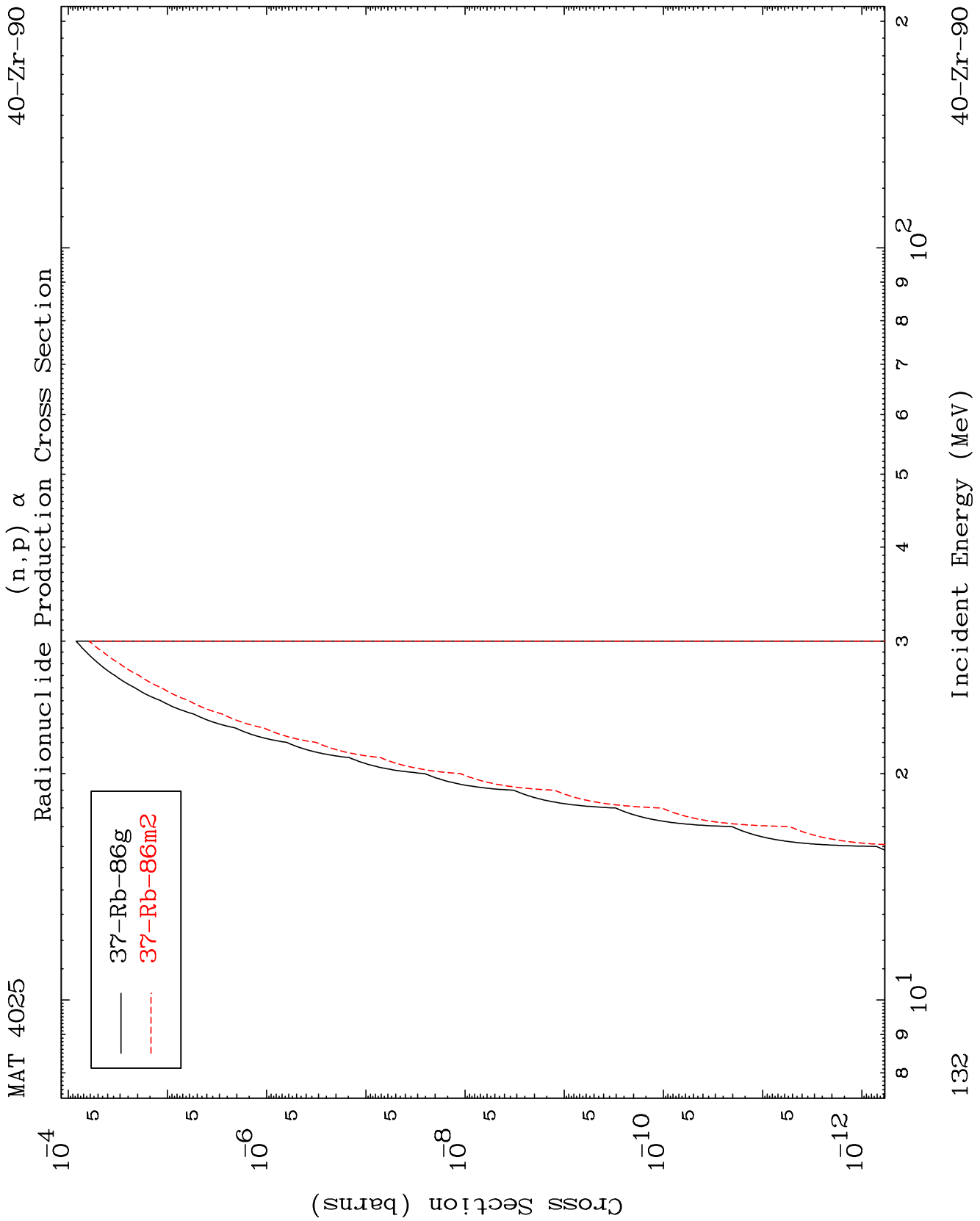


— 36-Kr-83g
- - - 36-Kr-83m2

40-Zr-90

Incident Energy (MeV)

131

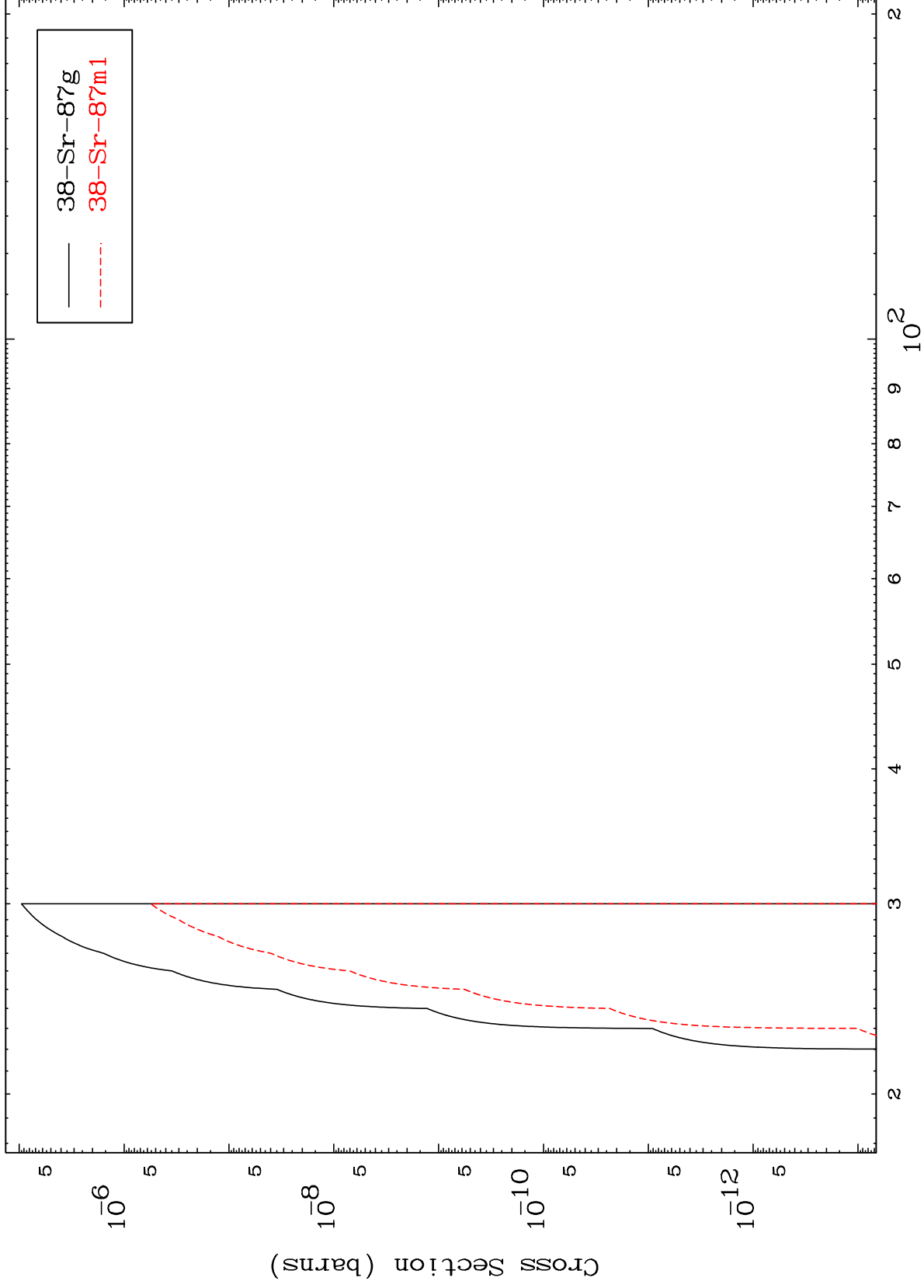


MAT 4025

(n,p) t

40-Zr-90

Radionuclide Production Cross Section



133

Incident Energy (MeV)

40-Zr-90