

Program EVALPLOT
(Version 2017-1)

by

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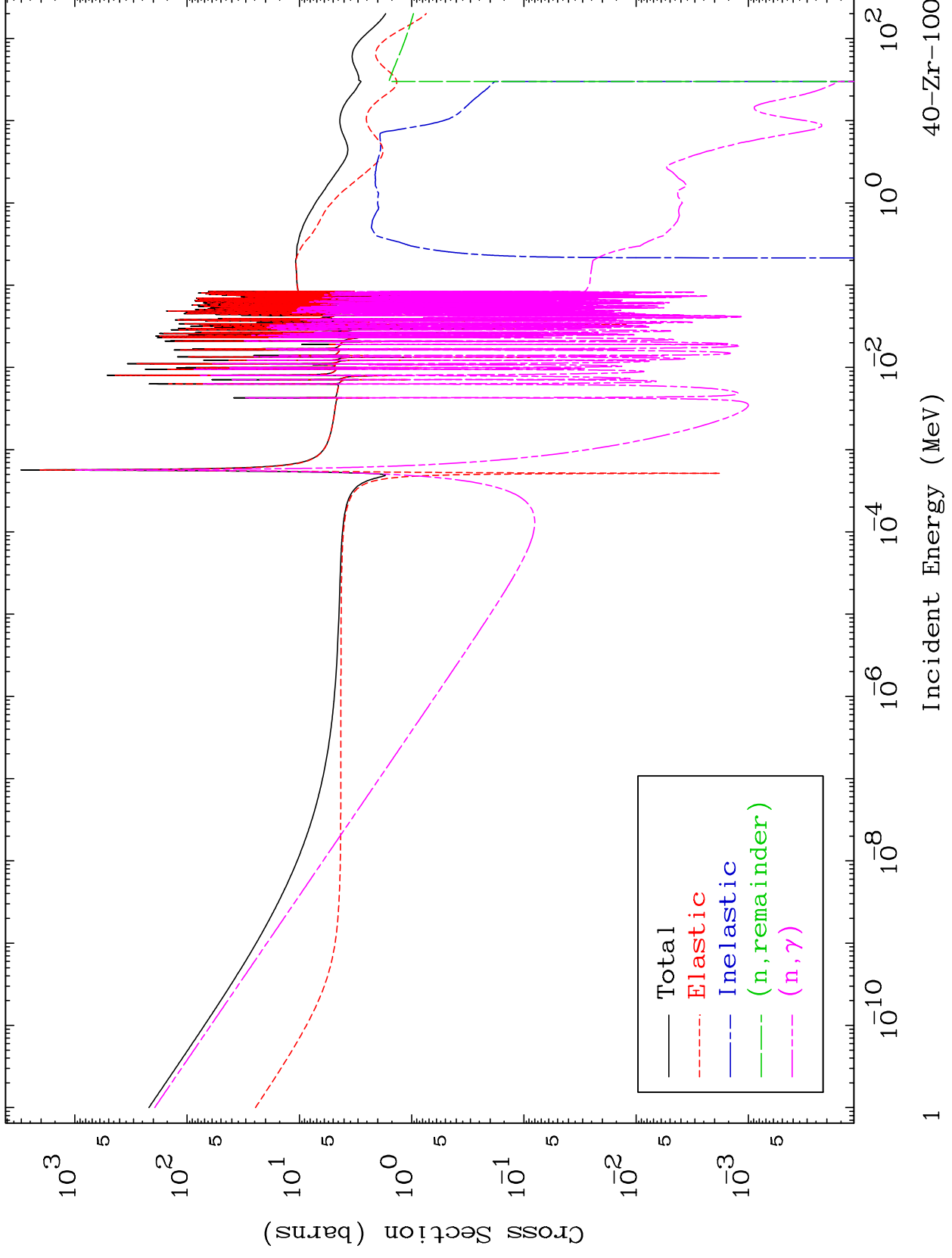
Press Mouse Button to Start

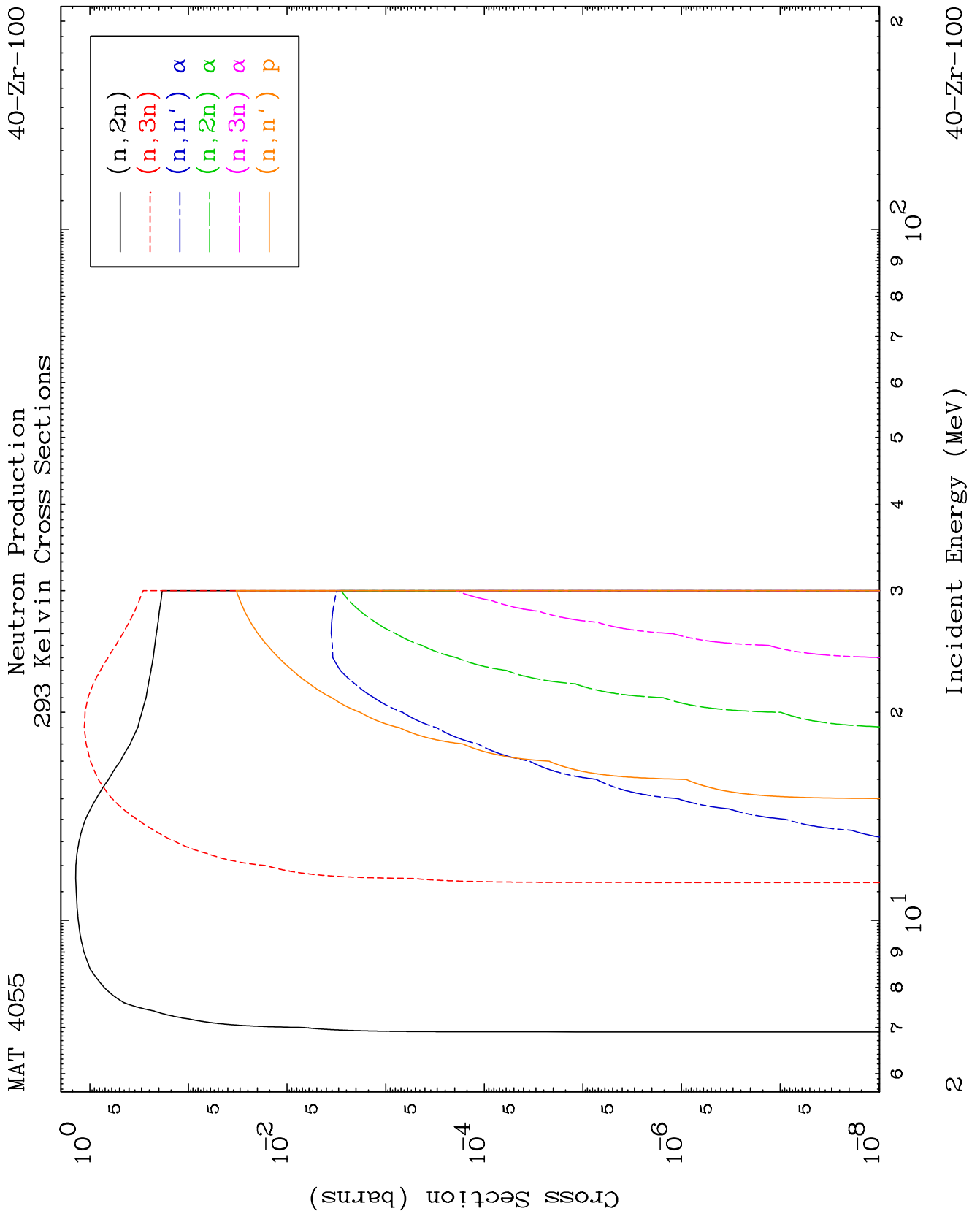
MAT 4055

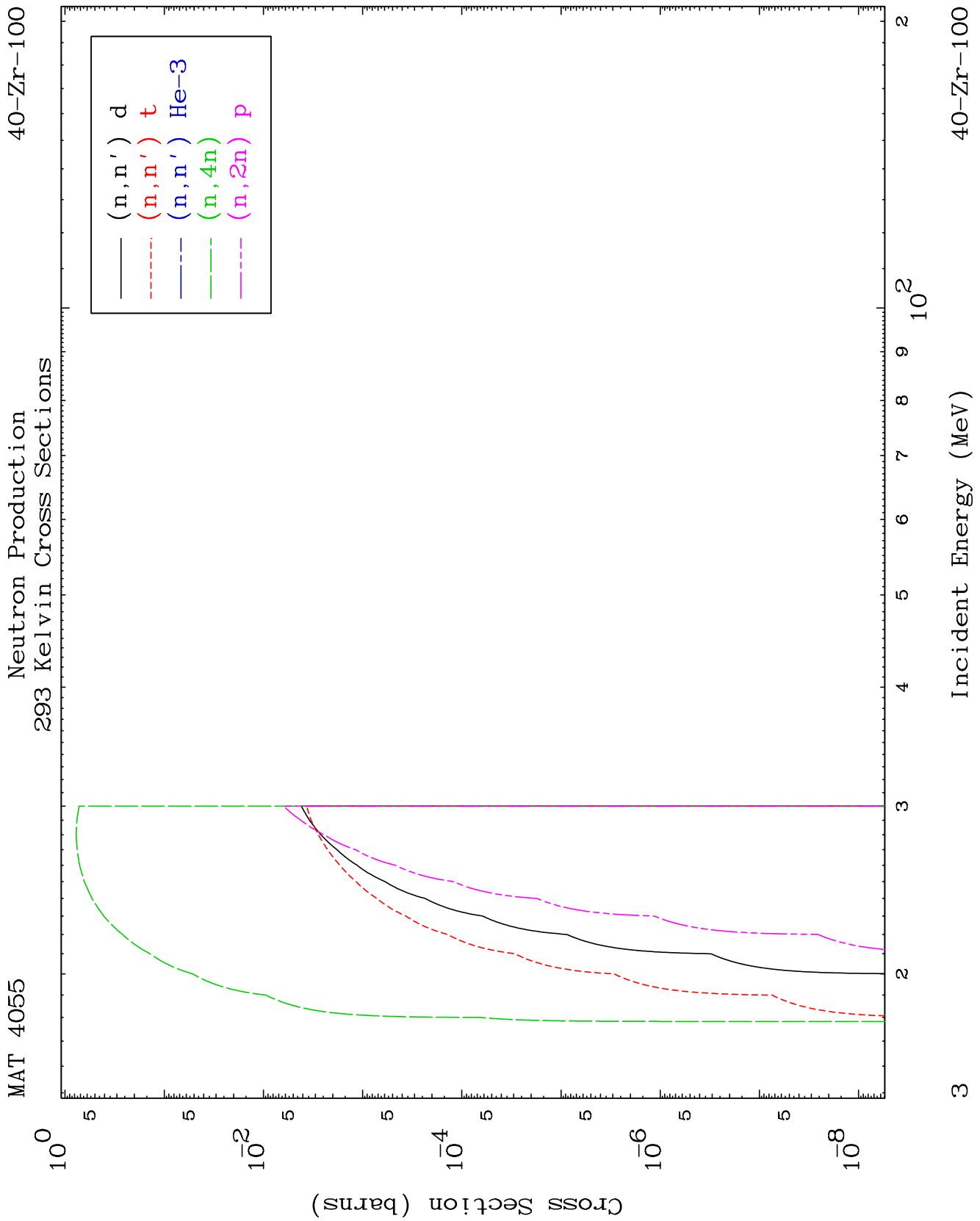
Major

293 Kelvin Cross Sections

40-Zr-100



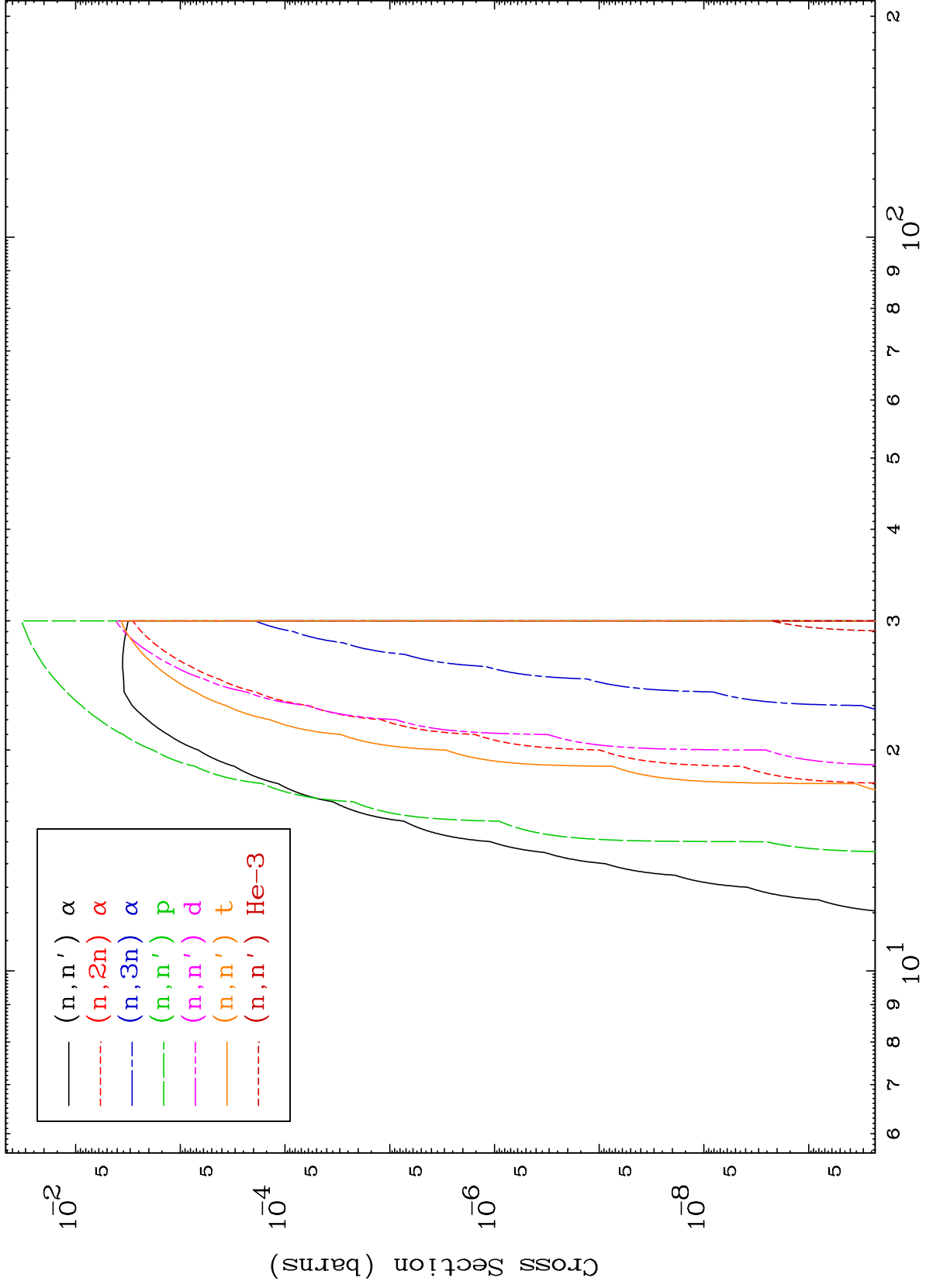




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Charged Particle
293 Kelvin Cross Sections

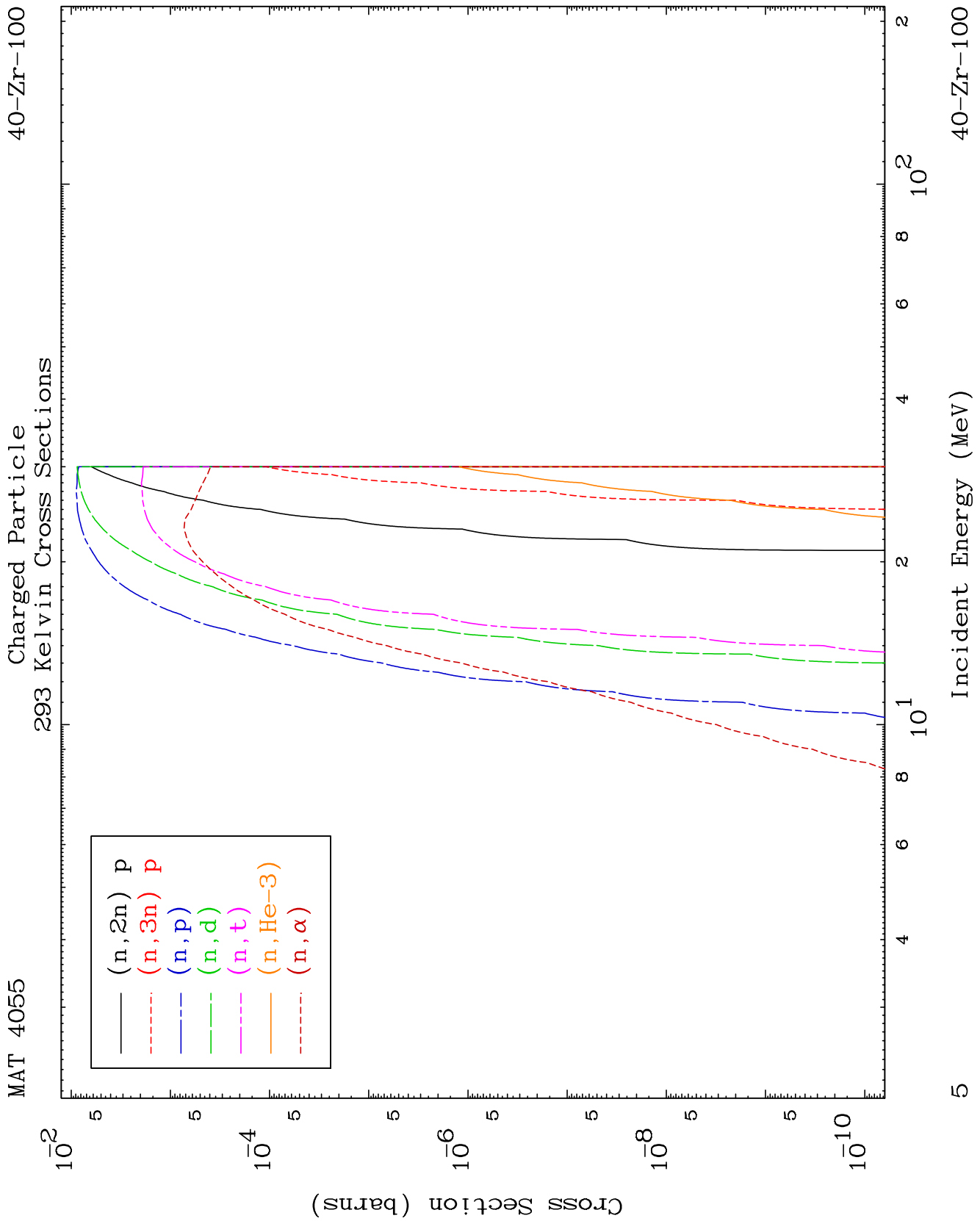
40-Zr-100



4

Incident Energy (MeV)

40-Zr-100

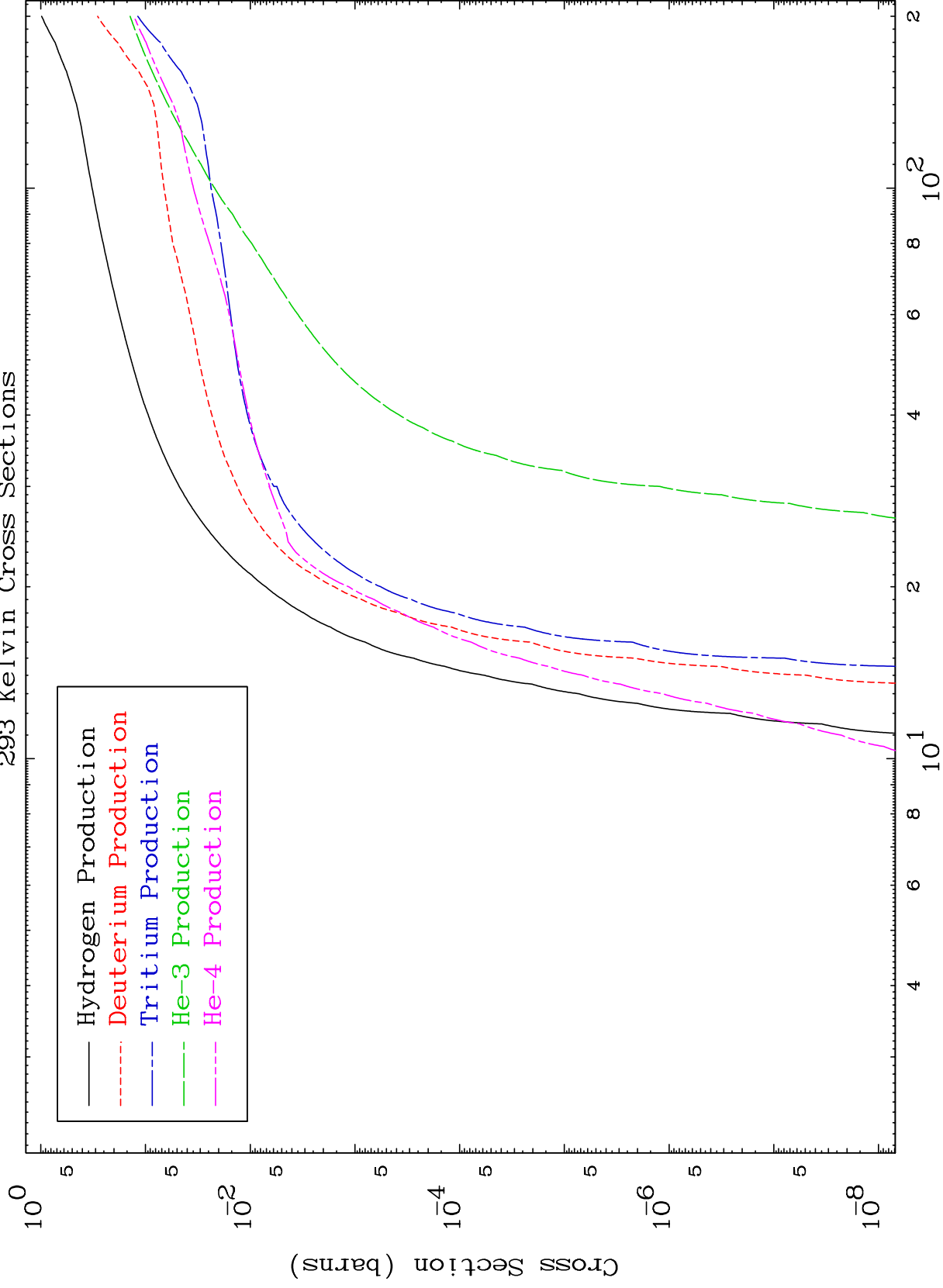


- (n, 2n) p
- (n, 3n) p
- (n, p)
- (n, d)
- (n, t)
- (n, He-3)
- (n, alpha)

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Particle Production
293 Kelvin Cross Sections

40-Zr-100



6

Incident Energy (MeV)

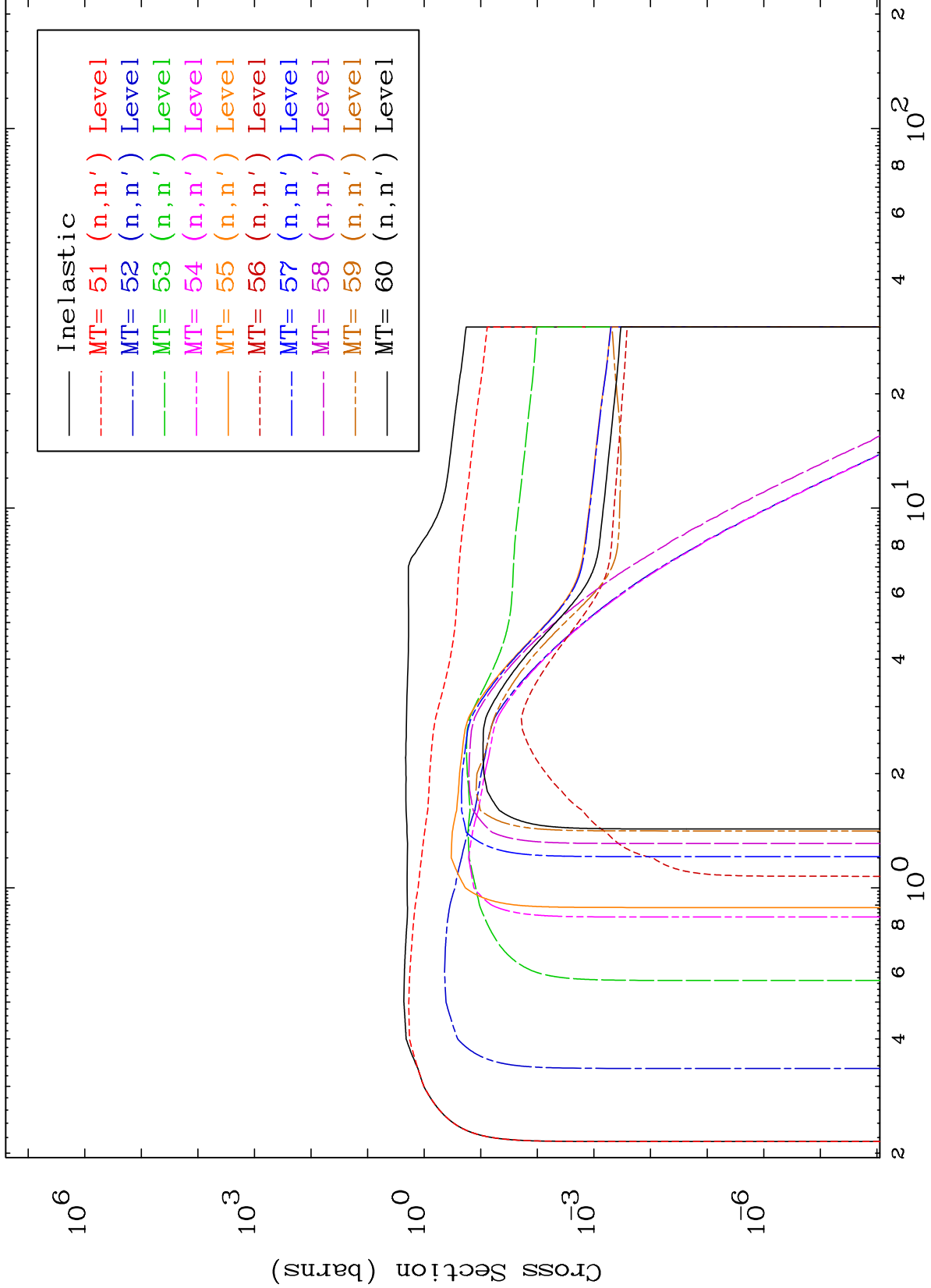
40-Zr-100

MAT 4055

(n,n') Level

40-Zr-100

293 Kelvin Cross Sections

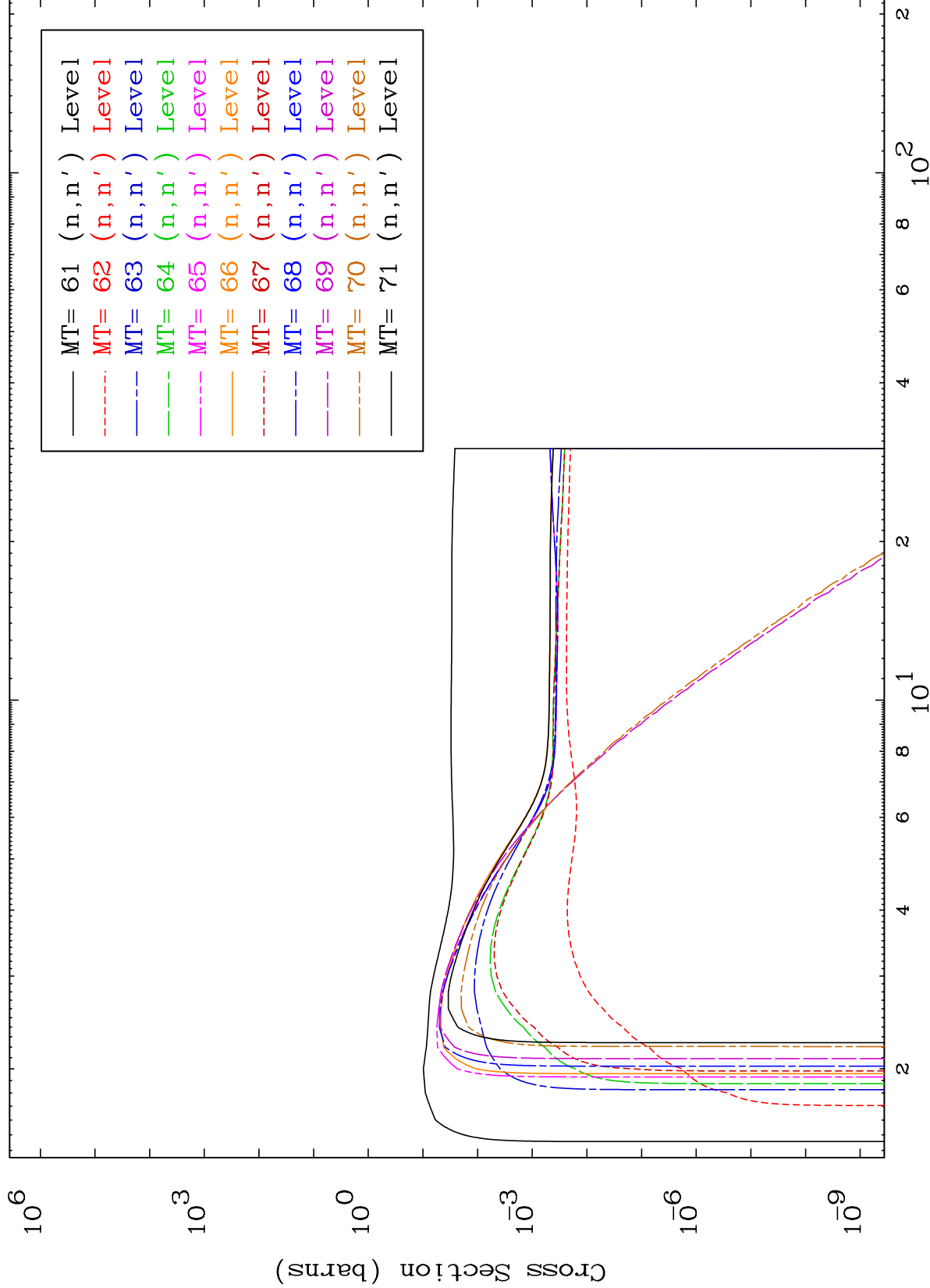


MAT 4055

(n,n') Level

40-Zr-100

293 Kelvin Cross Sections



8

Incident Energy (MeV)

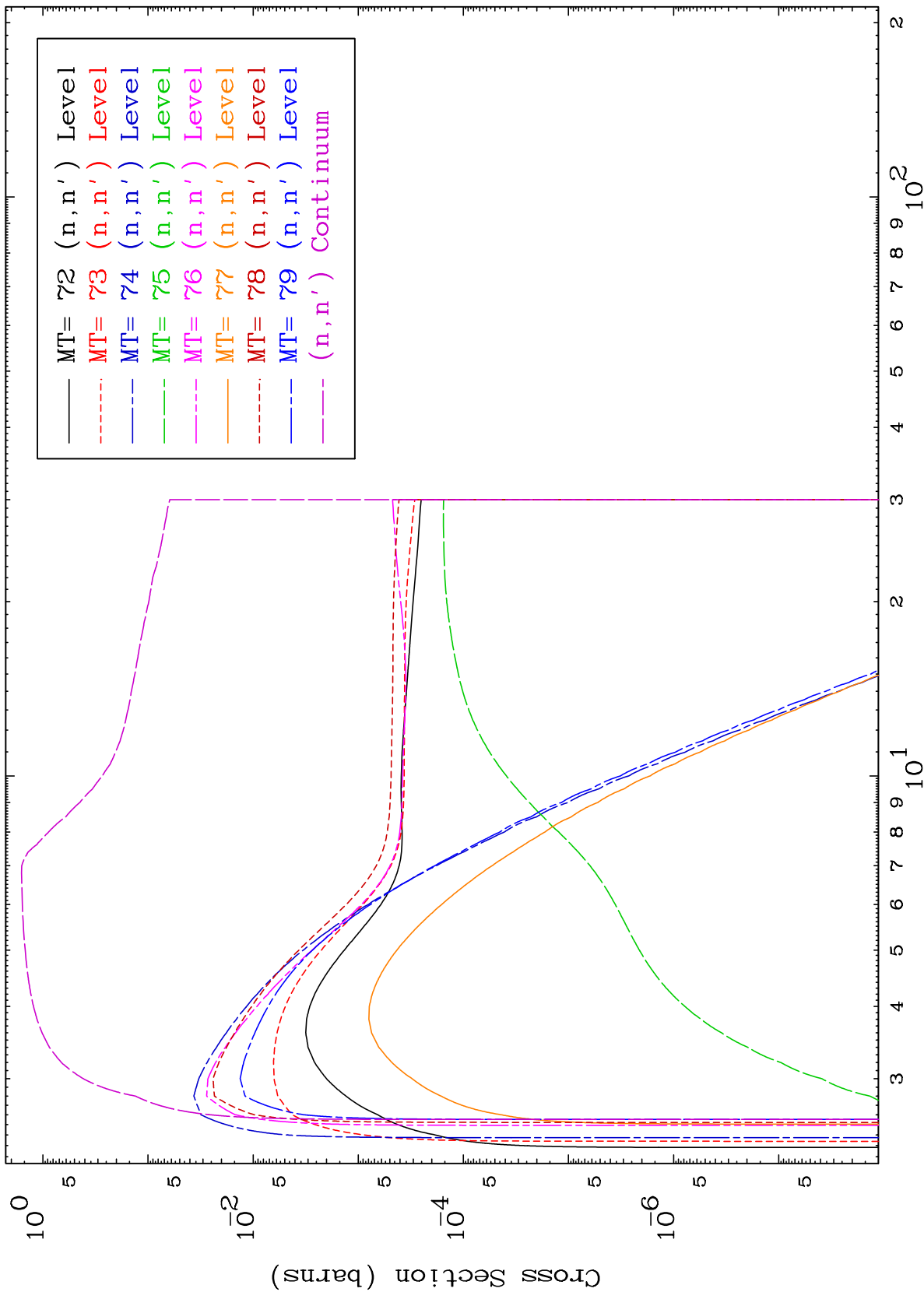
40-Zr-100

MAT 4055

(n,n') Level

40-Zr-100

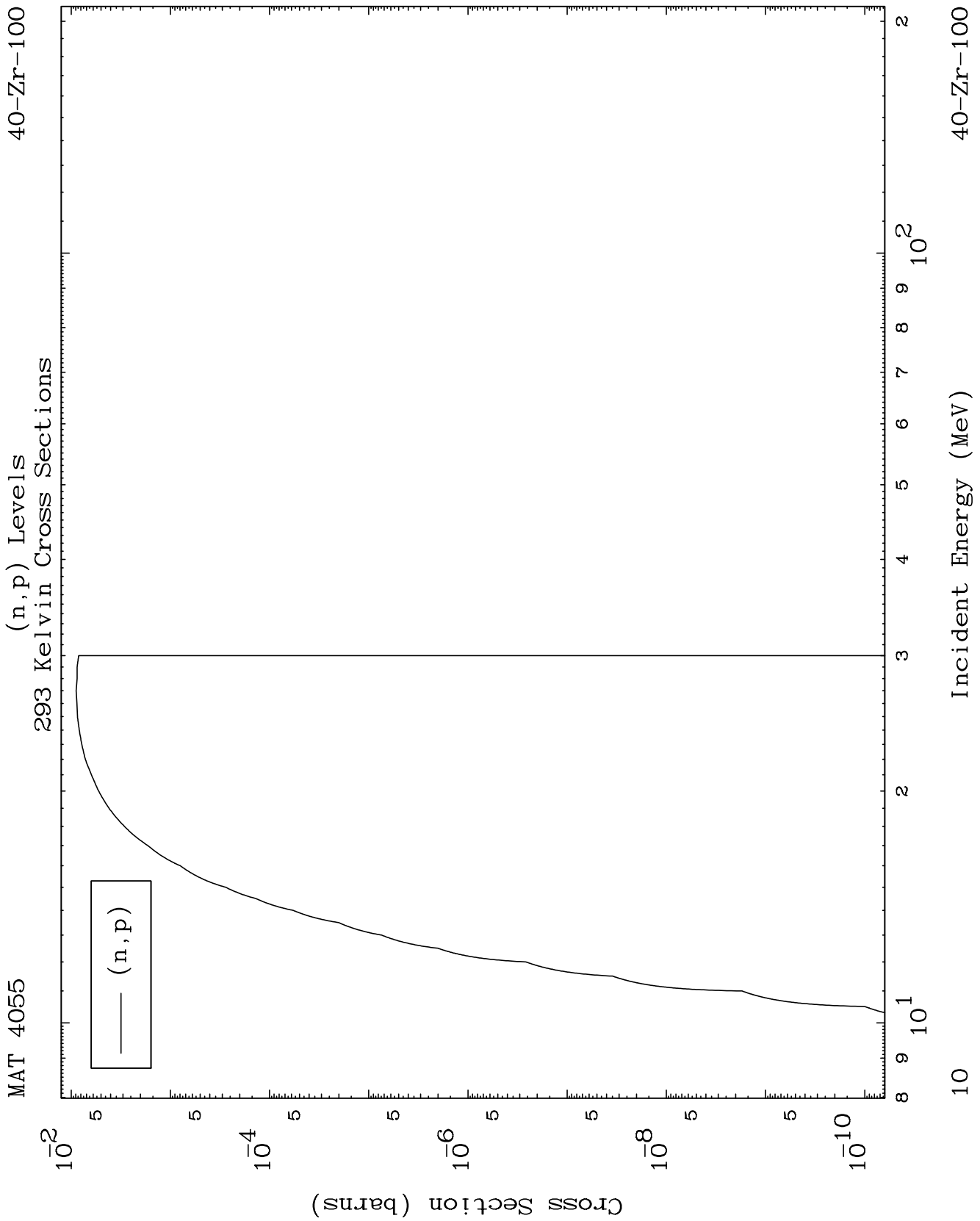
293 Kelvin Cross Sections

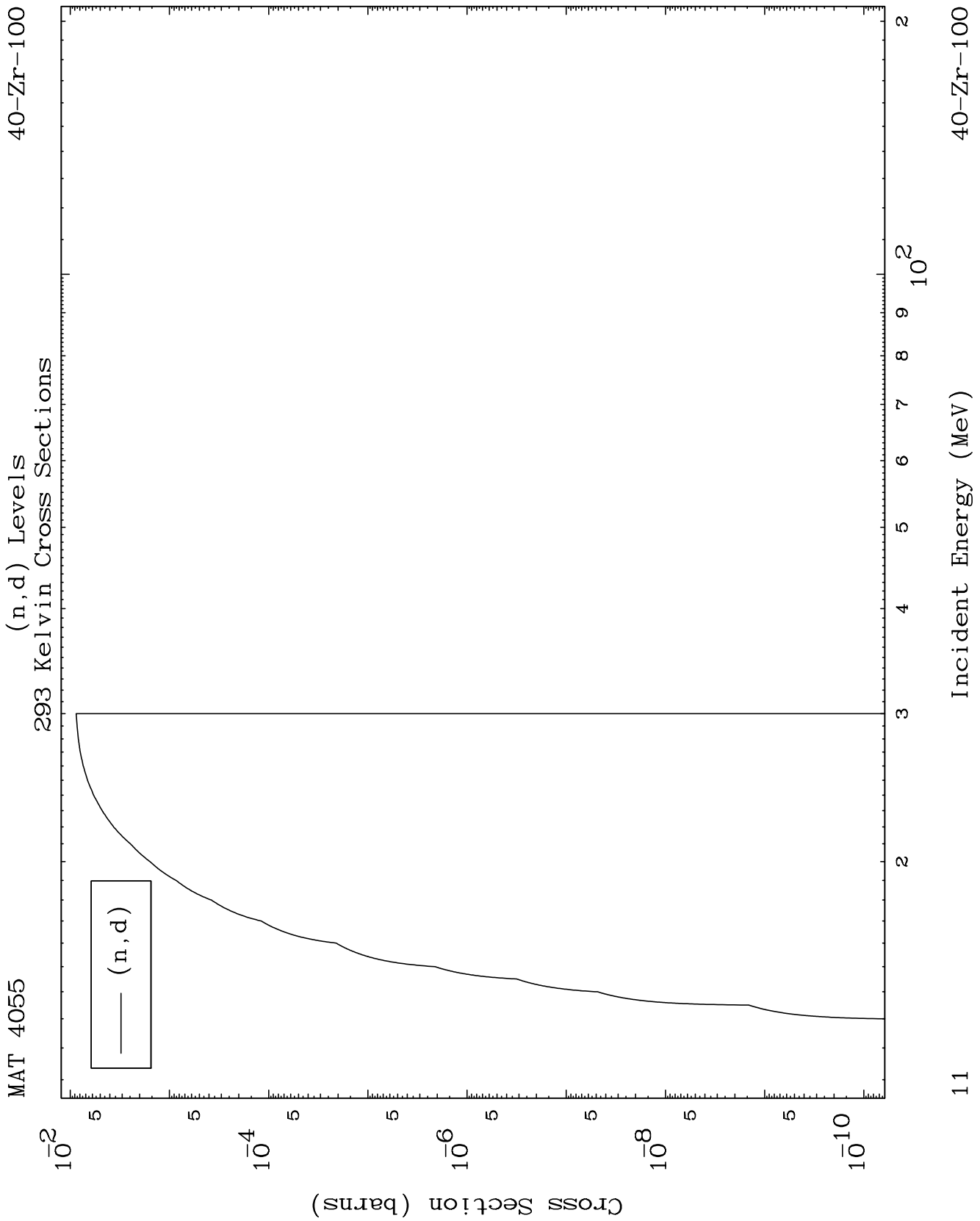


9

Incident Energy (MeV)

40-Zr-100

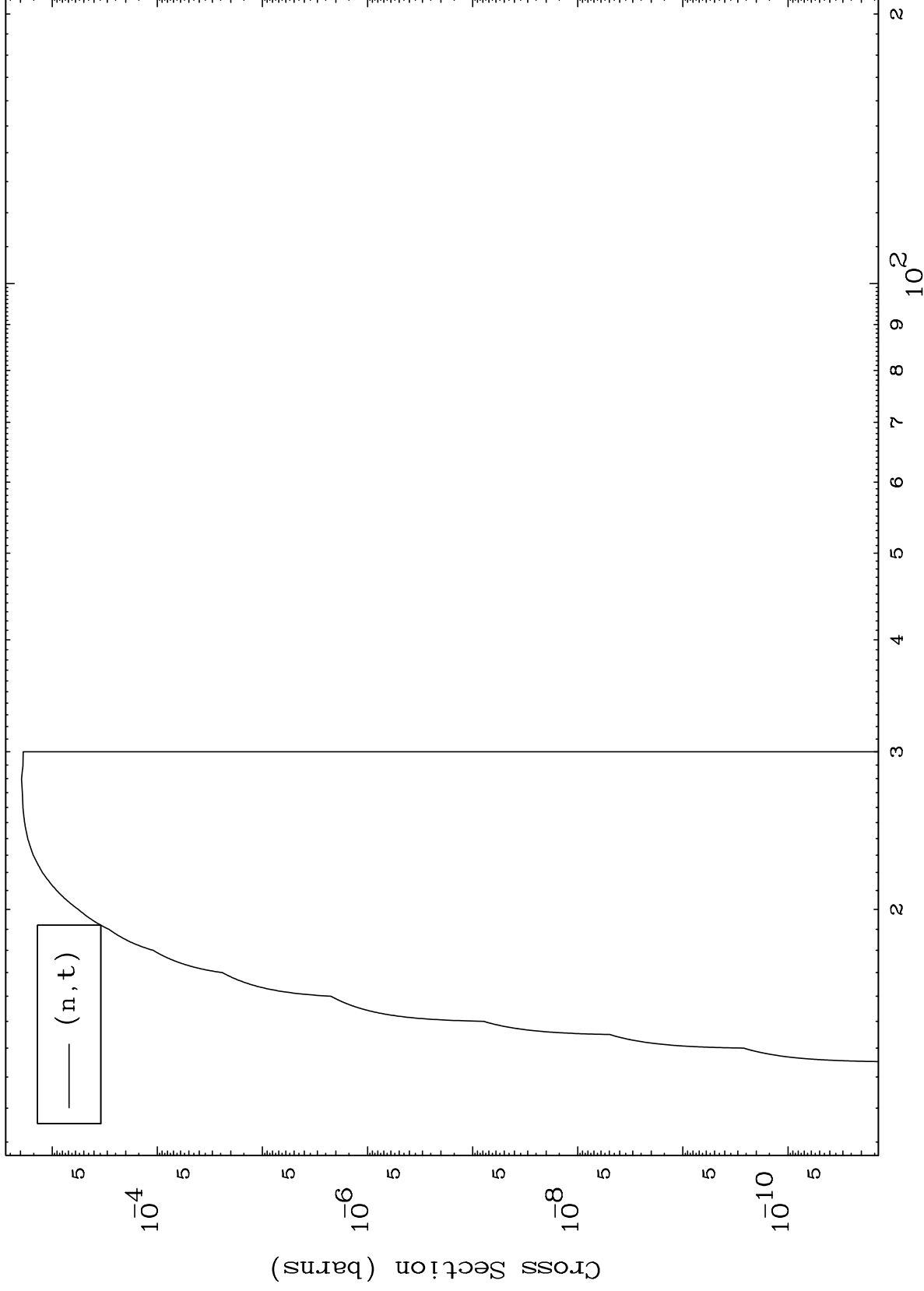




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(n,t) Levels
293 Kelvin Cross Sections

40-Zr-100



12

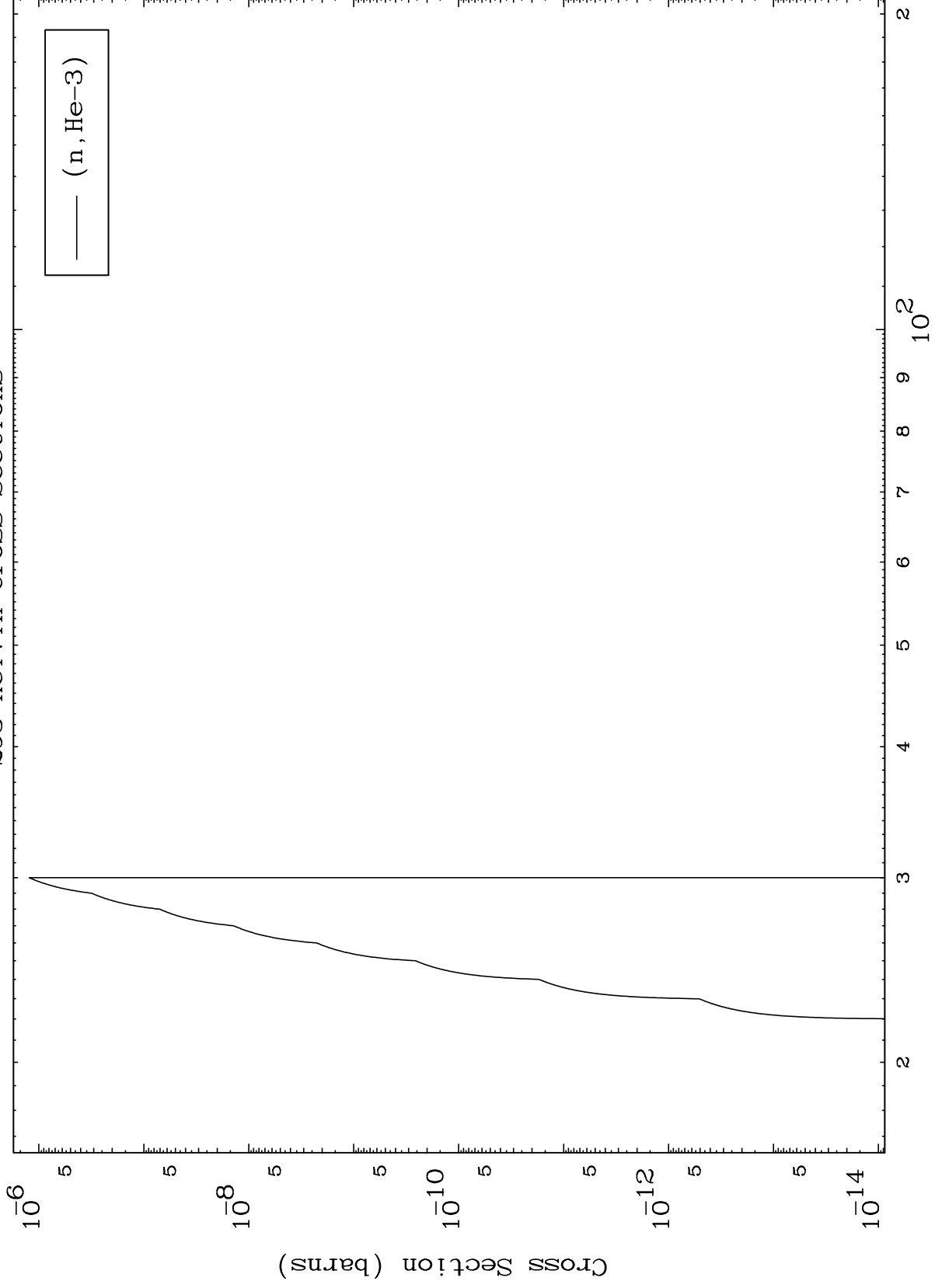
Incident Energy (MeV)

40-Zr-100

MAT 4055

(n,He3) Levels
293 Kelvin Cross Sections

40-Zr-100



13

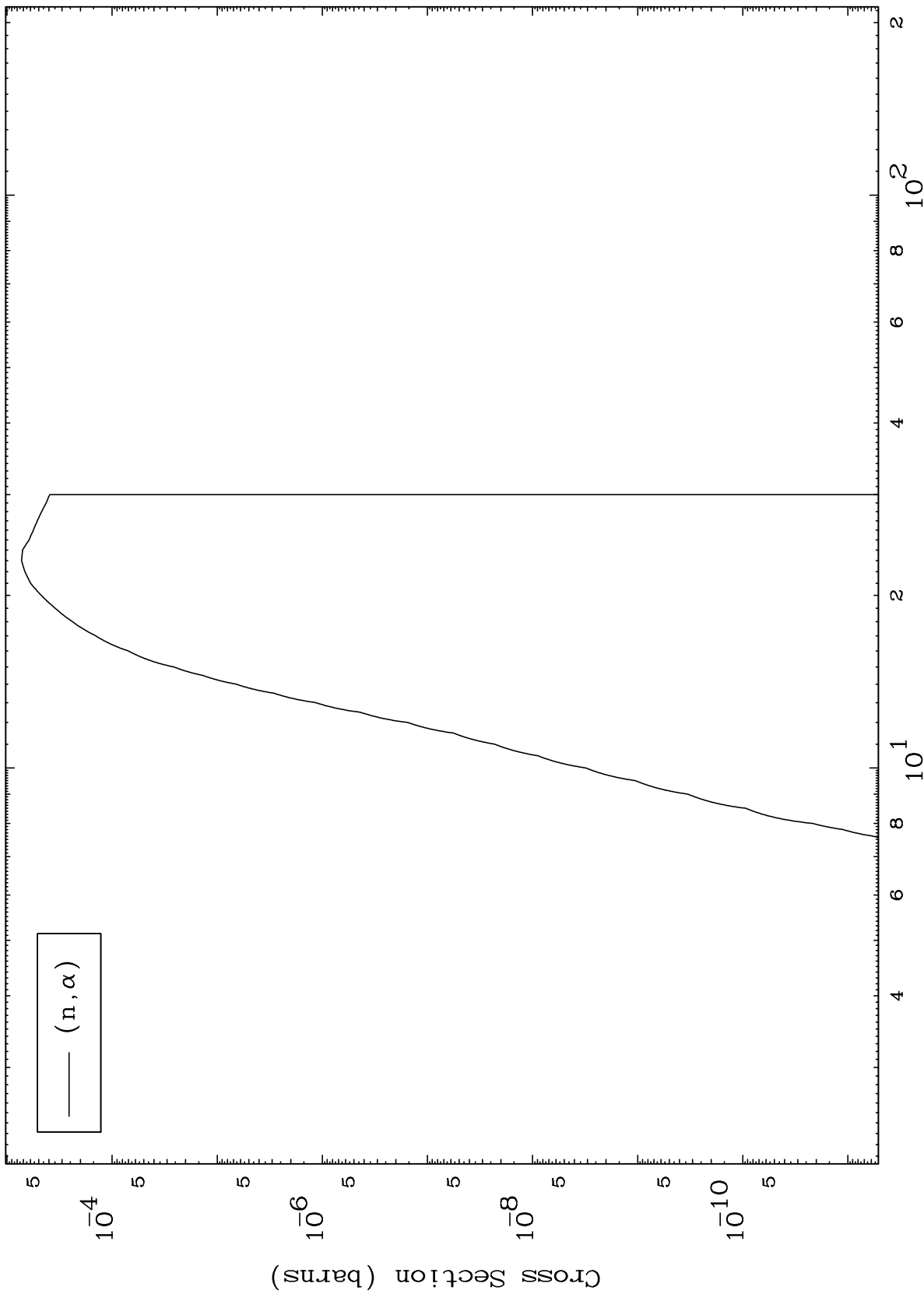
Incident Energy (MeV)

40-Zr-100

MAT 4055

40-Zr-100

(n, α) Levels
293 Kelvin Cross Sections



40-Zr-100

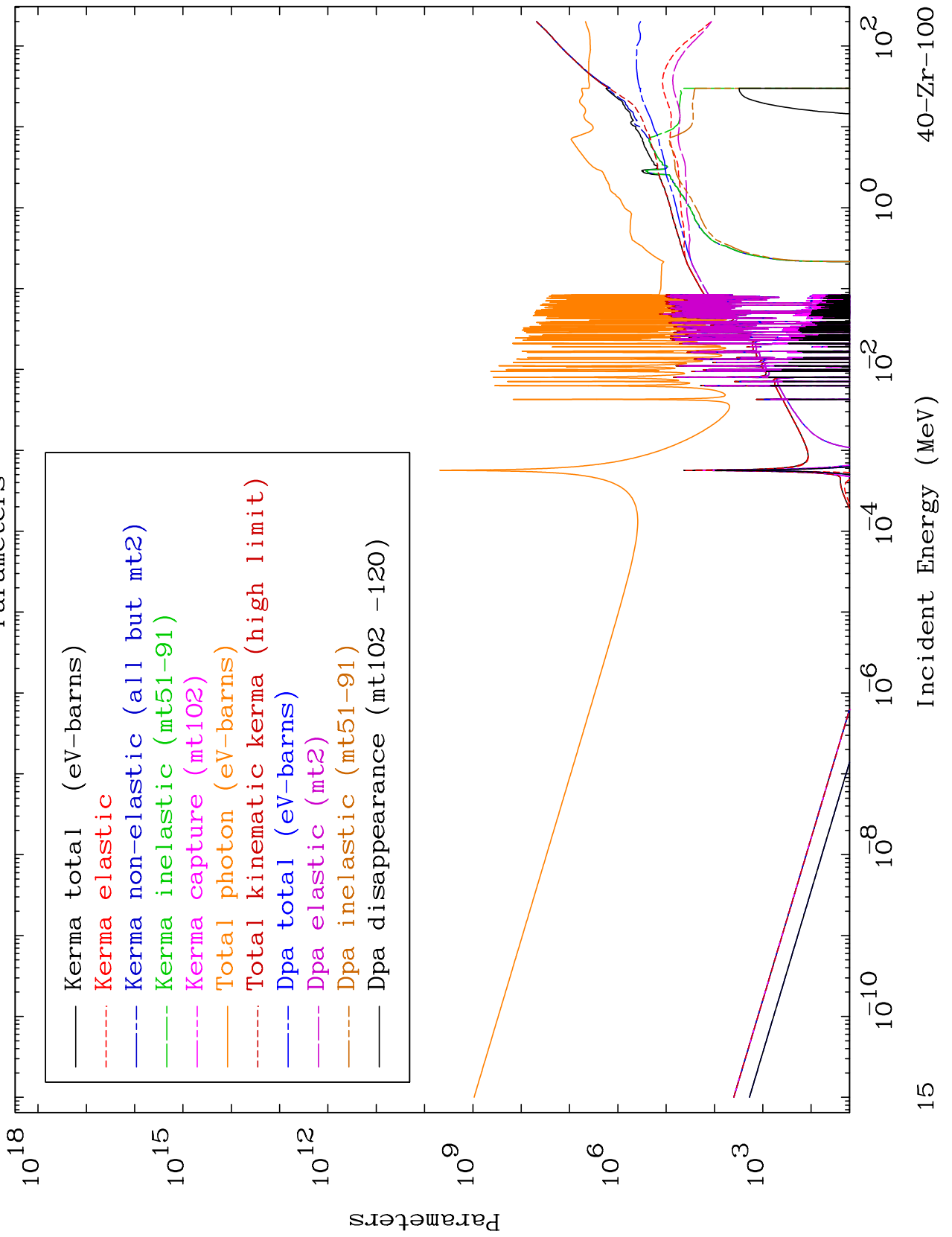
Incident Energy (MeV)

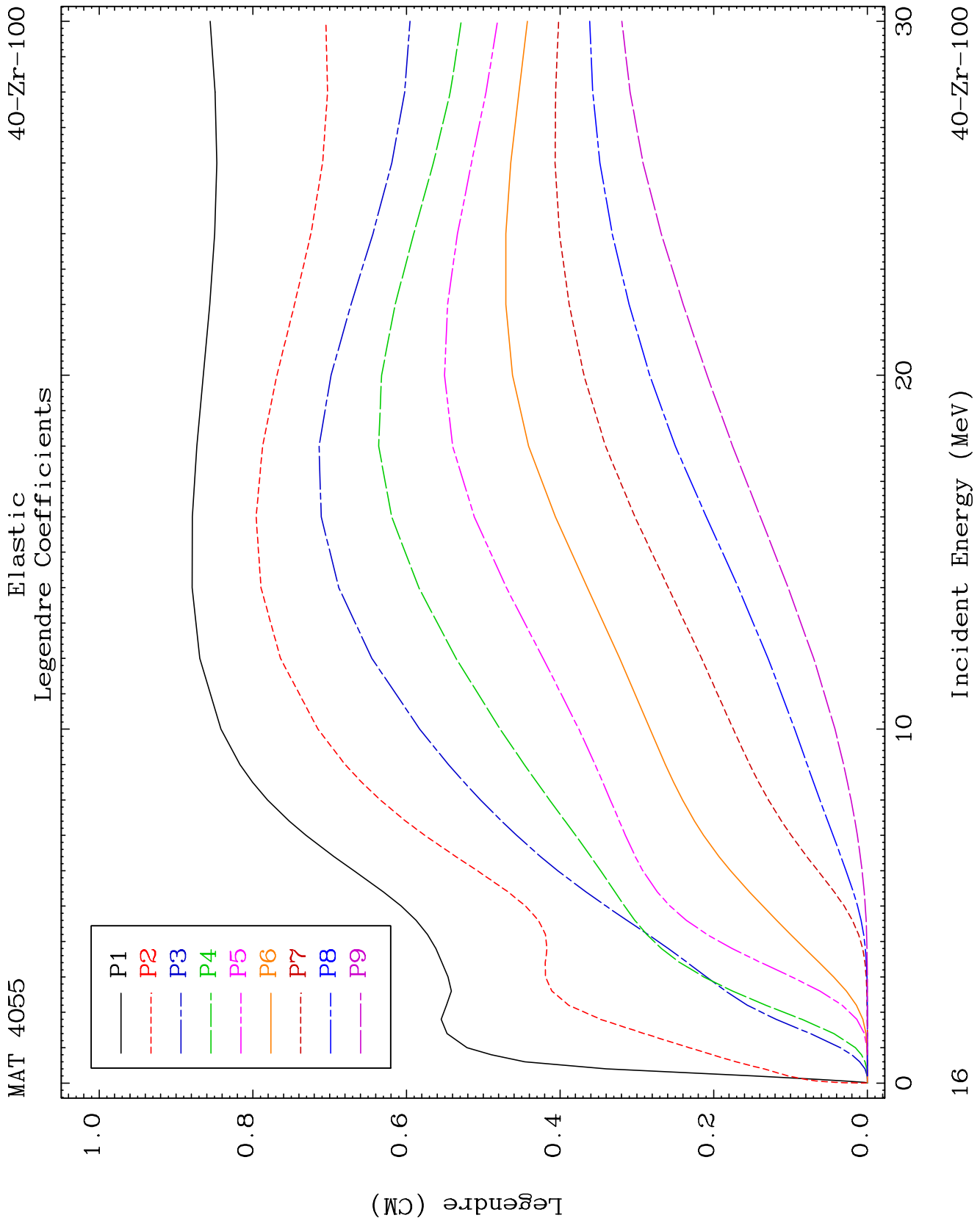
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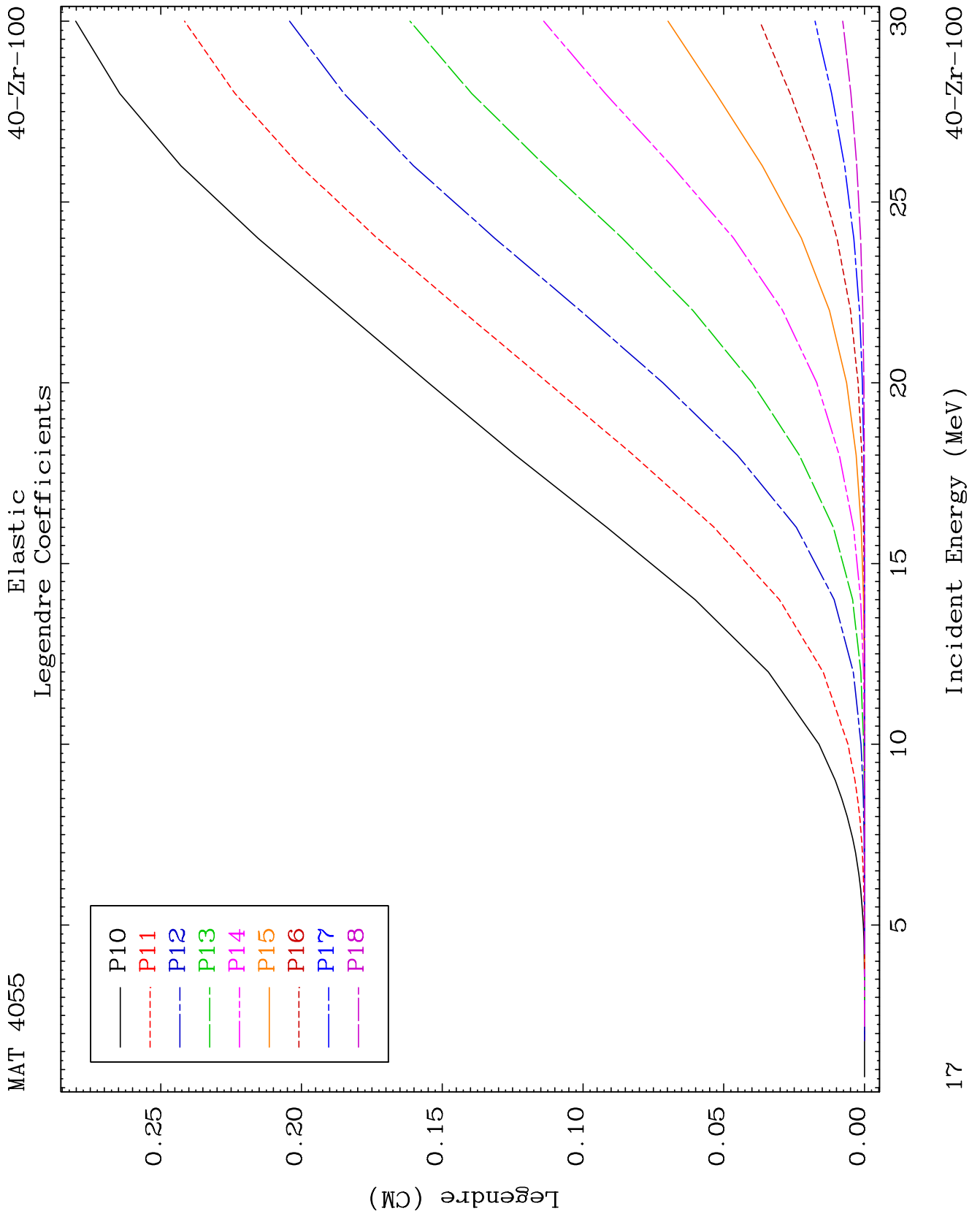
MAT 4055

Energy Release
Parameters

40-Zr-100



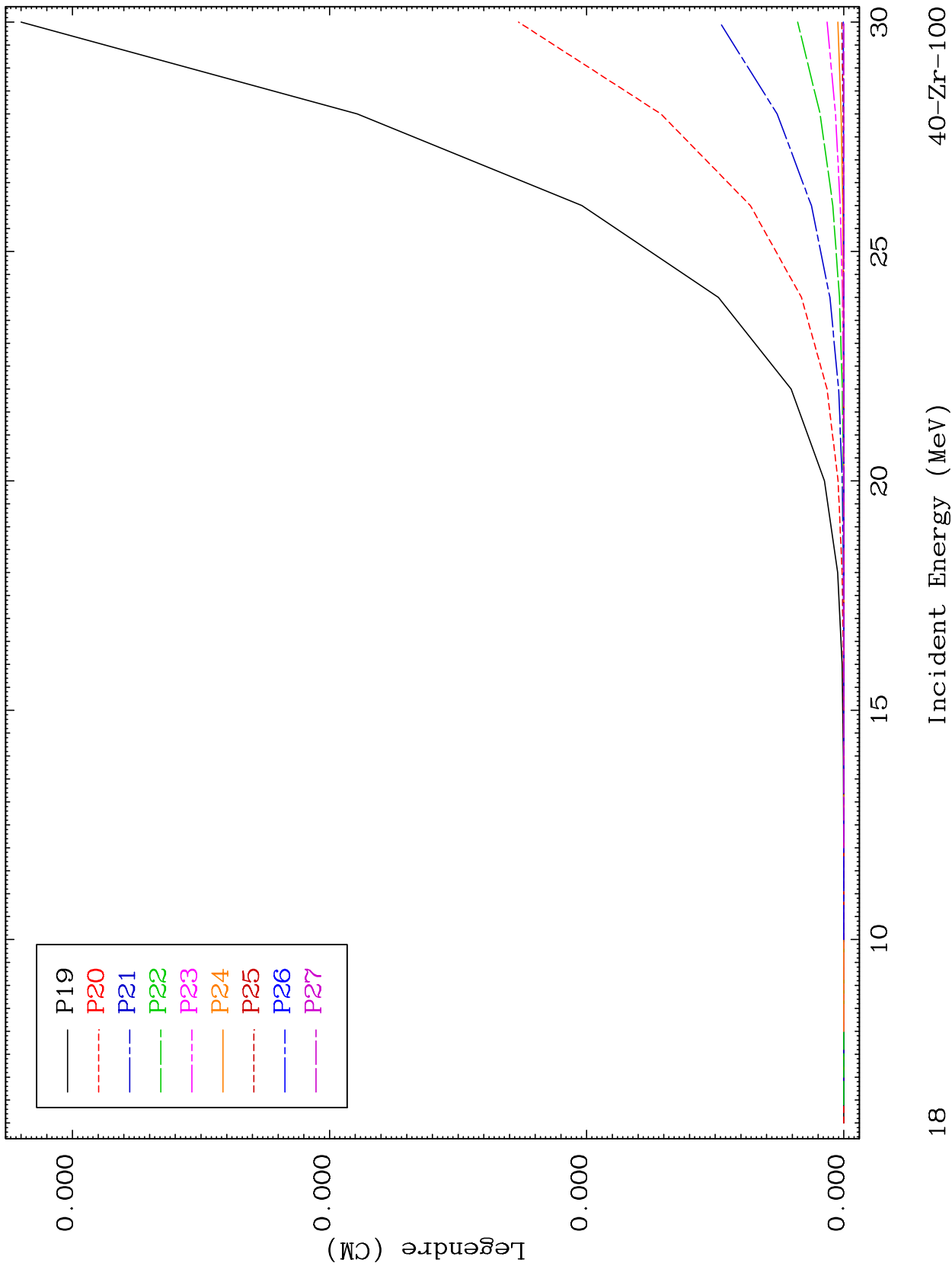




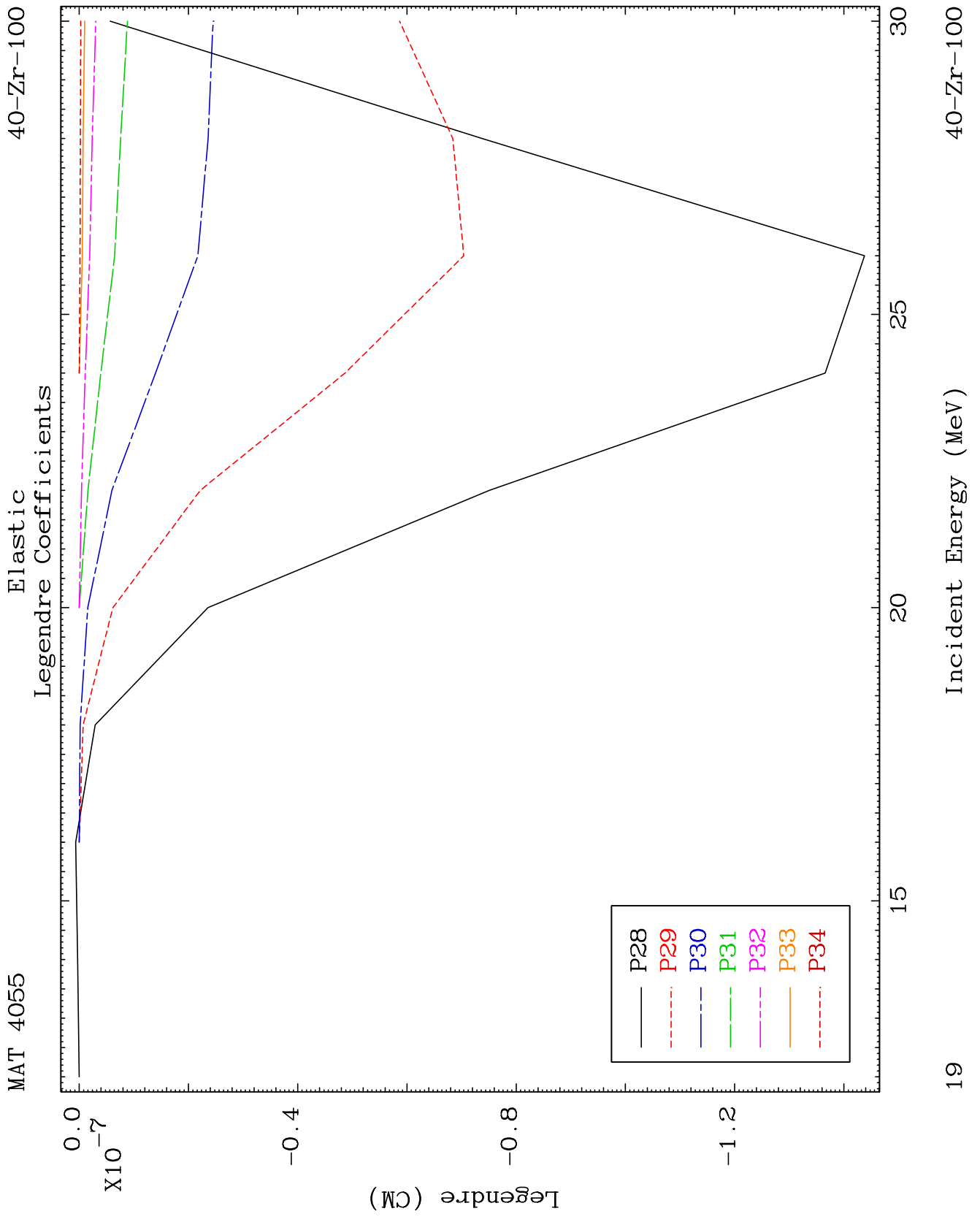
MAT 4055

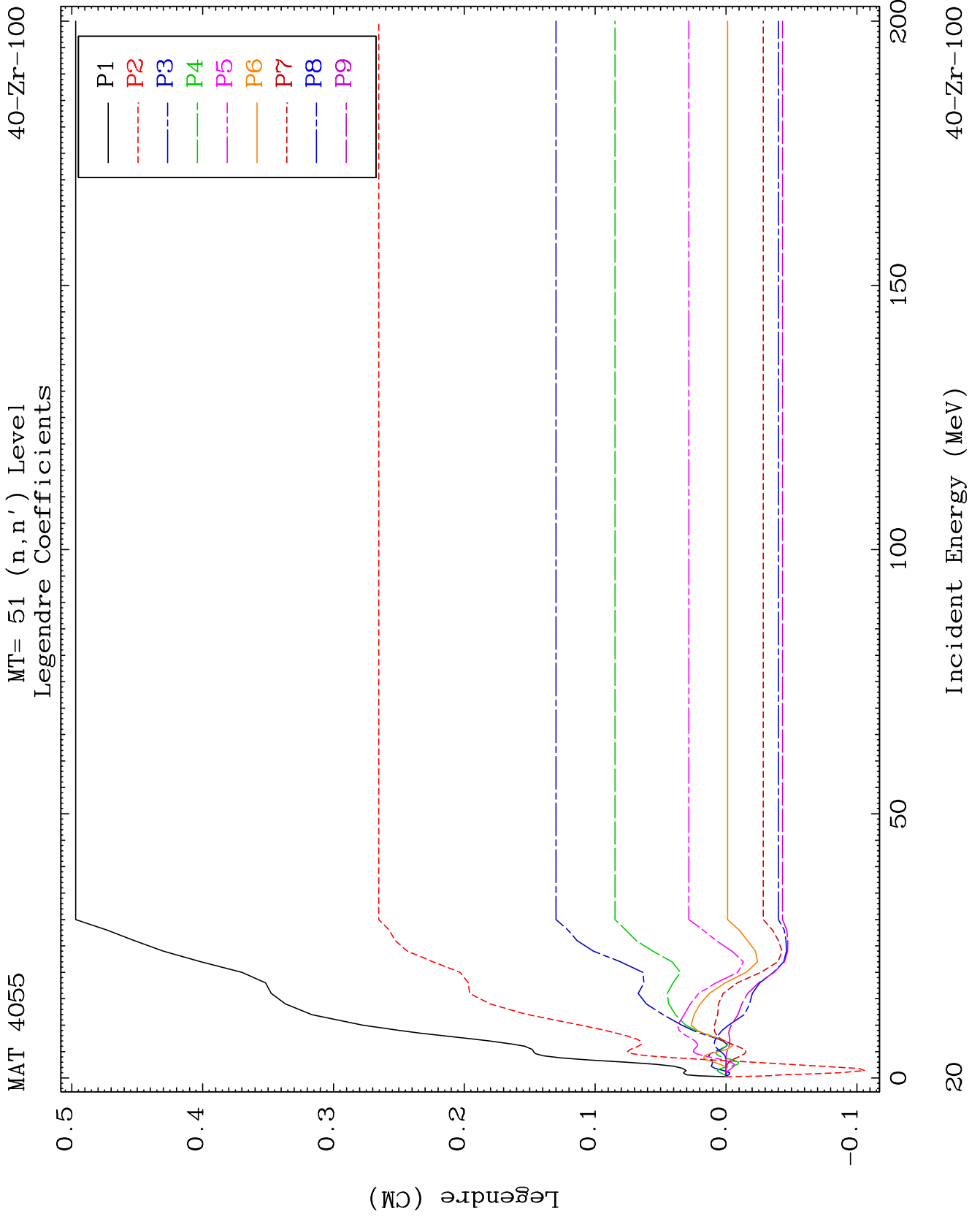
Elastic Legendre Coefficients

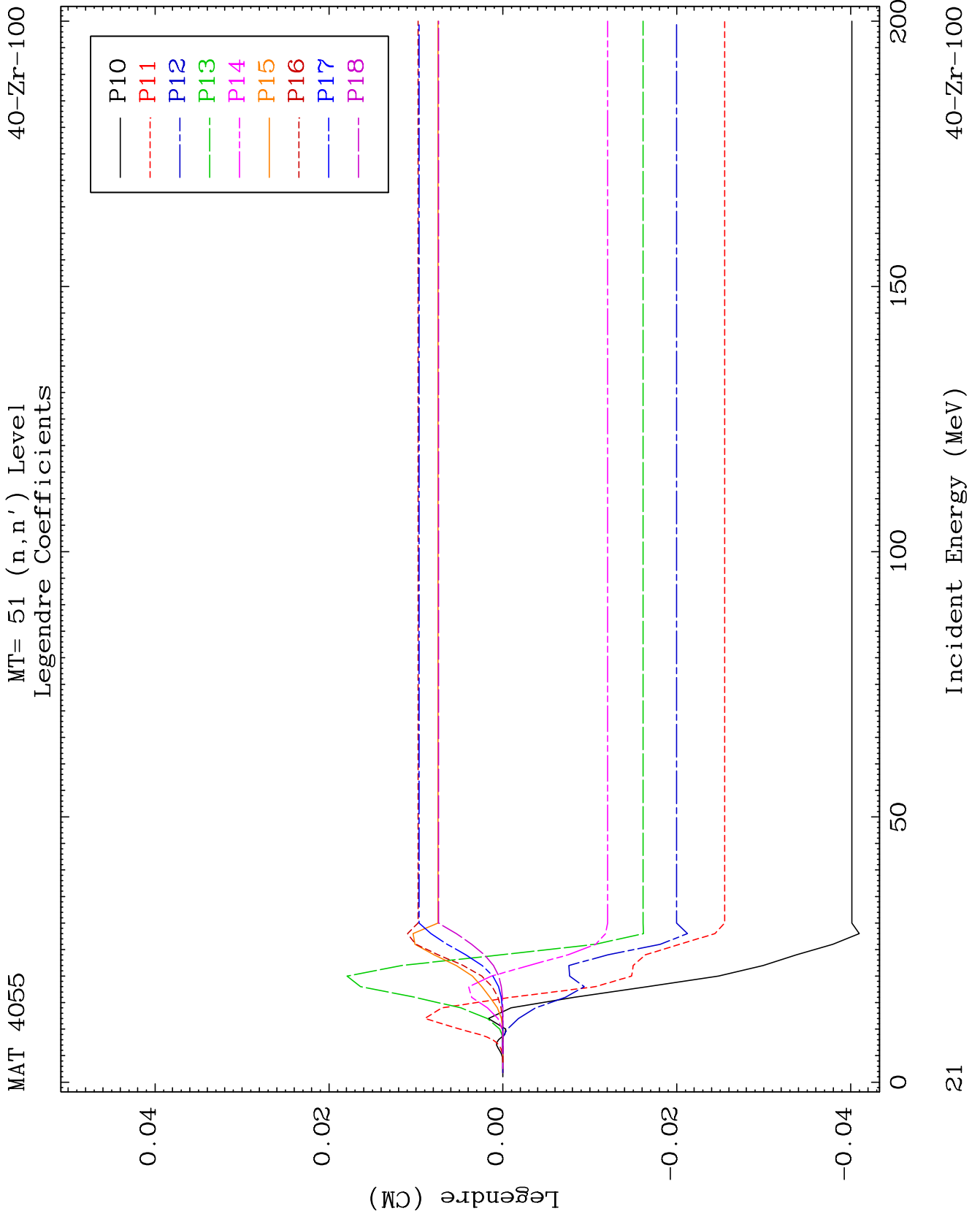
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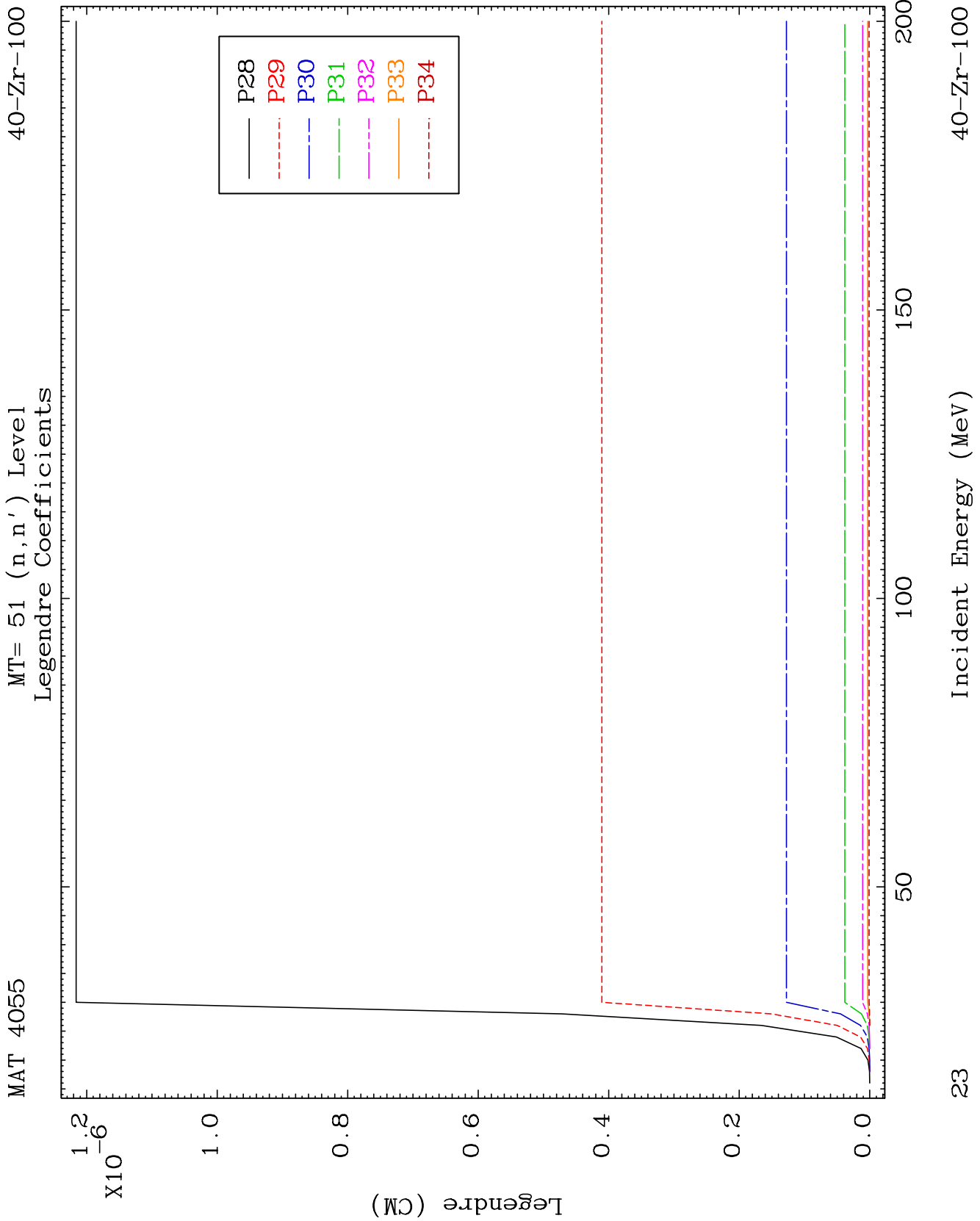


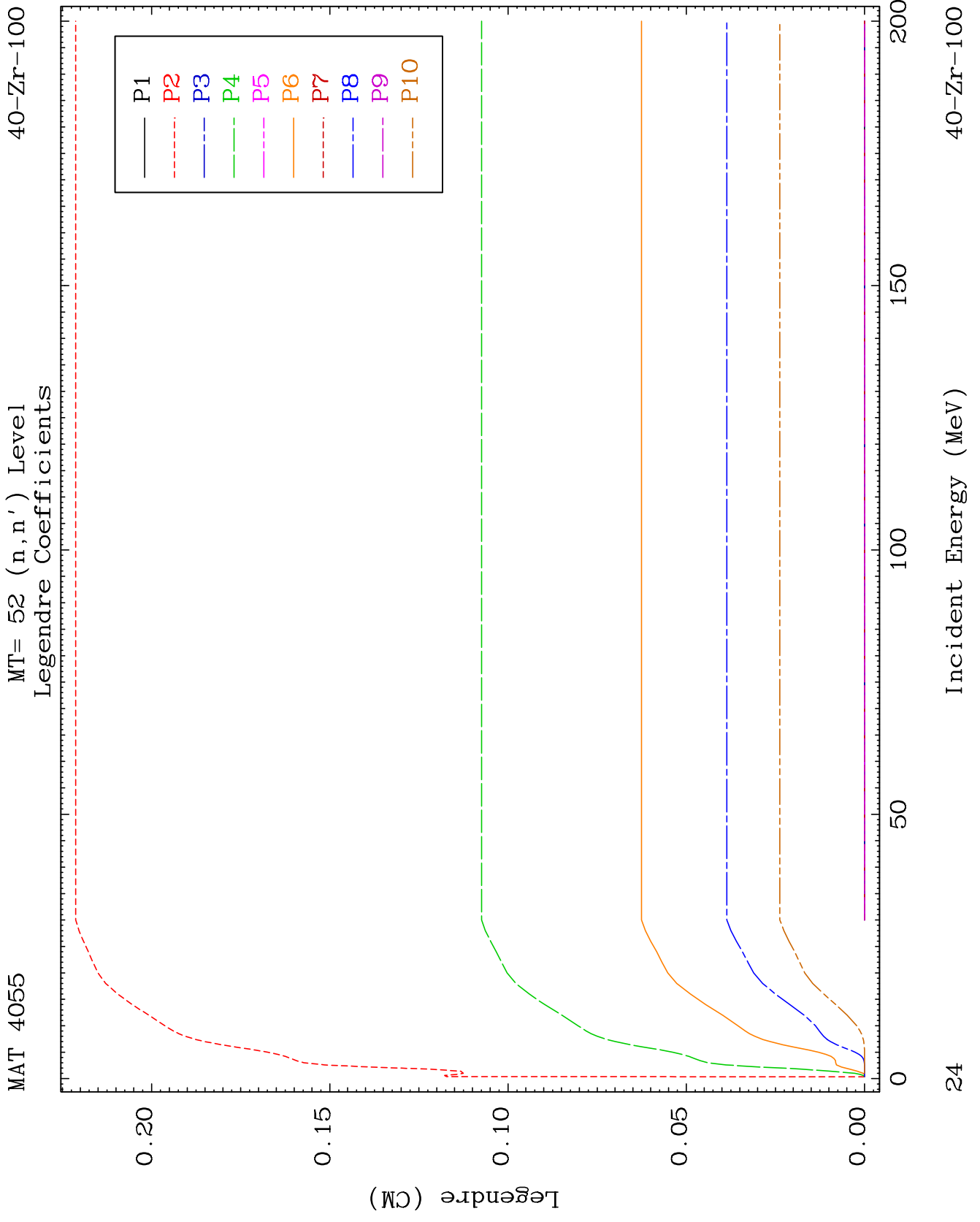
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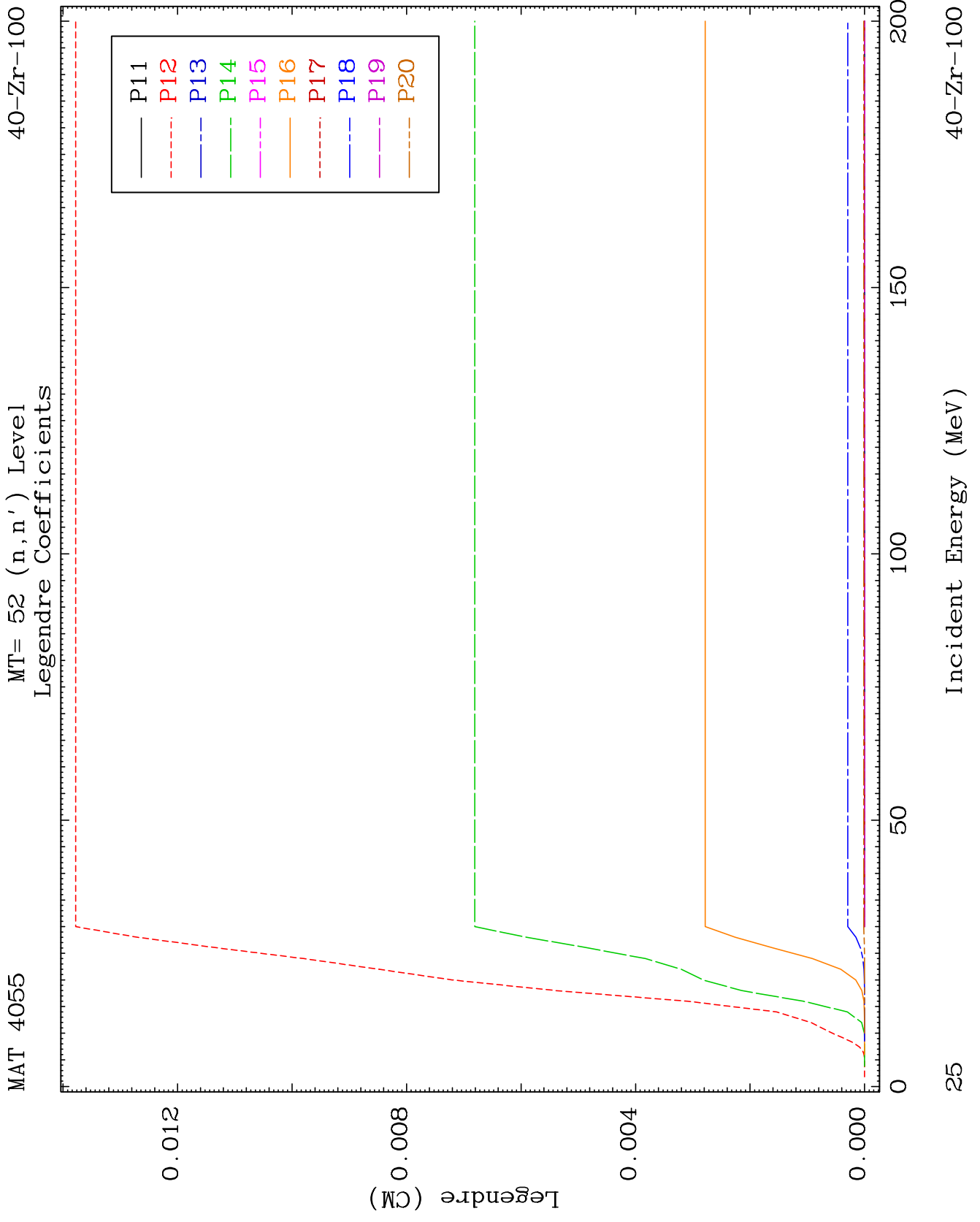


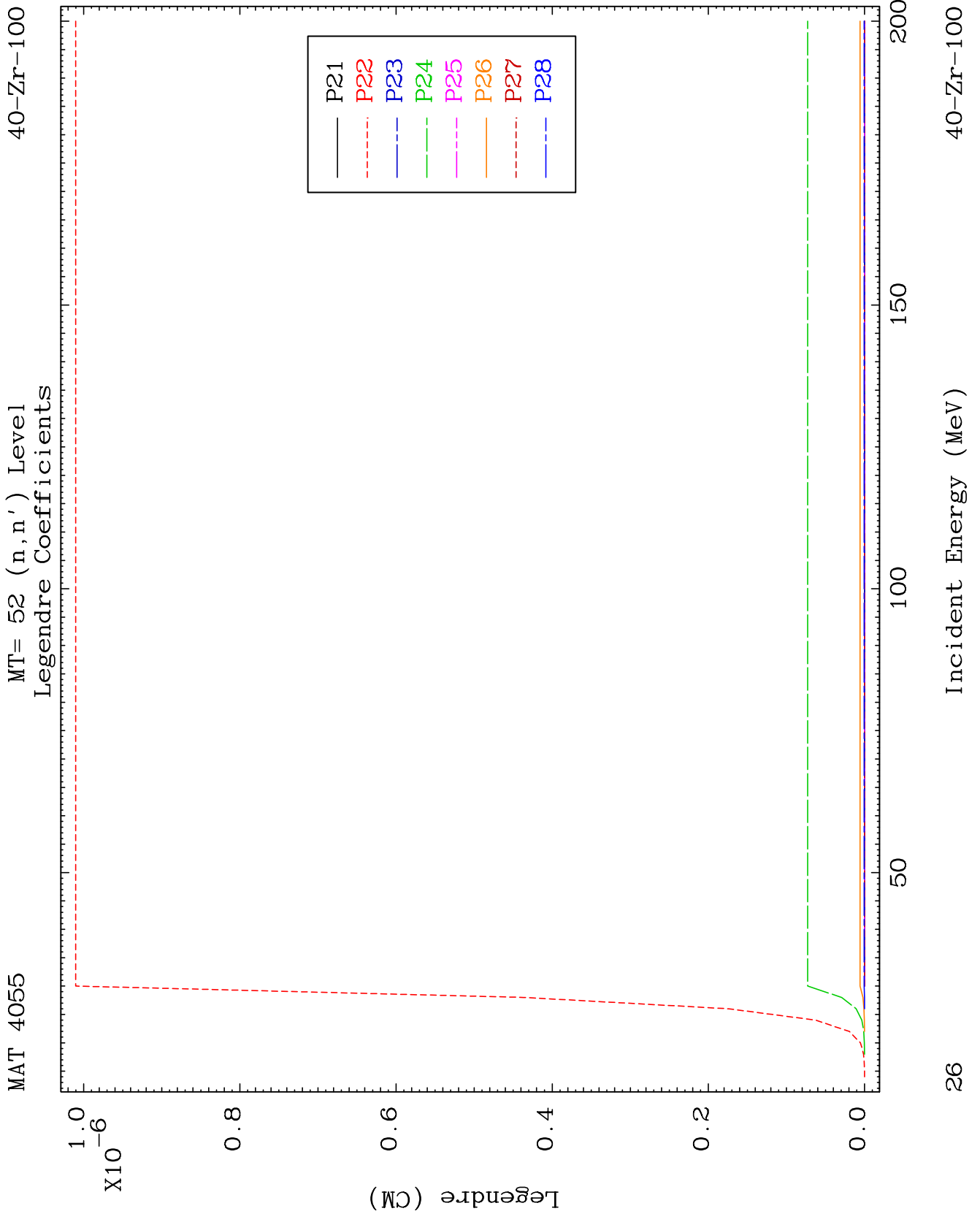


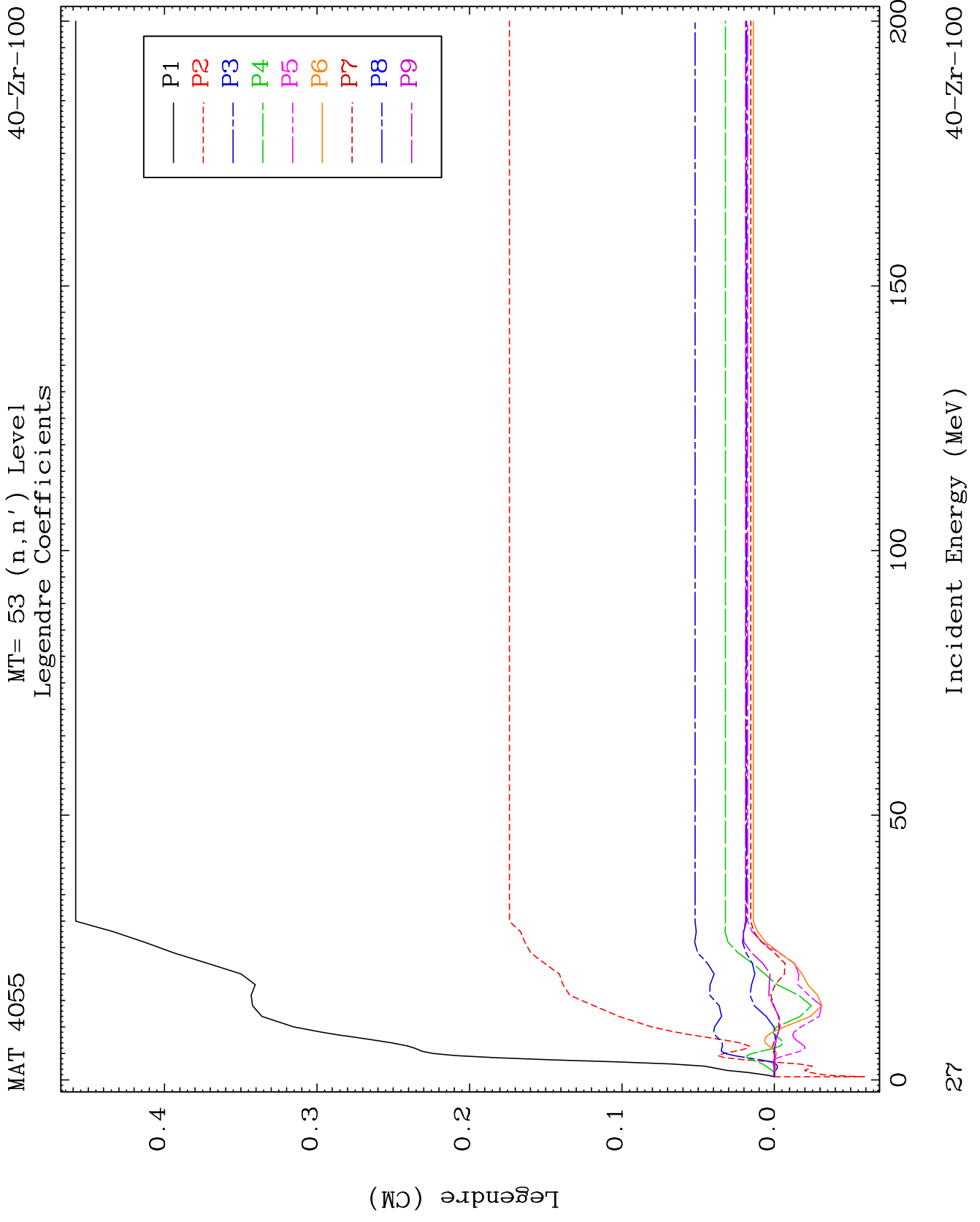


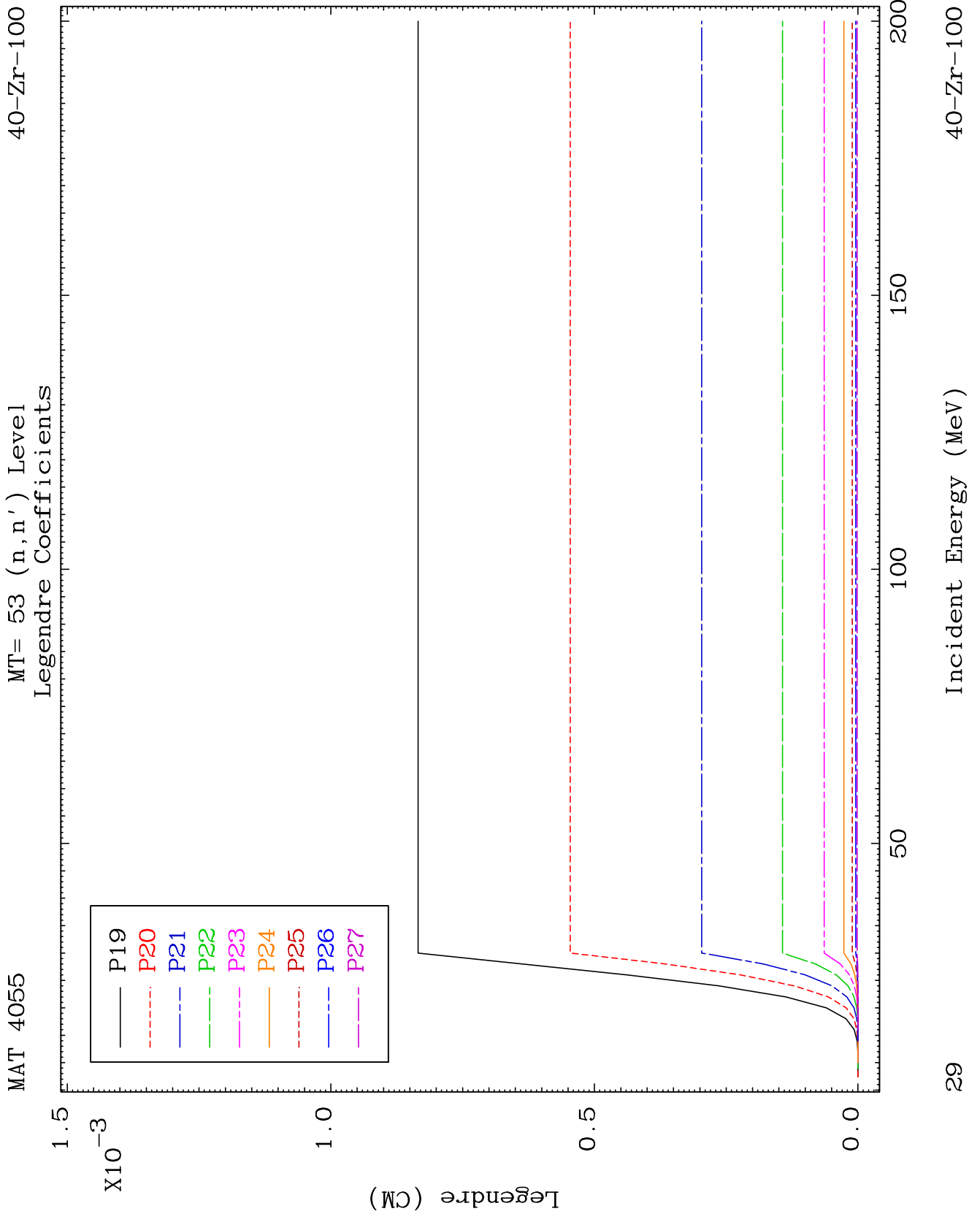


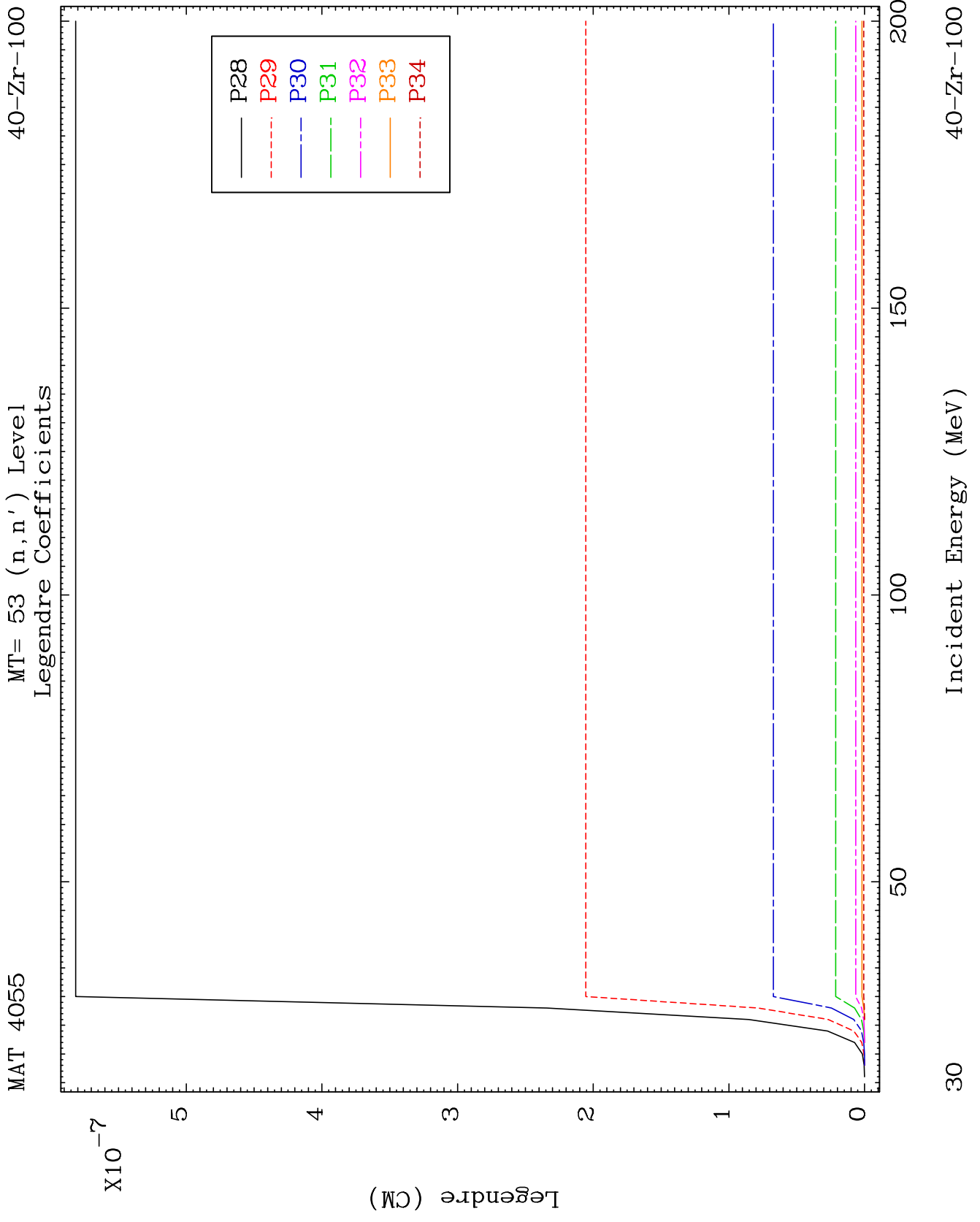


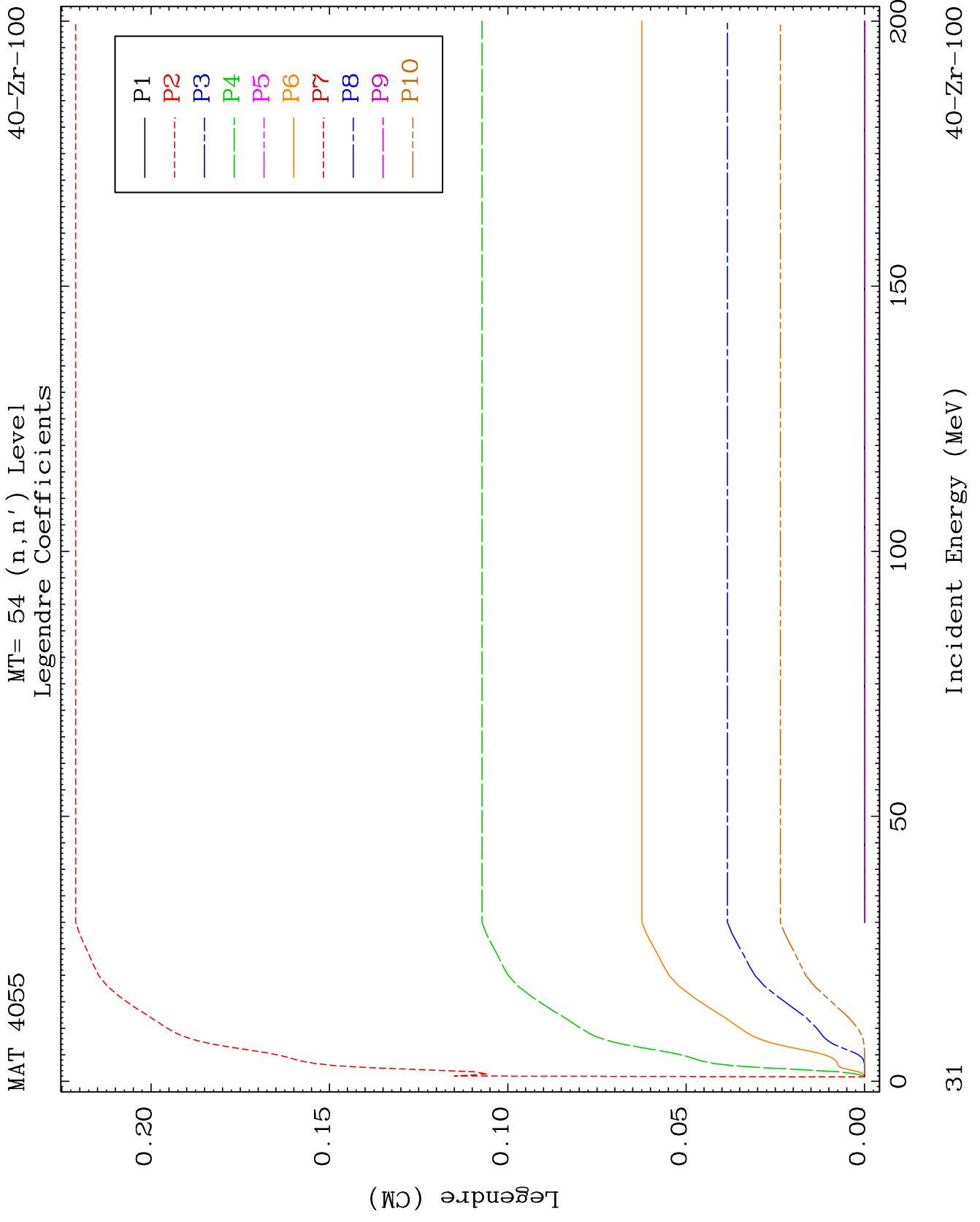


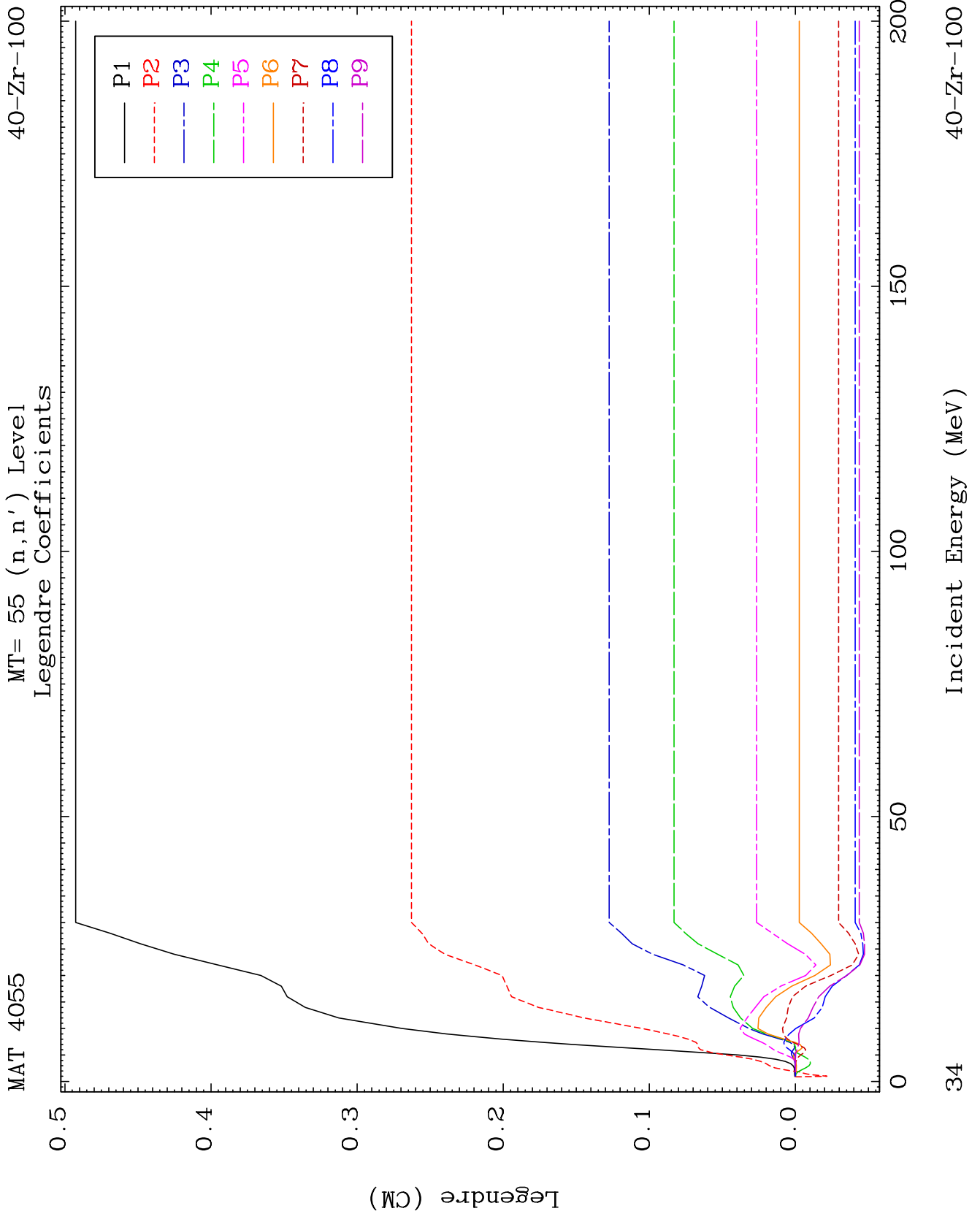


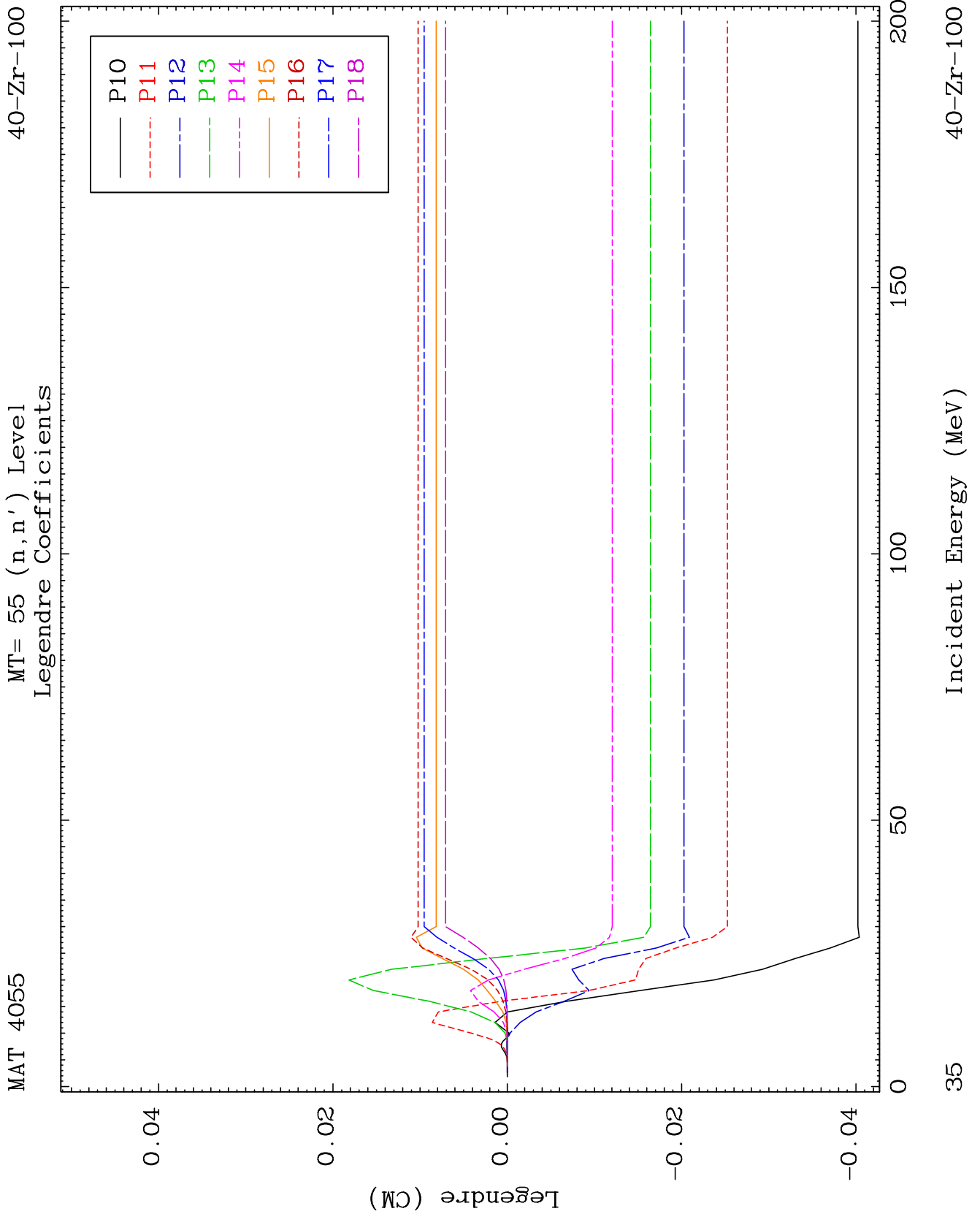


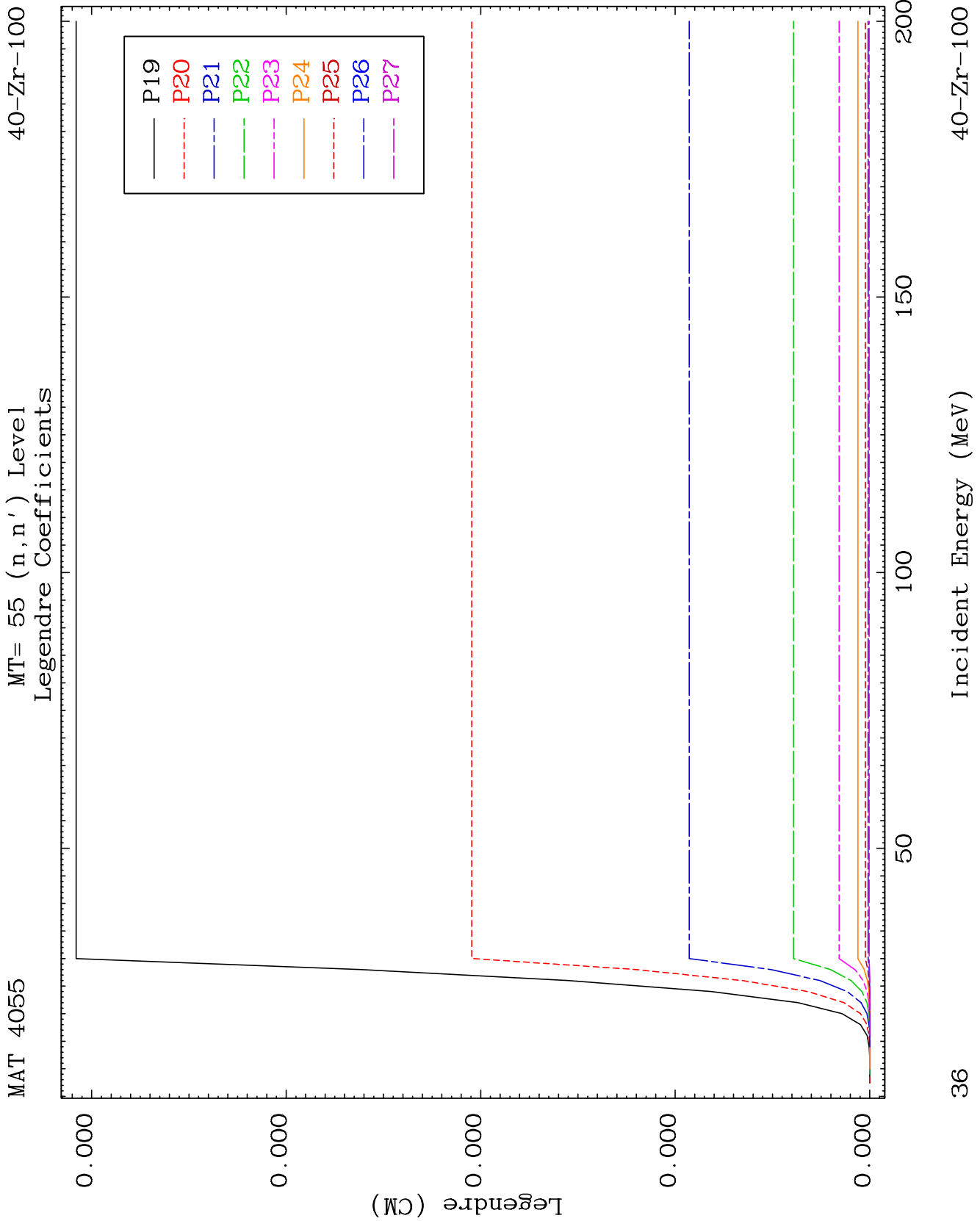


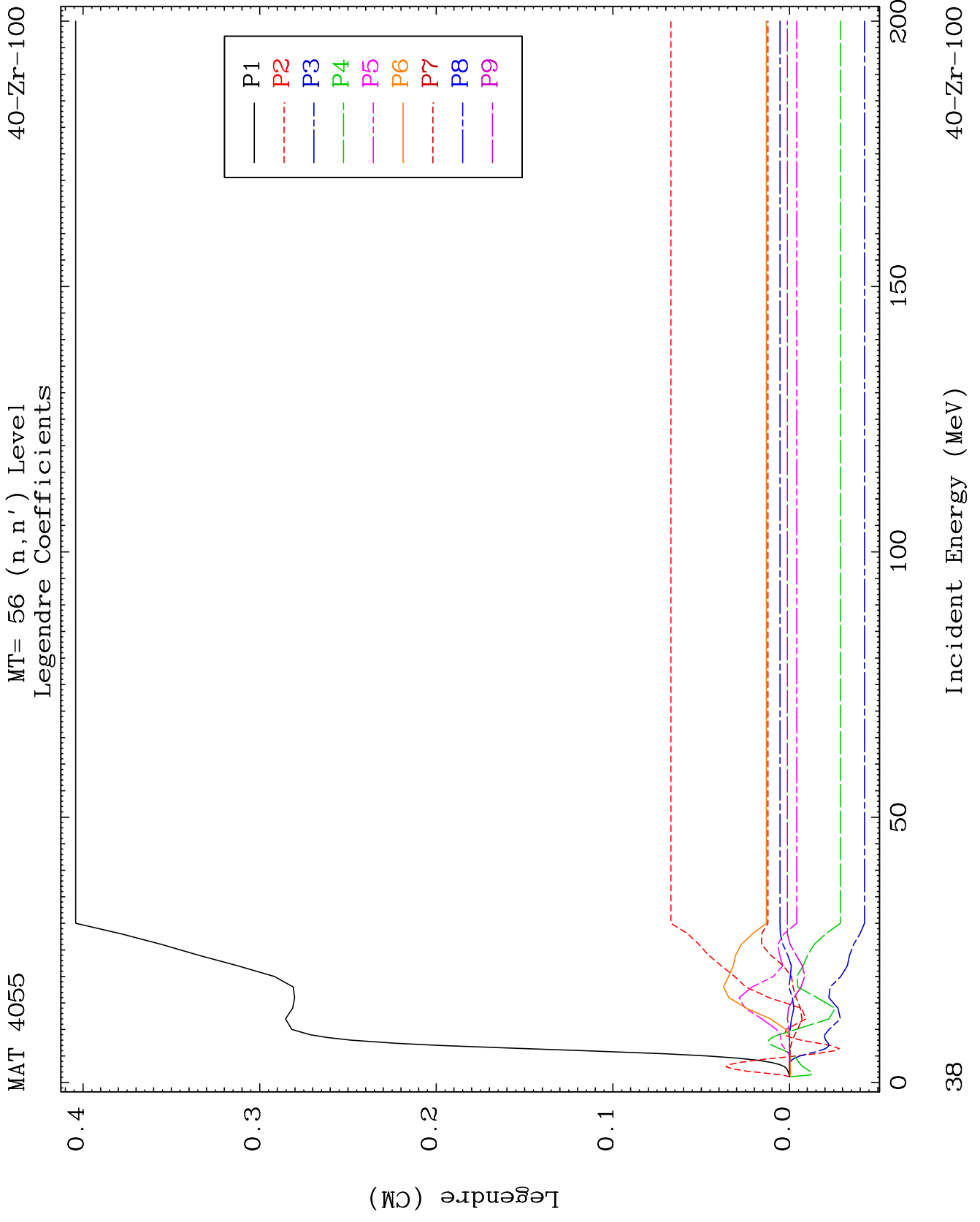








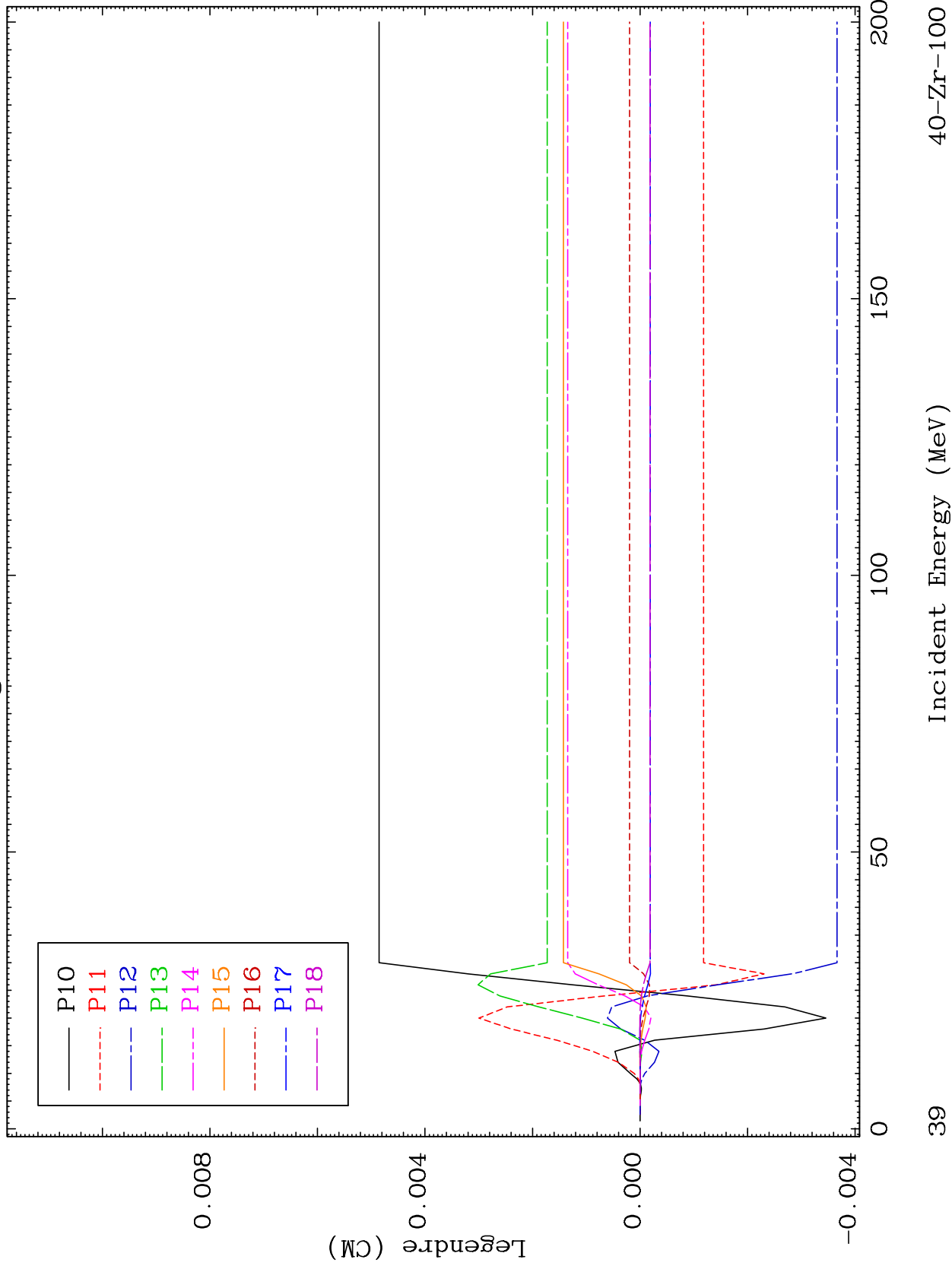




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MT= 56 (n,n') Level
Legendre Coefficients

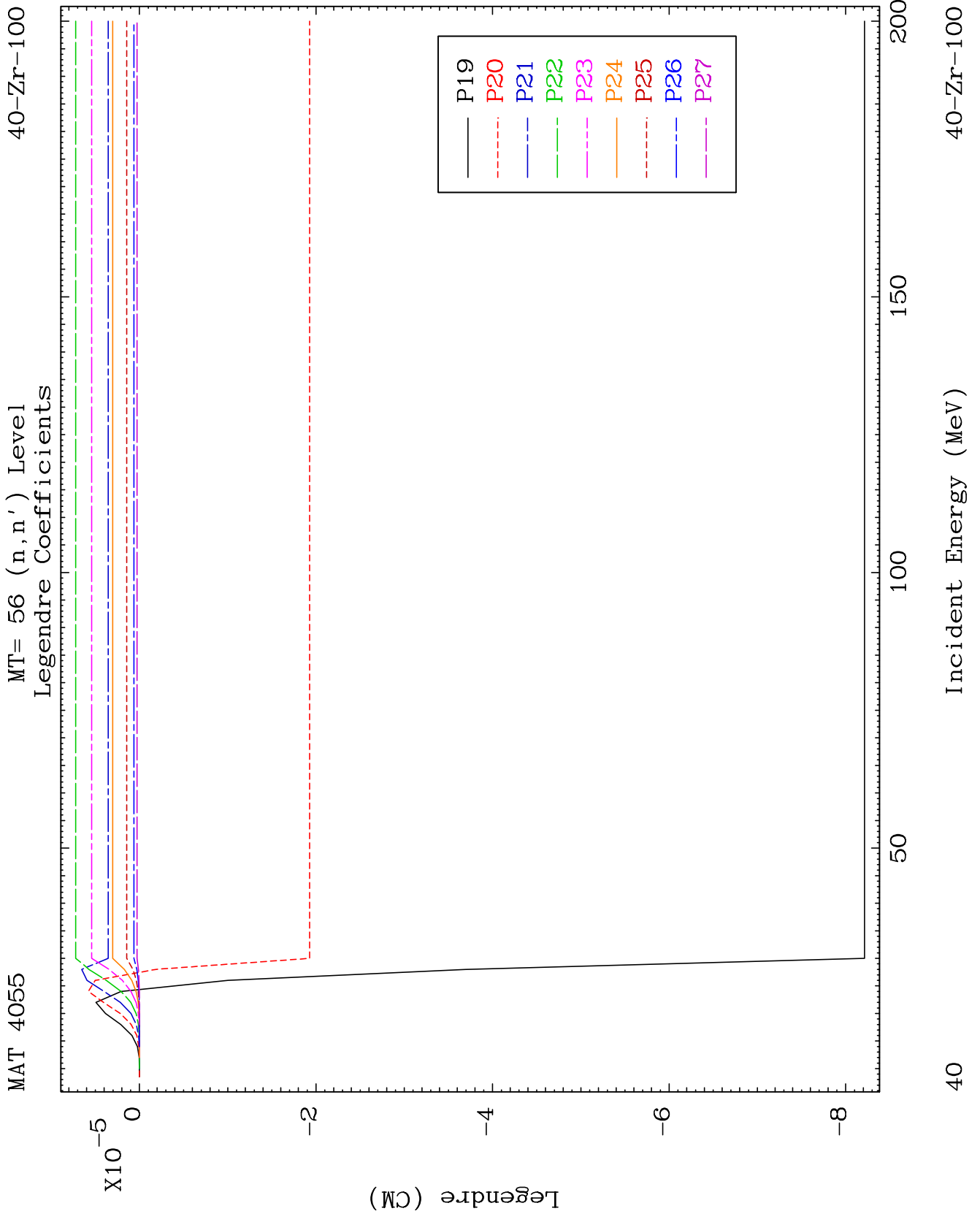
40-Zr-100

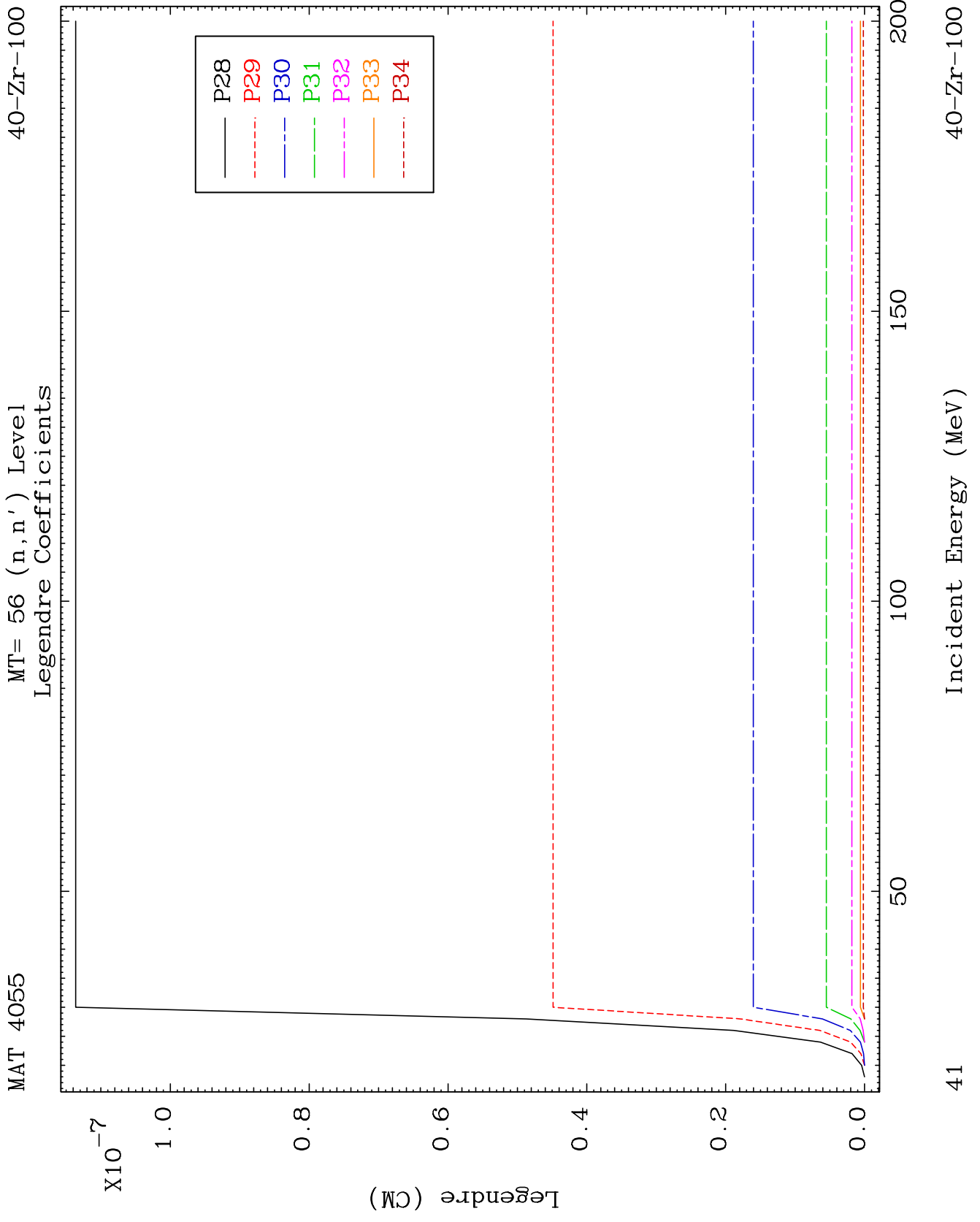


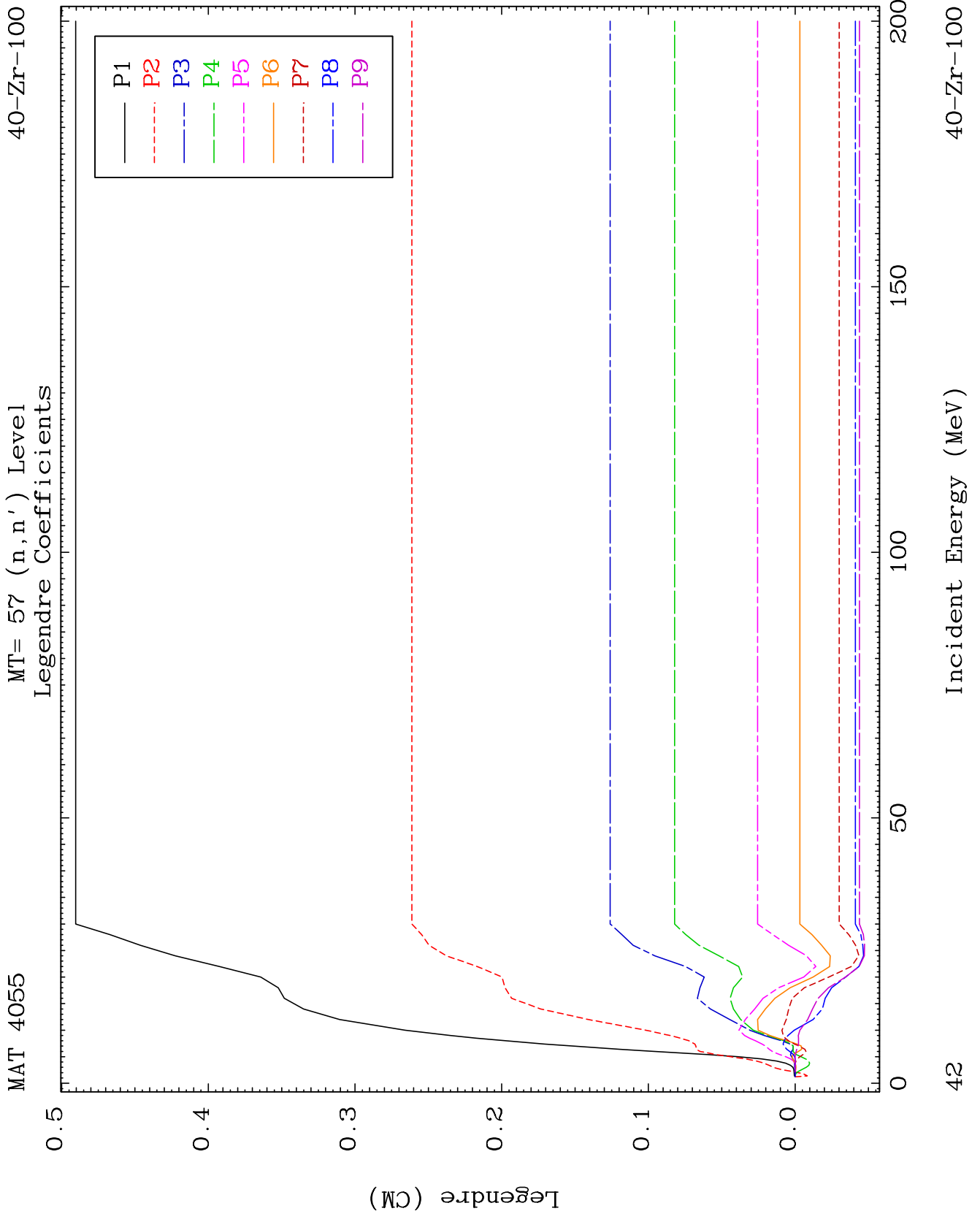
39

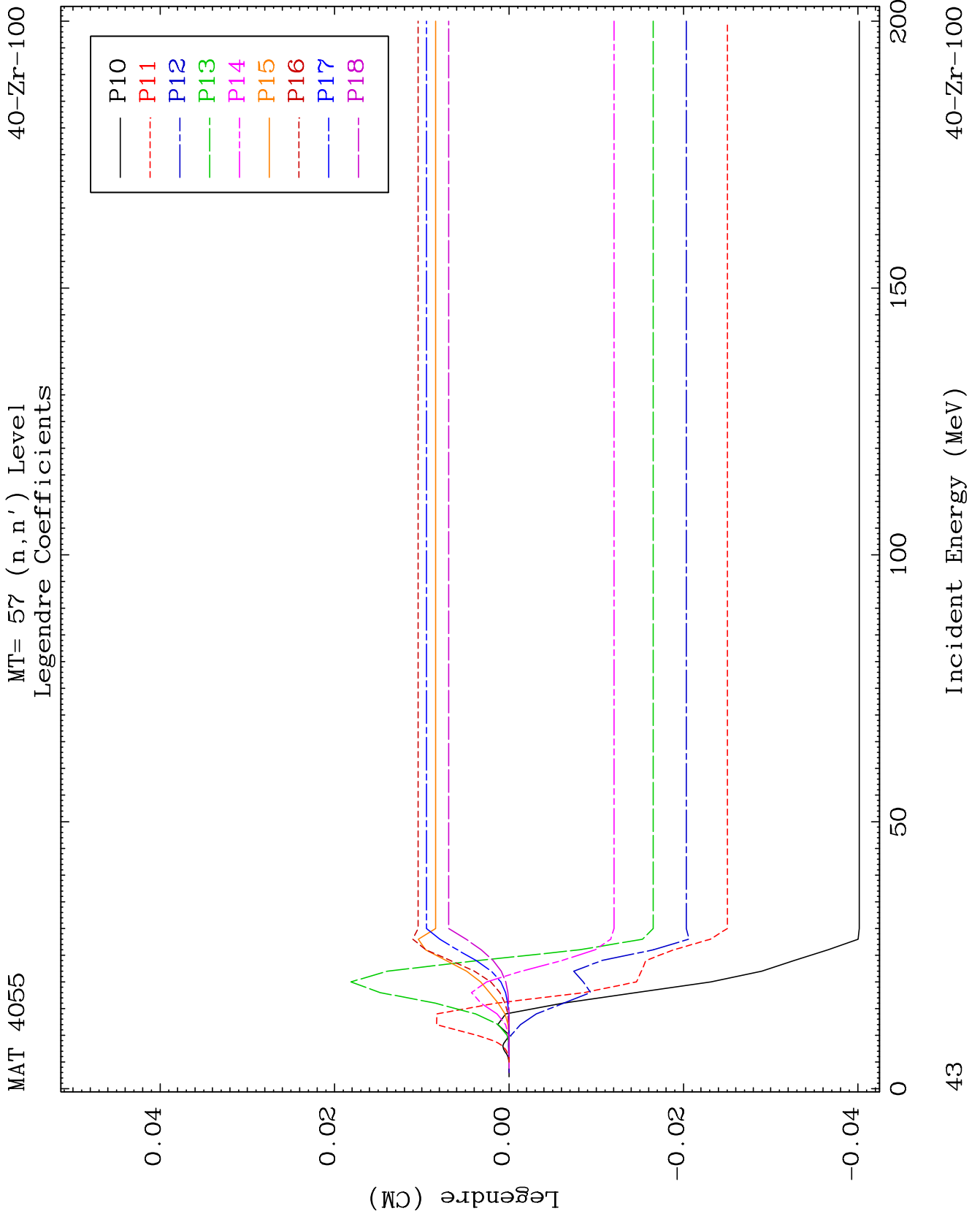
Incident Energy (MeV)

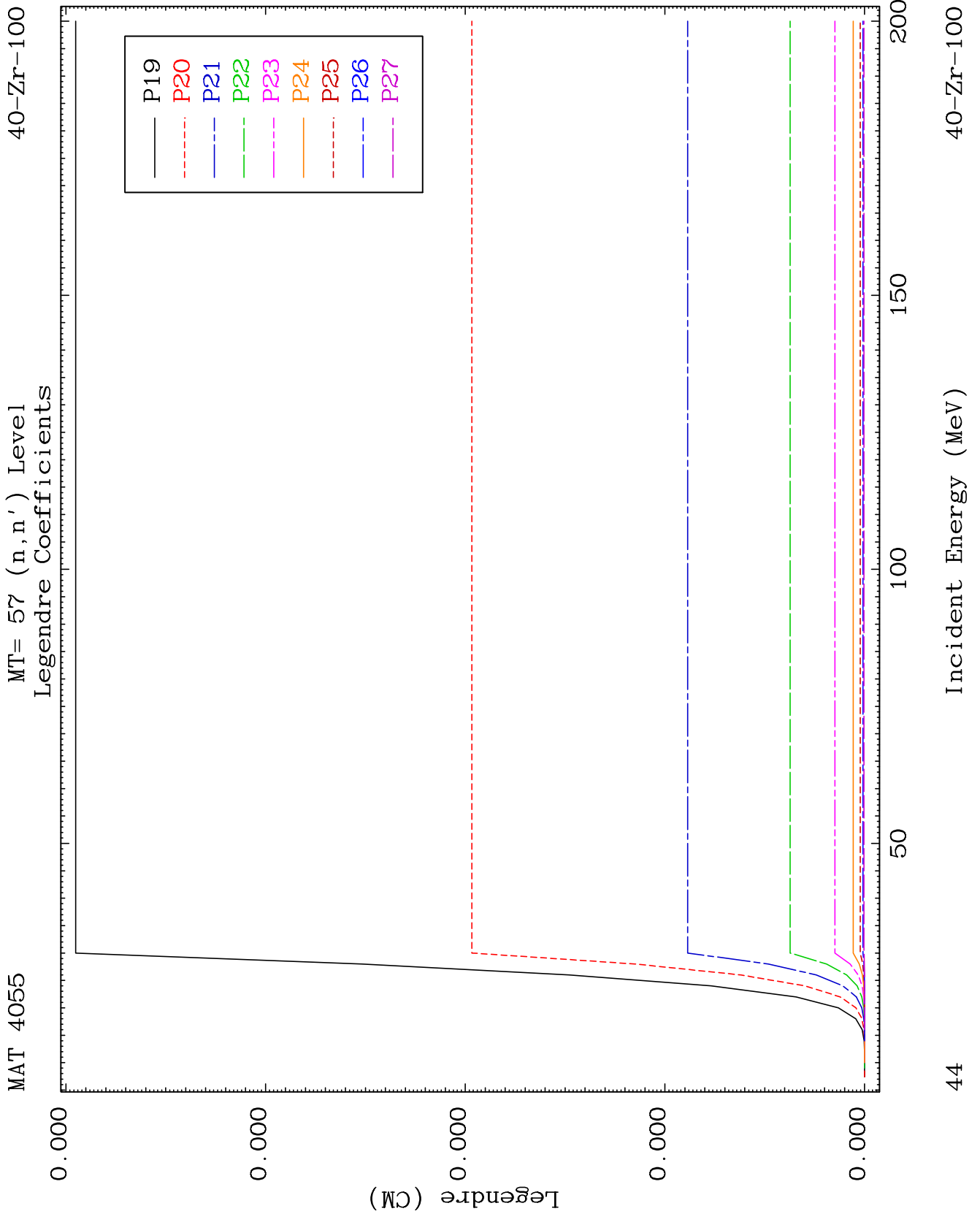
40-Zr-100

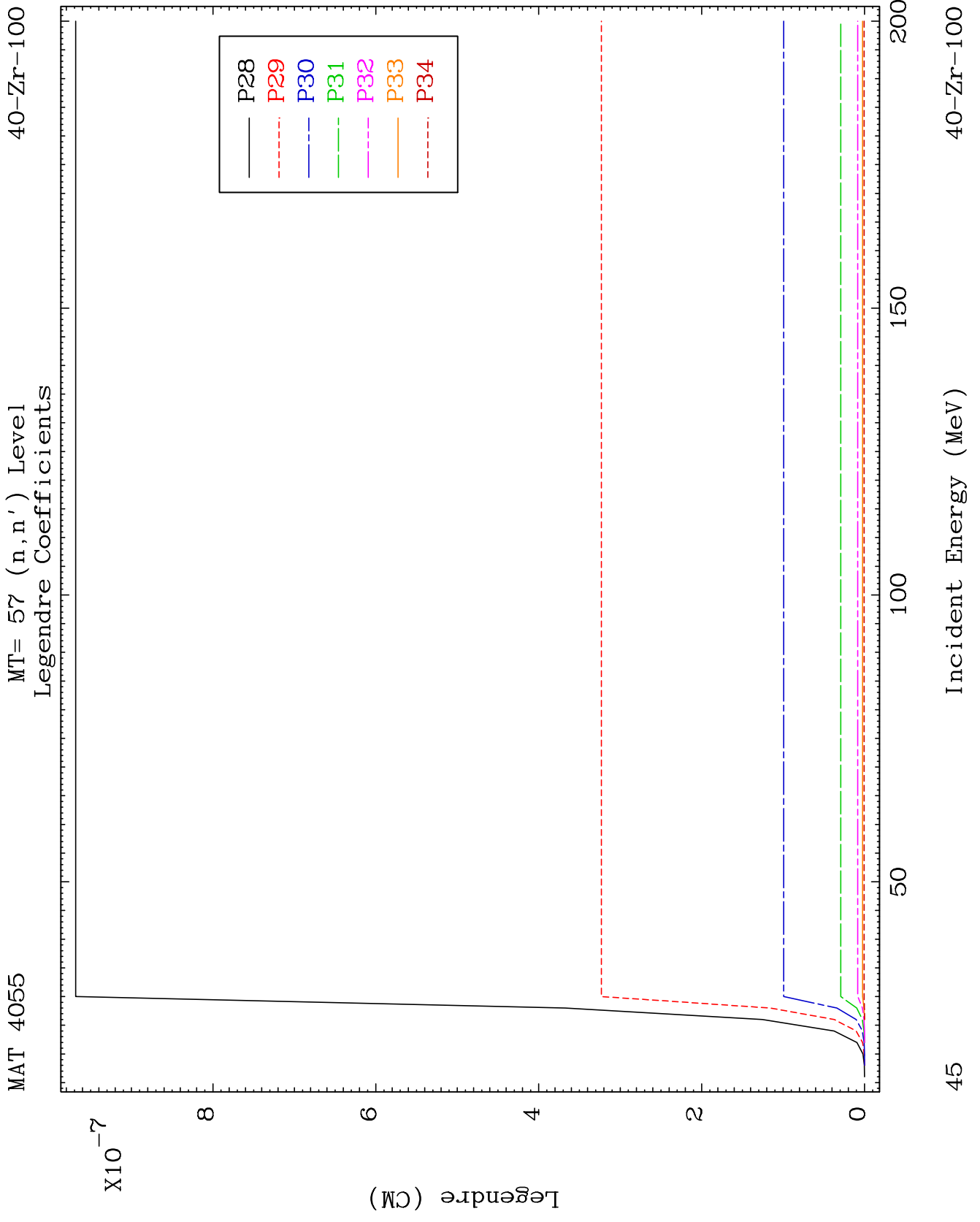


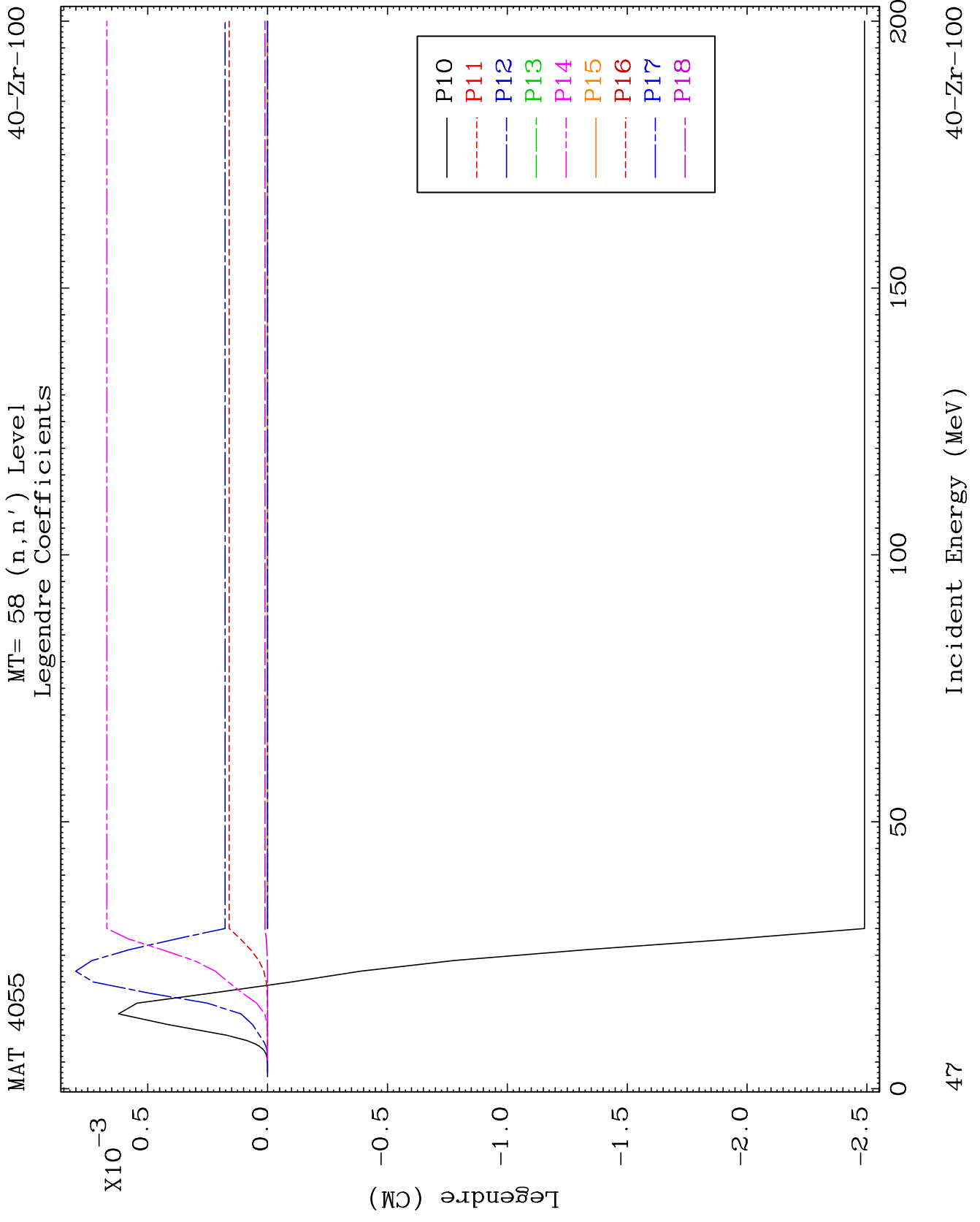


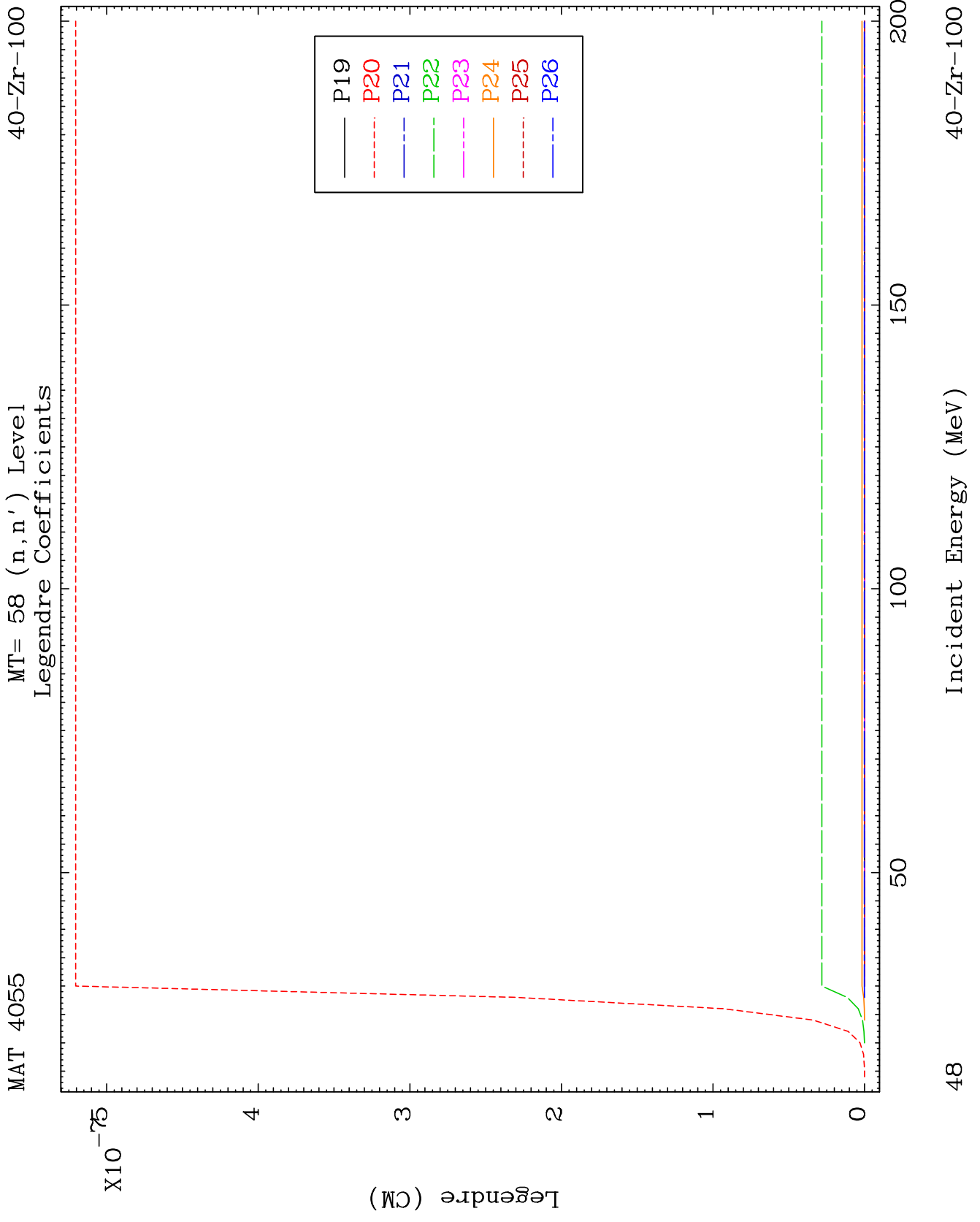


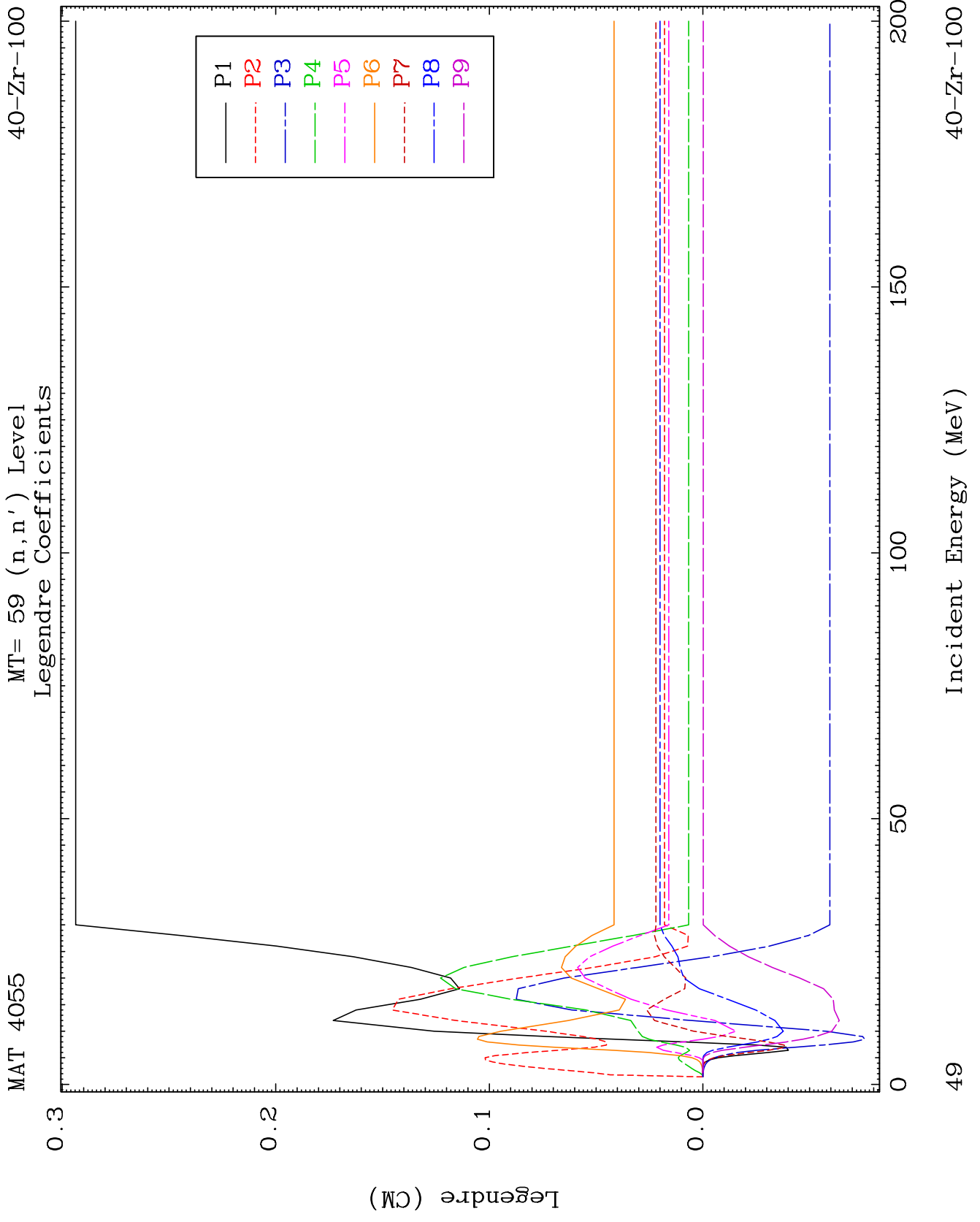








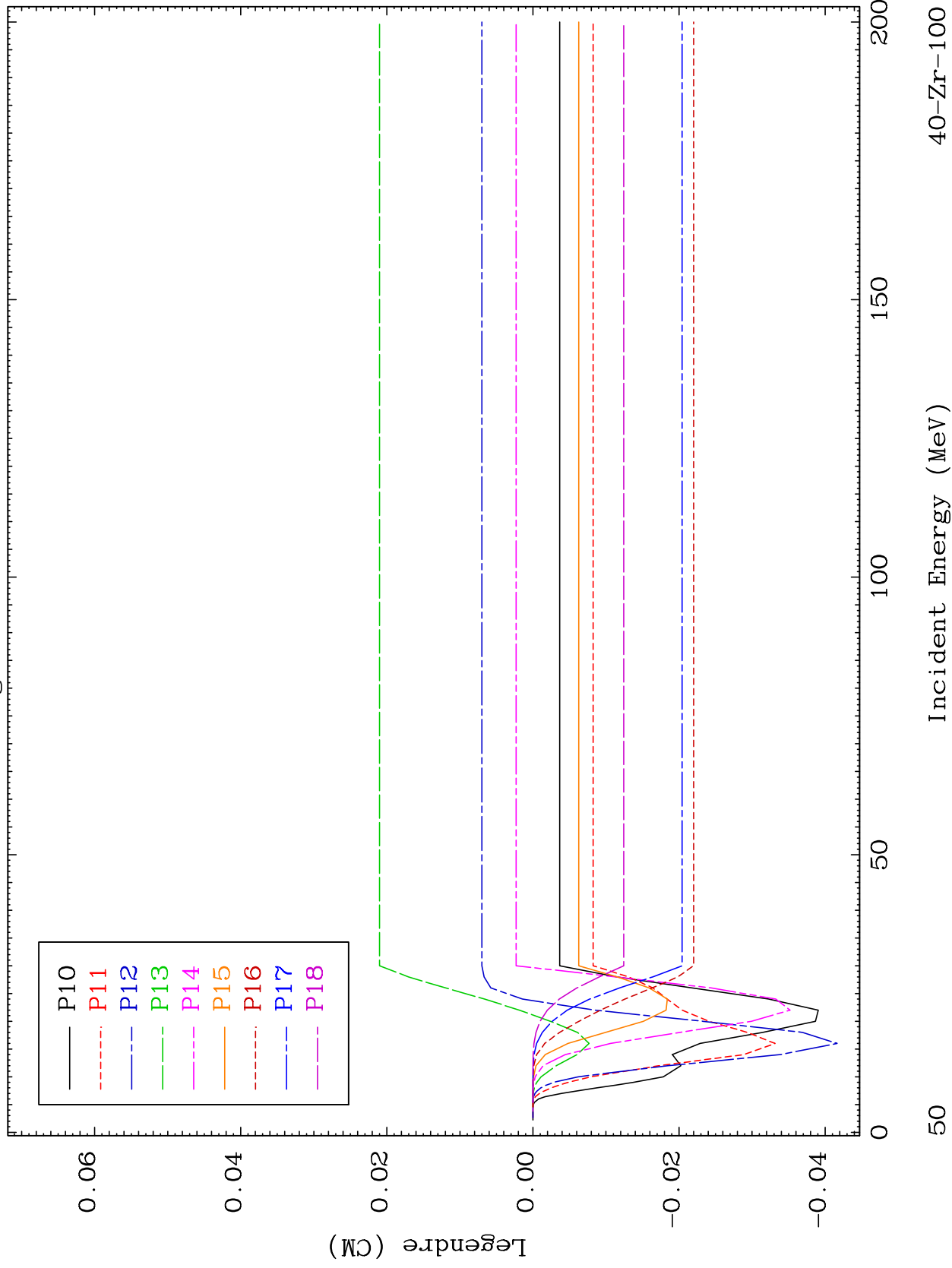


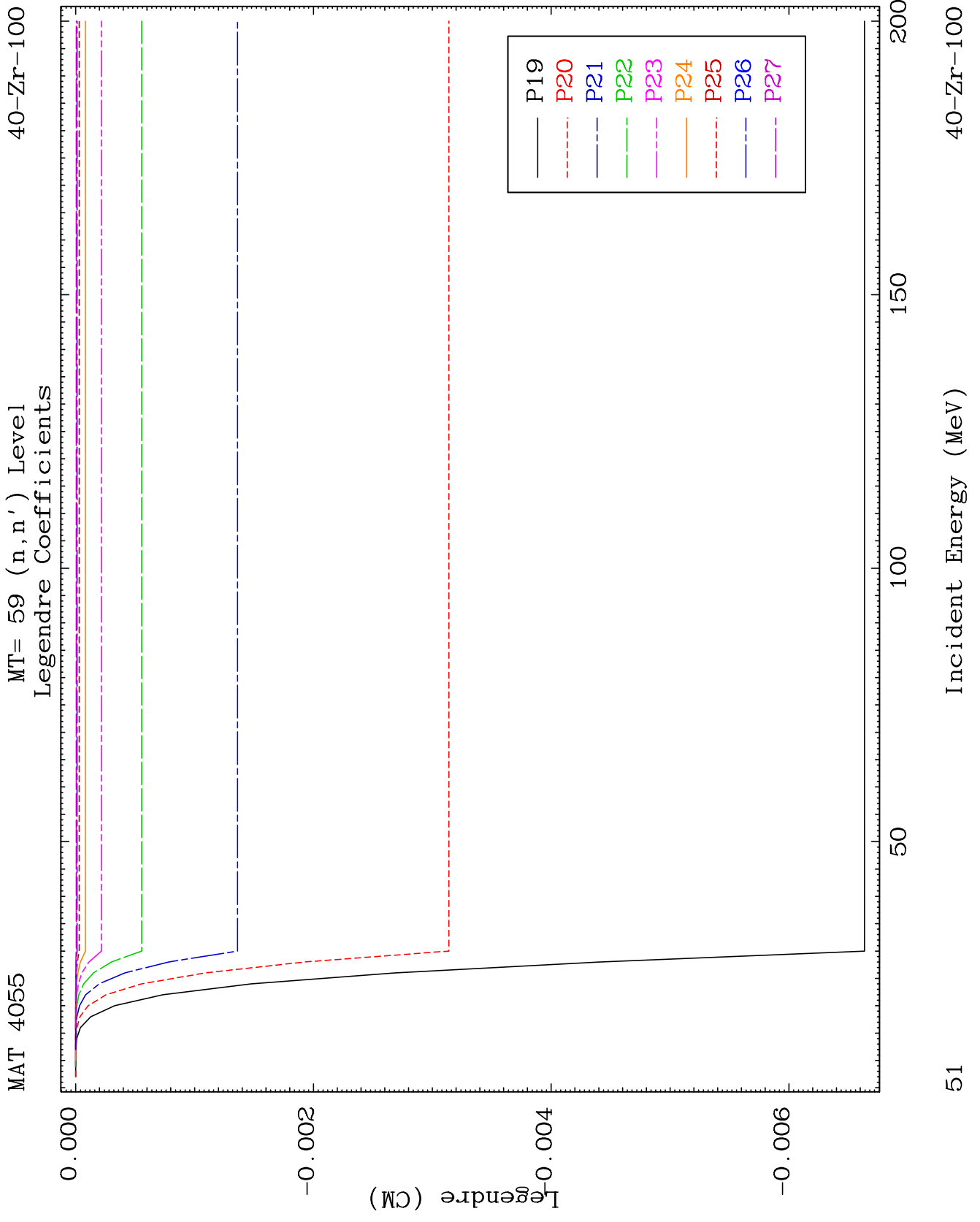


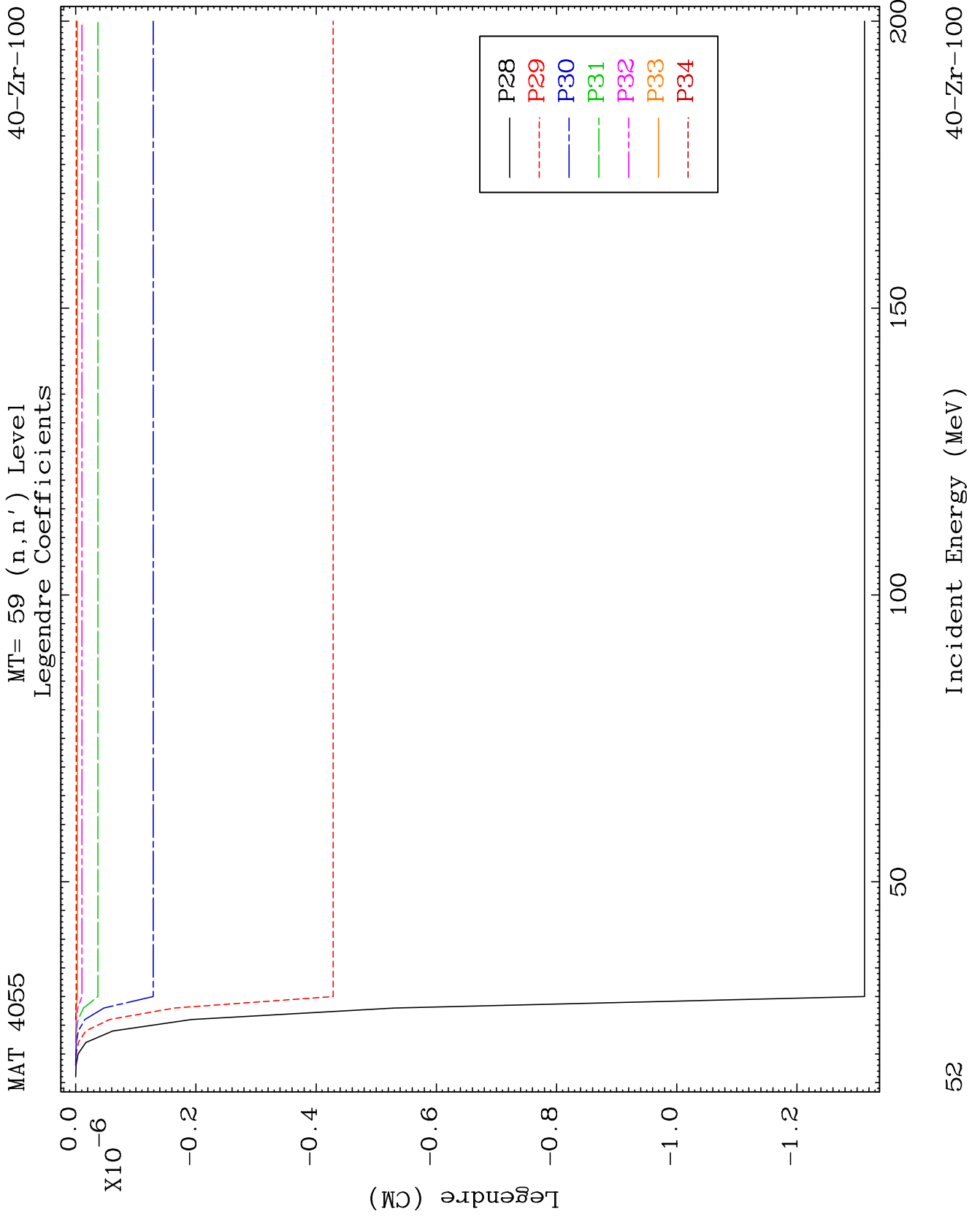
MAT 4055

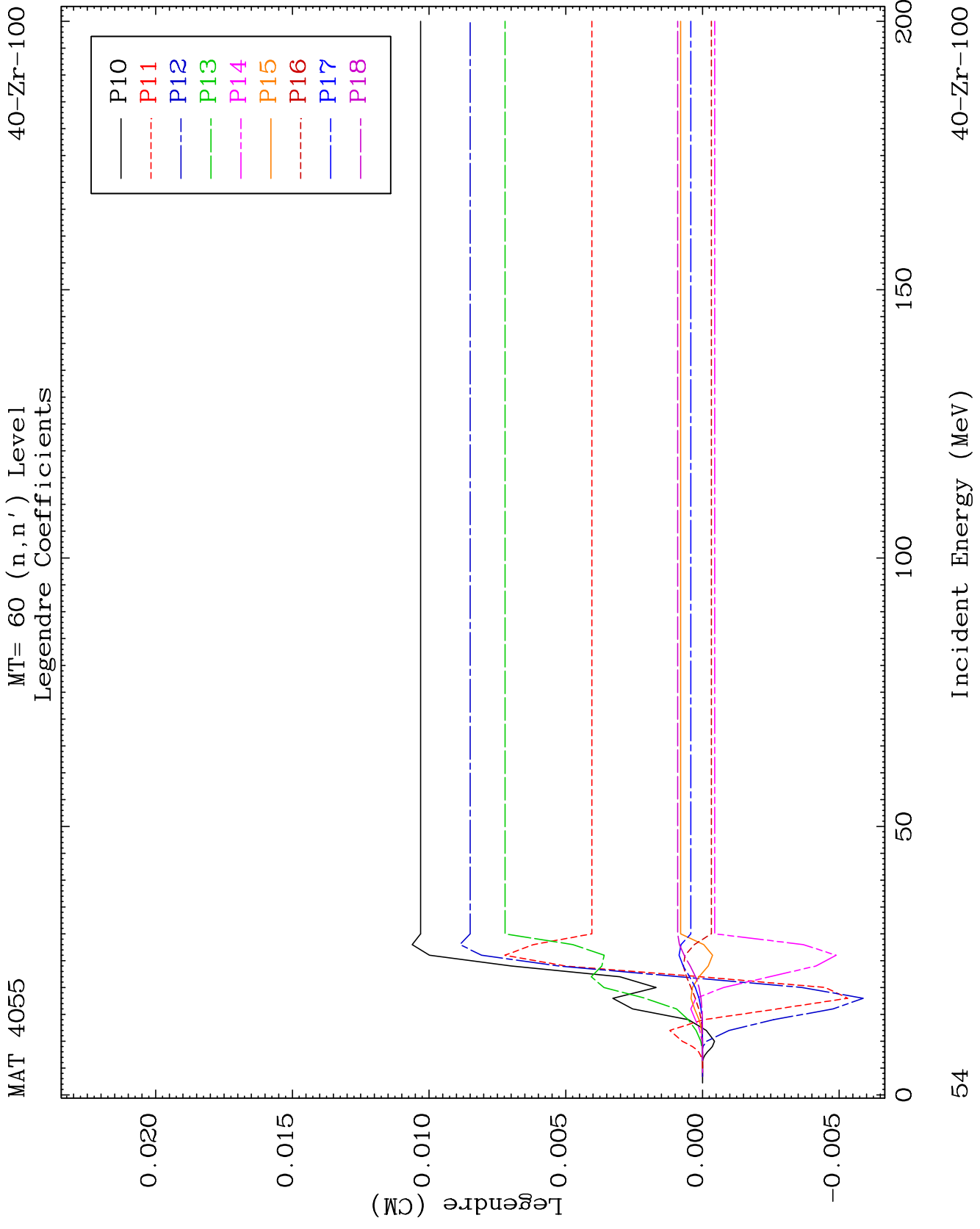
MT= 59 (n,n') Level
Legendre Coefficients

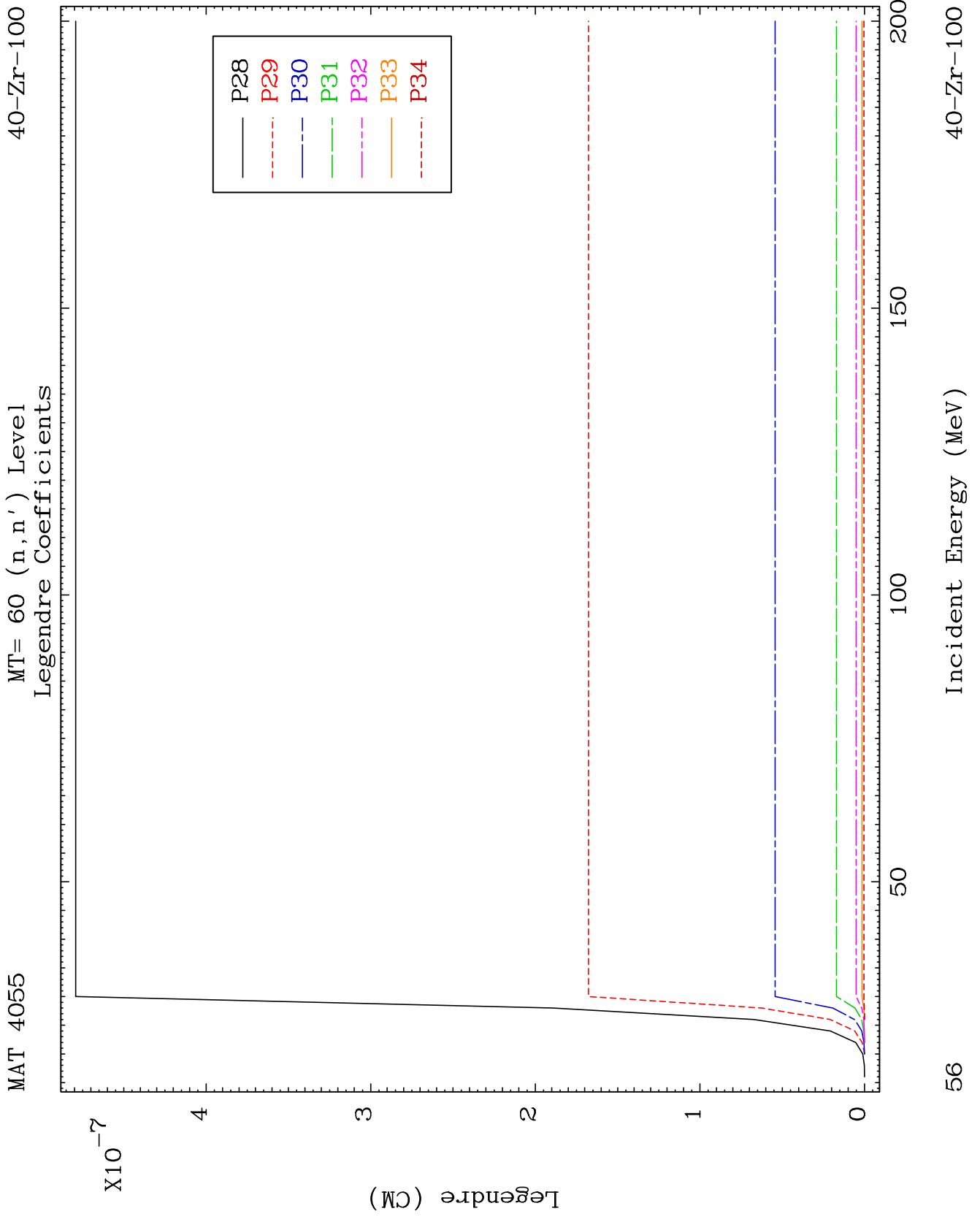
40-Zr-100

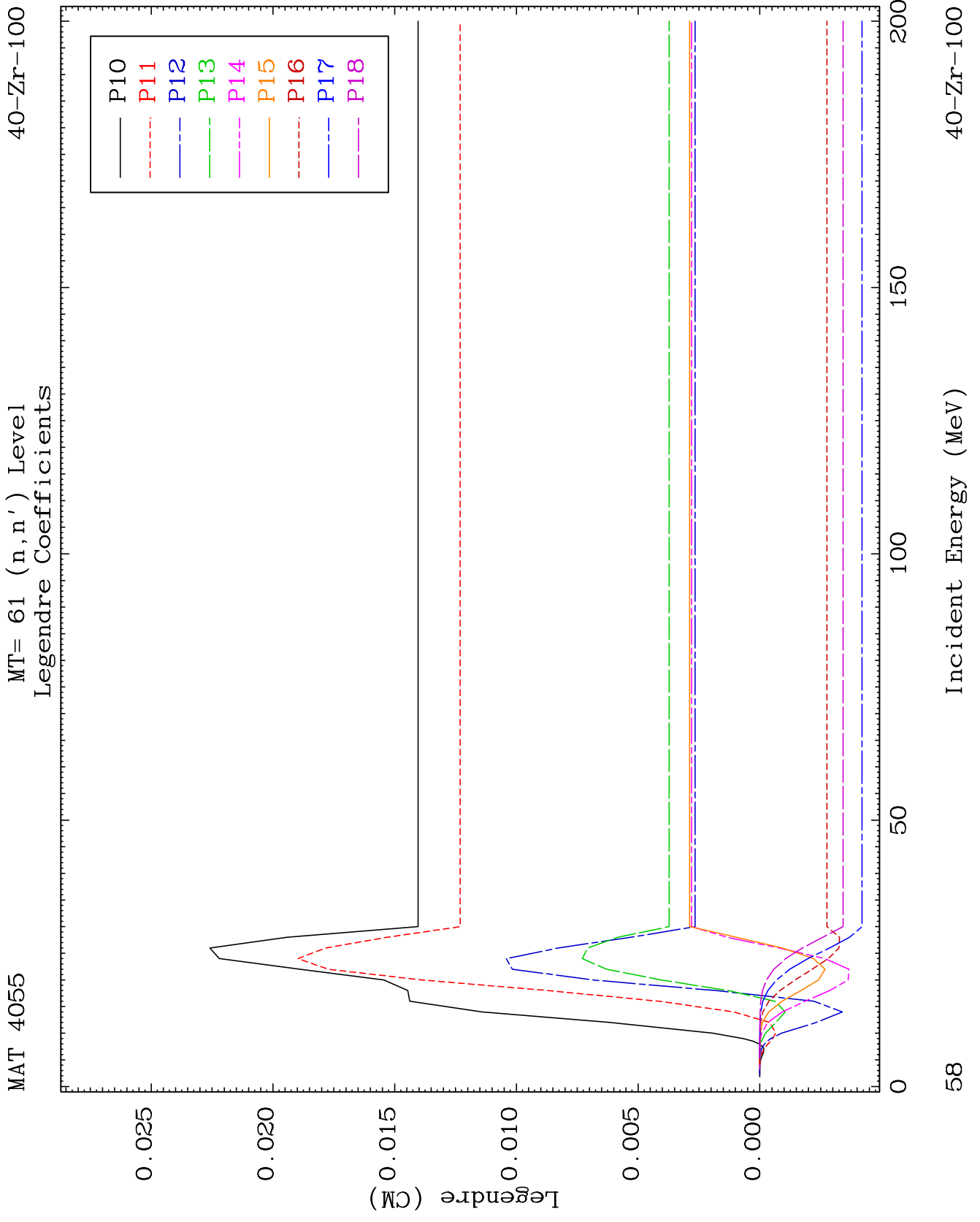


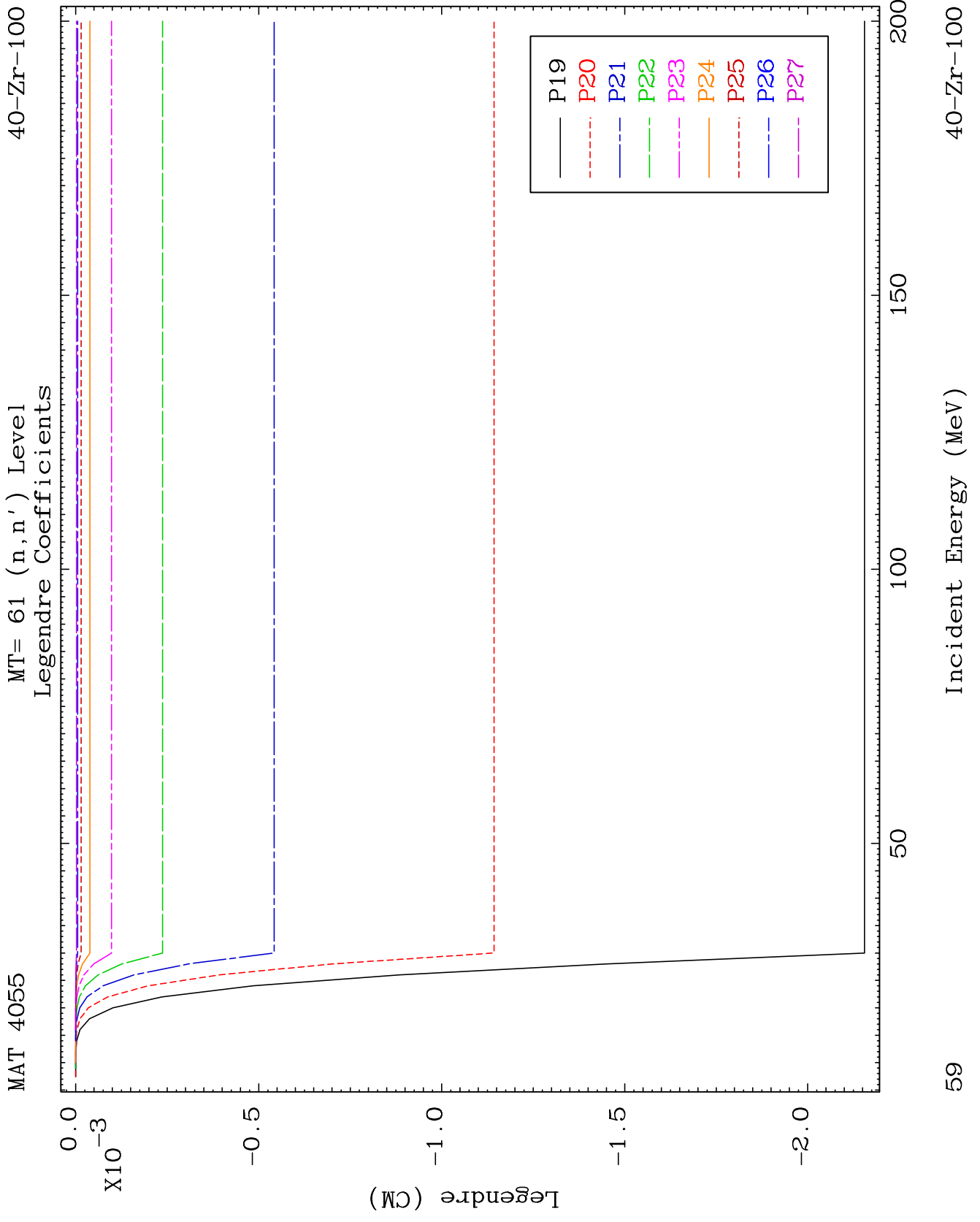


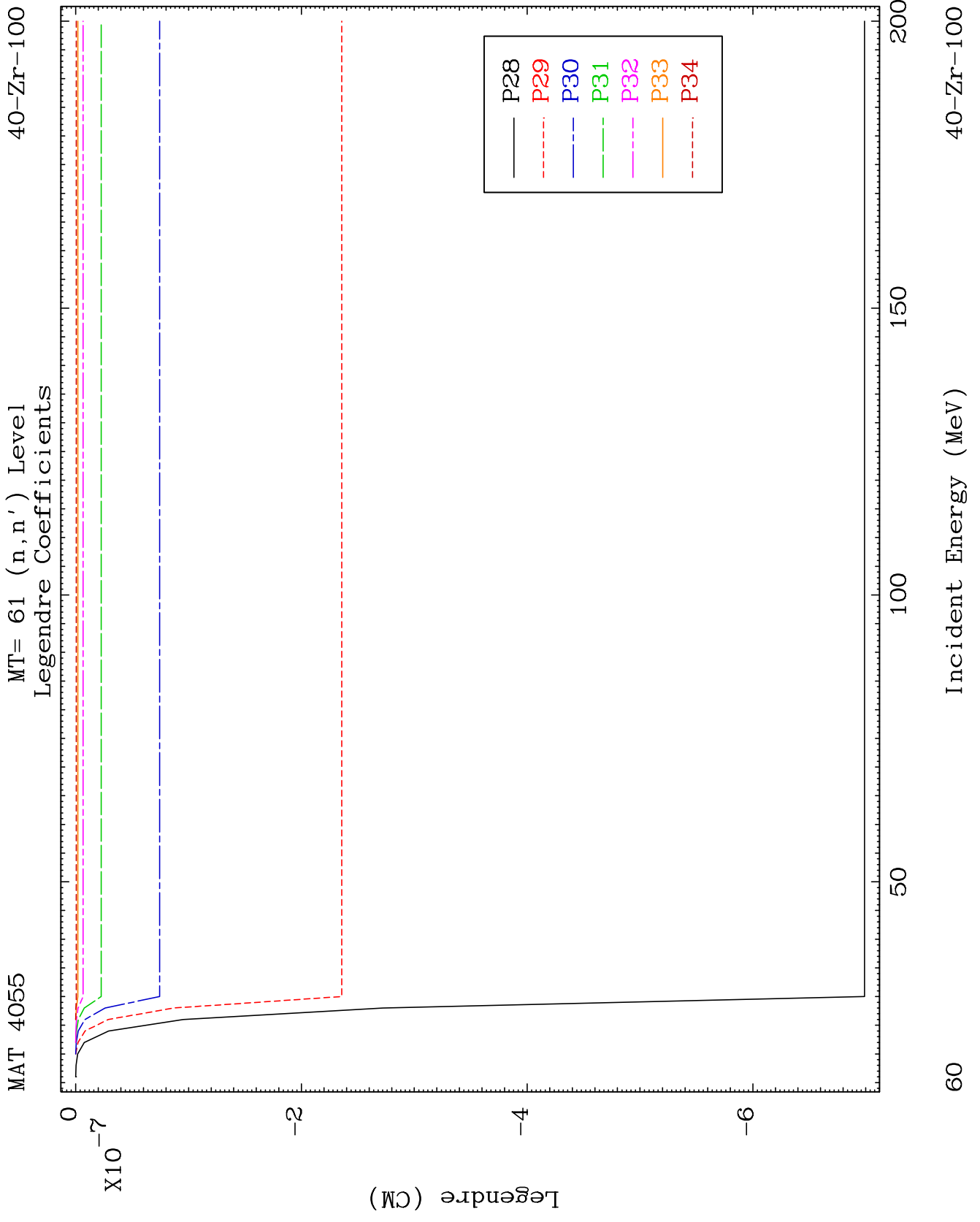


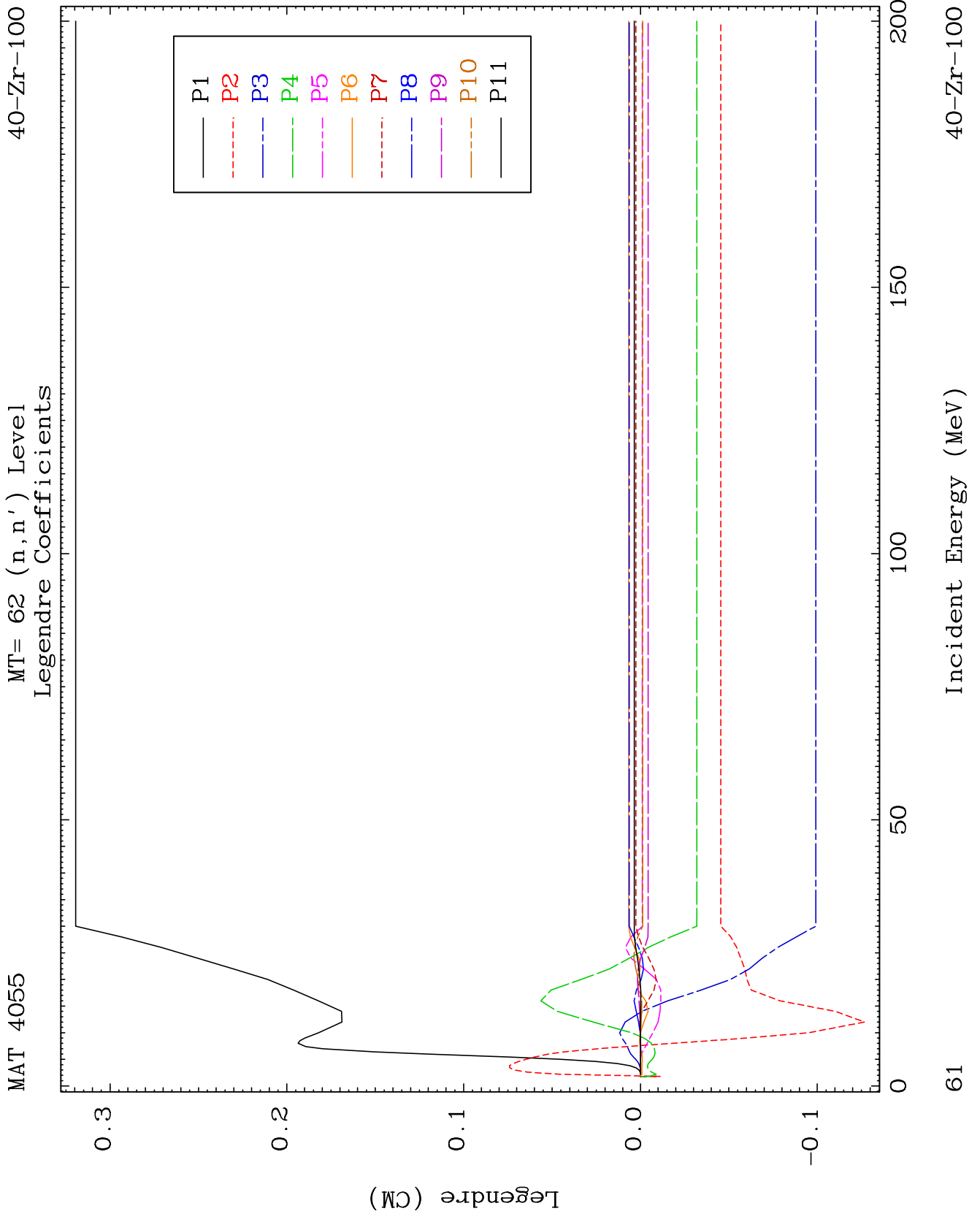








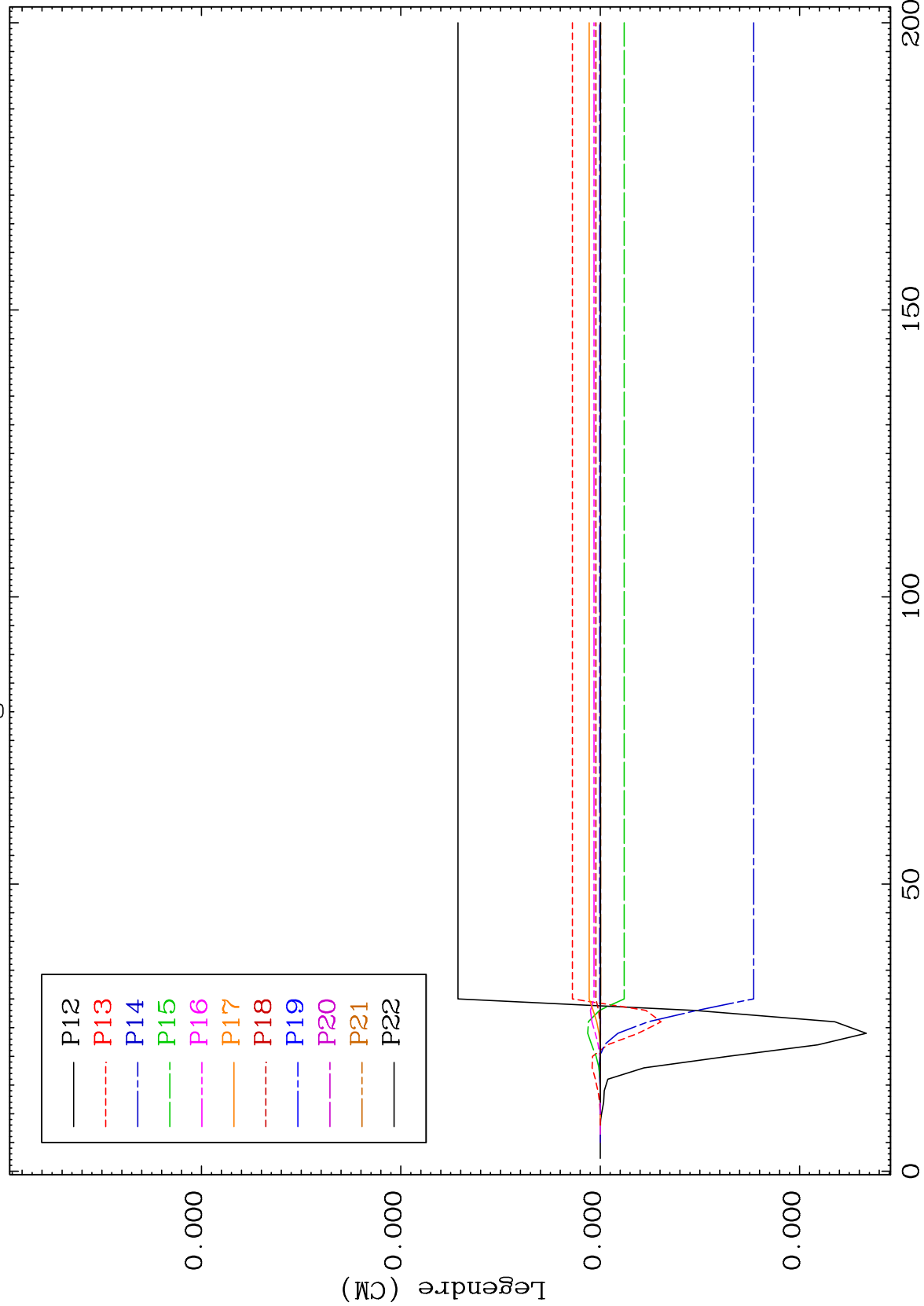




MAT 4055

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

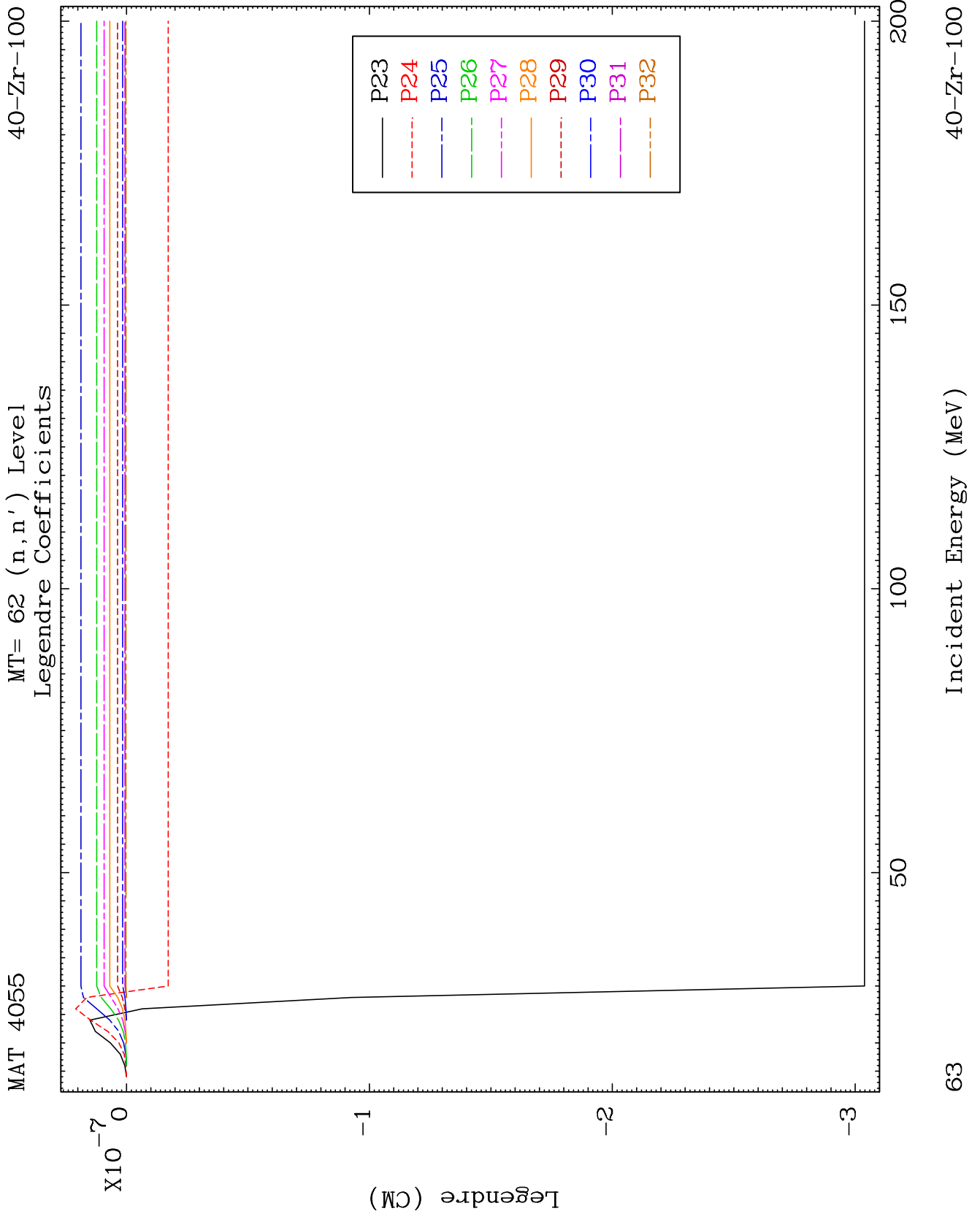
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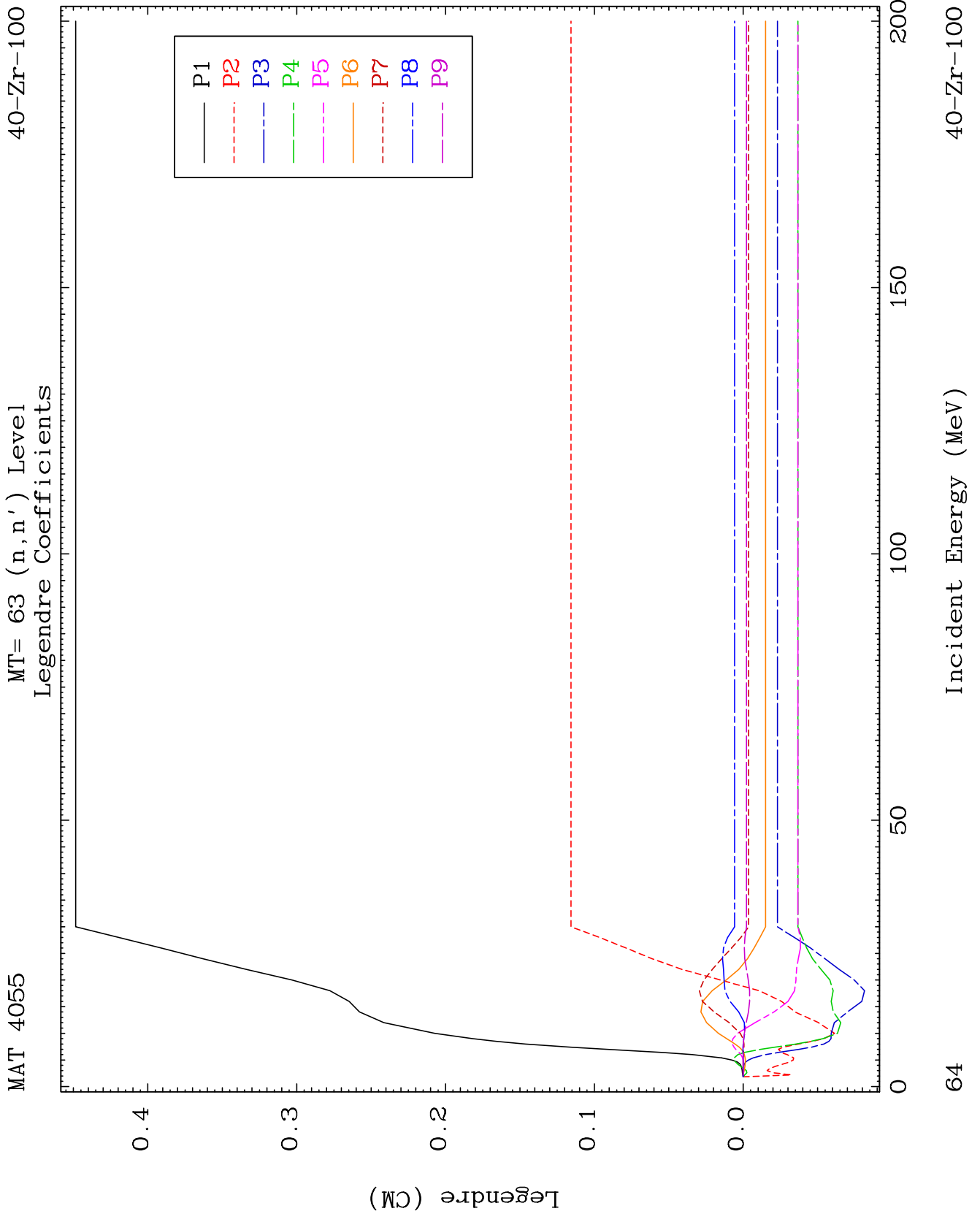


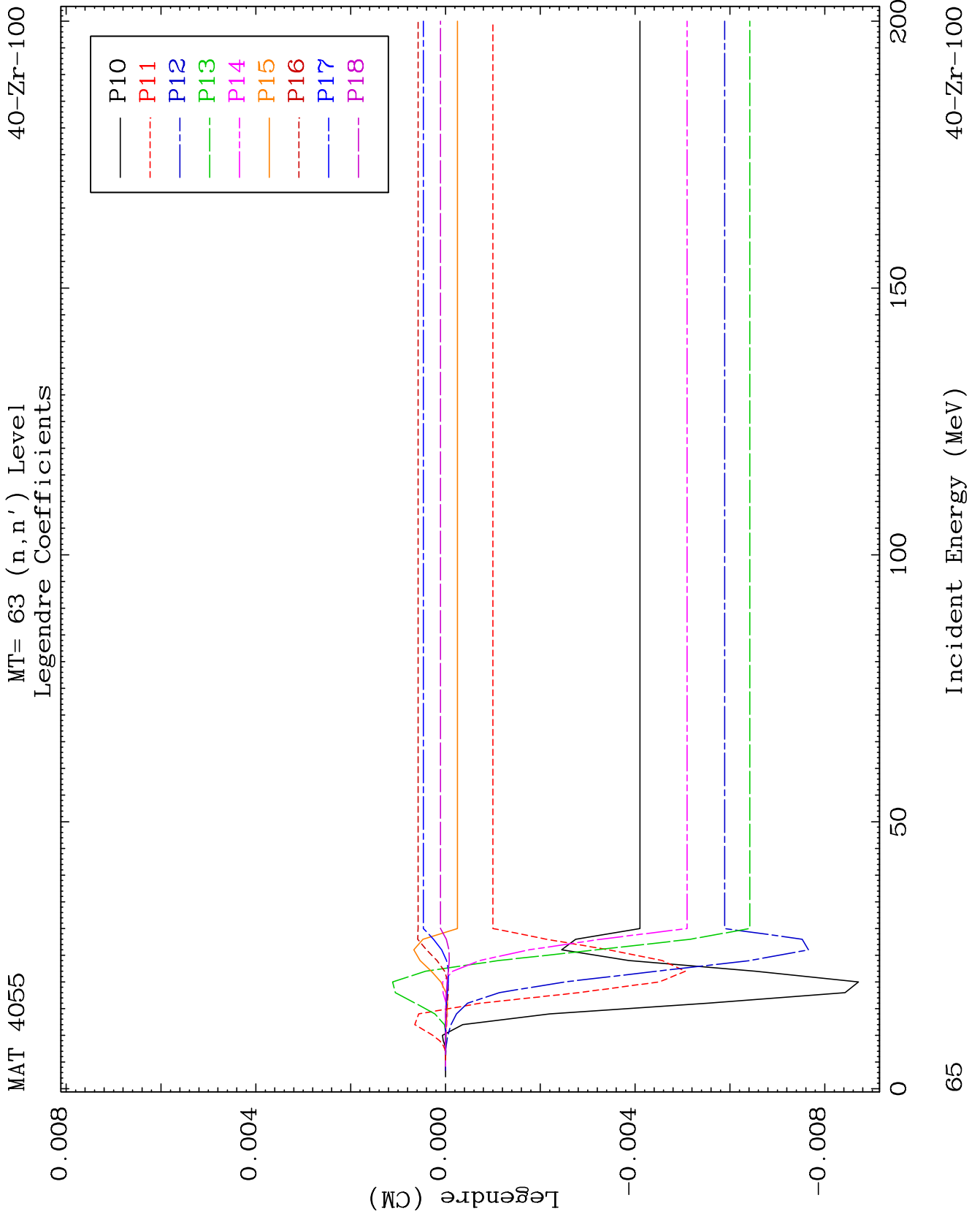
Incident Energy (MeV)

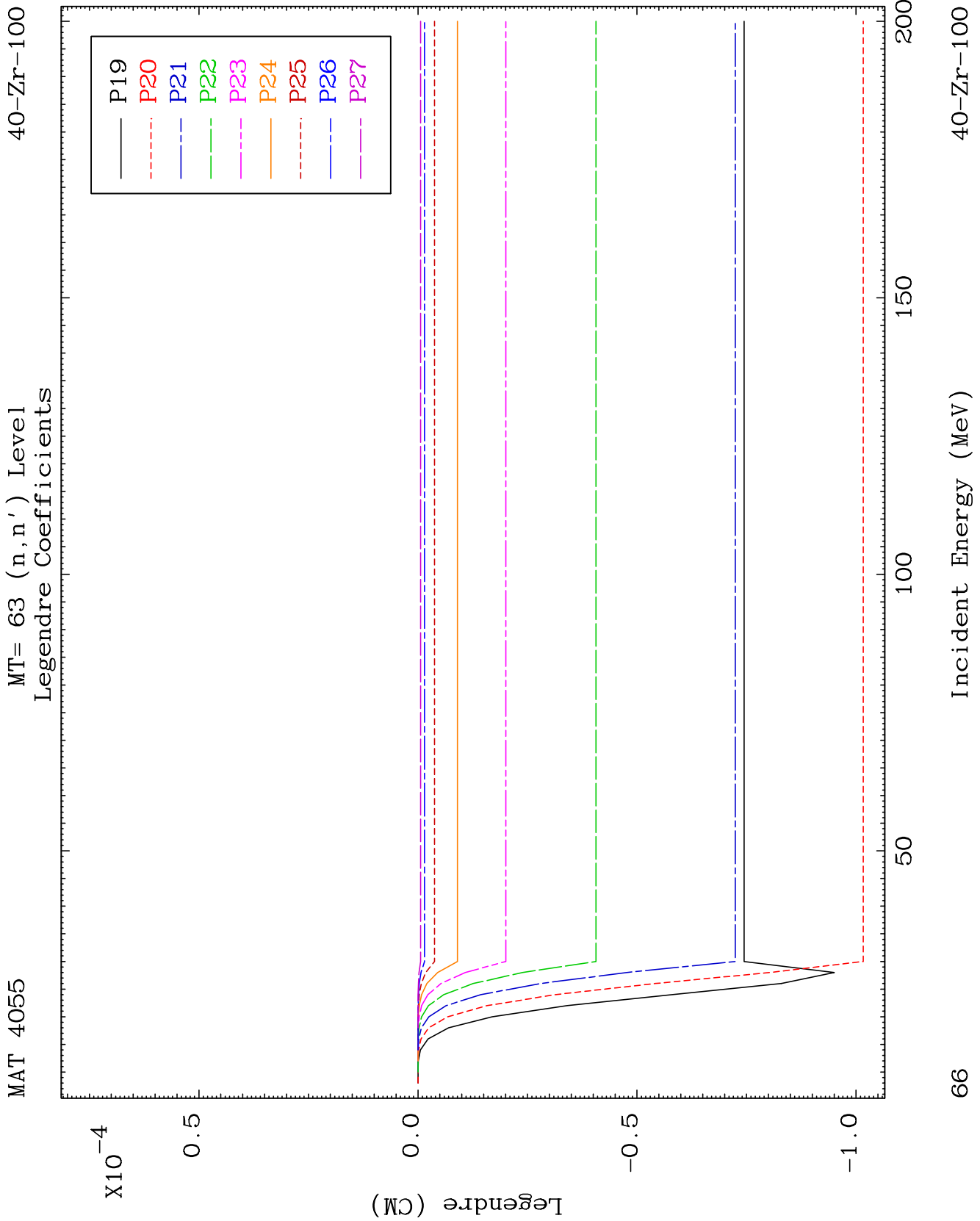
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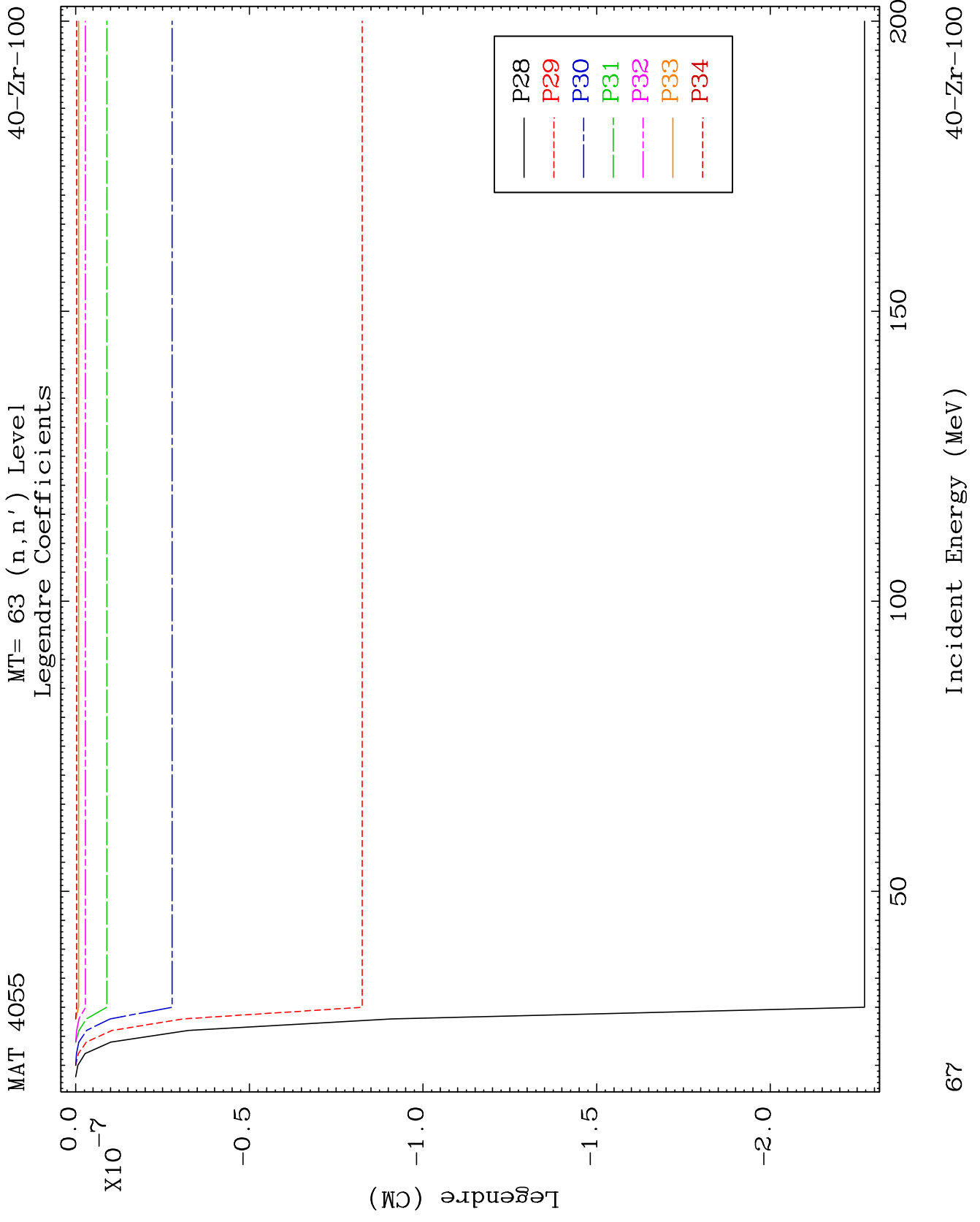
62







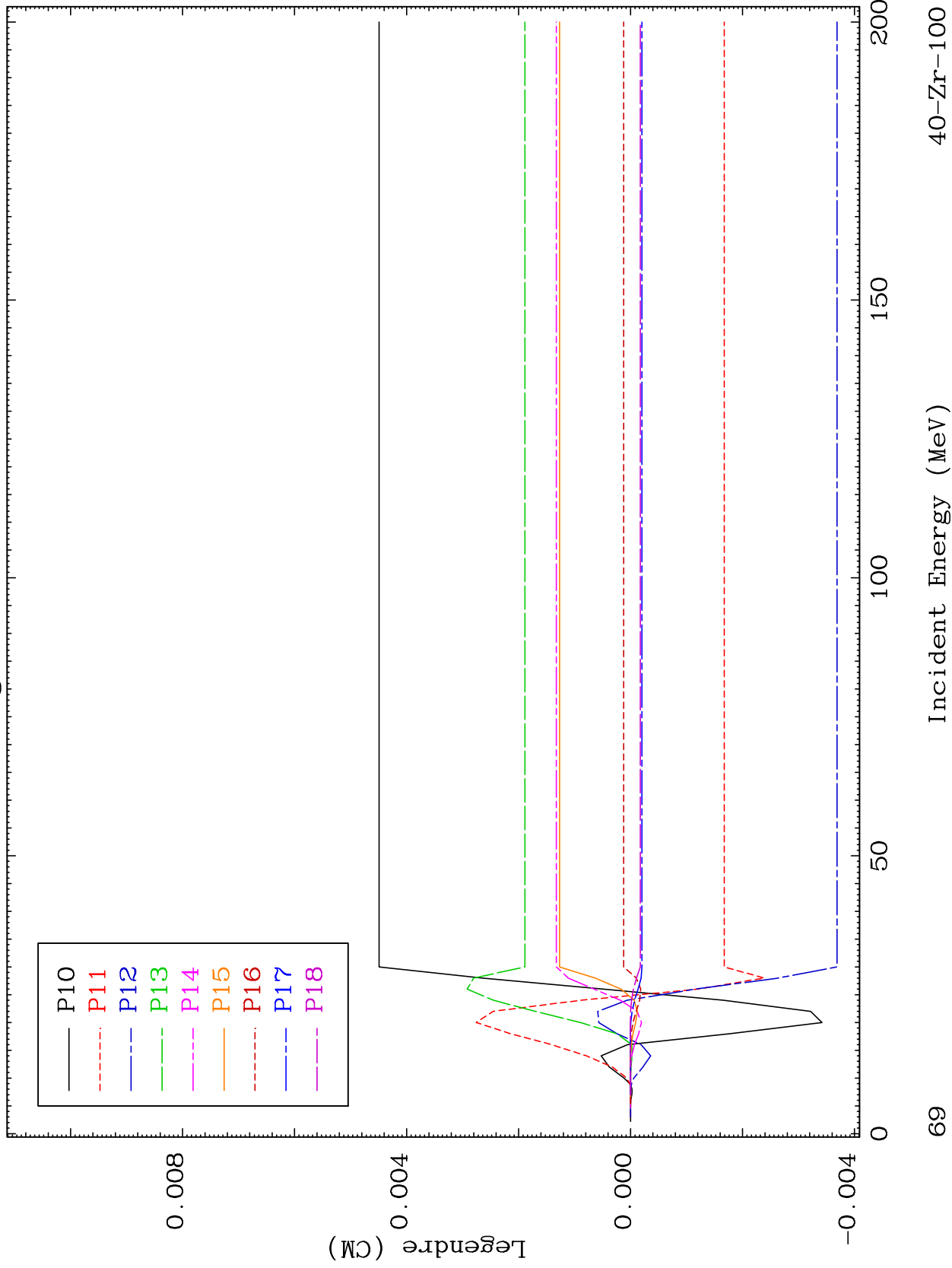




MAT 4055

MT= 64 (n,n') Level
Legendre Coefficients

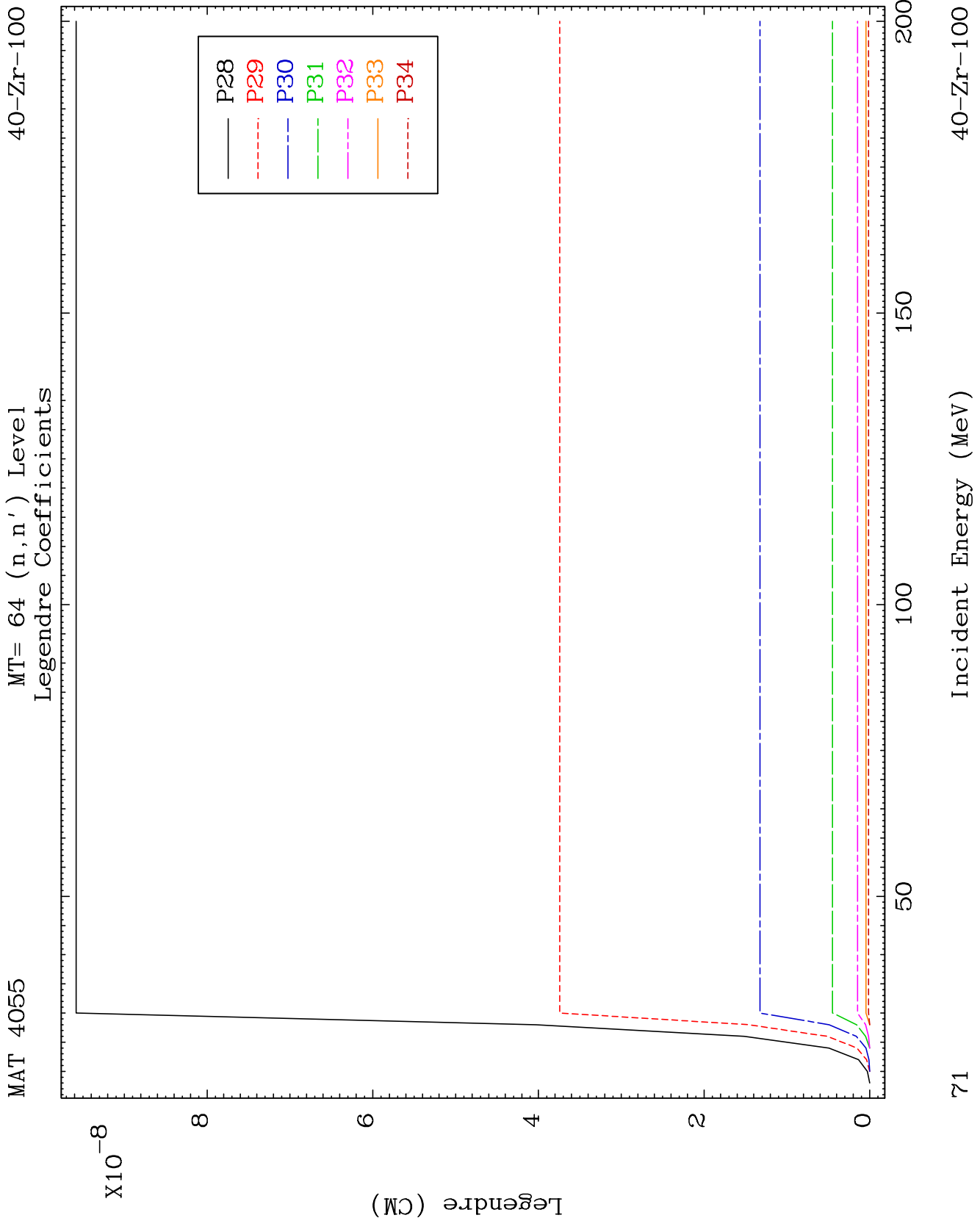
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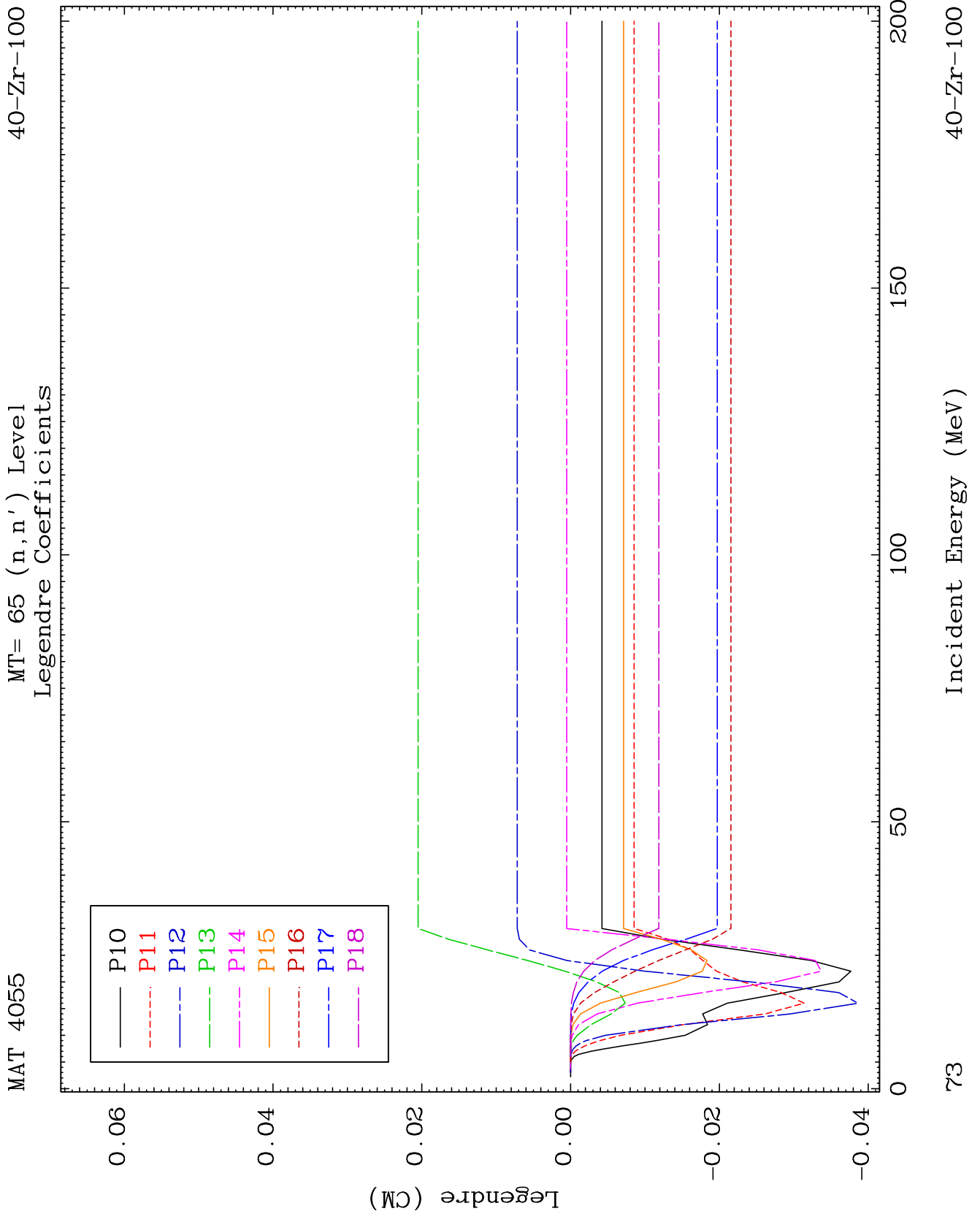


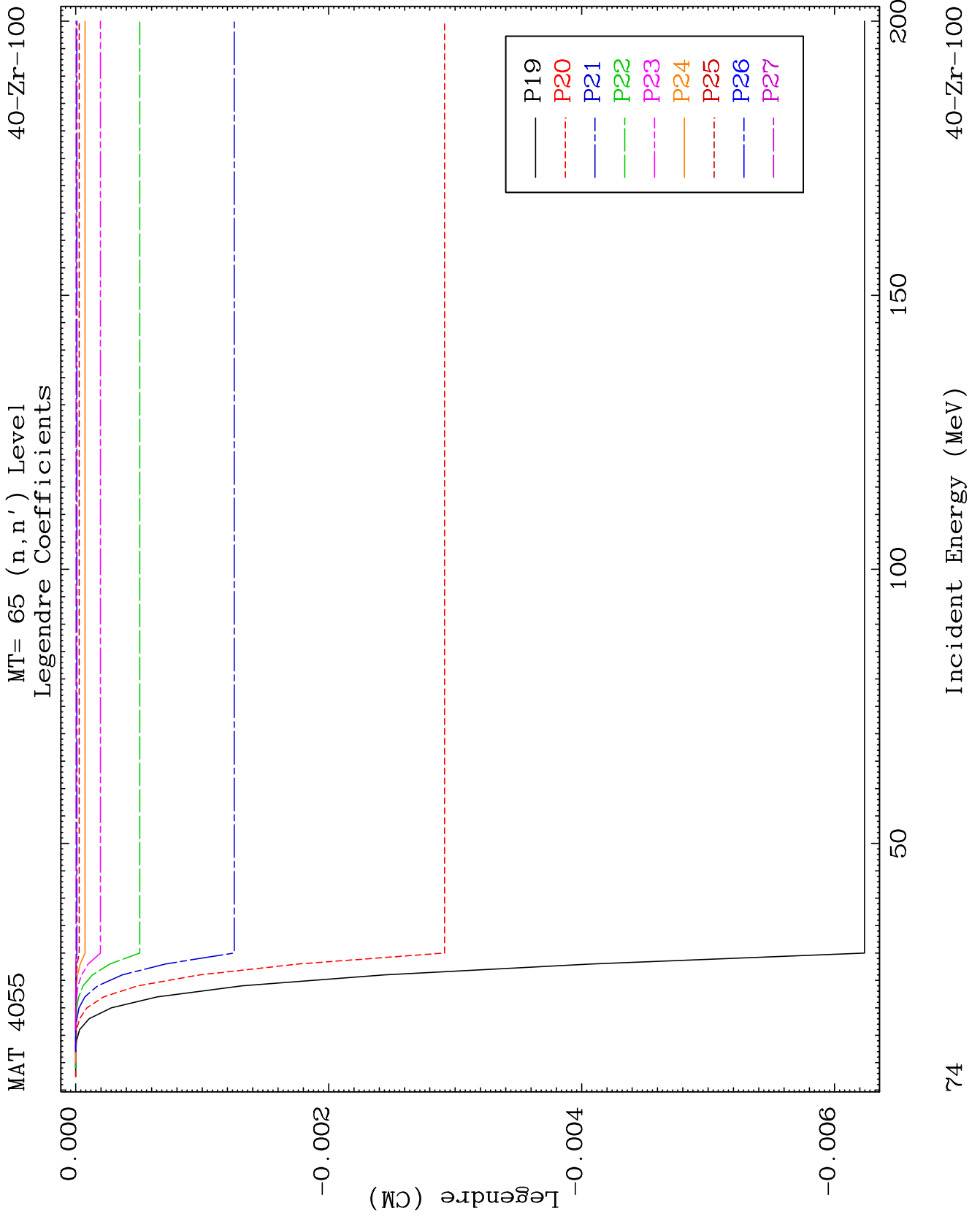
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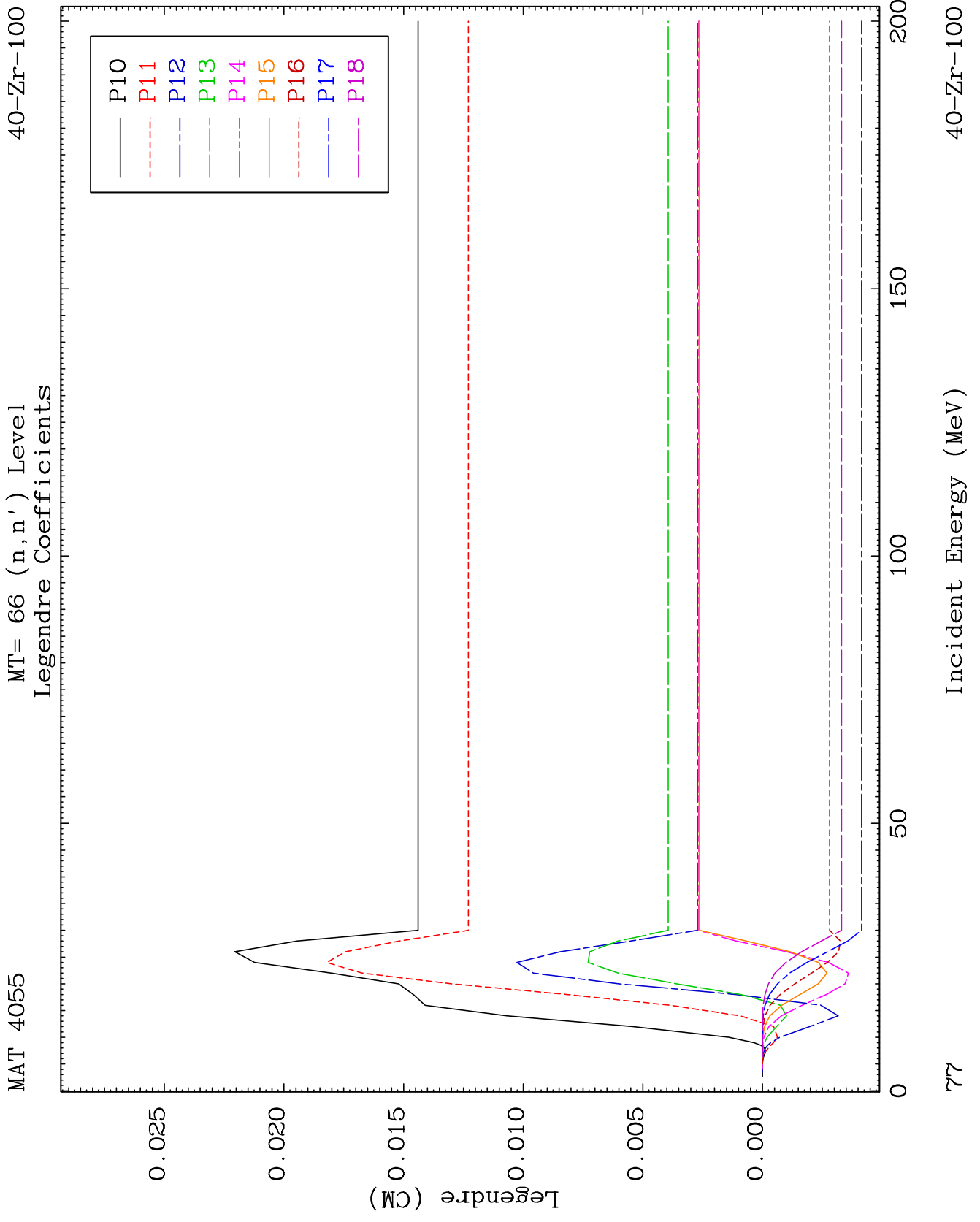
Incident Energy (MeV)

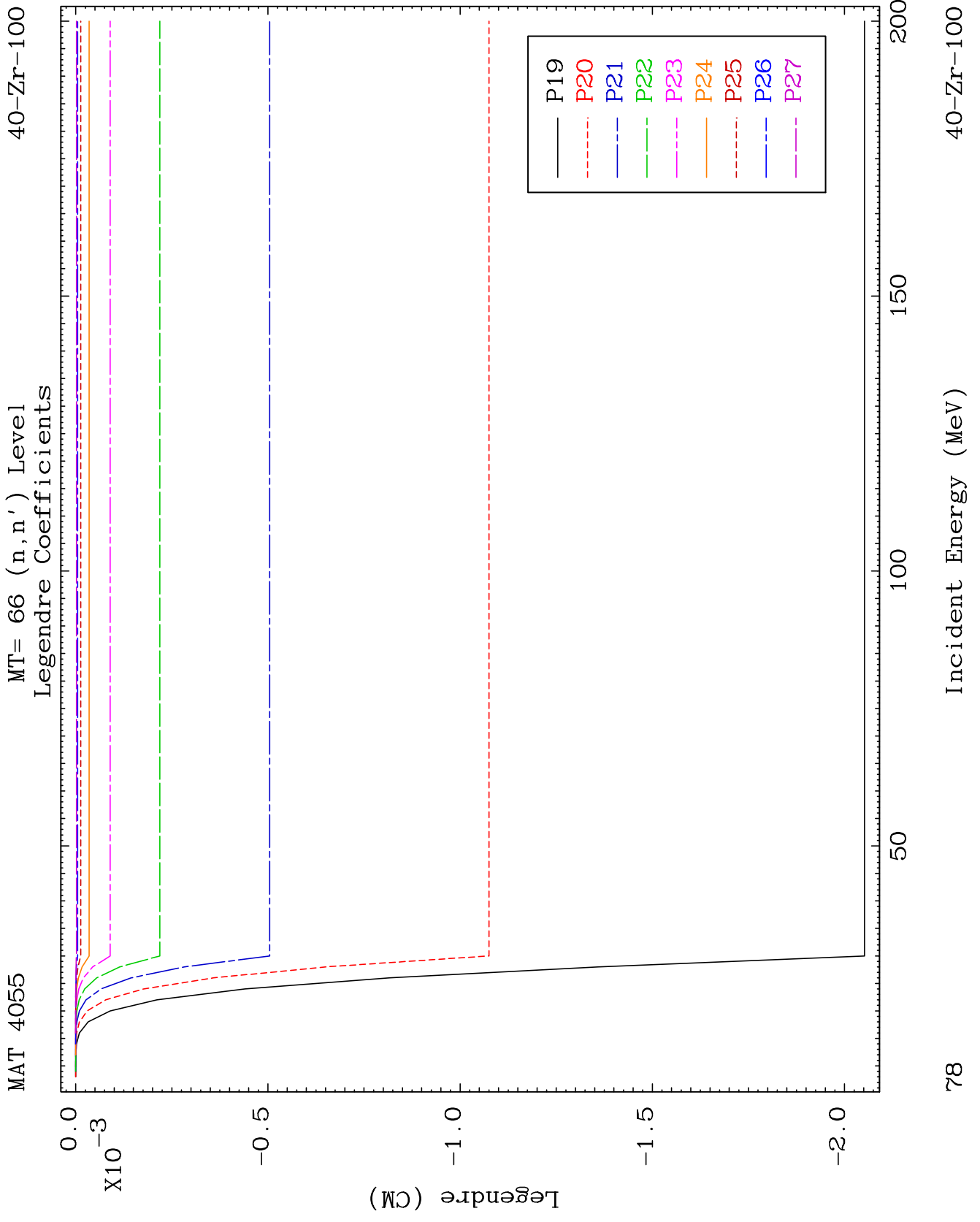
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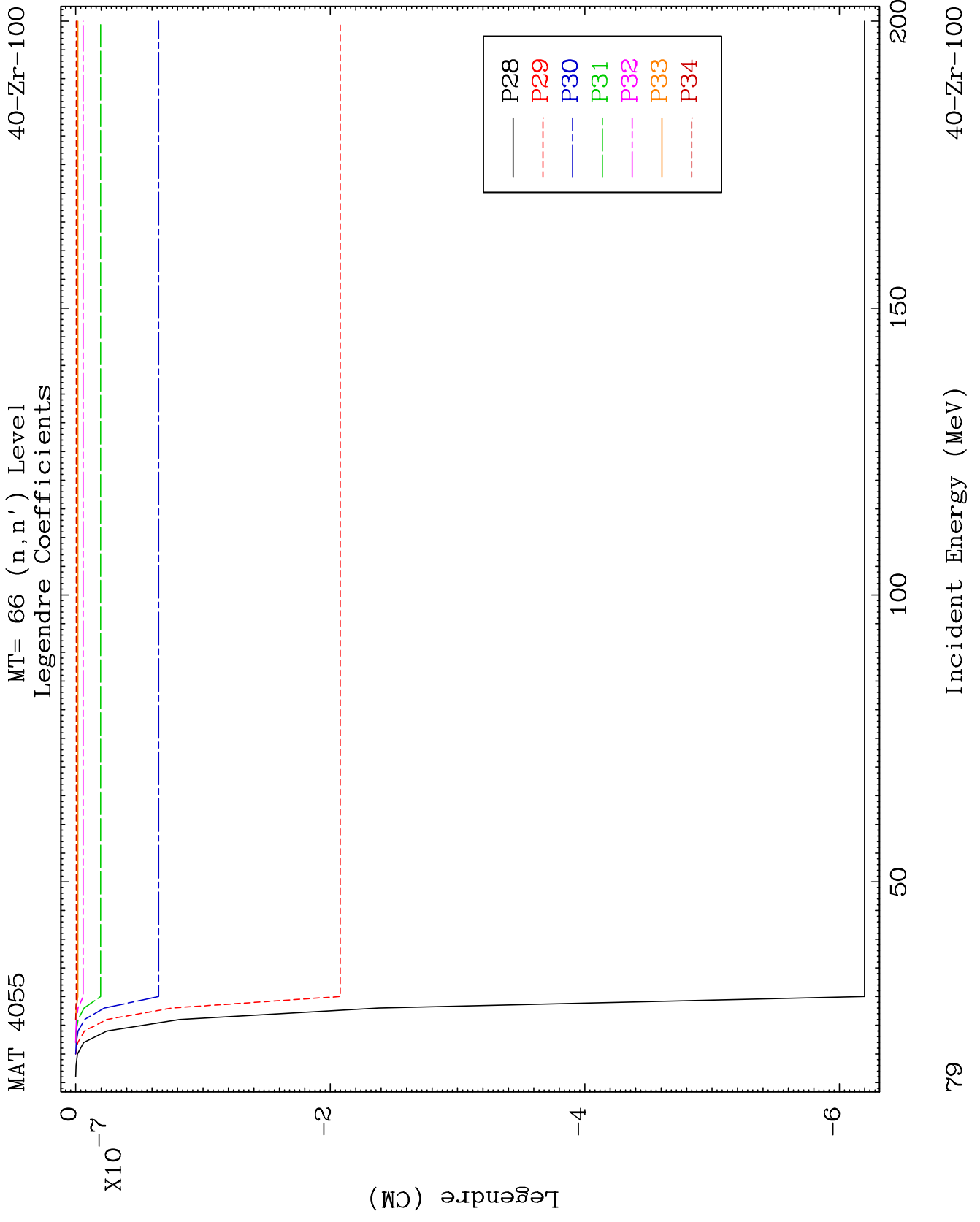


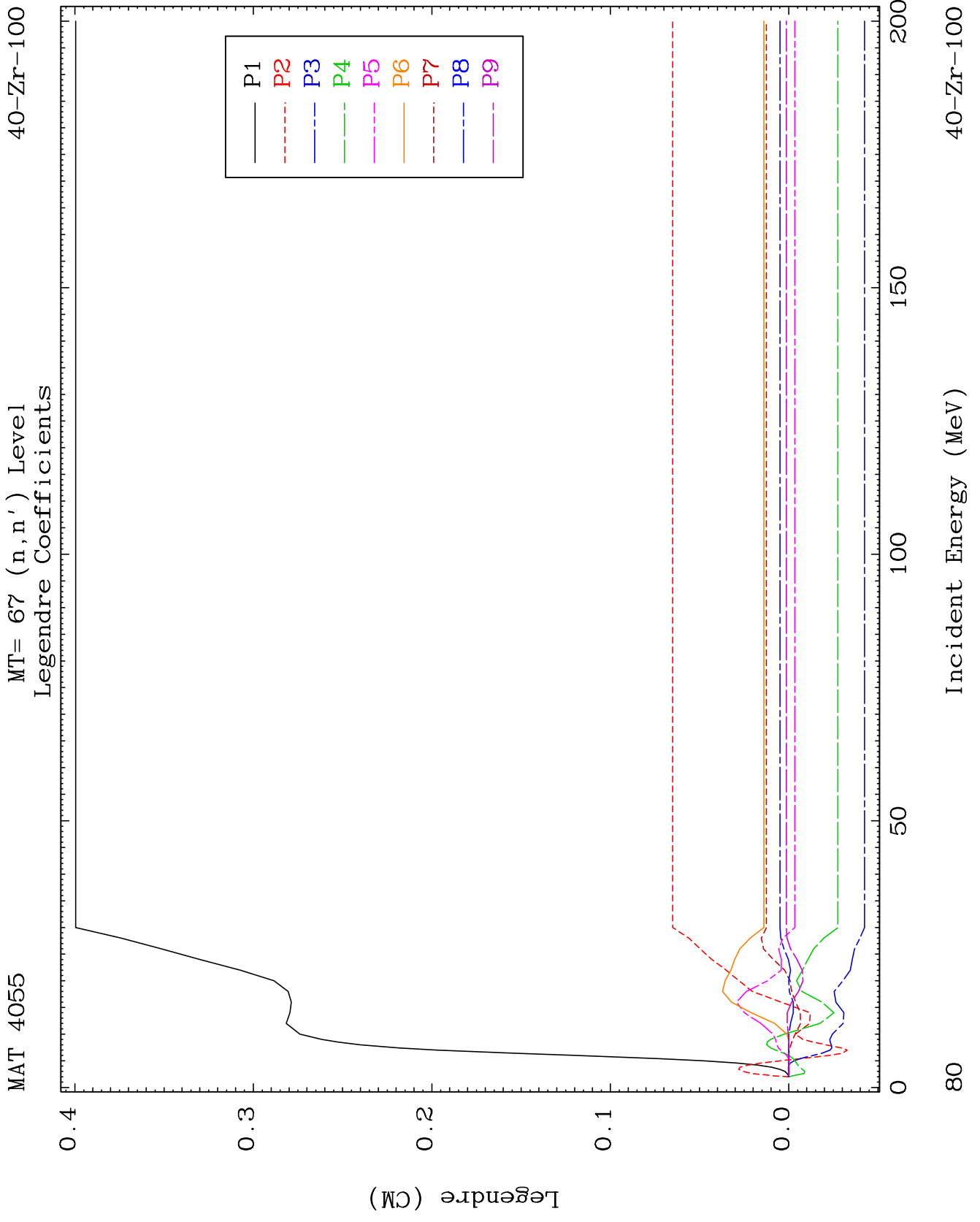








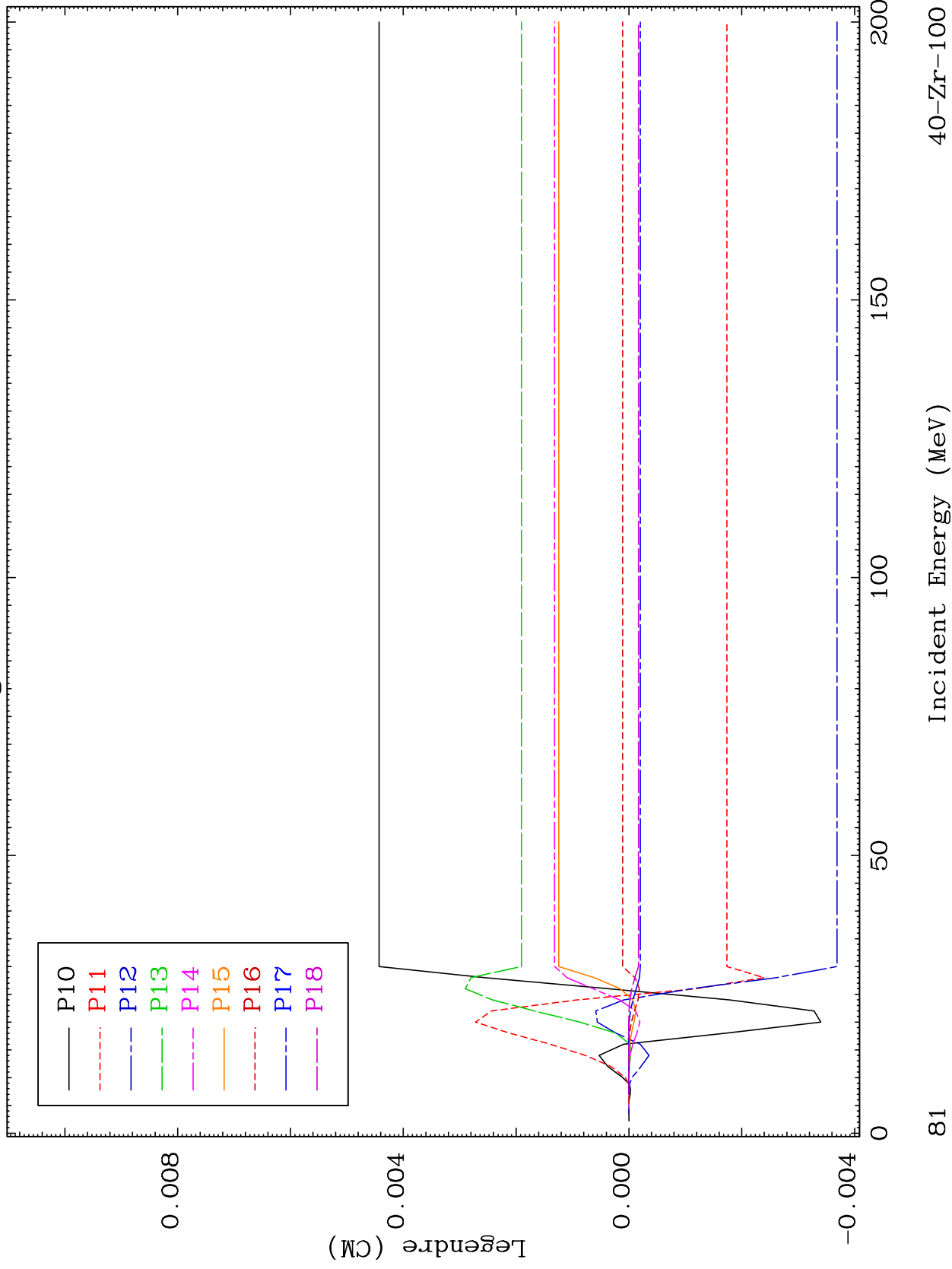




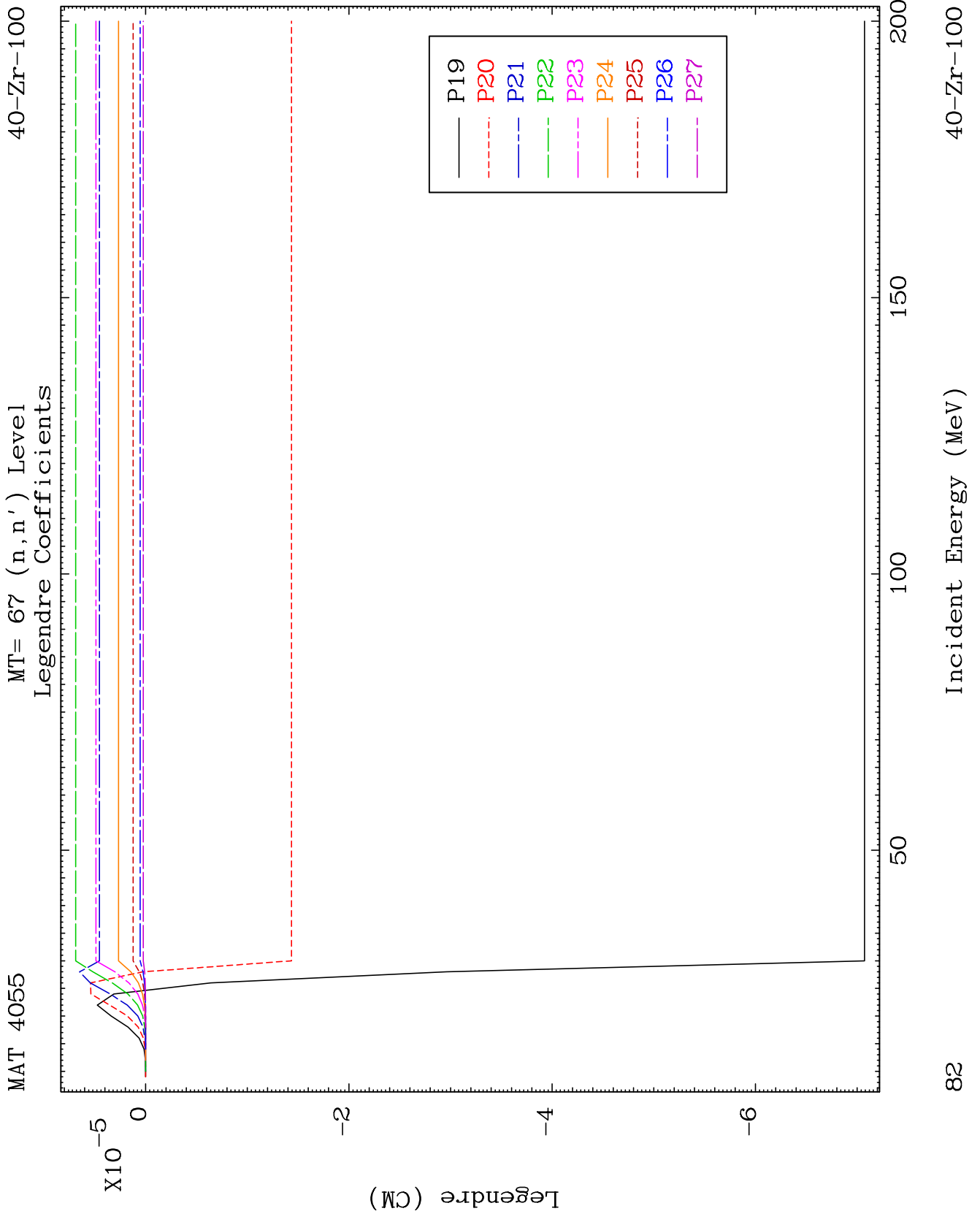
MAT 4055

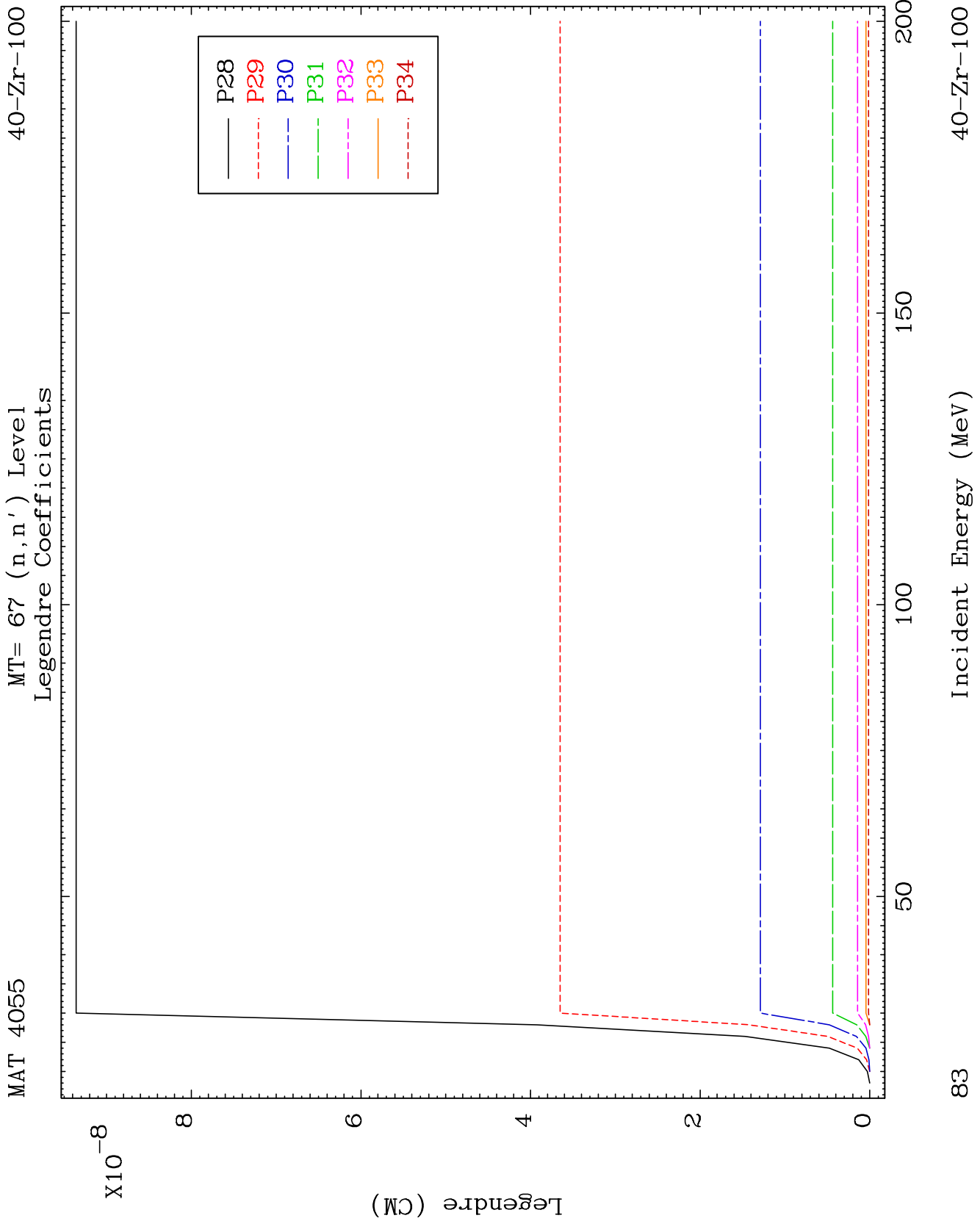
MT= 67 (n,n') Level
Legendre Coefficients

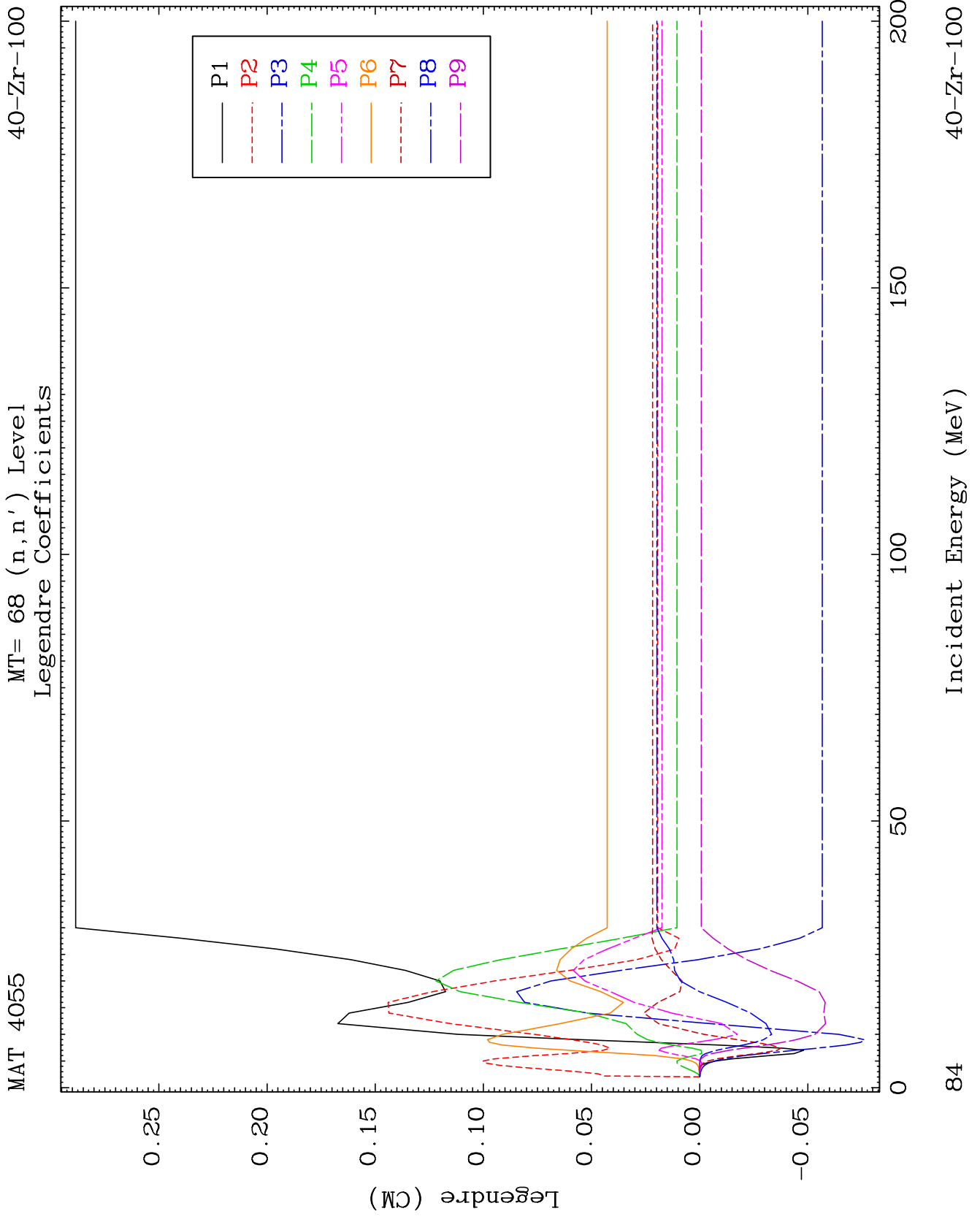
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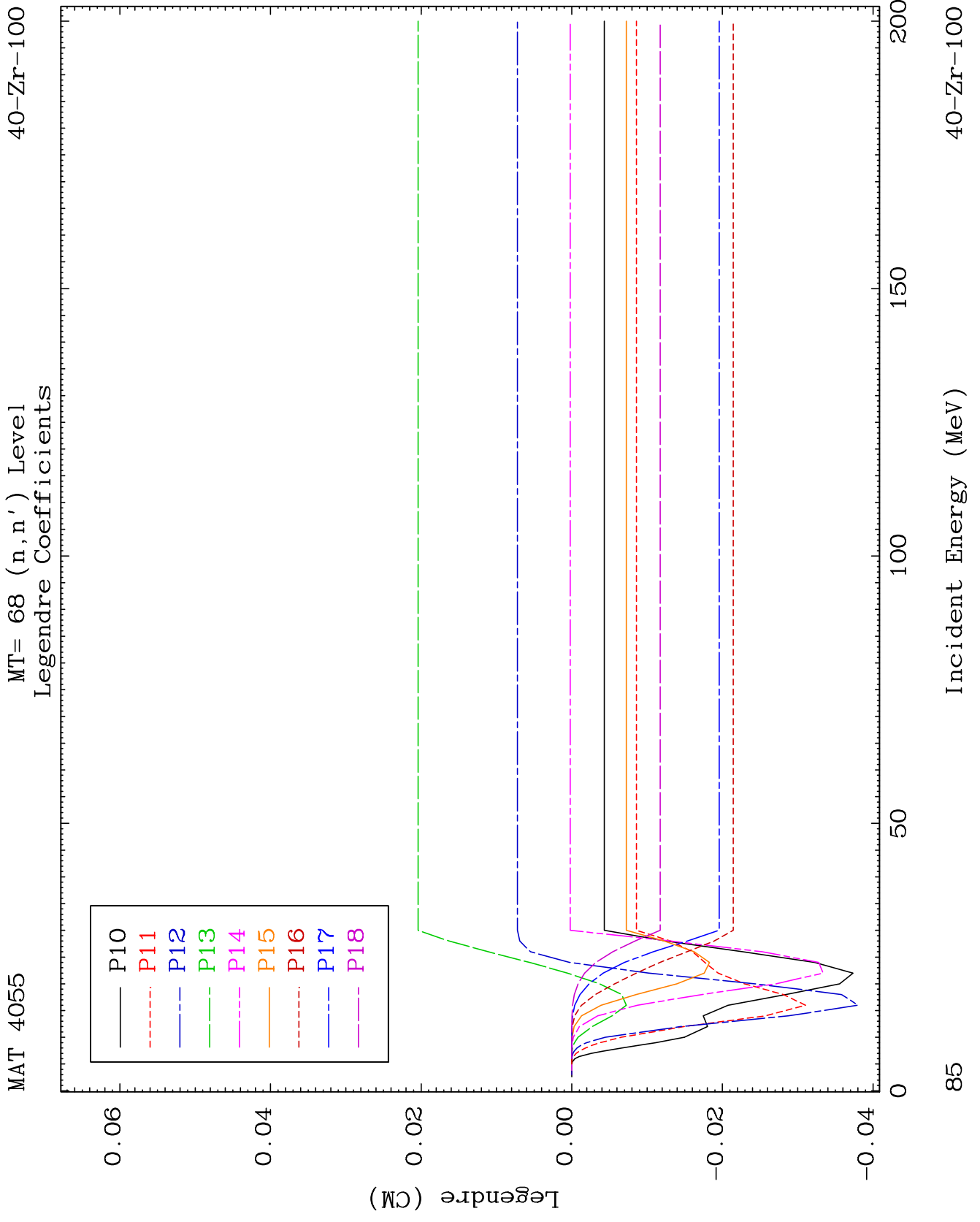


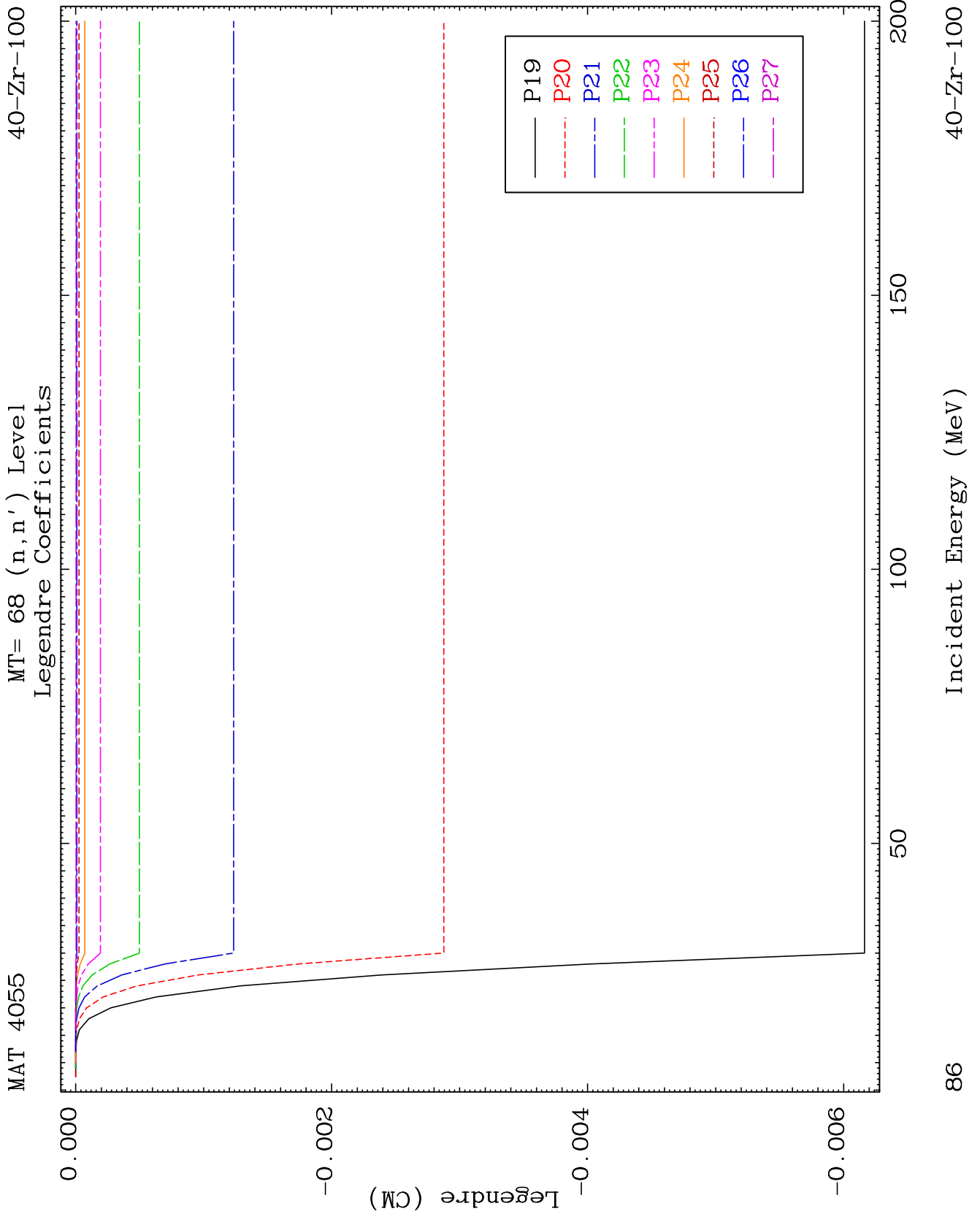
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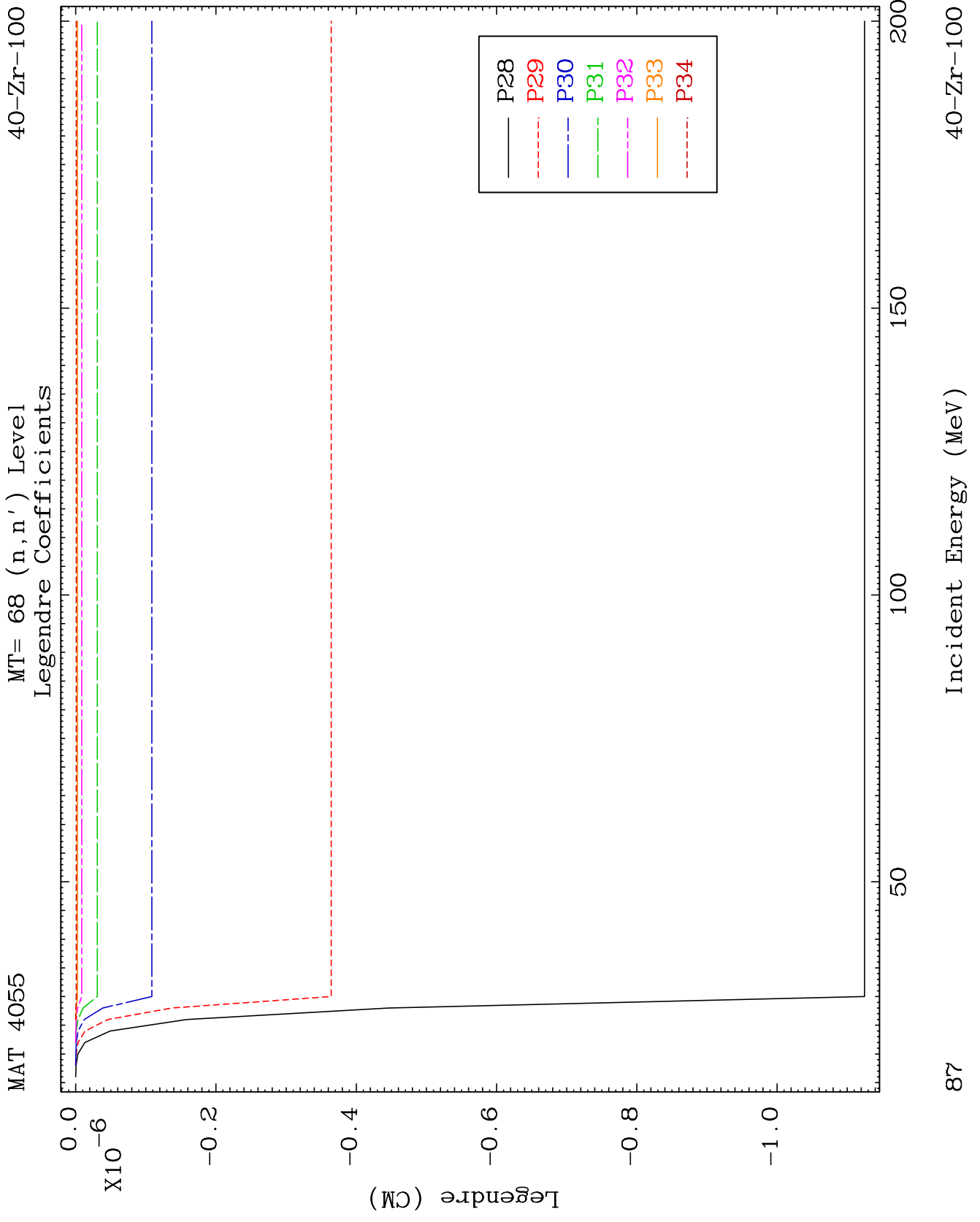


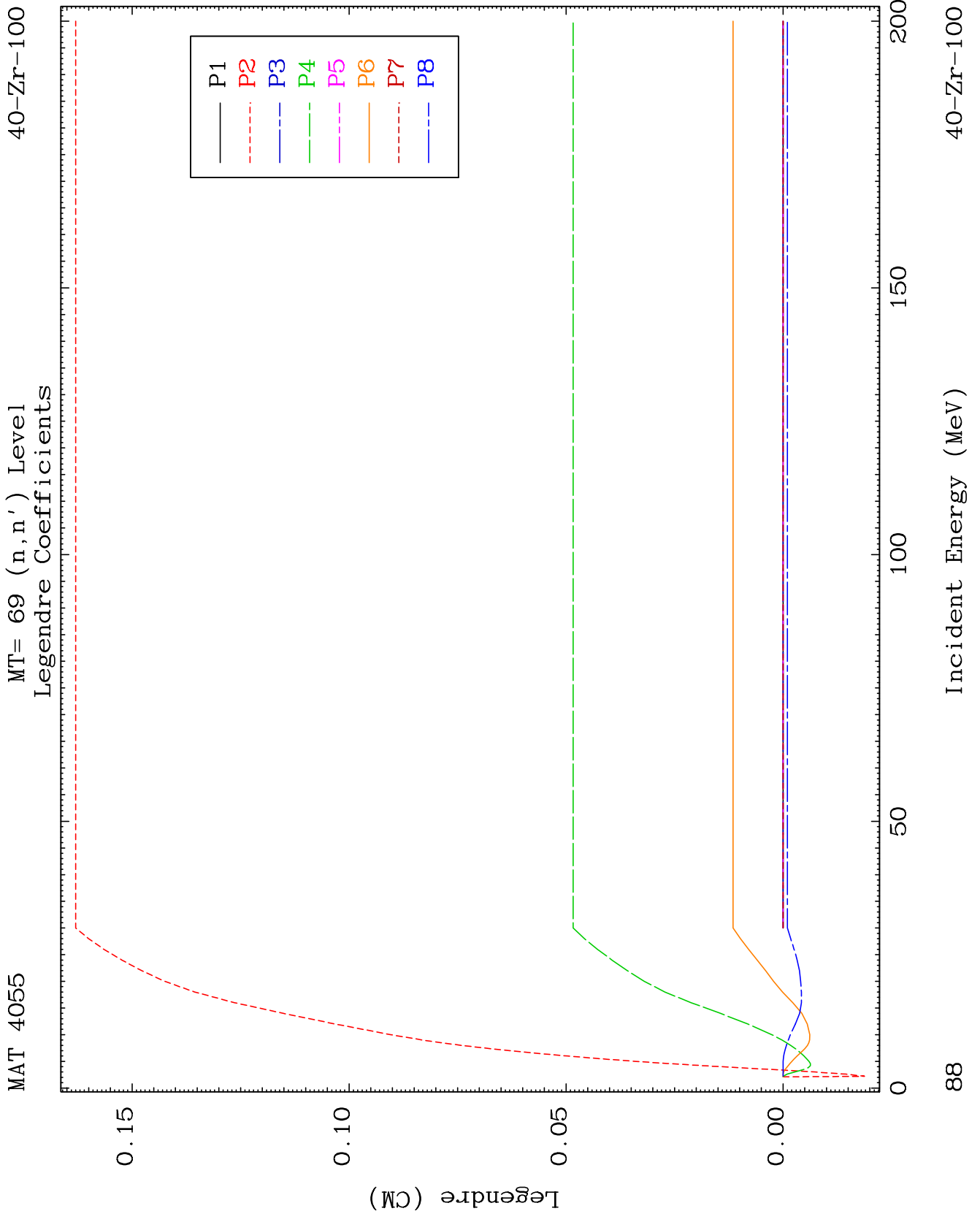


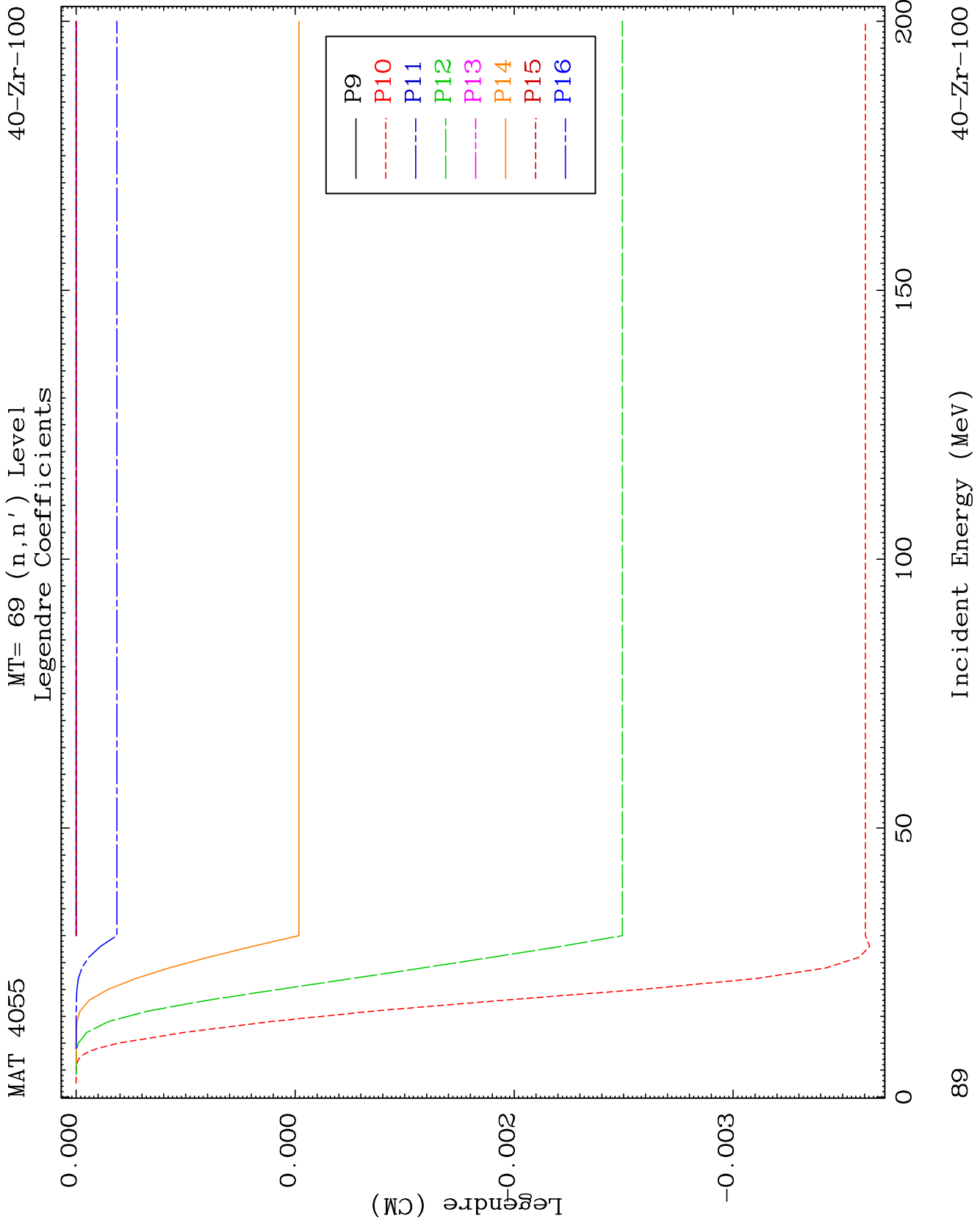


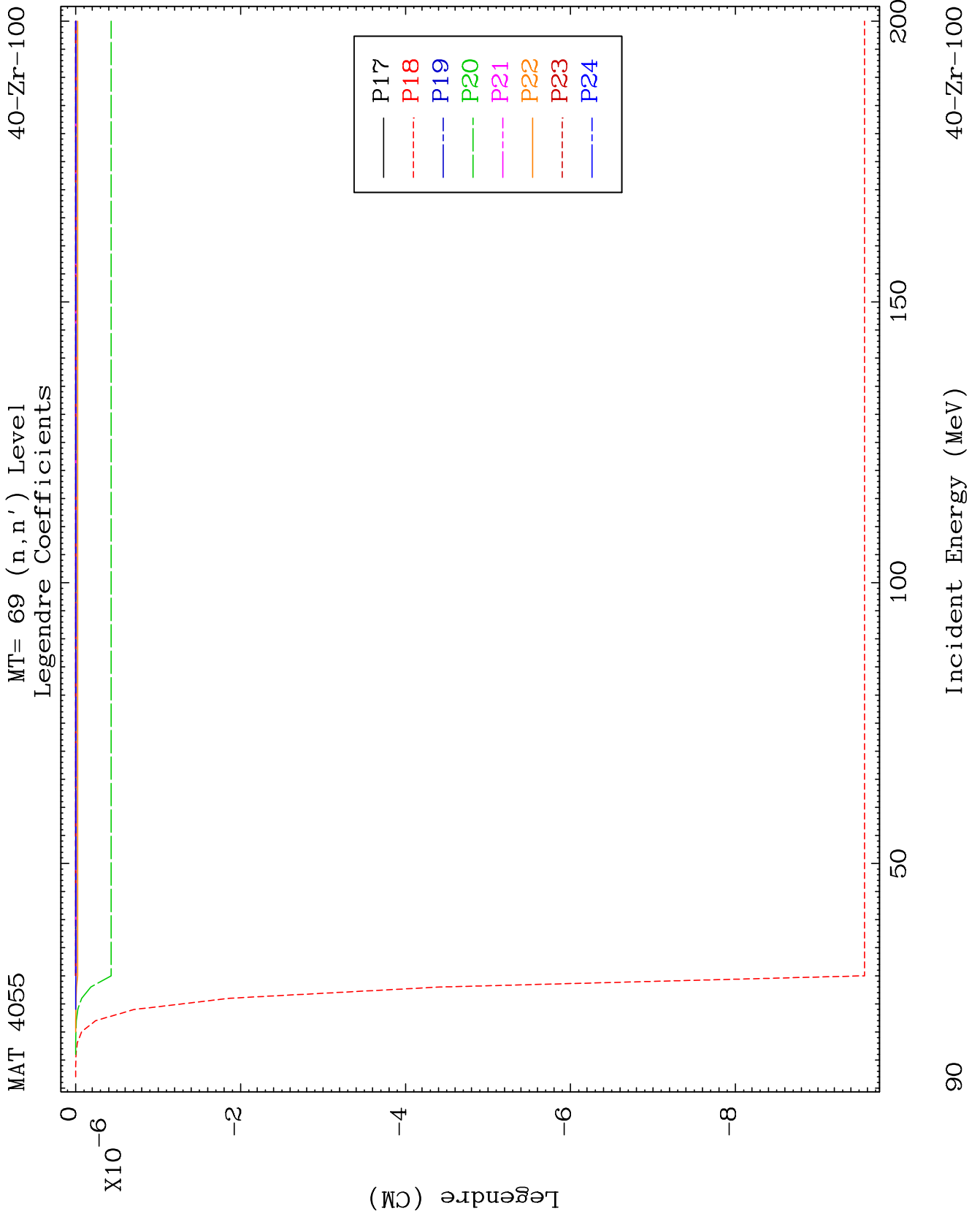


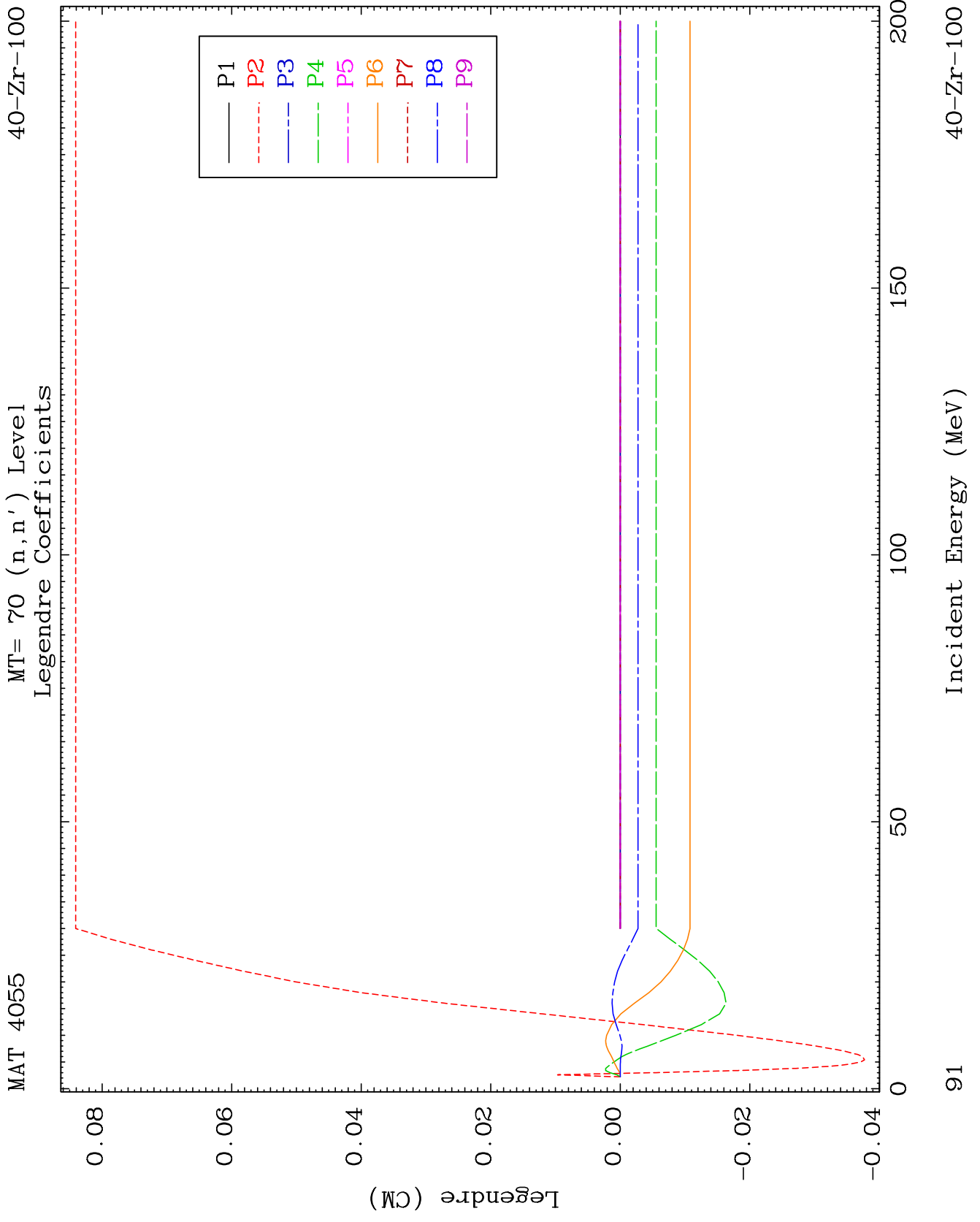








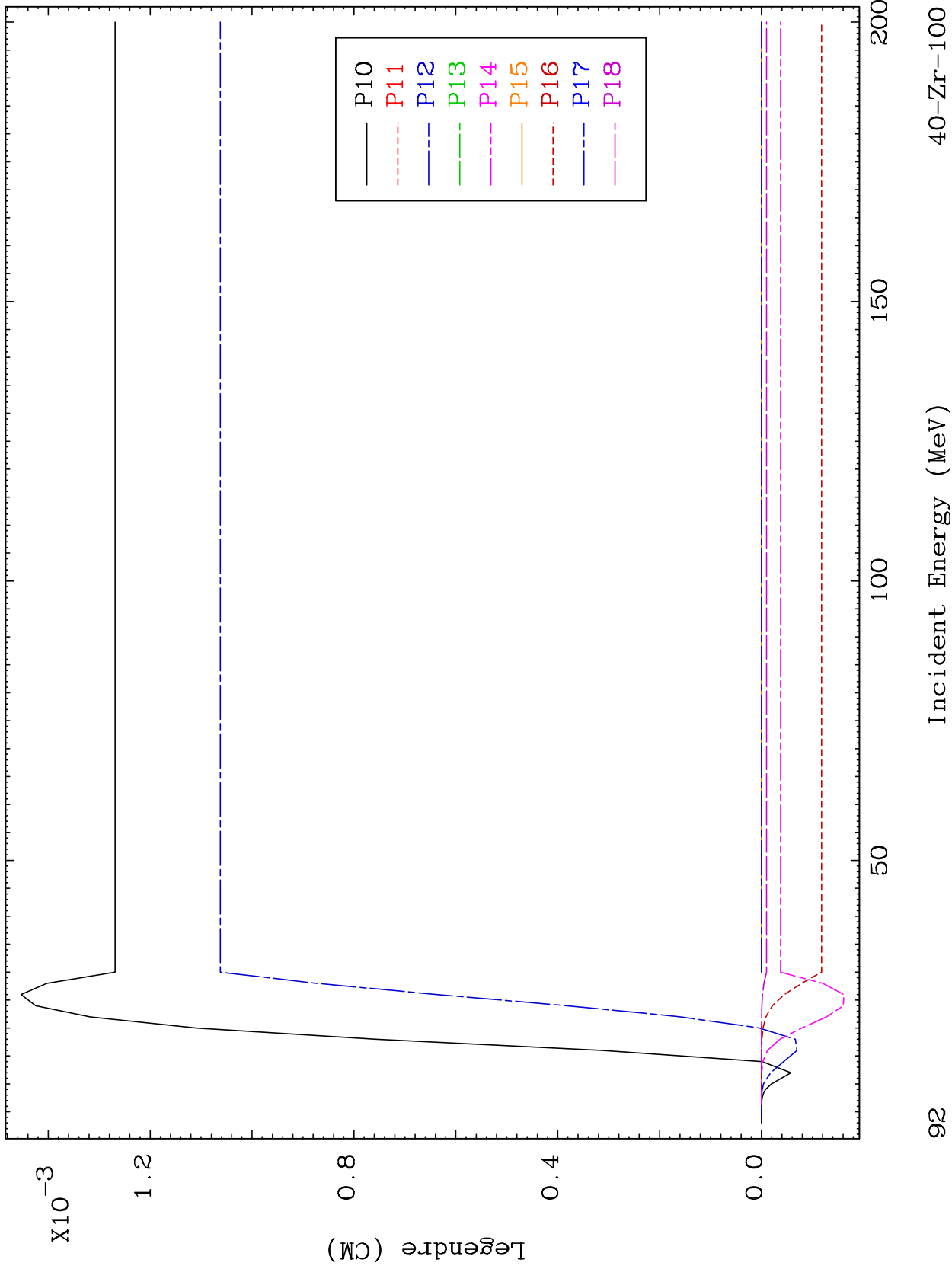


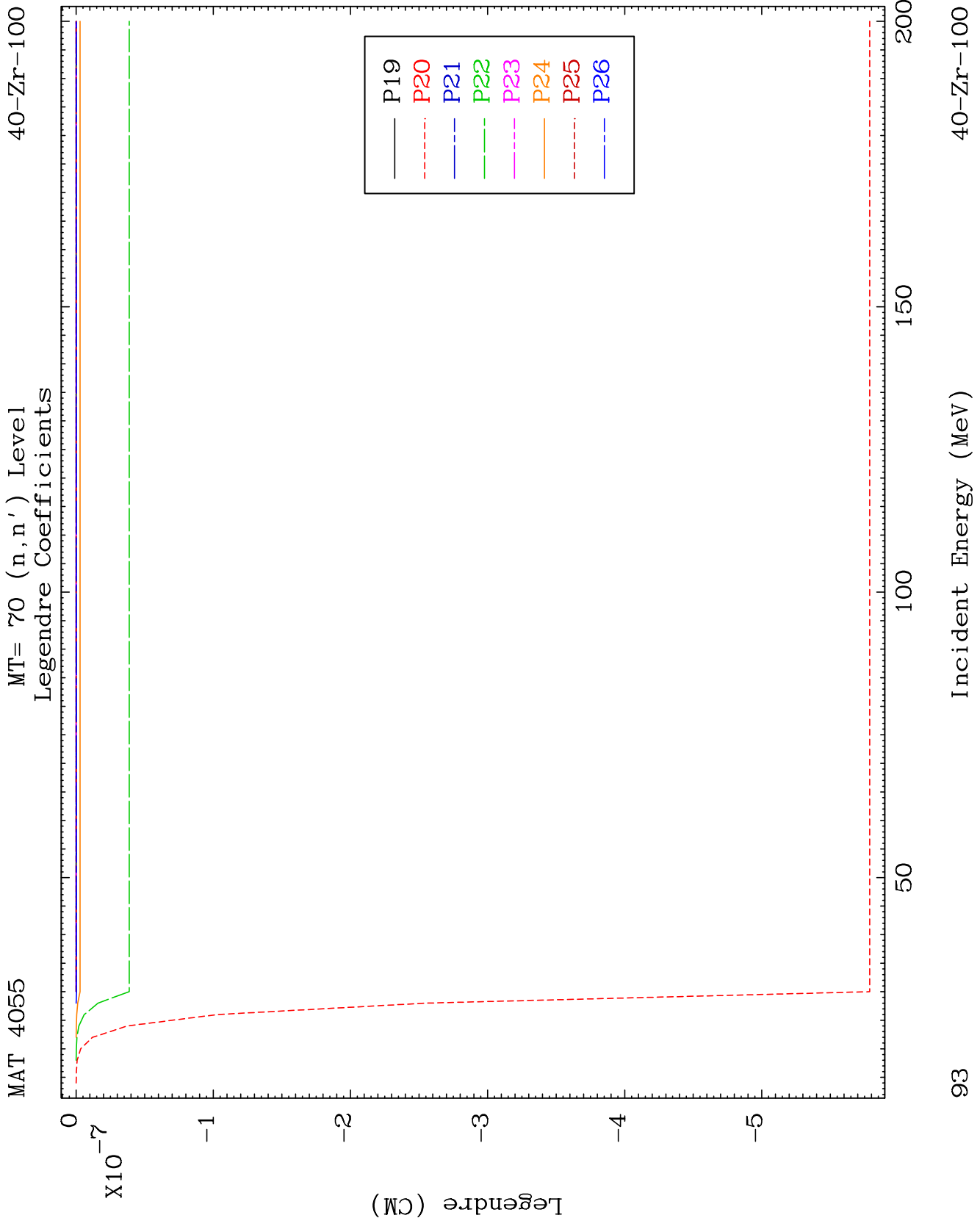


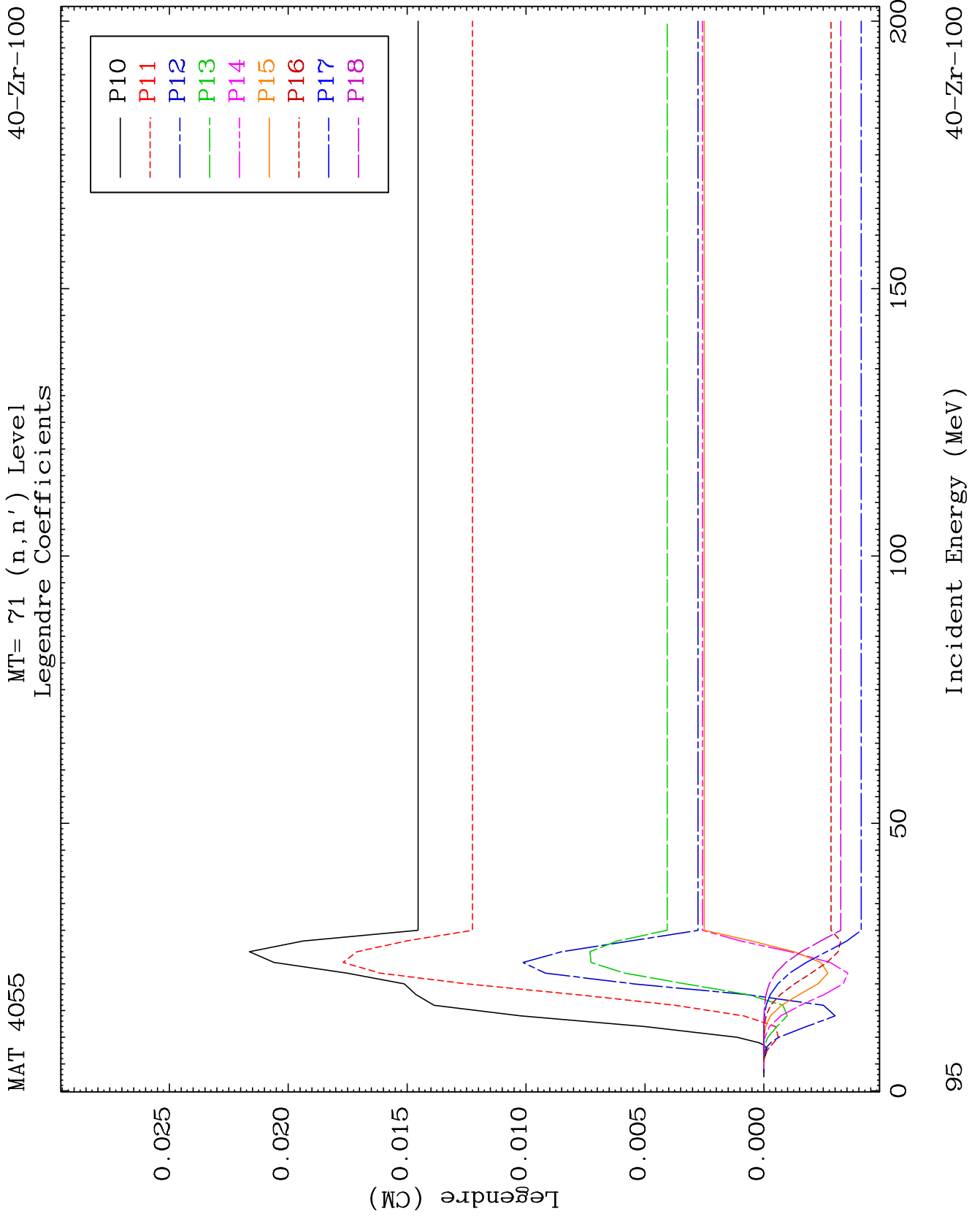
MAT 4055

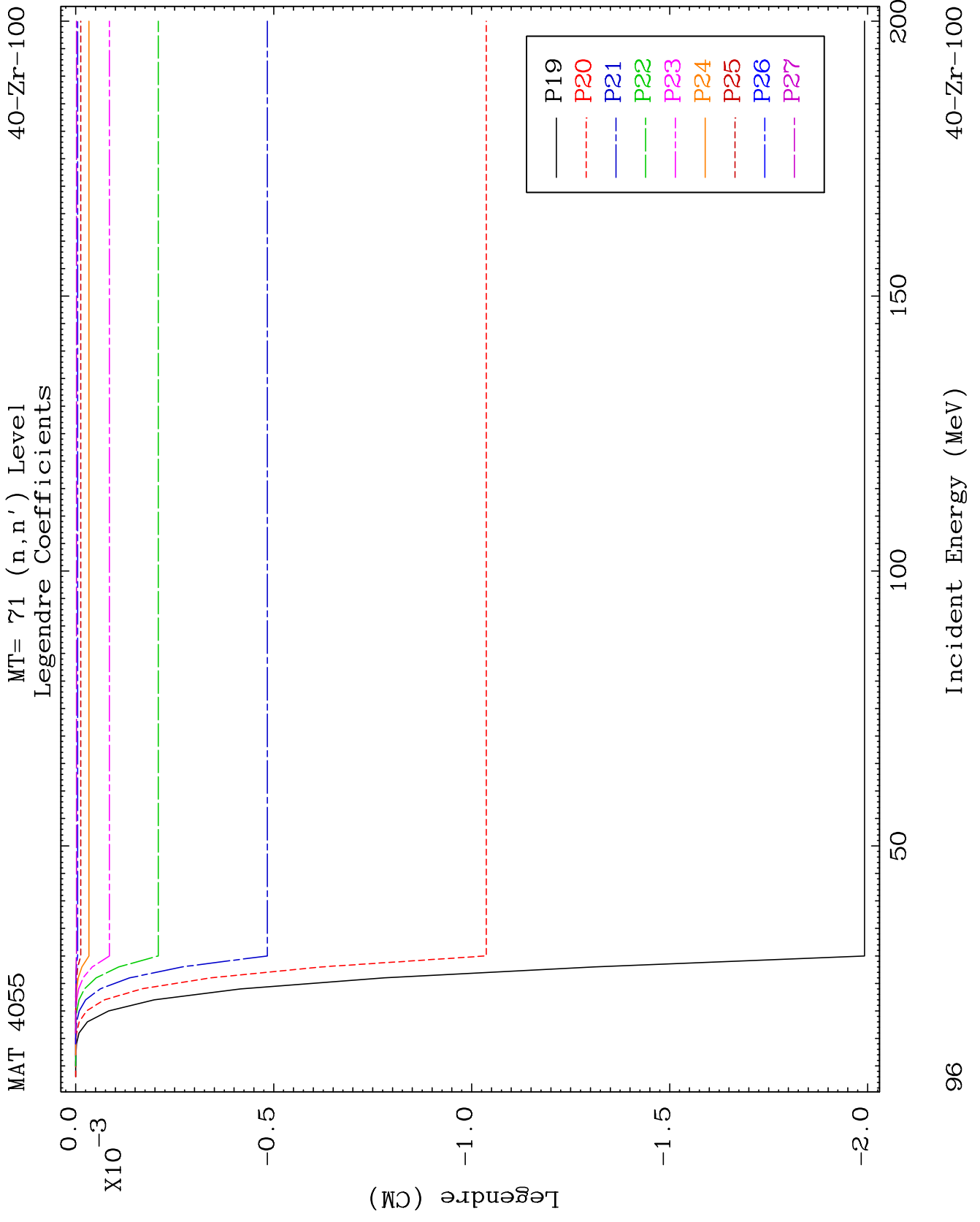
MT= 70 (n,n') Level
Legendre Coefficients

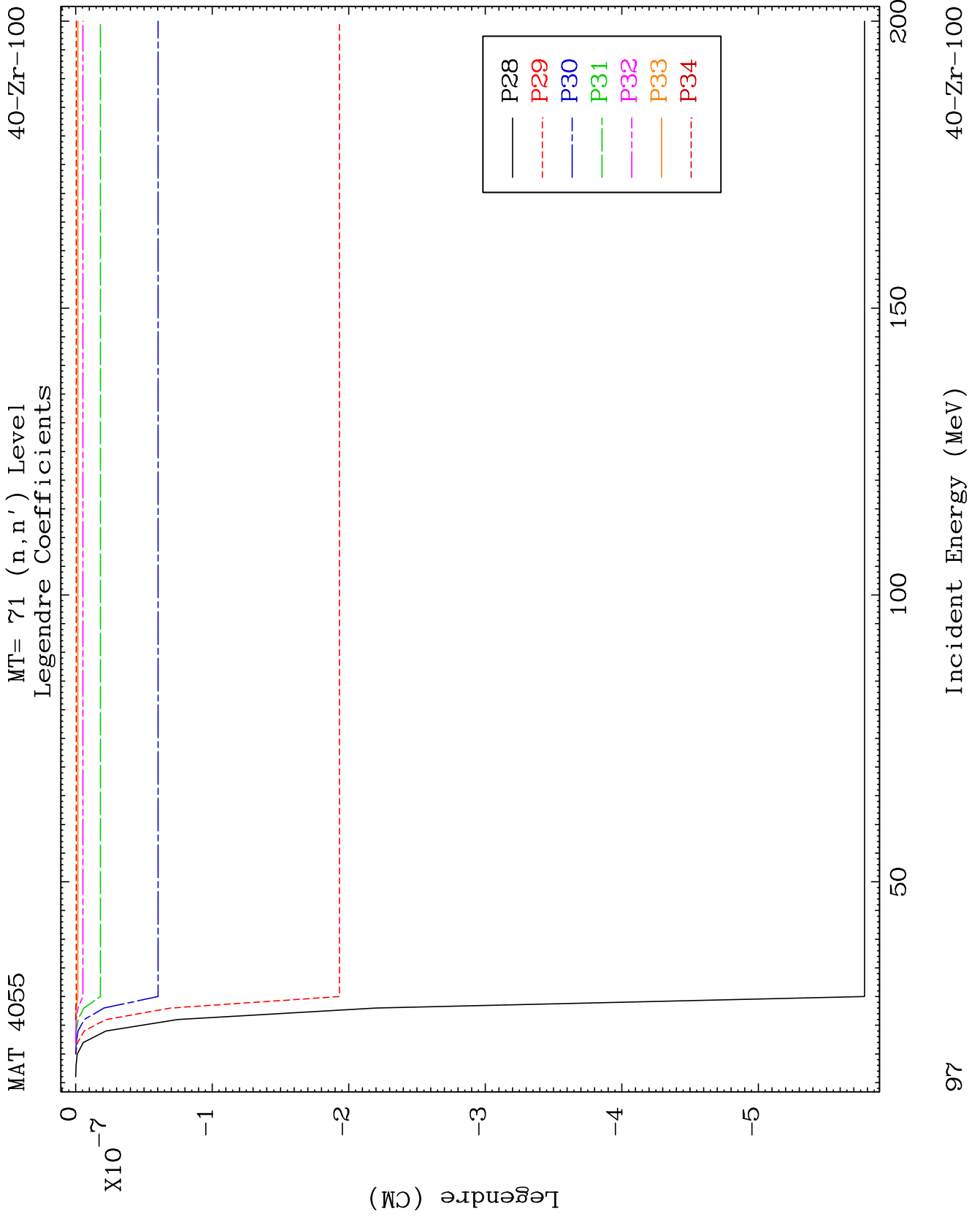
40-Zr-100

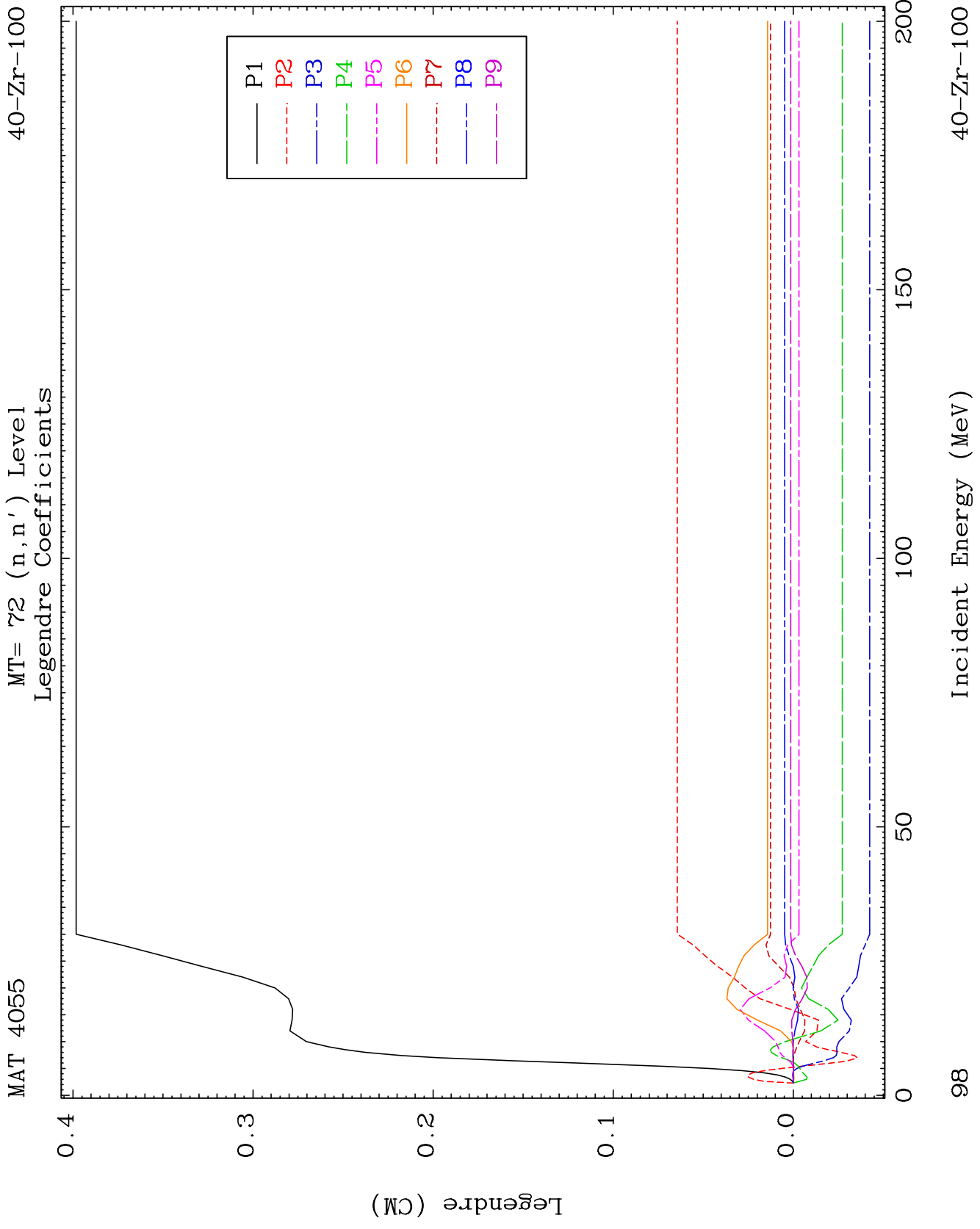


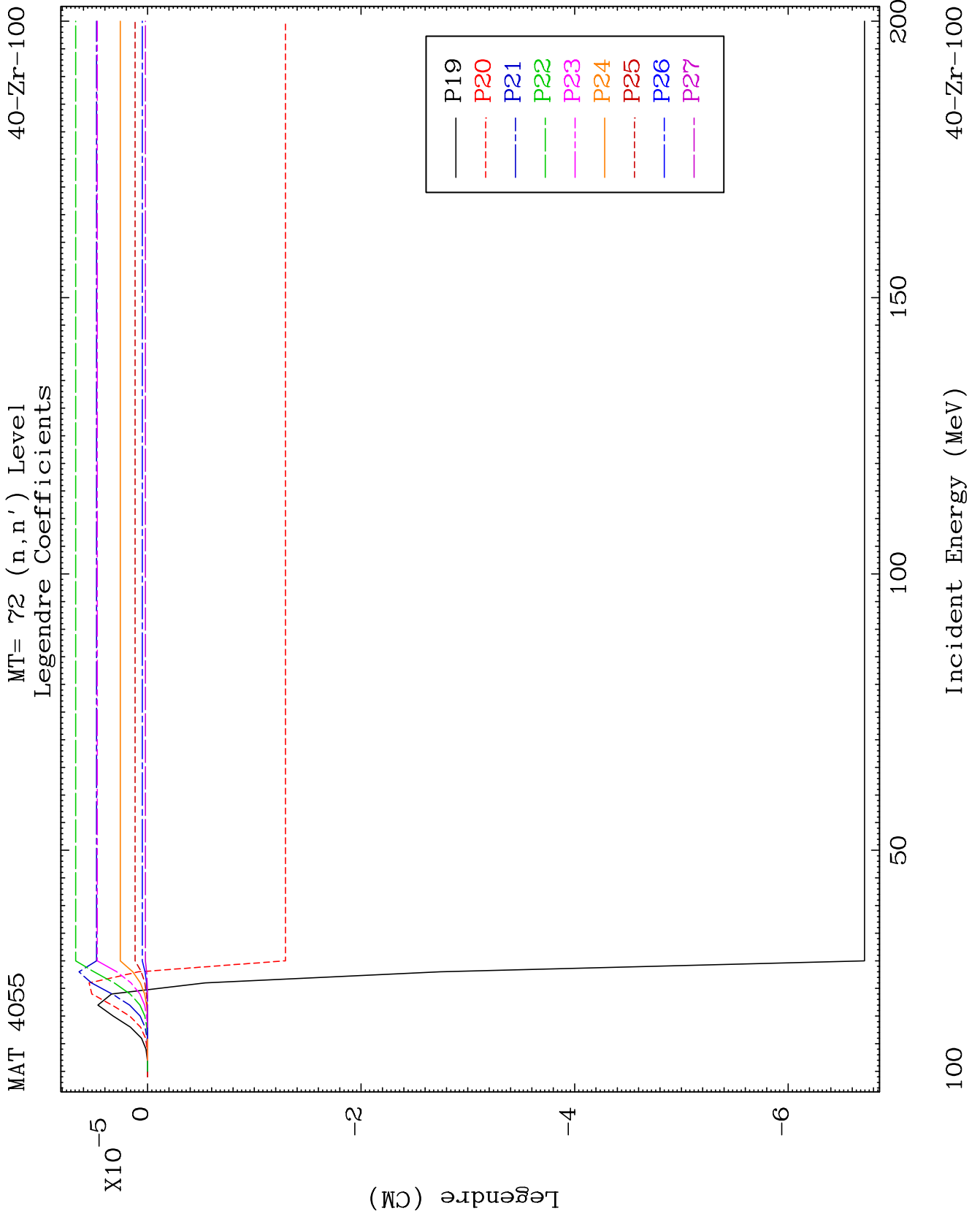


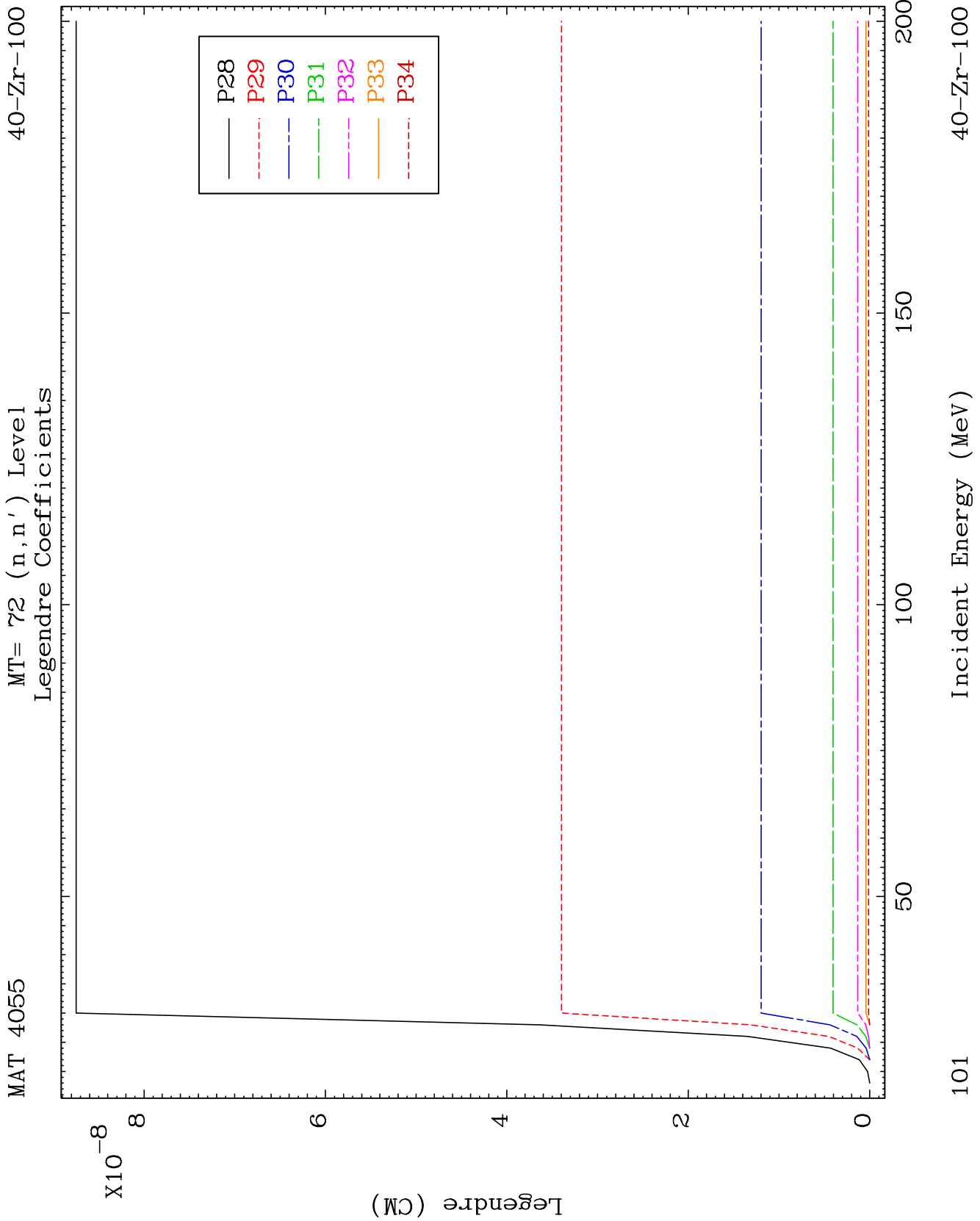


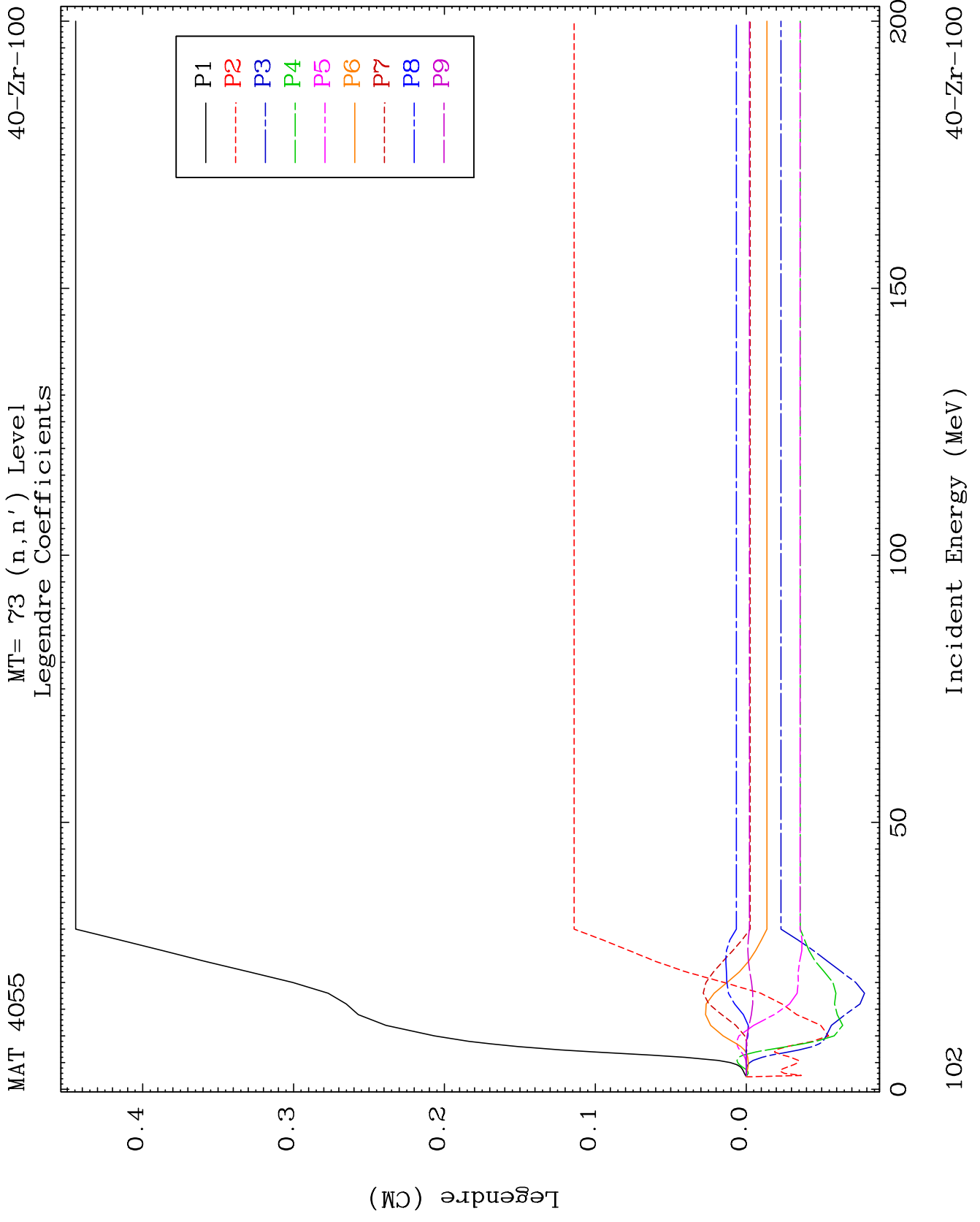


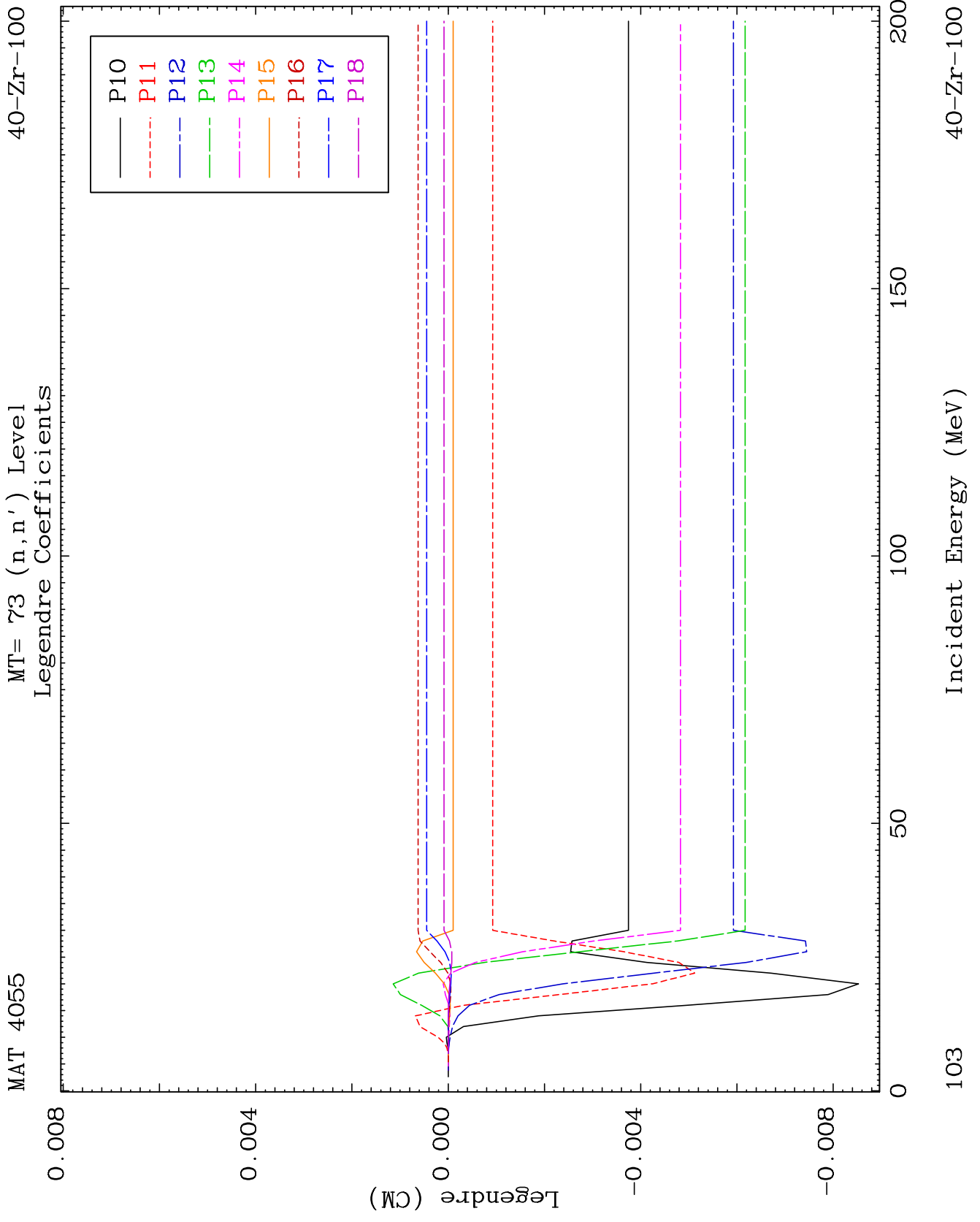


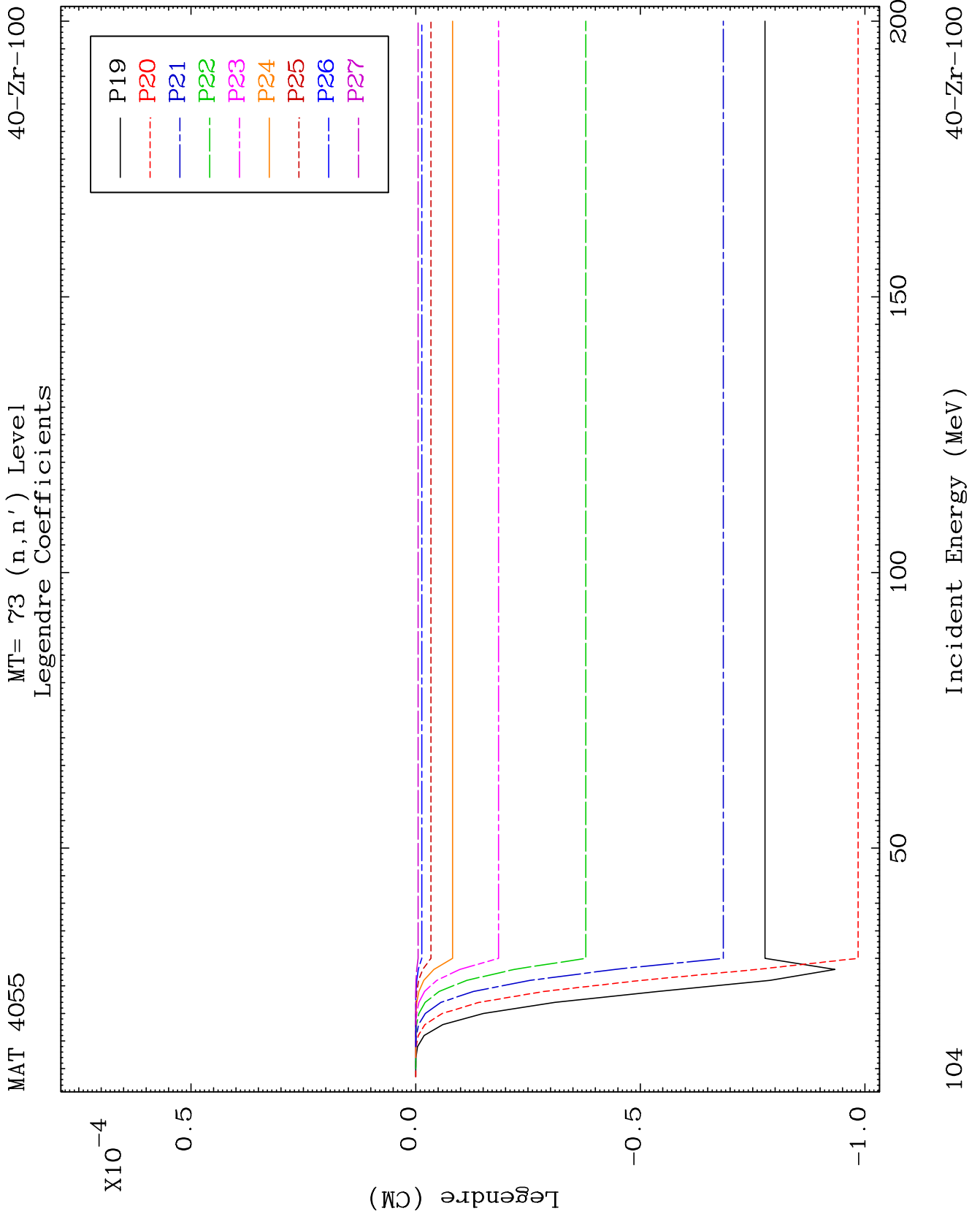


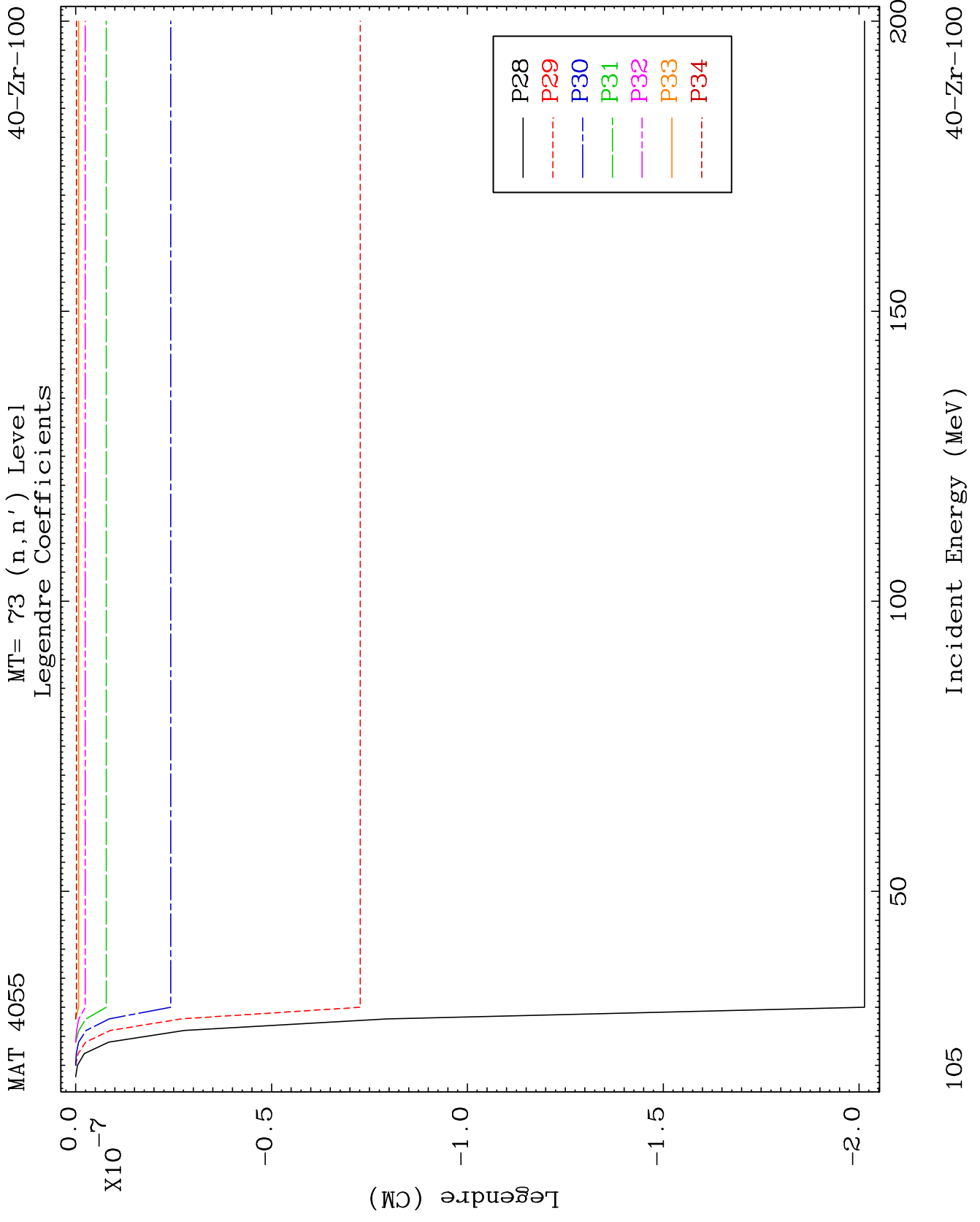


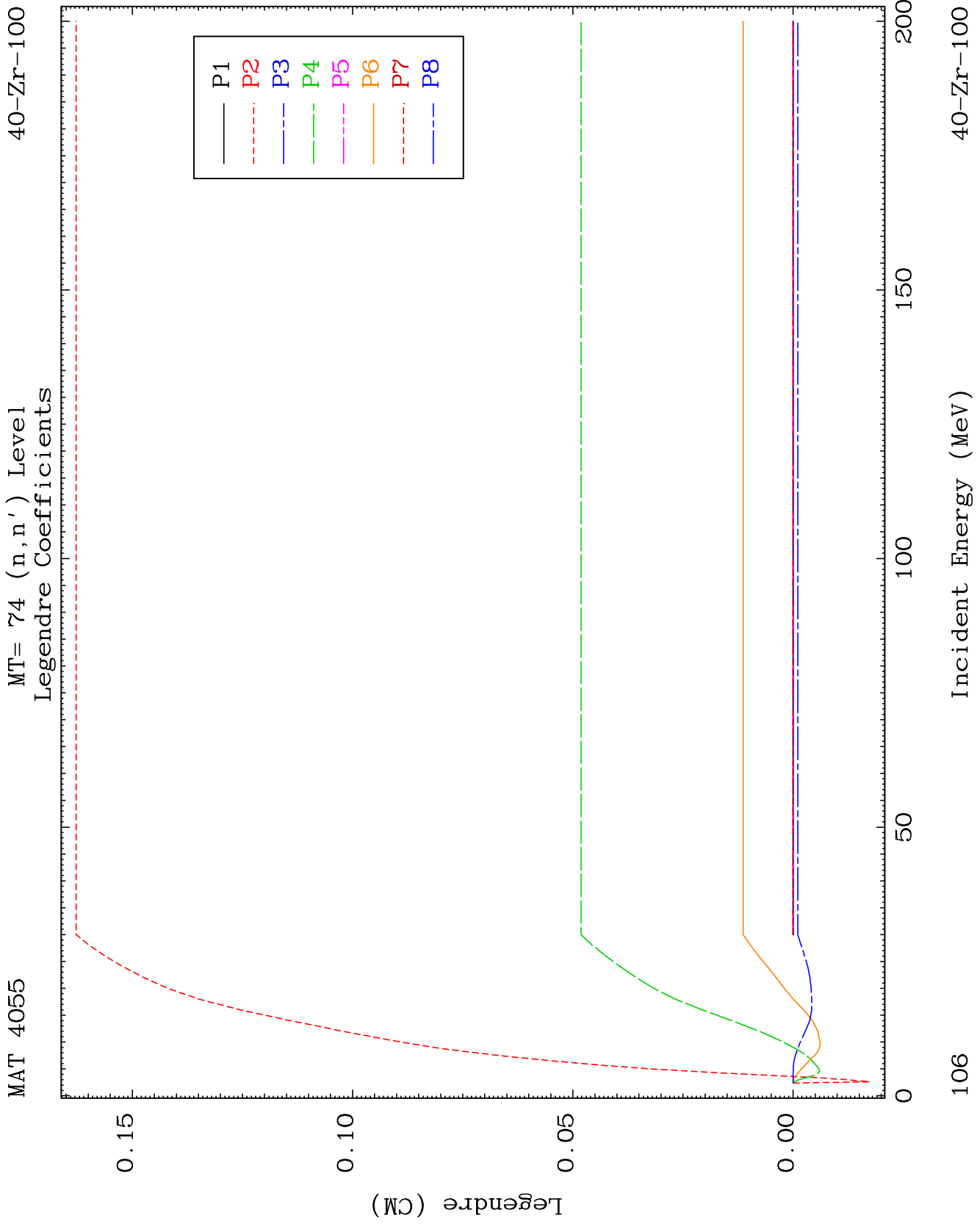


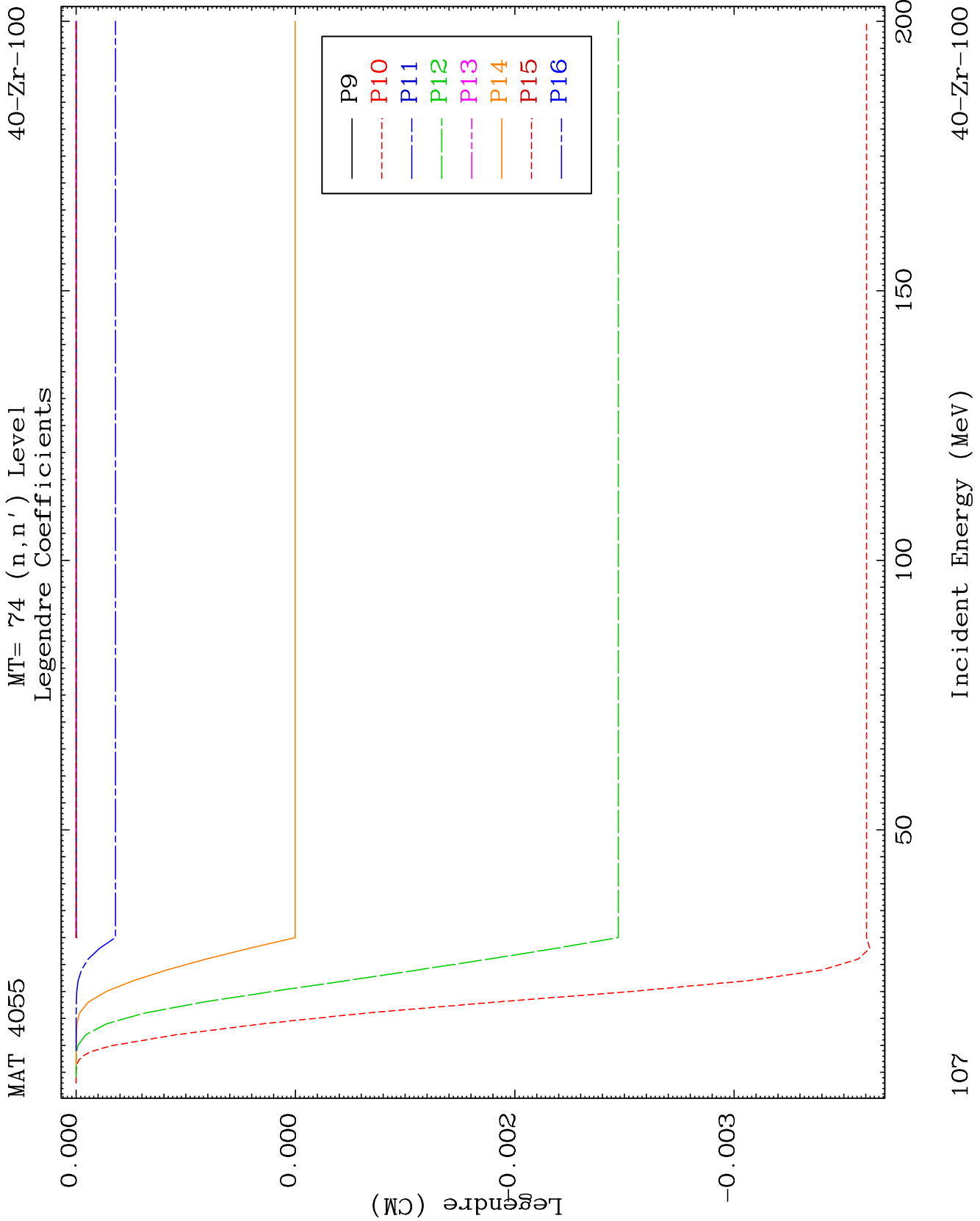


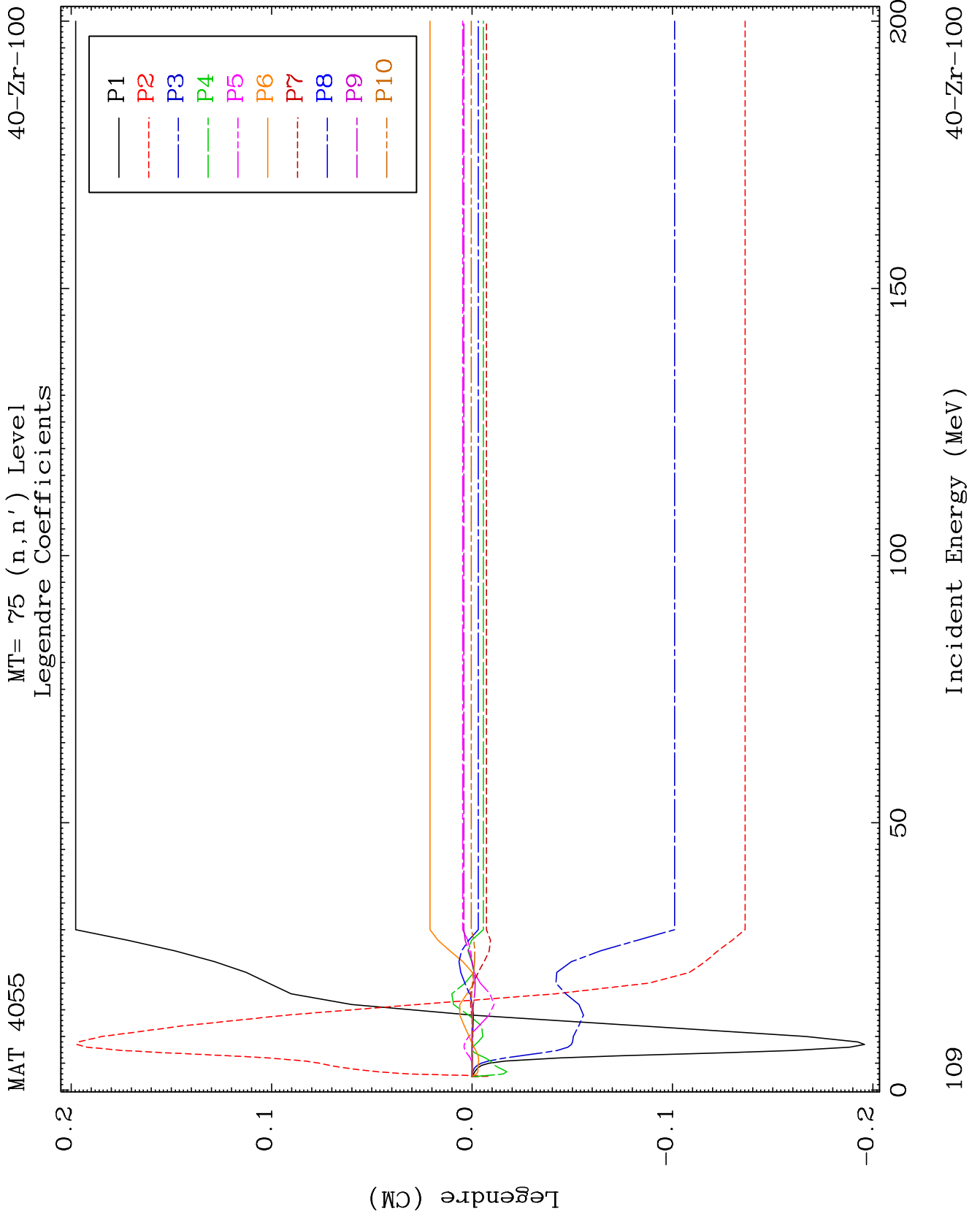


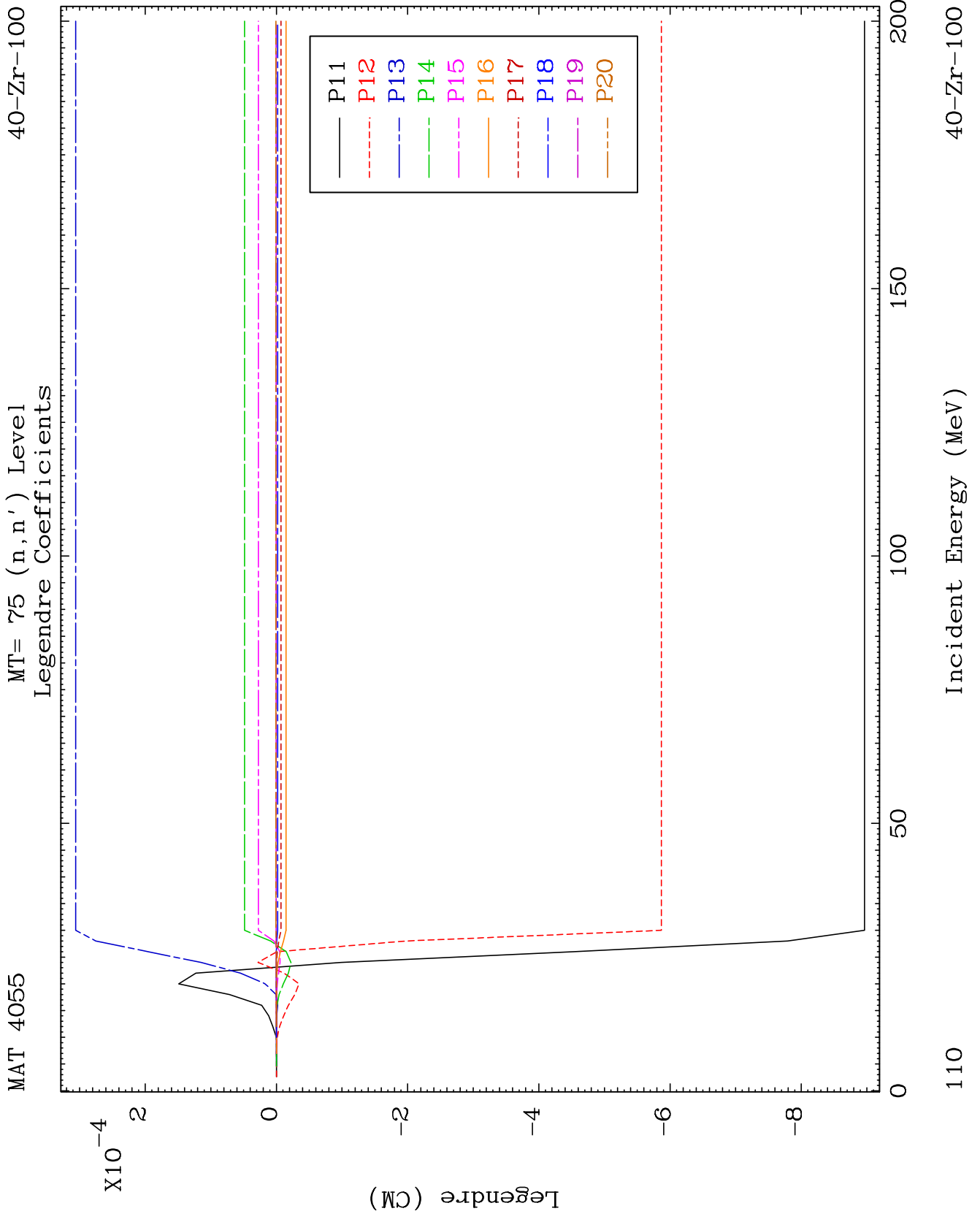


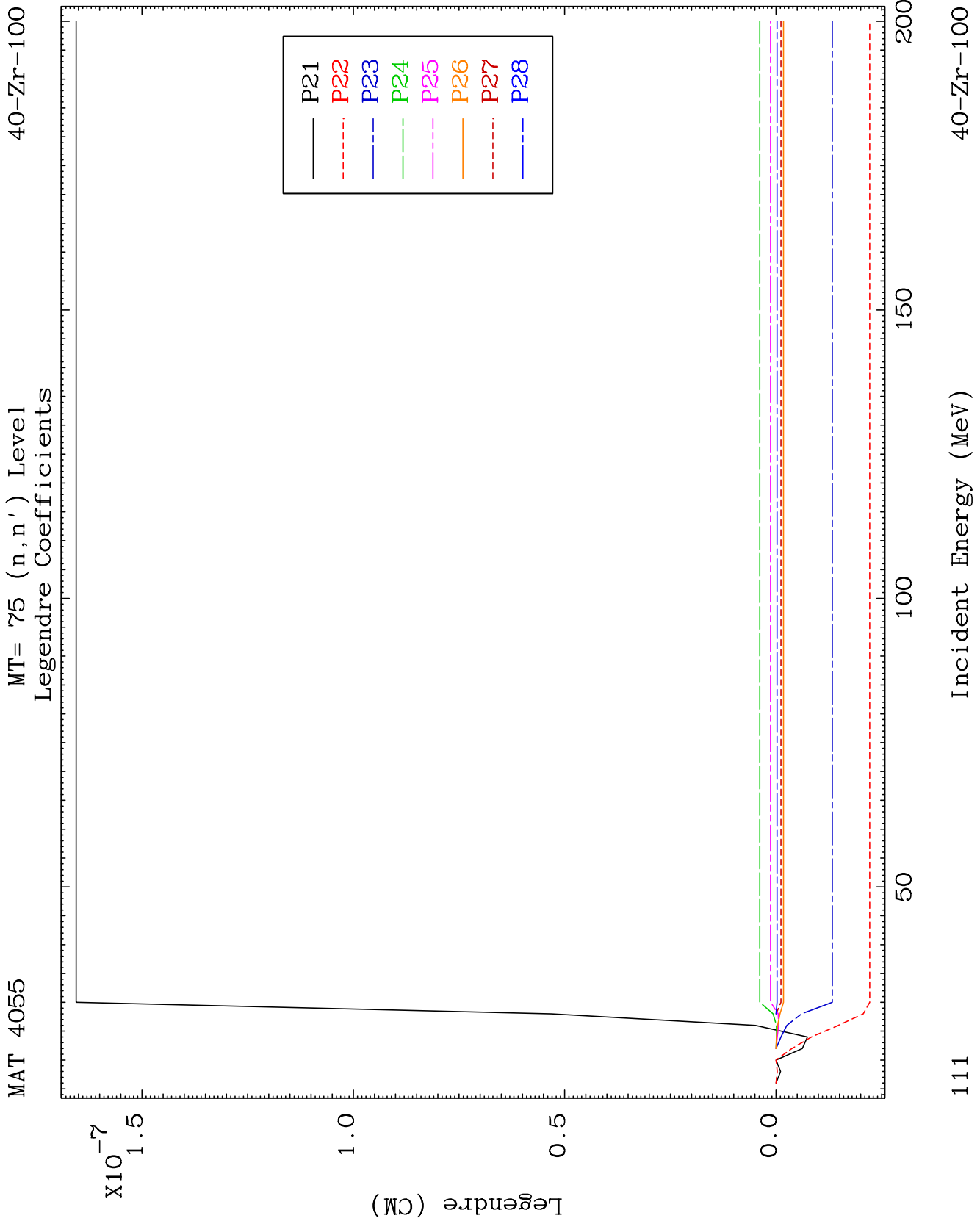


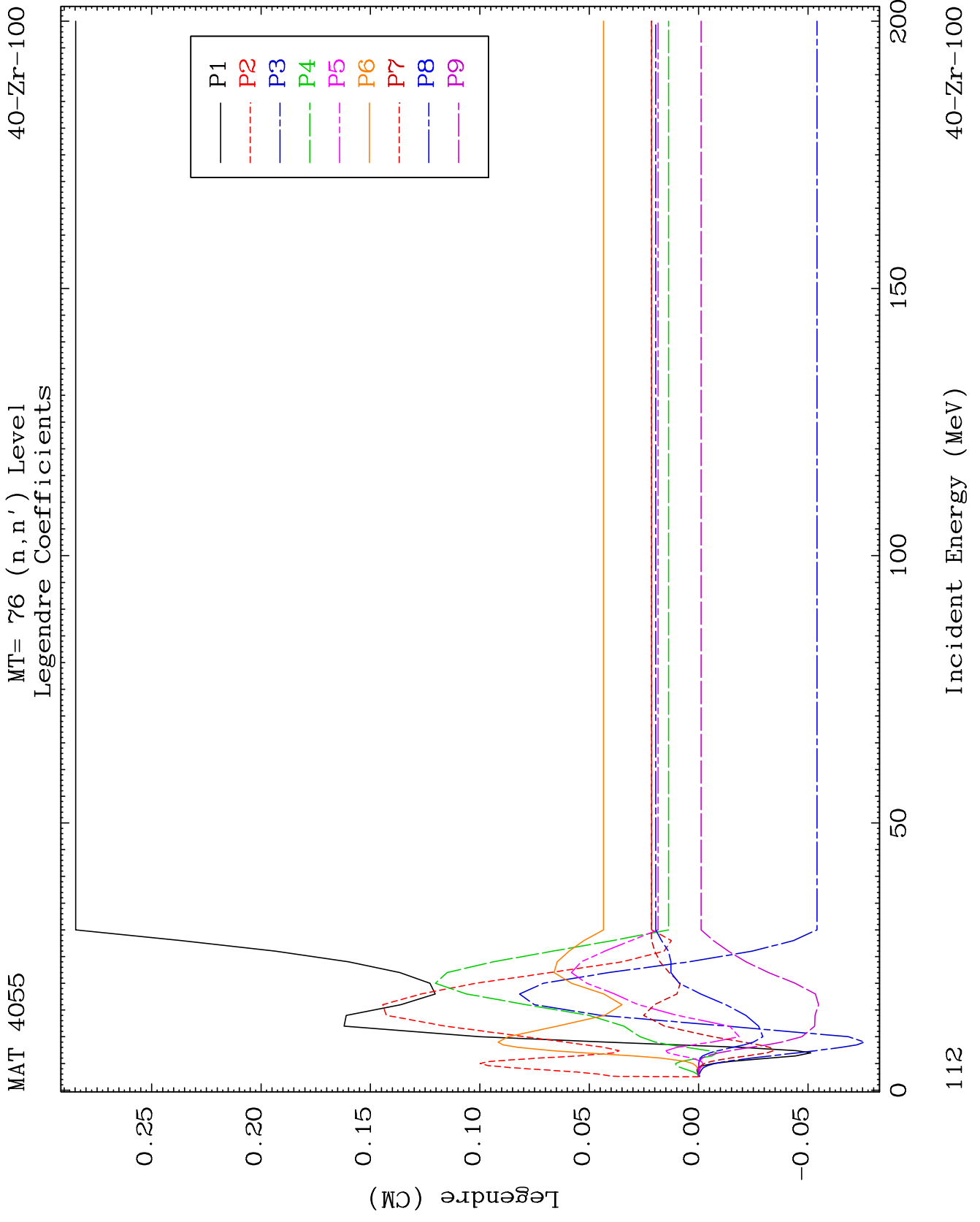








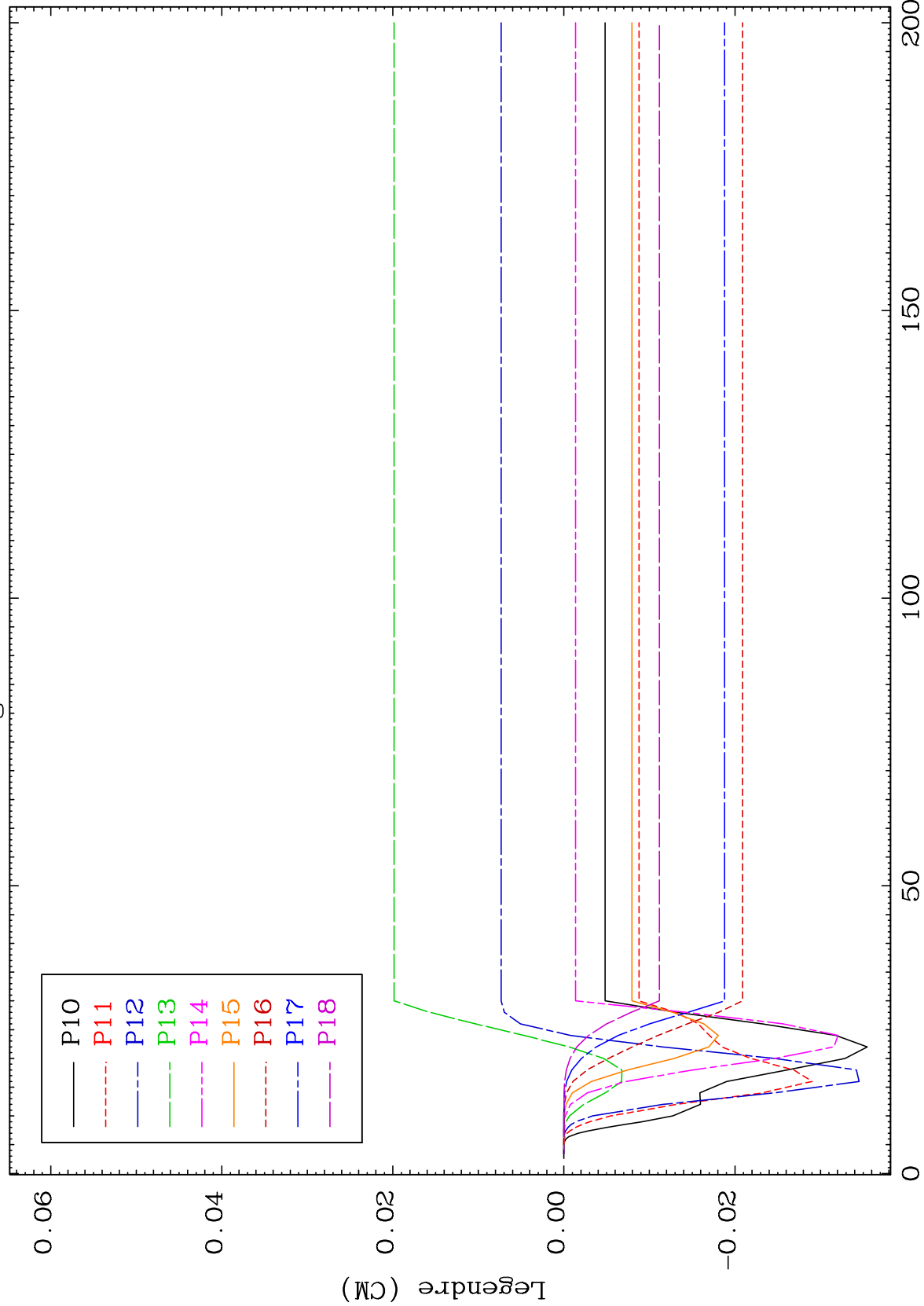




MAT 4055

MT= 76 (n,n') Level
Legendre Coefficients

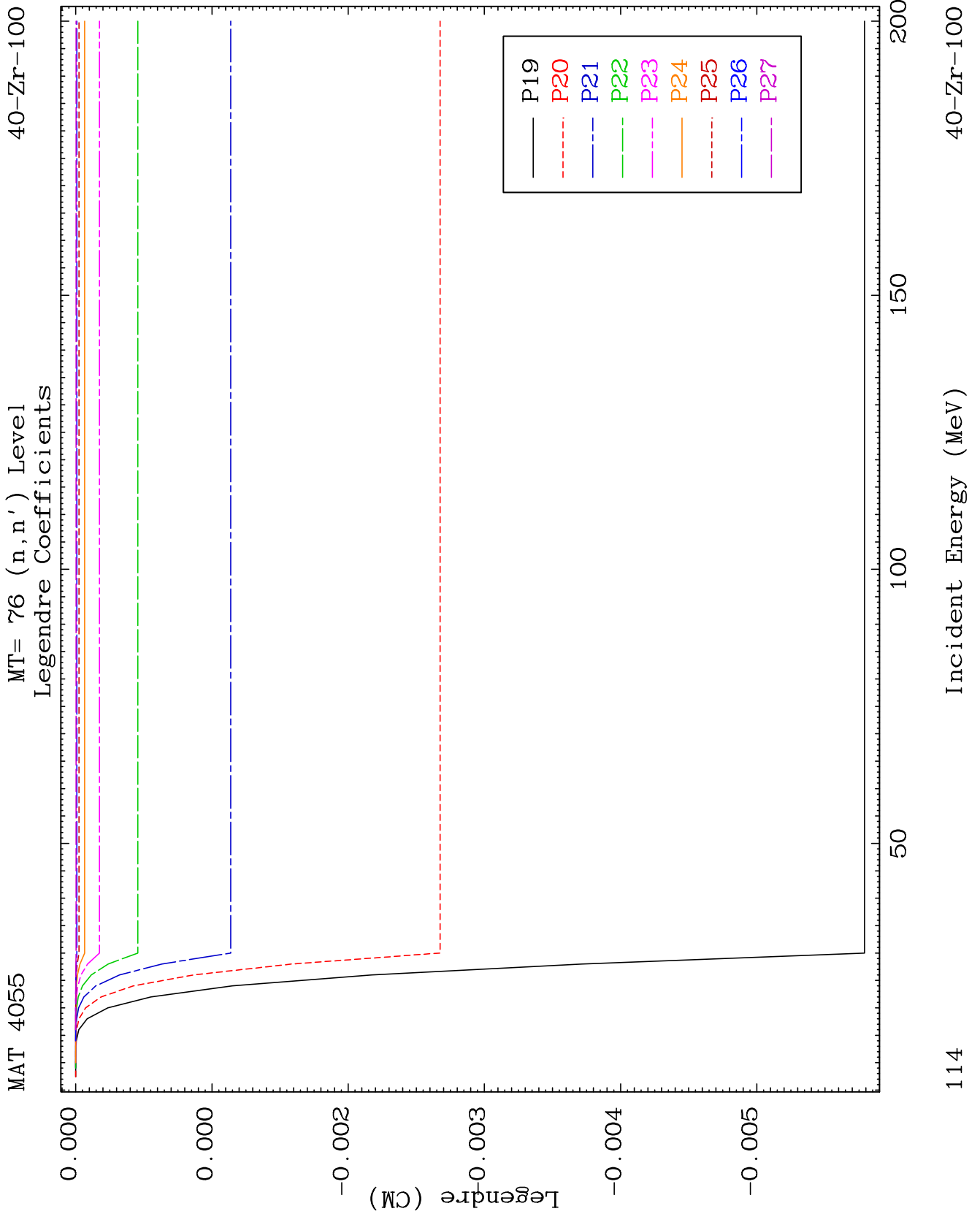
40-Zr-100

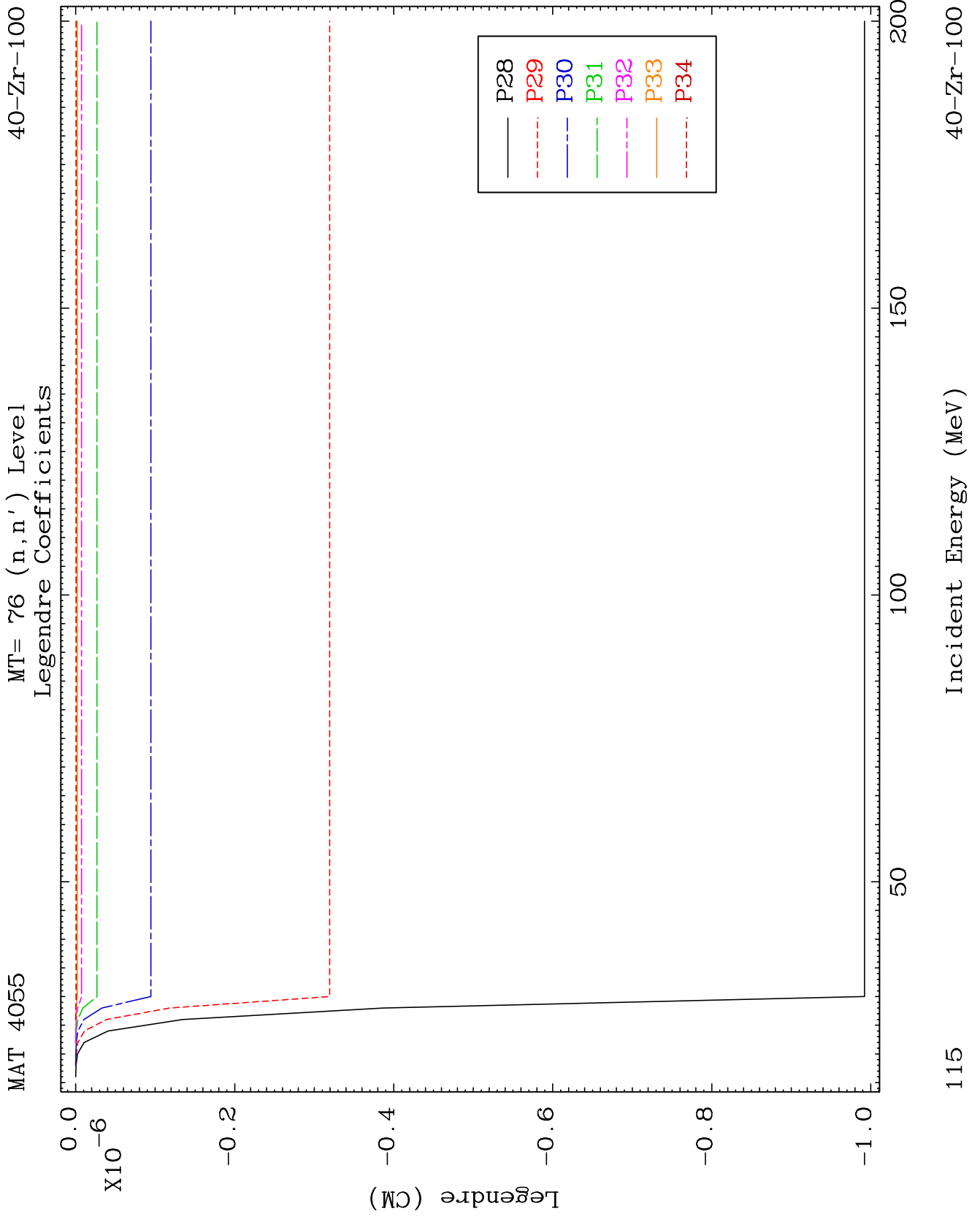


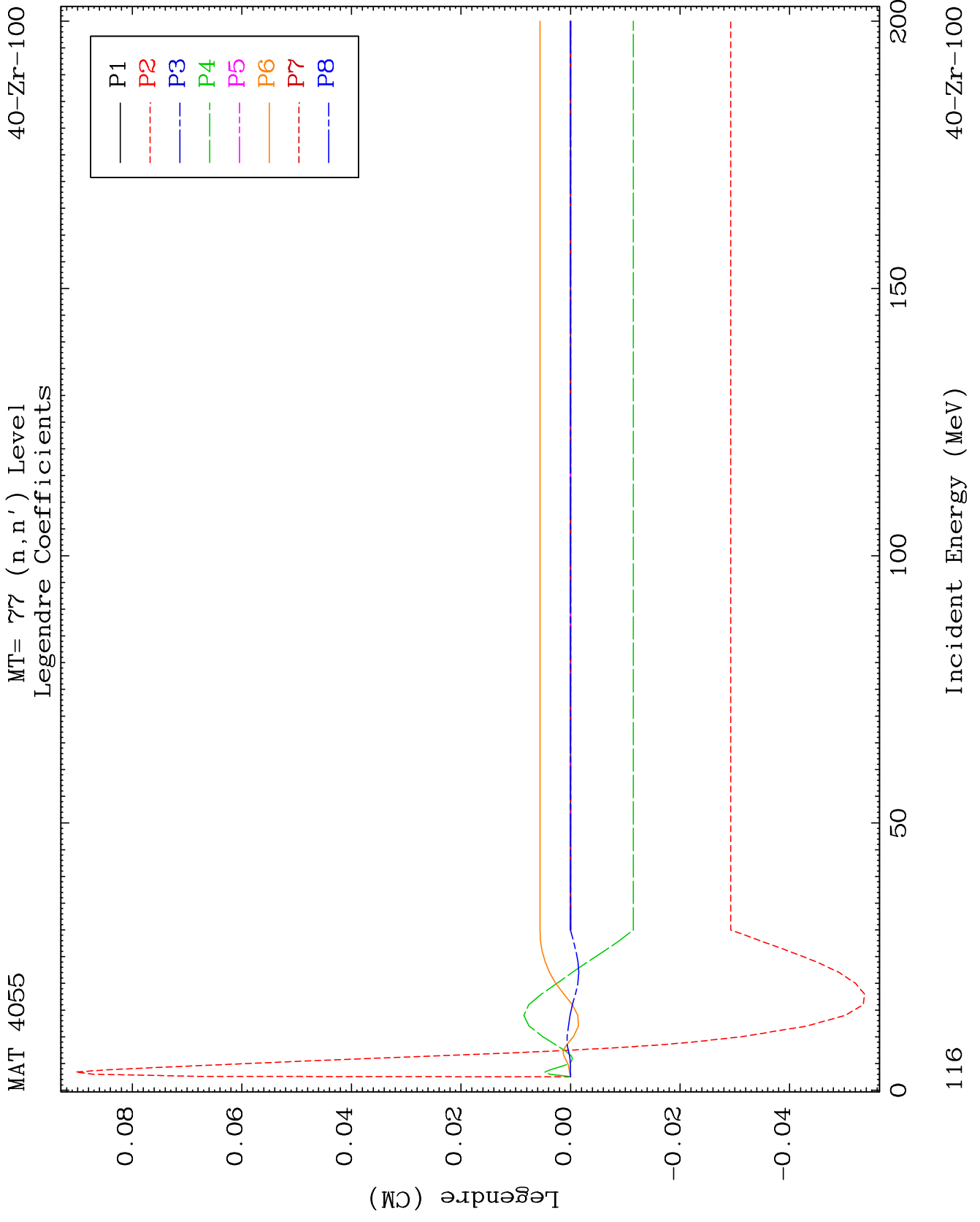
113

Incident Energy (MeV)

40-Zr-100



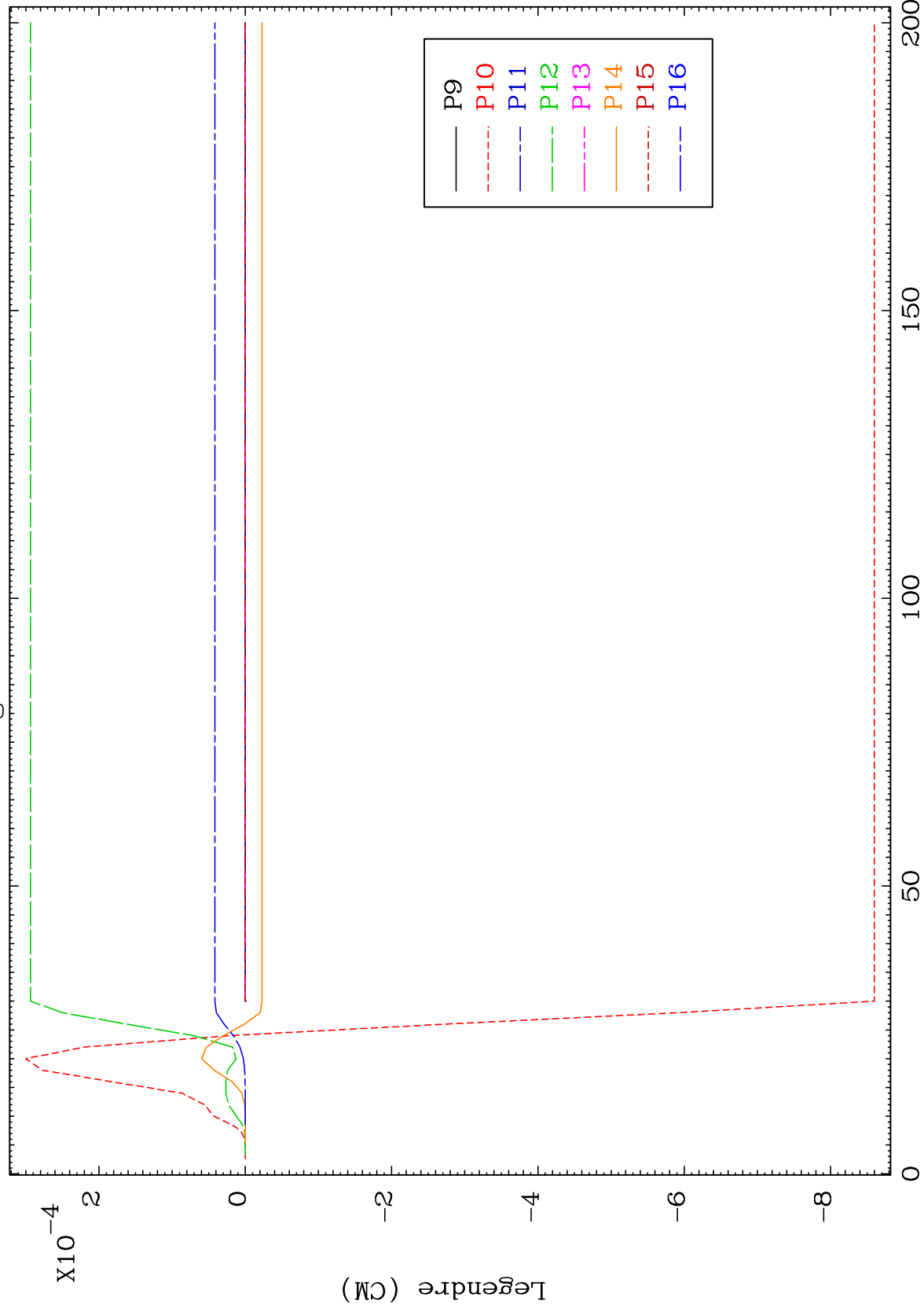




MAT 4055

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

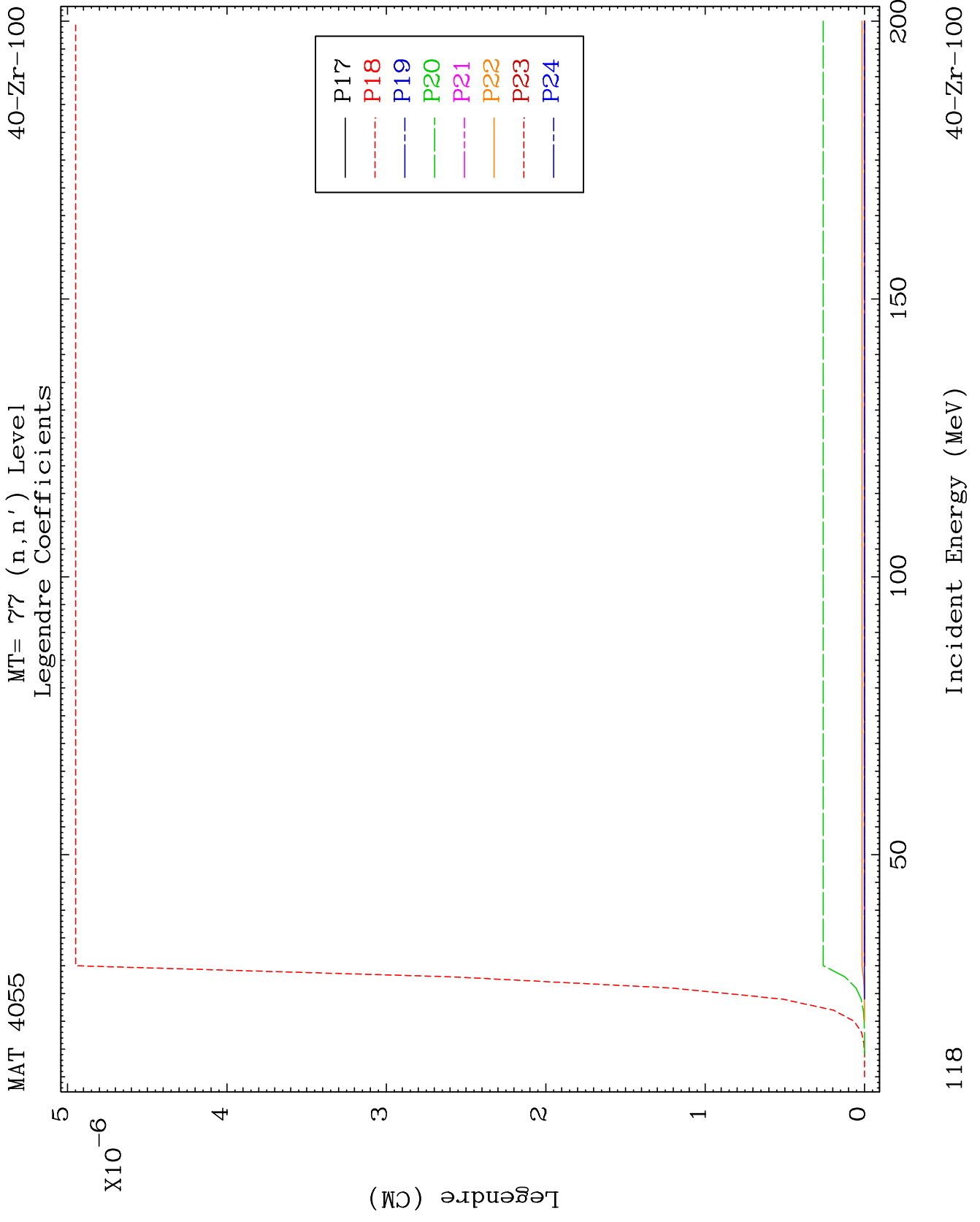
40-Zr-100

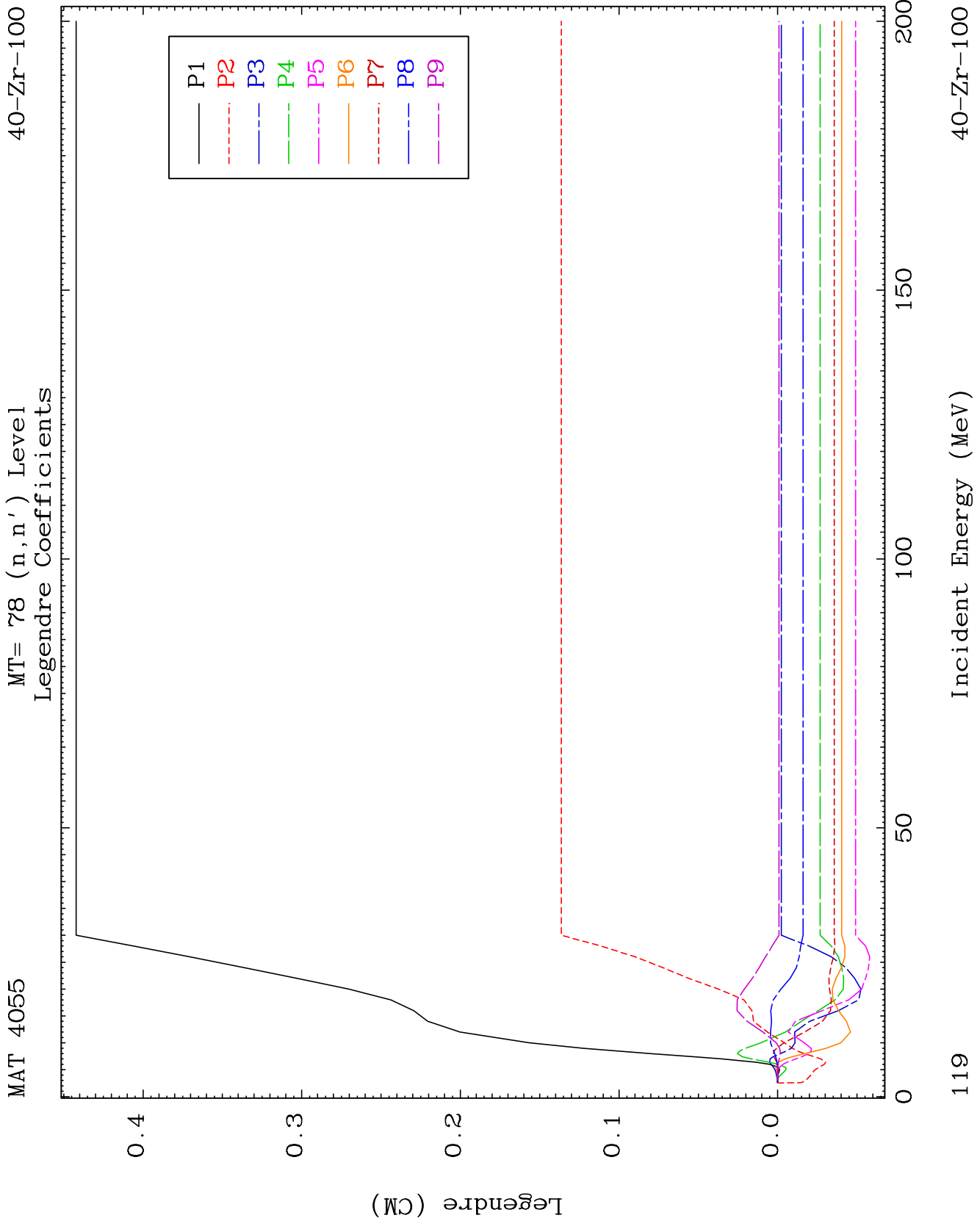


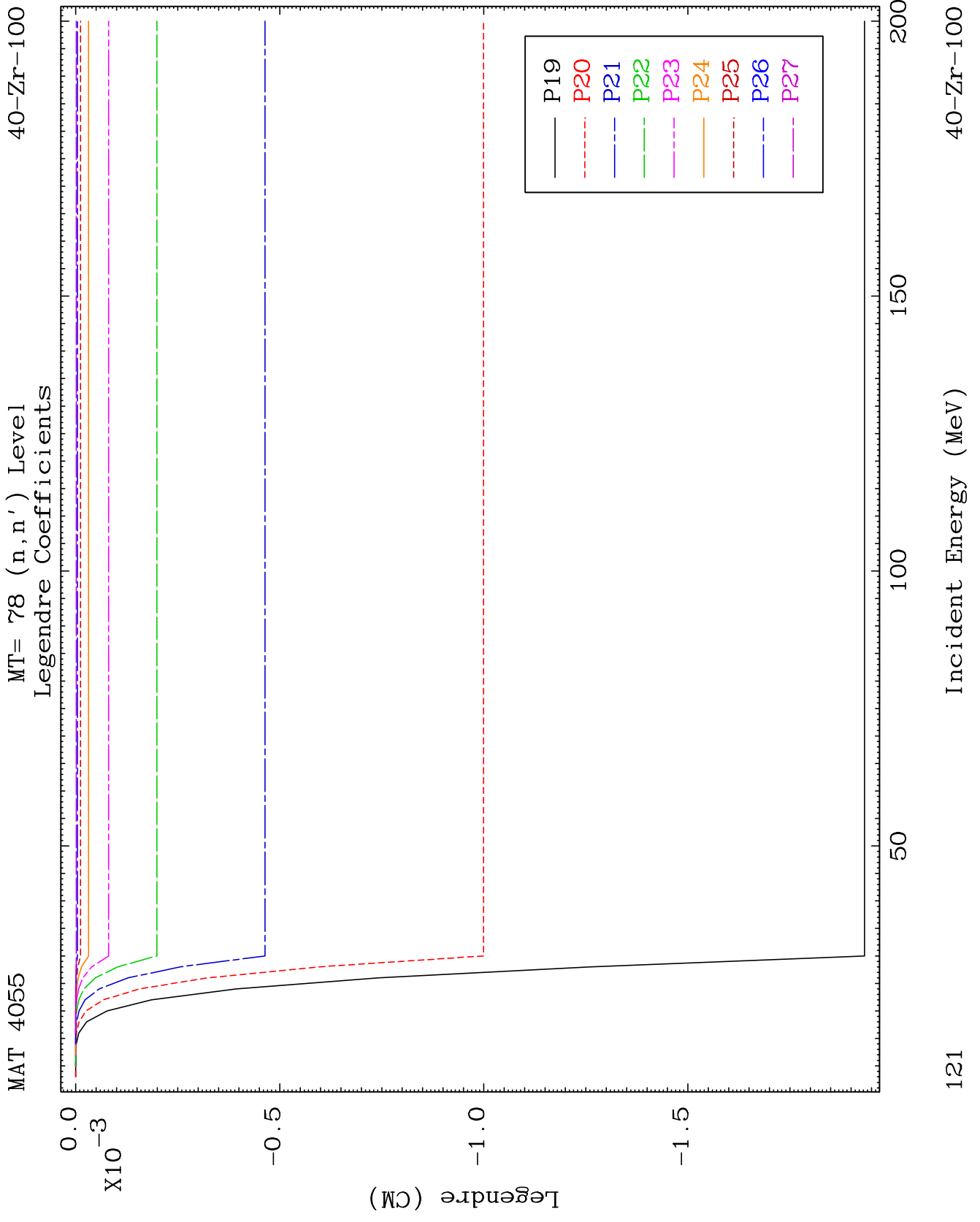
117

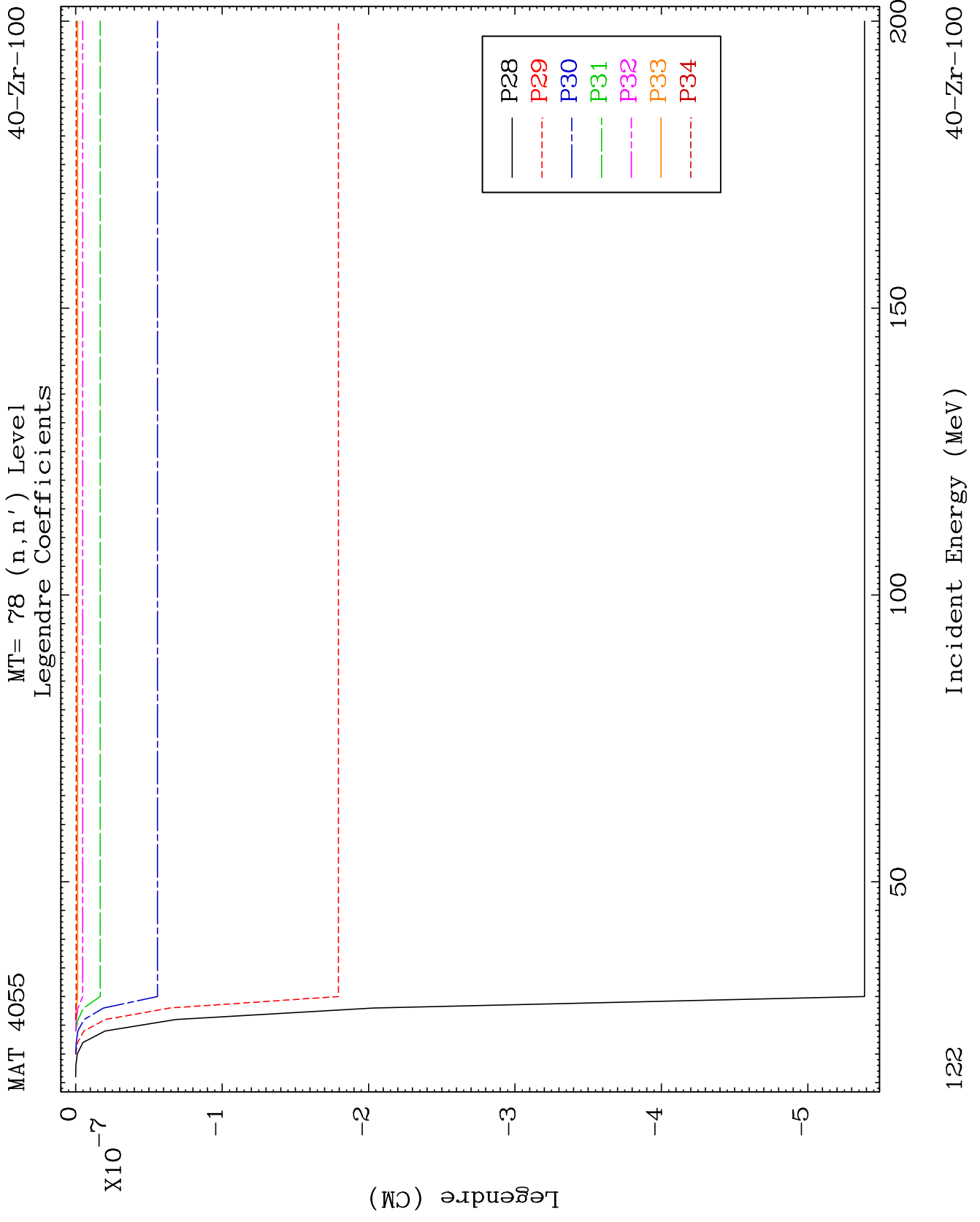
Incident Energy (MeV)

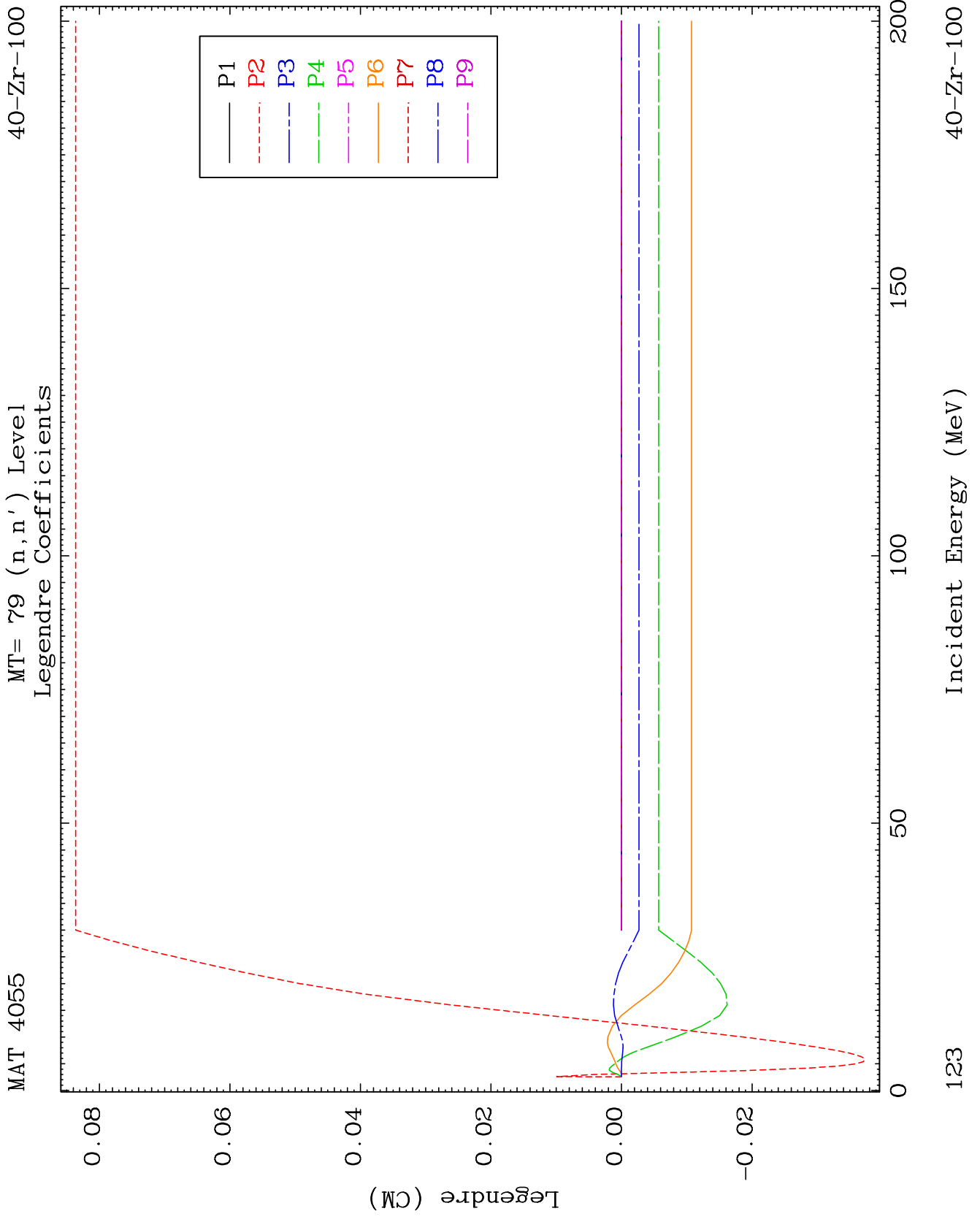
40-Zr-100







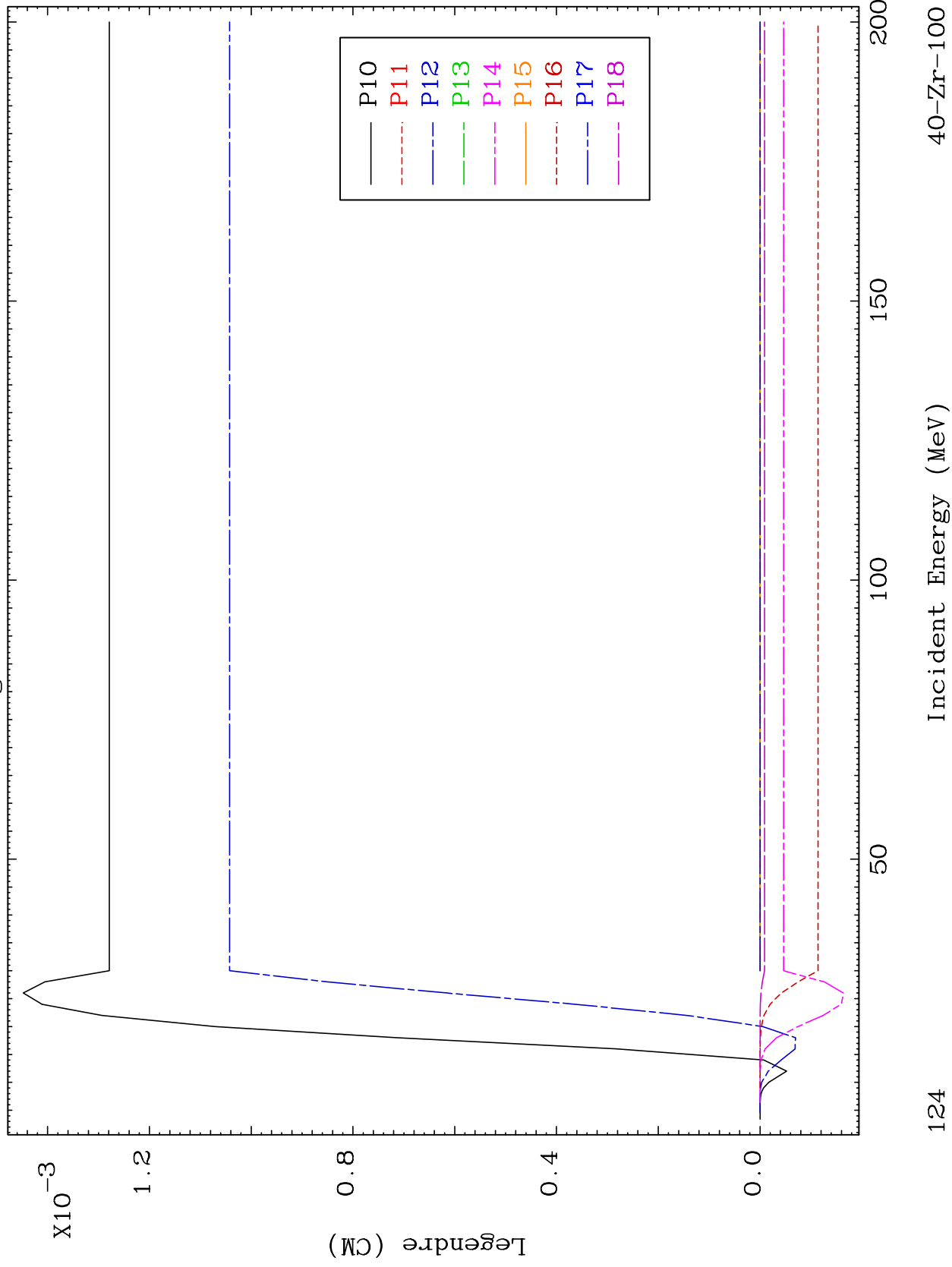




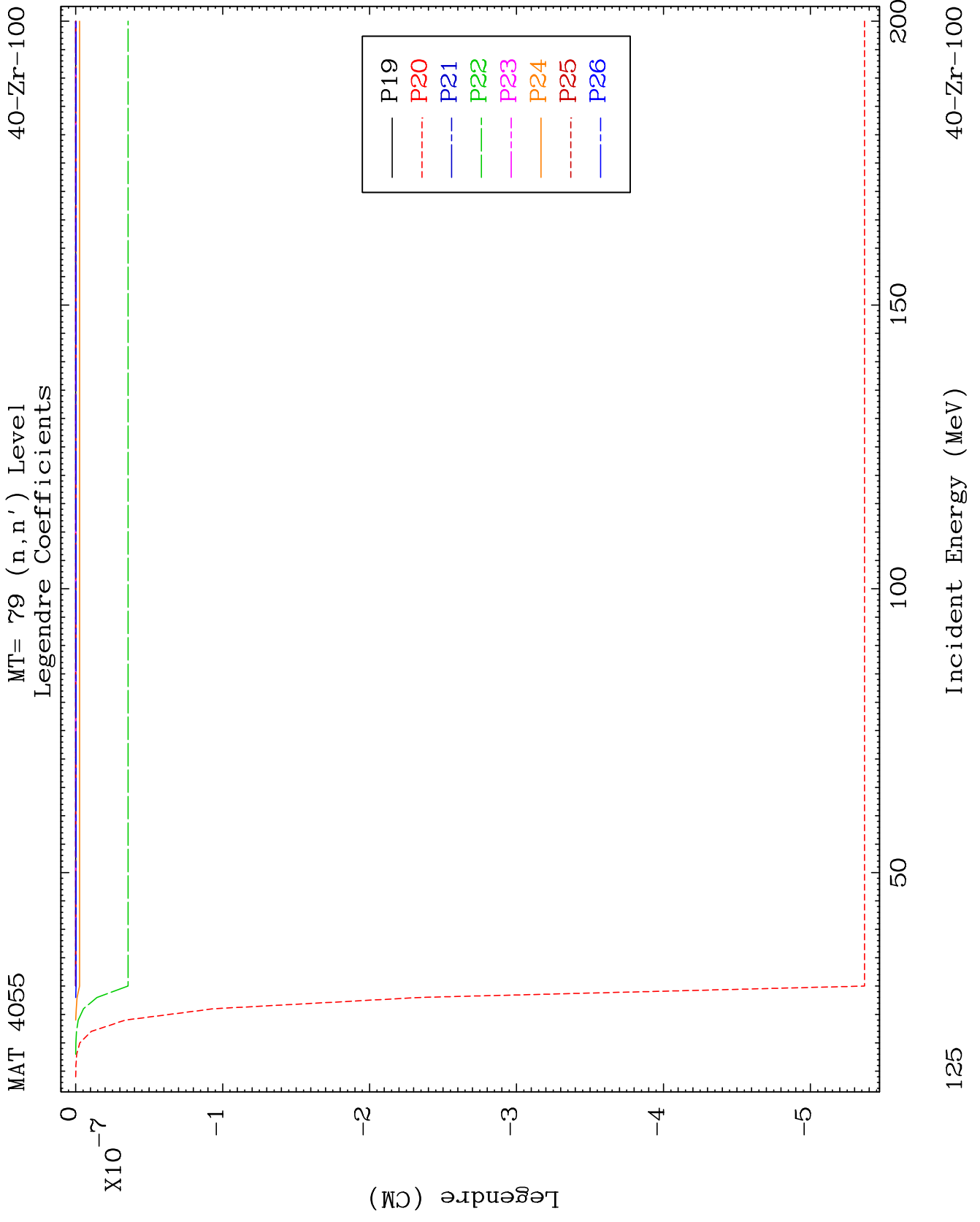
MAT 4055

MT= 79 (n,n') Level
Legendre Coefficients

40-Zr-100



124

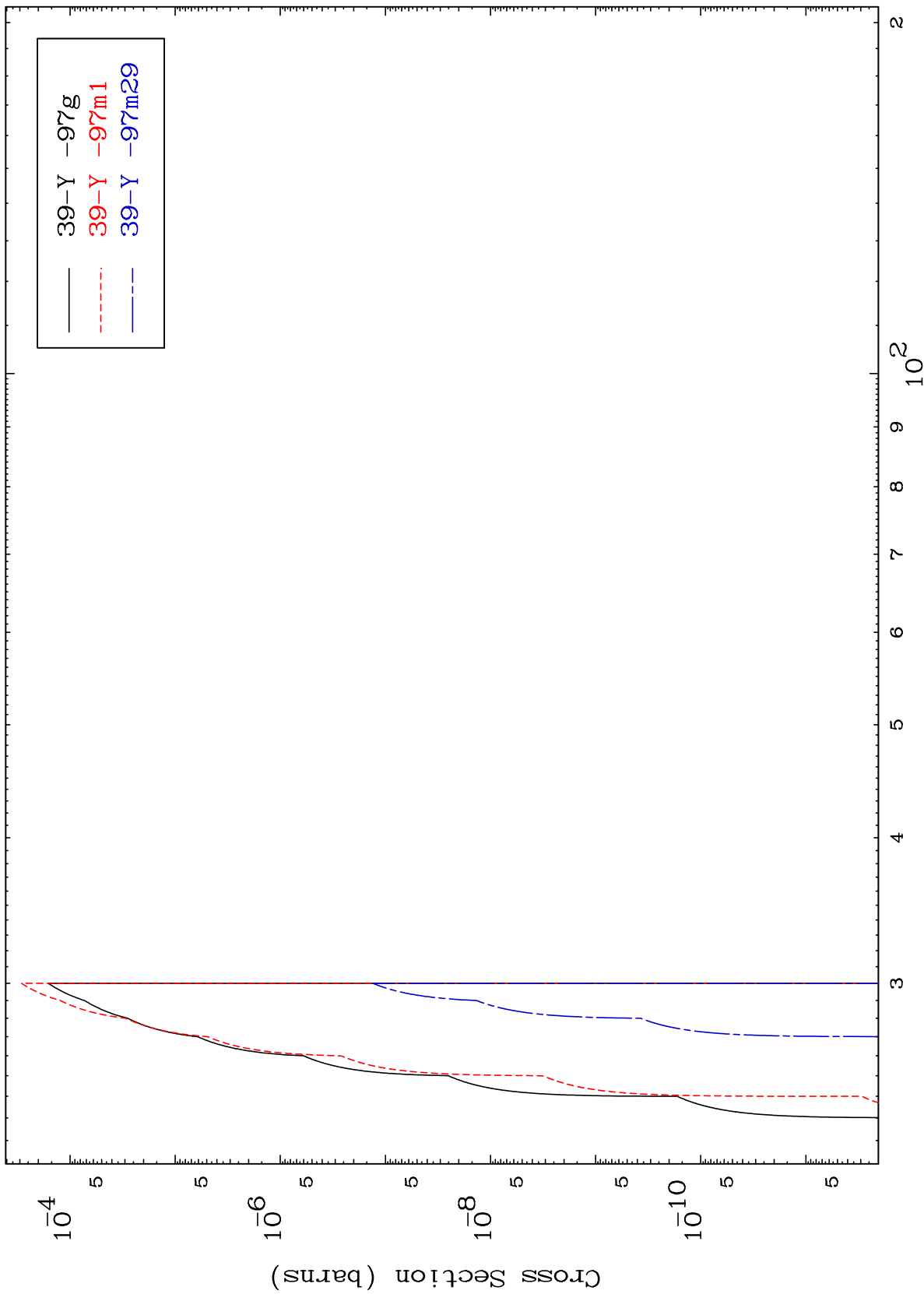


MAT 4055

(n,2n) d

40-Zr-100

Radionuclide Production Cross Section



126

Incident Energy (MeV)

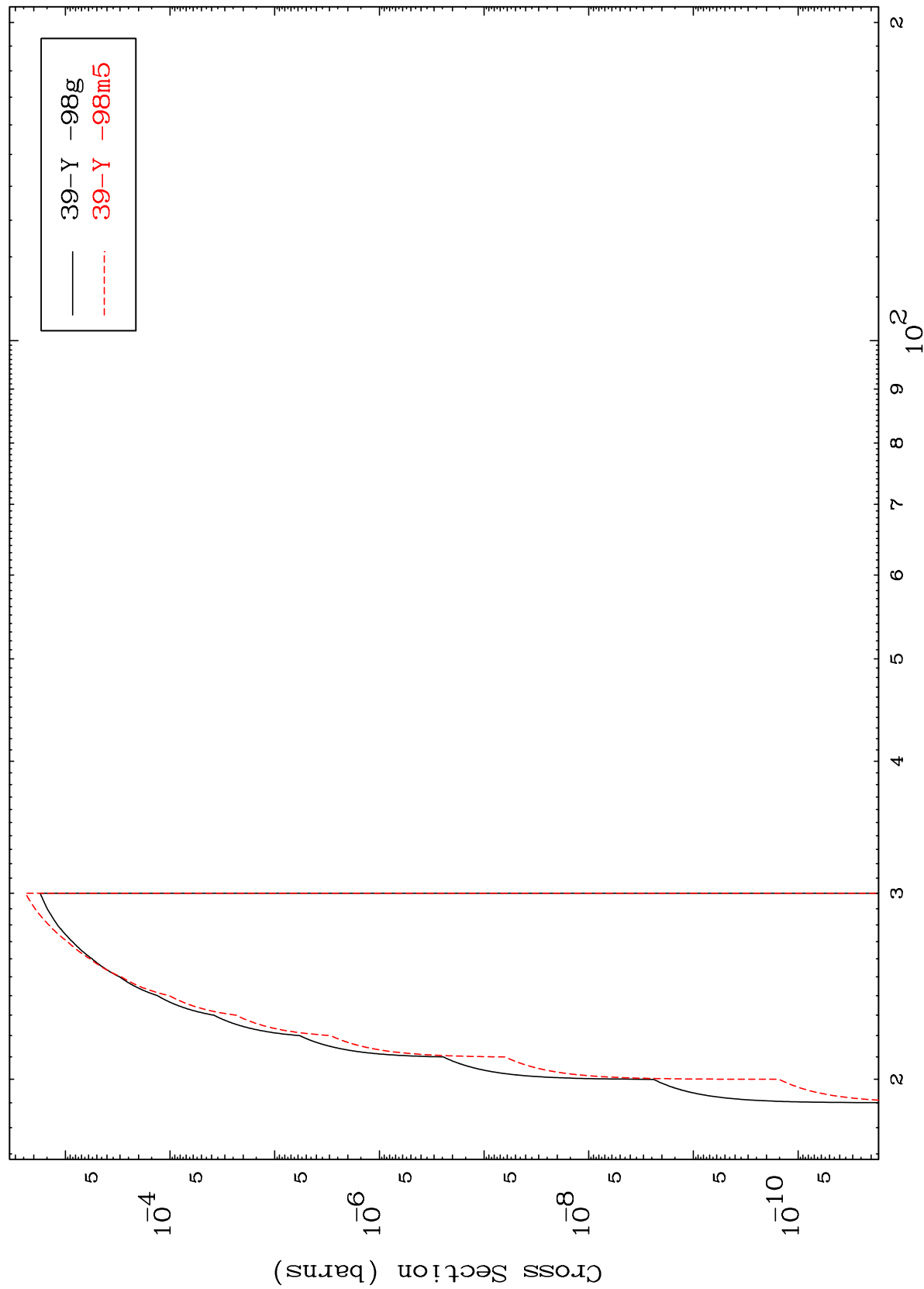
40-Zr-100

MAT 4055

(n,n') d

40-Zr-100

Radionuclide Production Cross Section



127

Incident Energy (MeV)

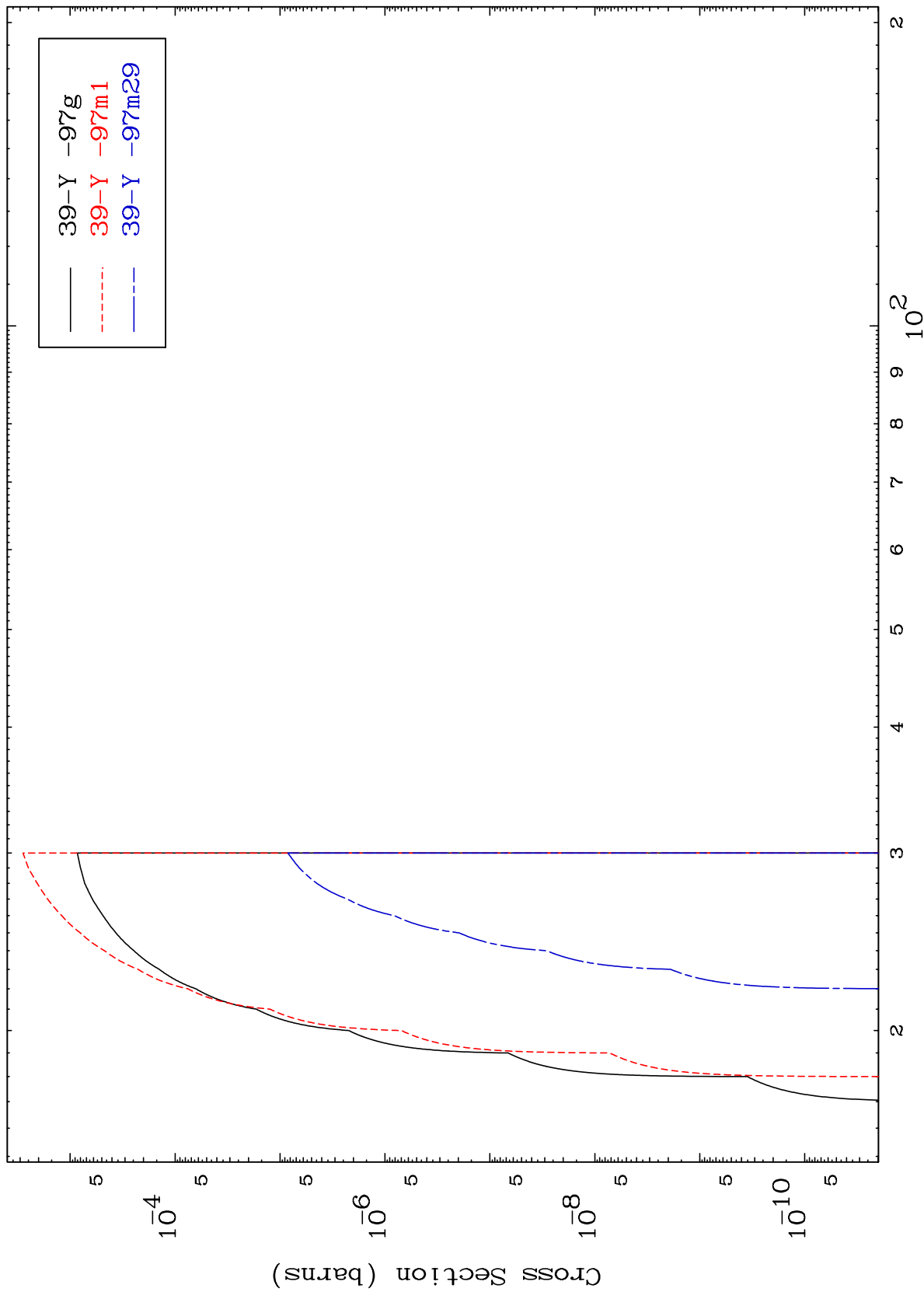
40-Zr-100

MAT 4055

(n,n') t

40-Zr-100

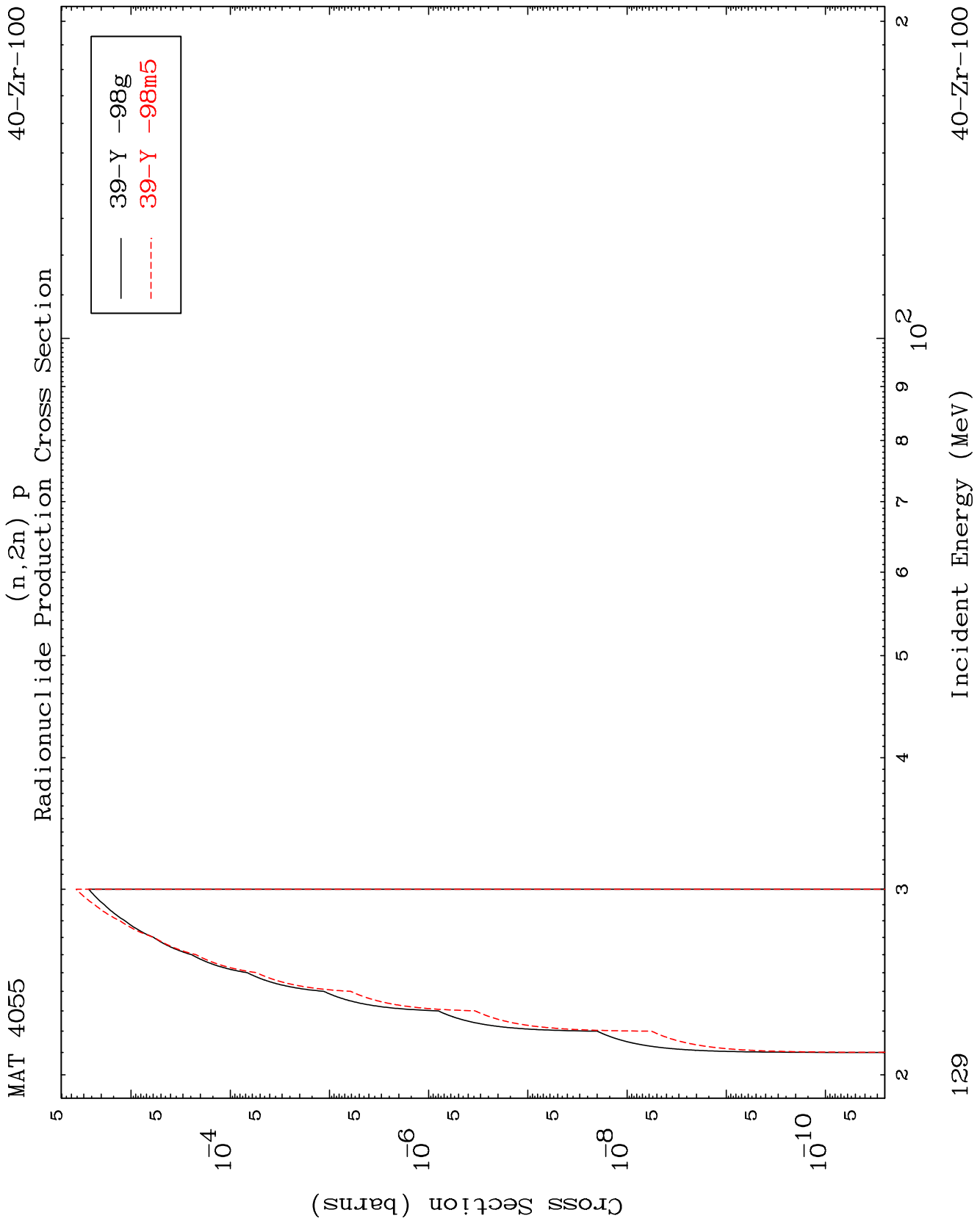
Radionuclide Production Cross Section

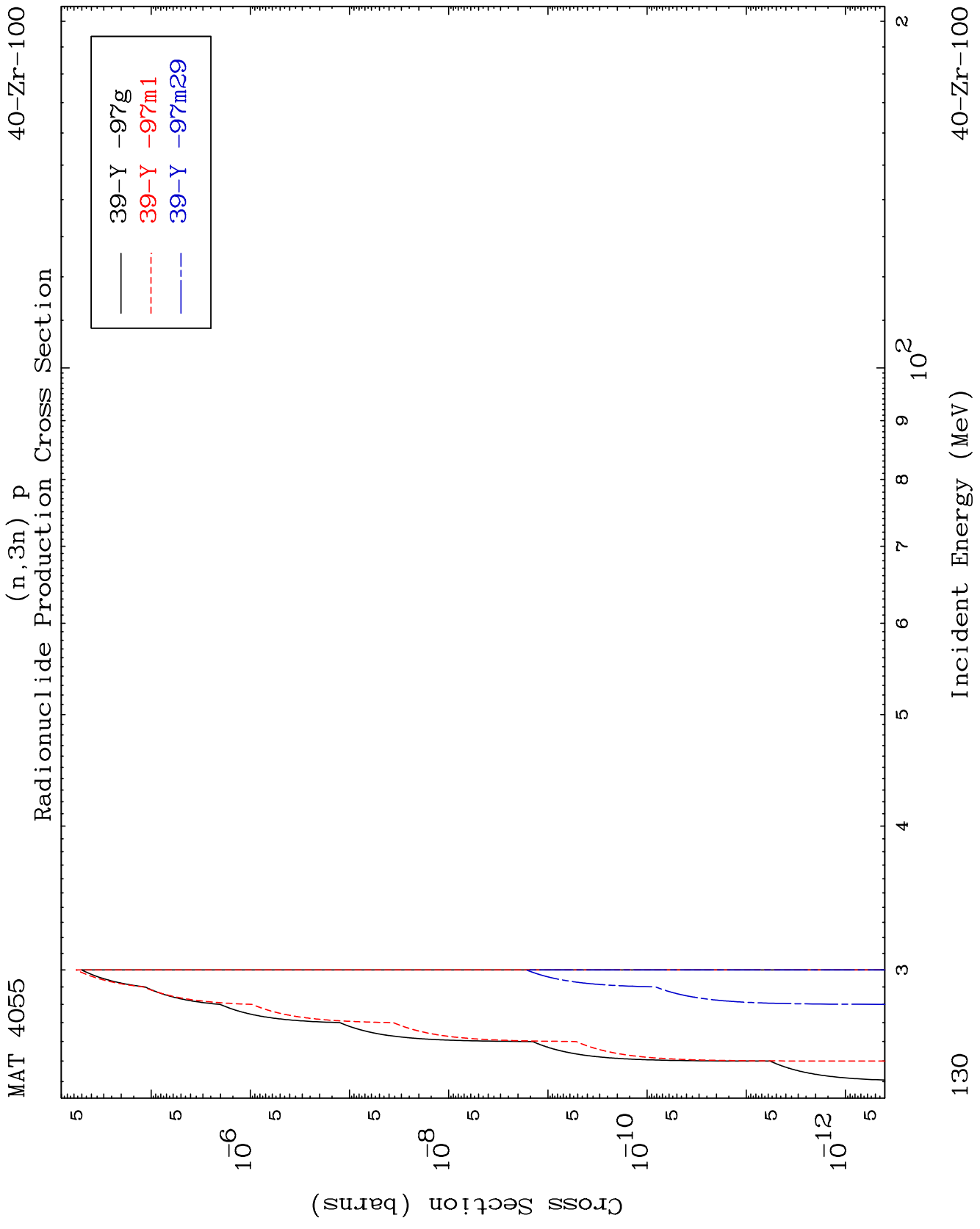


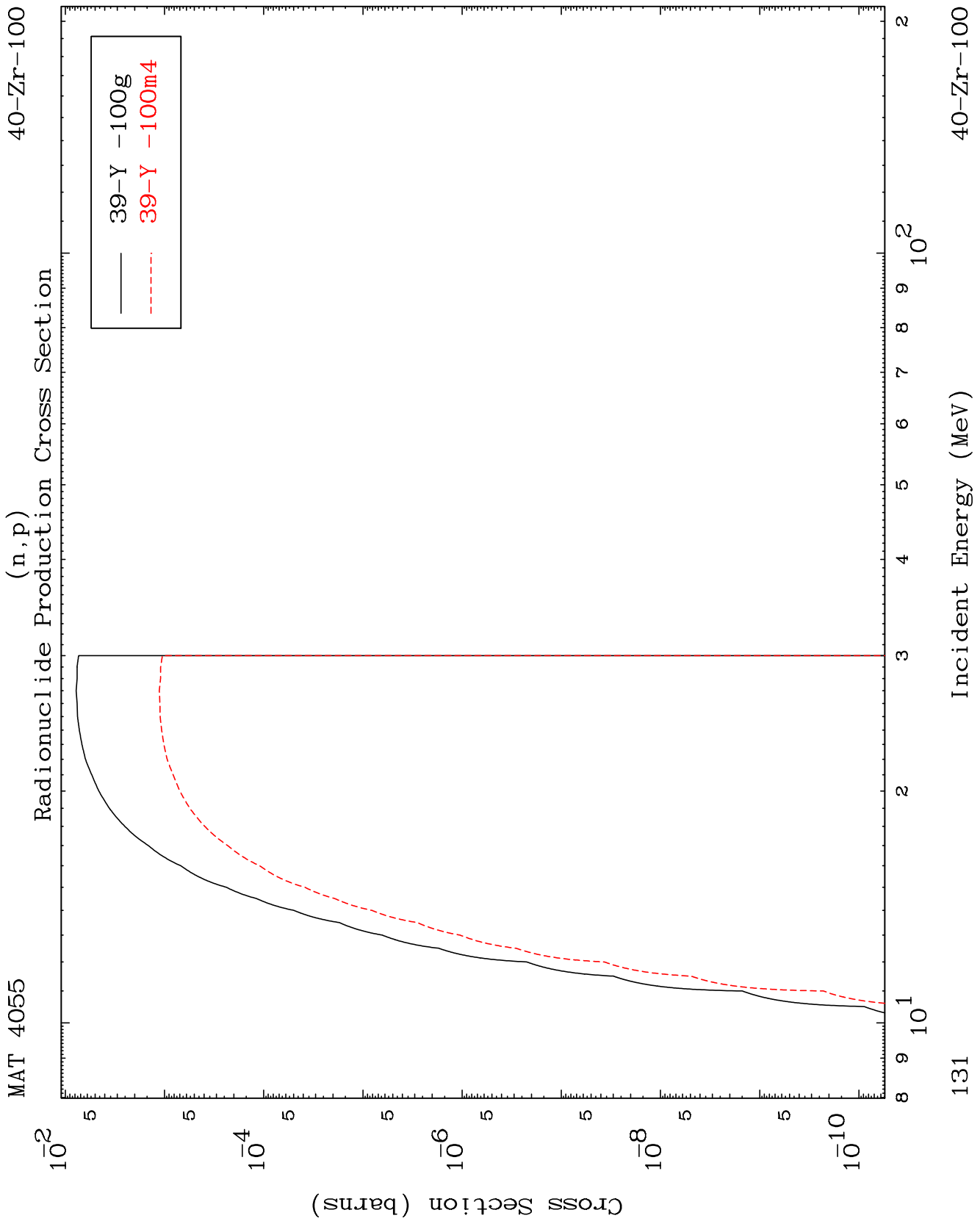
128

Incident Energy (MeV)

40-Zr-100



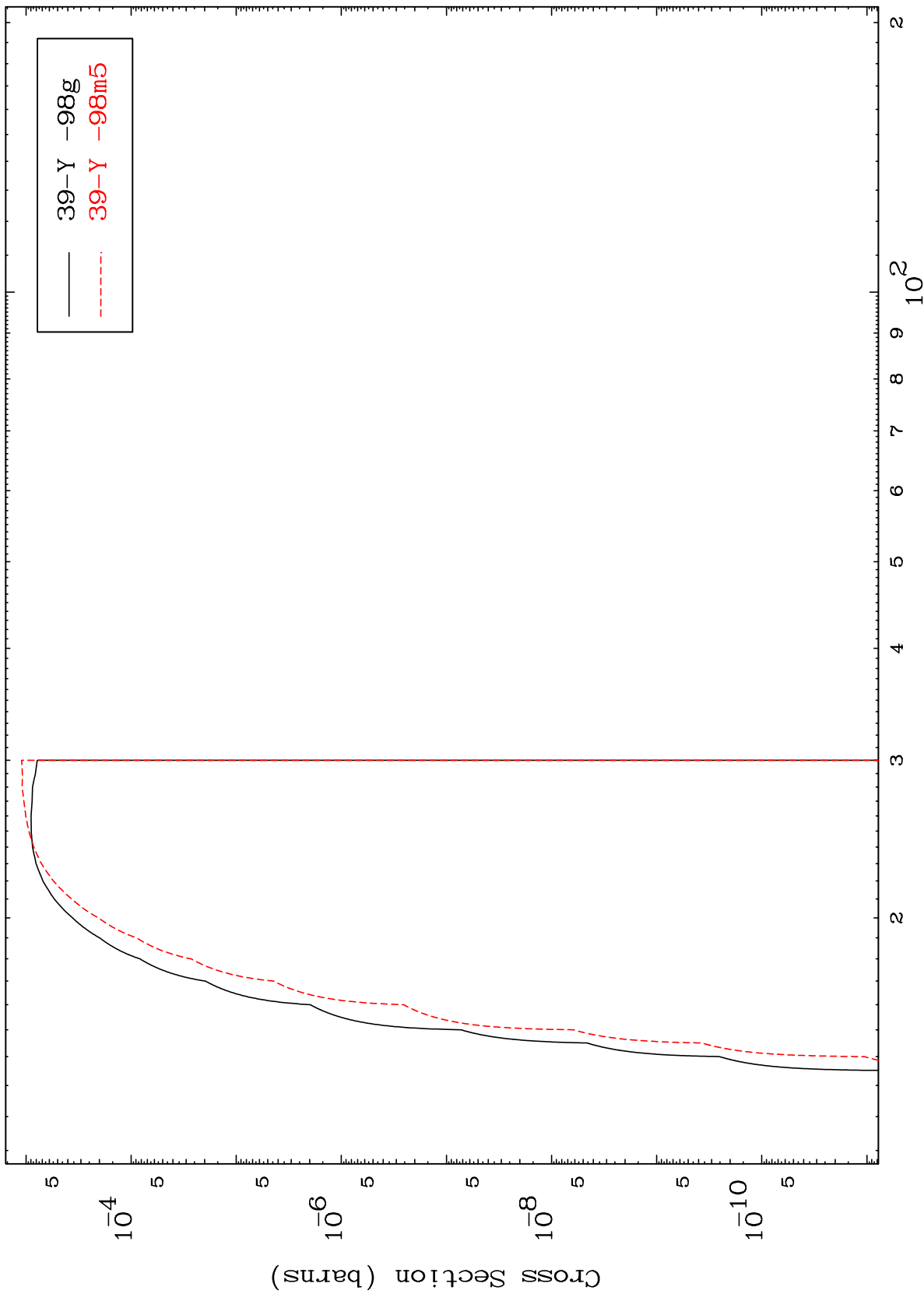




MAT 4055

40-Zr-100

(n,t)
Radionuclide Production Cross Section



132

Incident Energy (MeV)

40-Zr-100