

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

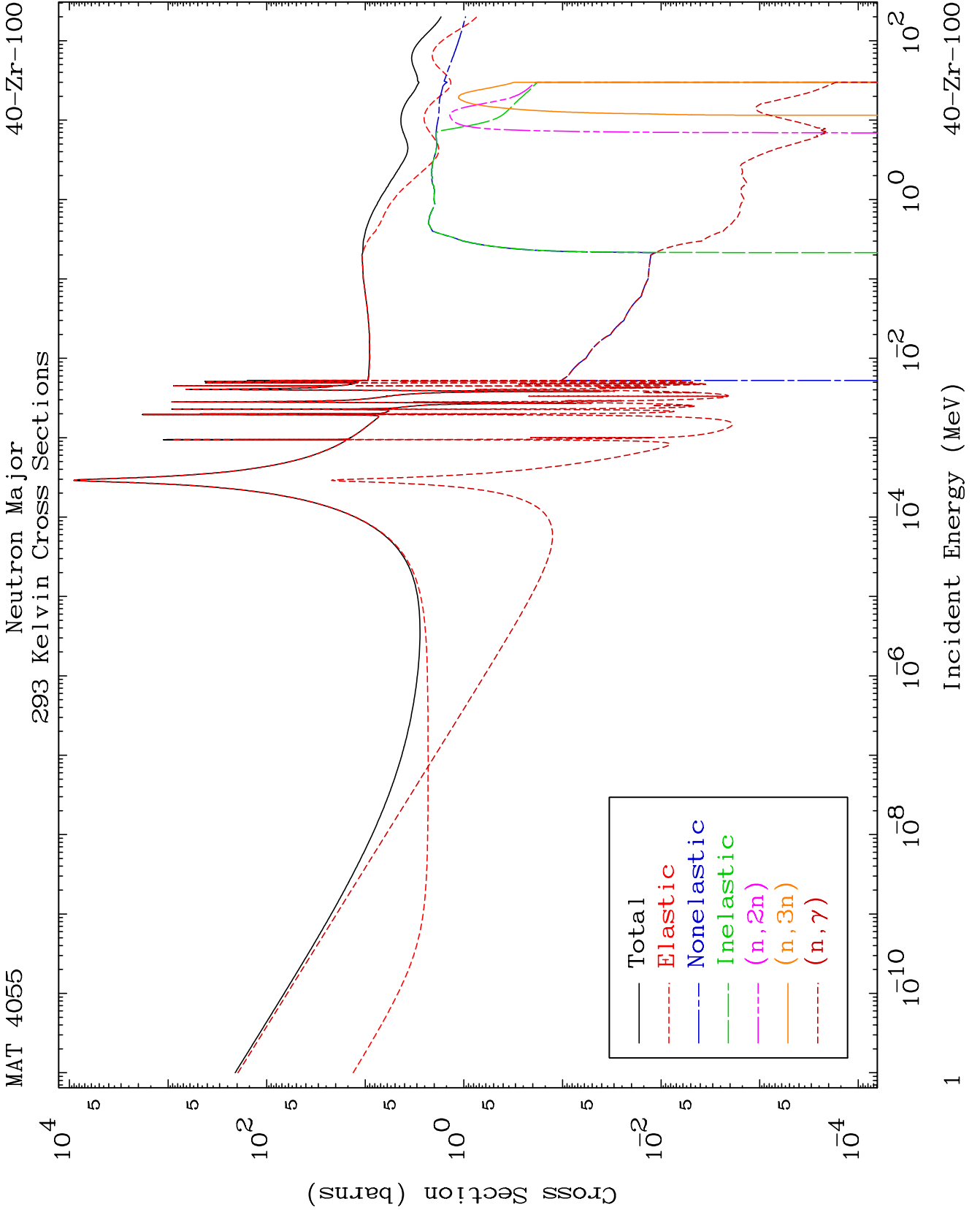
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

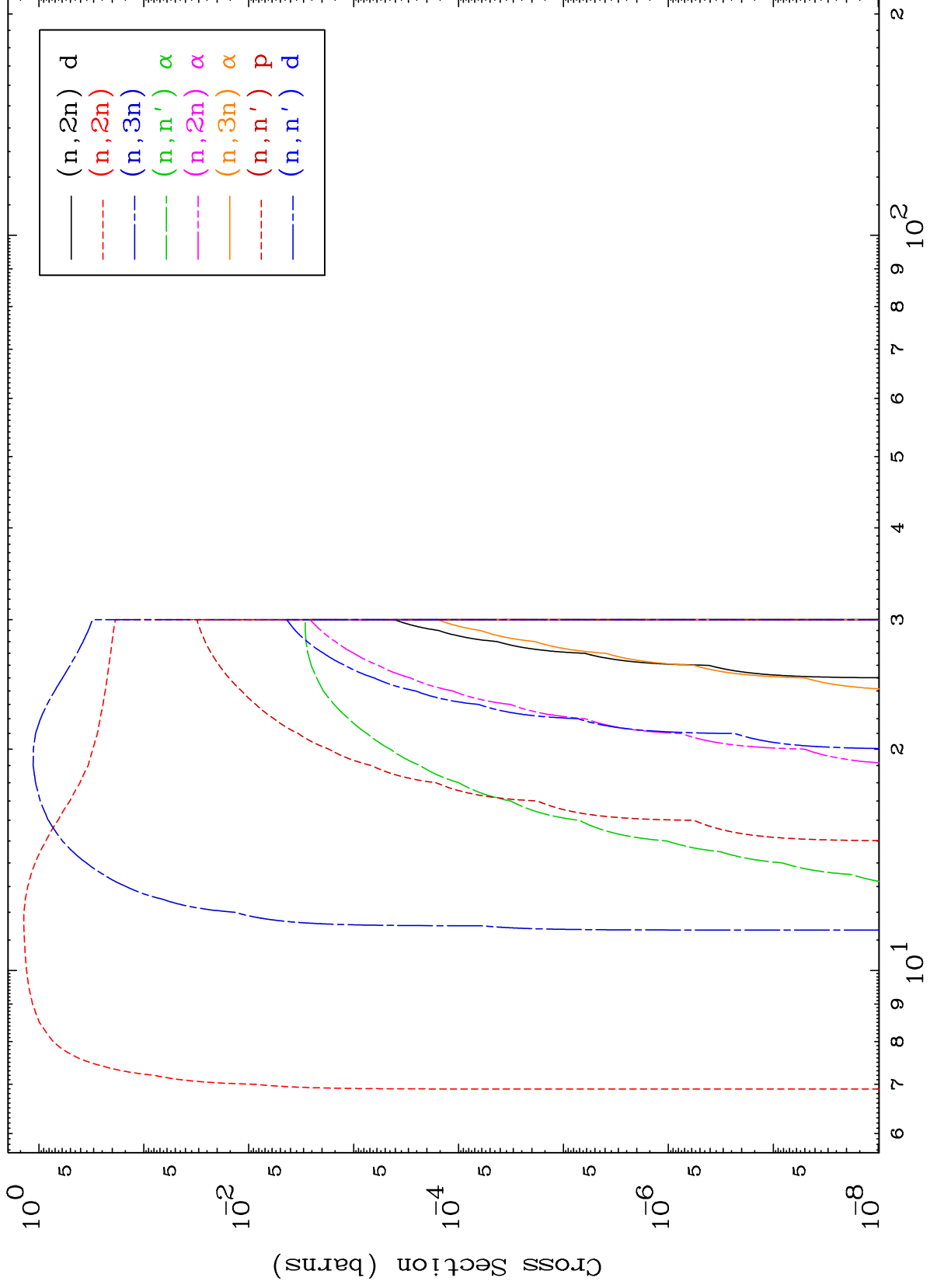
Press Mouse Button to Start



MAT 4055

Neutron Absorption
293 Kelvin Cross Sections

40-Zr-100



2

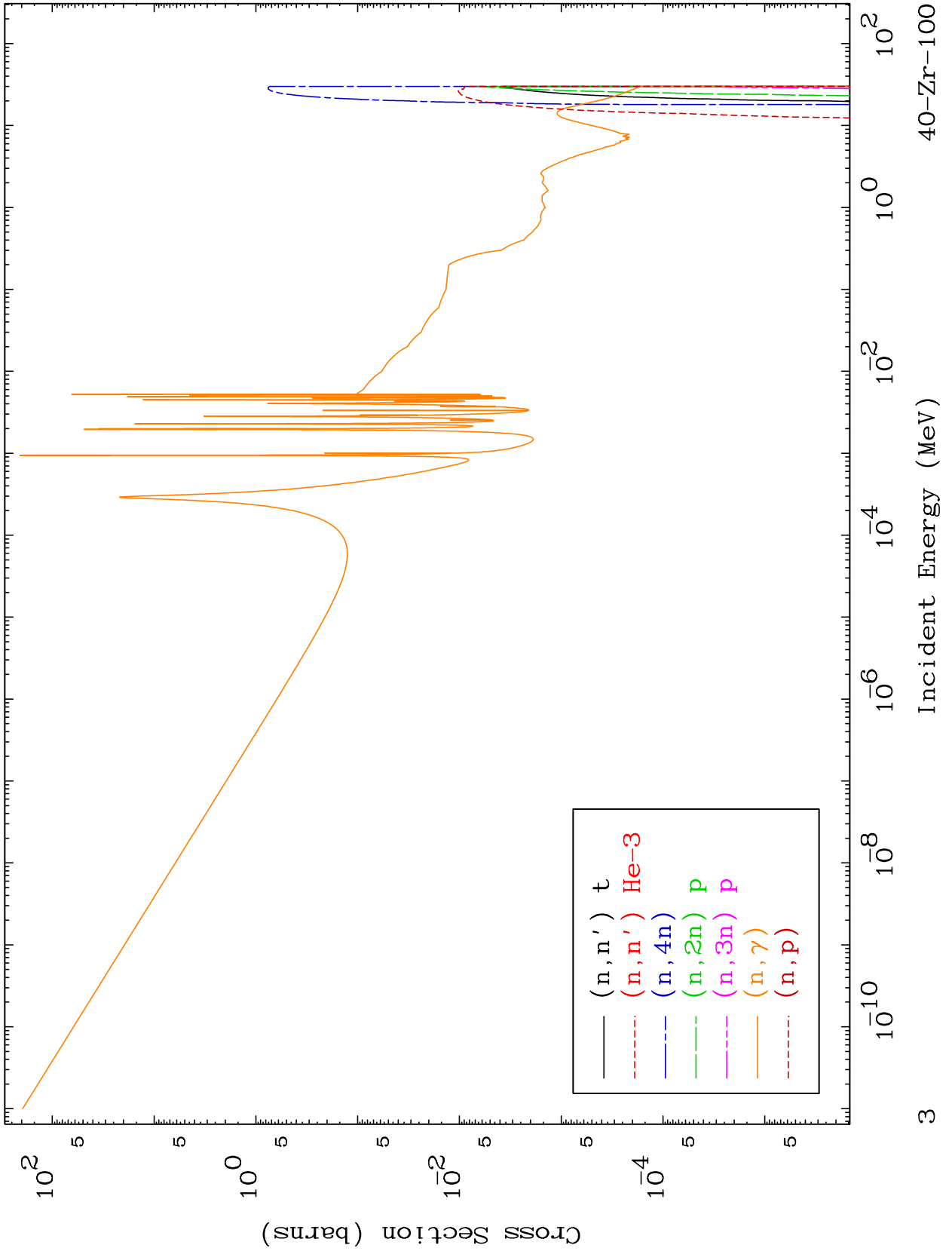
Incident Energy (MeV)

40-Zr-100

MAT 4055

Neutron Absorption
293 Kelvin Cross Sections

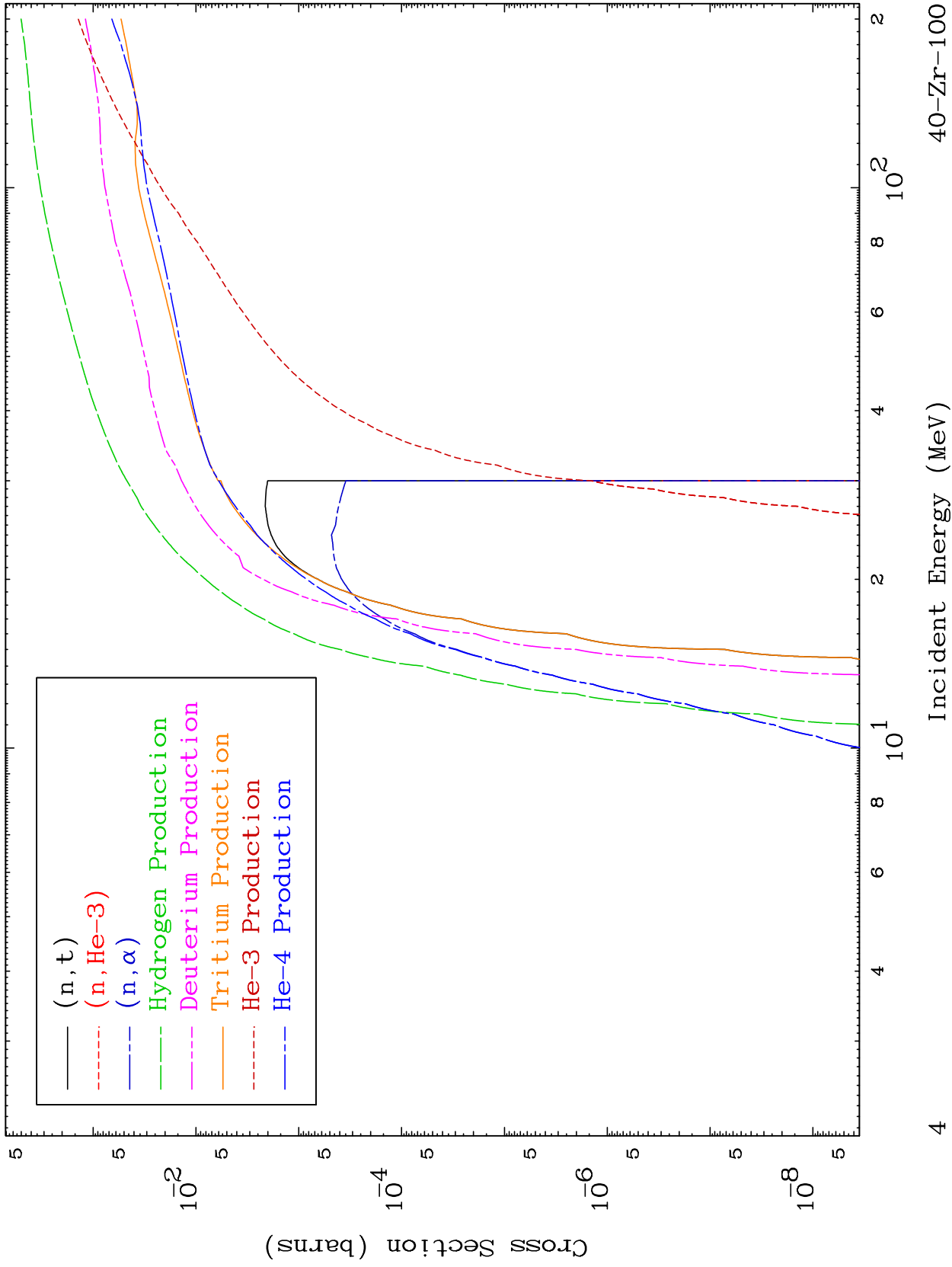
40-Zr-100



MAT 4055

Neutron Absorption
293 Kelvin Cross Sections

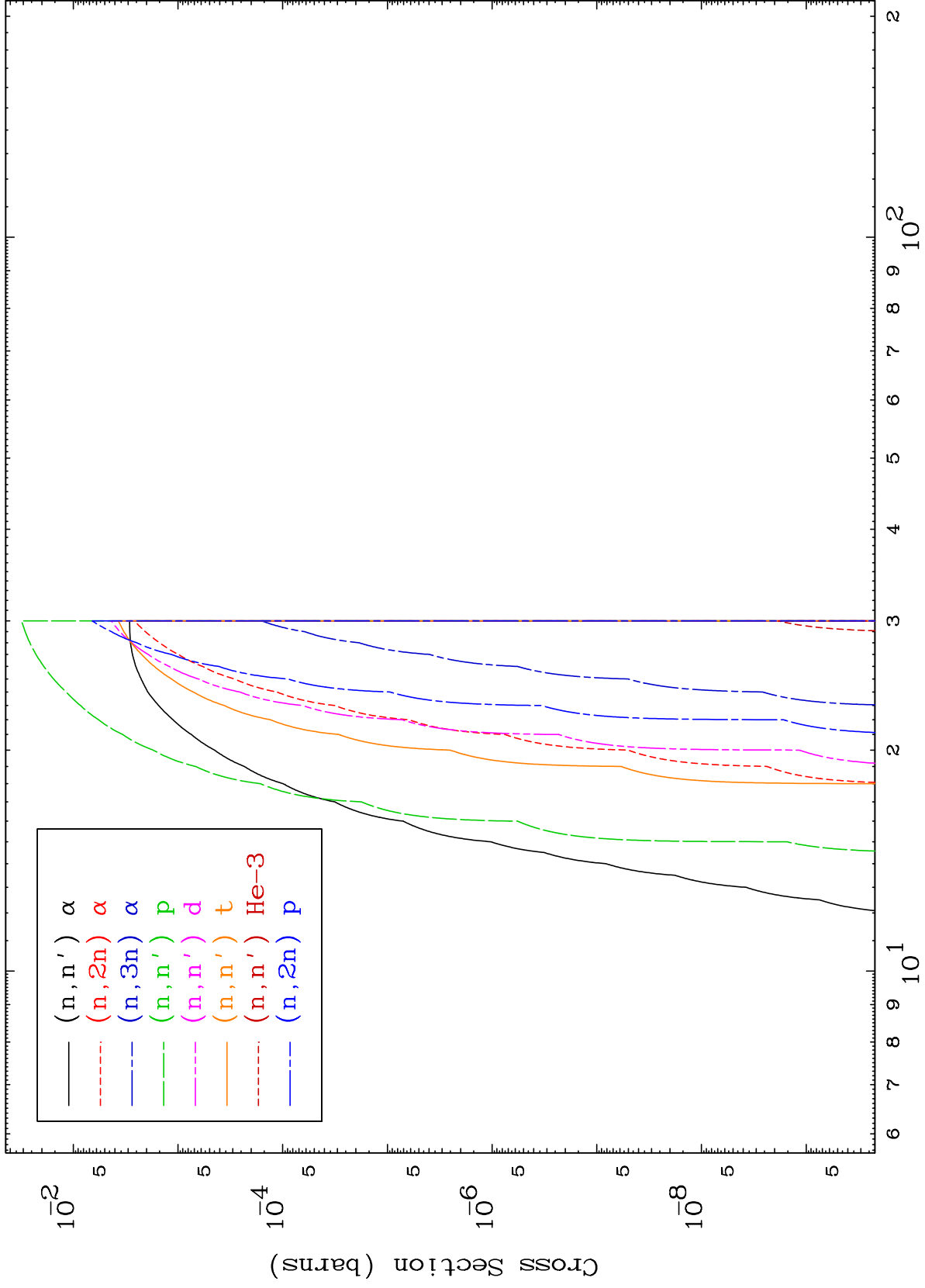
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MAT 4055

Charged Particle
293 Kelvin Cross Sections

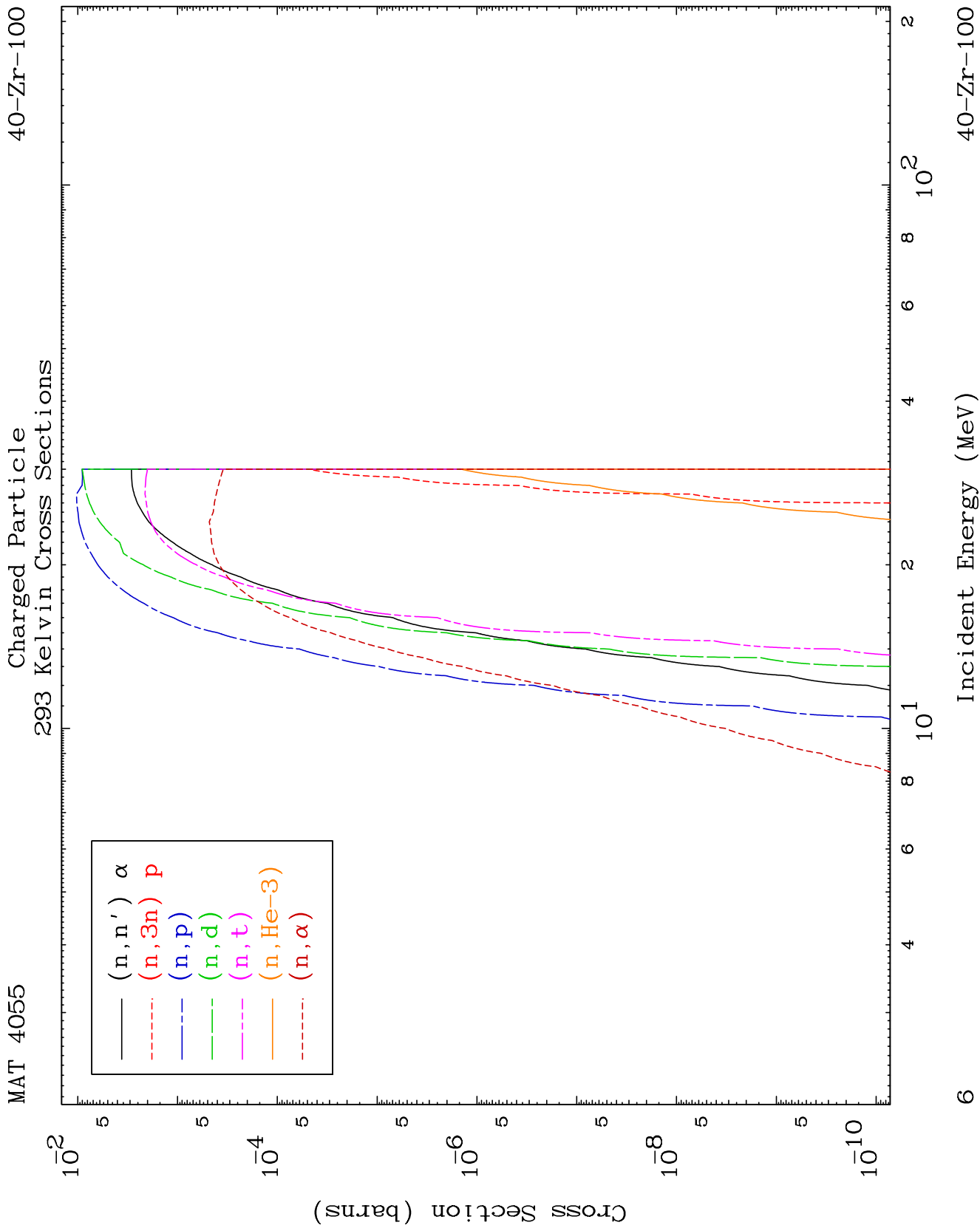
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5

Incident Energy (MeV)

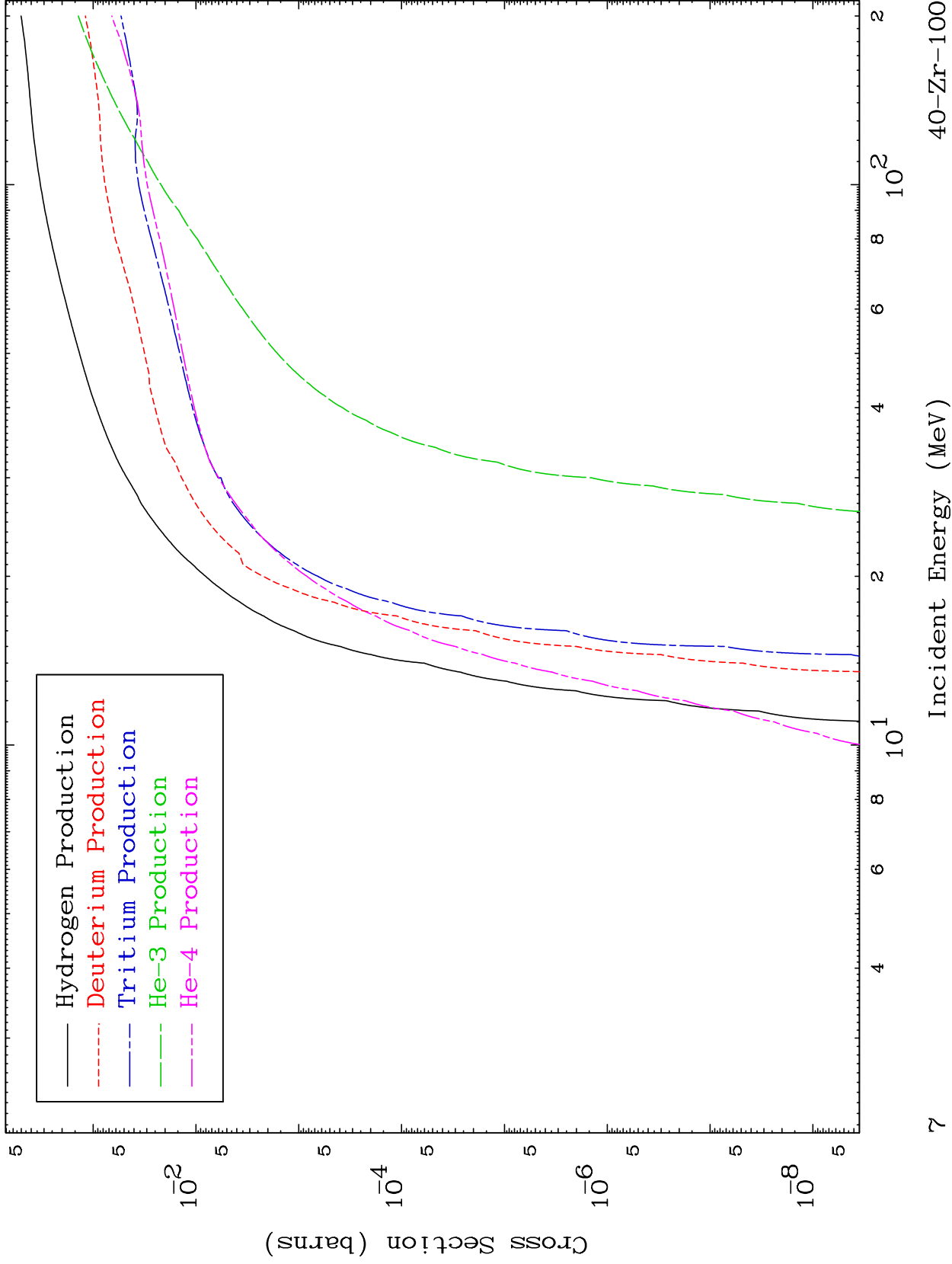
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MAT 4055

Particle Production
293 Kelvin Cross Sections

40-Zr-100

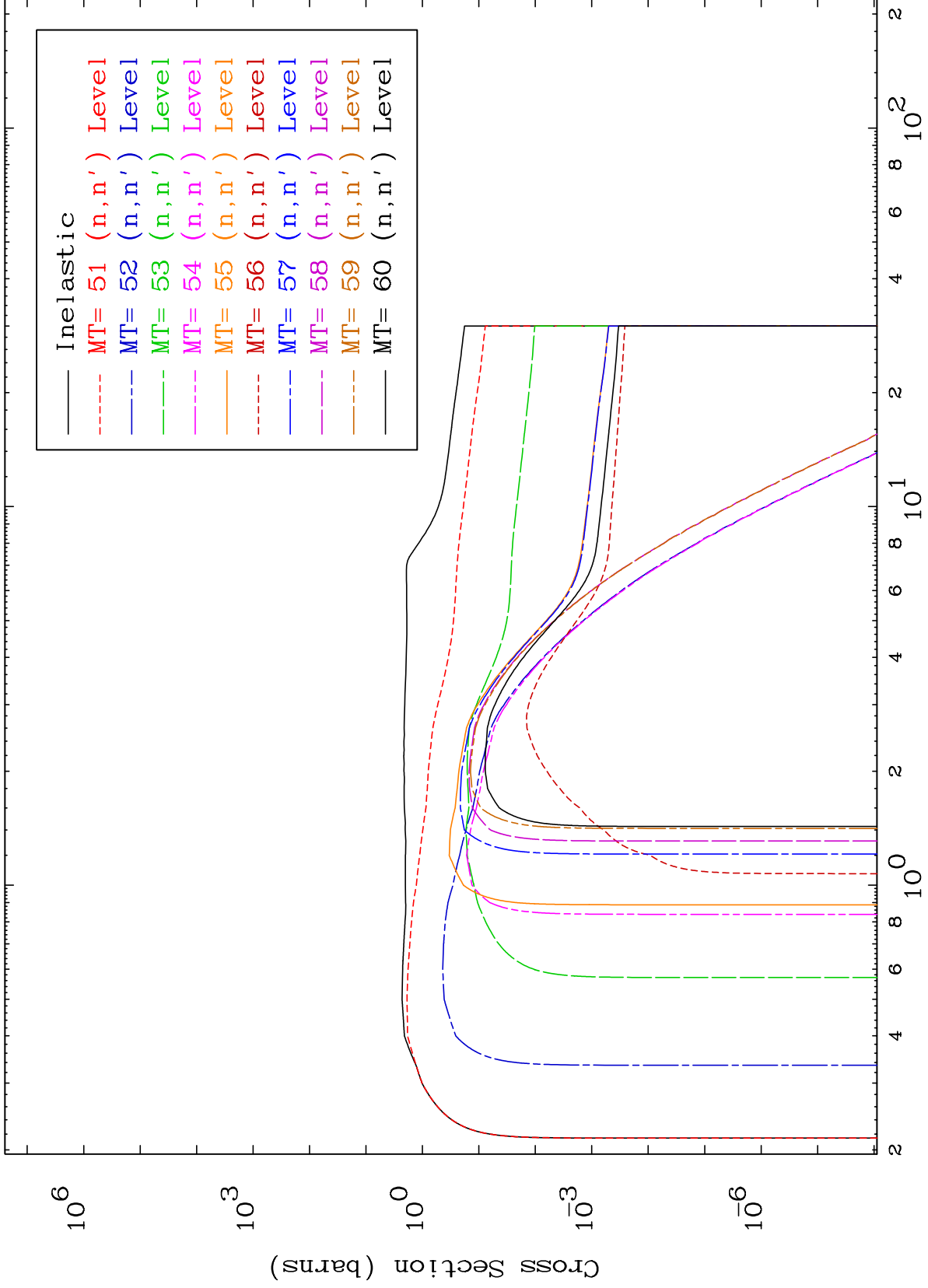


MAT 4055

(n,n') Levels

40-Zr-100

293 Kelvin Cross Sections



8

Incident Energy (MeV)

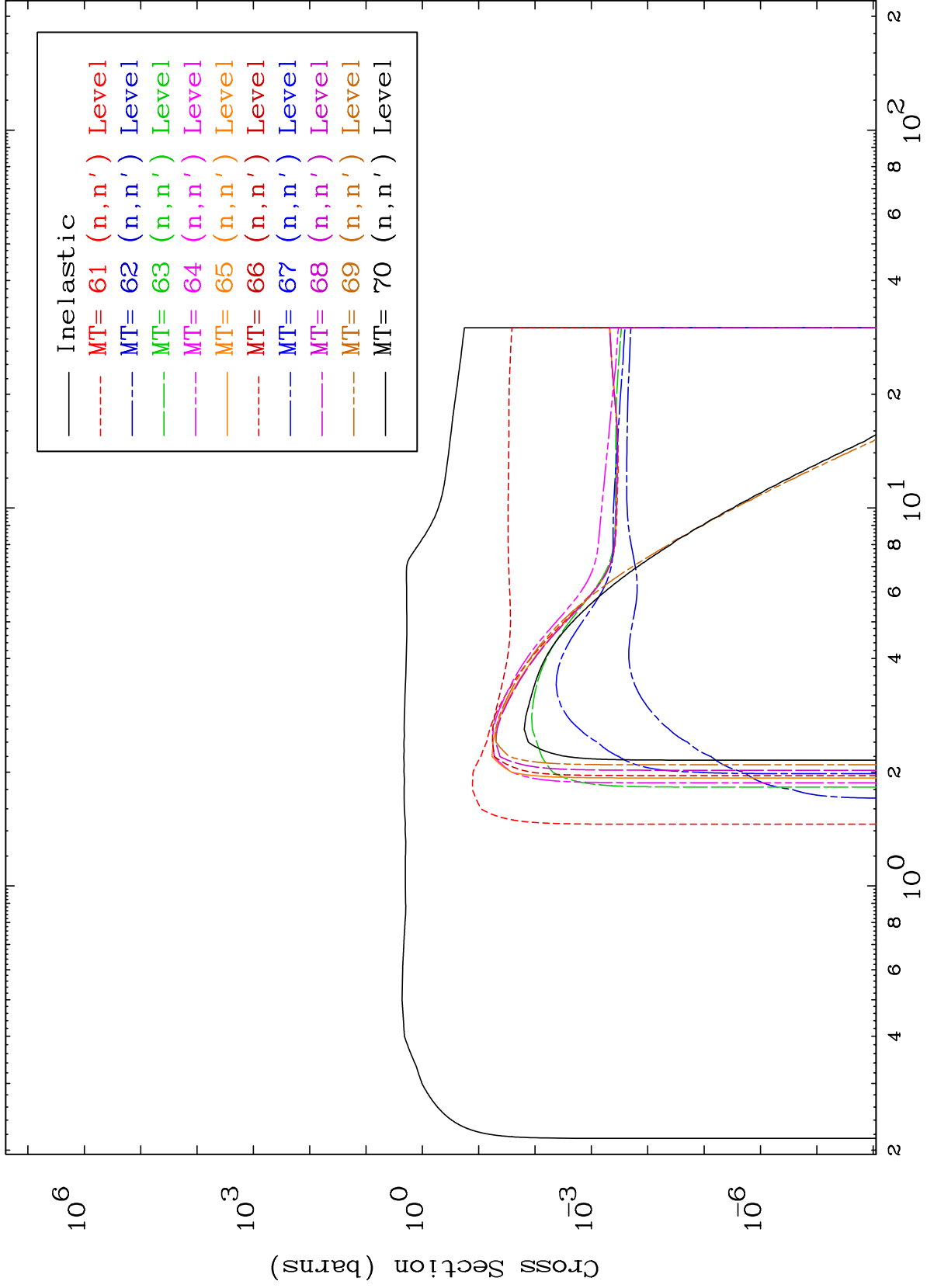
40-Zr-100

MAT 4055

(n,n') Levels

40-Zr-100

293 Kelvin Cross Sections

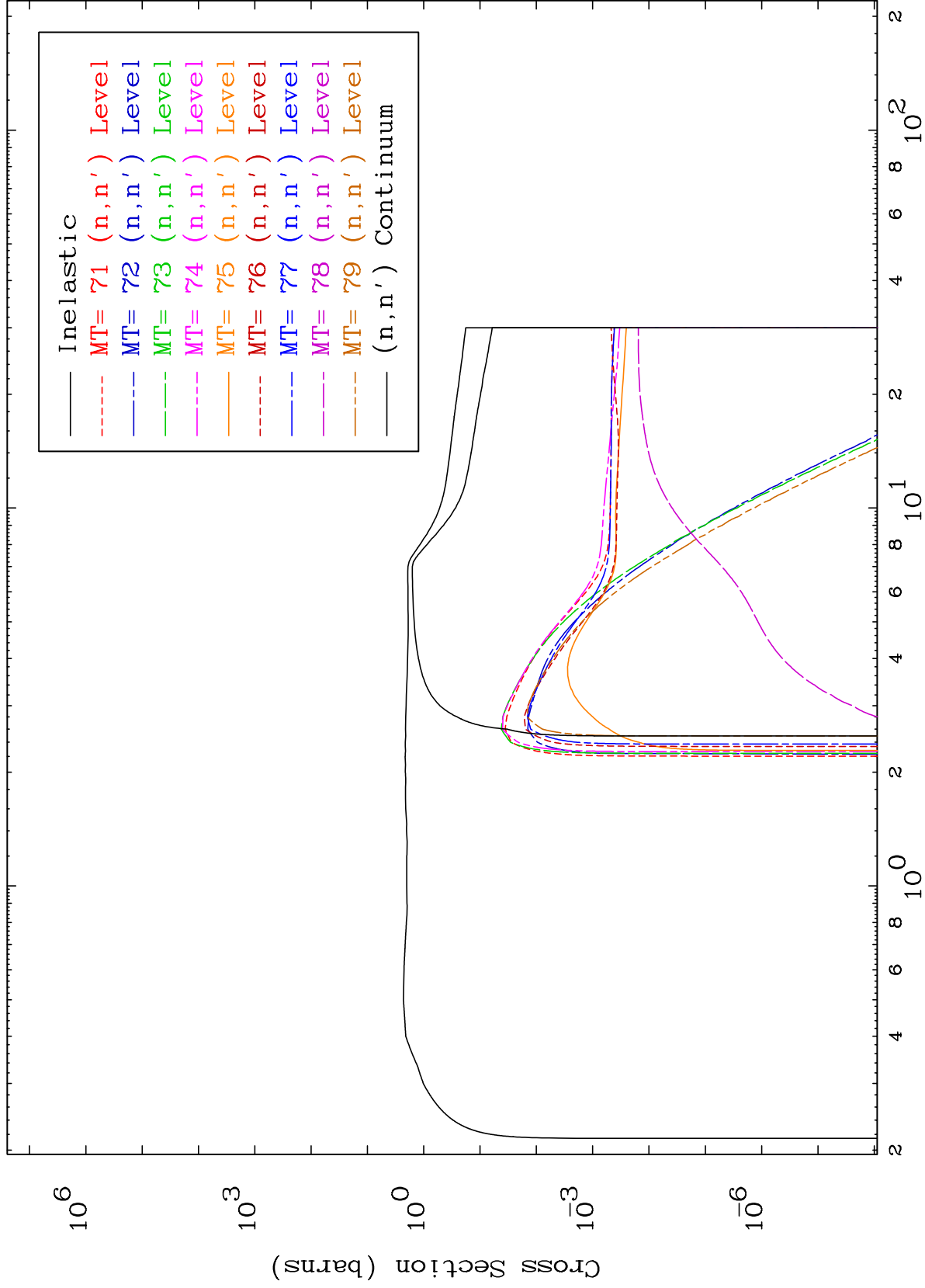


MAT 4055

(n,n') Levels

40-Zr-100

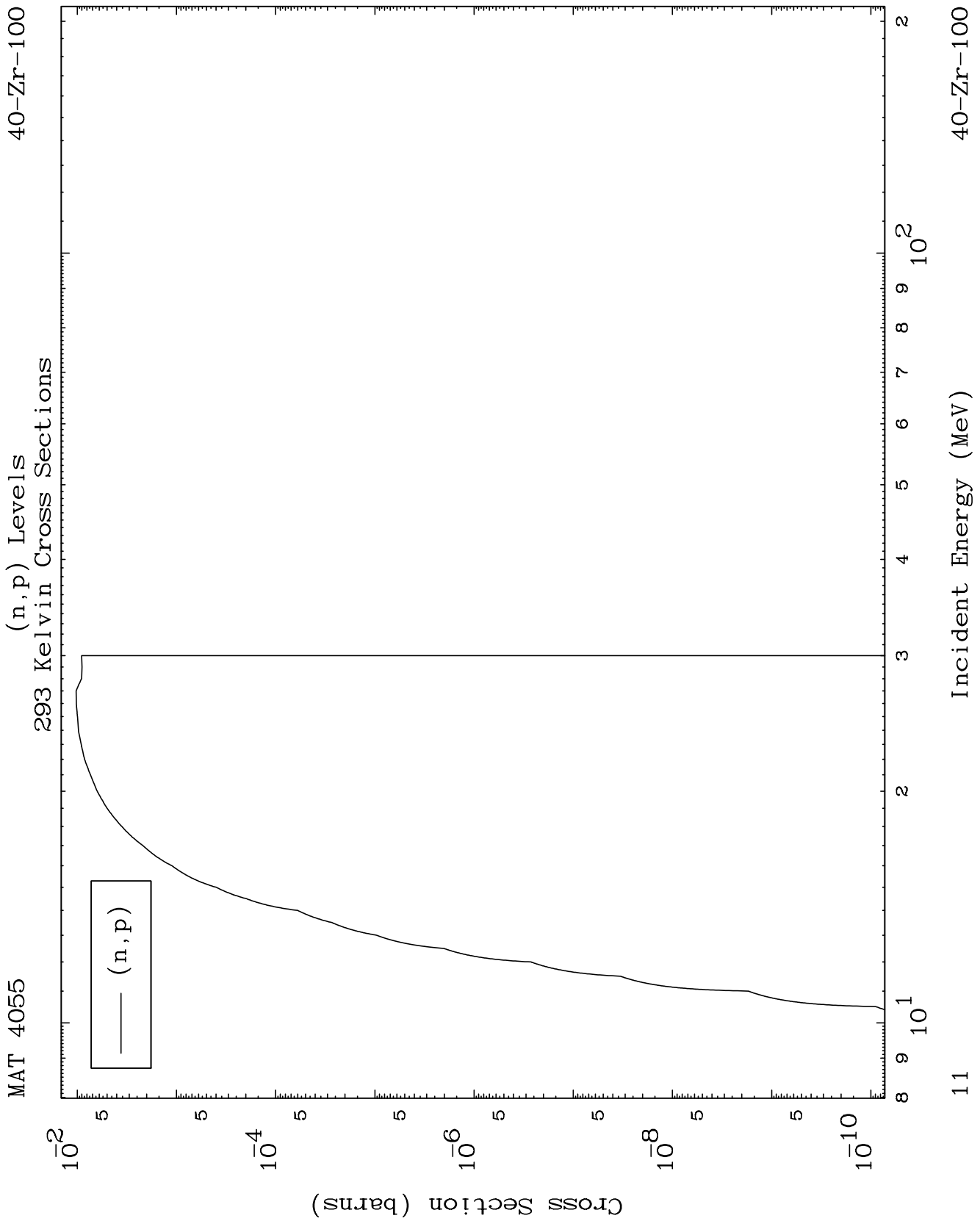
293 Kelvin Cross Sections

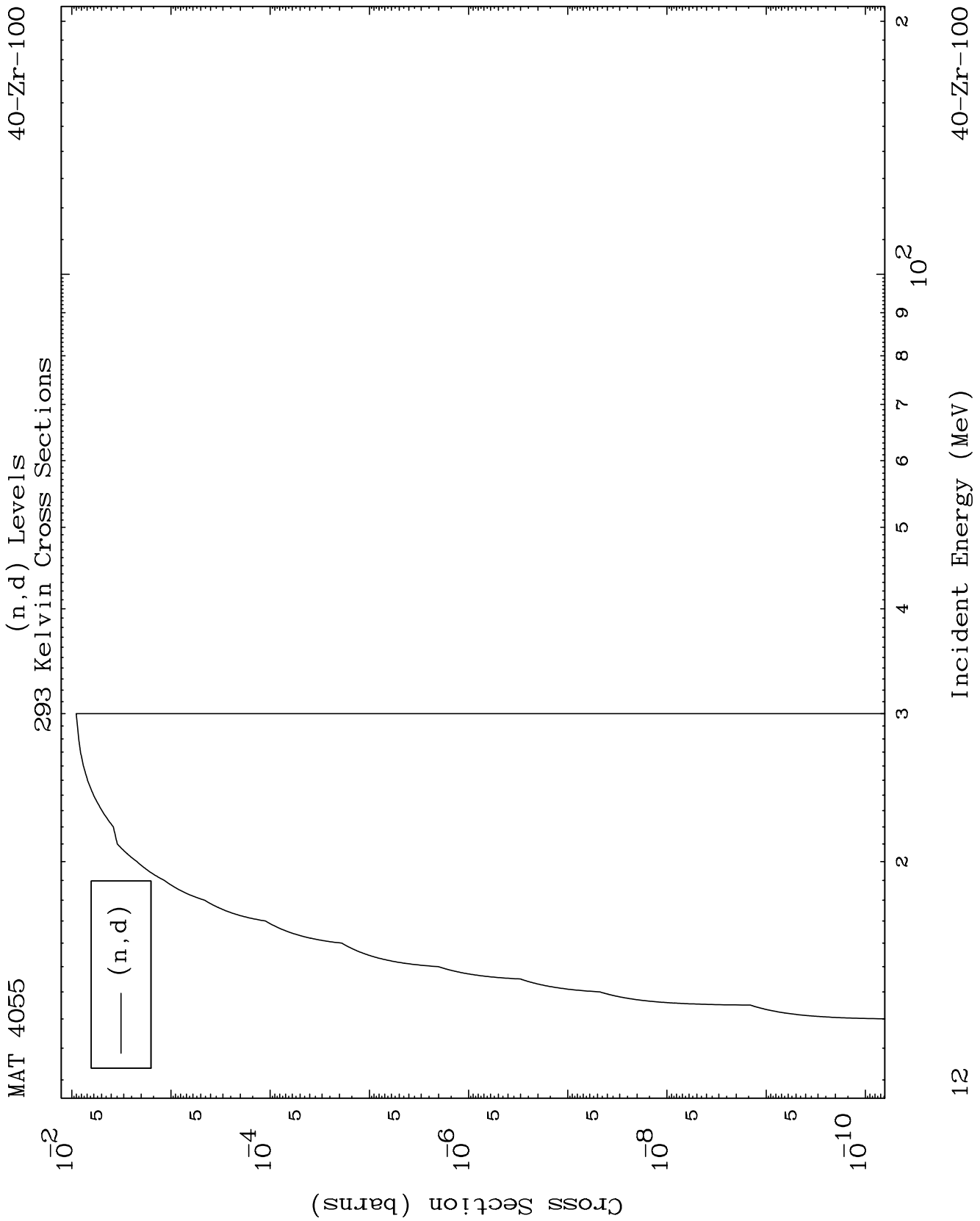


Incident Energy (MeV)

40-Zr-100

10

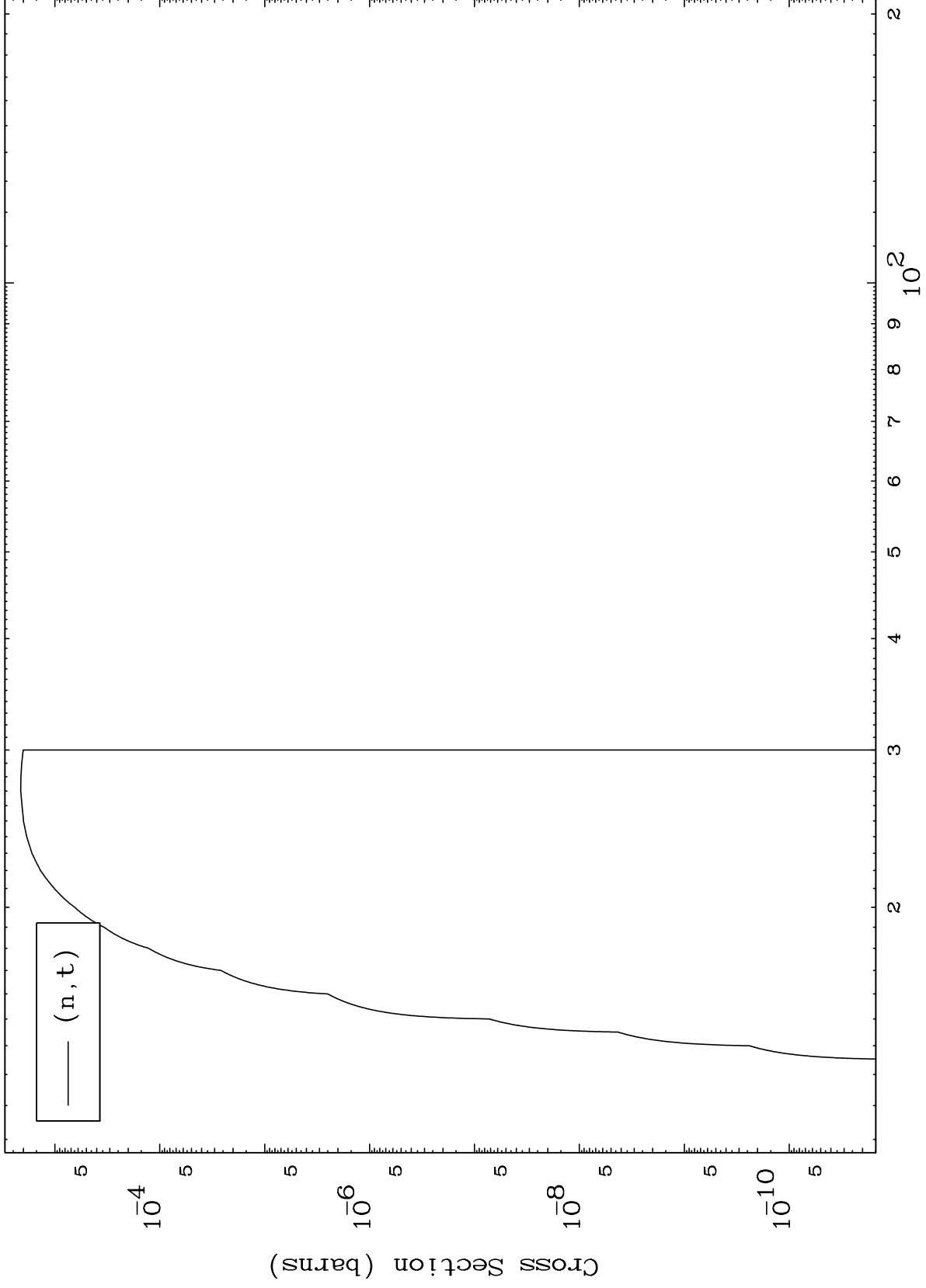




MAT 4055

(n,t) Levels
293 Kelvin Cross Sections

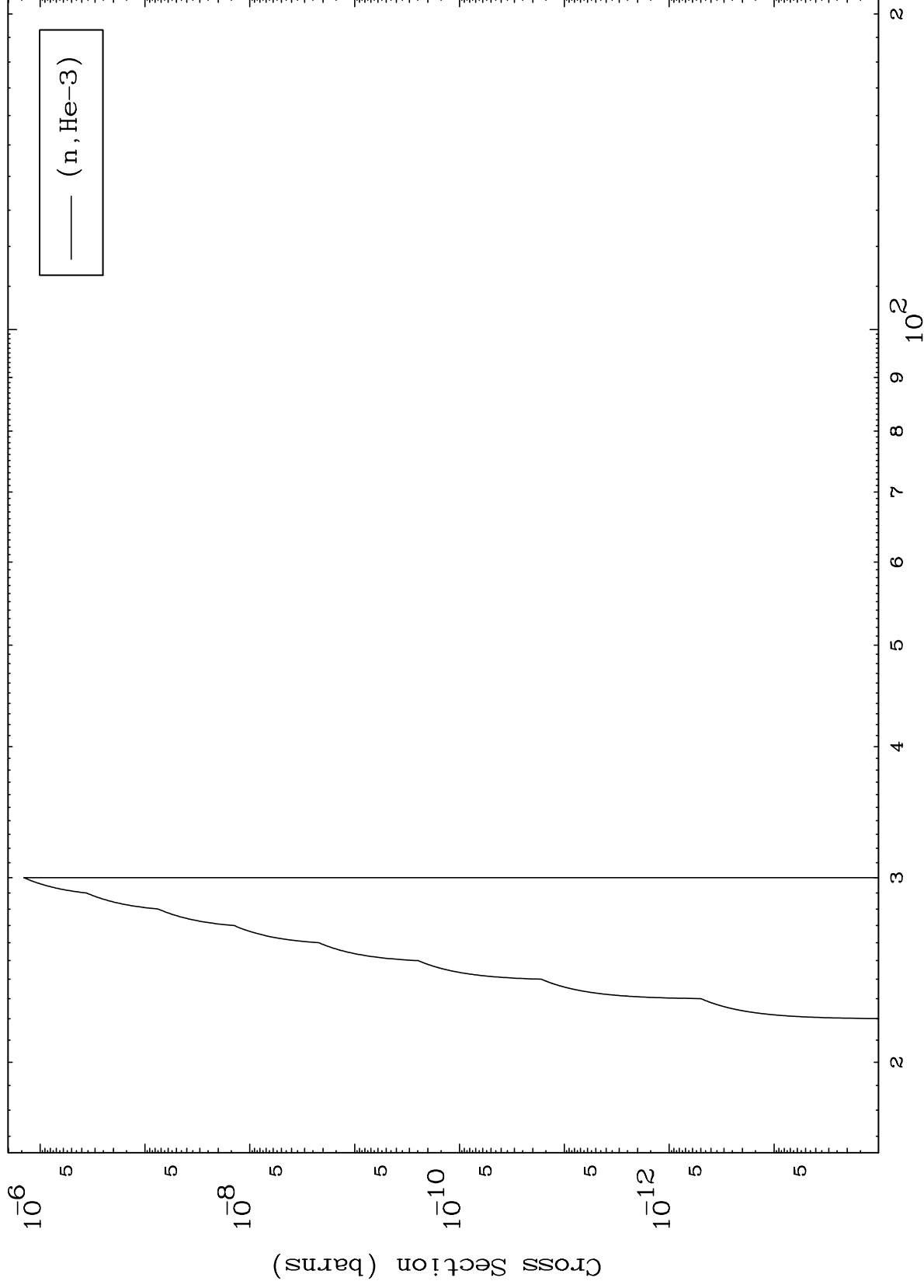
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MAT 4055

(n,He3) Levels
293 Kelvin Cross Sections

40-Zr-100



14

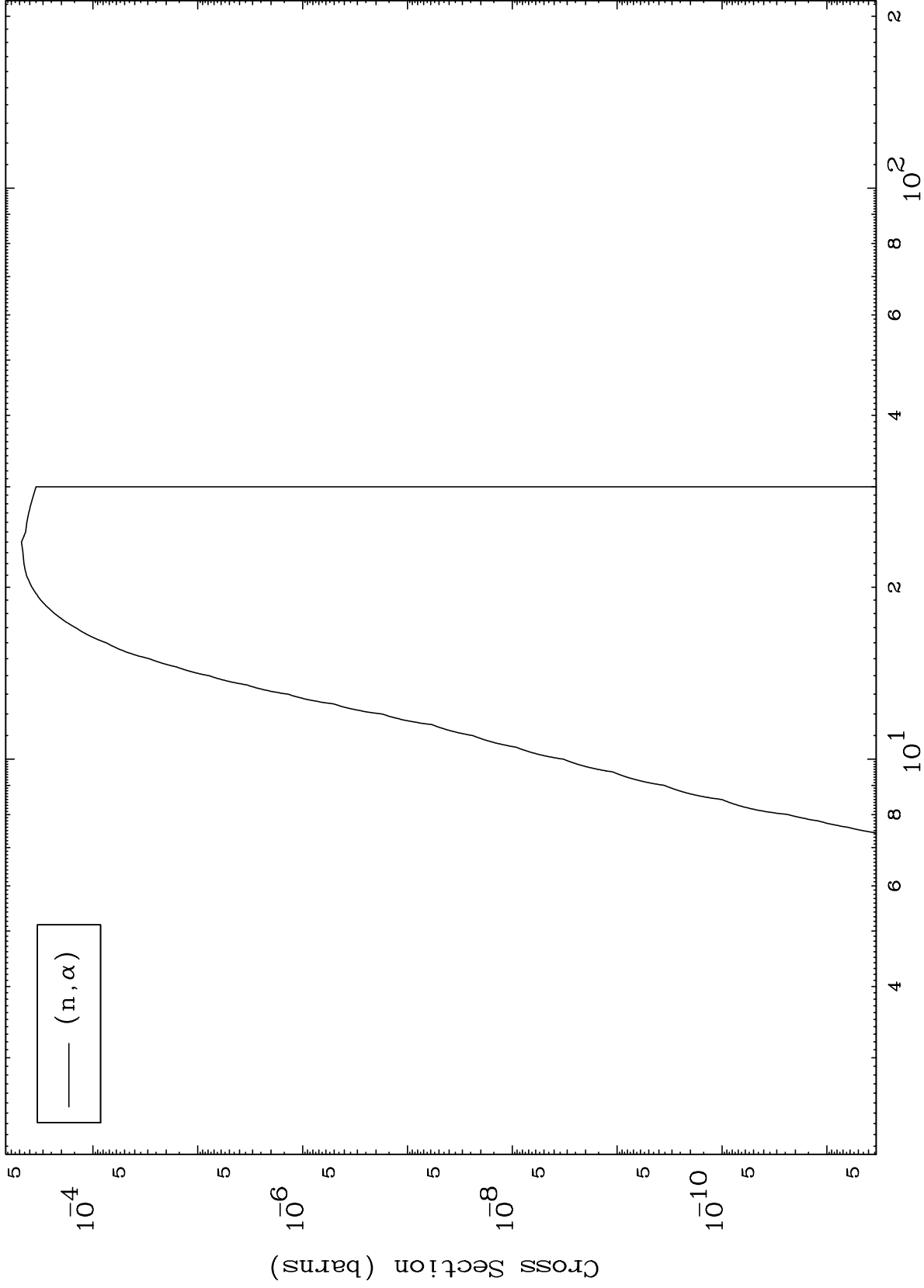
Incident Energy (MeV)

40-Zr-100

MAT 4055

(n, α) Levels
293 Kelvin Cross Sections

40-Zr-100



15

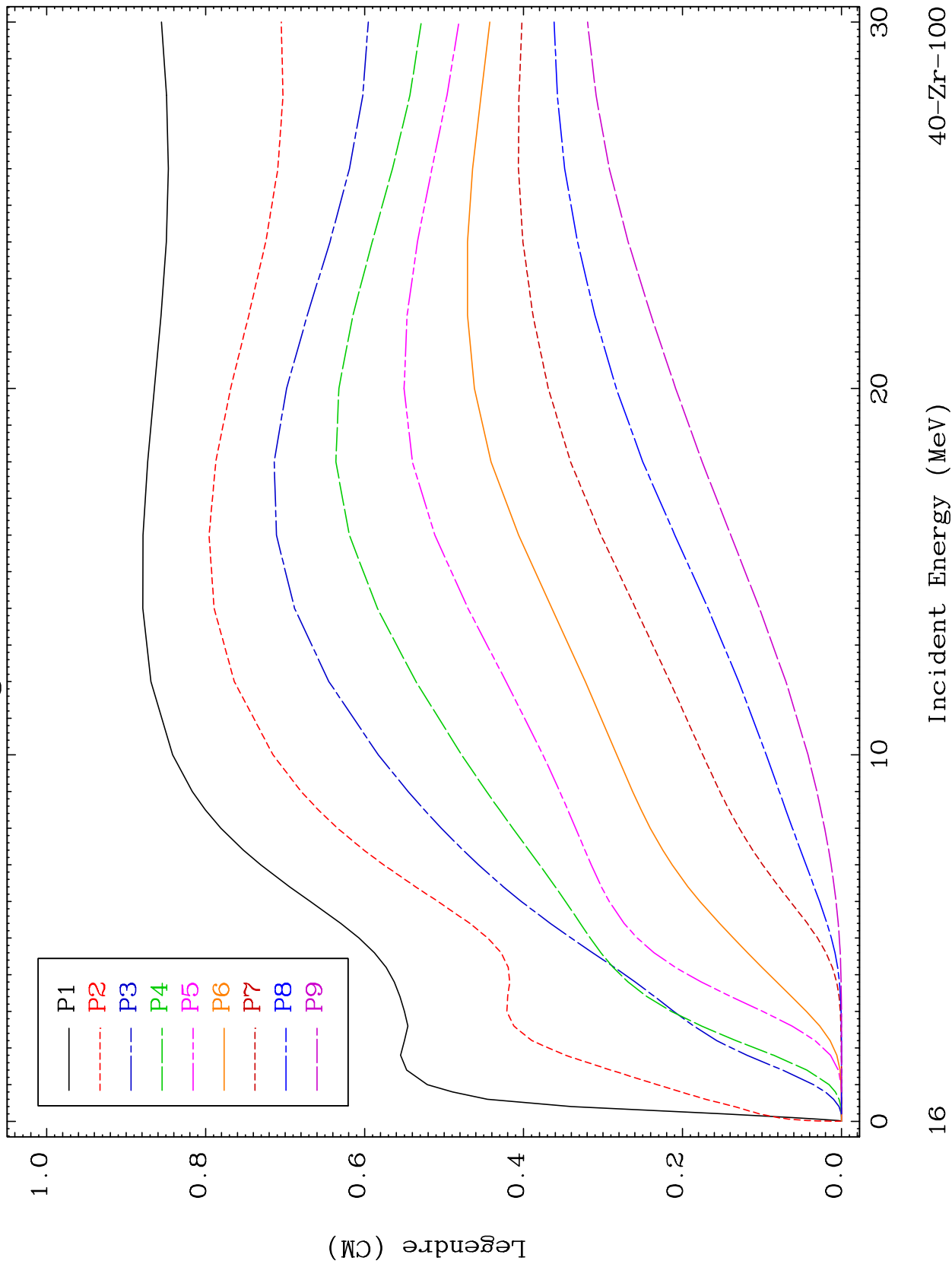
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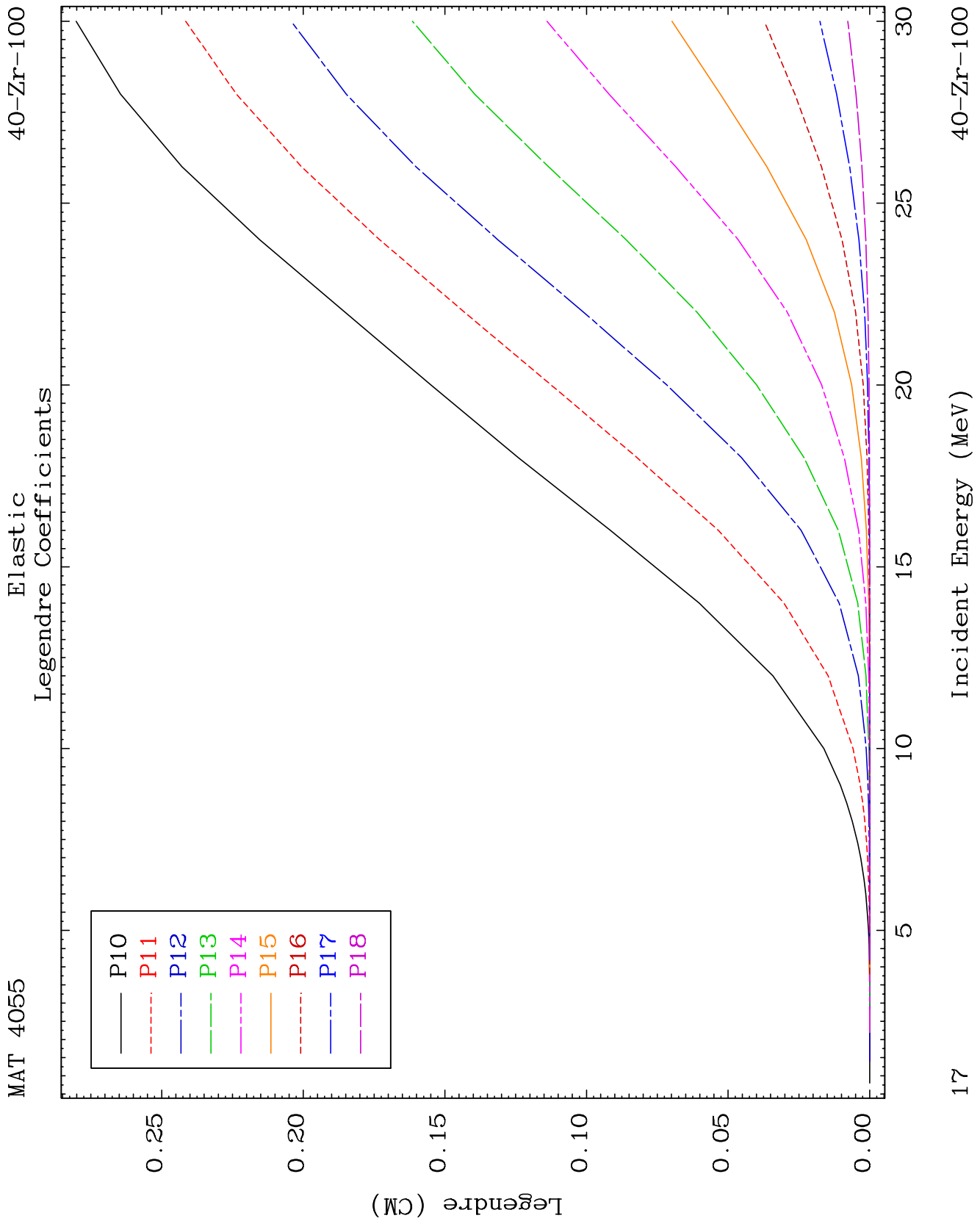
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MAT 4055

Elastic Legendre Coefficients

40-Zr-100

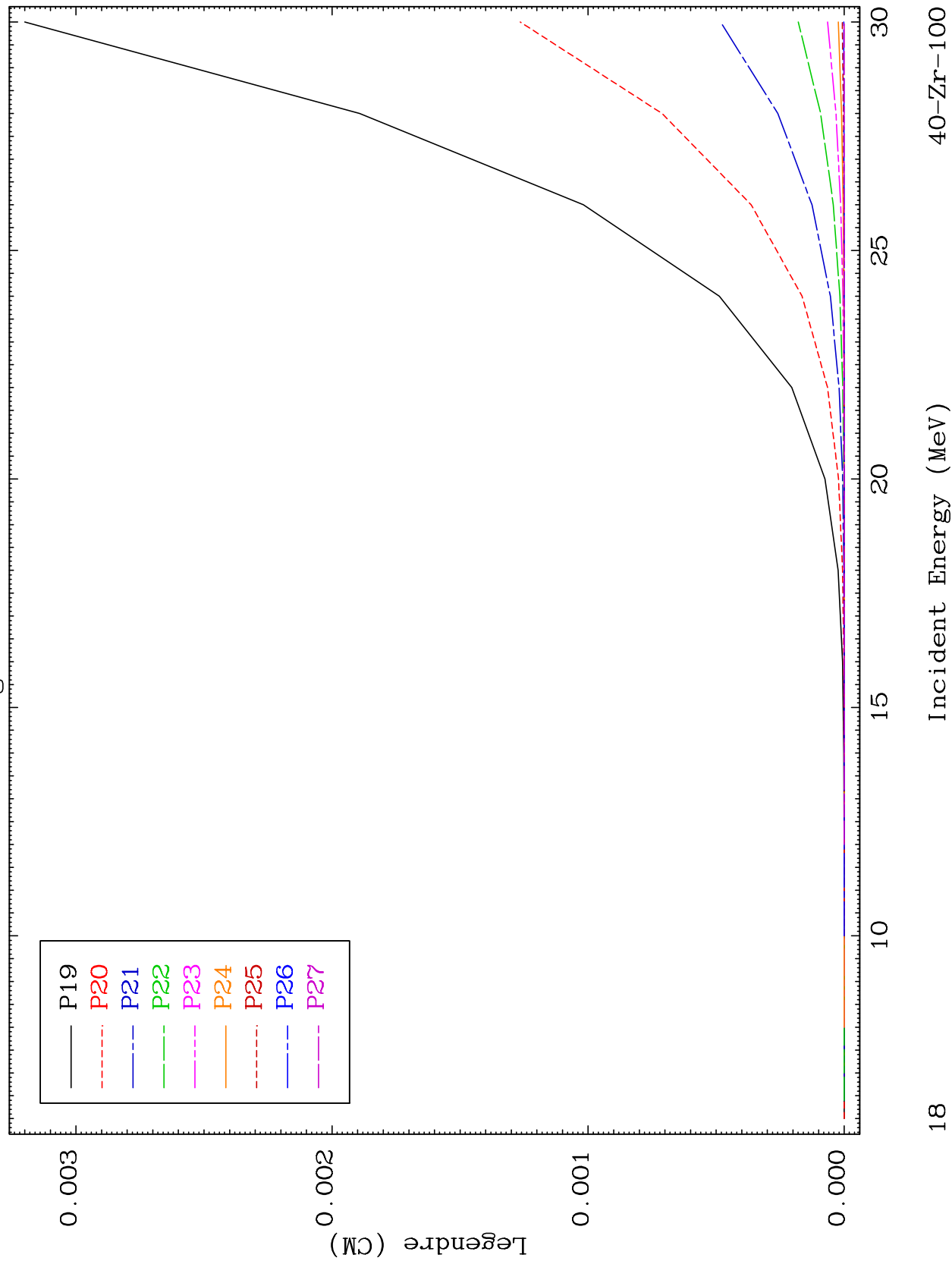




MAT 4055

Elastic Legendre Coefficients

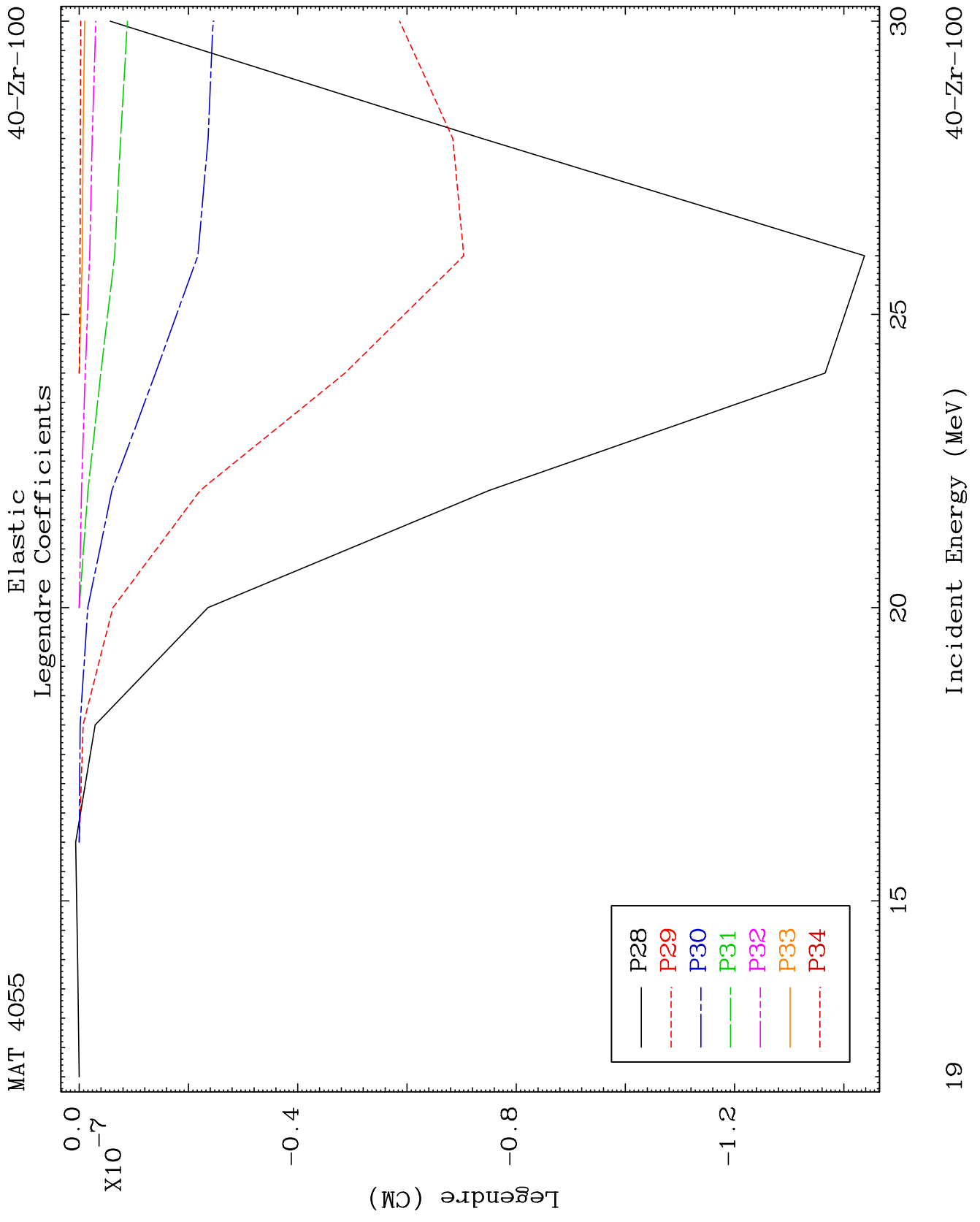
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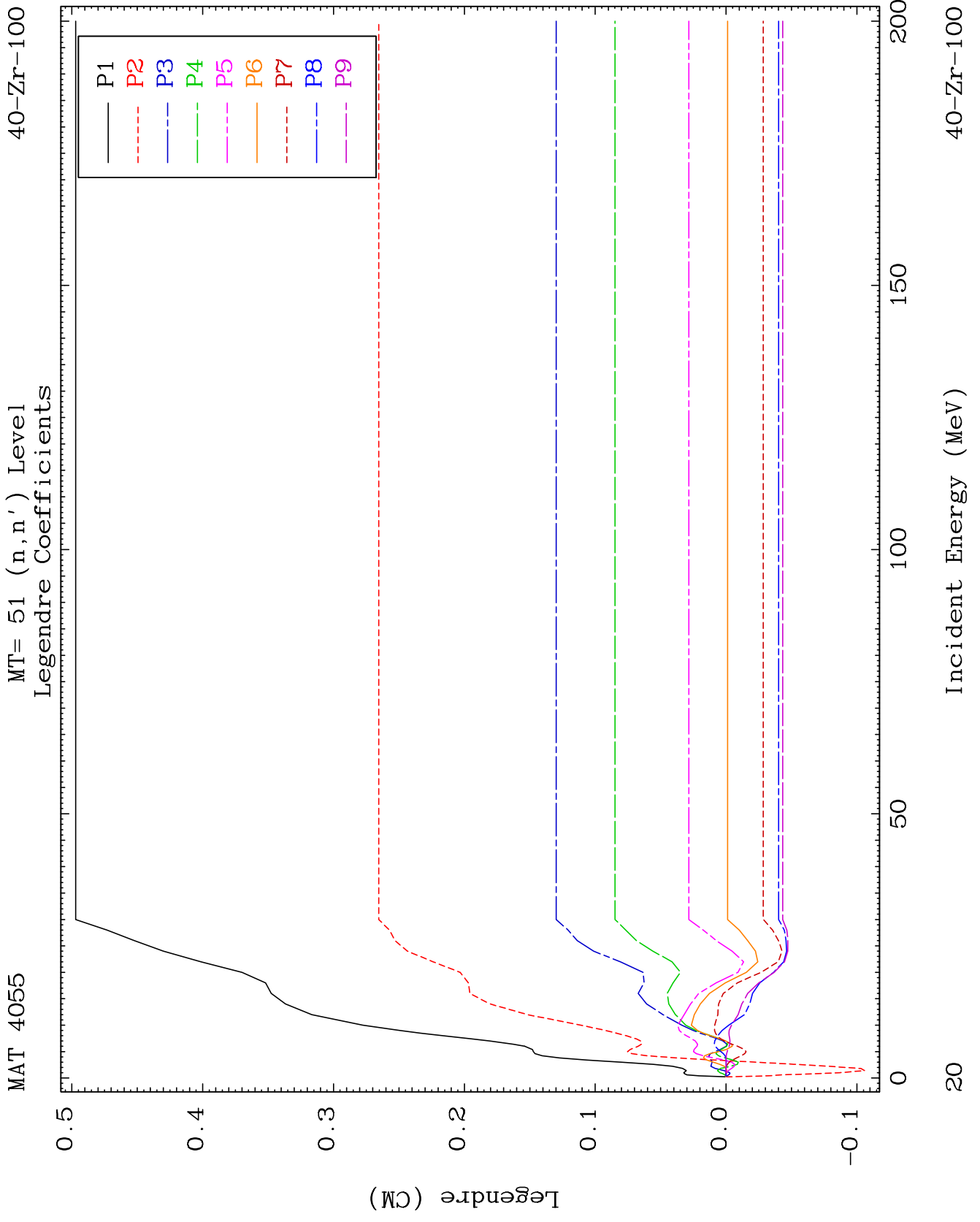


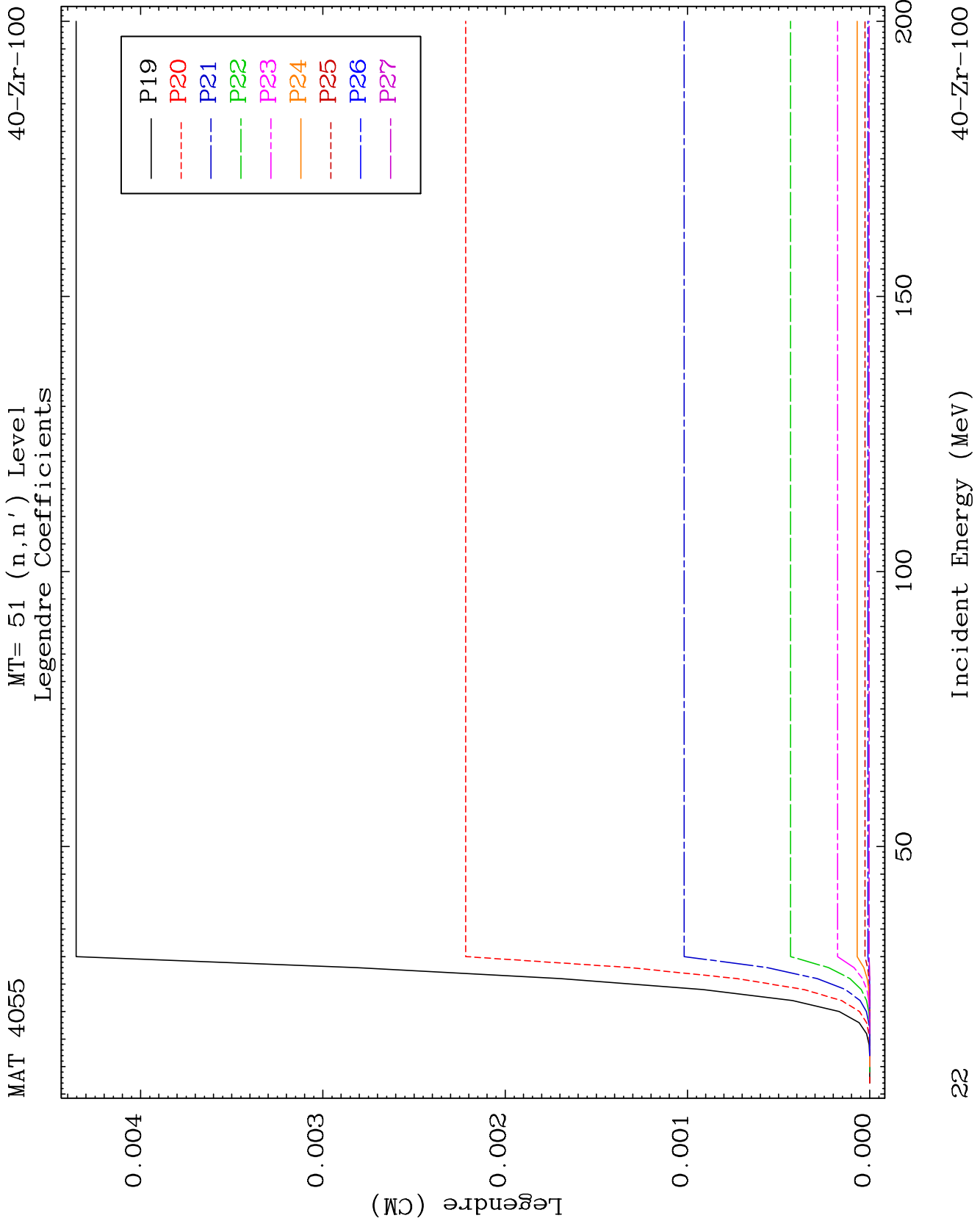
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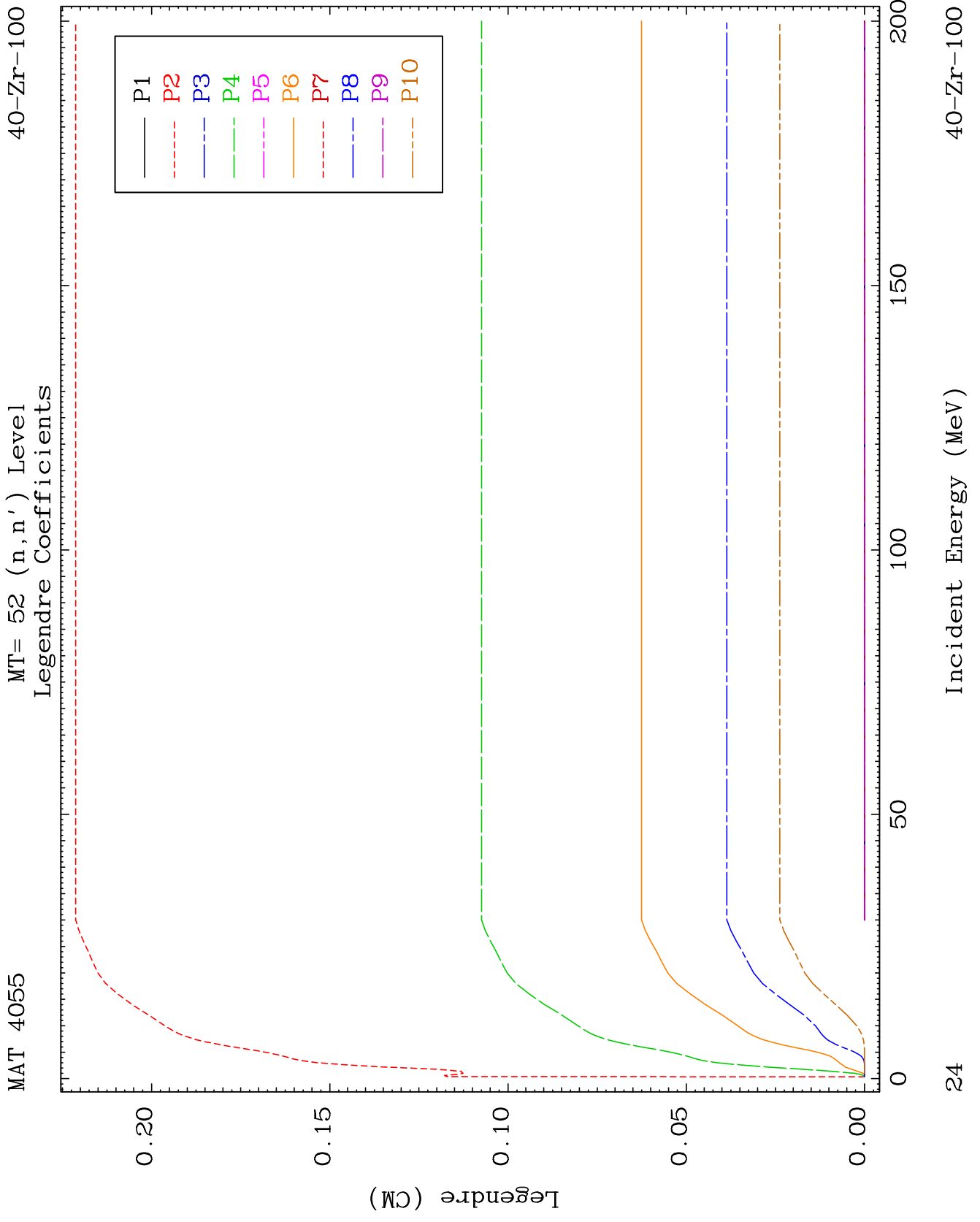
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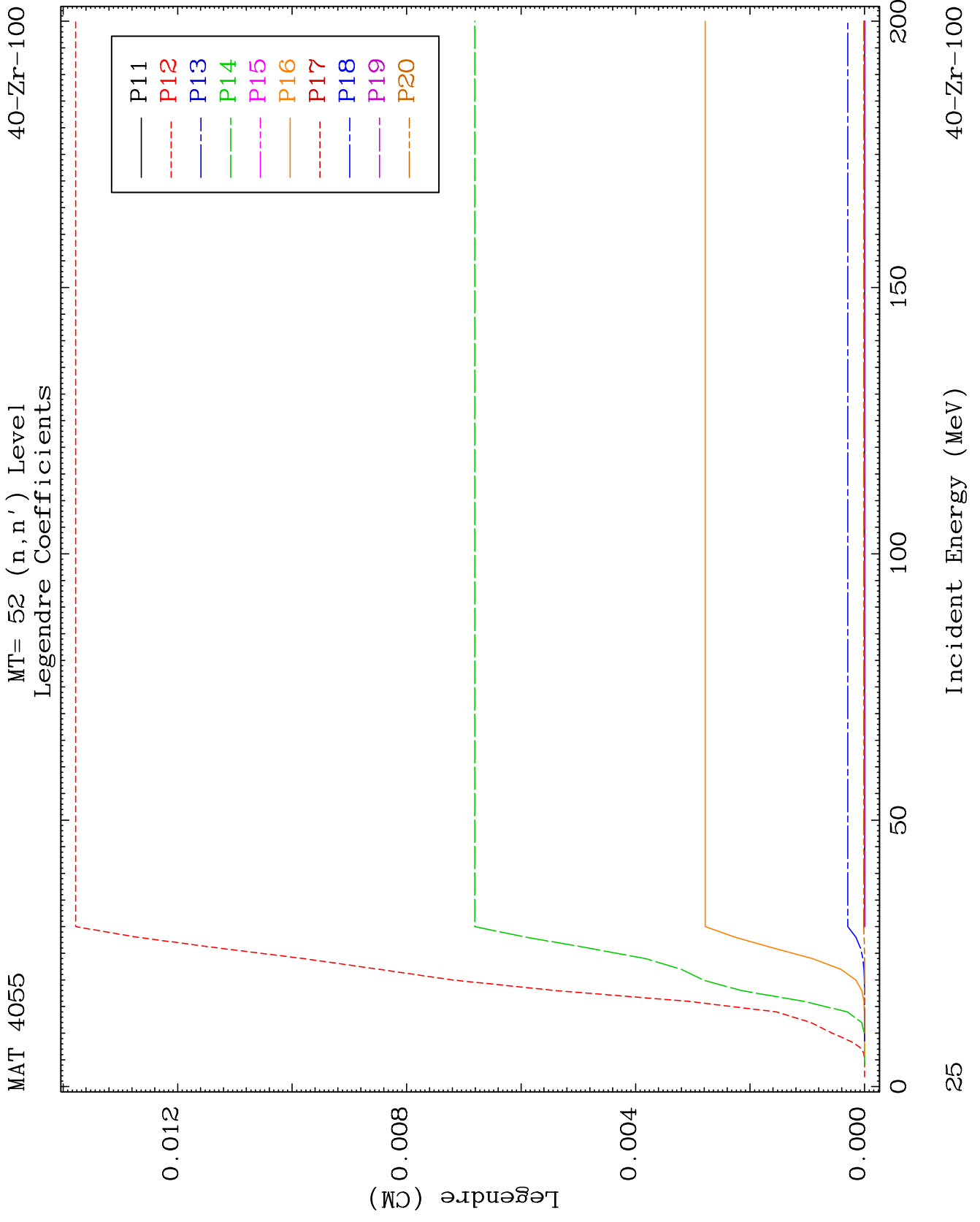
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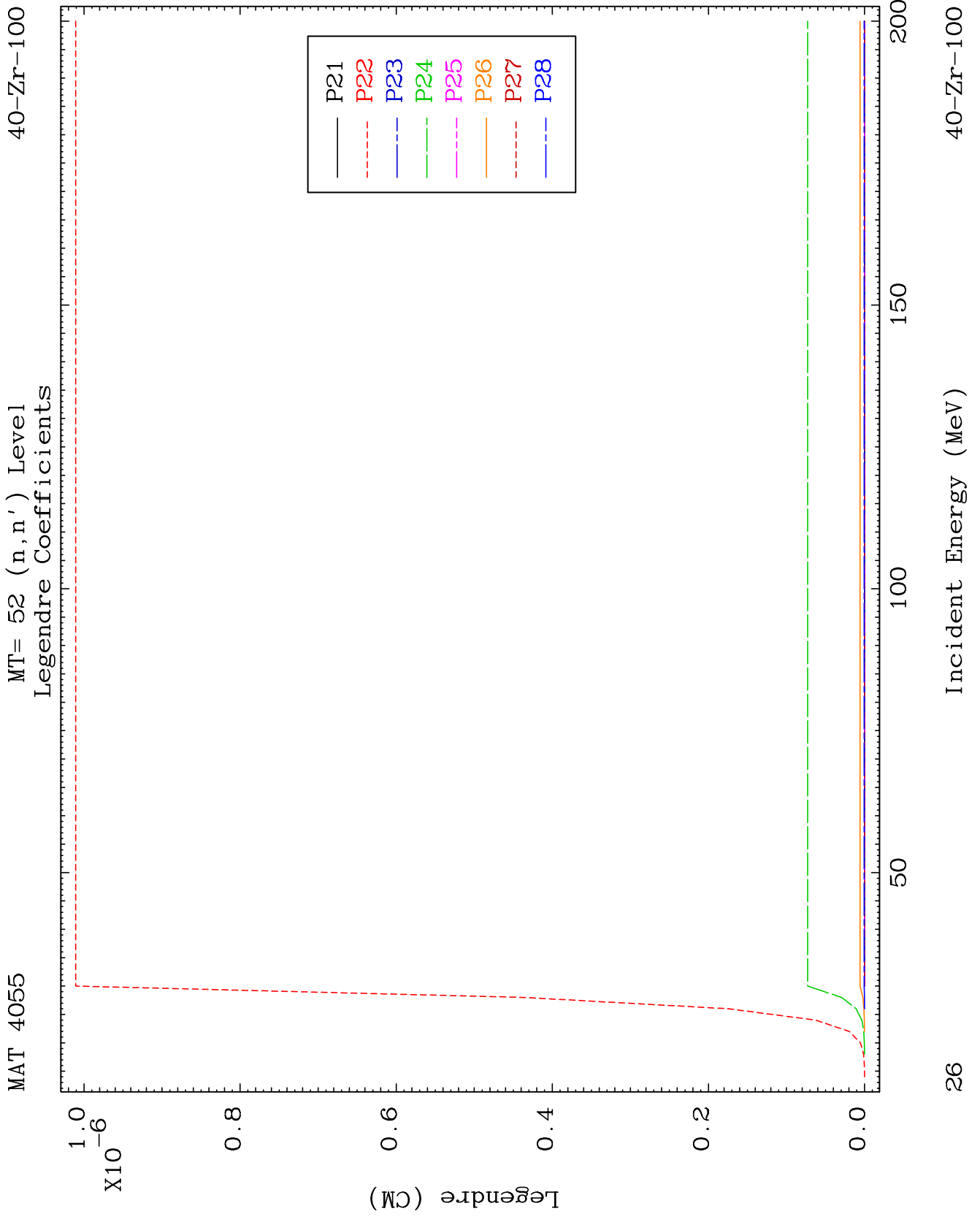


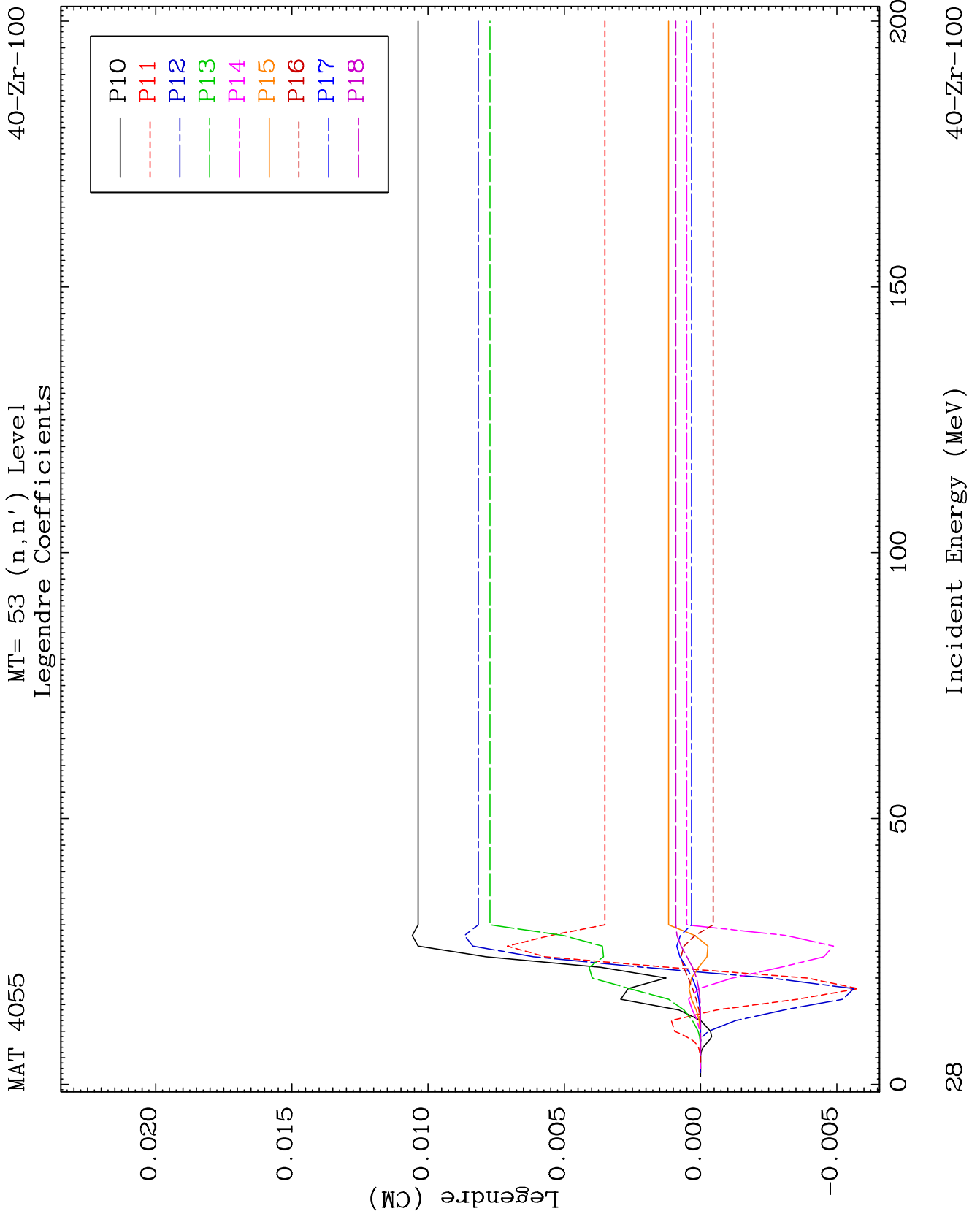


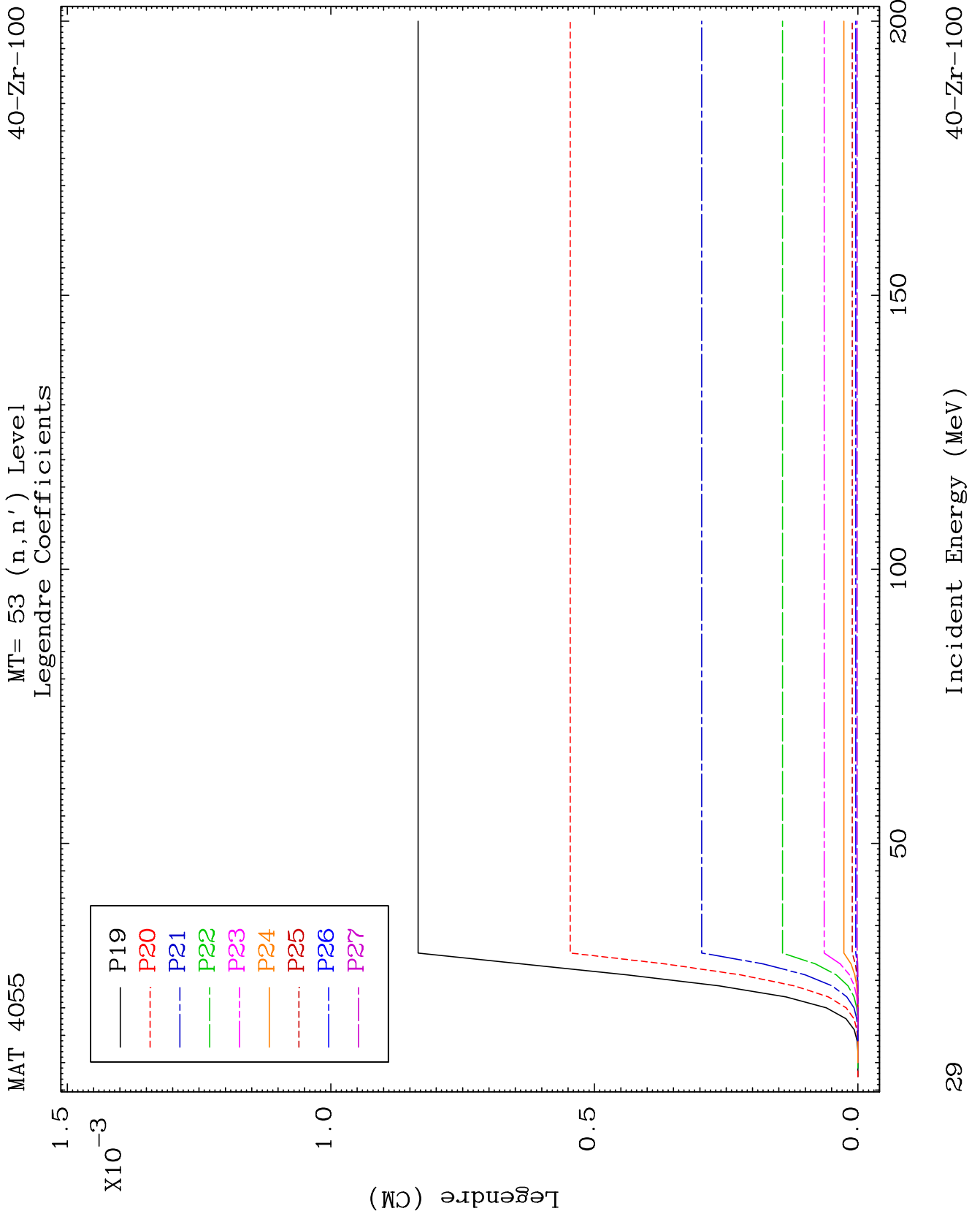


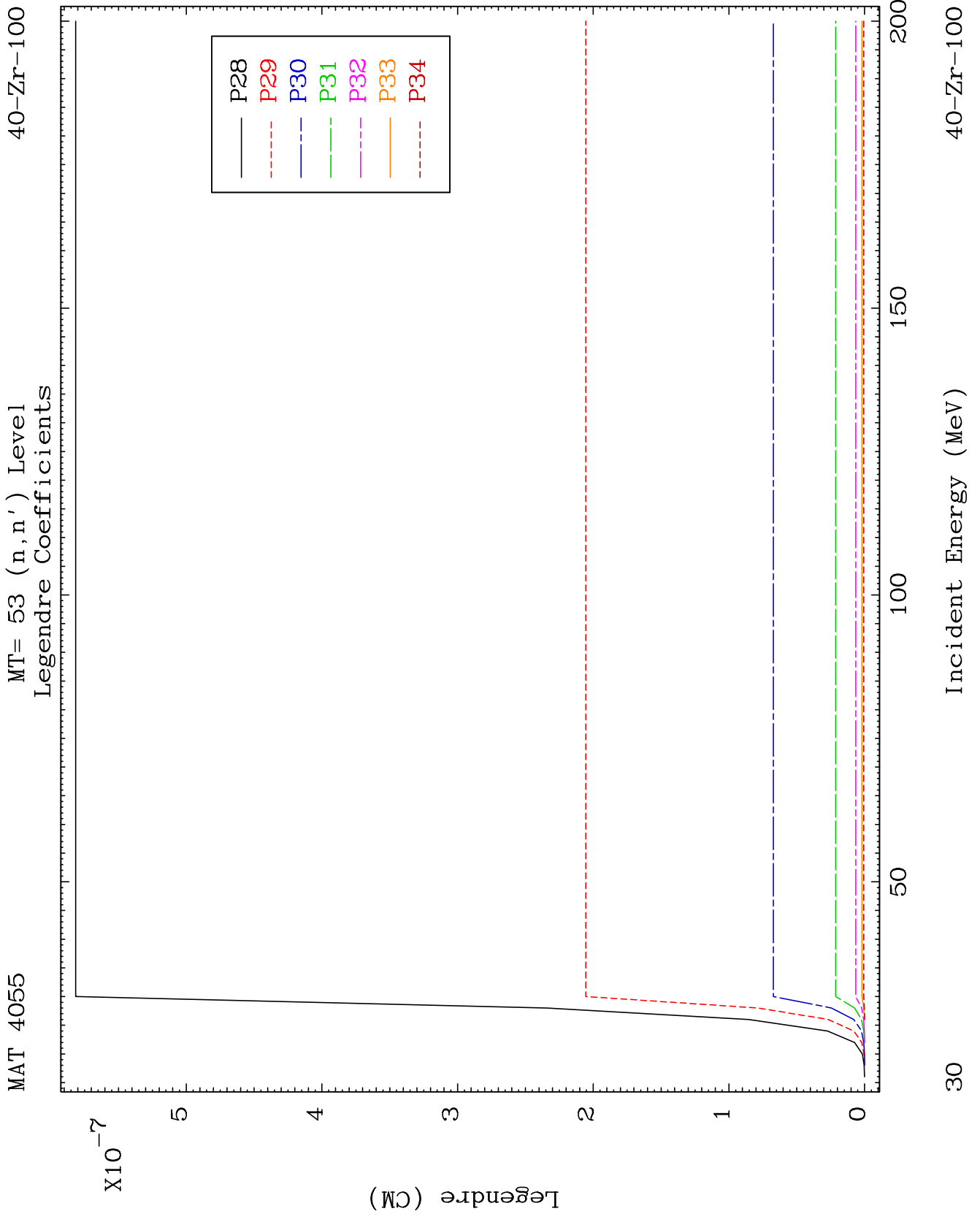


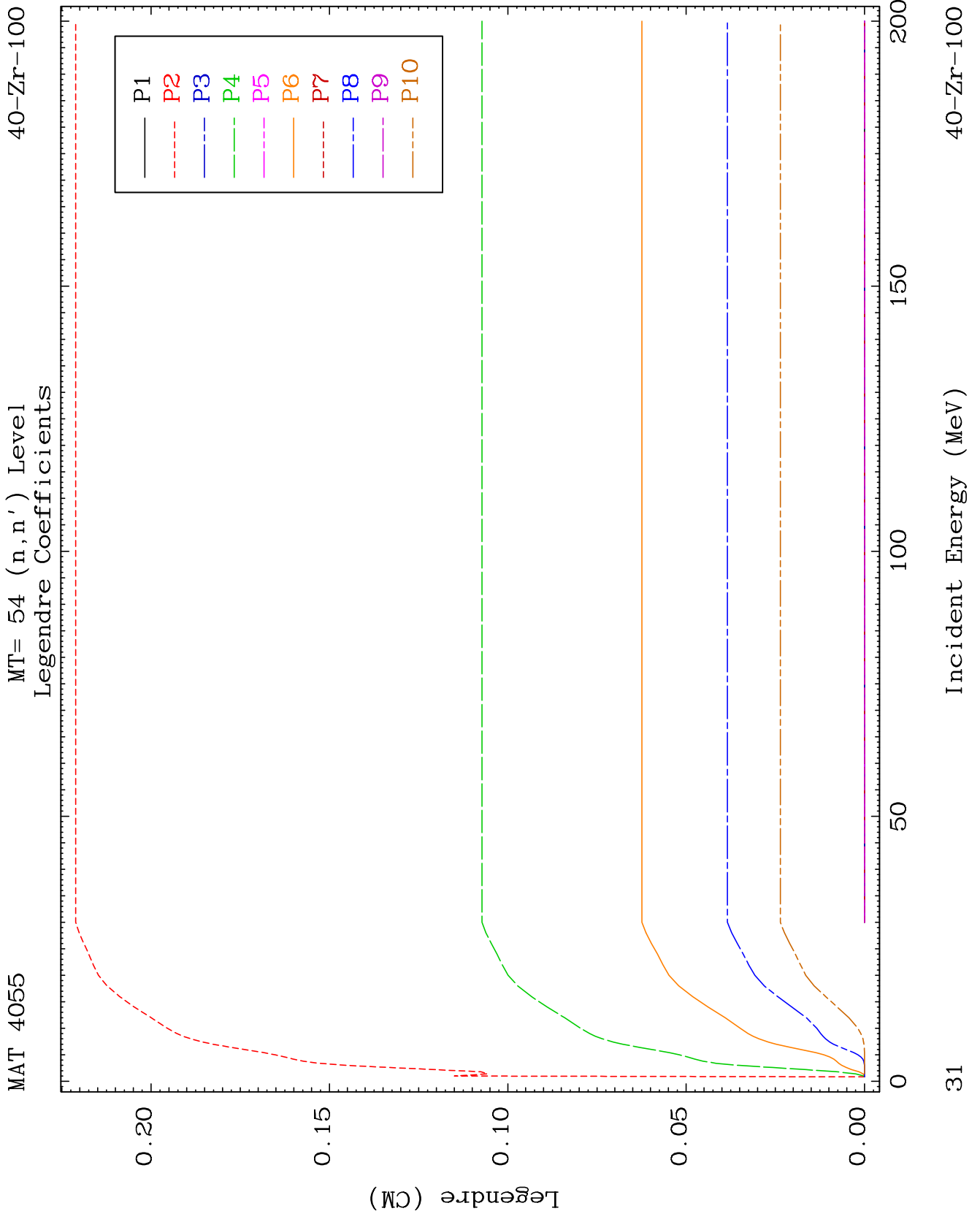


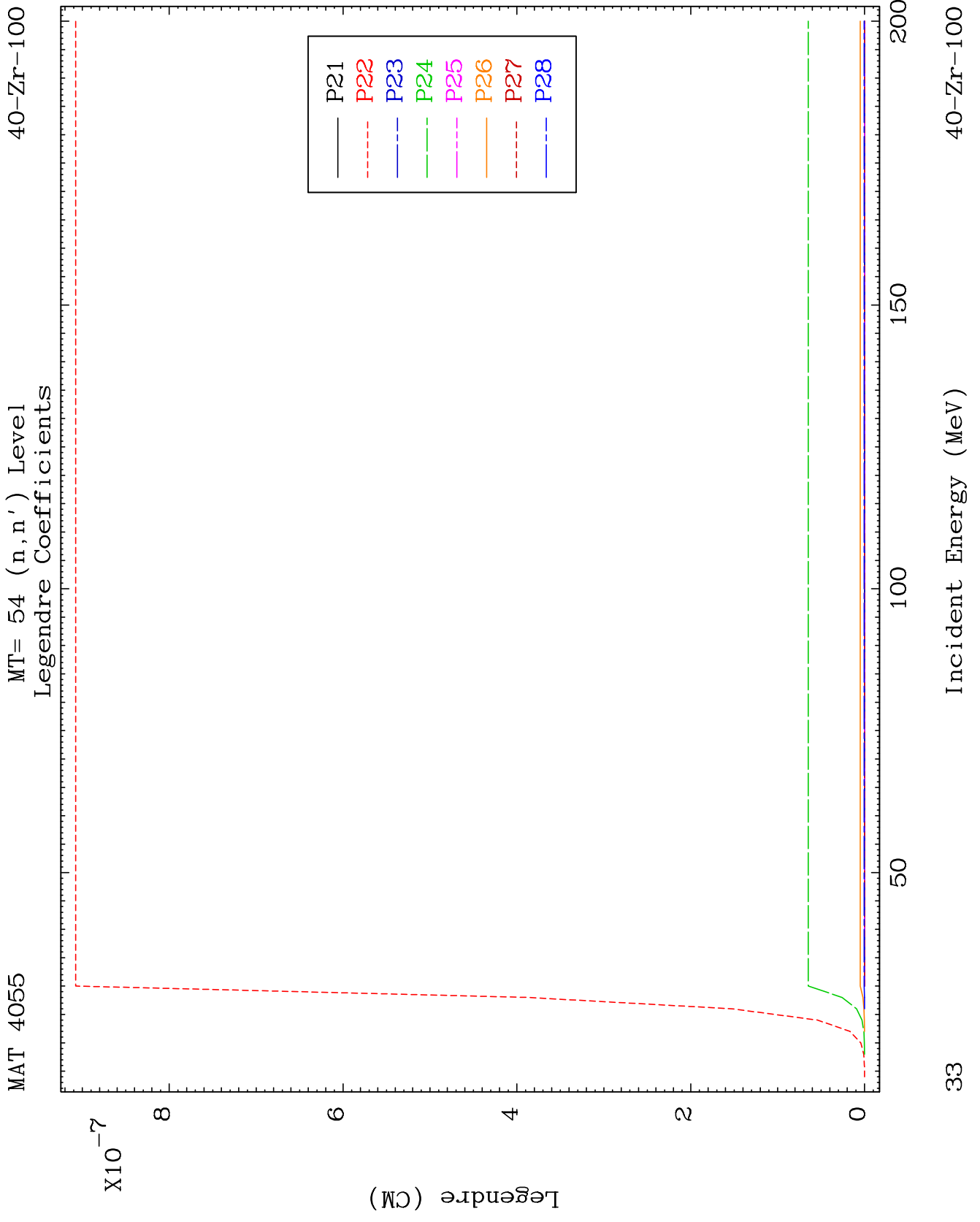


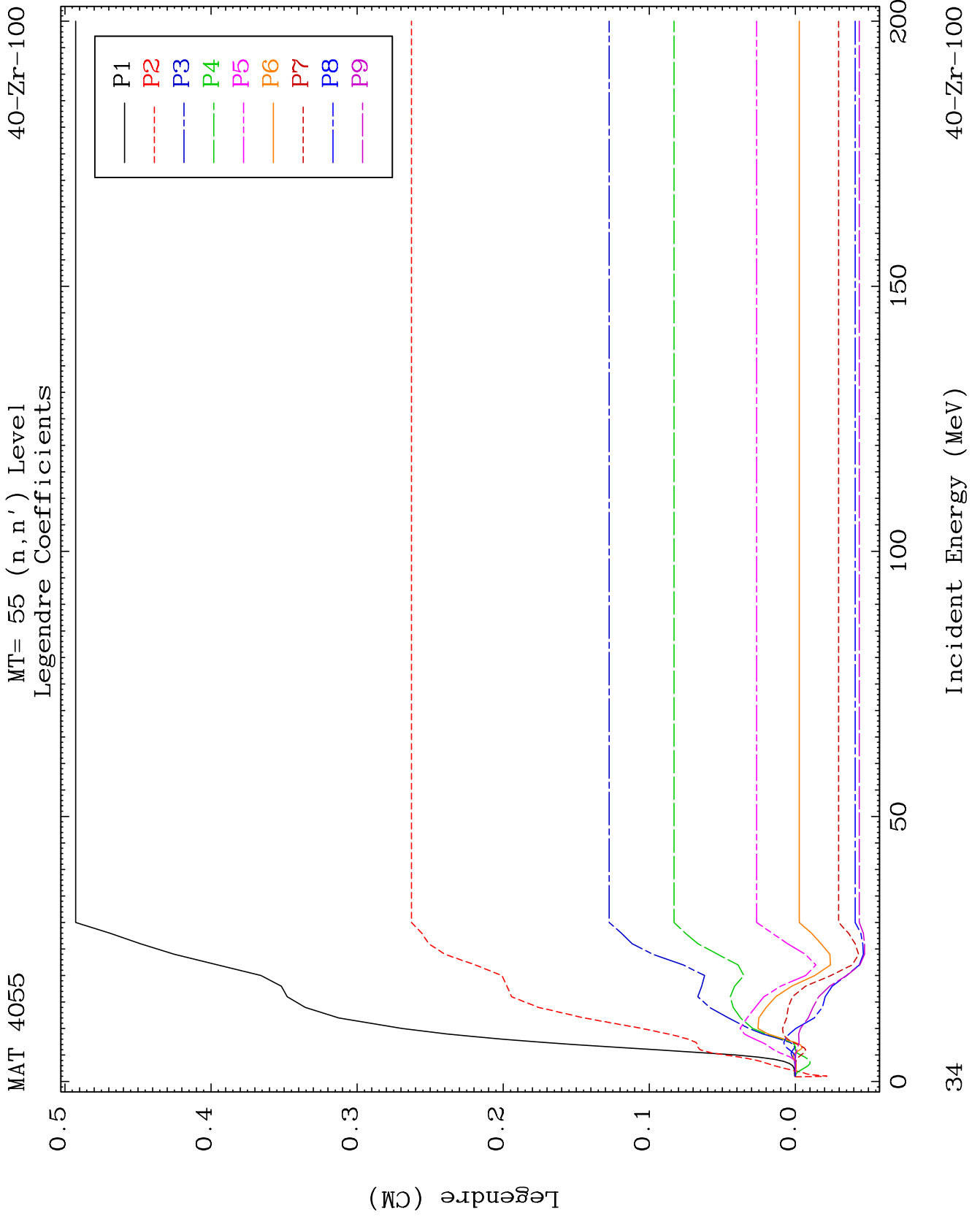


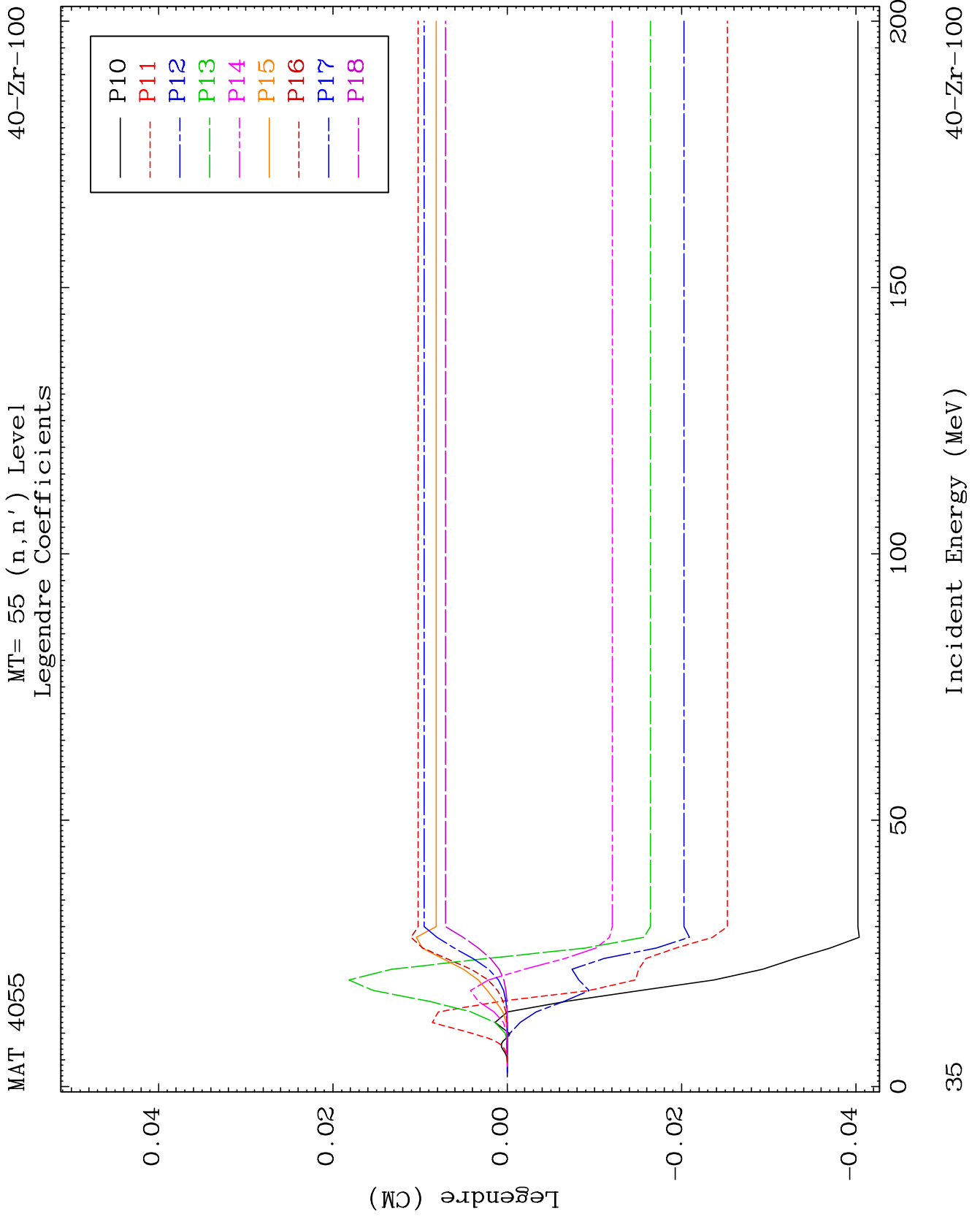


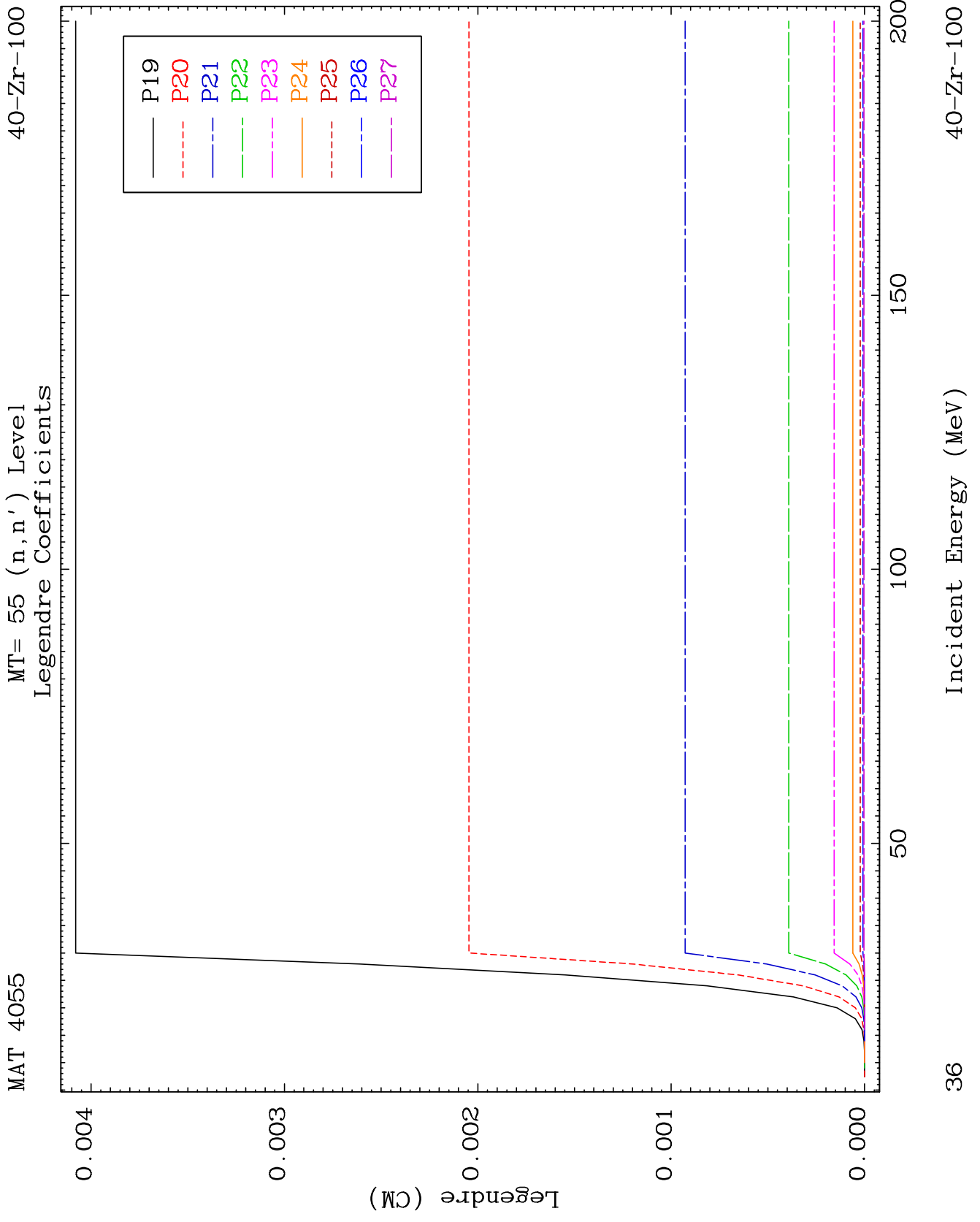


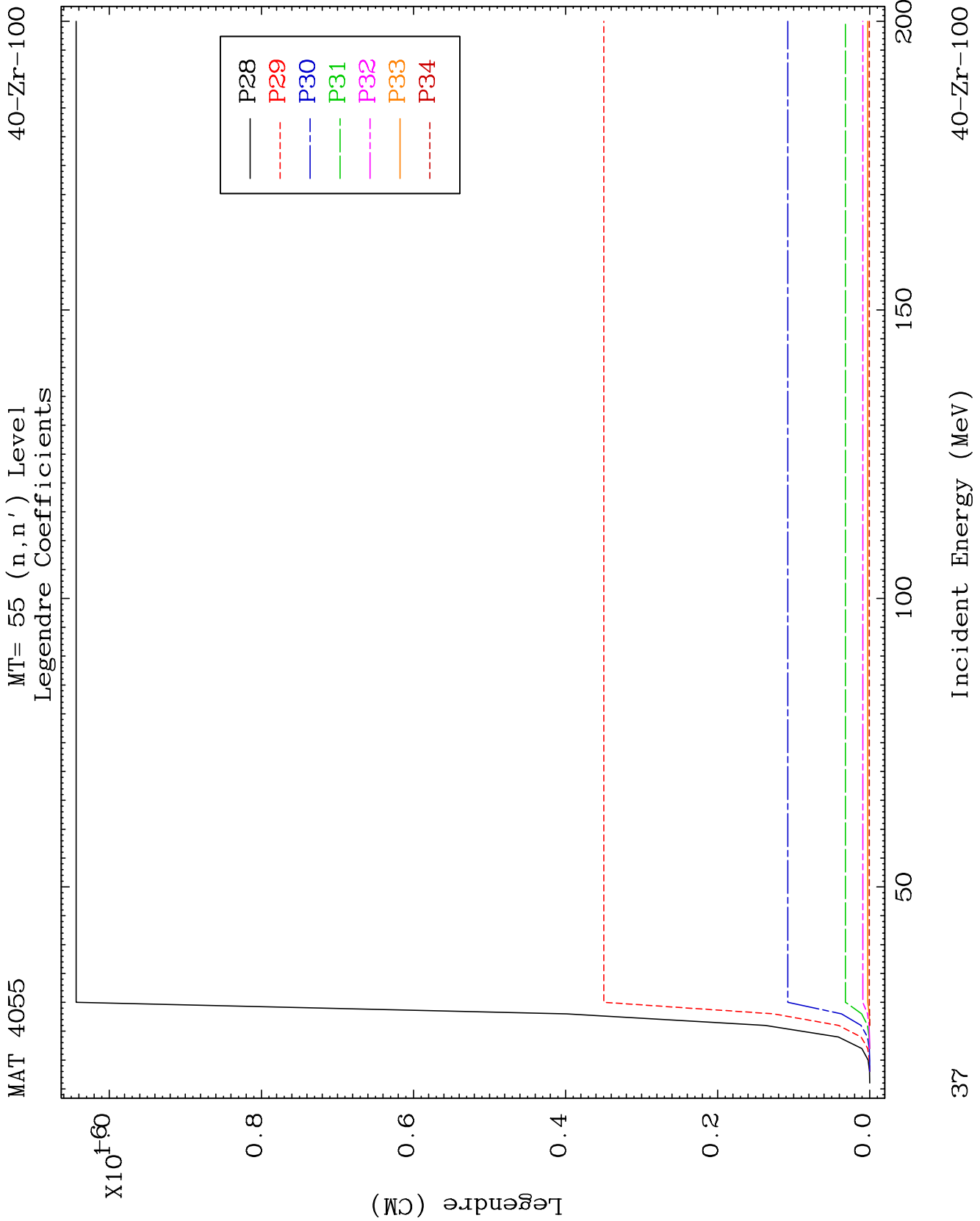


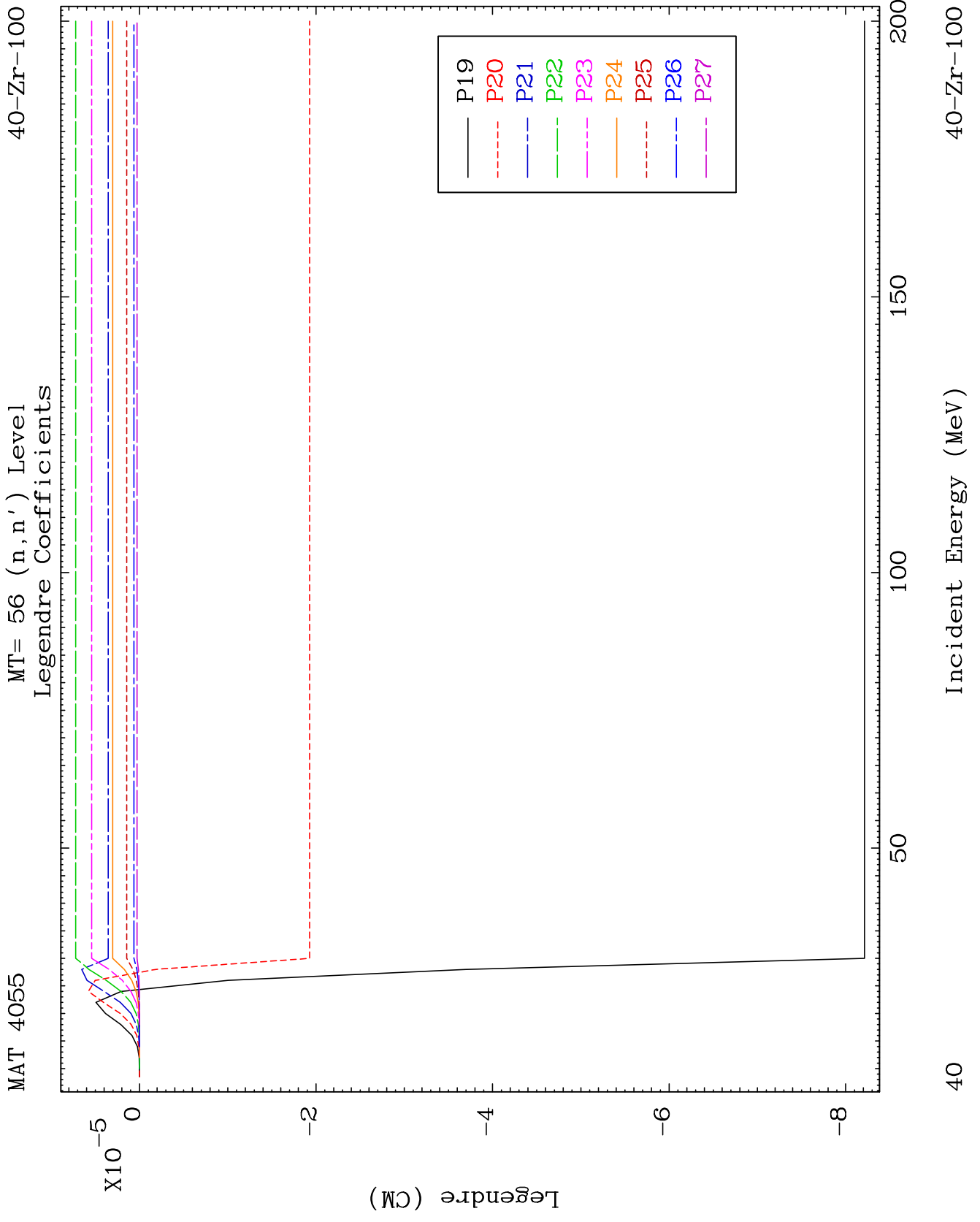


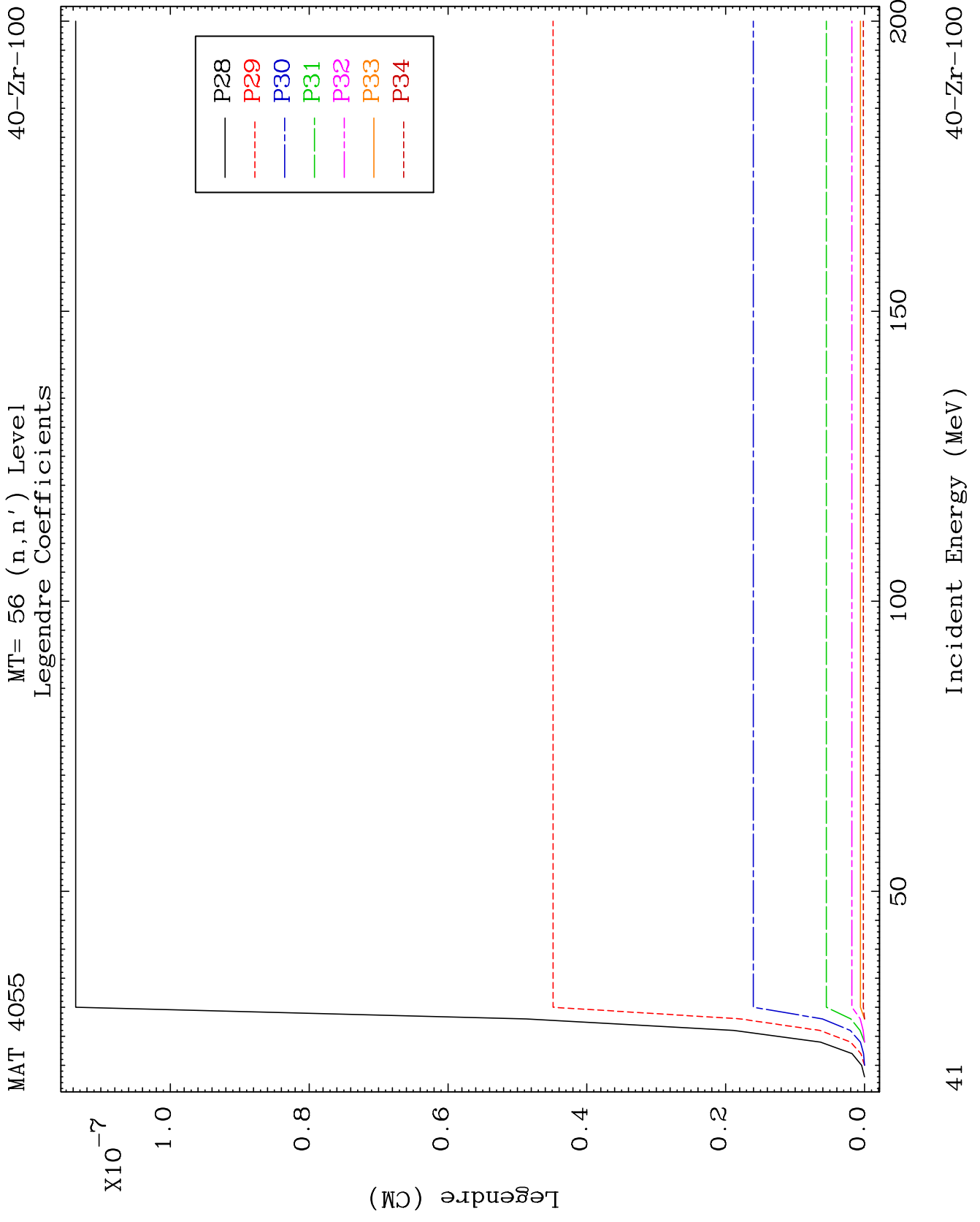


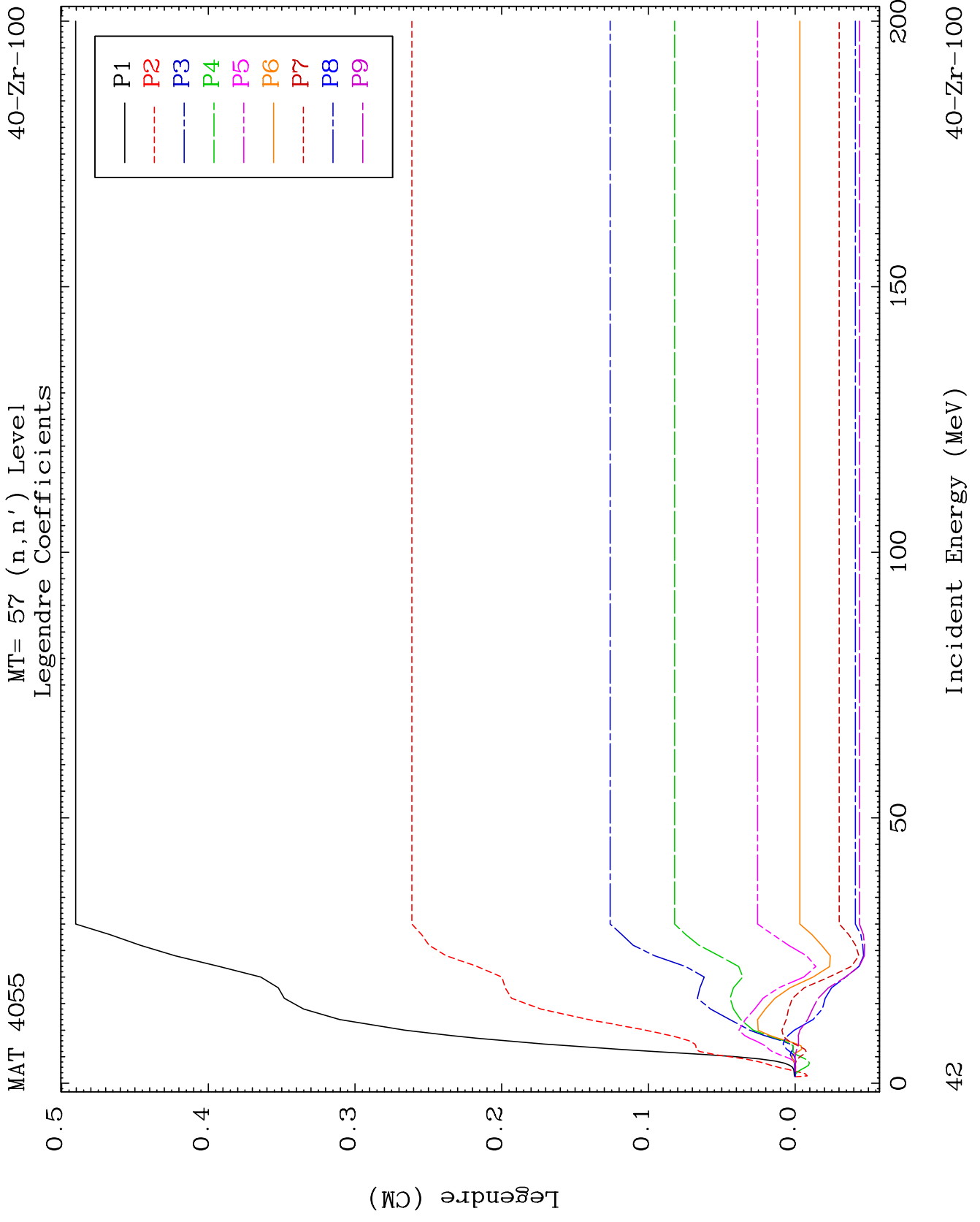


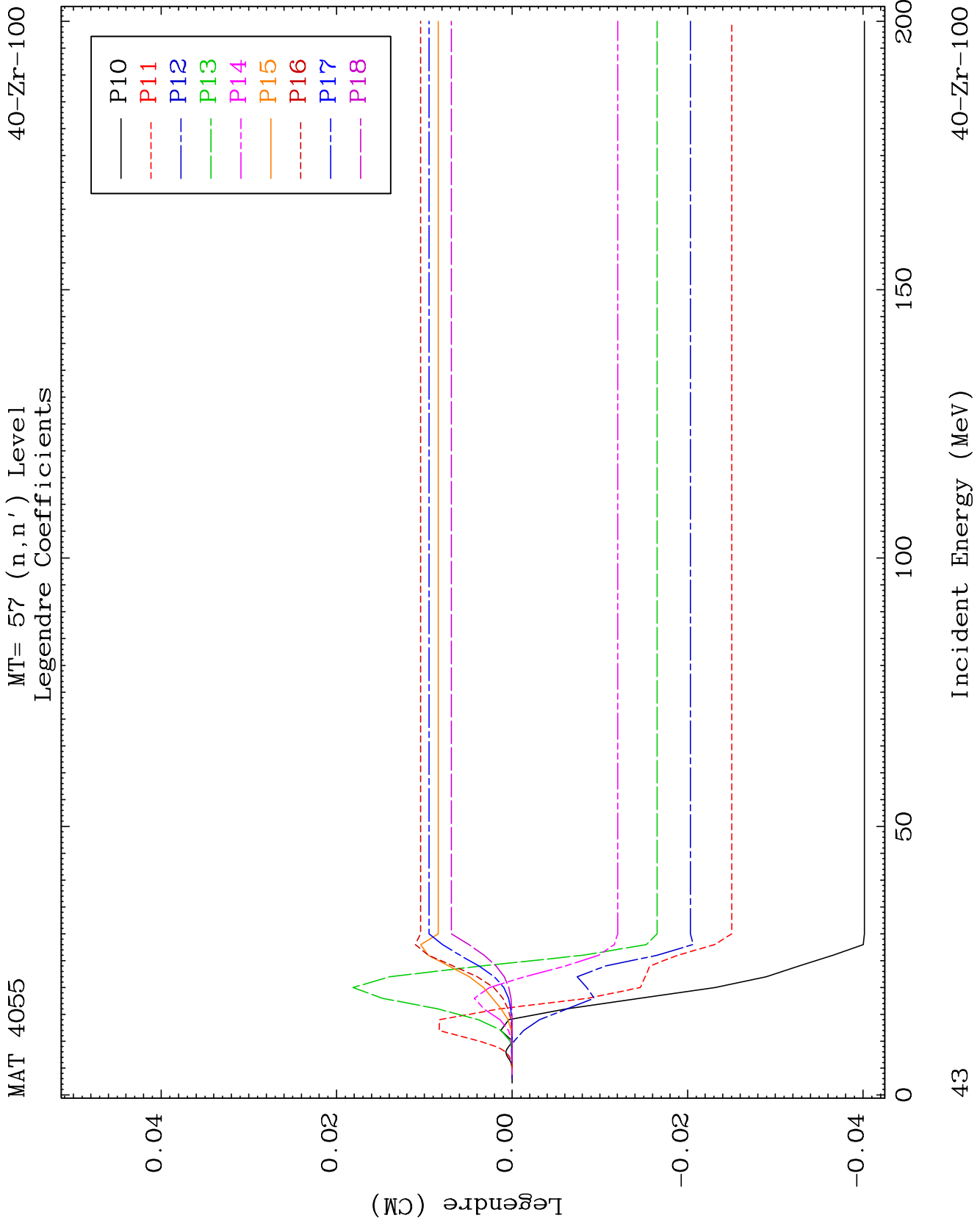


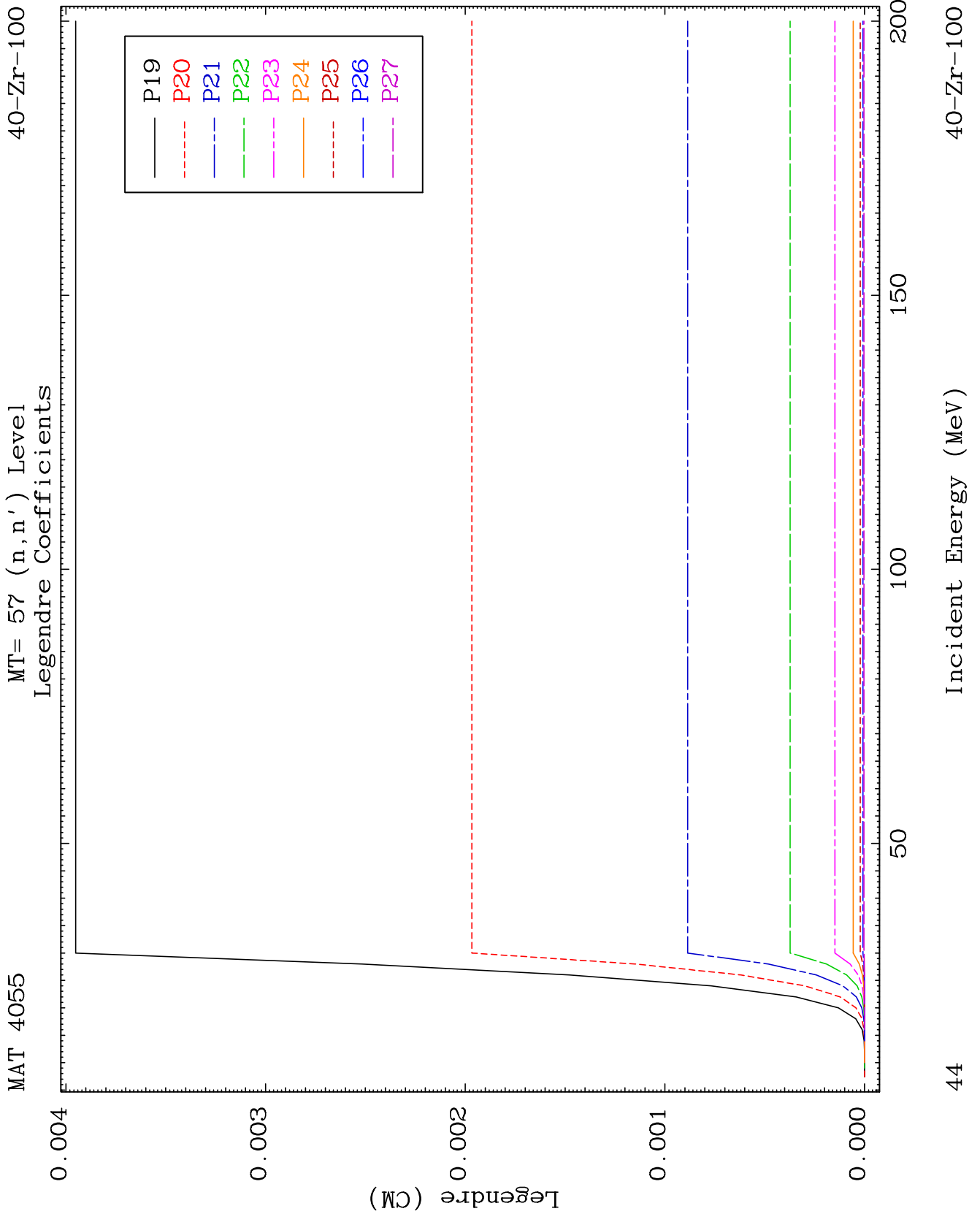


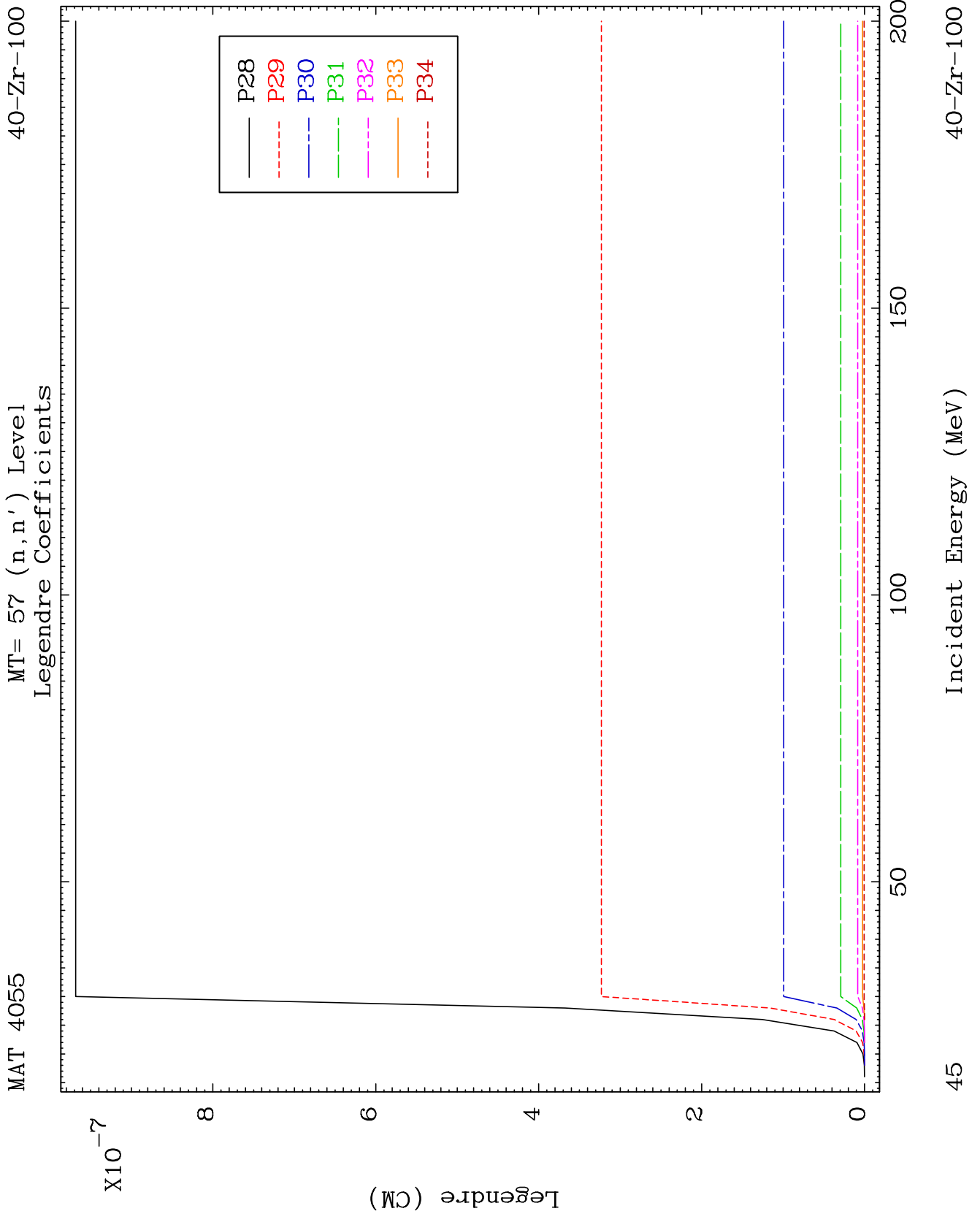


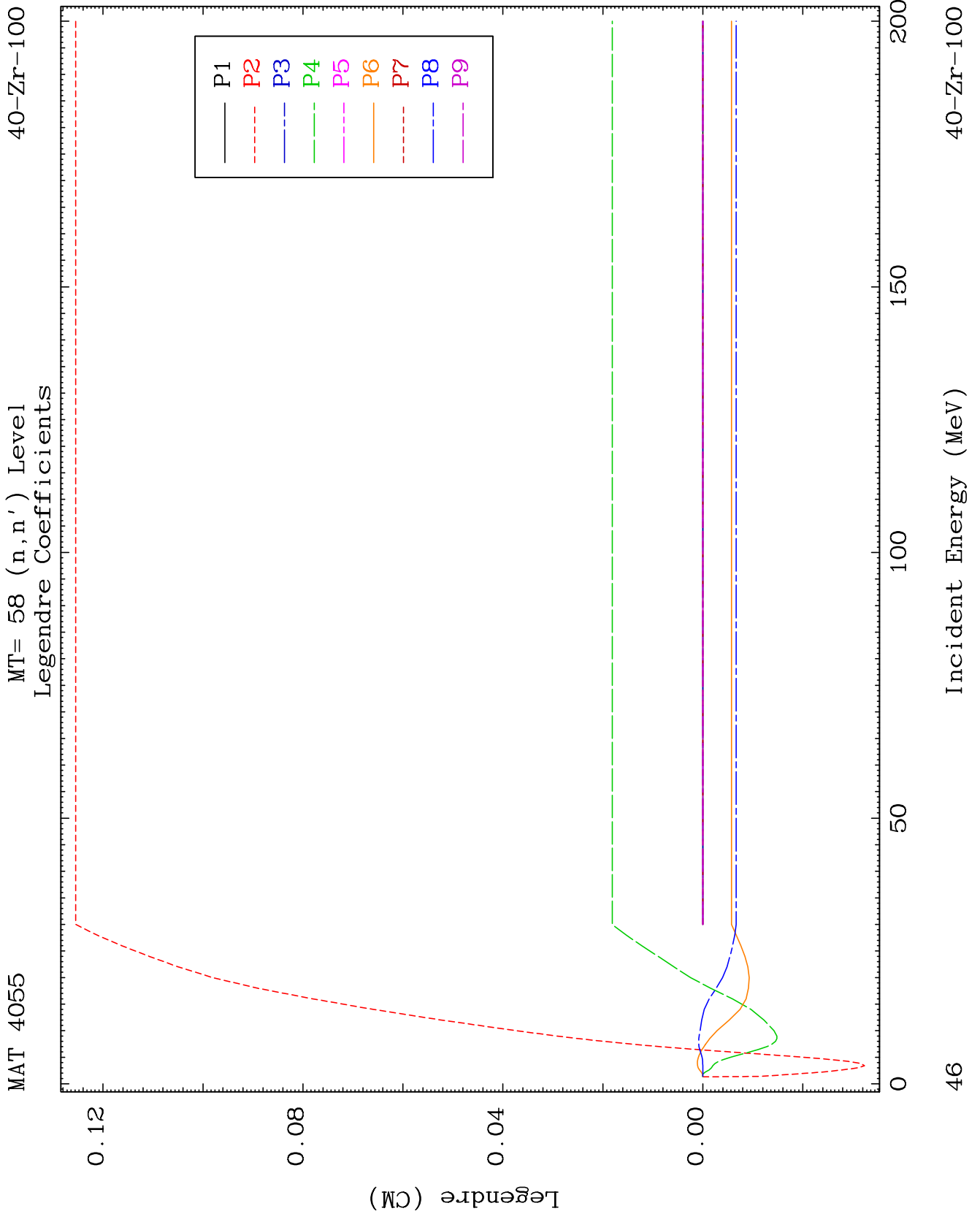


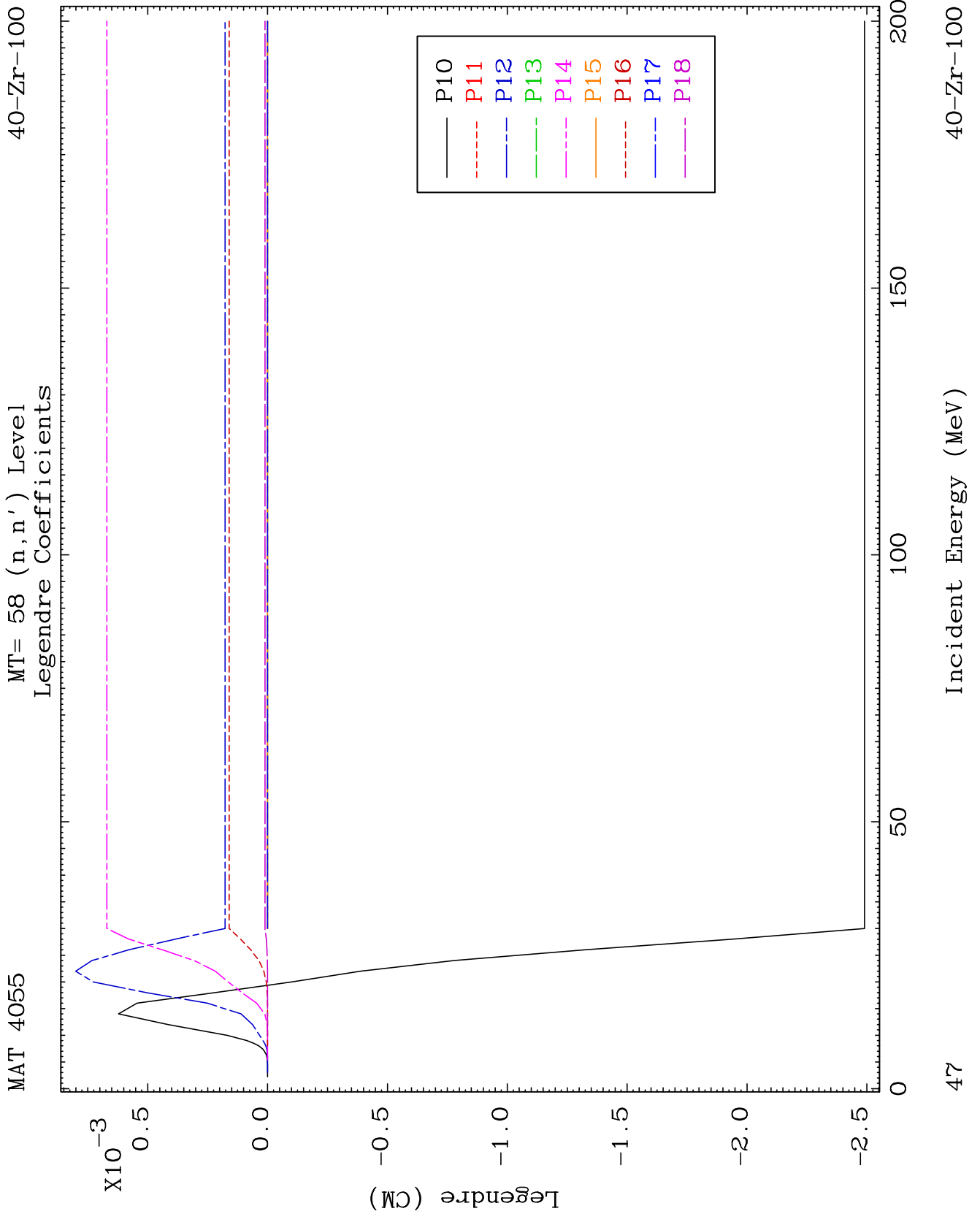


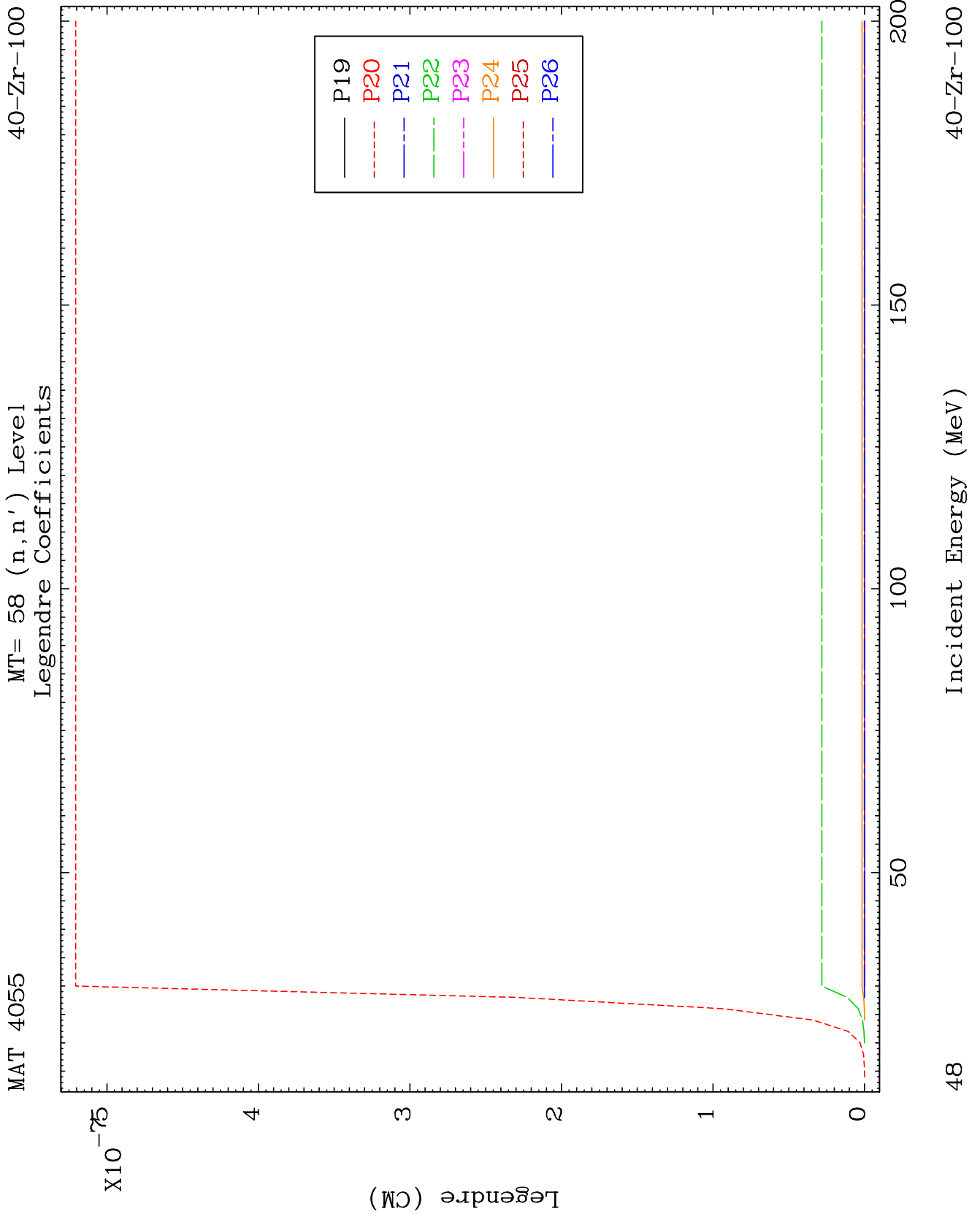


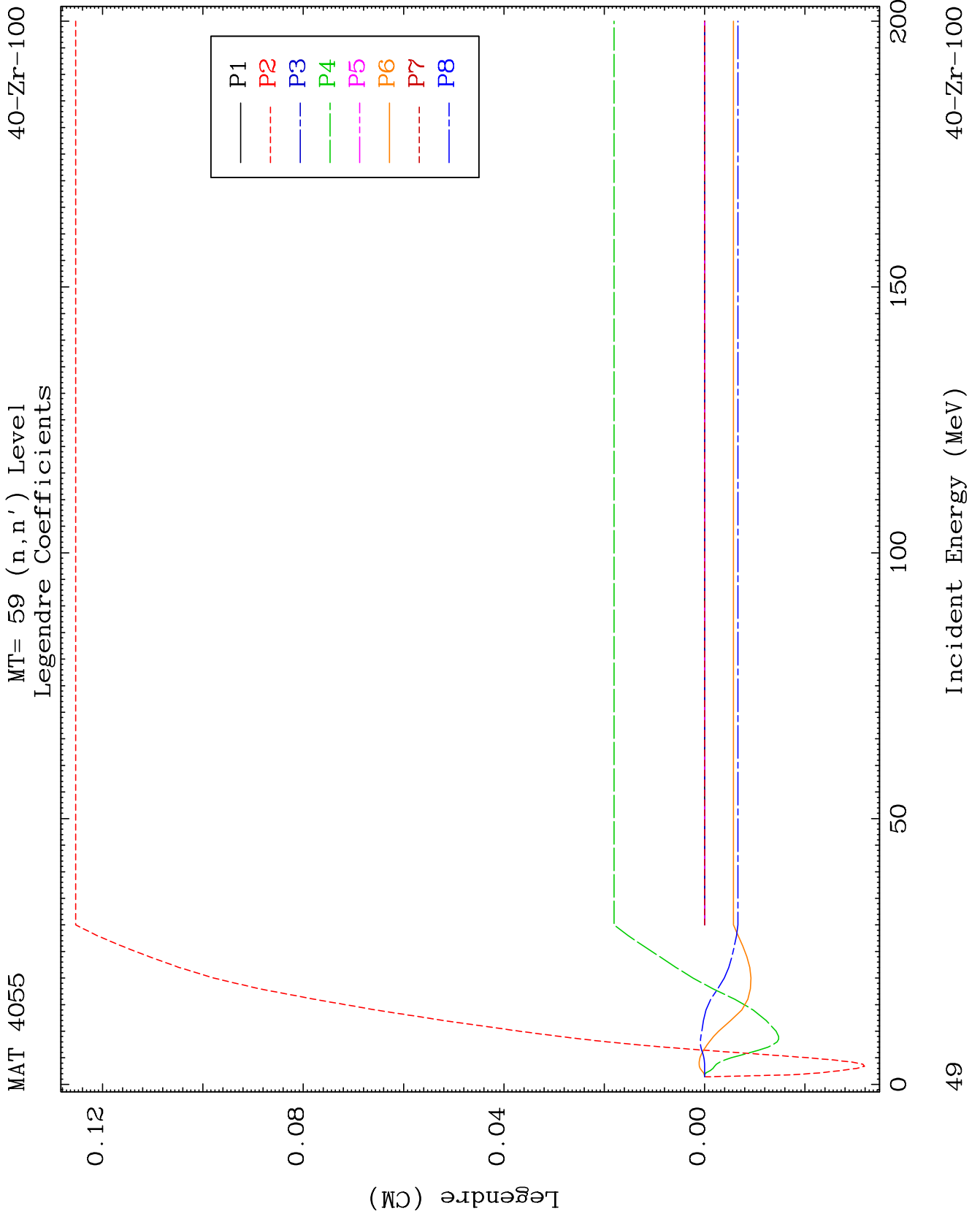


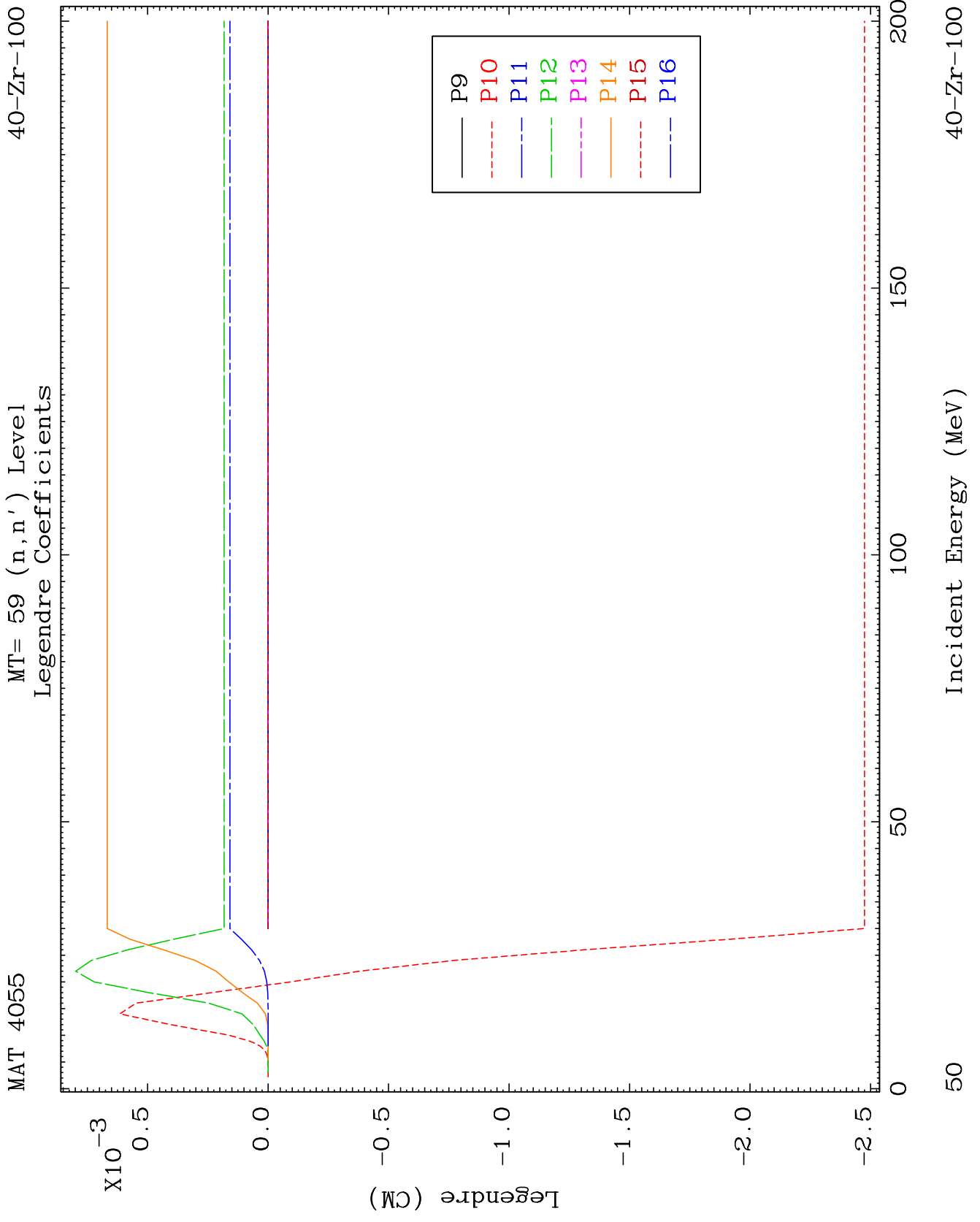


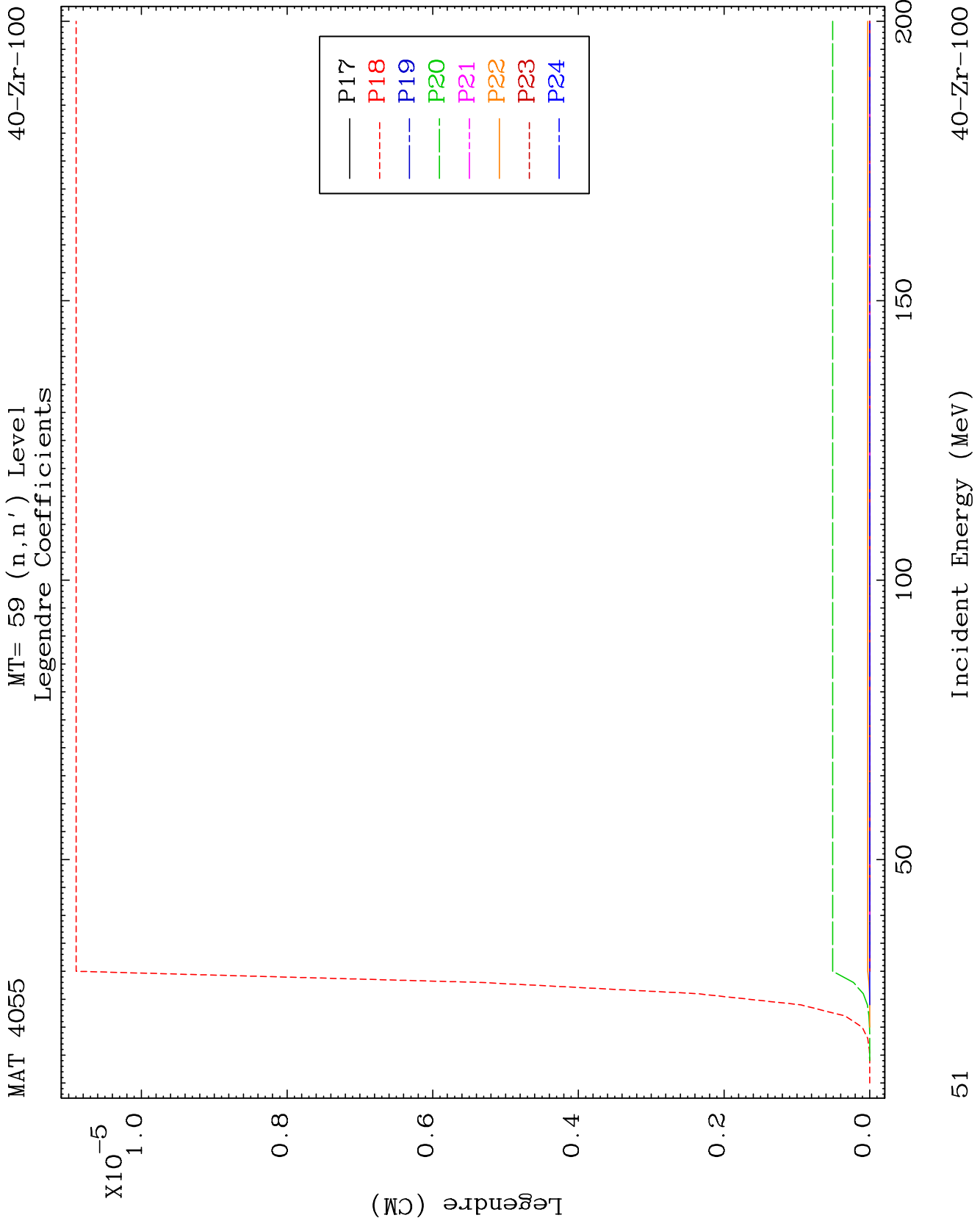


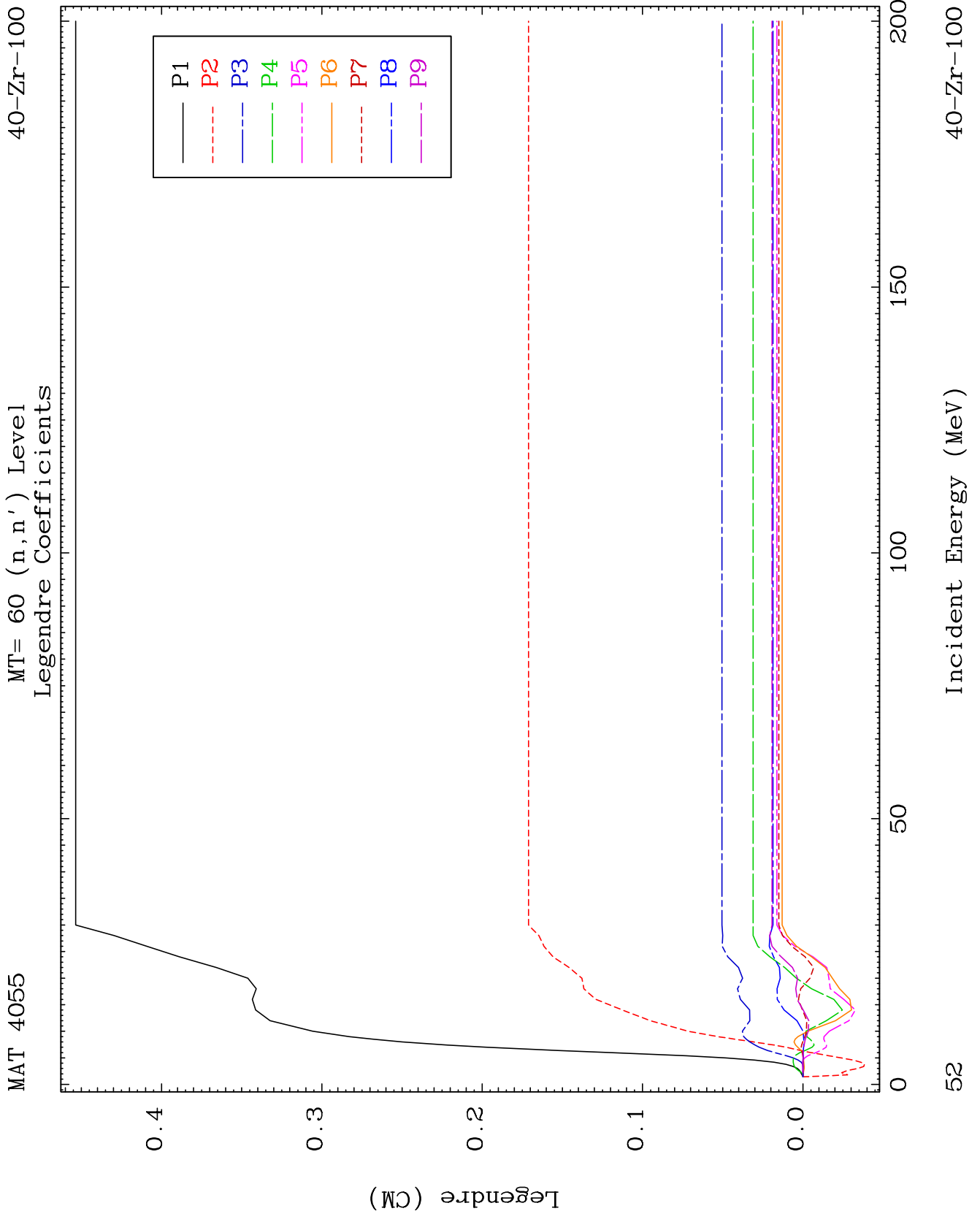


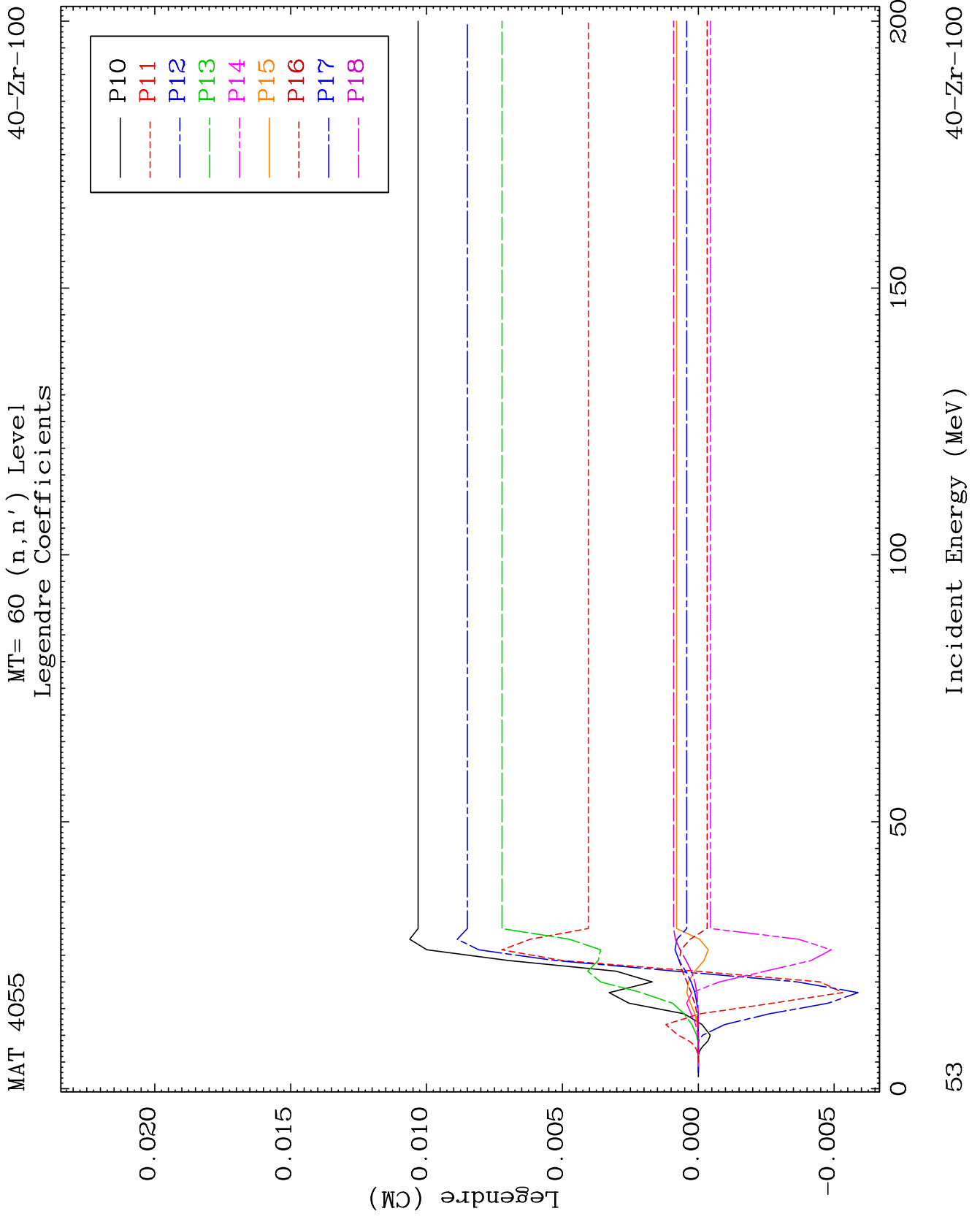


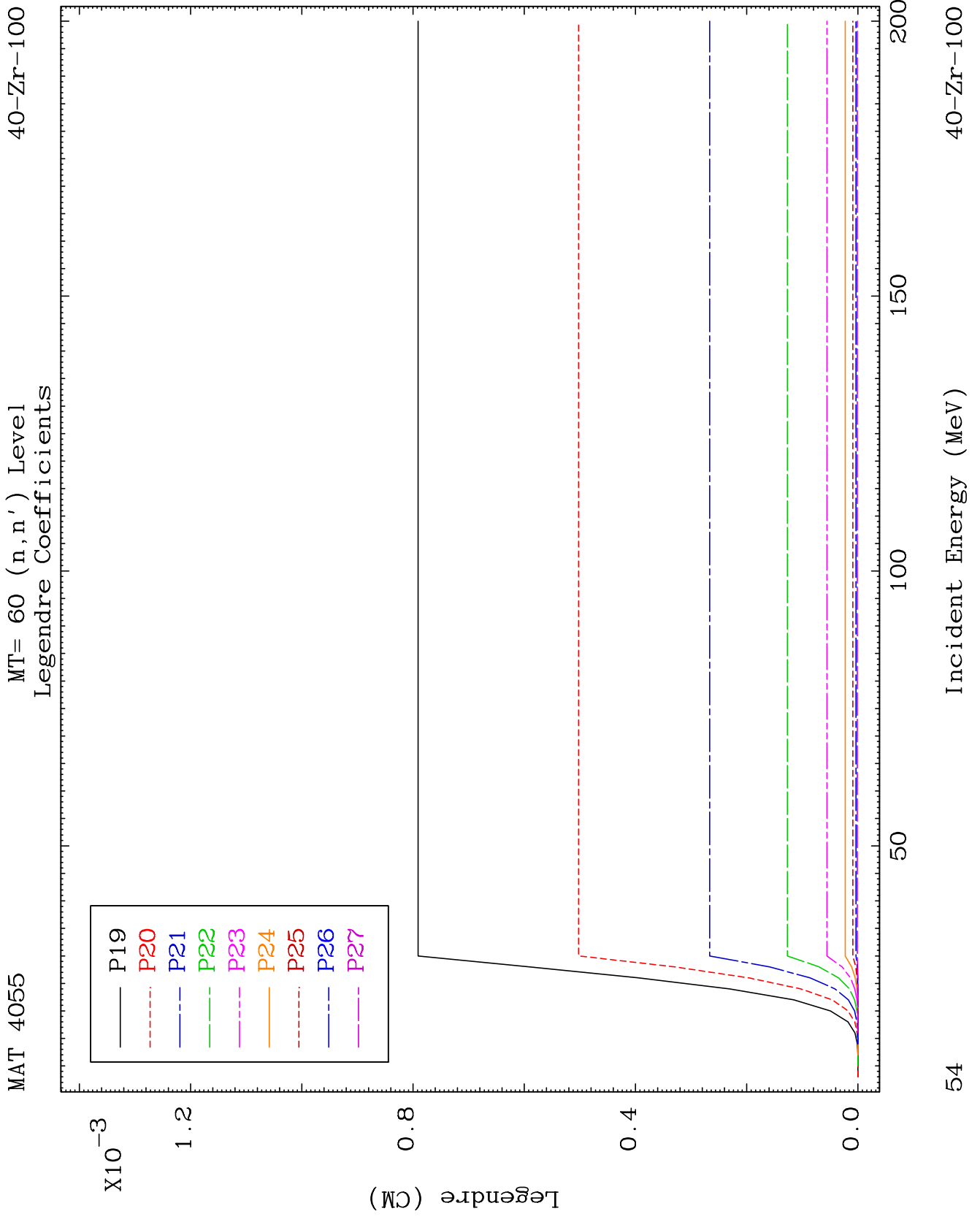


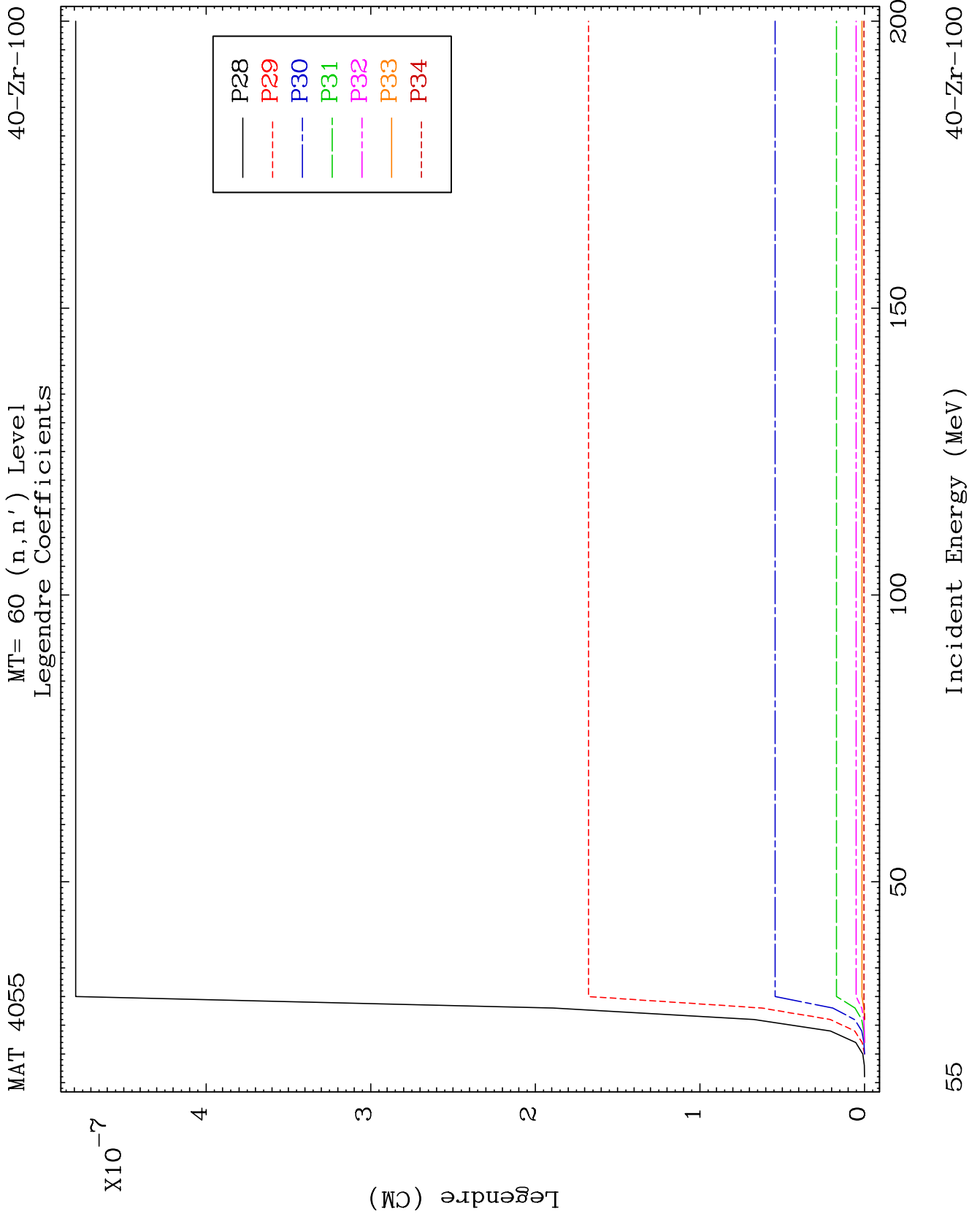


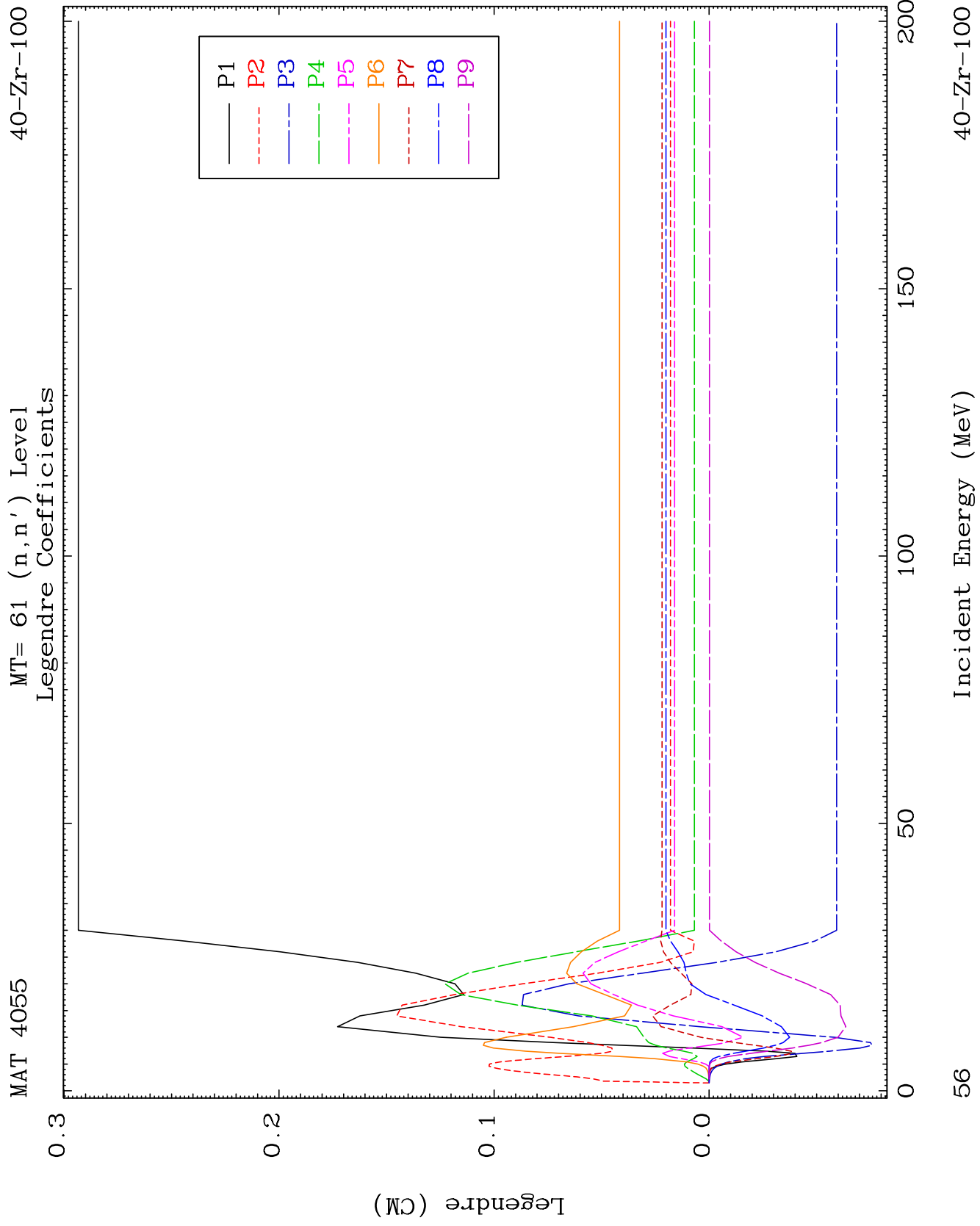








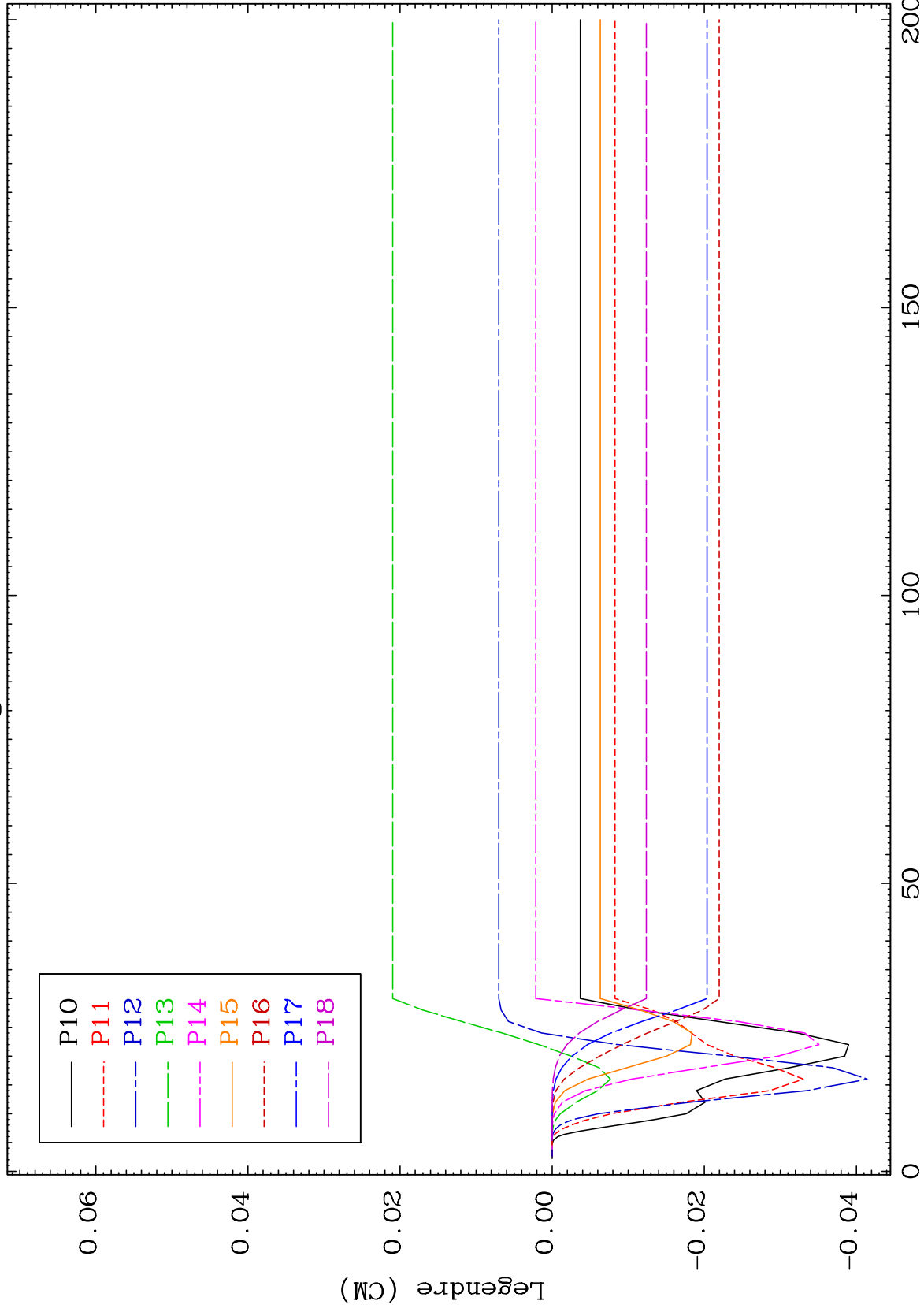




MAT 4055

MT= 61 (n,n') Level
Legendre Coefficients

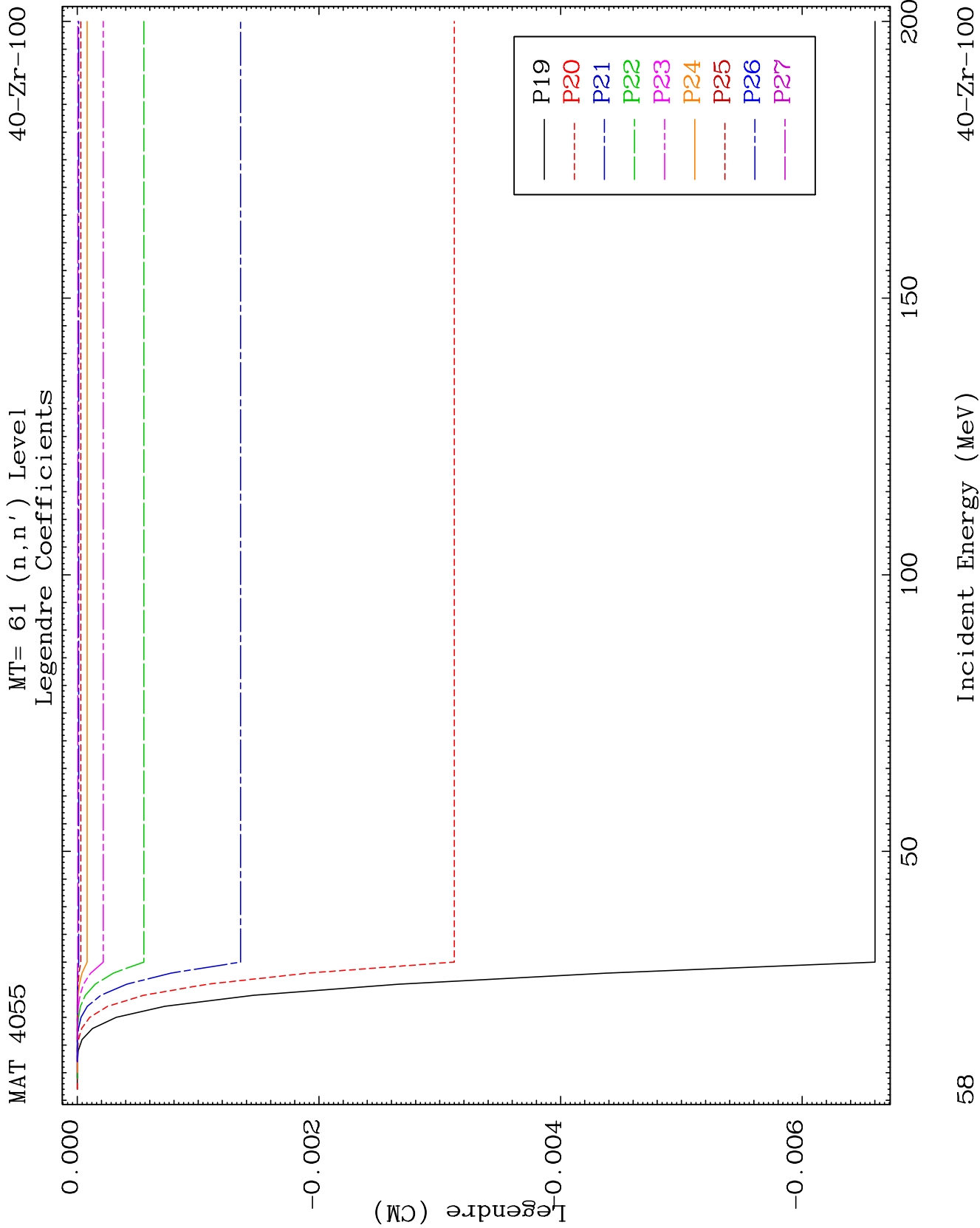
40-Zr-100

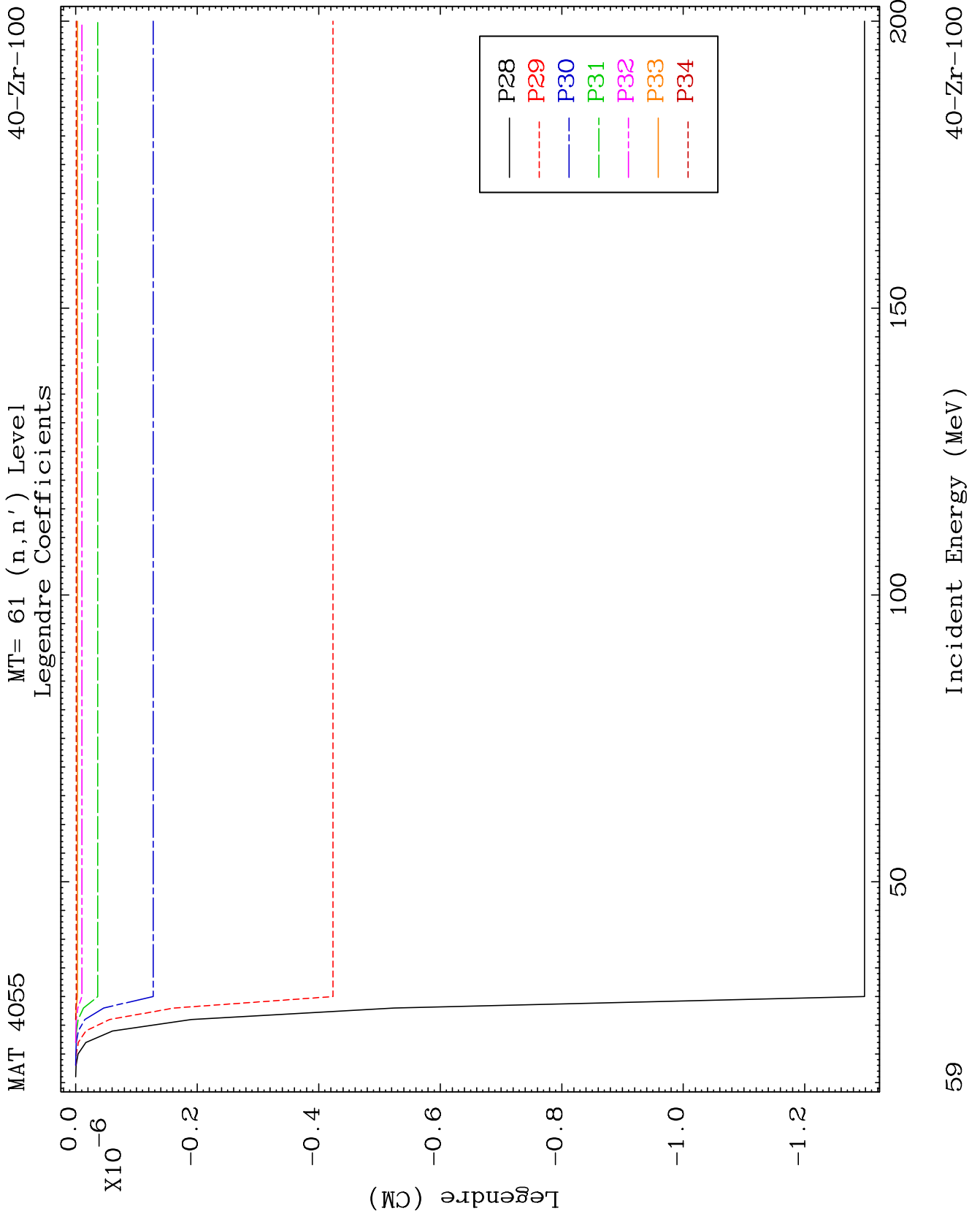


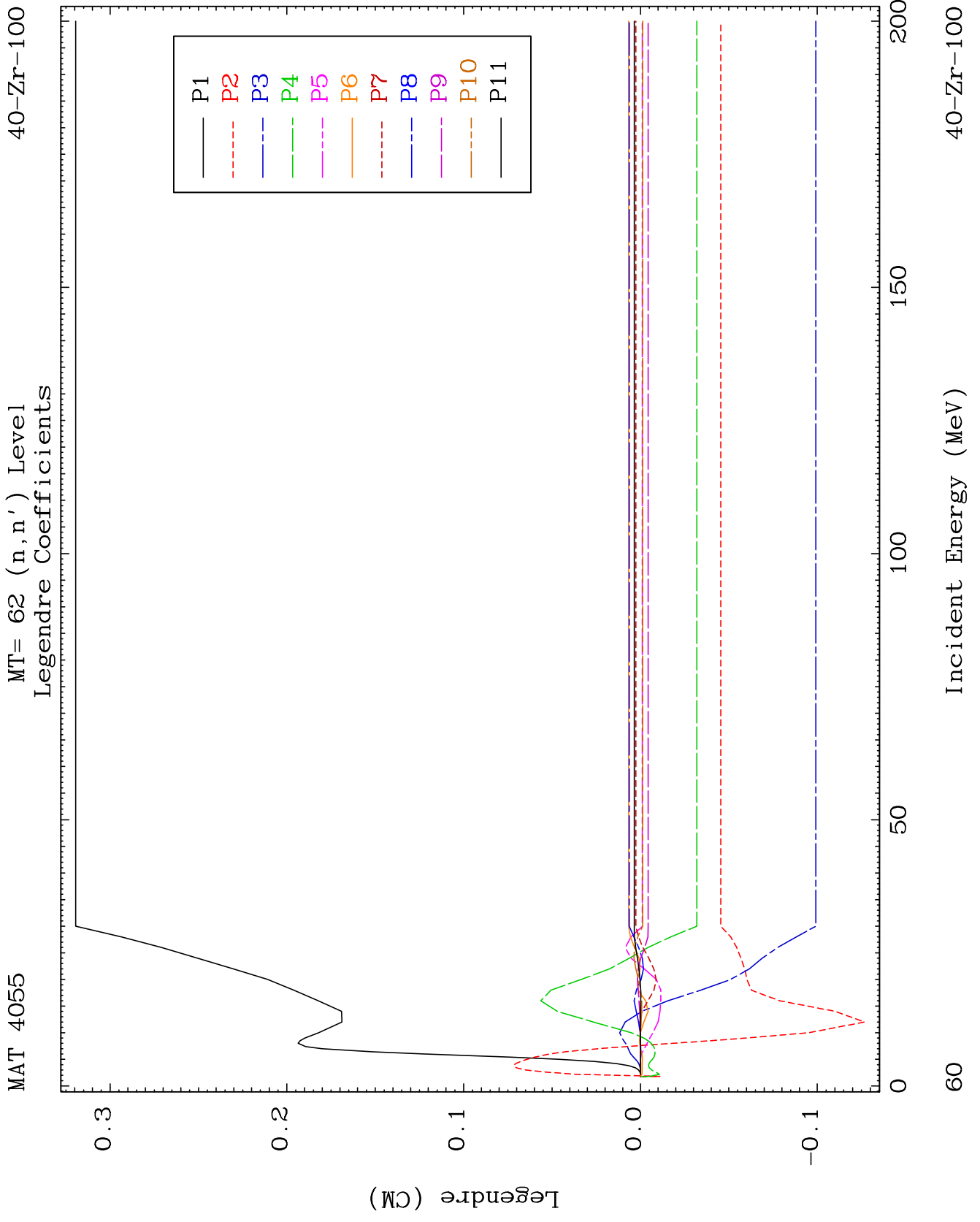
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Incident Energy (MeV)

40-Zr-100



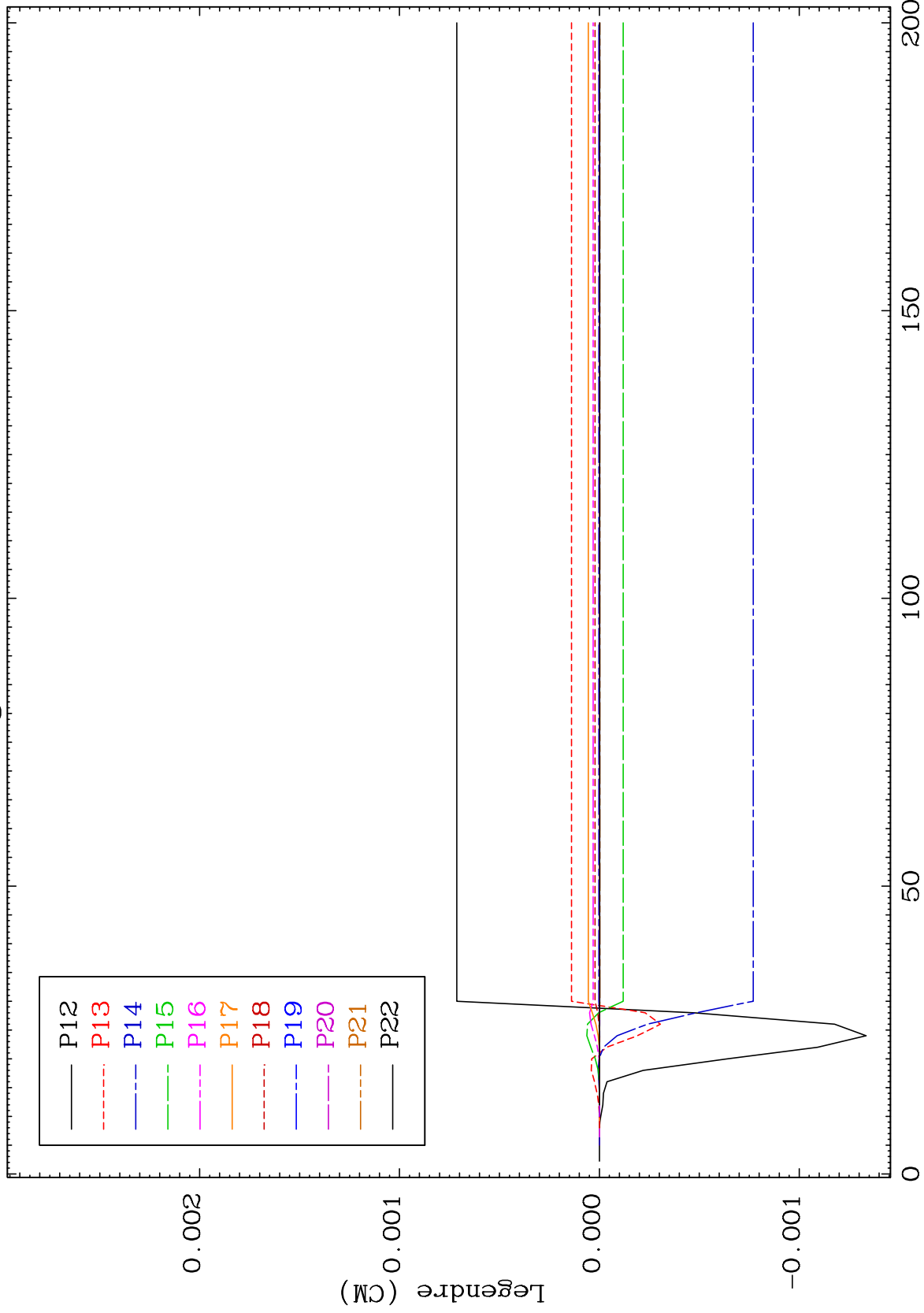




MAT 4055

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

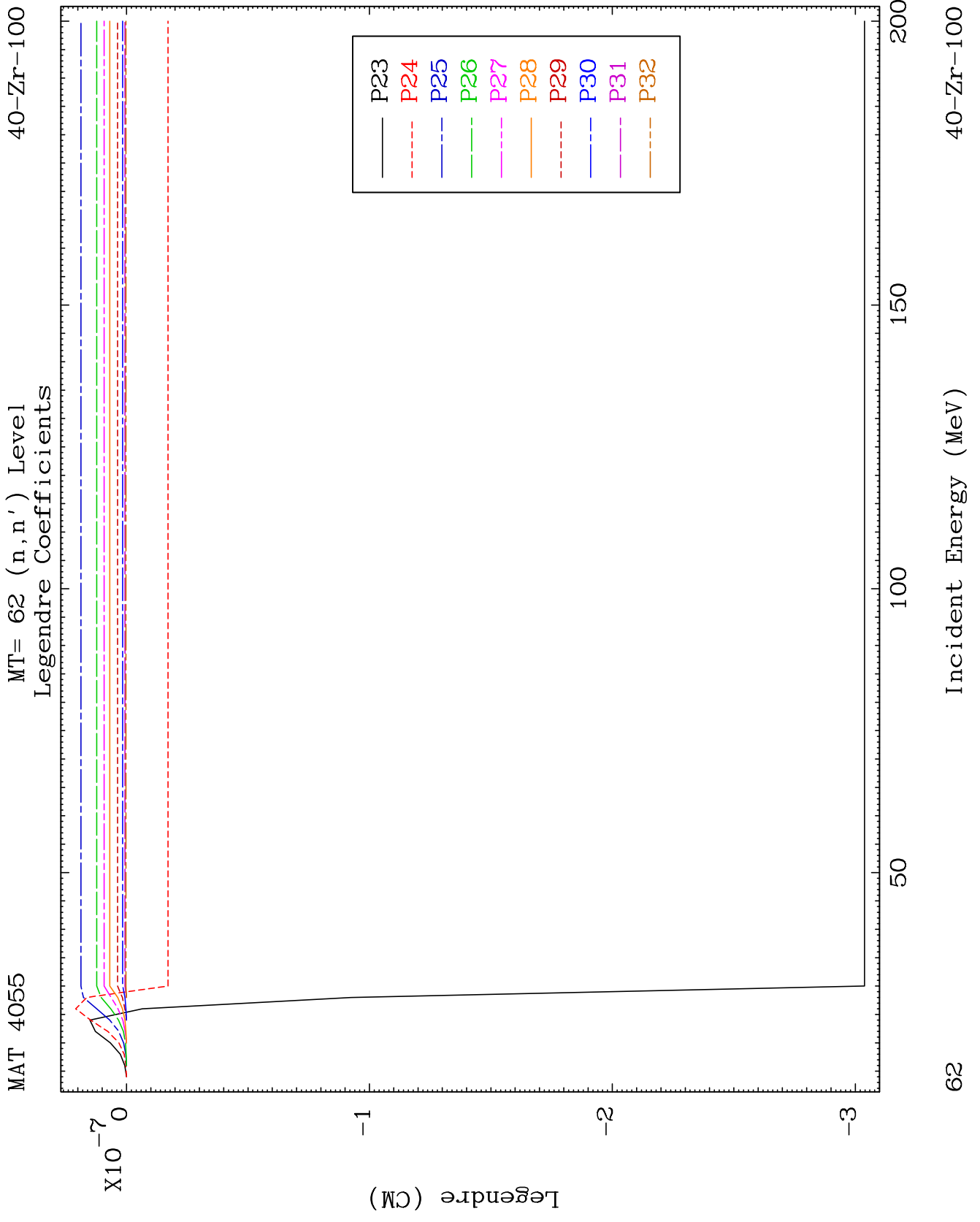
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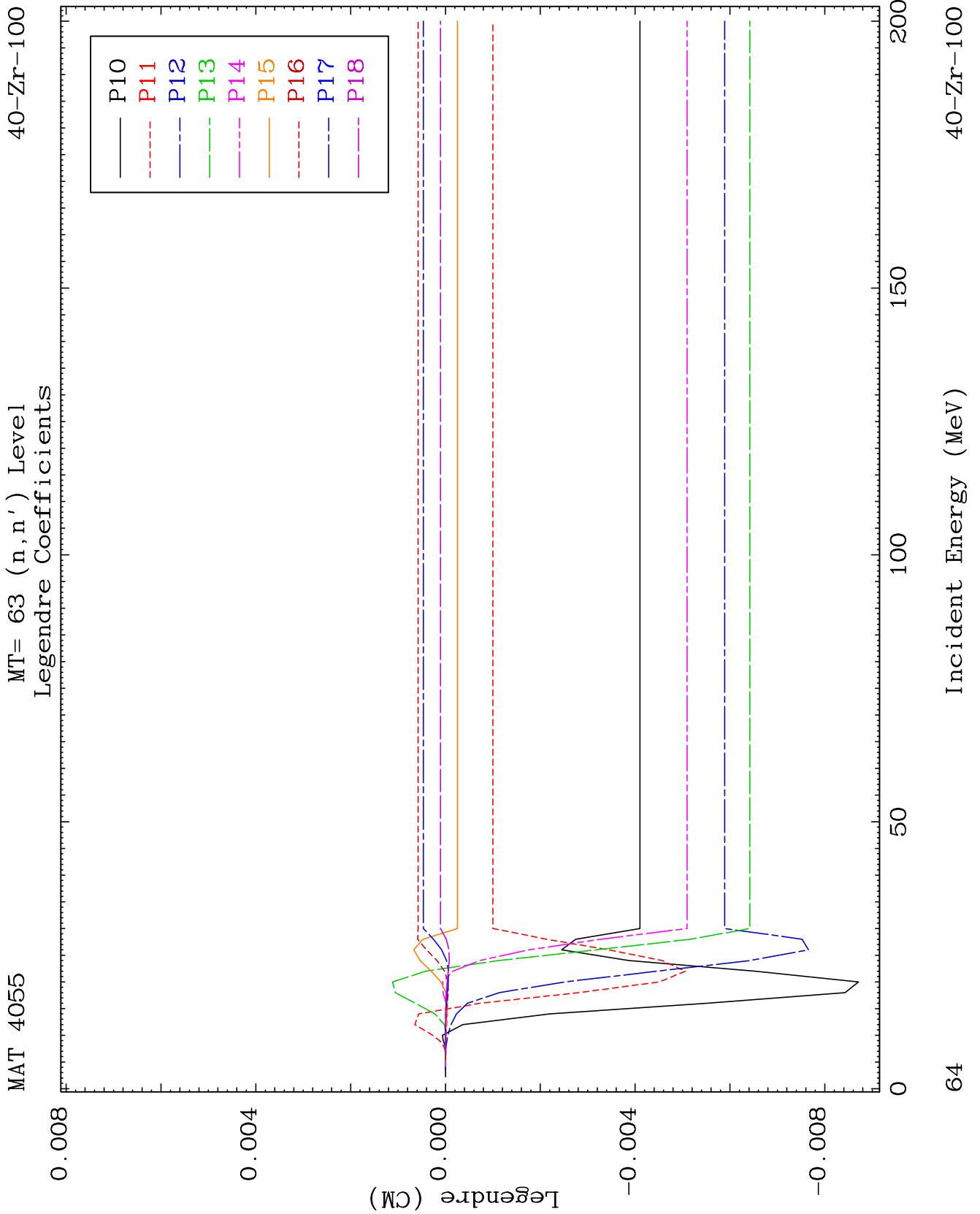


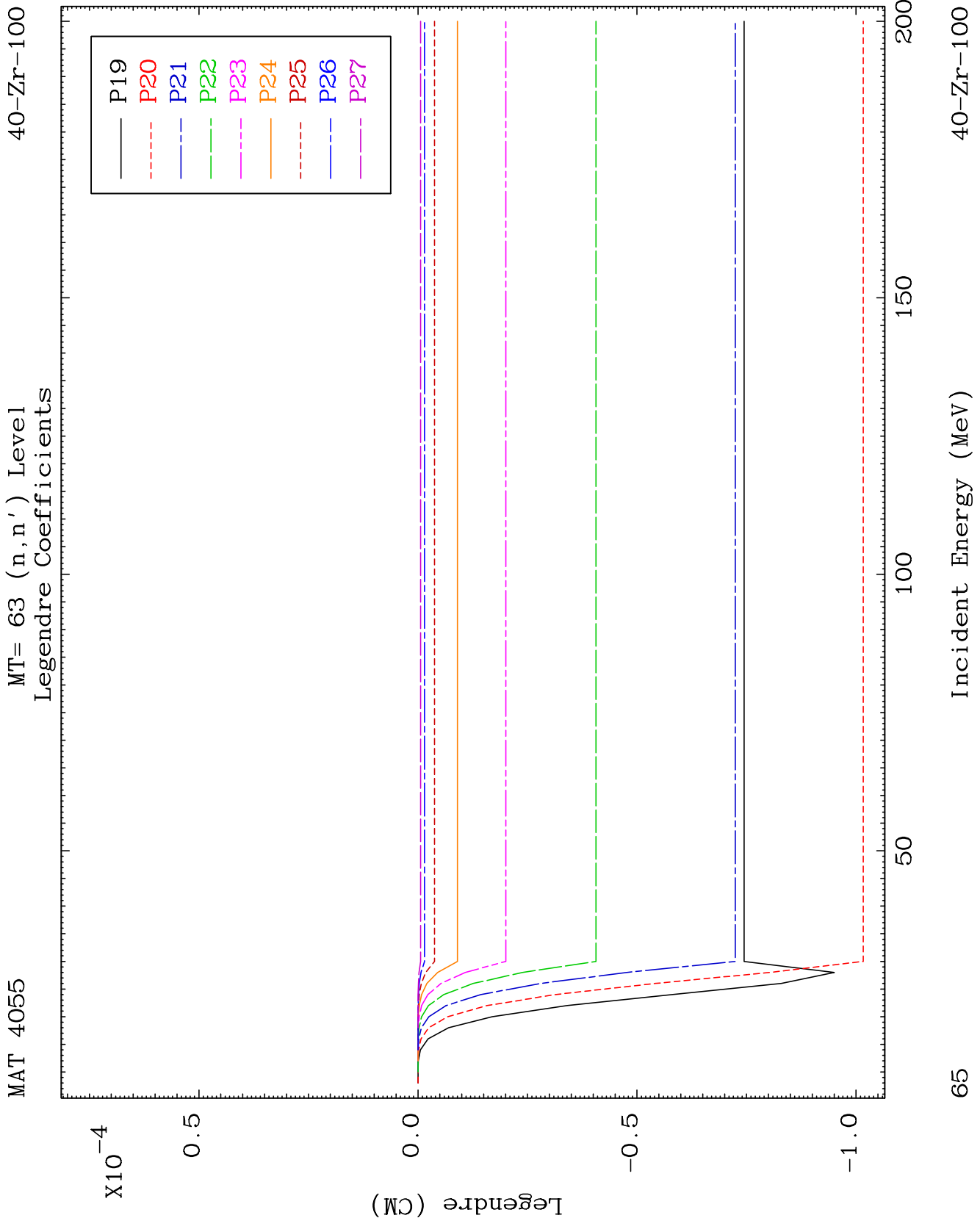
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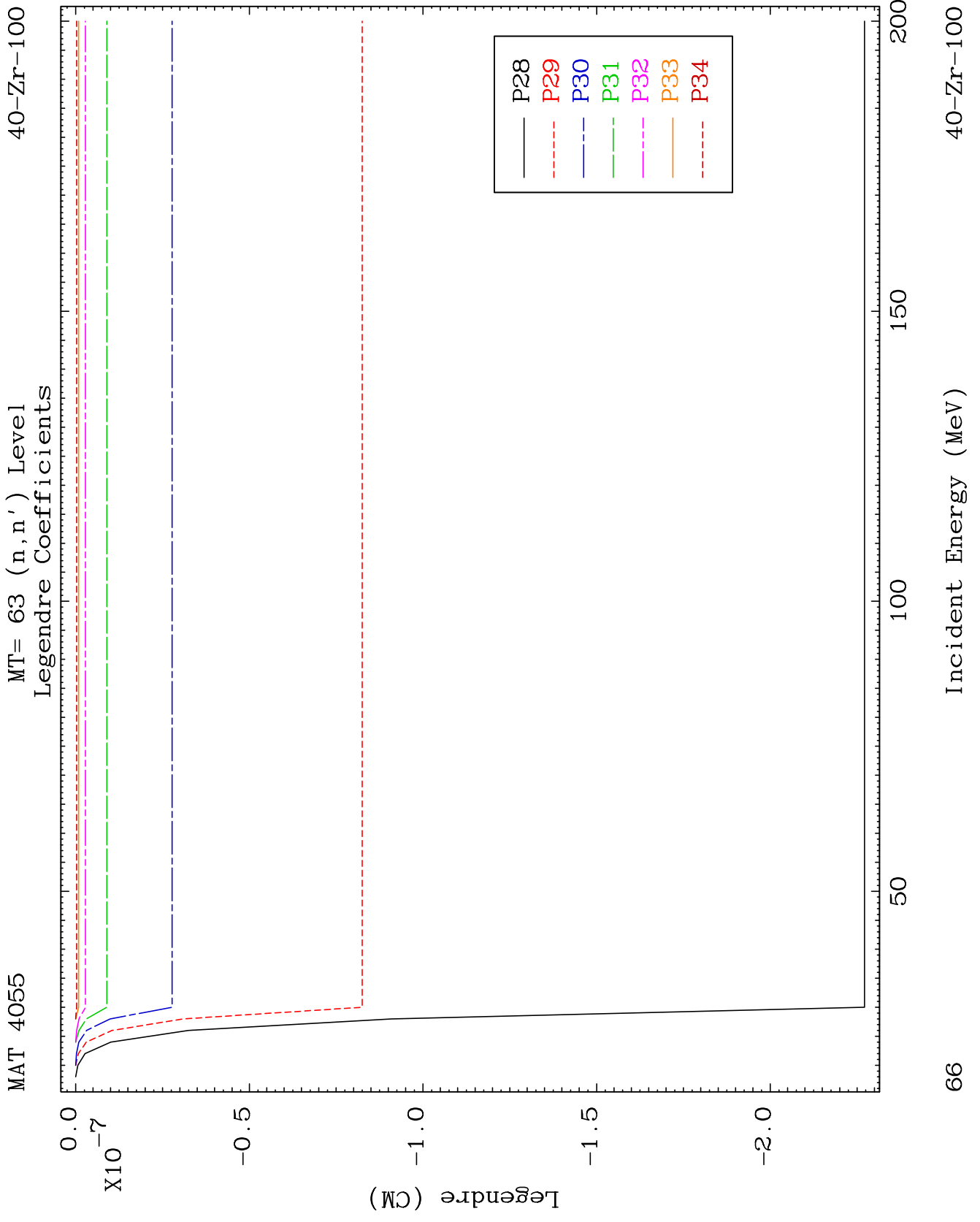
Incident Energy (MeV)

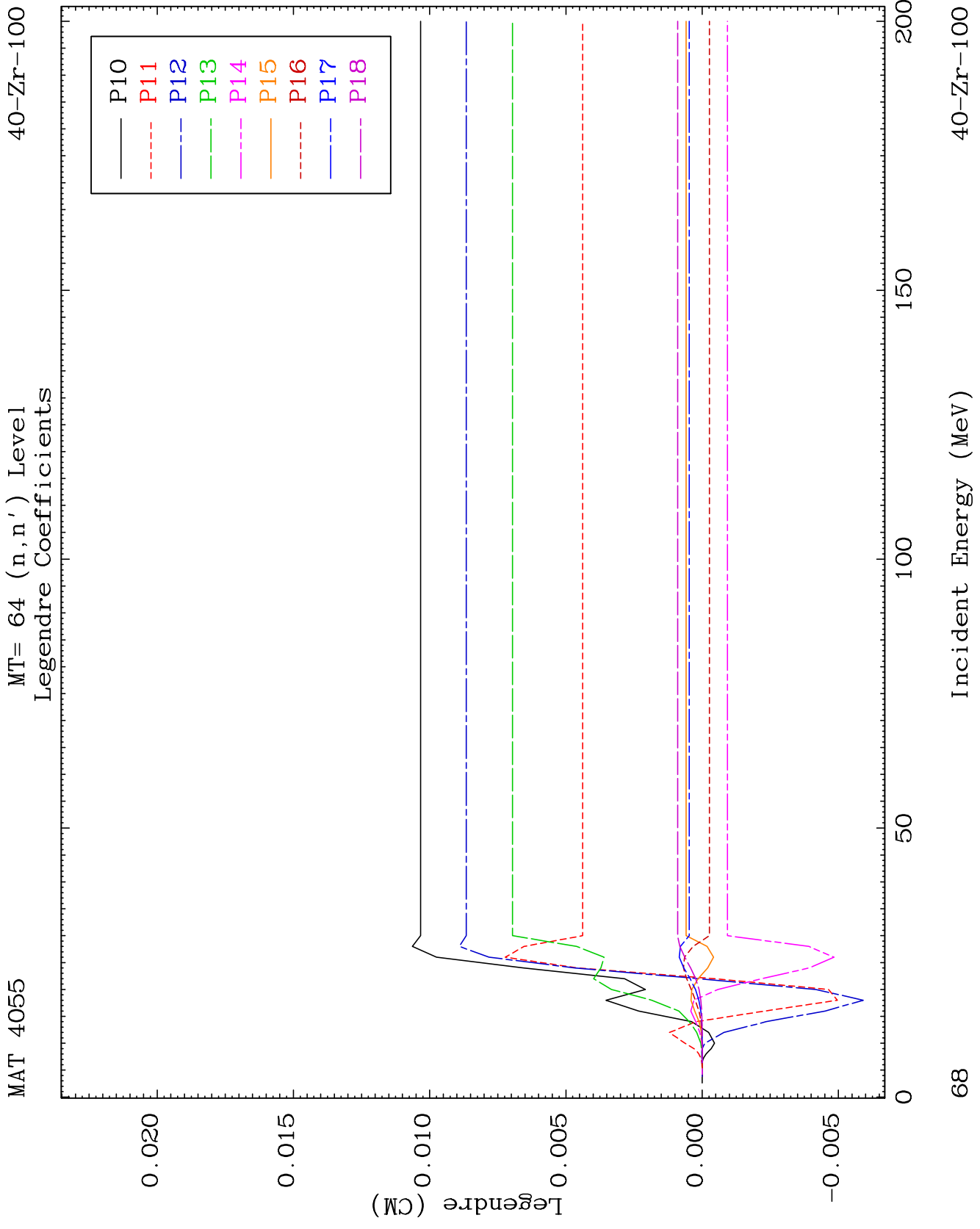
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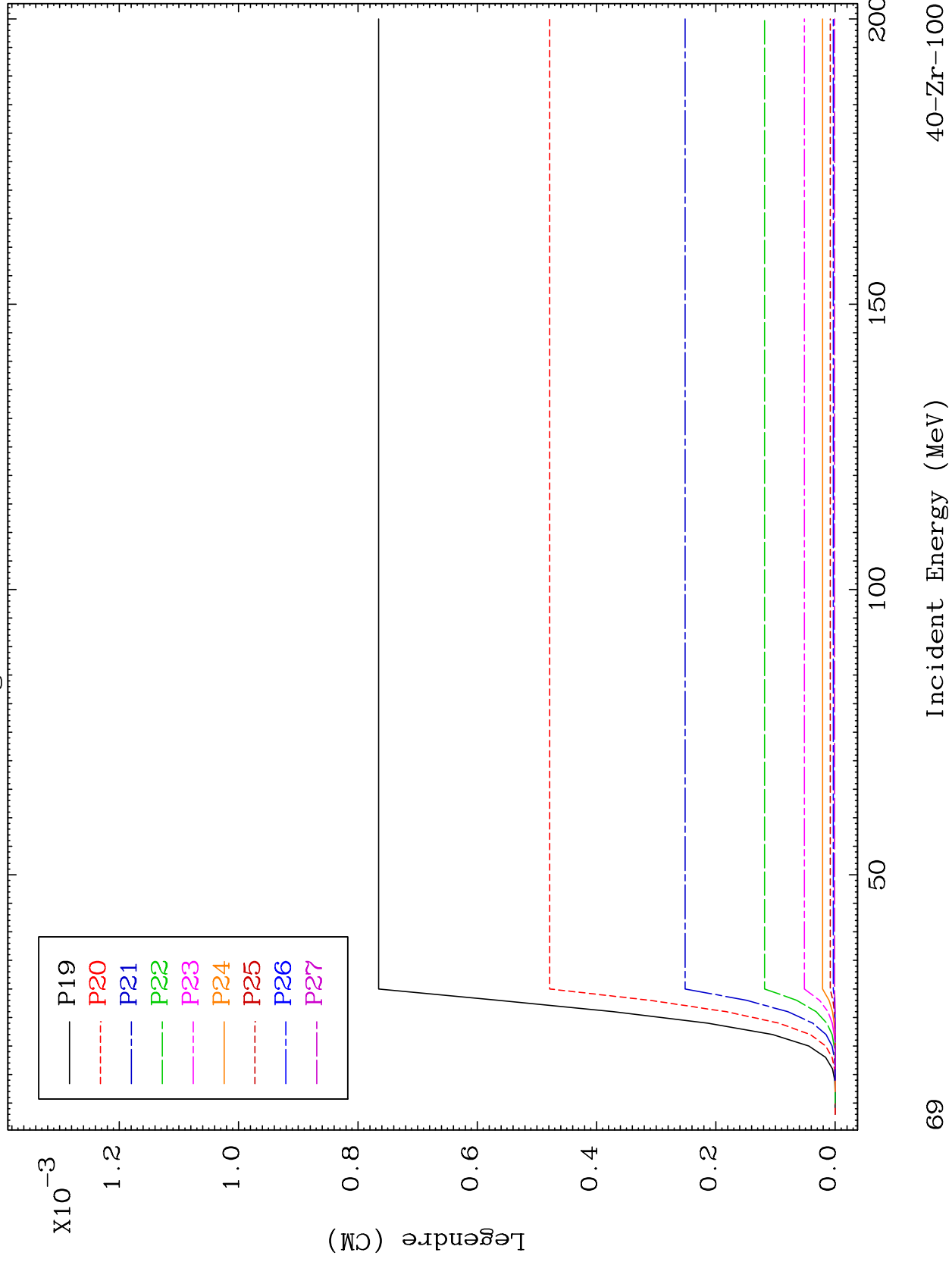


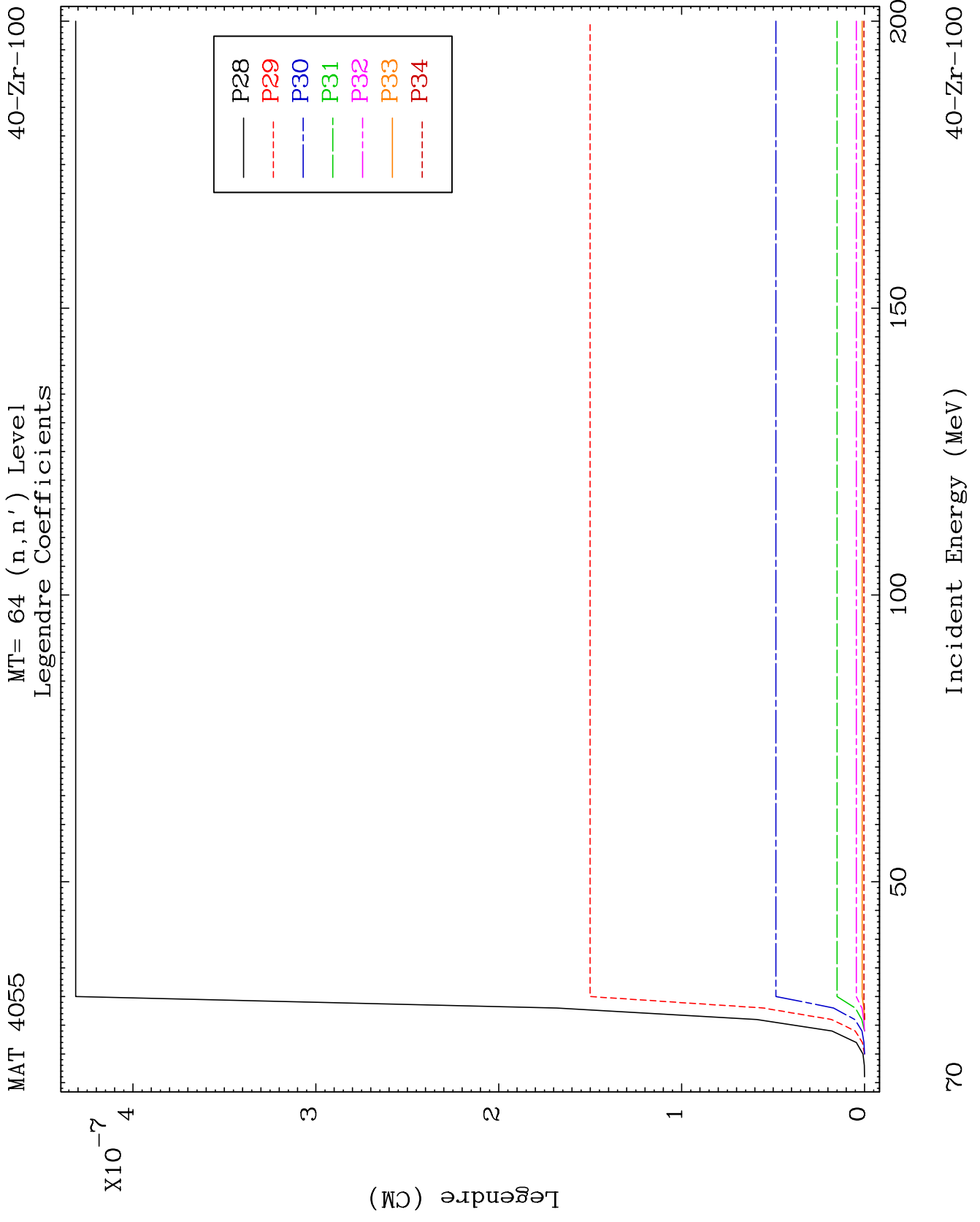


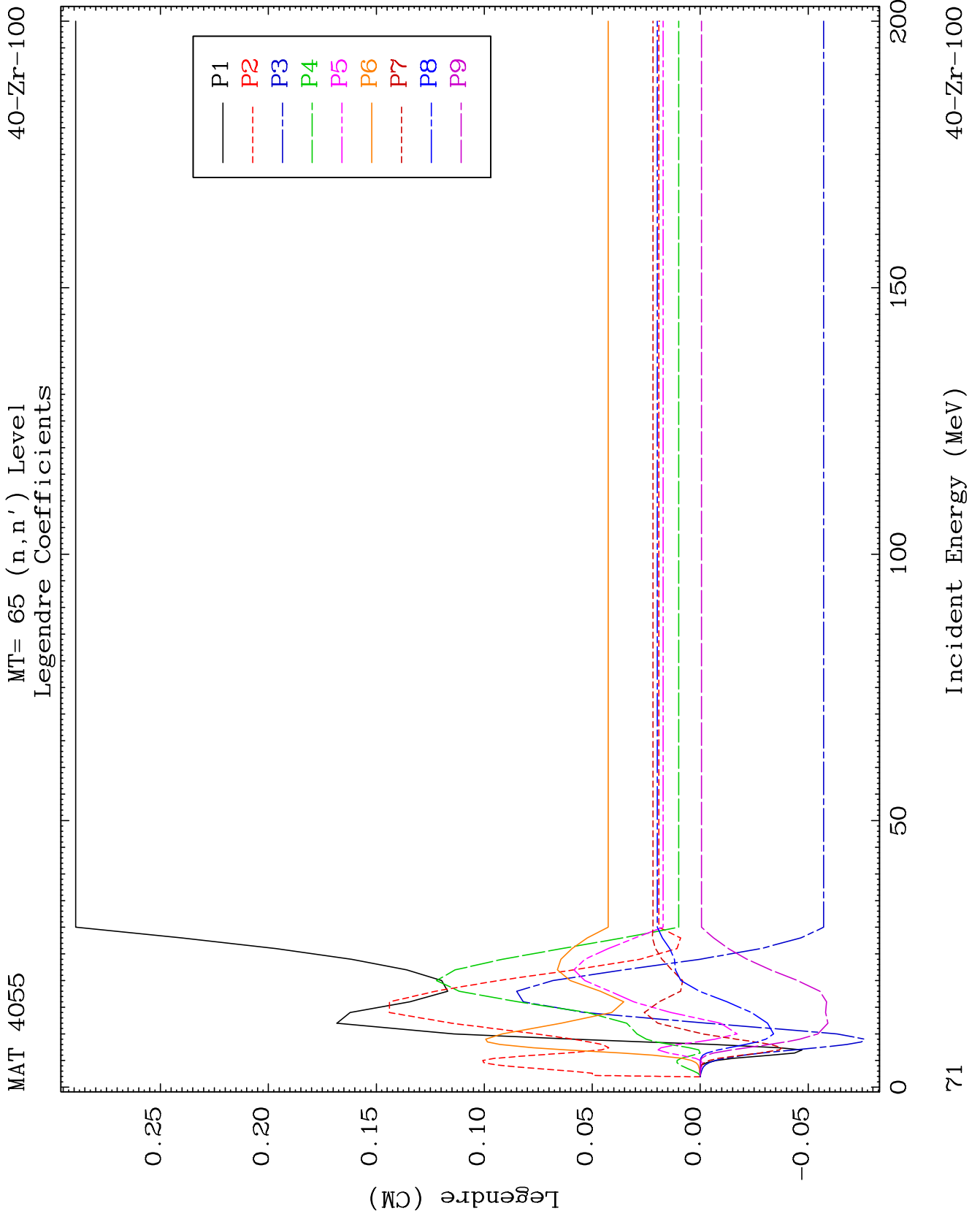
MAT 4055

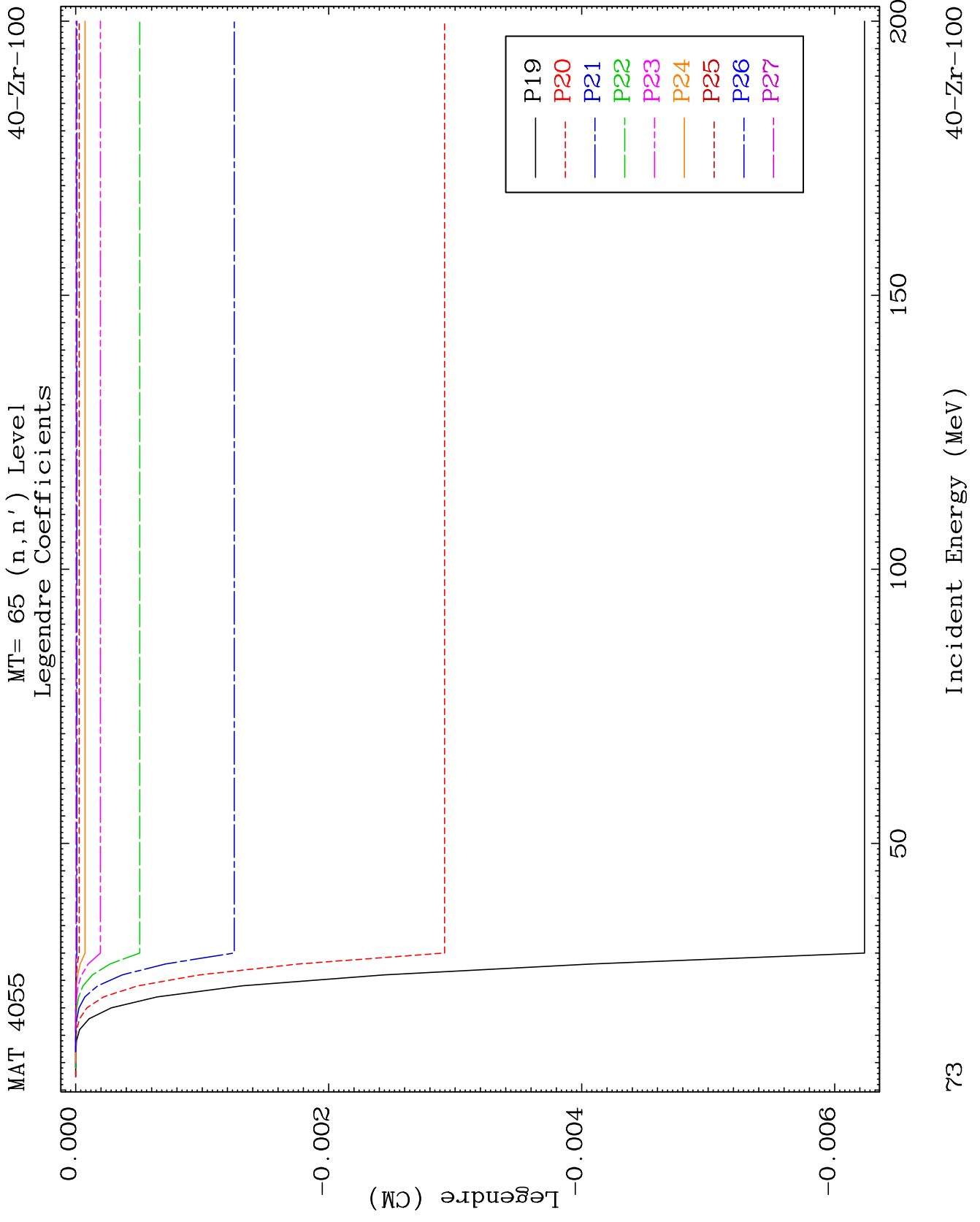
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Legendre Coefficients

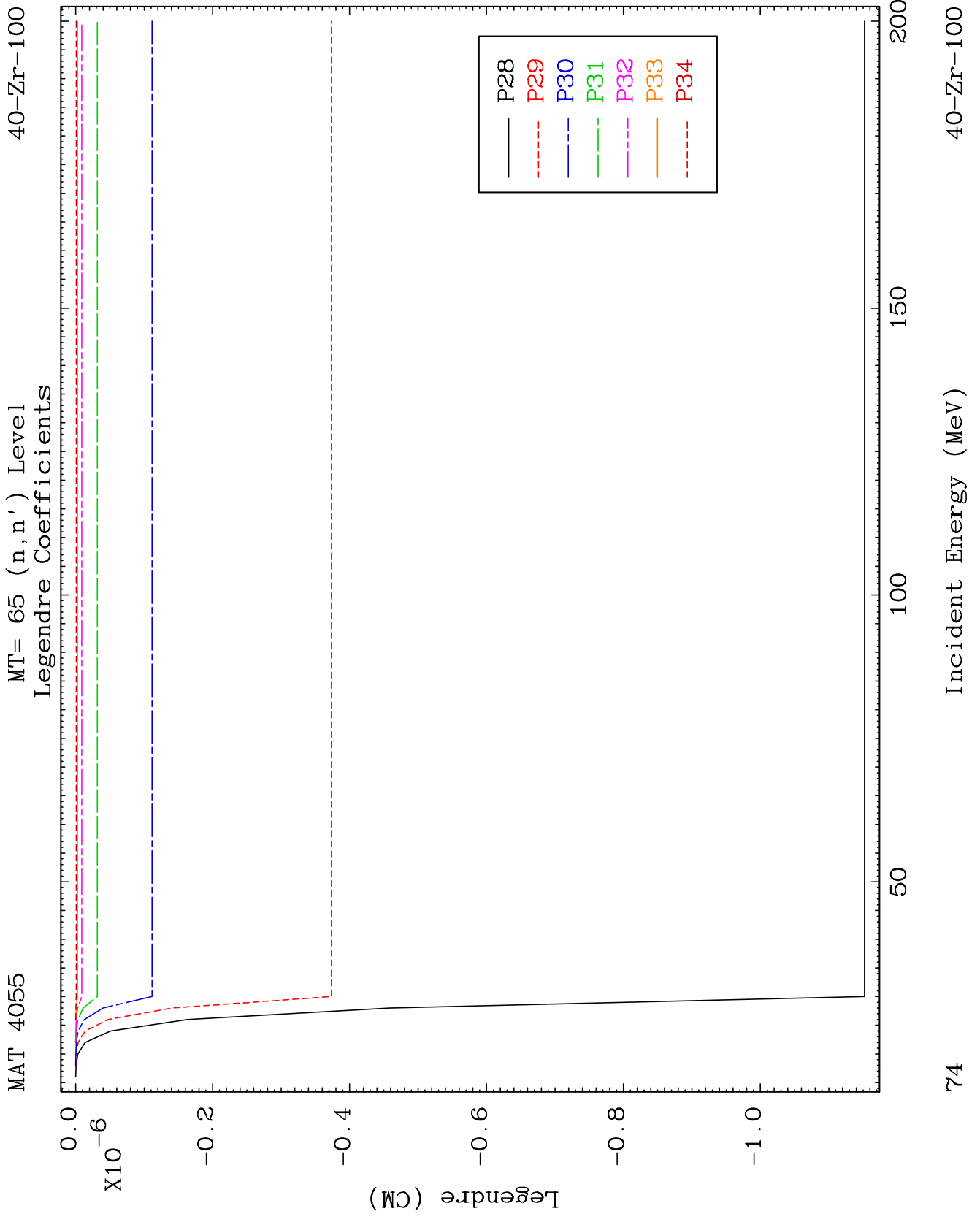
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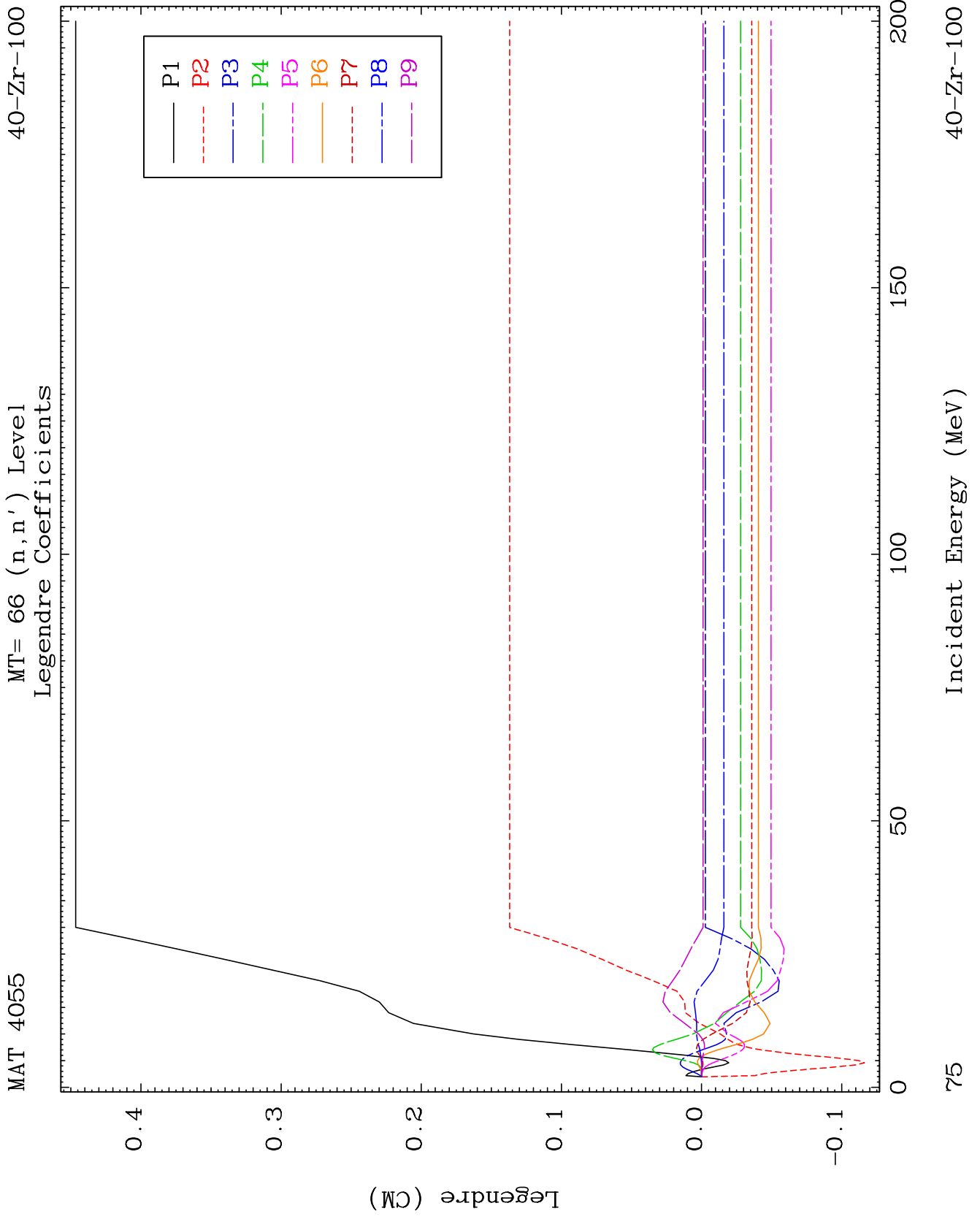


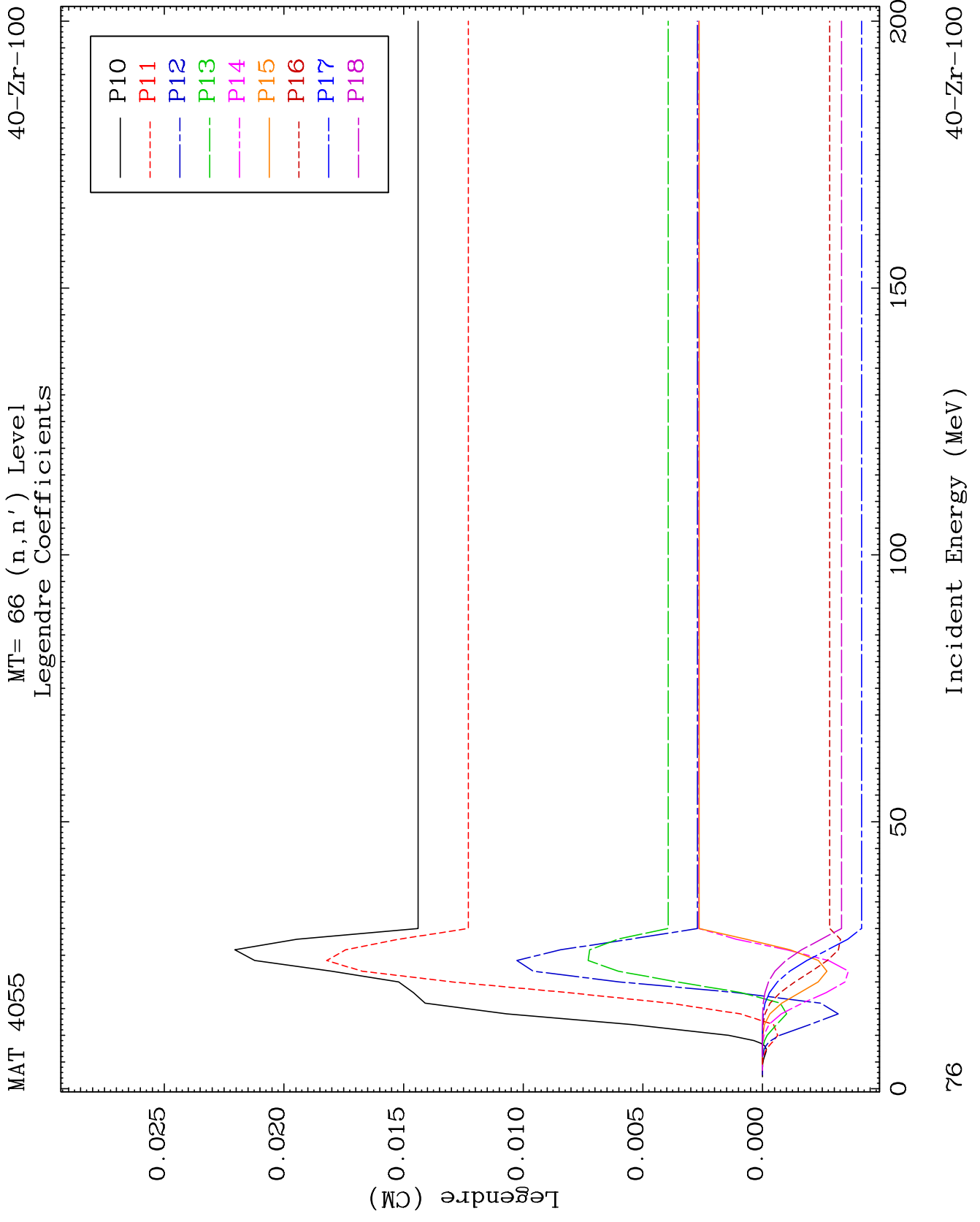


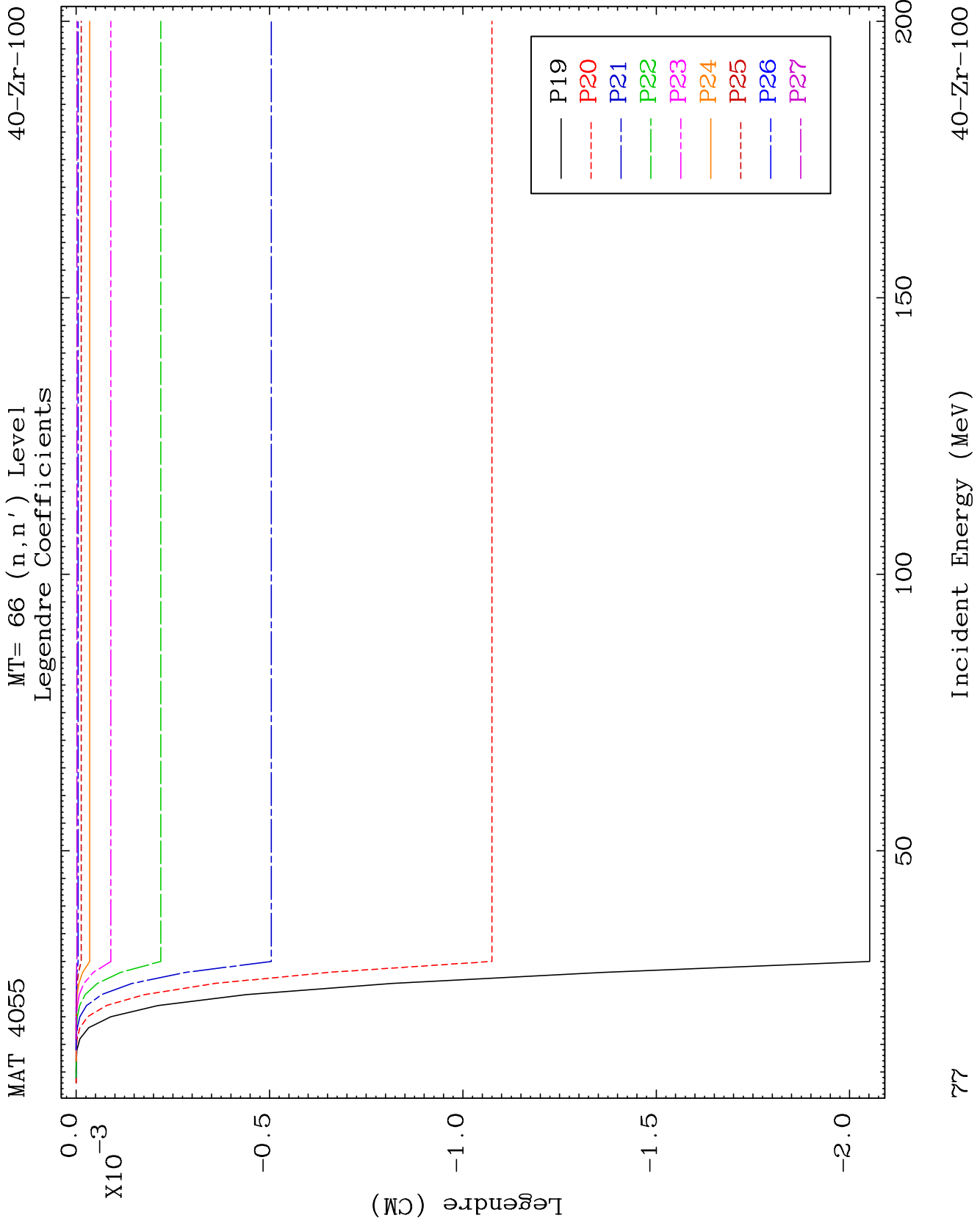


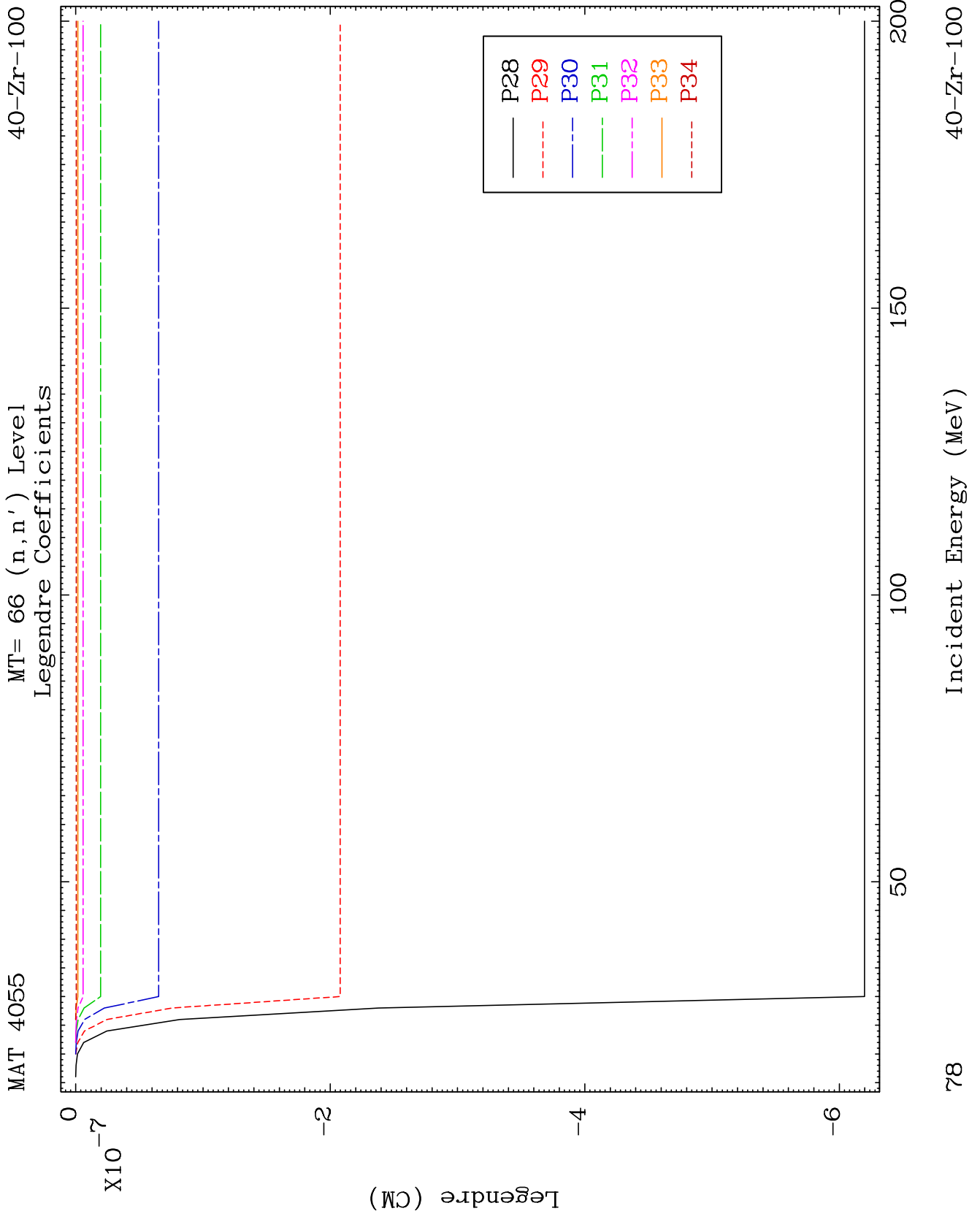








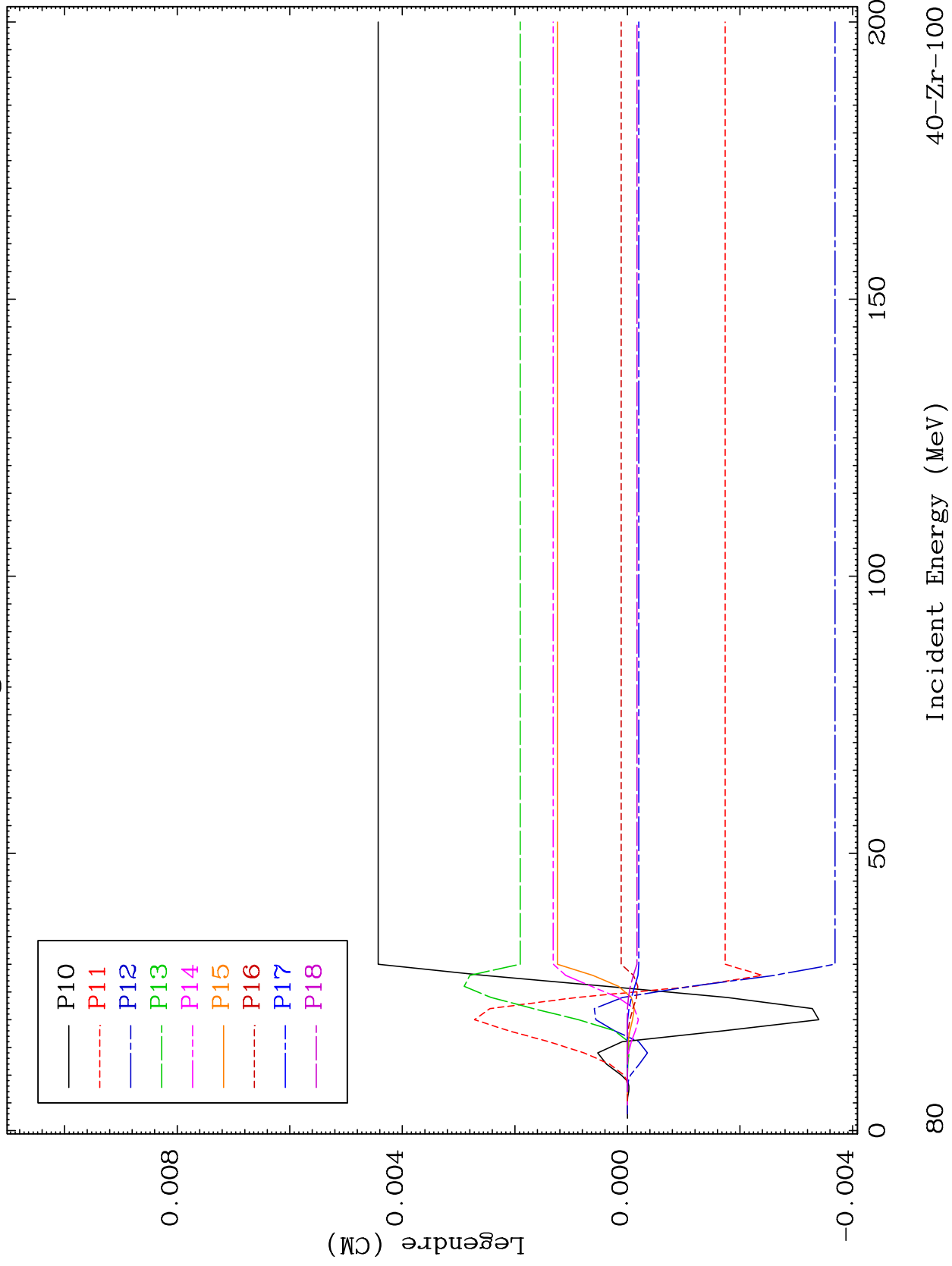


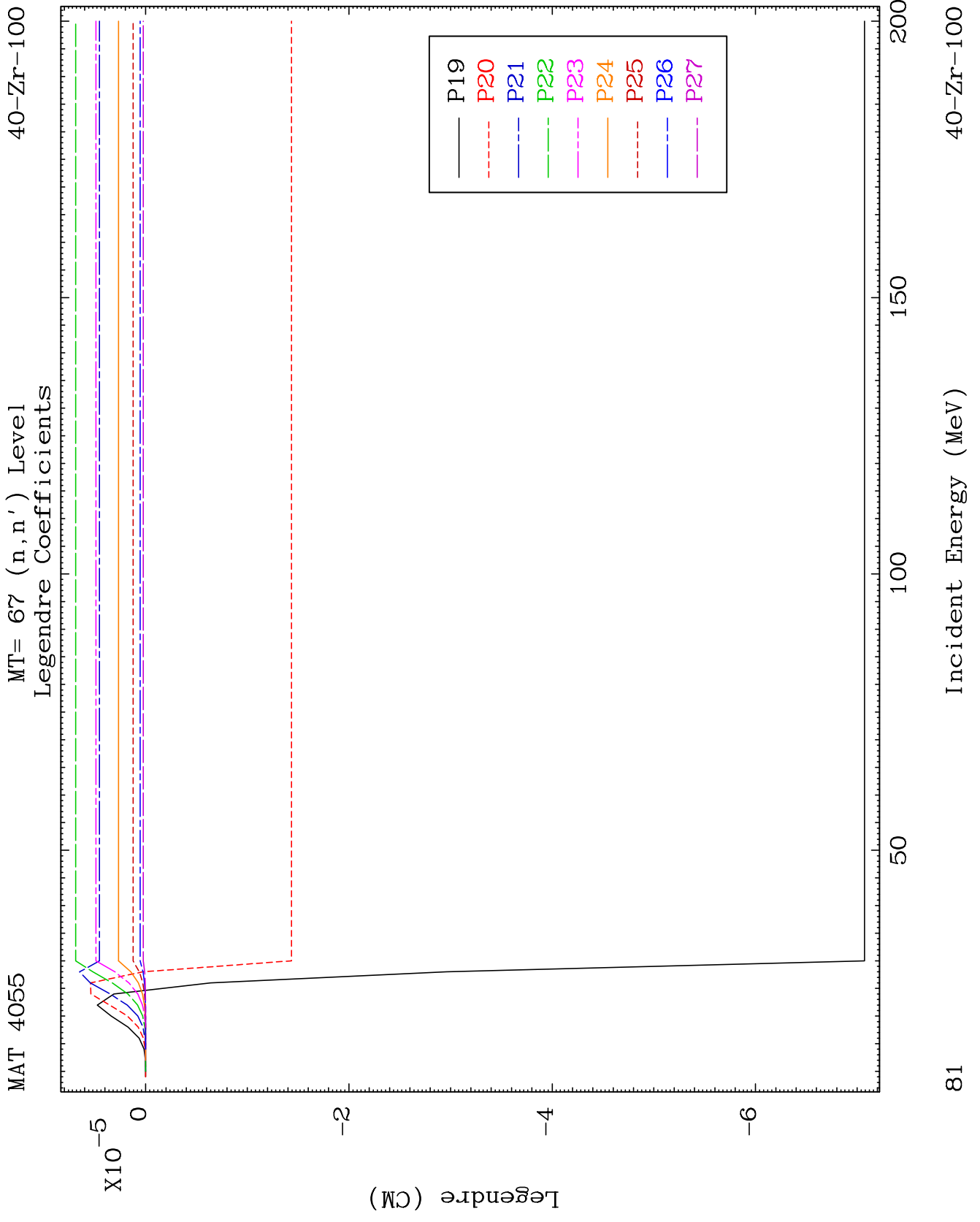


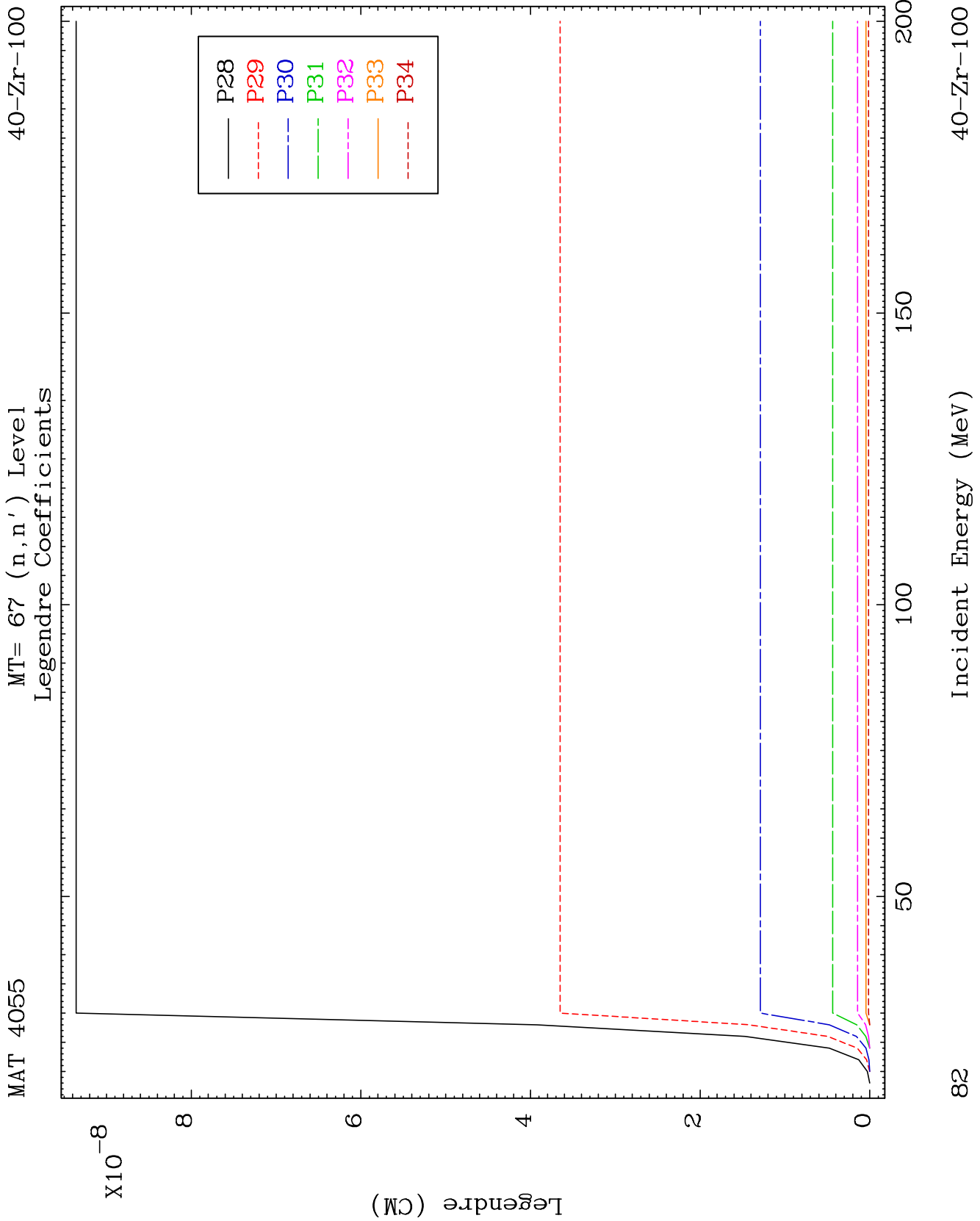
MAT 4055

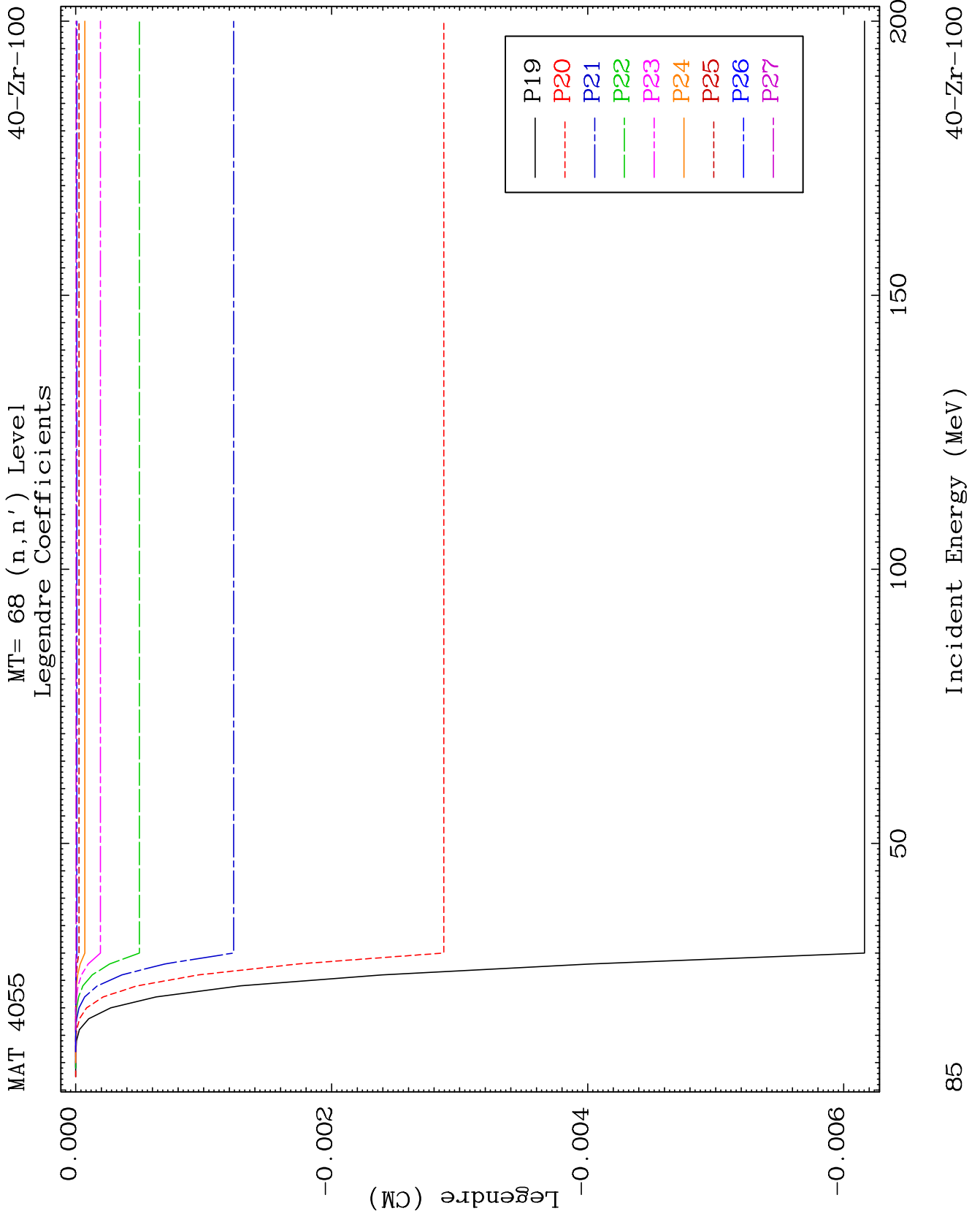
MT= 67 (n,n') Level
Legendre Coefficients

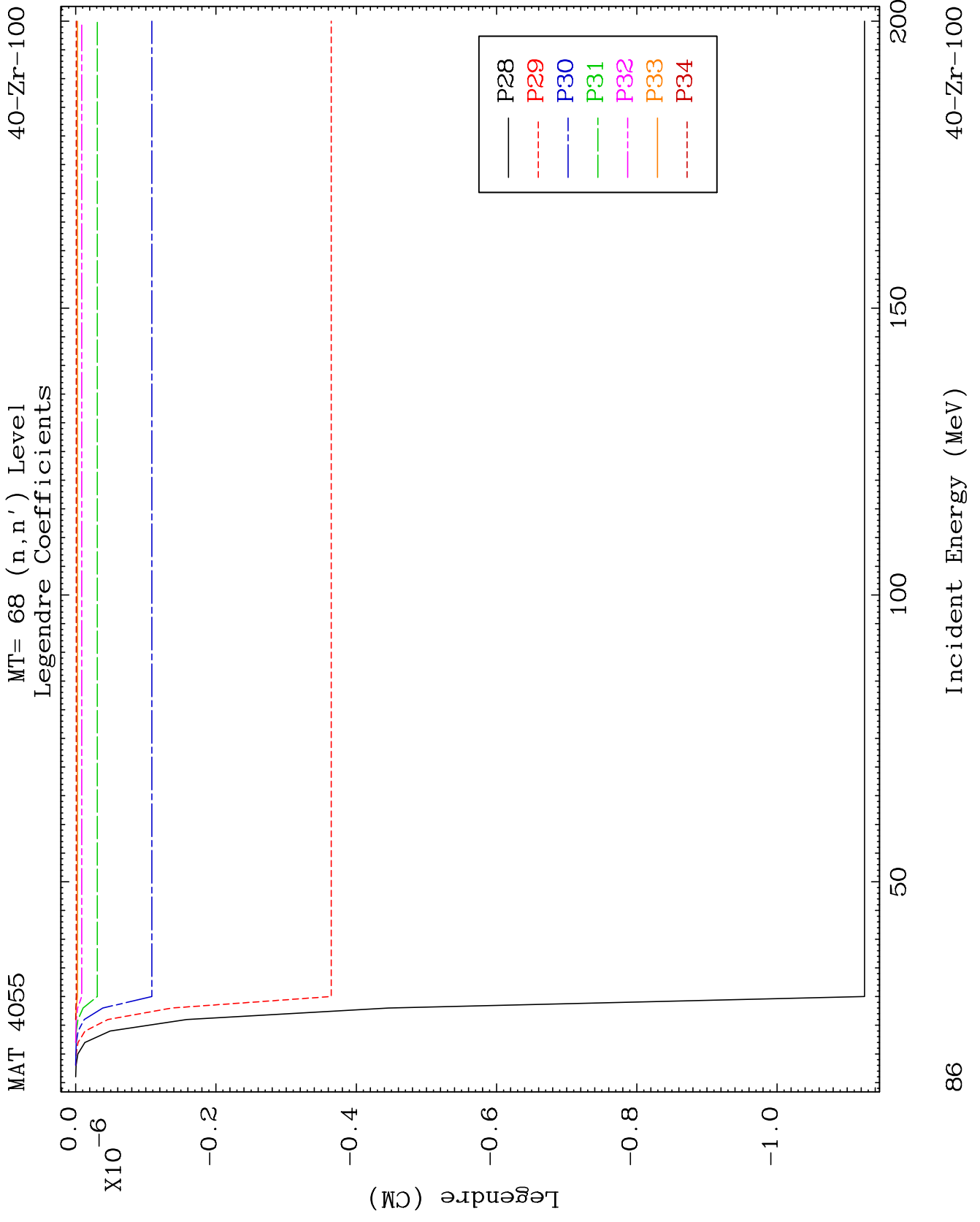
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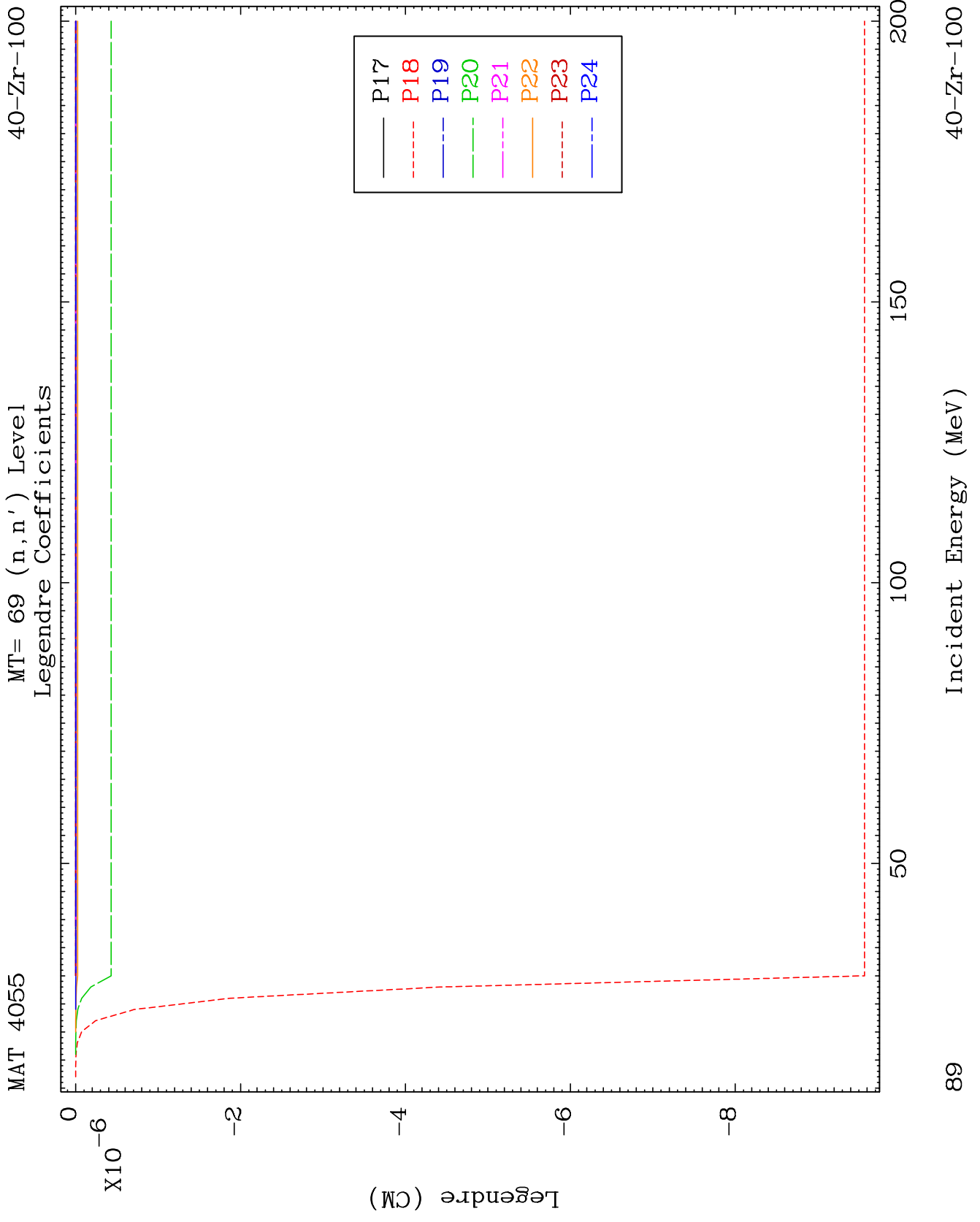


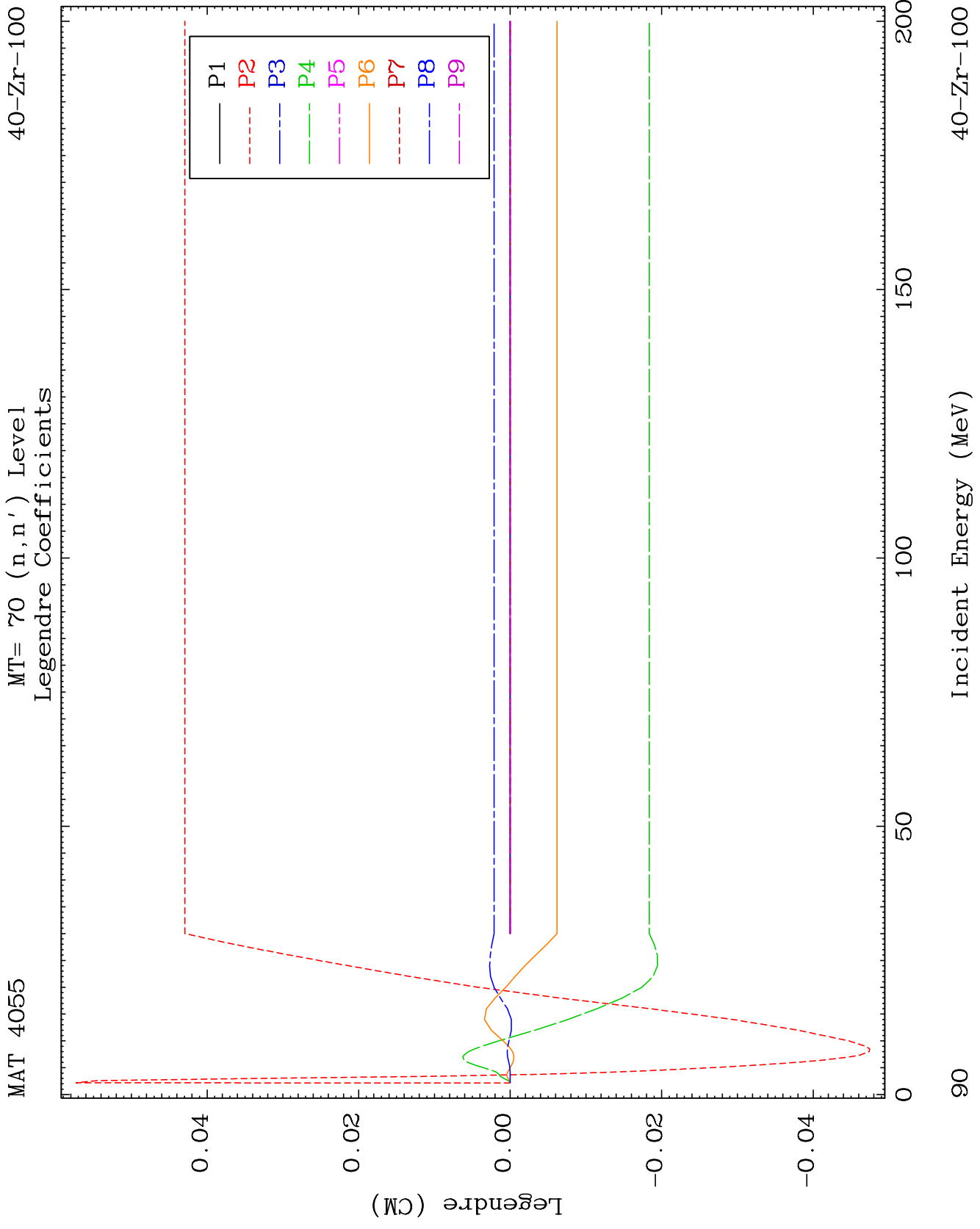


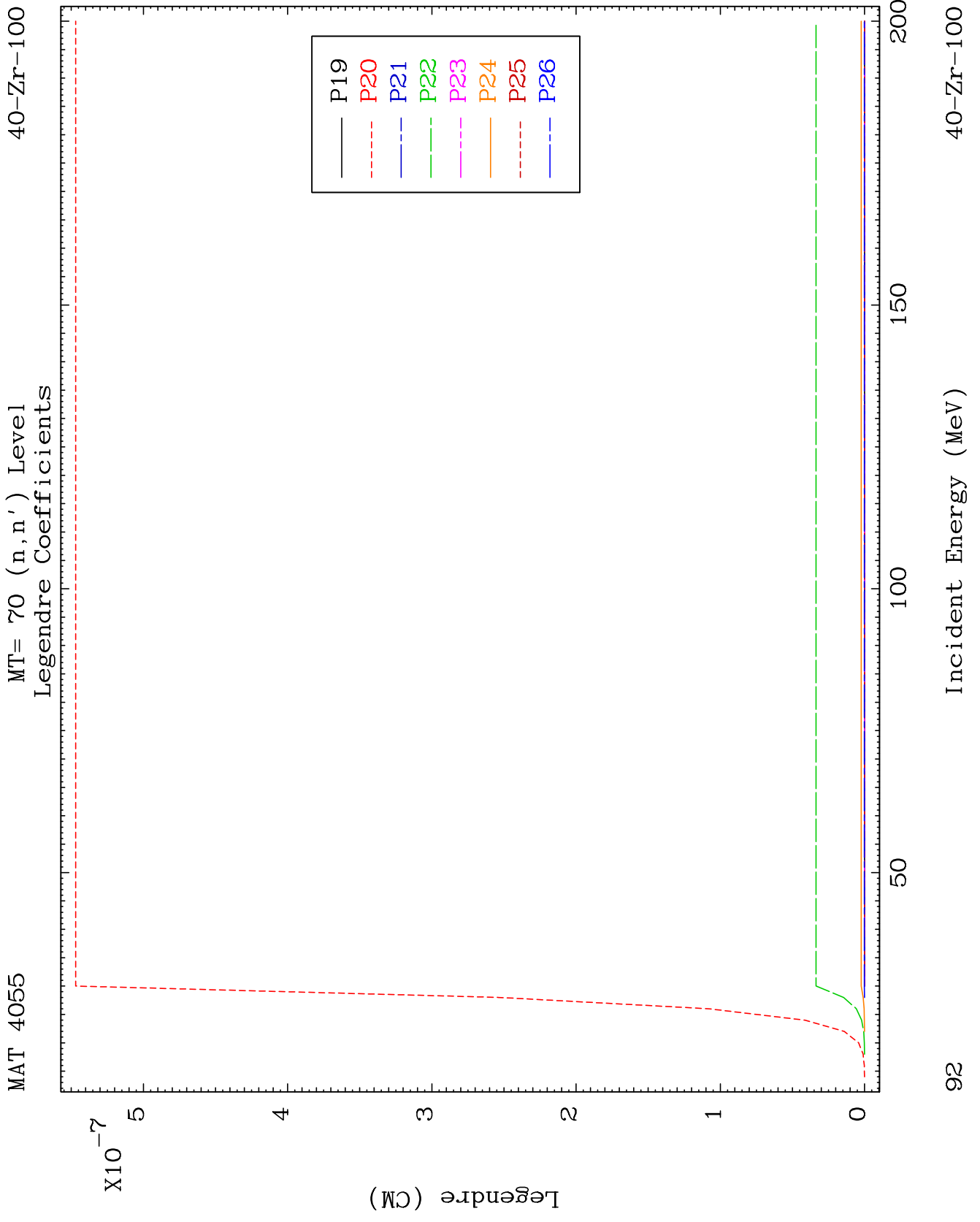


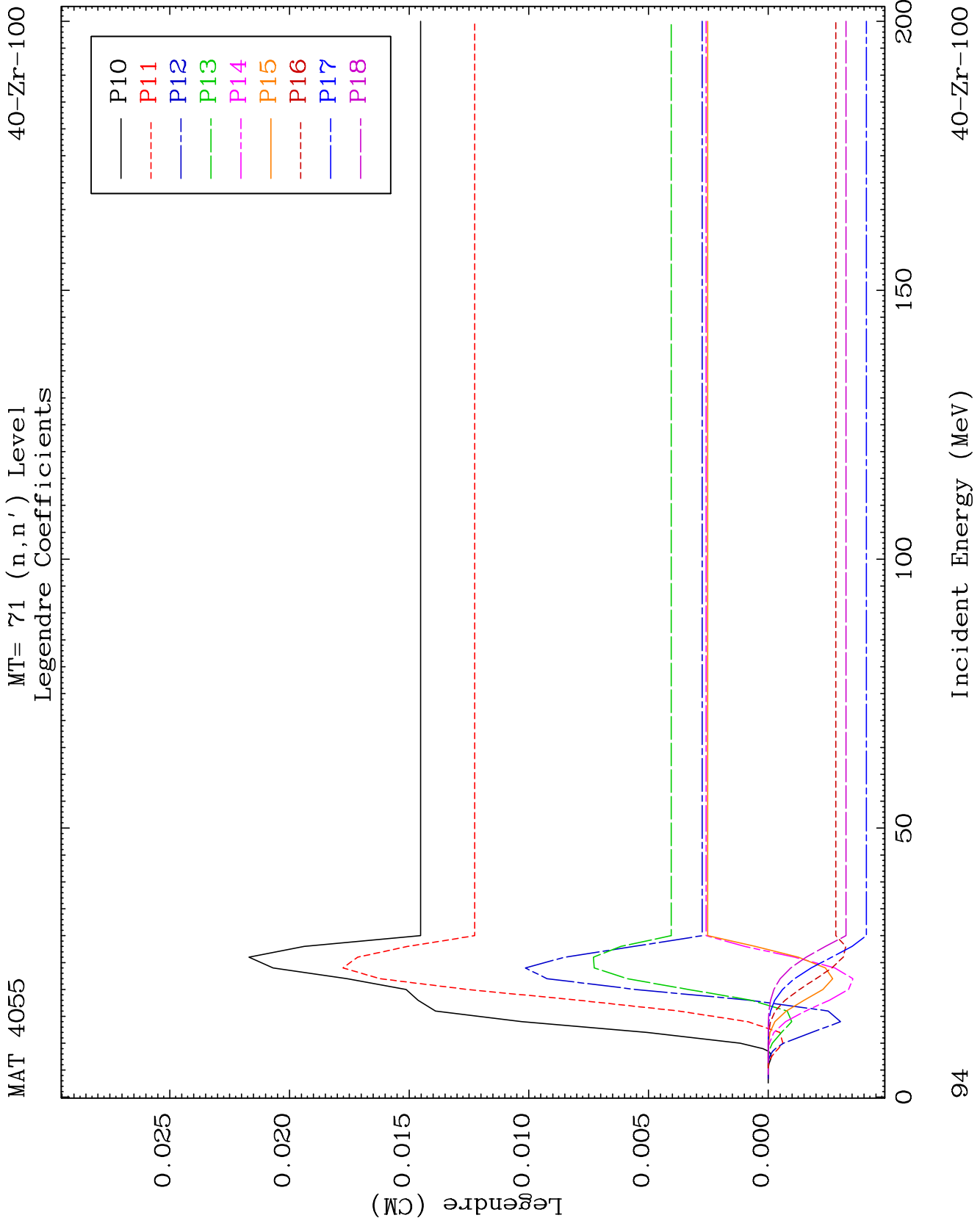


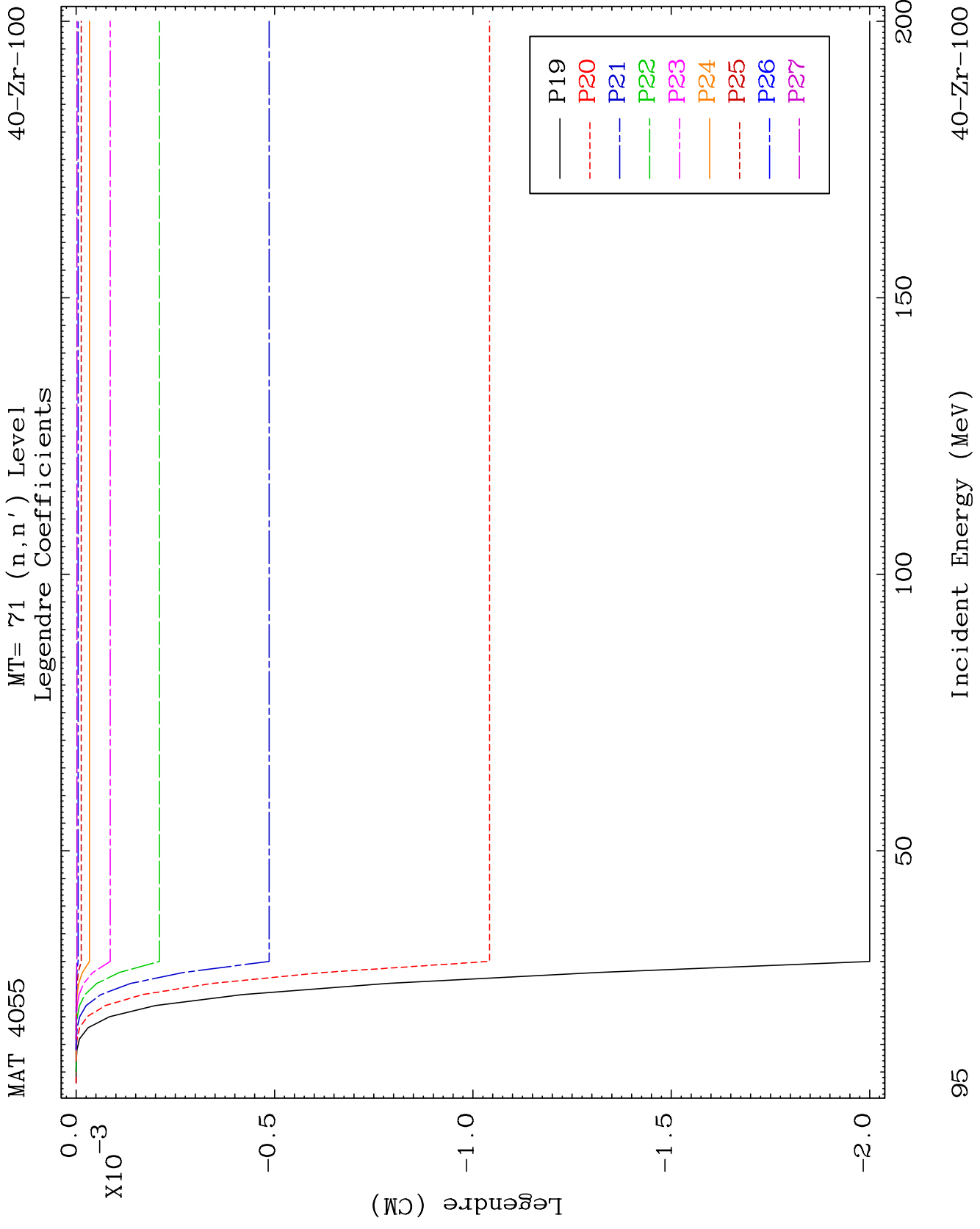


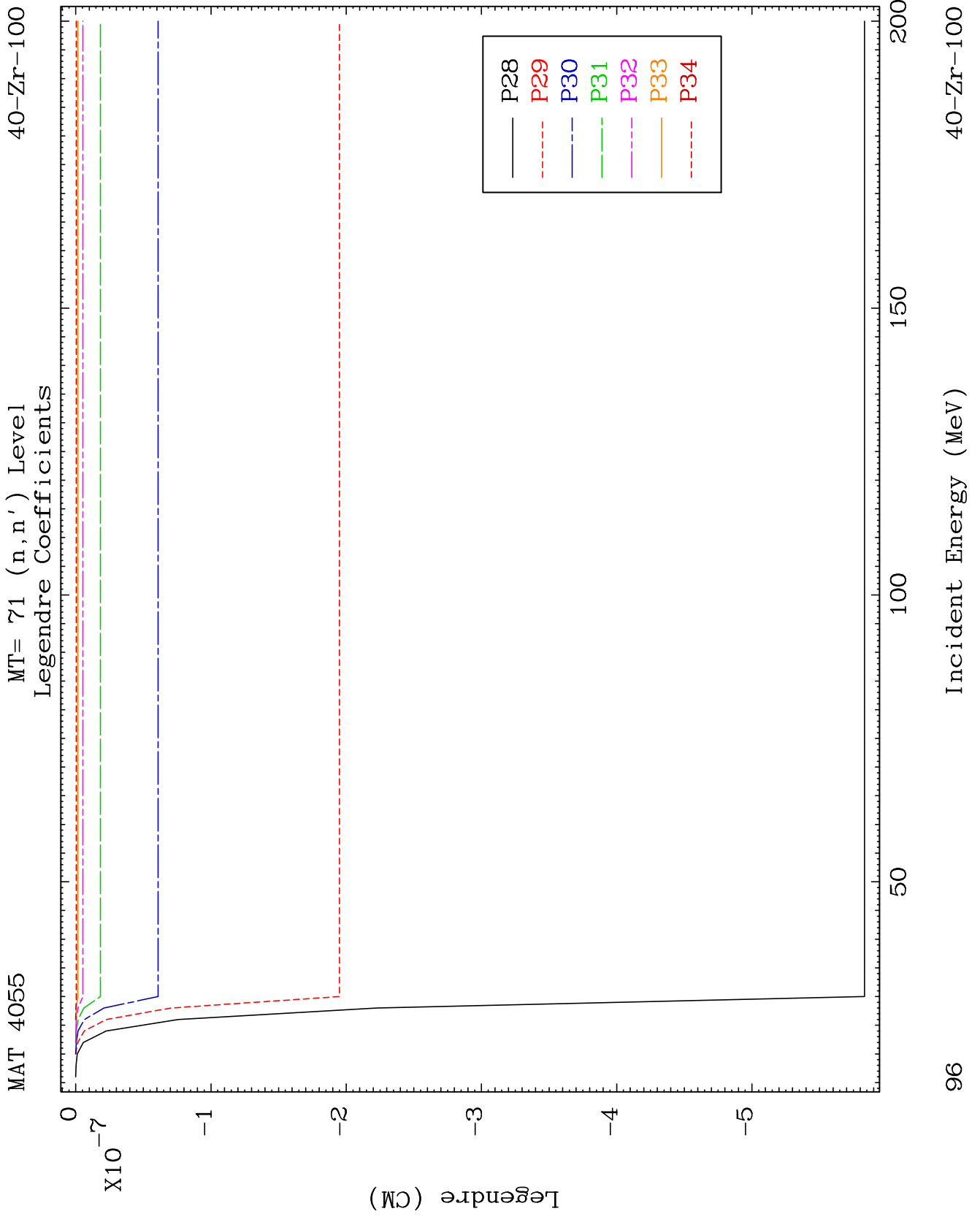


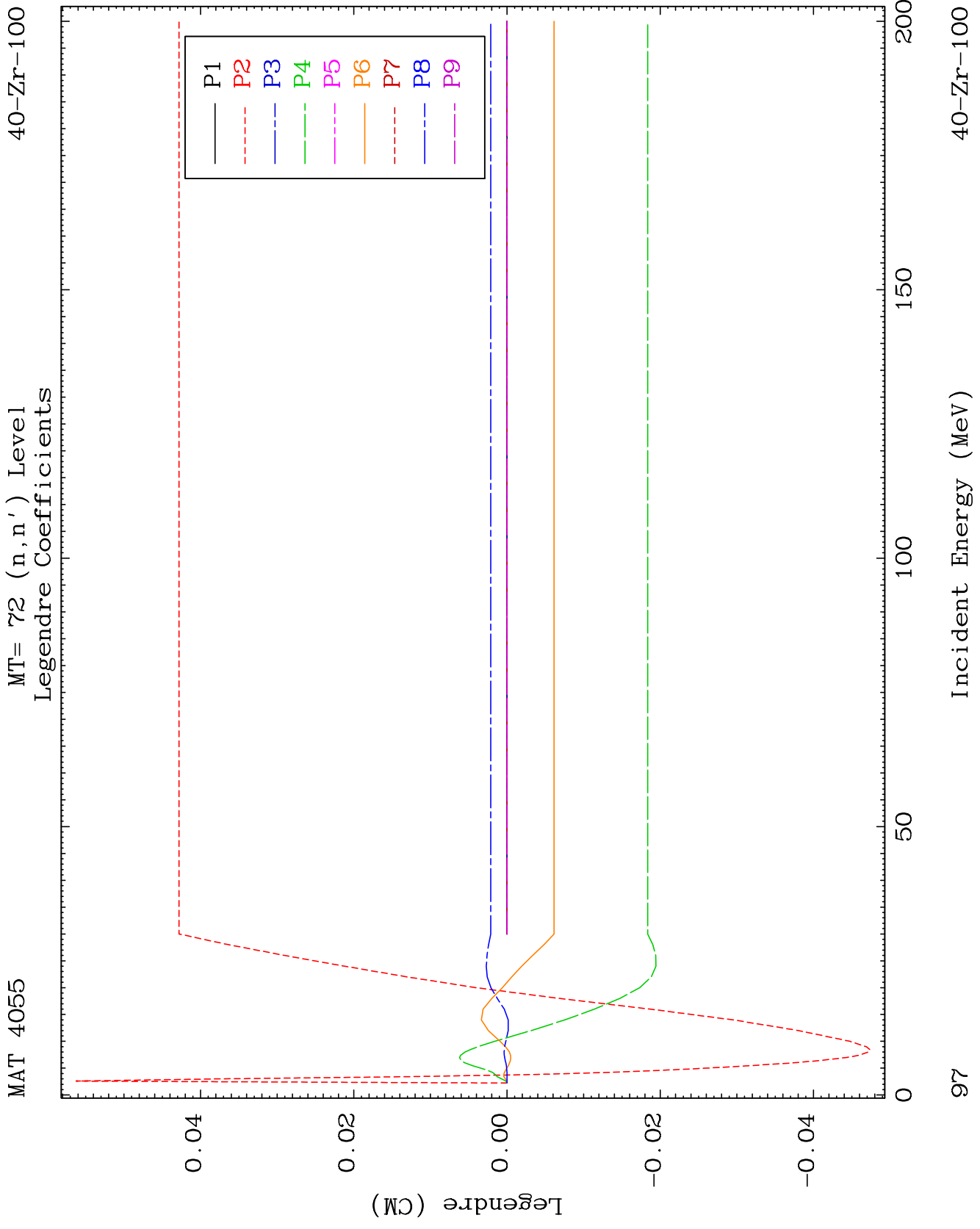


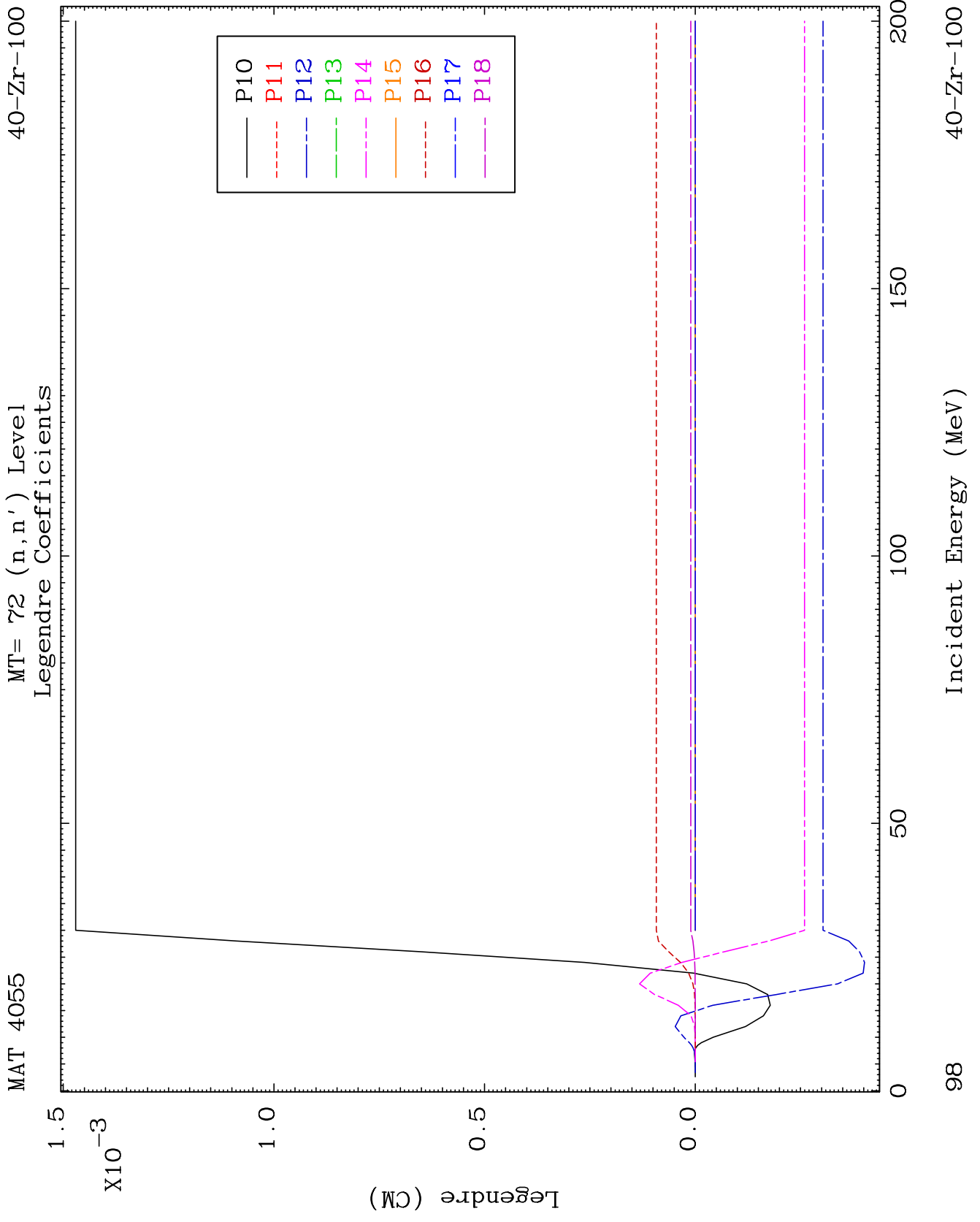


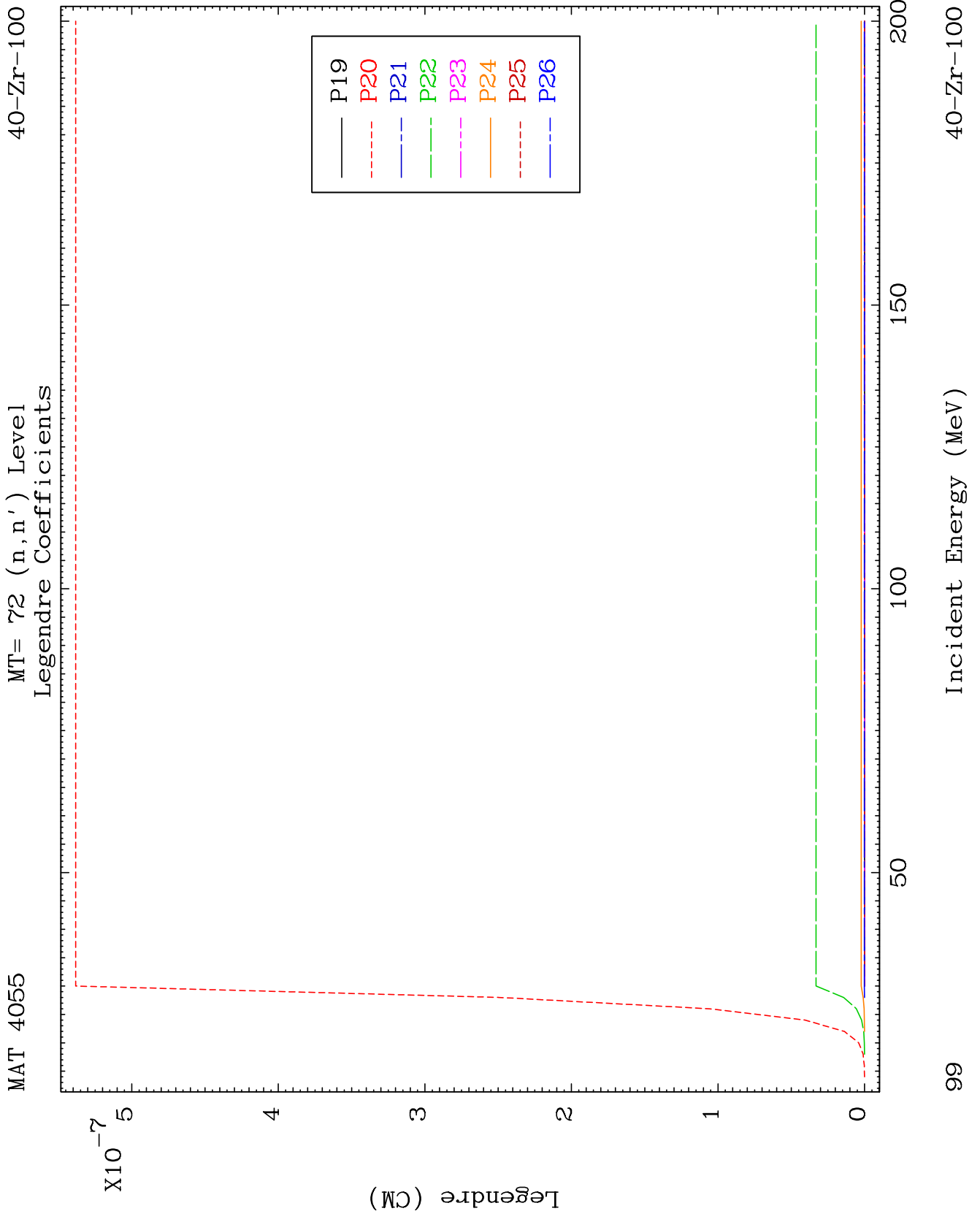


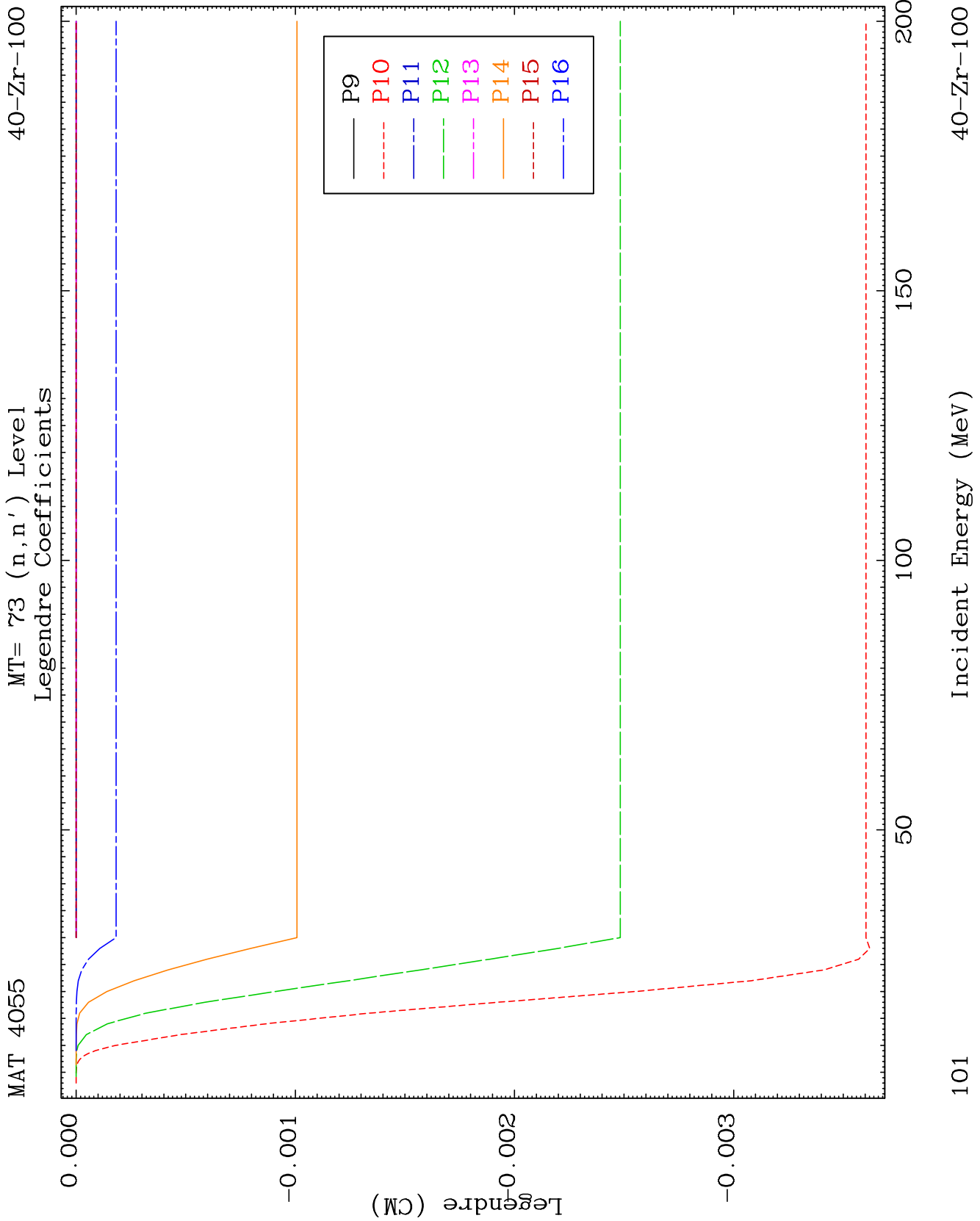


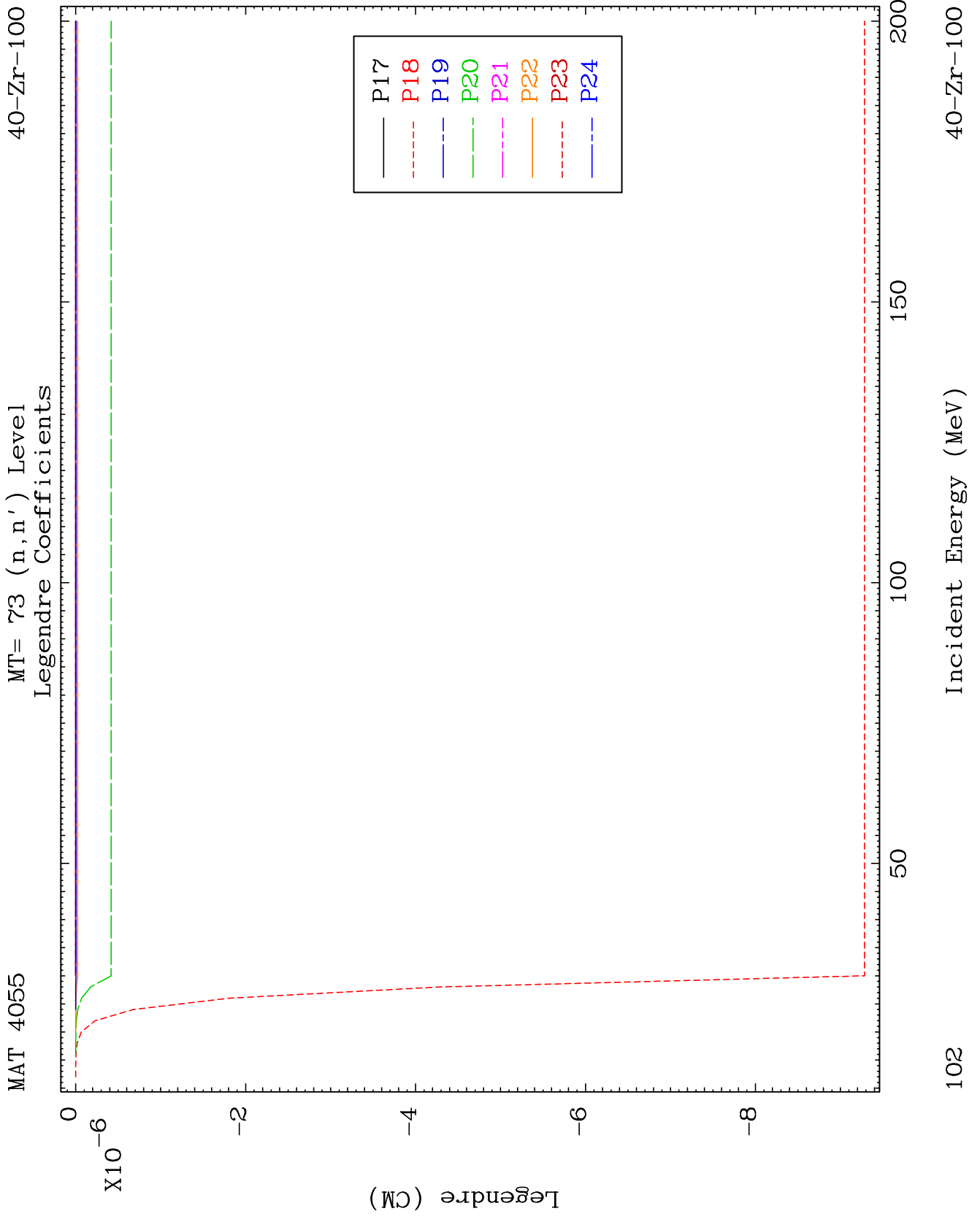


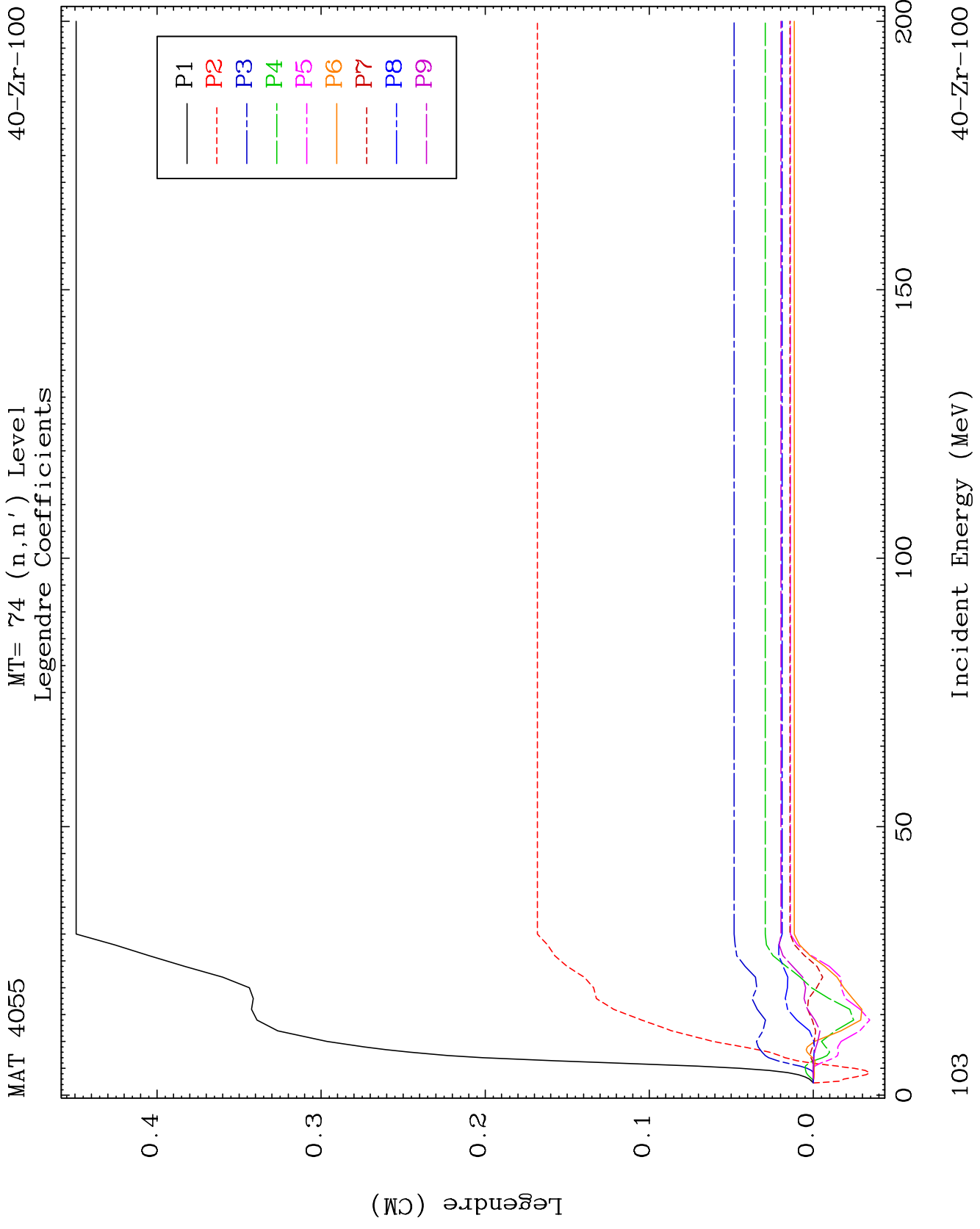


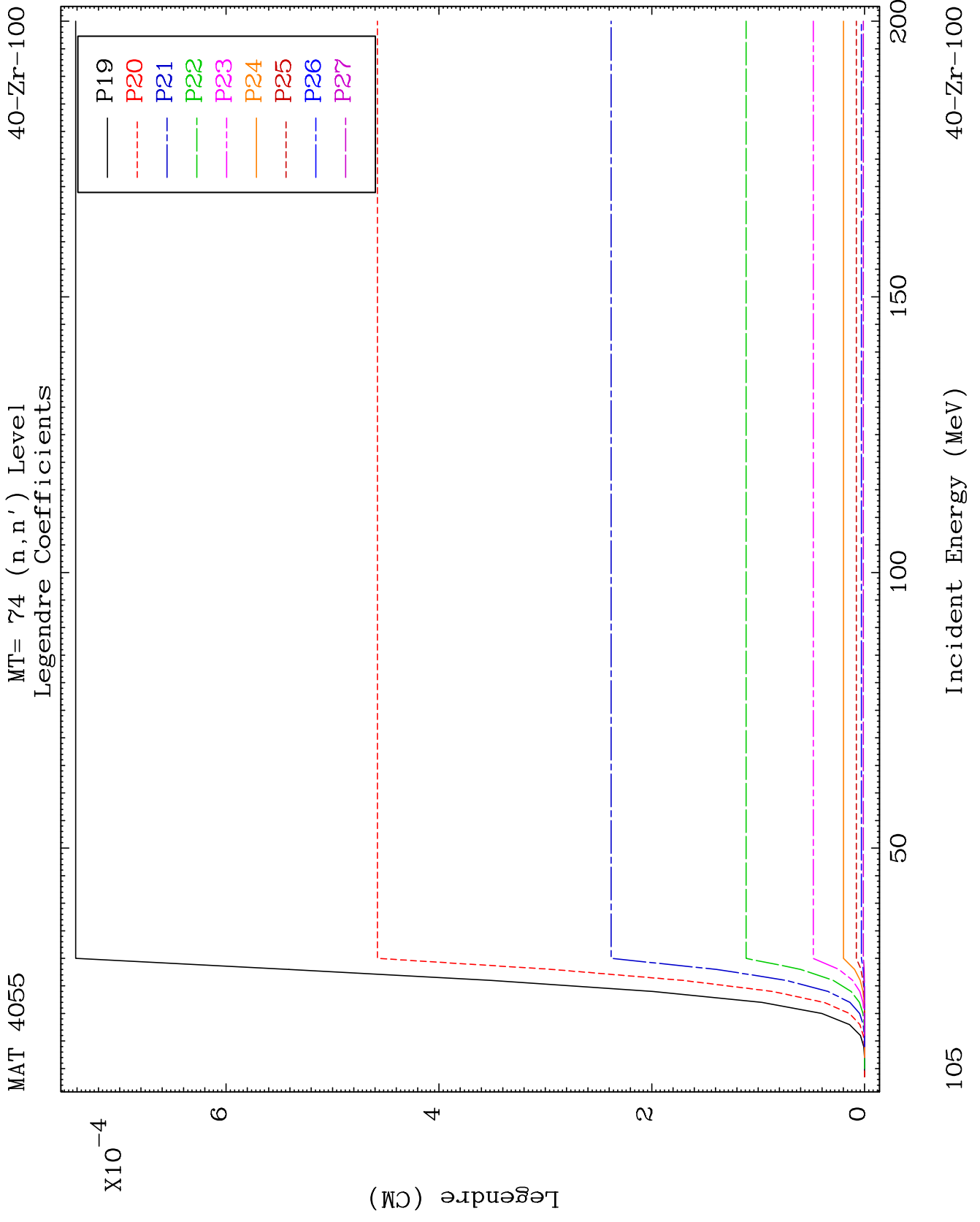


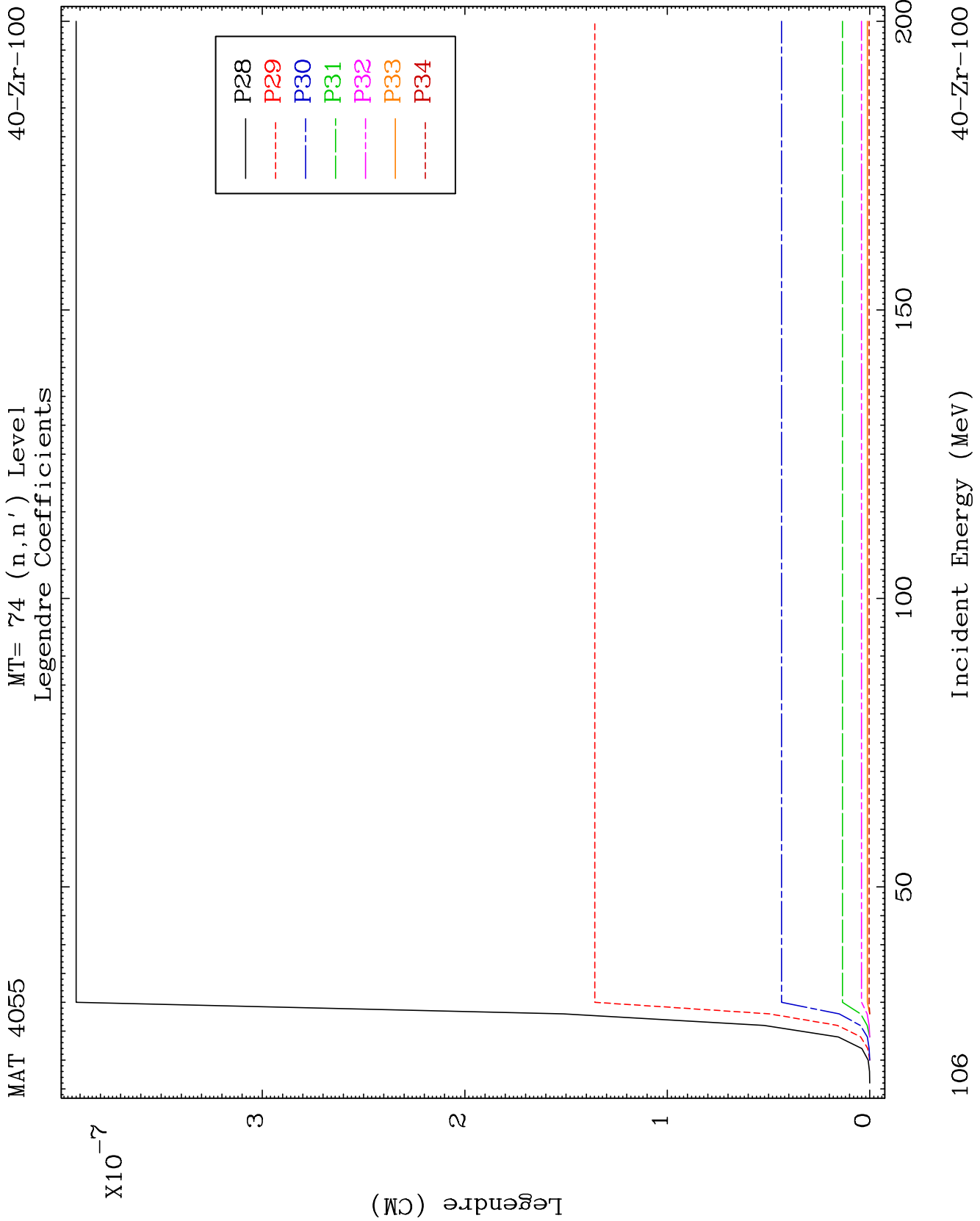


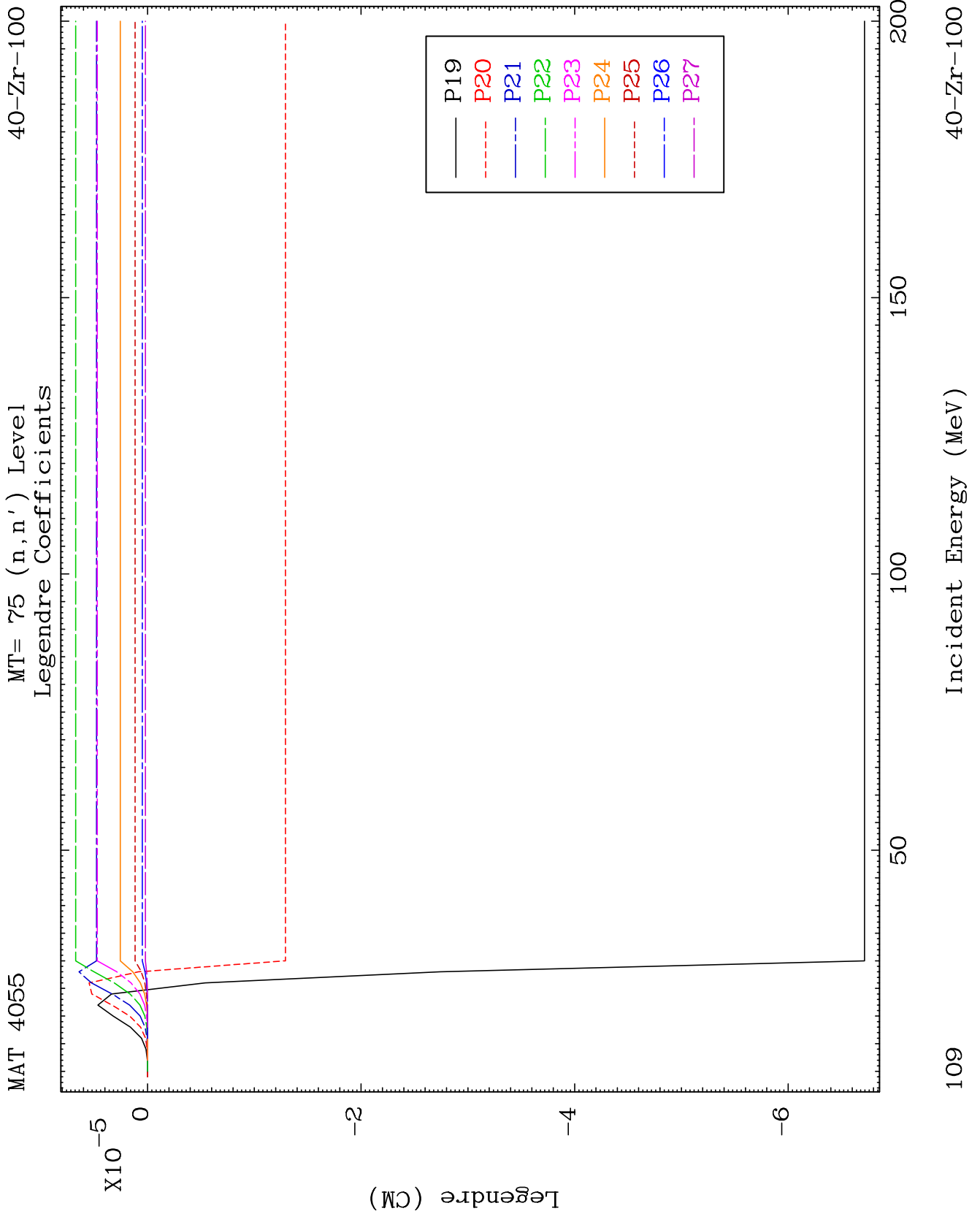


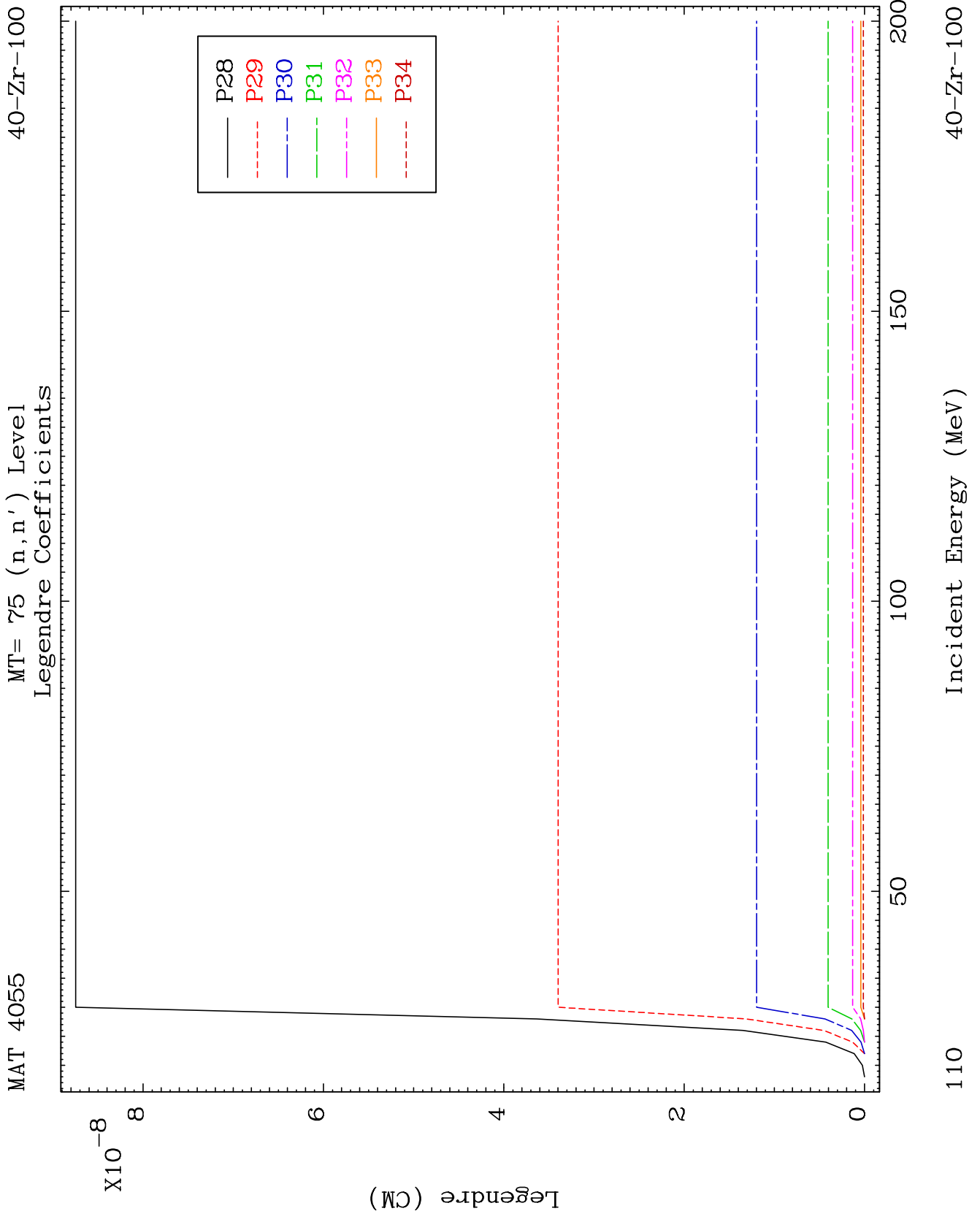


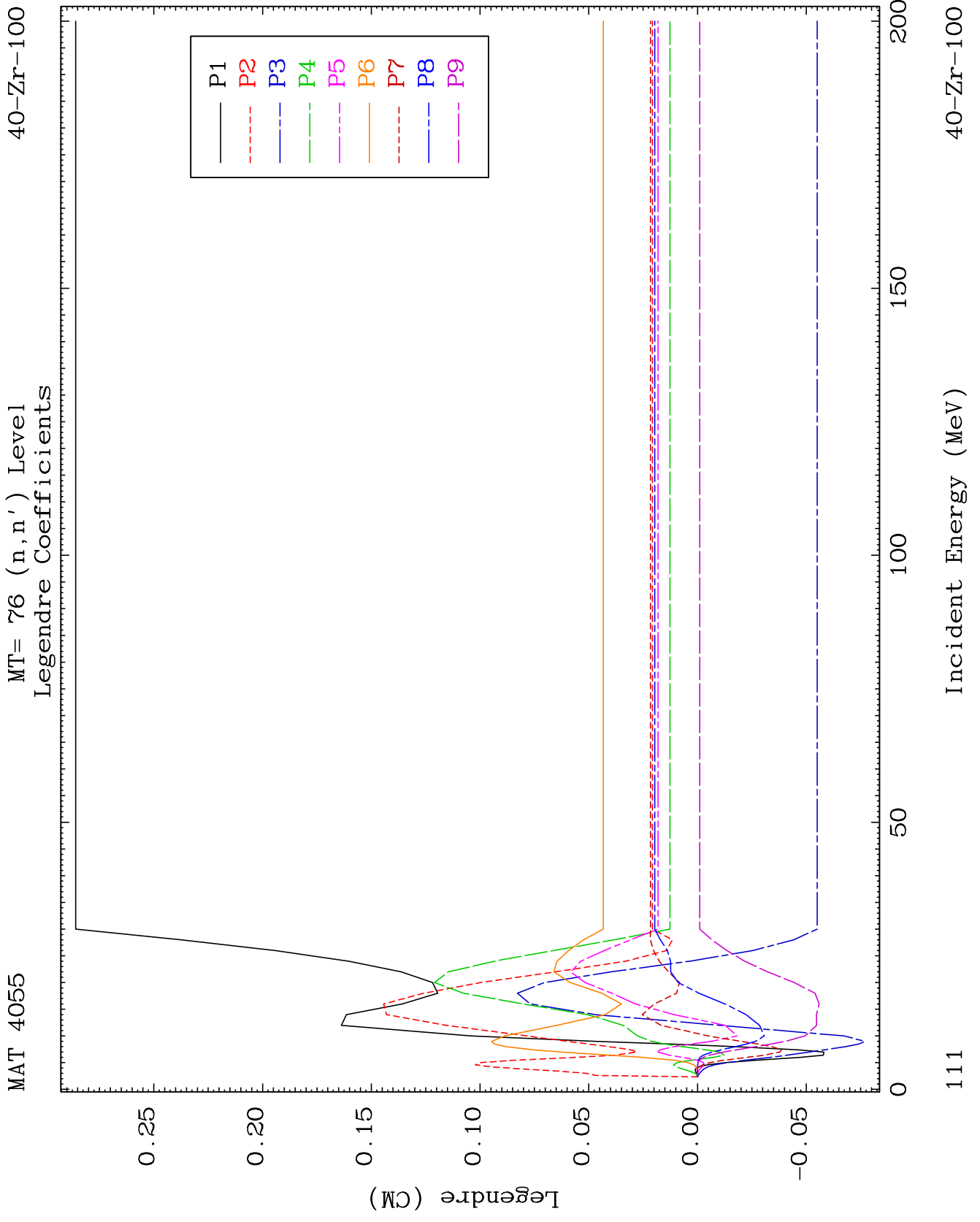








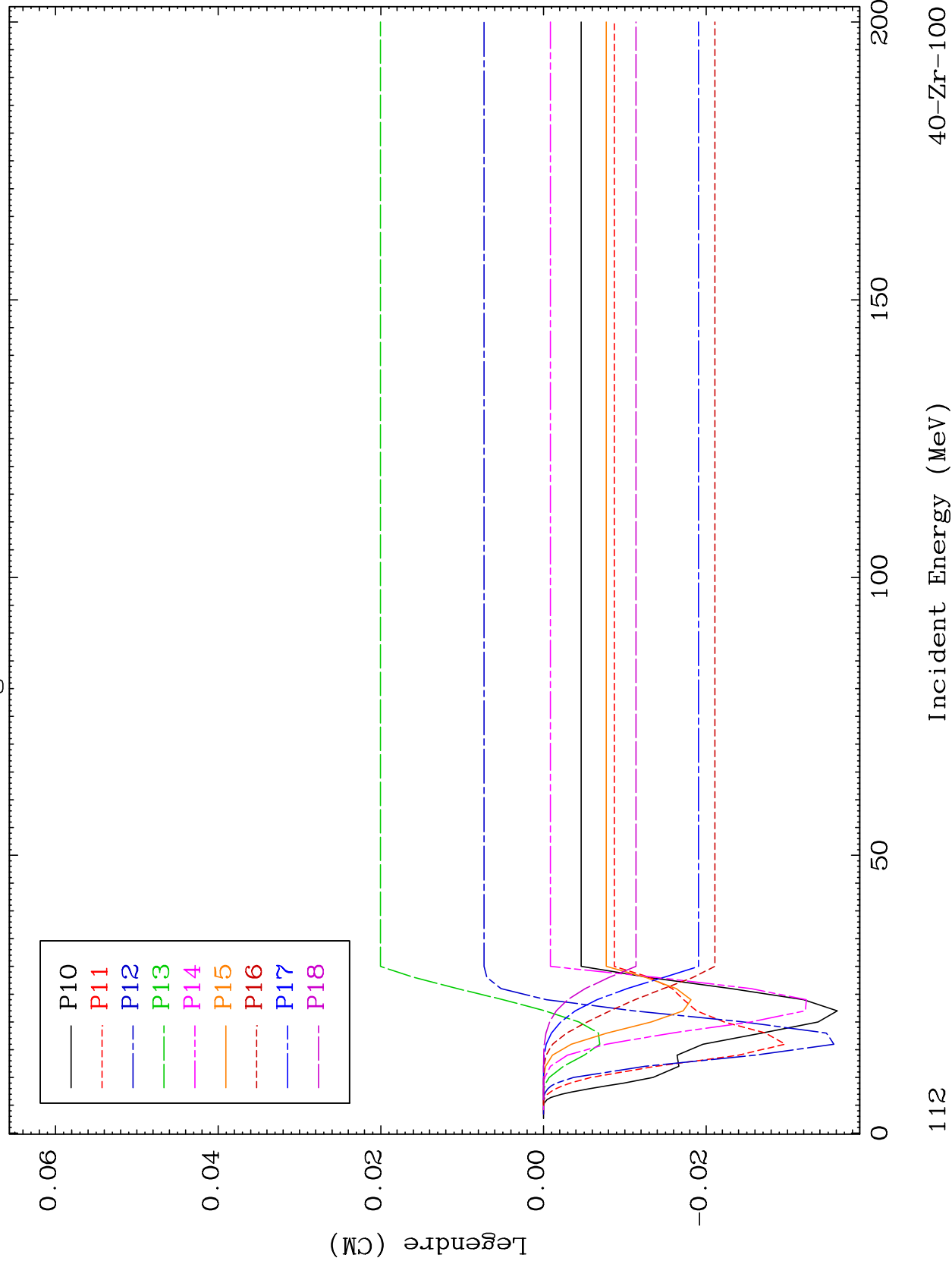




MAT 4055

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

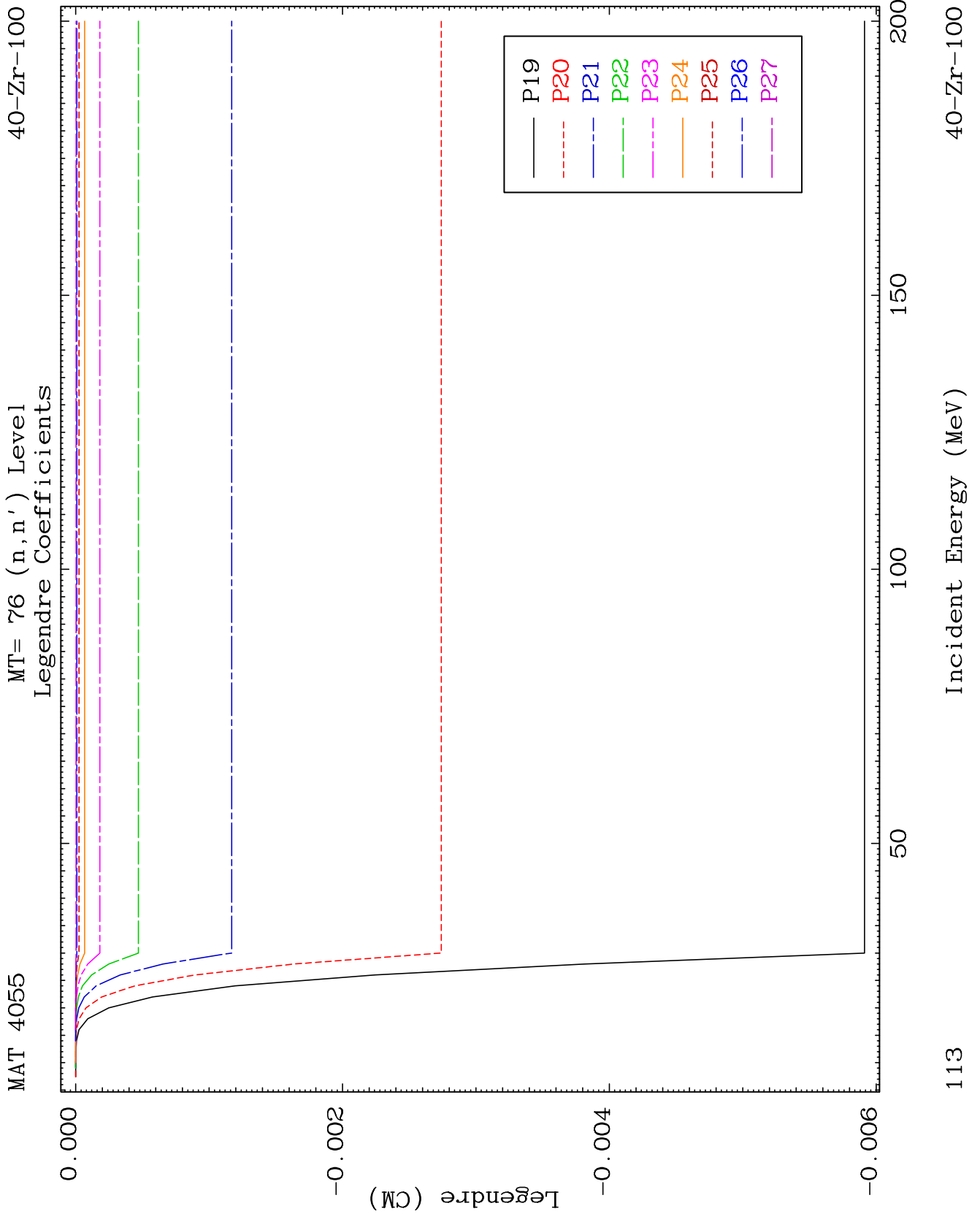
40-Zr-100

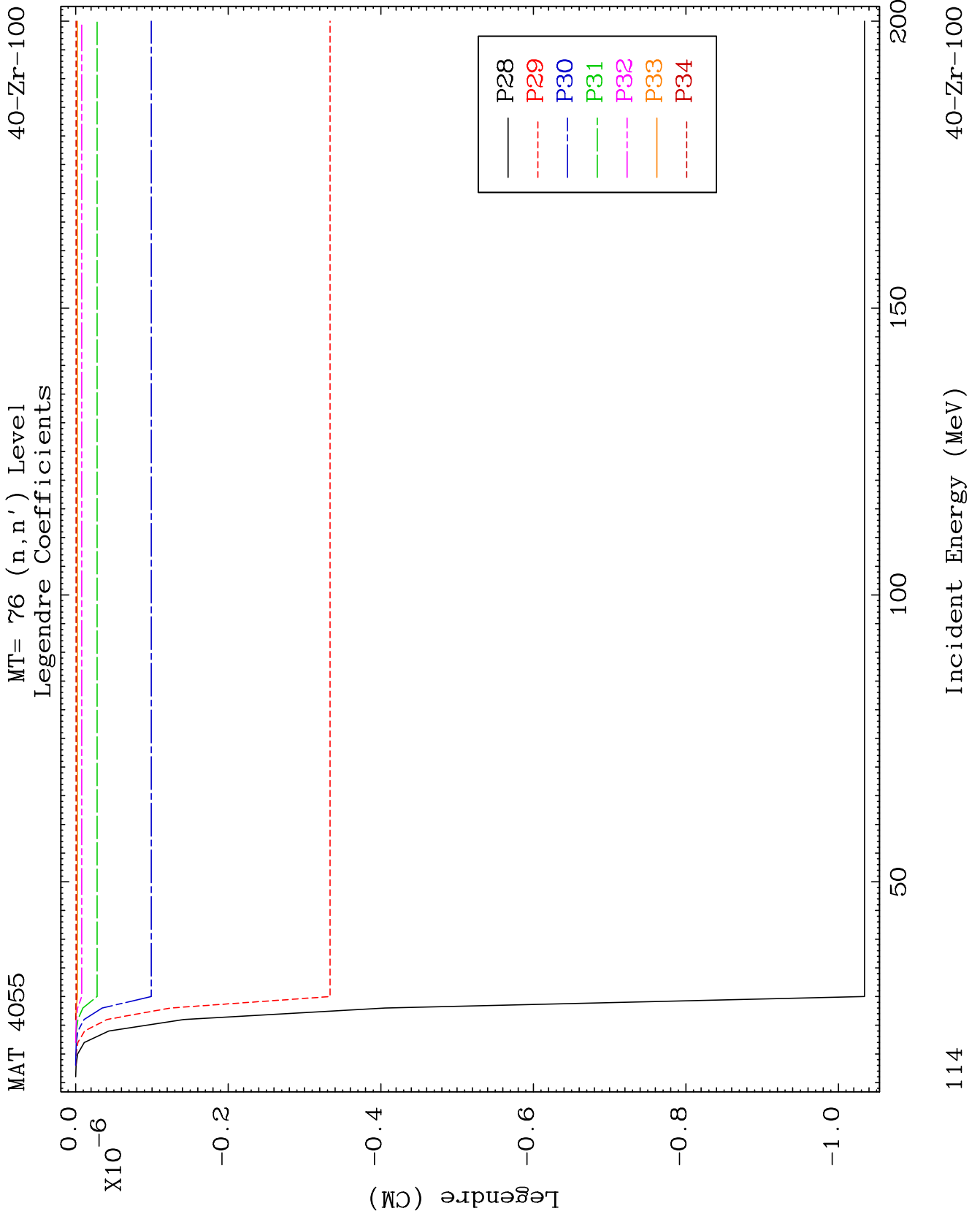


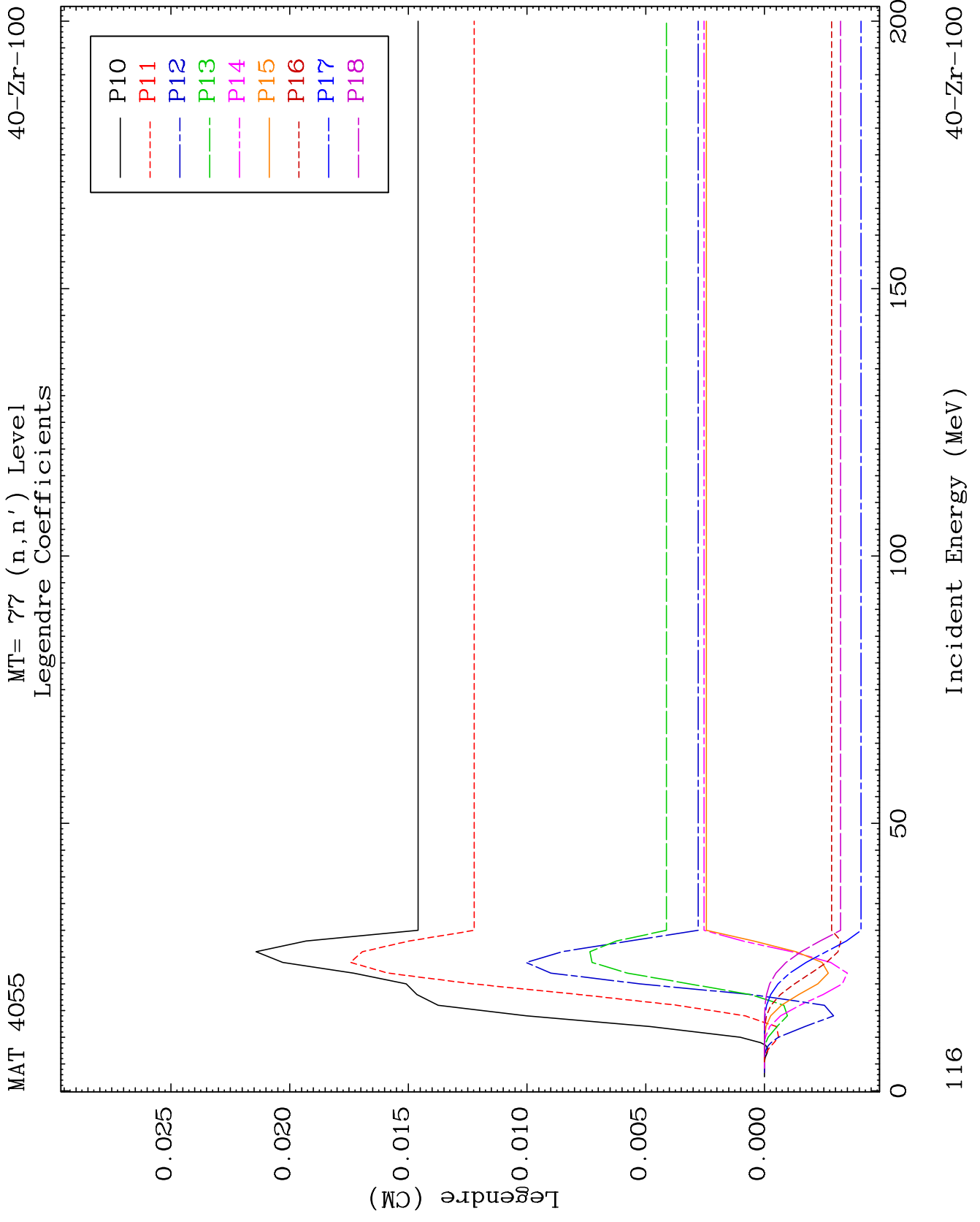
112

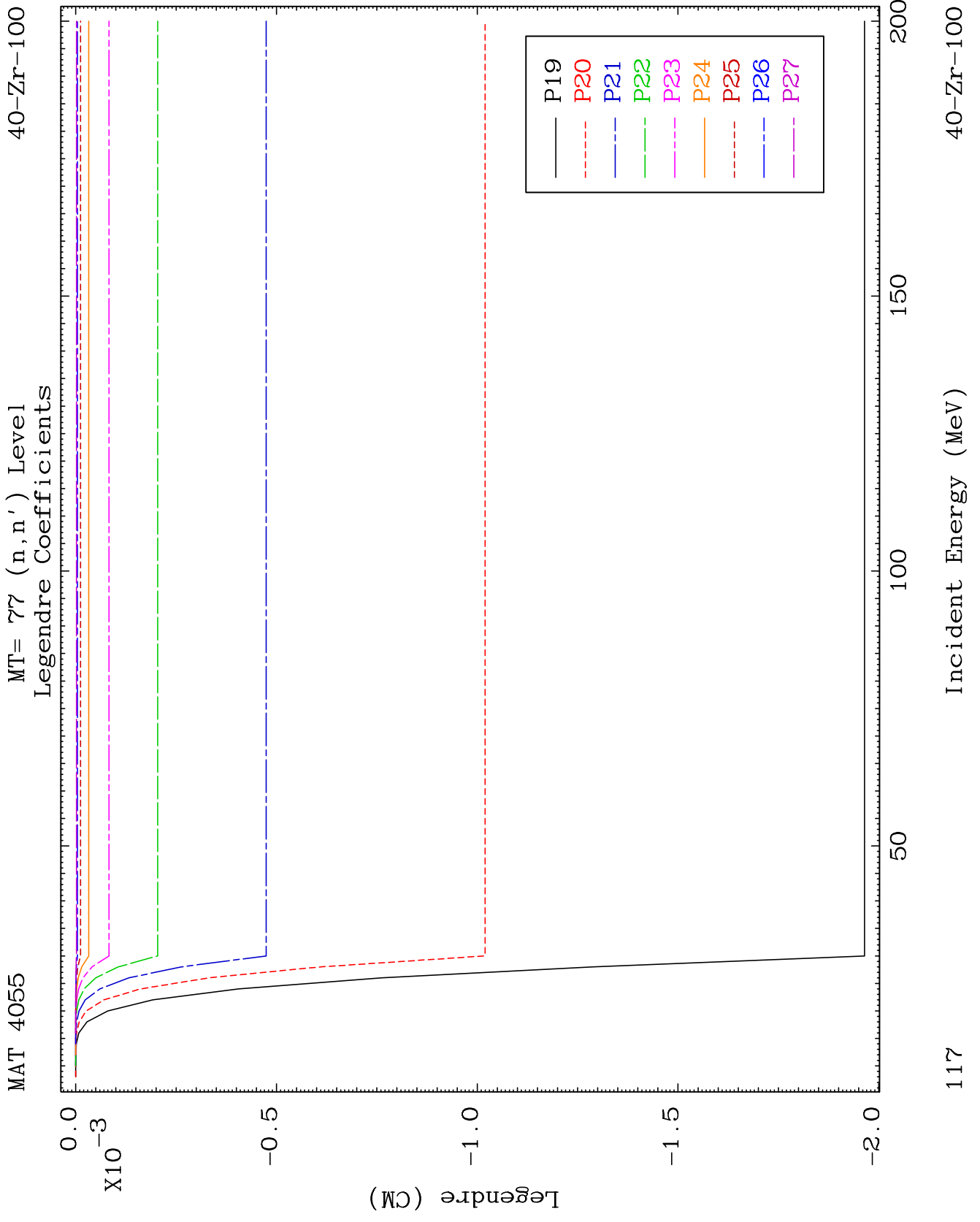
Incident Energy (MeV)

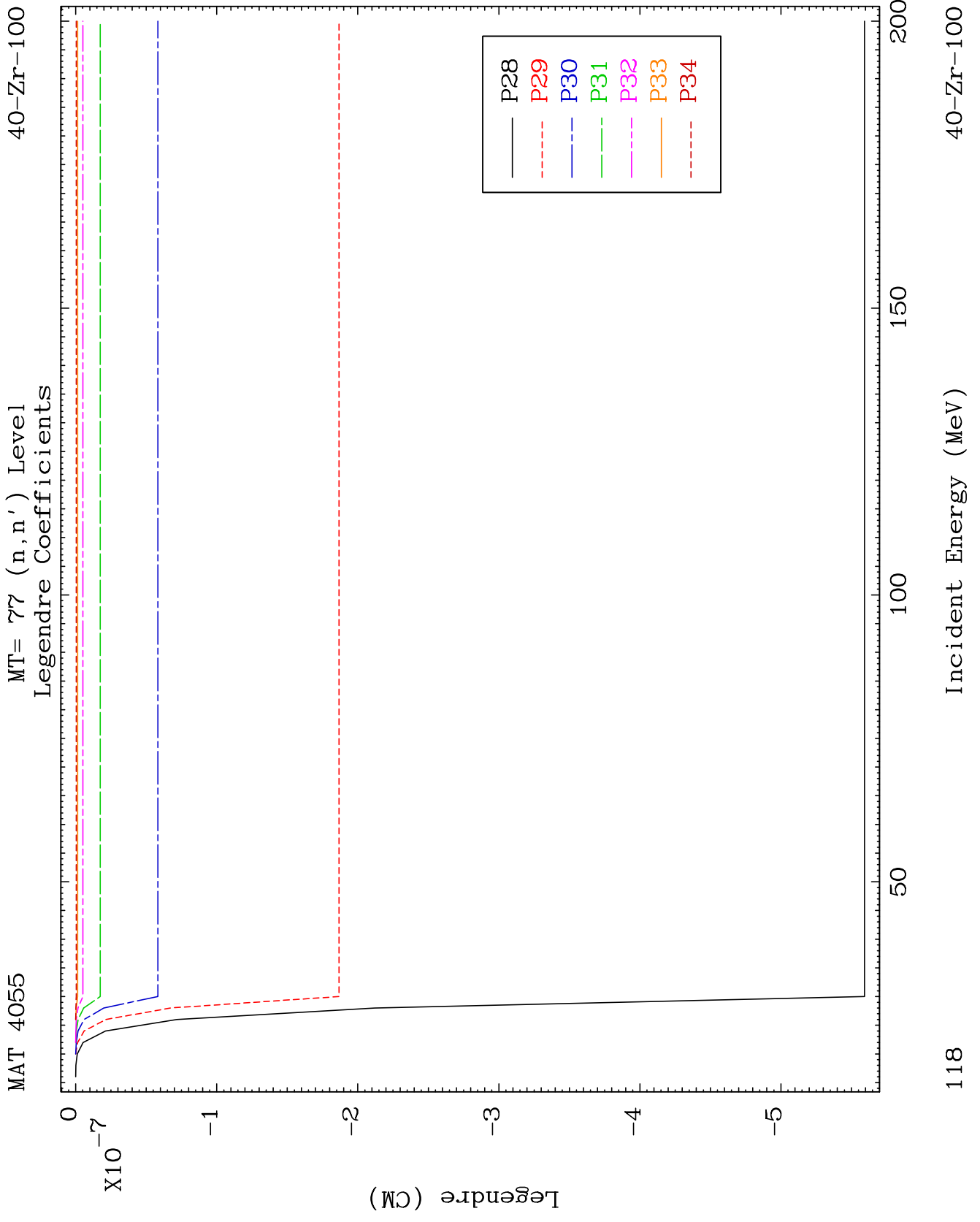
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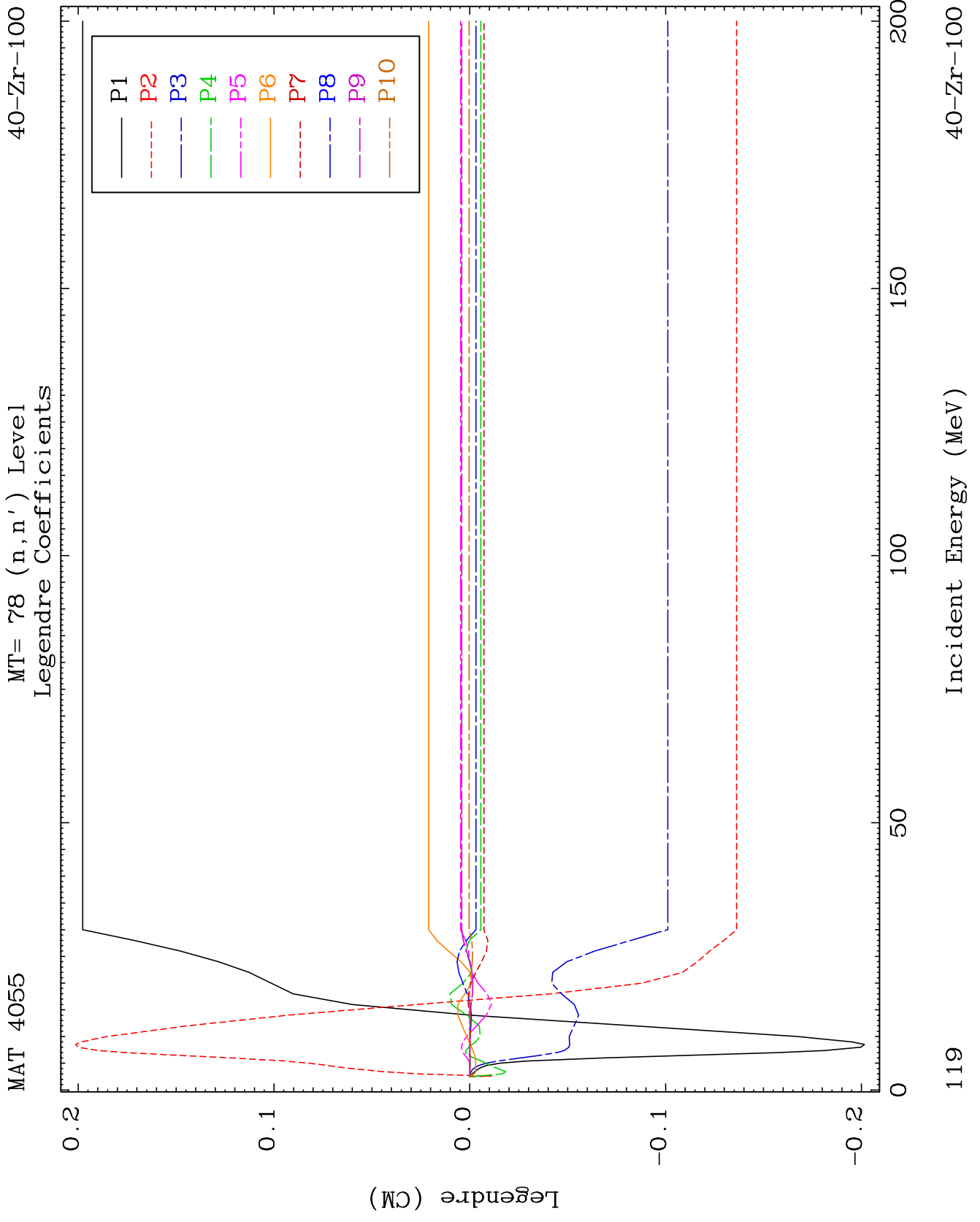


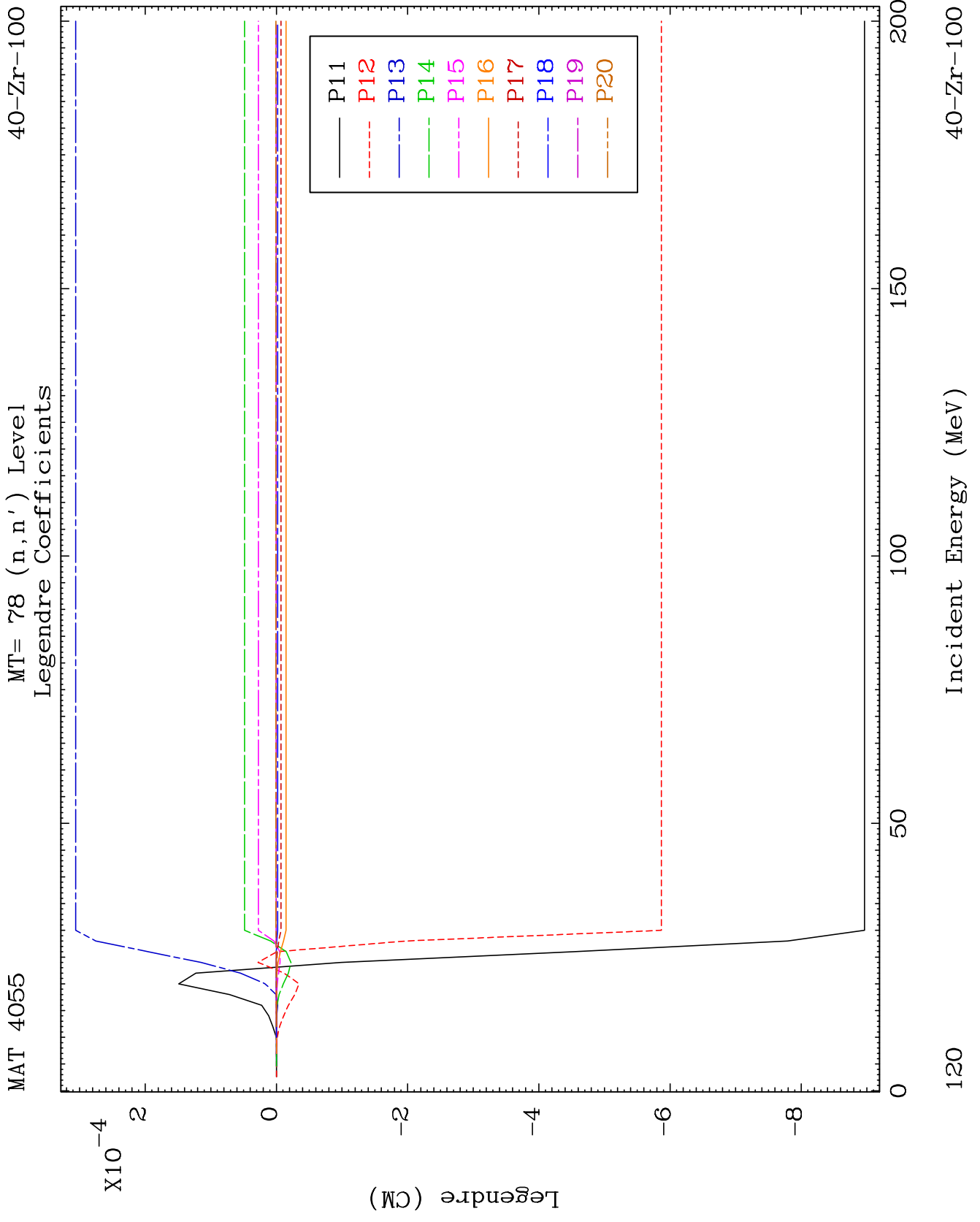


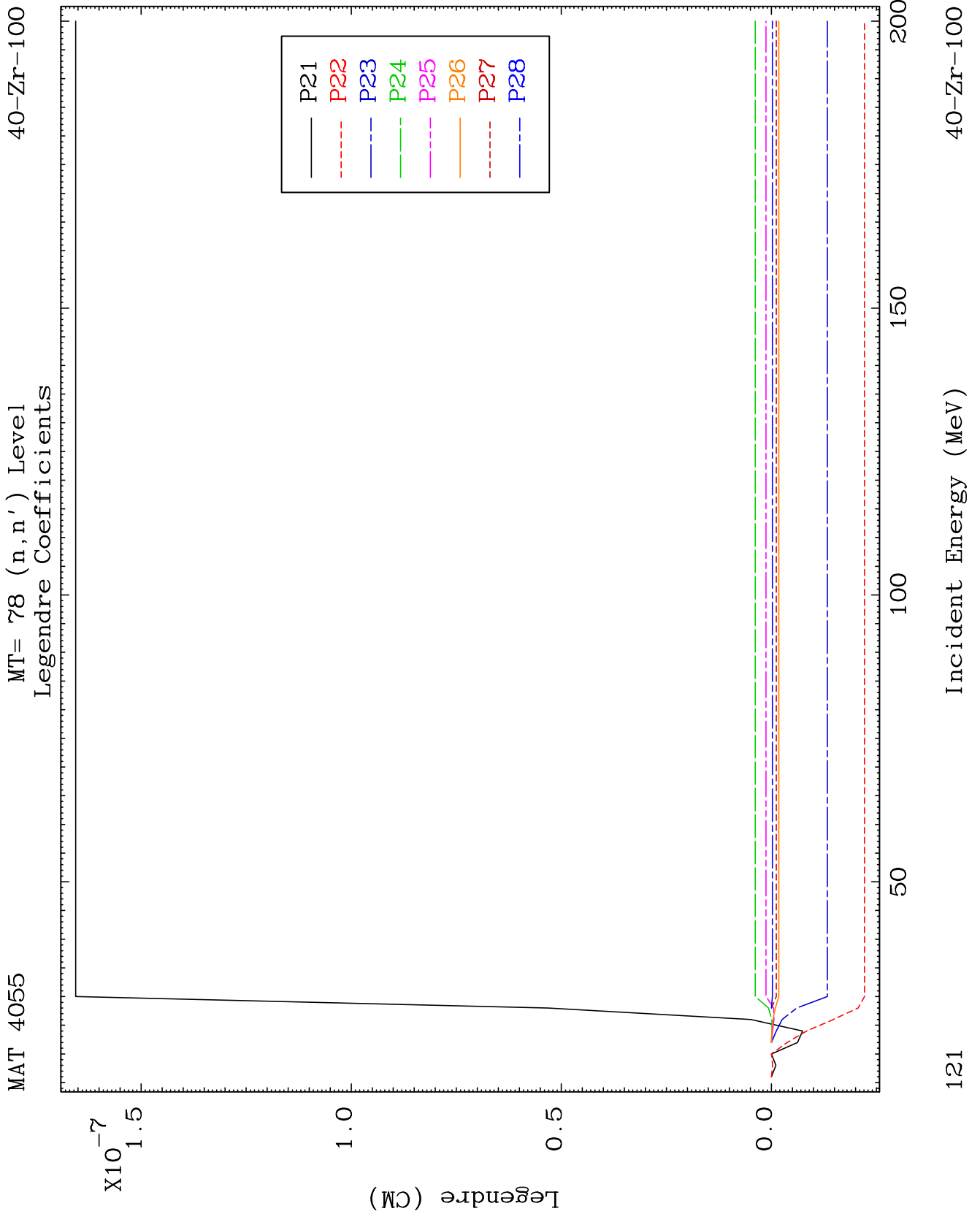


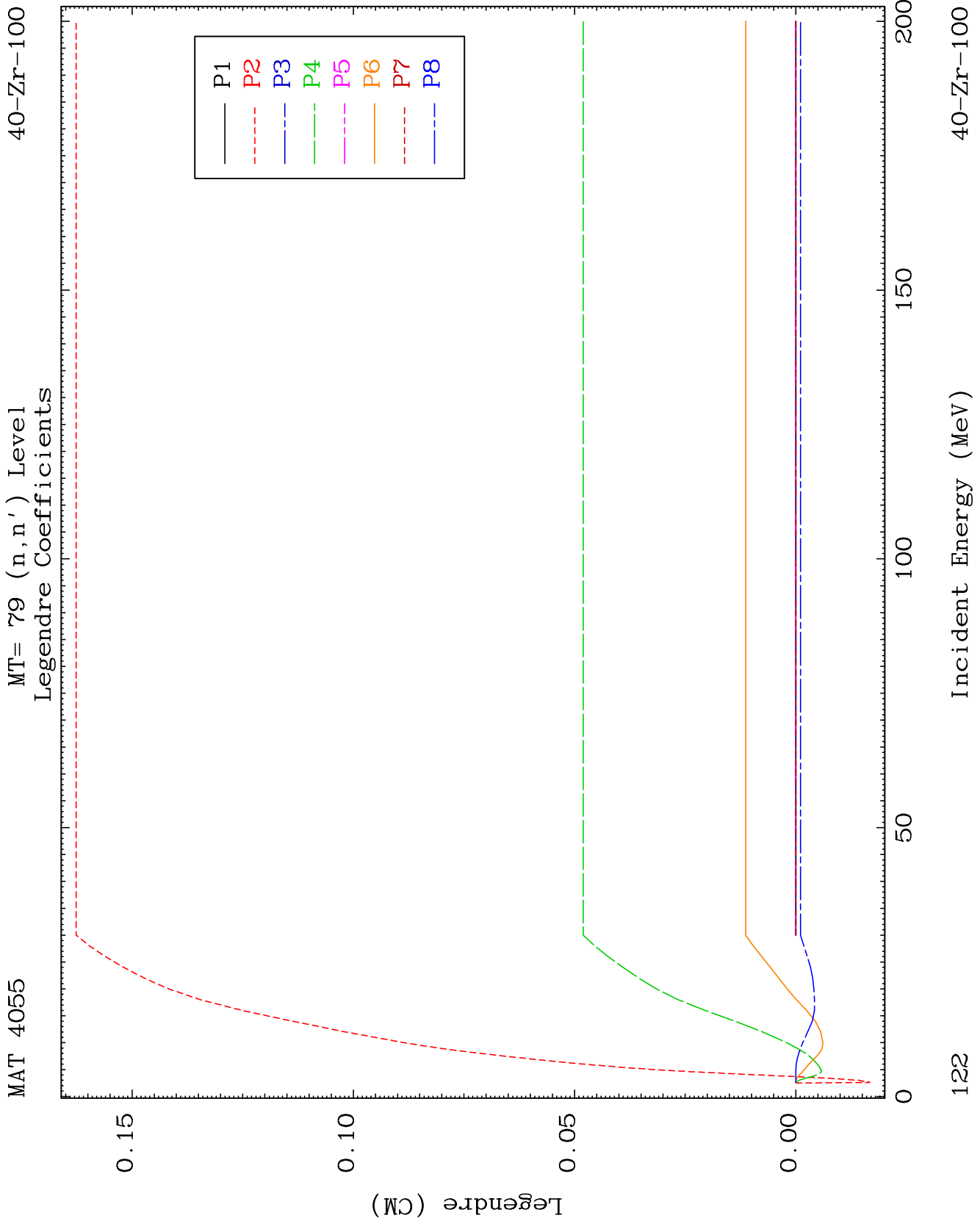


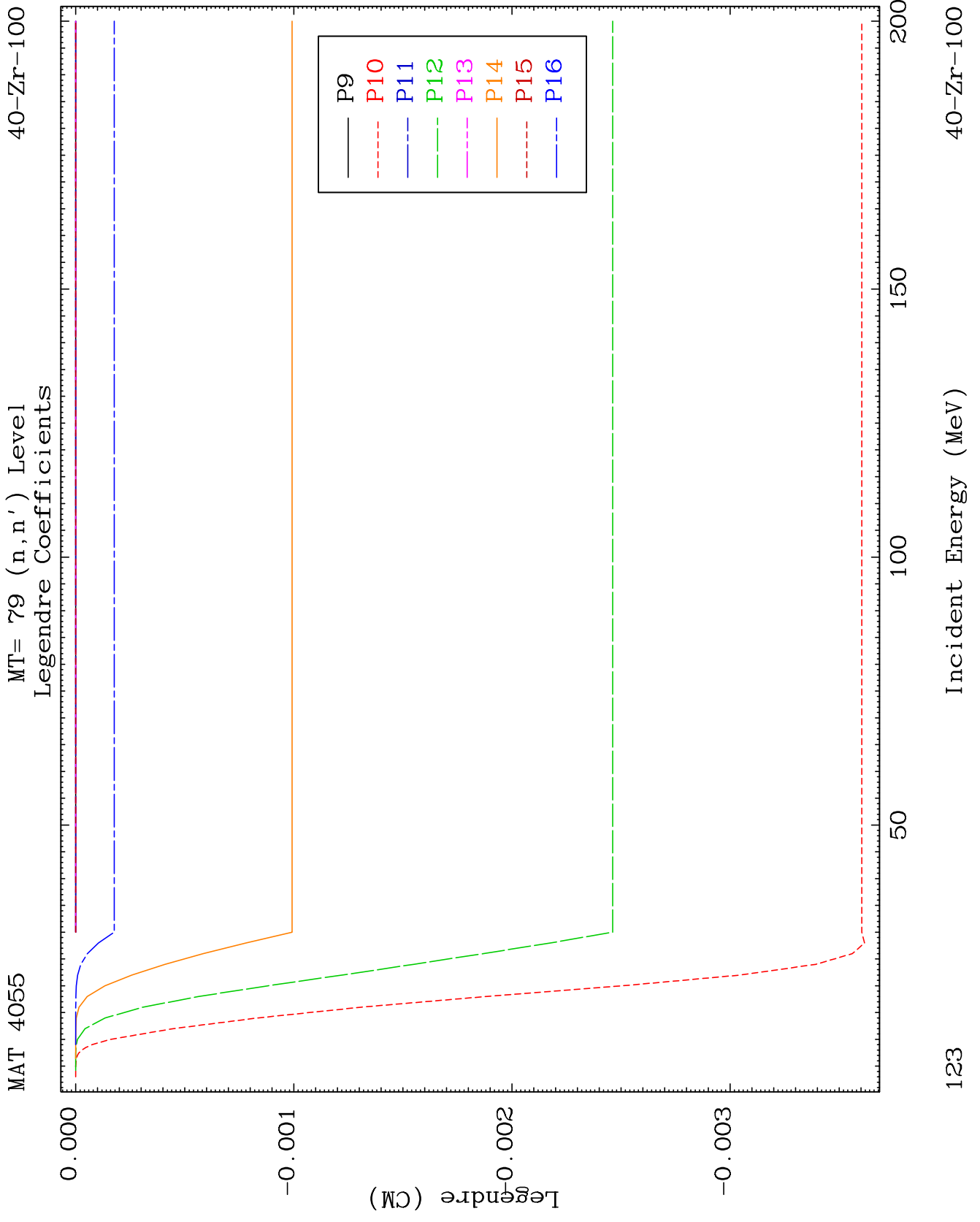


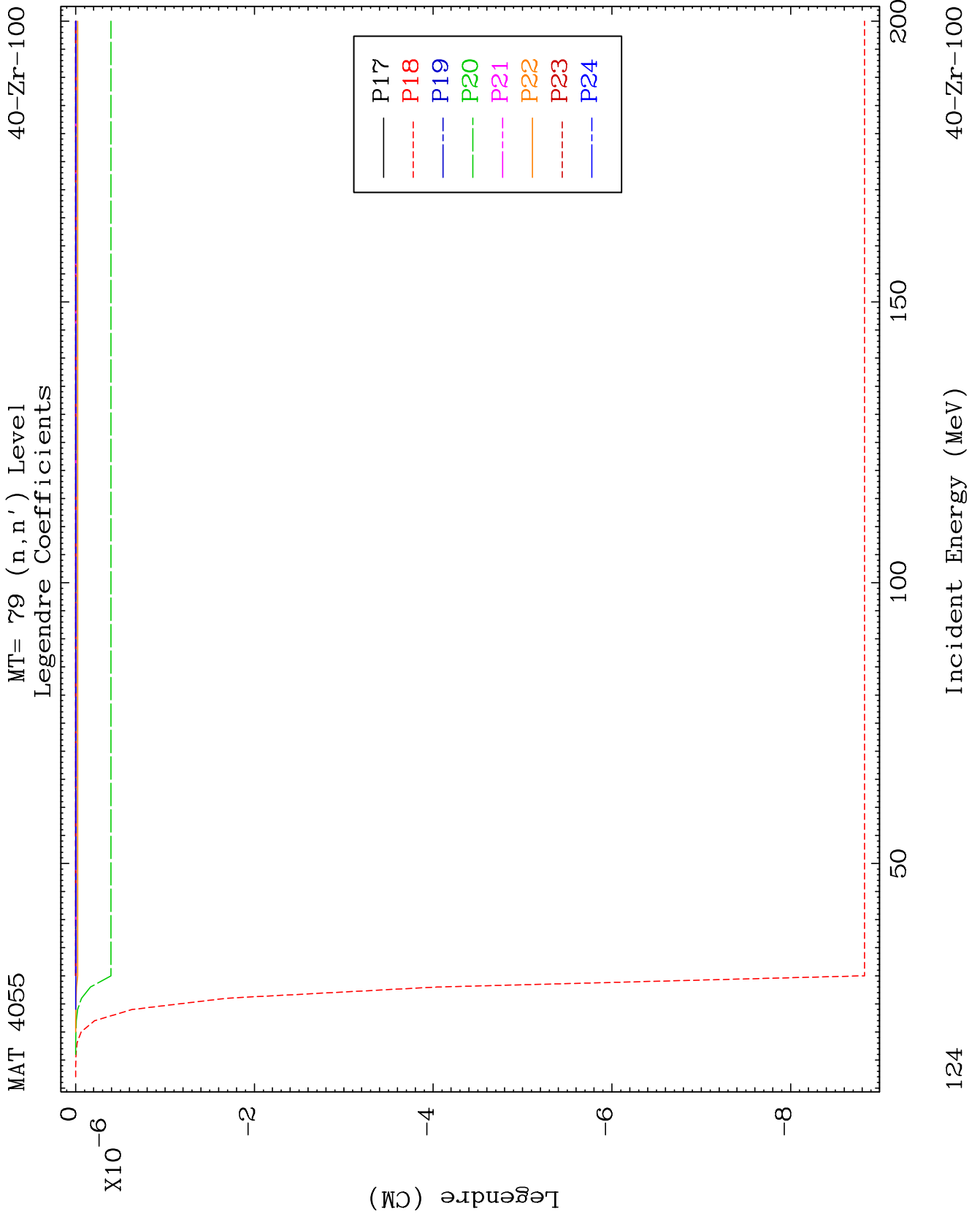










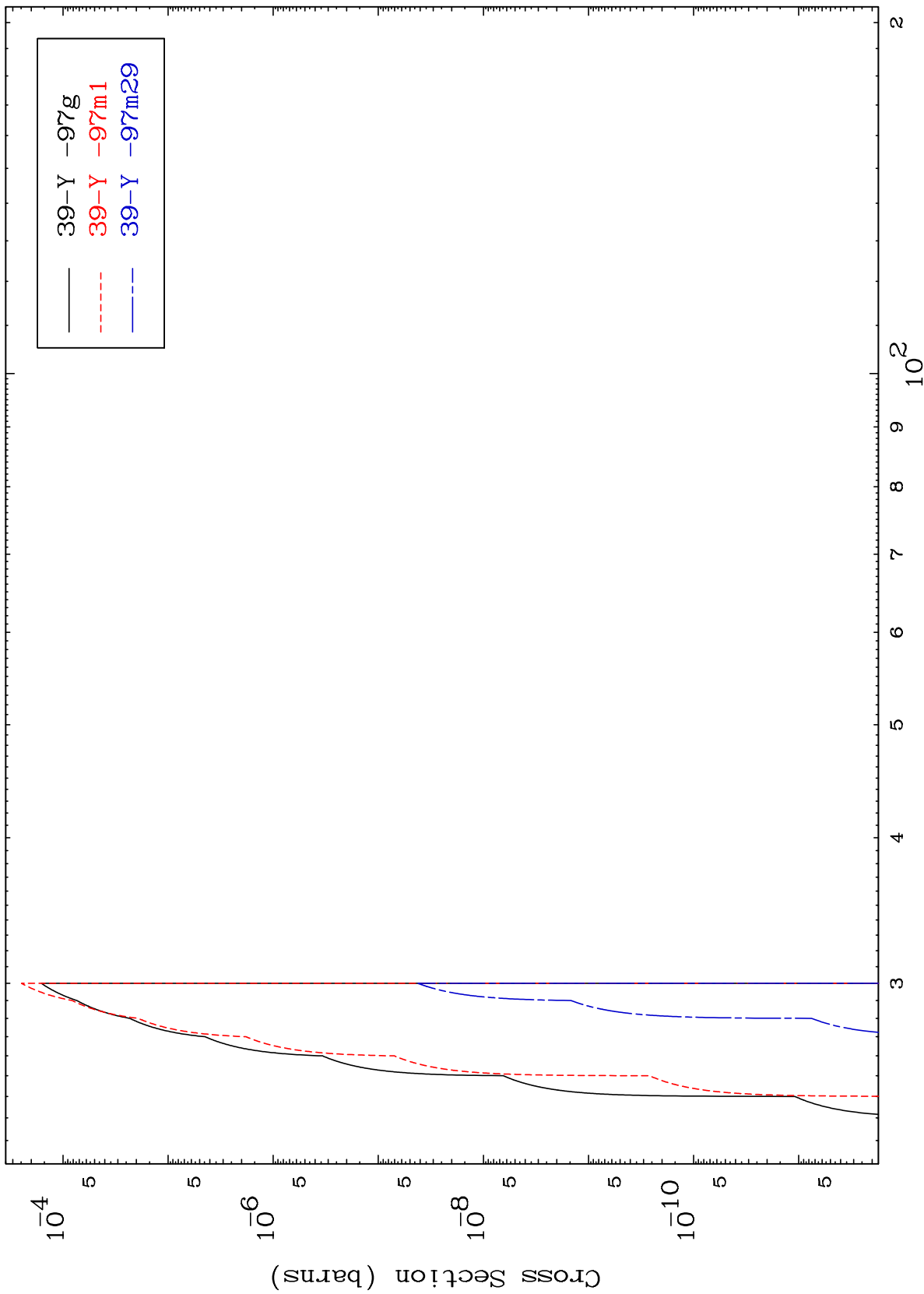


MAT 4055

(n,2n) d

40-Zr-100

Radionuclide Production Cross Section



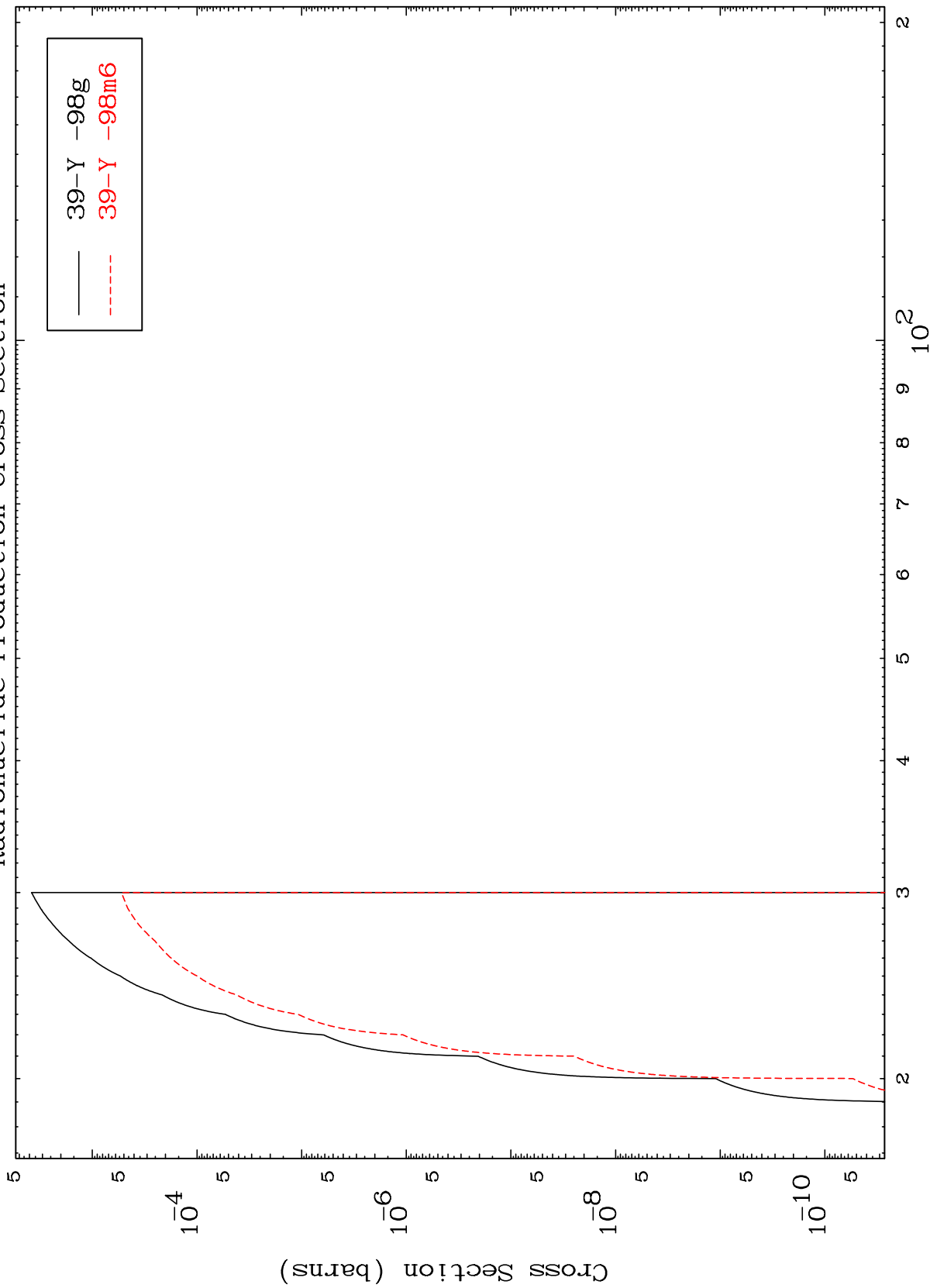
39-Y -97g
39-Y -97m1
39-Y -97m29

125

Incident Energy (MeV)

40-Zr-100

Radionuclide Production Cross Section

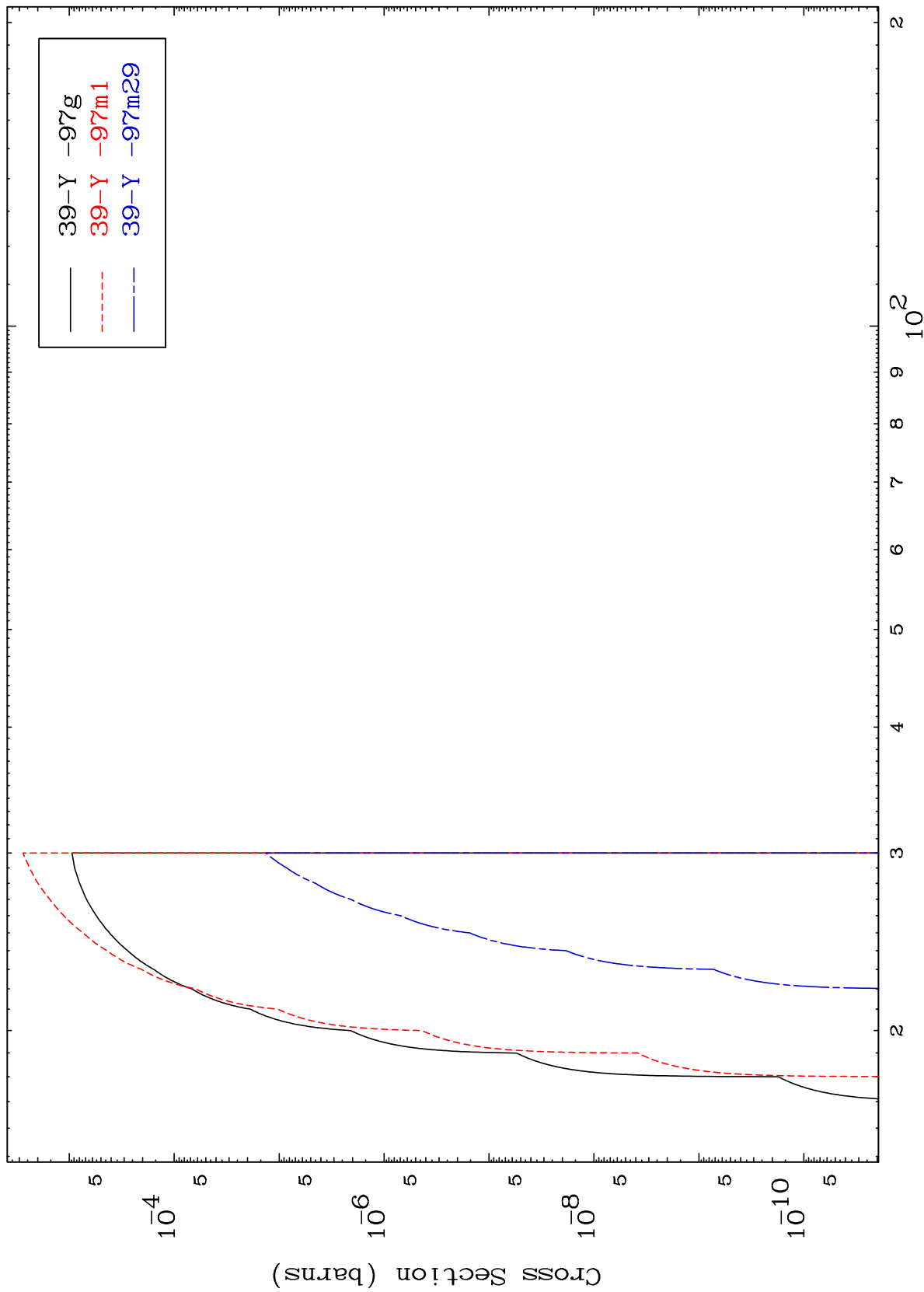


MAT 4055

(n,n') t

40-Zr-100

Radionuclide Production Cross Section



127

Incident Energy (MeV)

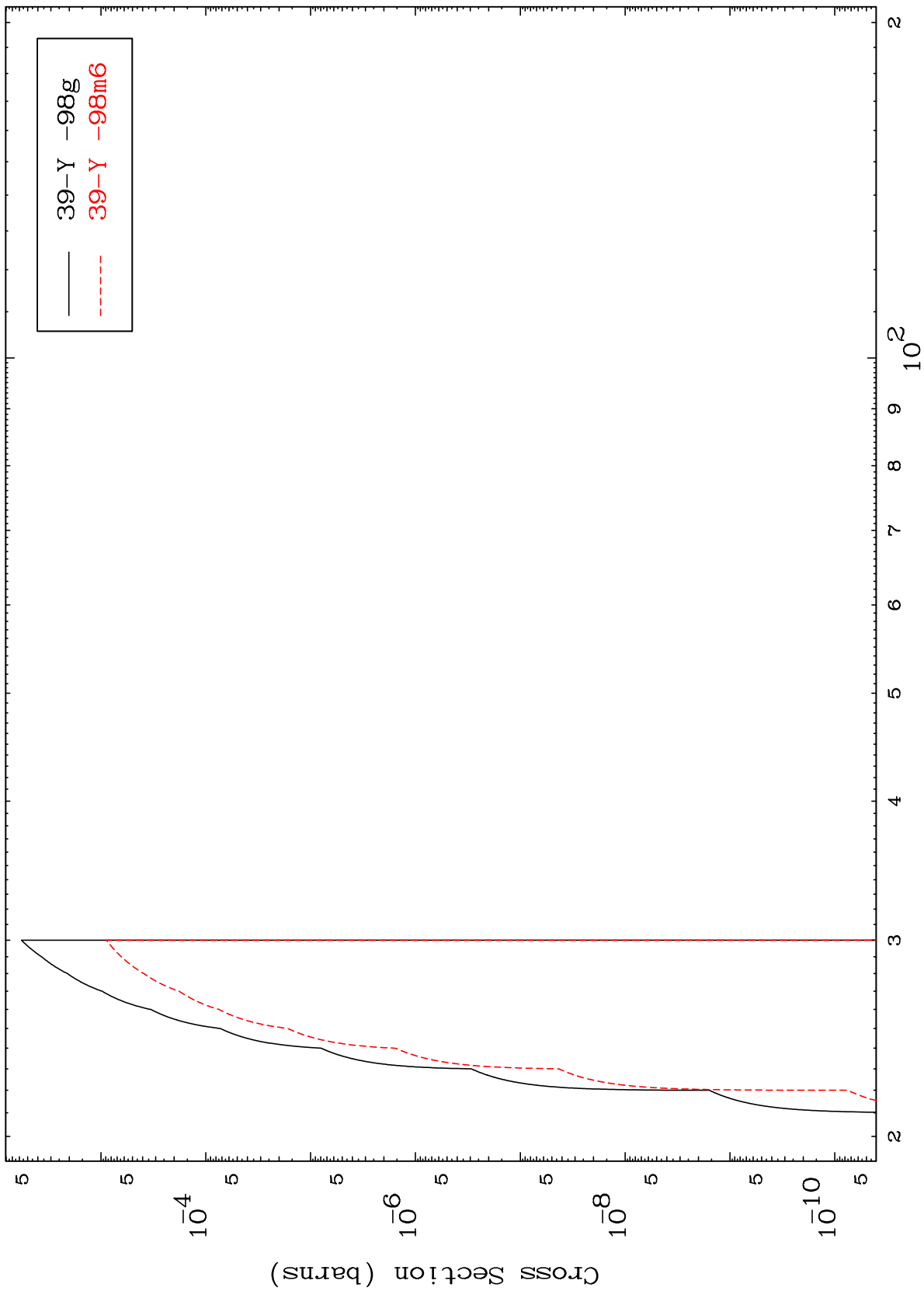
40-Zr-100

MAT 4055

(n,2n) p

40-Zr-100

Radionuclide Production Cross Section



128

Incident Energy (MeV)

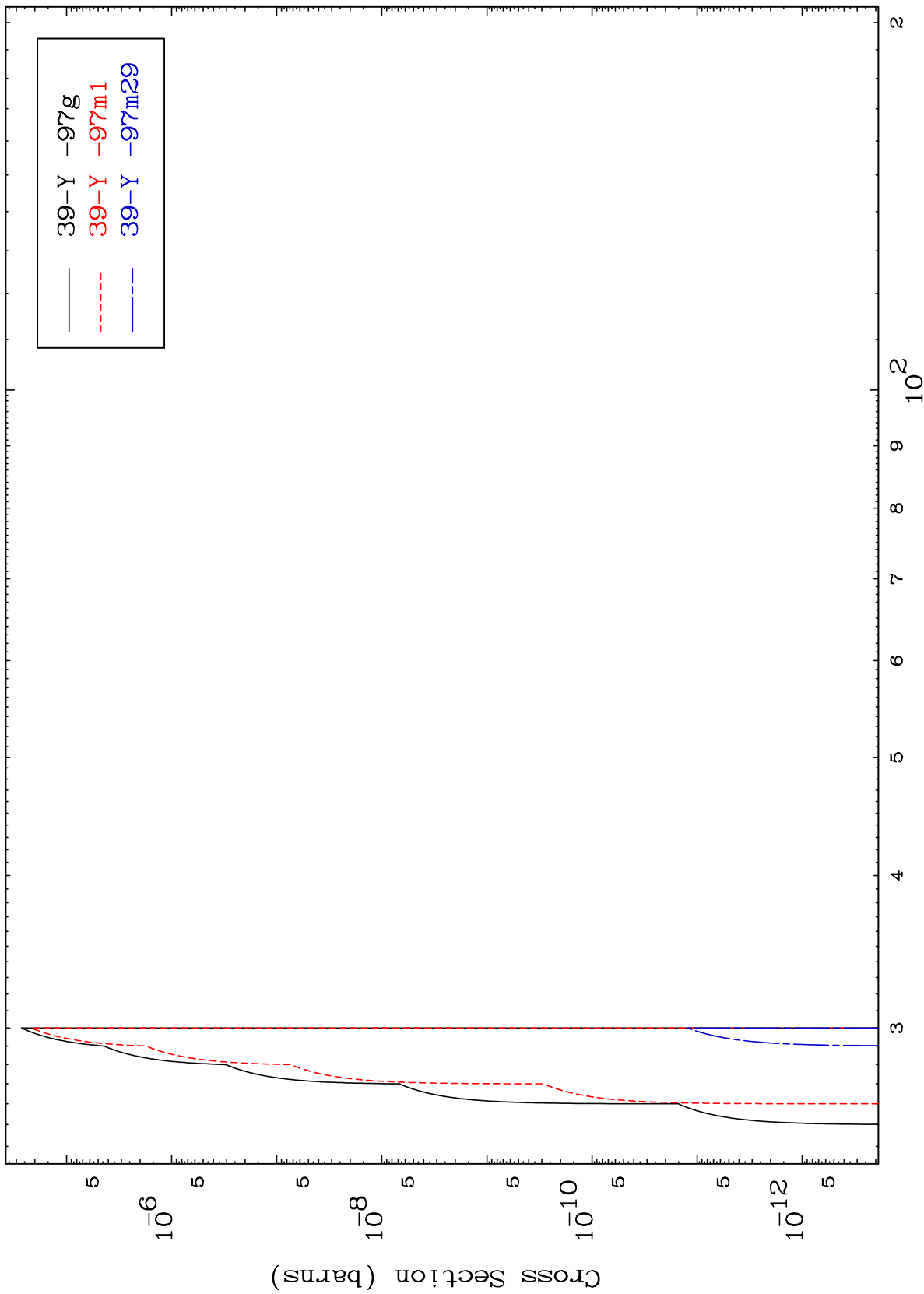
40-Zr-100

MAT 4055

(n,3n) p

40-Zr-100

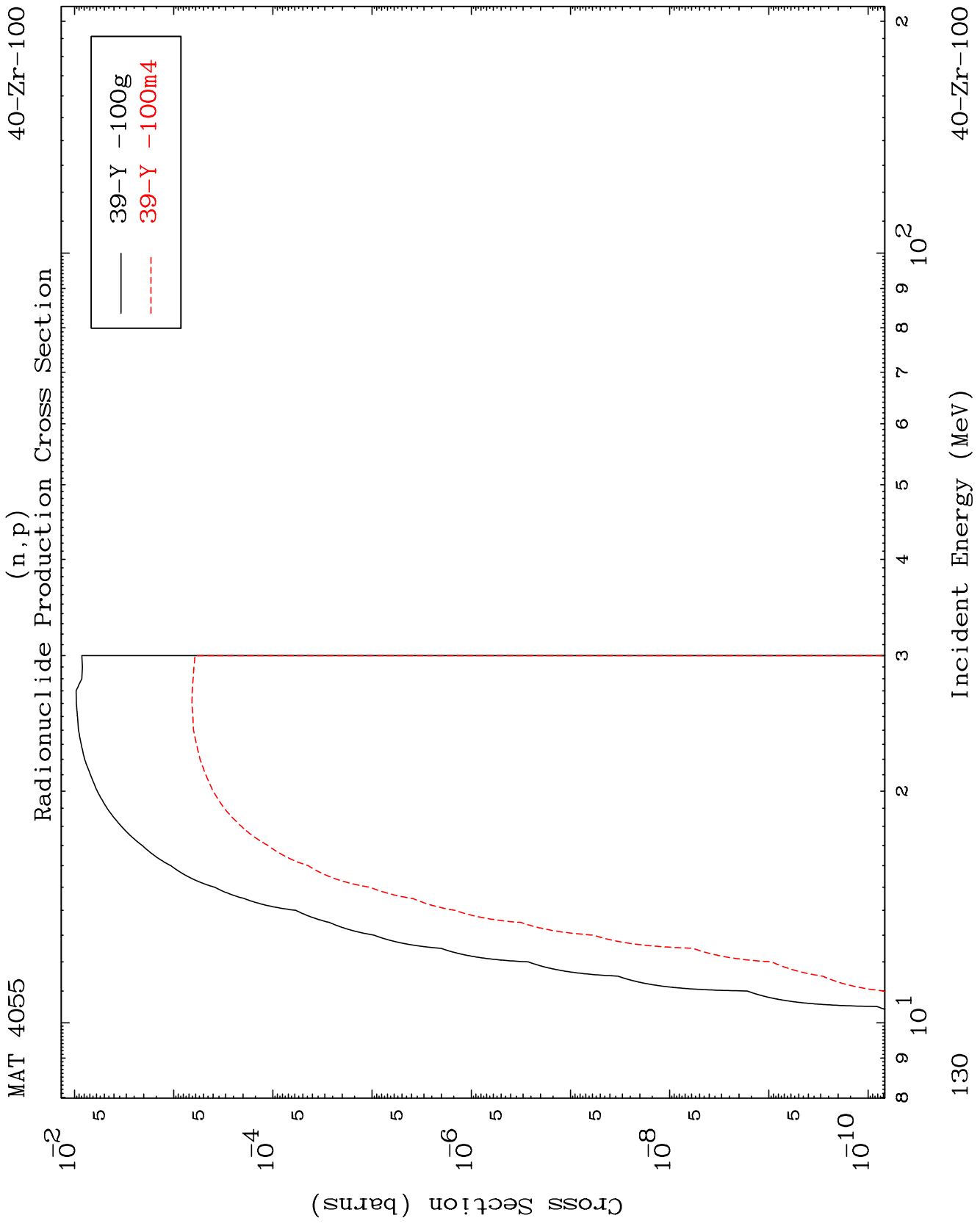
Radionuclide Production Cross Section



129

Incident Energy (MeV)

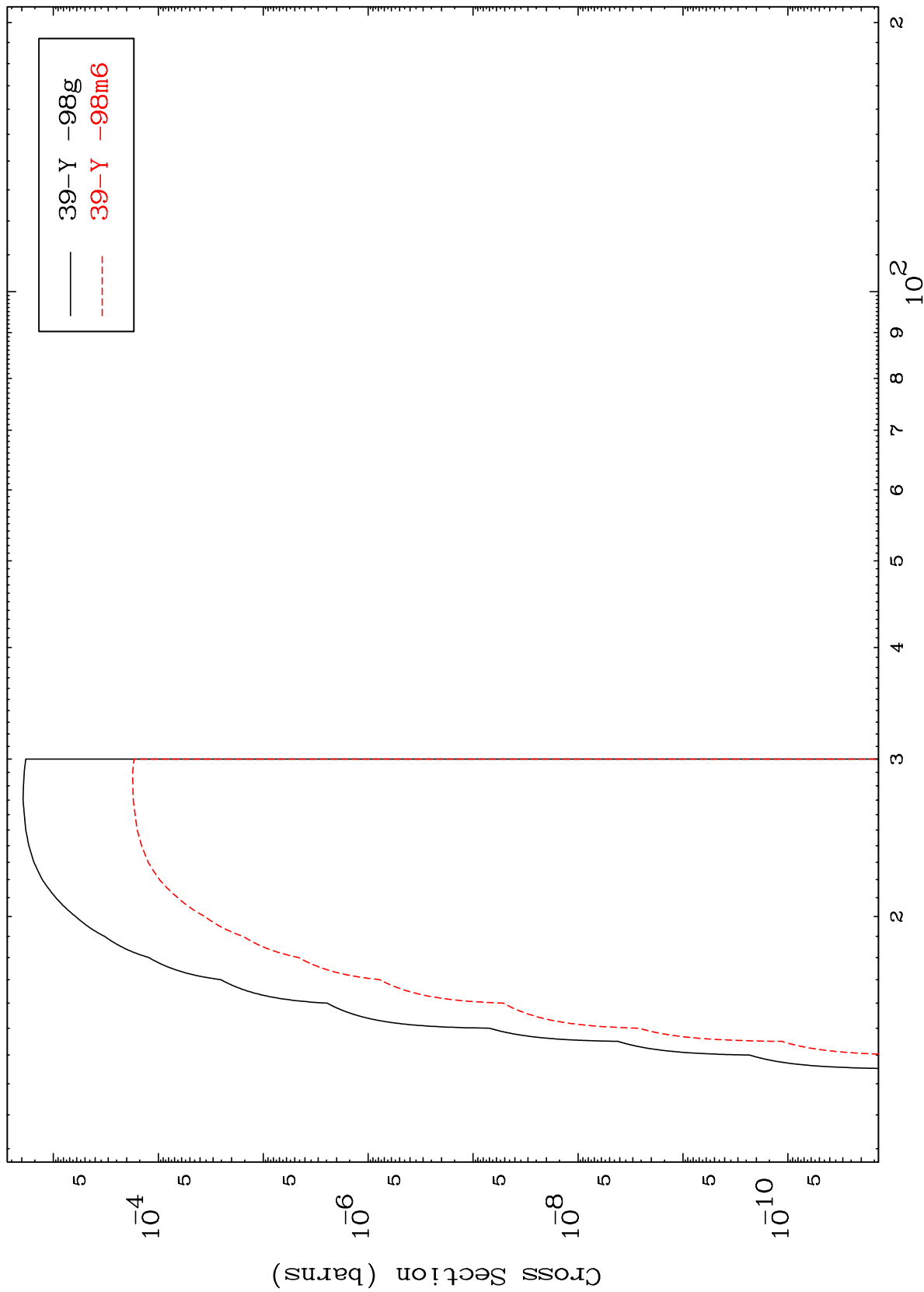
40-Zr-100



MAT 4055

40-Zr-100

(n, t)
Radionuclide Production Cross Section



131

Incident Energy (MeV)

40-Zr-100