

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

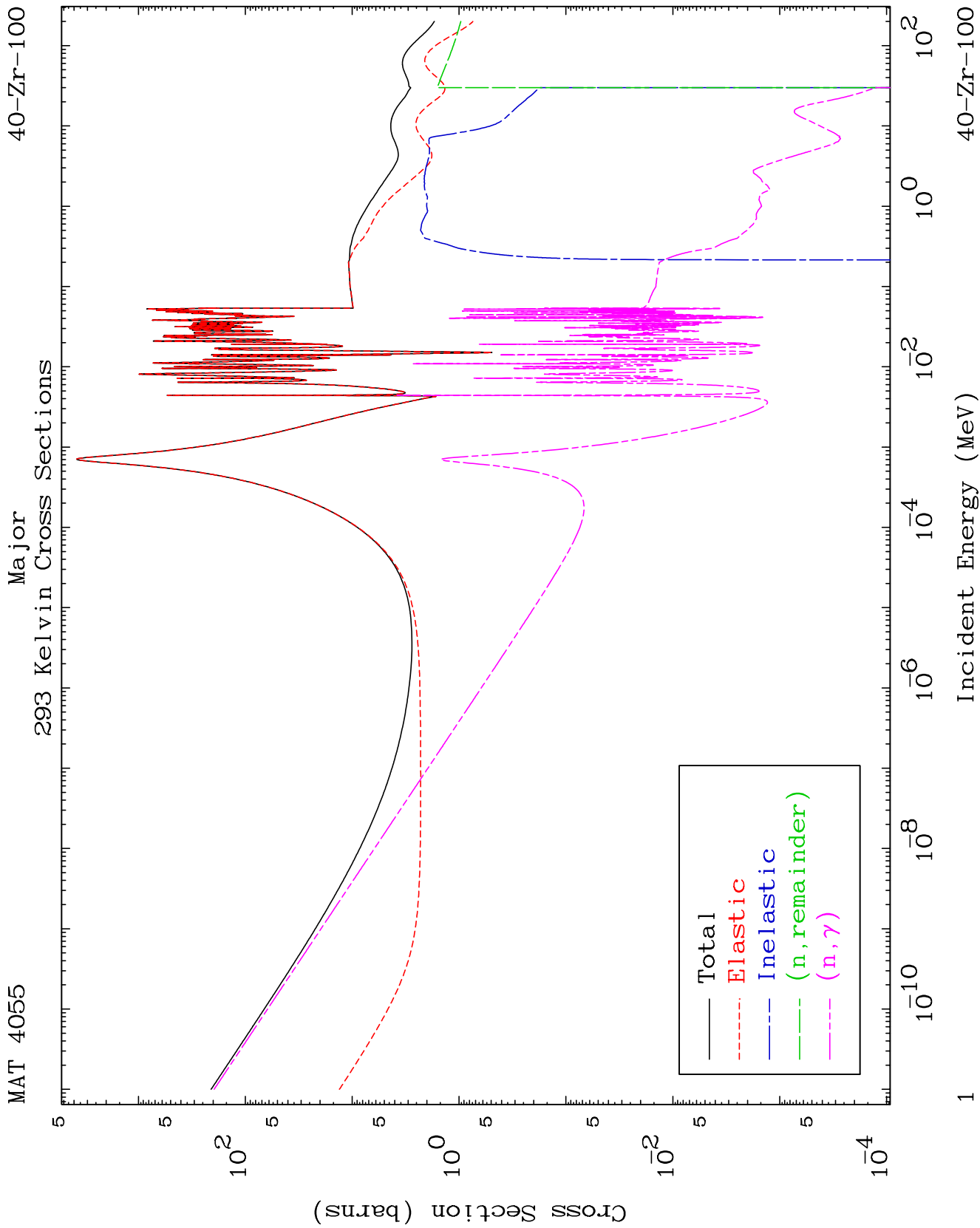
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

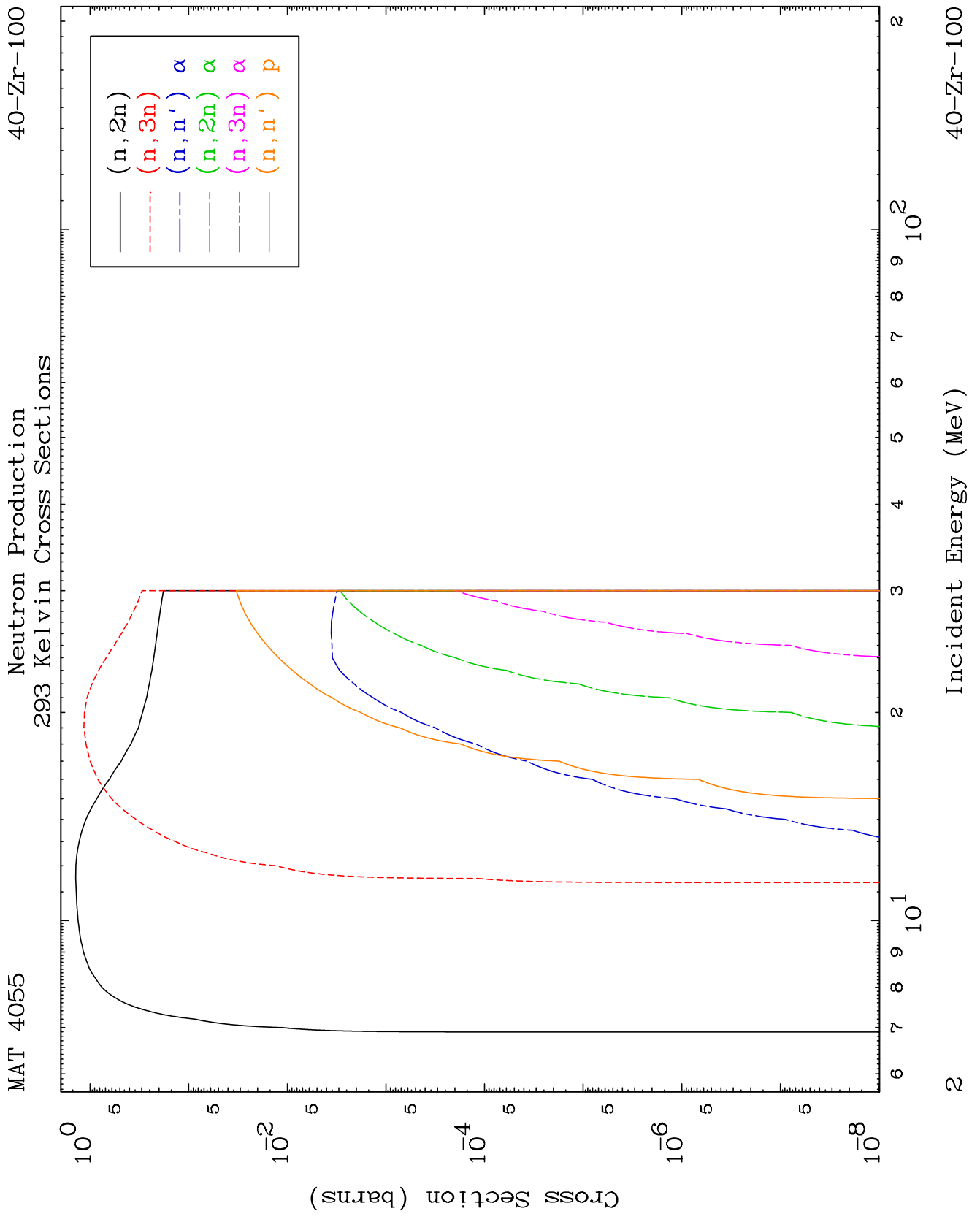
Tele: 925-443-1911

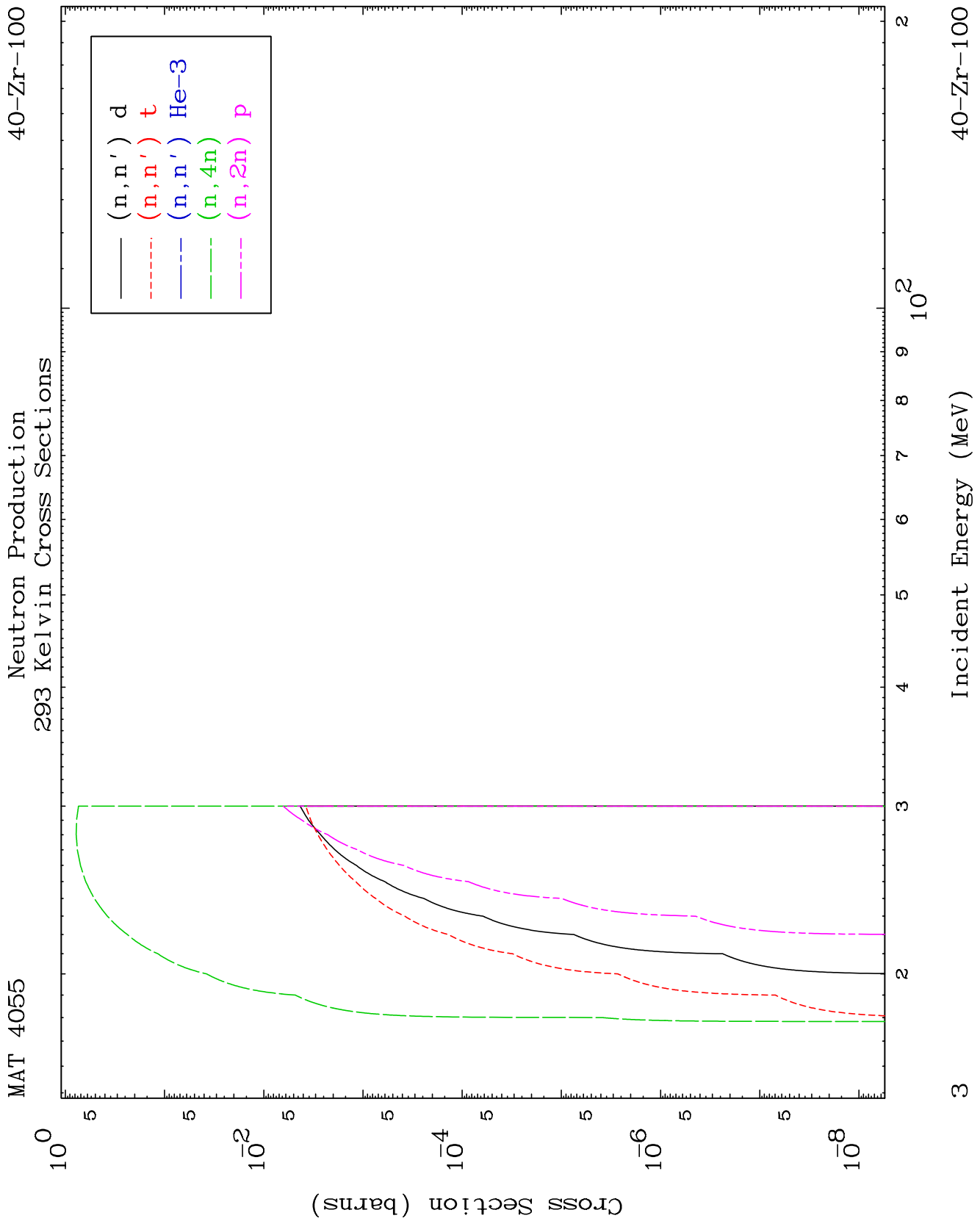
E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



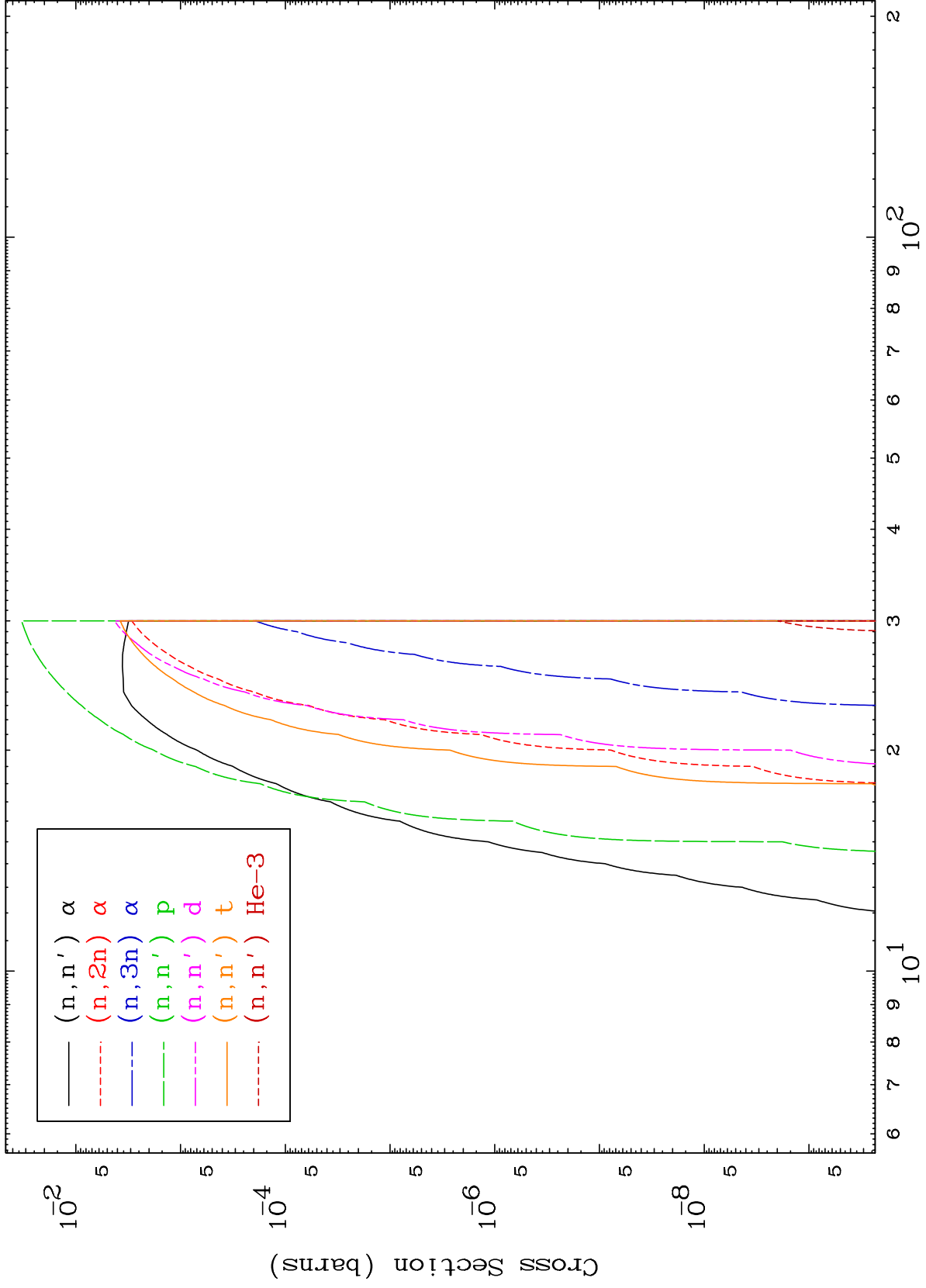




MAT 4055

Charged Particle
293 Kelvin Cross Sections

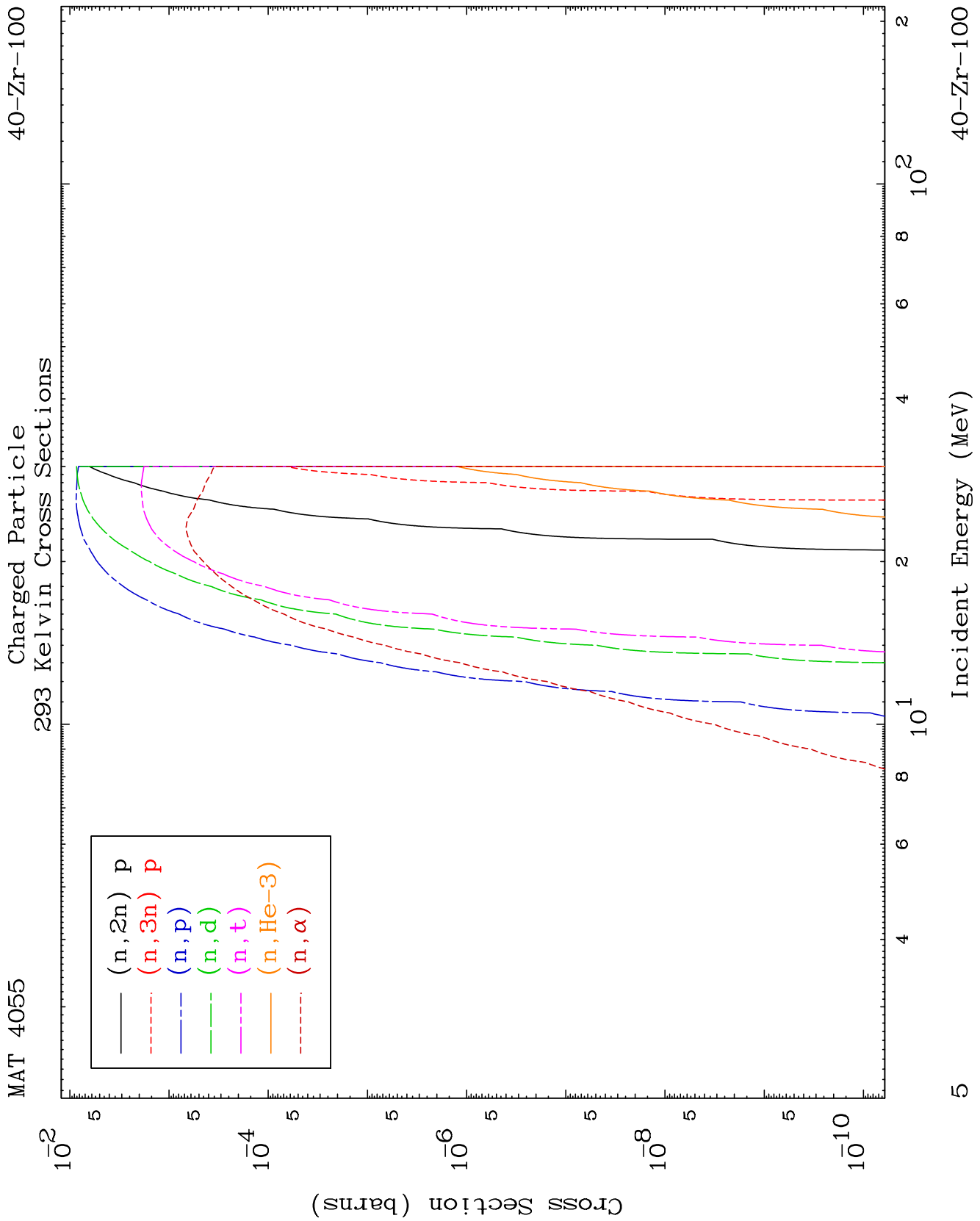
40-Zr-100



4

Incident Energy (MeV)

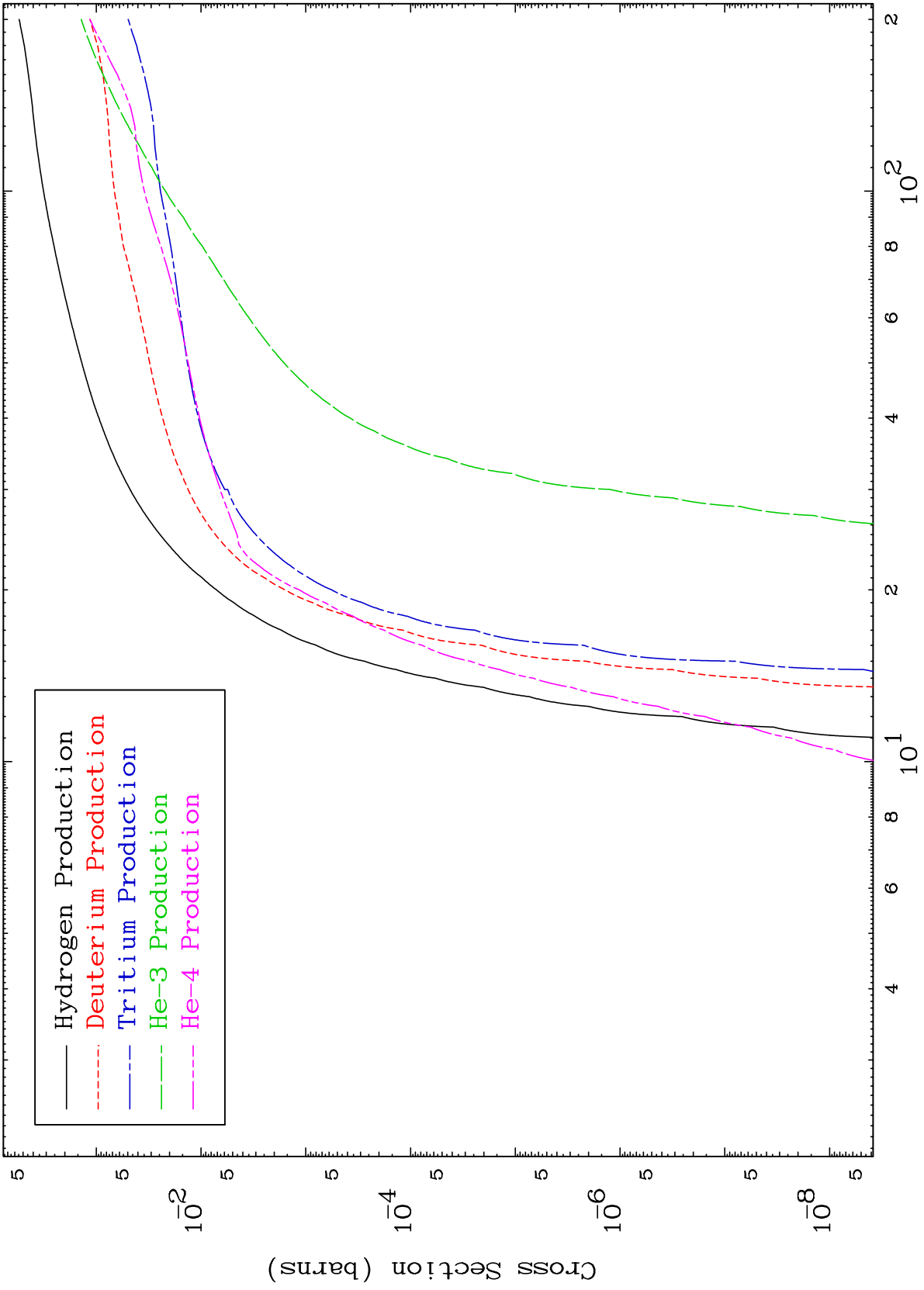
40-Zr-100



MAT 4055

Particle Production
293 Kelvin Cross Sections

40-Zr-100



6

Incident Energy (MeV)

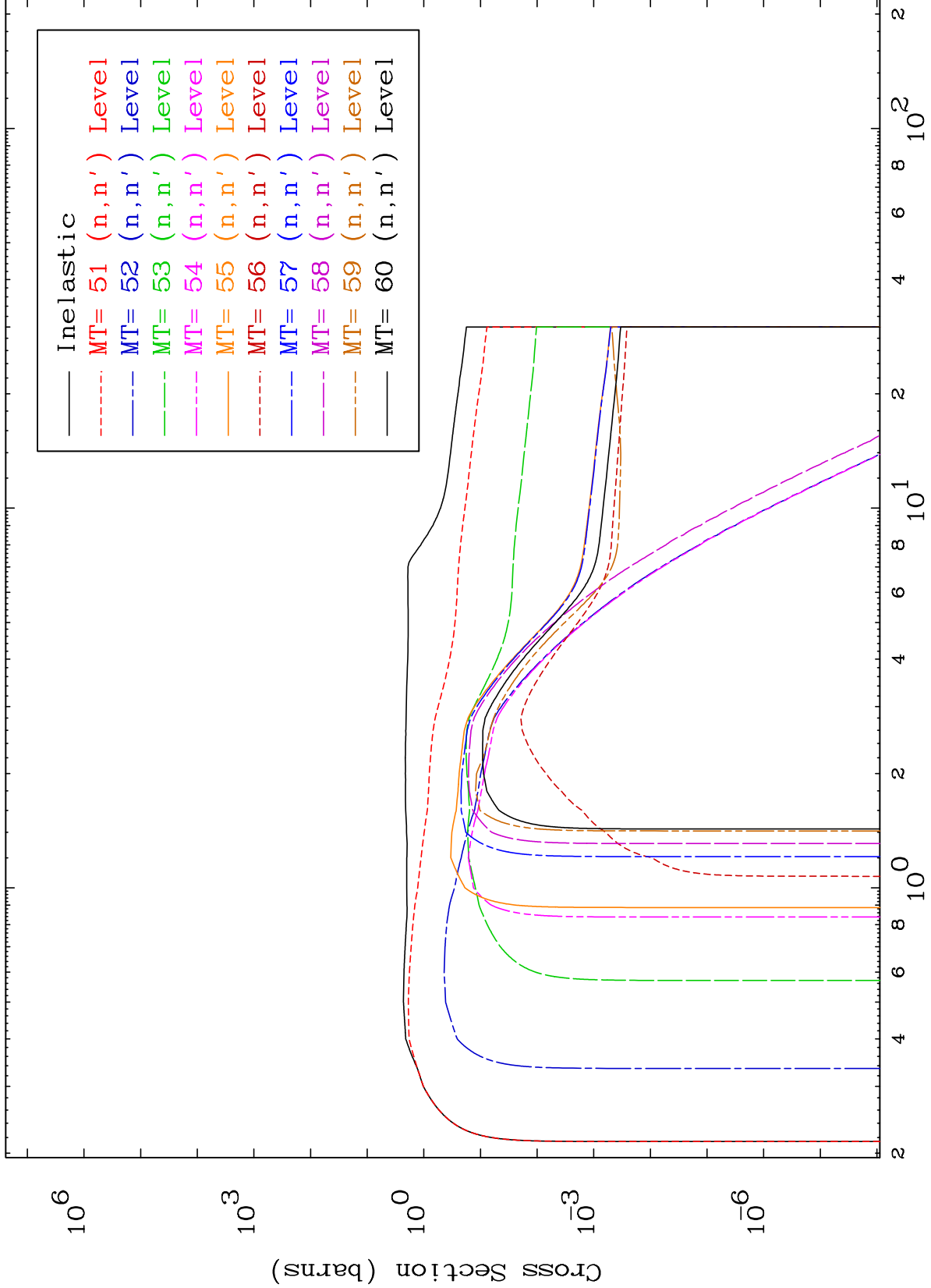
40-Zr-100

MAT 4055

(n,n') Level

40-Zr-100

293 Kelvin Cross Sections

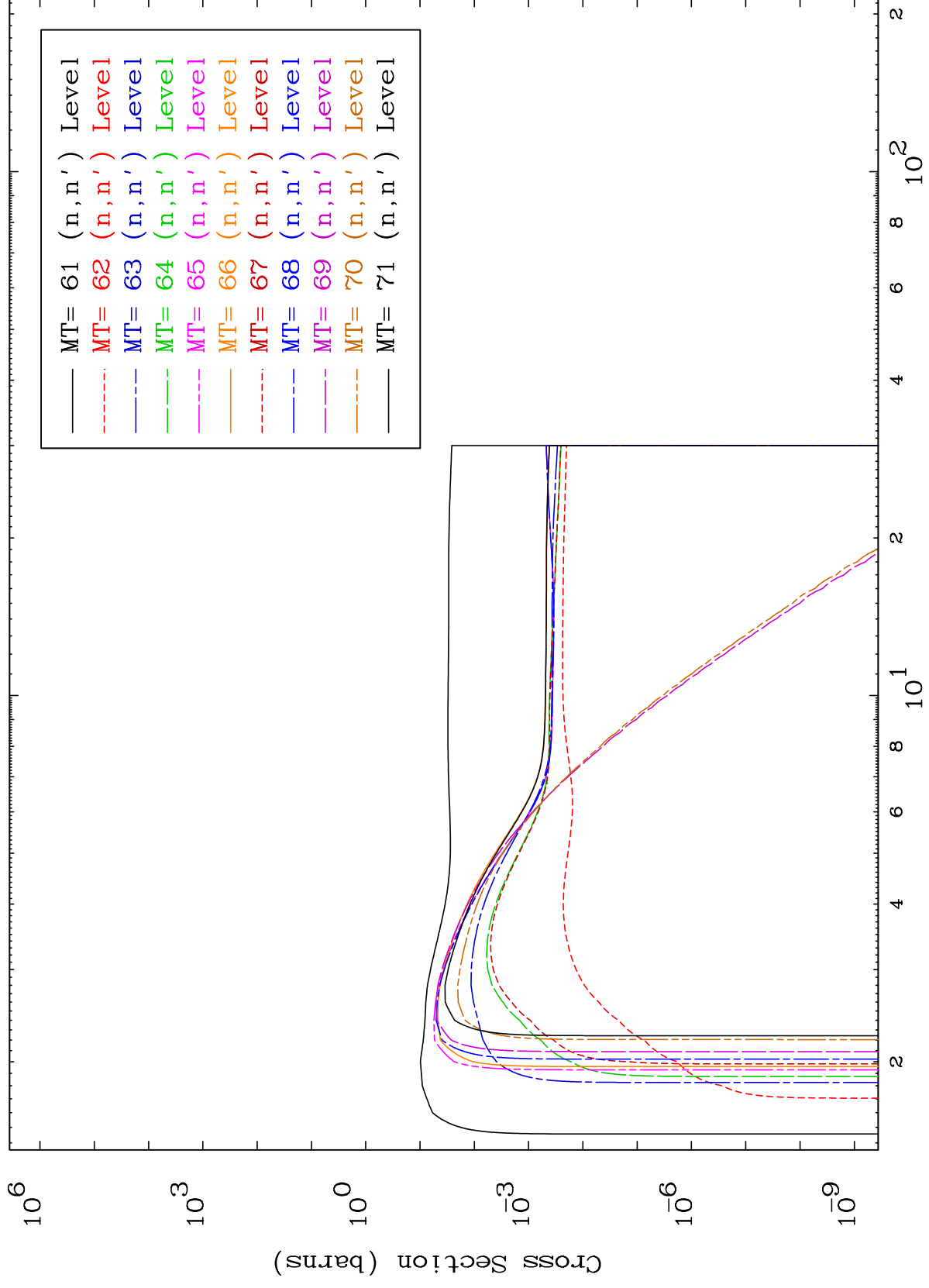


MAT 4055

(n,n') Level

40-Zr-100

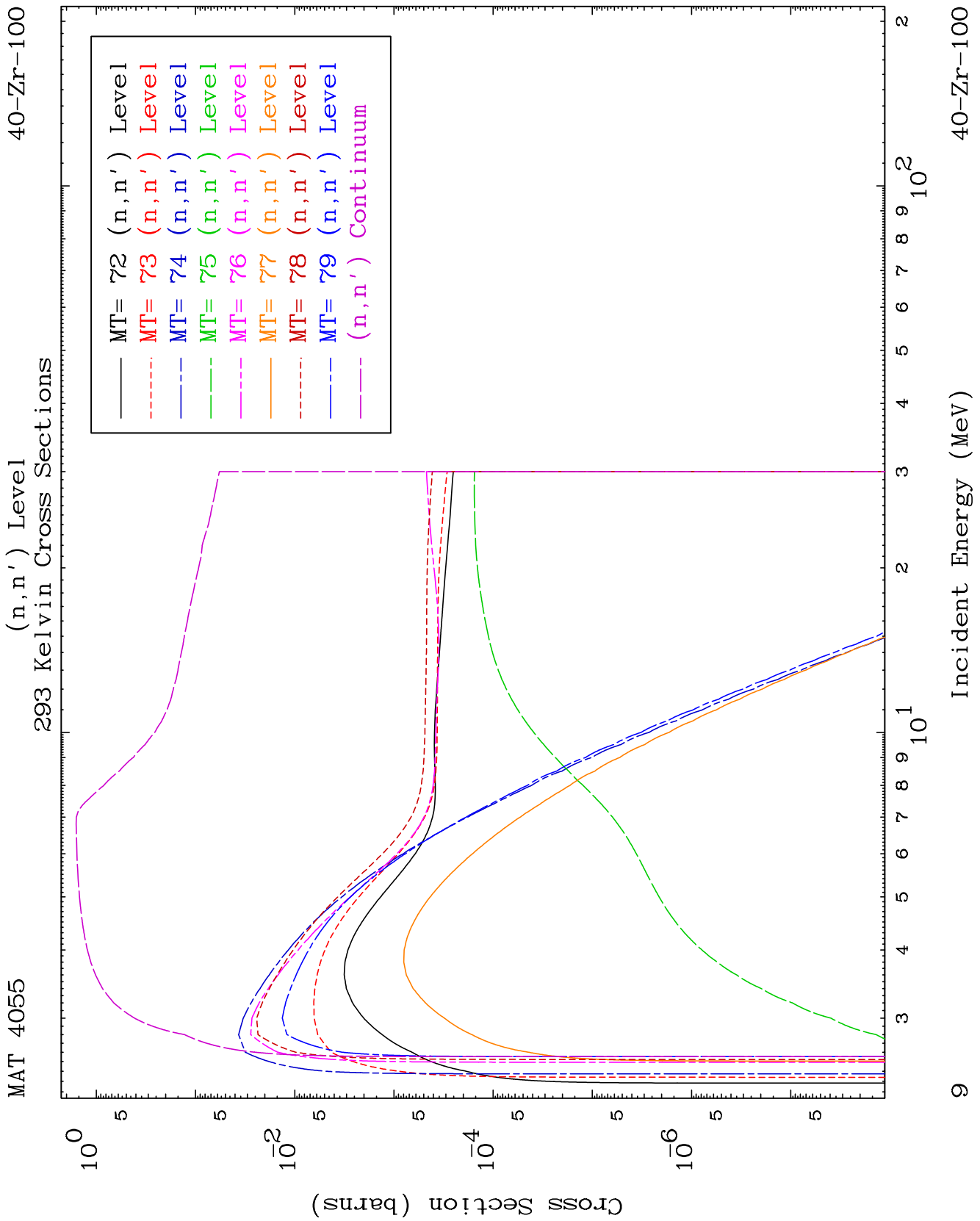
293 Kelvin Cross Sections

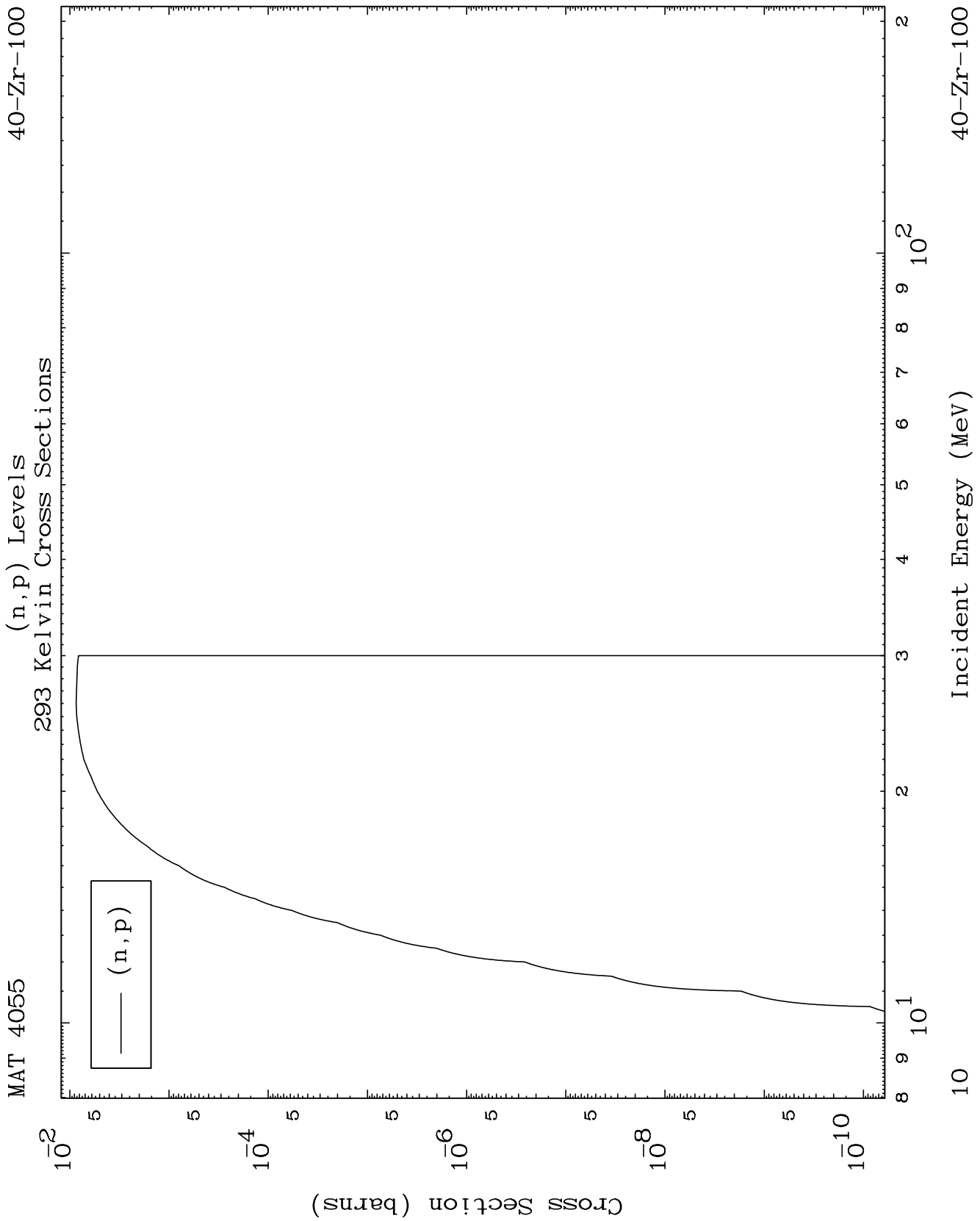


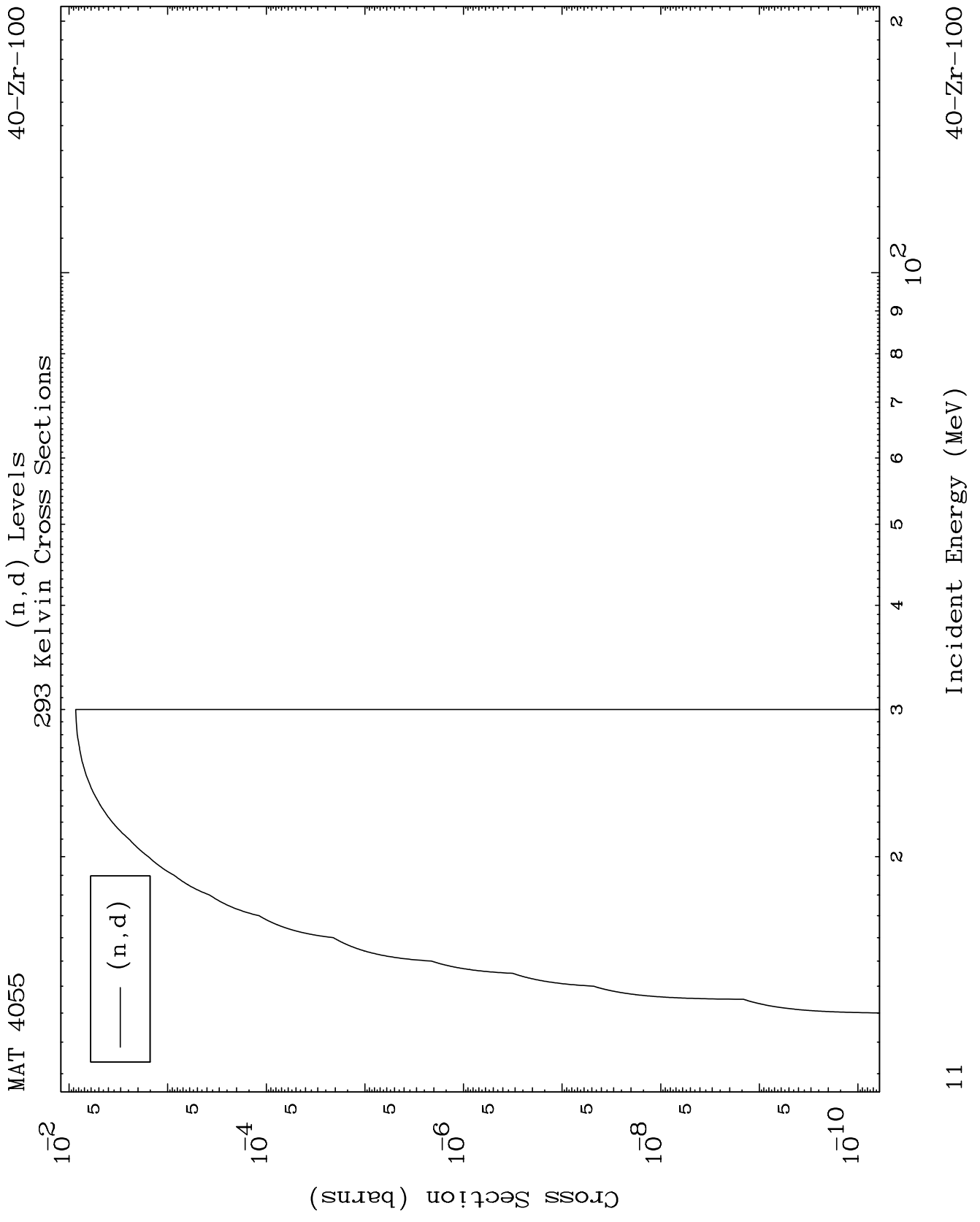
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Incident Energy (MeV)

40-Zr-100



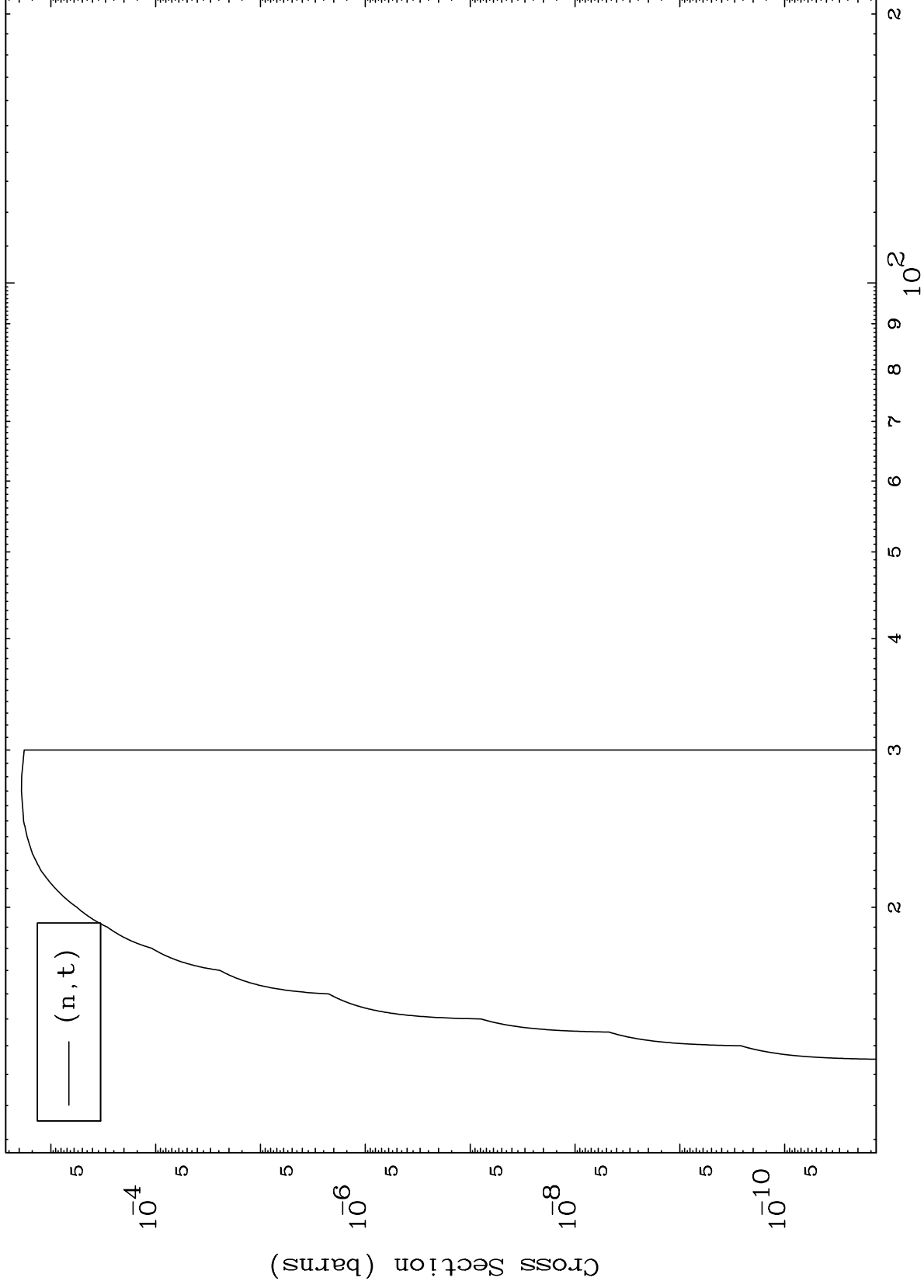




MAT 4055

(n,t) Levels
293 Kelvin Cross Sections

40-Zr-100



12

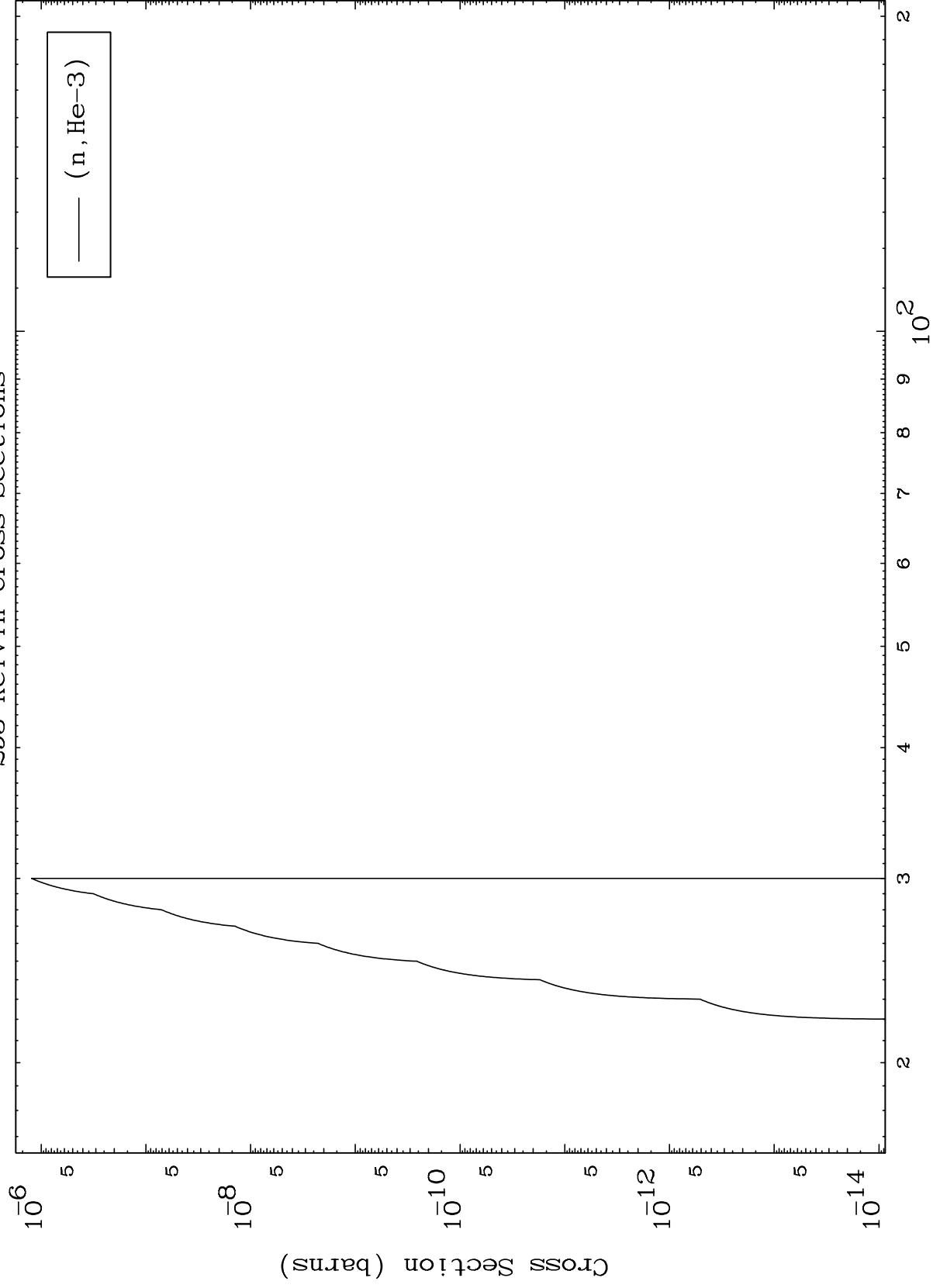
Incident Energy (MeV)

40-Zr-100

MAT 4055

(n,He3) Levels
293 Kelvin Cross Sections

40-Zr-100



13

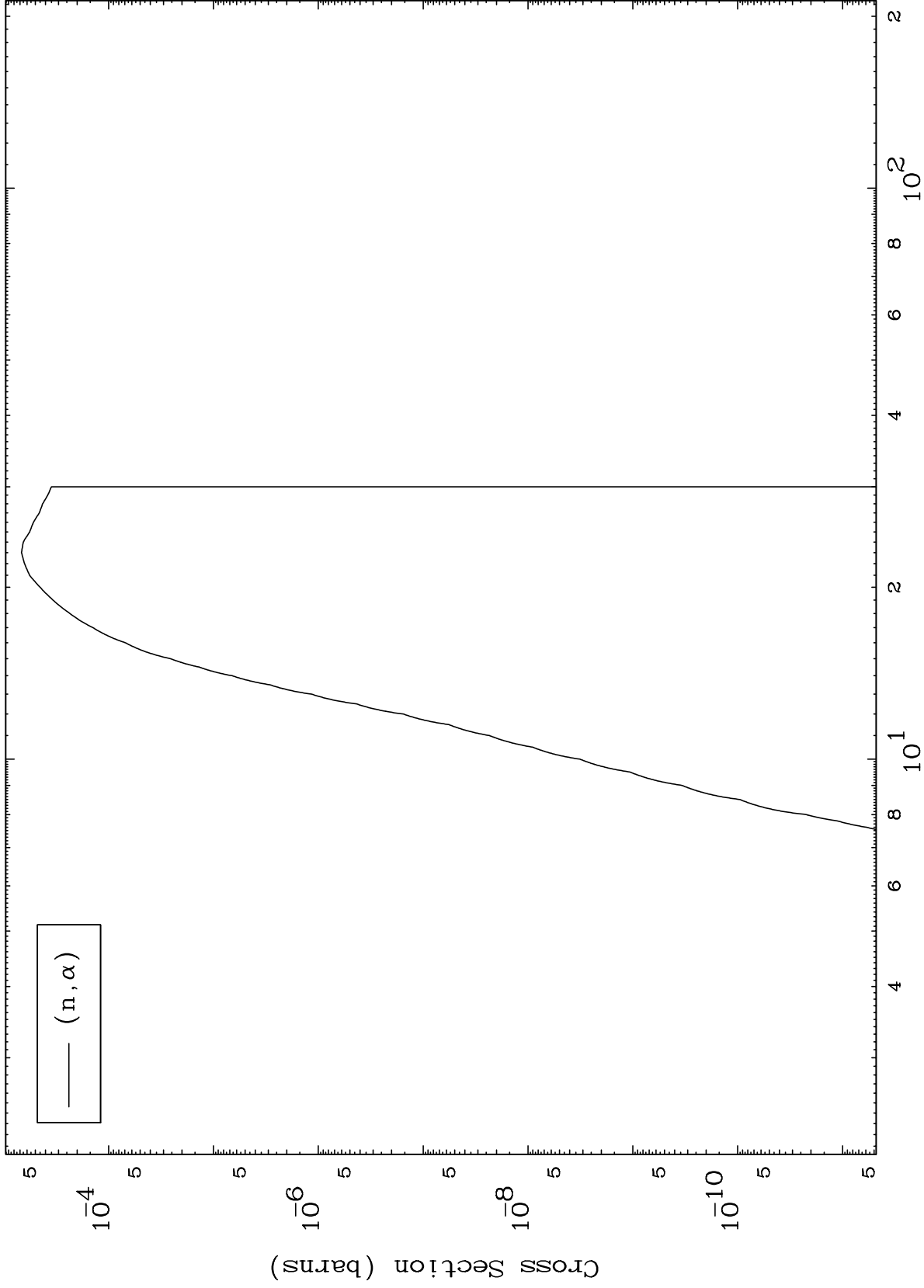
Incident Energy (MeV)

40-Zr-100

MAT 4055

(n, α) Levels
293 Kelvin Cross Sections

40-Zr-100



14

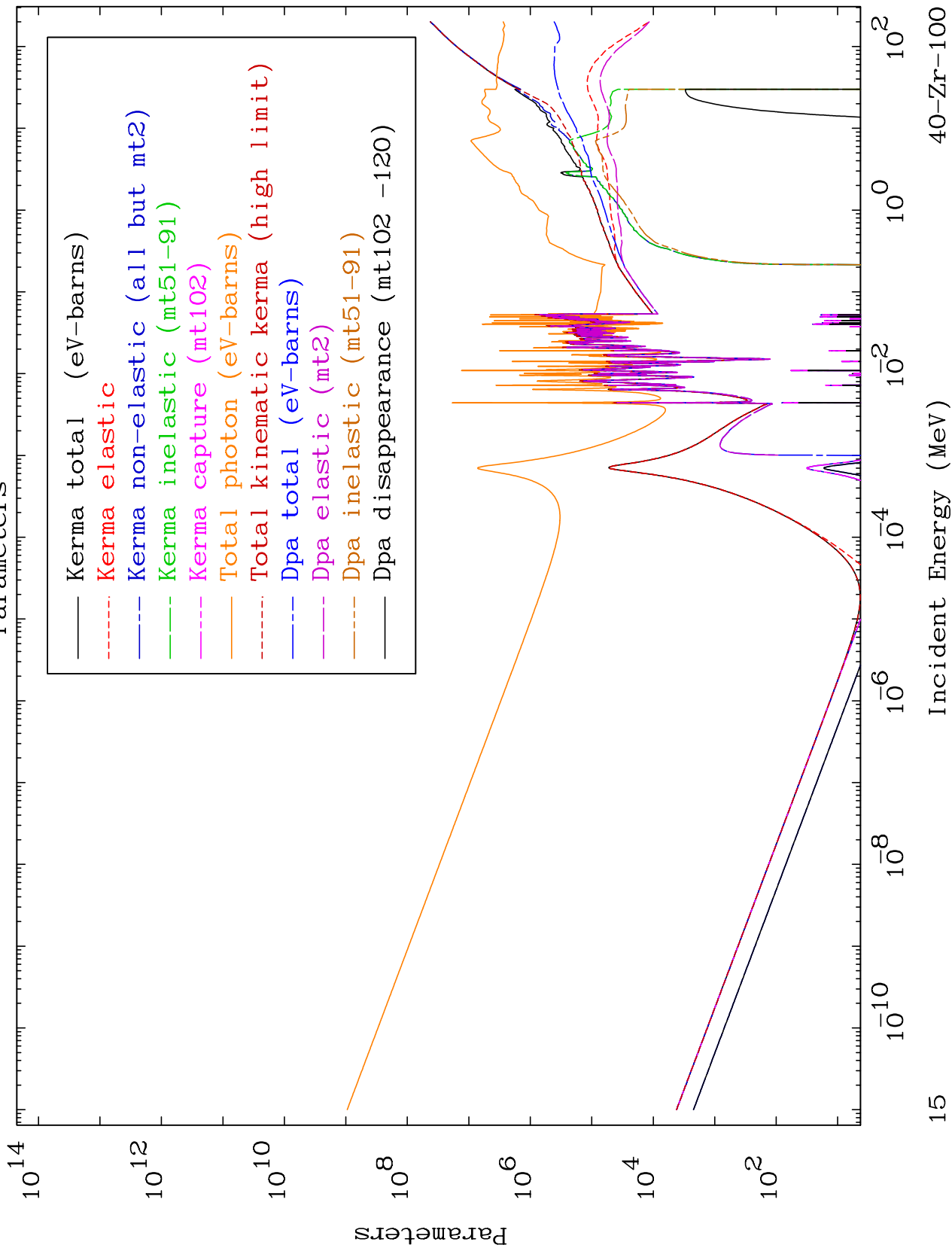
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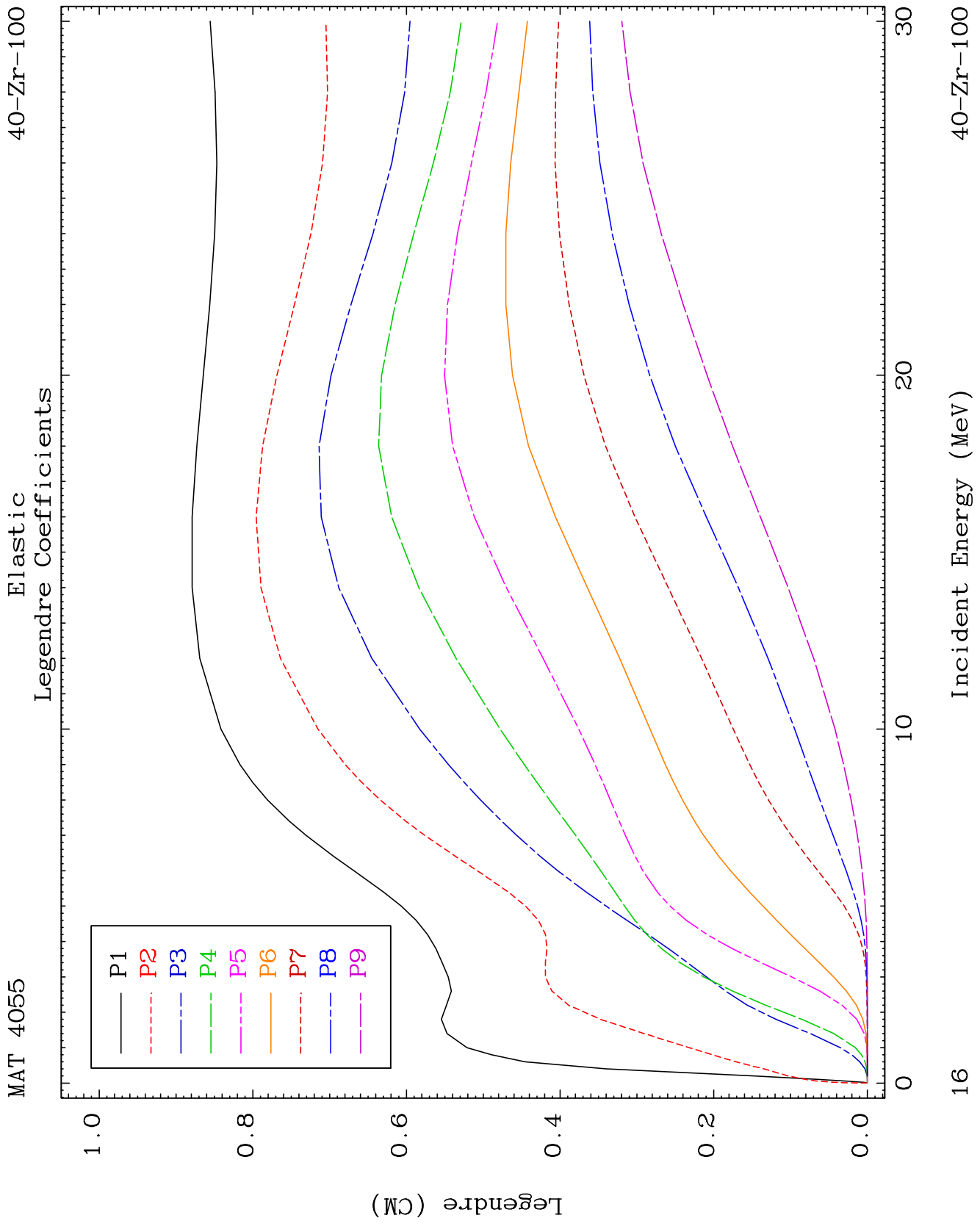
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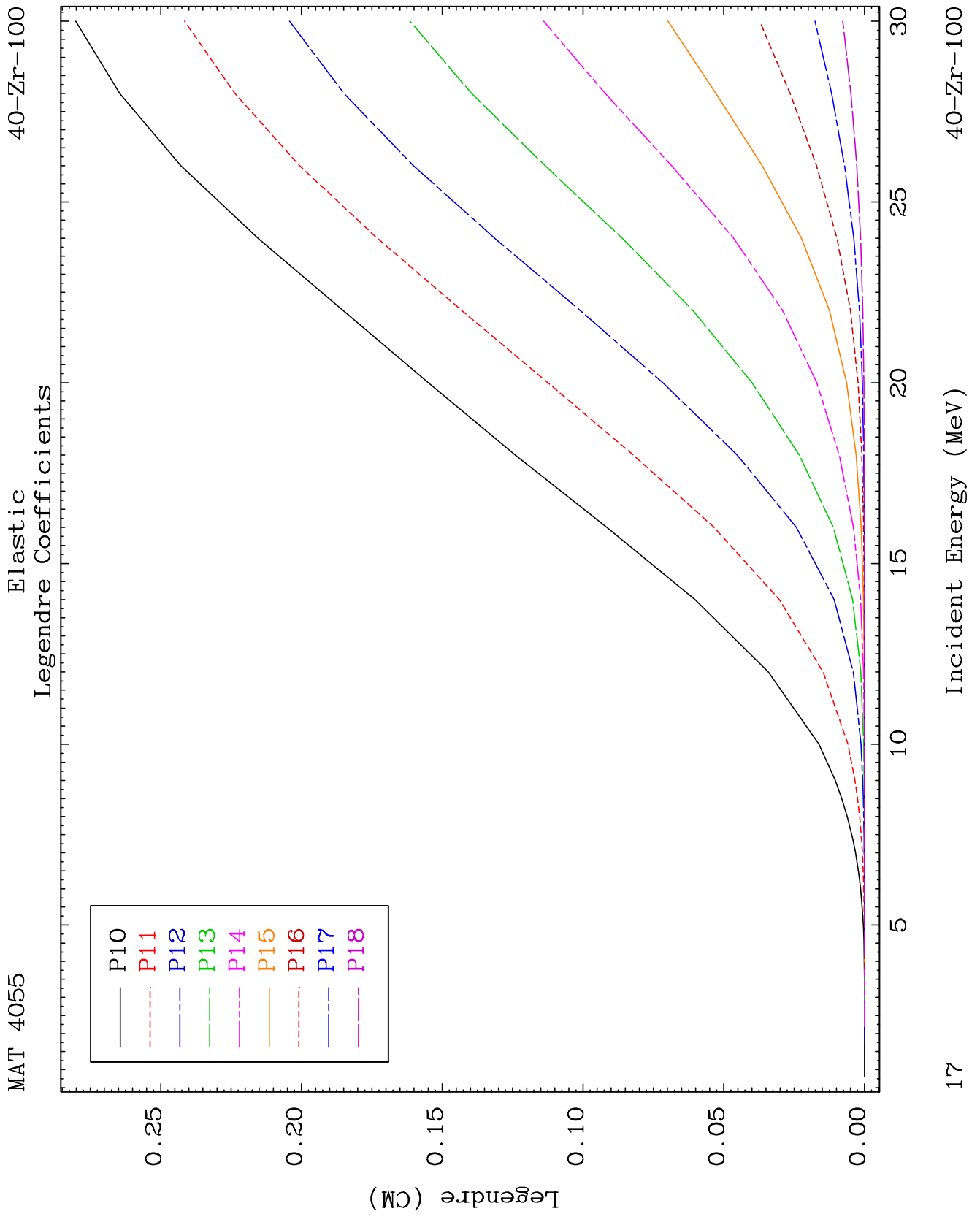
MAT 4055

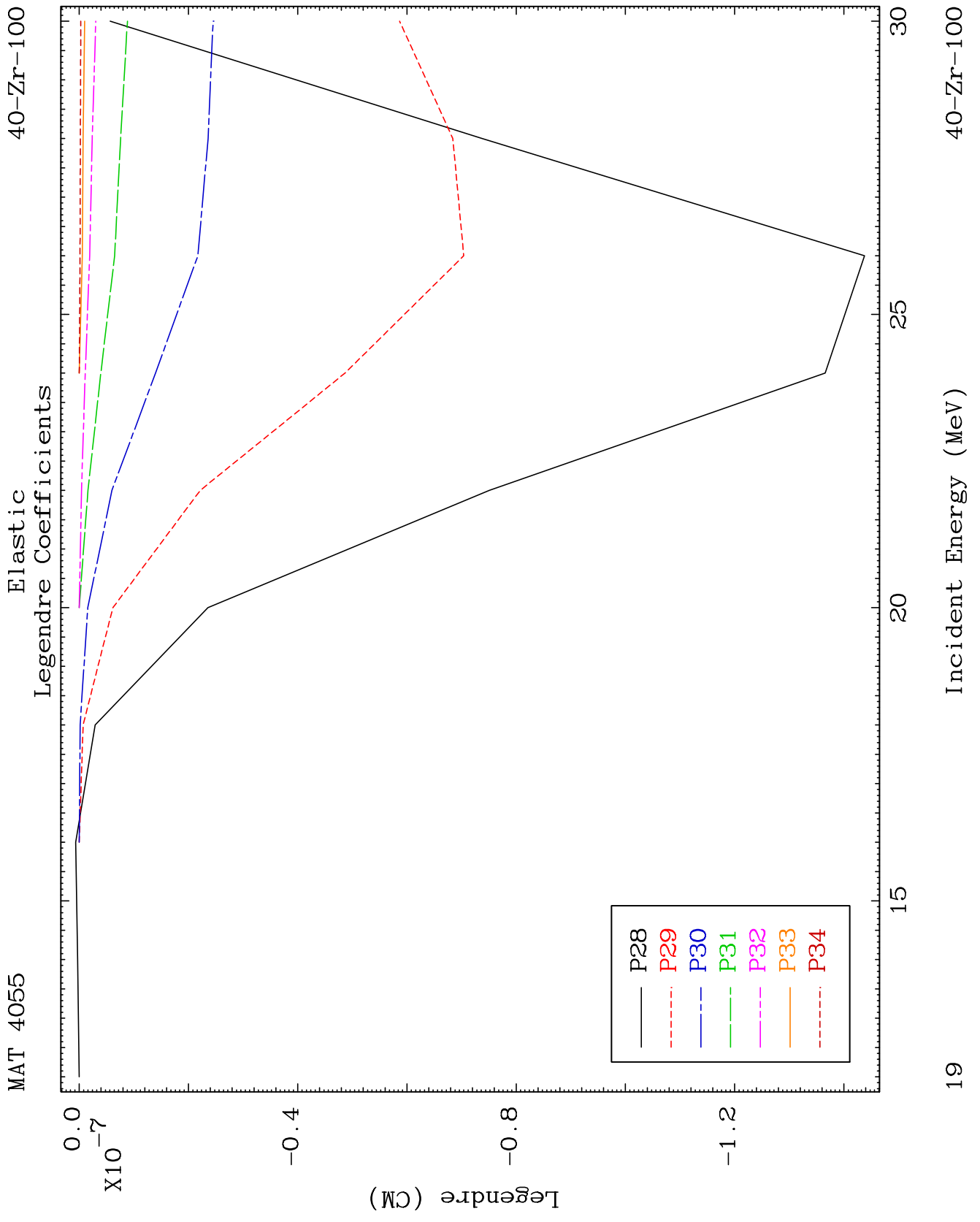
Energy Release
Parameters

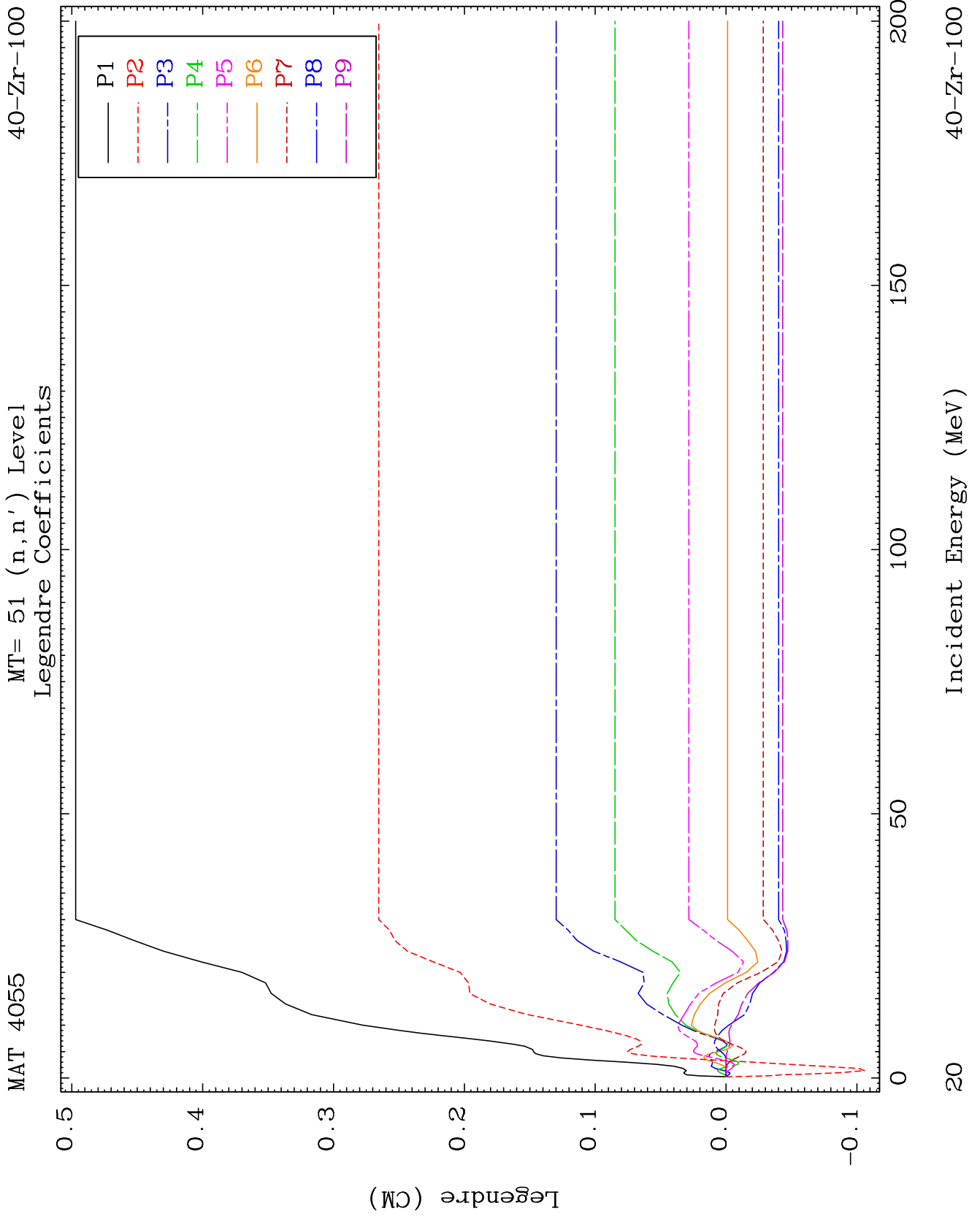
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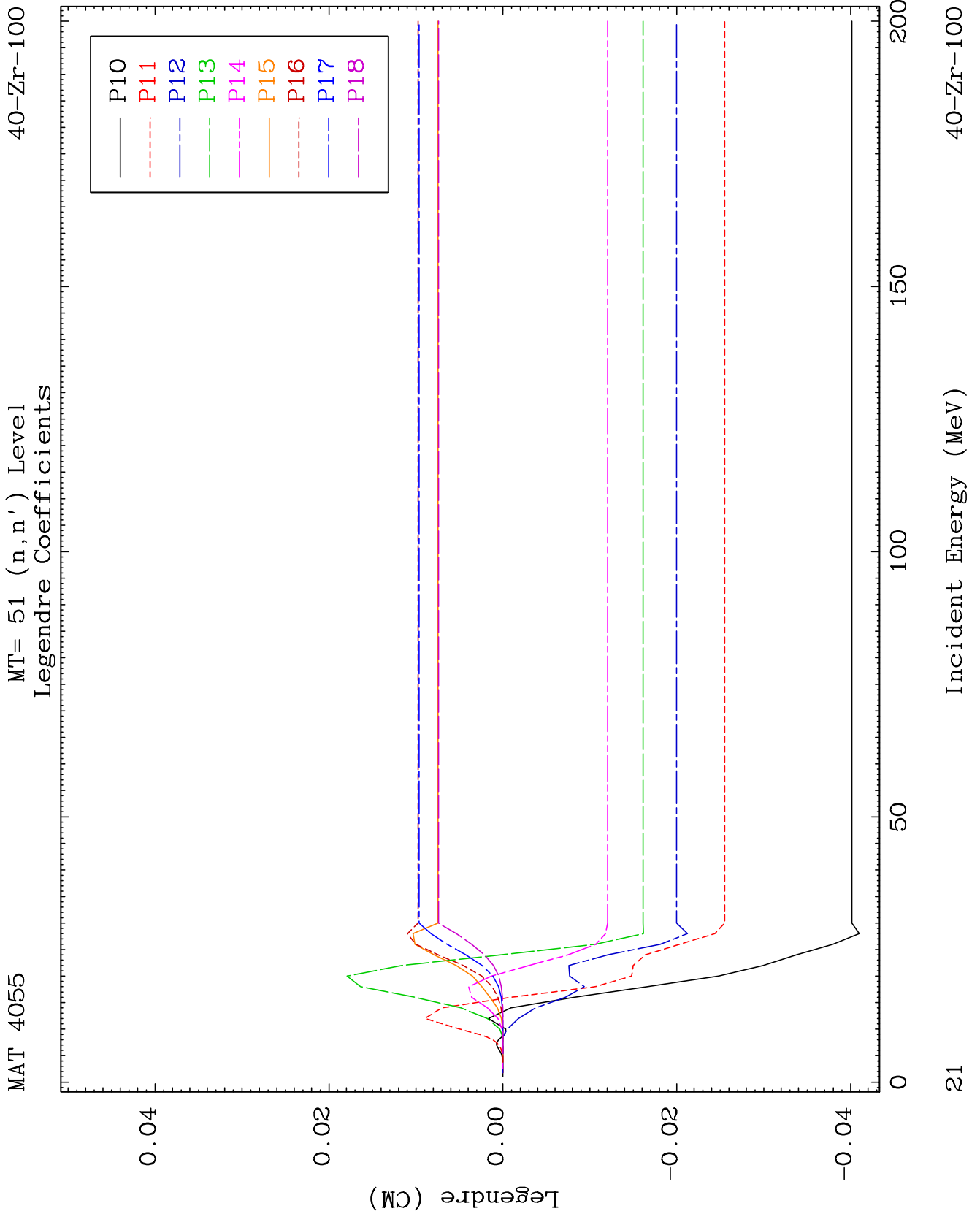


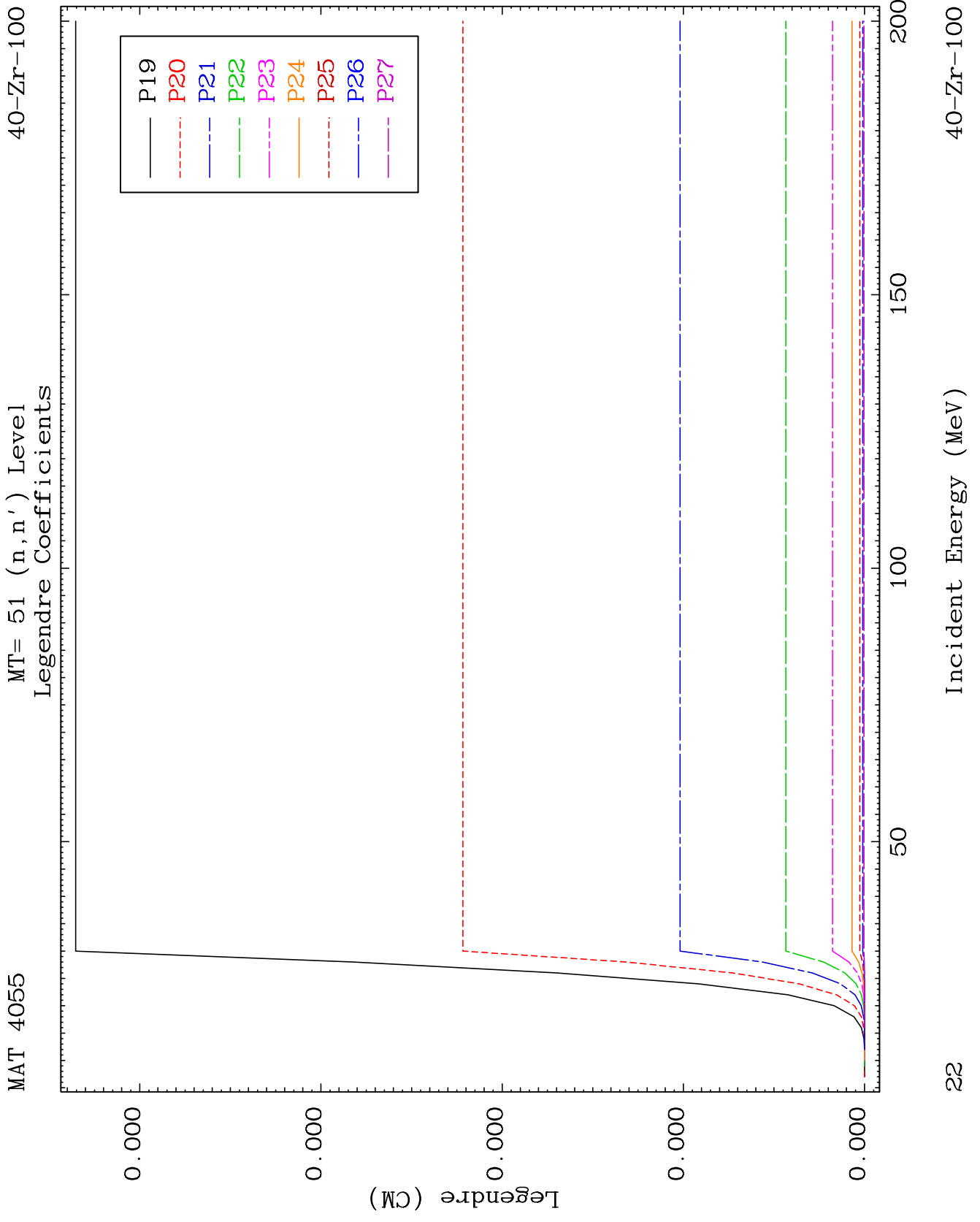


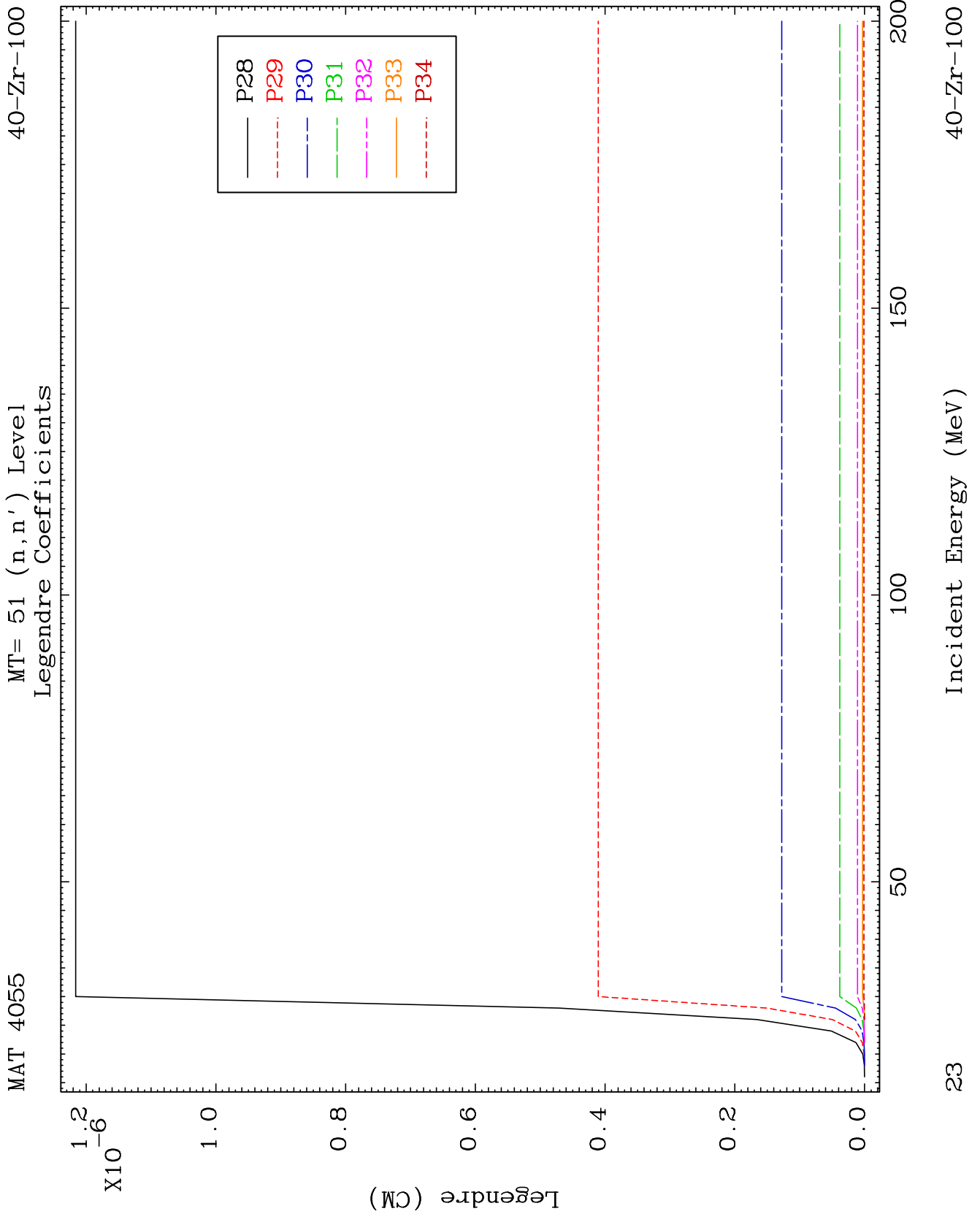


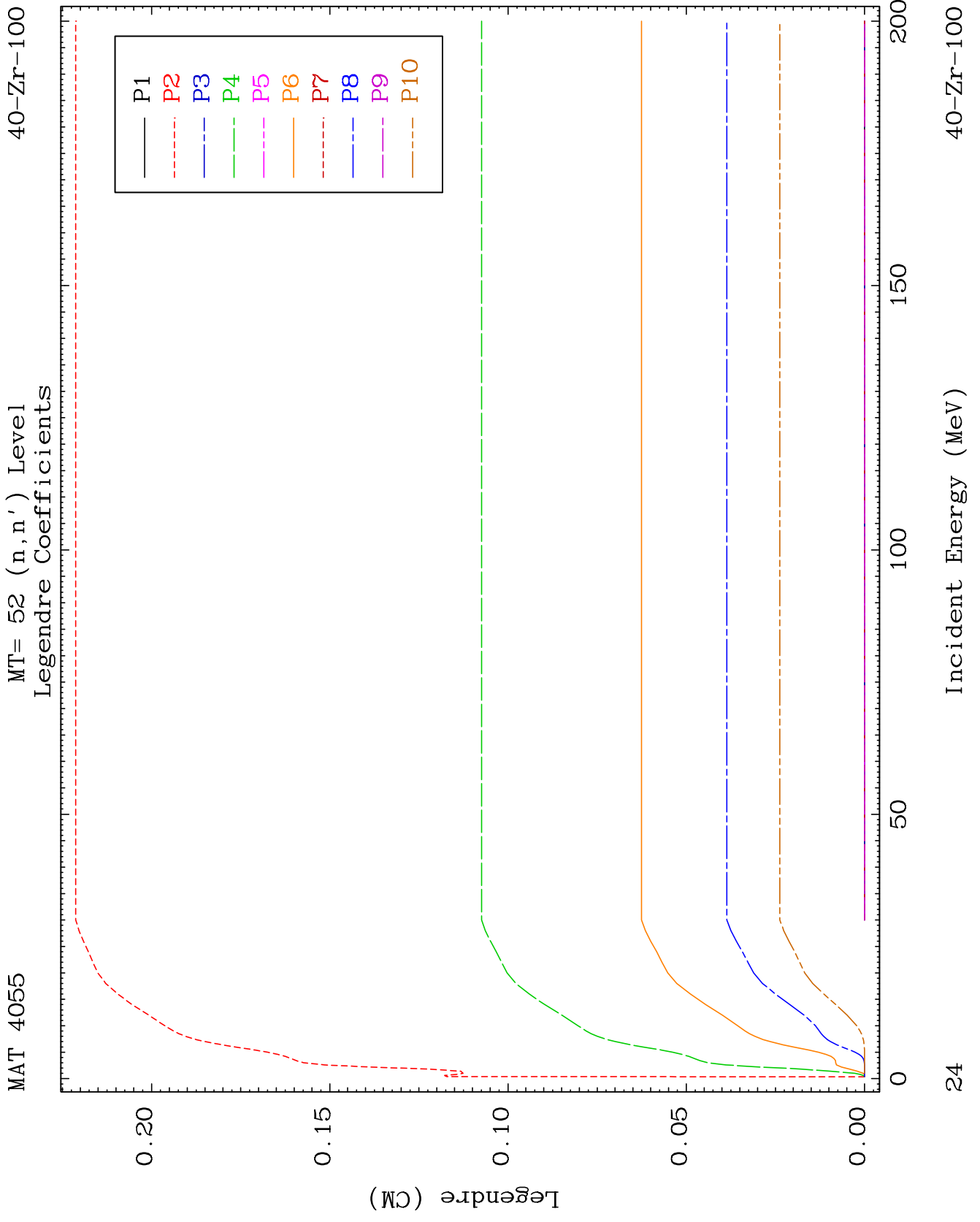


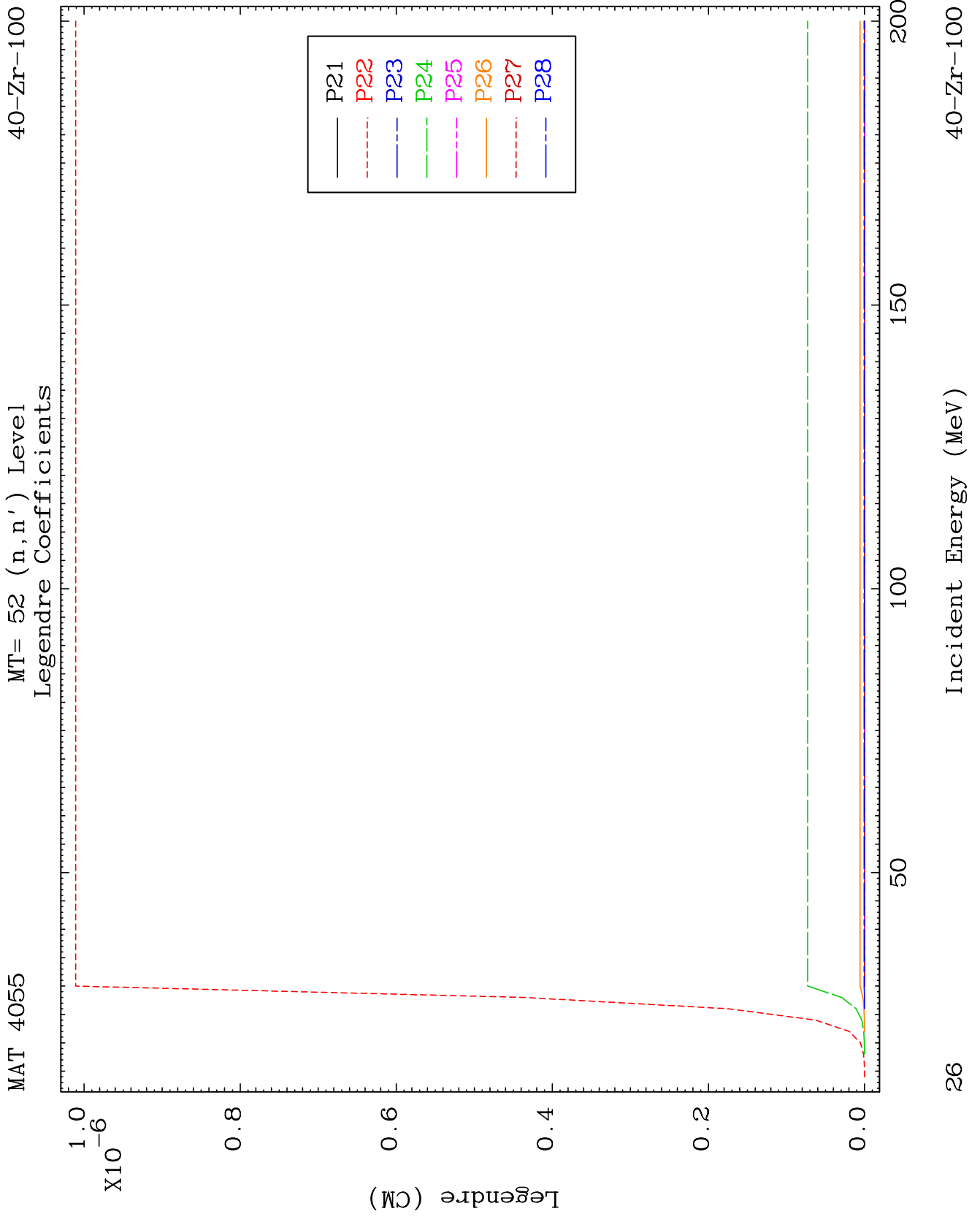


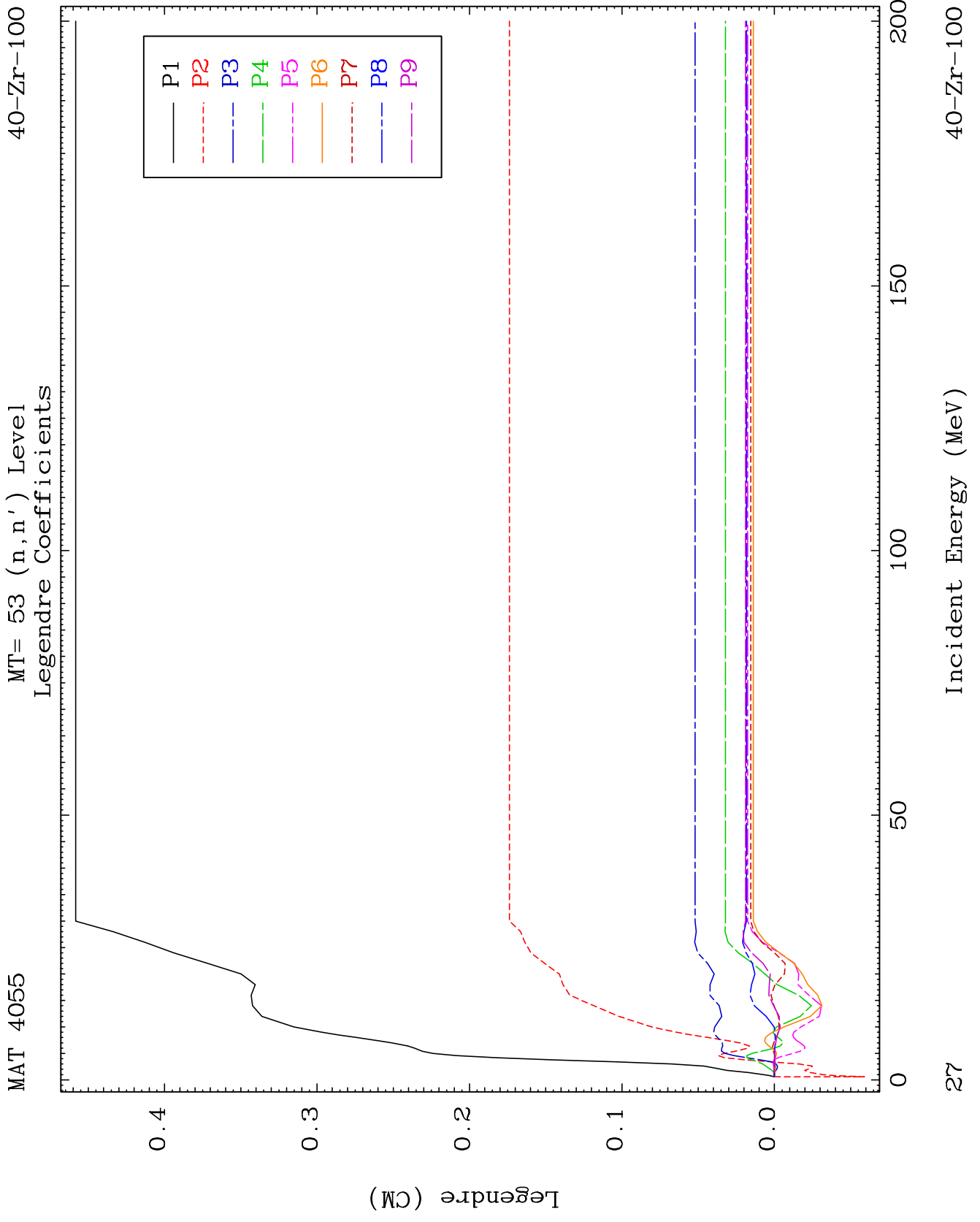


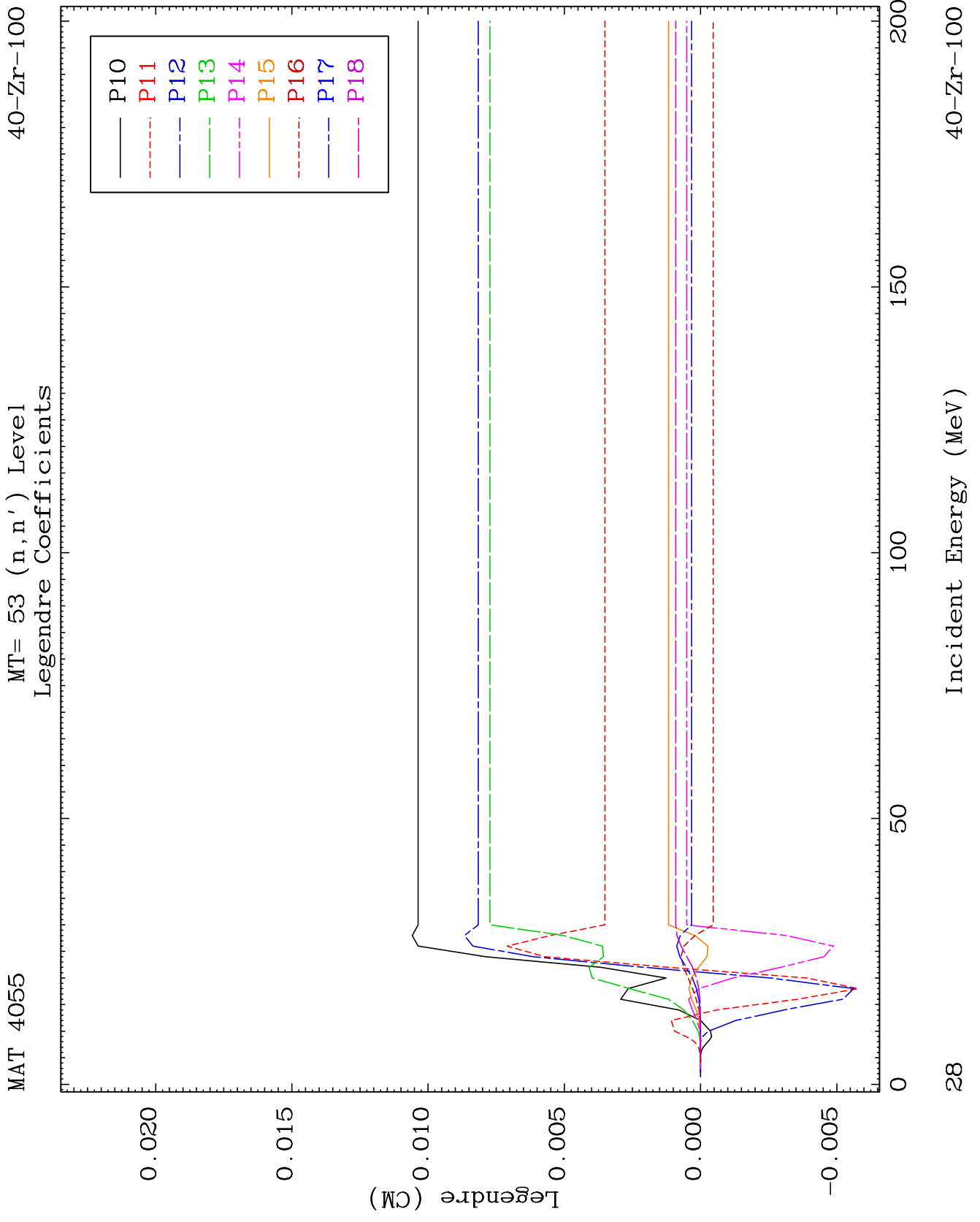


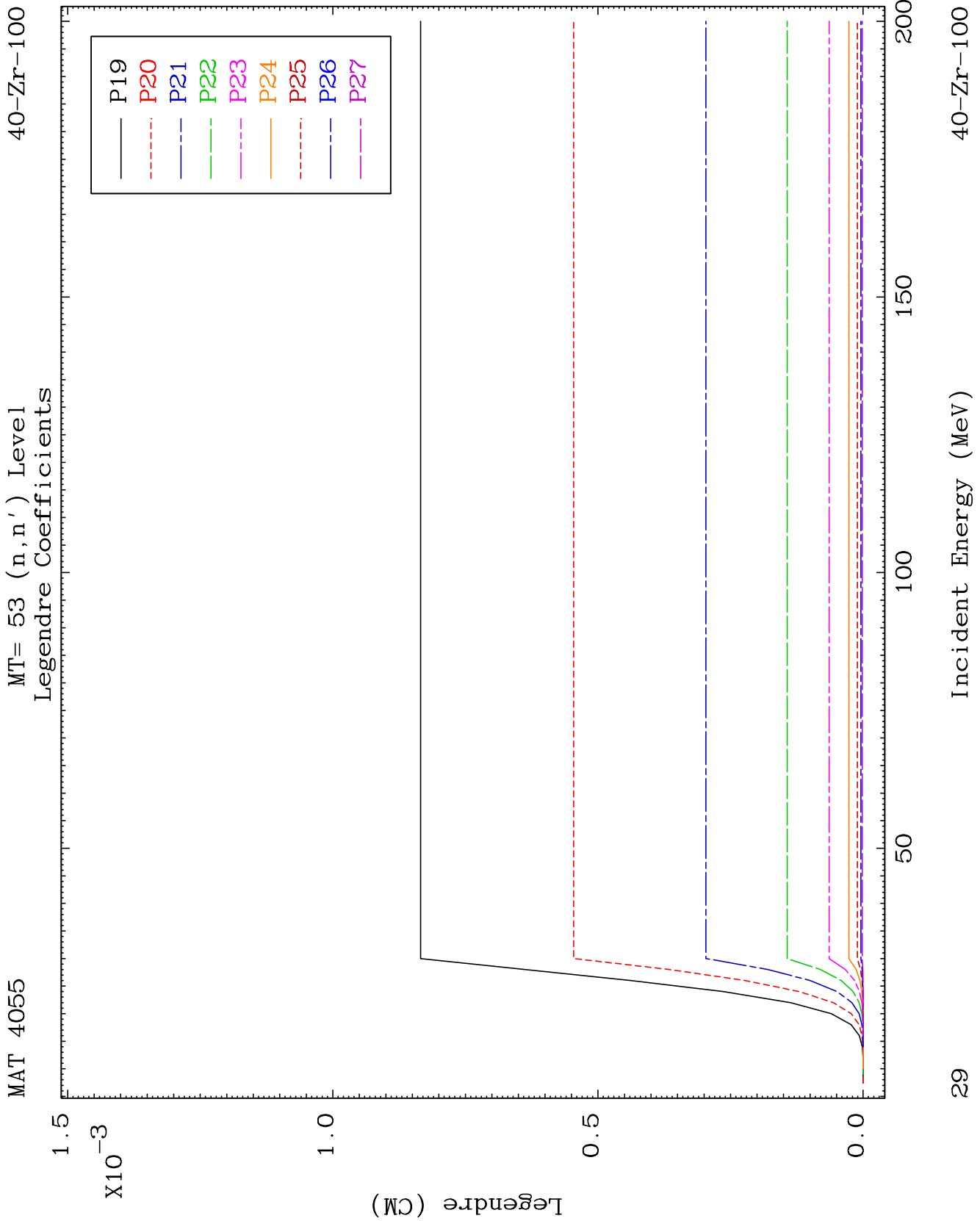


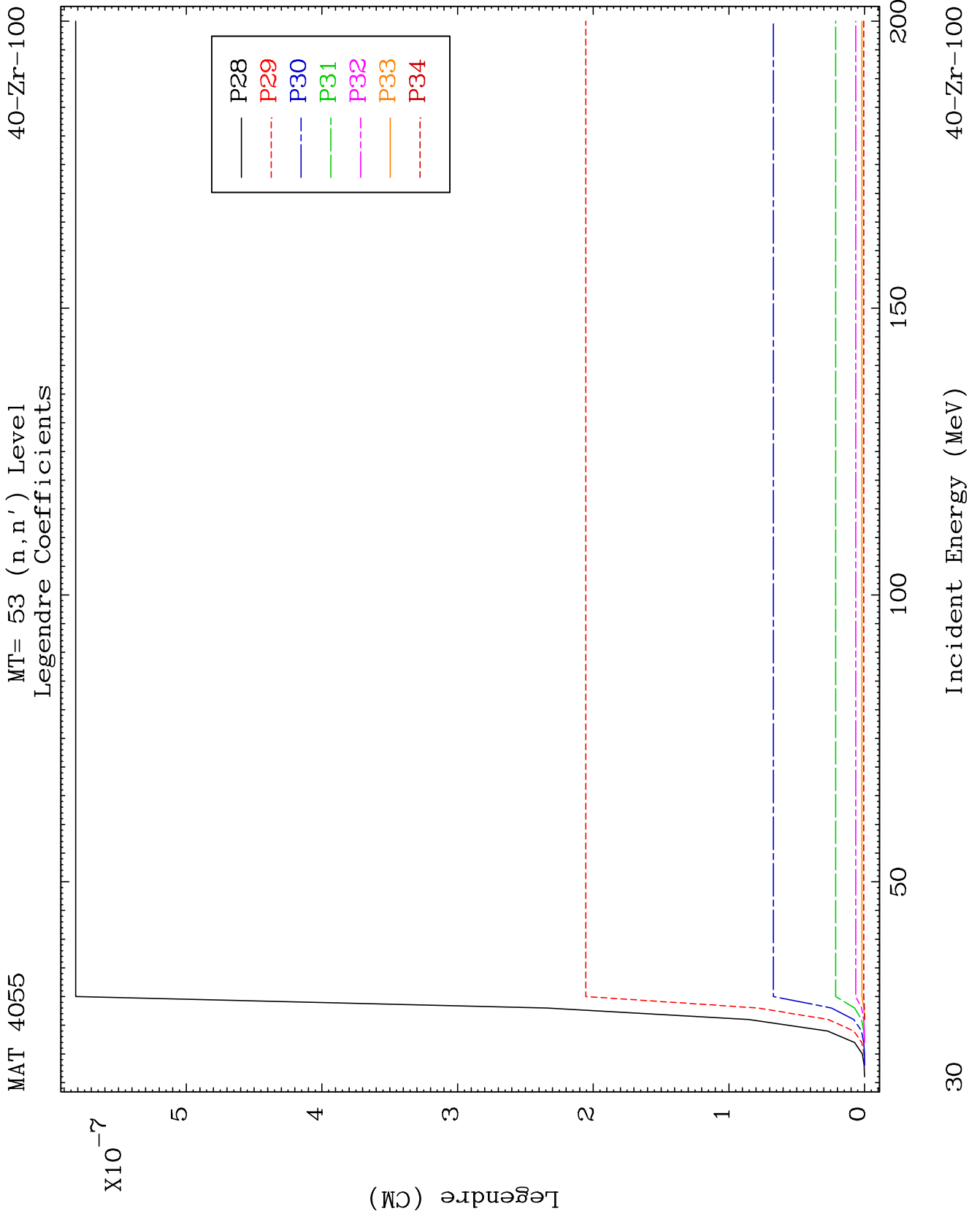


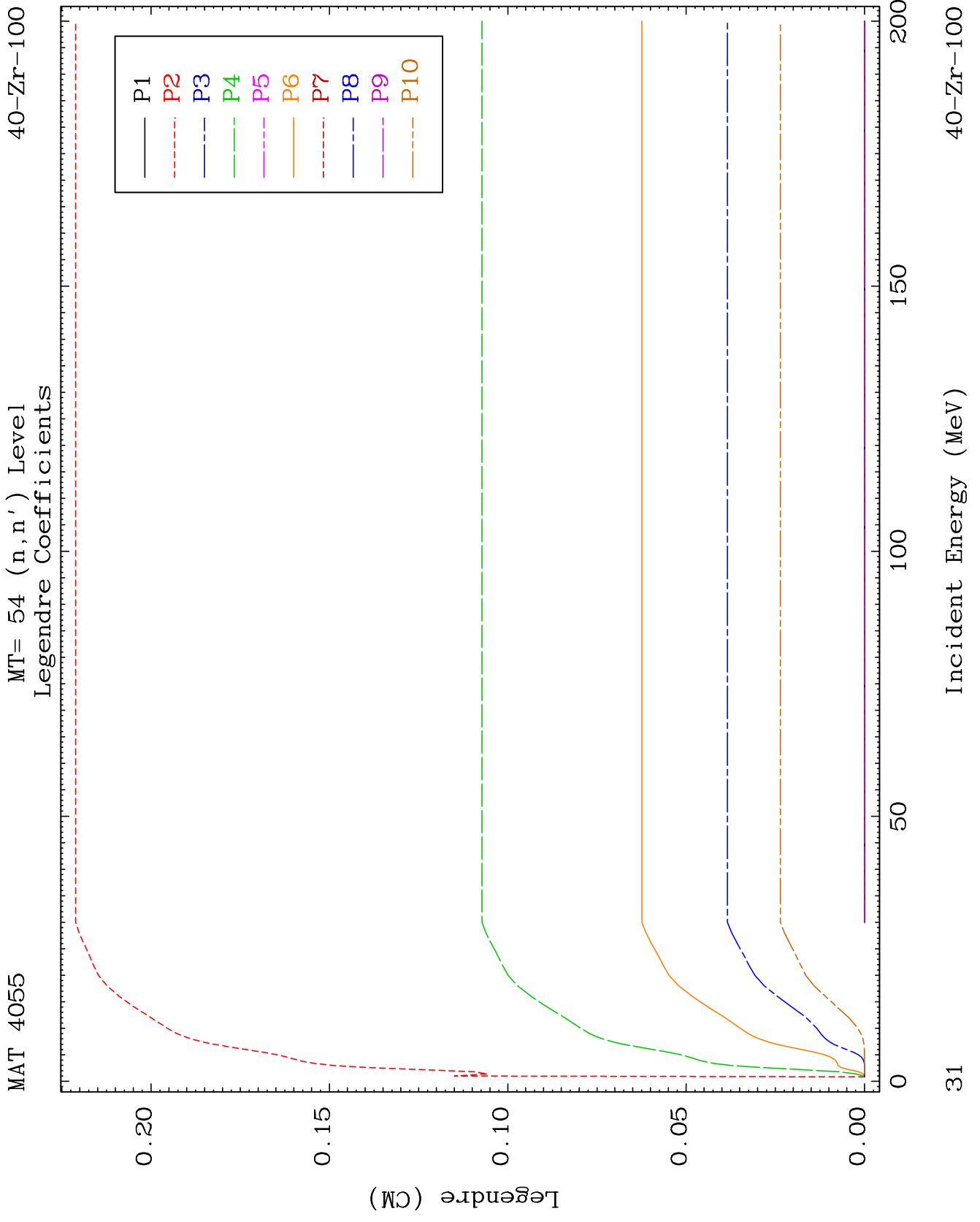


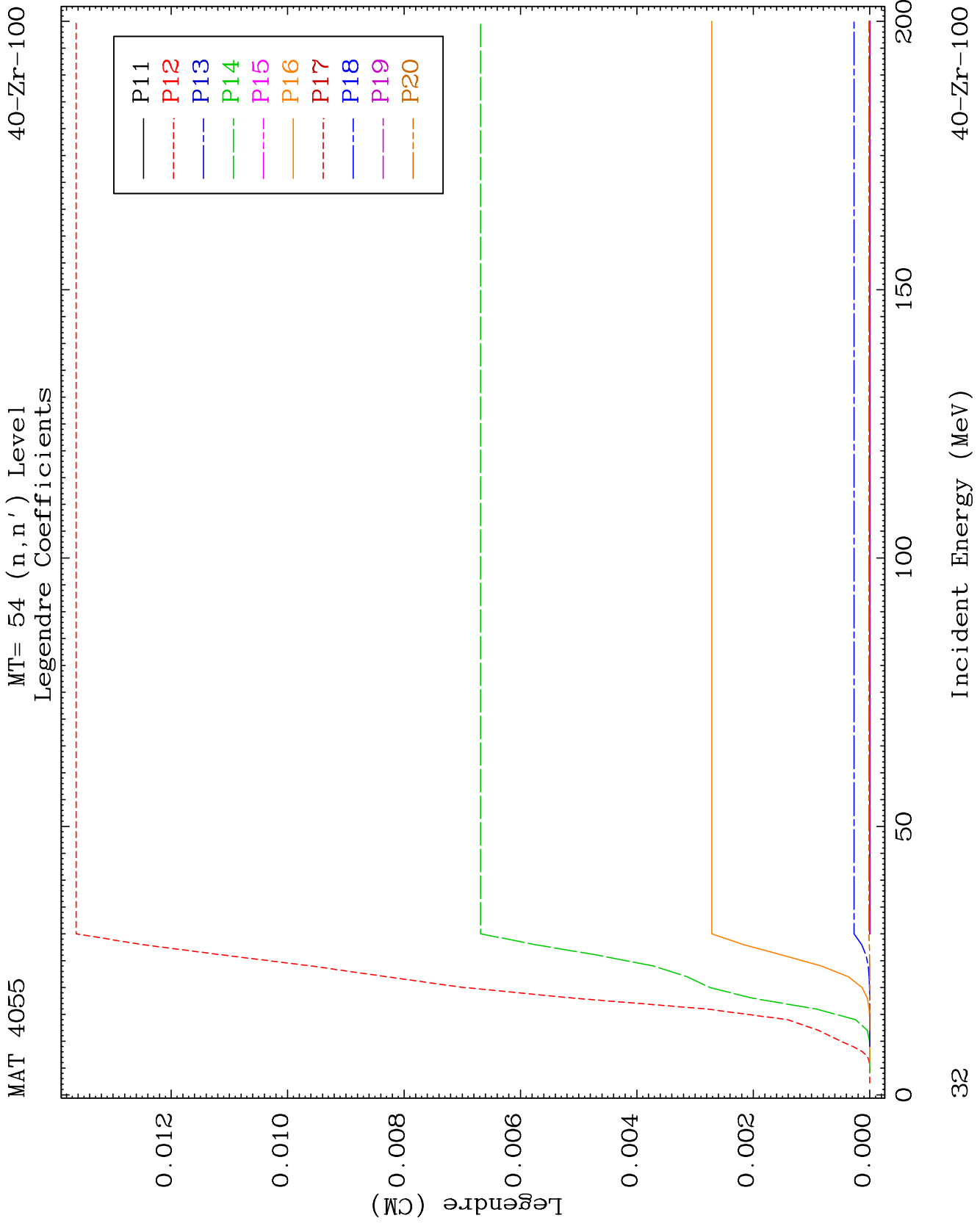


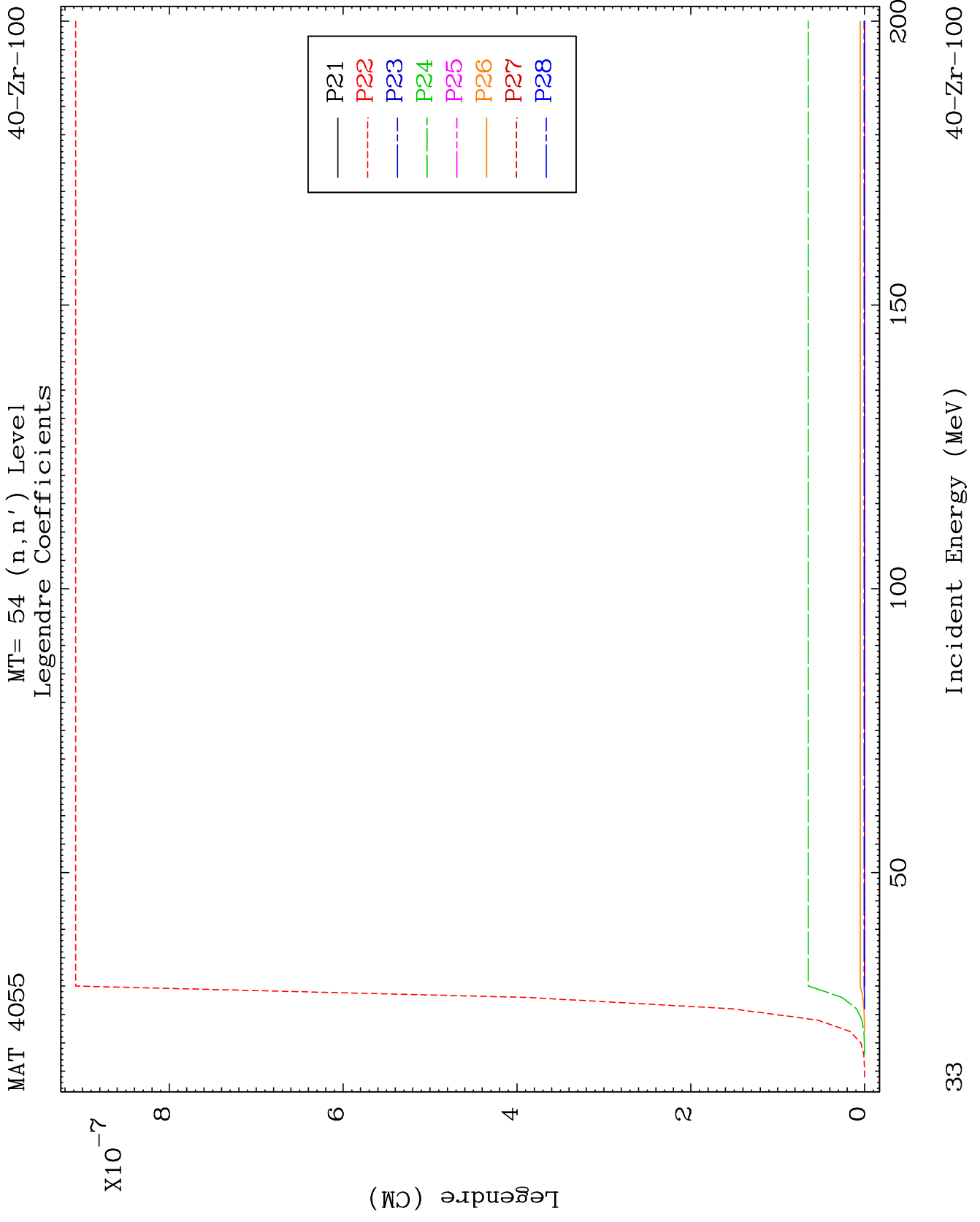


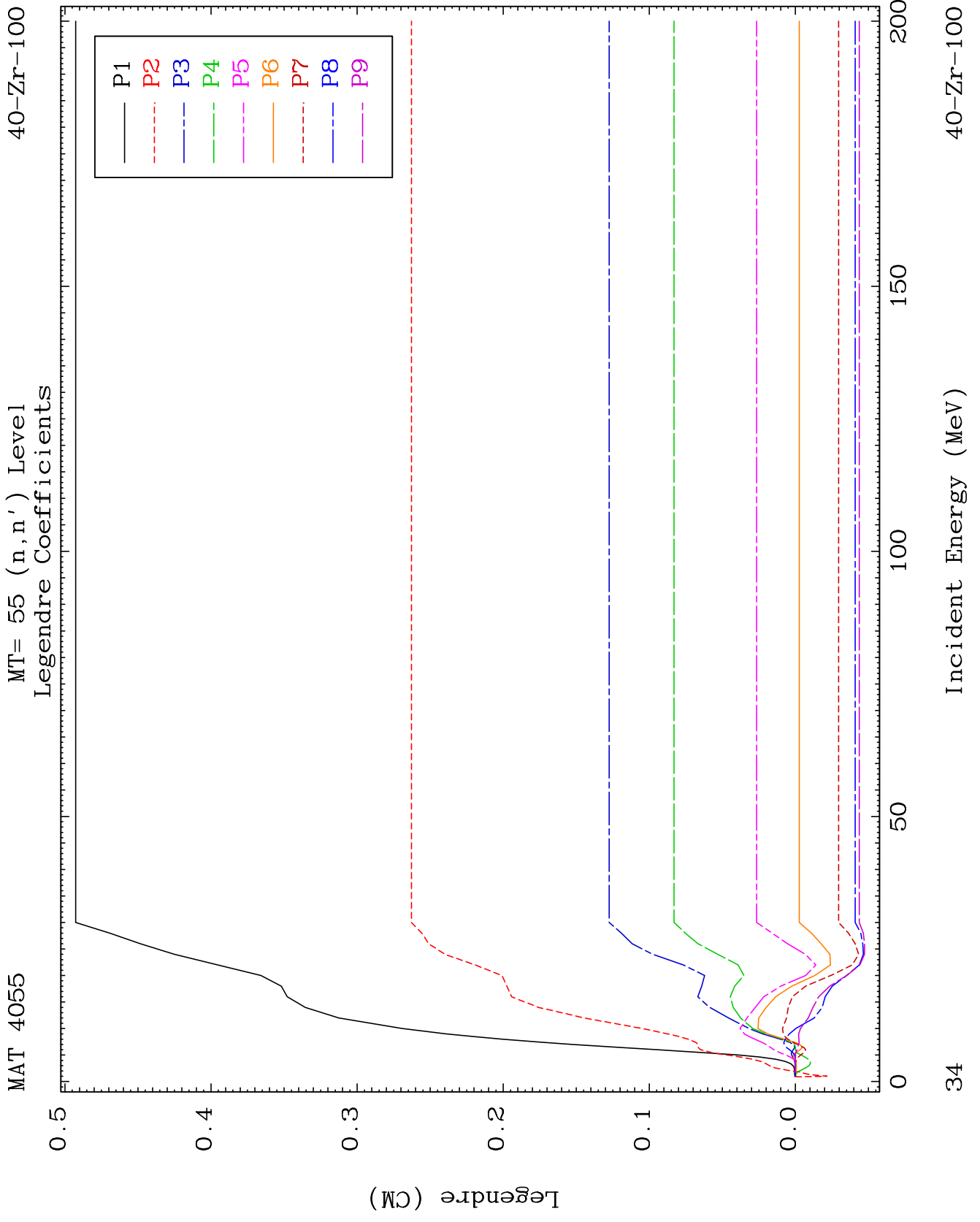


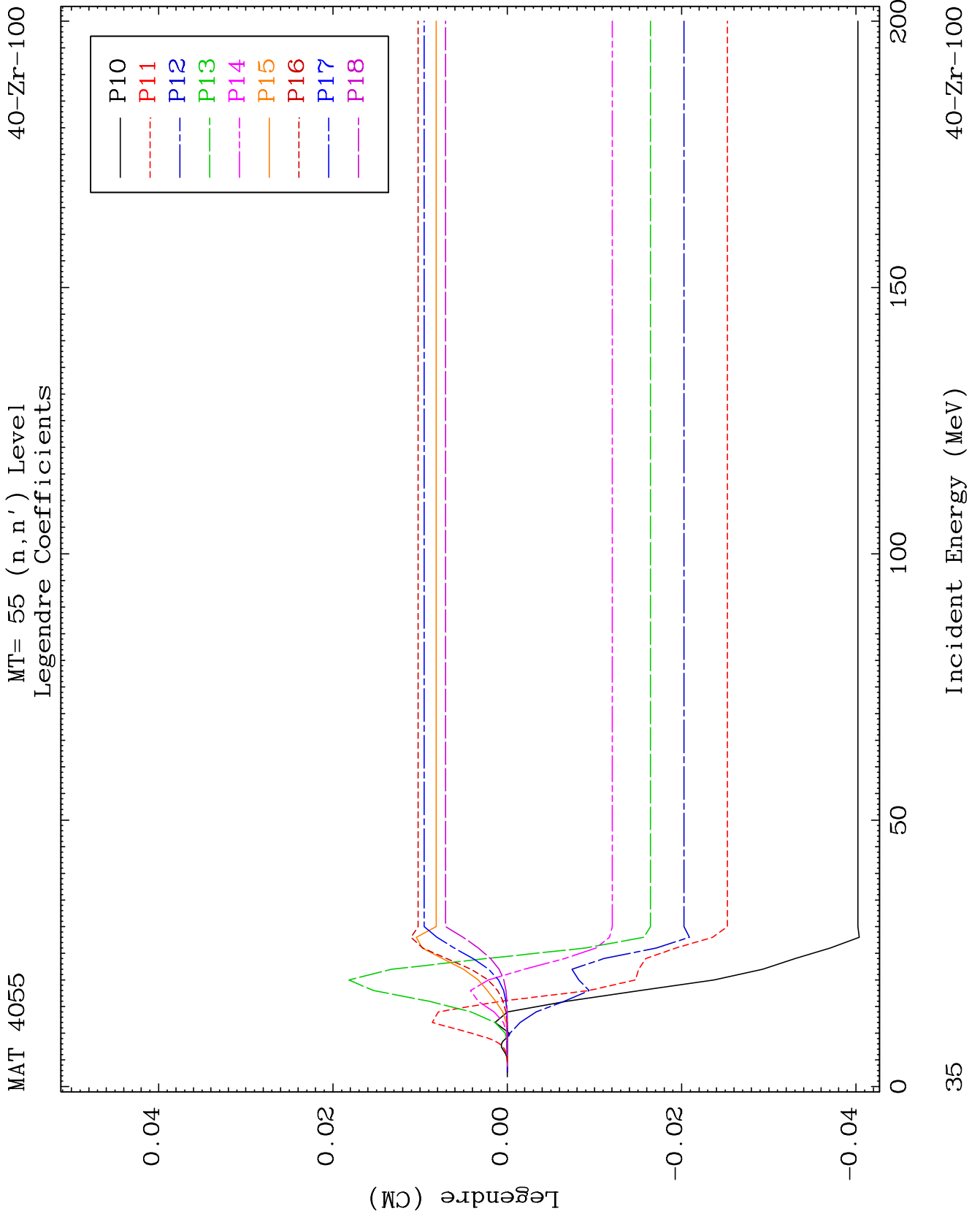


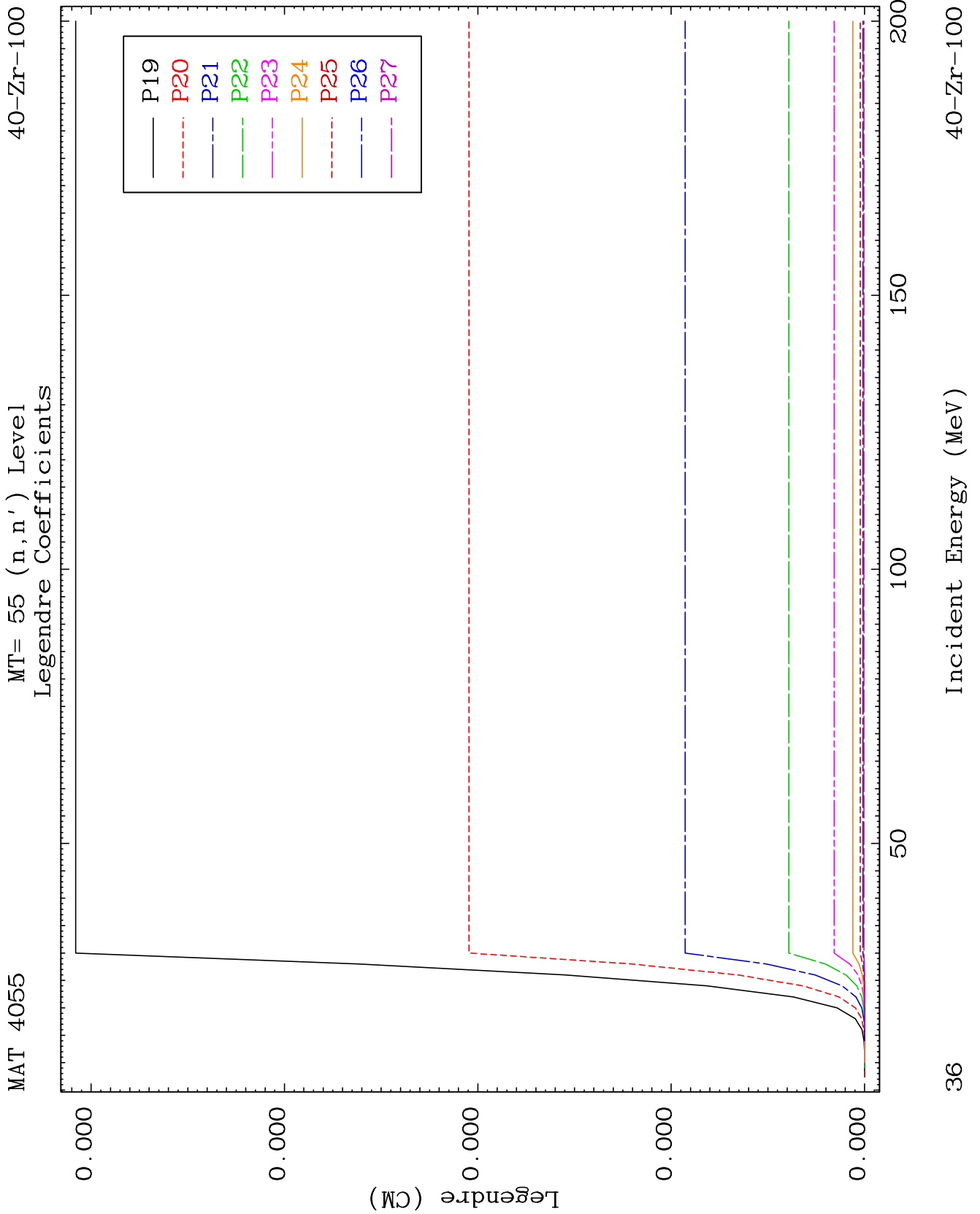


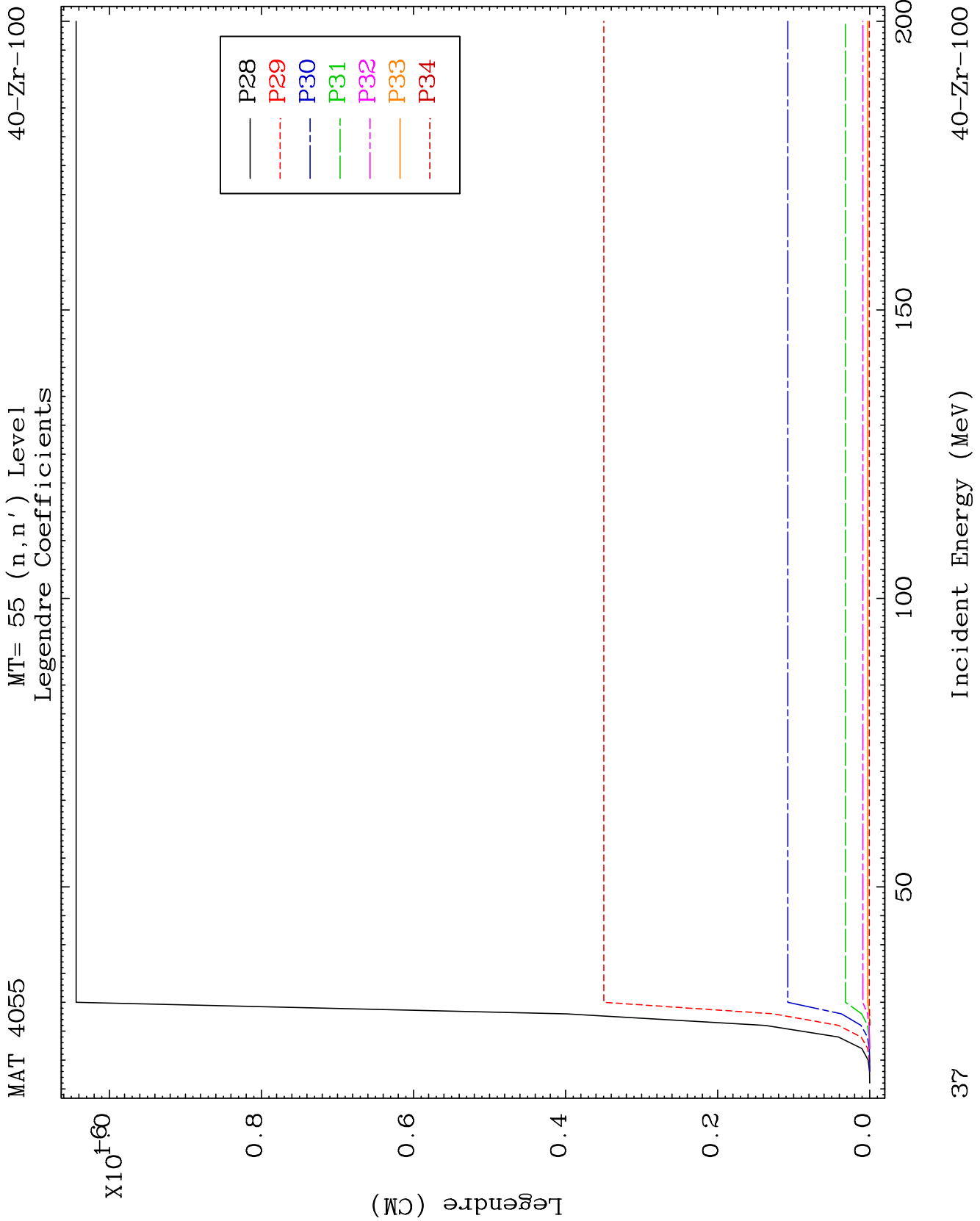


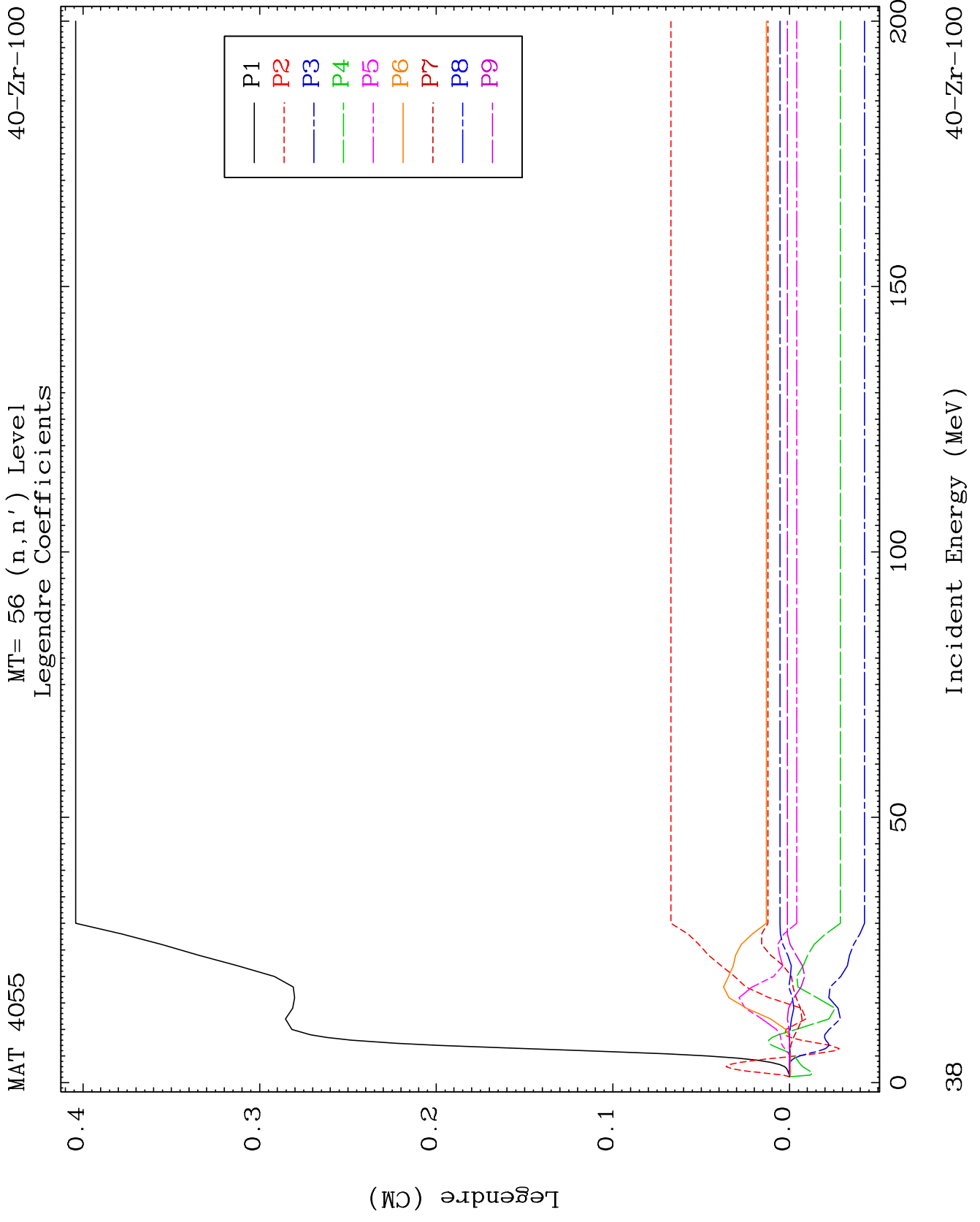








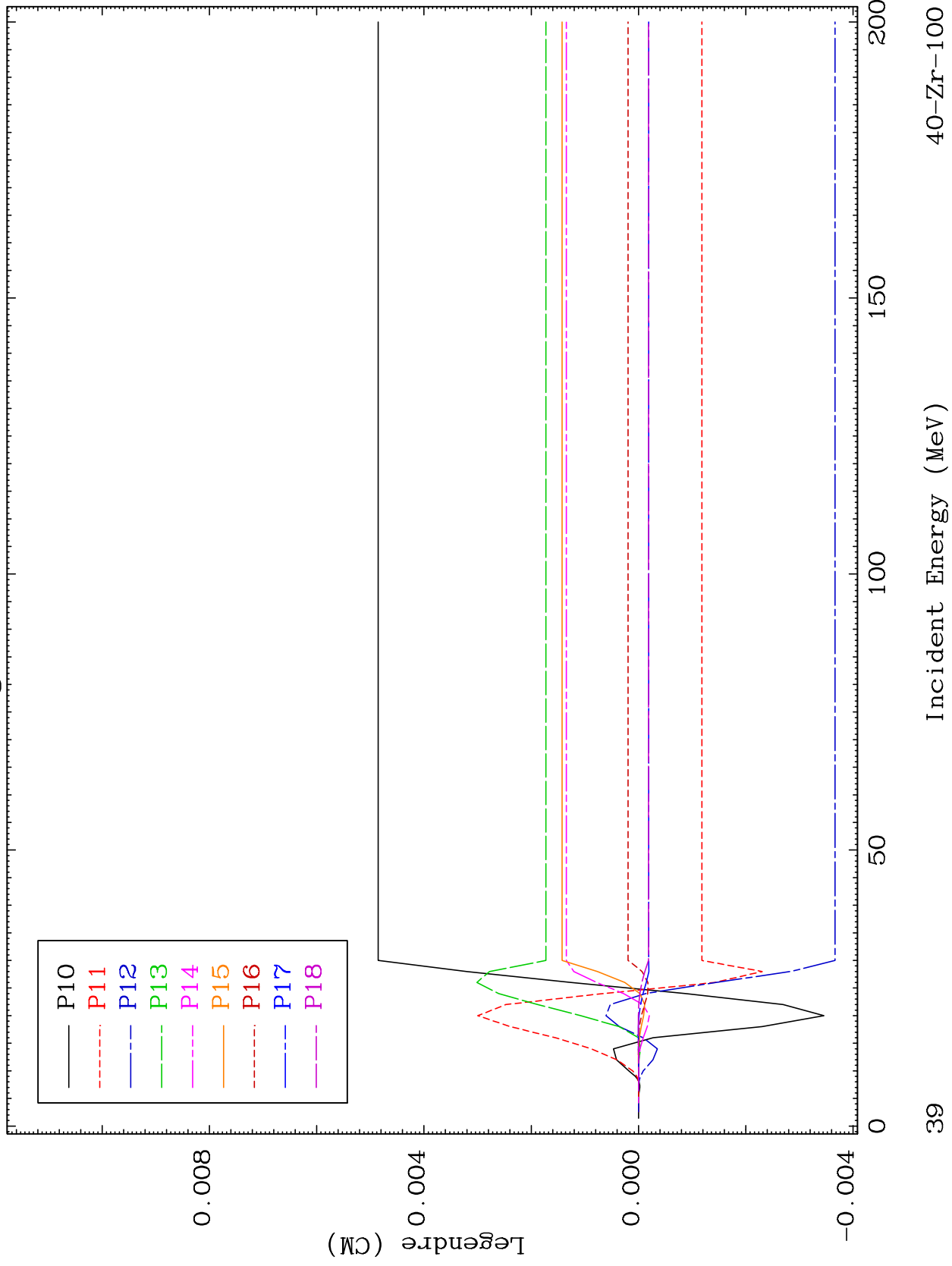




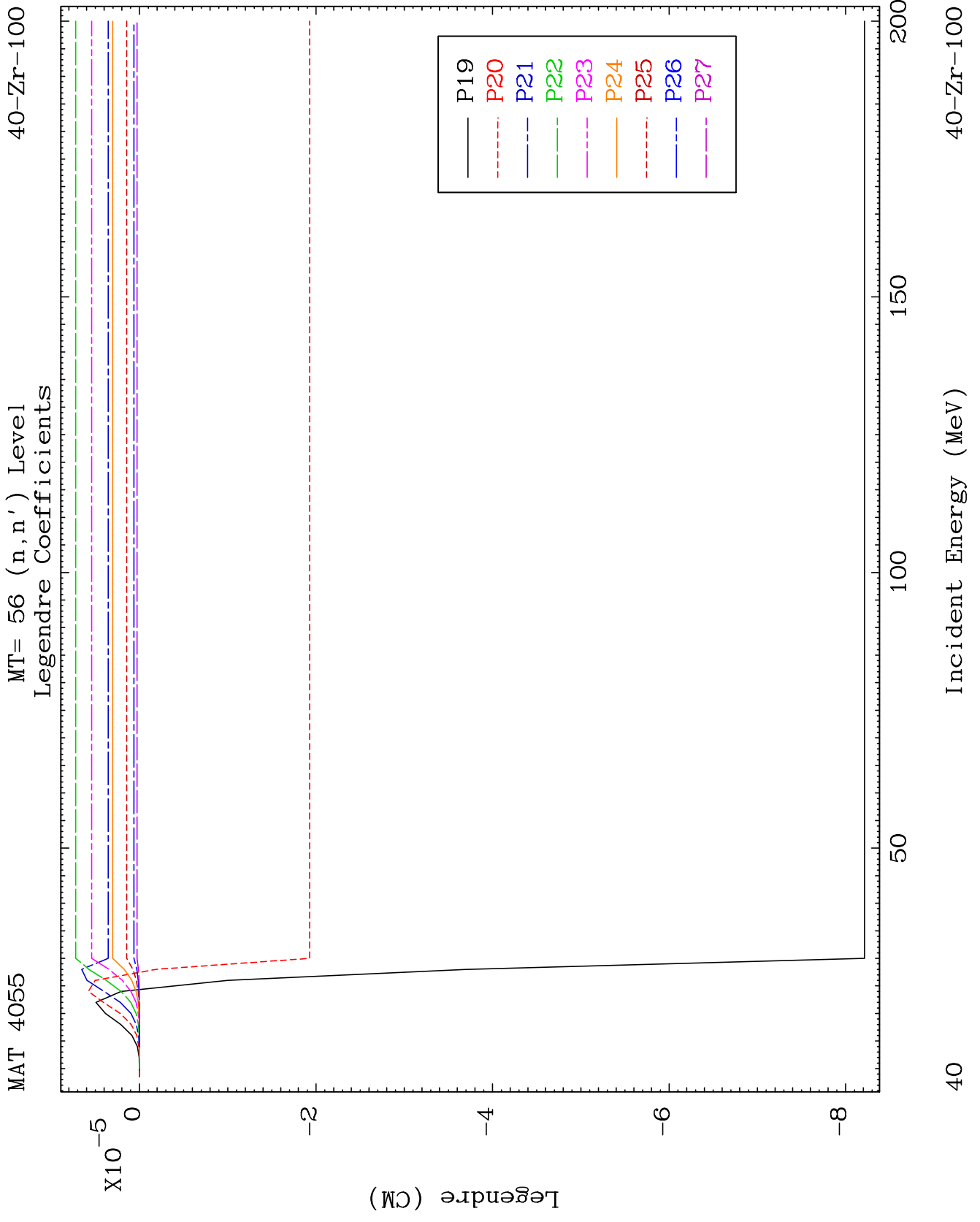
MAT 4055

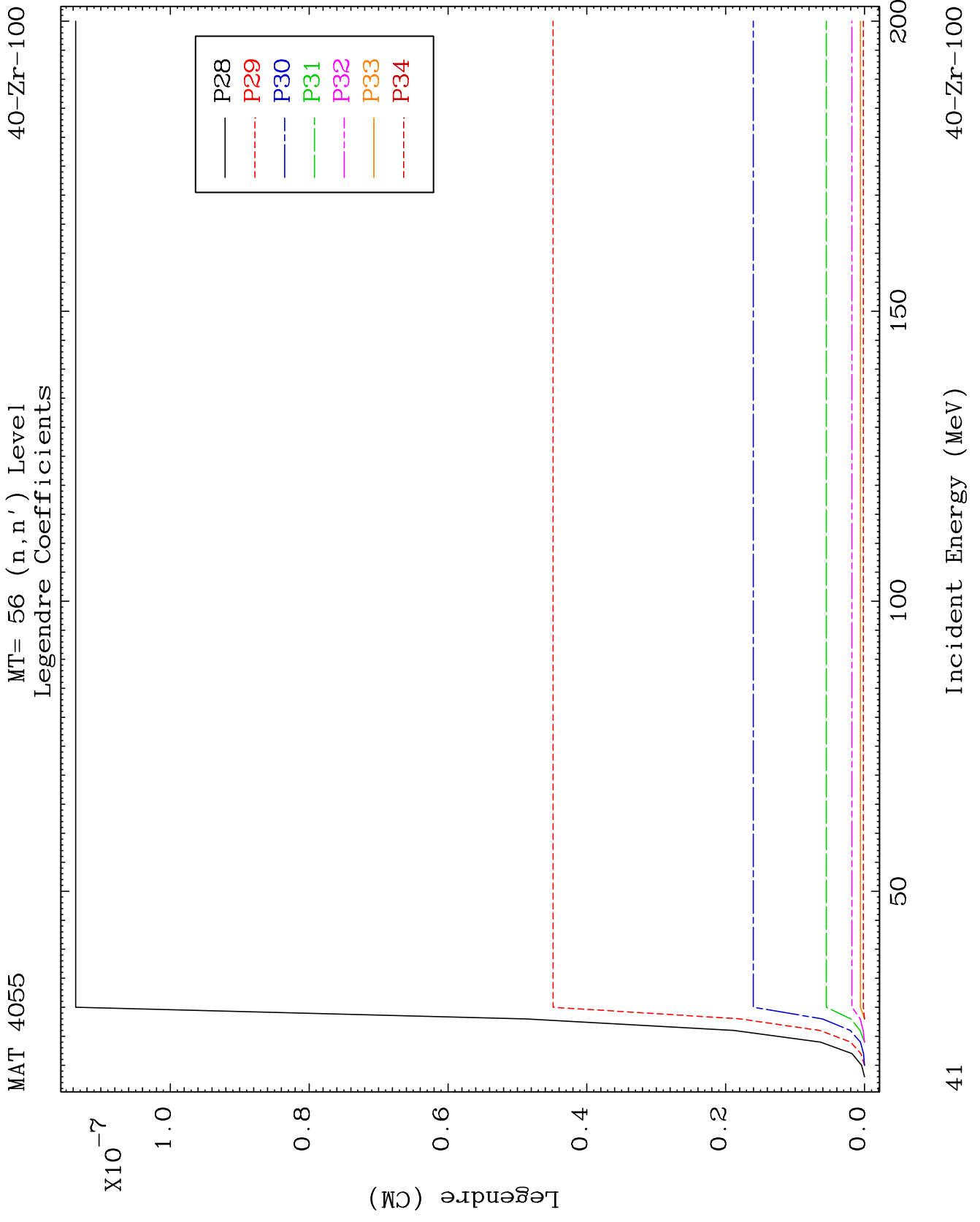
MT= 56 (n,n') Level
Legendre Coefficients

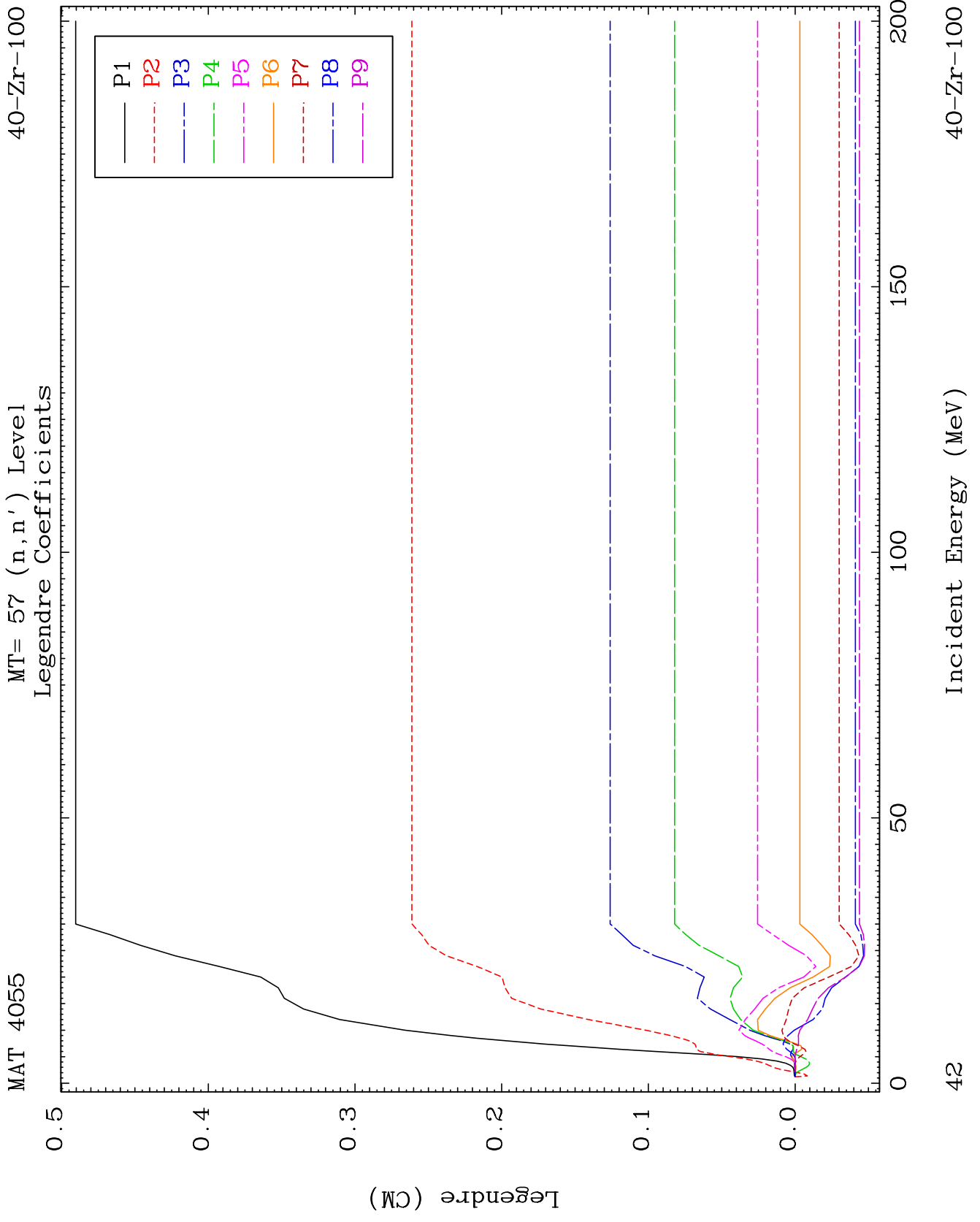
40-Zr-100

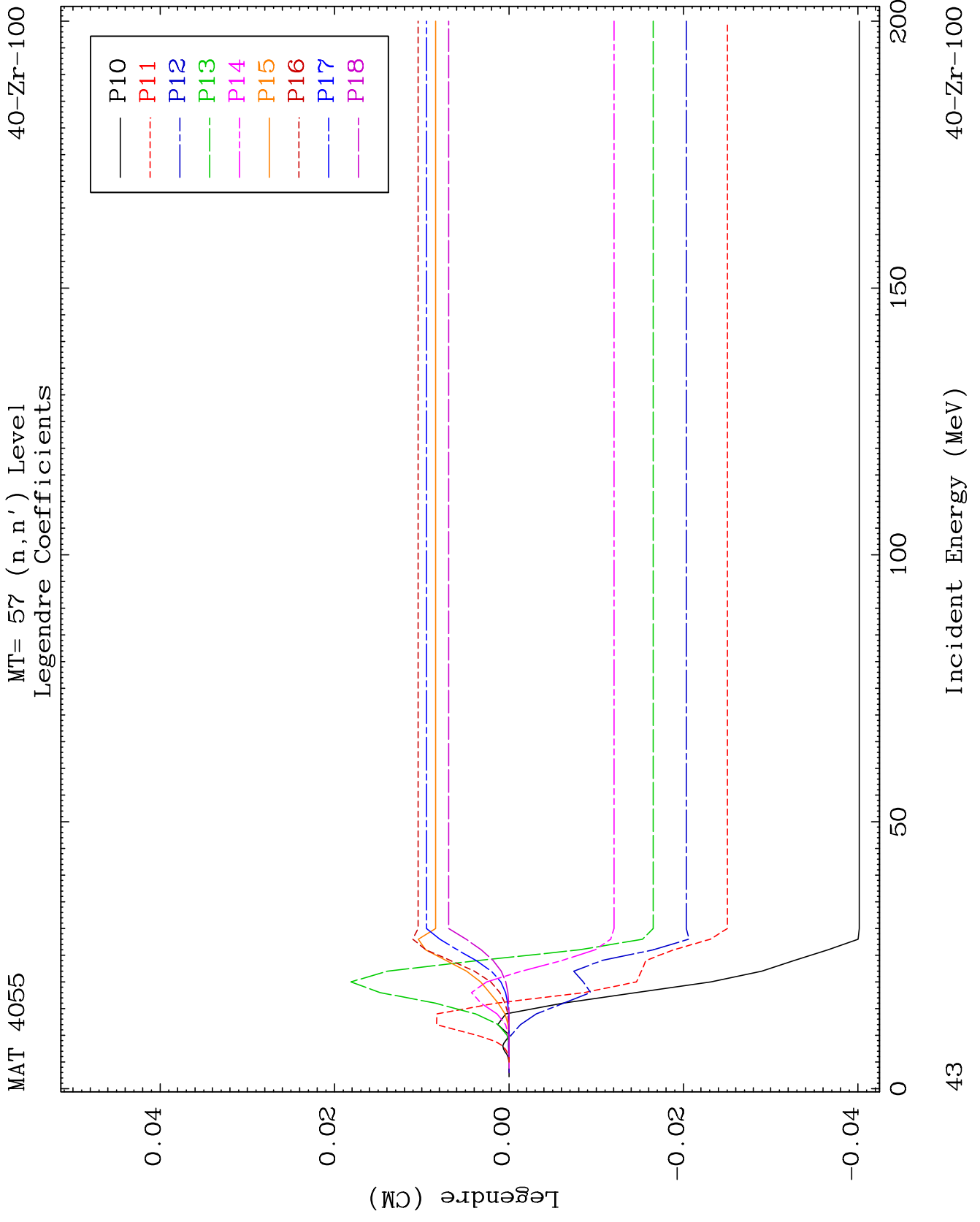


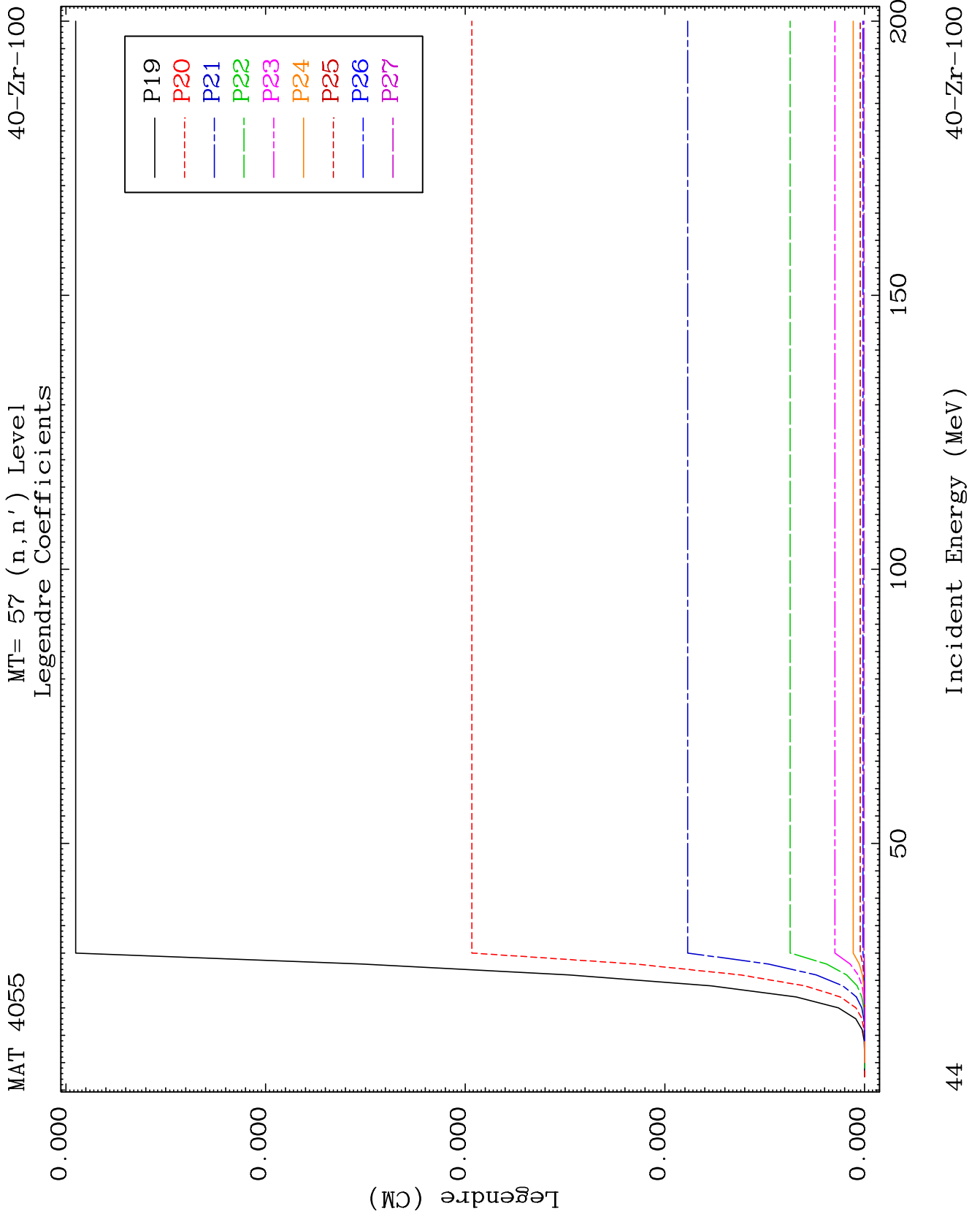
39

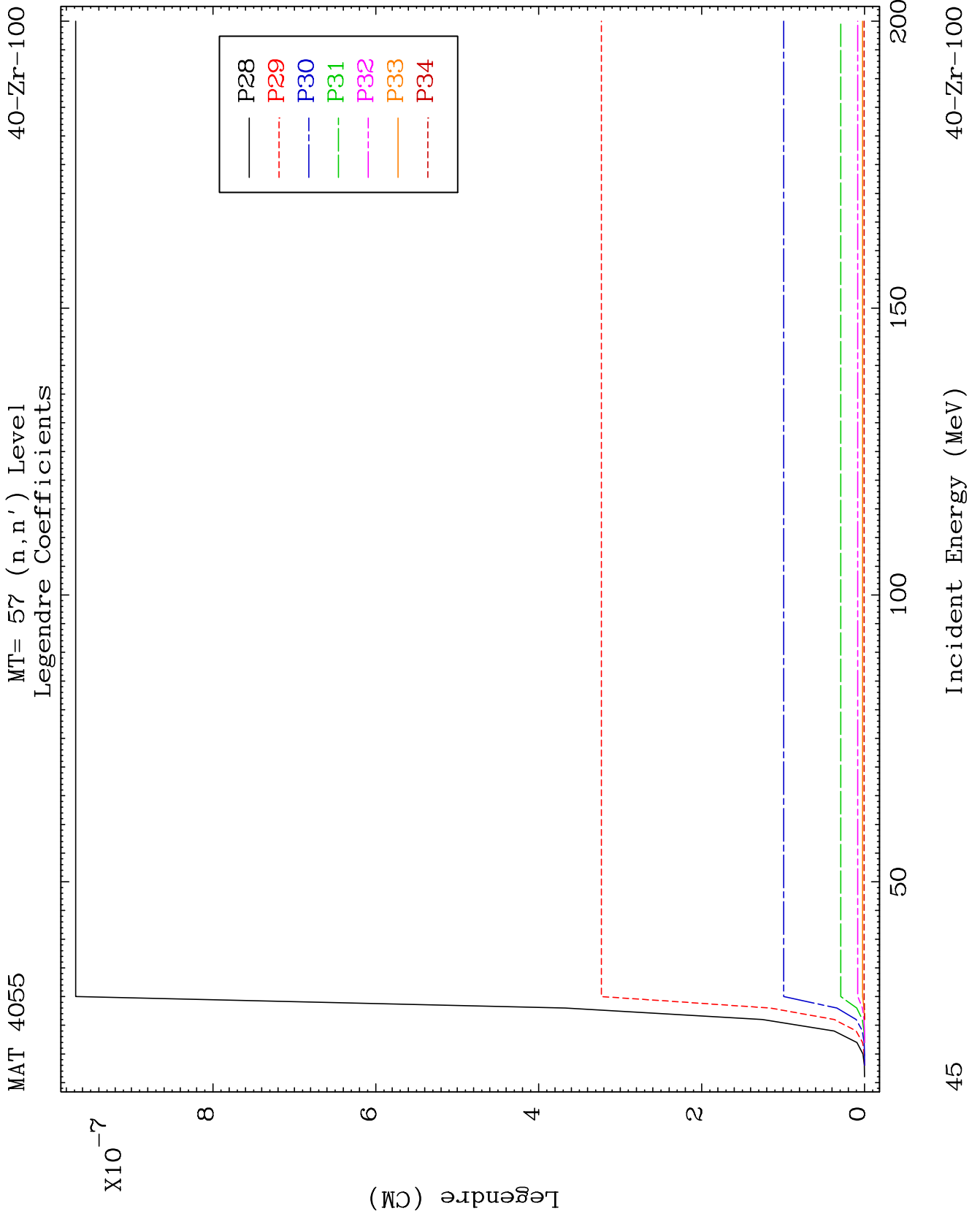


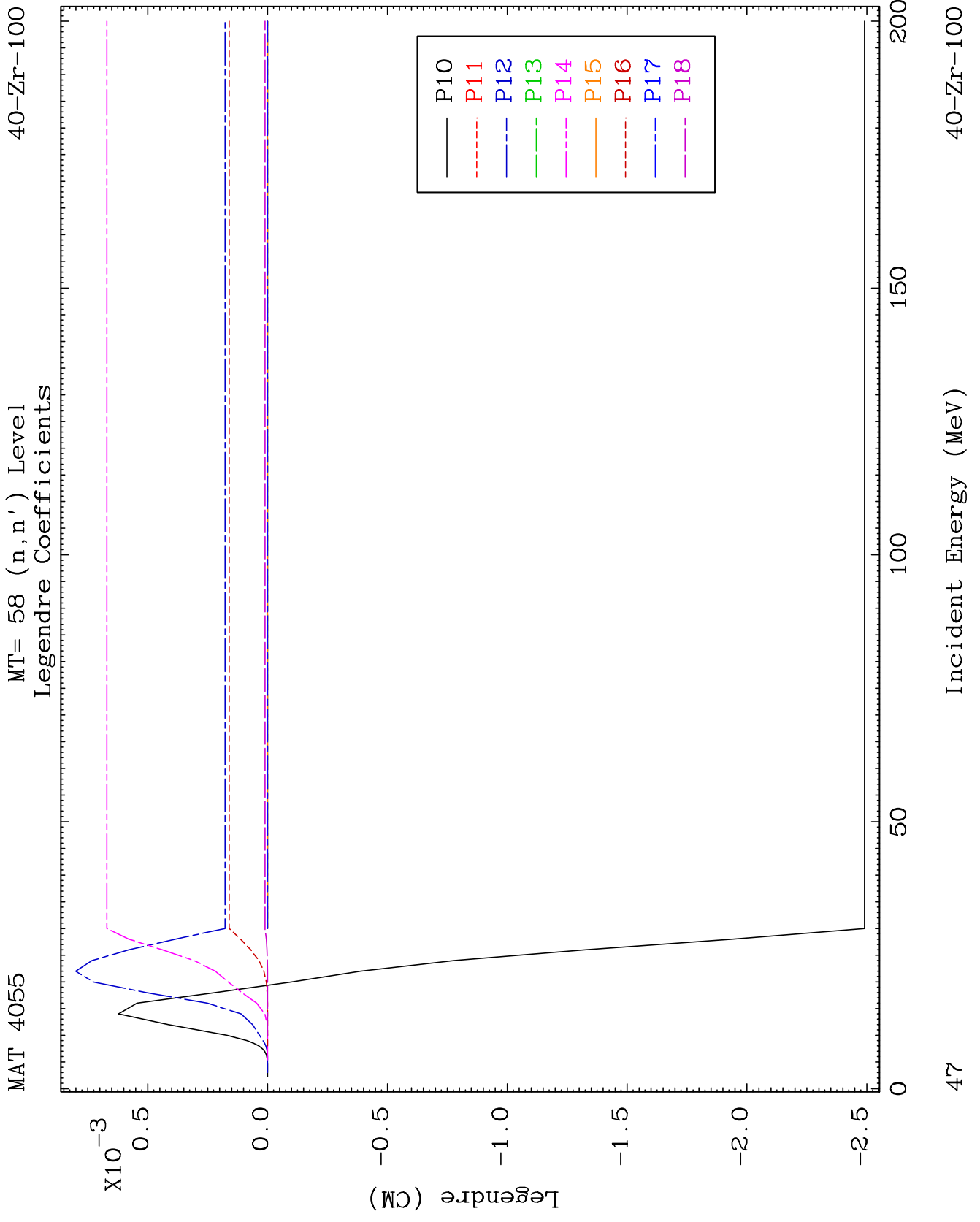


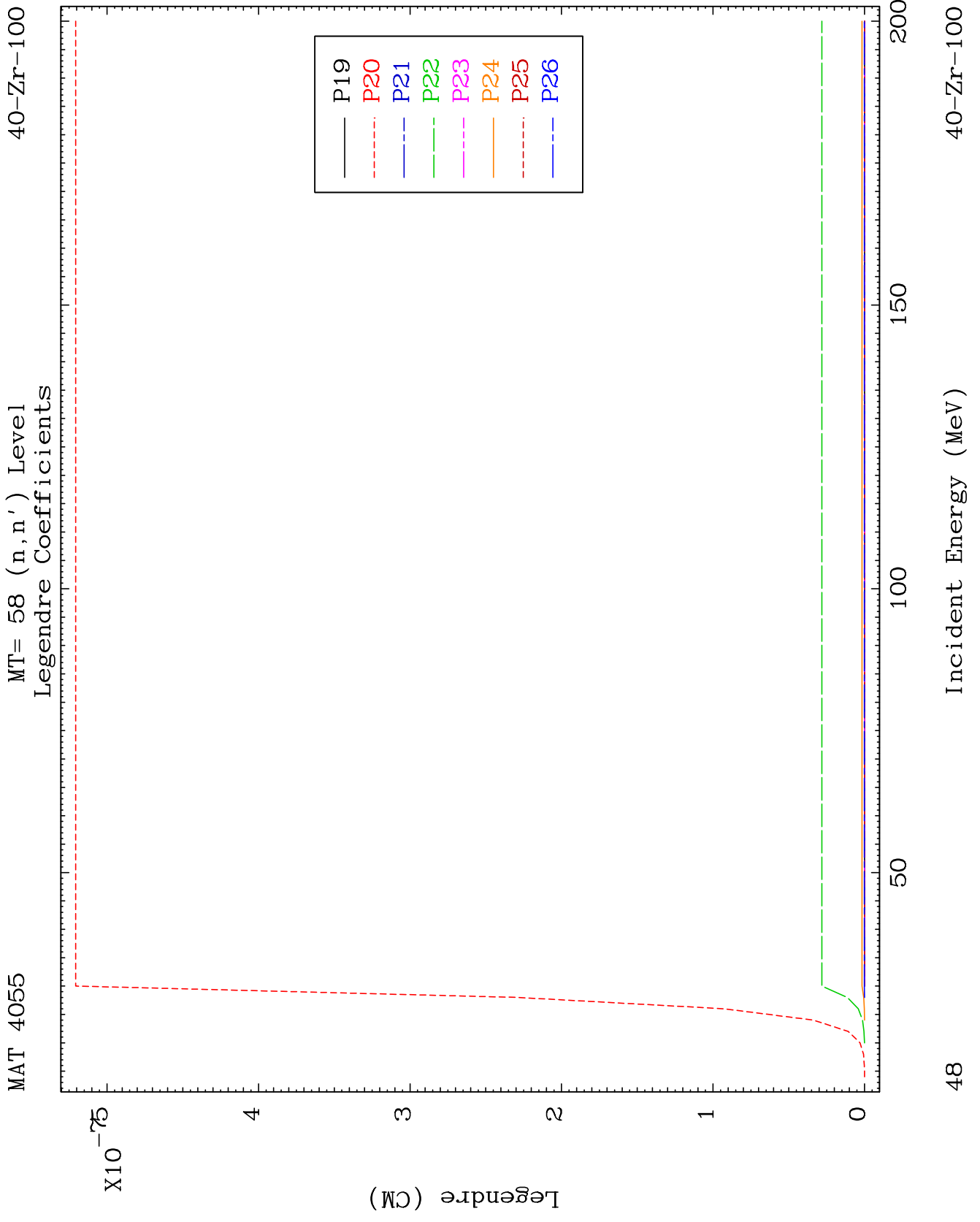


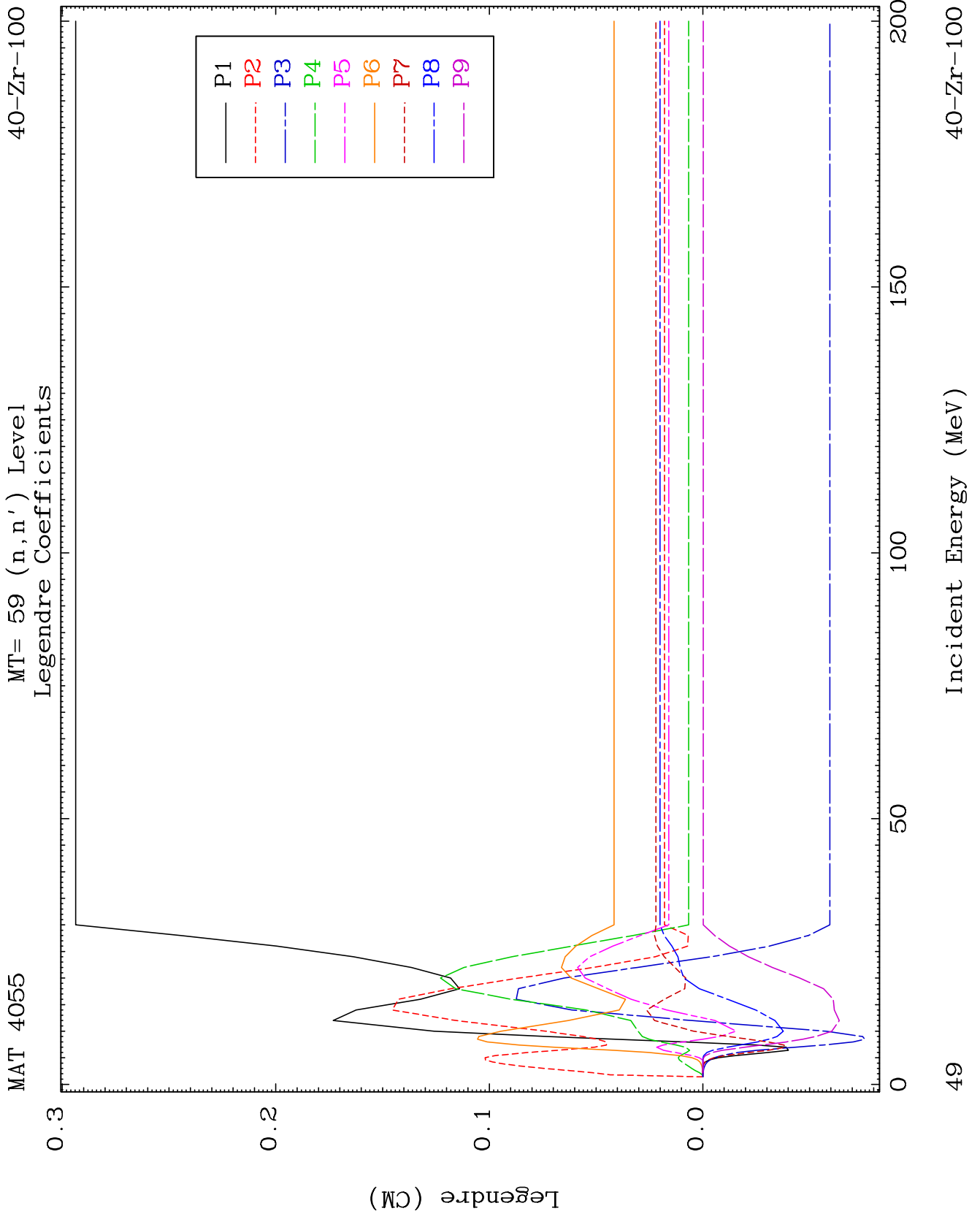


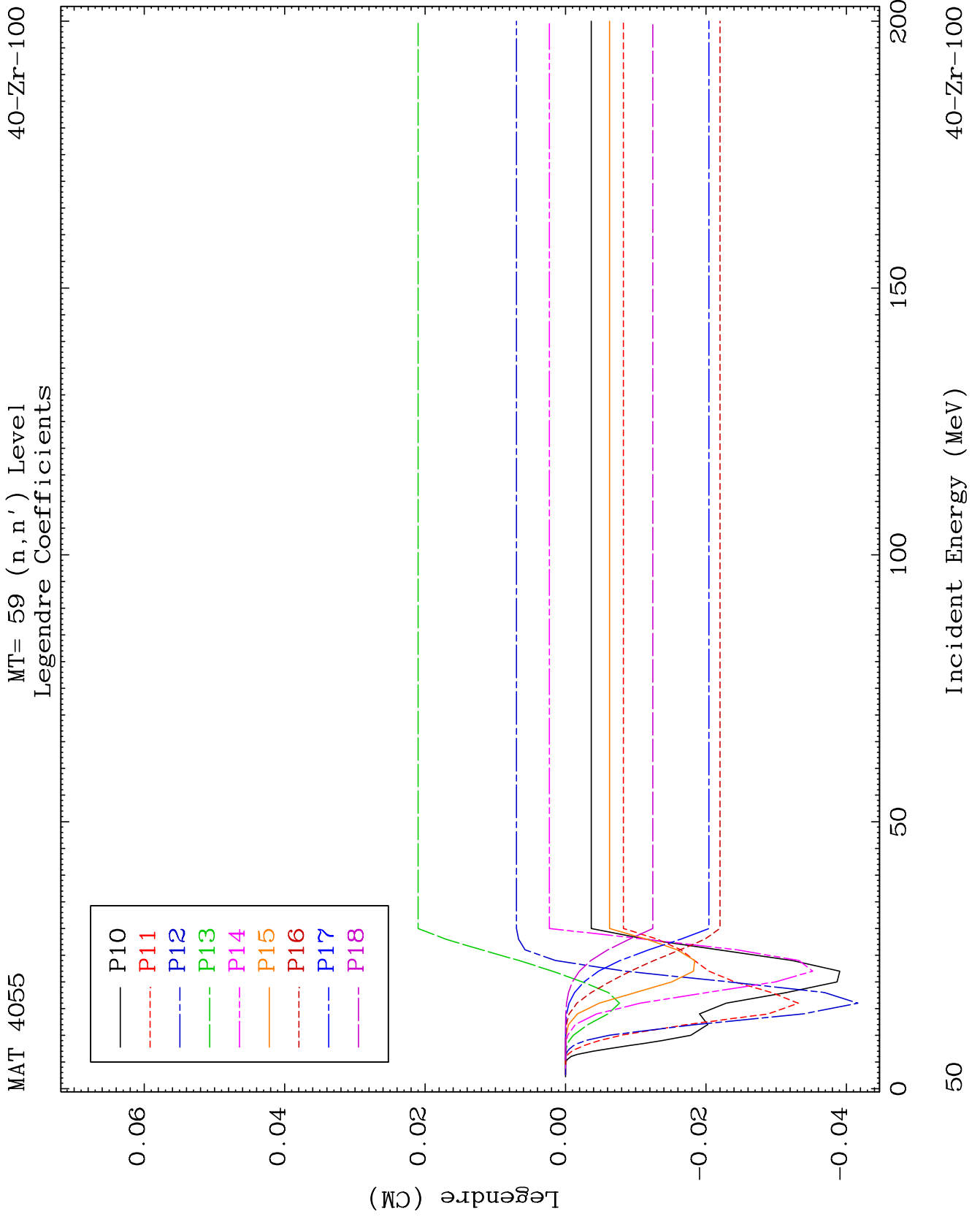


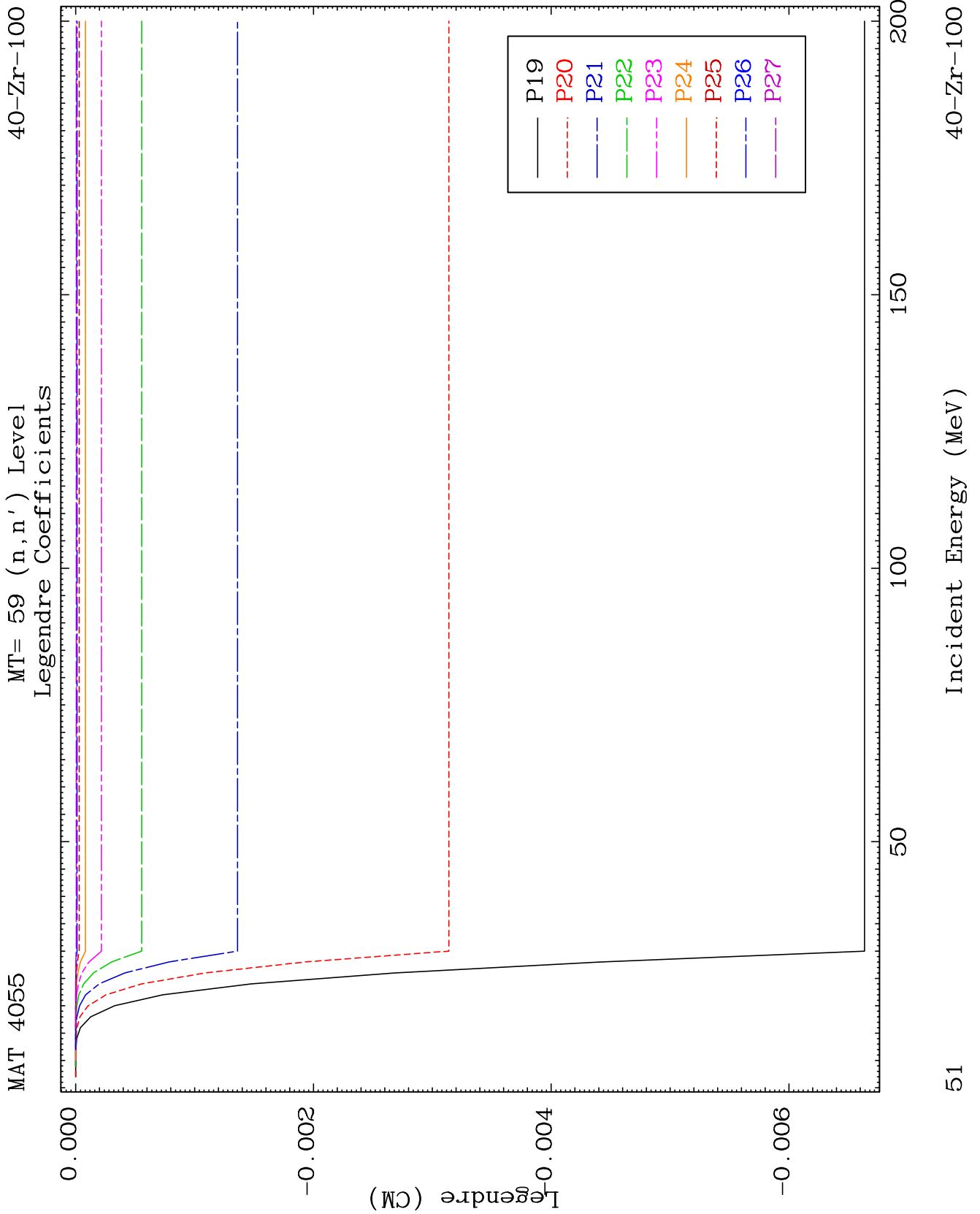


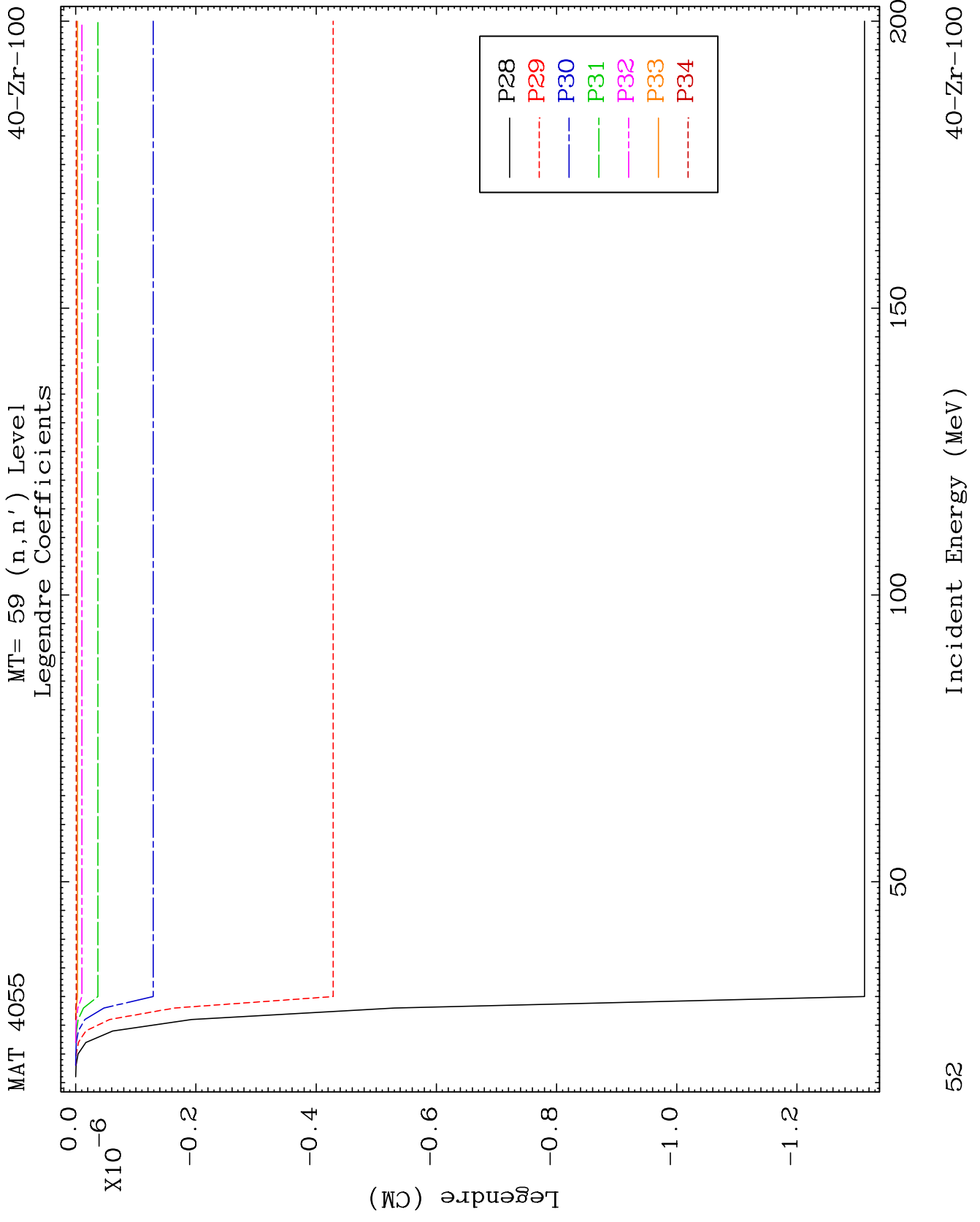


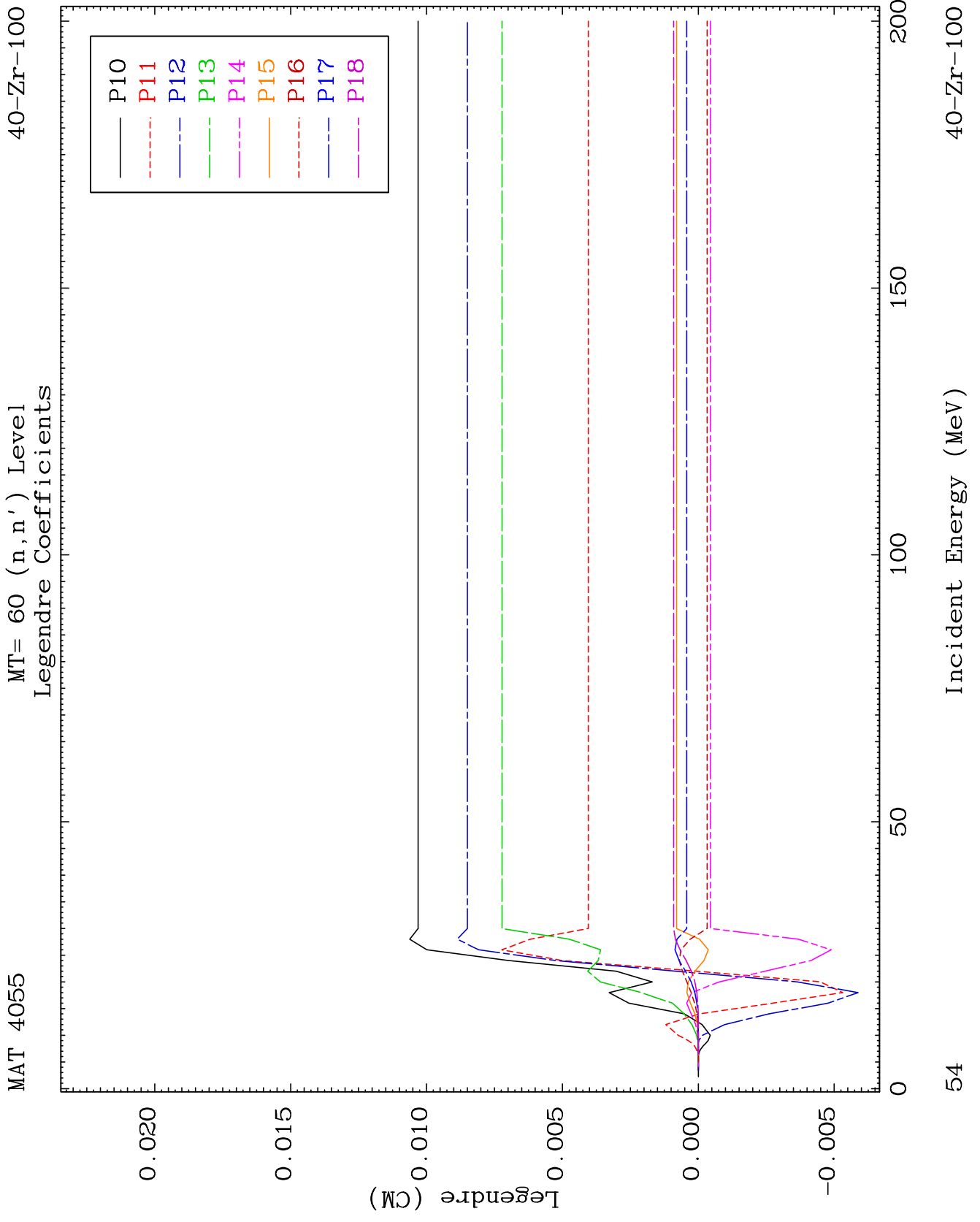


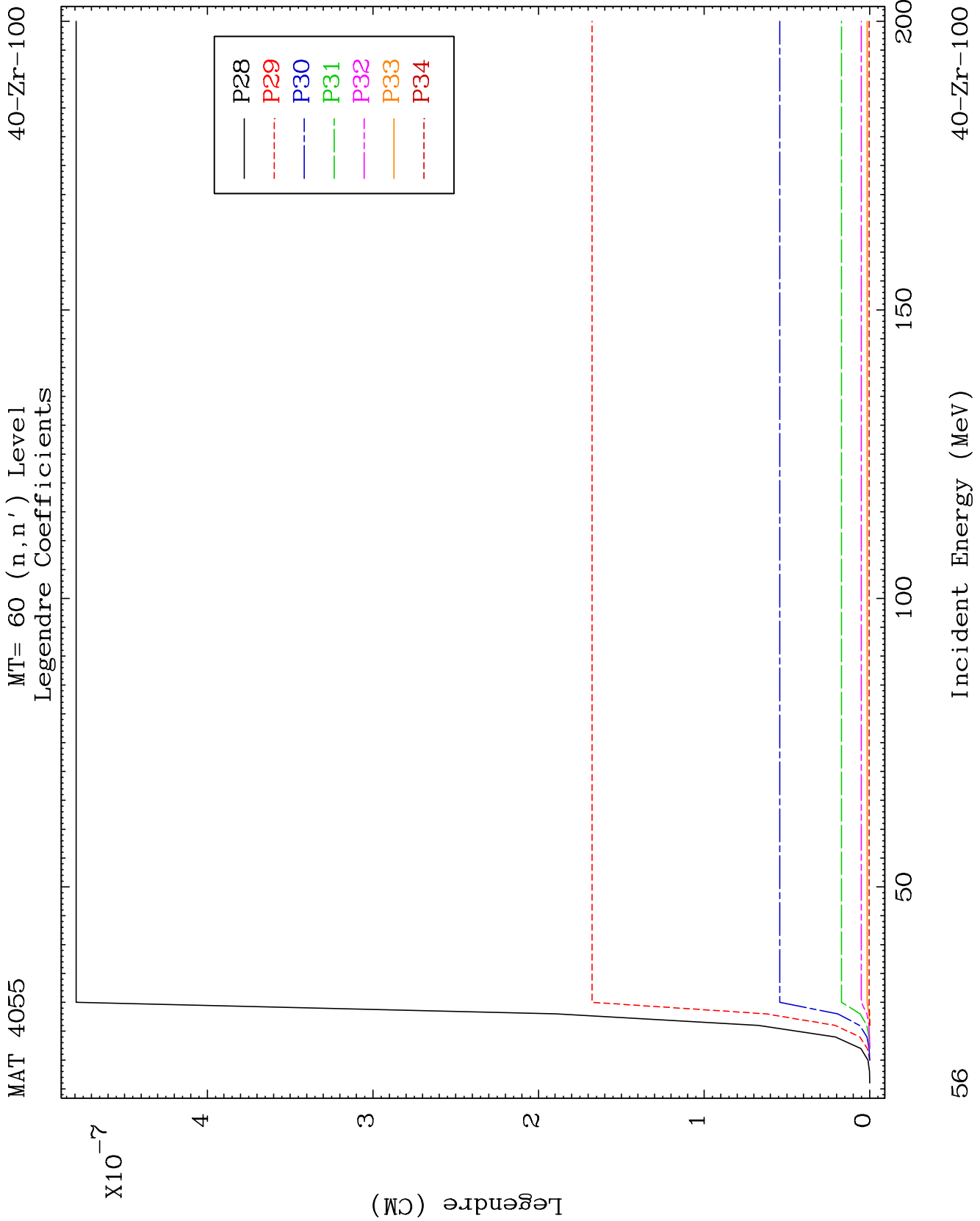


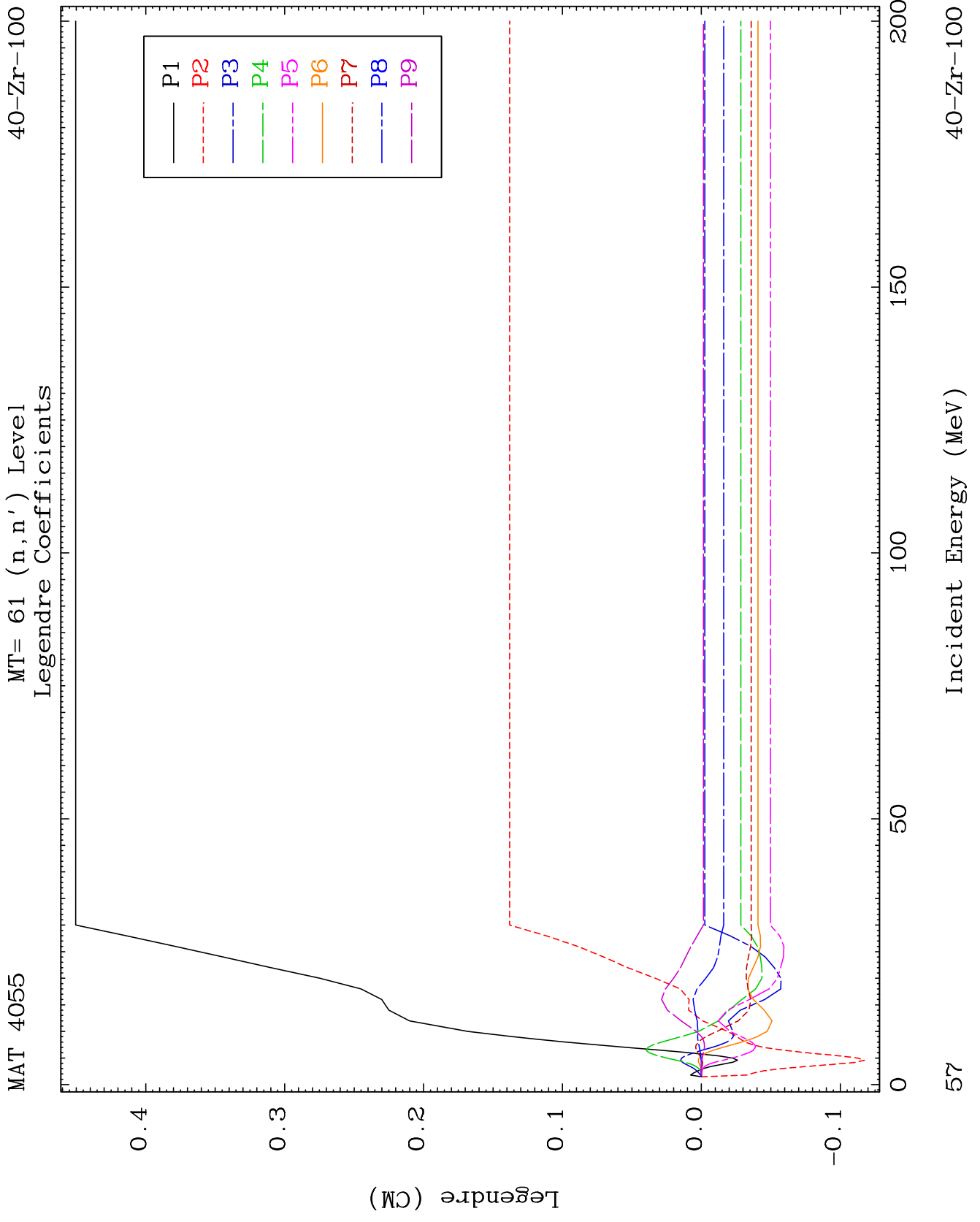


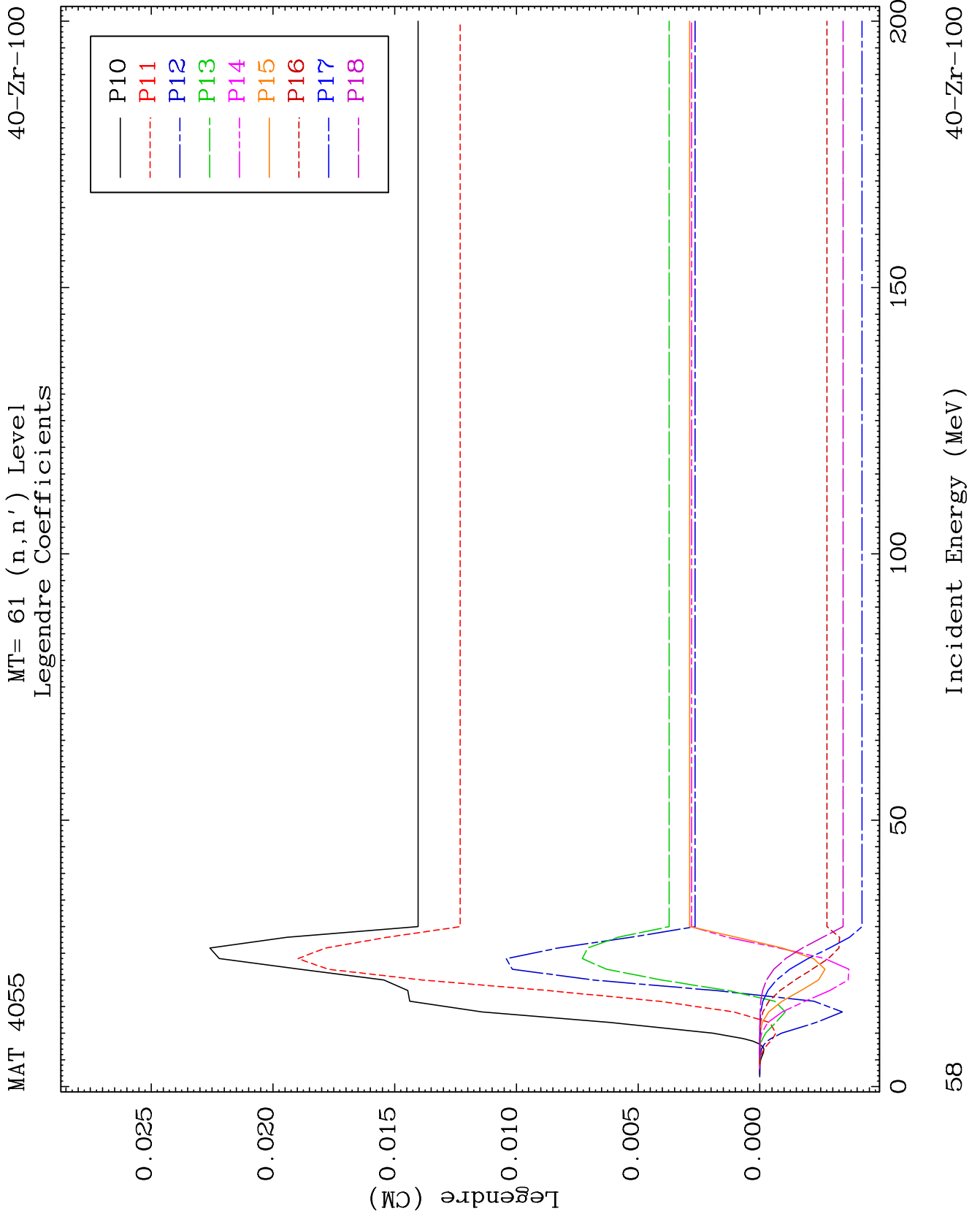


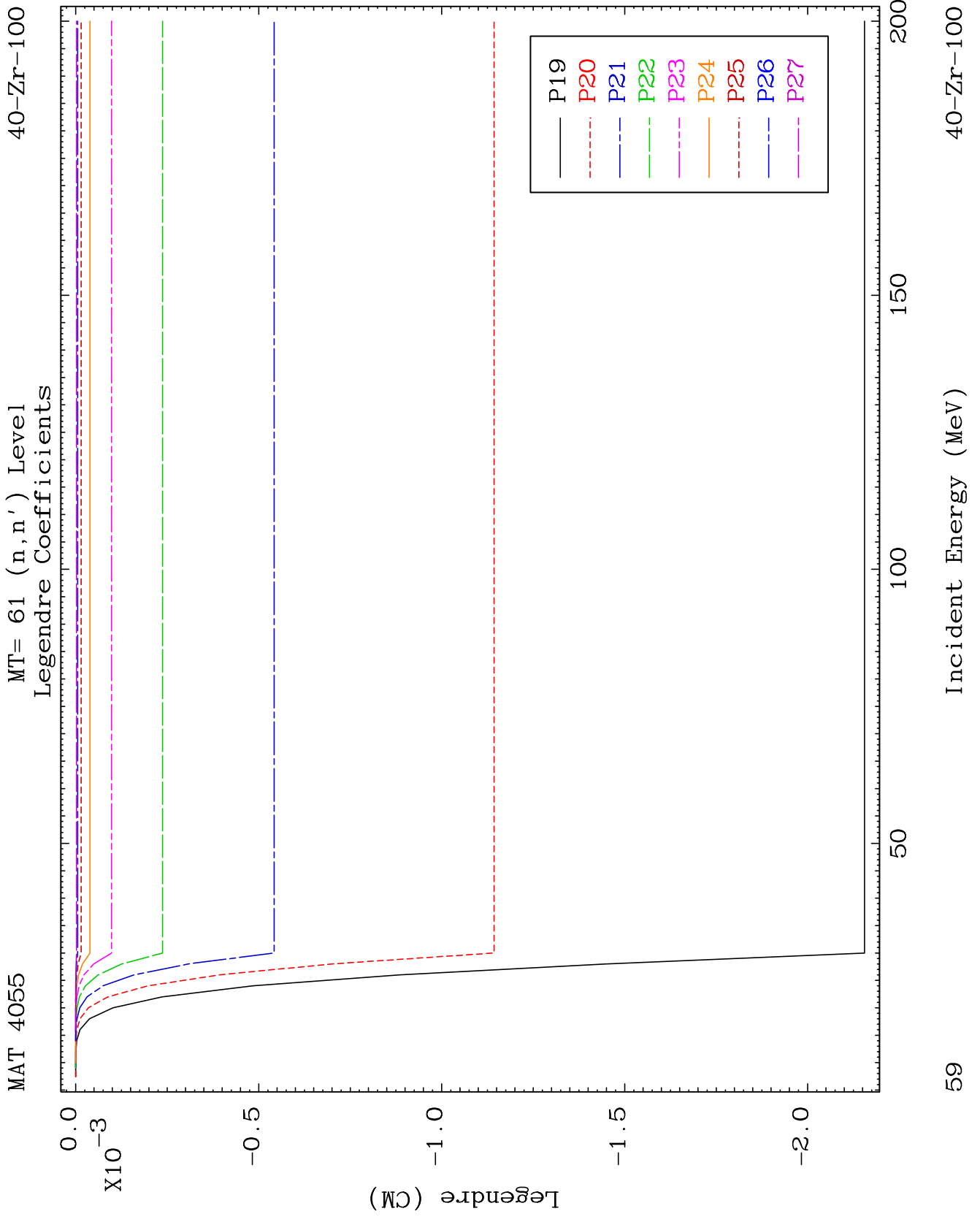


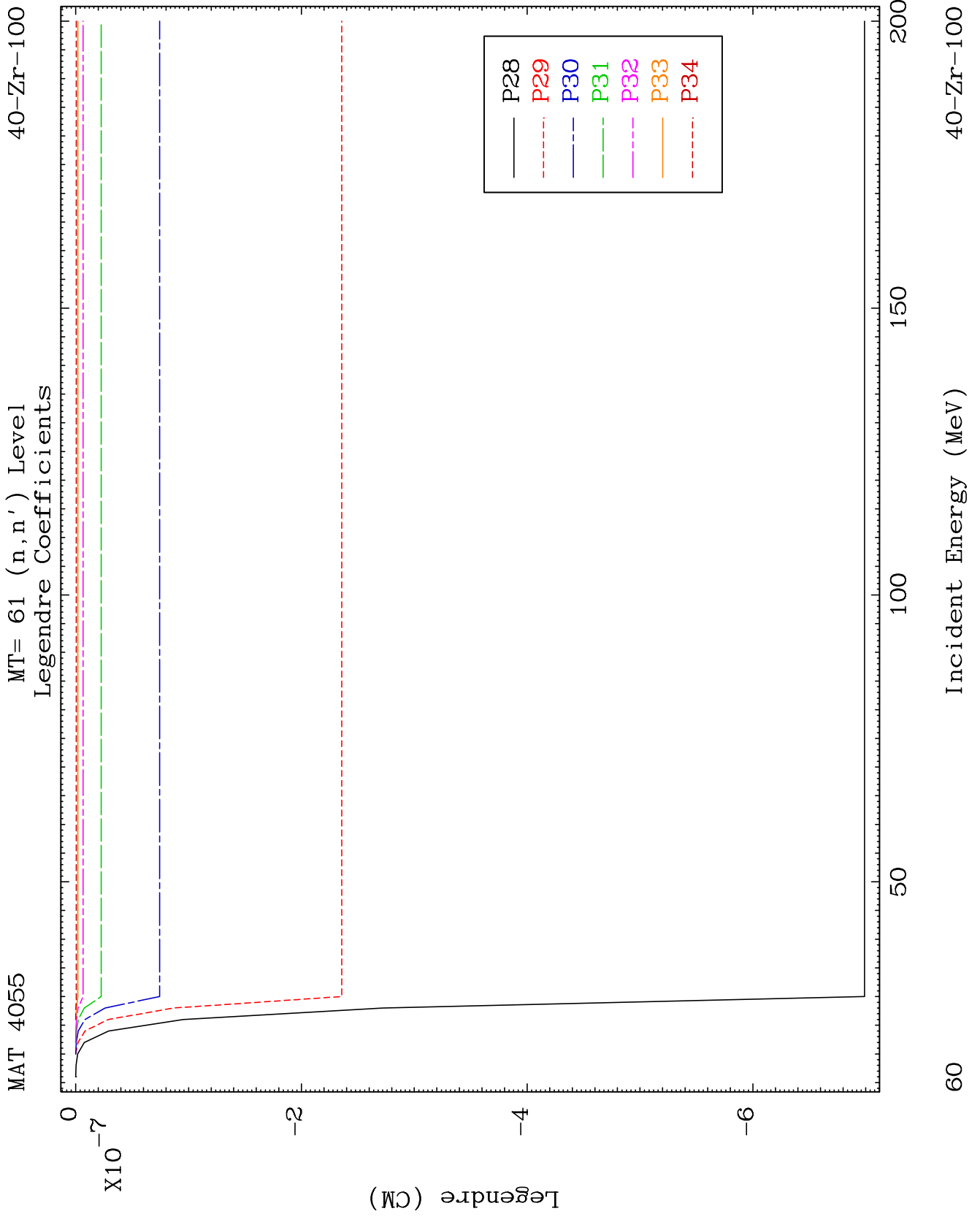








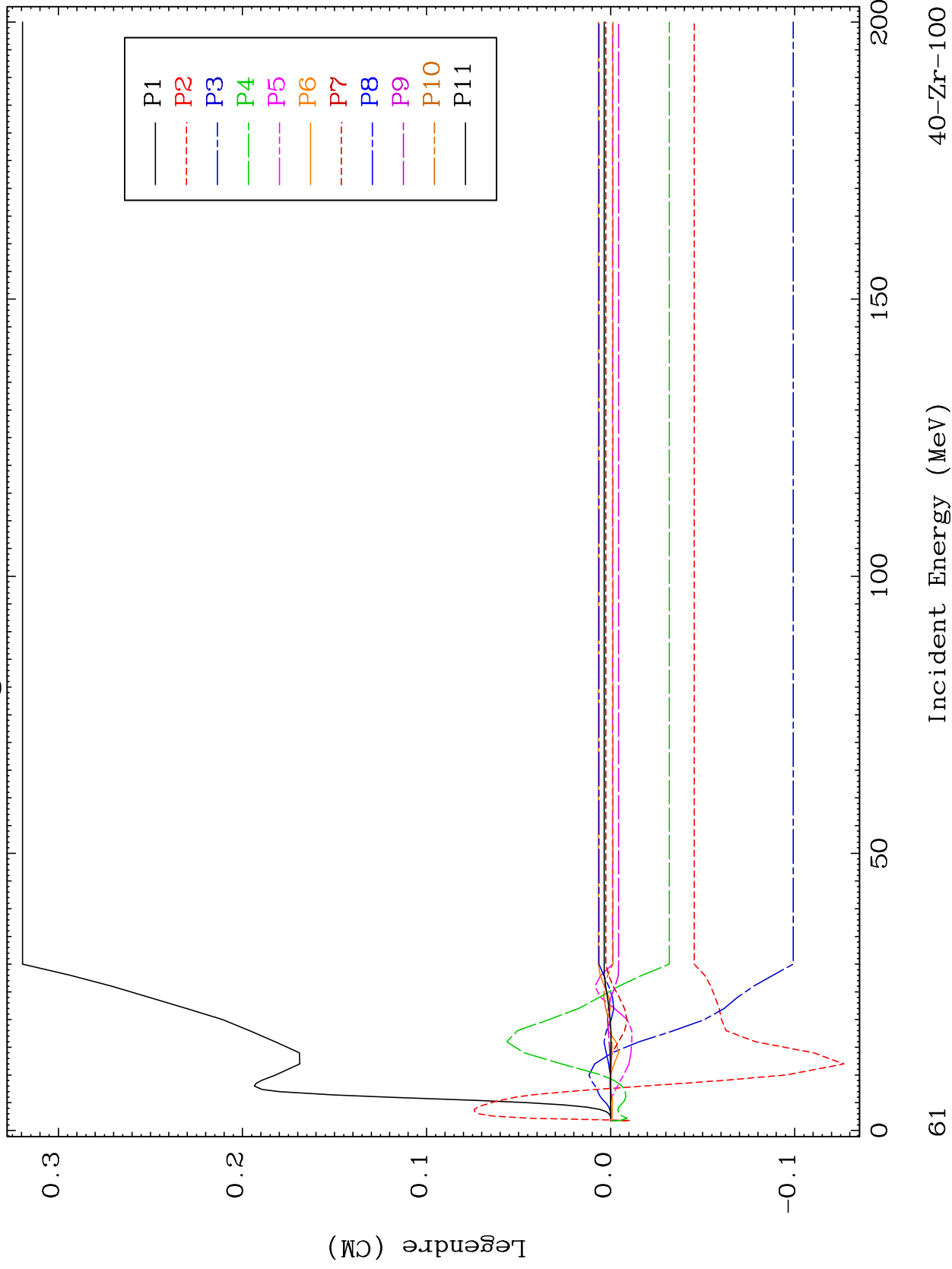




MAT 4055

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

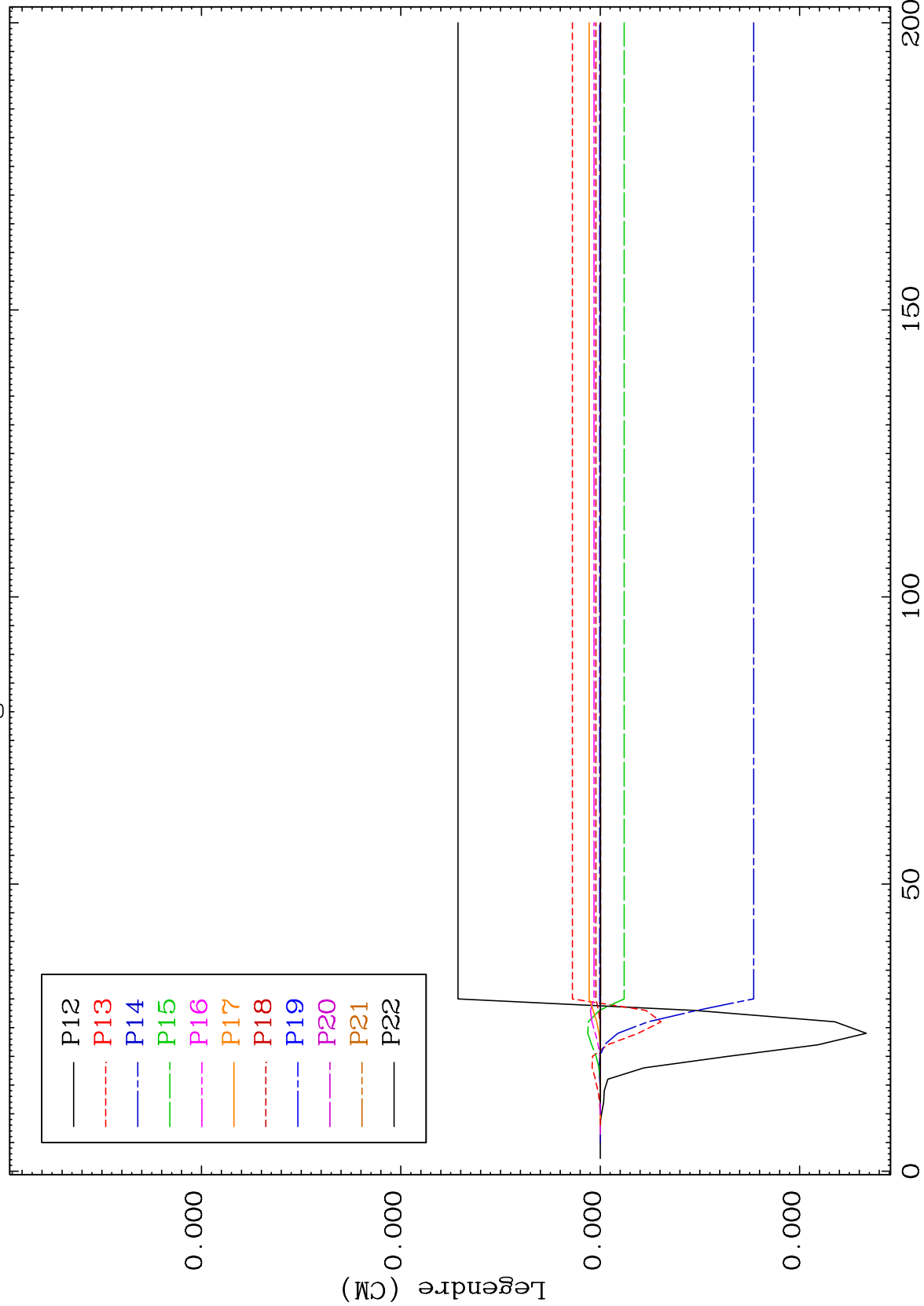
40-Zr-100



MAT 4055

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

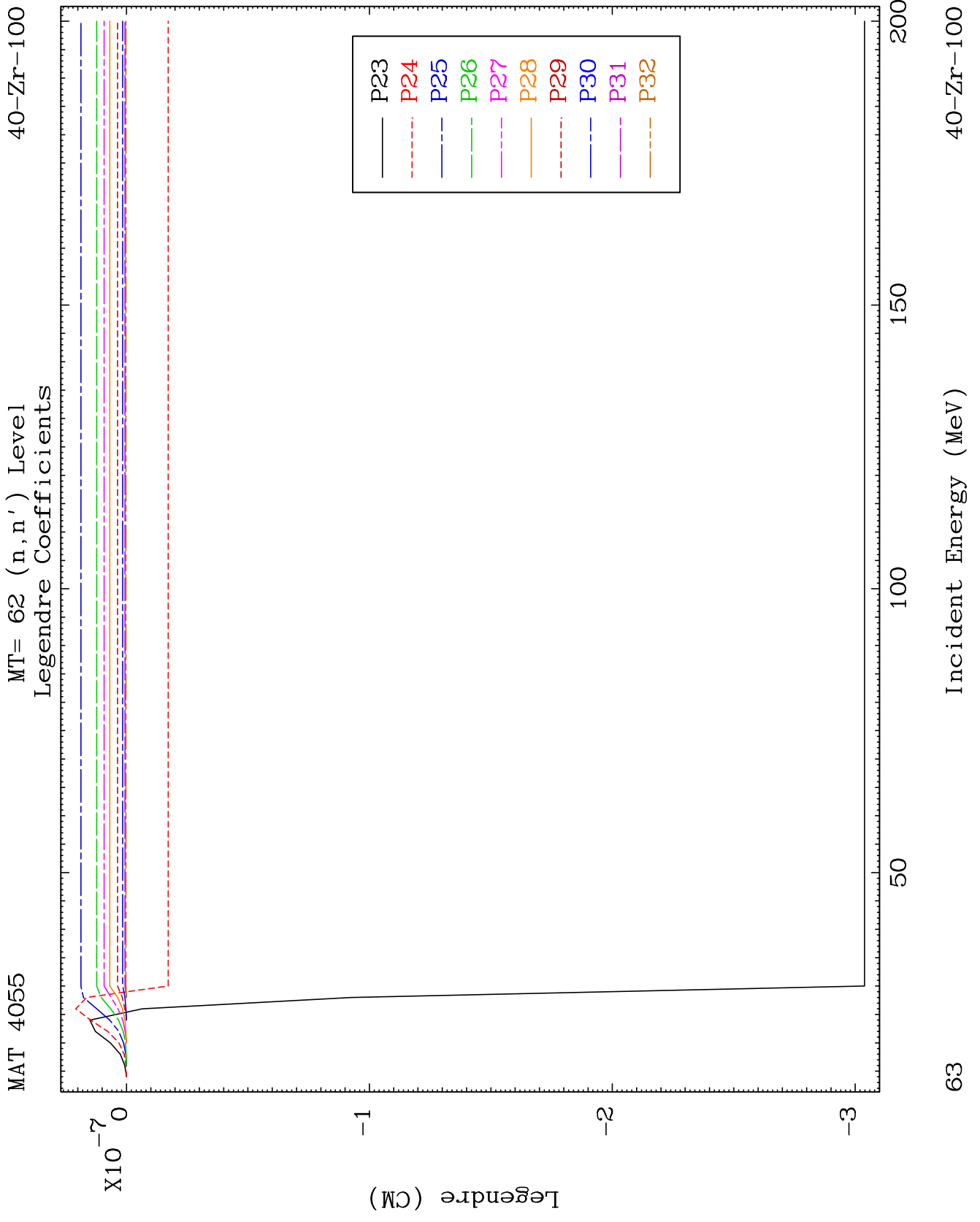
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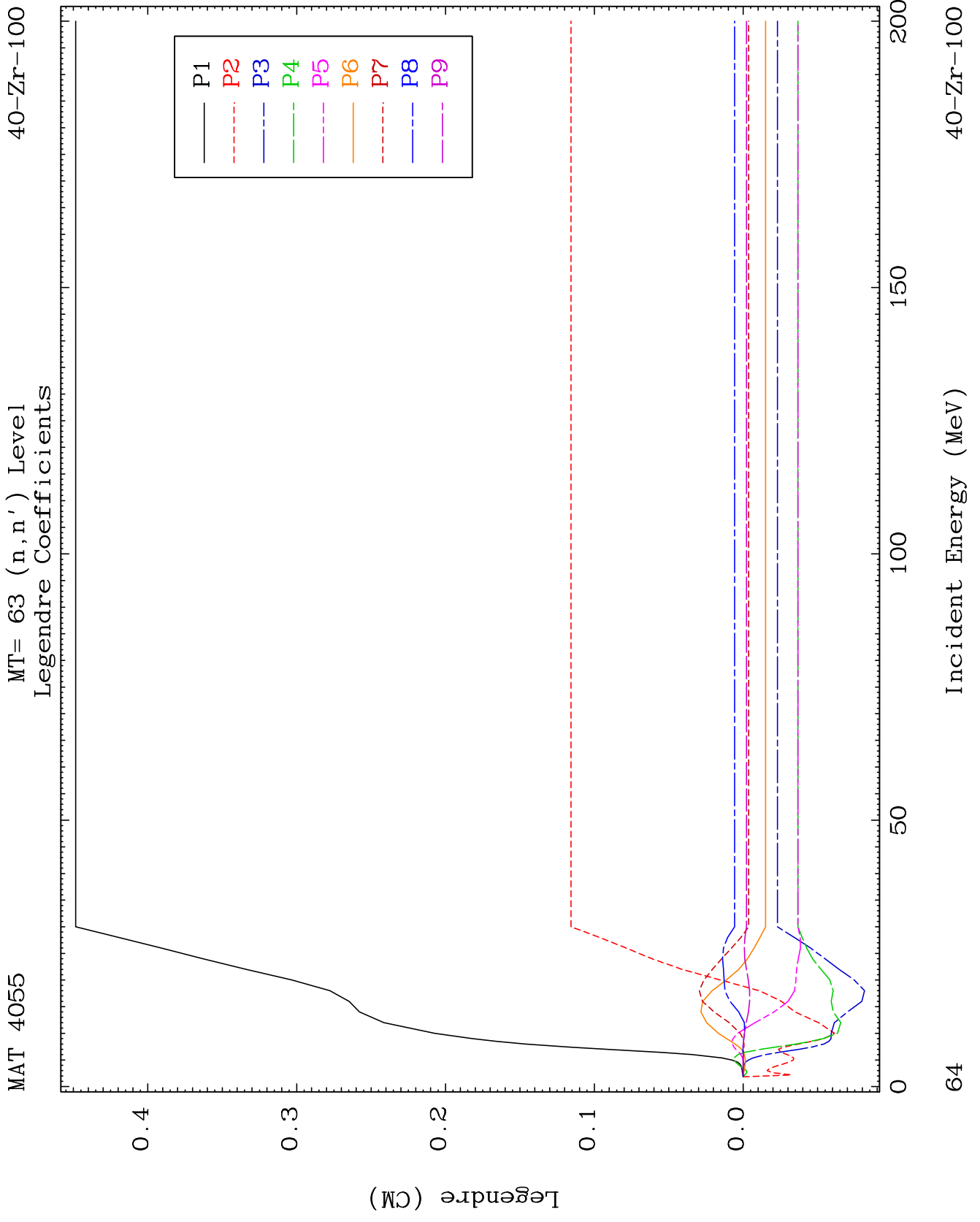


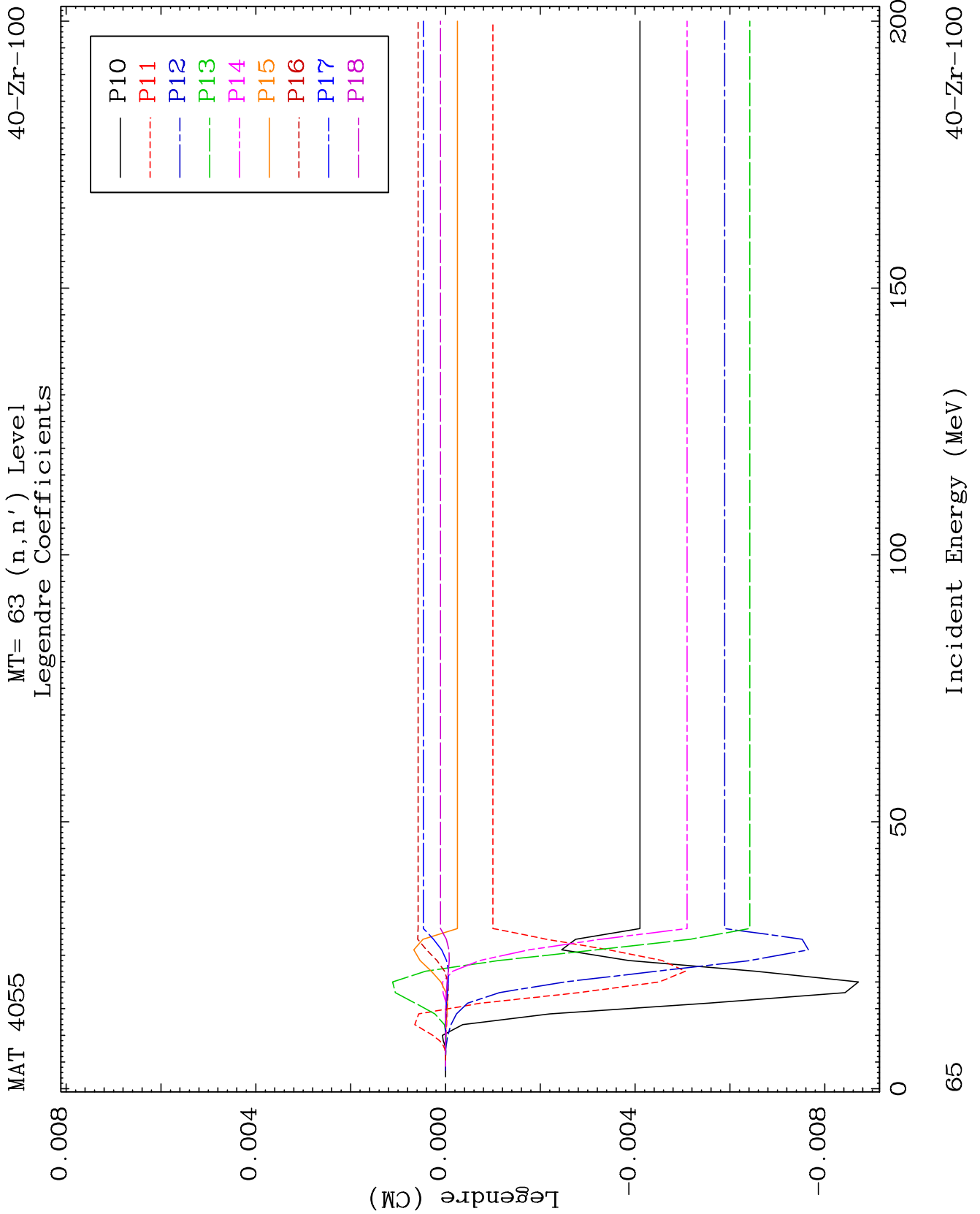
Incident Energy (MeV)

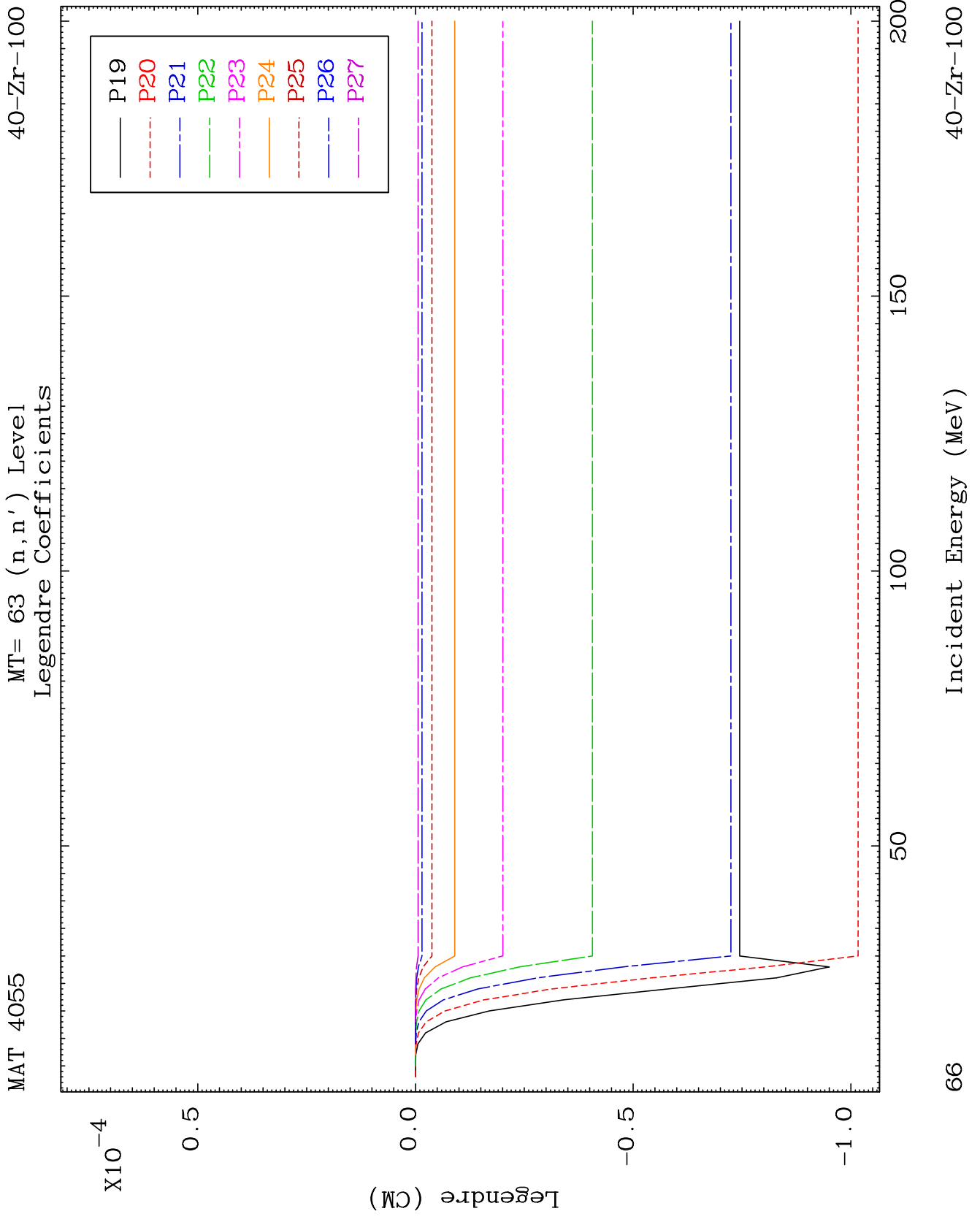
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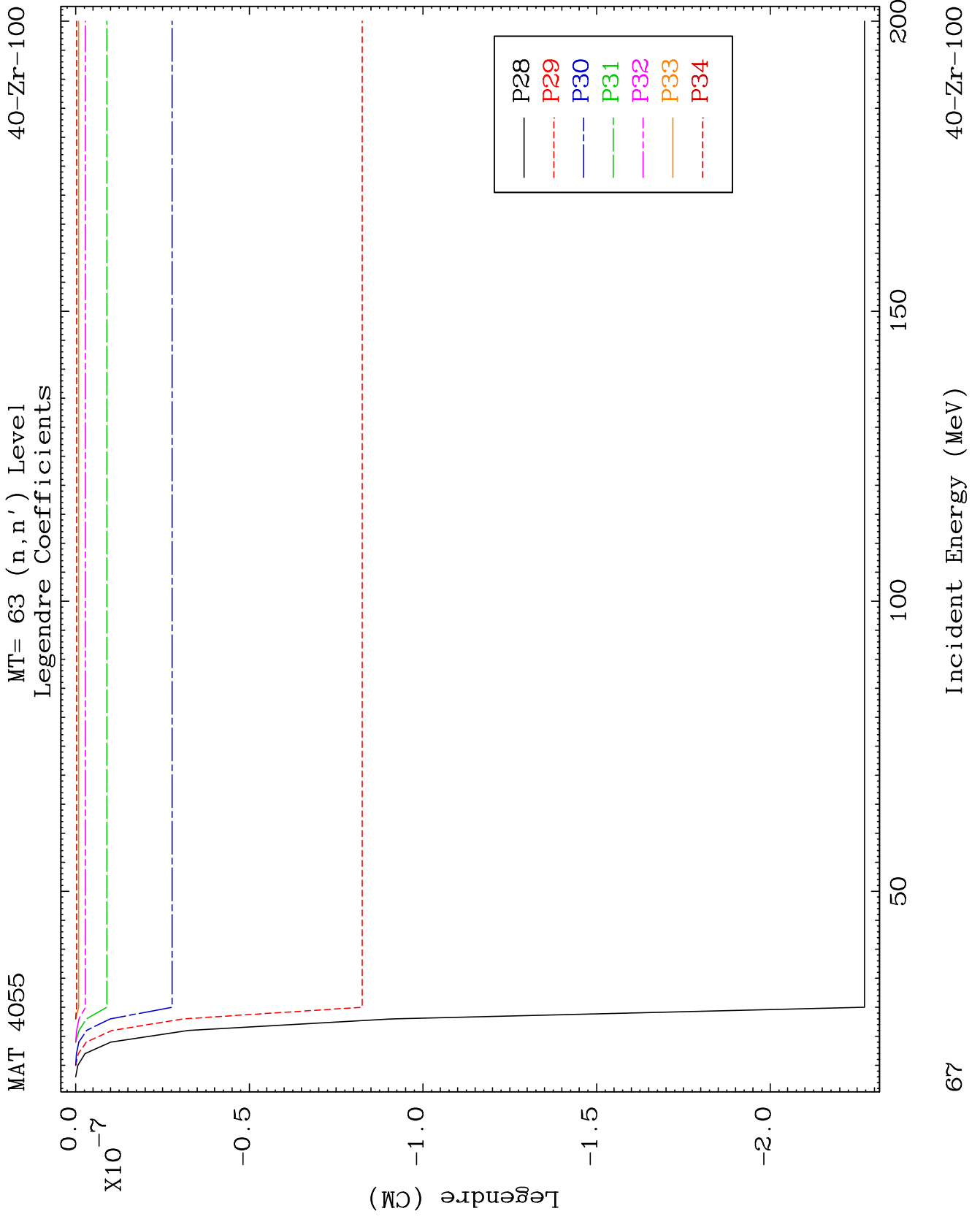
62

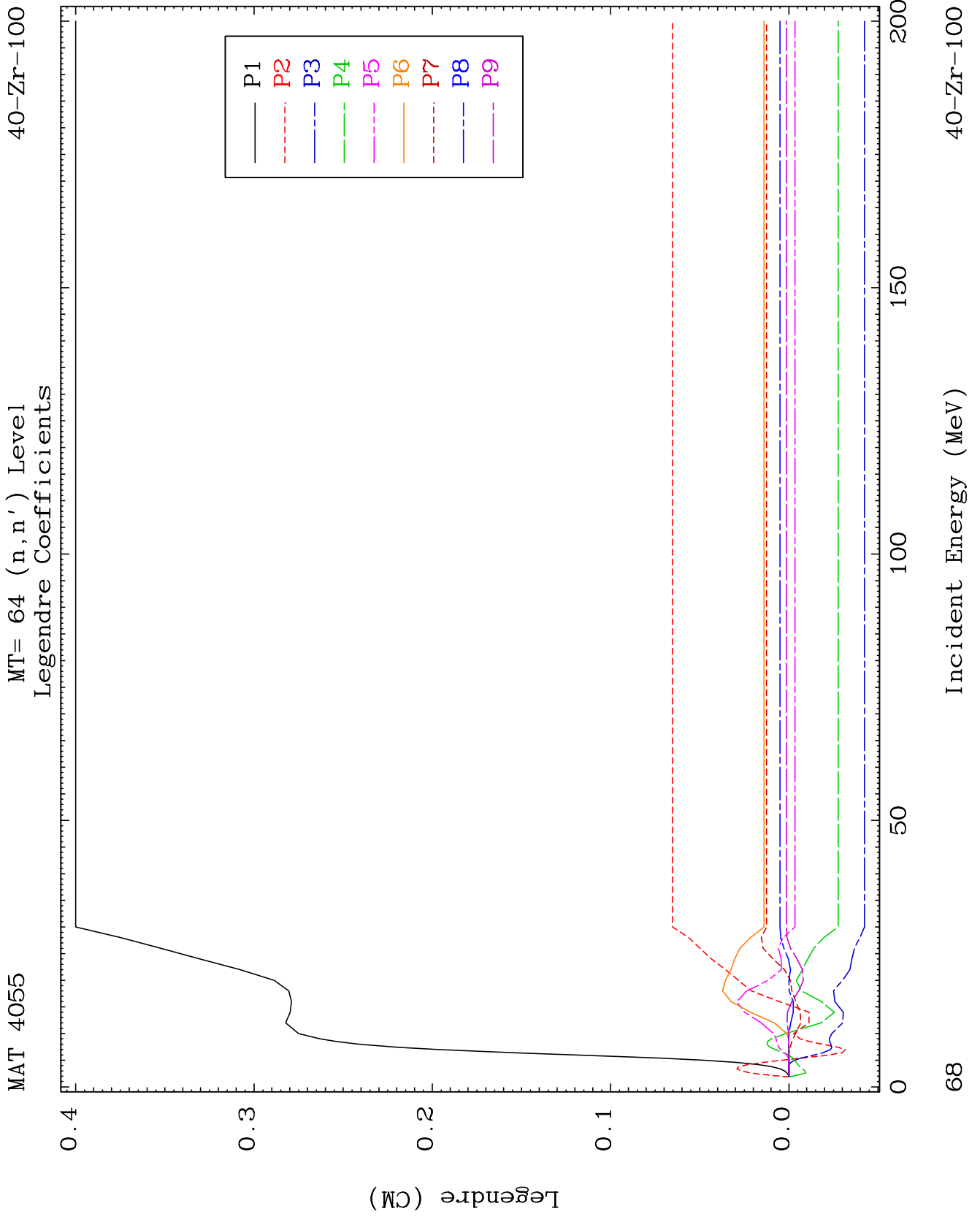








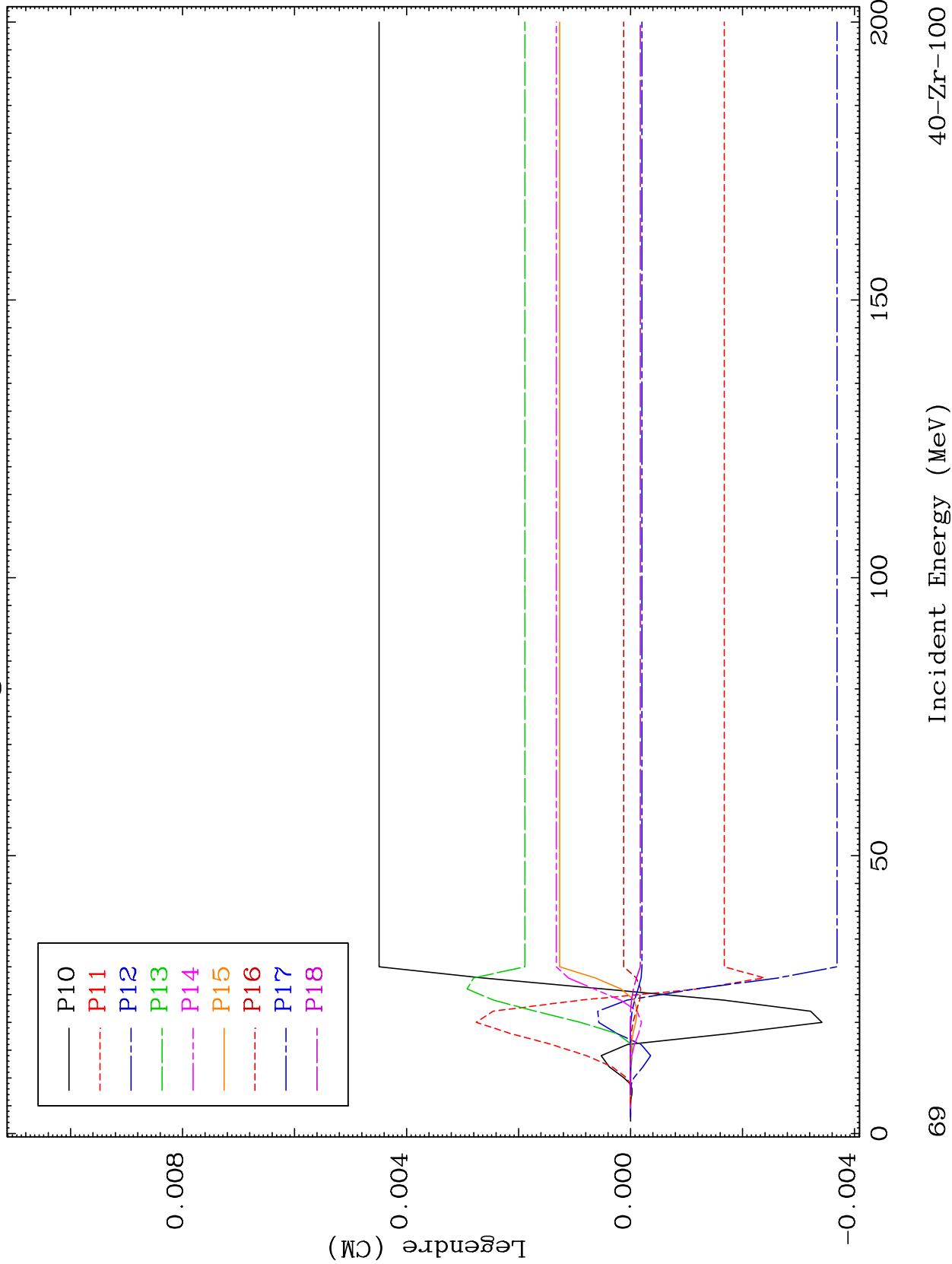




MAT 4055

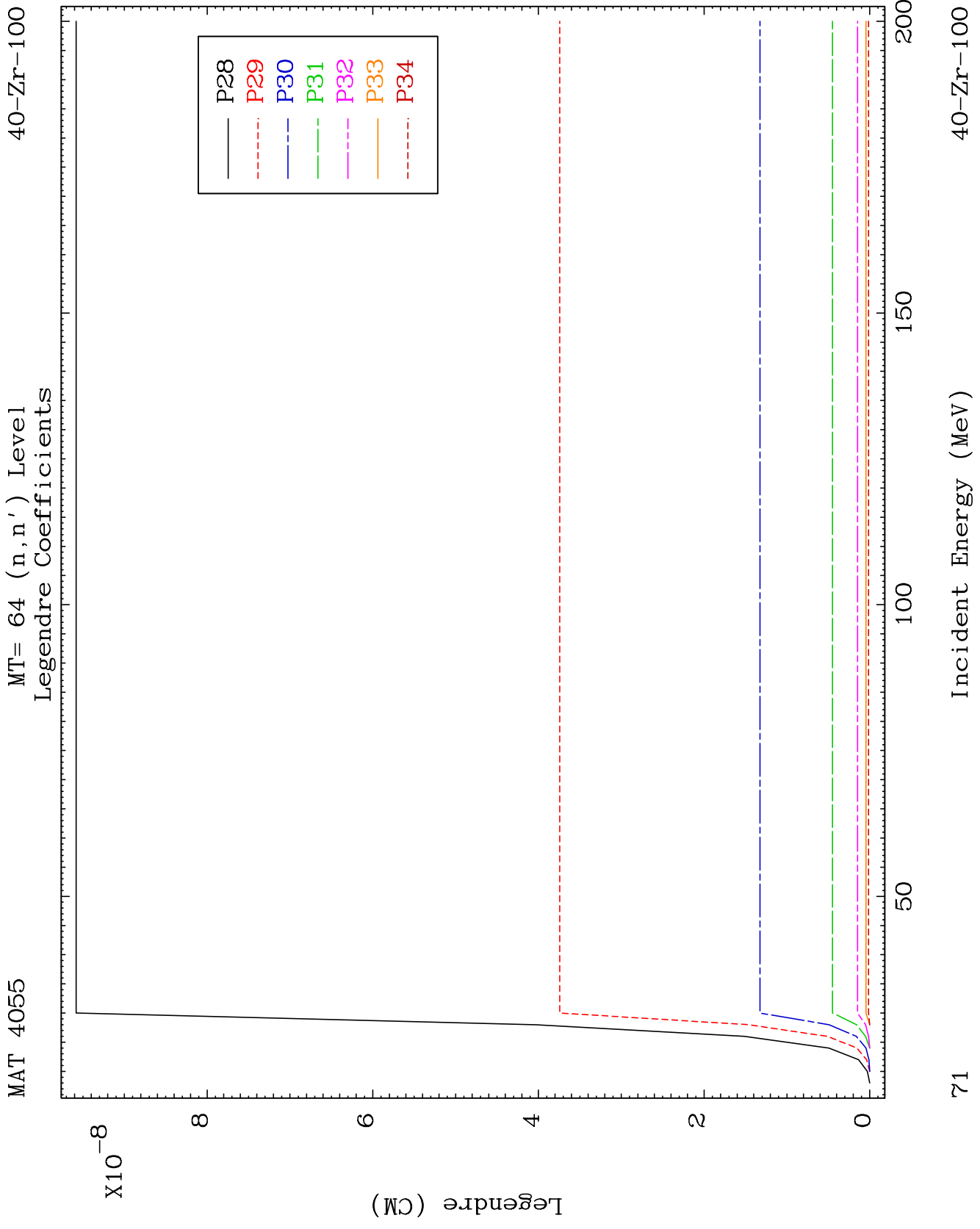
MT= 64 (n,n') Level
Legendre Coefficients

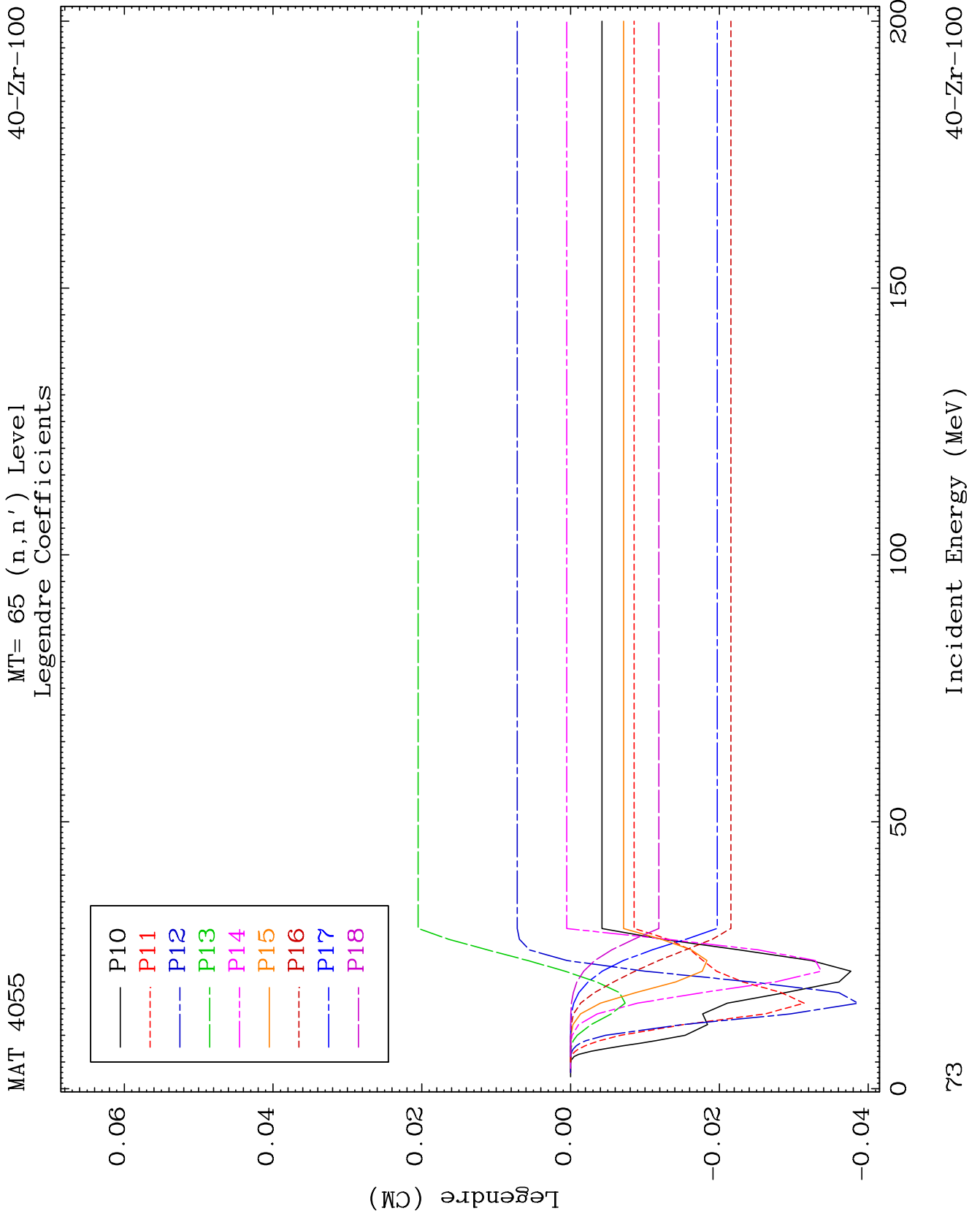
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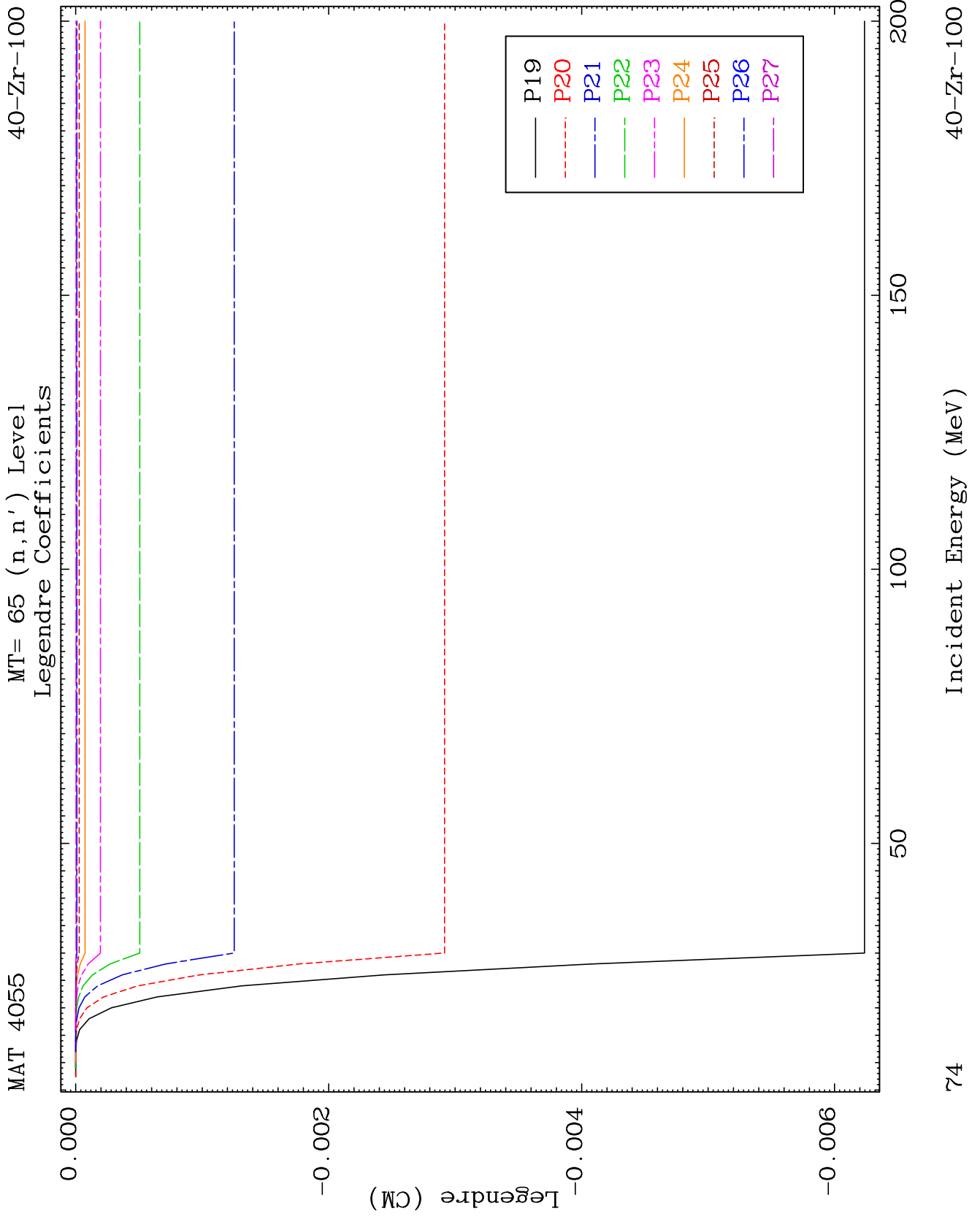


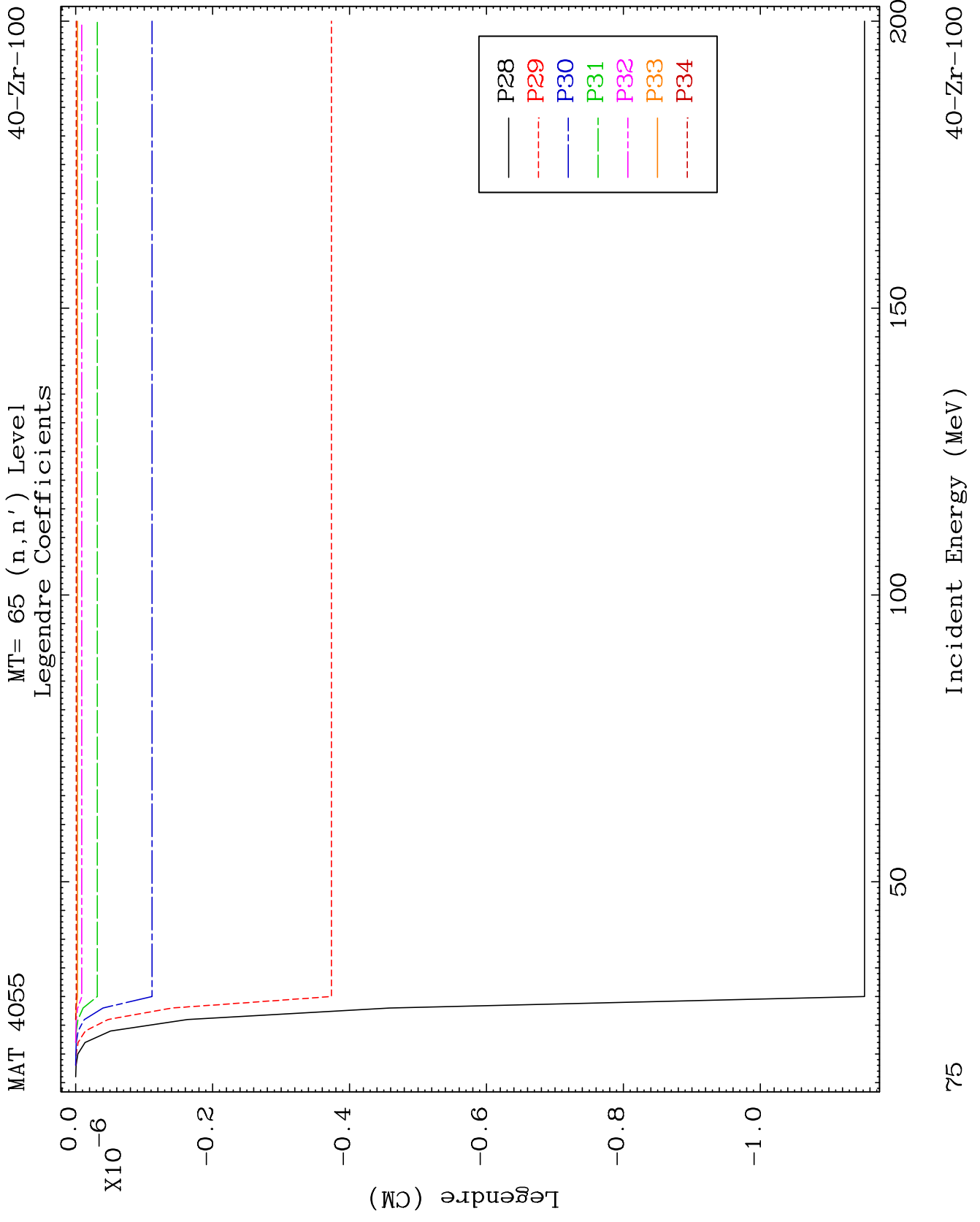
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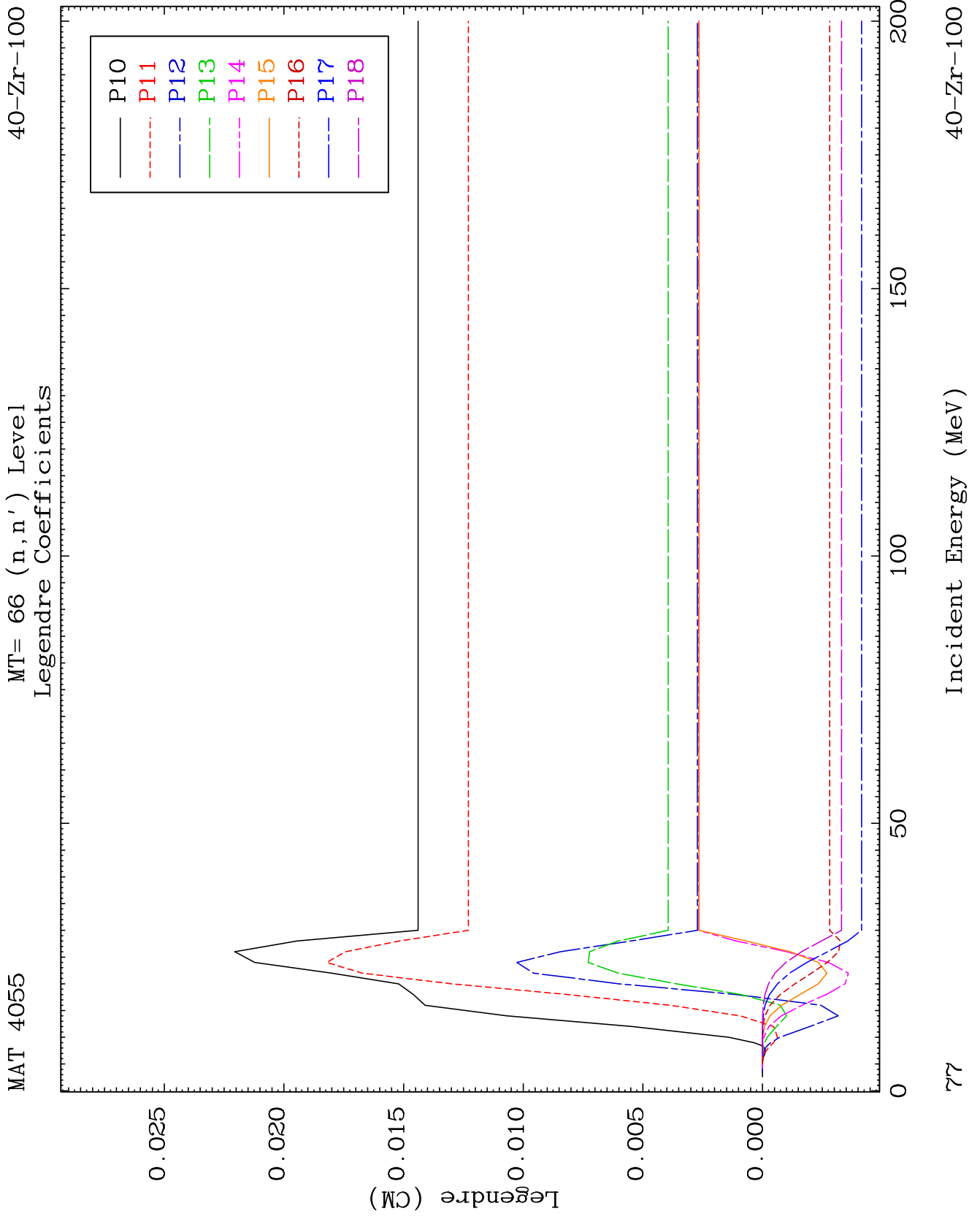
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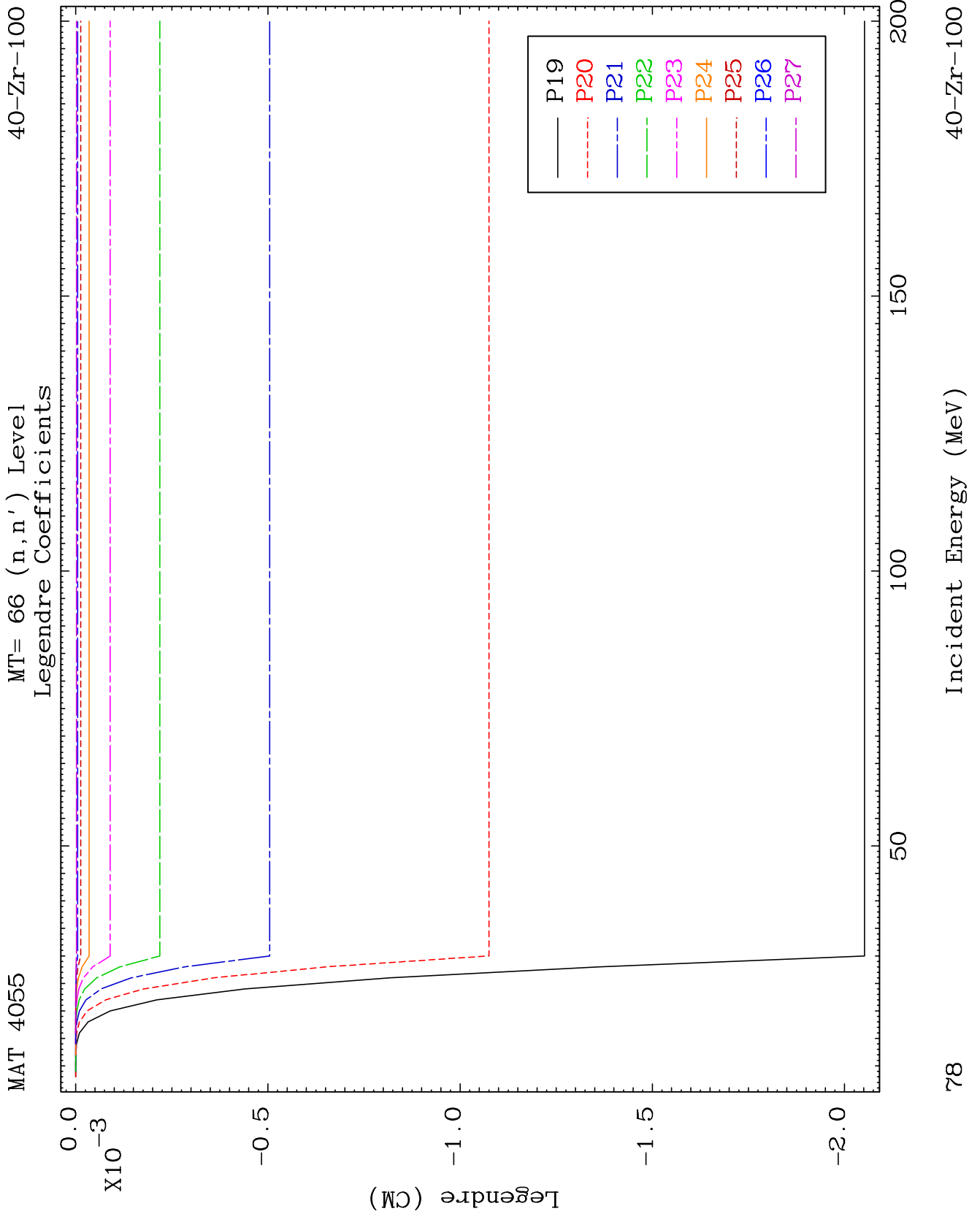


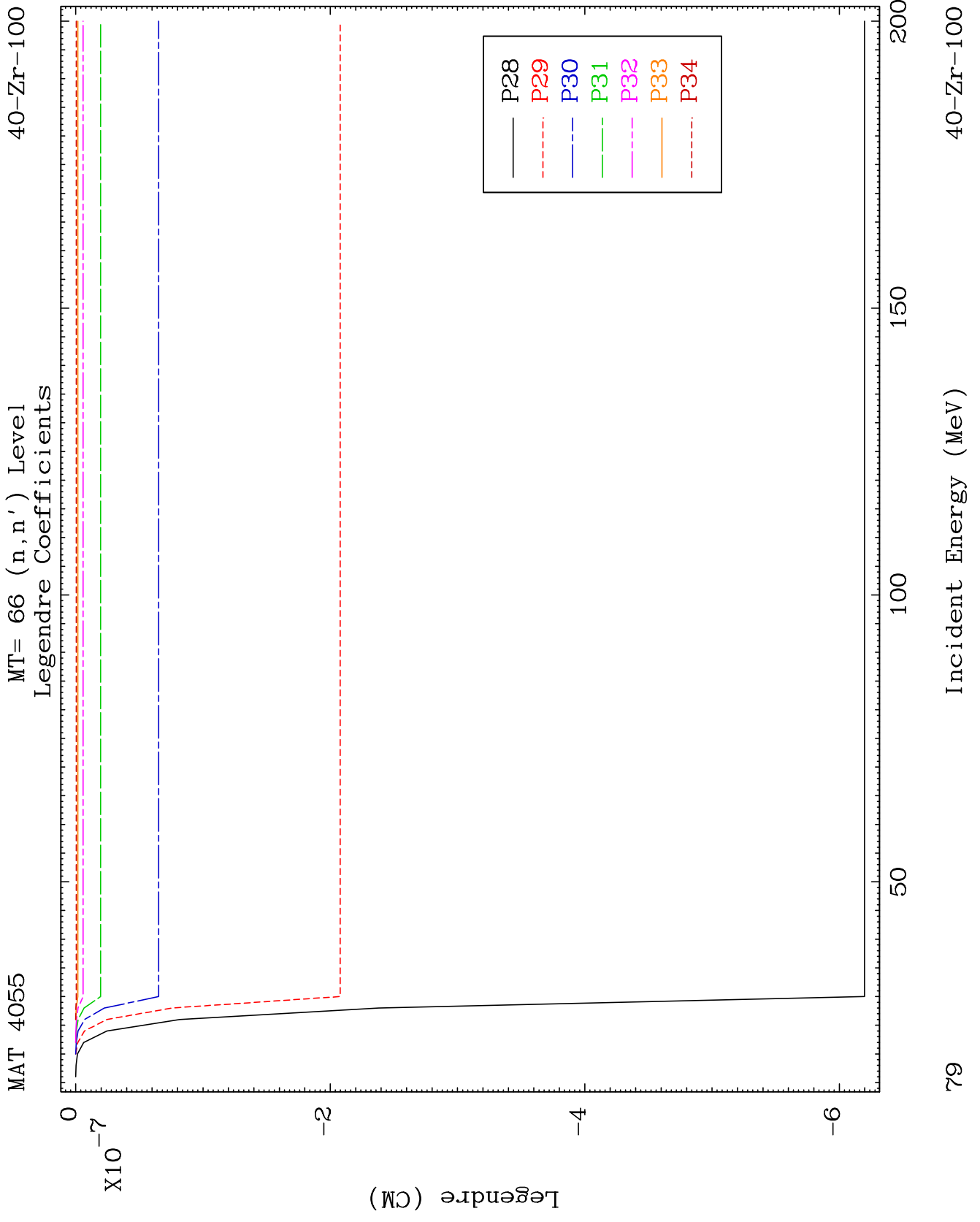








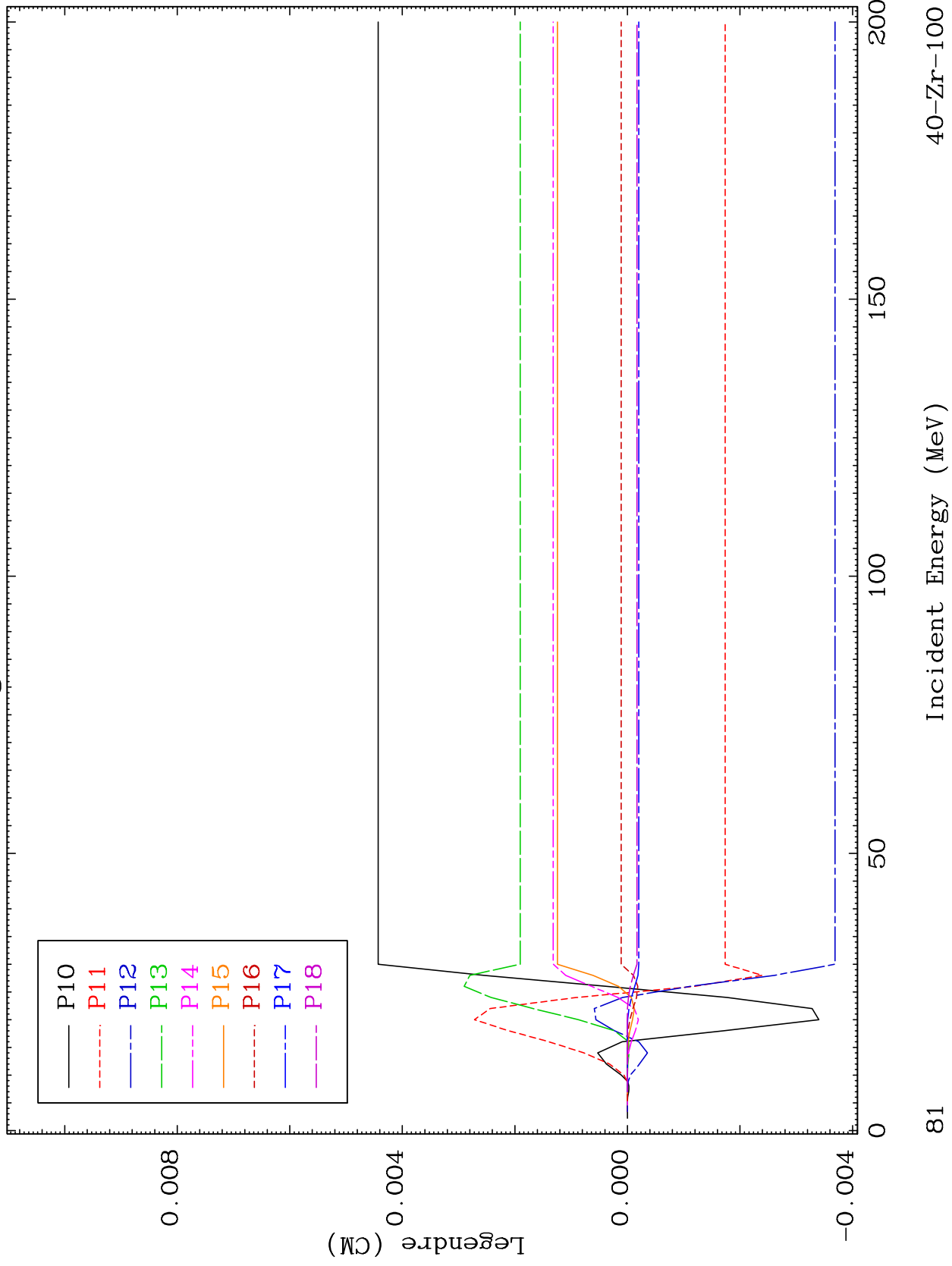




MAT 4055

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

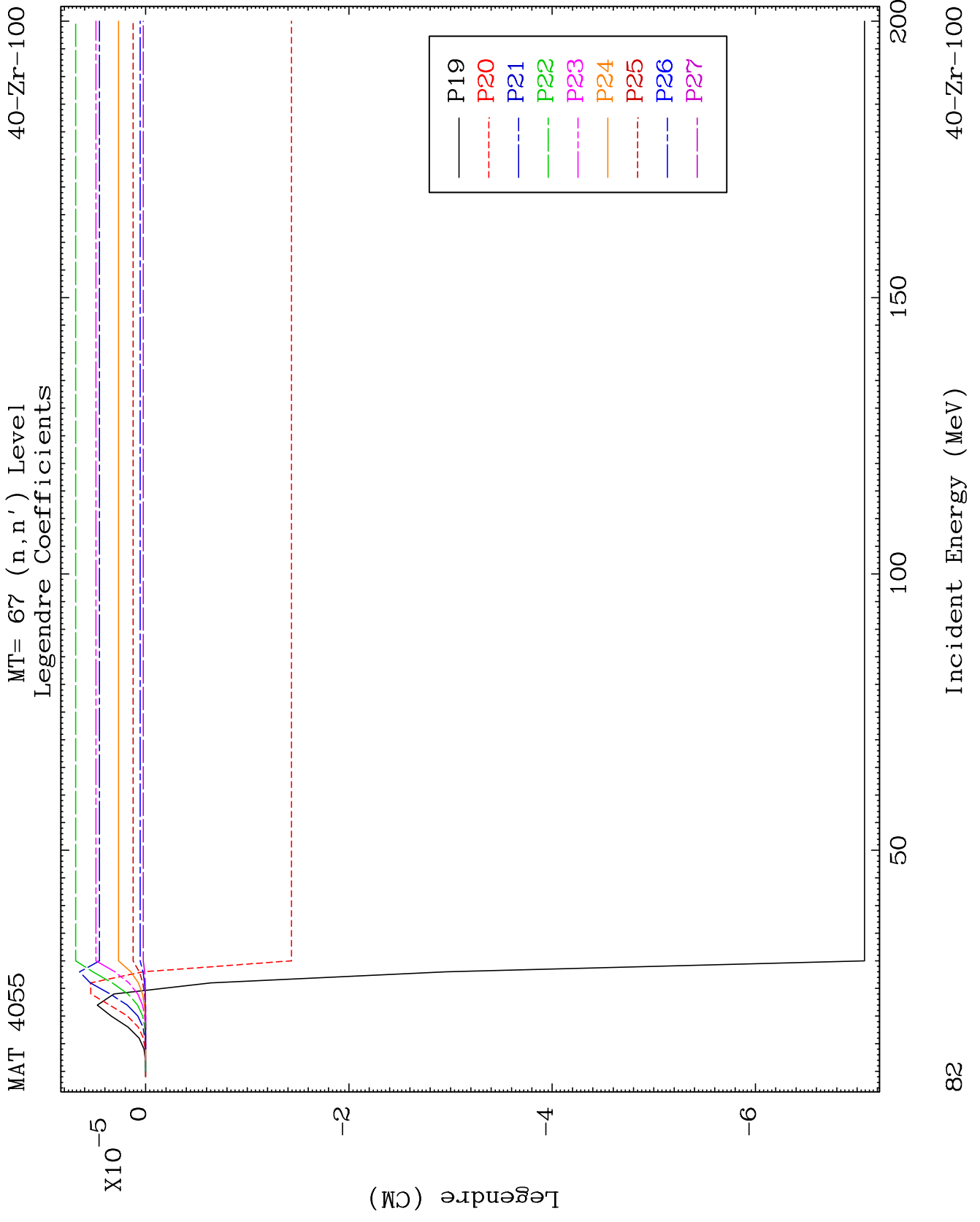
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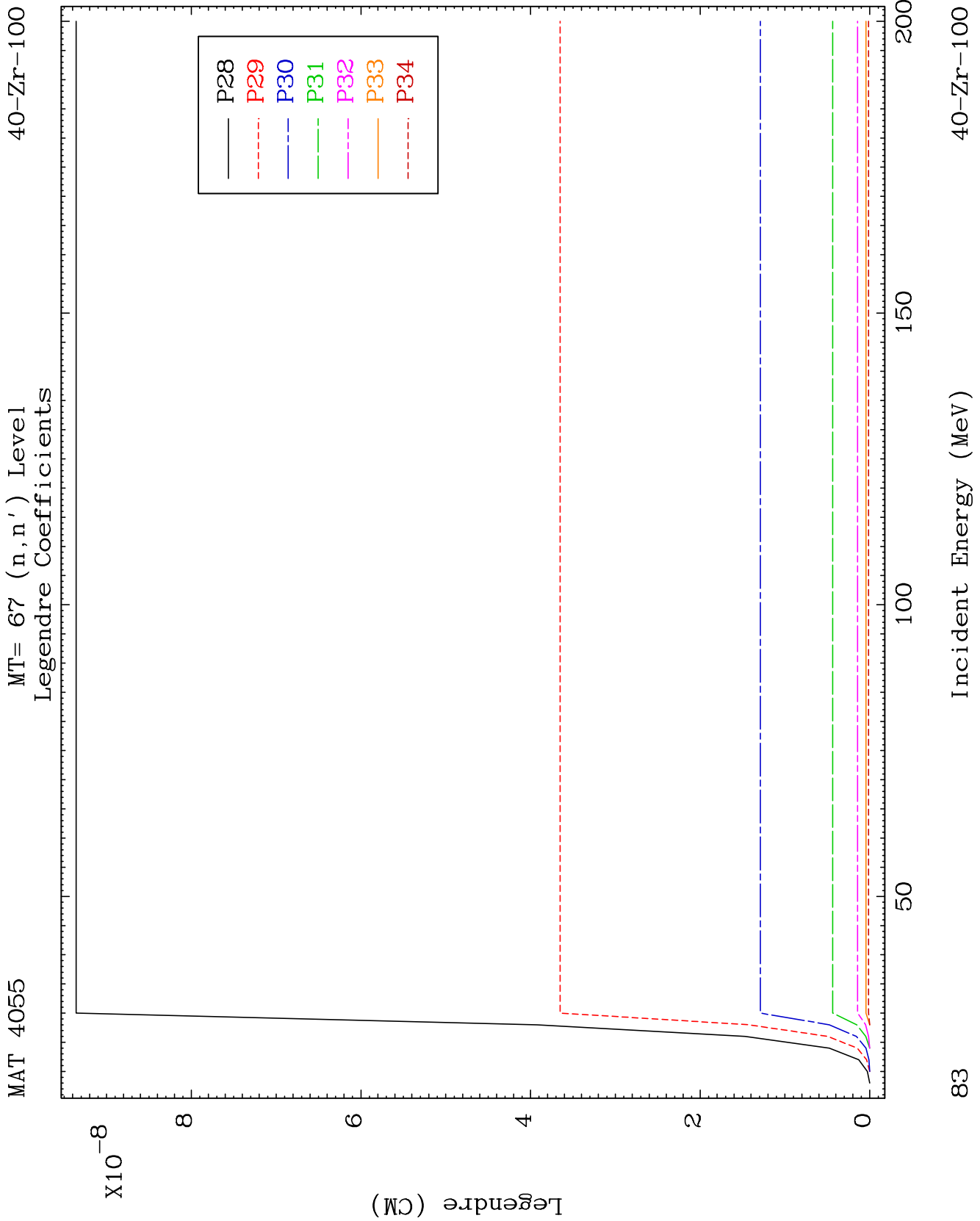


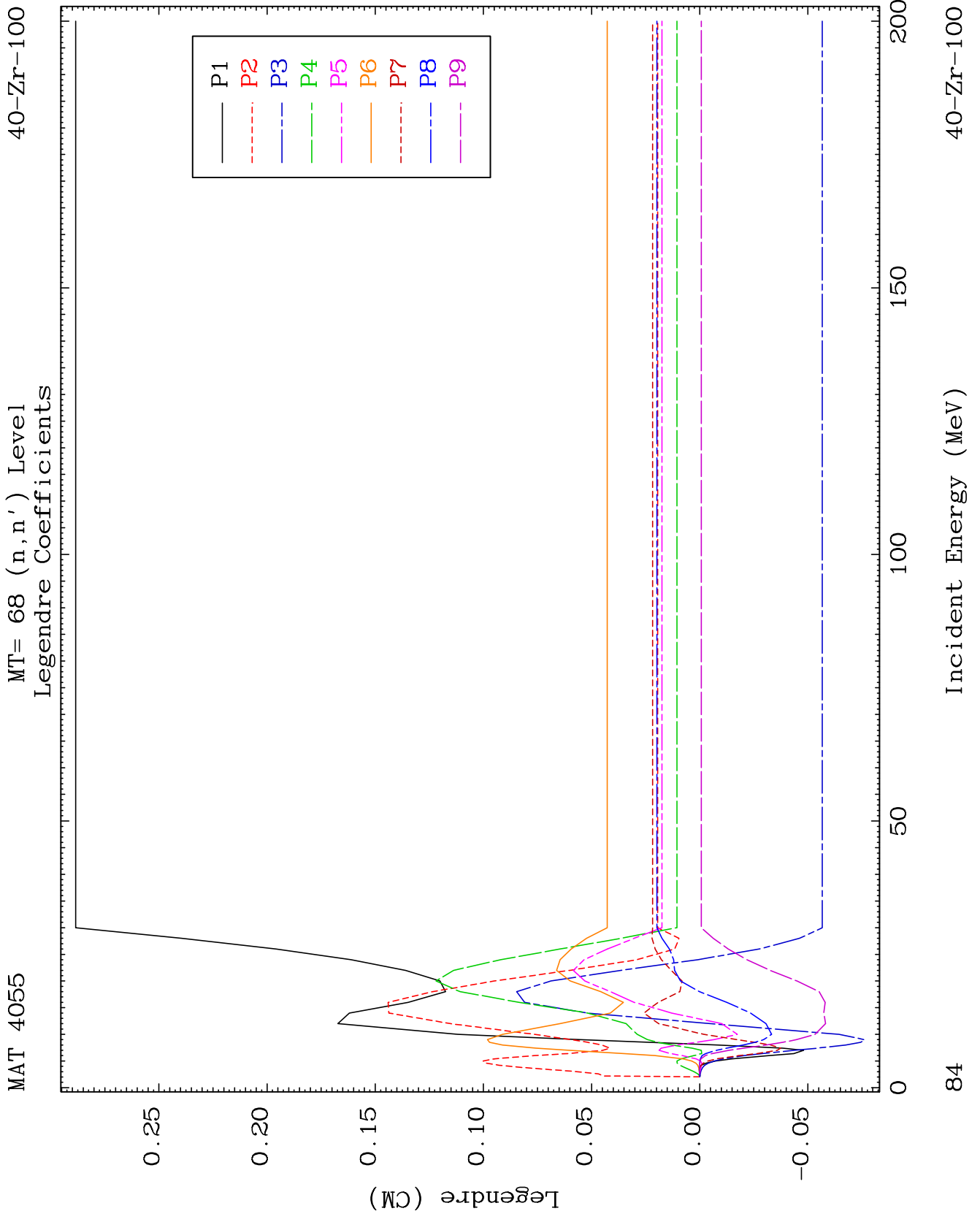
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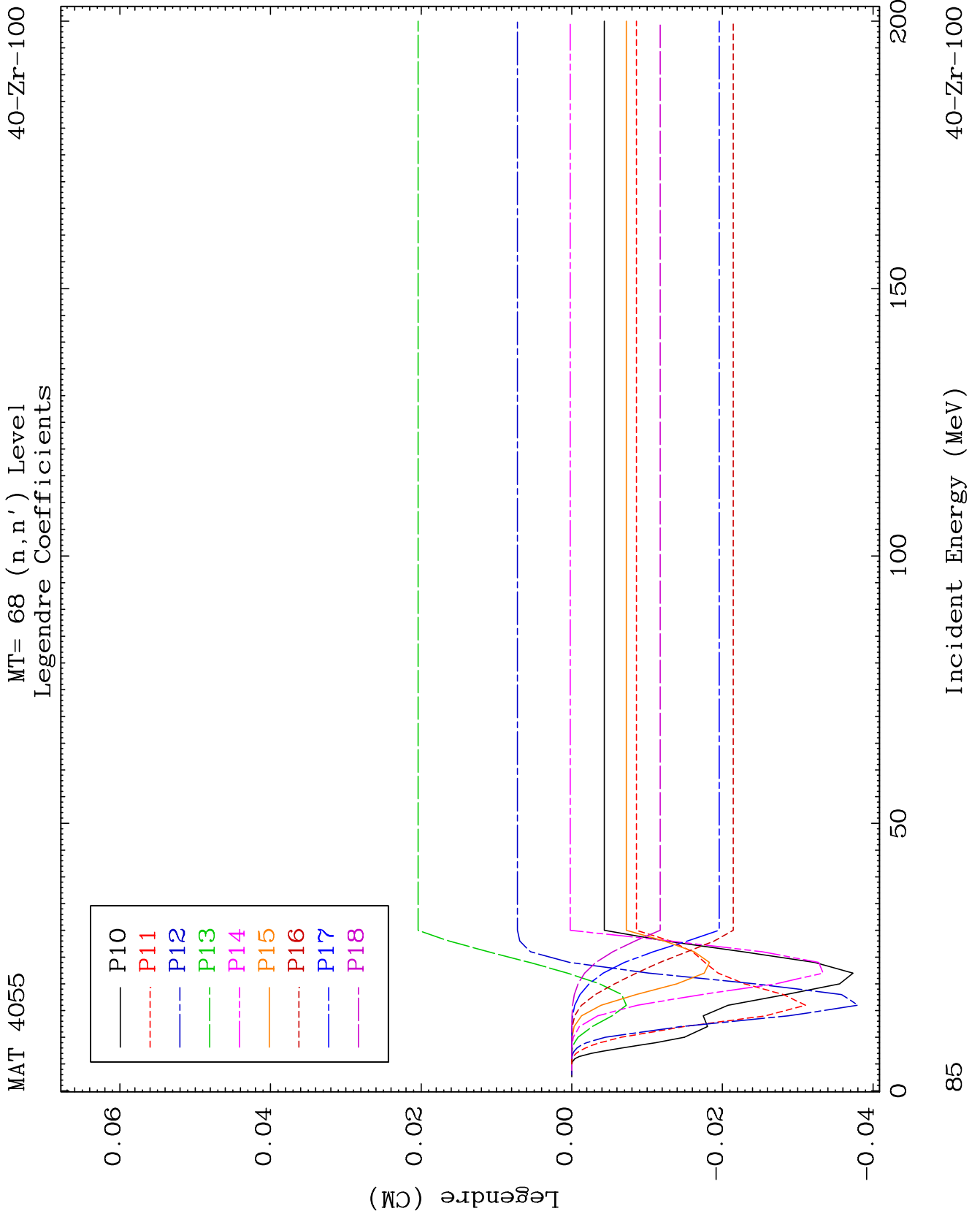
Incident Energy (MeV)

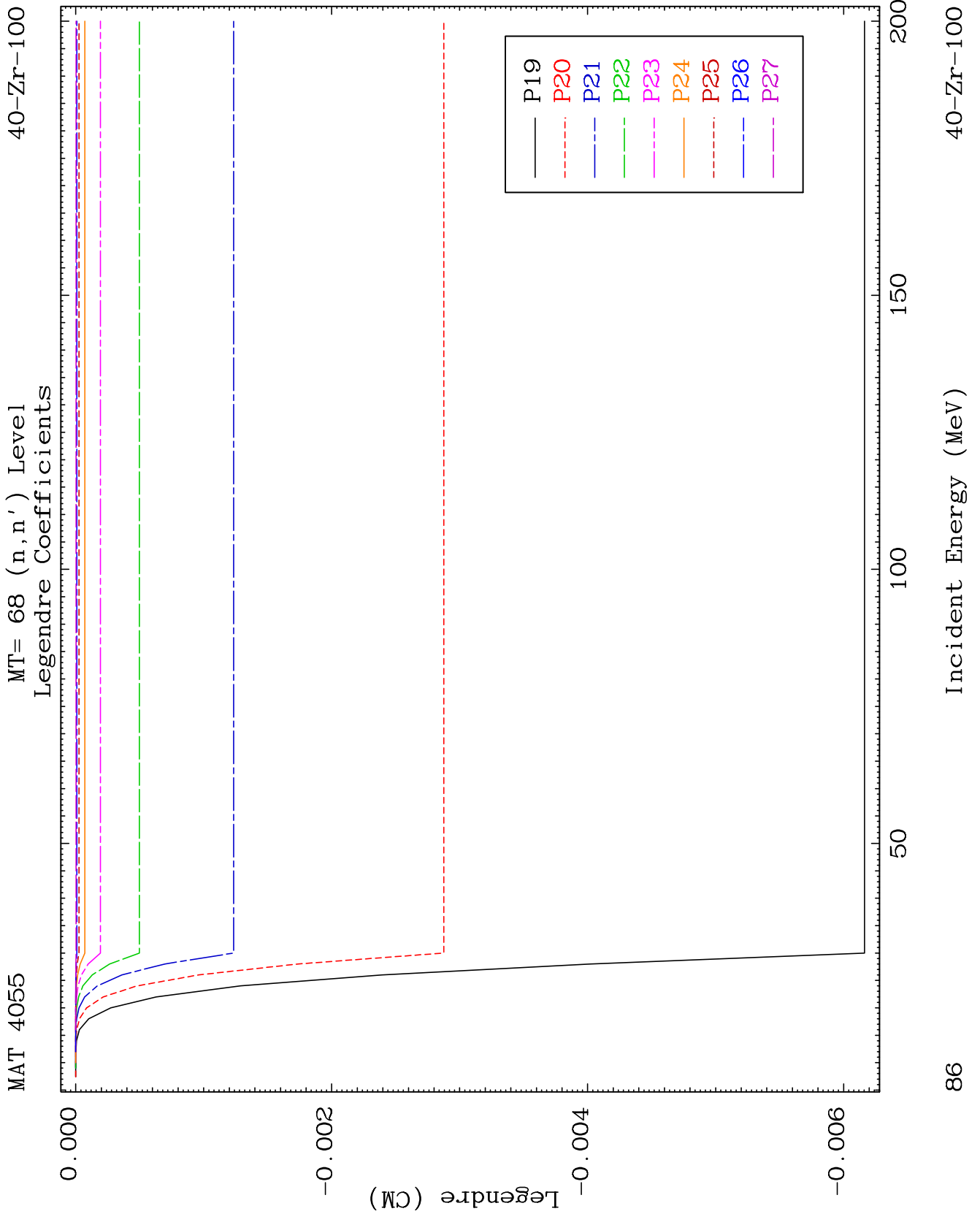
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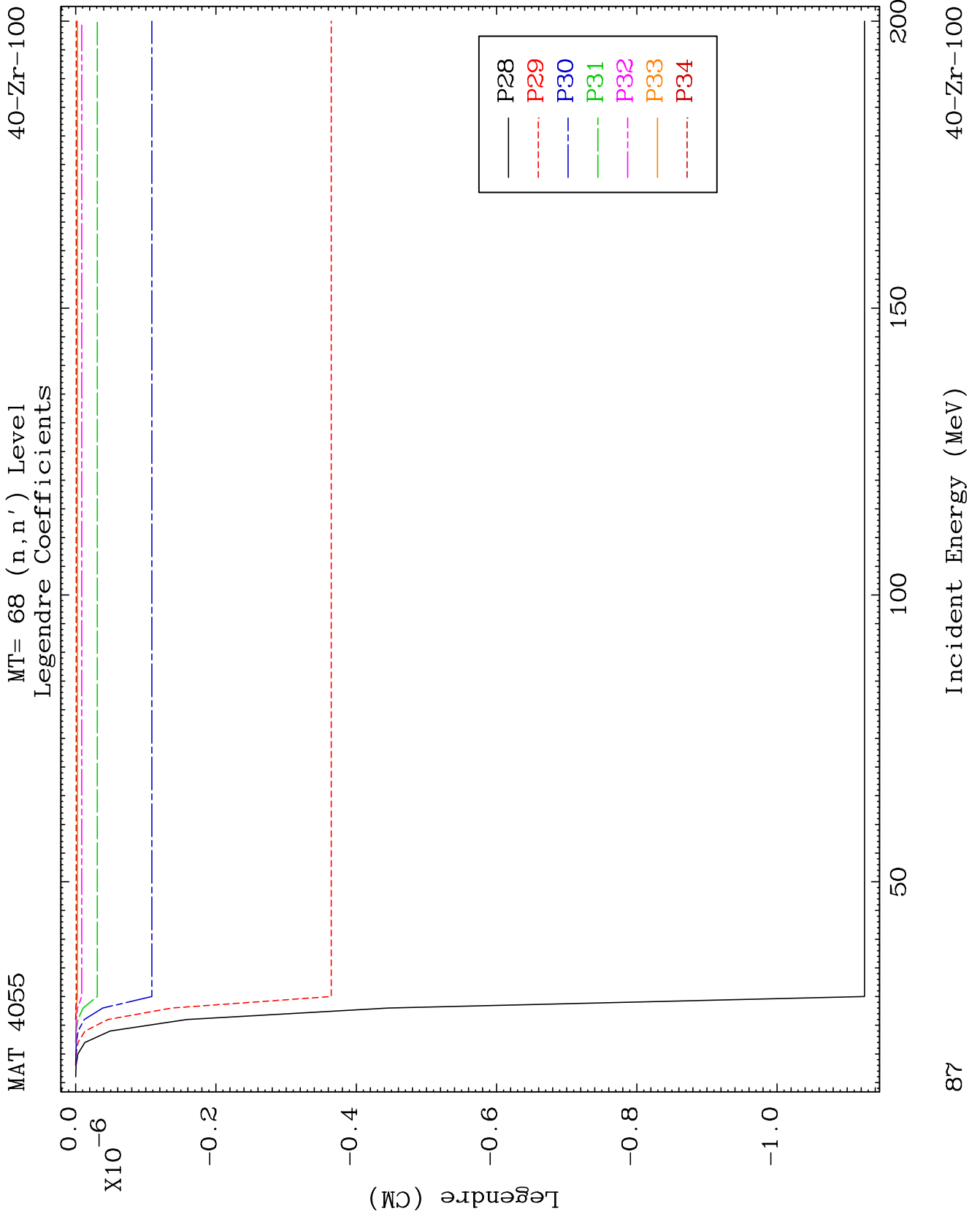


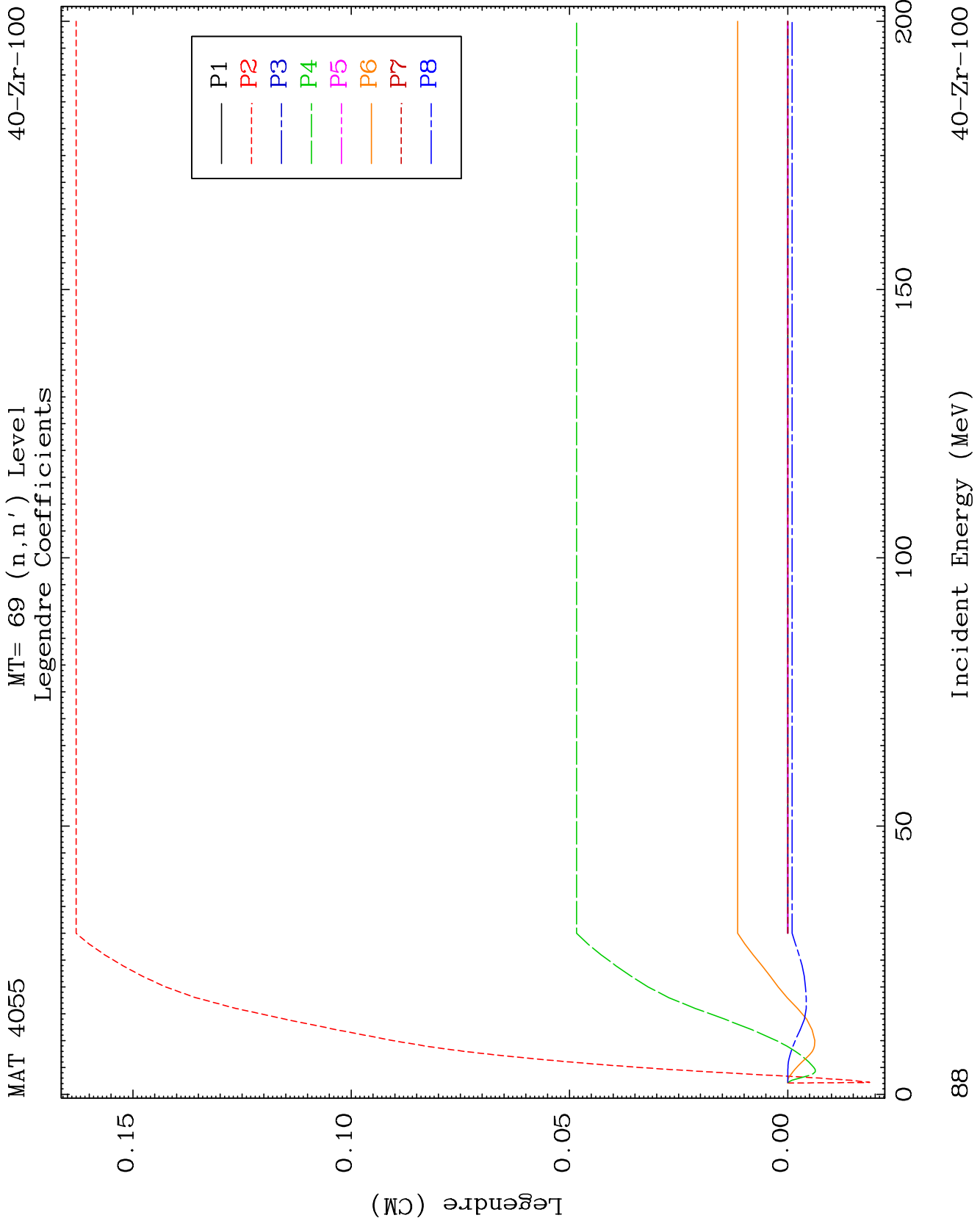


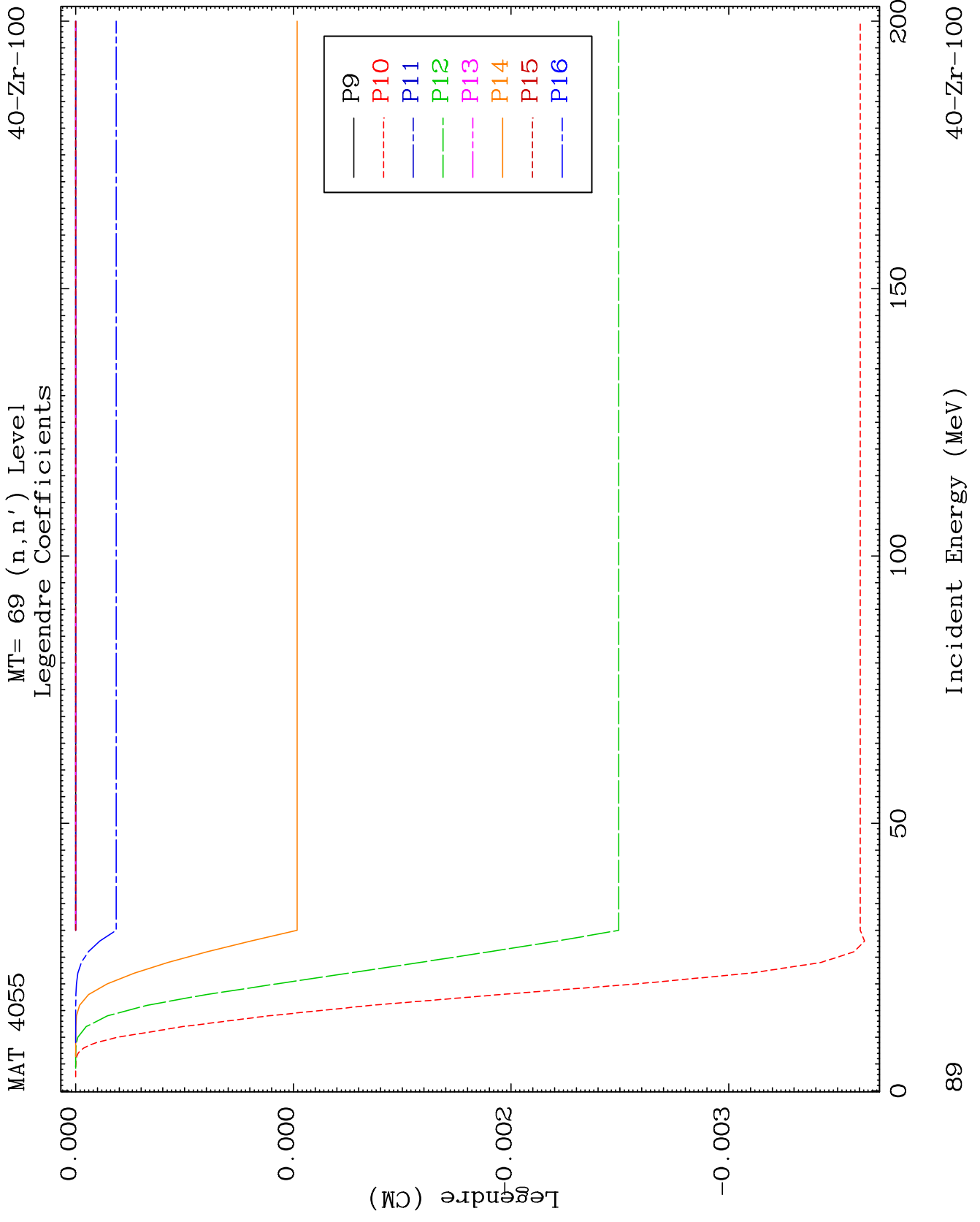


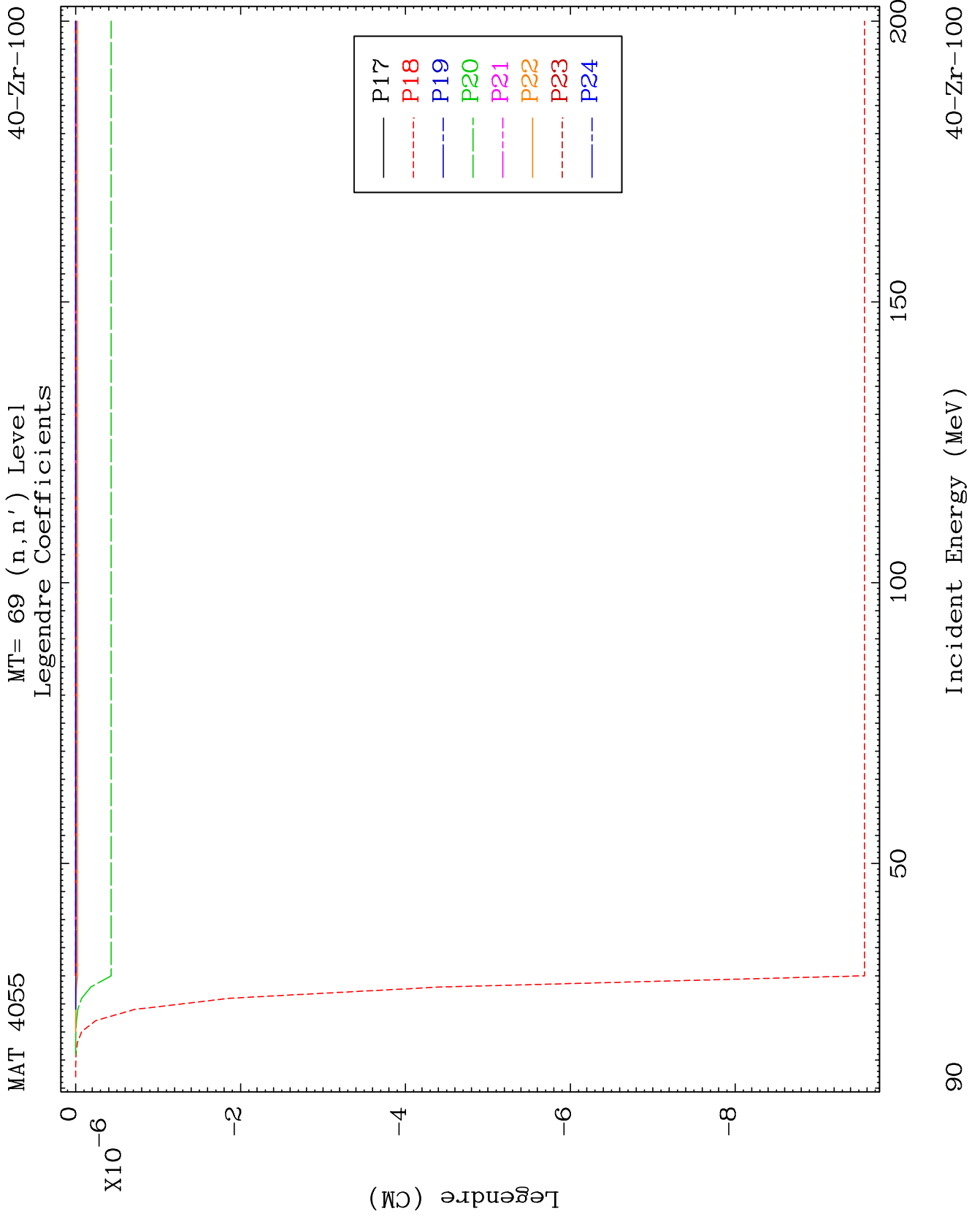


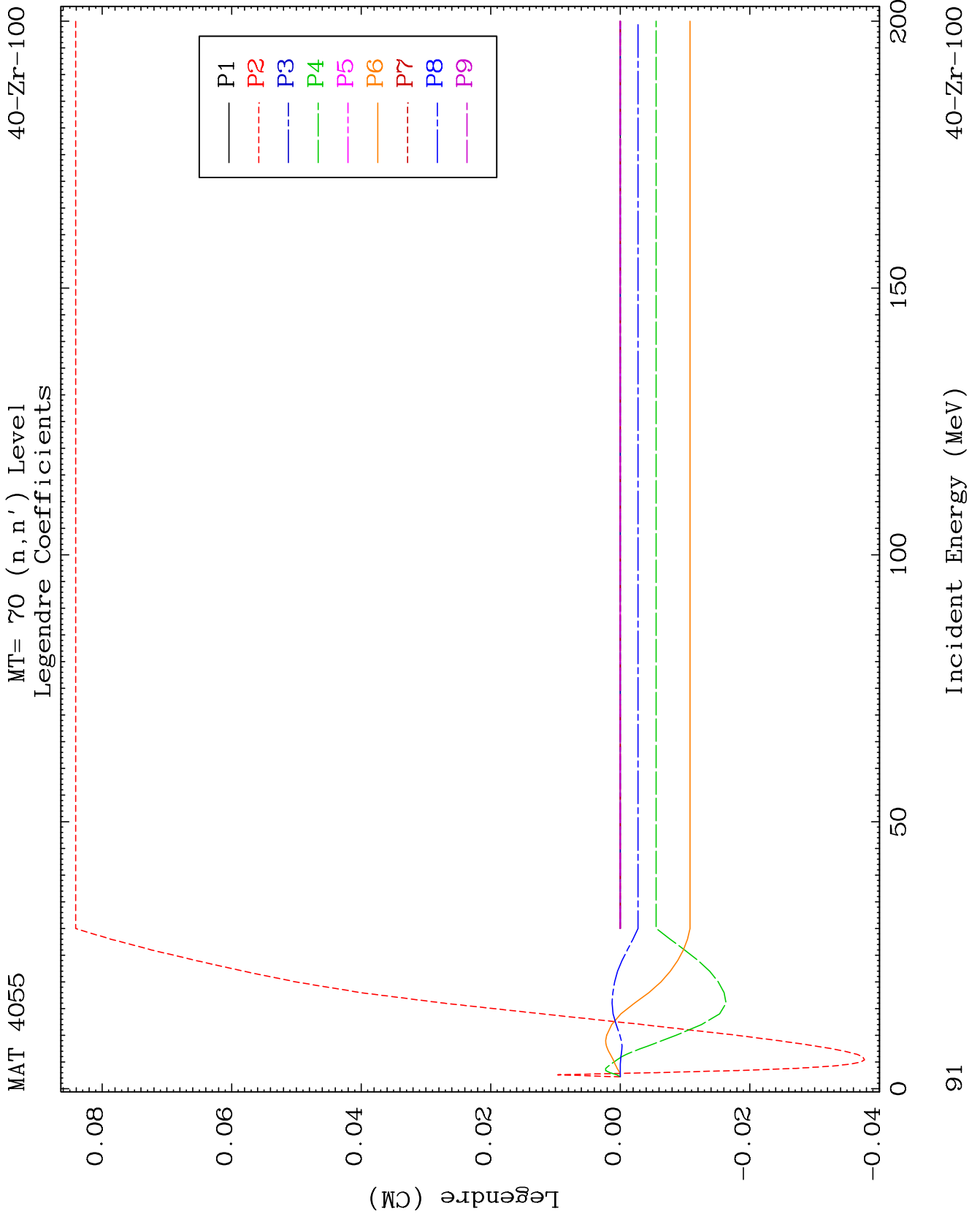


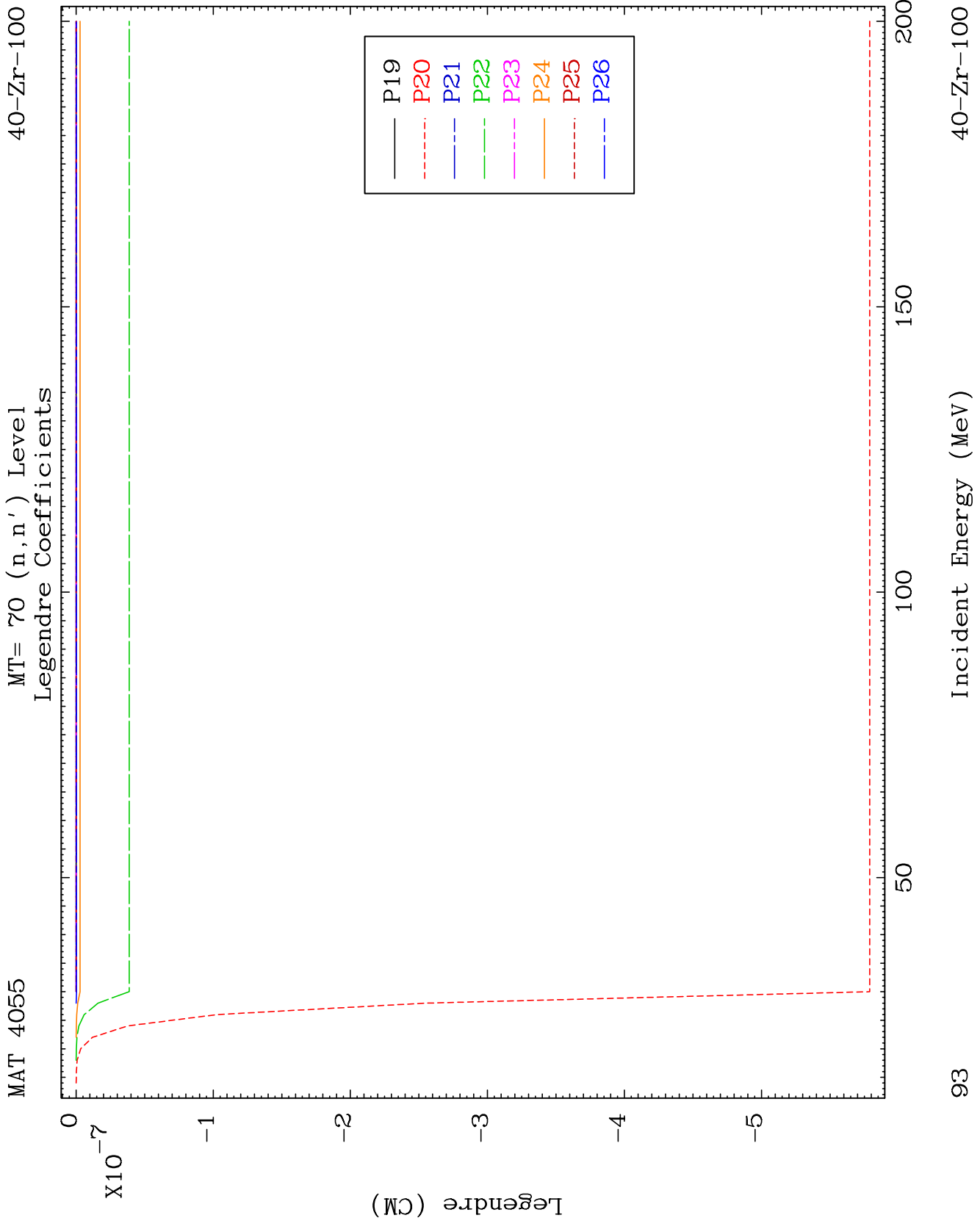


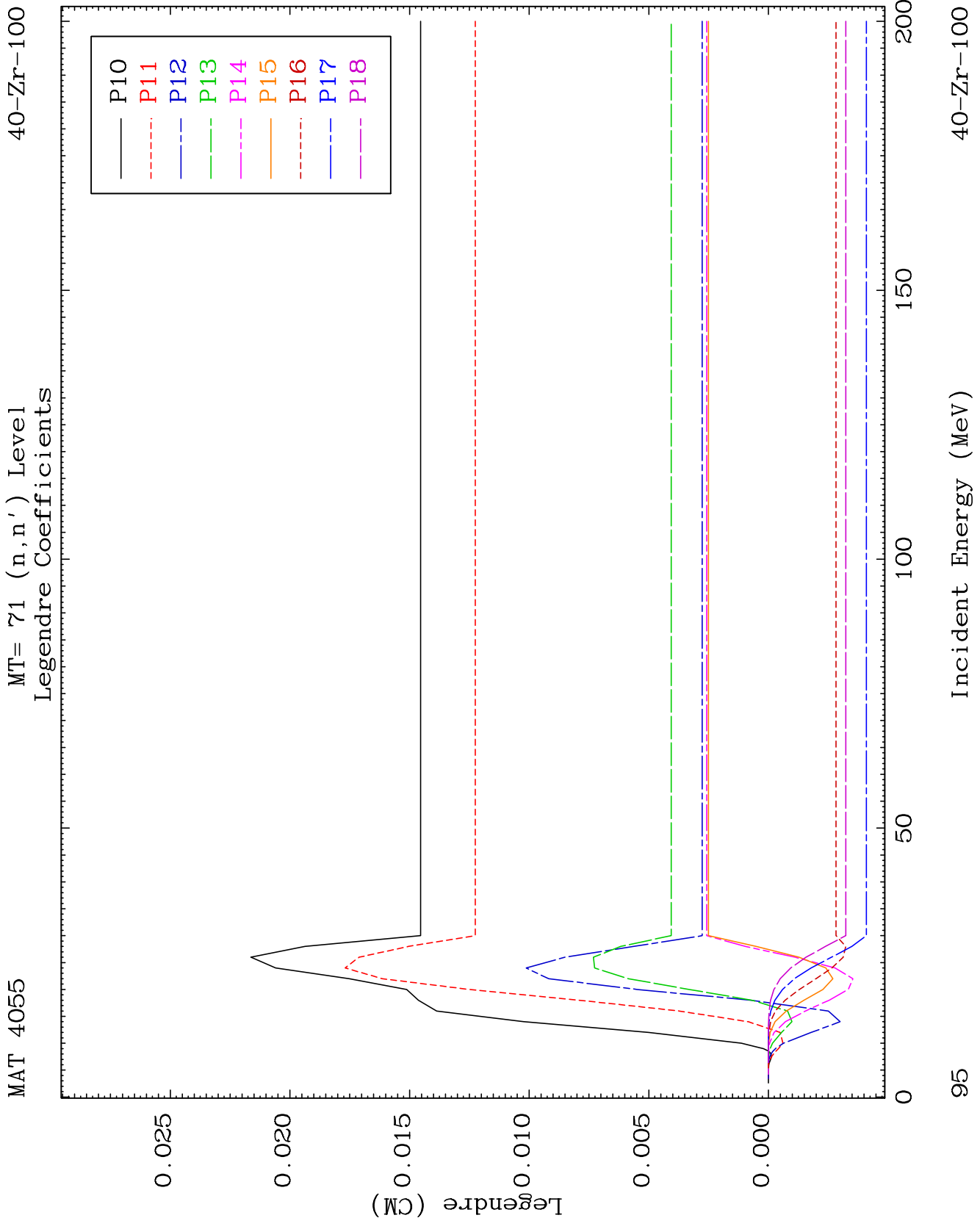


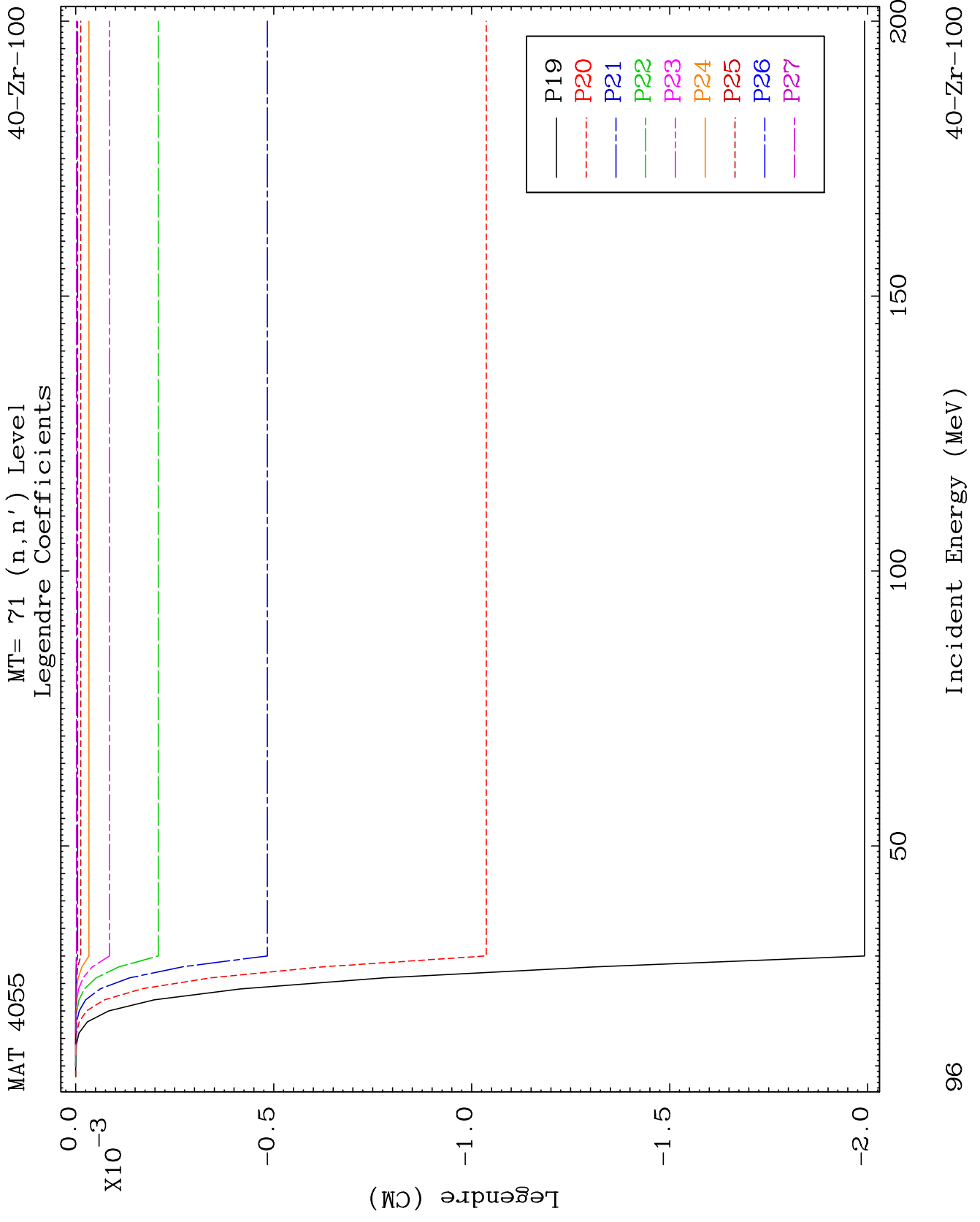


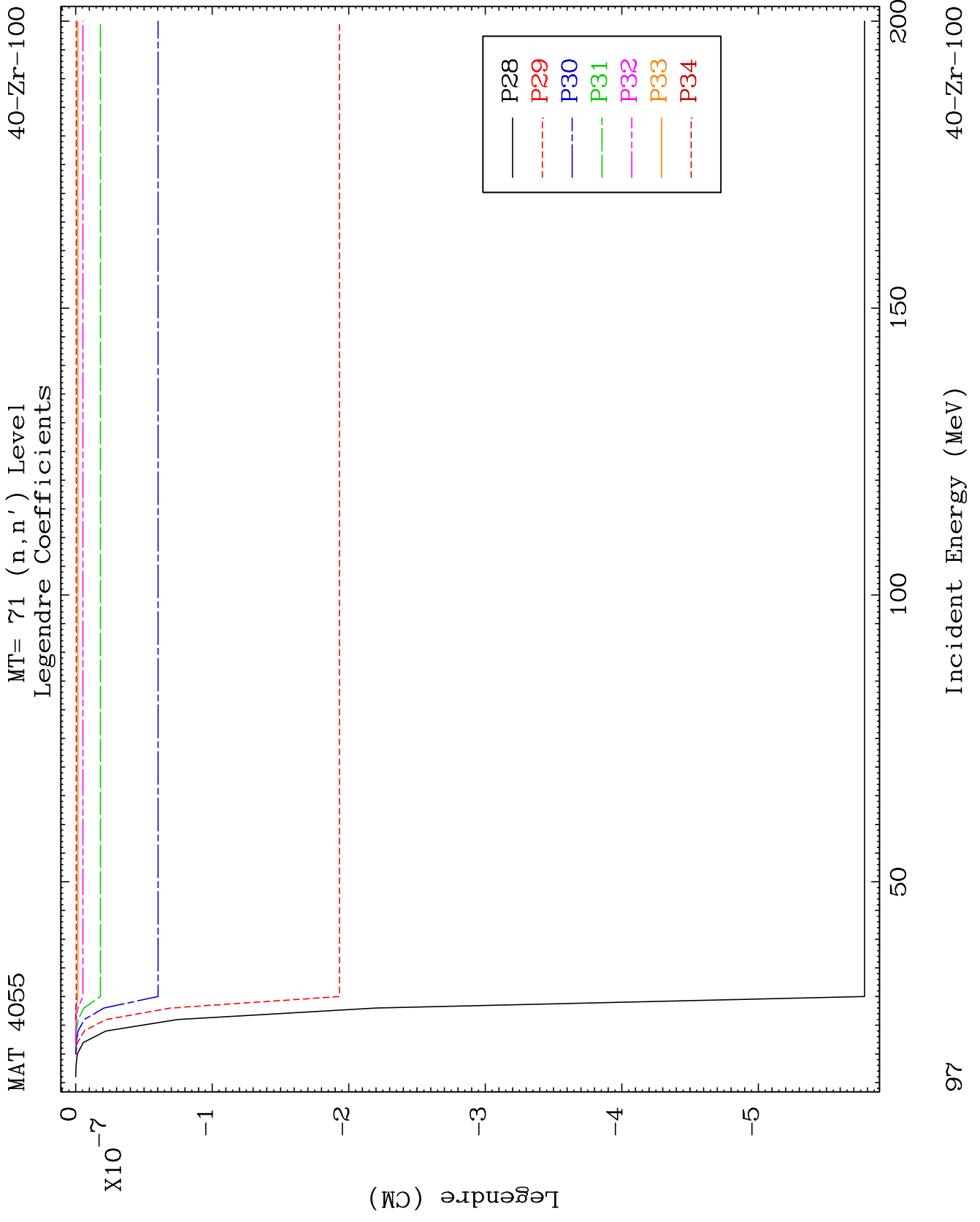


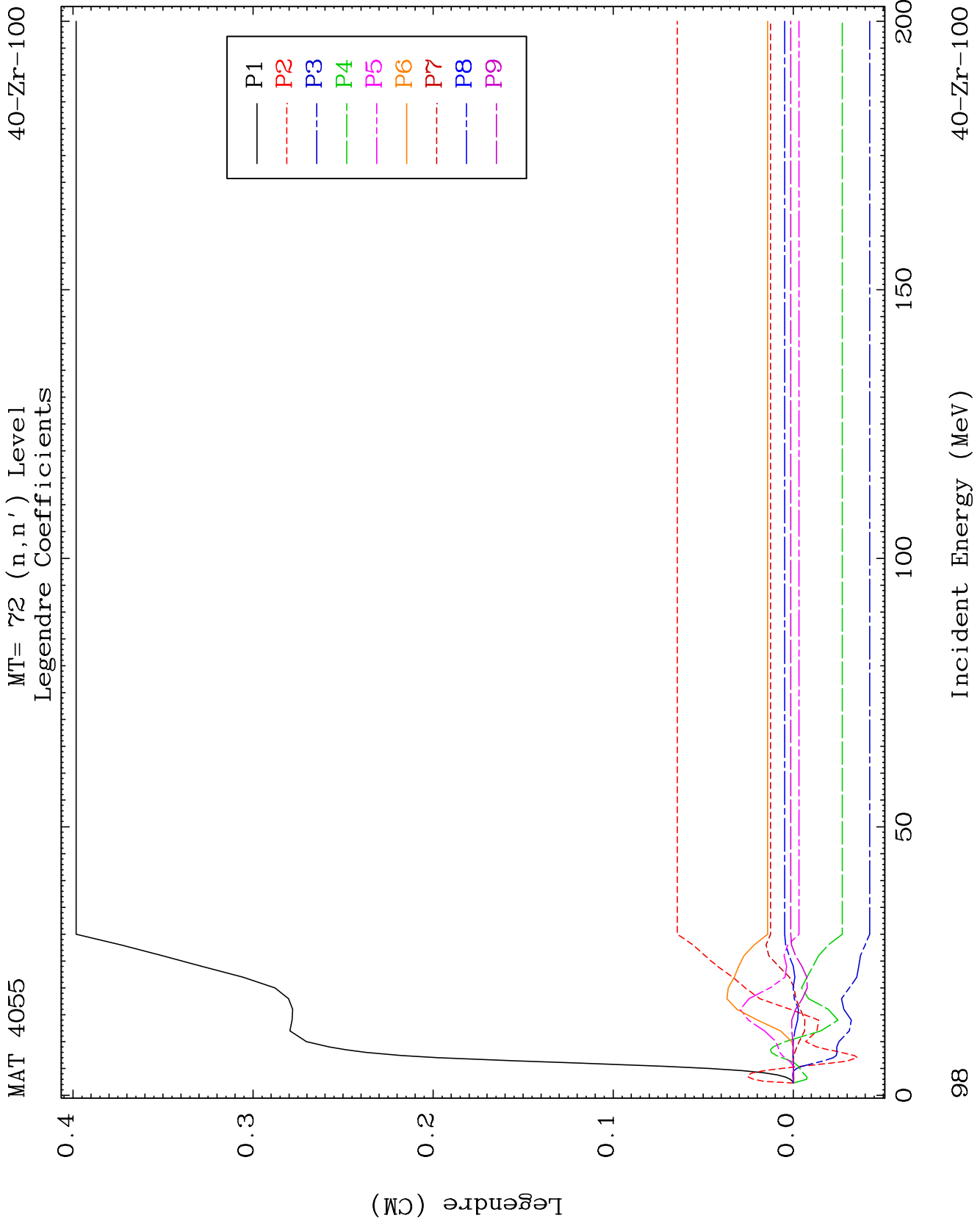








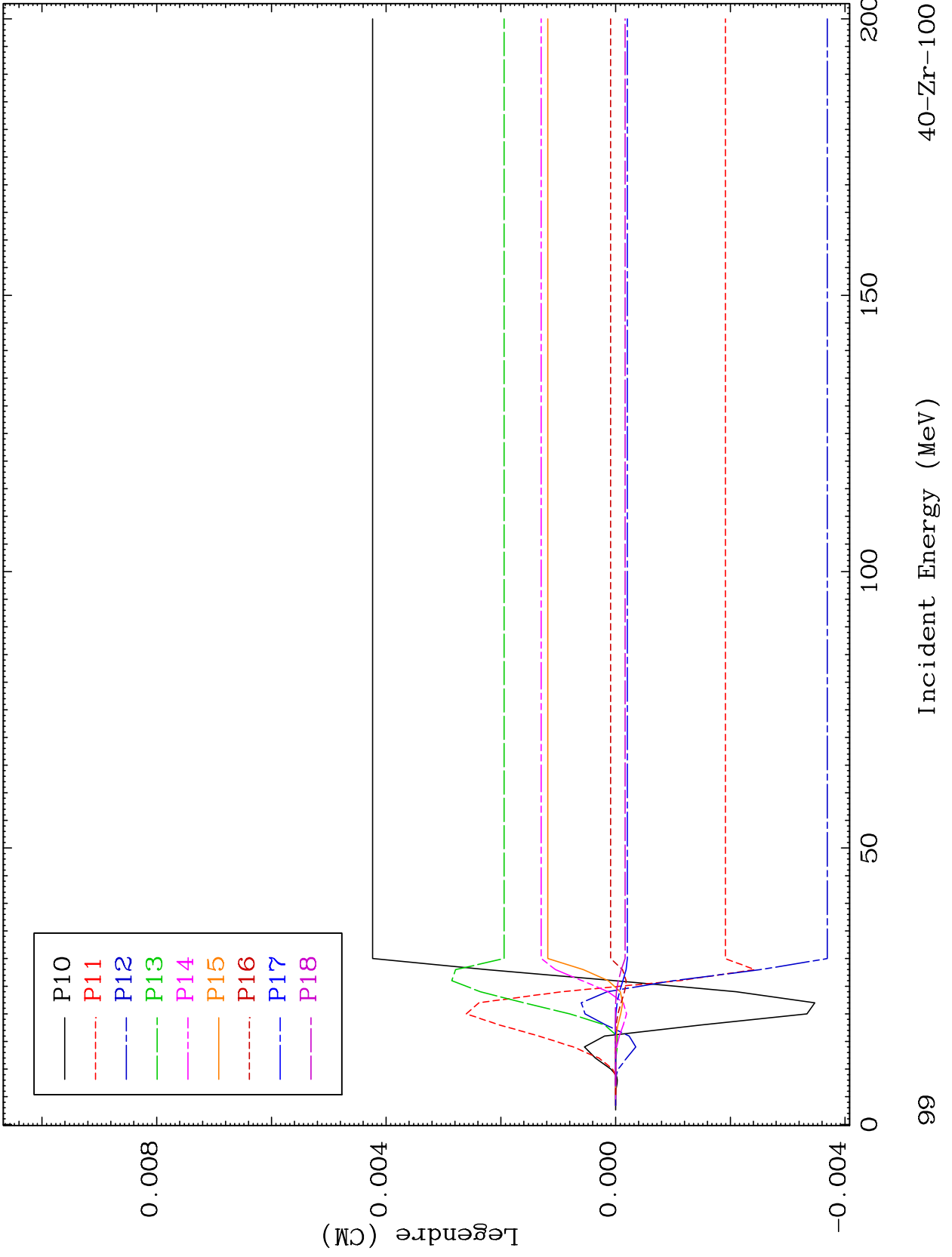


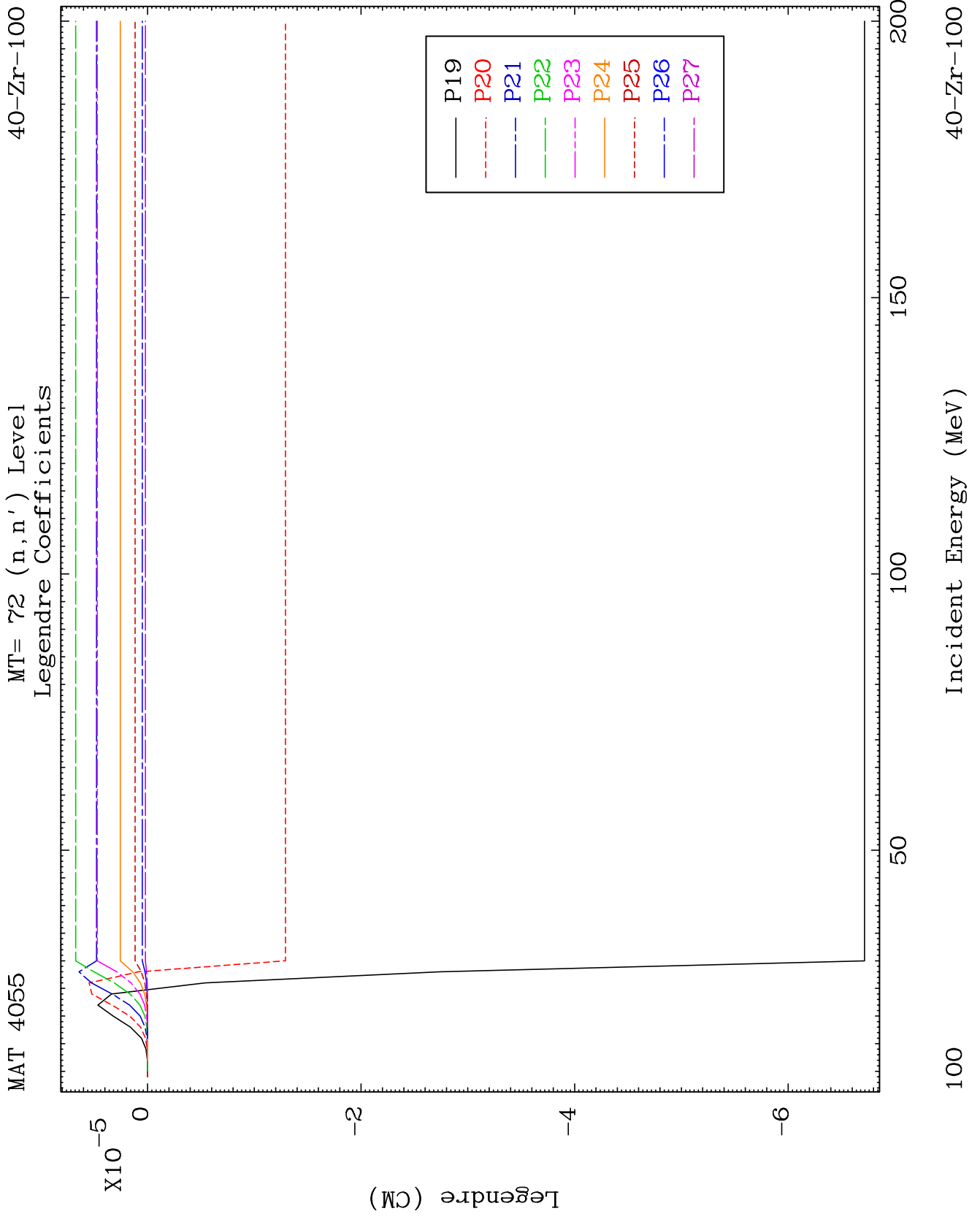


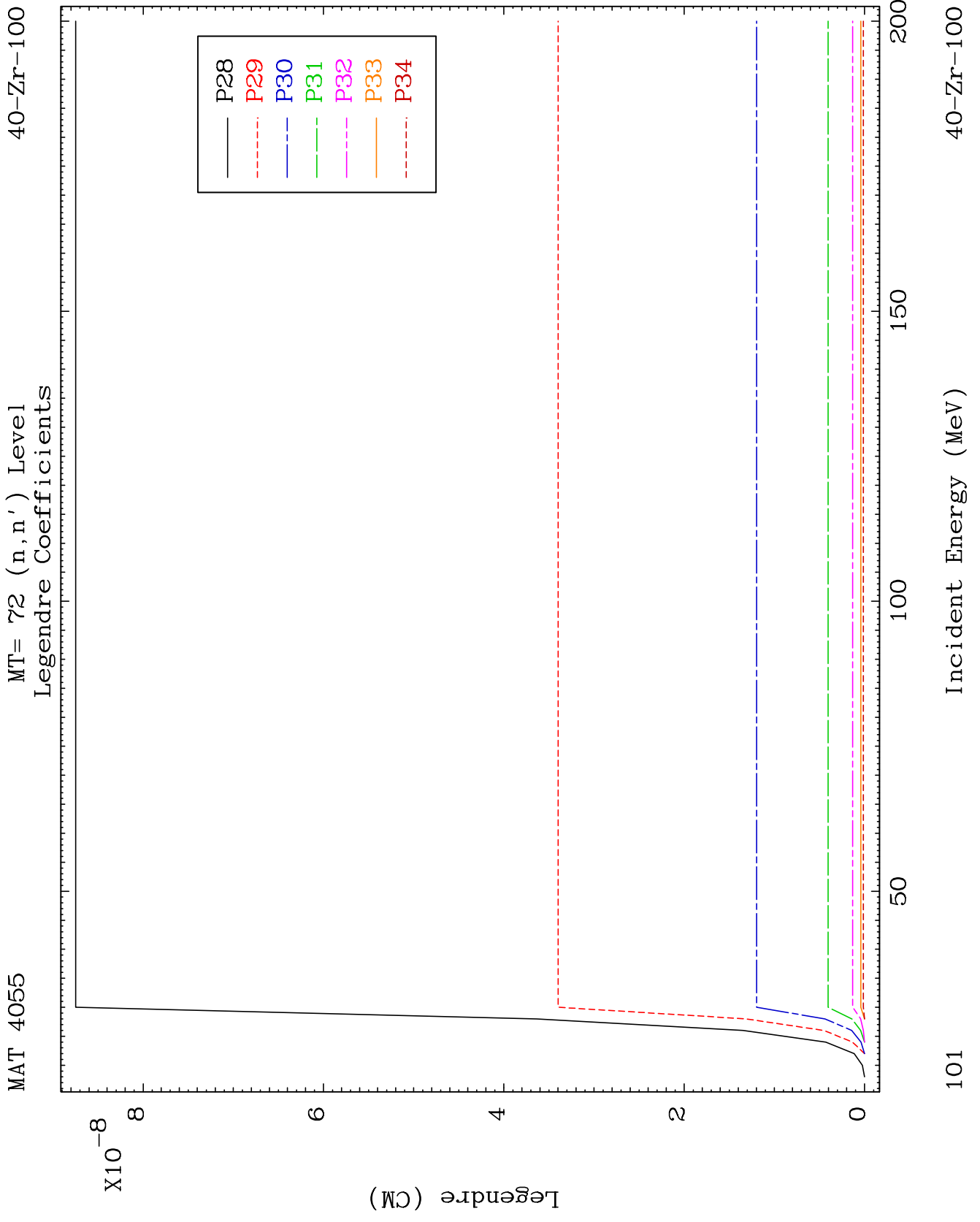
MAT 4055

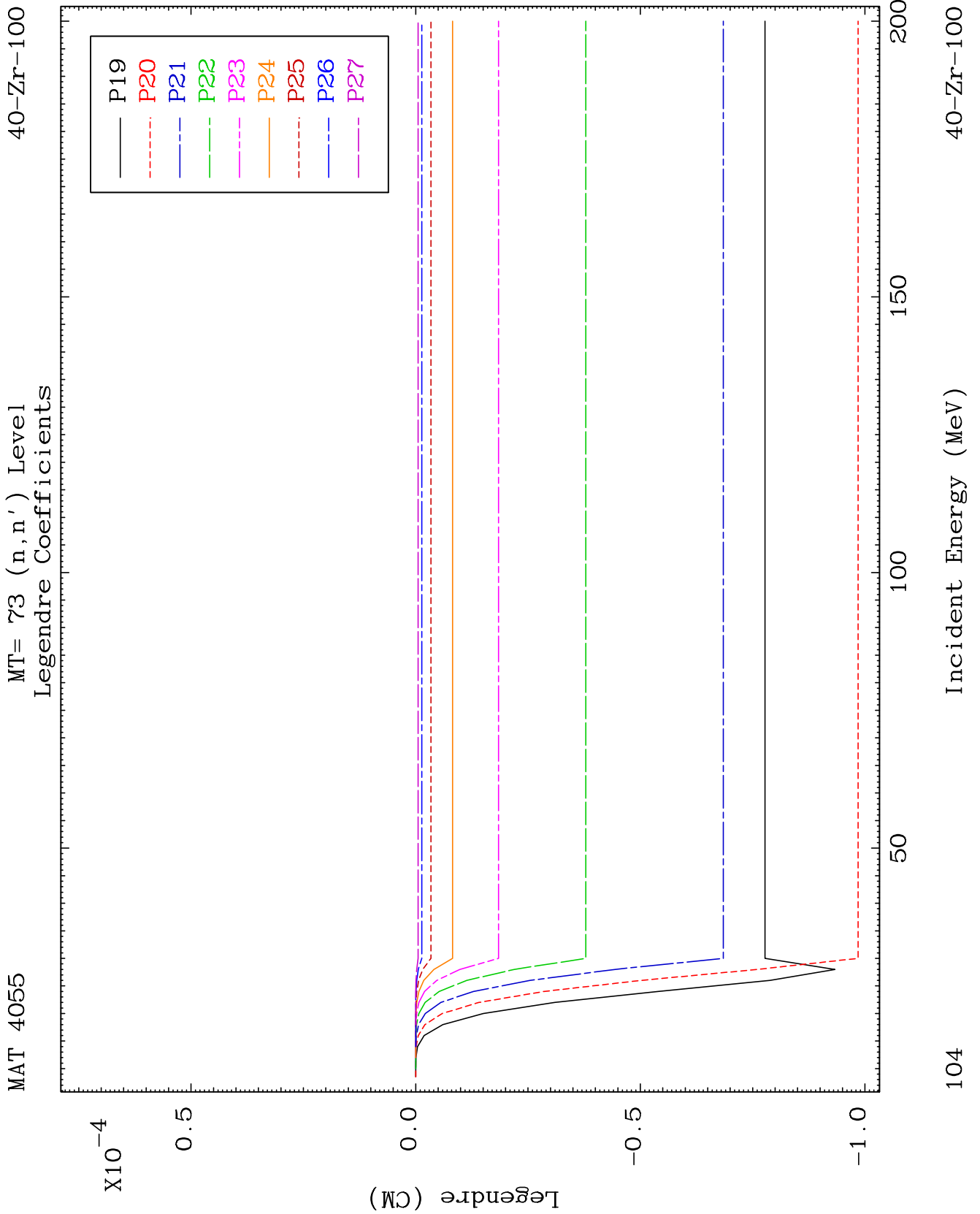
MT= 72 (n,n') Level
Legendre Coefficients

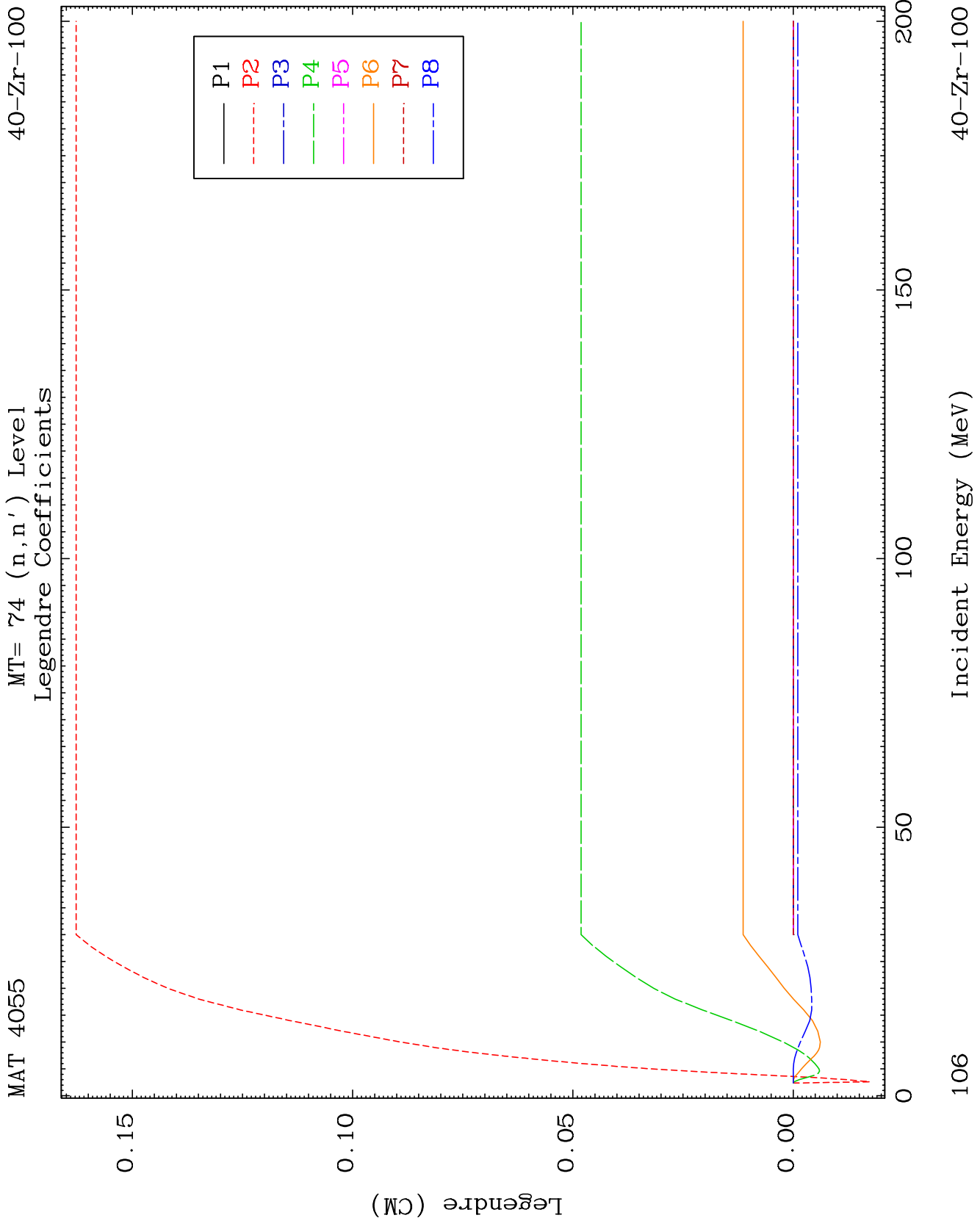
40-Zr-100

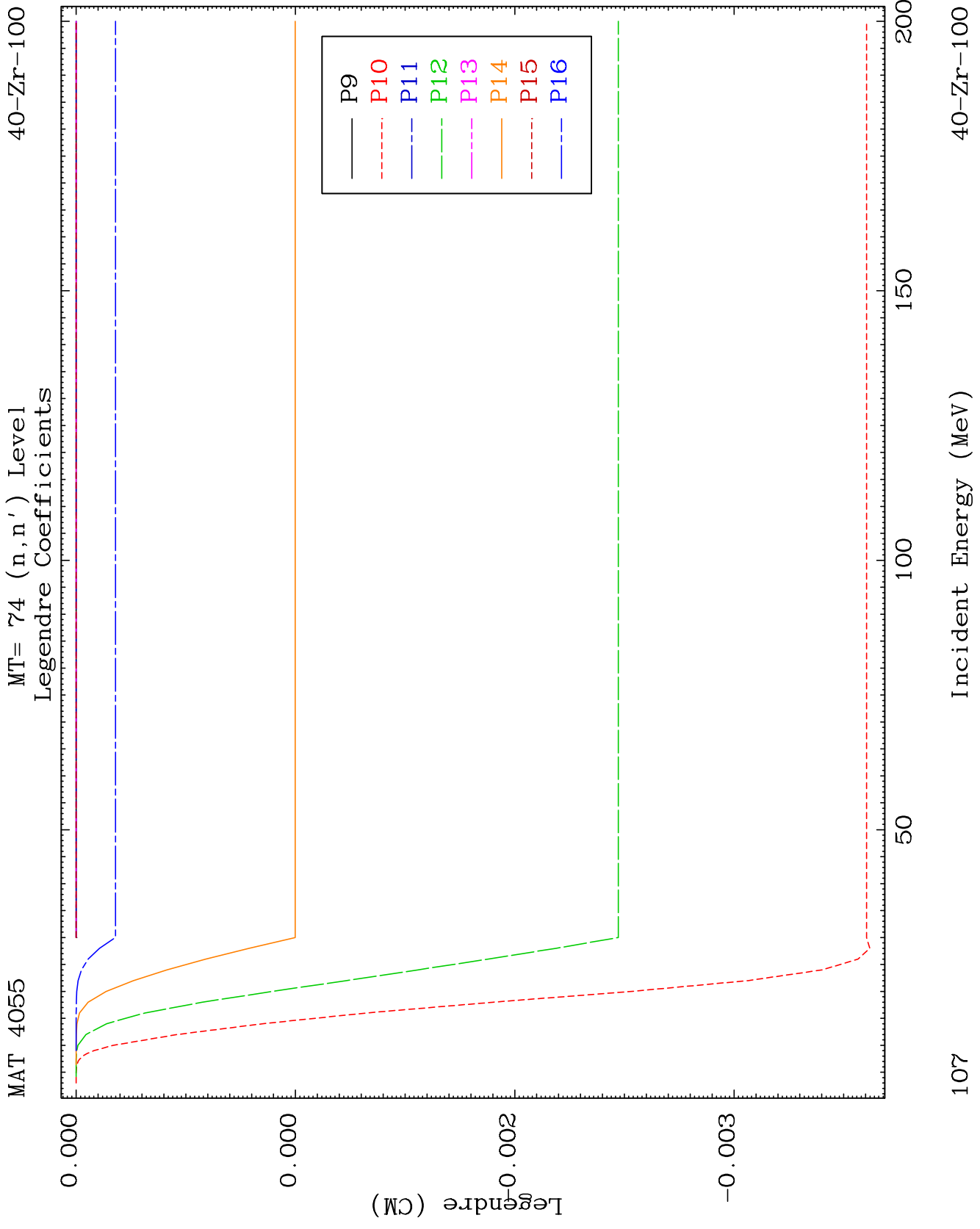


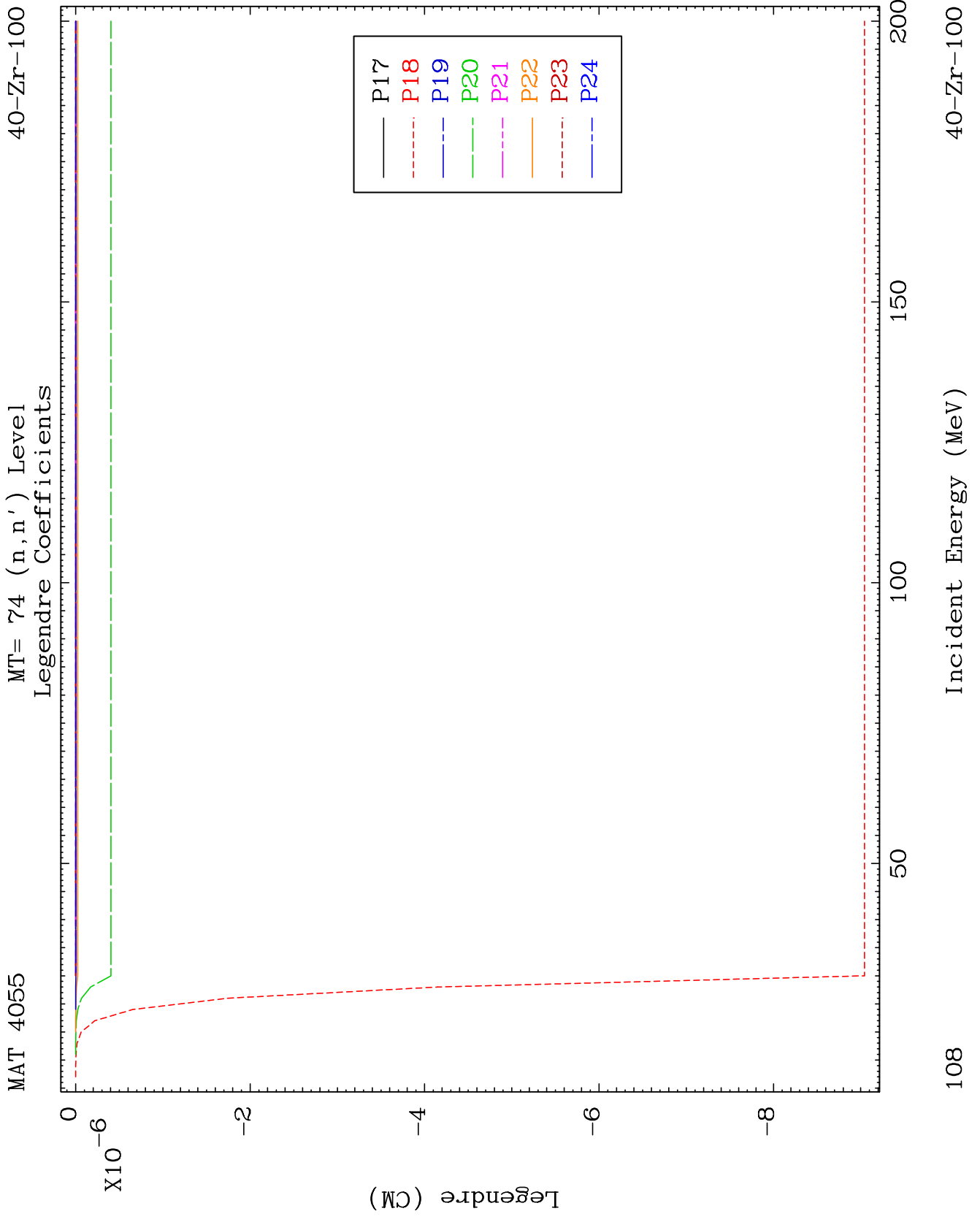


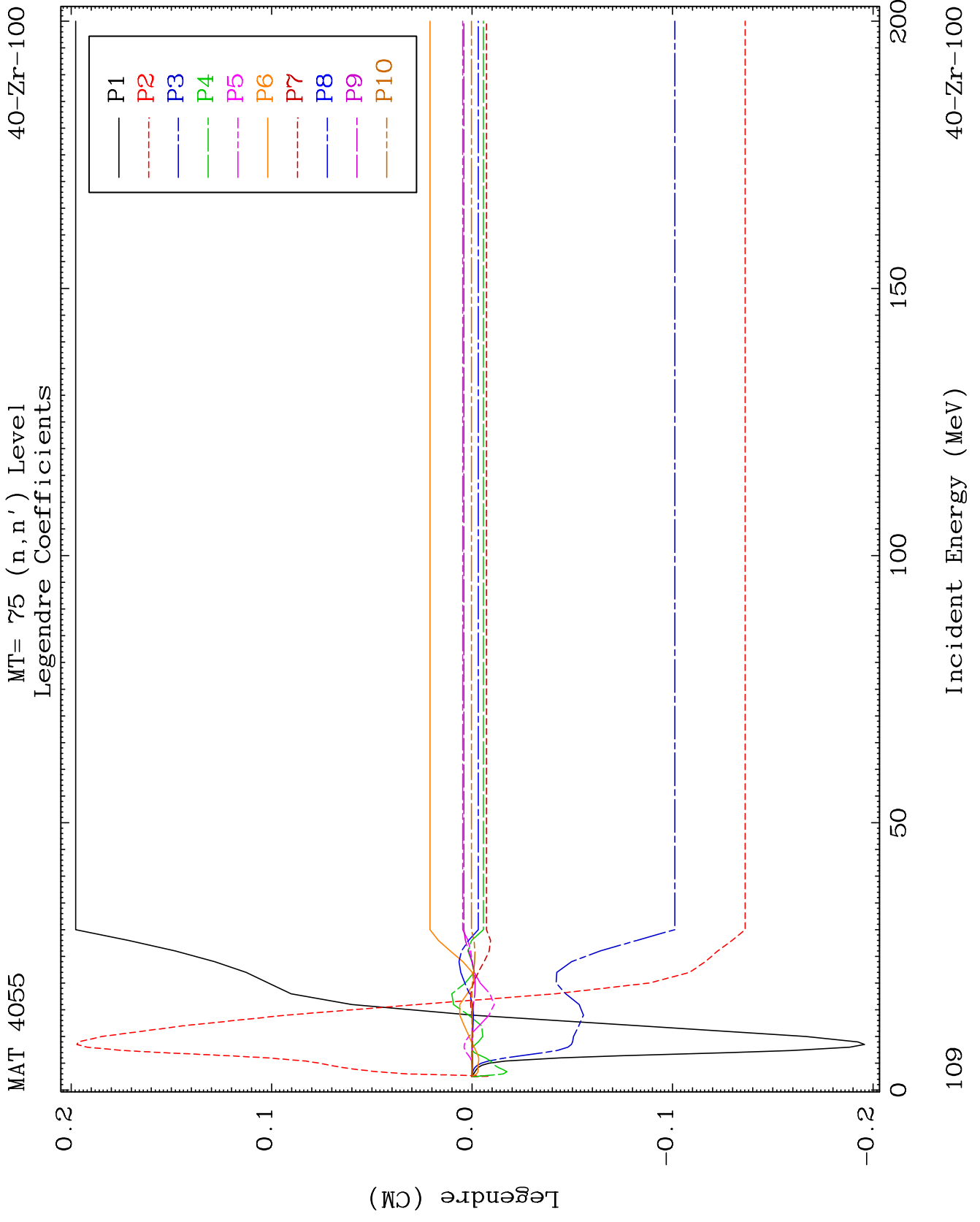


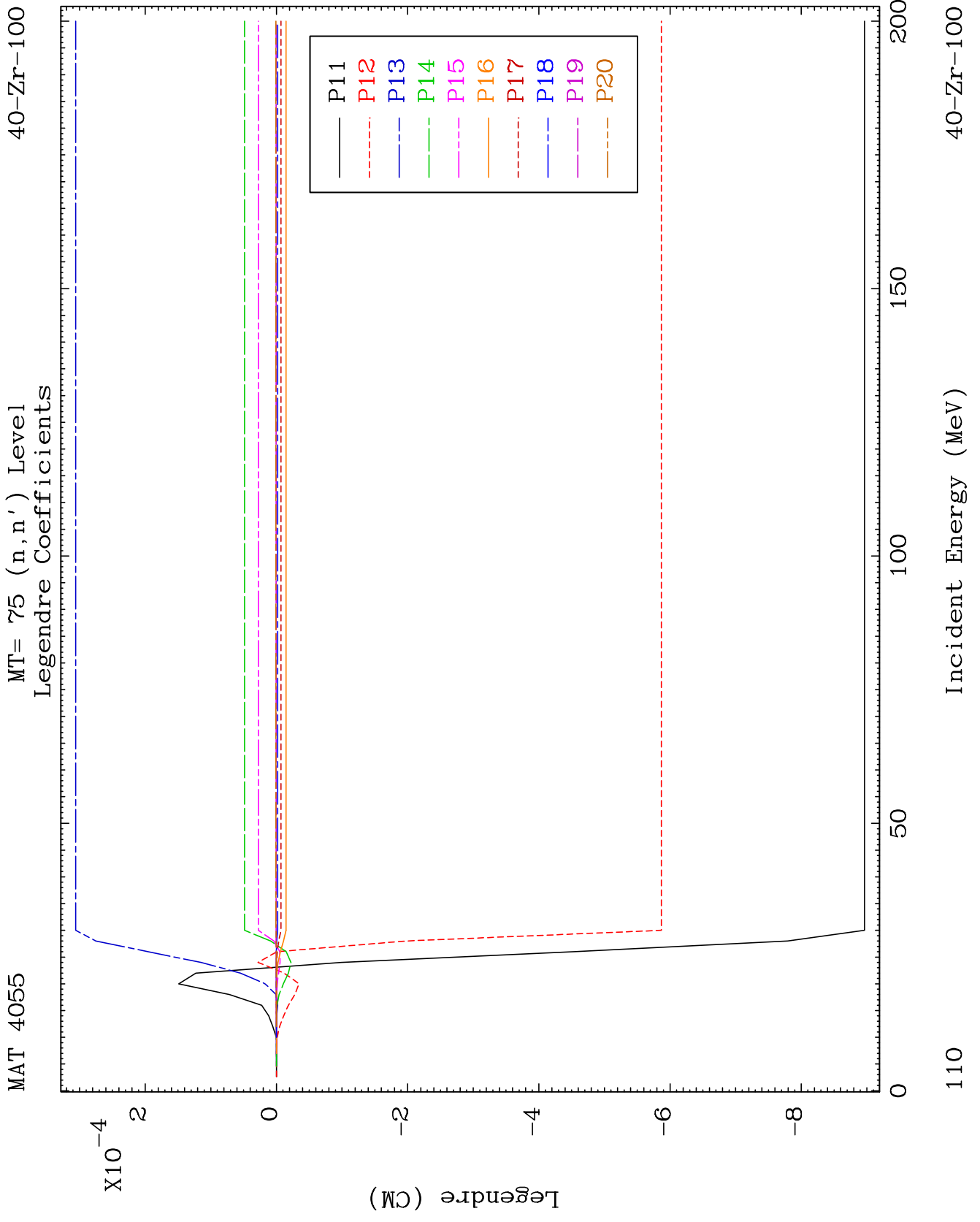


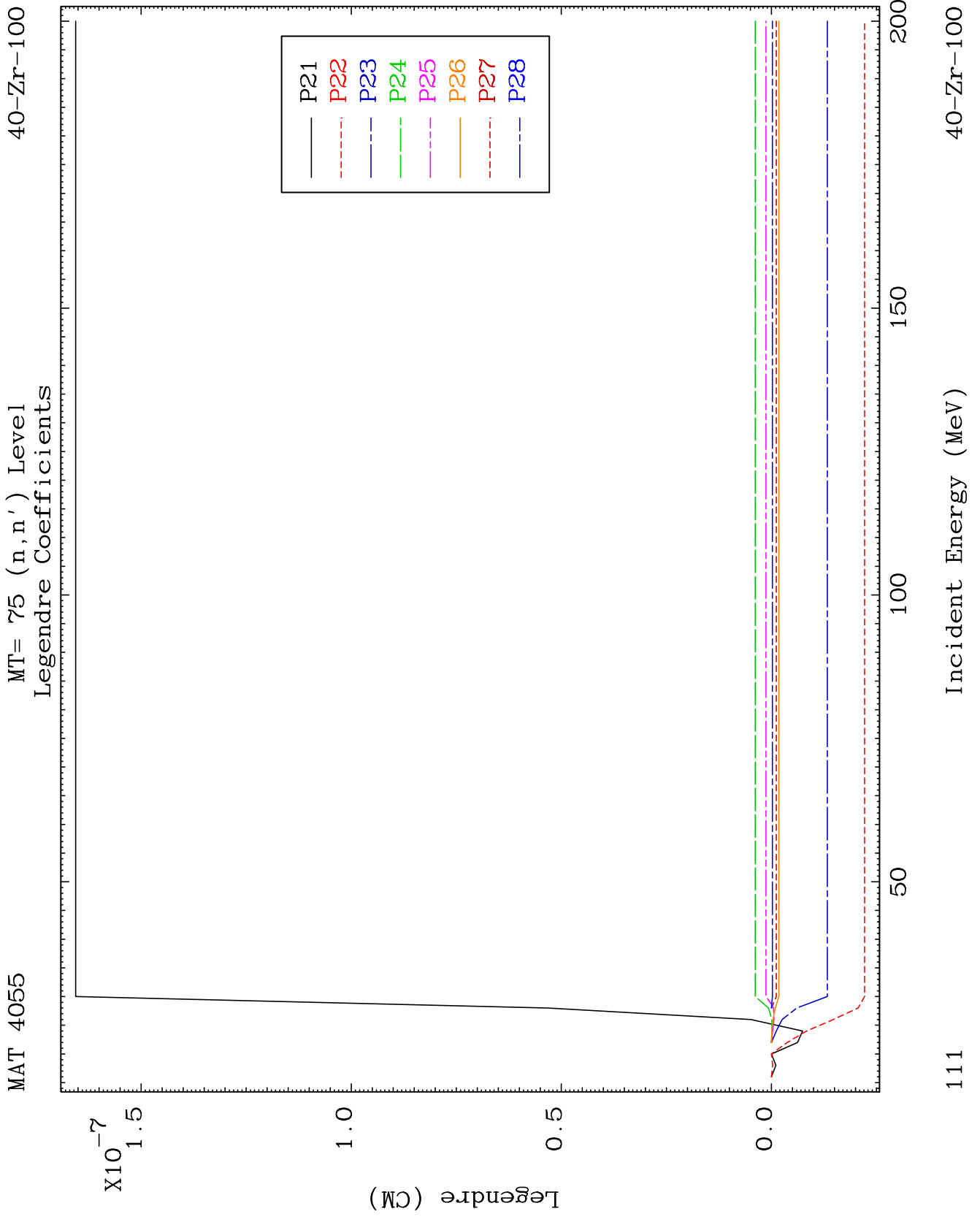


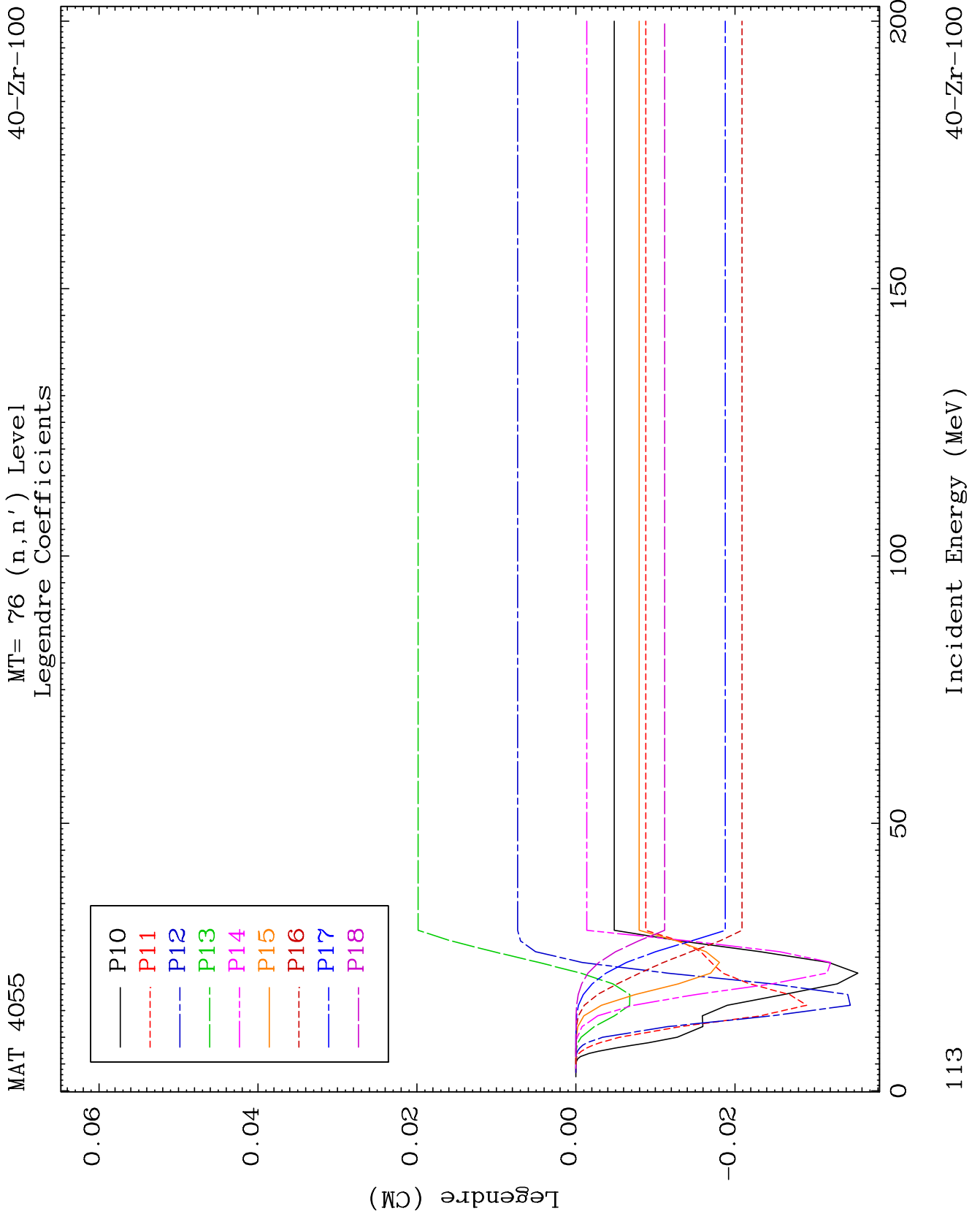


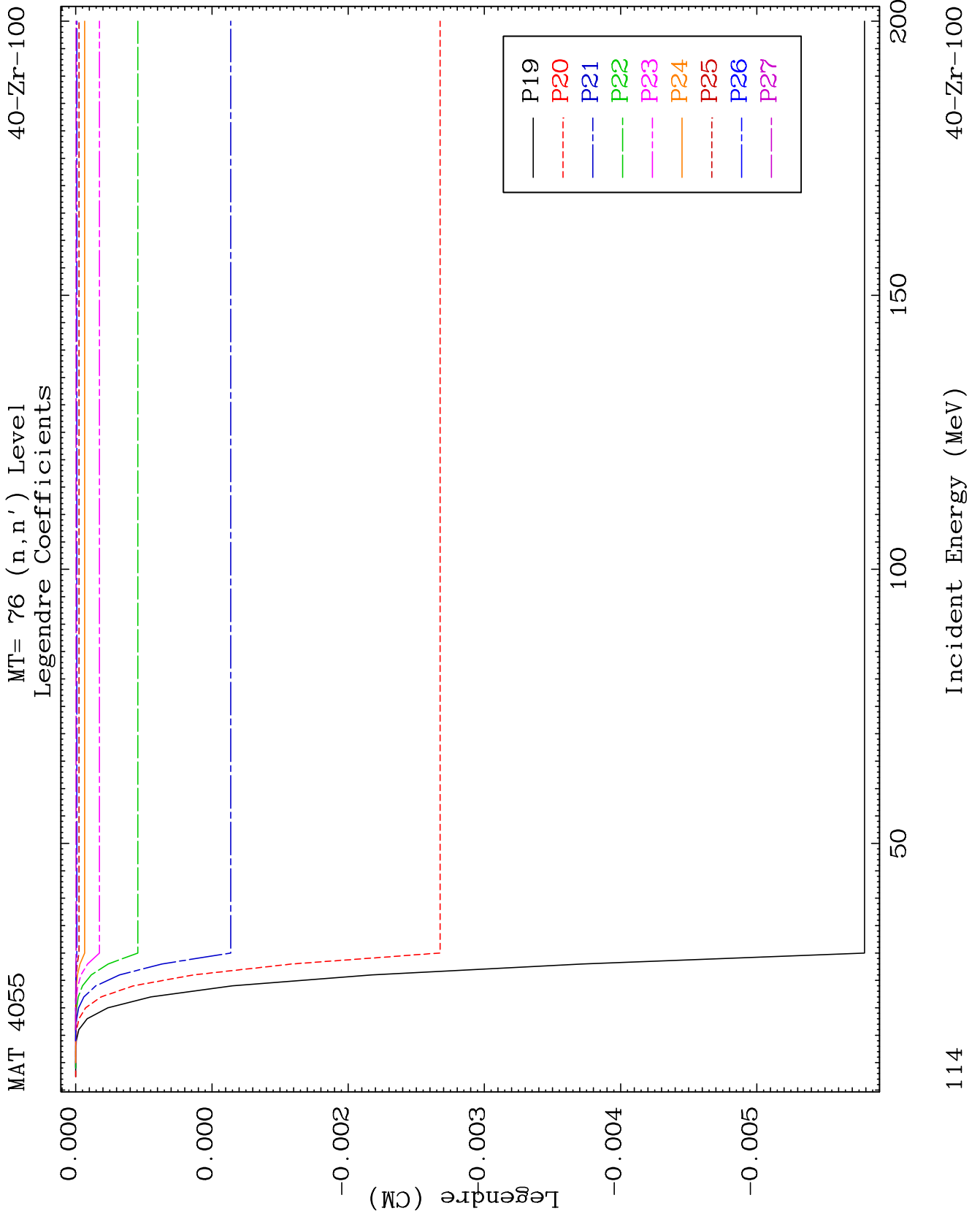


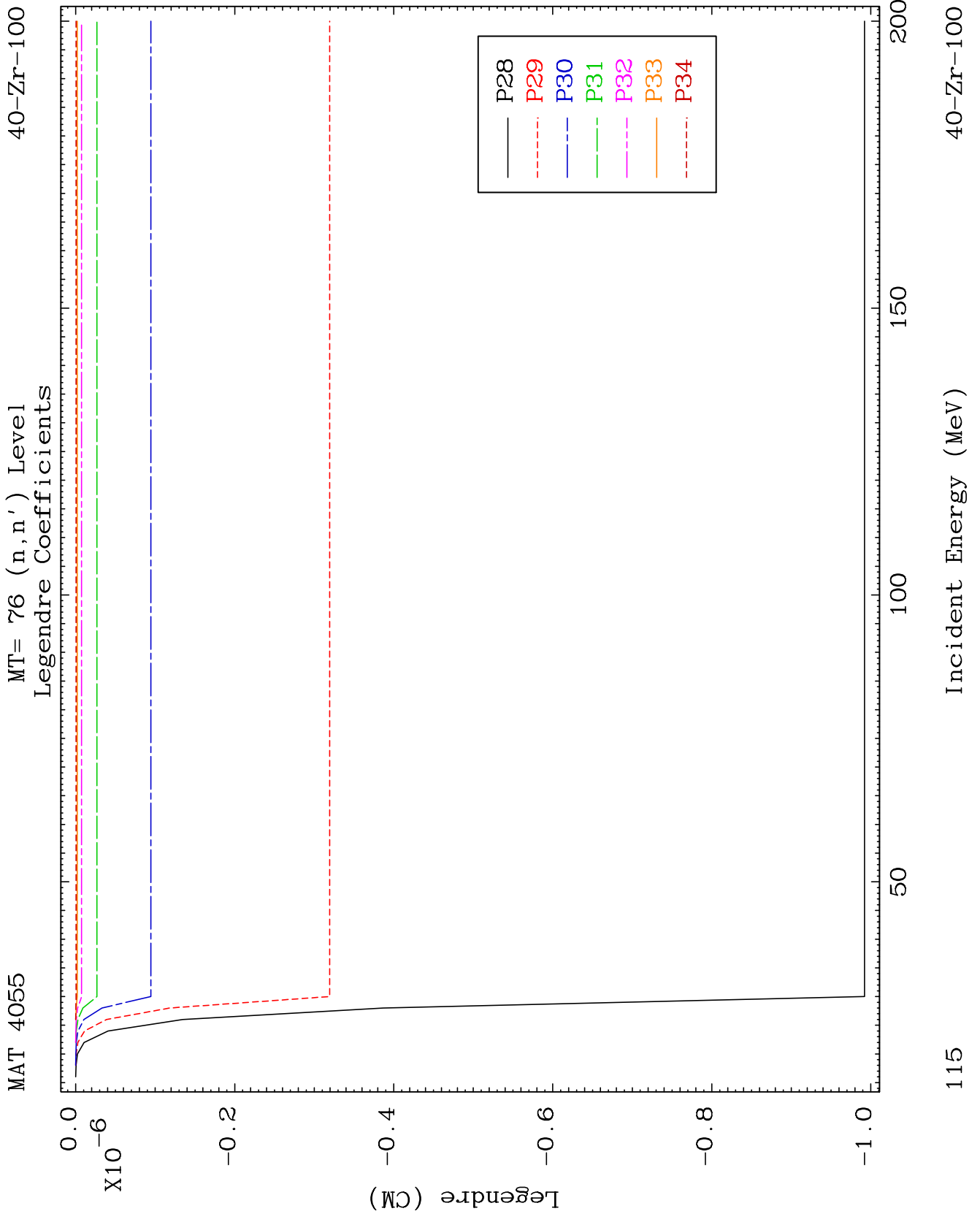


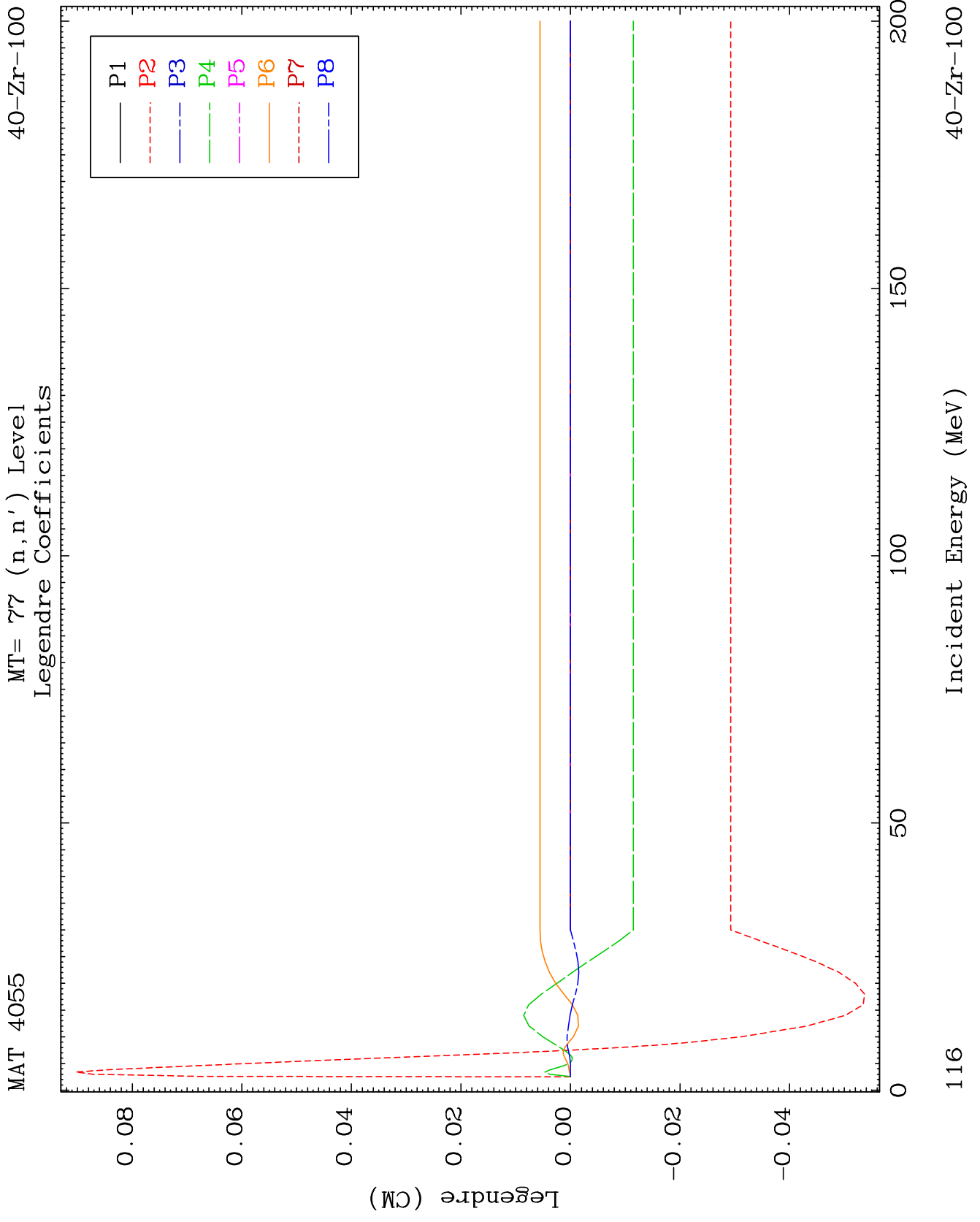








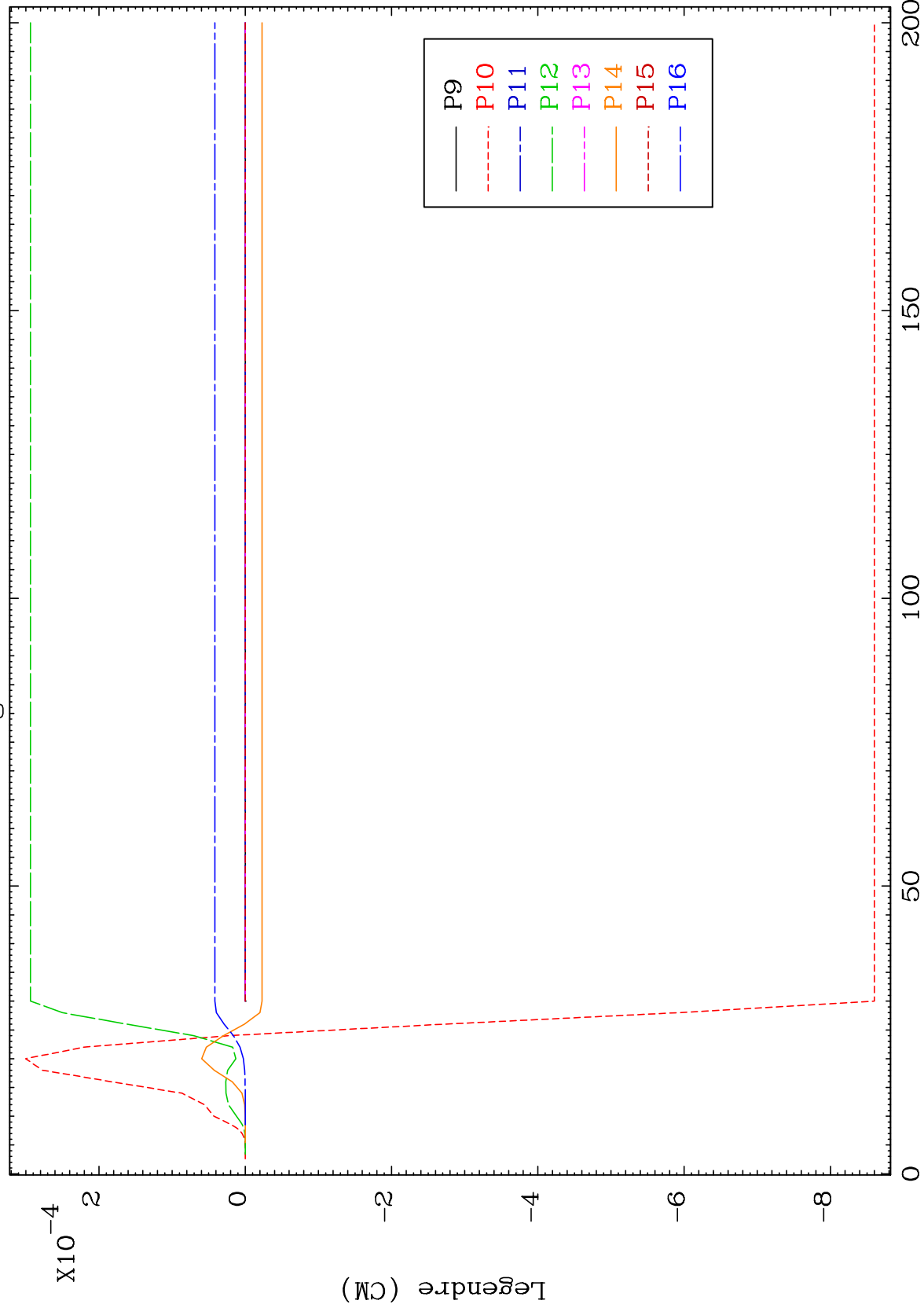




MAT 4055

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

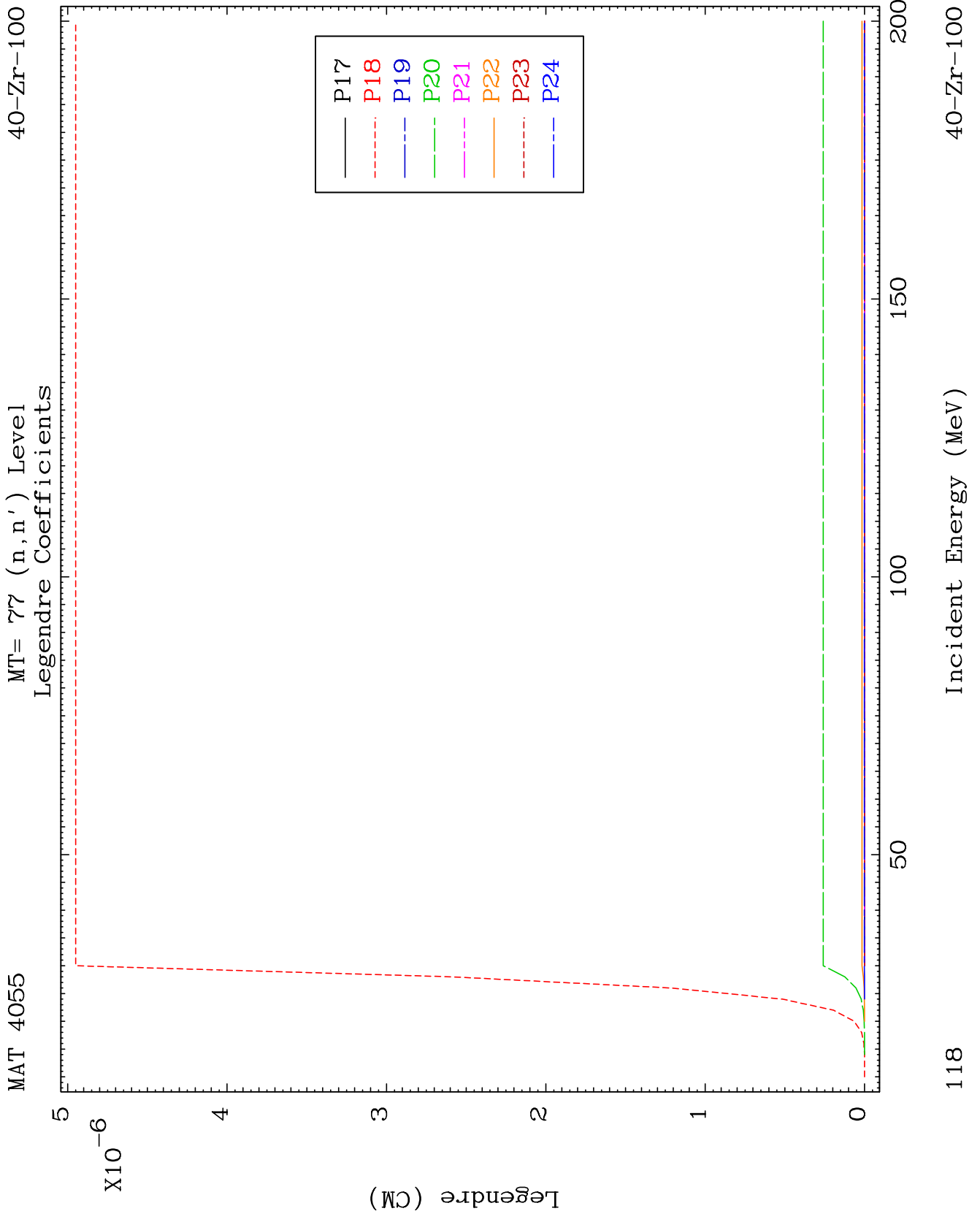
40-Zr-100

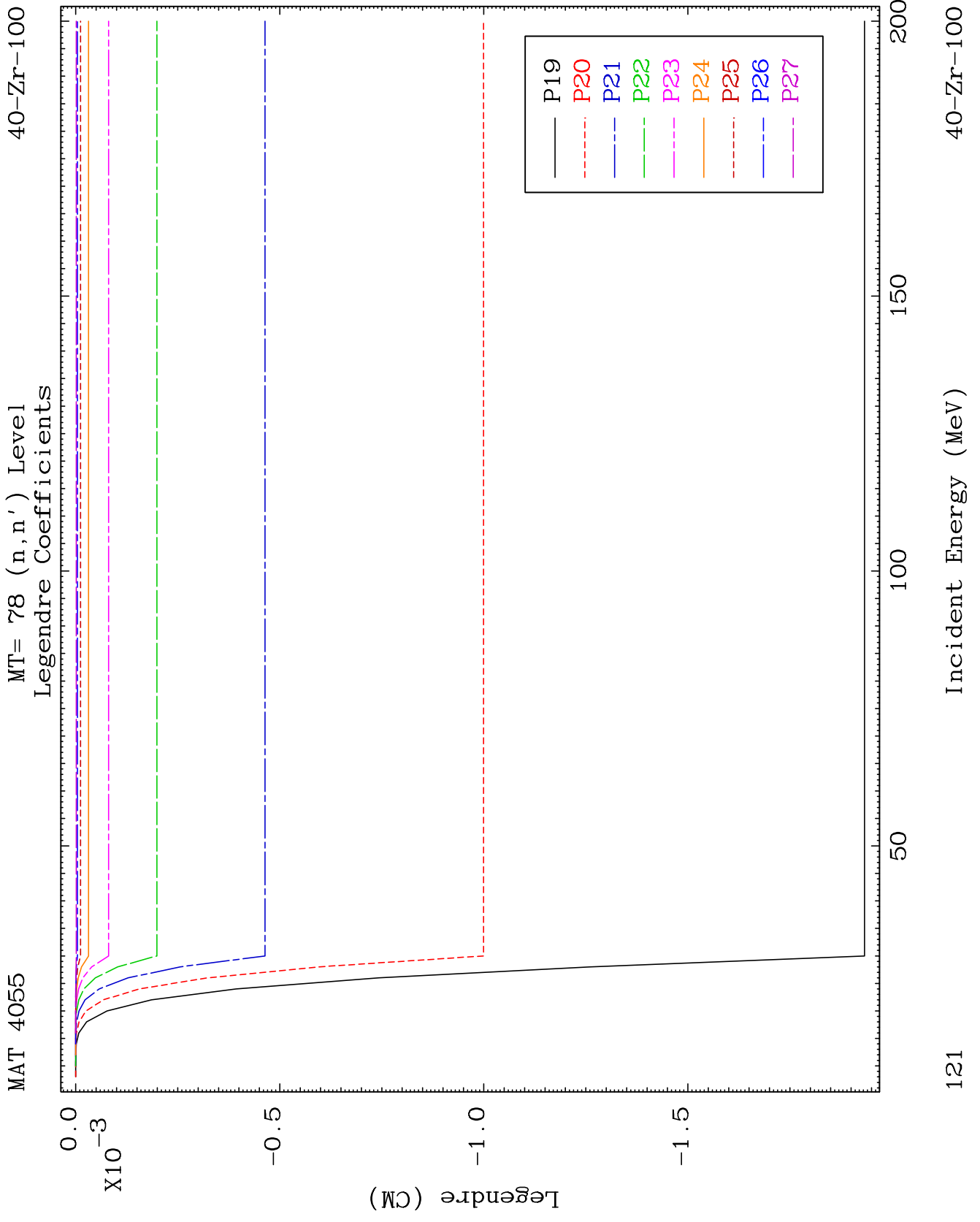


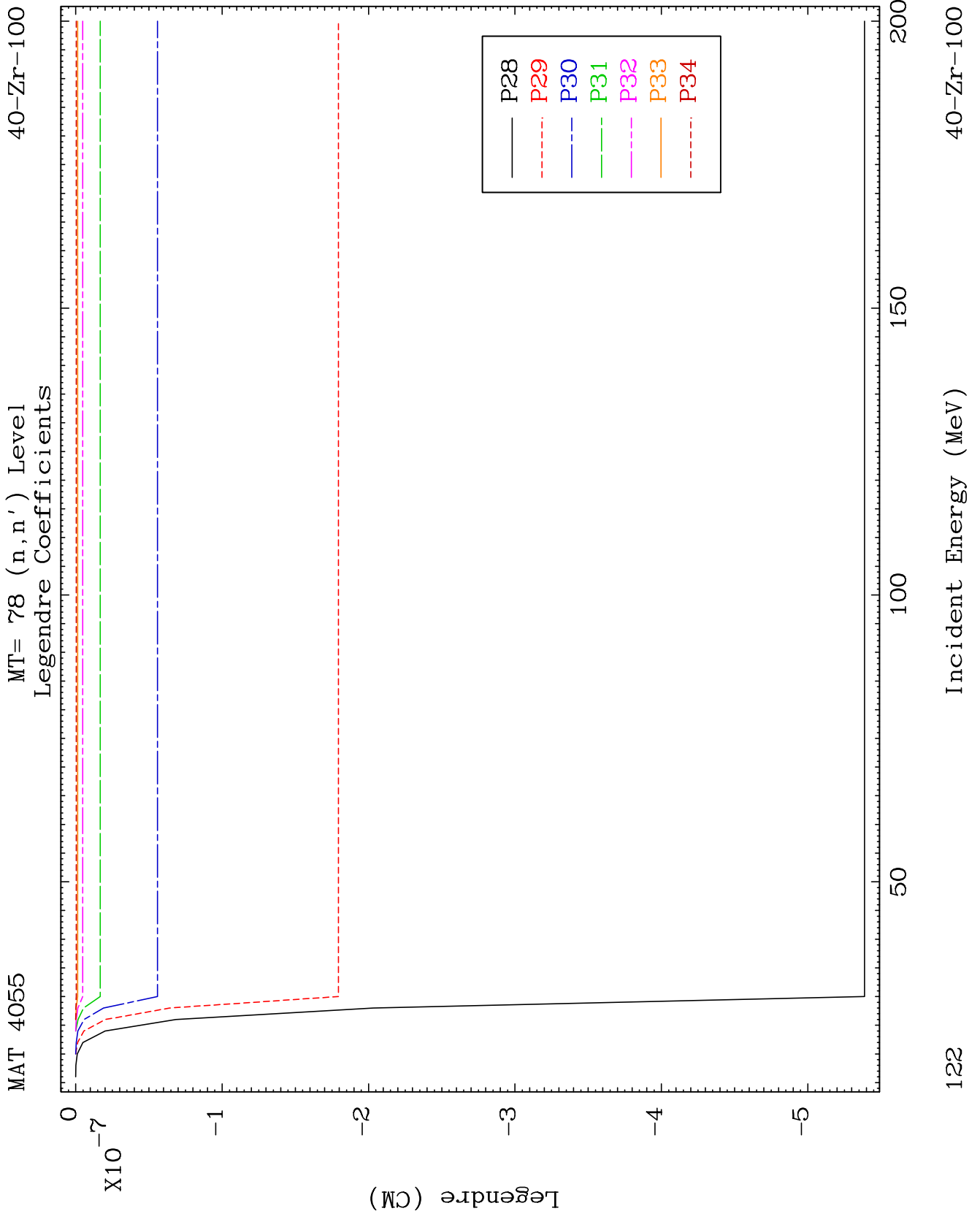
117

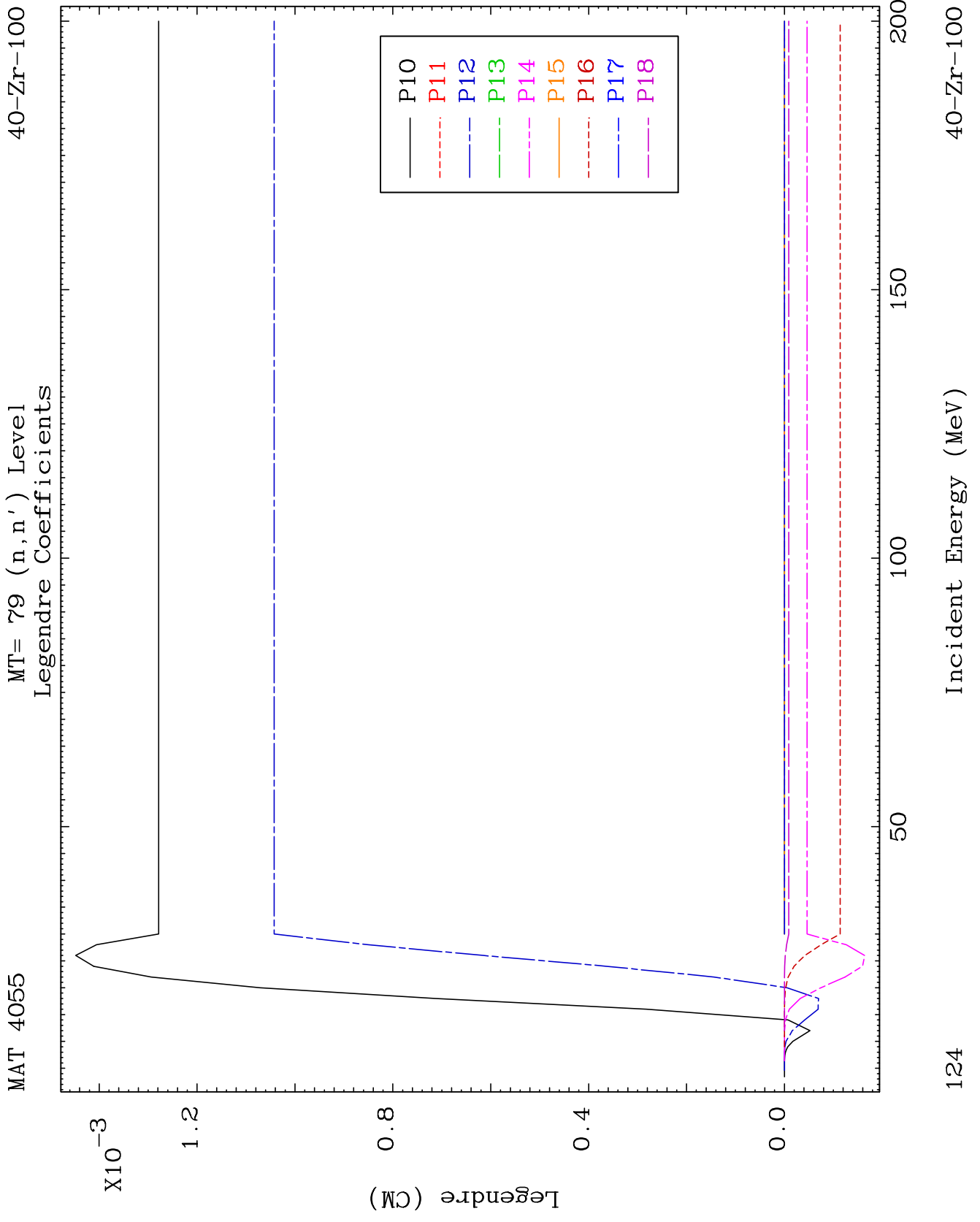
Incident Energy (MeV)

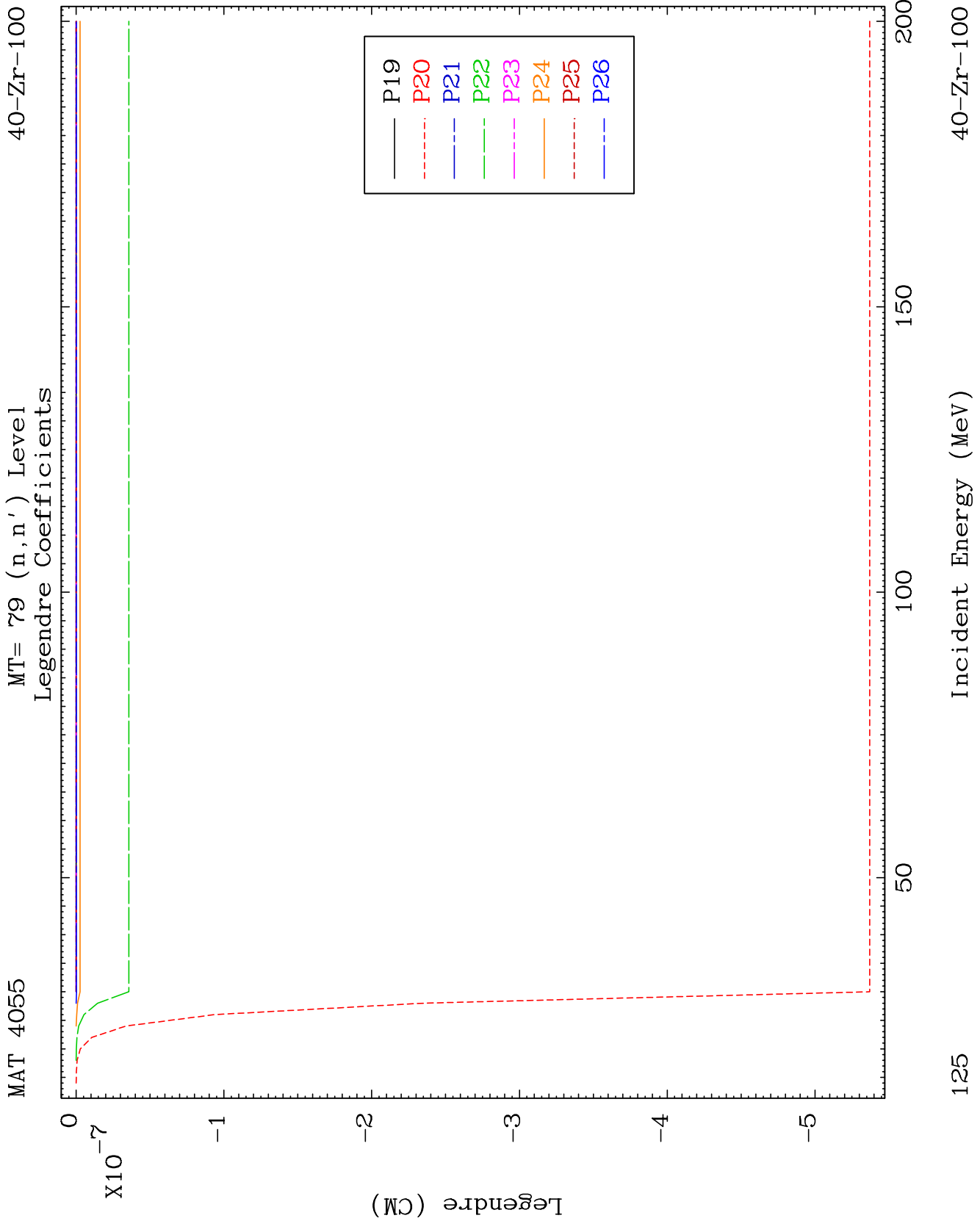
40-Zr-100









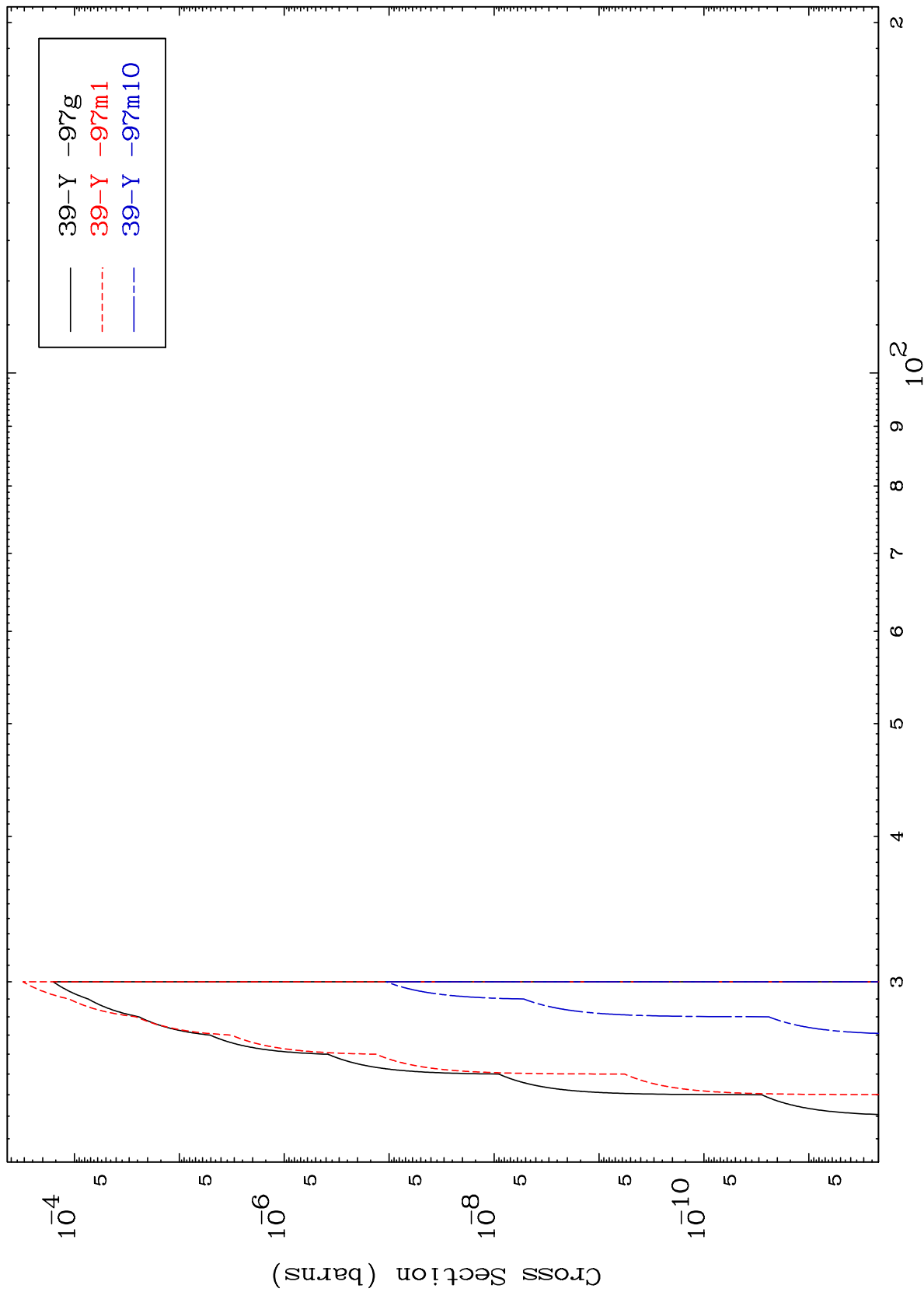


MAT 4055

(n,2n) d

40-Zr-100

Radionuclide Production Cross Section



39-Y -97g
39-Y -97m1
39-Y -97m10

126

Incident Energy (MeV)

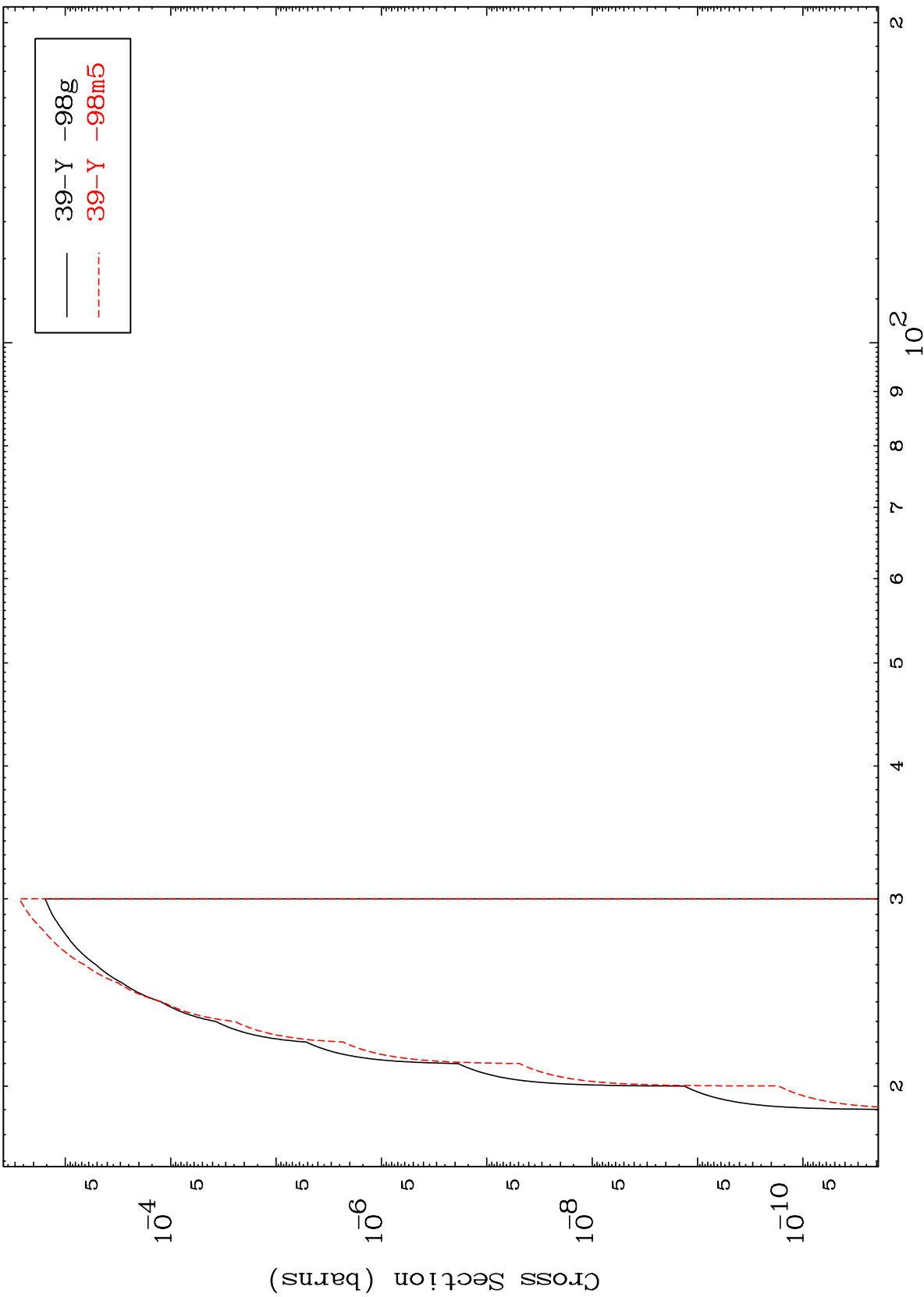
40-Zr-100

MAT 4055

(n,n') d

40-Zr-100

Radionuclide Production Cross Section



127

Incident Energy (MeV)

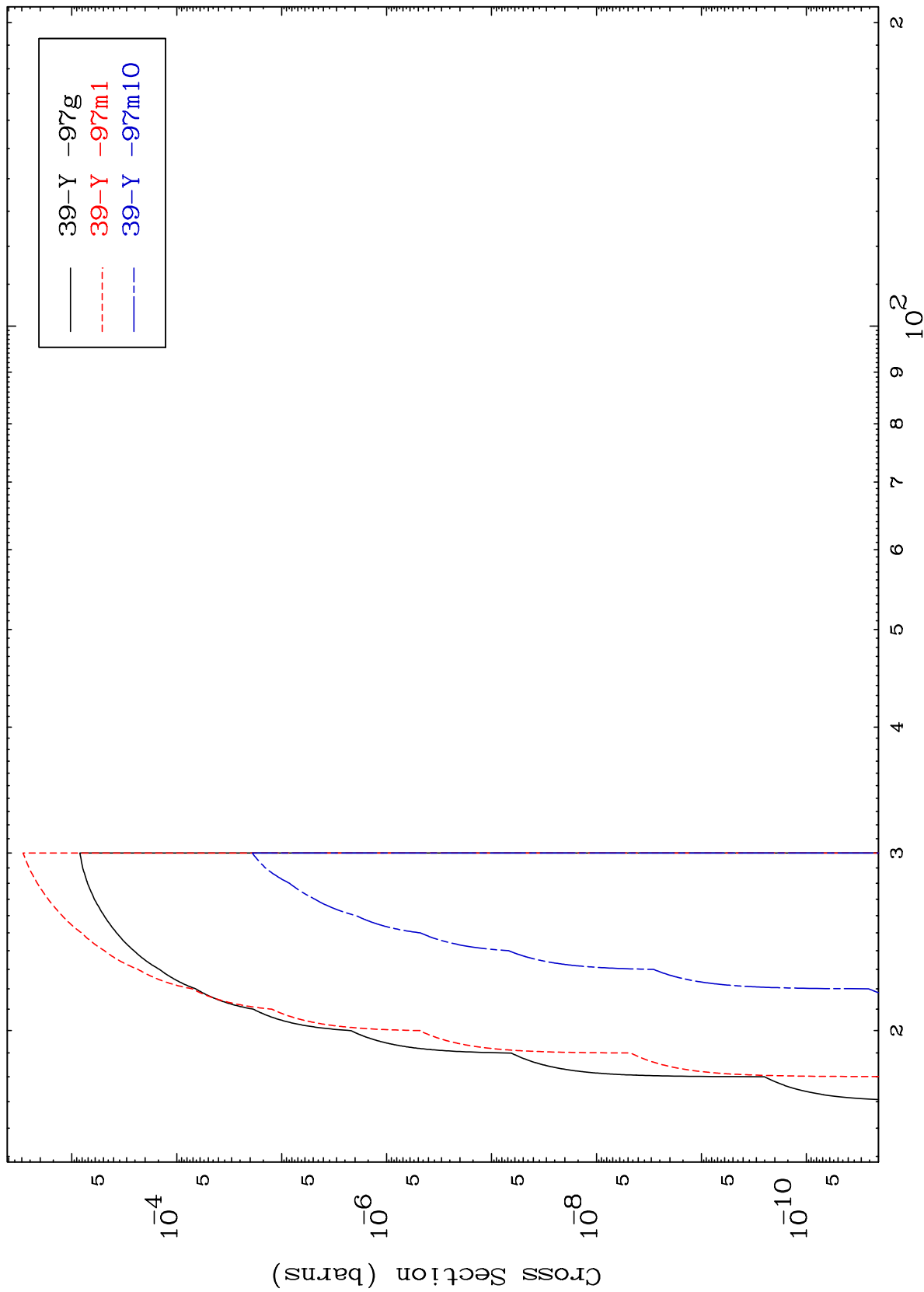
40-Zr-100

MAT 4055

(n,n') t

40-Zr-100

Radionuclide Production Cross Section



128

Incident Energy (MeV)

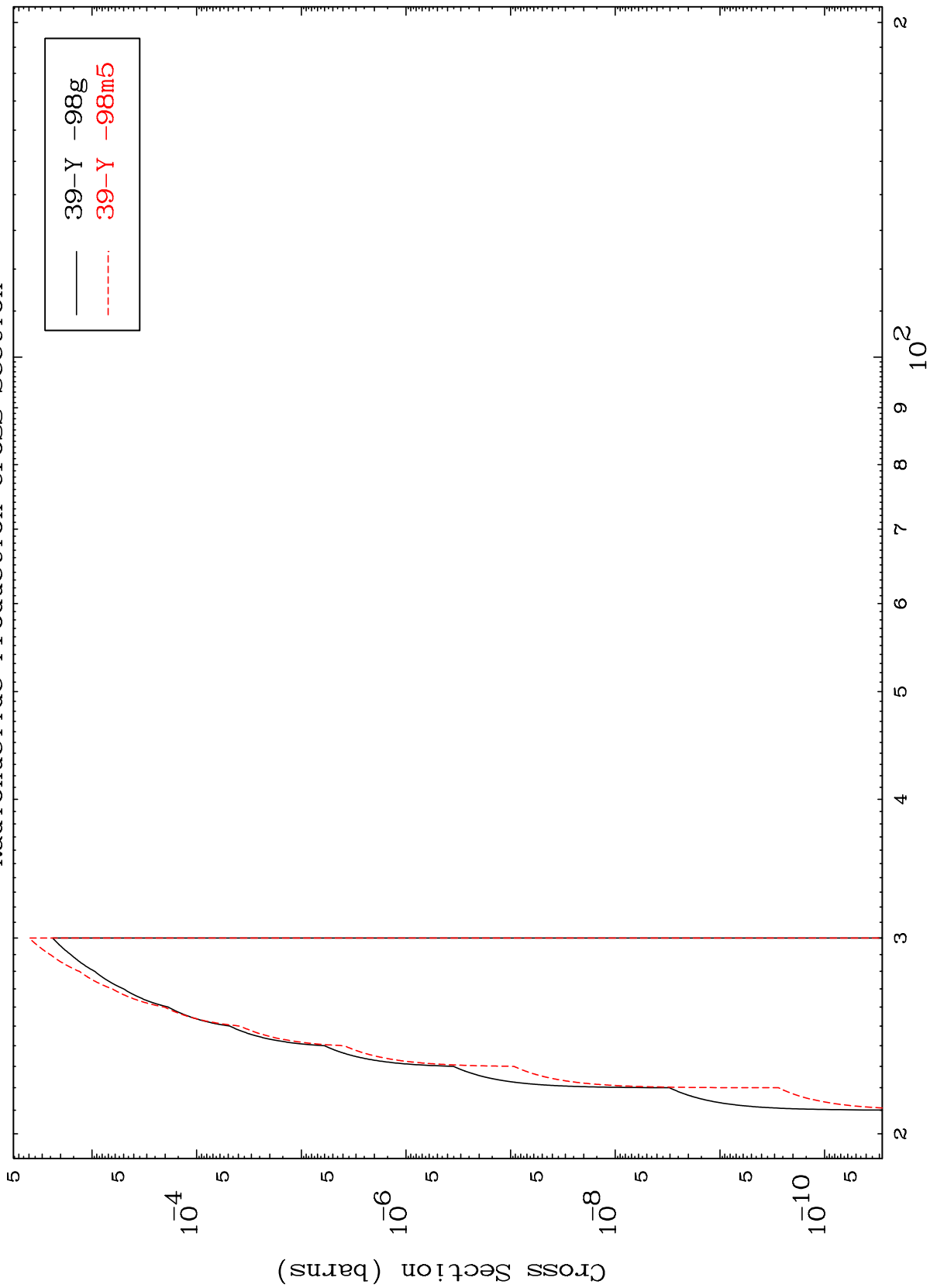
40-Zr-100

MAT 4055

(n,2n) p

40-Zr-100

Radionuclide Production Cross Section



129

Incident Energy (MeV)

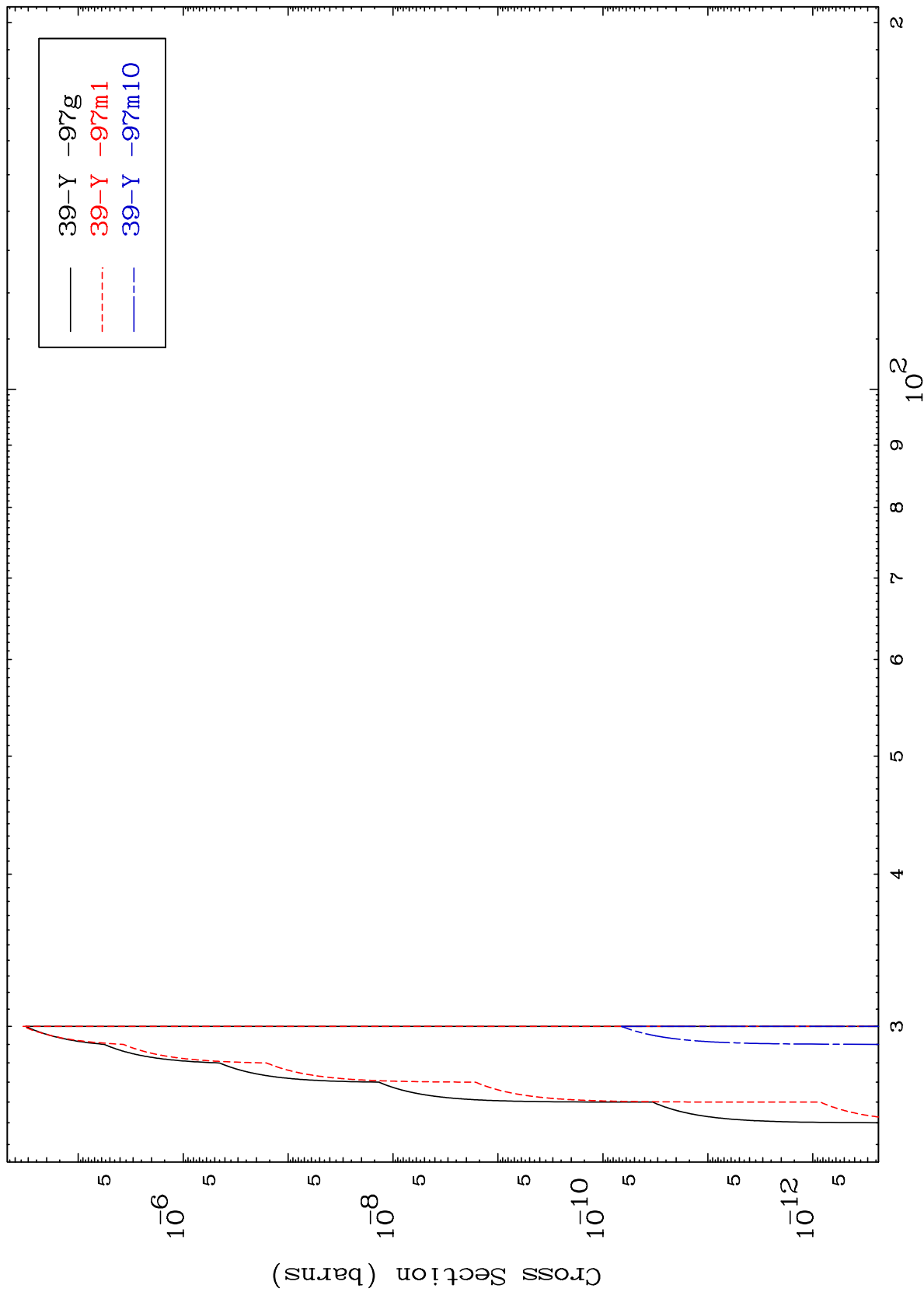
40-Zr-100

MAT 4055

(n,3n) p

40-Zr-100

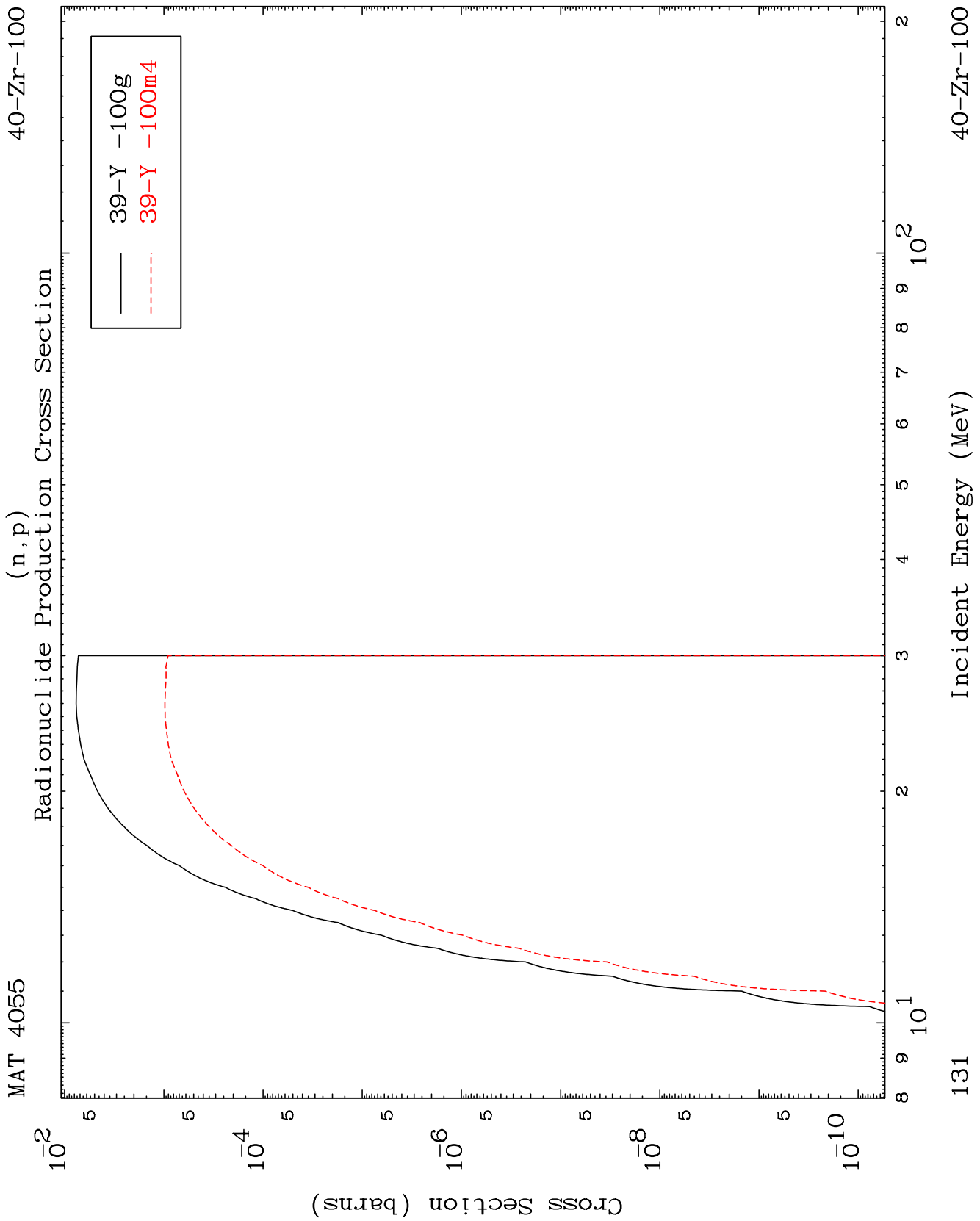
Radionuclide Production Cross Section



130

Incident Energy (MeV)

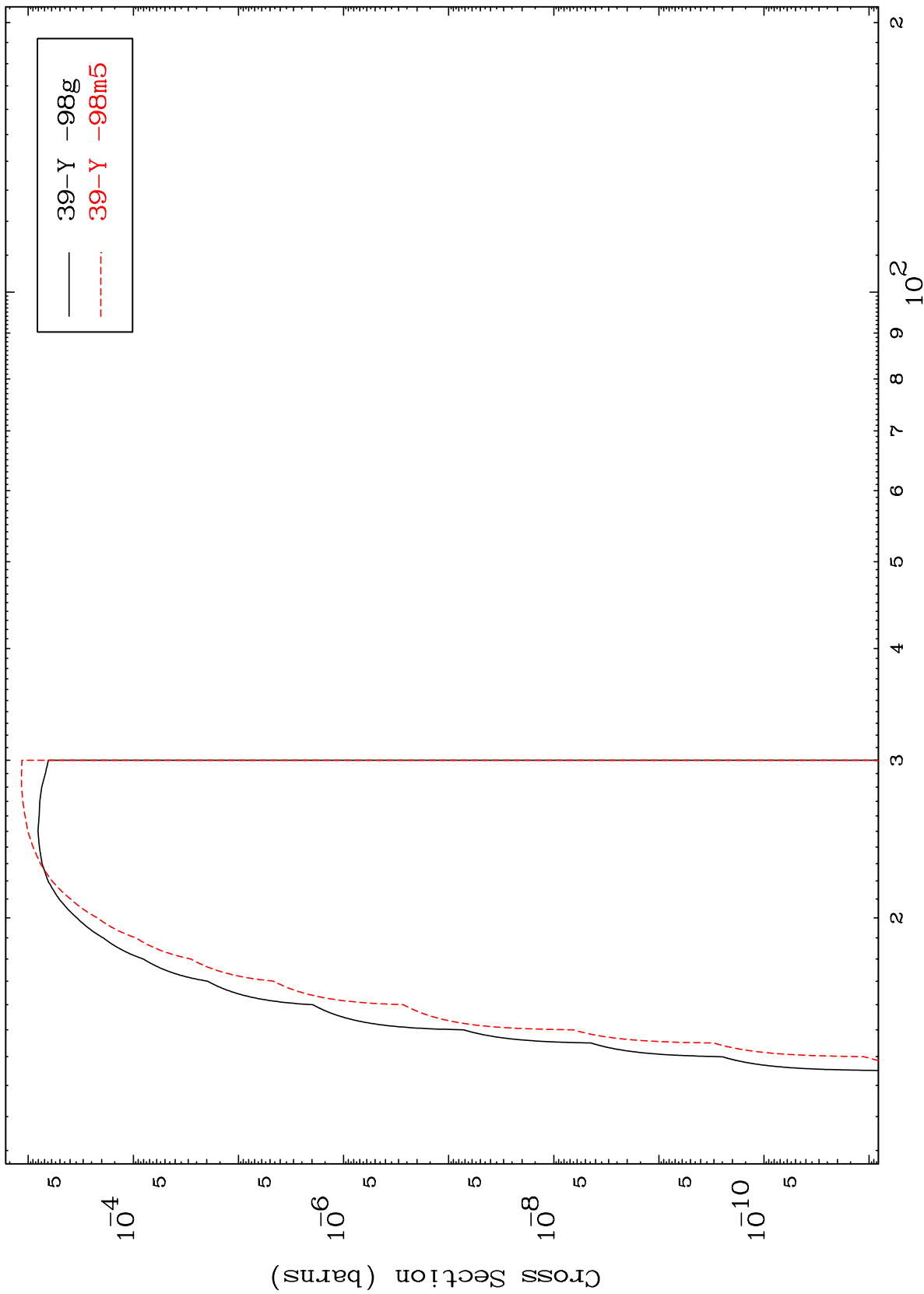
40-Zr-100



MAT 4055

40-Zr-100

(n,t)
Radionuclide Production Cross Section



132

Incident Energy (MeV)

40-Zr-100