

Program EVALPLOT
(Version 2015-2)

by

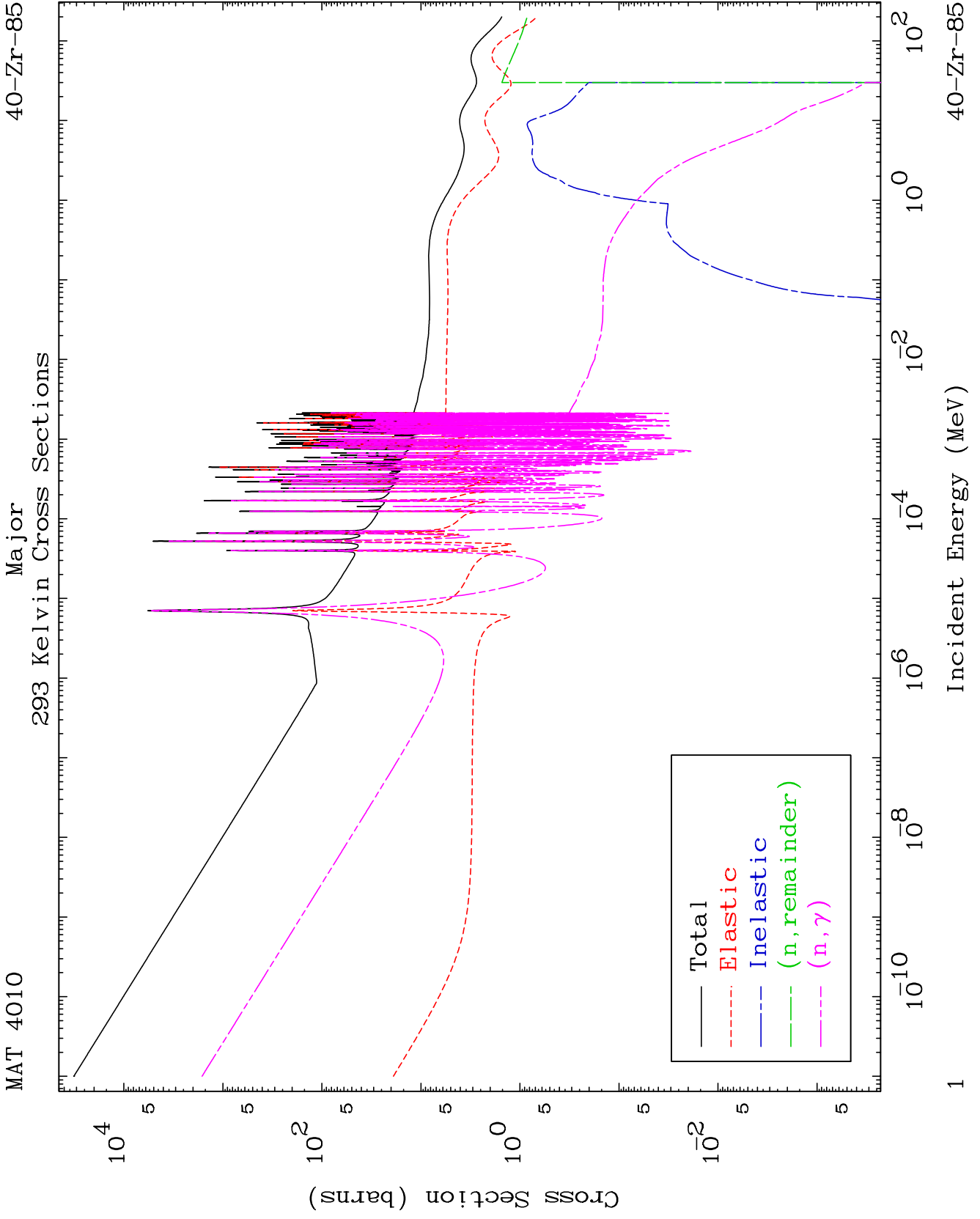
Dermott E. Cullen
(Present Contact Information)

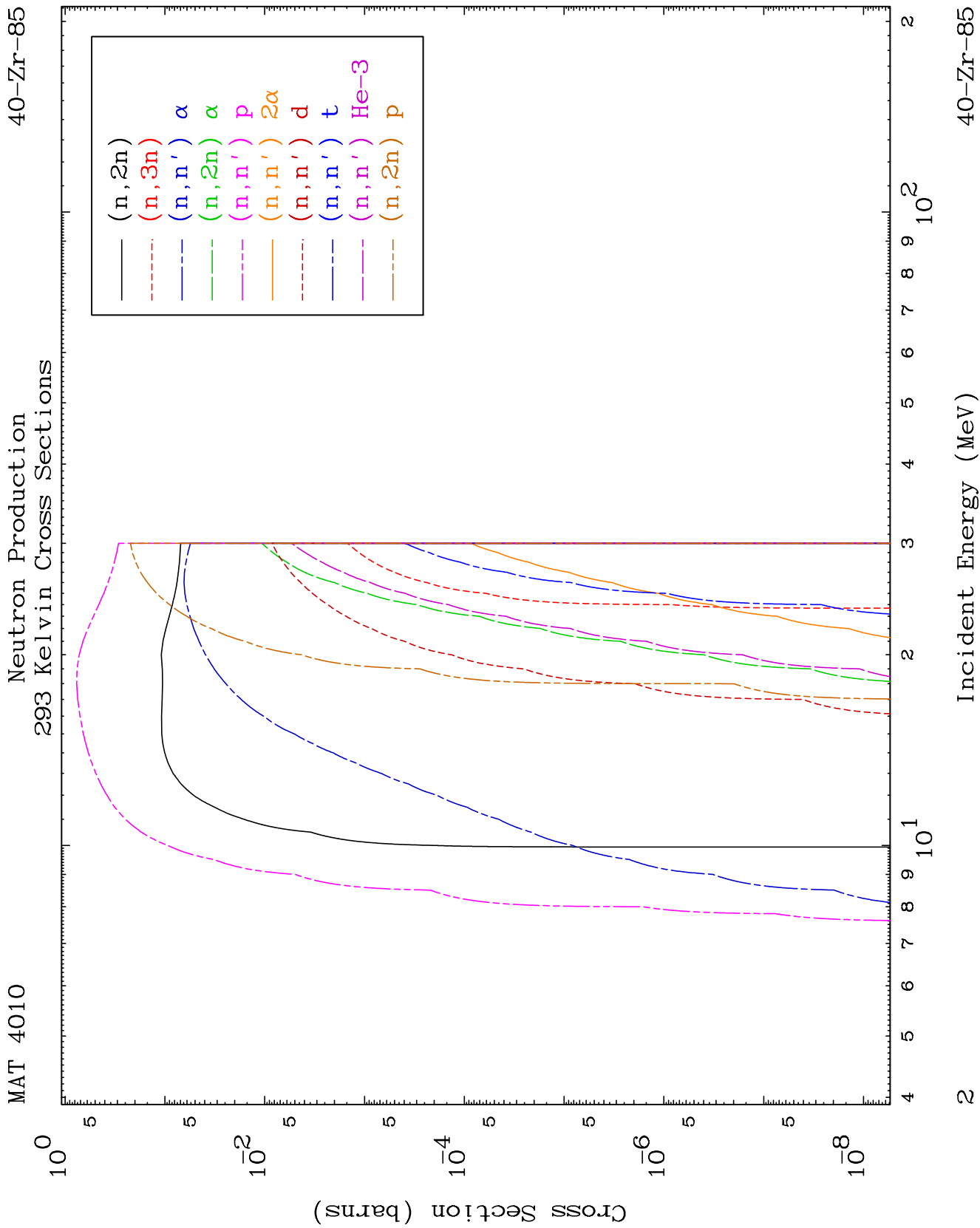
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

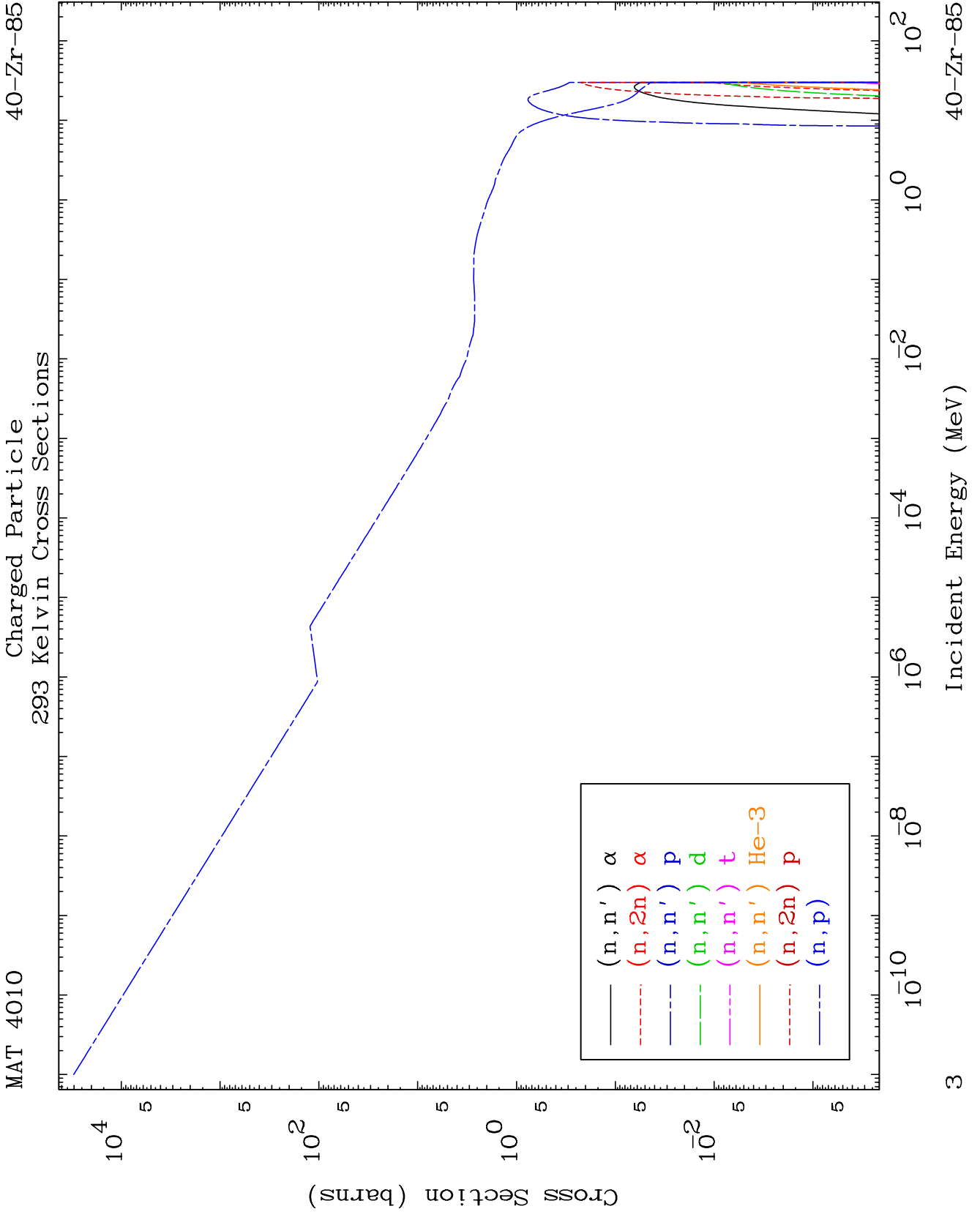
Tele: 925-443-1911

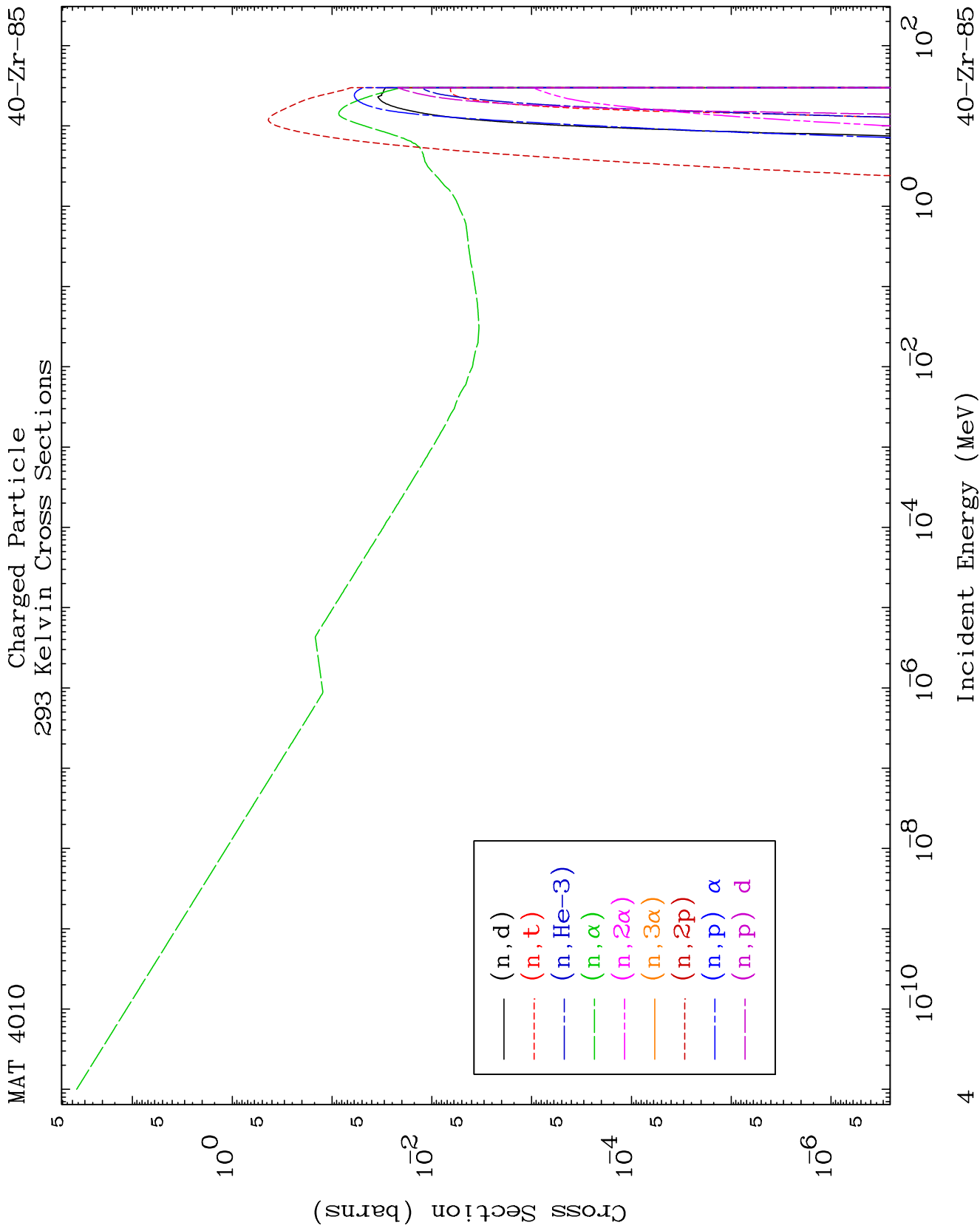
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start





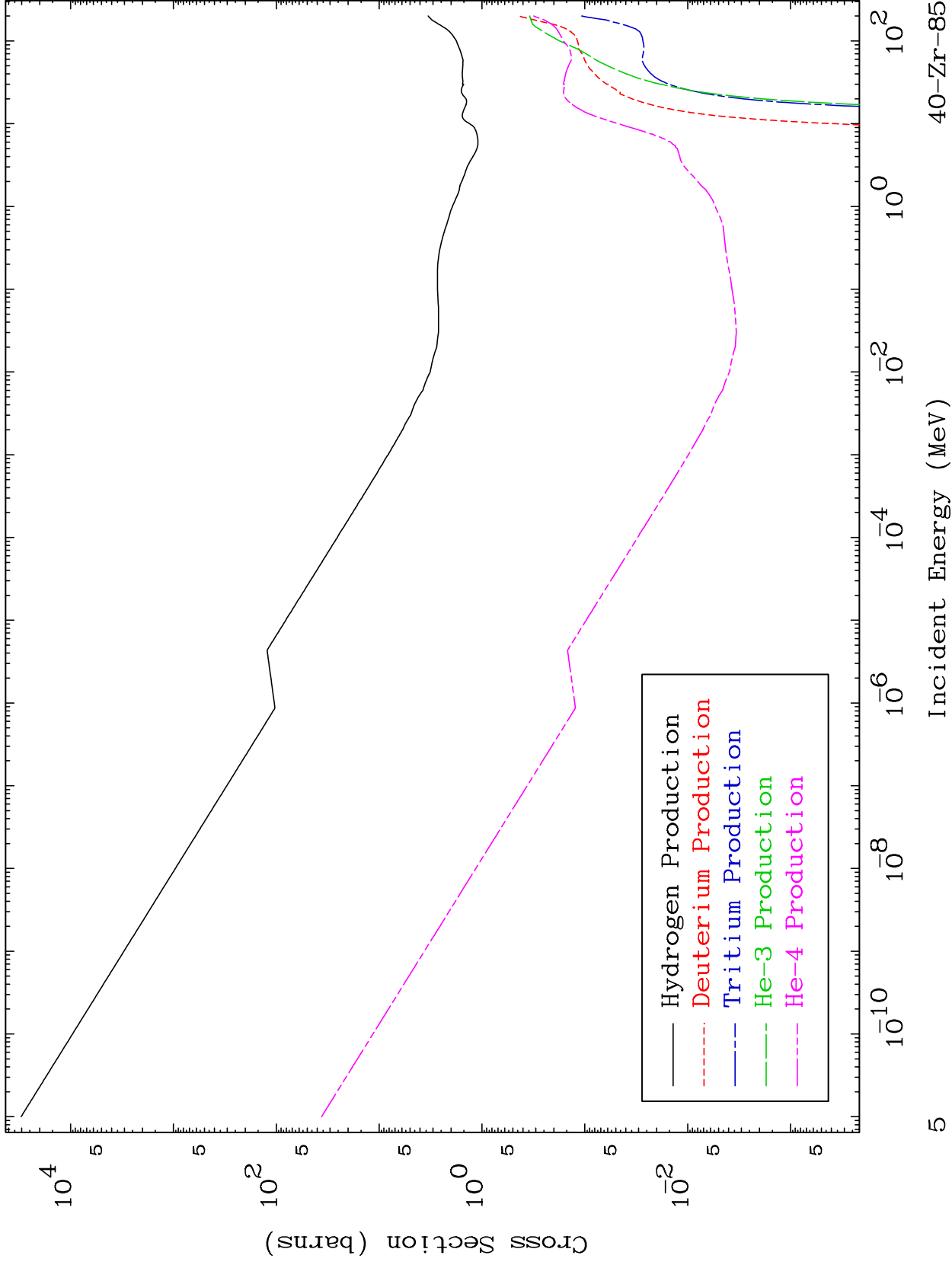




MAT 4010

Particle Production
293 Kelvin Cross Sections

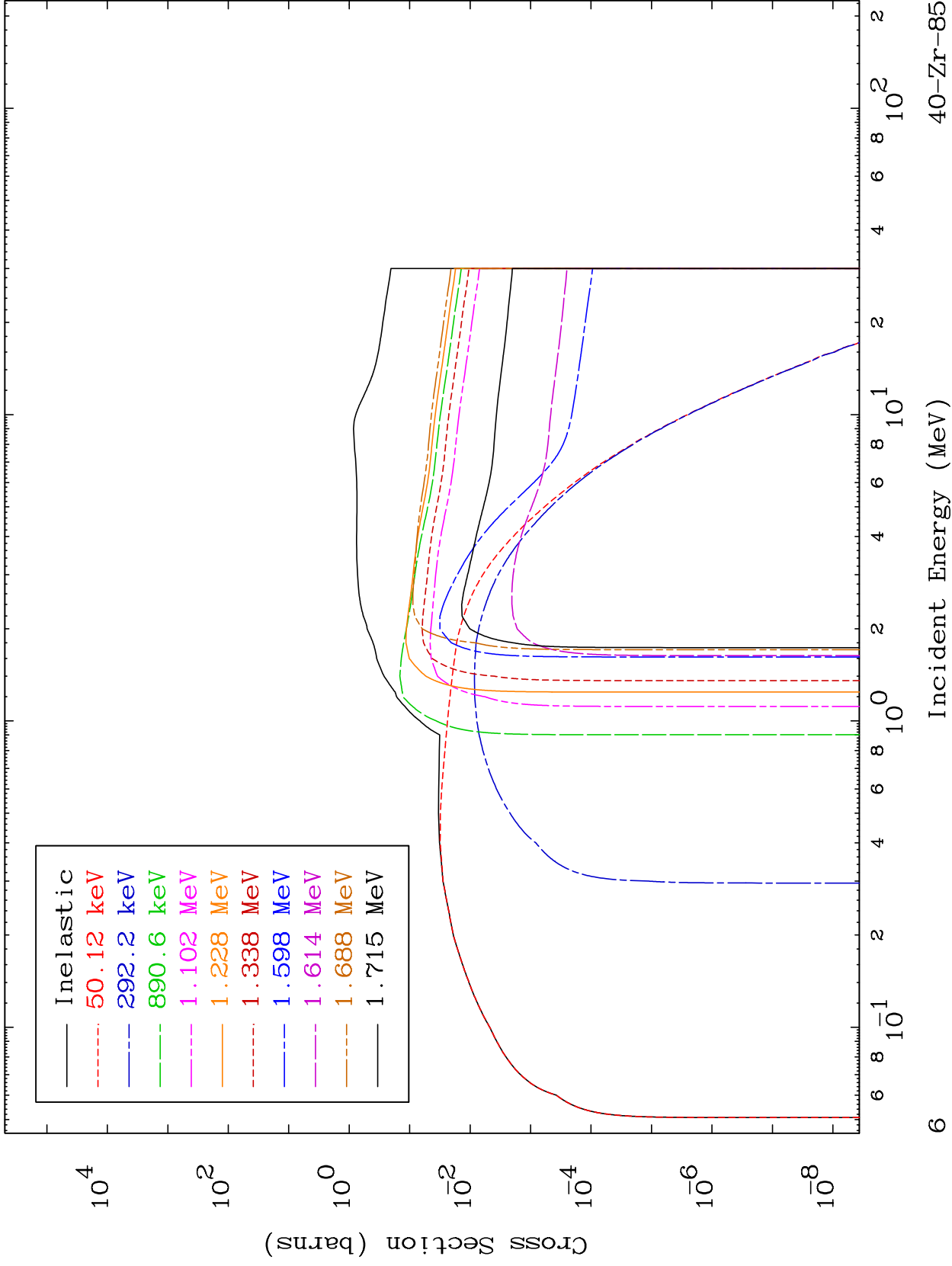
40-Zr-85



MAT 4010

(n,n') Level
293 Kelvin Cross Sections

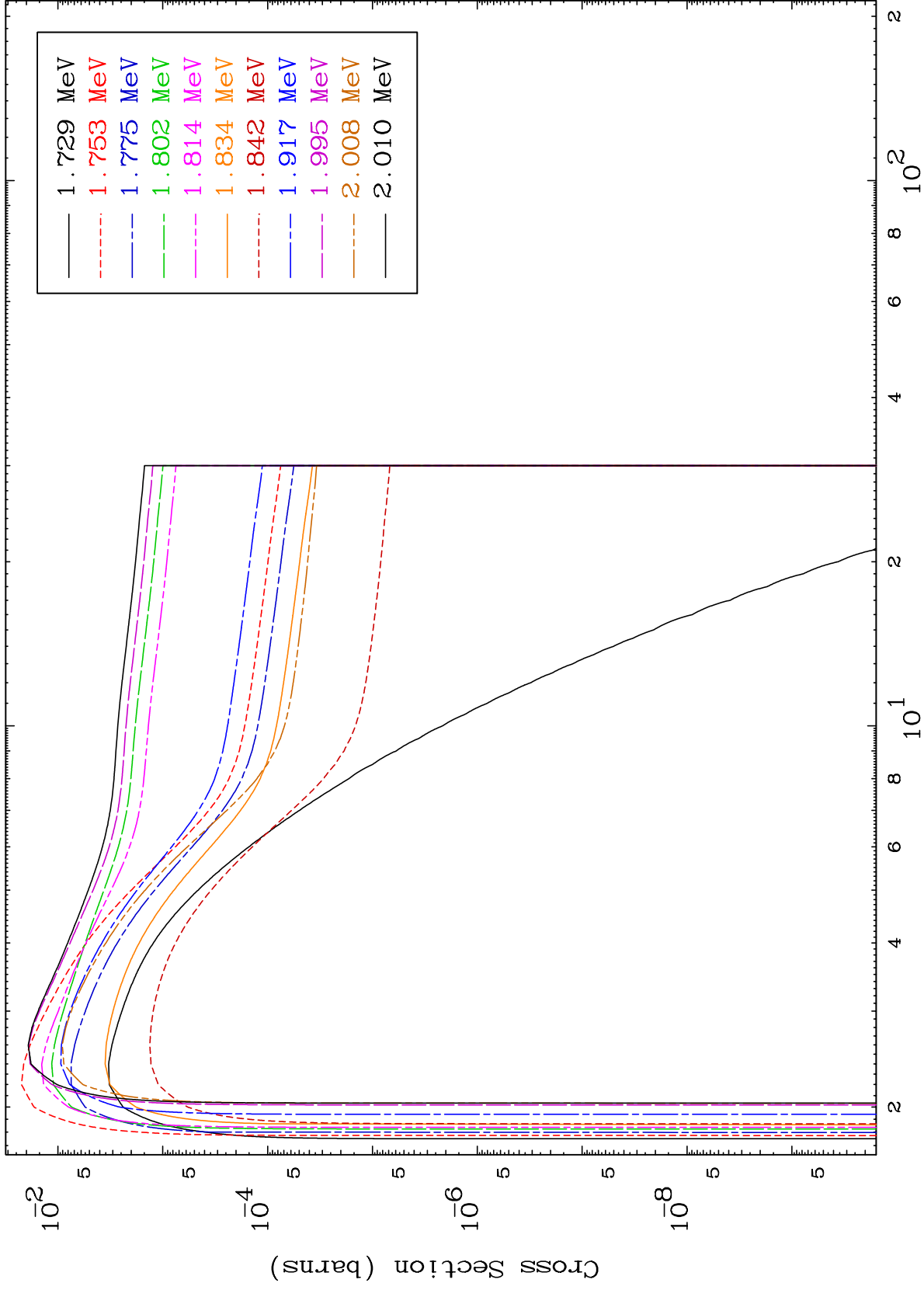
40-Zr-85



MAT 4010

(n,n') Level
293 Kelvin Cross Sections

40-Zr-85



7

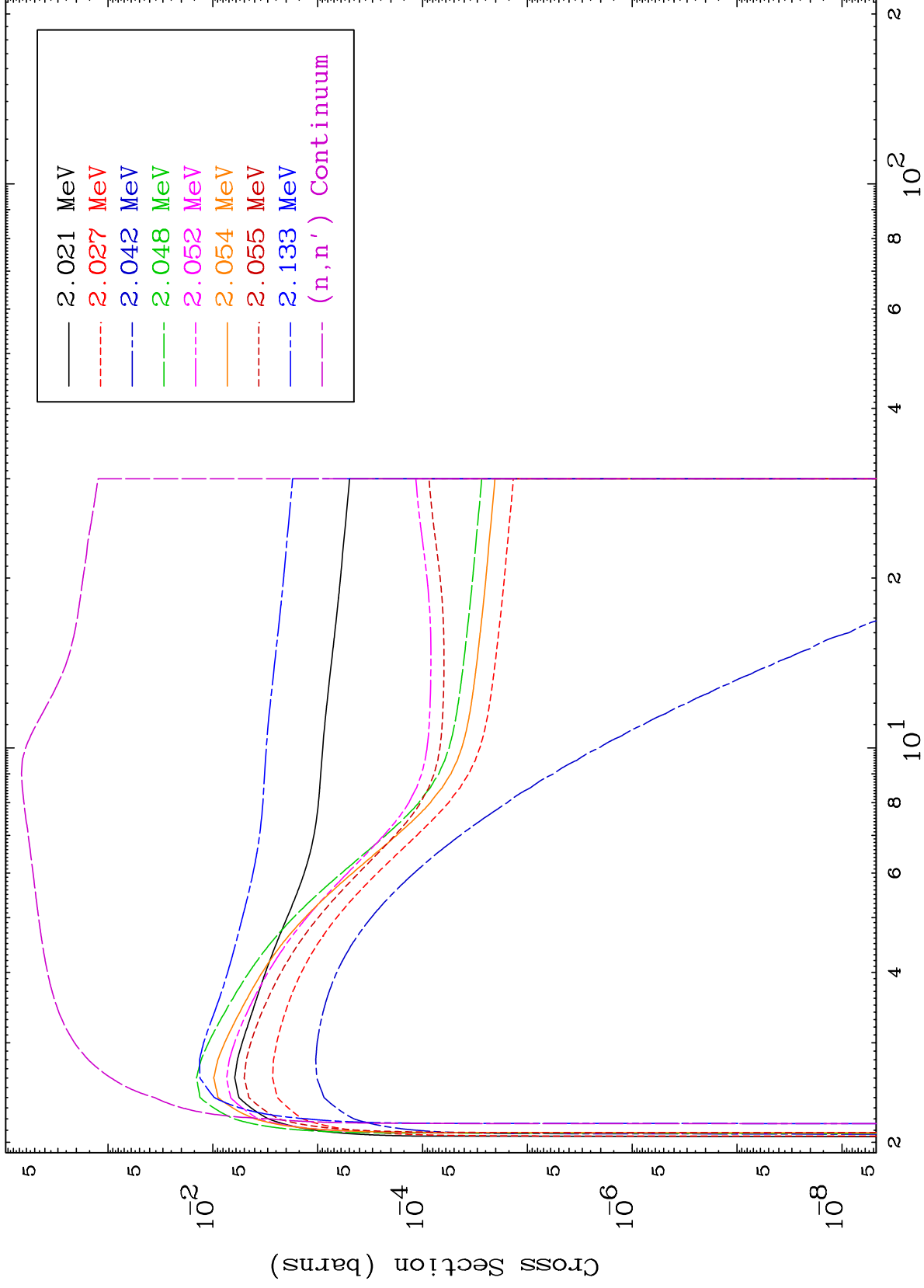
Incident Energy (MeV)

40-Zr-85

MAT 4010

(n,n') Level
293 Kelvin Cross Sections

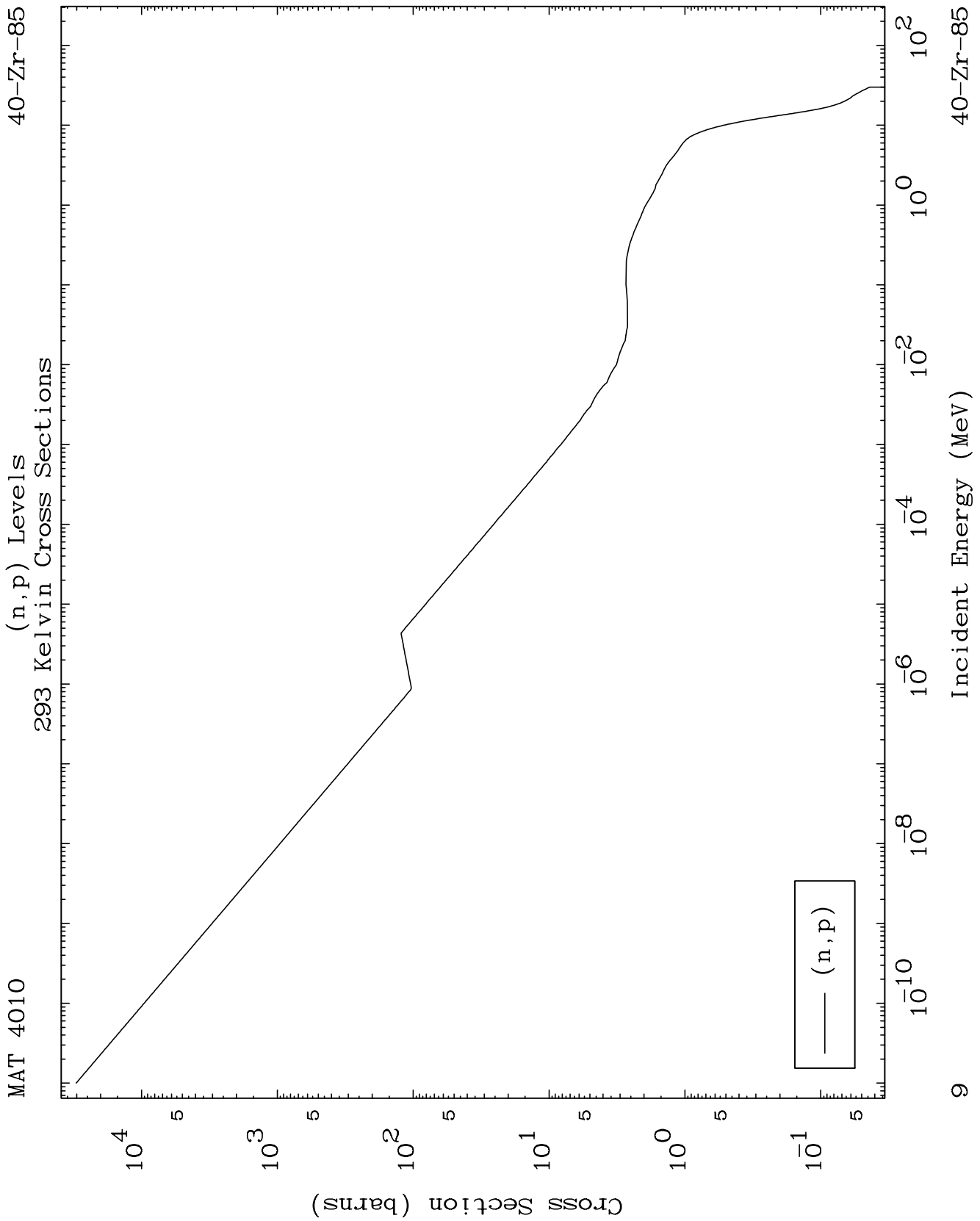
40-Zr-85



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Incident Energy (MeV)

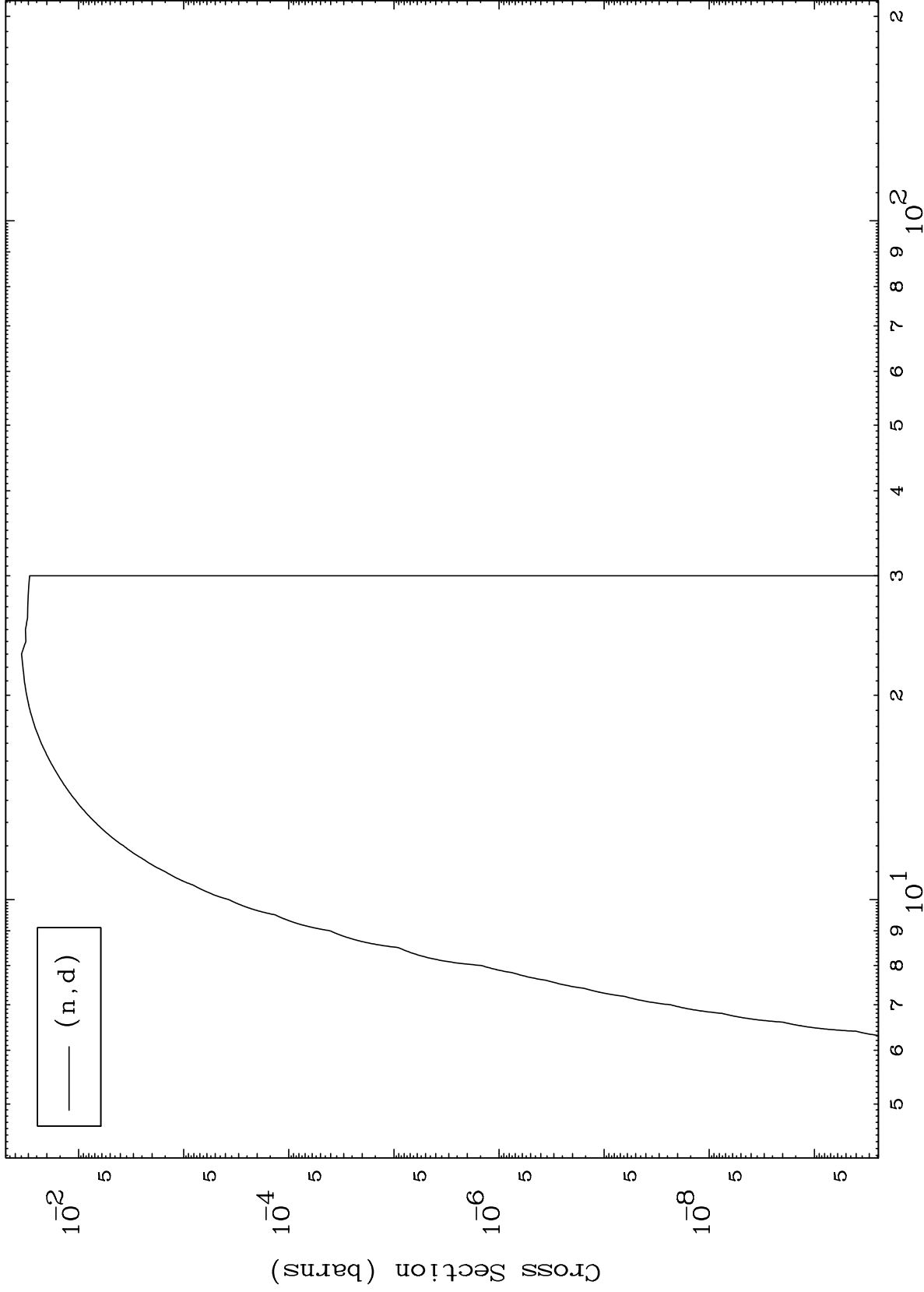
40-Zr-85



MAT 4010

(n,d) Levels
293 Kelvin Cross Sections

40-Zr-85



10

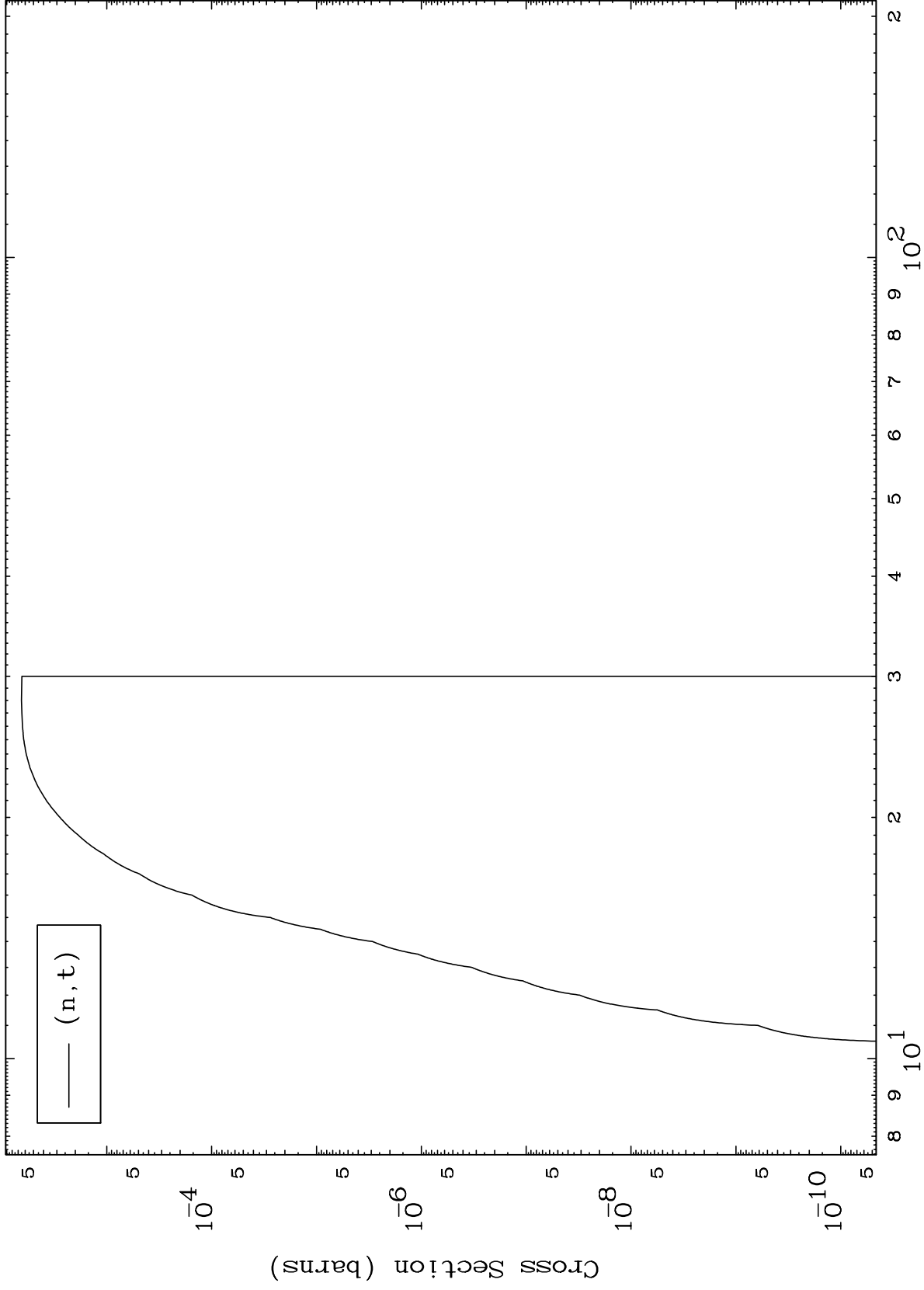
Incident Energy (MeV)

40-Zr-85

MAT 4010

(n,t) Levels
293 Kelvin Cross Sections

40-Zr-85



11

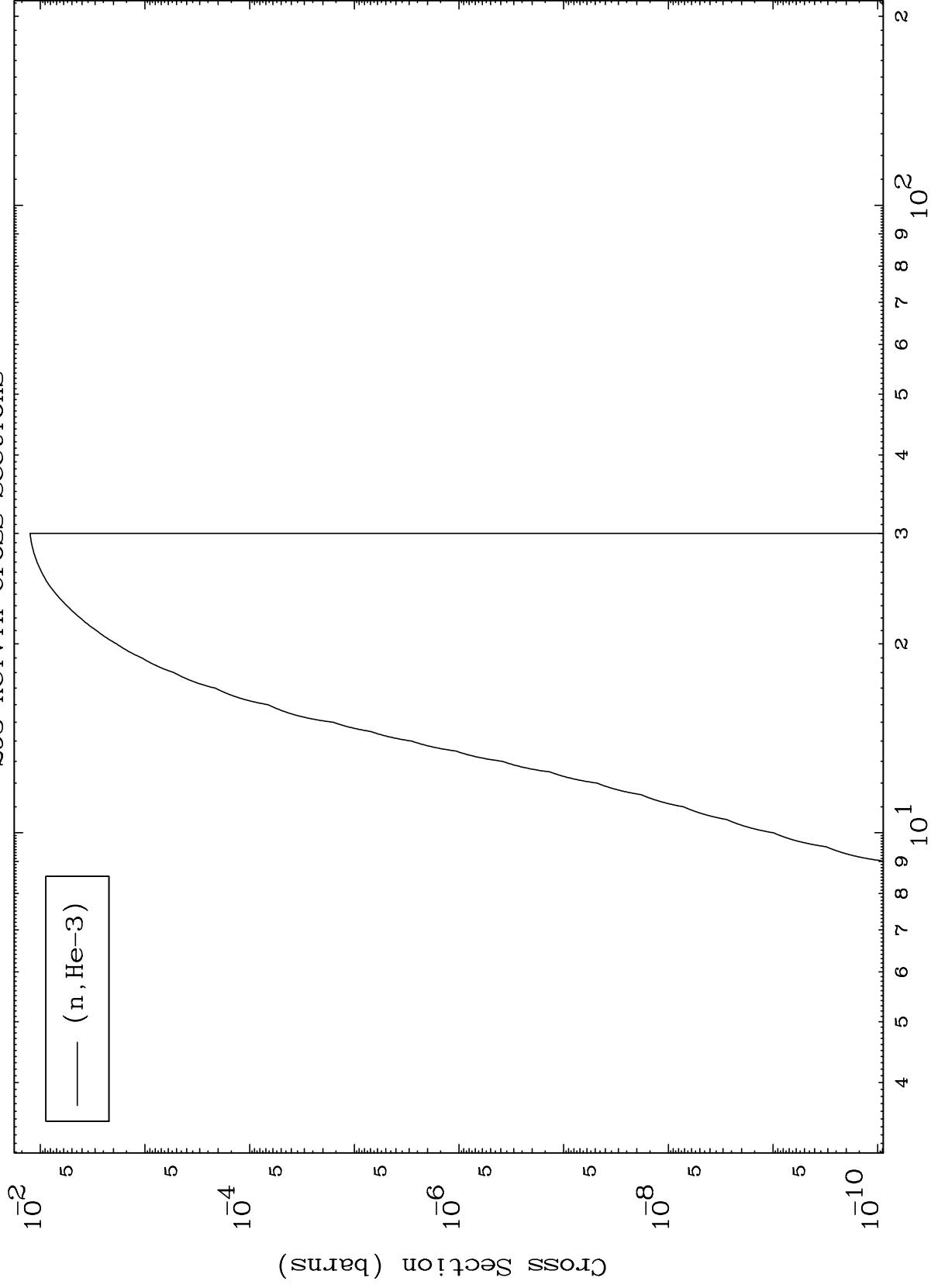
Incident Energy (MeV)

40-Zr-85

MAT 4010

(n,He3) Levels
293 Kelvin Cross Sections

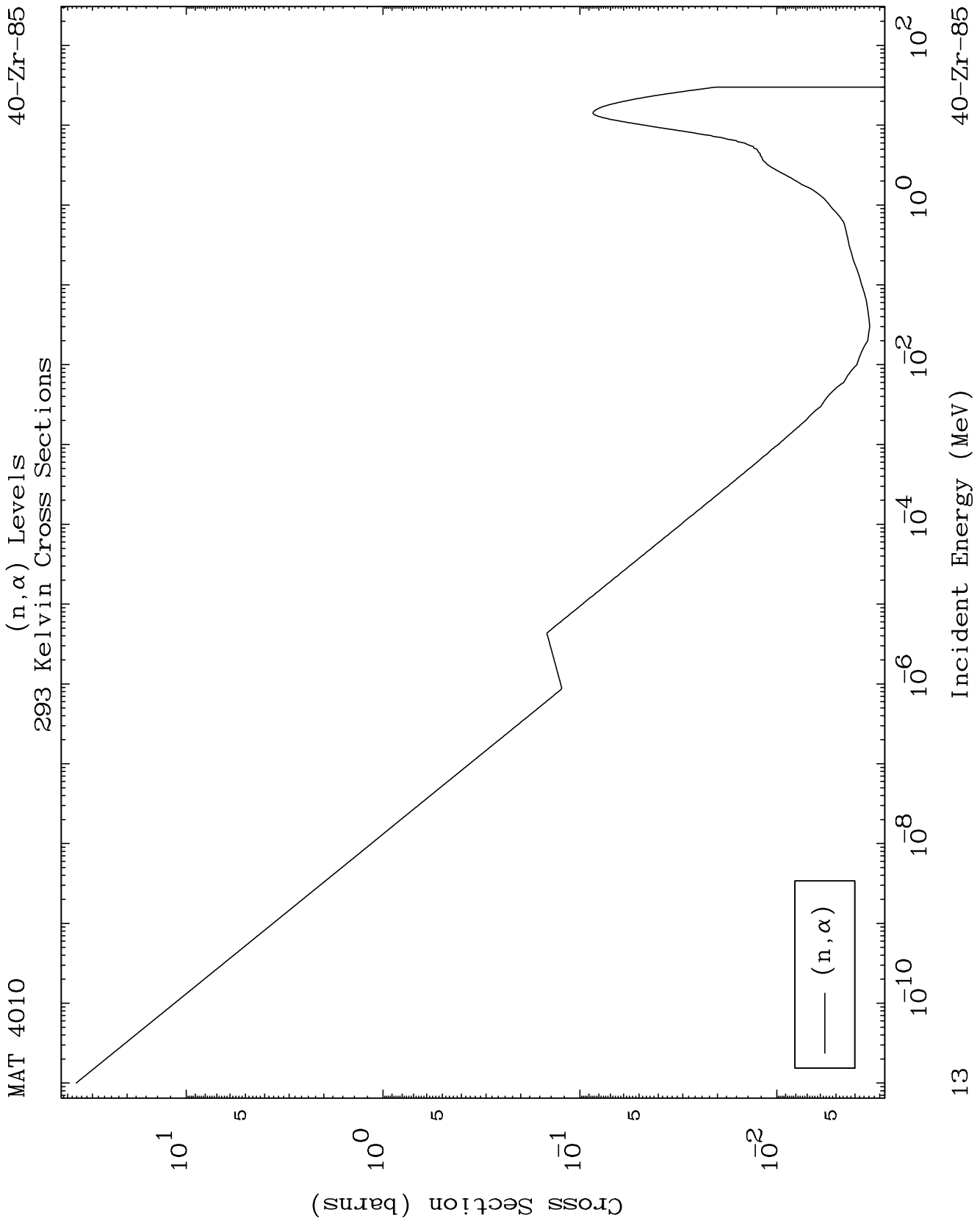
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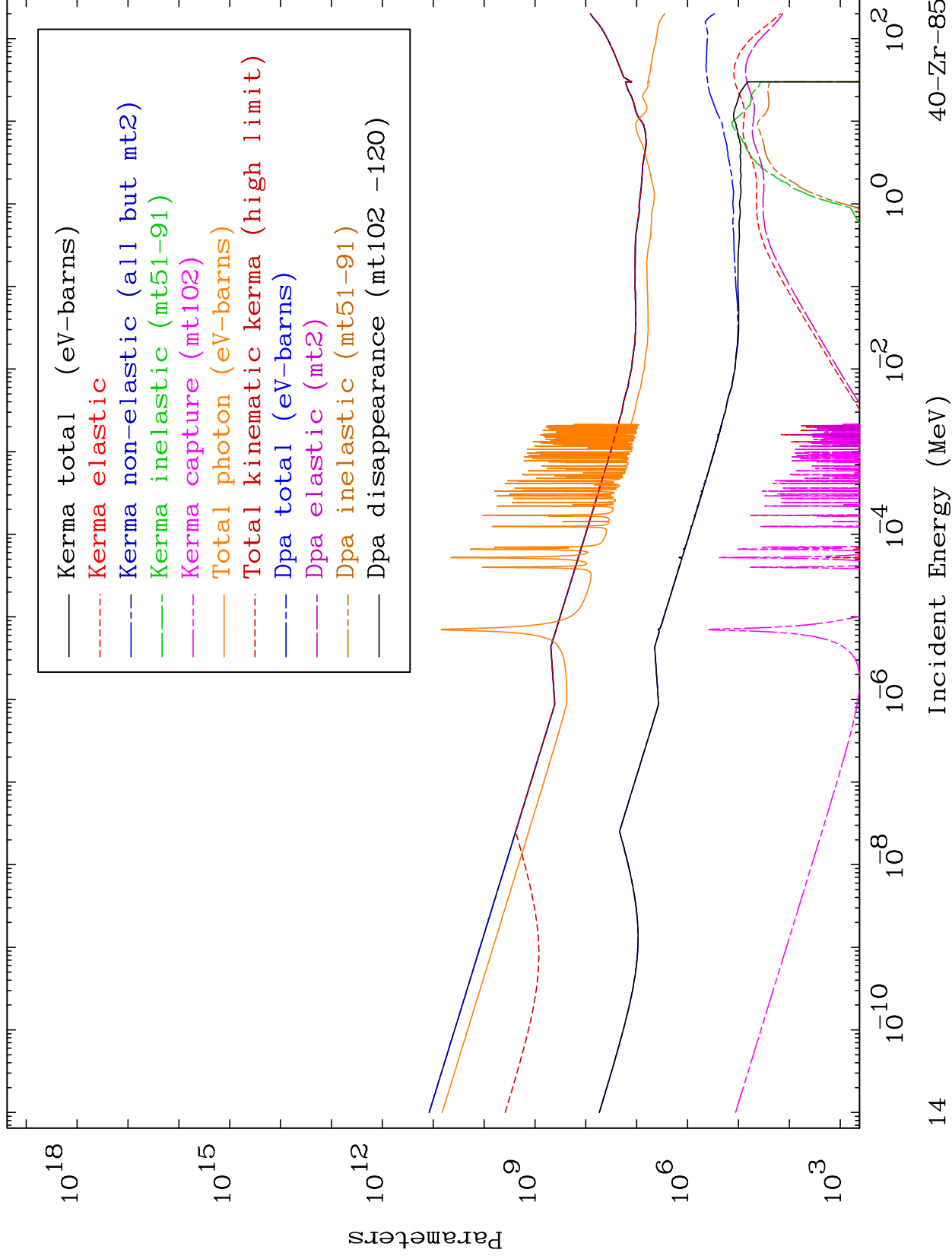


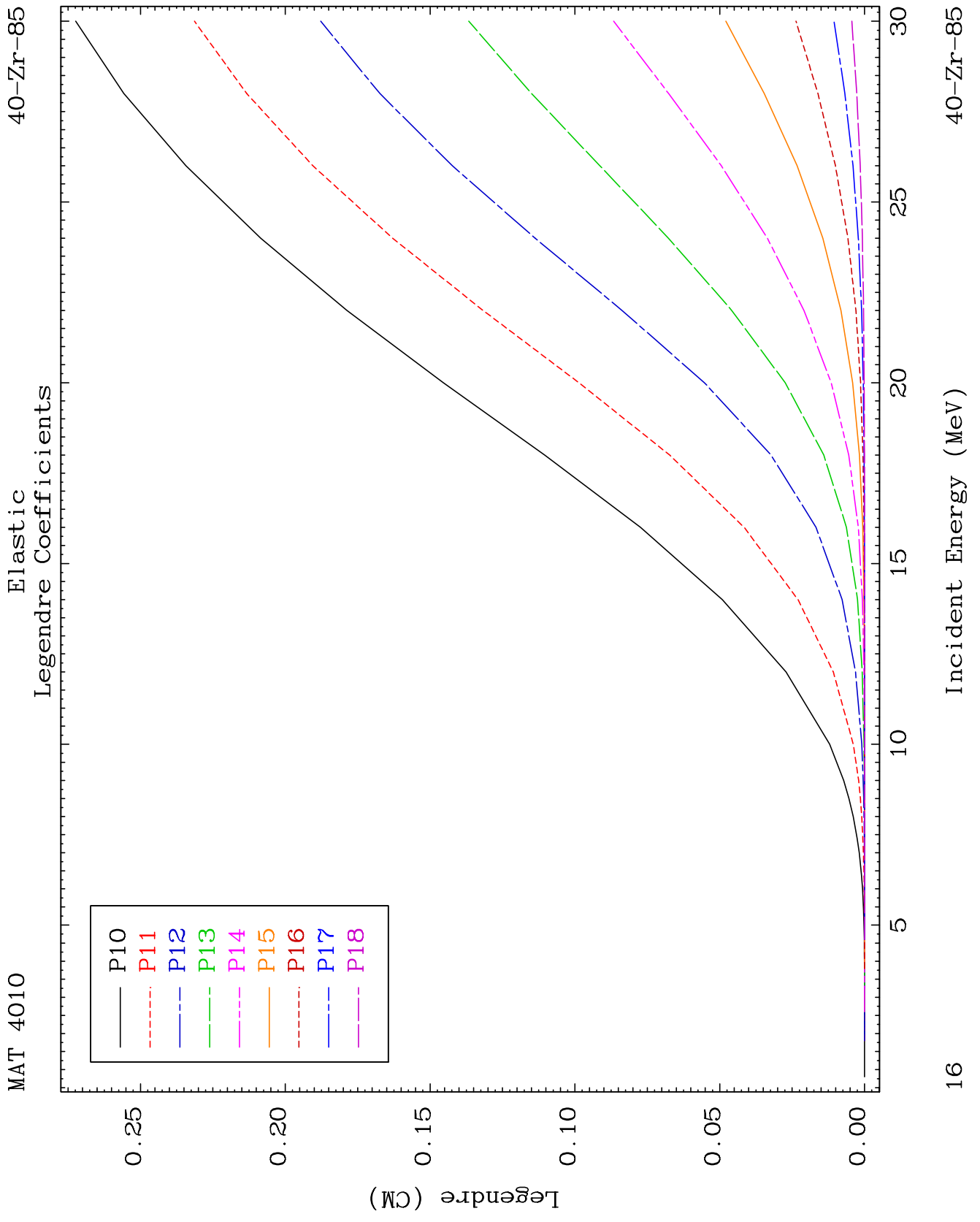
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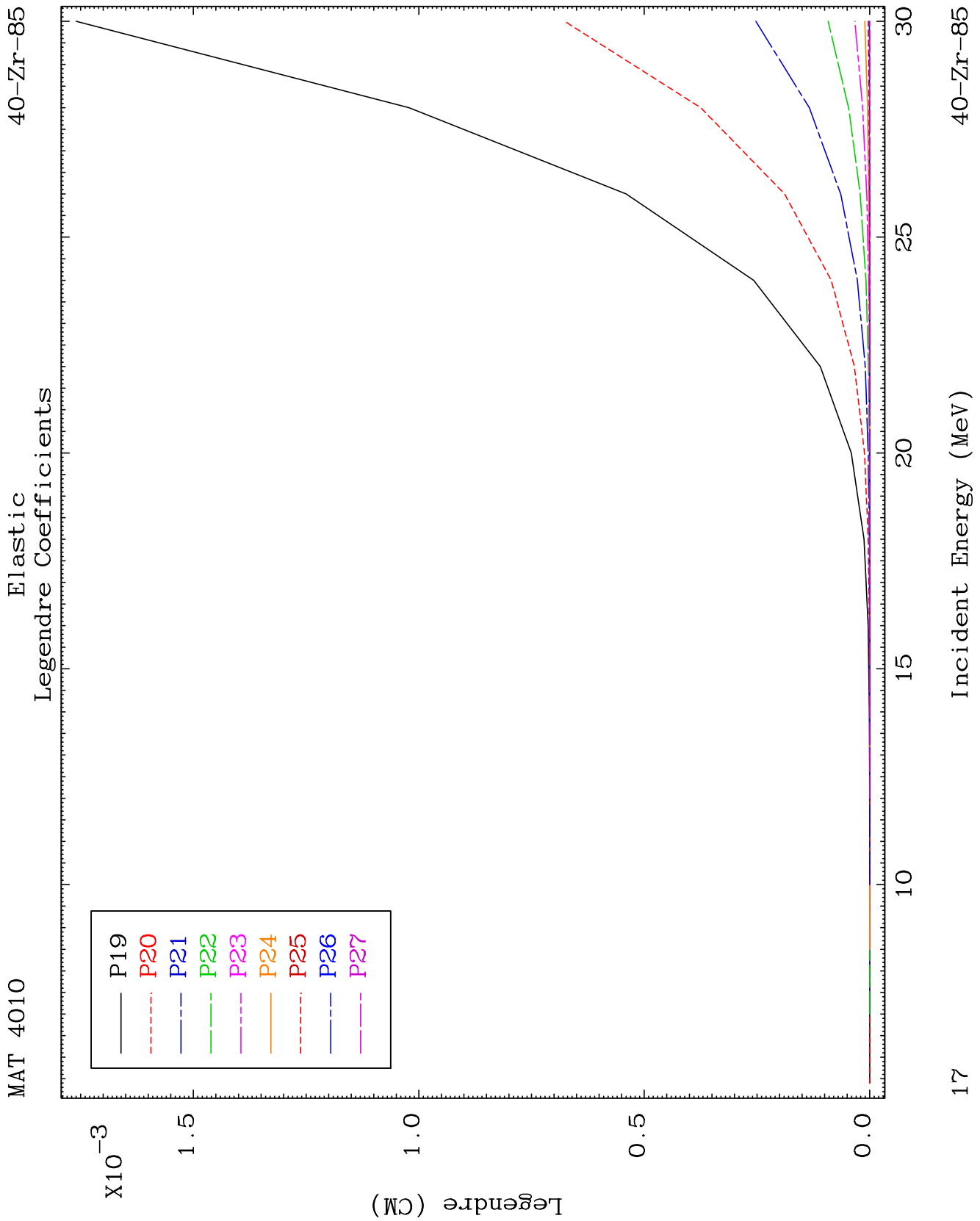
Incident Energy (MeV)

40-Zr-85









MAT 4010

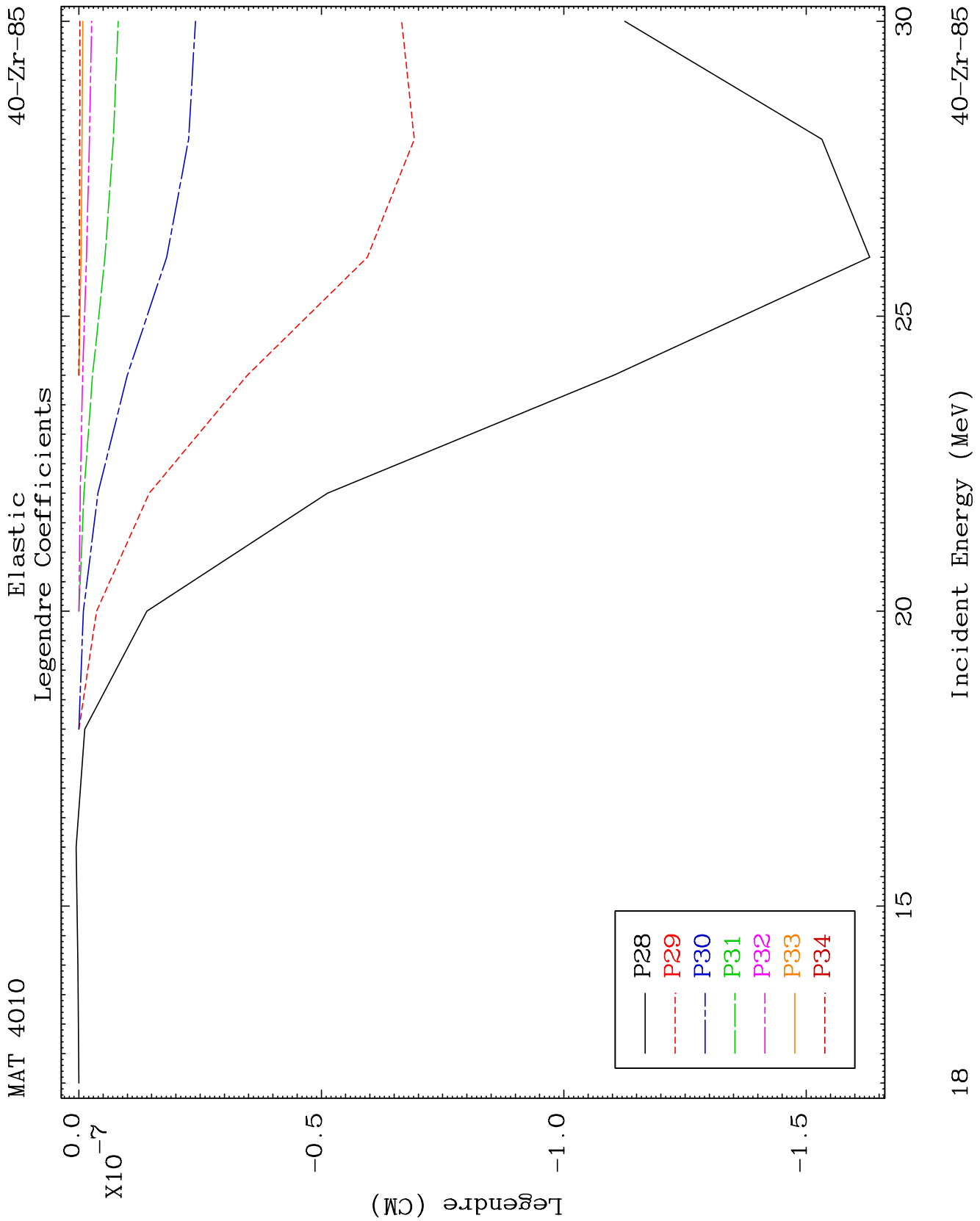
Elastic Legendre Coefficients

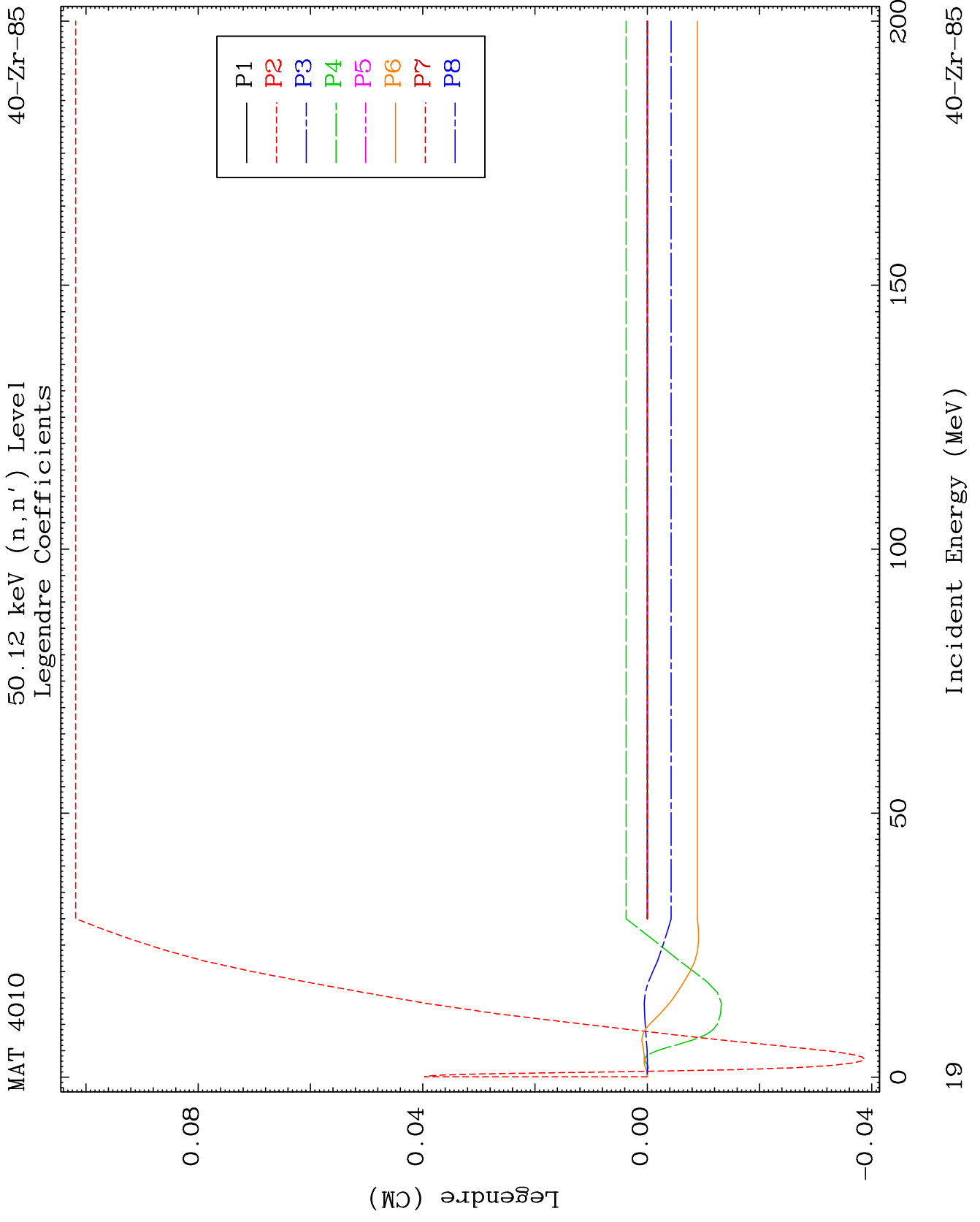
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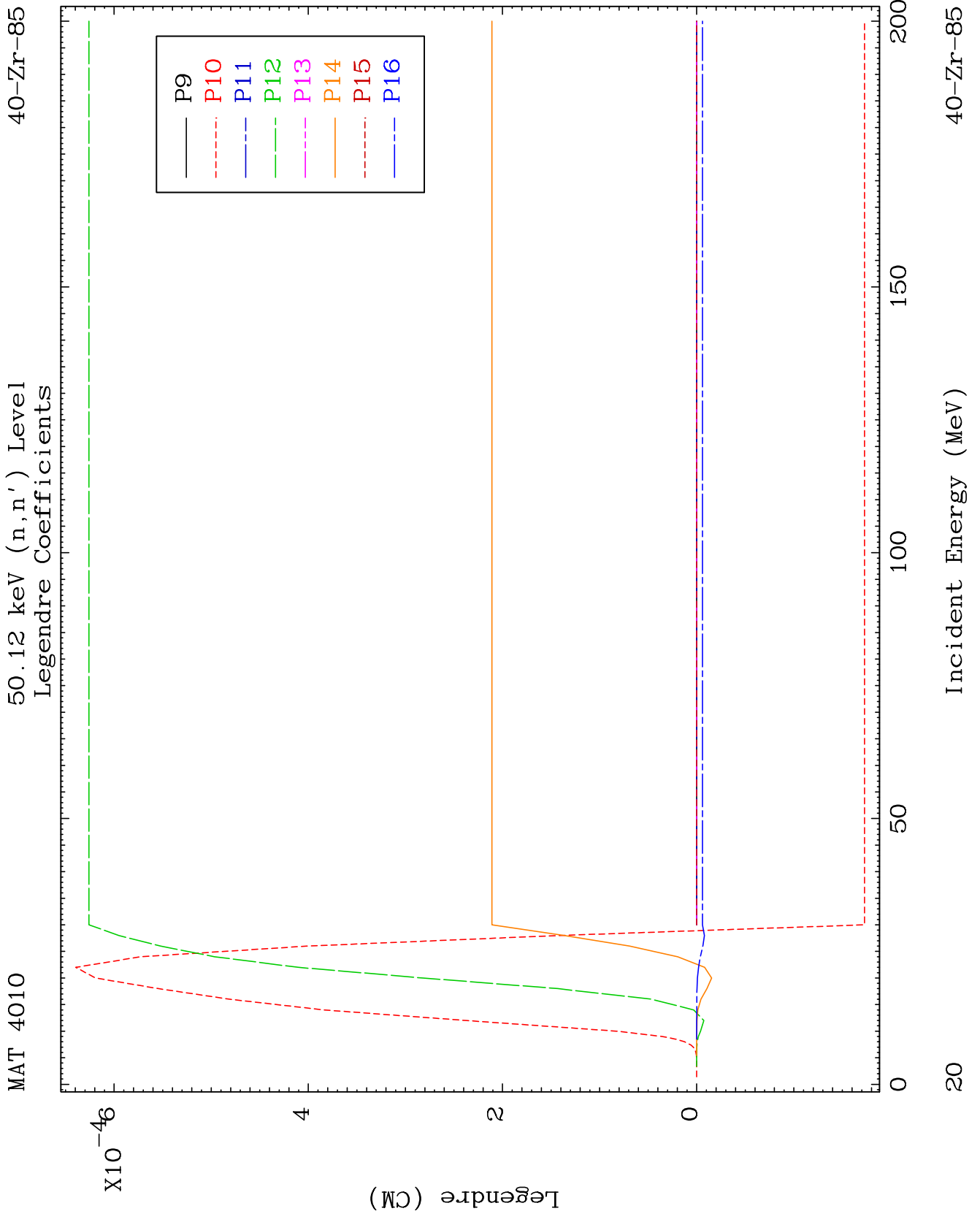
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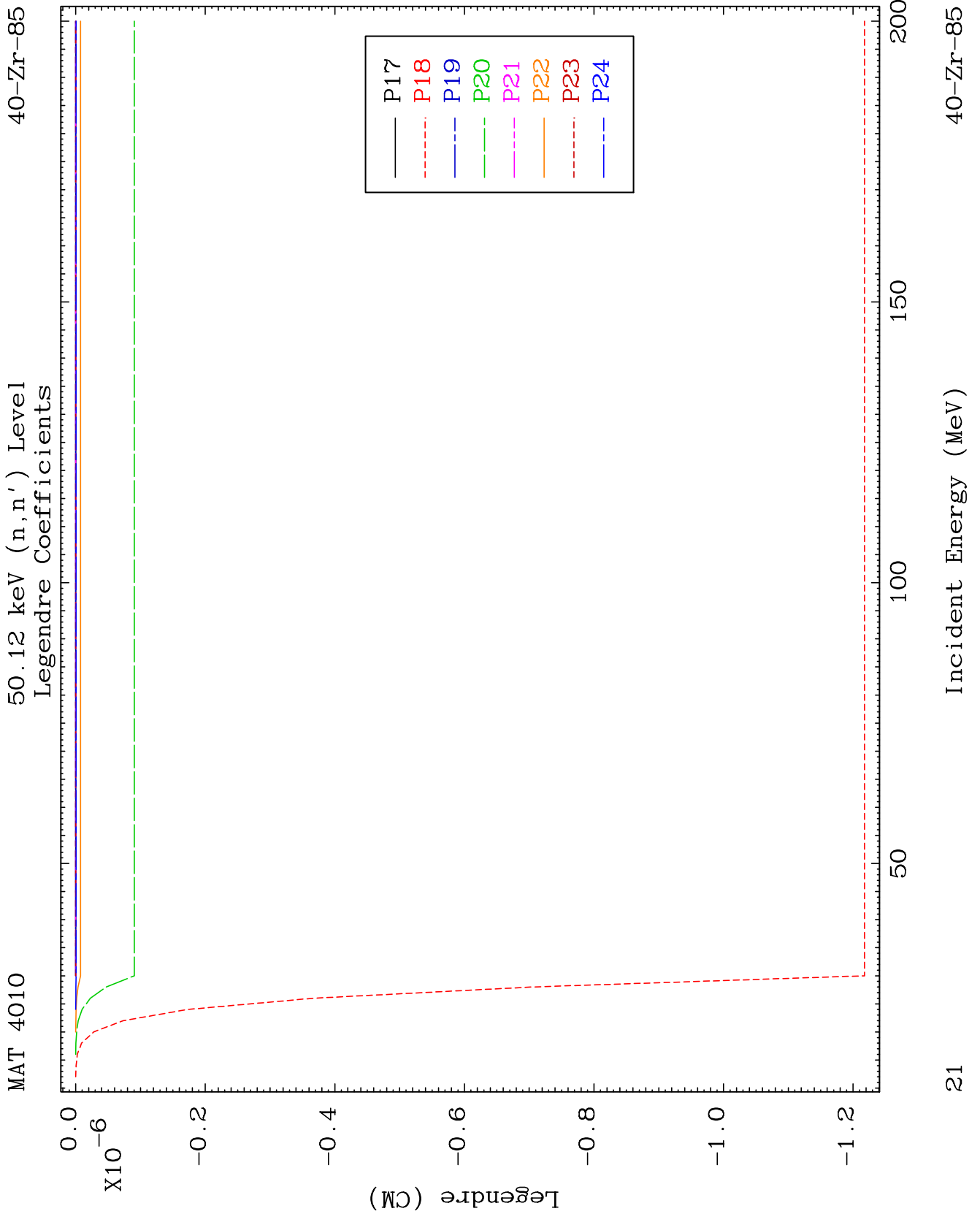
Incident Energy (MeV)

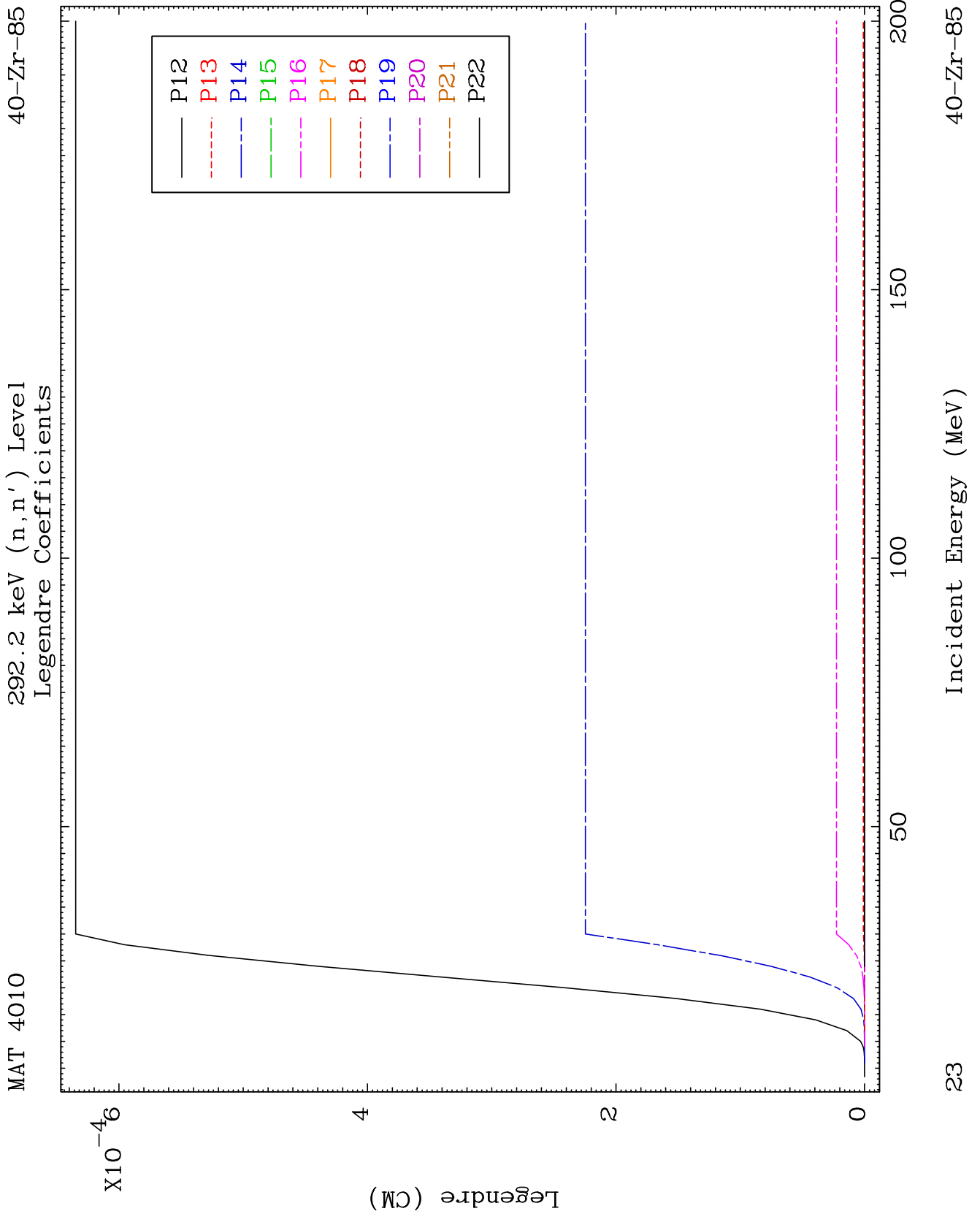
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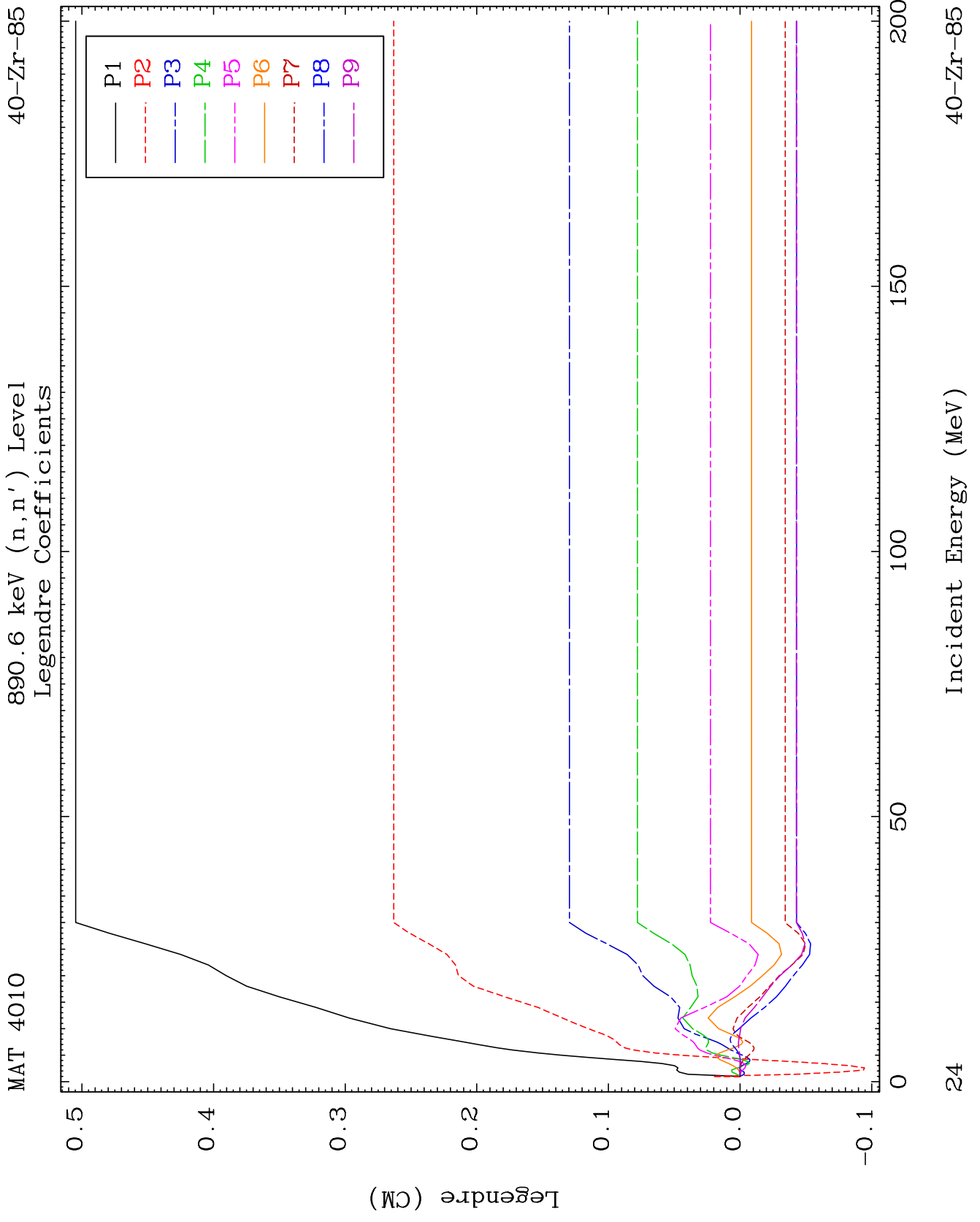


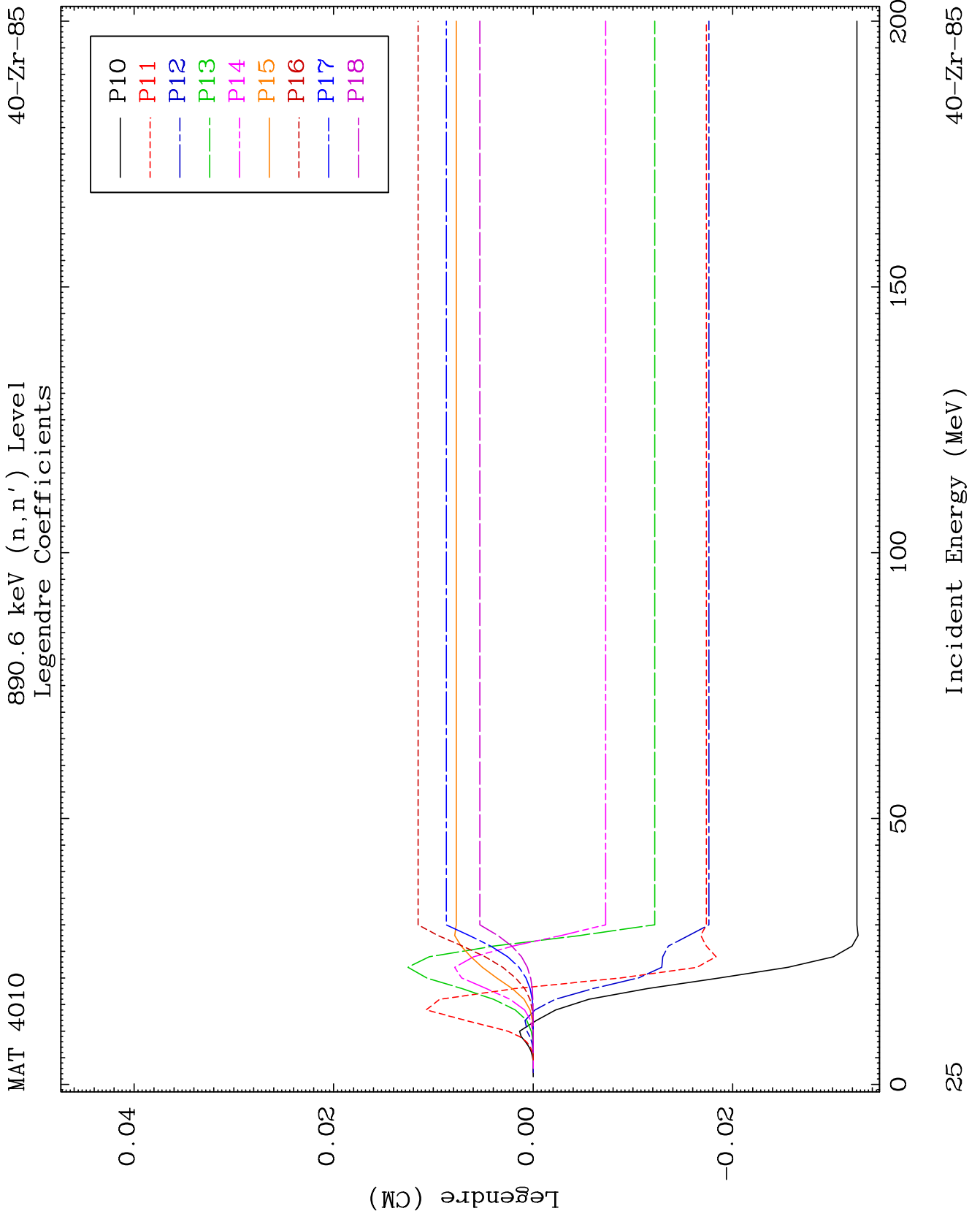


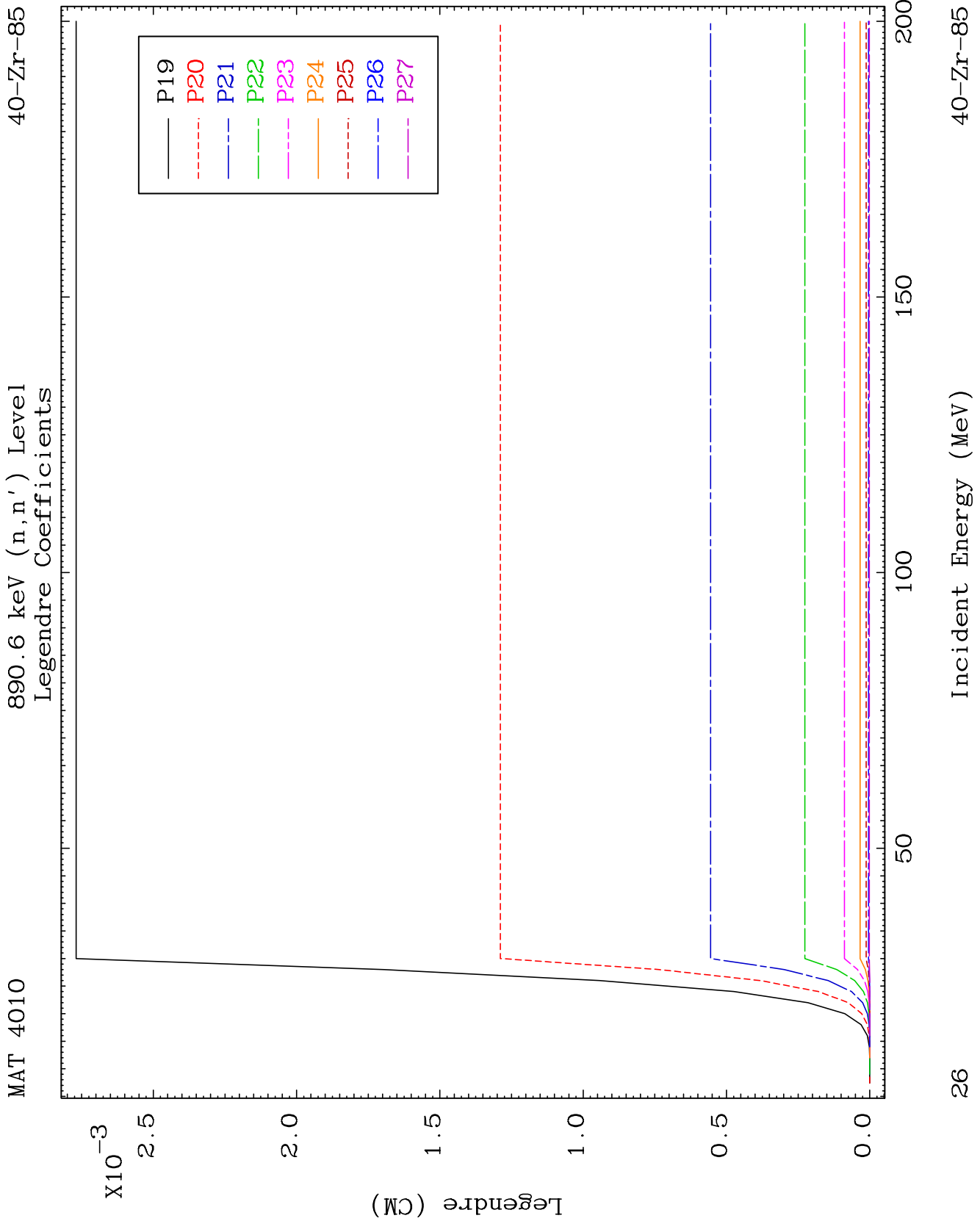


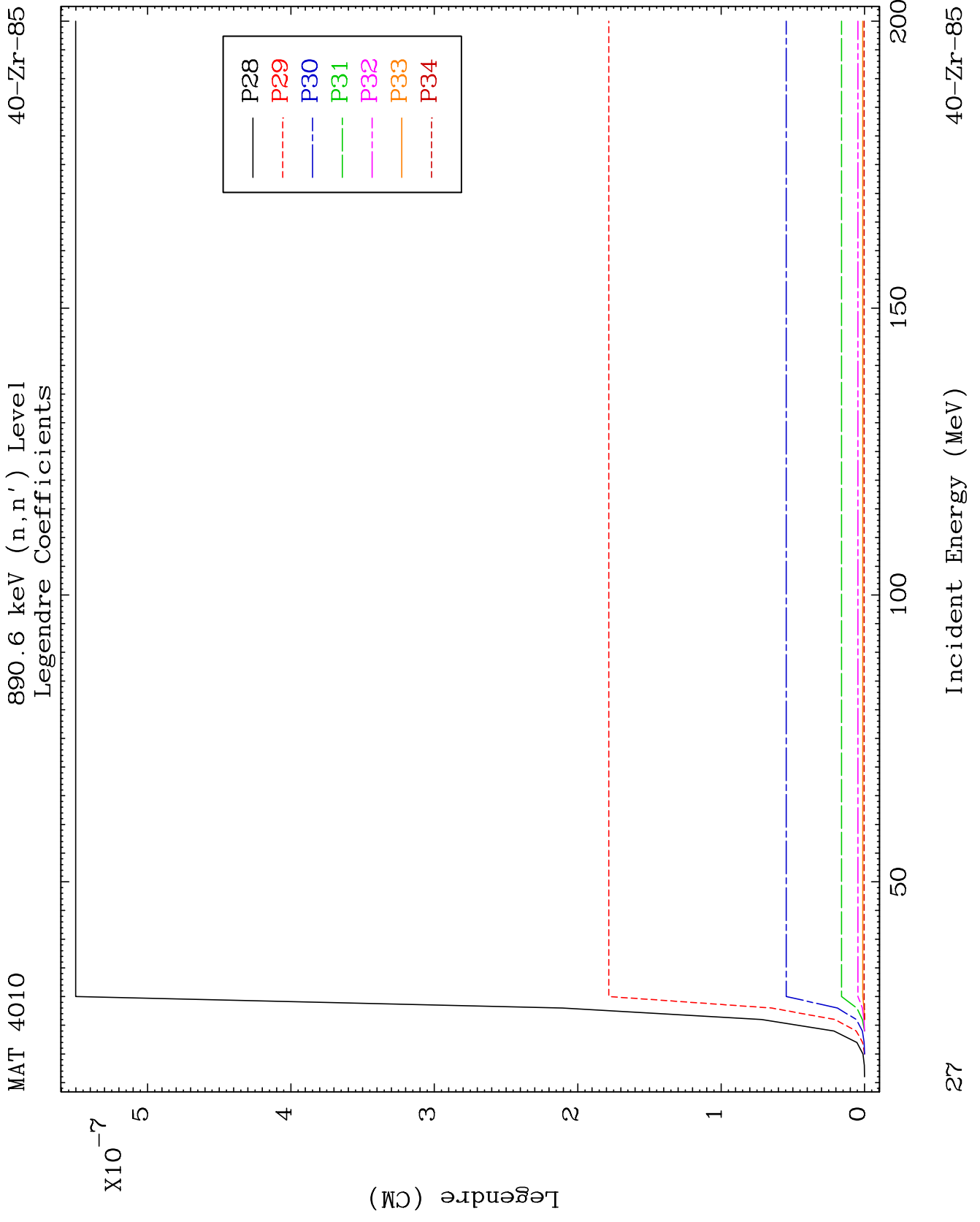


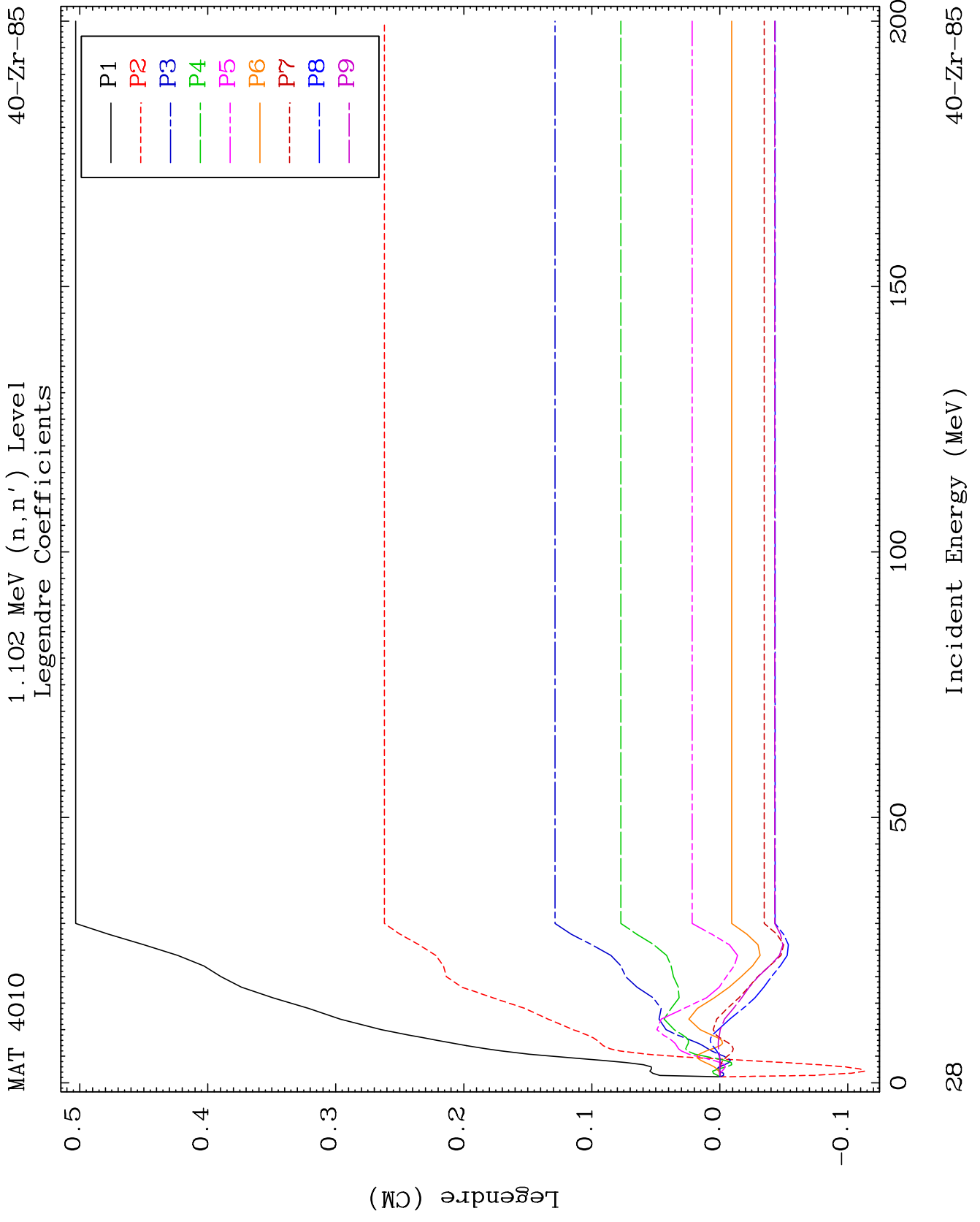


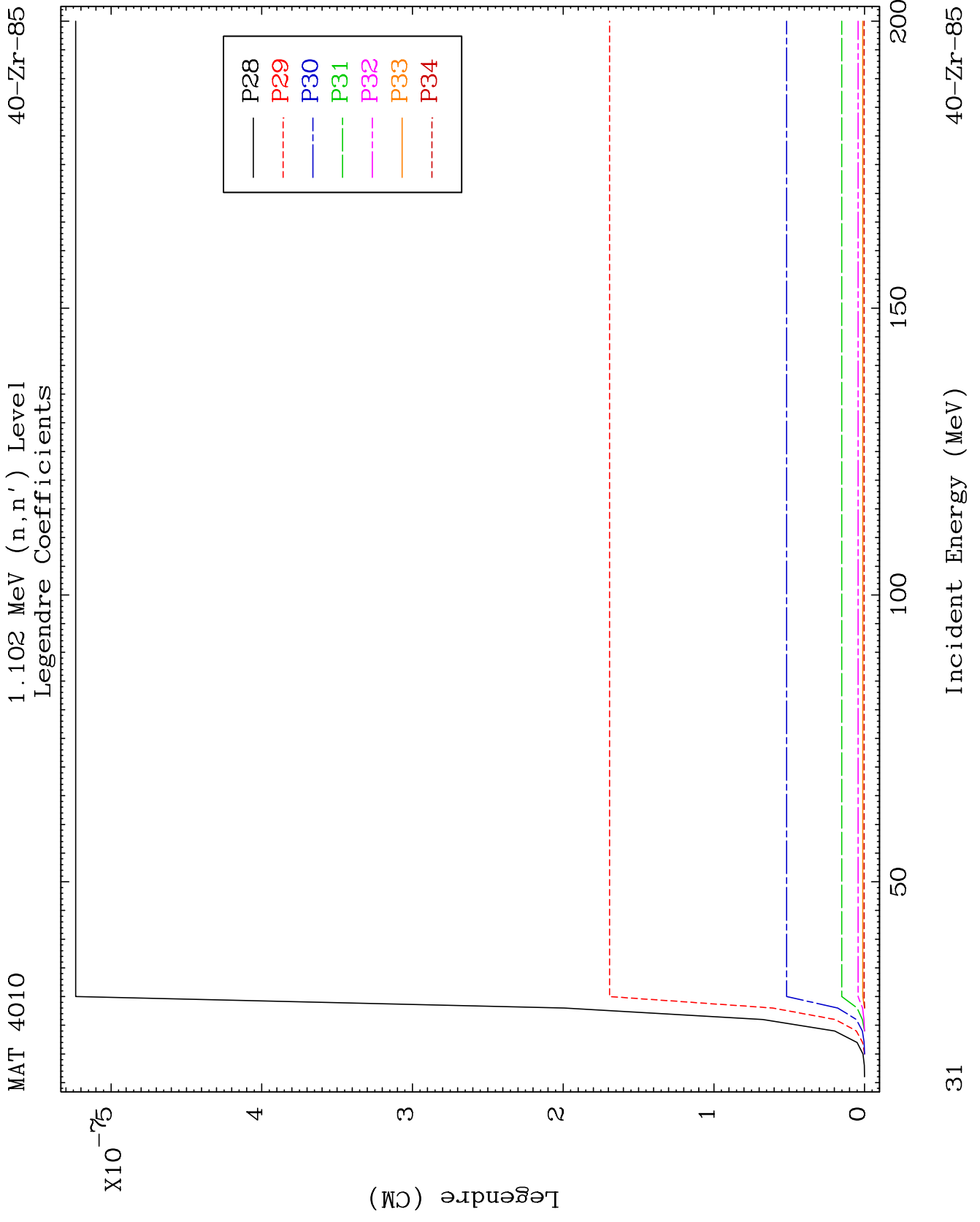


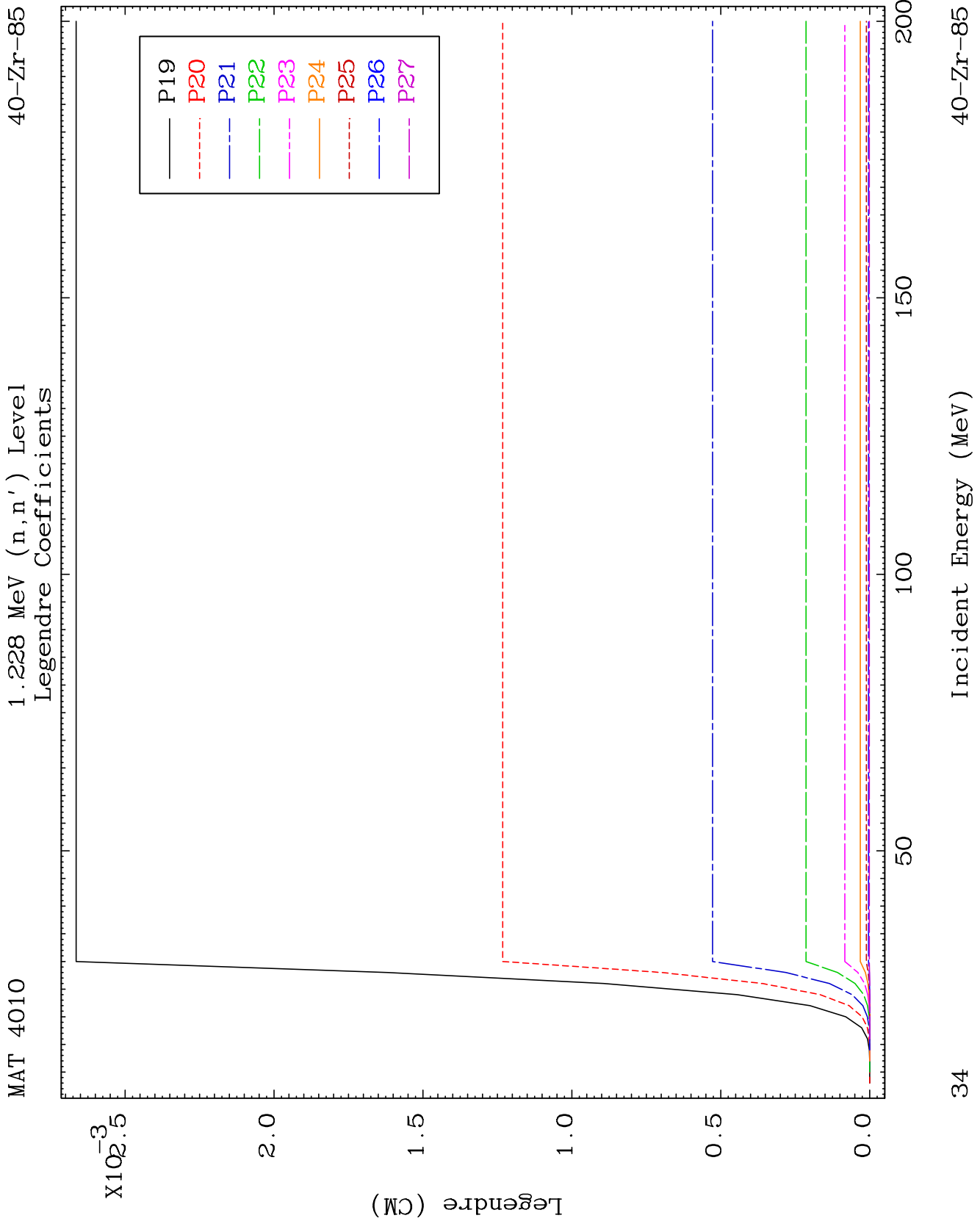


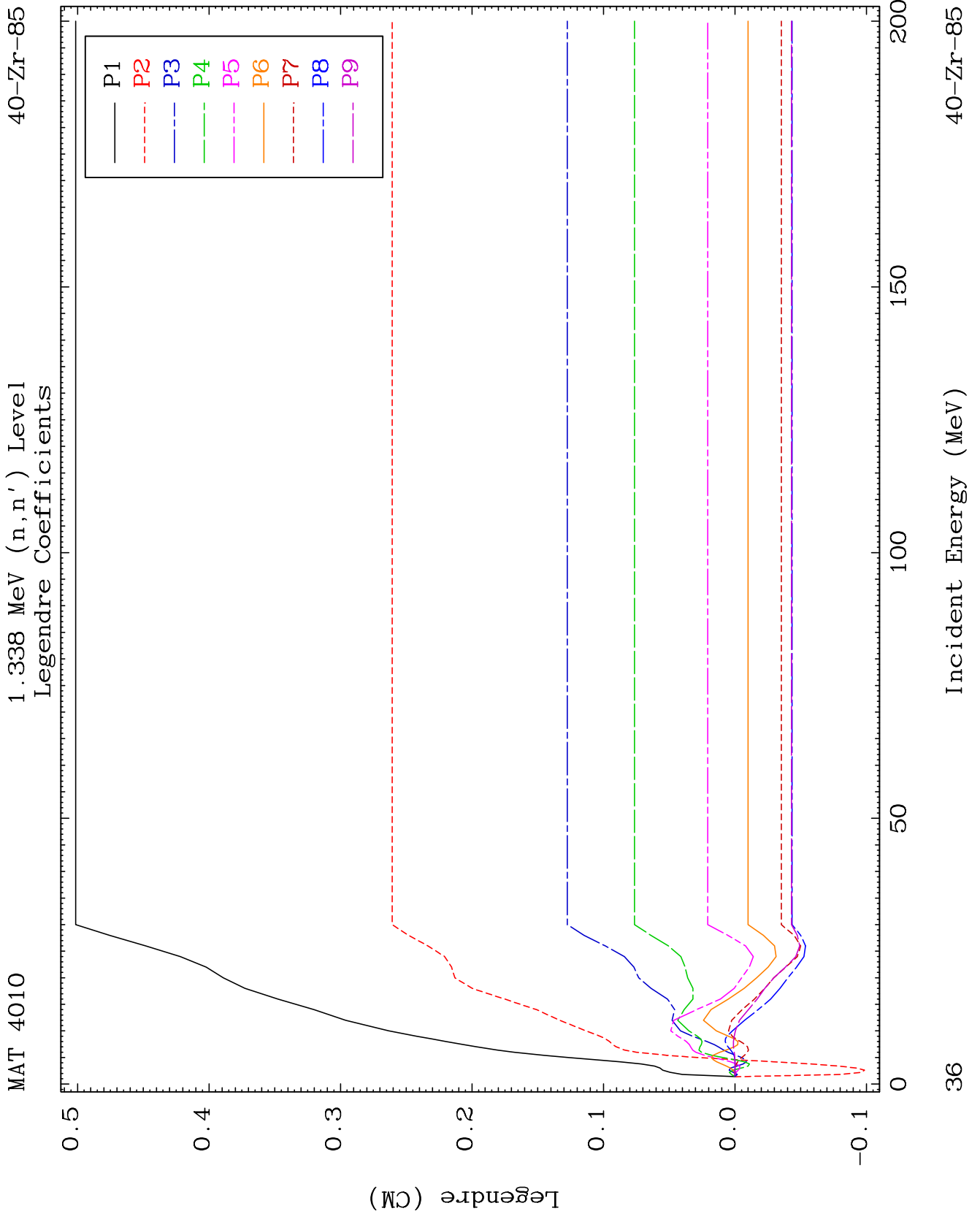


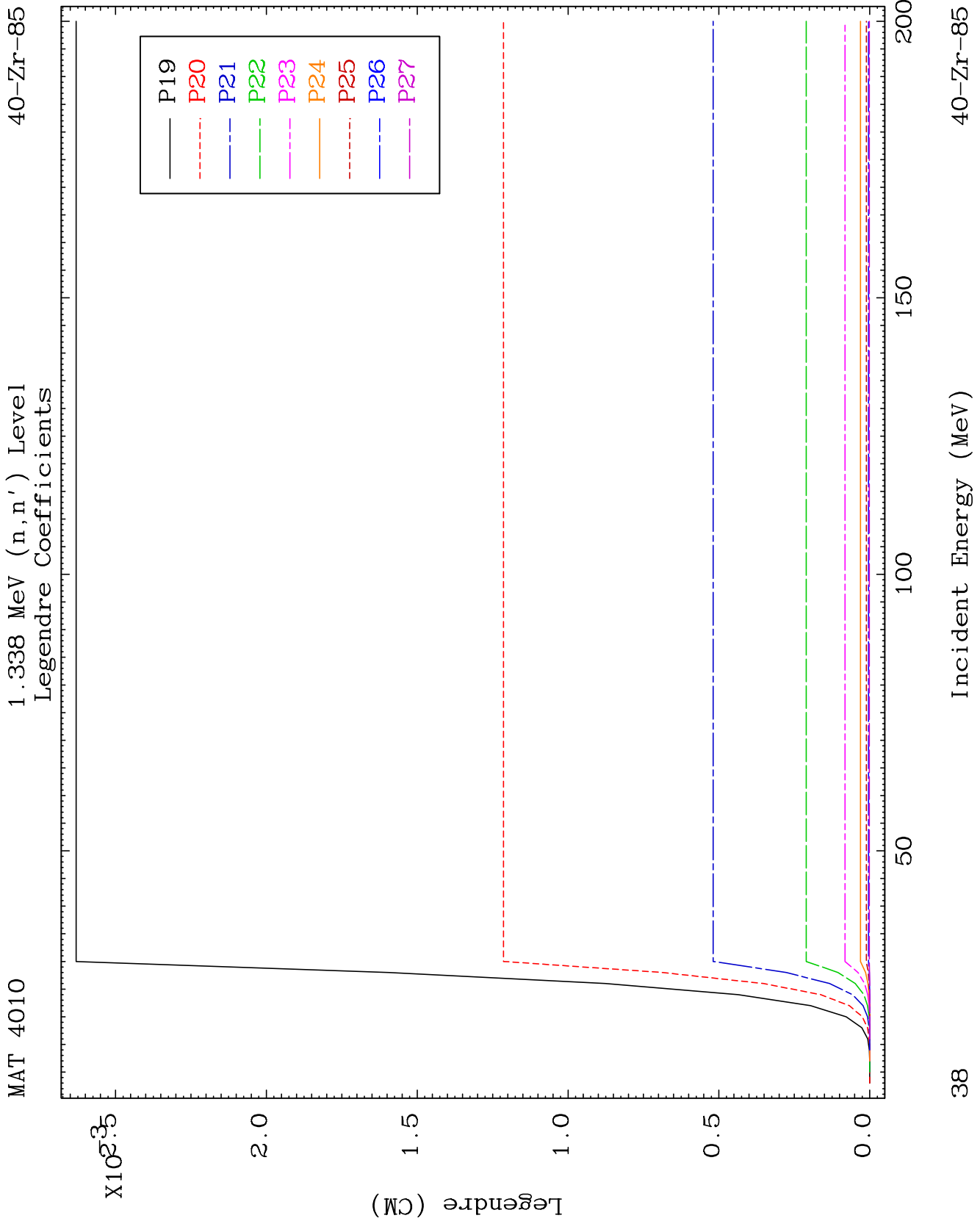


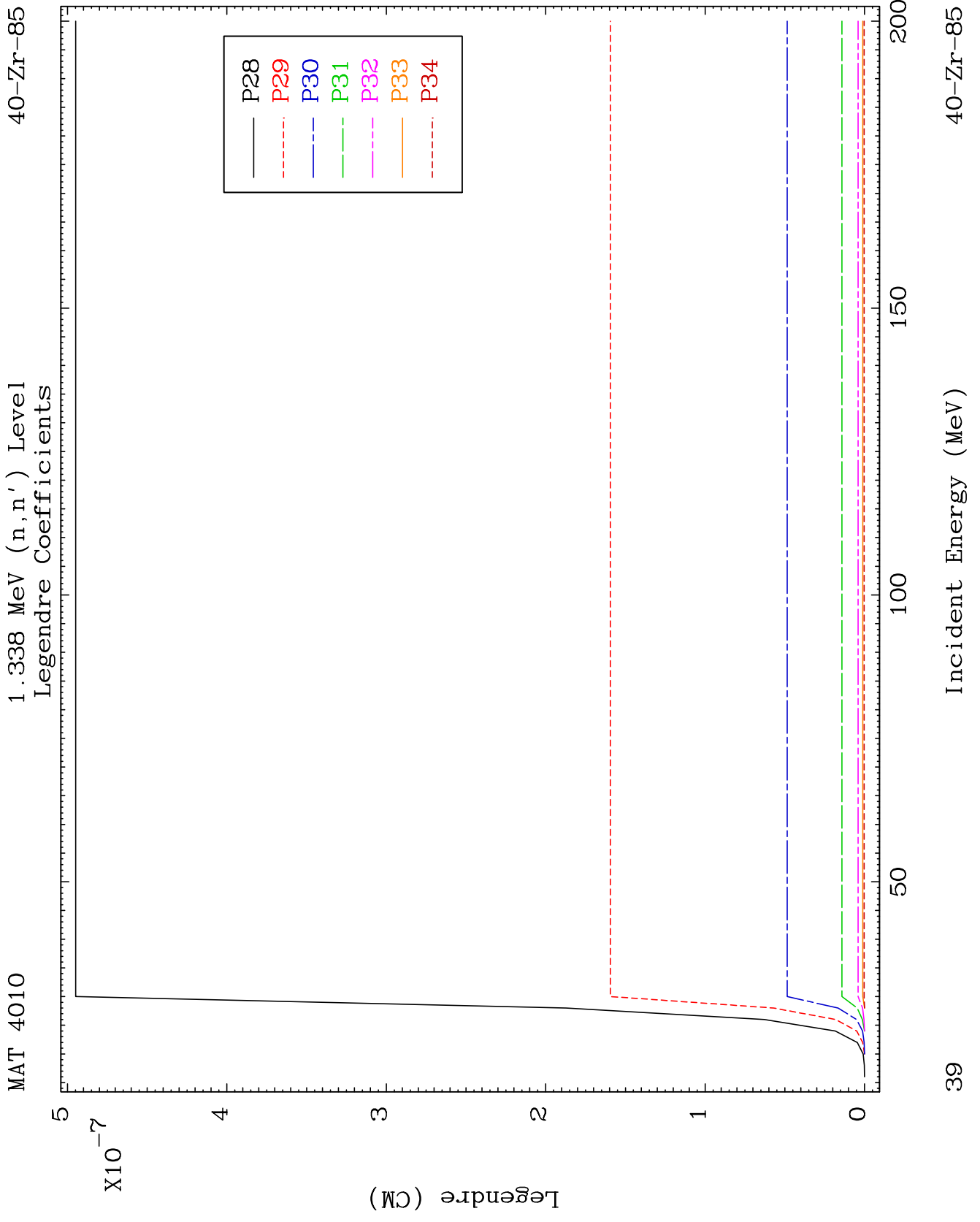


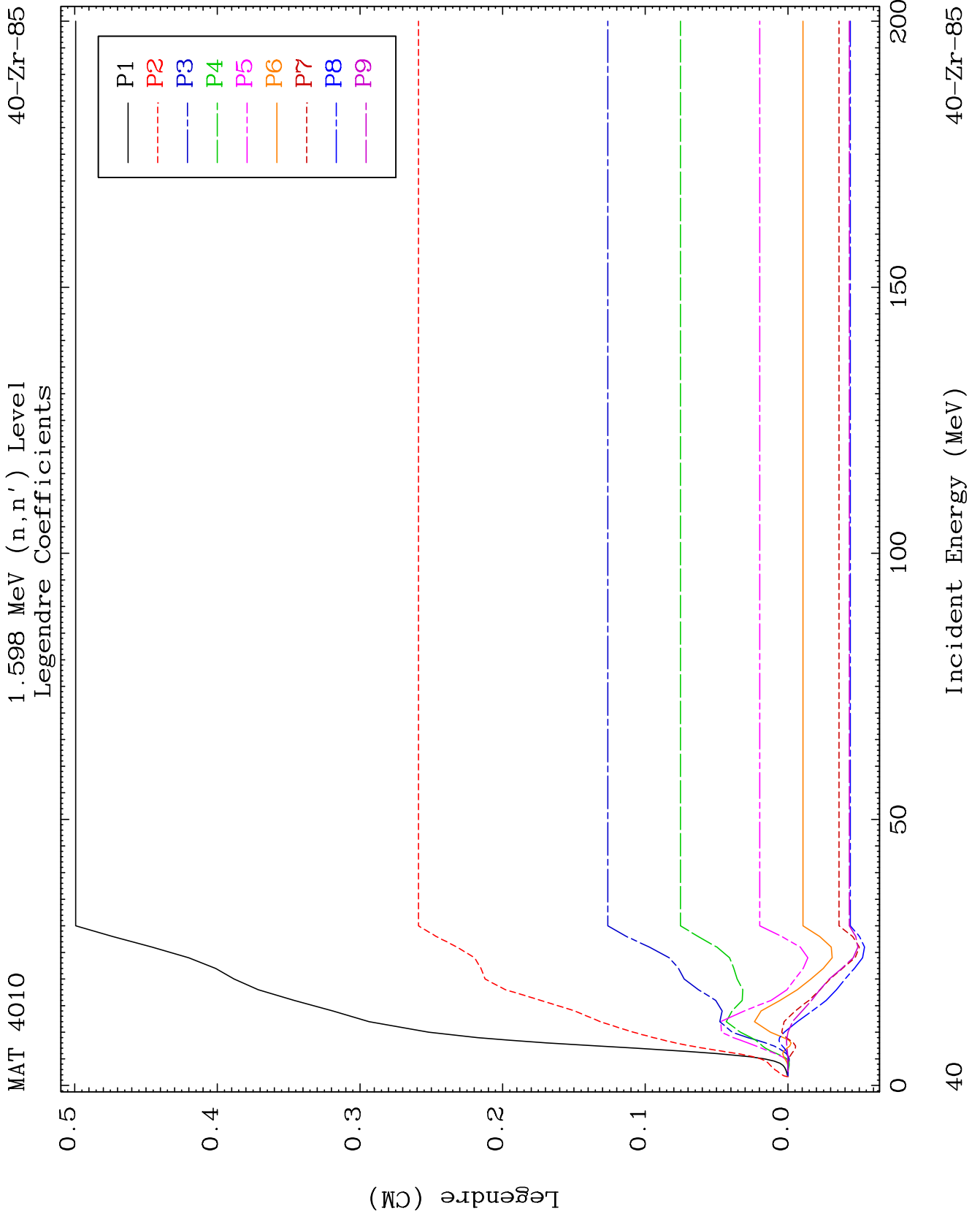


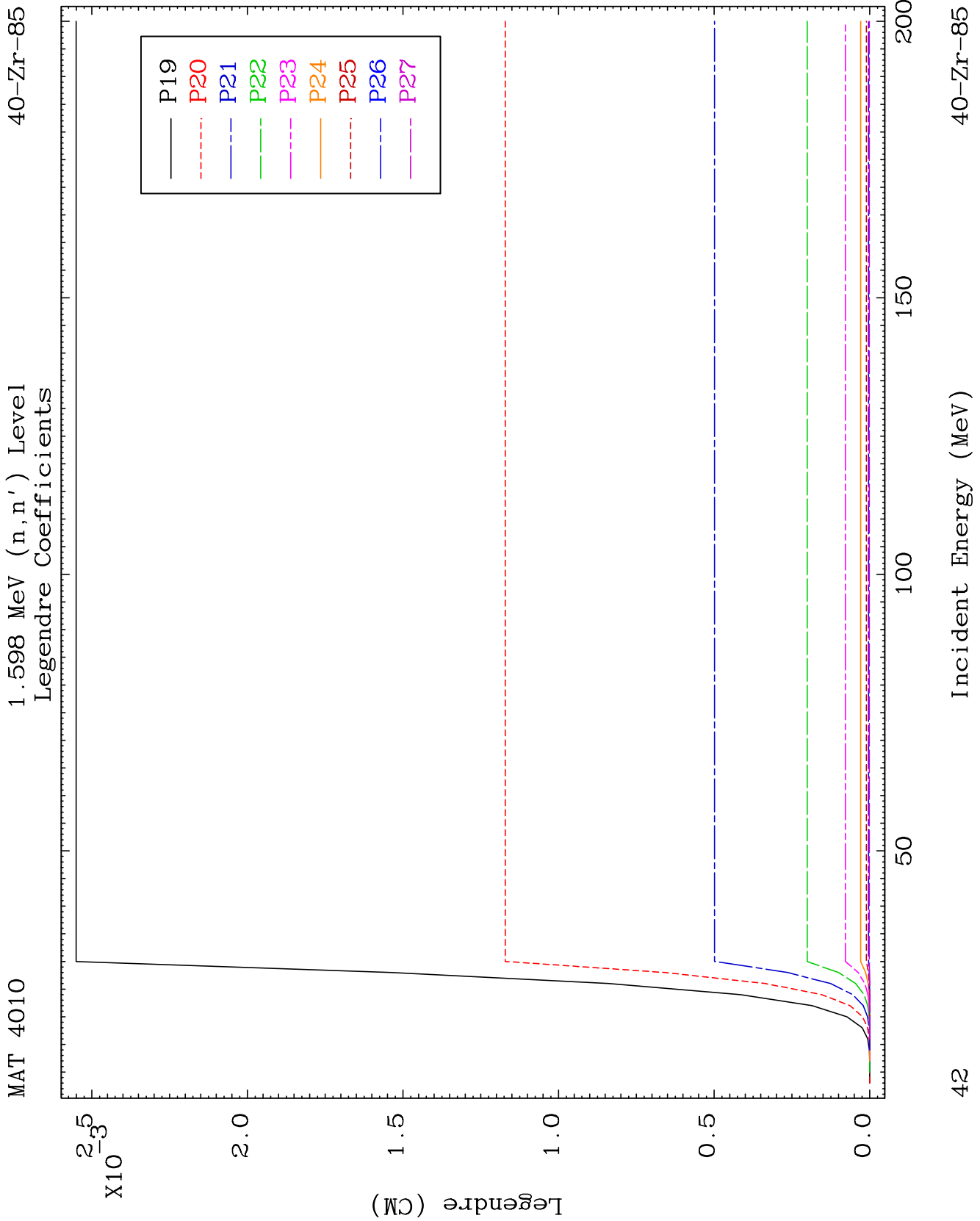


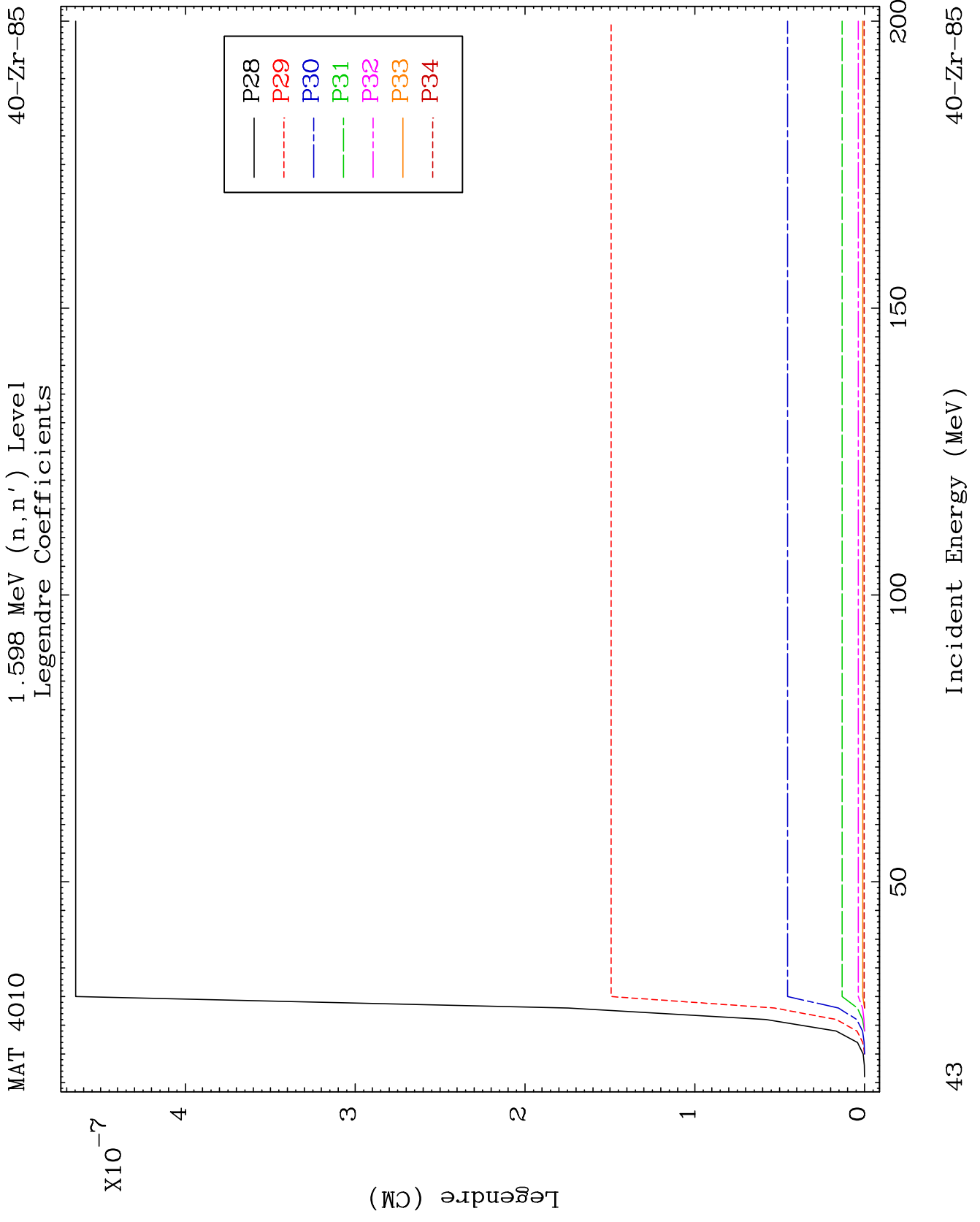


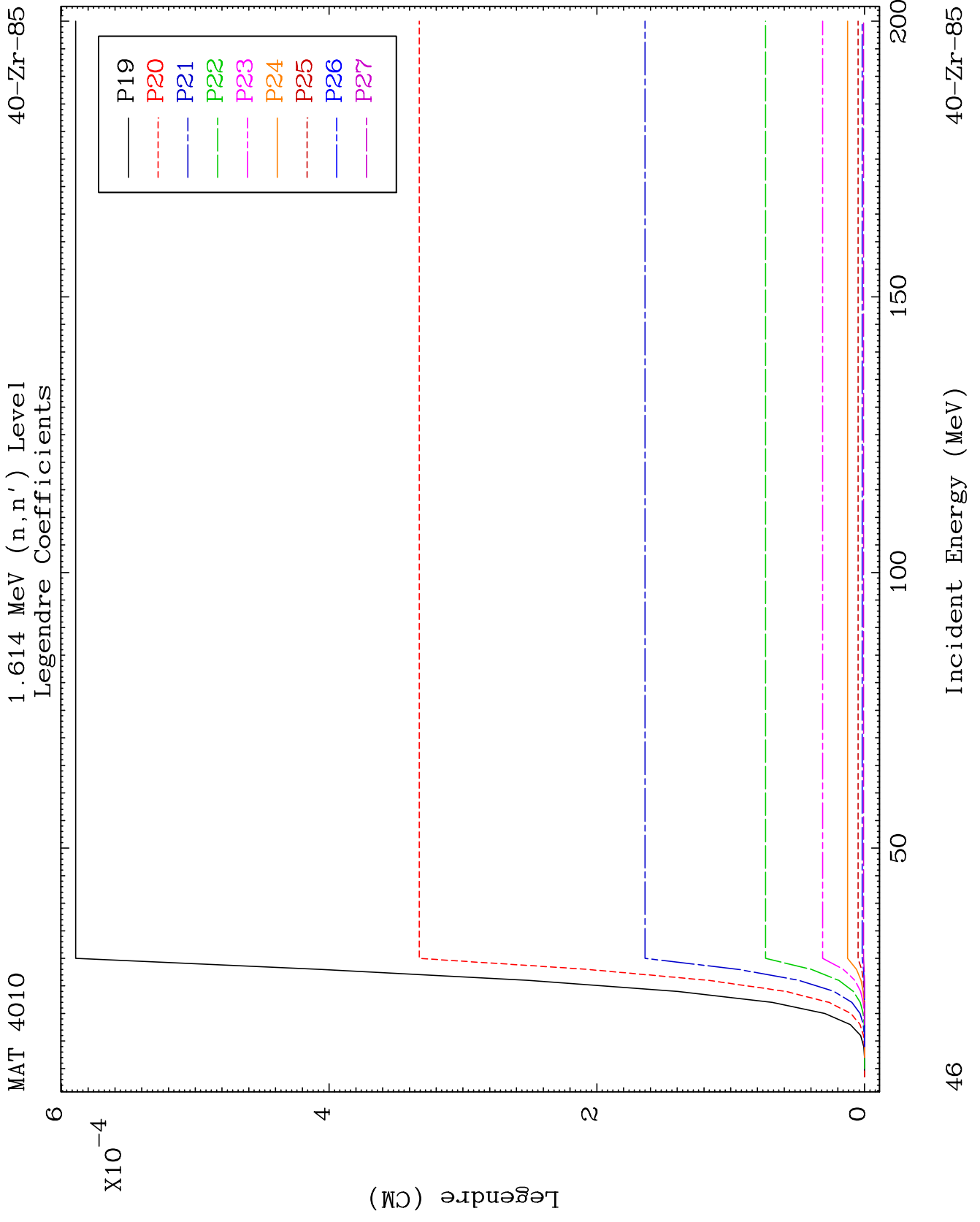


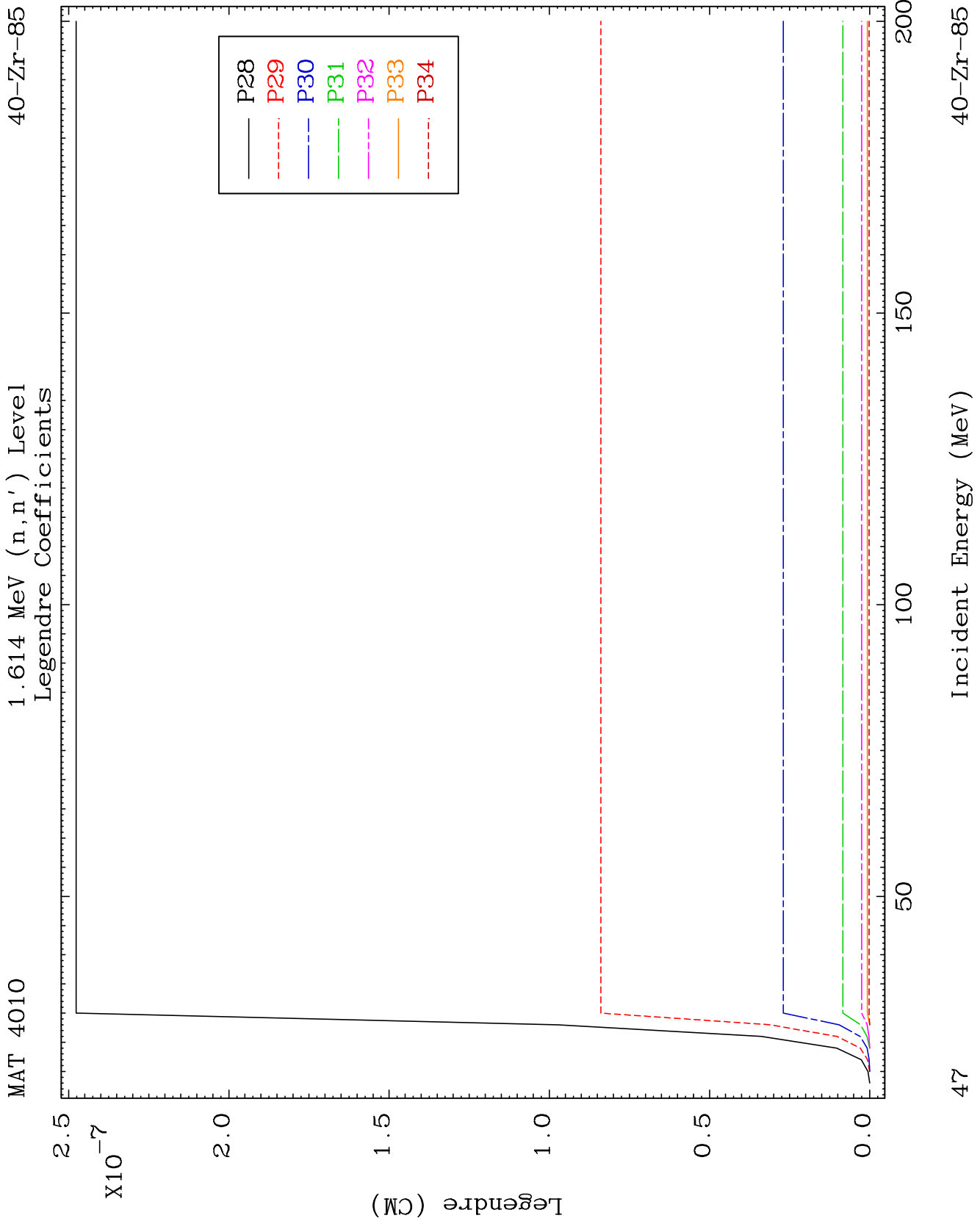


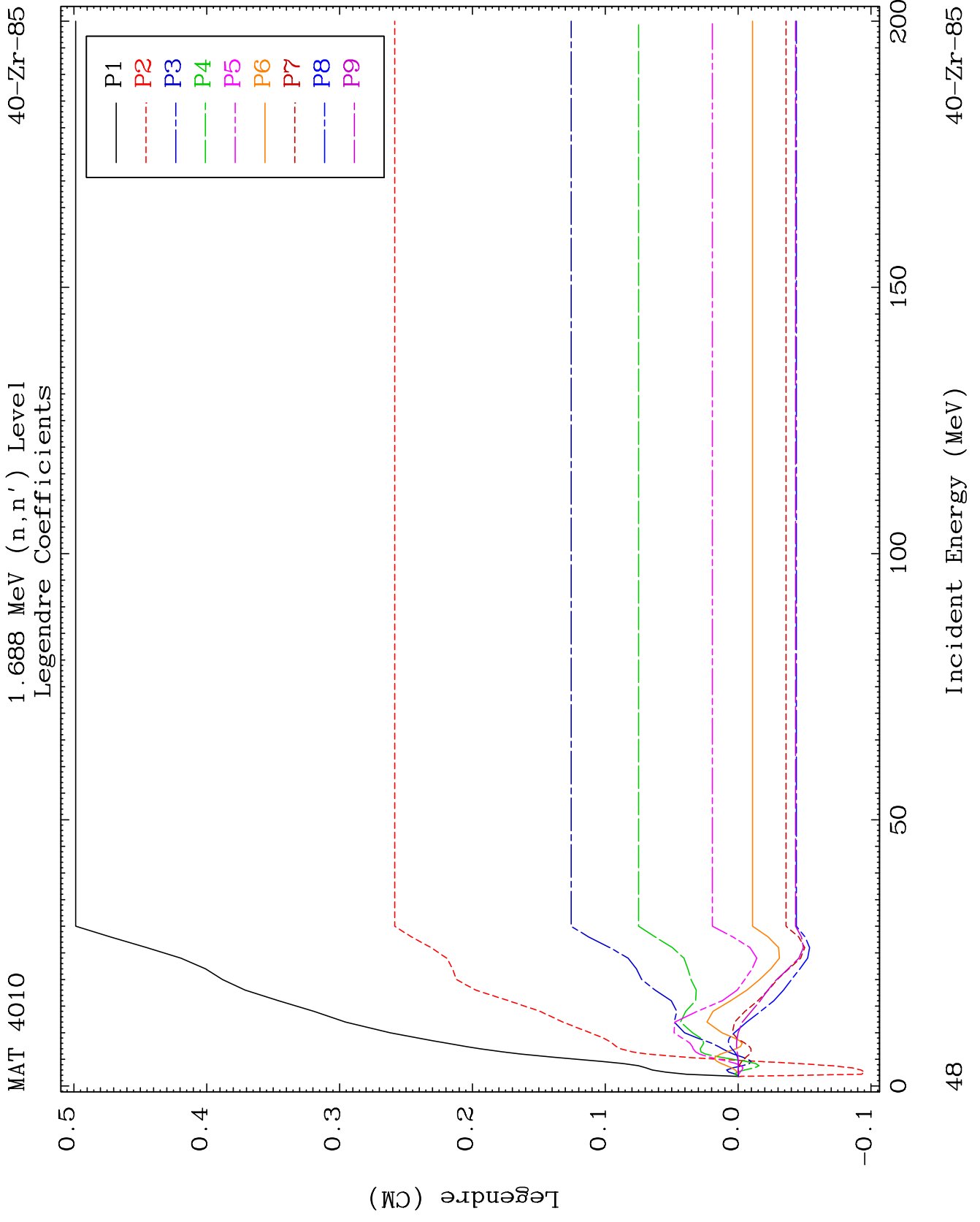


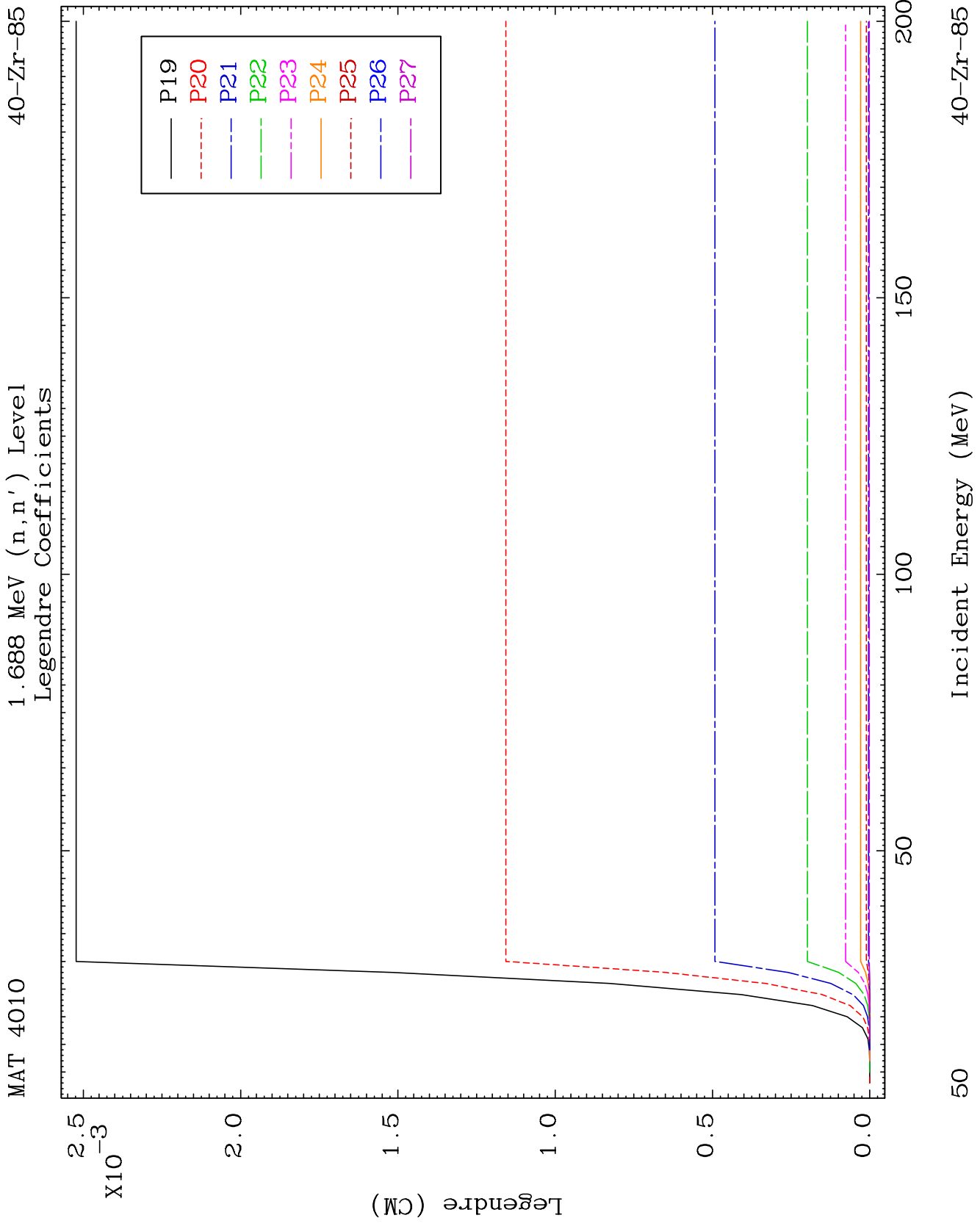


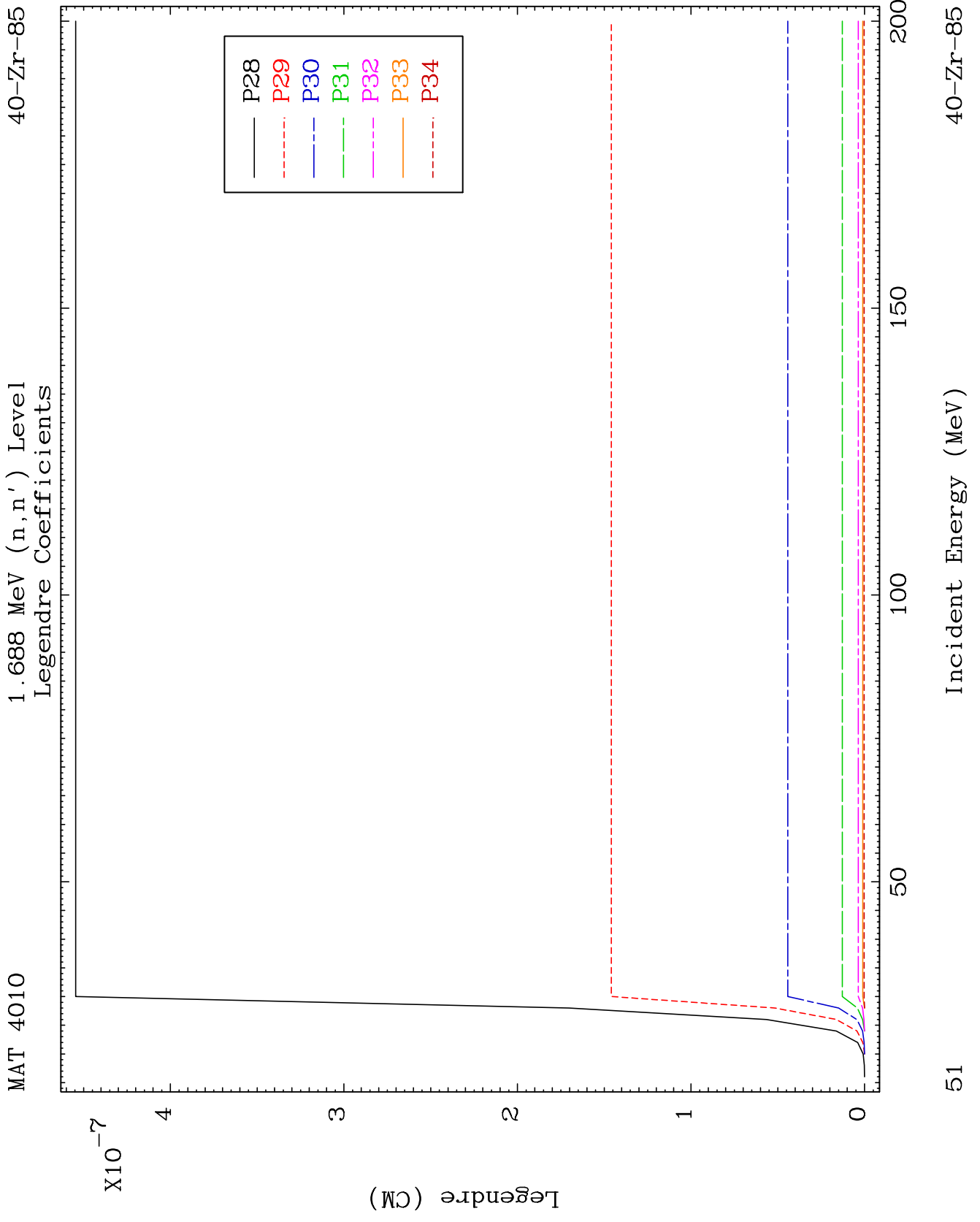


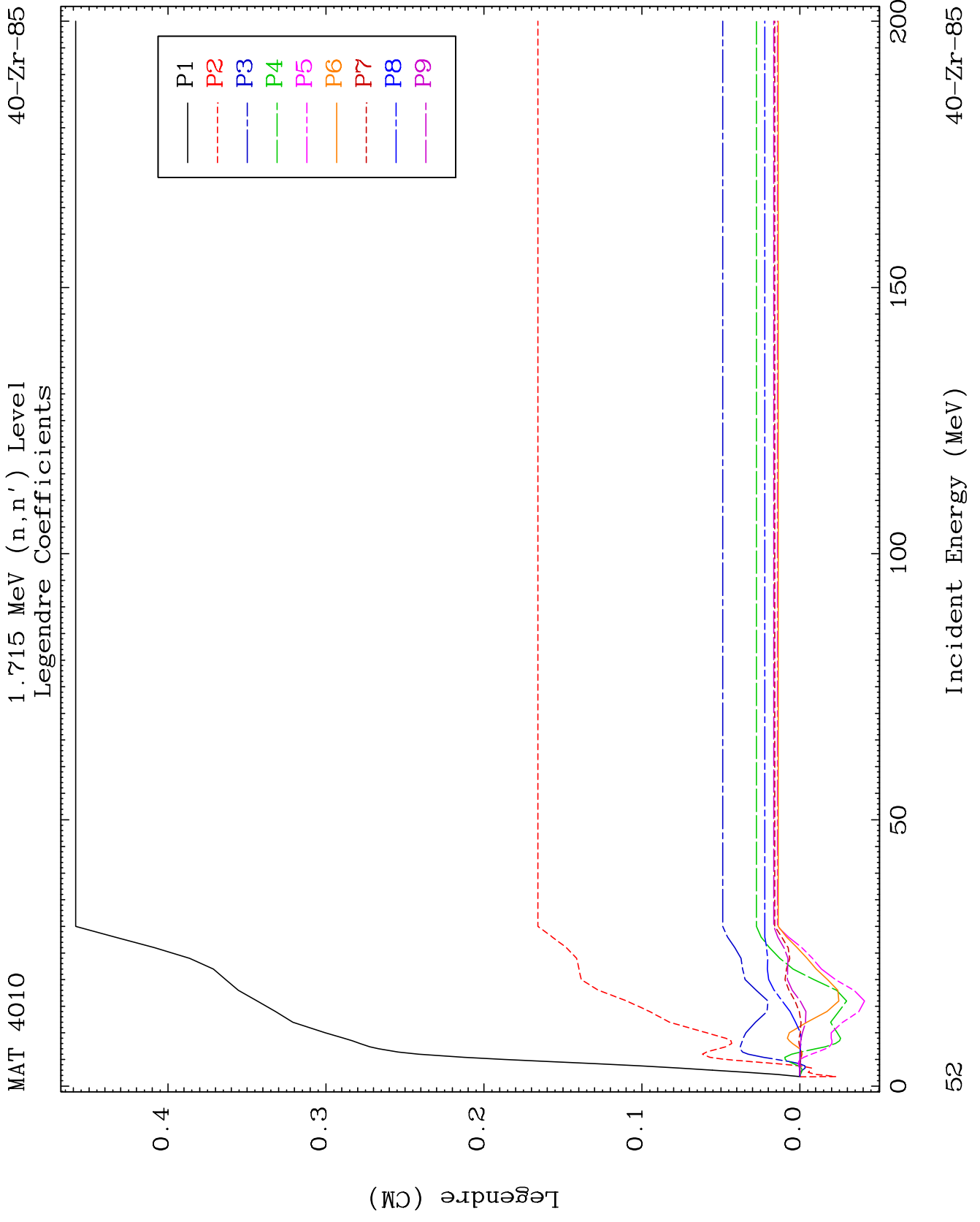


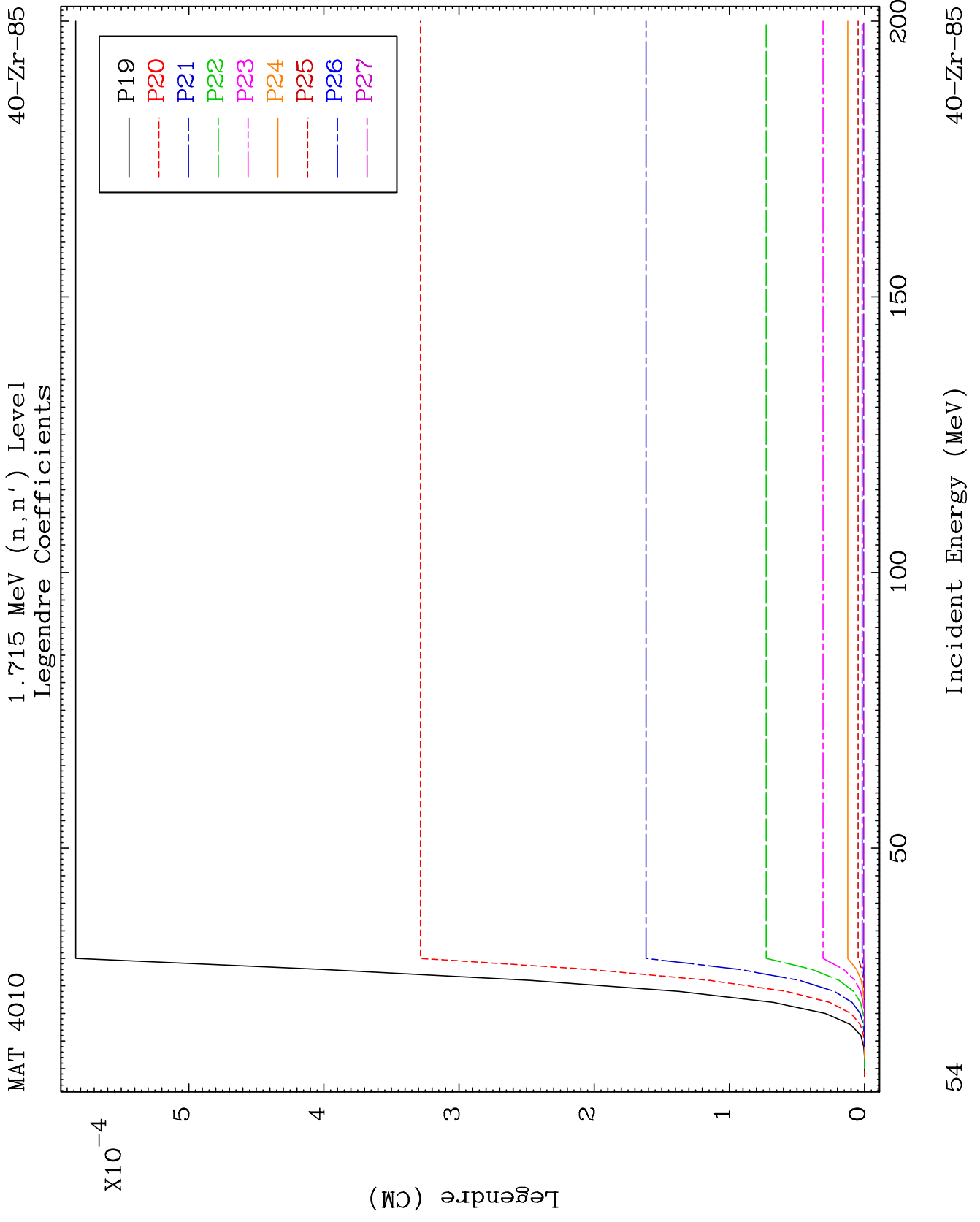


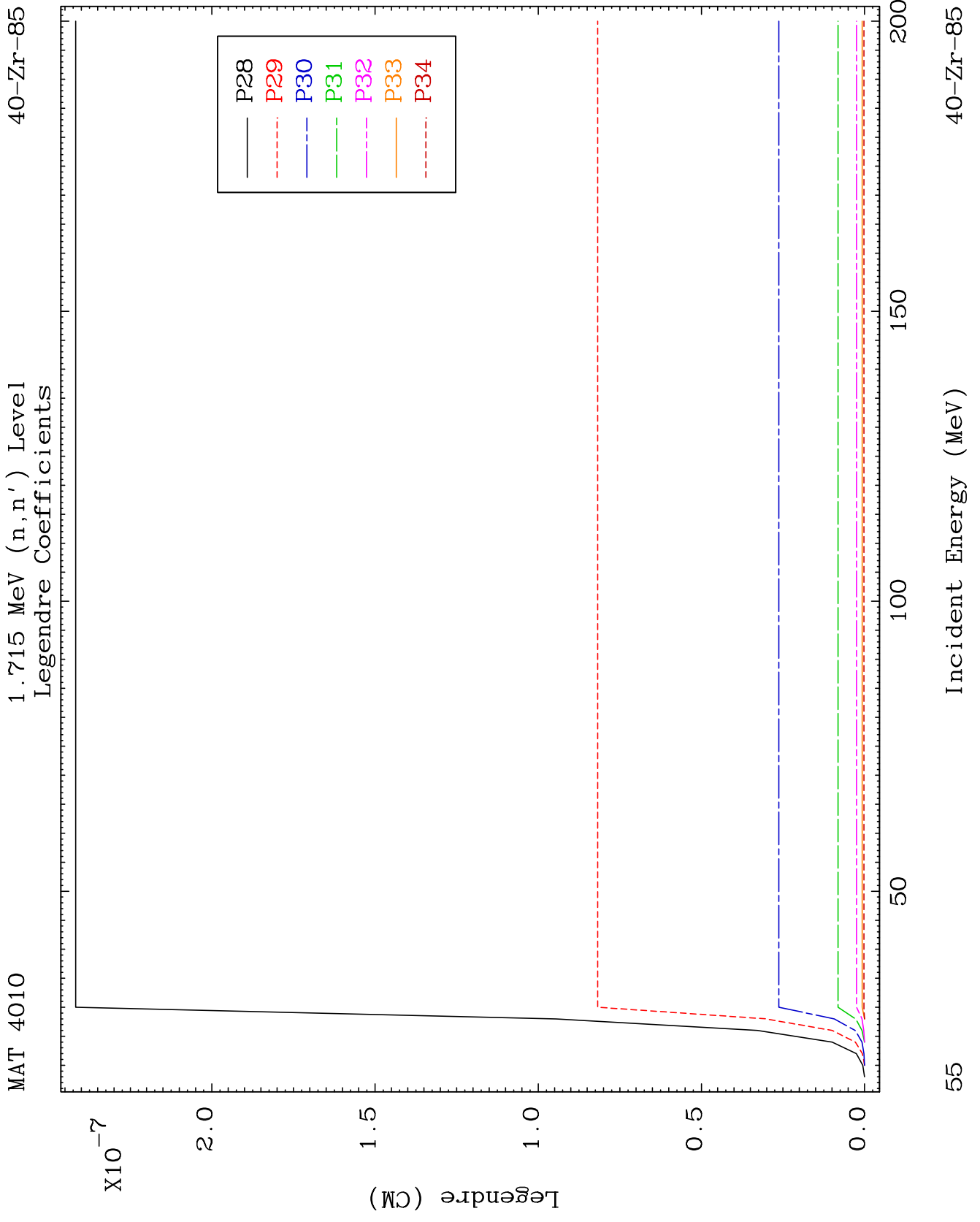


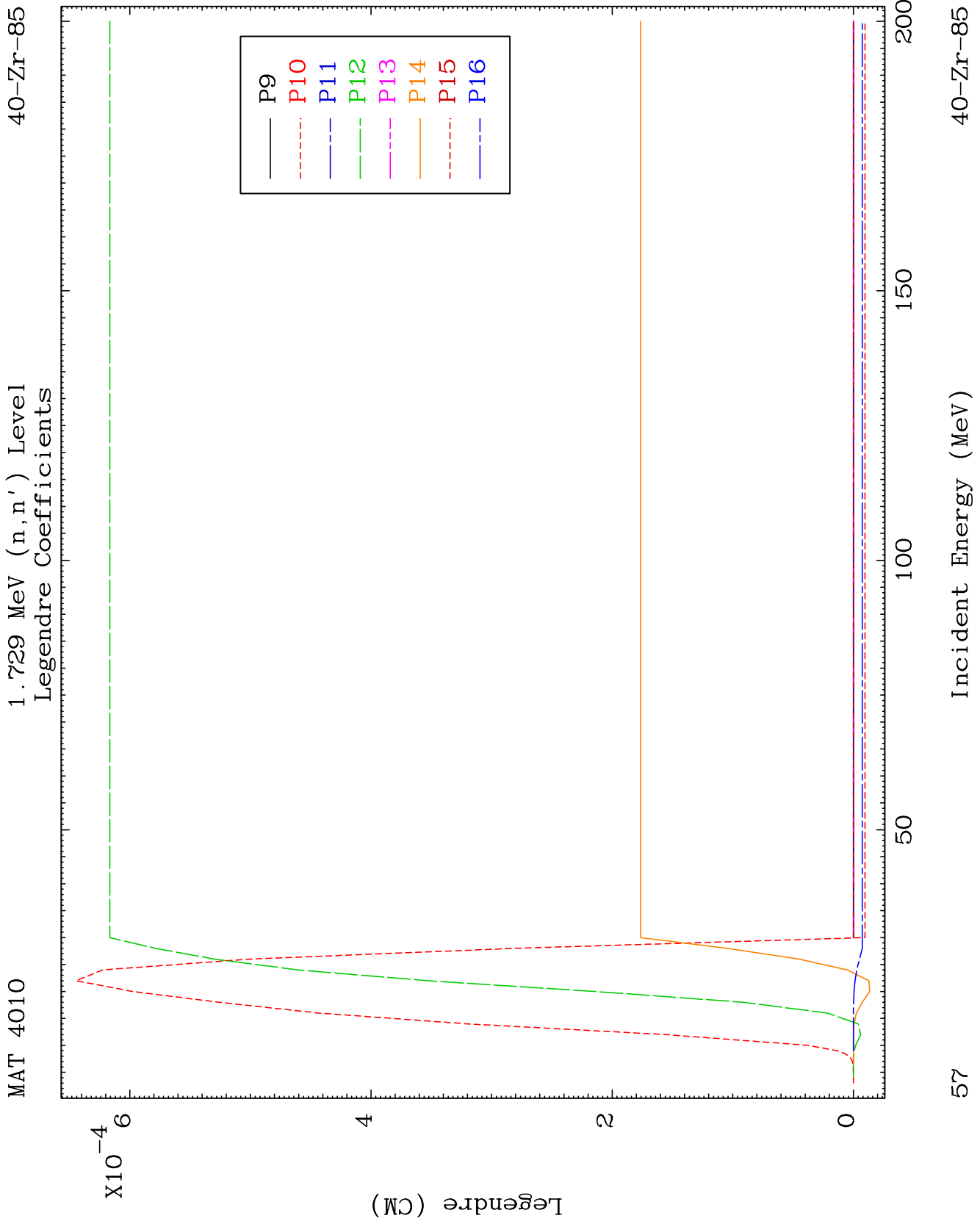


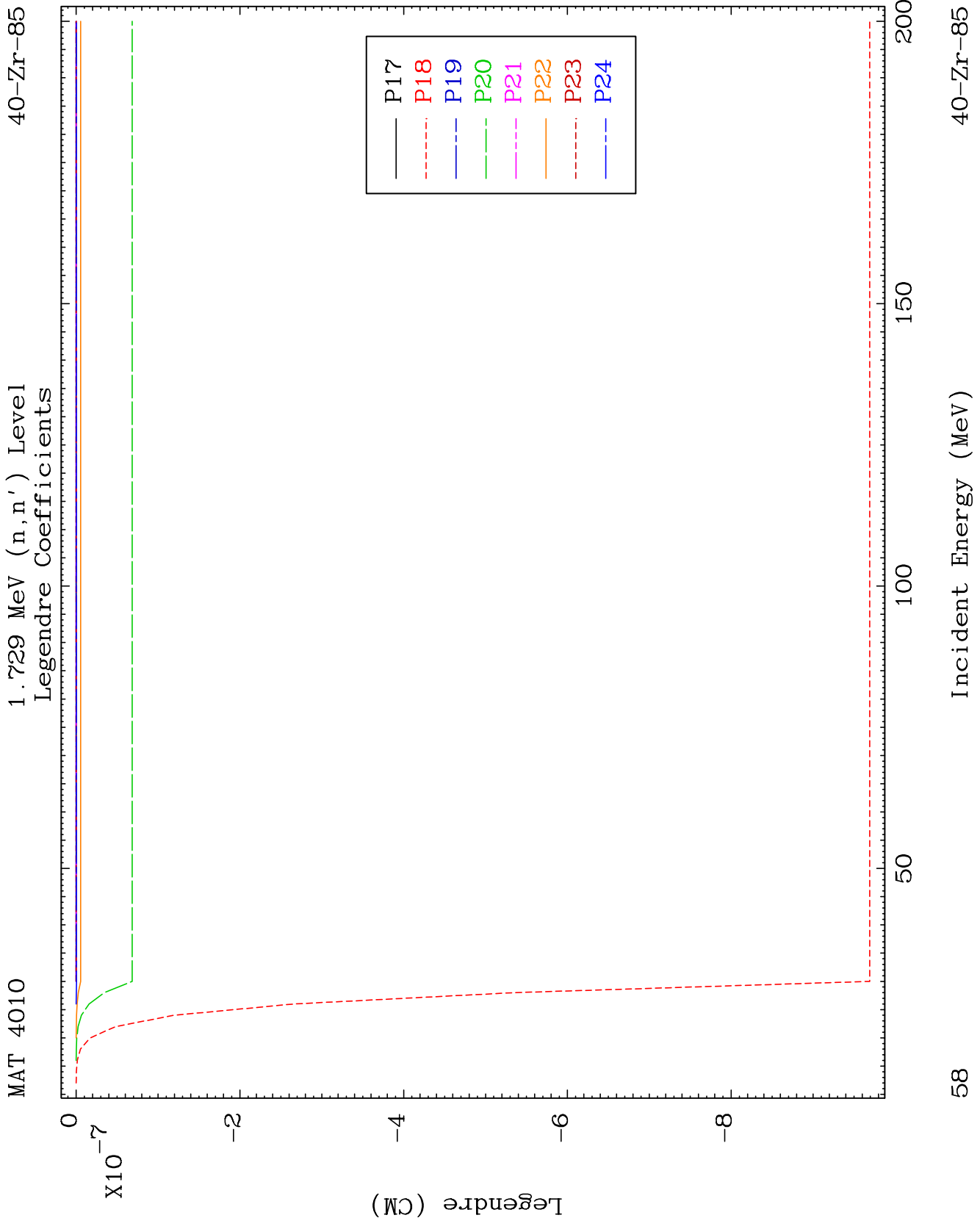


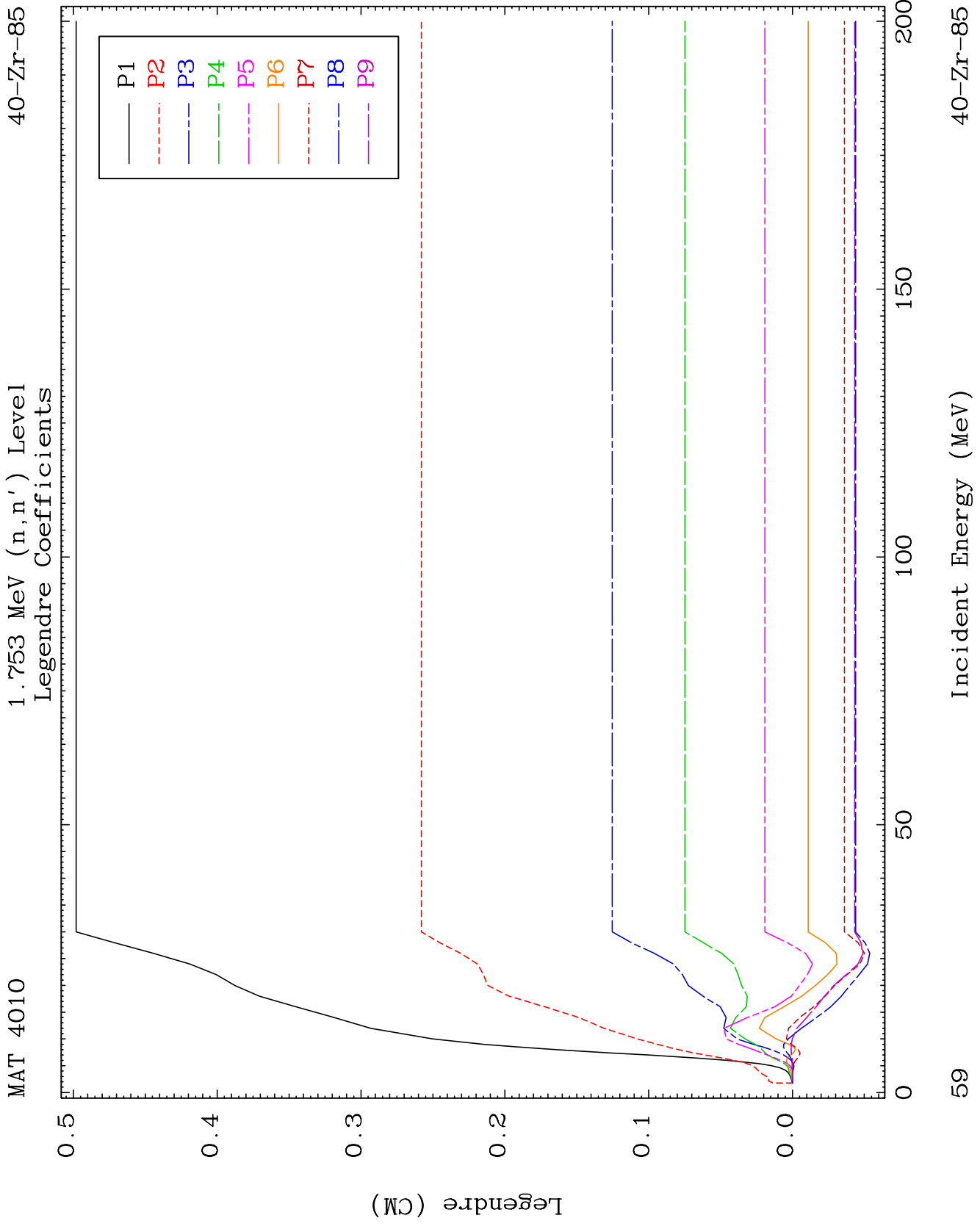


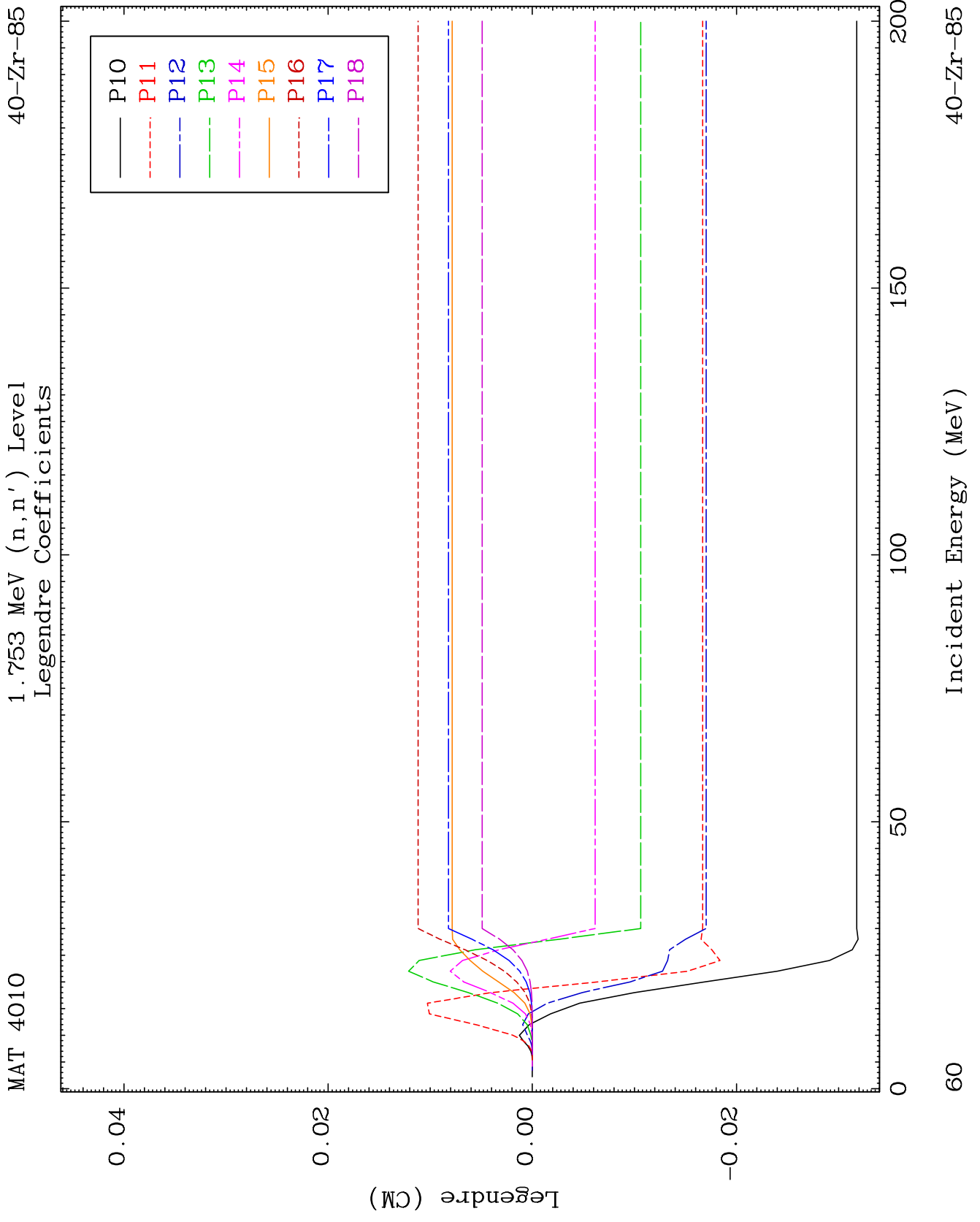


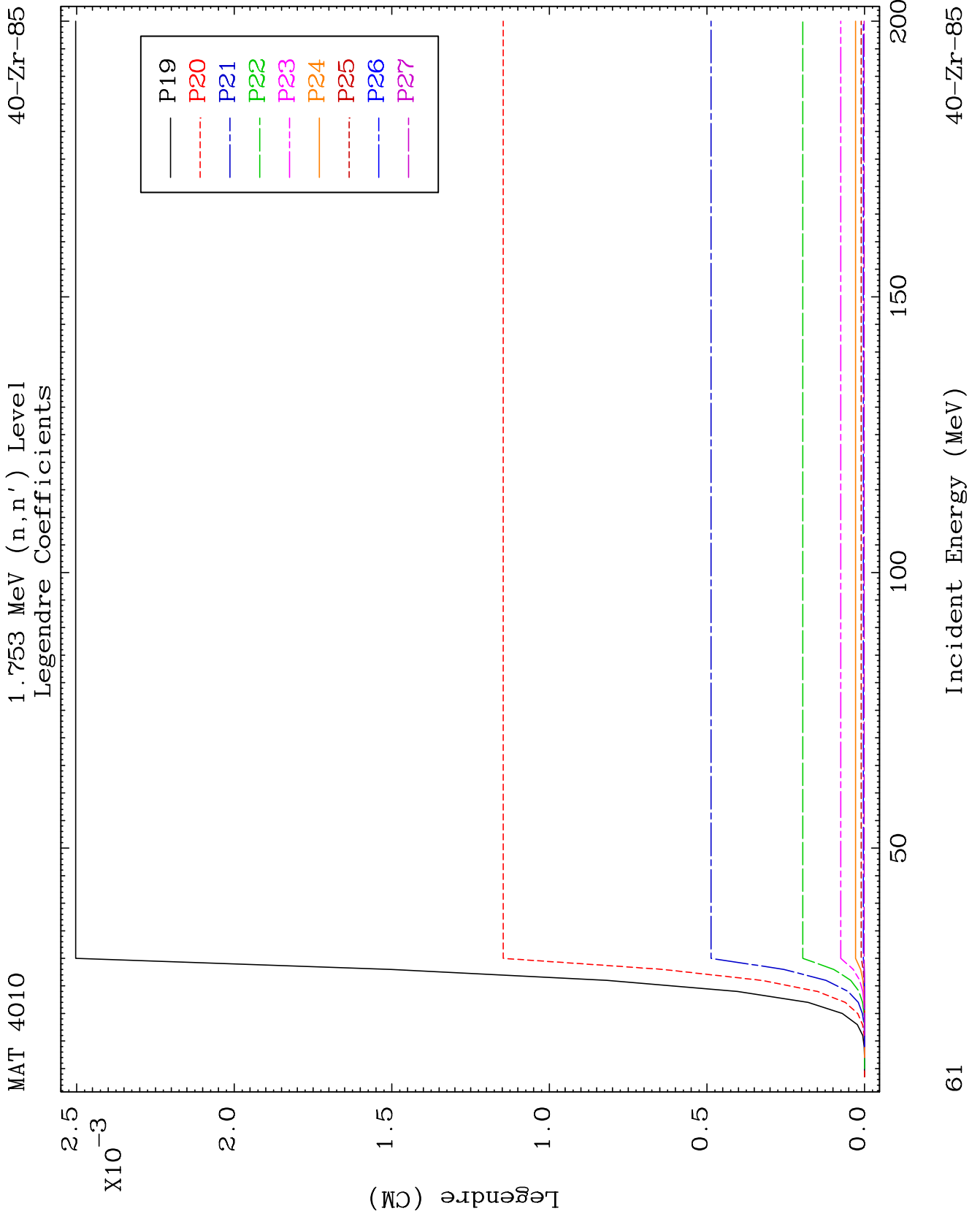


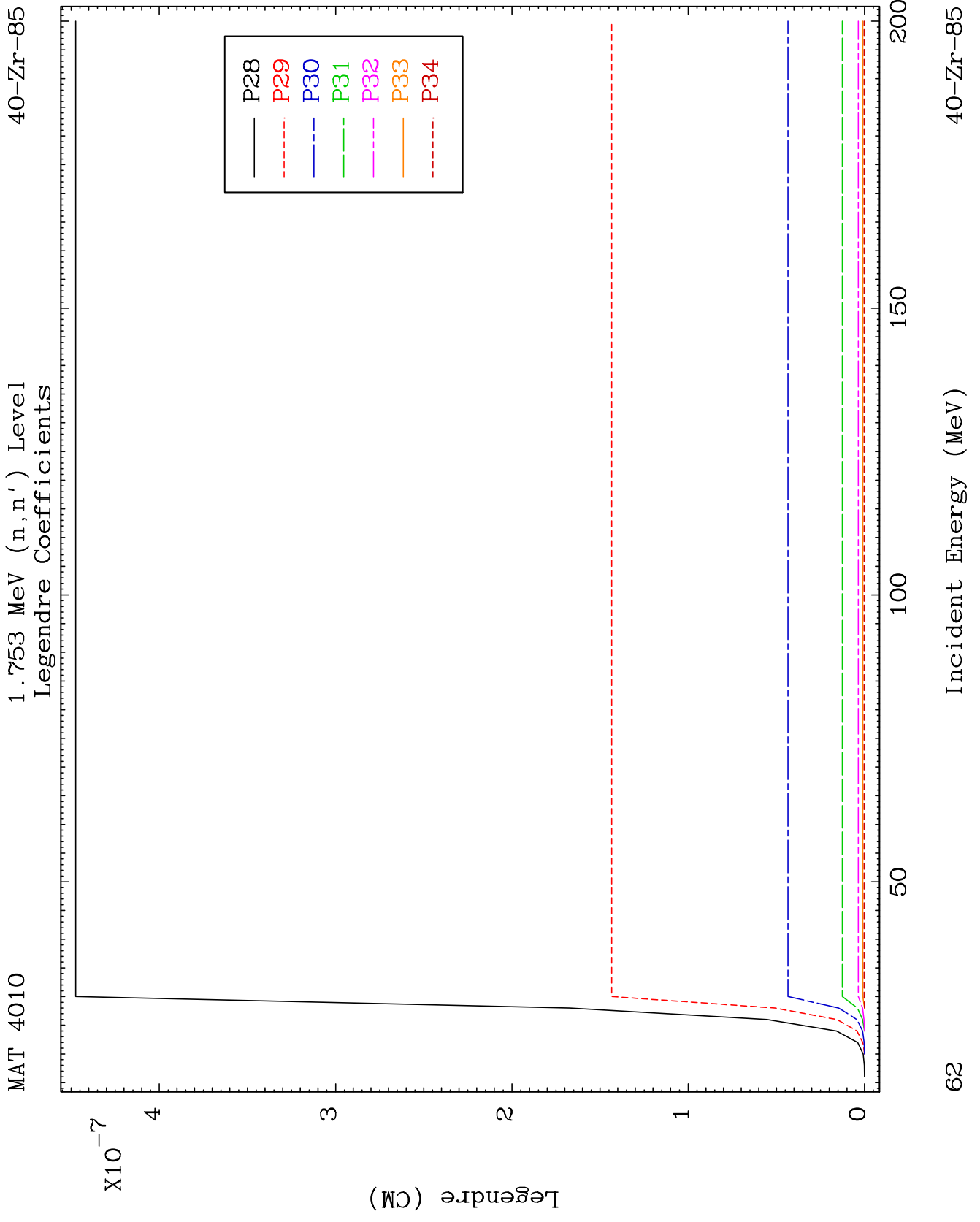


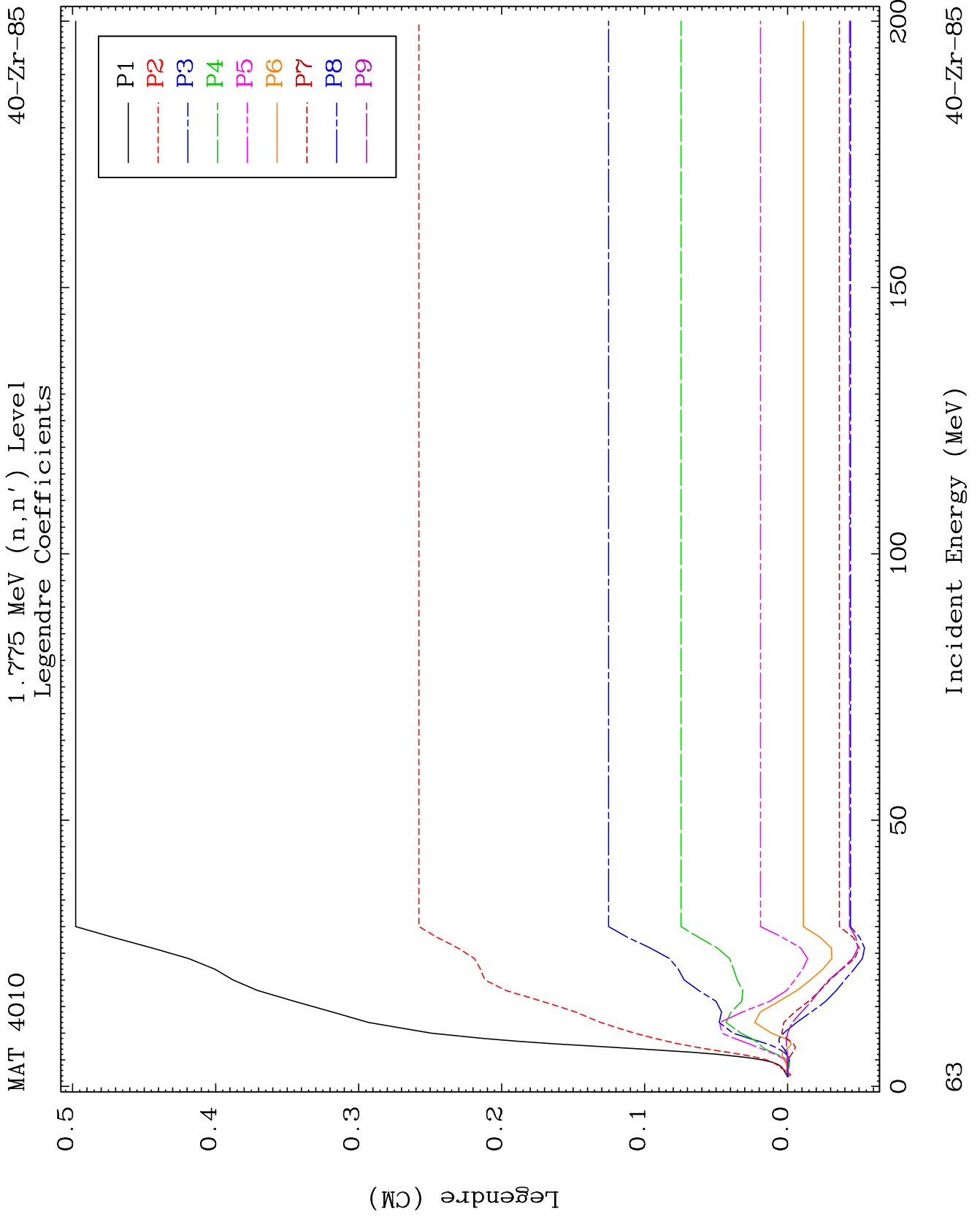


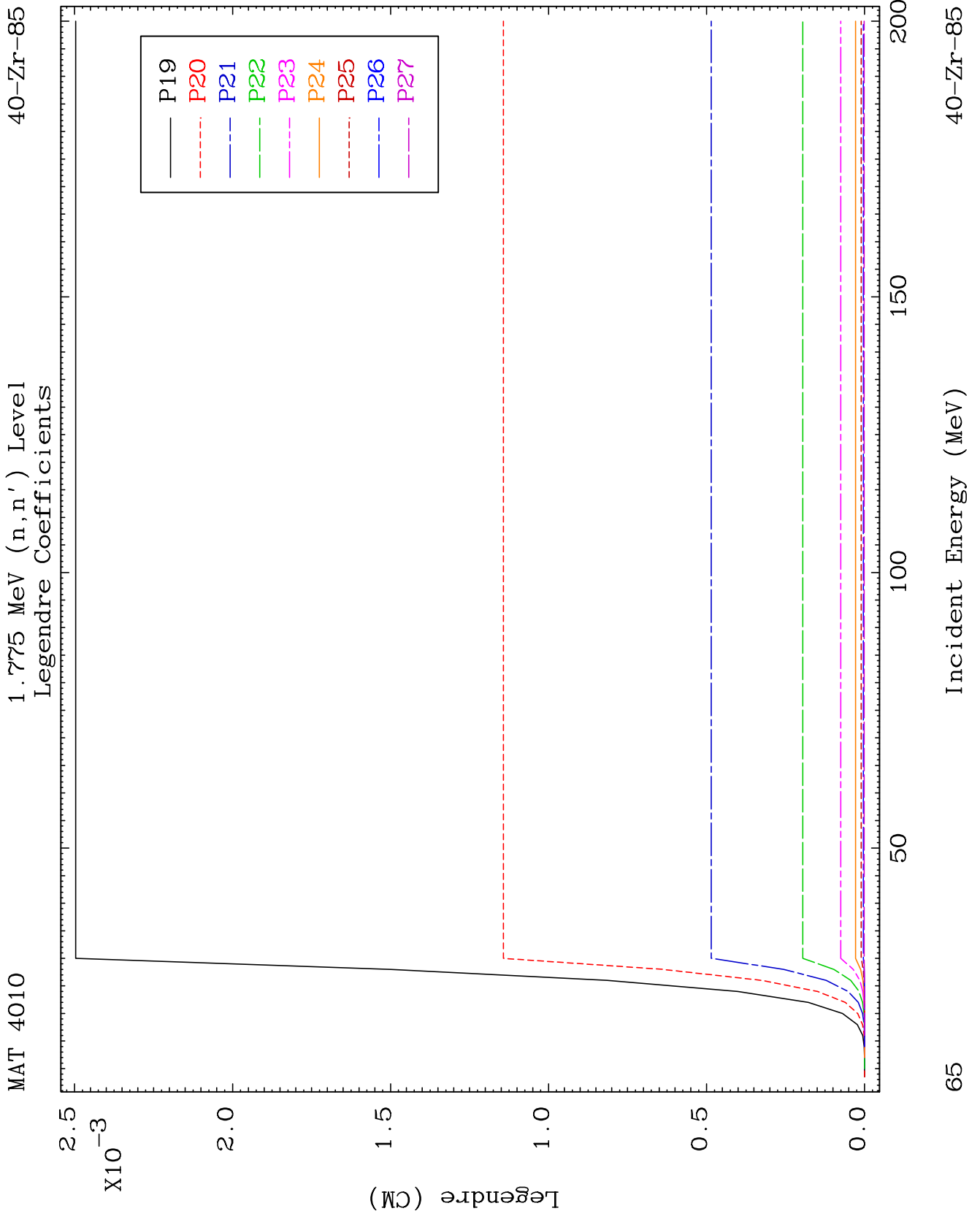


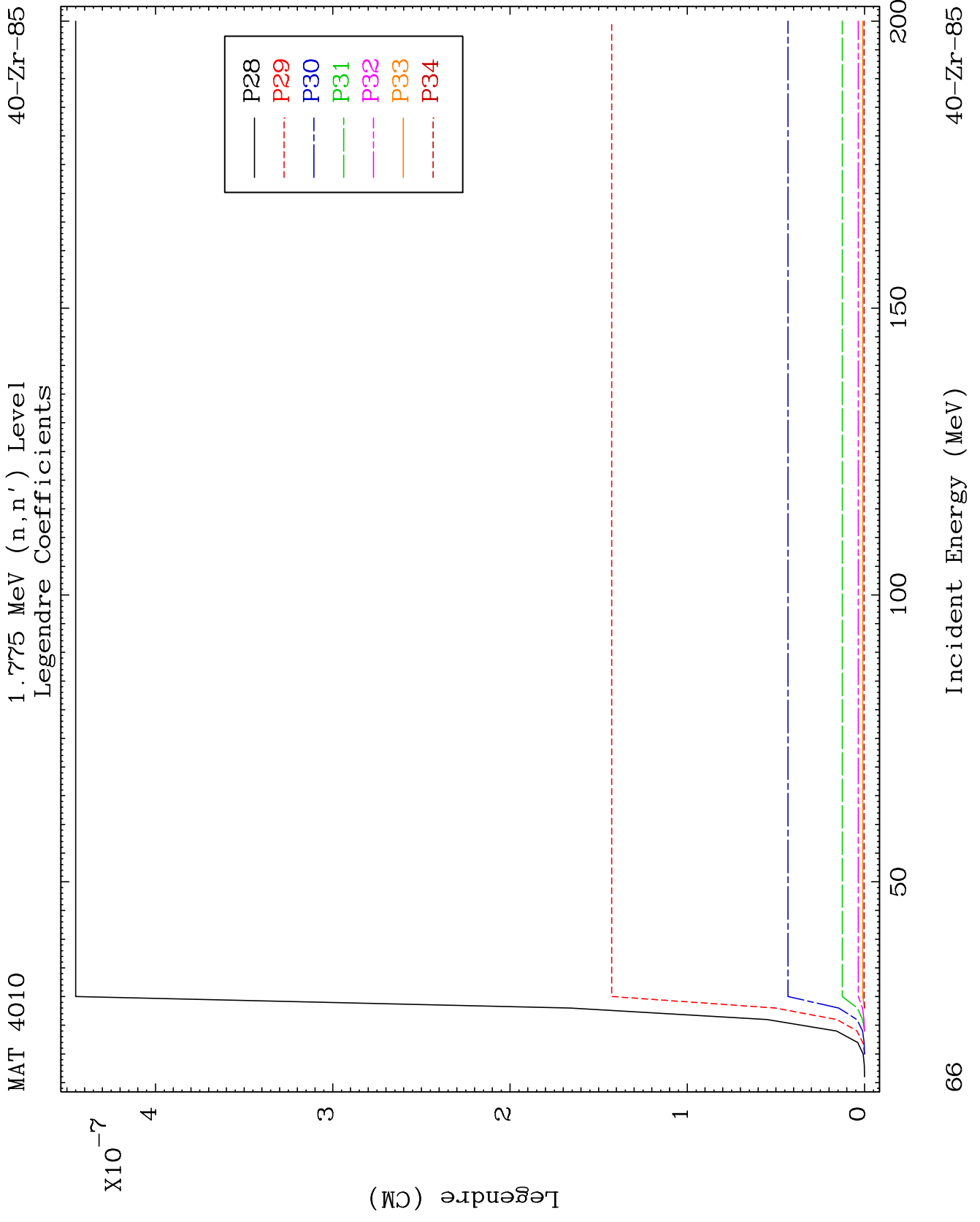


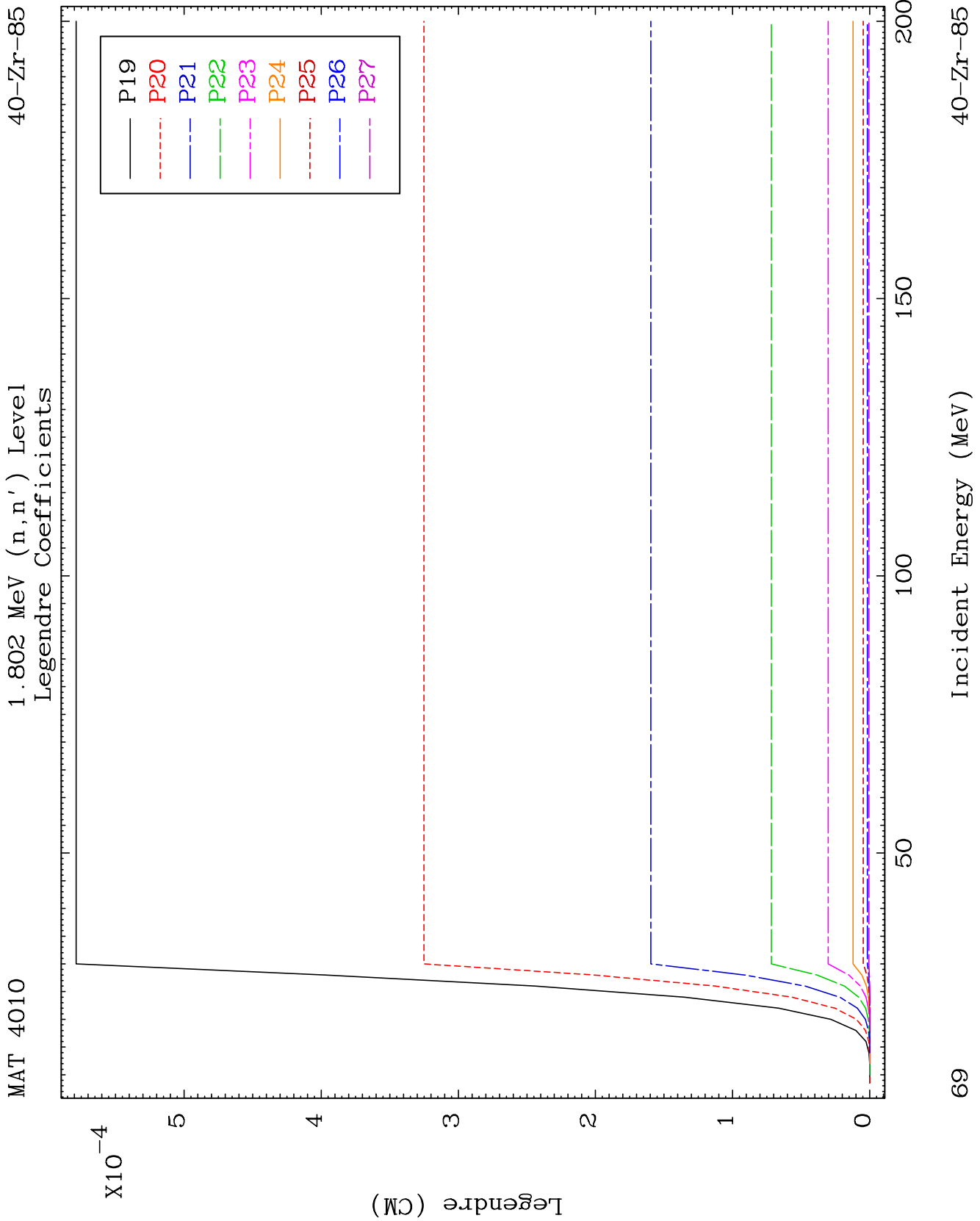


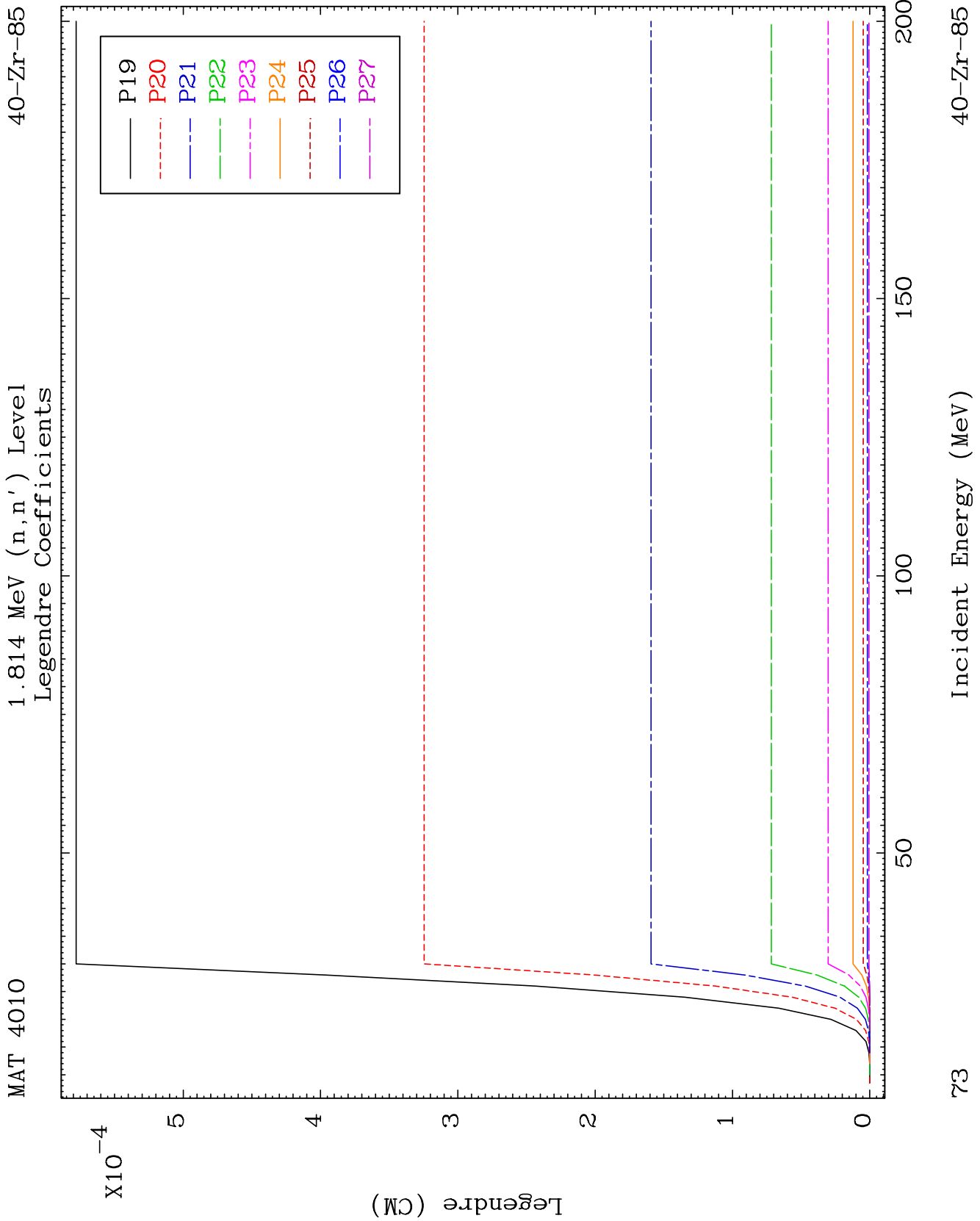


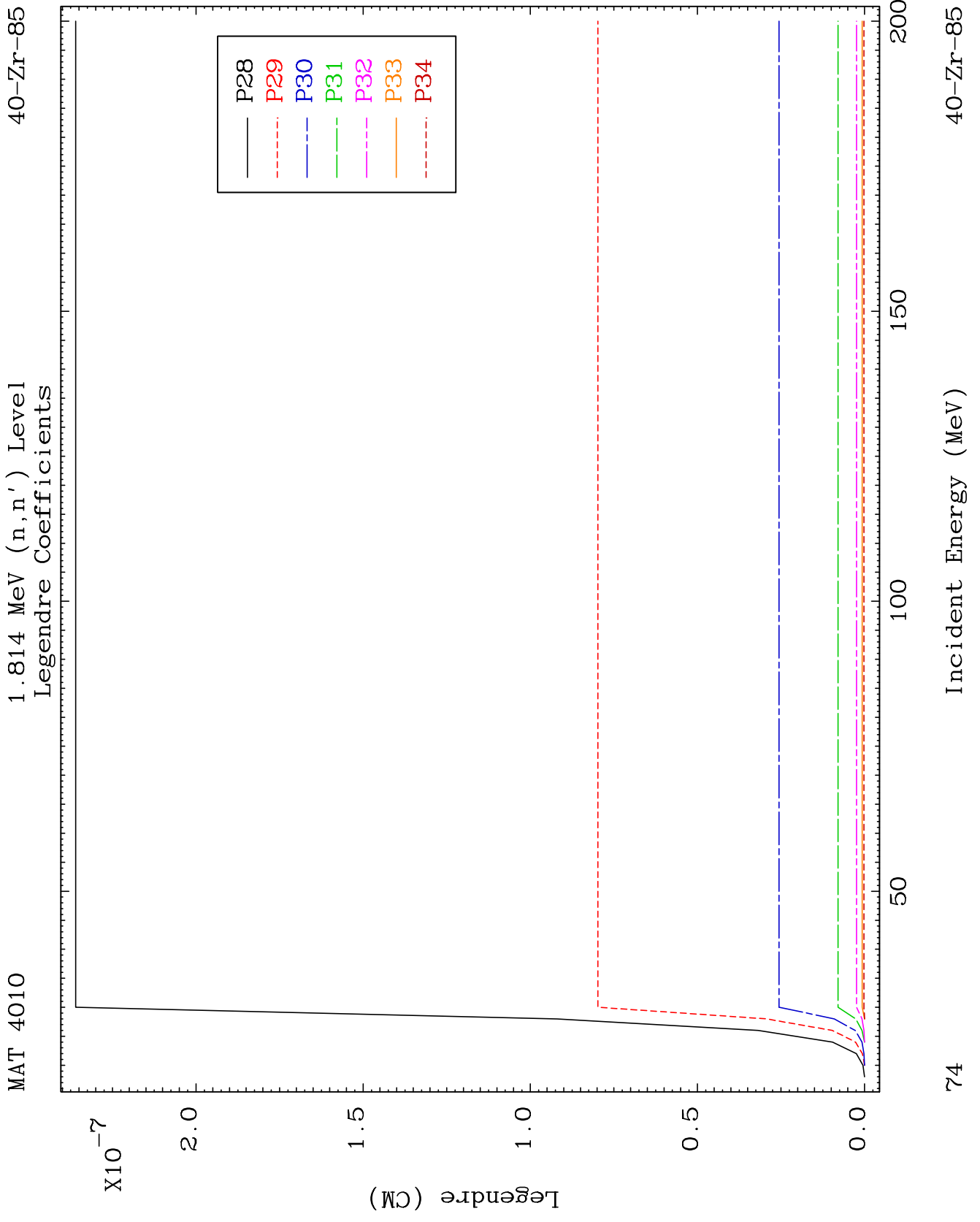


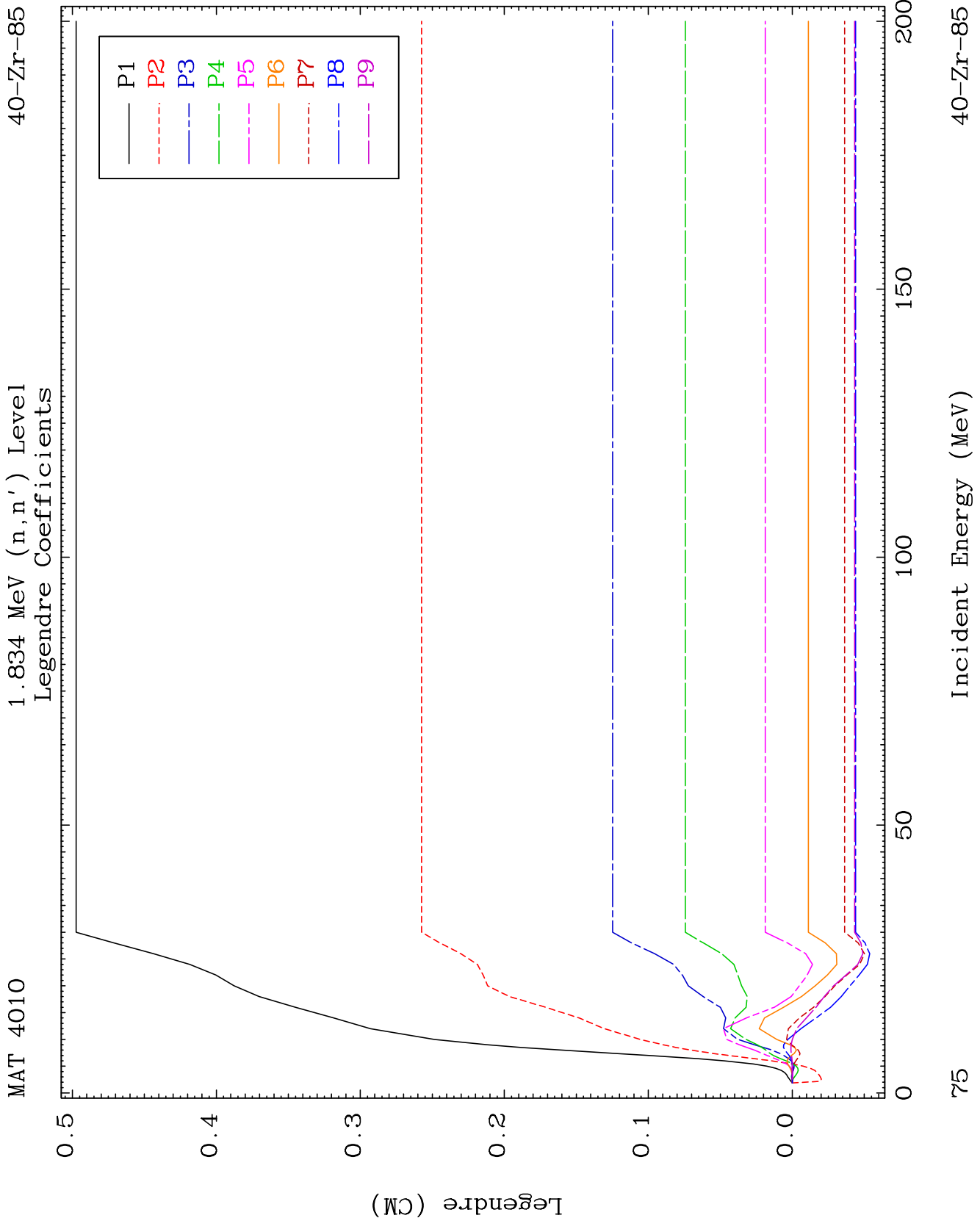


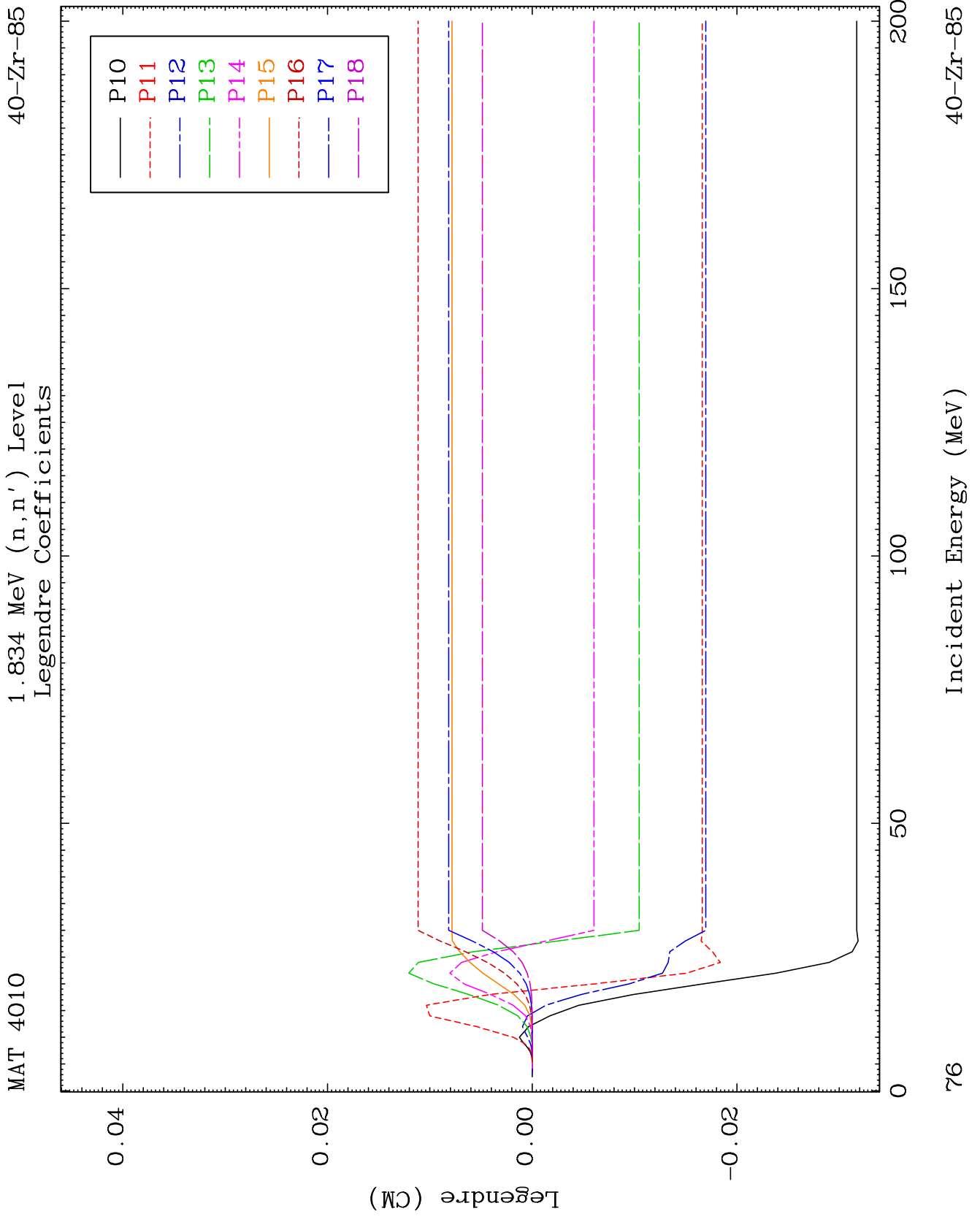


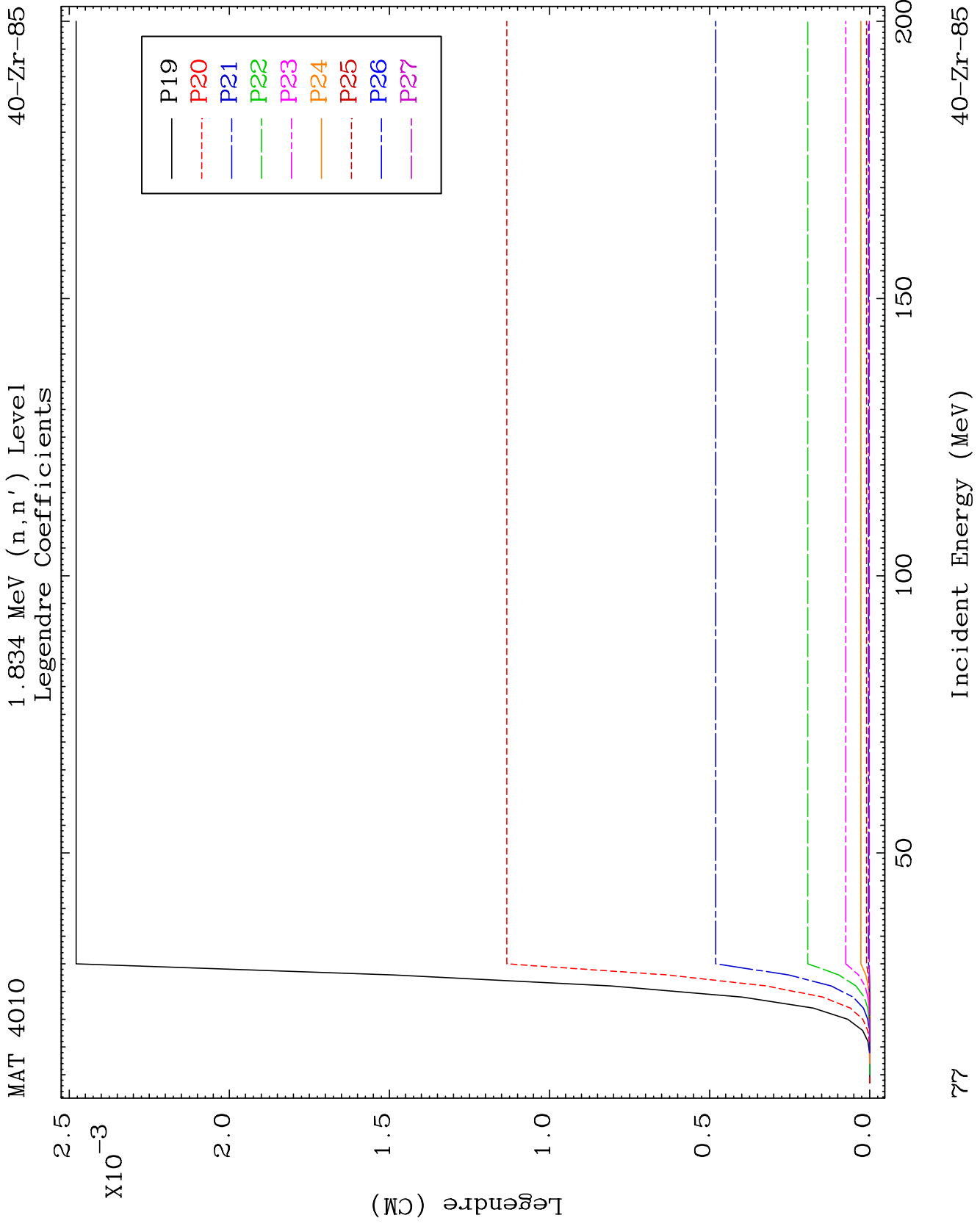


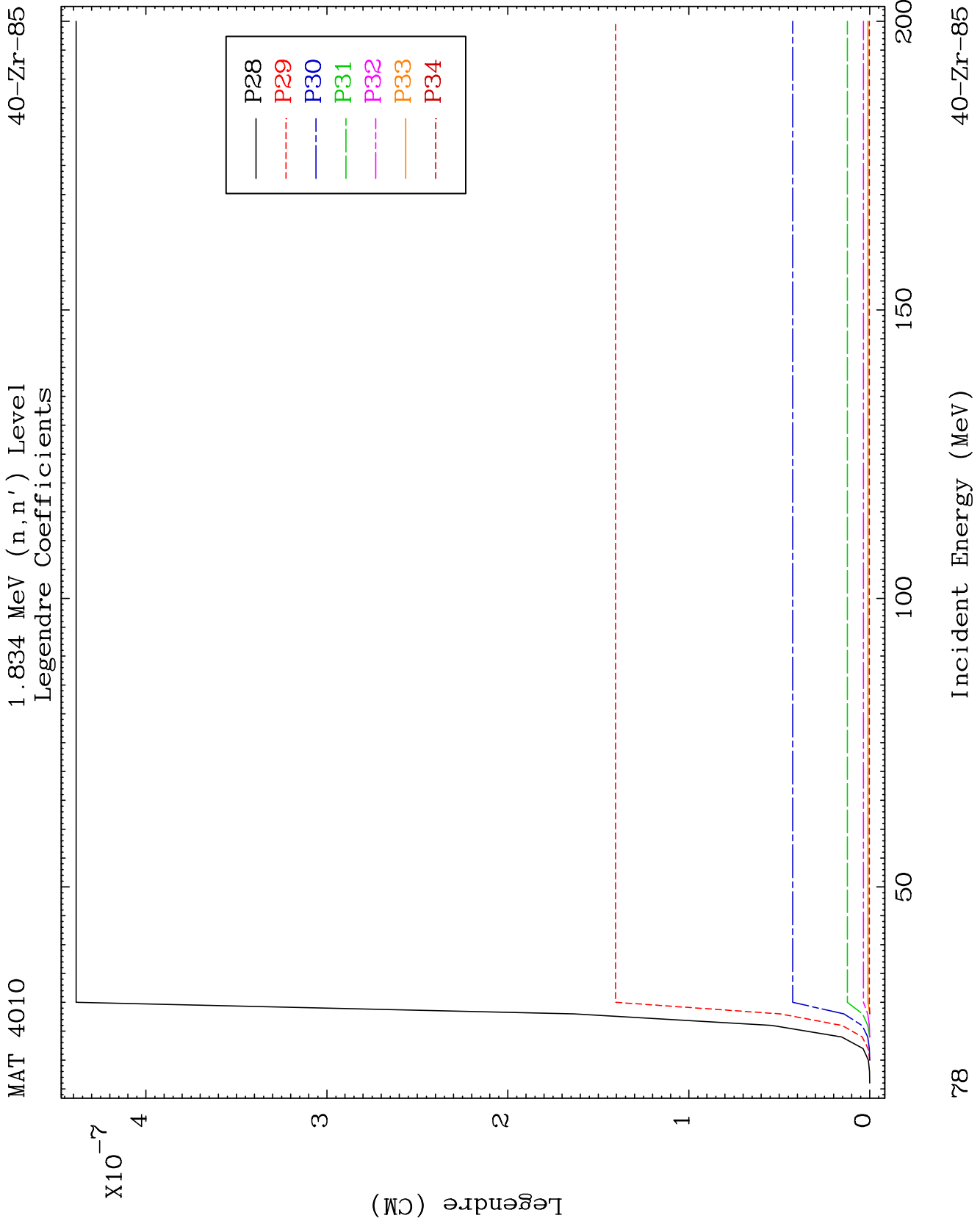


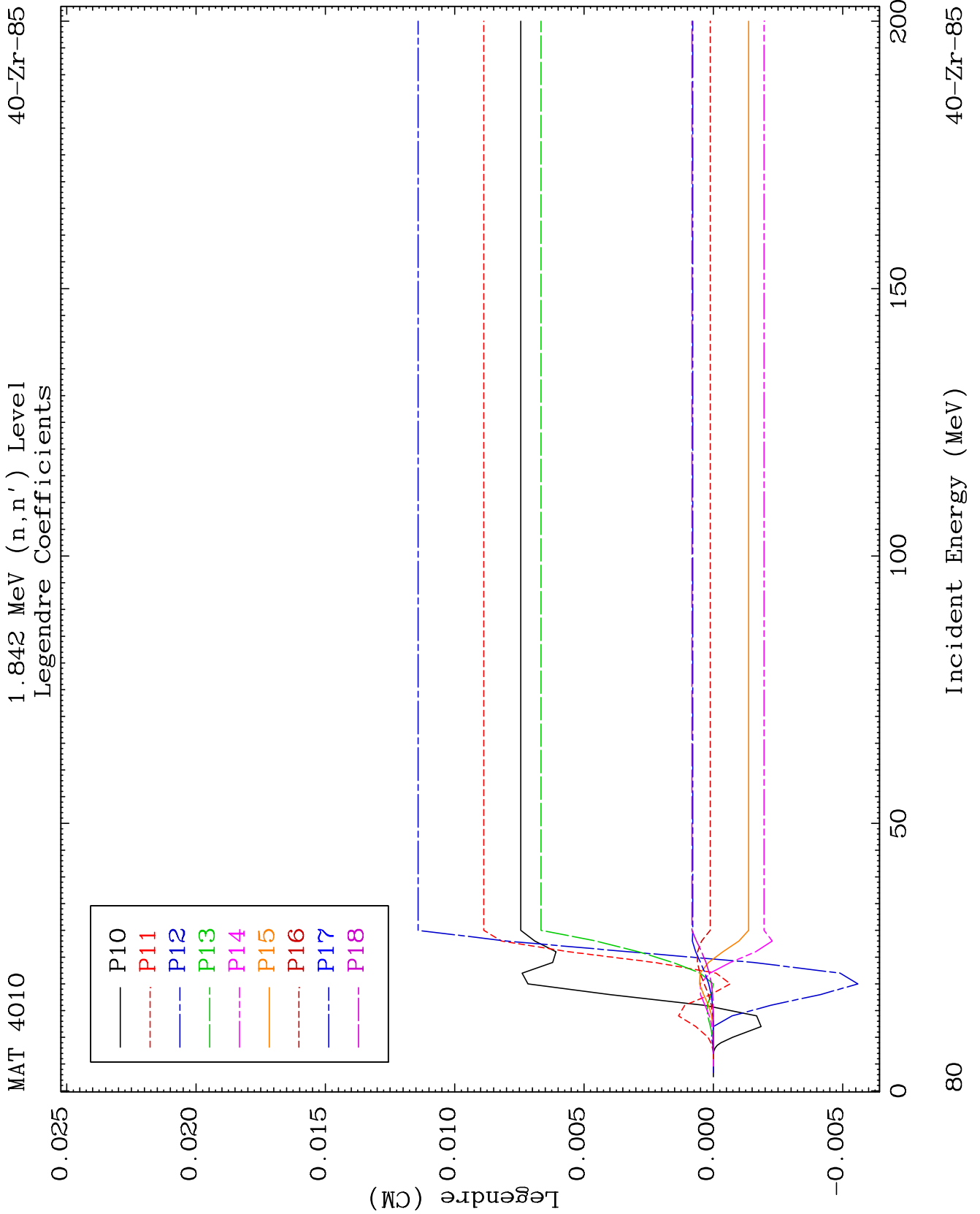


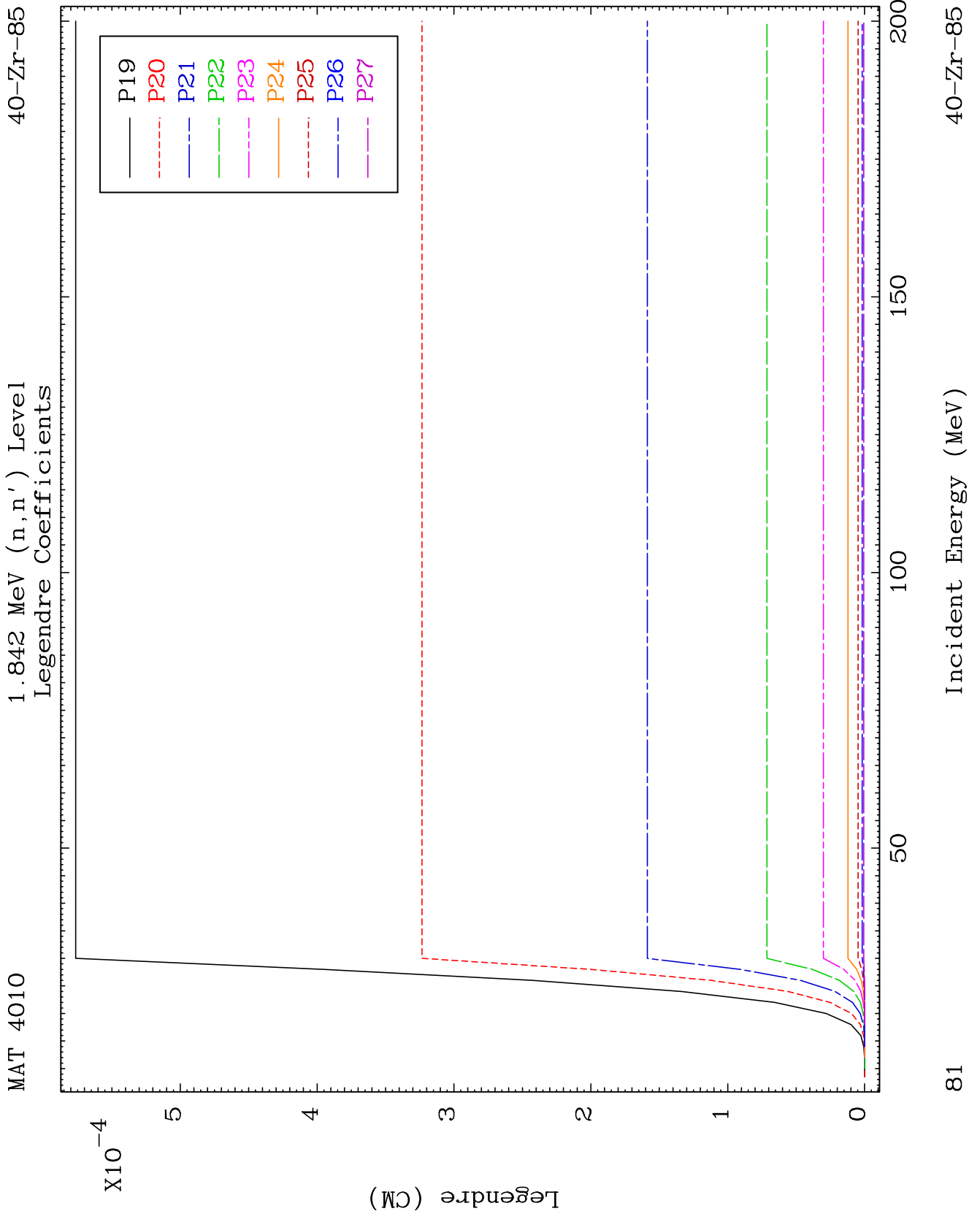


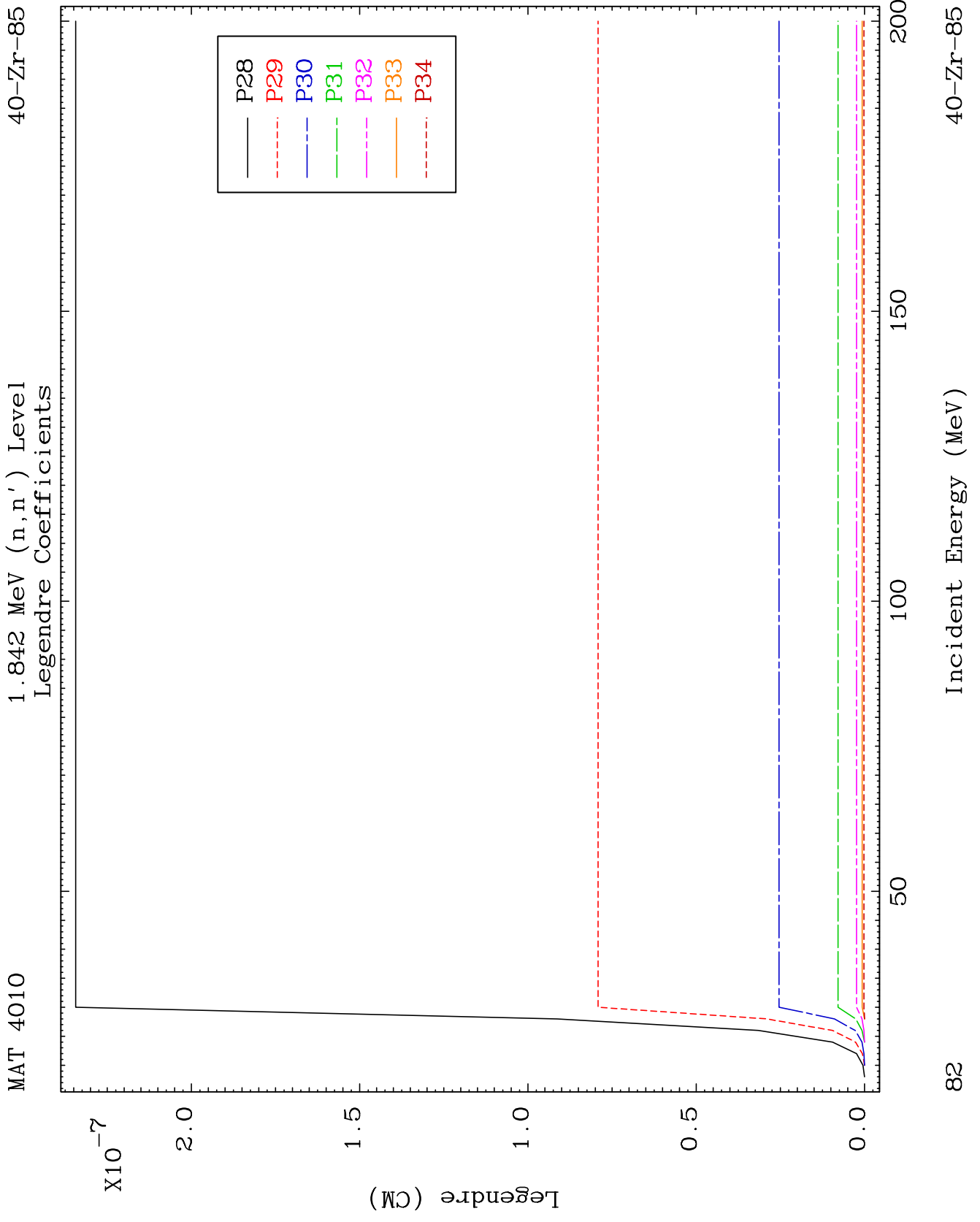


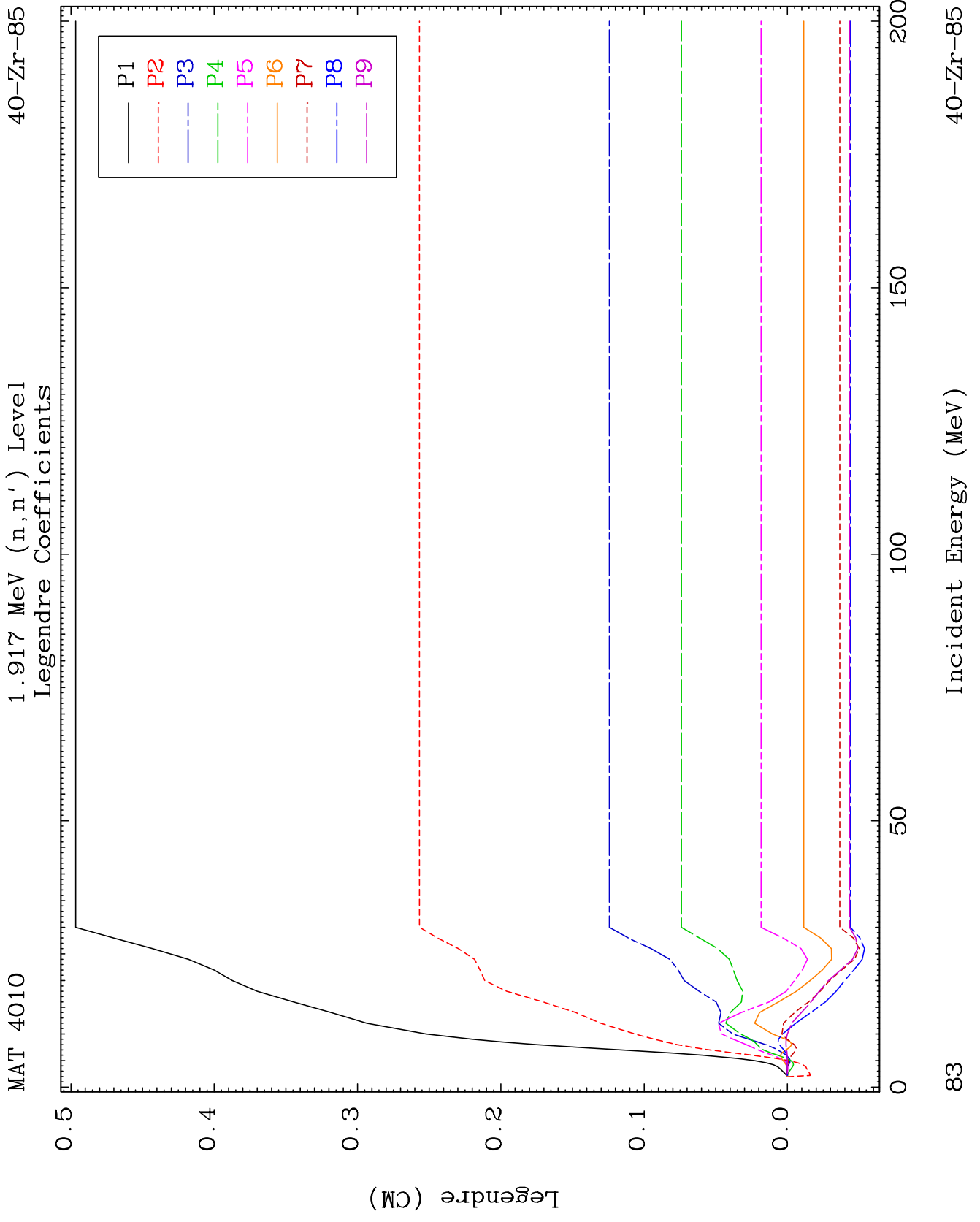


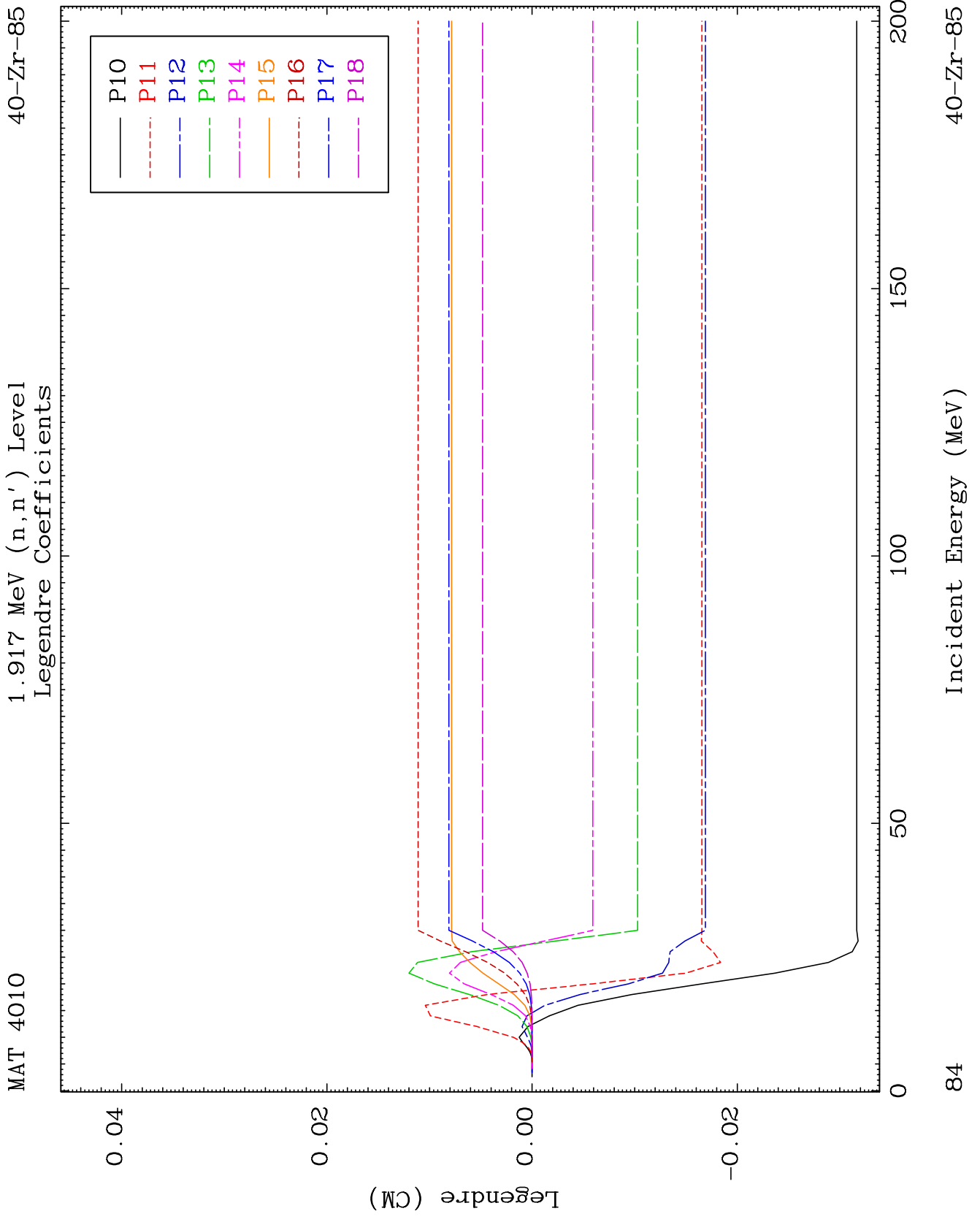


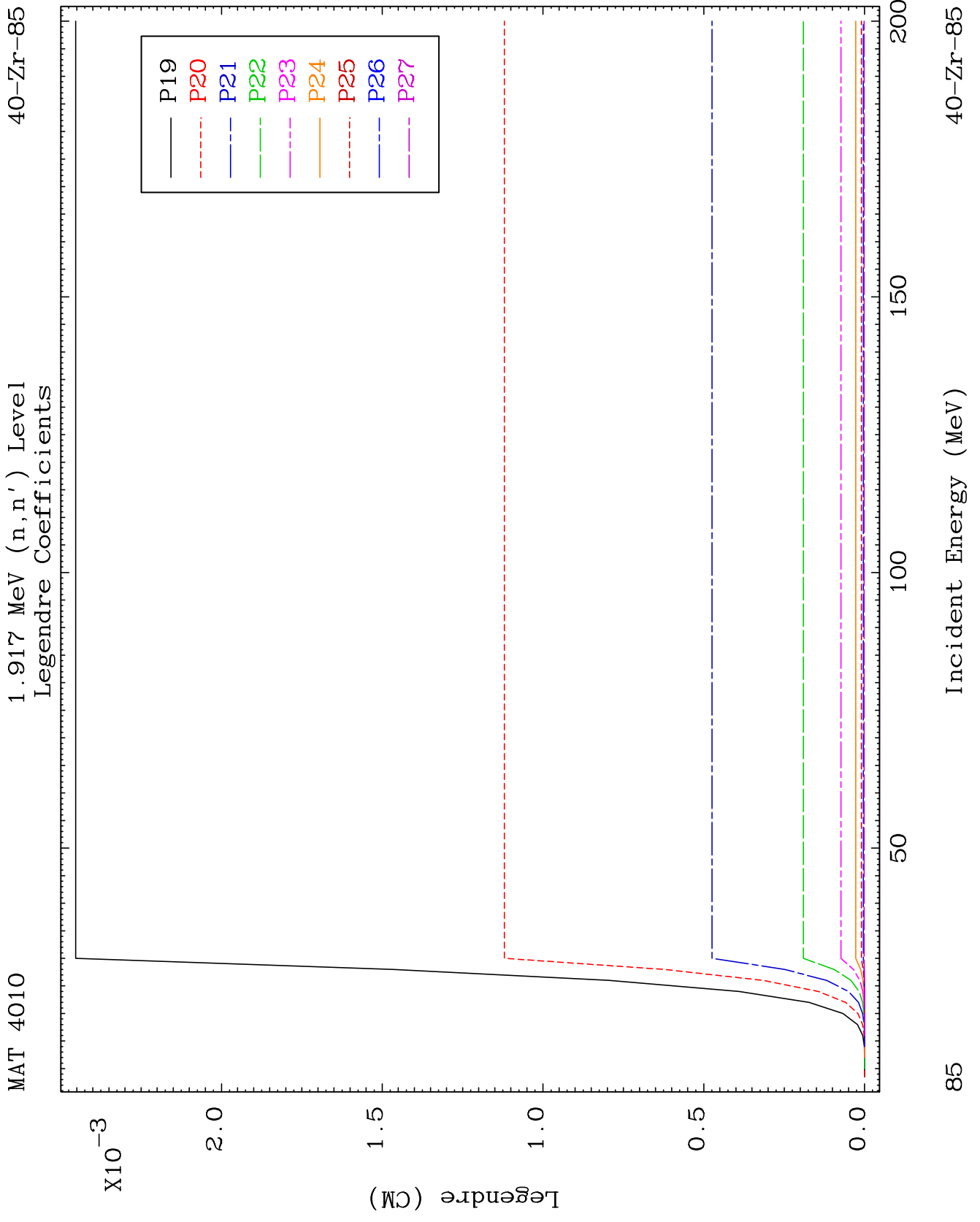


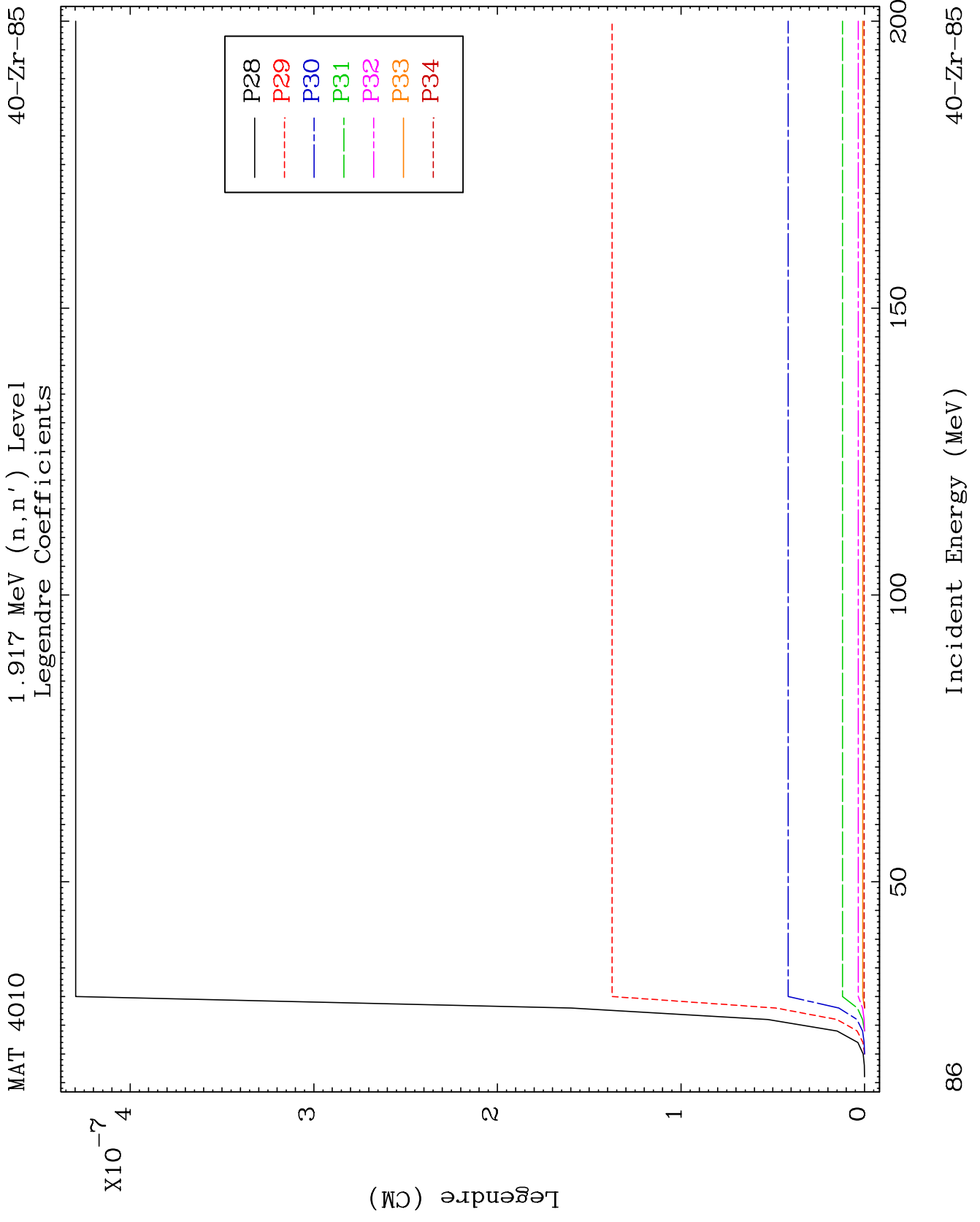


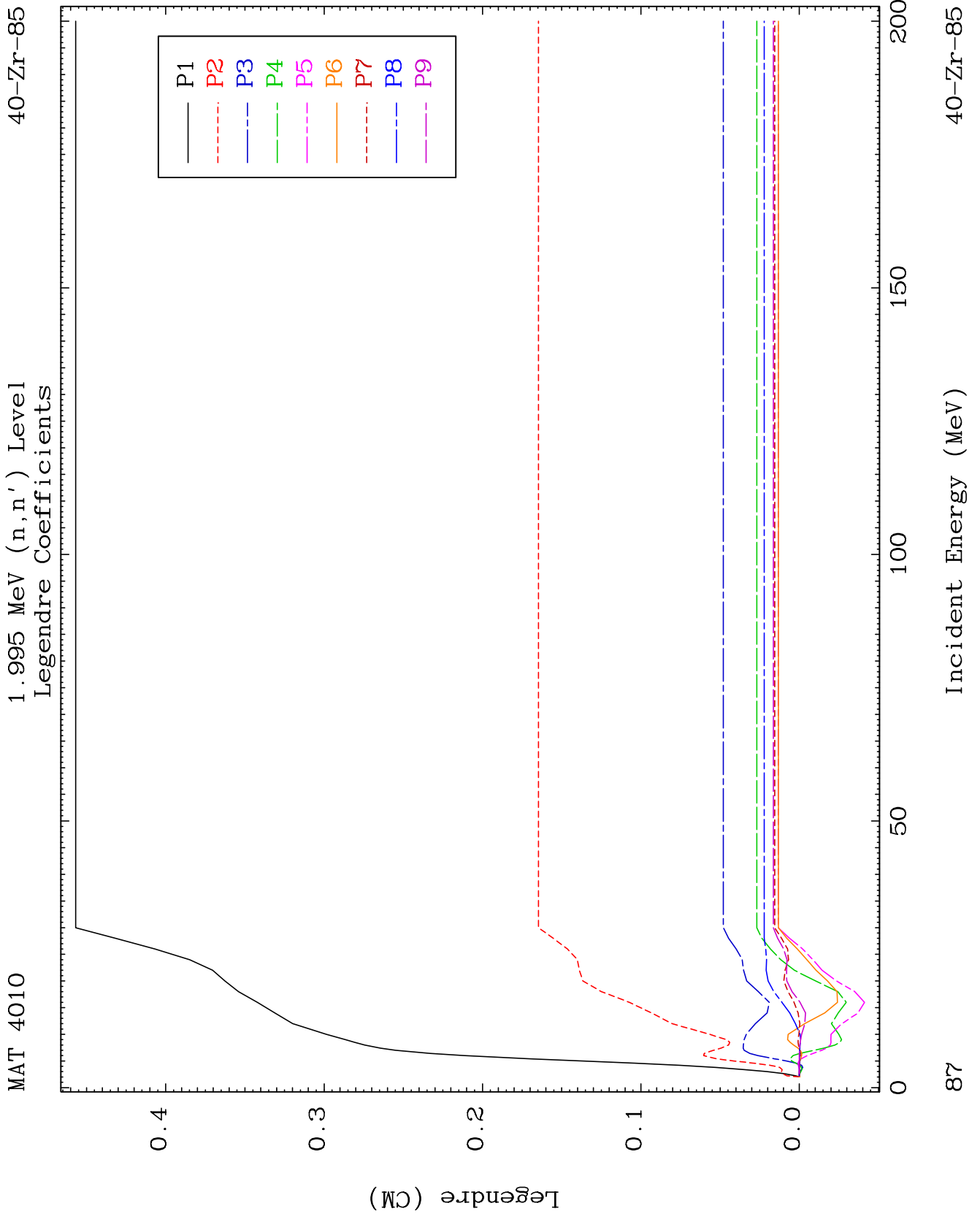








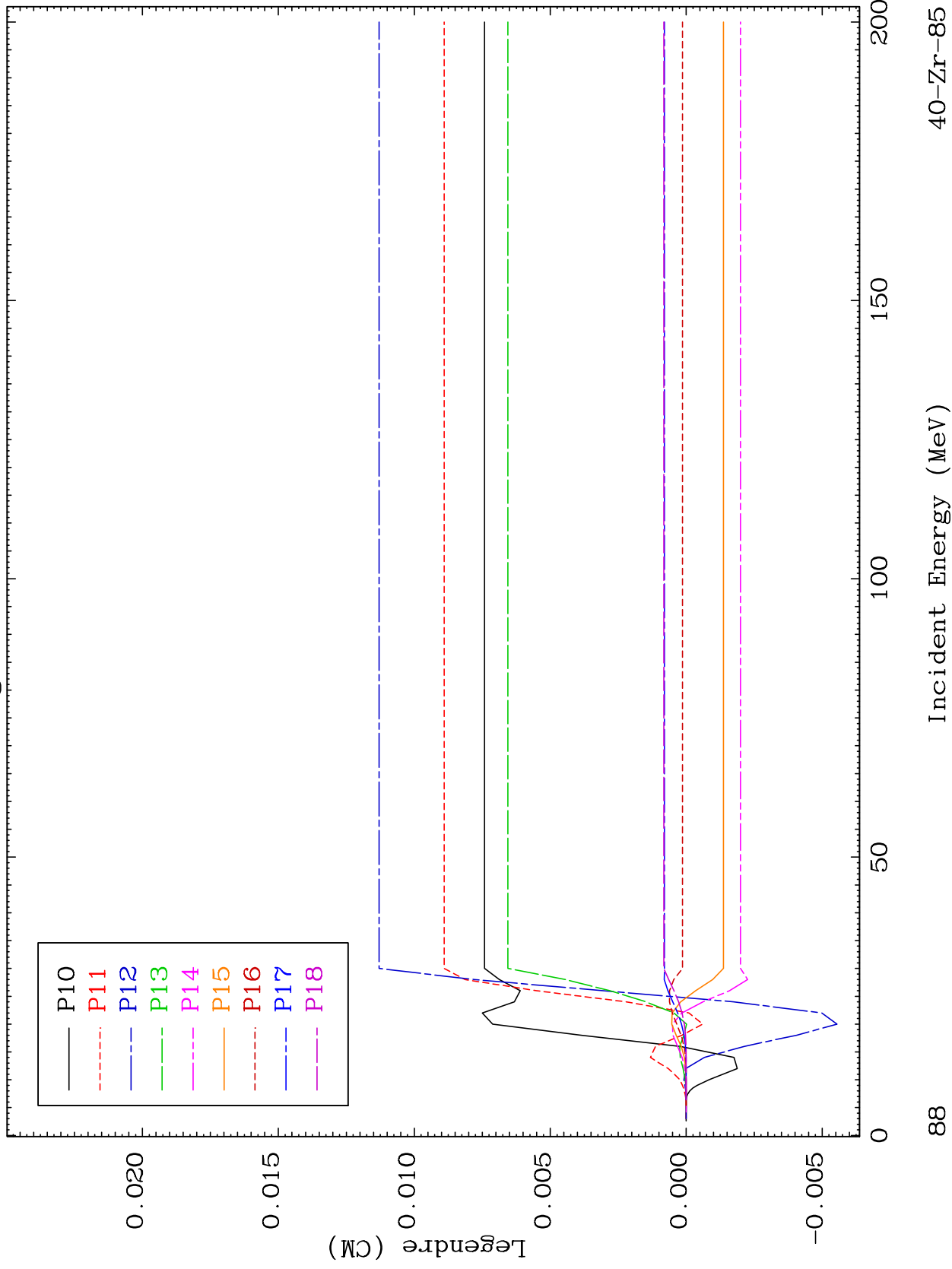




MAT 4010

1.995 MeV (n,n') Level
Legendre Coefficients

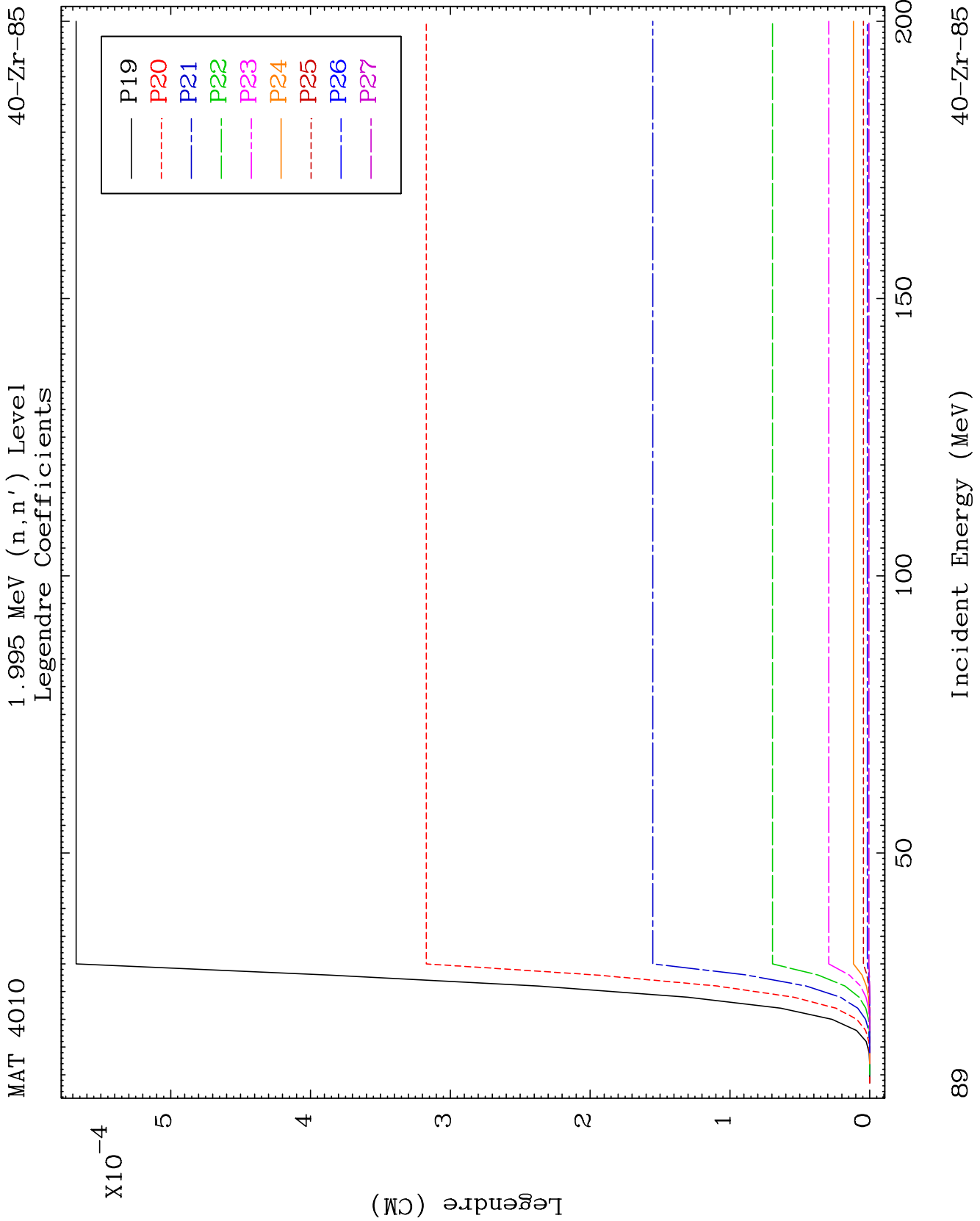
40-Zr-85

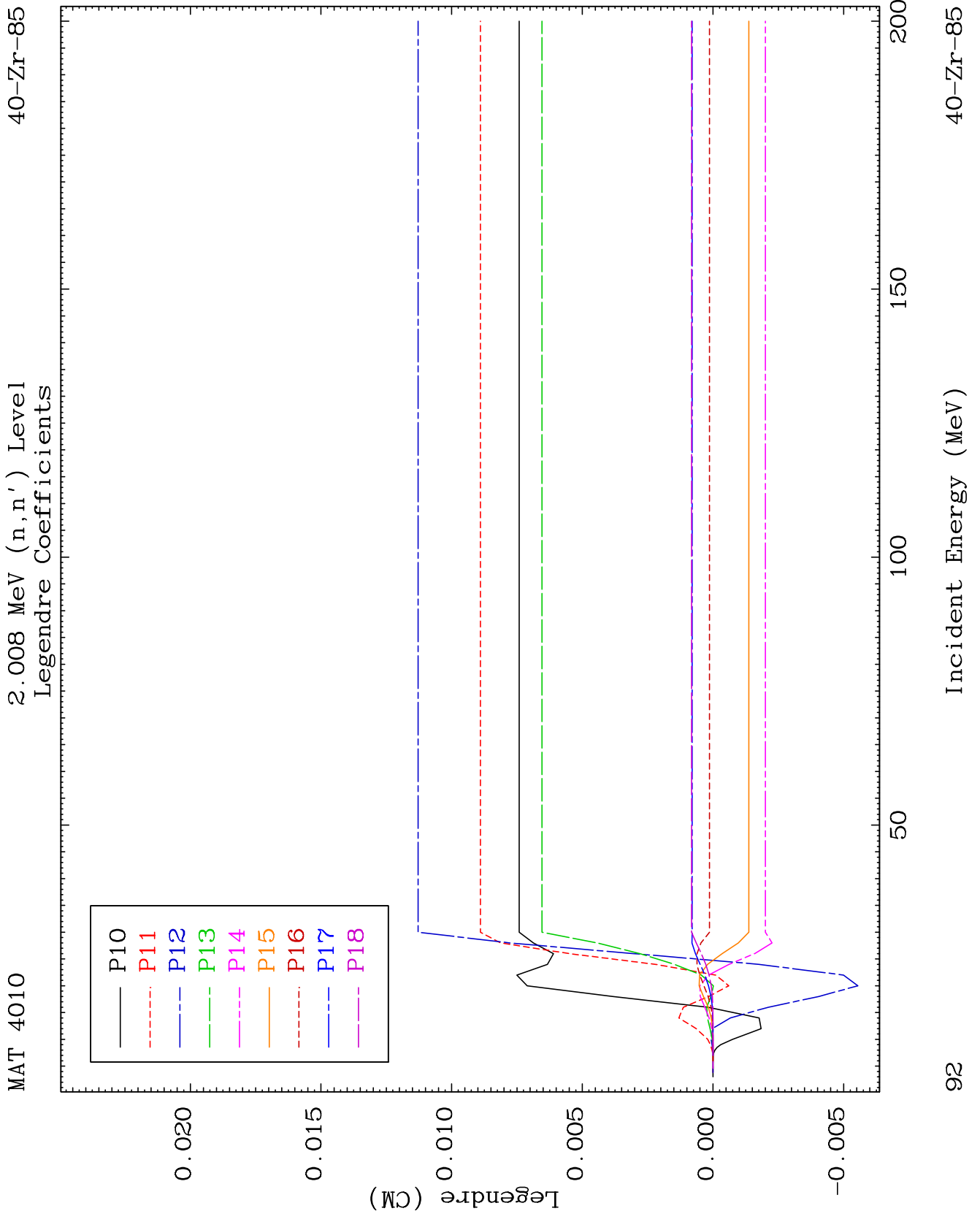


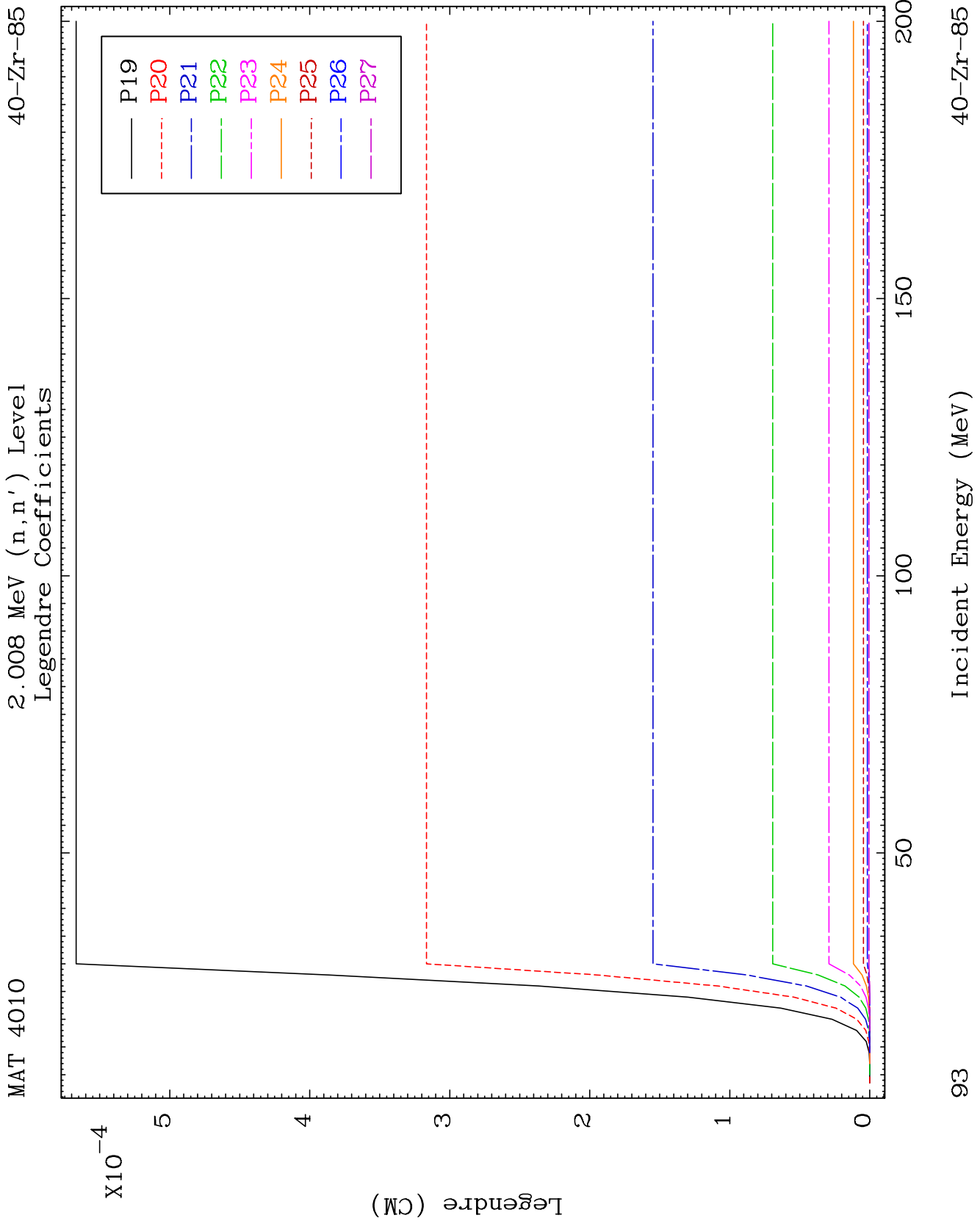
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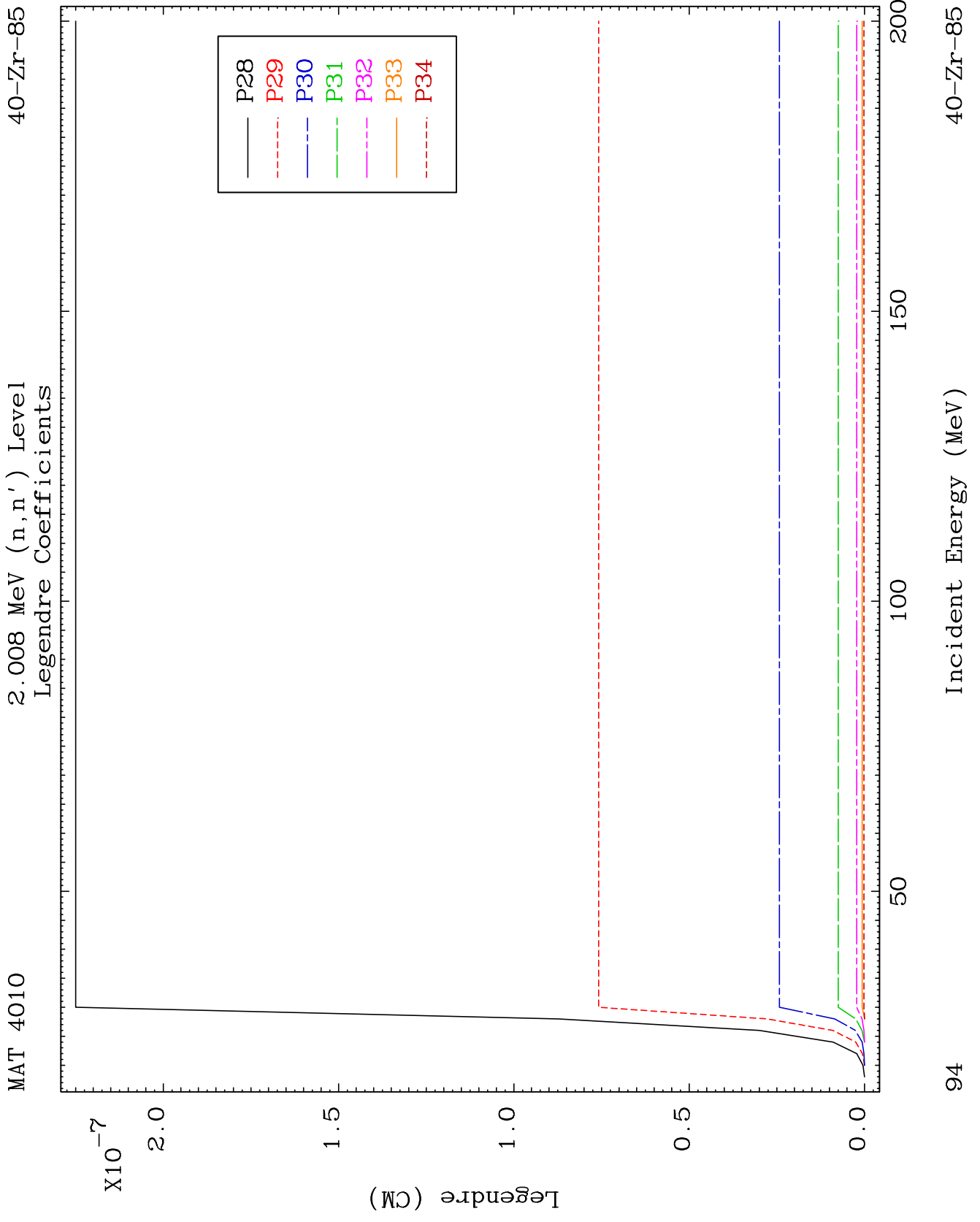
Incident Energy (MeV)

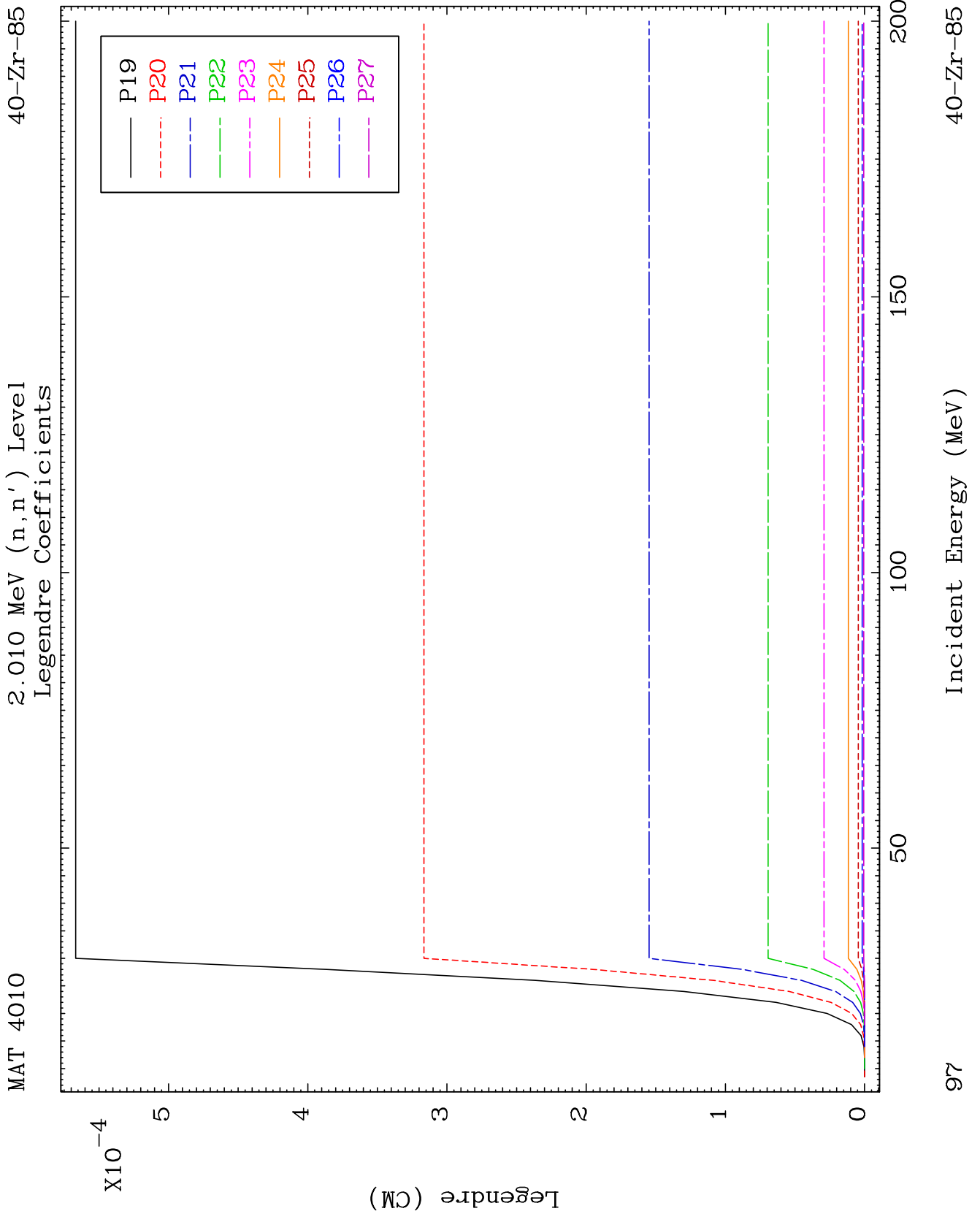
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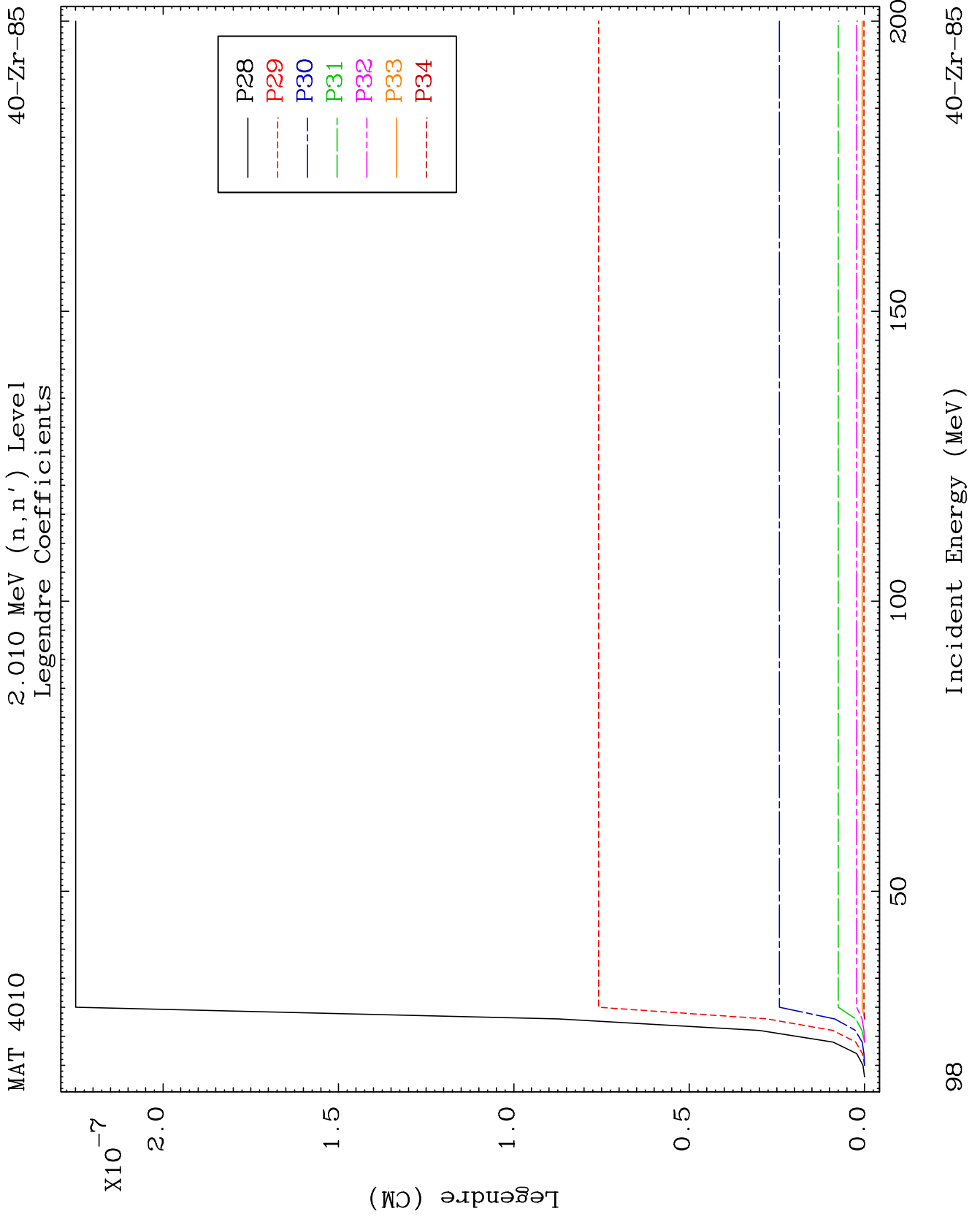


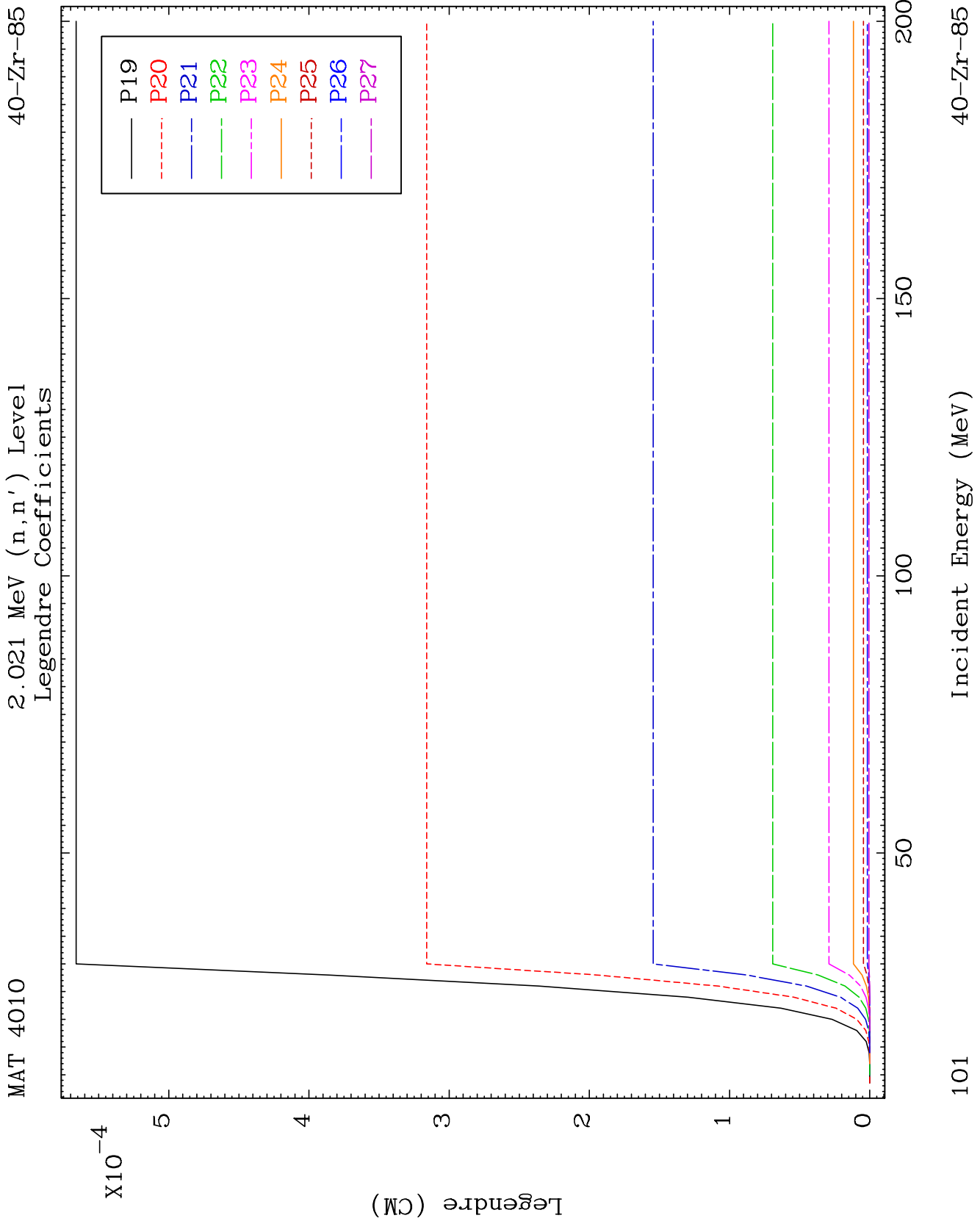


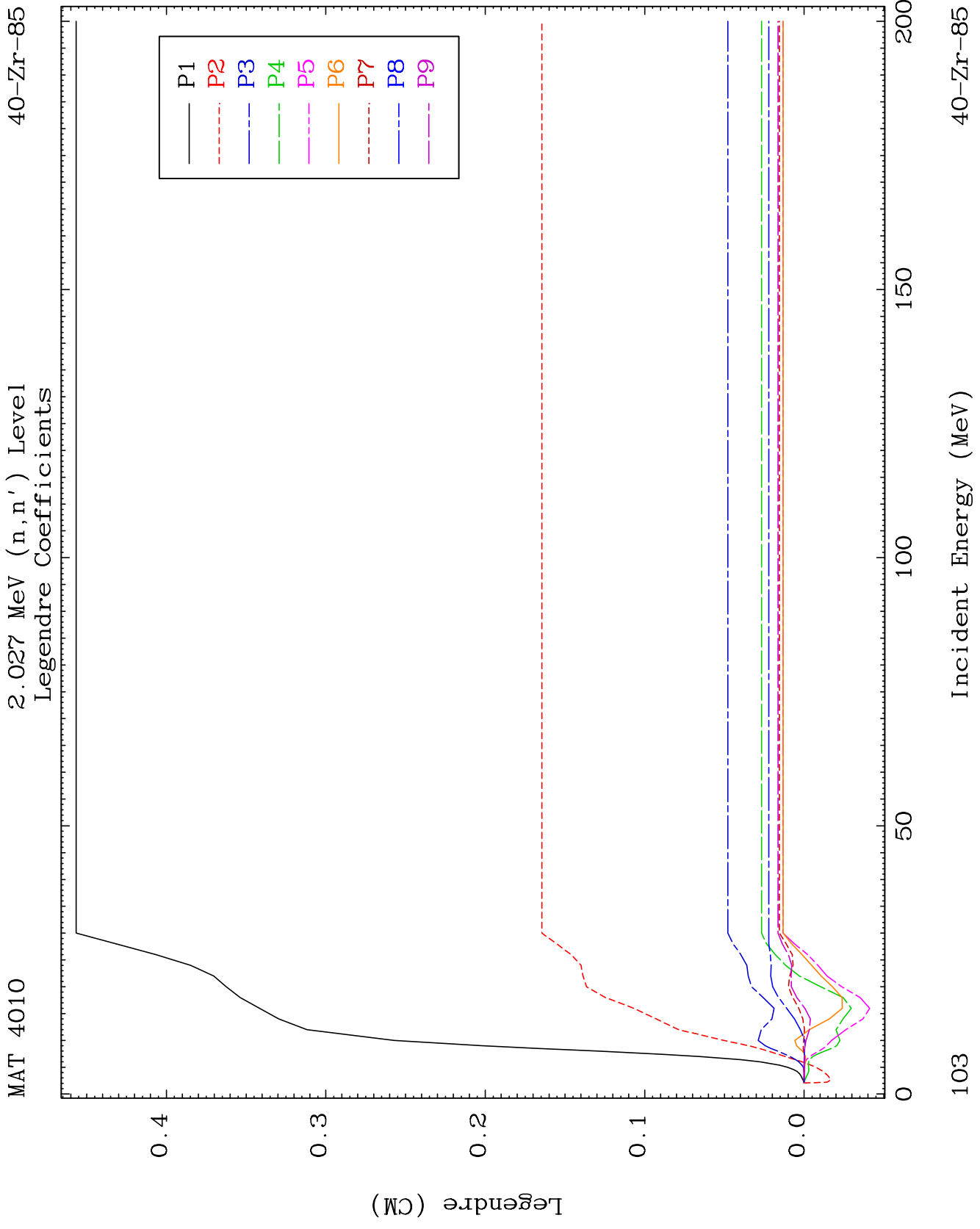








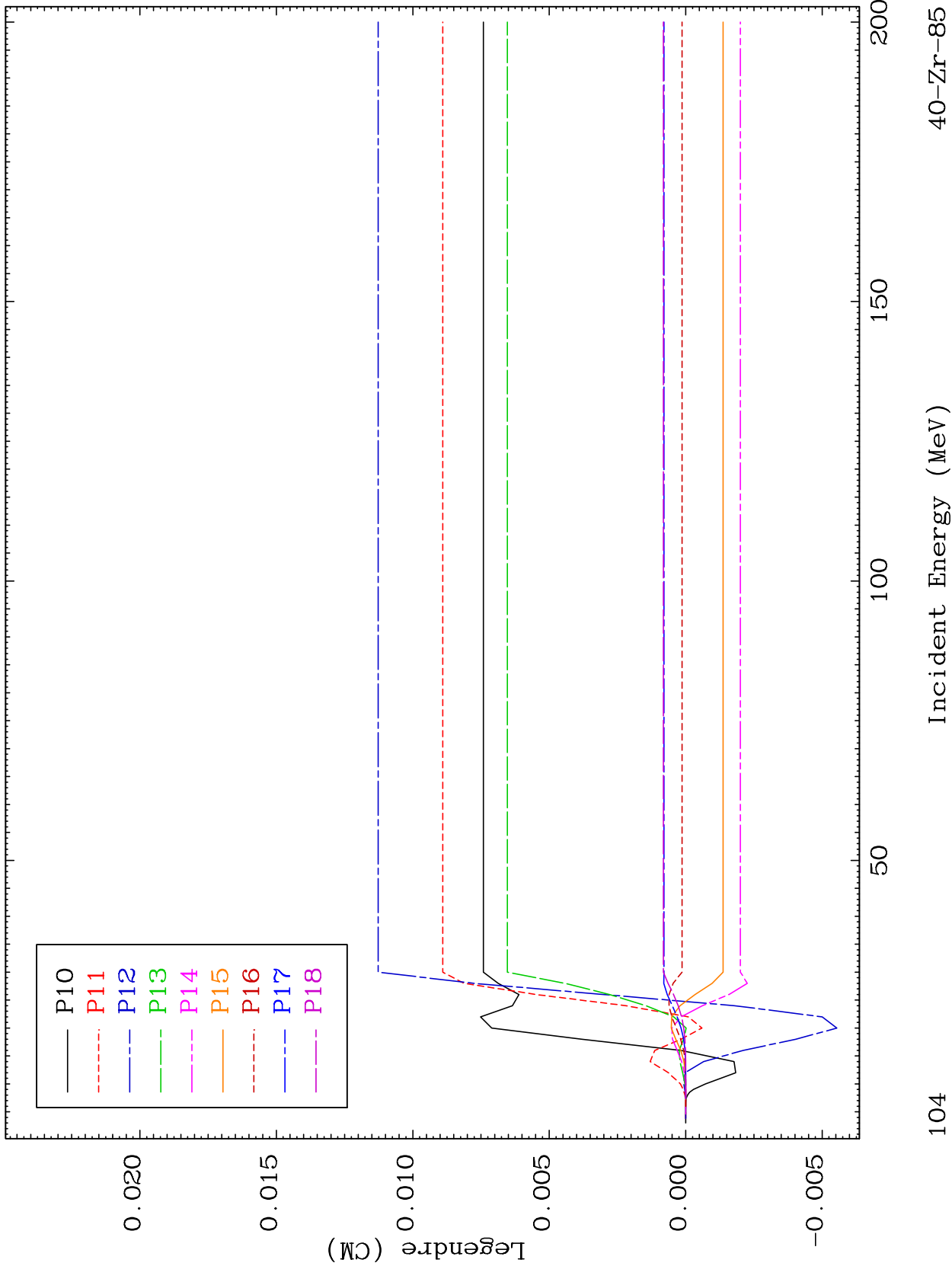




MAT 4010

2.027 MeV (n,n') Level
Legendre Coefficients

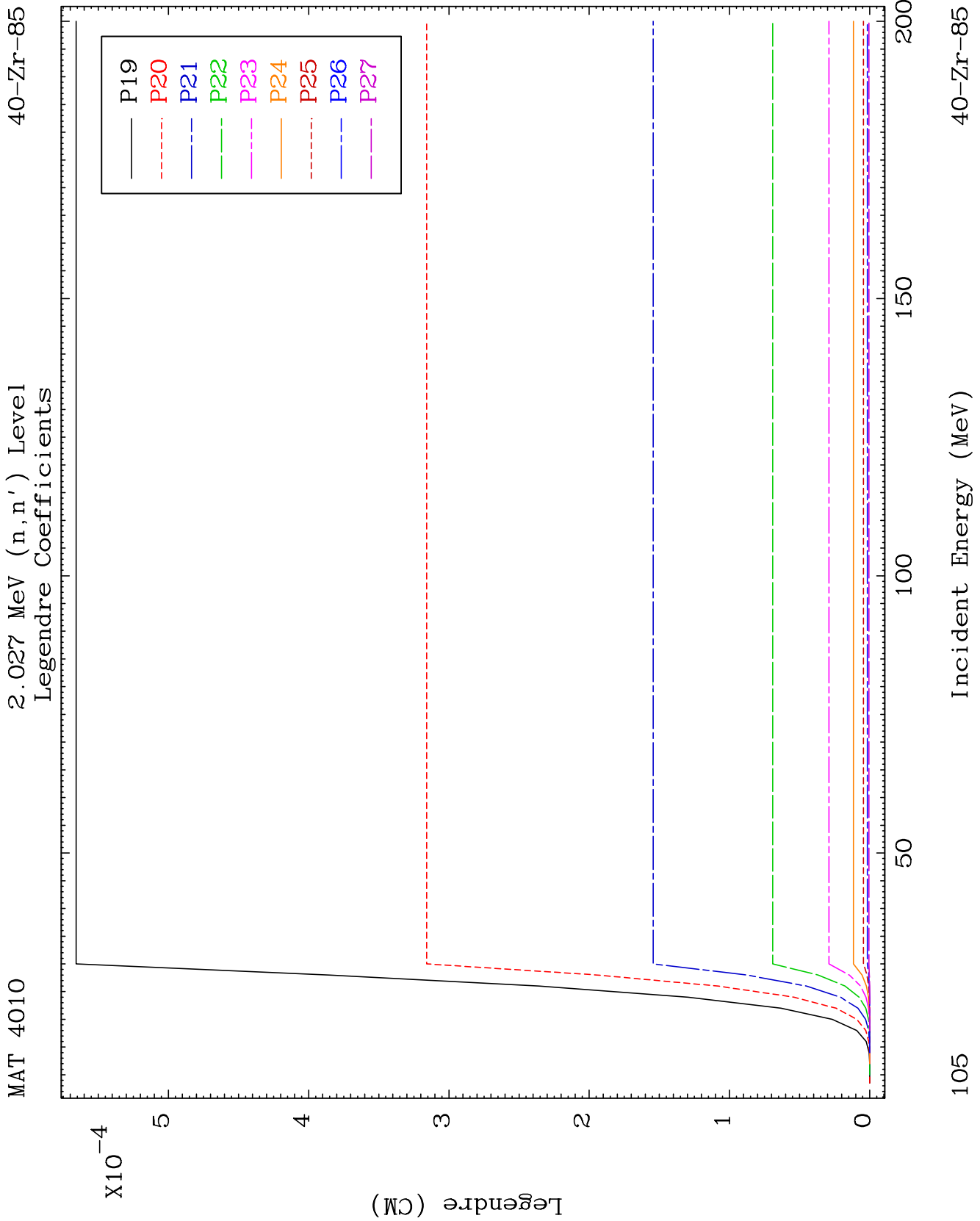
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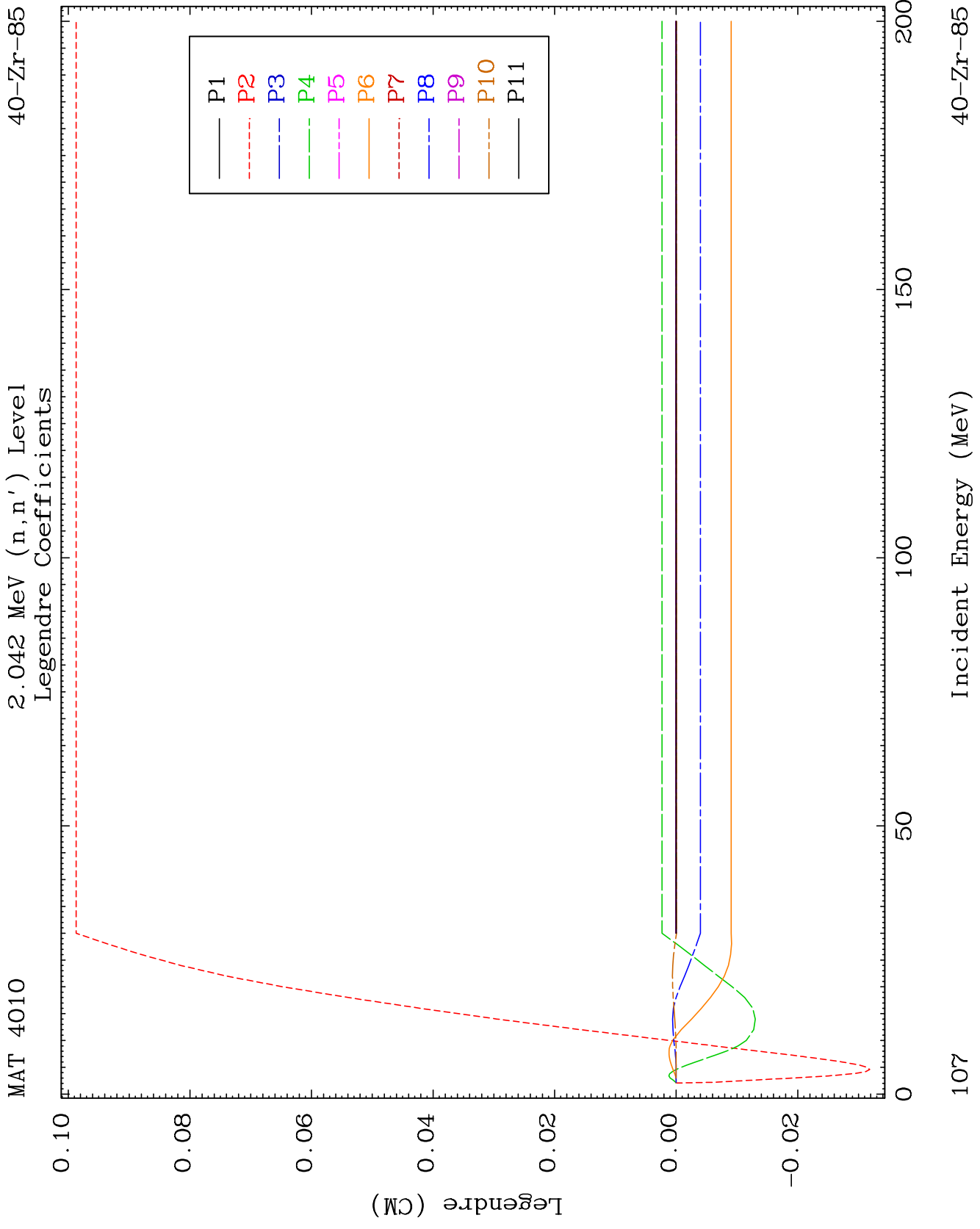


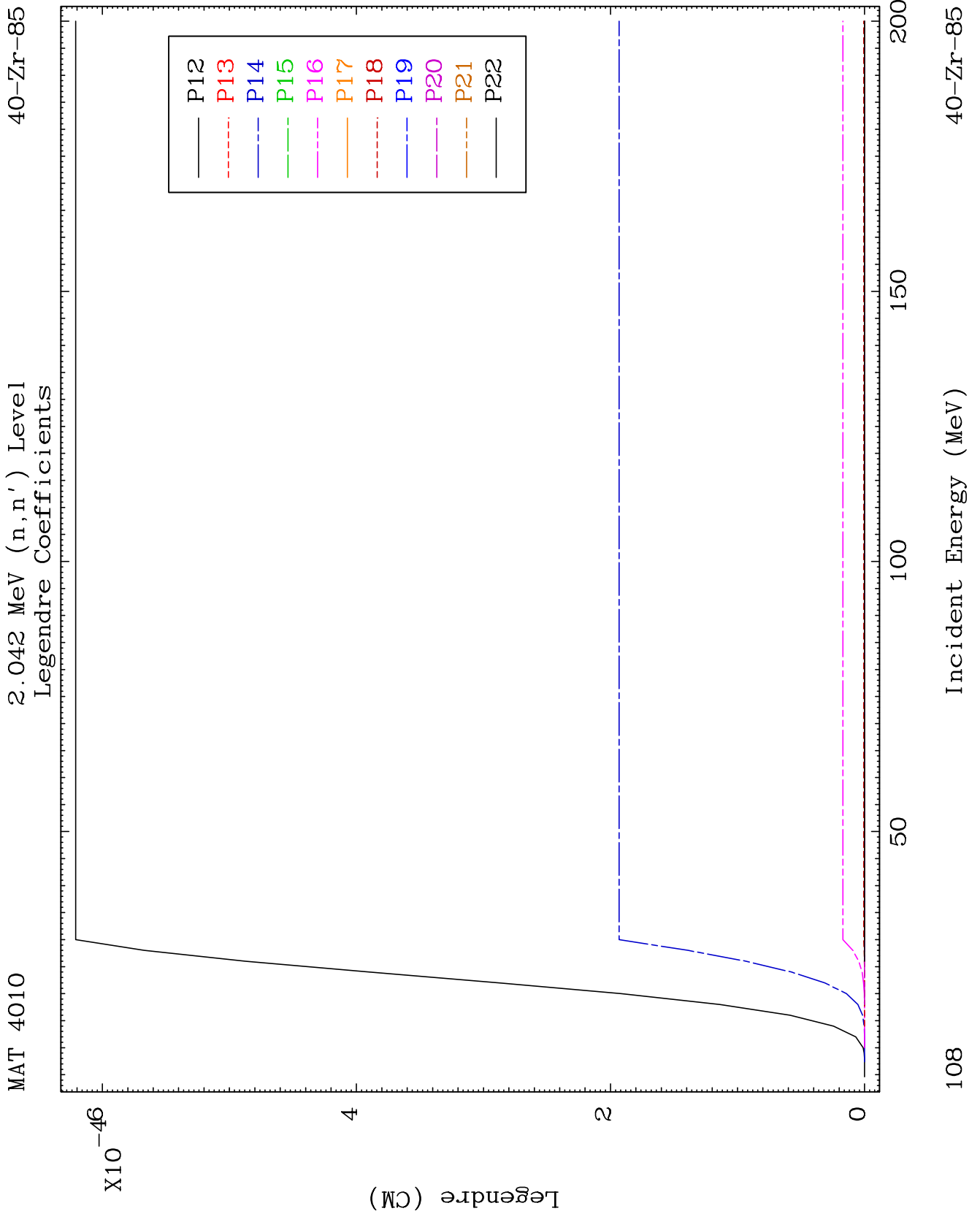
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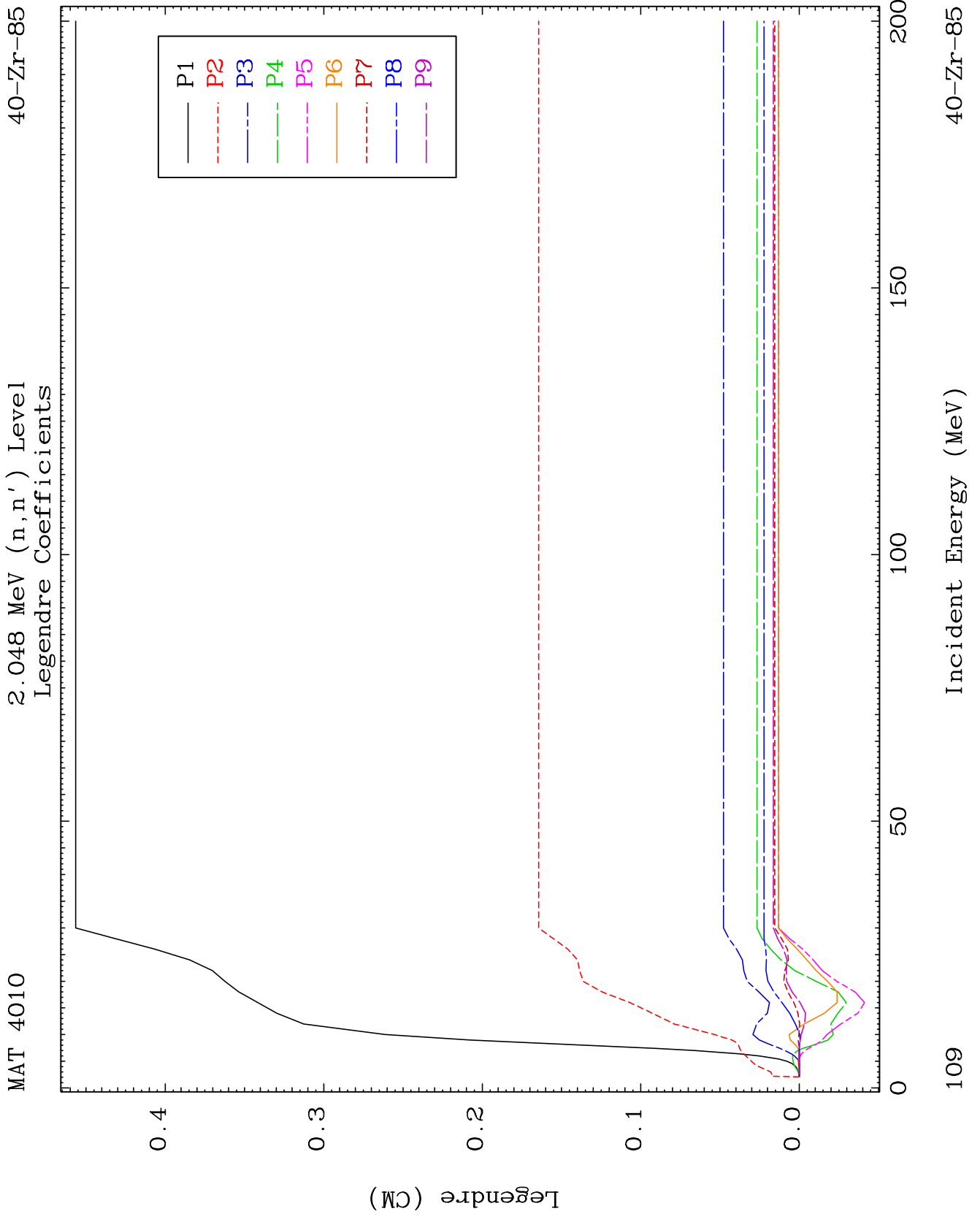
Incident Energy (MeV)

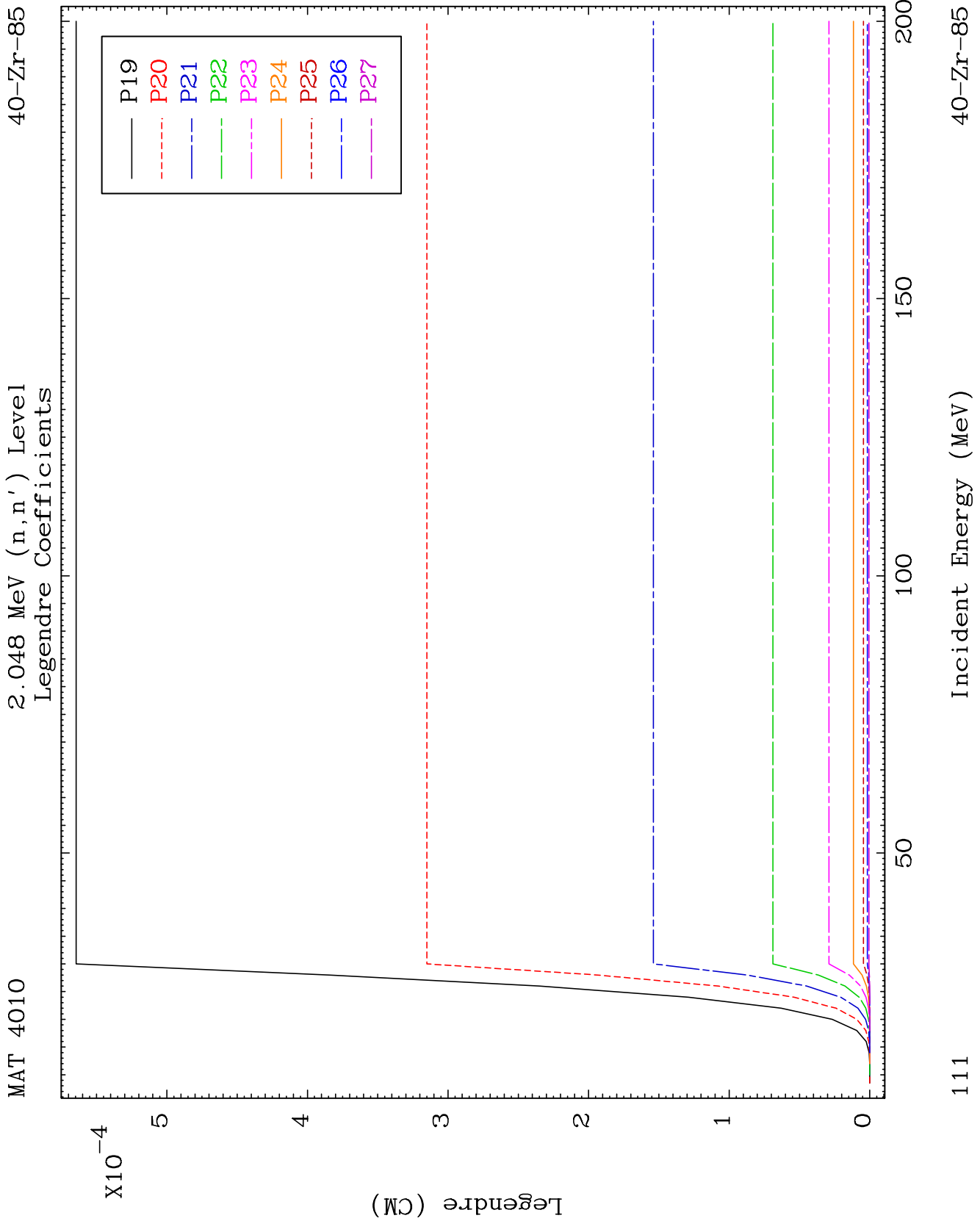
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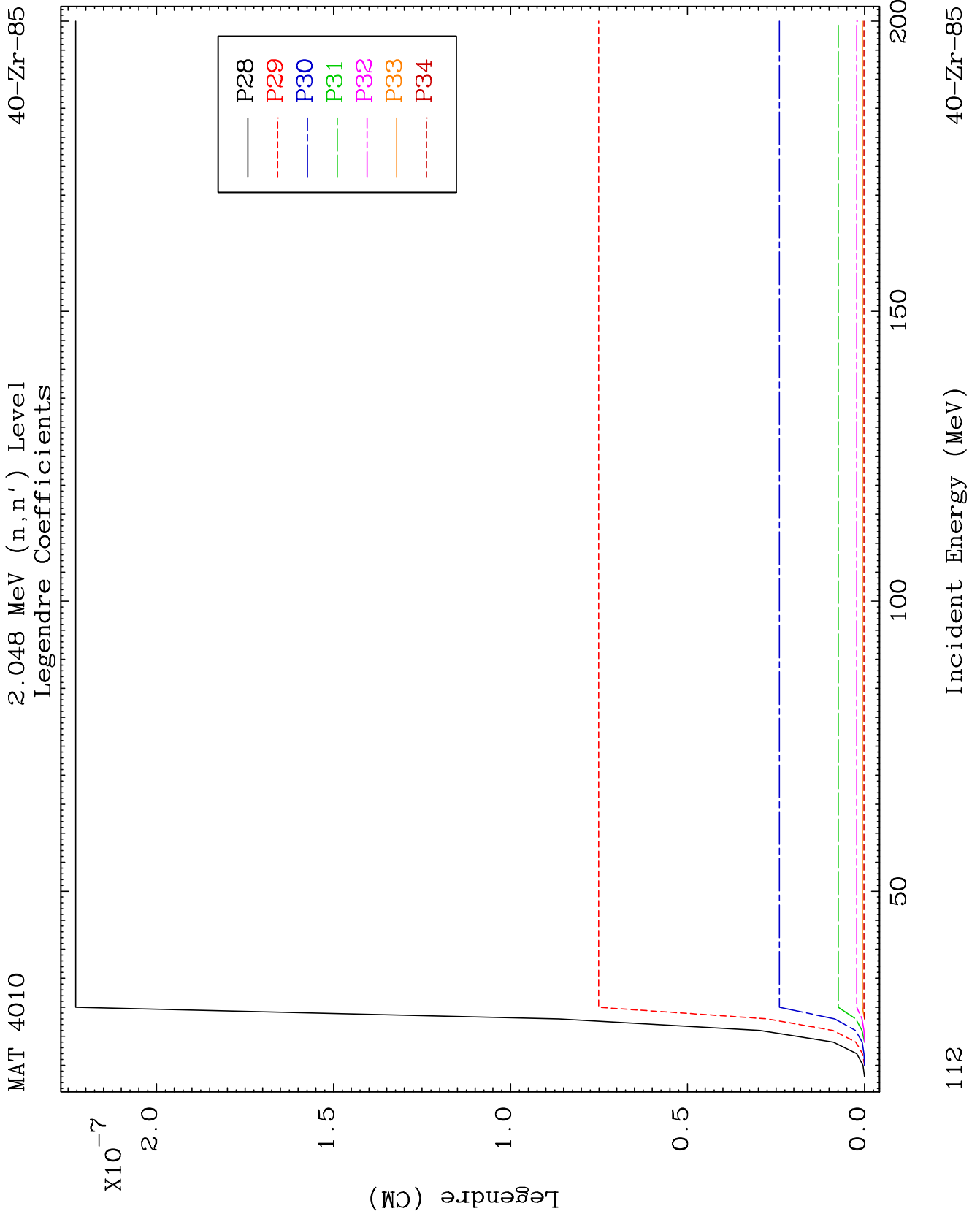


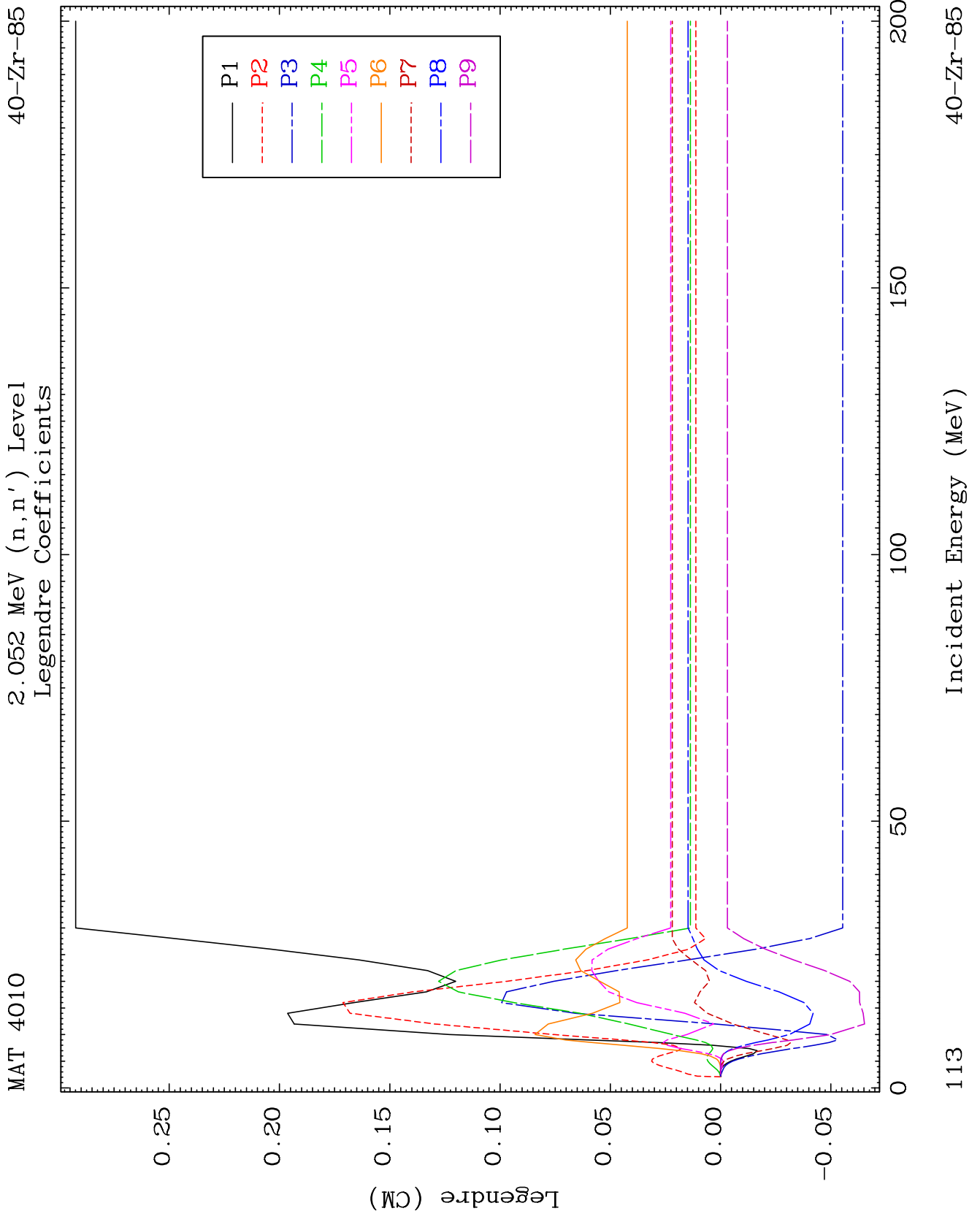


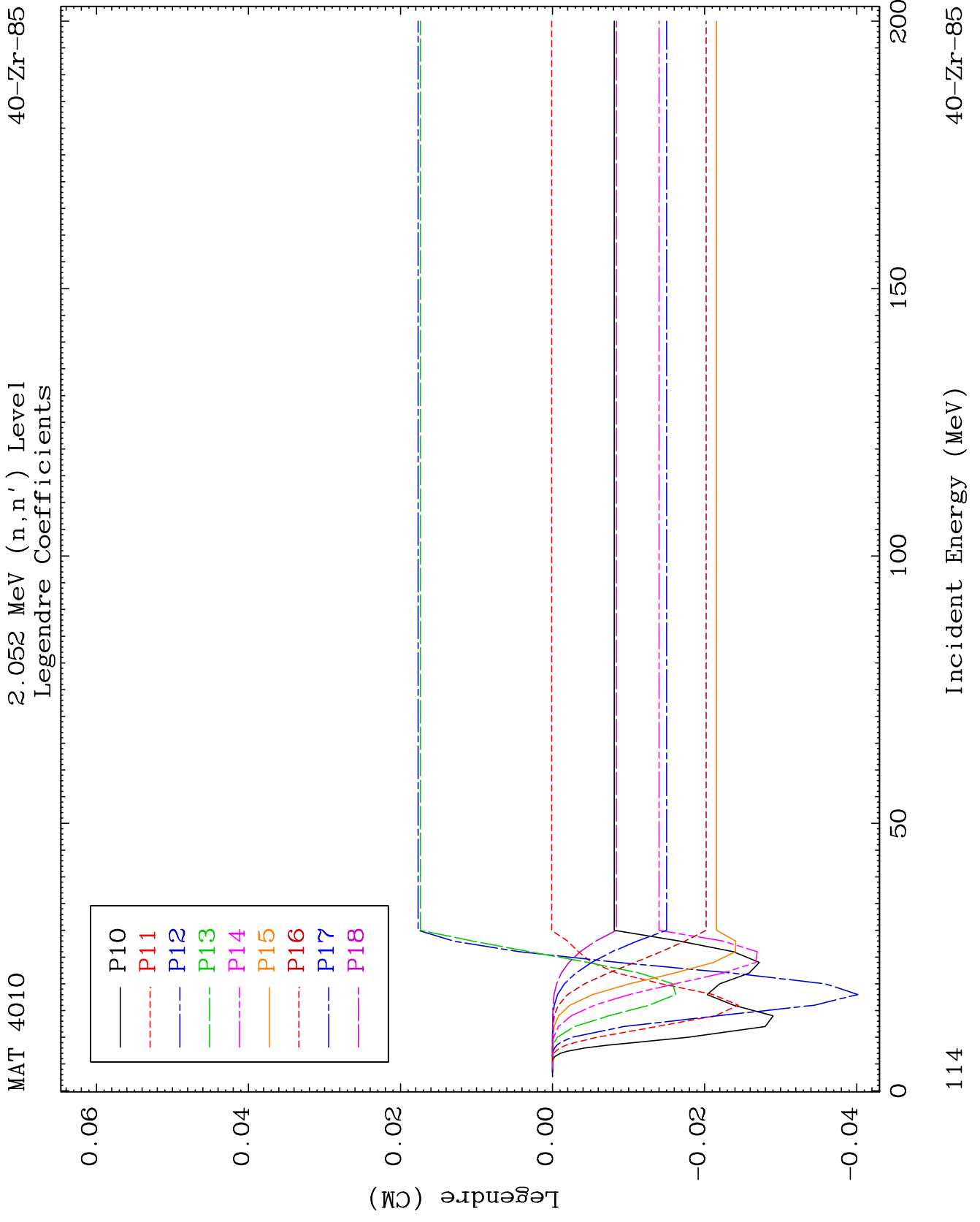


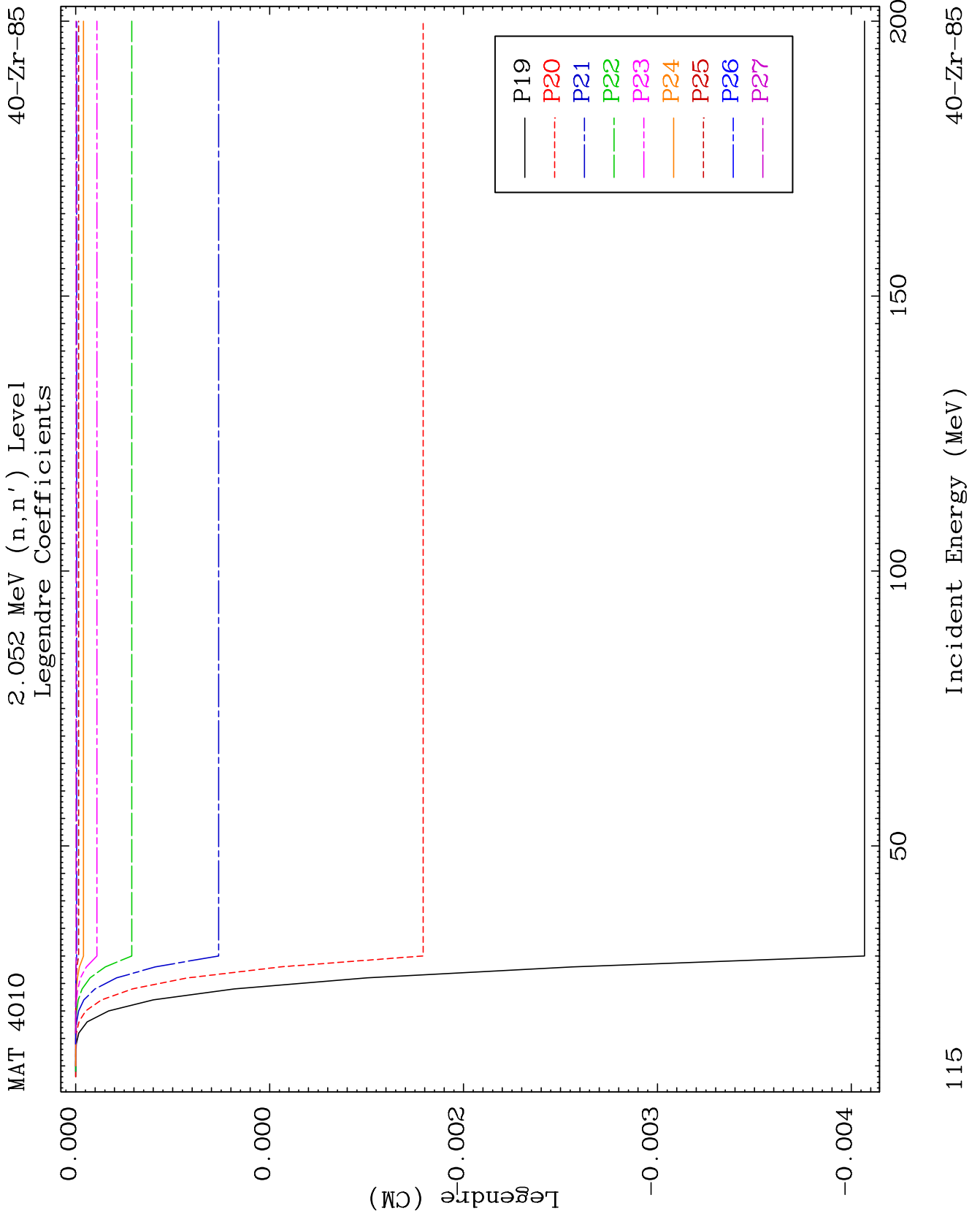


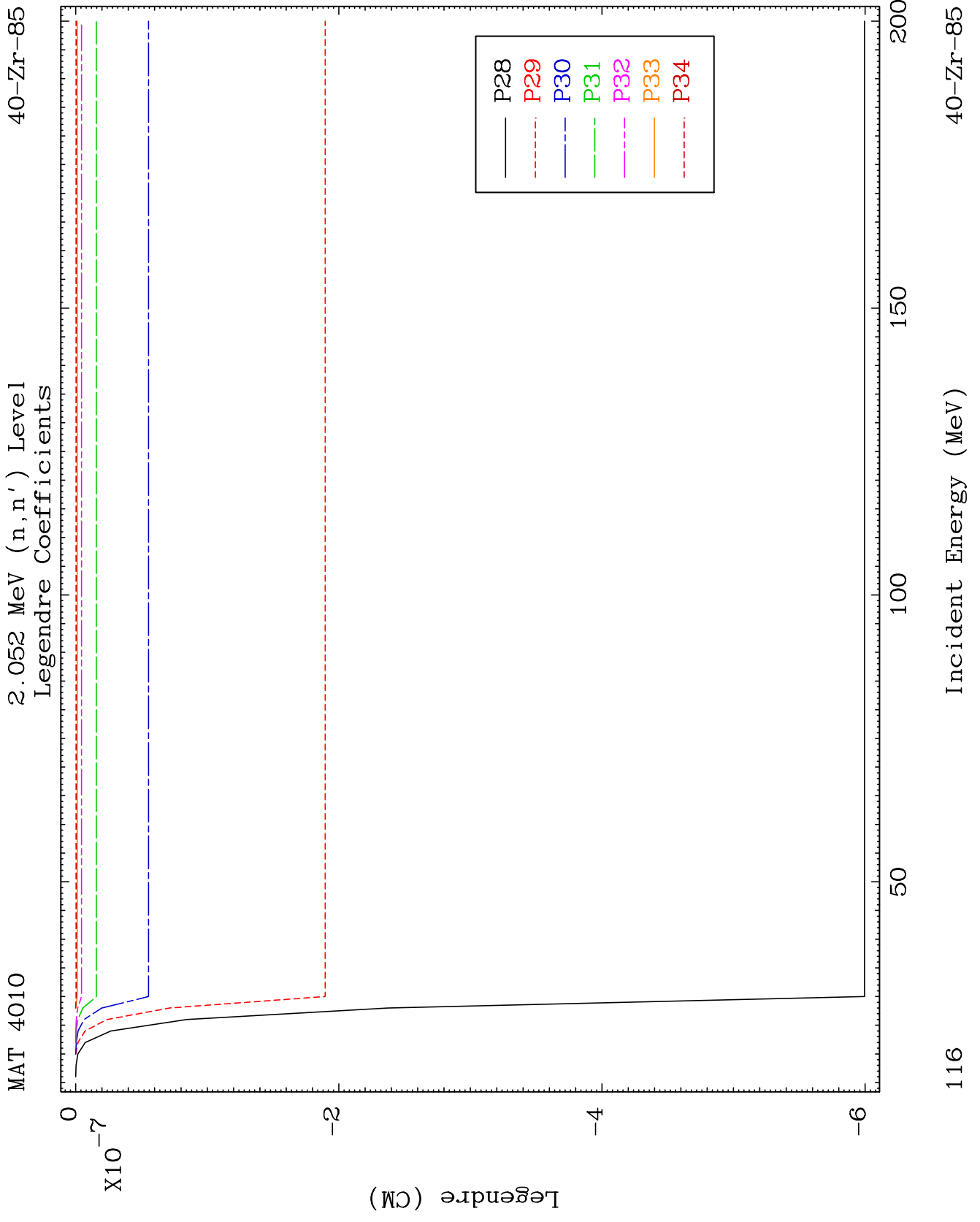


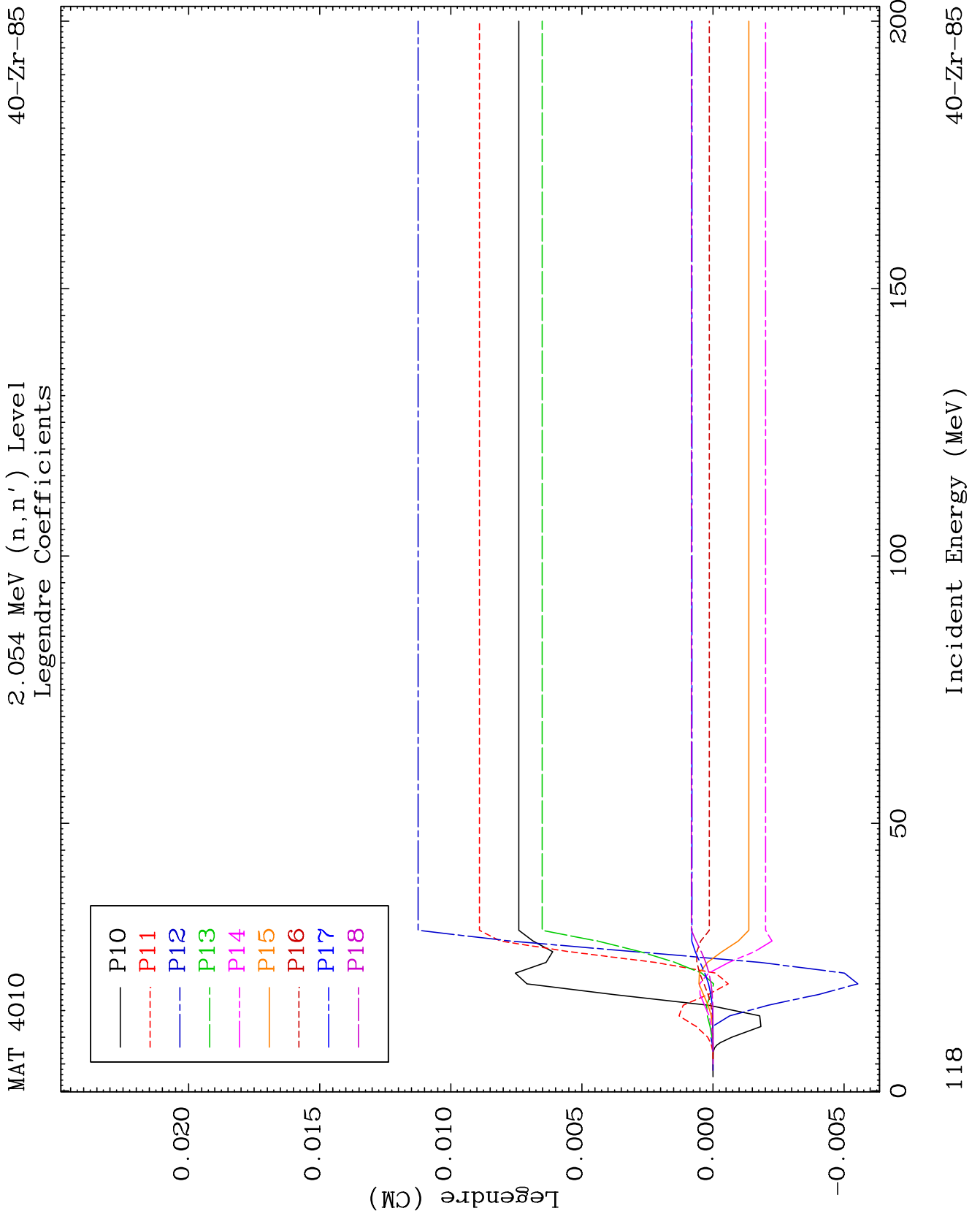


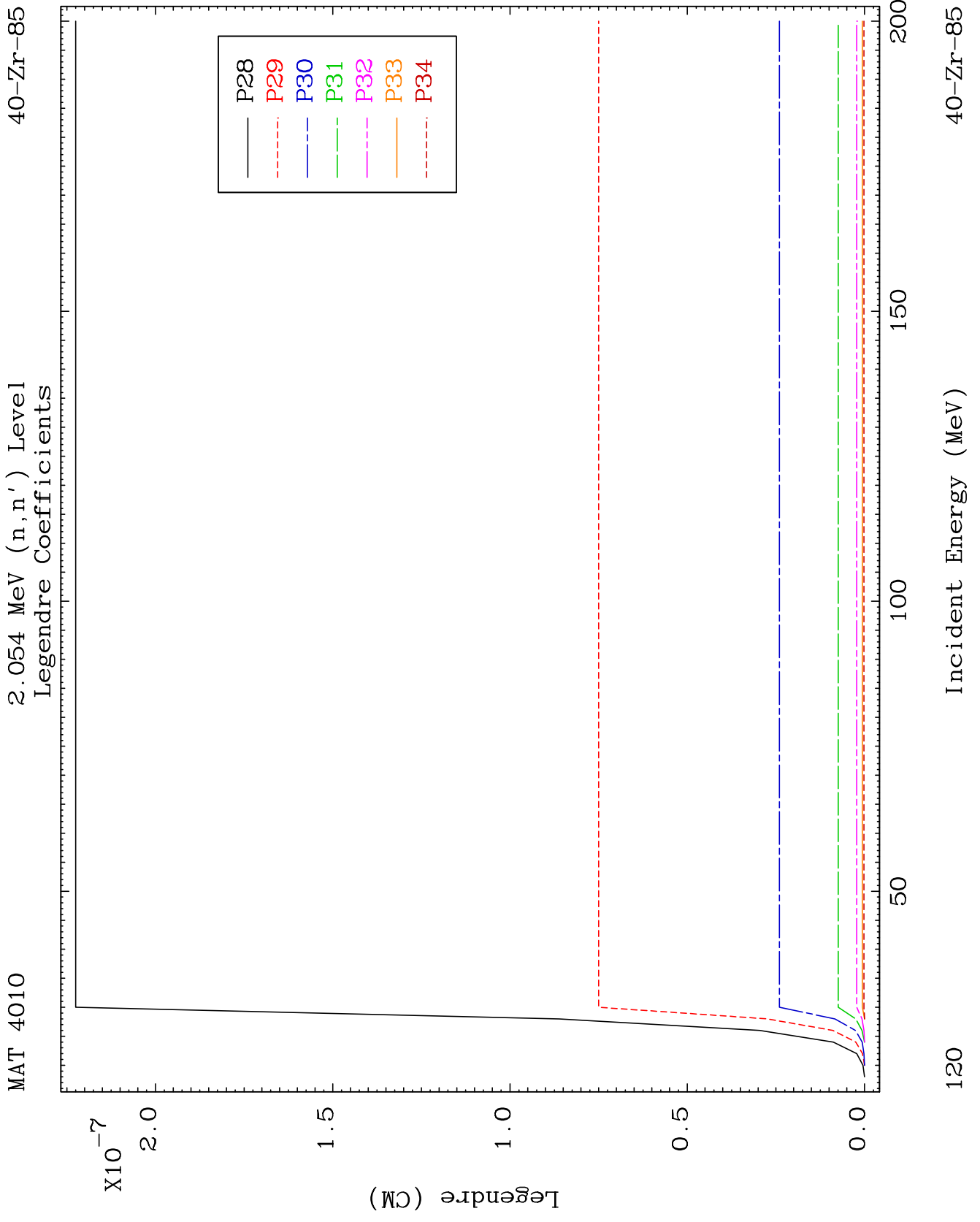


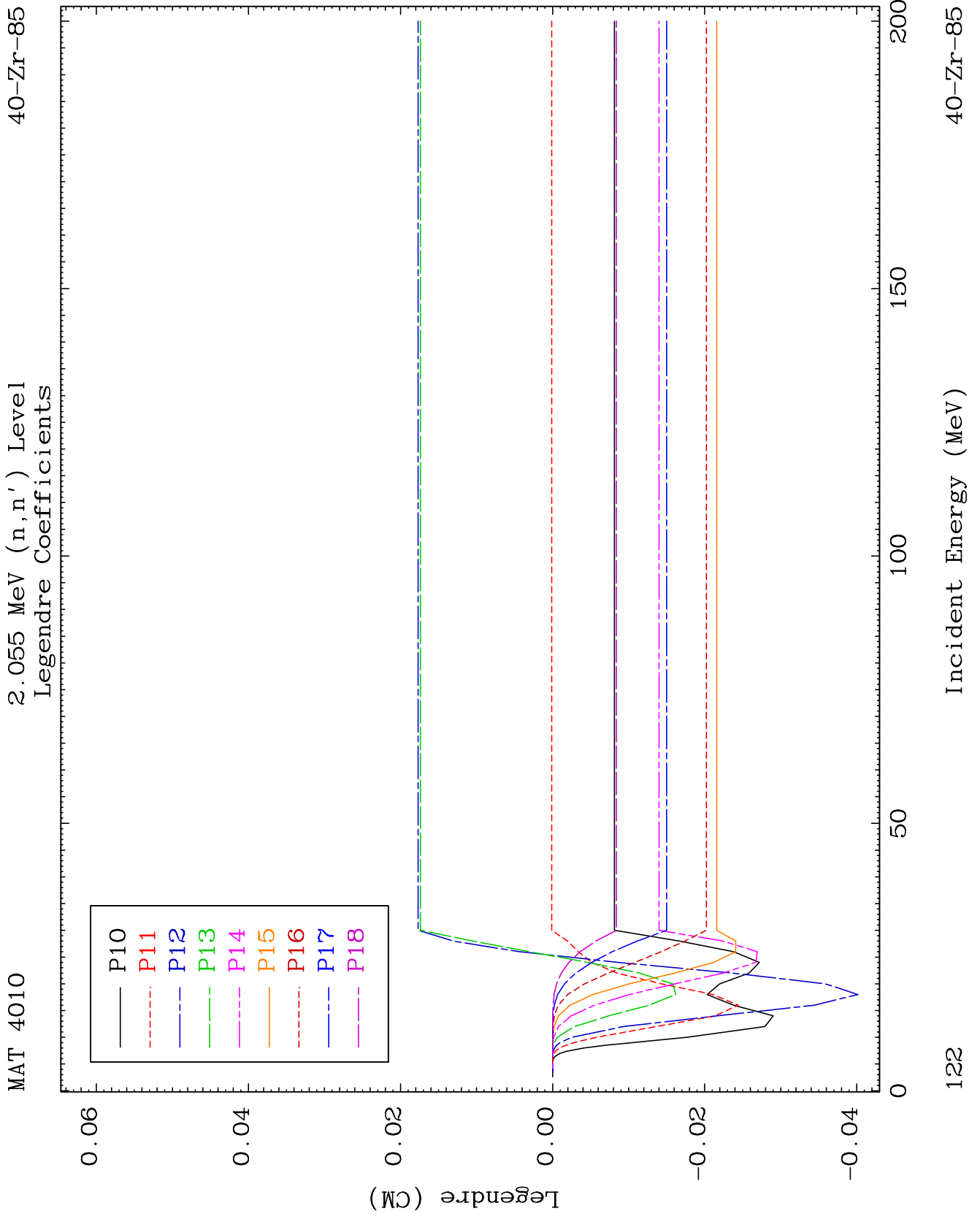


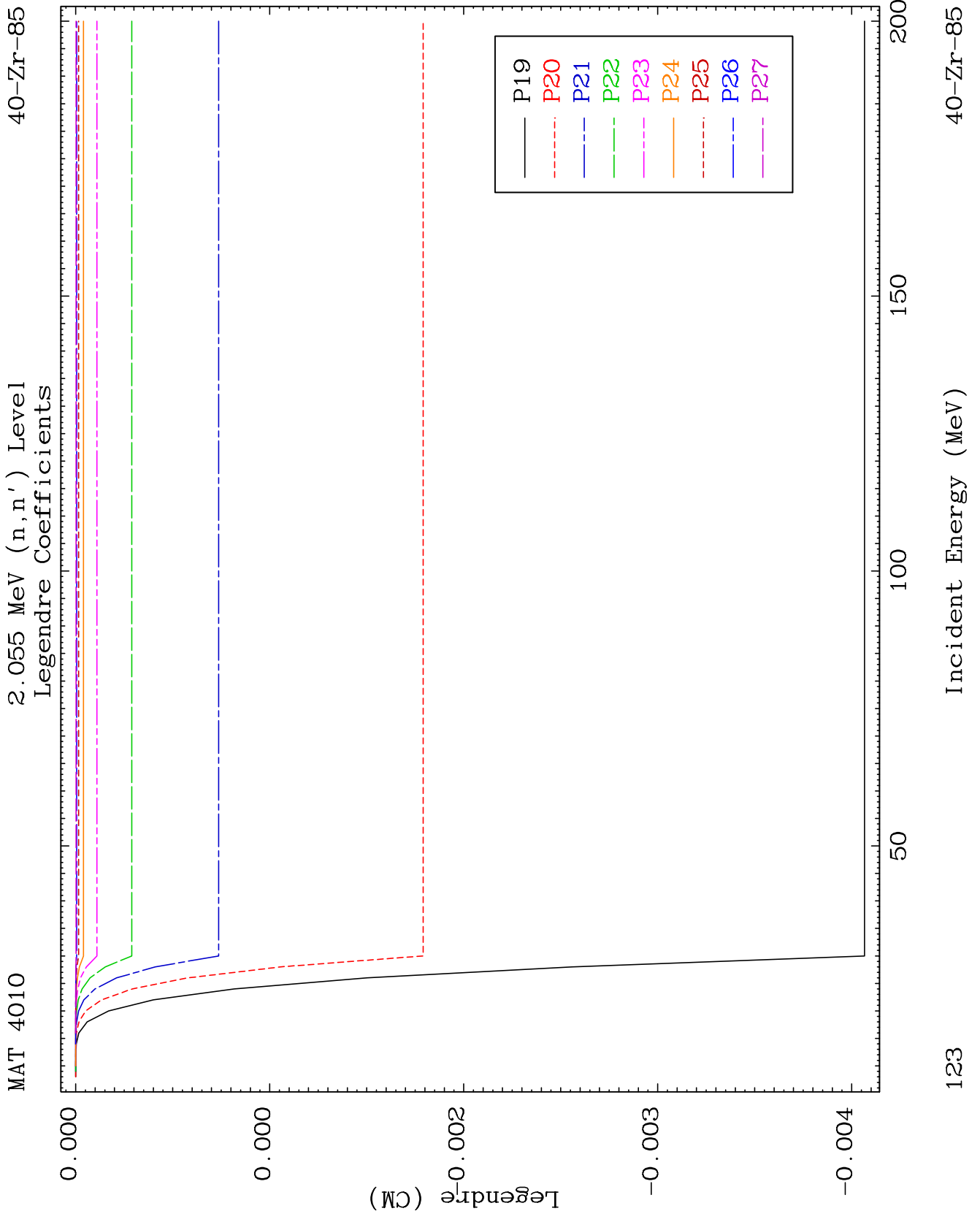


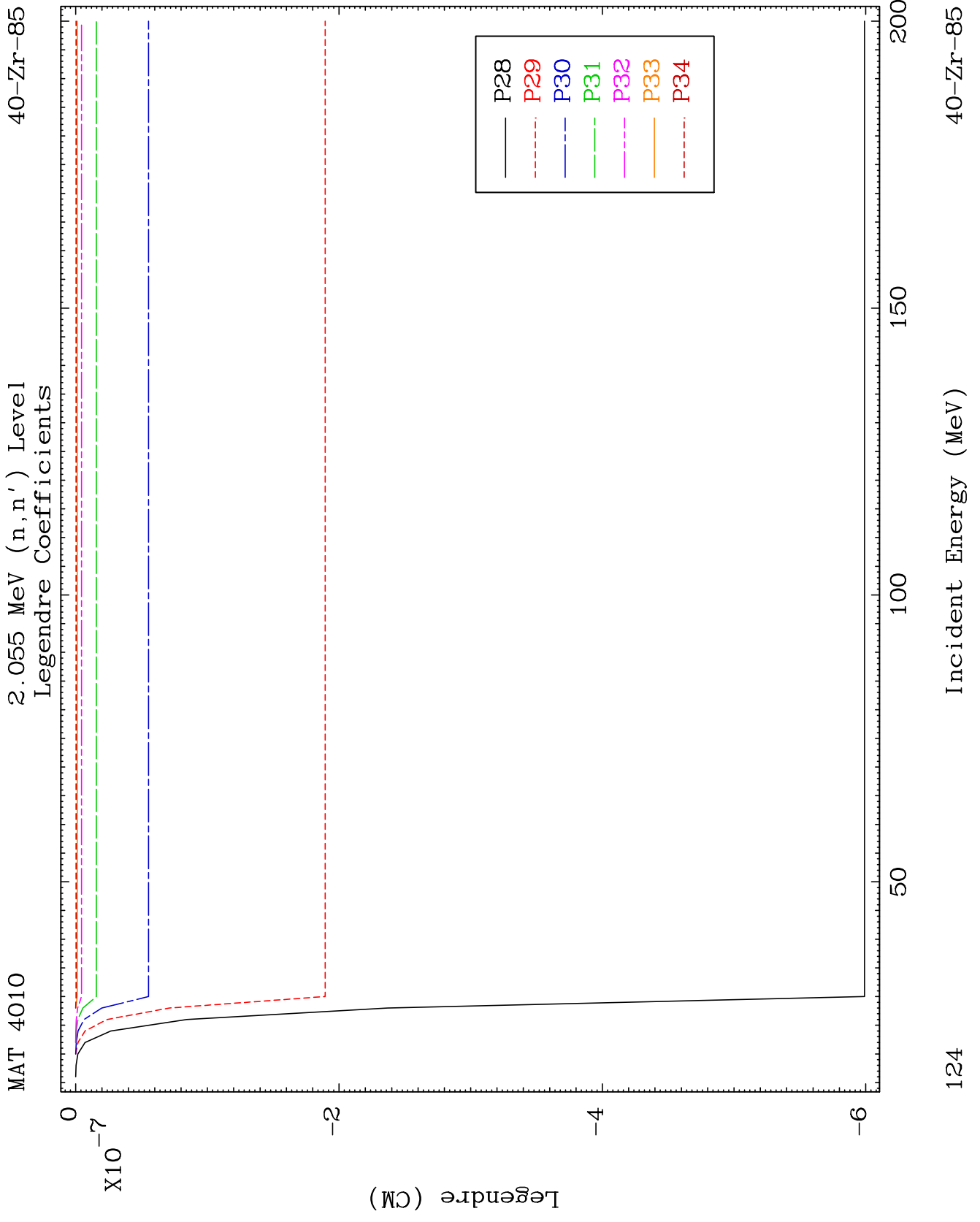


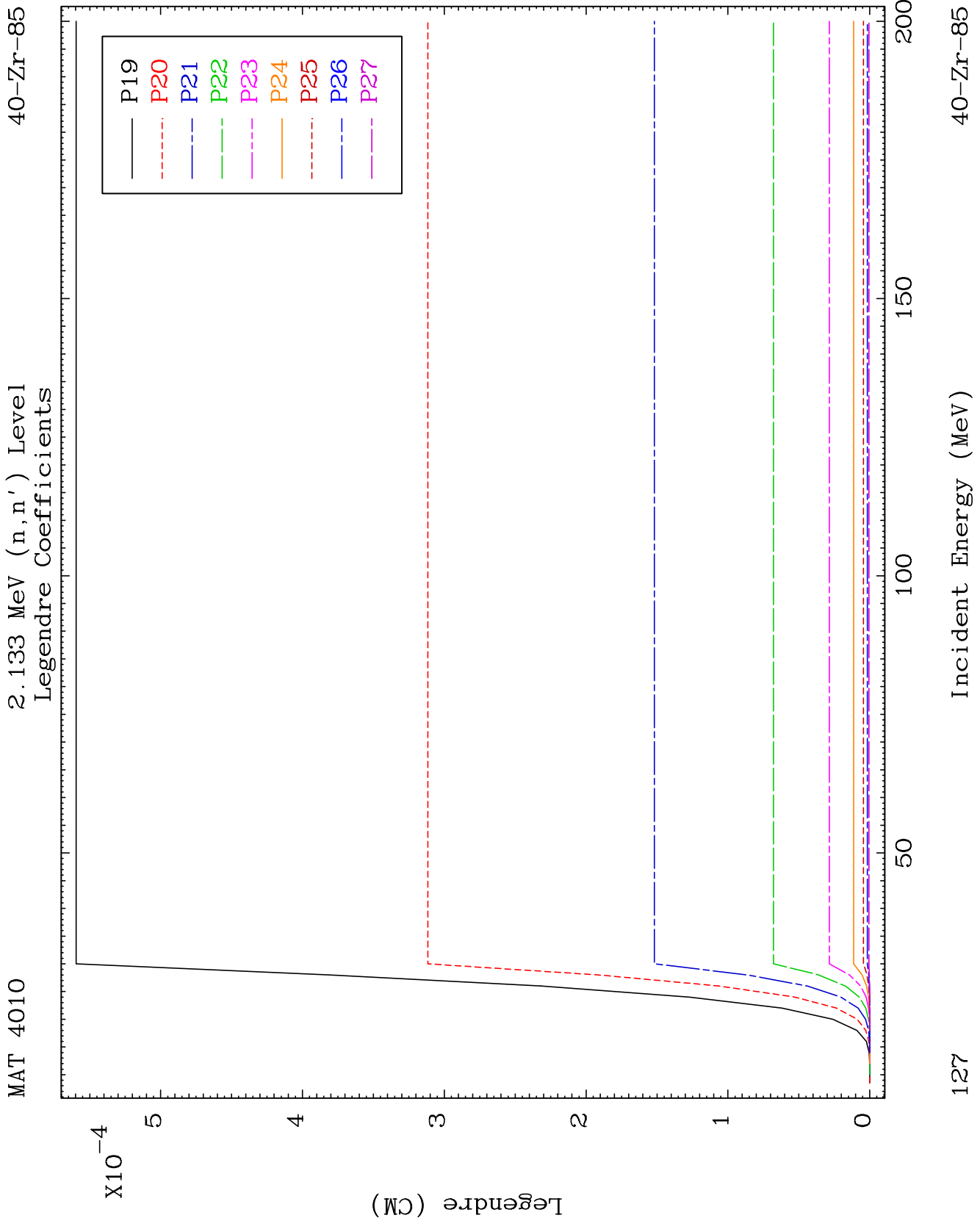


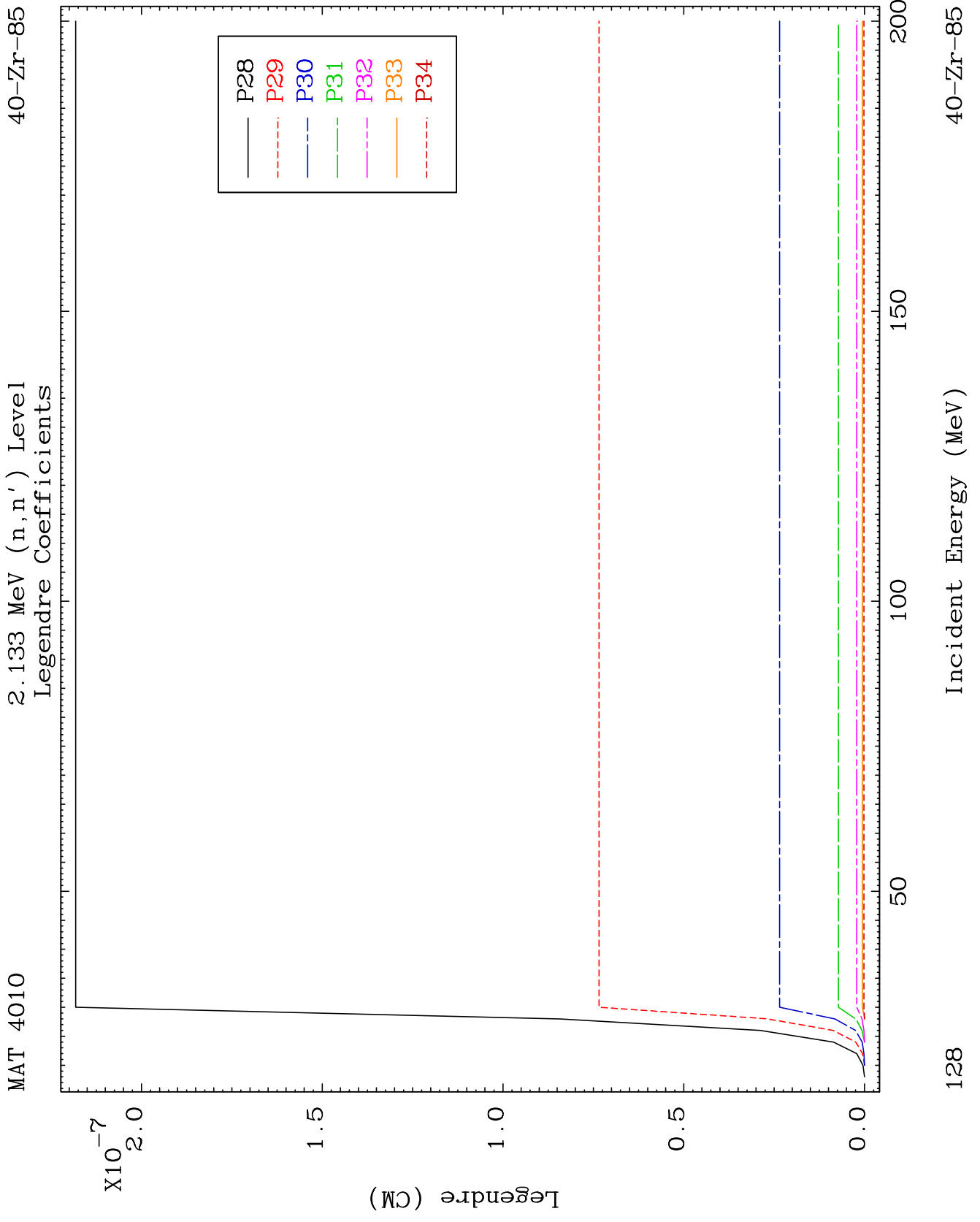




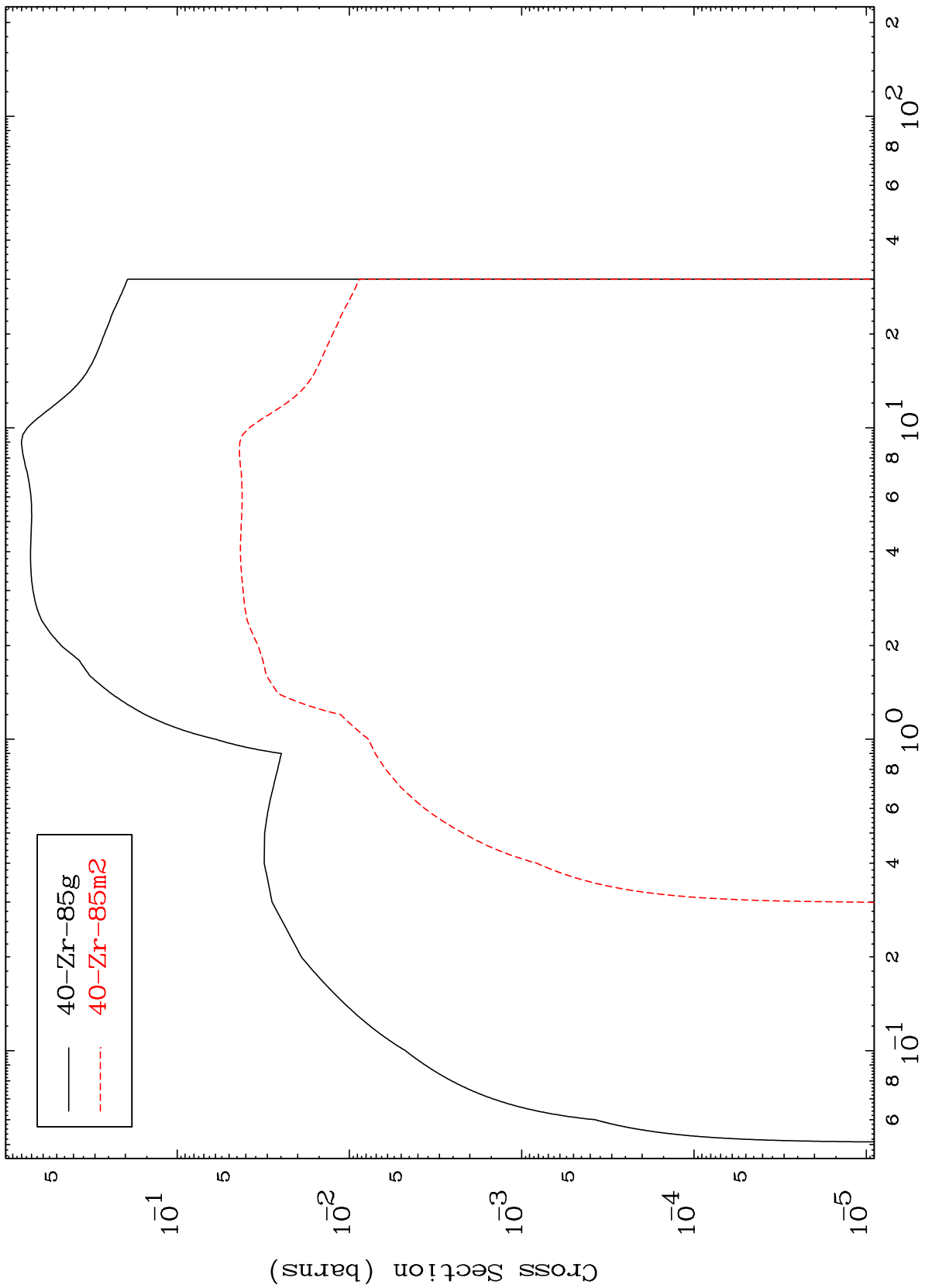








Inelastic
Radionuclide Production Cross Section



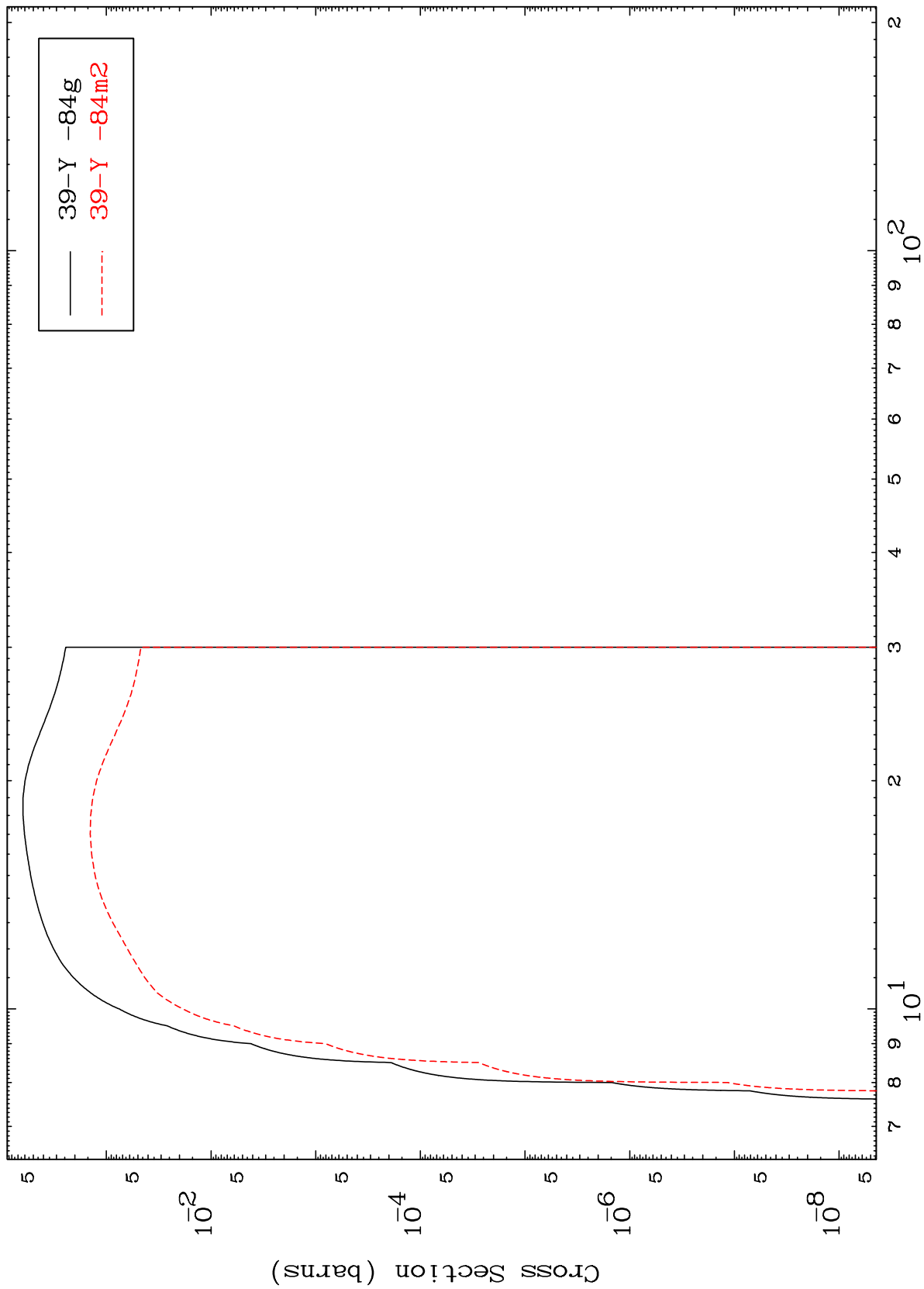
— 40-Zr-85g
- - - 40-Zr-85m2

MAT 4010

(n,n') p

40-Zr-85

Radionuclide Production Cross Section



130

Incident Energy (MeV)

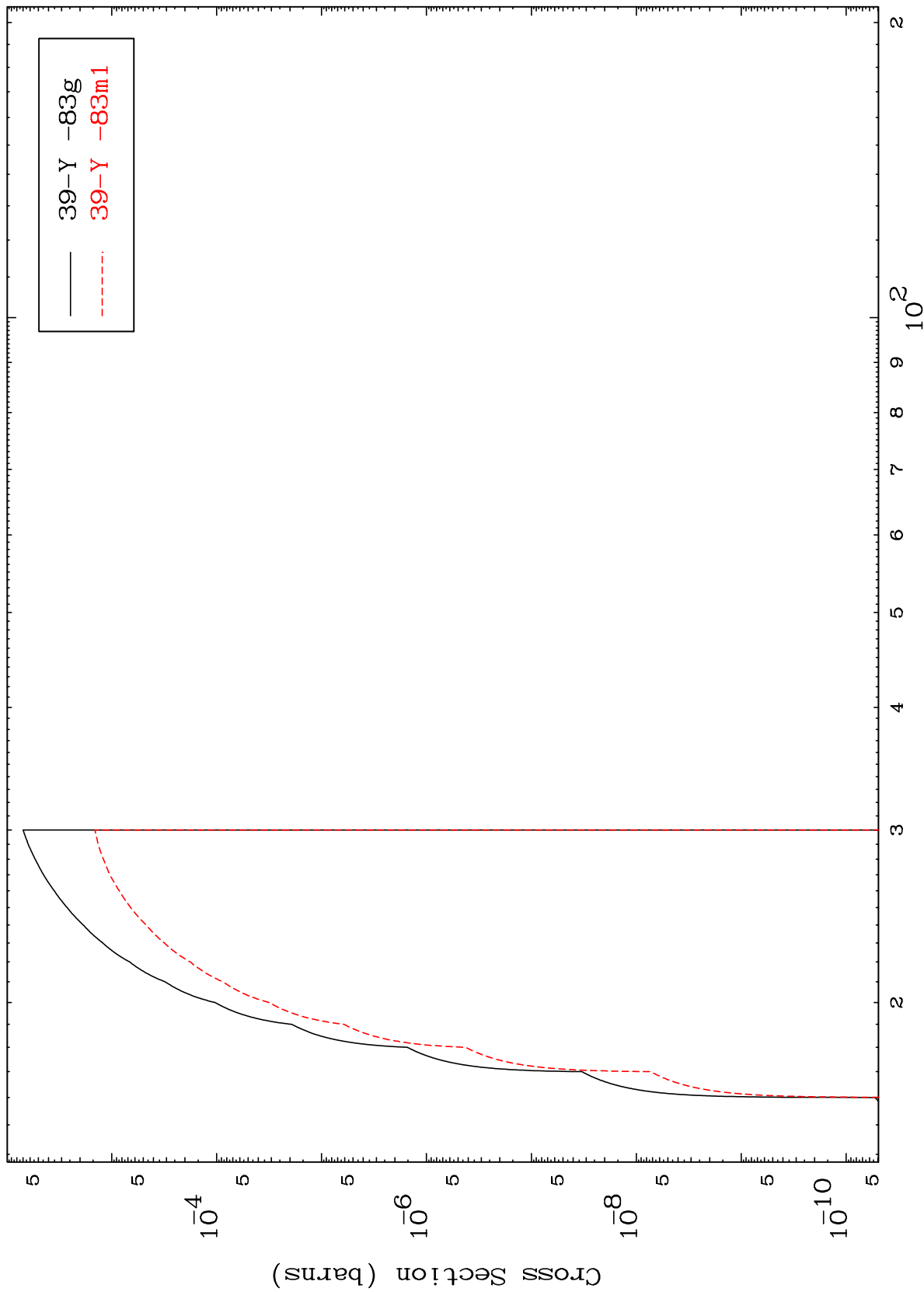
40-Zr-85

MAT 4010

(n,n') d

40-Zr-85

Radionuclide Production Cross Section

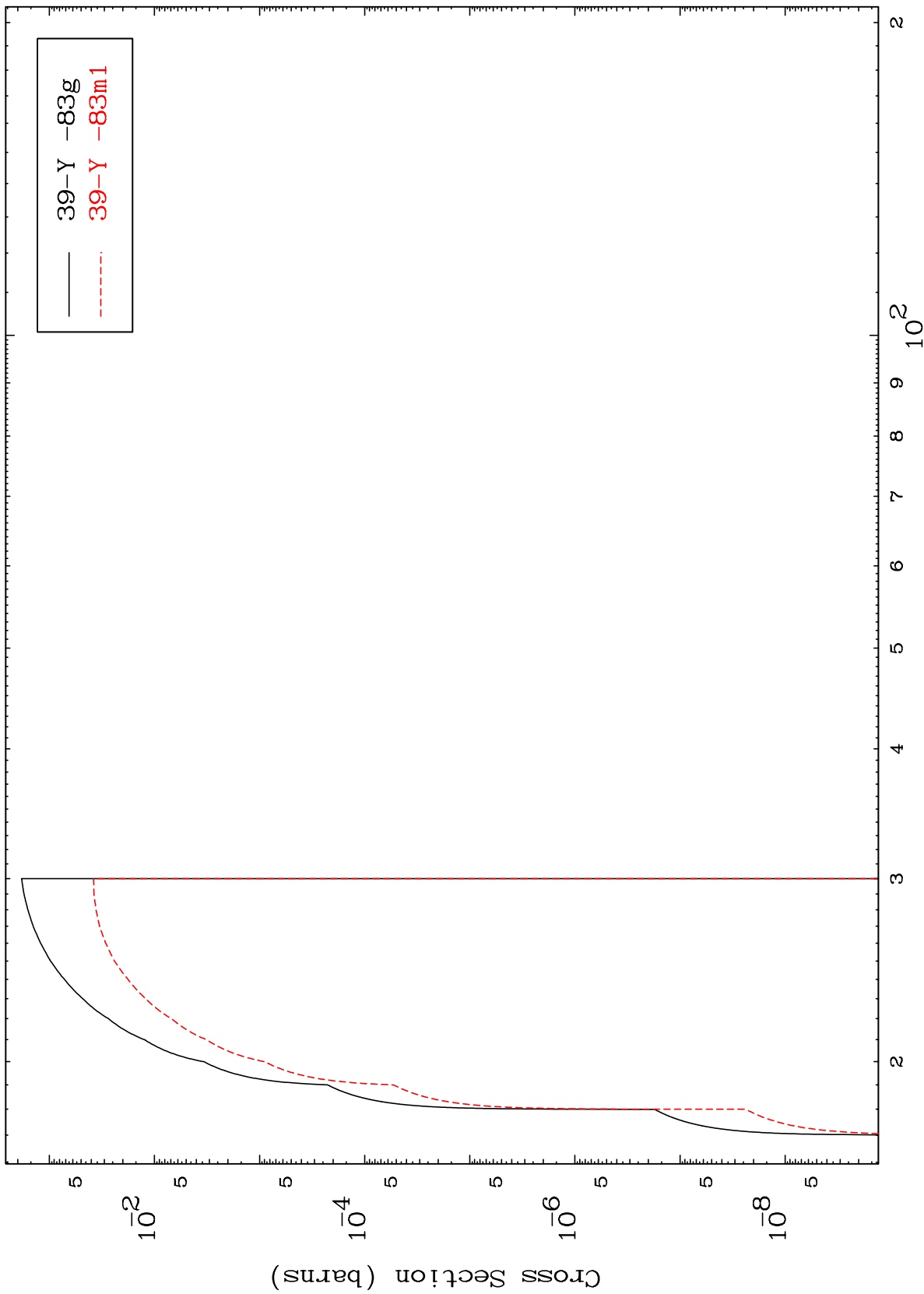


131

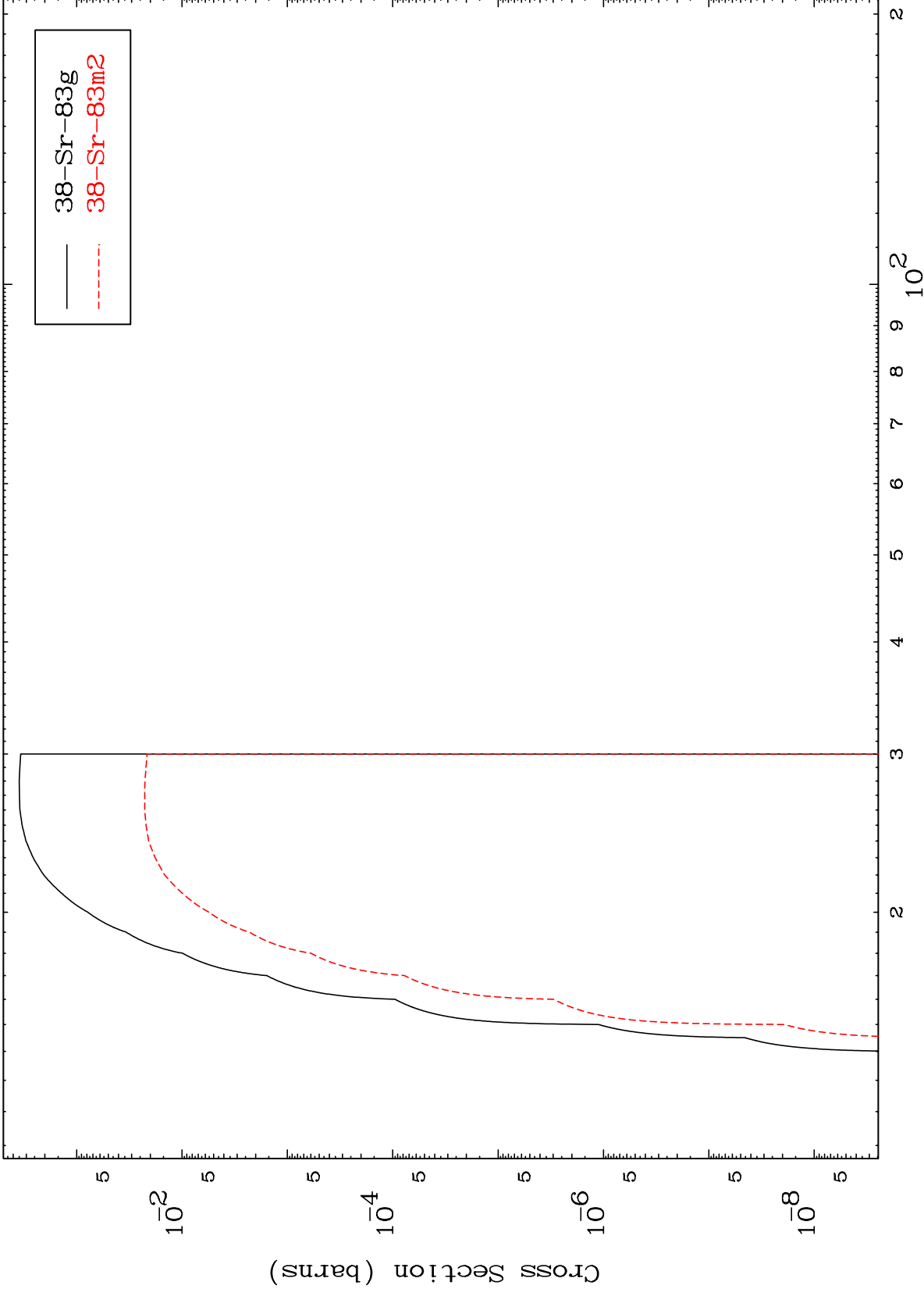
Incident Energy (MeV)

40-Zr-85

Radionuclide Production Cross Section



Radionuclide Production Cross Section

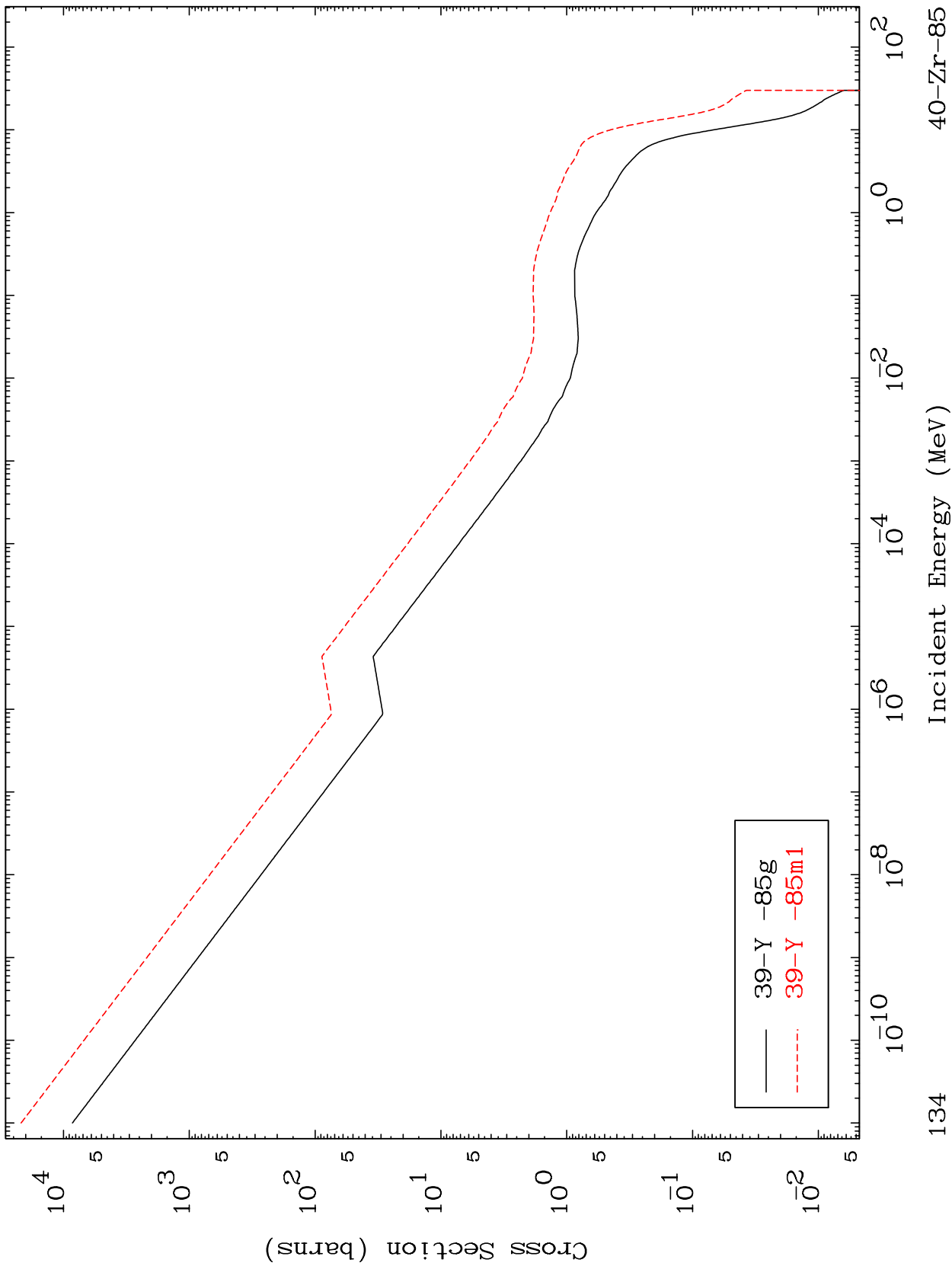


38-Sr-83g
38-Sr-83m2

MAT 4010

40-Zr-85

(n,p)
Radionuclide Production Cross Section

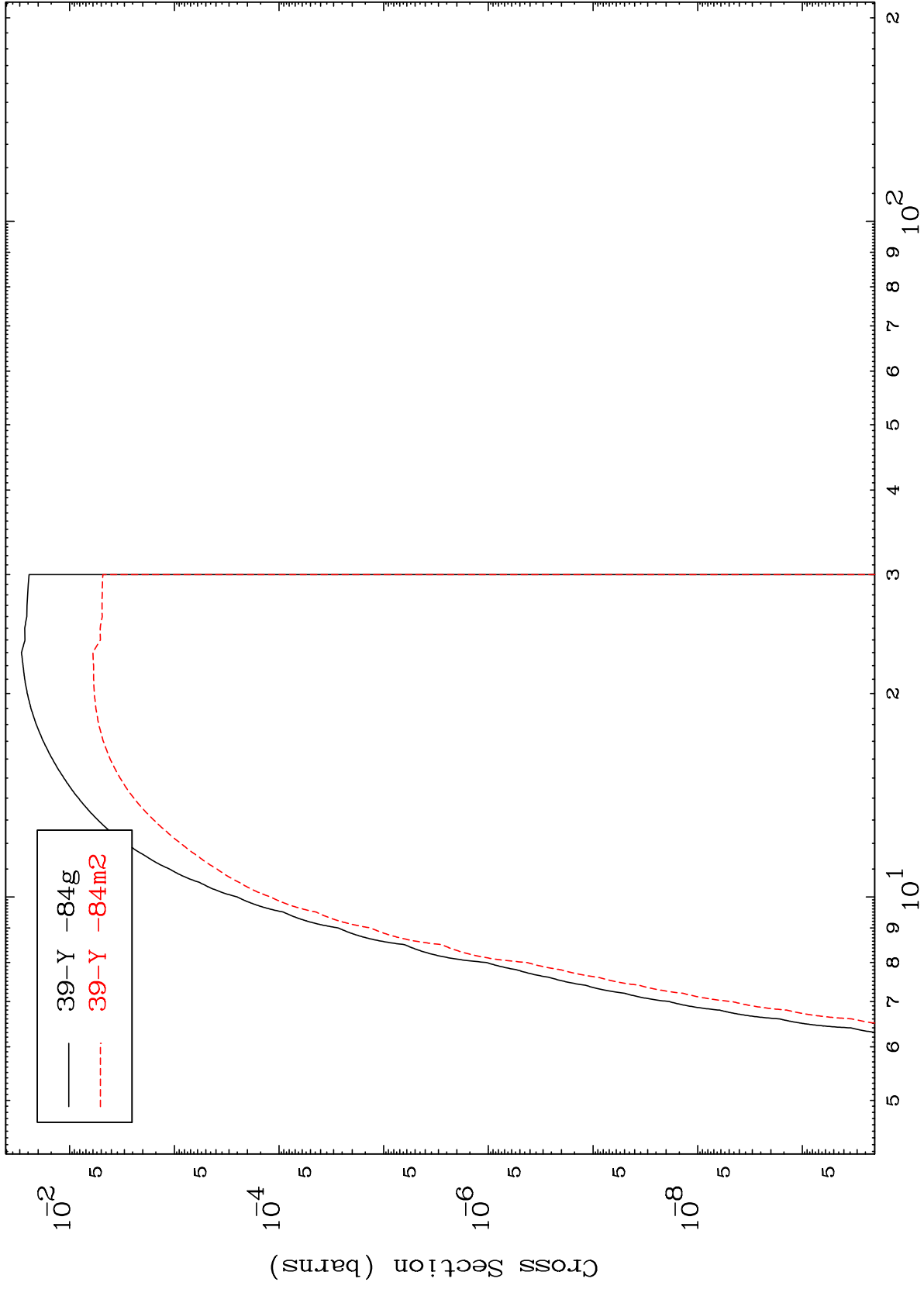


— 39-Y -85g
- - - 39-Y -85m1

MAT 4010

40-Zr-85

(n,d)
Radionuclide Production Cross Section



135

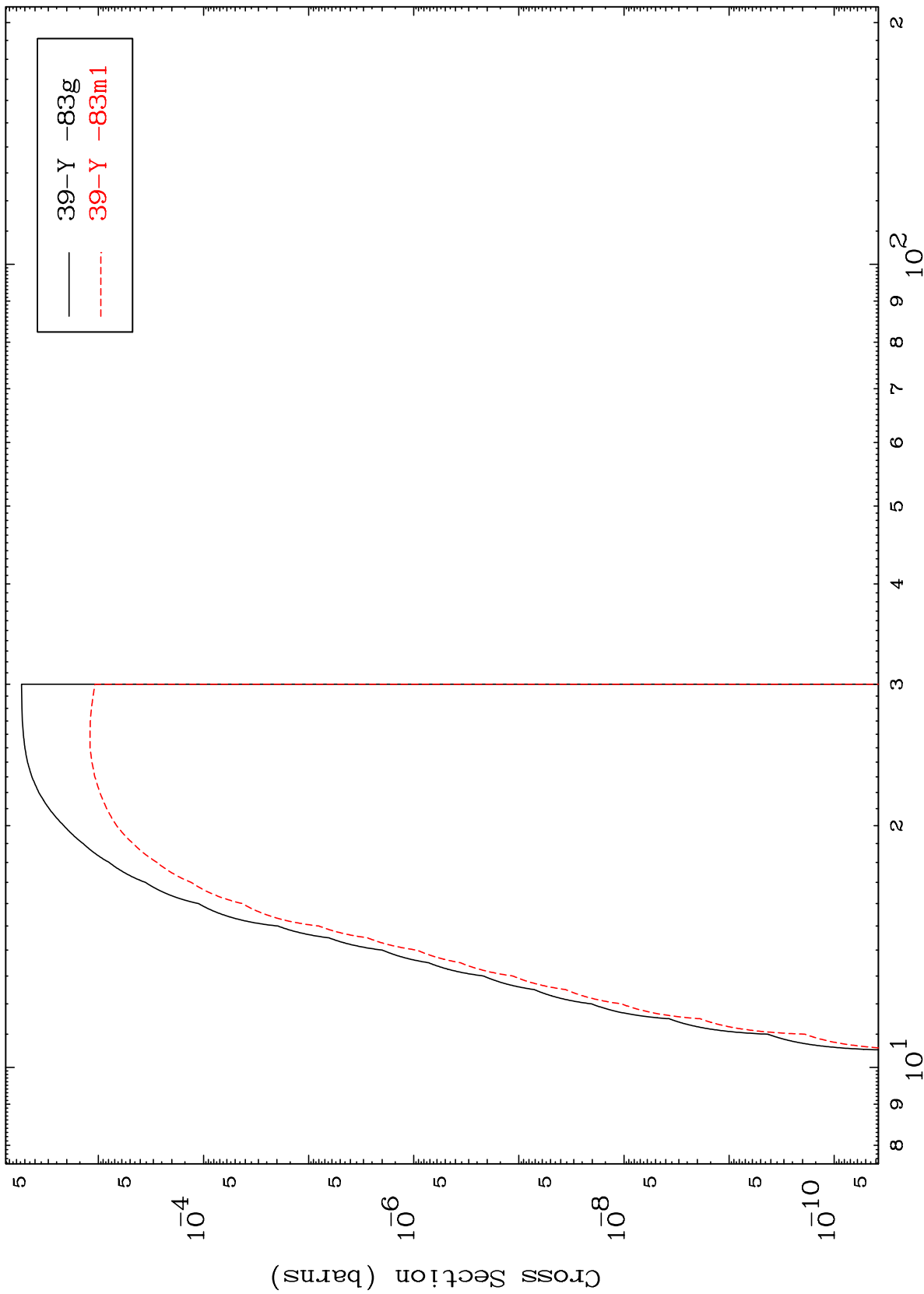
Incident Energy (MeV)

40-Zr-85

MAT 4010

40-Zr-85

(n,t)
Radionuclide Production Cross Section



136

Incident Energy (MeV)

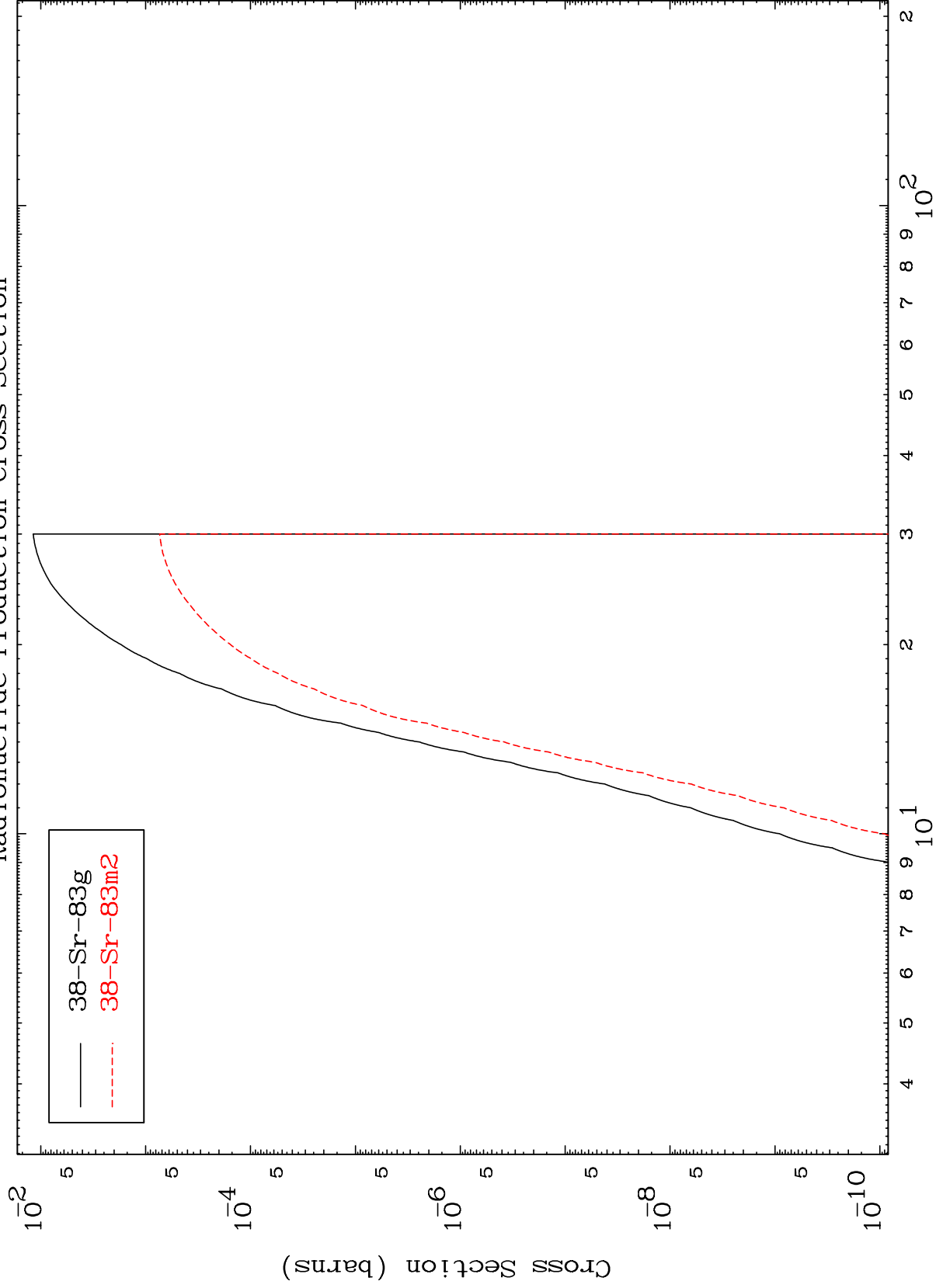
40-Zr-85

MAT 4010

(n,He-3)

40-Zr-85

Radionuclide Production Cross Section



38-Sr-83g
38-Sr-83m2

137

Incident Energy (MeV)

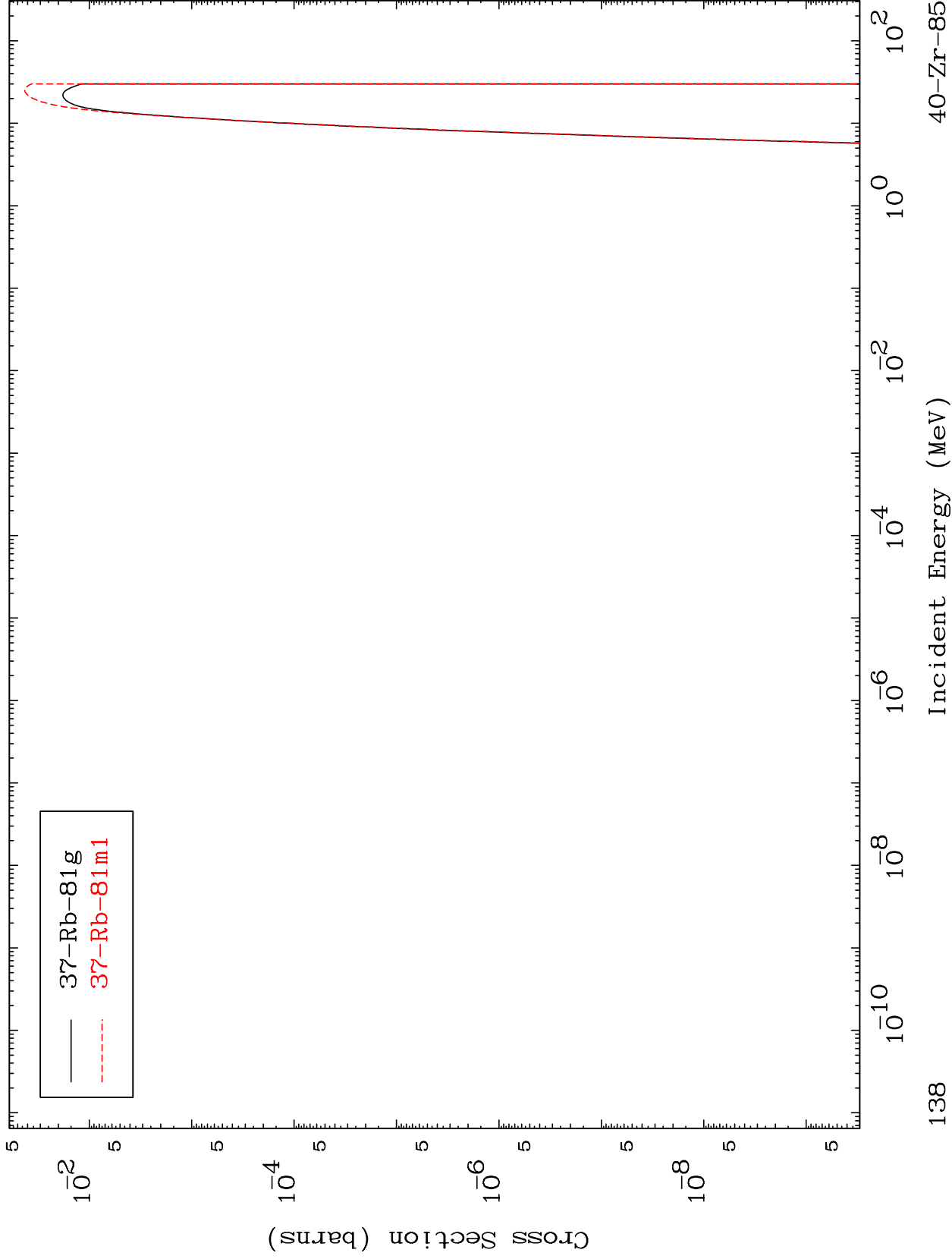
40-Zr-85

MAT 4010

(n,p) α

40-Zr-85

Radionuclide Production Cross Section

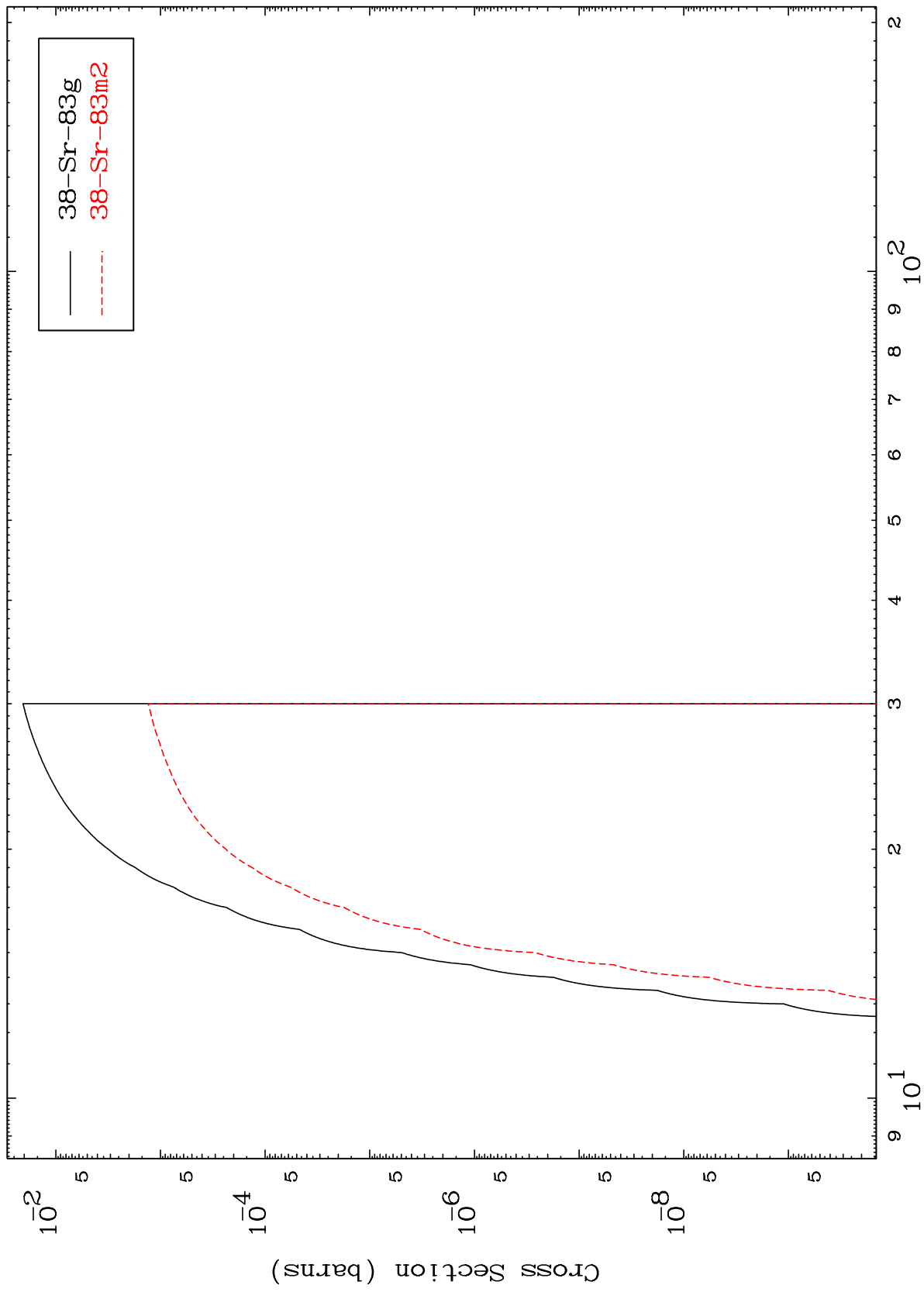


MAT 4010

(n,p) d

40-Zr-85

Radionuclide Production Cross Section



139

Incident Energy (MeV)

40-Zr-85