

Program EVALPLOT
(Version 2015-2)

by

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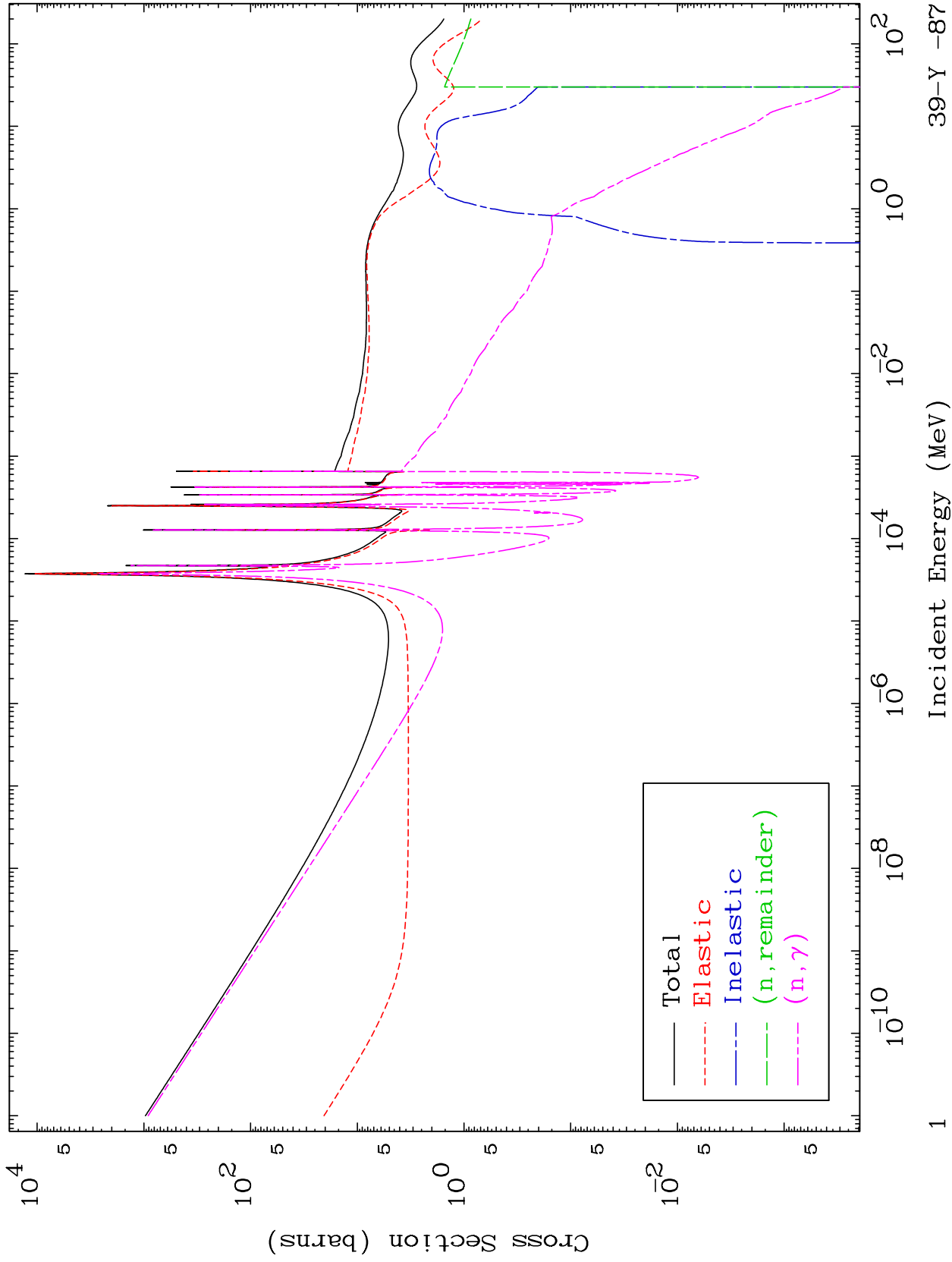
Press Mouse Button to Start

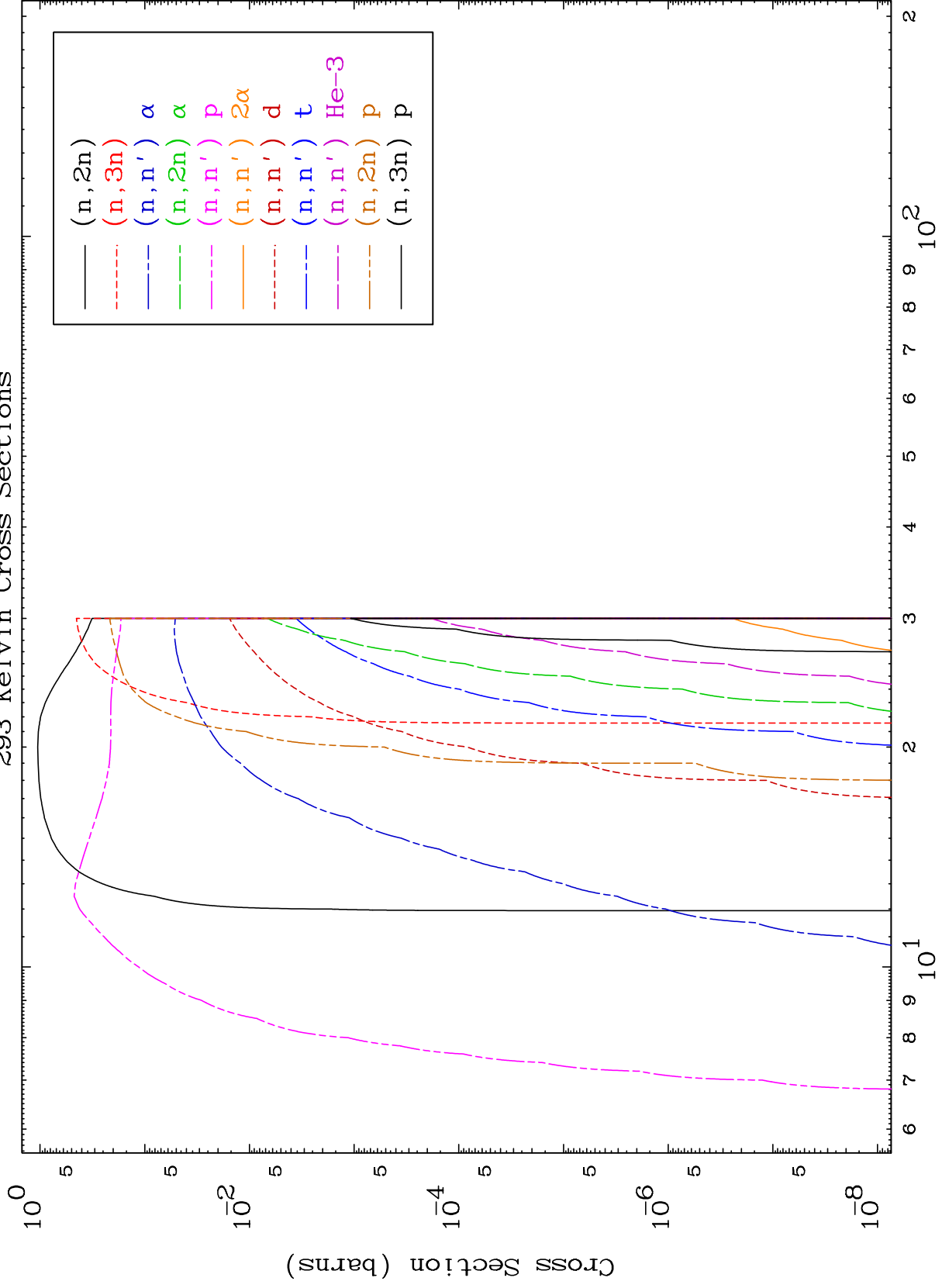
MAT 3919

Major

293 Kelvin Cross Sections

39-Y -87

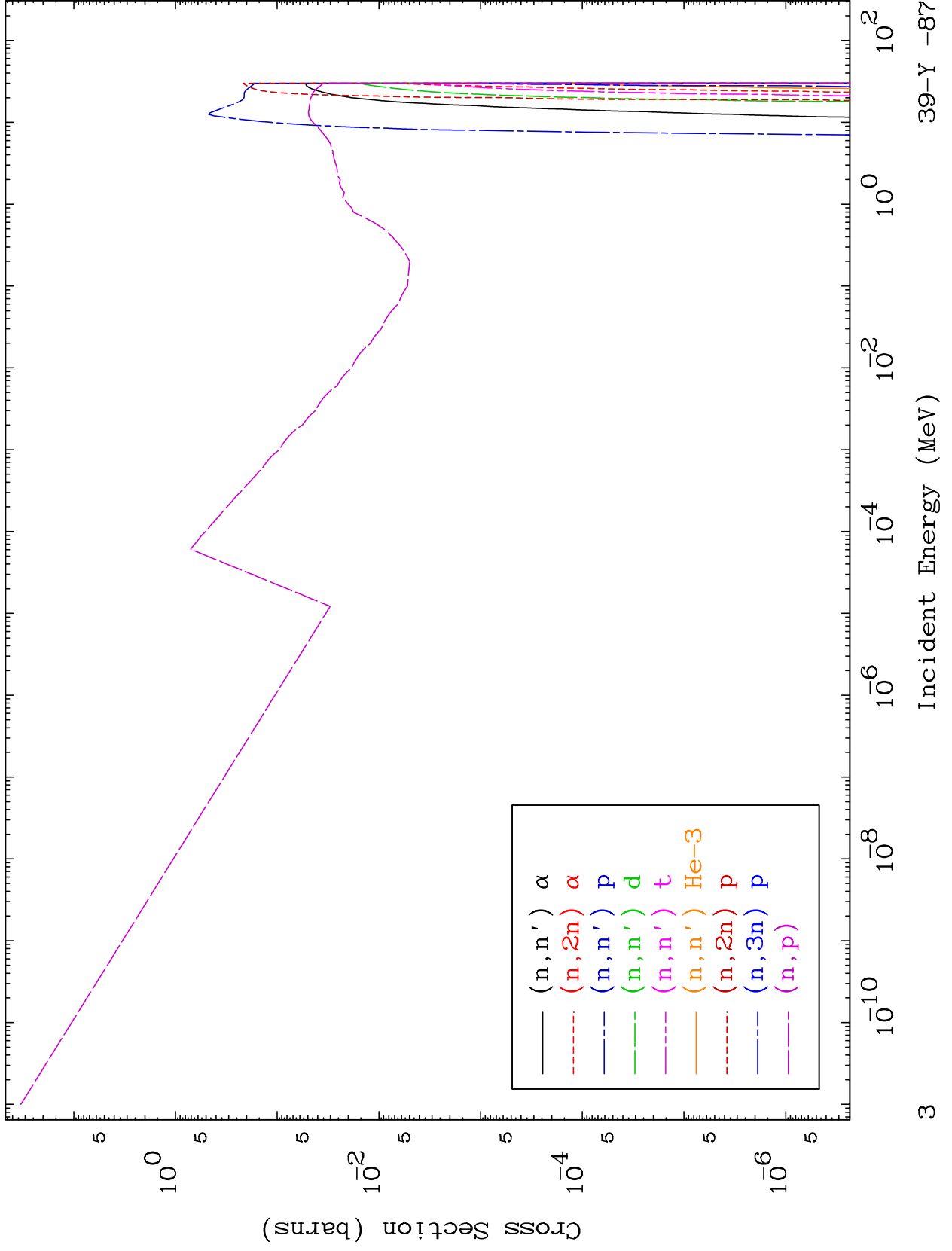




MAT 3919

Charged Particle
293 Kelvin Cross Sections

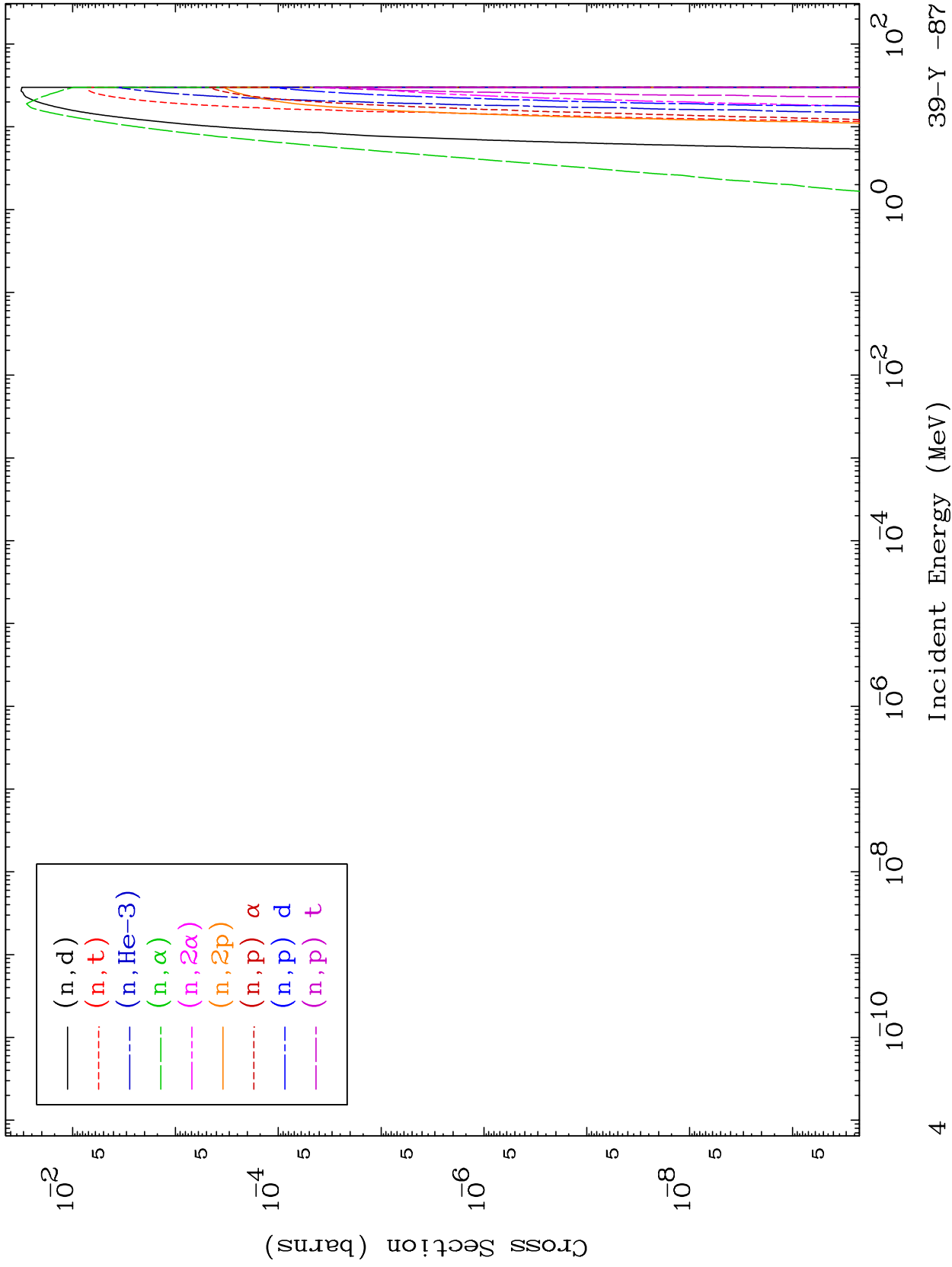
39-Y -87



MAT 3919

Charged Particle
293 Kelvin Cross Sections

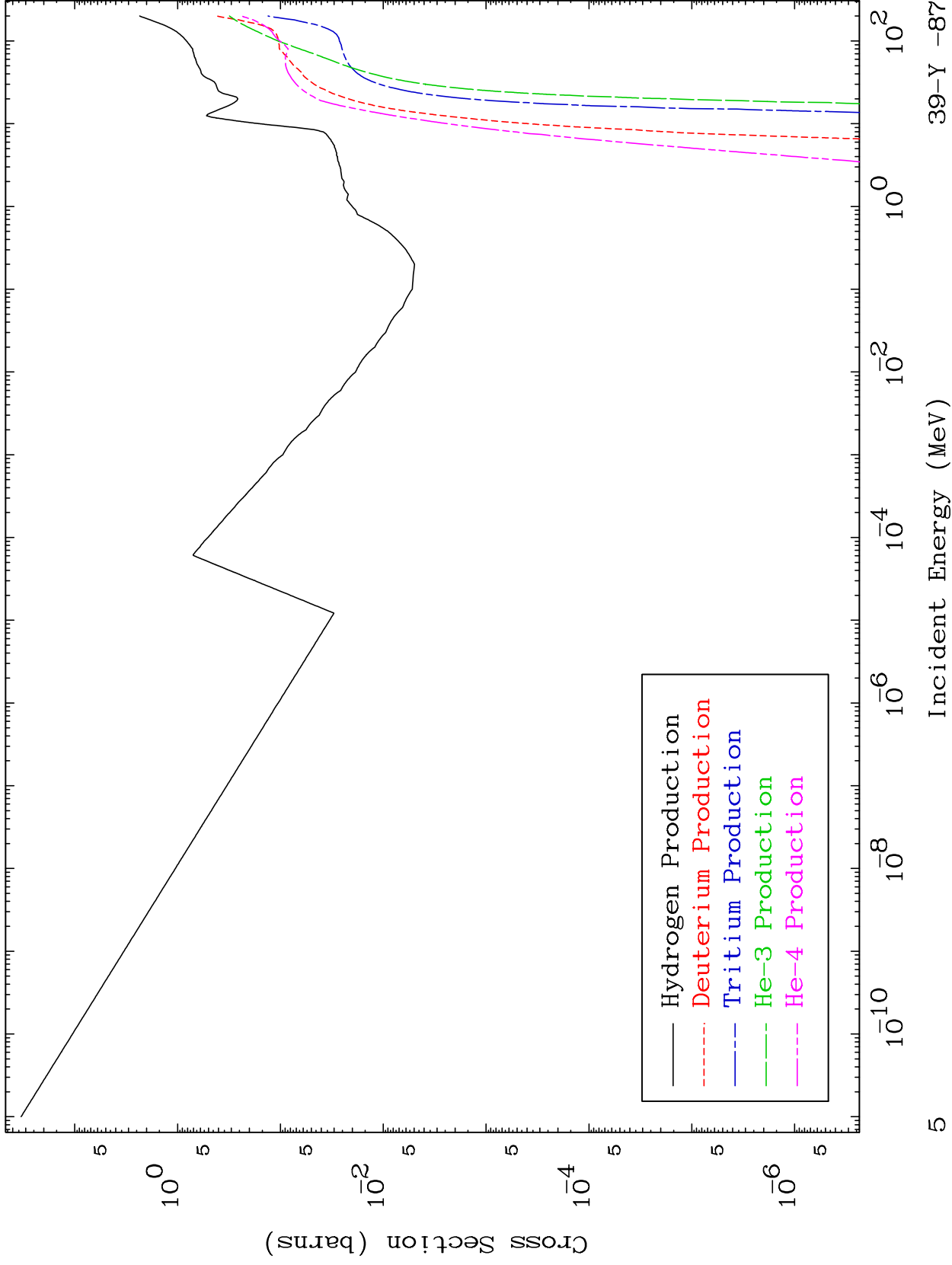
39-Y -87



MAT 3919

Particle Production
293 Kelvin Cross Sections

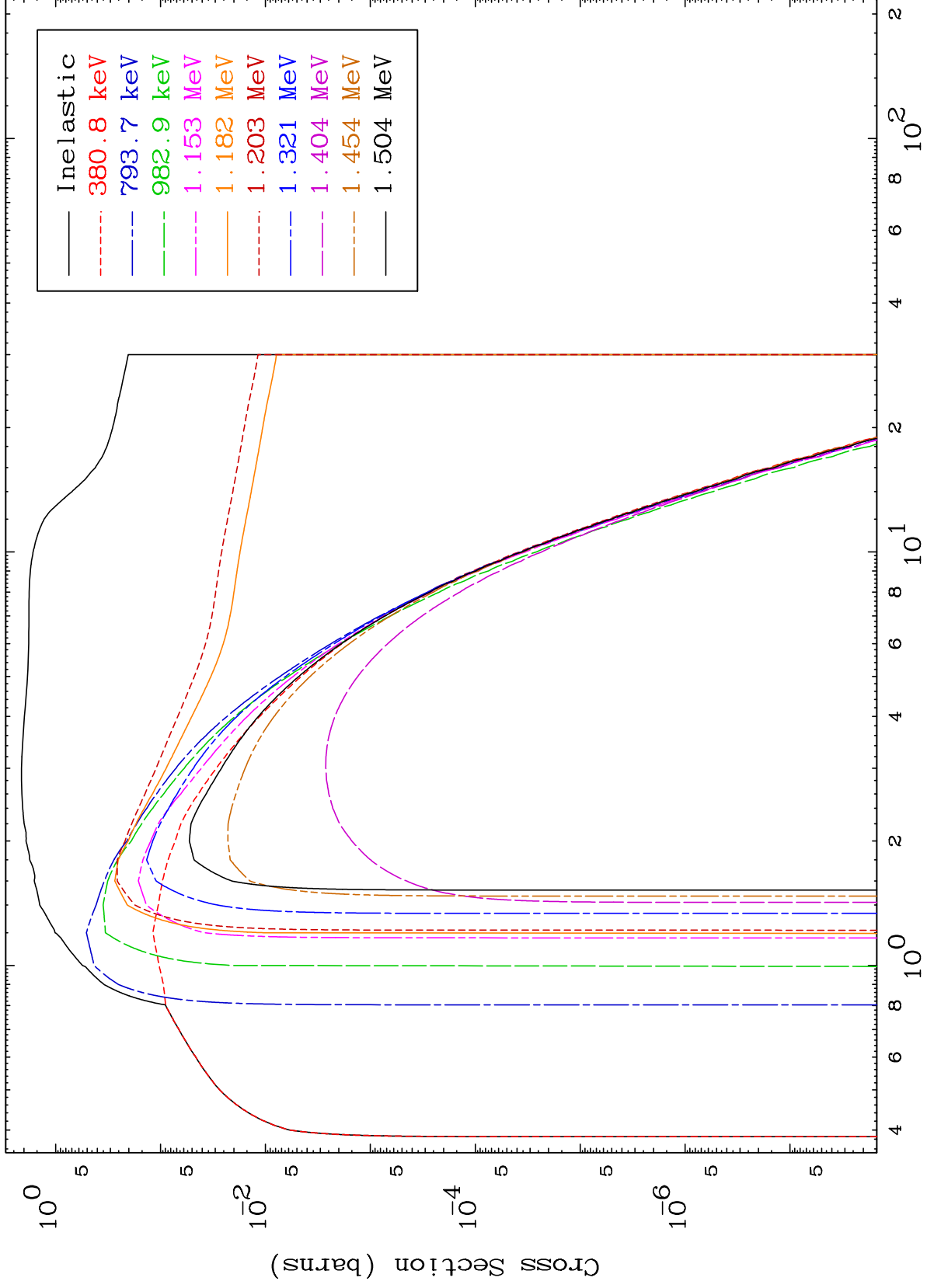
39-Y -87



MAT 3919

(n,n') Level
293 Kelvin Cross Sections

39-Y -87



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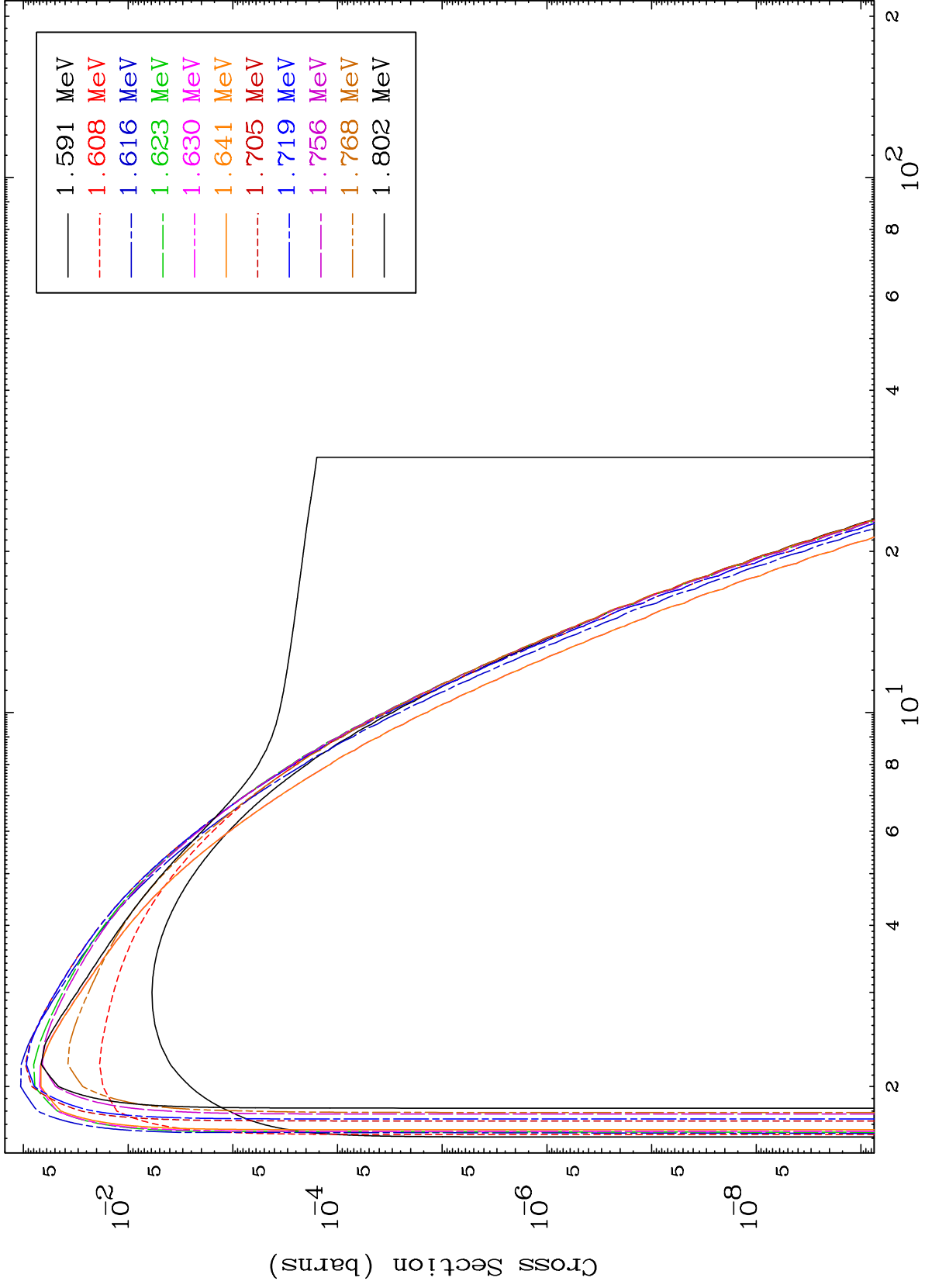
Incident Energy (MeV)

39-Y -87

MAT 3919

(n,n') Level
293 Kelvin Cross Sections

39-Y -87



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Incident Energy (MeV)

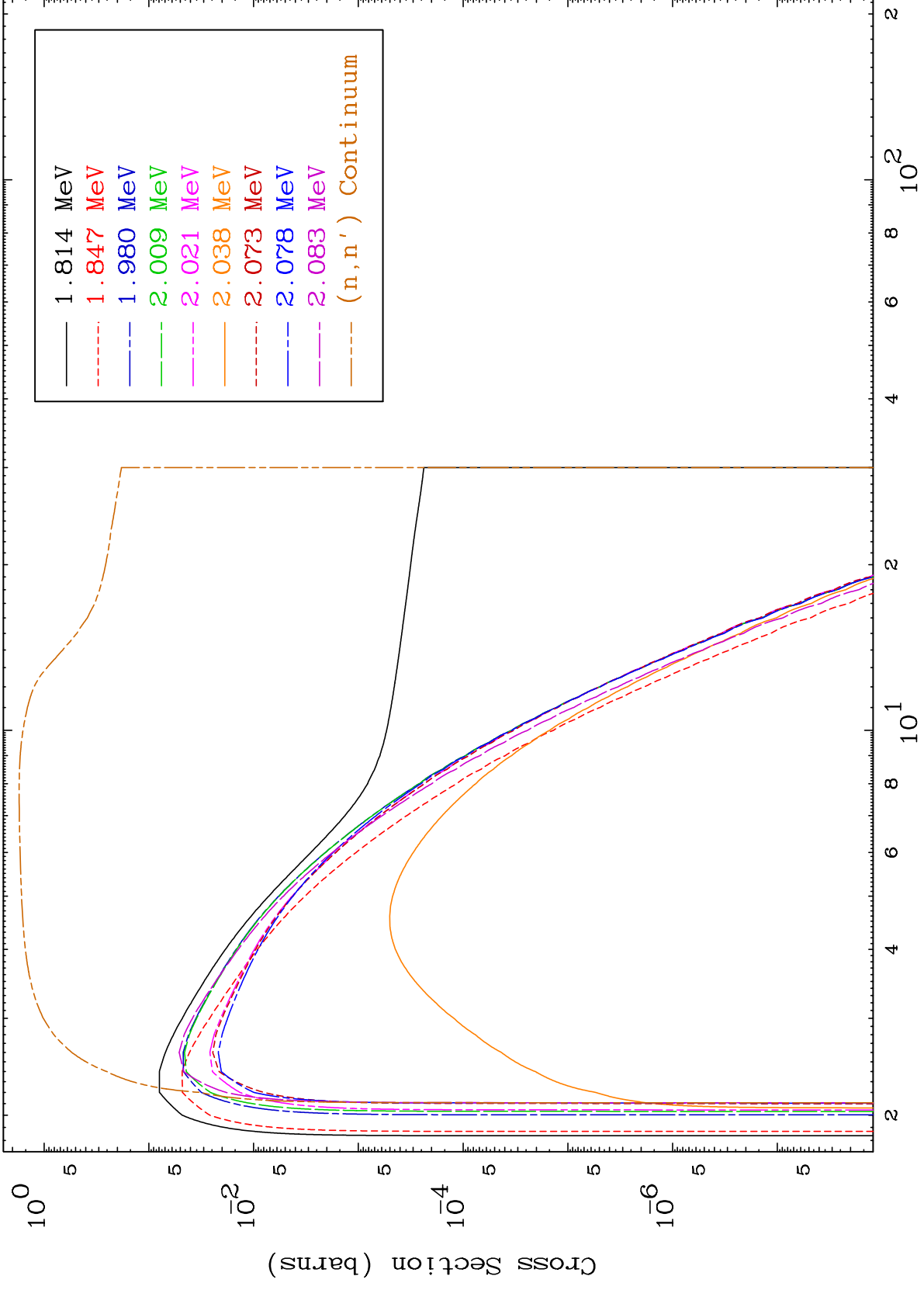
39-Y -87

MAT 3919

(n,n') Level

39-Y -87

293 Kelvin Cross Sections



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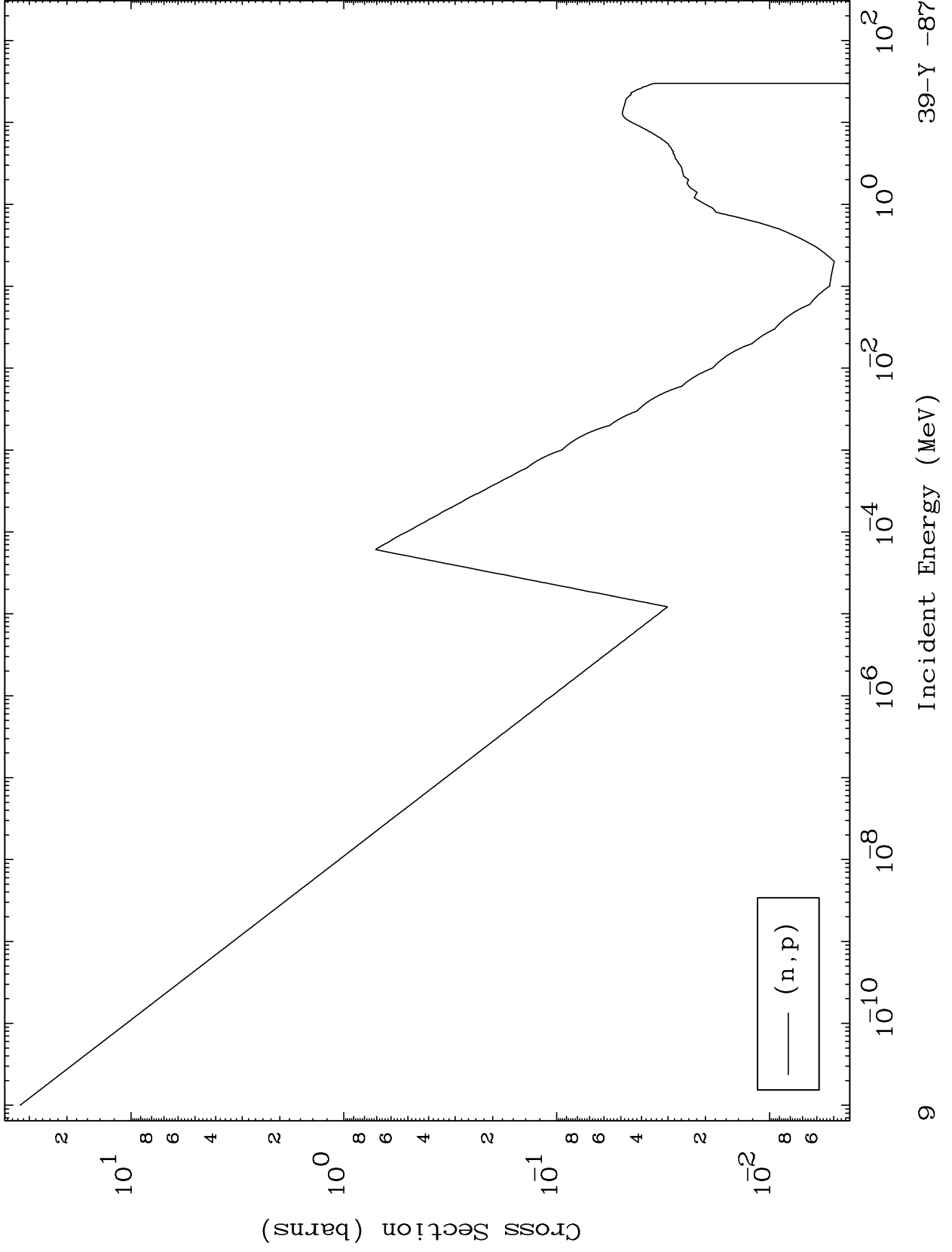
Incident Energy (MeV)

39-Y -87

MAT 3919

(n,p) Levels
293 Kelvin Cross Sections

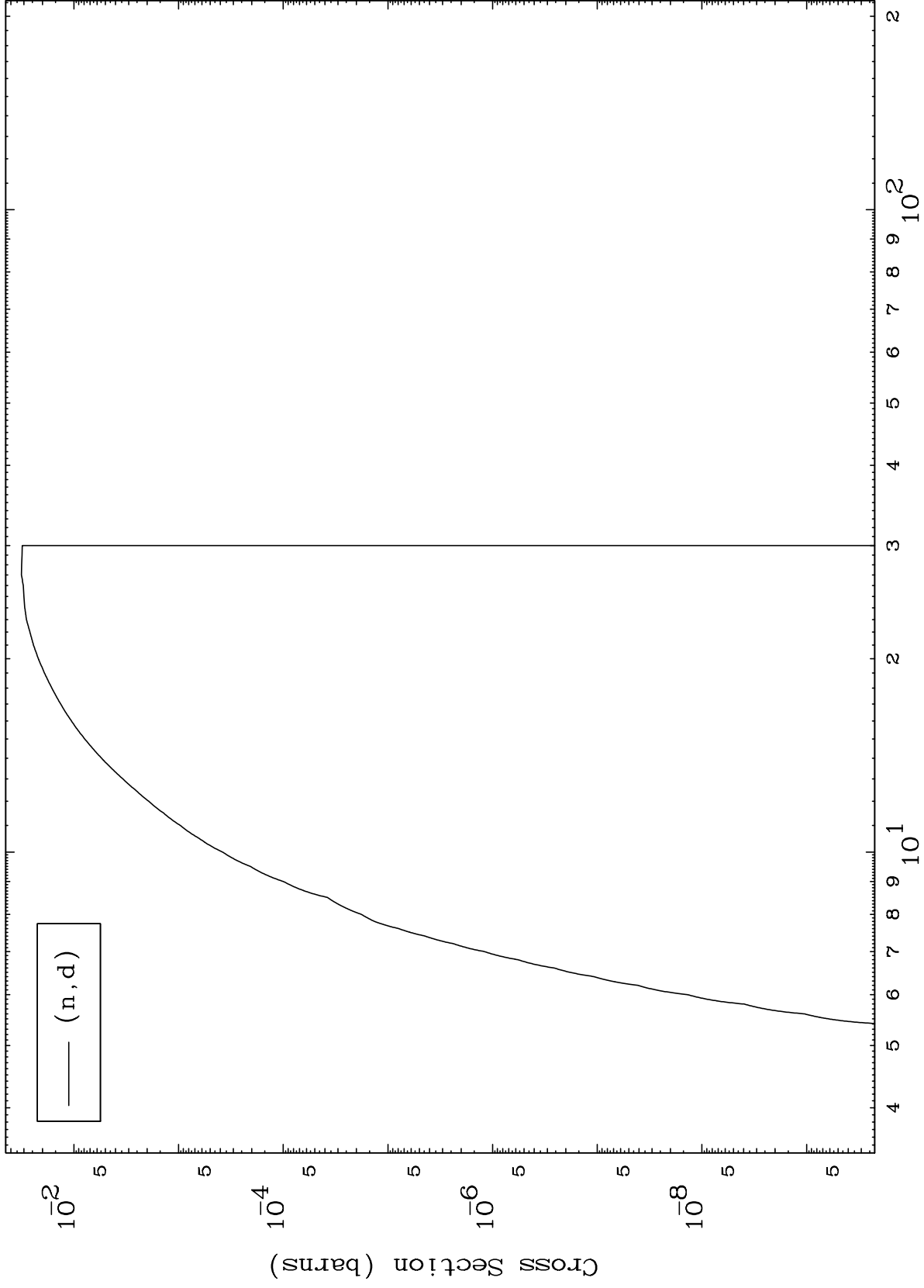
39-Y -87



MAT 3919

(n,d) Levels
293 Kelvin Cross Sections

39-Y -87



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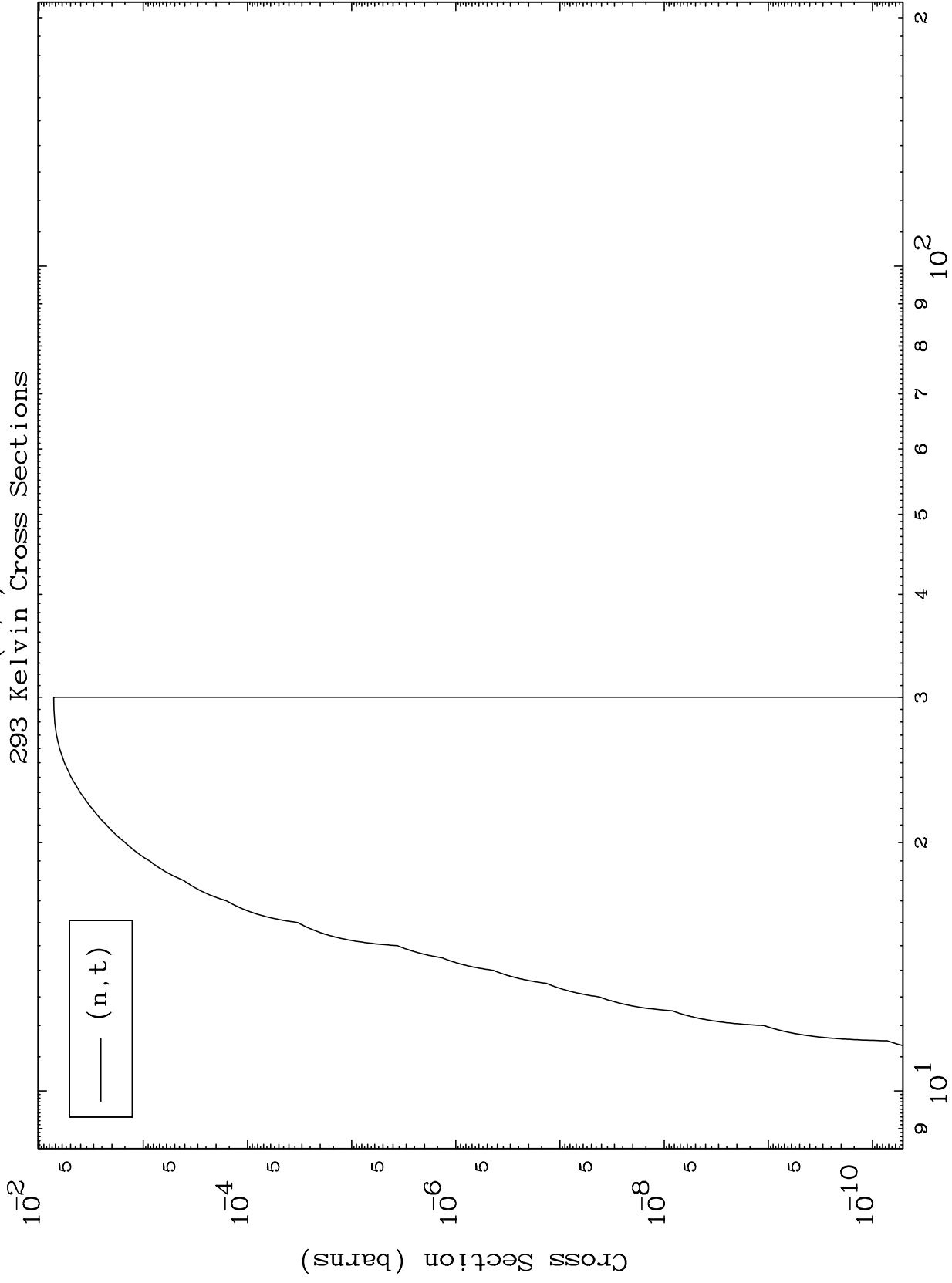
Incident Energy (MeV)

39-Y -87

MAT 3919

(n,t) Levels
293 Kelvin Cross Sections

39-Y -87



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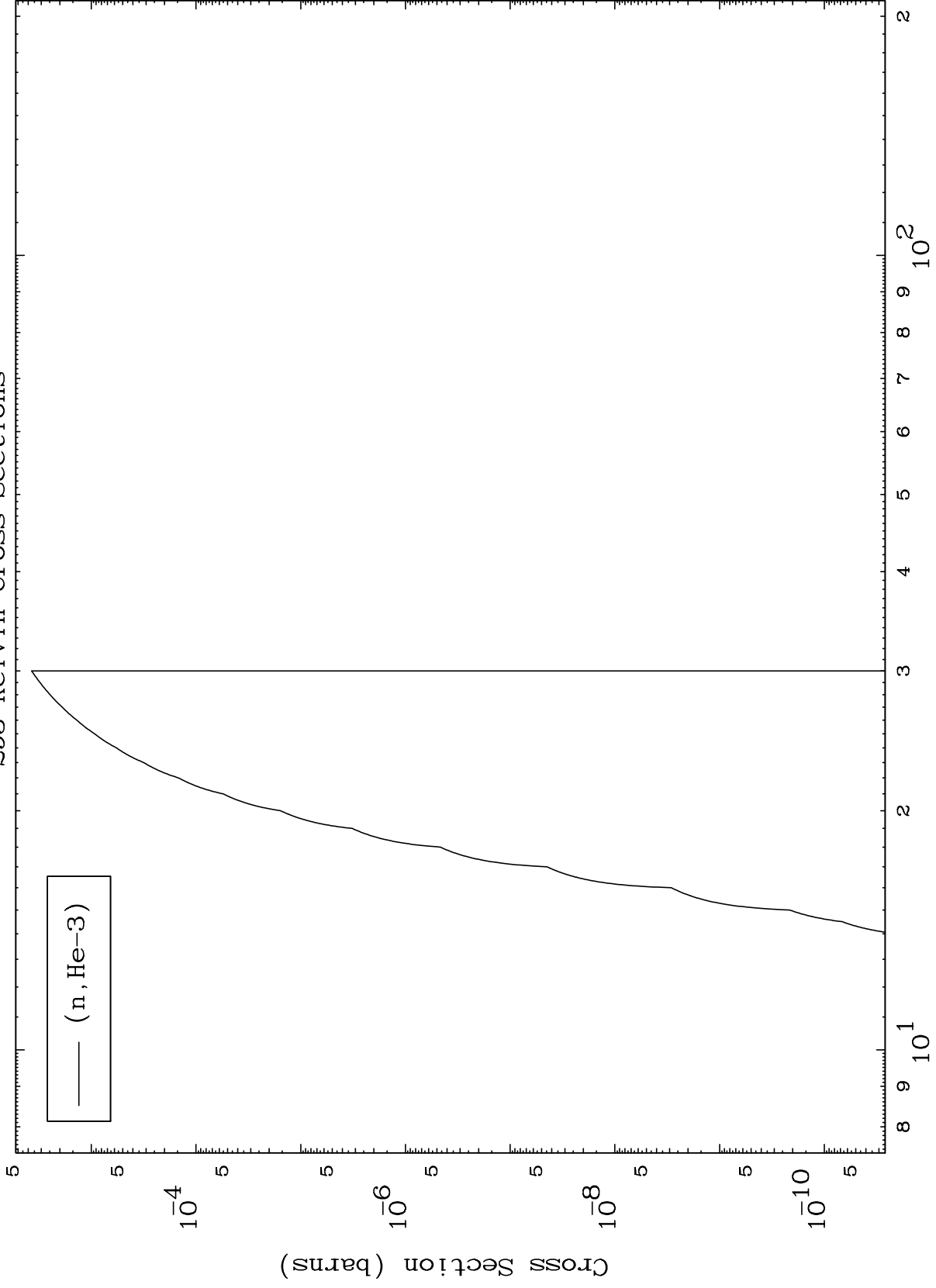
Incident Energy (MeV)

39-Y -87

MAT 3919

(n,He3) Levels
293 Kelvin Cross Sections

39-Y -87



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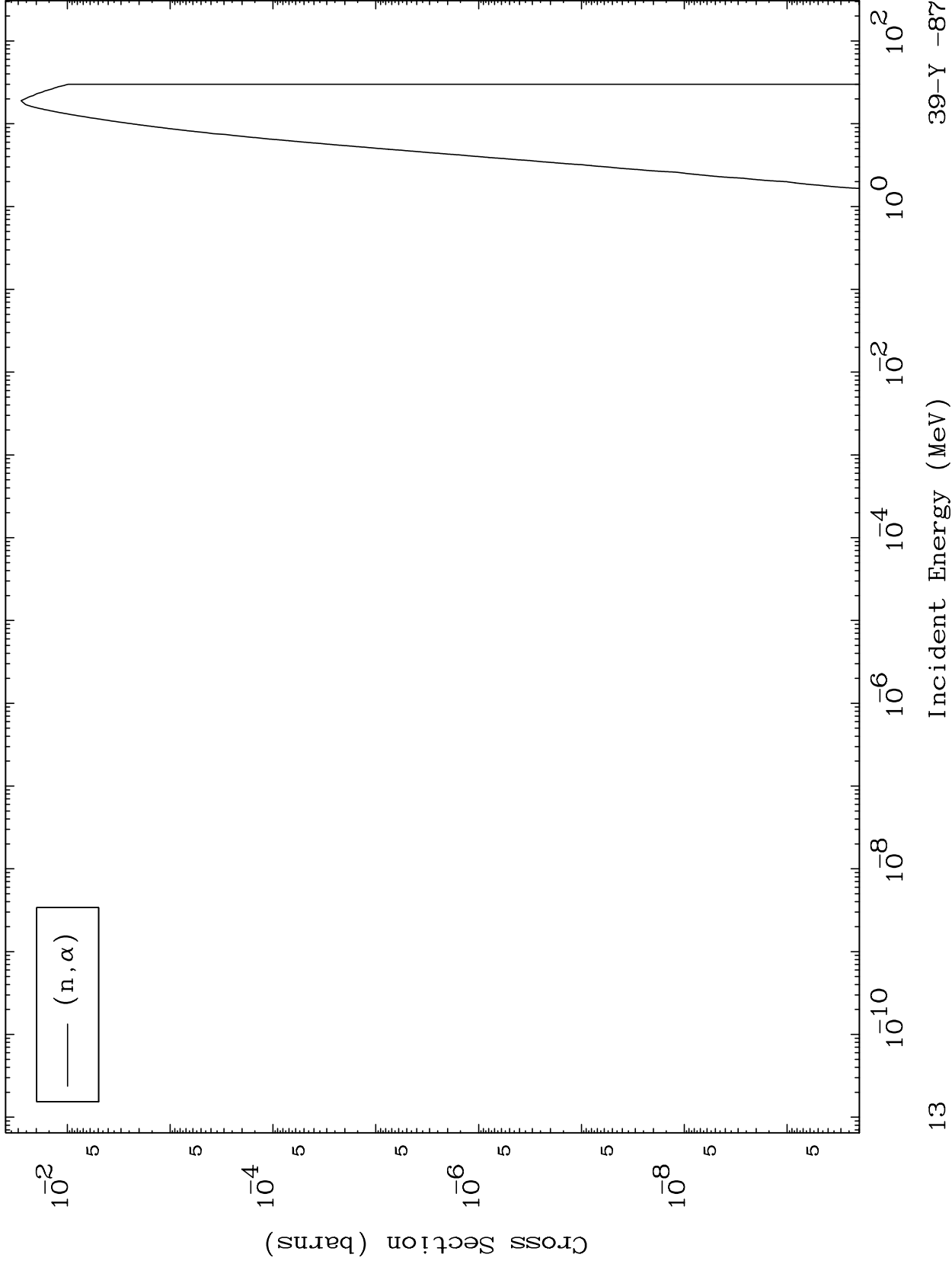
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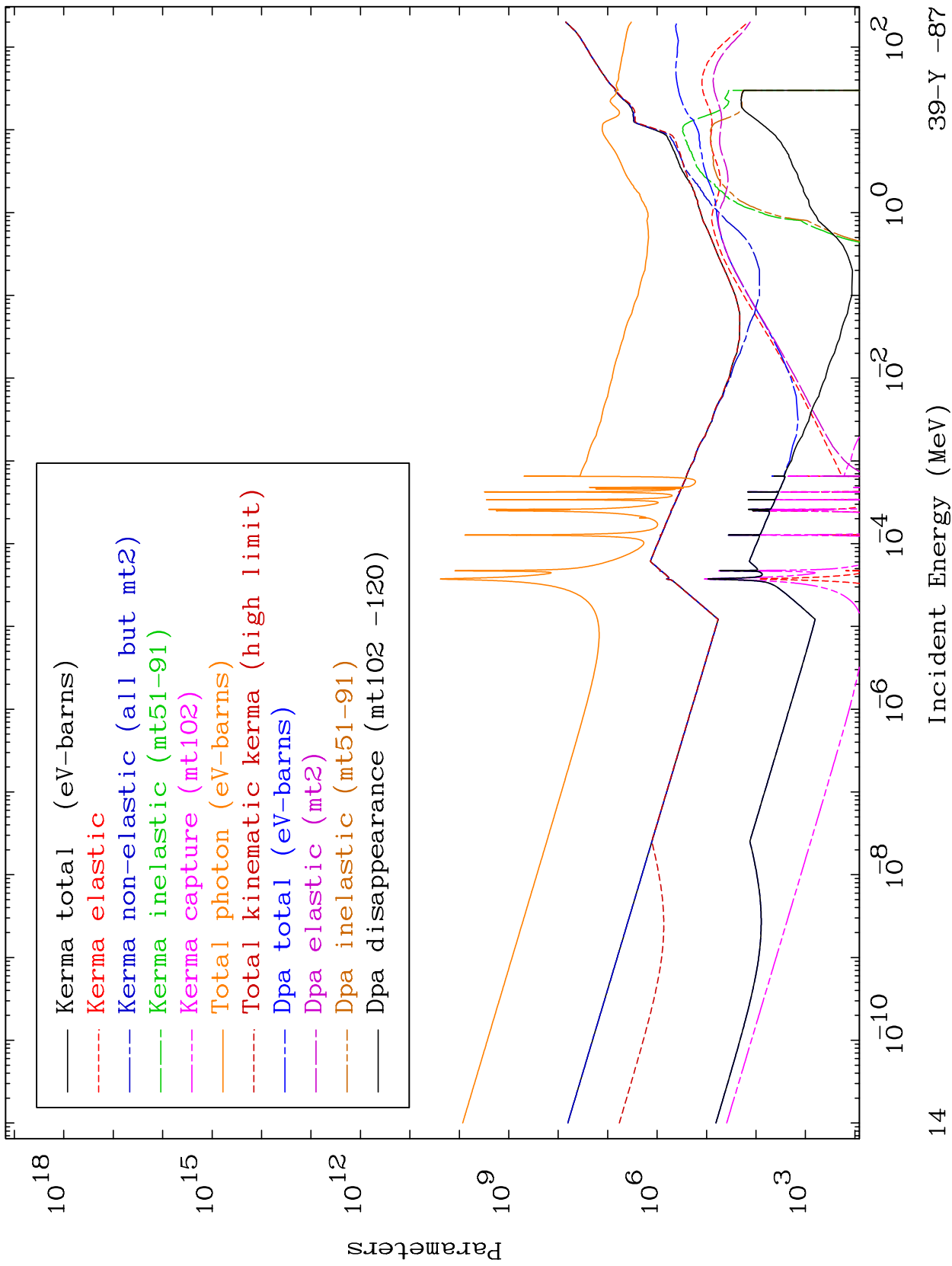
39-Y -87

MAT 3919

(n, α) Levels
293 Kelvin Cross Sections

39-Y -87

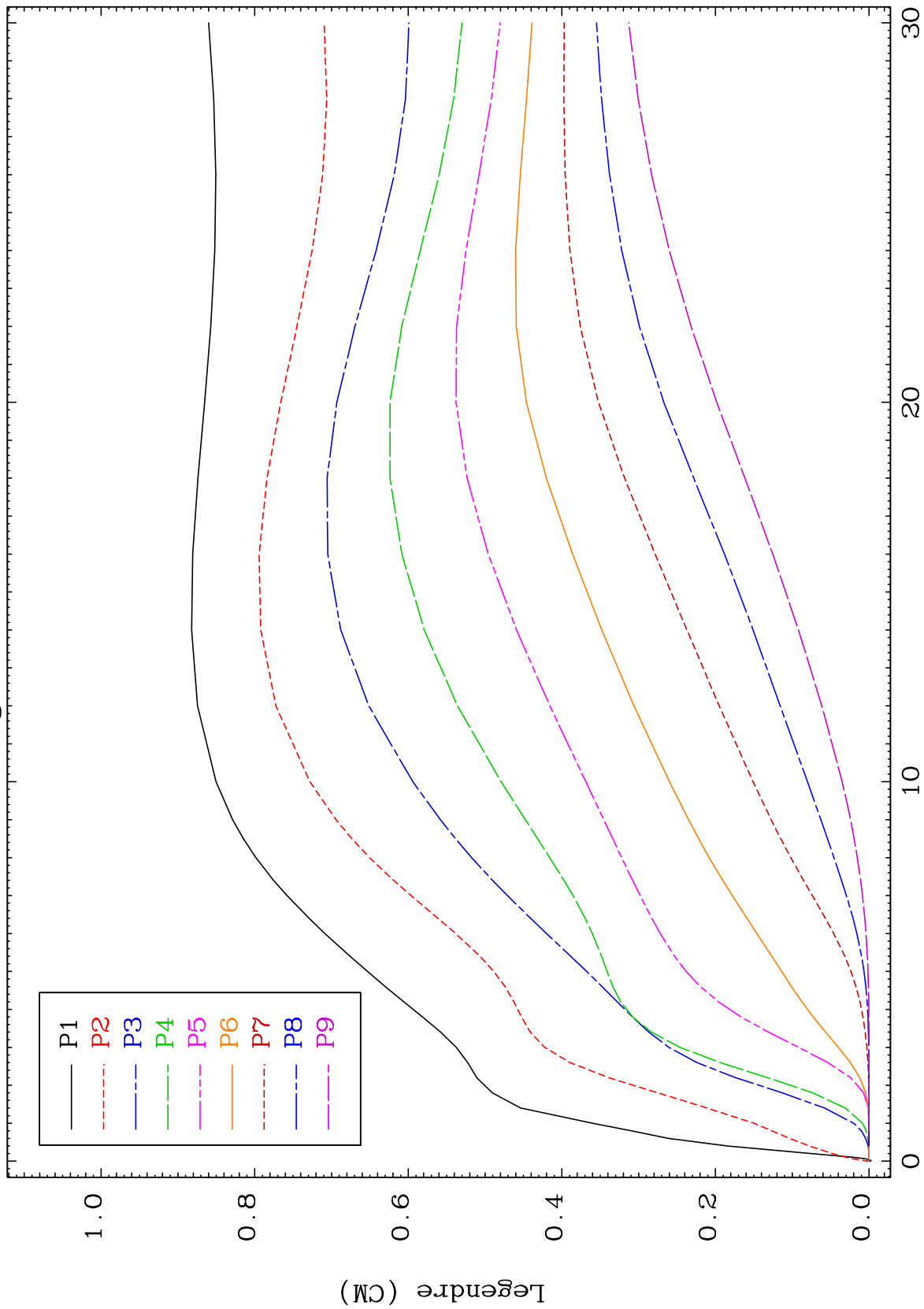




MAT 3919

Elastic Legendre Coefficients

39-Y -87



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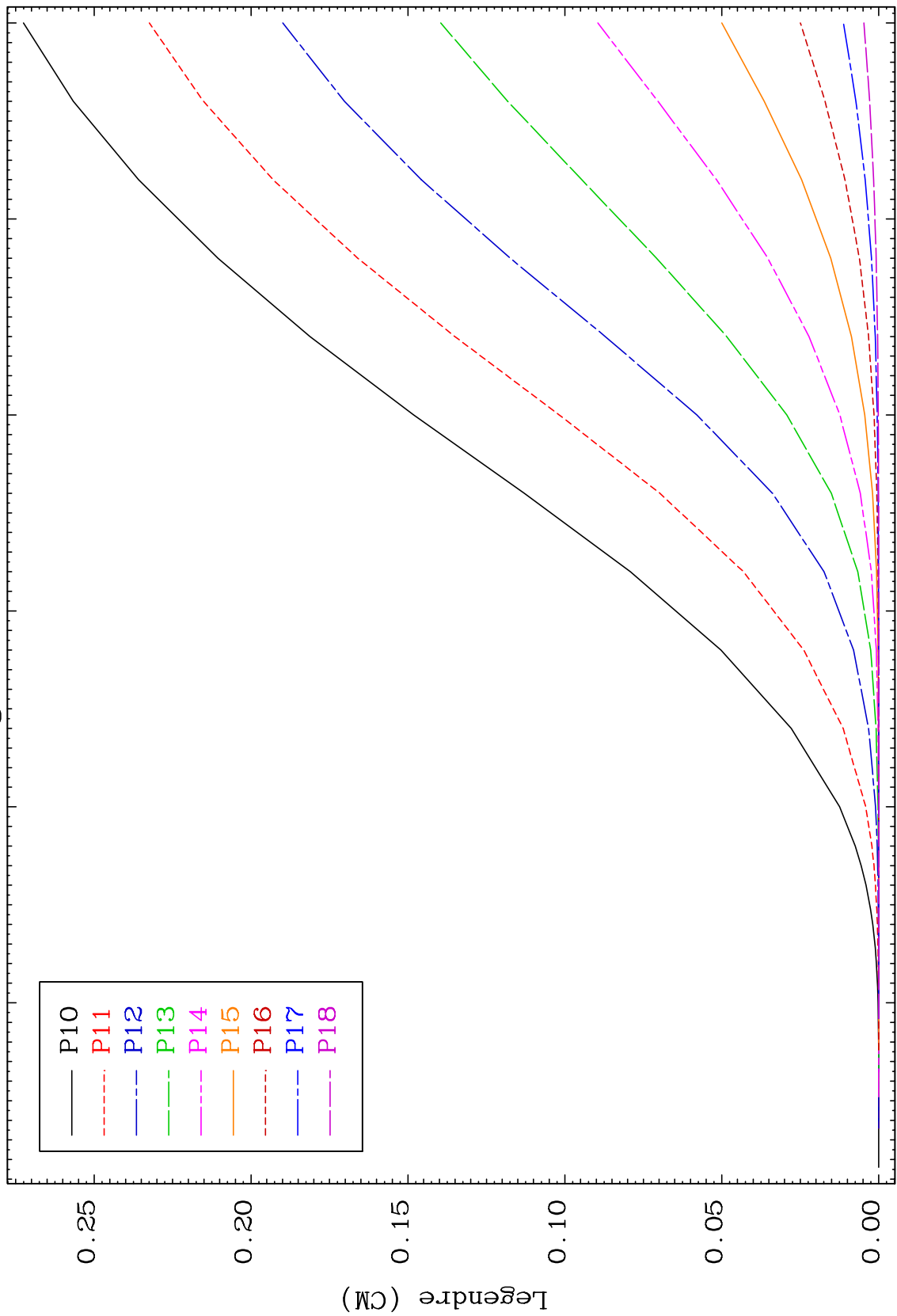
Incident Energy (MeV)

39-Y -87

MAT 3919

Elastic Legendre Coefficients

39-Y -87



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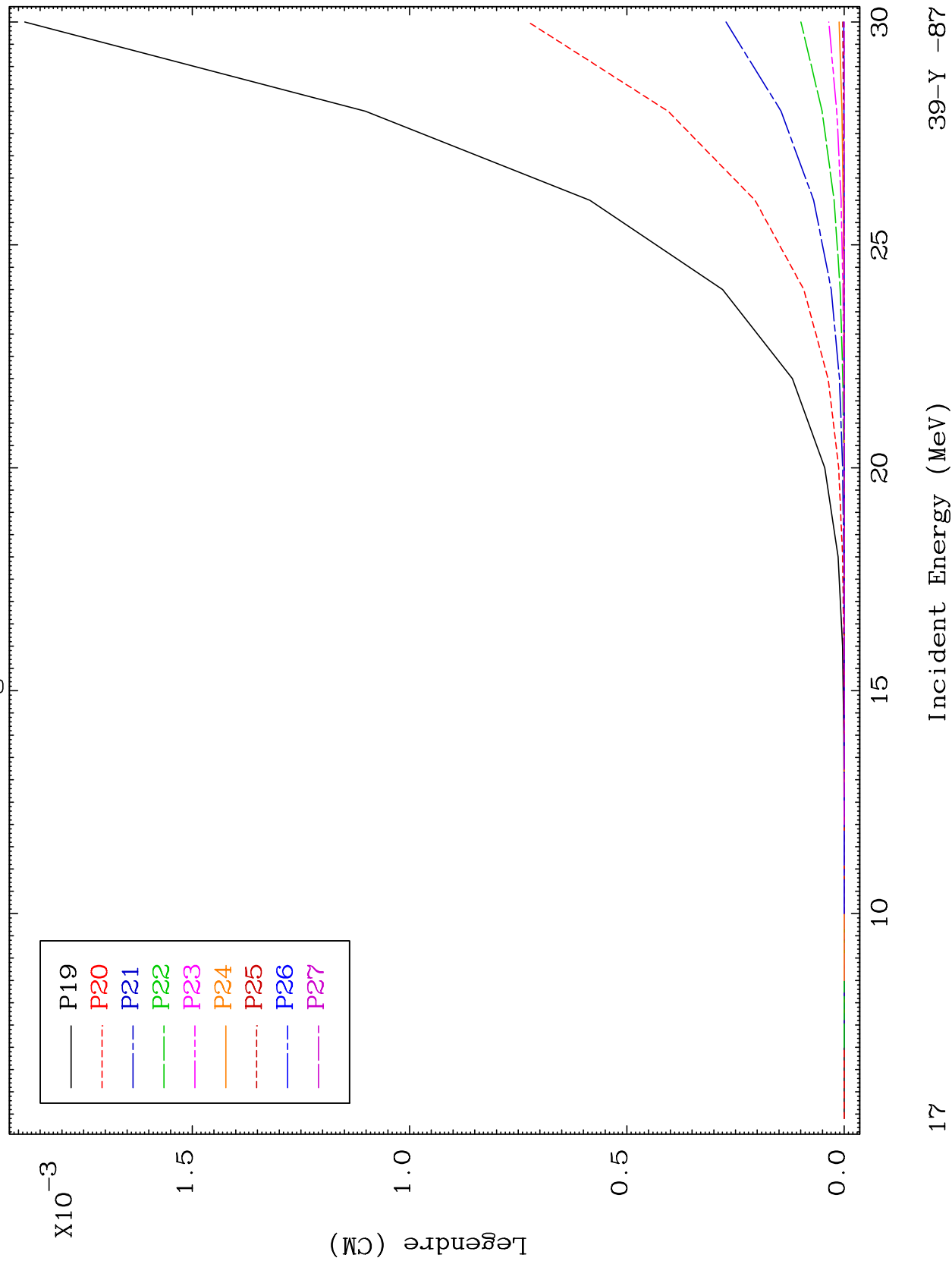
Incident Energy (MeV)

39-Y -87

MAT 3919

Elastic Legendre Coefficients

39-Y -87



17

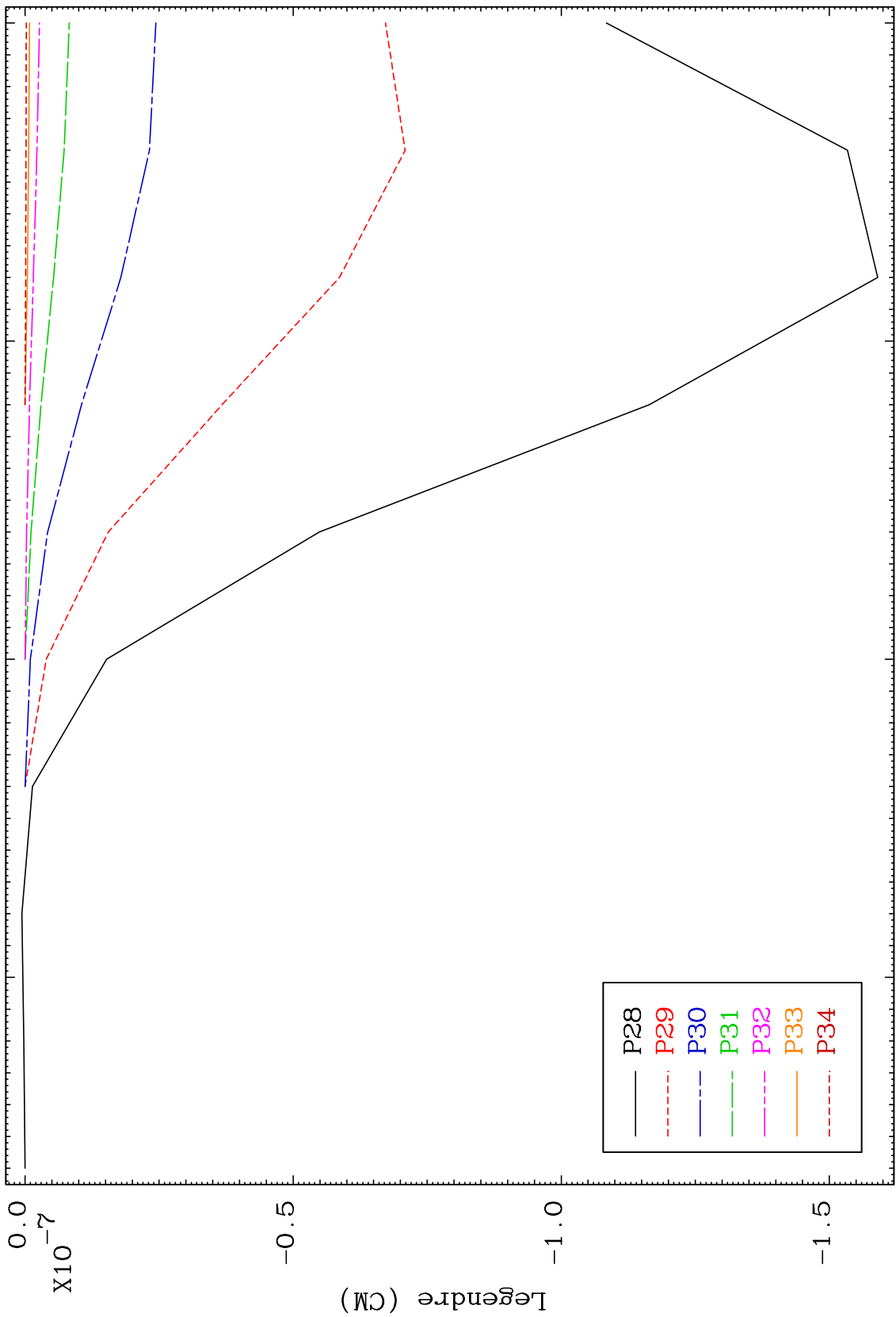
Incident Energy (MeV)

39-Y -87

MAT 3919

39-Y -87

Elastic Legendre Coefficients

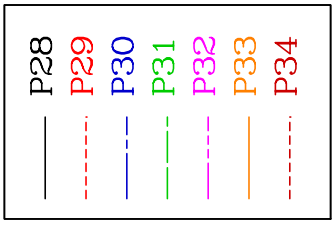


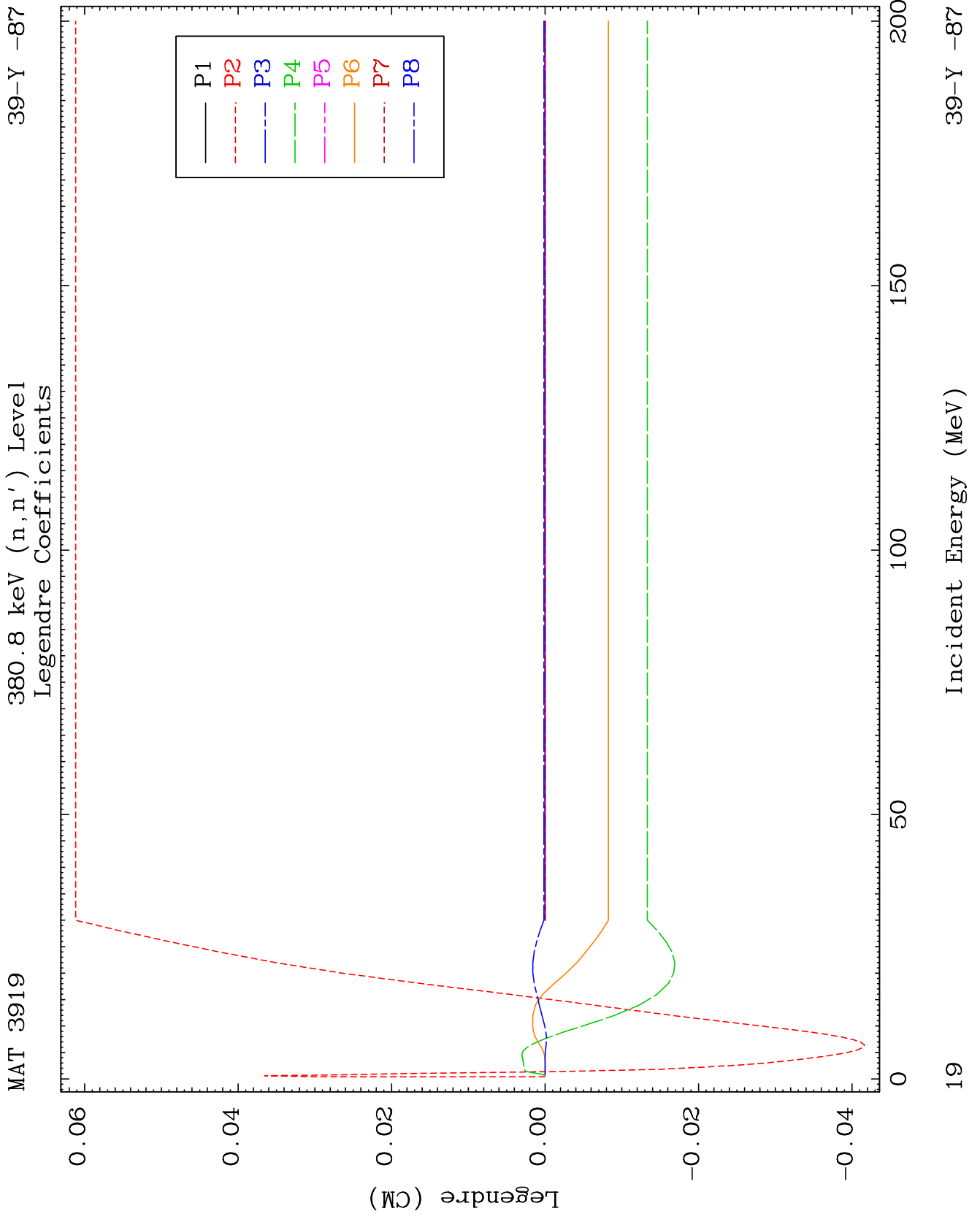
Legendre (CM)
X10⁻⁷

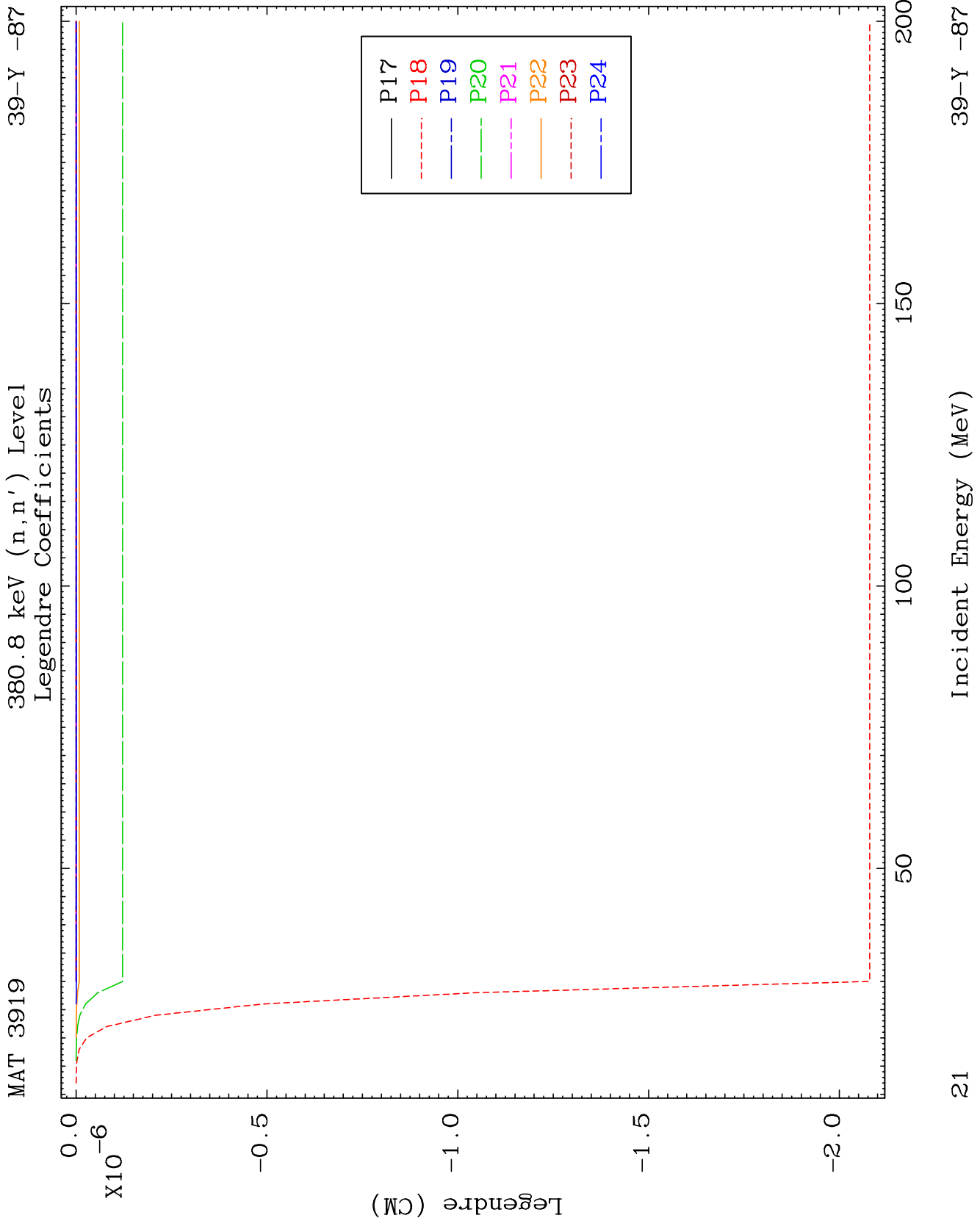
Incident Energy (MeV)

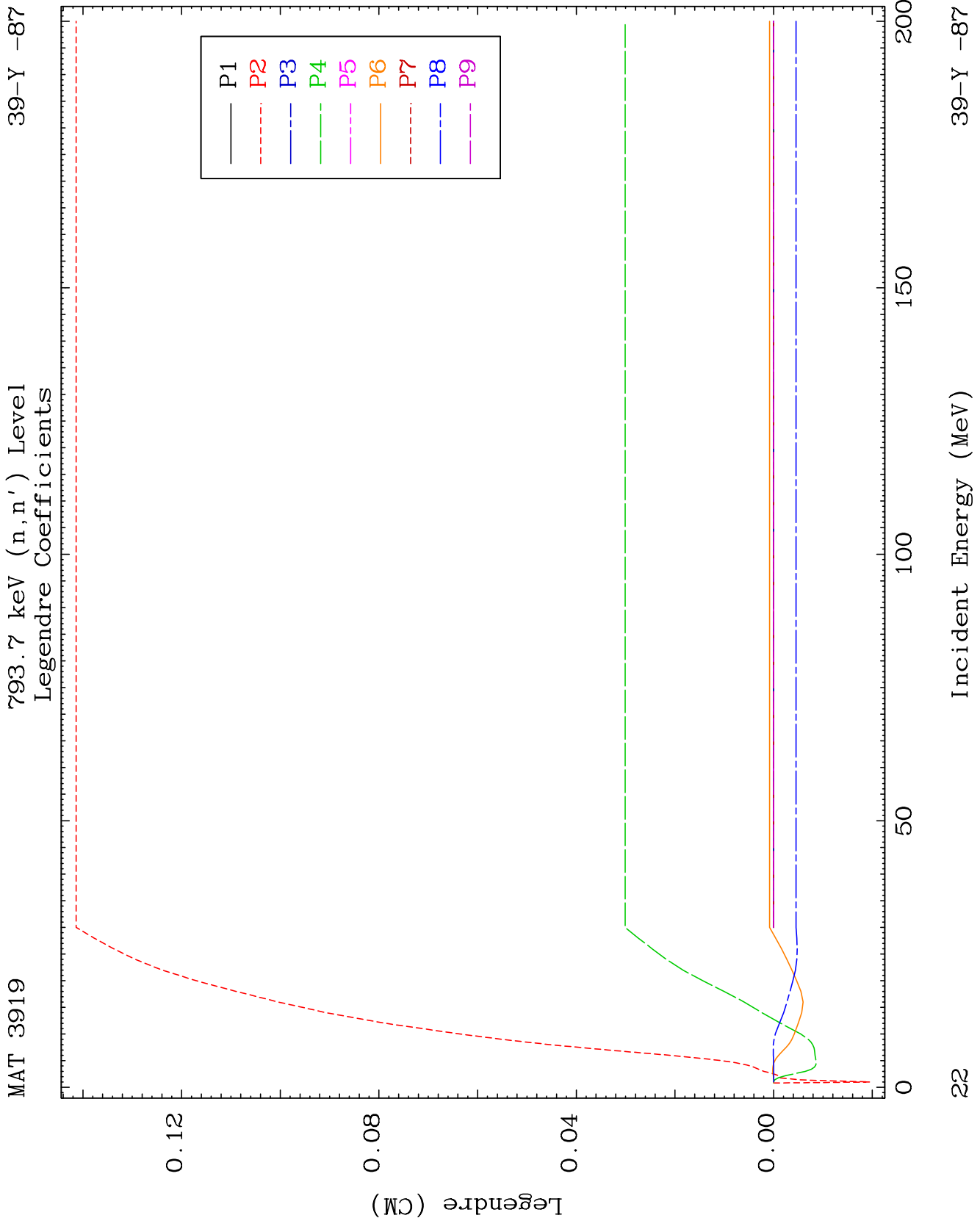
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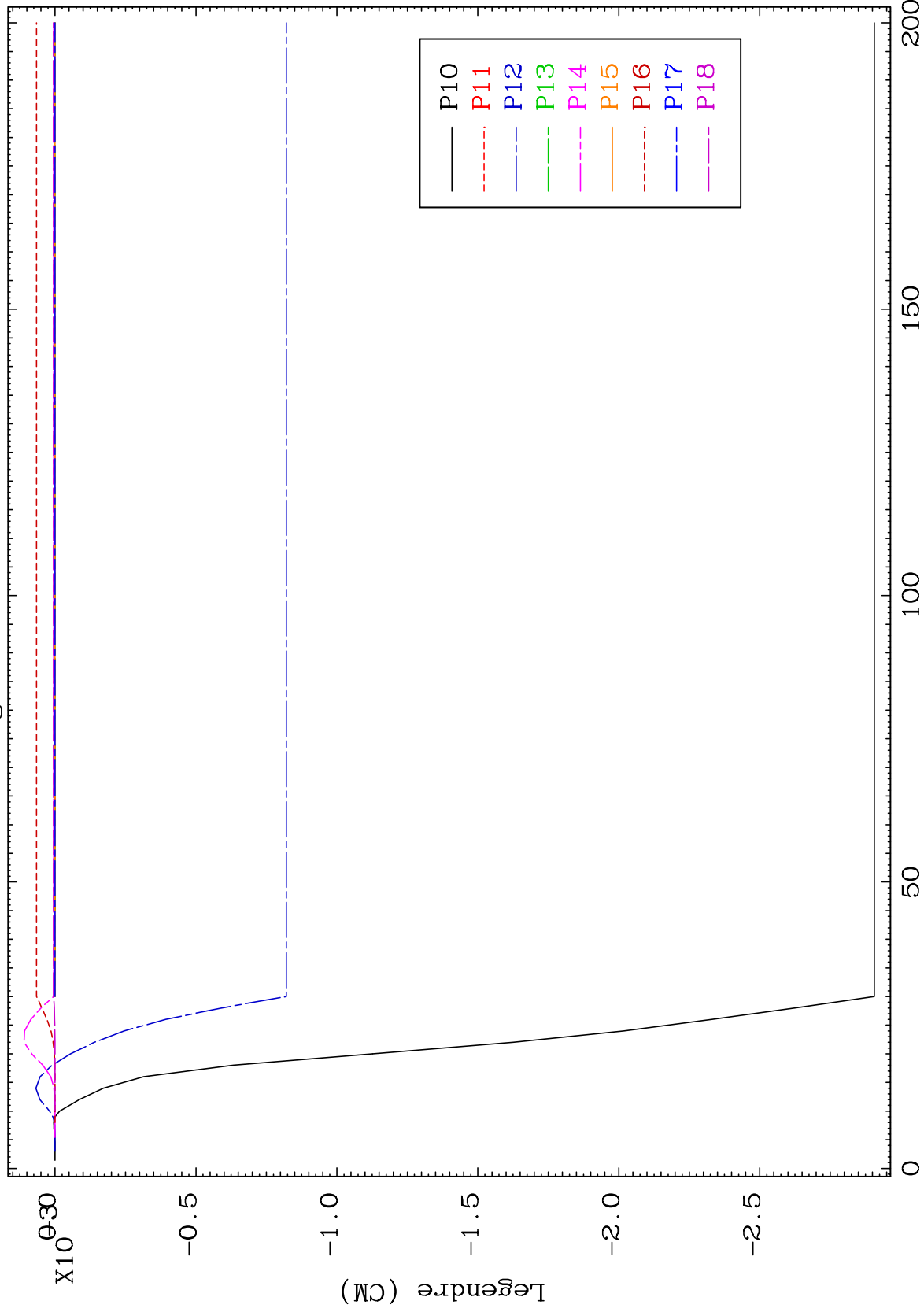
39-Y -87

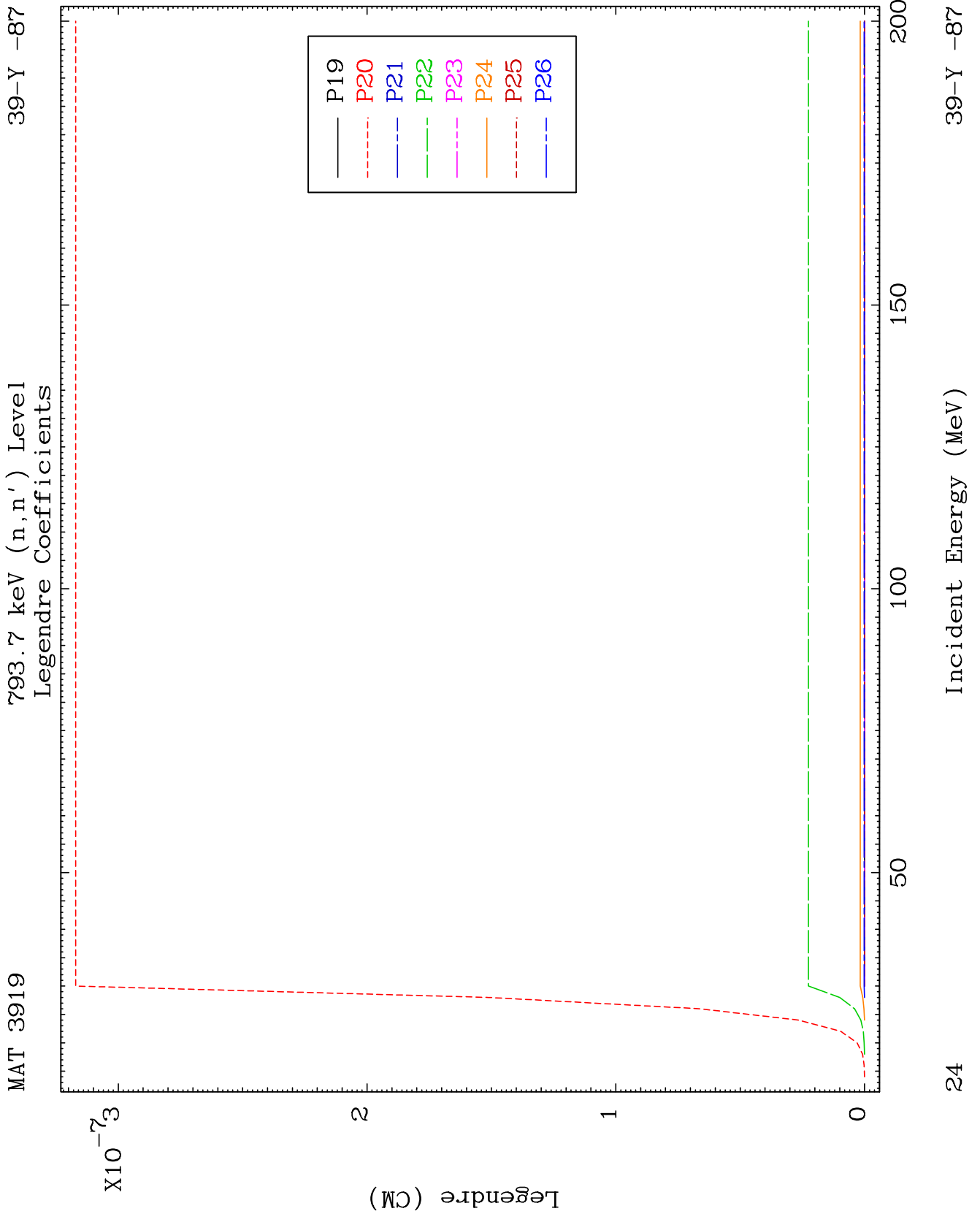


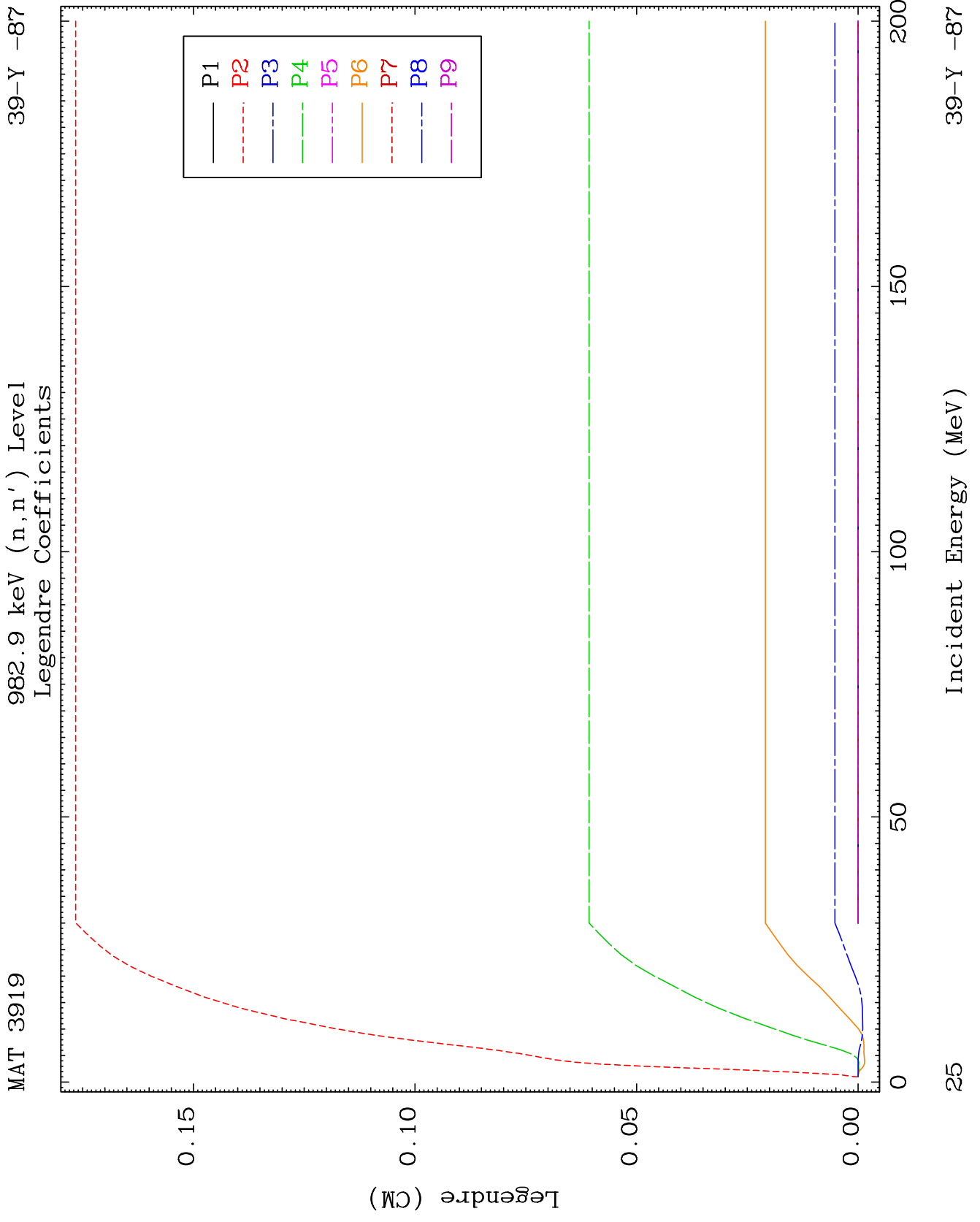


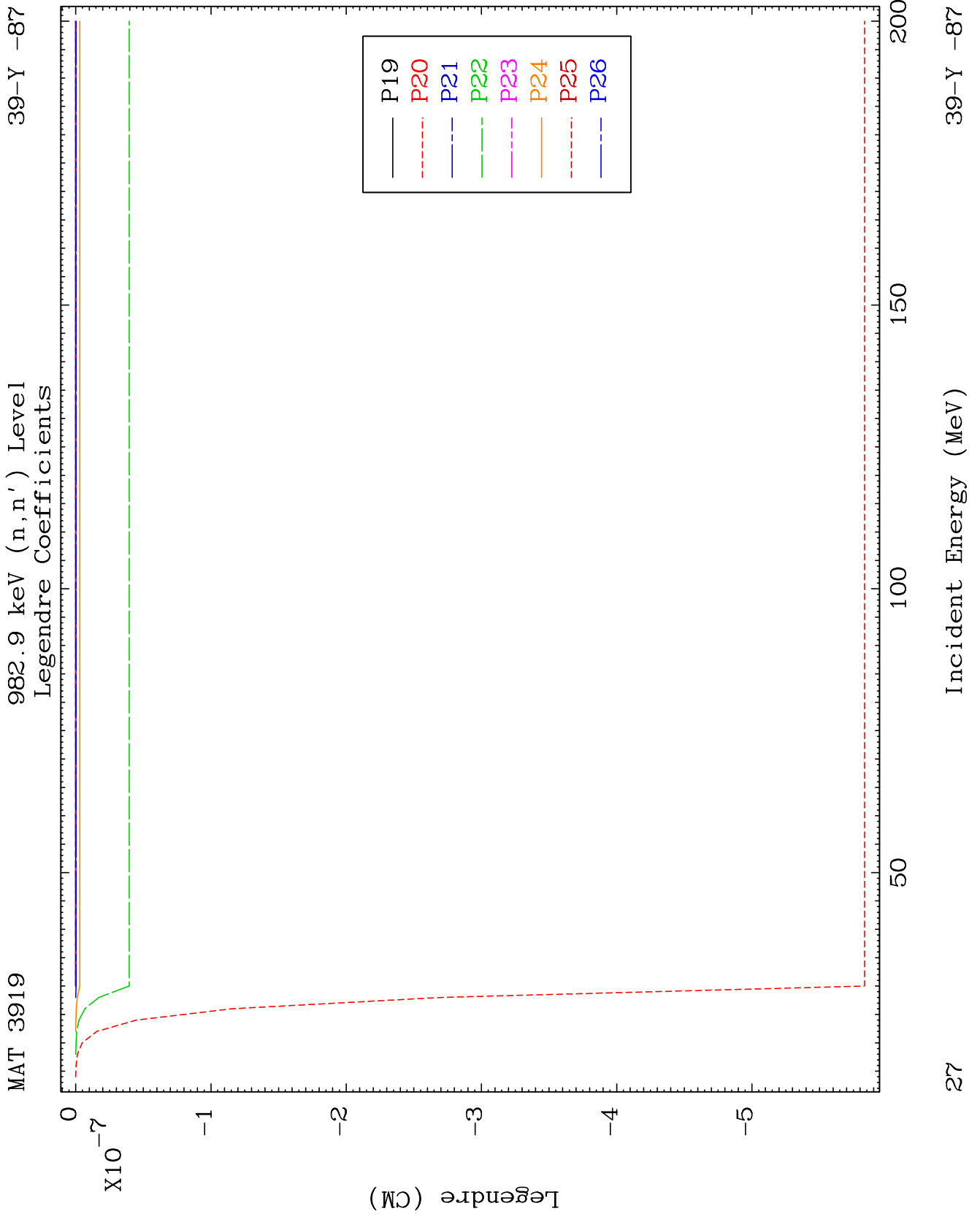


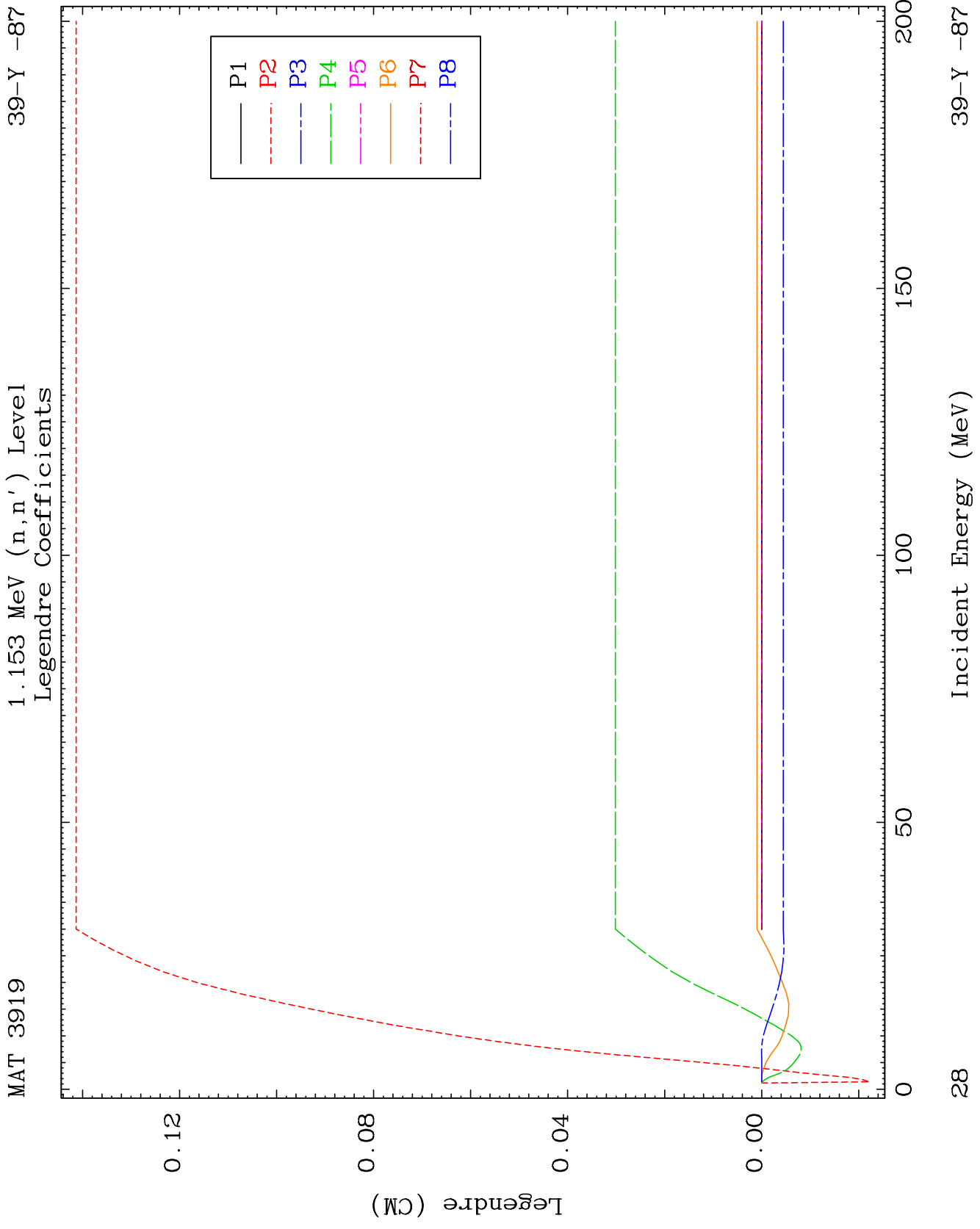


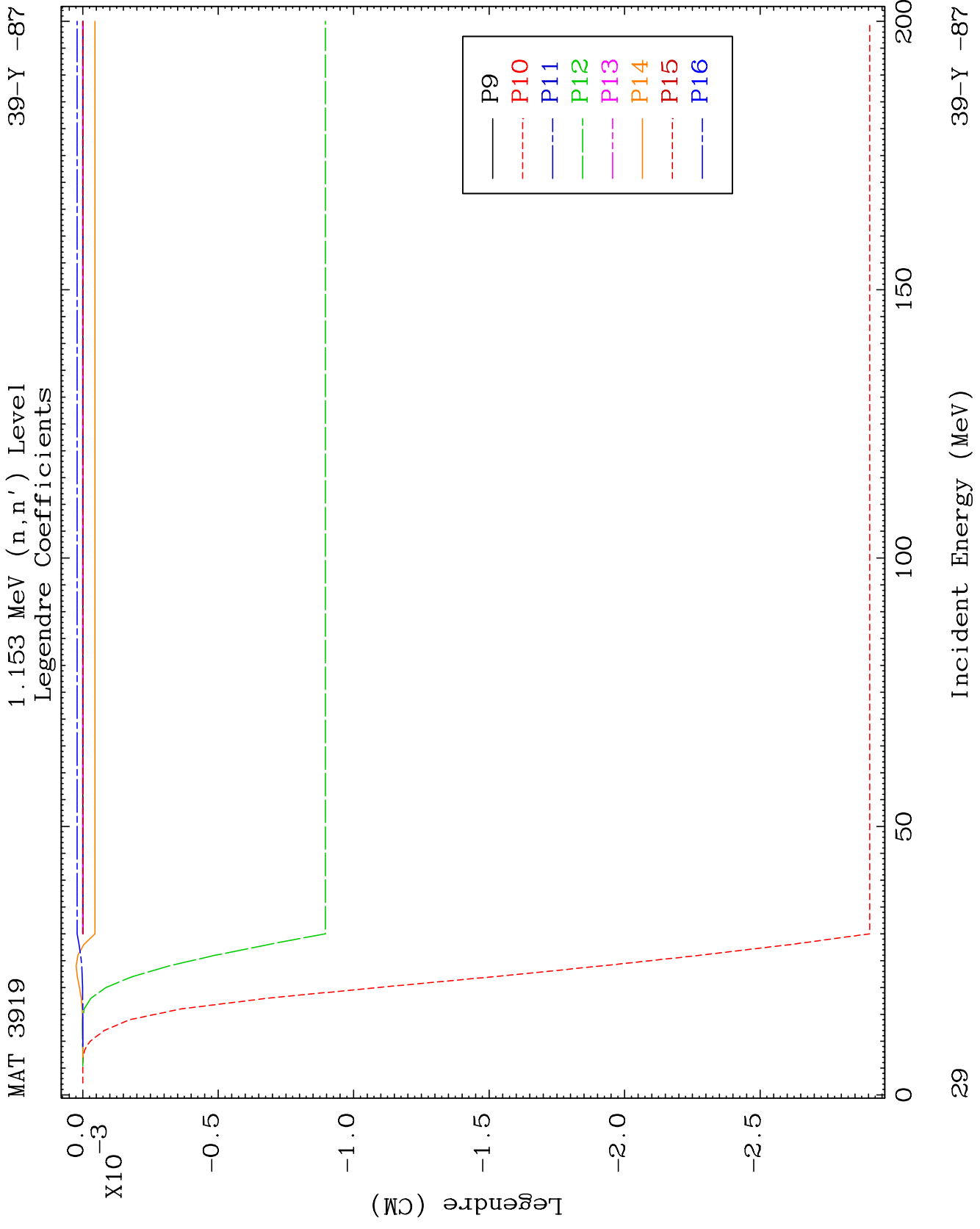


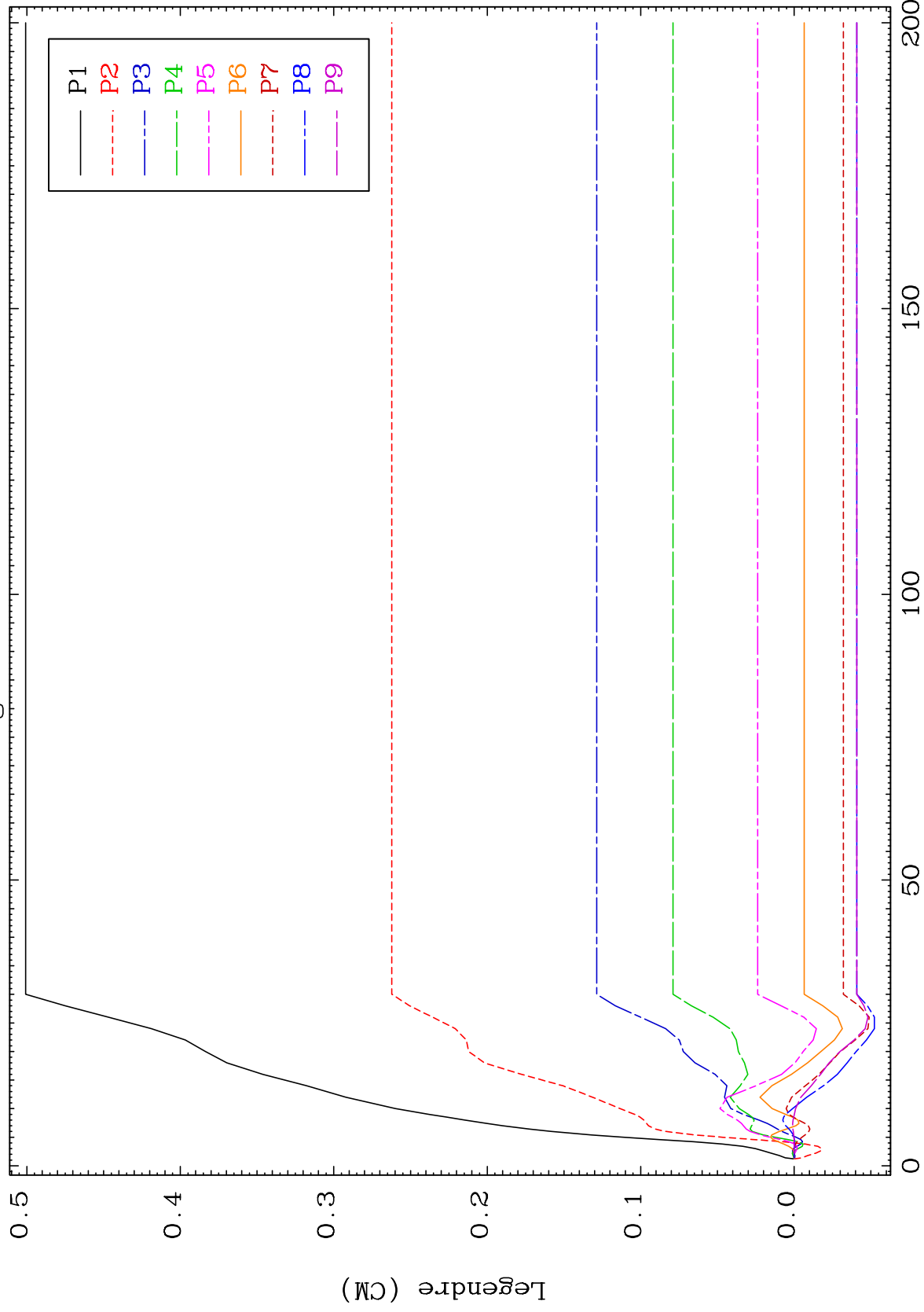








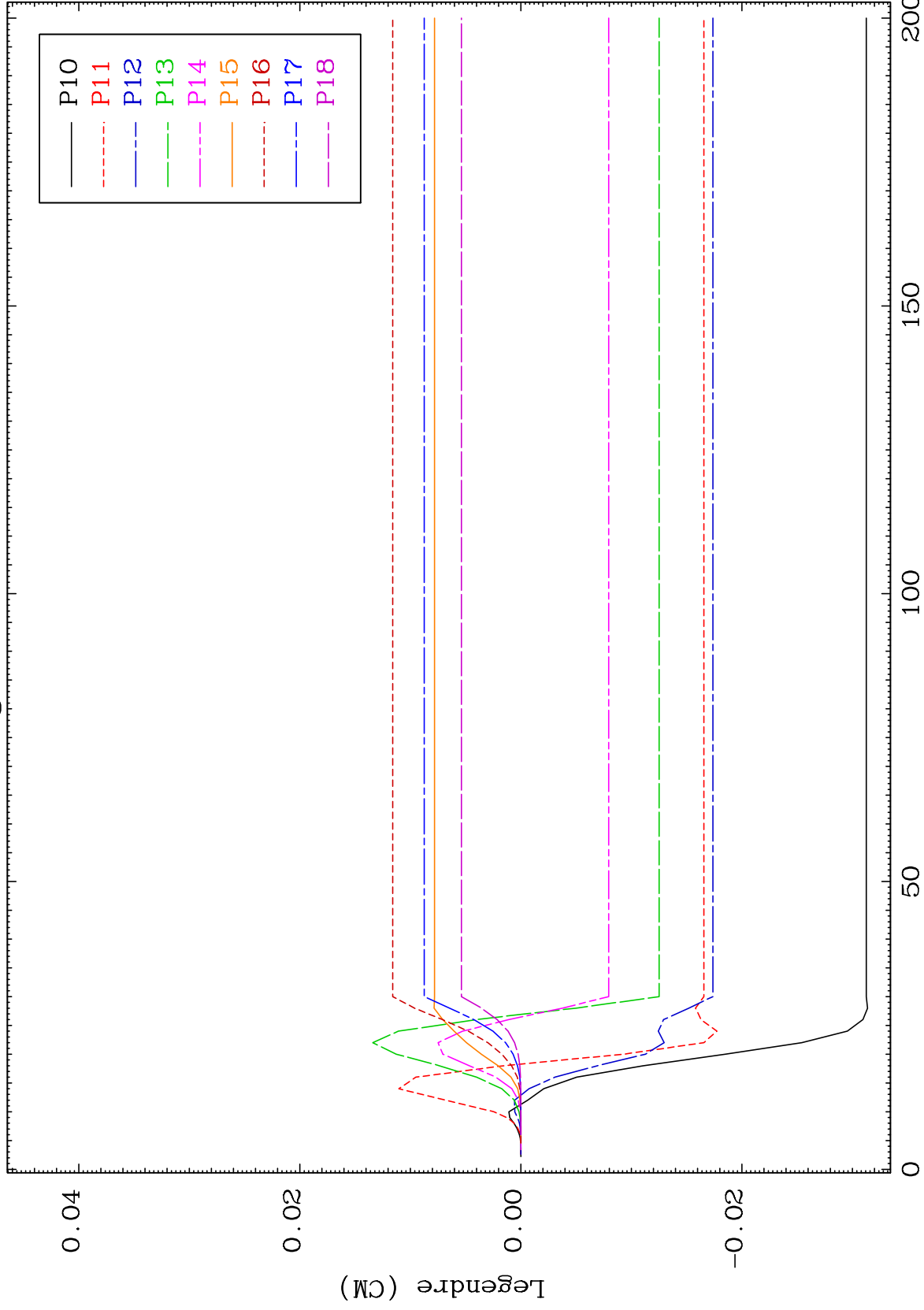




MAT 3919

1.182 MeV (n,n') Level
Legendre Coefficients

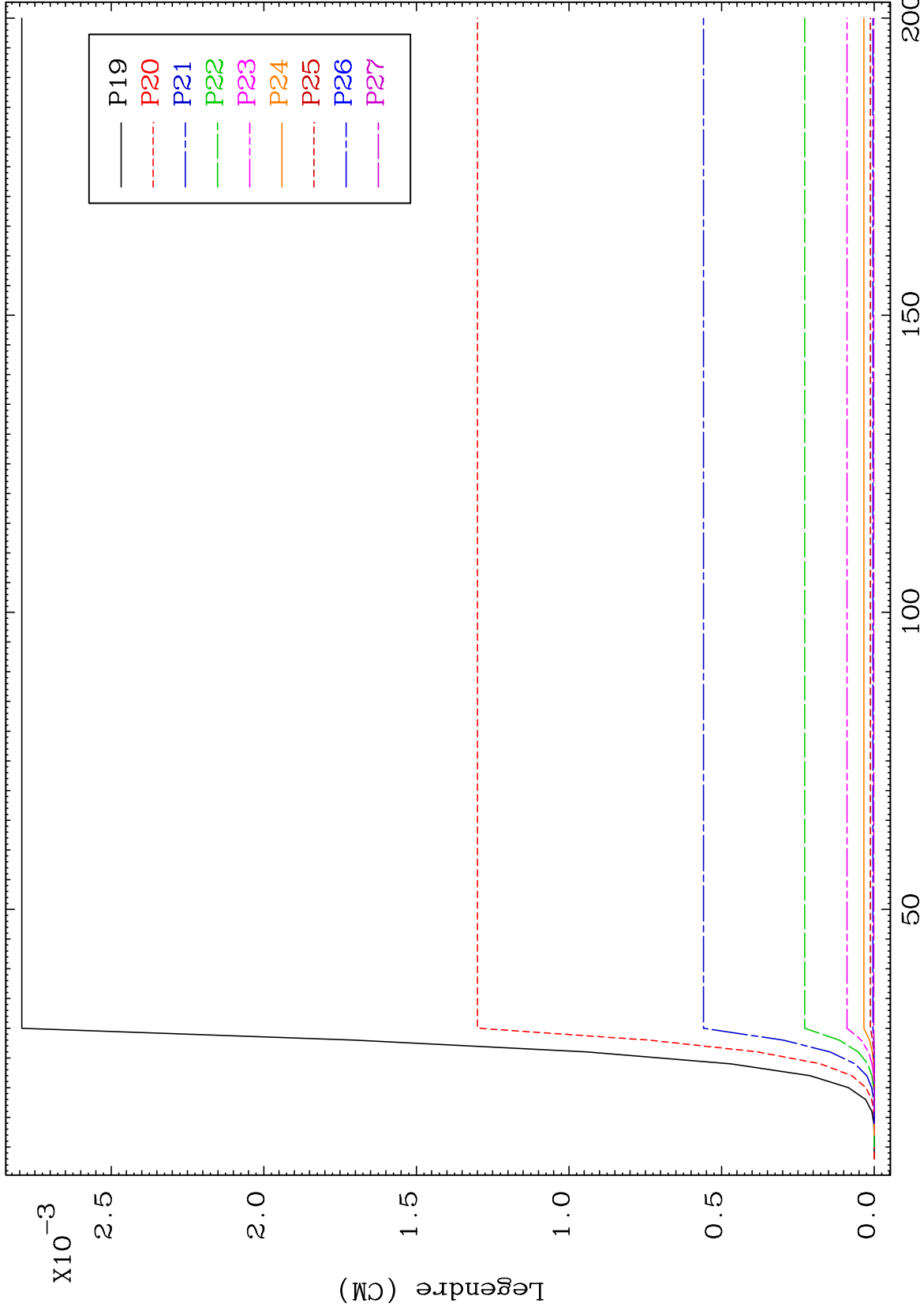
39-Y -87



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Incident Energy (MeV)

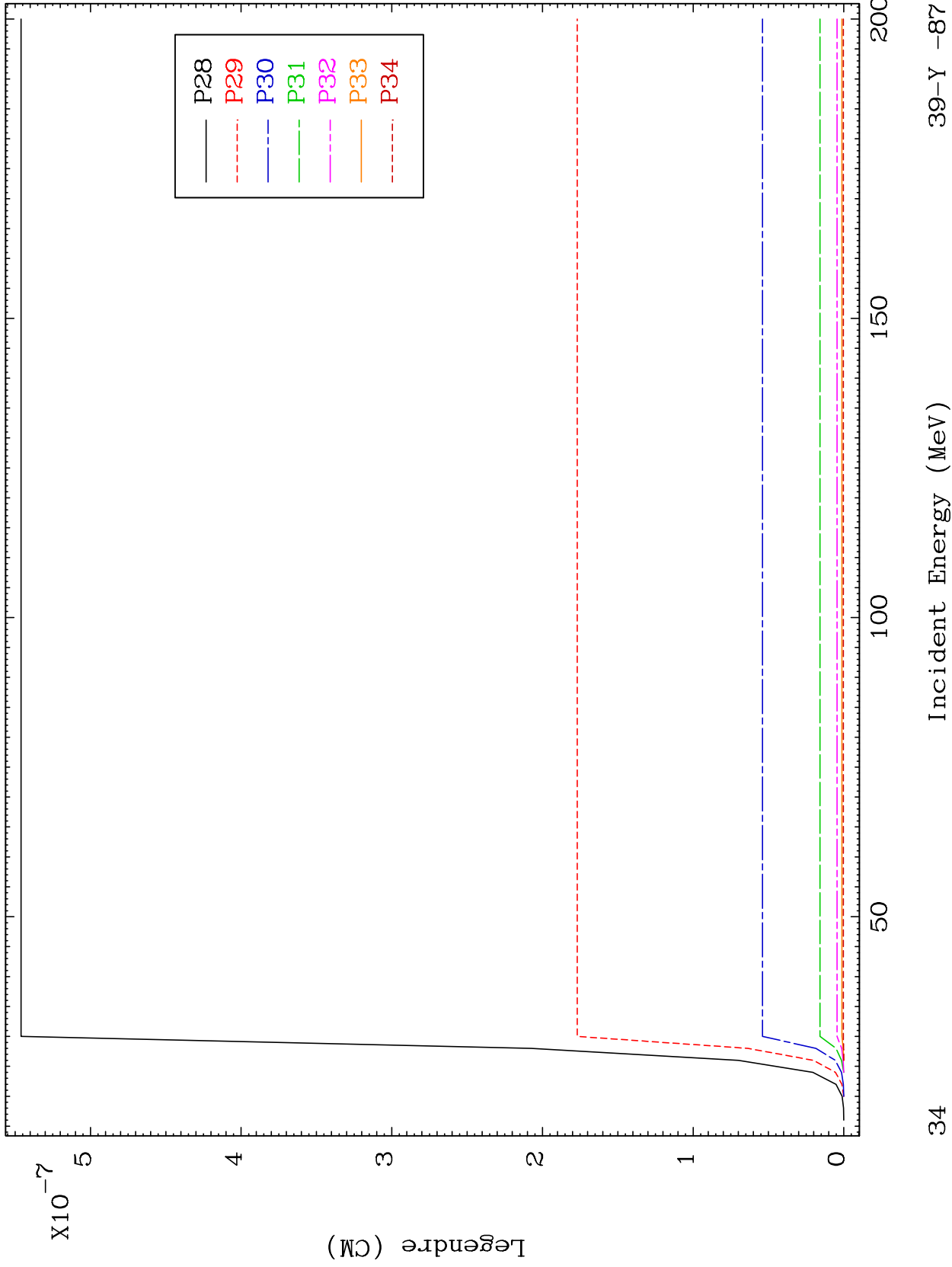
39-Y -87

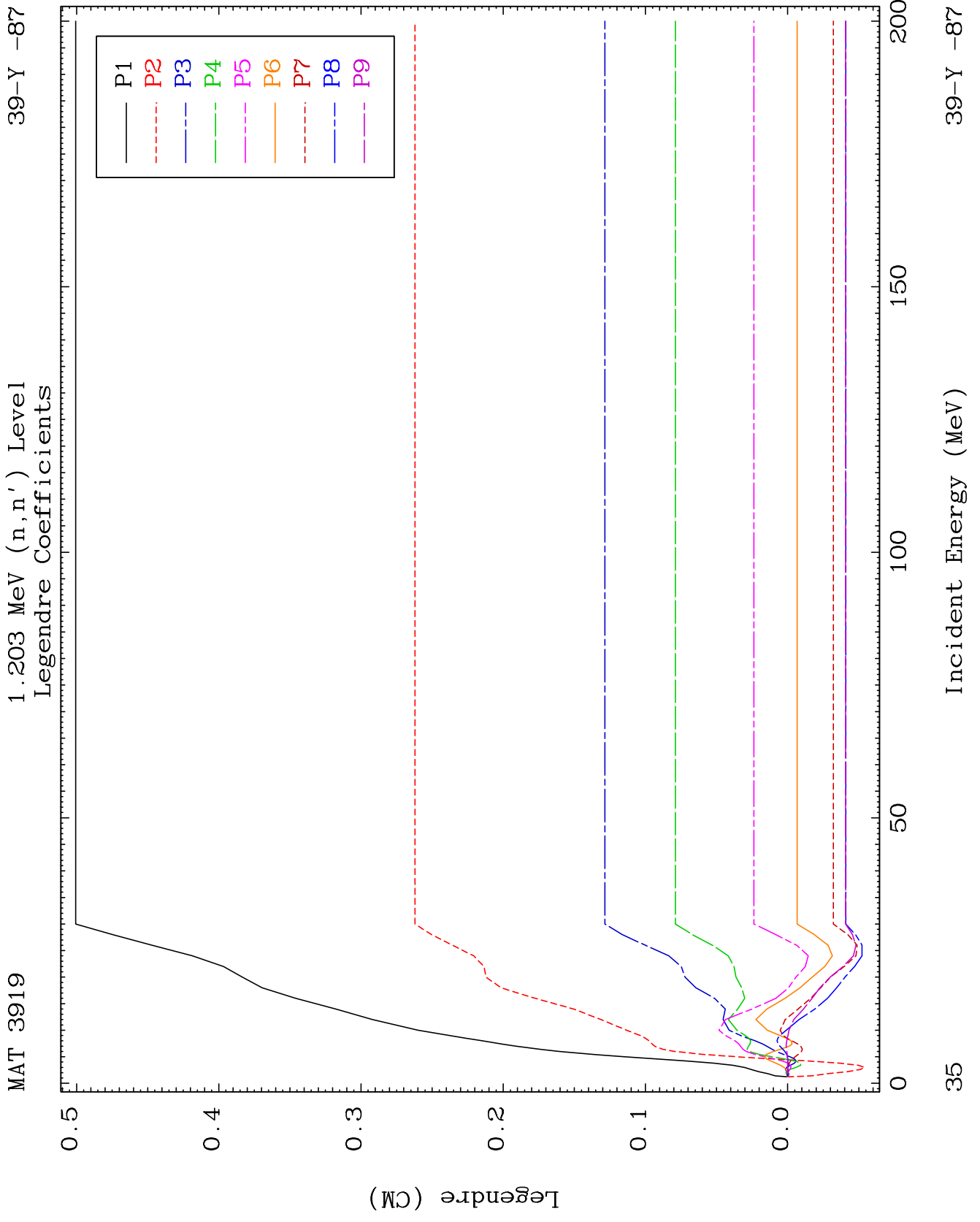


MAT 3919

1.182 MeV (n,n') Level
Legendre Coefficients

39-Y -87

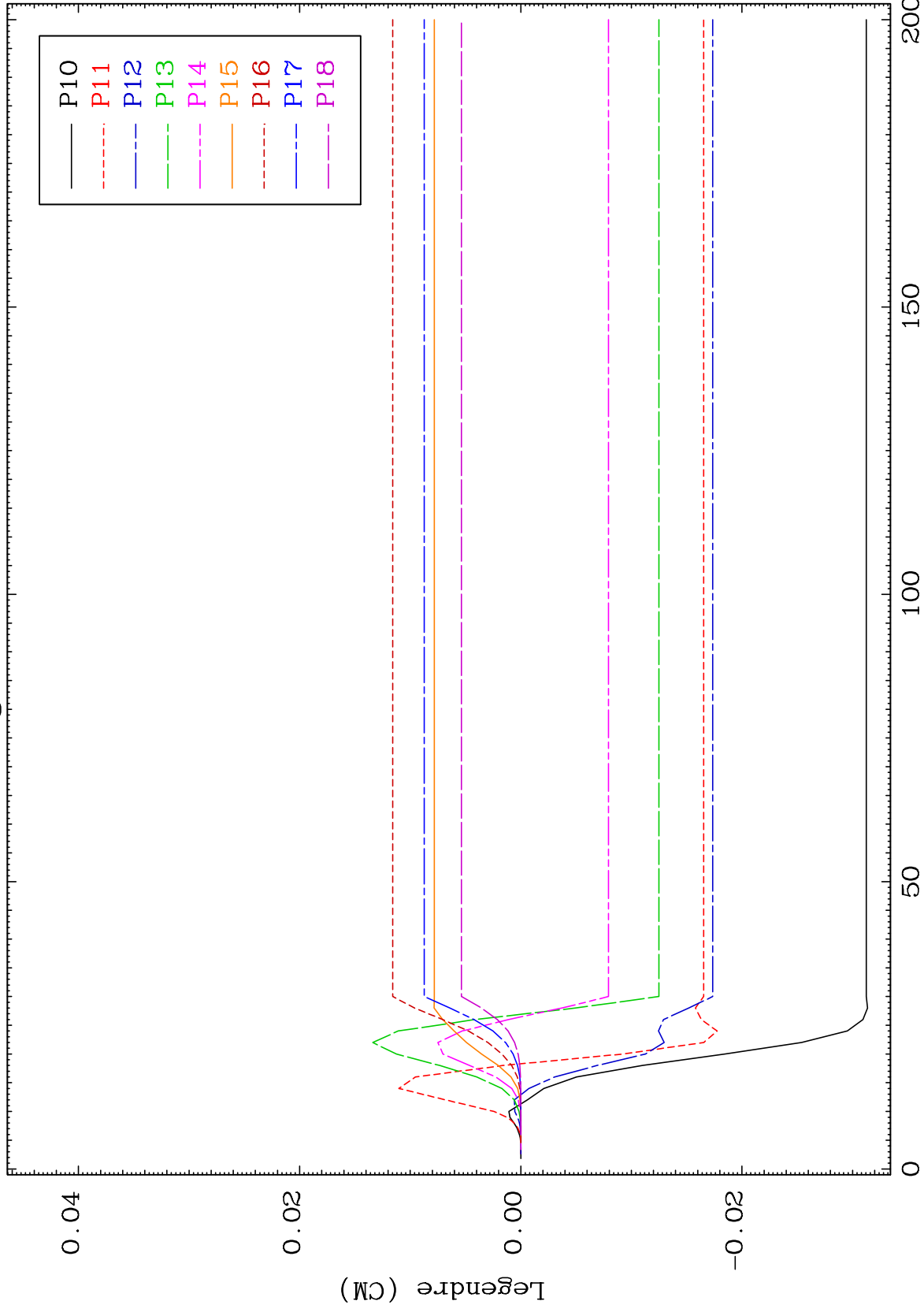




MAT 3919

1.203 MeV (n,n') Level
Legendre Coefficients

39-Y -87



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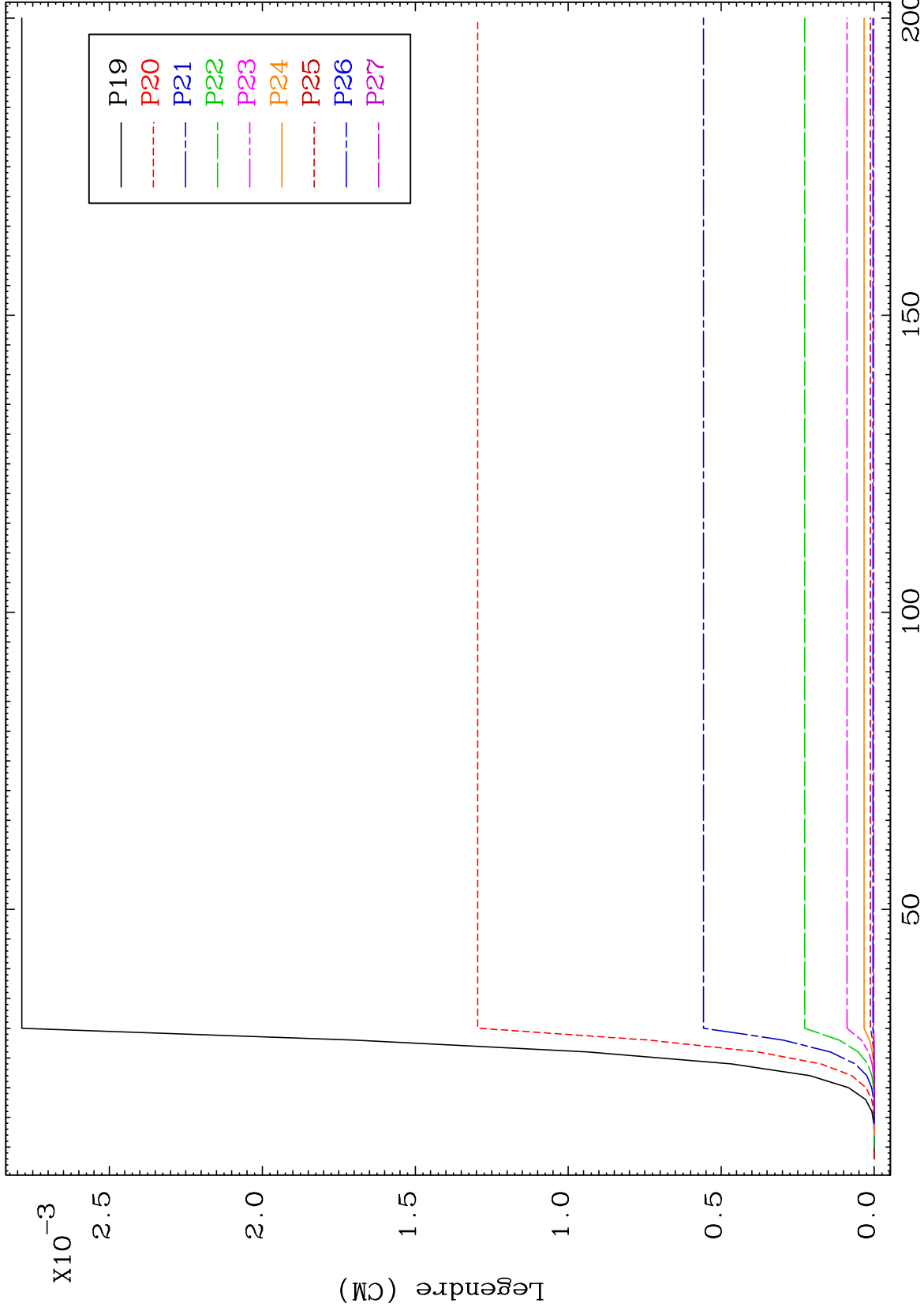
Incident Energy (MeV)

39-Y -87

MAT 3919

1.203 MeV (n,n') Level Legendre Coefficients

39-Y -87



37

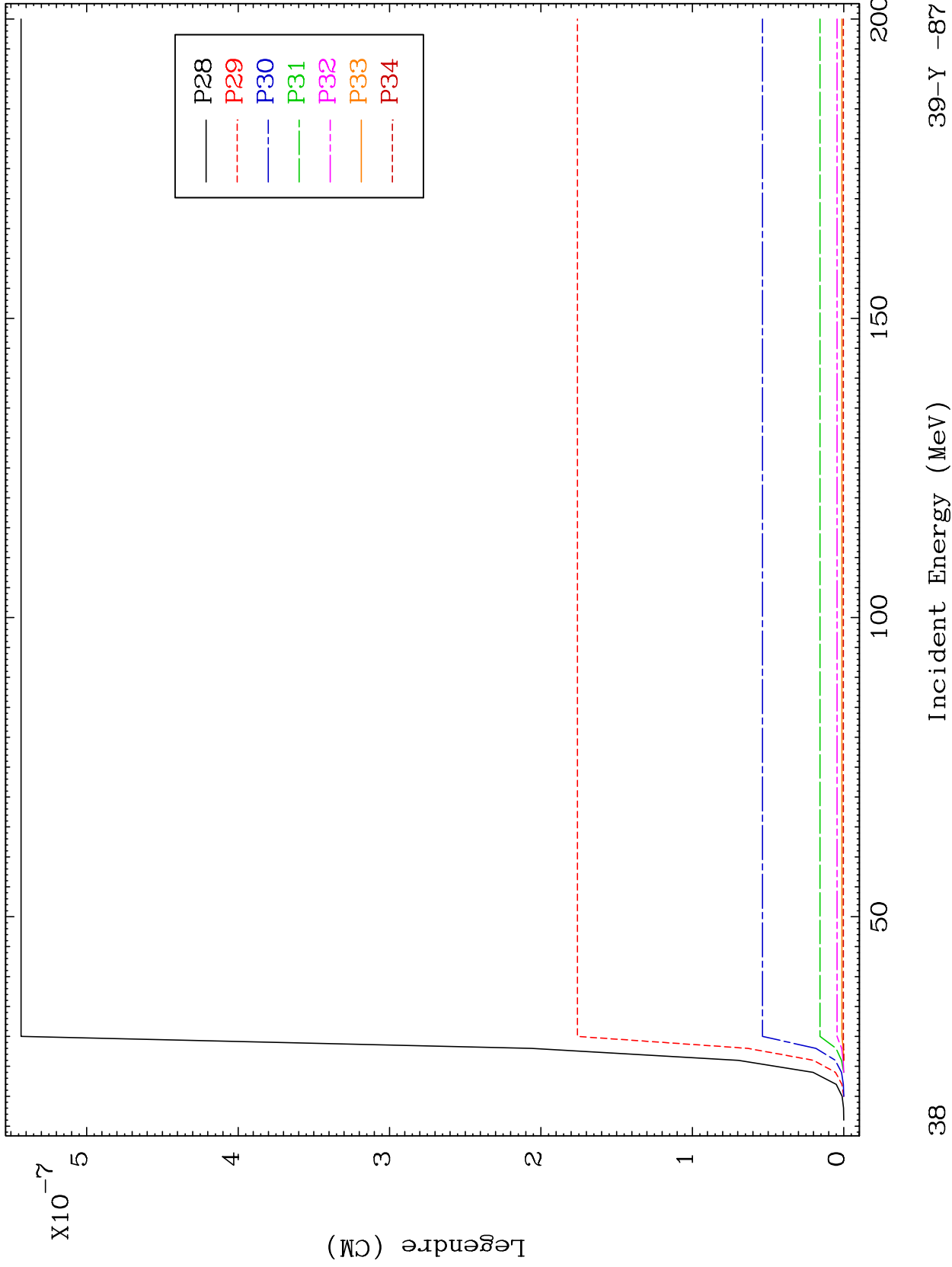
Incident Energy (MeV)

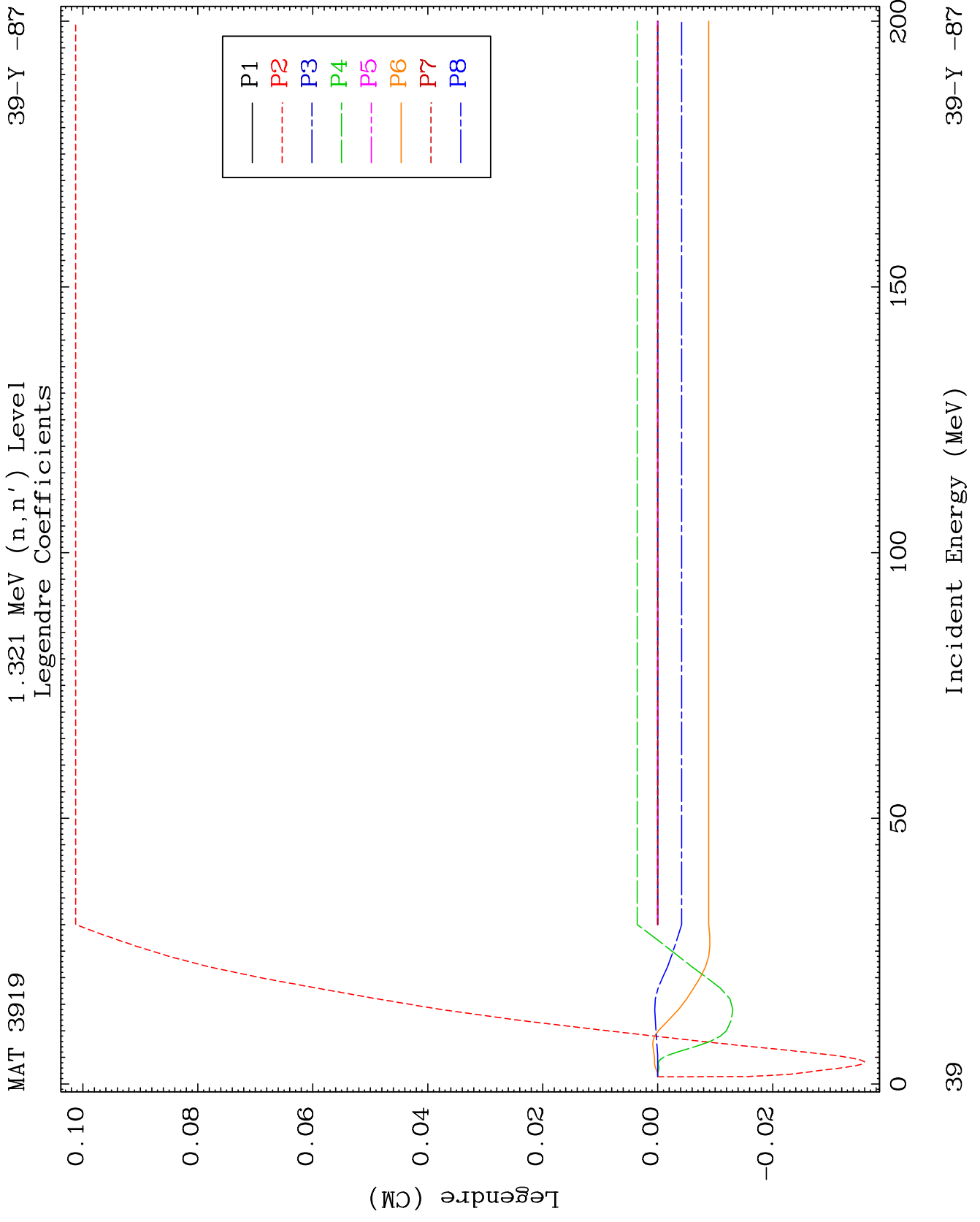
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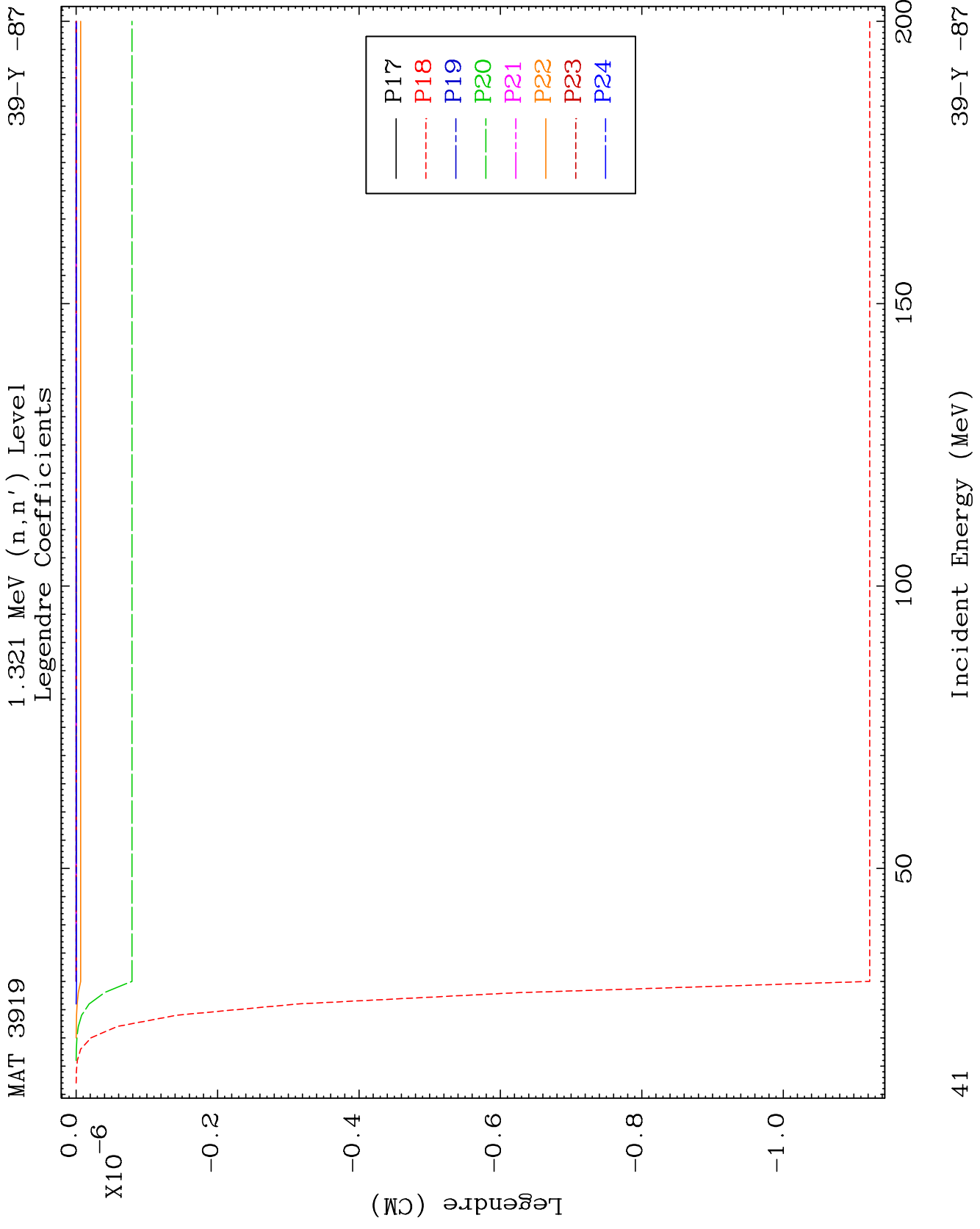
MAT 3919

1.203 MeV (n,n') Level
Legendre Coefficients

39-Y -87



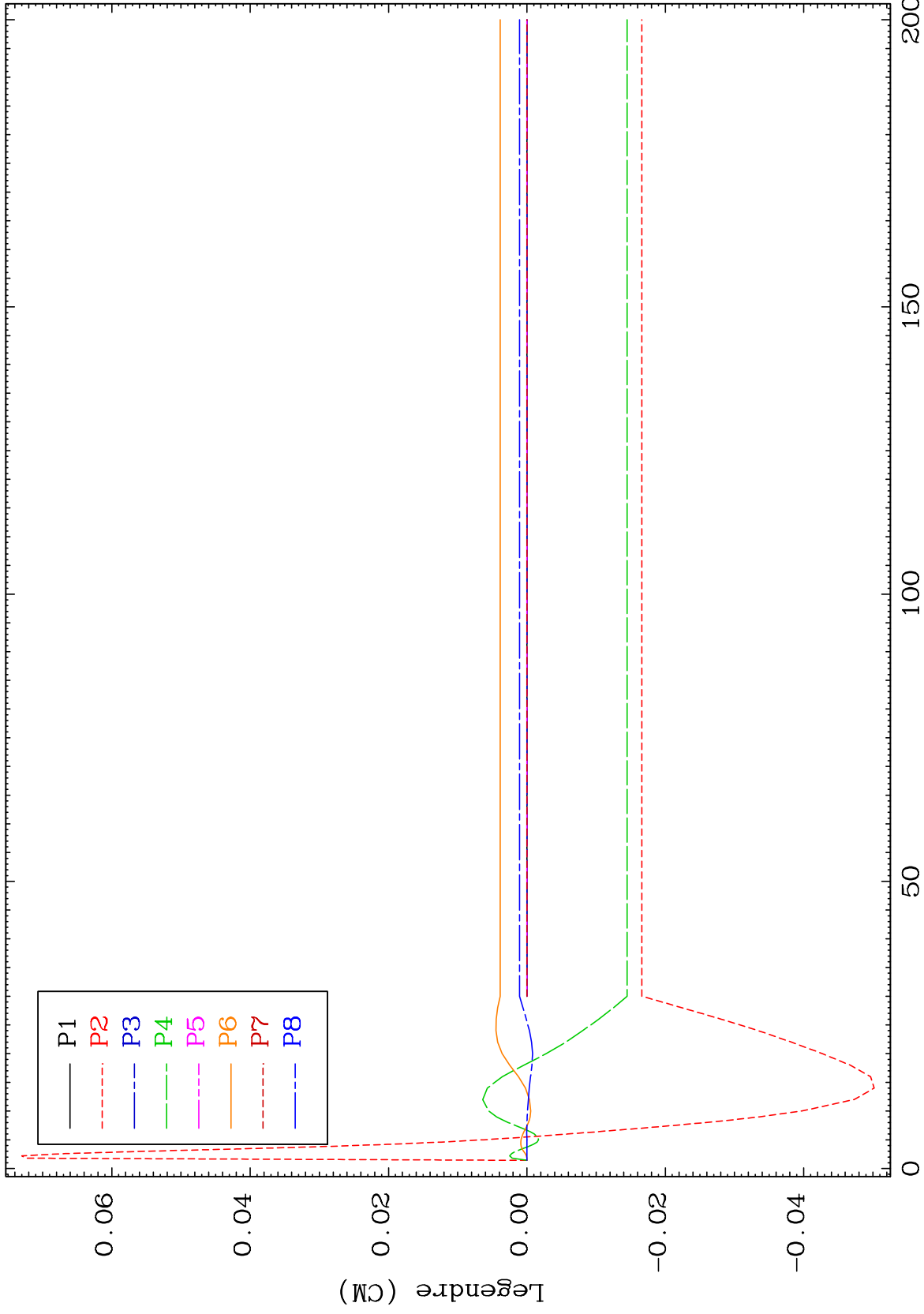




MAT 3919

1.404 MeV (n,n') Level
Legendre Coefficients

39-Y -87



Incident Energy (MeV)

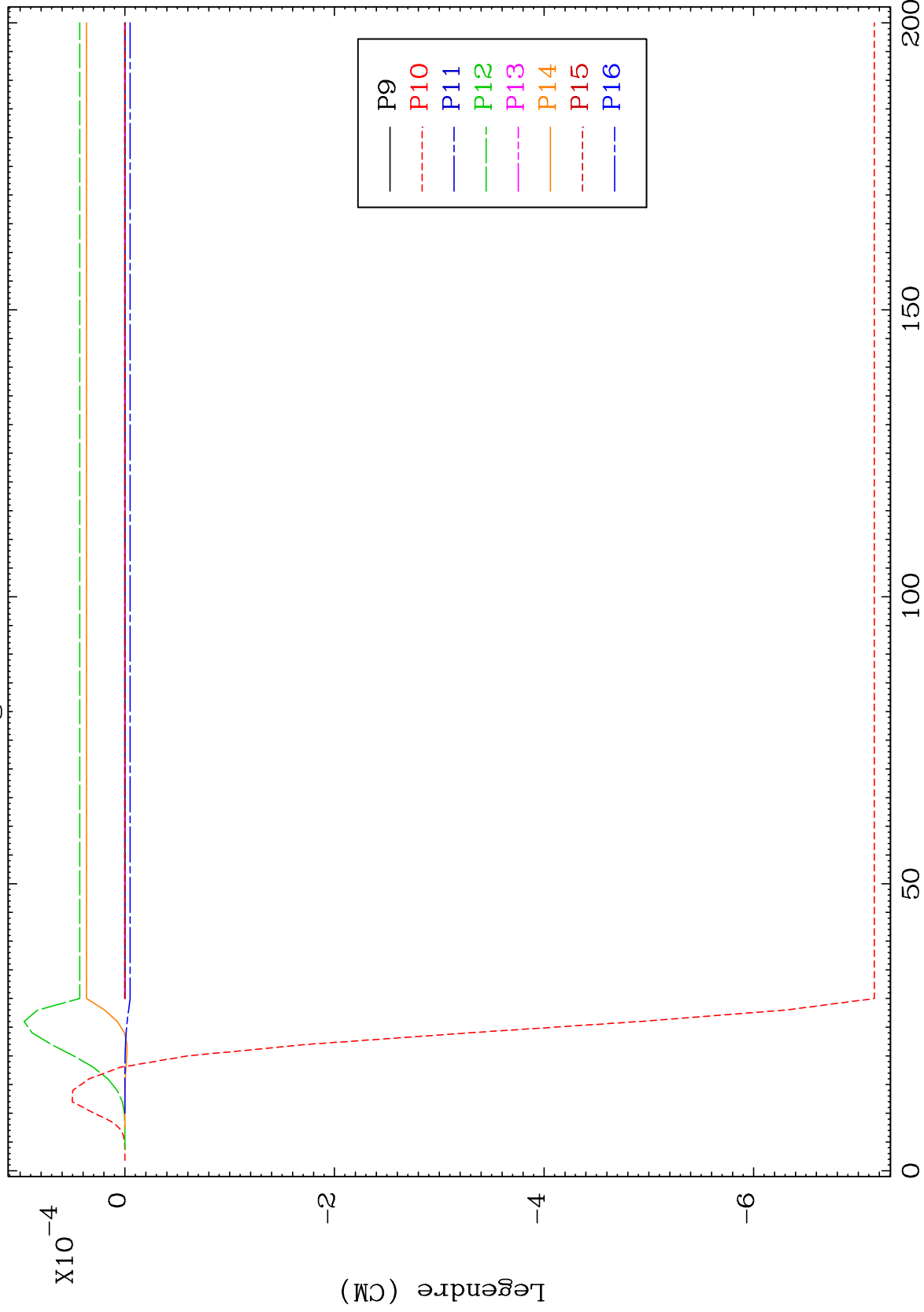
39-Y -87

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MAT 3919

1.404 MeV (n,n') Level
Legendre Coefficients

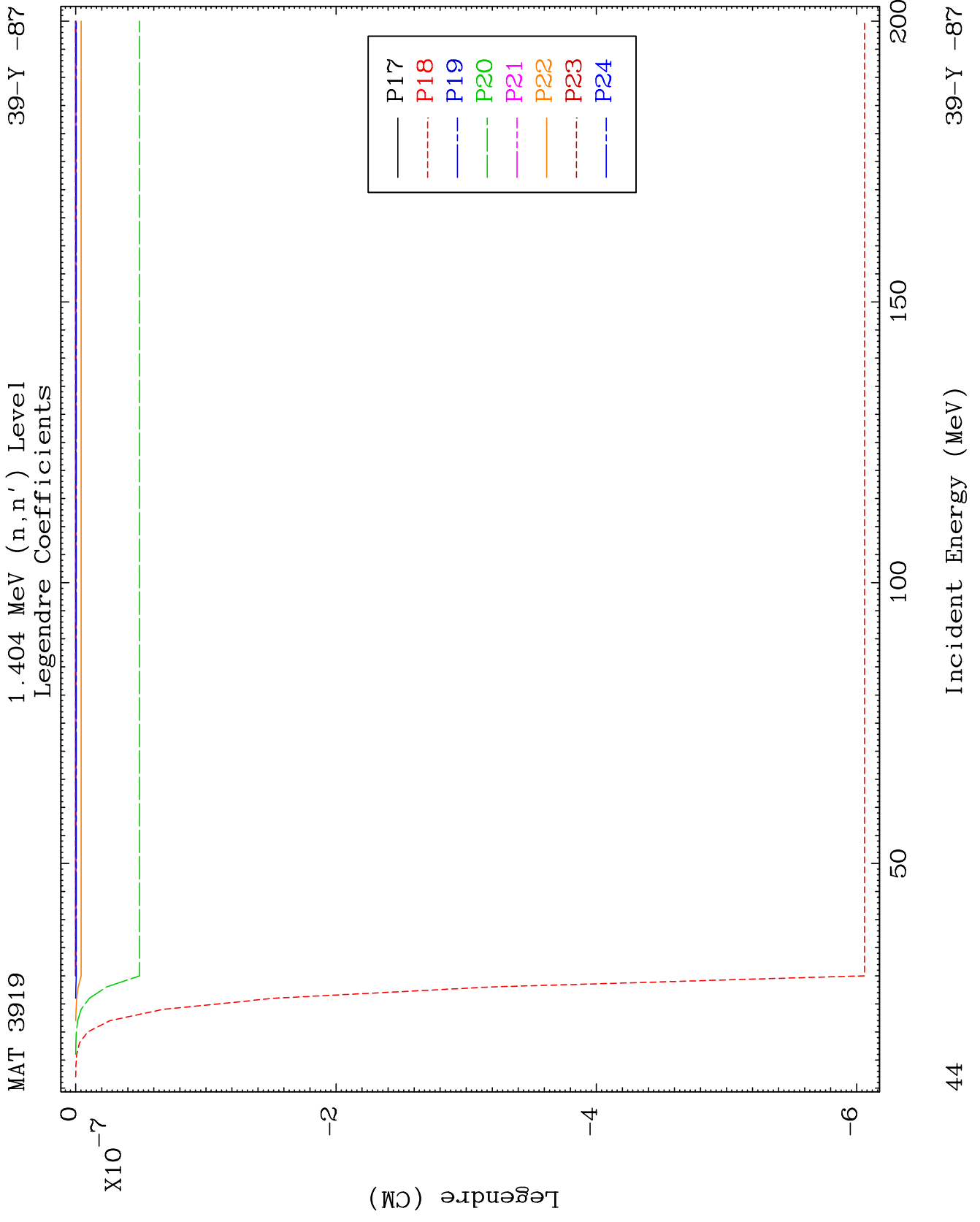
39-Y -87

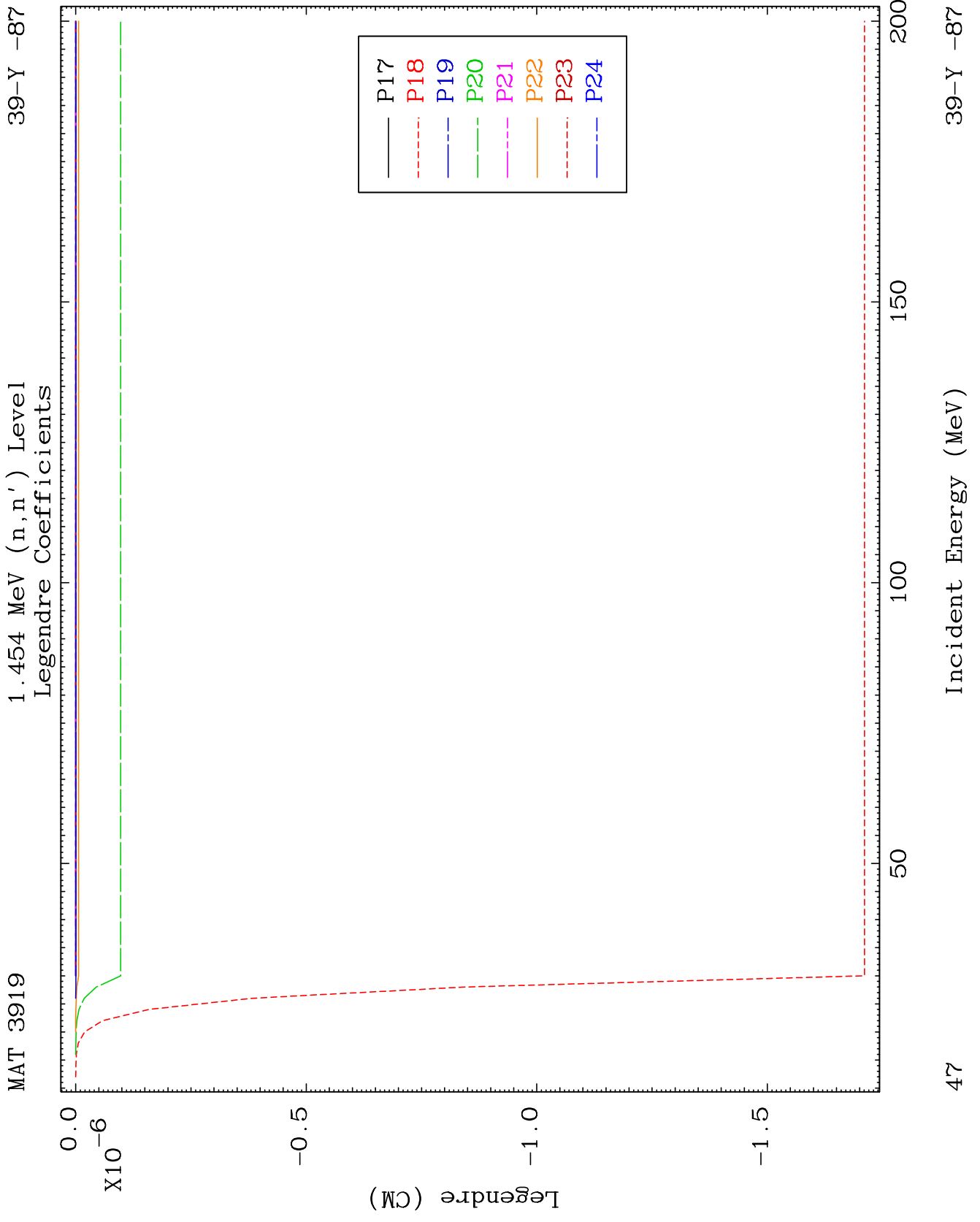


43

Incident Energy (MeV)

39-Y -87

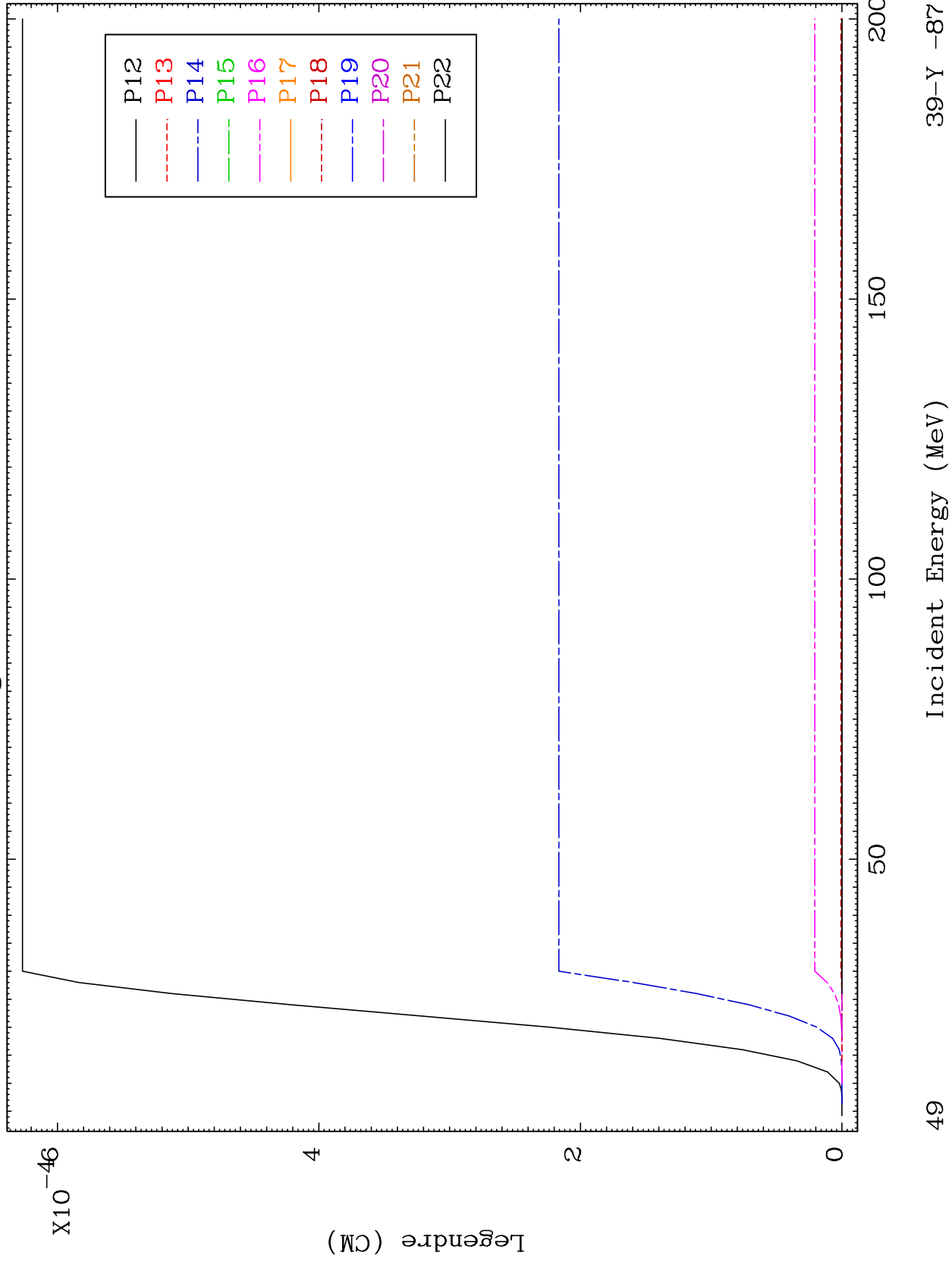


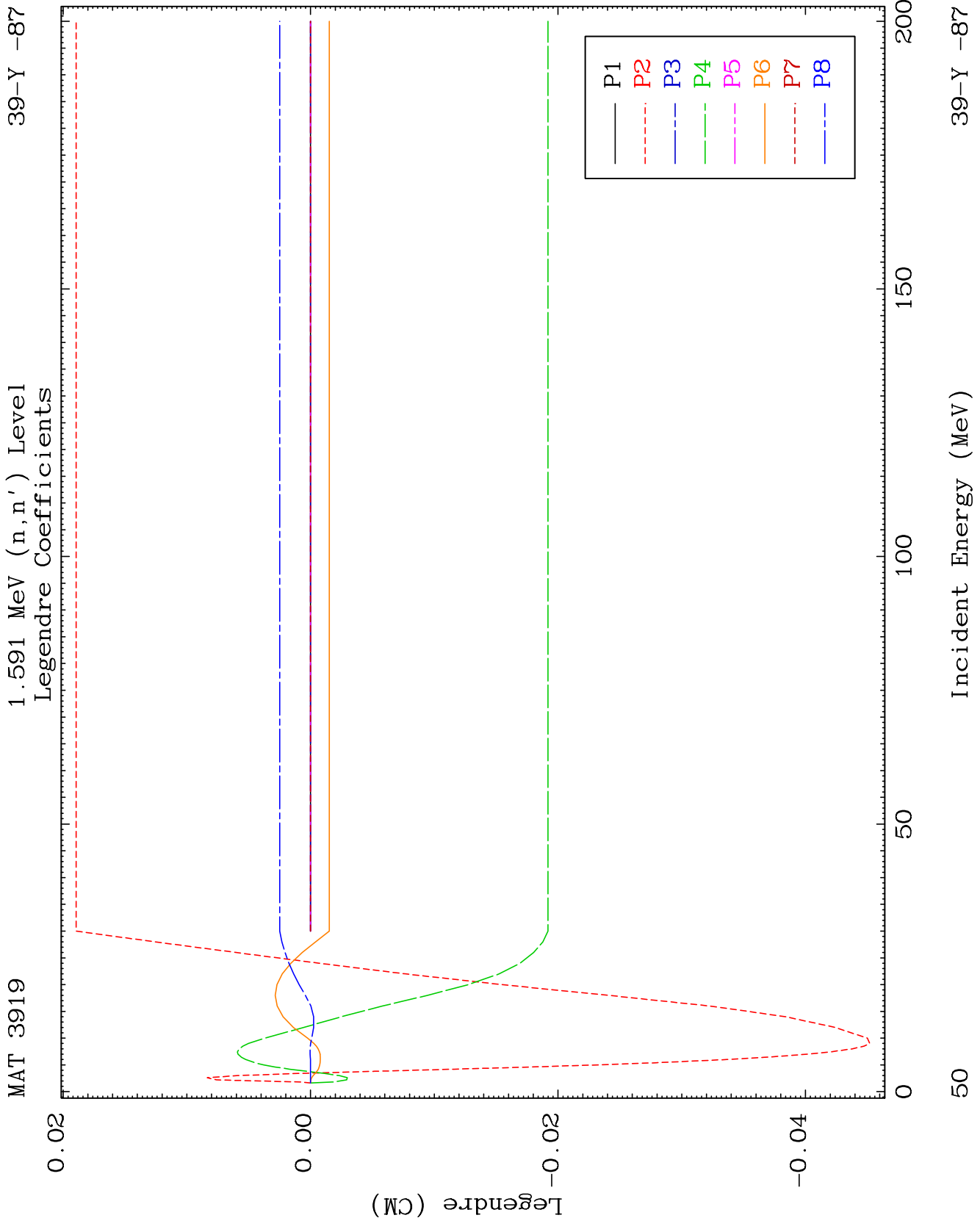


MAT 3919

1.504 MeV (n,n') Level
Legendre Coefficients

39-Y -87

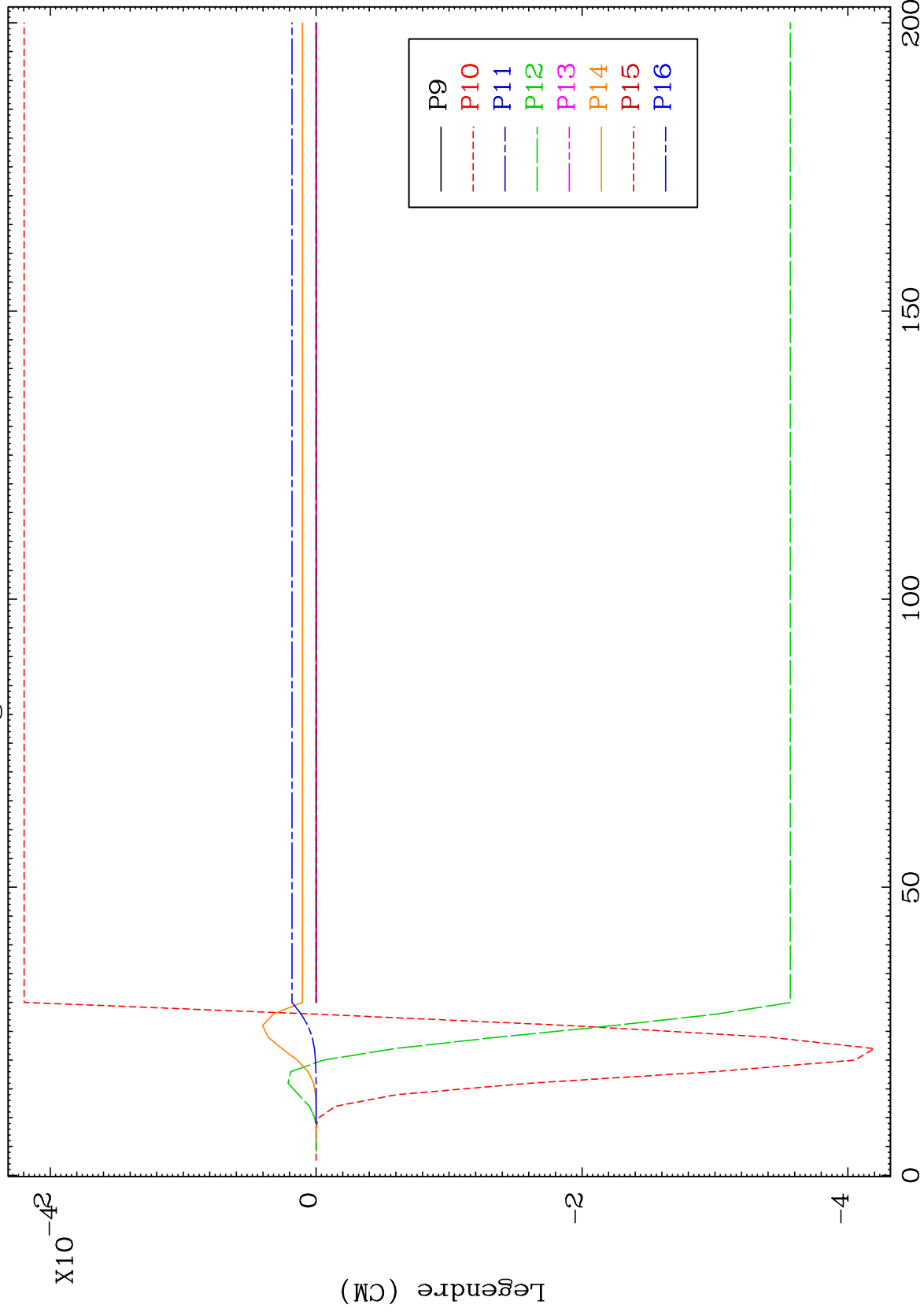




MAT 3919

1.591 MeV (n,n') Level
Legendre Coefficients

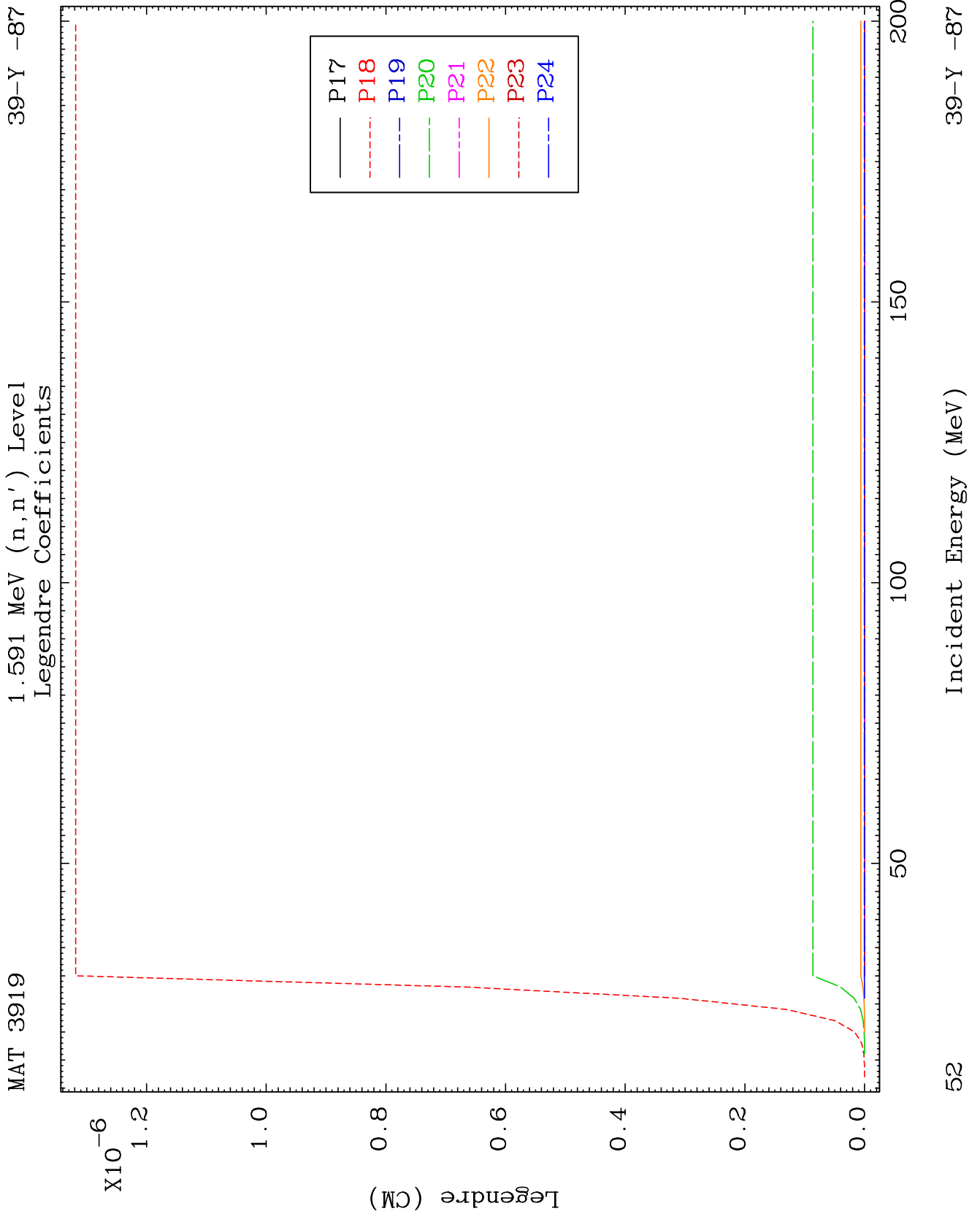
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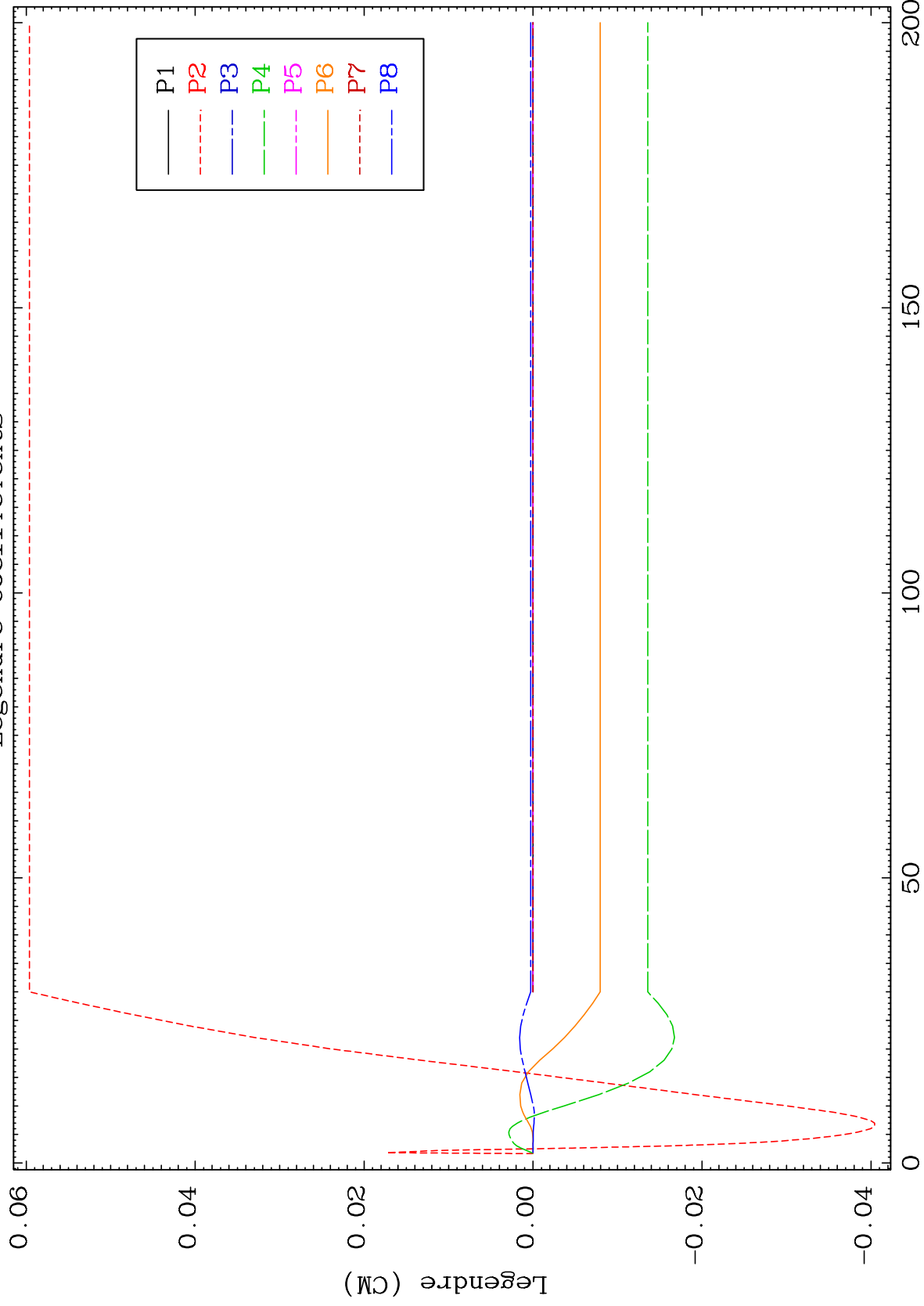


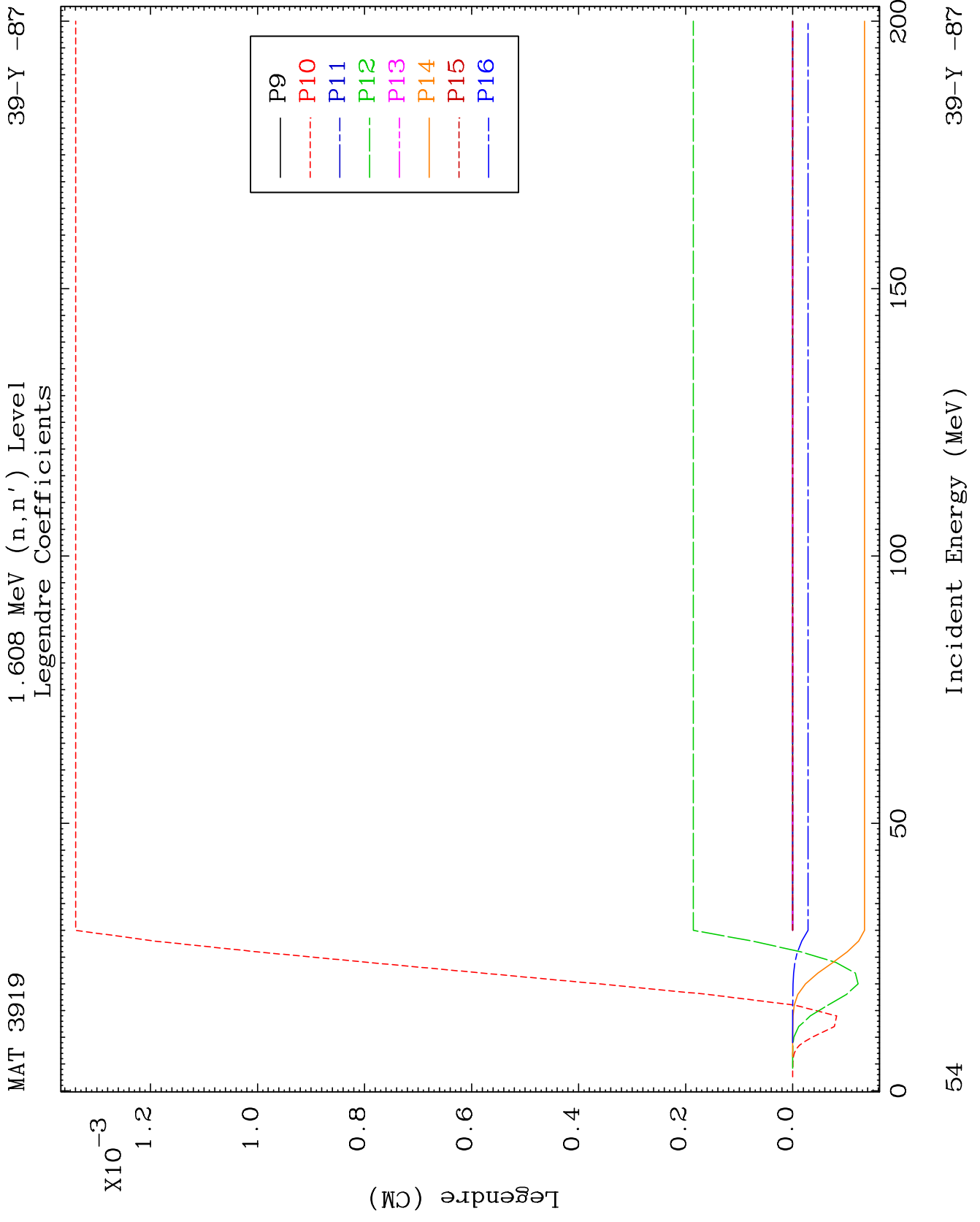
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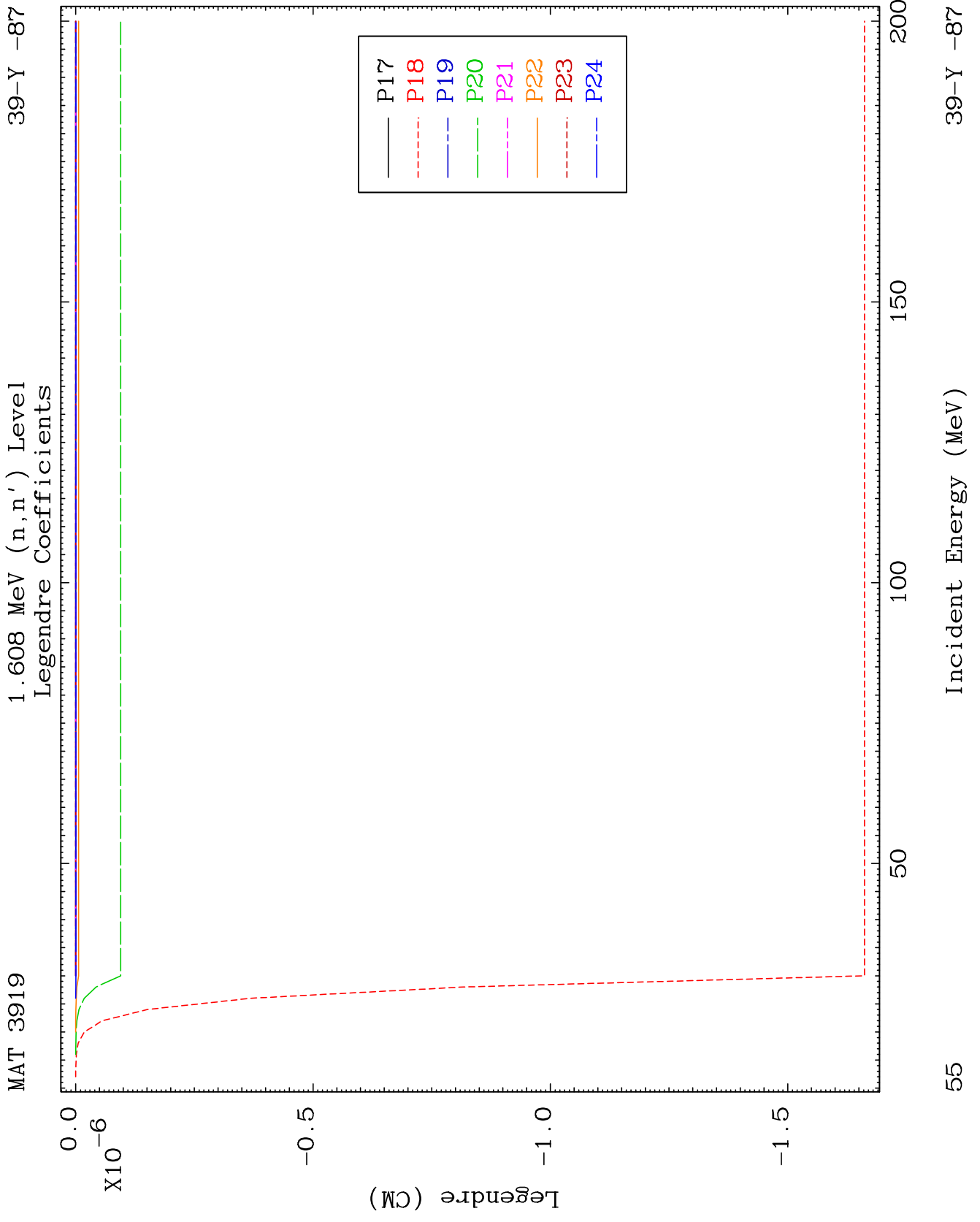
Incident Energy (MeV)

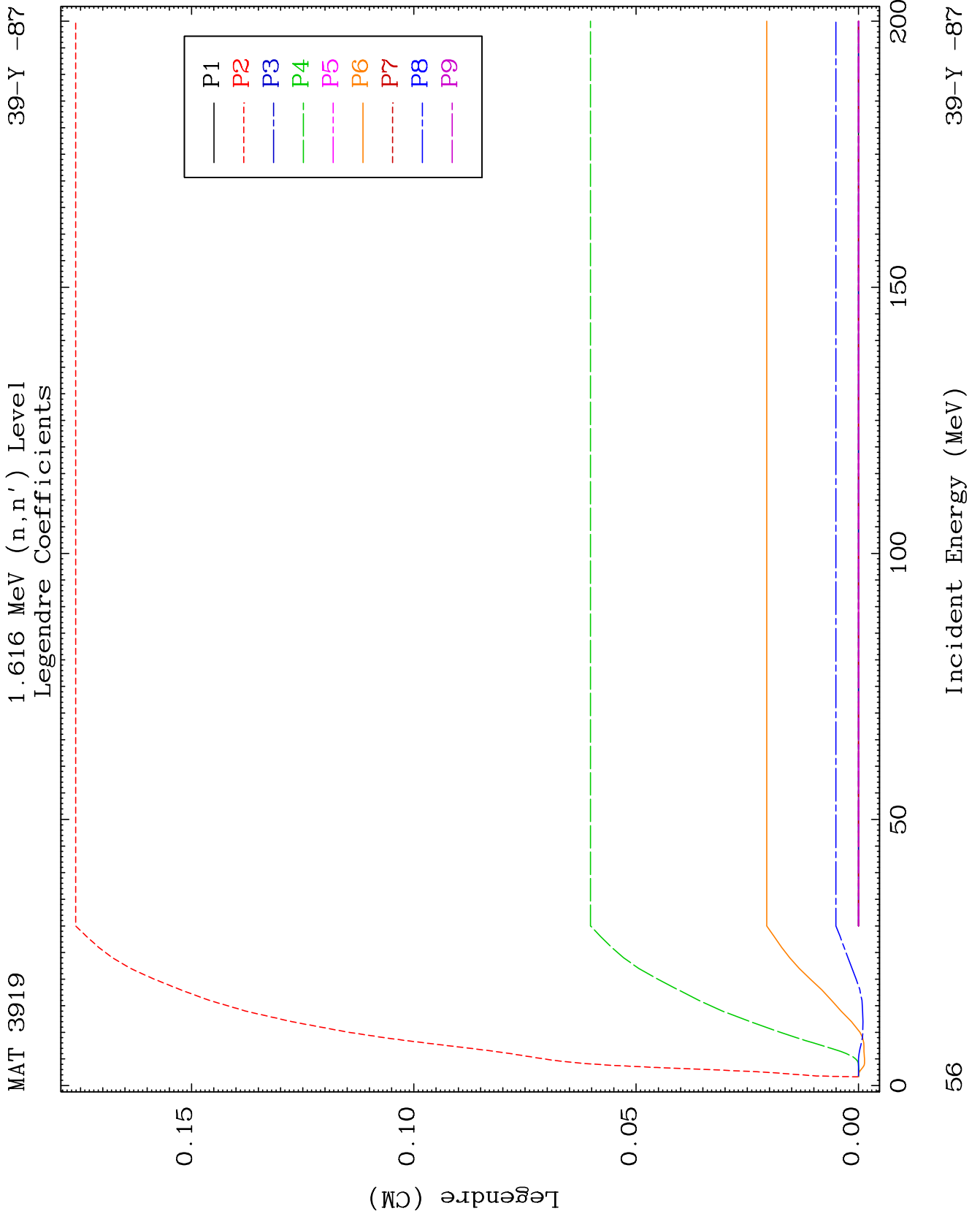
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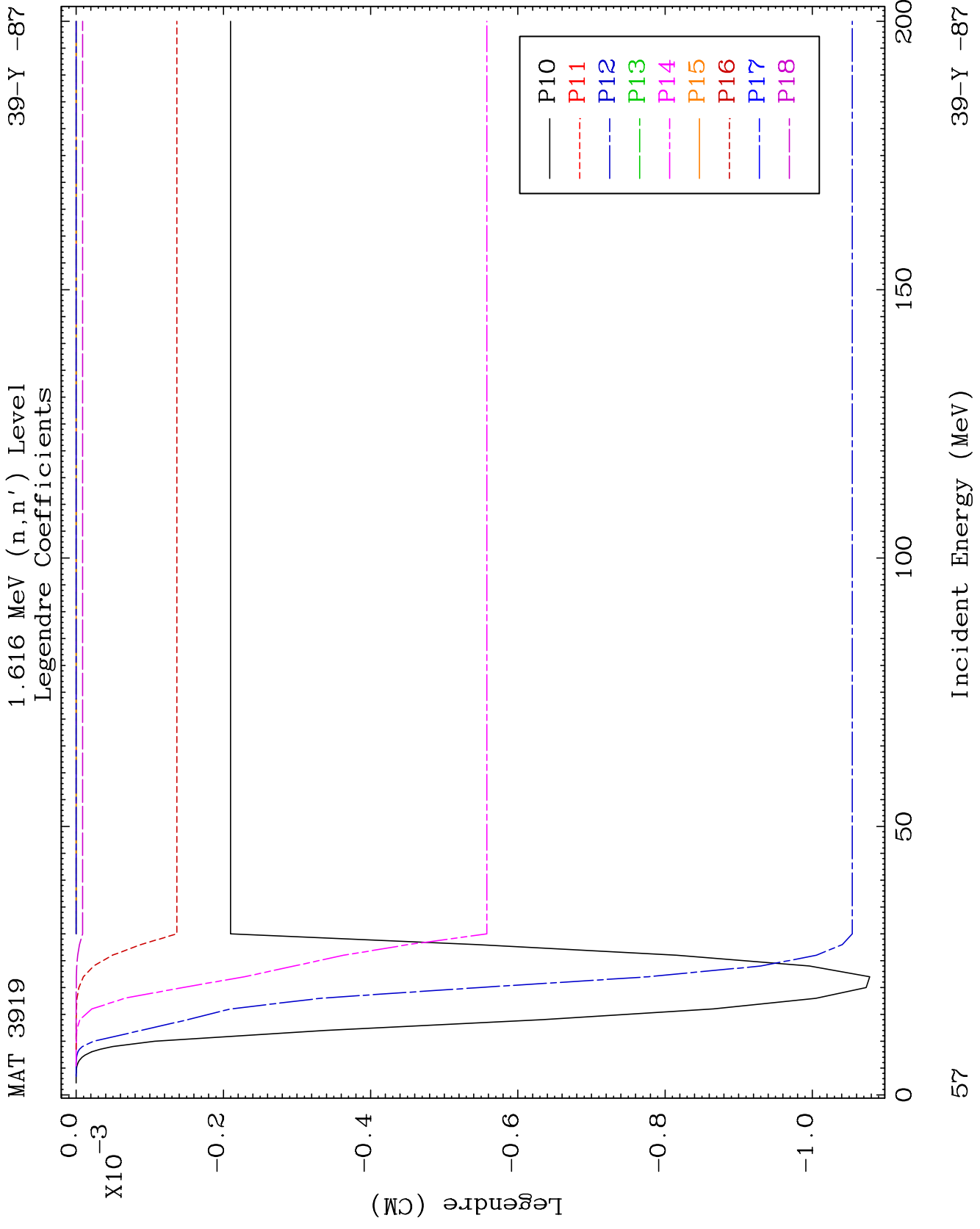


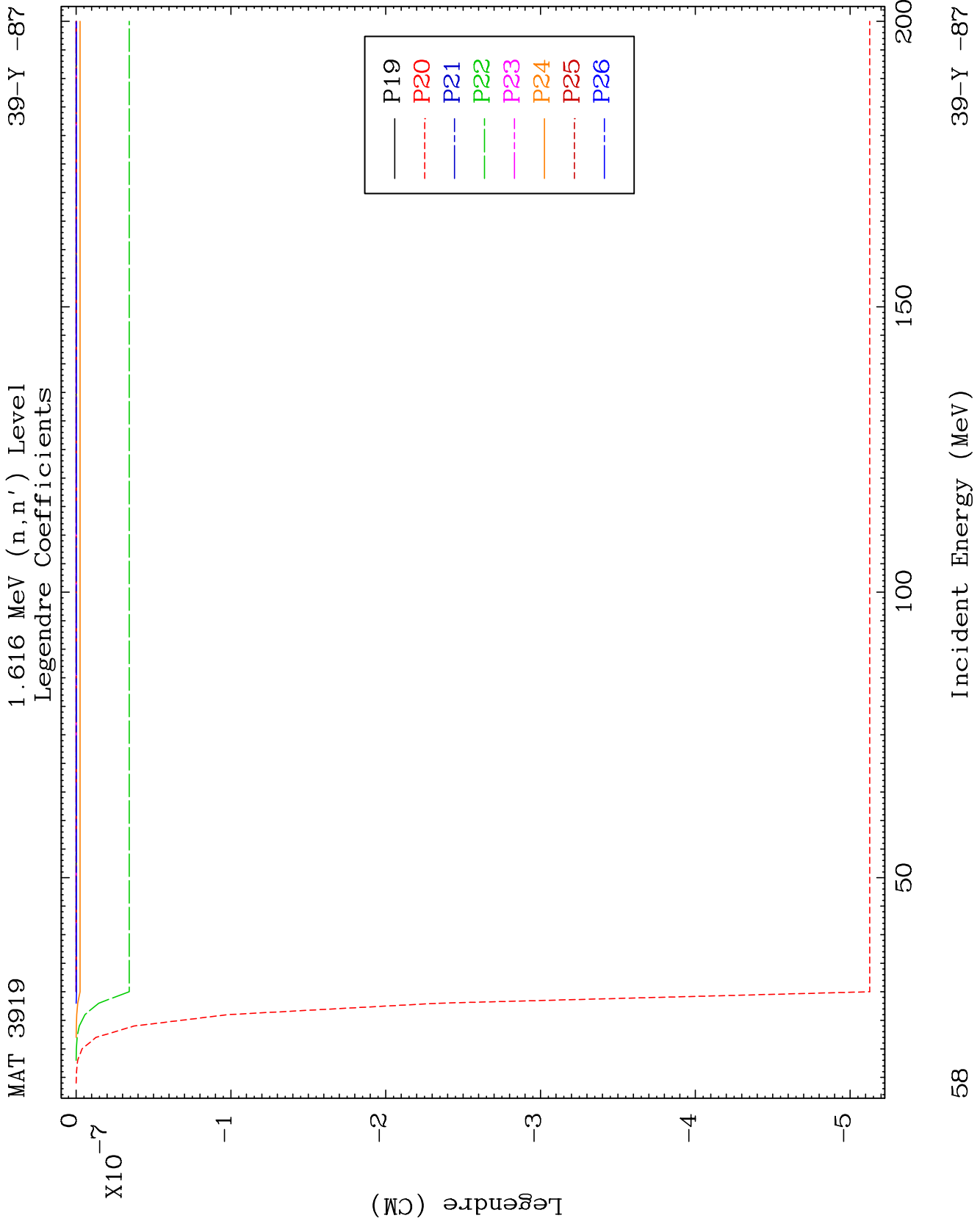


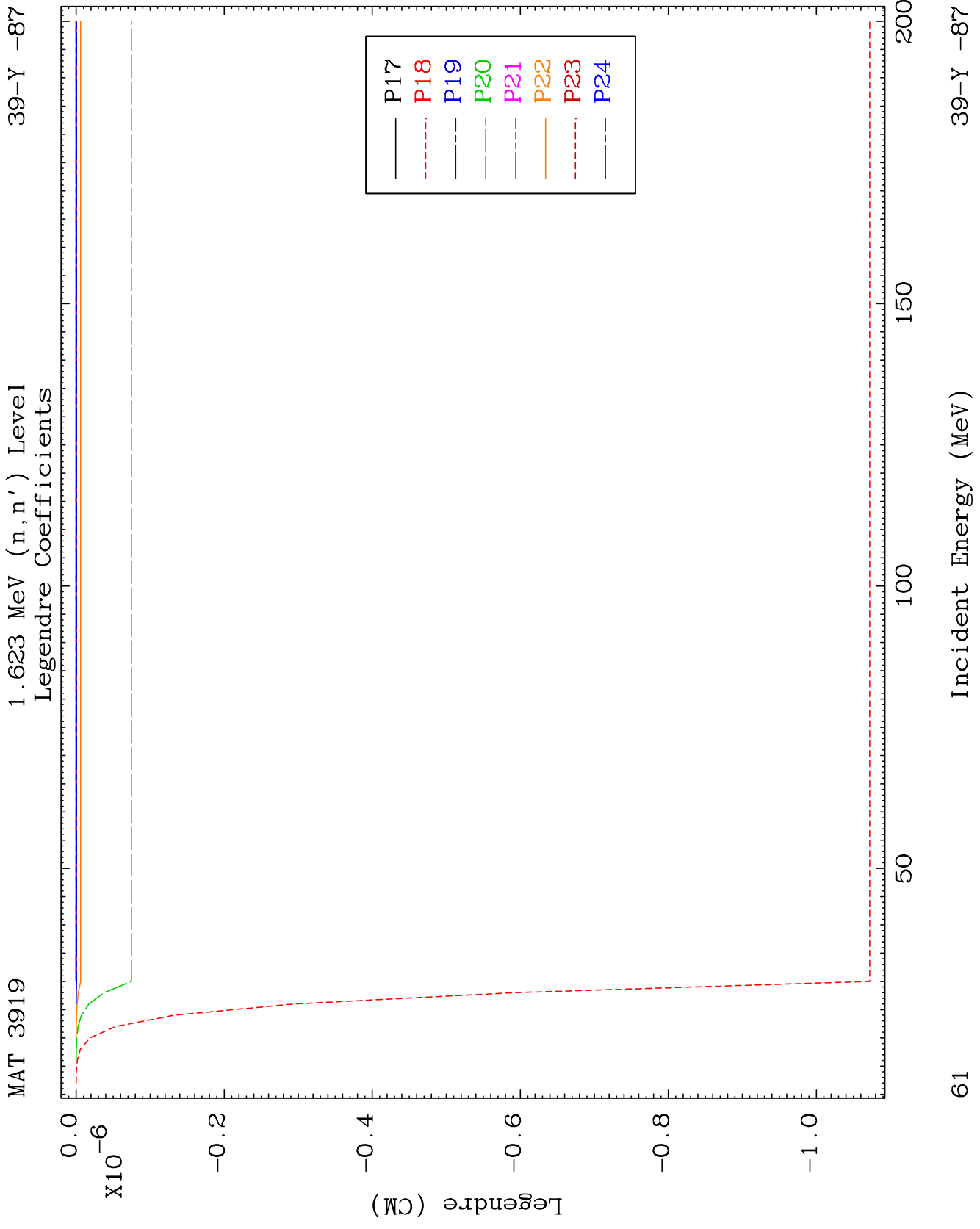


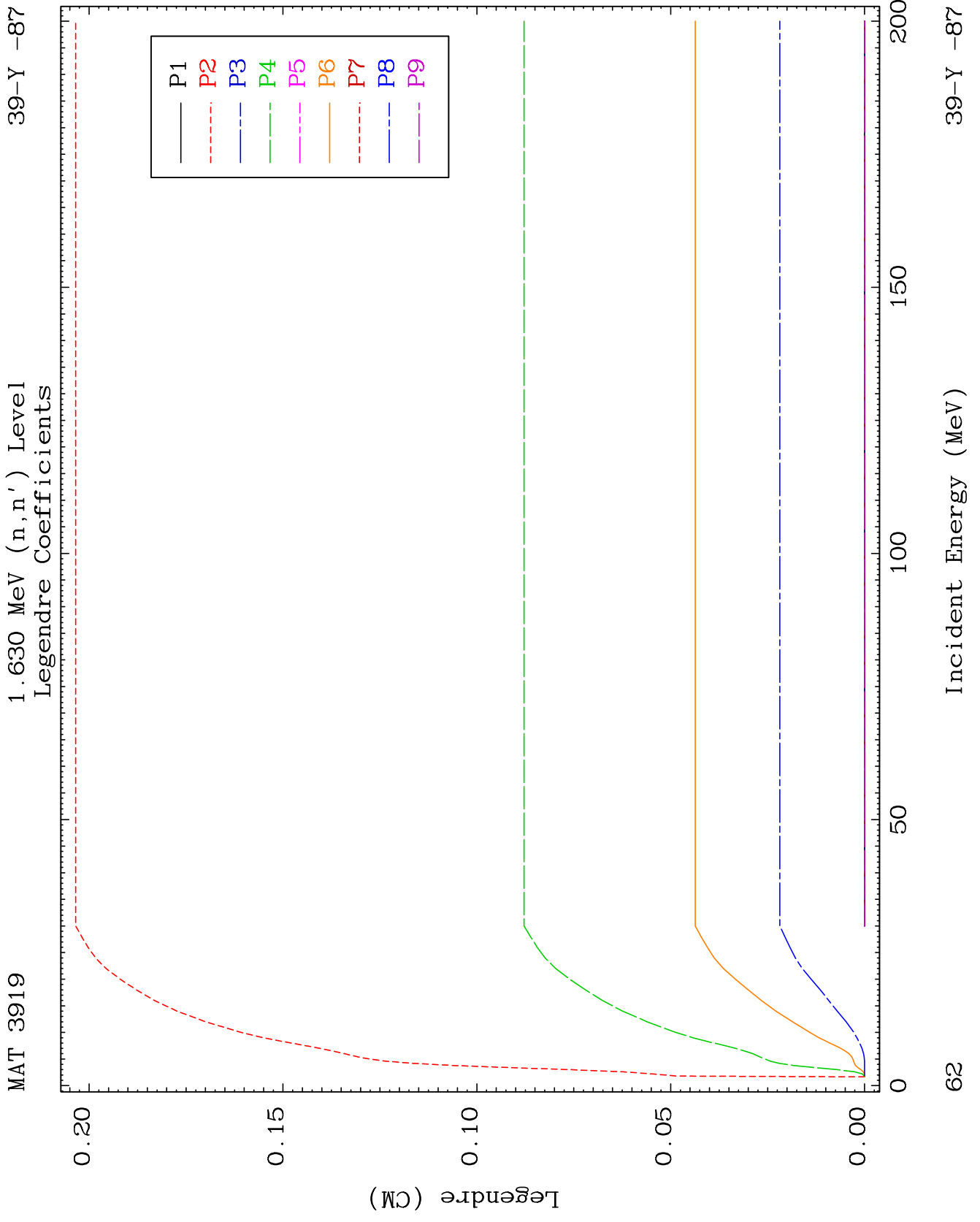


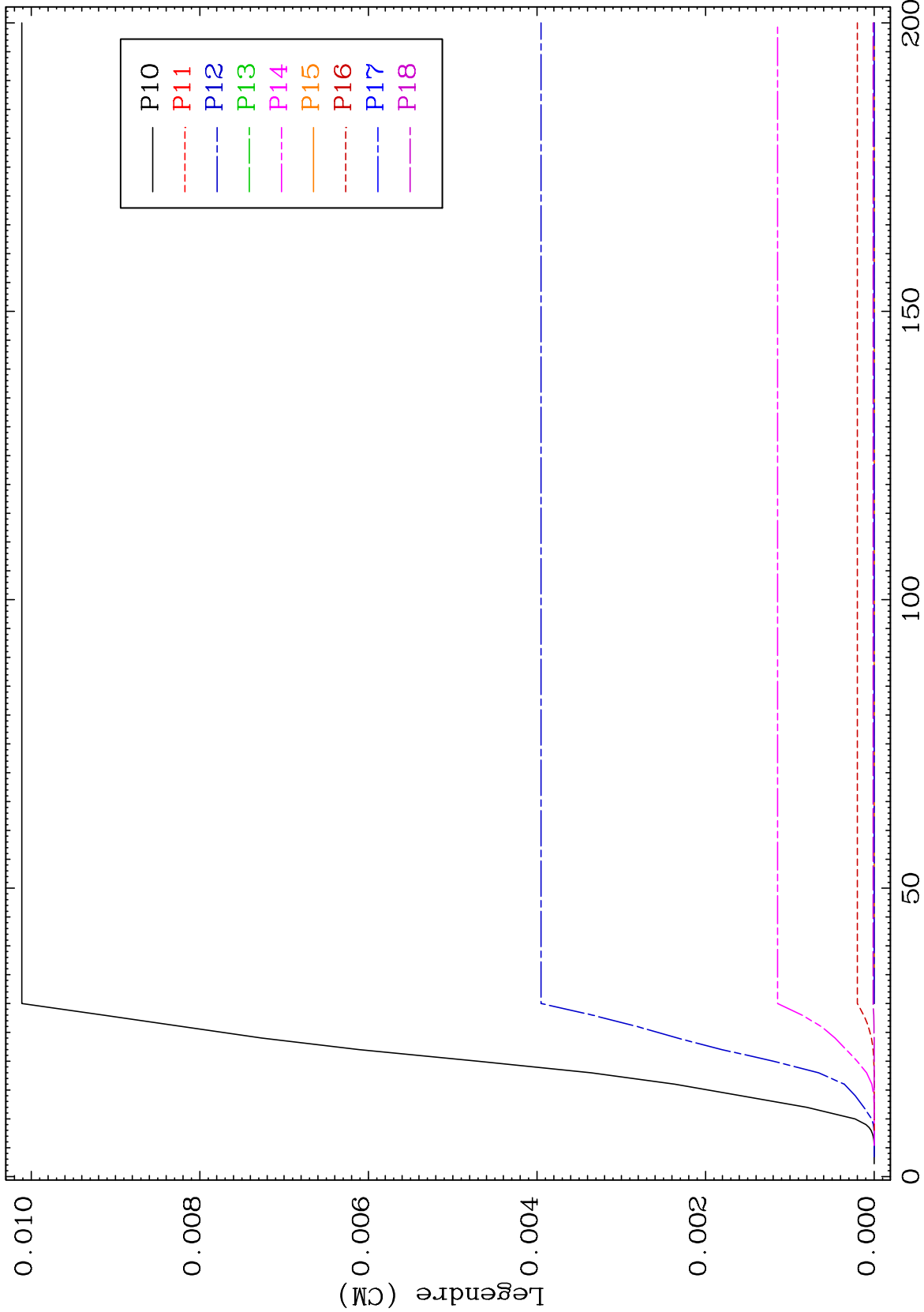


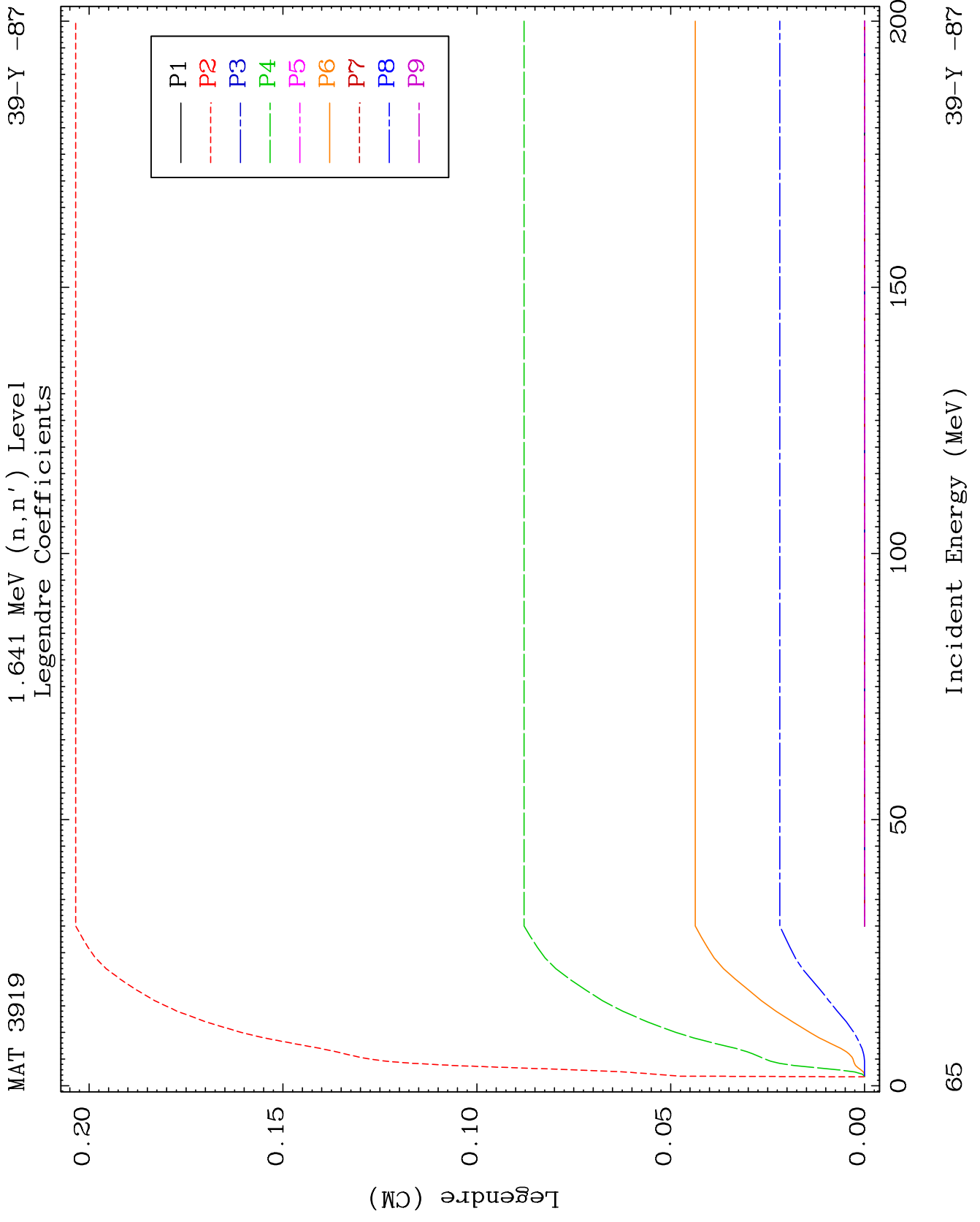


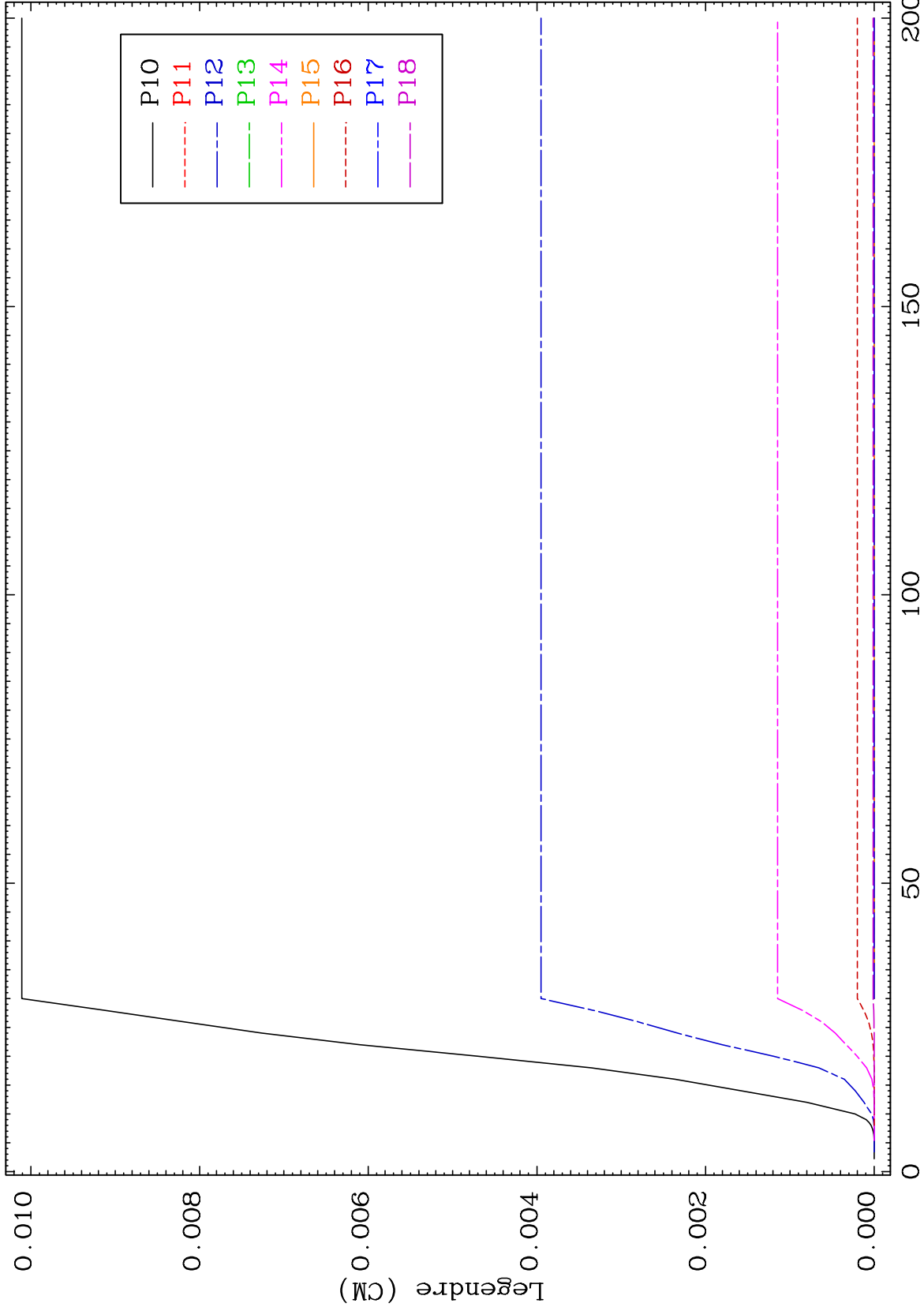


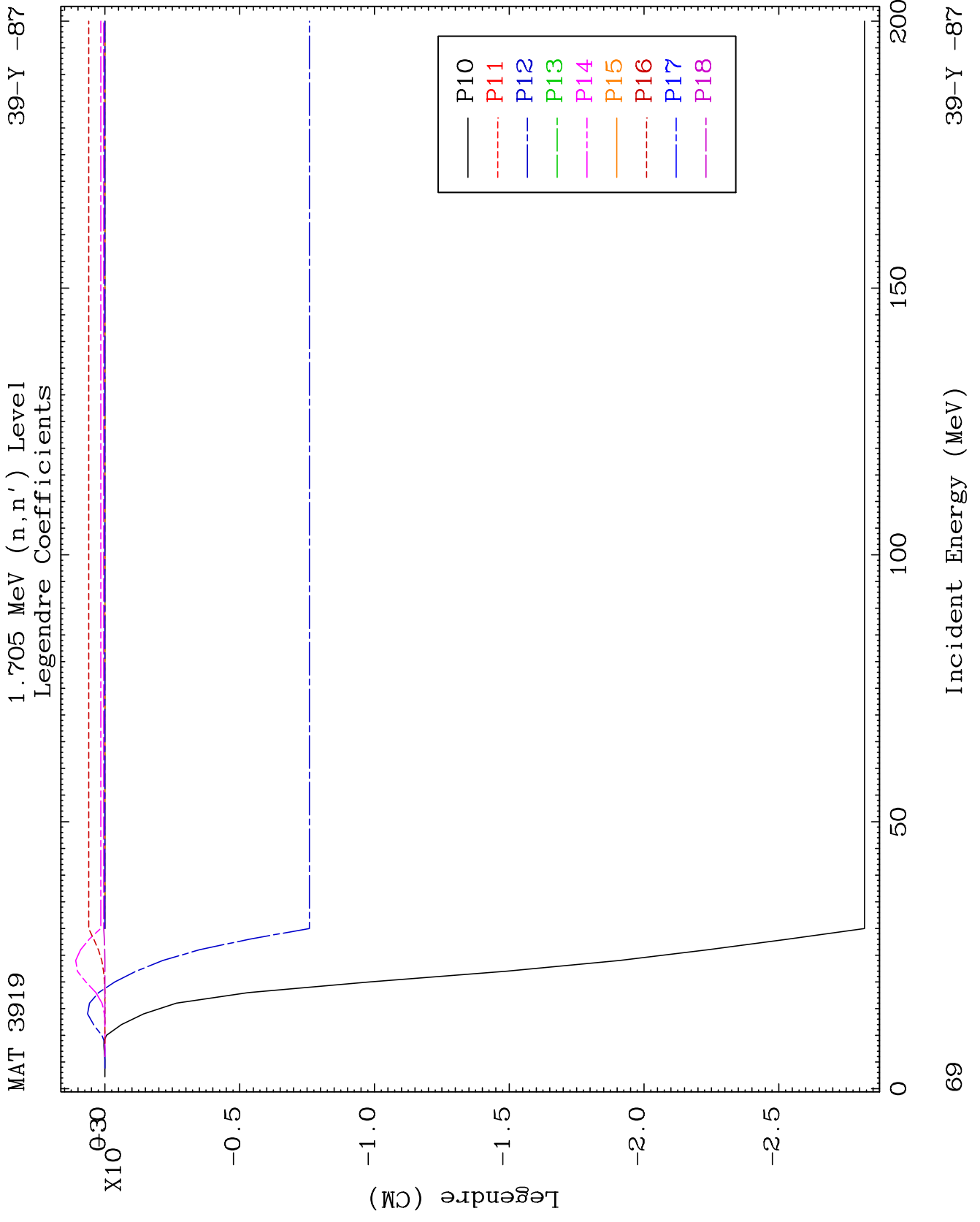


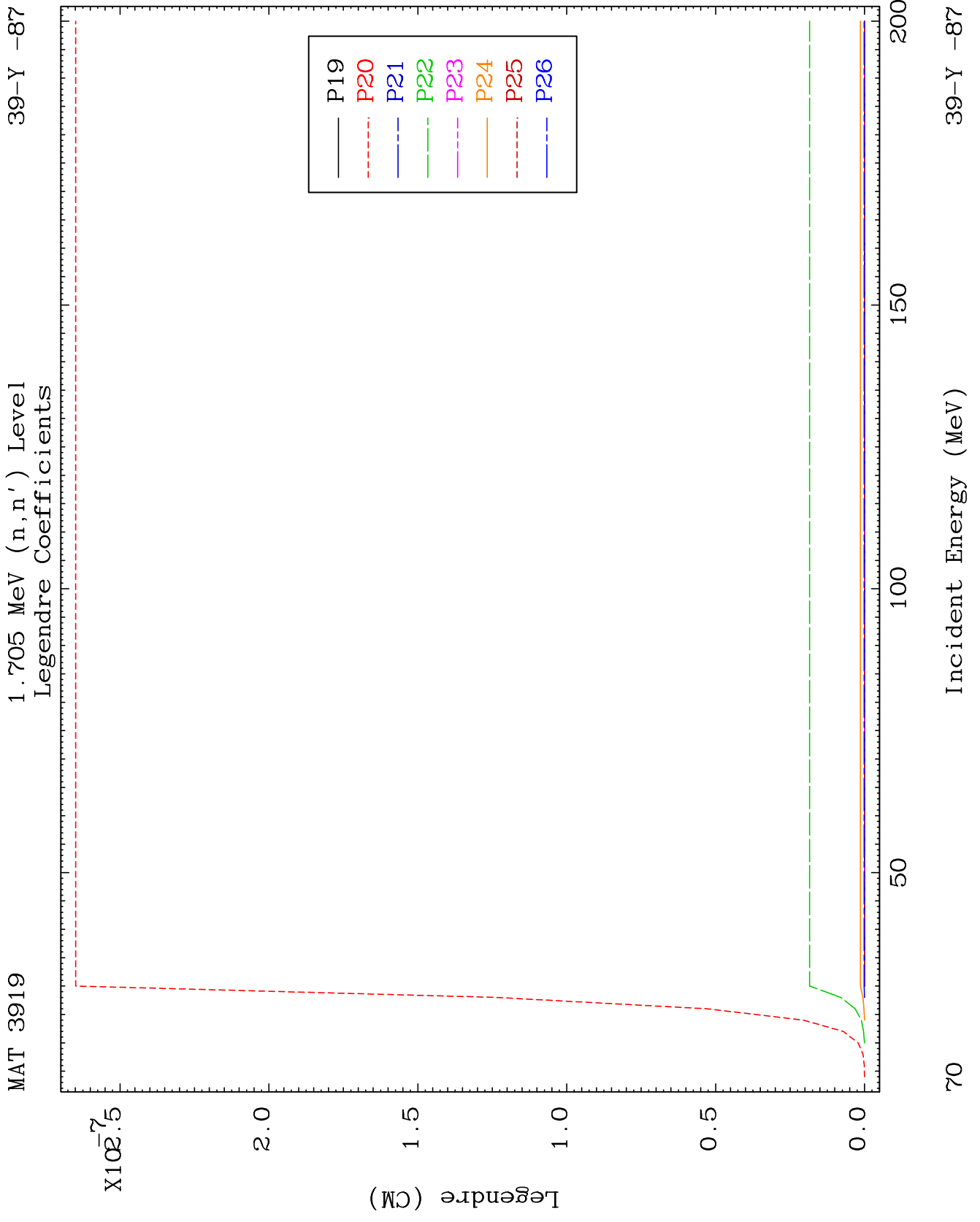


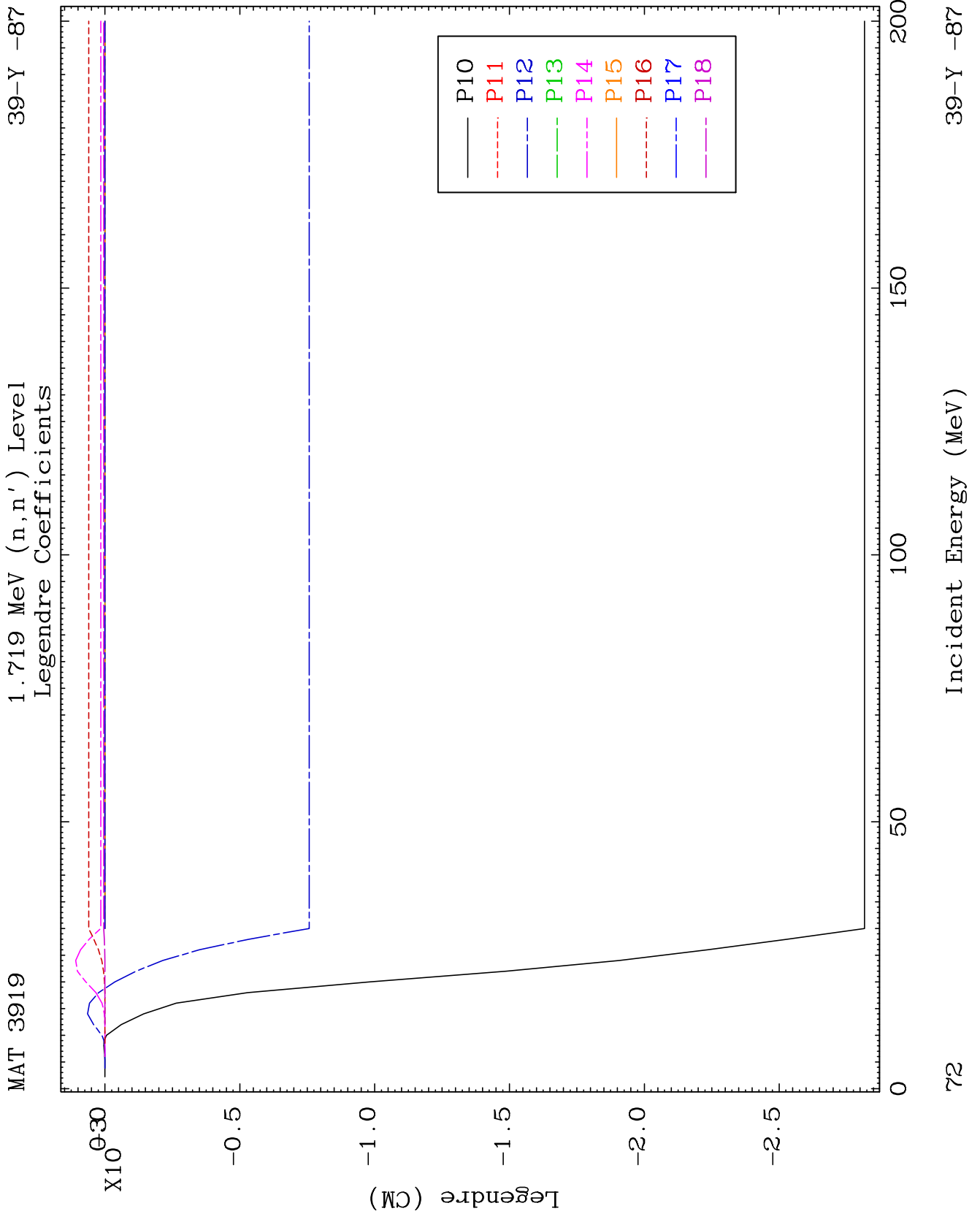


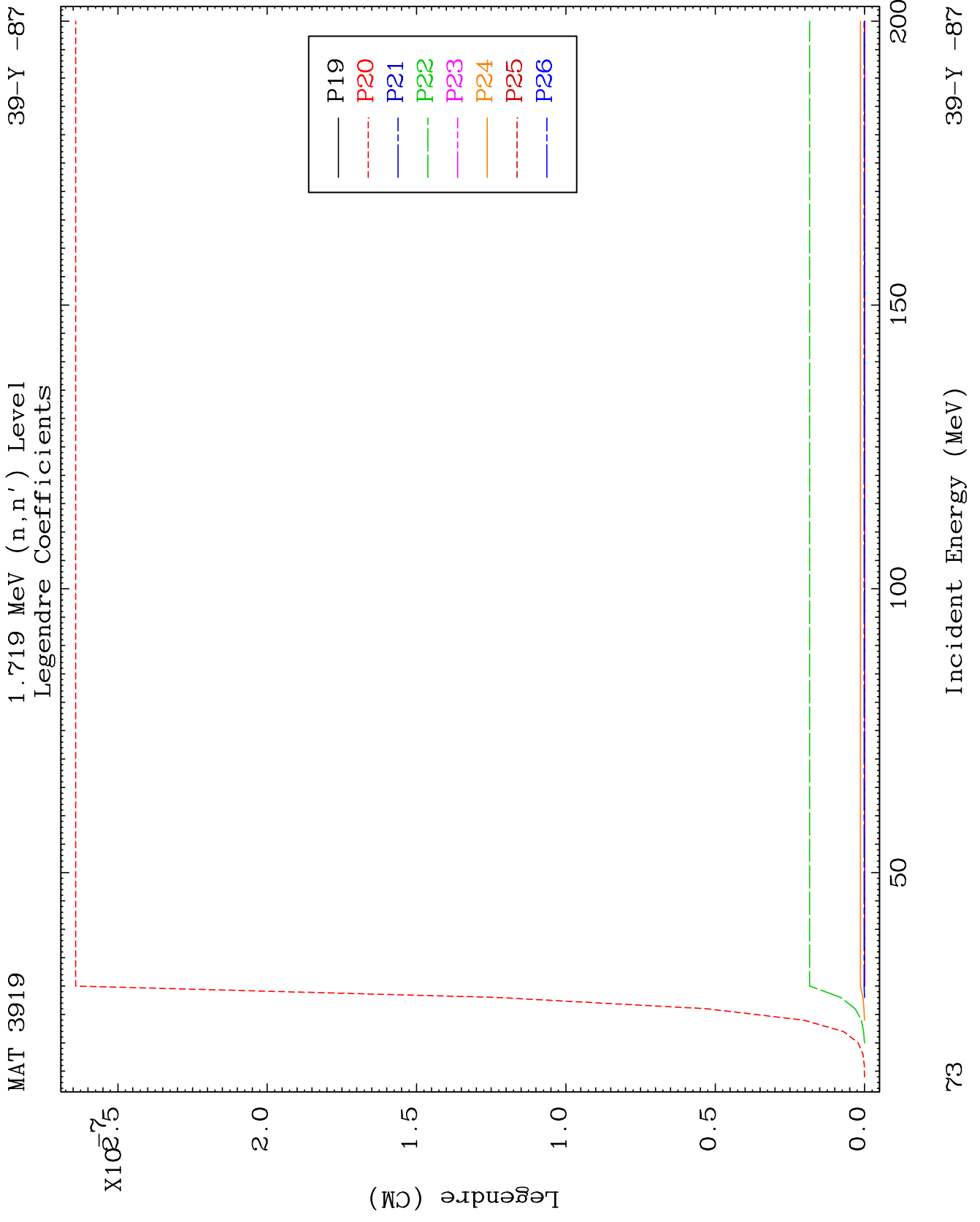


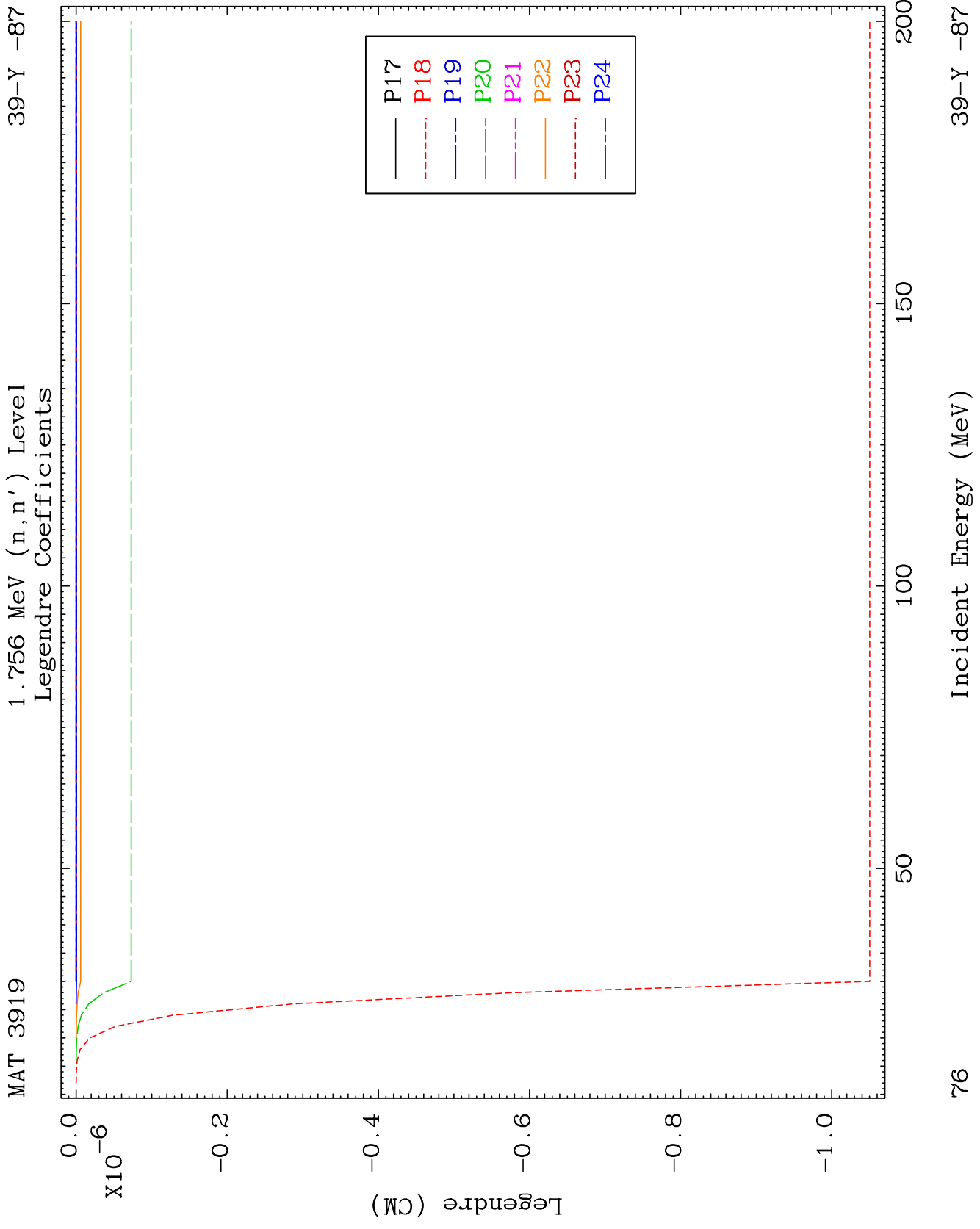


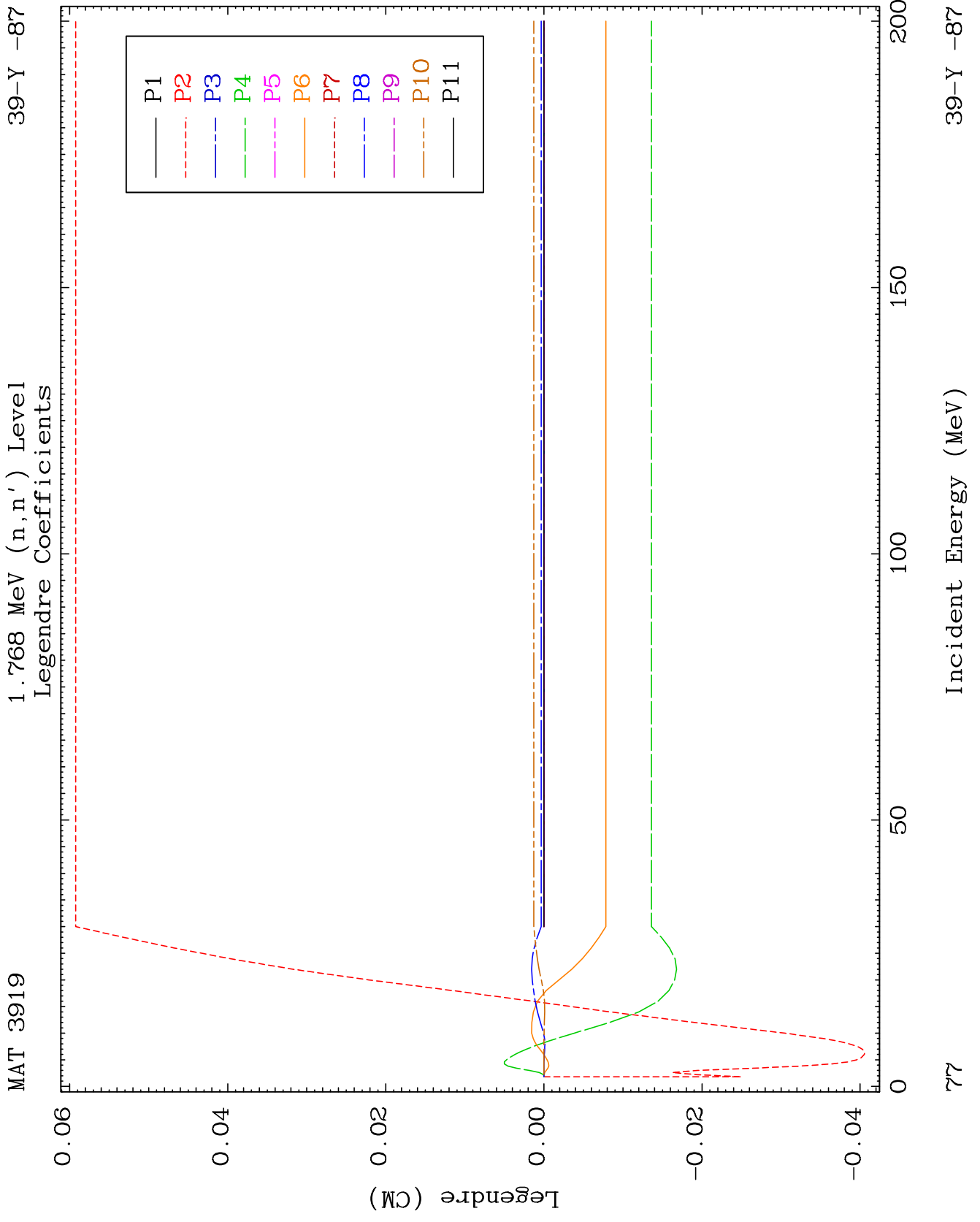








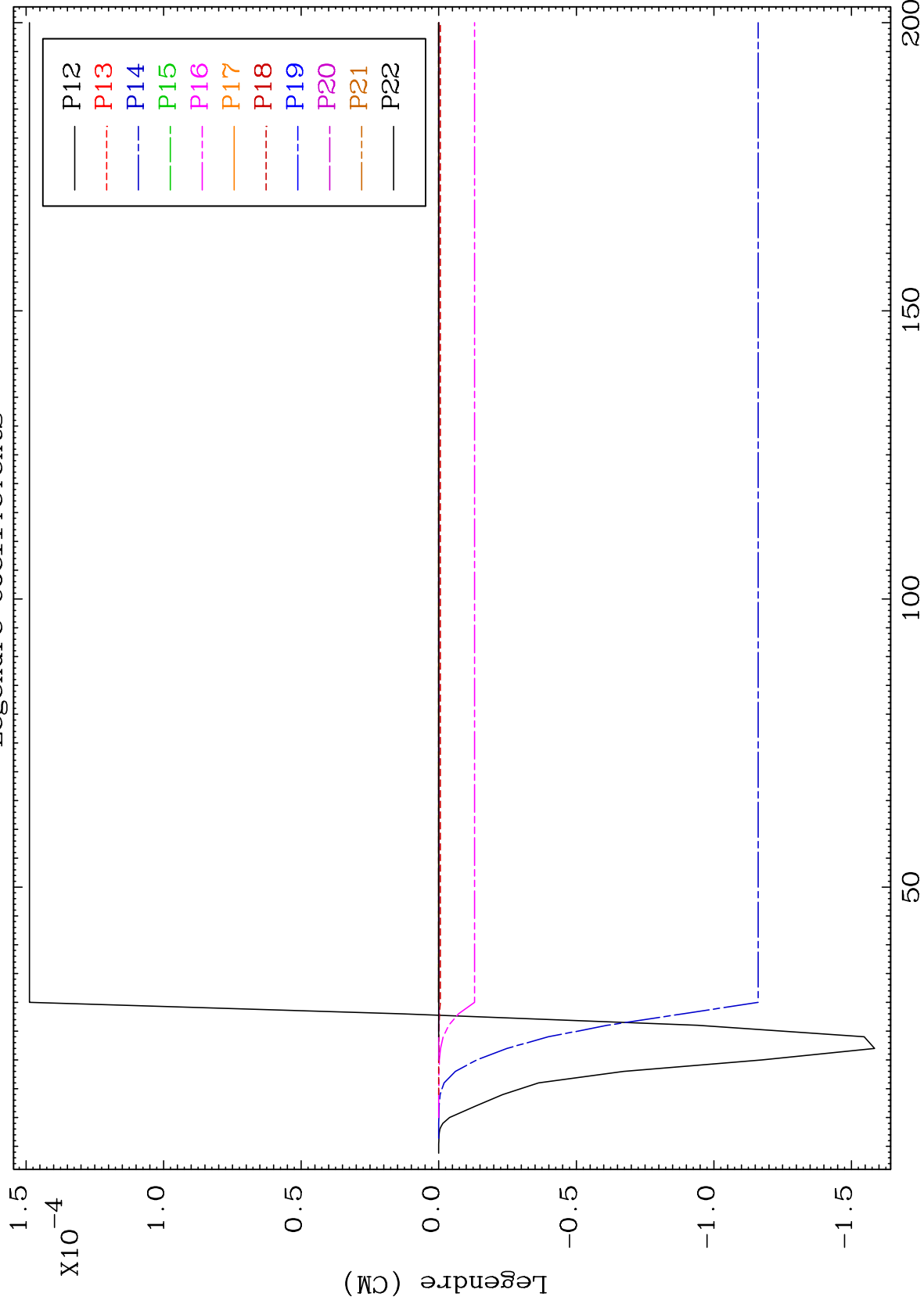




MAT 3919

1.768 MeV (n,n') Level
Legendre Coefficients

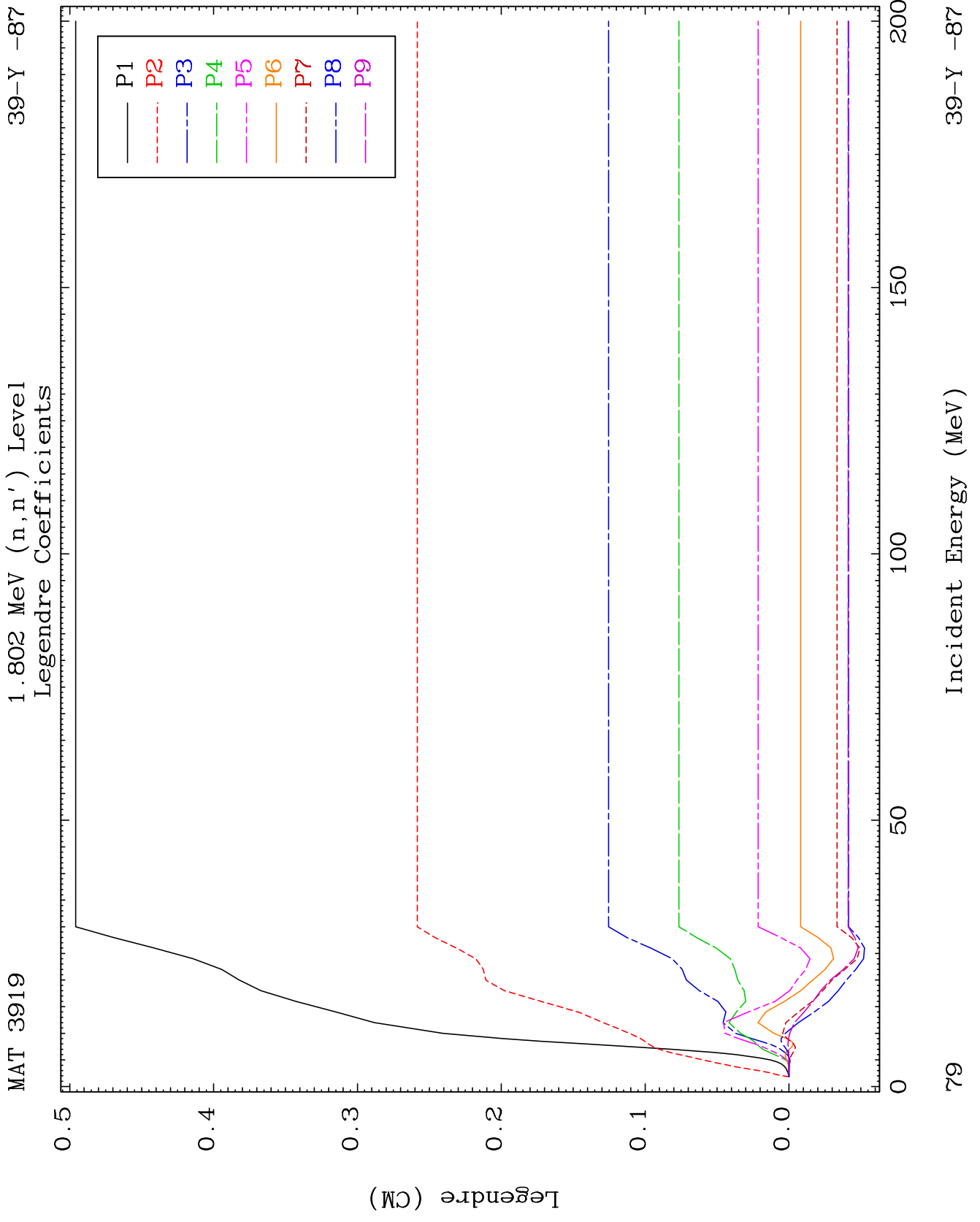
39-Y -87



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Incident Energy (MeV)

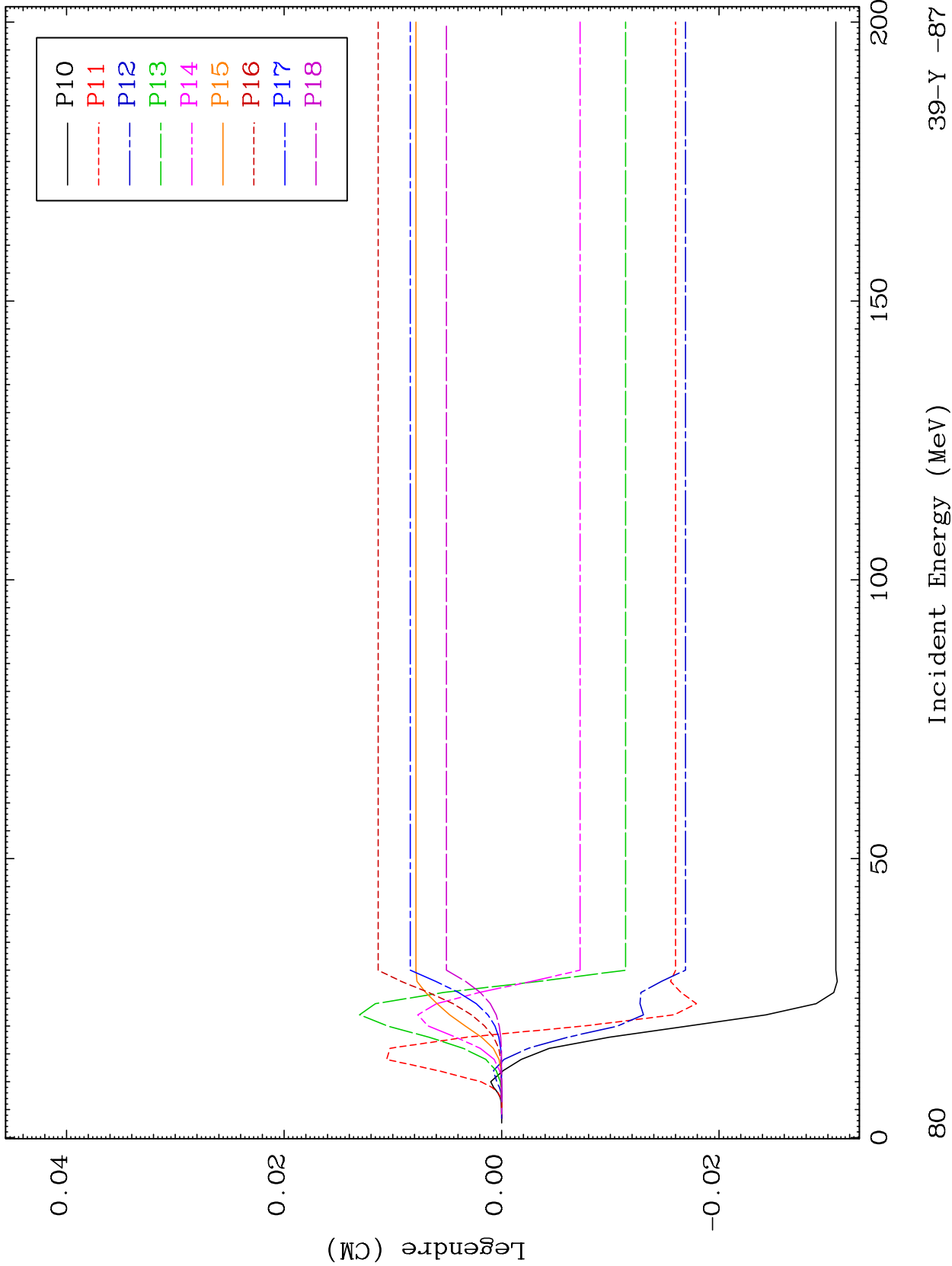
39-Y -87



MAT 3919

1.802 MeV (n,n') Level
Legendre Coefficients

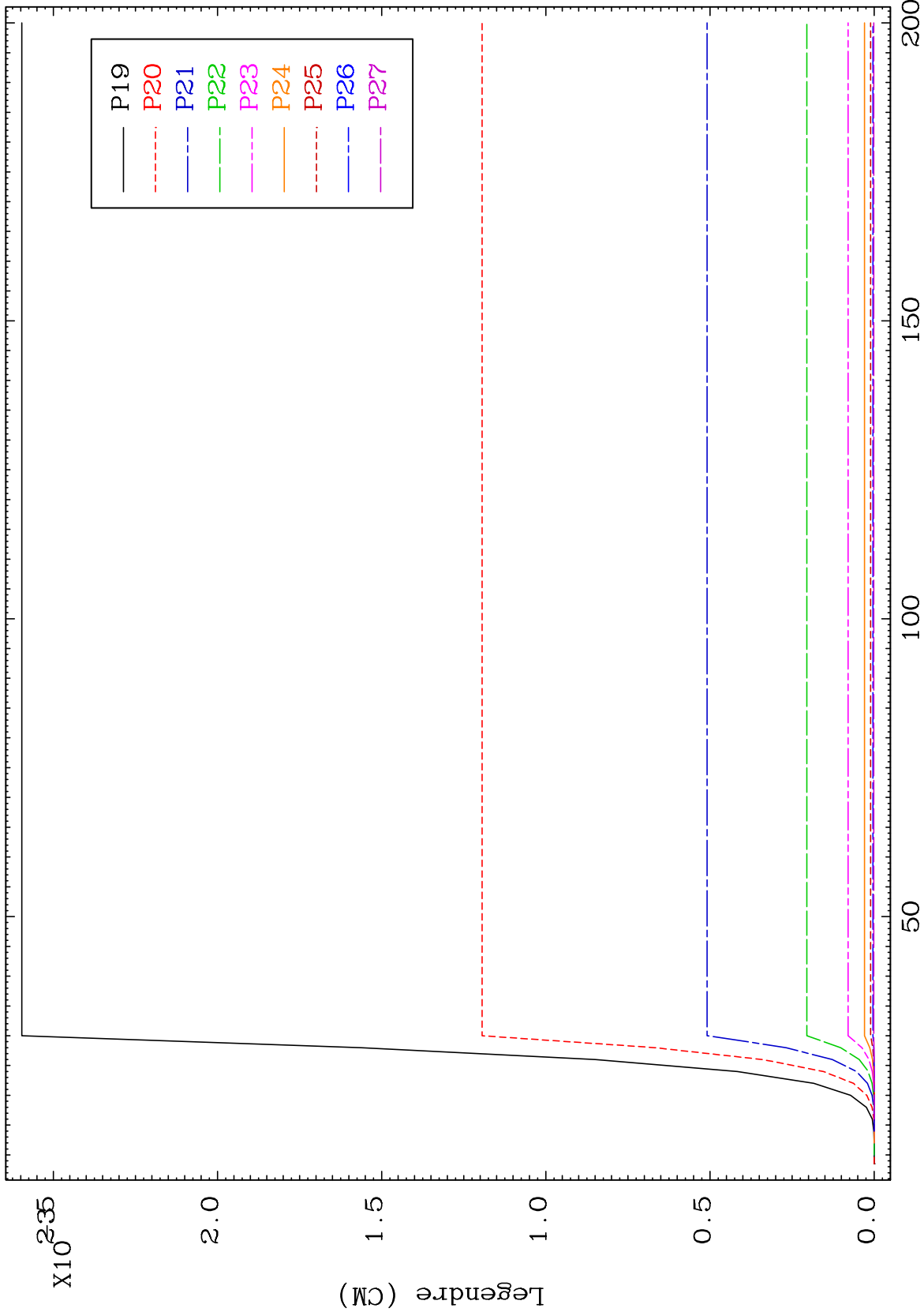
39-Y -87

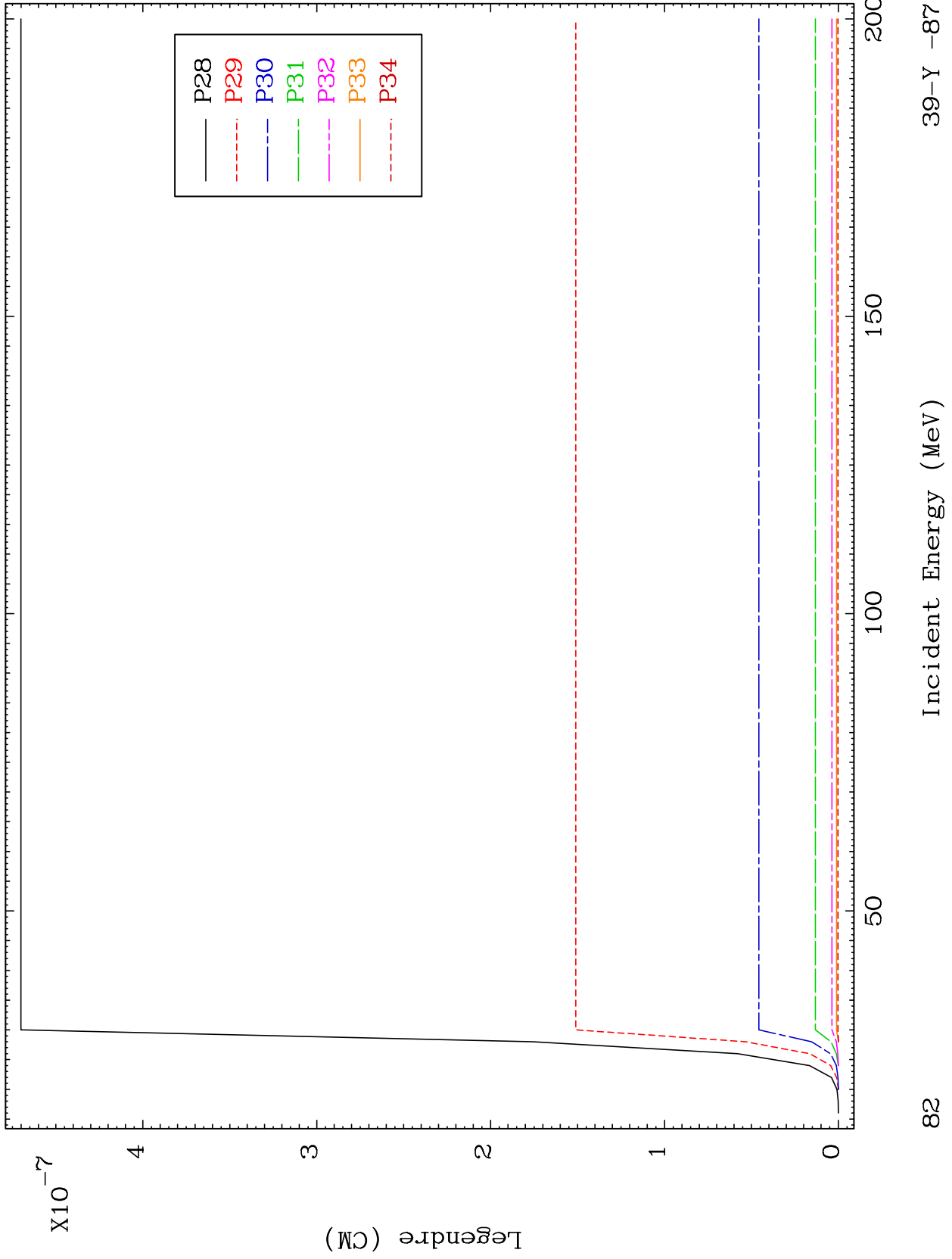


39-Y -87

Incident Energy (MeV)

80

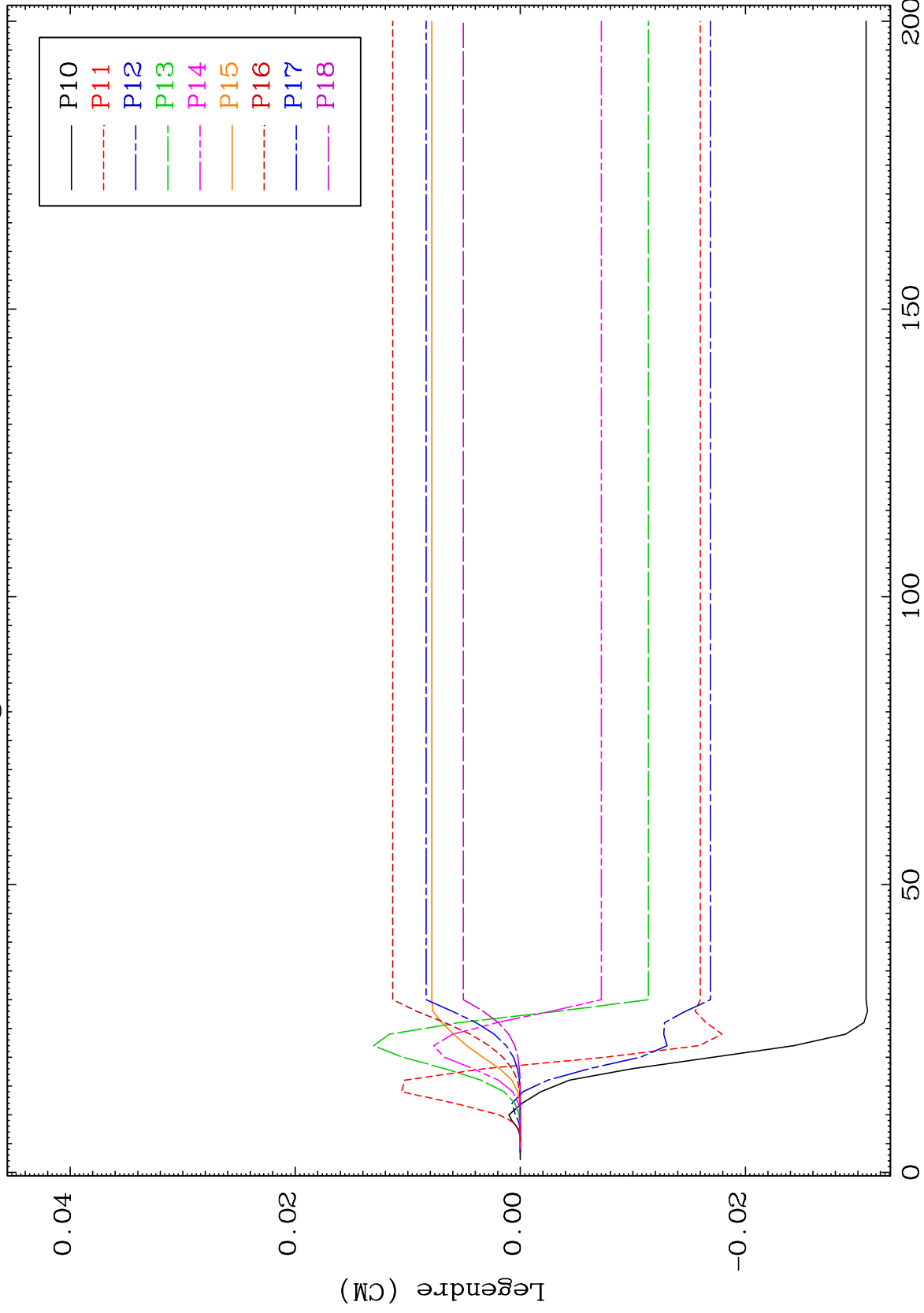




MAT 3919

1.814 MeV (n,n') Level
Legendre Coefficients

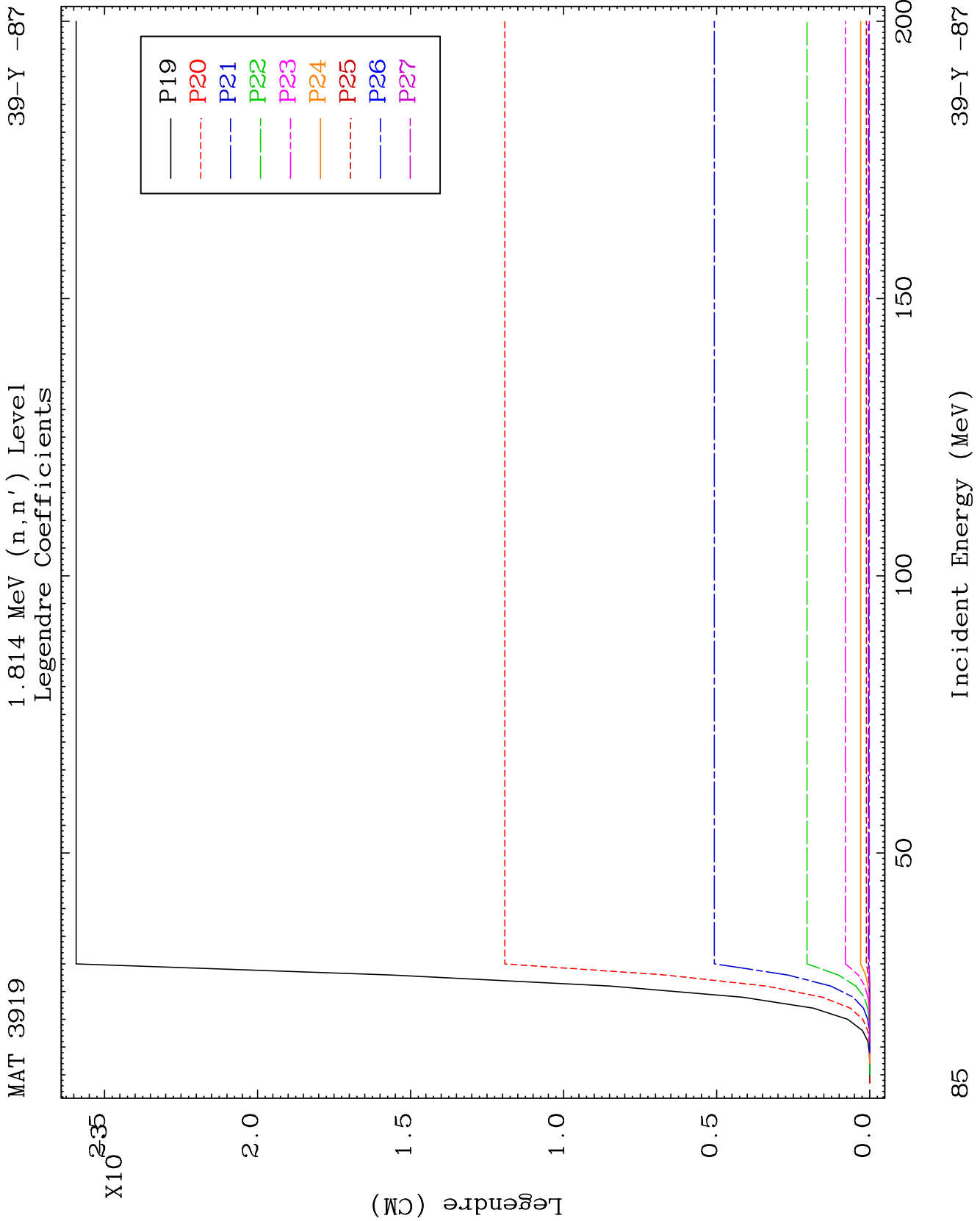
39-Y -87

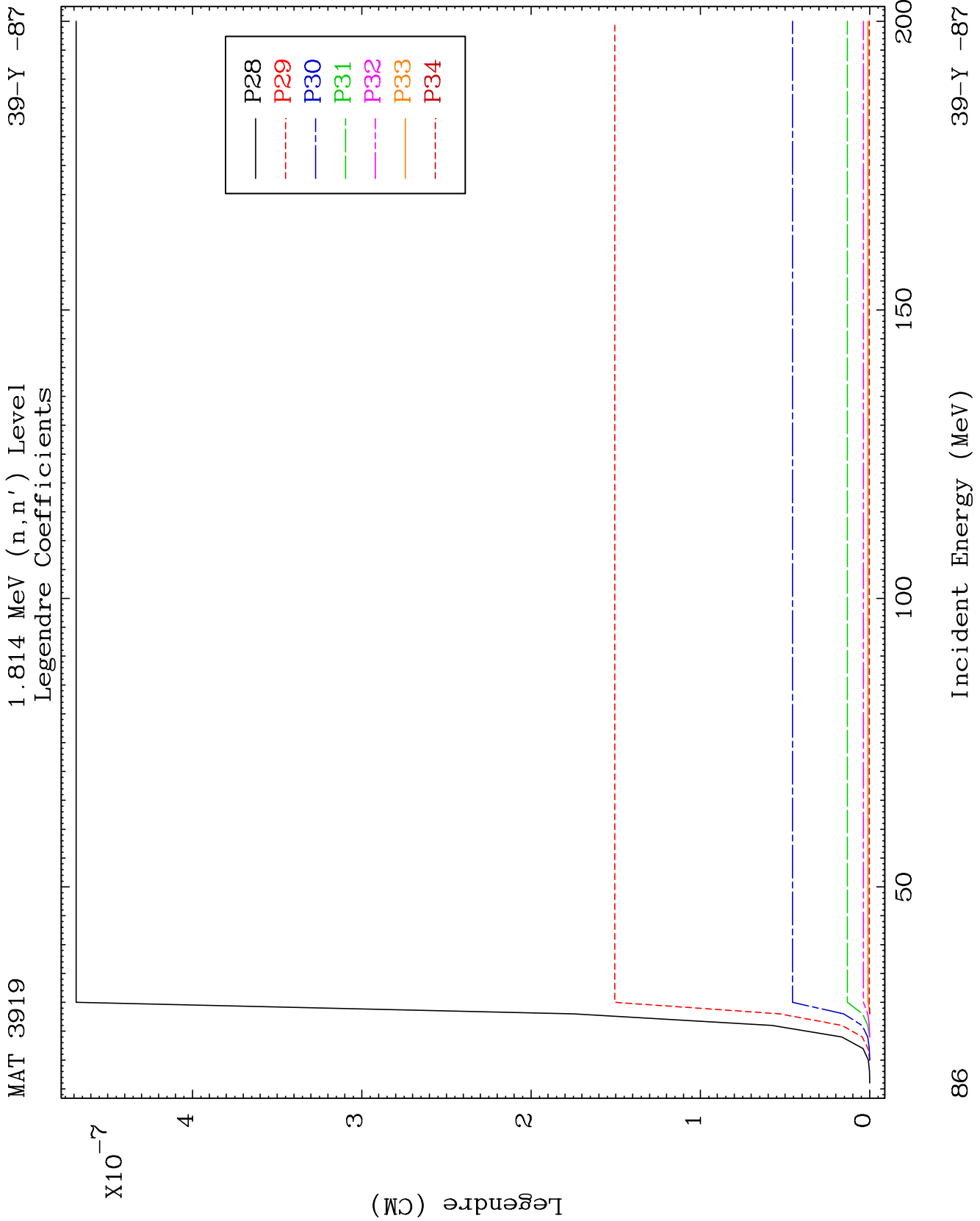


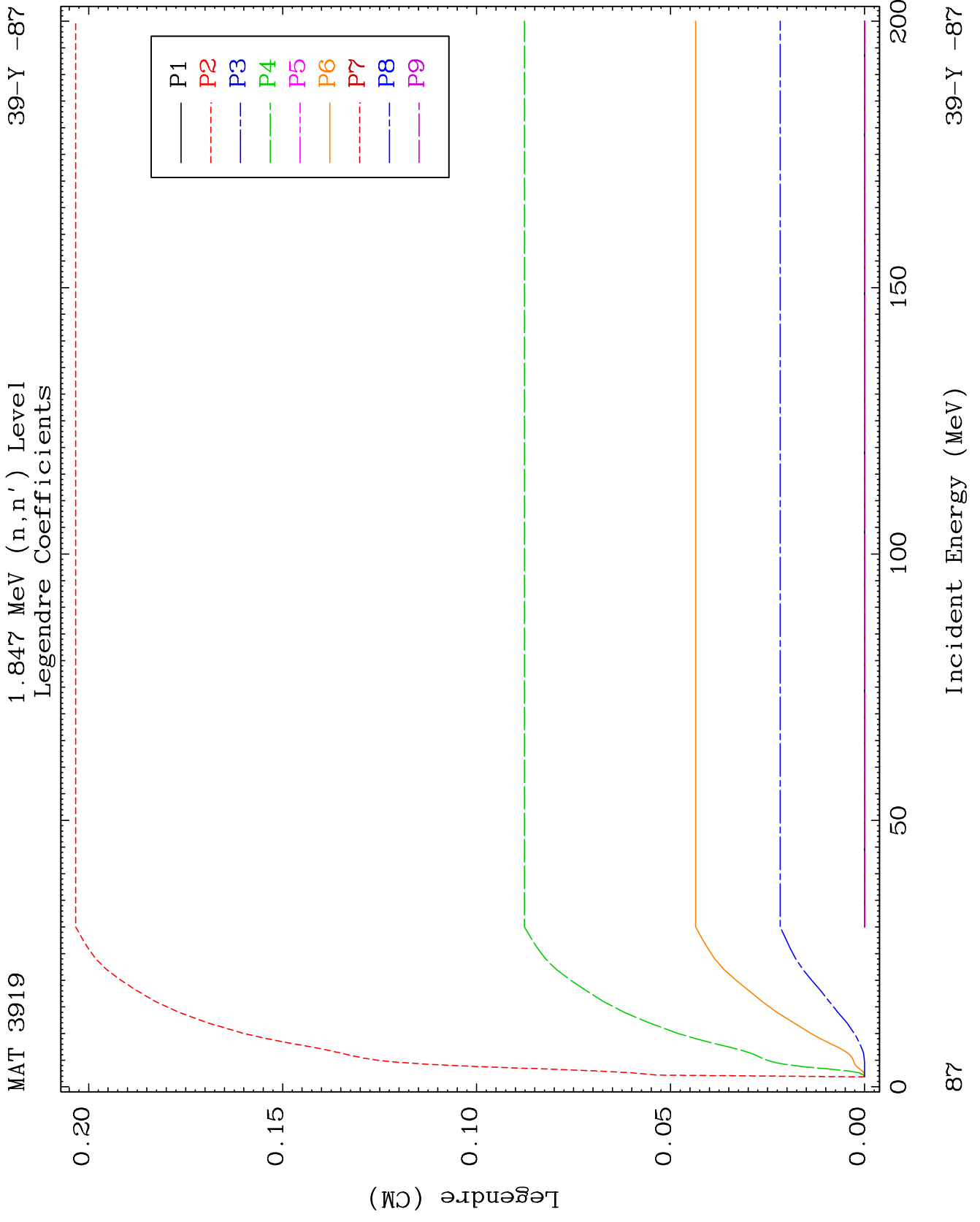
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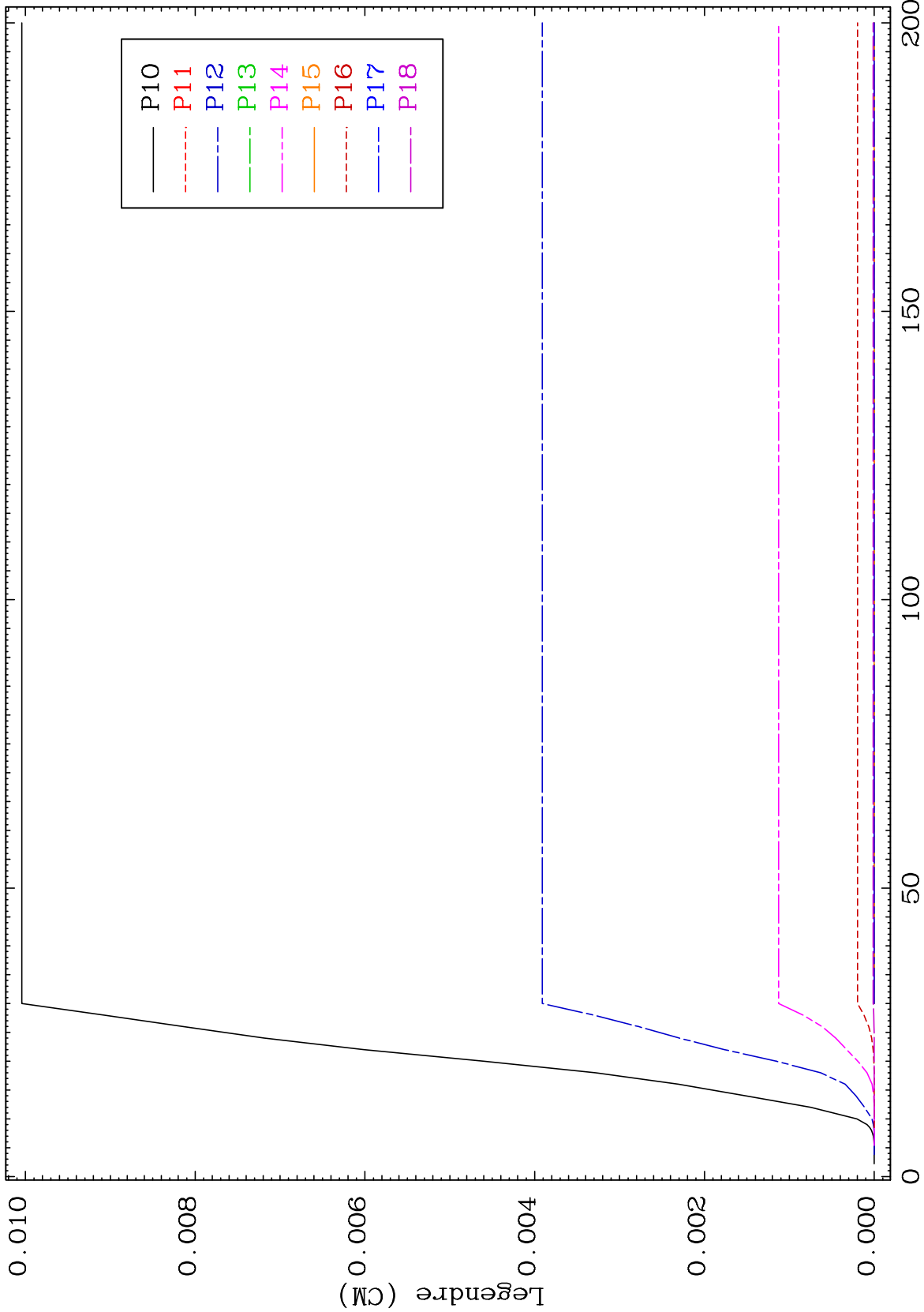
Incident Energy (MeV)

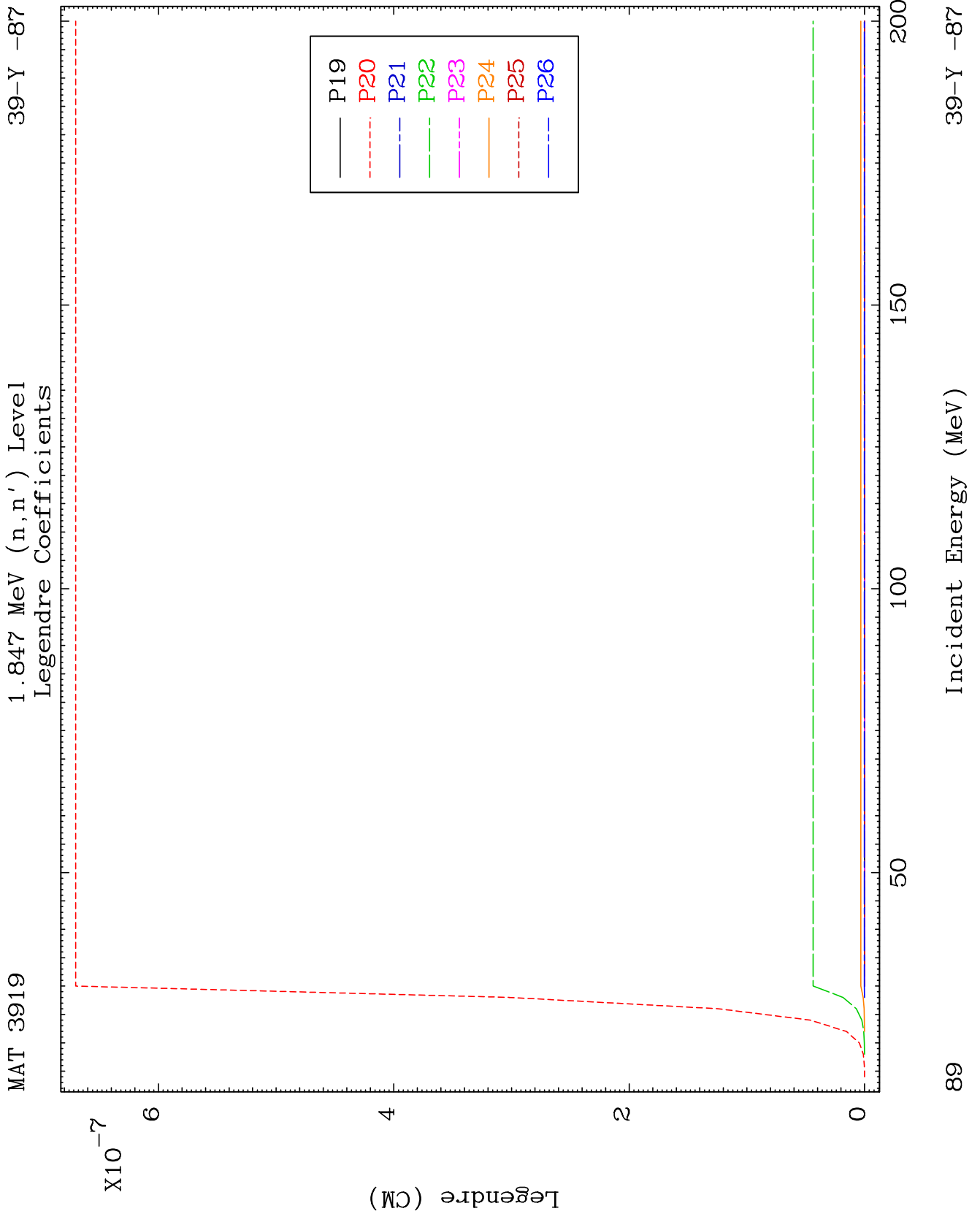
39-Y -87

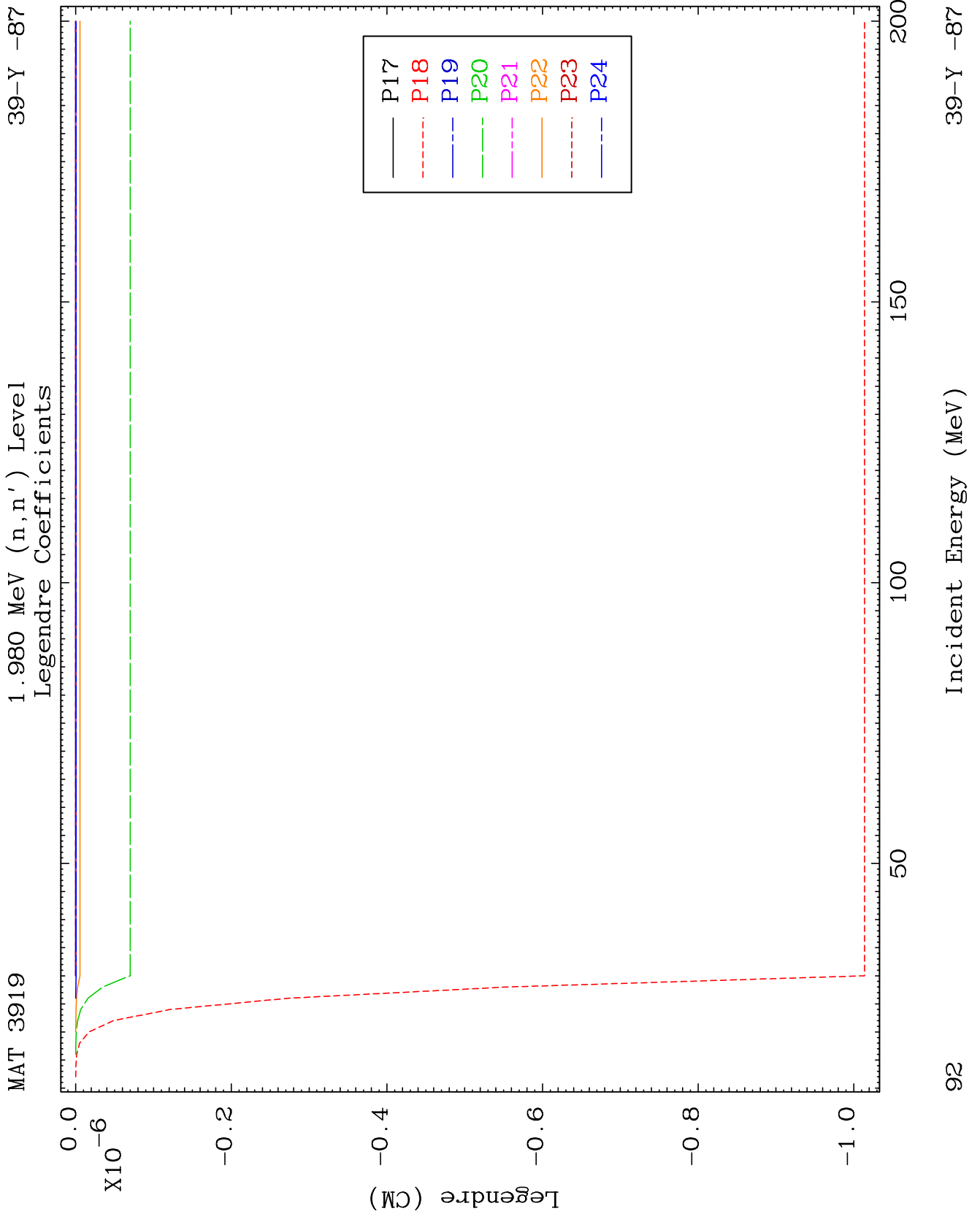


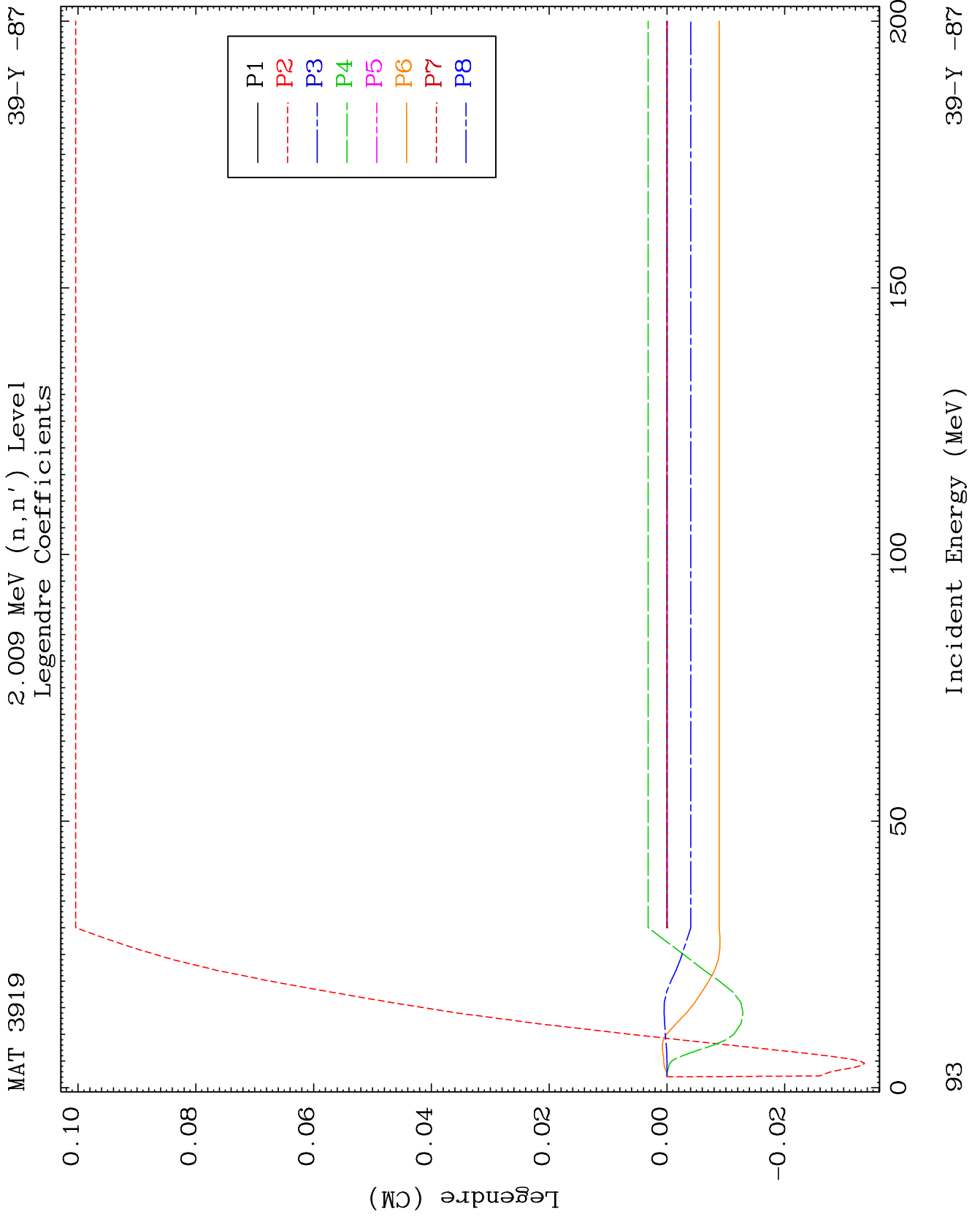


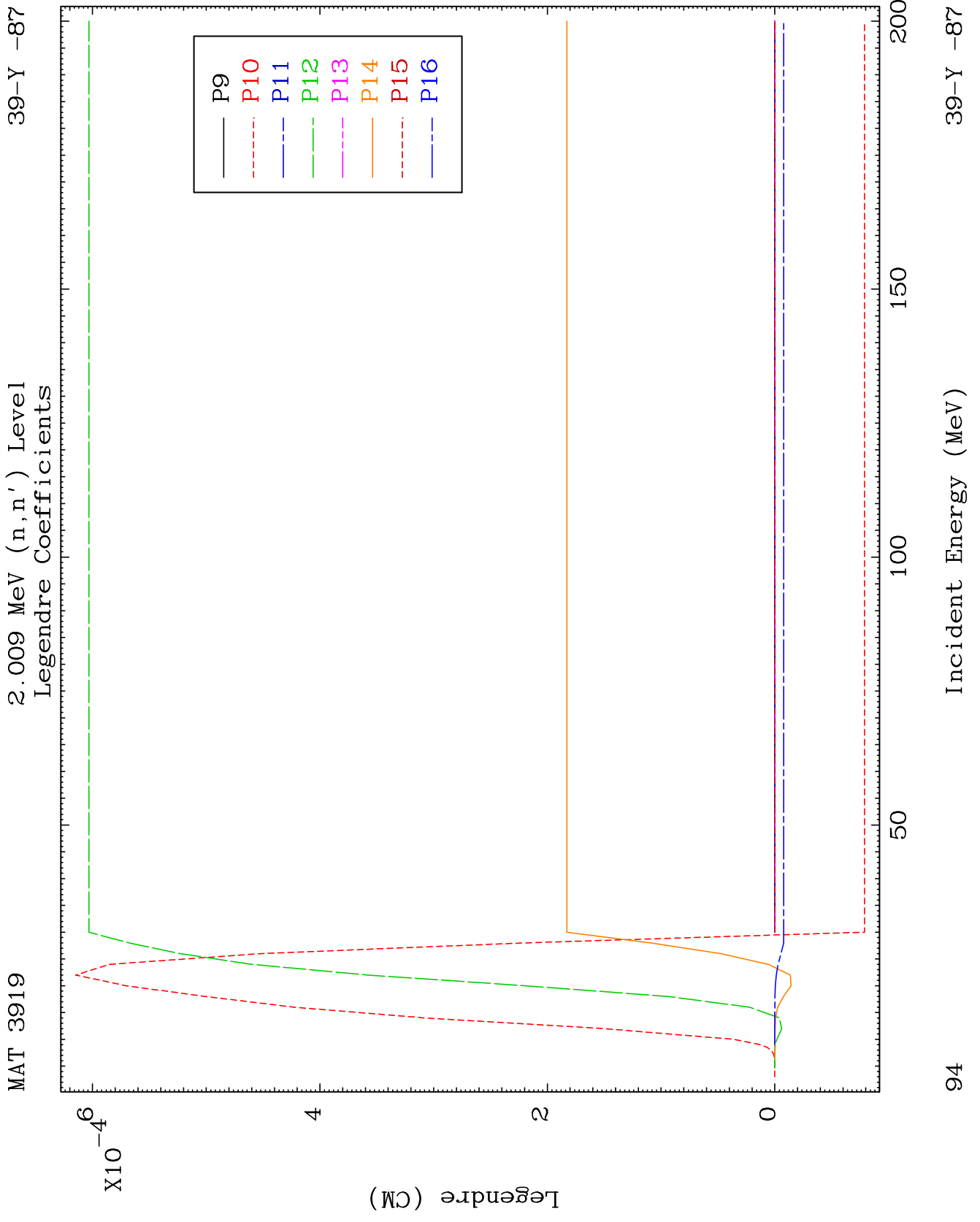


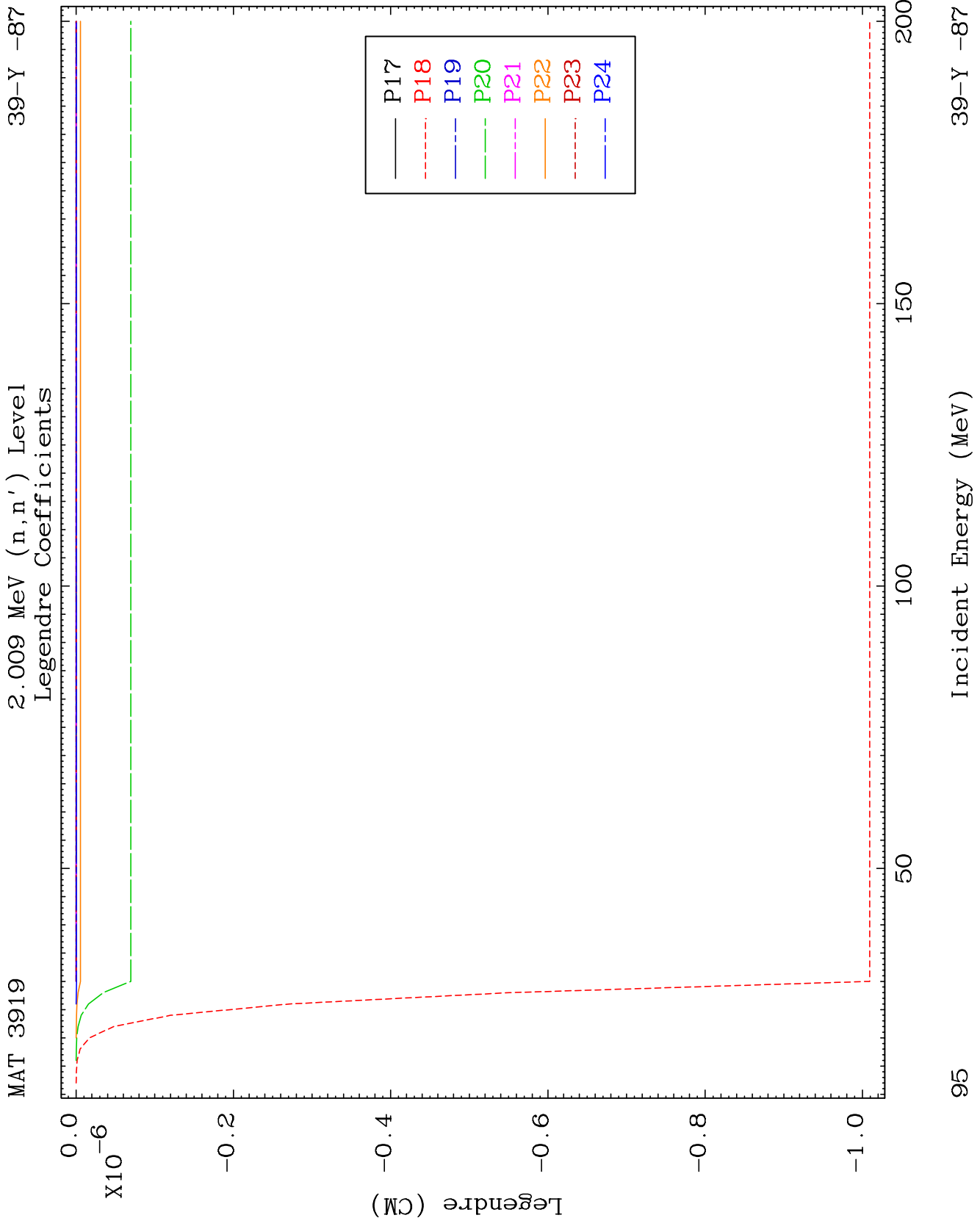


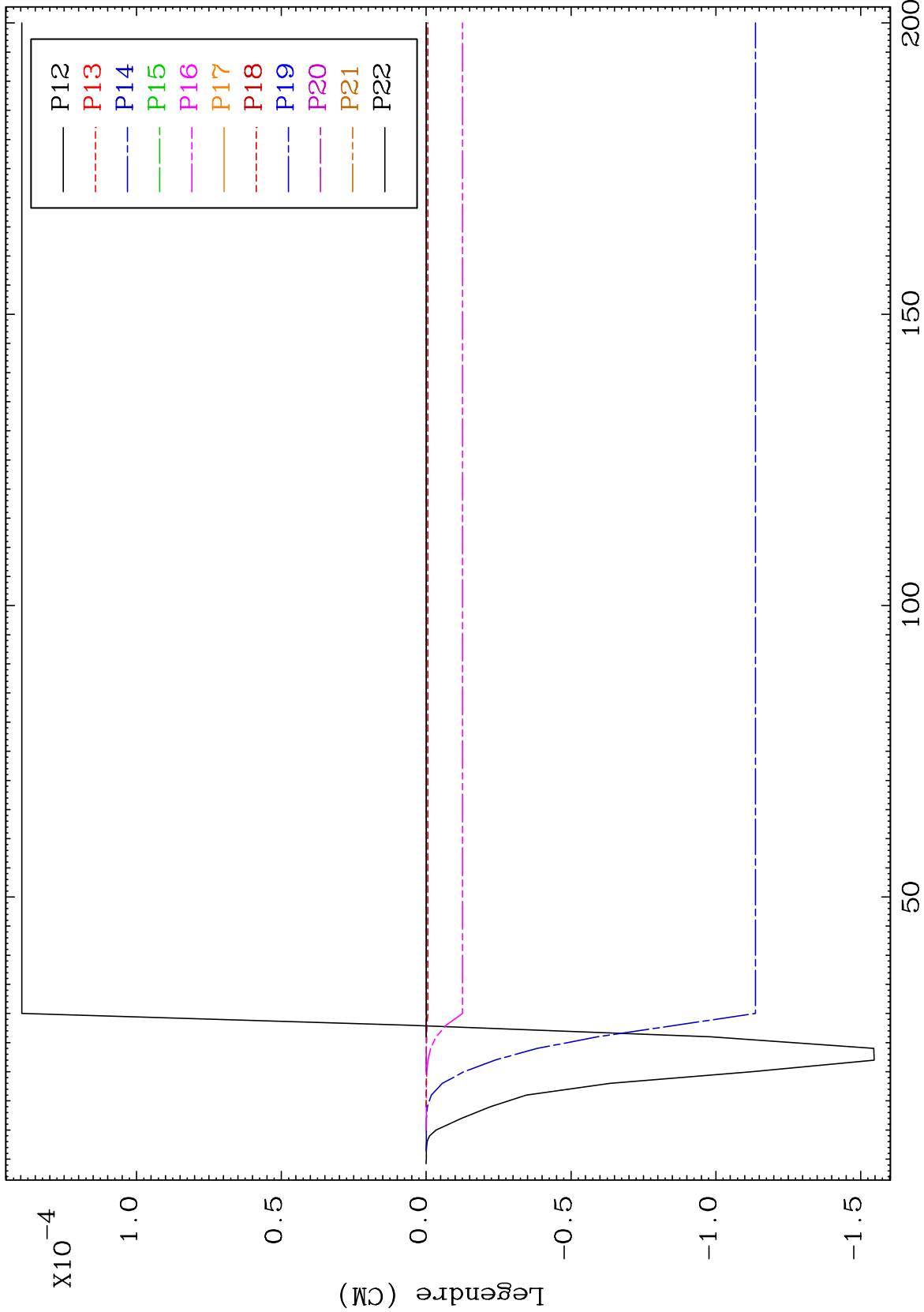


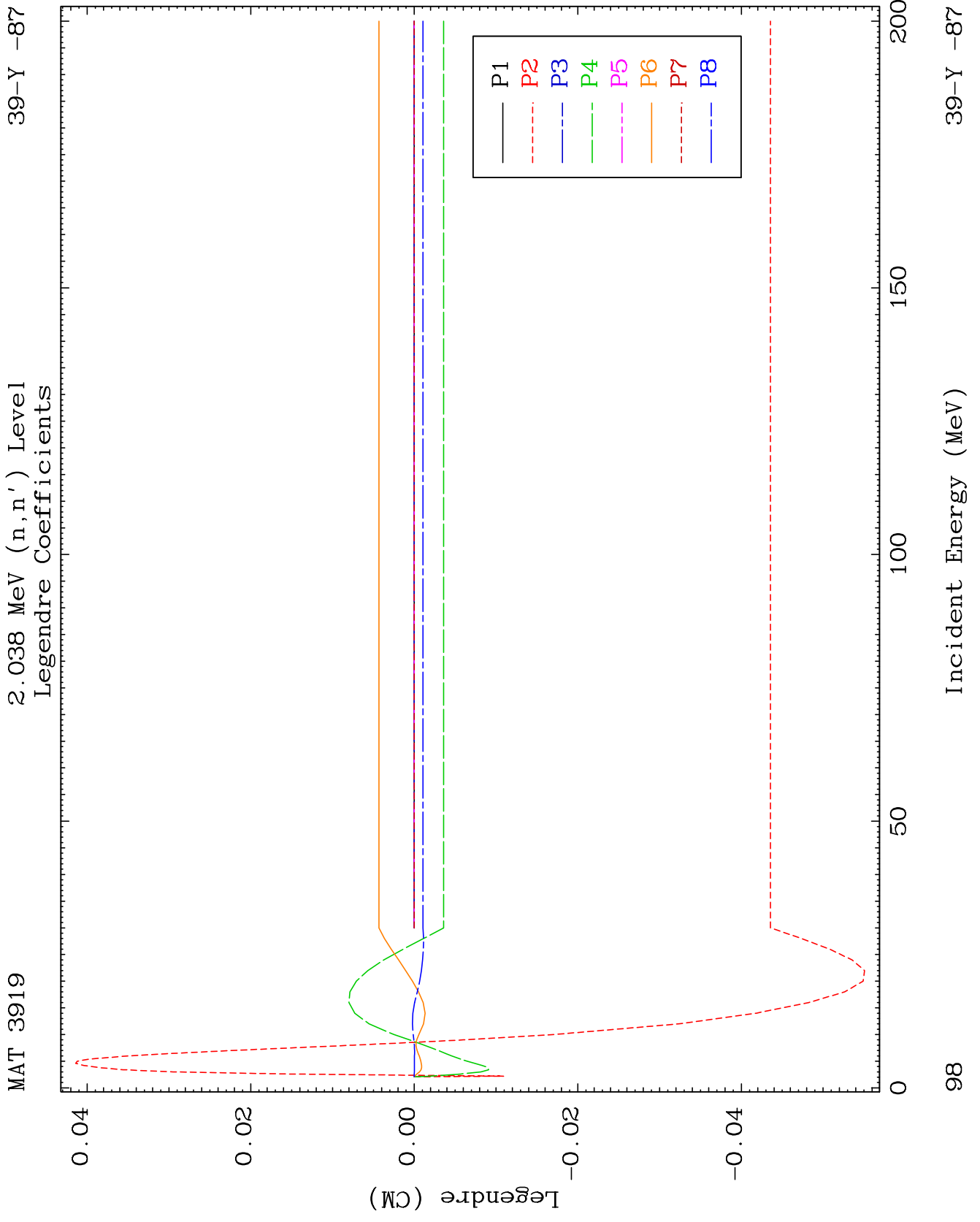








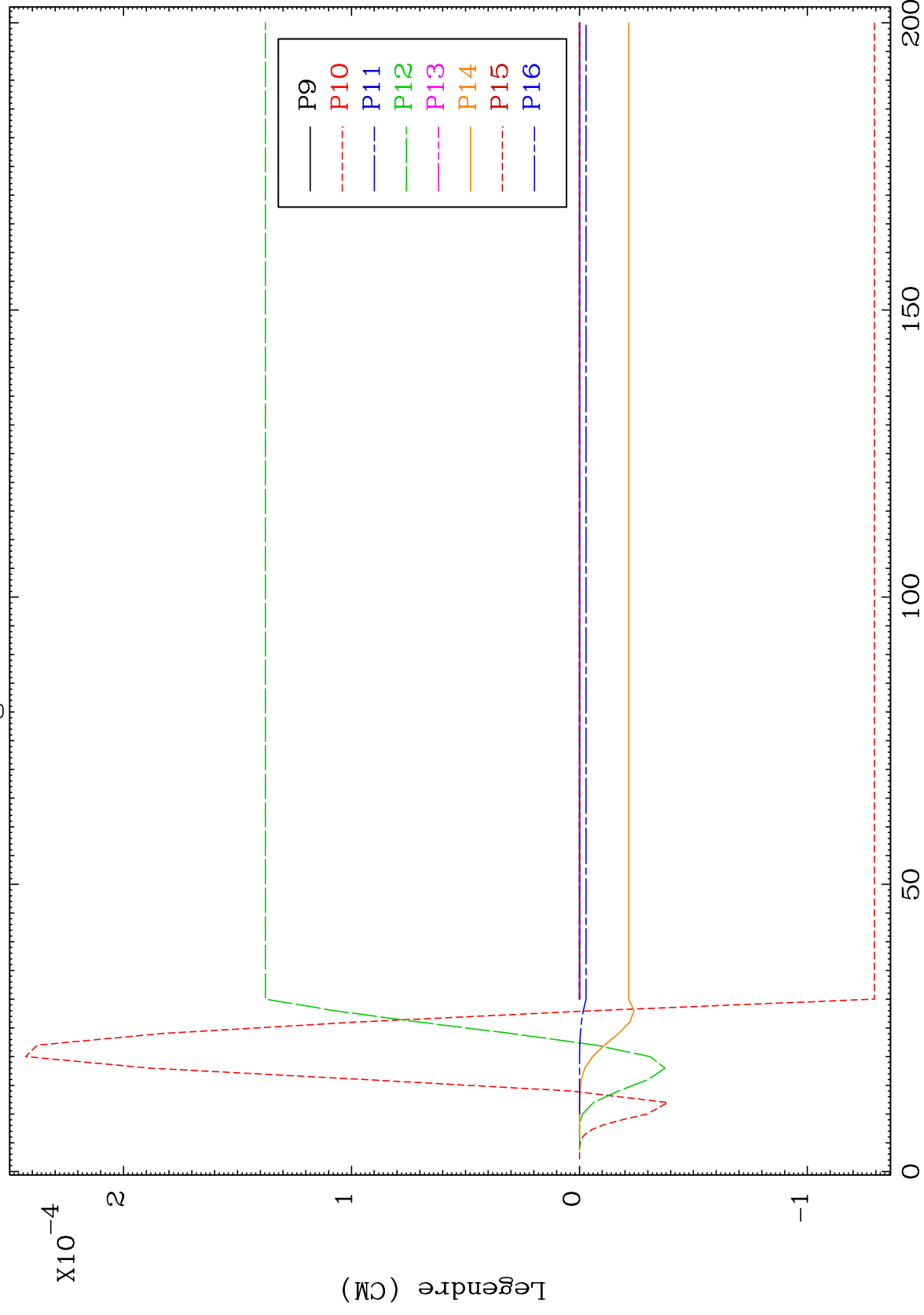




MAT 3919

2.038 MeV (n,n') Level
Legendre Coefficients

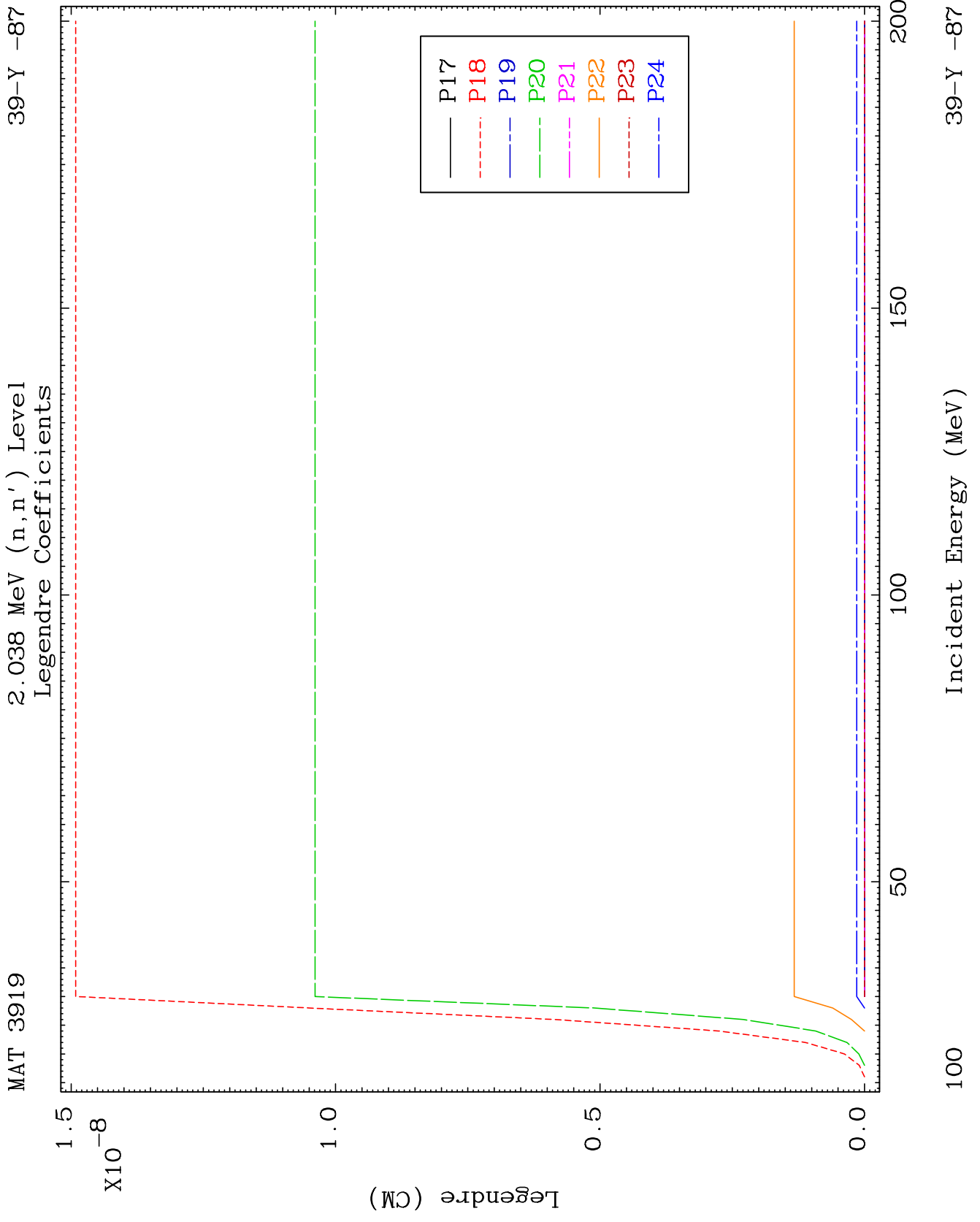
39-Y -87

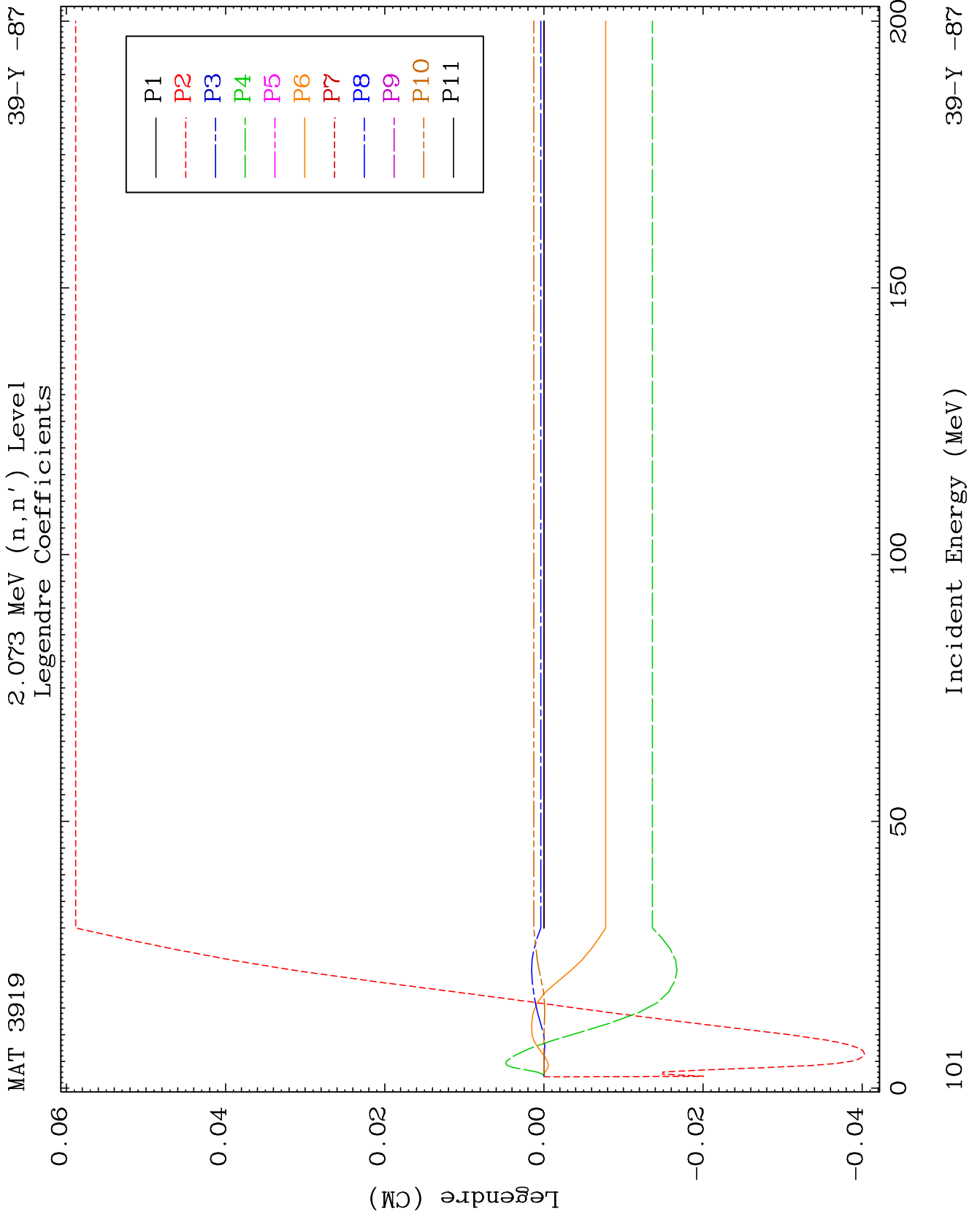


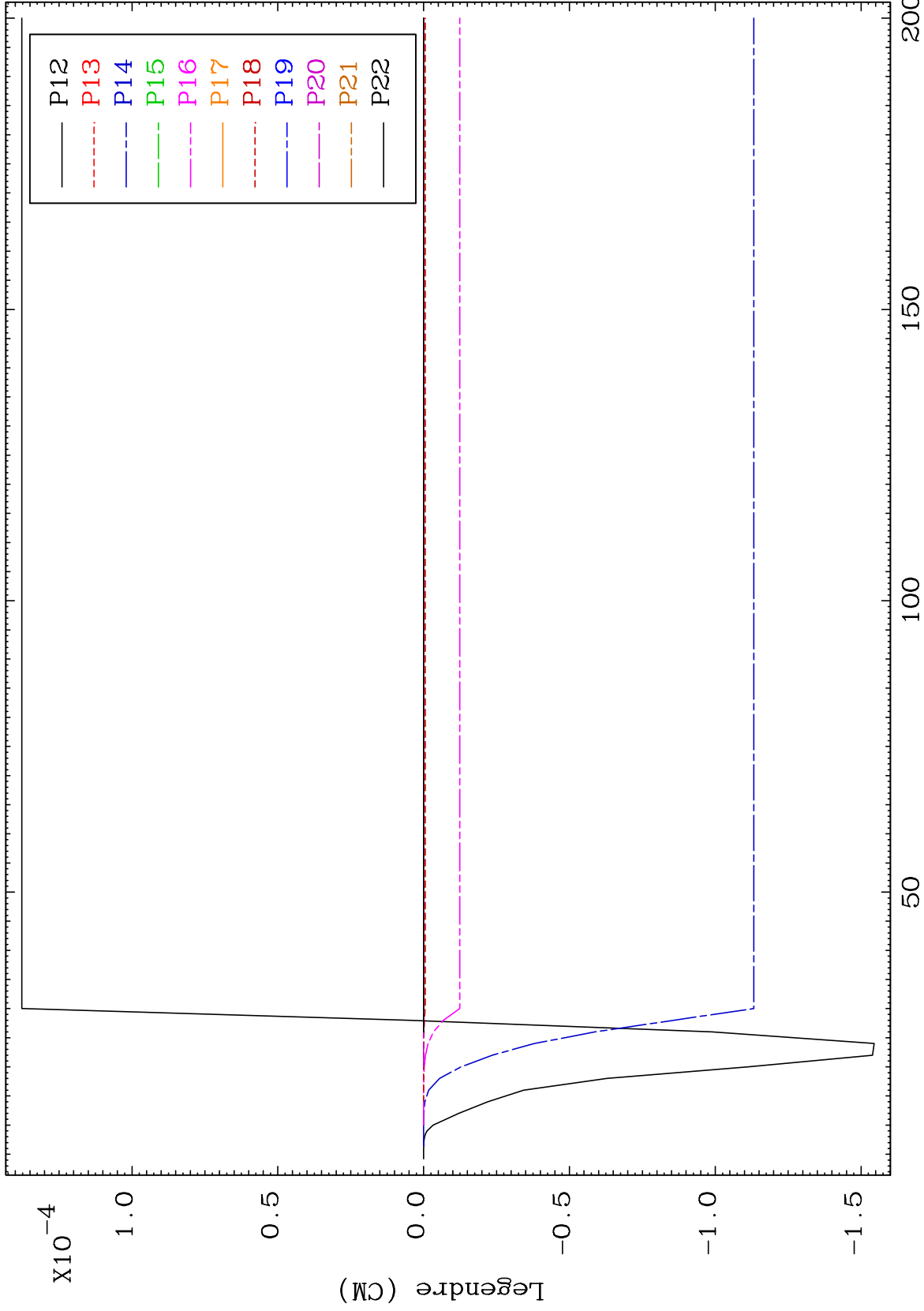
99

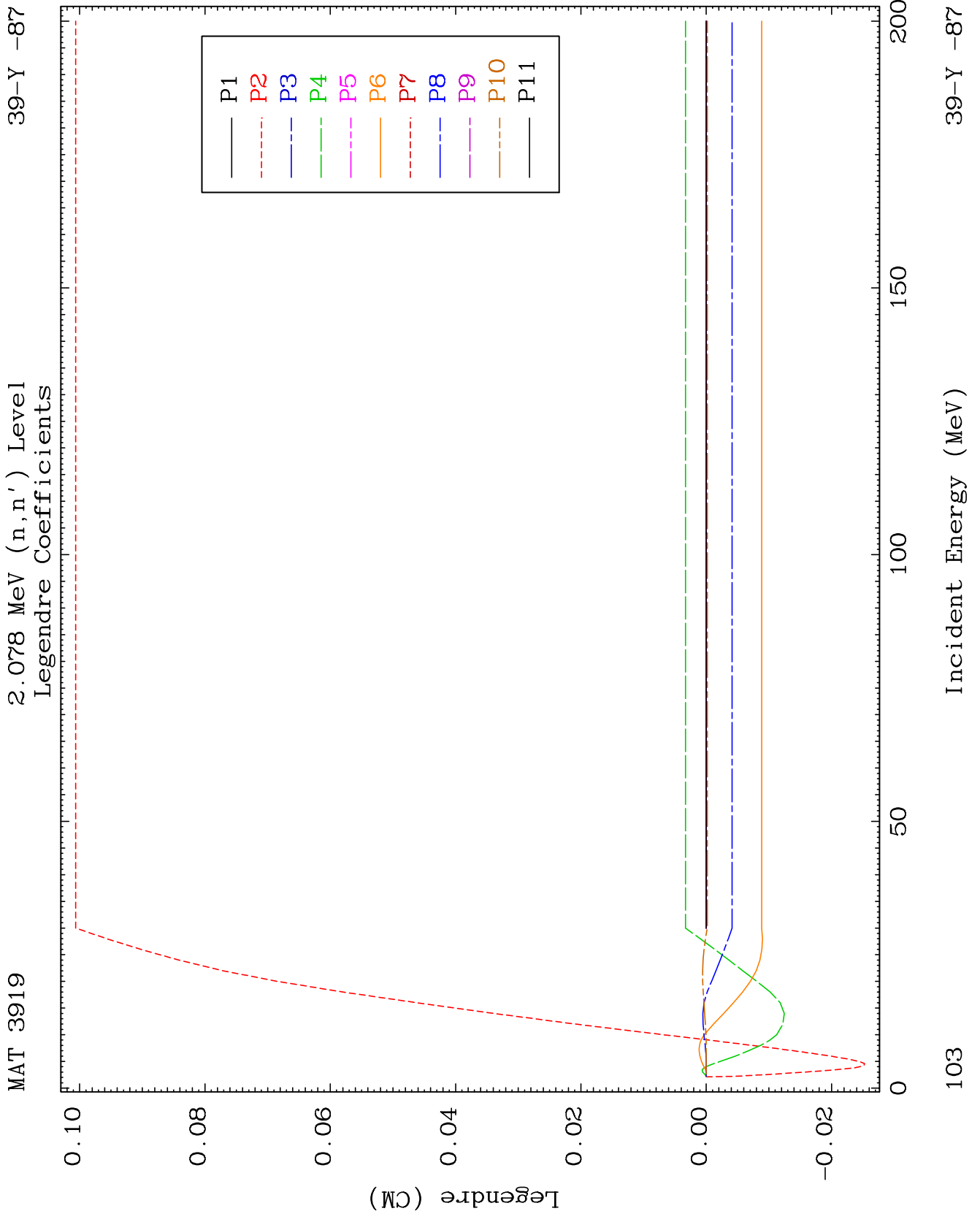
Incident Energy (MeV)

39-Y -87





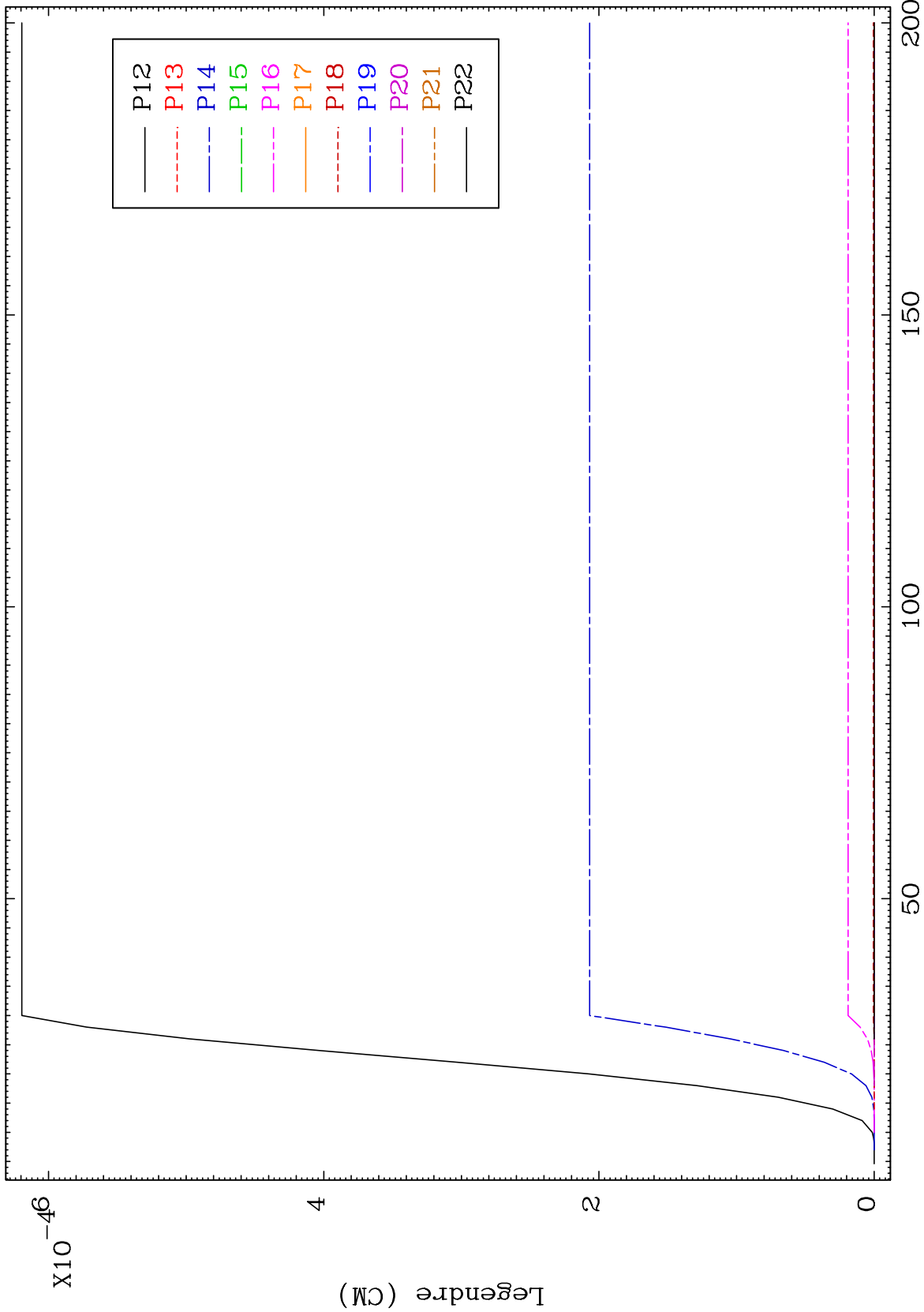




MAT 3919

2.078 MeV (n,n') Level
Legendre Coefficients

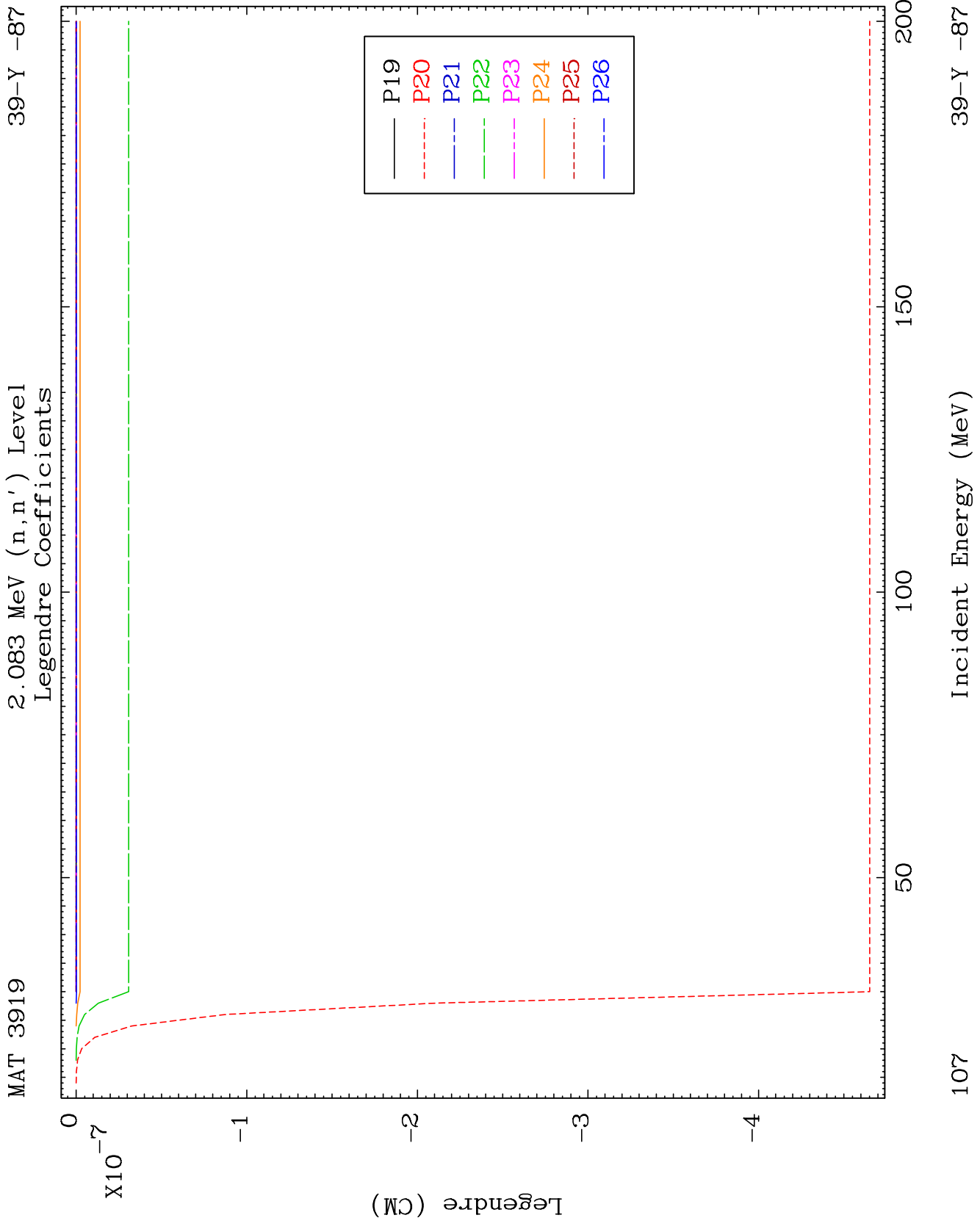
39-Y -87



104

Incident Energy (MeV)

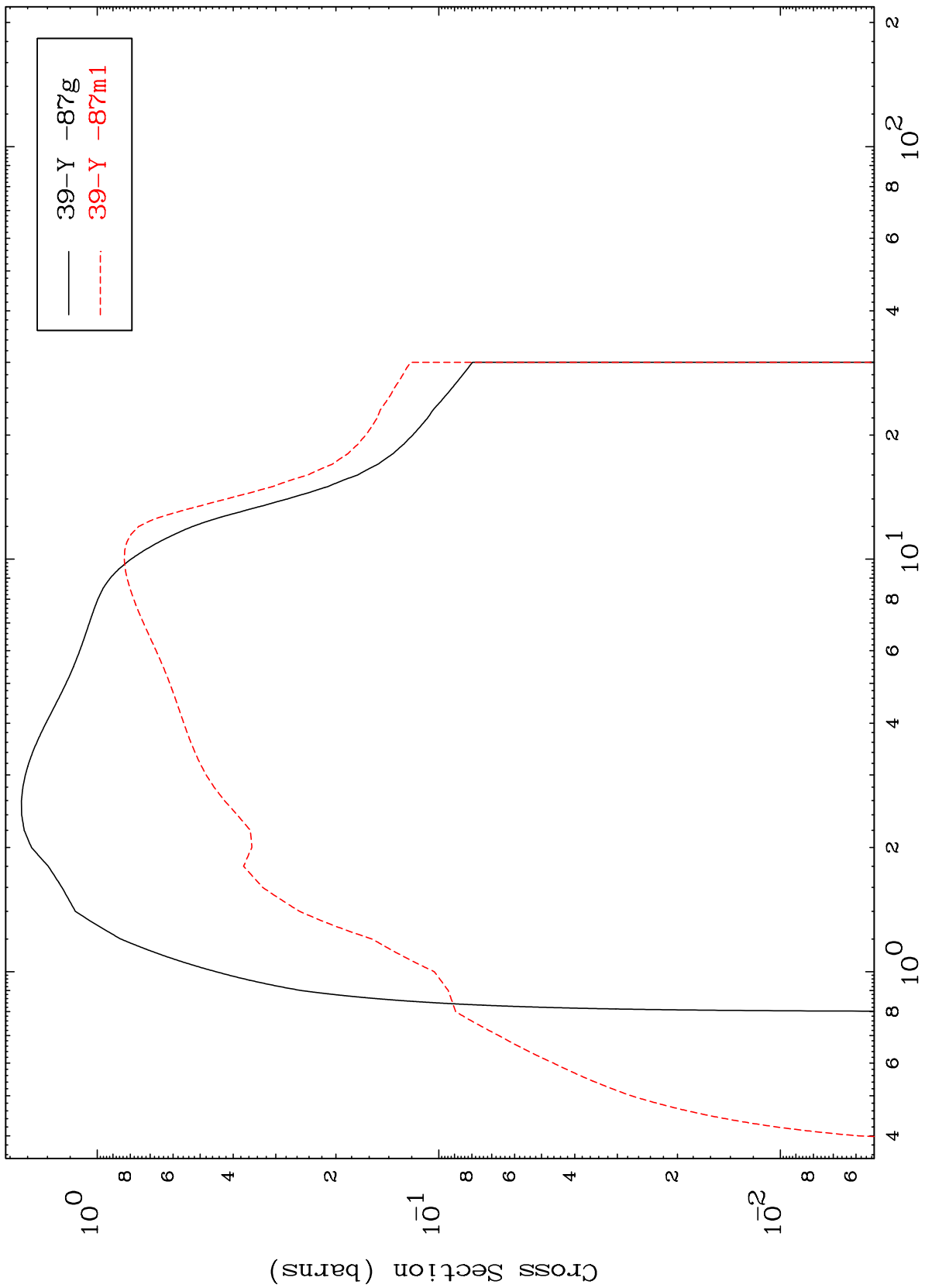
39-Y -87



MAT 3919

39-Y -87

Inelastic
Radionuclide Production Cross Section



— 39-Y -87g
- - - 39-Y -87m1

108

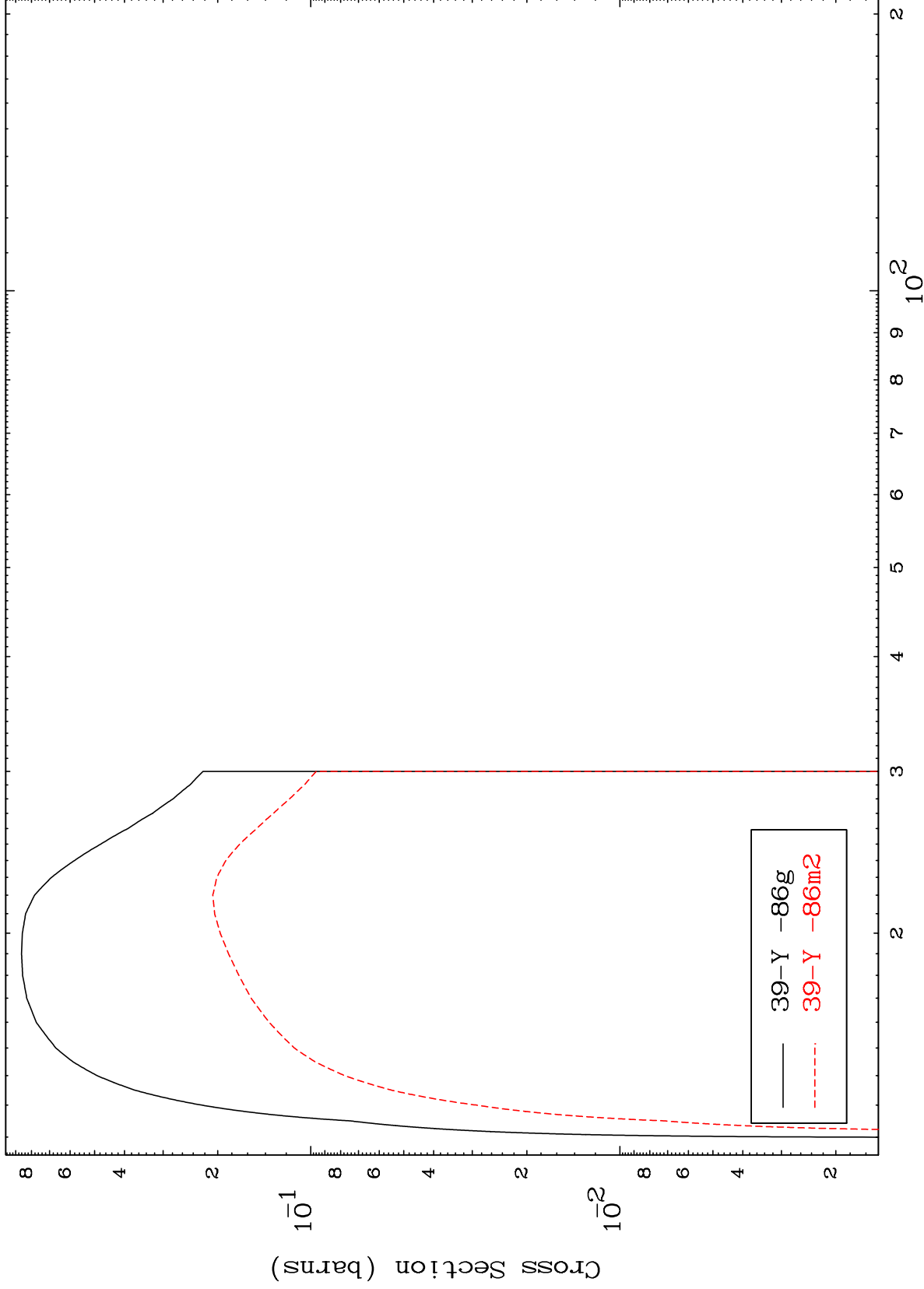
Incident Energy (MeV)

39-Y -87

MAT 3919

39-Y -87

Radionuclide Production Cross Section
(n,2n)



109

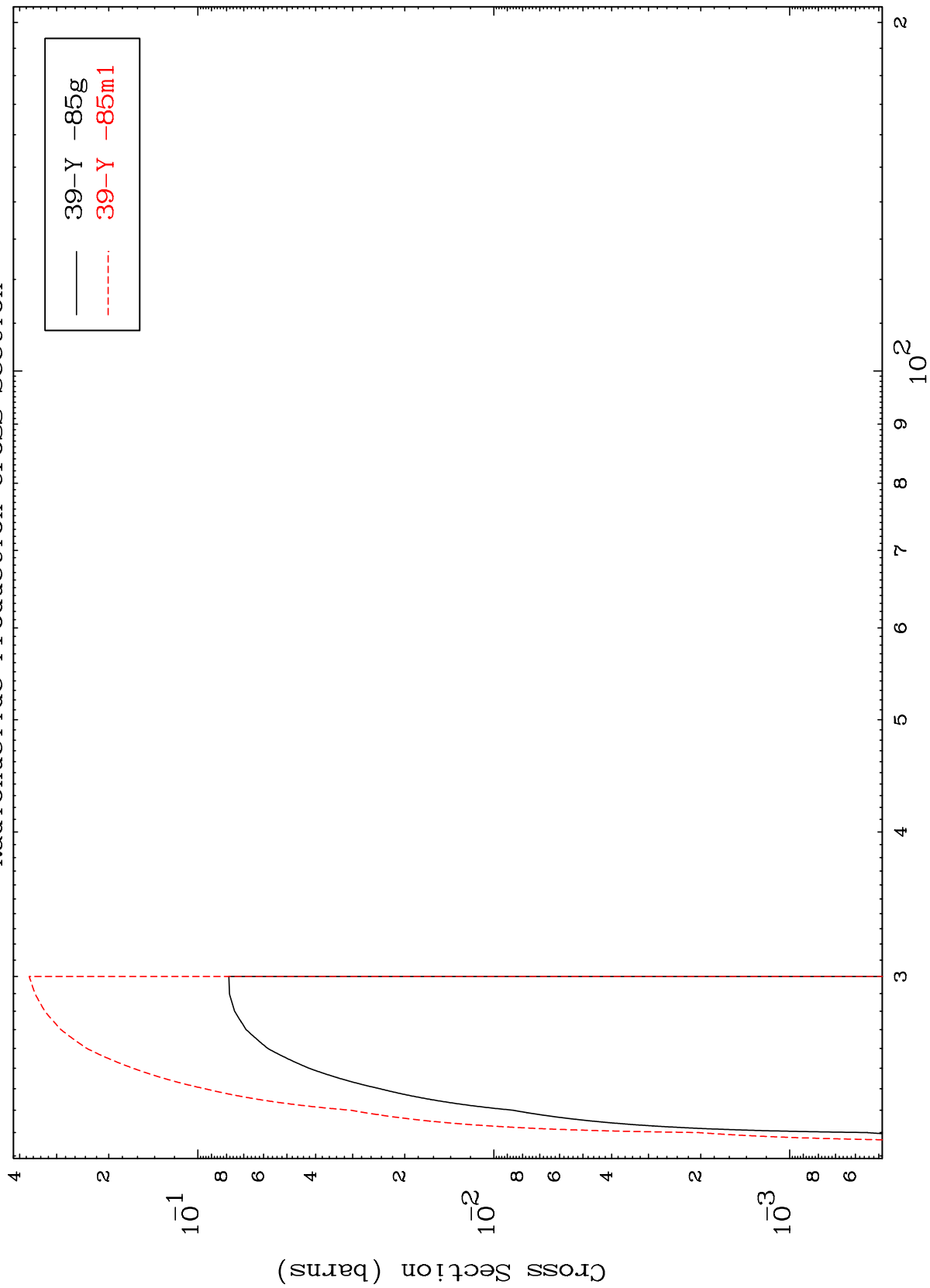
Incident Energy (MeV)

39-Y -87

MAT 3919

39-Y -87

(n,3n)
Radionuclide Production Cross Section



110

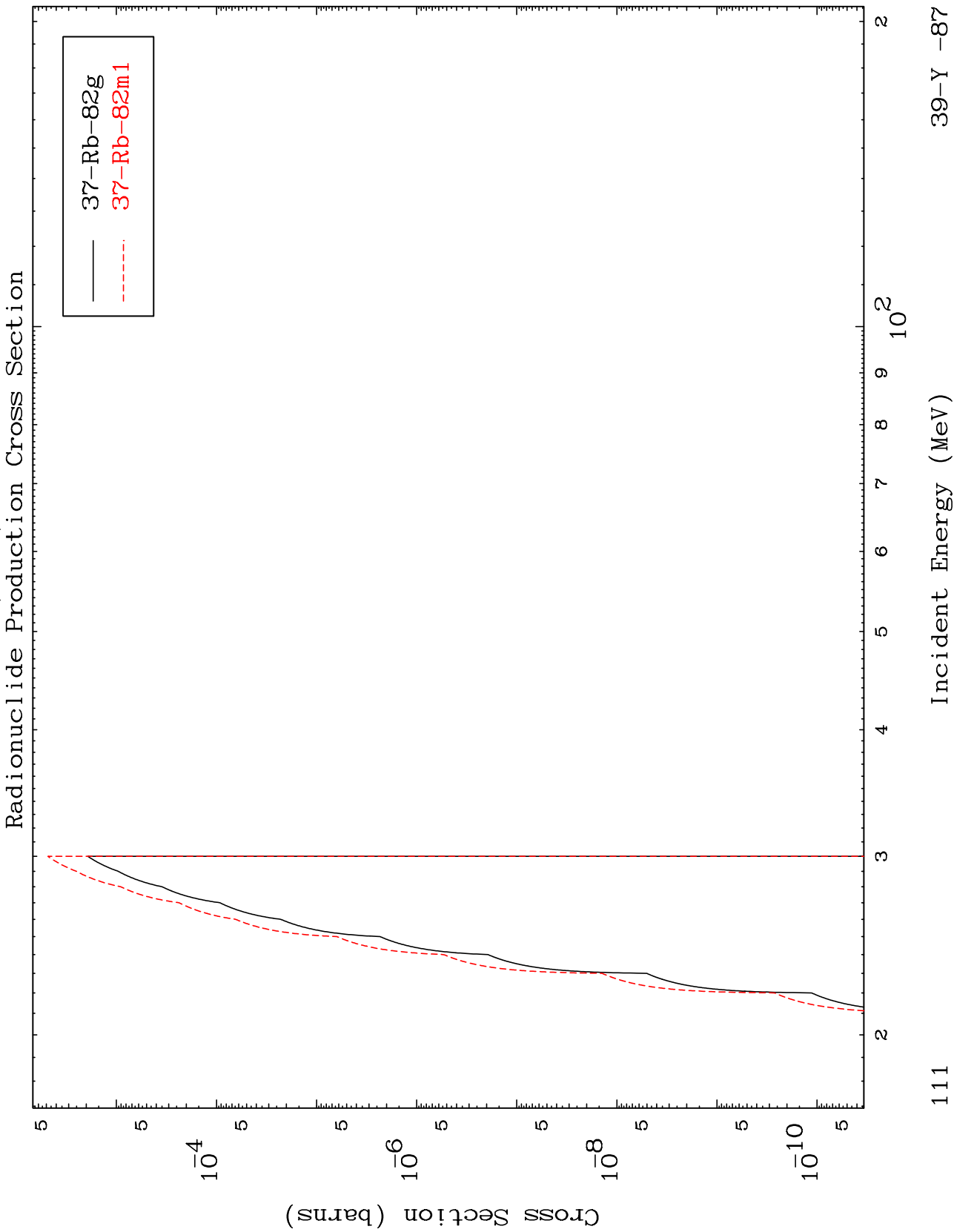
39-Y -87

Incident Energy (MeV)

MAT 3919

(n,2n) α

39-Y -87

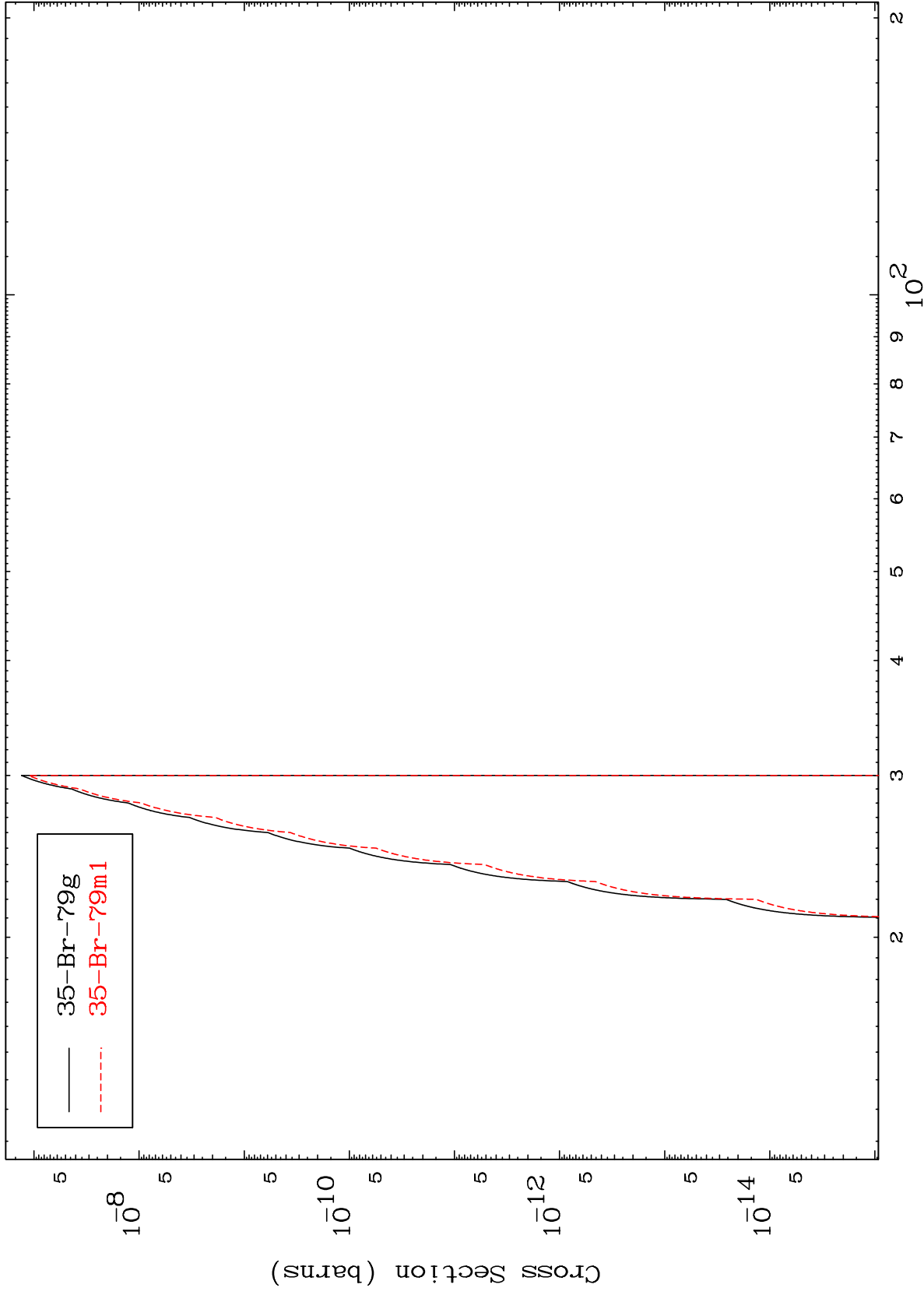


111

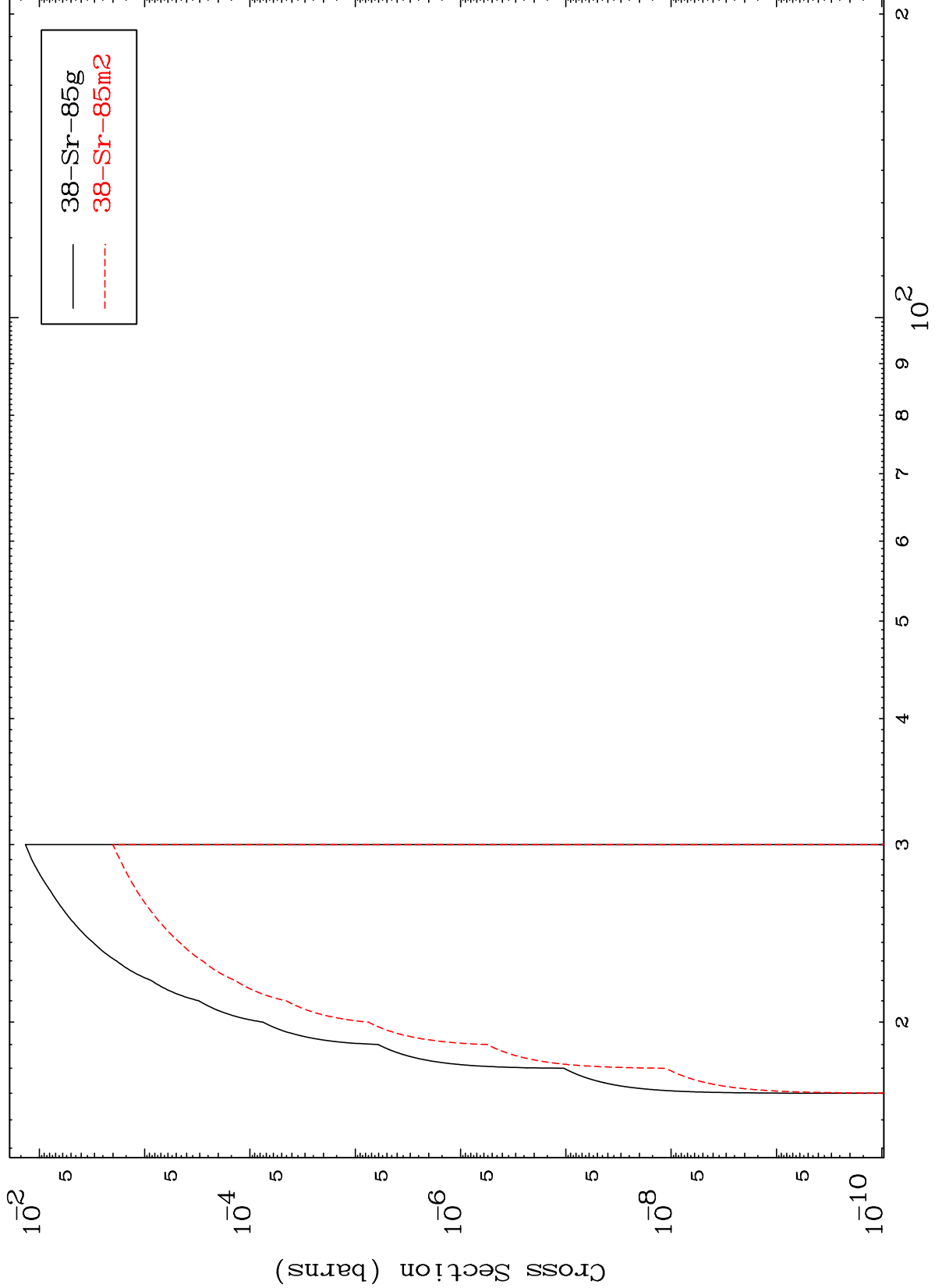
Incident Energy (MeV)

39-Y -87

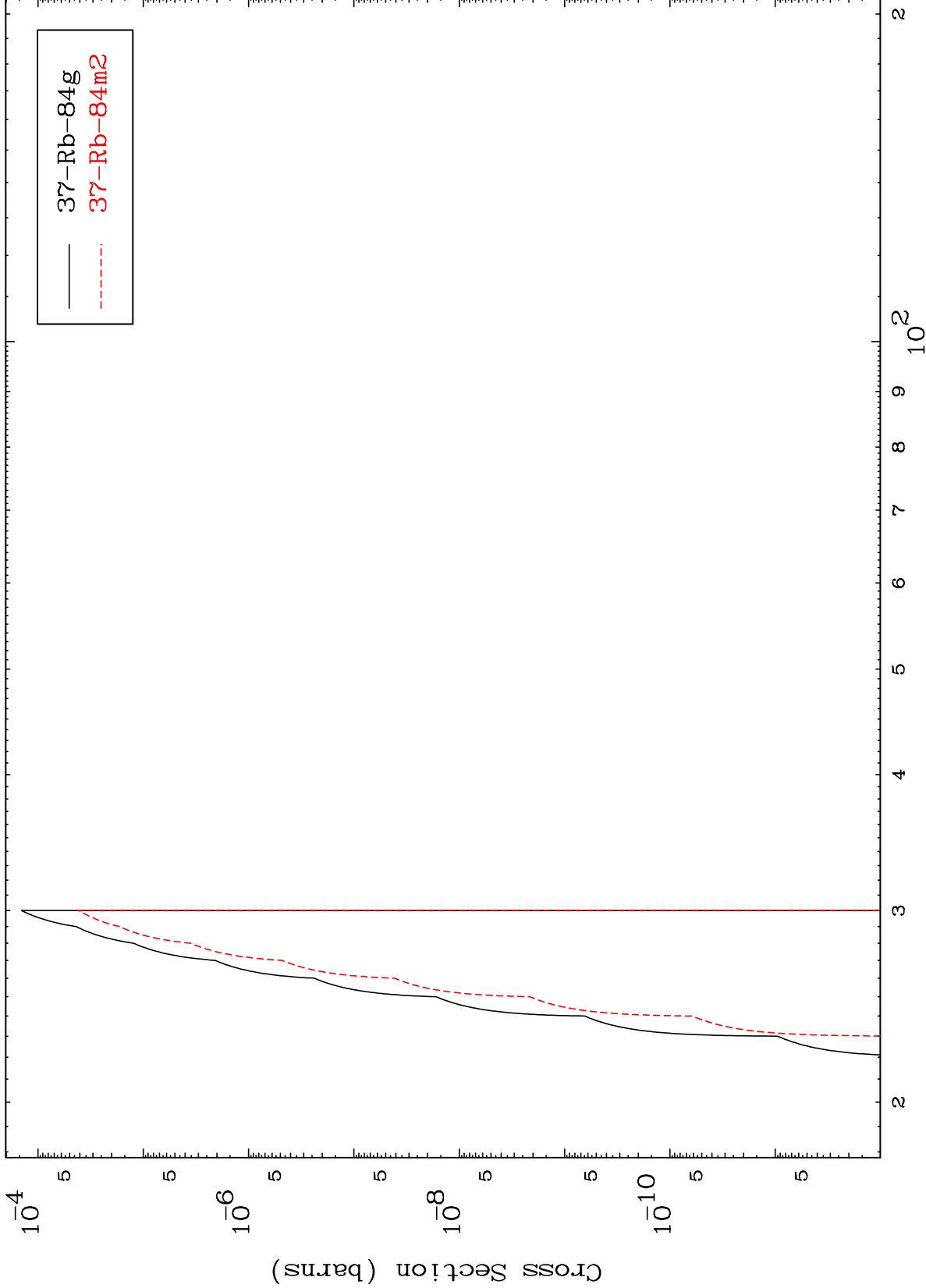
Radionuclide Production Cross Section



Radionuclide Production Cross Section

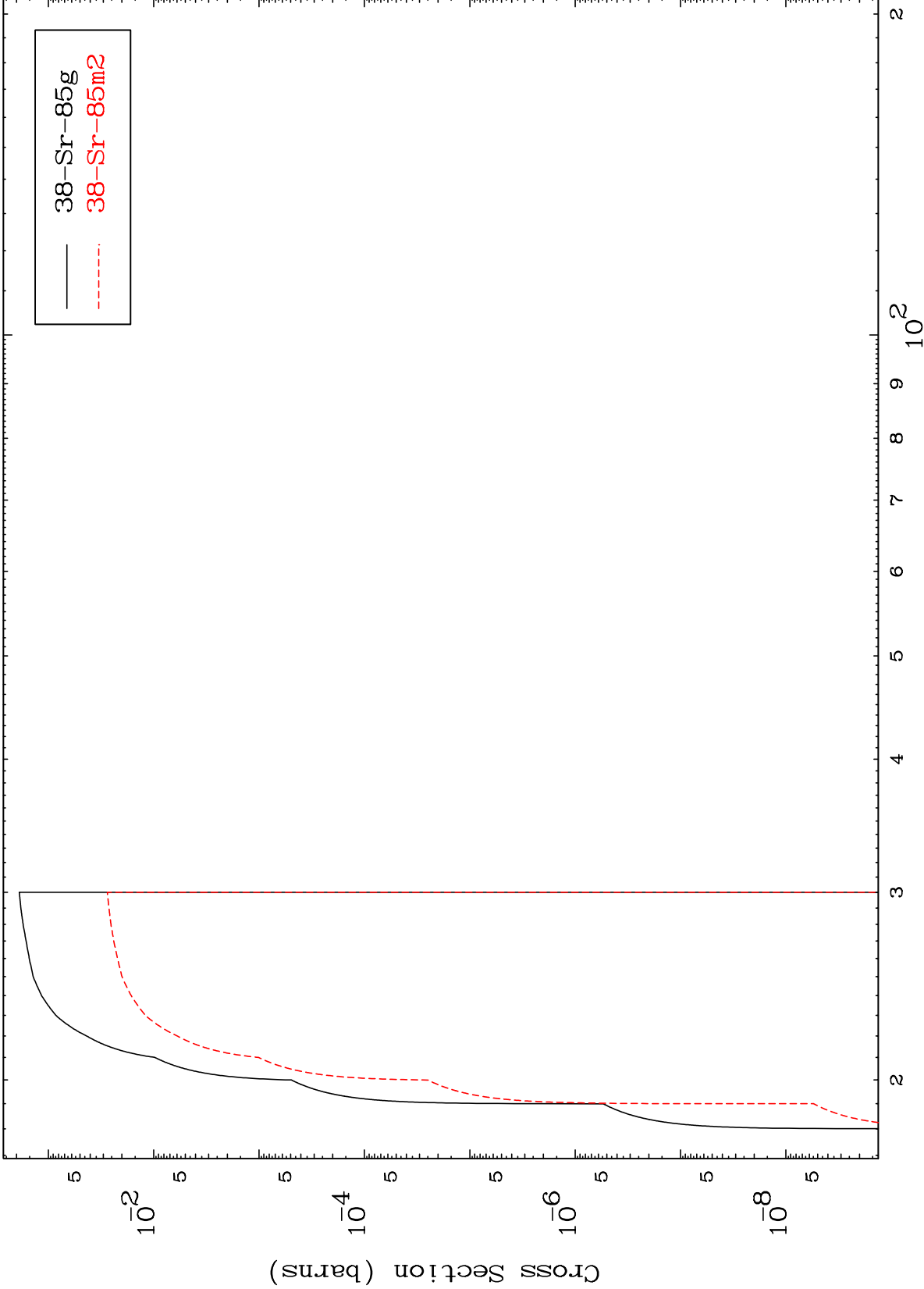


Radionuclide Production Cross Section



— 37-Rb-84g
- - - 37-Rb-84m2

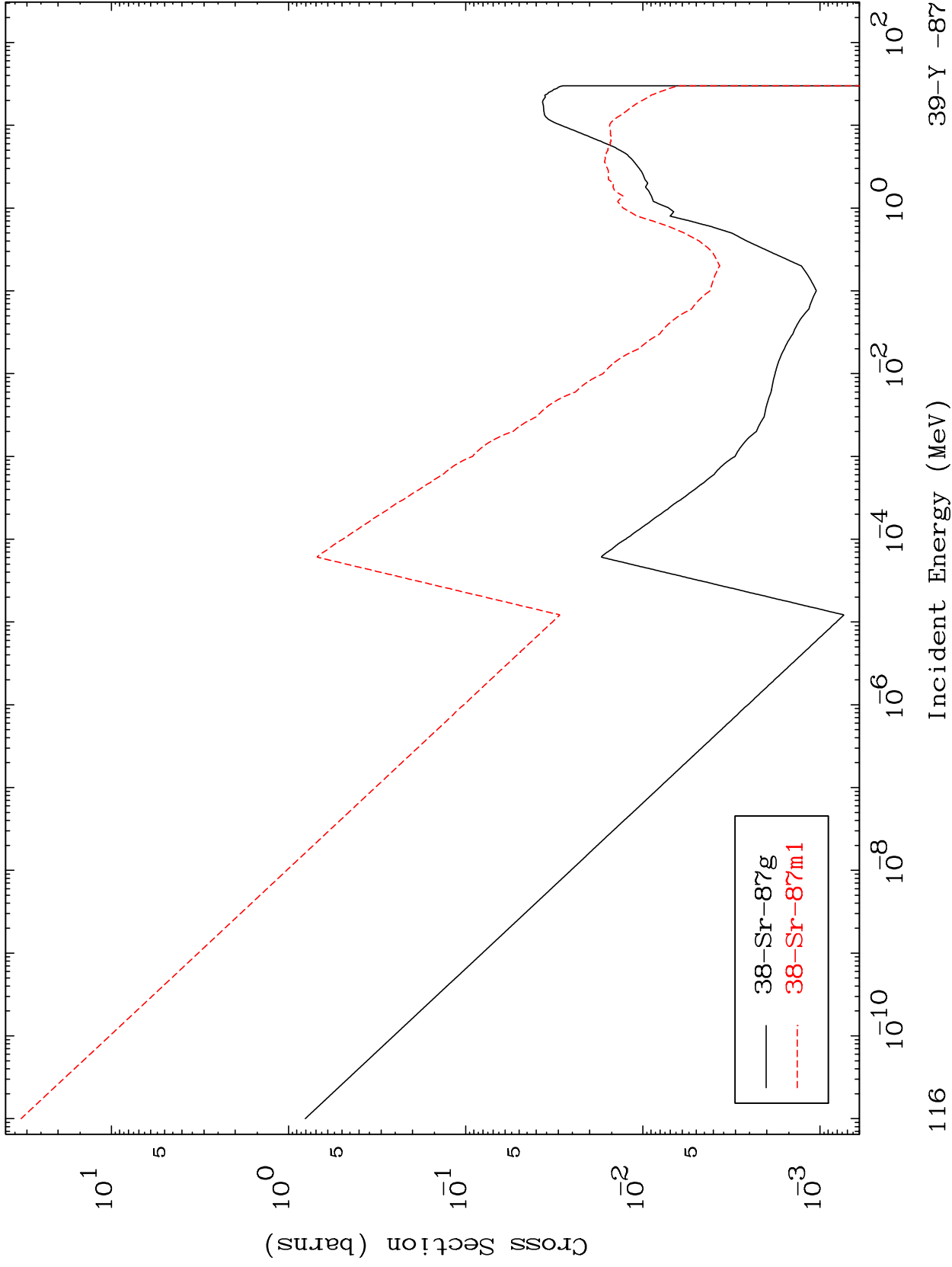
Radionuclide Production Cross Section



MAT 3919

39-Y -87

Radionuclide Production Cross Section (n,p)

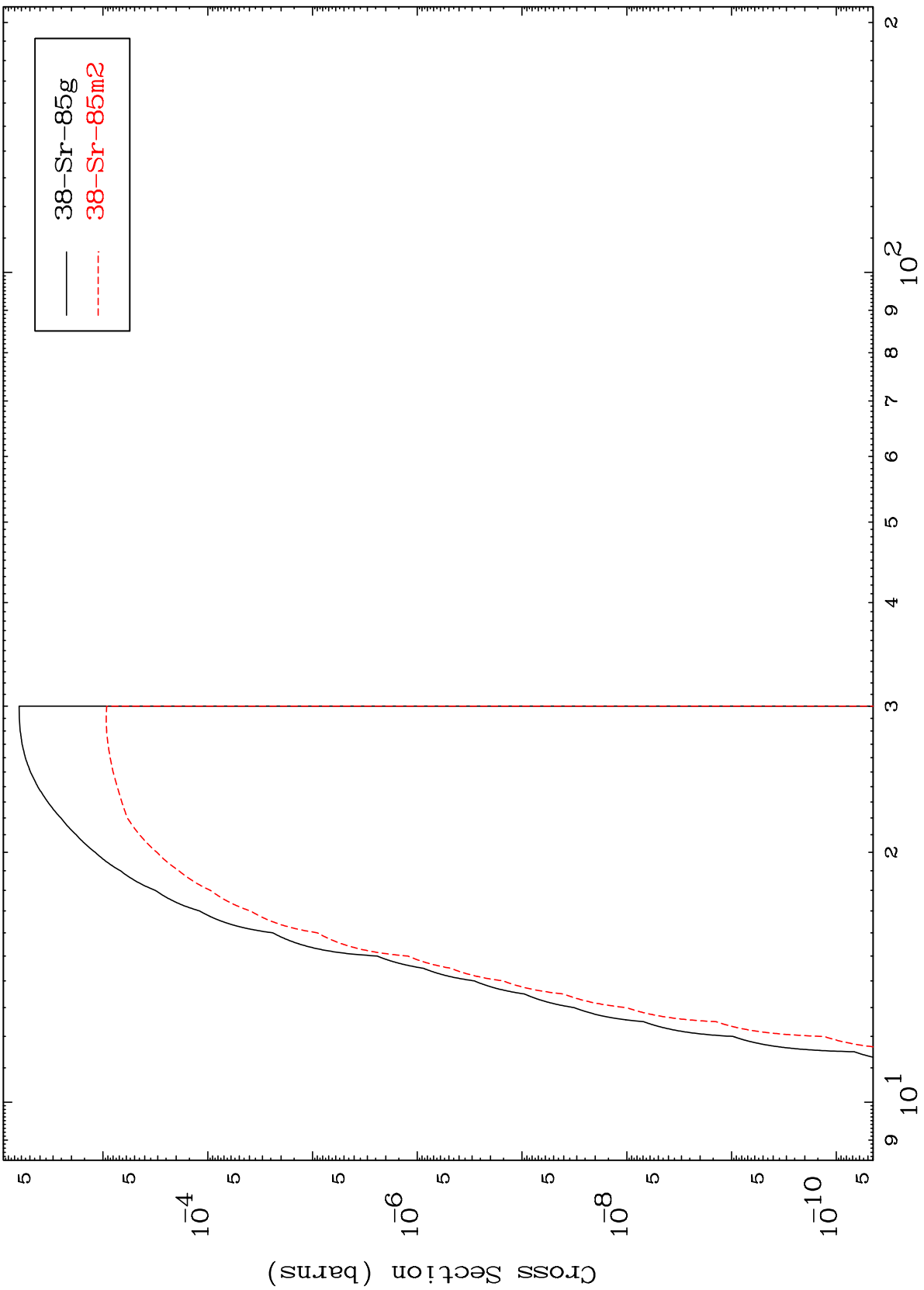


— 38-Sr-87g
- - - 38-Sr-87m1

MAT 3919

39-Y -87

(n,t)
Radionuclide Production Cross Section



117

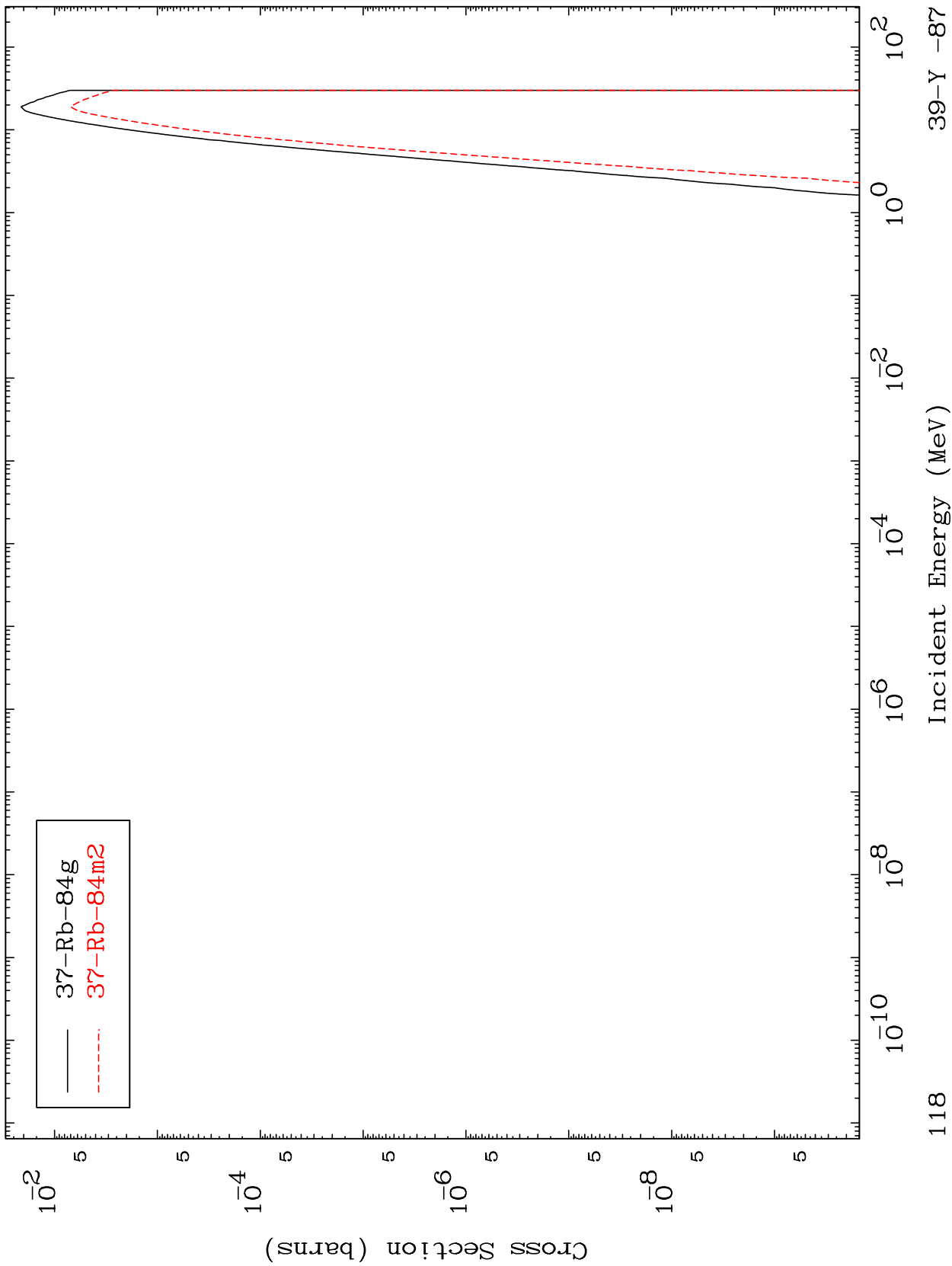
Incident Energy (MeV)

39-Y -87

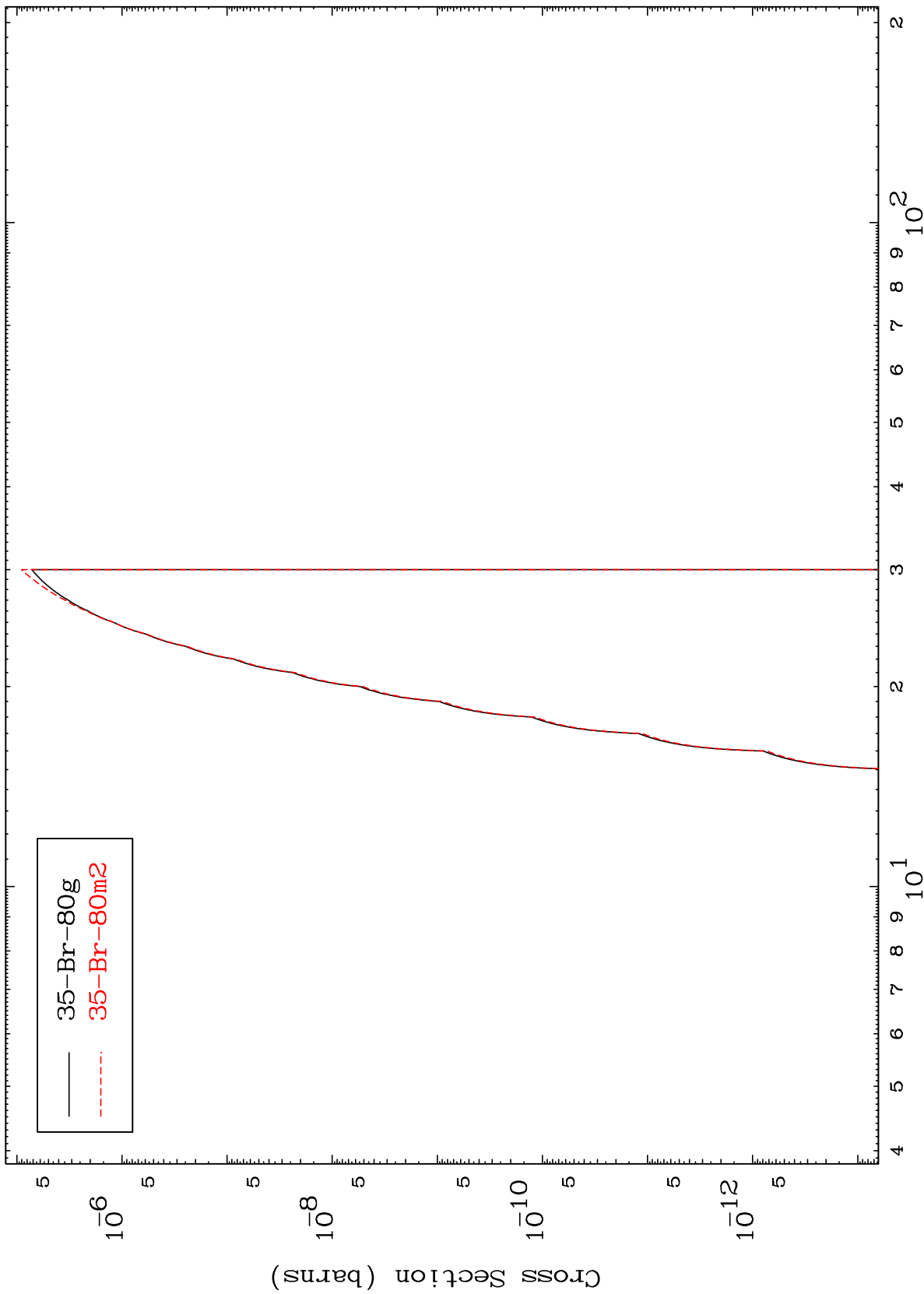
MAT 3919

39-Y -87

Radionuclide Production Cross Section (n,α)



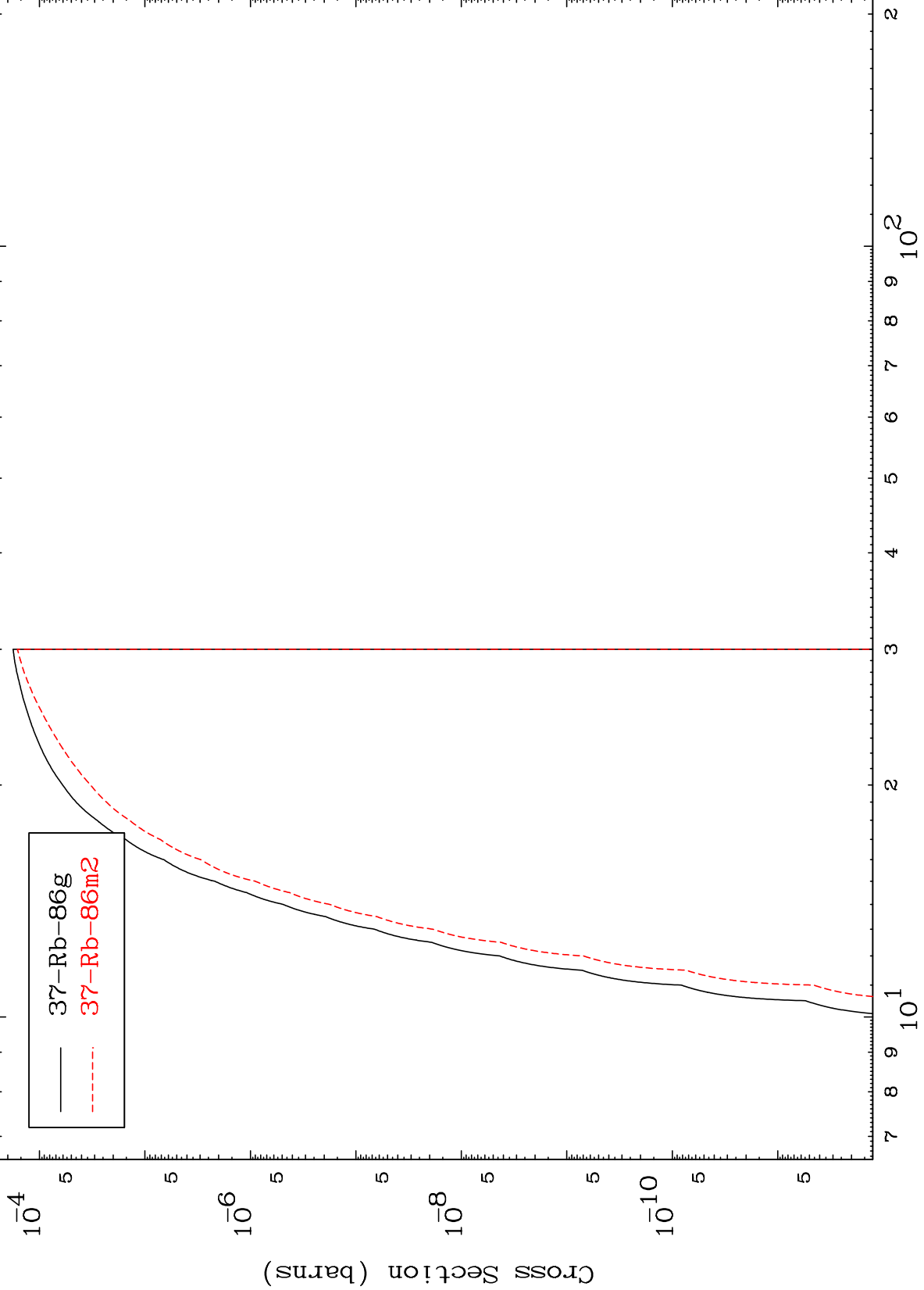
Radionuclide Production Cross Section
(n,2α)



MAT 3919

39-Y -87

Radionuclide Production Cross Section
(n,2p)



— 37-Rb-86g
- - - 37-Rb-86m2

120

Incident Energy (MeV)

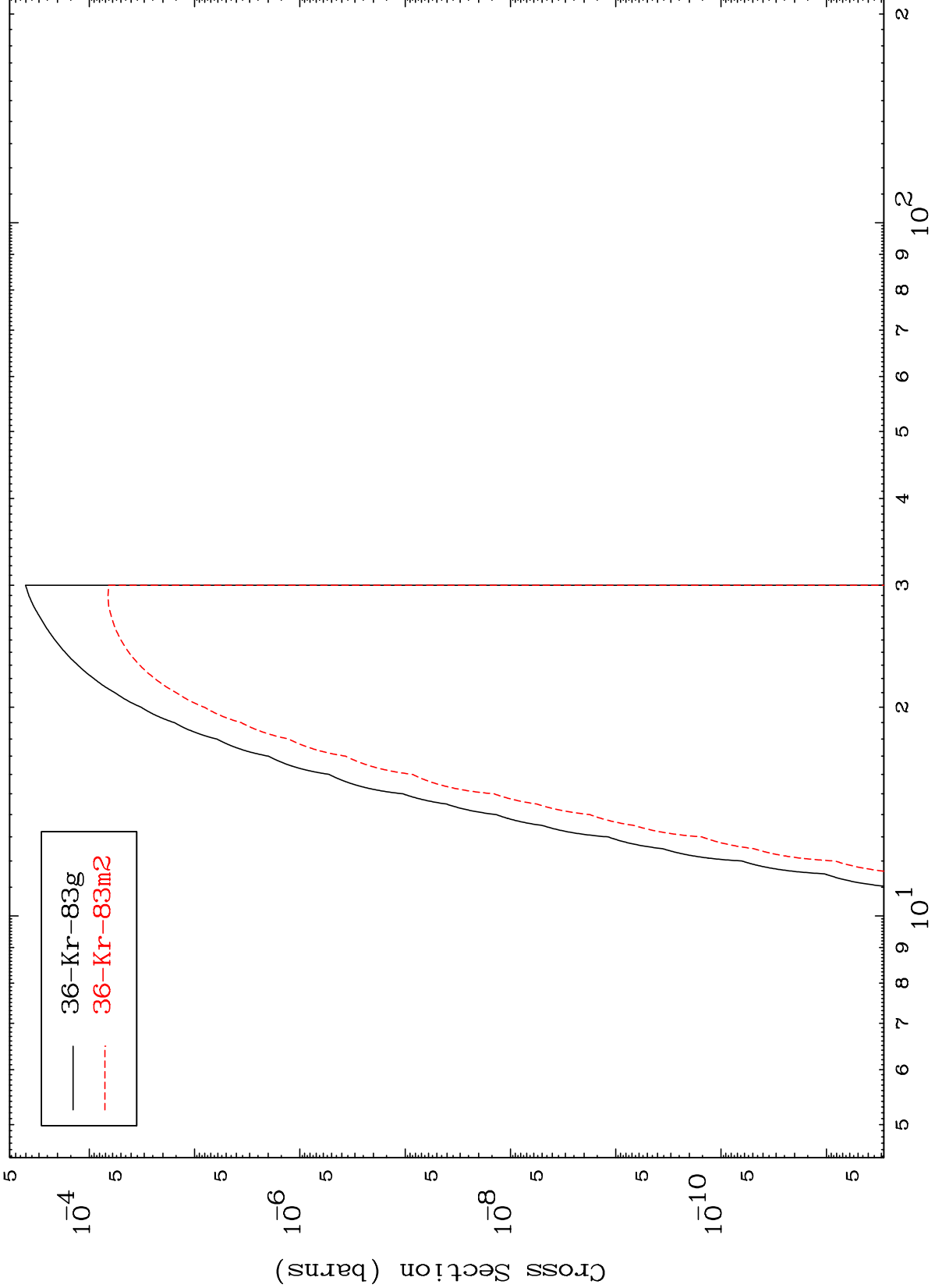
39-Y -87

MAT 3919

(n,p) α

39-Y -87

Radionuclide Production Cross Section



— 36-Kr-83g
- - - 36-Kr-83m2

121

Incident Energy (MeV)

39-Y -87

Radionuclide Production Cross Section

