

Program EVALPLOT
(Version 2015-2)

by

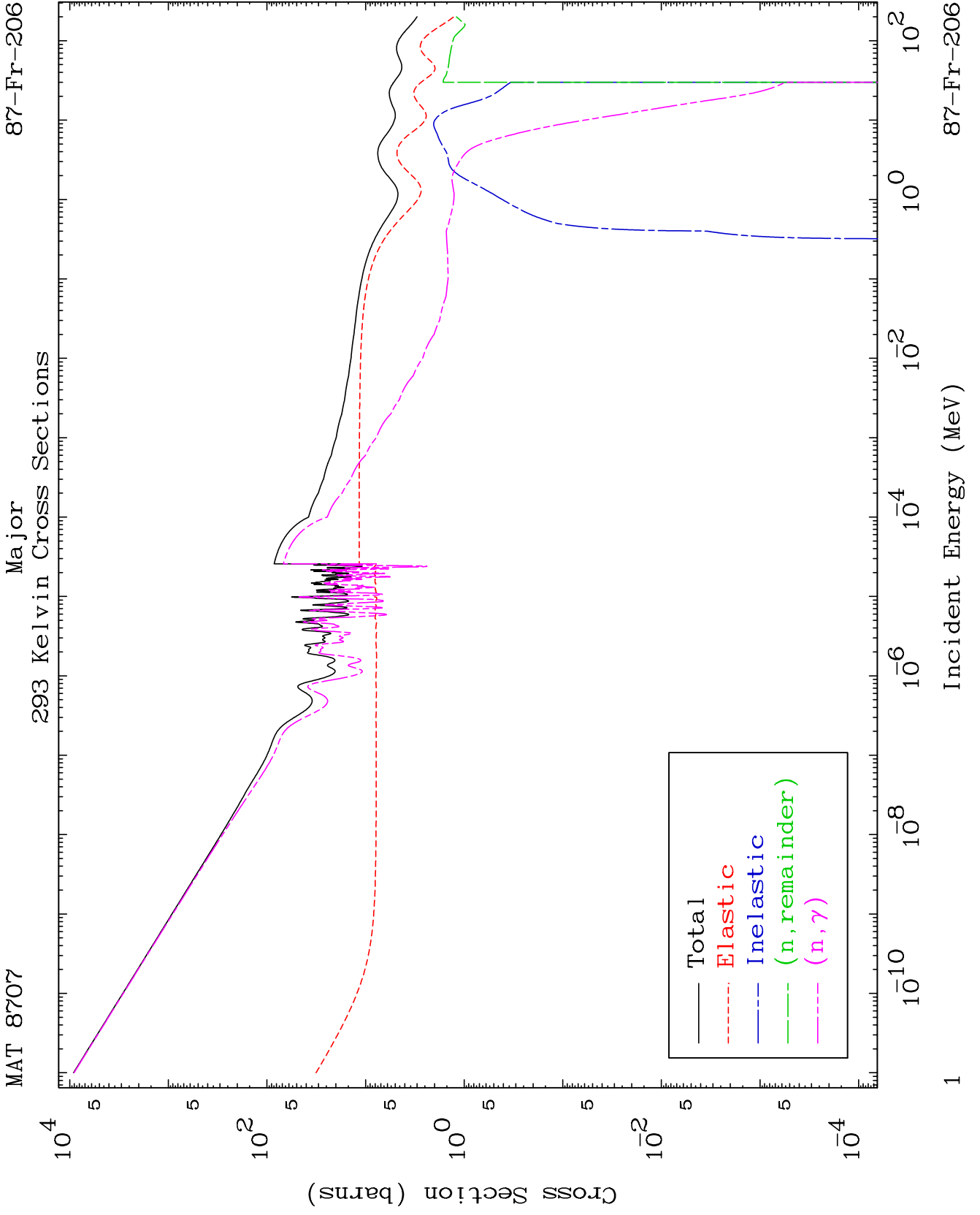
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
U.S.A.

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E.Mail:redcullen1@comcast.net
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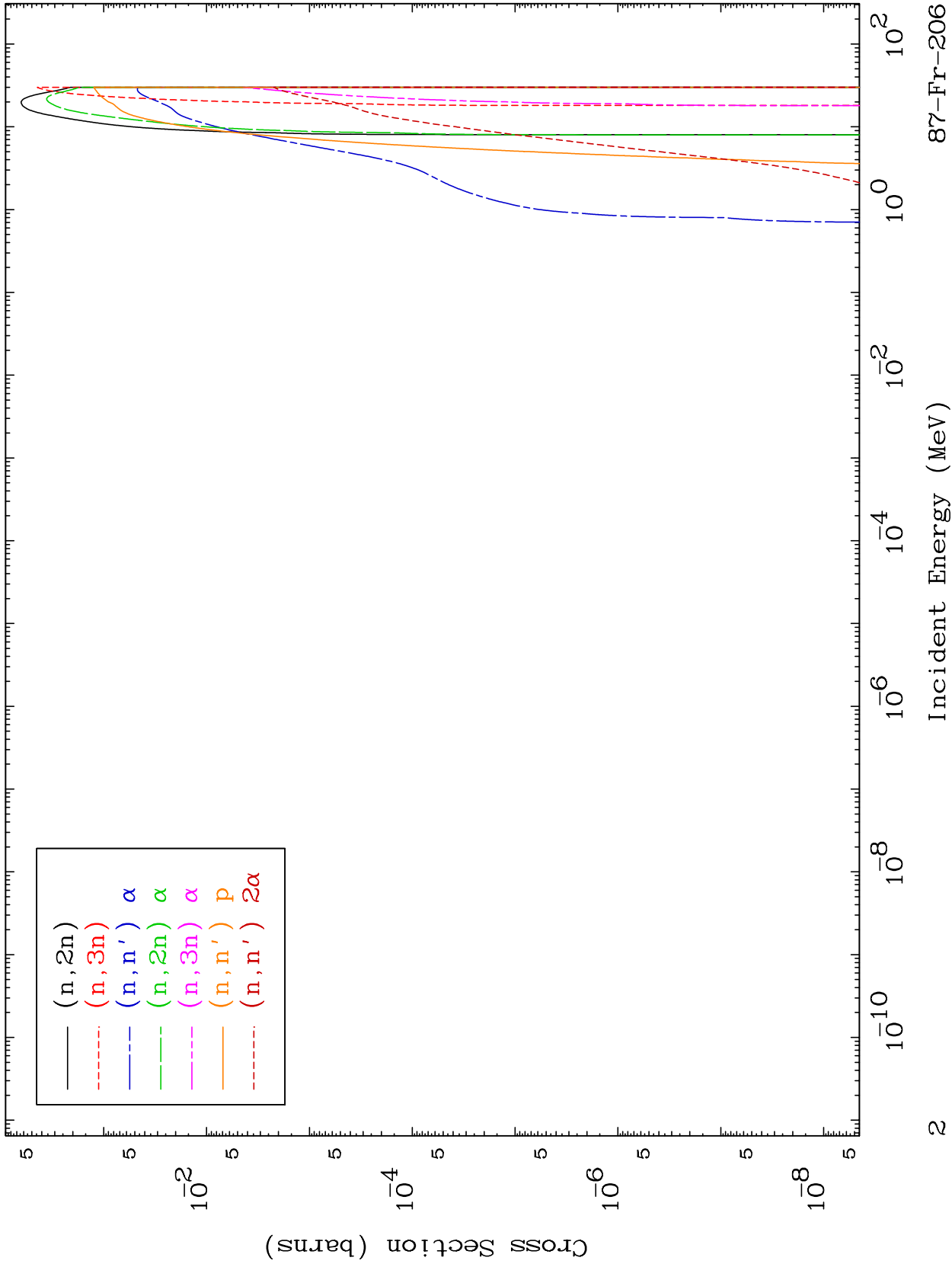
Press Mouse Button to Start



MAT 8707

Neutron Production
293 Kelvin Cross Sections

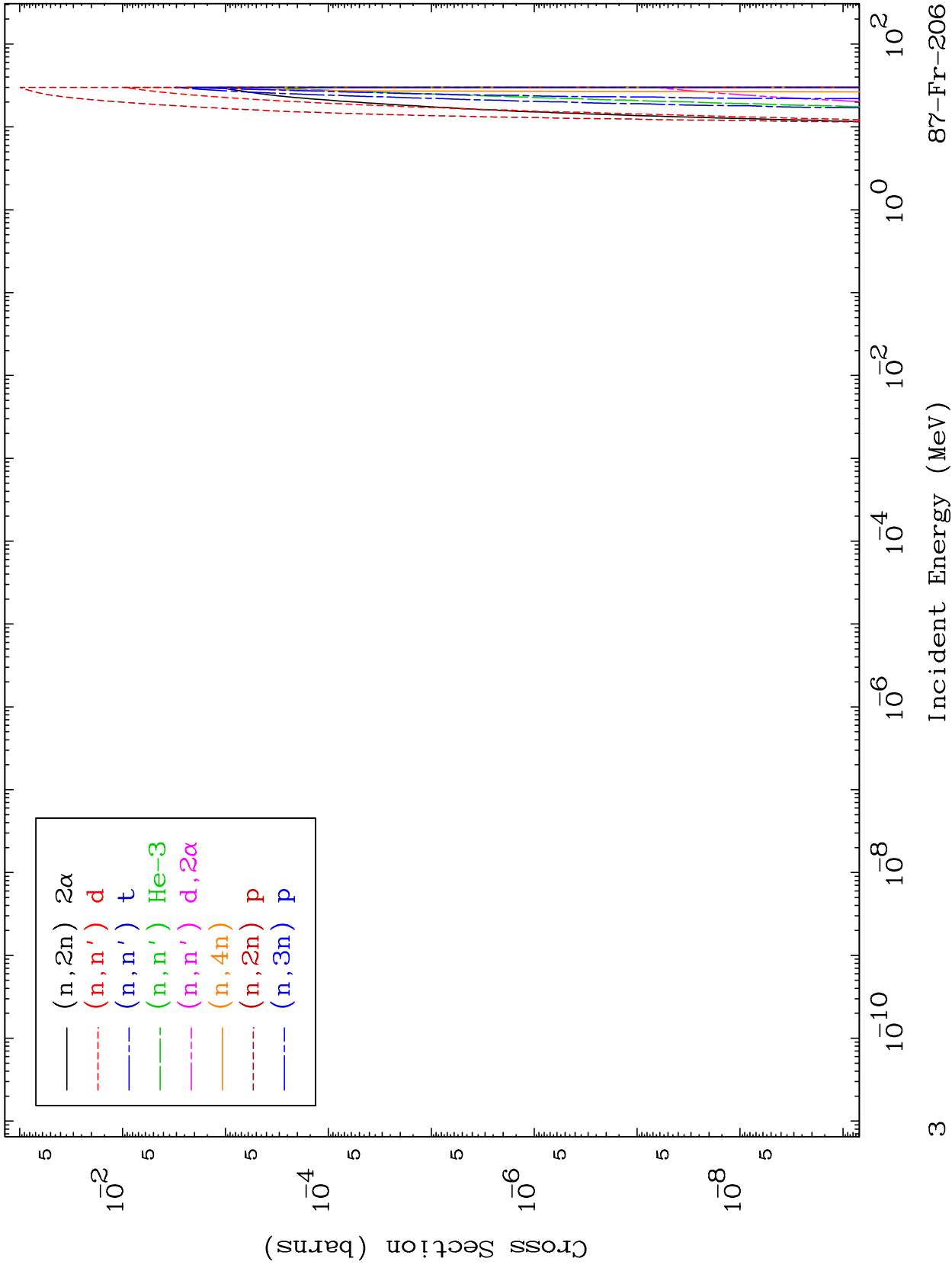
87-Fr-206



MAT 8707

Neutron Production
293 Kelvin Cross Sections

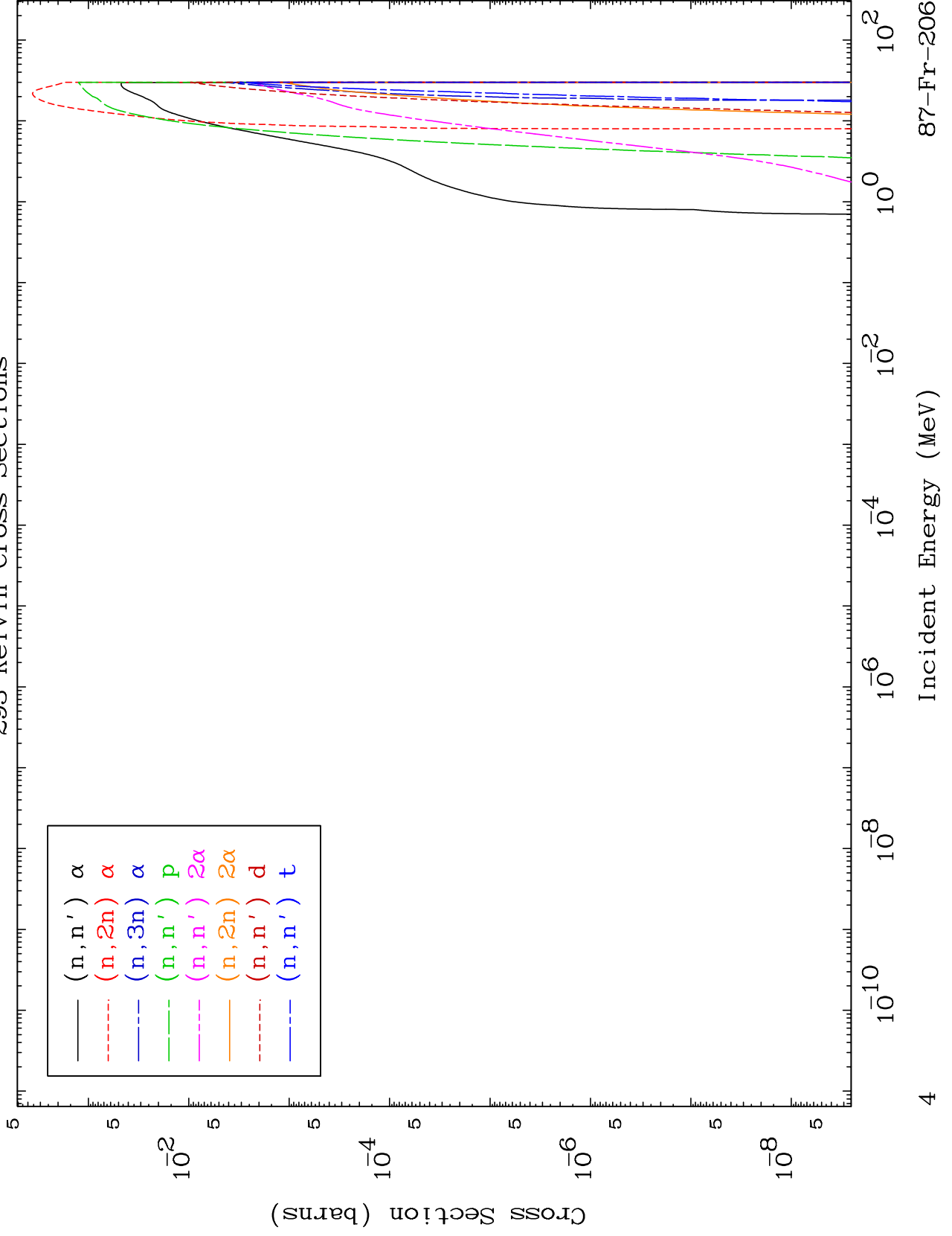
87-Fr-206



MAT 8707

Charged Particle
293 Kelvin Cross Sections

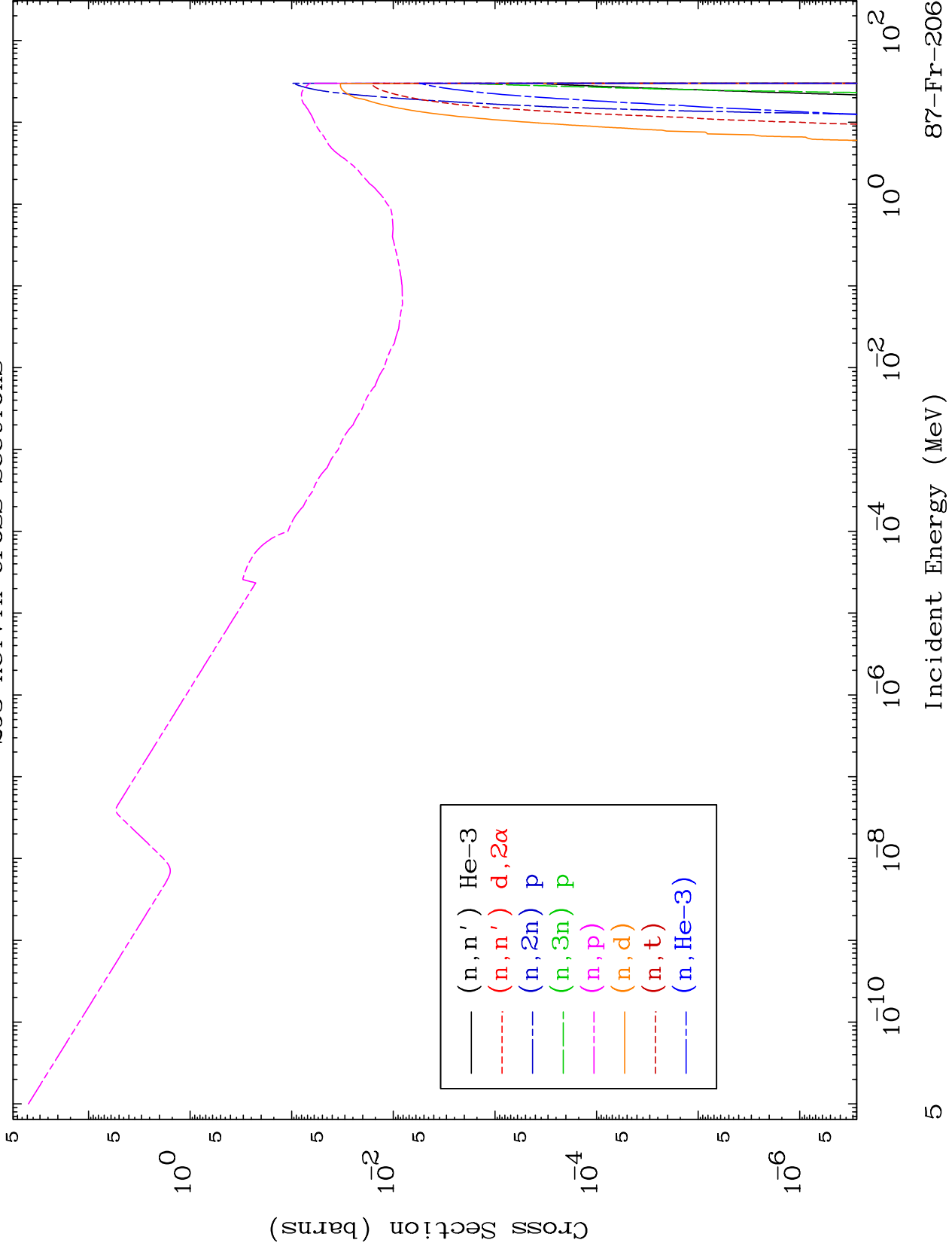
87-Fr-206



MAT 8707

Charged Particle
293 Kelvin Cross Sections

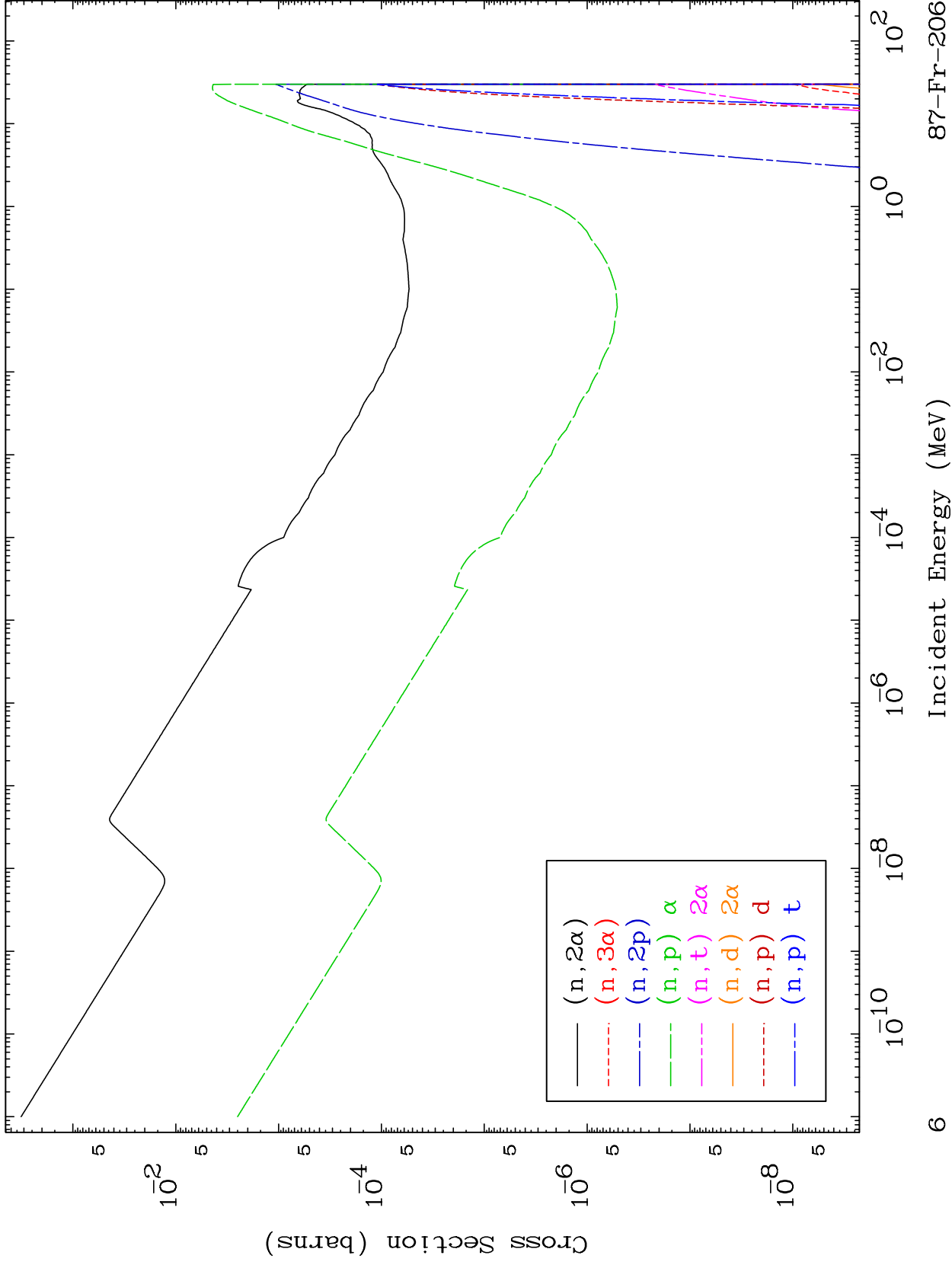
87-Fr-206



MAT 8707

Charged Particle
293 Kelvin Cross Sections

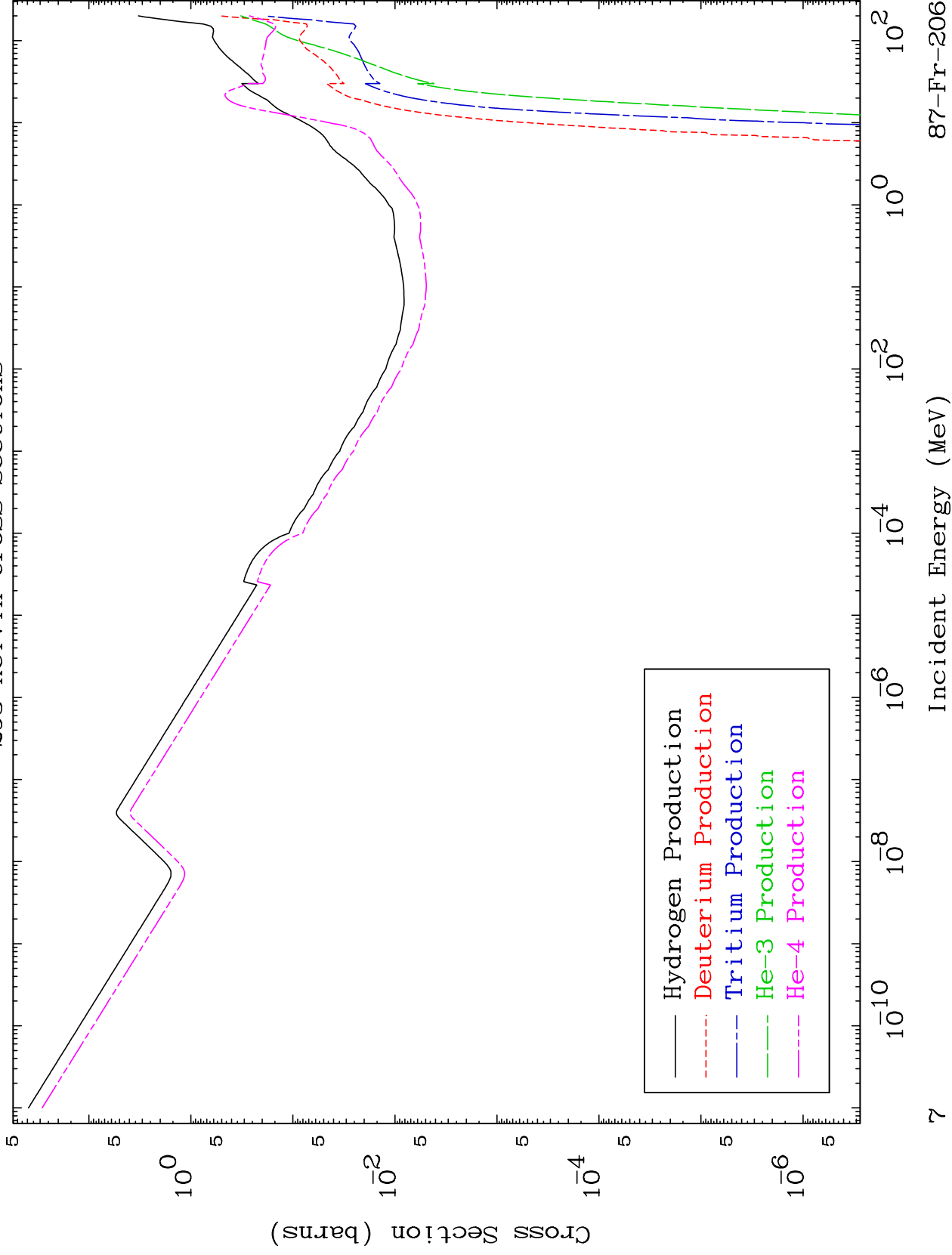
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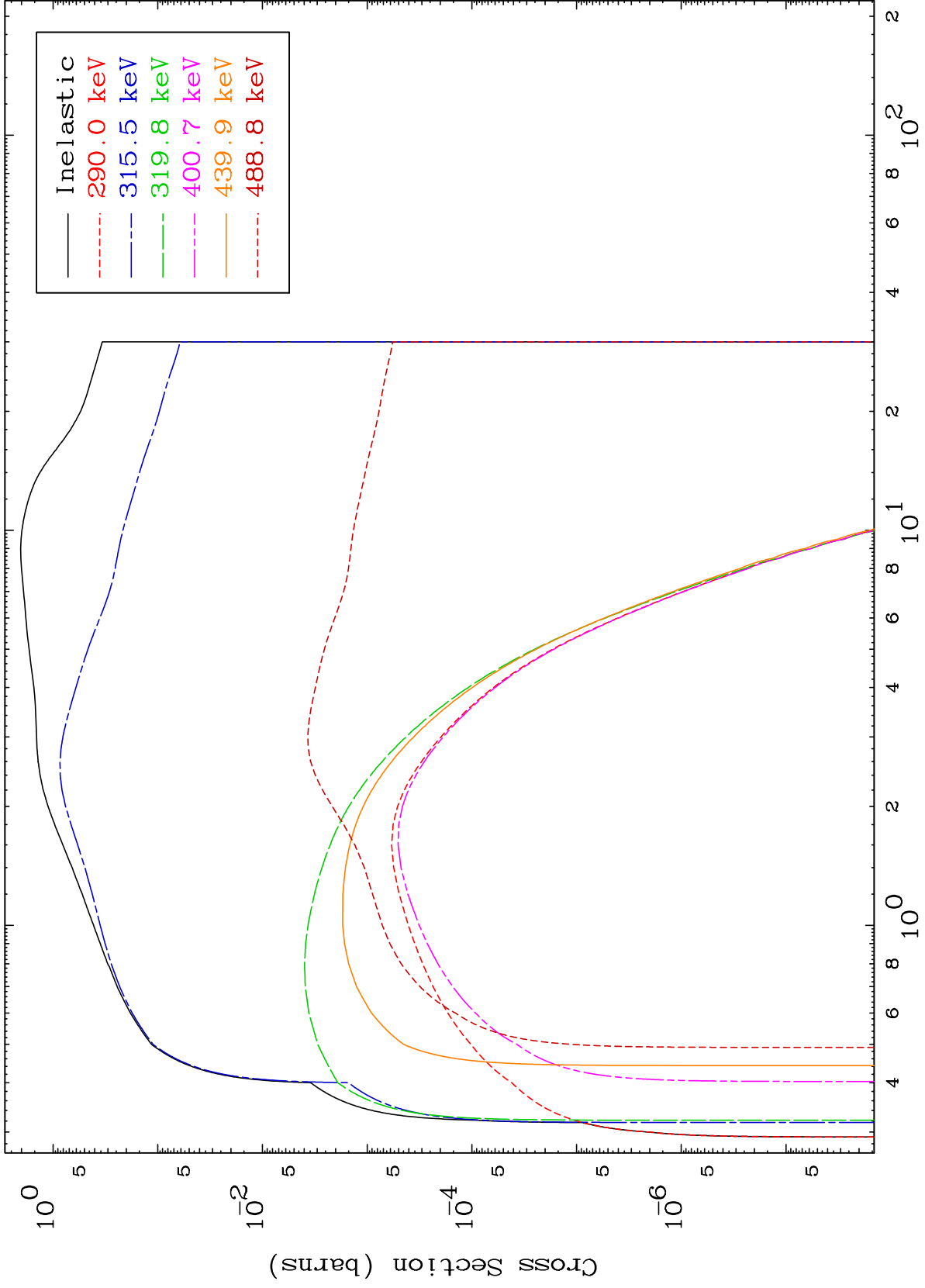


MAT 8707

Particle Production
293 Kelvin Cross Sections

87-Fr-206

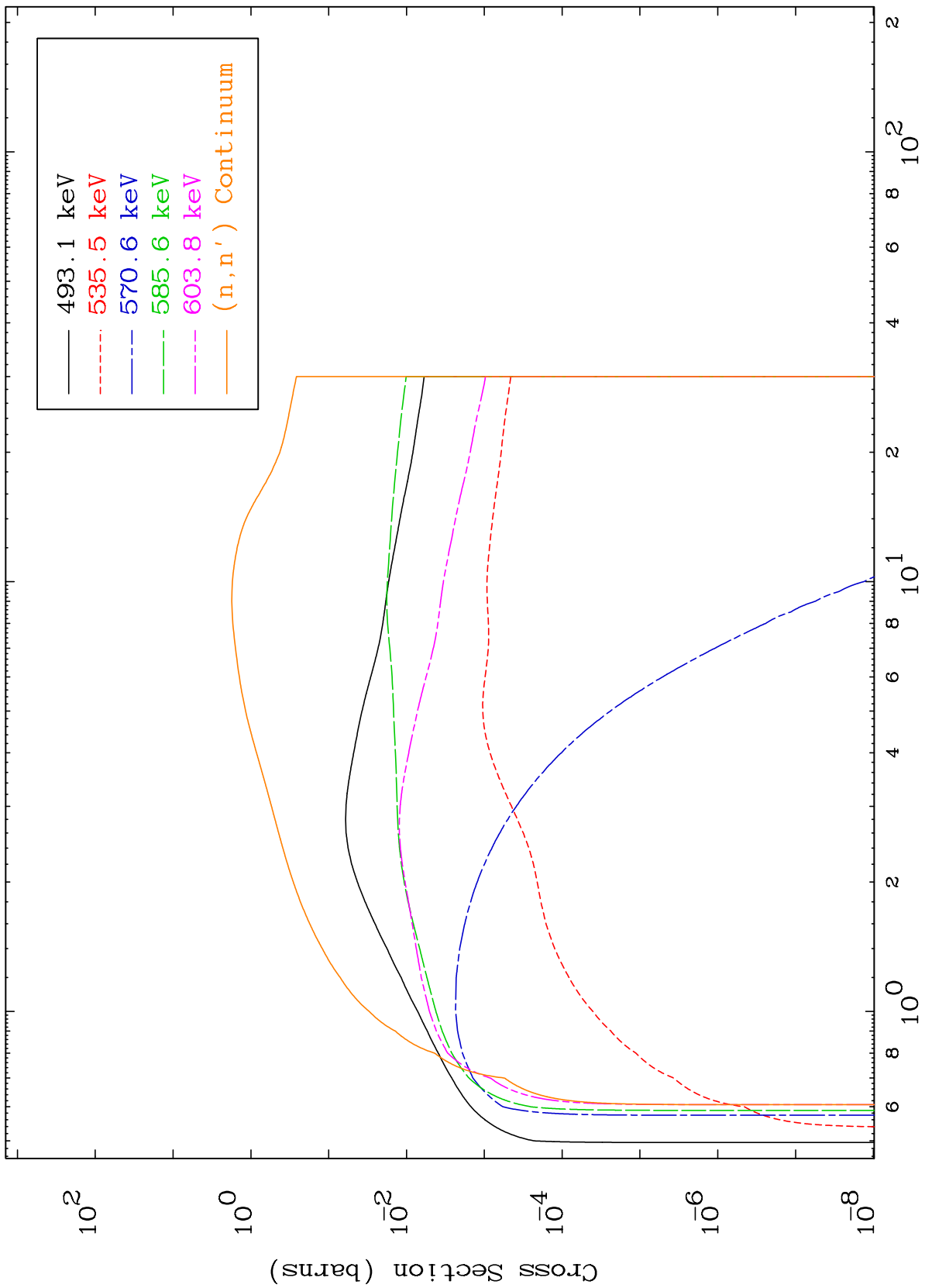




MAT 8707

(n,n') Level
293 Kelvin Cross Sections

87-Fr-206



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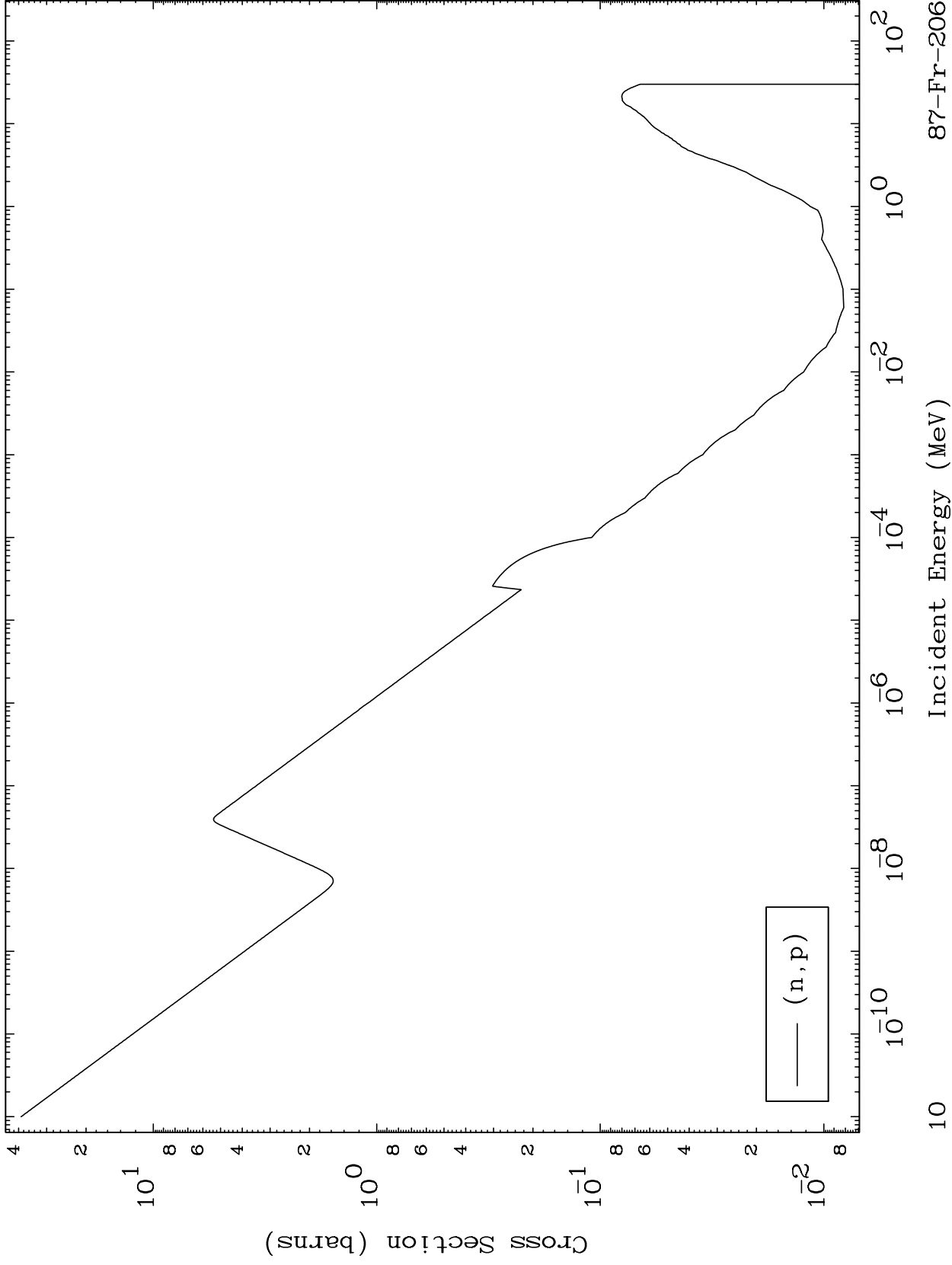
Incident Energy (MeV)

87-Fr-206

MAT 8707

(n,p) Levels
293 Kelvin Cross Sections

87-Fr-206



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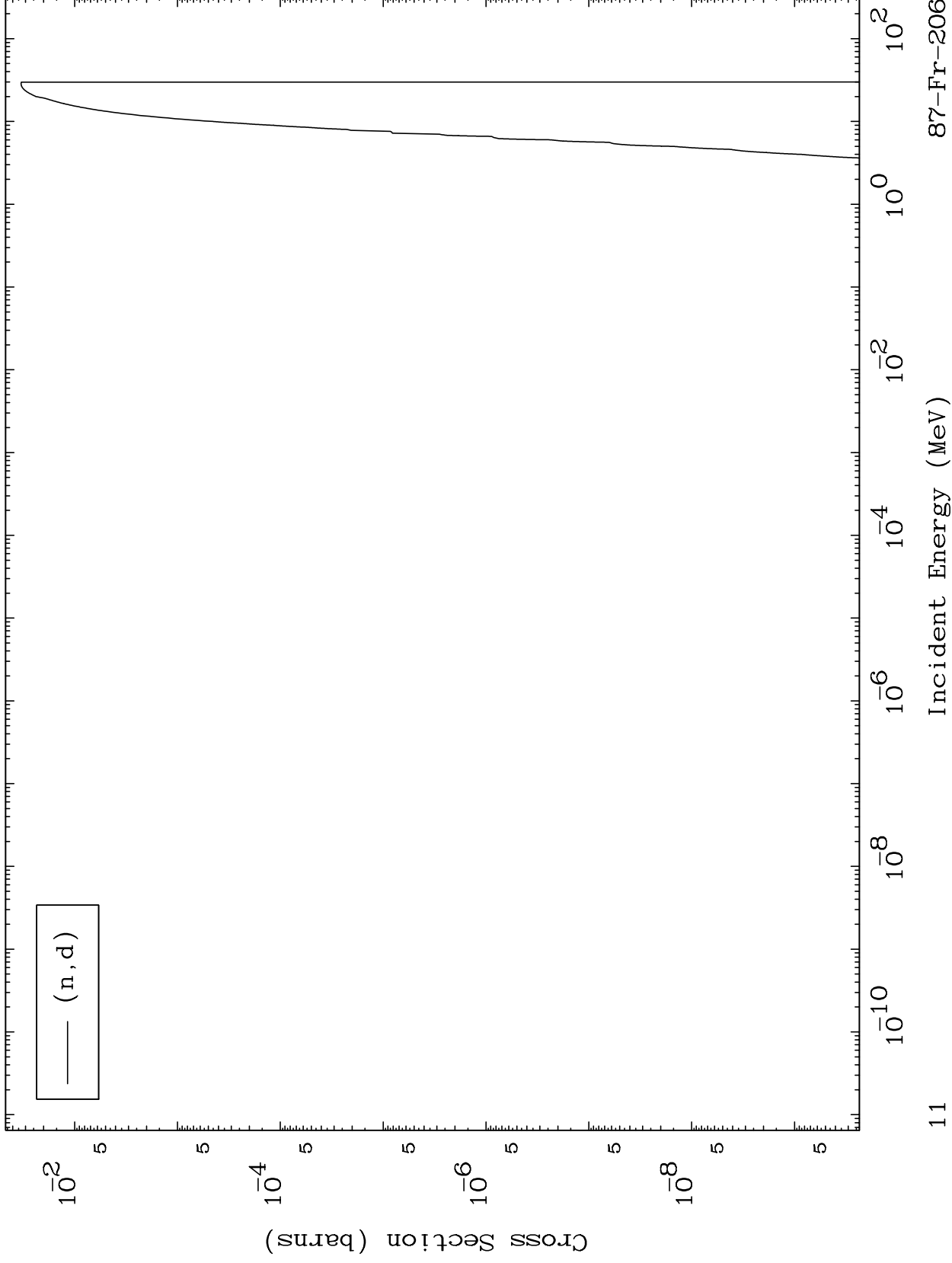
Incident Energy (MeV)

87-Fr-206

MAT 8707

(n,d) Levels
293 Kelvin Cross Sections

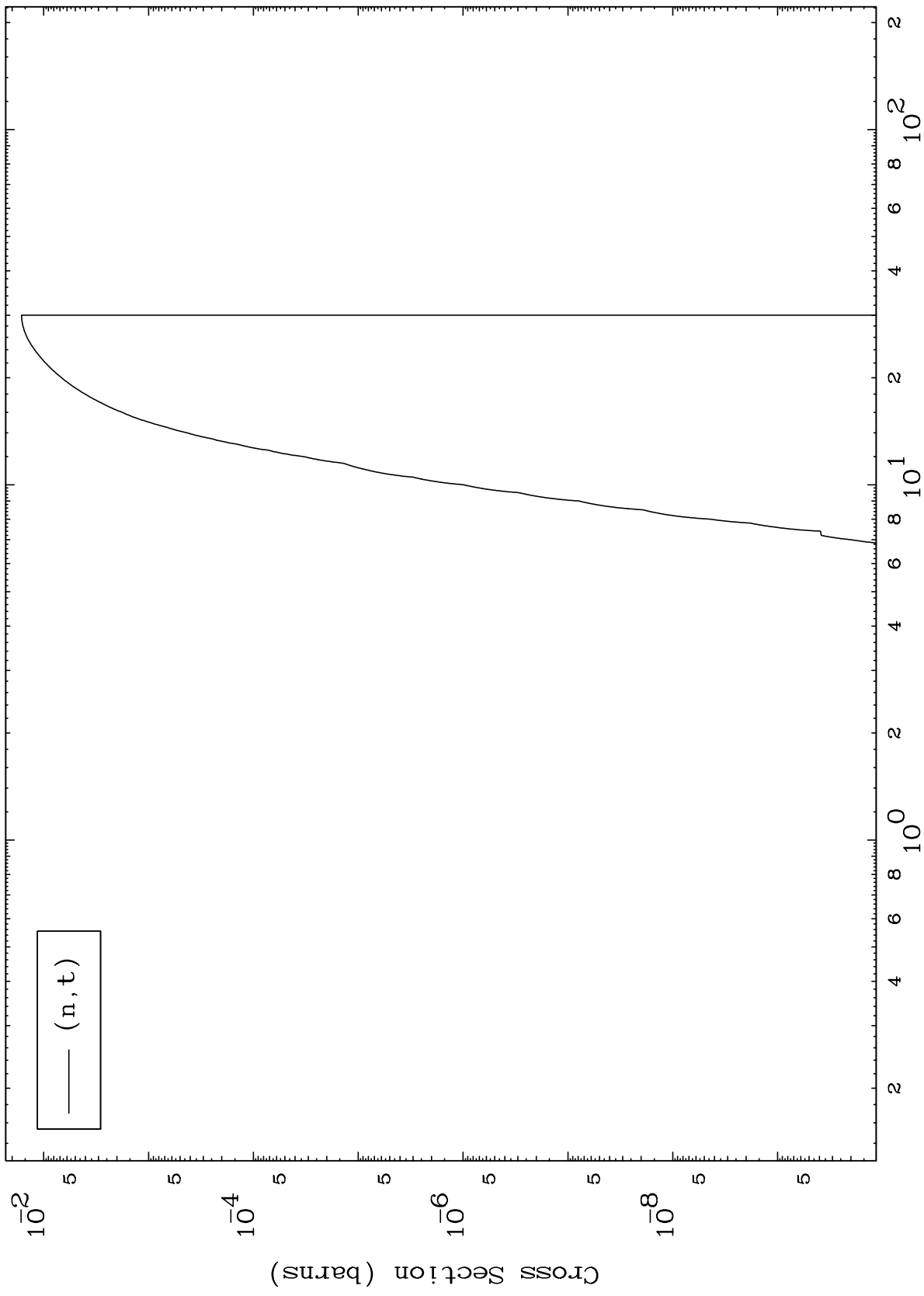
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MAT 8707

(n,t) Levels
293 Kelvin Cross Sections

87-Fr-206



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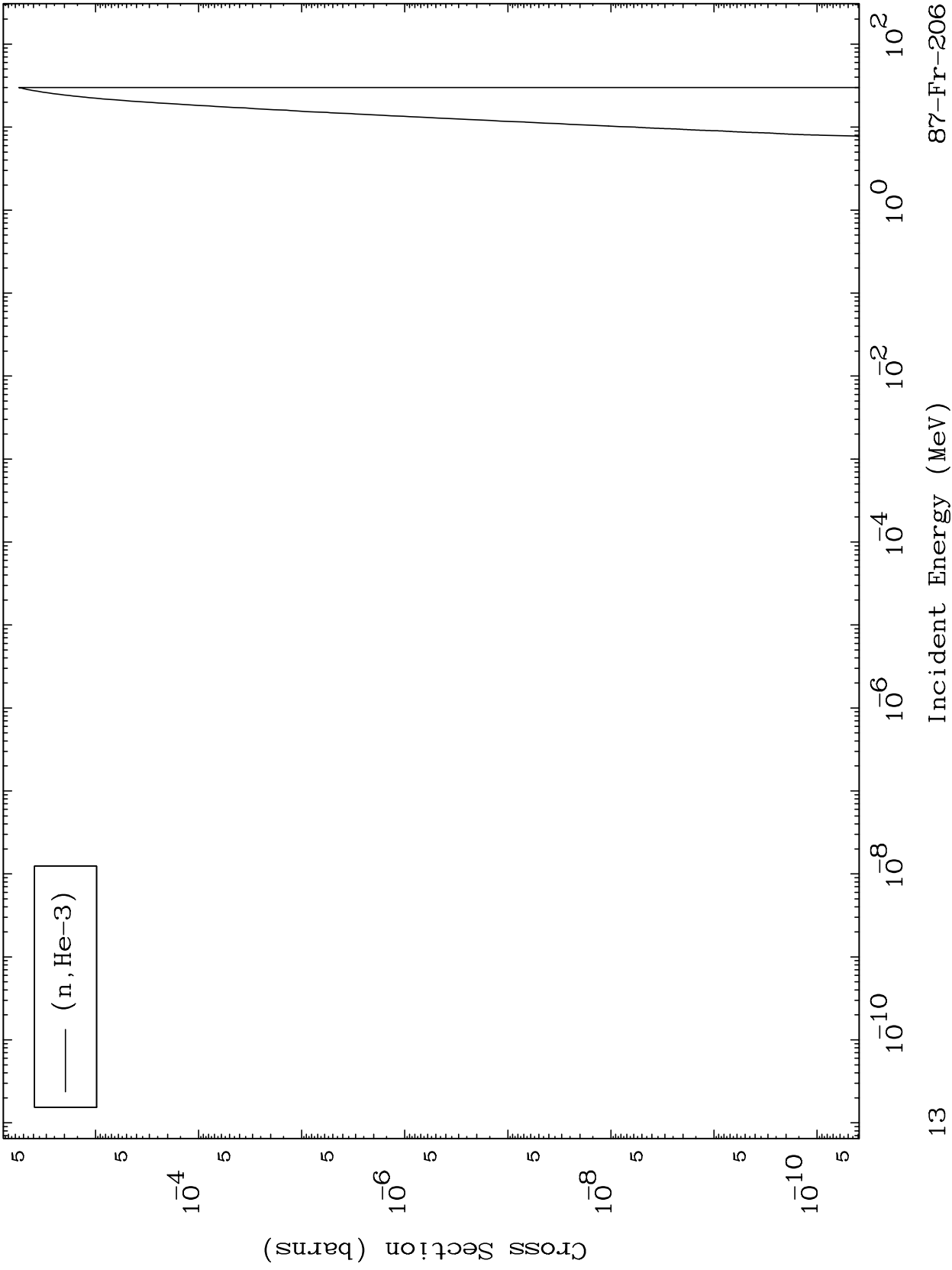
Incident Energy (MeV)

87-Fr-206

MAT 8707

(n,He3) Levels
293 Kelvin Cross Sections

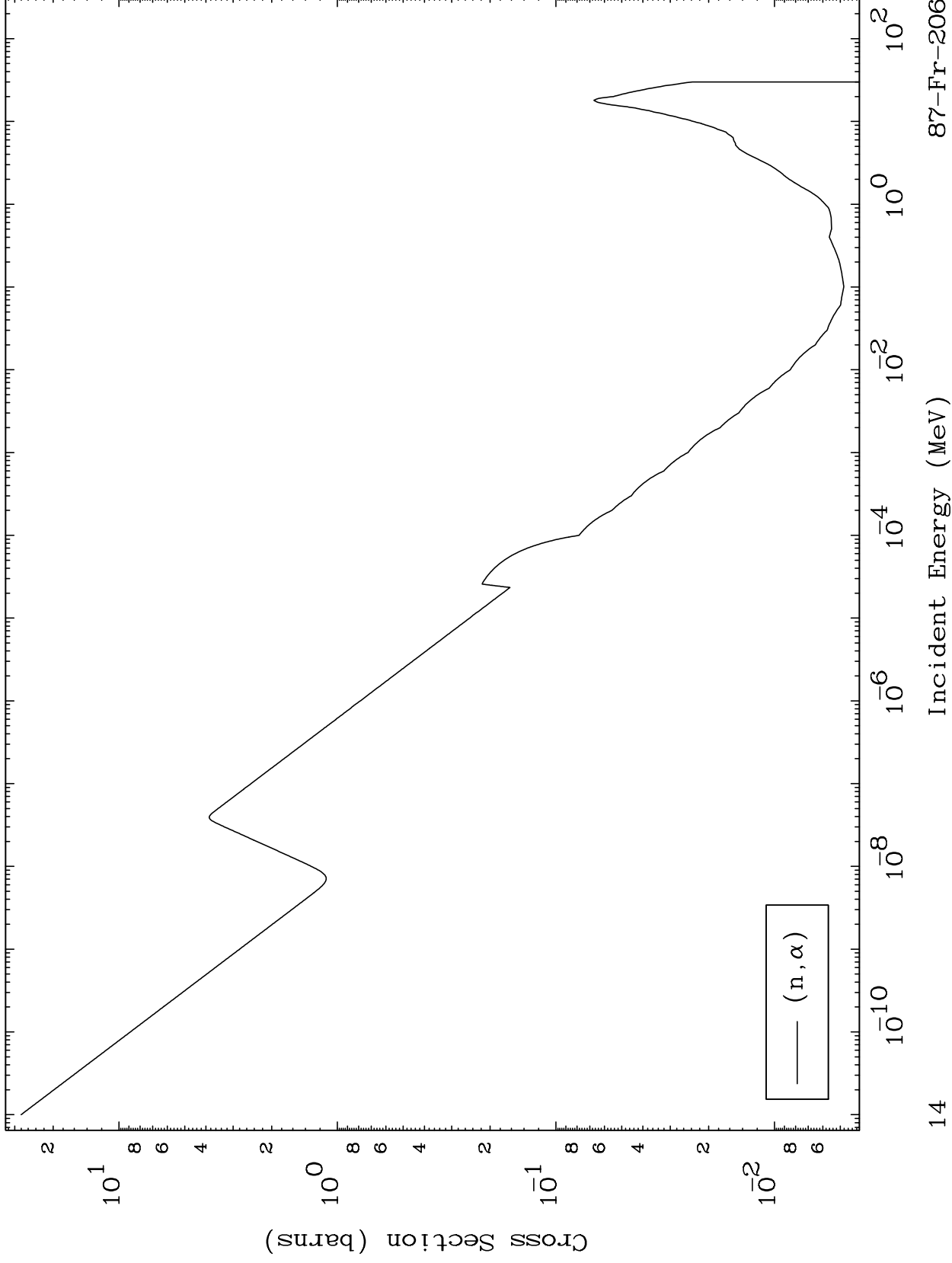
87-Fr-206

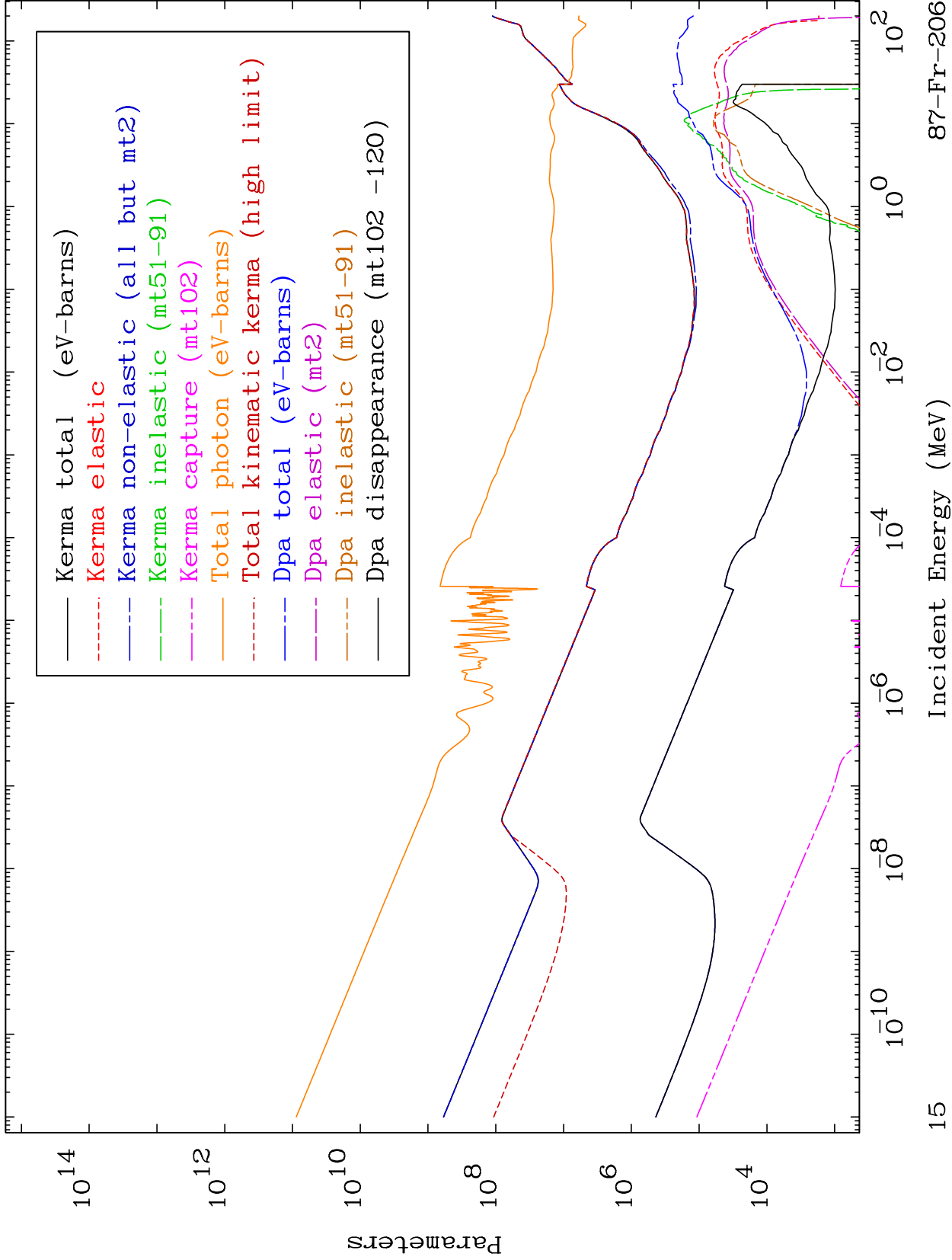


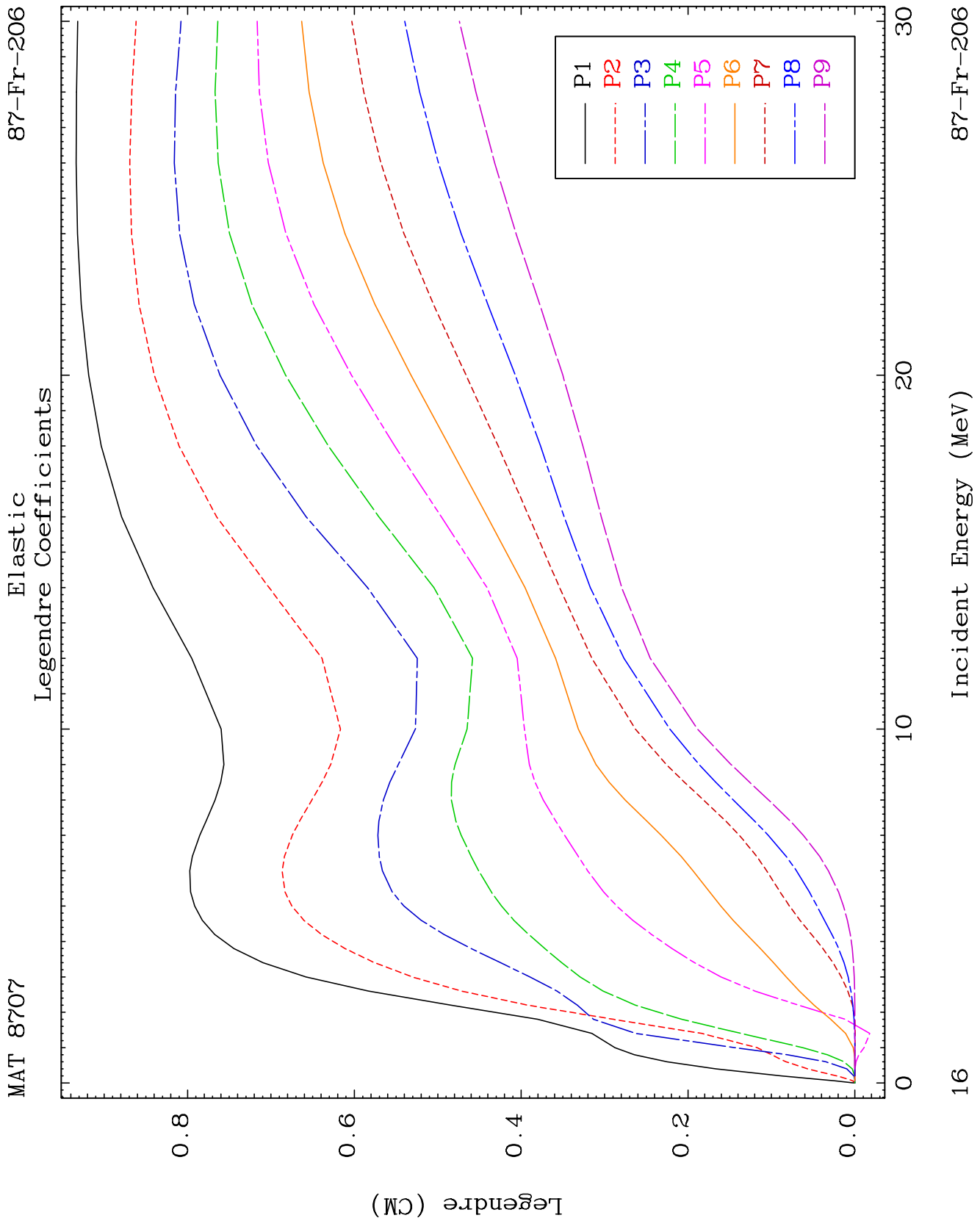
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(n,α) Levels
293 Kelvin Cross Sections

87-Fr-206



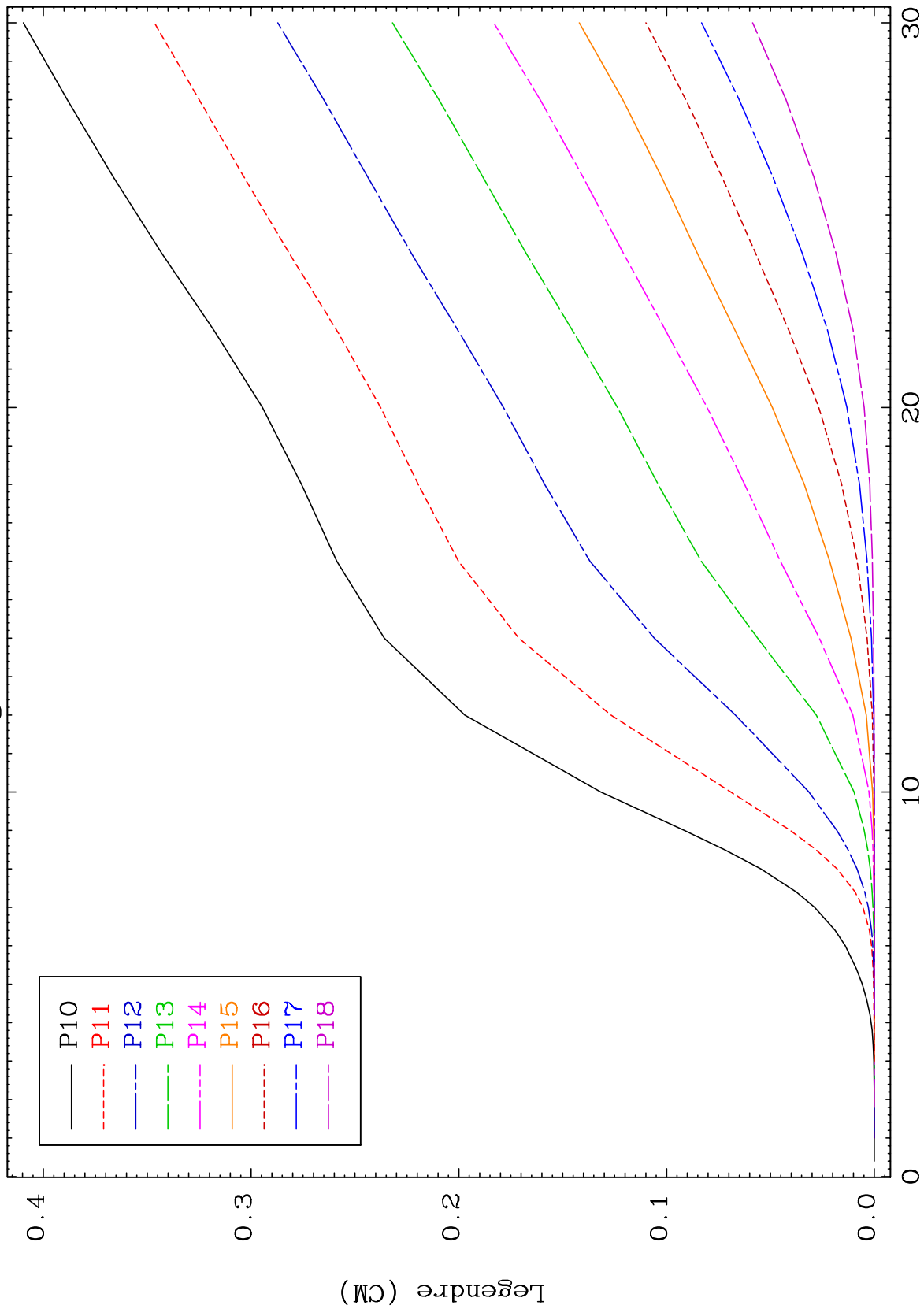




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Elastic Legendre Coefficients

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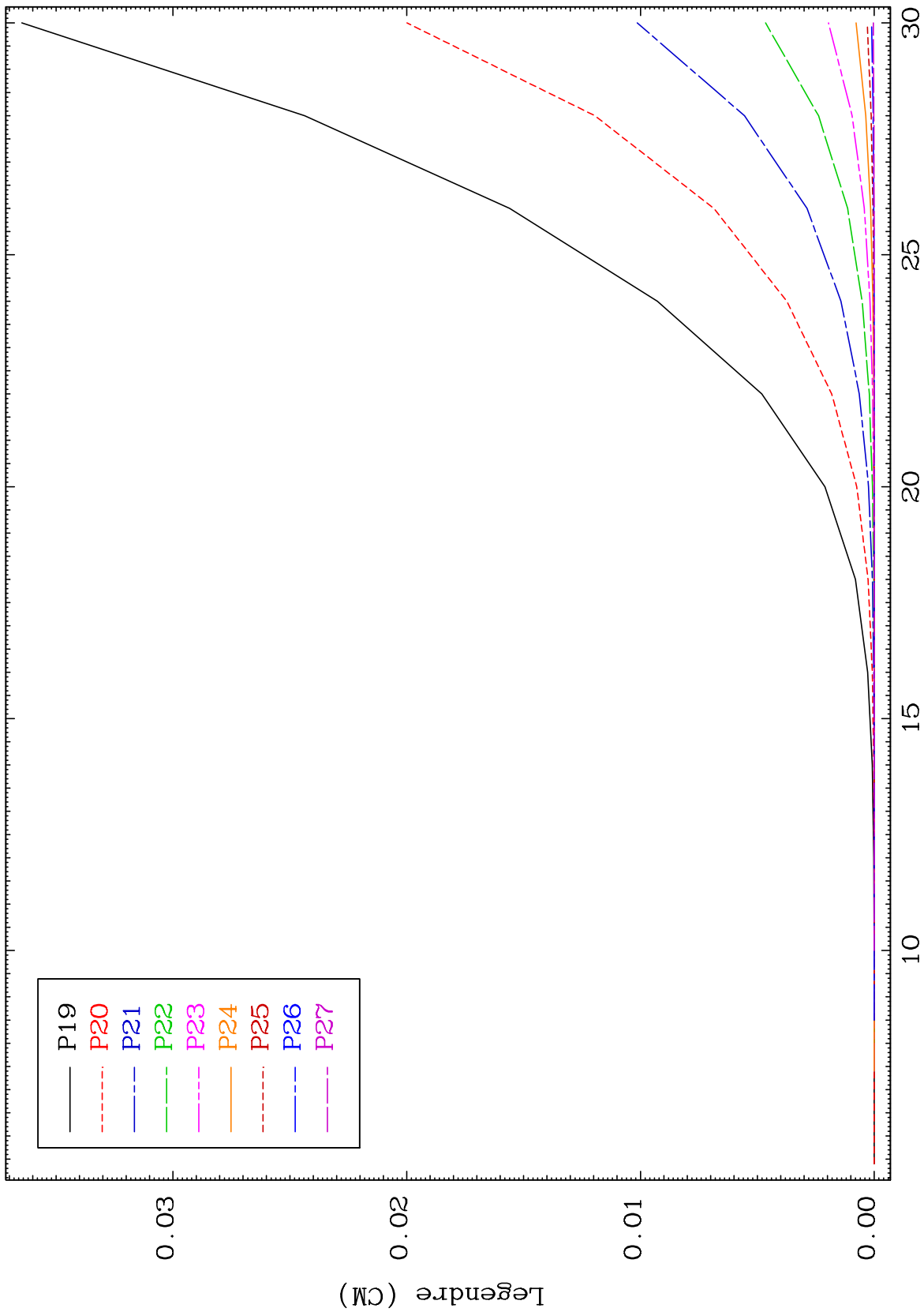
Incident Energy (MeV)

87-Fr-206

MAT 8707

Elastic Legendre Coefficients

87-Fr-206



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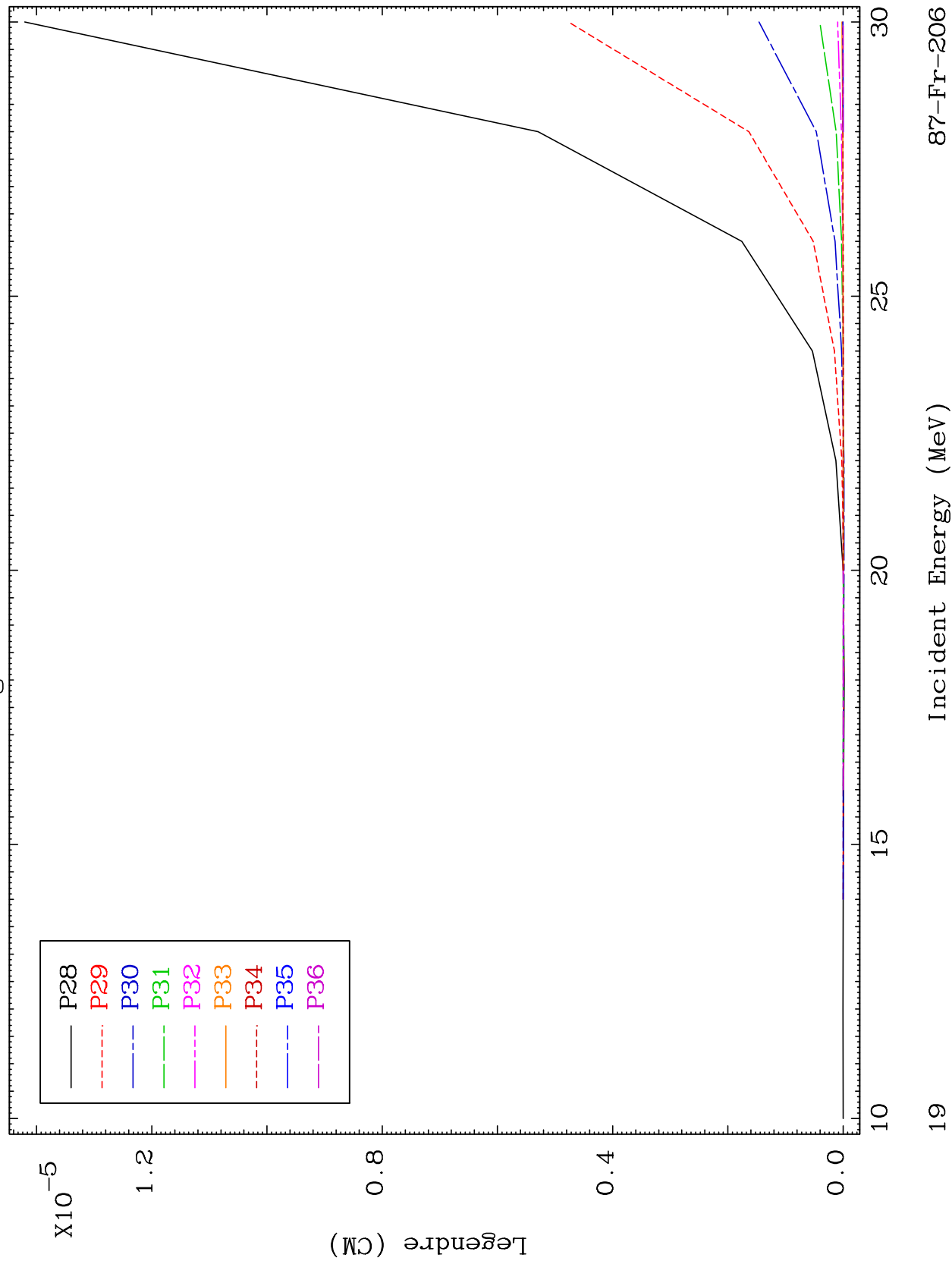
Incident Energy (MeV)

87-Fr-206

MAT 8707

Elastic
Legendre Coefficients

87-Fr-206



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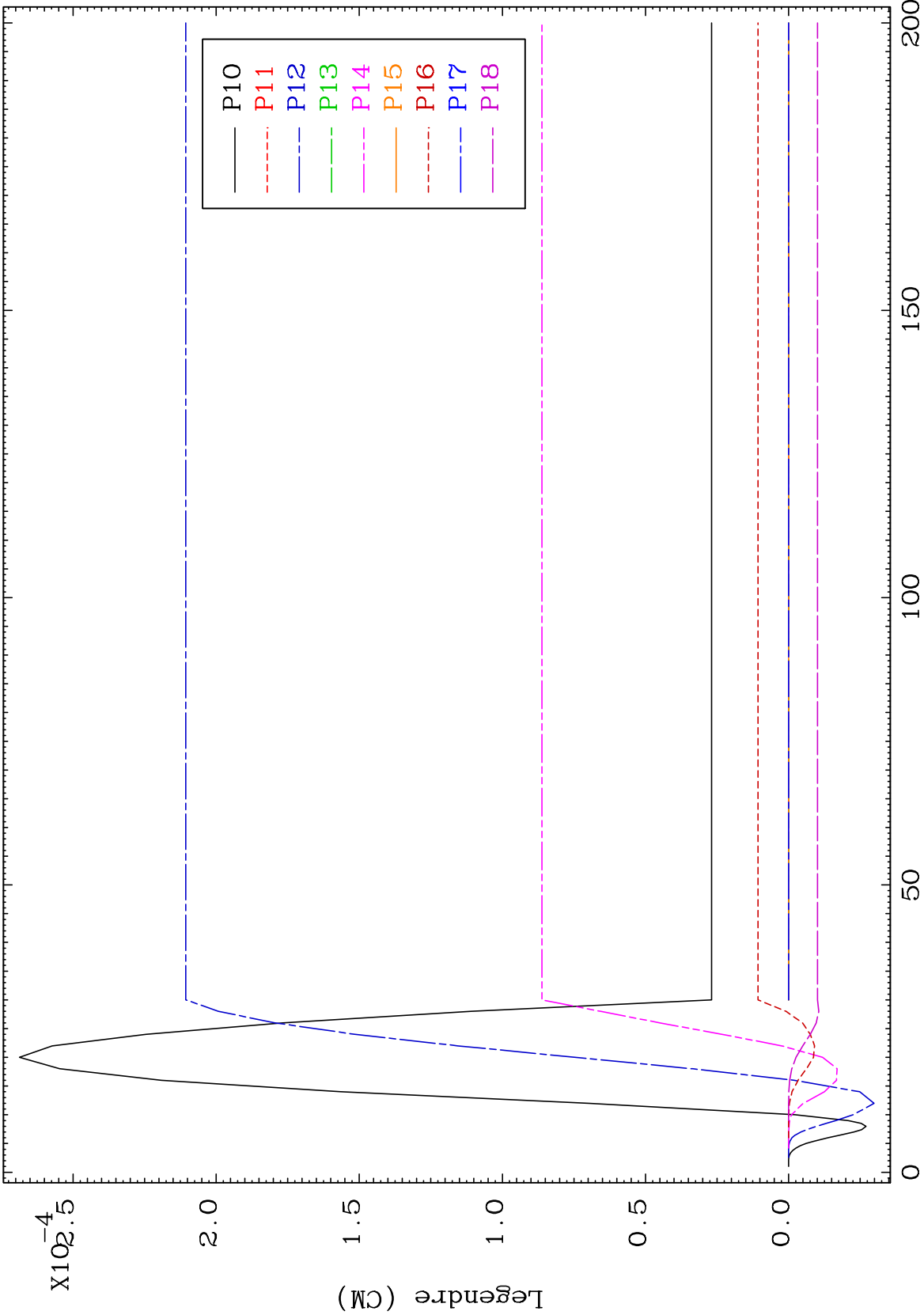
Incident Energy (MeV)

87-Fr-206

MAT 8707

290.0 keV (n,n') Level
Legendre Coefficients

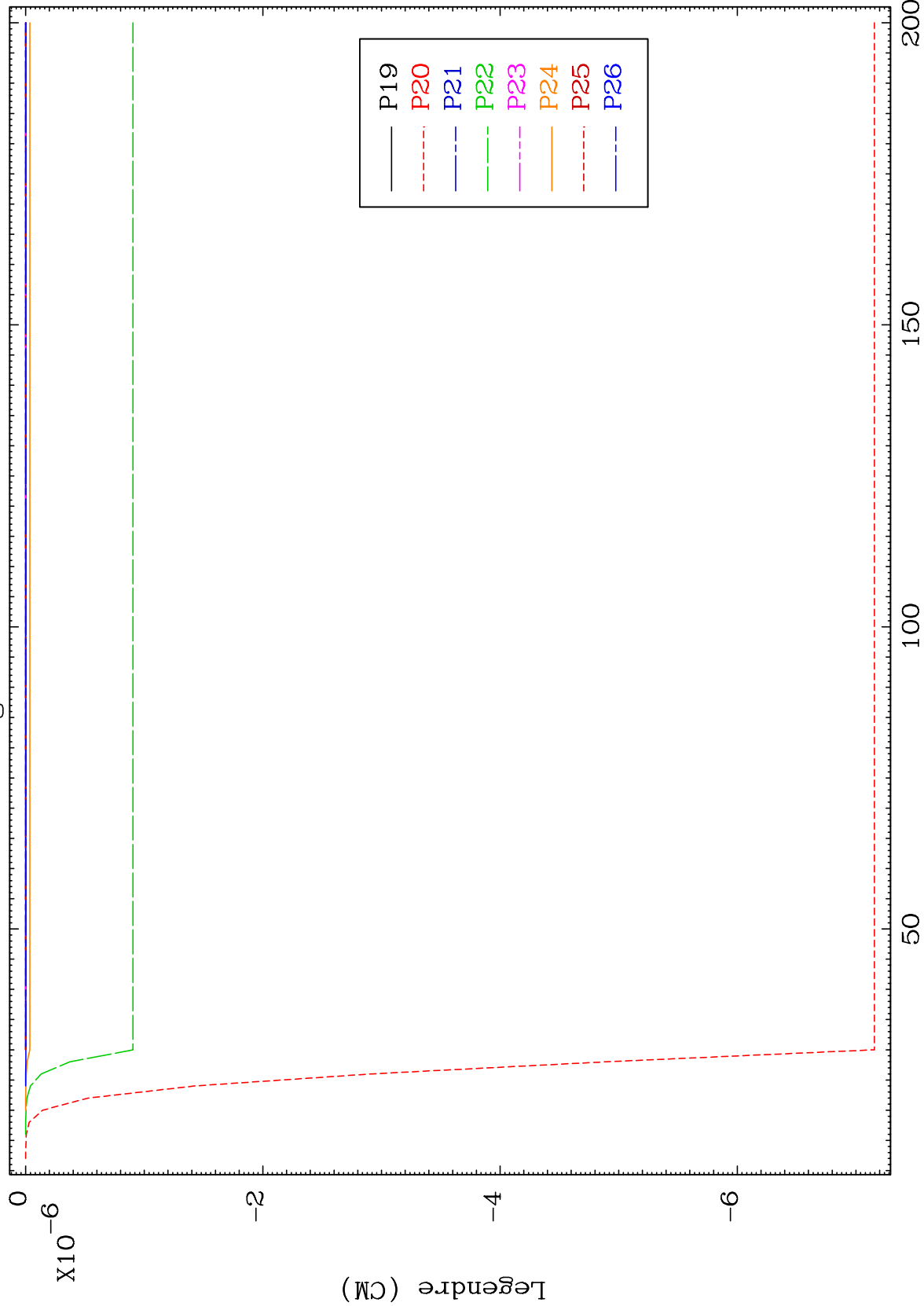
87-Fr-206



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Incident Energy (MeV)

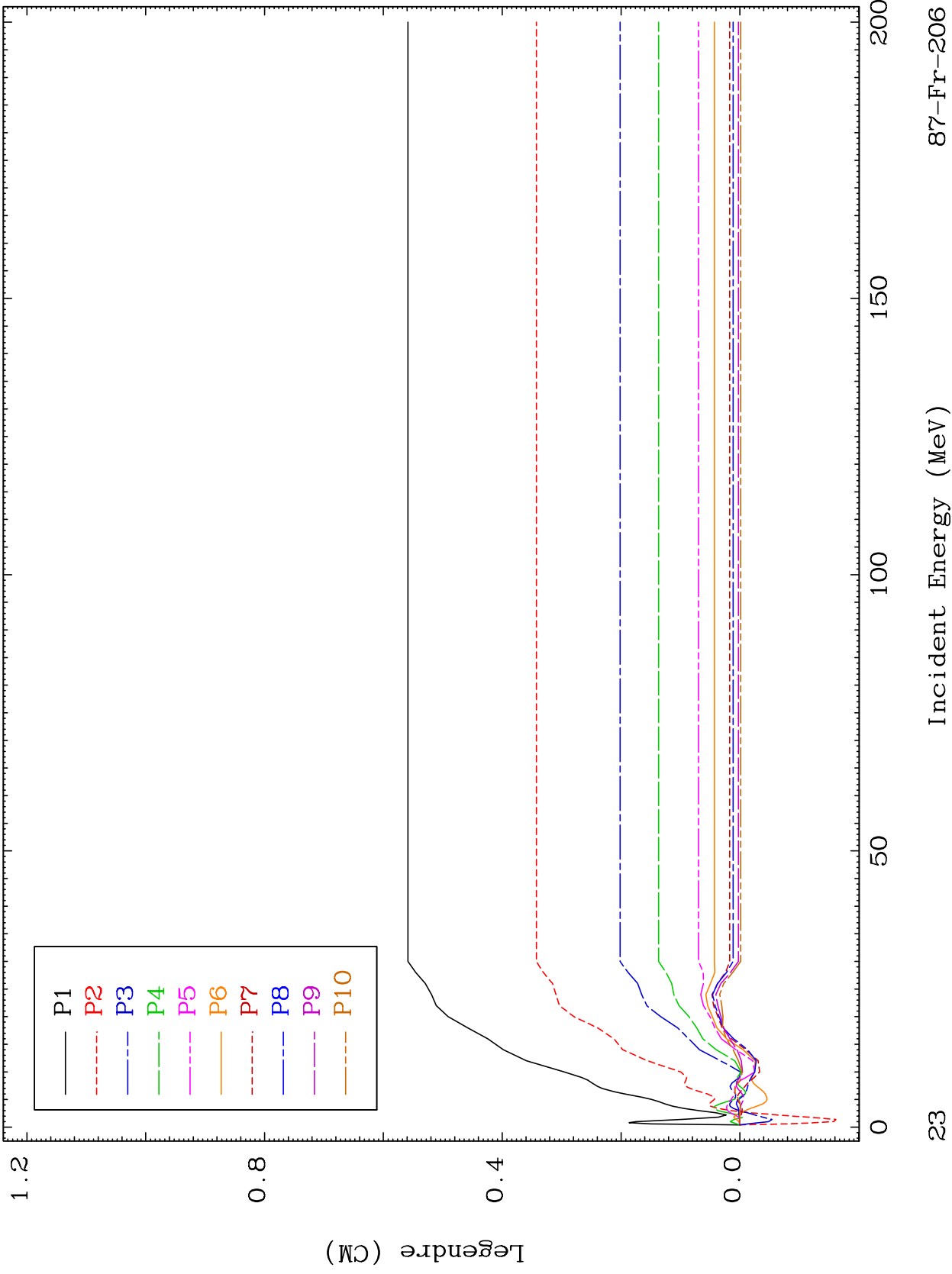
87-Fr-206



MAT 8707

315.5 keV (n, n') Level
Legendre Coefficients

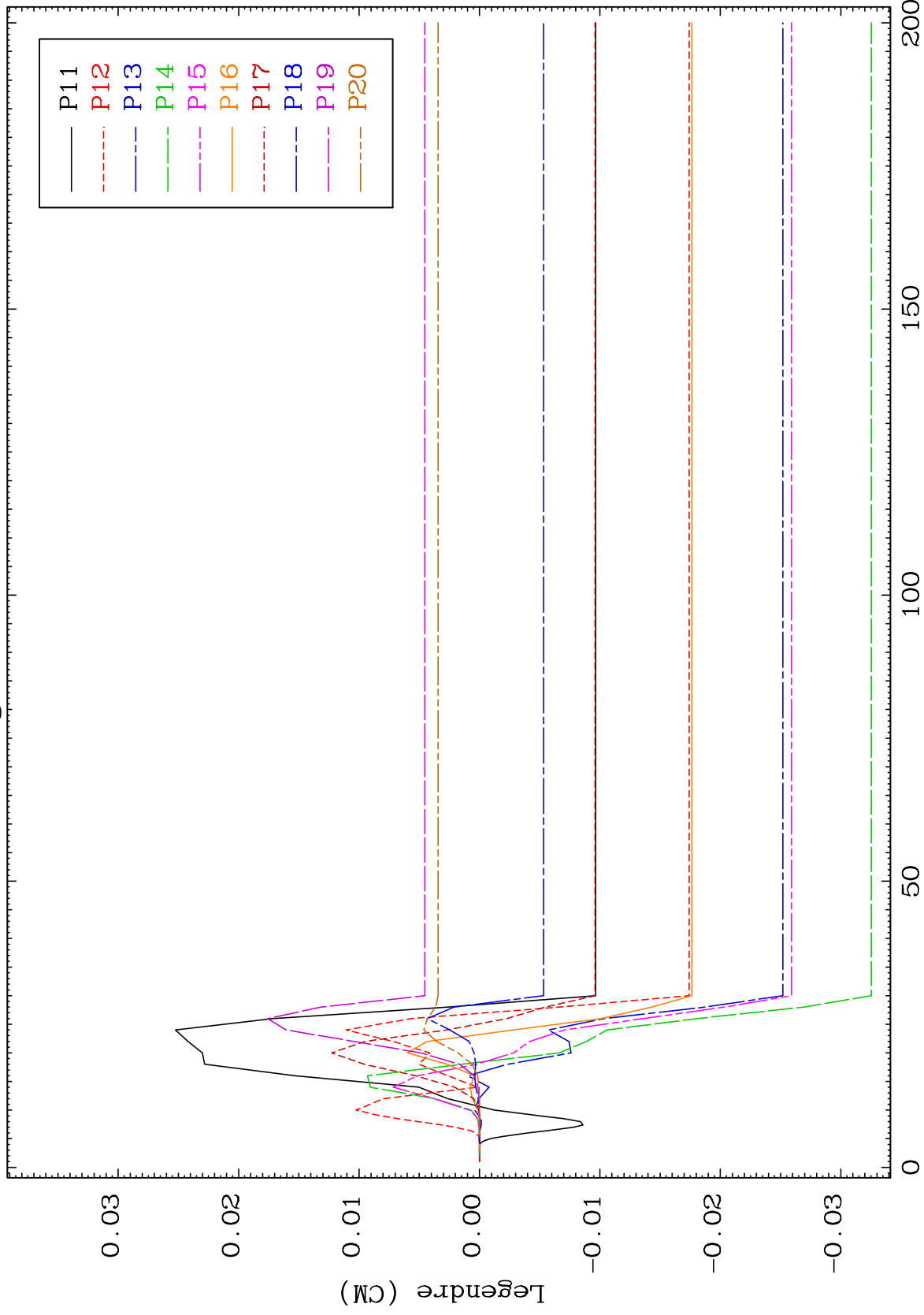
87-Fr-206



MAT 8707

315.5 keV (n,n') Level
Legendre Coefficients

87-Fr-206



24

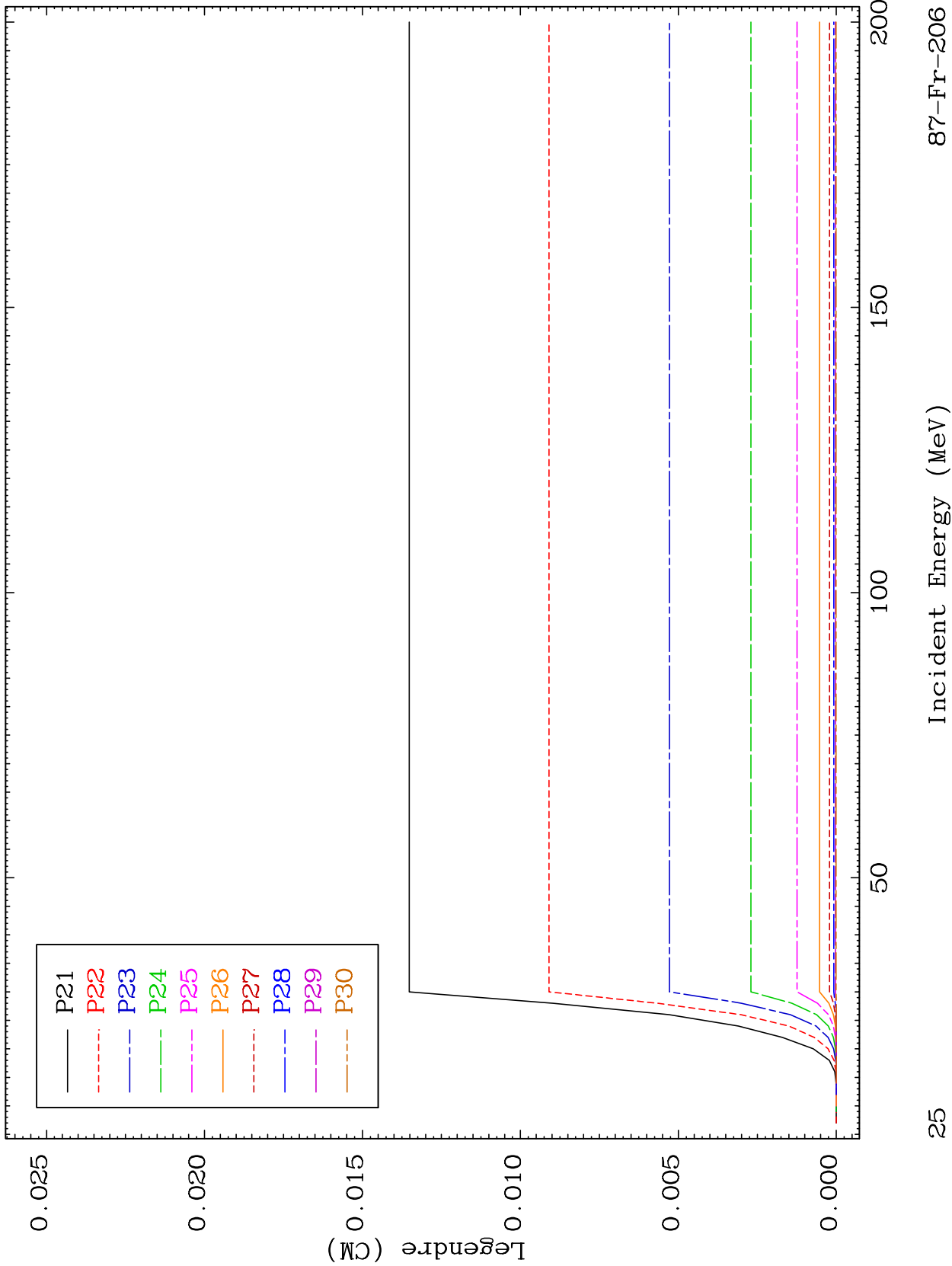
Incident Energy (MeV)

87-Fr-206

MAT 8707

315.5 keV (n,n') Level
Legendre Coefficients

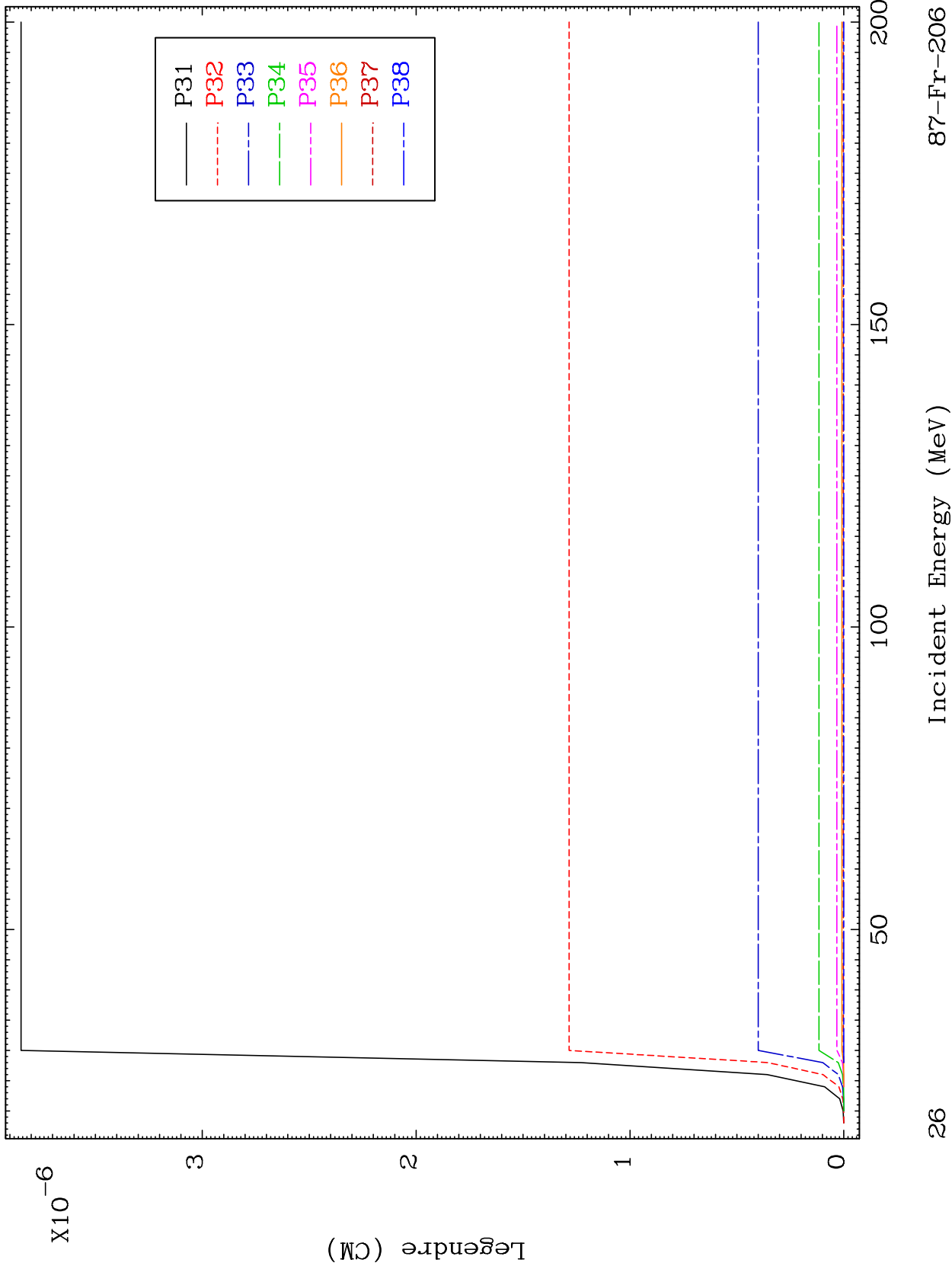
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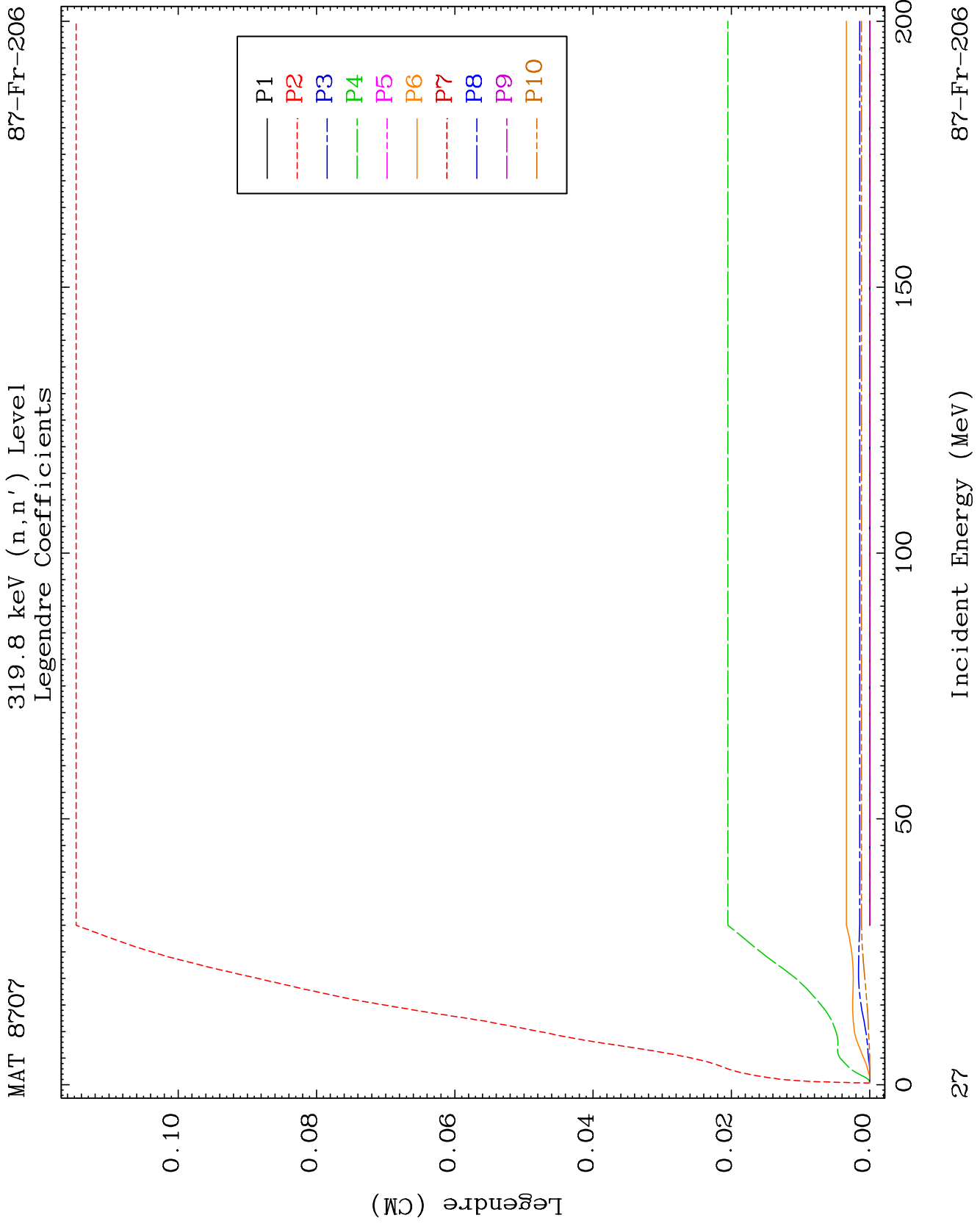


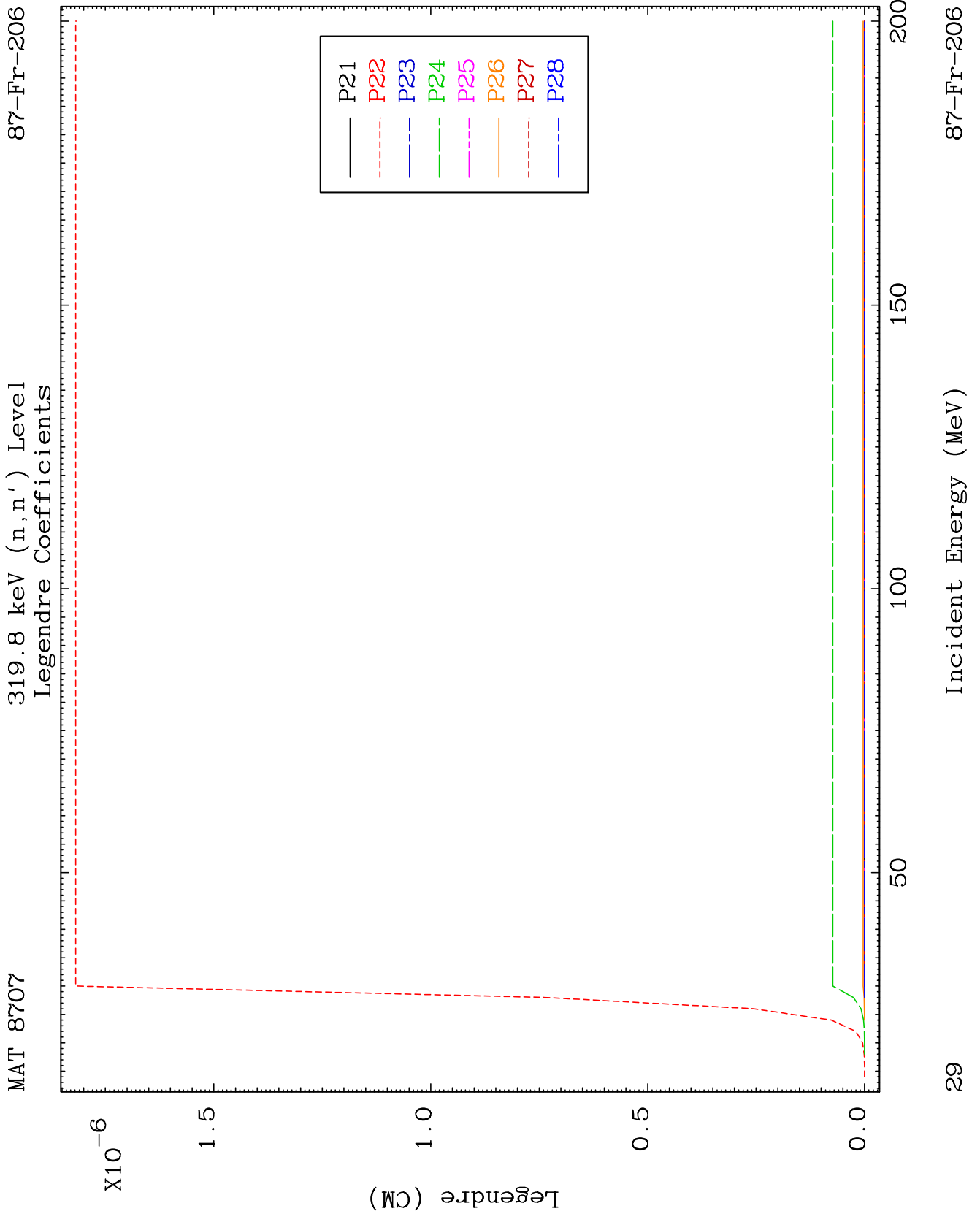
25

Incident Energy (MeV)

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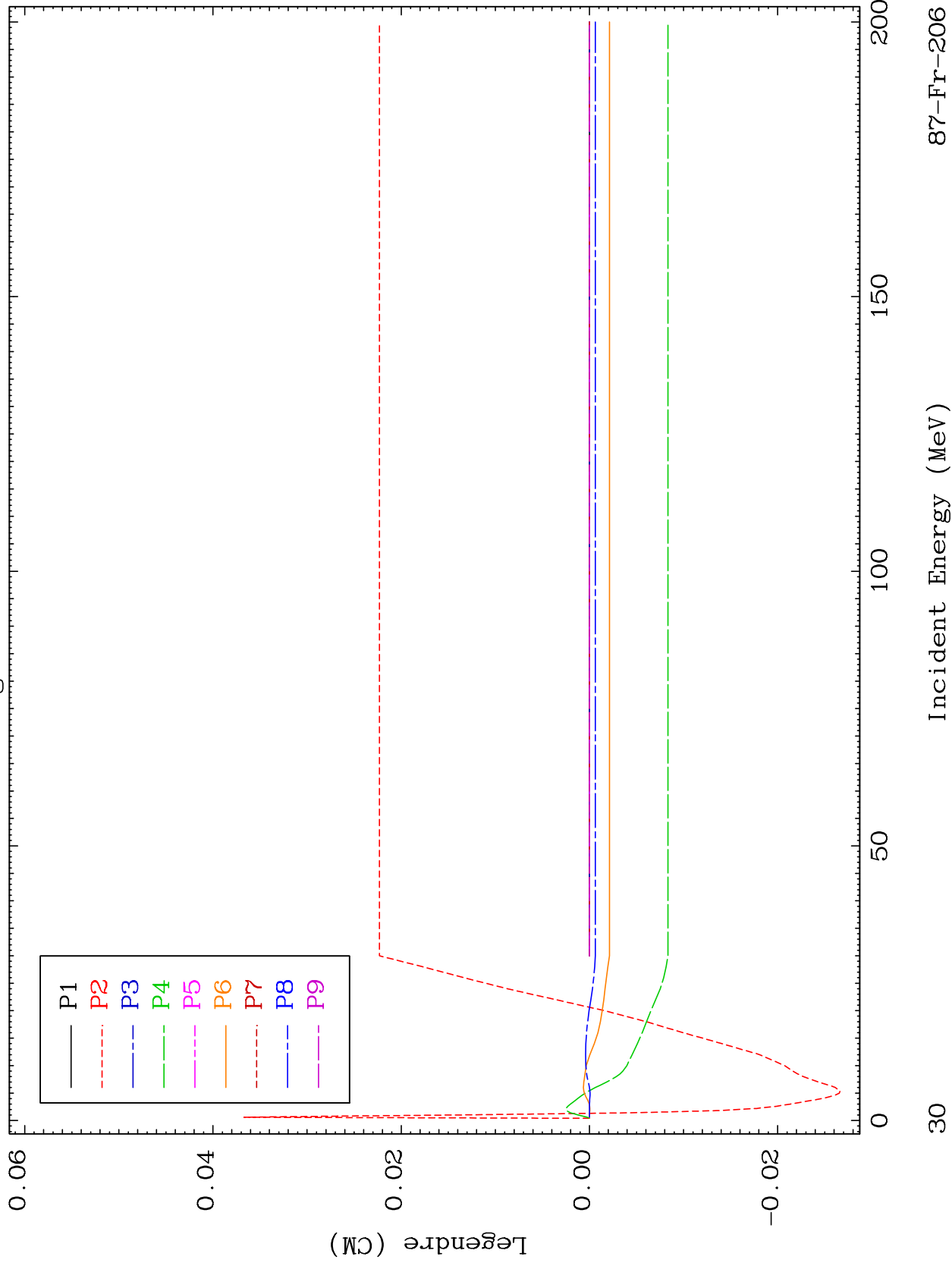




MAT 8707

400.7 keV (n,n') Level
Legendre Coefficients

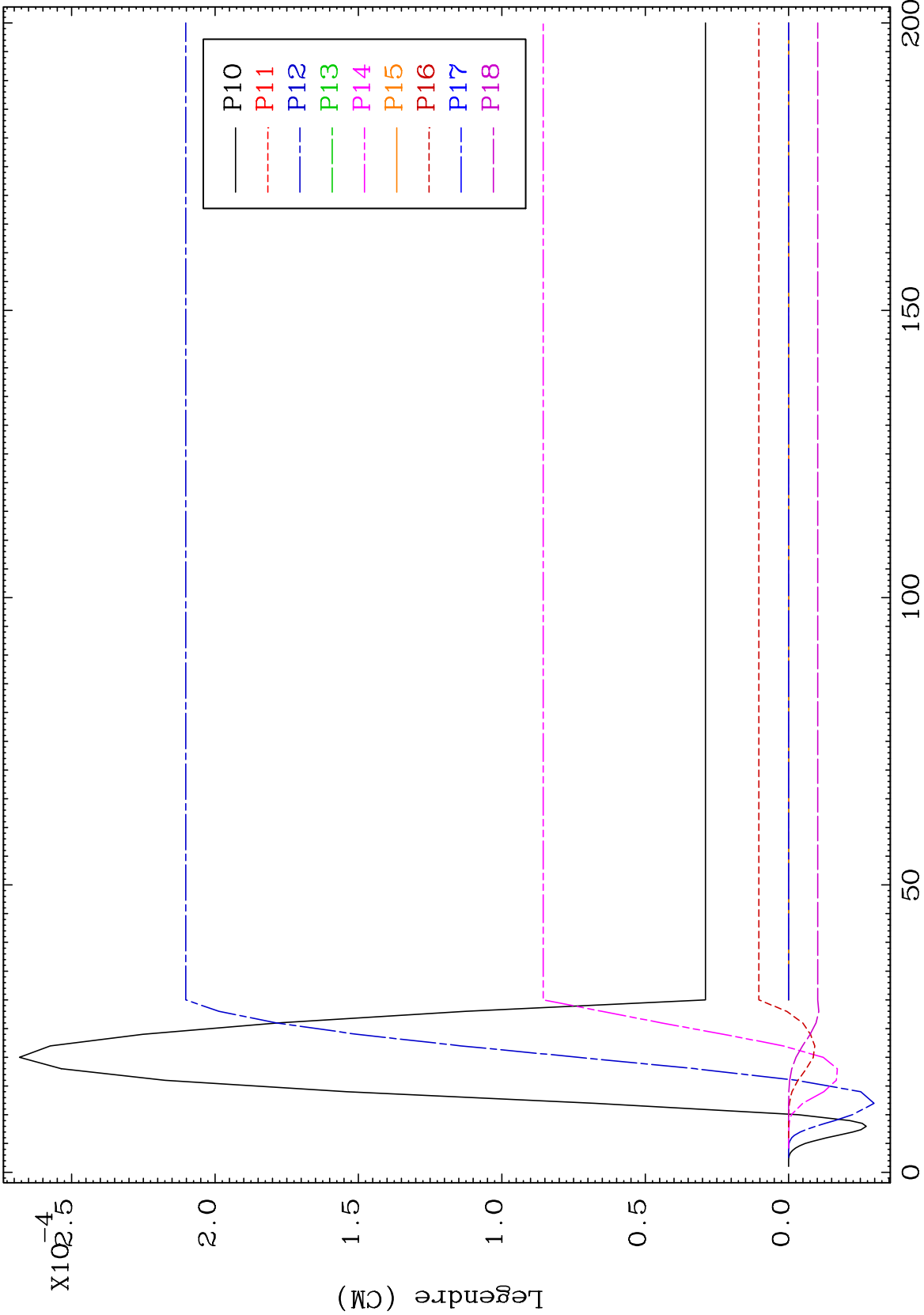
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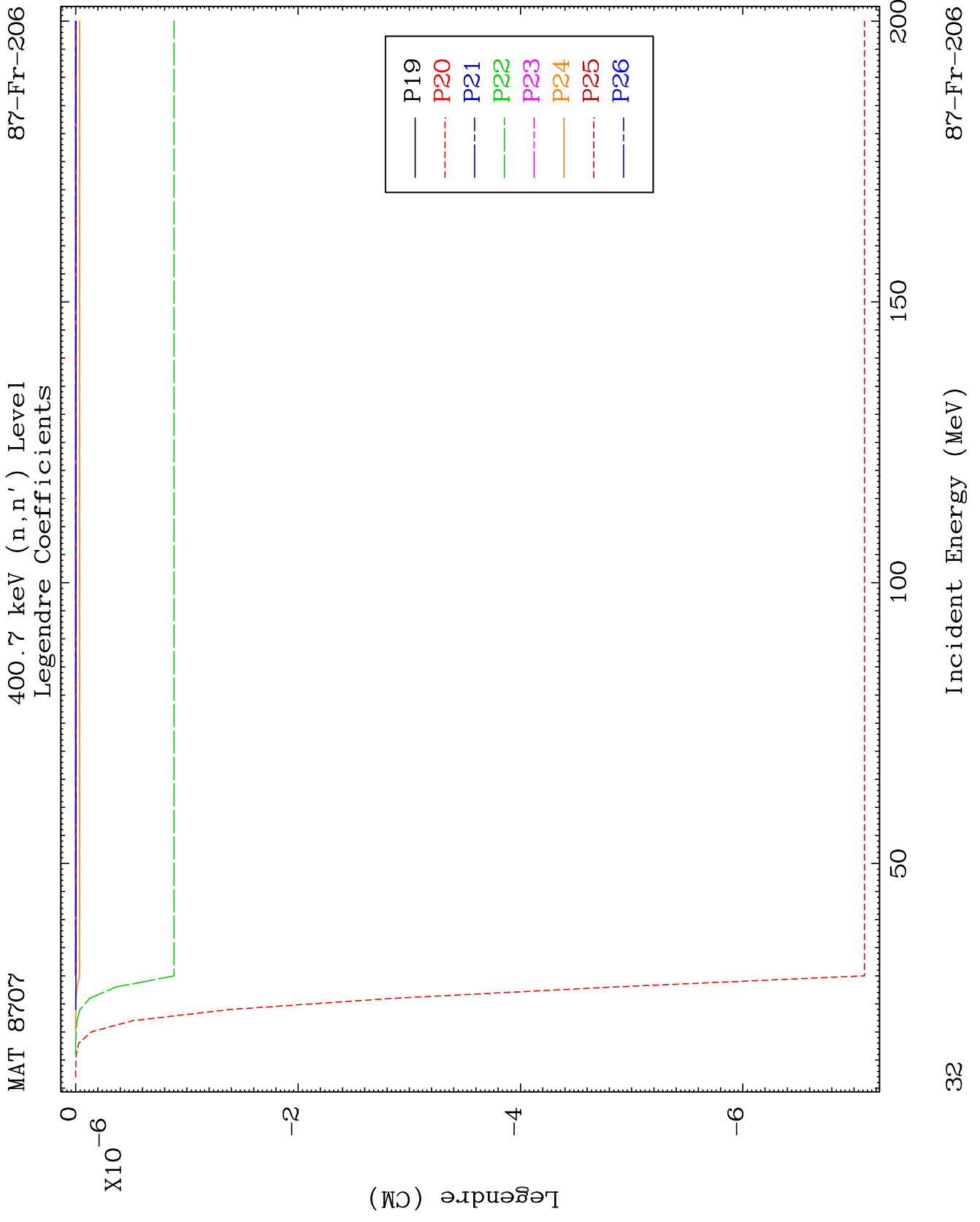


87-Fr-206

Incident Energy (MeV)

30

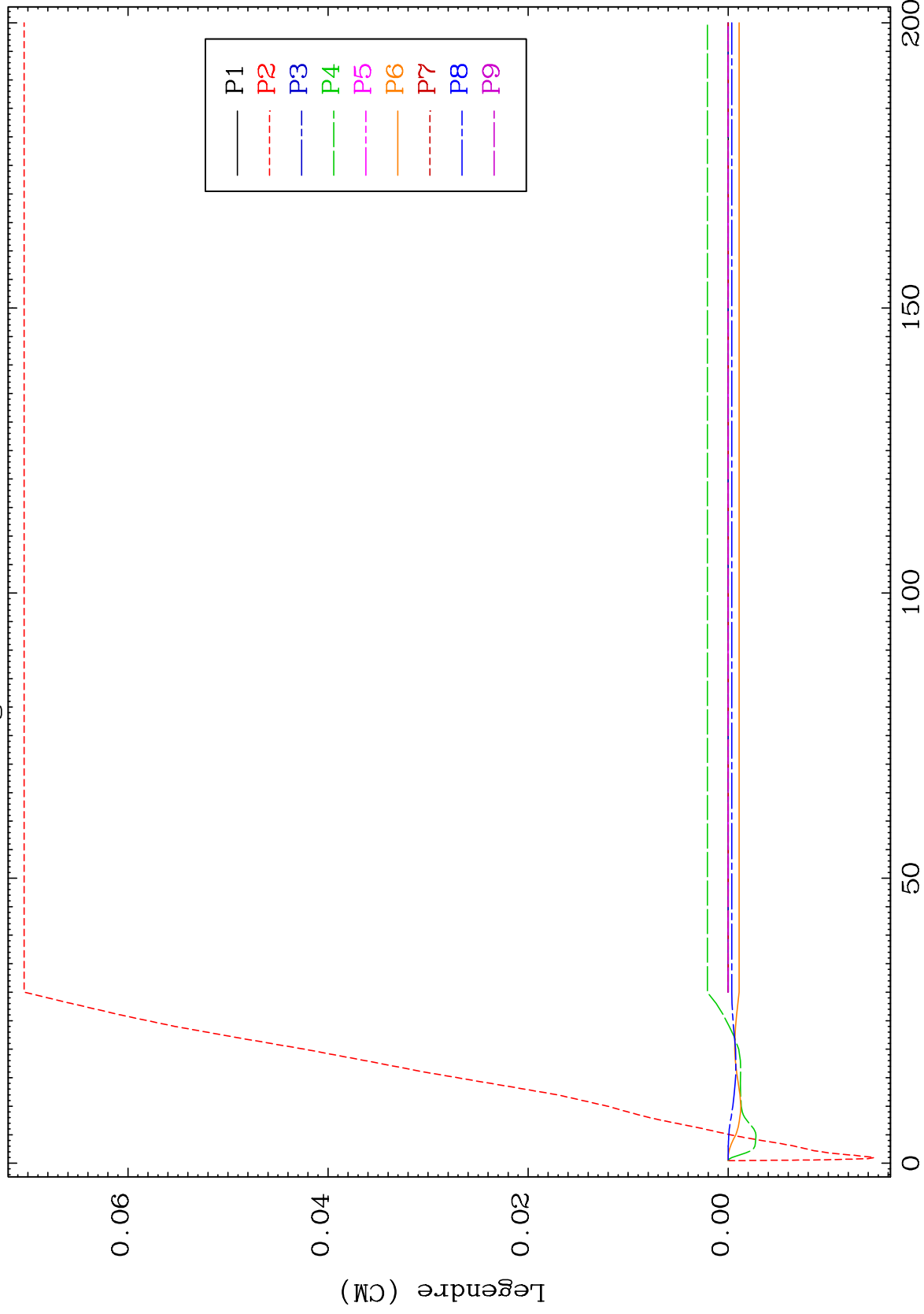




MAT 8707

439.9 keV (n,n') Level
Legendre Coefficients

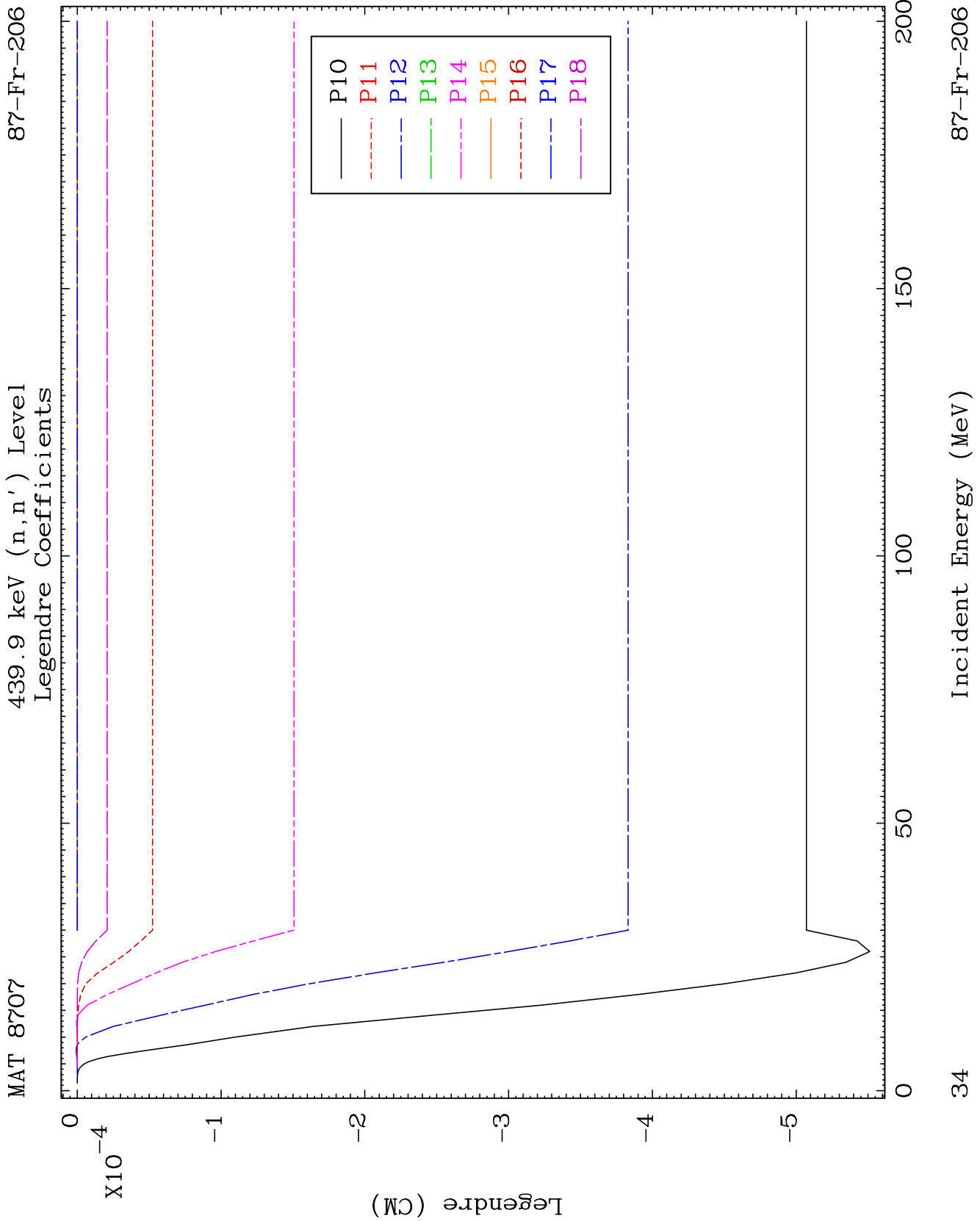
87-Fr-206



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Incident Energy (MeV)

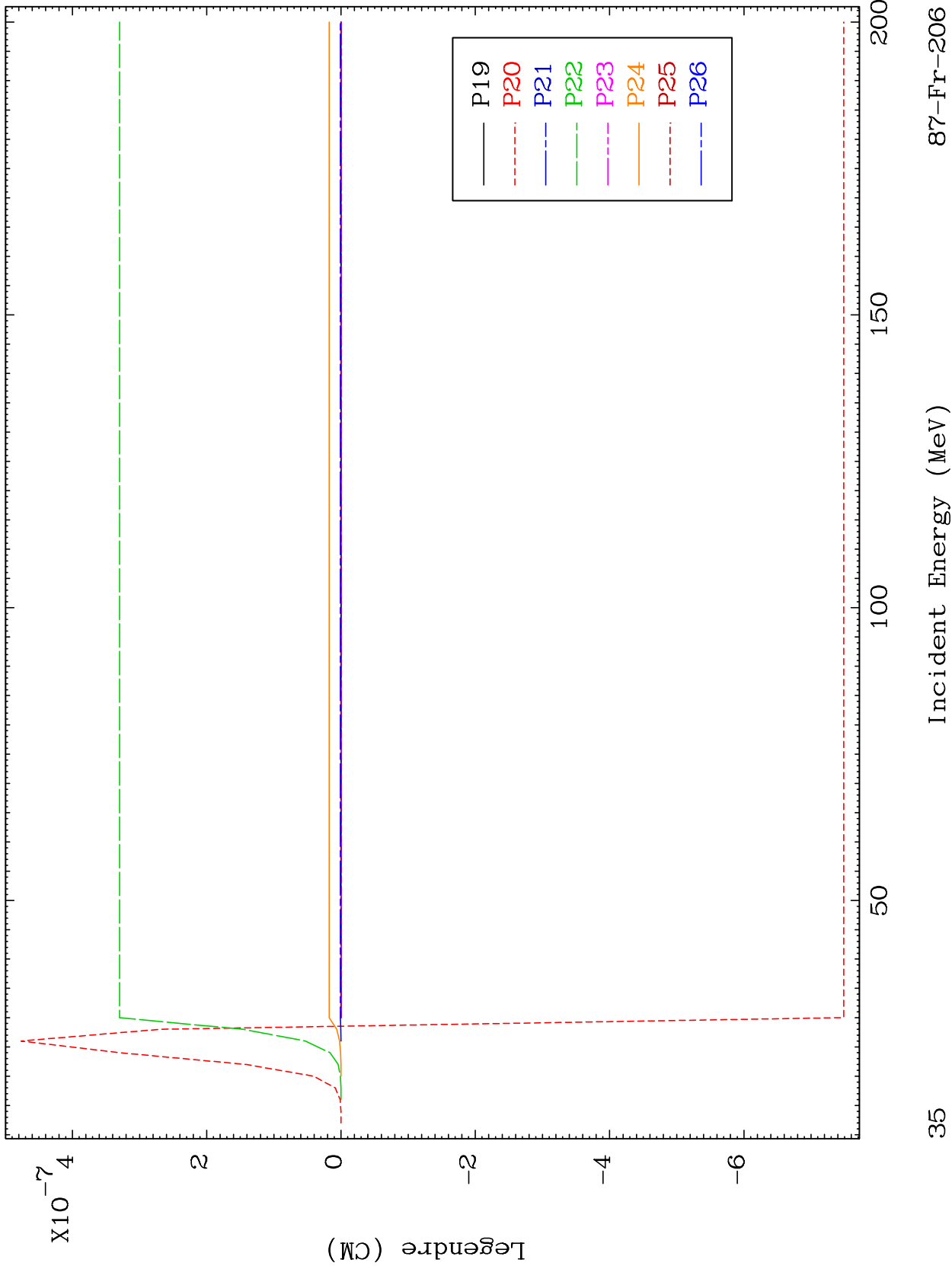
87-Fr-206



MAT 8707

439.9 keV (n, n') Level
Legendre Coefficients

87-Fr-206



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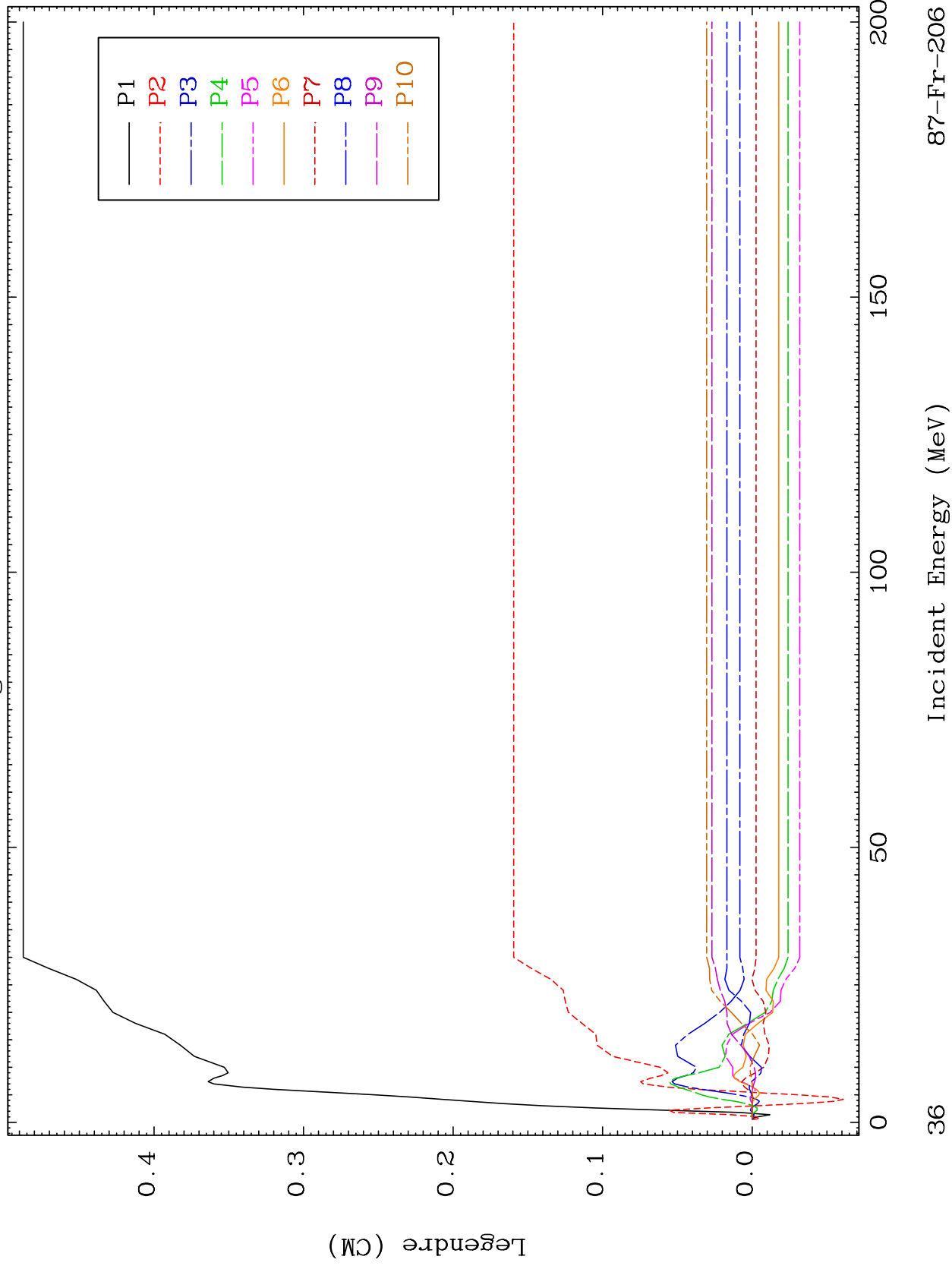
Incident Energy (MeV)

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MAT 8707

488.8 keV (n,n') Level
Legendre Coefficients

87-Fr-206



87-Fr-206

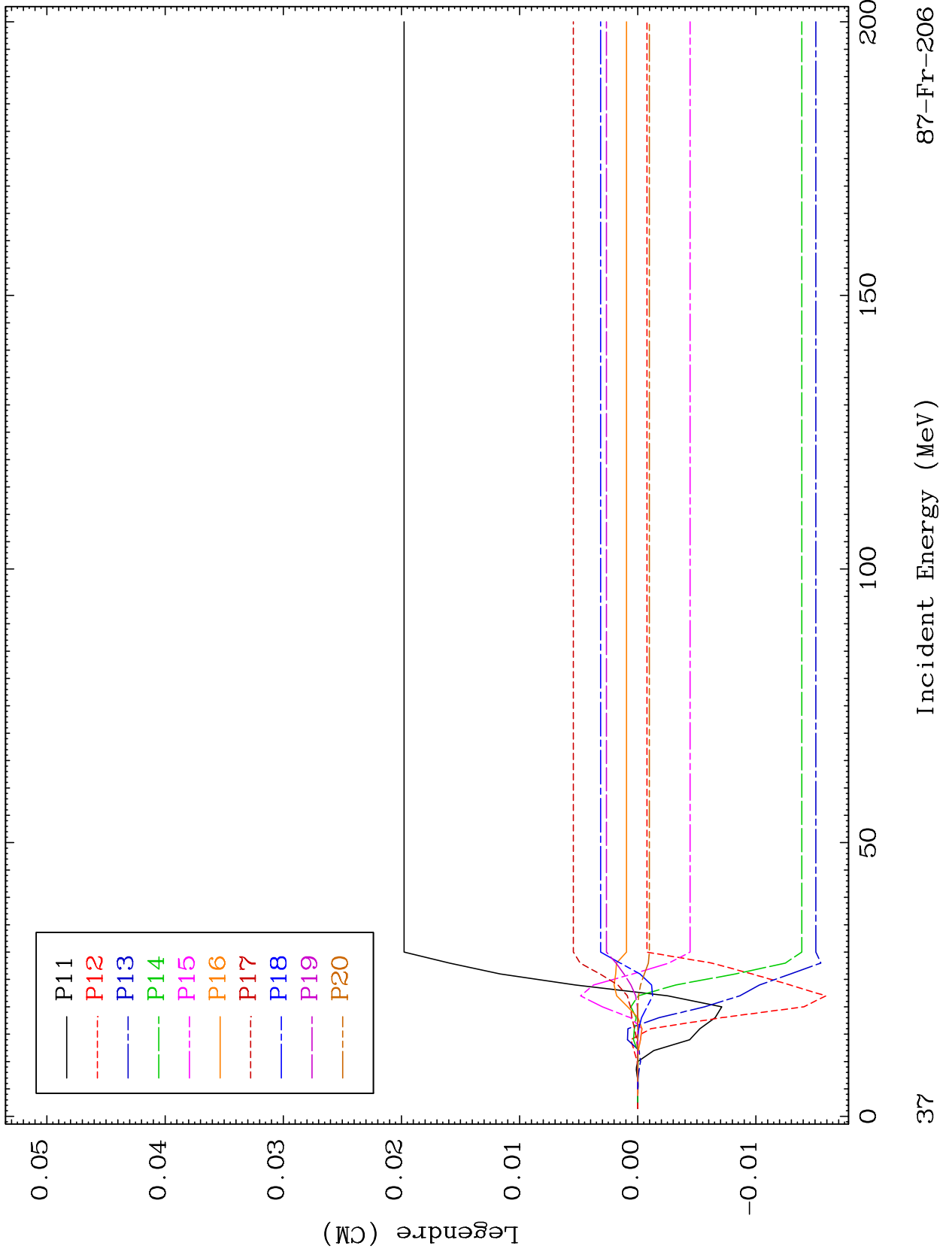
Incident Energy (MeV)

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MAT 8707

488.8 keV (n,n') Level
Legendre Coefficients

87-Fr-206



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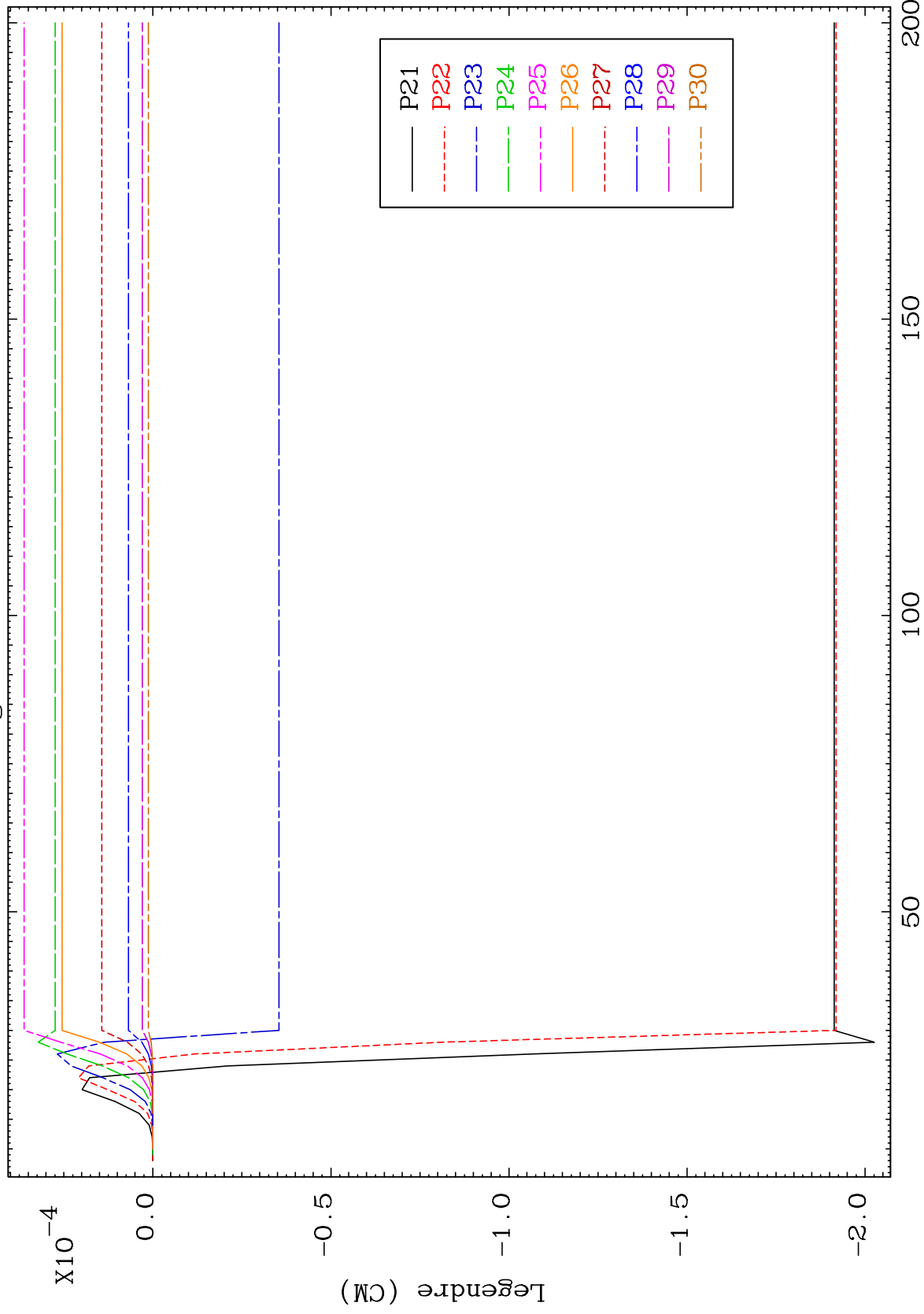
Incident Energy (MeV)

87-Fr-206

MAT 8707

488.8 keV (n,n') Level
Legendre Coefficients

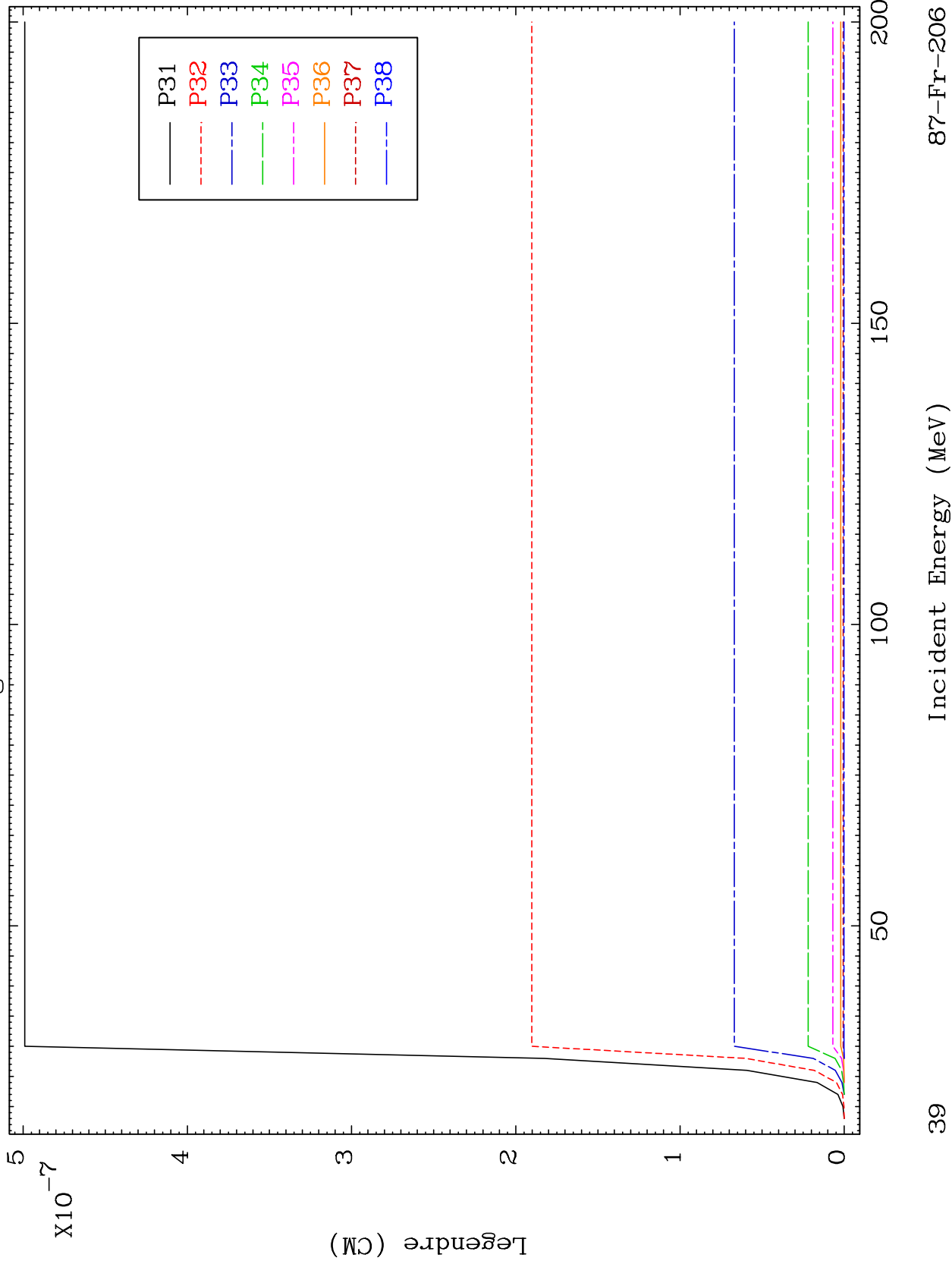
87-Fr-206



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Incident Energy (MeV)

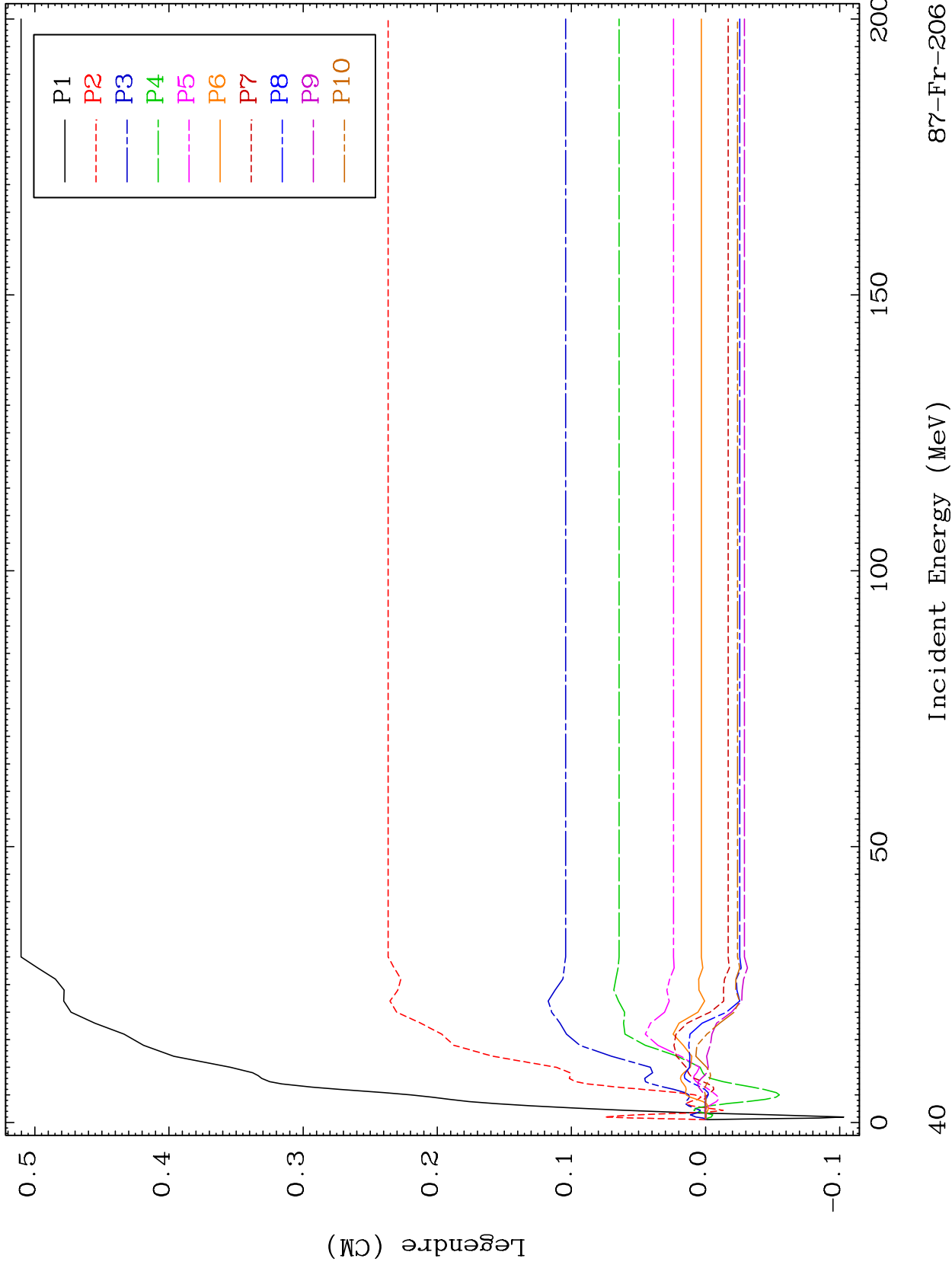
87-Fr-206



MAT 8707

493.1 keV (n,n') Level
Legendre Coefficients

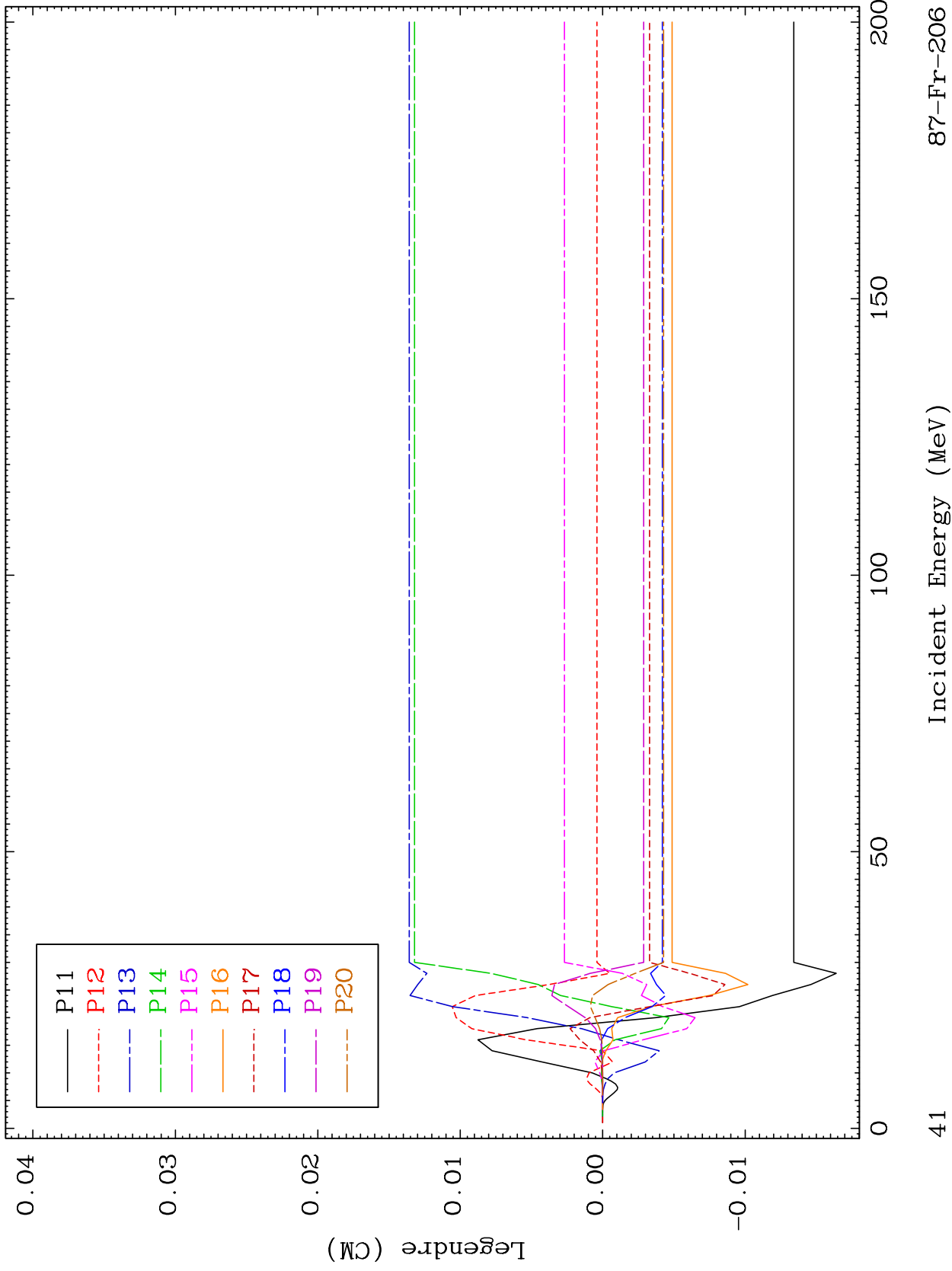
87-Fr-206



MAT 8707

493.1 keV (n,n') Level
Legendre Coefficients

87-Fr-206



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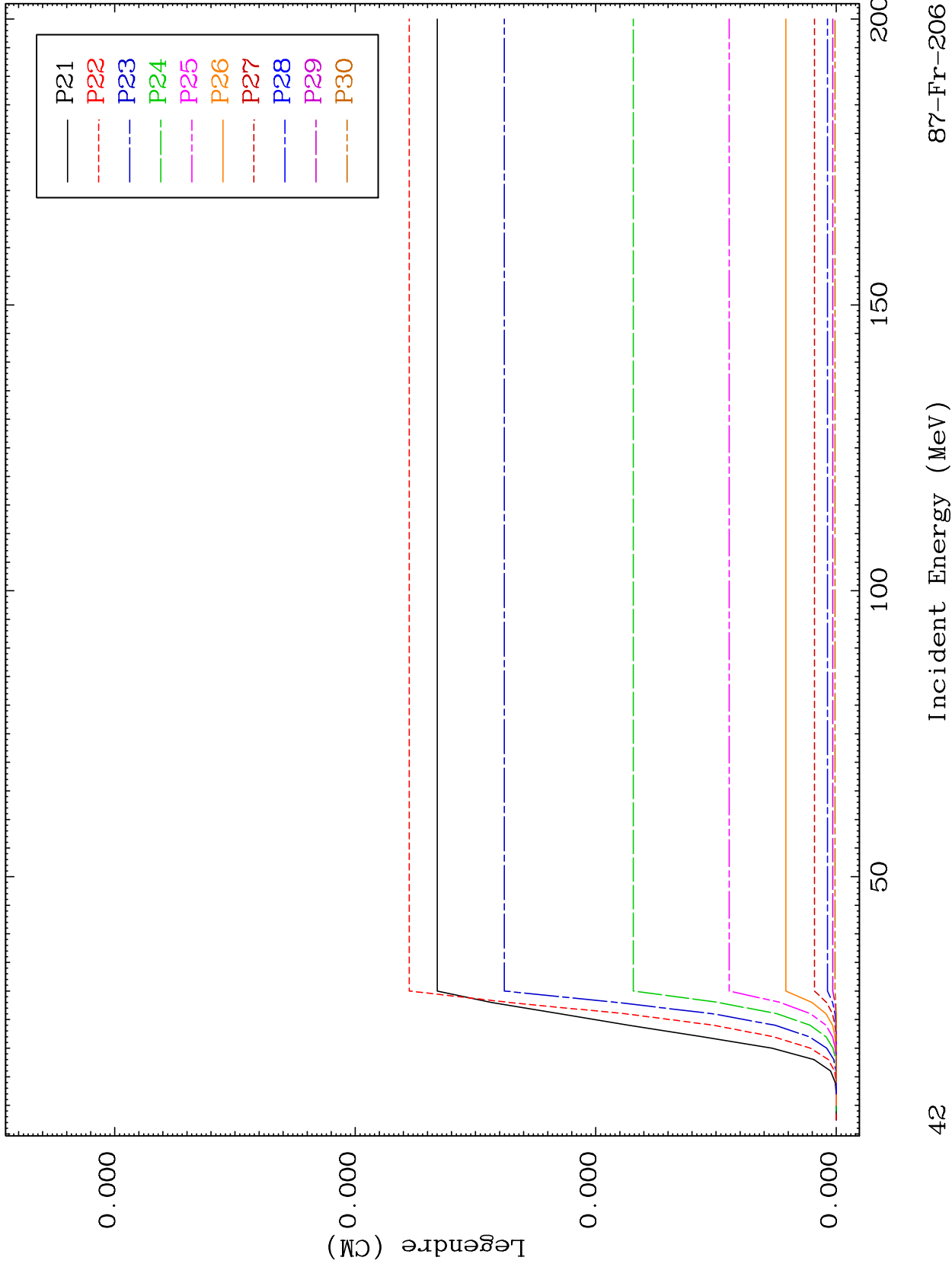
Incident Energy (MeV)

87-Fr-206

MAT 8707

493.1 keV (n,n') Level
Legendre Coefficients

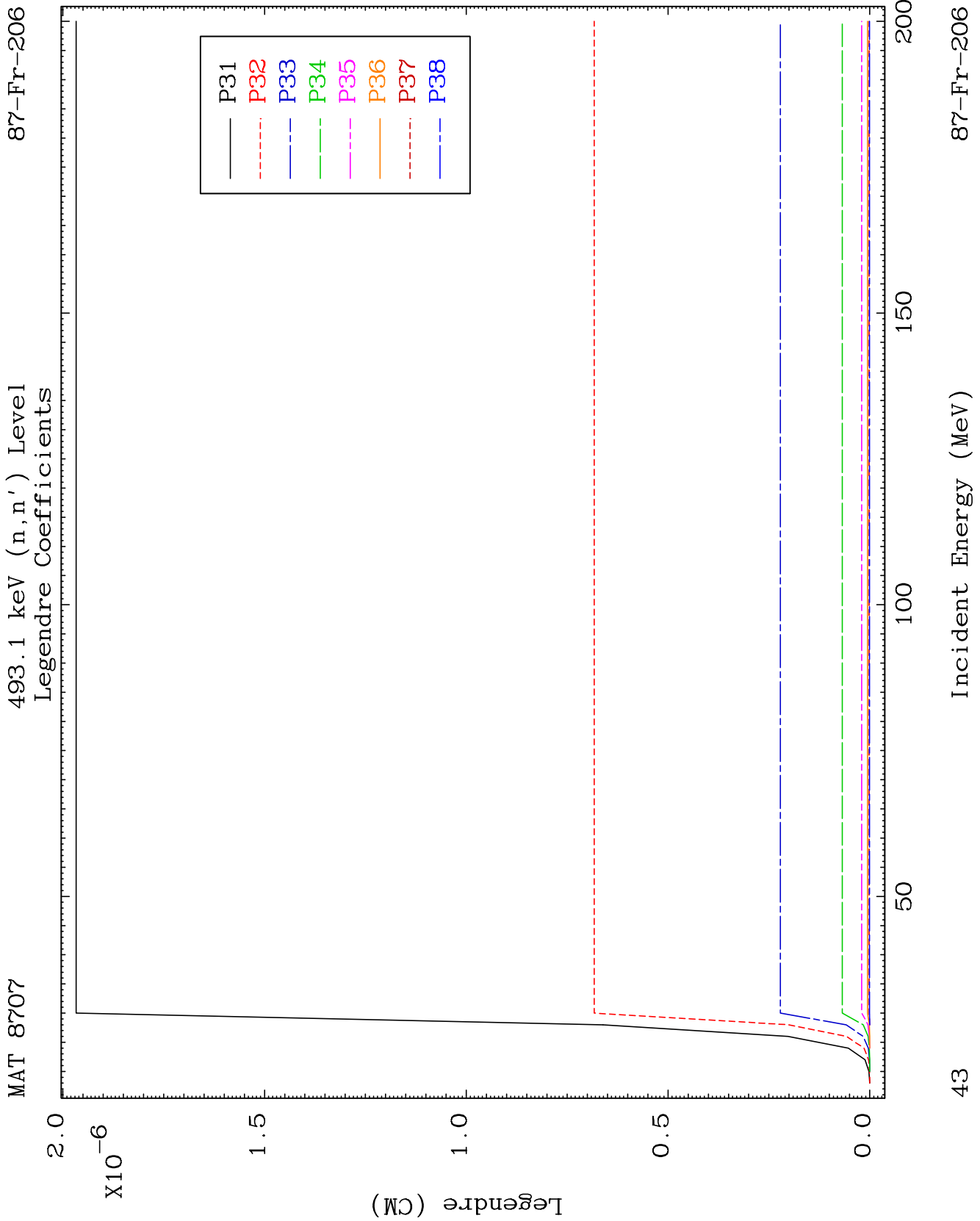
87-Fr-206



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Incident Energy (MeV)

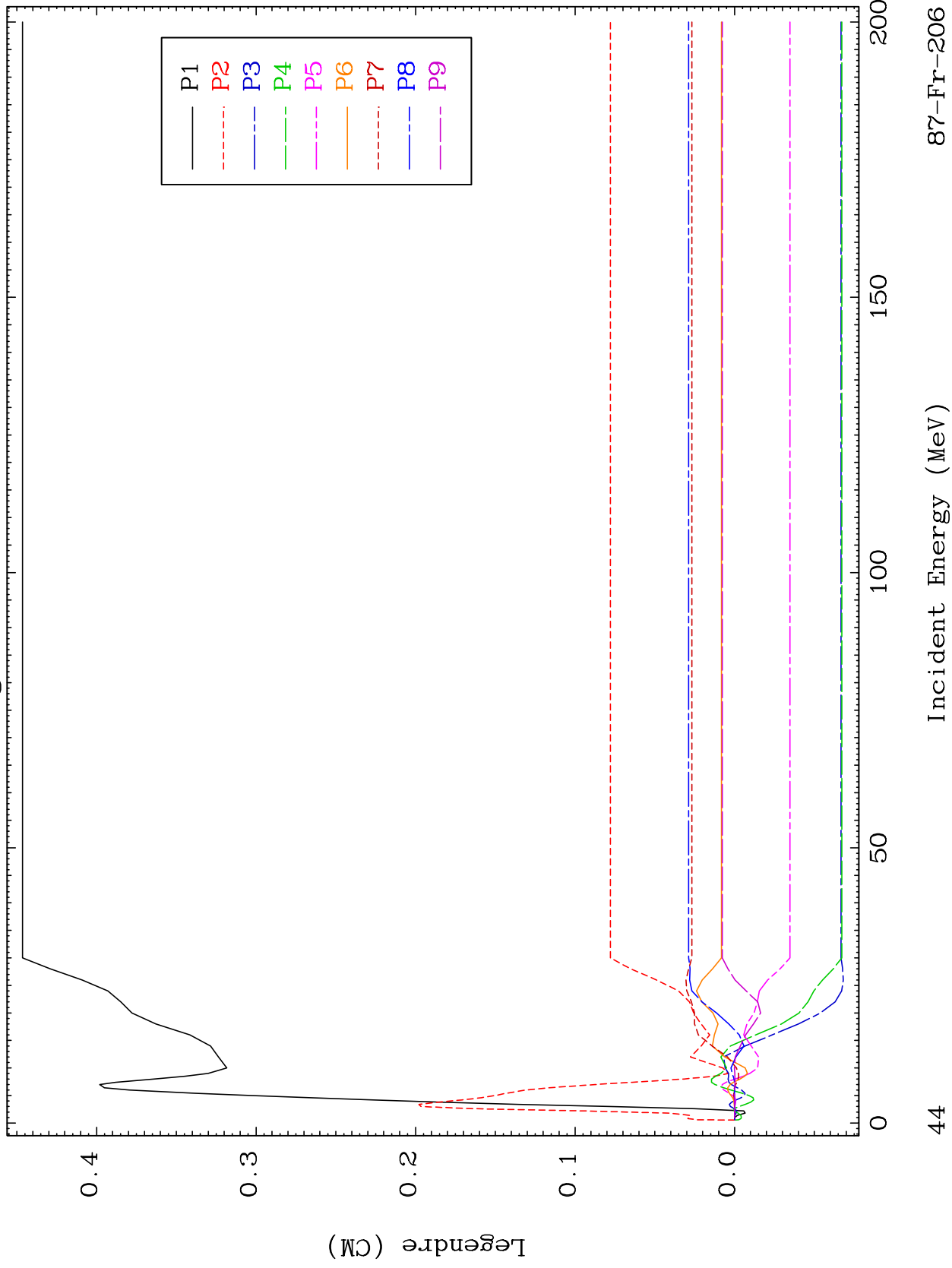
87-Fr-206



MAT 8707

535.5 keV (n,n') Level
Legendre Coefficients

87-Fr-206

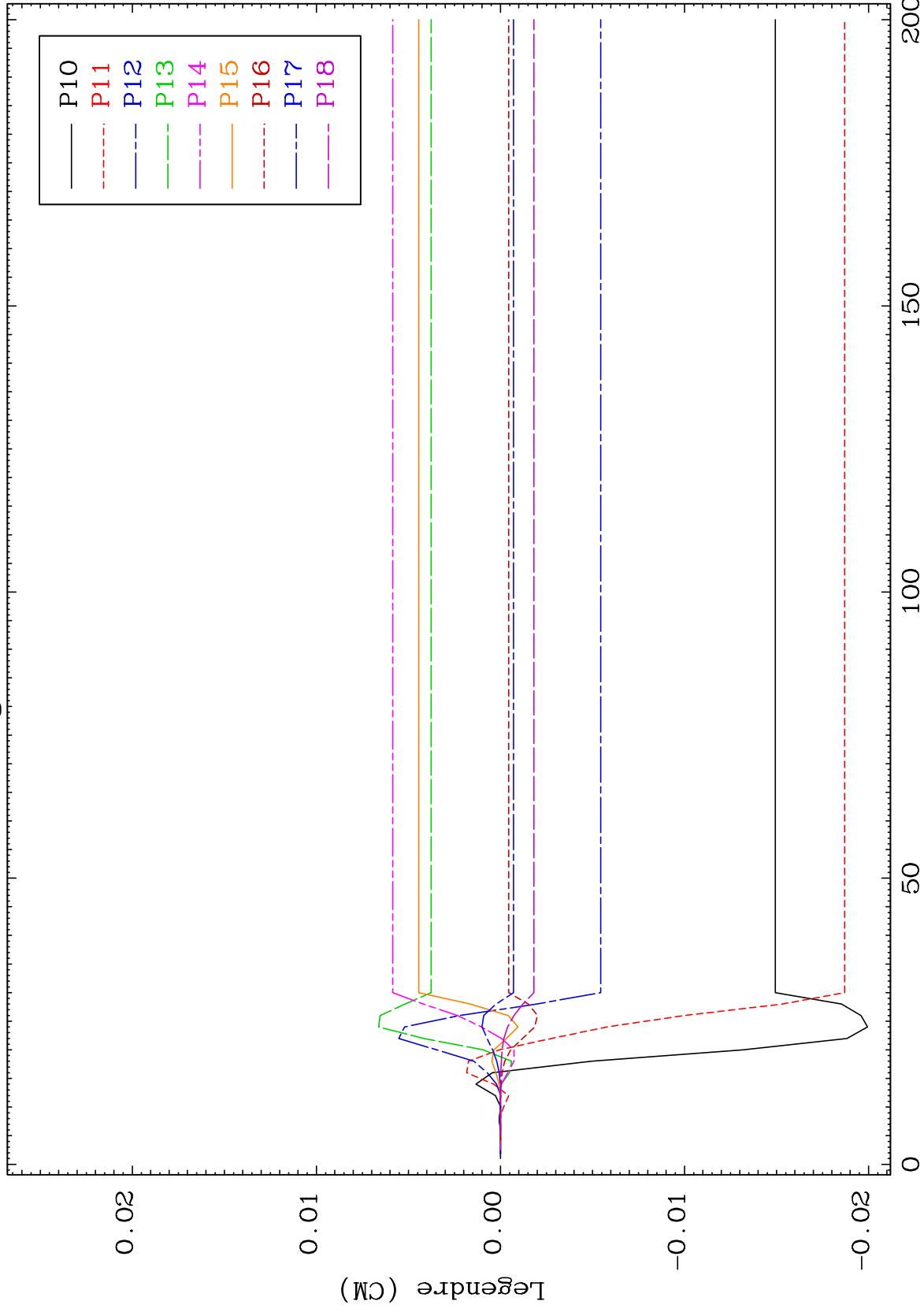


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MAT 8707

535.5 keV (n,n') Level
Legendre Coefficients

87-Fr-206



45

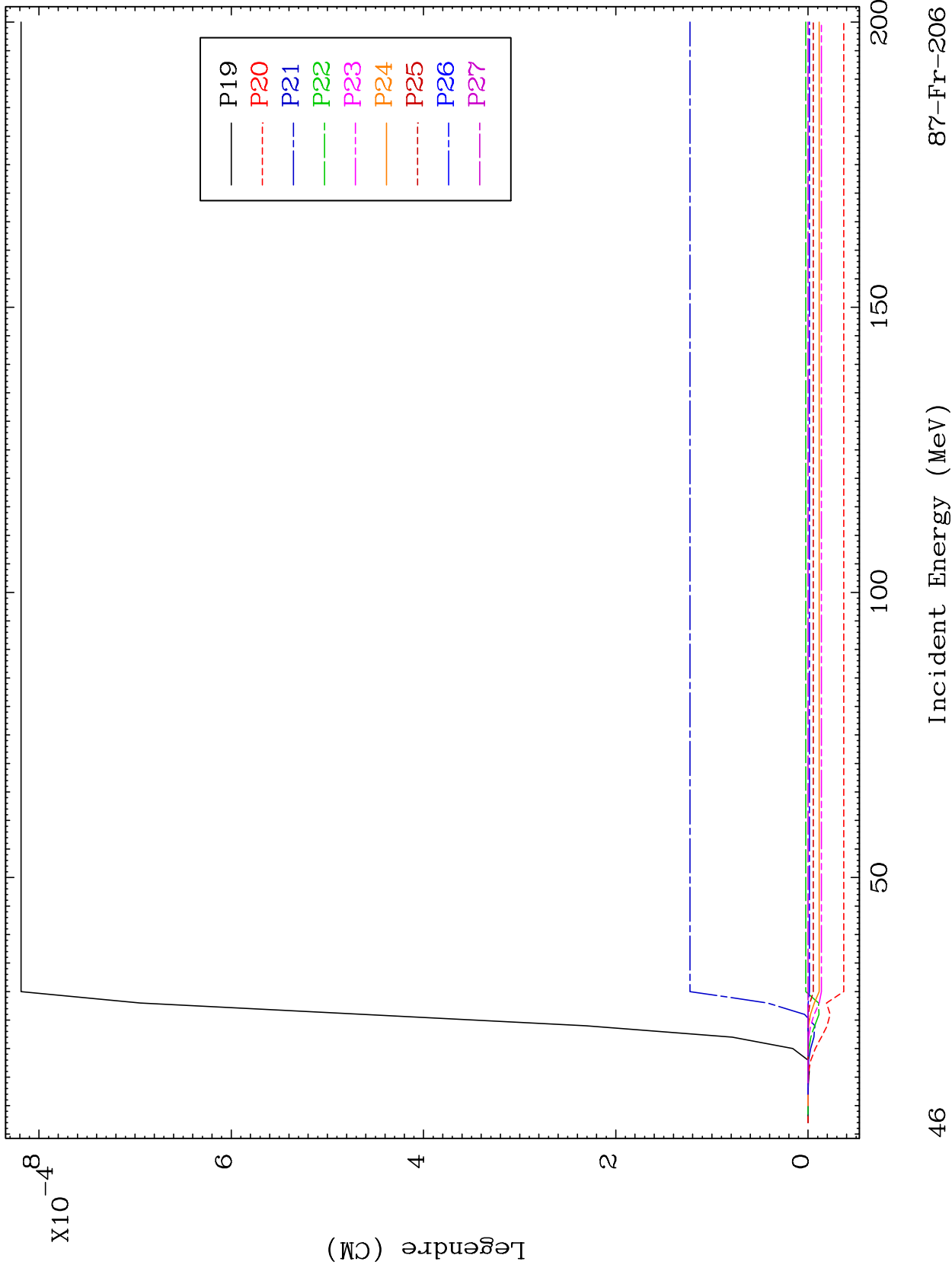
Incident Energy (MeV)

87-Fr-206

MAT 8707

535.5 keV (n,n') Level
Legendre Coefficients

87-Fr-206



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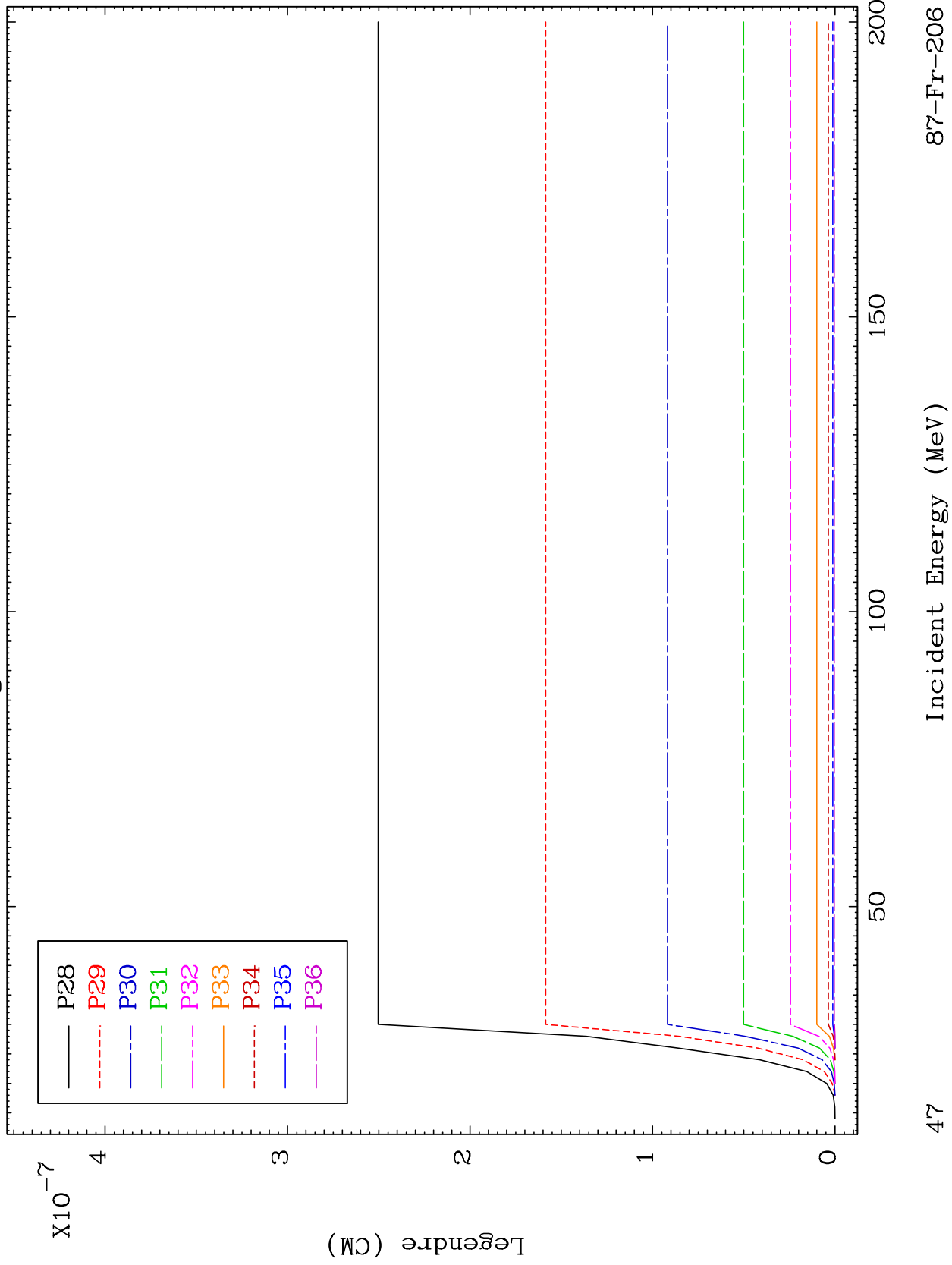
Incident Energy (MeV)

87-Fr-206

MAT 8707

535.5 keV (n,n') Level
Legendre Coefficients

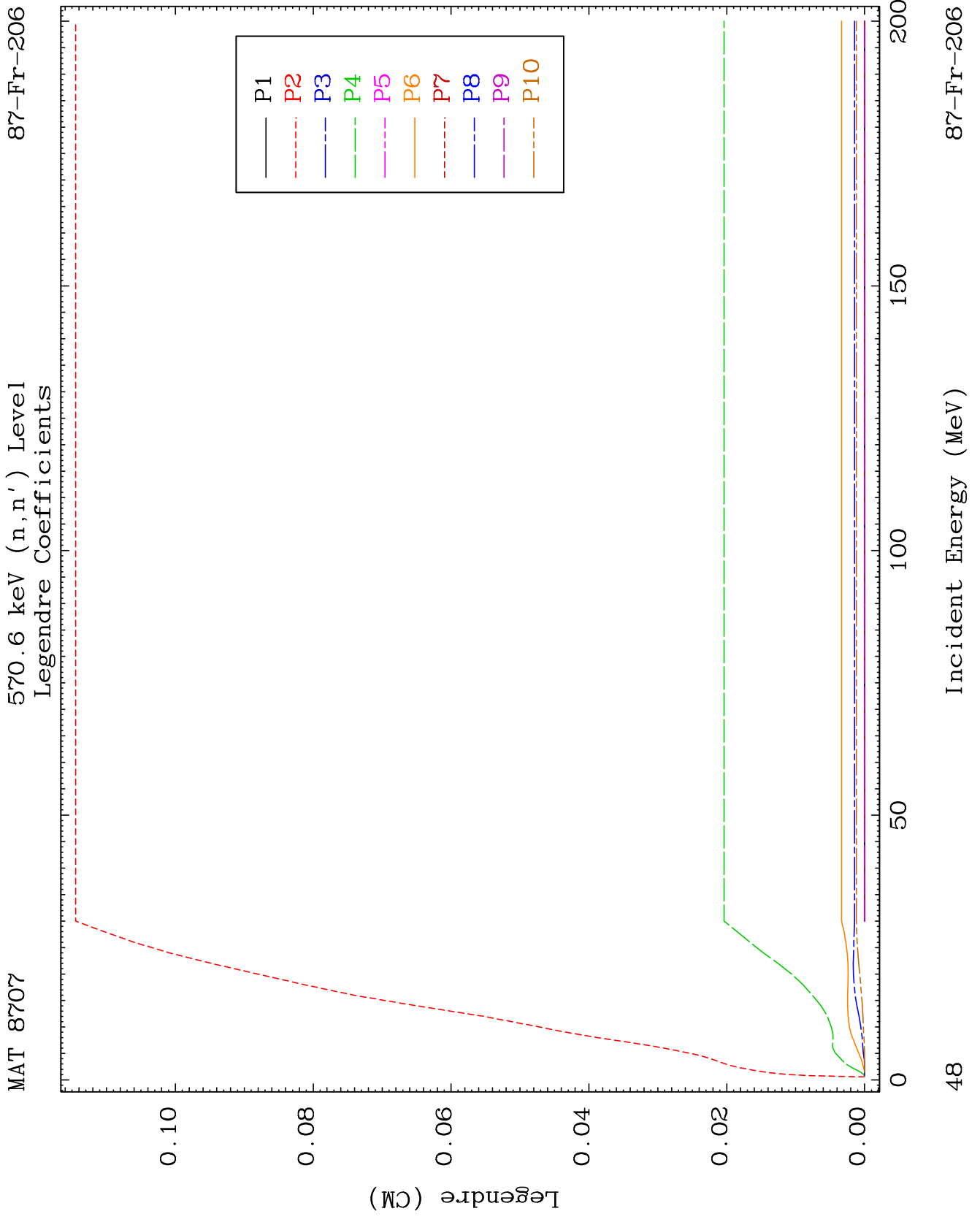
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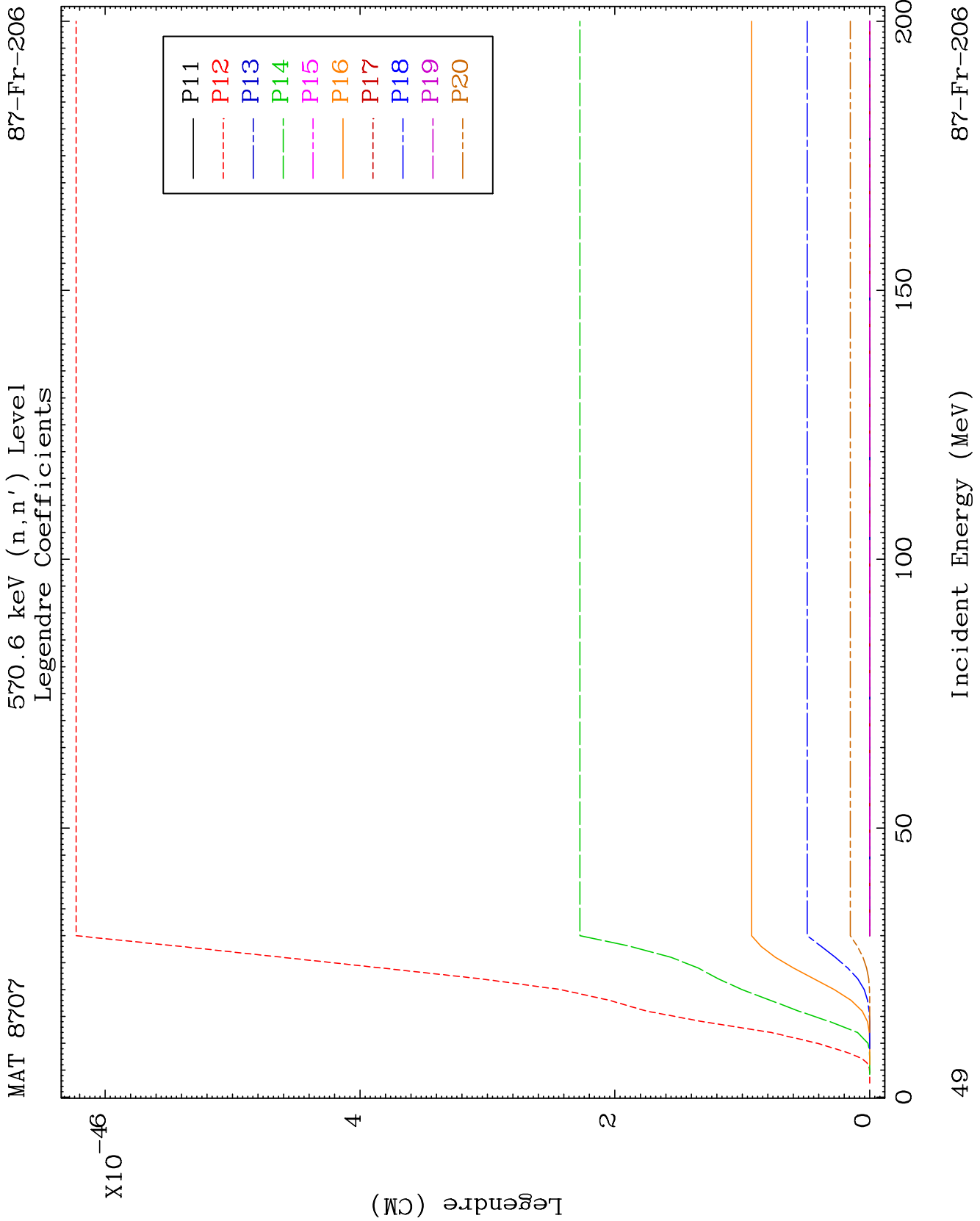


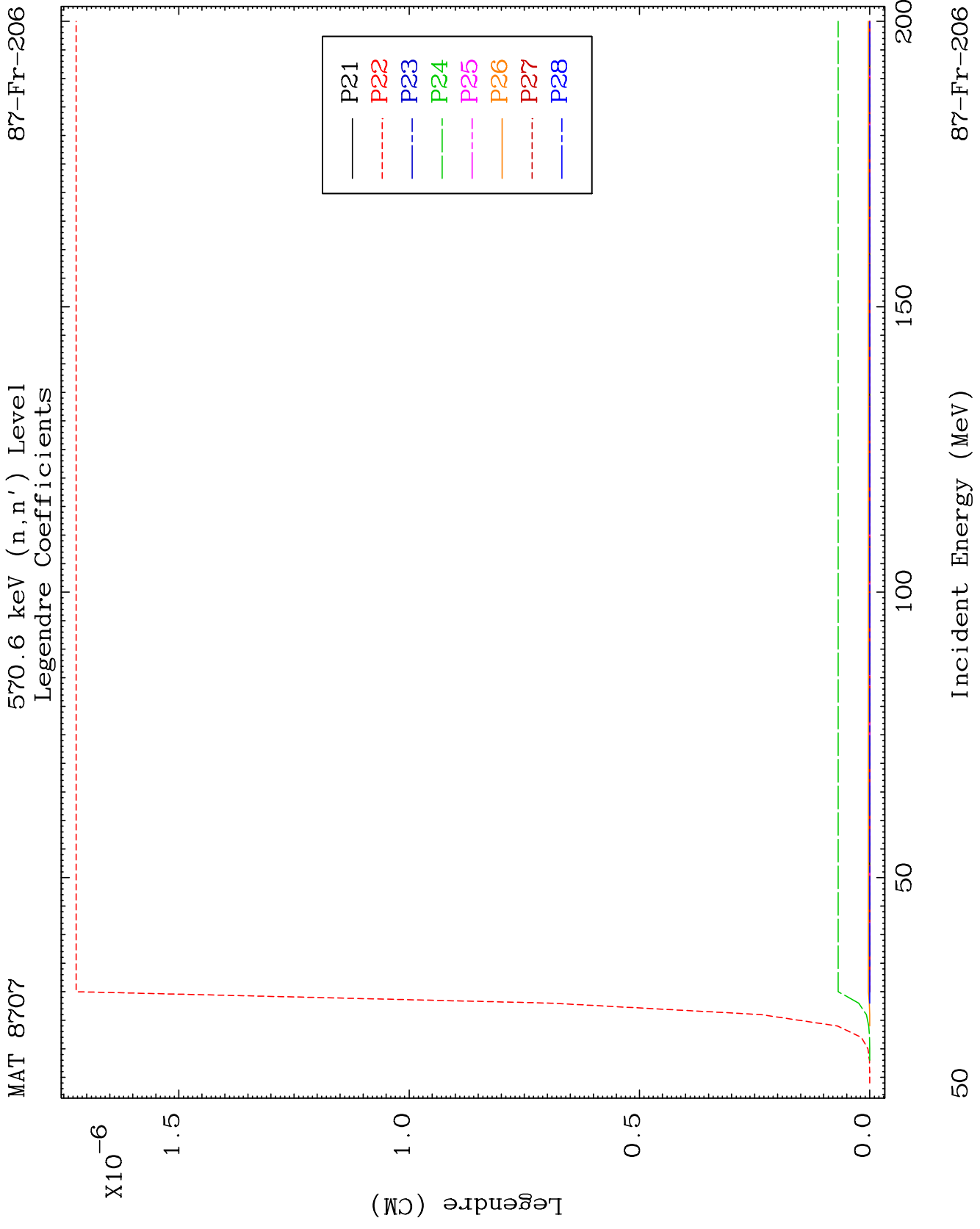
47

Incident Energy (MeV)

87-Fr-206



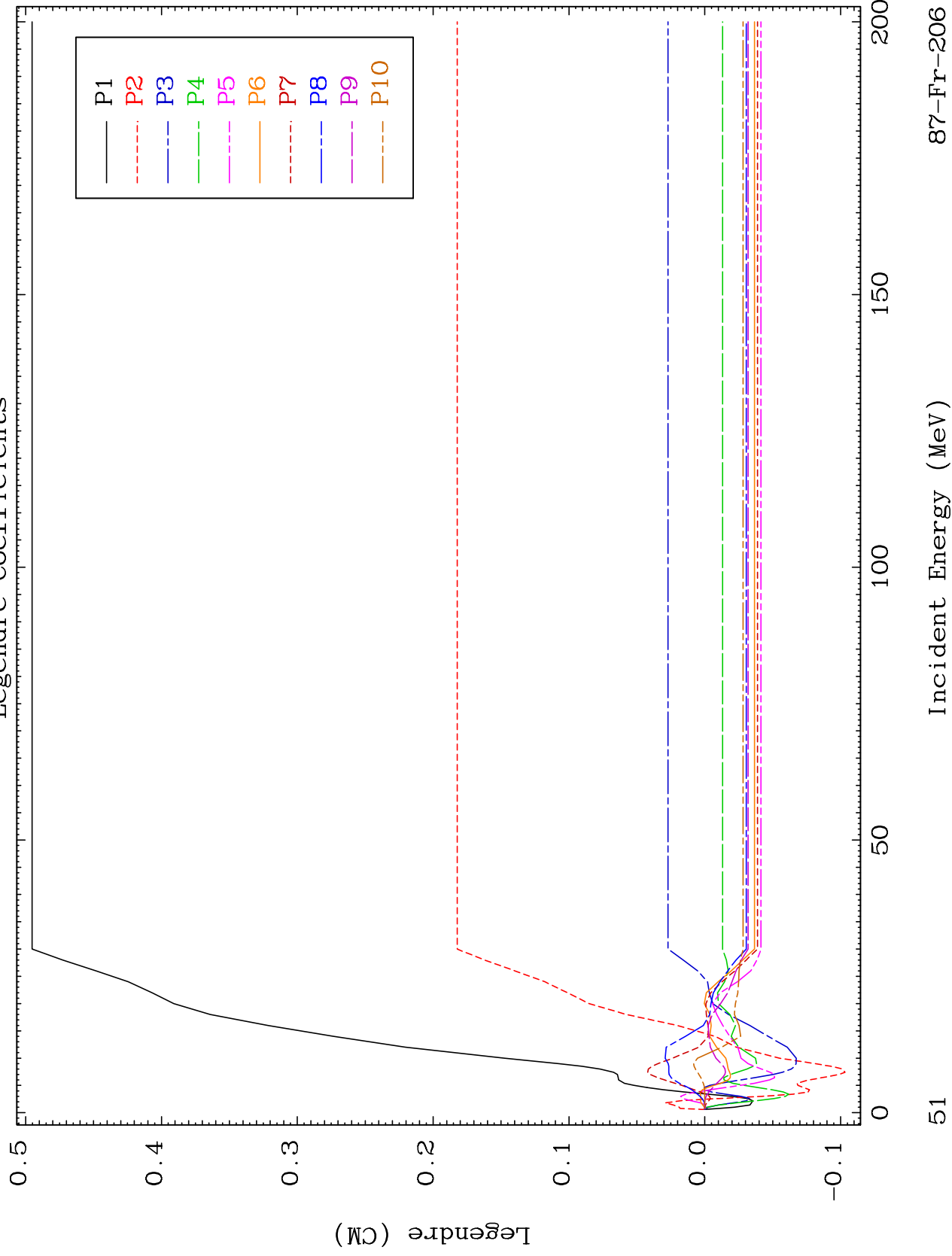




MAT 8707

585.6 keV (n,n') Level
Legendre Coefficients

87-Fr-206



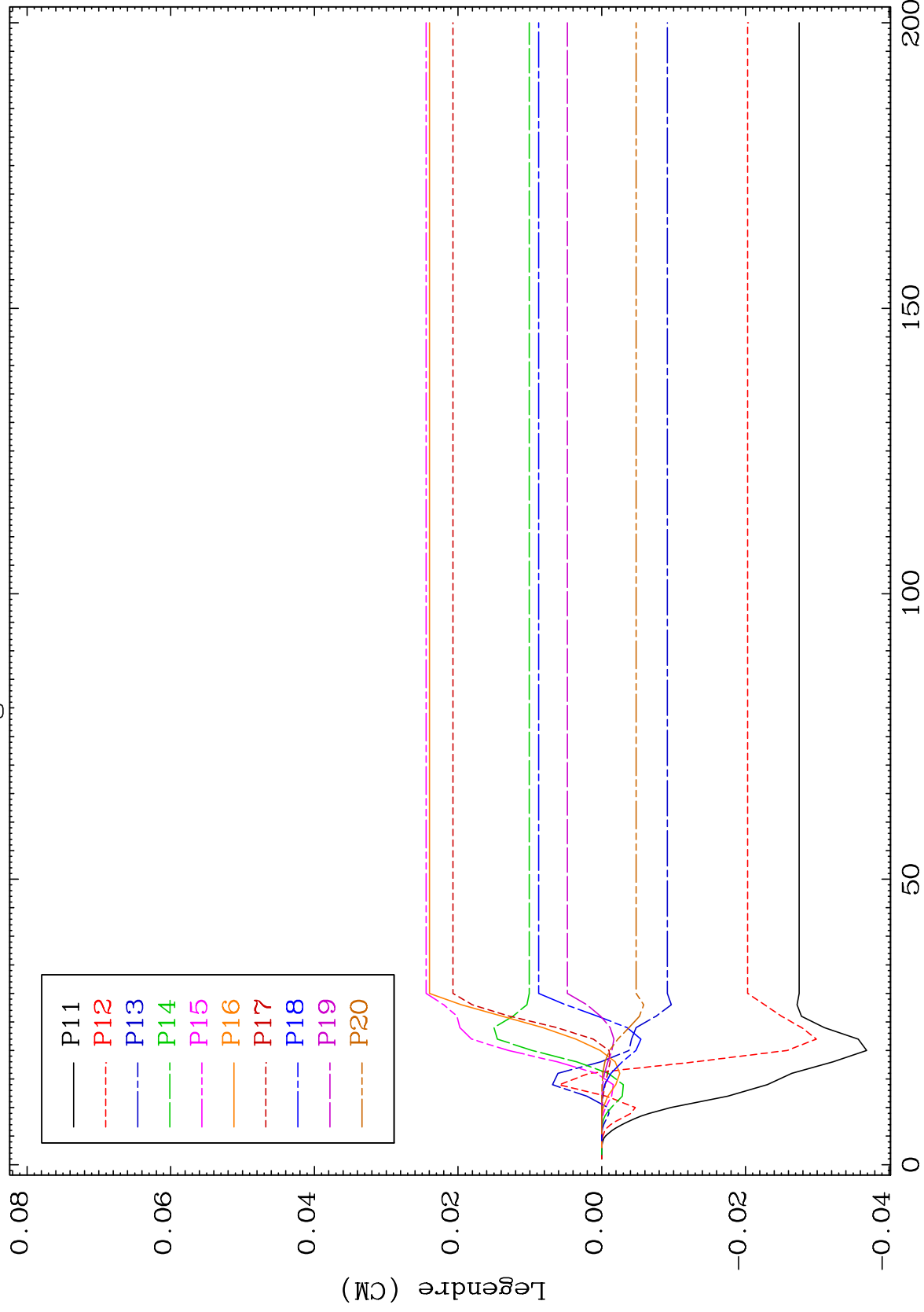
87-Fr-206

Incident Energy (MeV)

MAT 8707

585.6 keV (n,n') Level
Legendre Coefficients

87-Fr-206



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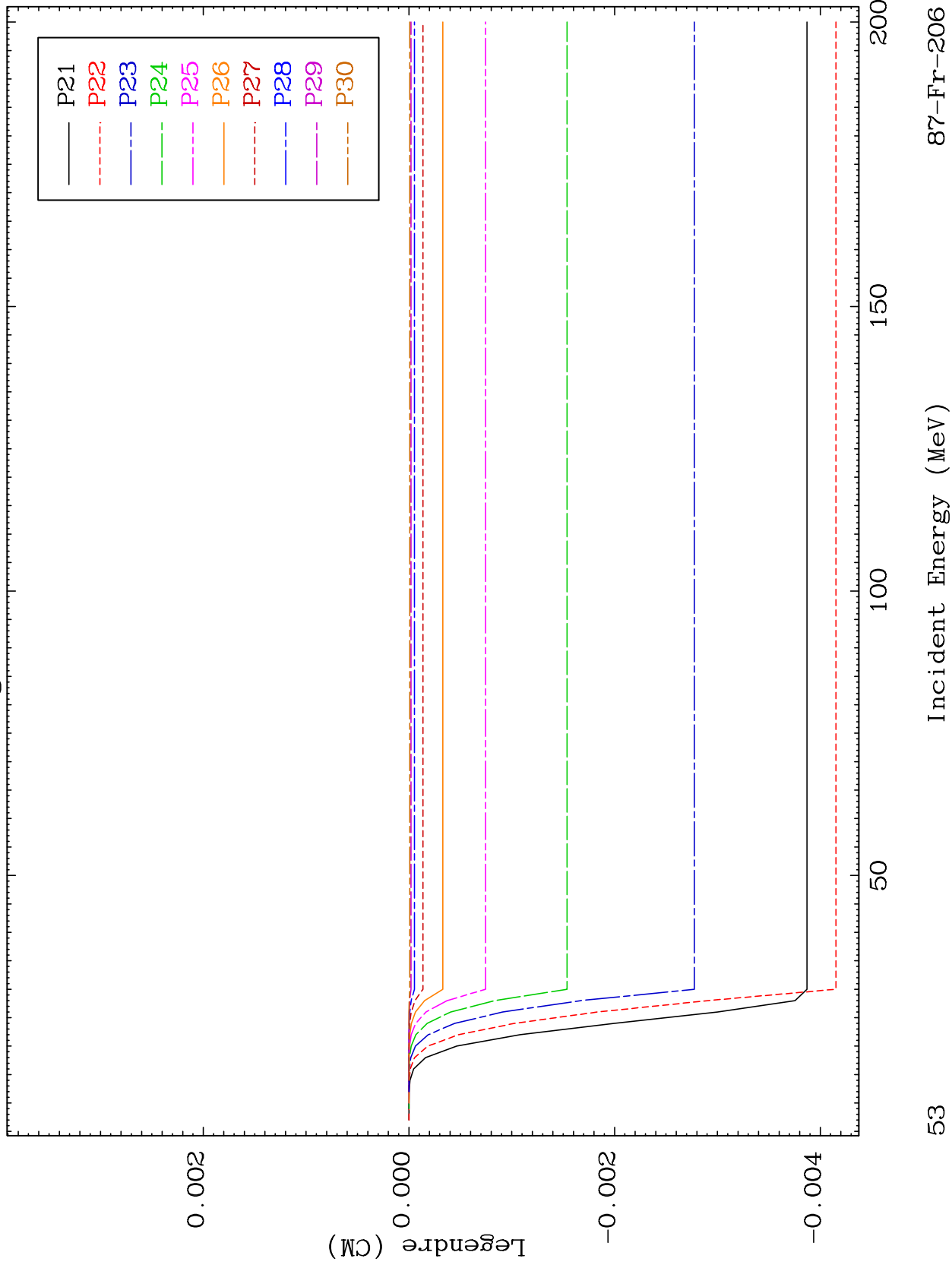
Incident Energy (MeV)

87-Fr-206

MAT 8707

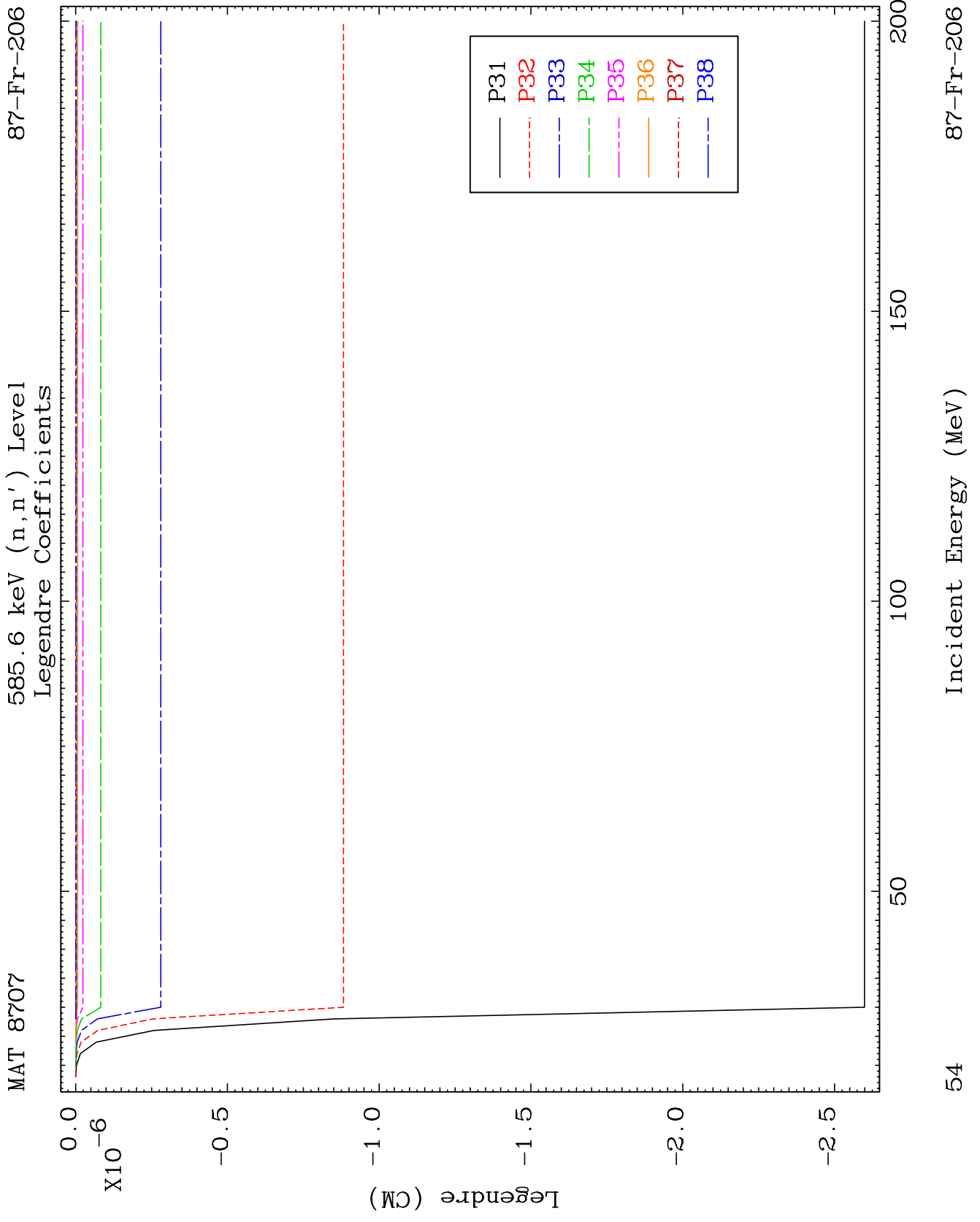
585.6 keV (n,n') Level
Legendre Coefficients

87-Fr-206



53

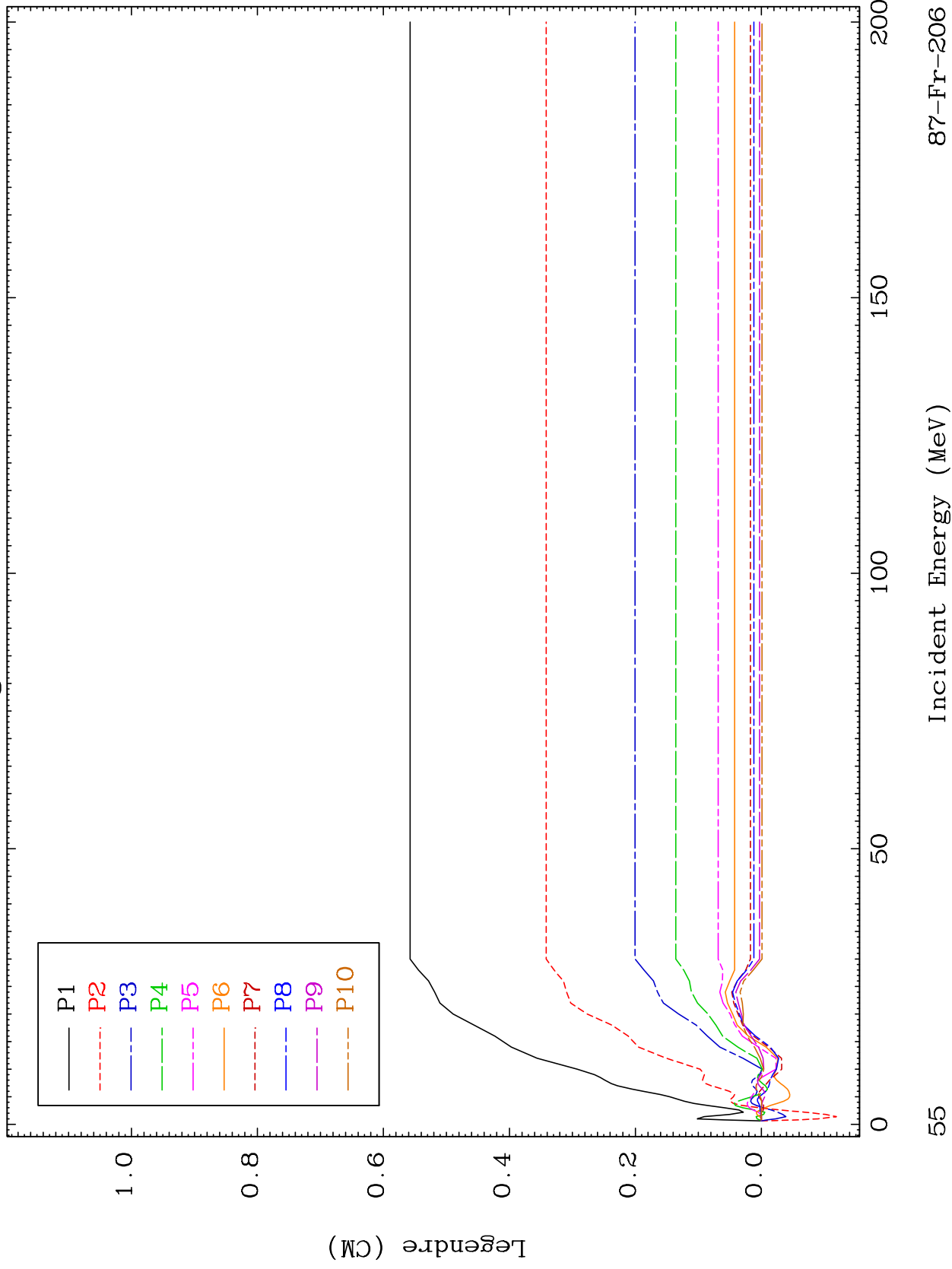
87-Fr-206



MAT 8707

603.8 keV (n, n') Level
Legendre Coefficients

87-Fr-206

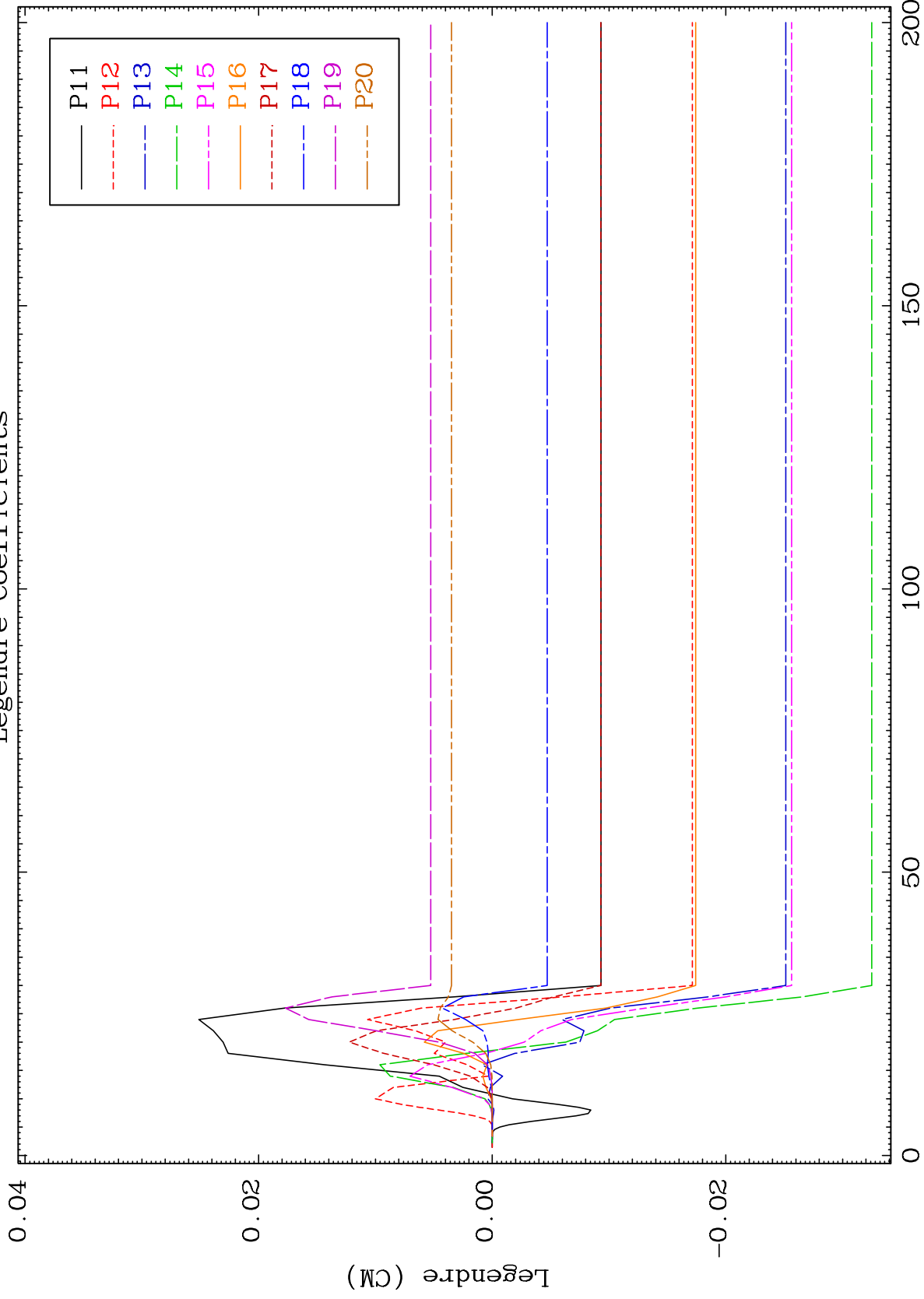


55

MAT 8707

603.8 keV (n,n') Level
Legendre Coefficients

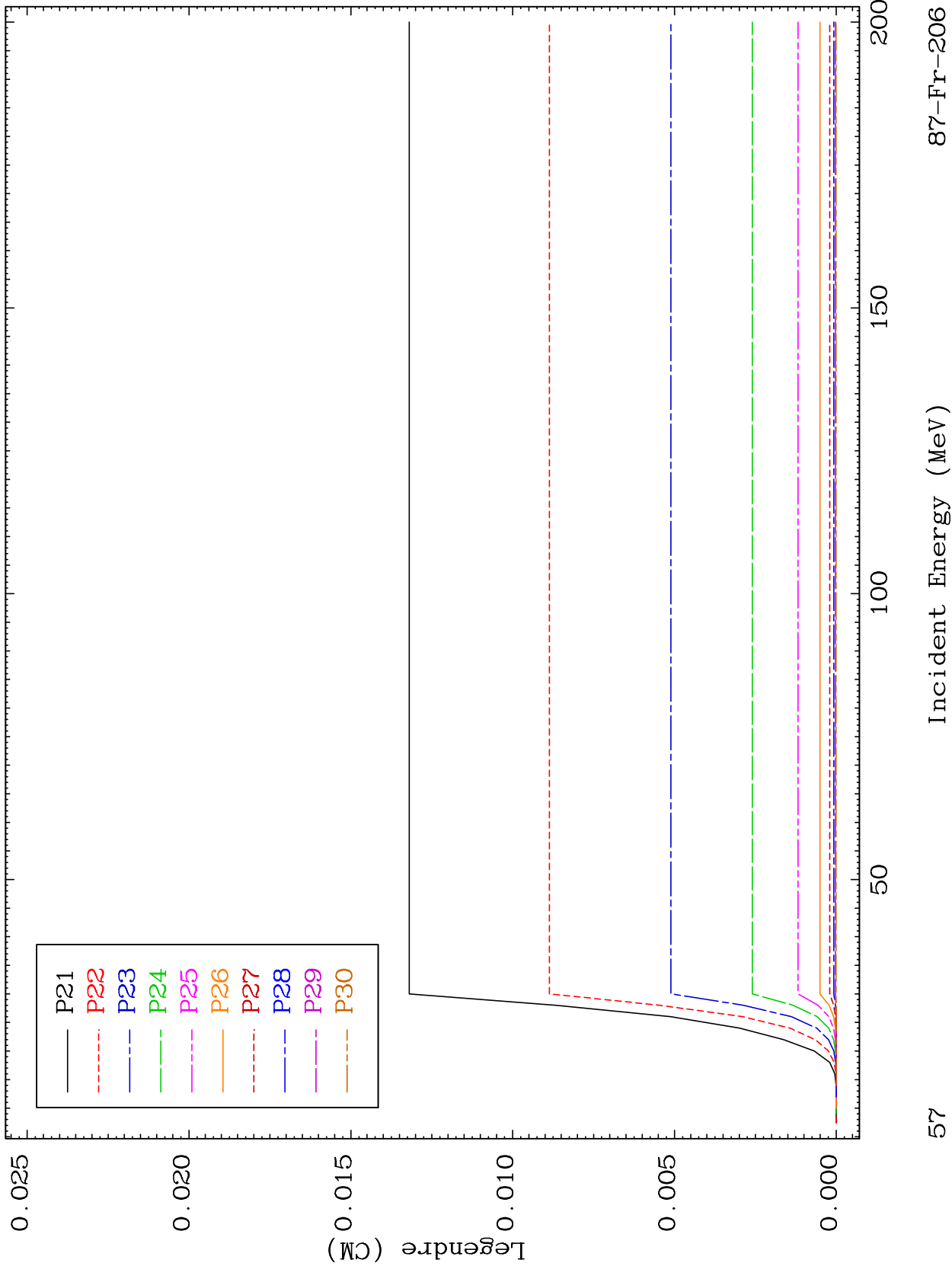
87-Fr-206



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Incident Energy (MeV)

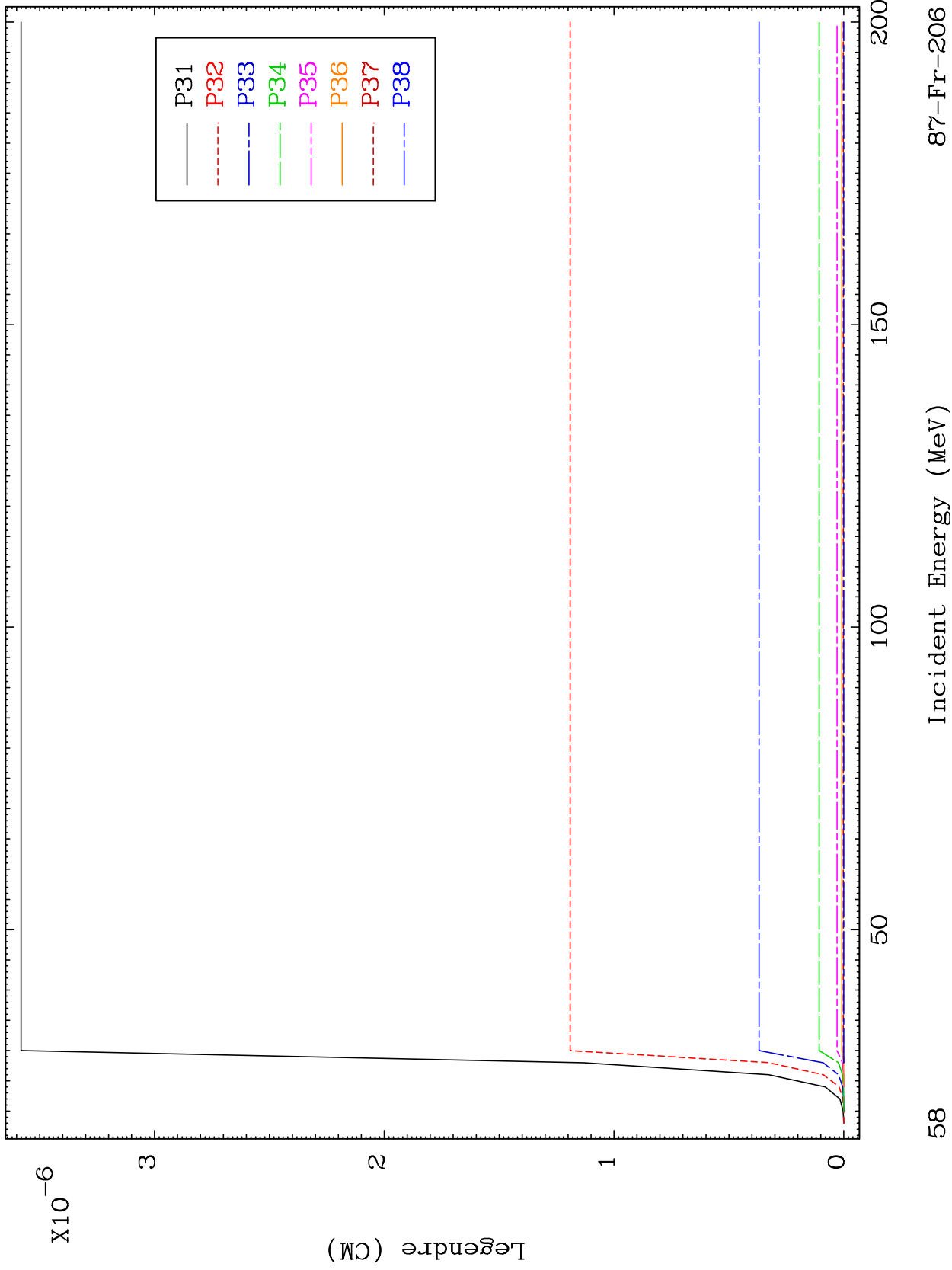
87-Fr-206



MAT 8707

603.8 keV (n,n') Level
Legendre Coefficients

87-Fr-206

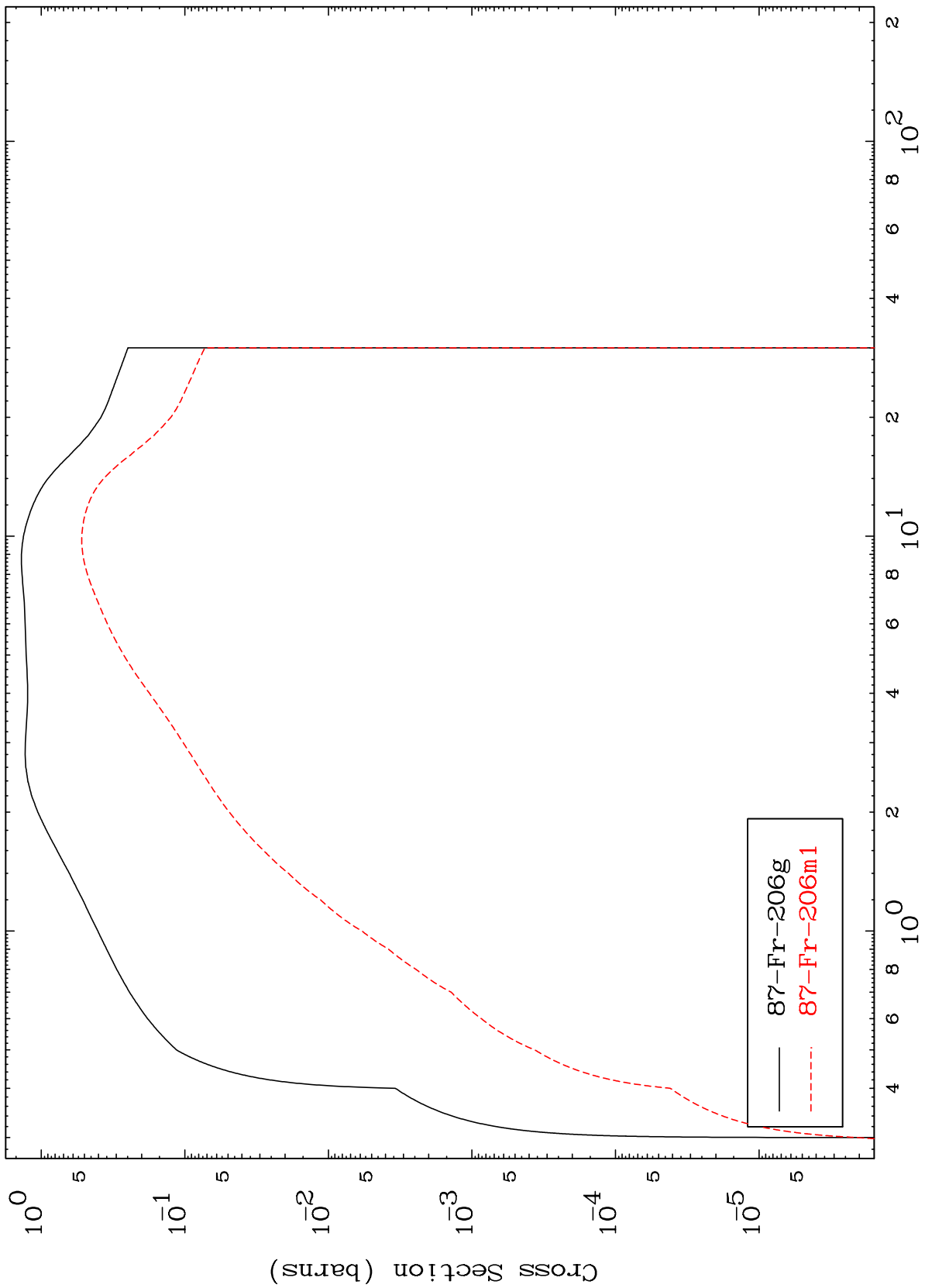


58

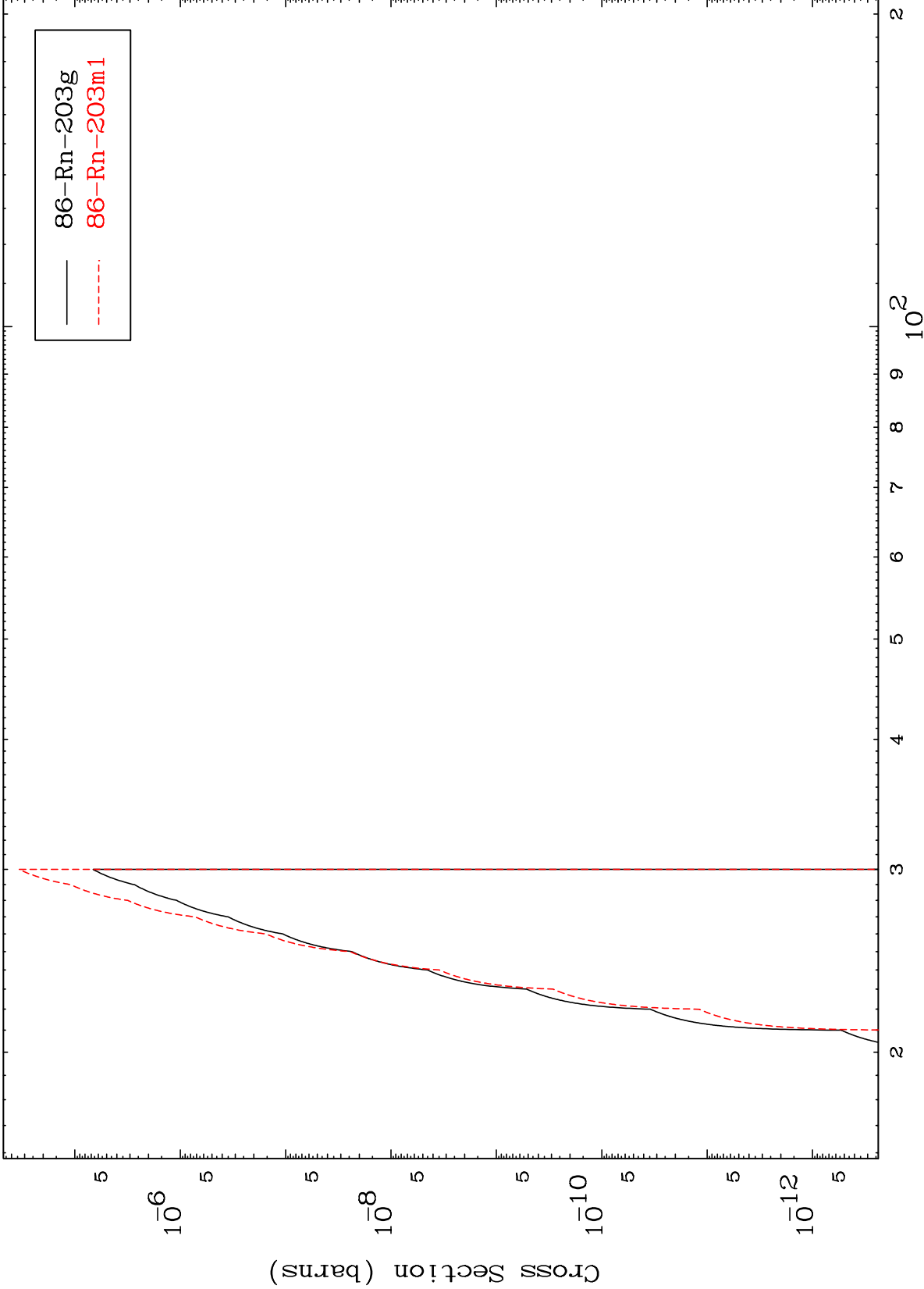
Incident Energy (MeV)

87-Fr-206

Inelastic
Radionuclide Production Cross Section



Radionuclide Production Cross Section

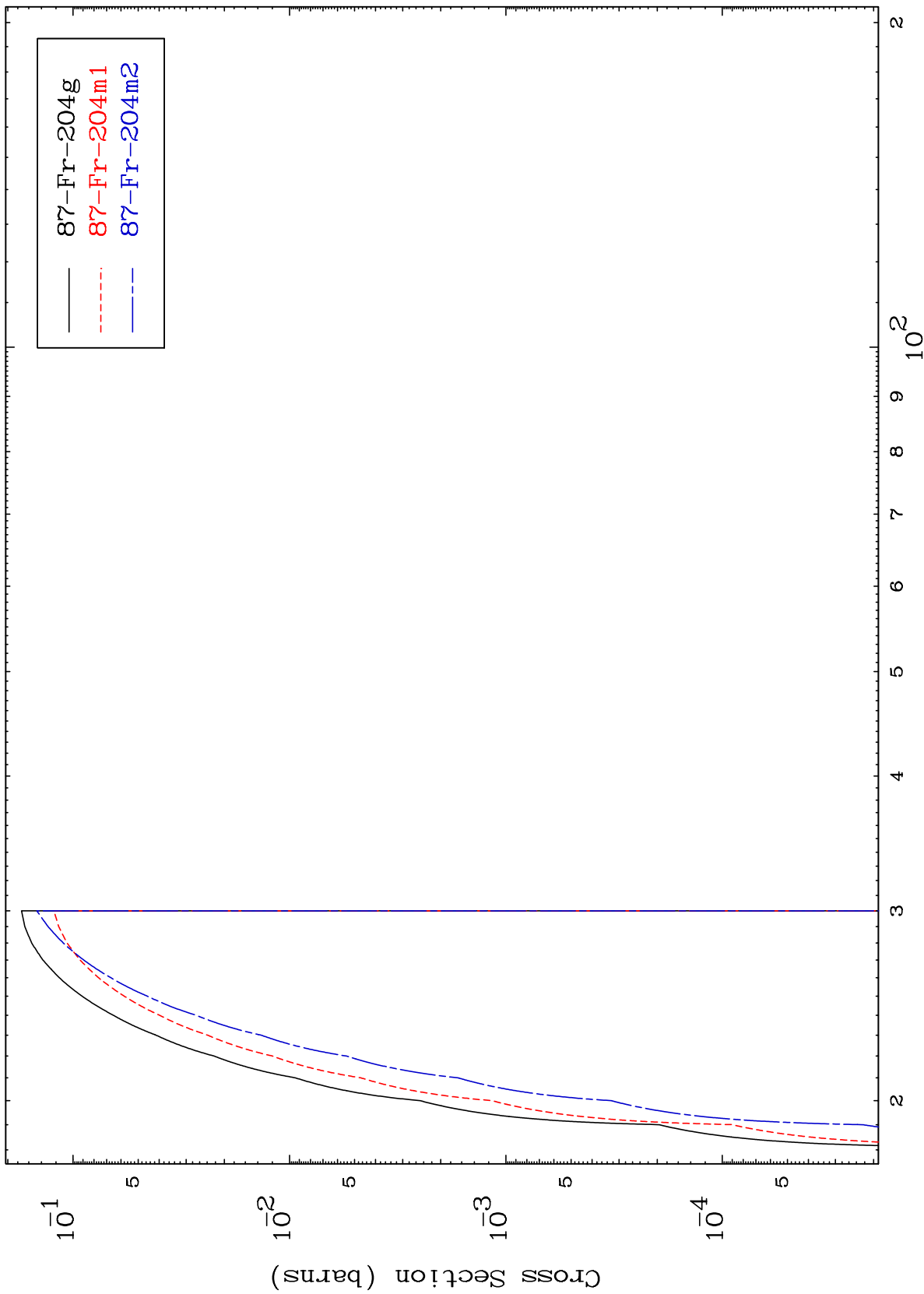


86-Rn-203g
86-Rn-203m1

MAT 8707

87-Fr-206

(n,3n)
Radionuclide Production Cross Section



61

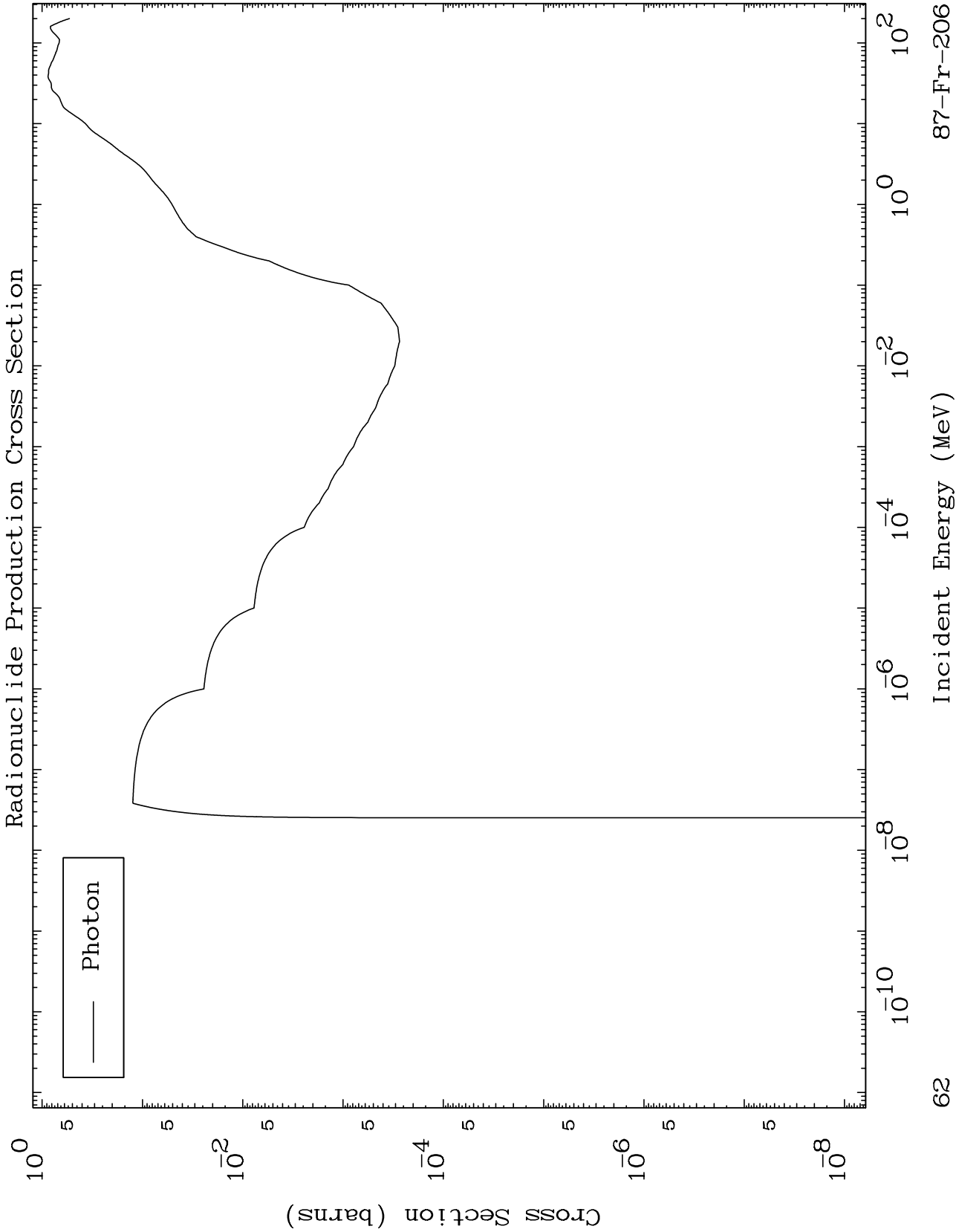
Incident Energy (MeV)

87-Fr-206

MAT 8707

Fission

87-Fr-206

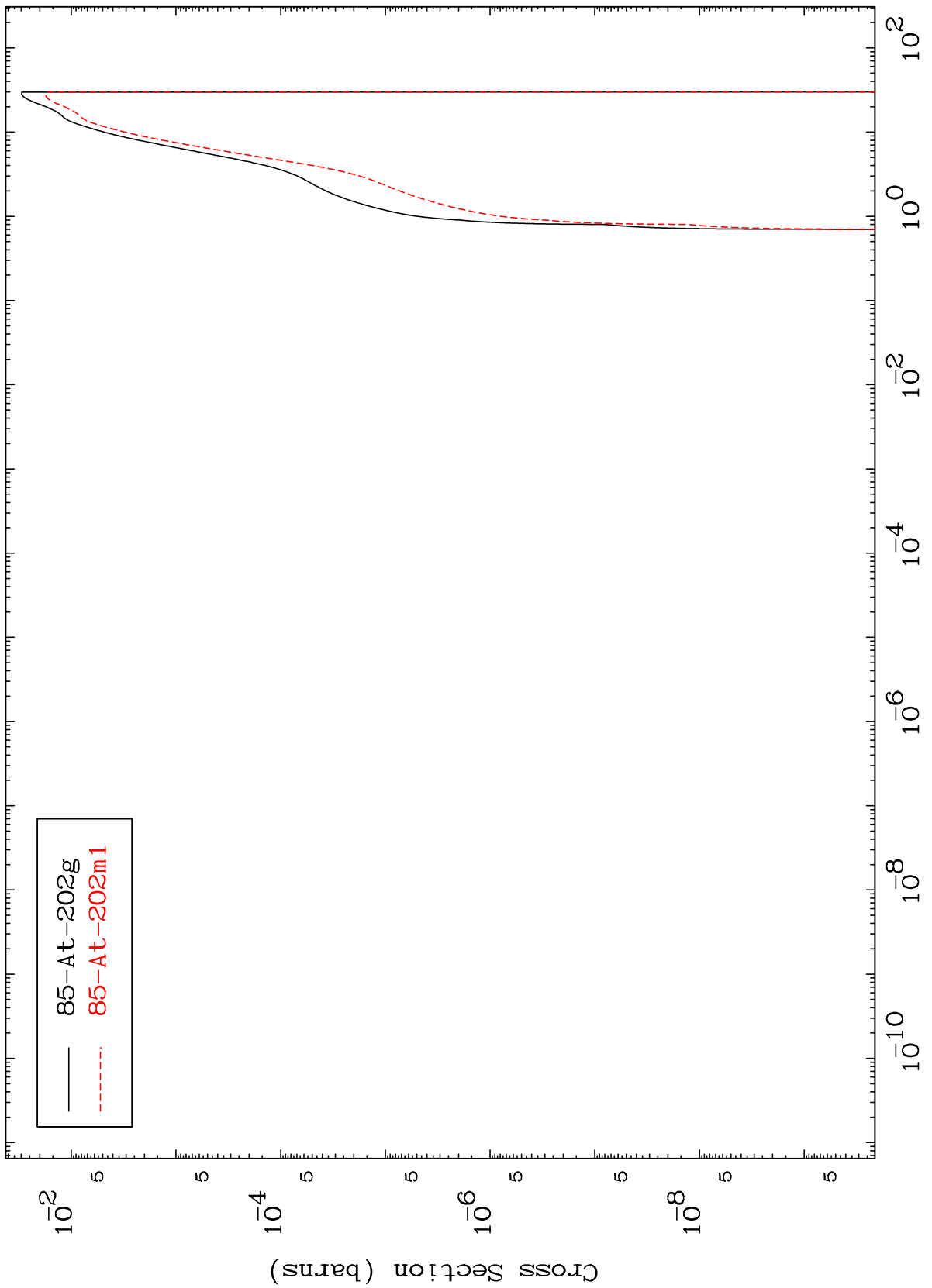


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$(n, n') \alpha$

87-Fr-206

Radionuclide Production Cross Section



63

Incident Energy (MeV)

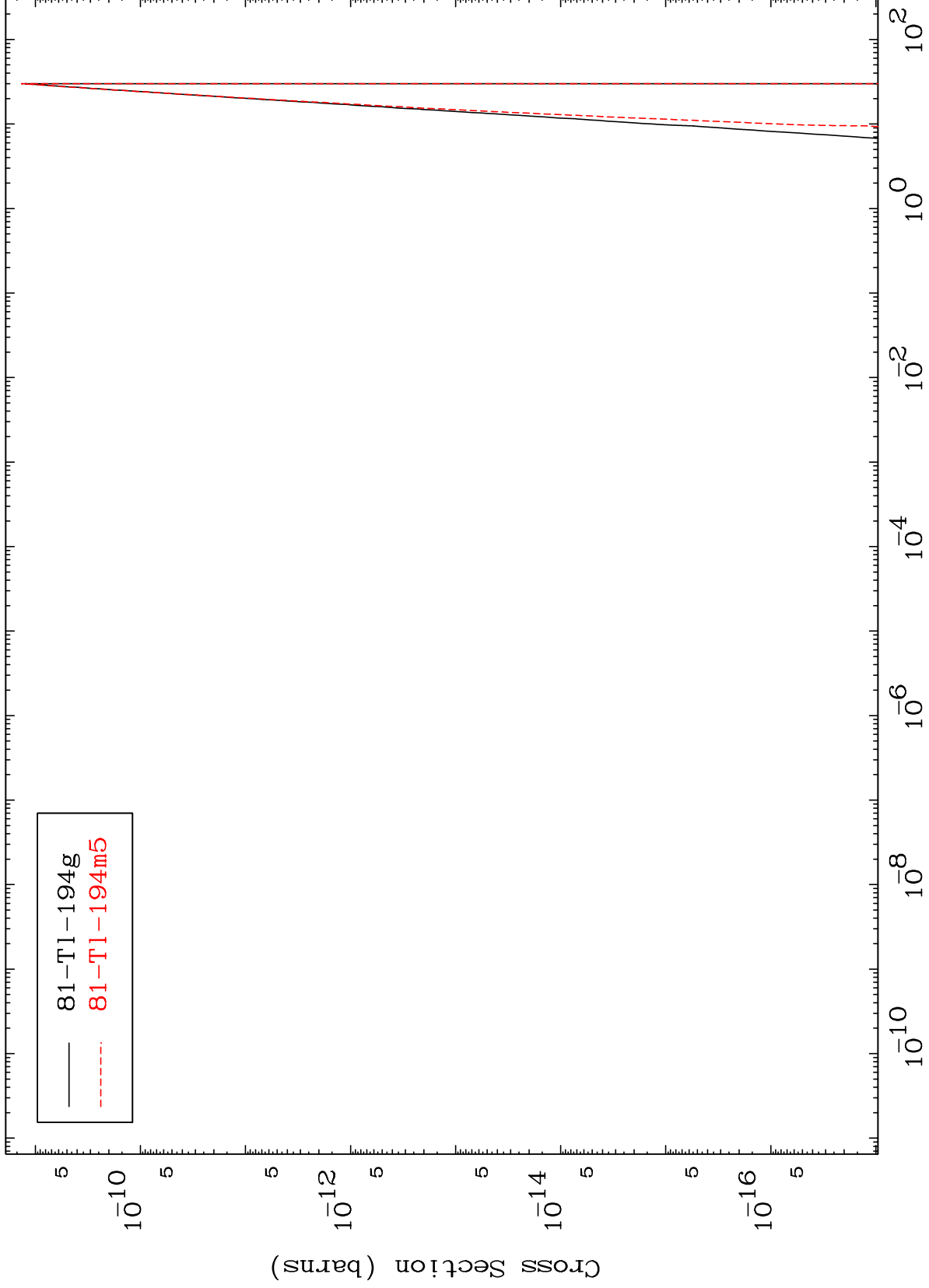
87-Fr-206

MAT 8707

(n,n') 3 α

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Radionuclide Production Cross Section



64

Incident Energy (MeV)

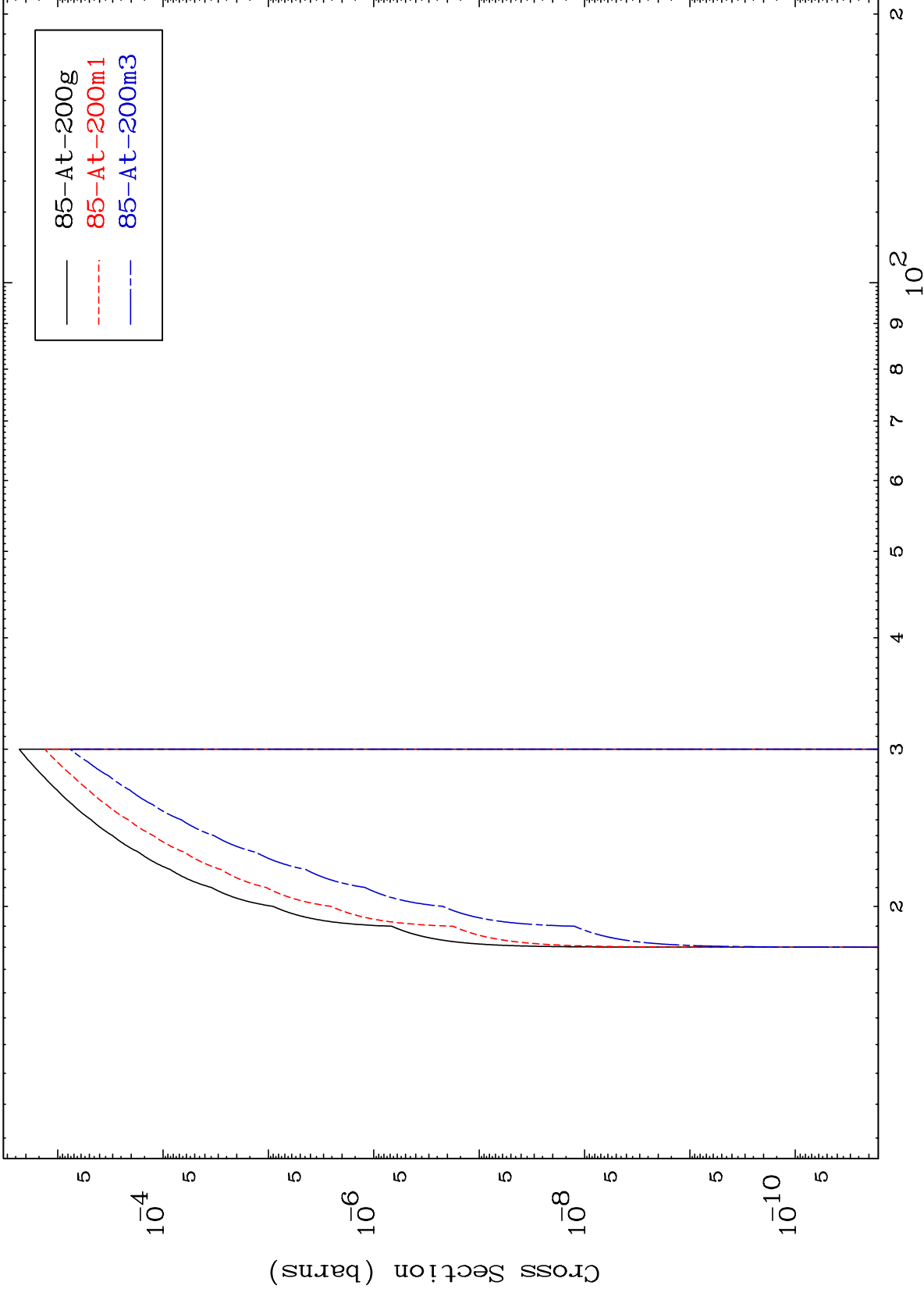
87-Fr-206

MAT 8707

(n,3n) α

87-Fr-206

Radionuclide Production Cross Section



65

Incident Energy (MeV)

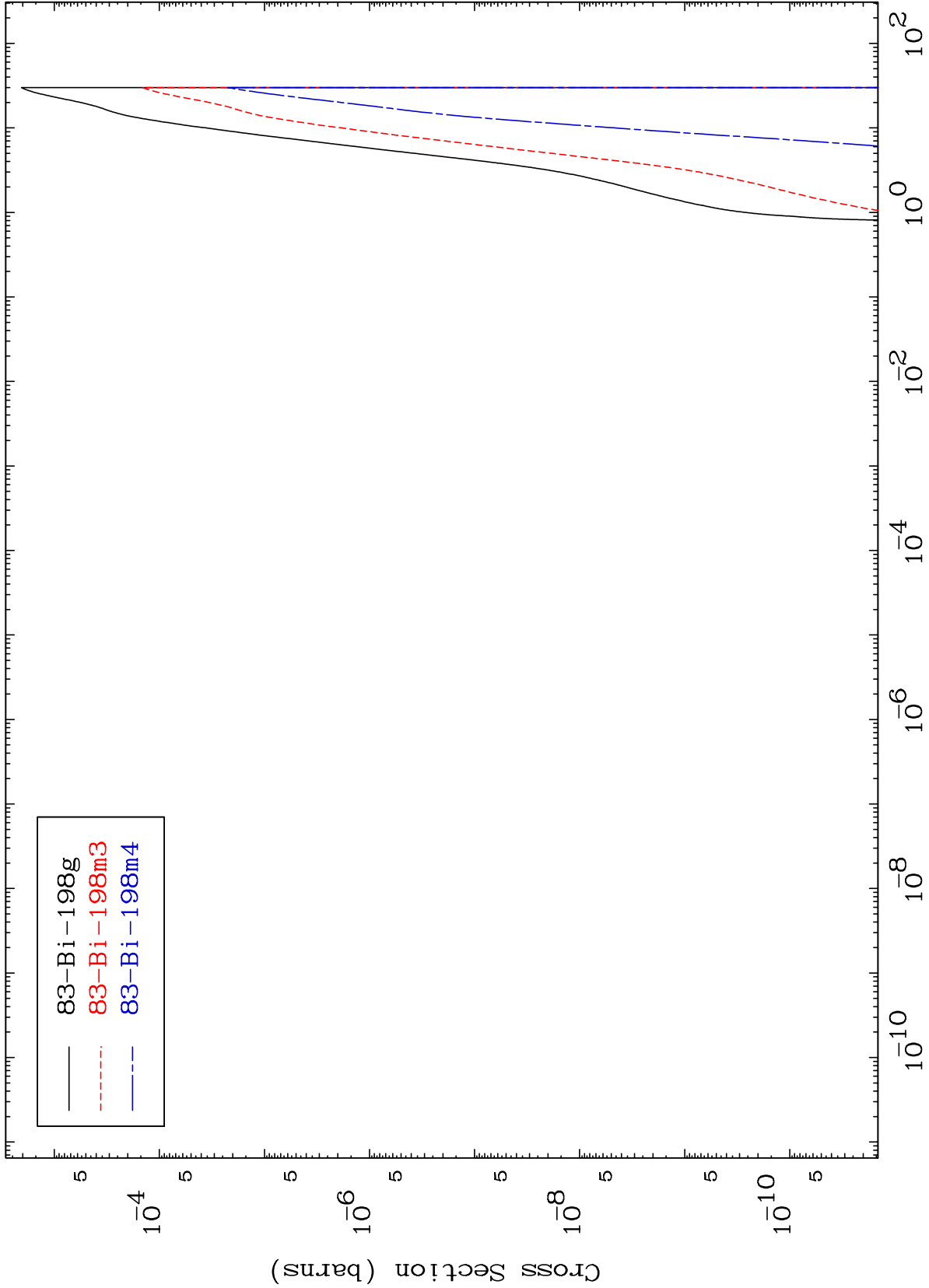
87-Fr-206

MAT 8707

(n,n') 2 α

87-Fr-206

Radionuclide Production Cross Section



66

Incident Energy (MeV)

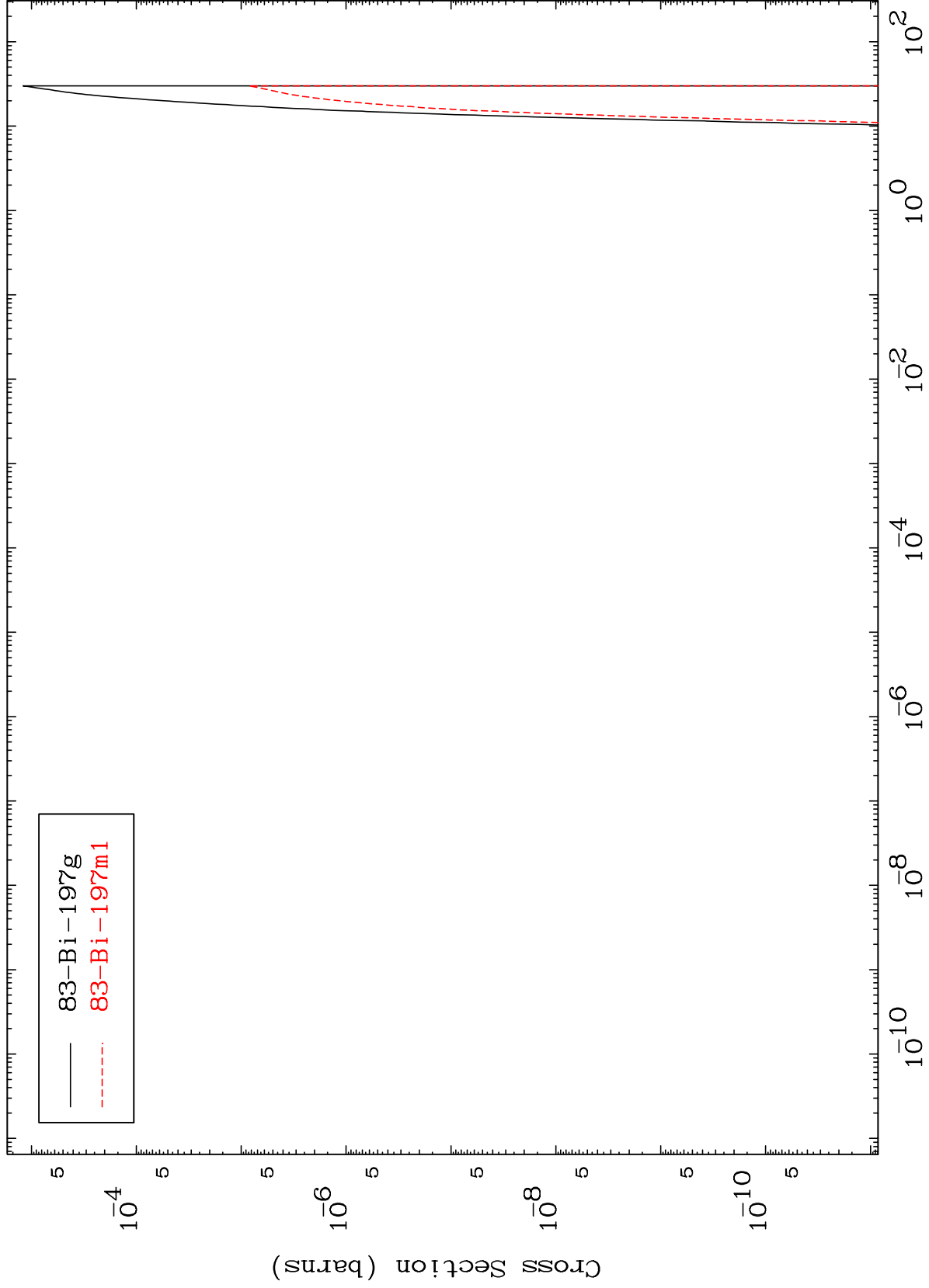
87-Fr-206

MAT 8707

(n,2n) 2 α

87-Fr-206

Radionuclide Production Cross Section



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Incident Energy (MeV)

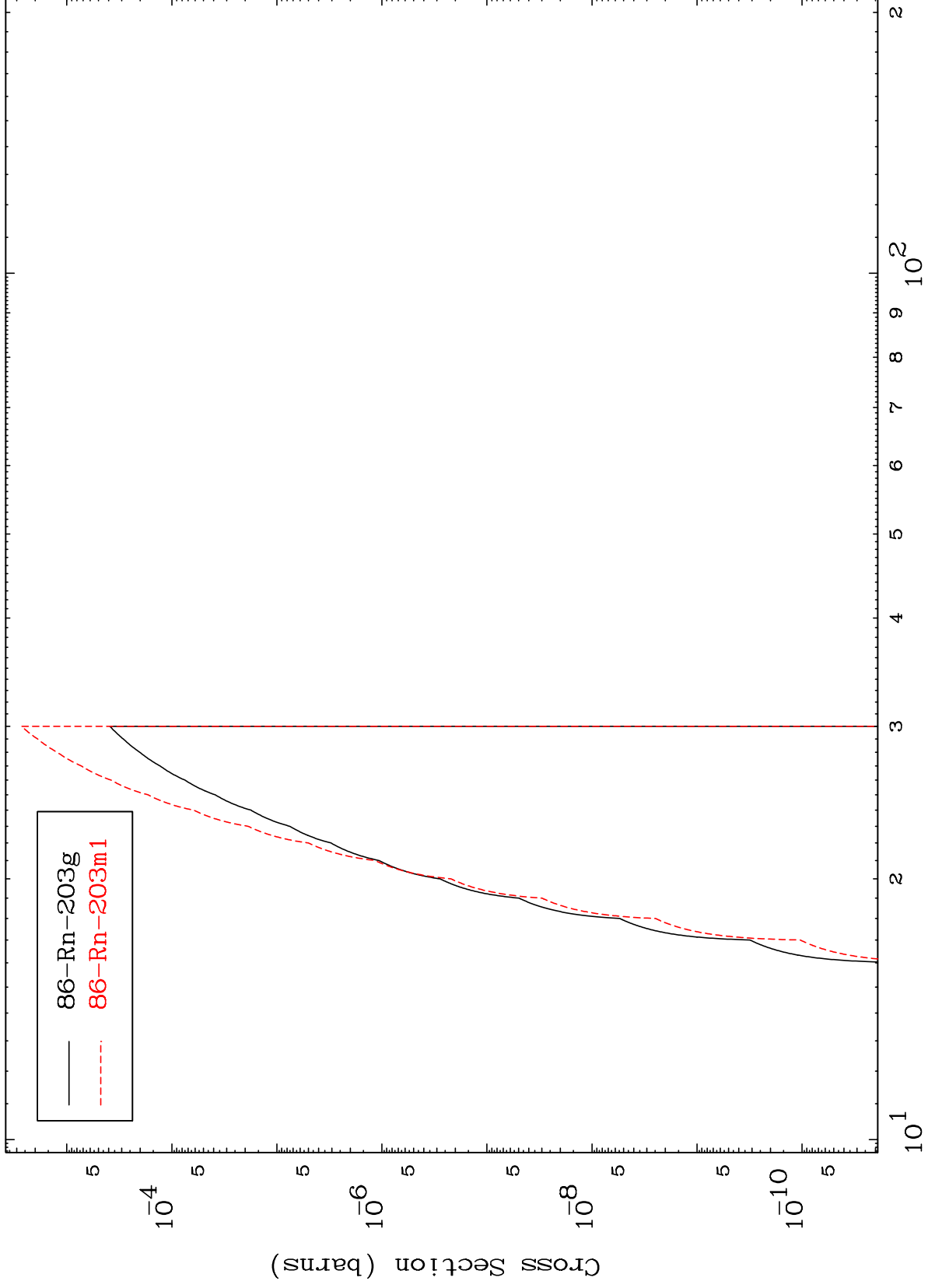
87-Fr-206

MAT 8707

(n,n') t

87-Fr-206

Radionuclide Production Cross Section



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Incident Energy (MeV)

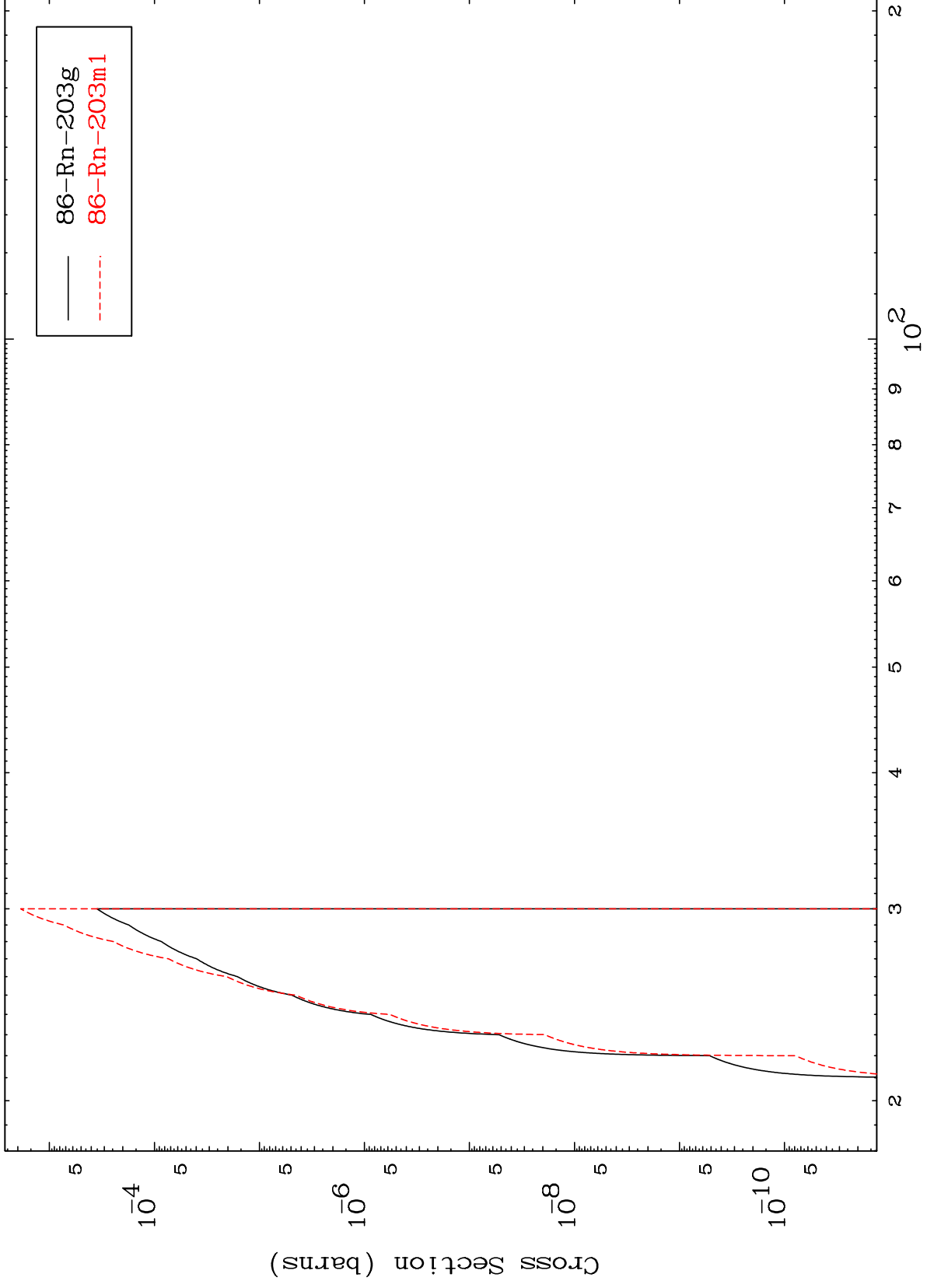
87-Fr-206

MAT 8707

(n,3n) p

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Radionuclide Production Cross Section



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Incident Energy (MeV)

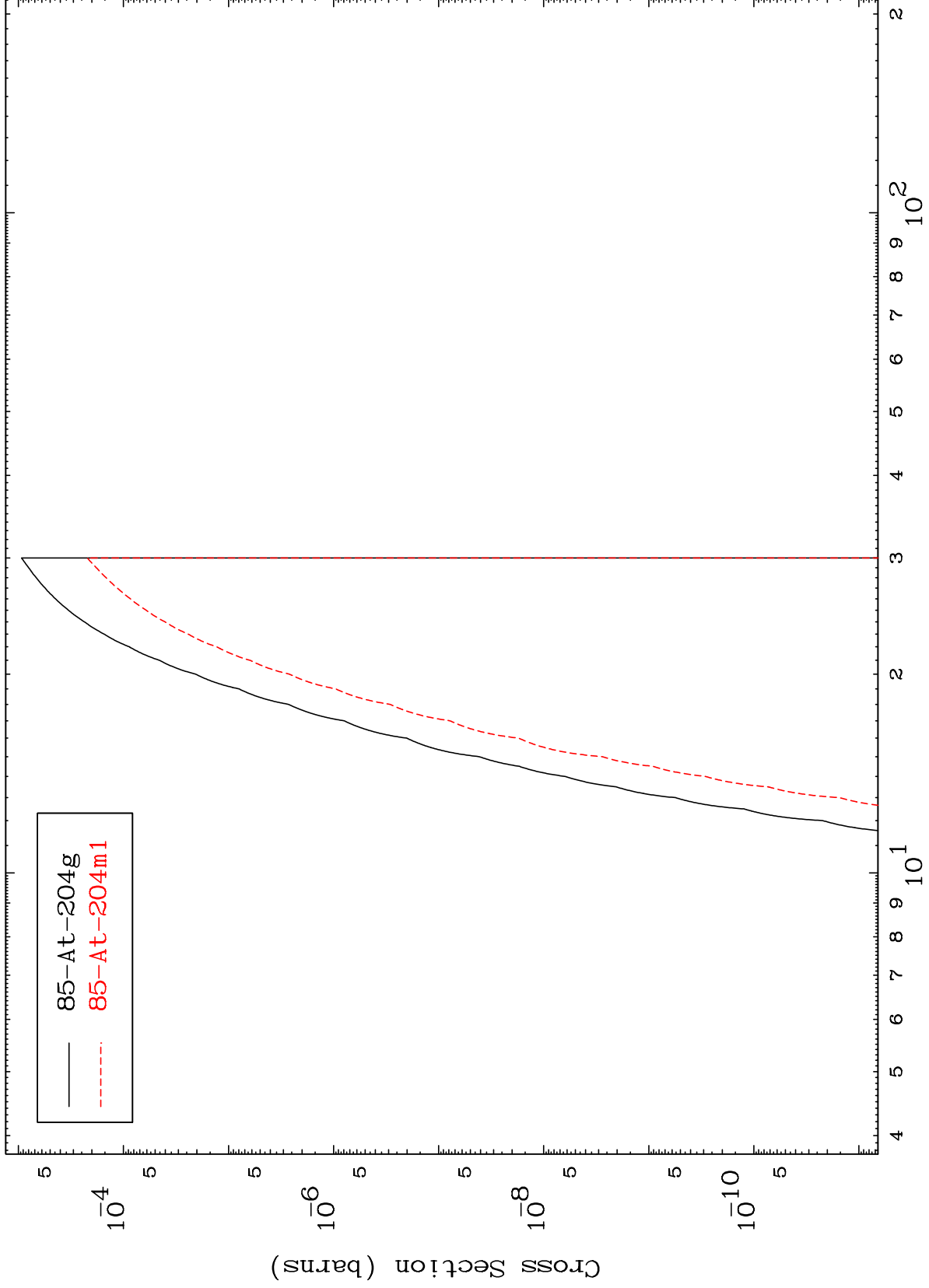
87-Fr-206

MAT 8707

(n,2n) p

87-Fr-206

Radionuclide Production Cross Section



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Incident Energy (MeV)

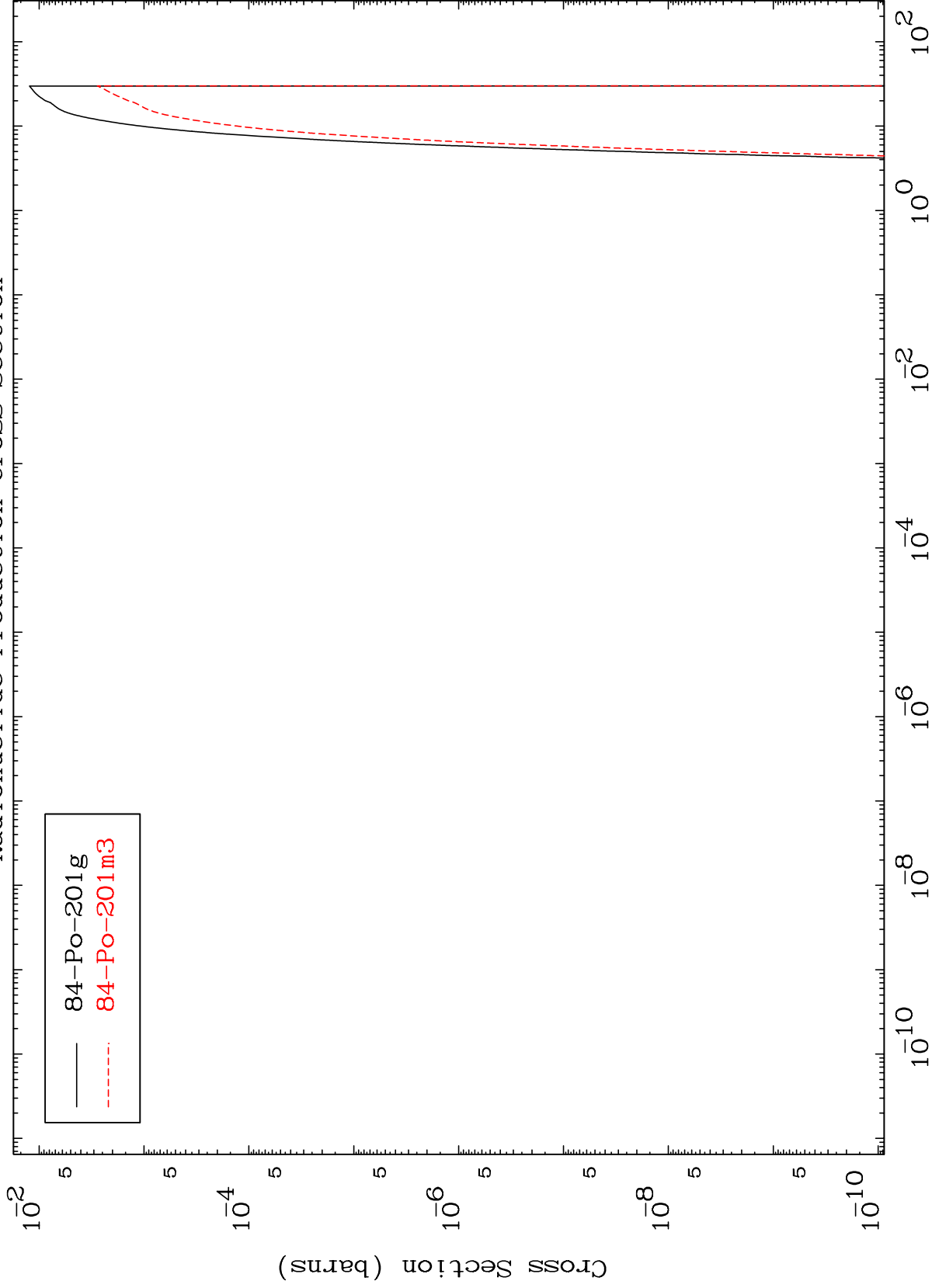
87-Fr-206

MAT 8707

(n,n') p α

87-Fr-206

Radionuclide Production Cross Section



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Incident Energy (MeV)

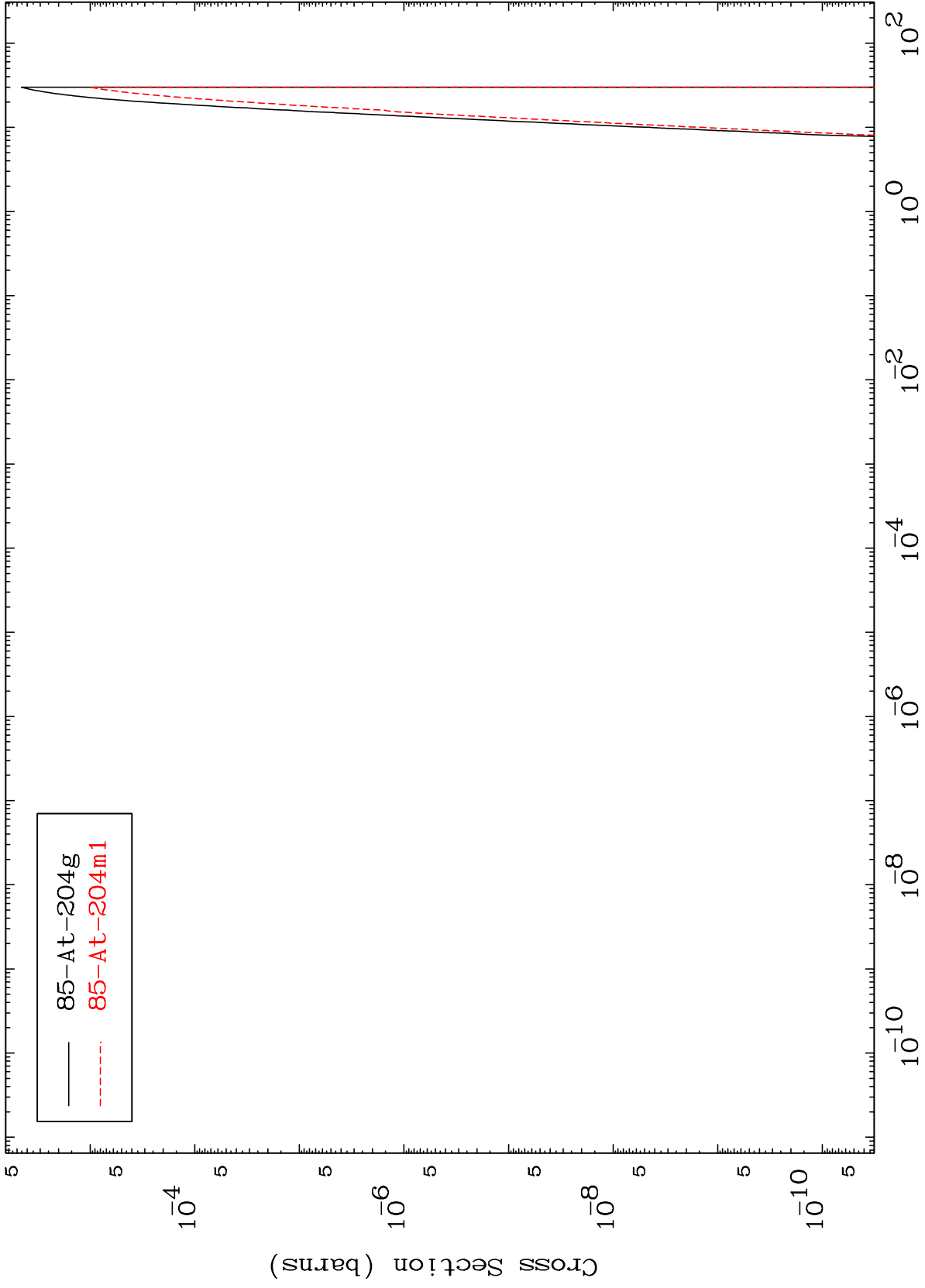
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(n,He-3)

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Radionuclide Production Cross Section



72

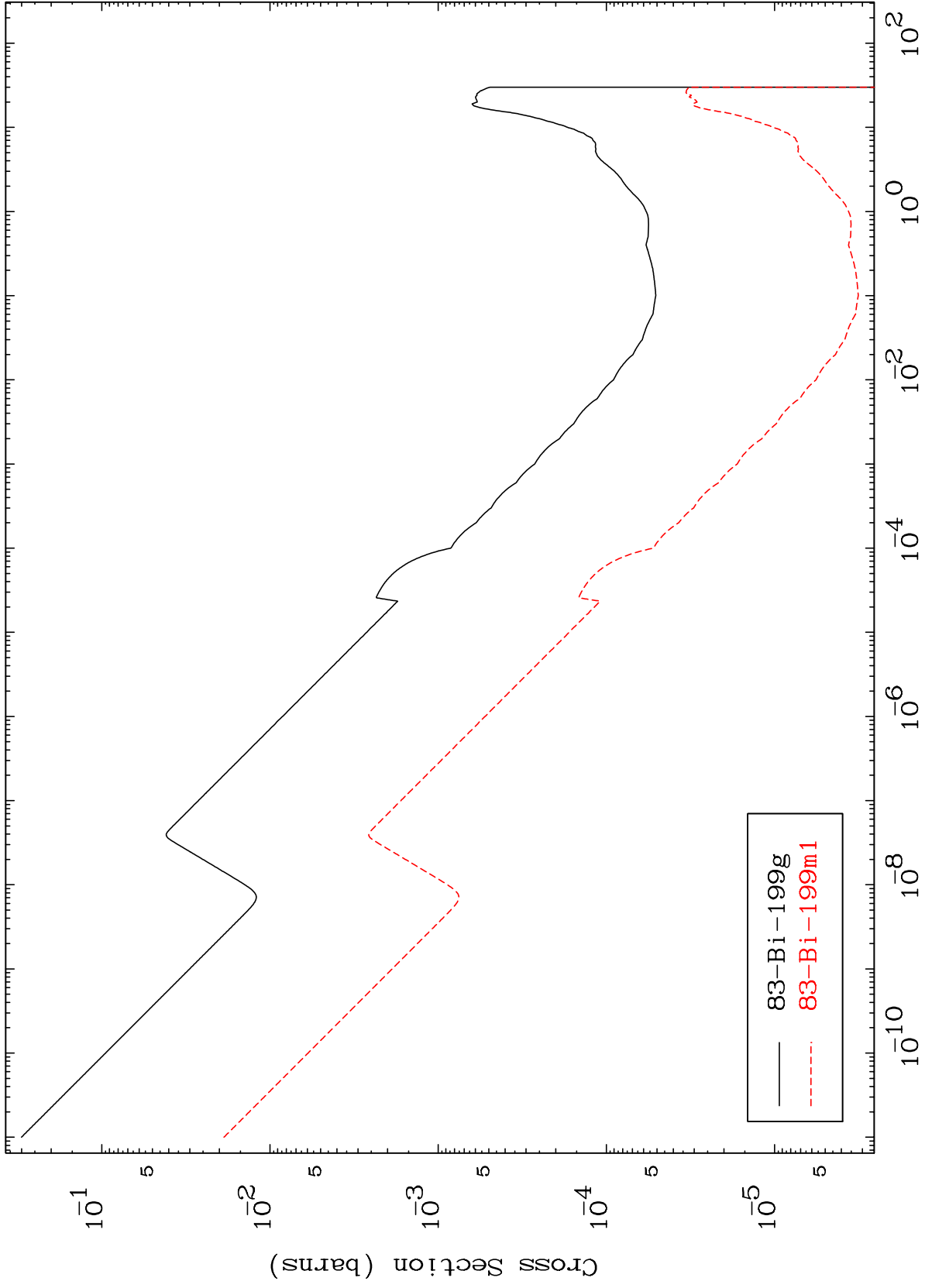
Incident Energy (MeV)

87-Fr-206

MAT 8707

87-Fr-206

(n,2α)
Radionuclide Production Cross Section



— 83-Bi-199g
- - - 83-Bi-199m1

73

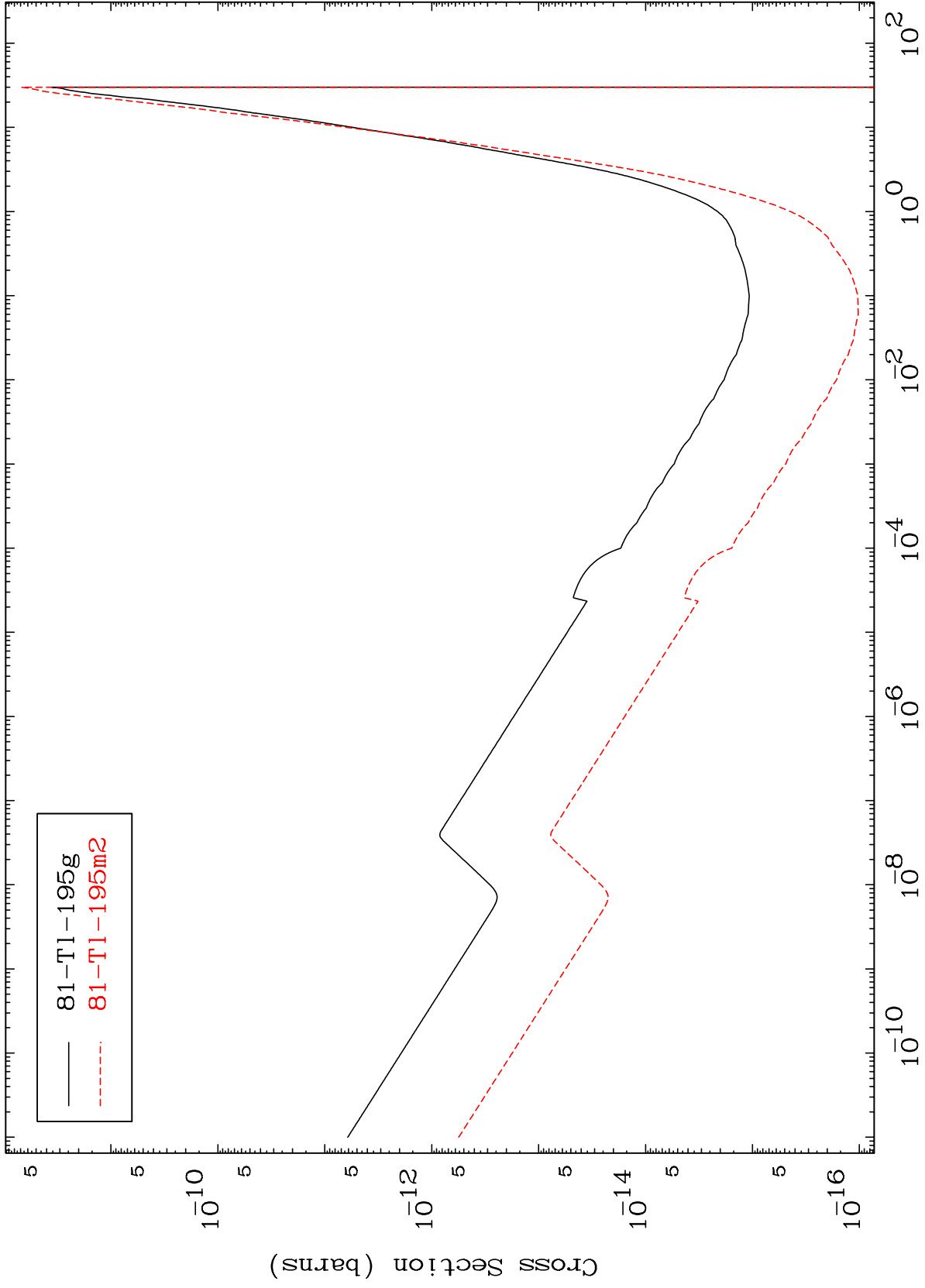
87-Fr-206

MAT 8707

(n, 3α)

87-Fr-206

Radionuclide Production Cross Section



74

Incident Energy (MeV)

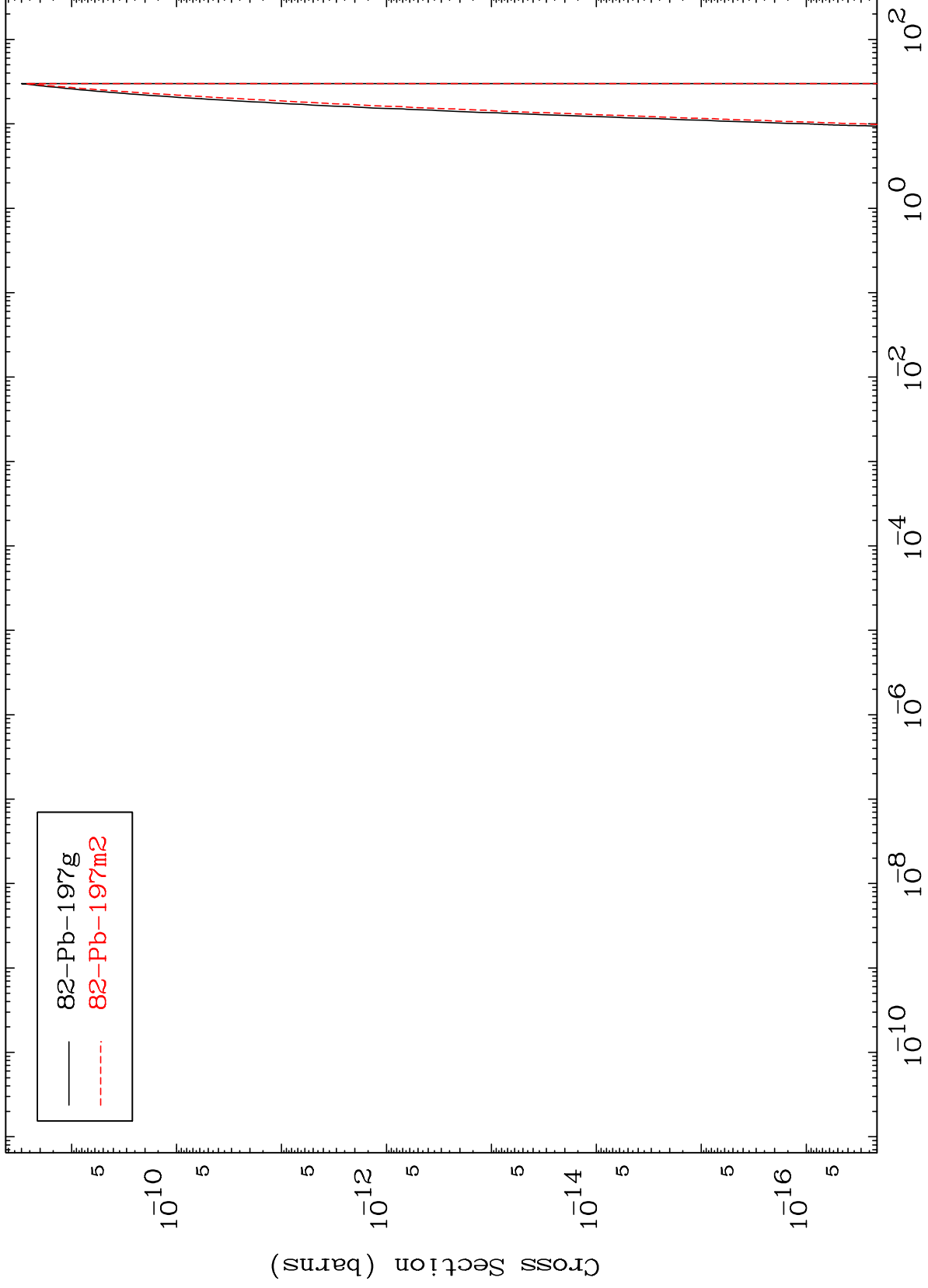
87-Fr-206

MAT 8707

(n,d) 2 α

87-Fr-206

Radionuclide Production Cross Section



82-Pb-197g
82-Pb-197m2

75

Incident Energy (MeV)

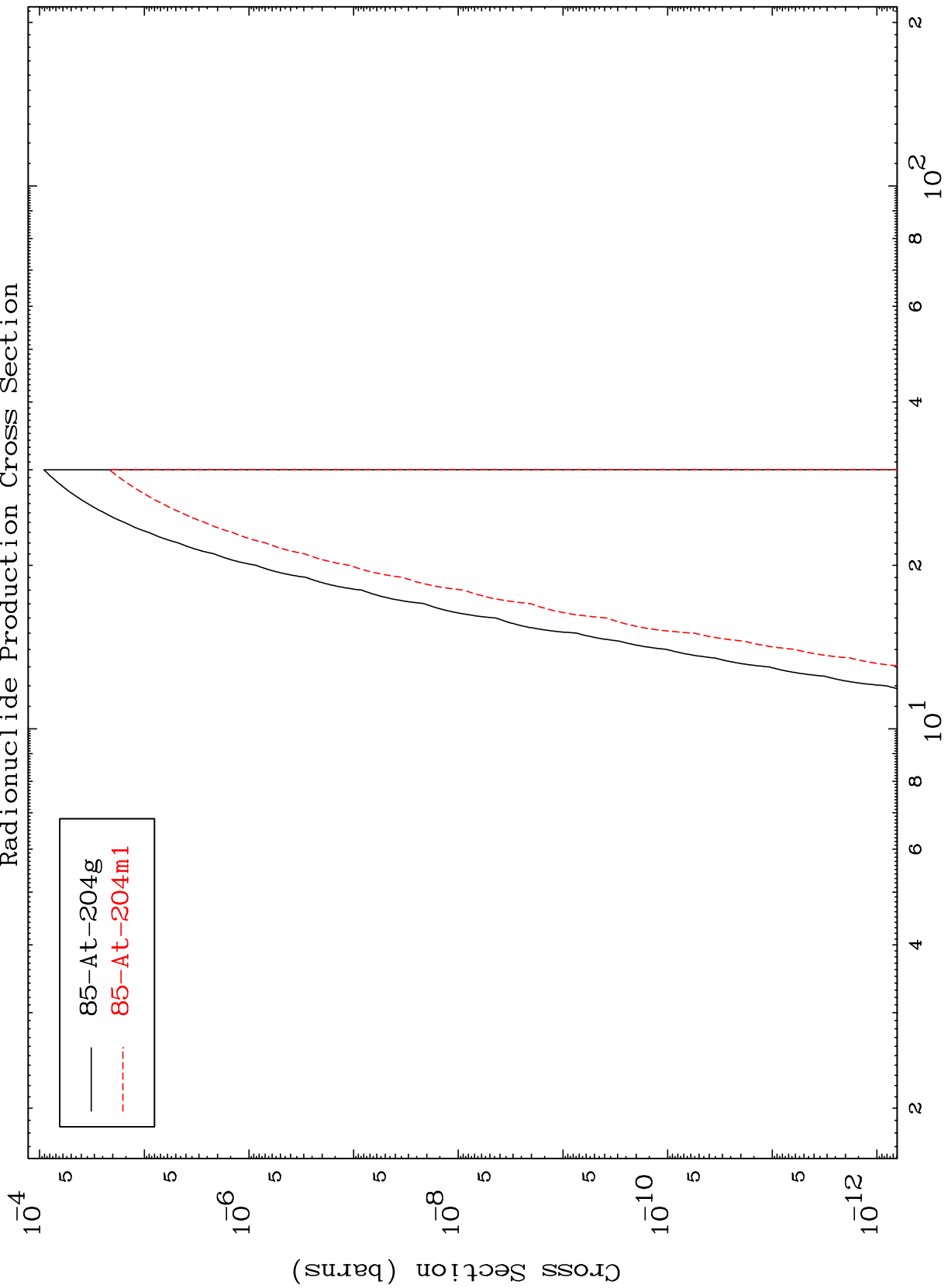
87-Fr-206

MAT 8707

(n,p) d

87-Fr-206

Radionuclide Production Cross Section



76

Incident Energy (MeV)

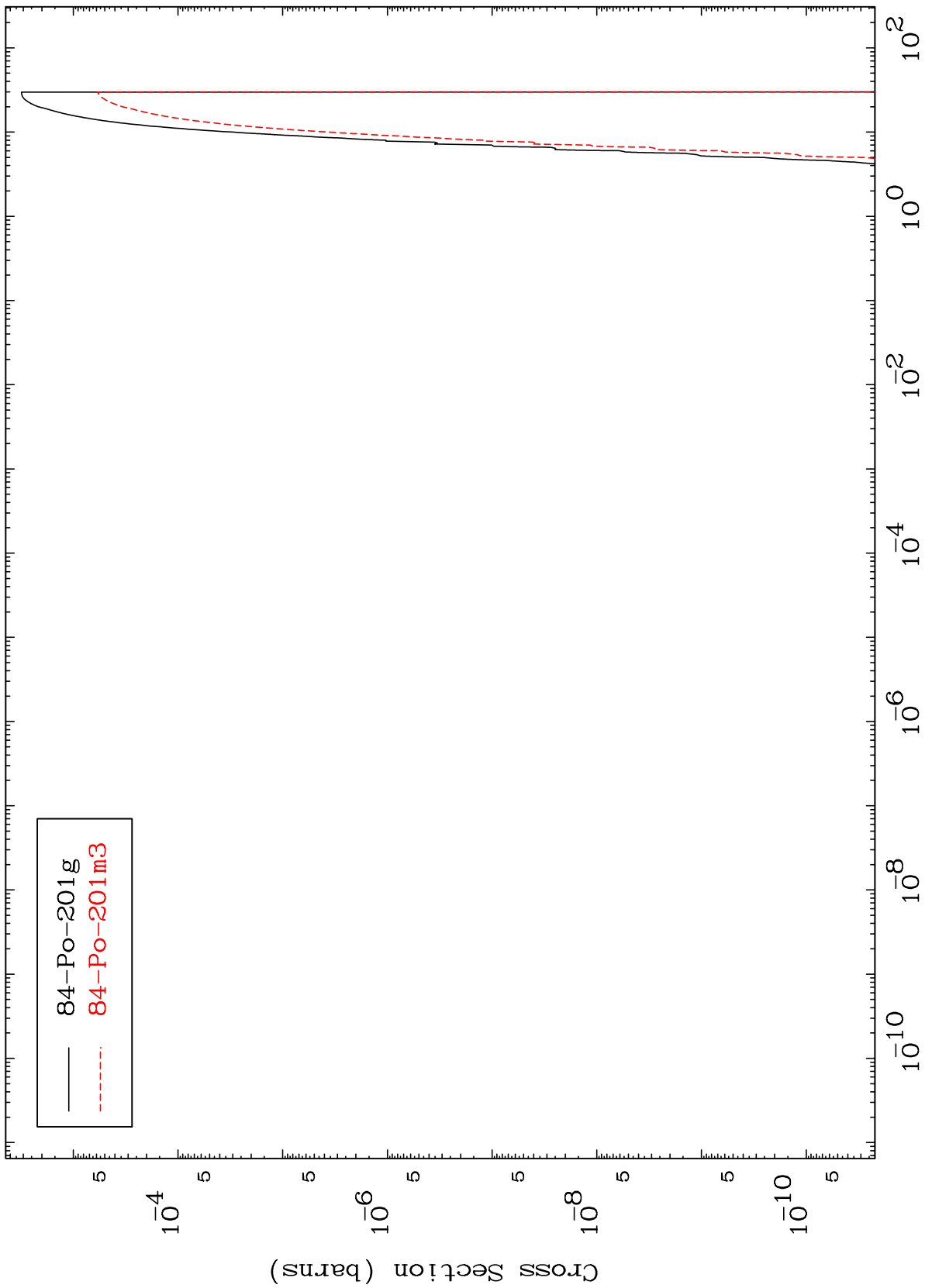
87-Fr-206

MAT 8707

(n,d) α

87-Fr-206

Radionuclide Production Cross Section



84-Po-201g
84-Po-201m3

77

Incident Energy (MeV)

87-Fr-206