

Program EVALPLOT
(Version 2018-1)

by

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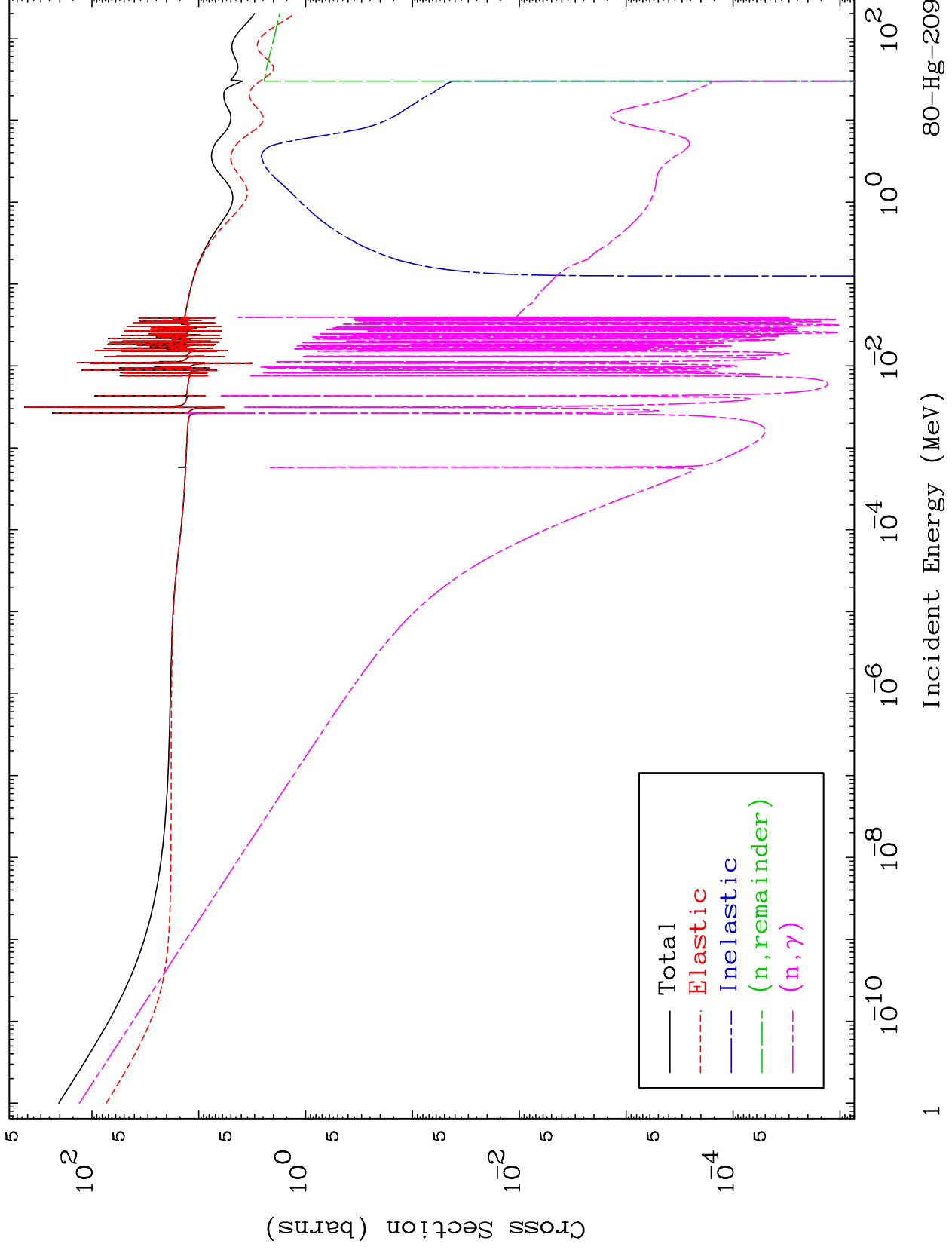
Press Mouse Button to Start

MAT 8064

Major

293 Kelvin Cross Sections

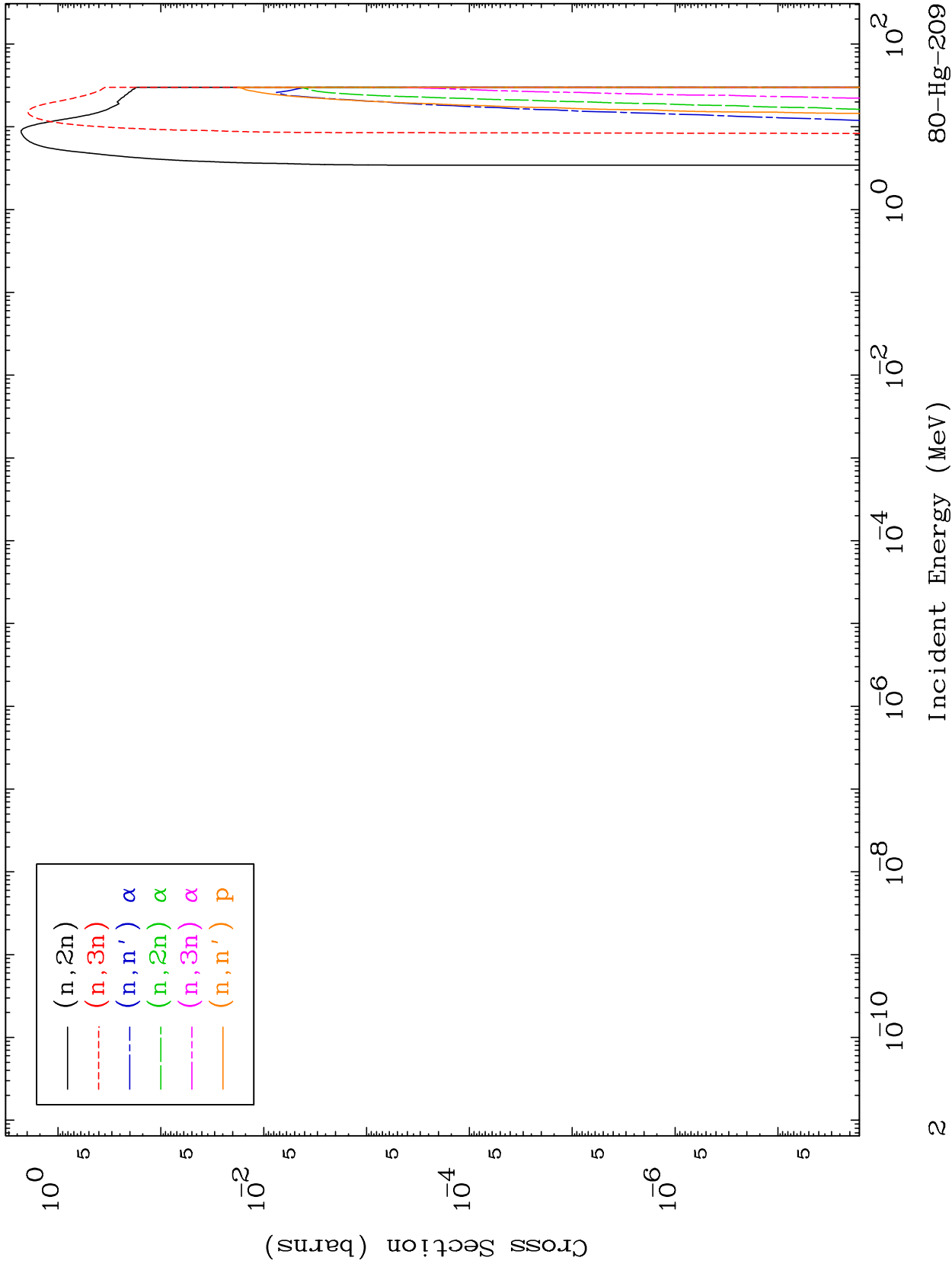
80-Hg-209



MAT 8064

Neutron Production
293 Kelvin Cross Sections

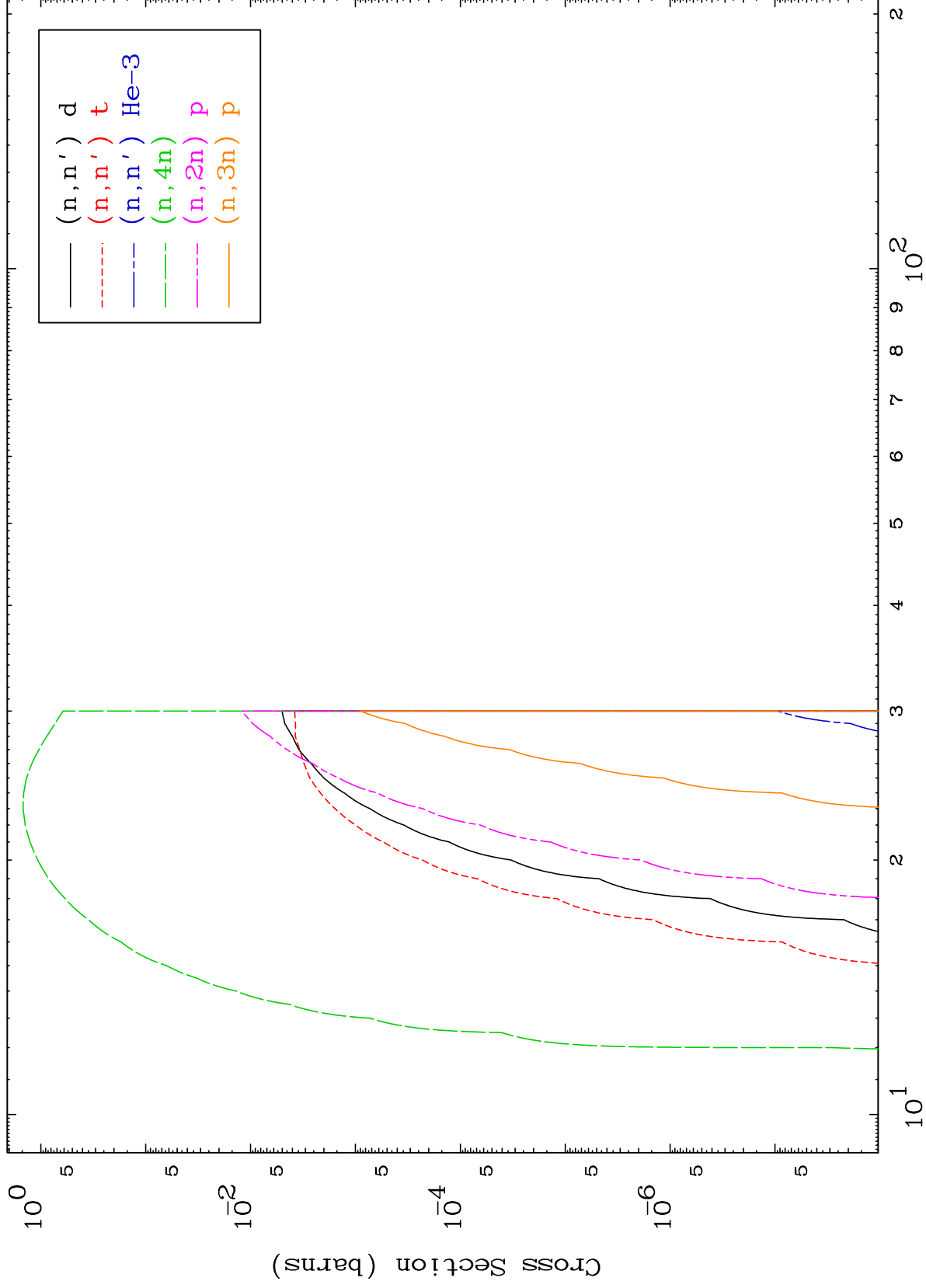
80-Hg-209



MAT 8064

Neutron Production
293 Kelvin Cross Sections

80-Hg-209



Incident Energy (MeV)

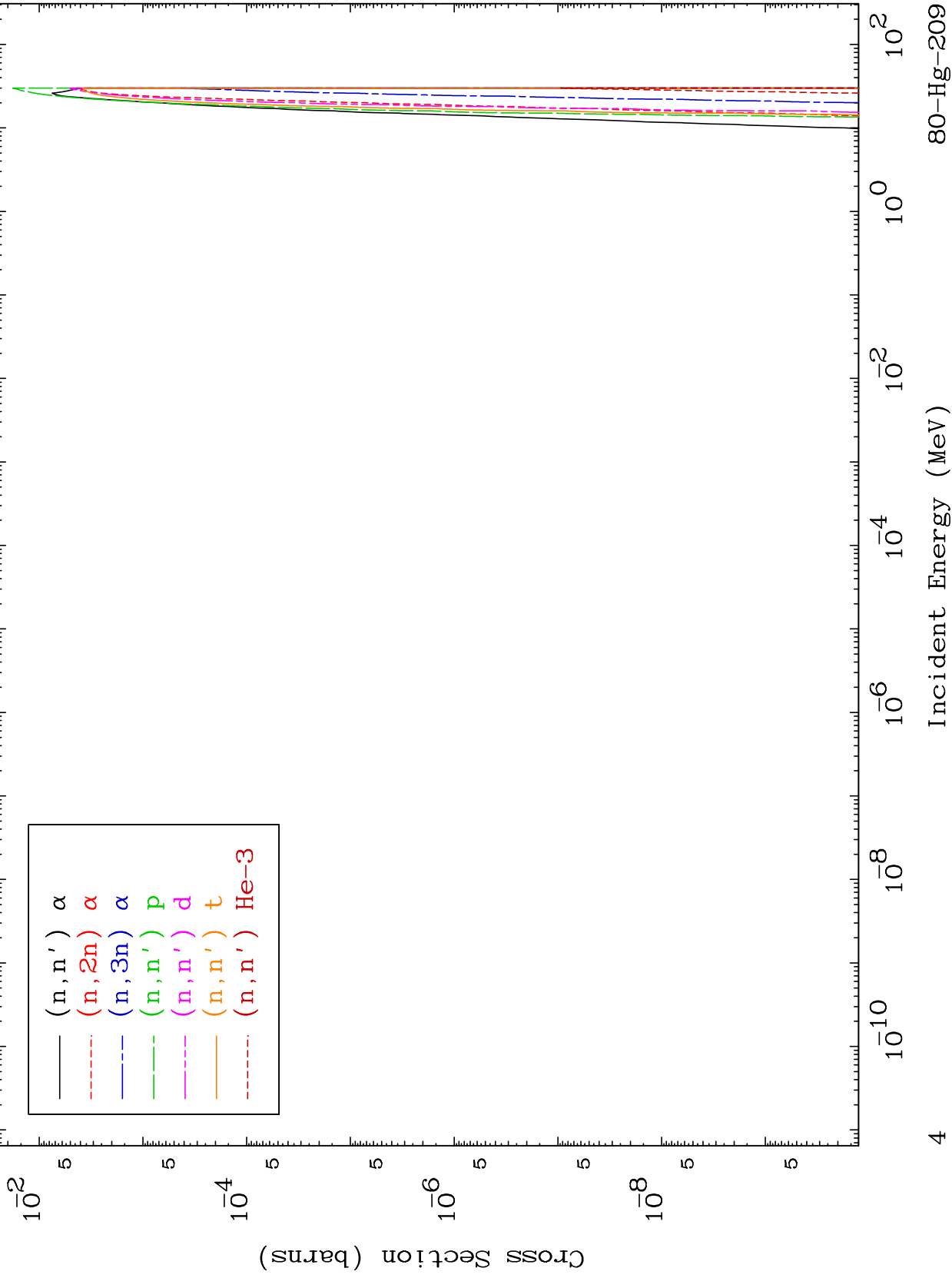
80-Hg-209

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Charged Particle
293 Kelvin Cross Sections

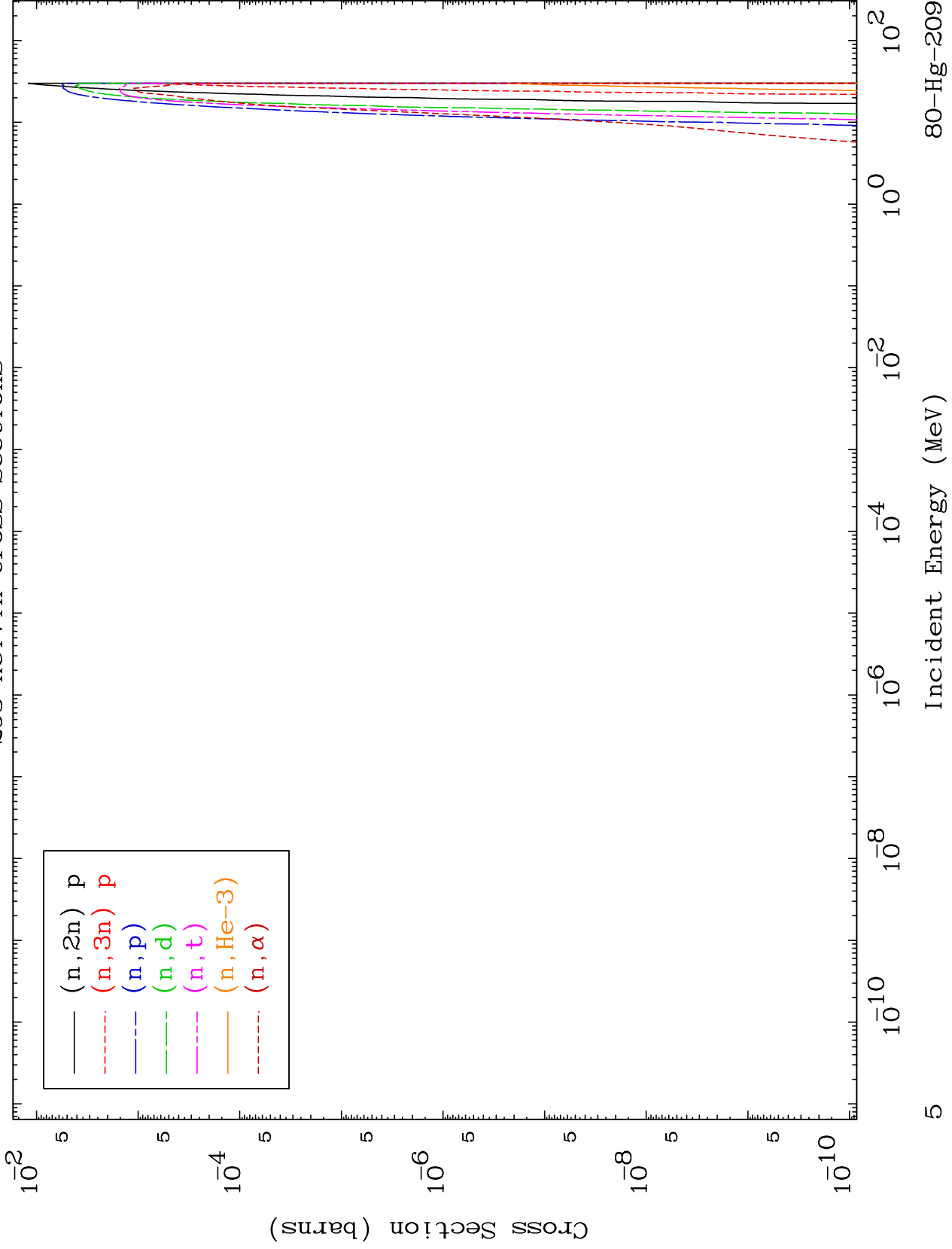
80-Hg-209



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Charged Particle
293 Kelvin Cross Sections

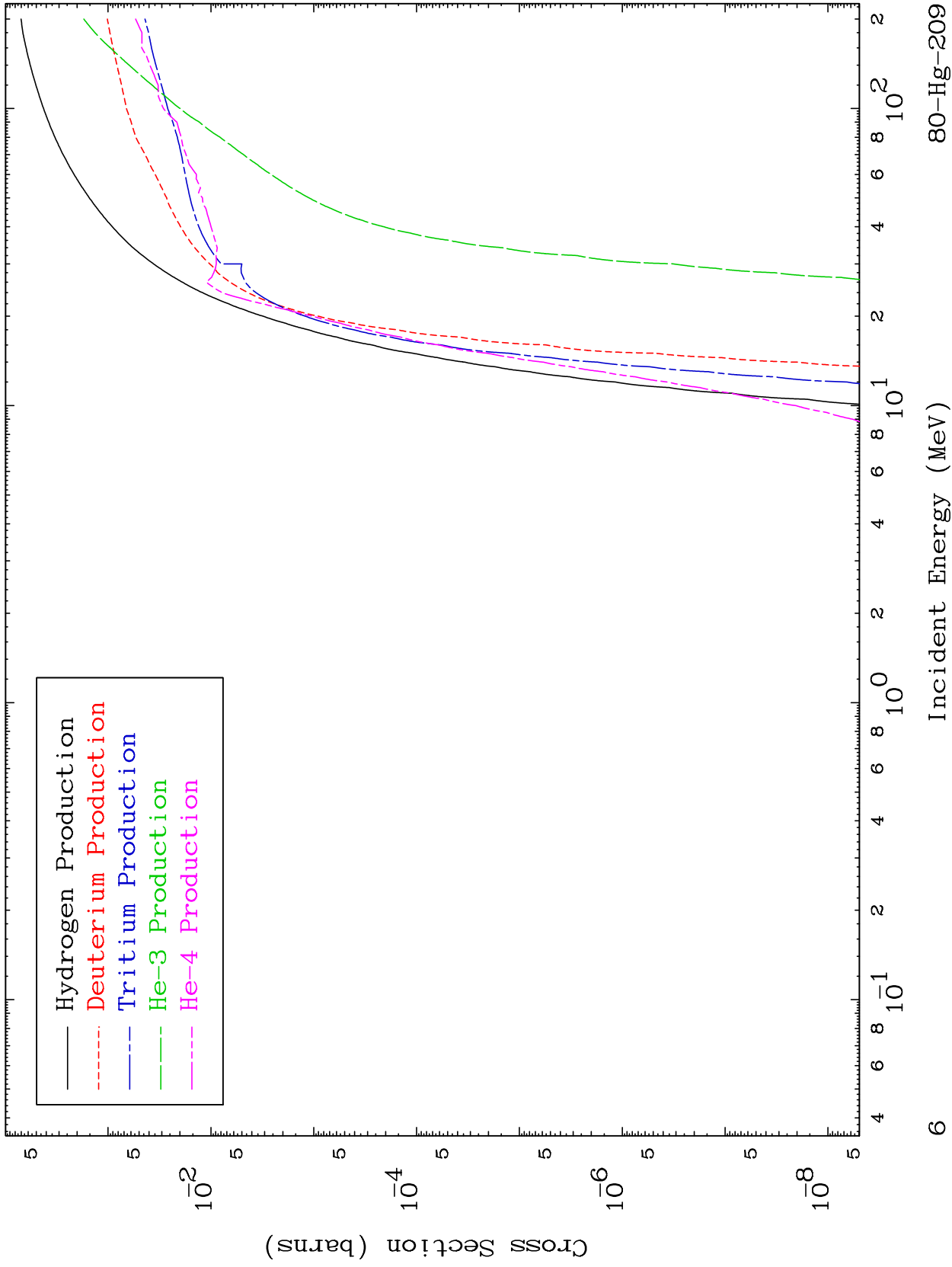
80-Hg-209



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Particle Production
293 Kelvin Cross Sections

80-Hg-209



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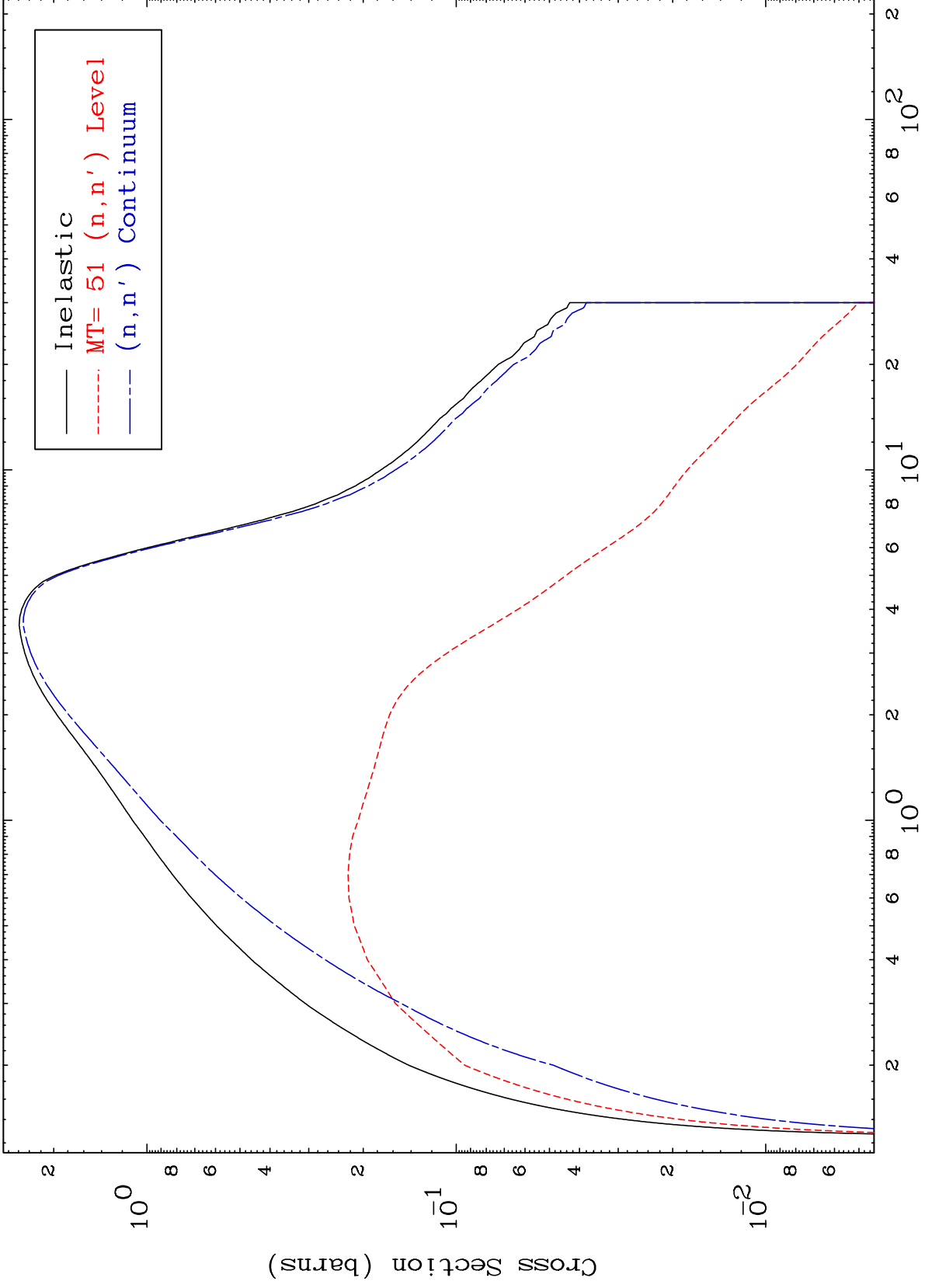
80-Hg-209

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(n,n') Level

80-Hg-209

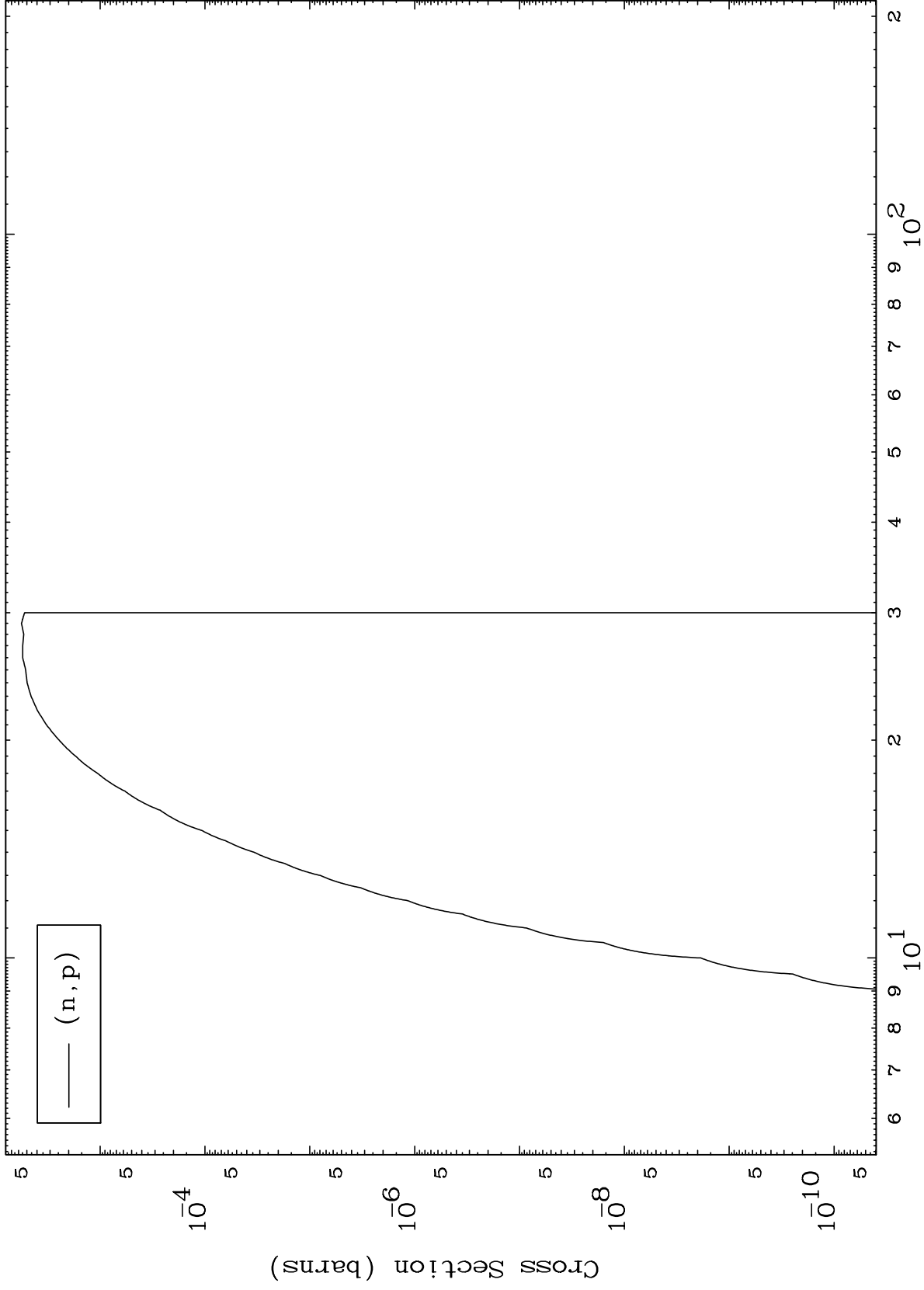
293 Kelvin Cross Sections



MAT 8064

(n,p) Levels
293 Kelvin Cross Sections

80-Hg-209



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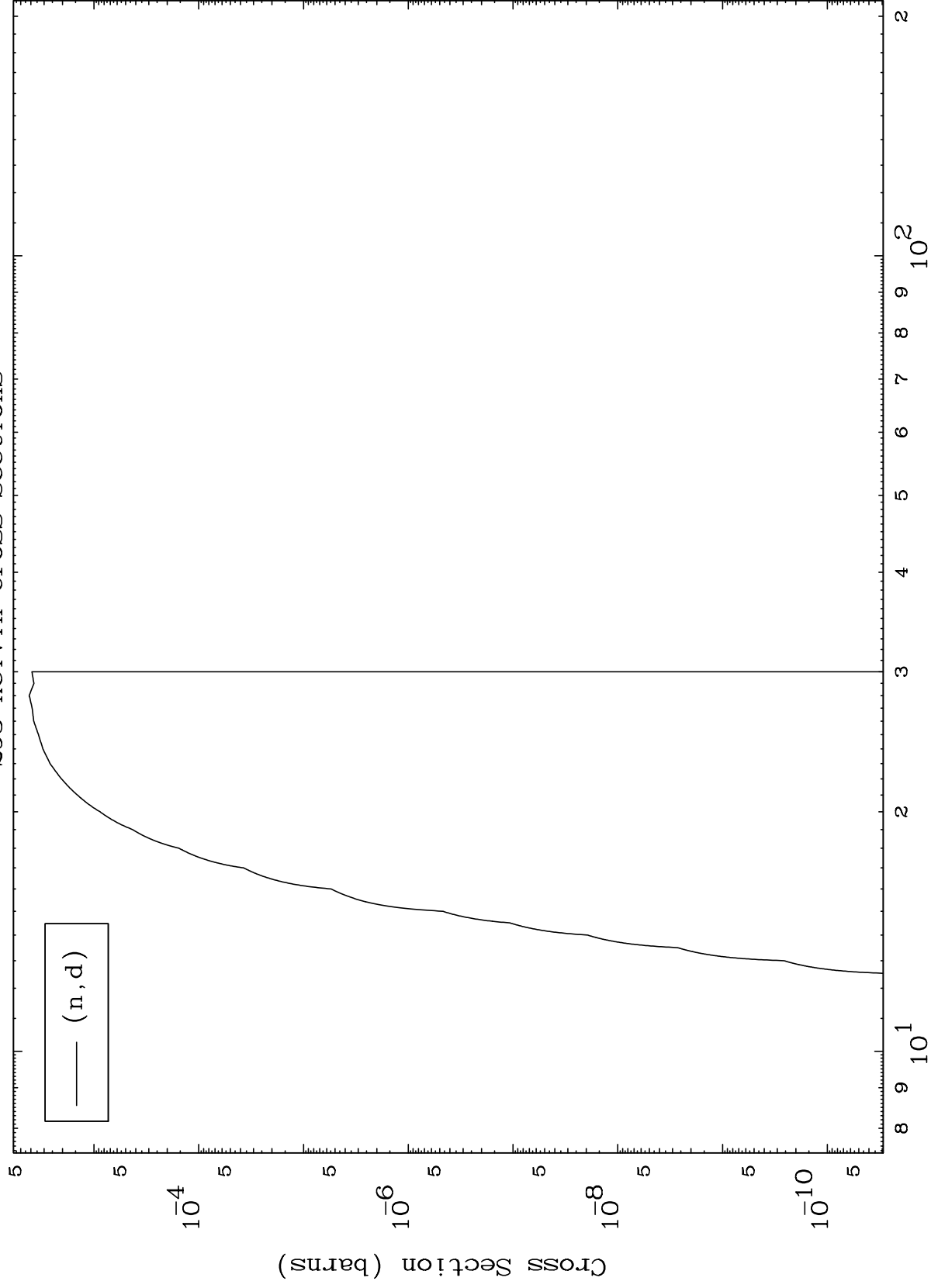
Incident Energy (MeV)

80-Hg-209

MAT 8064

(n,d) Levels
293 Kelvin Cross Sections

80-Hg-209



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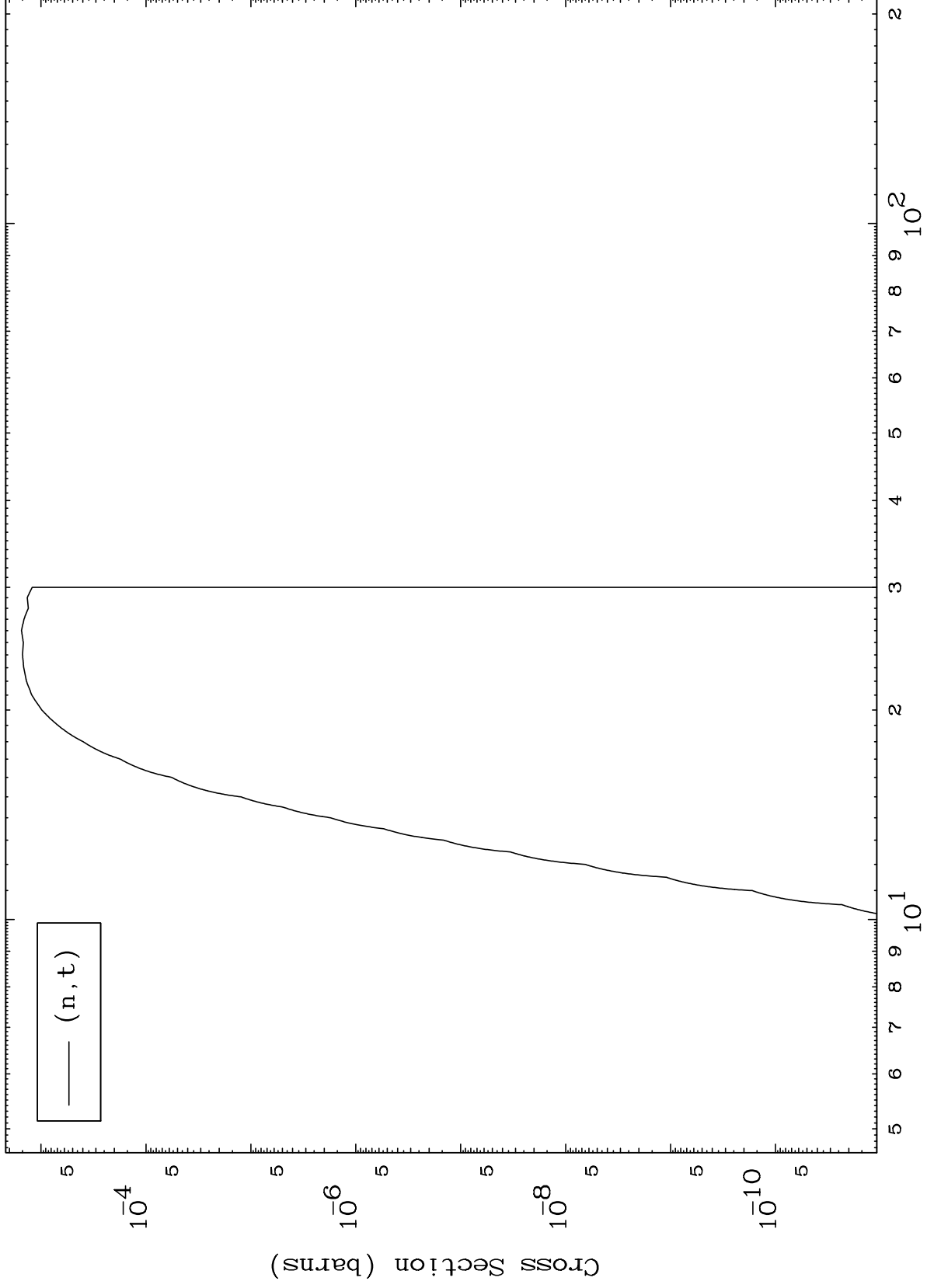
Incident Energy (MeV)

80-Hg-209

MAT 8064

(n,t) Levels
293 Kelvin Cross Sections

80-Hg-209



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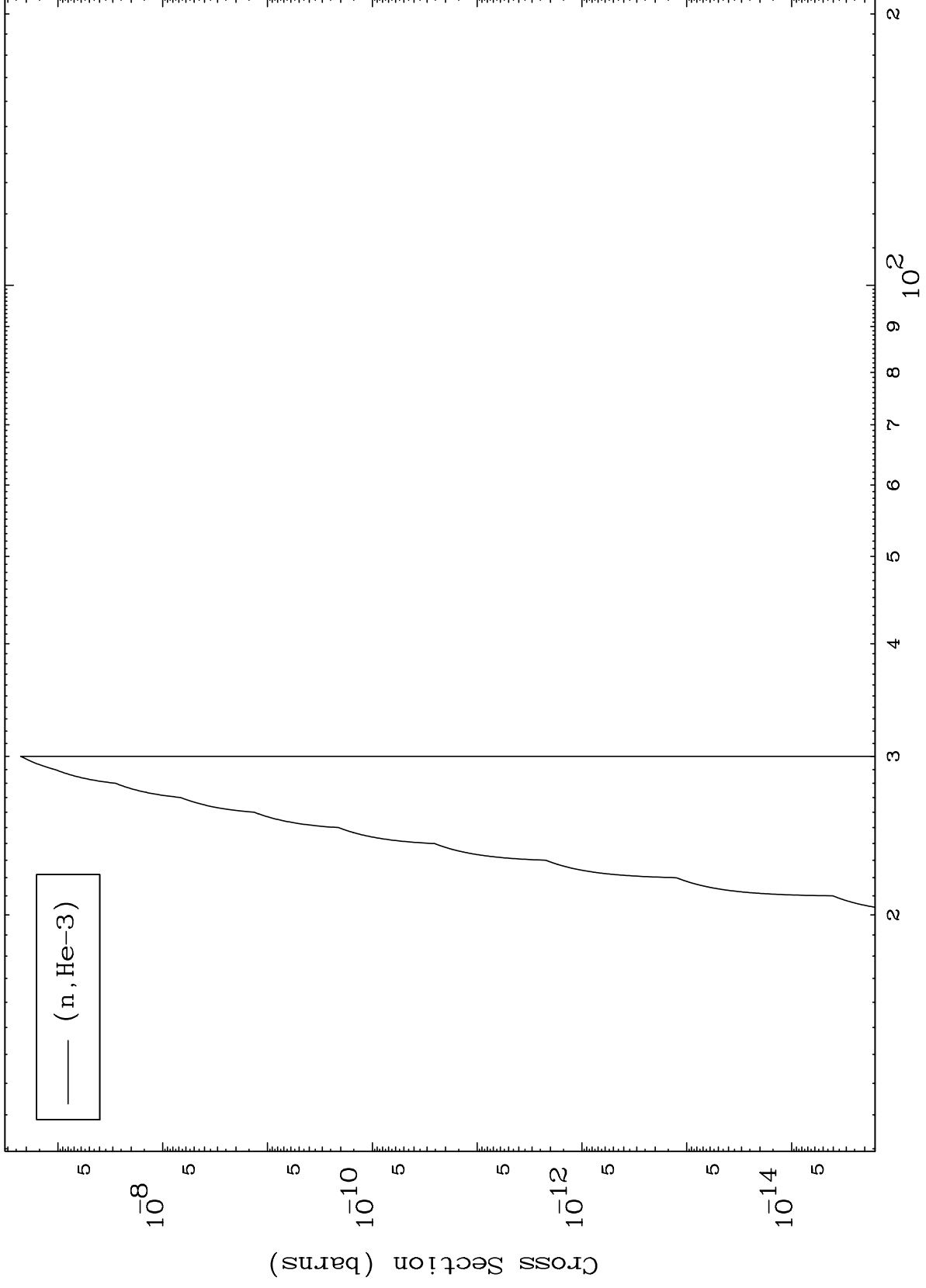
Incident Energy (MeV)

80-Hg-209

MAT 8064

(n,He3) Levels
293 Kelvin Cross Sections

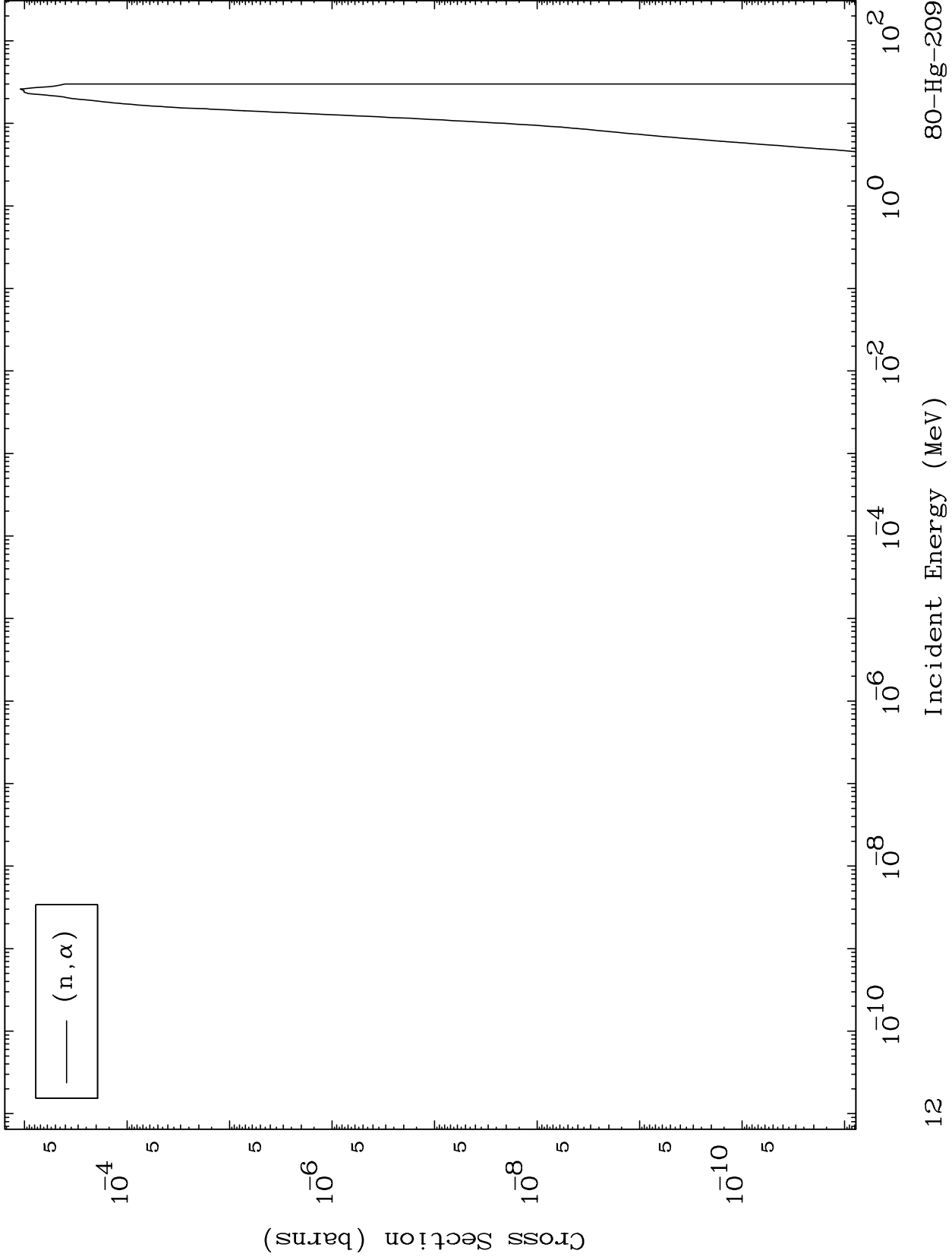
80-Hg-209

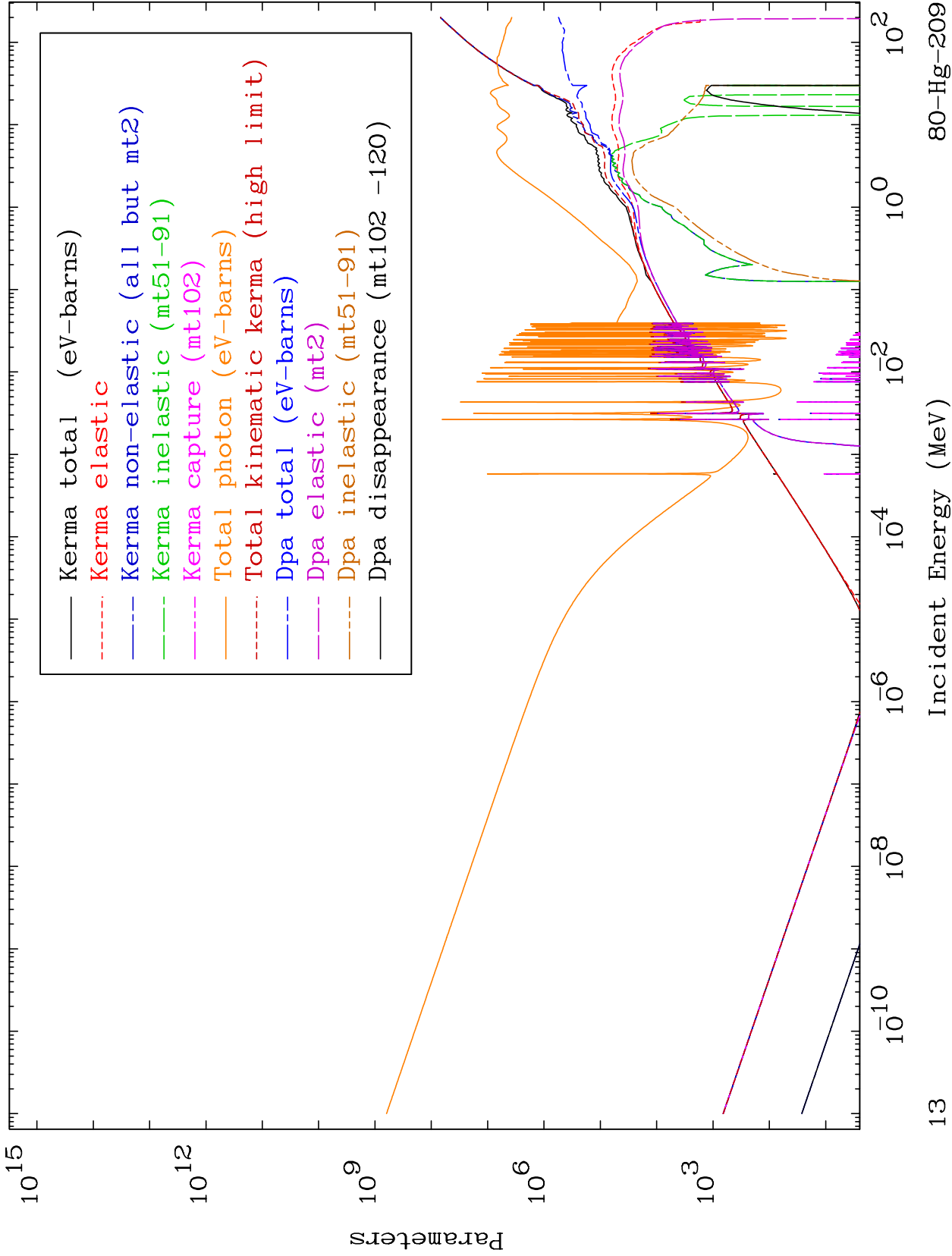


MAT 8064

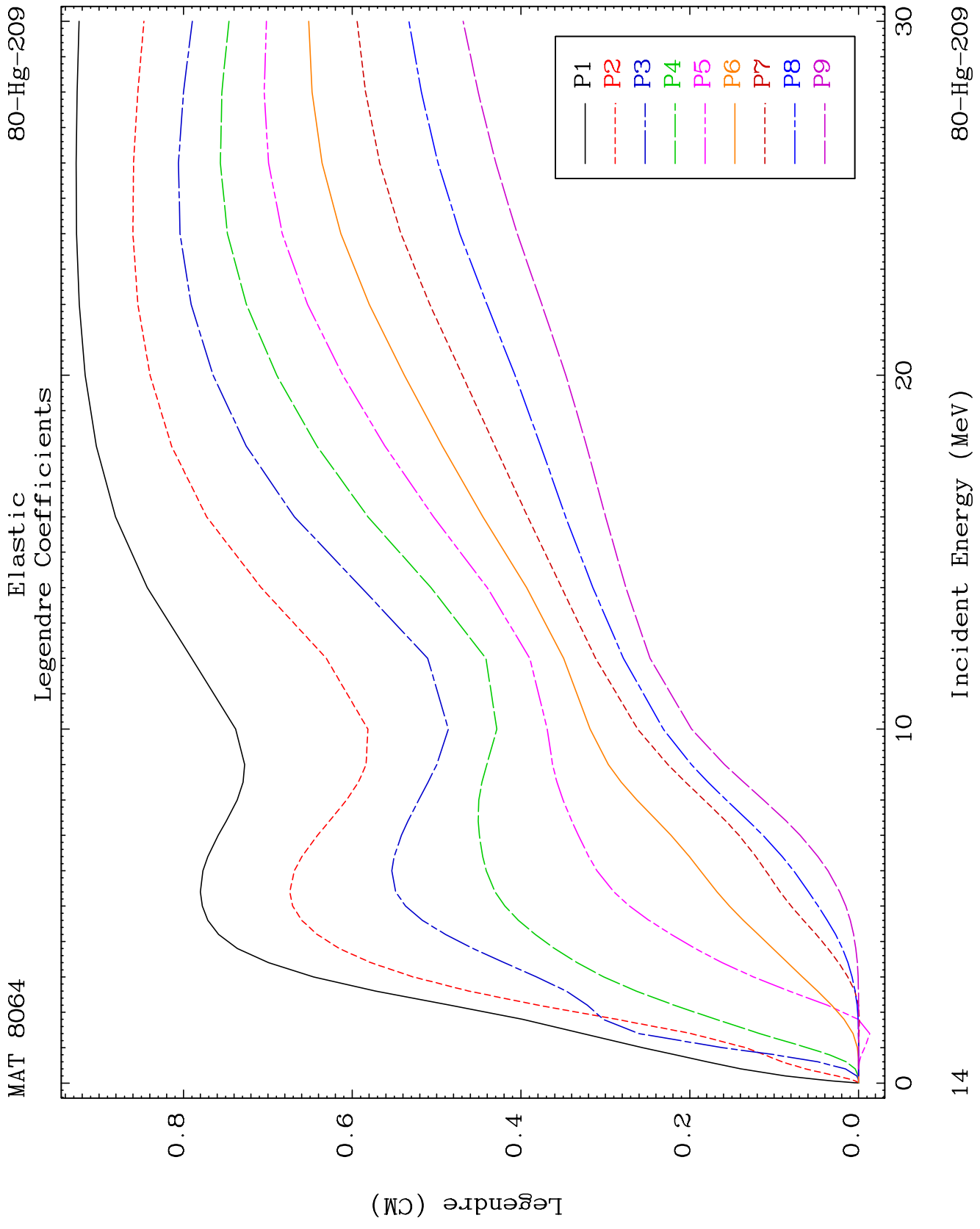
(n, α) Levels
293 Kelvin Cross Sections

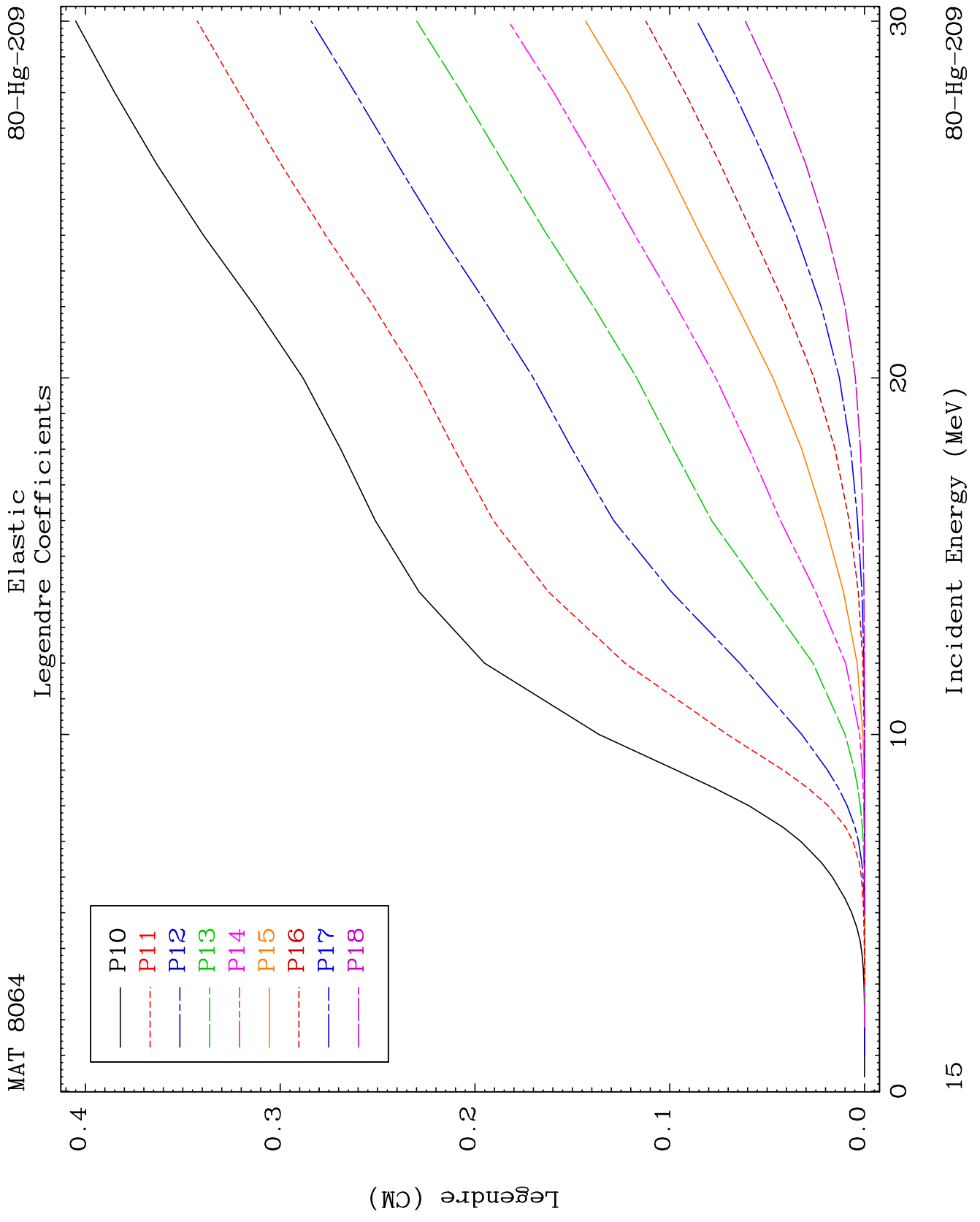
80-Hg-209





- Kerma total (eV-barns)
- - - Kerma elastic
- - - Kerma non-elastic (all but mt2)
- - - Kerma inelastic (mt51-91)
- - - Kerma capture (mt102)
- Total photon (eV-barns)
- - - Total kinematic kerma (high limit)
- - - Dpa total (eV-barns)
- - - Dpa elastic (mt2)
- - - Dpa inelastic (mt51-91)
- Dpa disappearance (mt102 -120)

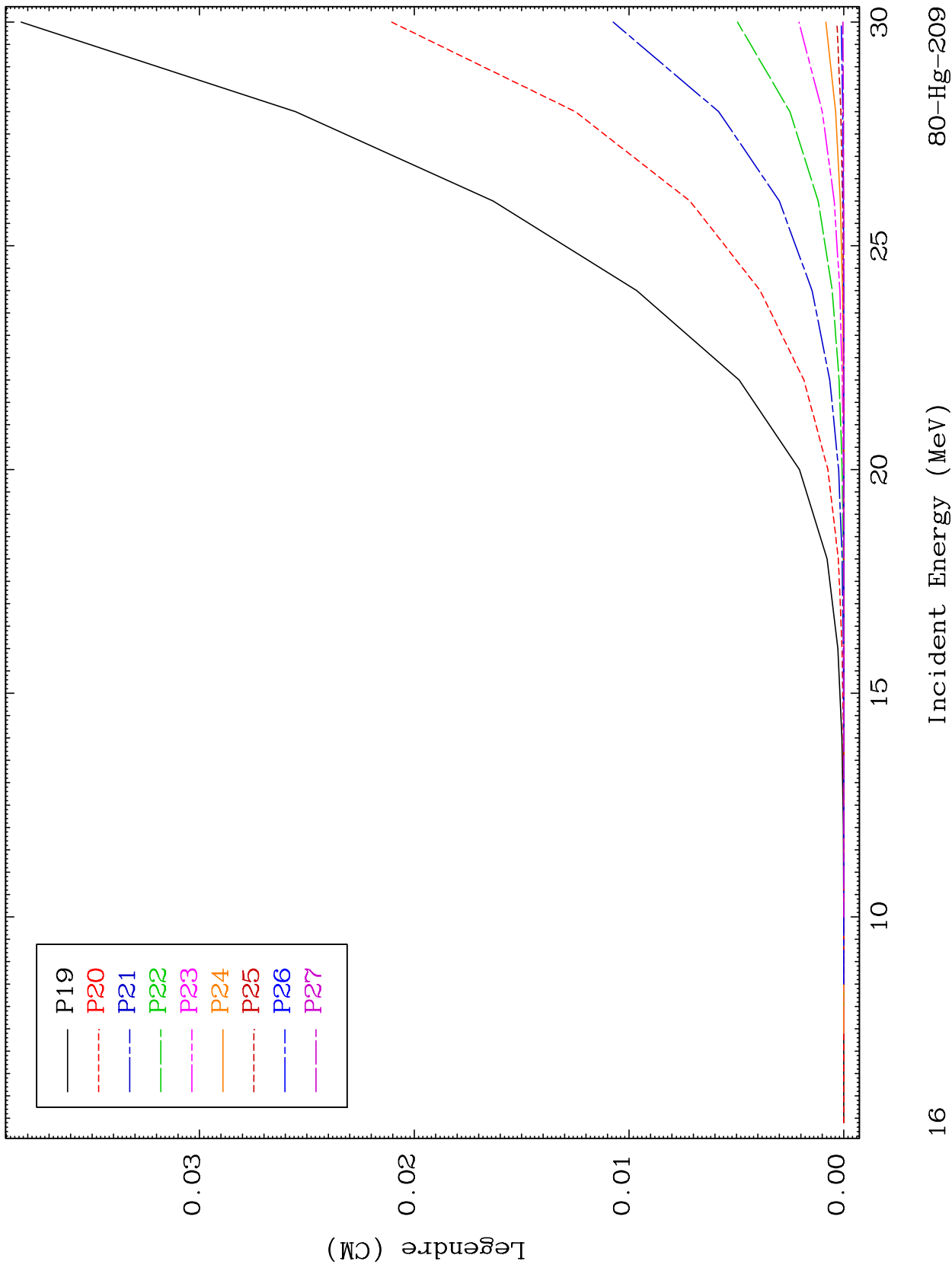




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Elastic Legendre Coefficients

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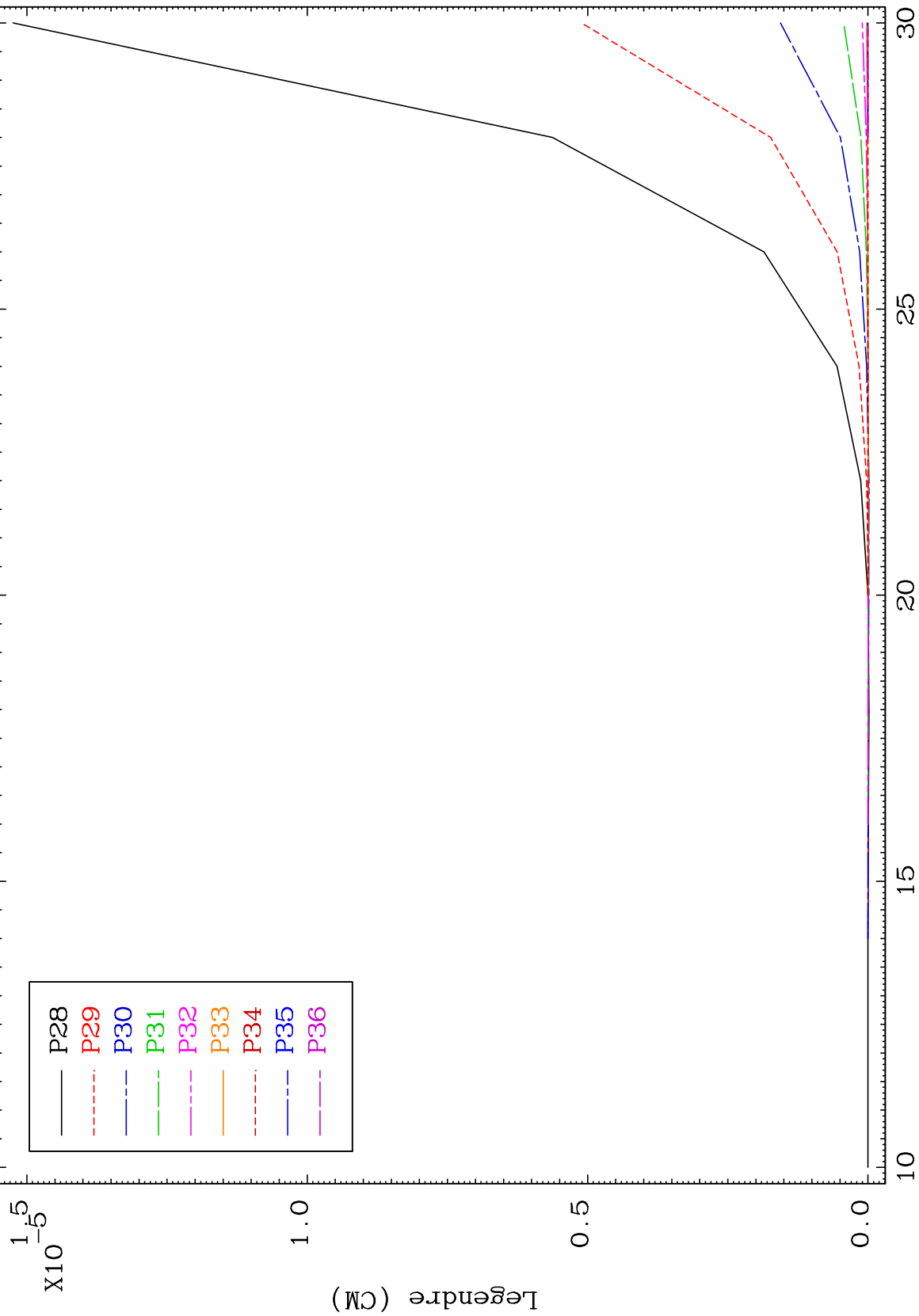
Incident Energy (MeV)

80-Hg-209

MAT 8064

Elastic Legendre Coefficients

80-Hg-209



80-Hg-209

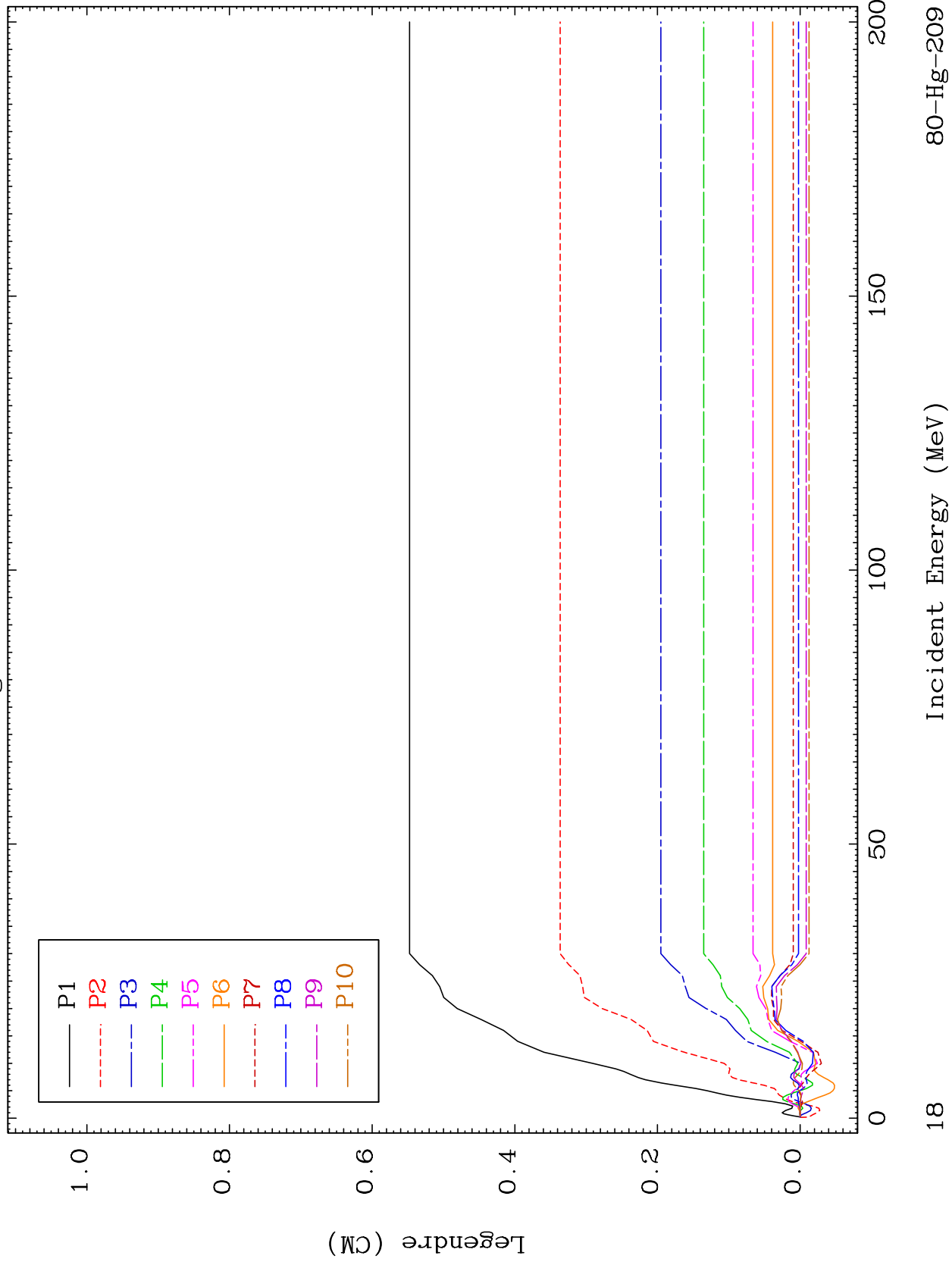
Incident Energy (MeV)

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MT= 51 (n,n') Level
Legendre Coefficients

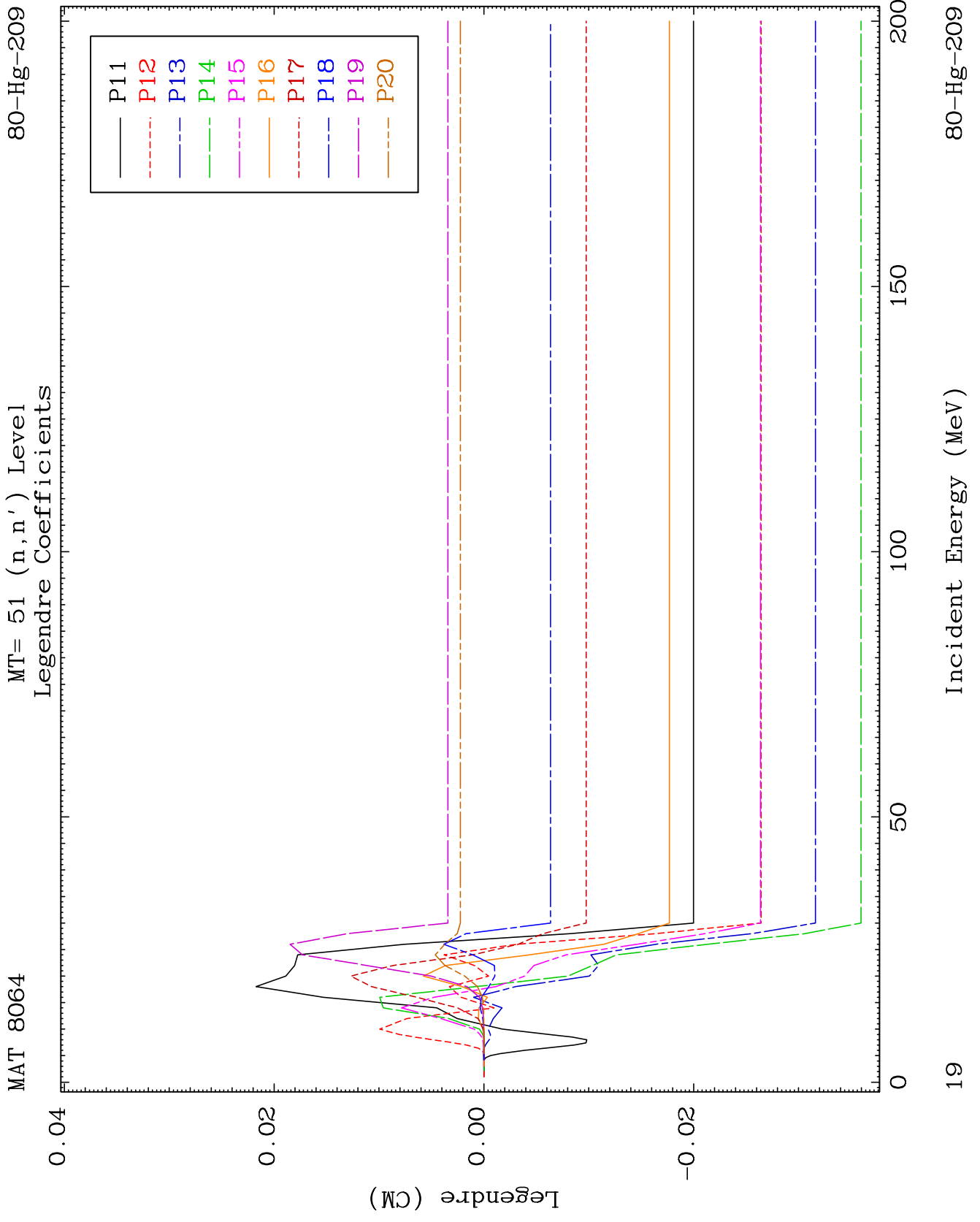
80-Hg-209



80-Hg-209

Incident Energy (MeV)

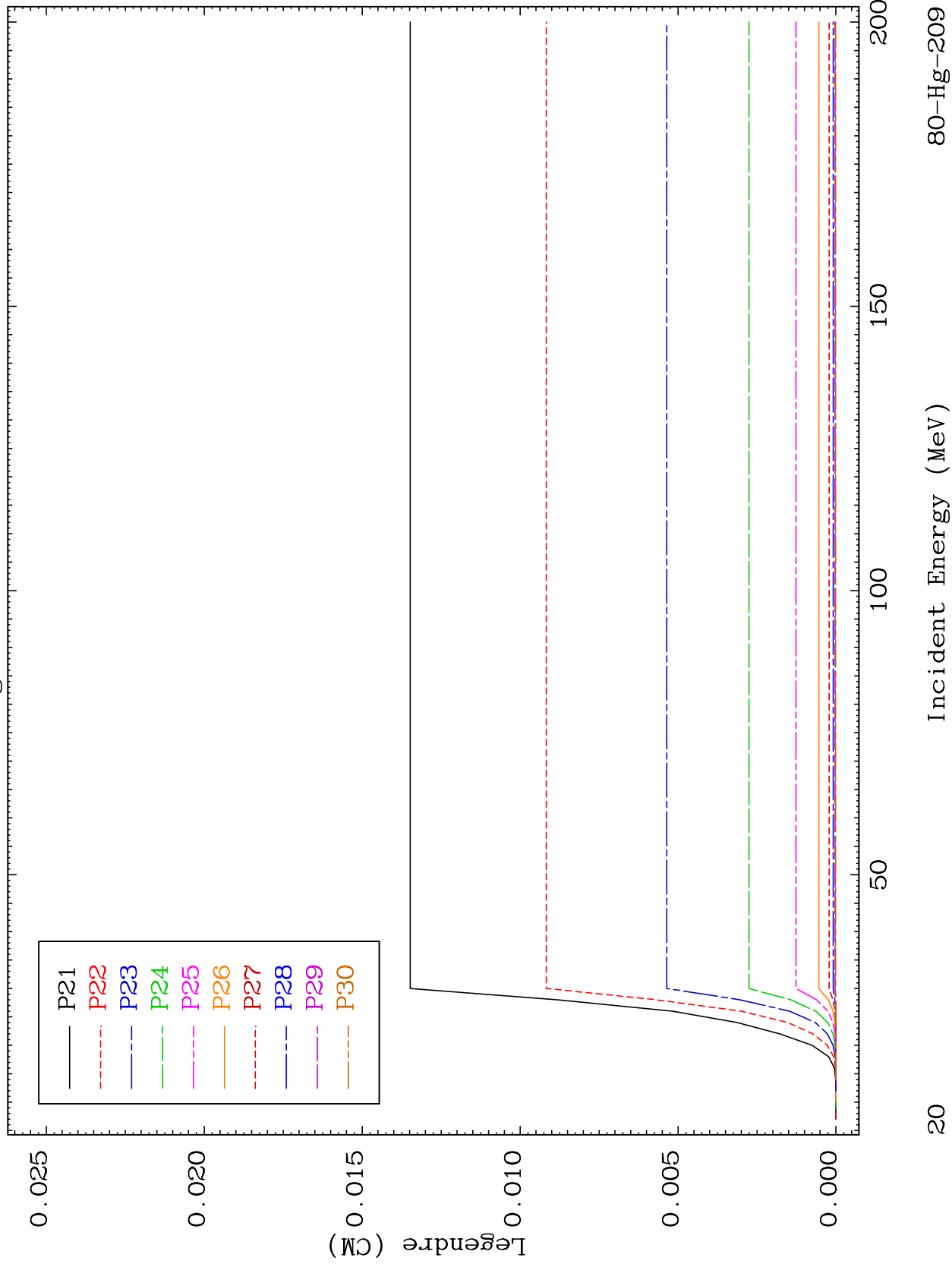
18



MAT 8064

MT= 51 (n,n') Level
Legendre Coefficients

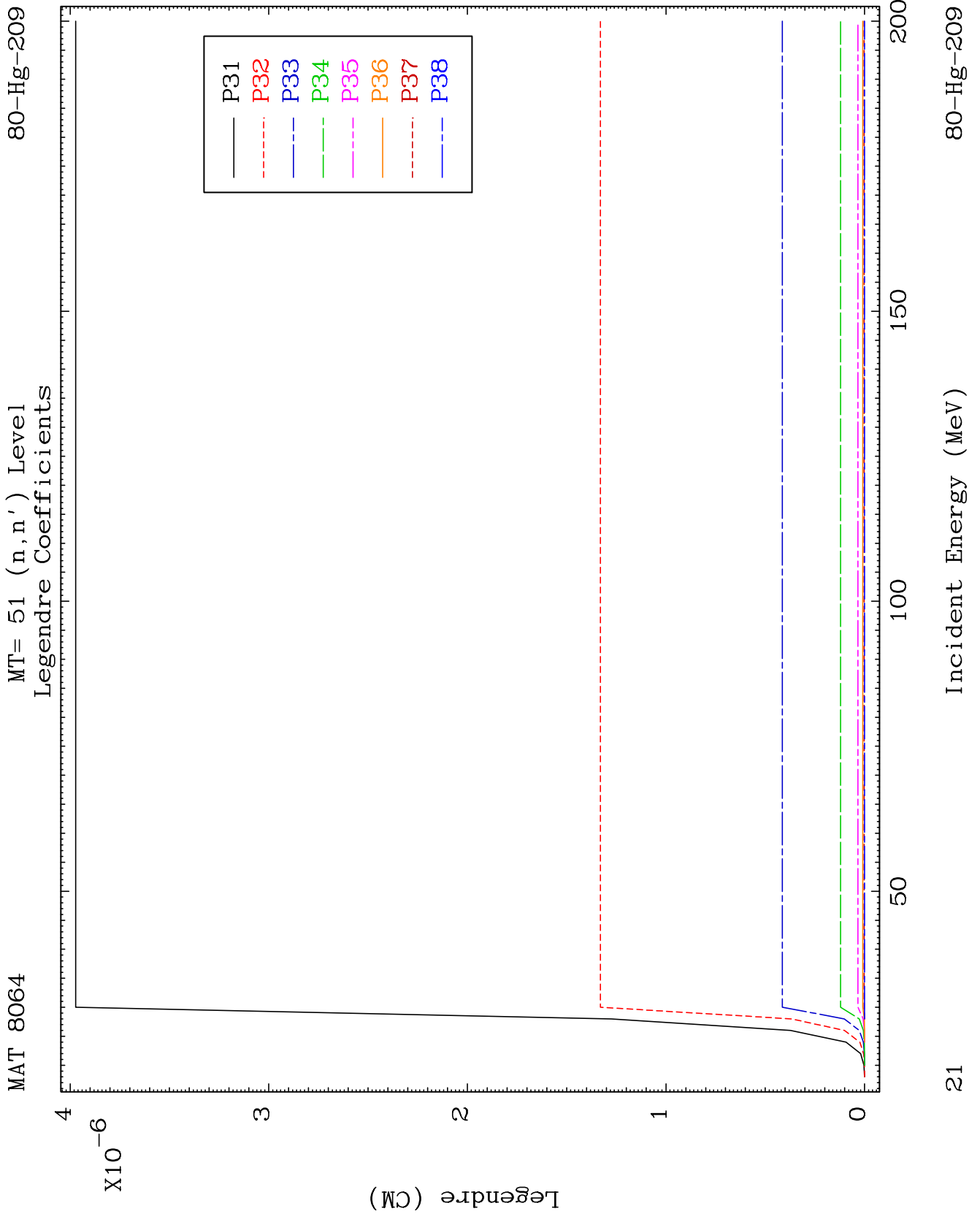
80-Hg-209



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Incident Energy (MeV)

80-Hg-209



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Fission

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Radionuclide Production Cross Section

