

Program EVALPLOT
(Version 2021-1)

by

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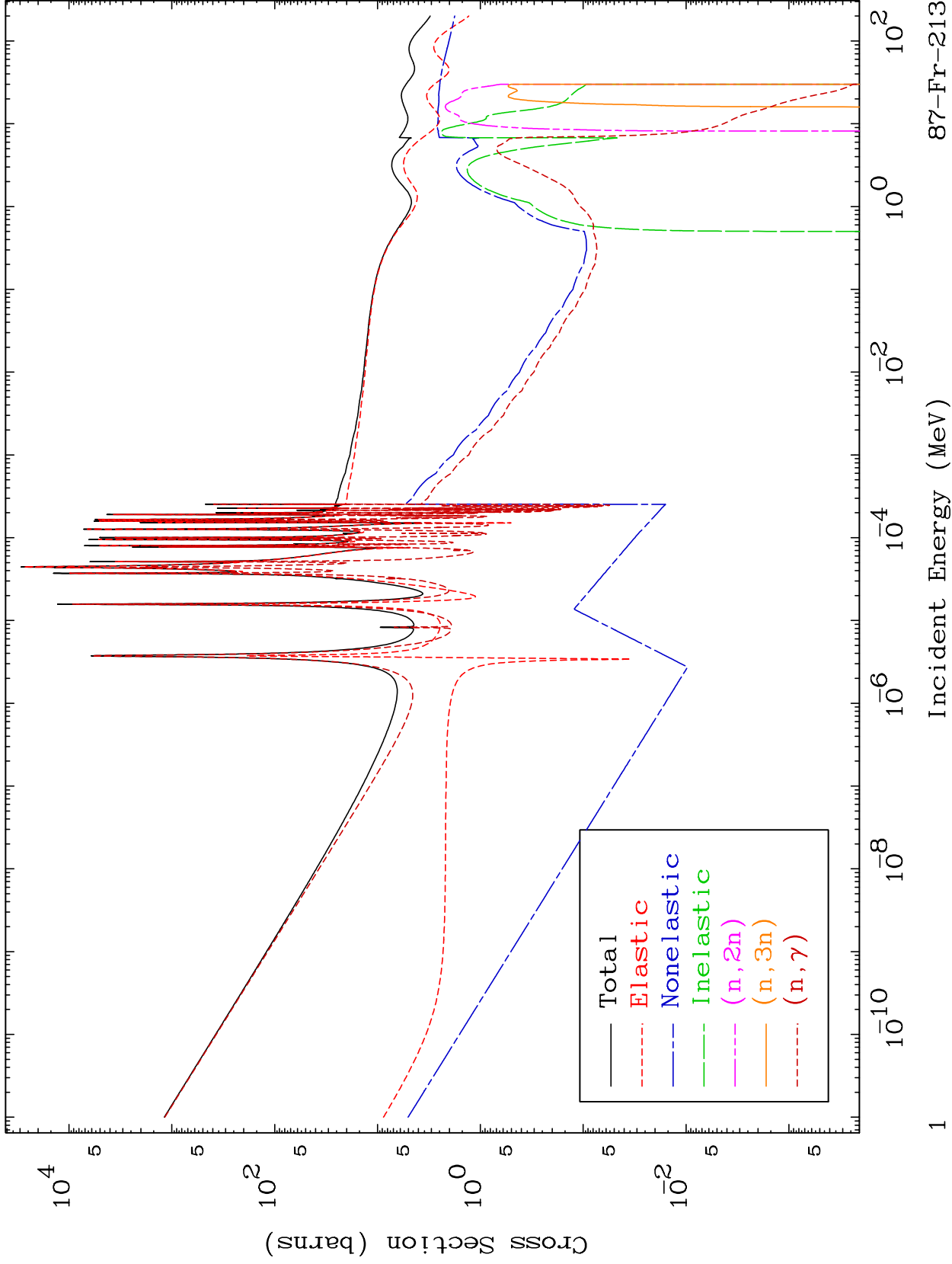
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8728

Neutron Major
293 Kelvin Cross Sections

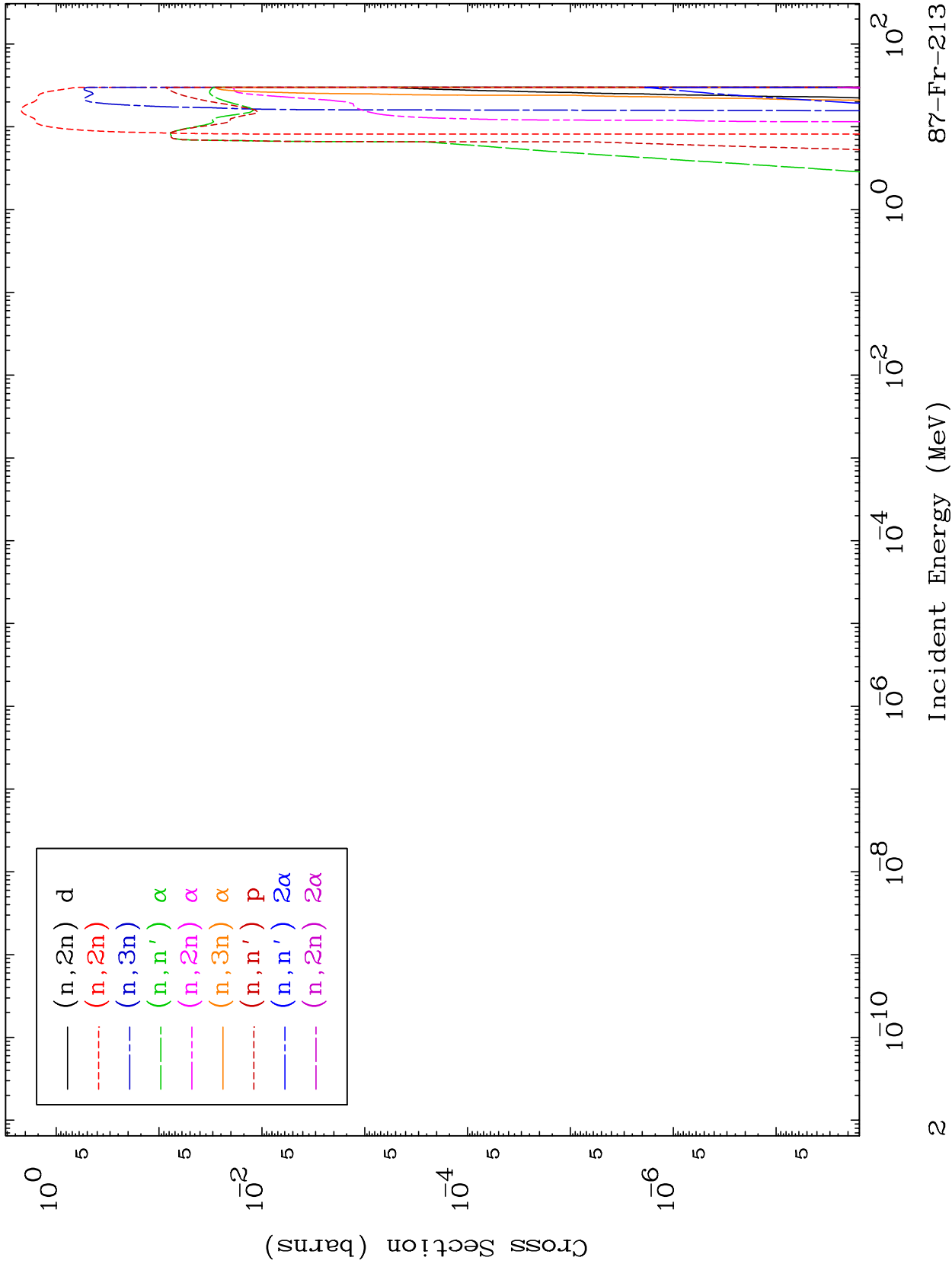
87-Fr-213



MAT 8728

Neutron Absorption
293 Kelvin Cross Sections

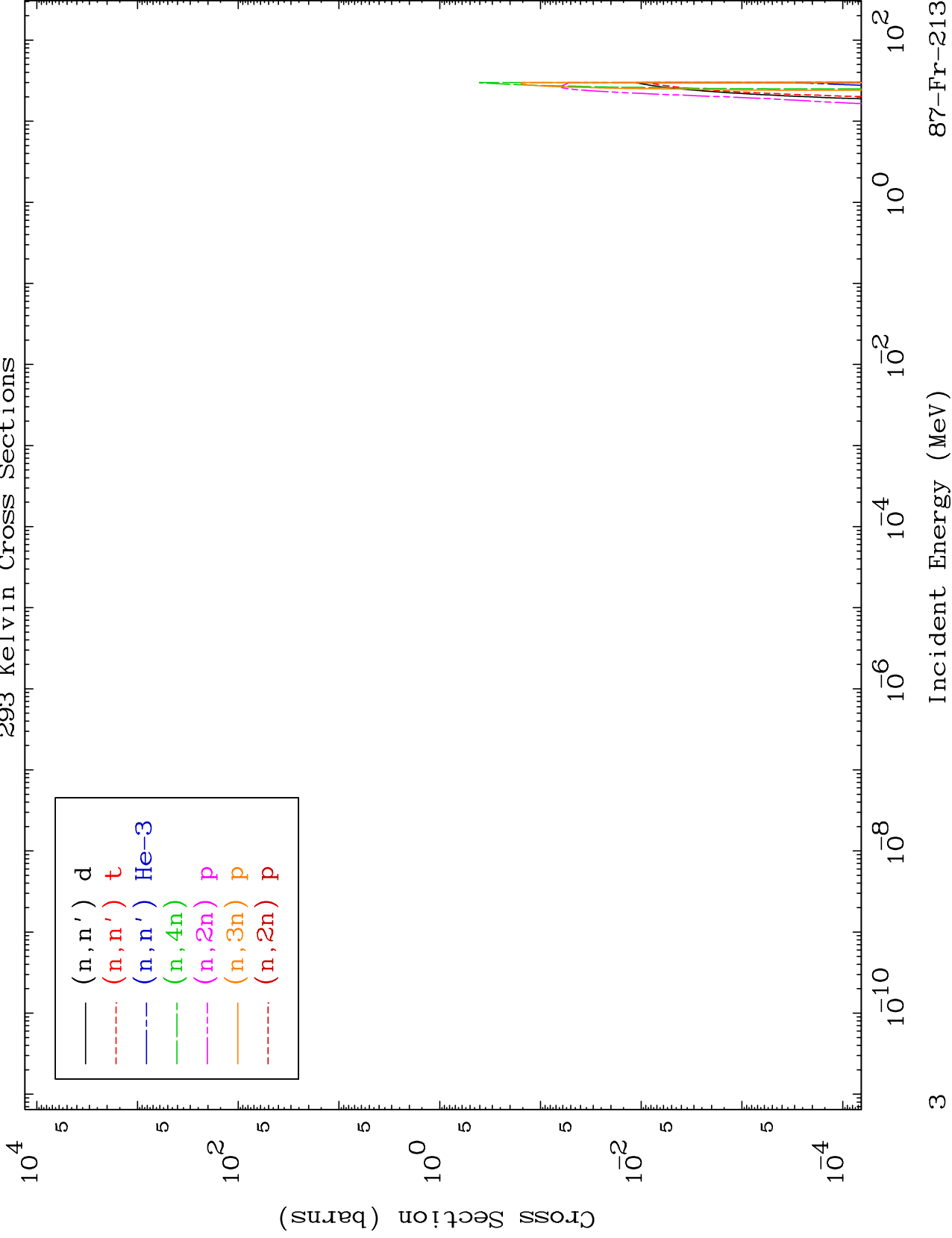
87-Fr-213



MAT 8728

Neutron Absorption
293 Kelvin Cross Sections

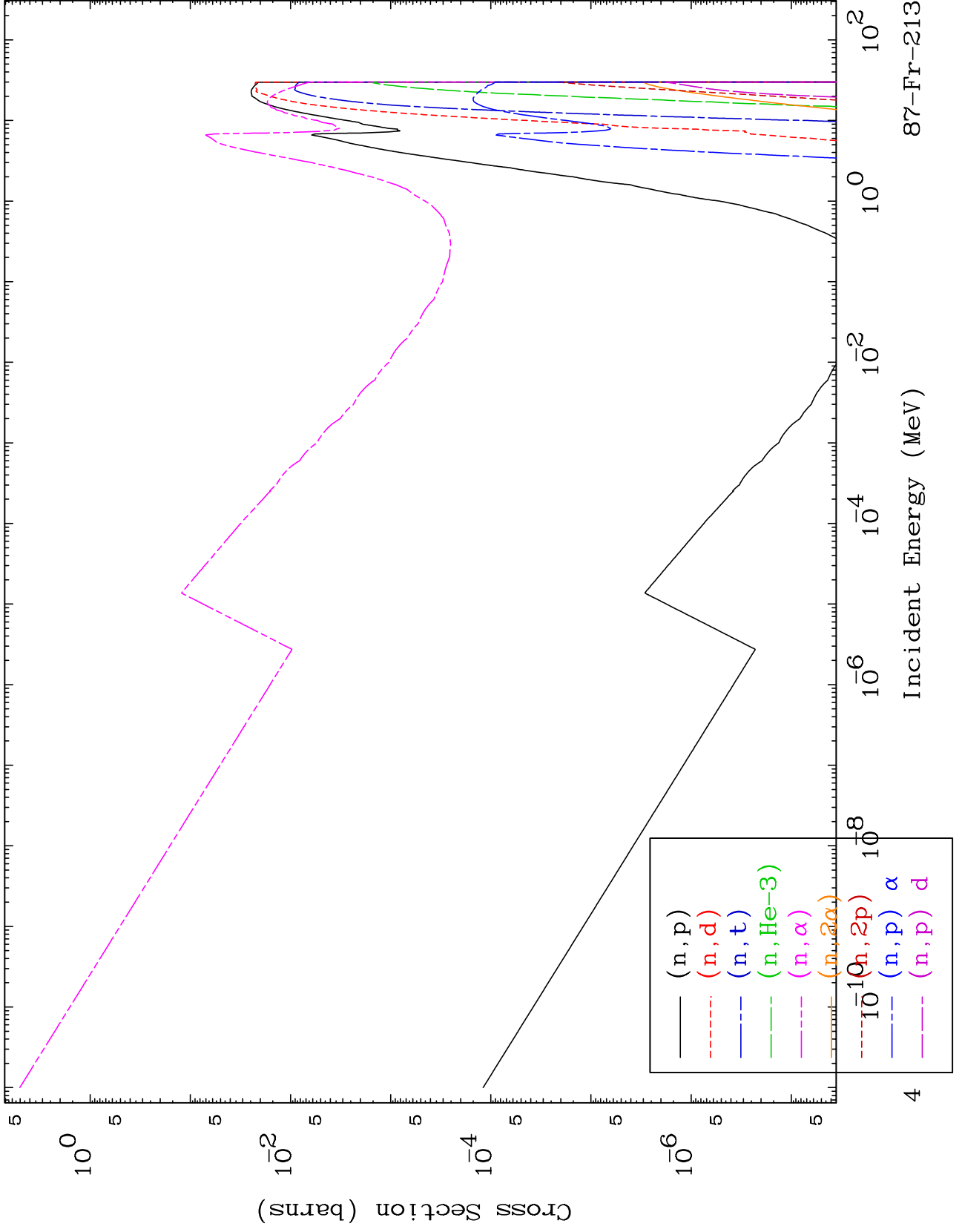
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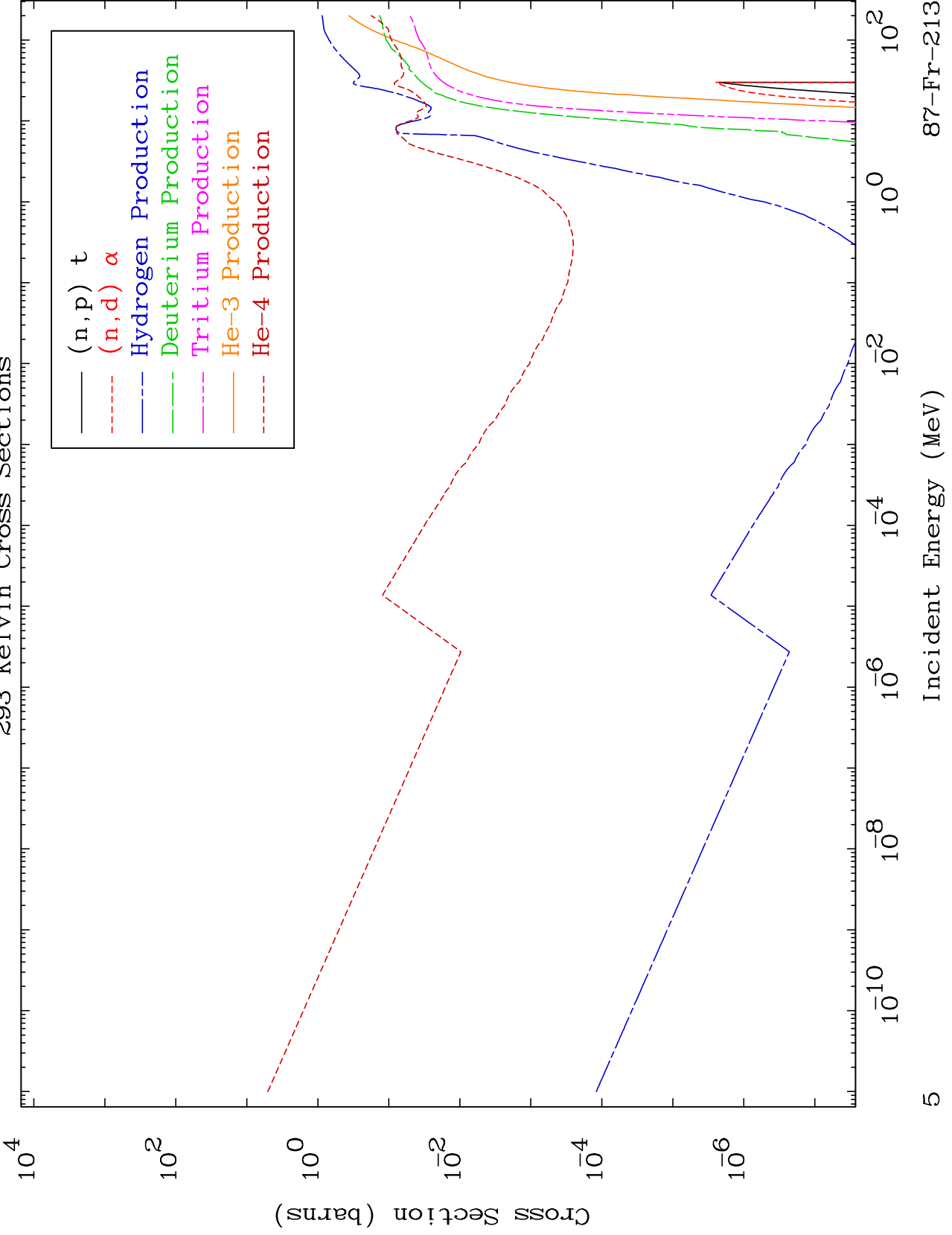


MAT 8728

Neutron Absorption
293 Kelvin Cross Sections

87-Fr-213

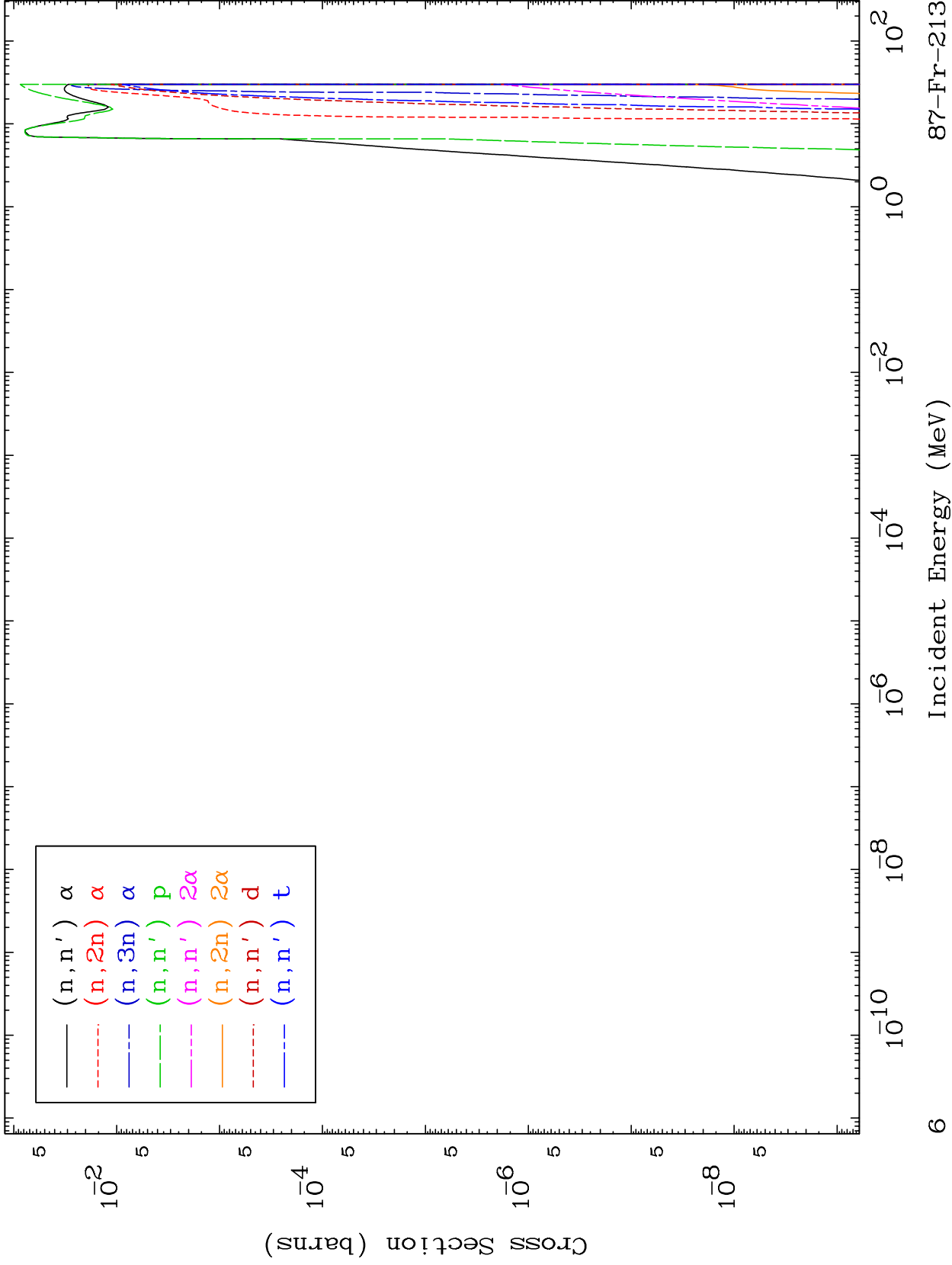




MAT 8728

Charged Particle
293 Kelvin Cross Sections

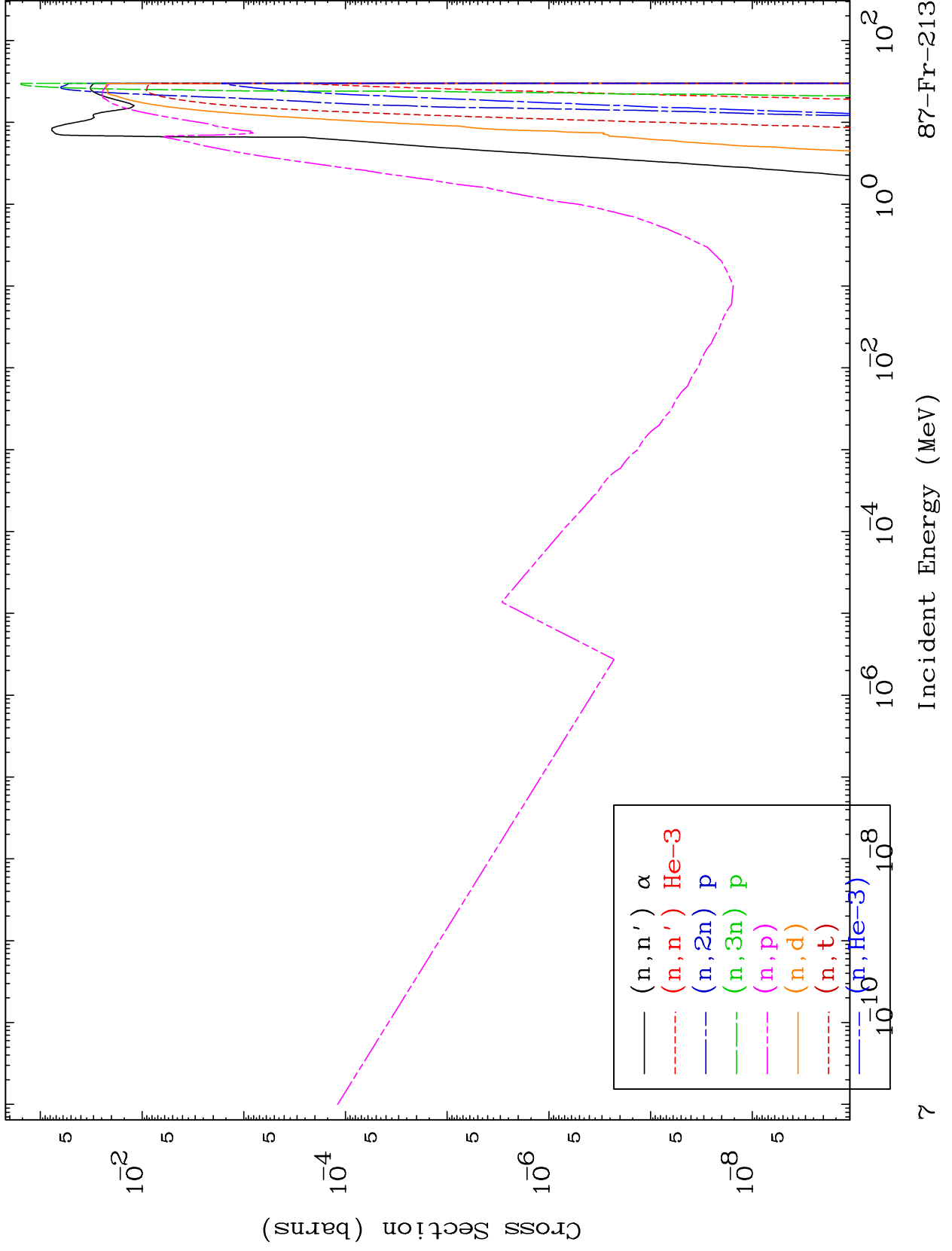
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MAT 8728

Charged Particle
293 Kelvin Cross Sections

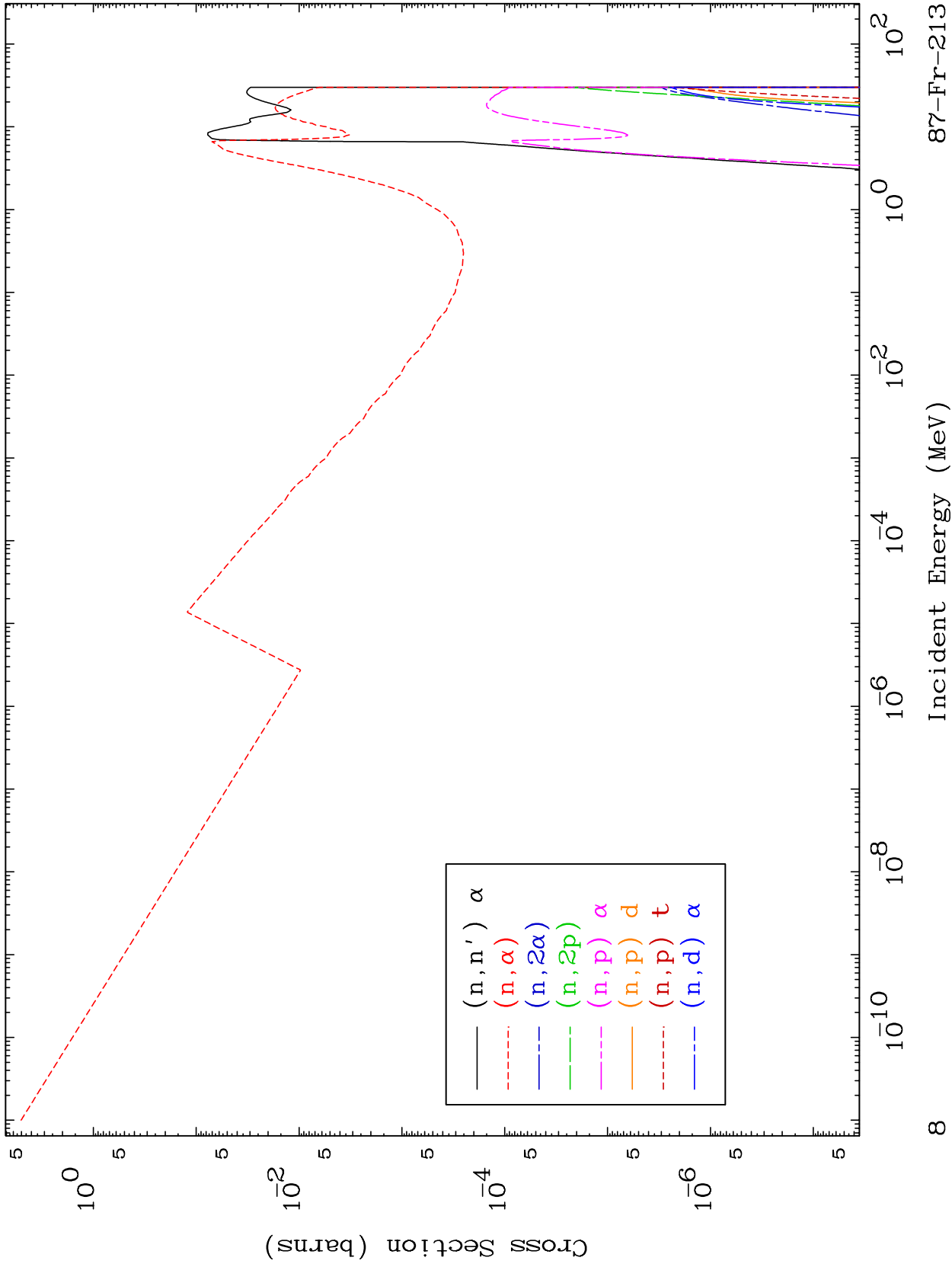
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MAT 8728

Charged Particle
293 Kelvin Cross Sections

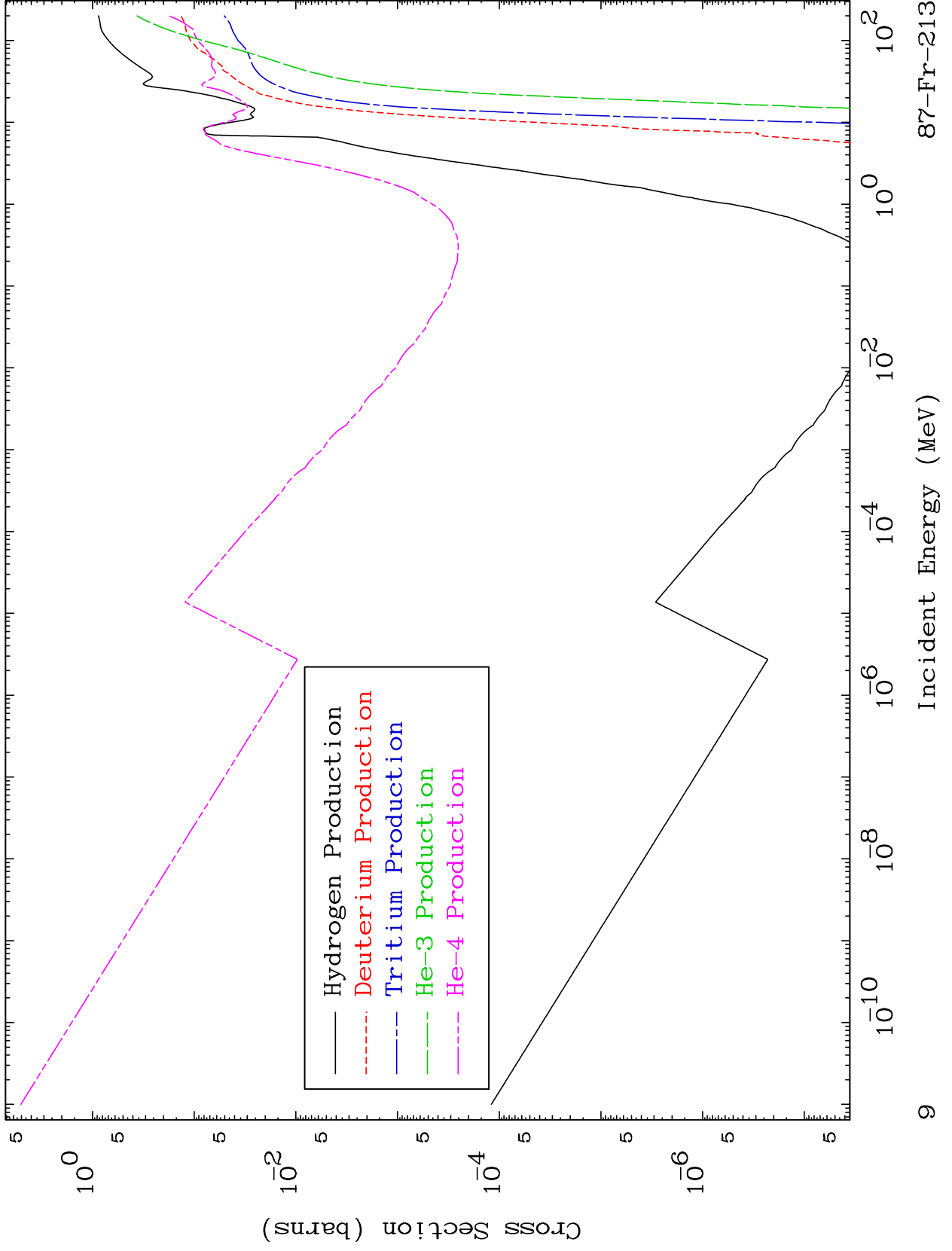
87-Fr-213



MAT 8728

Particle Production
293 Kelvin Cross Sections

87-Fr-213

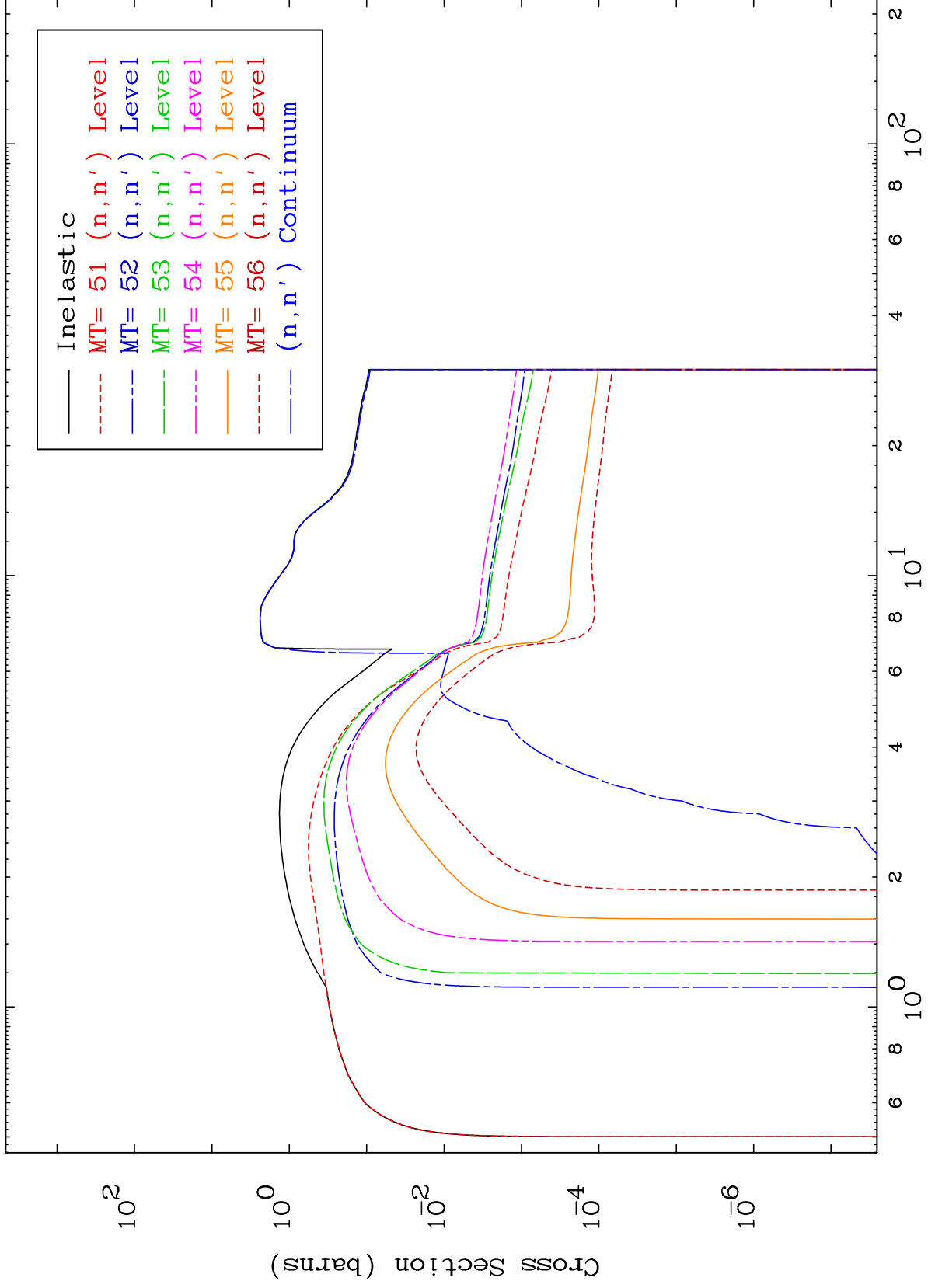


MAT 8728

(n,n') Levels

87-Fr-213

293 Kelvin Cross Sections



10

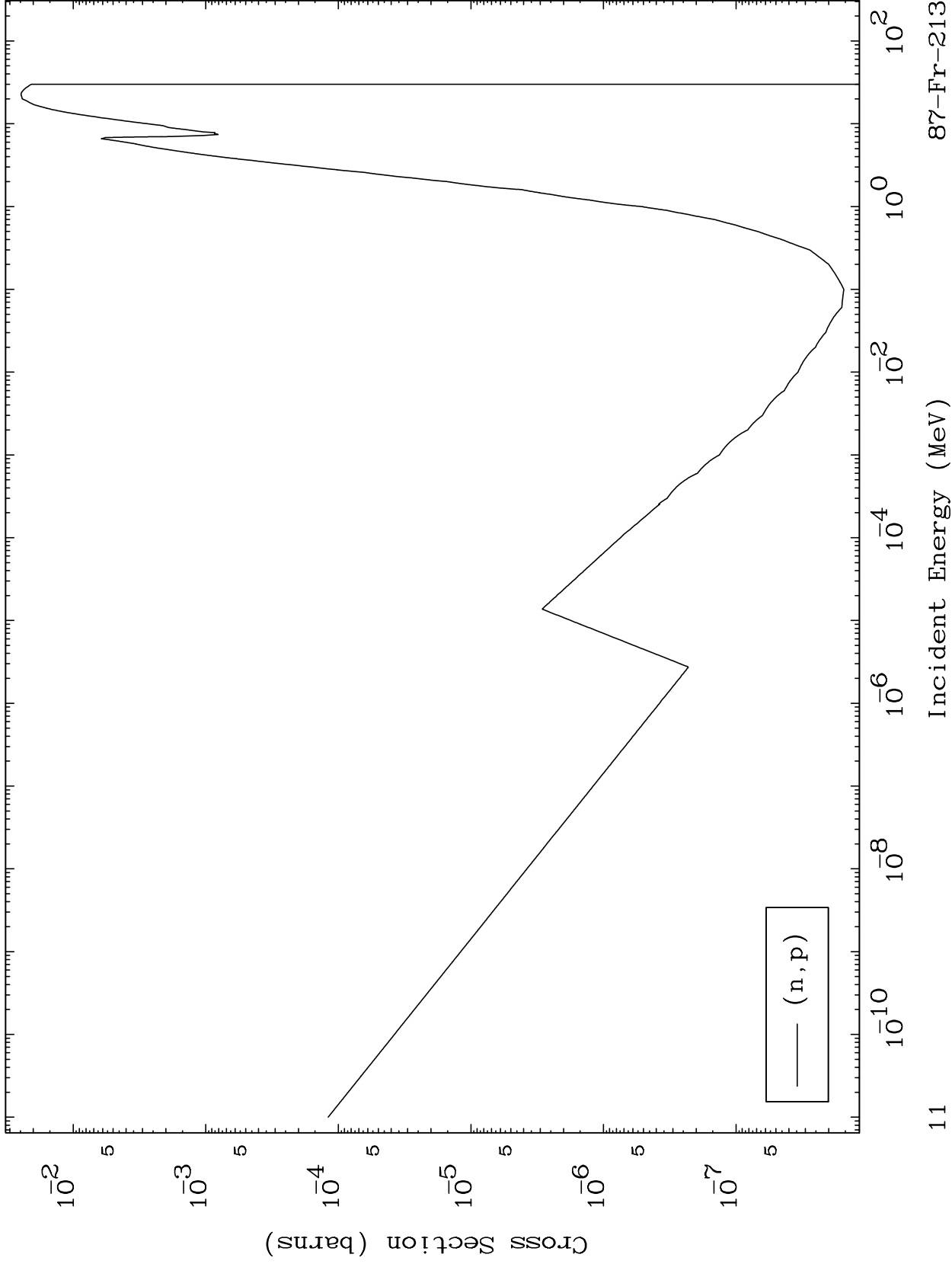
Incident Energy (MeV)

87-Fr-213

MAT 8728

(n,p) Levels
293 Kelvin Cross Sections

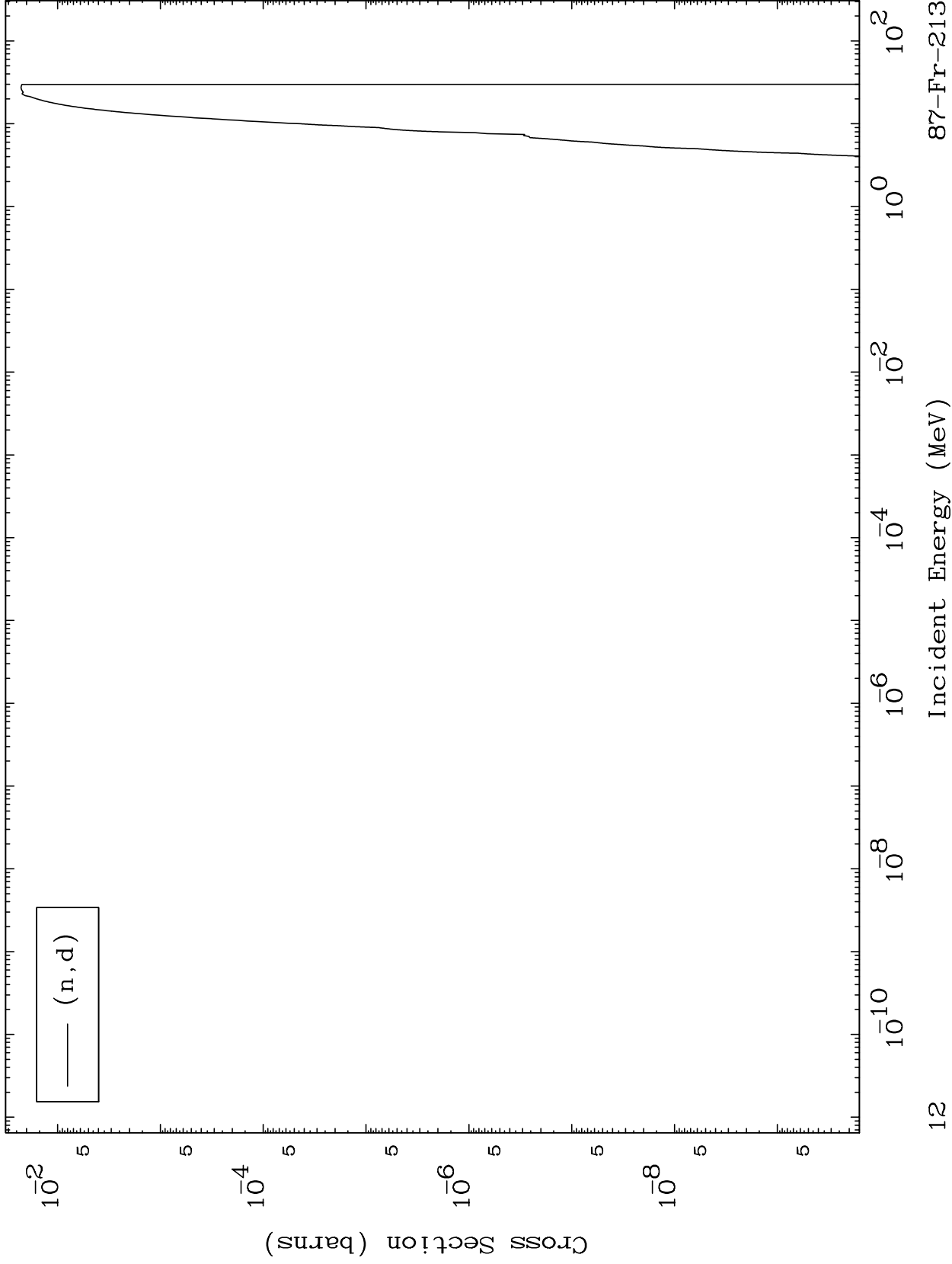
87-Fr-213



MAT 8728

(n,d) Levels
293 Kelvin Cross Sections

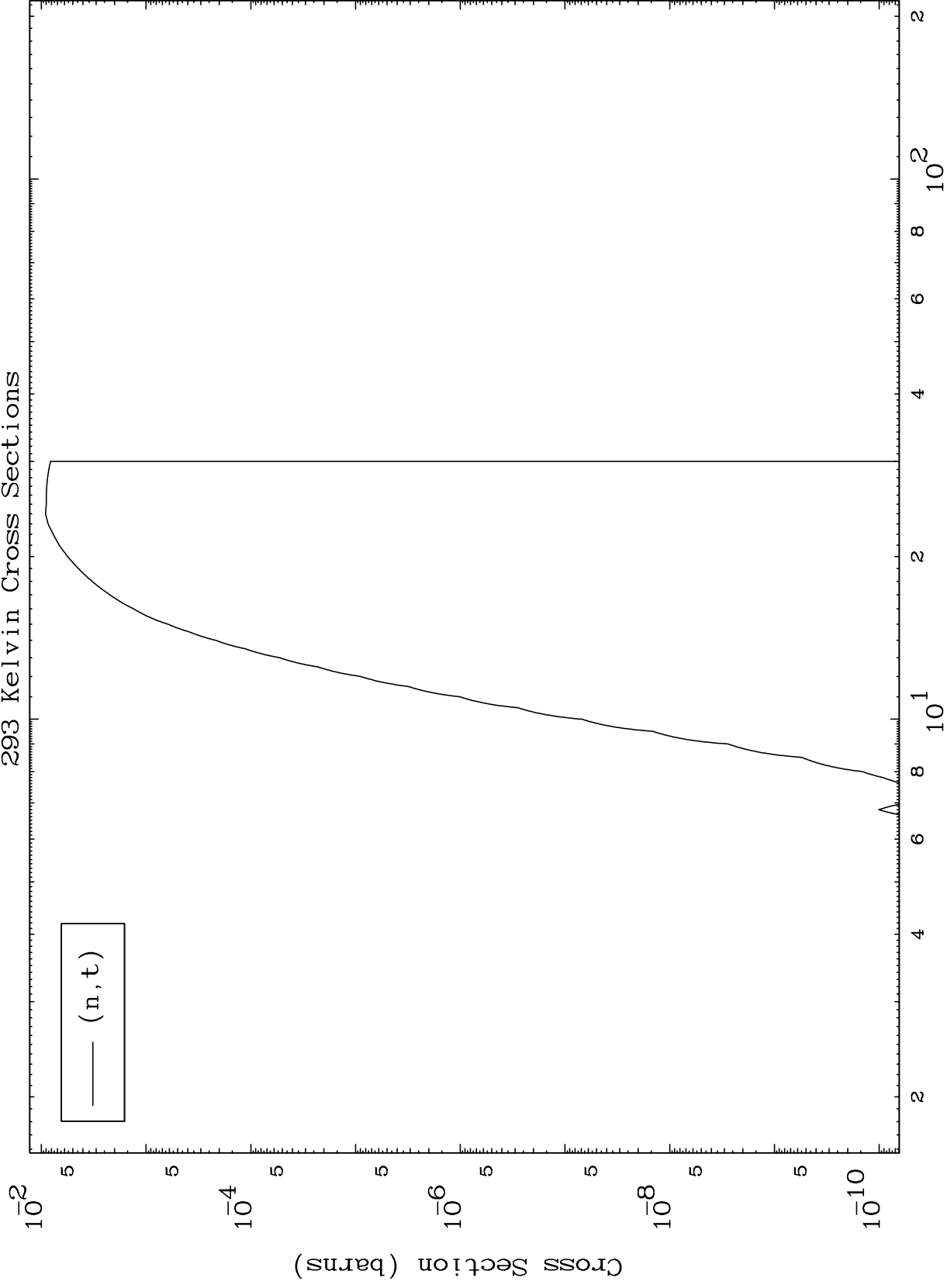
87-Fr-213



MAT 8728

(n,t) Levels
293 Kelvin Cross Sections

87-Fr-213



13

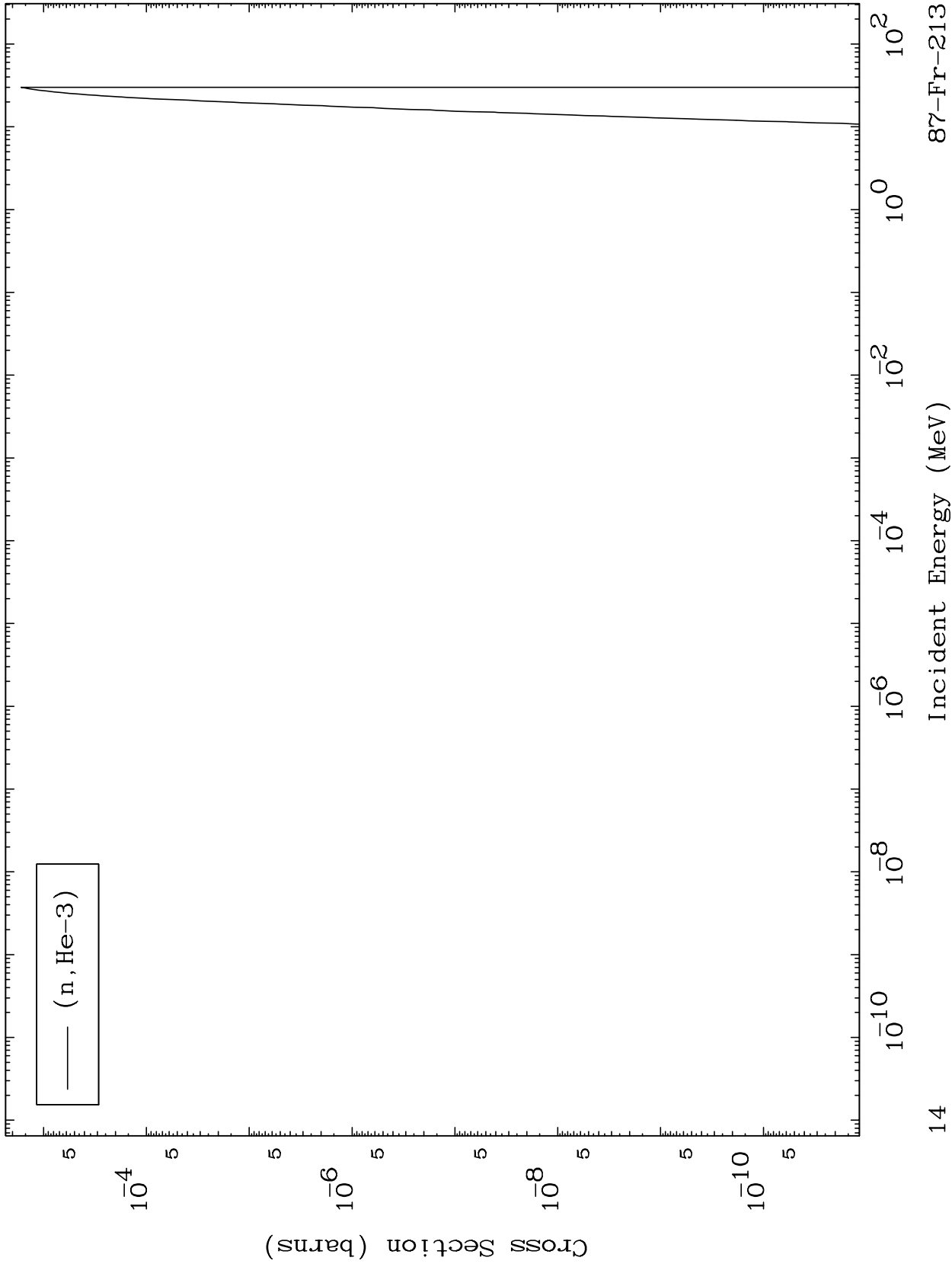
Incident Energy (MeV)

87-Fr-213

MAT 8728

(n,He3) Levels
293 Kelvin Cross Sections

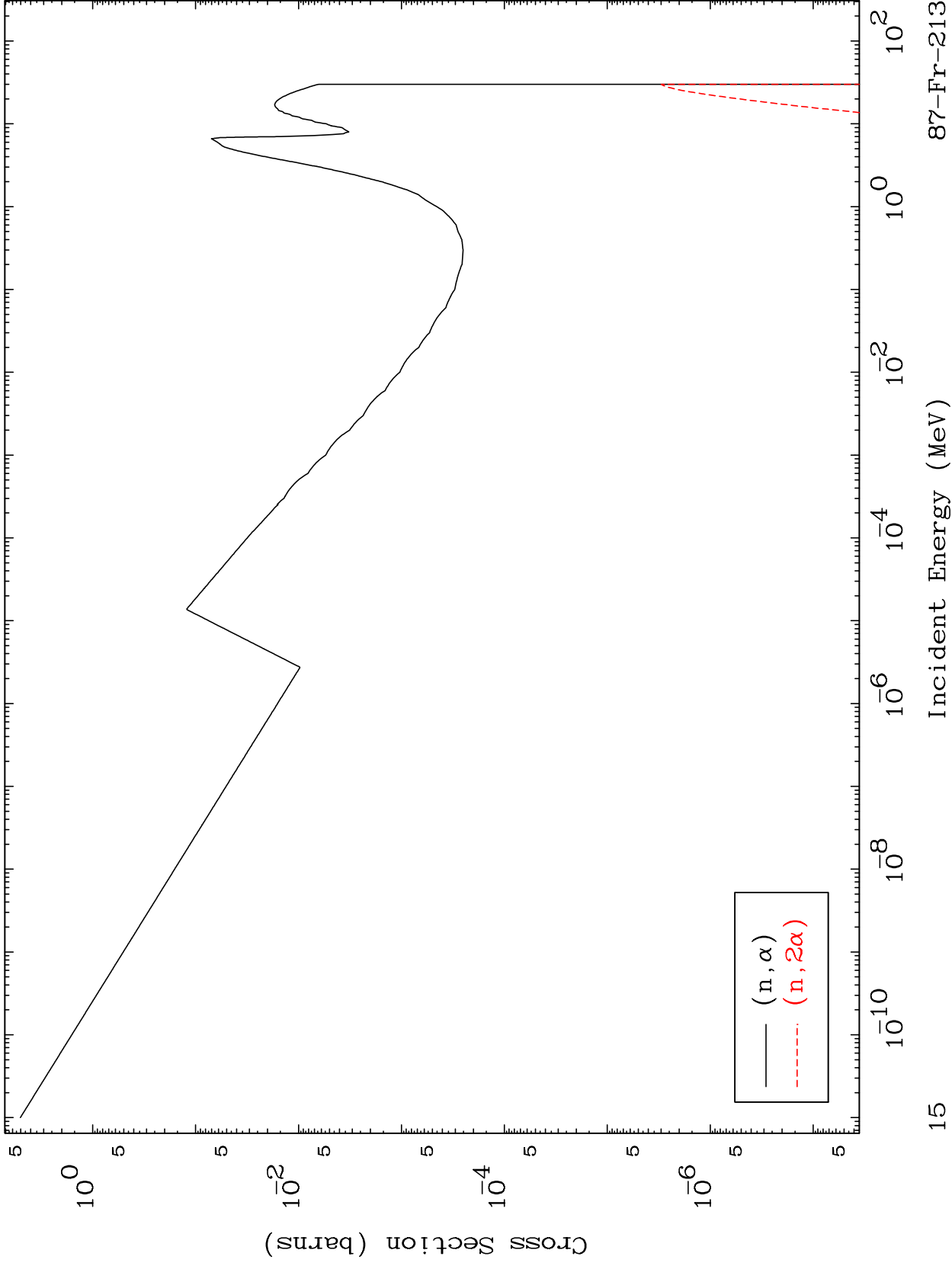
87-Fr-213



MAT 8728

(n, α) Levels
293 Kelvin Cross Sections

87-Fr-213



15

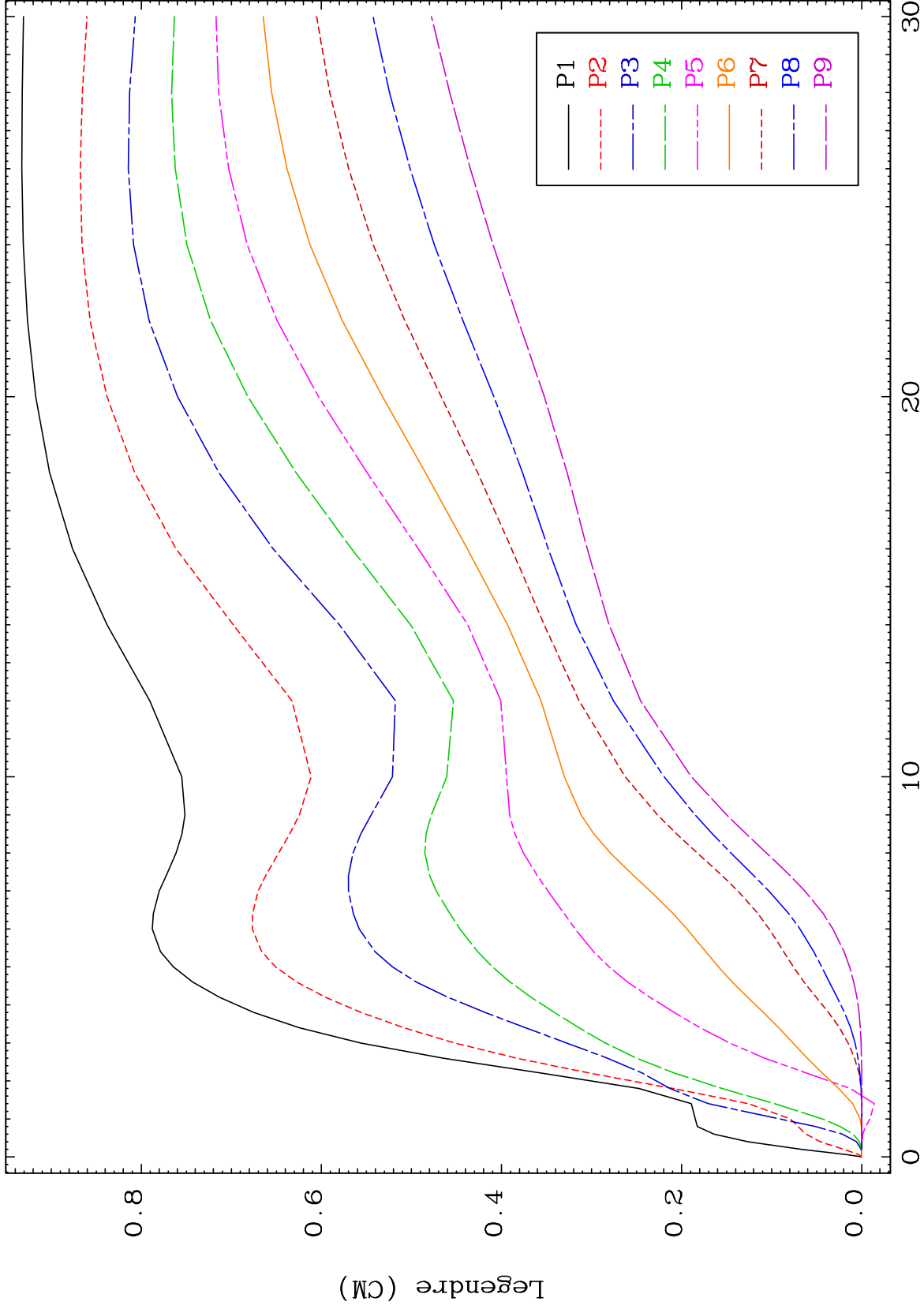
Incident Energy (MeV)

87-Fr-213

MAT 8728

Elastic Legendre Coefficients

87-Fr-213



16

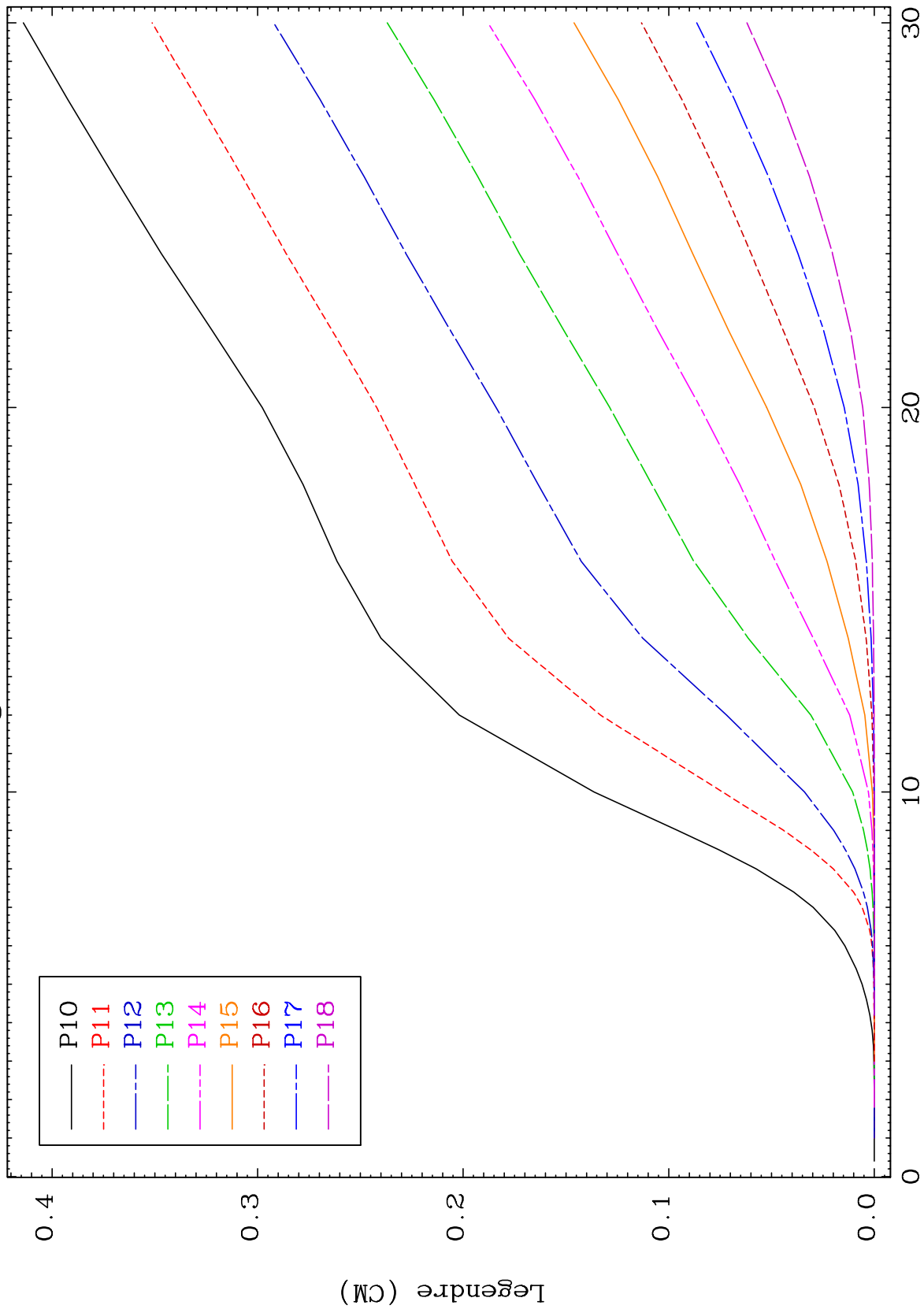
Incident Energy (MeV)

87-Fr-213

MAT 8728

Elastic Legendre Coefficients

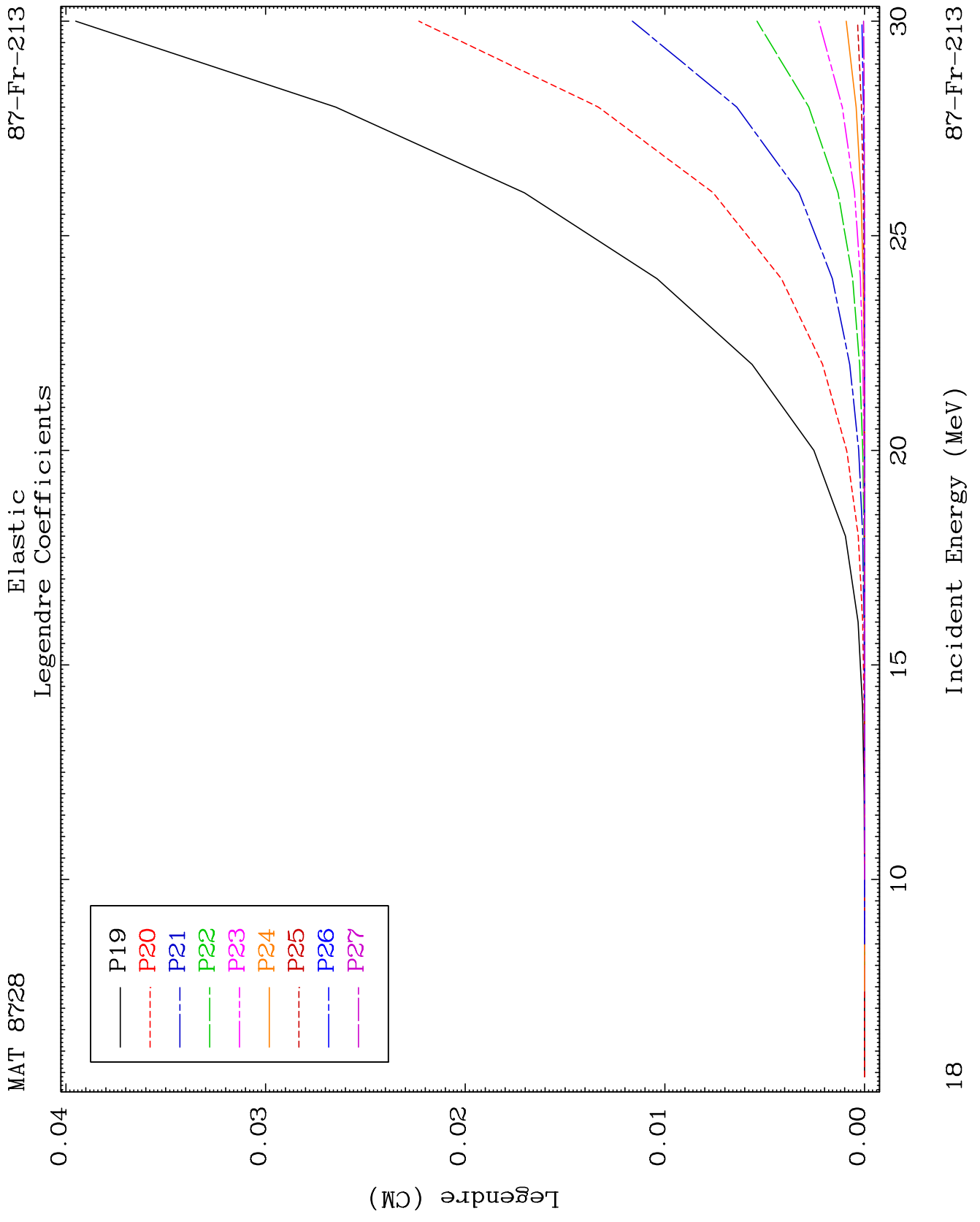
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17

Incident Energy (MeV)

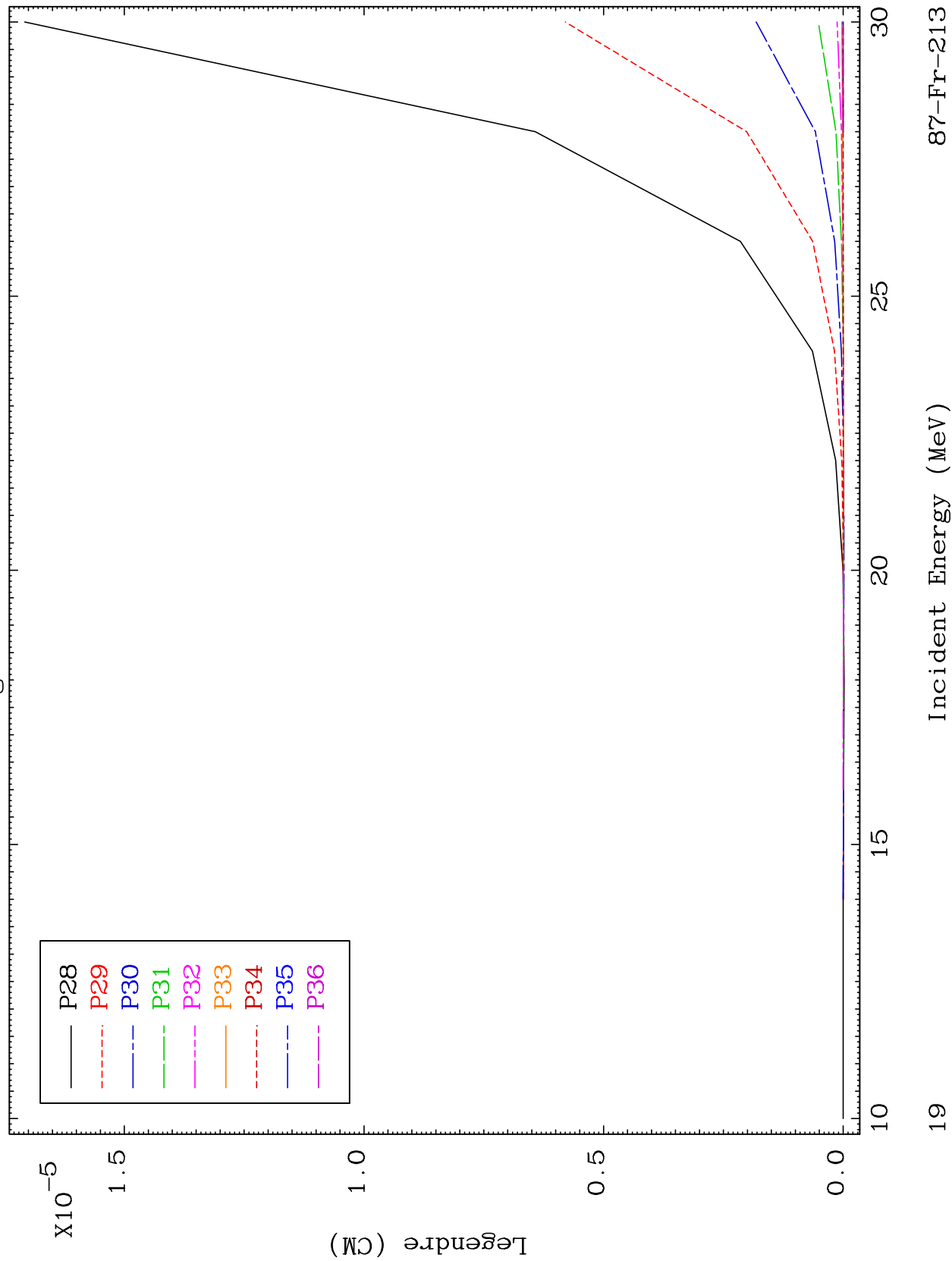
87-Fr-213



MAT 8728

Elastic
Legendre Coefficients

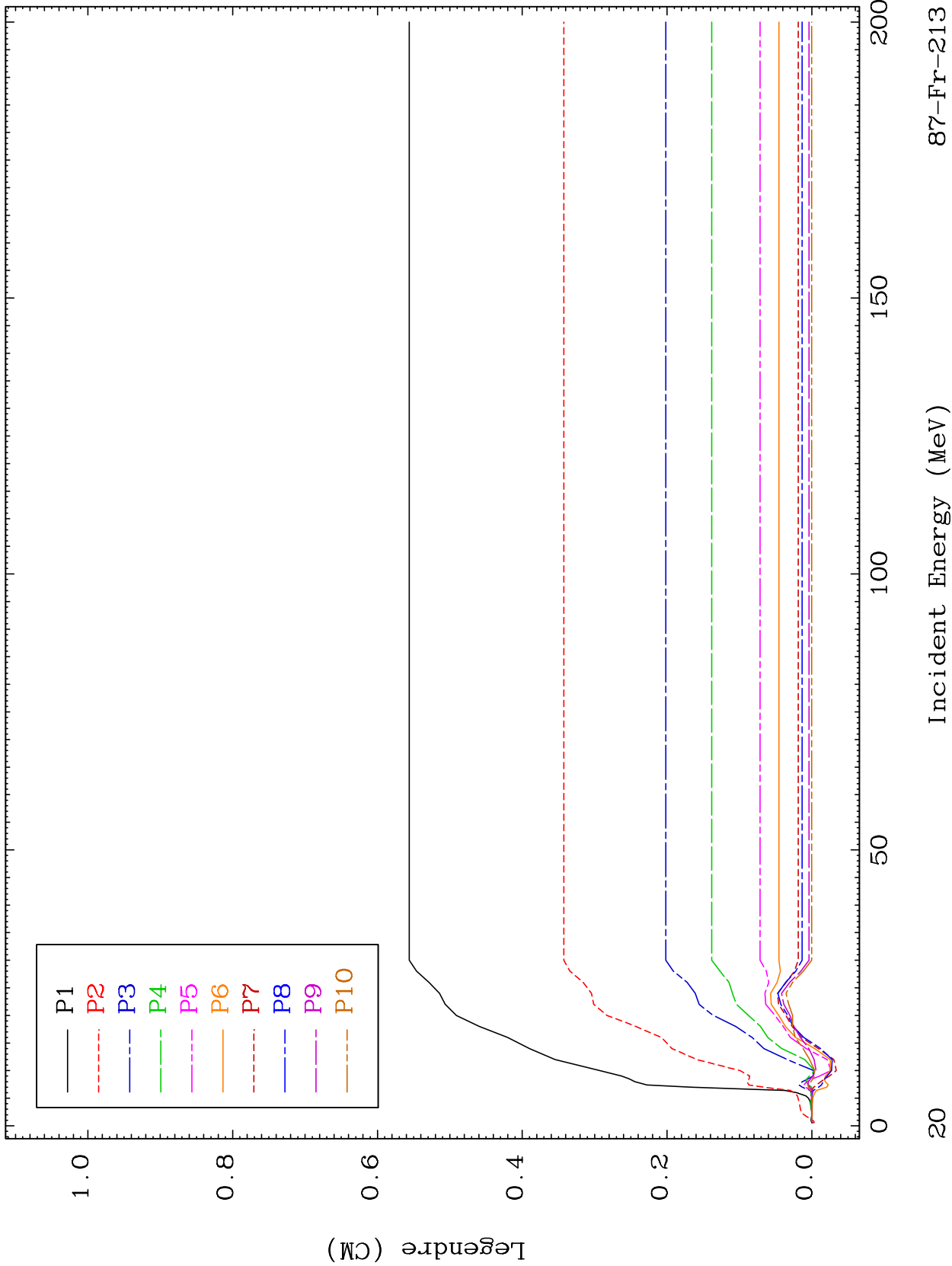
87-Fr-213



MAT 8728

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

87-Fr-213

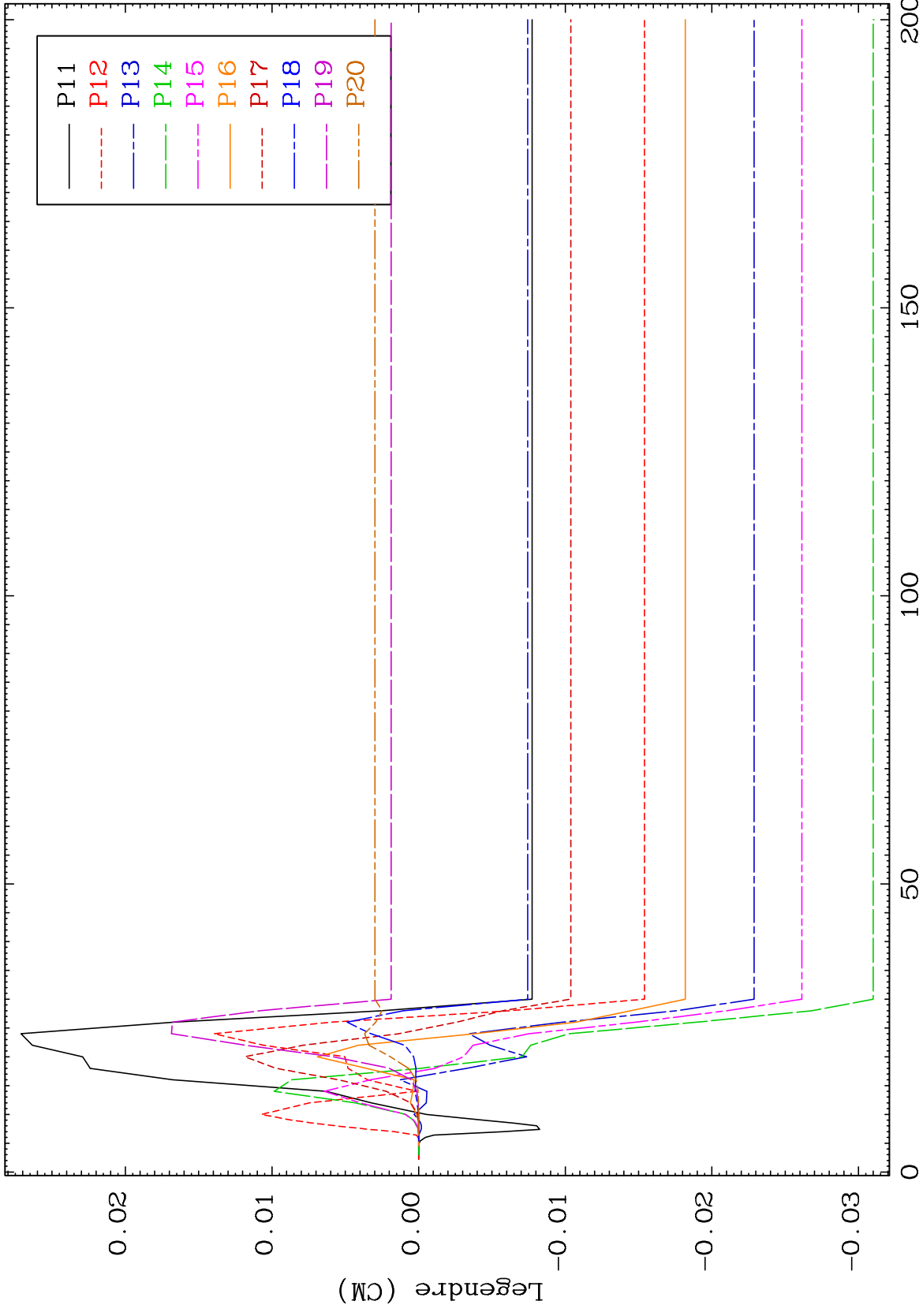


87-Fr-213

MAT 8728

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

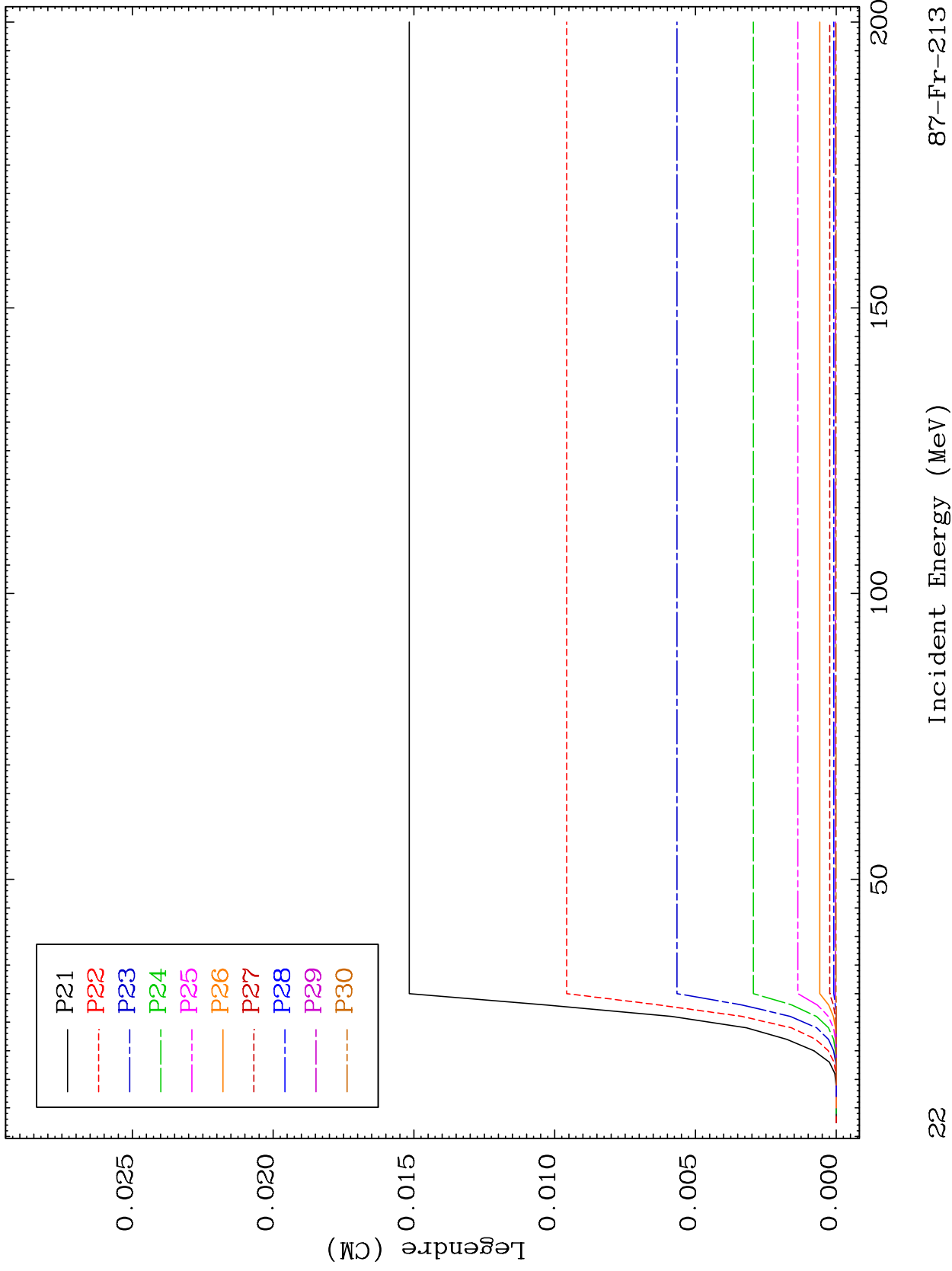
87-Fr-213



21

Incident Energy (MeV)

87-Fr-213



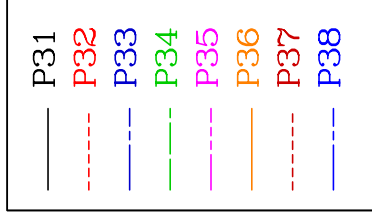
MAT 8728

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

87-Fr-213

$\times 10^{-6}$

Legendre (CM)



200

150

100

50

23

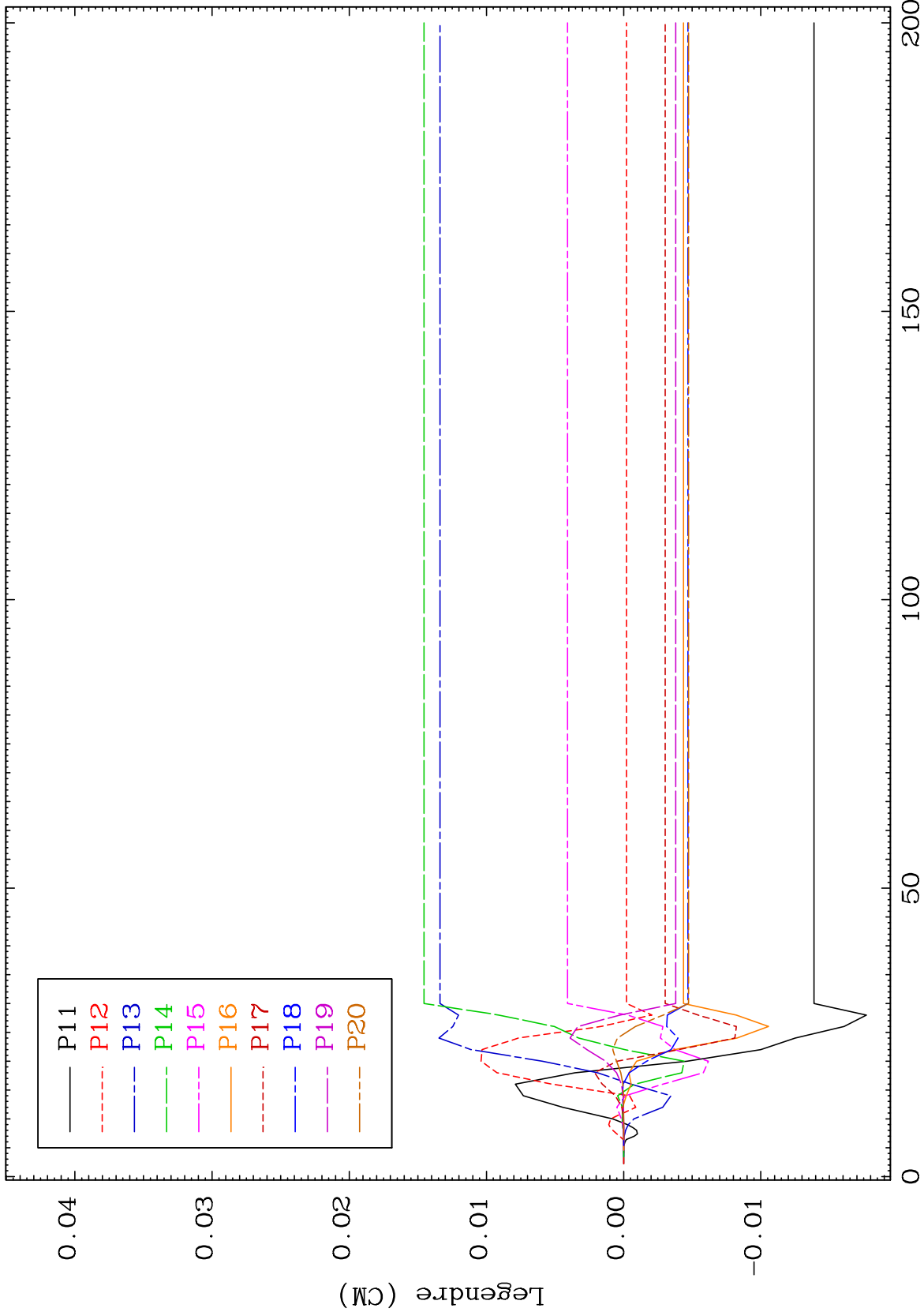
Incident Energy (MeV)

87-Fr-213

MAT 8728

MT= 52 (n,n') Level
Legendre Coefficients

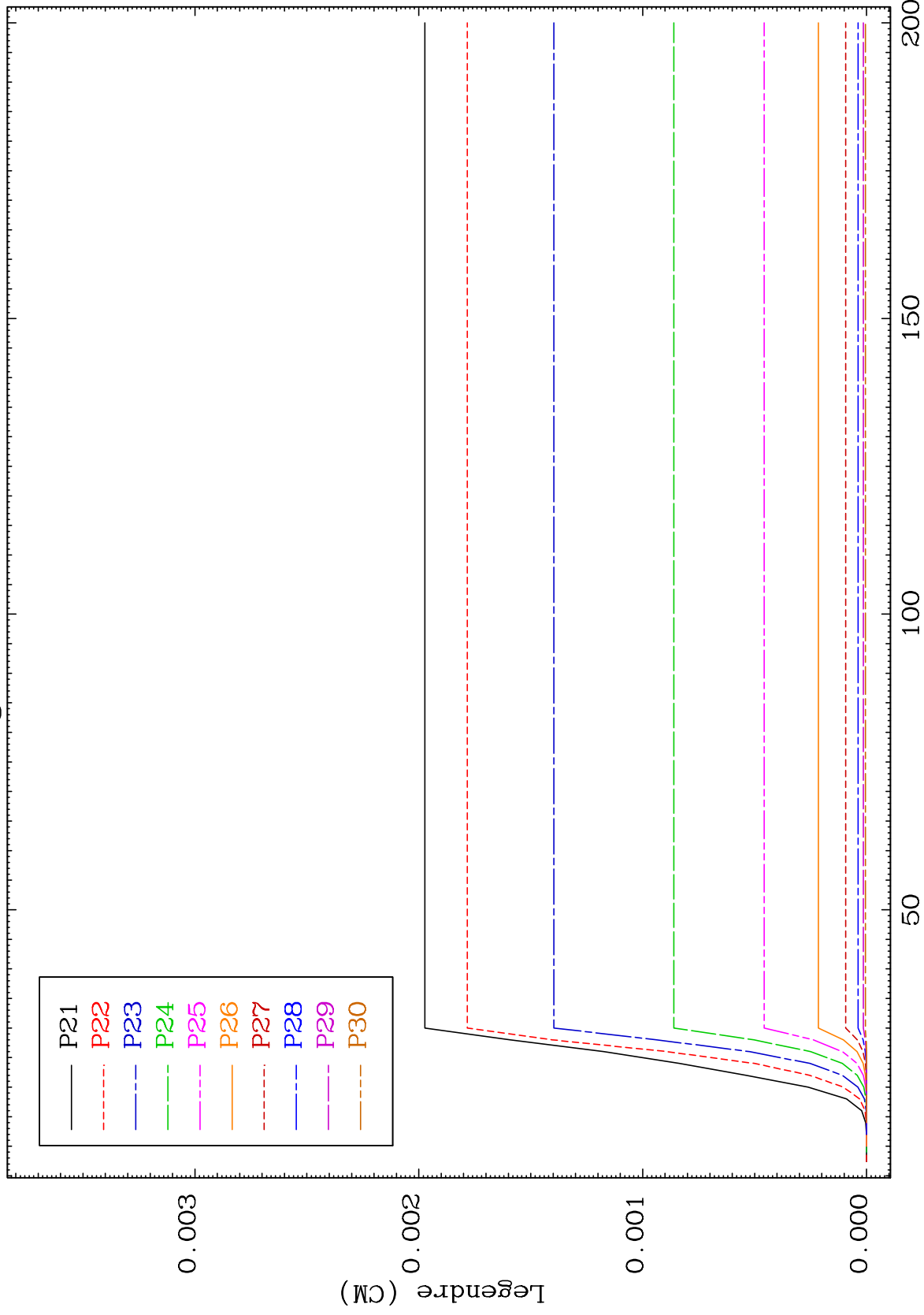
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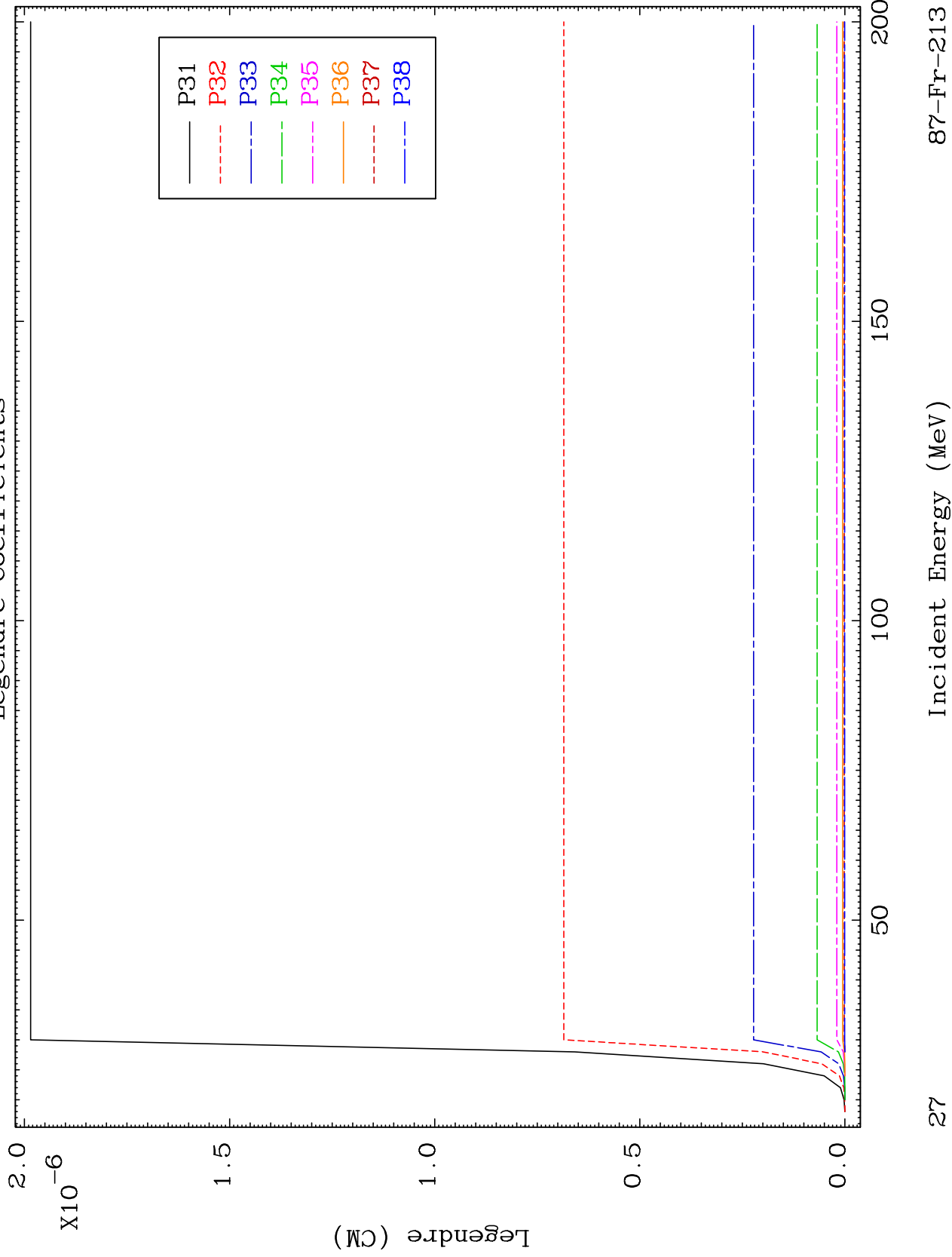


87-Fr-213

Incident Energy (MeV)

25

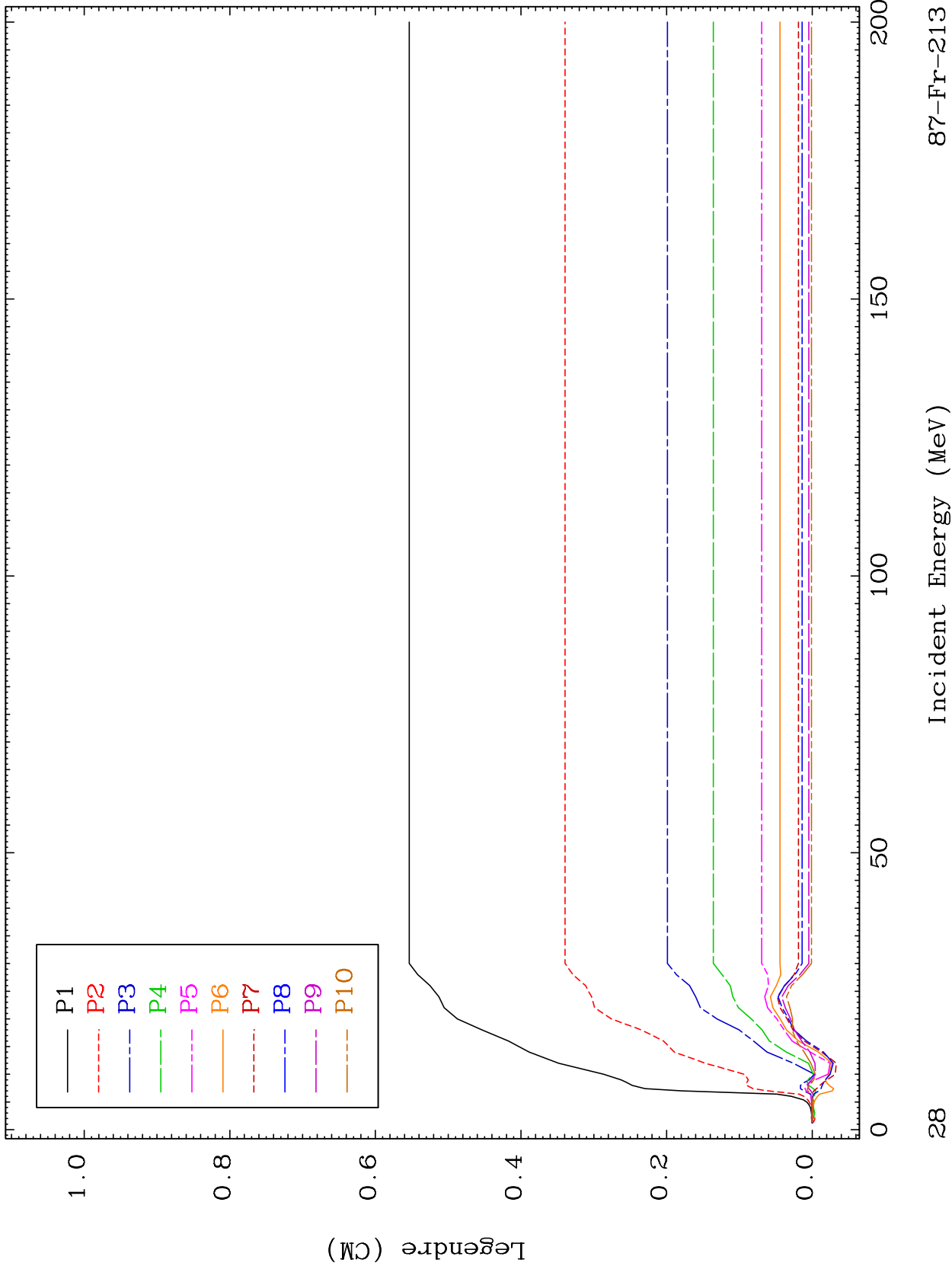




MAT 8728

MT= 53 (n,n') Level
Legendre Coefficients

87-Fr-213



28

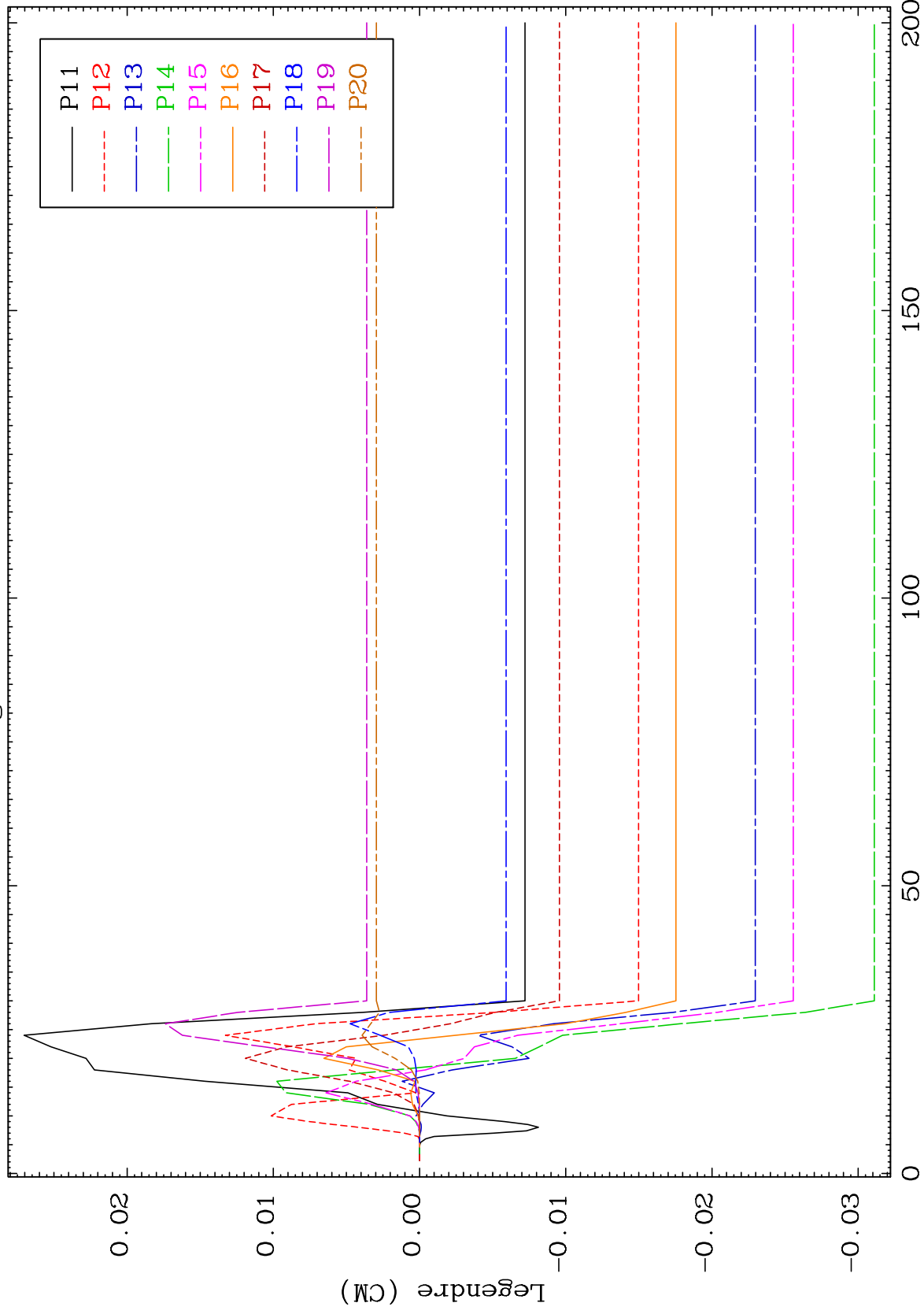
Incident Energy (MeV)

87-Fr-213

MAT 8728

MT= 53 (n,n') Level
Legendre Coefficients

87-Fr-213



29

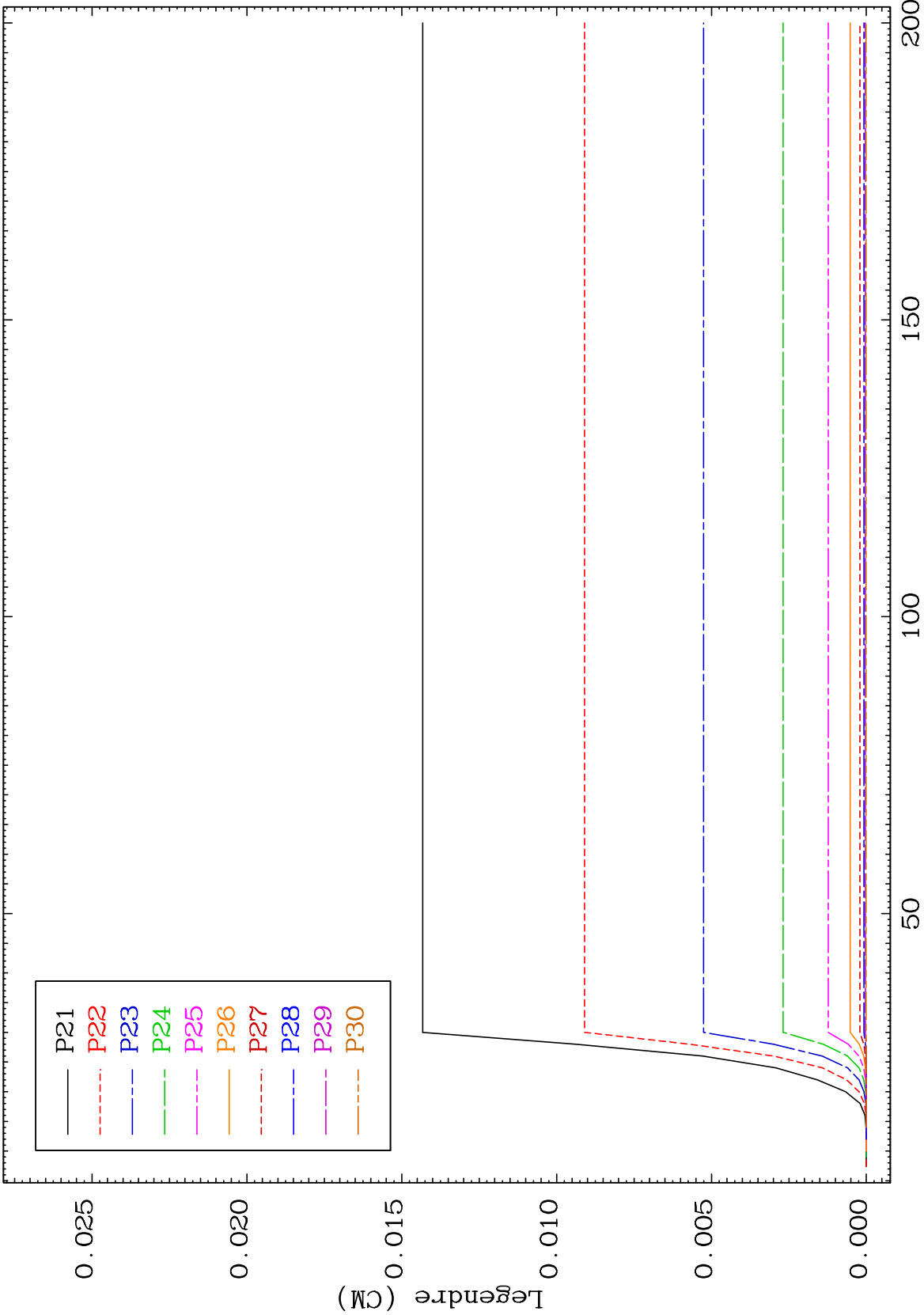
Incident Energy (MeV)

87-Fr-213

MAT 8728

MT= 53 (n,n') Level
Legendre Coefficients

87-Fr-213



30

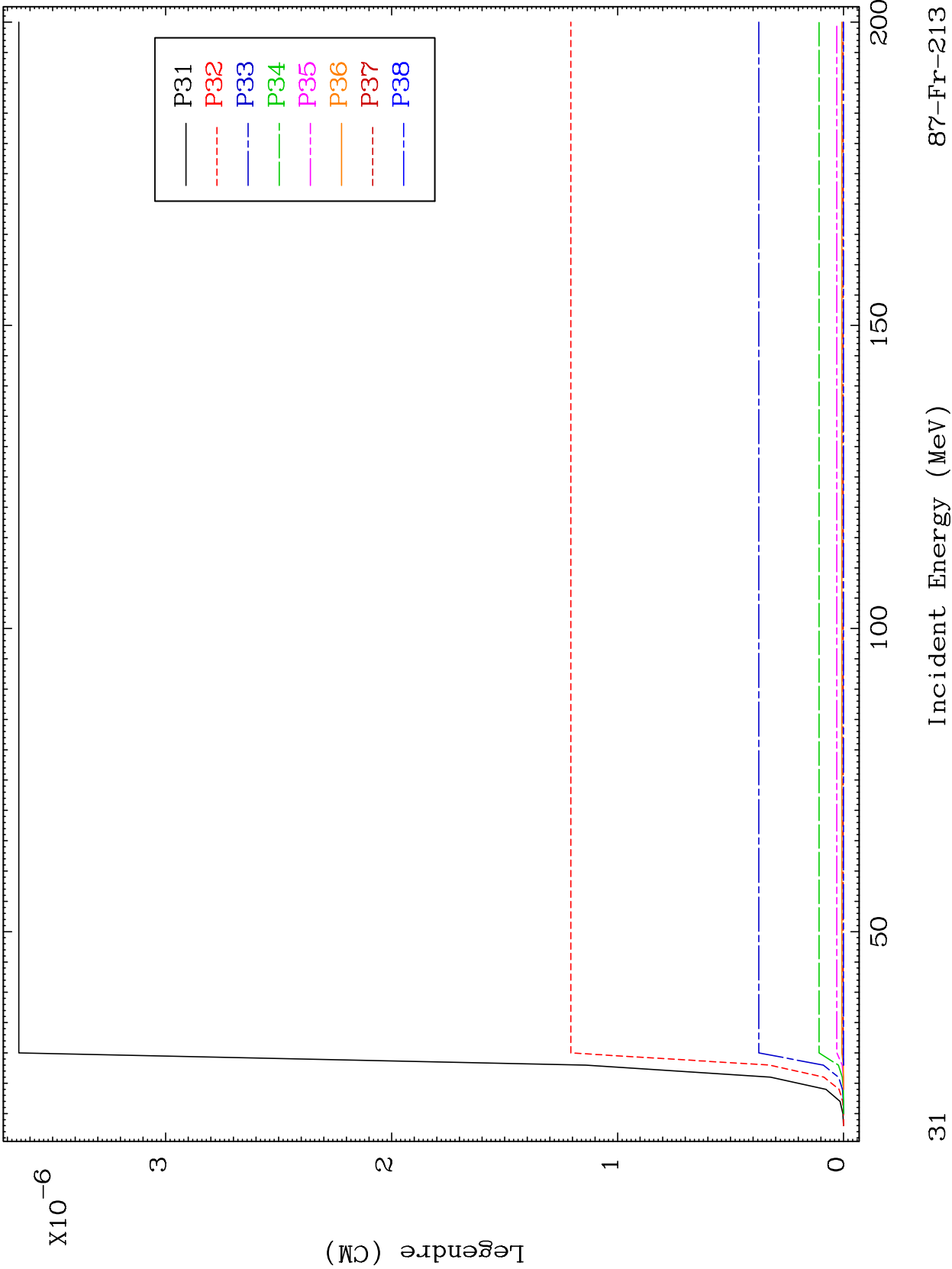
Incident Energy (MeV)

87-Fr-213

MAT 8728

MT= 53 (n,n') Level
Legendre Coefficients

87-Fr-213



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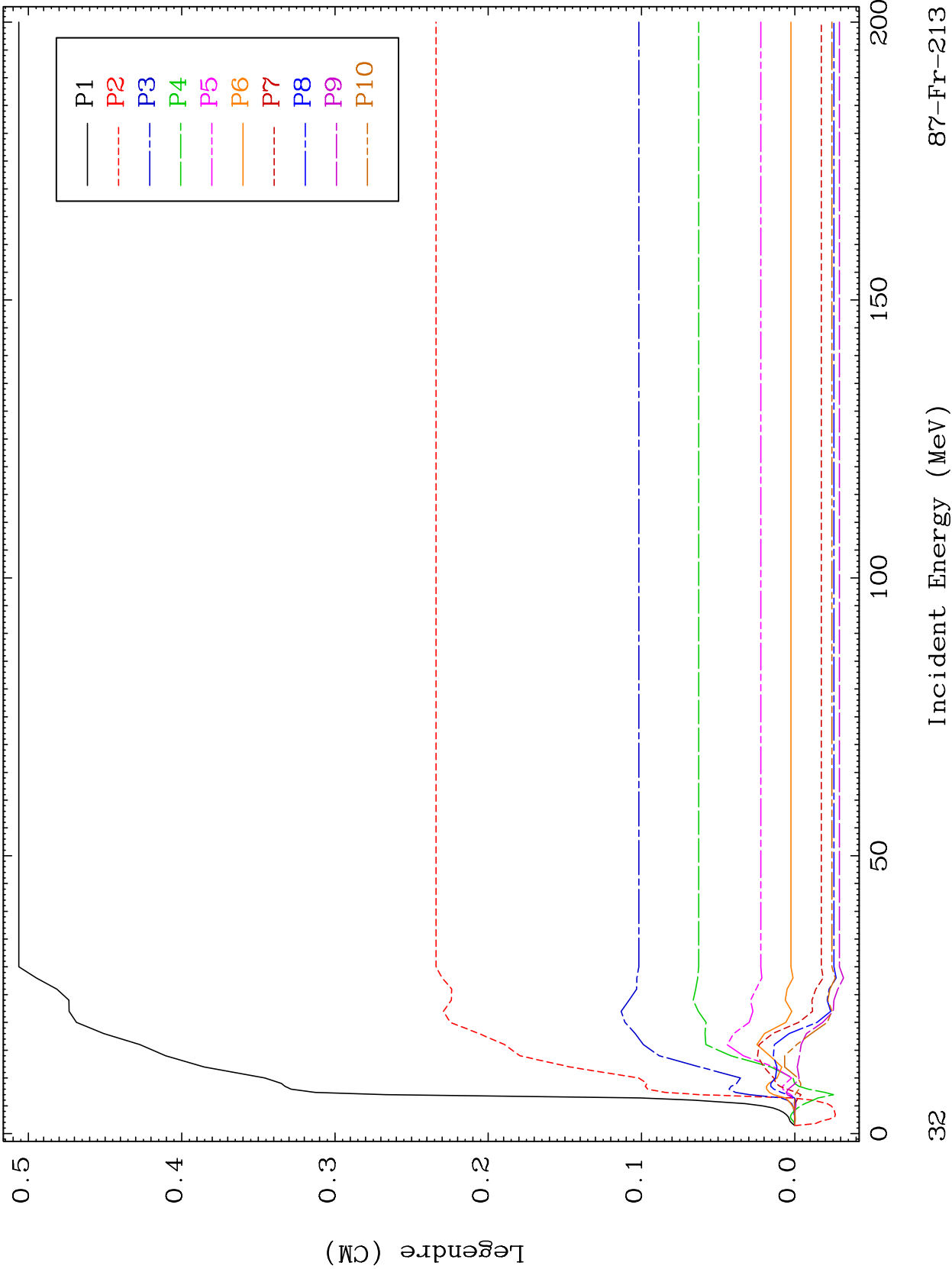
Incident Energy (MeV)

87-Fr-213

MAT 8728

MT= 54 (n,n') Level
Legendre Coefficients

87-Fr-213



87-Fr-213

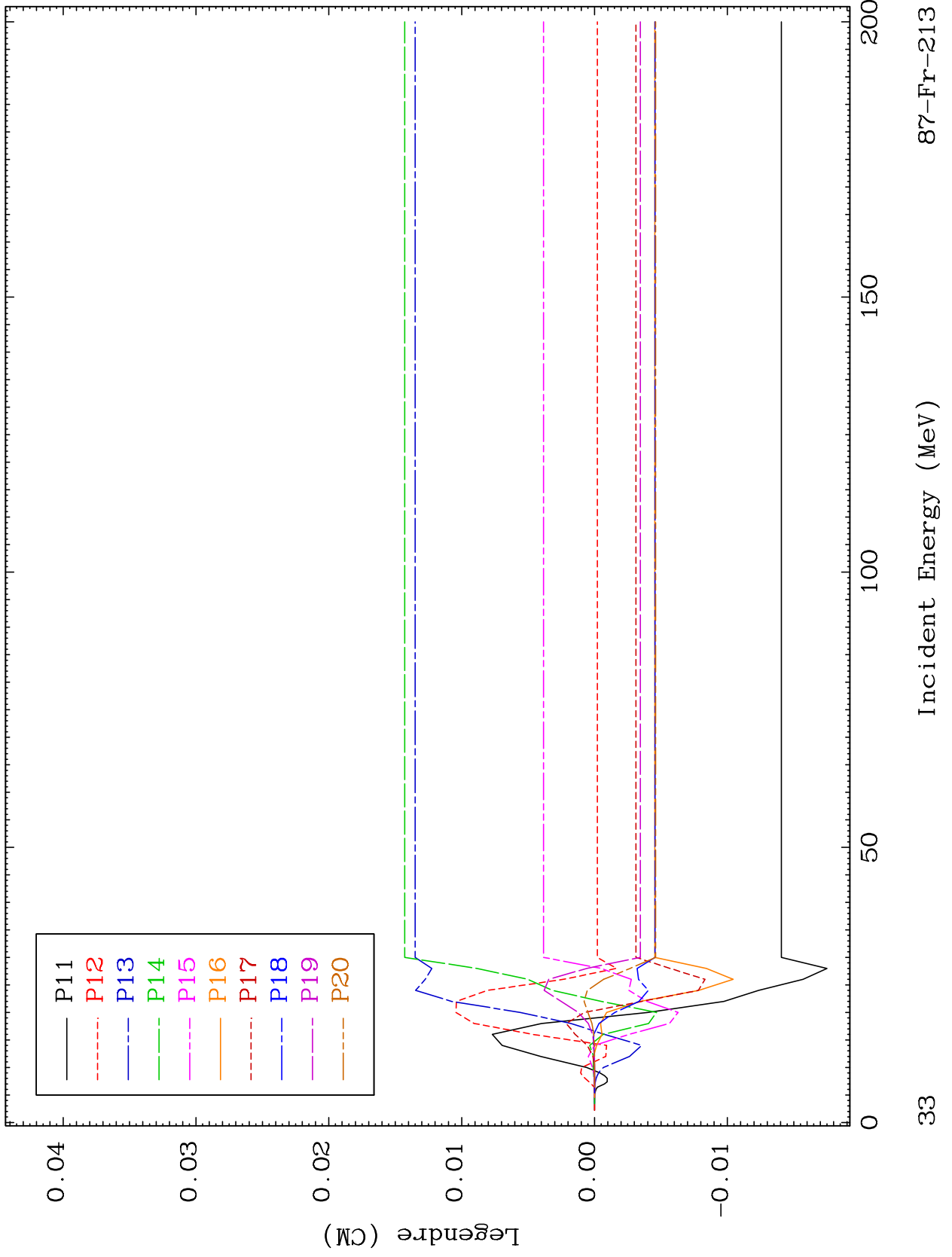
Incident Energy (MeV)

32

MAT 8728

MT= 54 (n,n') Level
Legendre Coefficients

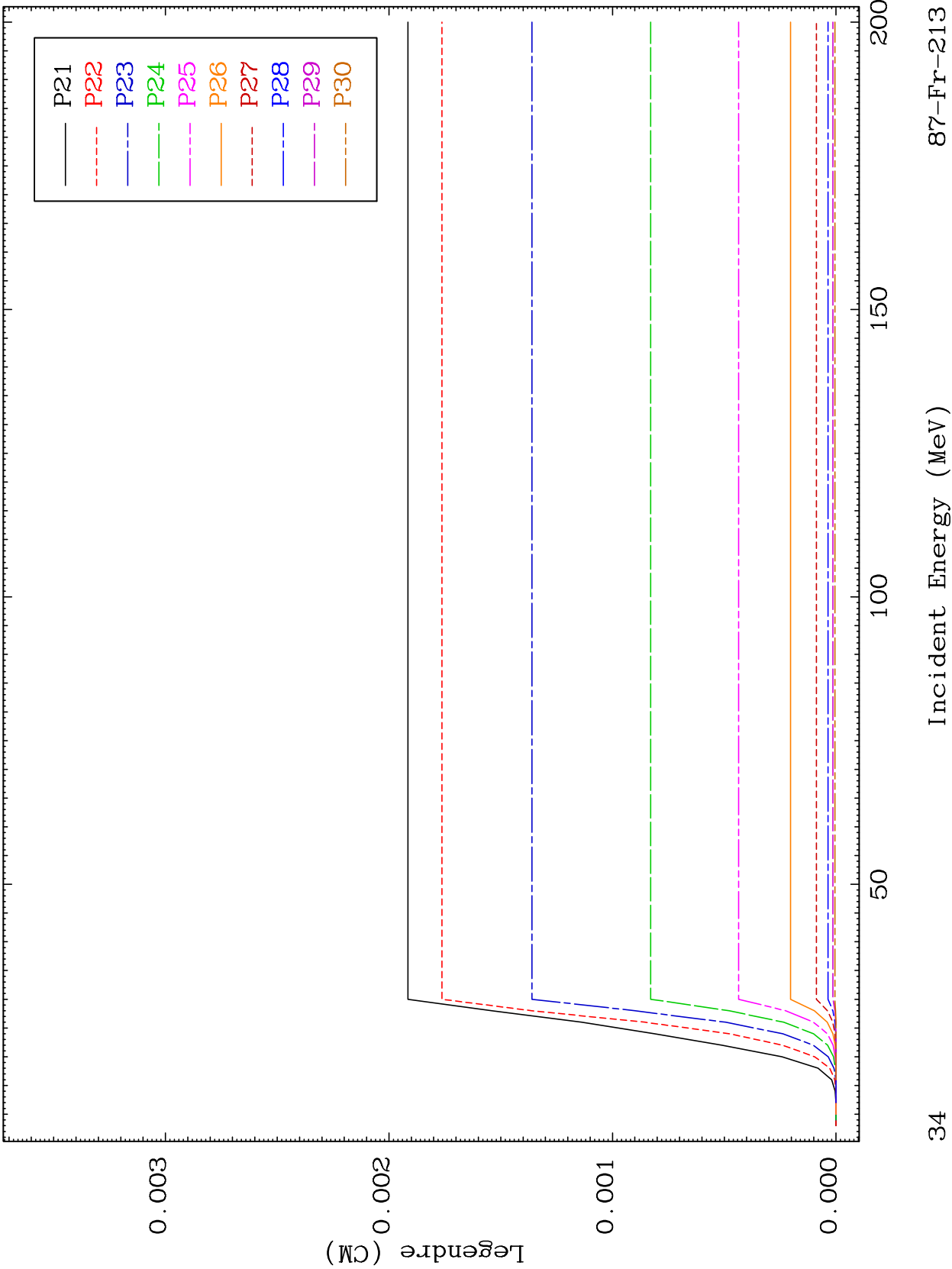
87-Fr-213



MAT 8728

MT= 54 (n,n') Level
Legendre Coefficients

87-Fr-213



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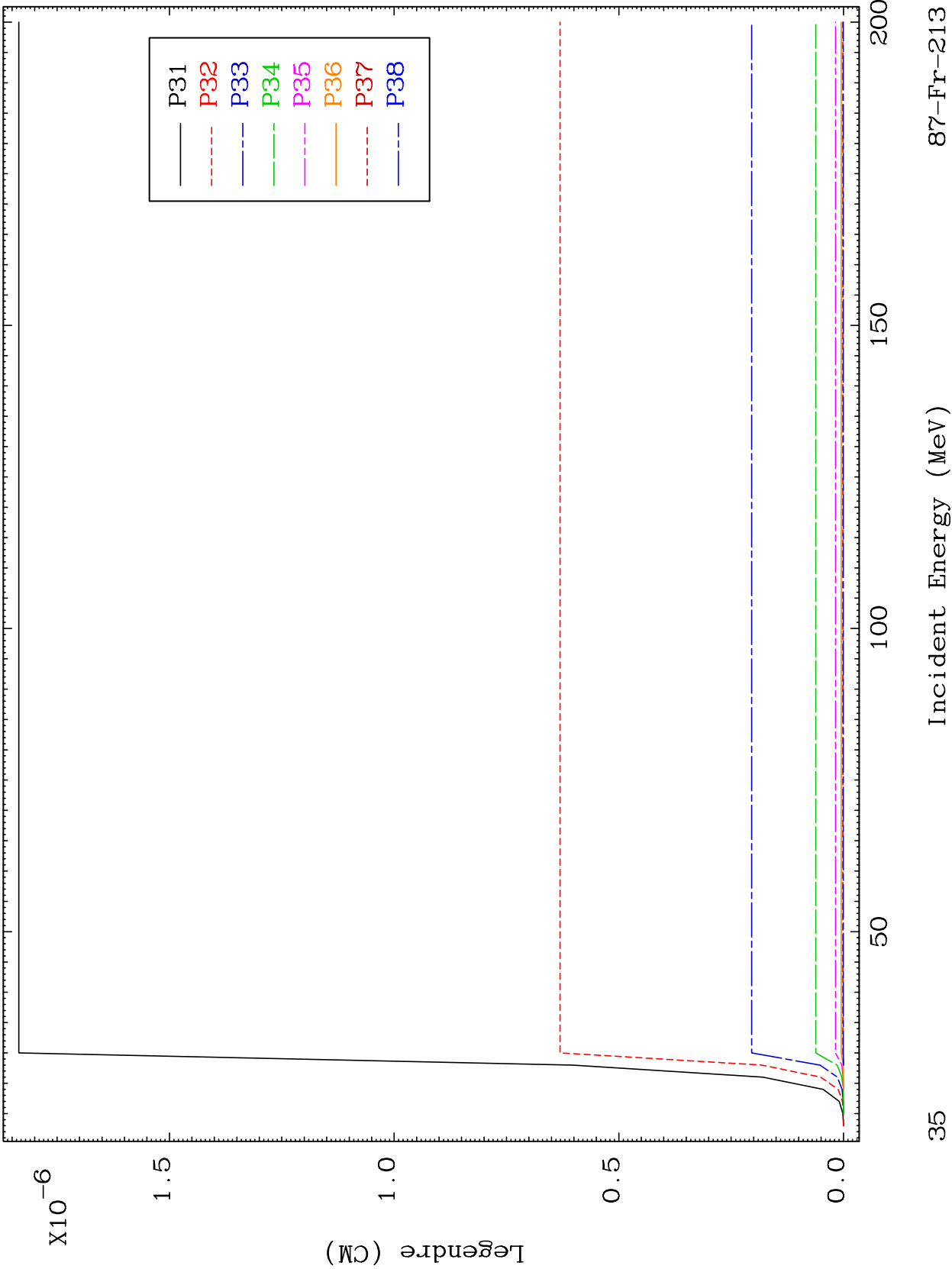
Incident Energy (MeV)

87-Fr-213

MAT 8728

MT= 54 (n,n') Level
Legendre Coefficients

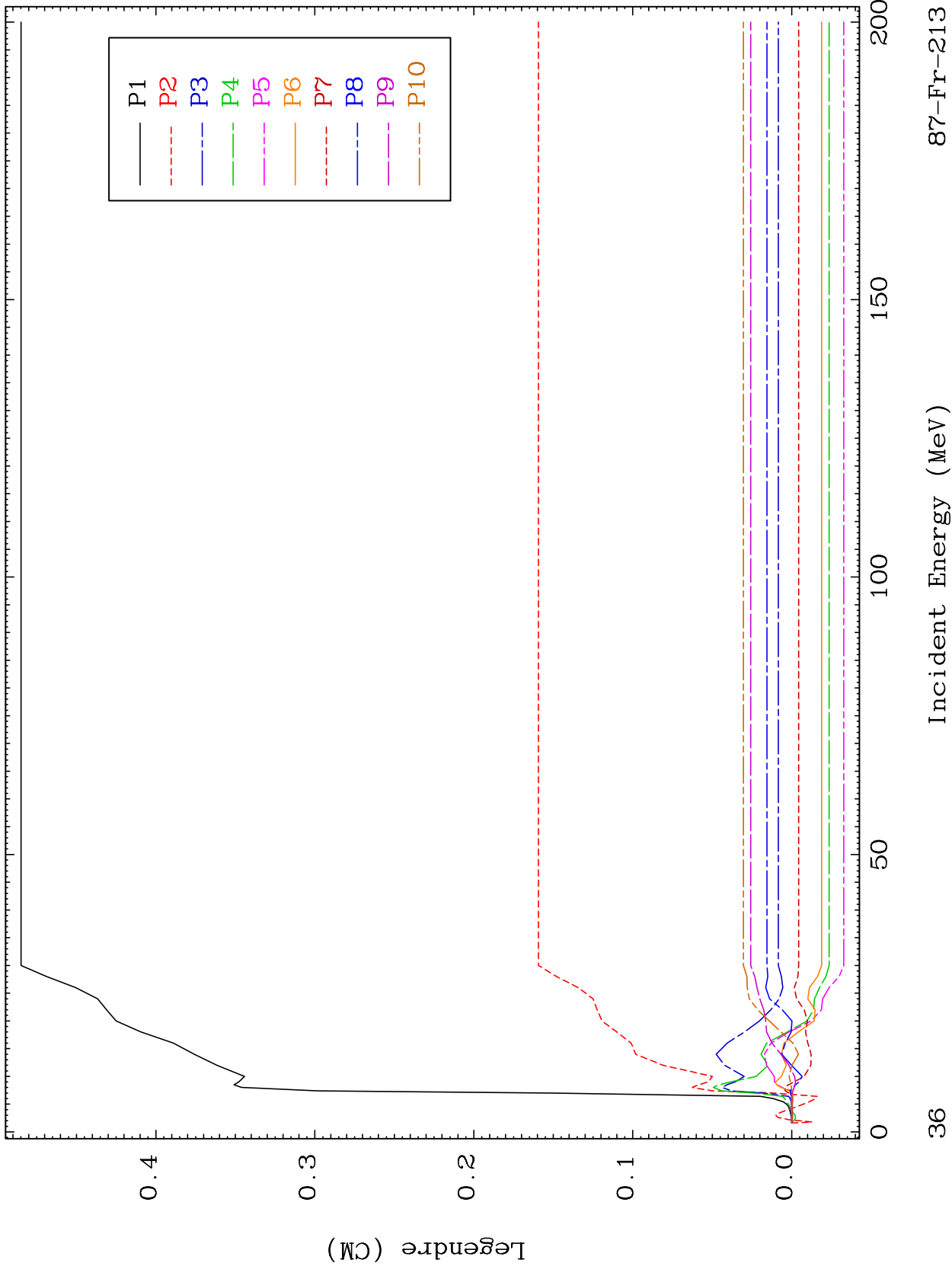
87-Fr-213



MAT 8728

MT= 55 (n,n') Level
Legendre Coefficients

87-Fr-213



36

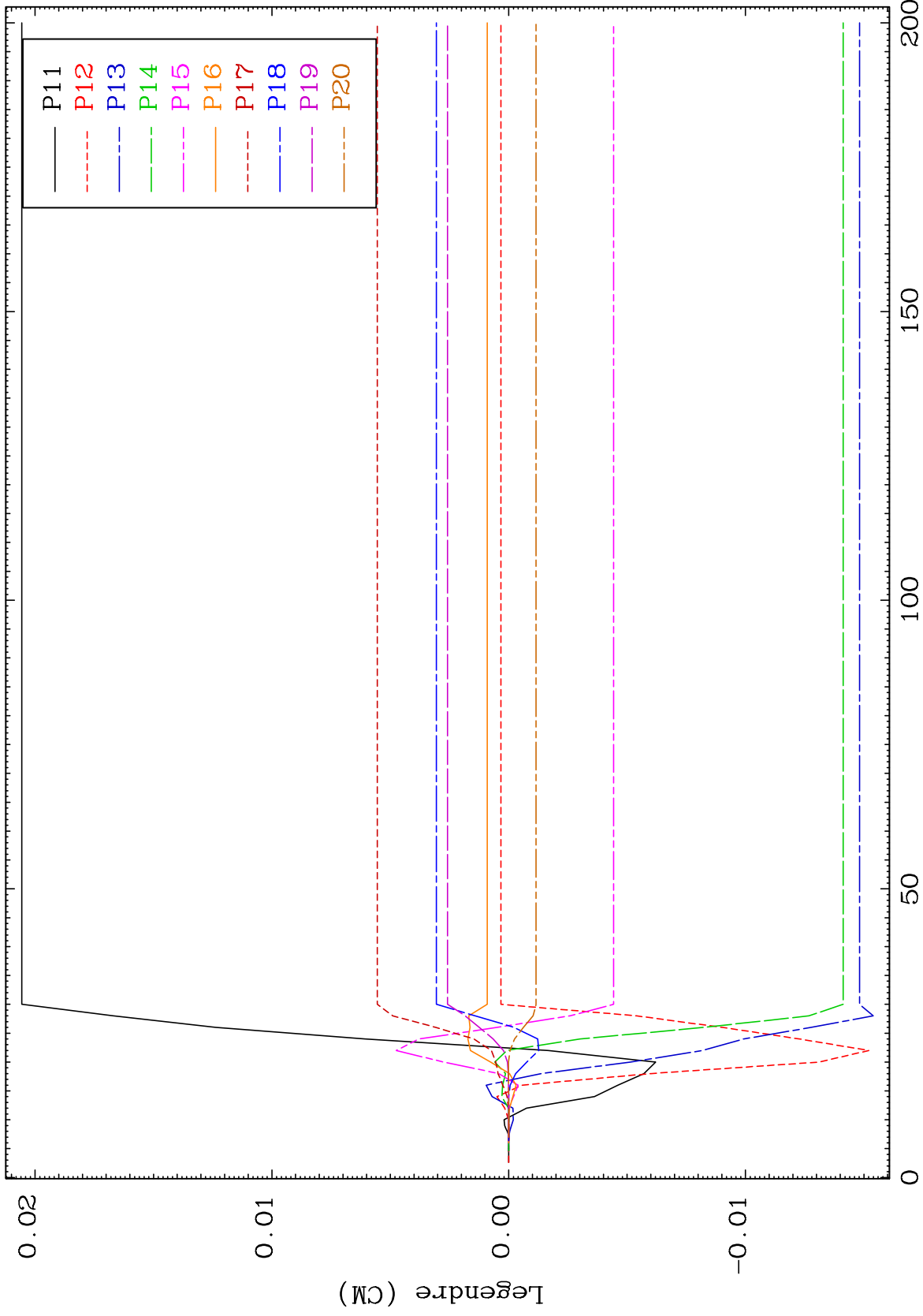
Incident Energy (MeV)

87-Fr-213

MAT 8728

MT= 55 (n,n') Level
Legendre Coefficients

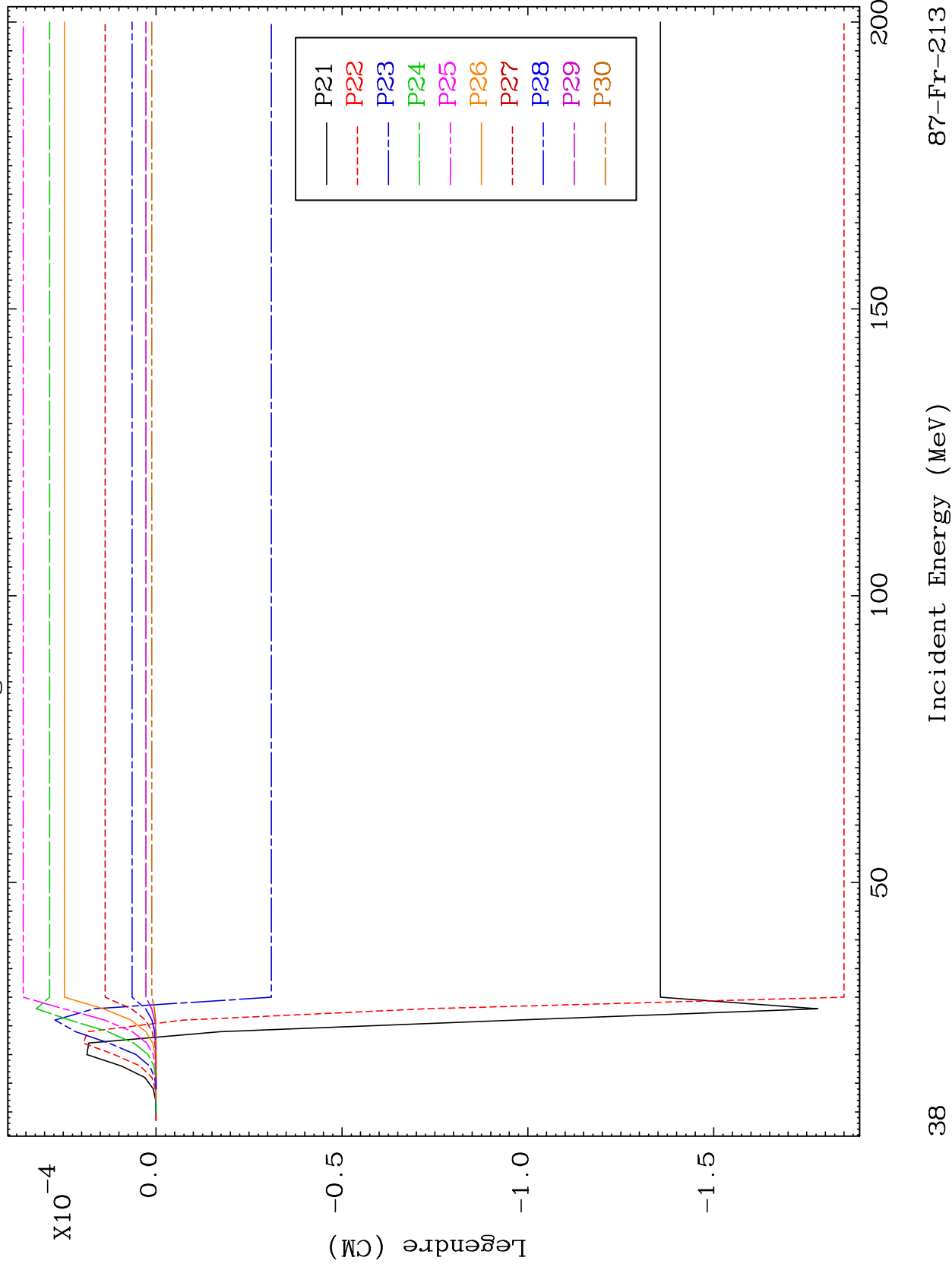
87-Fr-213



37

Incident Energy (MeV)

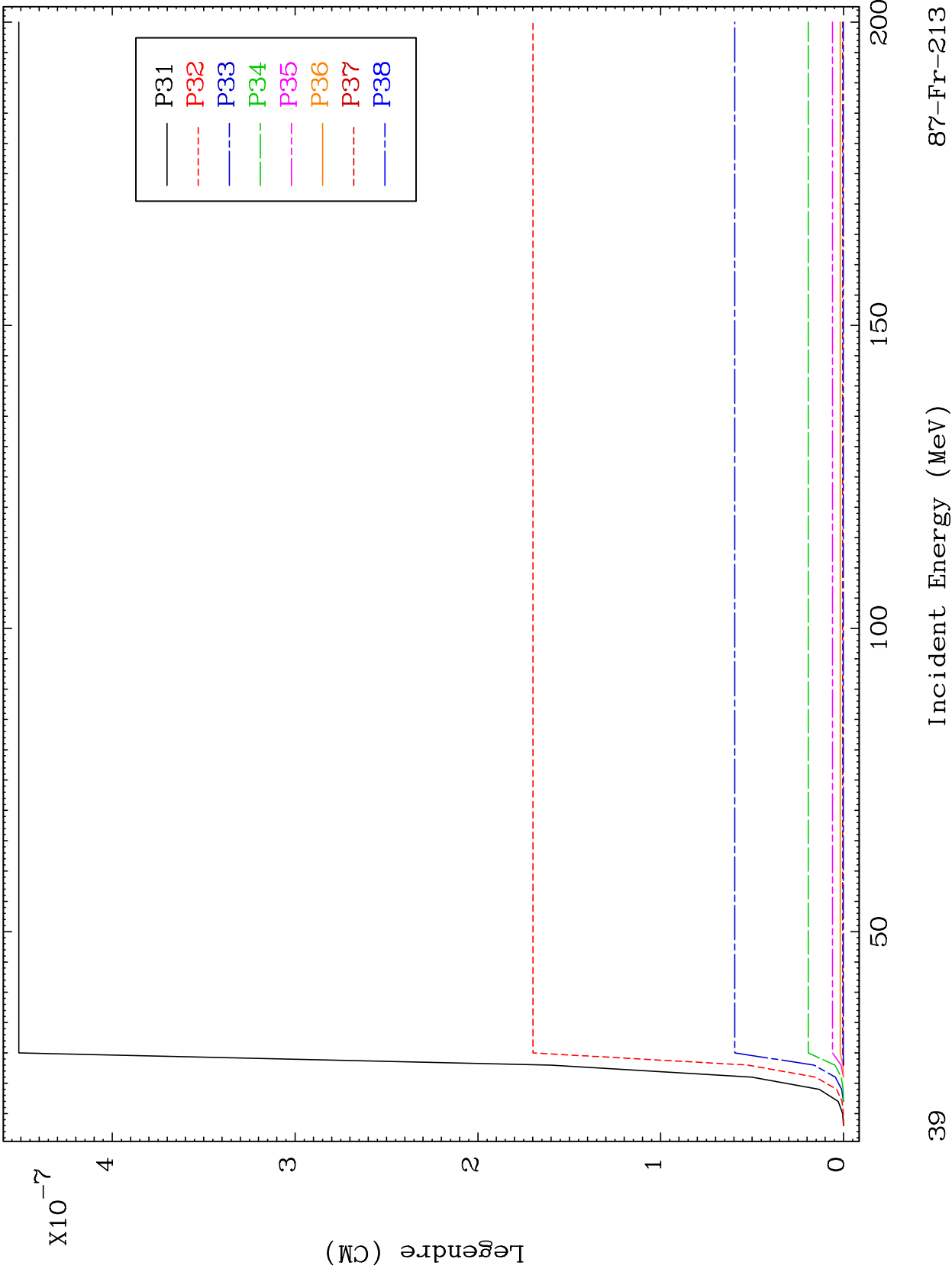
87-Fr-213



MAT 8728

MT= 55 (n,n') Level
Legendre Coefficients

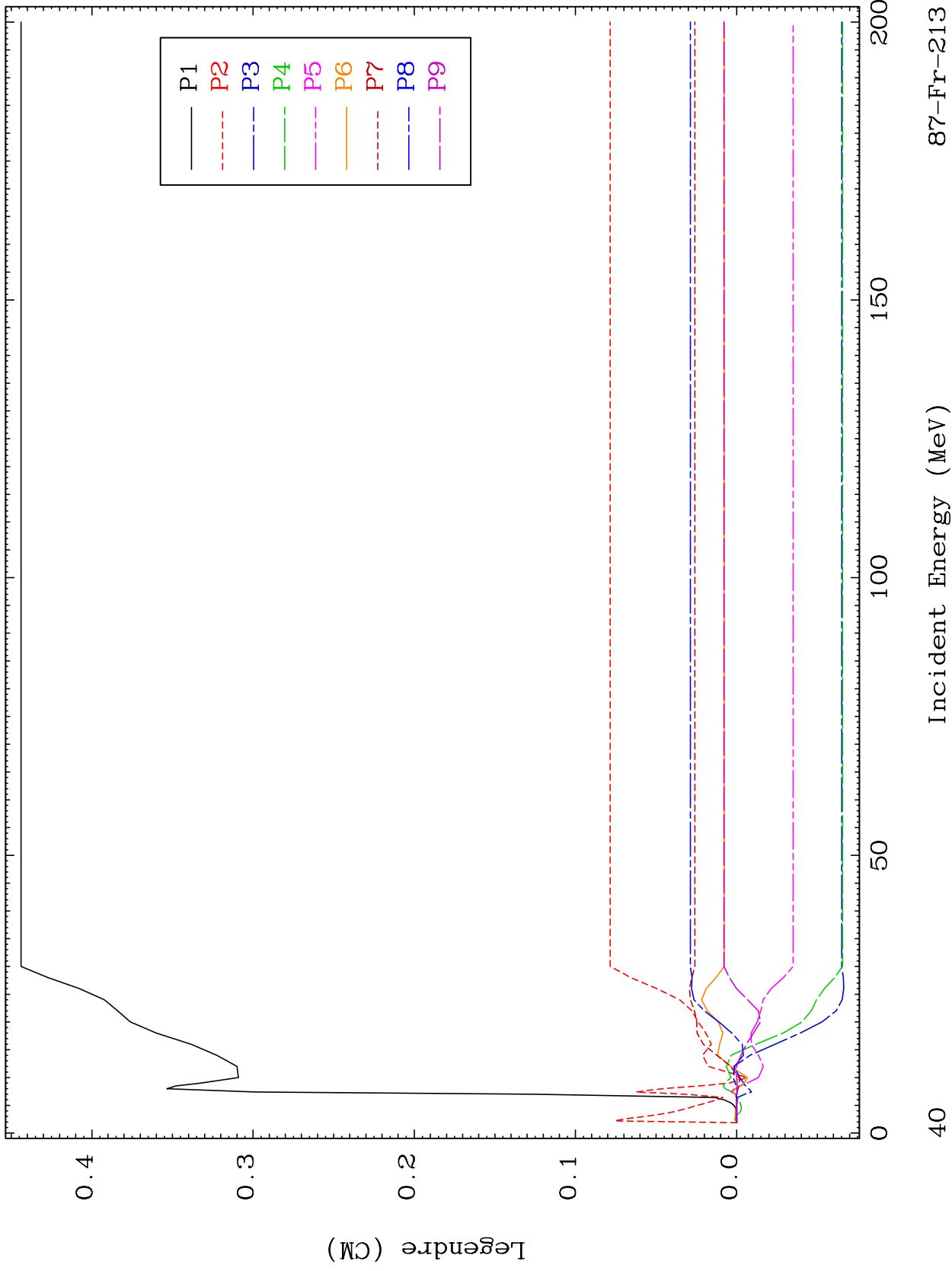
87-Fr-213



MAT 8728

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

87-Fr-213



87-Fr-213

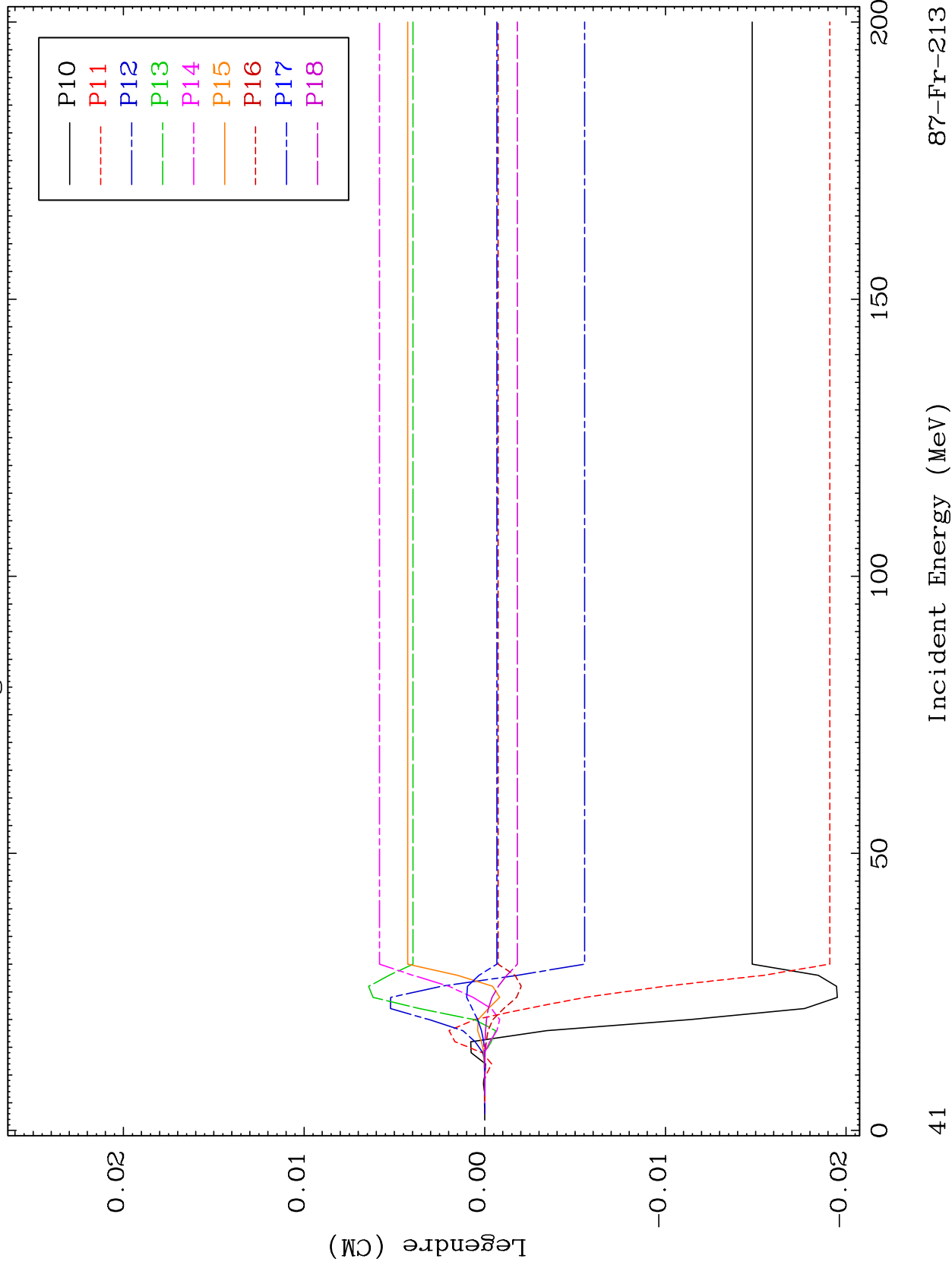
Incident Energy (MeV)

40

MAT 8728

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

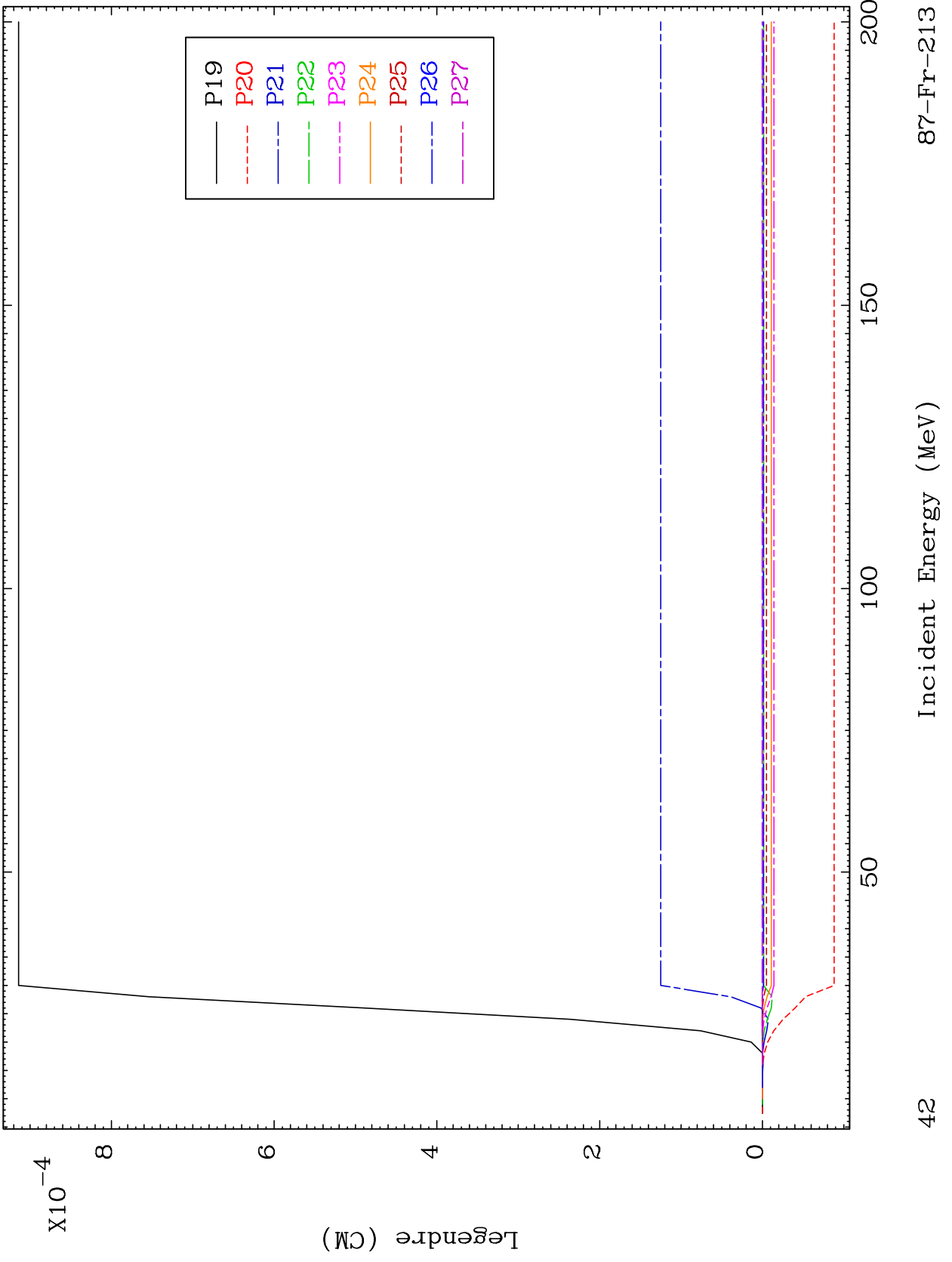
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MAT 8728

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

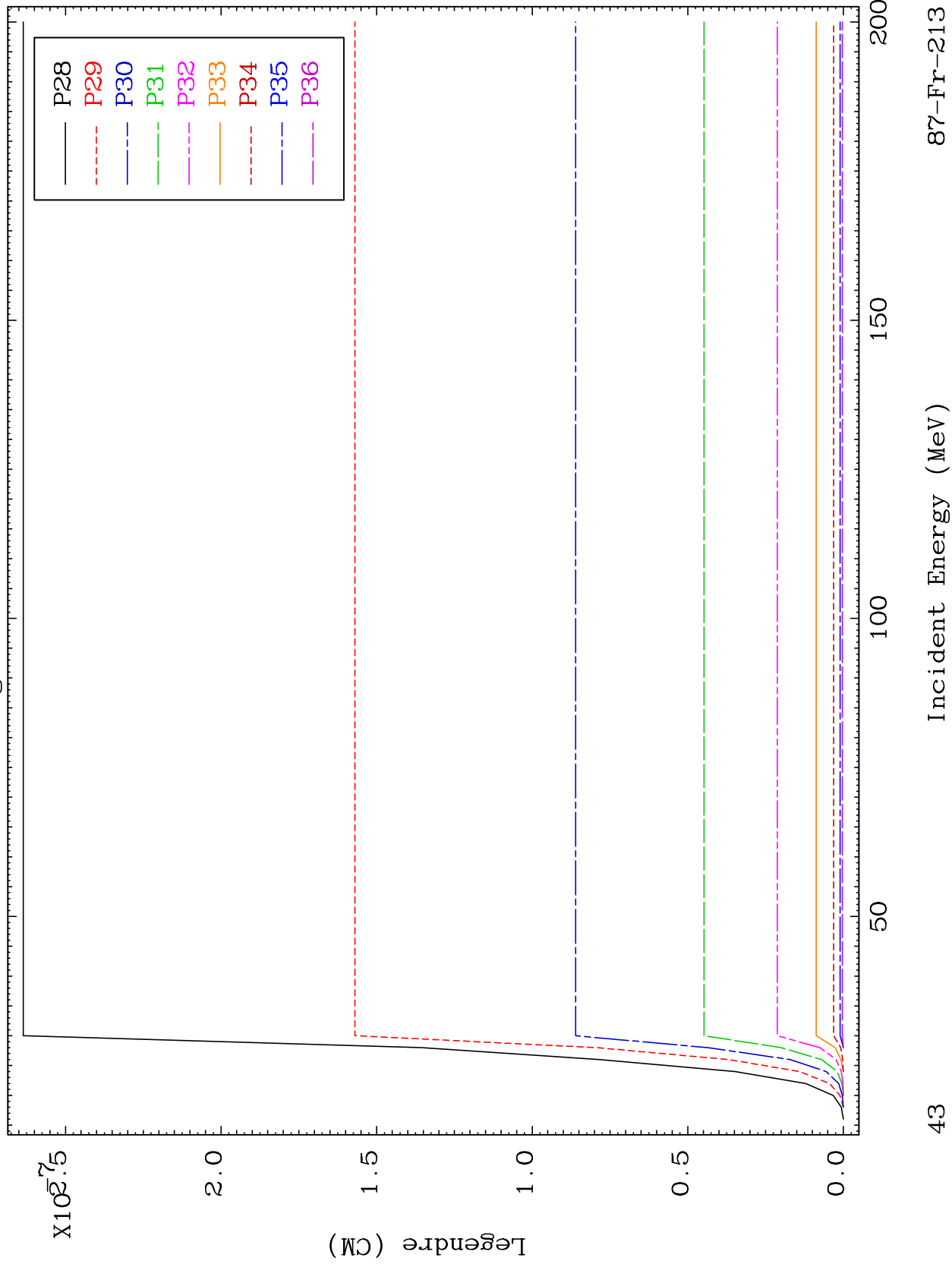
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MAT 8728

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

87-Fr-213



43

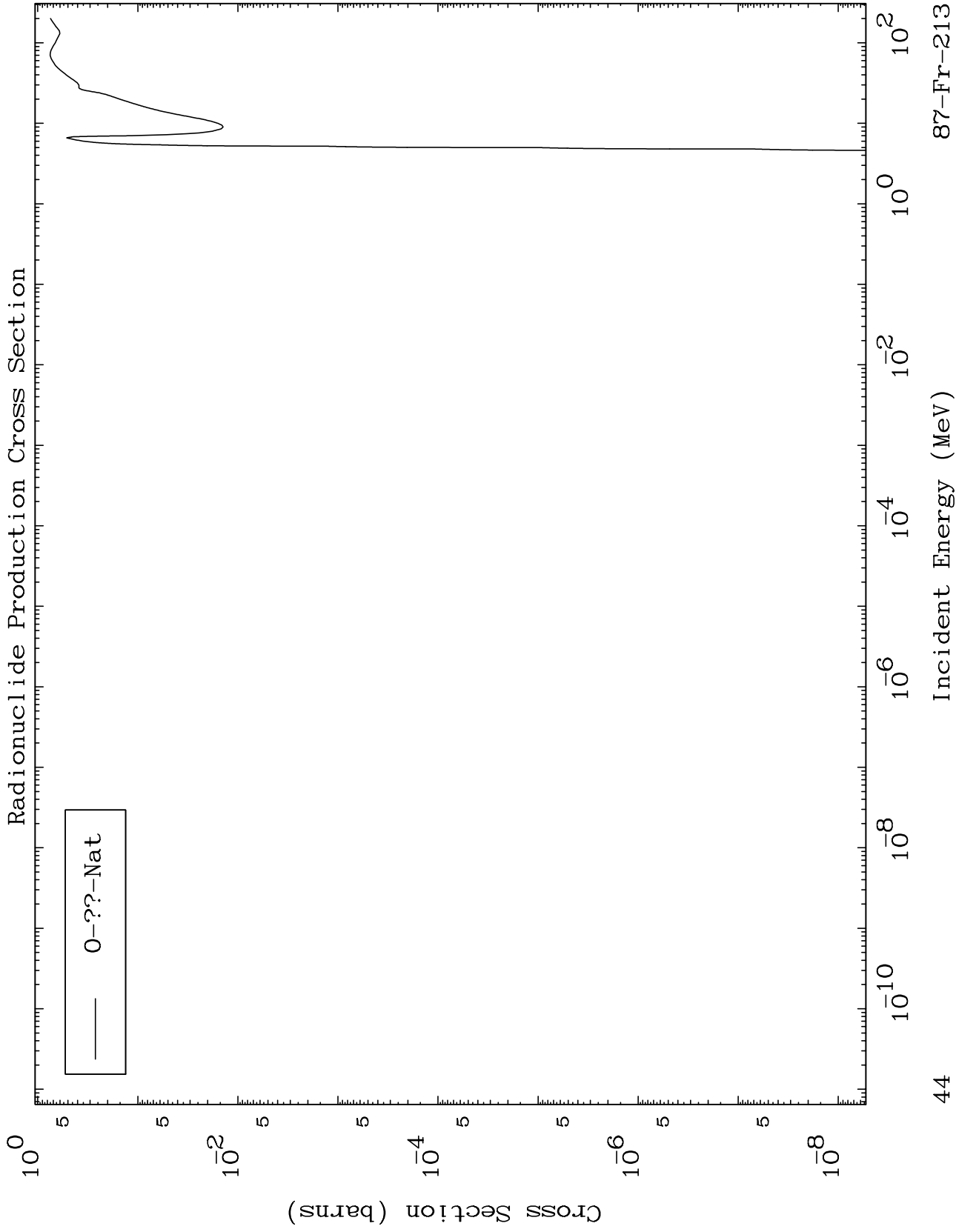
Incident Energy (MeV)

87-Fr-213

MAT 8728

Fission

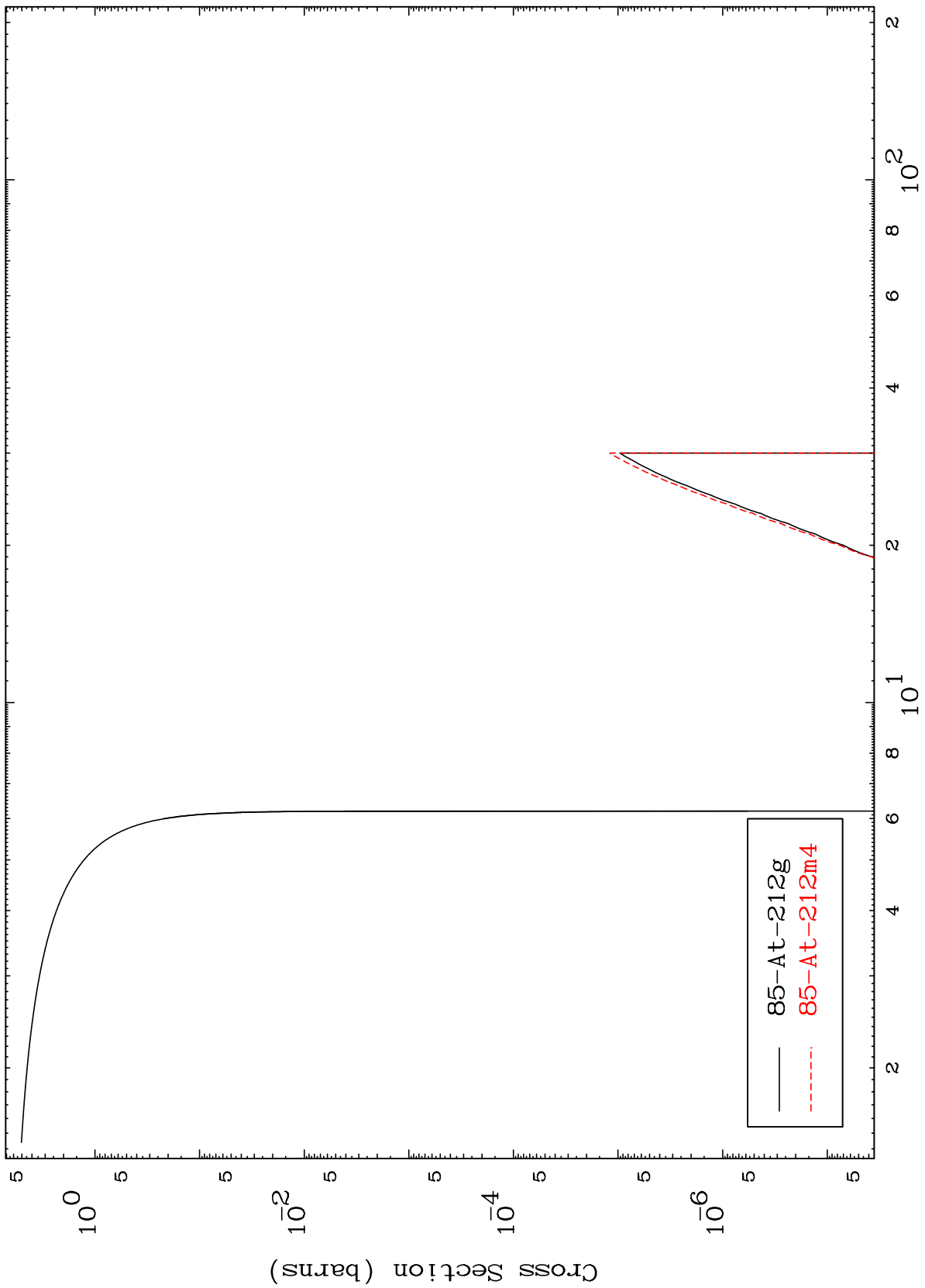
87-Fr-213



MAT 8728

87-Fr-213

(n,2p)
Radionuclide Production Cross Section



45

87-Fr-213

Incident Energy (MeV)