

Program EVALPLOT
(Version 2021-1)

by

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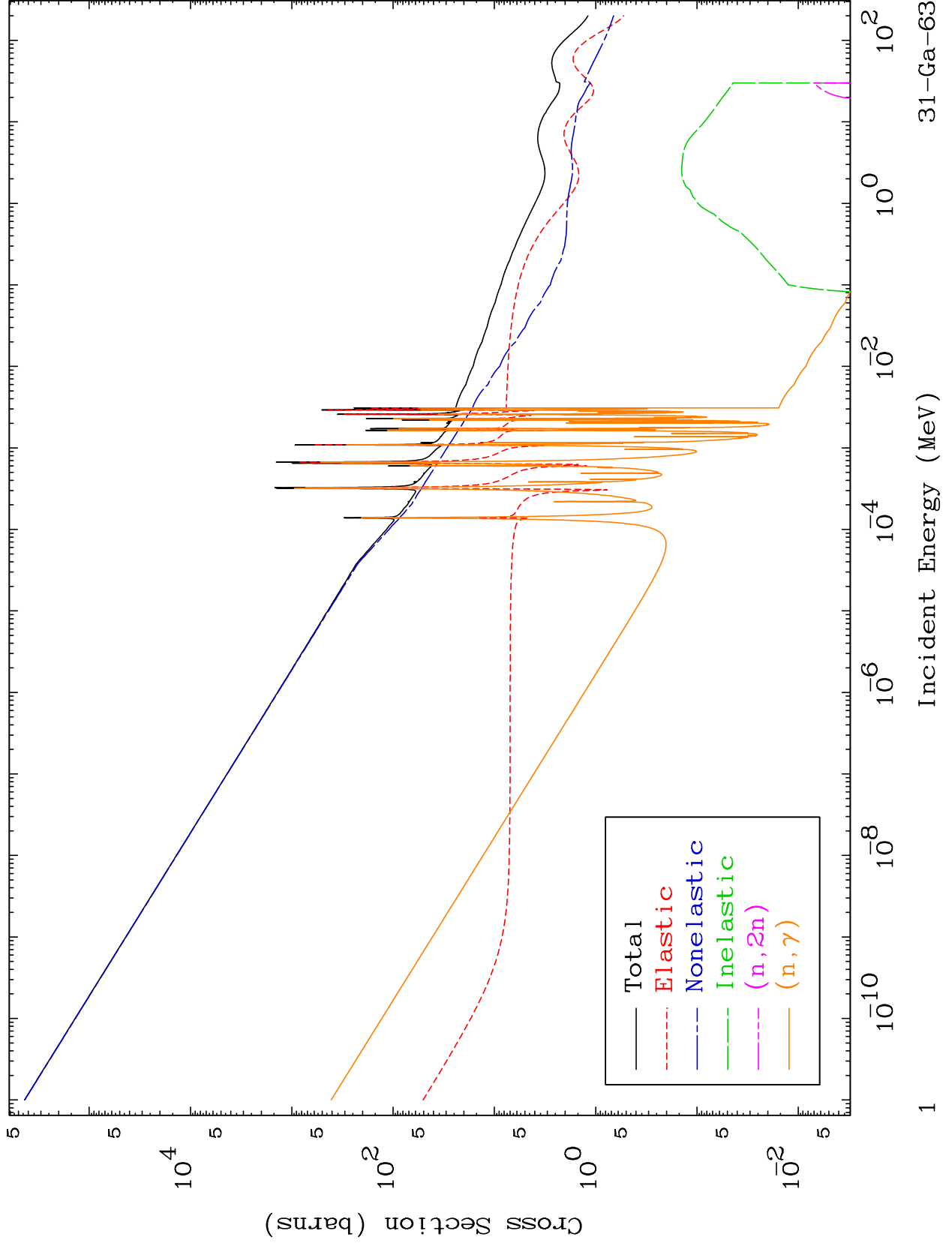
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Press Mouse Button to Start

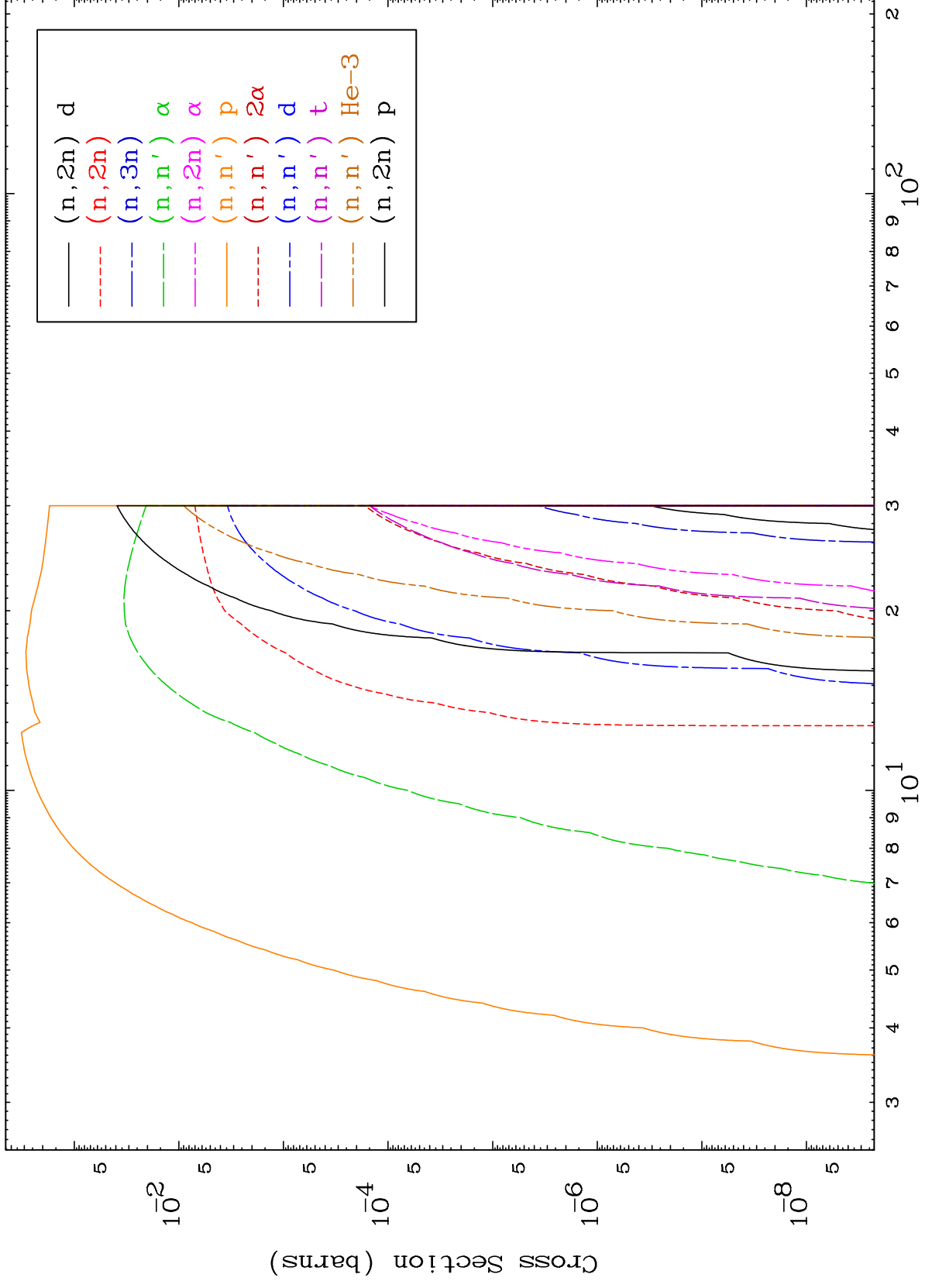
MAT 3107

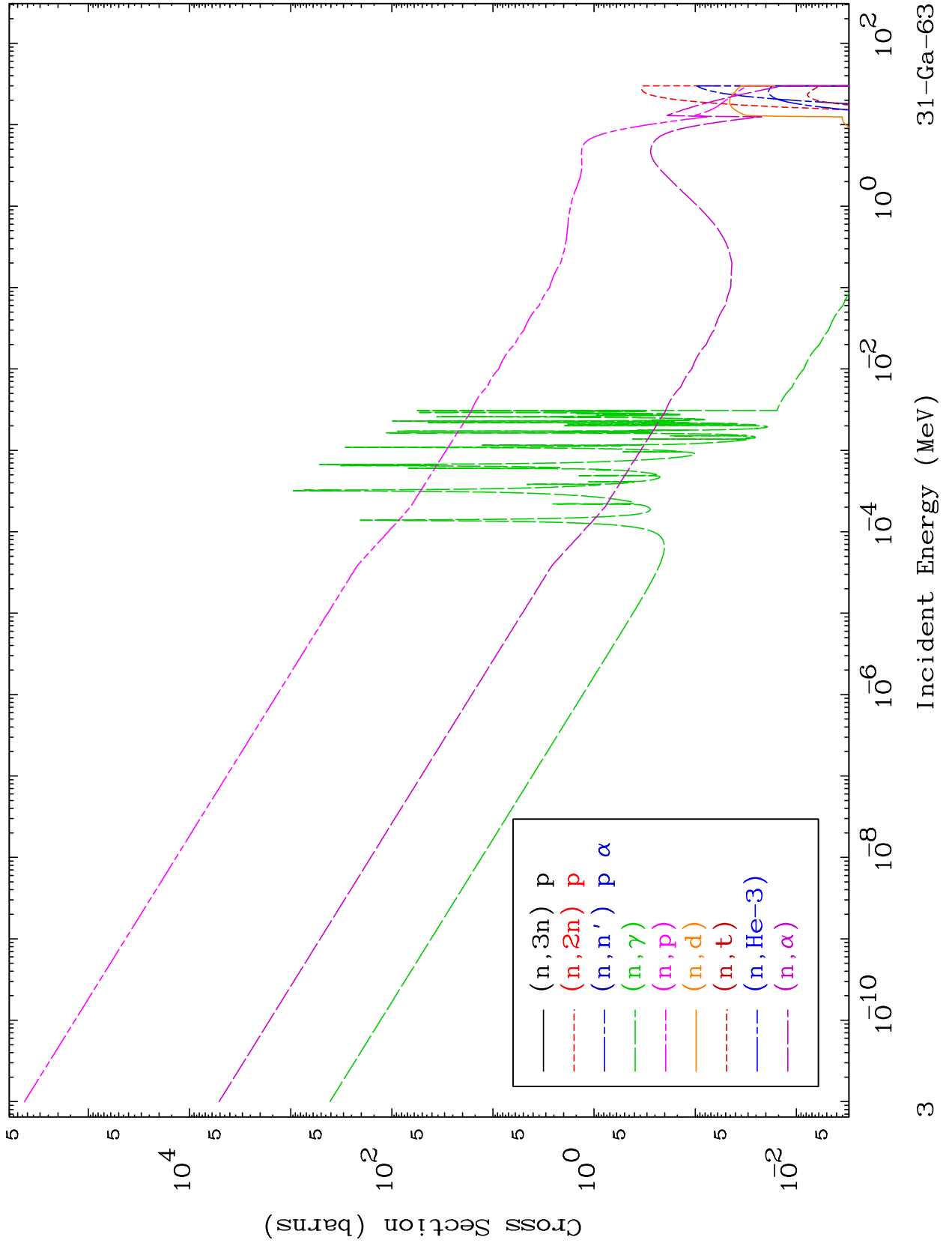
Neutron Major
293 Kelvin Cross Sections

31-Ga-63



Neutron Absorption
293 Kelvin Cross Sections

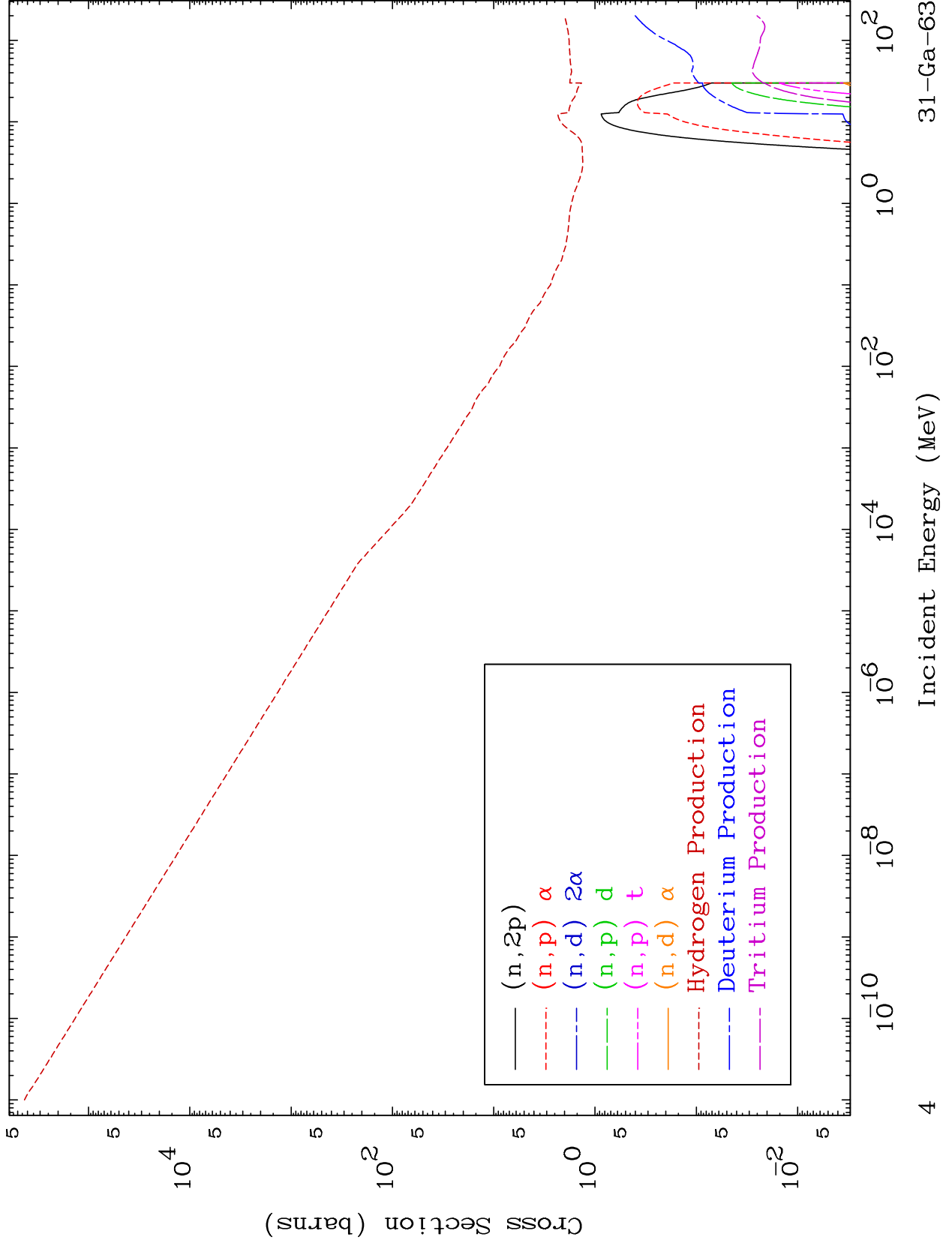


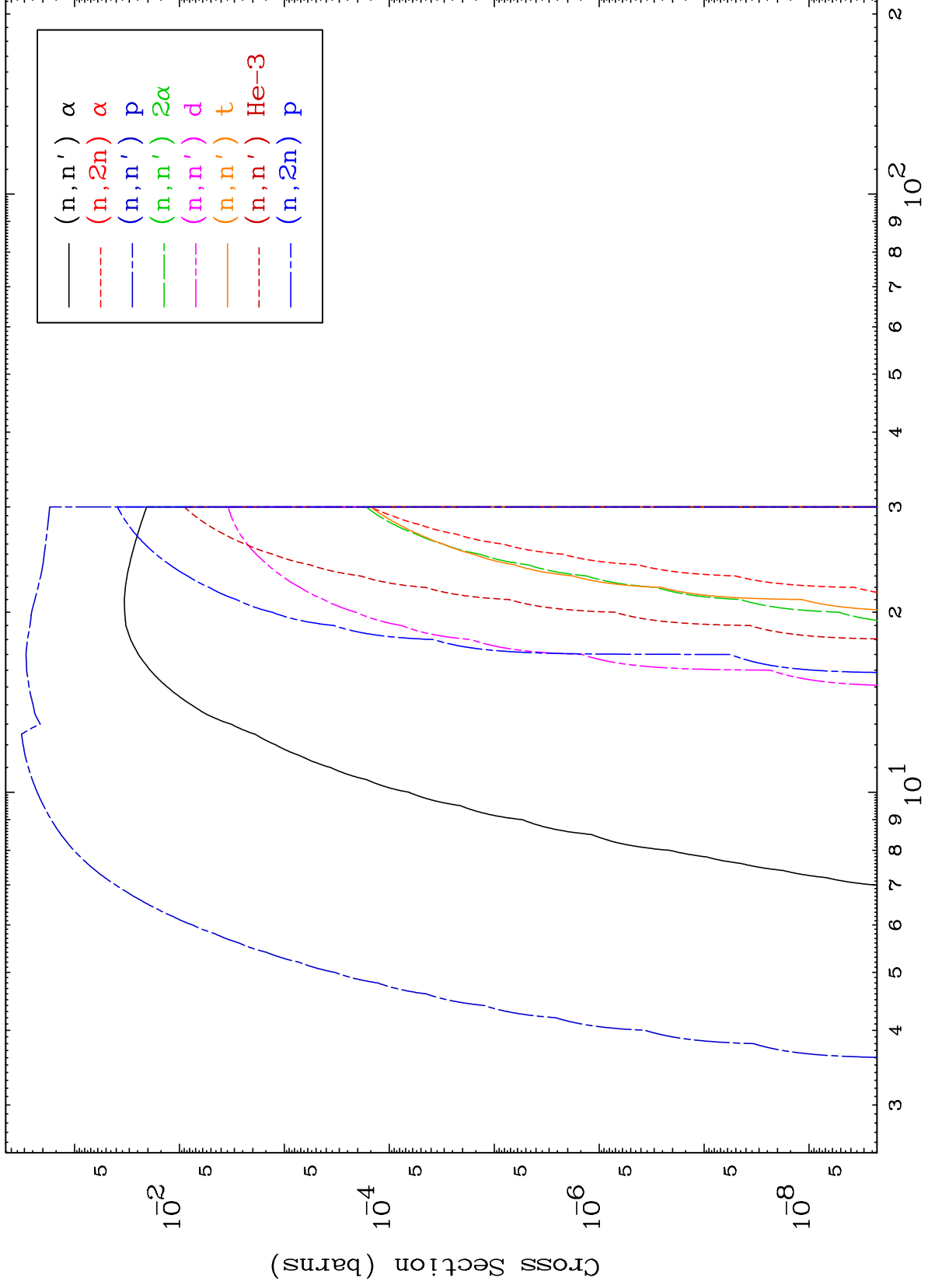


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Neutron Absorption
293 Kelvin Cross Sections

31-Ga-63

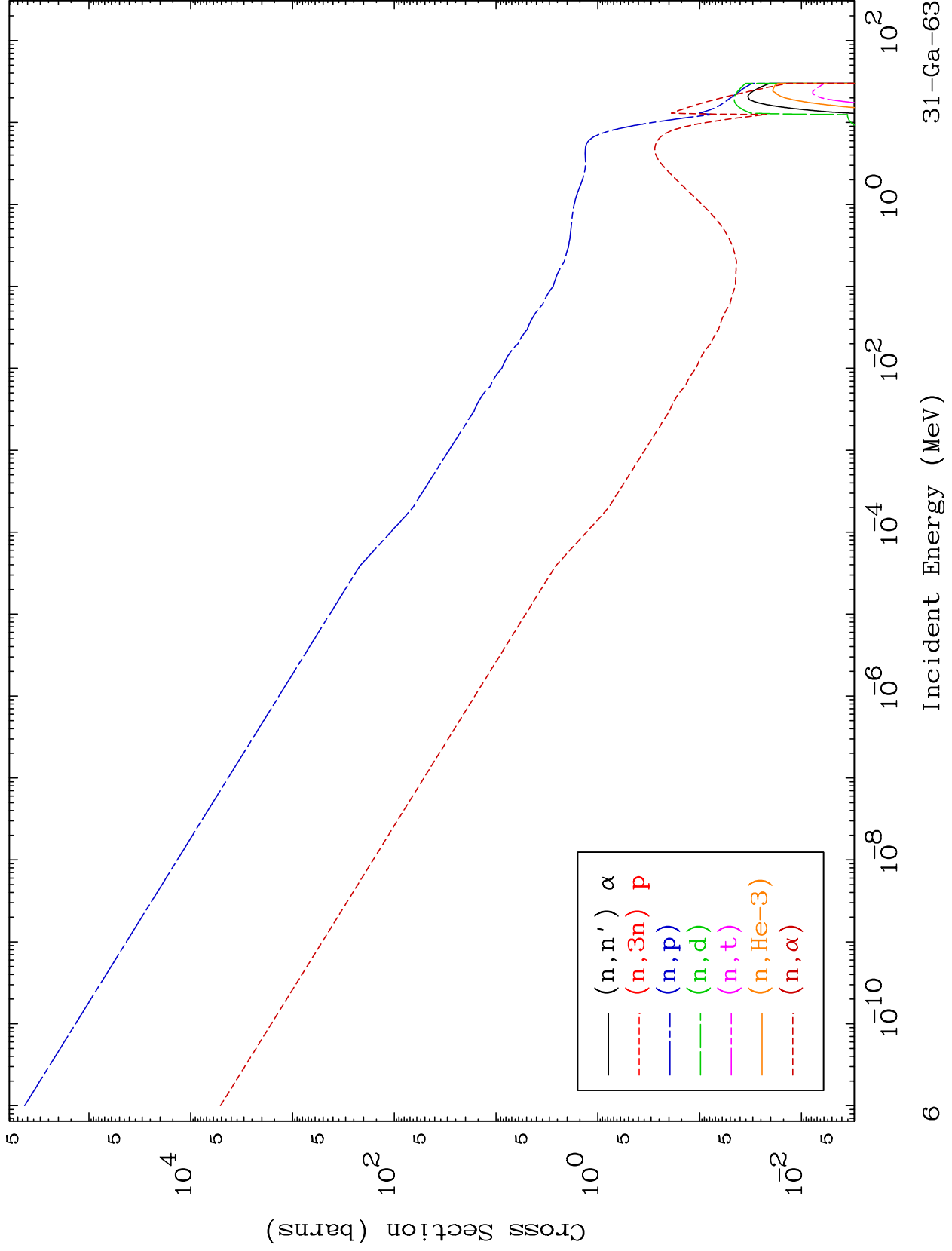




MAT 3107

Charged Particle
293 Kelvin Cross Sections

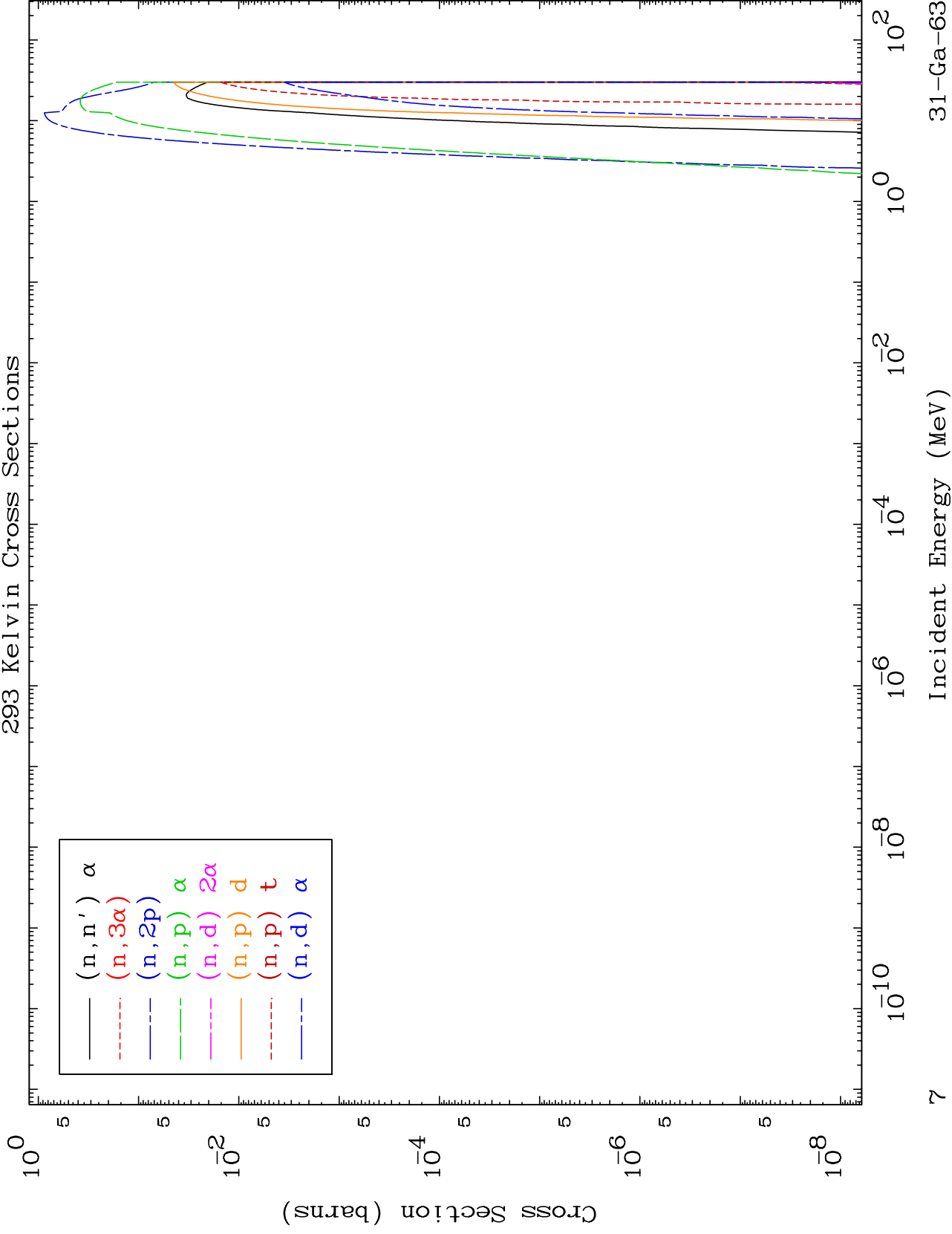
31-Ga-63

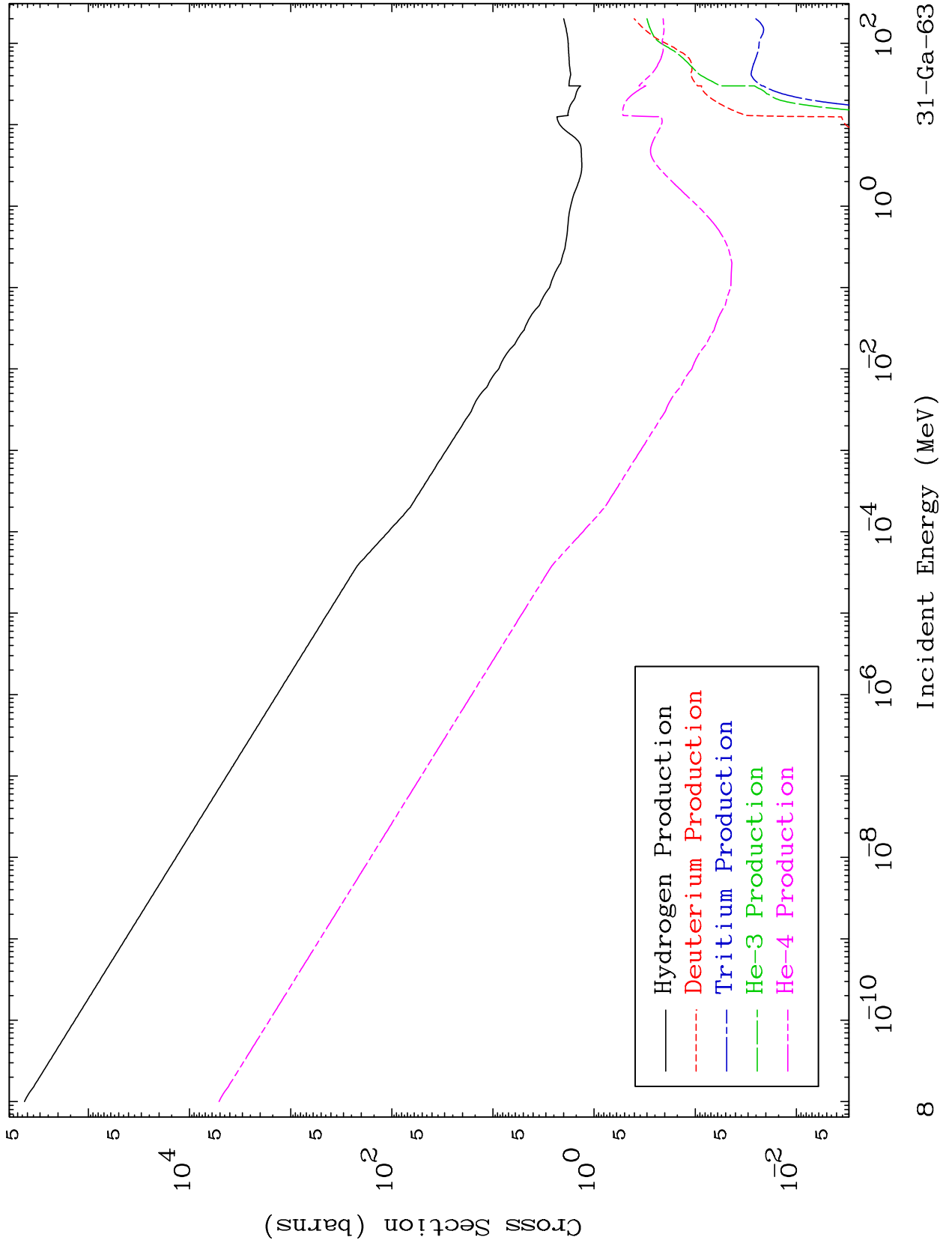


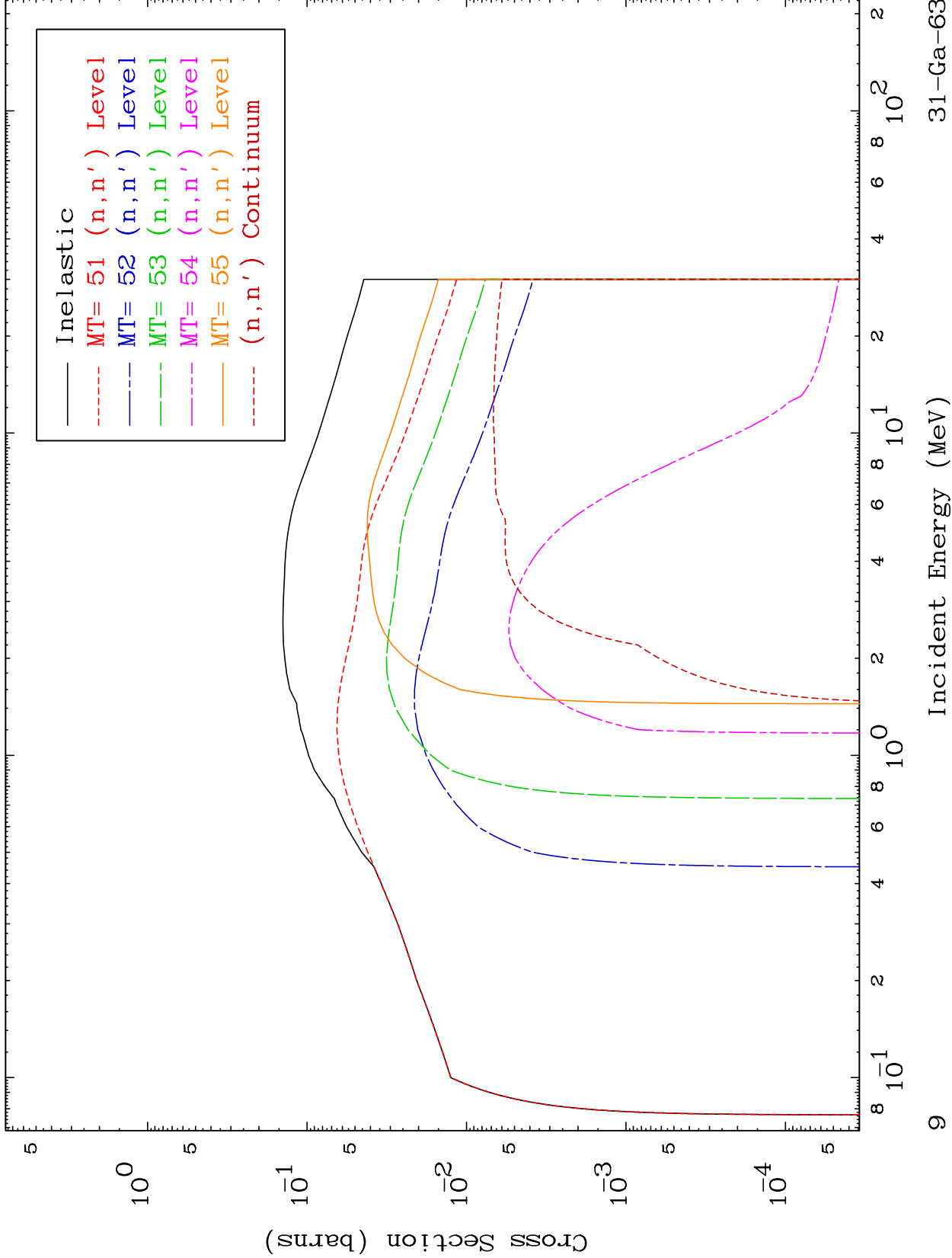
MAT 3107

Charged Particle
293 Kelvin Cross Sections

31-Ga-63



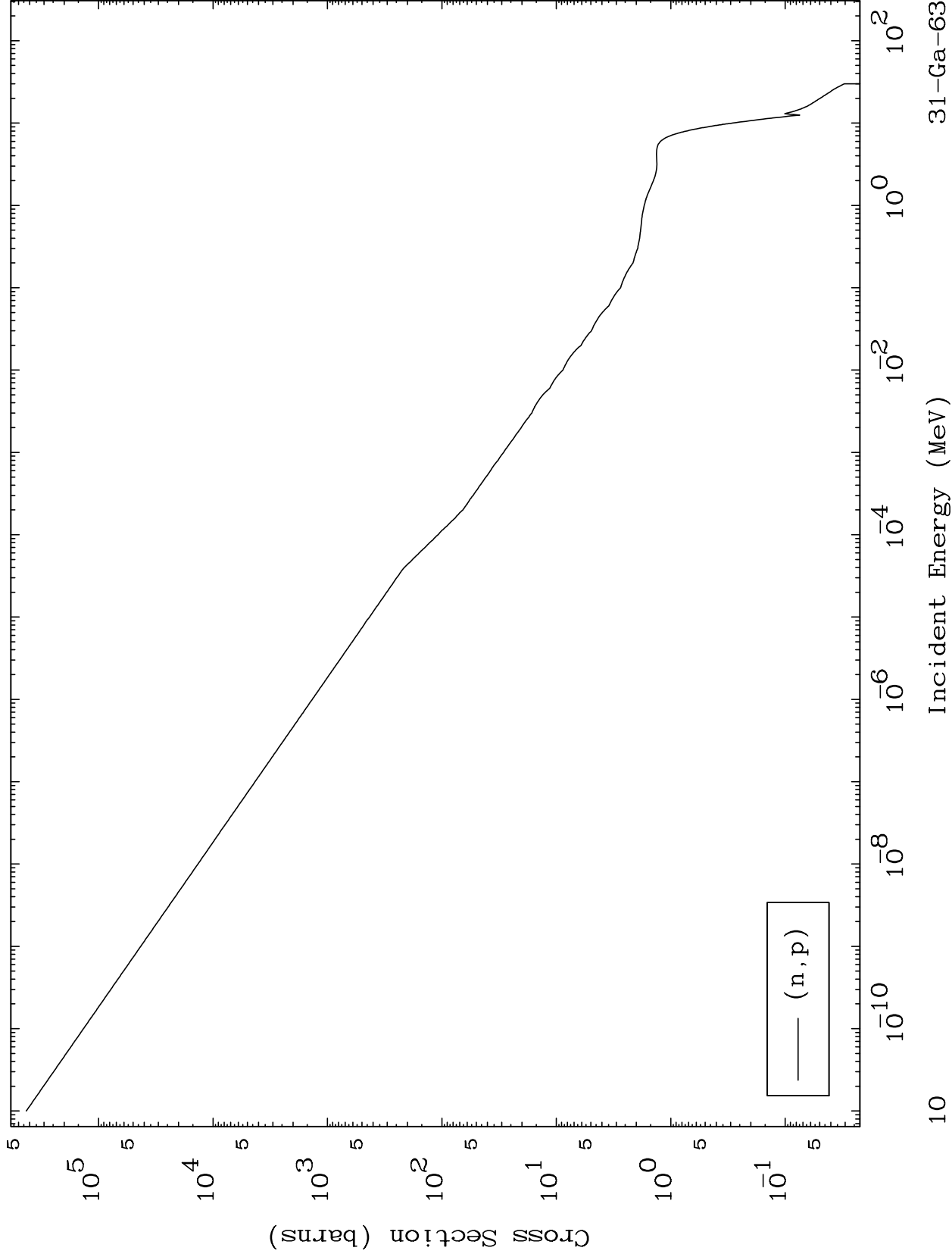




MAT 3107

(n,p) Levels
293 Kelvin Cross Sections

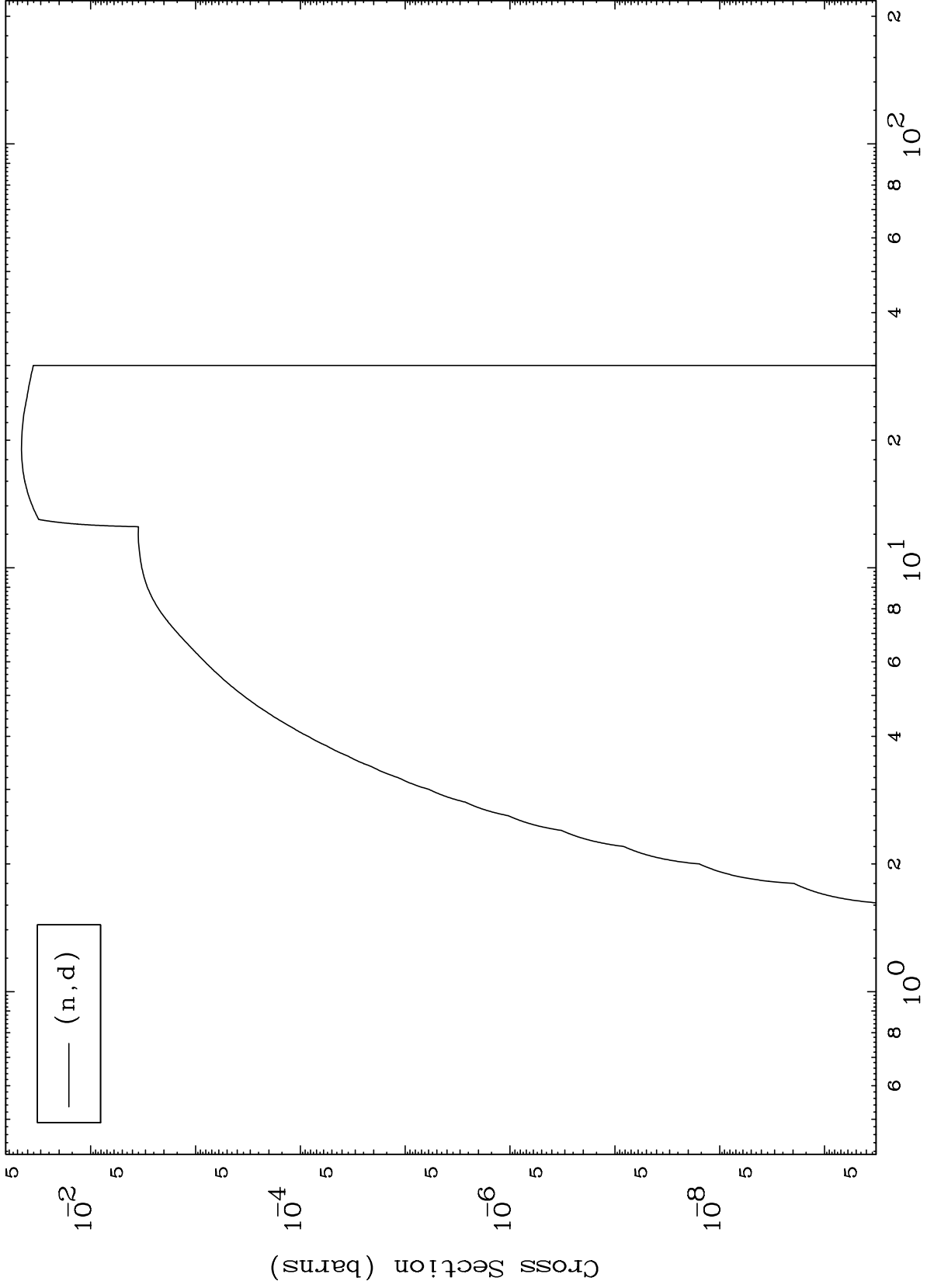
31-Ga-63



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(n,d) Levels
293 Kelvin Cross Sections

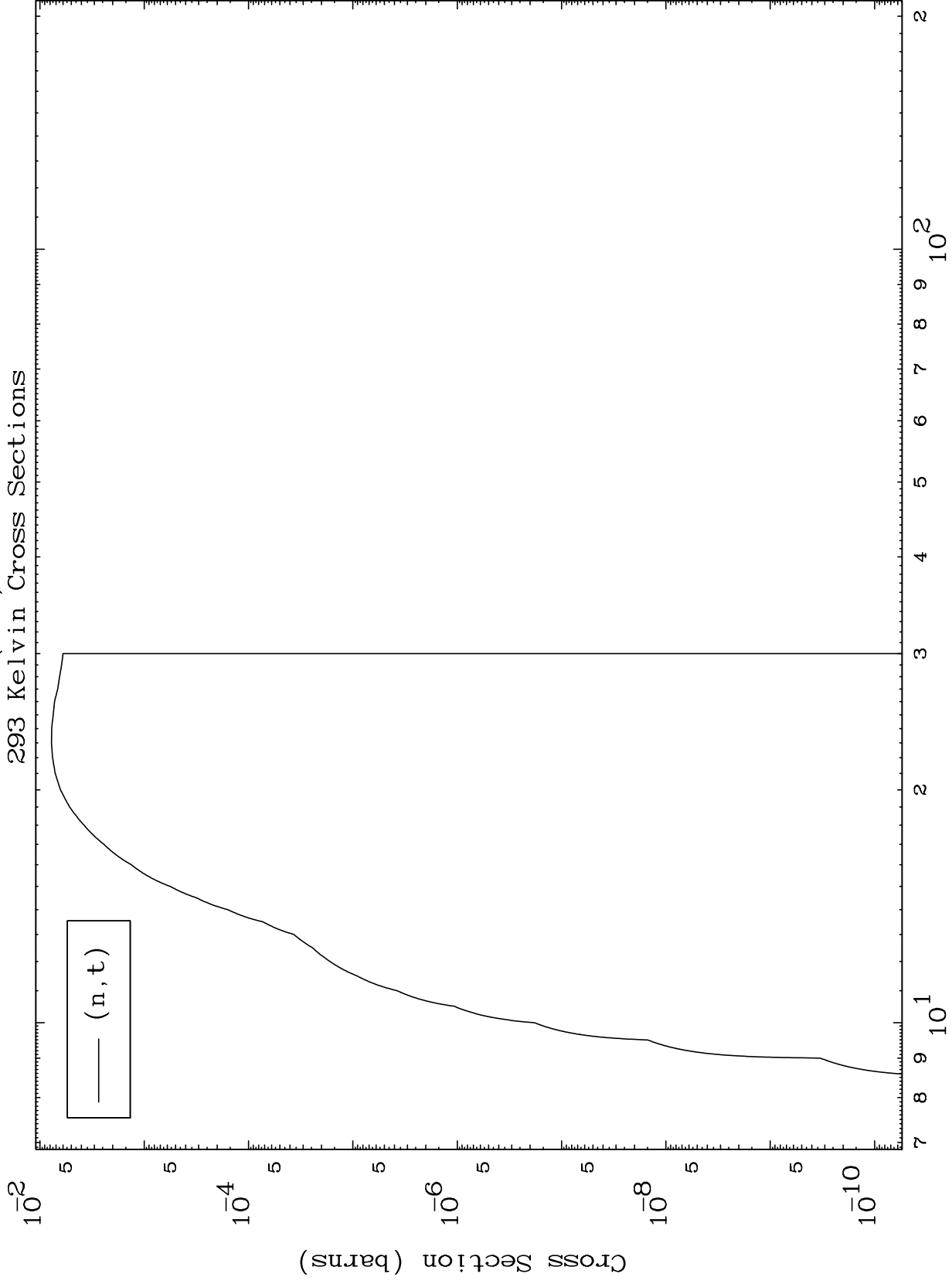
31-Ga-63



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(n,t) Levels
293 Kelvin Cross Sections

31-Ga-63



12

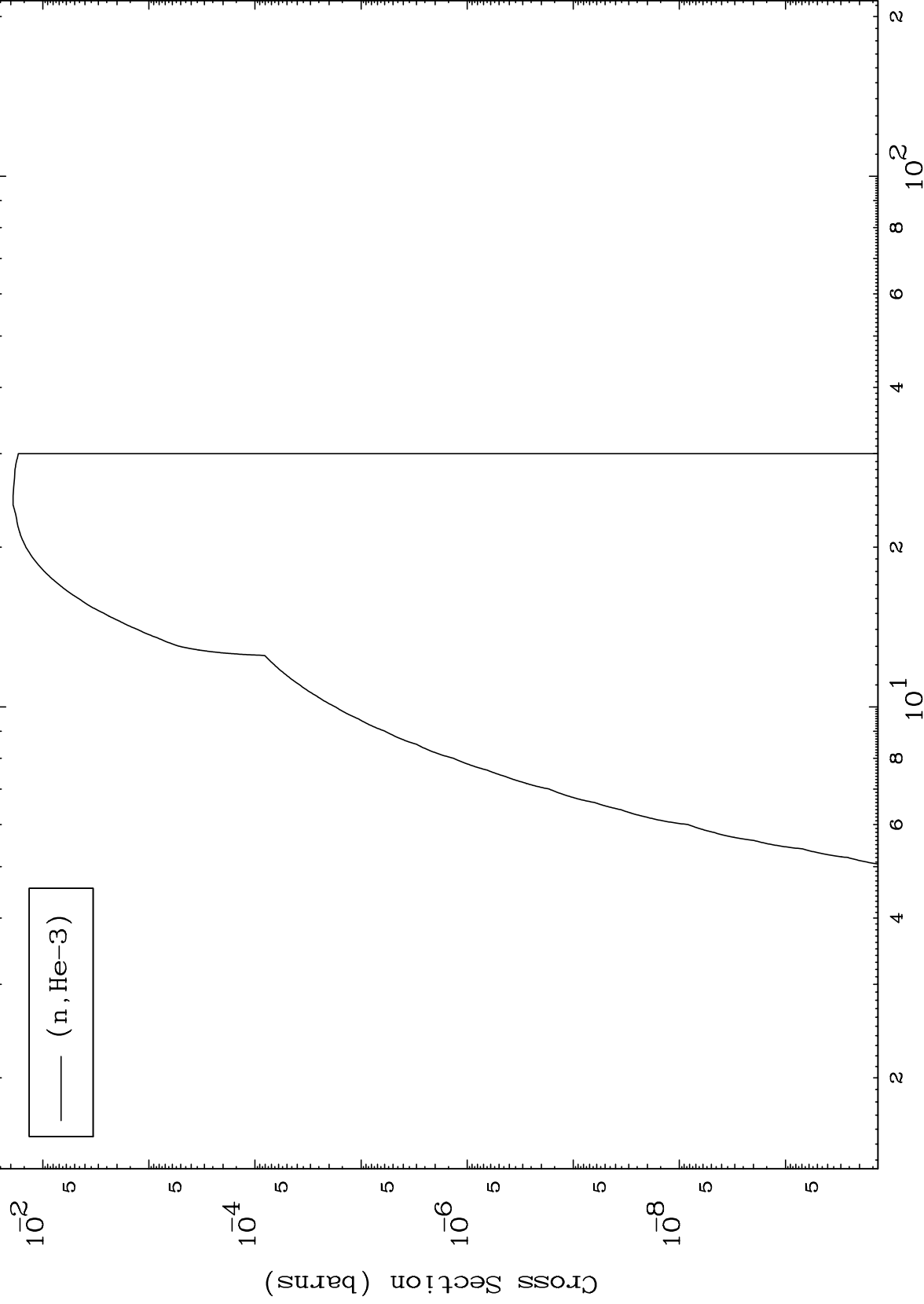
Incident Energy (MeV)

31-Ga-63

MAT 3107

(n,He3) Levels
293 Kelvin Cross Sections

31-Ga-63



13

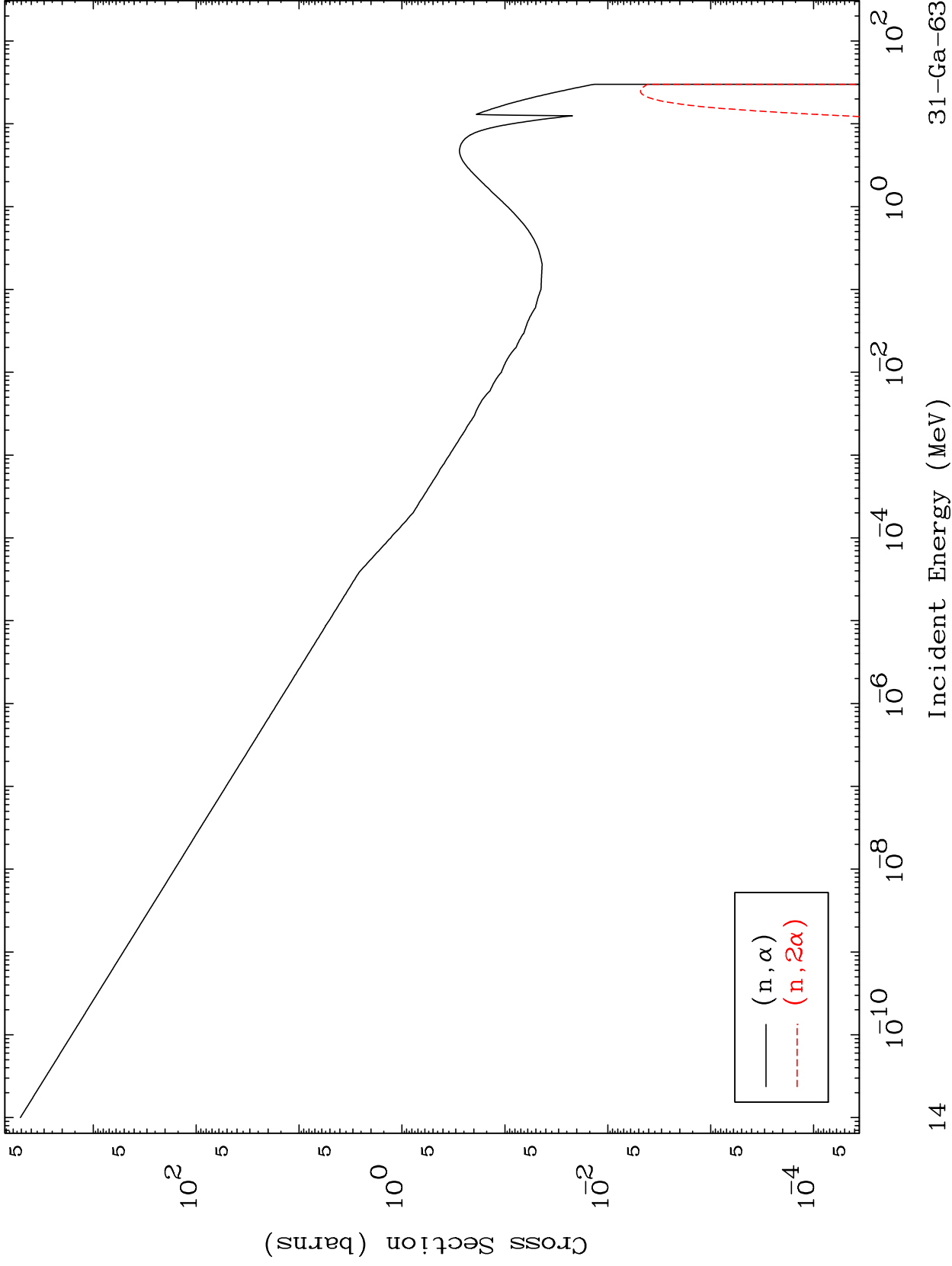
Incident Energy (MeV)

31-Ga-63

MAT 3107

(n,α) Levels
293 Kelvin Cross Sections

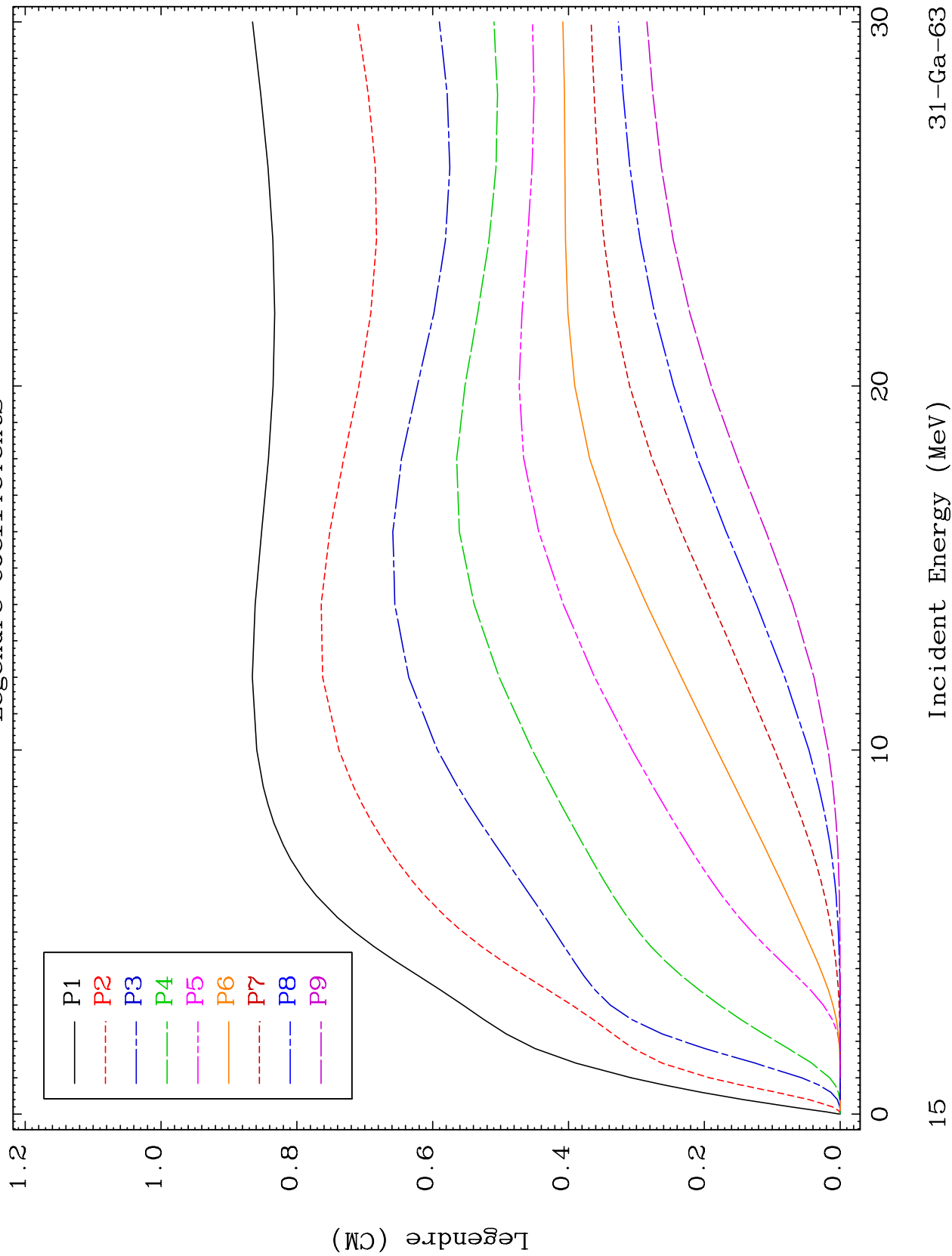
31-Ga-63



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Elastic Legendre Coefficients

³¹Ga-63



³¹Ga-63

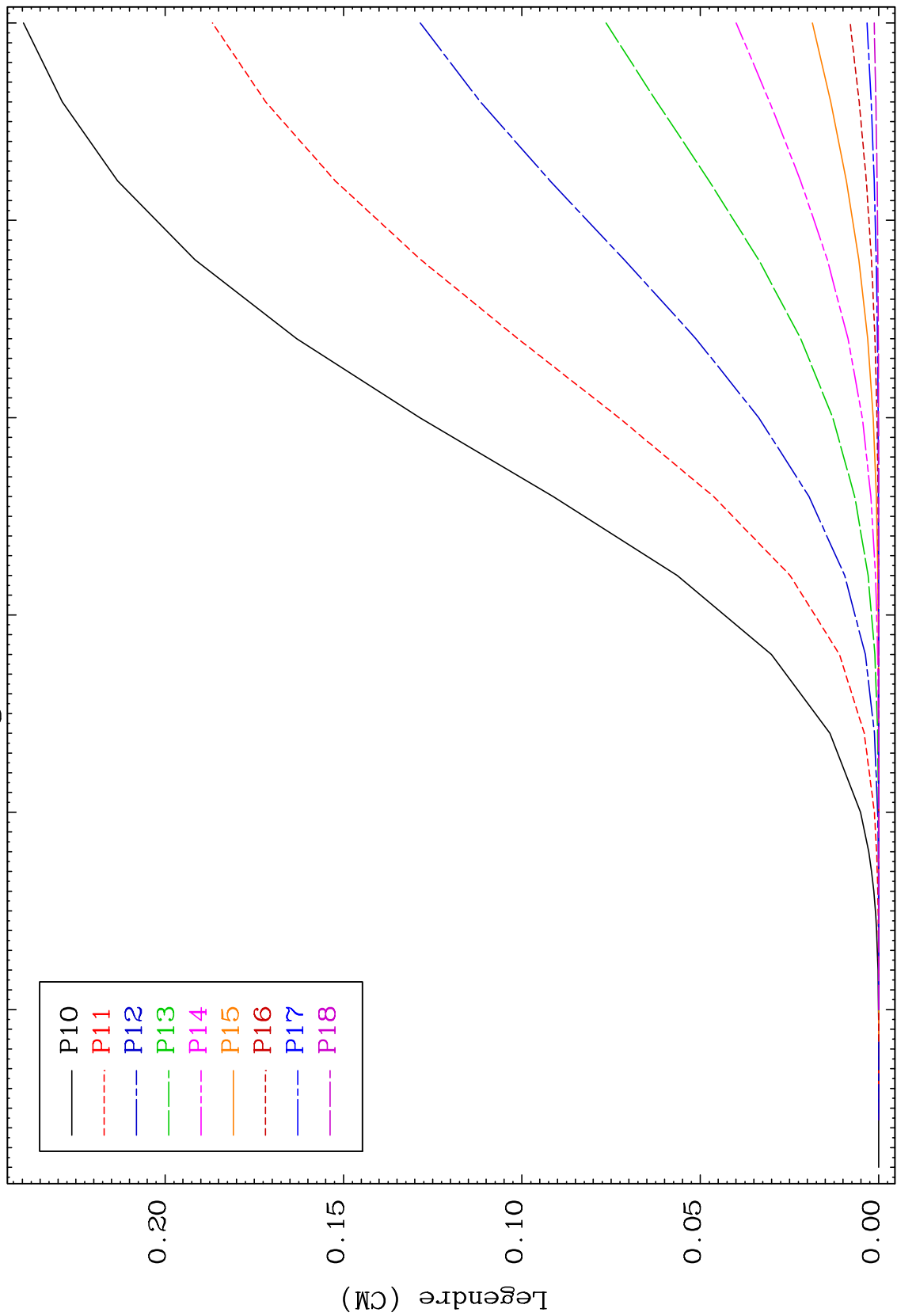
Incident Energy (MeV)

15

MAT 3107

Elastic Legendre Coefficients

31-Ga-63



16

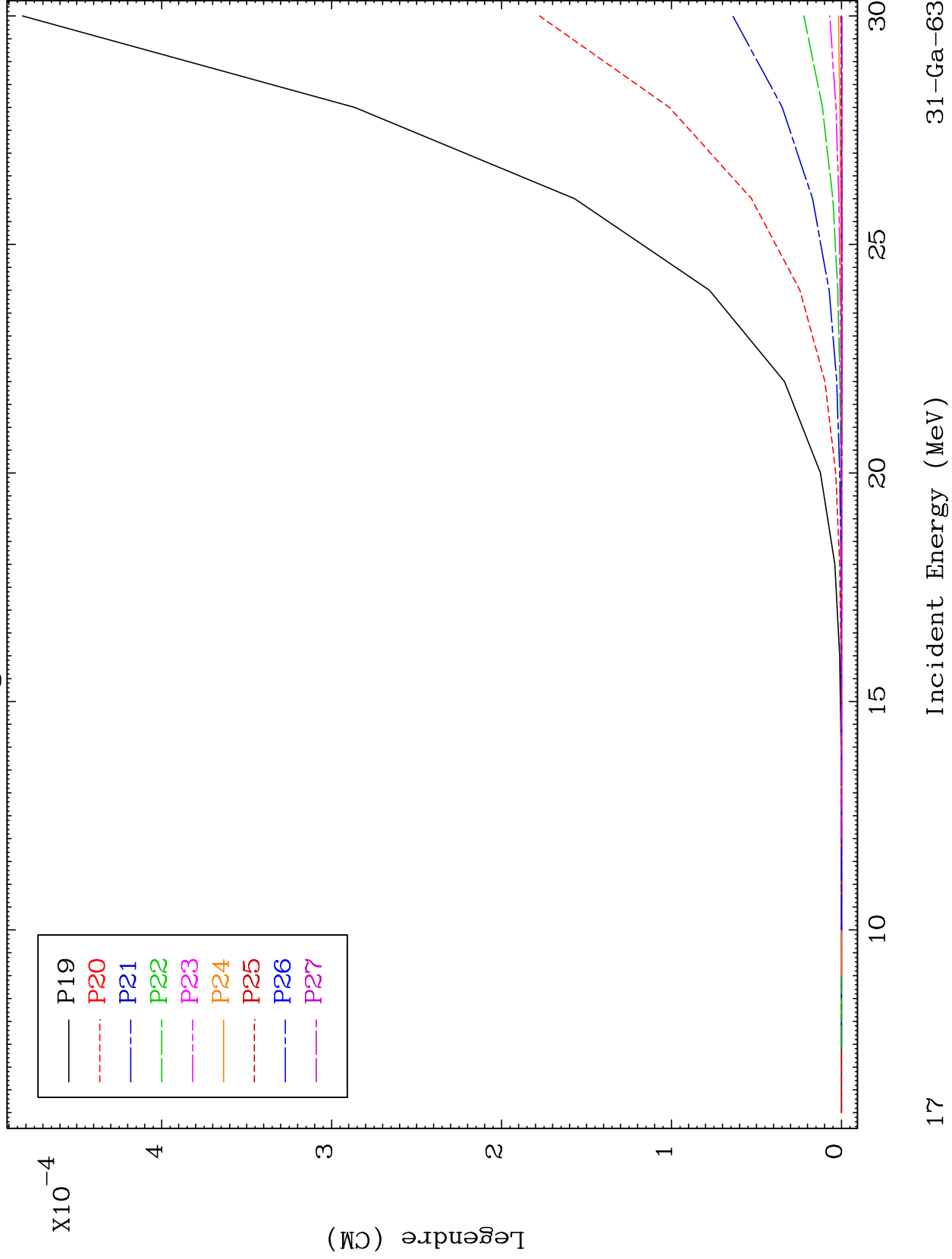
Incident Energy (MeV)

31-Ga-63

MAT 3107

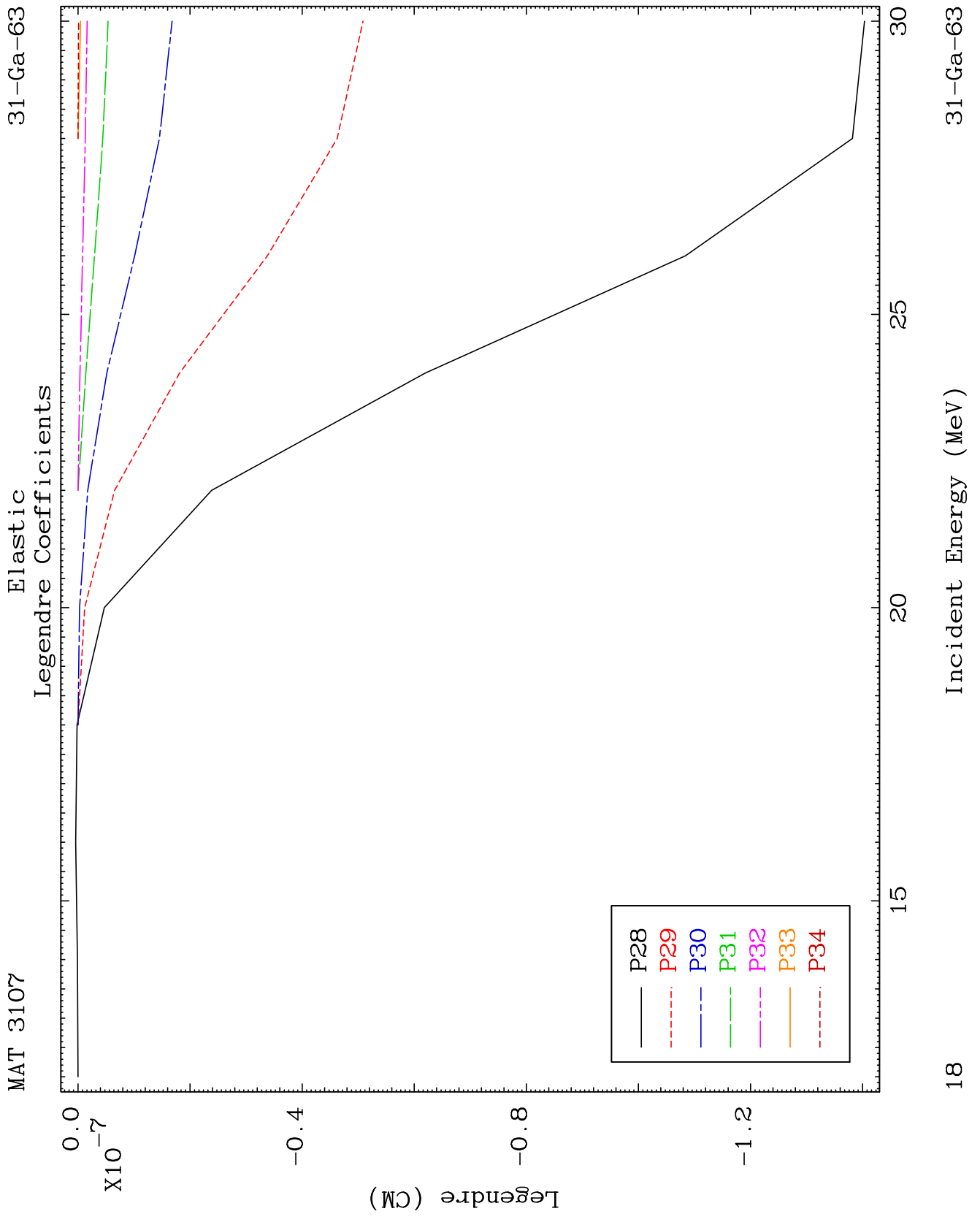
Elastic
Legendre Coefficients

31-Ga-63



17

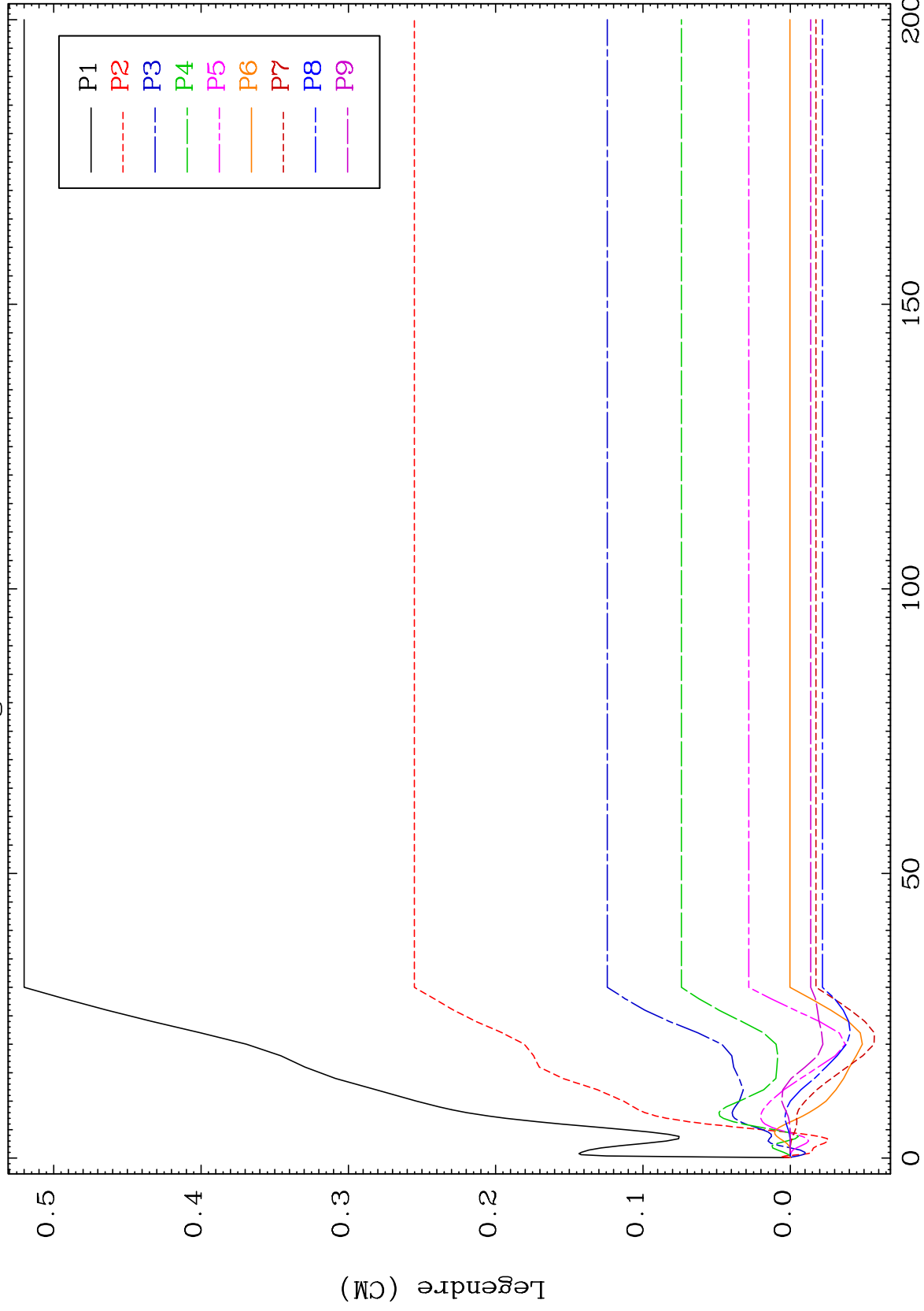
31-Ga-63



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

31-Ga-63



19

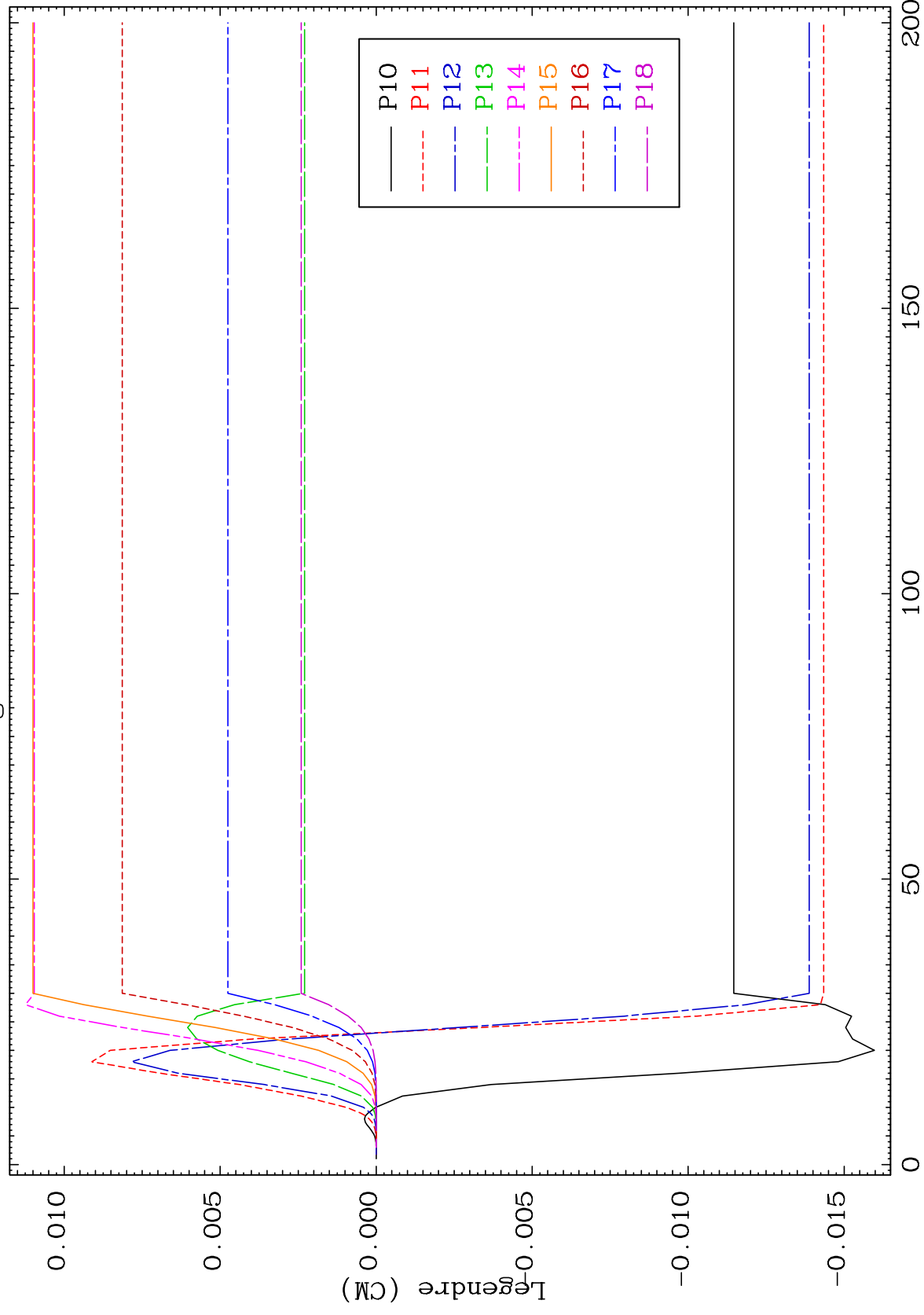
Incident Energy (MeV)

31-Ga-63

MAT 3107

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

31-Ga-63



0

50

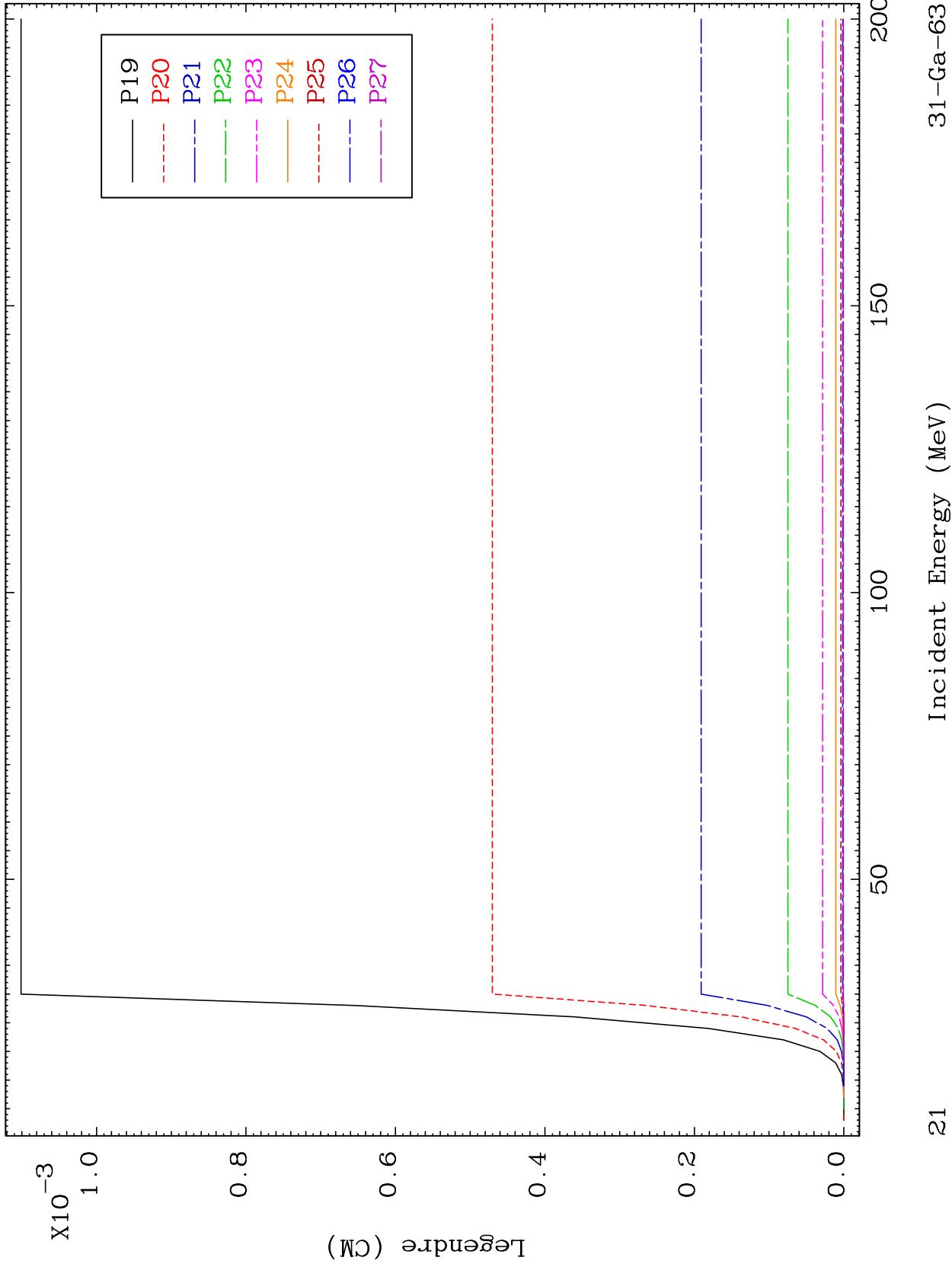
100

150

200

Incident Energy (MeV)

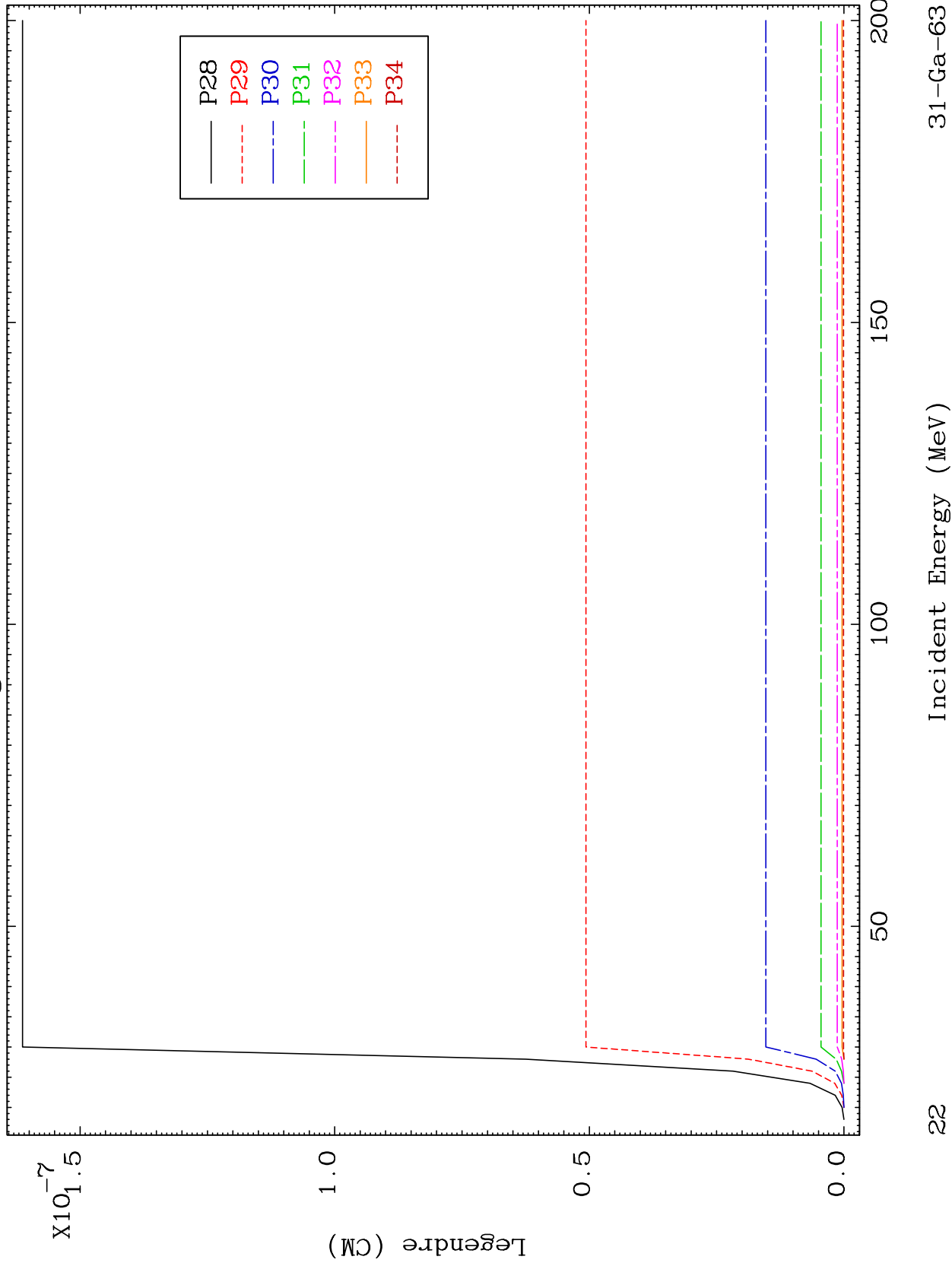
31-Ga-63



MAT 3107

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

31-Ga-63

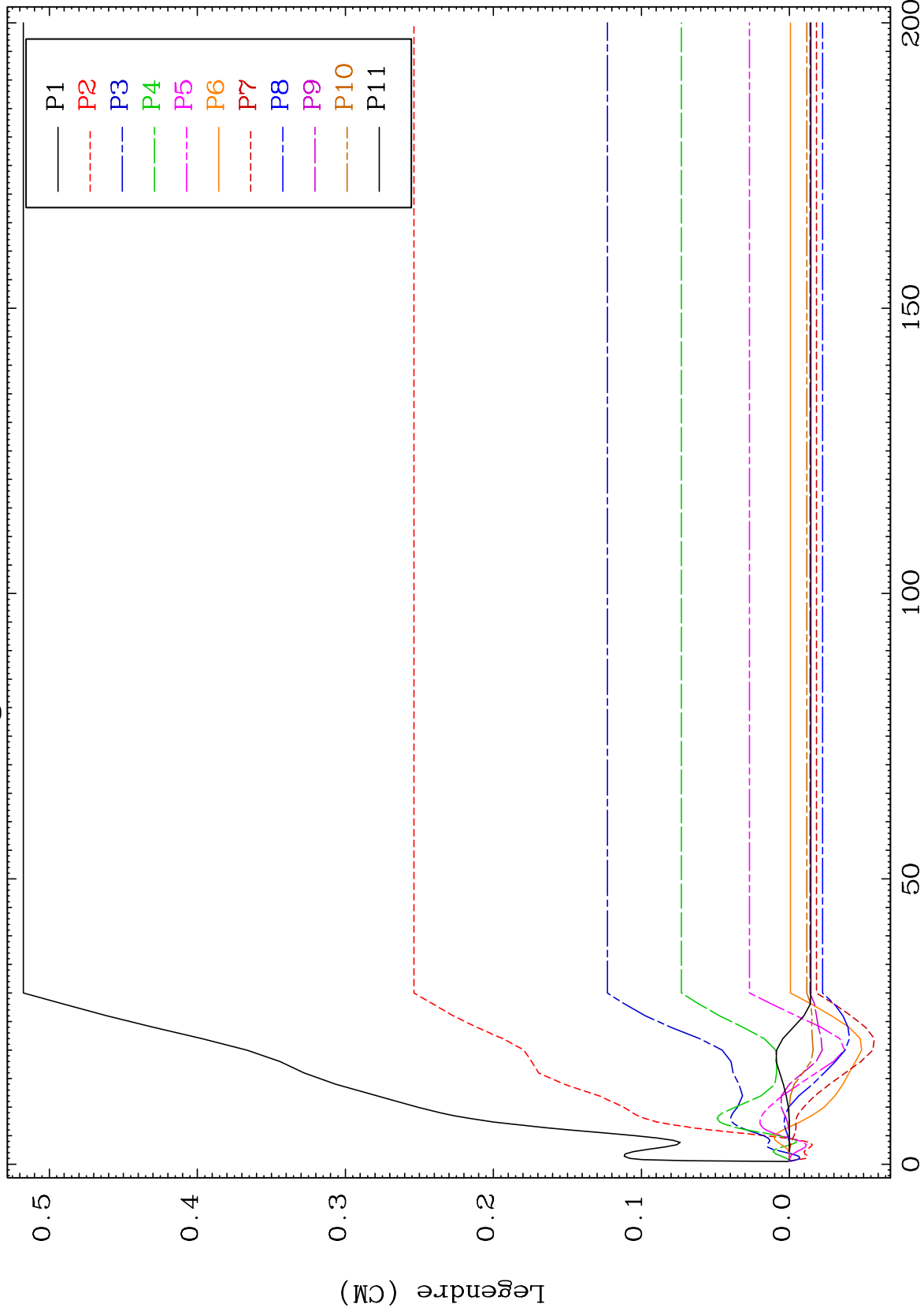


22

MAT 3107

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

31-Ga-63



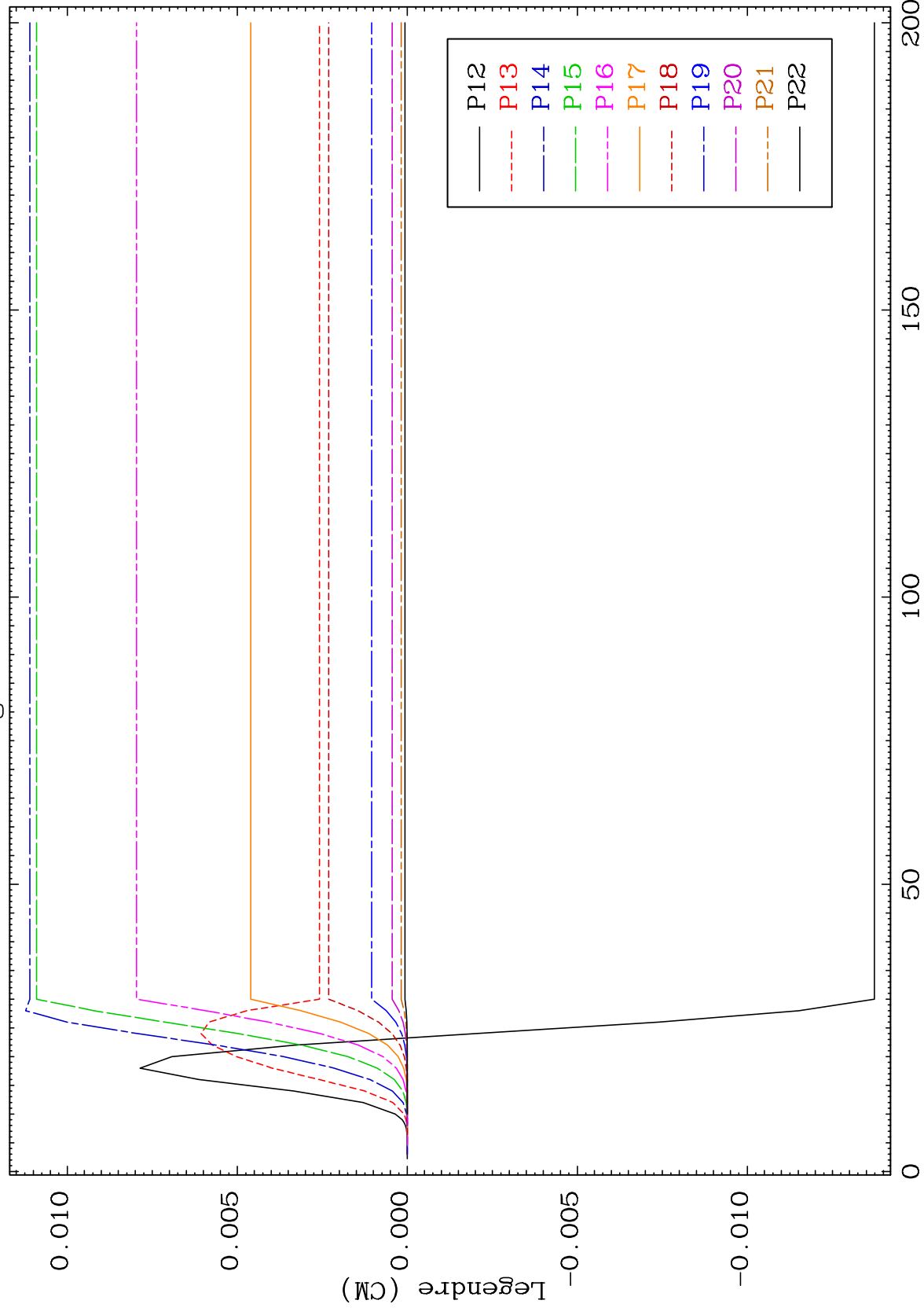
23

31-Ga-63

MAT 3107

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

31-Ga-63



24

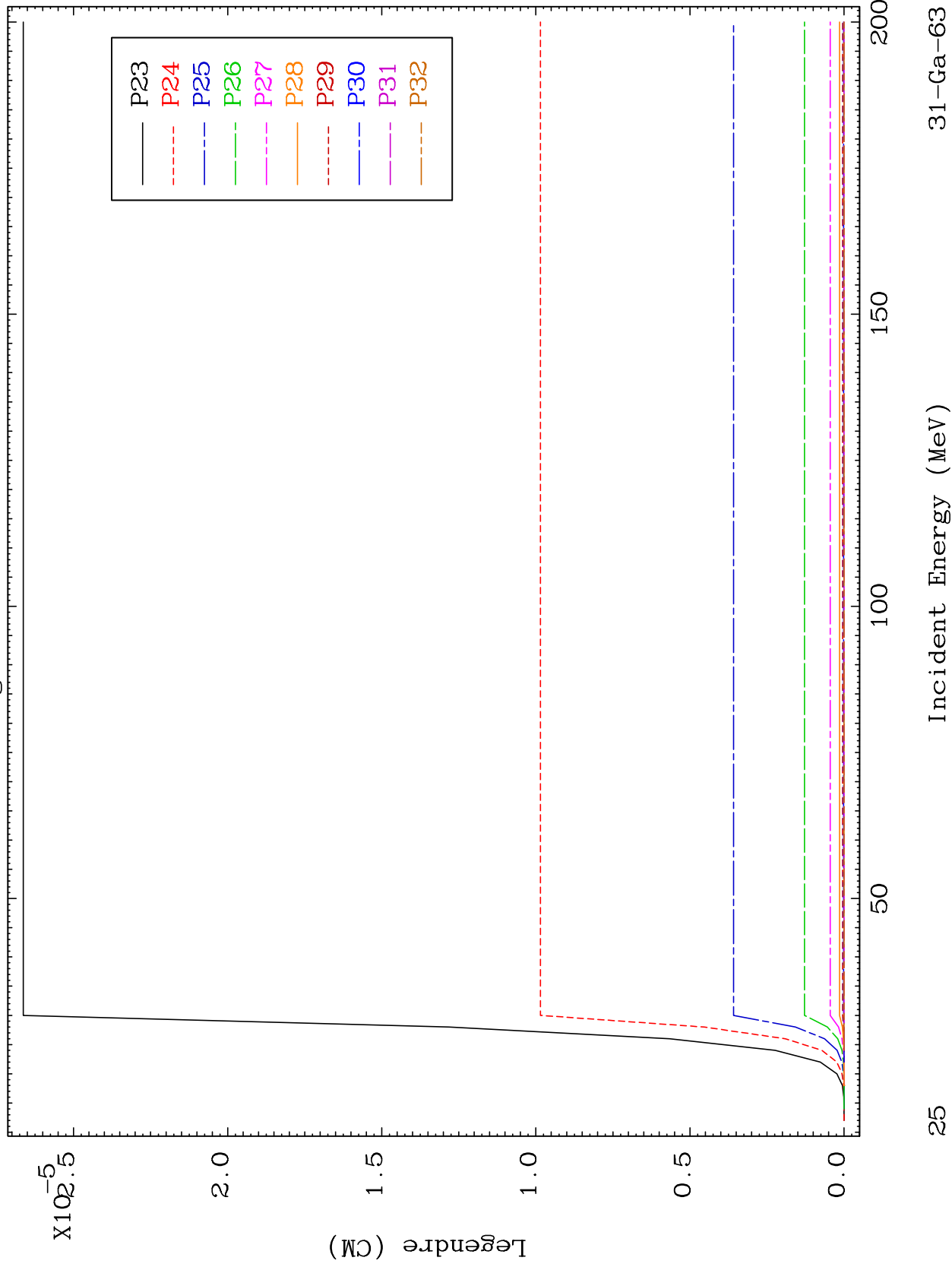
Incident Energy (MeV)

31-Ga-63

MAT 3107

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

31-Ga-63



25

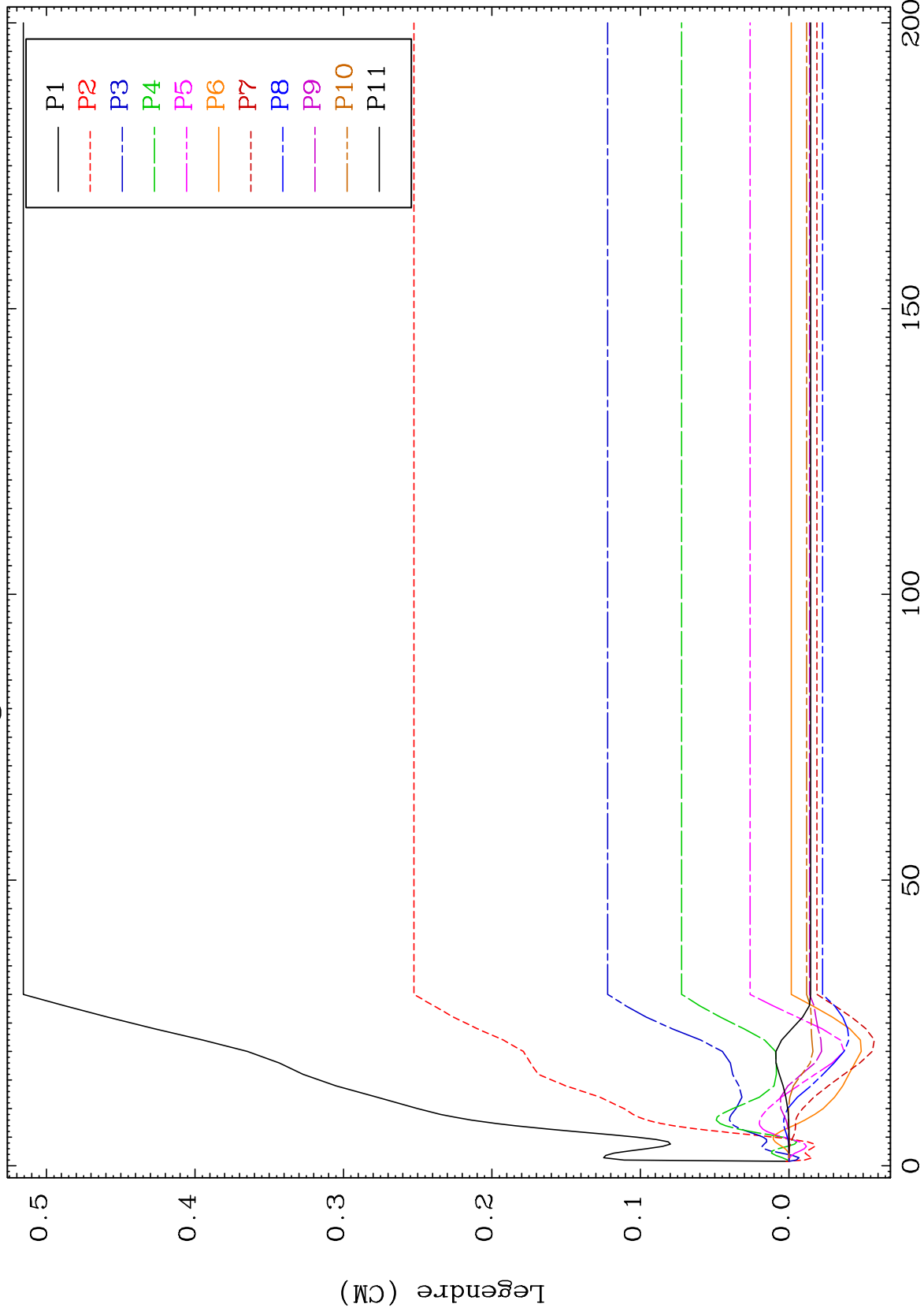
Incident Energy (MeV)

31-Ga-63

MAT 3107

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

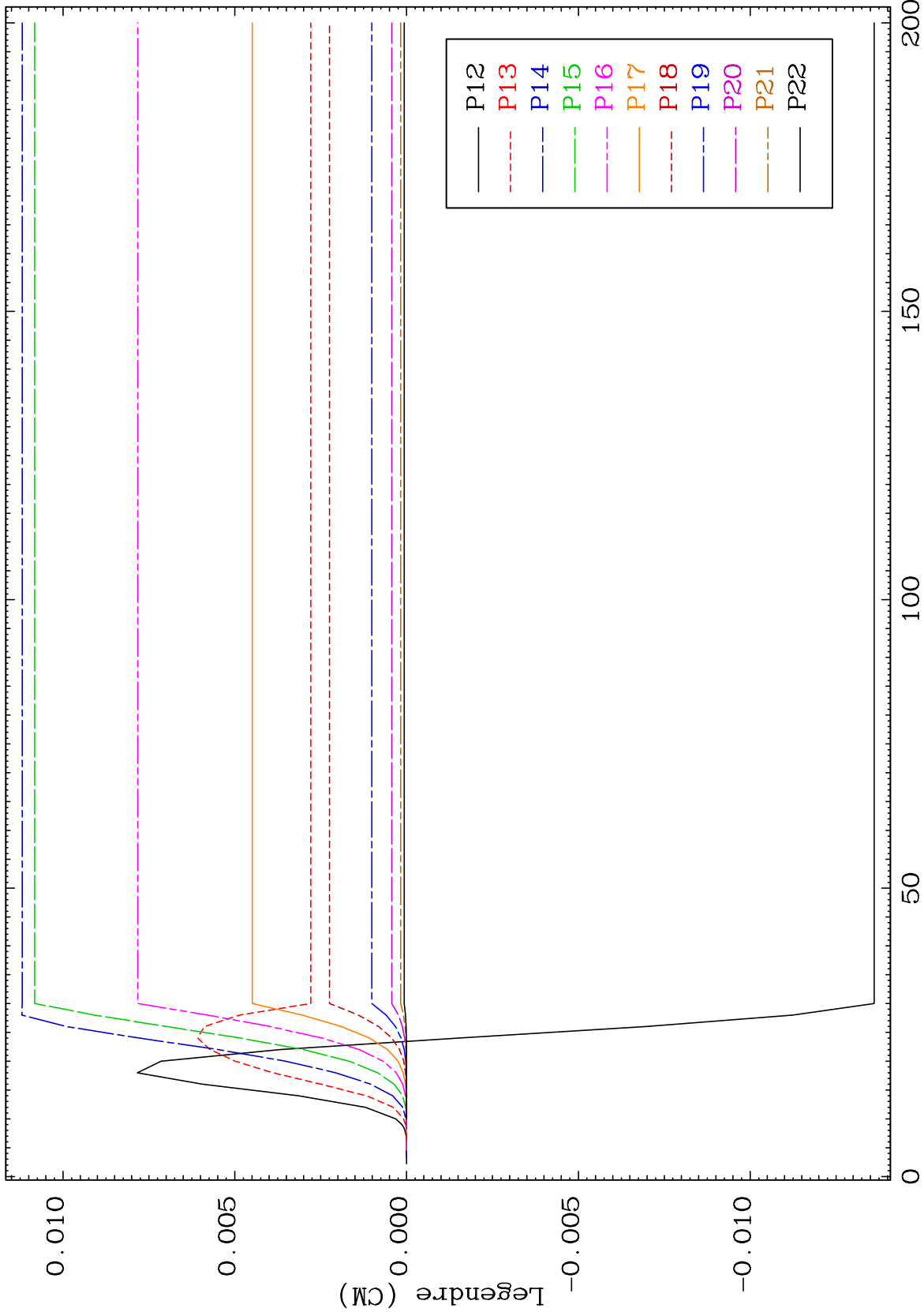
31-Ga-63



26

Incident Energy (MeV)

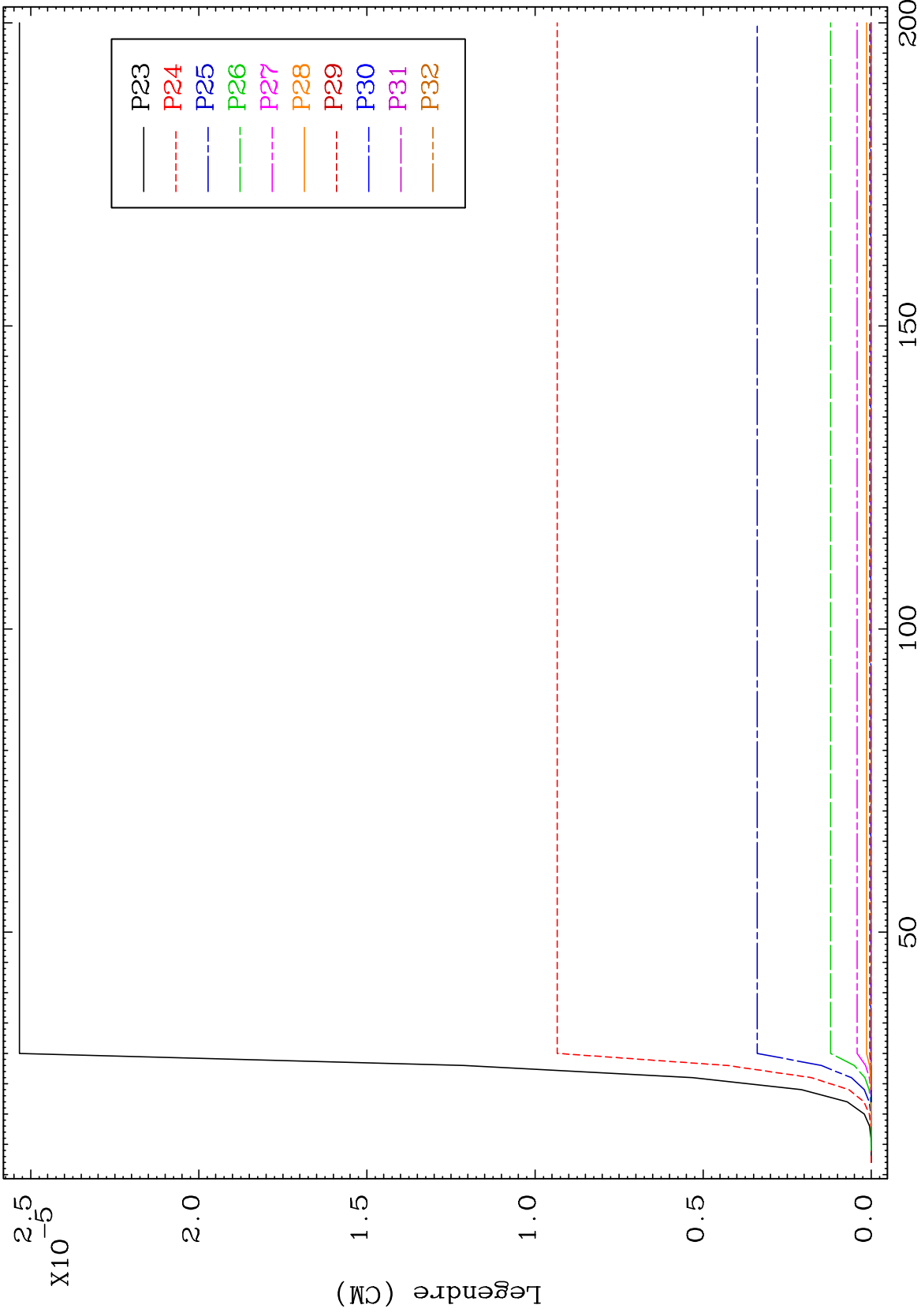
31-Ga-63



MAT 3107

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

31-Ga-63



28

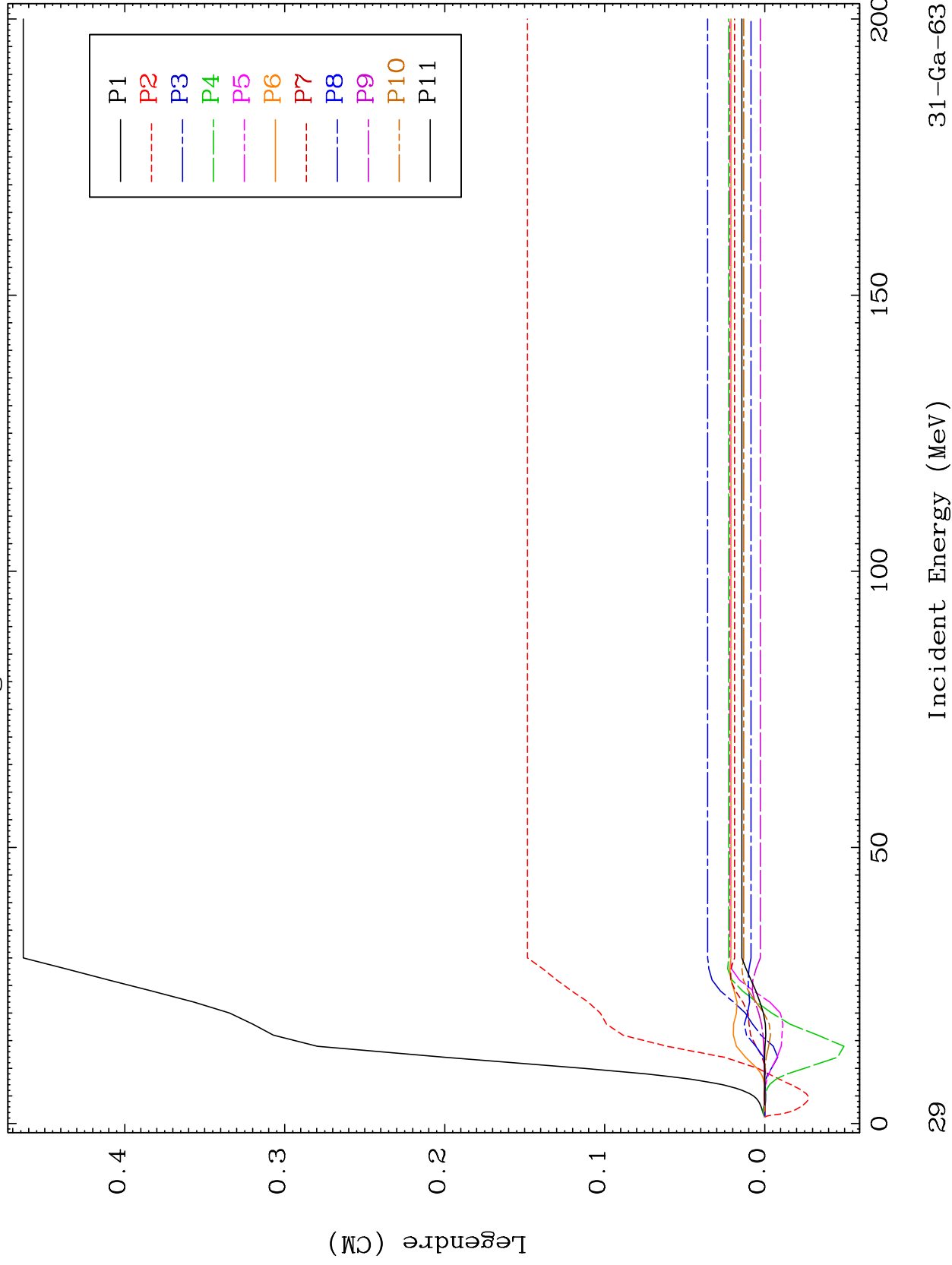
Incident Energy (MeV)

31-Ga-63

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

31-Ga-63



31-Ga-63

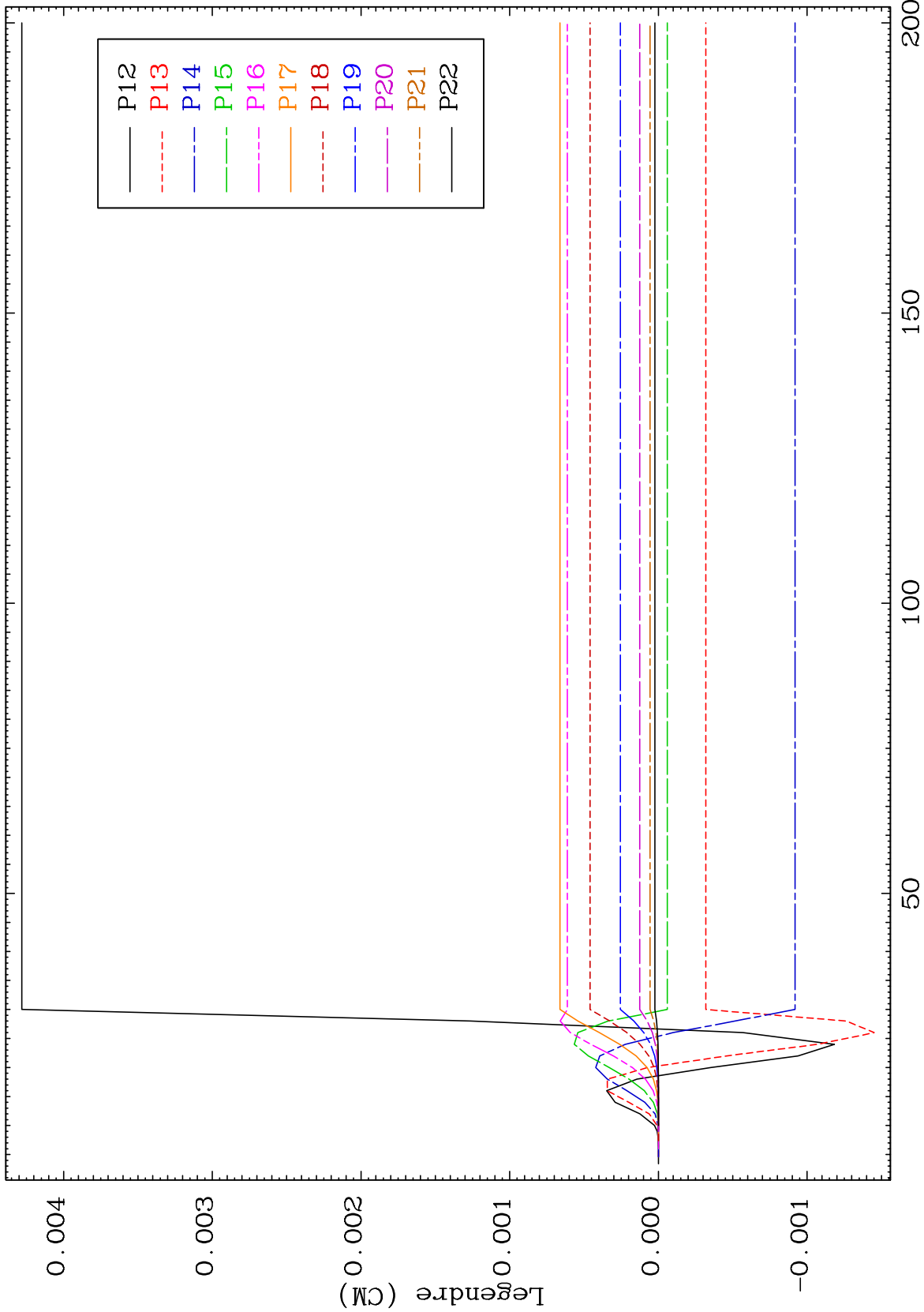
Incident Energy (MeV)

29

MAT 3107

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

31-Ga-63



30

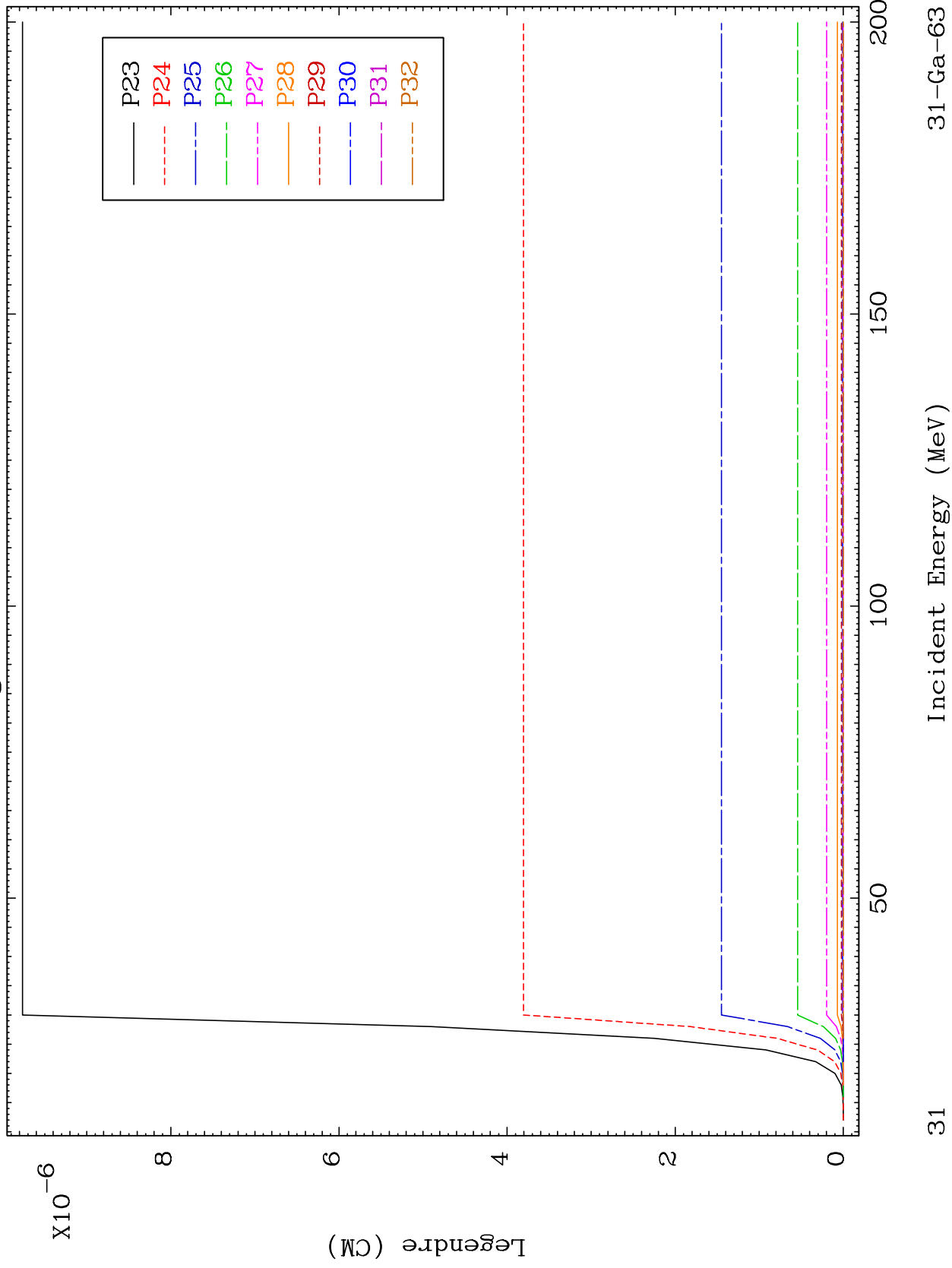
Incident Energy (MeV)

31-Ga-63

MAT 3107

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

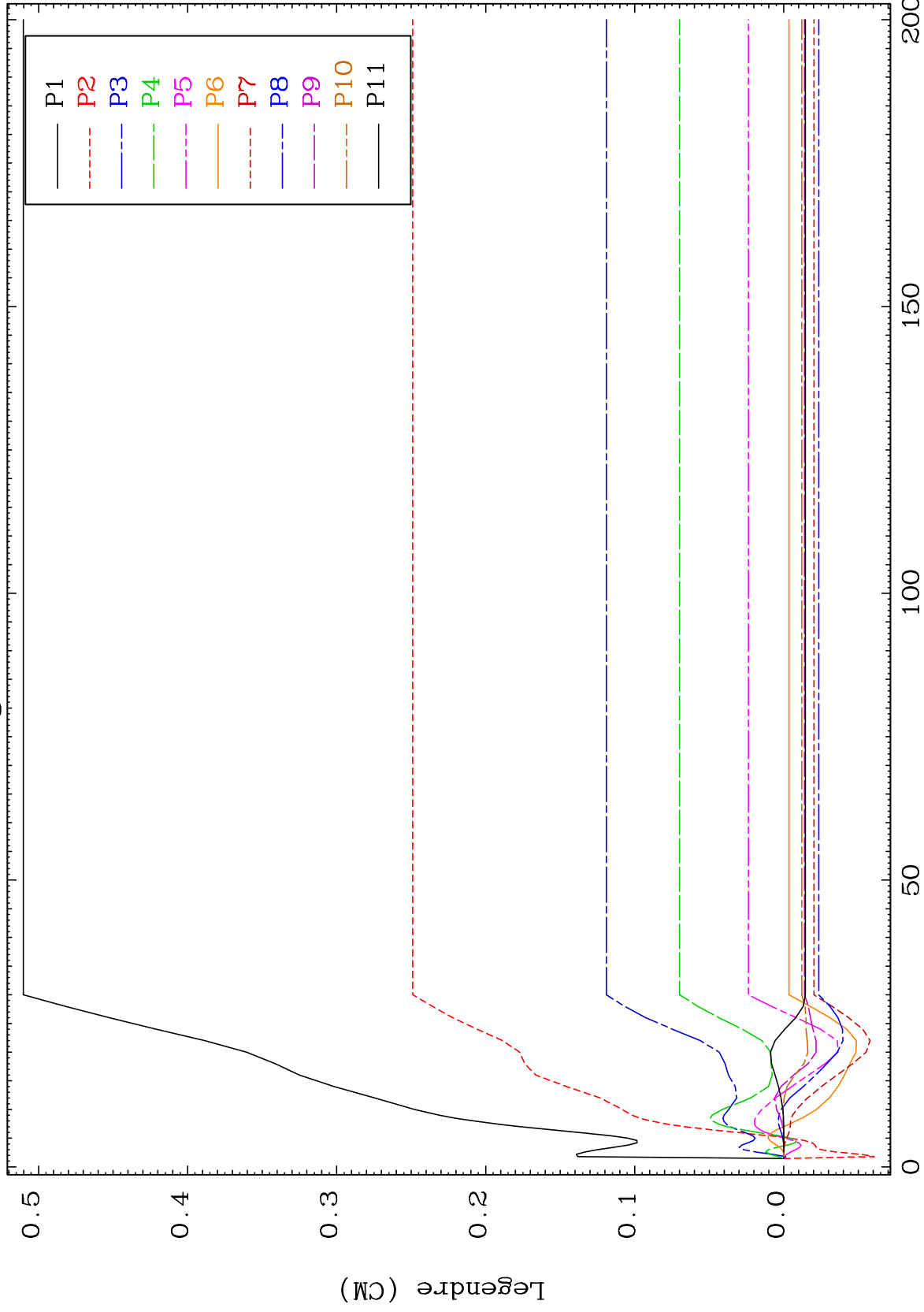
31-Ga-63



MAT 3107

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

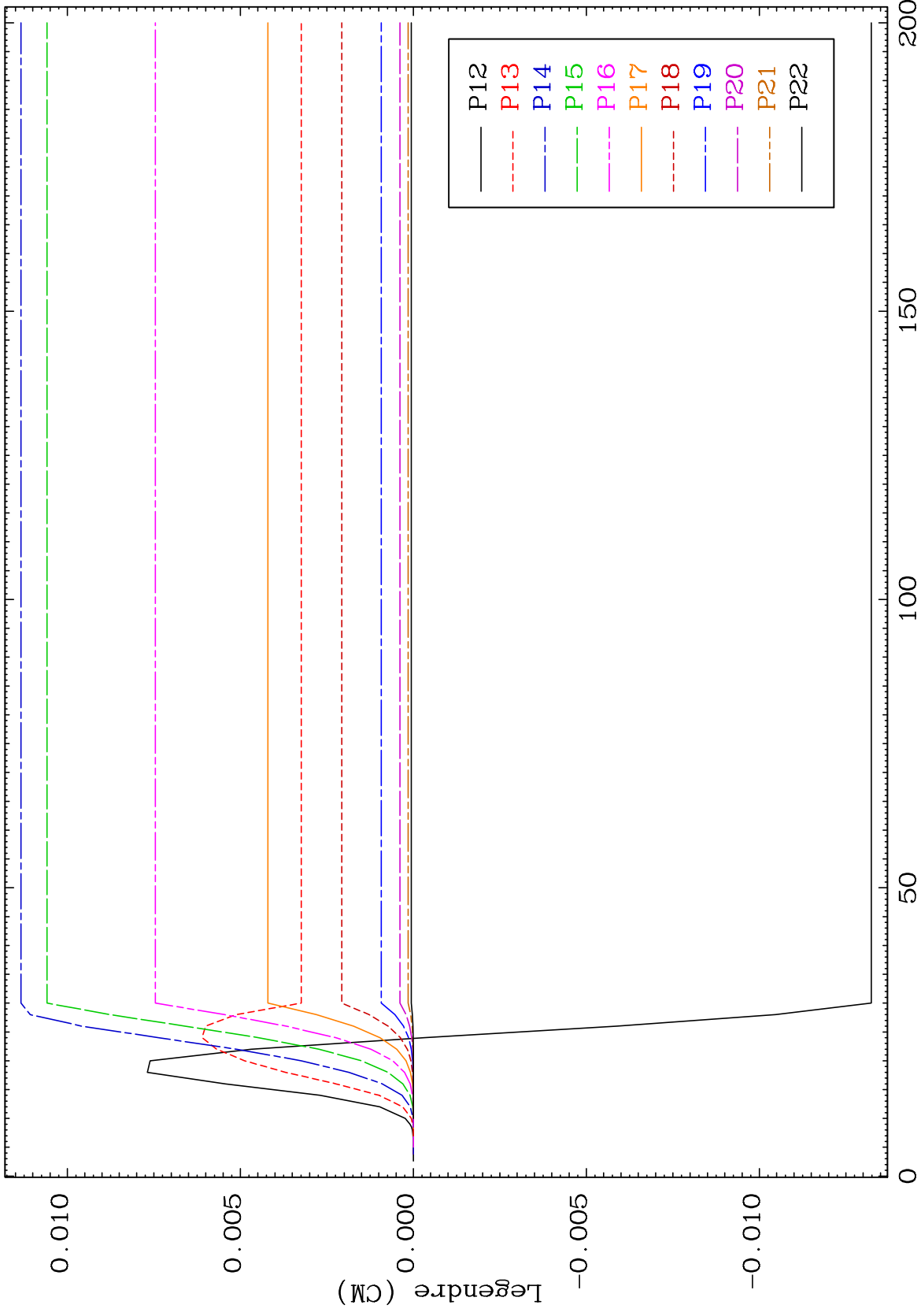
31-Ga-63



31-Ga-63

Incident Energy (MeV)

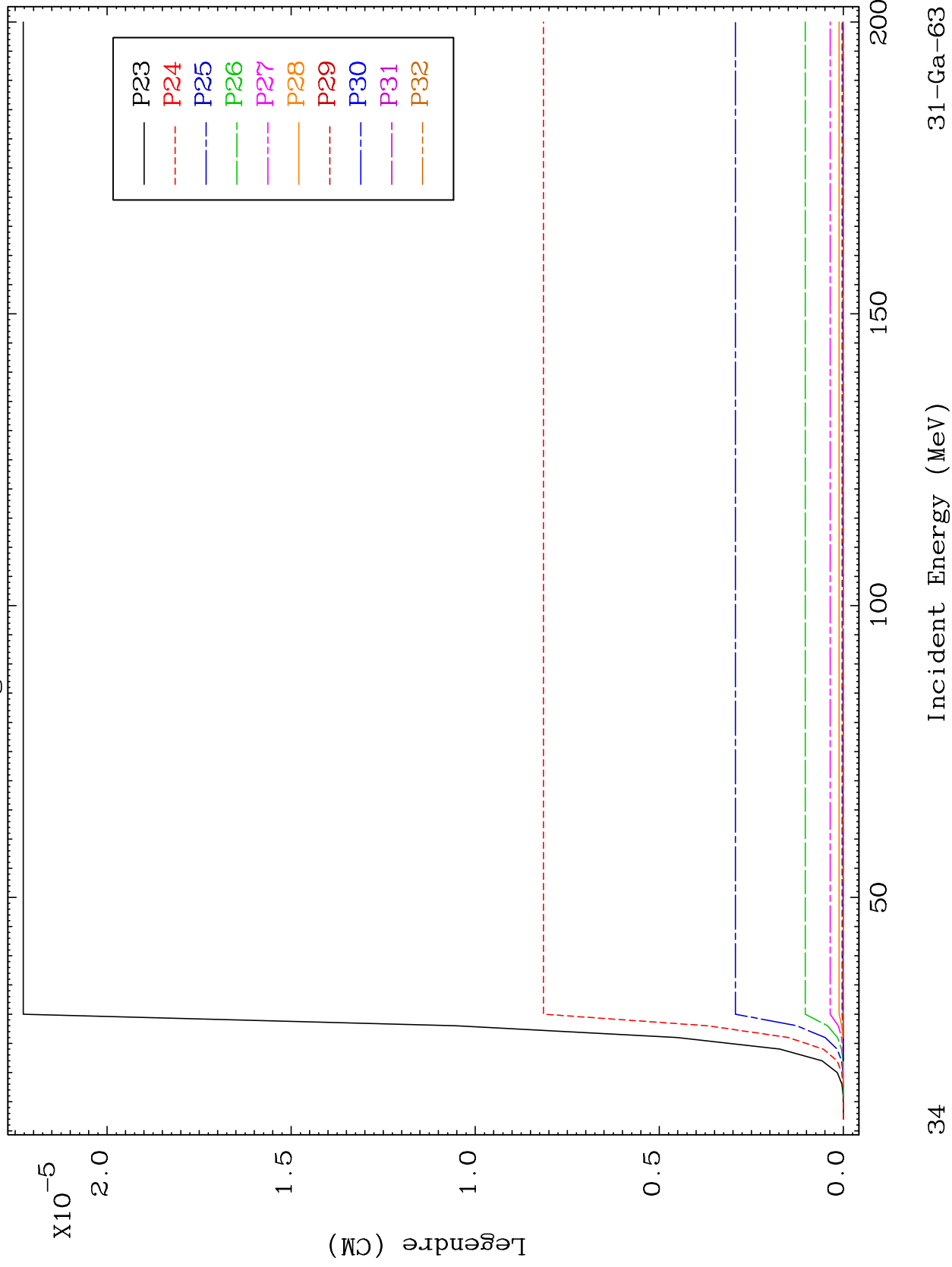
32



MAT 3107

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

31-Ga-63



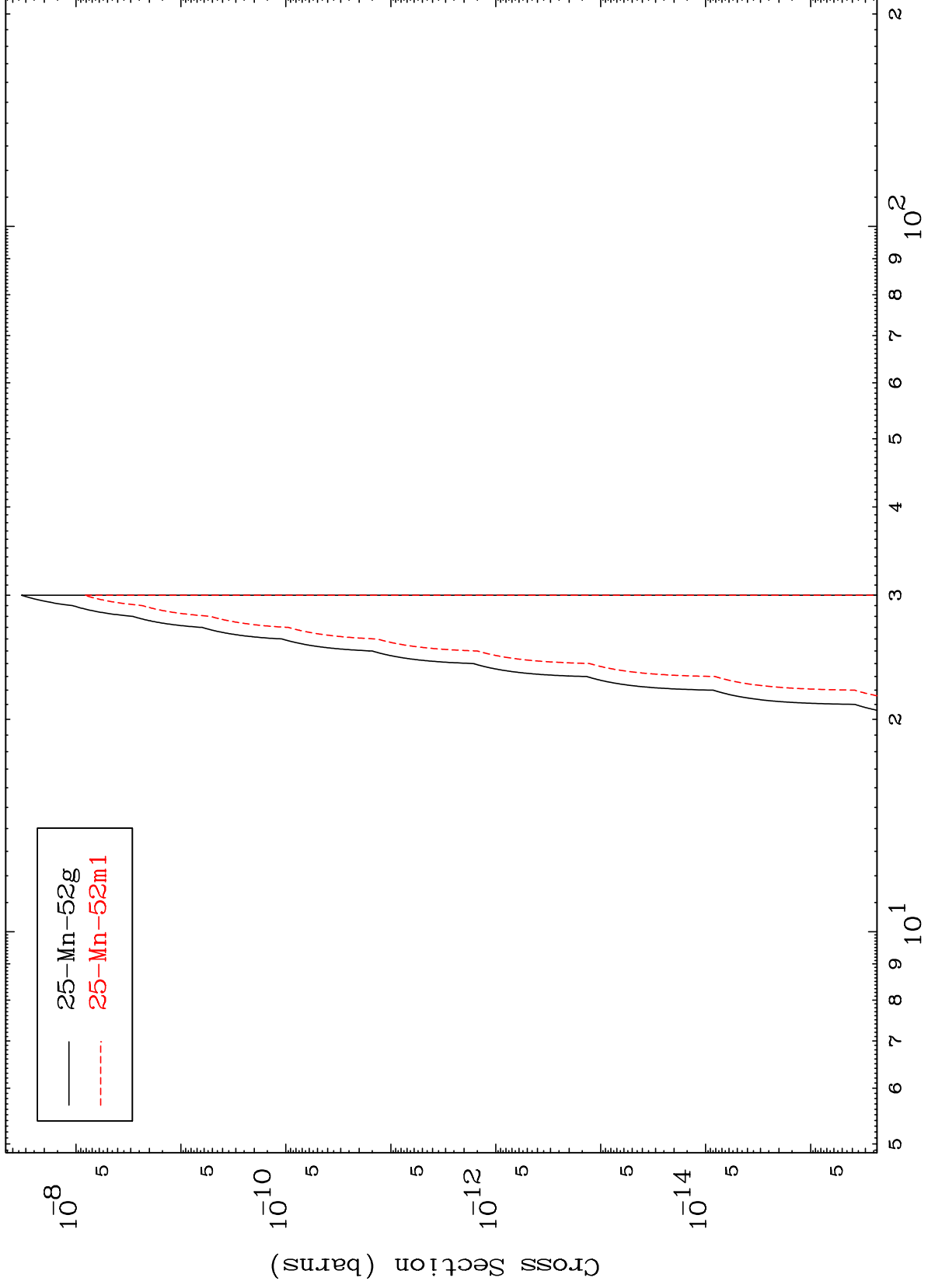
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31-Ga-63

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31-Ga-63

(n, 3α)
Radionuclide Production Cross Section



— 25-Mn-52g
- - - 25-Mn-52m1

35

Incident Energy (MeV)

31-Ga-63