

Program EVALPLOT
(Version 2021-1)

by

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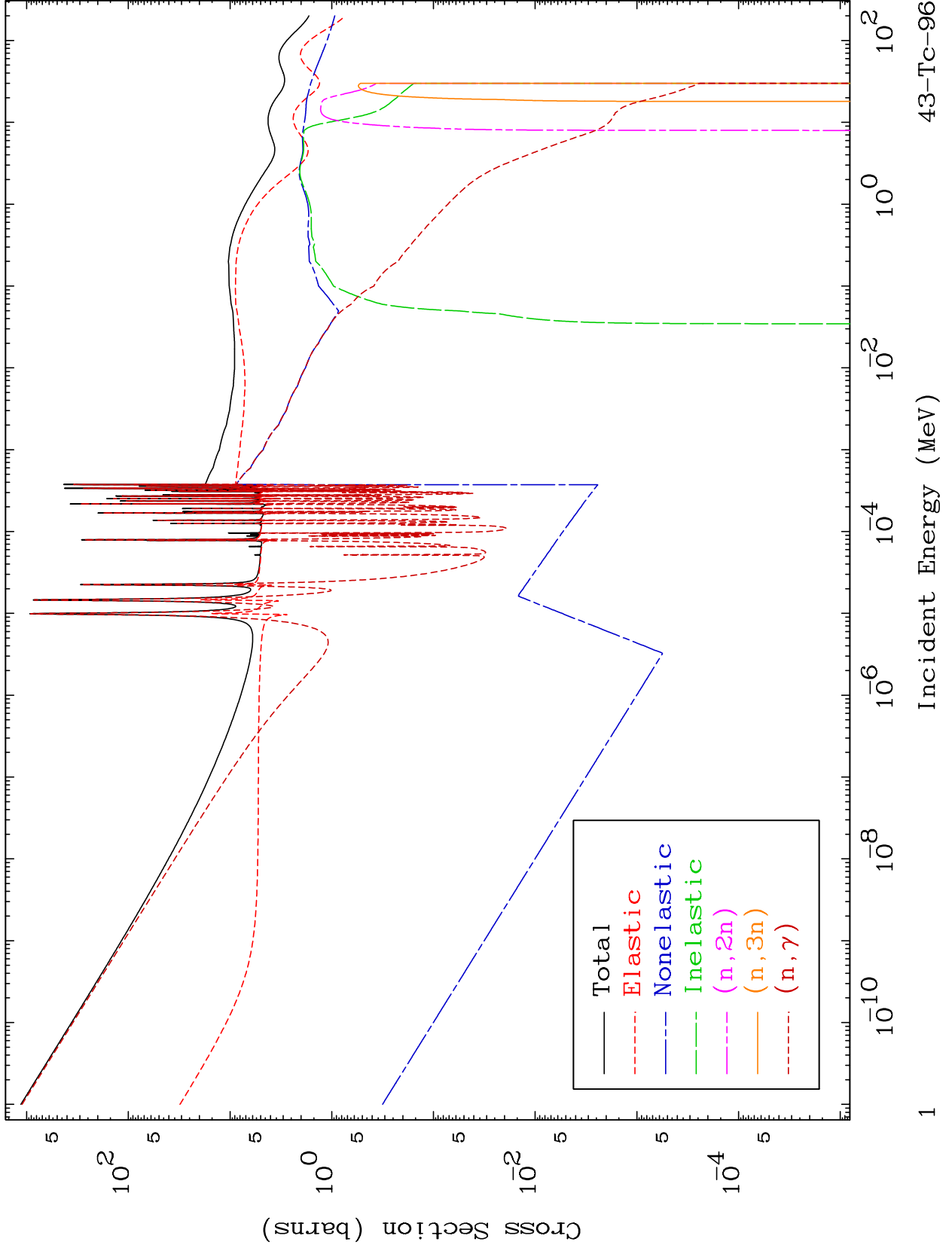
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Press Mouse Button to Start

MAT 4316

Neutron Major
293 Kelvin Cross Sections

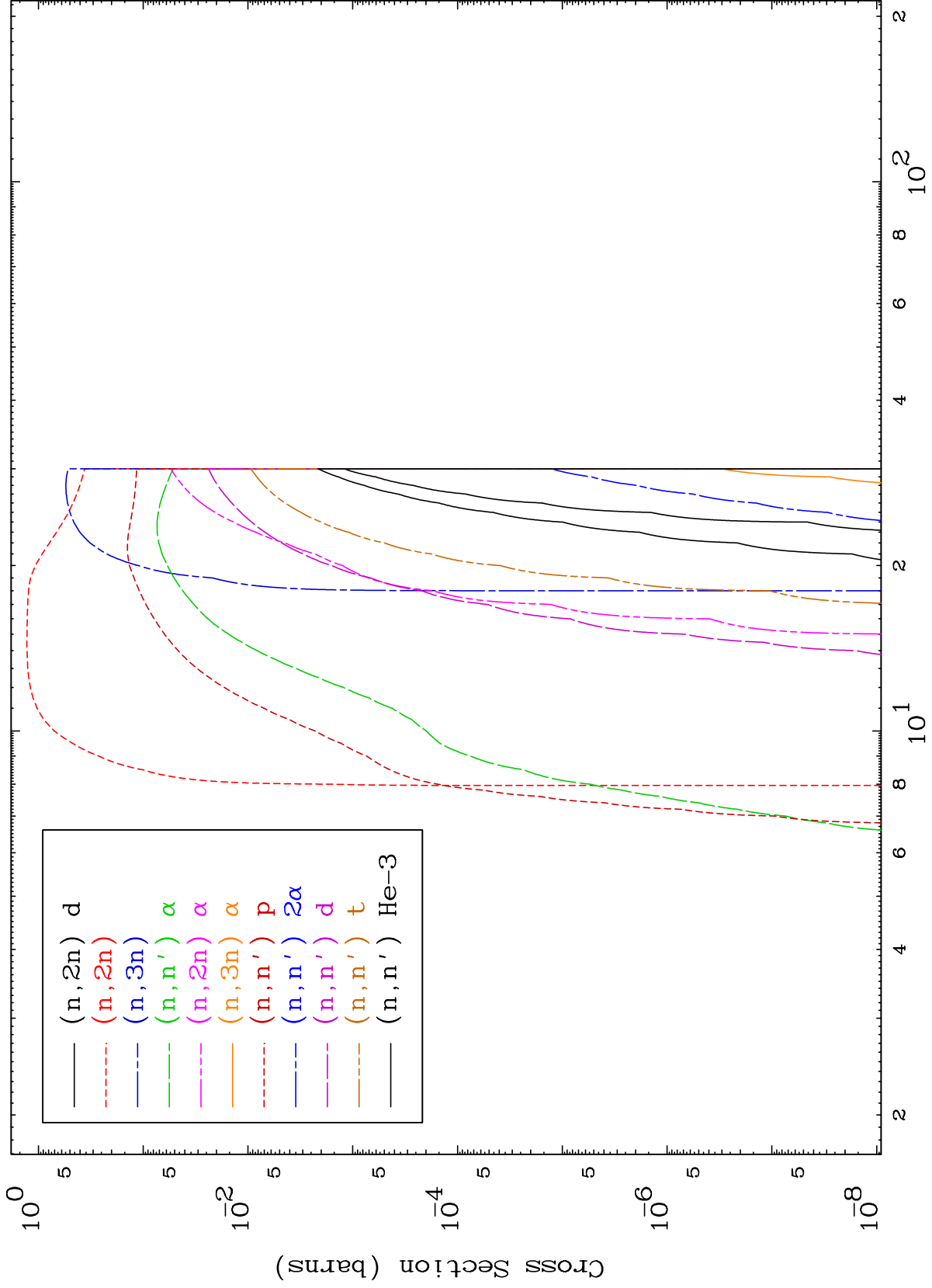
43-Tc-96



MAT 4316

Neutron Absorption
293 Kelvin Cross Sections

43-Tc-96



2

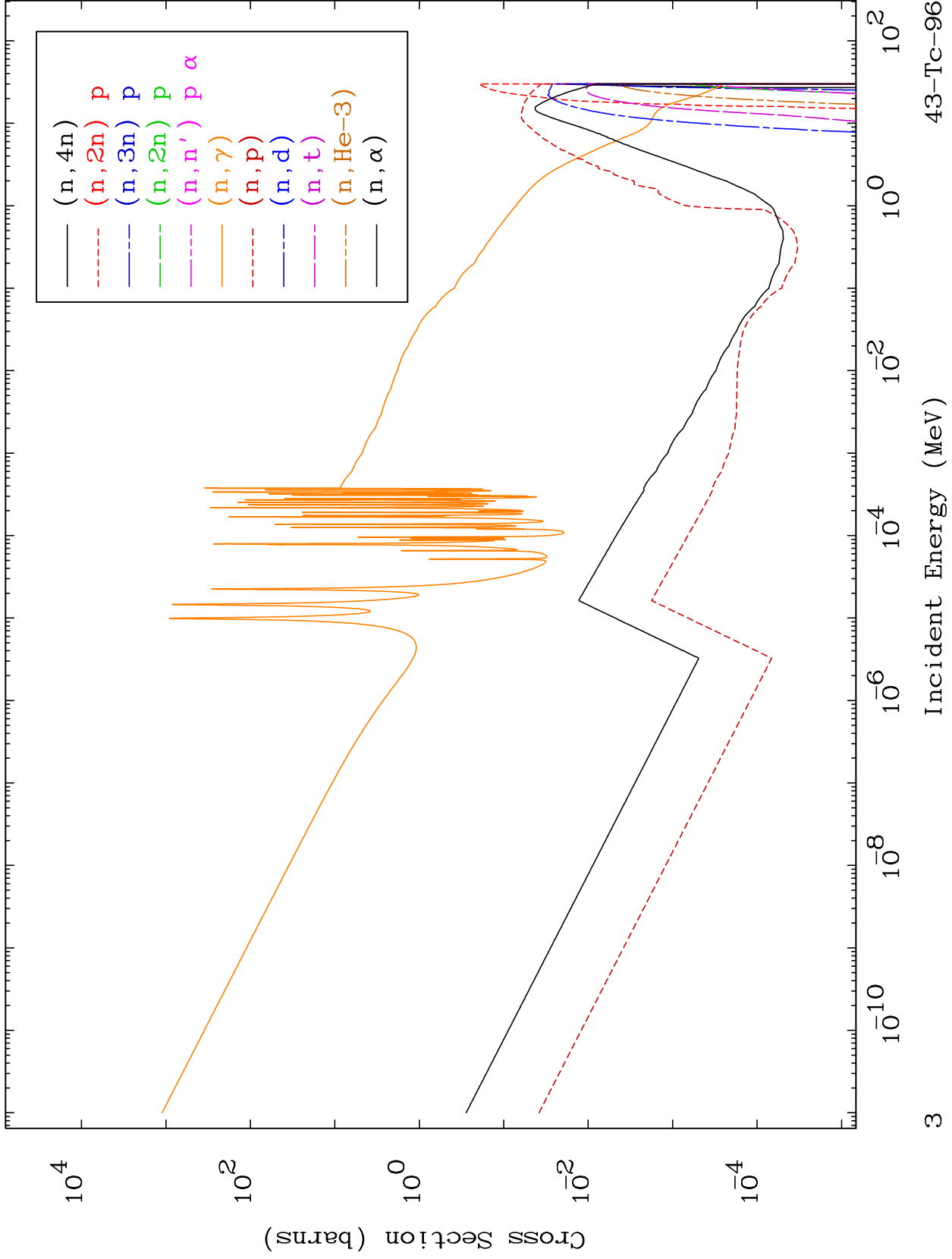
Incident Energy (MeV)

43-Tc-96

MAT 4316

Neutron Absorption
293 Kelvin Cross Sections

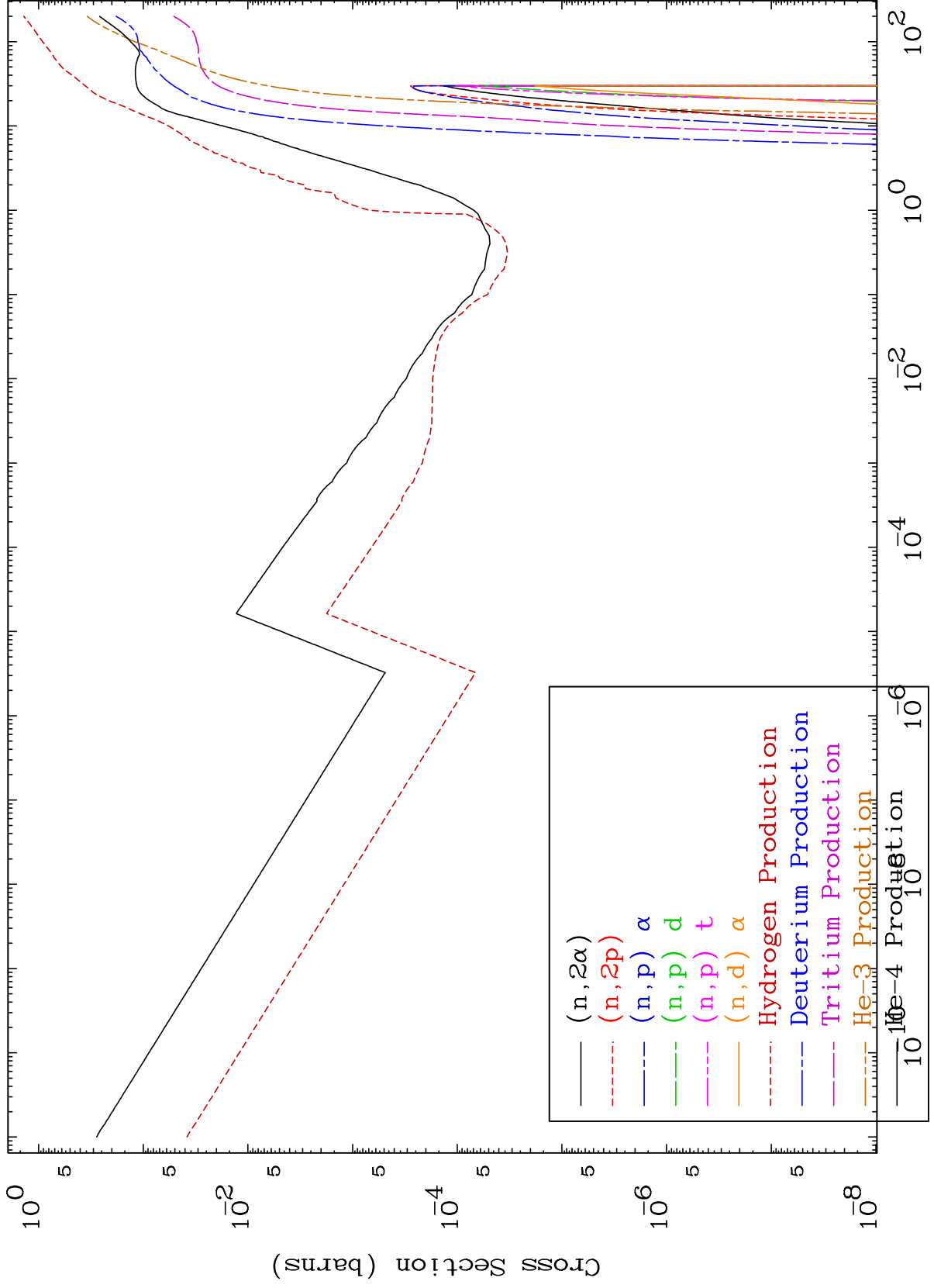
43-Tc-96



MAT 4316

Neutron Absorption
293 Kelvin Cross Sections

43-Tc-96



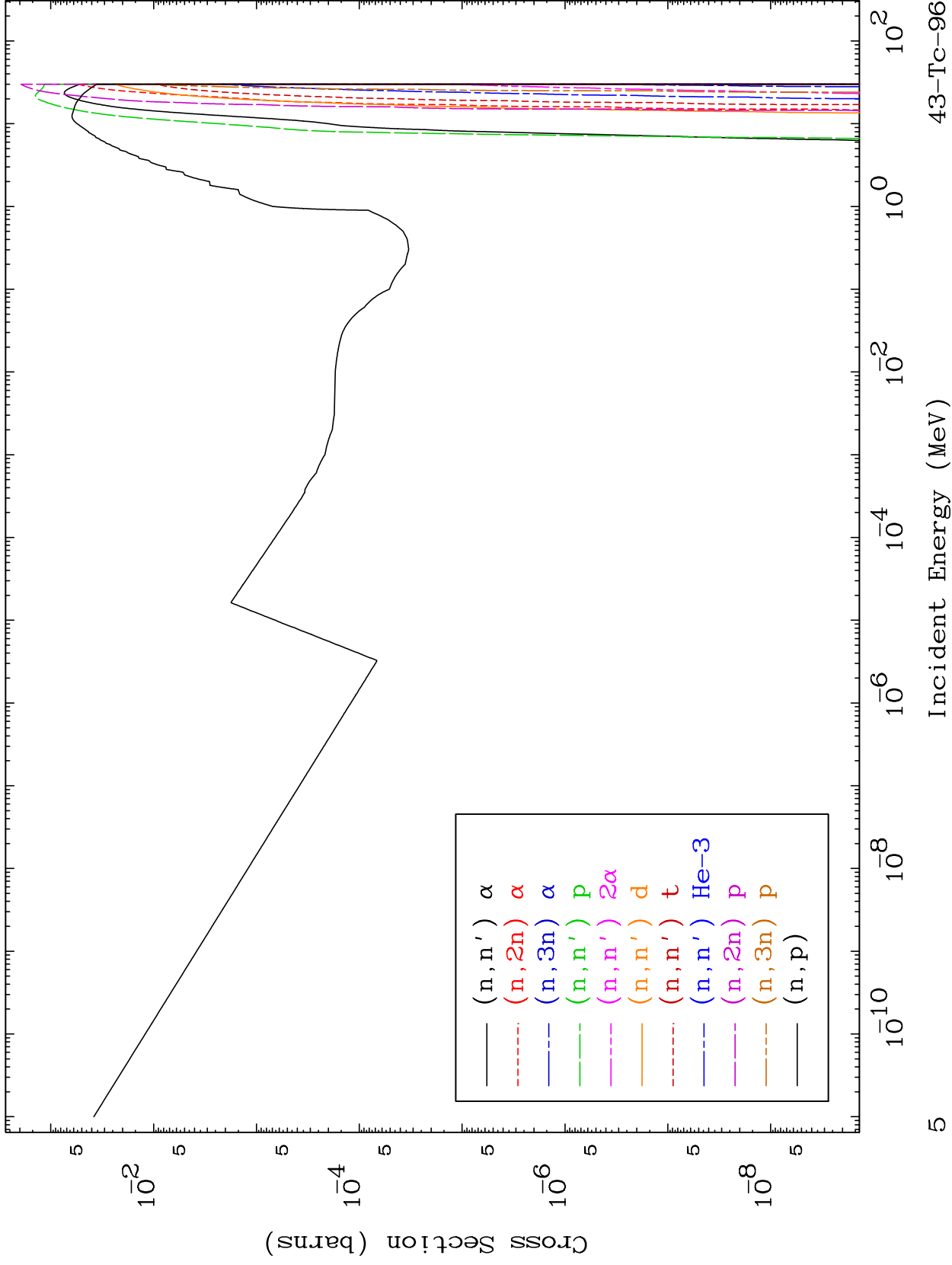
Incident Energy (MeV)

43-Tc-96

MAT 4316

Charged Particle
293 Kelvin Cross Sections

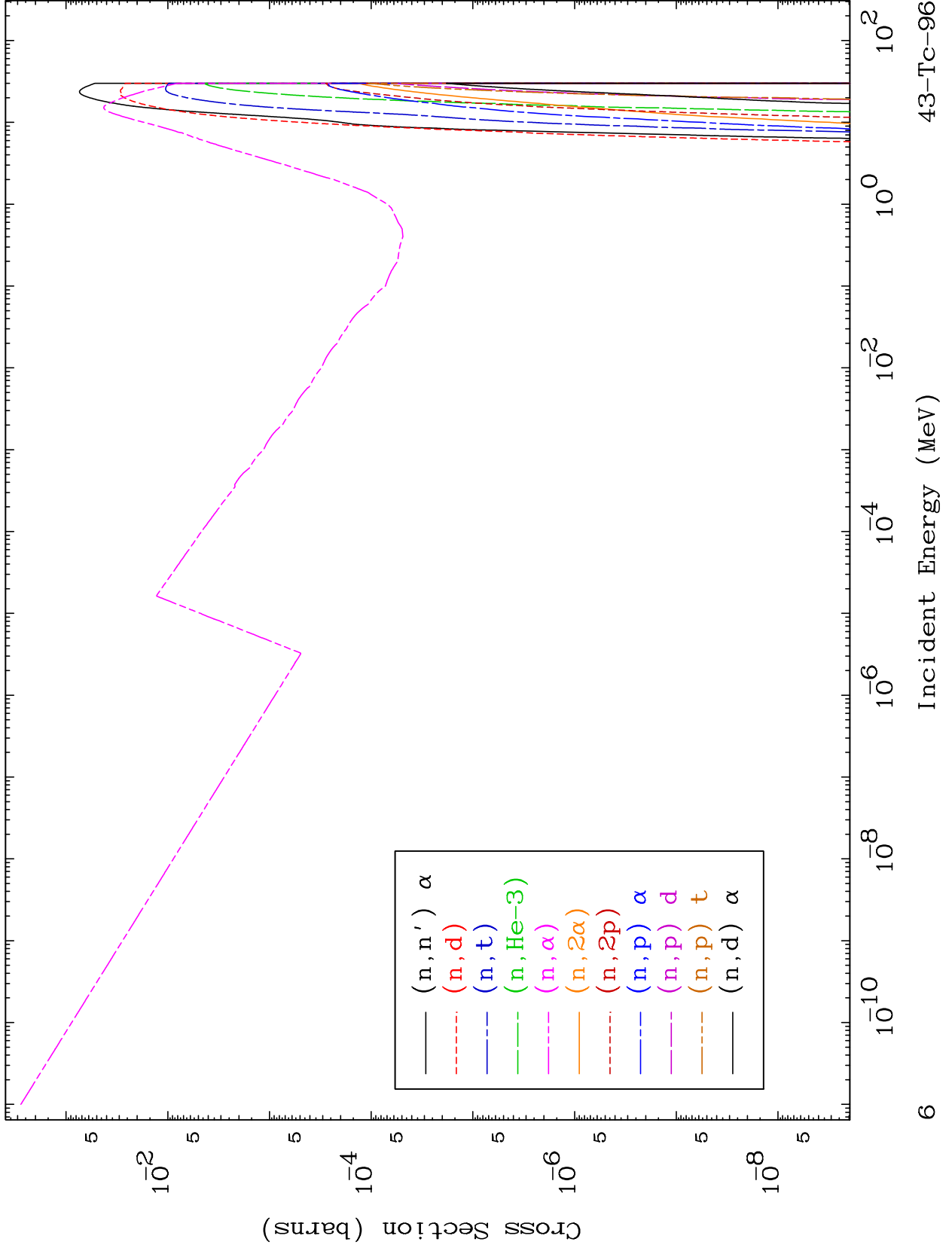
43-Tc-96



MAT 4316

Charged Particle
293 Kelvin Cross Sections

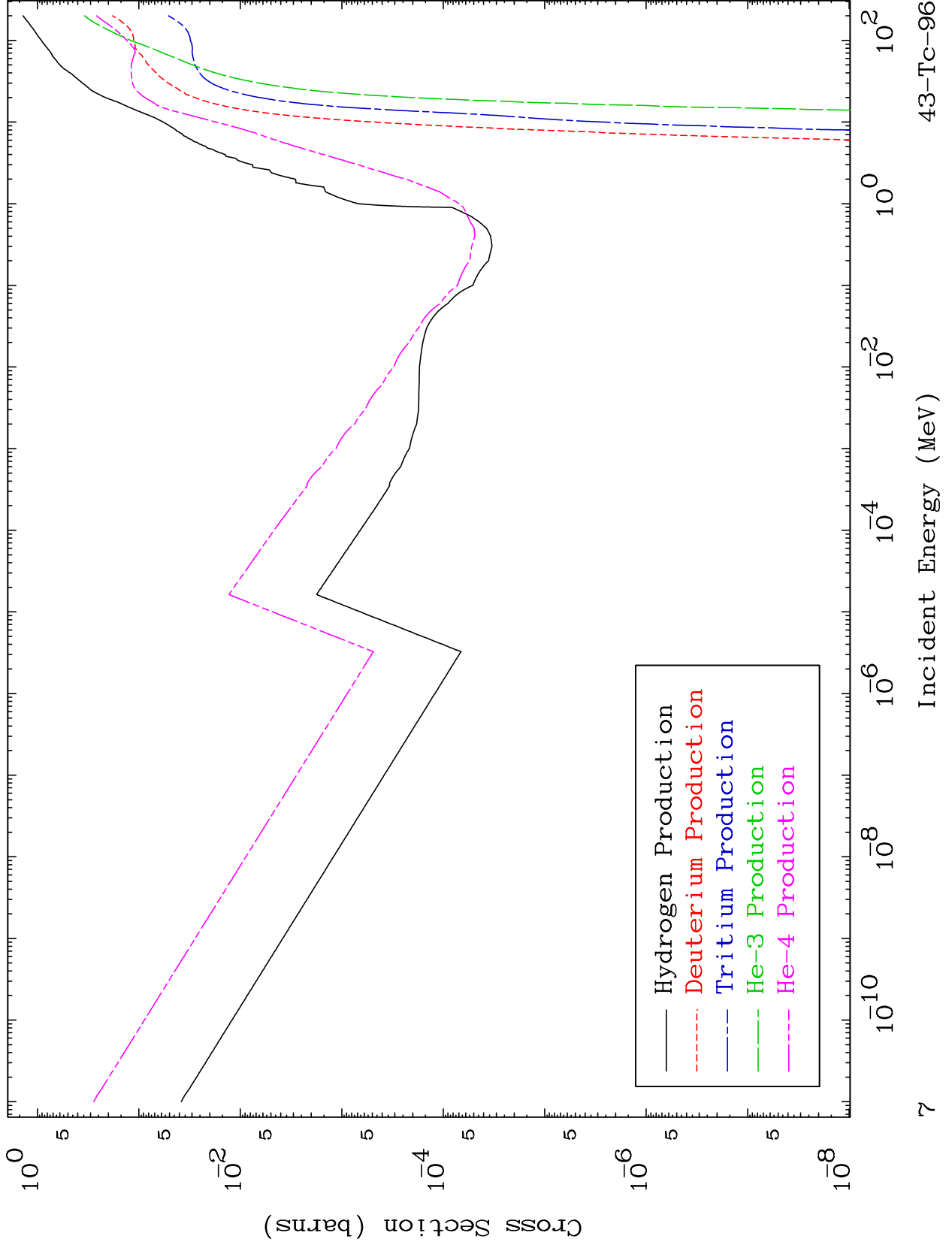
43-Tc-96



MAT 4316

Particle Production
293 Kelvin Cross Sections

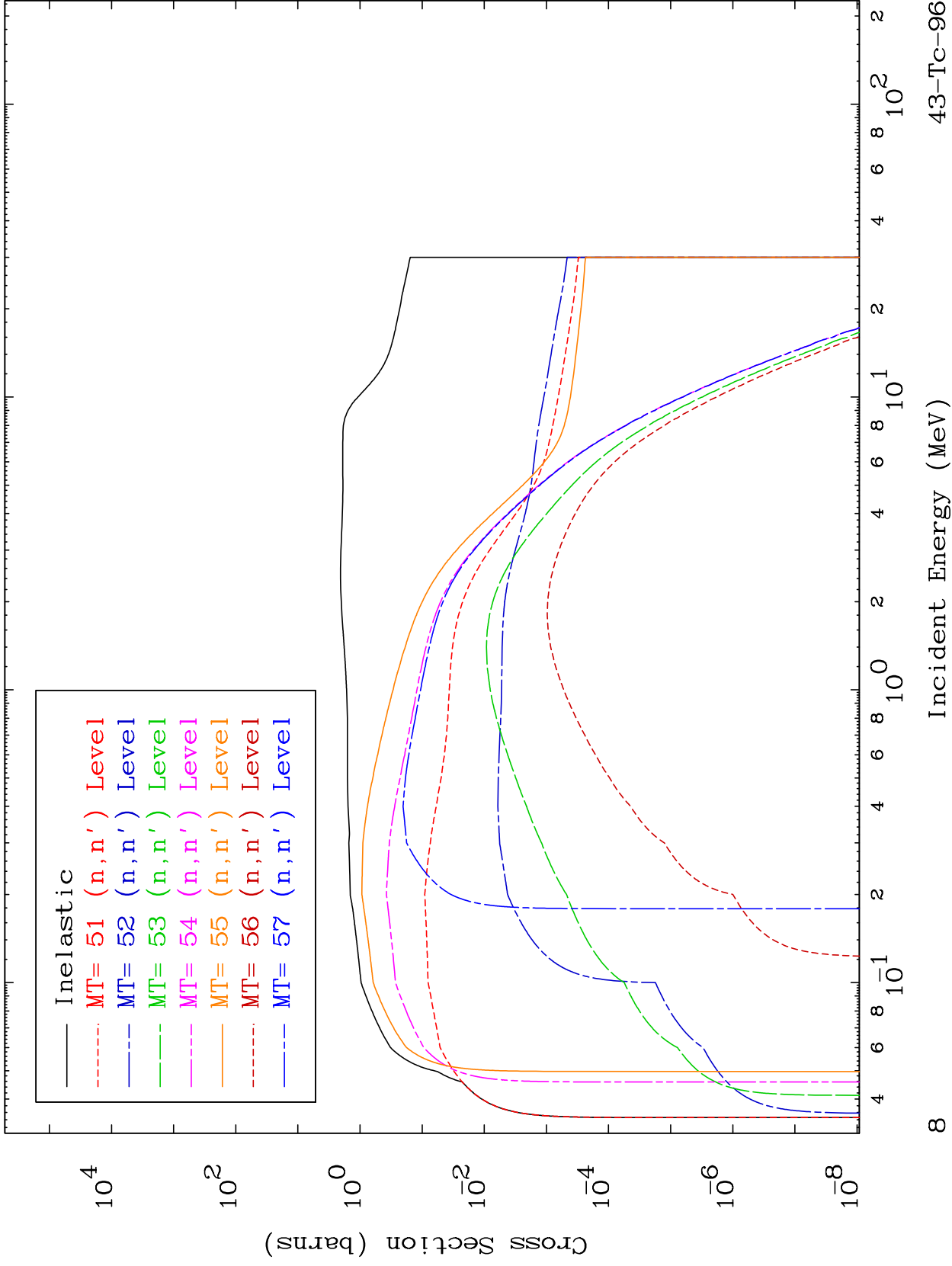
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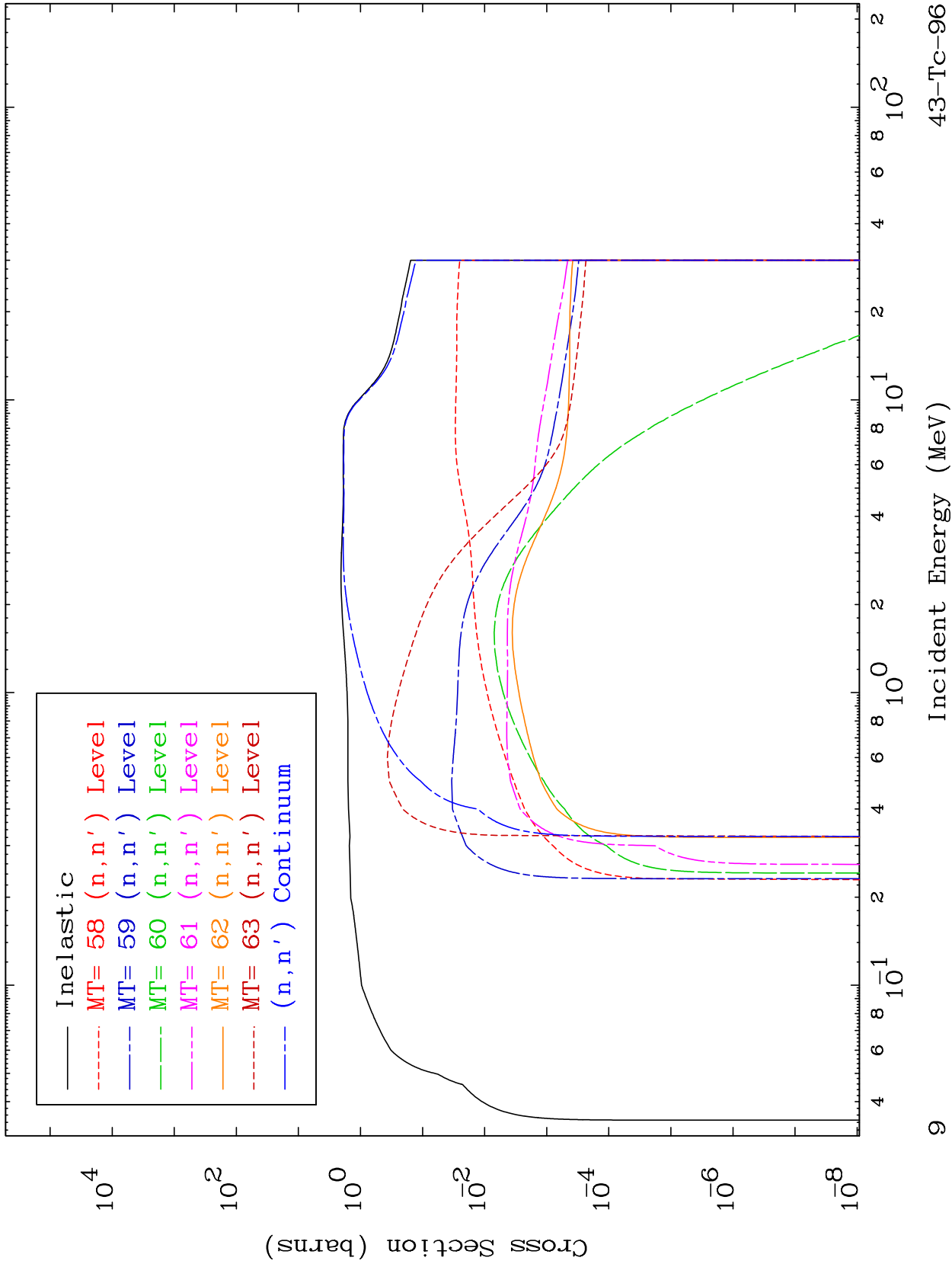


MAT 4316

(n,n') Levels
293 Kelvin Cross Sections

43-Tc-96

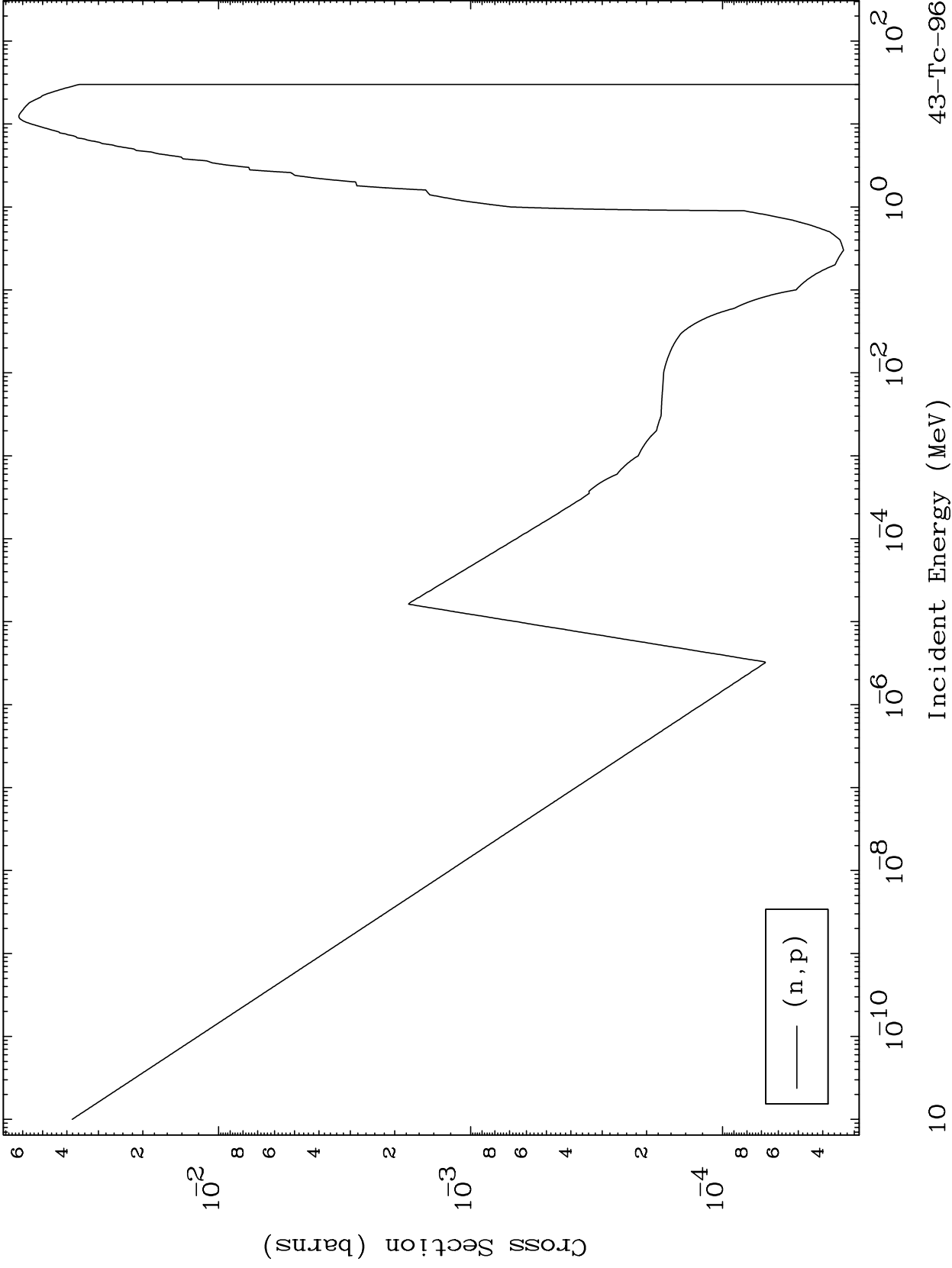




MAT 4316

(n,p) Levels
293 Kelvin Cross Sections

43-Tc-96



10

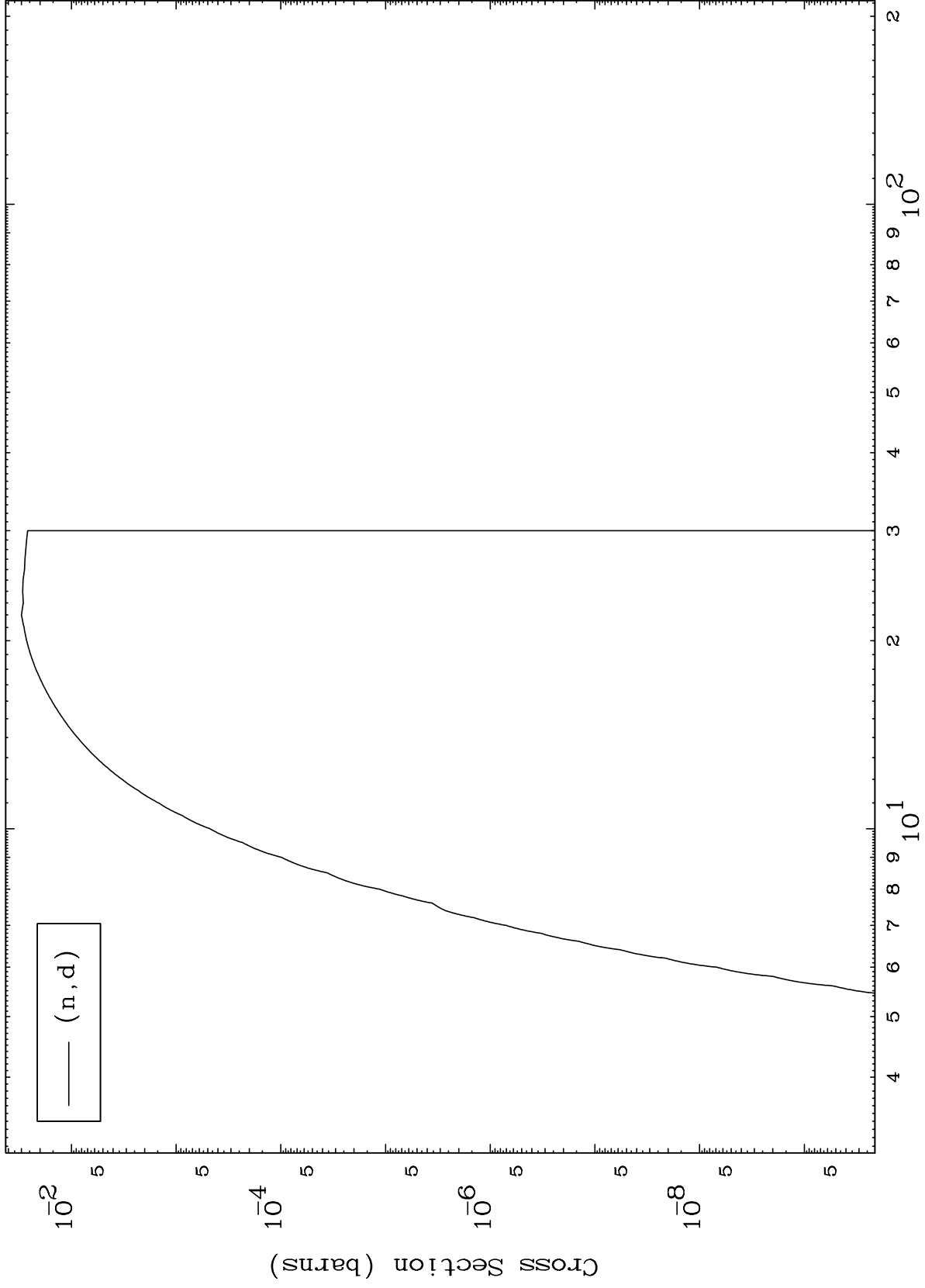
Incident Energy (MeV)

43-Tc-96

MAT 4316

(n,d) Levels
293 Kelvin Cross Sections

43-Tc-96



11

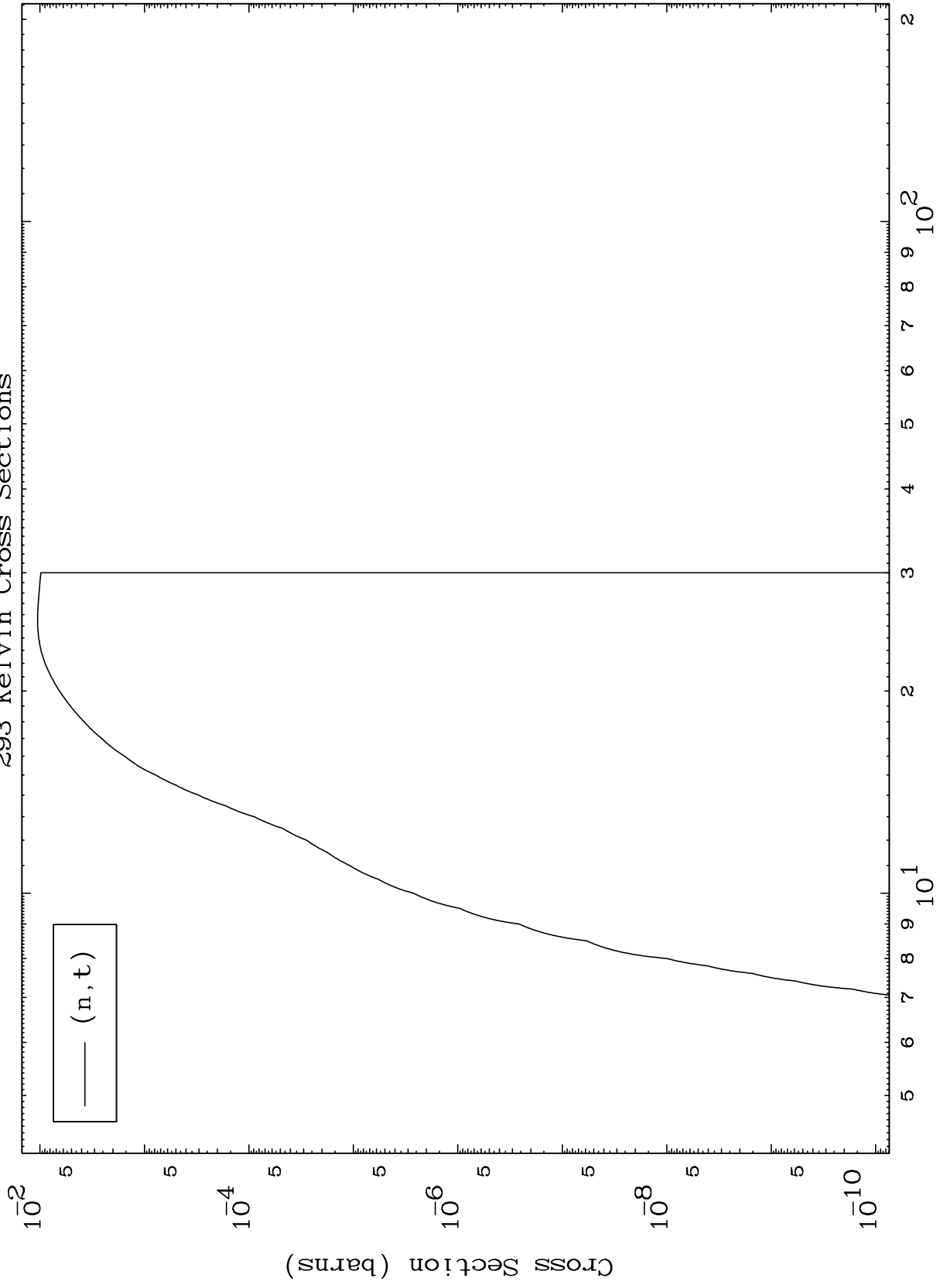
Incident Energy (MeV)

43-Tc-96

MAT 4316

(n,t) Levels
293 Kelvin Cross Sections

43-Tc-96



(n,t)

12

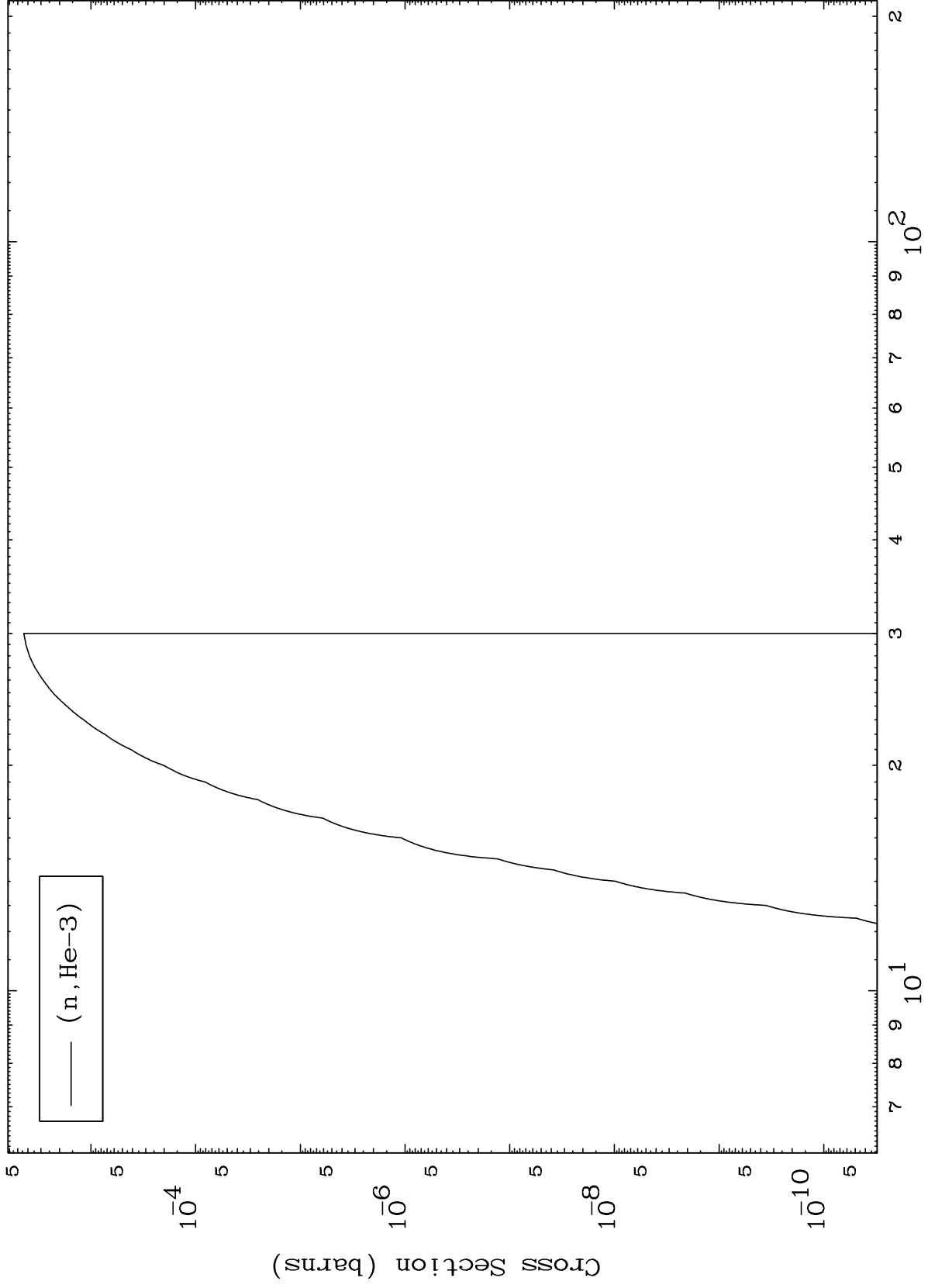
Incident Energy (MeV)

43-Tc-96

MAT 4316

(n,He3) Levels
293 Kelvin Cross Sections

43-Tc-96



13

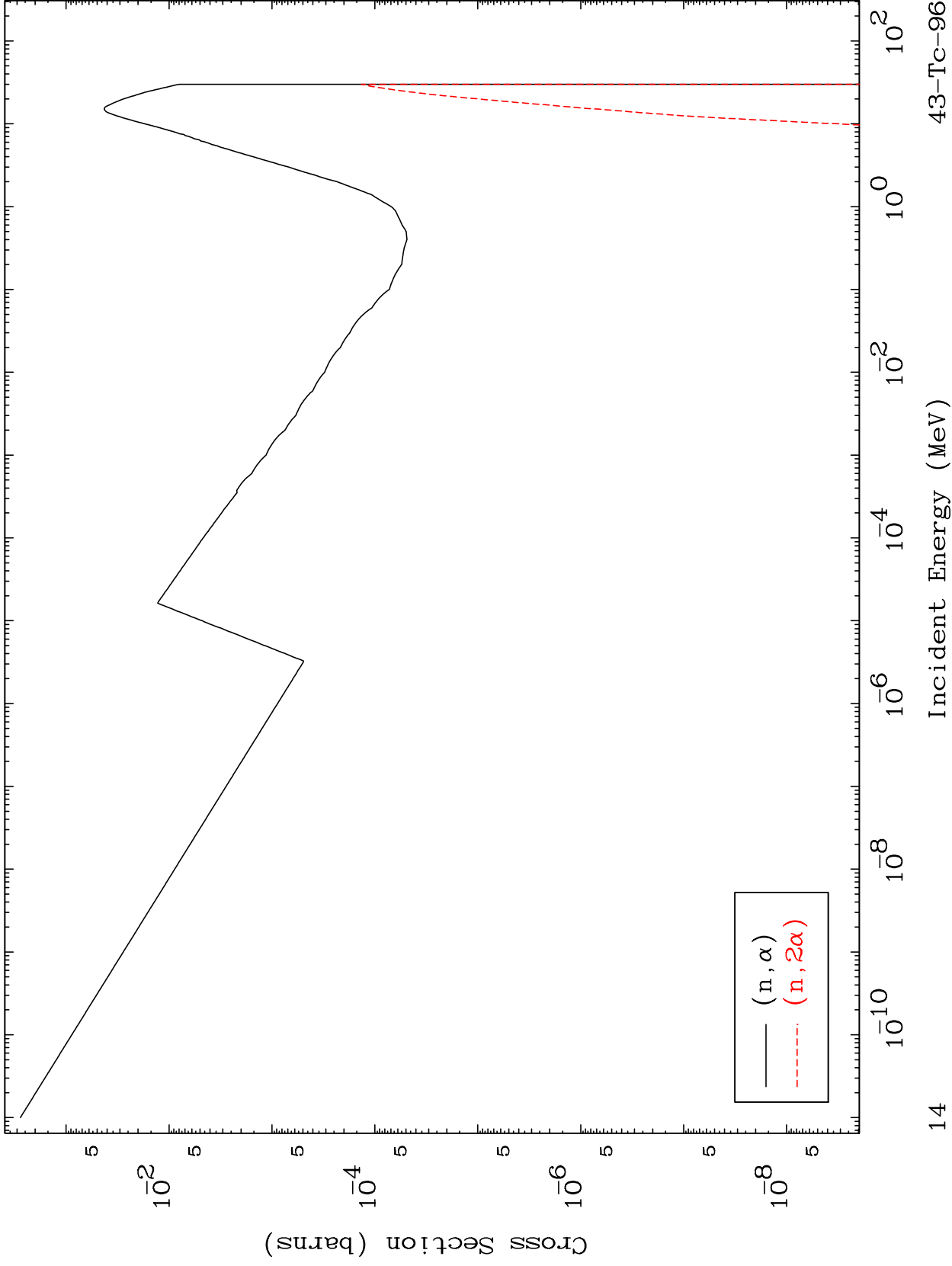
Incident Energy (MeV)

43-Tc-96

MAT 4316

(n, α) Levels
293 Kelvin Cross Sections

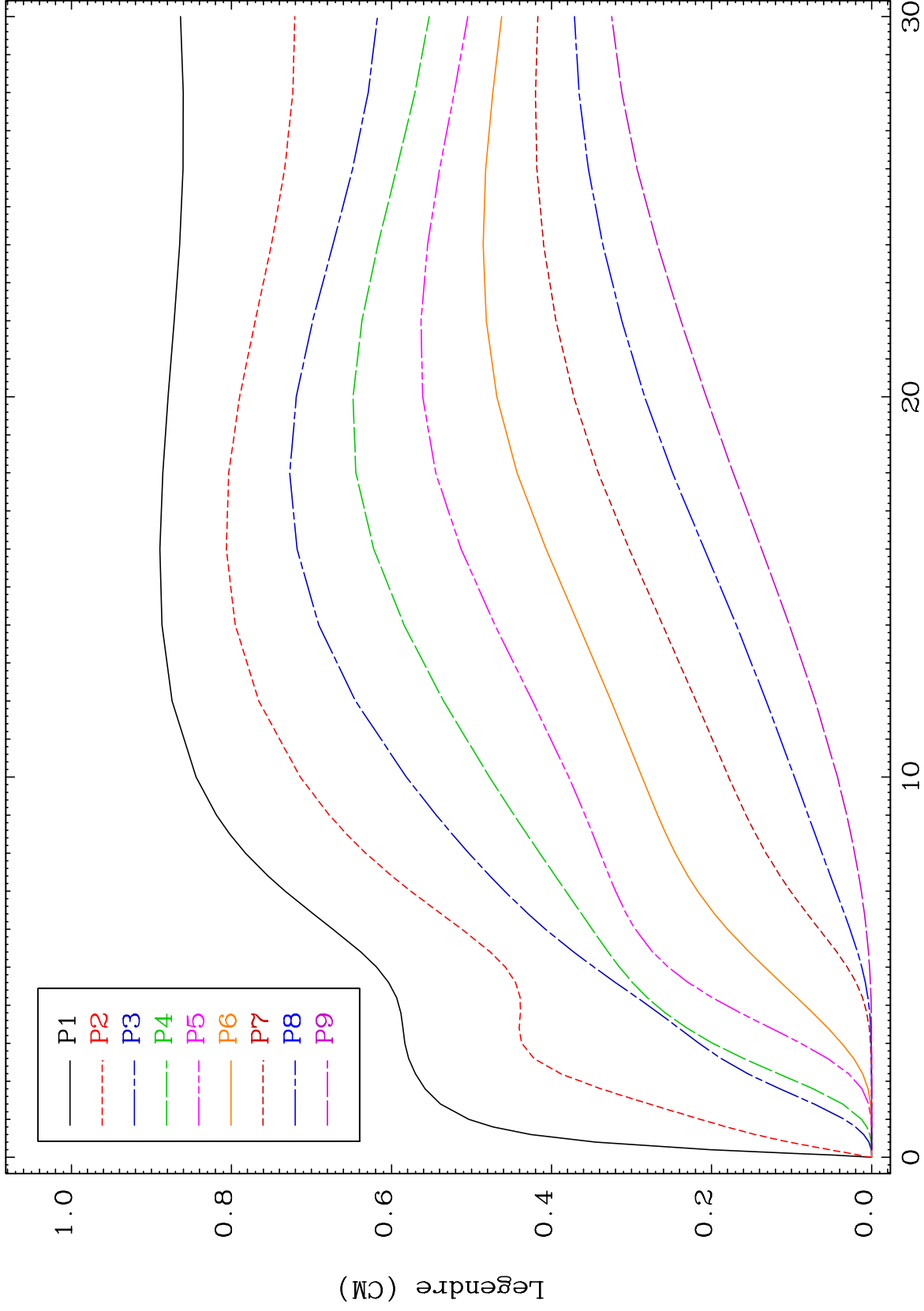
43-Tc-96



MAT 4316

Elastic Legendre Coefficients

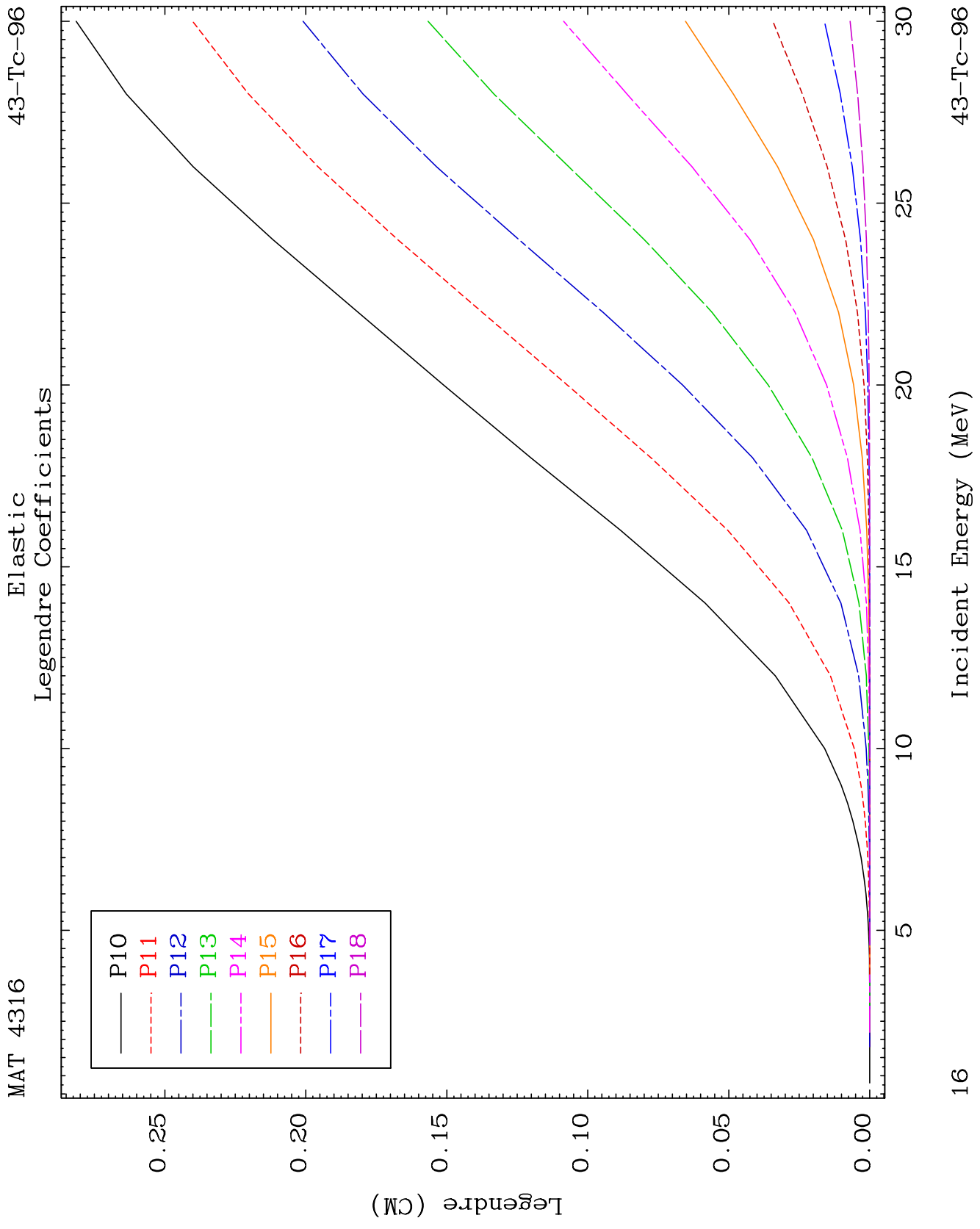
43-Tc-96



15

Incident Energy (MeV)

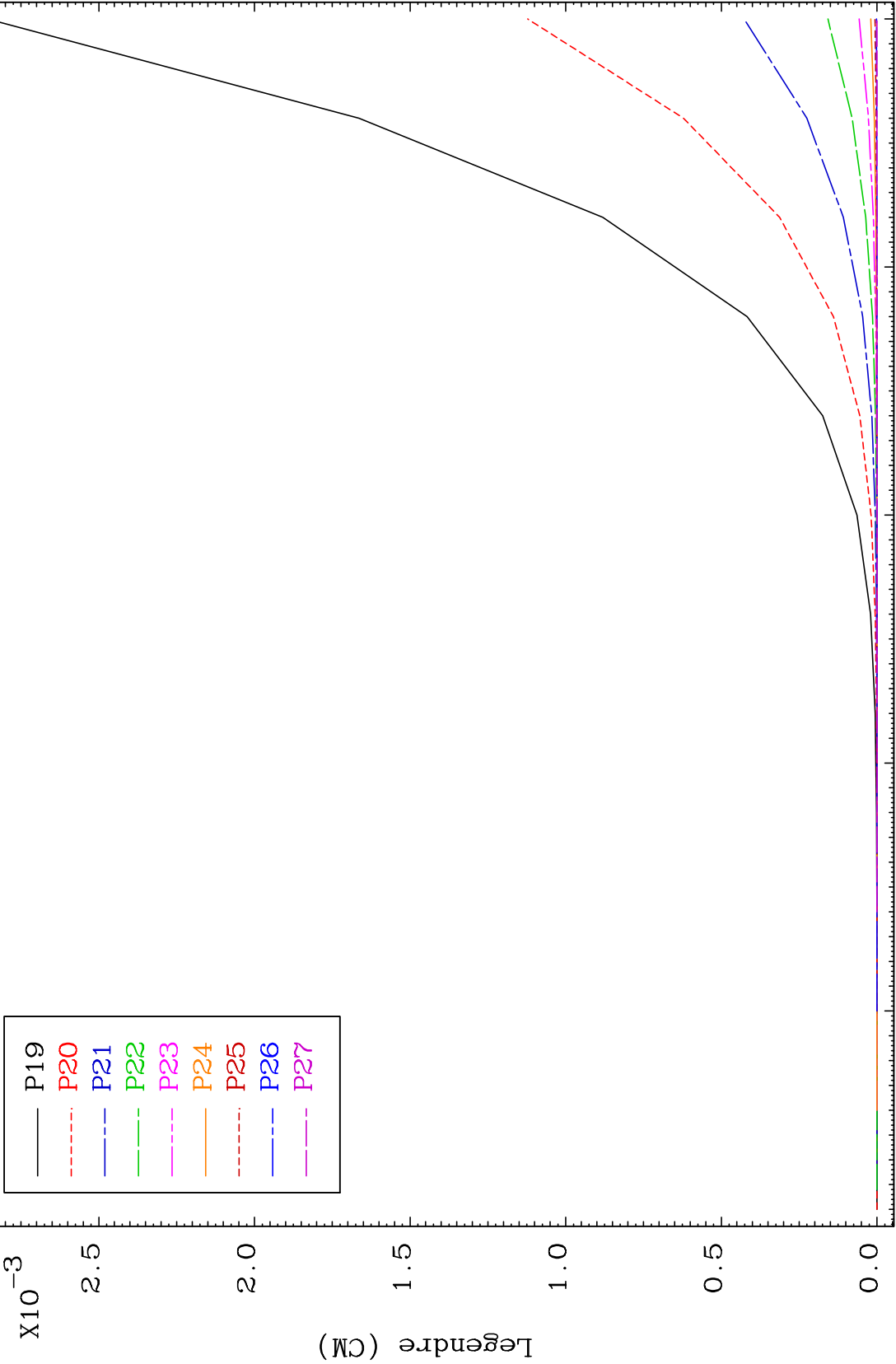
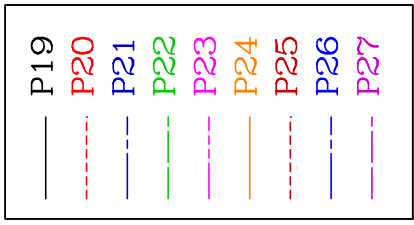
43-Tc-96



MAT 4316

Elastic
Legendre Coefficients

43-Tc-96



17

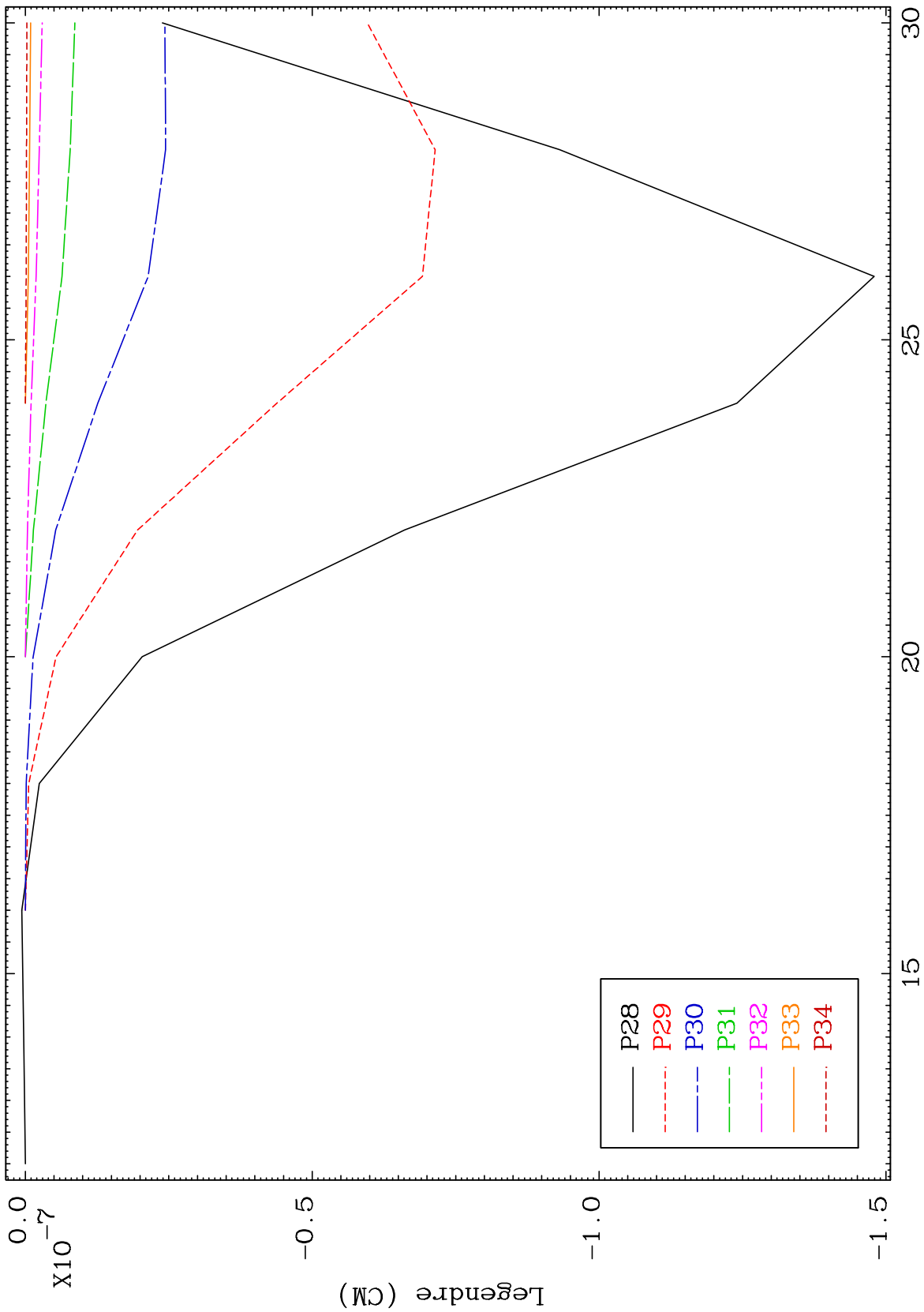
Incident Energy (MeV)

43-Tc-96

MAT 4316

43-Tc-96

Elastic Legendre Coefficients



18

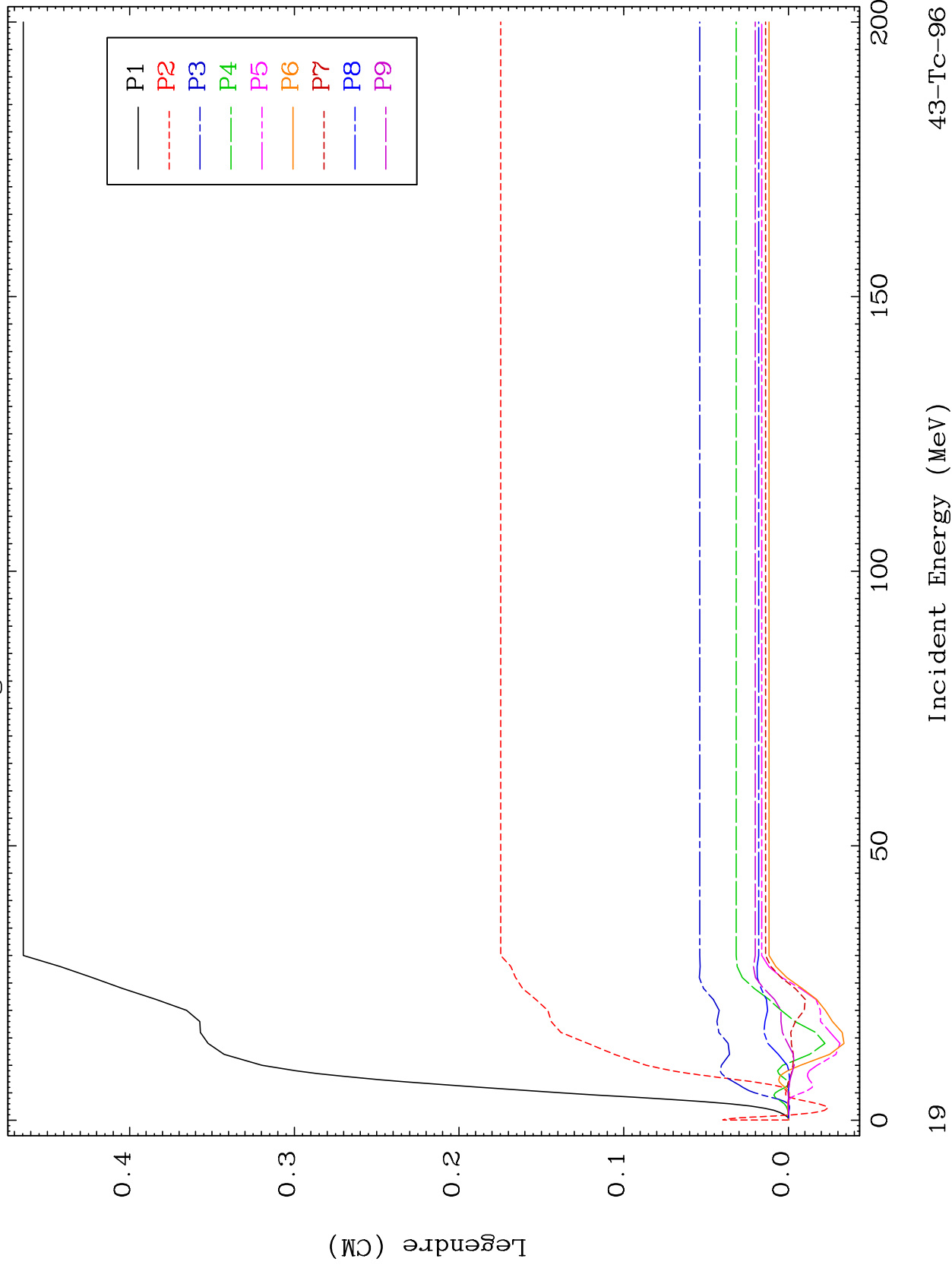
Incident Energy (MeV)

43-Tc-96

MAT 4316

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

43-Tc-96



43-Tc-96

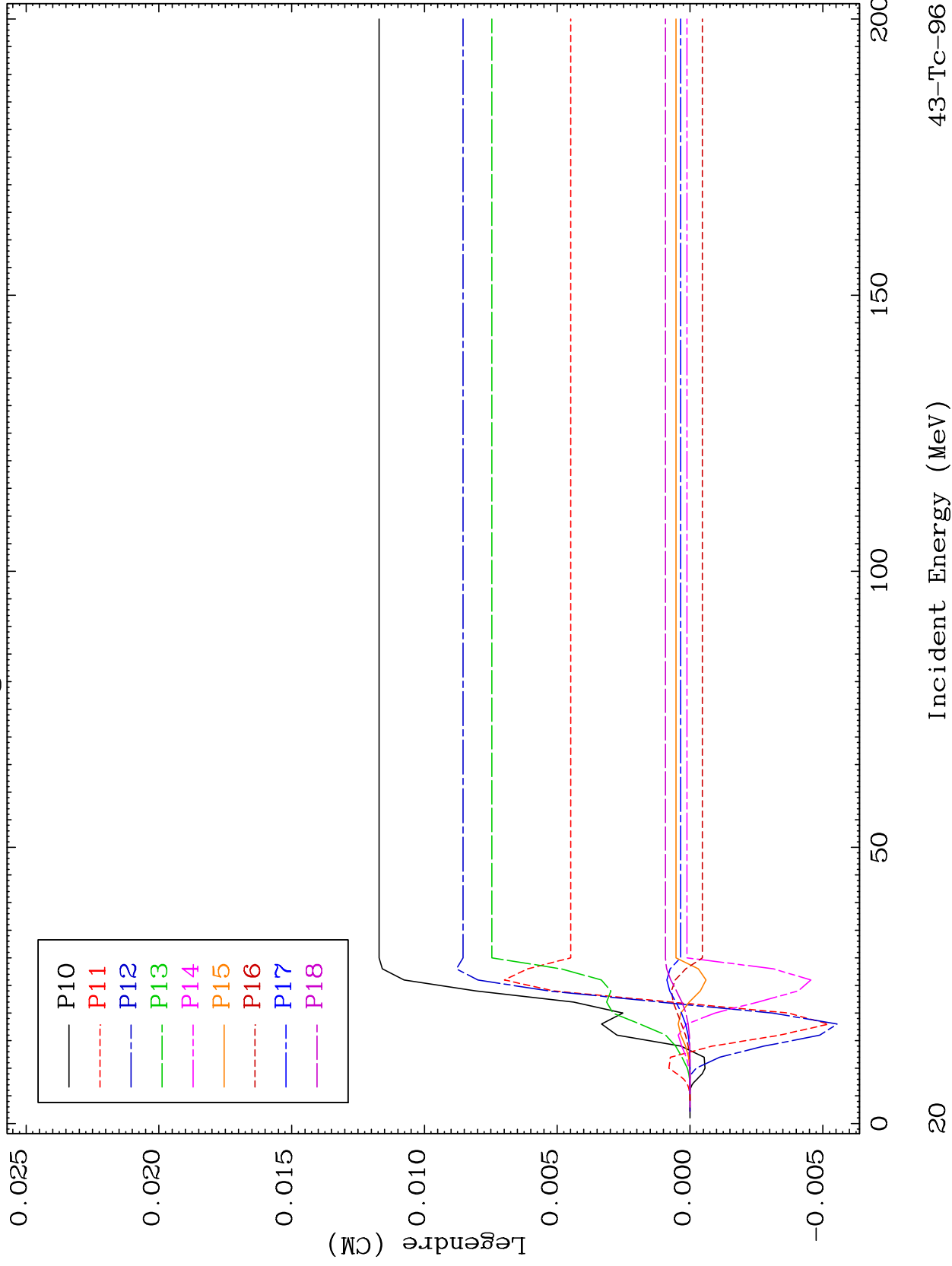
Incident Energy (MeV)

19

MAT 4316

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

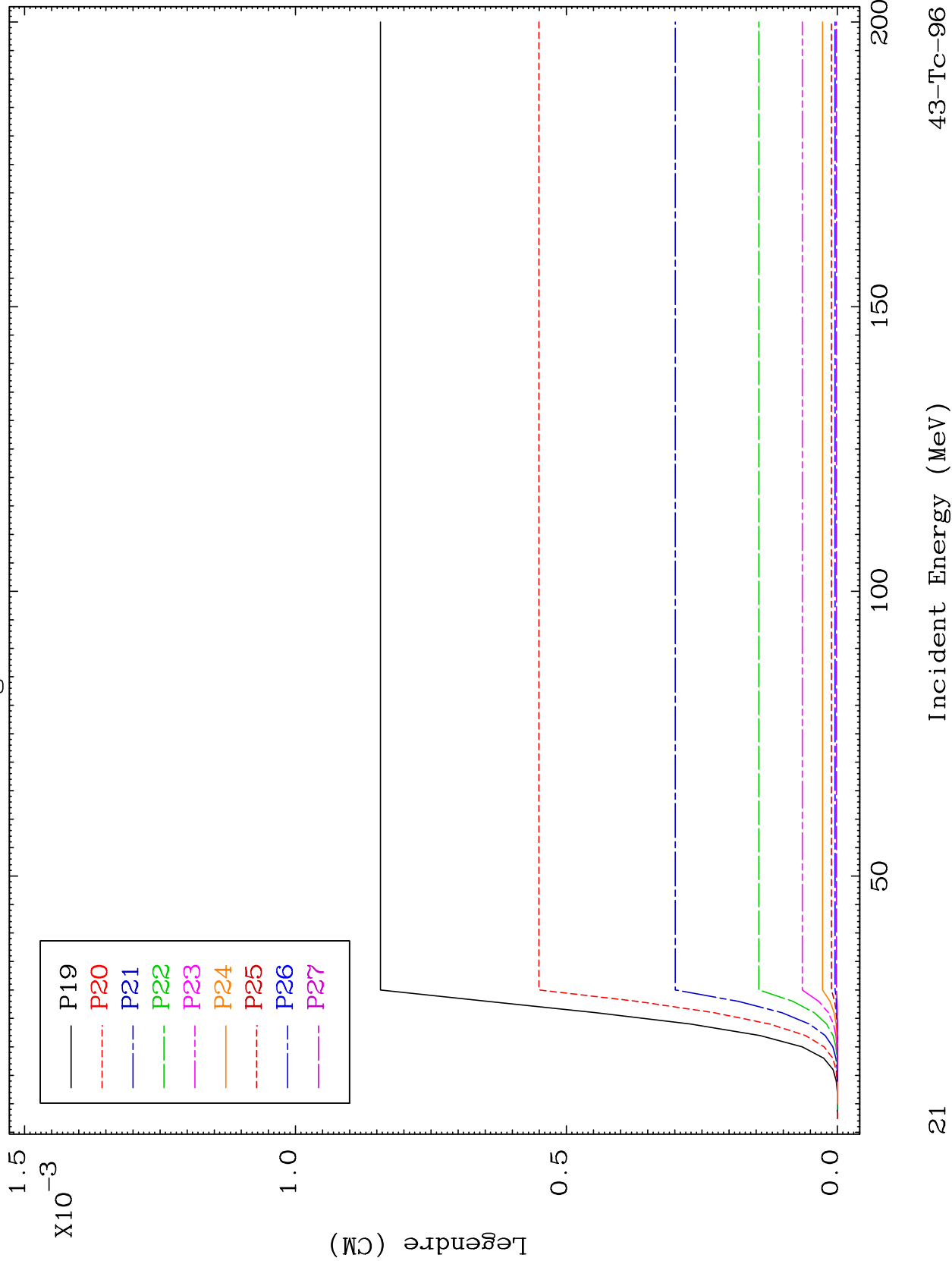
43-Tc-96



43-Tc-96

Incident Energy (MeV)

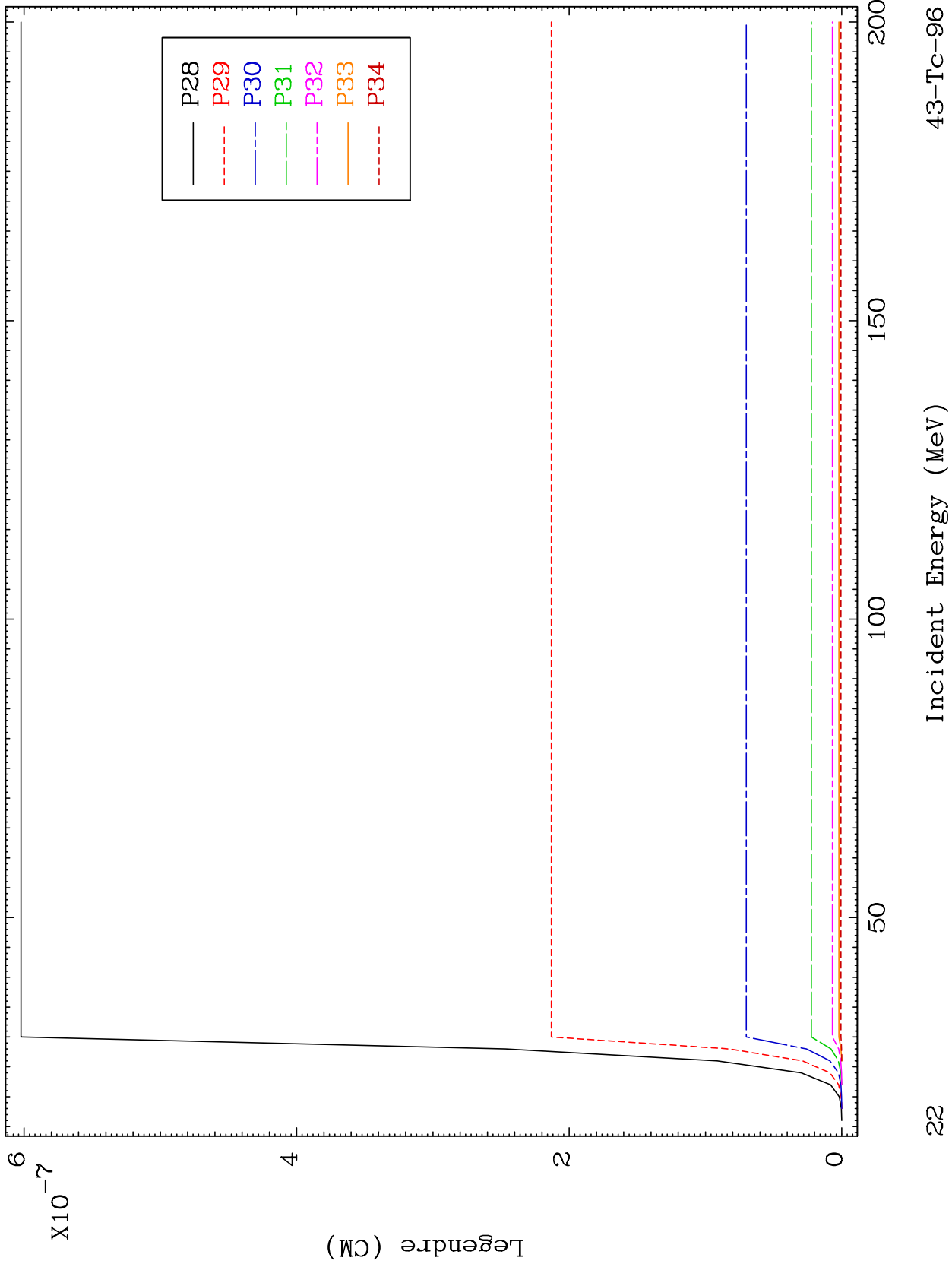
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MAT 4316

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

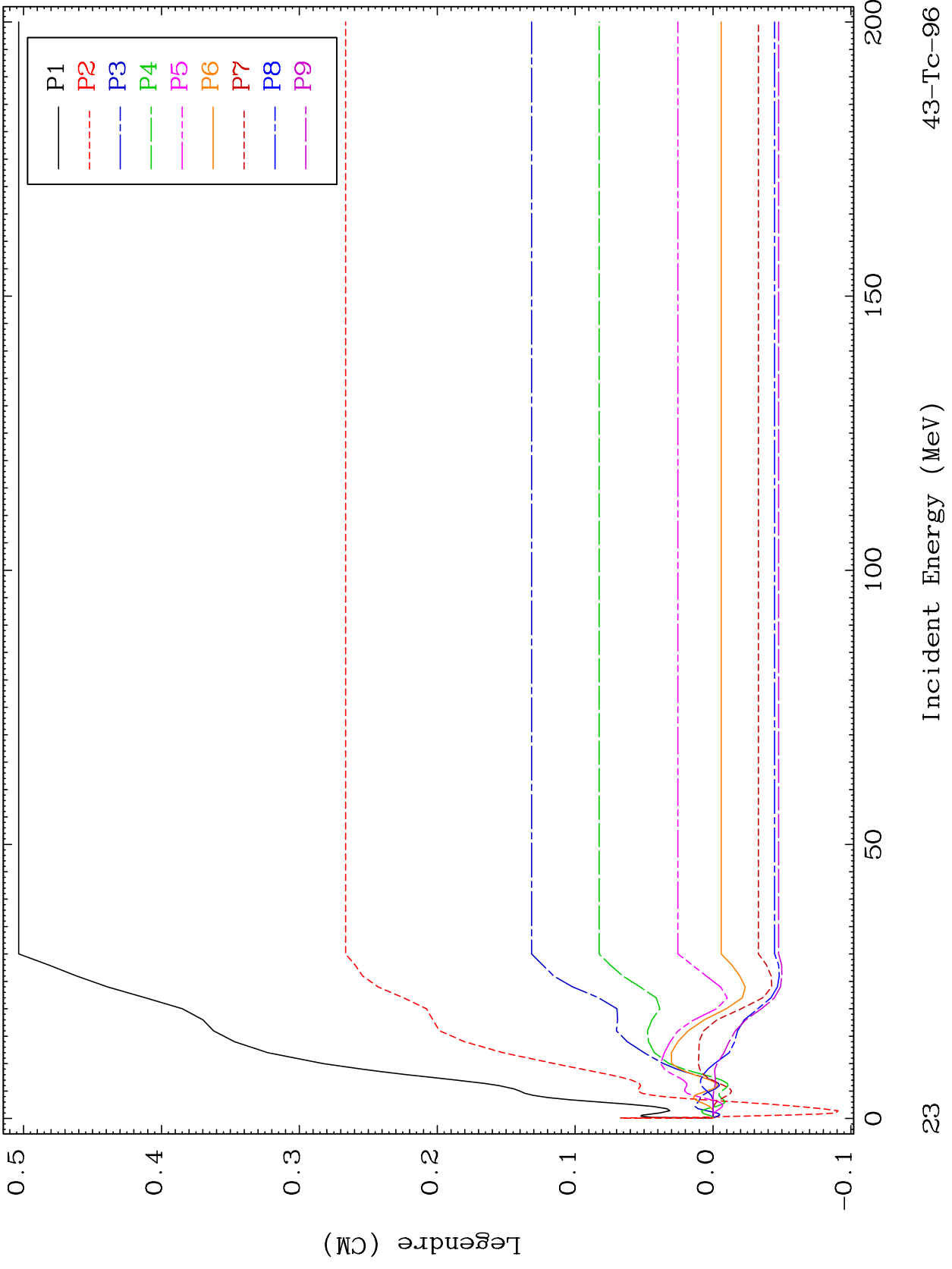
43-Tc-96



MAT 4316

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

43-Tc-96



43-Tc-96

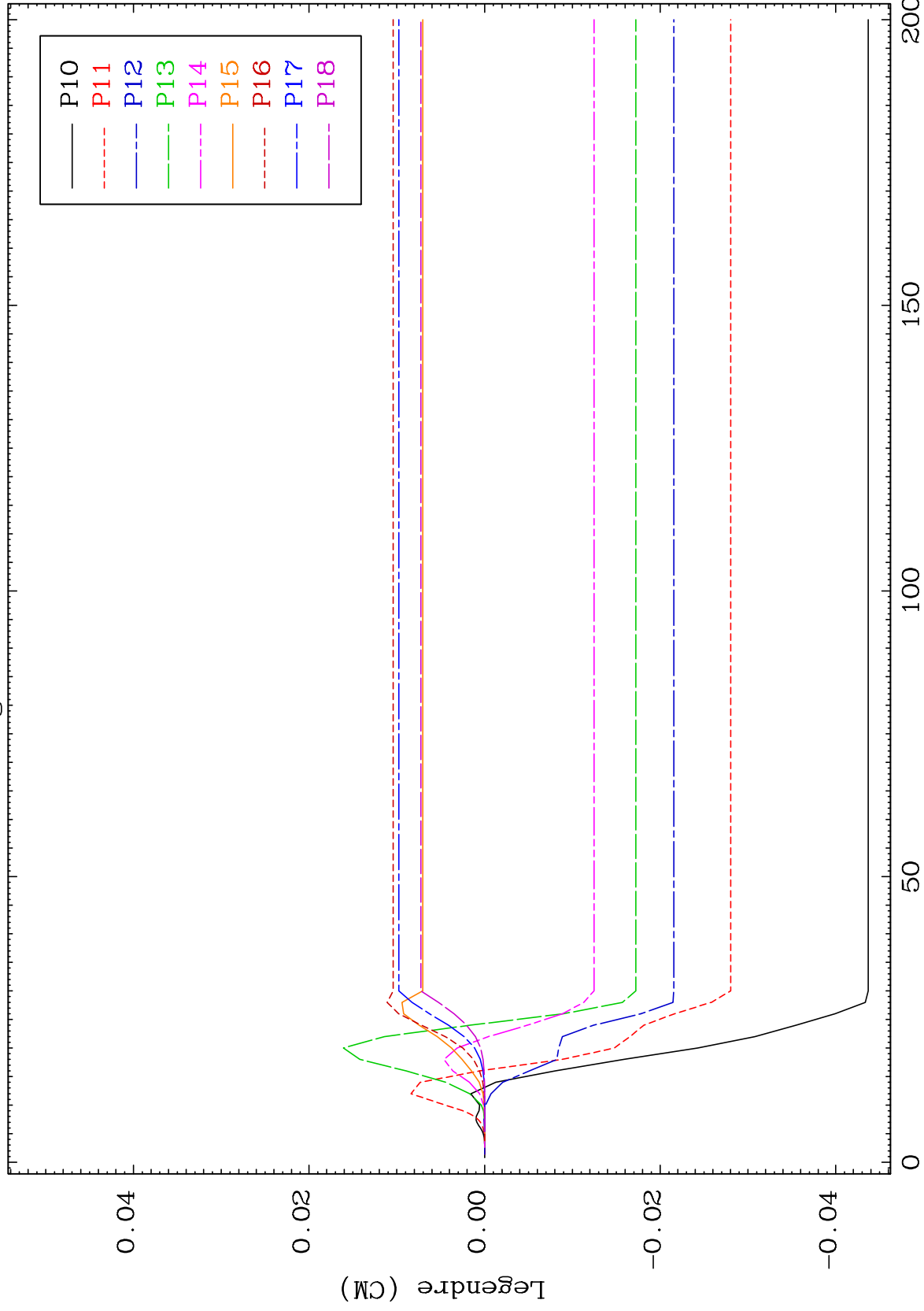
Incident Energy (MeV)

23

MAT 4316

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

43-Tc-96



24

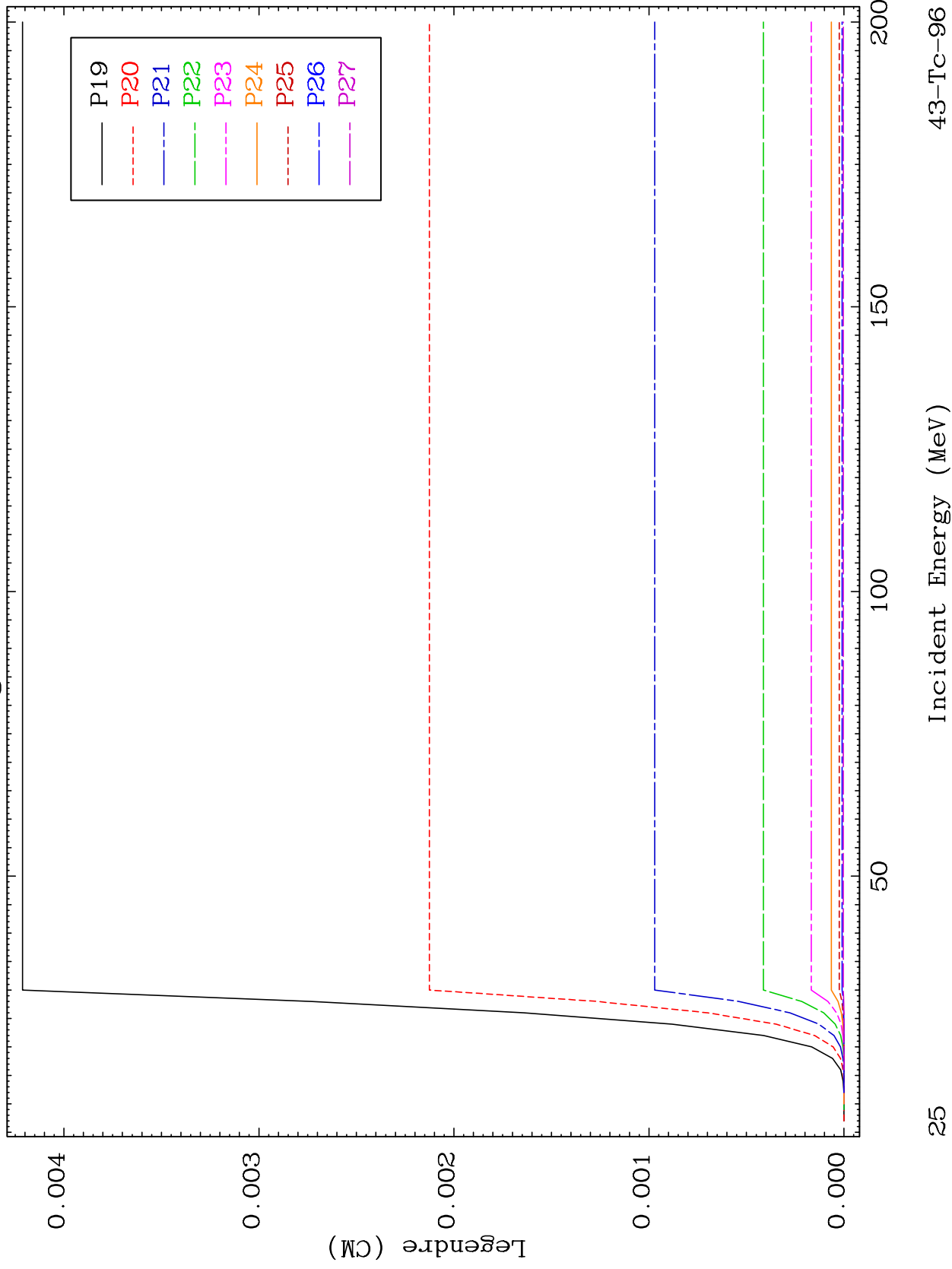
Incident Energy (MeV)

43-Tc-96

MAT 4316

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

43-Tc-96



25

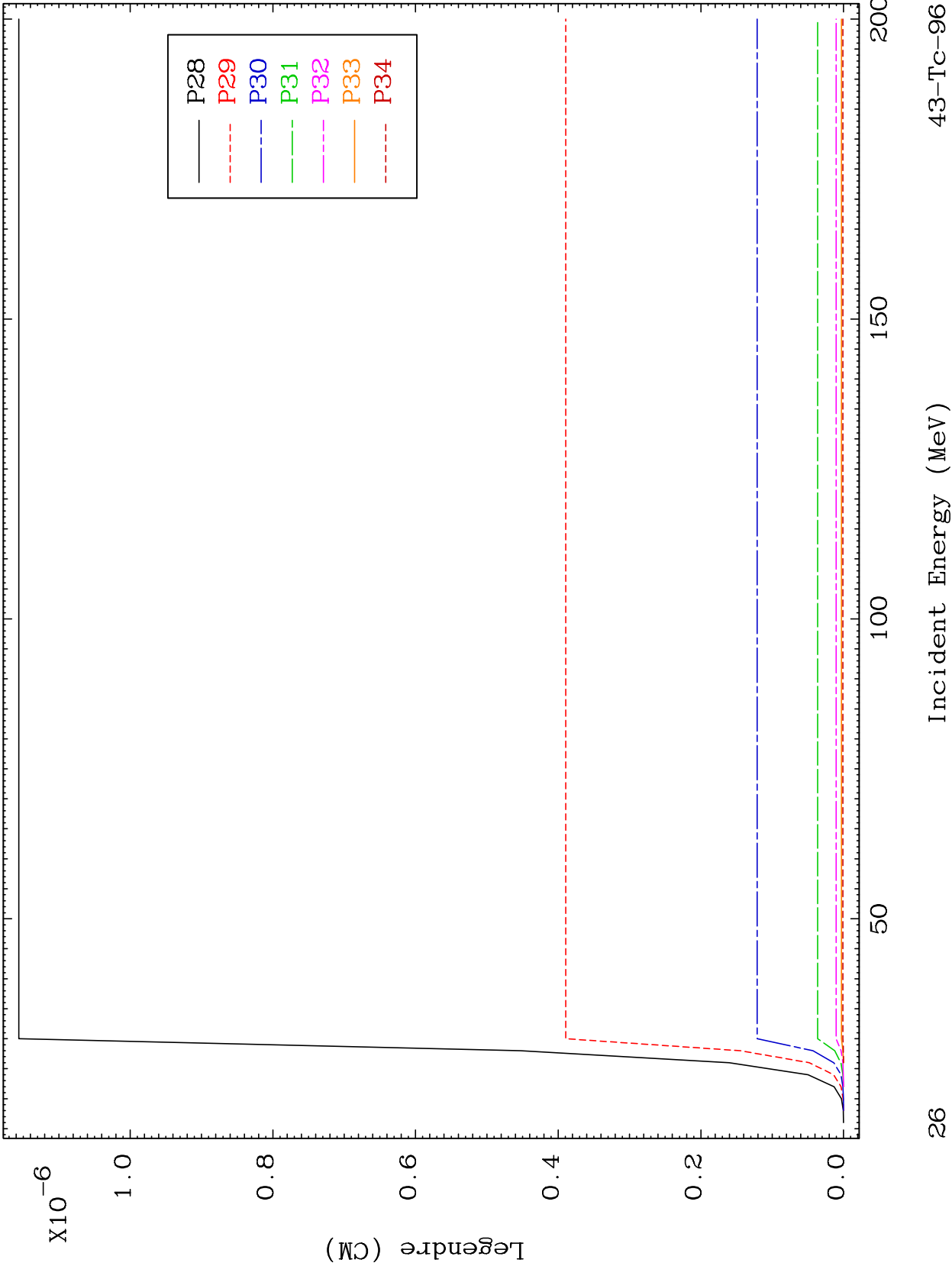
Incident Energy (MeV)

43-Tc-96

MAT 4316

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

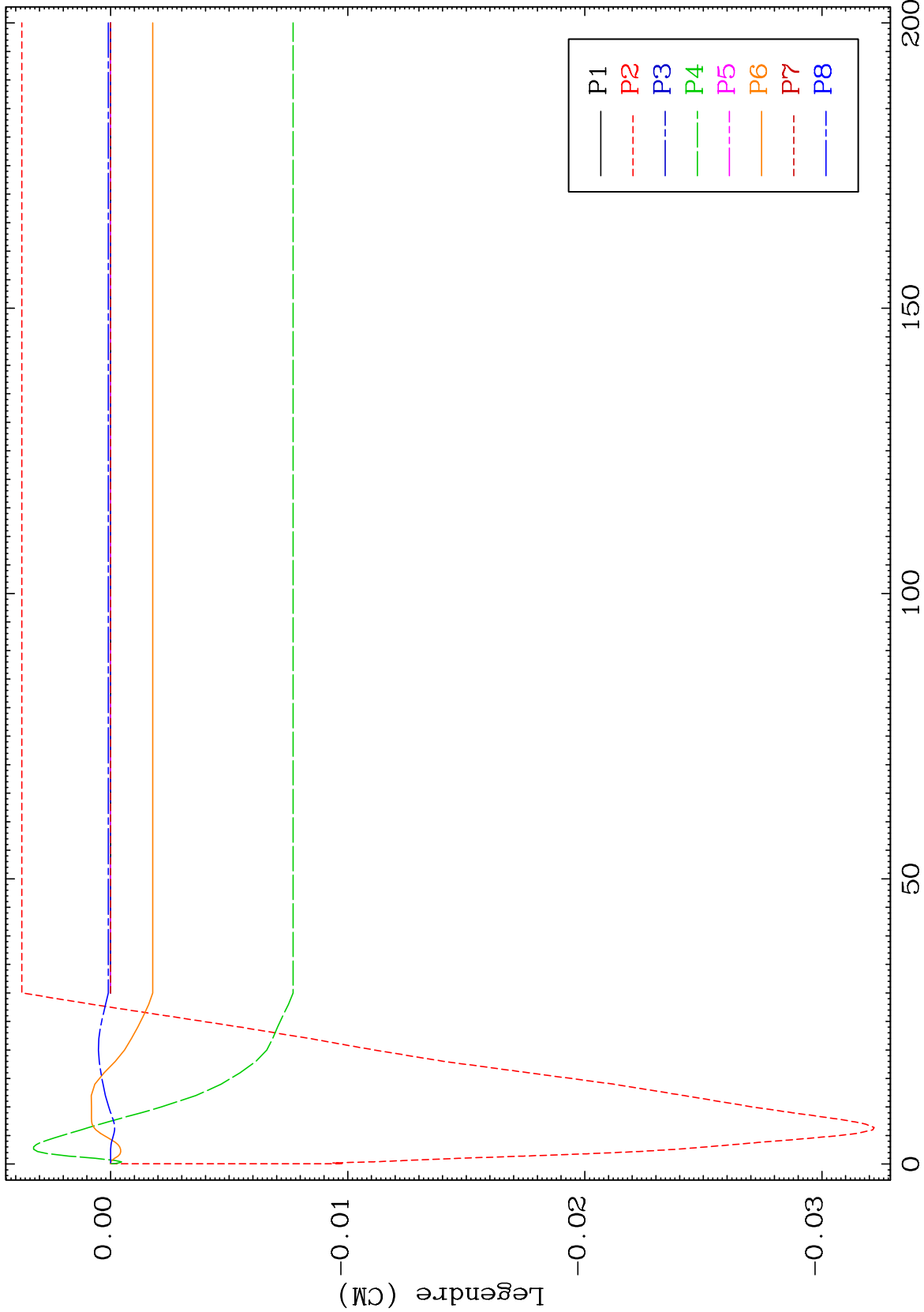
43-Tc-96



MAT 4316

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

43-Tc-96



27

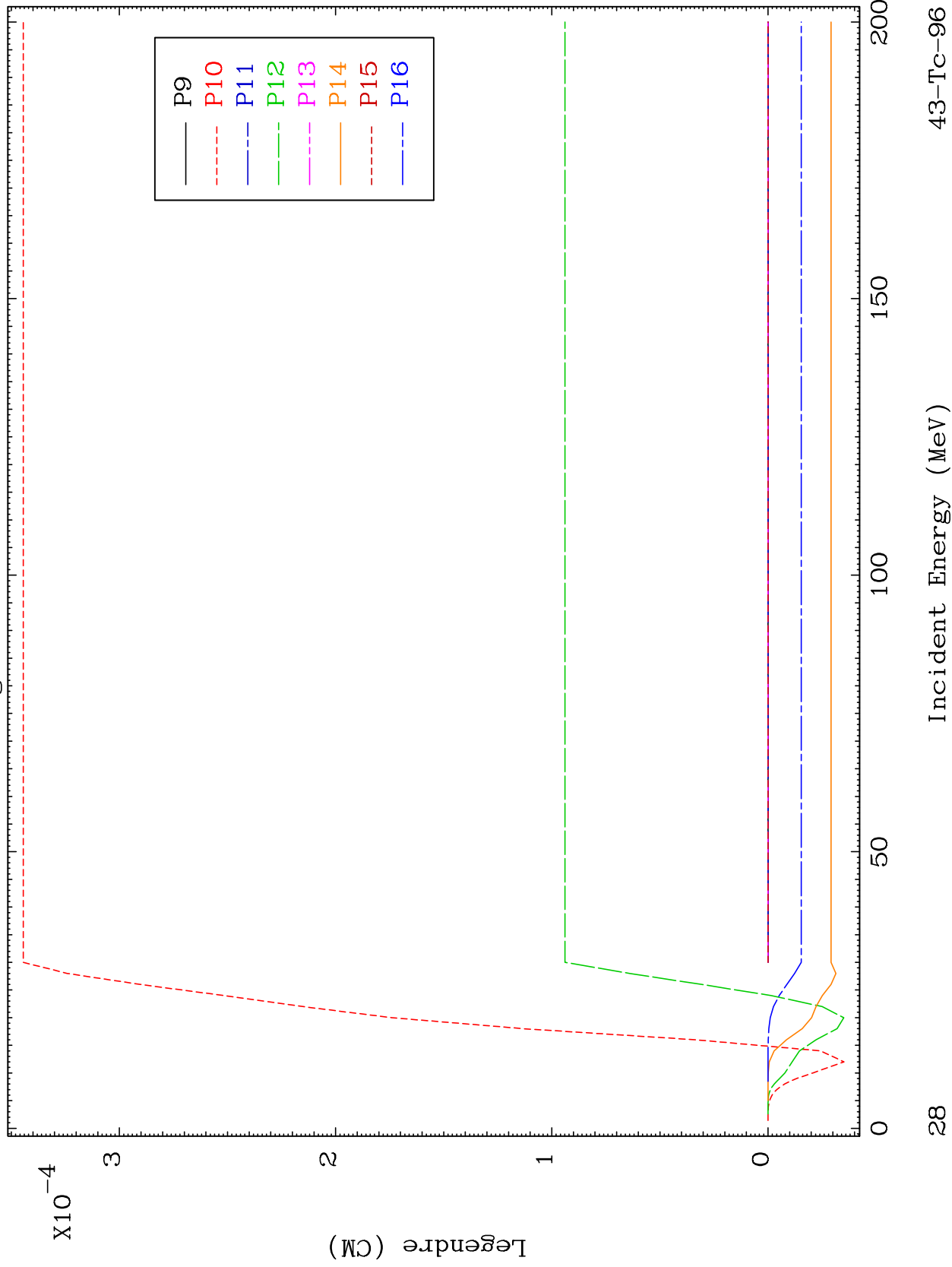
Incident Energy (MeV)

43-Tc-96

MAT 4316

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

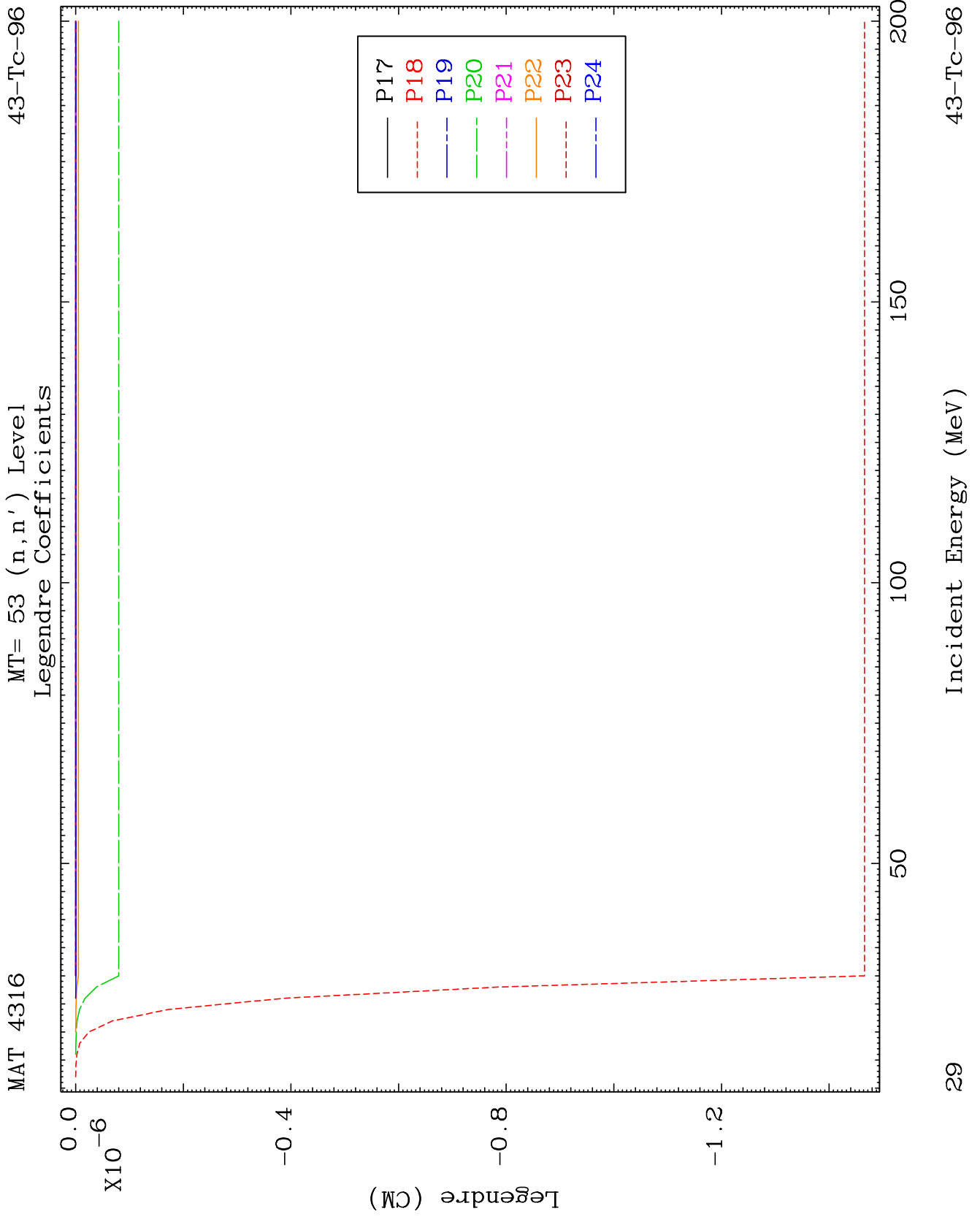
43-Tc-96



43-Tc-96

Incident Energy (MeV)

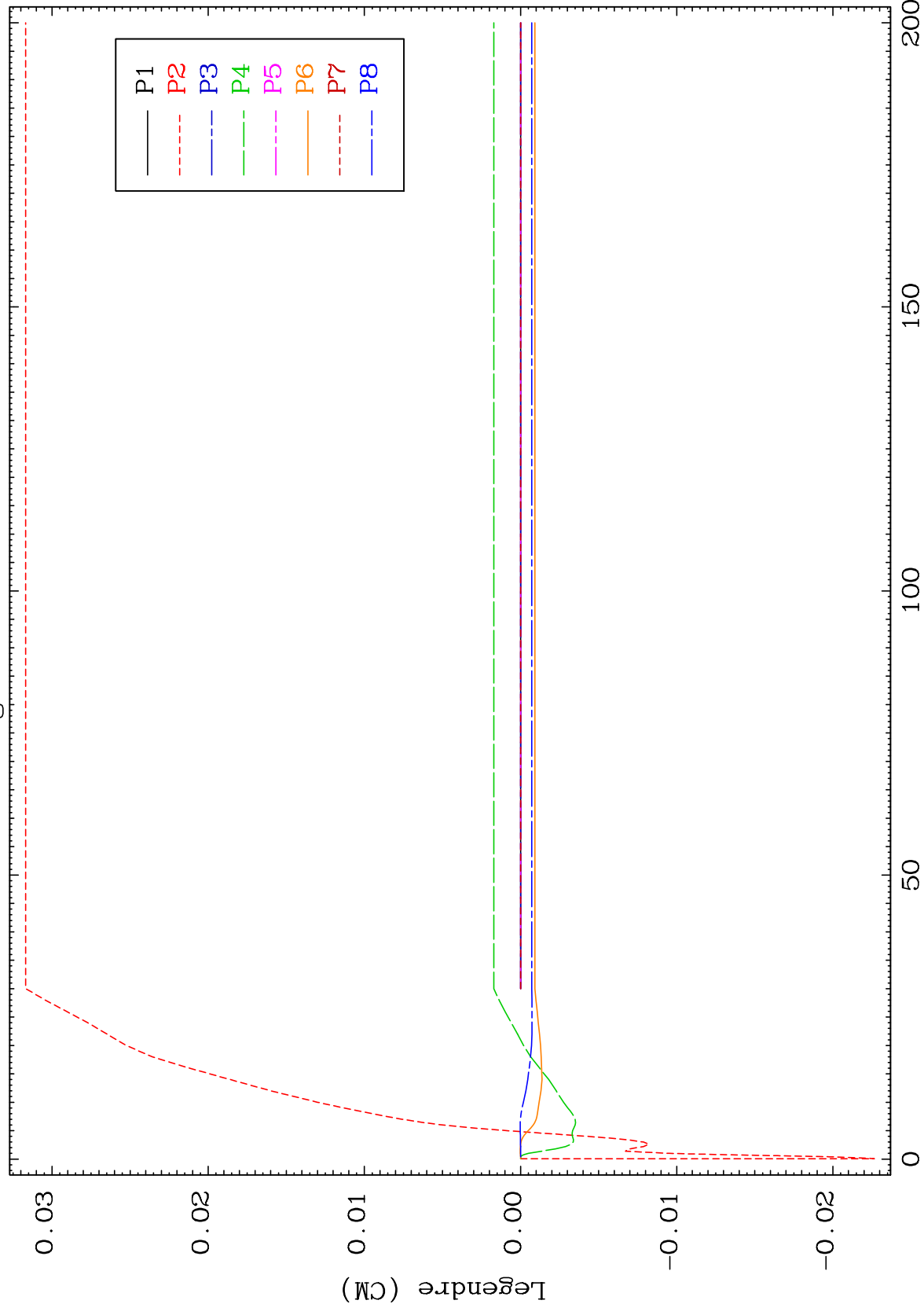
28



MAT 4316

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

43-Tc-96



43-Tc-96

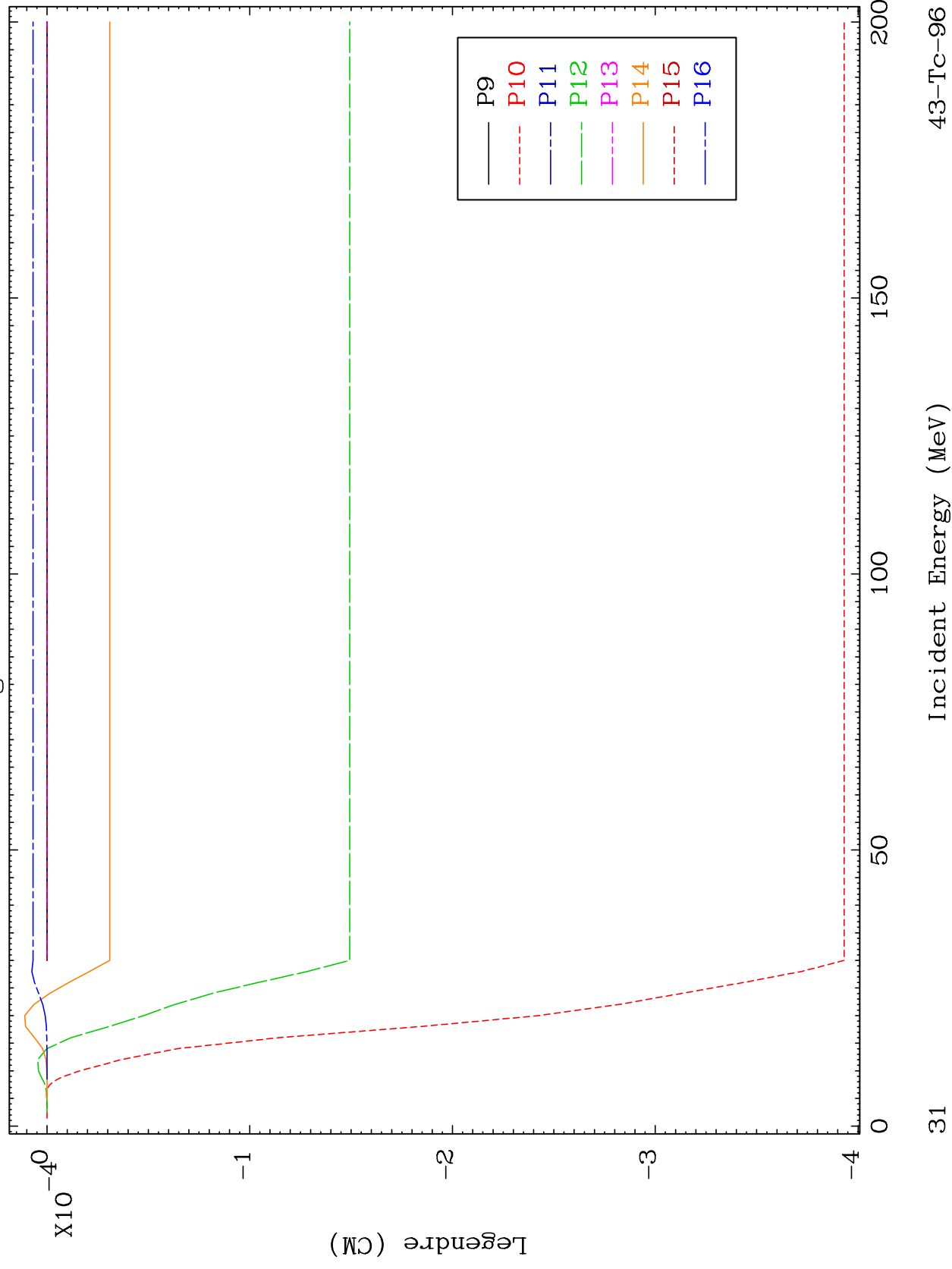
Incident Energy (MeV)

30

MAT 4316

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

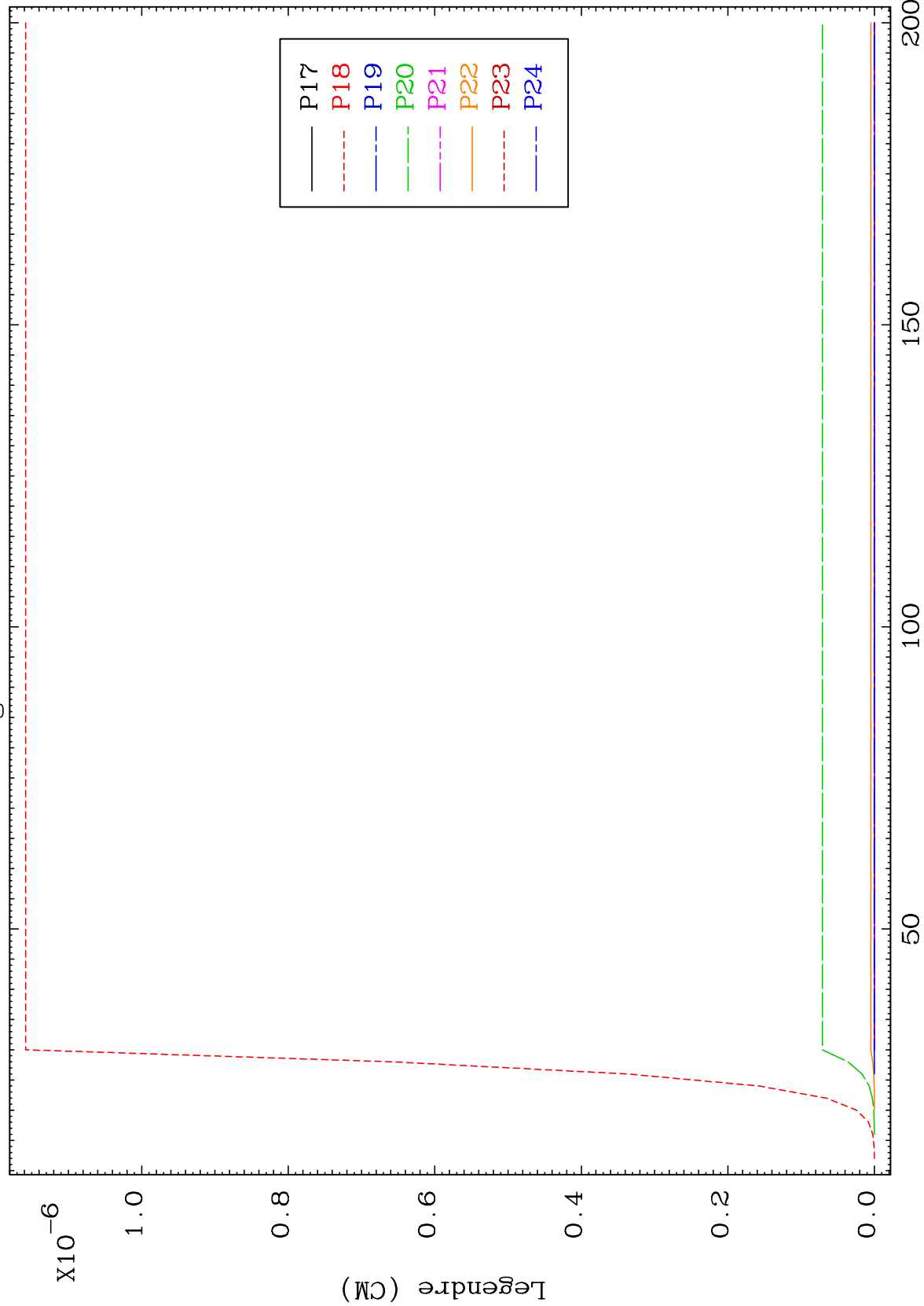
43-Tc-96



MAT 4316

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

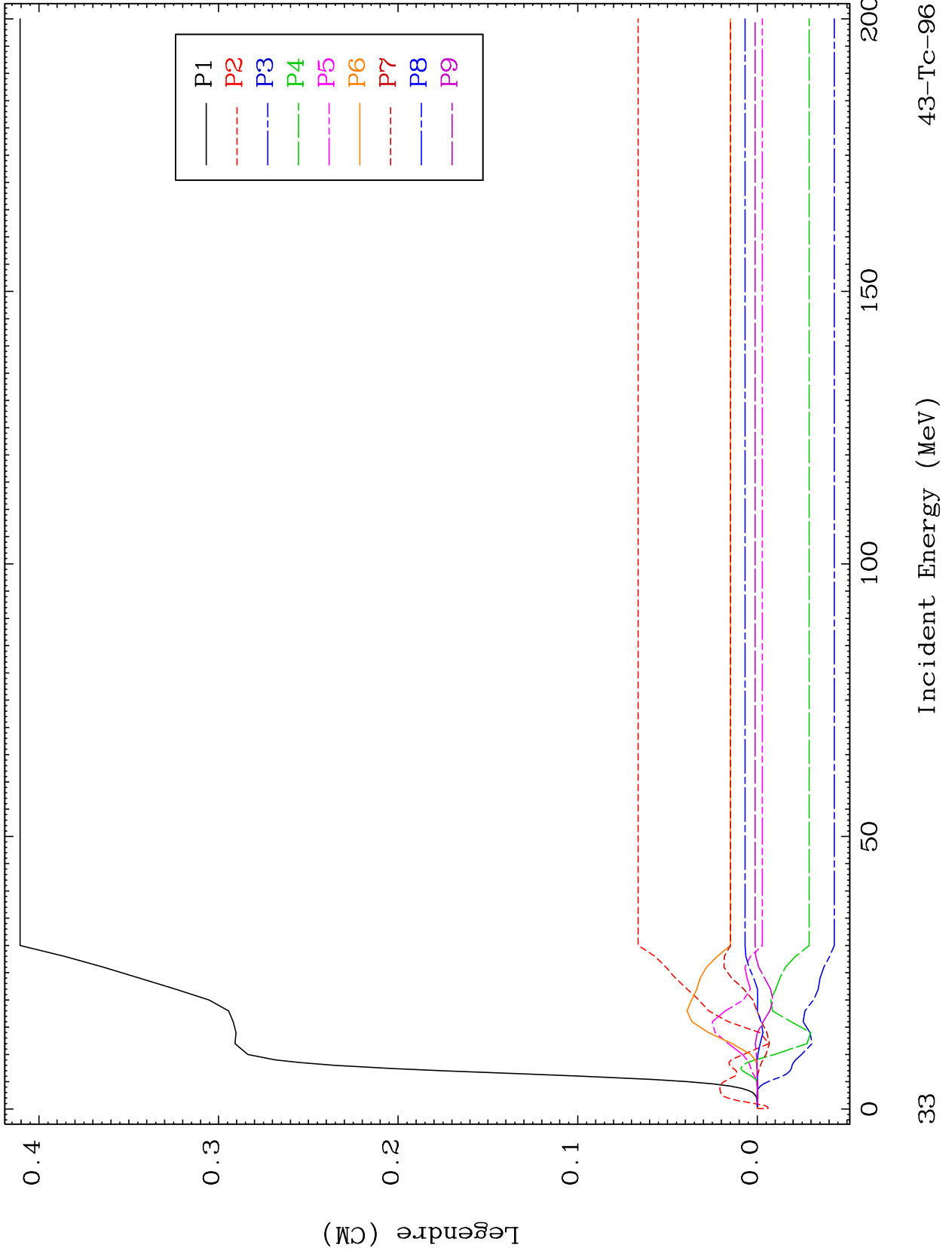
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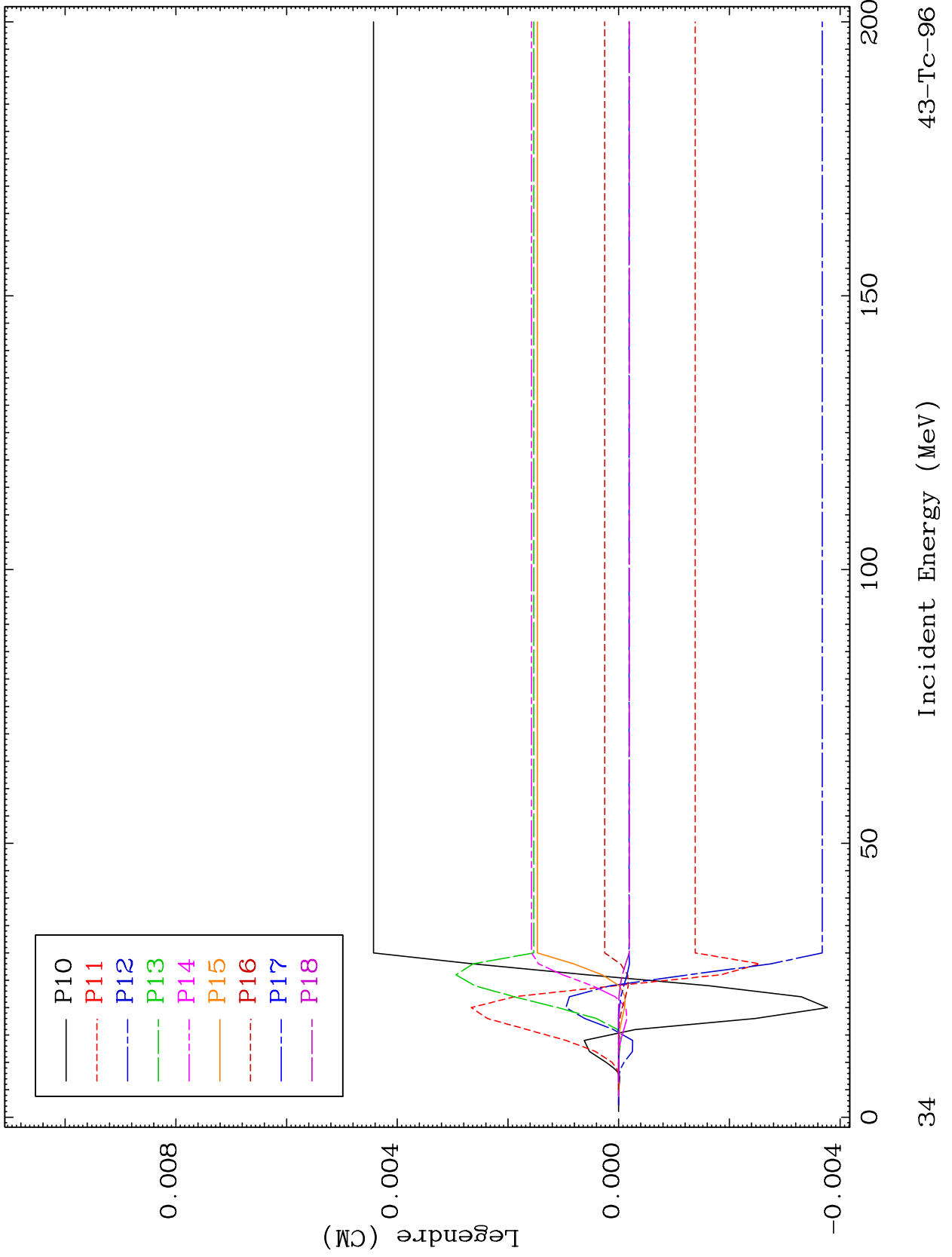


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Incident Energy (MeV)

43-Tc-96

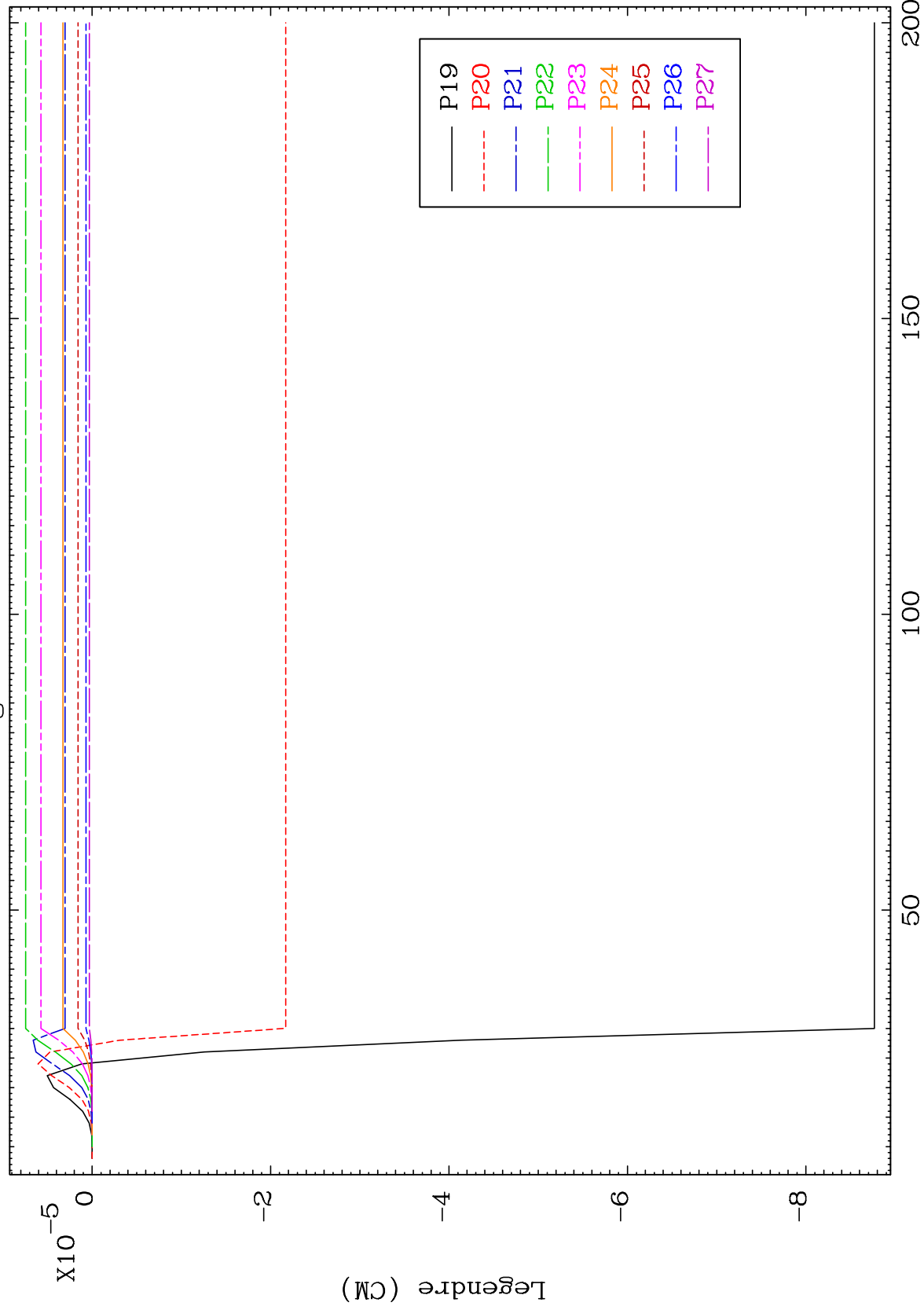




MAT 4316

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

43-Tc-96



35

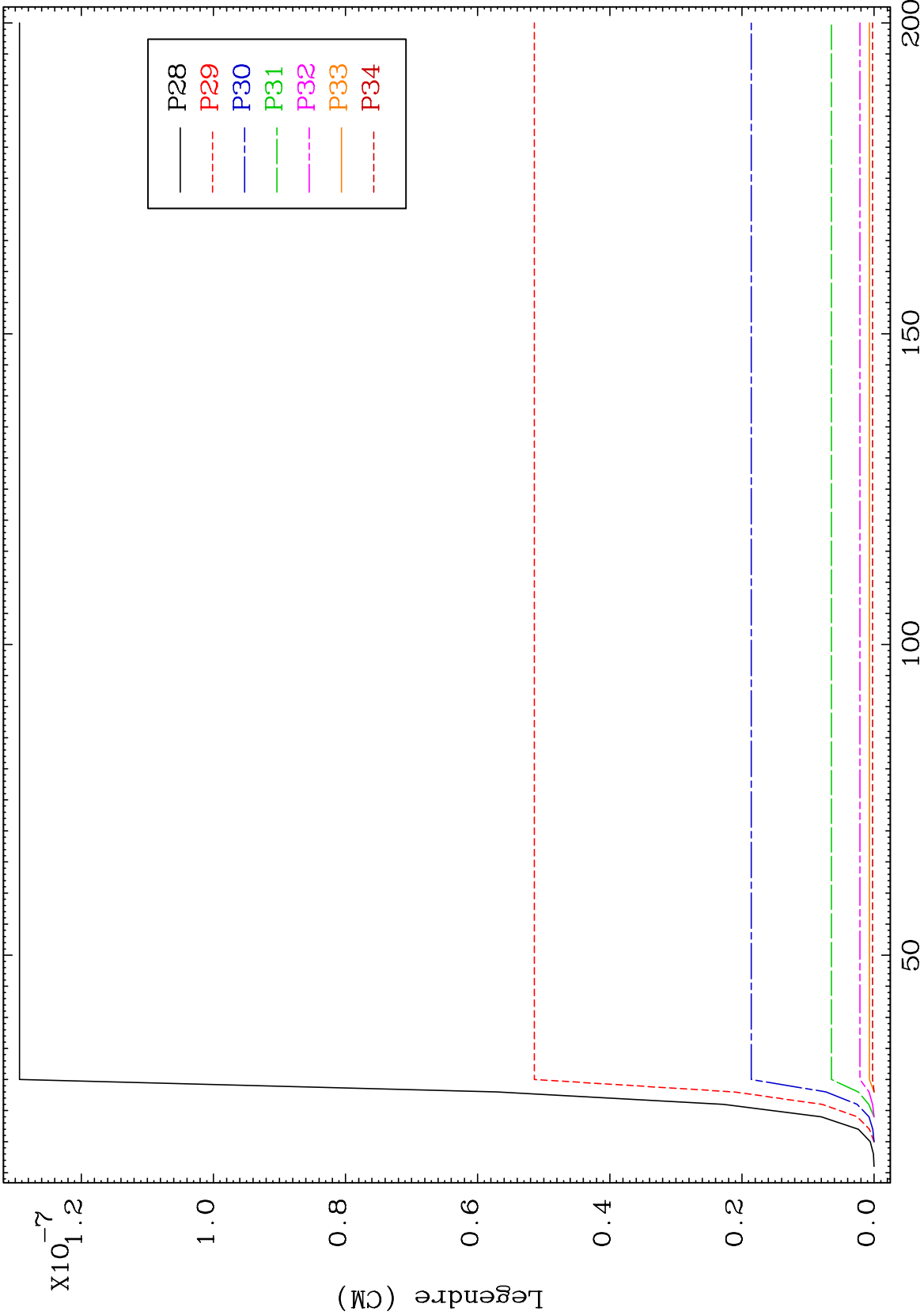
Incident Energy (MeV)

43-Tc-96

MAT 4316

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

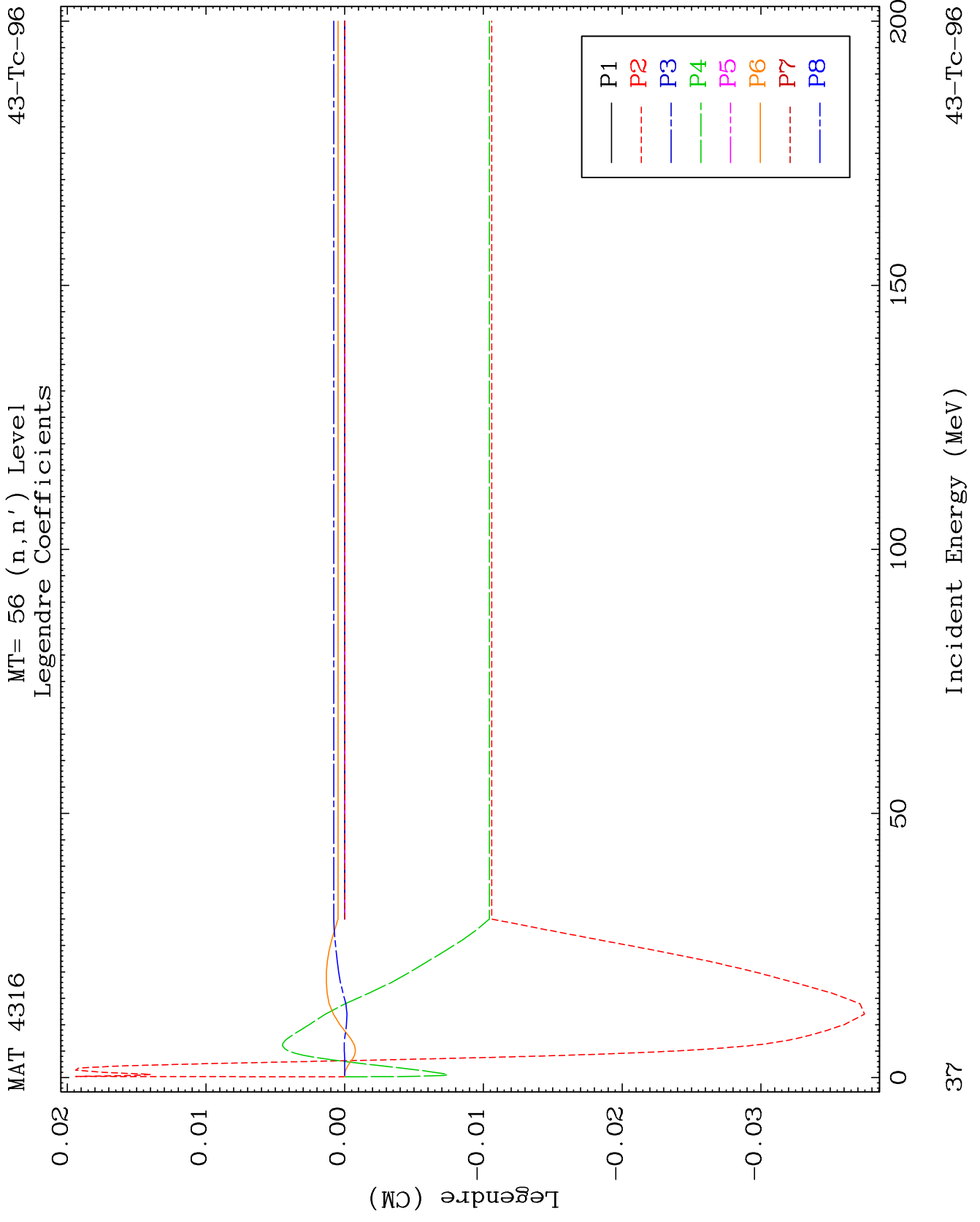
43-Tc-96



36

Incident Energy (MeV)

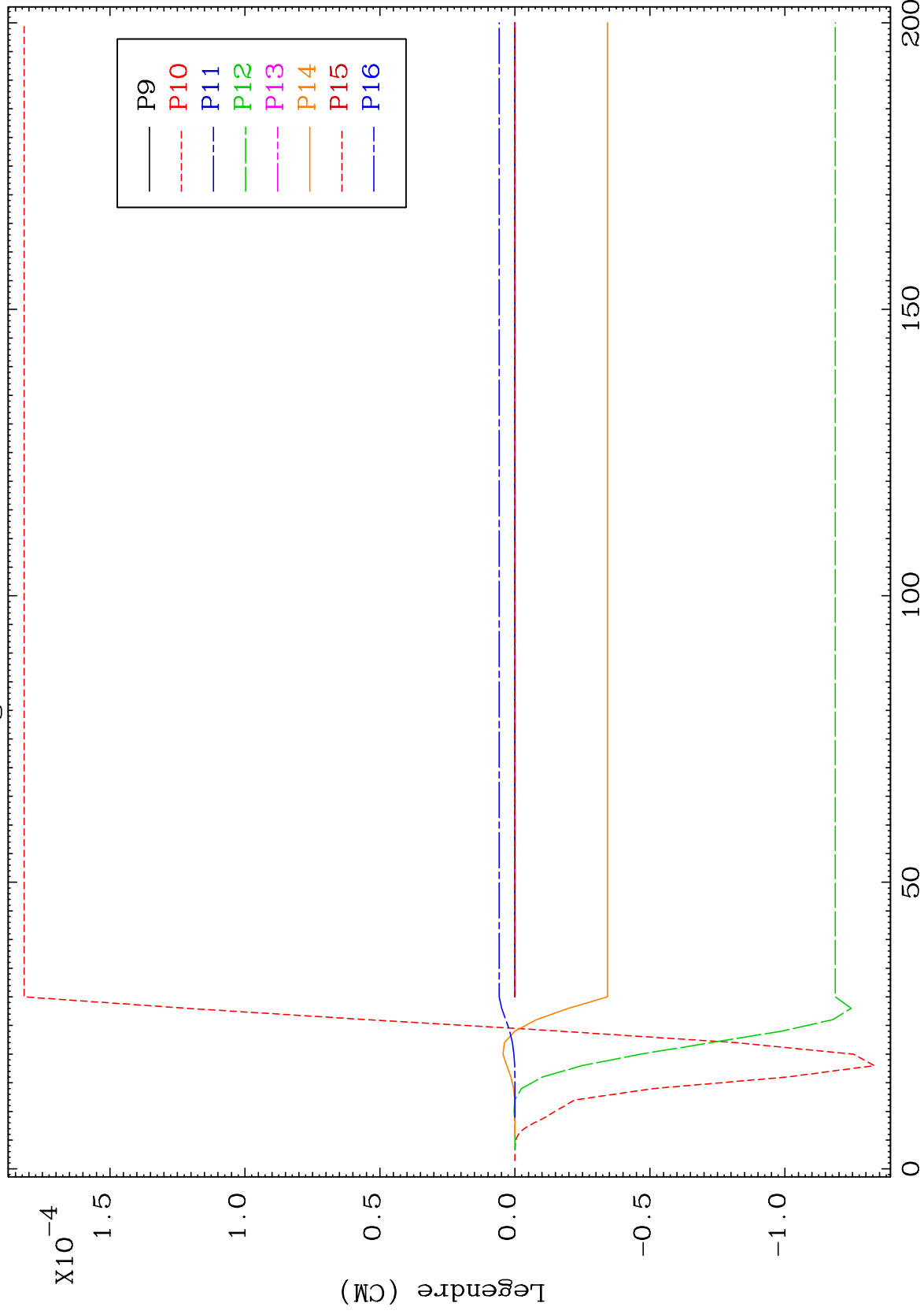
43-Tc-96



MAT 4316

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

43-Tc-96



38

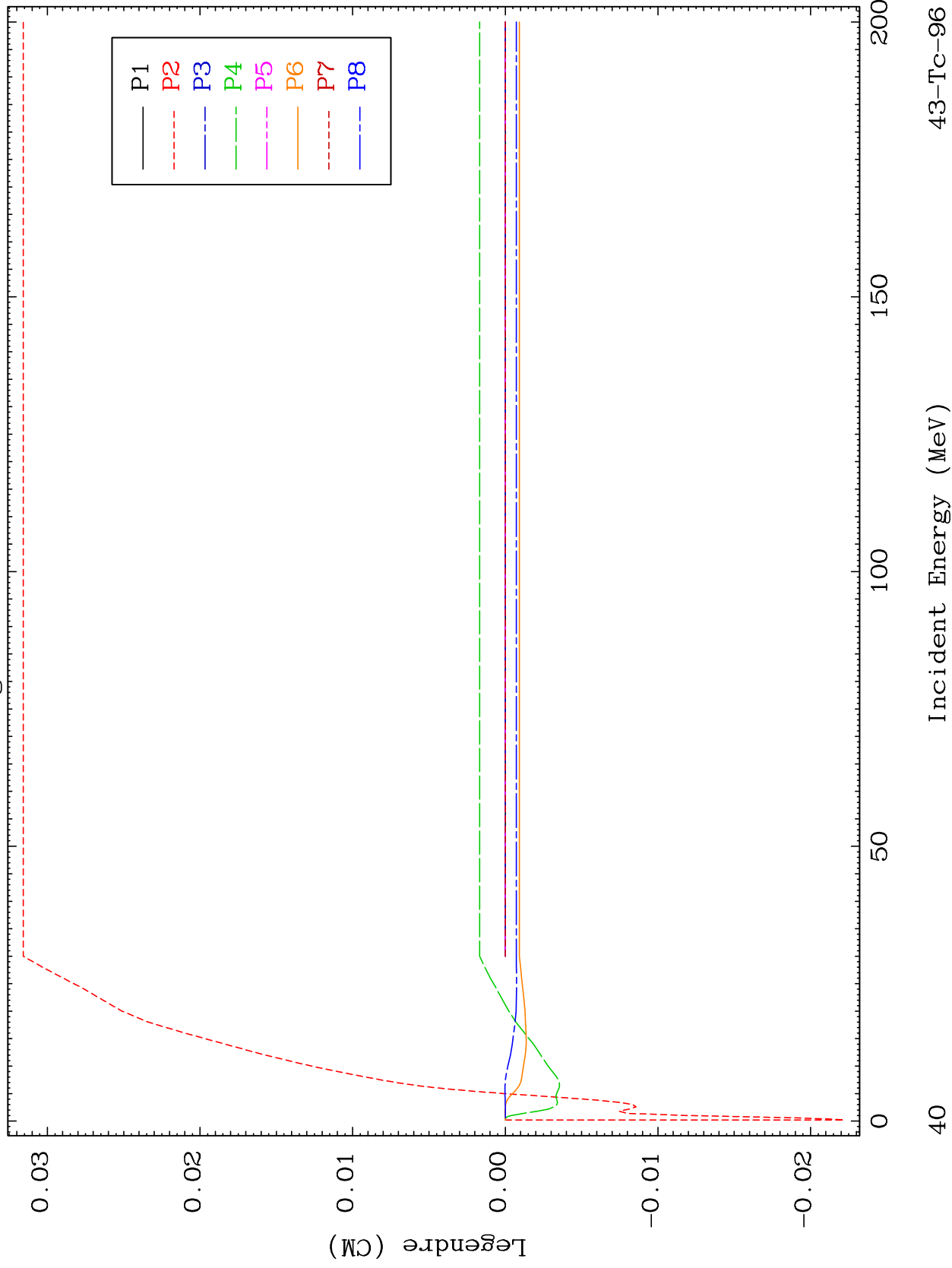
Incident Energy (MeV)

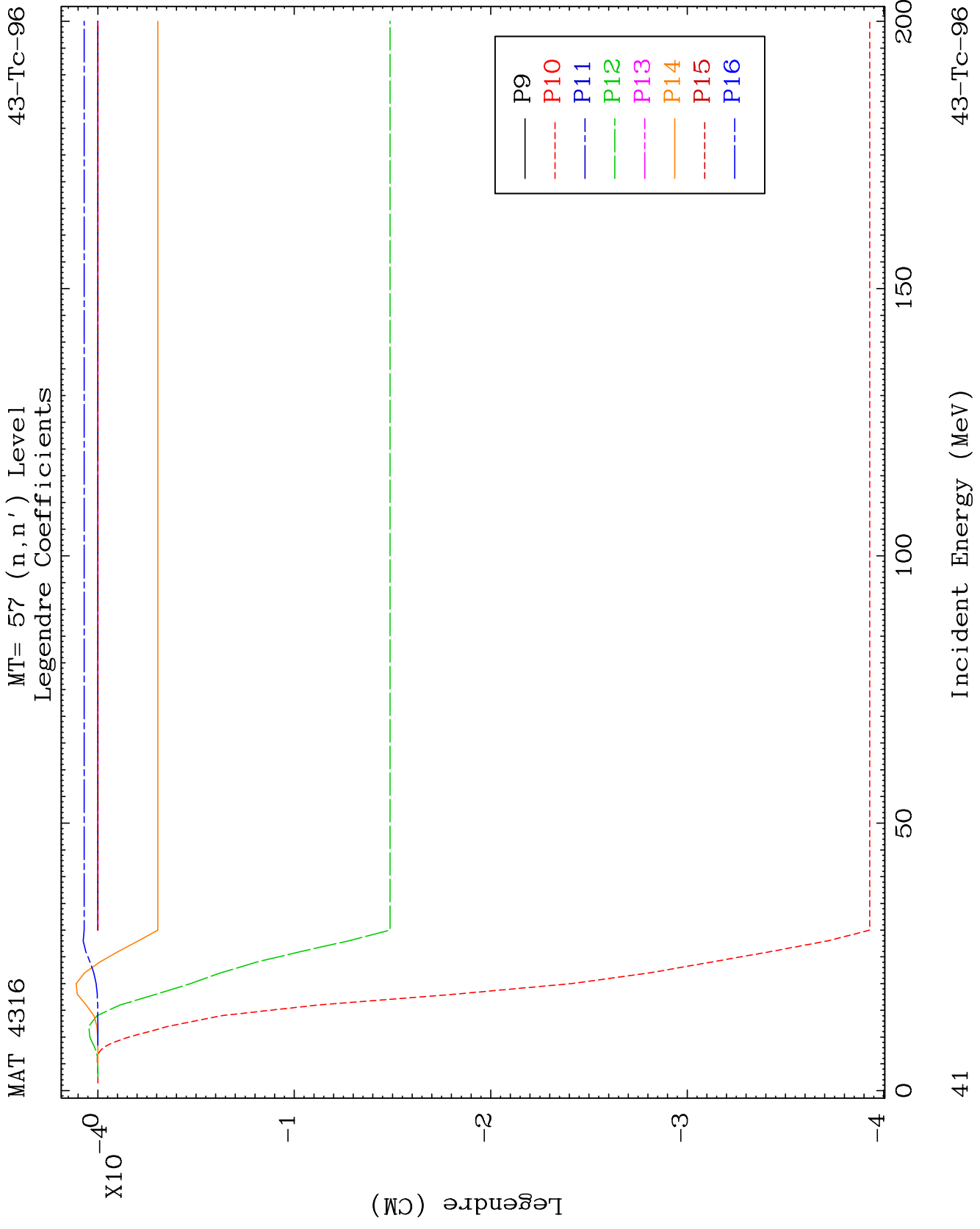
43-Tc-96

MAT 4316

MT= 57 (n,n') Level
Legendre Coefficients

43-Tc-96

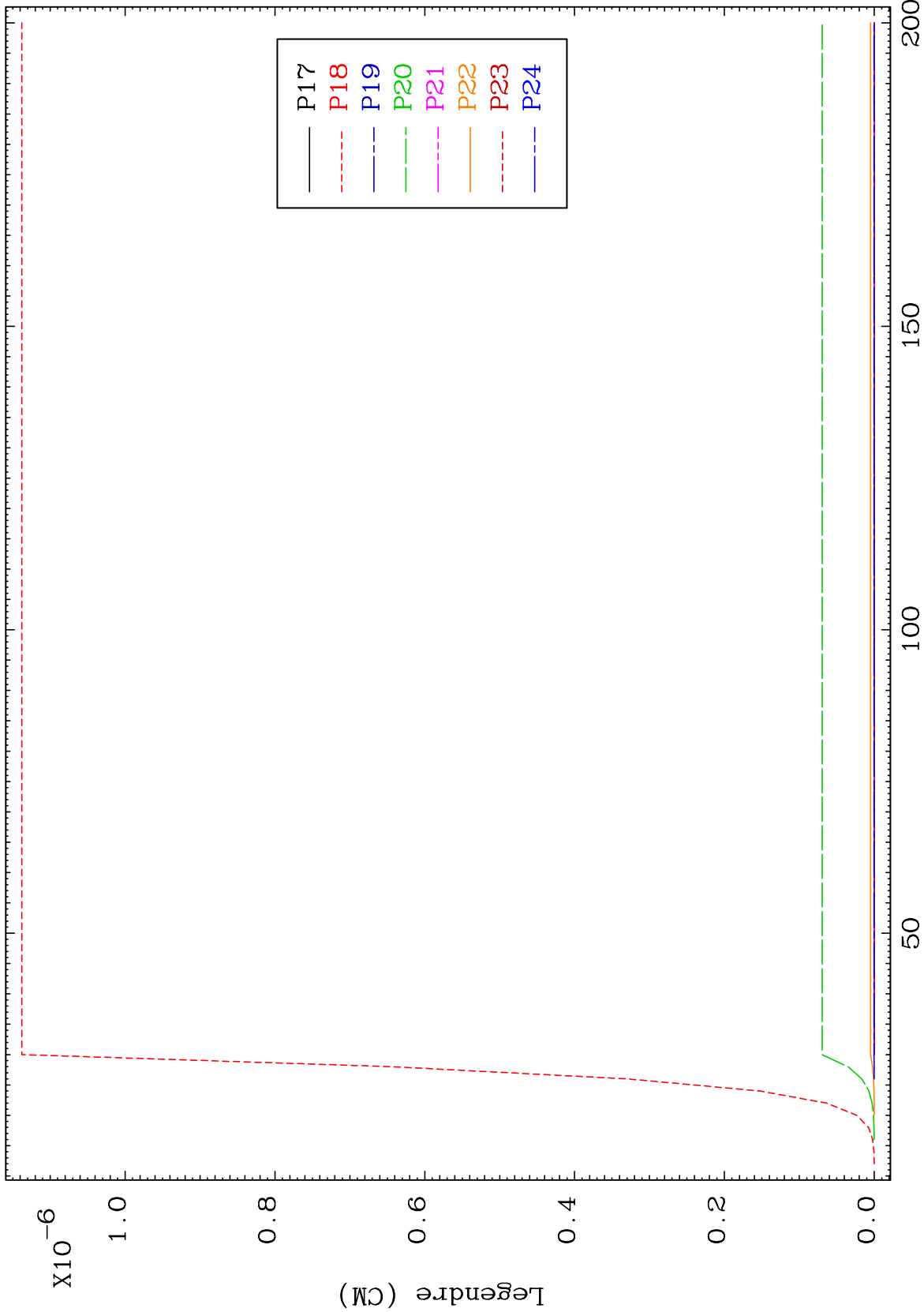




MAT 4316

MT= 57 (n,n') Level
Legendre Coefficients

43-Tc-96



42

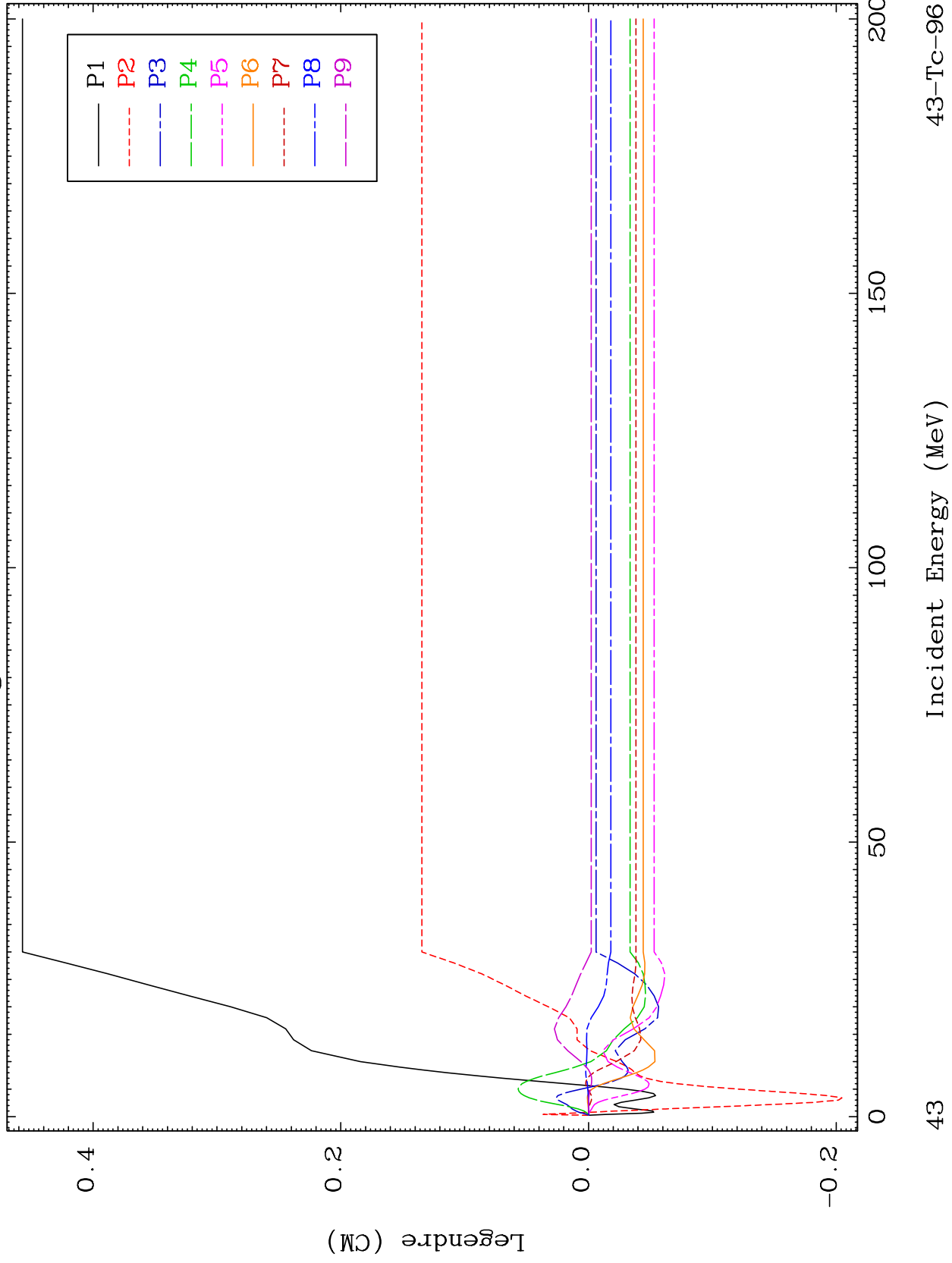
Incident Energy (MeV)

43-Tc-96

MAT 4316

MT= 58 (n,n') Level
Legendre Coefficients

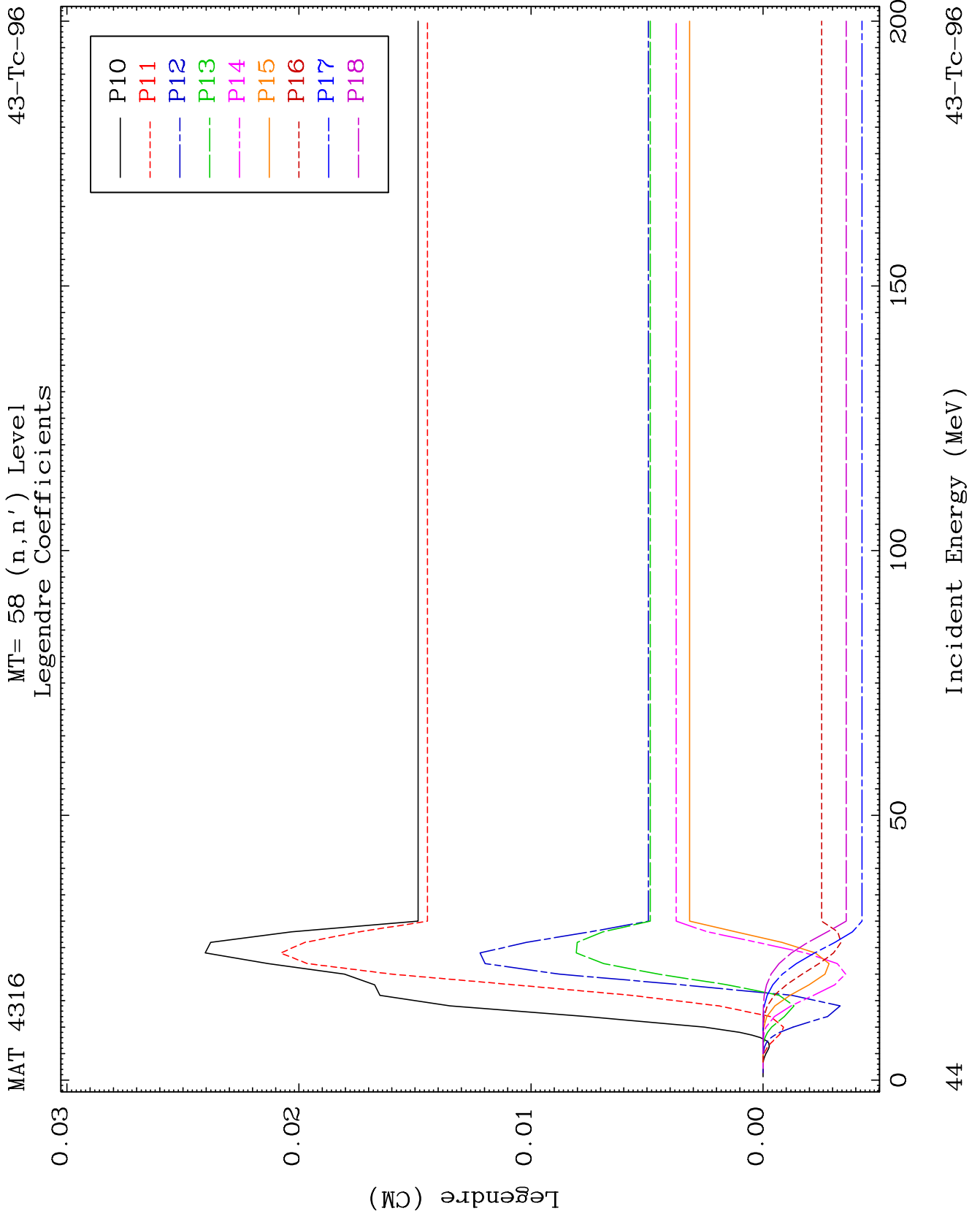
43-Tc-96



43-Tc-96

Incident Energy (MeV)

43

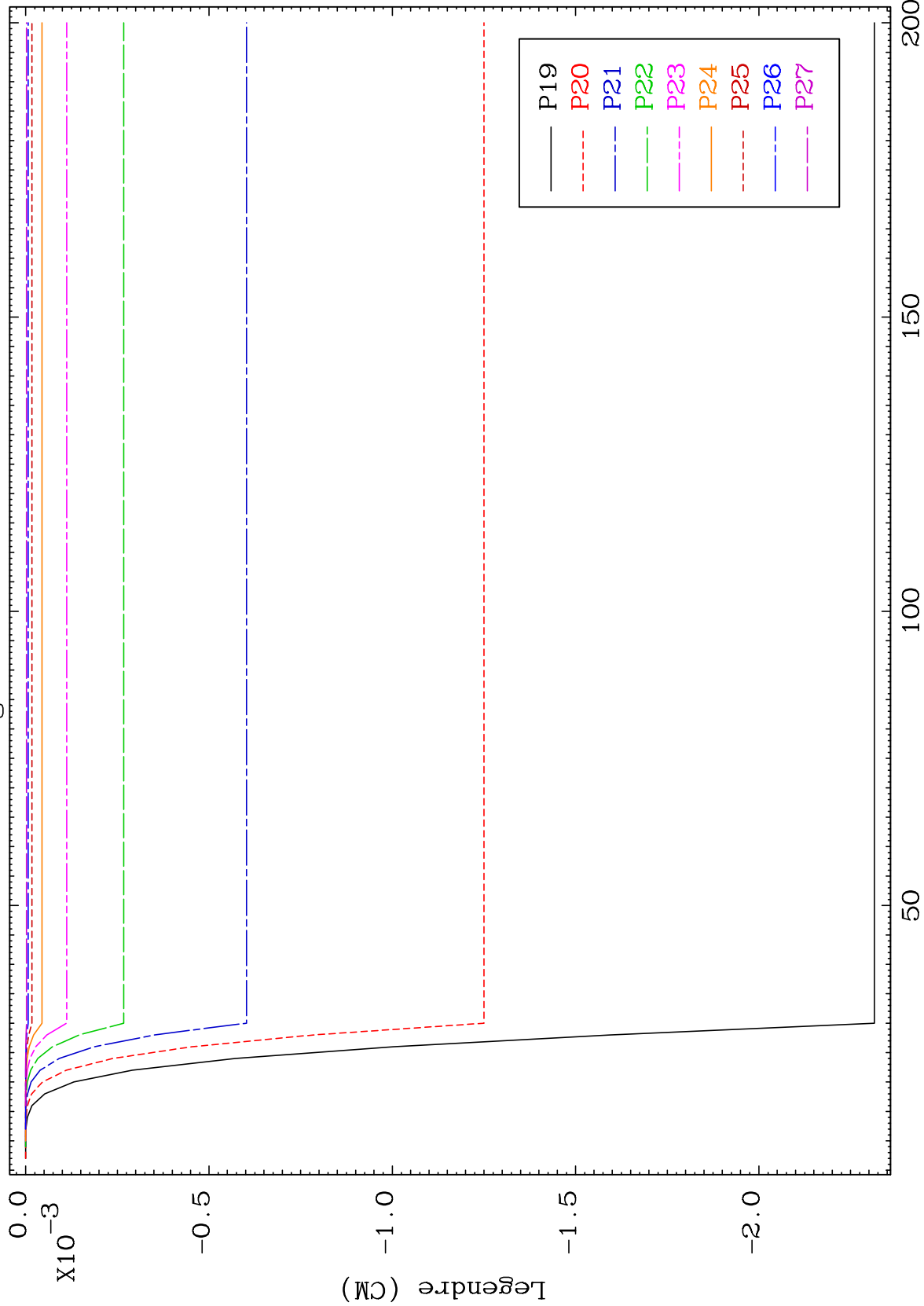


MAT 4316

MT= 58 (n,n') Level

43-Tc-96

Legendre Coefficients



43-Tc-96

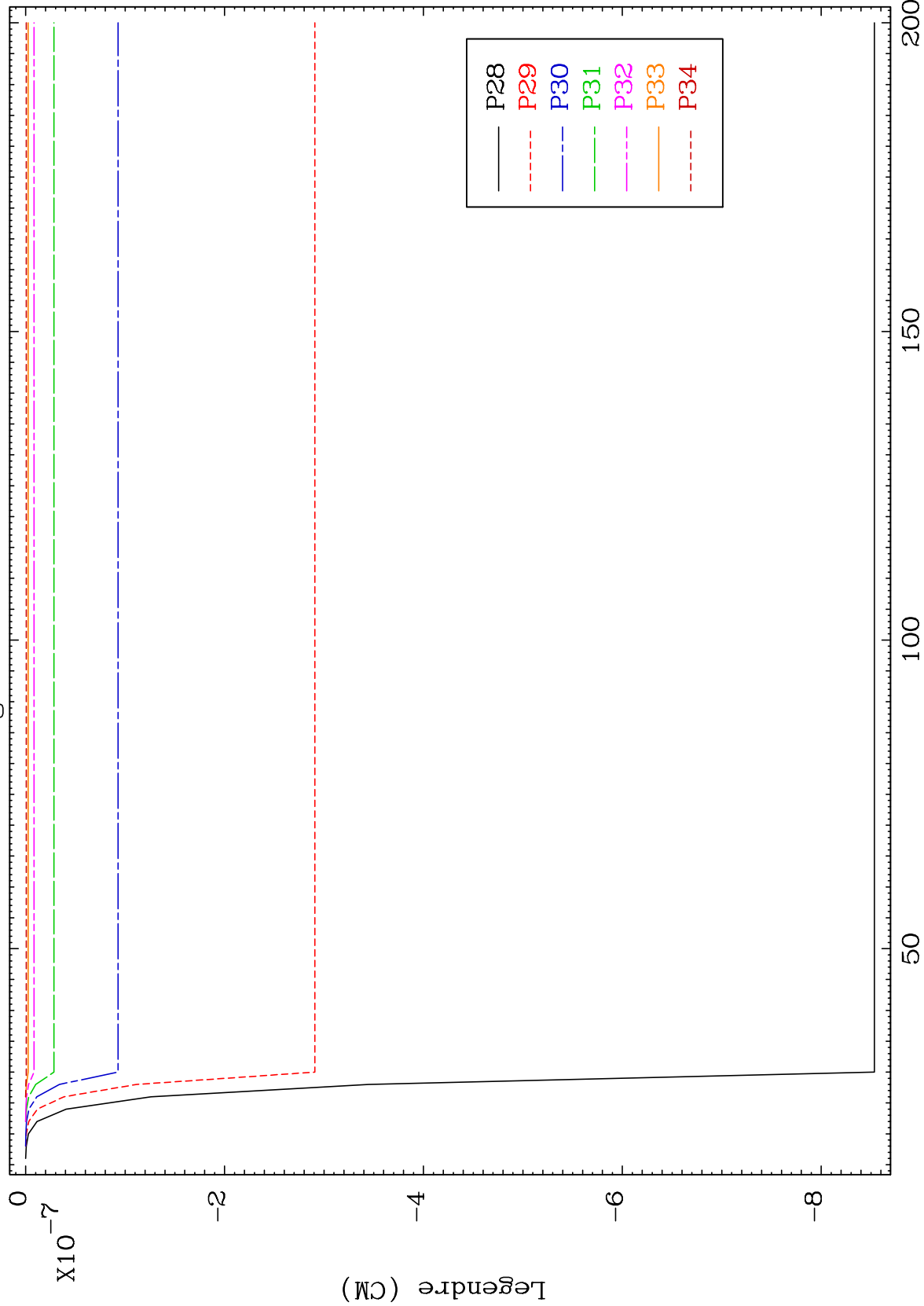
Incident Energy (MeV)

45

MAT 4316

MT= 58 (n,n') Level
Legendre Coefficients

43-Tc-96



46

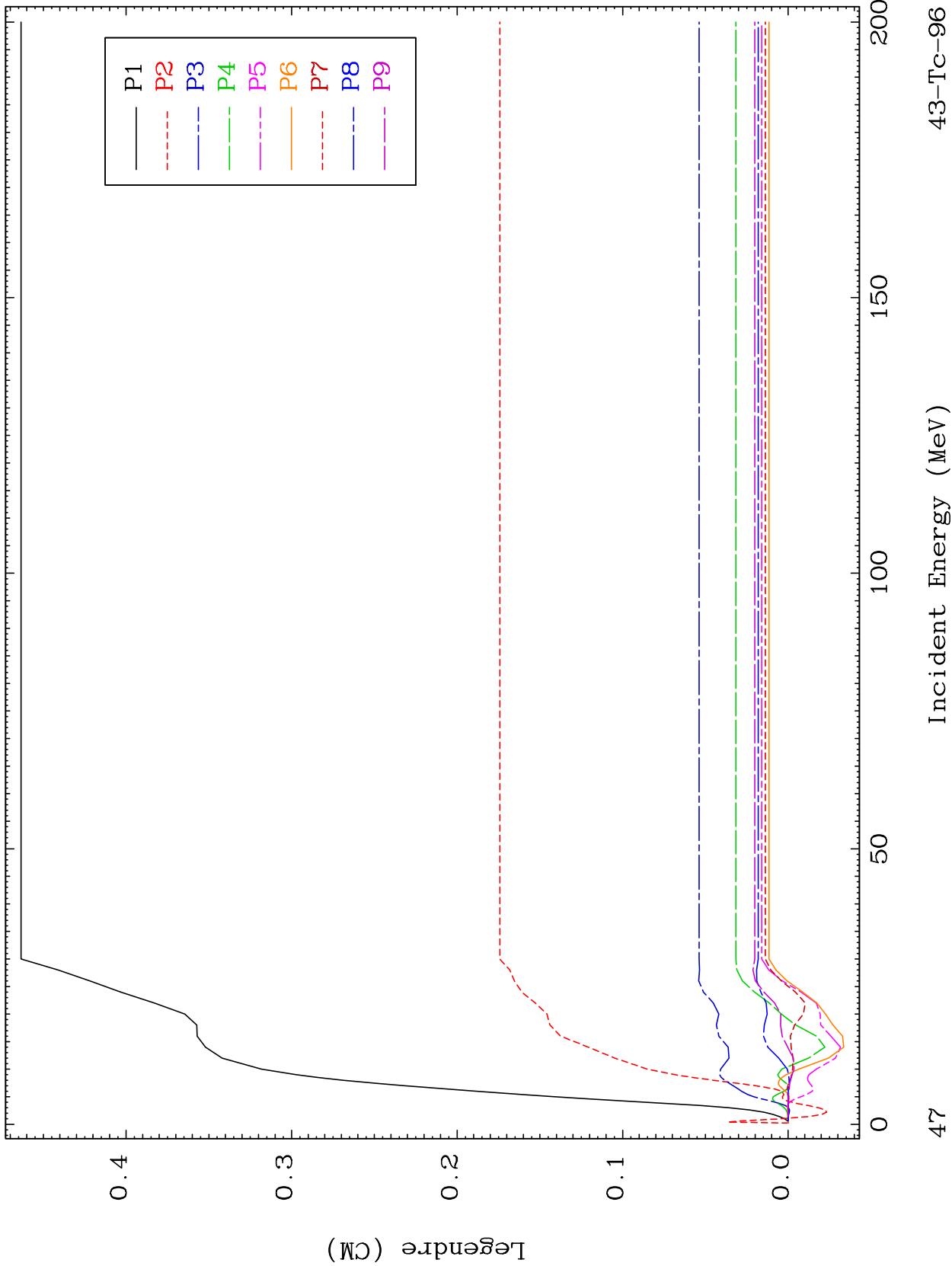
Incident Energy (MeV)

43-Tc-96

MAT 4316

MT= 59 (n,n') Level
Legendre Coefficients

43-Tc-96



43-Tc-96

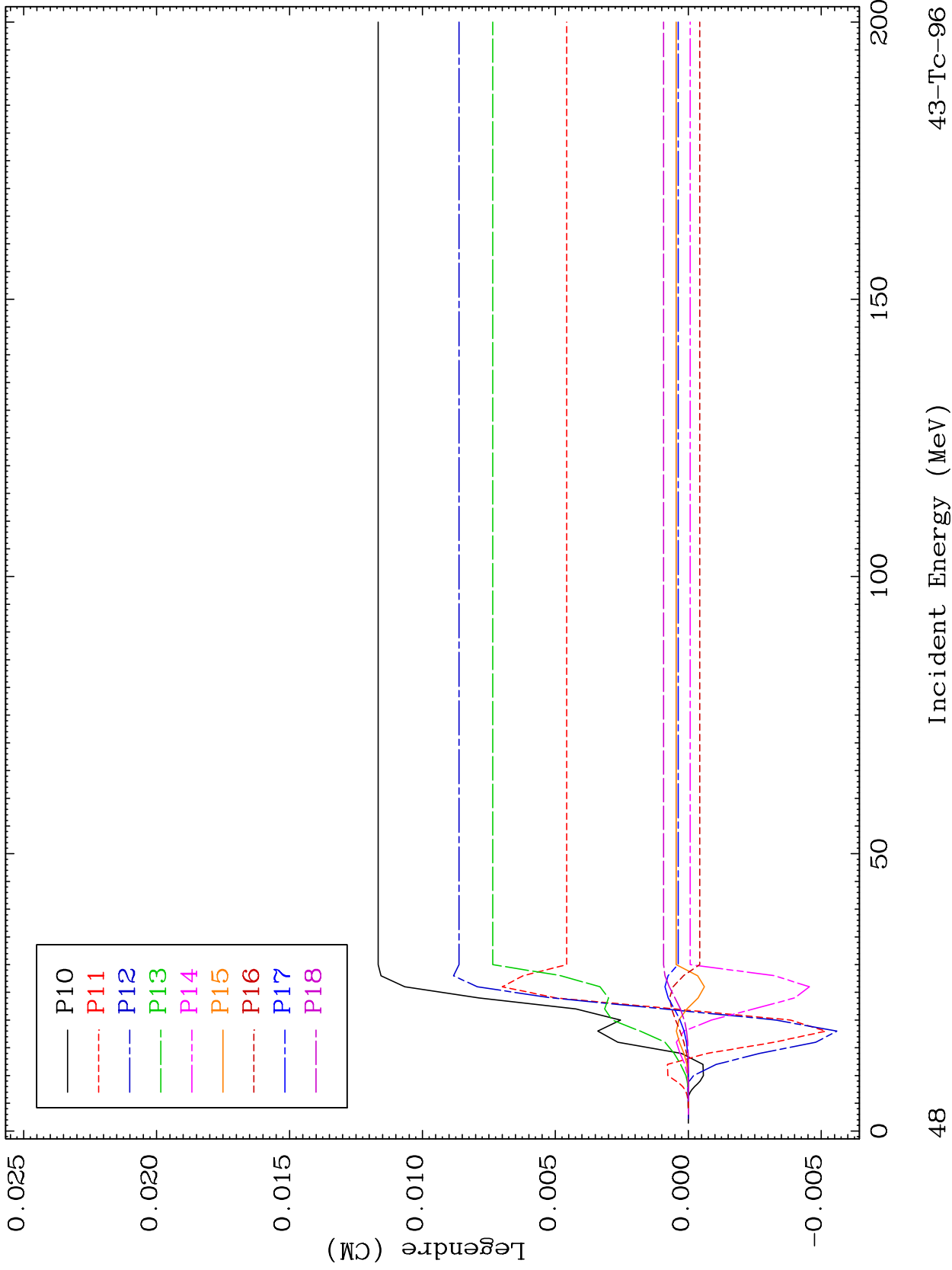
Incident Energy (MeV)

47

MAT 4316

MT= 59 (n,n') Level
Legendre Coefficients

43-Tc-96



48

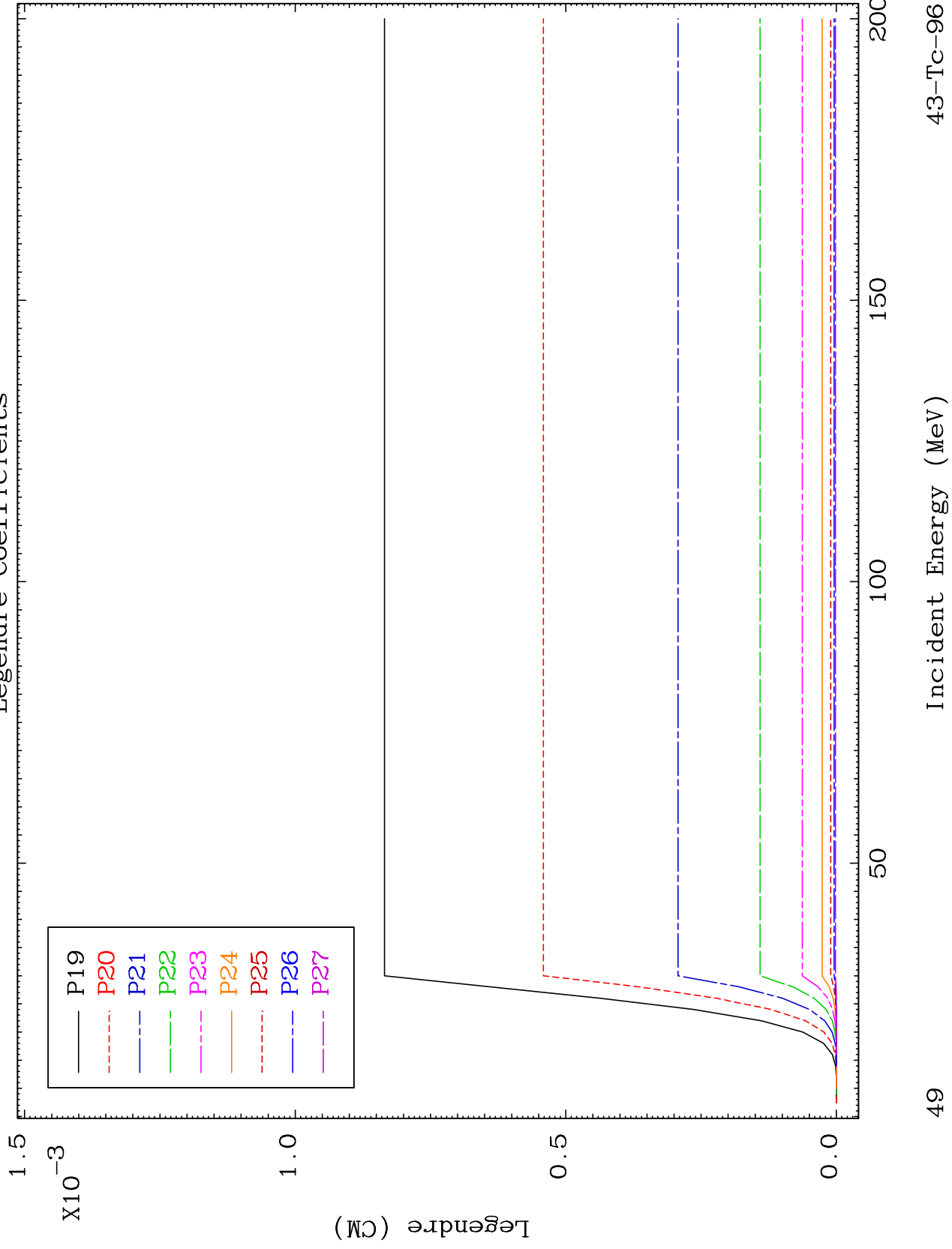
Incident Energy (MeV)

43-Tc-96

MAT 4316

MT= 59 (n,n') Level
Legendre Coefficients

43-Tc-96



49

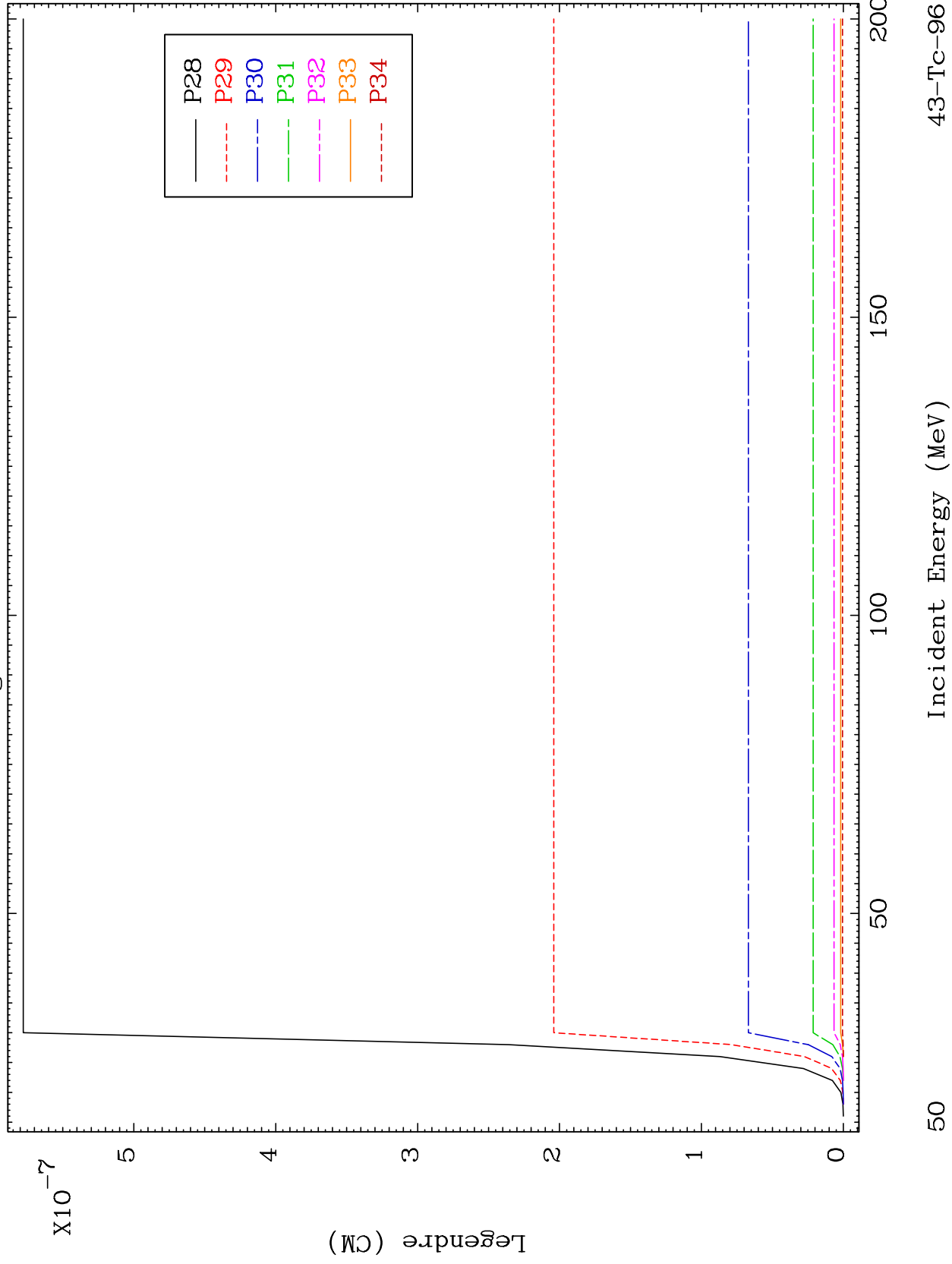
Incident Energy (MeV)

43-Tc-96

MAT 4316

MT= 59 (n,n') Level
Legendre Coefficients

43-Tc-96

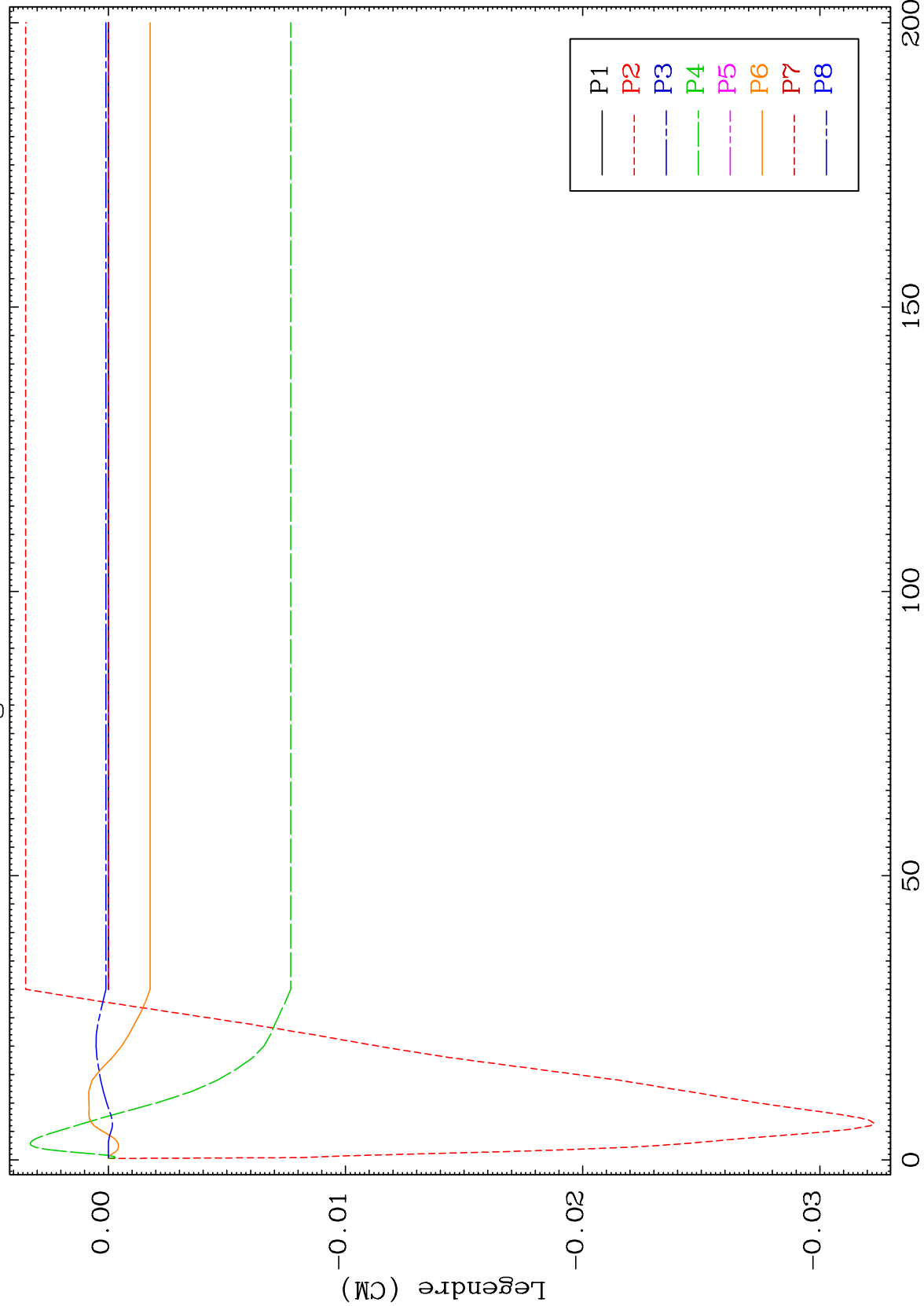


MAT 4316

MT= 60 (n,n') Level

43-Tc-96

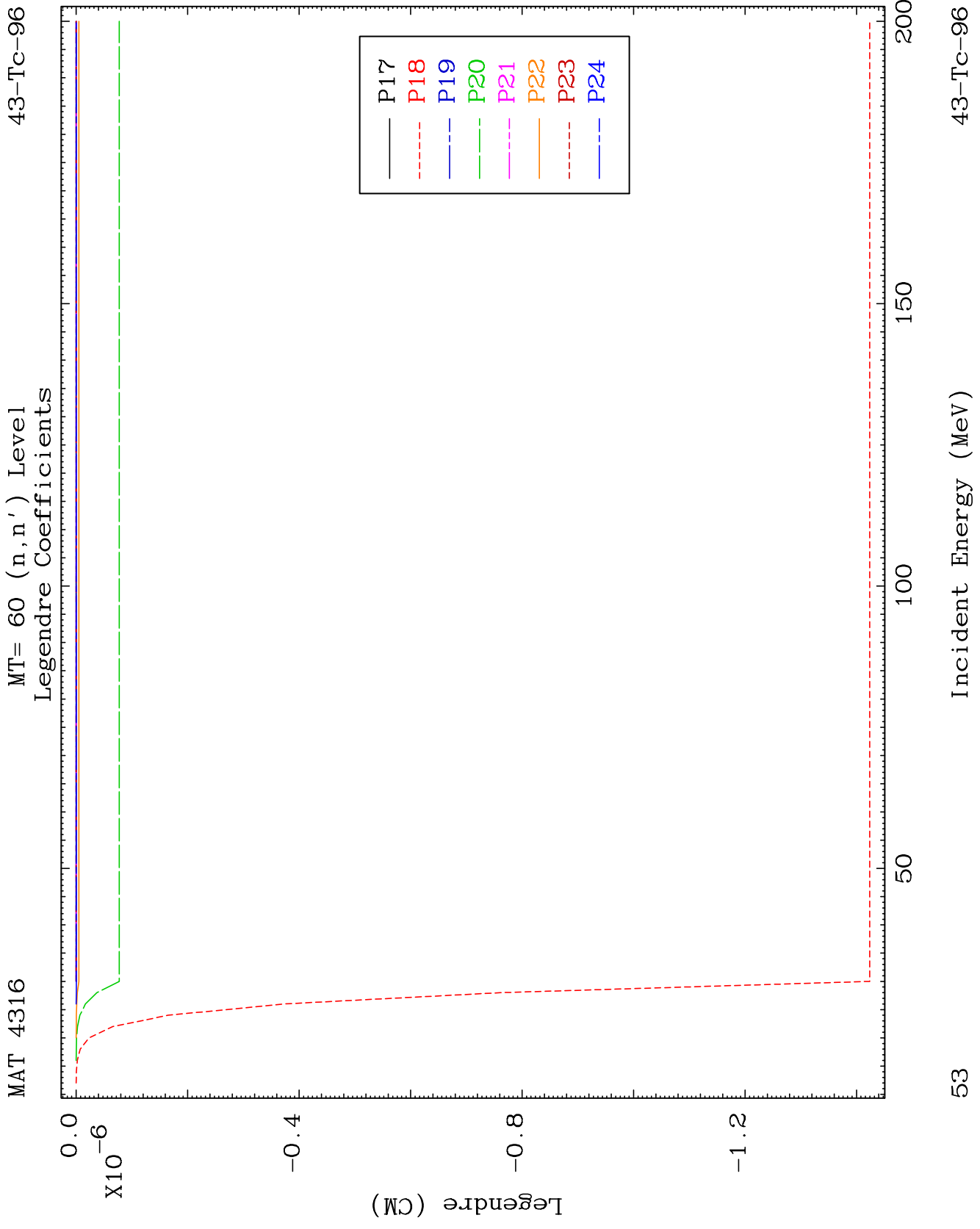
Legendre Coefficients



51

Incident Energy (MeV)

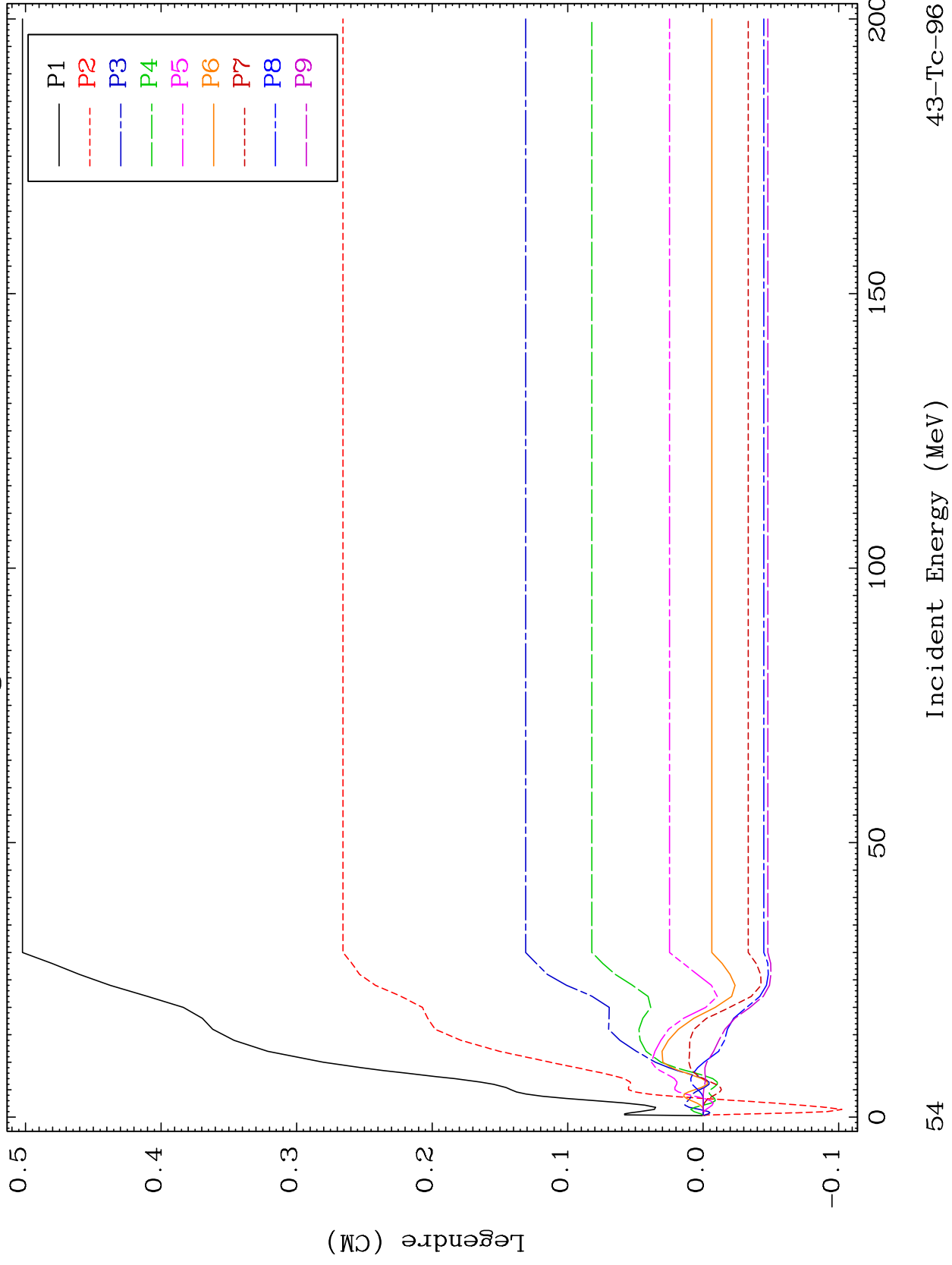
43-Tc-96



MAT 4316

MT= 61 (n,n') Level
Legendre Coefficients

43-Tc-96



43-Tc-96

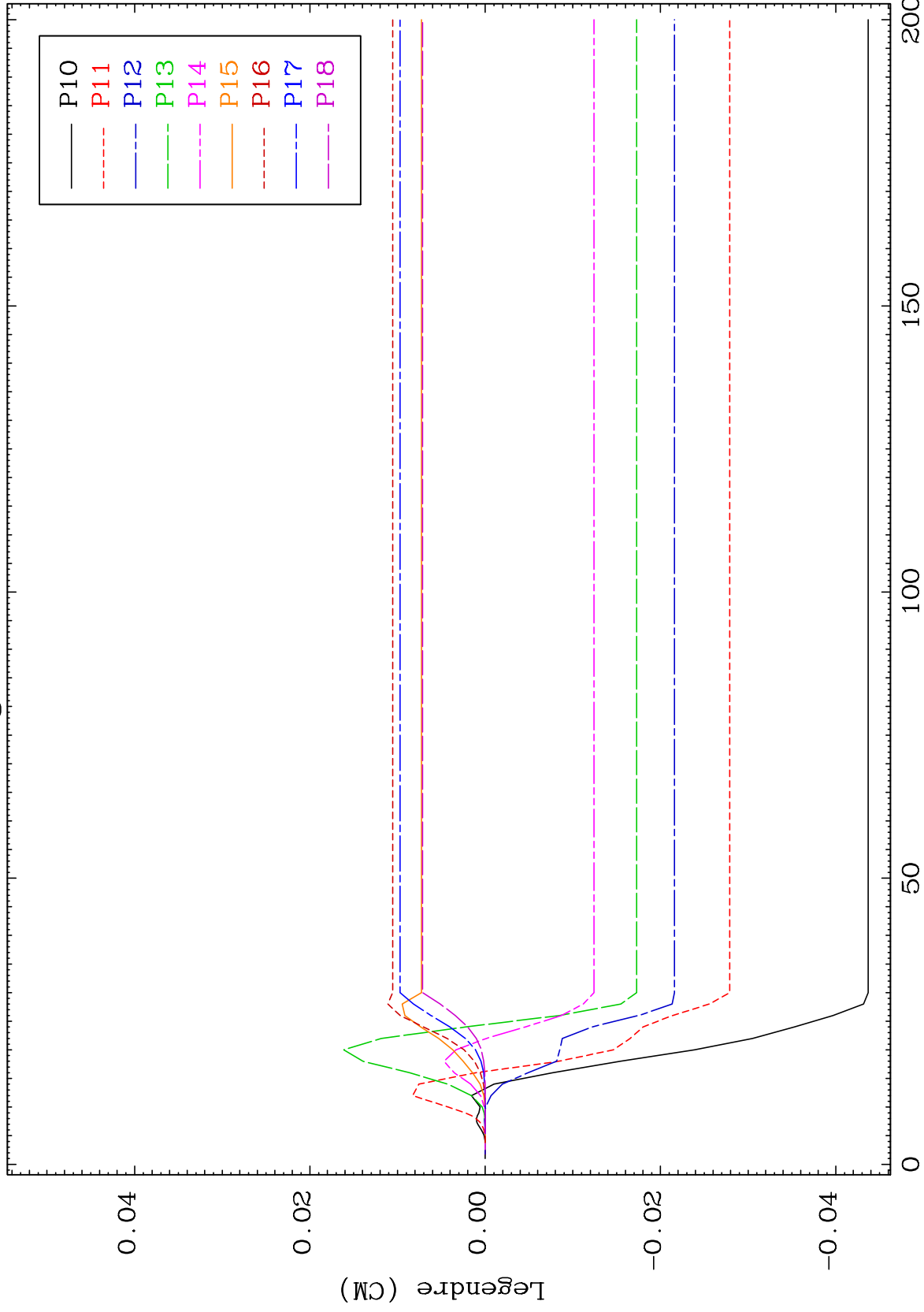
Incident Energy (MeV)

54

MAT 4316

MT= 61 (n,n') Level
Legendre Coefficients

43-Tc-96



55

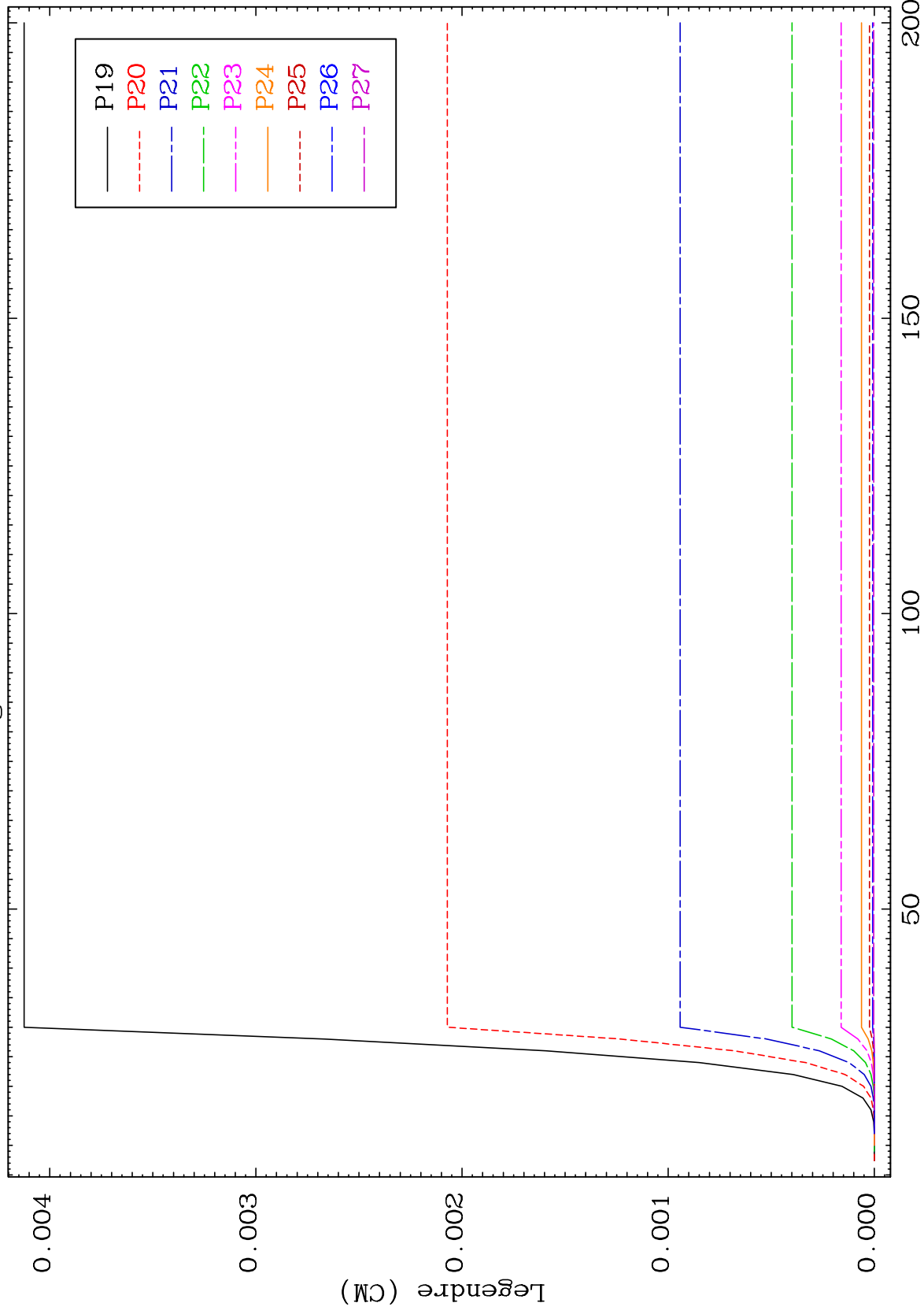
Incident Energy (MeV)

43-Tc-96

MAT 4316

MT= 61 (n,n') Level
Legendre Coefficients

43-Tc-96



56

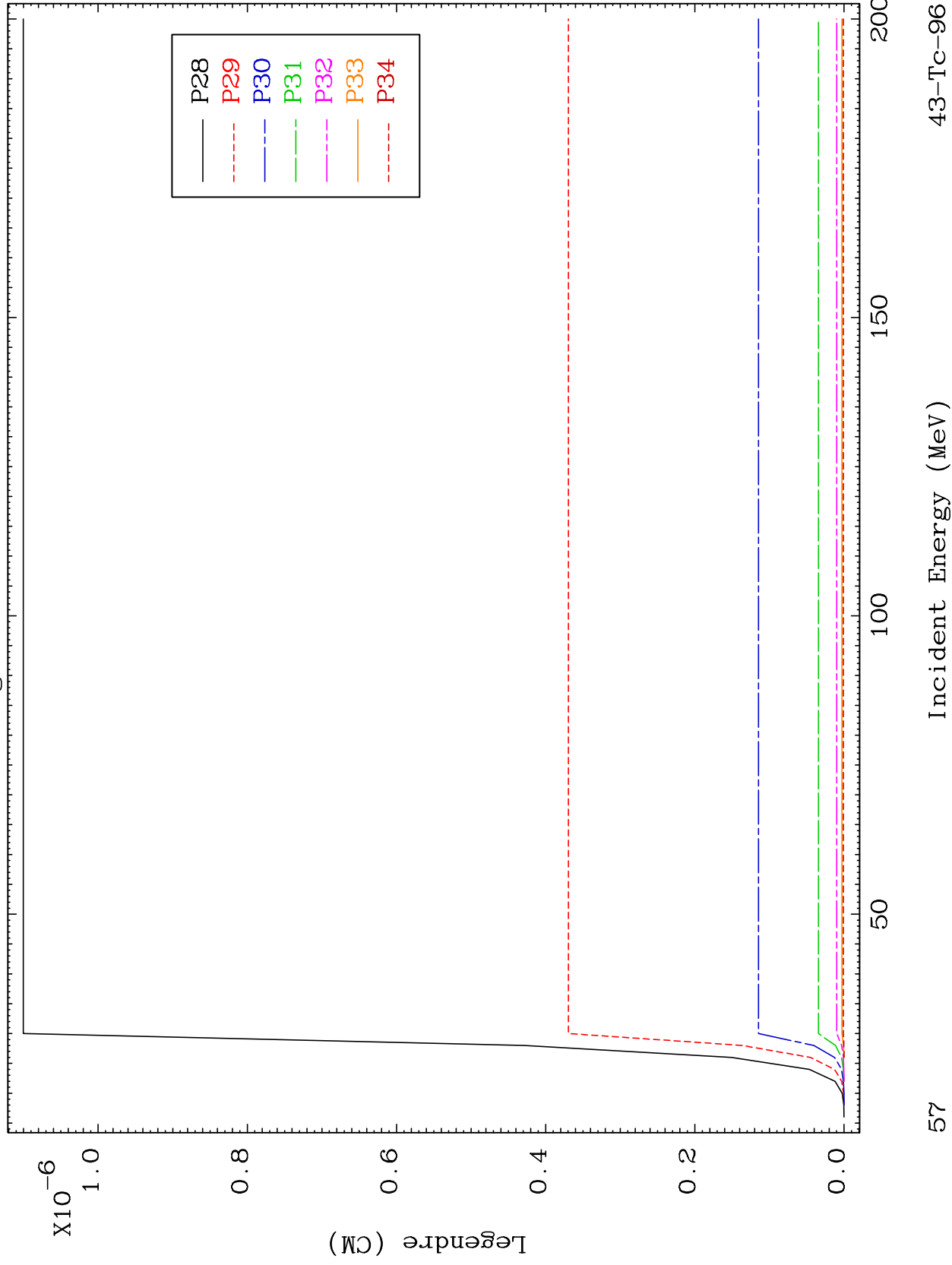
Incident Energy (MeV)

43-Tc-96

MAT 4316

MT= 61 (n,n') Level
Legendre Coefficients

43-Tc-96



57

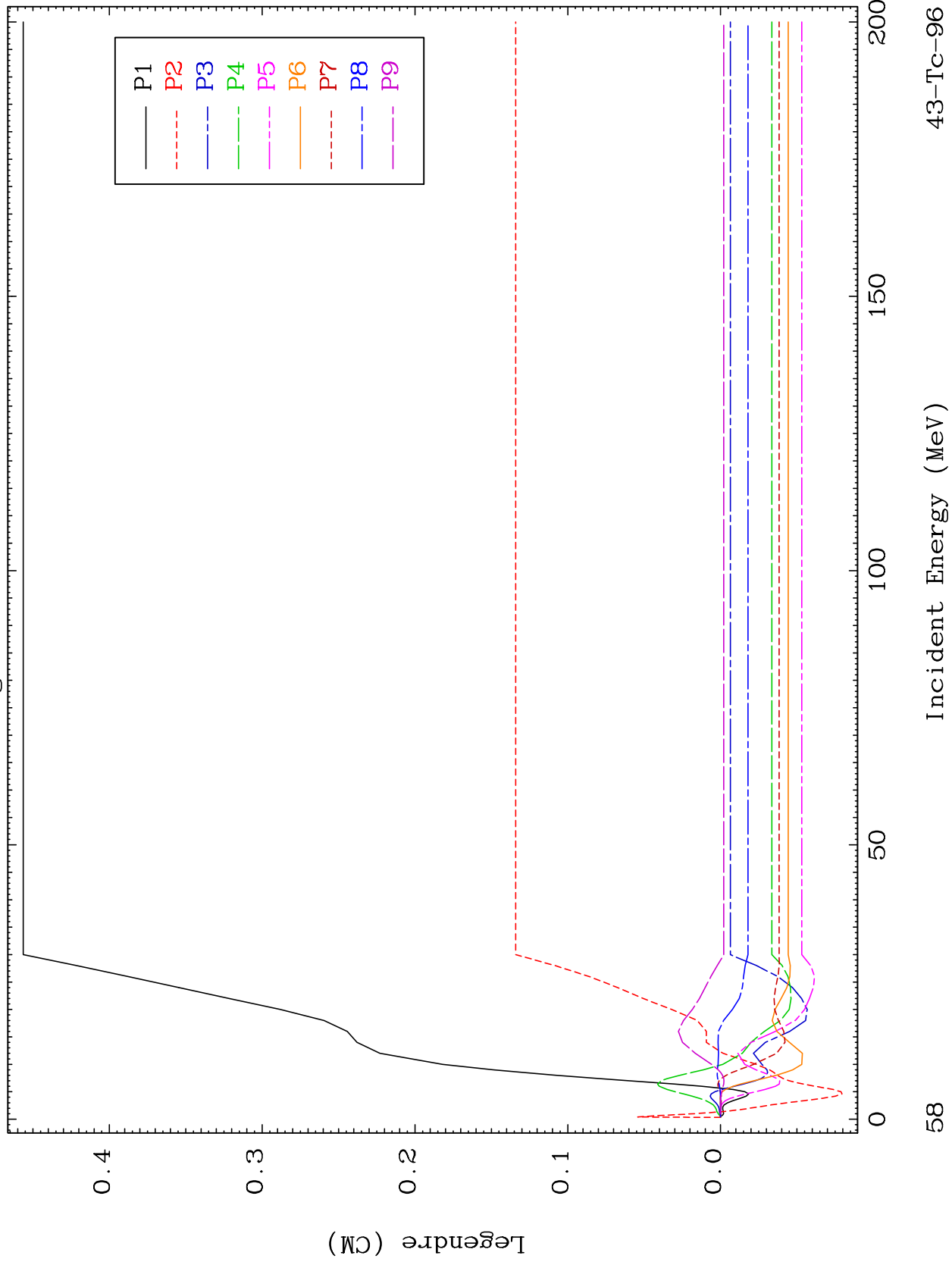
Incident Energy (MeV)

43-Tc-96

MAT 4316

MT= 62 (n,n') Level
Legendre Coefficients

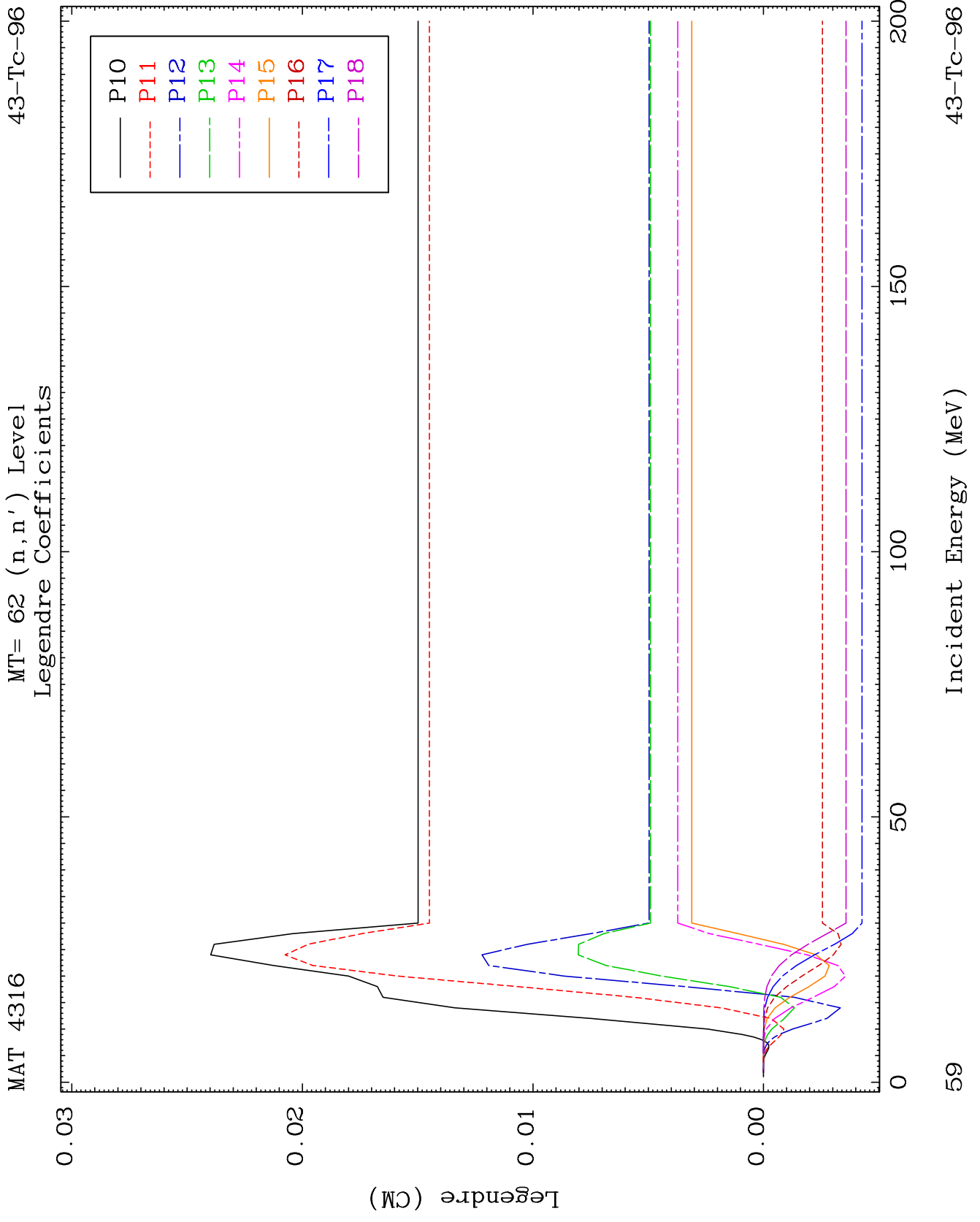
43-Tc-96

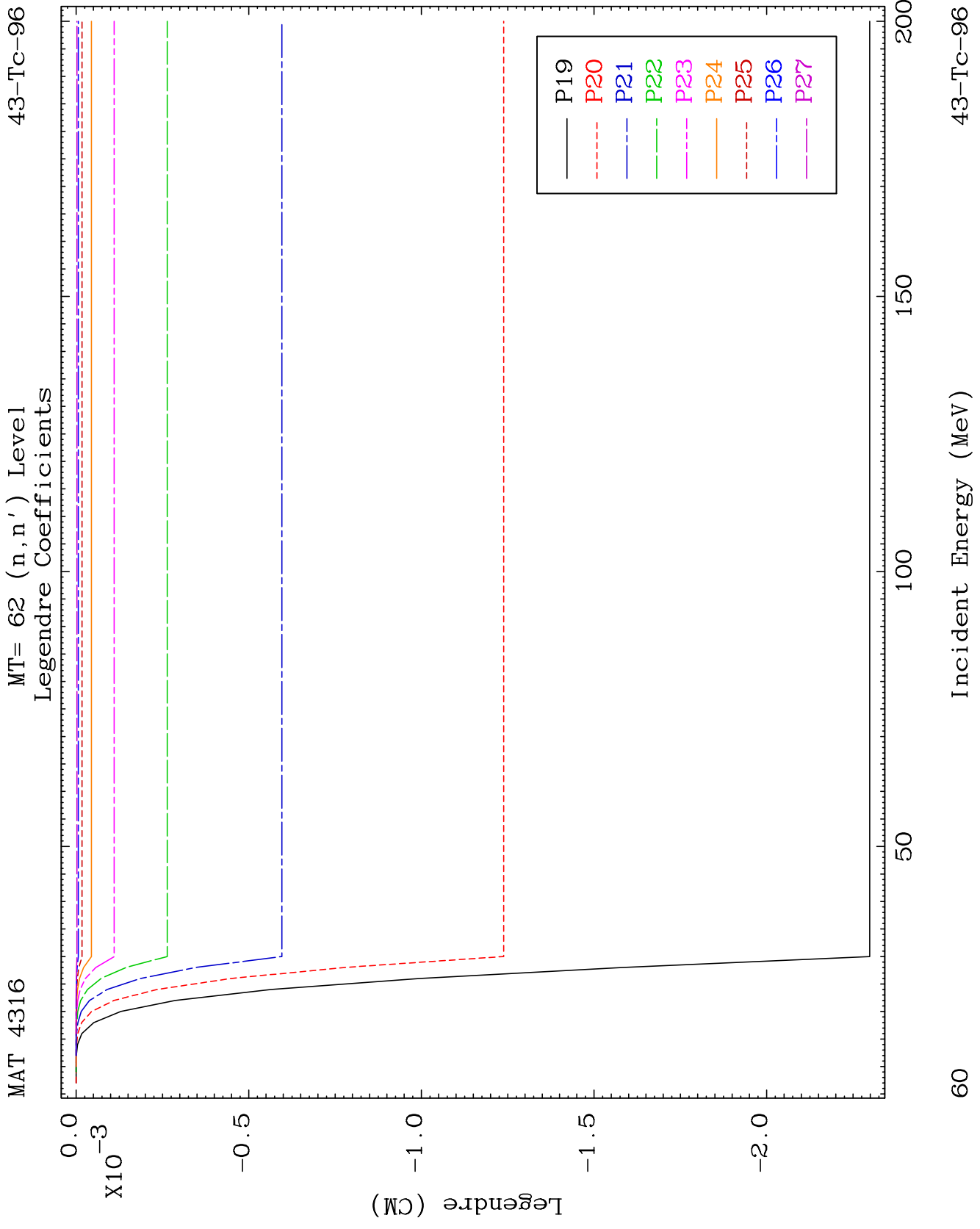


43-Tc-96

Incident Energy (MeV)

58



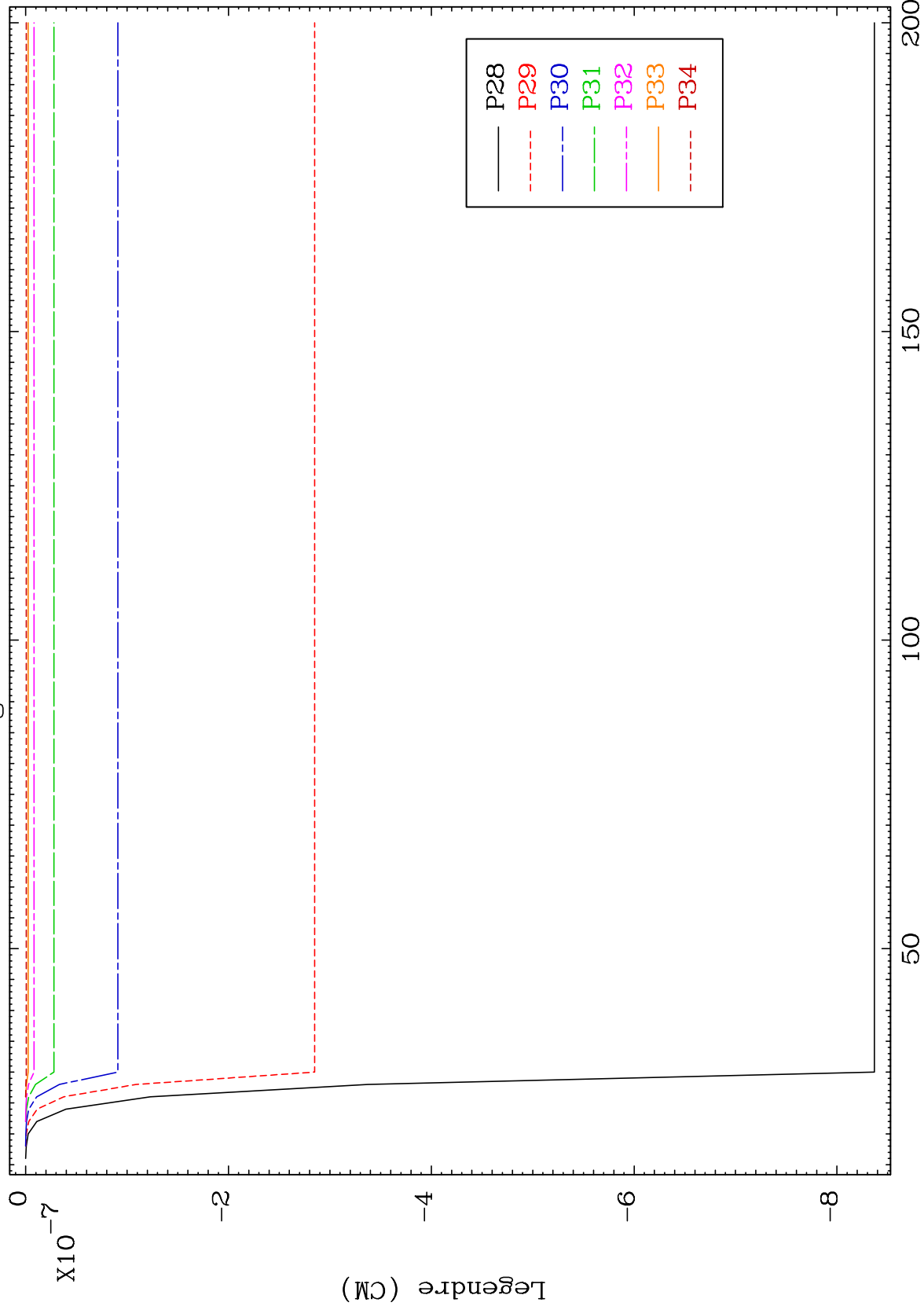


MAT 4316

MT= 62 (n,n') Level

43-Tc-96

Legendre Coefficients



61

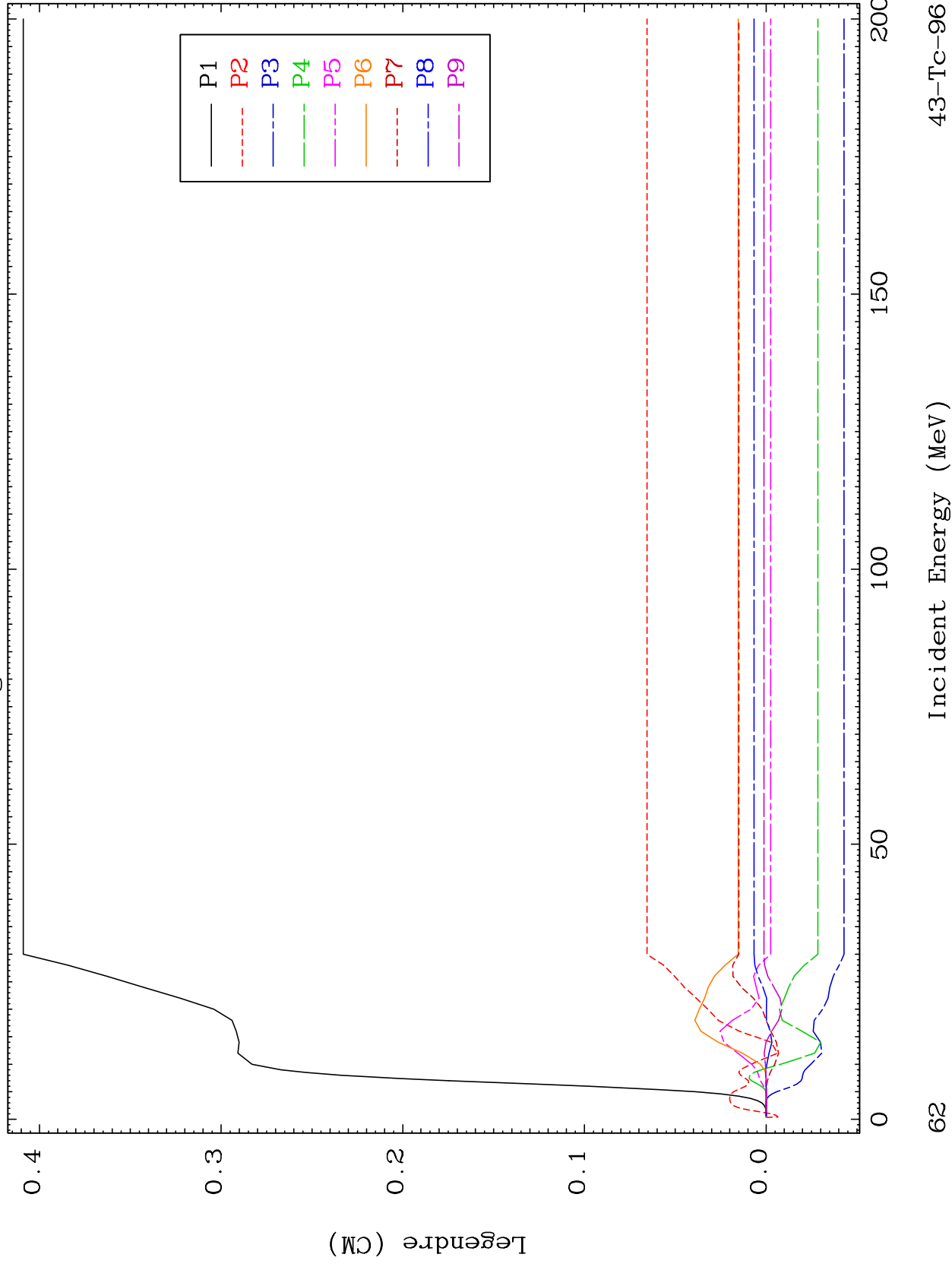
Incident Energy (MeV)

43-Tc-96

MAT 4316

MT= 63 (n,n') Level
Legendre Coefficients

43-Tc-96



43-Tc-96

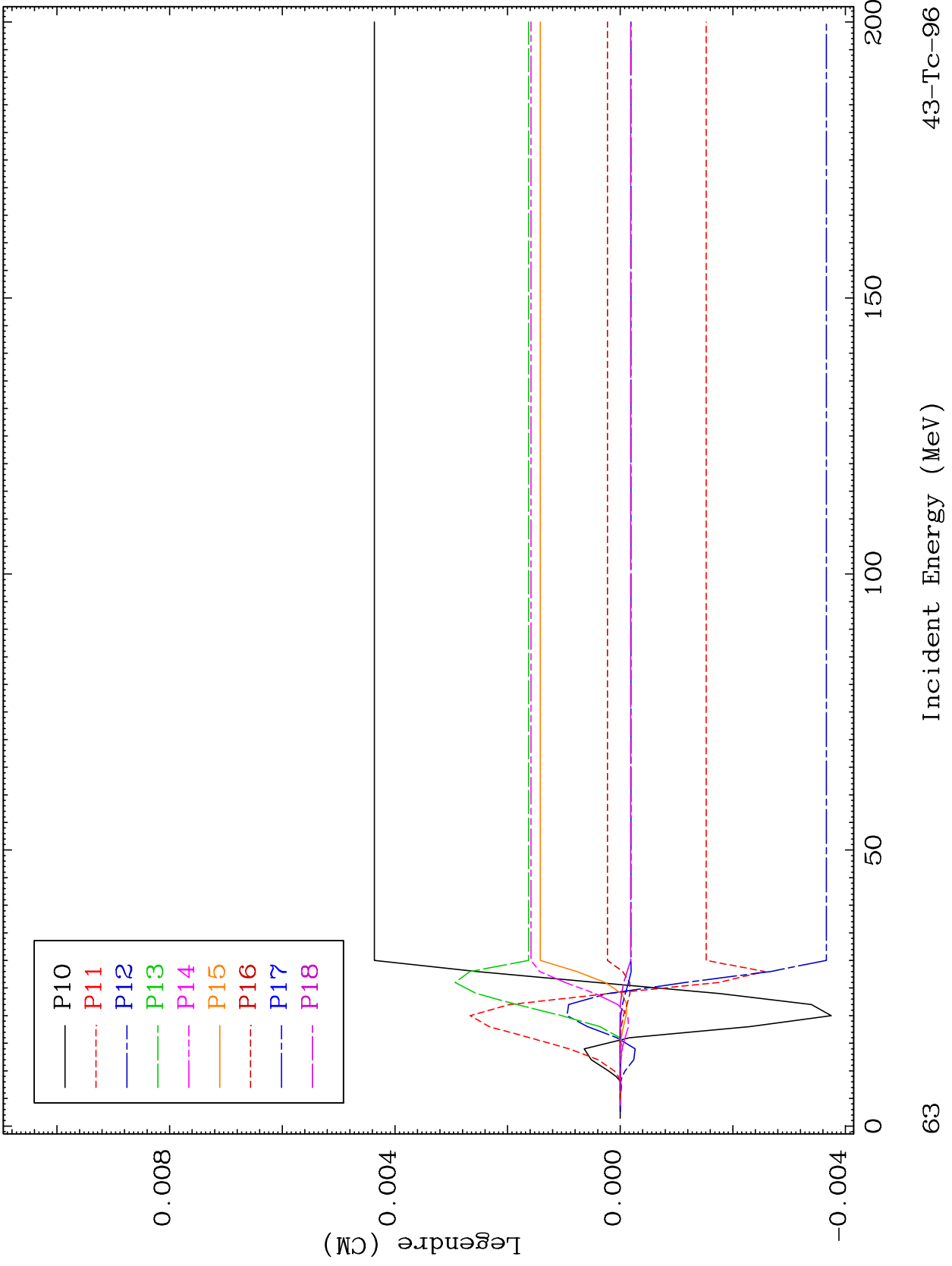
Incident Energy (MeV)

62

MAT 4316

MT= 63 (n,n') Level
Legendre Coefficients

43-Tc-96



43-Tc-96

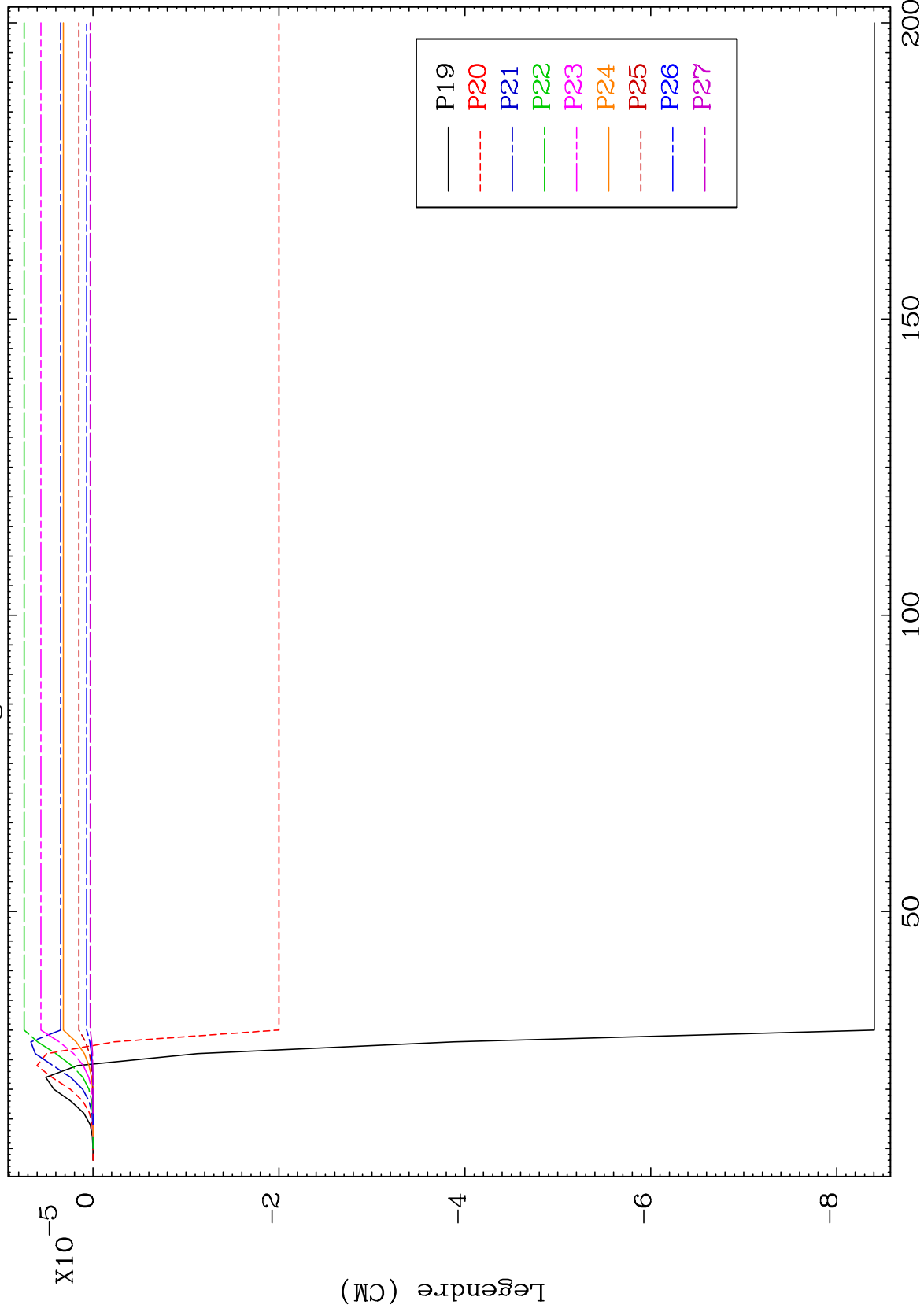
Incident Energy (MeV)

63

MAT 4316

MT= 63 (n,n') Level
Legendre Coefficients

43-Tc-96



64

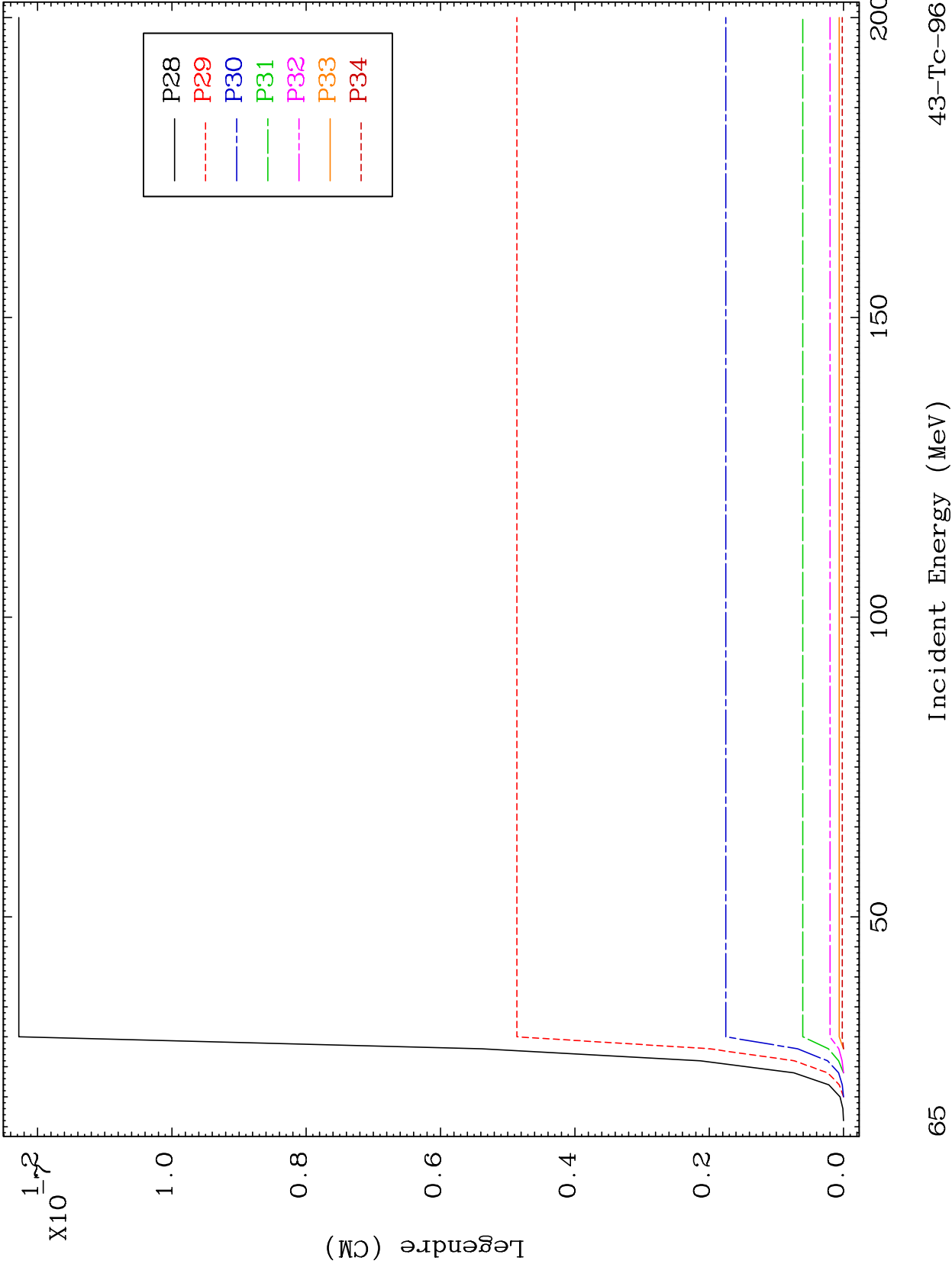
Incident Energy (MeV)

43-Tc-96

MAT 4316

MT= 63 (n,n') Level
Legendre Coefficients

43-Tc-96



65

Incident Energy (MeV)

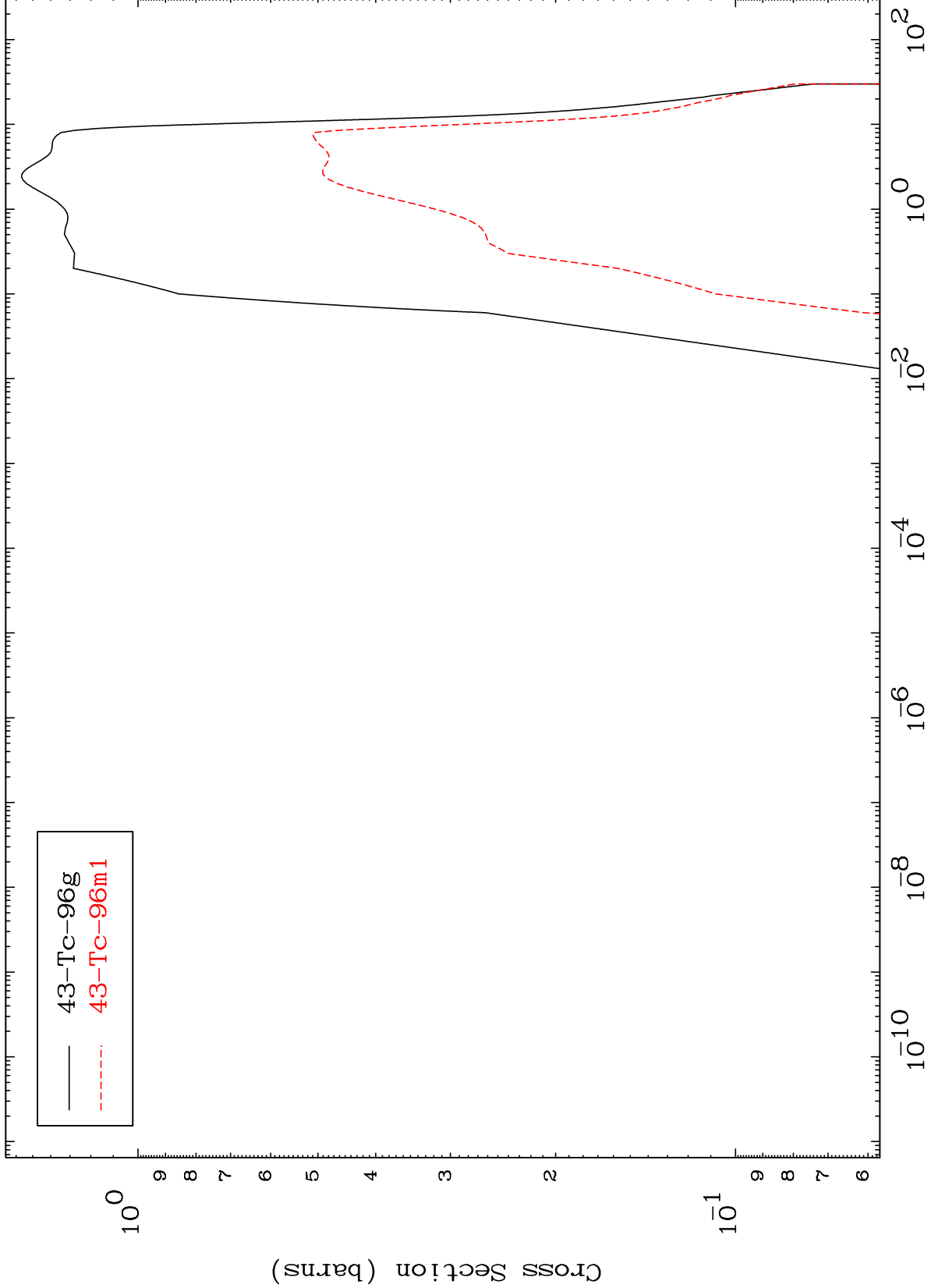
43-Tc-96

MAT 4316

Inelastic

⁴³Tc-96

Radionuclide Production Cross Section



— 43-Tc-96g
- - - 43-Tc-96m1

66

Incident Energy (MeV)

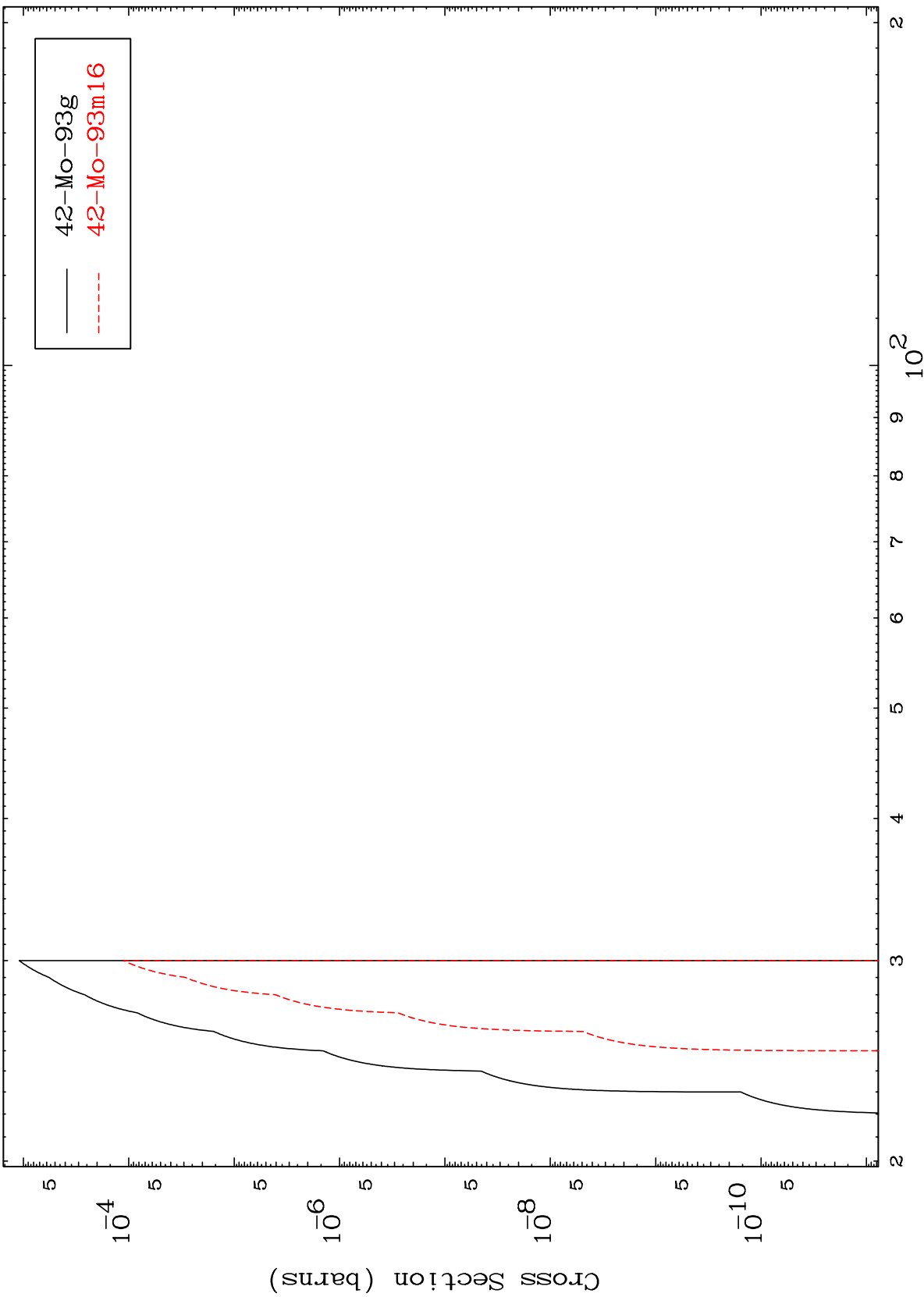
⁴³Tc-96

MAT 4316

(n,2n) d

43-Tc-96

Radionuclide Production Cross Section



42-Mo-93g
42-Mo-93m16

67

Incident Energy (MeV)

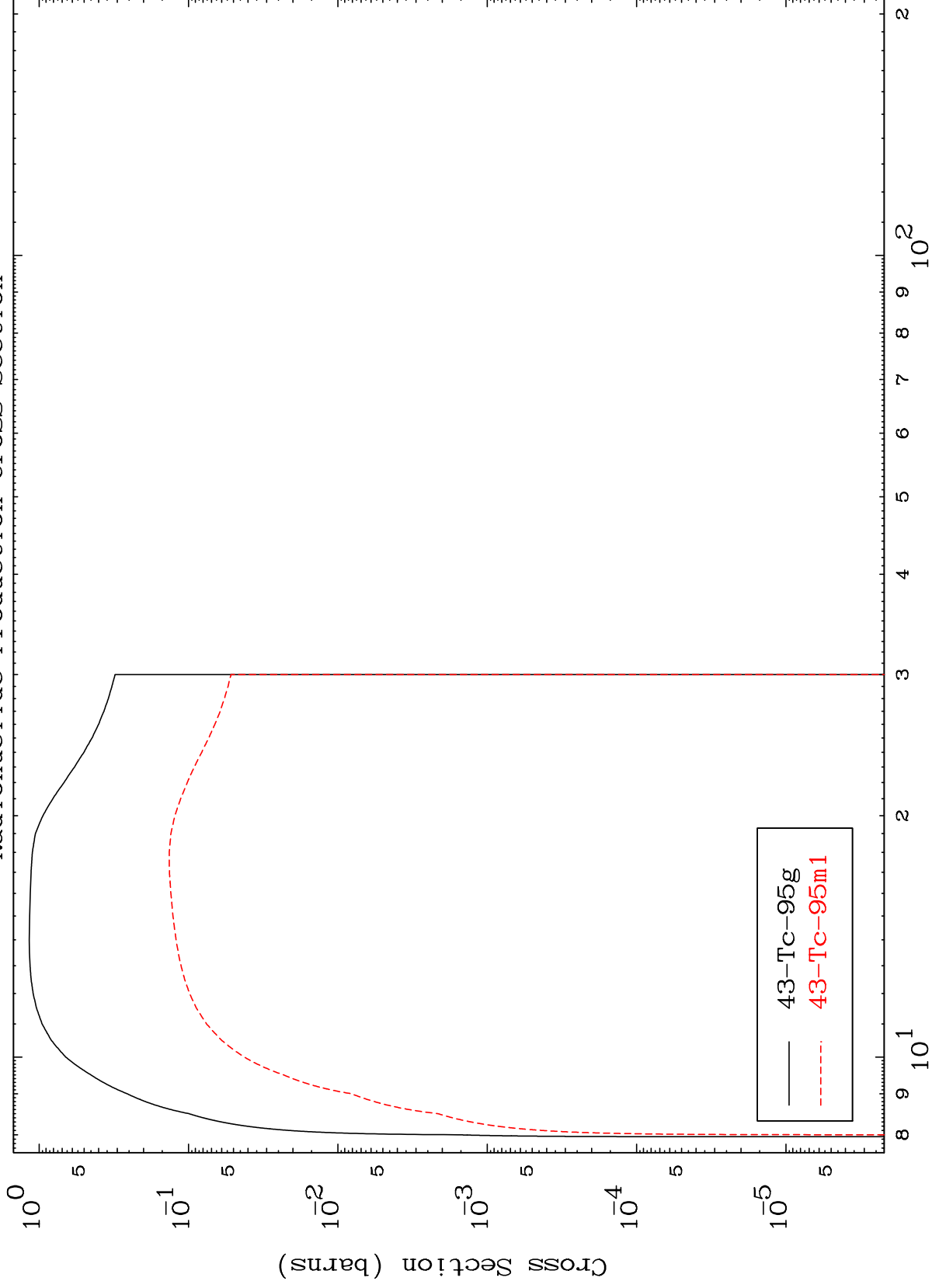
43-Tc-96

MAT 4316

(n,2n)

43-Tc-96

Radionuclide Production Cross Section



68

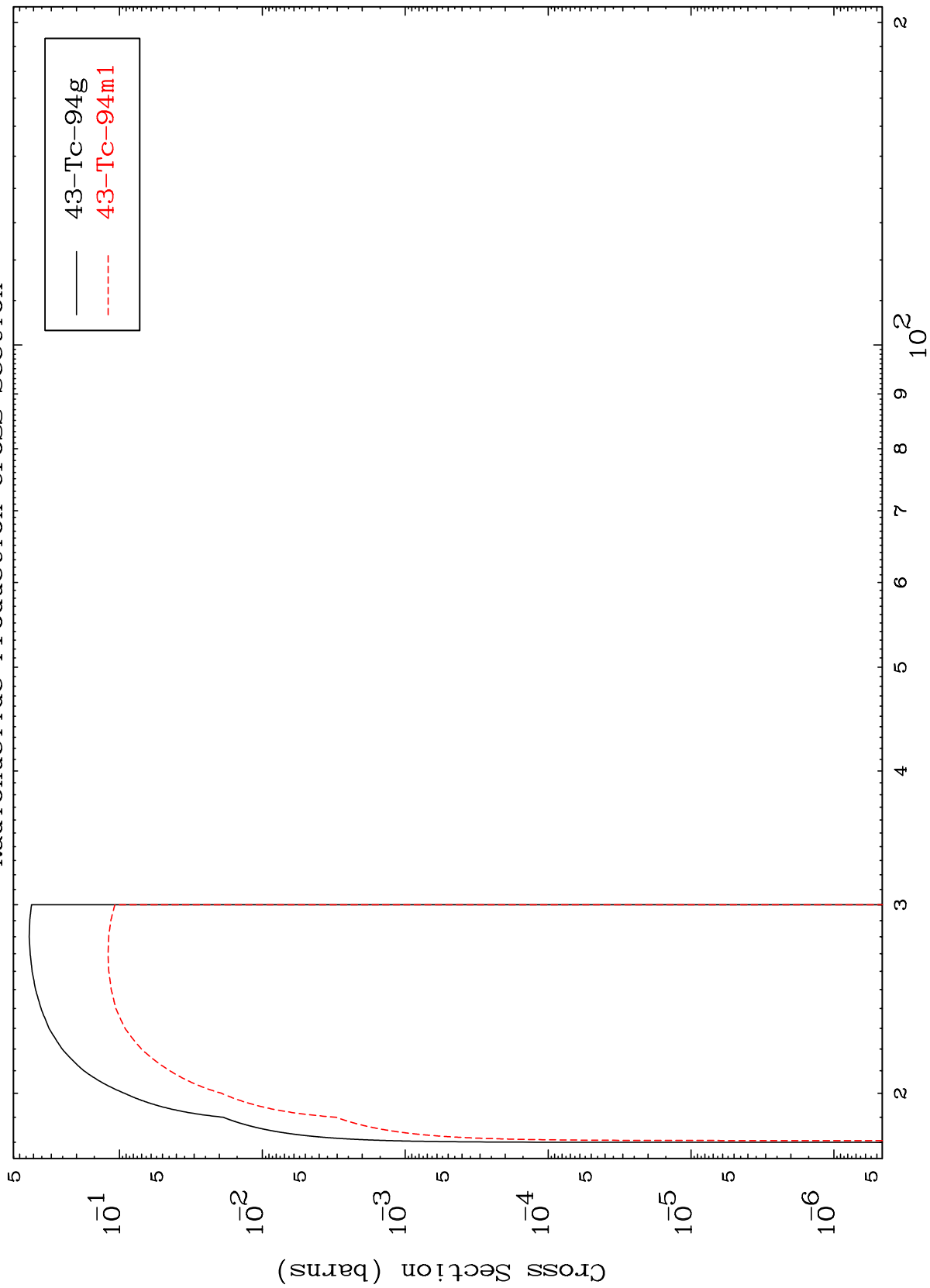
Incident Energy (MeV)

43-Tc-96

MAT 4316

43-Tc-96

(n,3n)
Radionuclide Production Cross Section



69

Incident Energy (MeV)

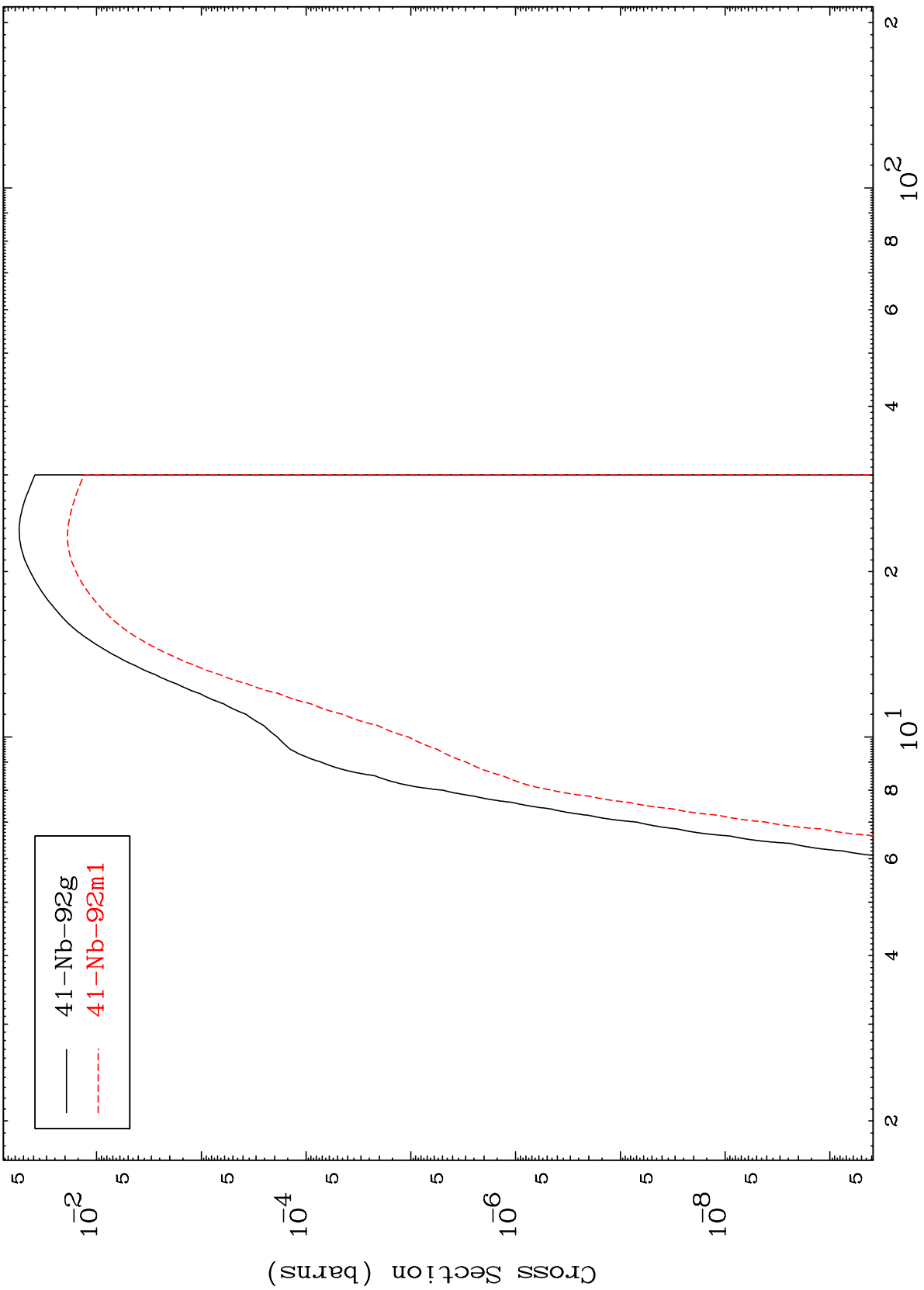
43-Tc-96

MAT 4316

(n,n') α

43-Tc-96

Radionuclide Production Cross Section



70

Incident Energy (MeV)

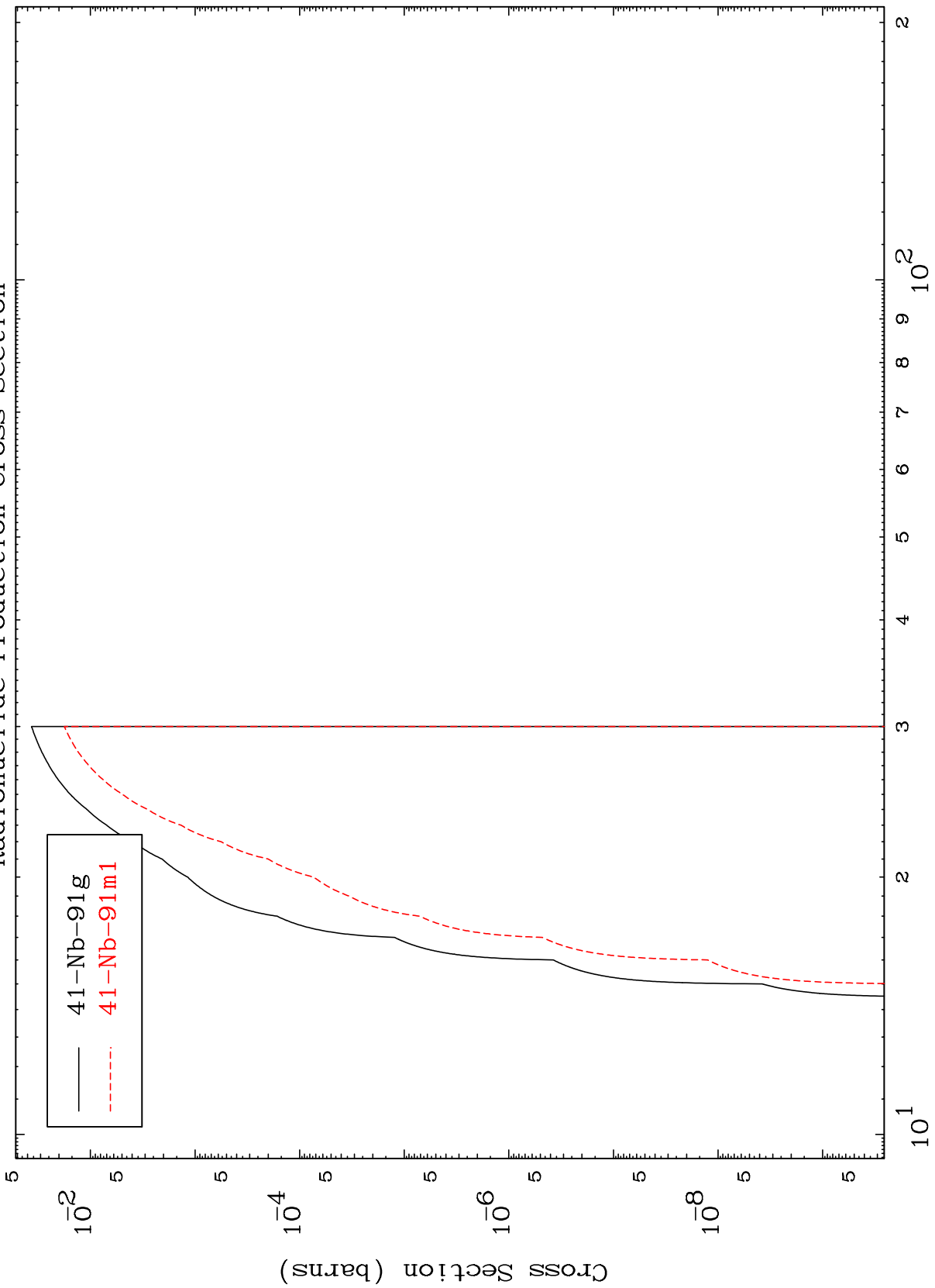
43-Tc-96

MAT 4316

(n,2n) α

43-Tc-96

Radionuclide Production Cross Section



— 41-Nb-91g
- - - 41-Nb-91m1

71

Incident Energy (MeV)

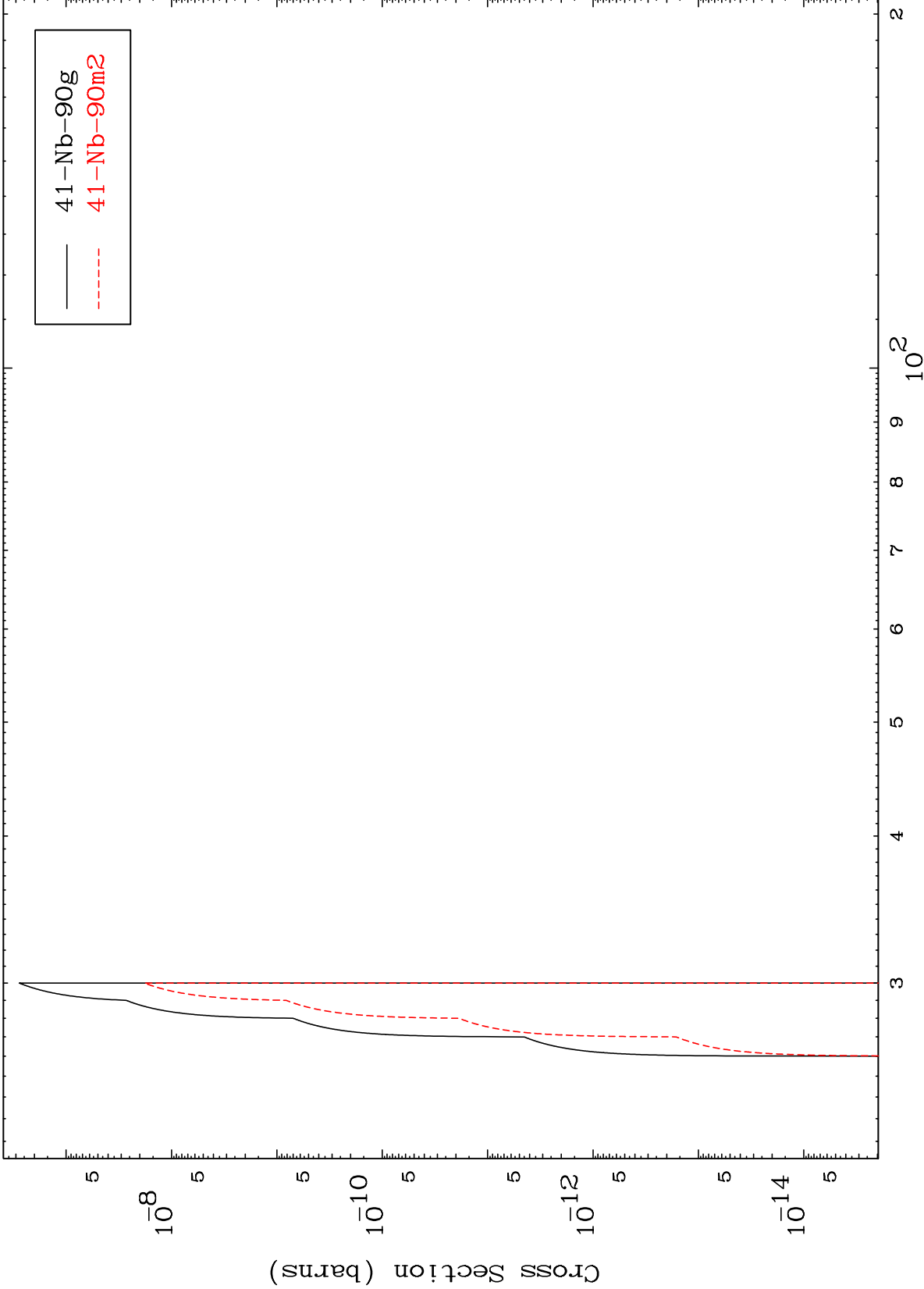
43-Tc-96

MAT 4316

(n,3n) α

43-Tc-96

Radionuclide Production Cross Section



72

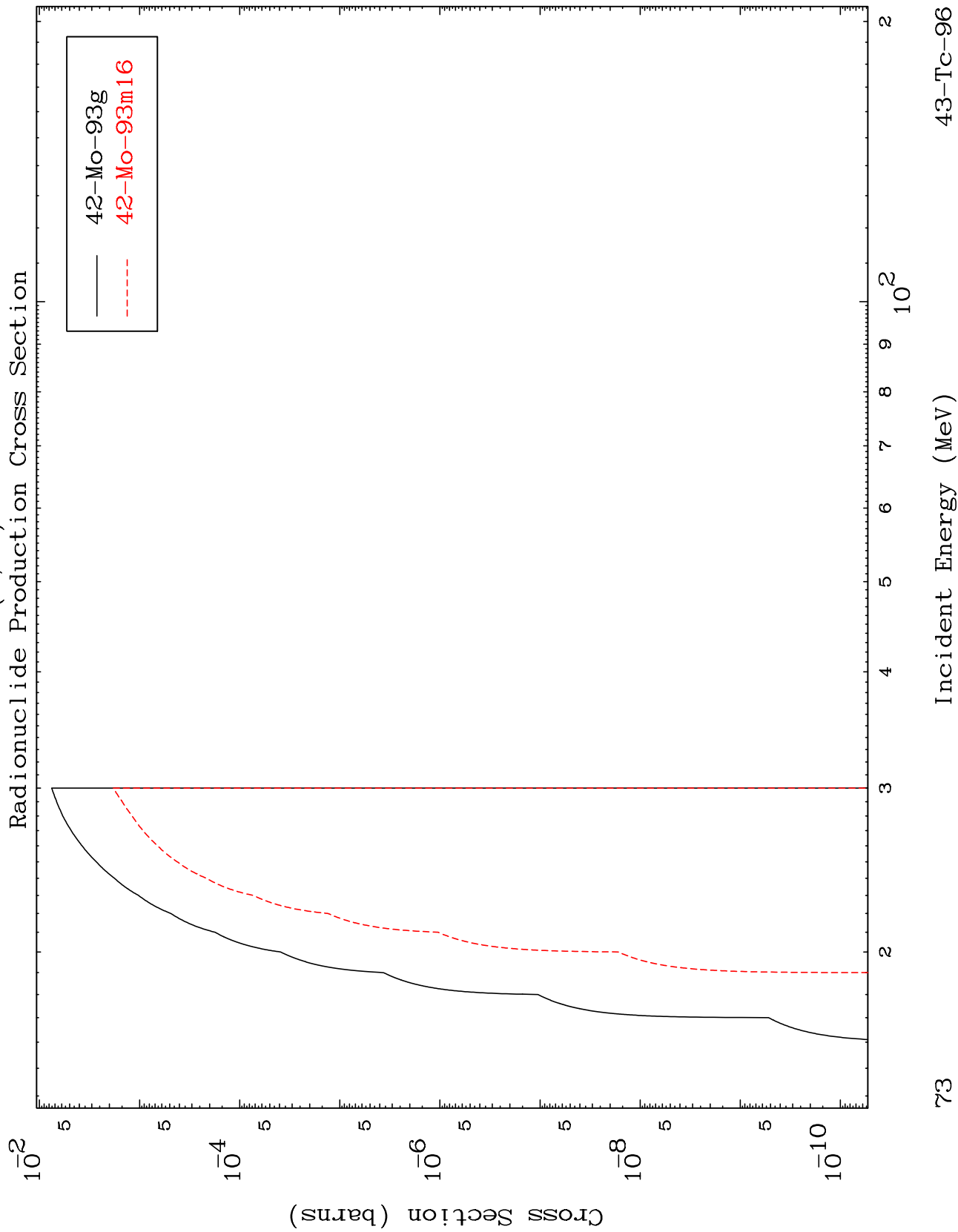
Incident Energy (MeV)

43-Tc-96

MAT 4316

(n,n') t

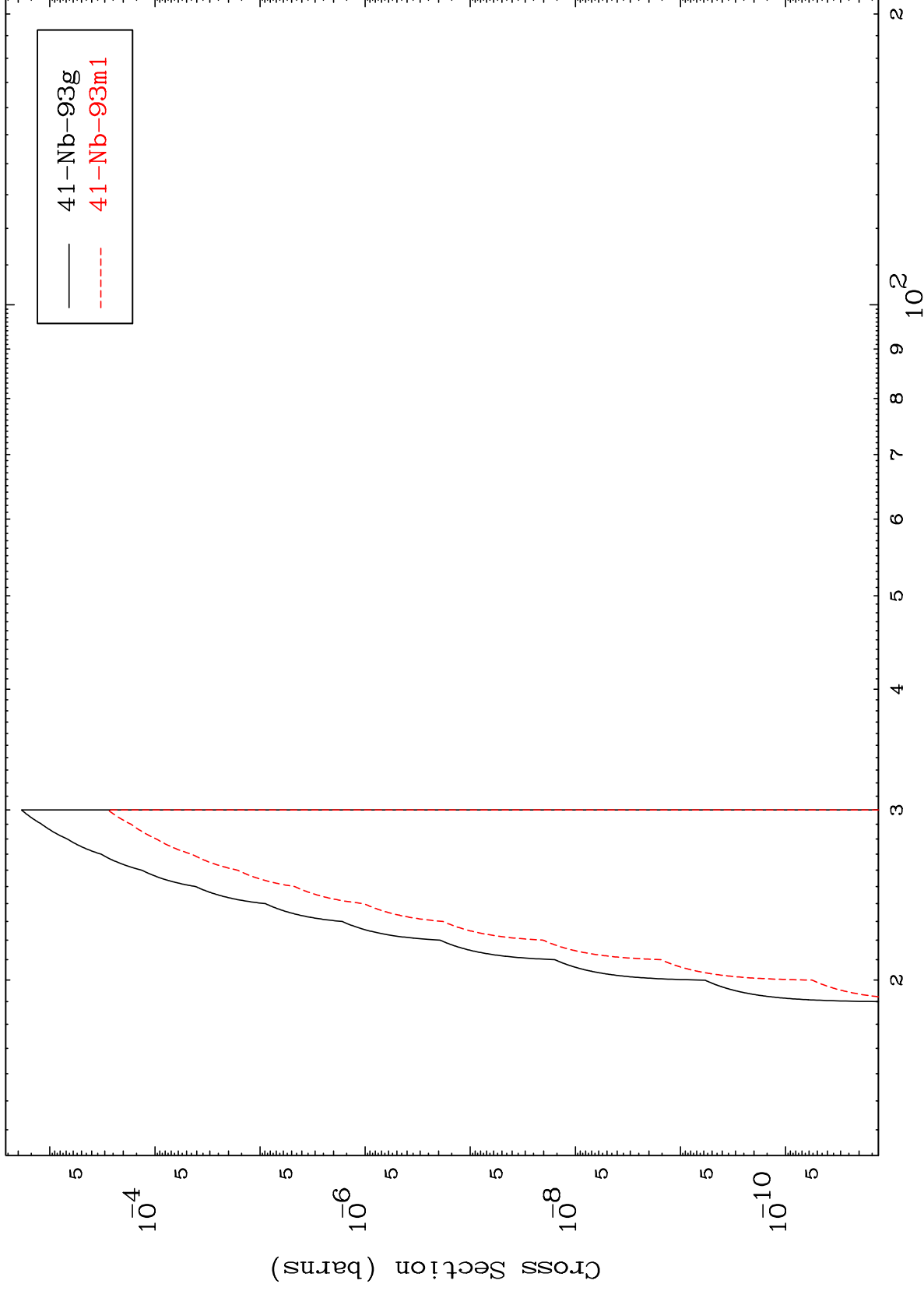
43-Tc-96



73

43-Tc-96

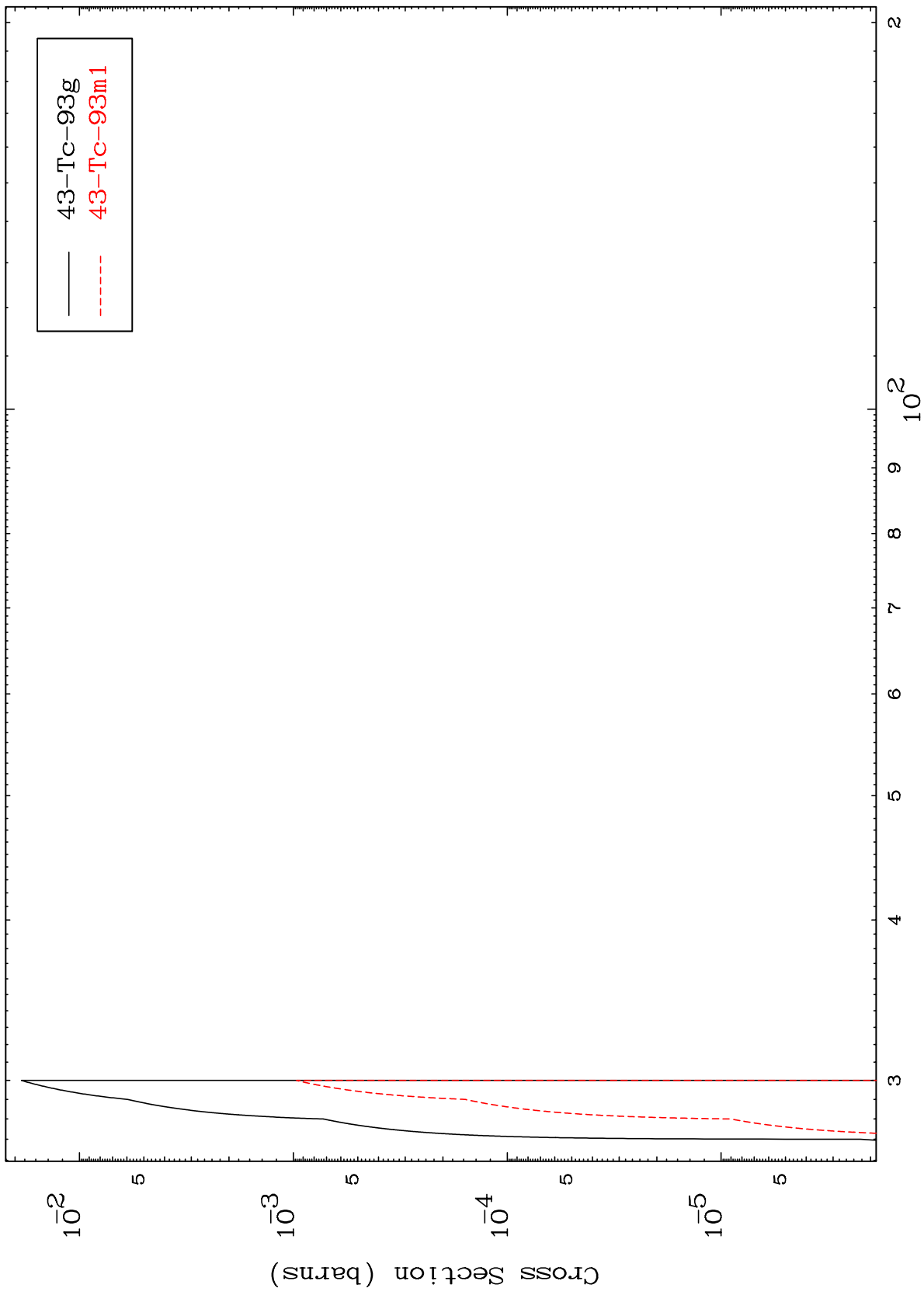
Radionuclide Production Cross Section



MAT 4316

43-Tc-96

(n,4n)
Radionuclide Production Cross Section



75

Incident Energy (MeV)

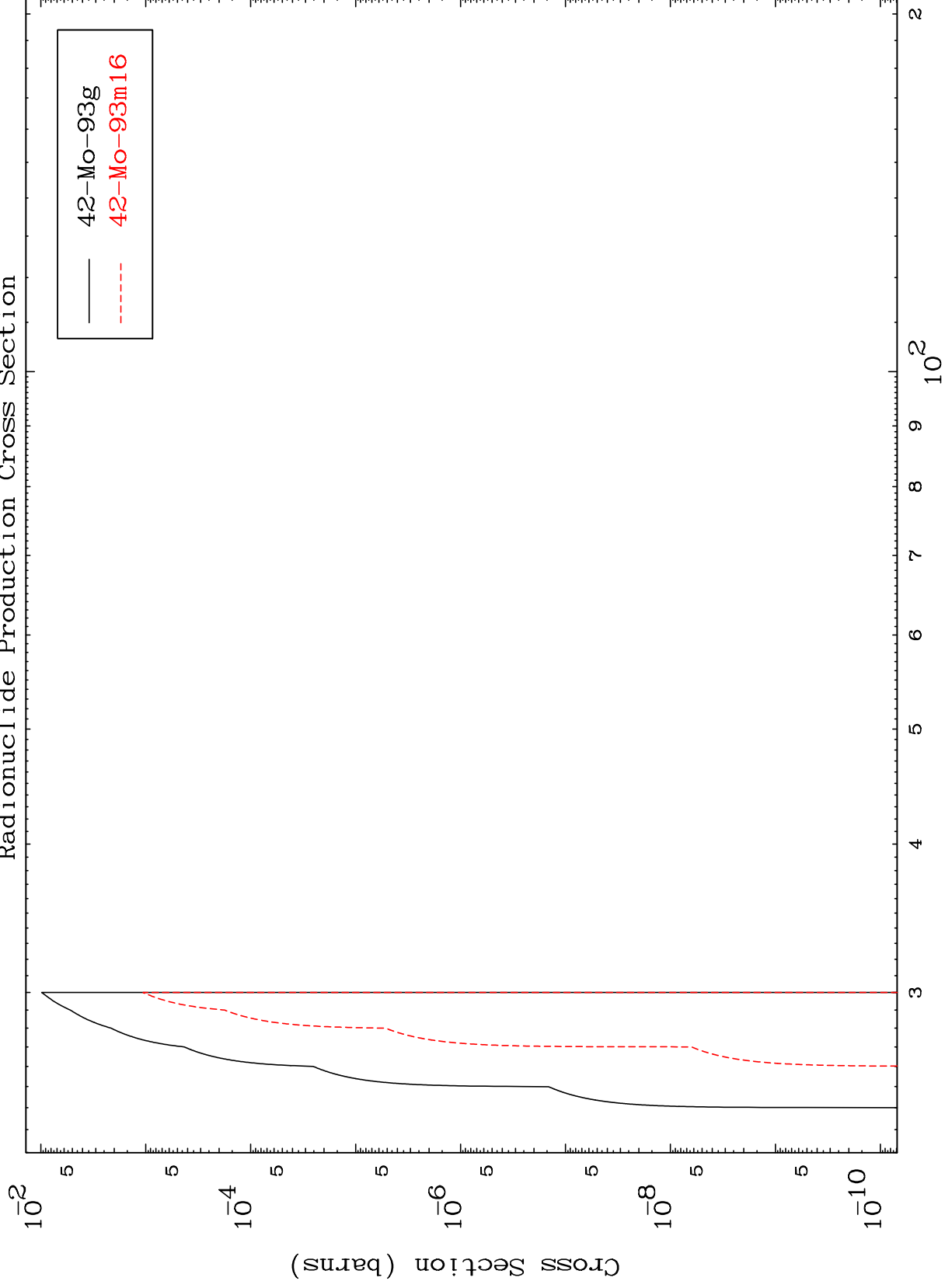
43-Tc-96

MAT 4316

(n,3n) p

43-Tc-96

Radionuclide Production Cross Section



76

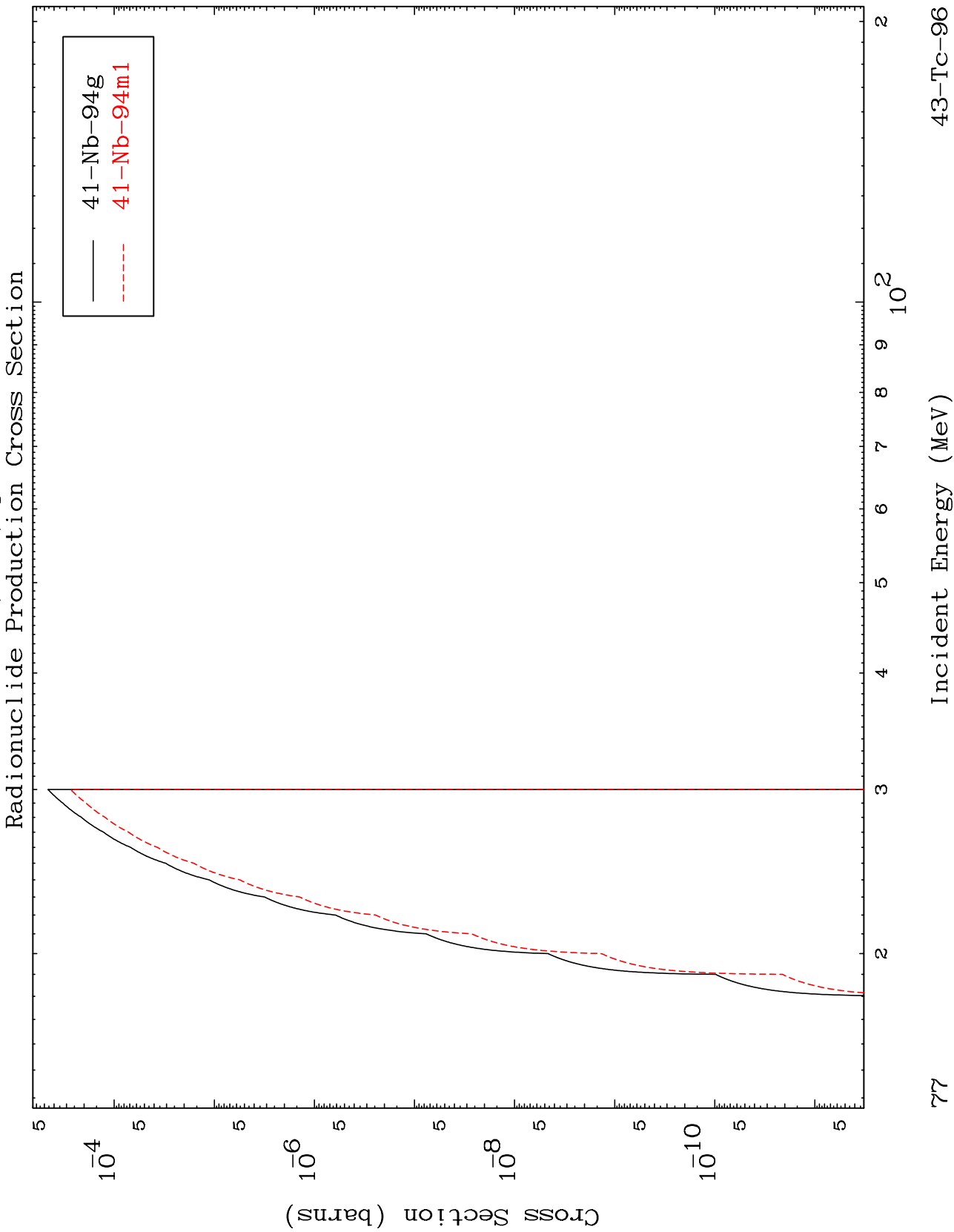
Incident Energy (MeV)

43-Tc-96

MAT 4316

(n,2n) p

43-Tc-96



77

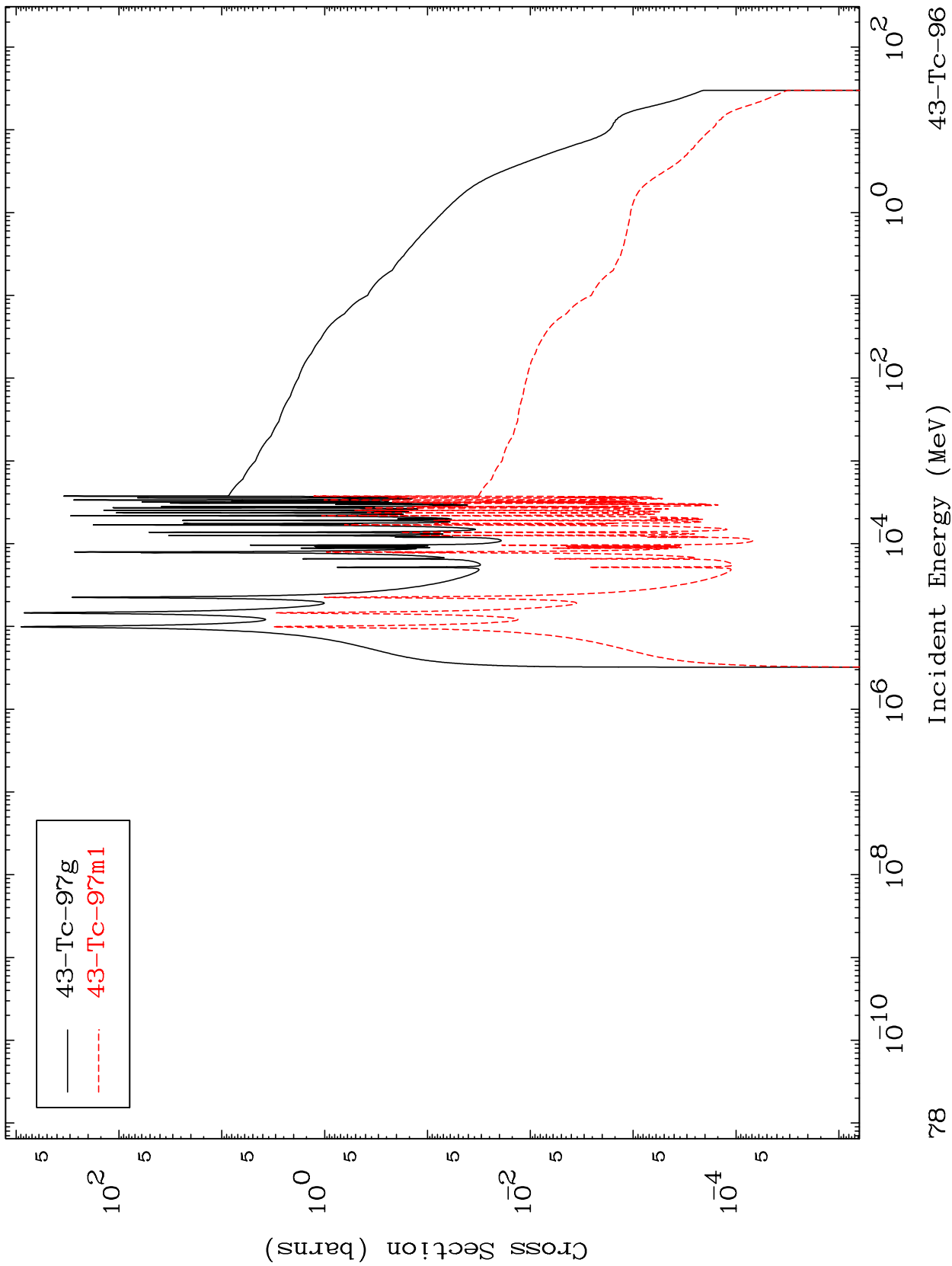
Incident Energy (MeV)

43-Tc-96

MAT 4316

43-Tc-96

(n, γ)
Radionuclide Production Cross Section



78

Incident Energy (MeV)

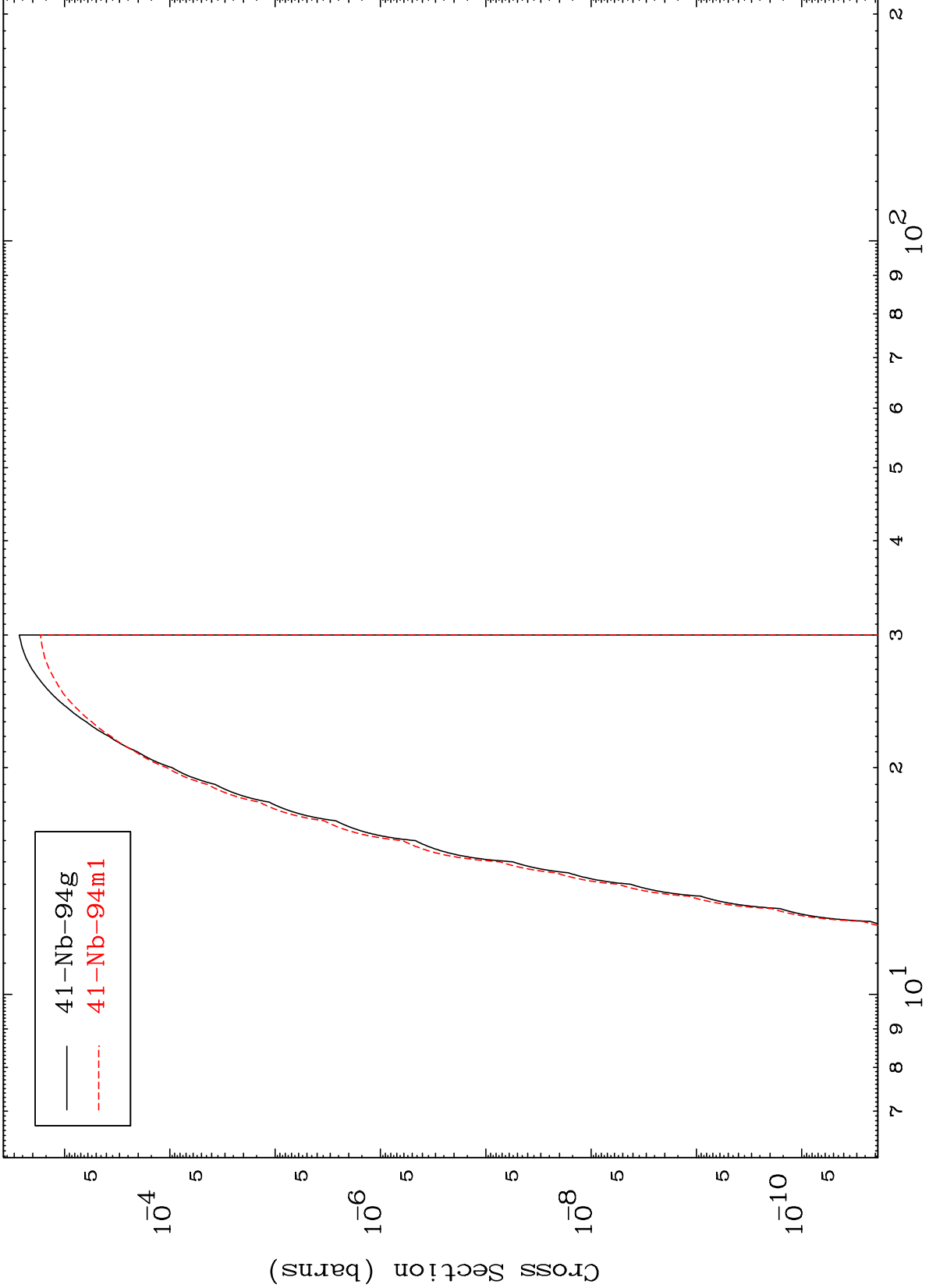
43-Tc-96

MAT 4316

(n,He-3)

43-Tc-96

Radionuclide Production Cross Section



41-Nb-94g
41-Nb-94m1

79

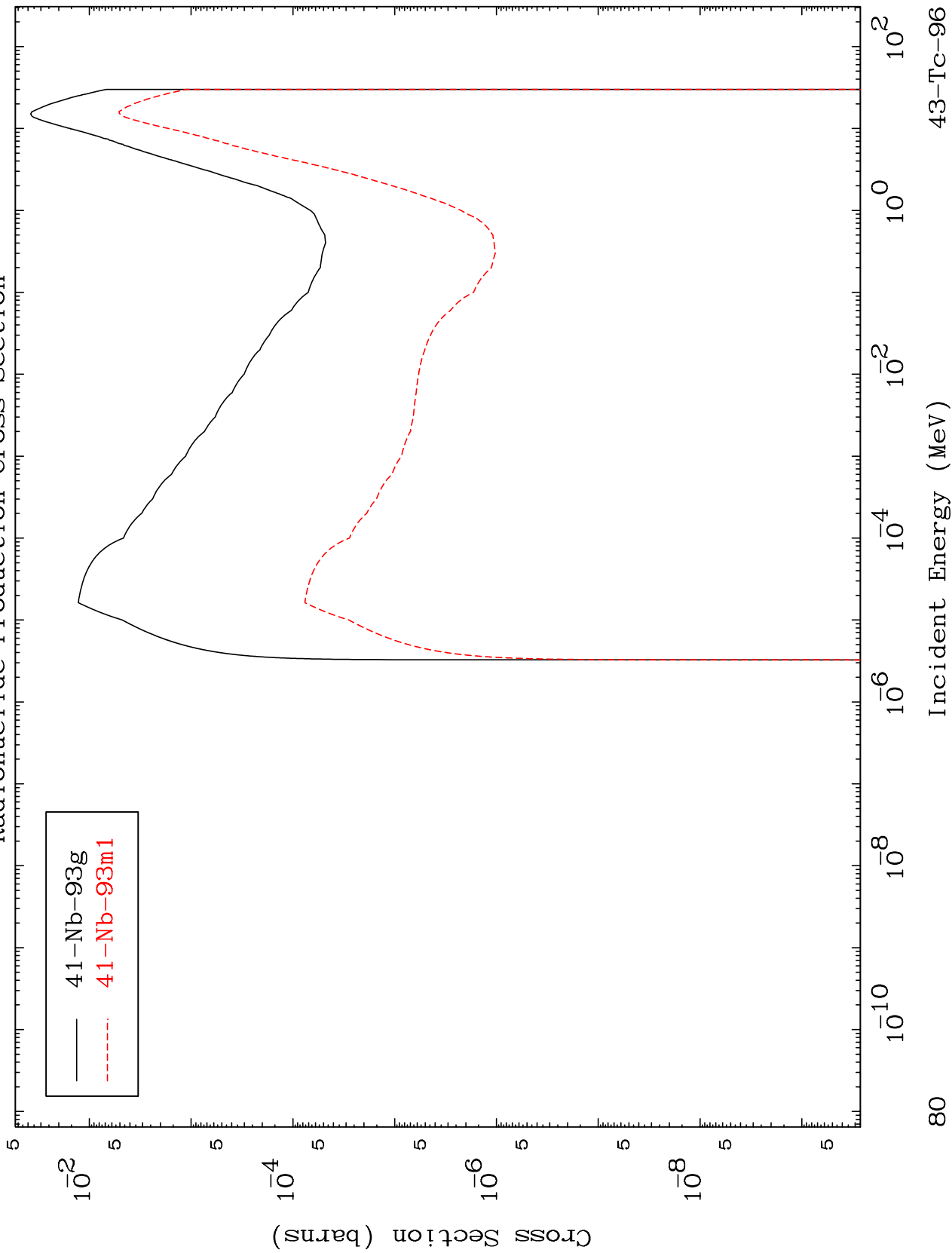
Incident Energy (MeV)

43-Tc-96

MAT 4316

43-Tc-96

(n, α)
Radionuclide Production Cross Section

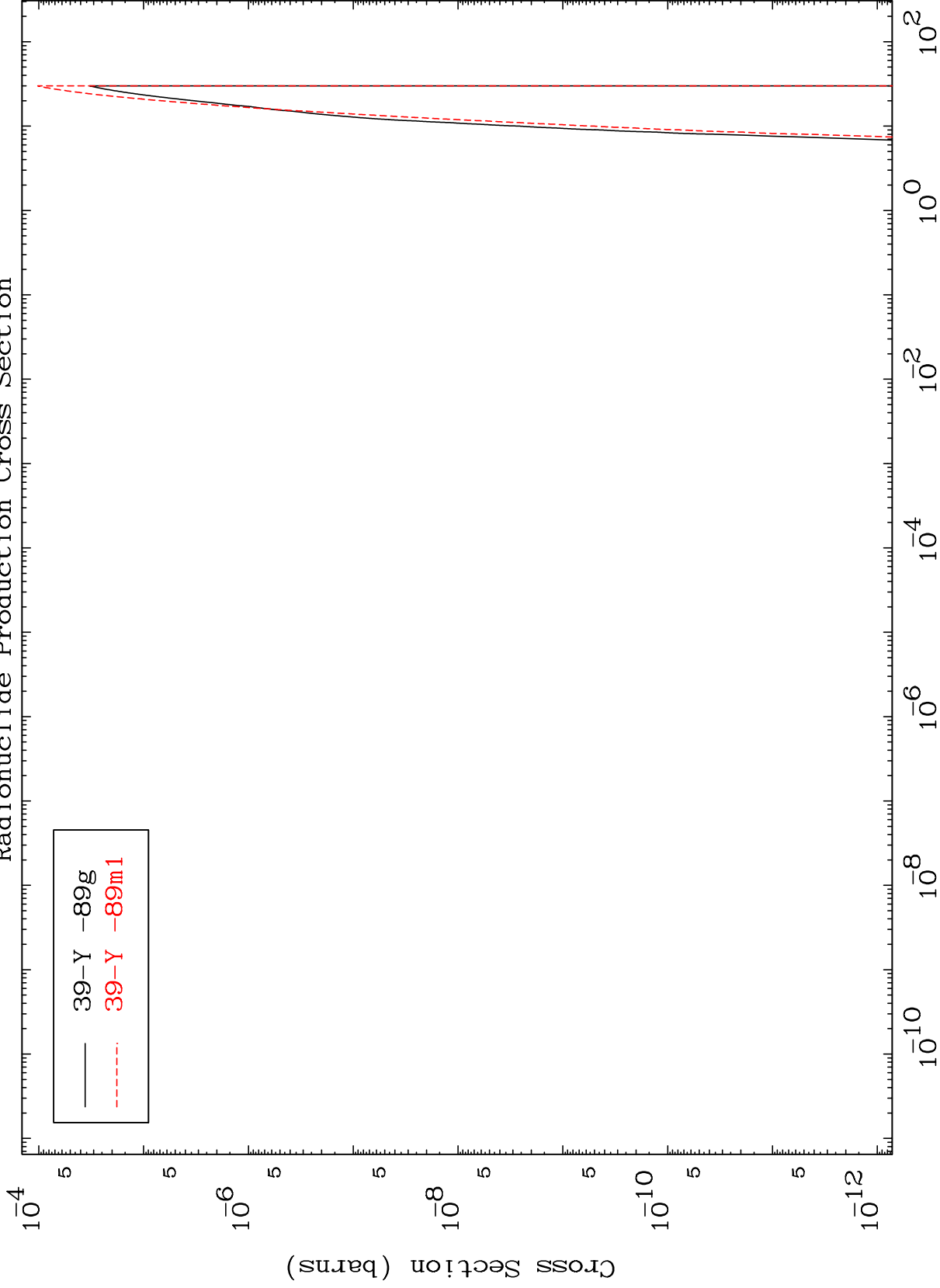


MAT 4316

(n,2α)

43-Tc-96

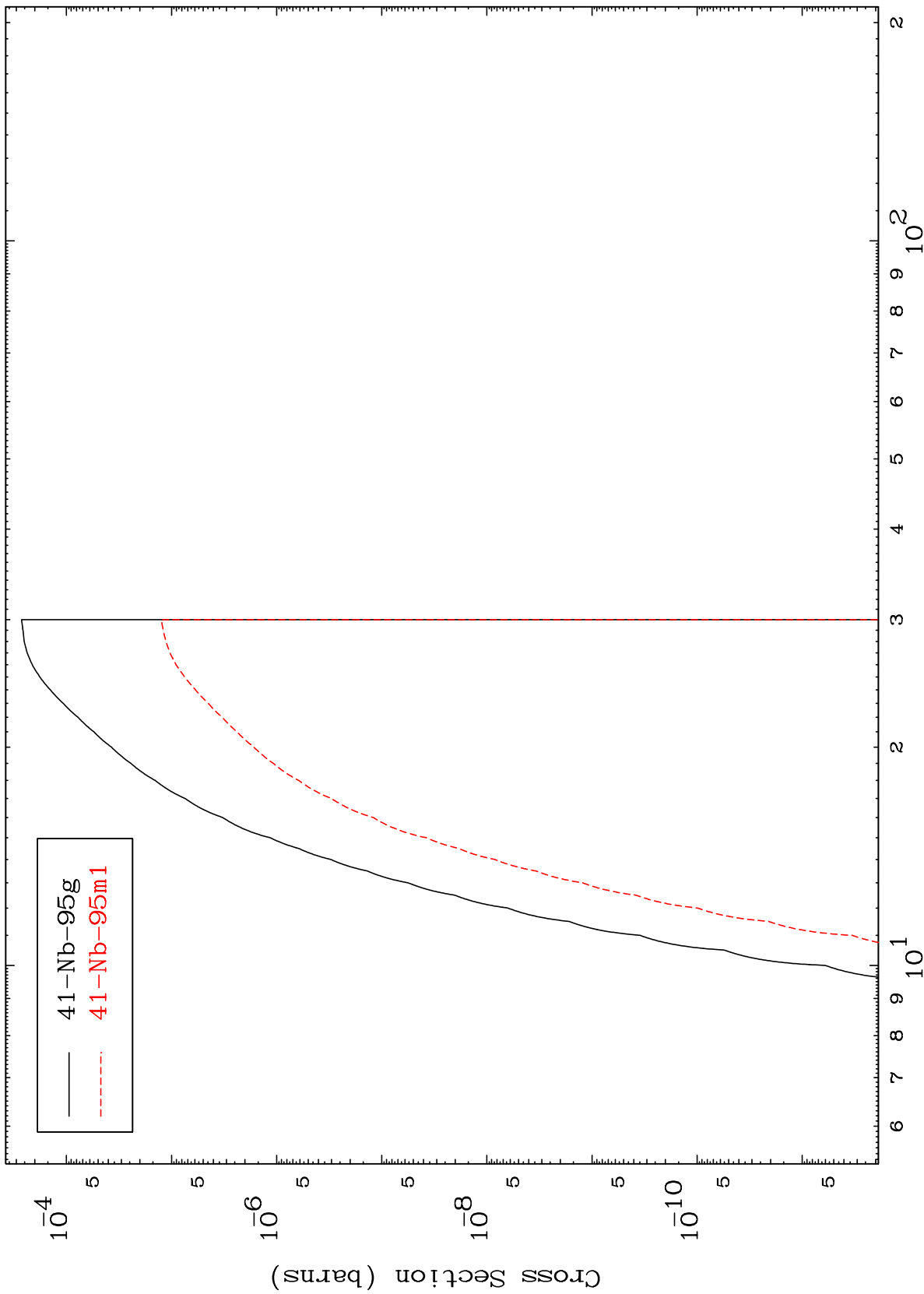
Radionuclide Production Cross Section



MAT 4316

43-Tc-96

(n,2p)
Radionuclide Production Cross Section

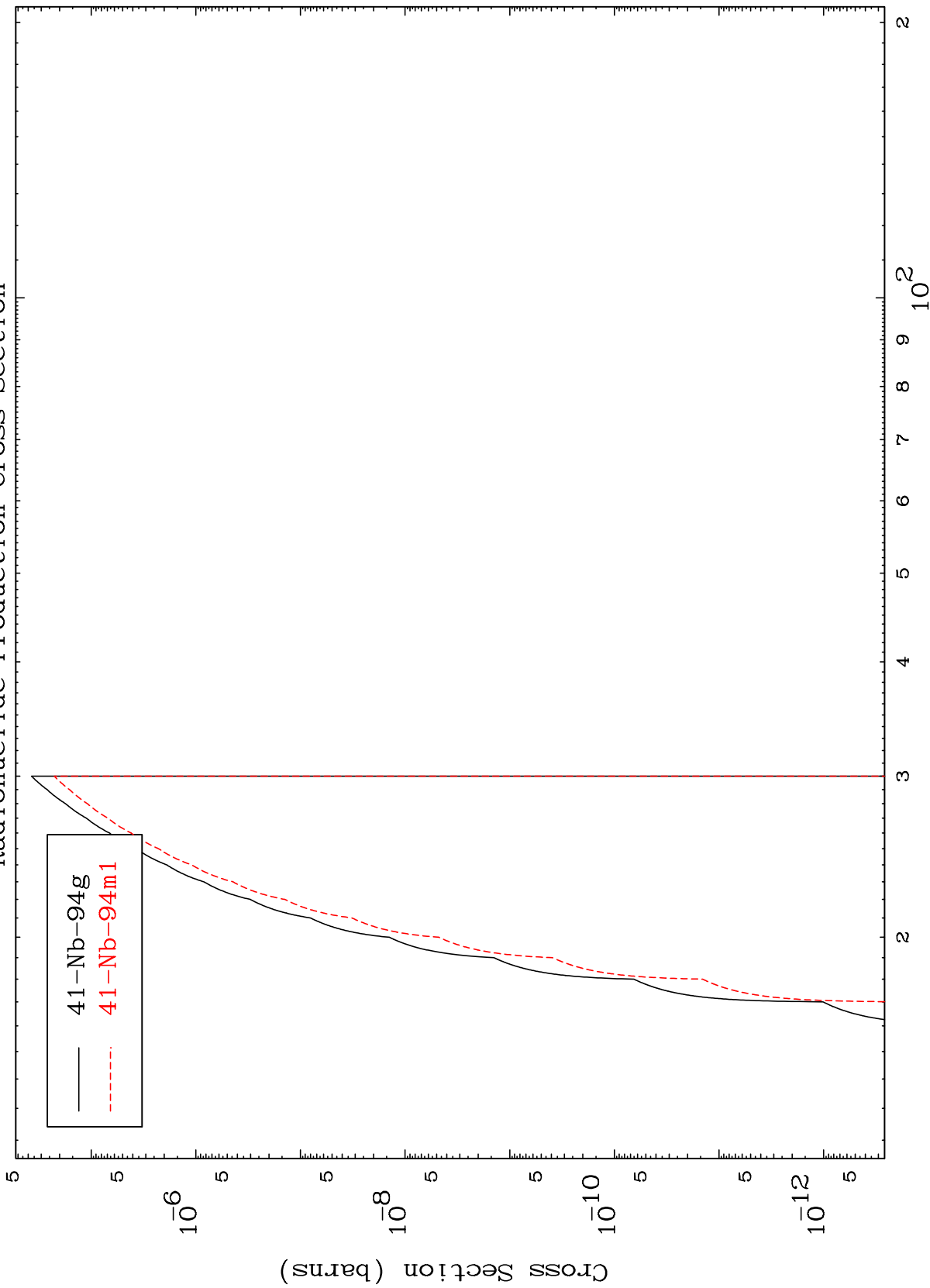


82

Incident Energy (MeV)

43-Tc-96

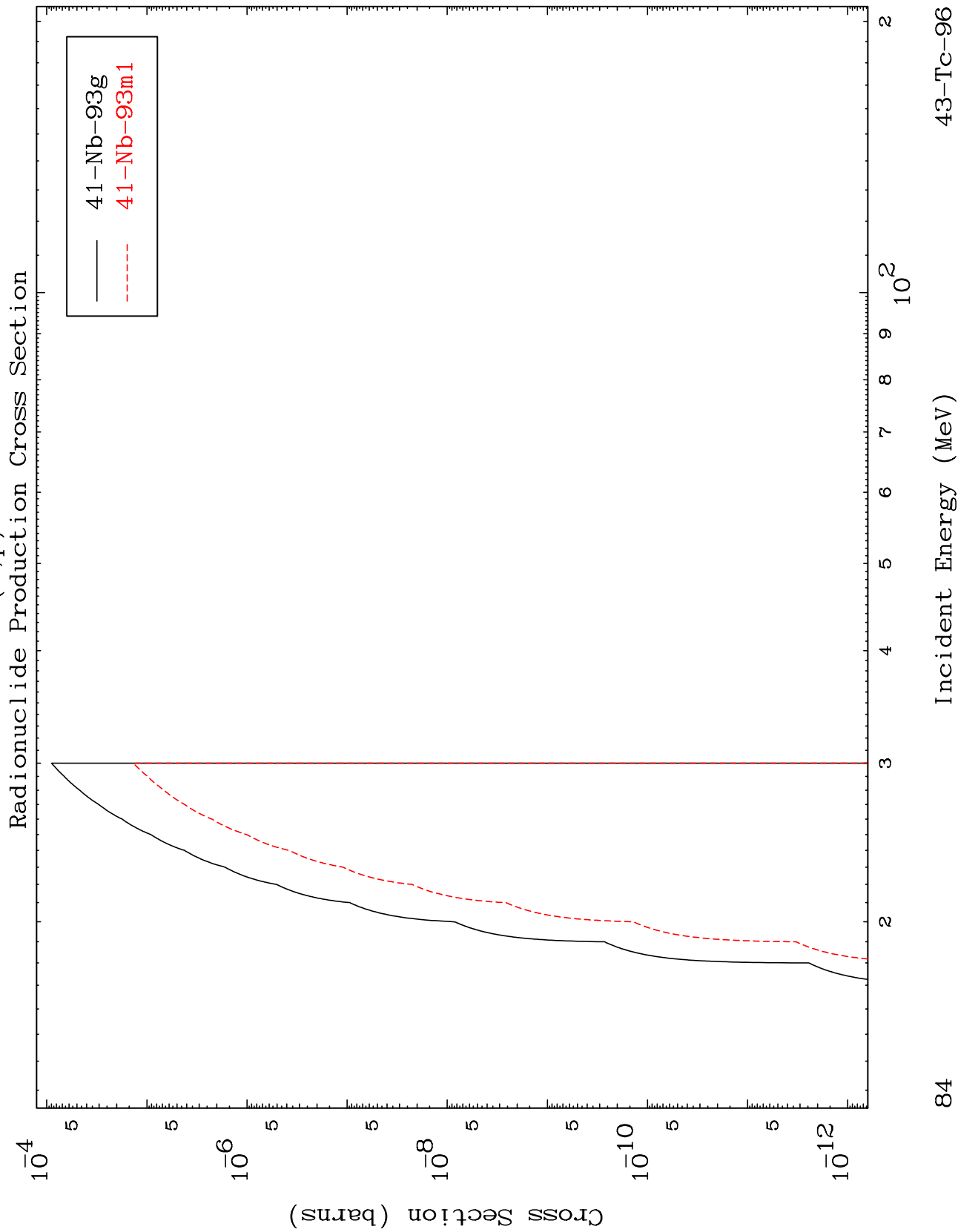
Radionuclide Production Cross Section



MAT 4316

(n,p) t

43-Tc-96



84

Incident Energy (MeV)

43-Tc-96