

Program EVALPLOT
(Version 2021-1)

by

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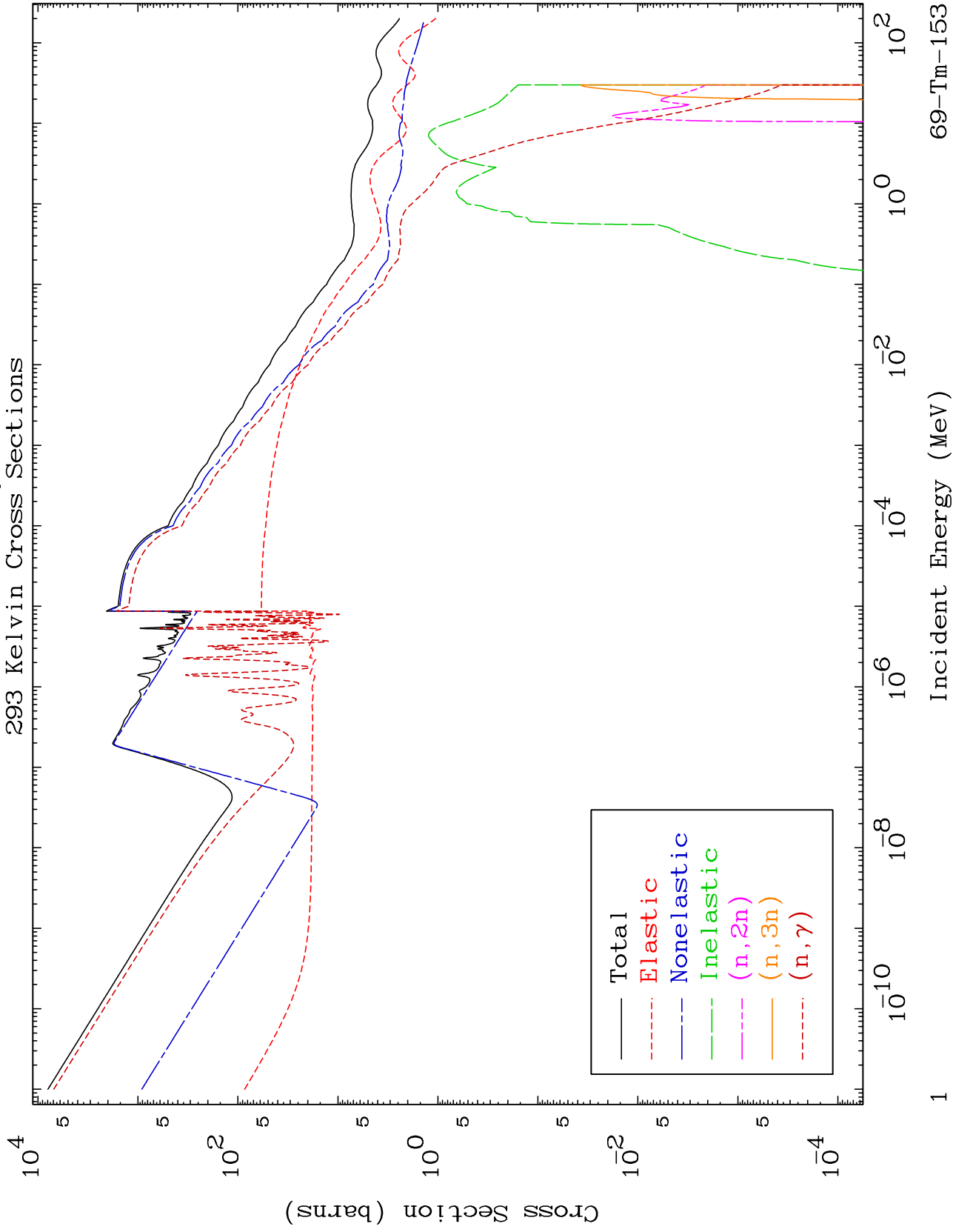
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6877

Neutron Major
293 Kelvin Cross Sections

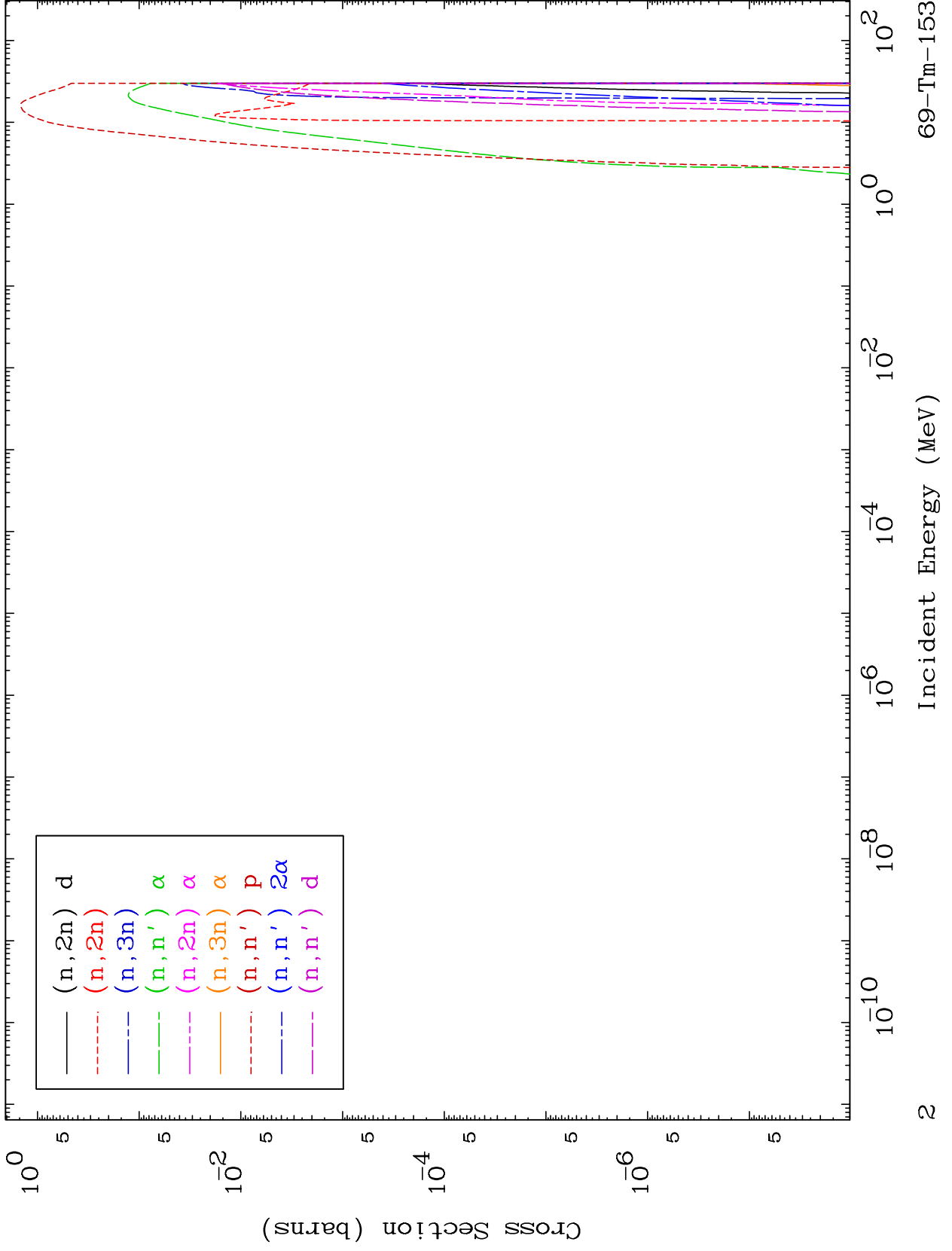
69-Tm-153

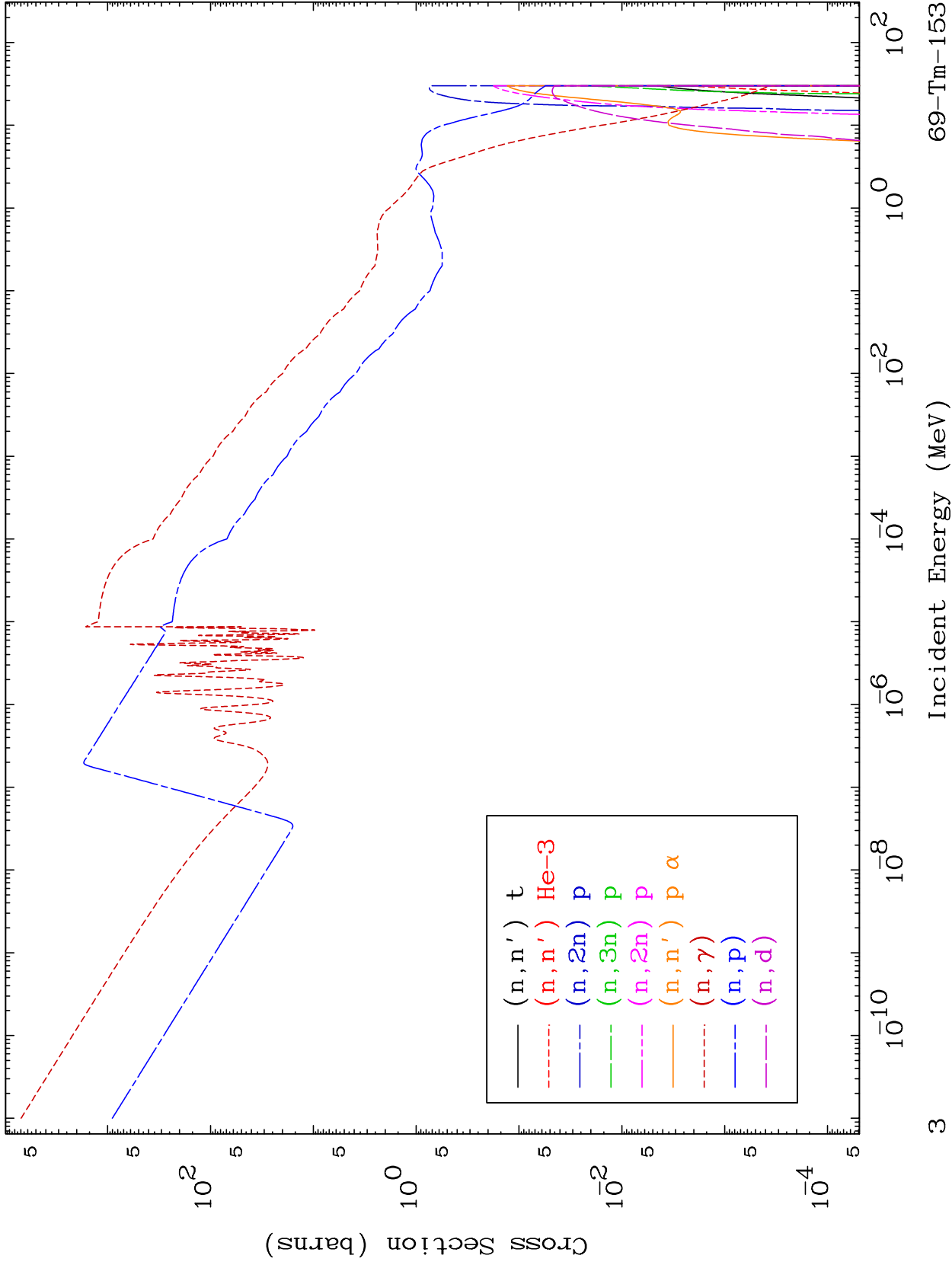


MAT 6877

Neutron Absorption
293 Kelvin Cross Sections

69-Tm-153

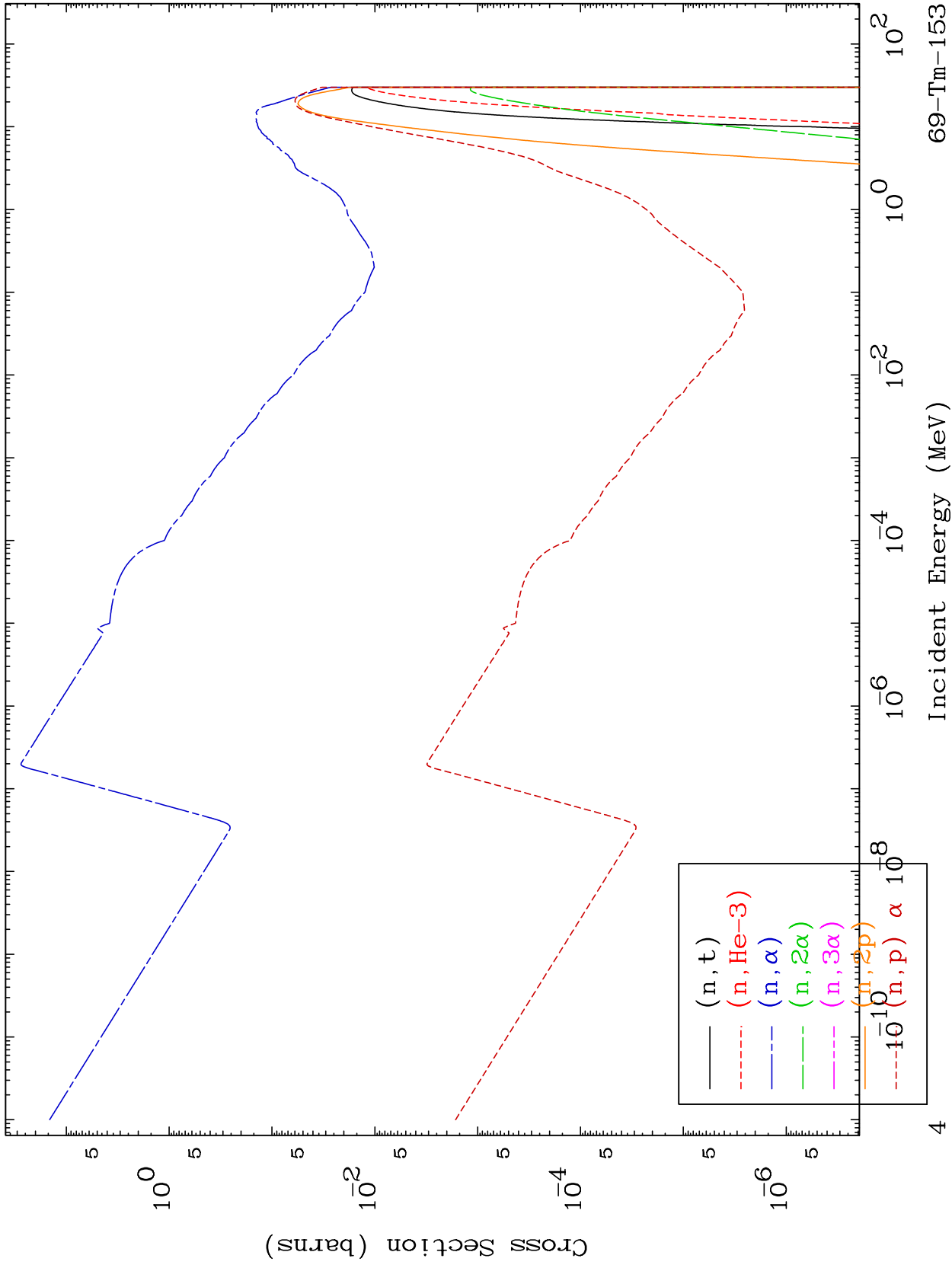


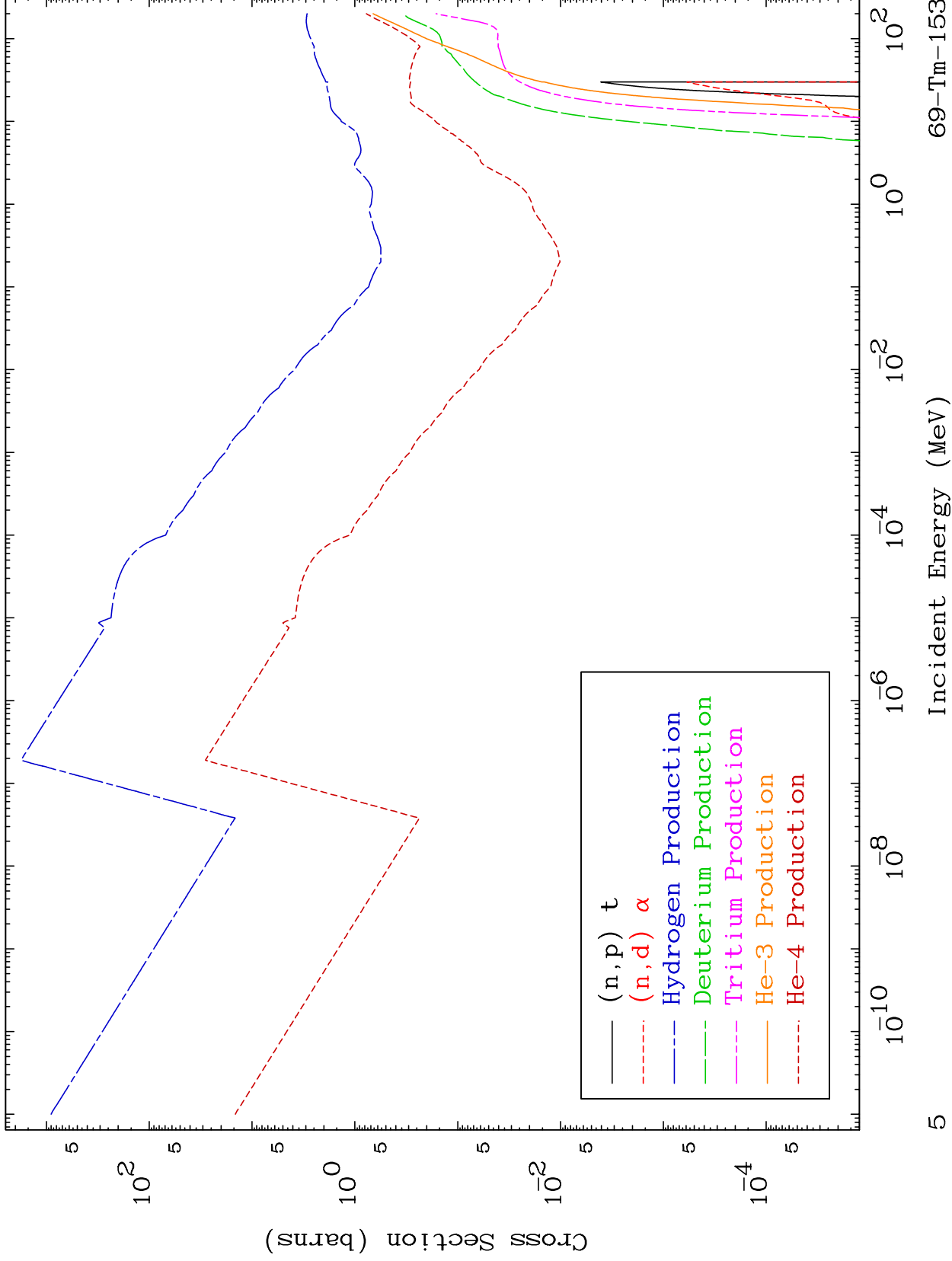


MAT 68777

Neutron Absorption
293 Kelvin Cross Sections

69-Tm-153

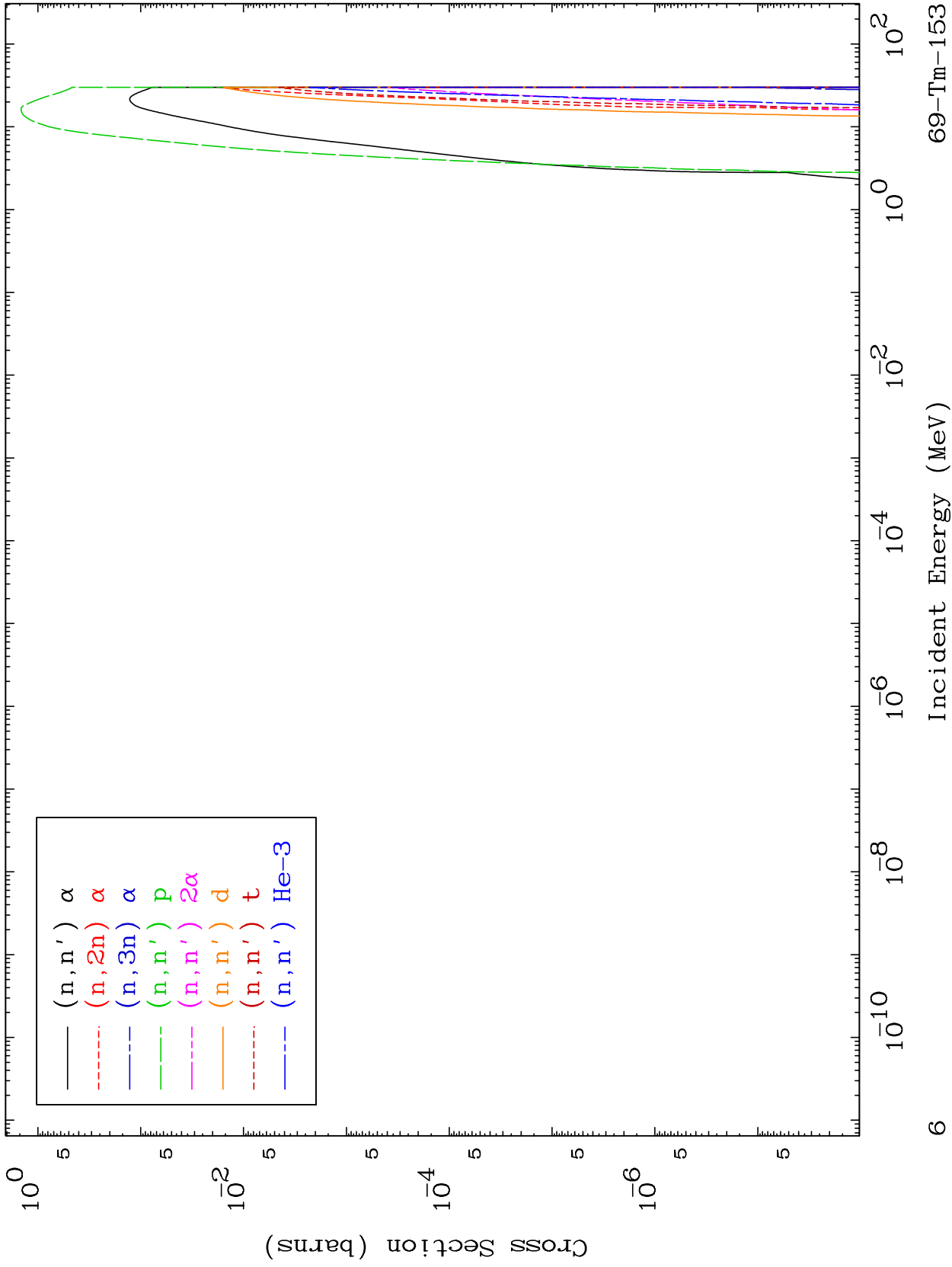




MAT 6877

Charged Particle
293 Kelvin Cross Sections

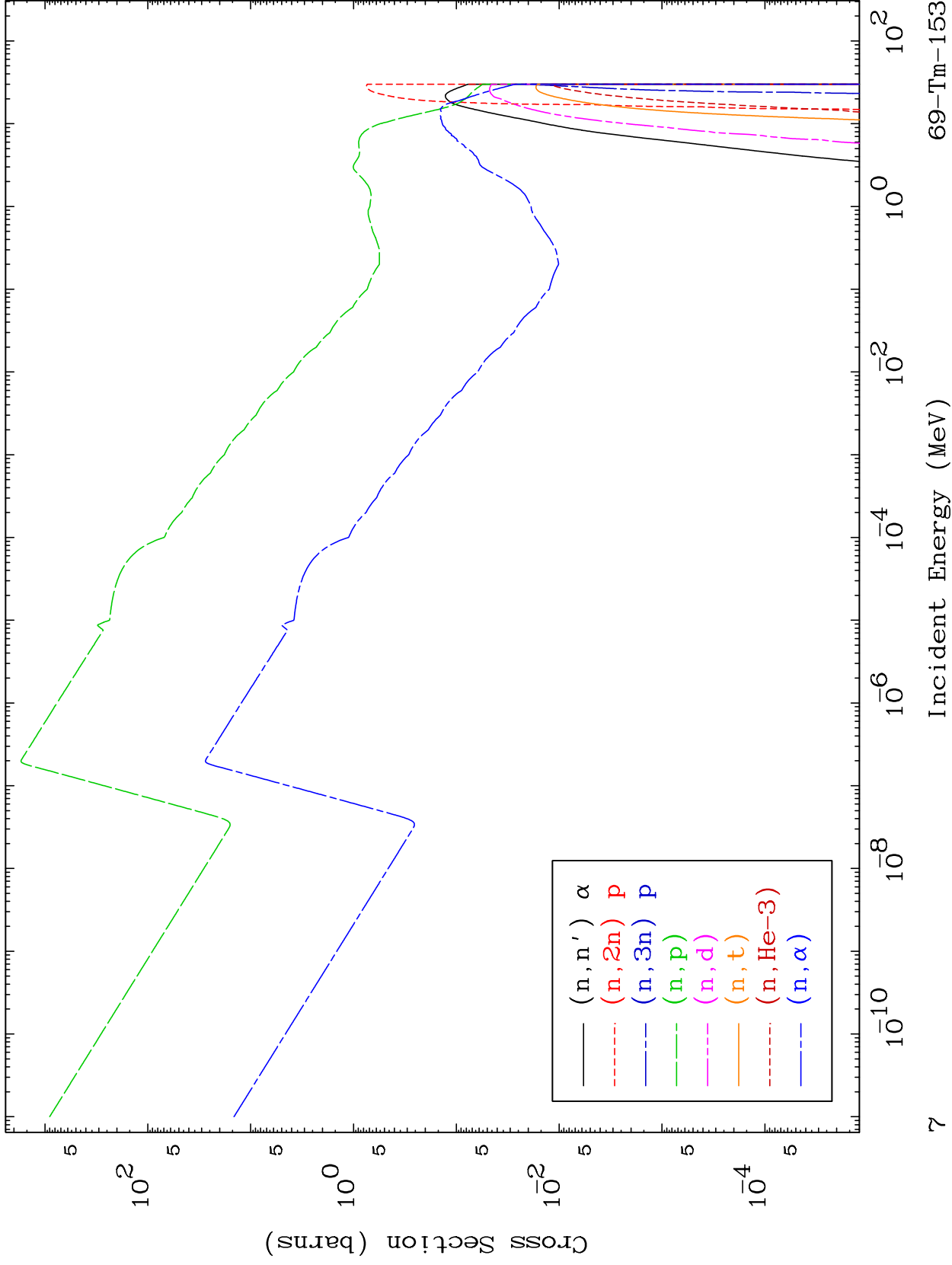
69-Tm-153



MAT 6877

Charged Particle
293 Kelvin Cross Sections

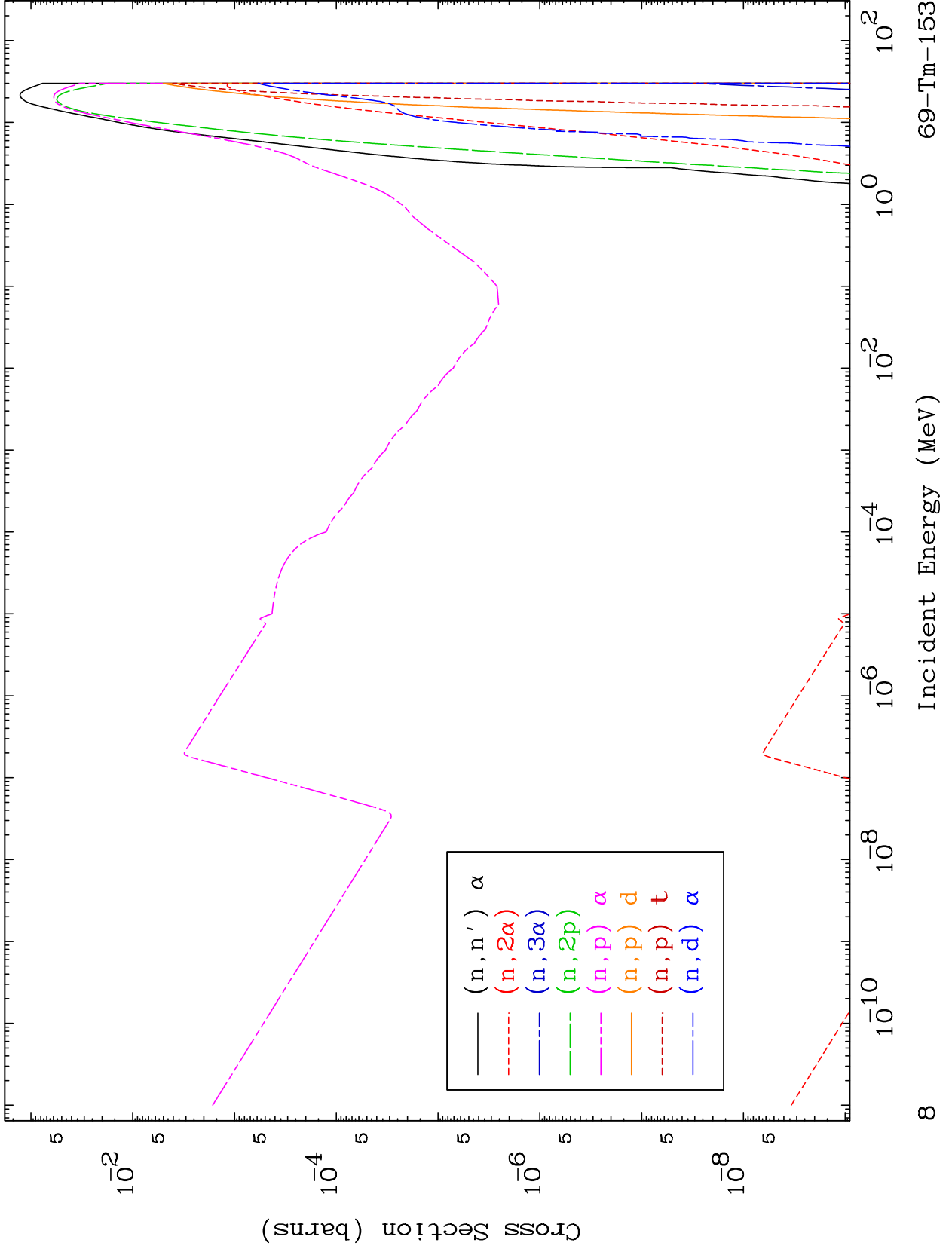
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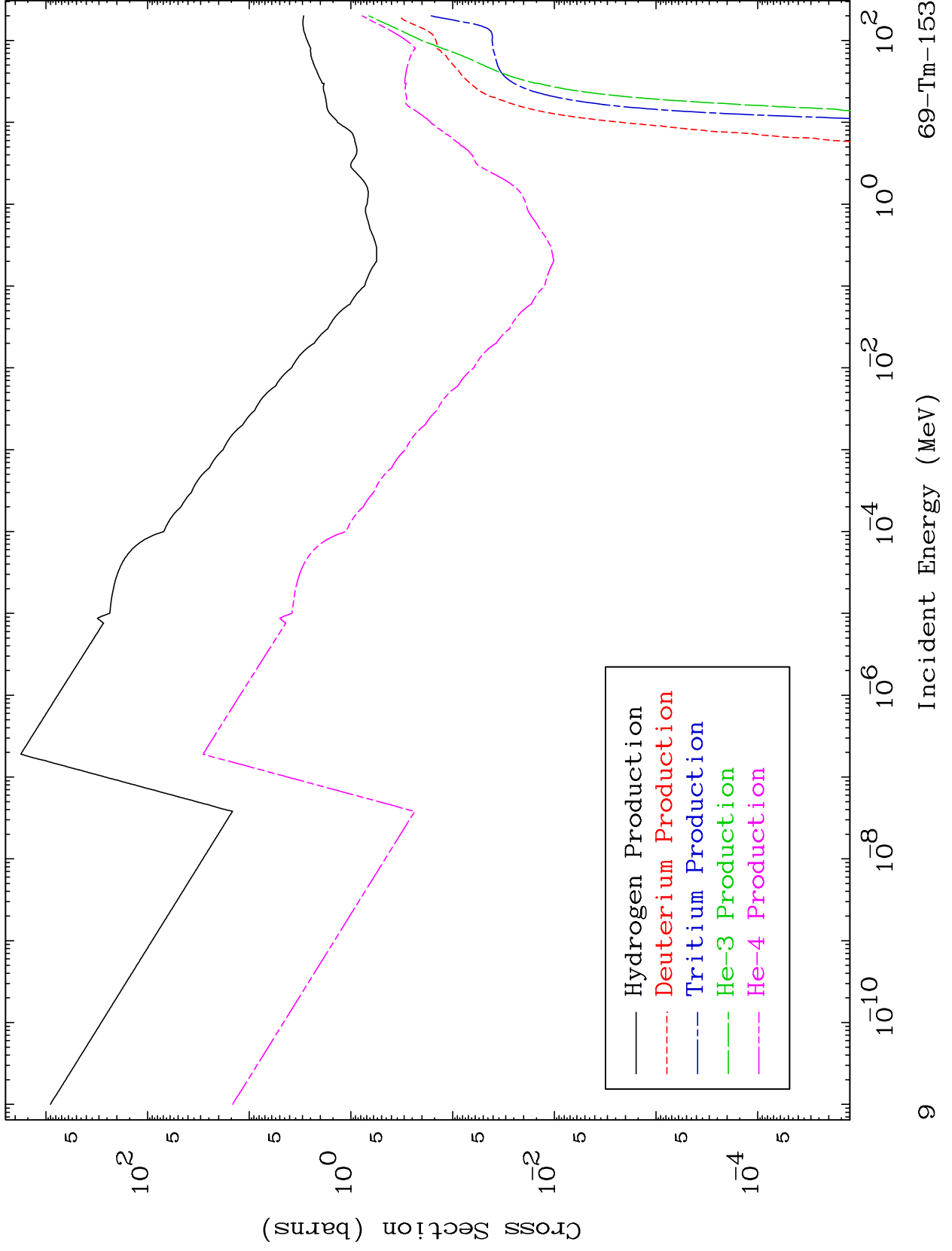


MAT 6877

Charged Particle
293 Kelvin Cross Sections

69-Tm-153

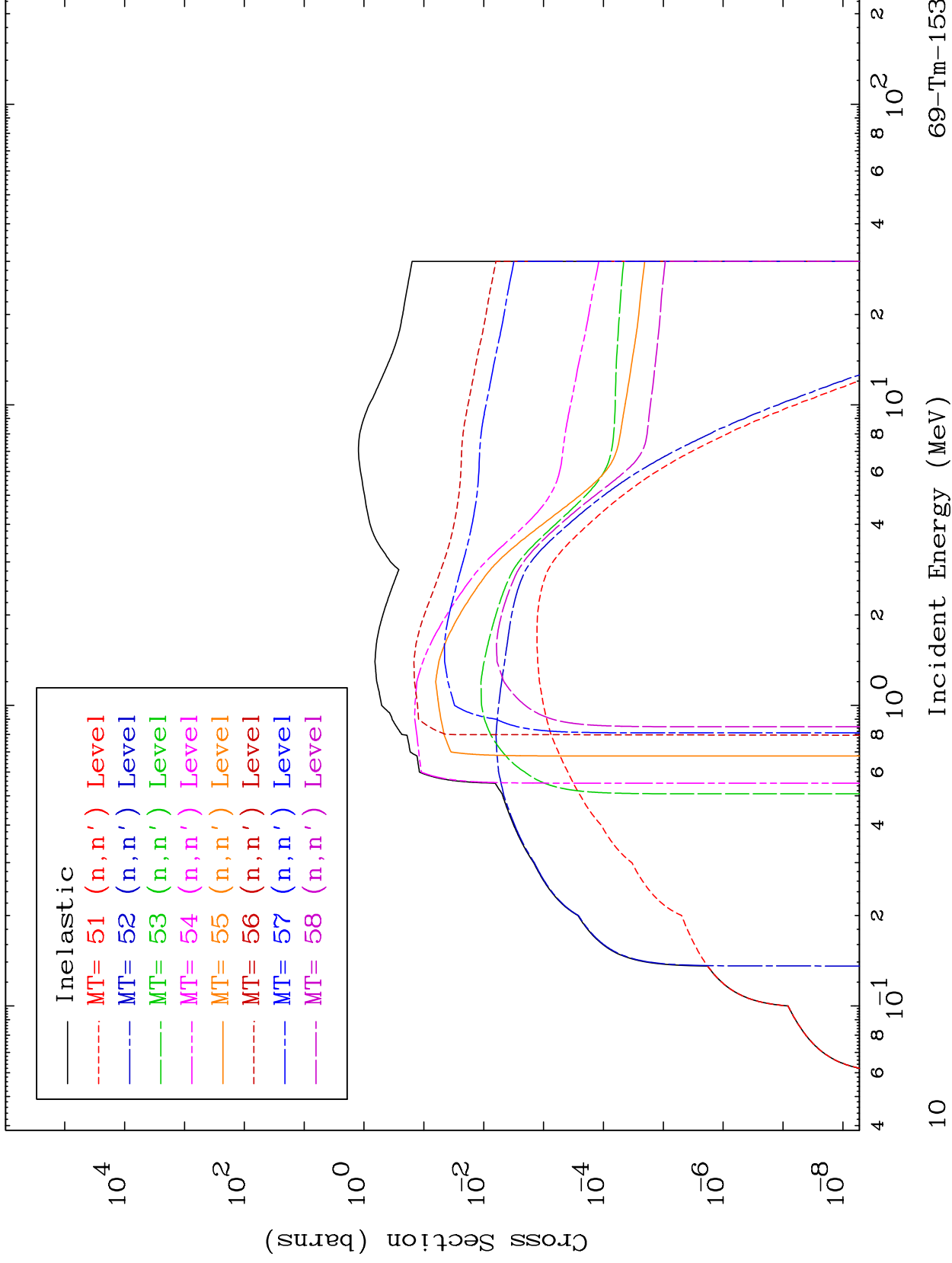




MAT 6877

(n,n') Levels
293 Kelvin Cross Sections

69-Tm-153



10

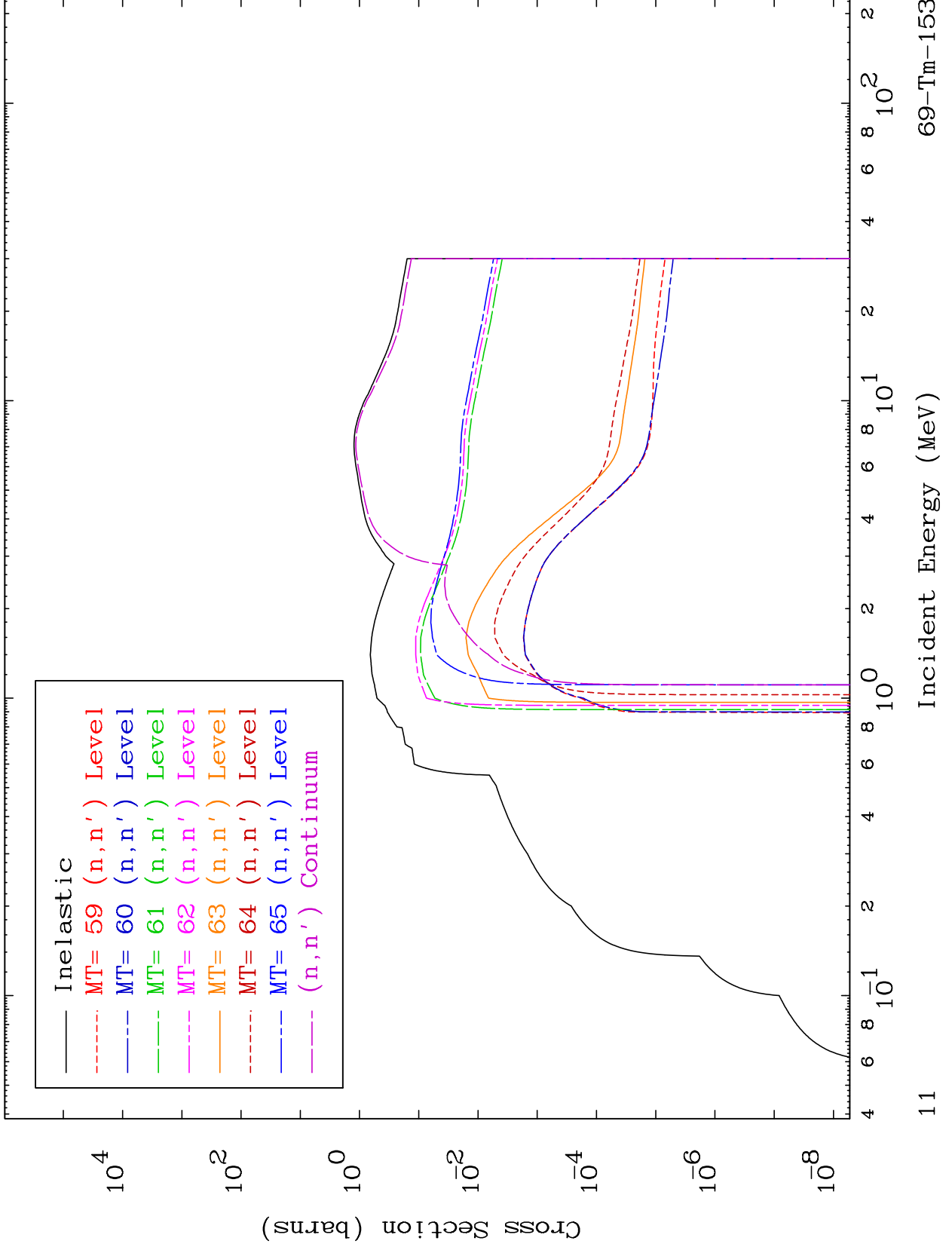
Incident Energy (MeV)

69-Tm-153

MAT 6877

293 (n,n') Levels
Kelvin Cross Sections

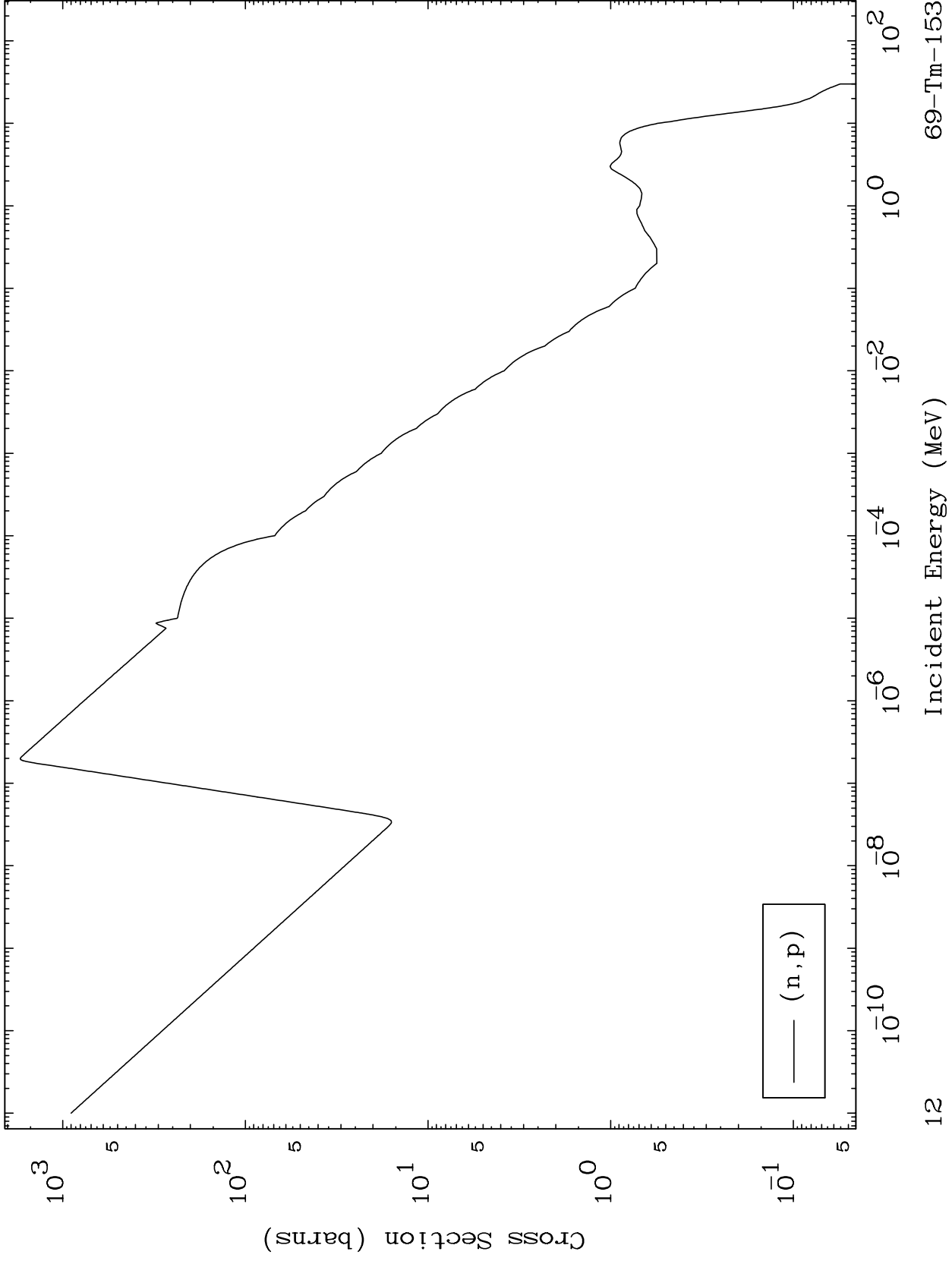
69-Tm-153



MAT 68777

(n,p) Levels
293 Kelvin Cross Sections

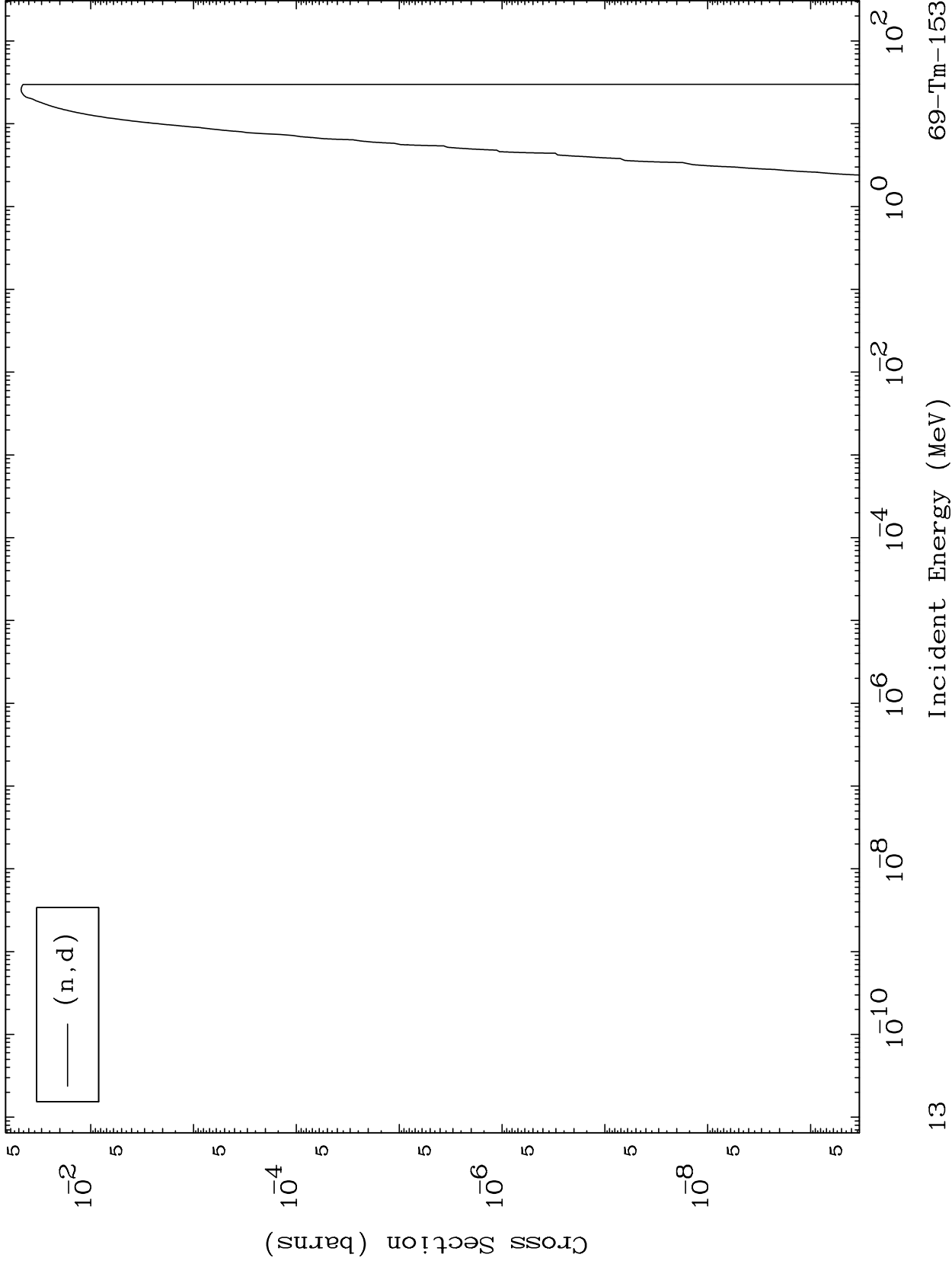
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MAT 6877

(n,d) Levels
293 Kelvin Cross Sections

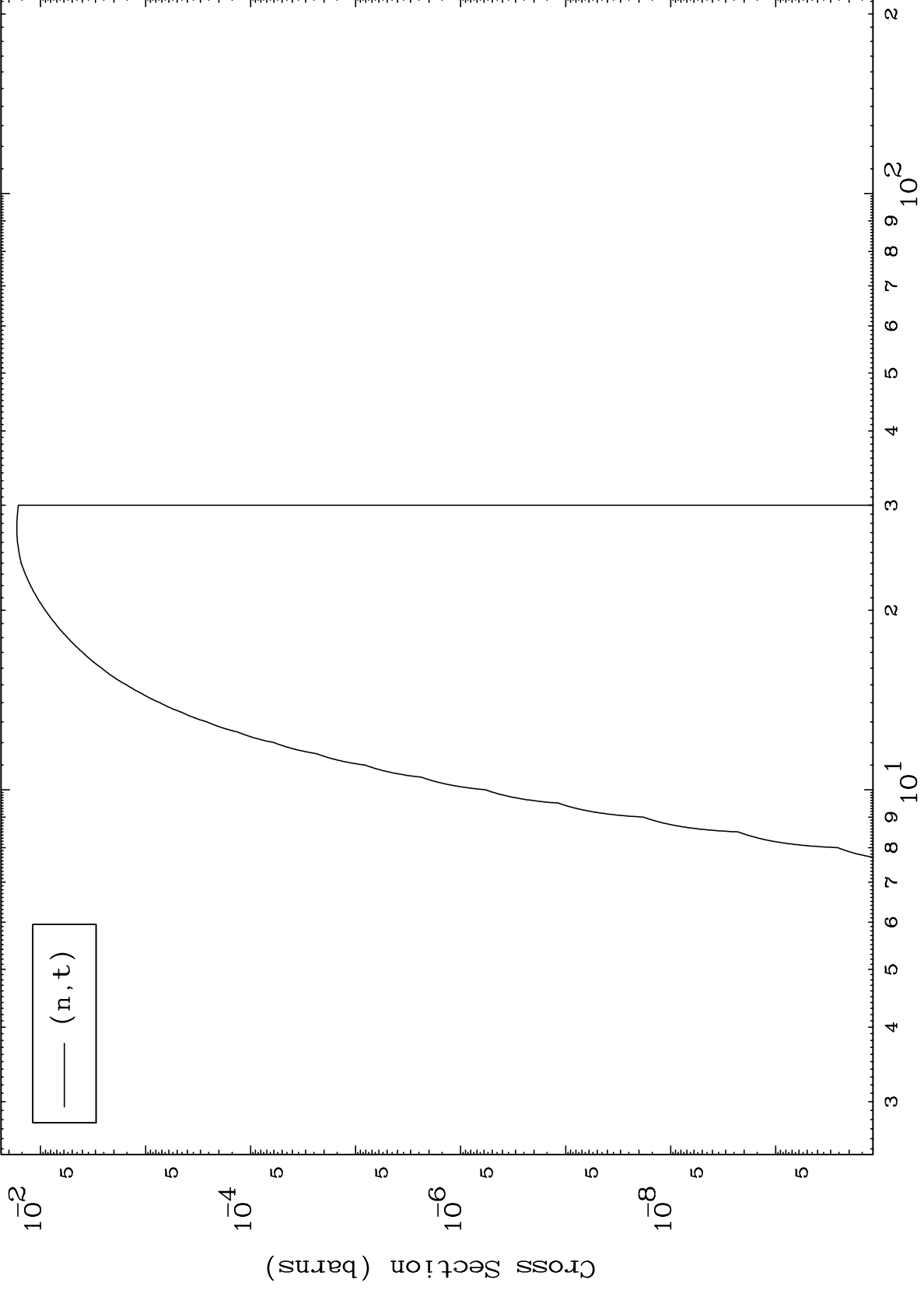
69-Tm-153



MAT 6877

(n,t) Levels
293 Kelvin Cross Sections

69-Tm-153



14

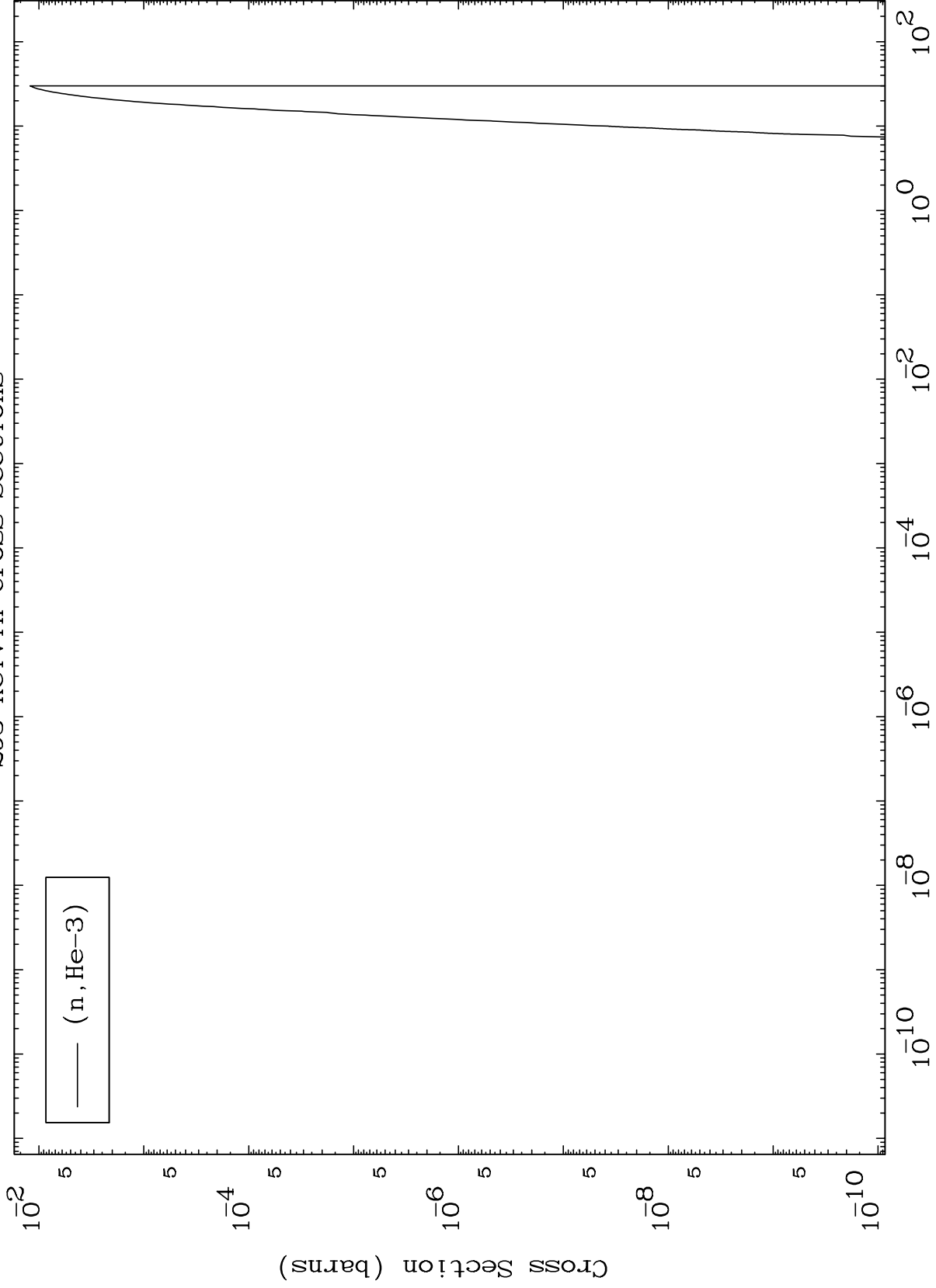
Incident Energy (MeV)

69-Tm-153

MAT 6877

(n,He3) Levels
293 Kelvin Cross Sections

69-Tm-153



15

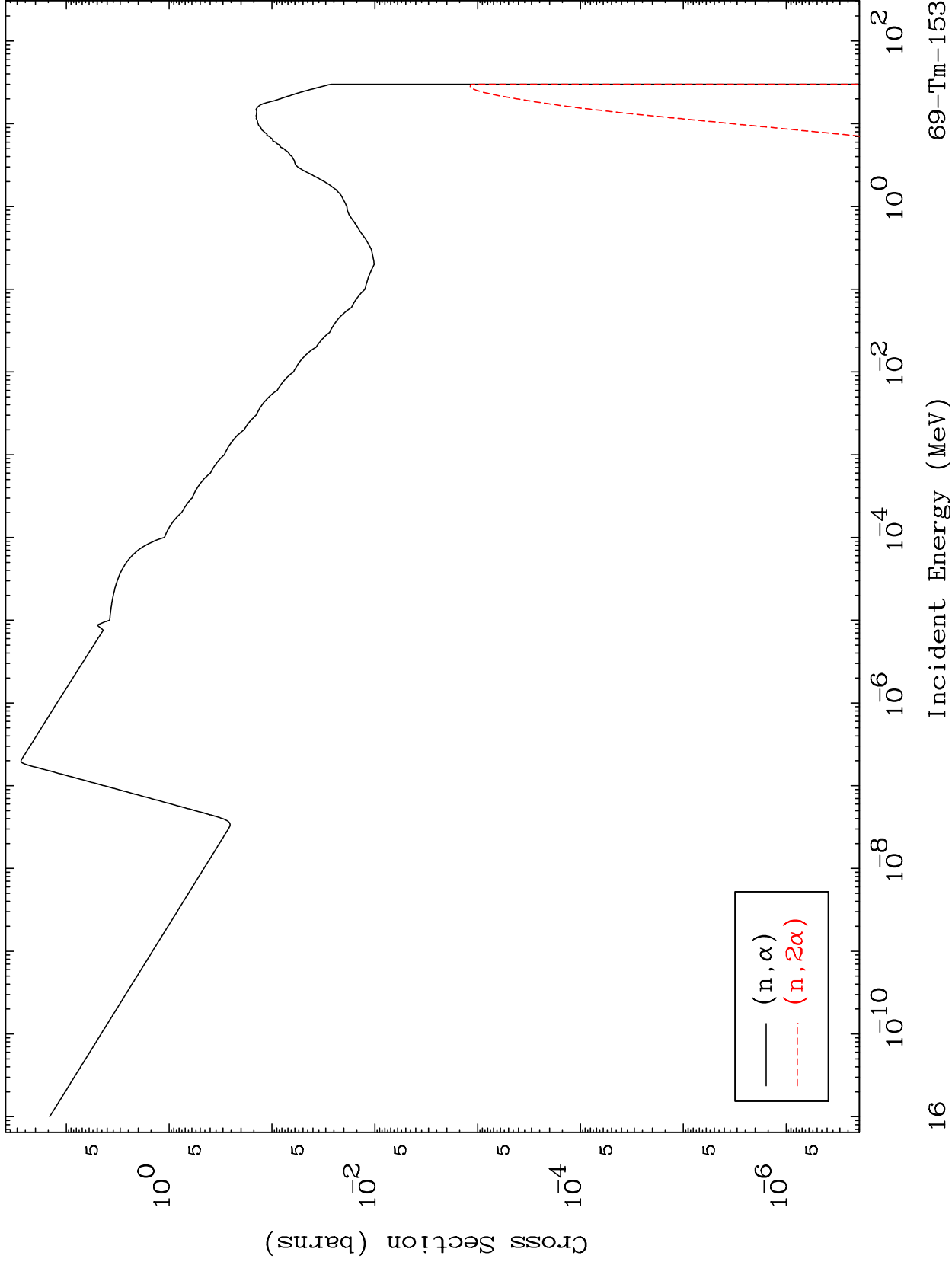
Incident Energy (MeV)

69-Tm-153

MAT 68777

(n, α) Levels
293 Kelvin Cross Sections

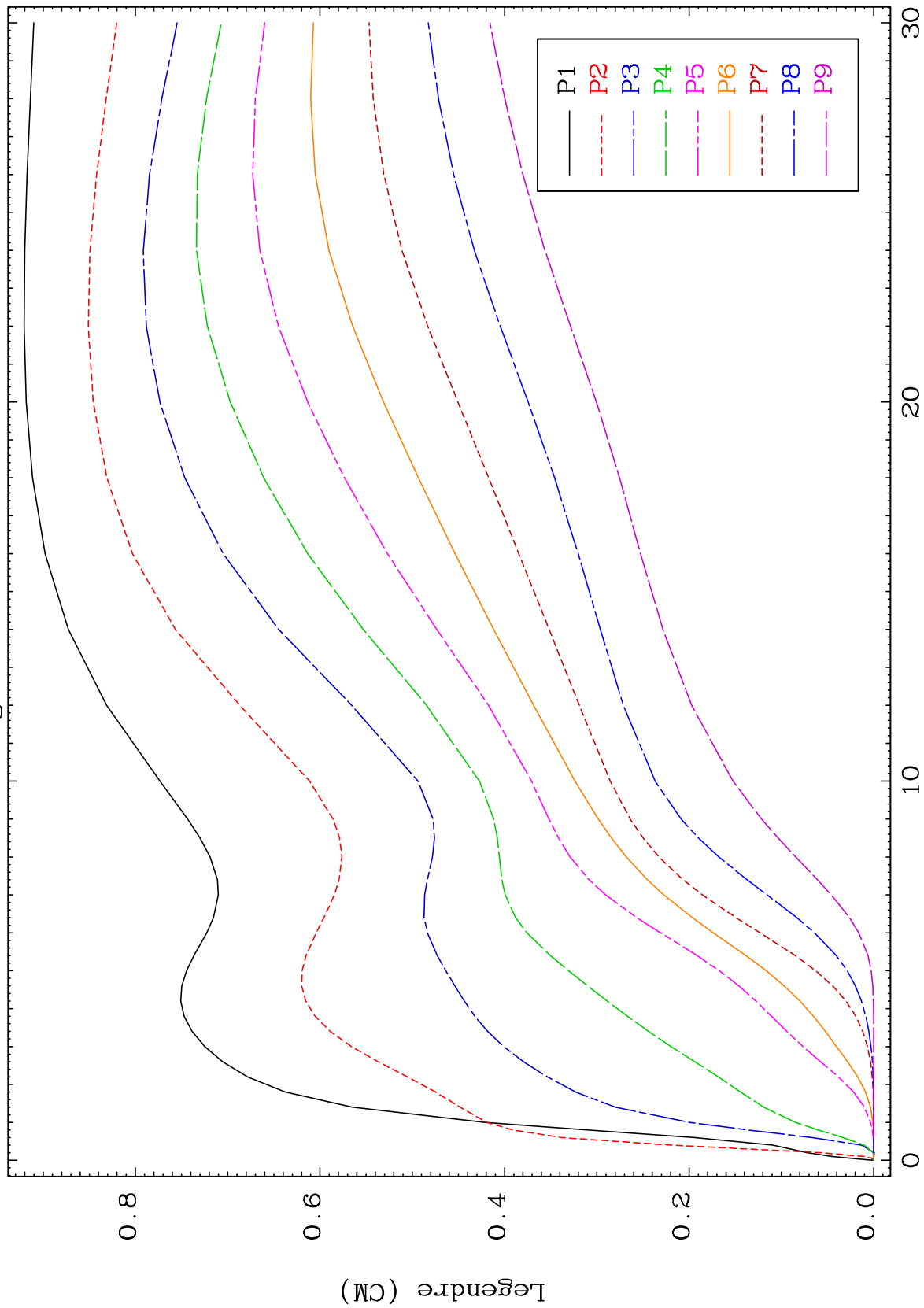
69-Tm-153



MAT 6877

Elastic Legendre Coefficients

69-Tm-153



17

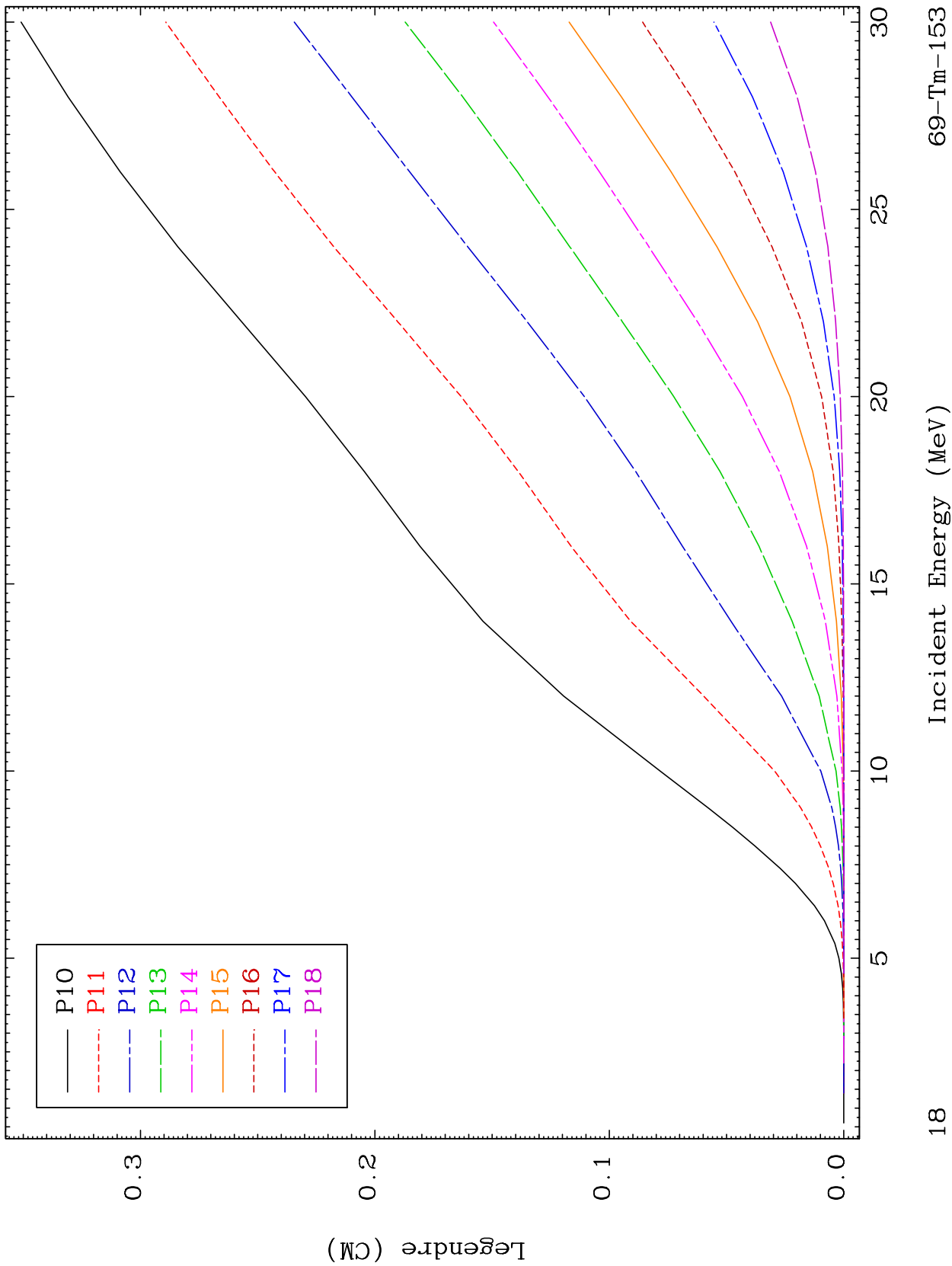
Incident Energy (MeV)

69-Tm-153

MAT 6877

Elastic Legendre Coefficients

69-Tm-153



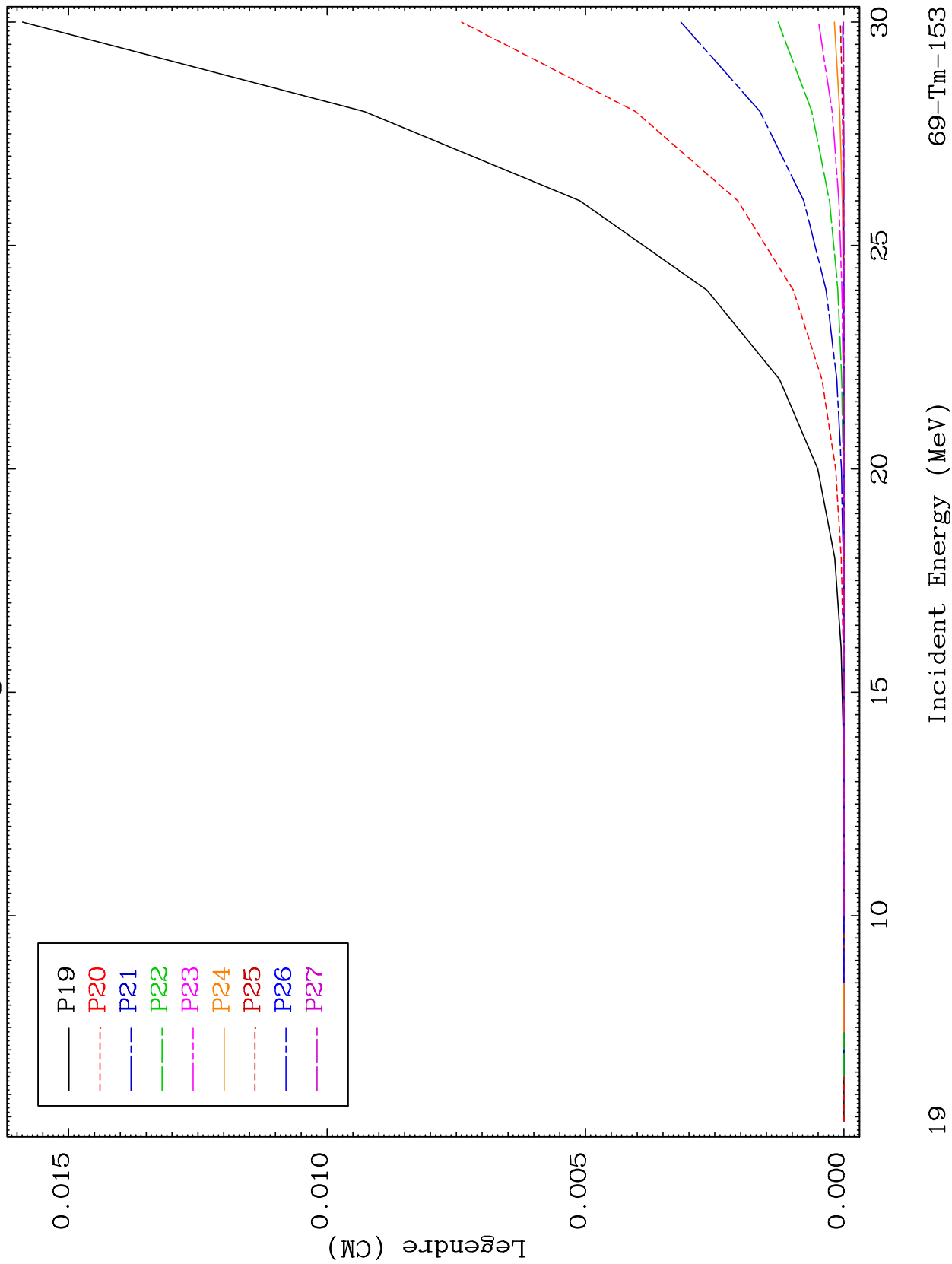
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69-Tm-153

MAT 6877

Elastic Legendre Coefficients

69-Tm-153



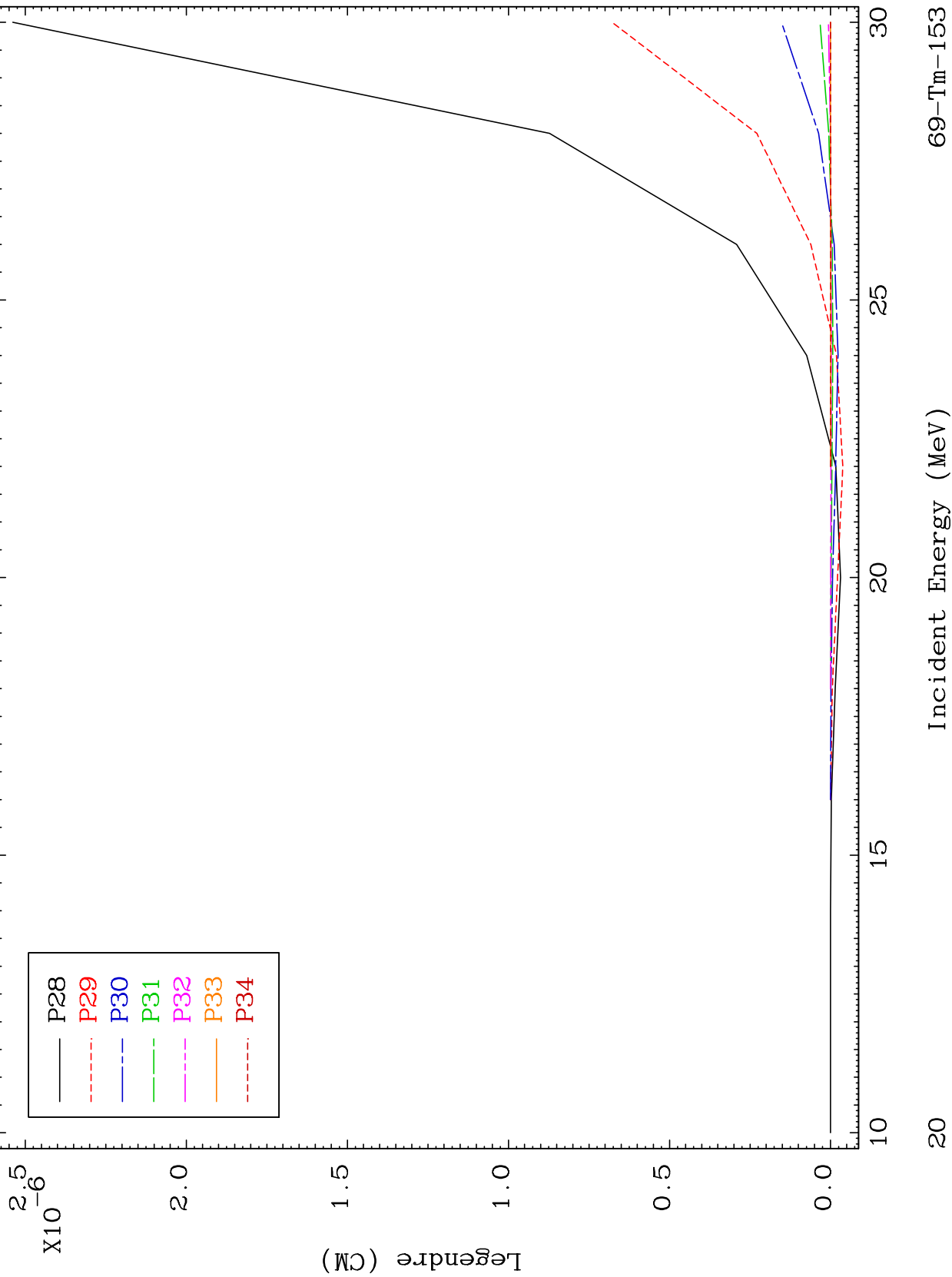
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69-Tm-153

MAT 6877

Elastic Legendre Coefficients

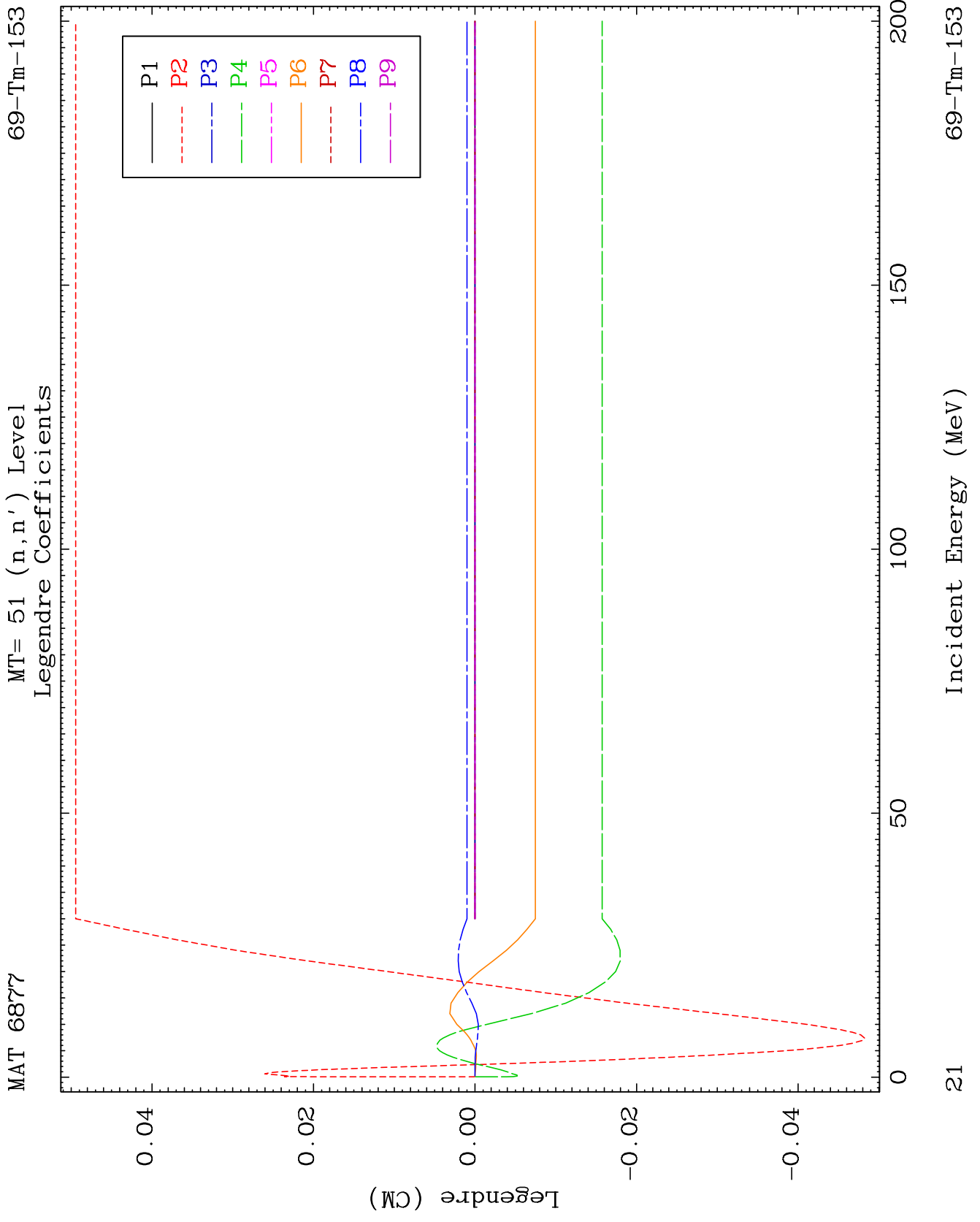
69-Tm-153



69-Tm-153

Incident Energy (MeV)

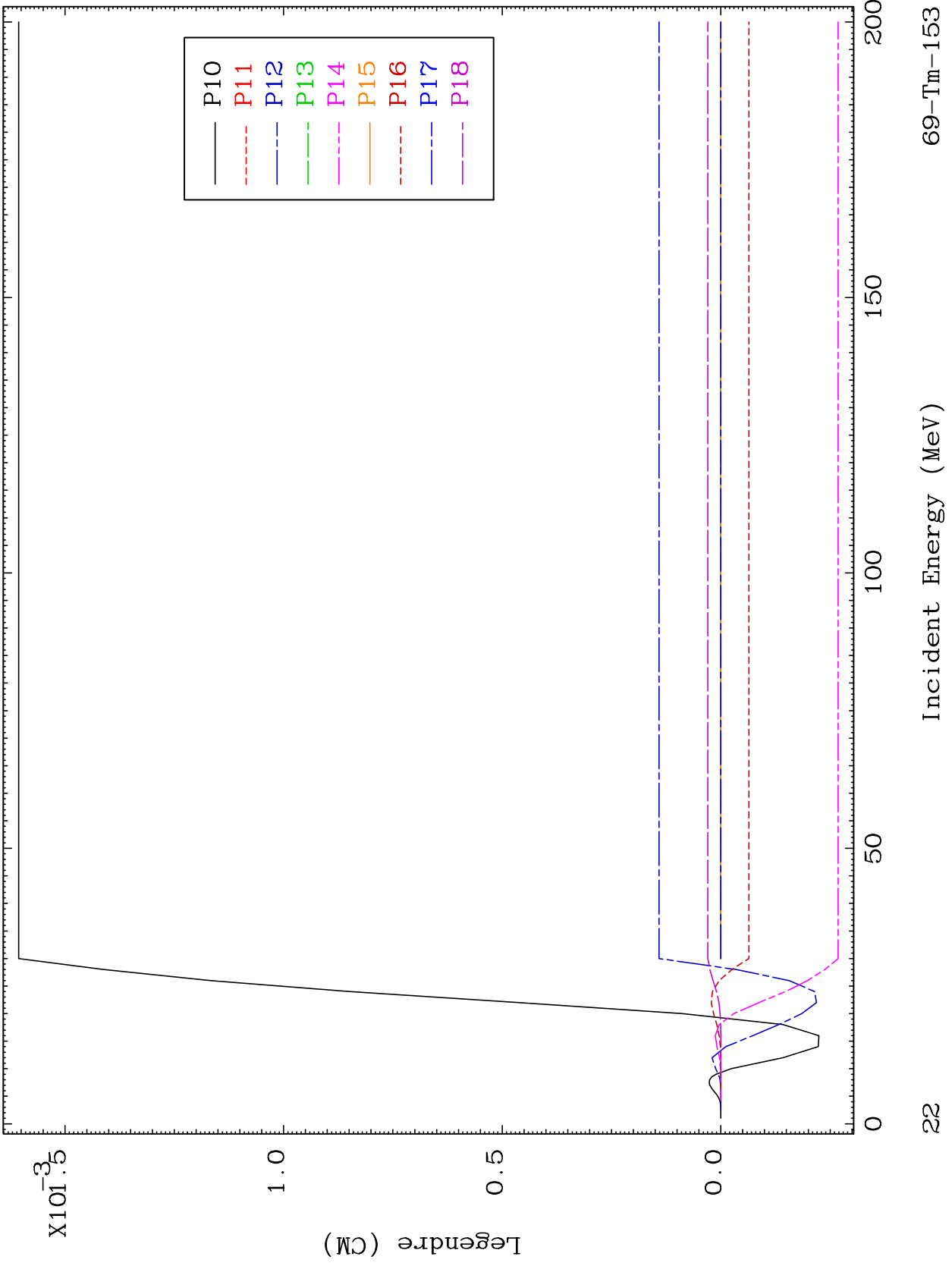
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MAT 6877

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

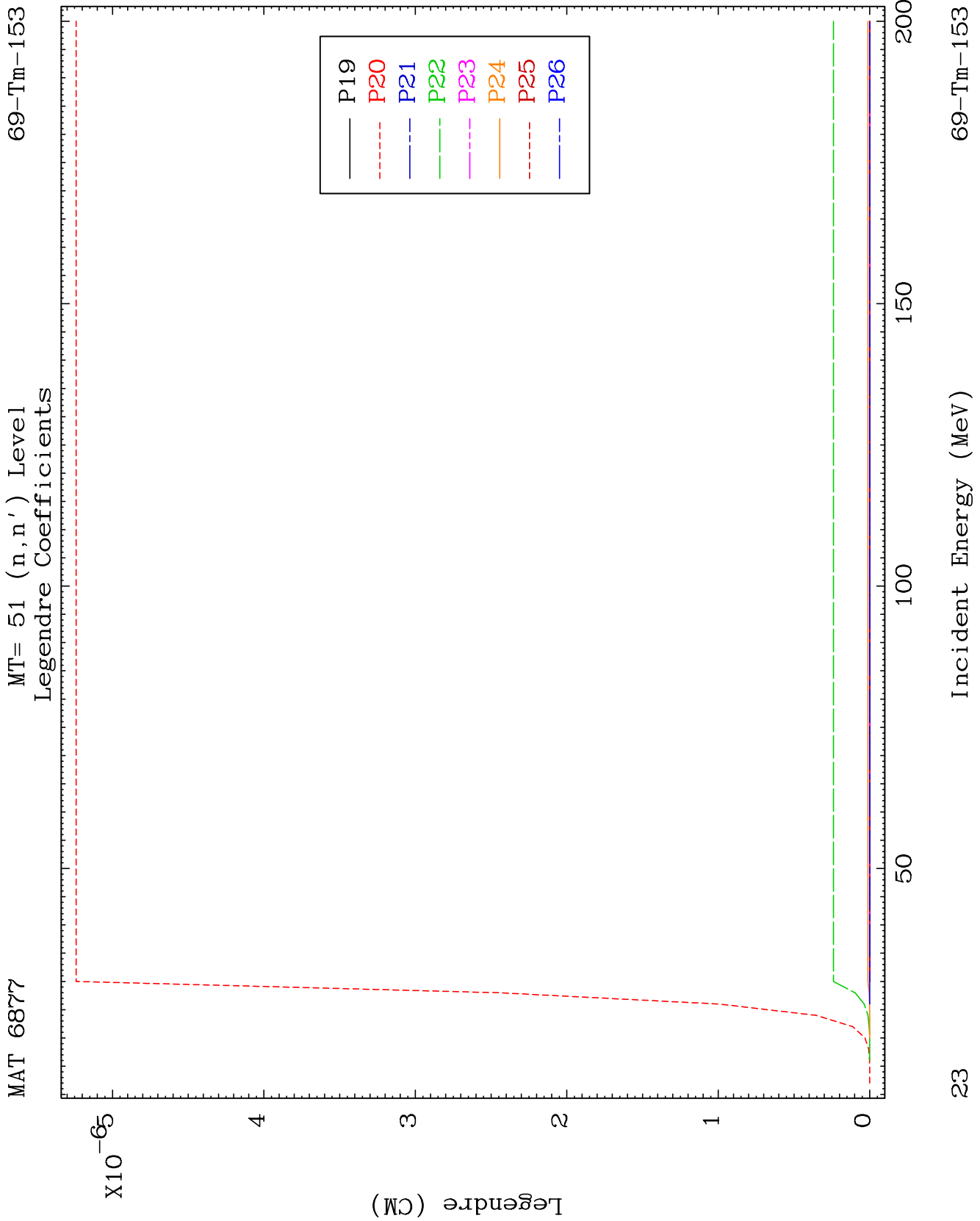
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22

Incident Energy (MeV)

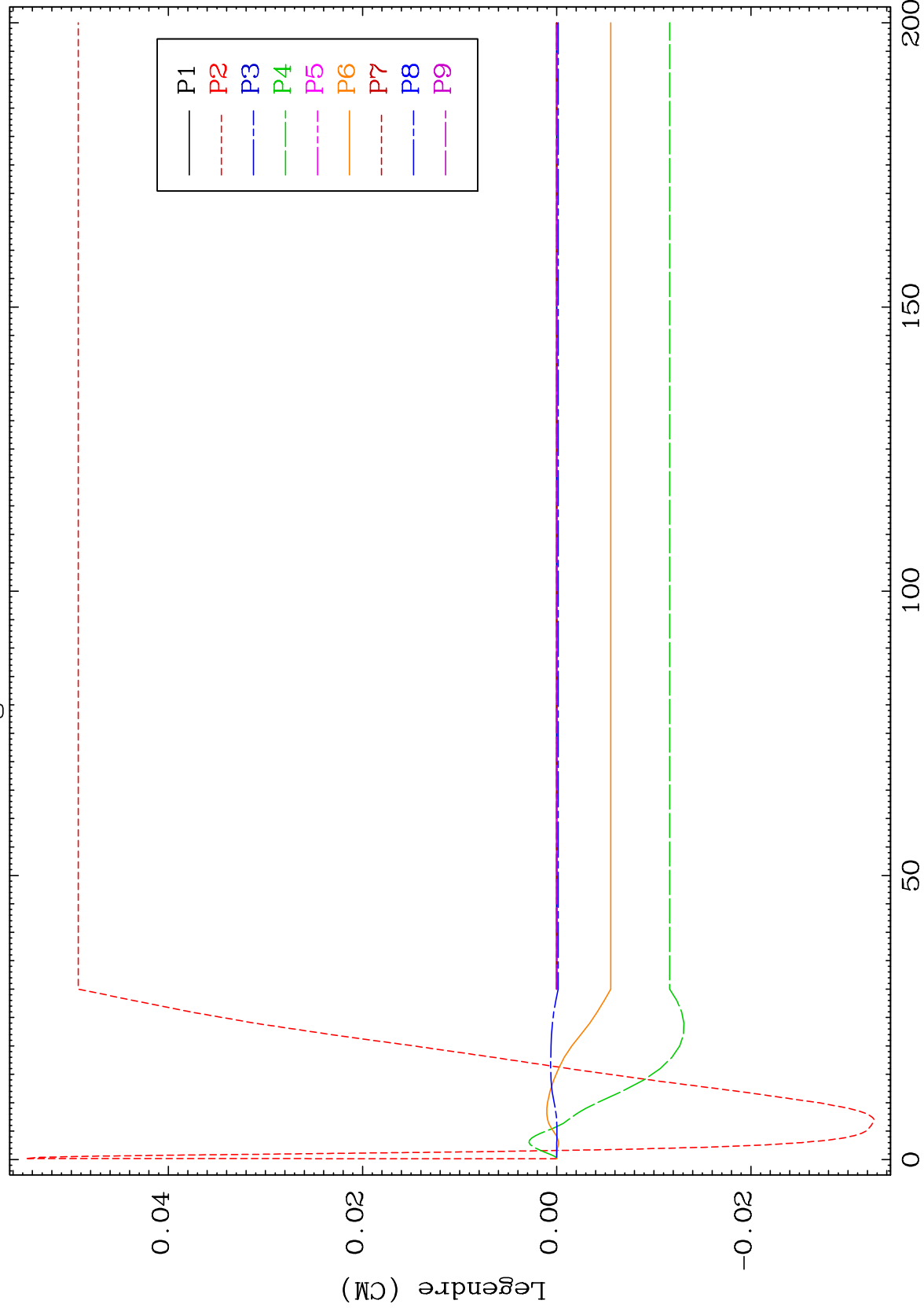
69-Tm-153



MAT 6877

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

69-Tm-153



24

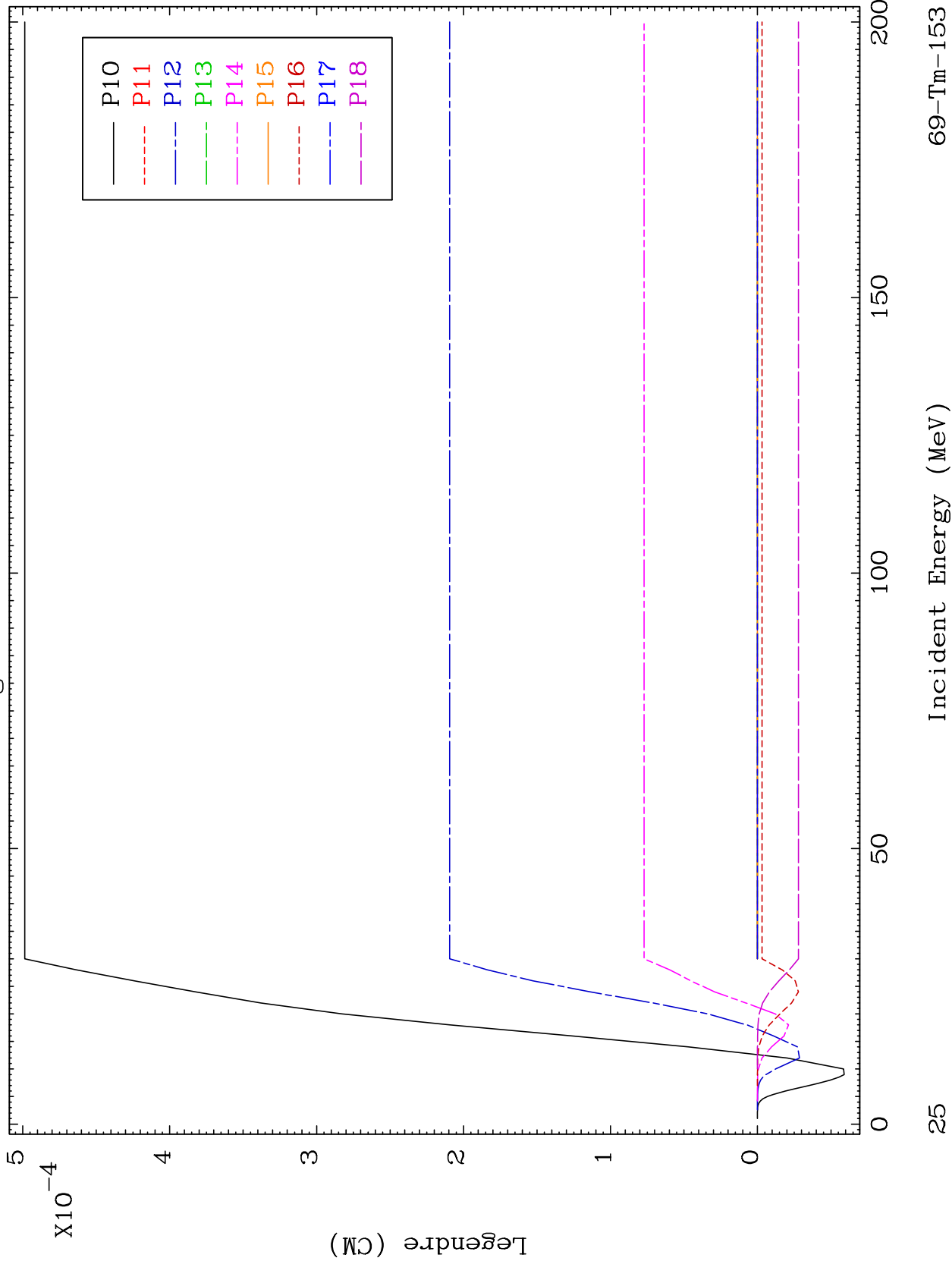
Incident Energy (MeV)

69-Tm-153

MAT 6877

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

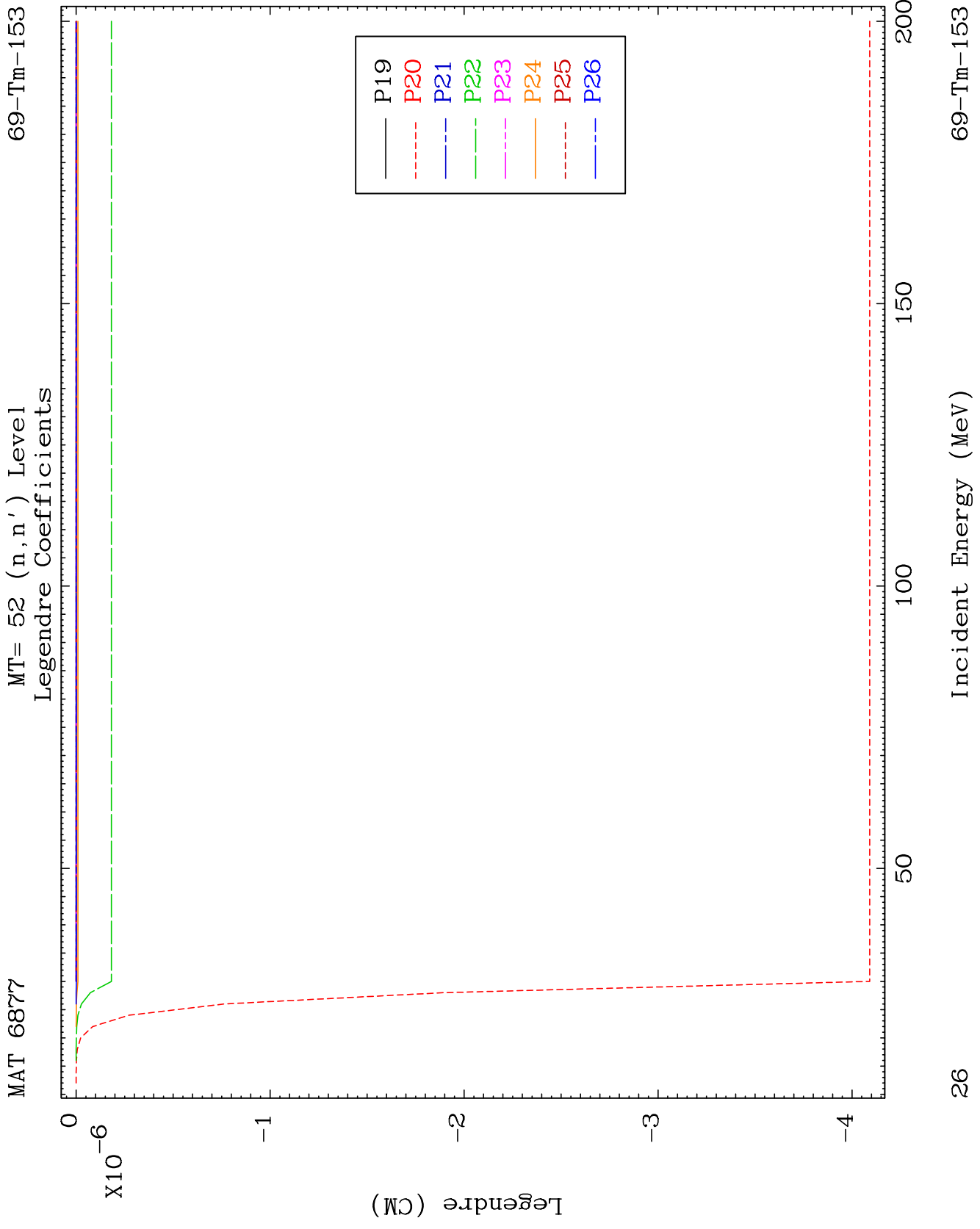
69-Tm-153



25

Incident Energy (MeV)

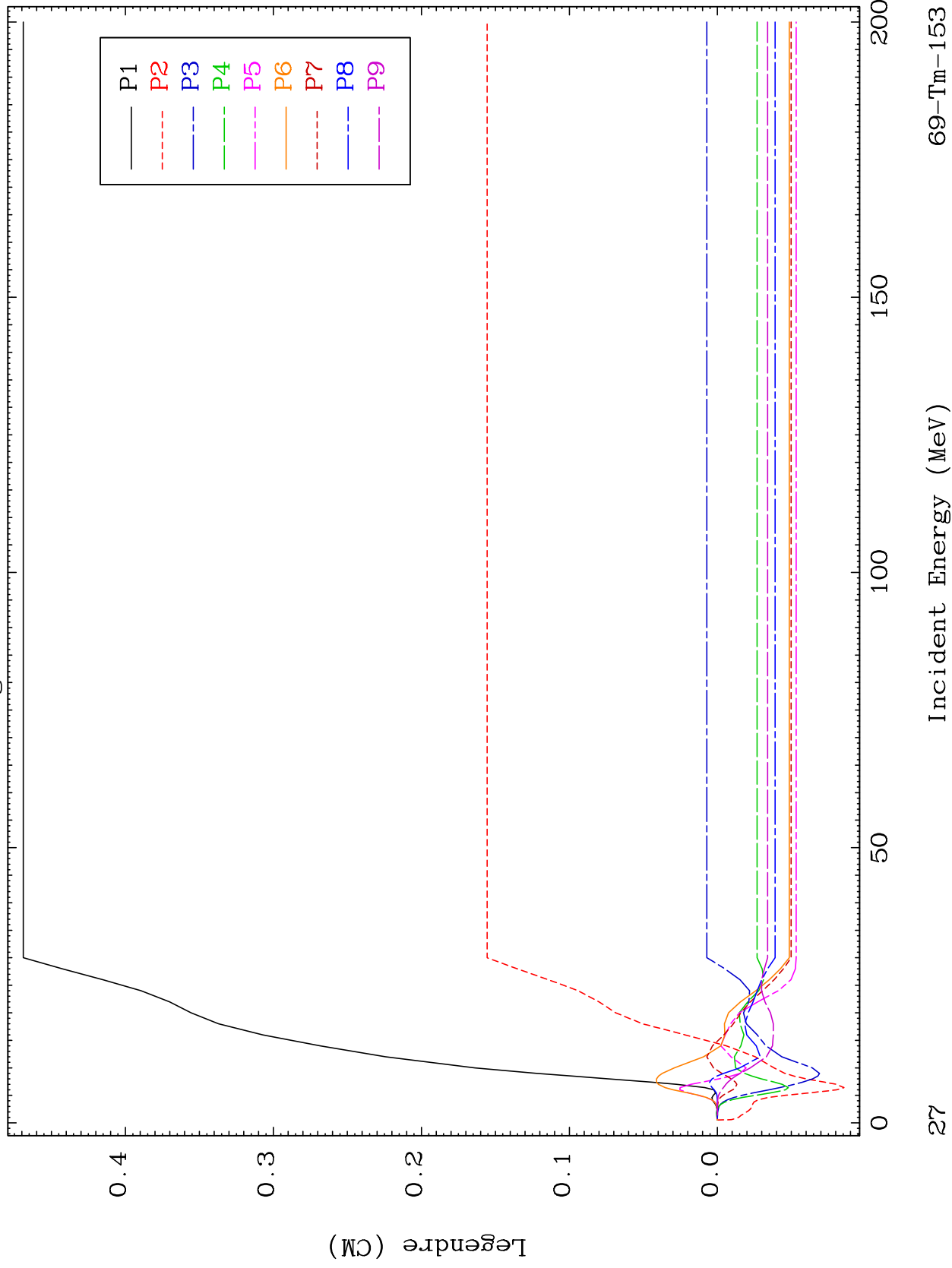
69-Tm-153



MAT 6877

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

69-Tm-153



27

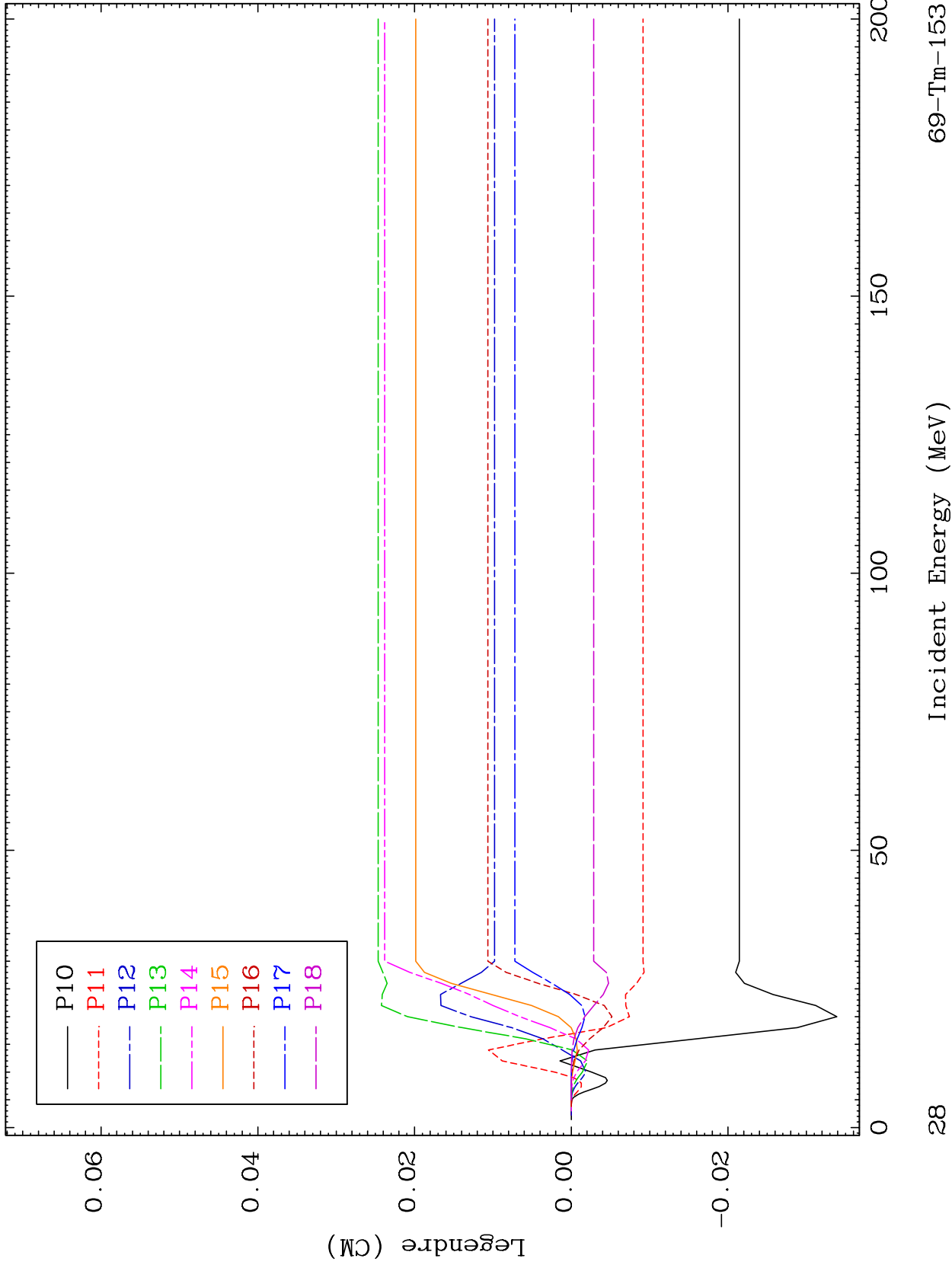
Incident Energy (MeV)

69-Tm-153

MAT 6877

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

69-Tm-153



28

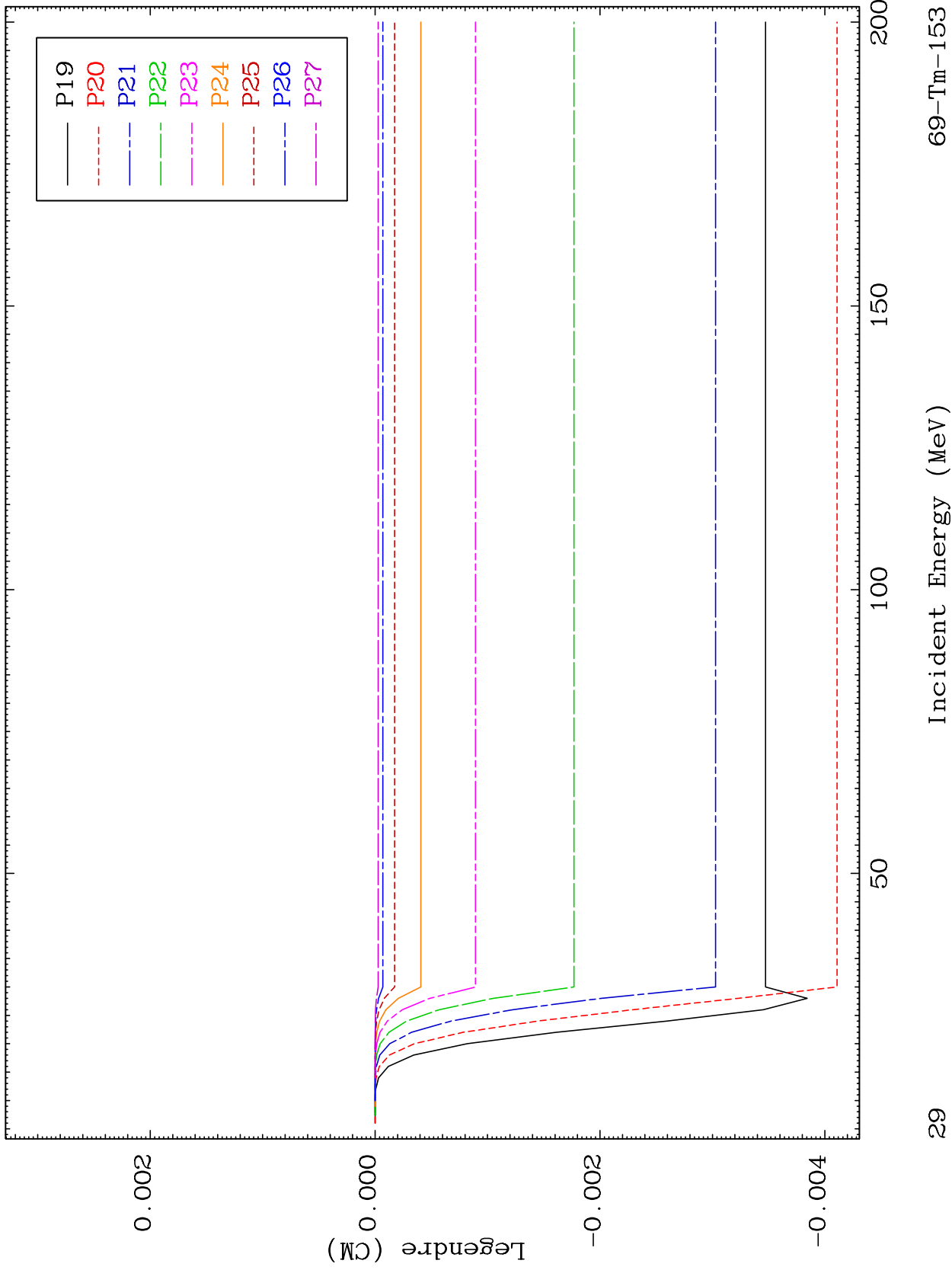
Incident Energy (MeV)

69-Tm-153

MAT 6877

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

69-Tm-153



29

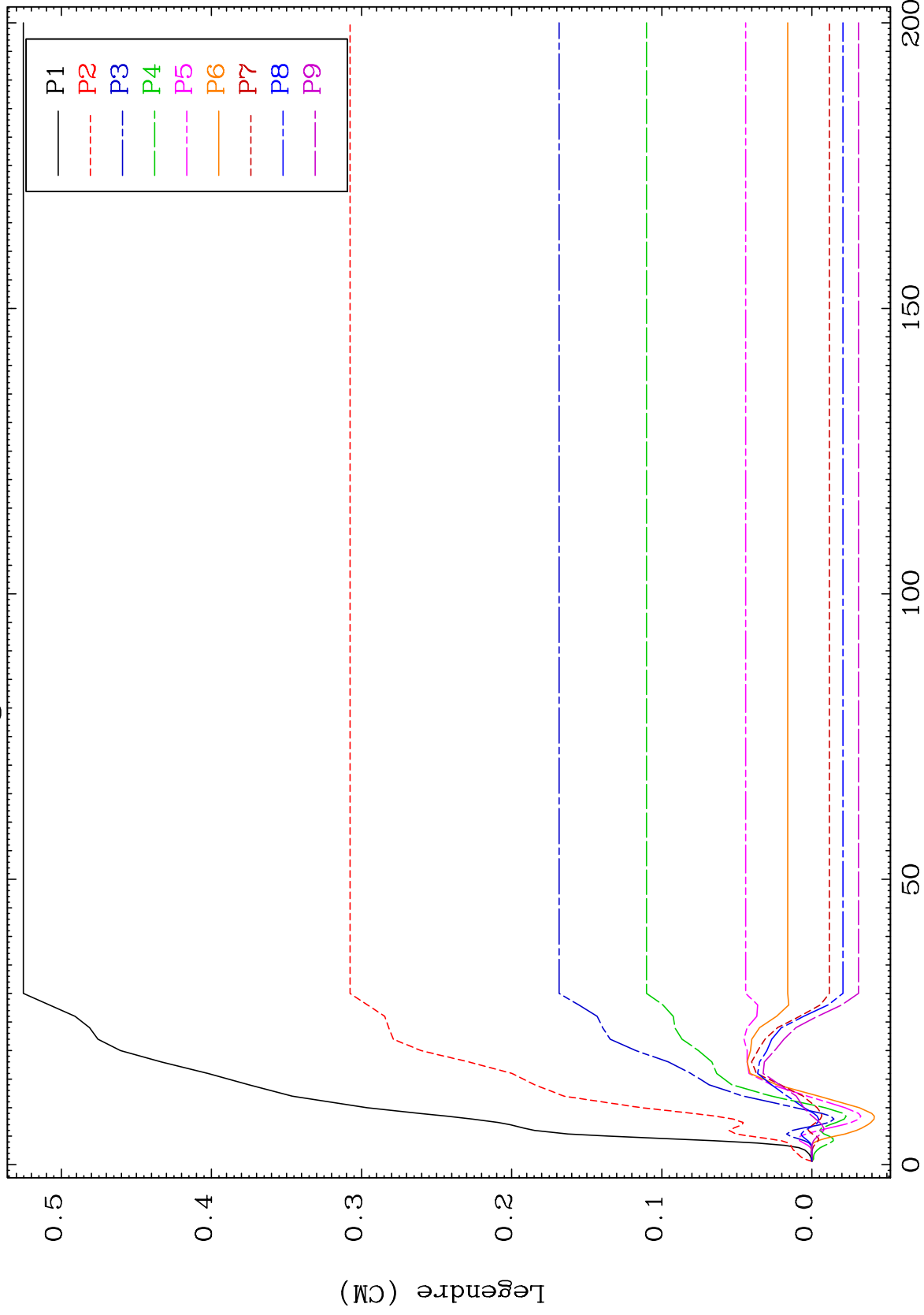
Incident Energy (MeV)

69-Tm-153

MAT 6877

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

69-Tm-153



31

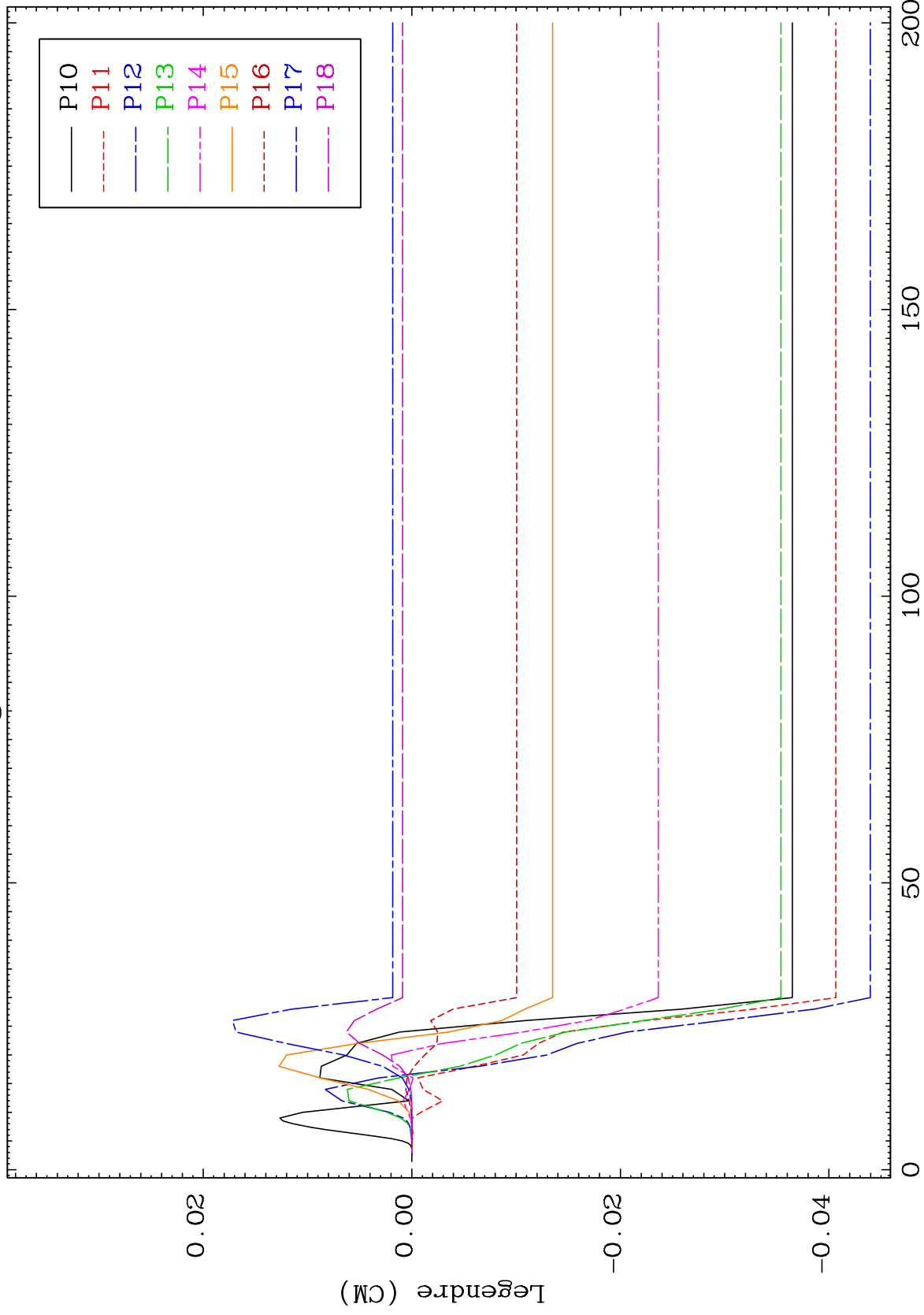
Incident Energy (MeV)

69-Tm-153

MAT 6877

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

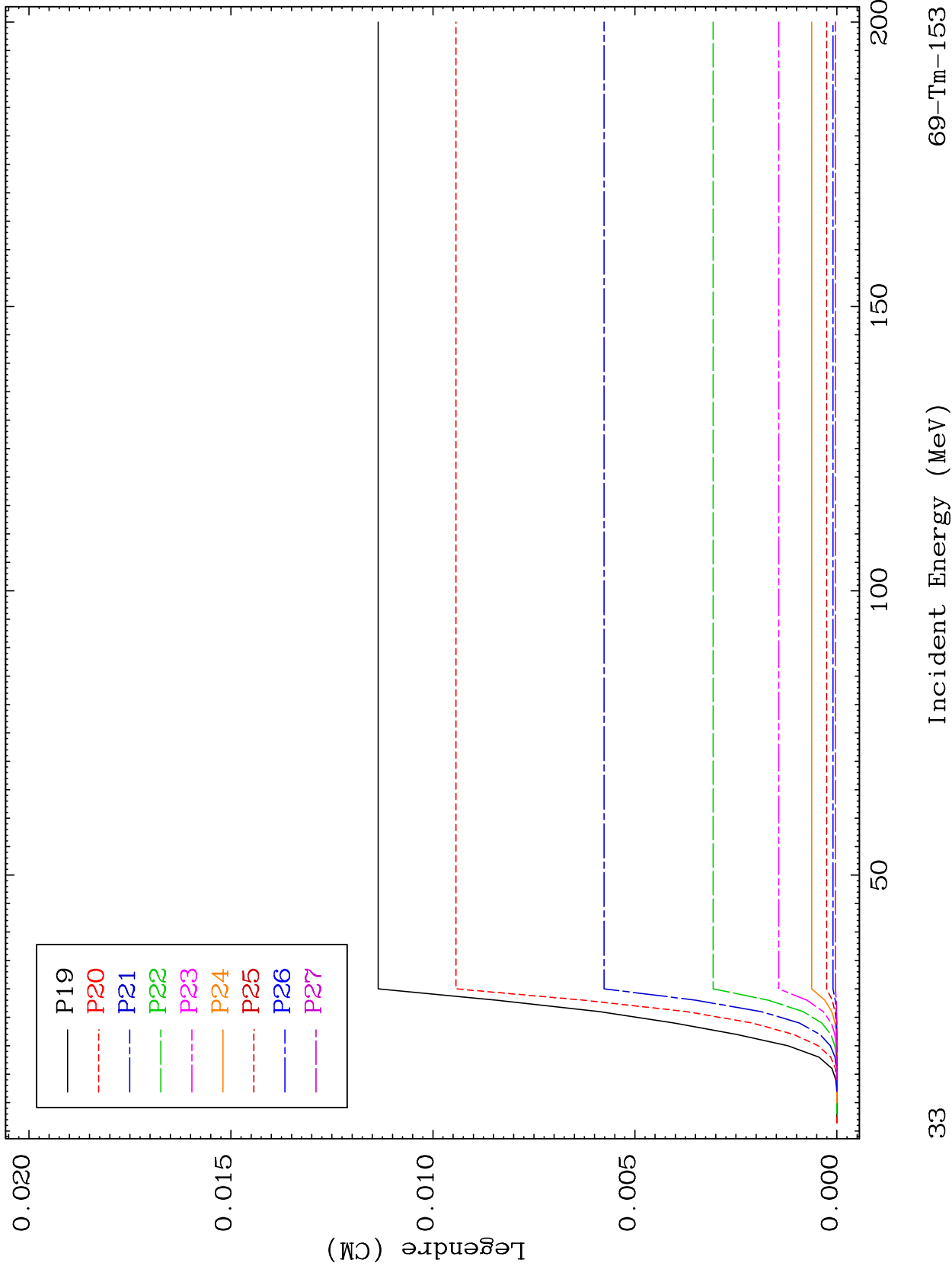
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32

Incident Energy (MeV)

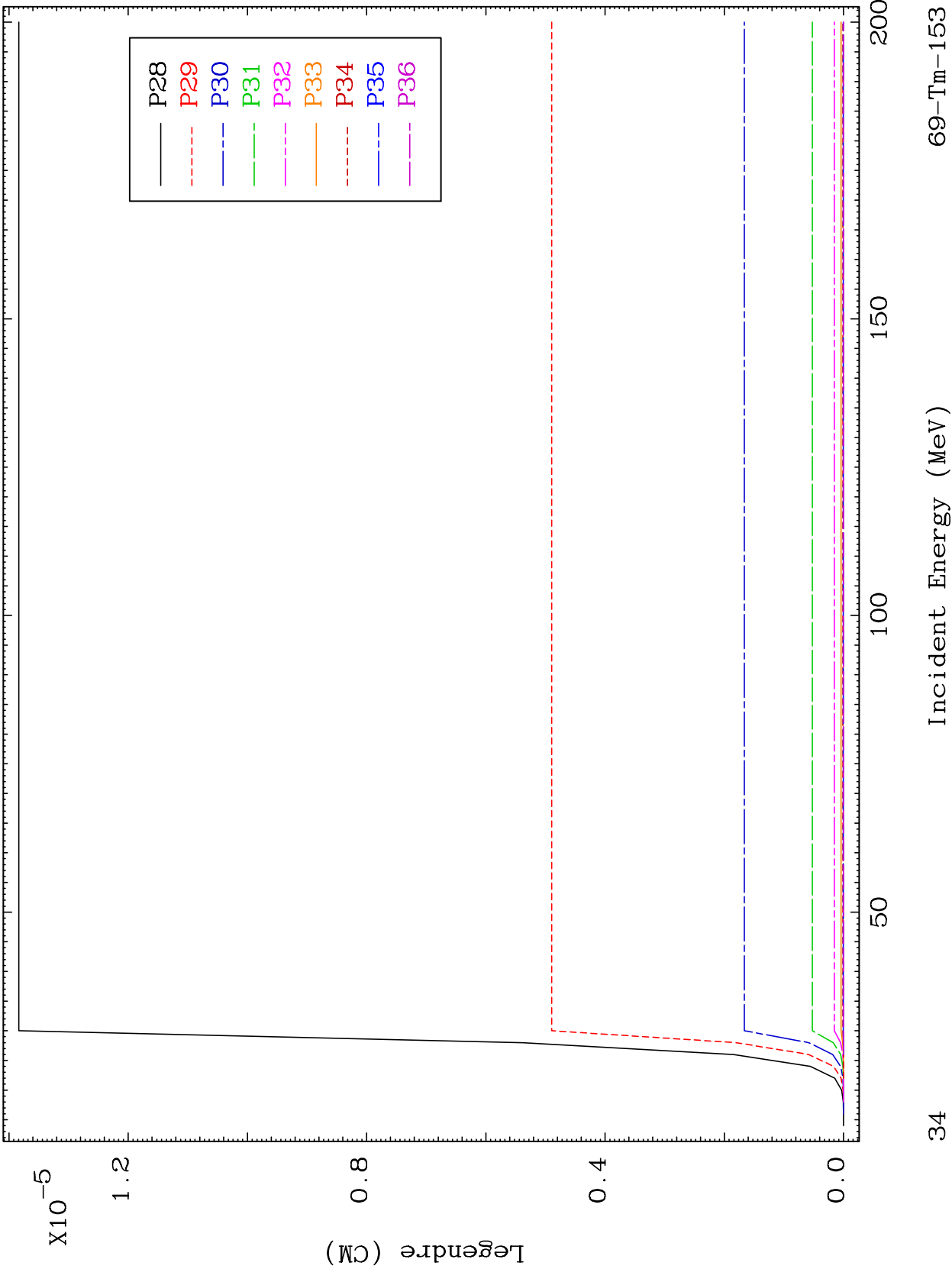
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MAT 6877

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

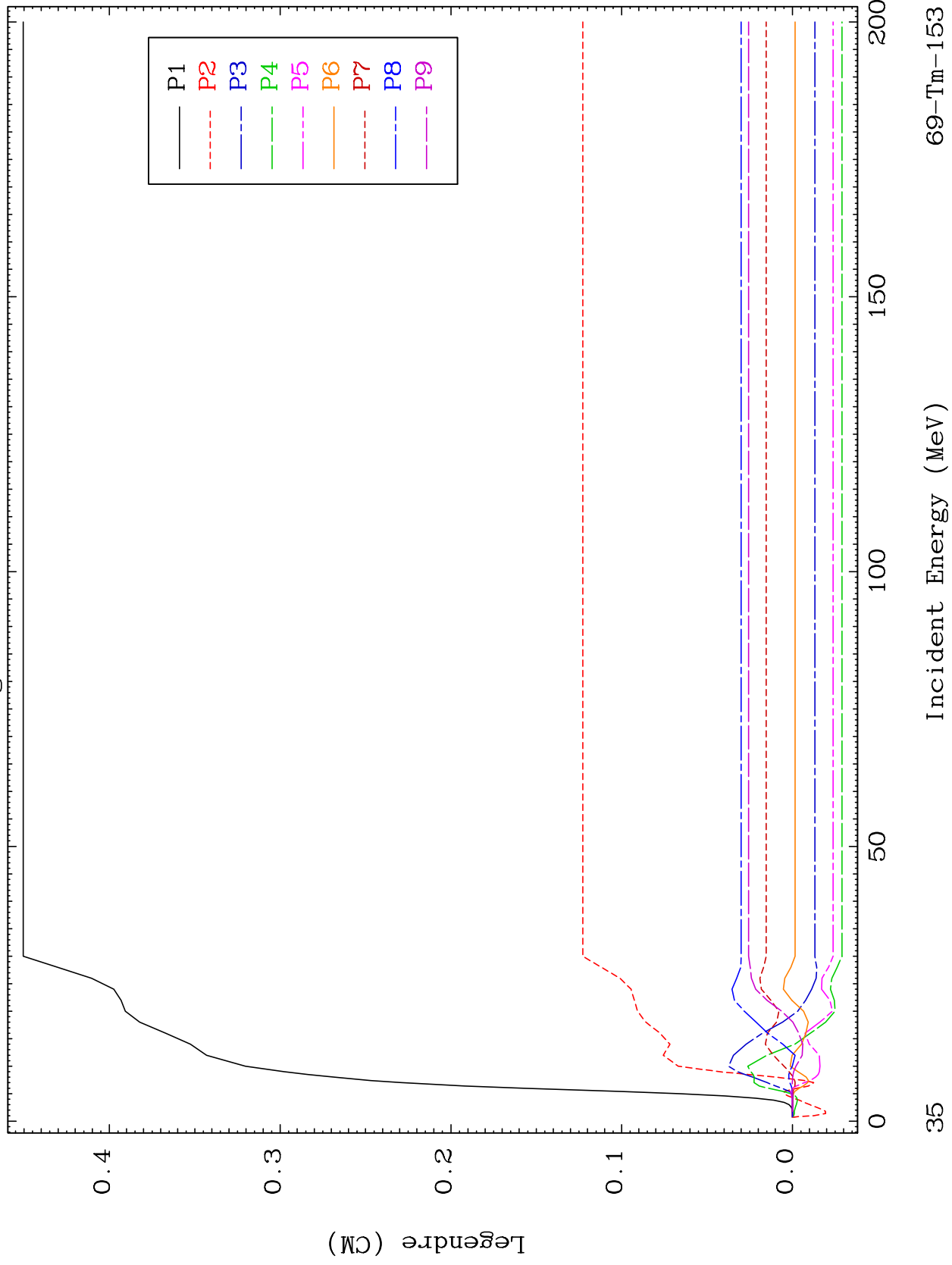
69-Tm-153



MAT 6877

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

69-Tm-153



69-Tm-153

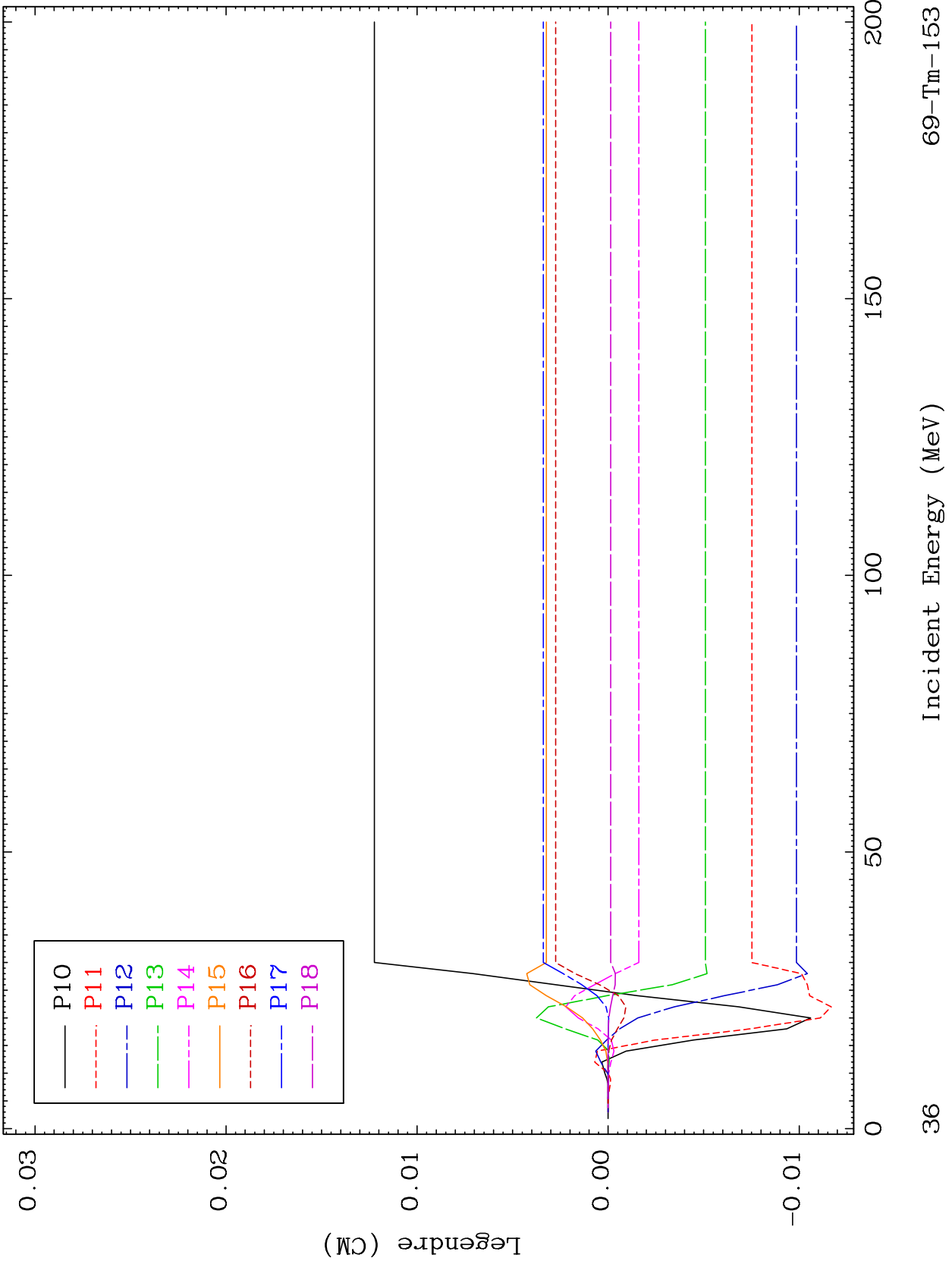
Incident Energy (MeV)

35

MAT 6877

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

69-Tm-153



36

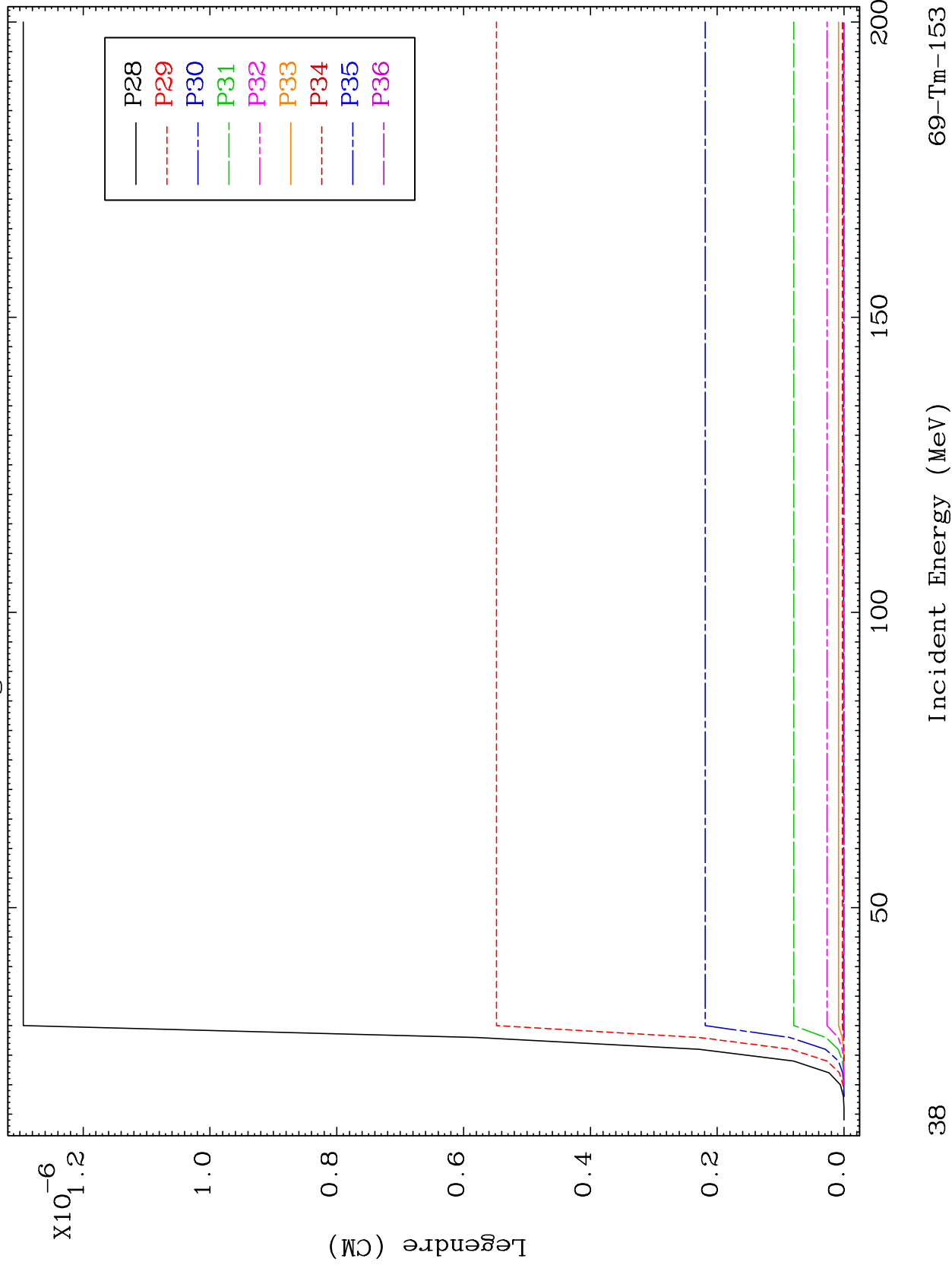
Incident Energy (MeV)

69-Tm-153

MAT 6877

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

69-Tm-153



38

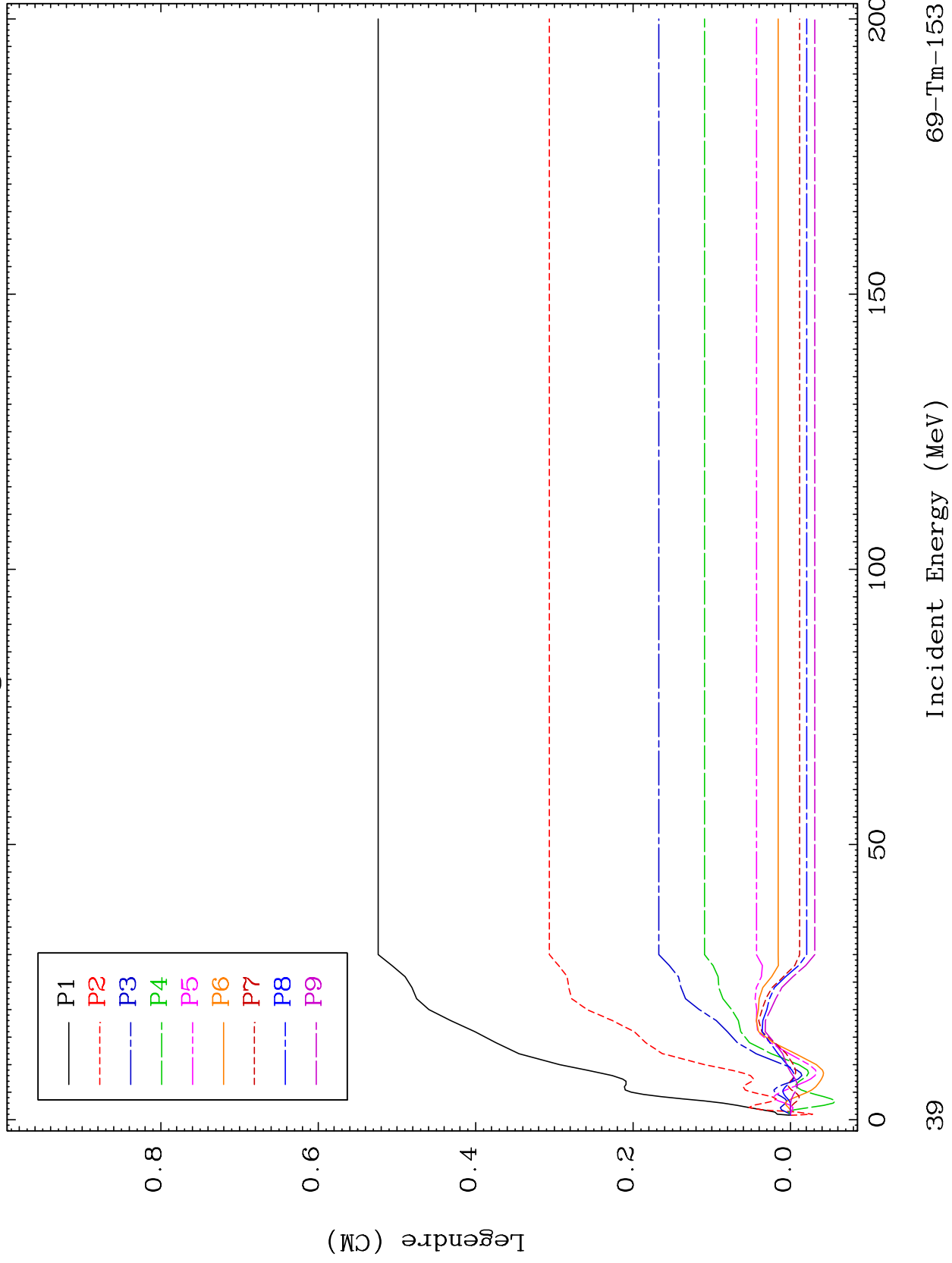
Incident Energy (MeV)

69-Tm-153

MAT 6877

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

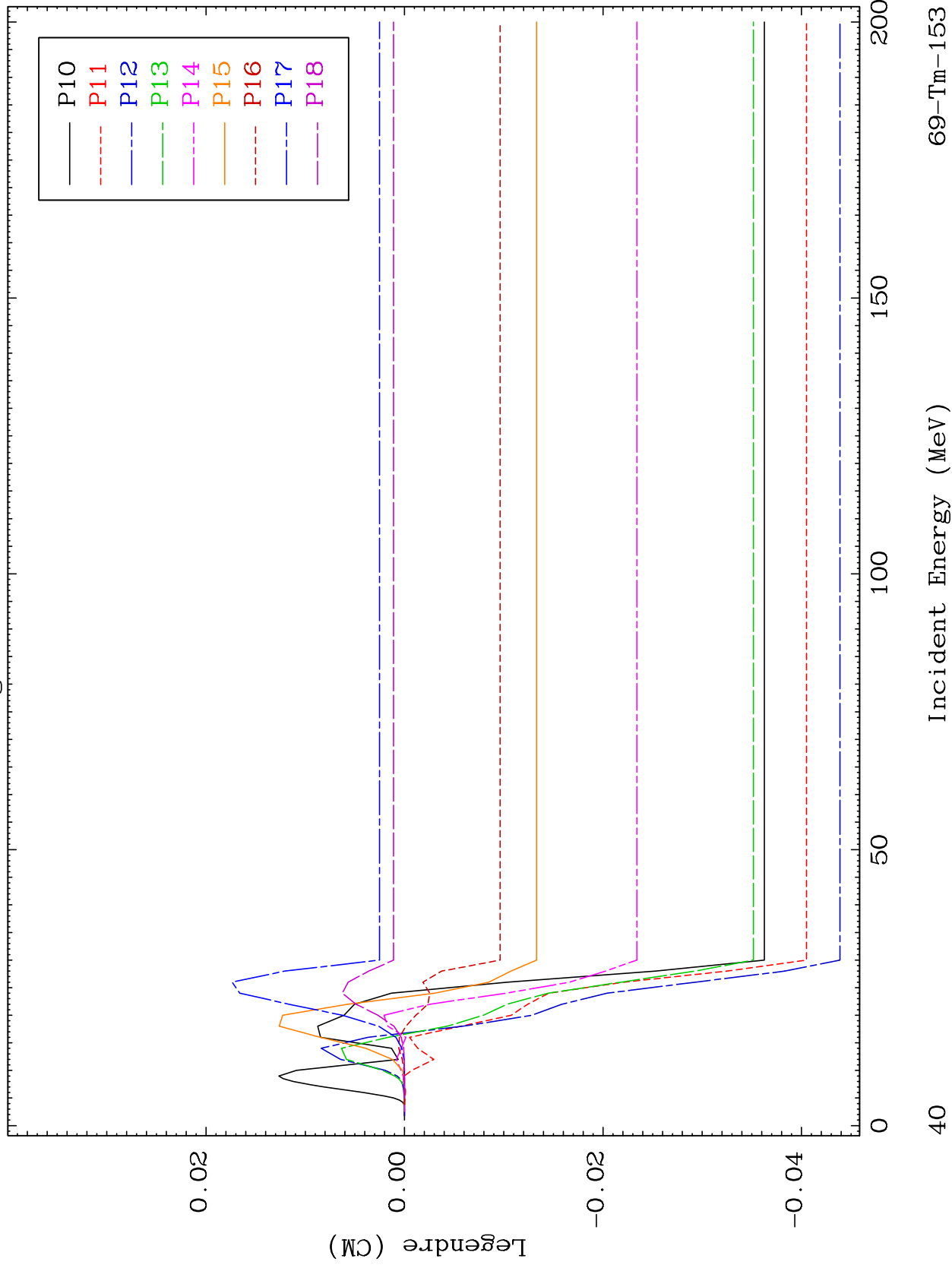
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MAT 6877

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

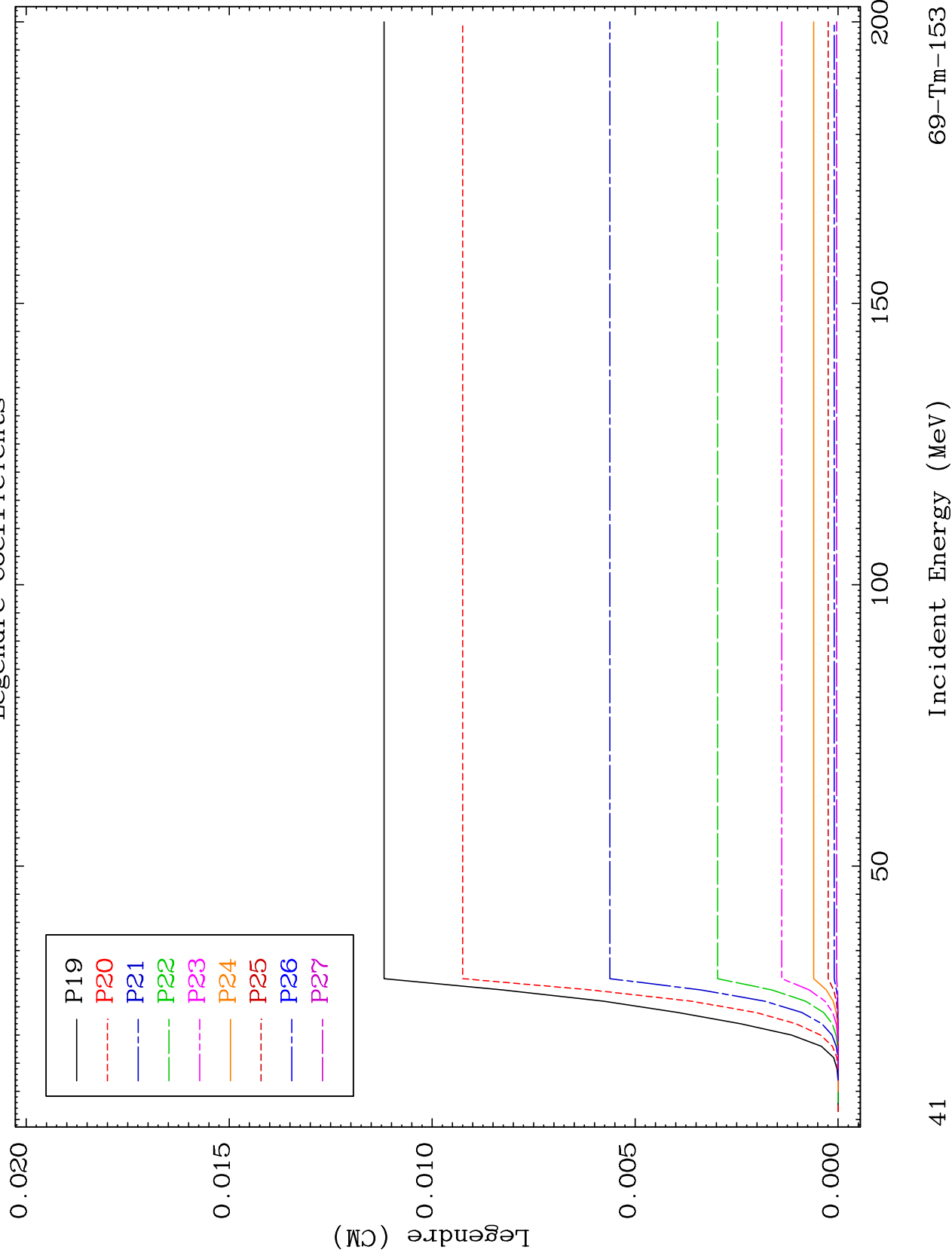
69-Tm-153



69-Tm-153

Incident Energy (MeV)

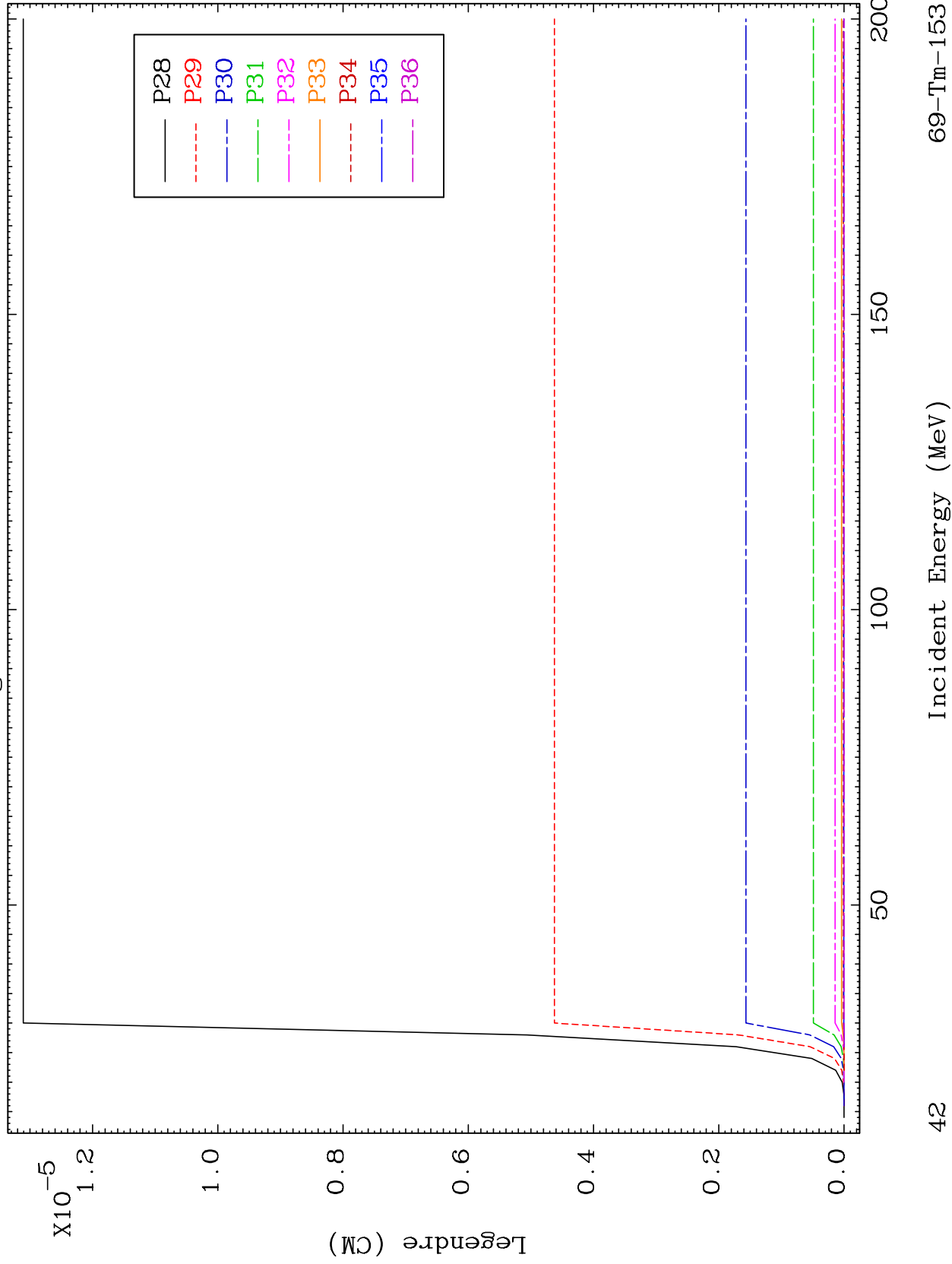
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MAT 6877

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

69-Tm-153



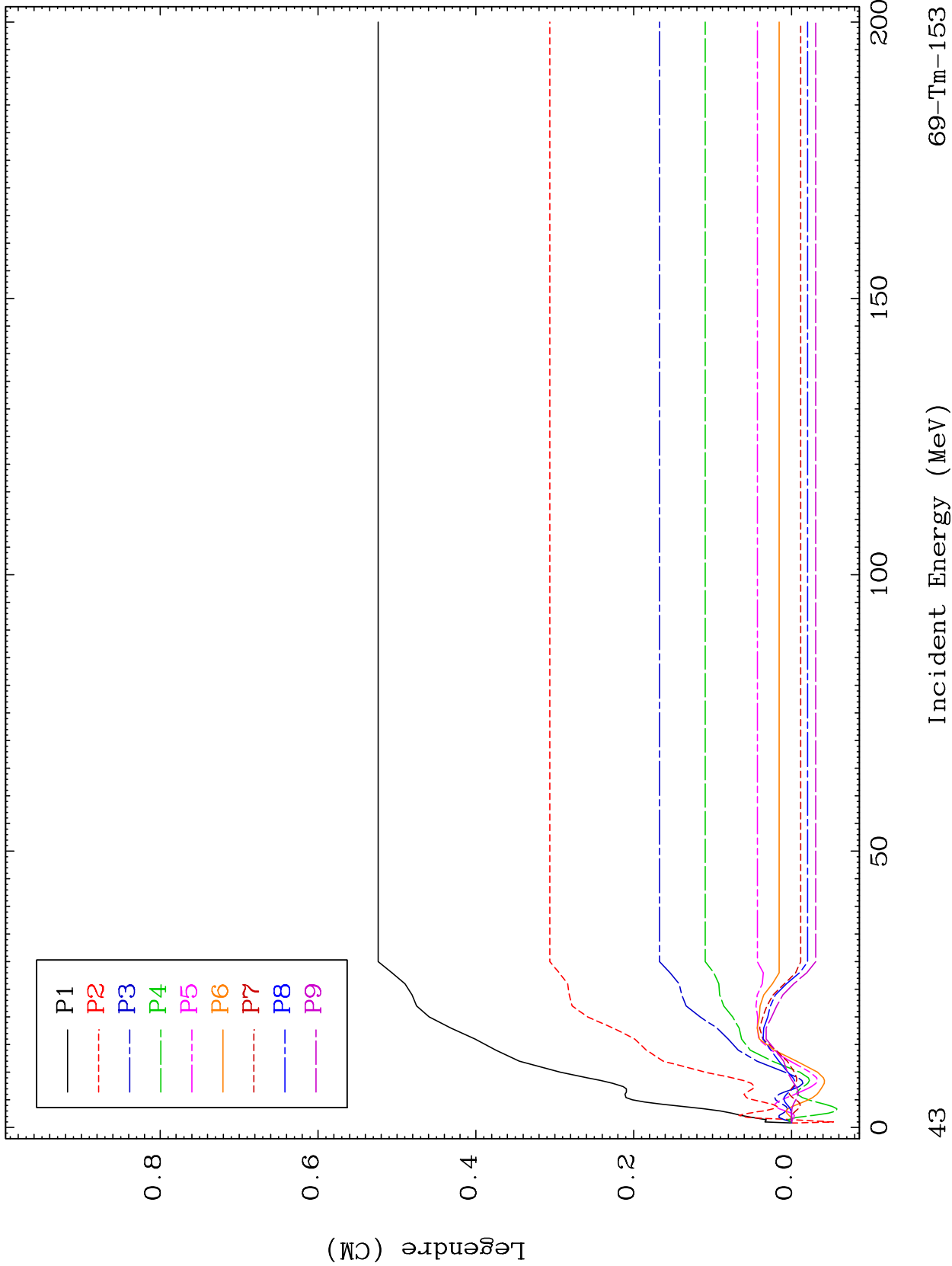
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69-Tm-153

MAT 6877

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

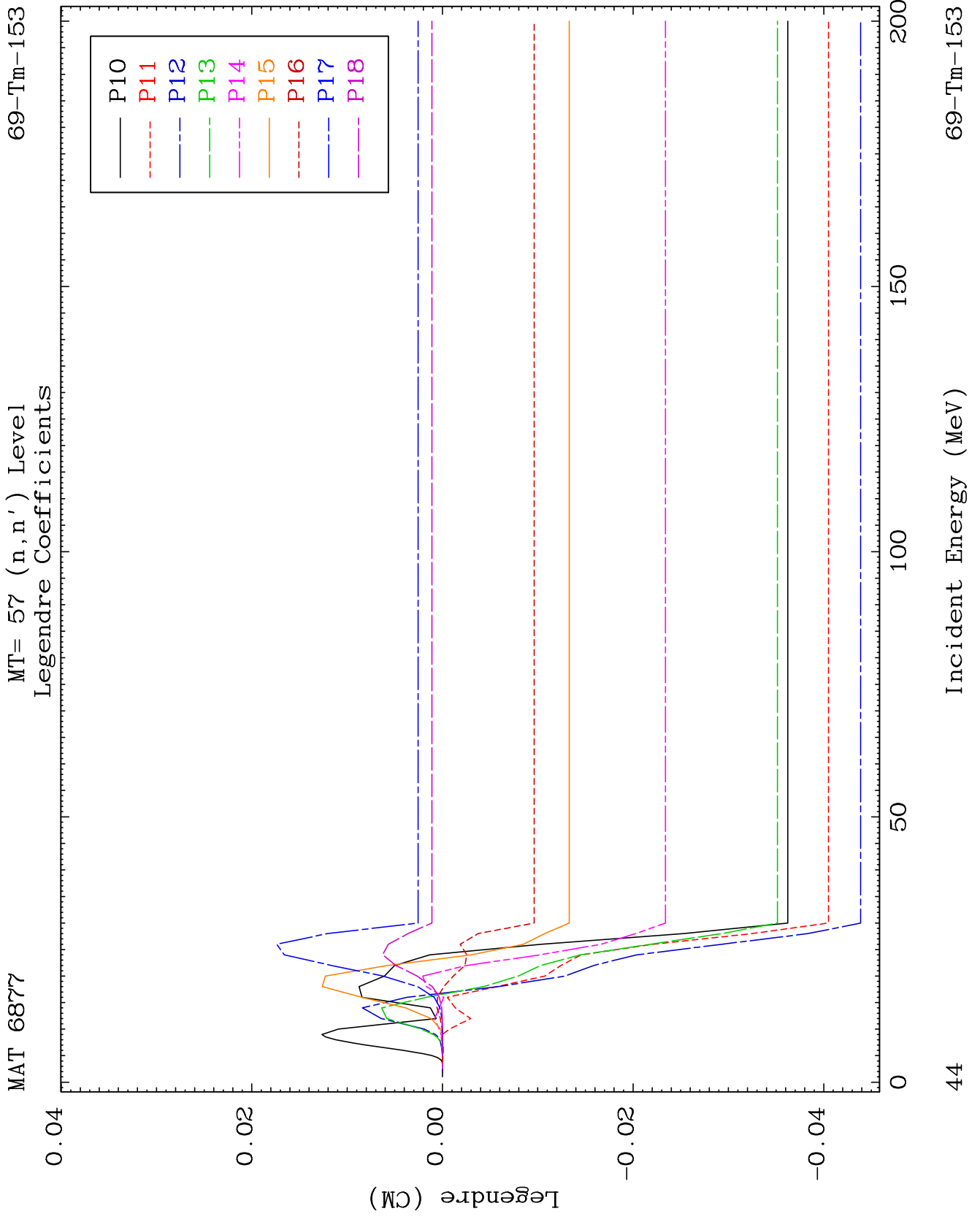
69-Tm-153



69-Tm-153

Incident Energy (MeV)

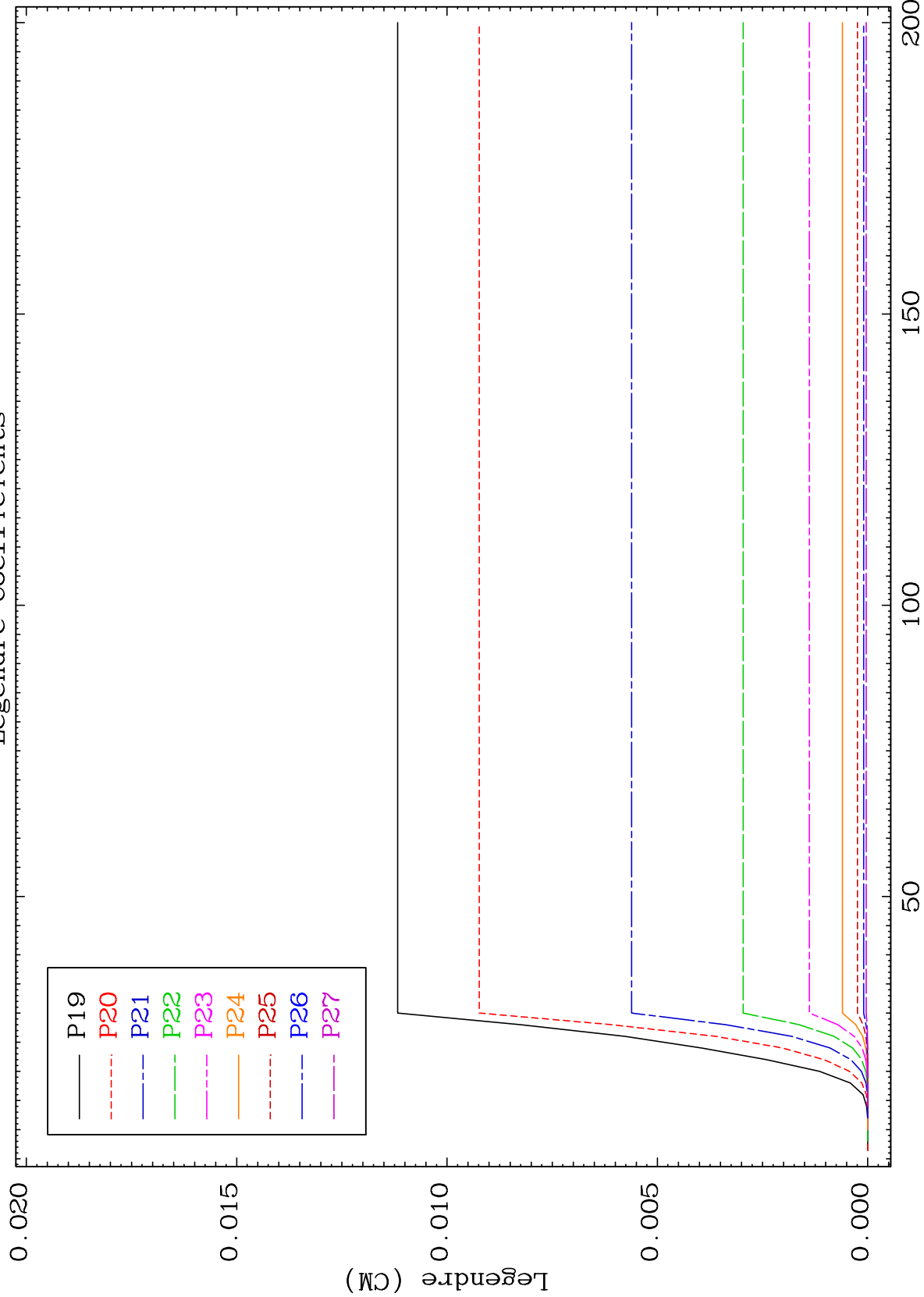
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MAT 6877

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

69-Tm-153



45

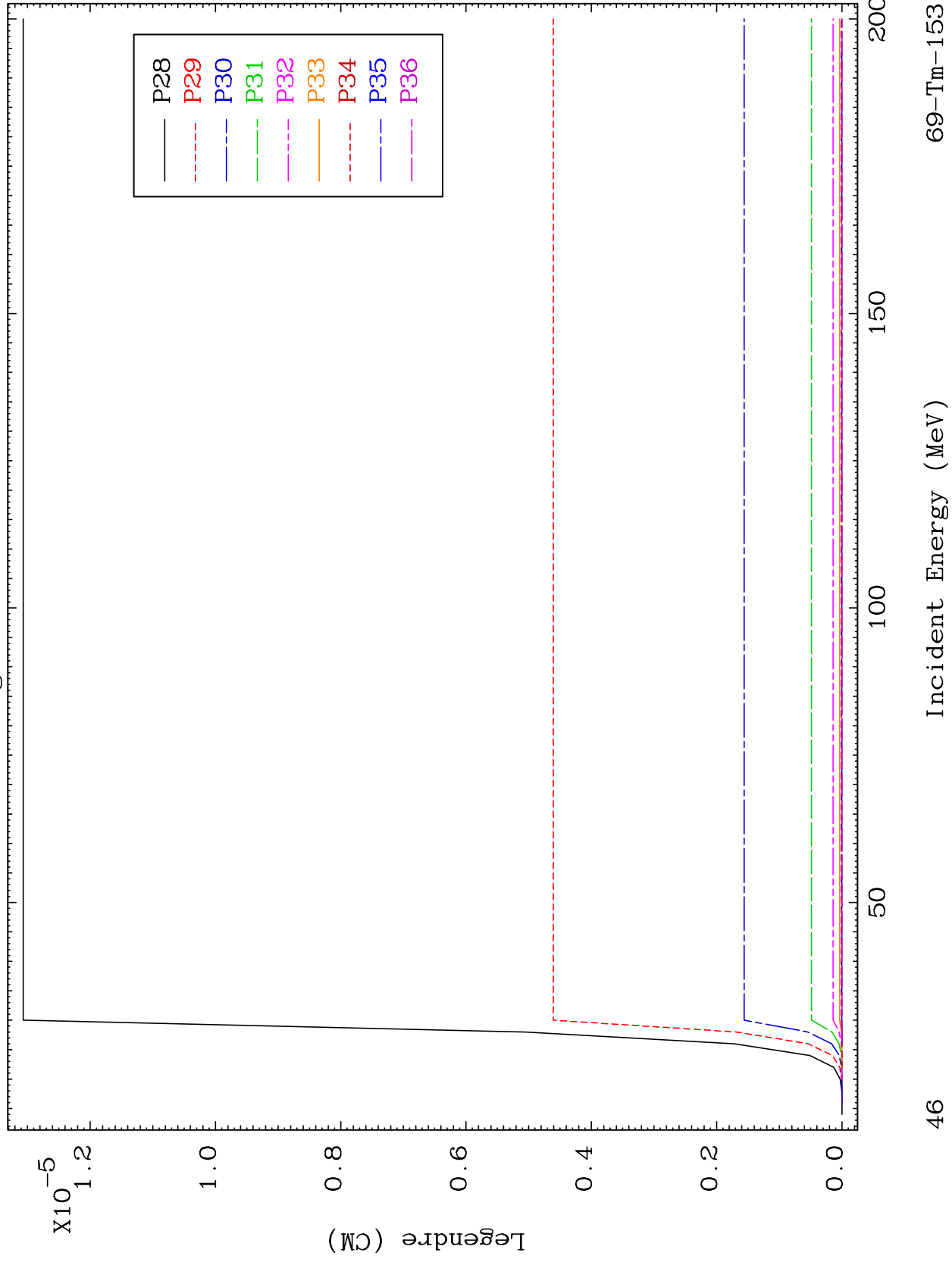
Incident Energy (MeV)

69-Tm-153

MAT 6877

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

69-Tm-153



46

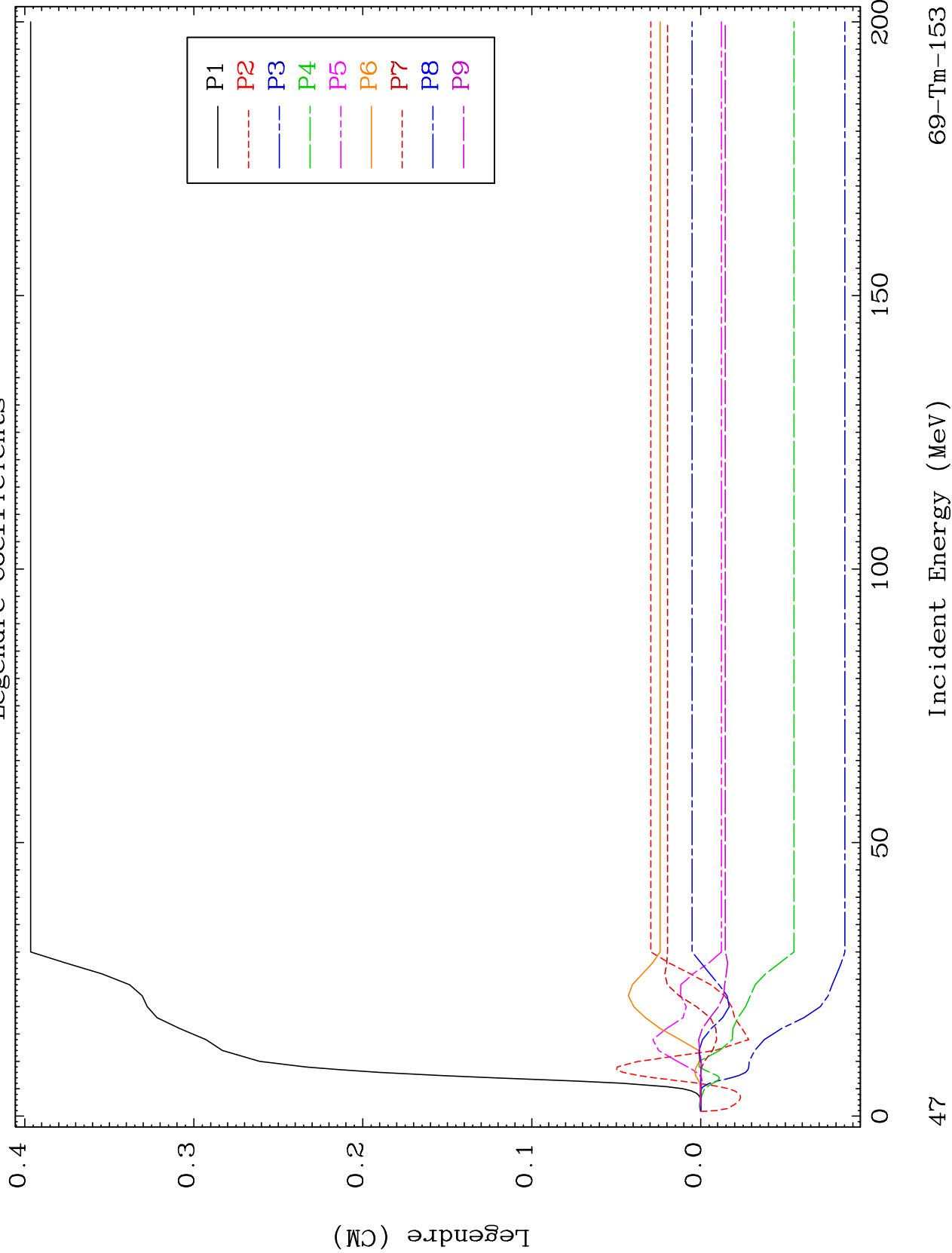
Incident Energy (MeV)

69-Tm-153

MAT 6877

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

69-Tm-153



47

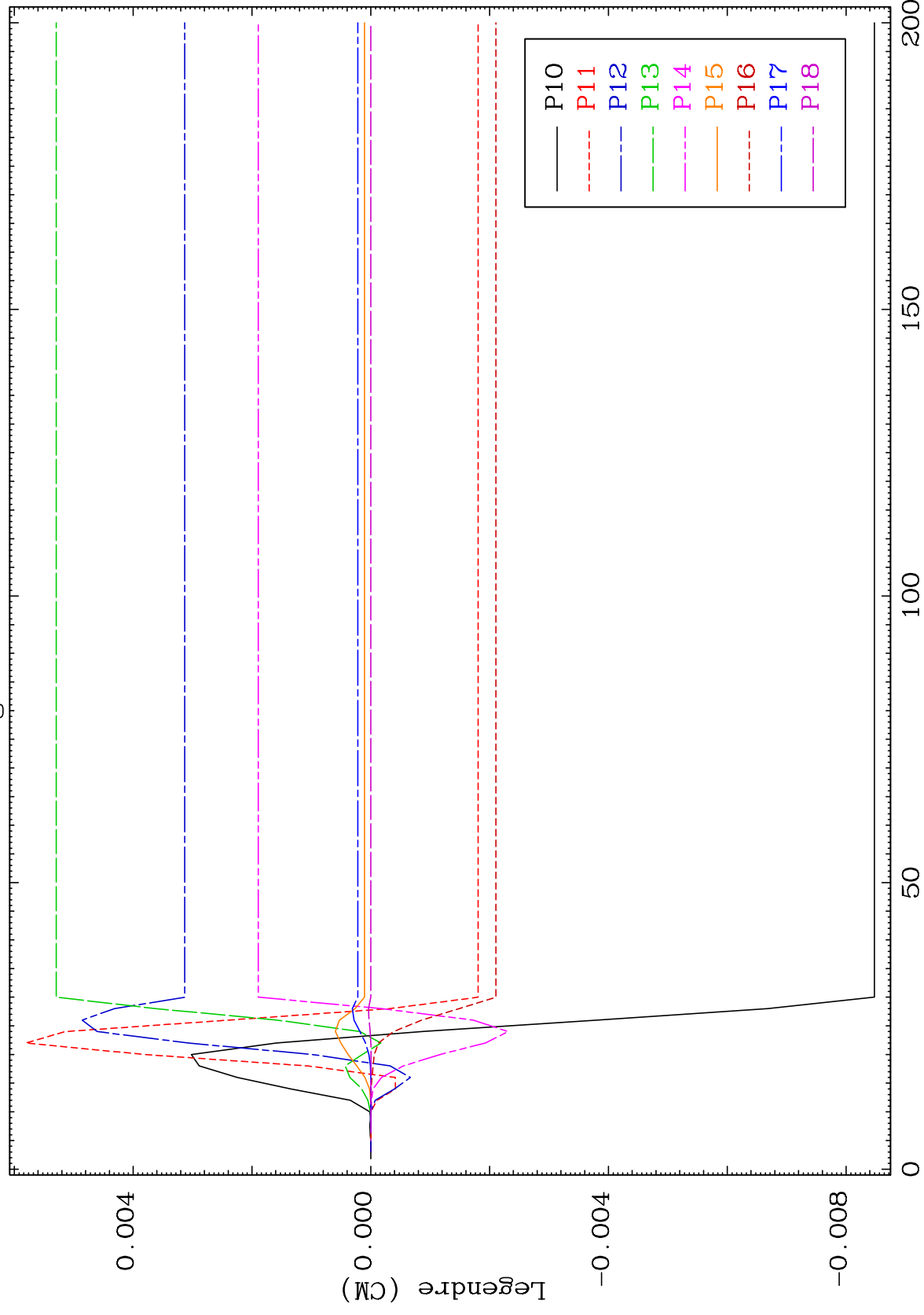
Incident Energy (MeV)

69-Tm-153

MAT 6877

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

69-Tm-153



48

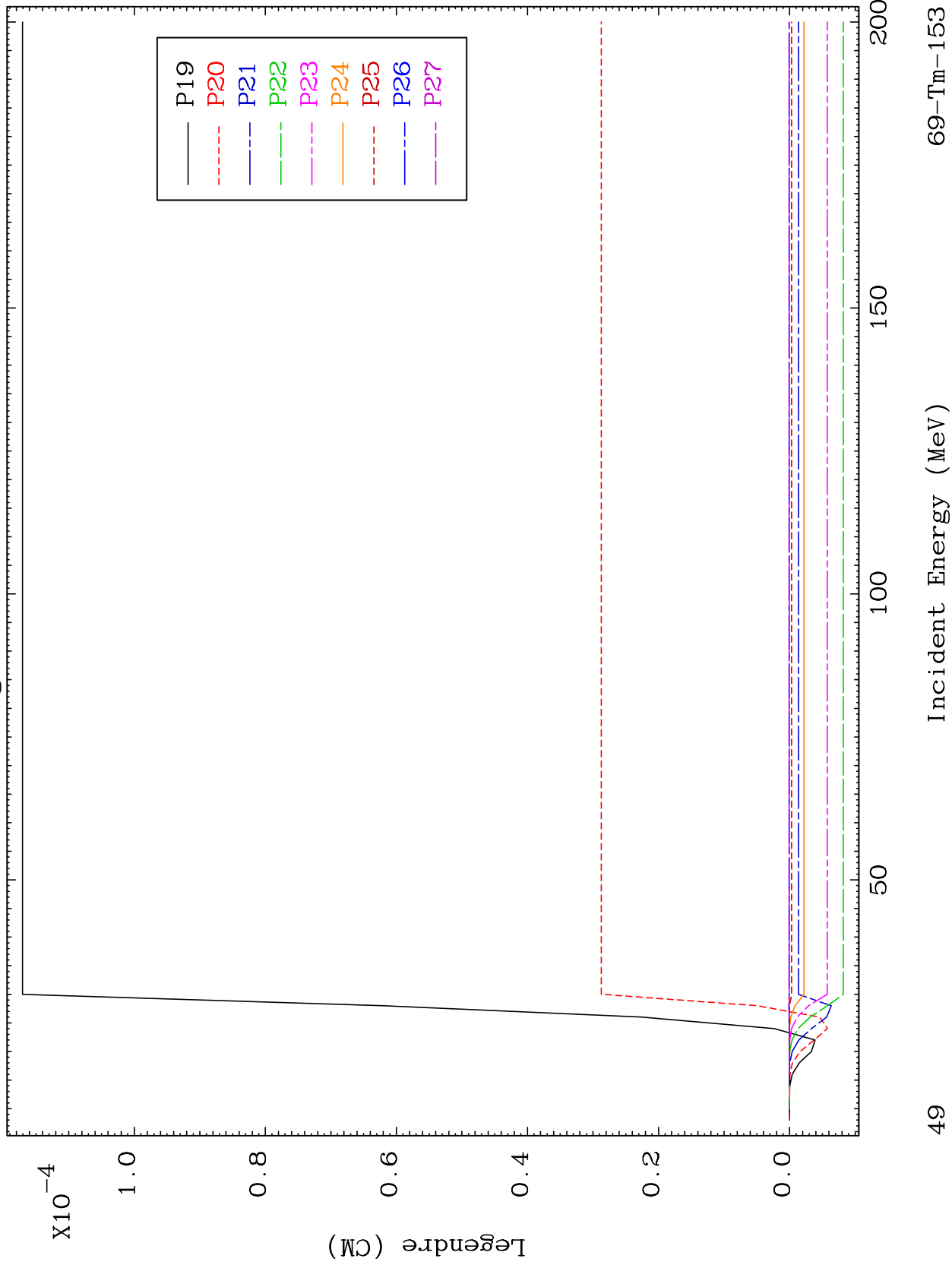
Incident Energy (MeV)

69-Tm-153

MAT 6877

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

69-Tm-153



49

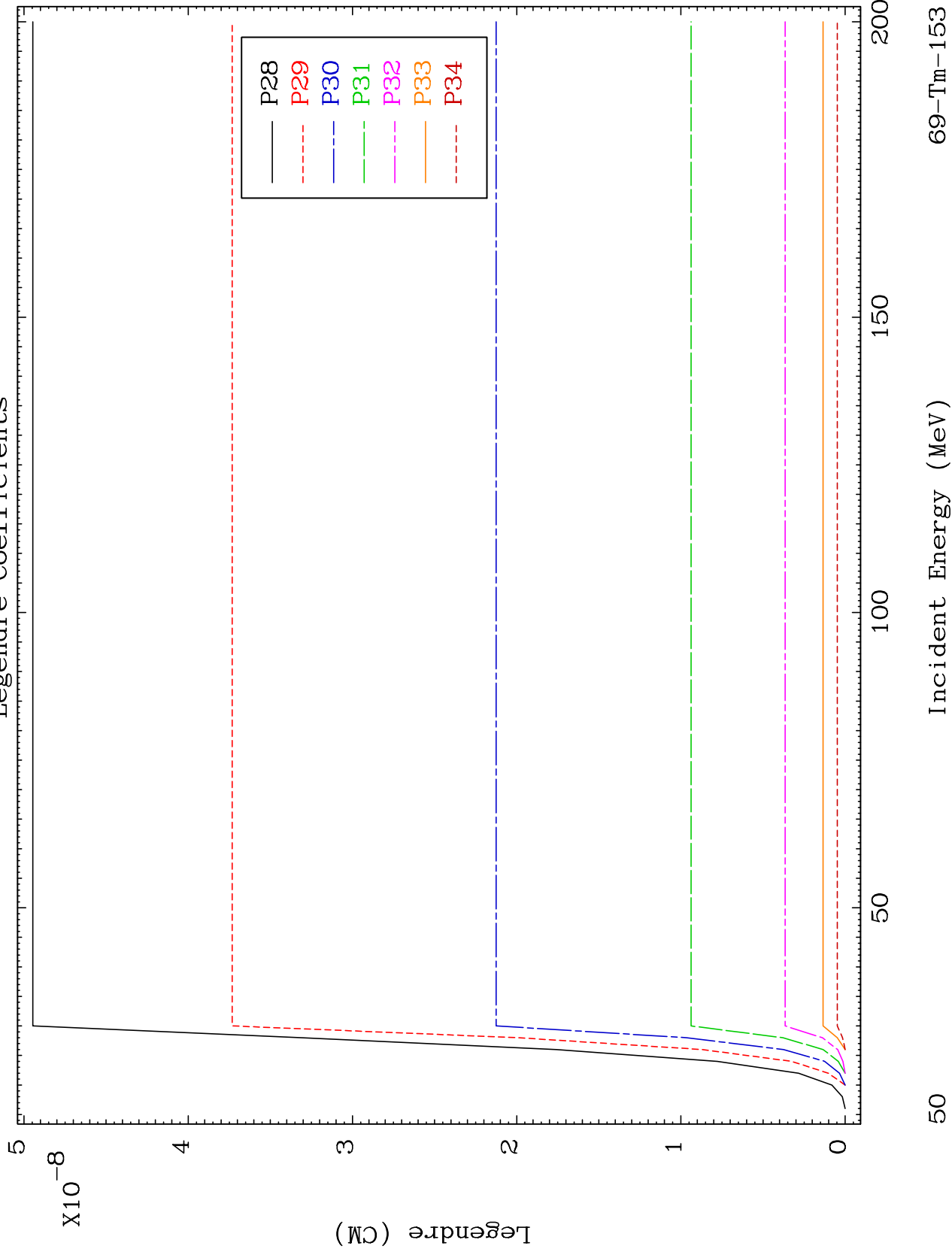
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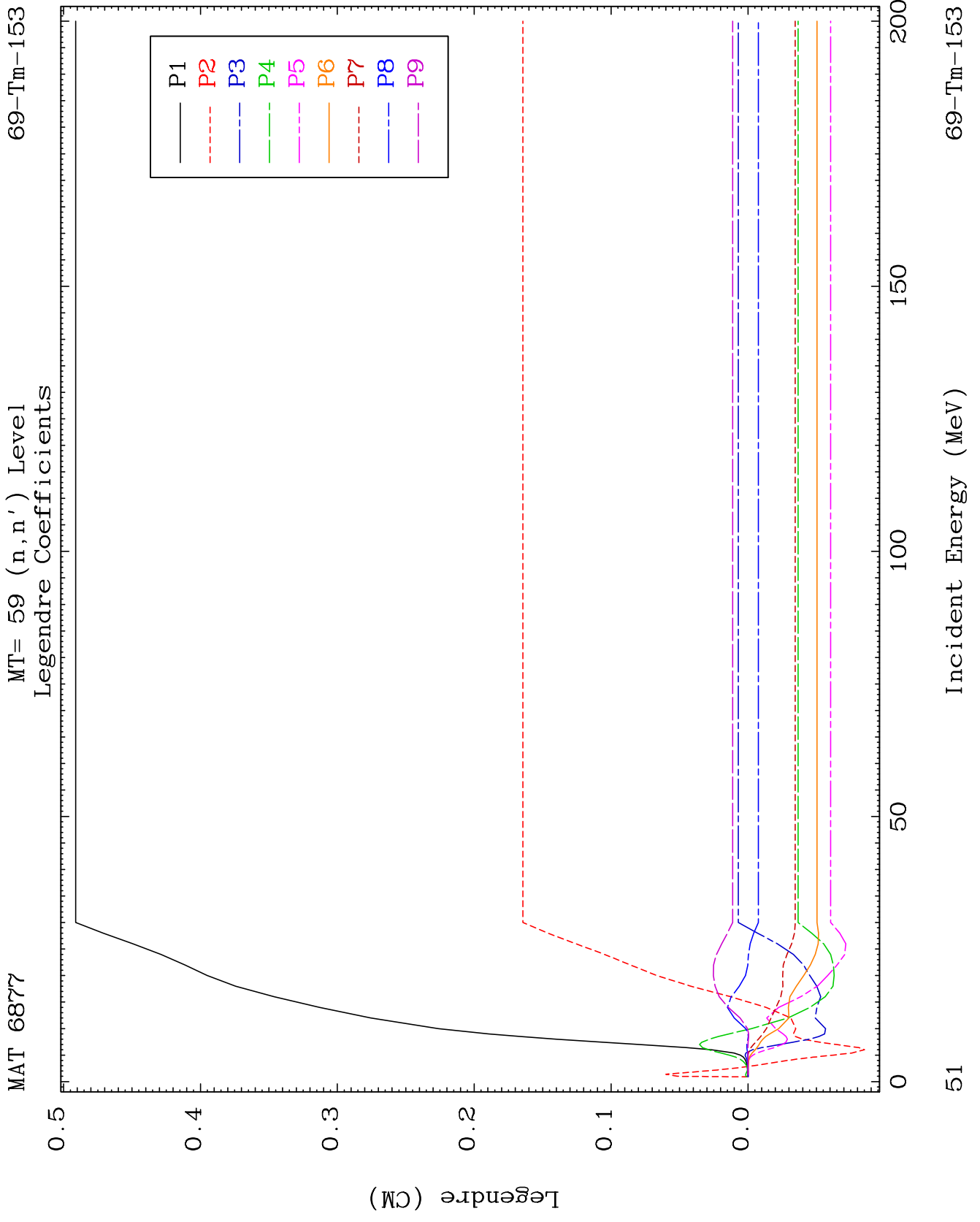
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MAT 6877

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

69-Tm-153

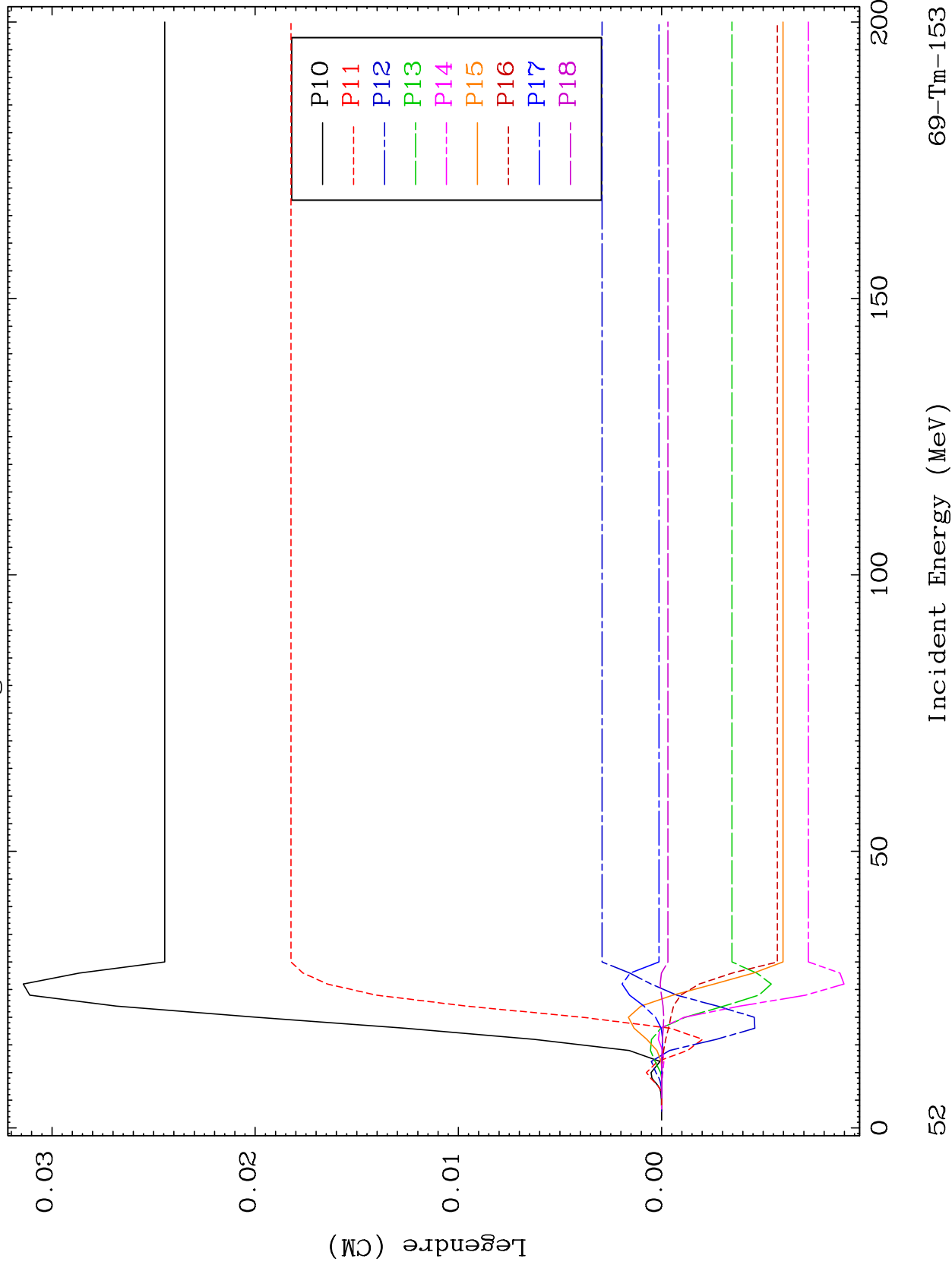




MAT 6877

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

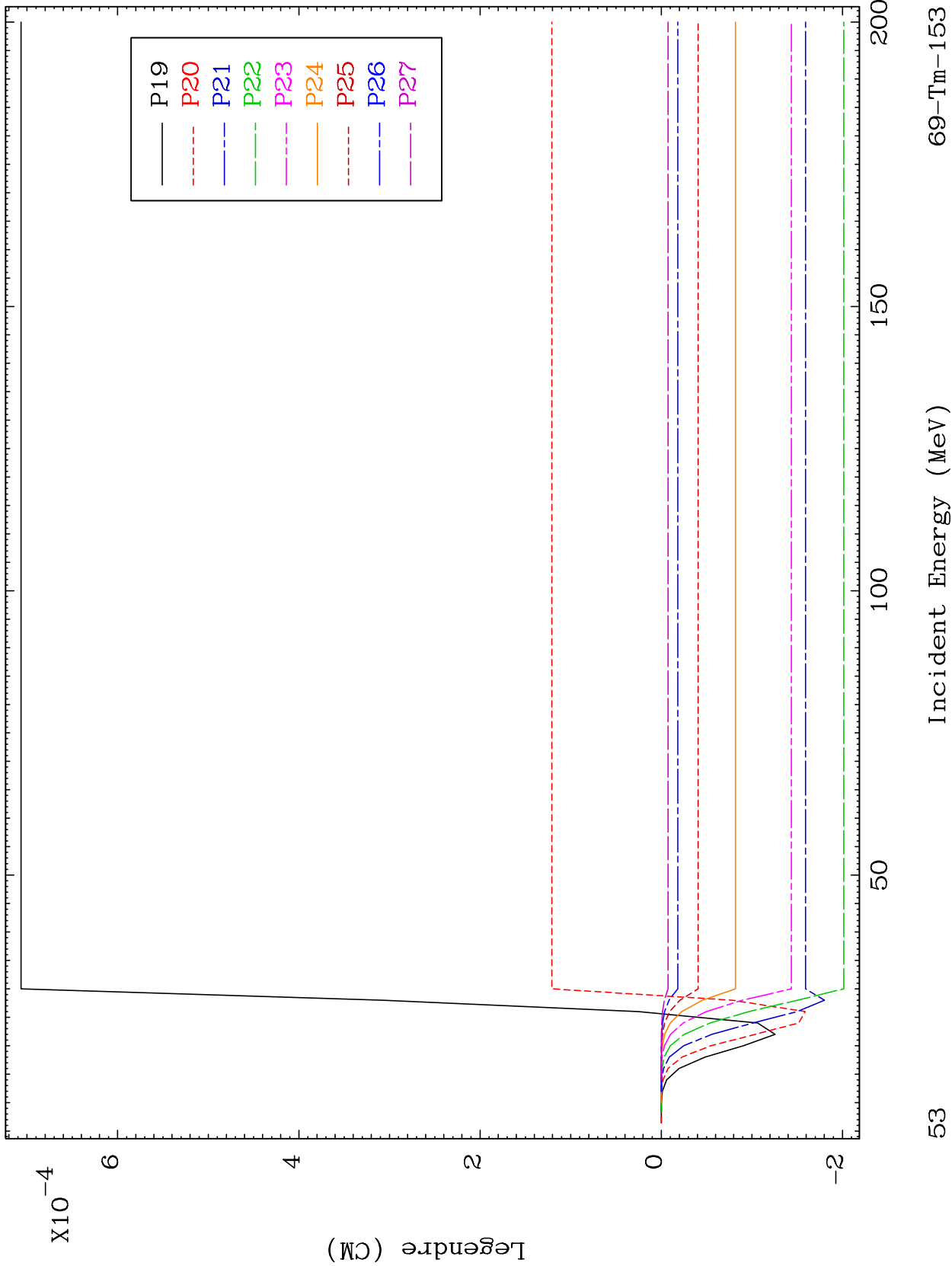
69-Tm-153



69-Tm-153

Incident Energy (MeV)

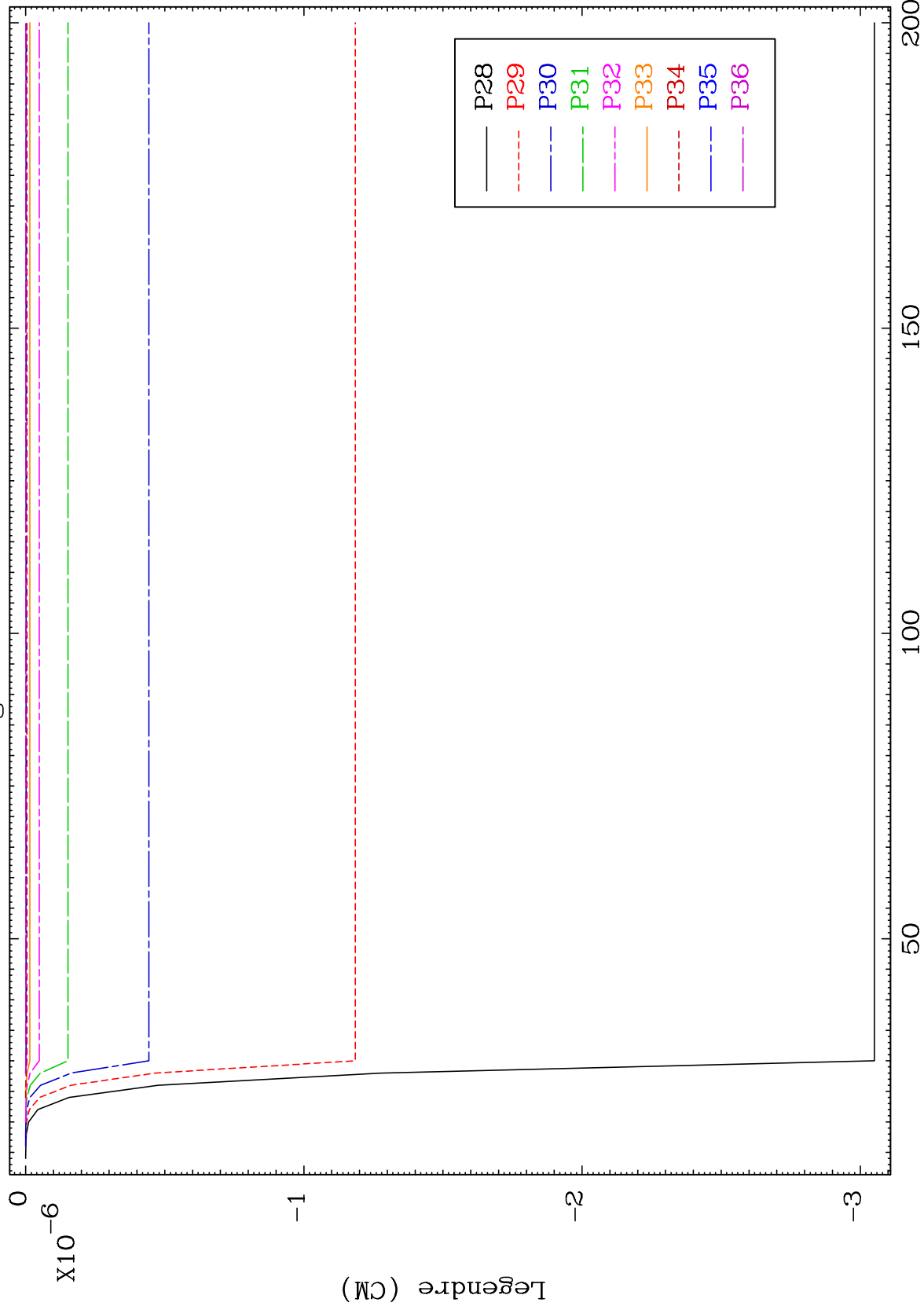
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MAT 6877

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

69-Tm-153



69-Tm-153

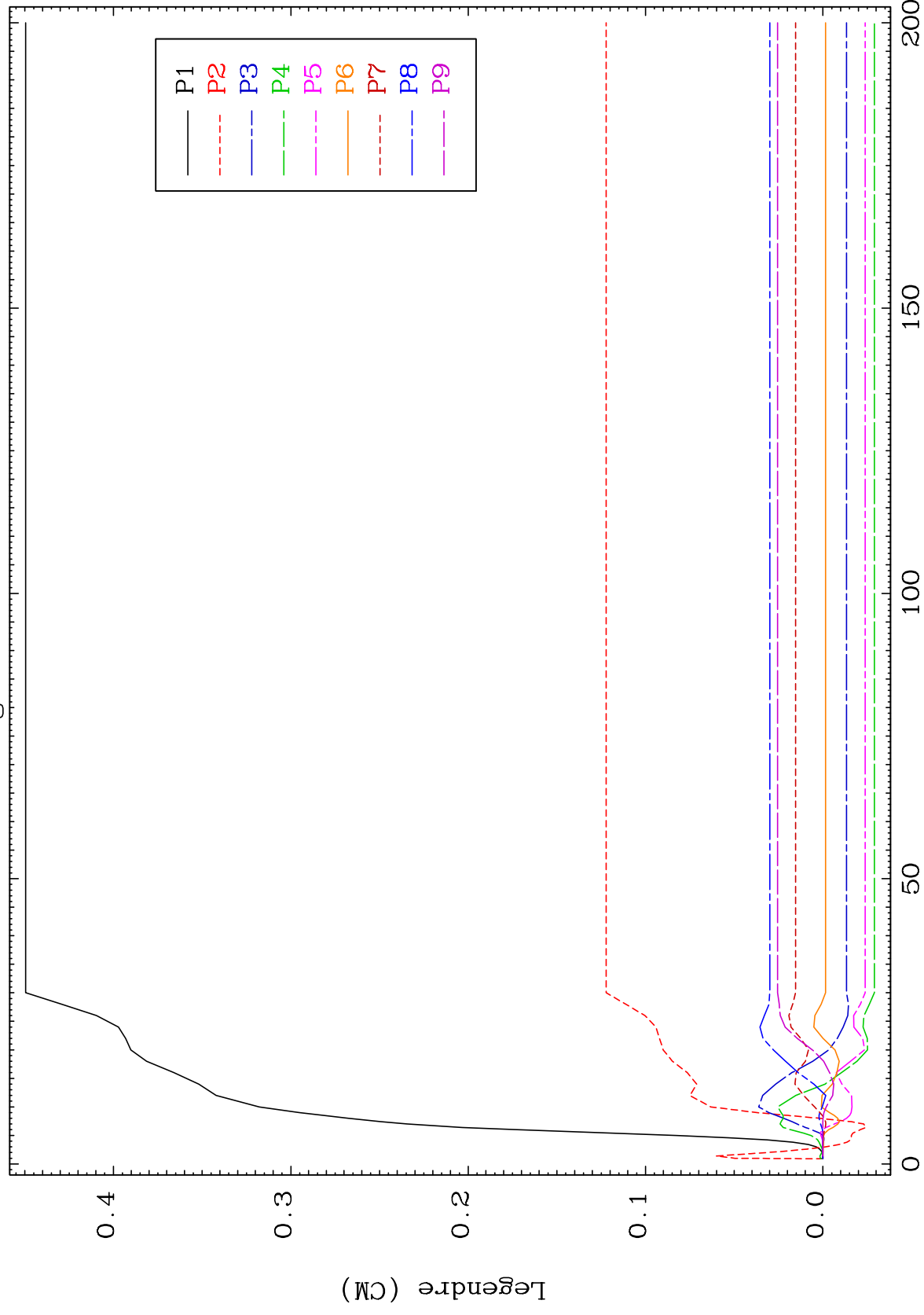
Incident Energy (MeV)

54

MAT 6877

MT= 60 (n,n') Level
Legendre Coefficients

69-Tm-153



69-Tm-153

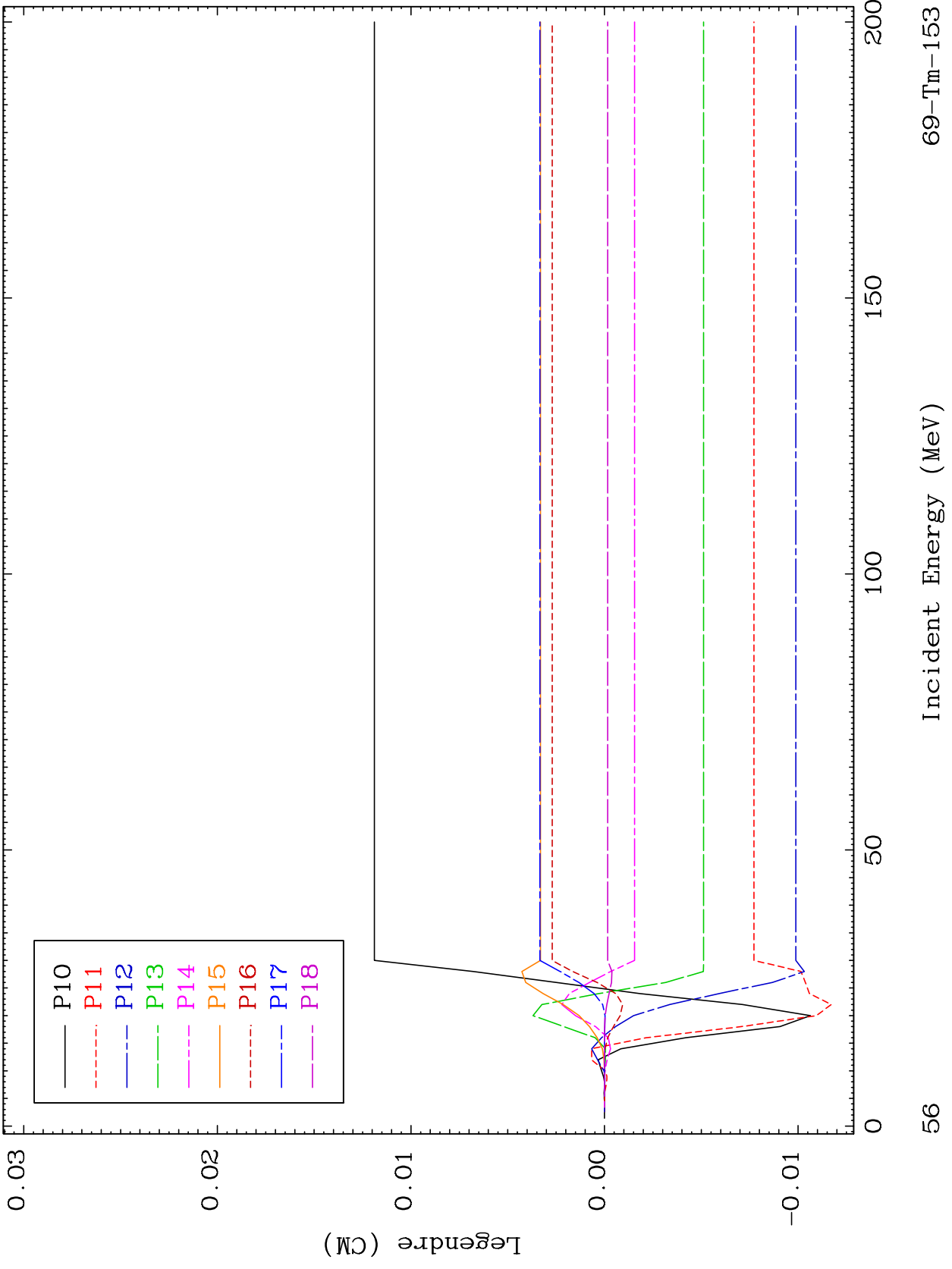
Incident Energy (MeV)

55

MAT 6877

MT= 60 (n,n') Level
Legendre Coefficients

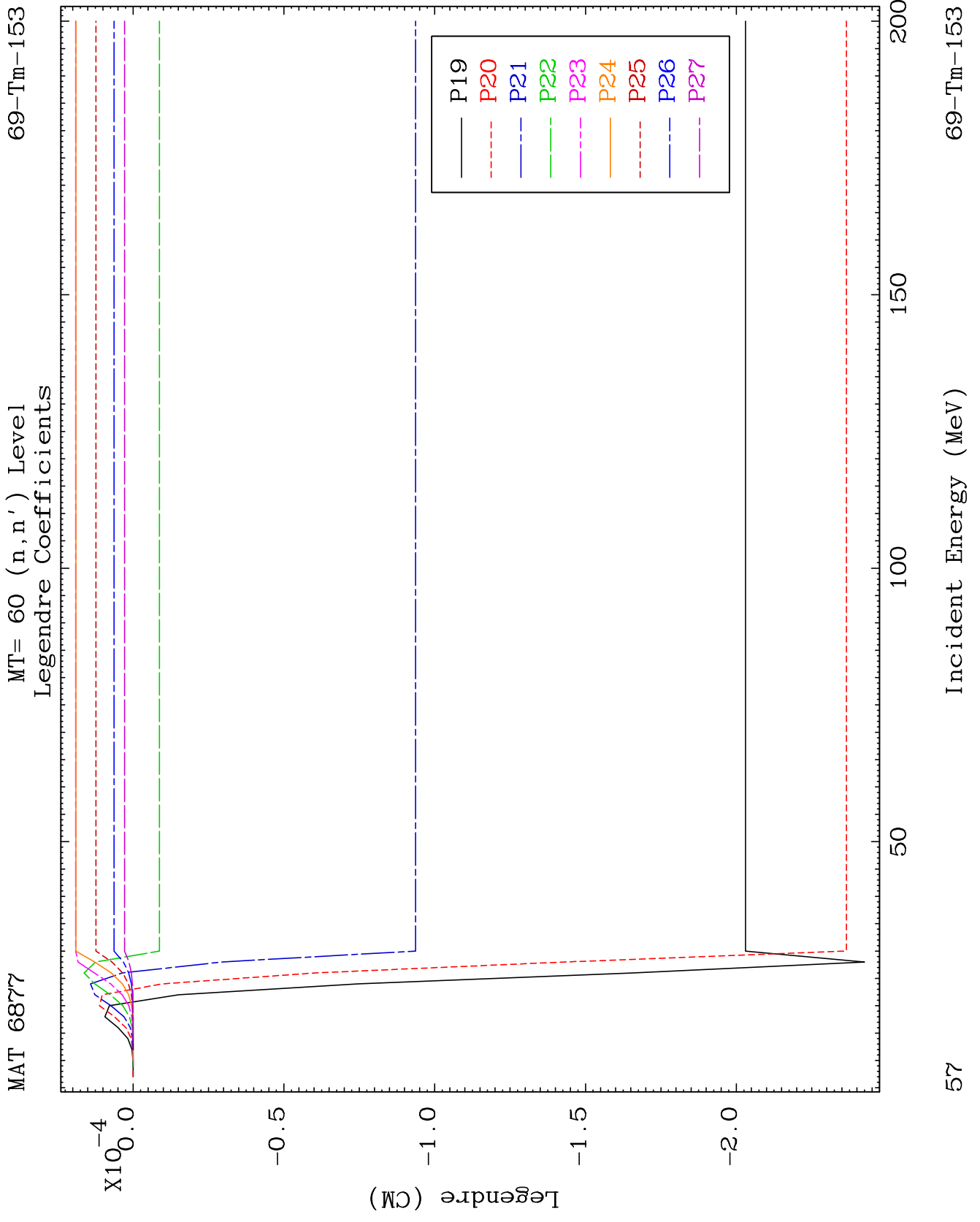
69-Tm-153



56

Incident Energy (MeV)

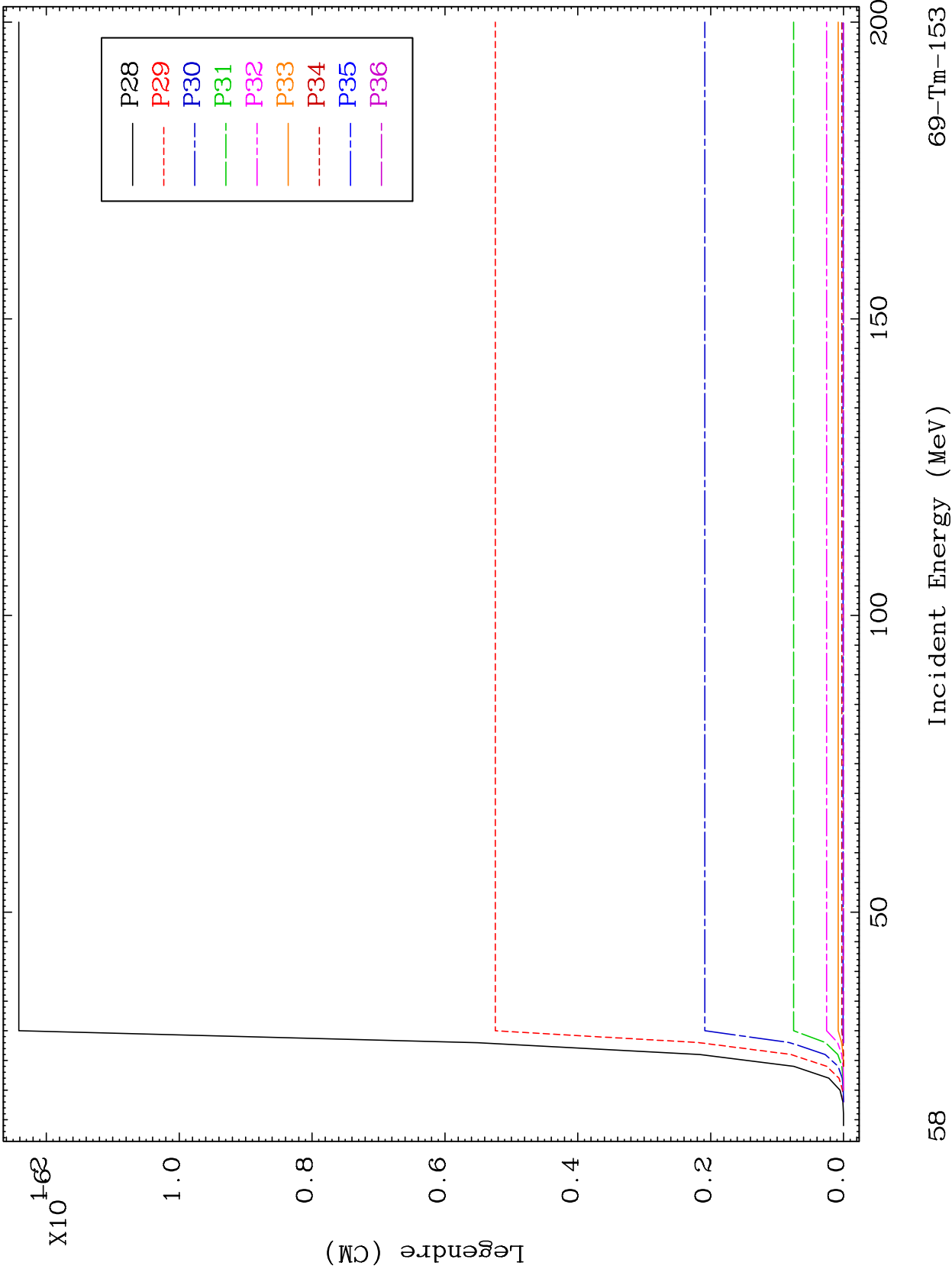
69-Tm-153



MAT 6877

MT= 60 (n,n') Level
Legendre Coefficients

69-Tm-153



58

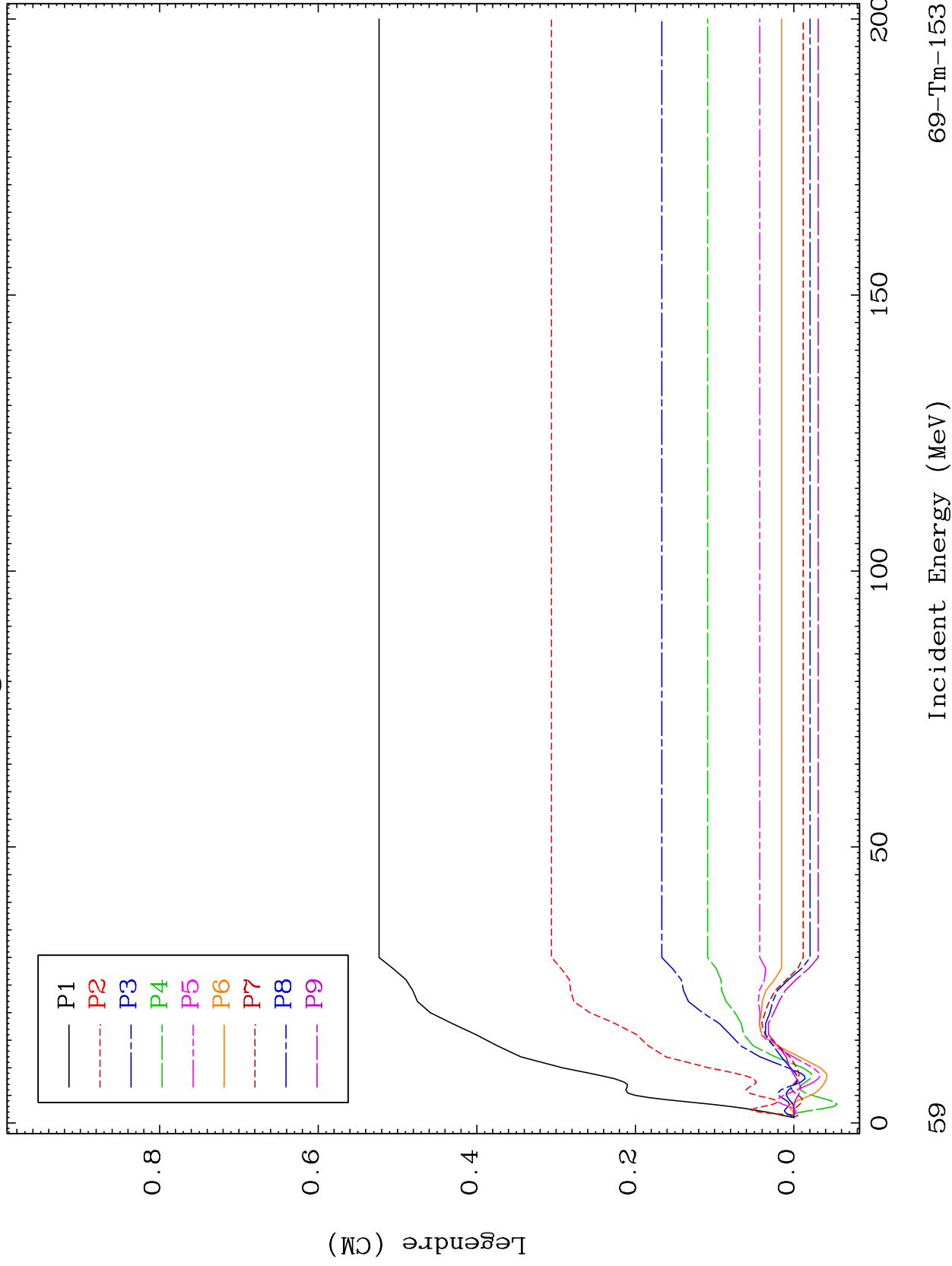
Incident Energy (MeV)

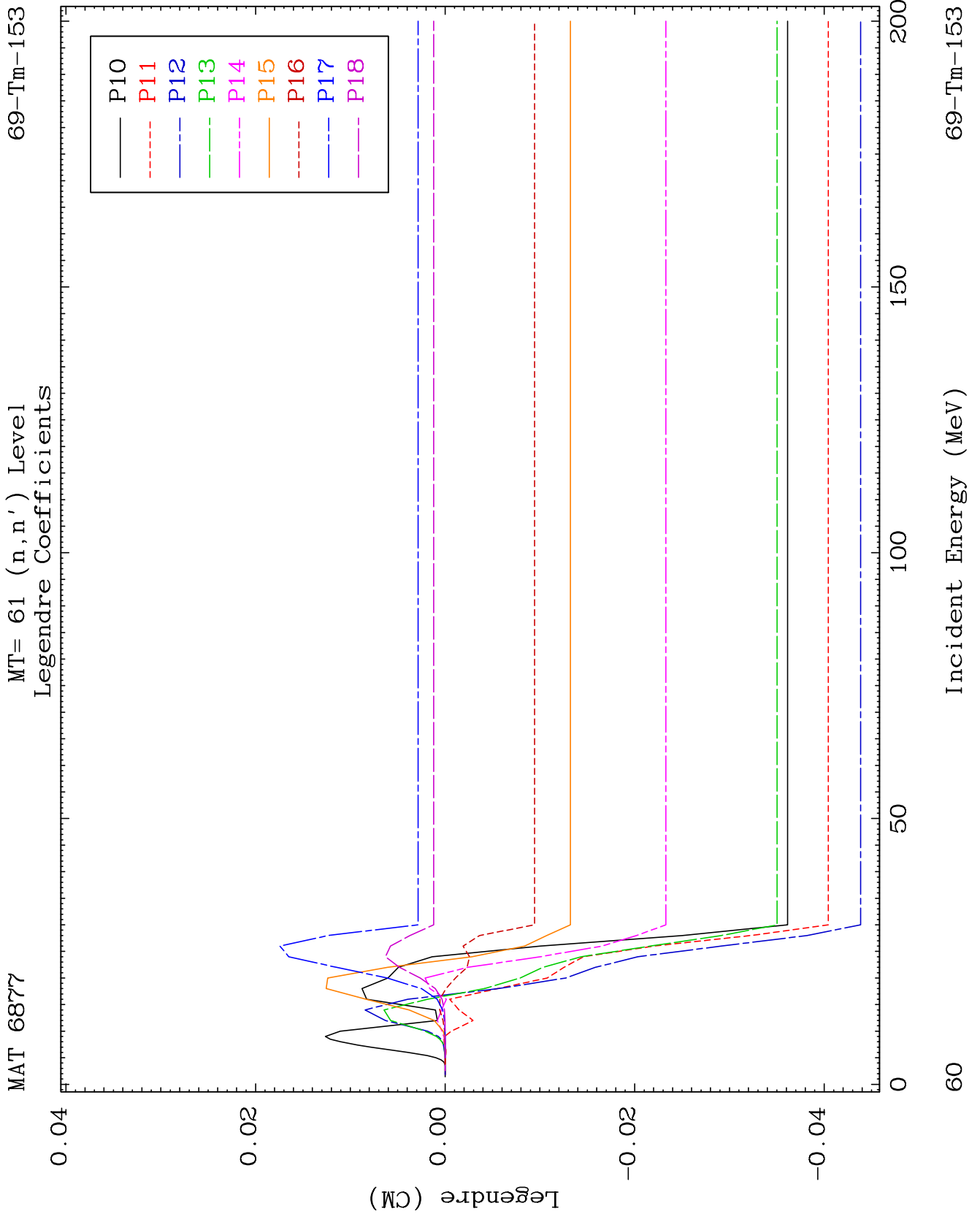
69-Tm-153

MAT 6877

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

69-Tm-153

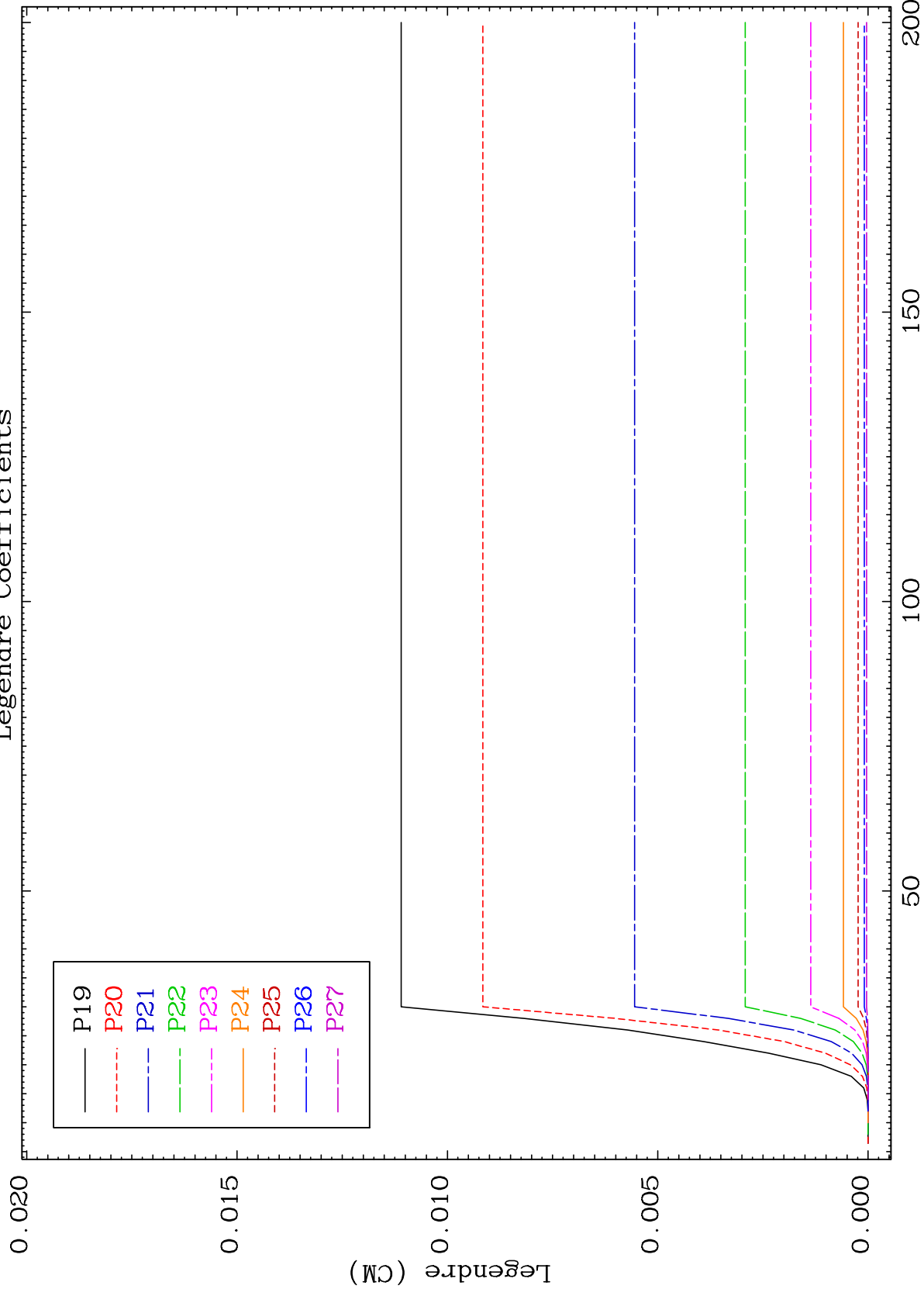




MAT 6877

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

69-Tm-153



61

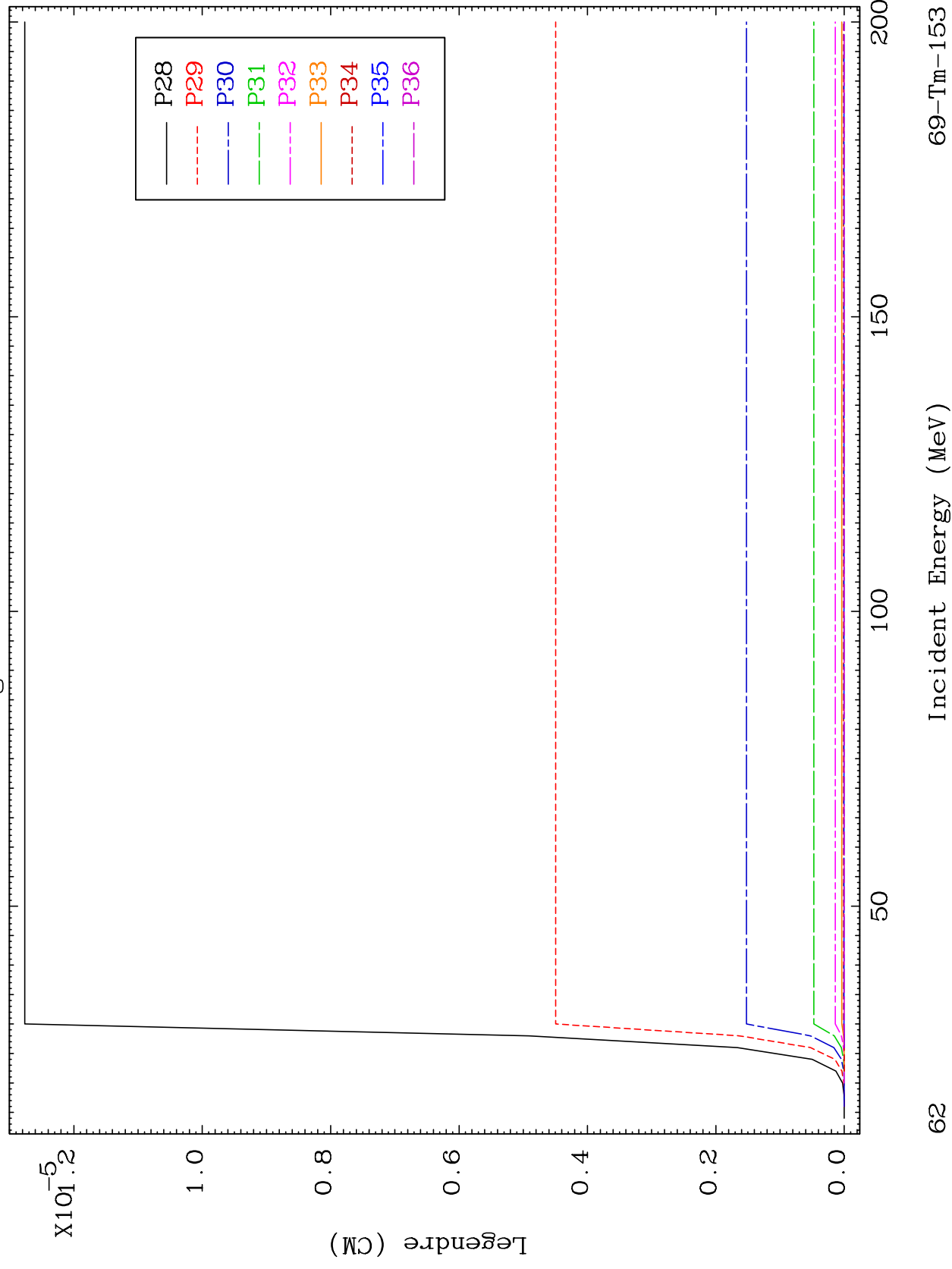
Incident Energy (MeV)

69-Tm-153

MAT 6877

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

69-Tm-153



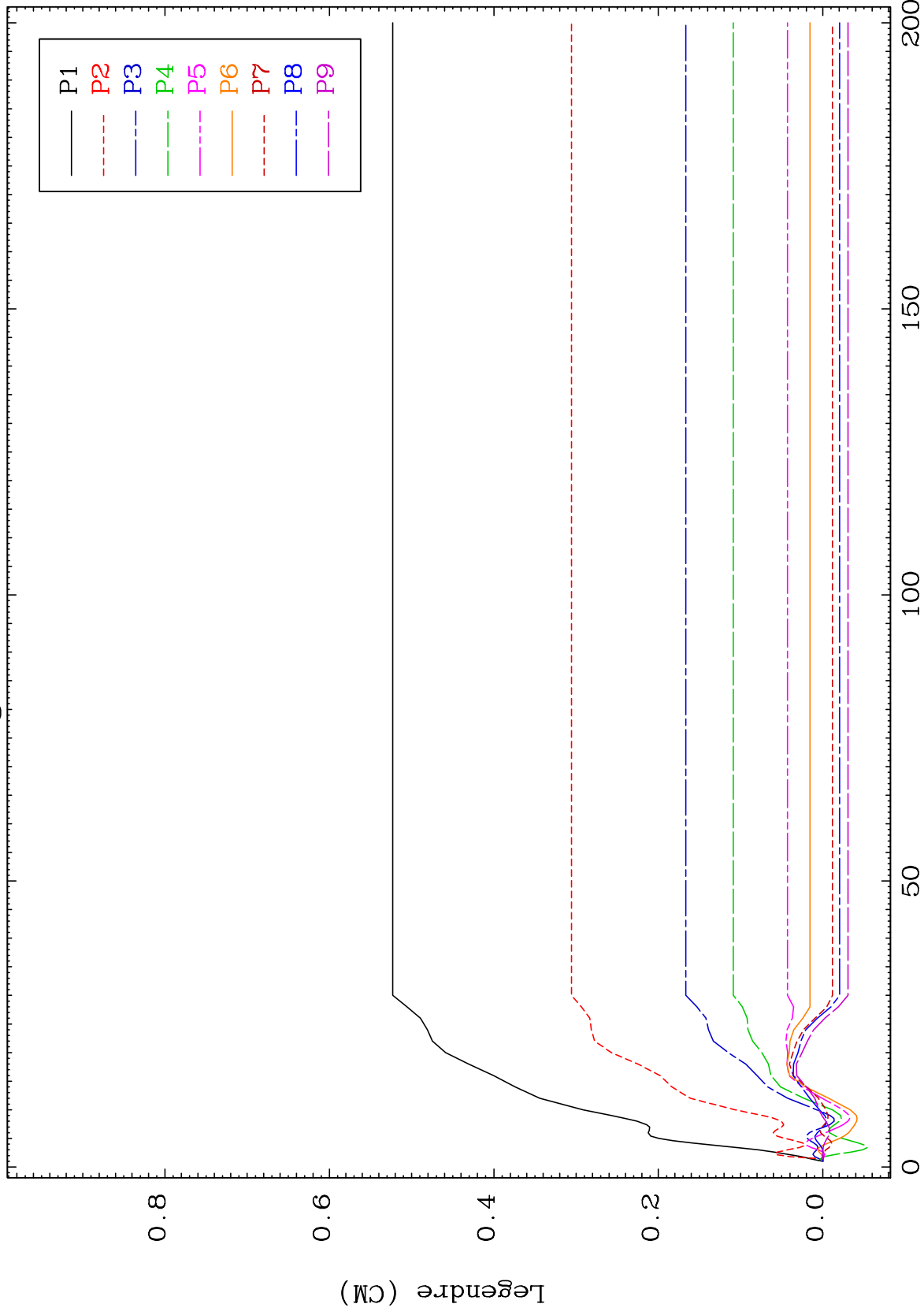
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69-Tm-153

MAT 6877

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

69-Tm-153



69-Tm-153

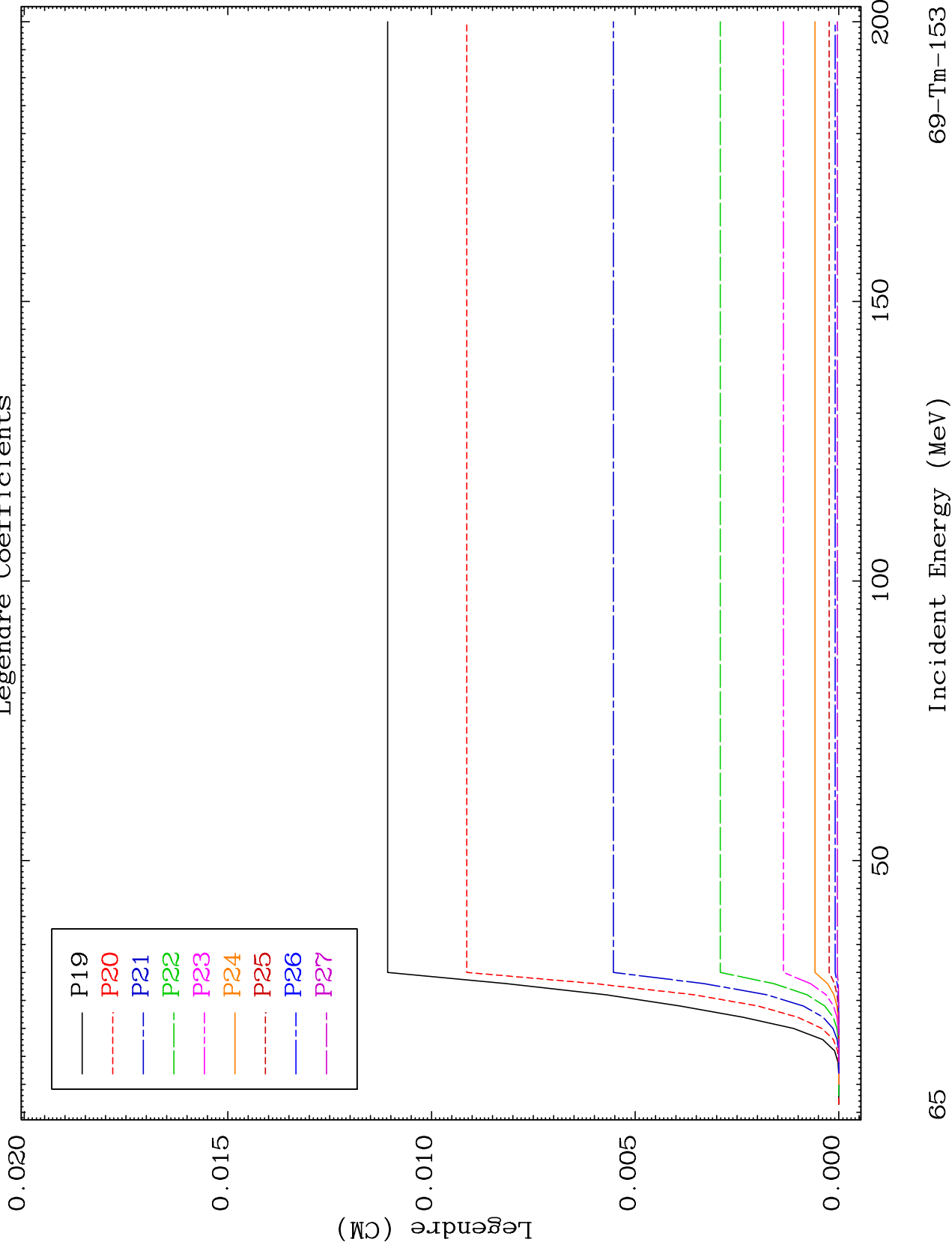
Incident Energy (MeV)

63

MAT 6877

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

69-Tm-153



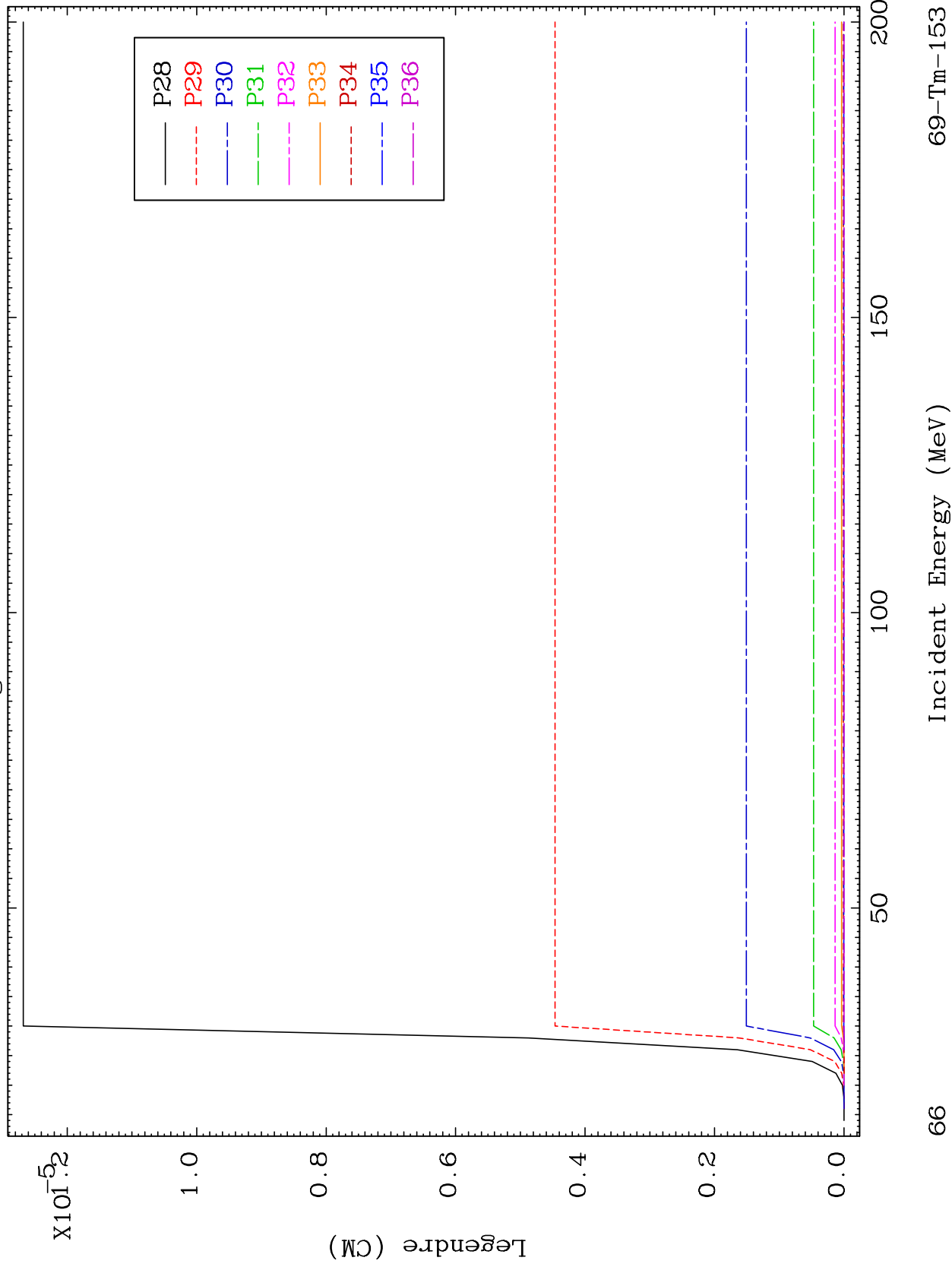
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200

MAT 6877

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

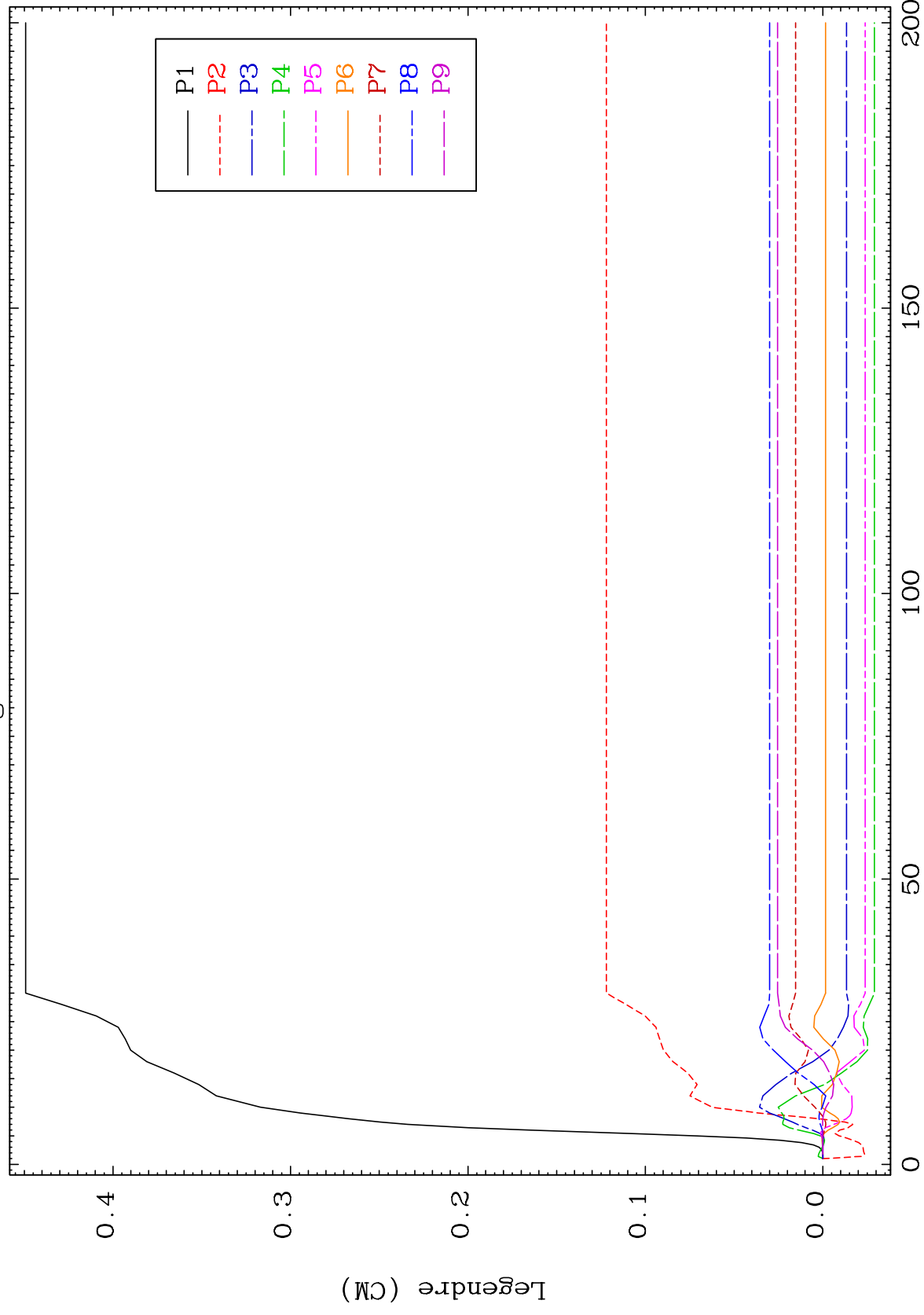
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MAT 6877

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

69-Tm-153



67

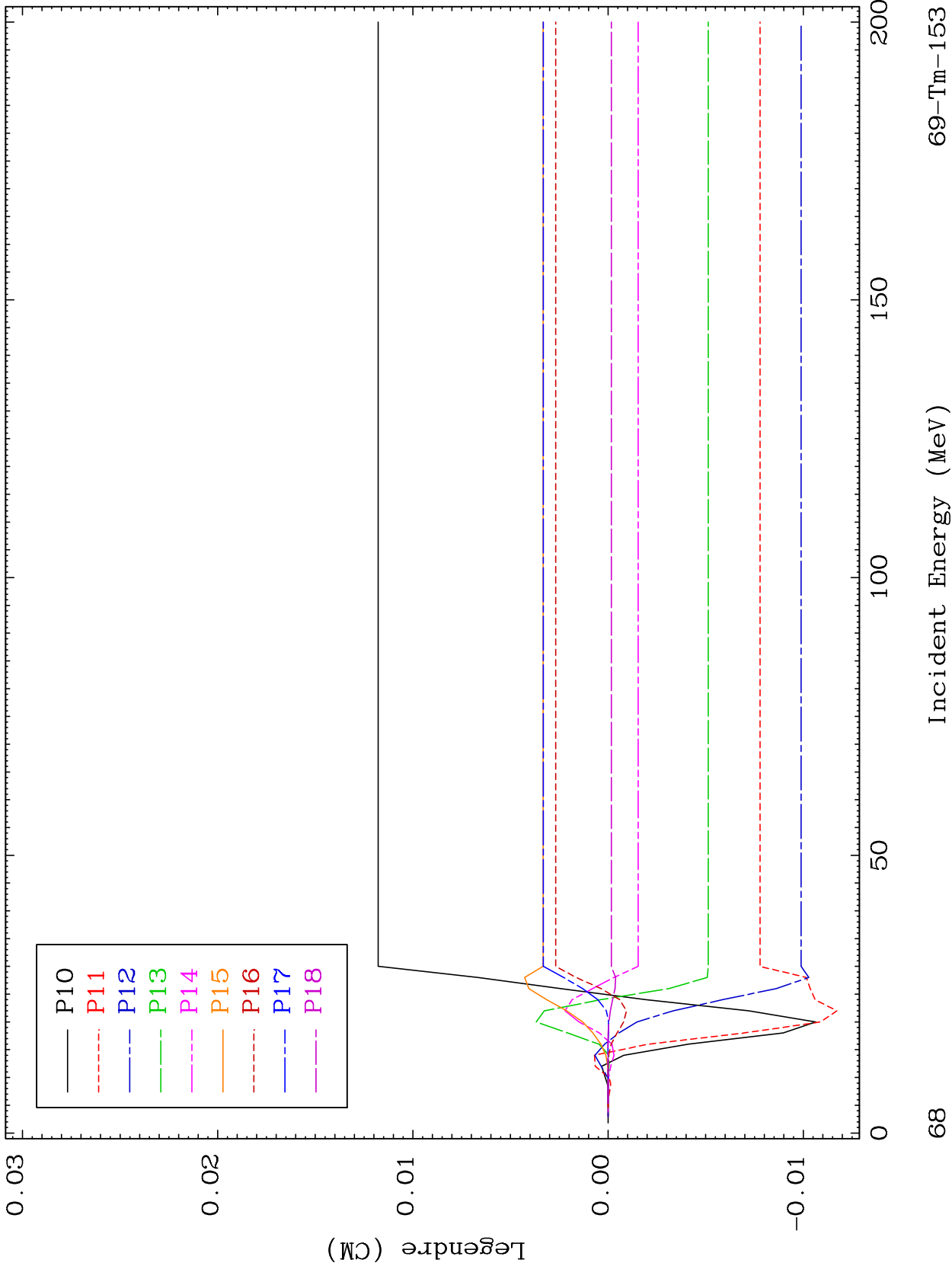
Incident Energy (MeV)

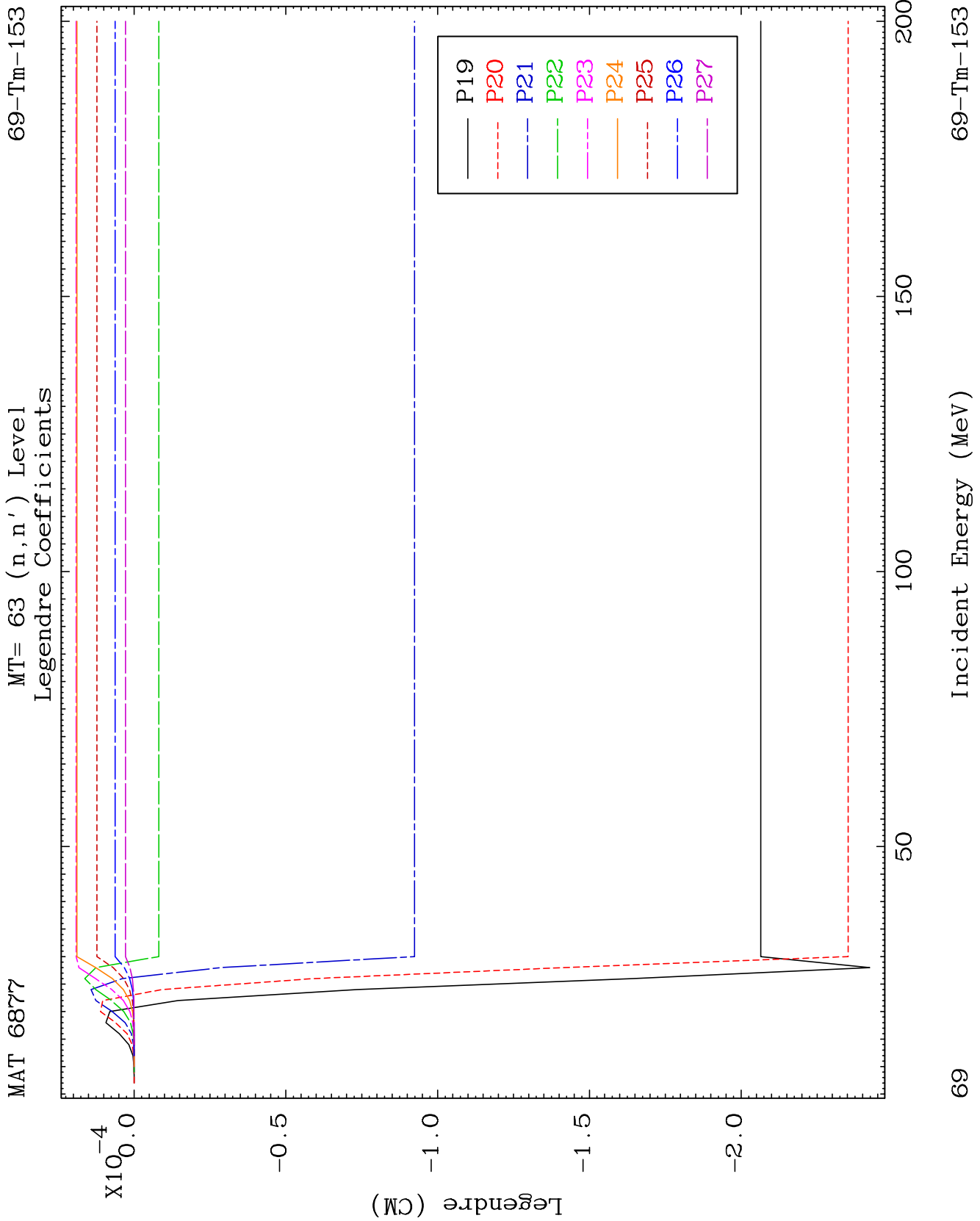
69-Tm-153

MAT 6877

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

69-Tm-153

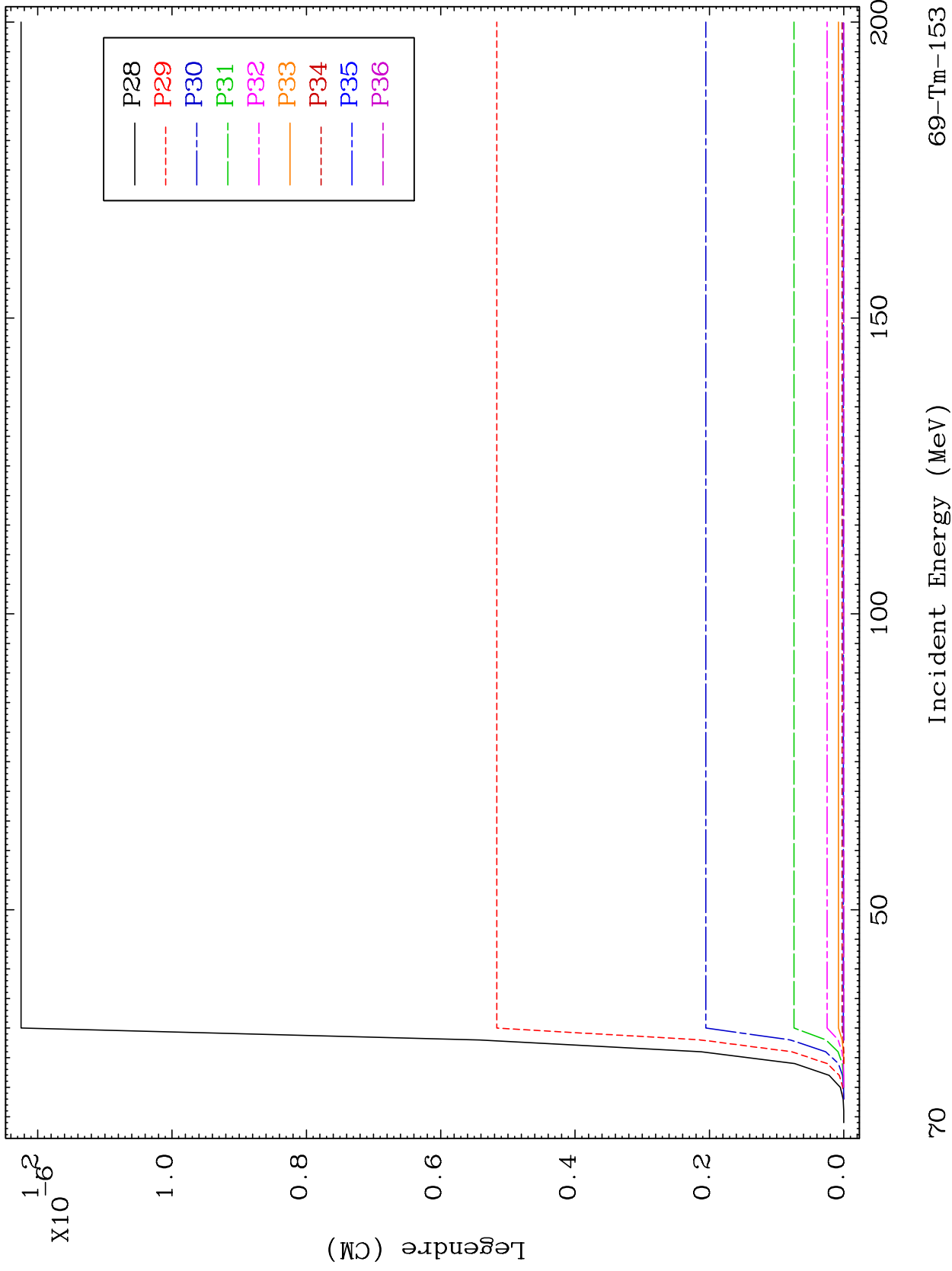




MAT 6877

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

69-Tm-153



70

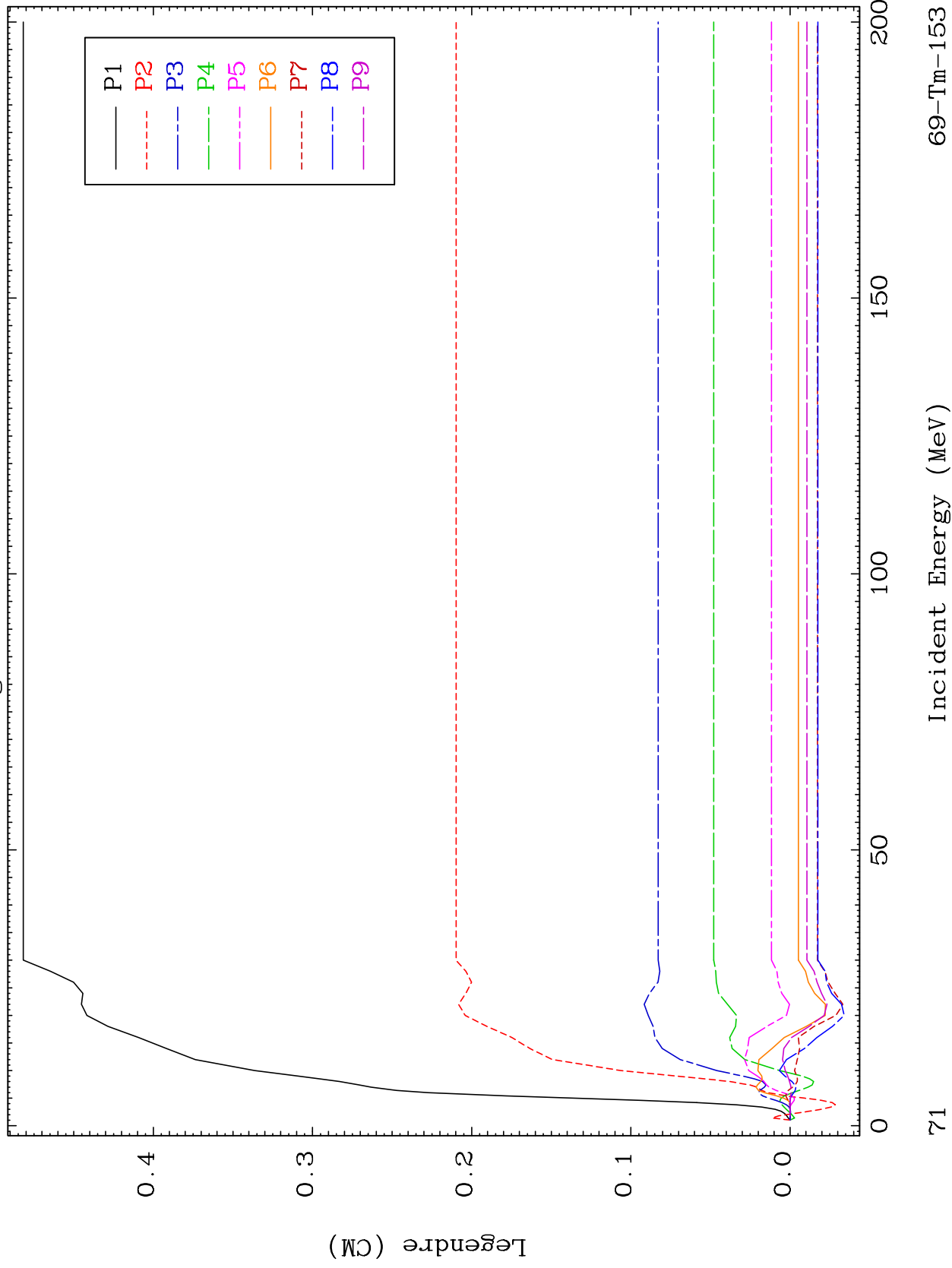
Incident Energy (MeV)

69-Tm-153

MAT 6877

MT= 64 (n,n') Level
Legendre Coefficients

69-Tm-153



69-Tm-153

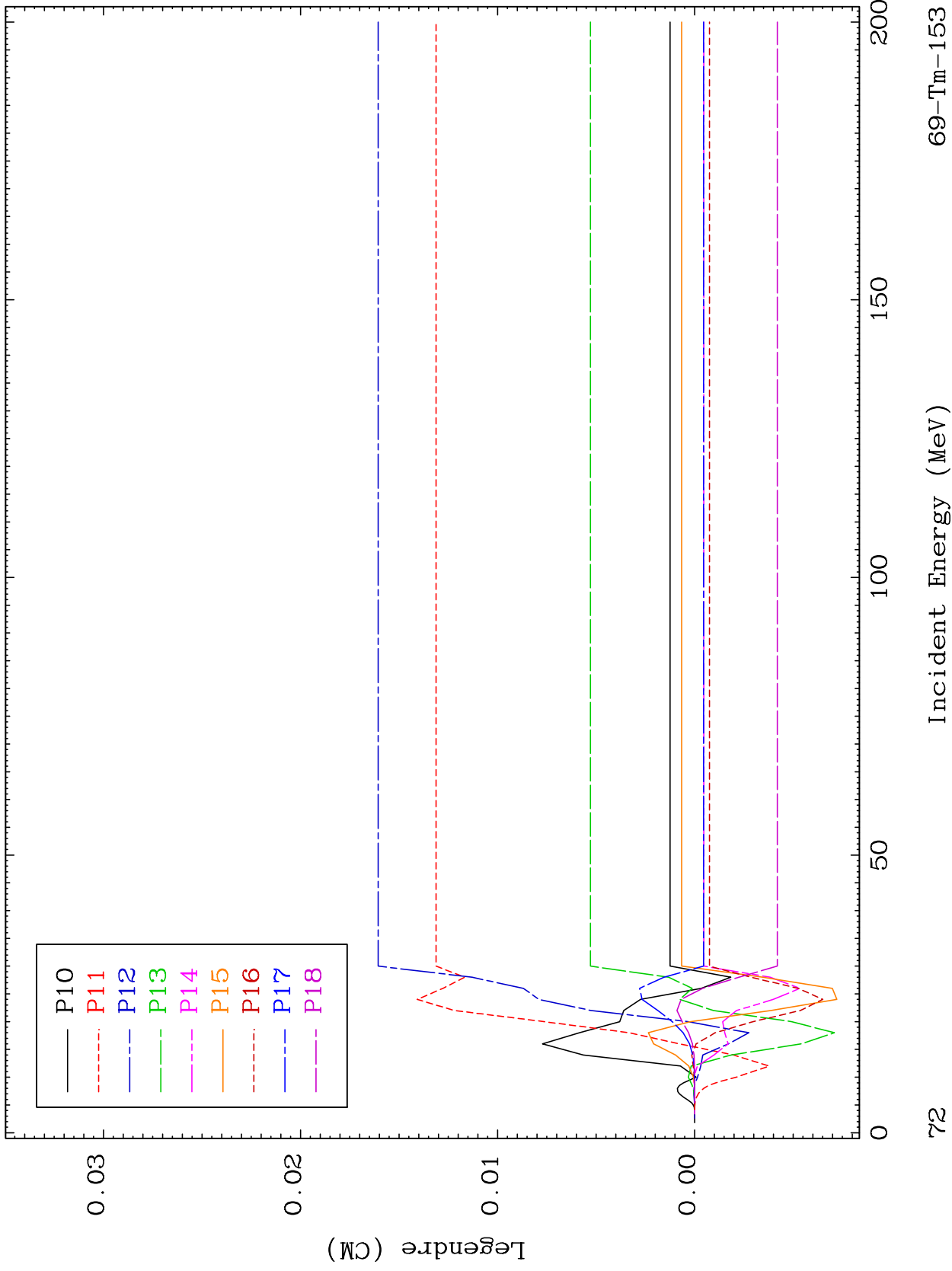
Incident Energy (MeV)

71

MAT 6877

MT= 64 (n,n') Level
Legendre Coefficients

69-Tm-153



72

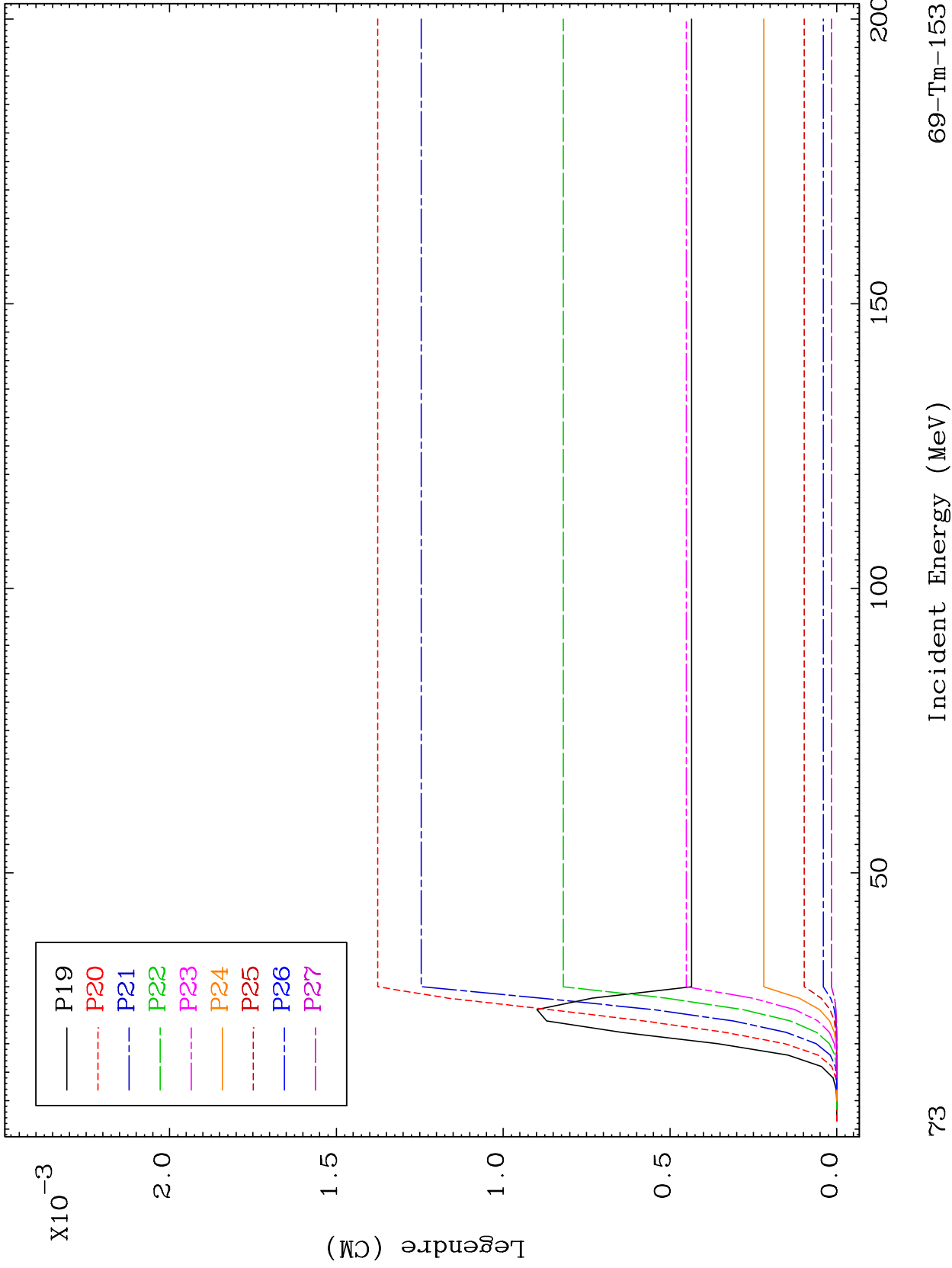
Incident Energy (MeV)

69-Tm-153

MAT 68777

MT= 64 (n,n') Level
Legendre Coefficients

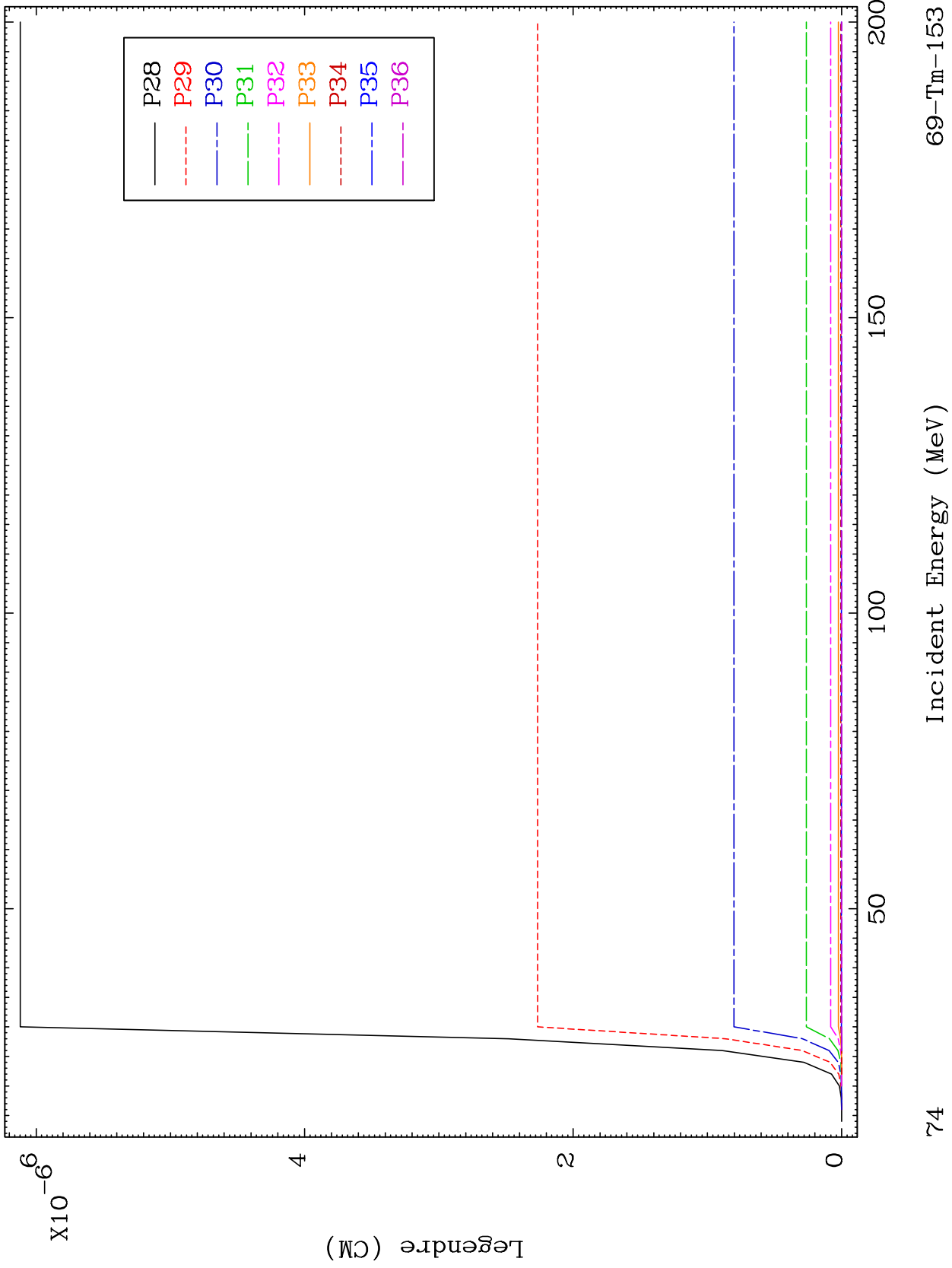
69-Tm-153



MAT 6877

MT= 64 (n,n') Level
Legendre Coefficients

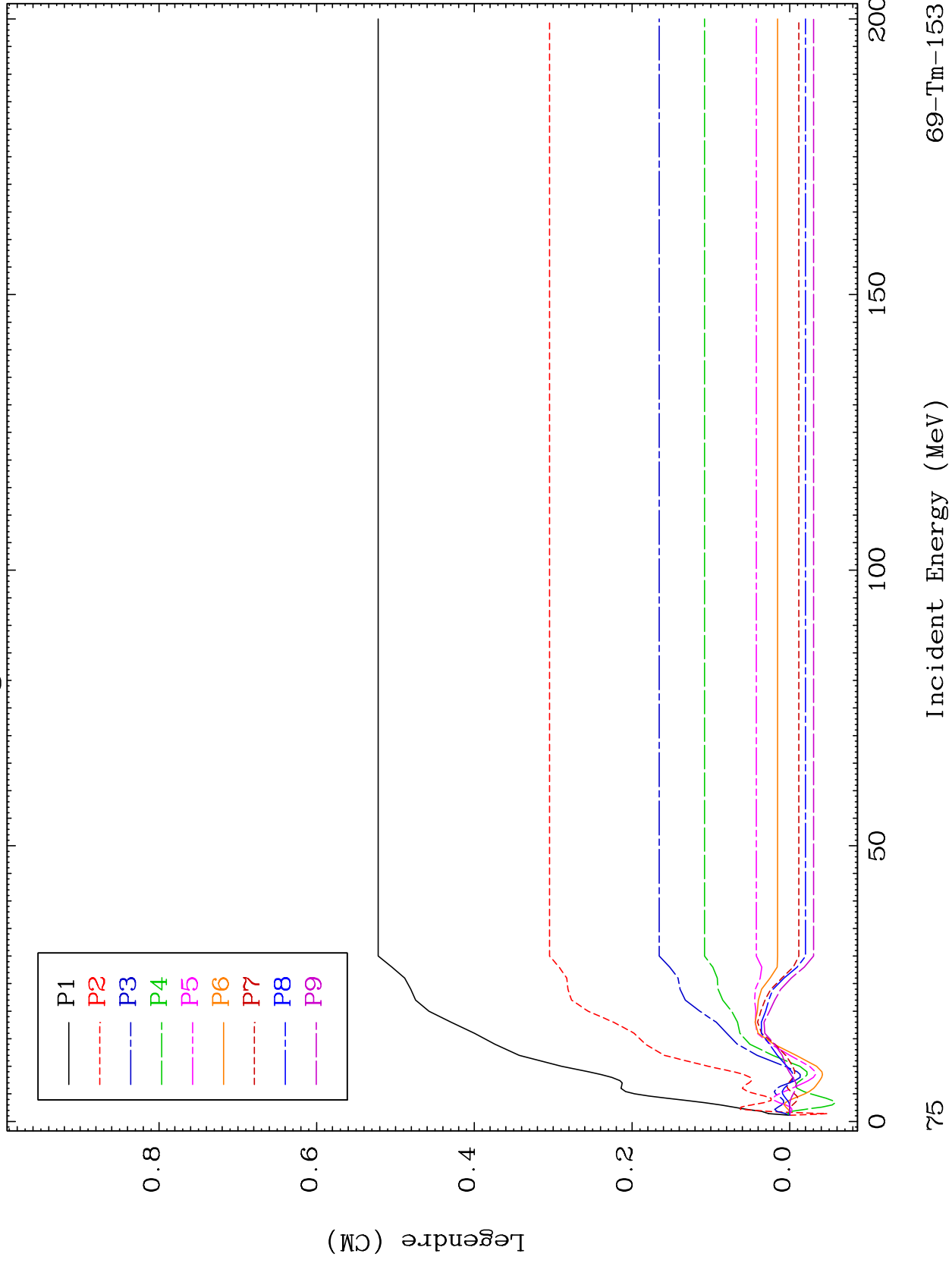
69-Tm-153



MAT 6877

MT= 65 (n,n') Level
Legendre Coefficients

69-Tm-153



69-Tm-153

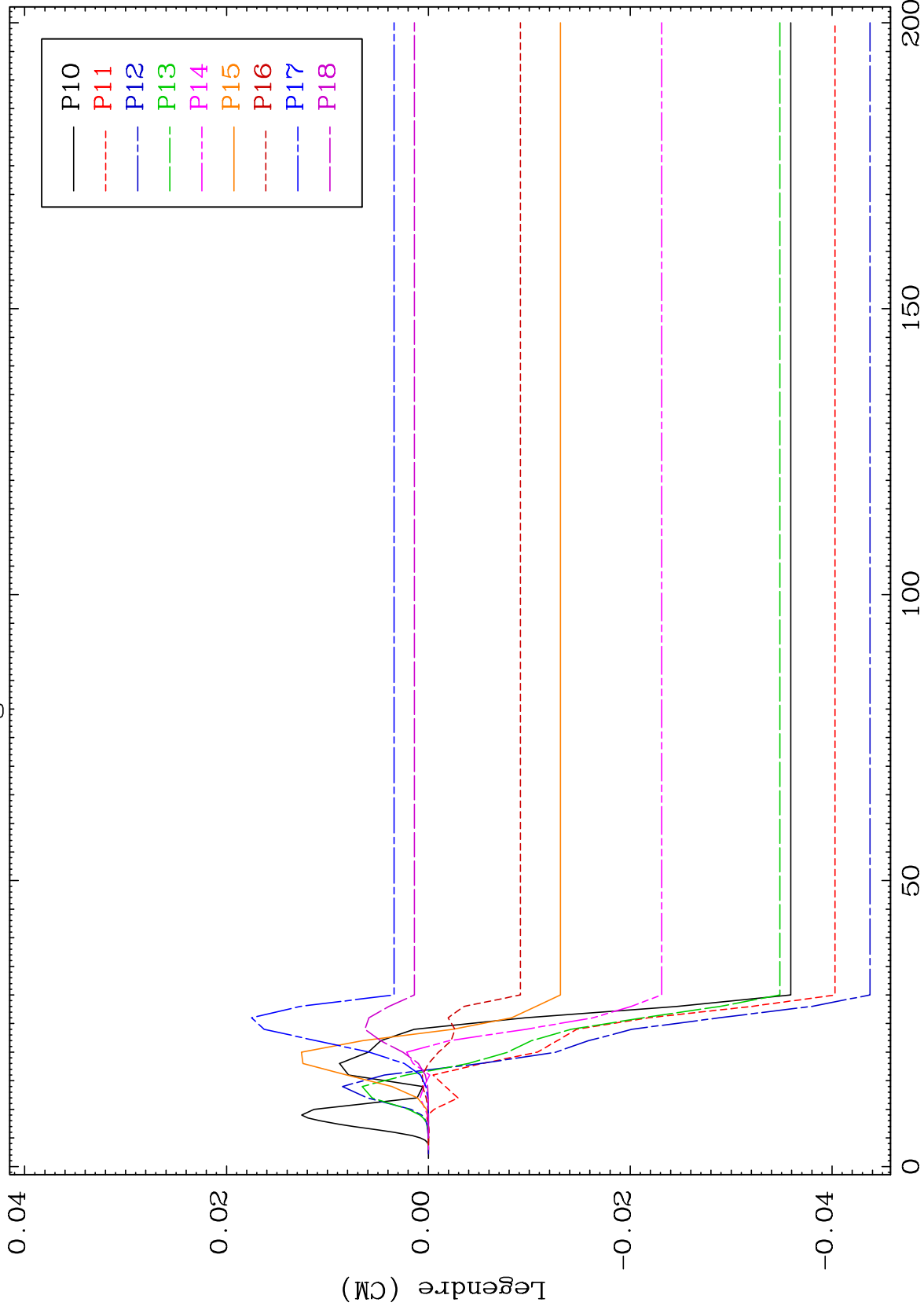
Incident Energy (MeV)

75

MAT 6877

MT= 65 (n,n') Level
Legendre Coefficients

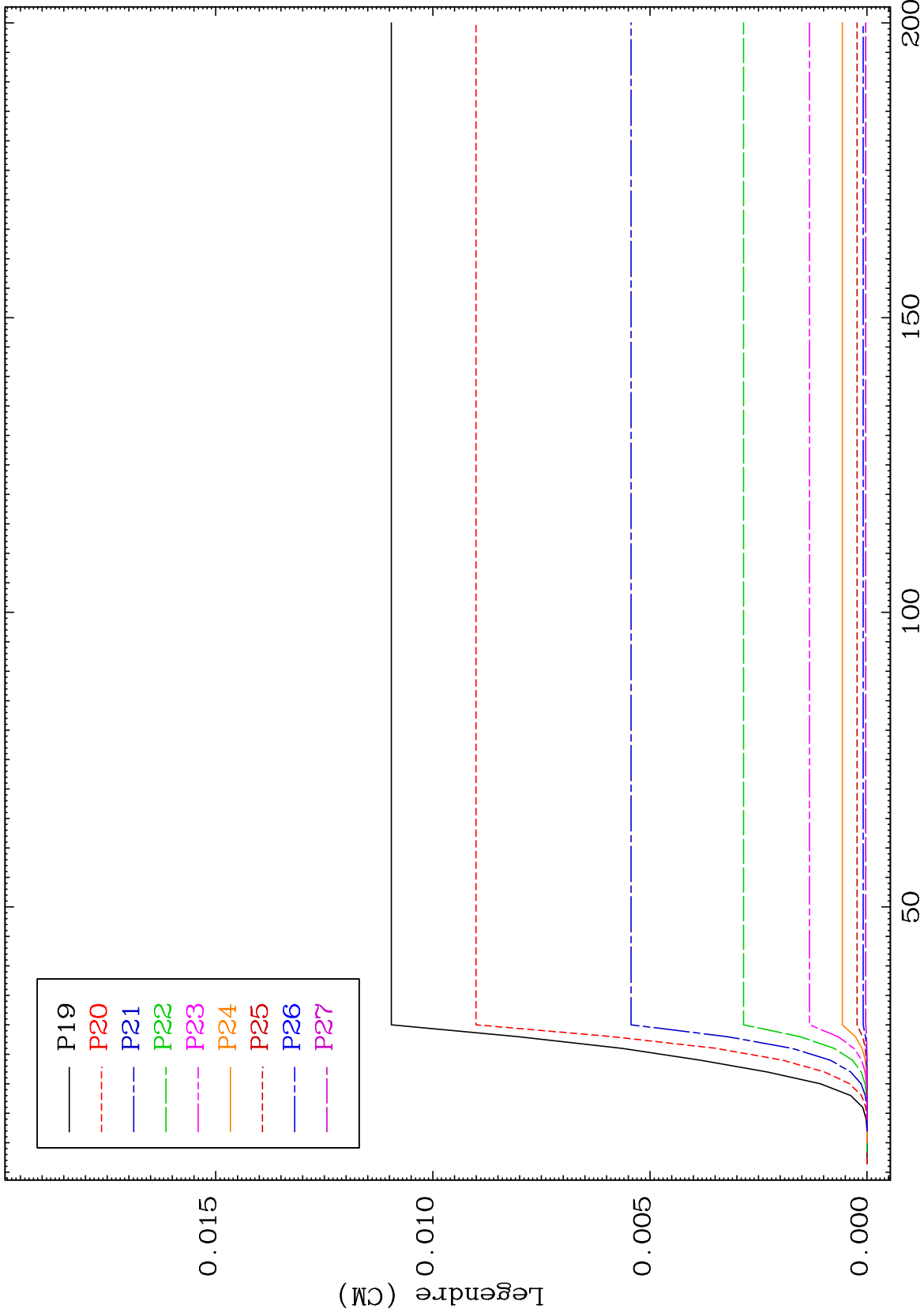
69-Tm-153



76

Incident Energy (MeV)

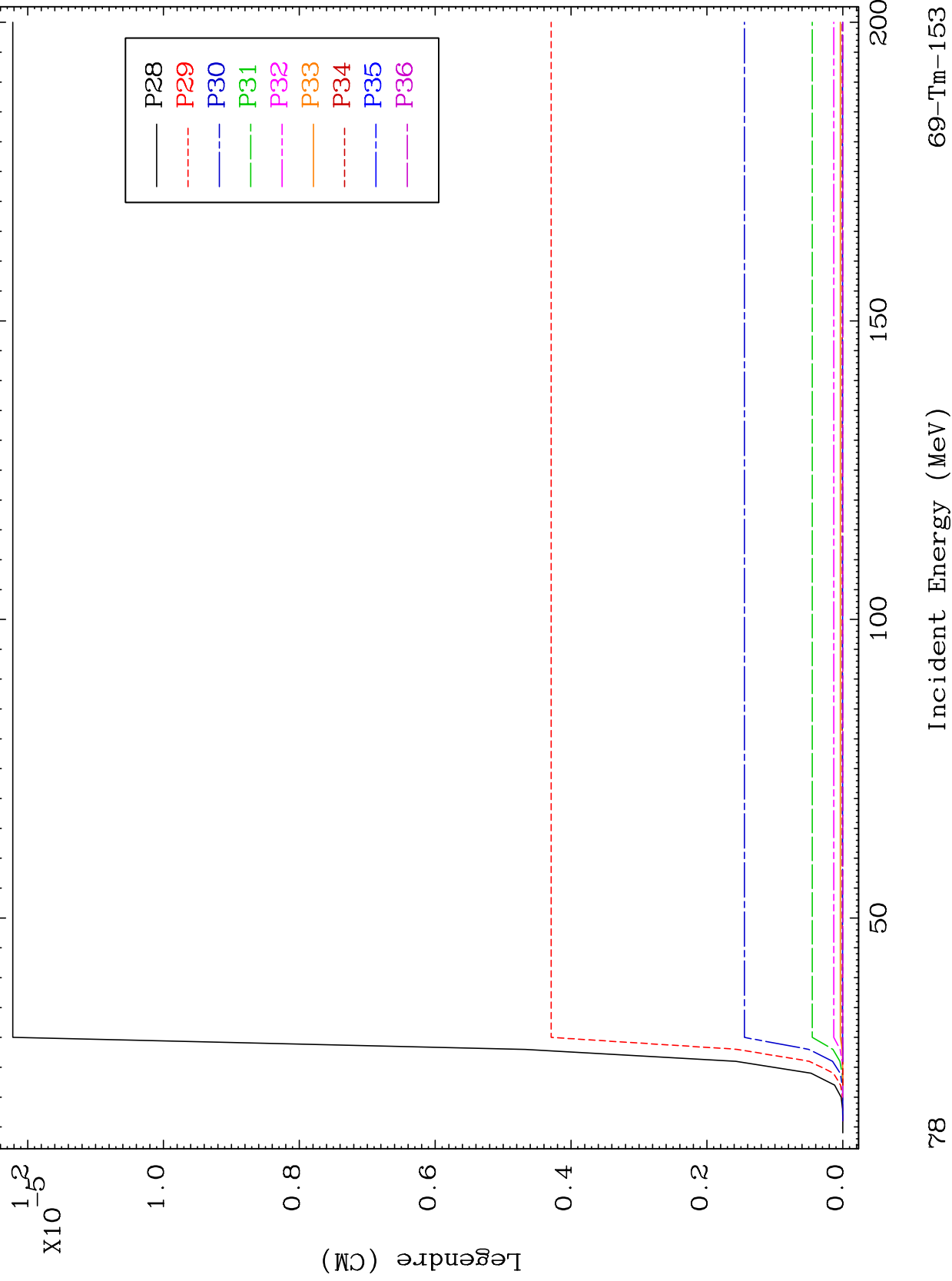
69-Tm-153



MAT 6877

MT= 65 (n,n') Level
Legendre Coefficients

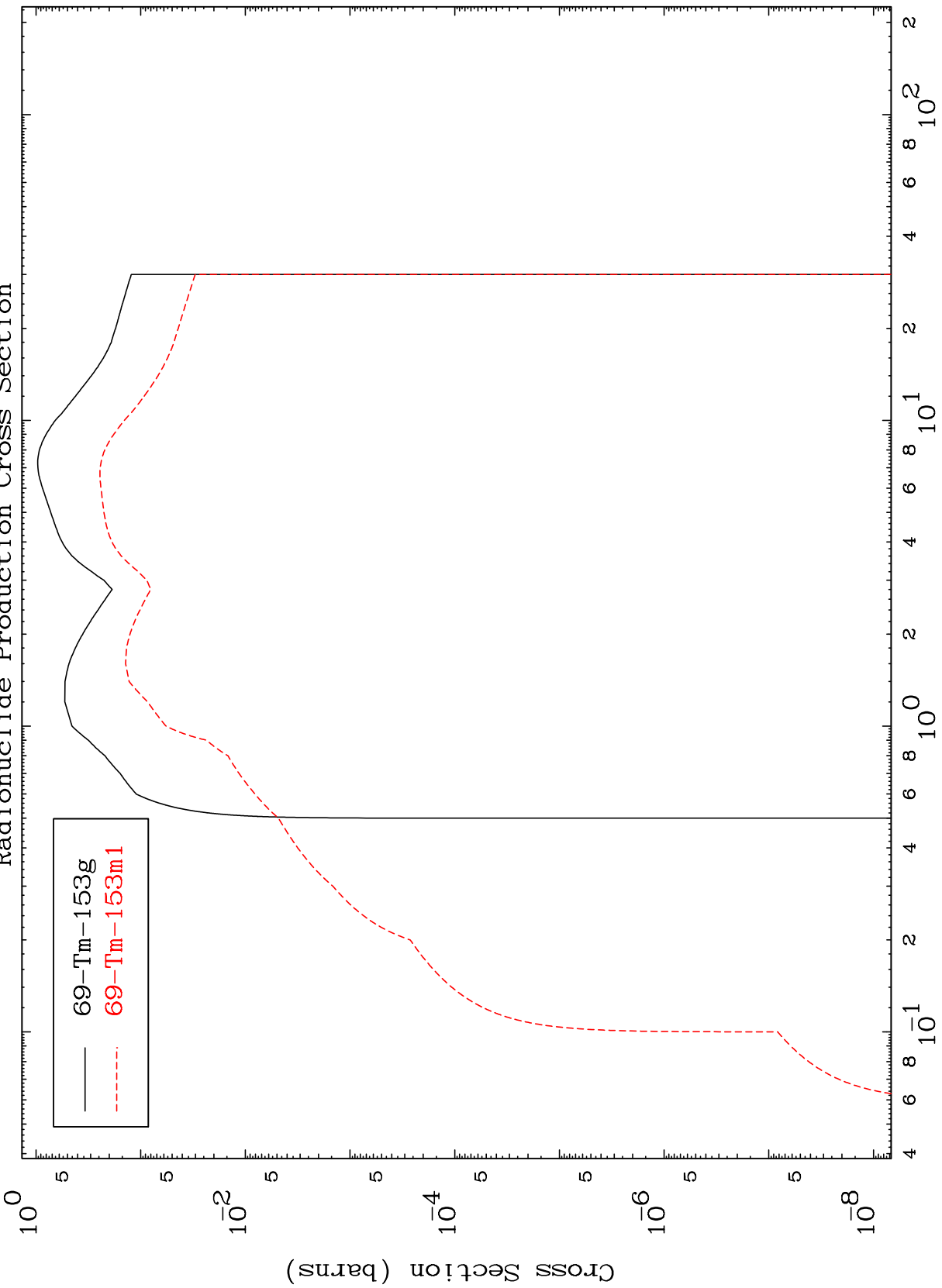
69-Tm-153



MAT 6877

69-Tm-153

Inelastic
Radionuclide Production Cross Section



69-Tm-153g
69-Tm-153m1

79

69-Tm-153

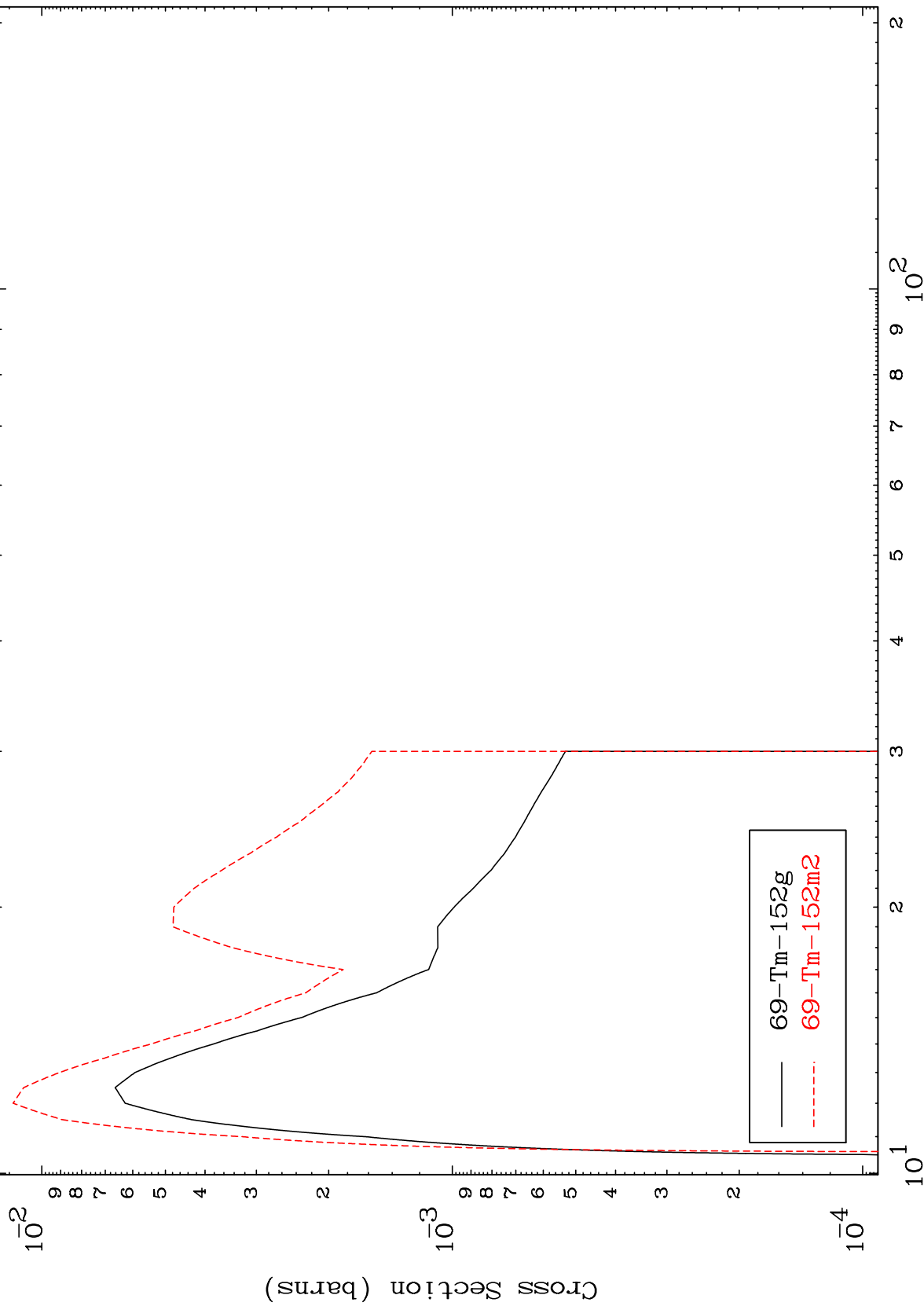
Incident Energy (MeV)

MAT 68777

(n,2n)

69-Tm-153

Radionuclide Production Cross Section



69-Tm-153

Incident Energy (MeV)

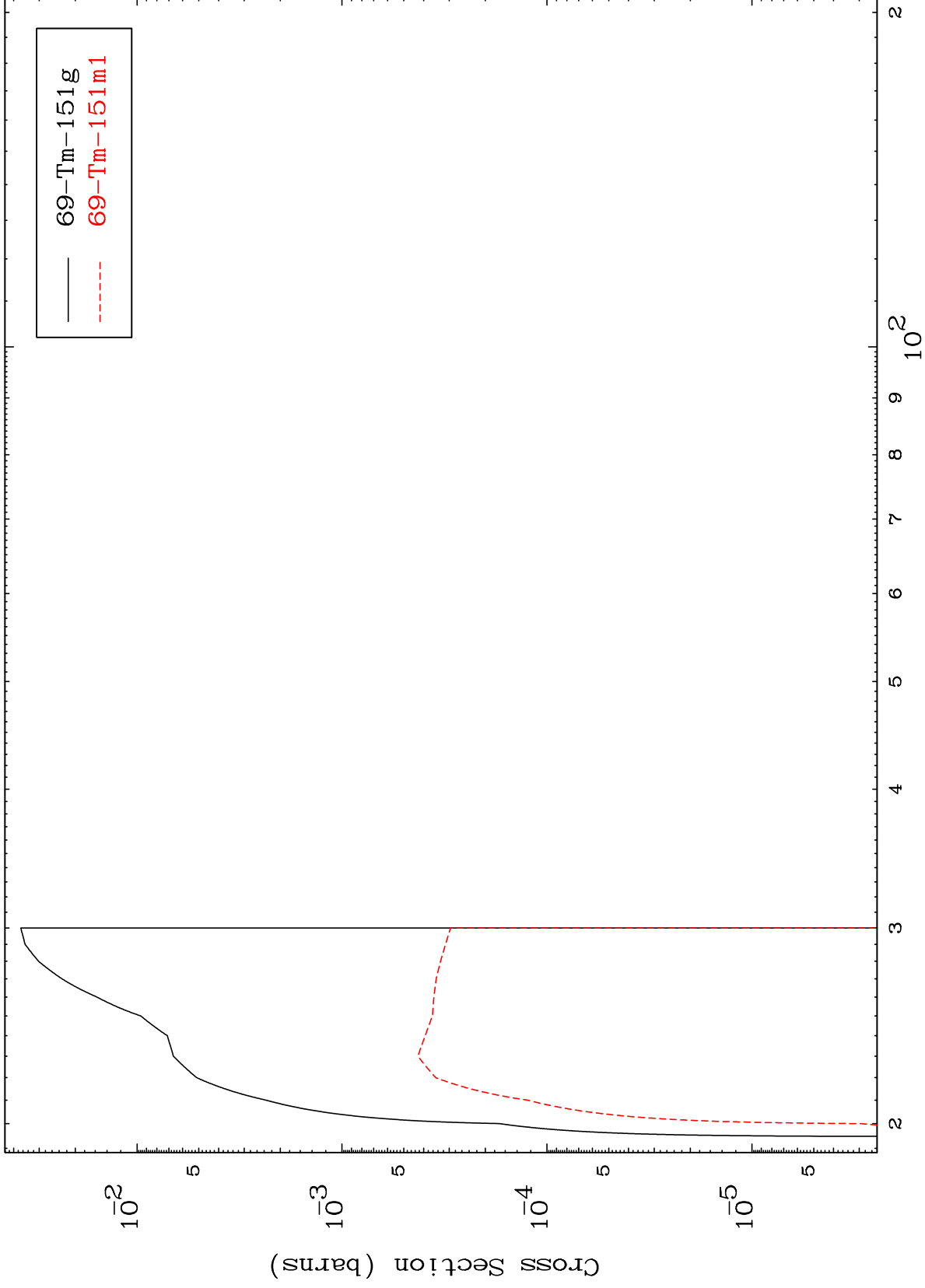
80

MAT 6877

(n,3n)

69-Tm-153

Radionuclide Production Cross Section



81

Incident Energy (MeV)

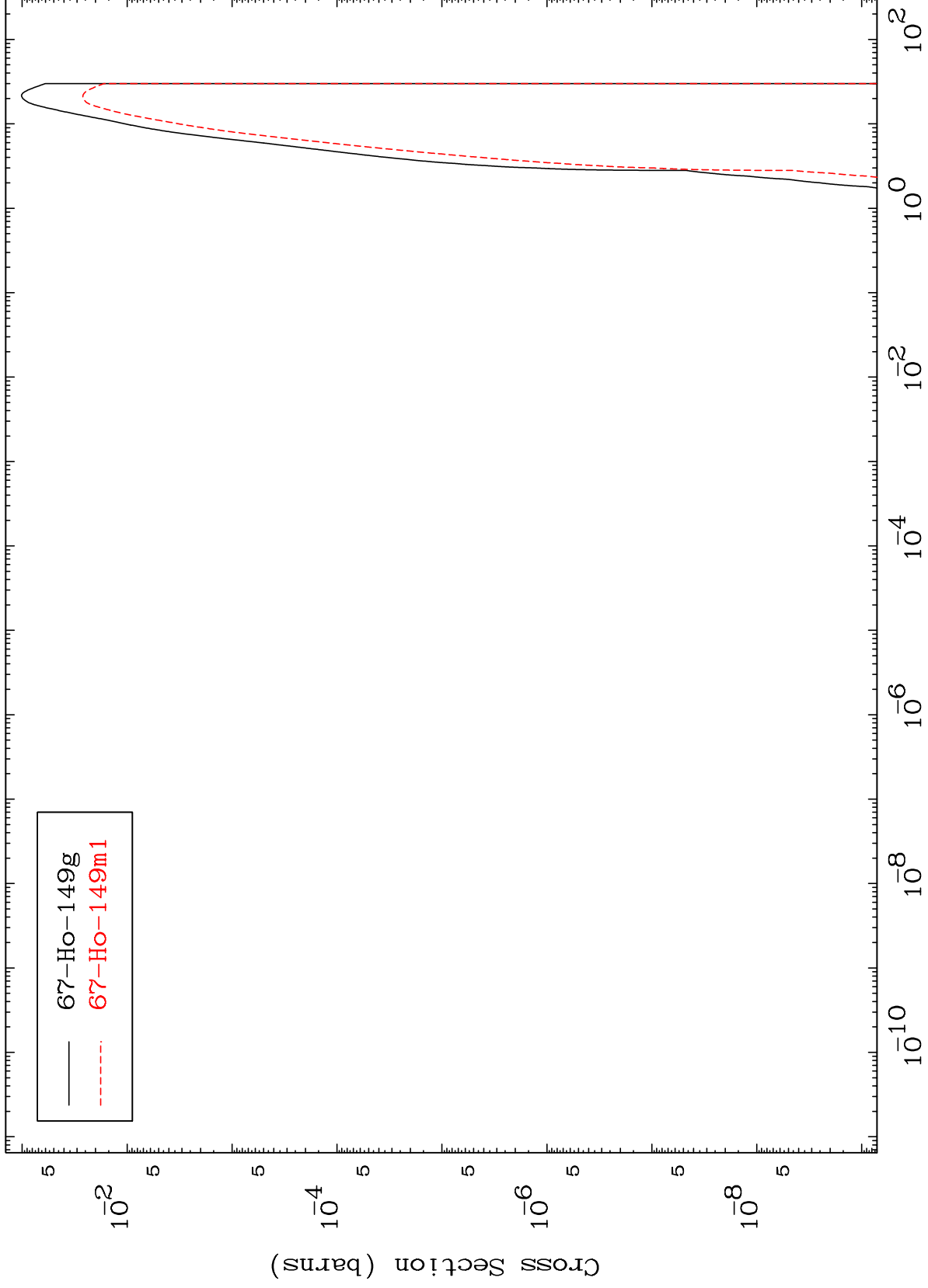
69-Tm-153

MAT 6877

$(n, n') \alpha$

69-Tm-153

Radionuclide Production Cross Section



82

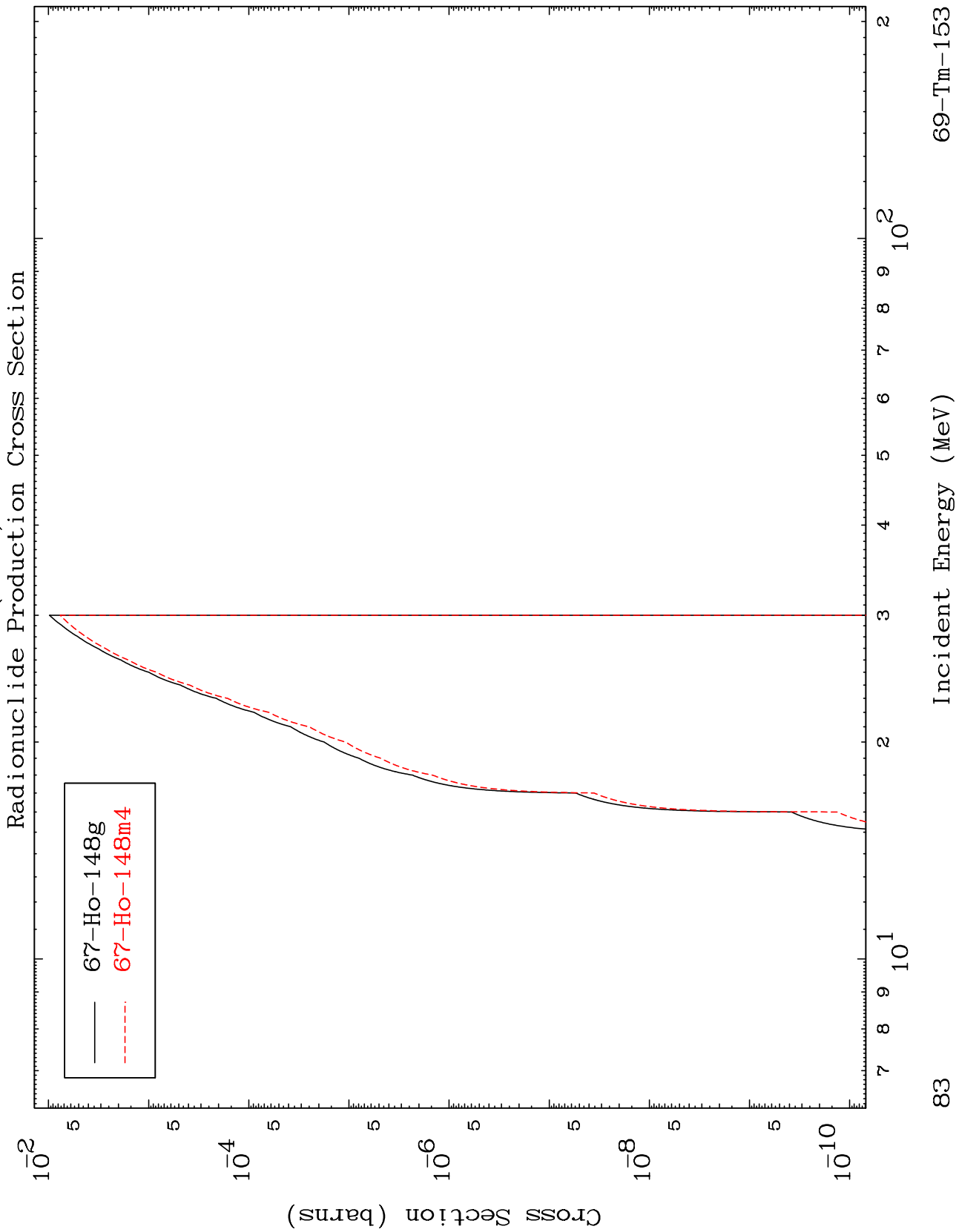
Incident Energy (MeV)

69-Tm-153

MAT 6877

$(n,2n) \alpha$

69-Tm-153



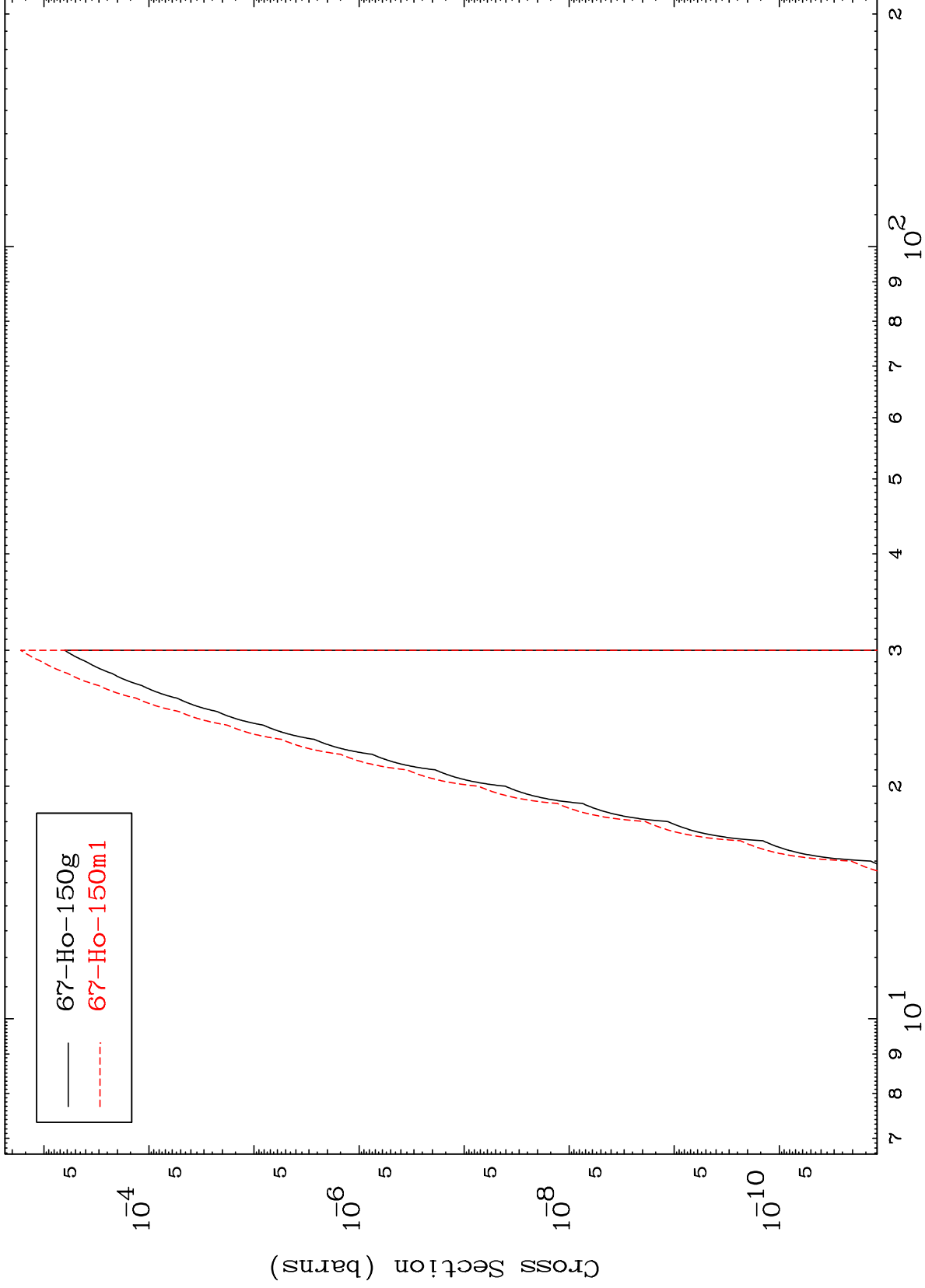
83

MAT 6877

(n,n') He-3

69-Tm-153

Radionuclide Production Cross Section



84

Incident Energy (MeV)

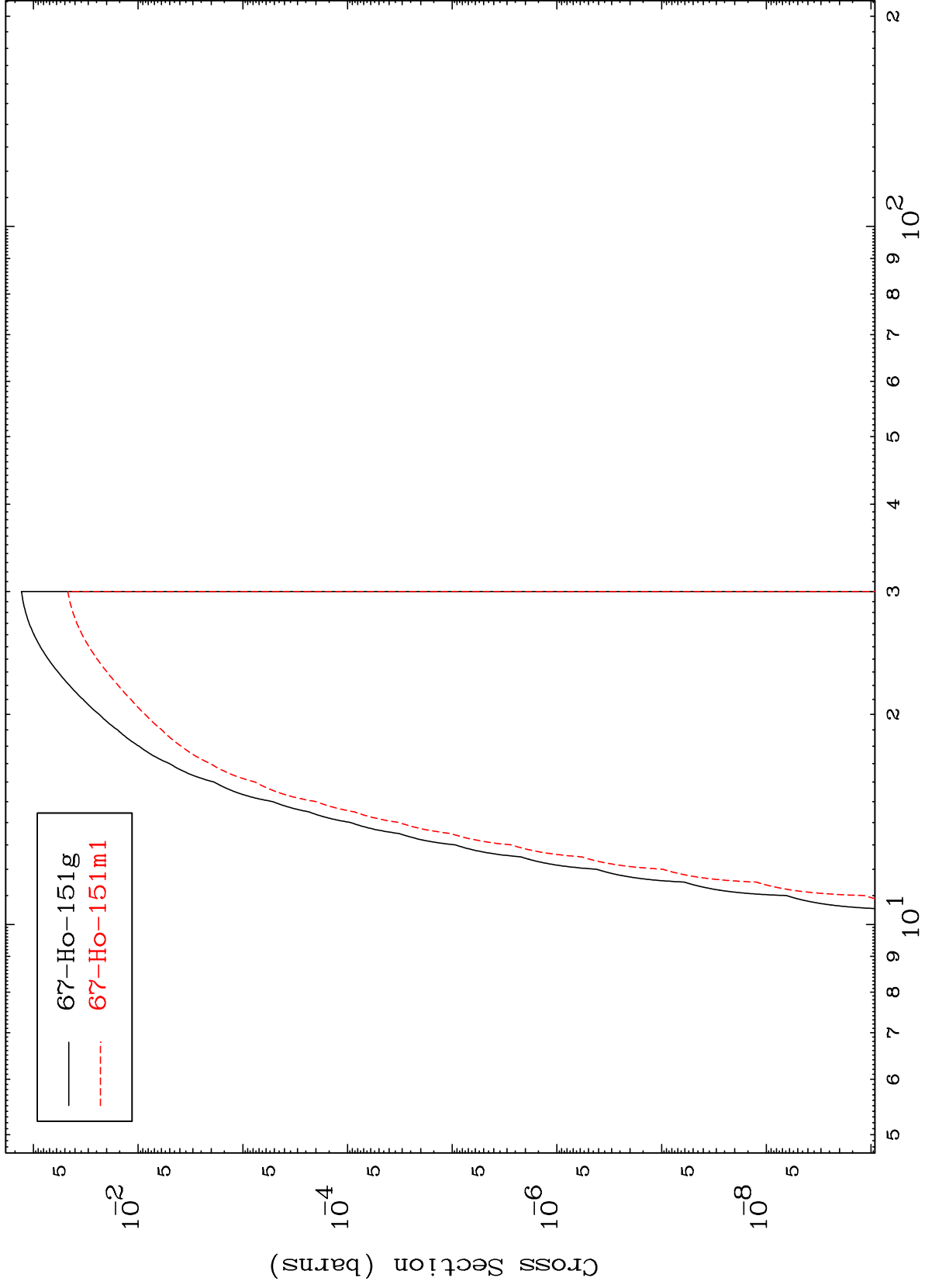
69-Tm-153

MAT 6877

(n,2n) p

69-Tm-153

Radionuclide Production Cross Section



85

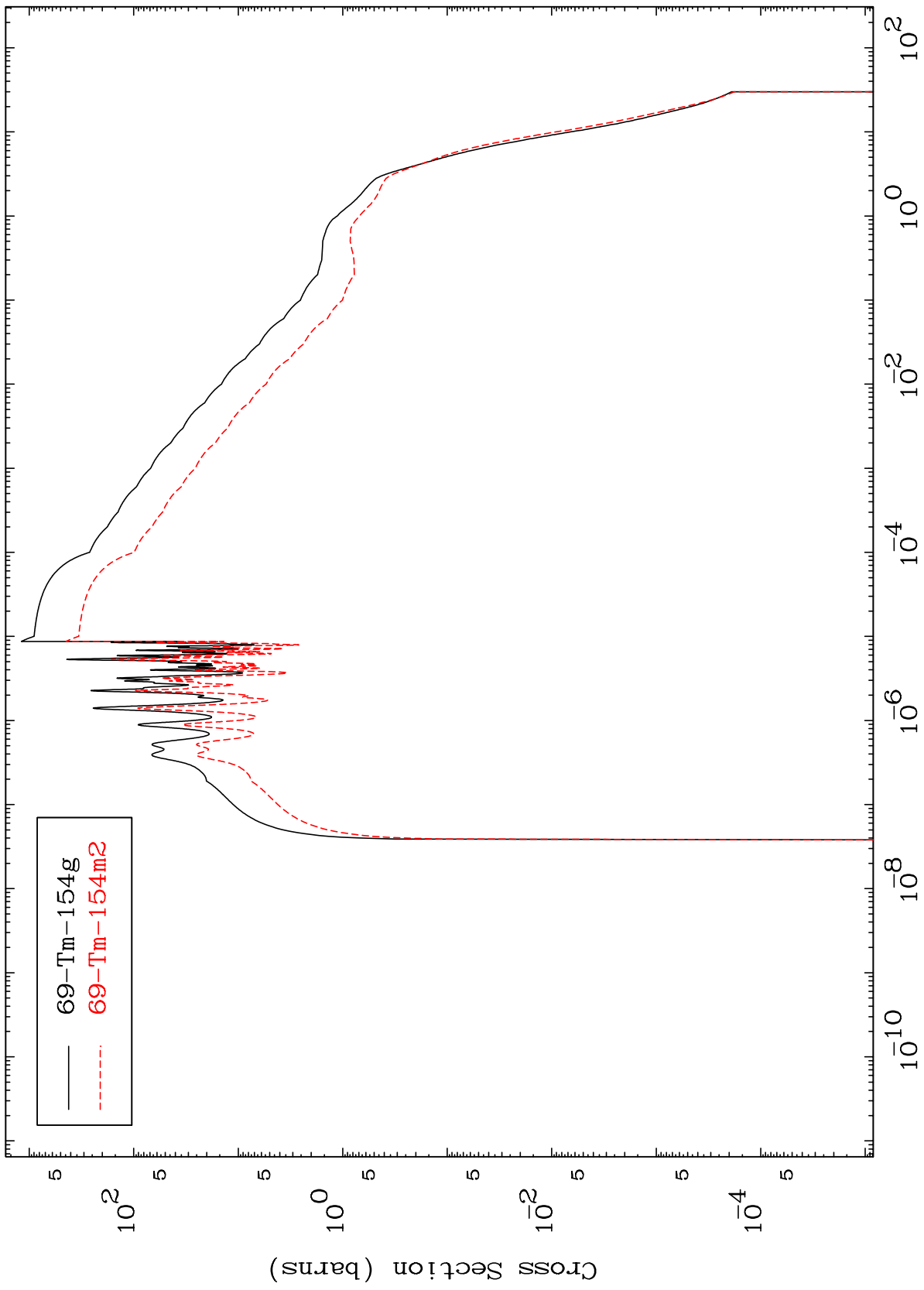
Incident Energy (MeV)

69-Tm-153

MAT 6877

69-Tm-153

Radionuclide Production Cross Section (n,γ)



86

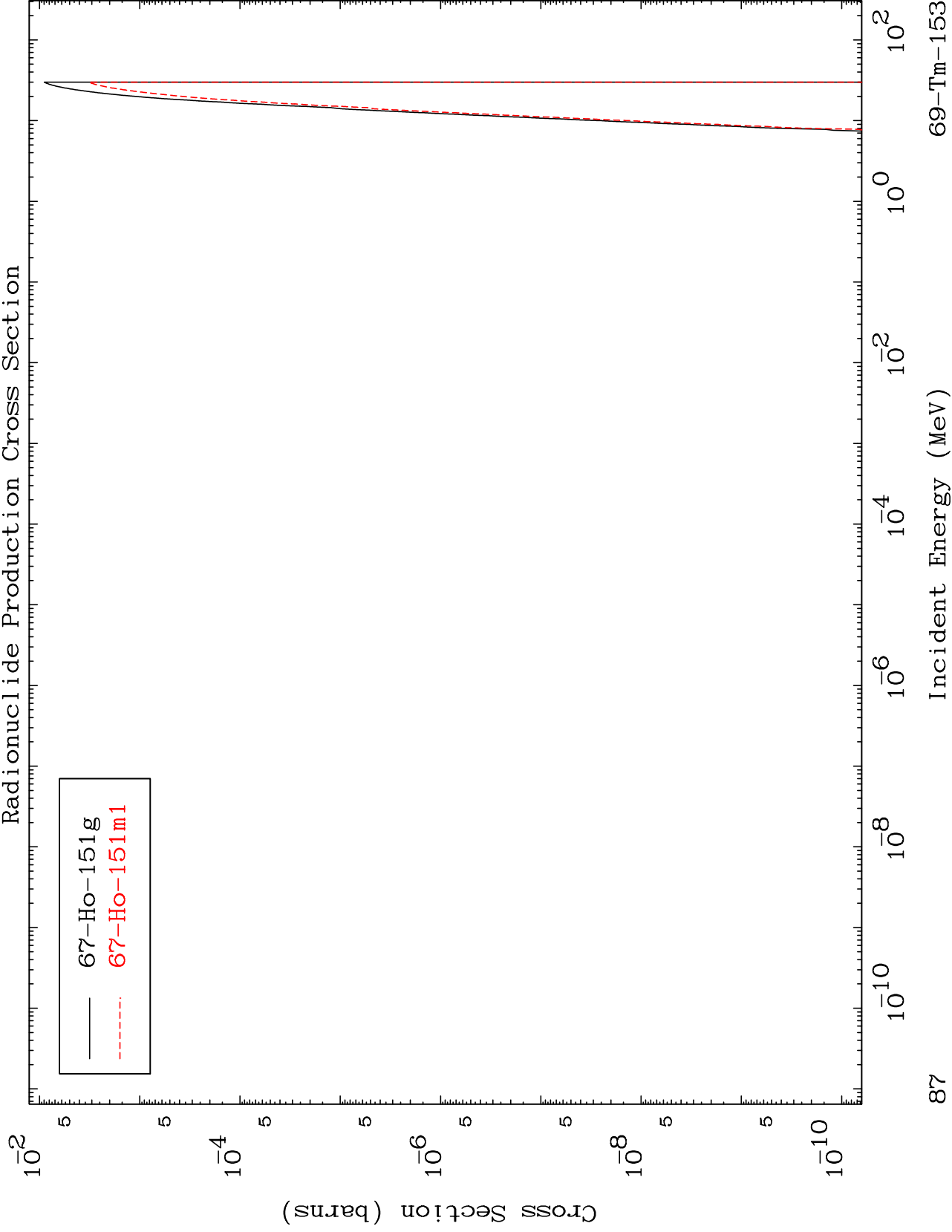
69-Tm-153

MAT 68777

(n,He-3)

69-Tm-153

Radionuclide Production Cross Section



87

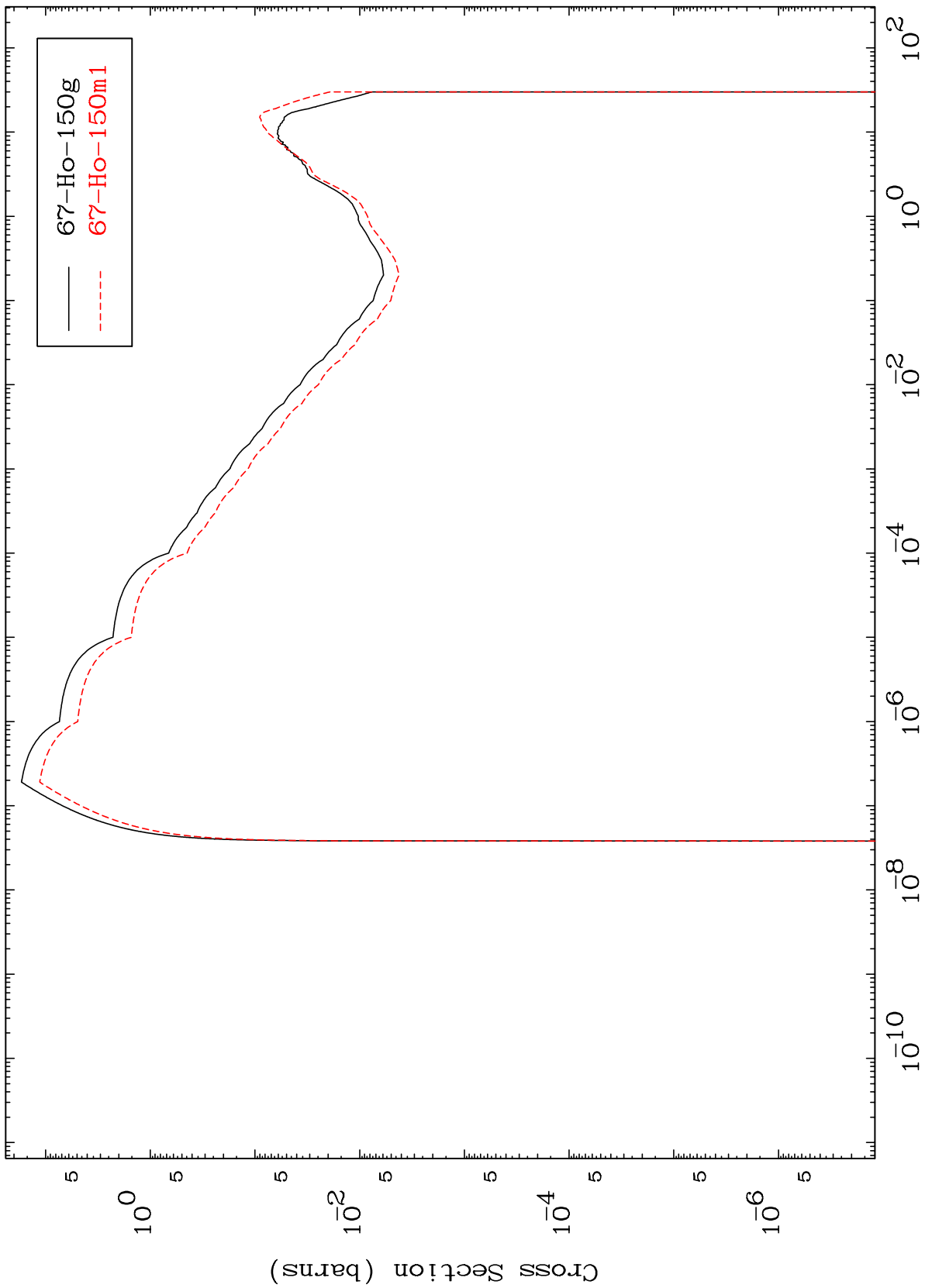
Incident Energy (MeV)

69-Tm-153

MAT 6877

69-Tm-153

(n, α)
Radionuclide Production Cross Section



88

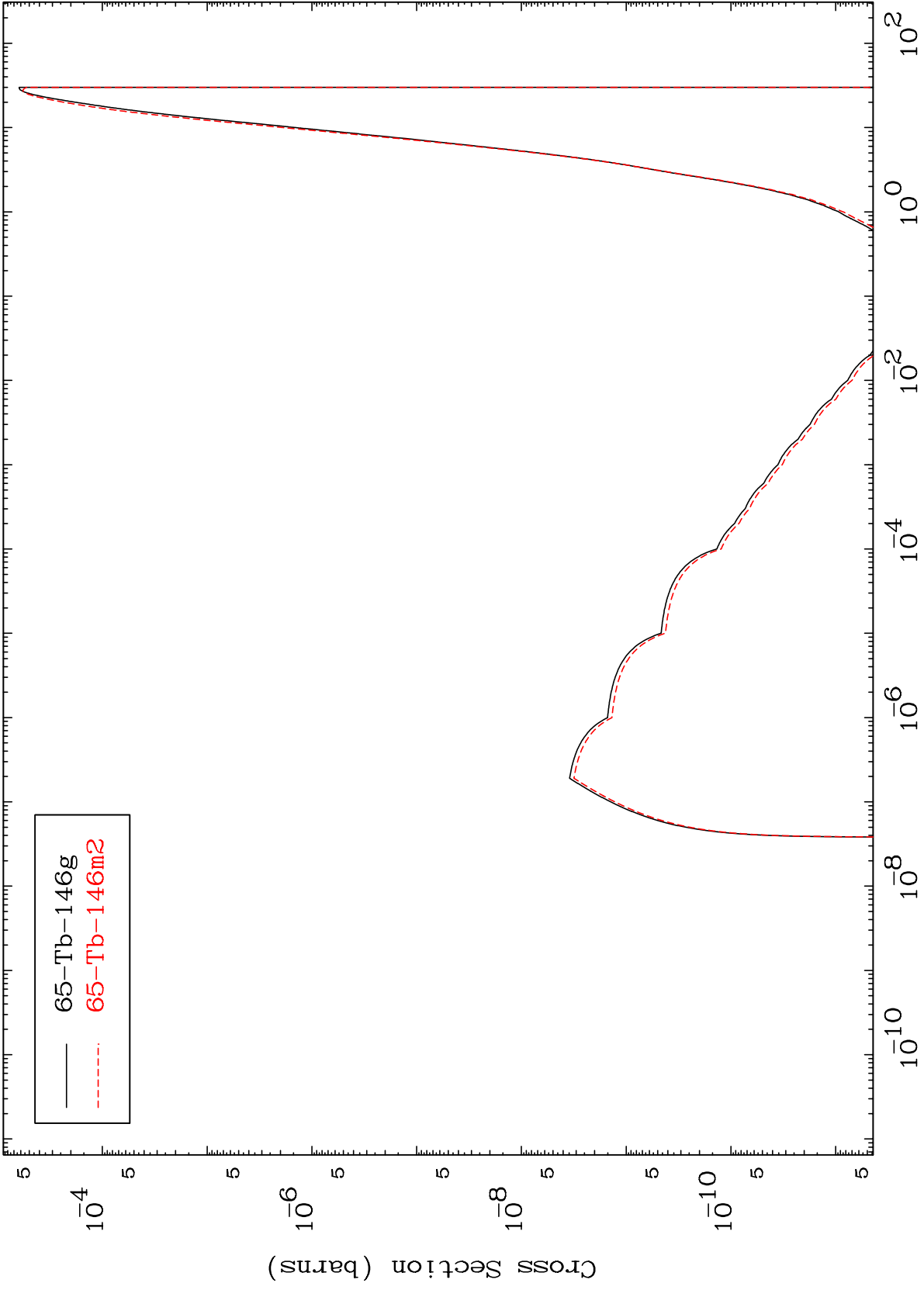
69-Tm-153

MAT 6877

(n,2α)

69-Tm-153

Radionuclide Production Cross Section



89

Incident Energy (MeV)

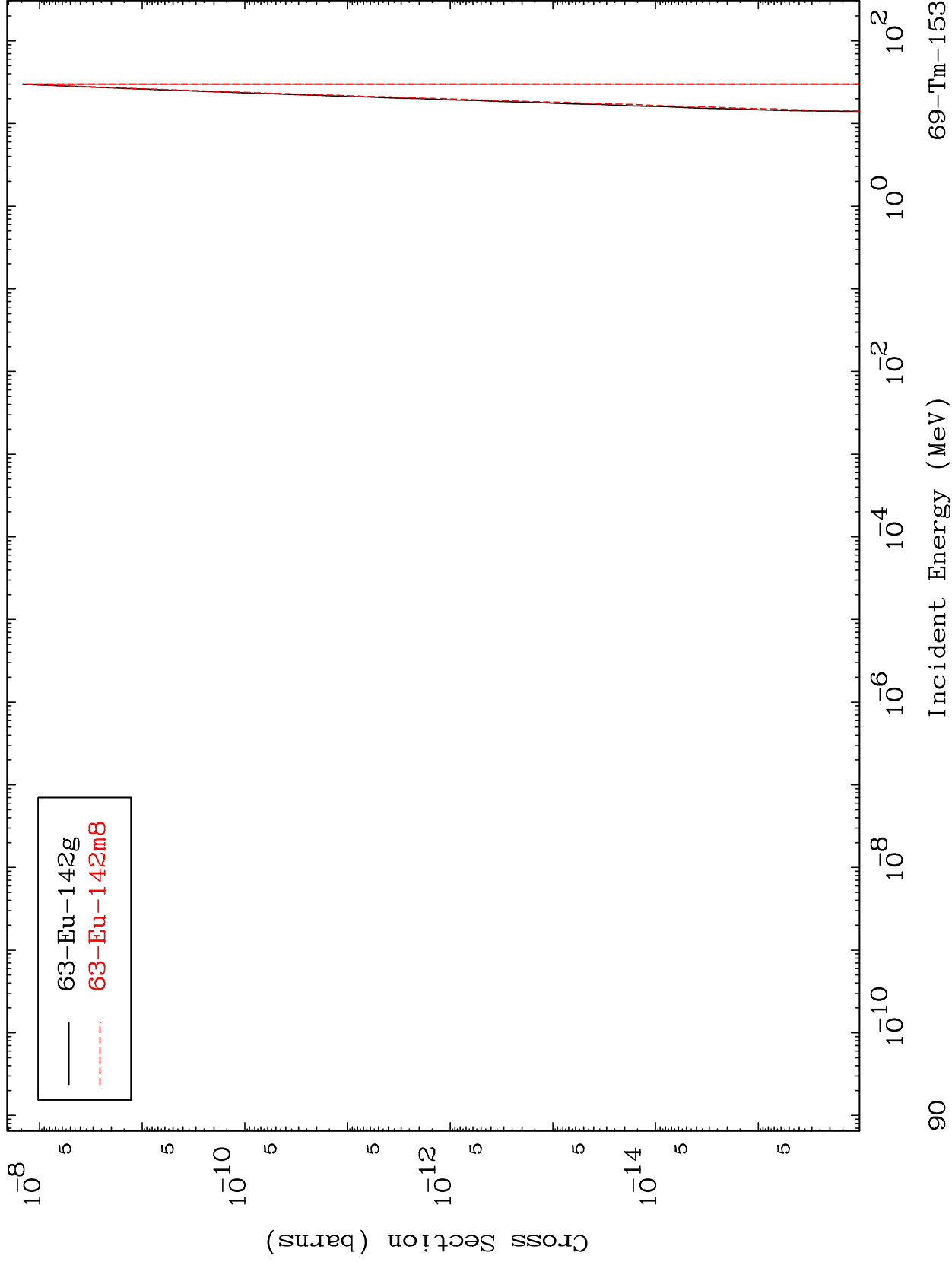
69-Tm-153

MAT 6877

(n,3 α)

69-Tm-153

Radionuclide Production Cross Section



90

Incident Energy (MeV)

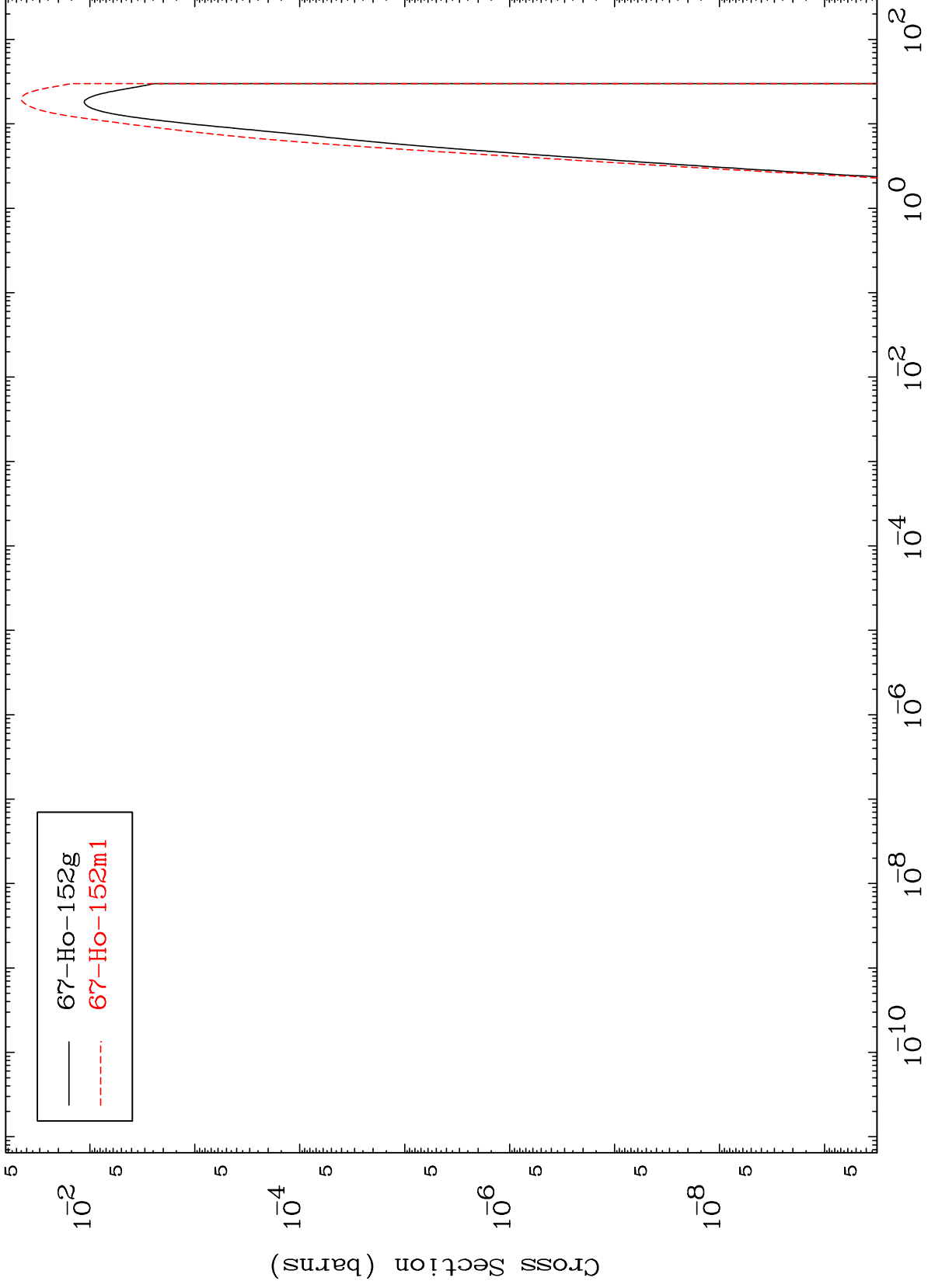
69-Tm-153

MAT 6877

(n,2p)

69-Tm-153

Radionuclide Production Cross Section

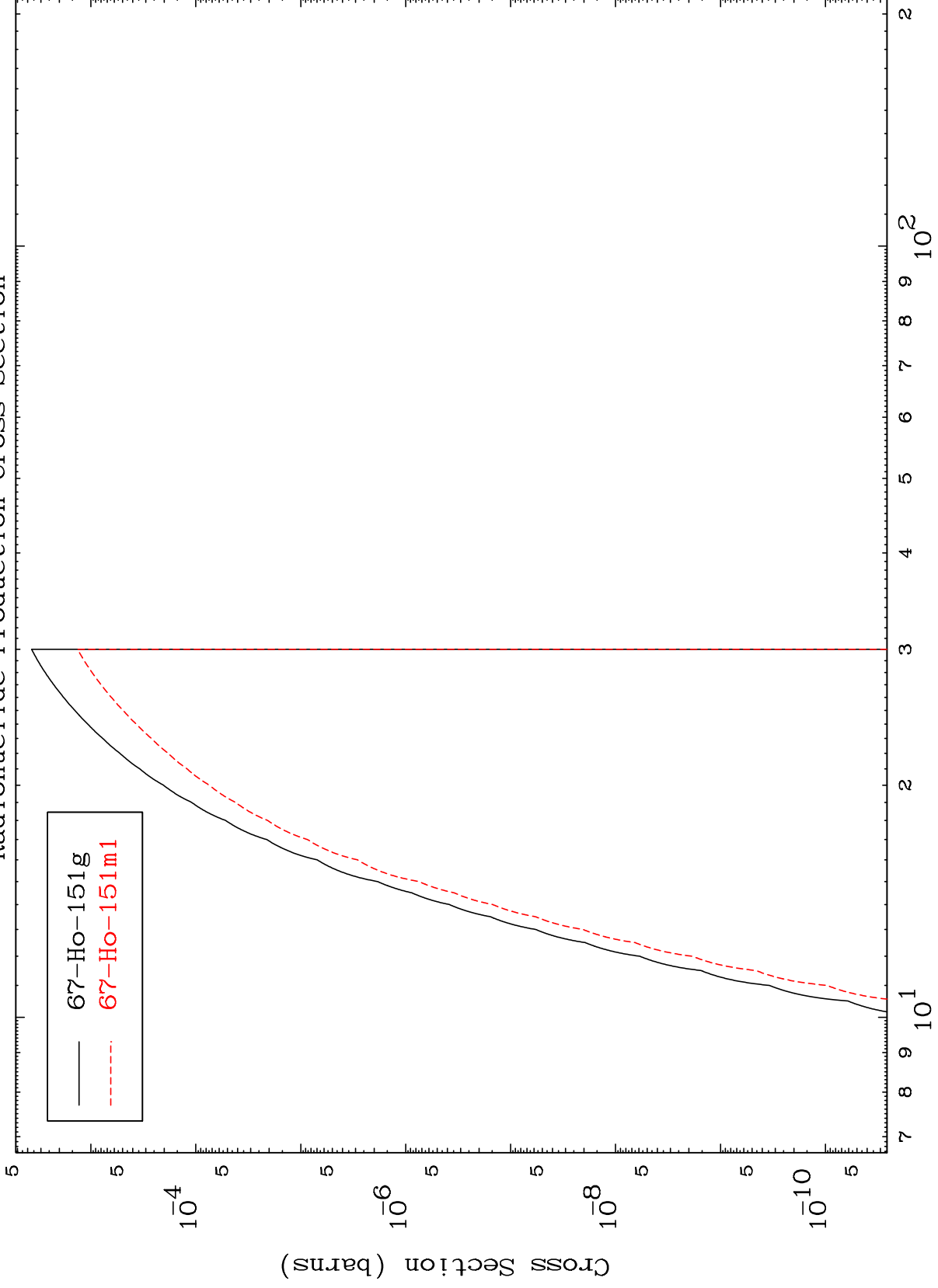


MAT 6877

(n,p) d

69-Tm-153

Radionuclide Production Cross Section



92

Incident Energy (MeV)

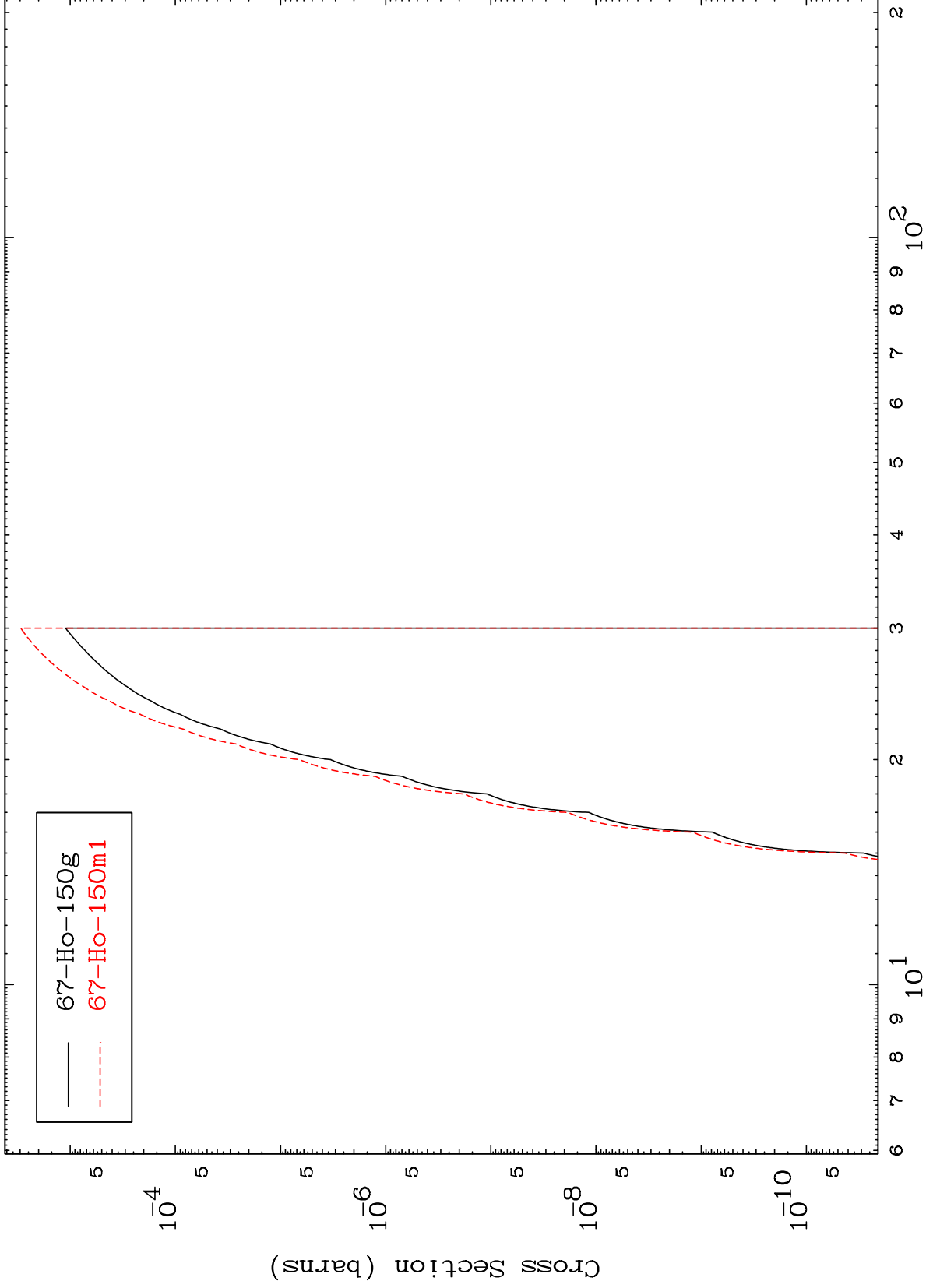
69-Tm-153

MAT 6877

(n,p) t

69-Tm-153

Radionuclide Production Cross Section



93

Incident Energy (MeV)

69-Tm-153