

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

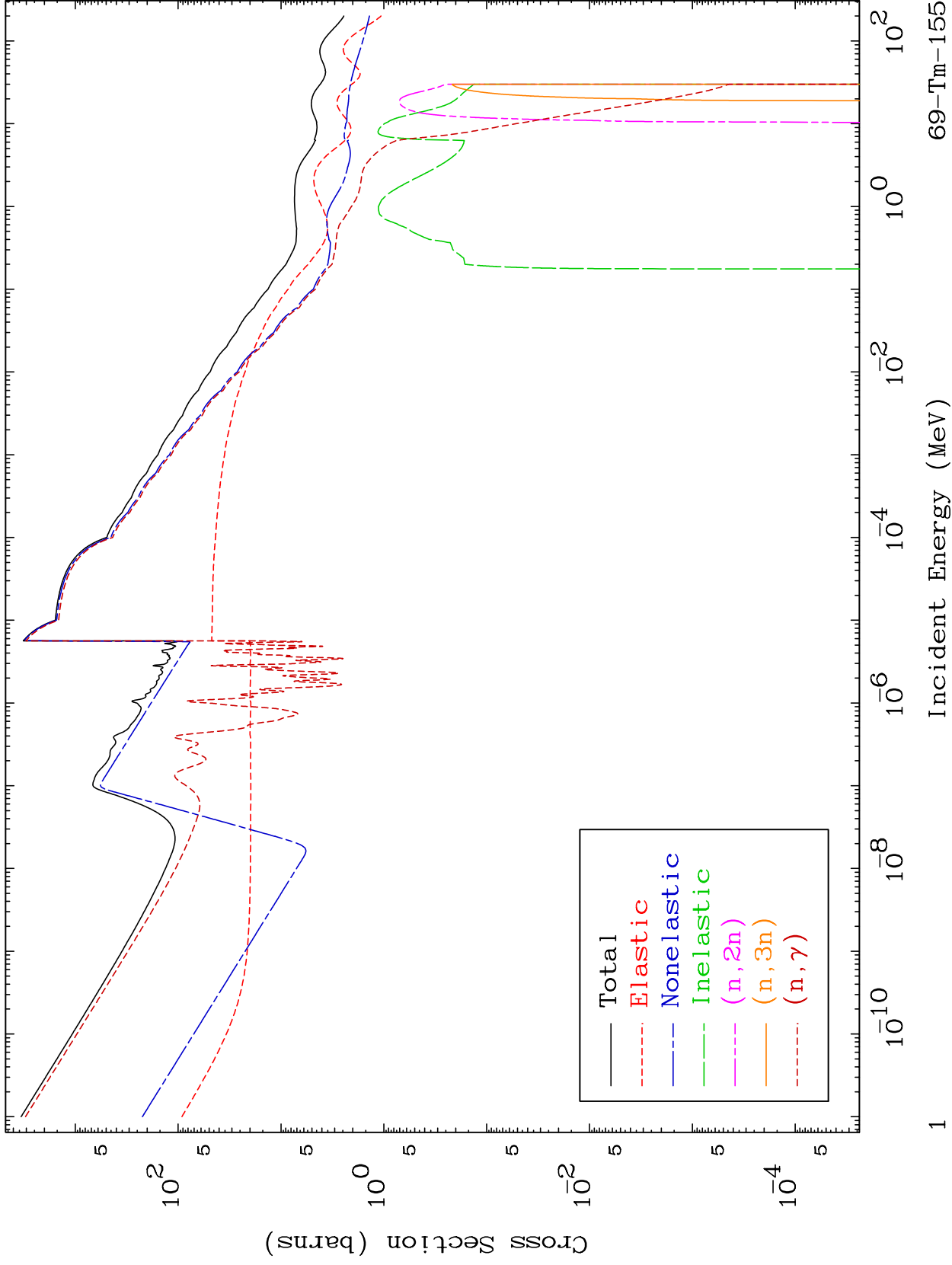
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6883

Neutron Major
293 Kelvin Cross Sections

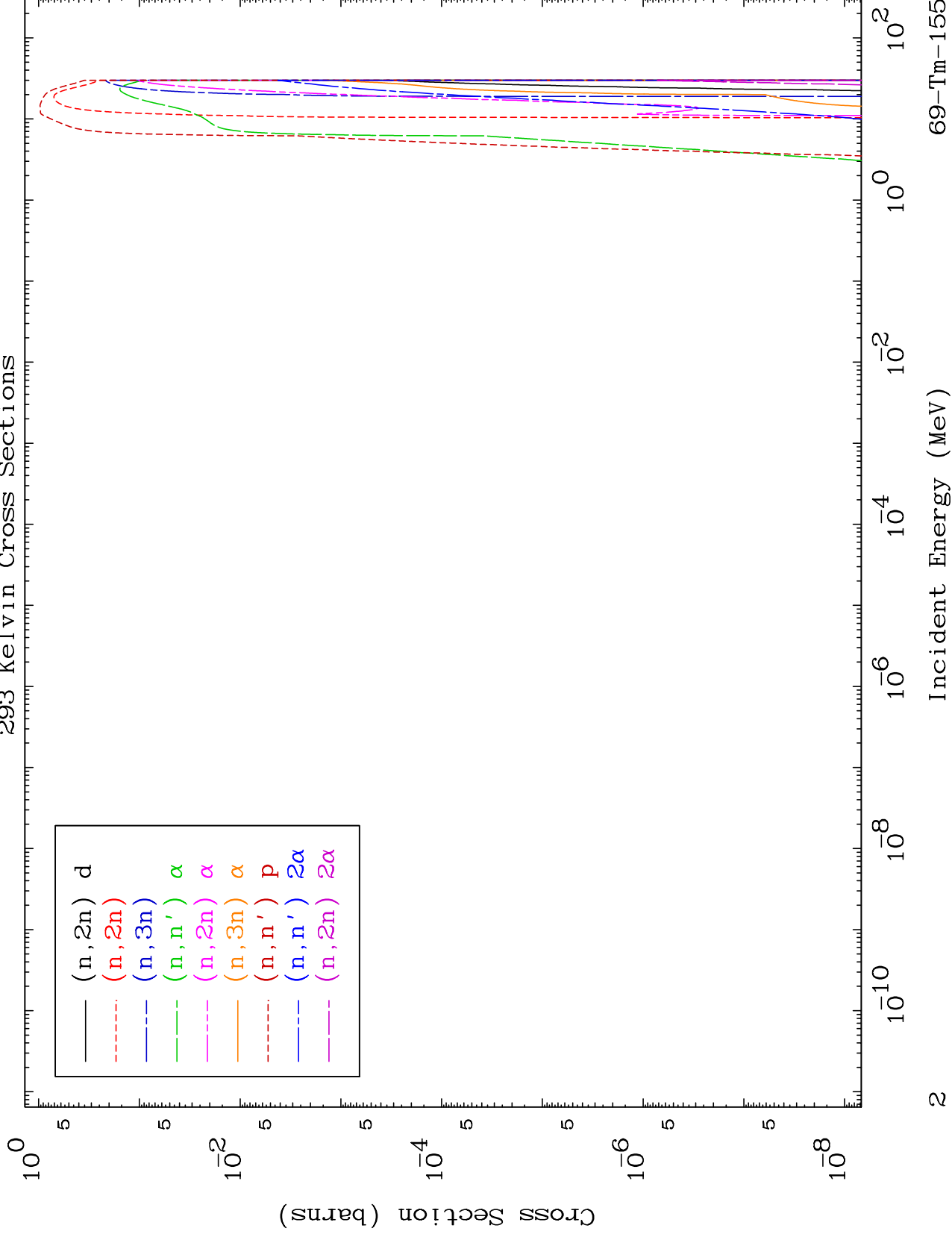
69-Tm-155



MAT 6883

Neutron Absorption
293 Kelvin Cross Sections

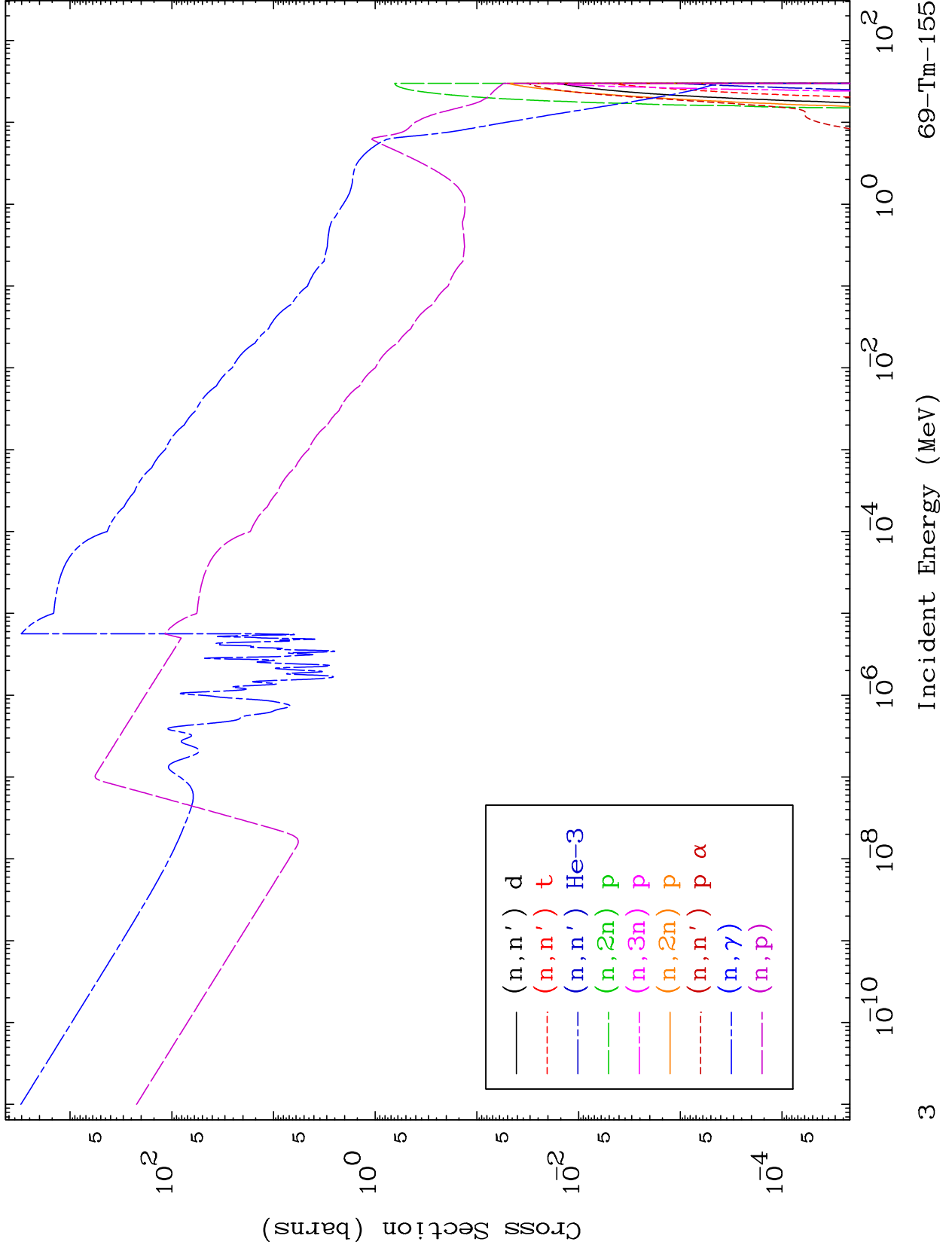
69-Tm-155



MAT 6883

Neutron Absorption
293 Kelvin Cross Sections

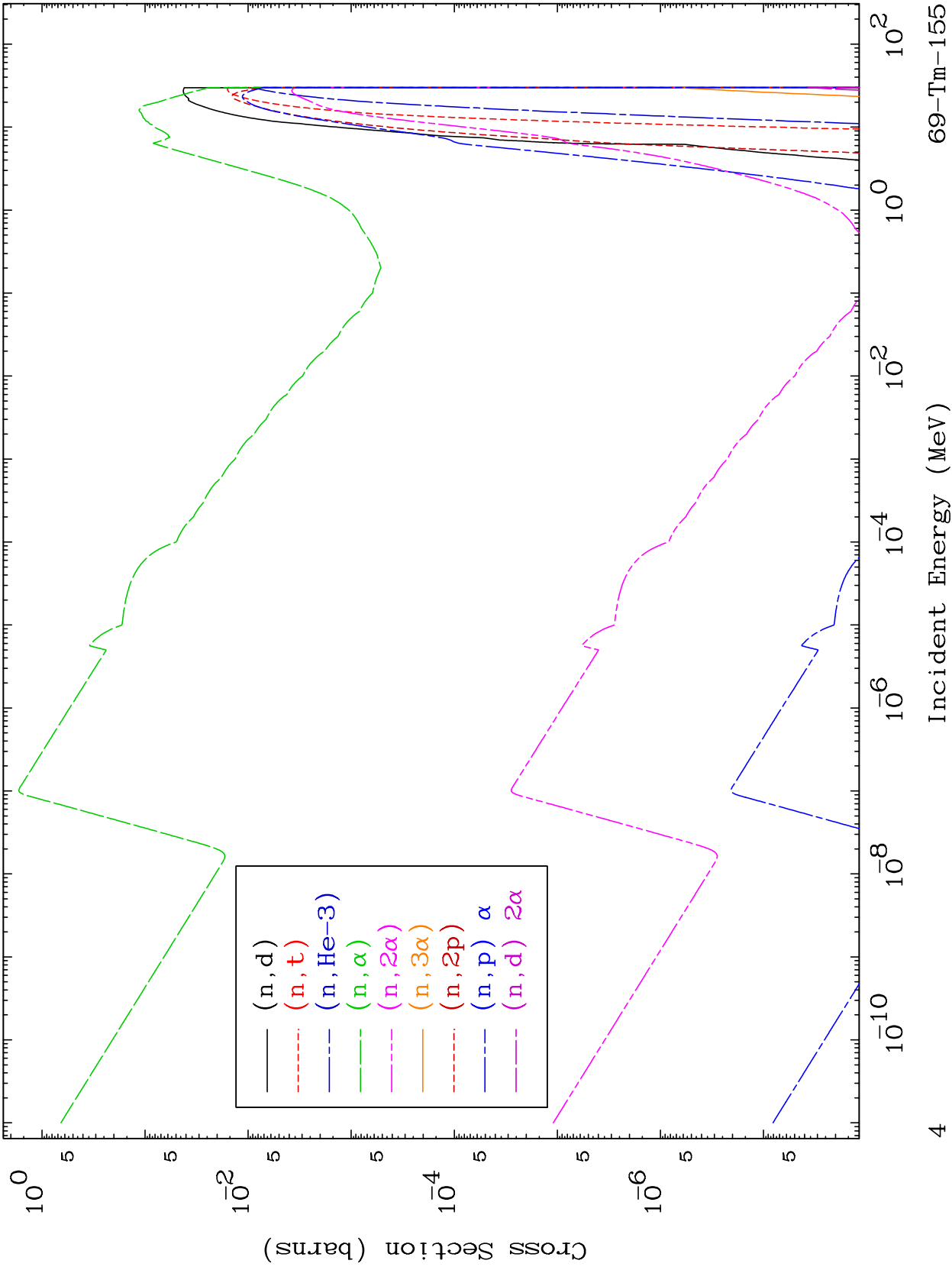
69-Tm-155

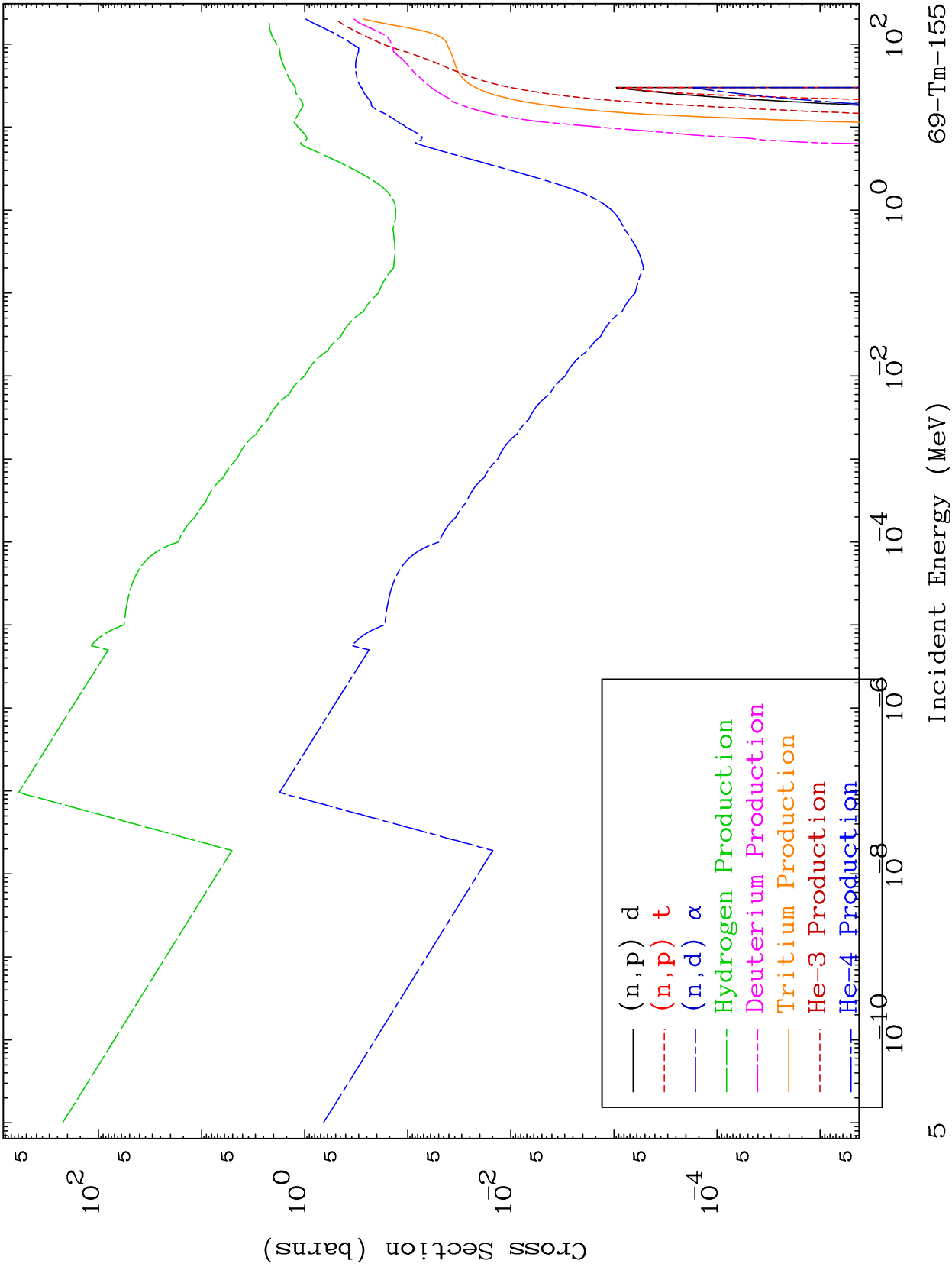


MAT 6883

Neutron Absorption
293 Kelvin Cross Sections

69-Tm-155

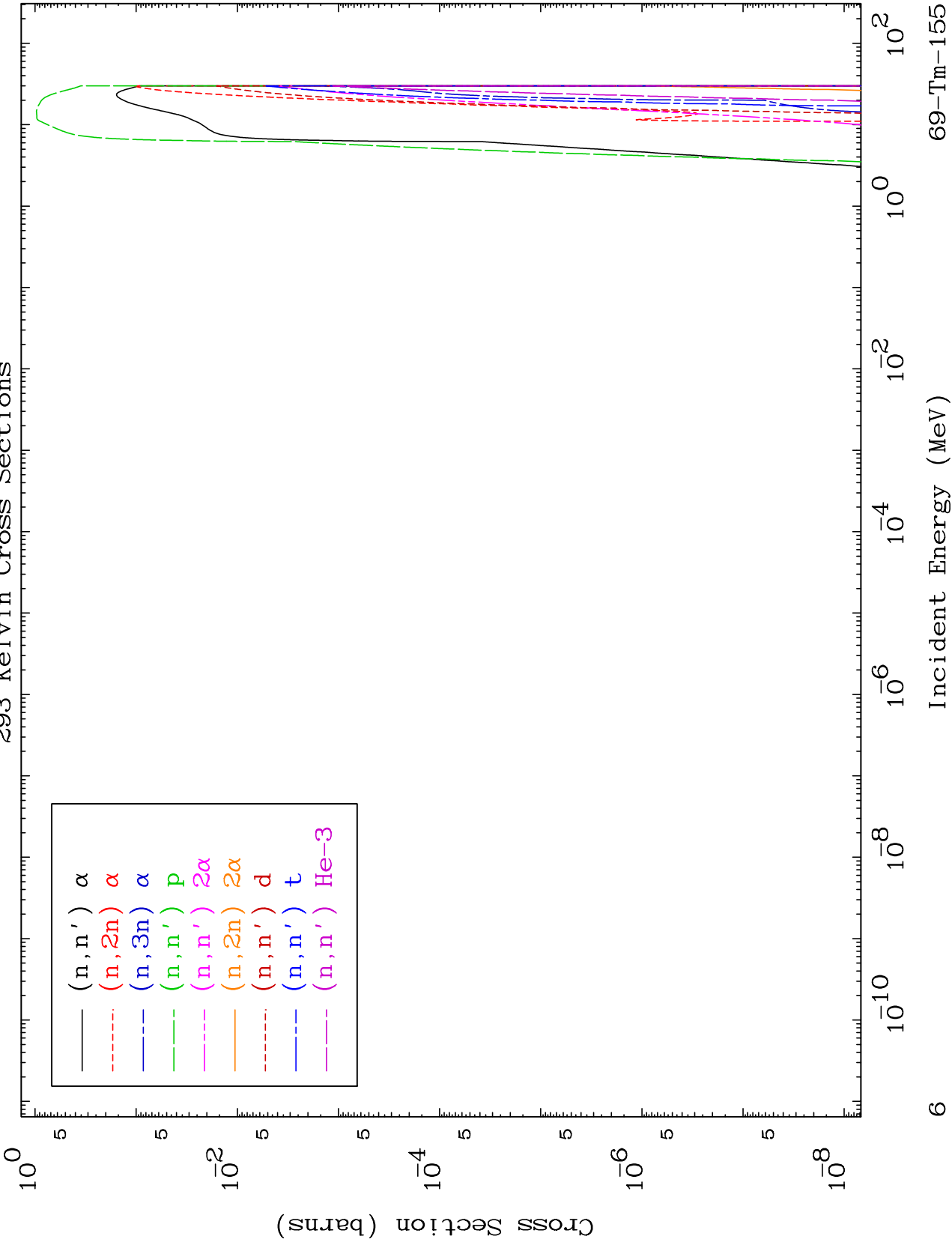




MAT 6883

Charged Particle
293 Kelvin Cross Sections

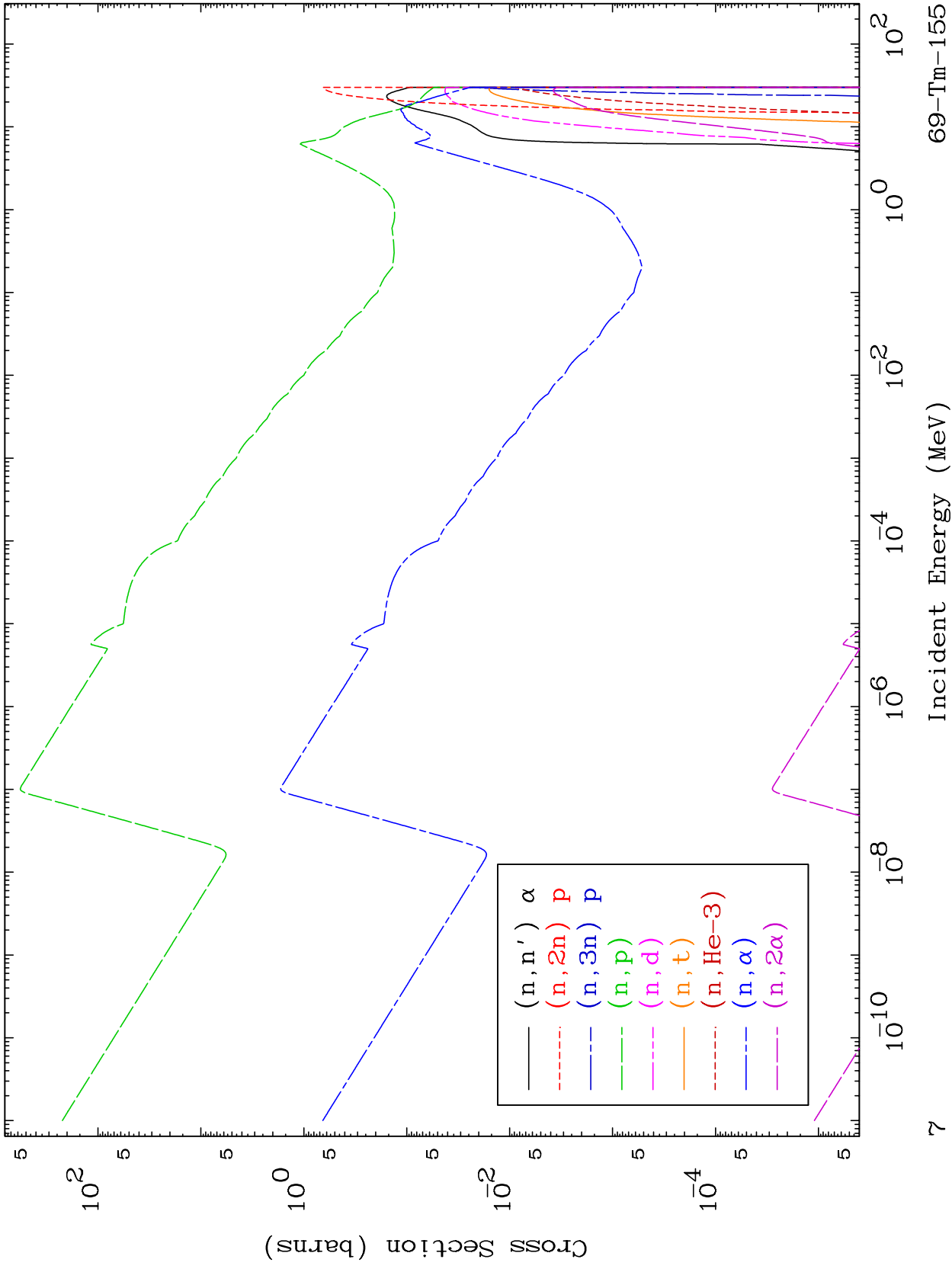
69-Tm-155



MAT 6883

Charged Particle
293 Kelvin Cross Sections

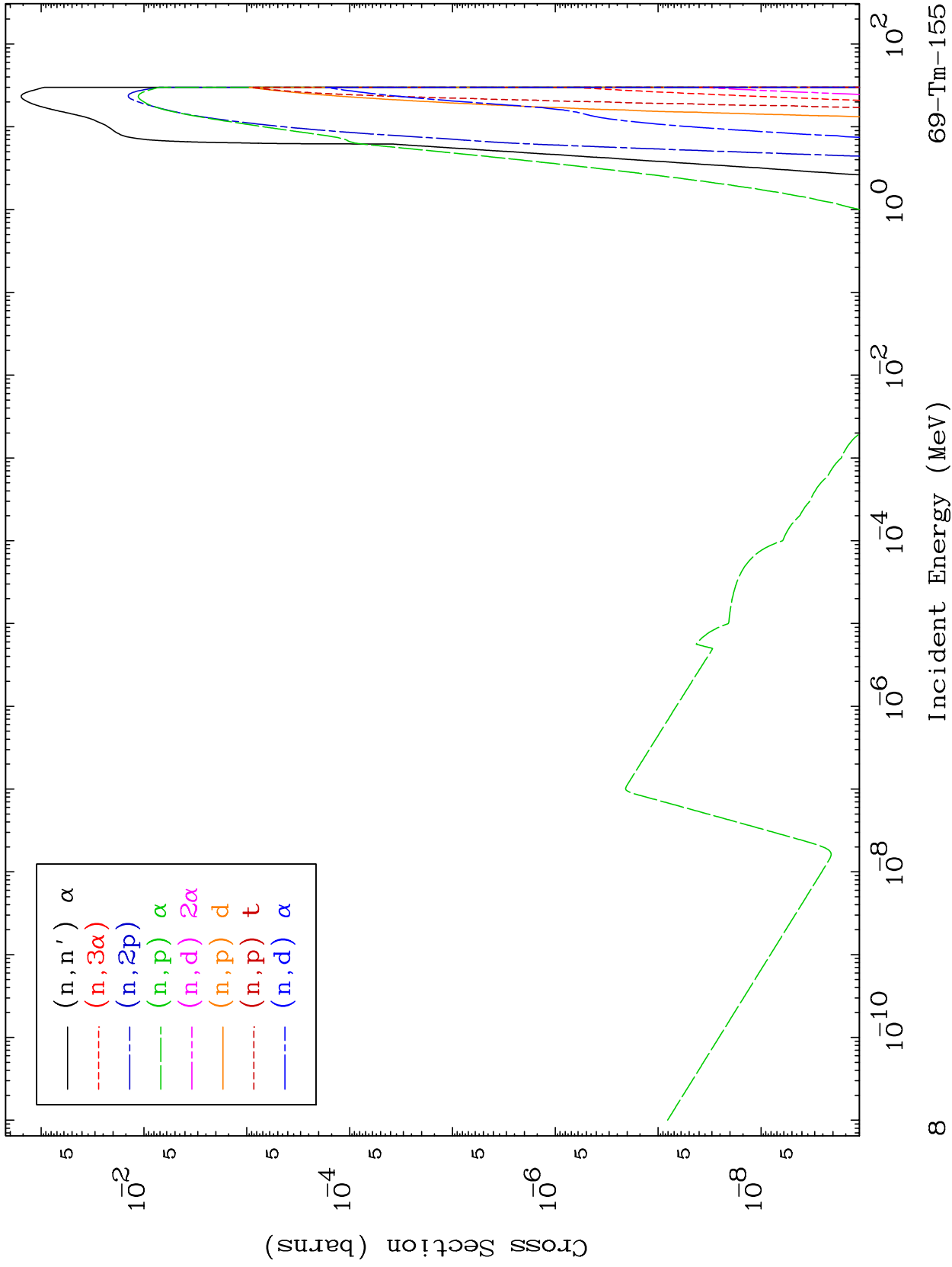
69-Tm-155

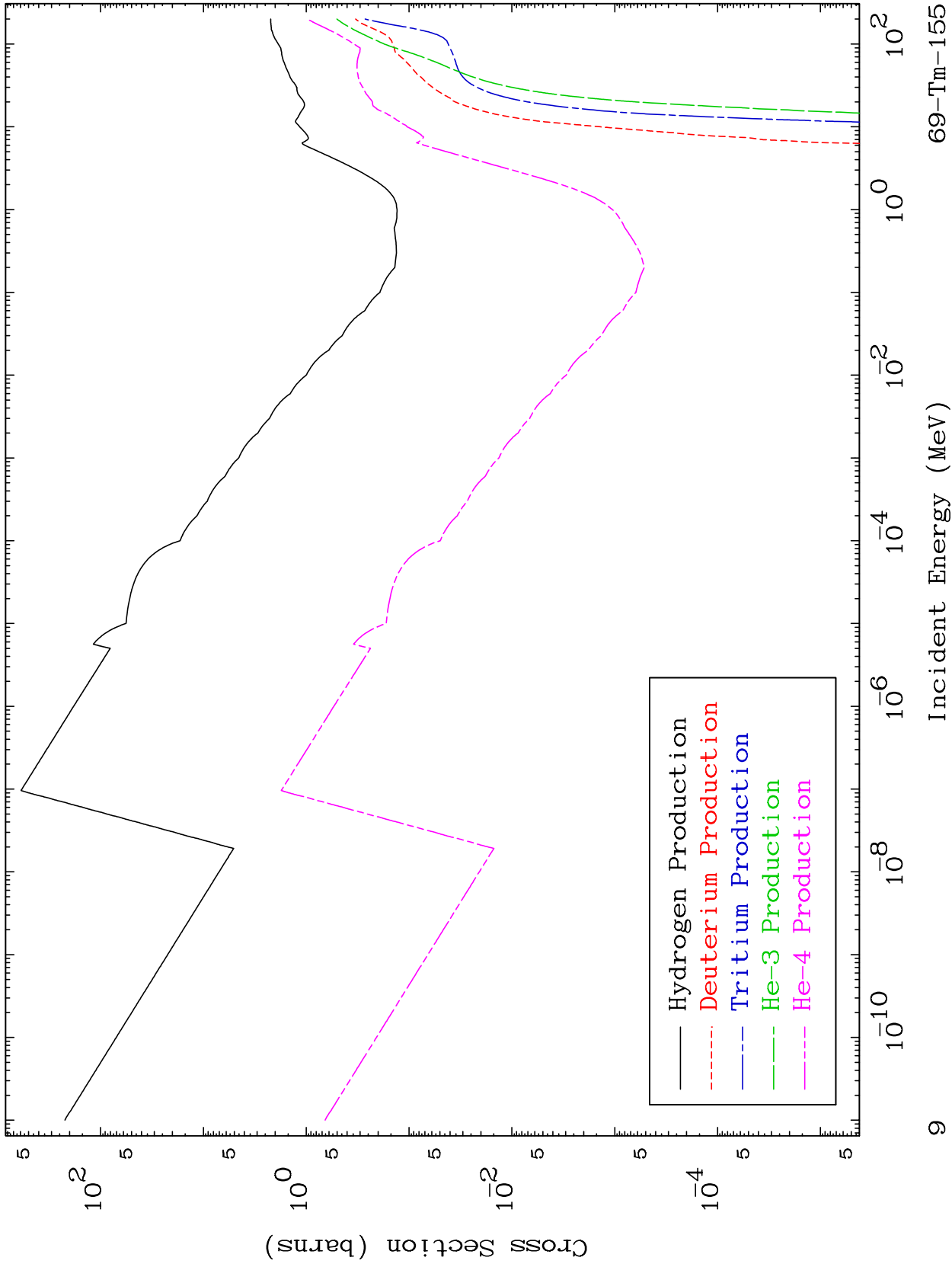


MAT 6883

Charged Particle
293 Kelvin Cross Sections

69-Tm-155

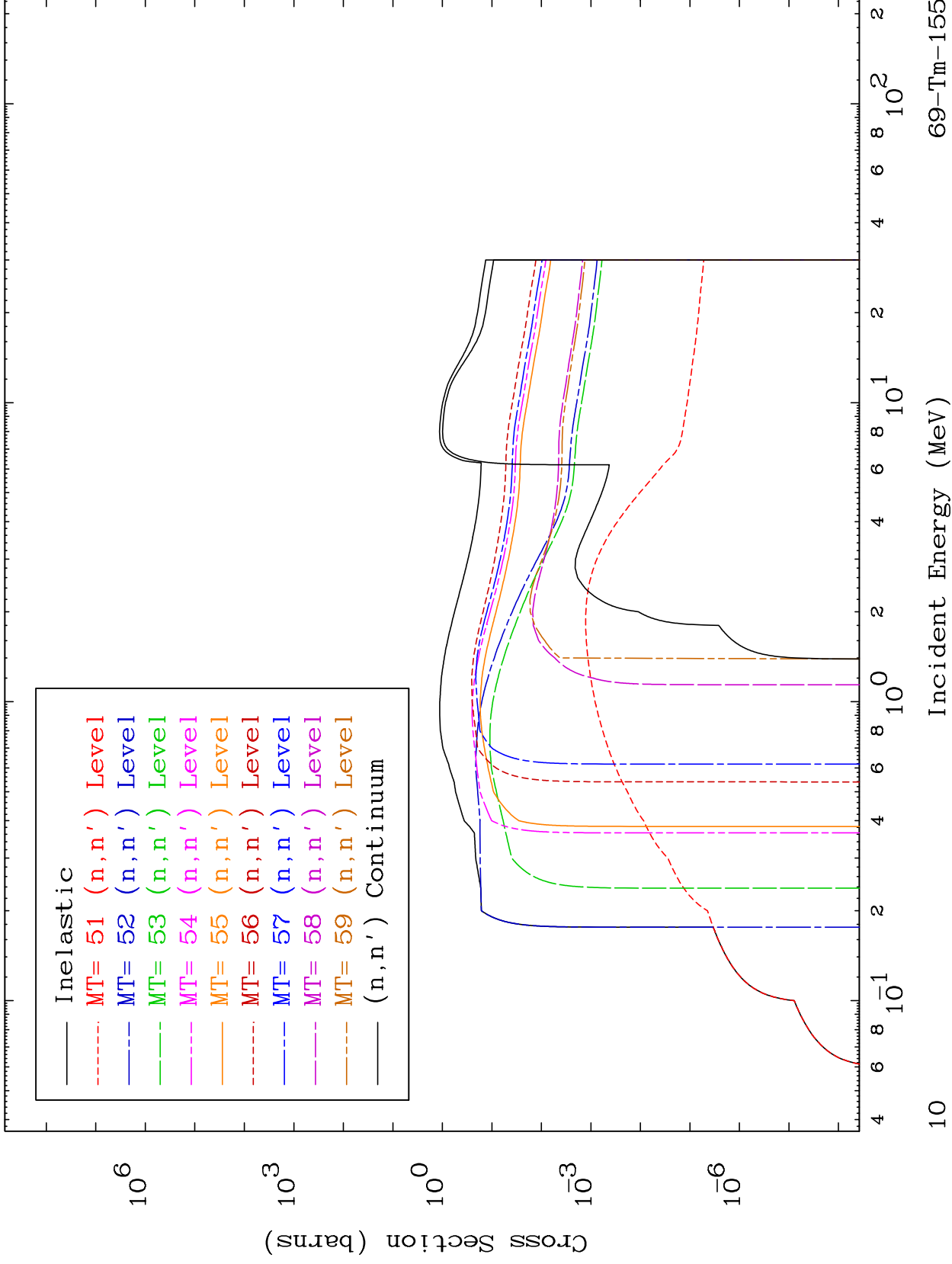




MAT 6883

(n,n') Levels
293 Kelvin Cross Sections

69-Tm-155



10

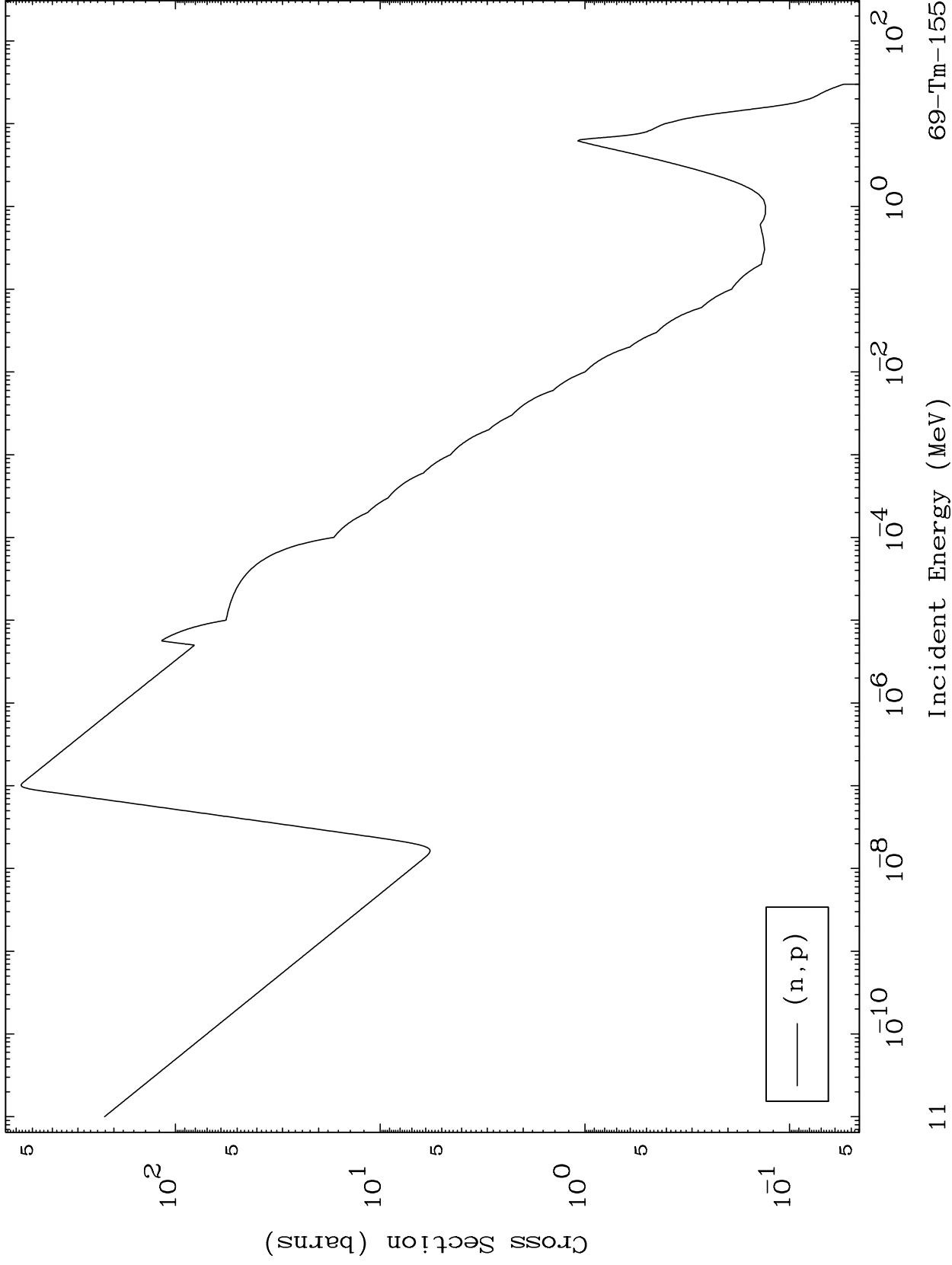
Incident Energy (MeV)

69-Tm-155

MAT 6883

(n,p) Levels
293 Kelvin Cross Sections

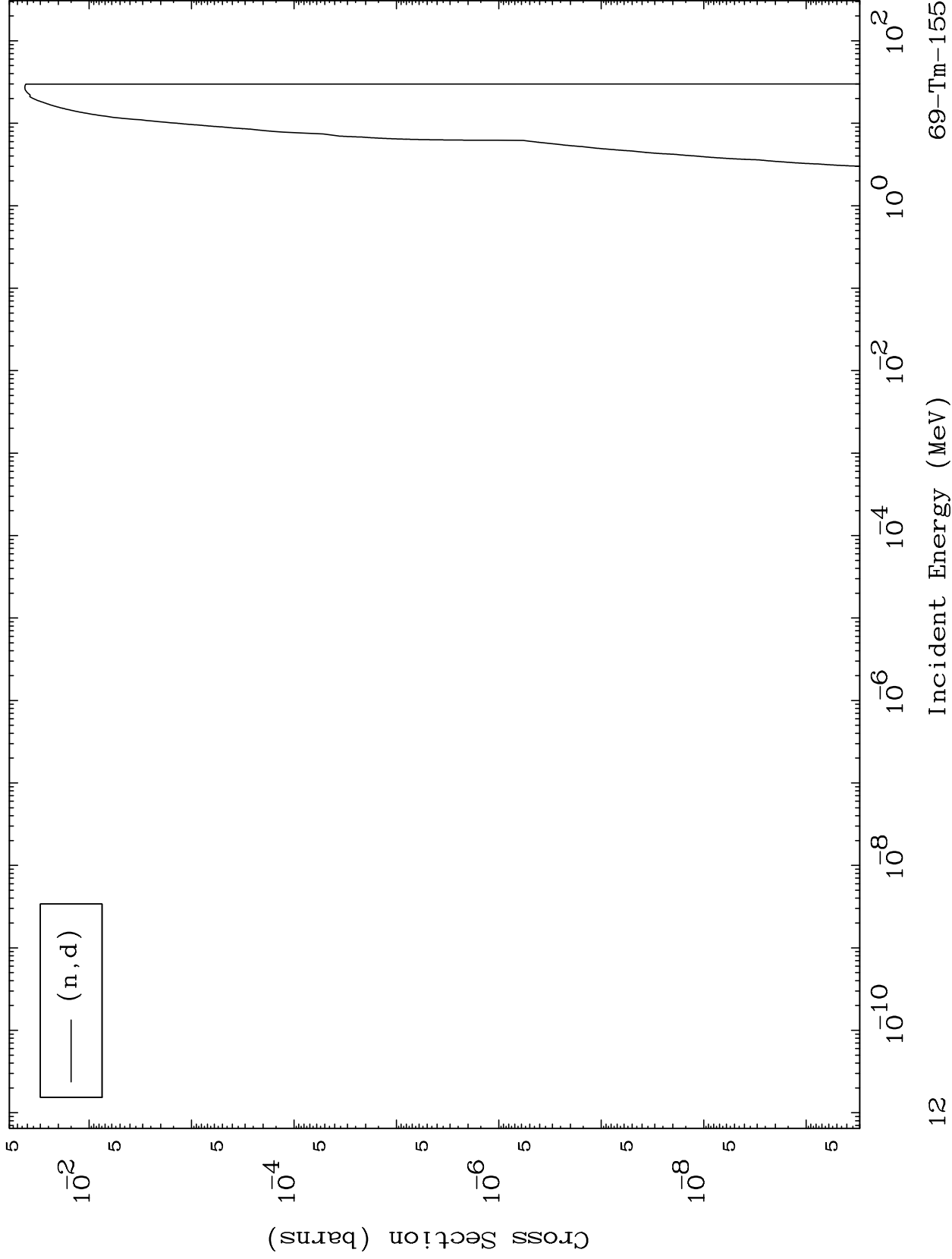
69-Tm-155



MAT 6883

(n,d) Levels
293 Kelvin Cross Sections

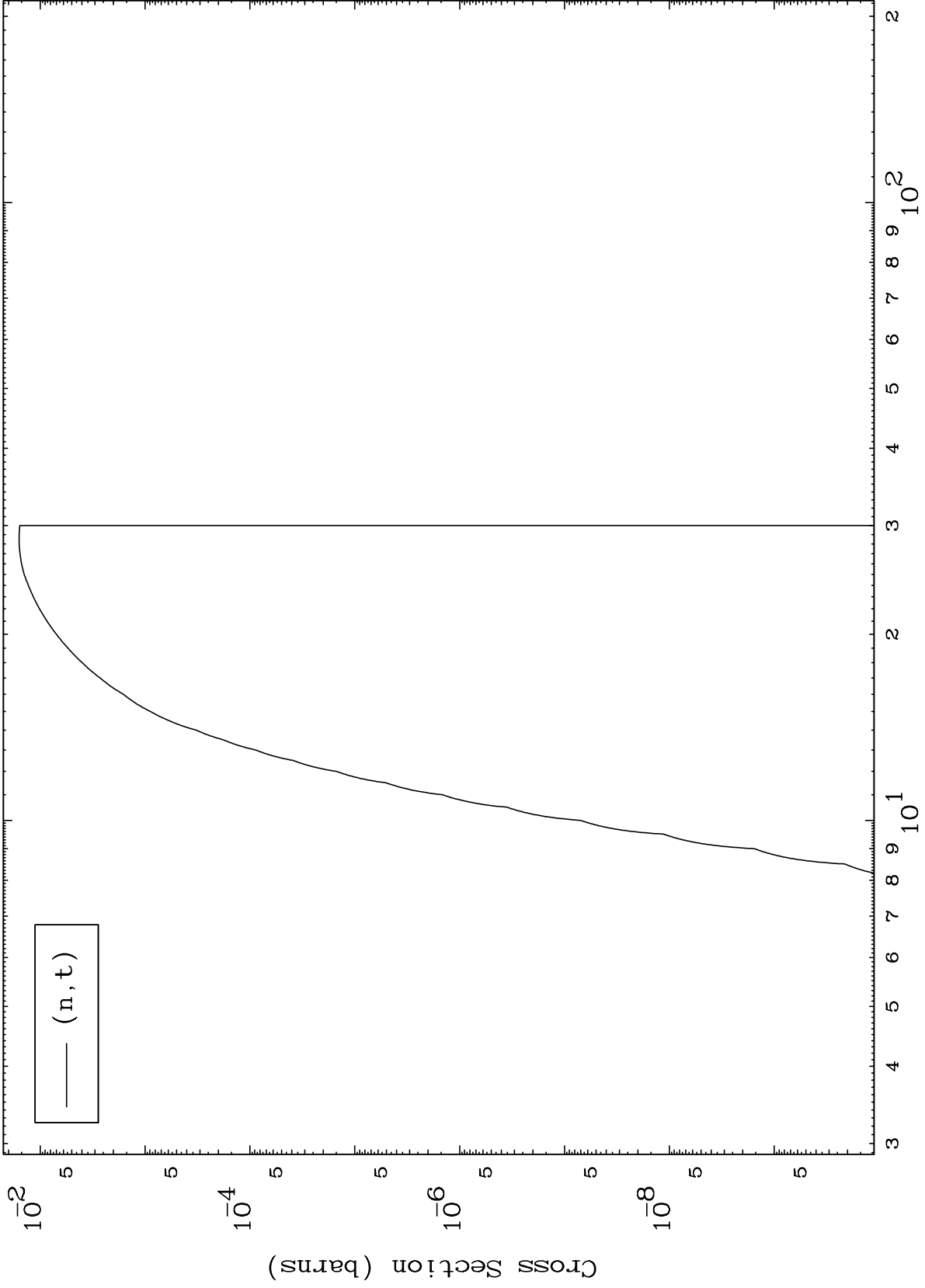
69-Tm-155



MAT 6883

(n,t) Levels
293 Kelvin Cross Sections

69-Tm-155



13

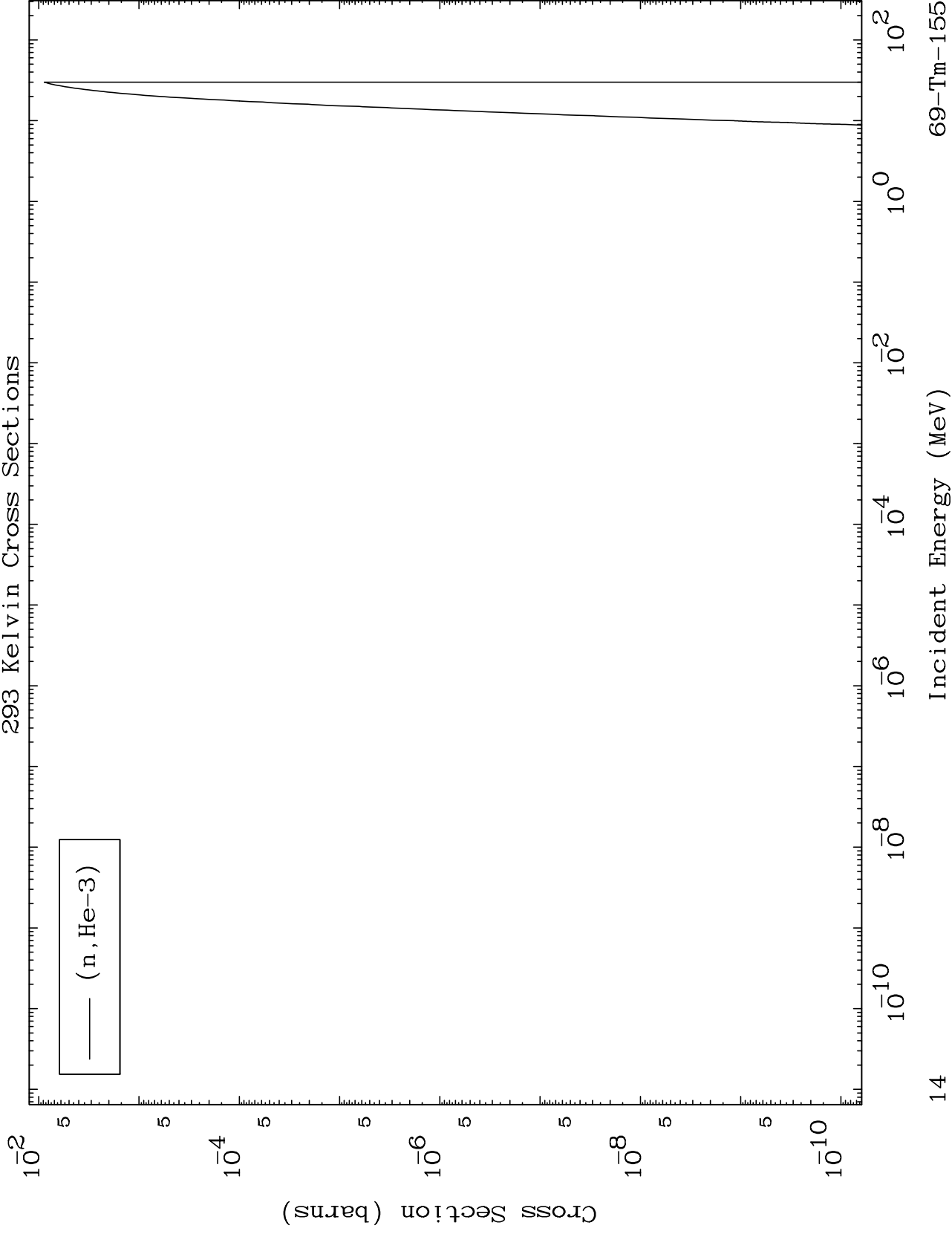
Incident Energy (MeV)

69-Tm-155

MAT 6883

(n,He3) Levels
293 Kelvin Cross Sections

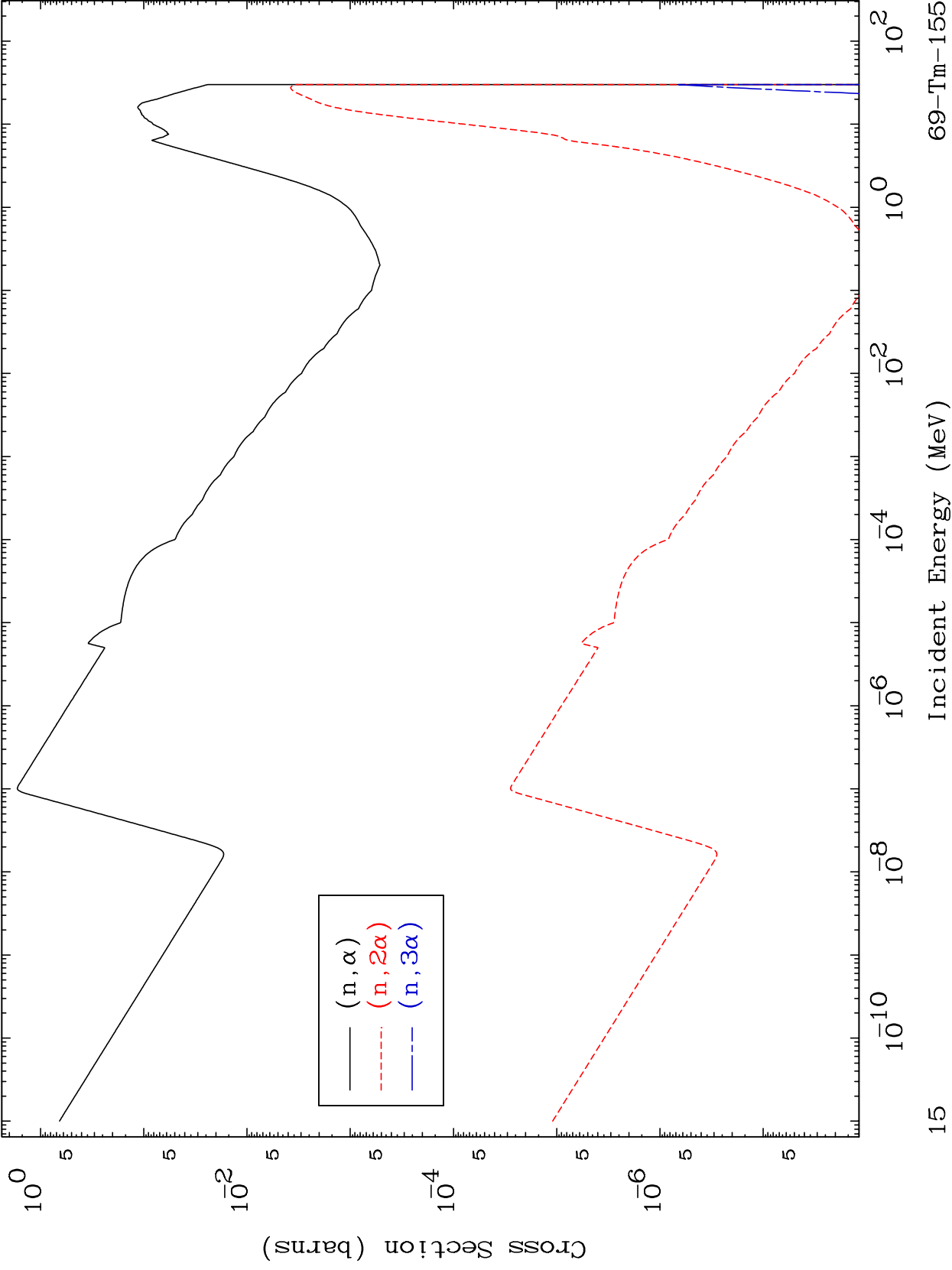
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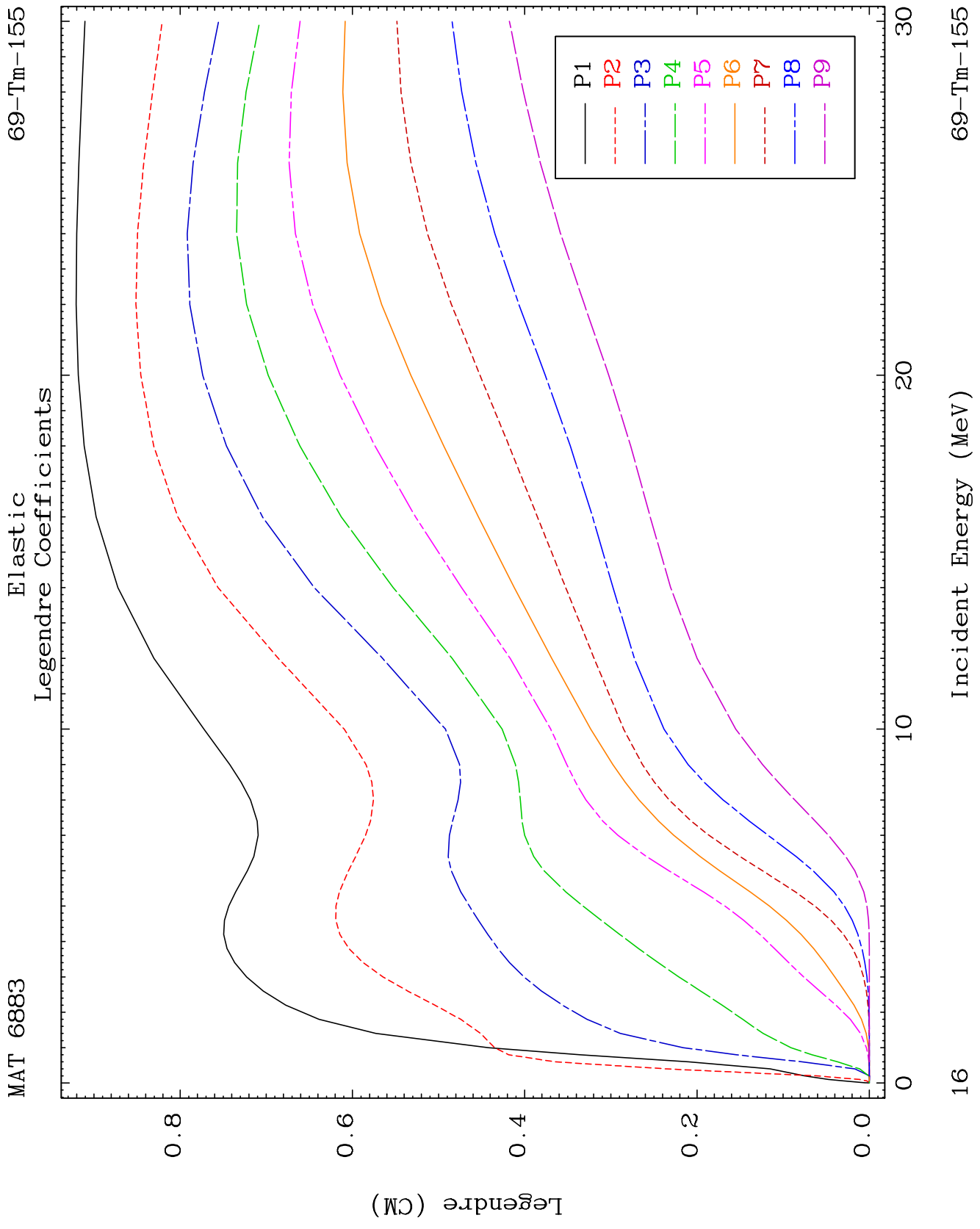
MAT 6883

(n, α) Levels
293 Kelvin Cross Sections

69-Tm-155



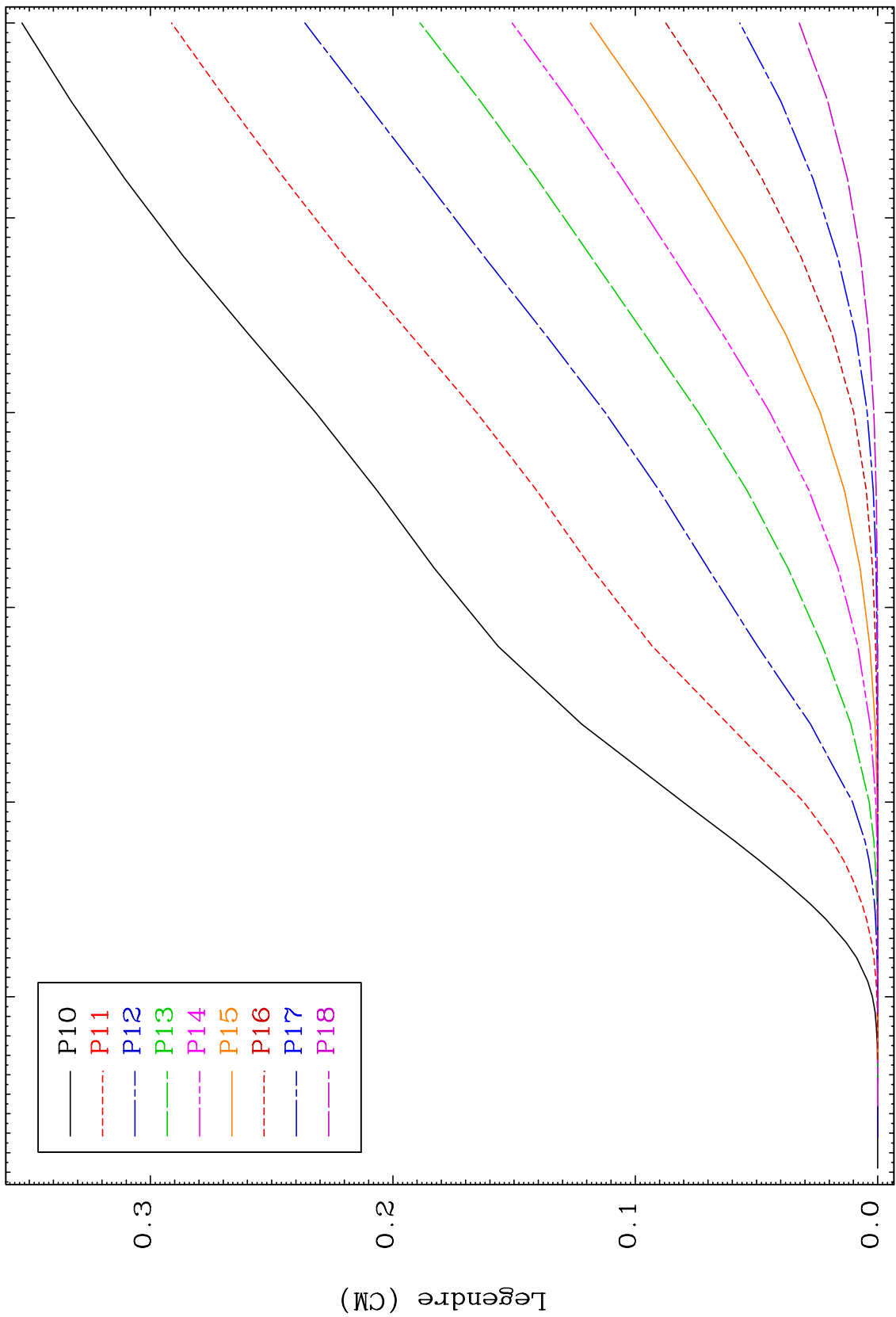
15



MAT 6883

Elastic Legendre Coefficients

69-Tm-155



17

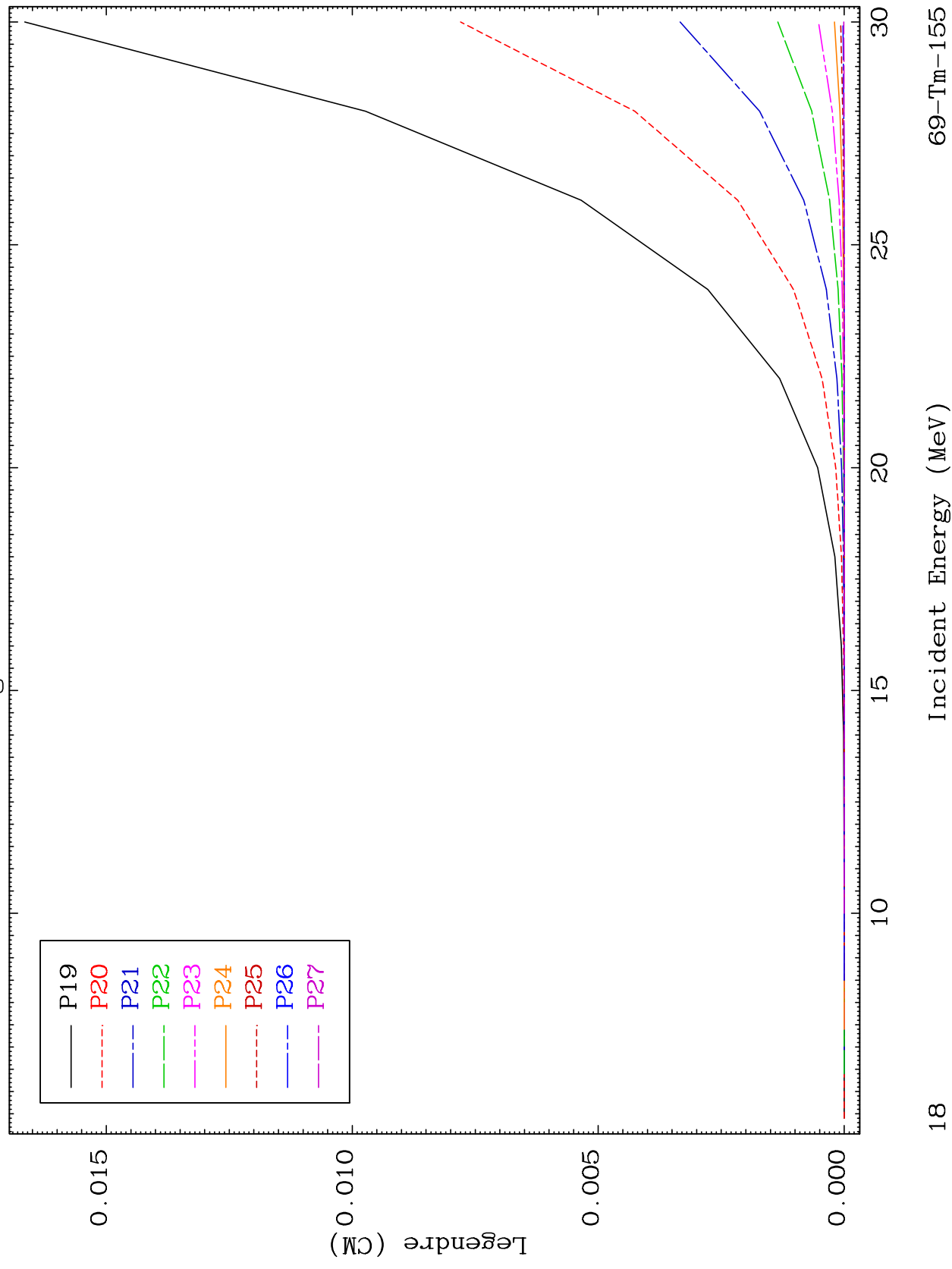
Incident Energy (MeV)

69-Tm-155

MAT 6883

Elastic Legendre Coefficients

69-Tm-155



18

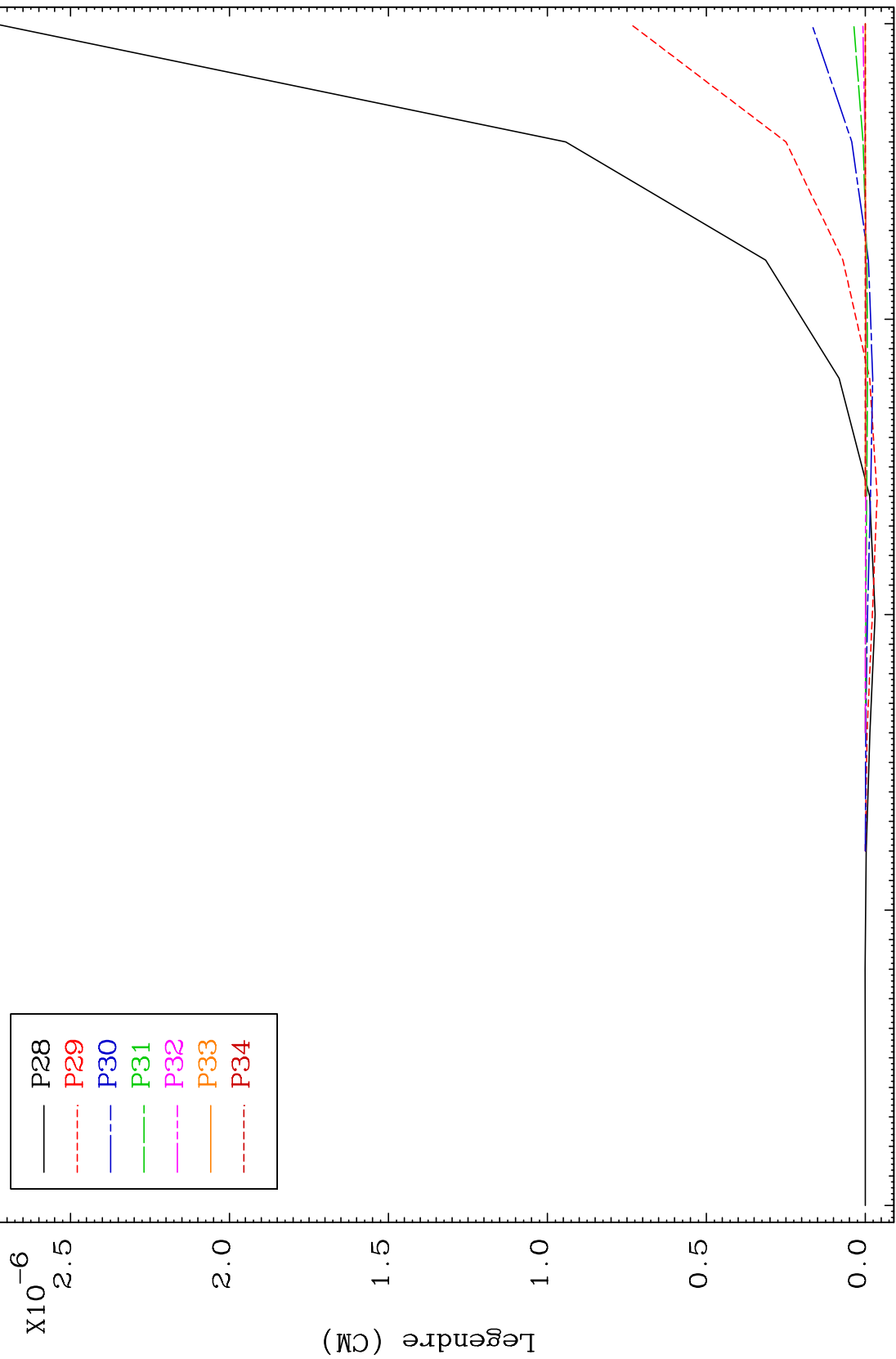
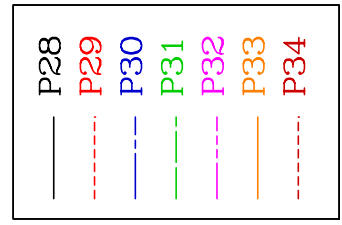
Incident Energy (MeV)

69-Tm-155

MAT 6883

Elastic Legendre Coefficients

69-Tm-155



10

15

20

25

30

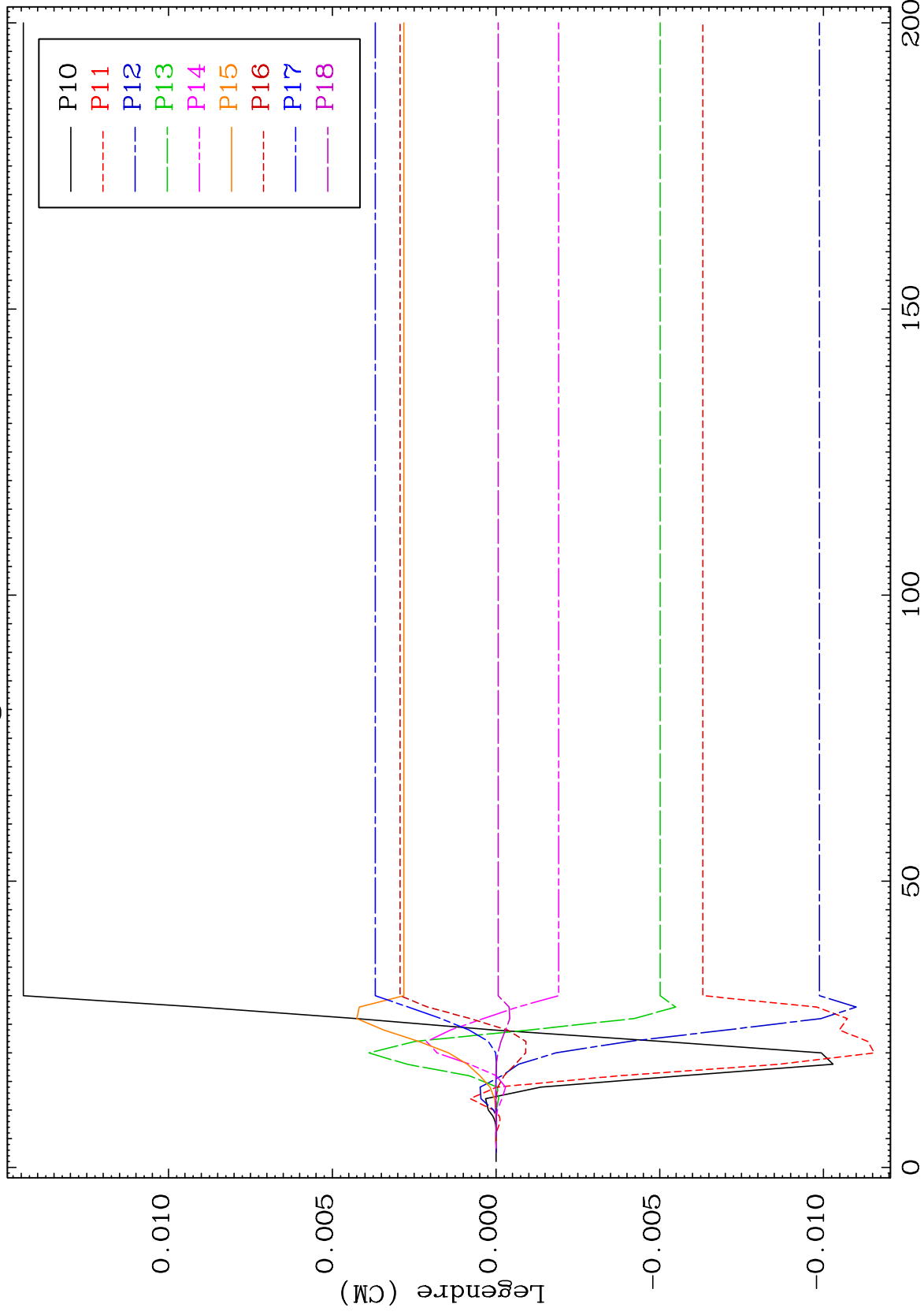
Incident Energy (MeV)

69-Tm-155

MAT 6883

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

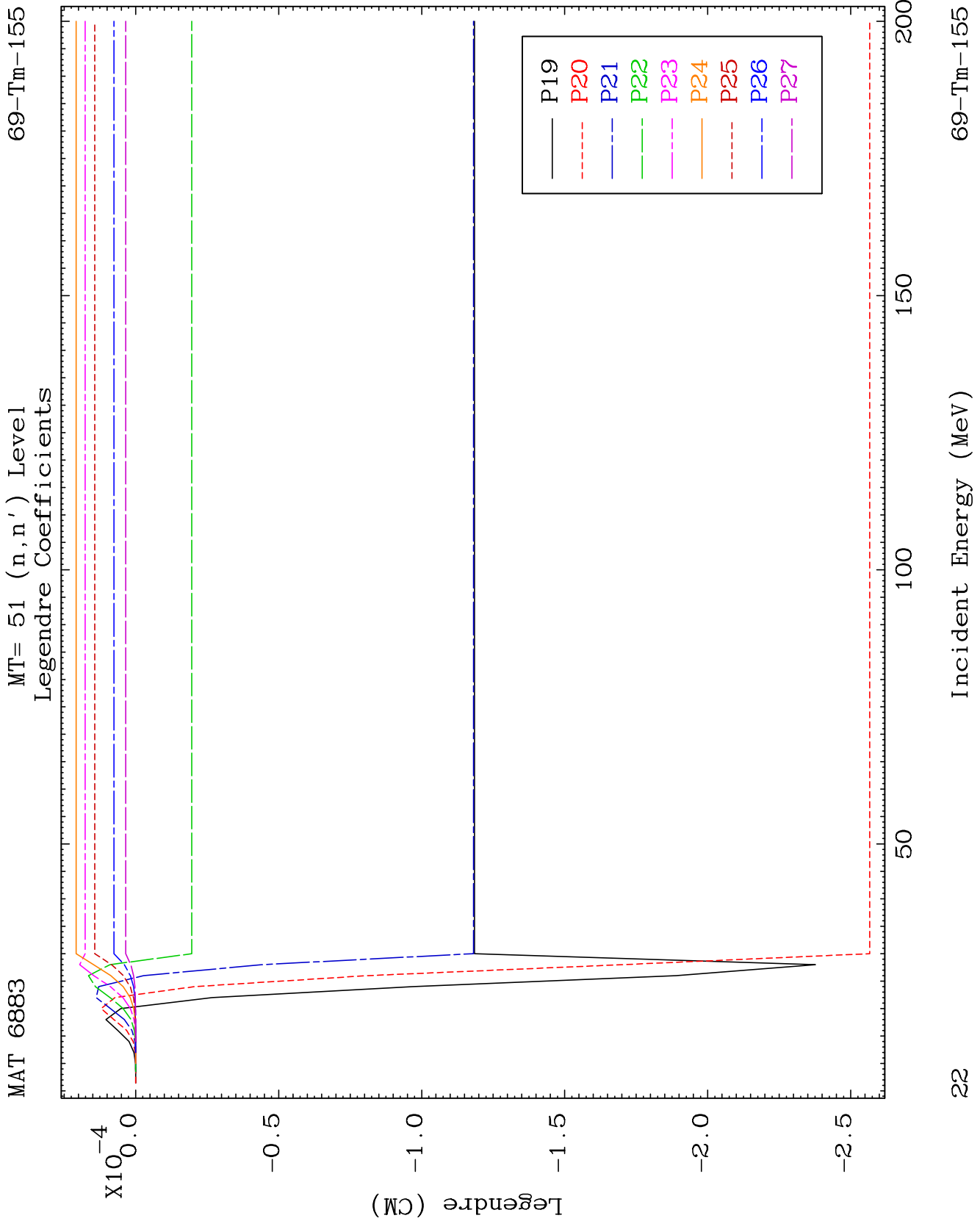
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Incident Energy (MeV)

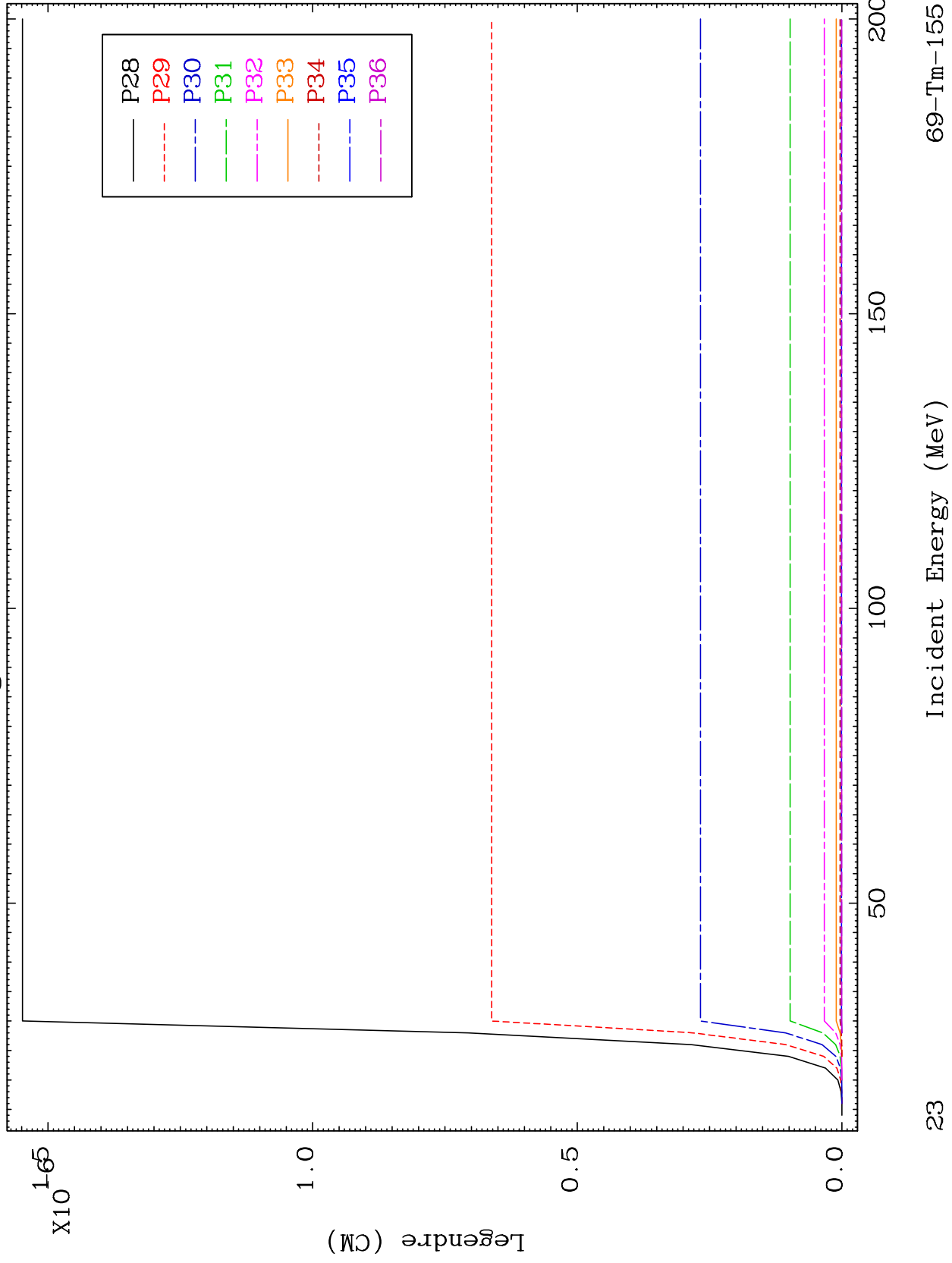
69-Tm-155



MAT 6883

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

69-Tm-155



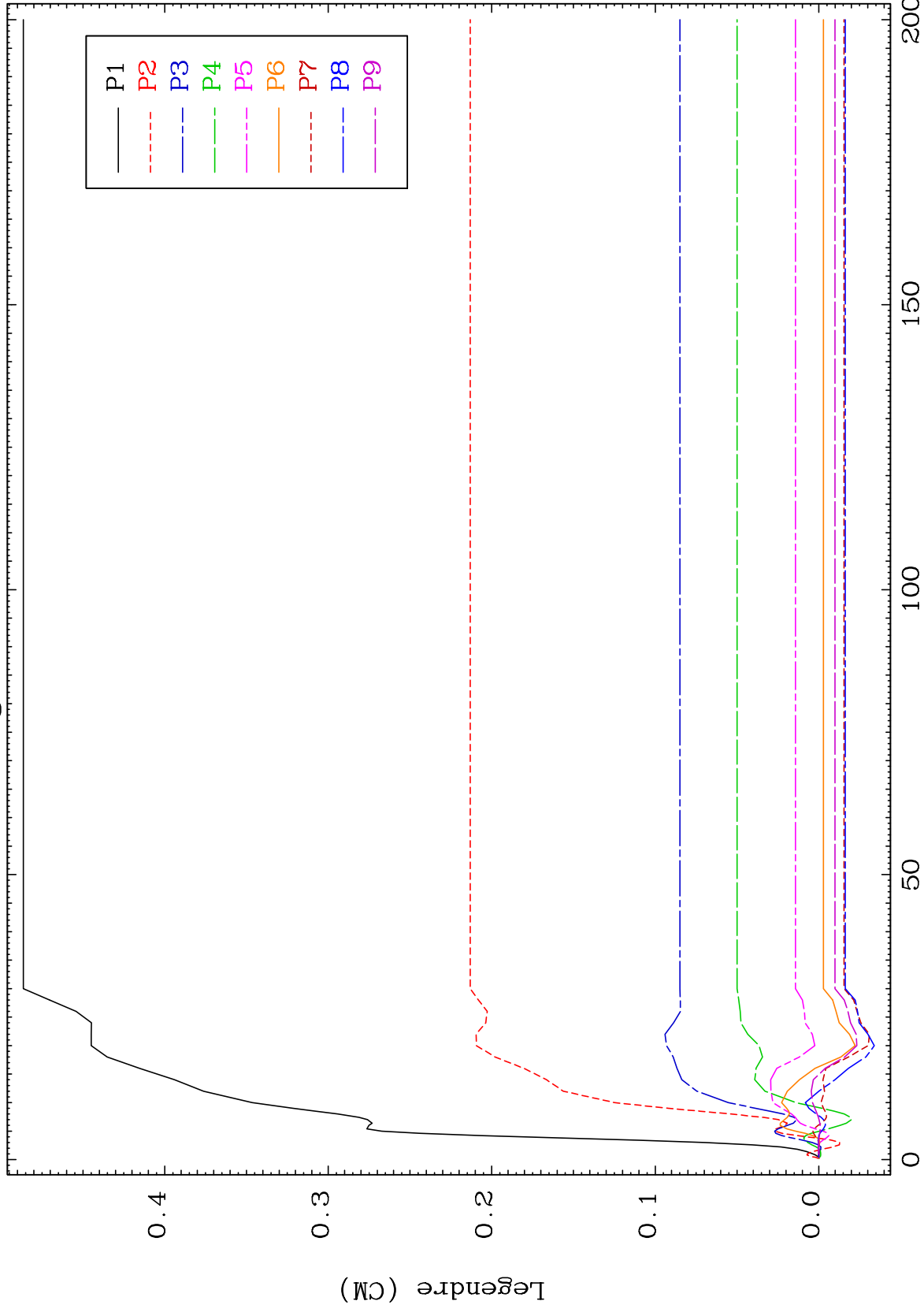
23

69-Tm-155

MAT 6883

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

69-Tm-155



24

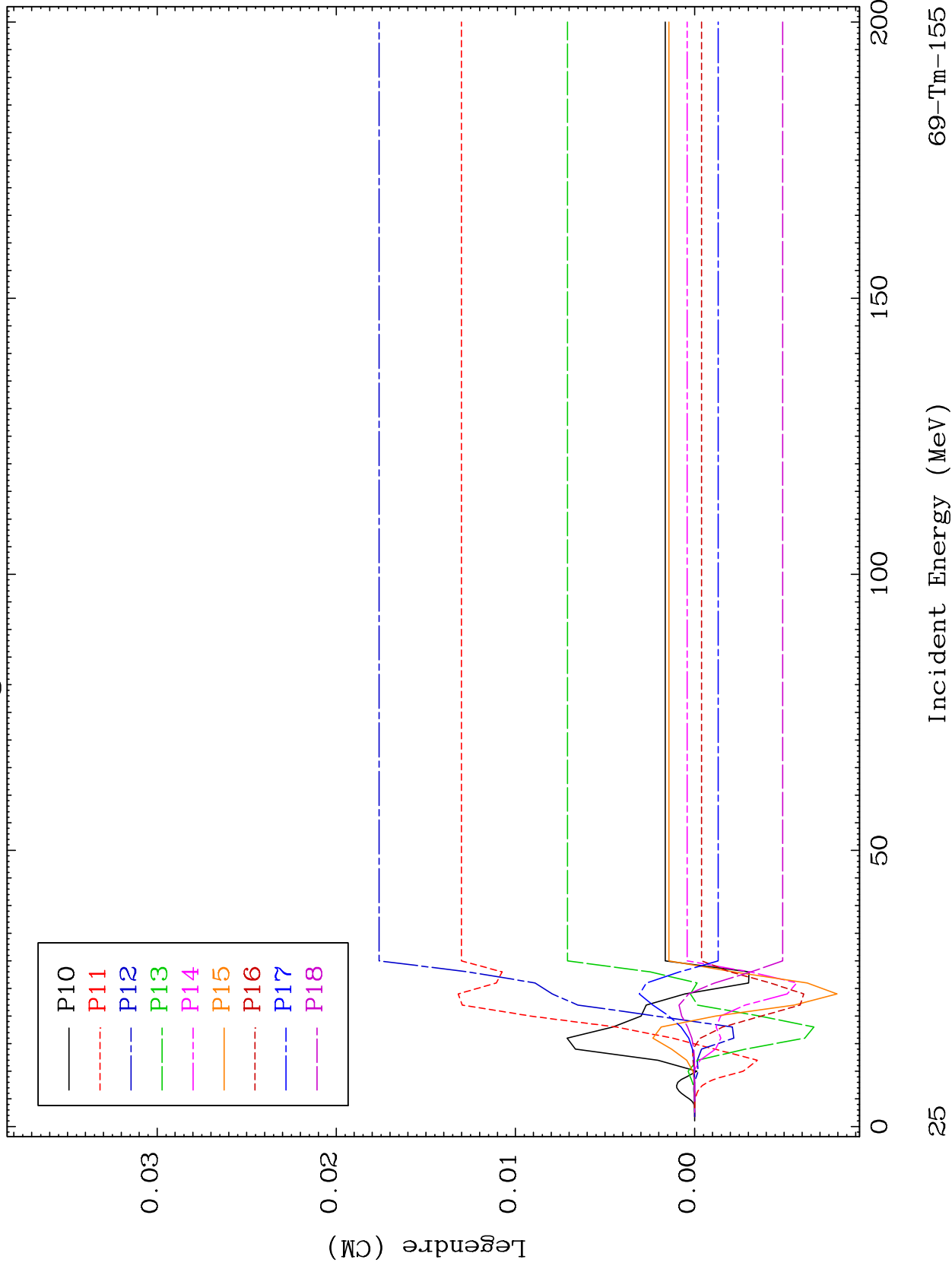
Incident Energy (MeV)

69-Tm-155

MAT 6883

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

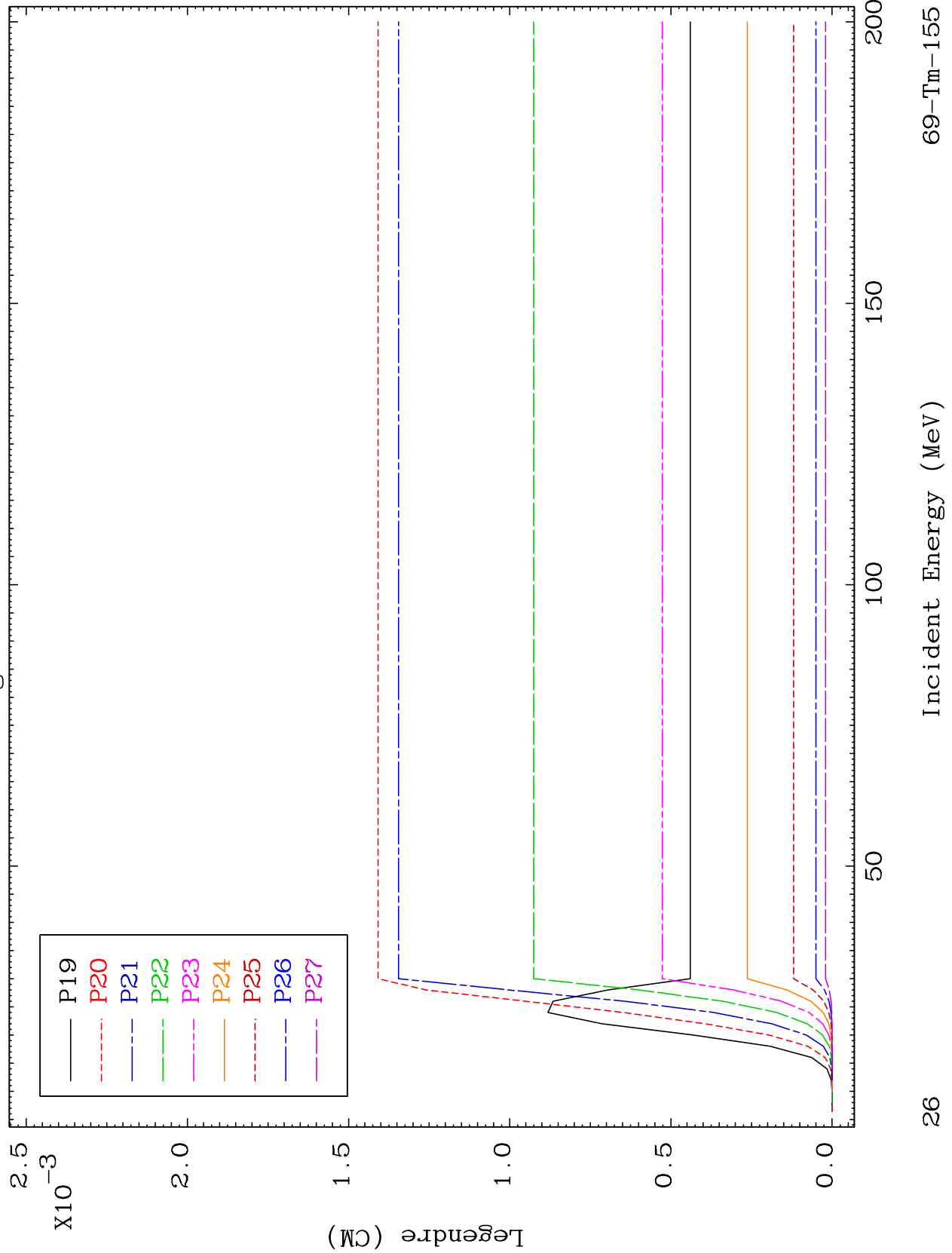
69-Tm-155



69-Tm-155

Incident Energy (MeV)

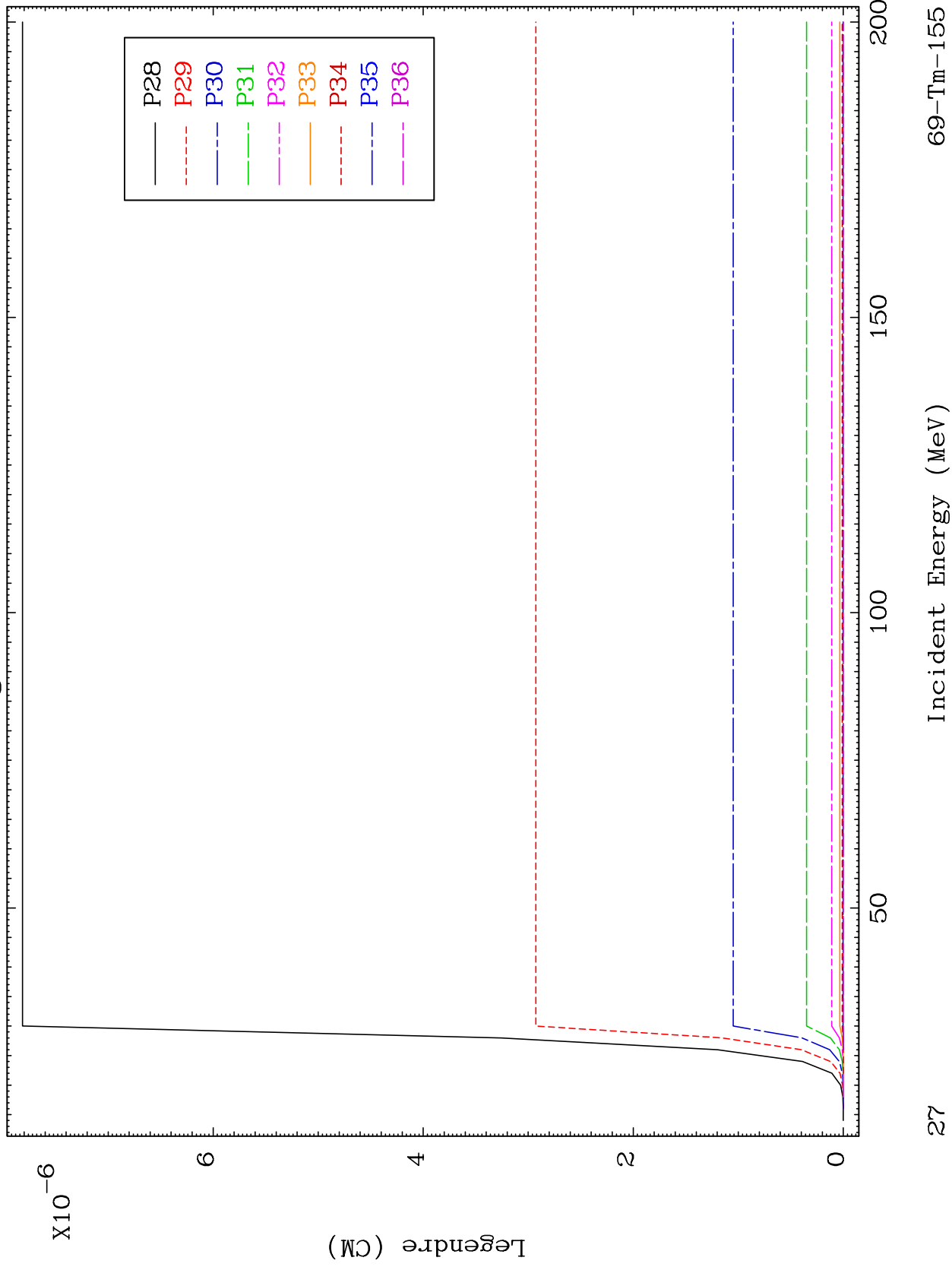
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MAT 6883

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

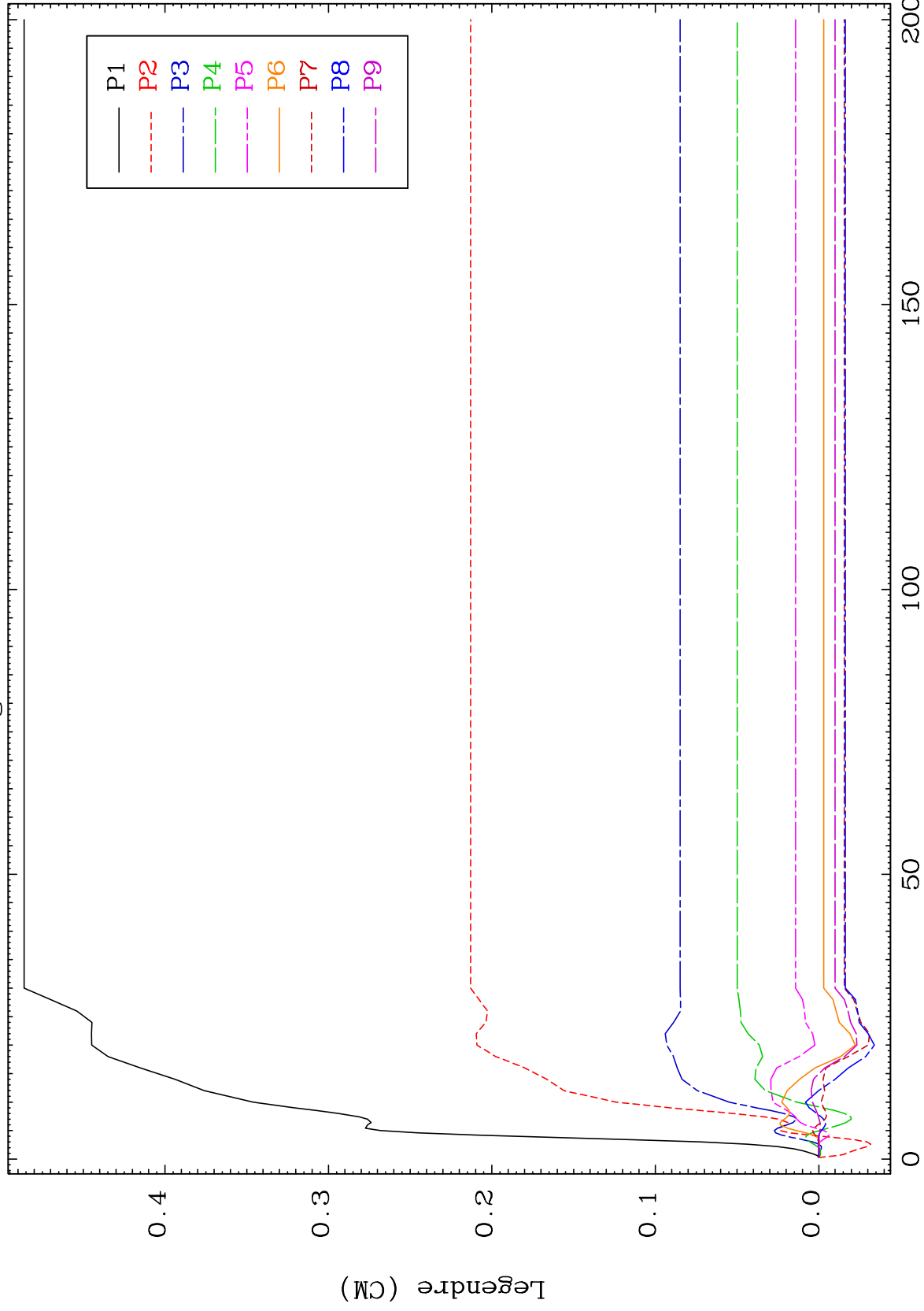
69-Tm-155



MAT 6883

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

69-Tm-155



28

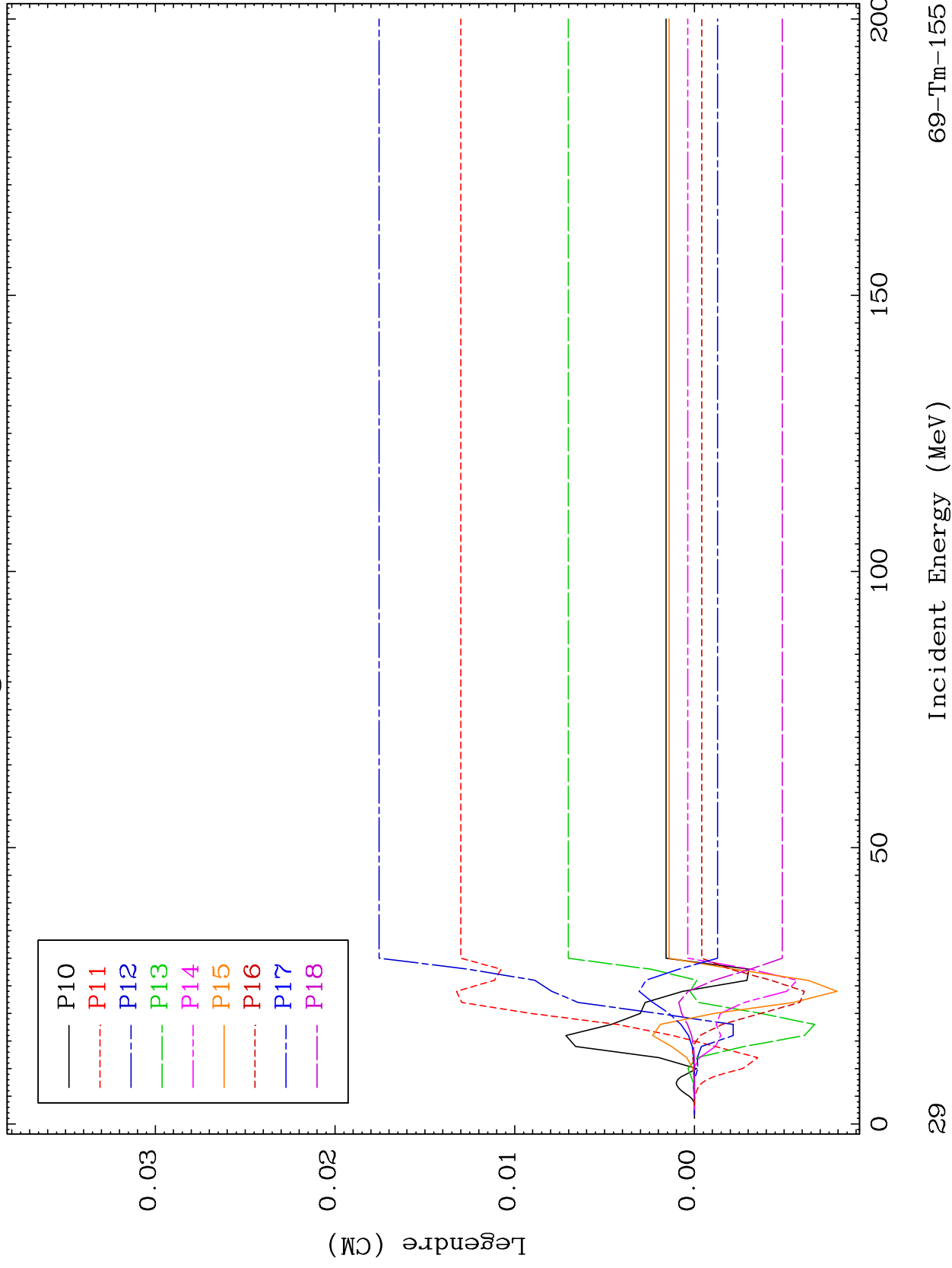
Incident Energy (MeV)

69-Tm-155

MAT 6883

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

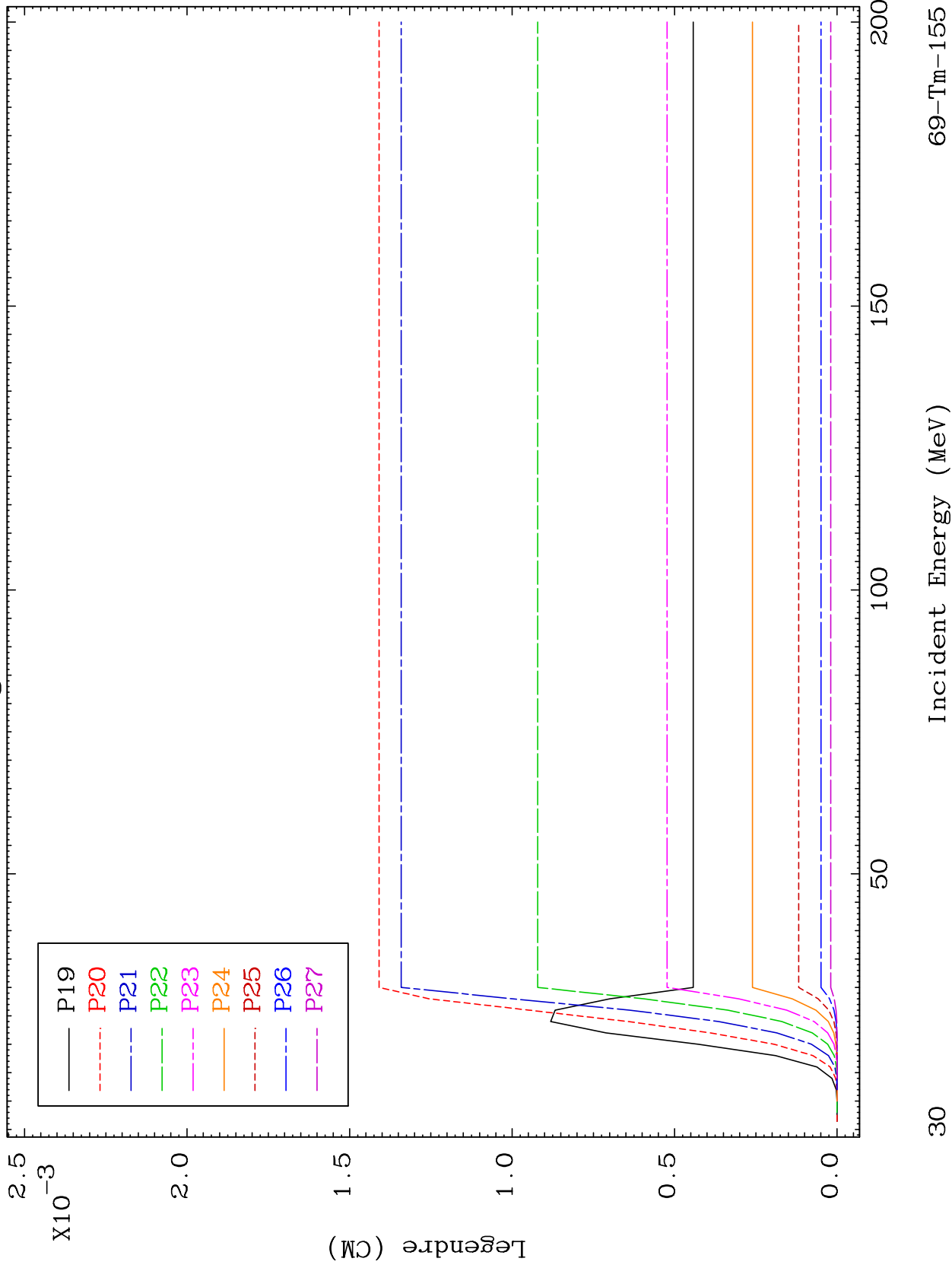
69-Tm-155



MAT 6883

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

69-Tm-155



30

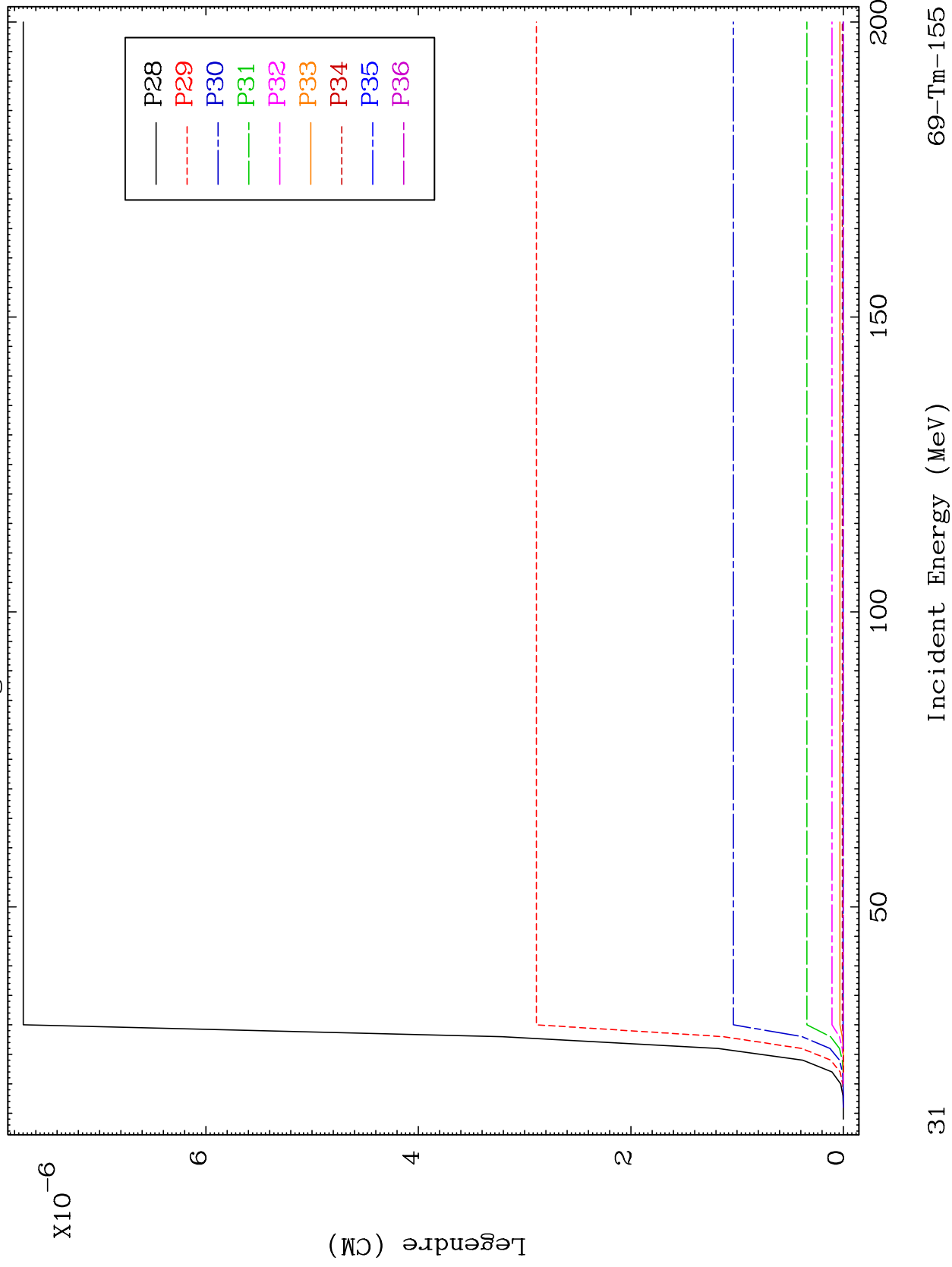
Incident Energy (MeV)

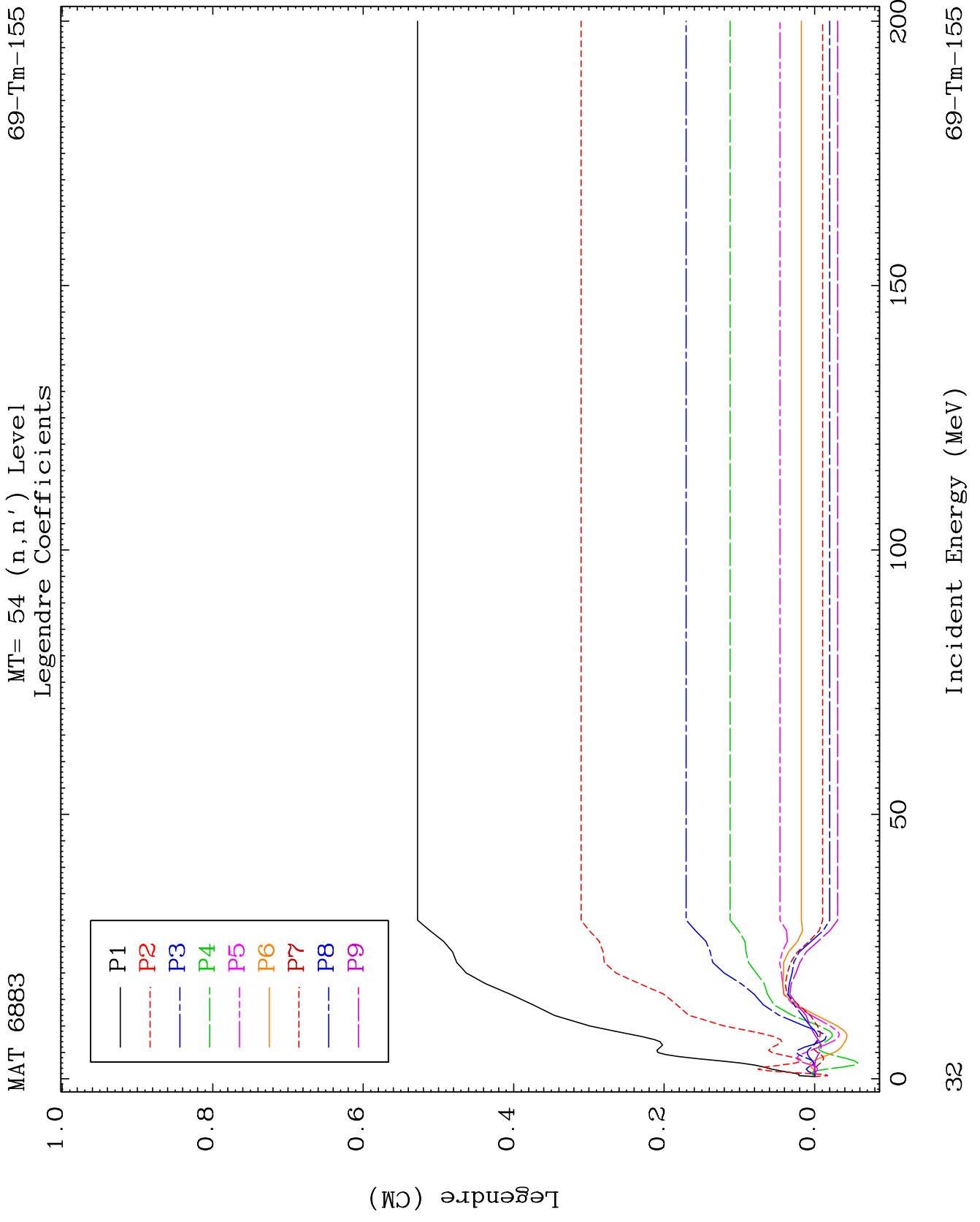
69-Tm-155

MAT 6883

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

69-Tm-155

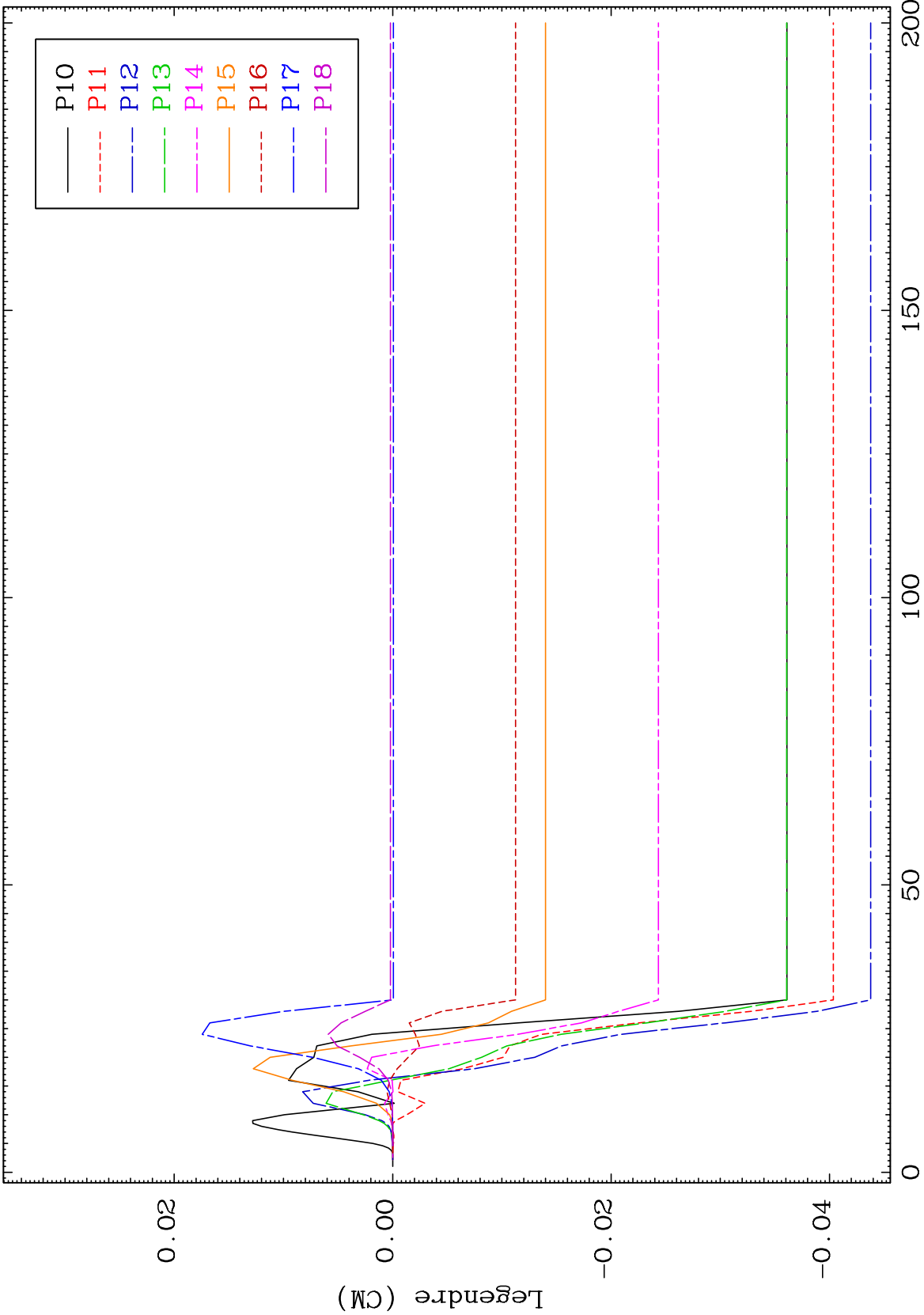




MAT 6883

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

69-Tm-155



33

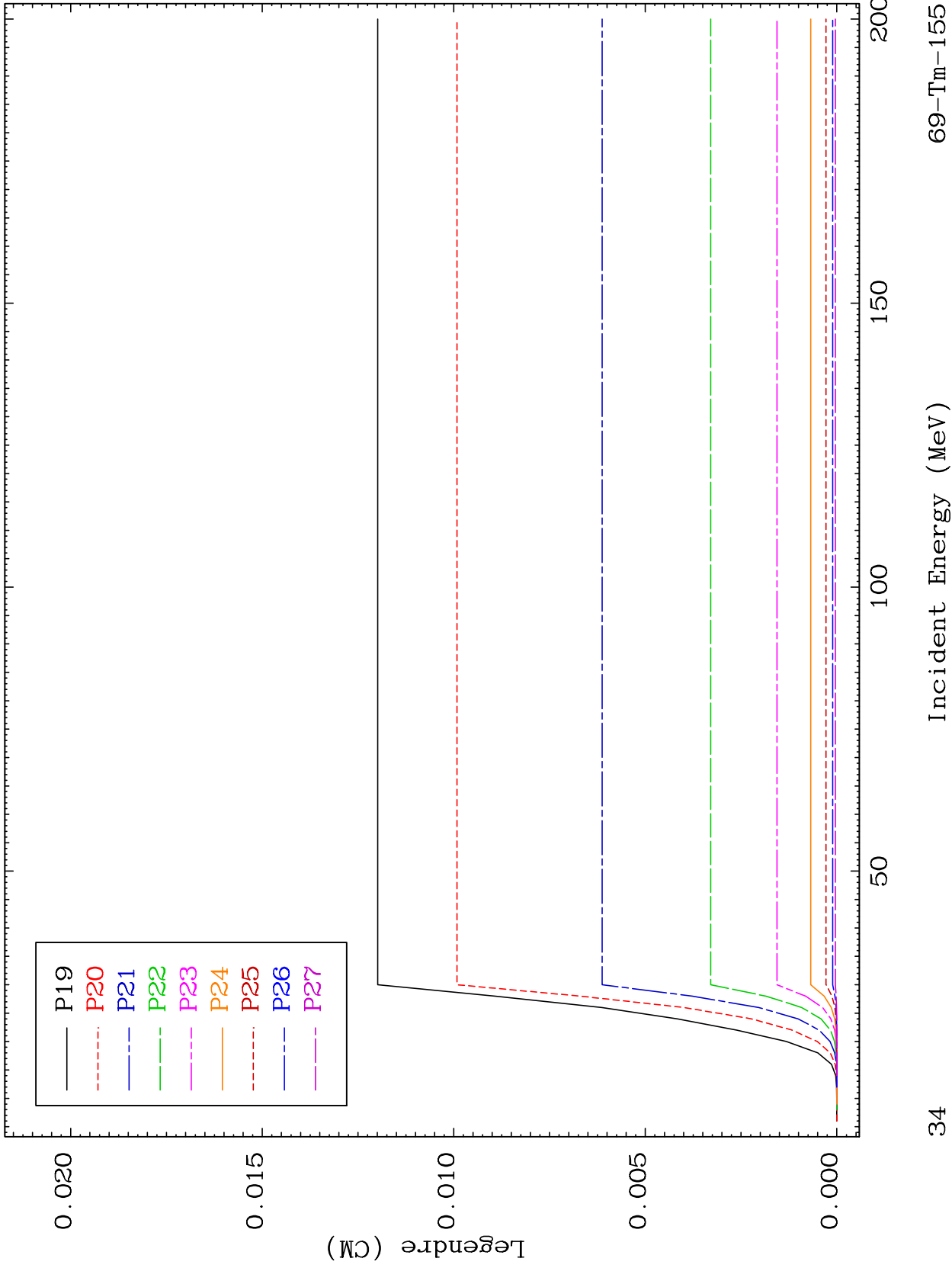
Incident Energy (MeV)

69-Tm-155

MAT 6883

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

69-Tm-155



34

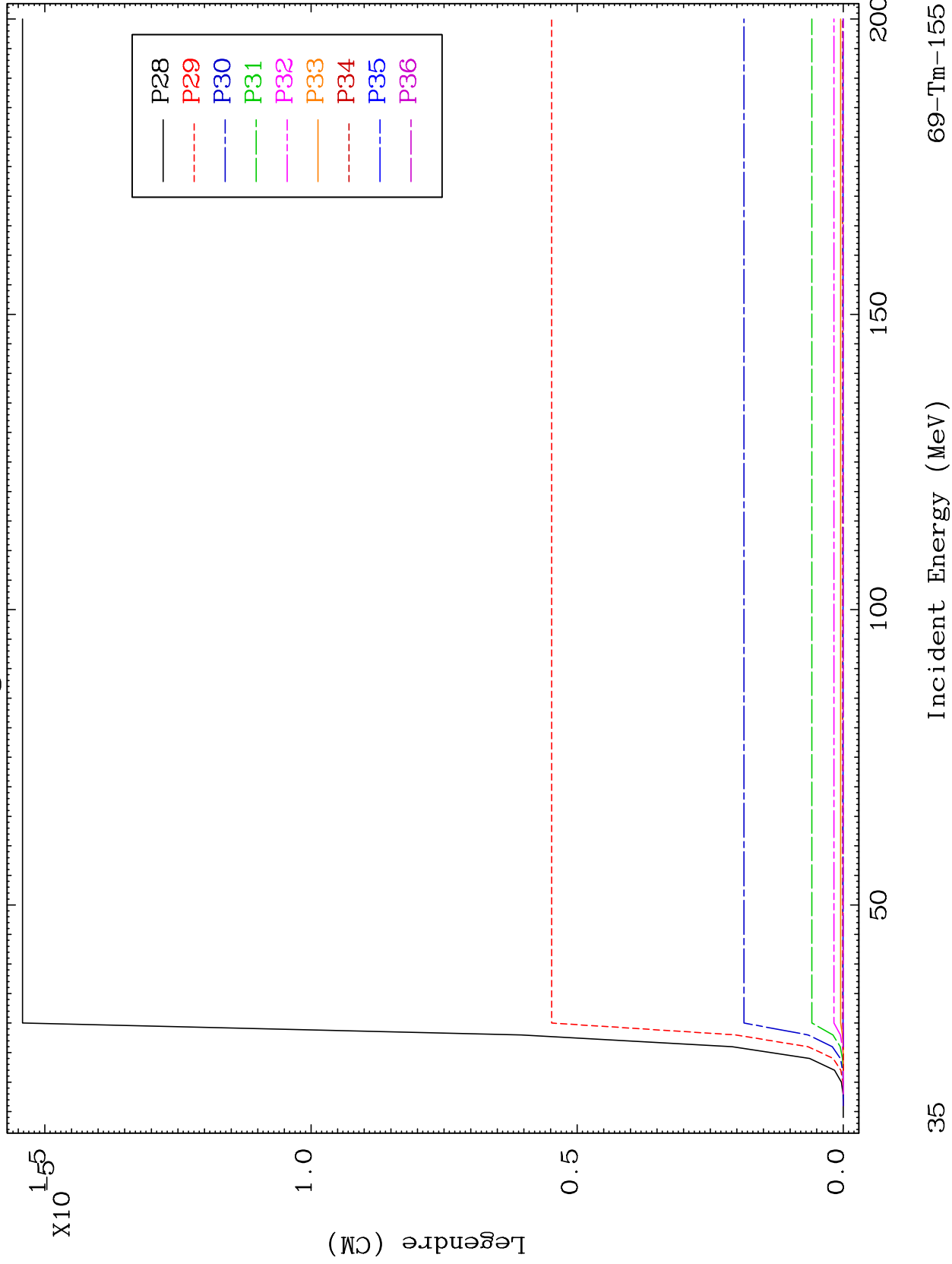
Incident Energy (MeV)

69-Tm-155

MAT 6883

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

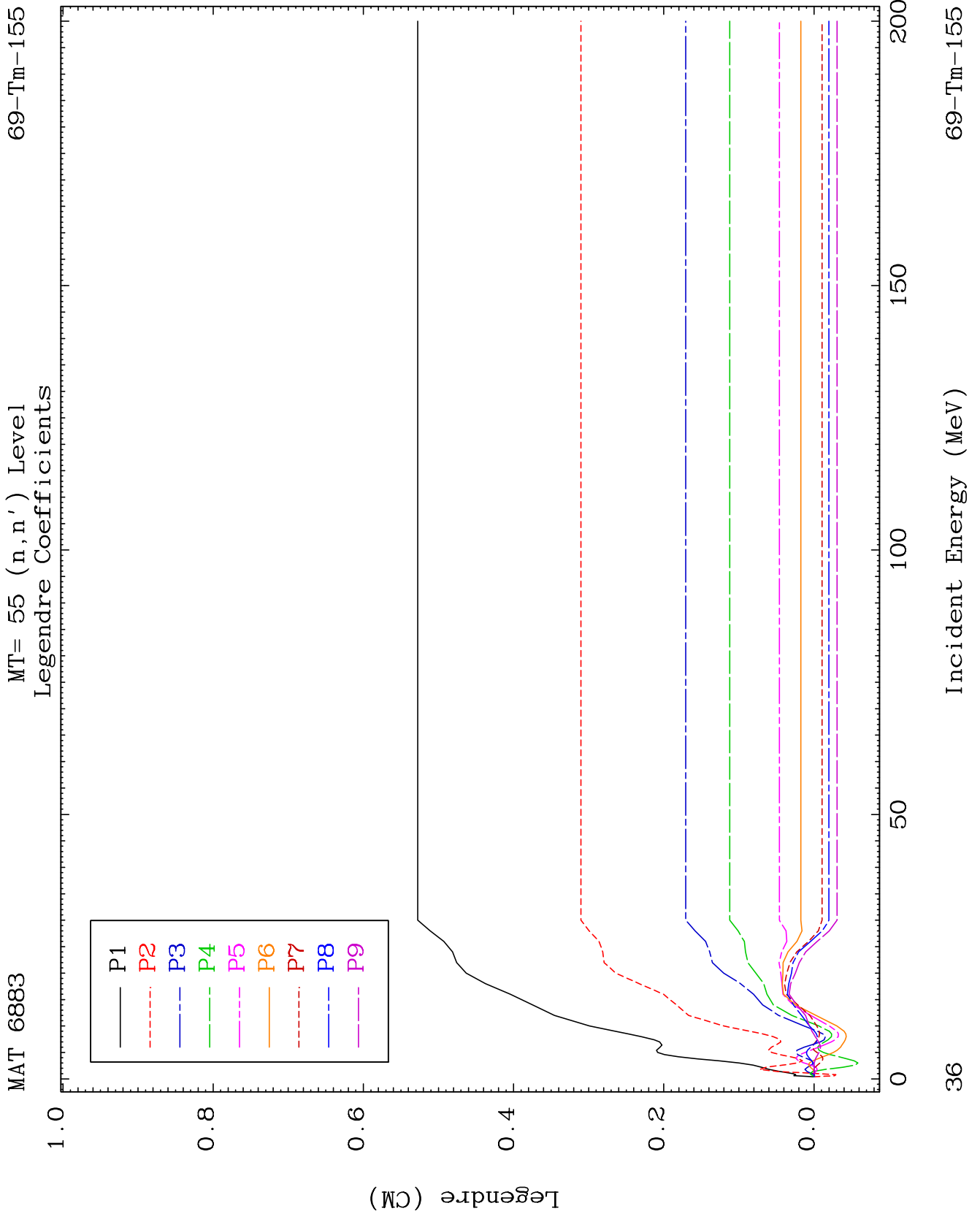
69-Tm-155



35

Incident Energy (MeV)

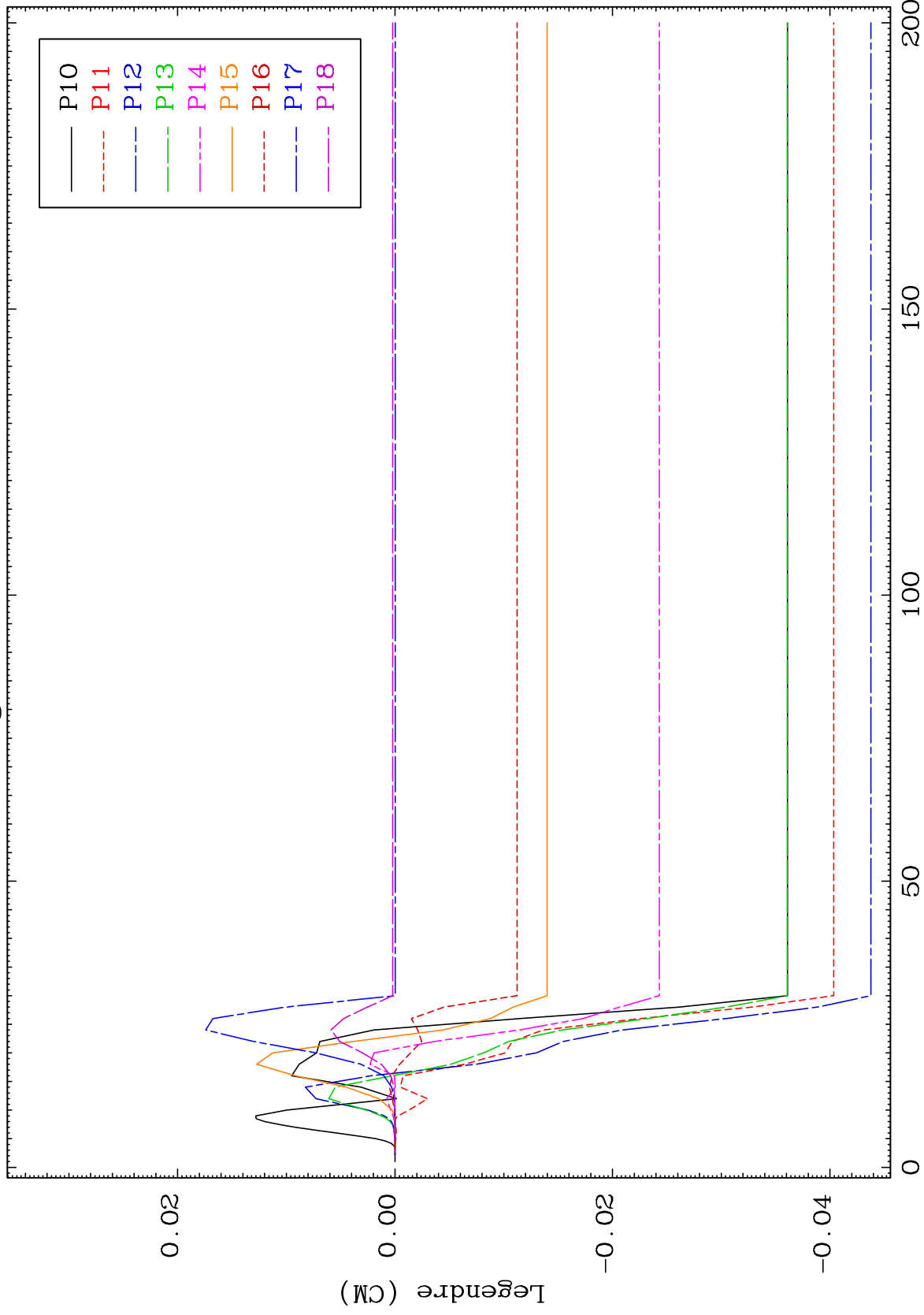
69-Tm-155



MAT 6883

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

69-Tm-155



37

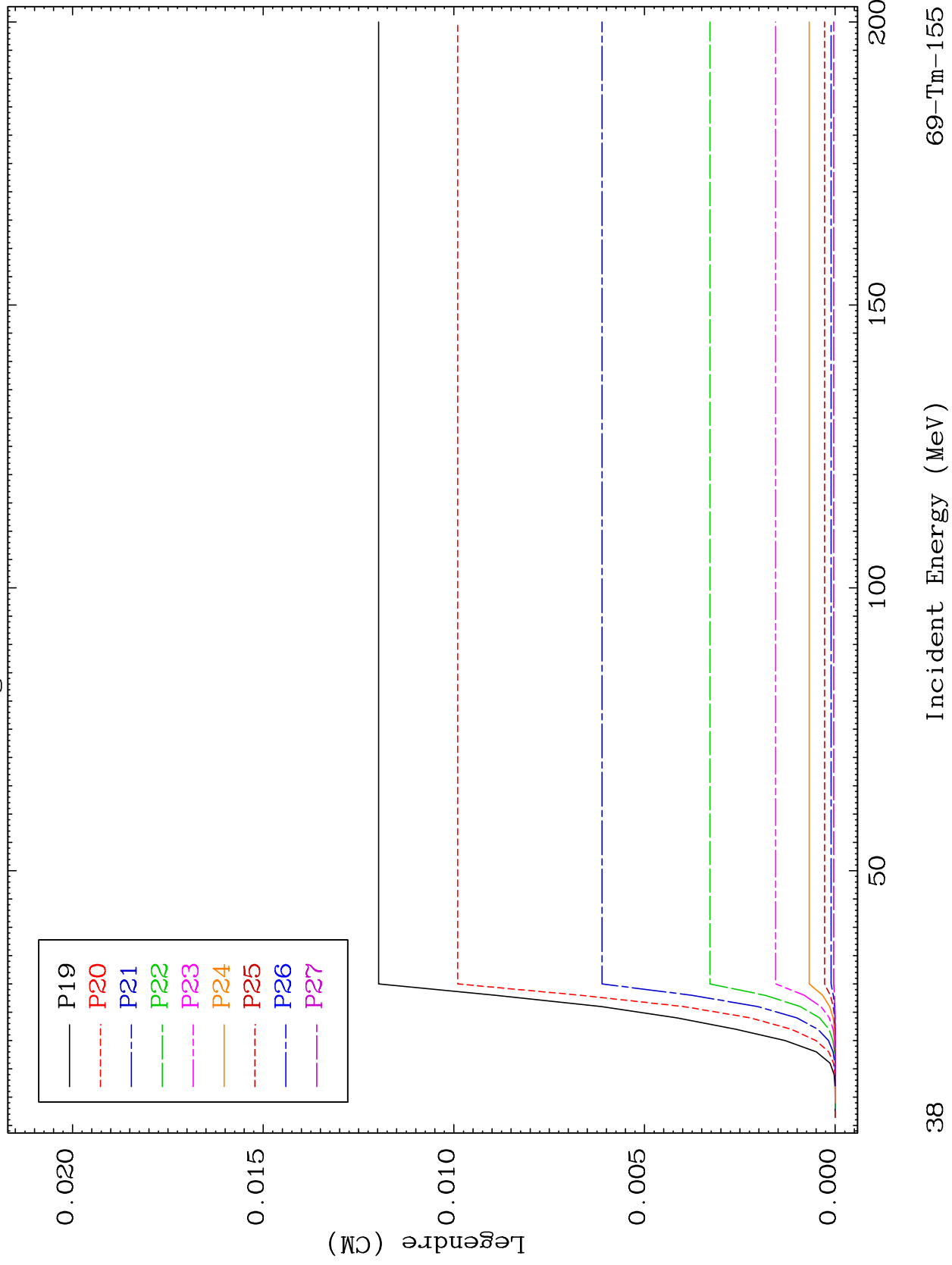
Incident Energy (MeV)

69-Tm-155

MAT 6883

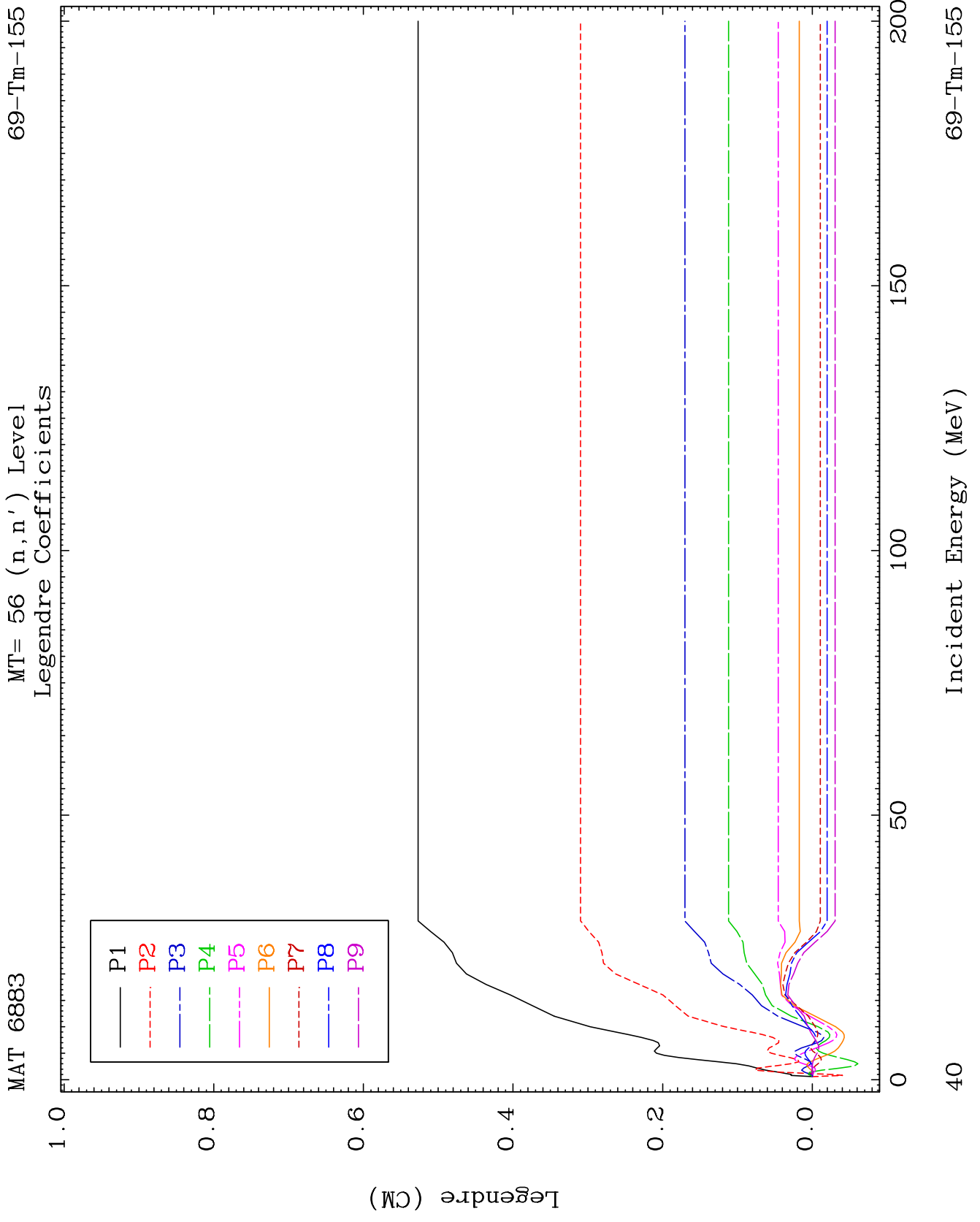
MT= 55 (n,n') Level
Legendre Coefficients

69-Tm-155



38

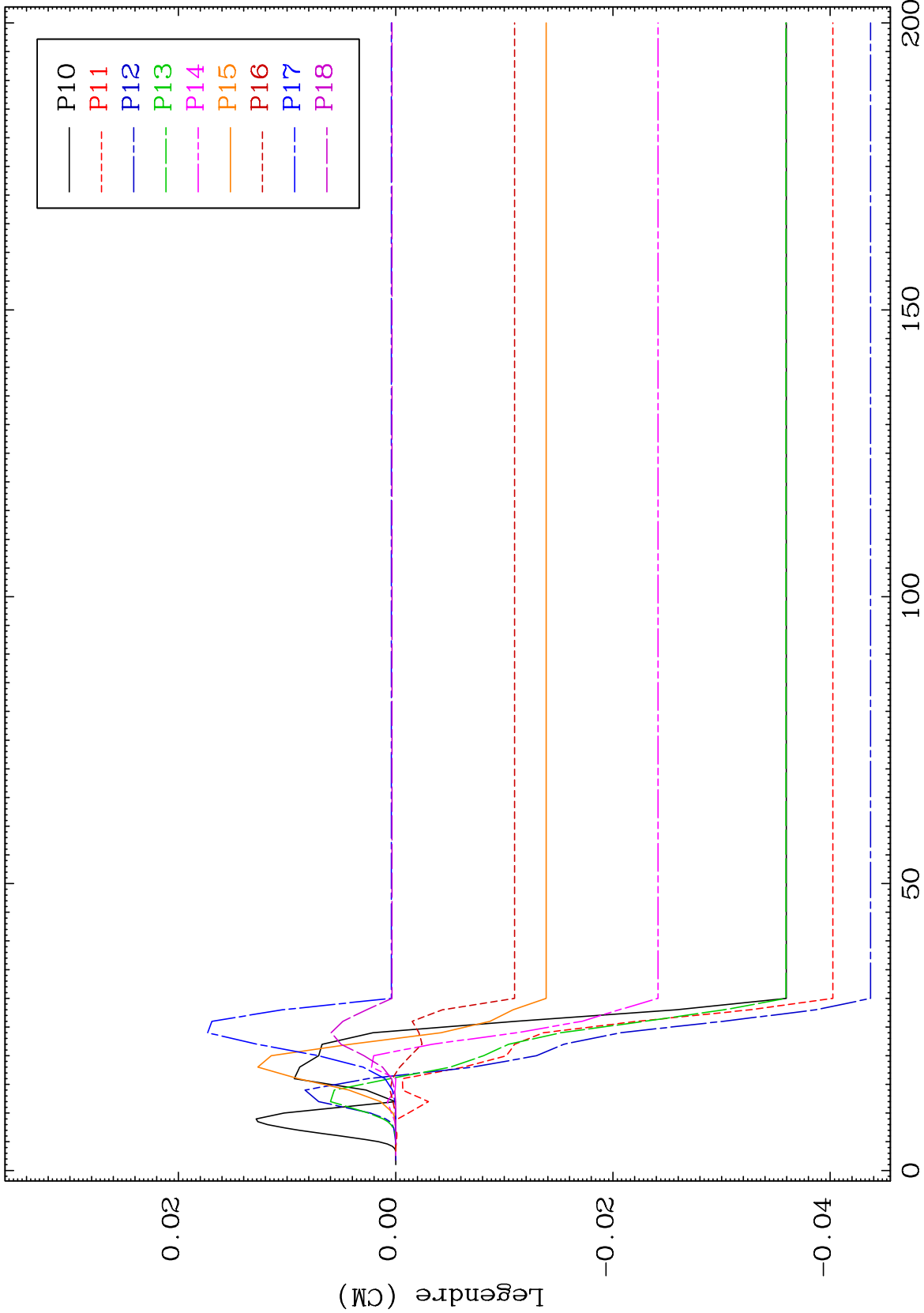
69-Tm-155



MAT 6883

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

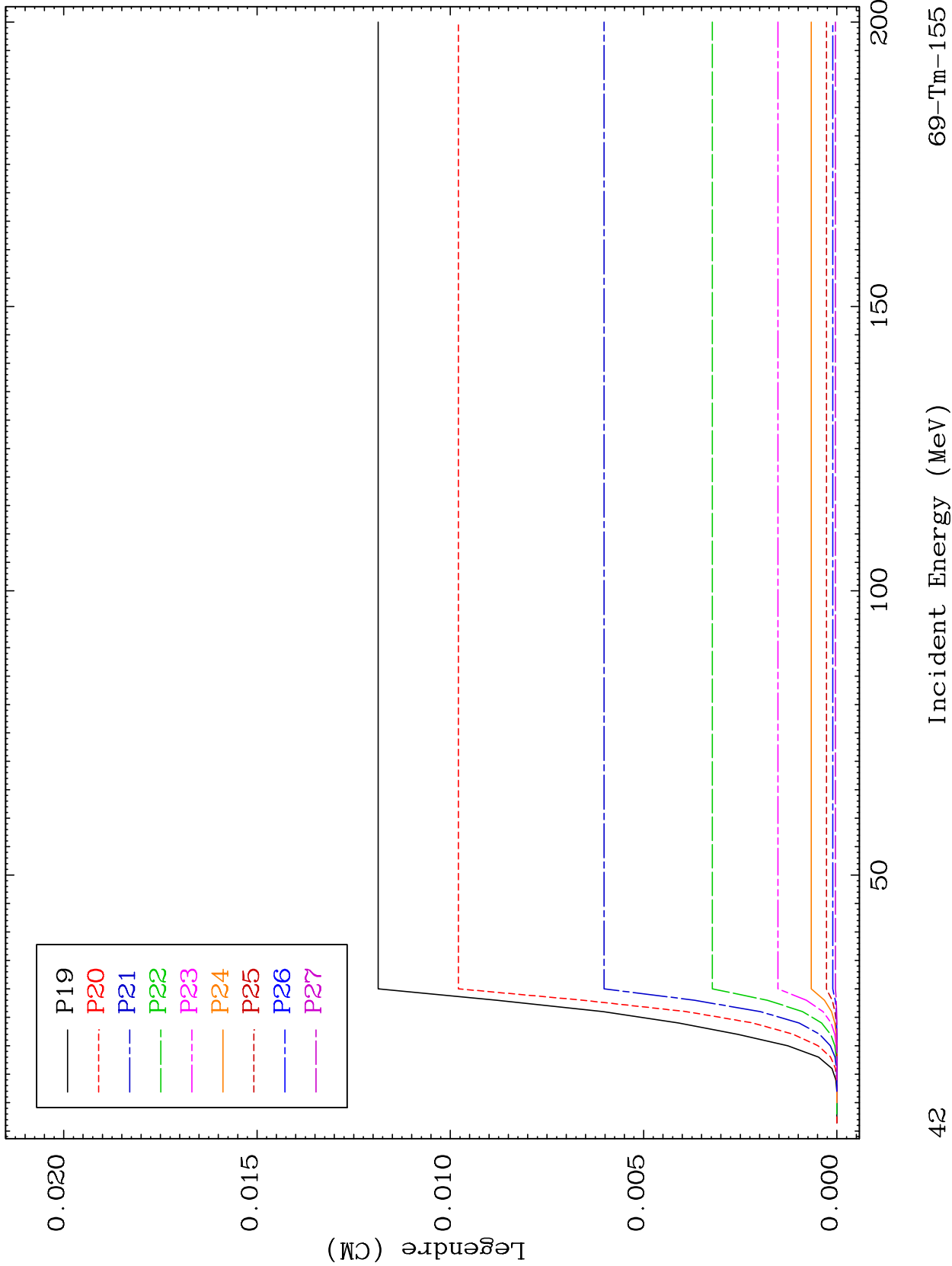
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MAT 6883

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

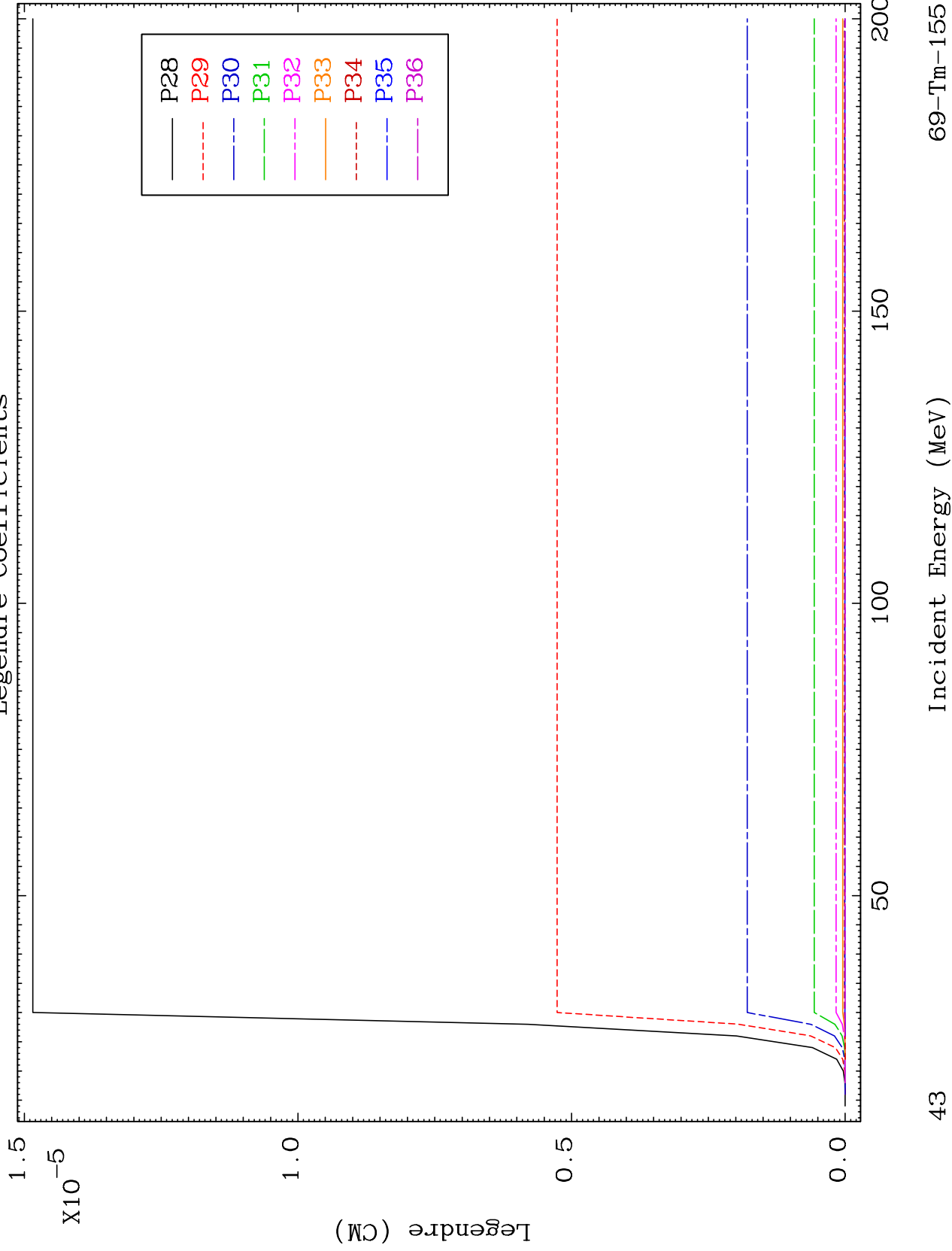
69-Tm-155



MAT 6883

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

69-Tm-155



43

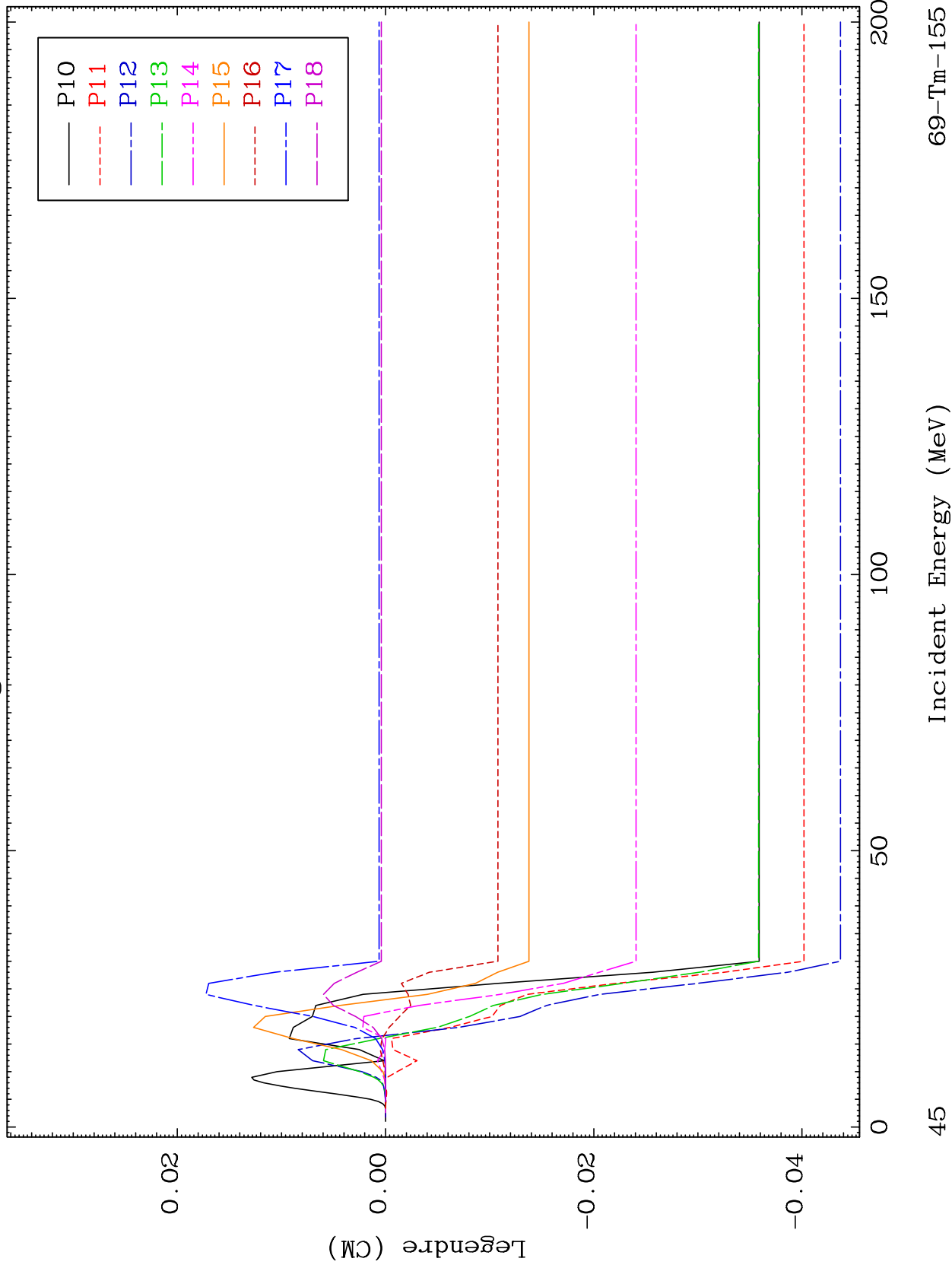
Incident Energy (MeV)

69-Tm-155

MAT 6883

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

69-Tm-155



69-Tm-155

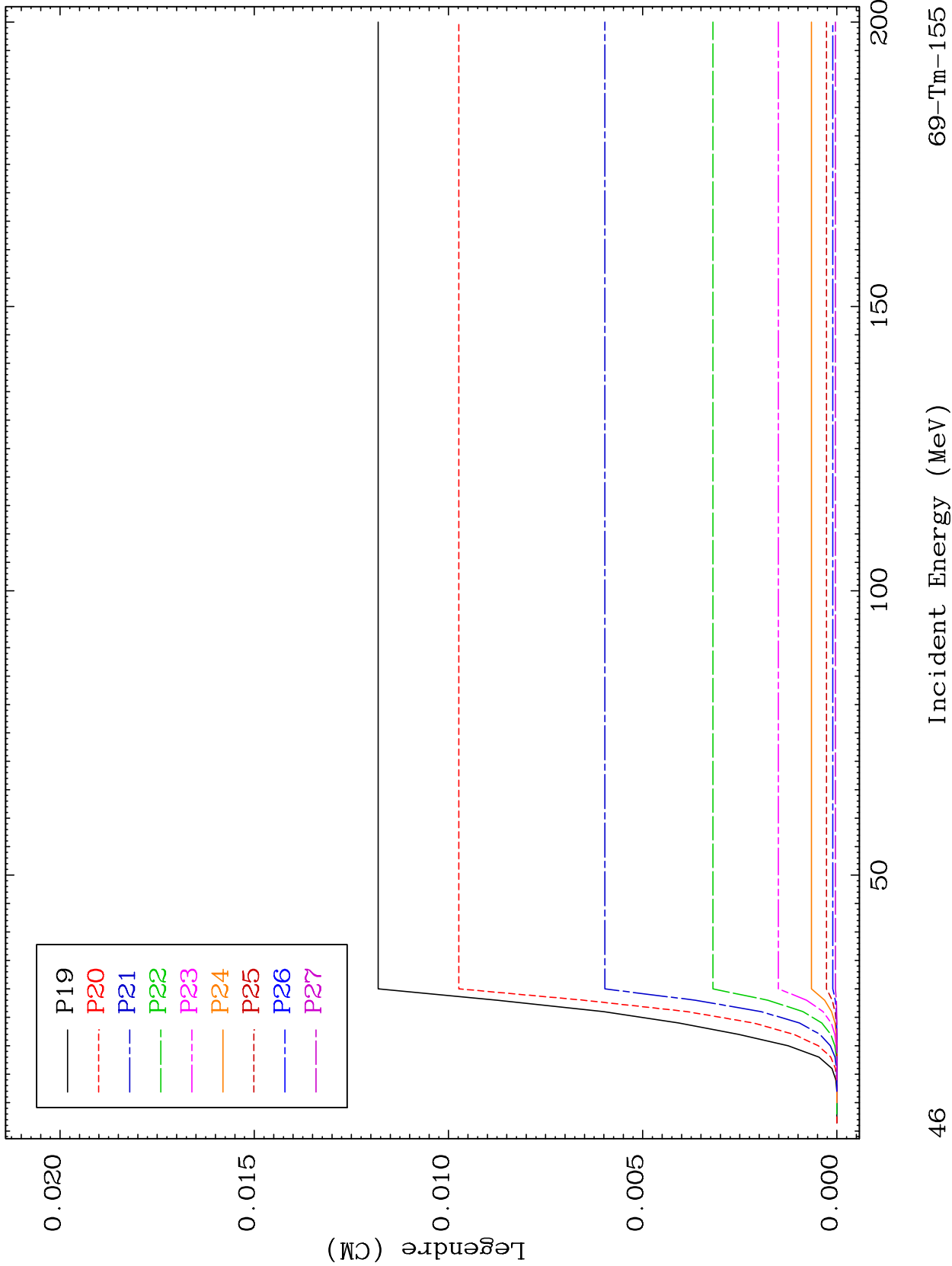
Incident Energy (MeV)

45

MAT 6883

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

69-Tm-155



46

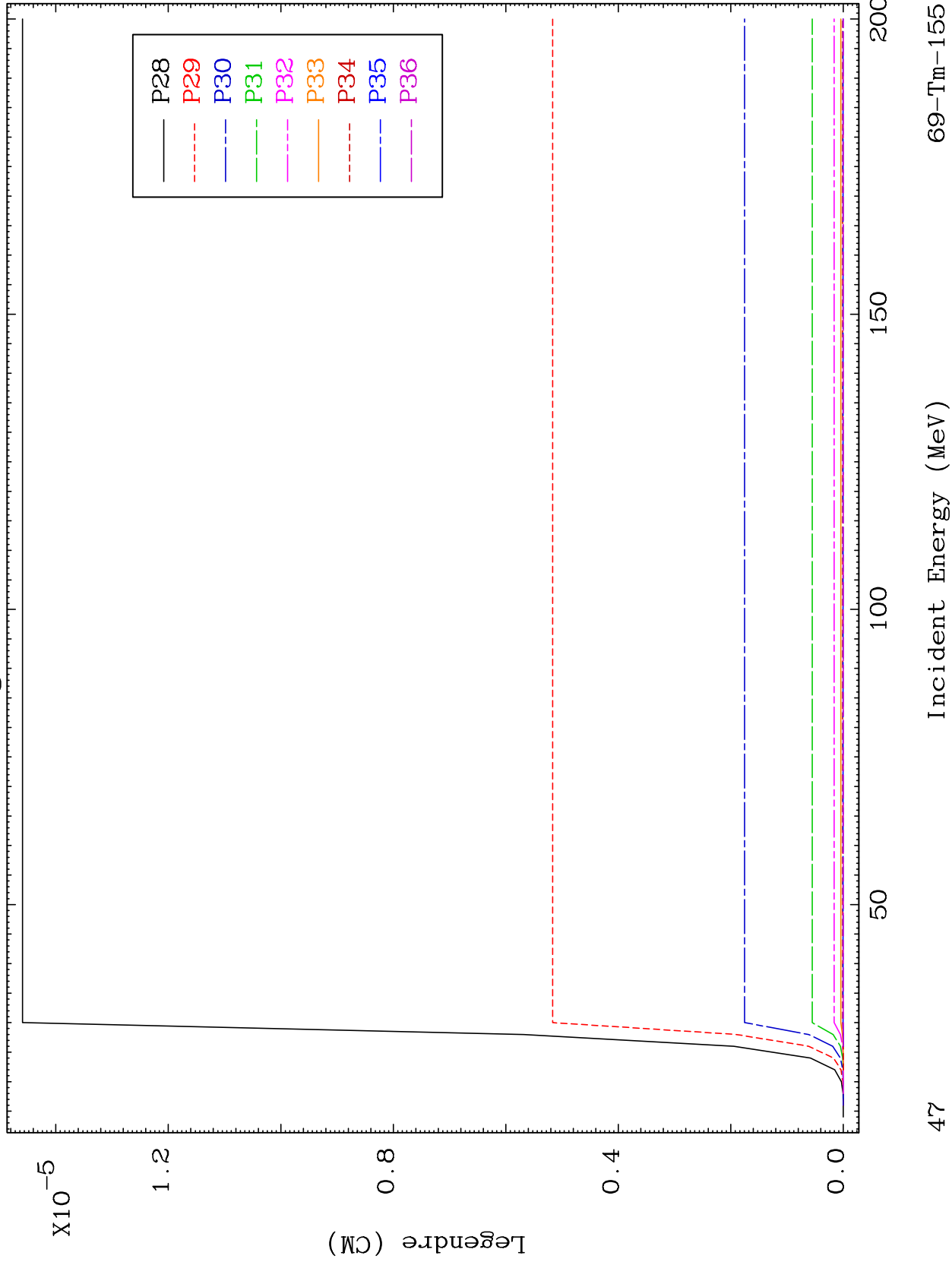
Incident Energy (MeV)

69-Tm-155

MAT 6883

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

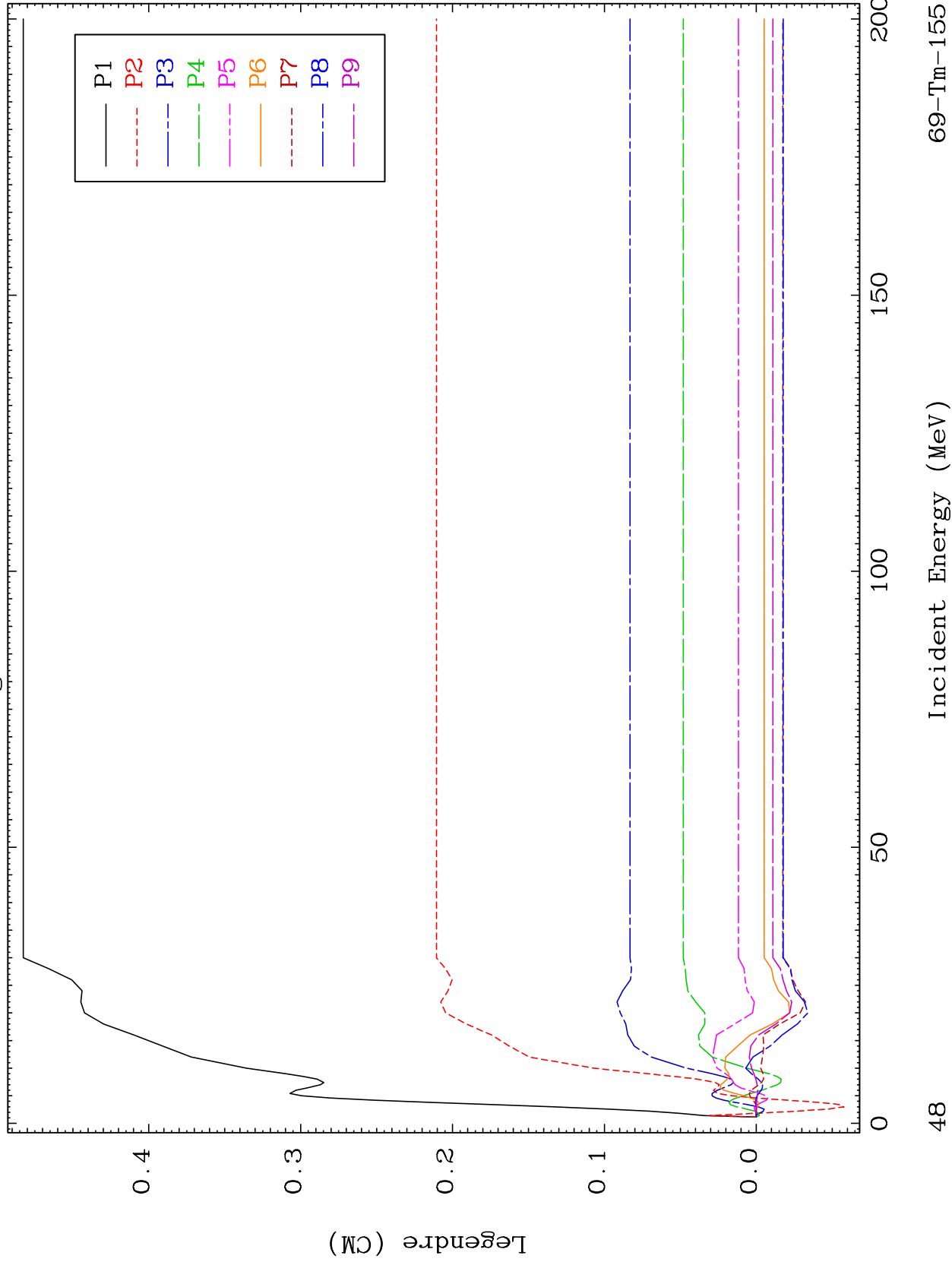
69-Tm-155



MAT 6883

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

69-Tm-155



69-Tm-155

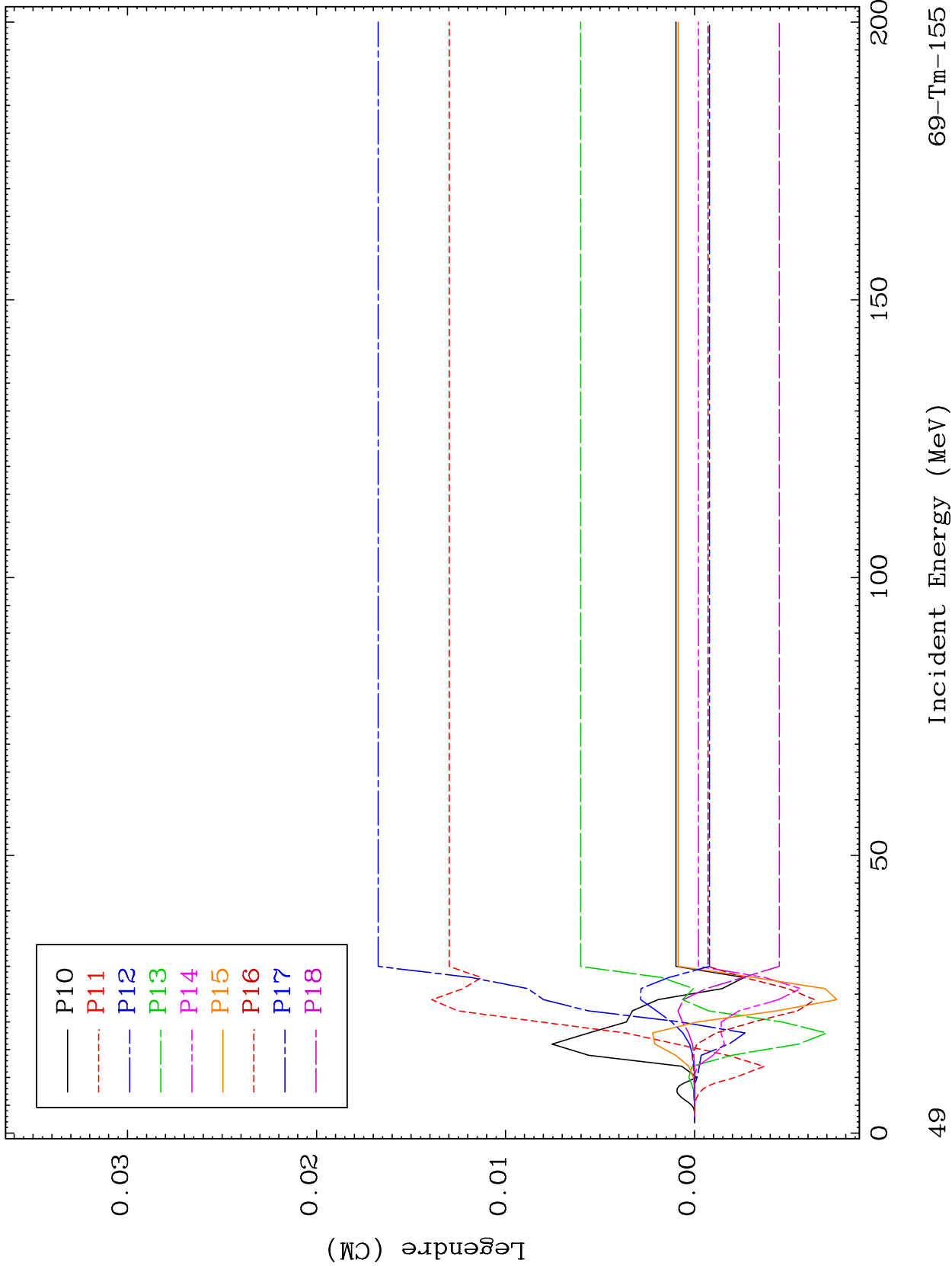
Incident Energy (MeV)

48

MAT 6883

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

69-Tm-155



49

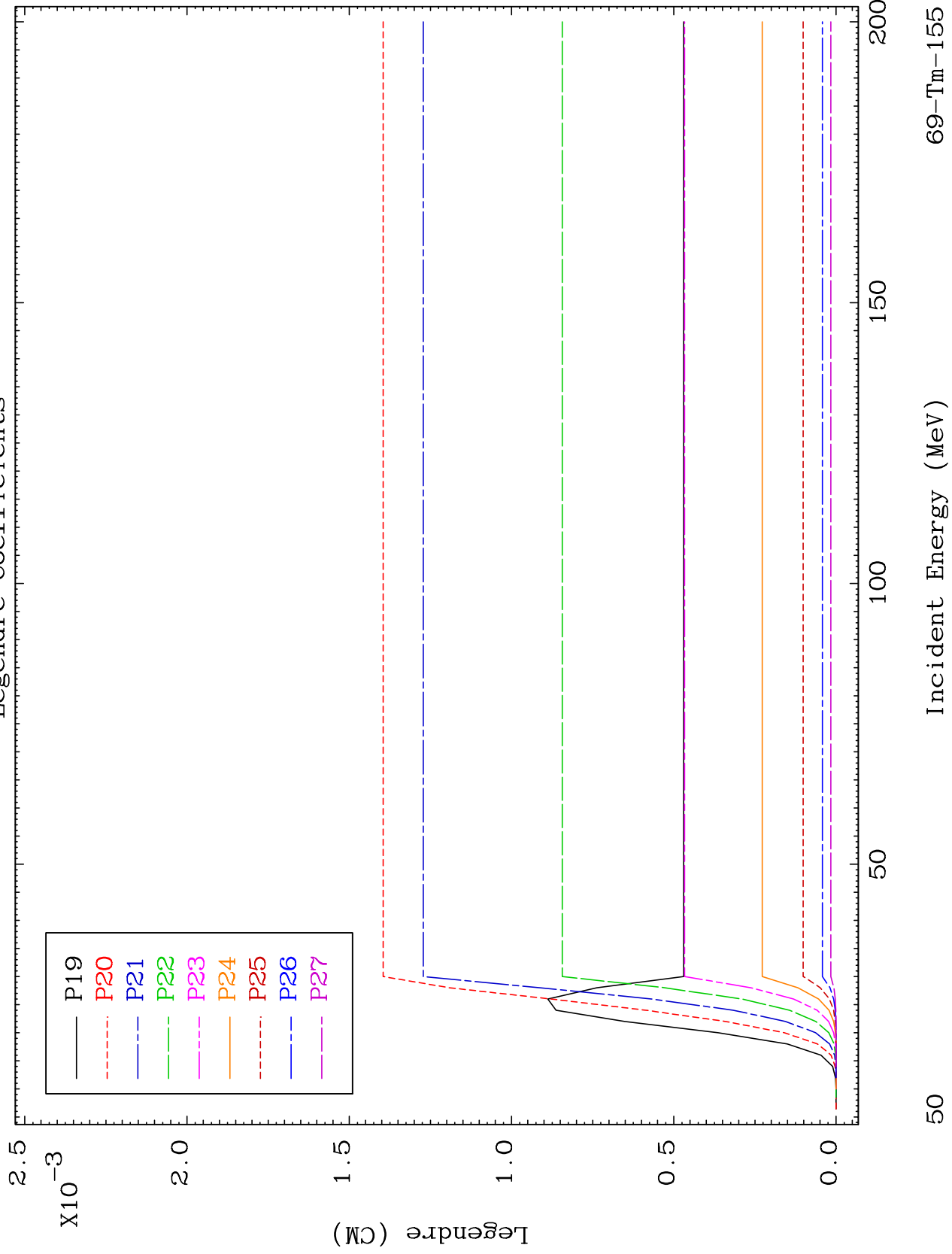
Incident Energy (MeV)

69-Tm-155

MAT 6883

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

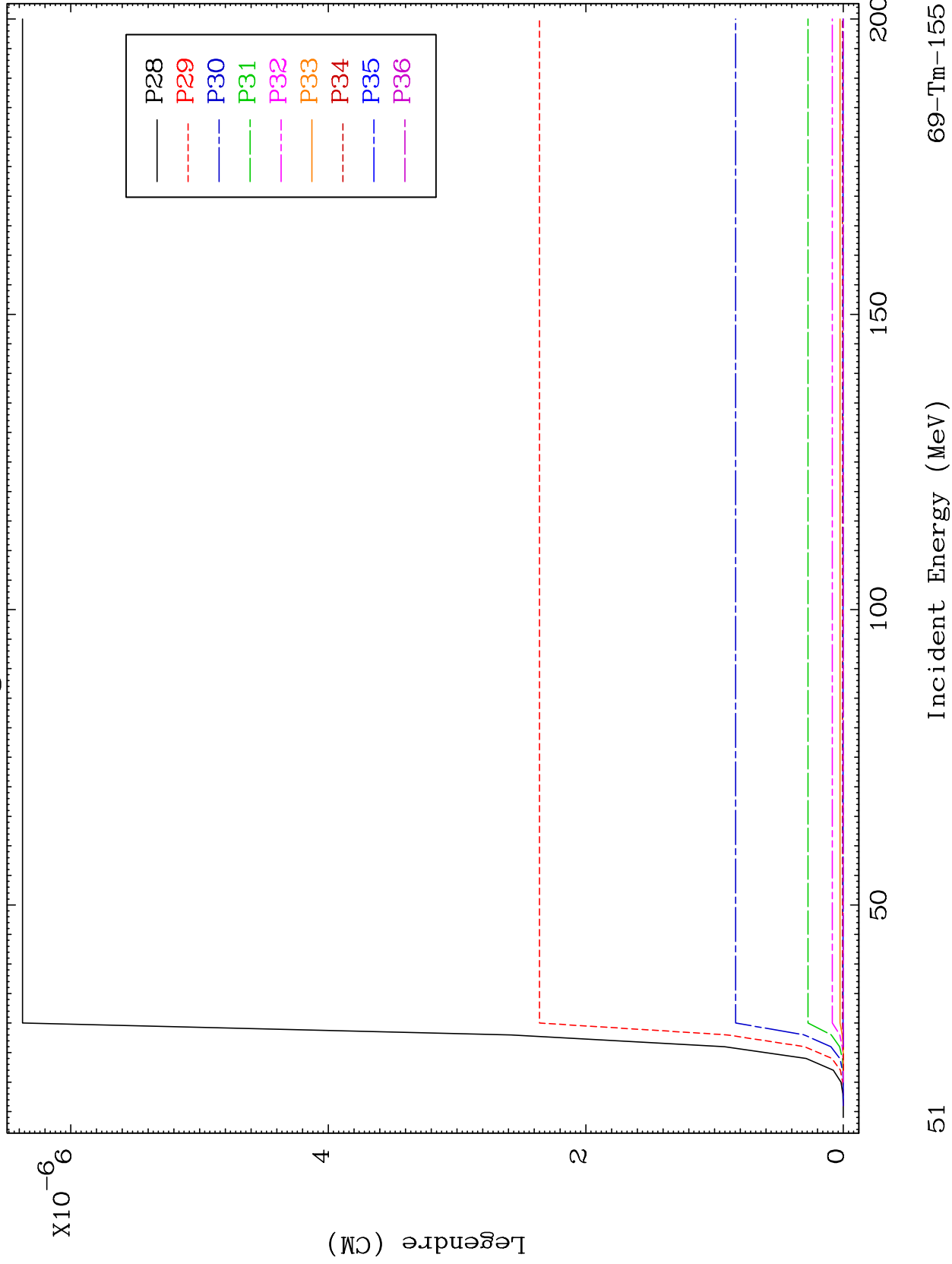
69-Tm-155



MAT 6883

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

69-Tm-155



51

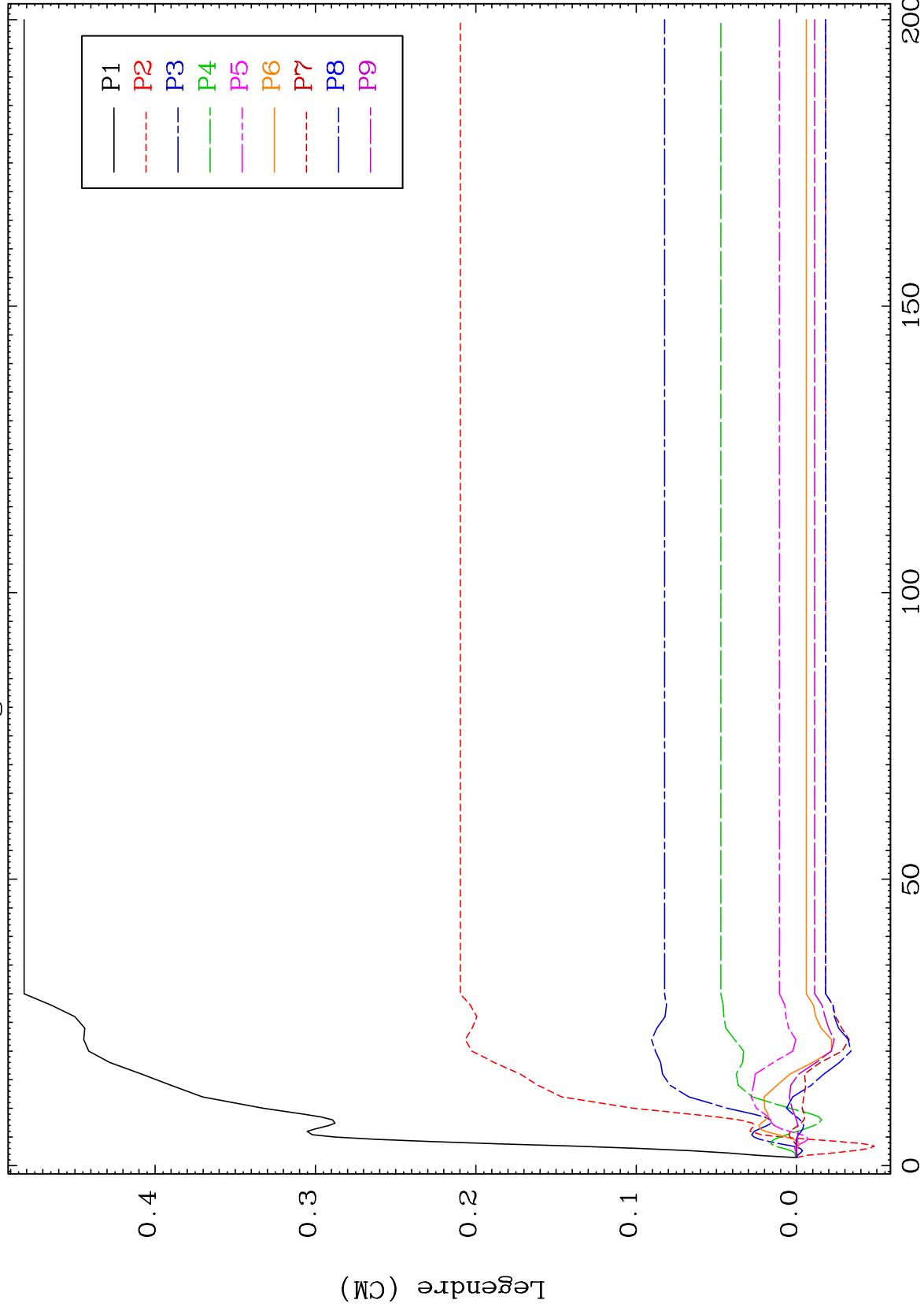
Incident Energy (MeV)

69-Tm-155

MAT 6883

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

69-Tm-155



69-Tm-155

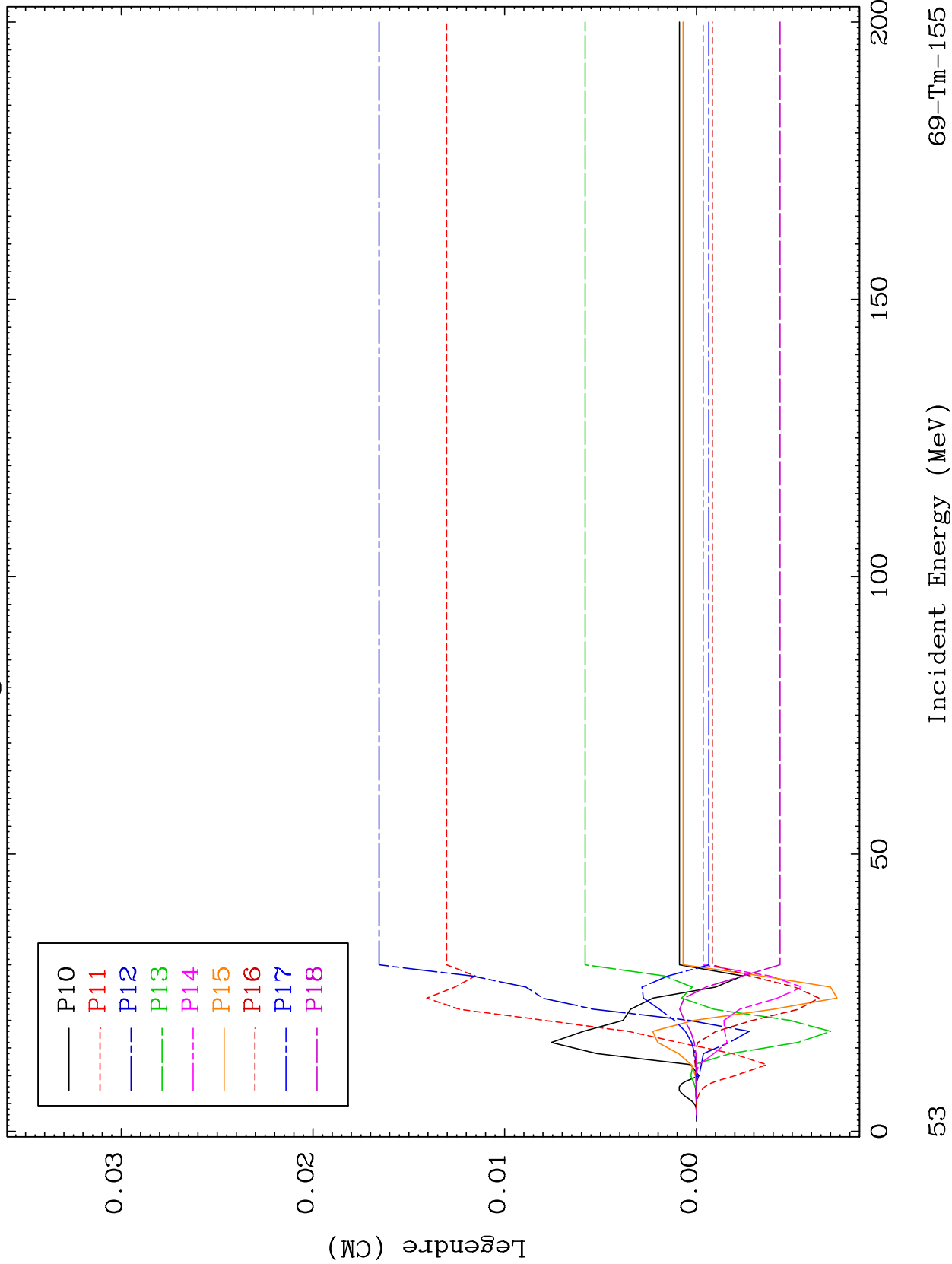
Incident Energy (MeV)

52

MAT 6883

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

69-Tm-155



53

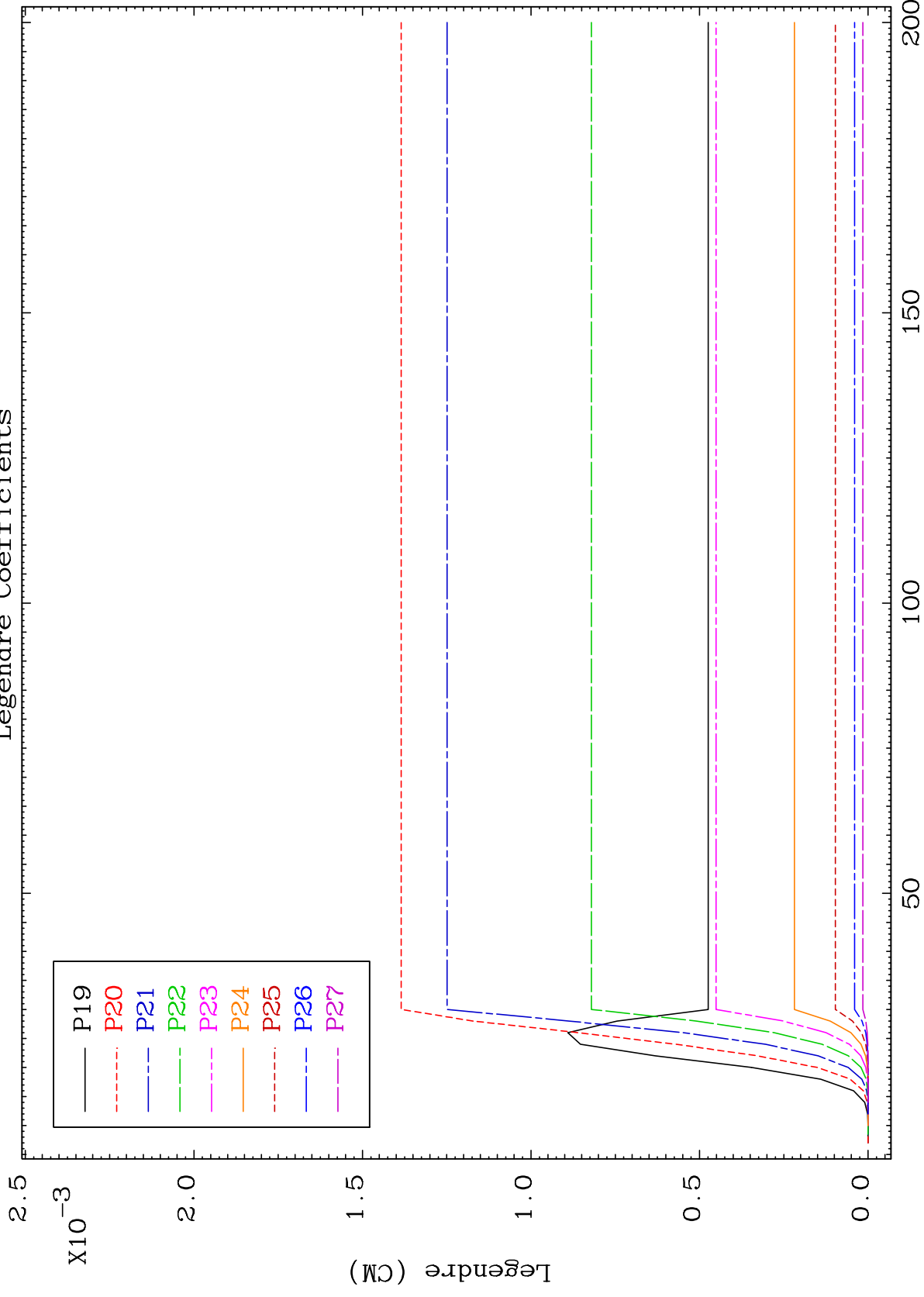
Incident Energy (MeV)

69-Tm-155

MAT 6883

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

69-Tm-155



54

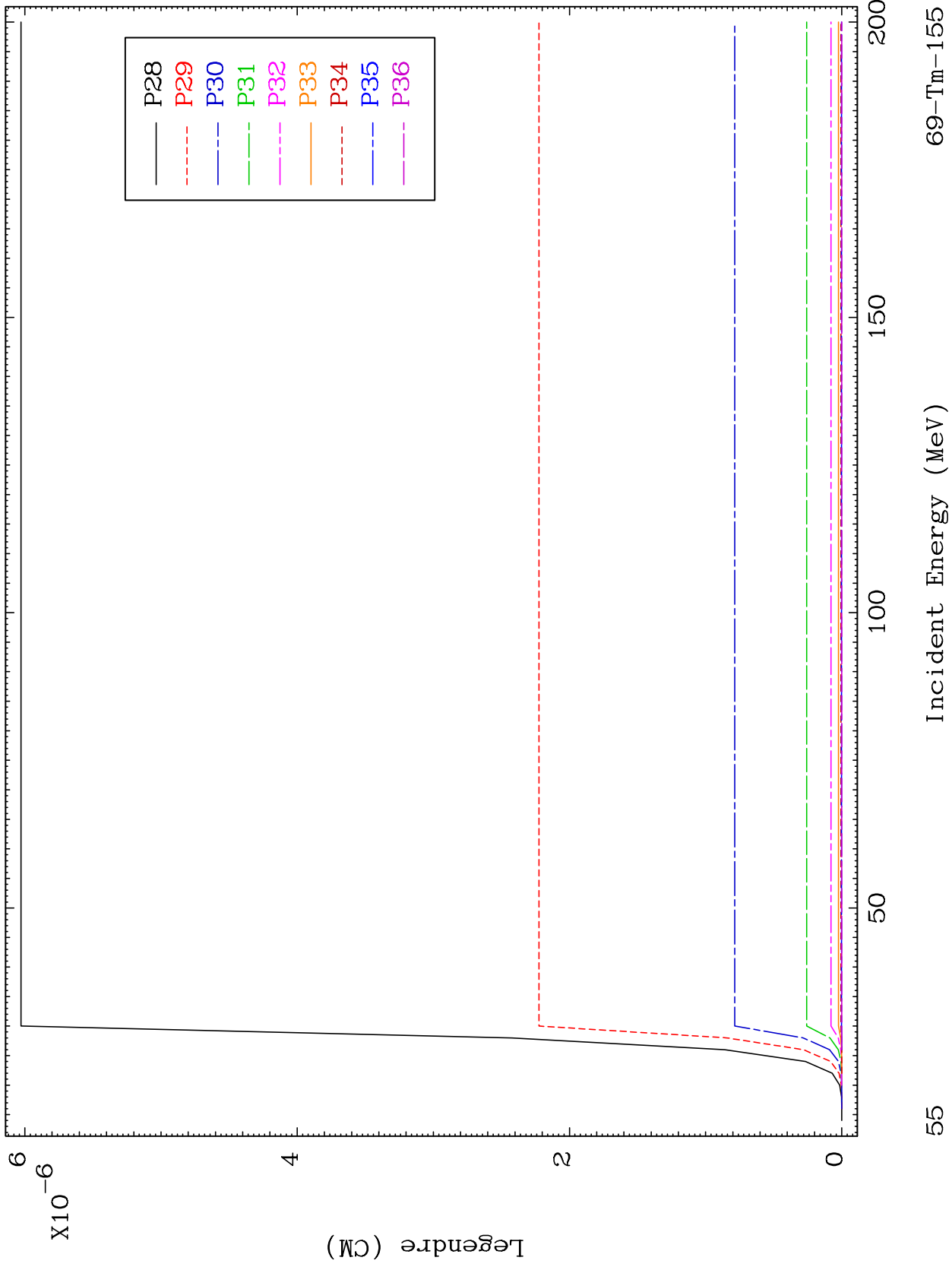
Incident Energy (MeV)

69-Tm-155

MAT 6883

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

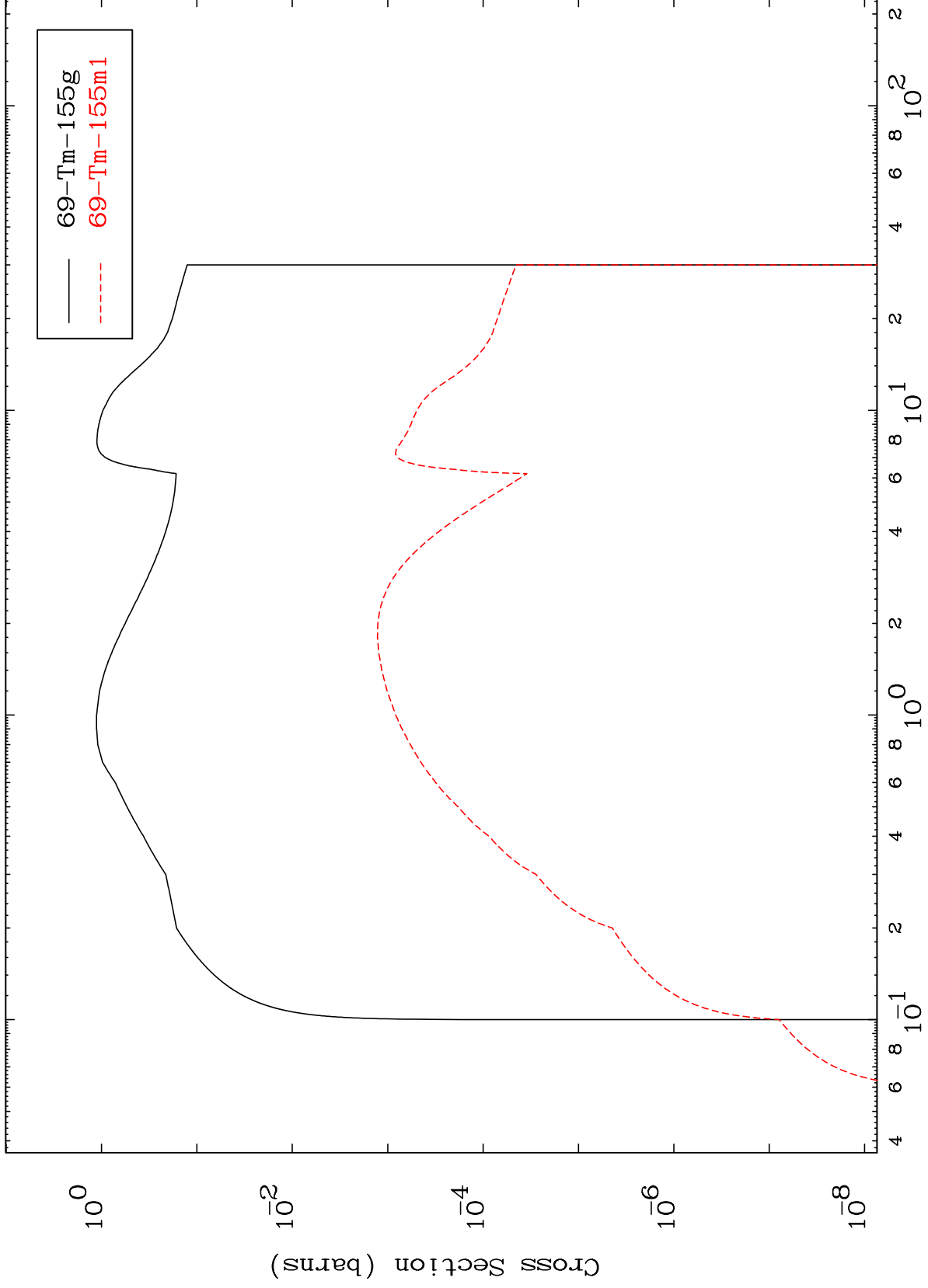
69-Tm-155



MAT 6883

Radionuclide Production Cross Section

69-Tm-155



56

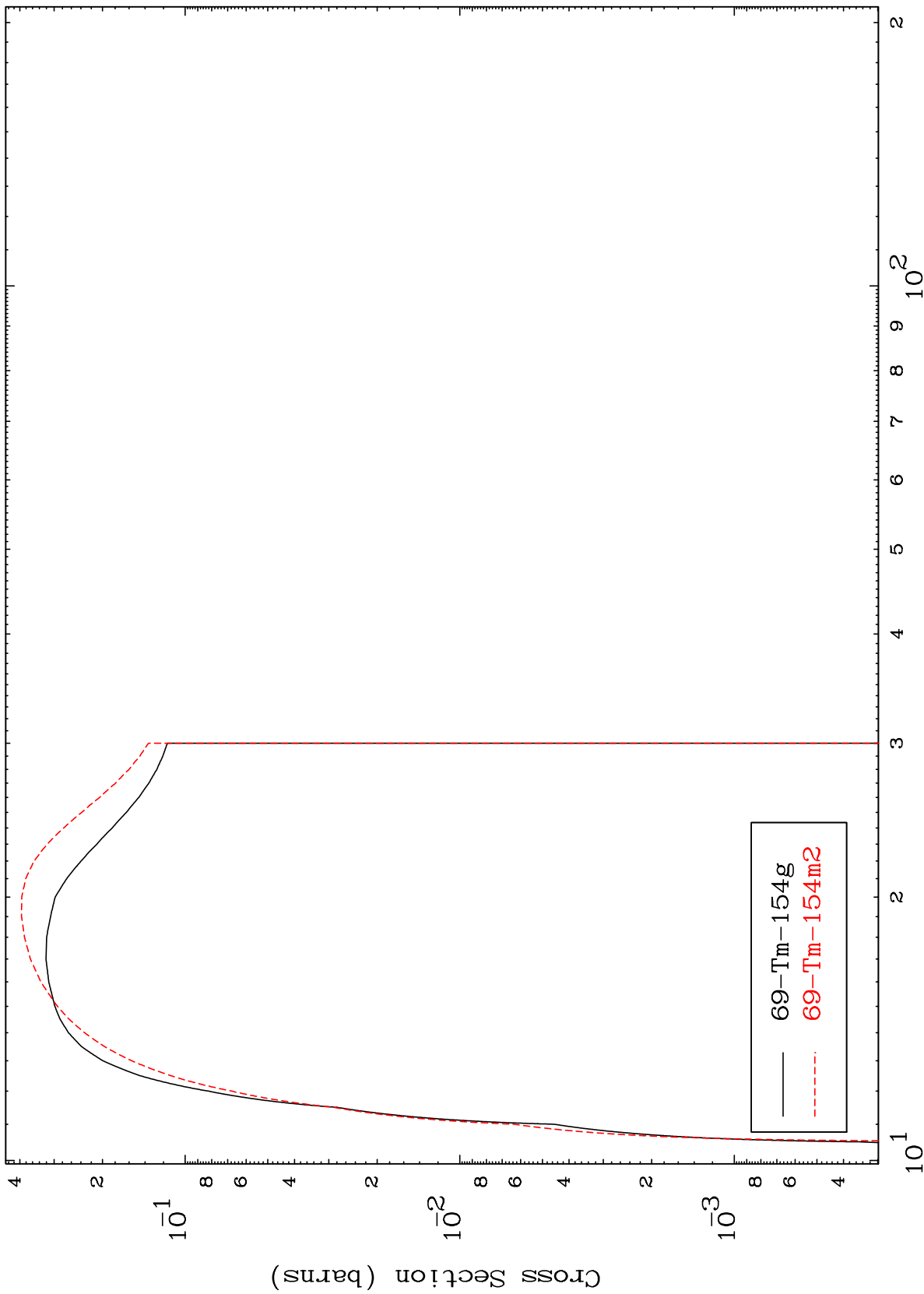
Incident Energy (MeV)

69-Tm-155

MAT 6883

69-Tm-155

(n,2n)
Radionuclide Production Cross Section



69-Tm-155

Incident Energy (MeV)

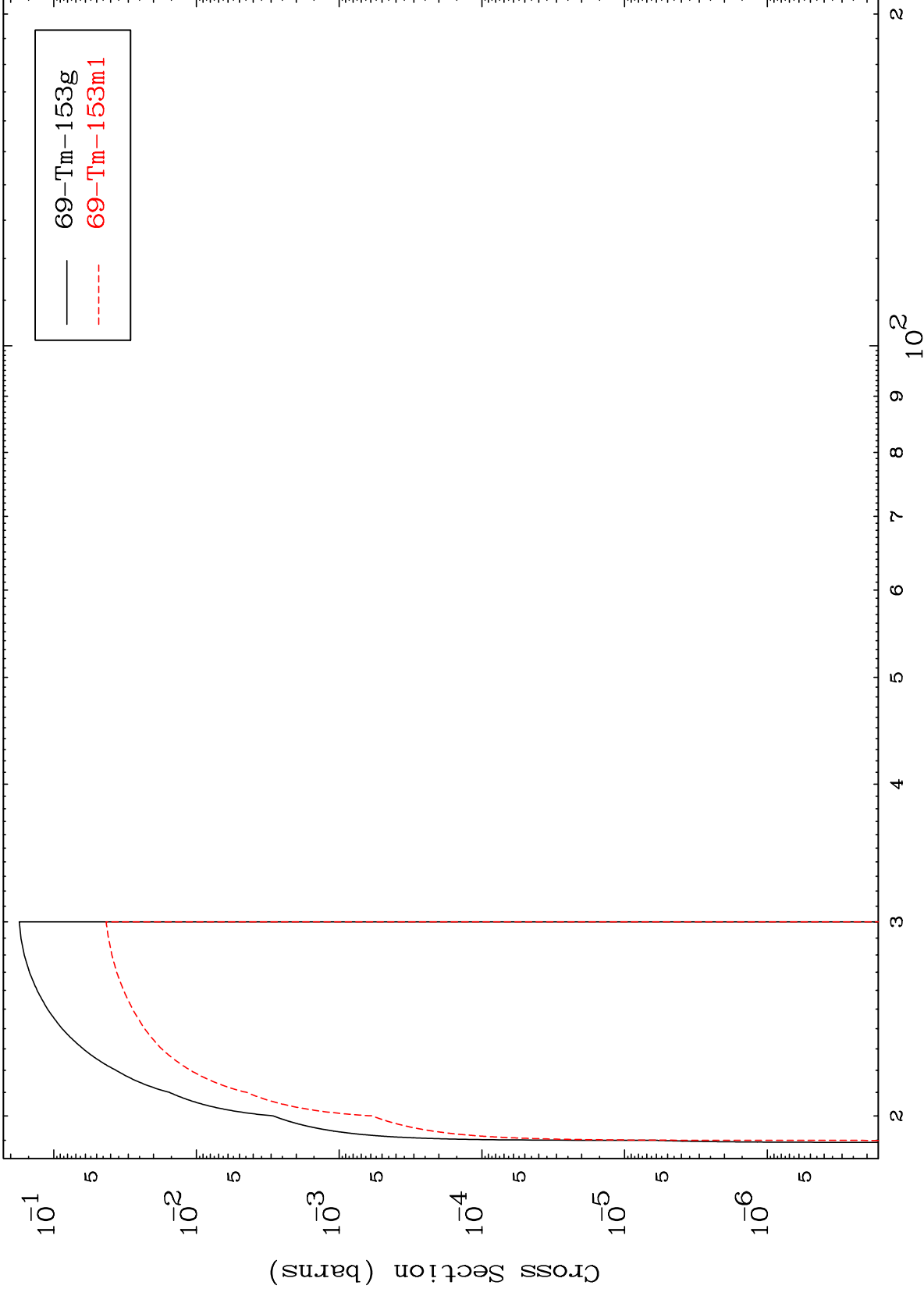
57

MAT 6883

(n,3n)

69-Tm-155

Radionuclide Production Cross Section



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

58

Incident Energy (MeV)

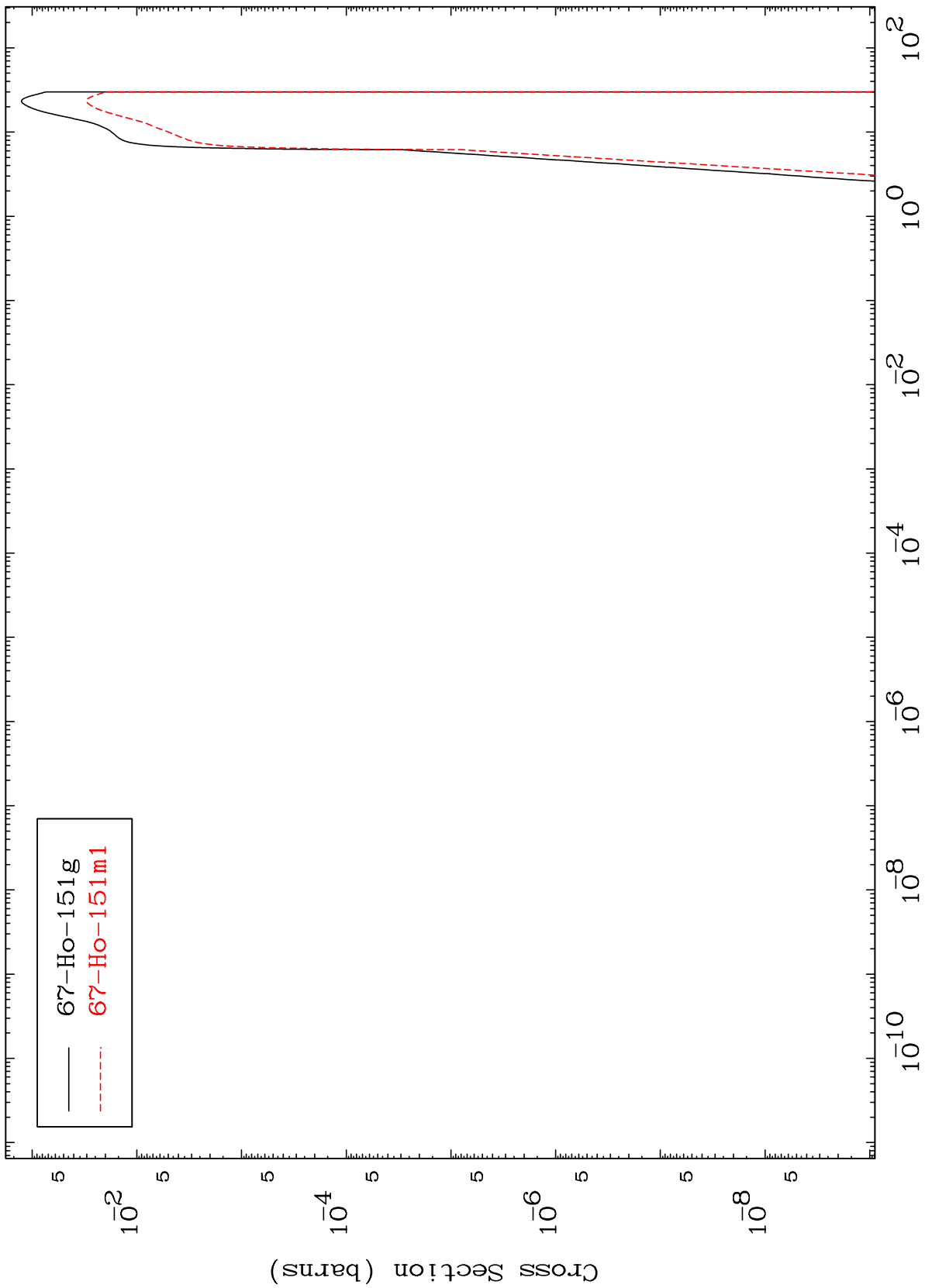
69-Tm-155

MAT 6883

$(n, n') \alpha$

$^{69}\text{Tm-155}$

Radionuclide Production Cross Section



59

Incident Energy (MeV)

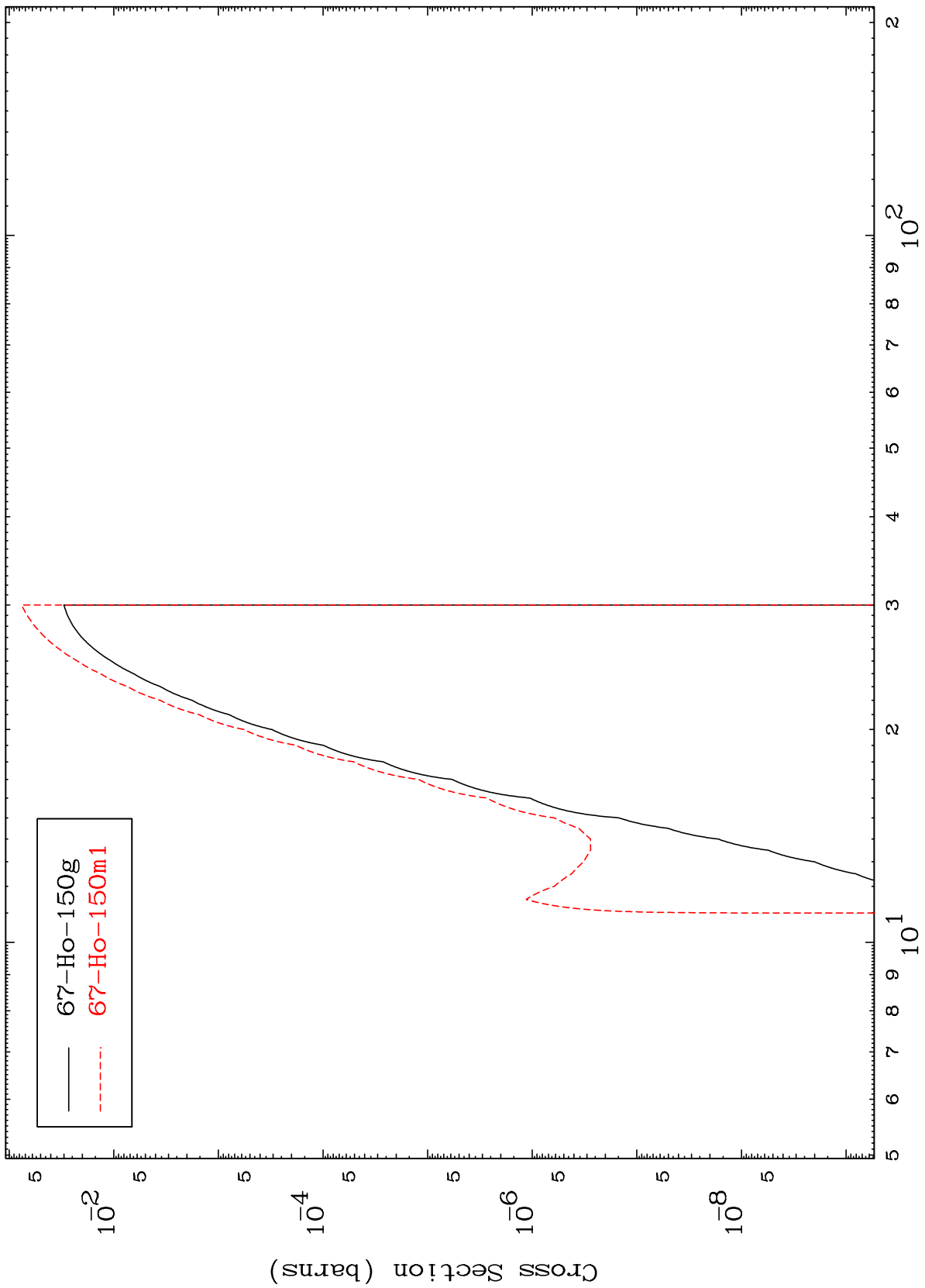
$^{69}\text{Tm-155}$

MAT 6883

$(n,2n) \alpha$

69-Tm-155

Radionuclide Production Cross Section



60

Incident Energy (MeV)

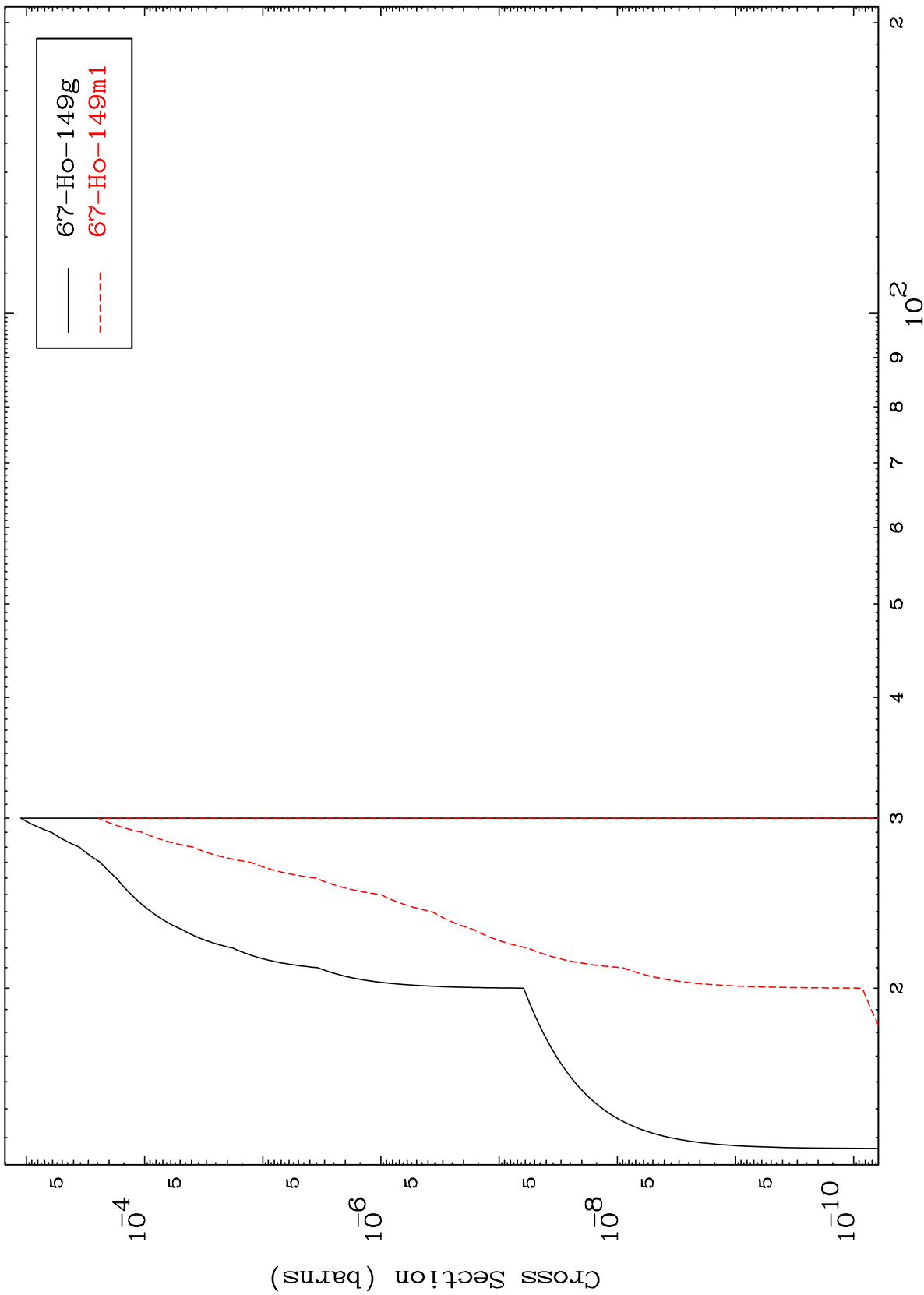
69-Tm-155

MAT 6883

(n,3n) α

69-Tm-155

Radionuclide Production Cross Section



61

Incident Energy (MeV)

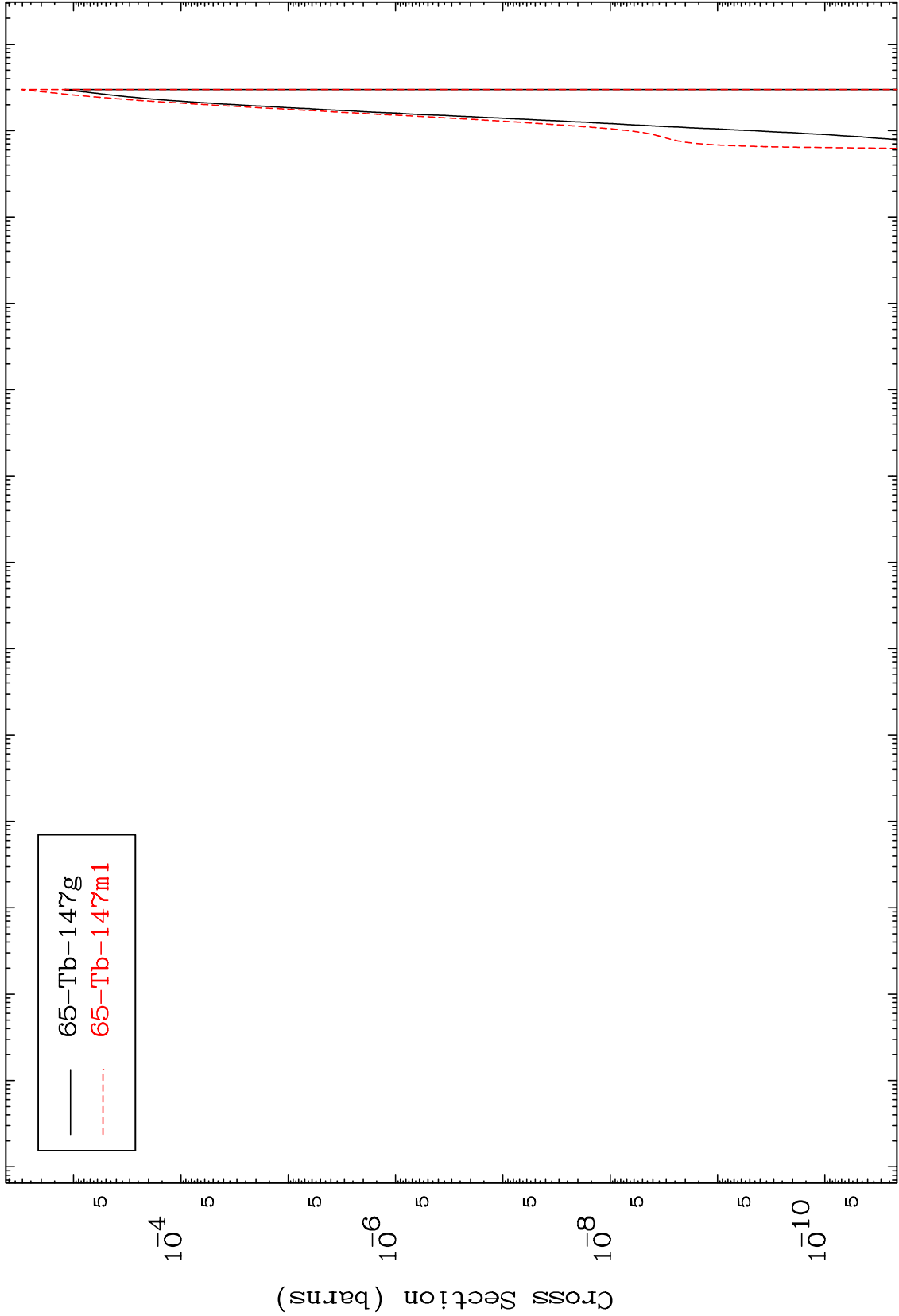
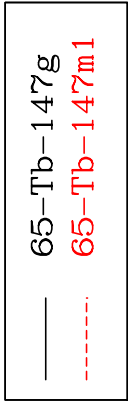
69-Tm-155

MAT 6883

(n,n') 2α

69-Tm-155

Radionuclide Production Cross Section



69-Tm-155

10⁰

10⁻²

10⁻⁴

10⁻⁶

10⁻⁸

10⁻¹⁰

10²

Incident Energy (MeV)

69-Tm-155

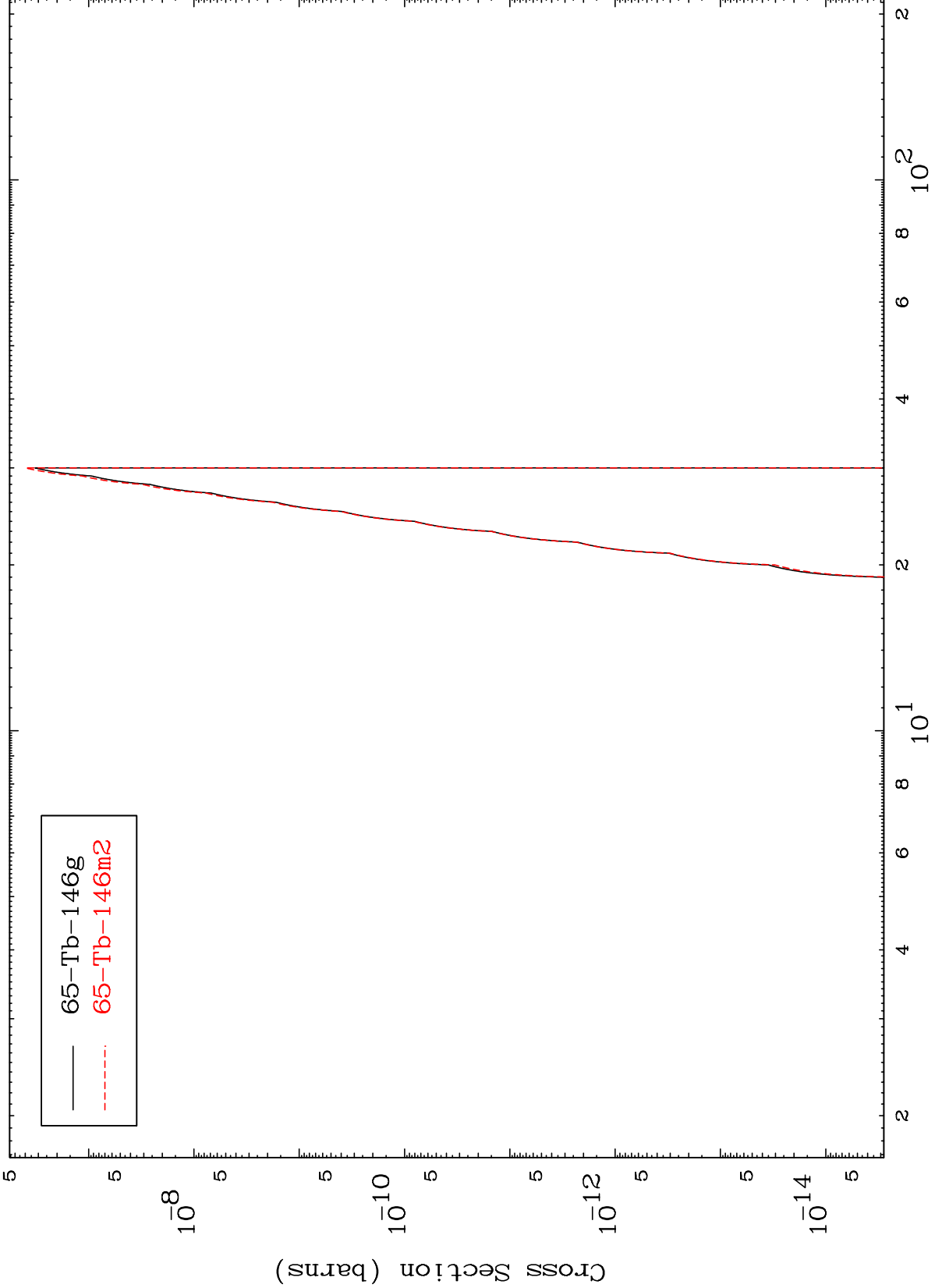
62

MAT 6883

(n,2n) 2α

69-Tm-155

Radionuclide Production Cross Section



65-Tb-146g
65-Tb-146m2

63

Incident Energy (MeV)

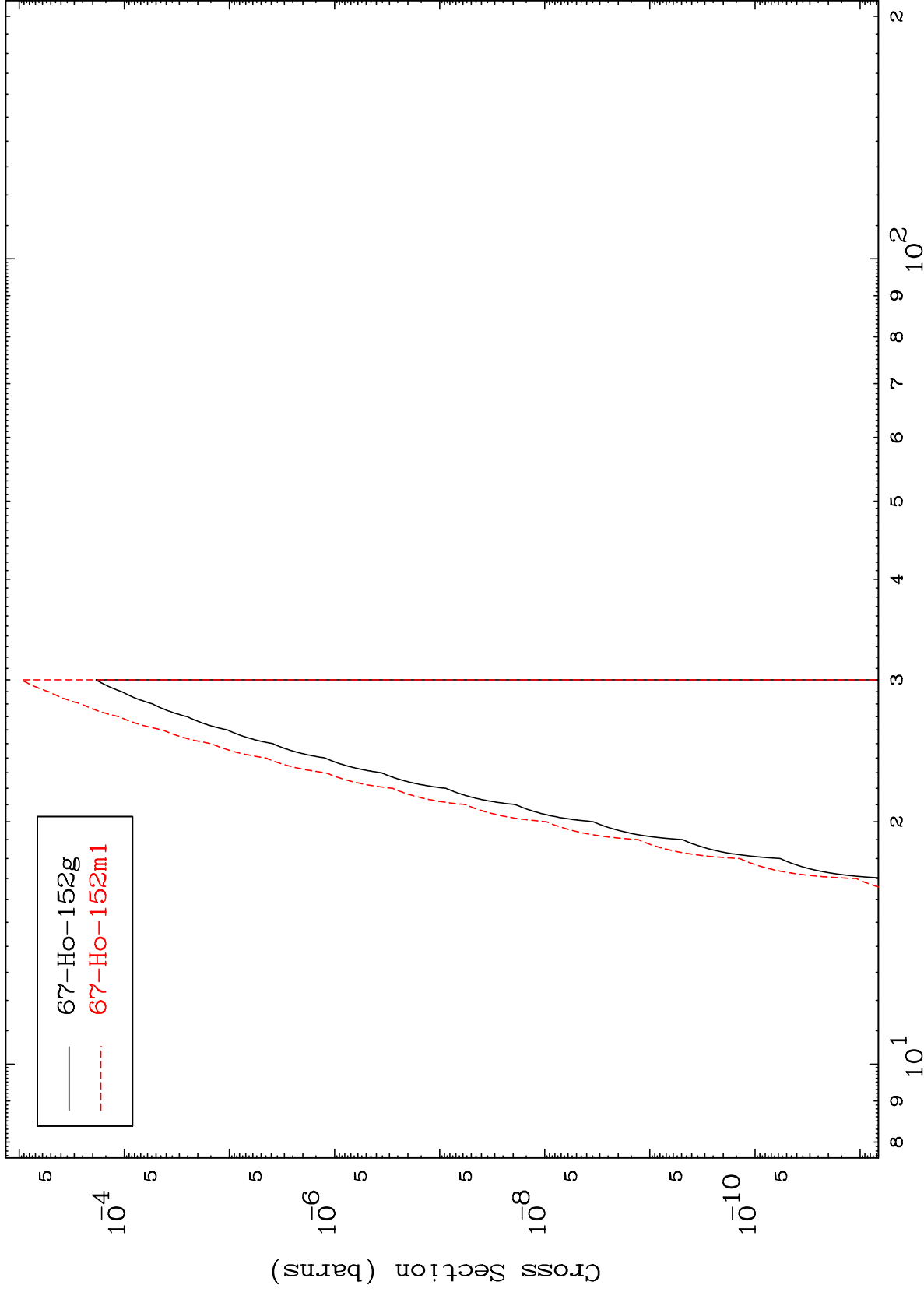
69-Tm-155

MAT 6883

(n,n') He-3

69-Tm-155

Radionuclide Production Cross Section



64

Incident Energy (MeV)

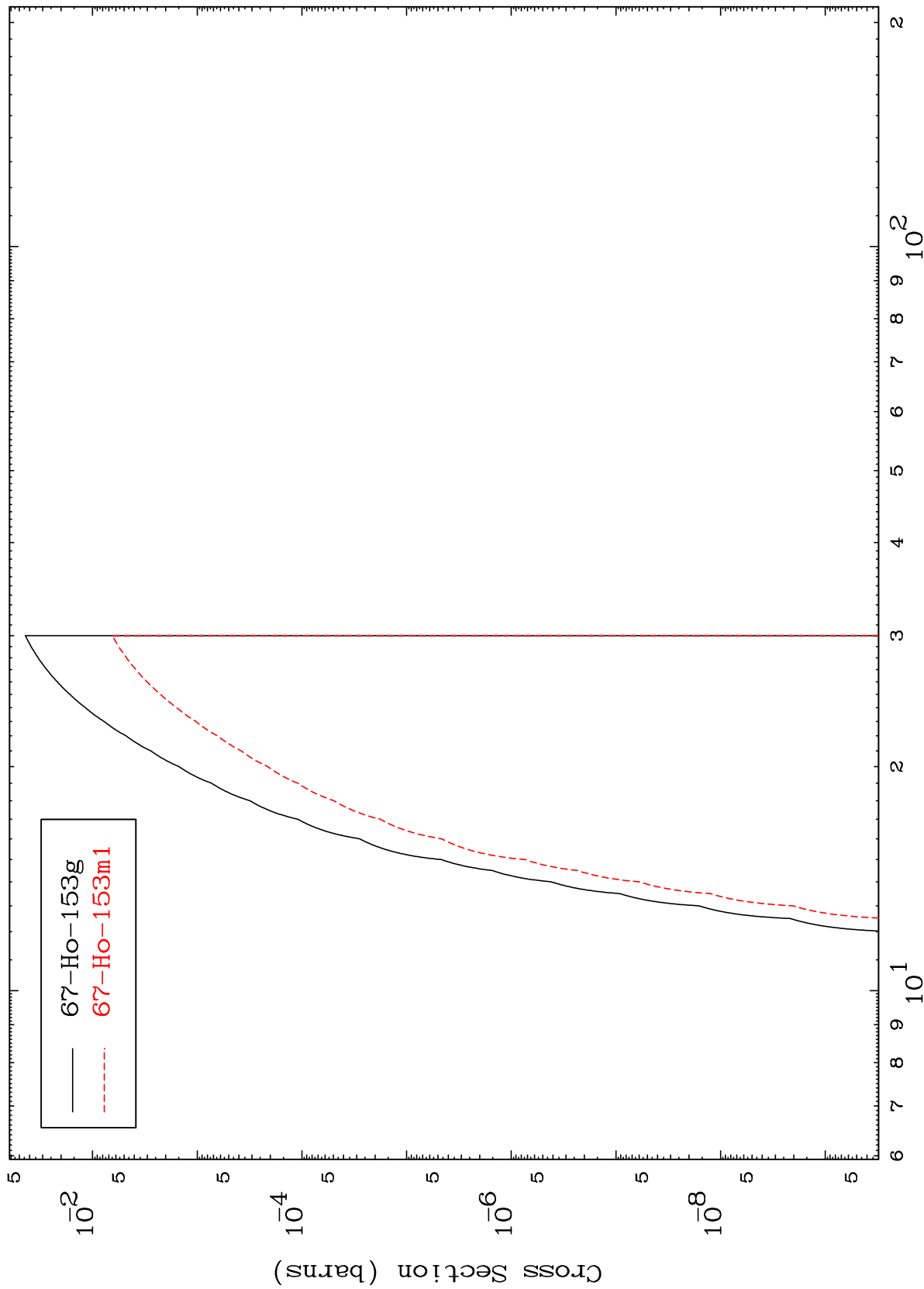
69-Tm-155

MAT 6883

(n,2n) p

69-Tm-155

Radionuclide Production Cross Section



67-Ho-153g
67-Ho-153m1

Incident Energy (MeV)

69-Tm-155

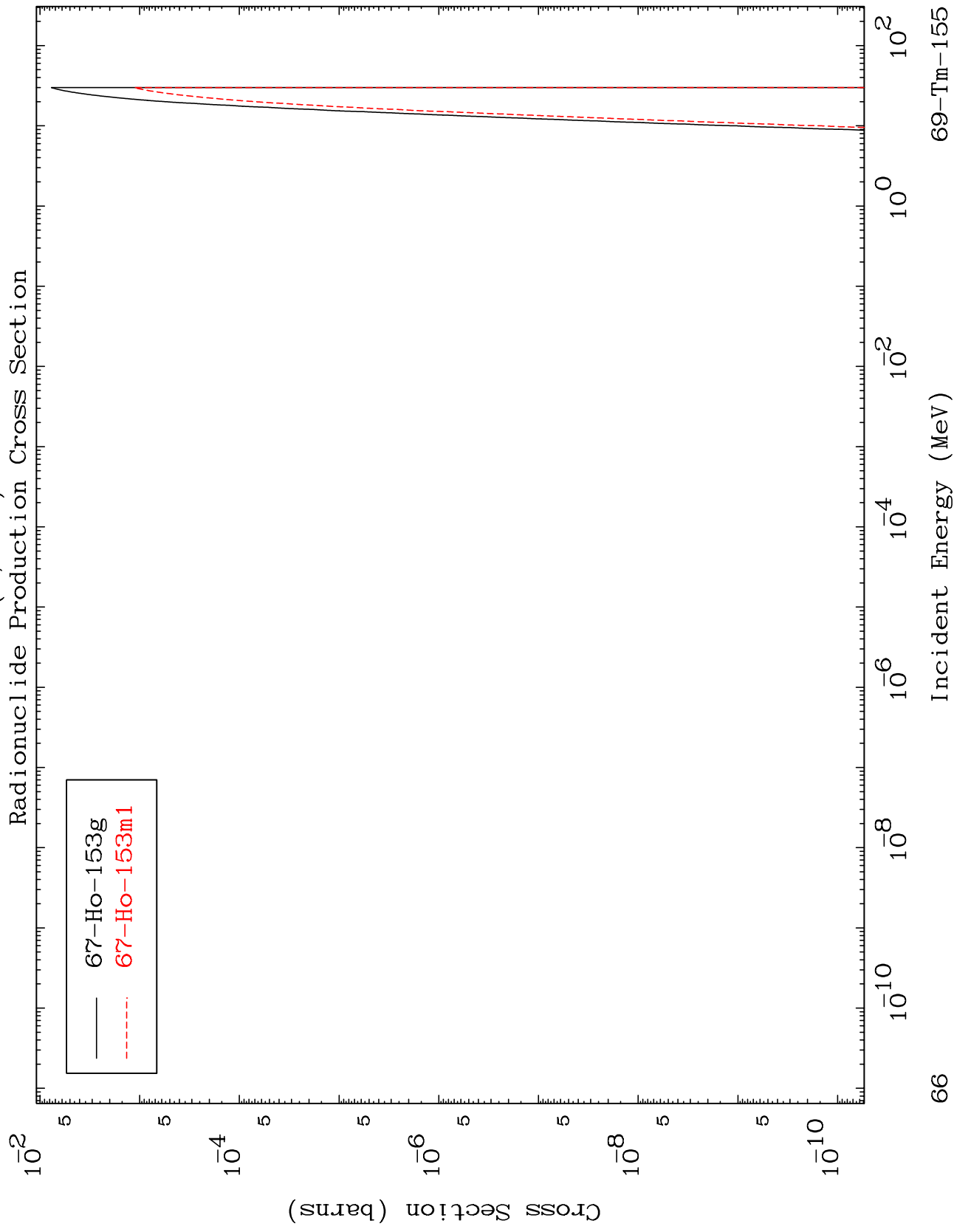
65

MAT 6883

(n,He-3)

69-Tm-155

Radionuclide Production Cross Section



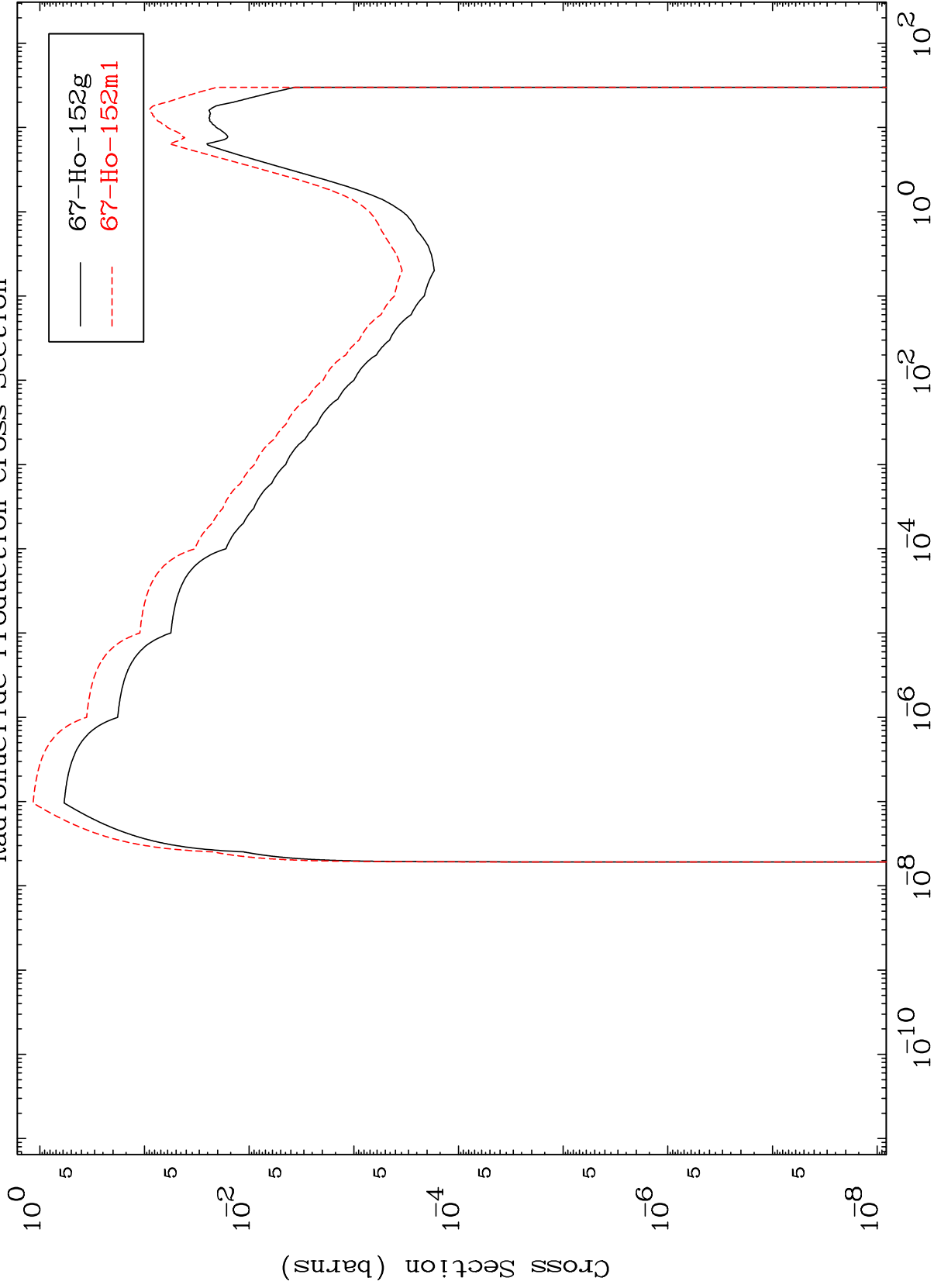
66

MAT 6883

(n, α)

69-Tm-155

Radionuclide Production Cross Section



67

Incident Energy (MeV)

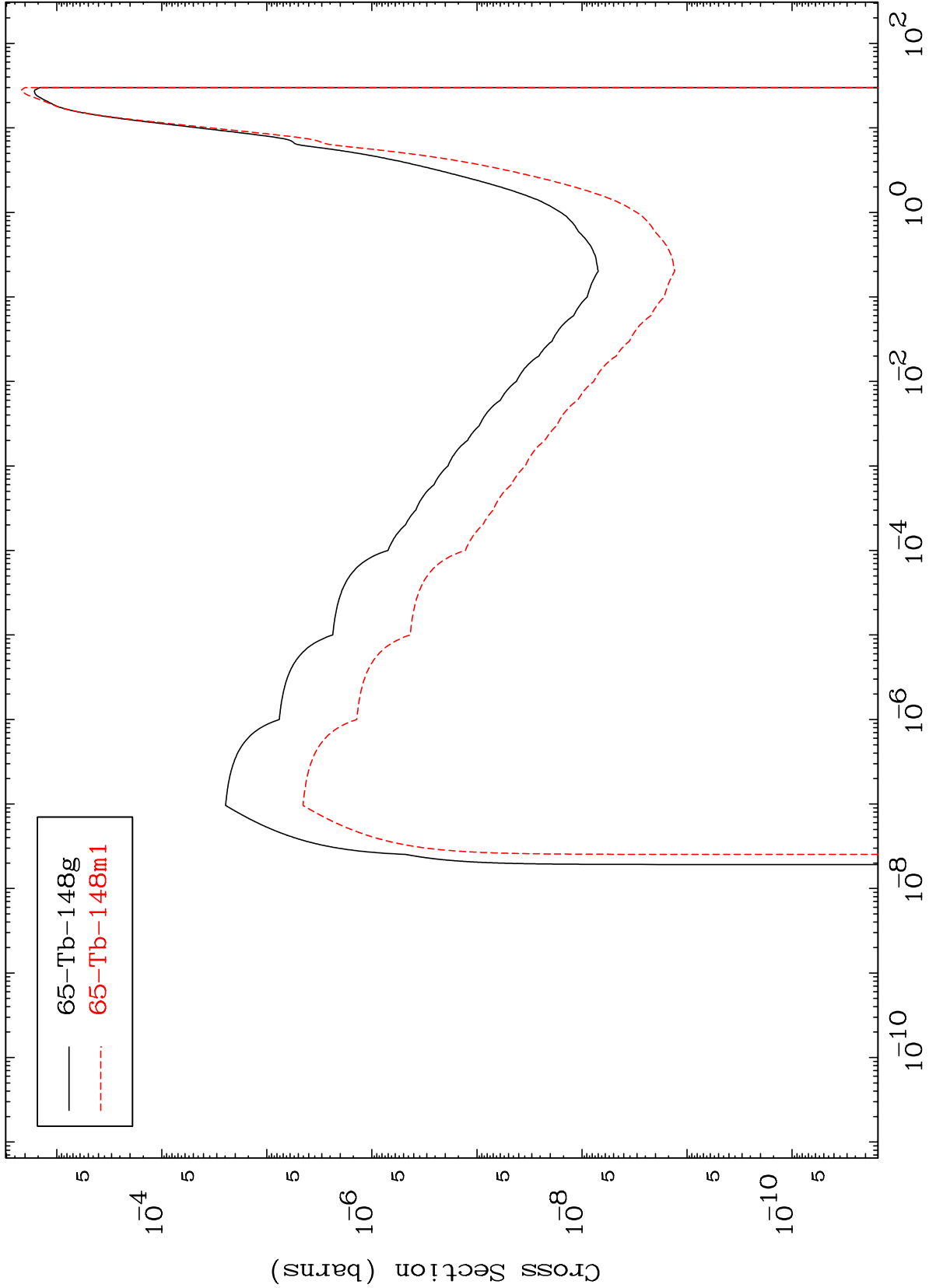
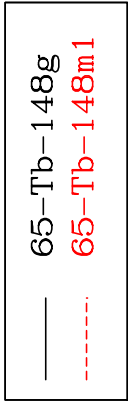
69-Tm-155

MAT 6883

(n,2α)

69-Tm-155

Radionuclide Production Cross Section



68

Incident Energy (MeV)

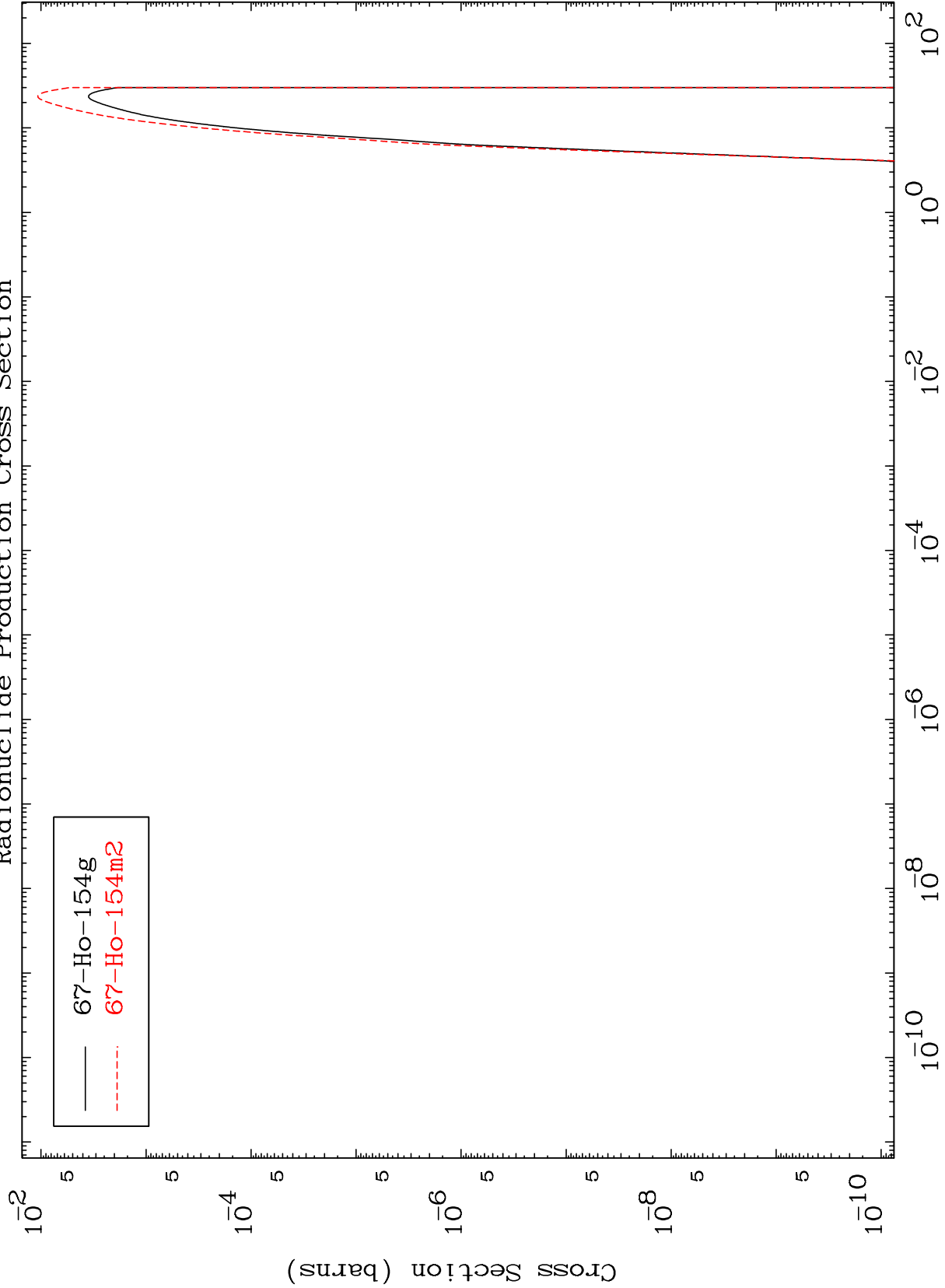
69-Tm-155

MAT 6883

(n,2p)

69-Tm-155

Radionuclide Production Cross Section



69

Incident Energy (MeV)

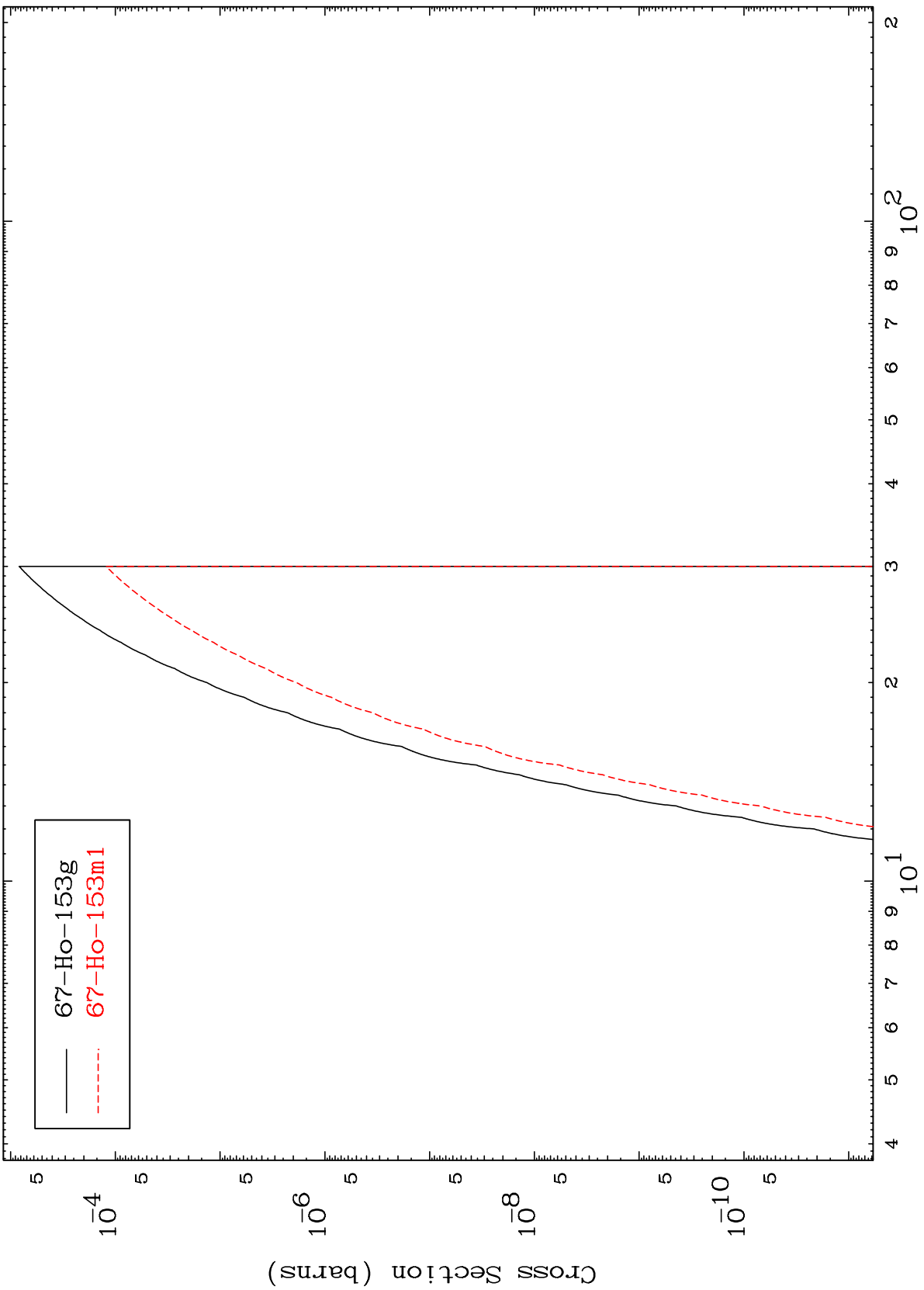
69-Tm-155

MAT 6883

(n,p) d

69-Tm-155

Radionuclide Production Cross Section



70

Incident Energy (MeV)

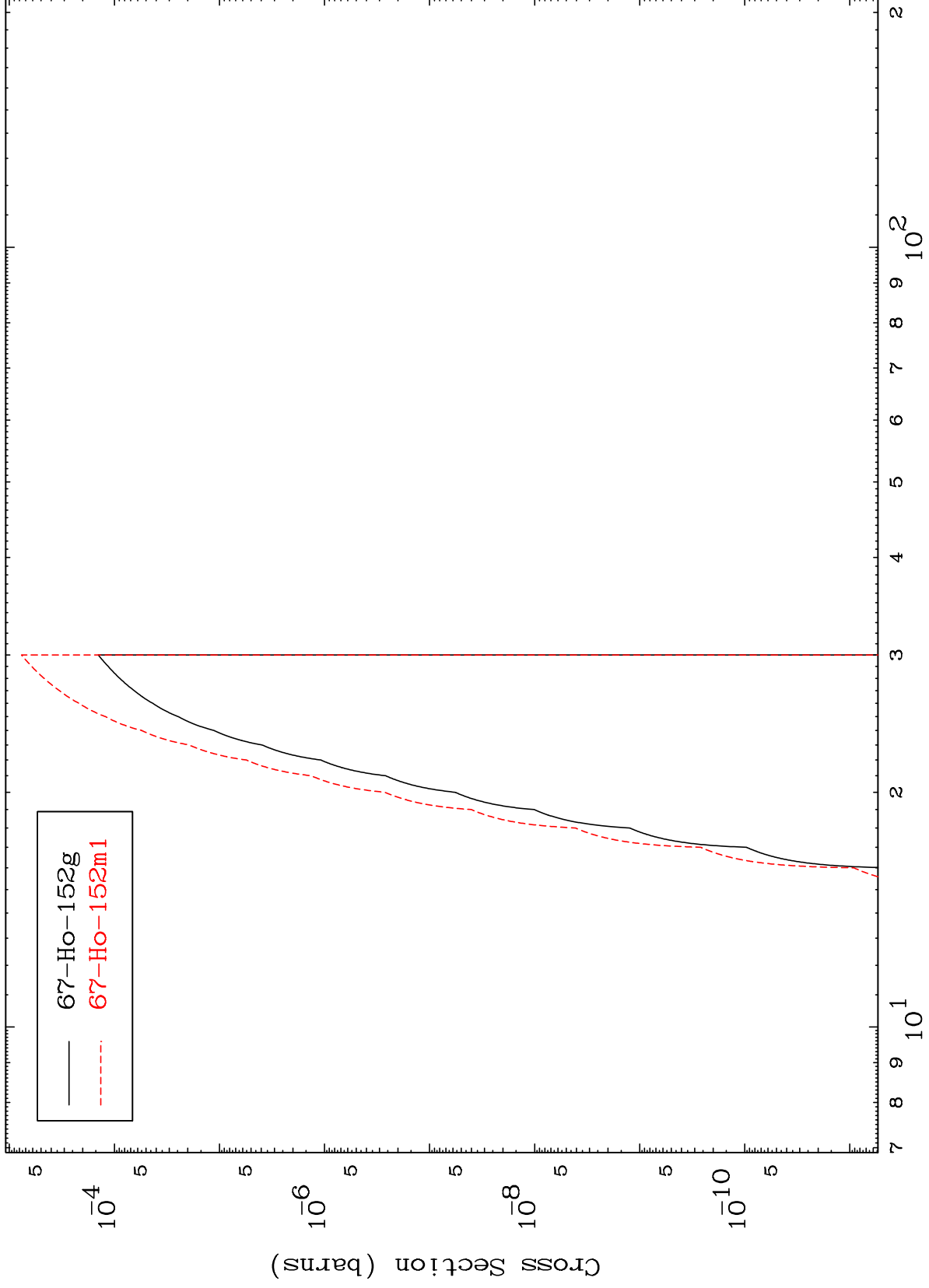
69-Tm-155

MAT 6883

(n,p) t

69-Tm-155

Radionuclide Production Cross Section



71

Incident Energy (MeV)

69-Tm-155