

Program EVALPLOT
(Version 2018-1)

by

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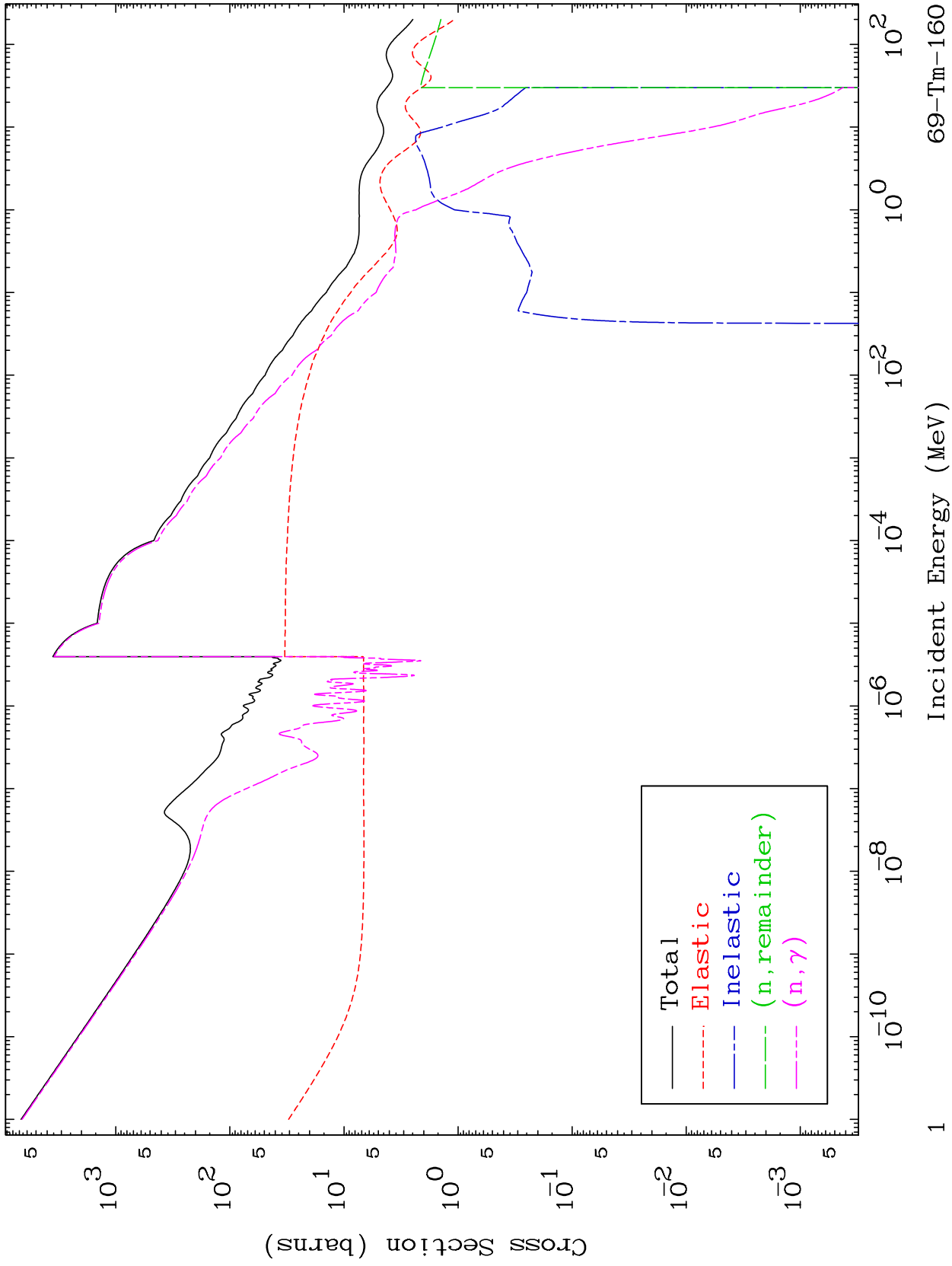
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6898

Major
293 Kelvin Cross Sections

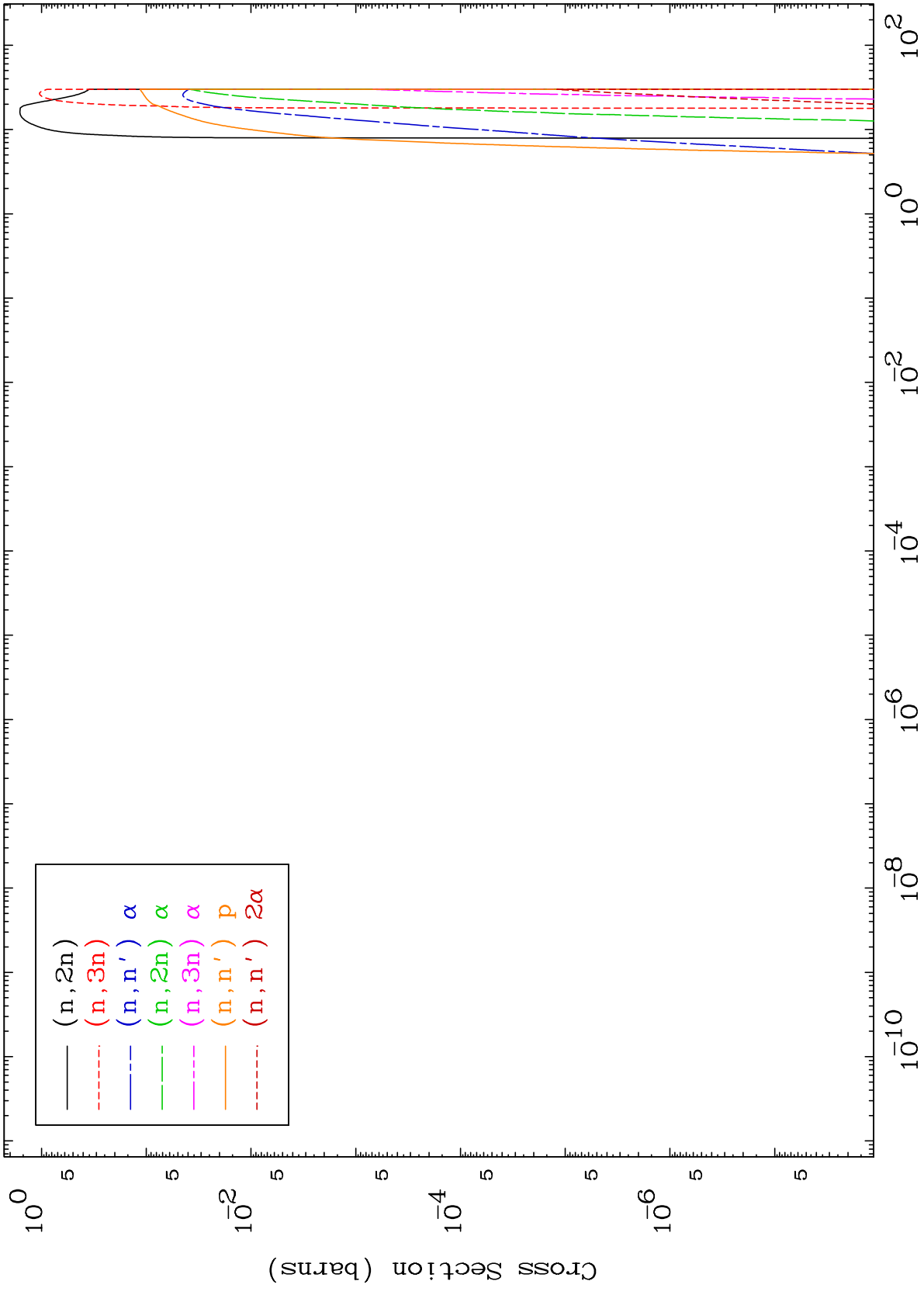
69-Tm-160



MAT 6898

Neutron Production
293 Kelvin Cross Sections

69-Tm-160



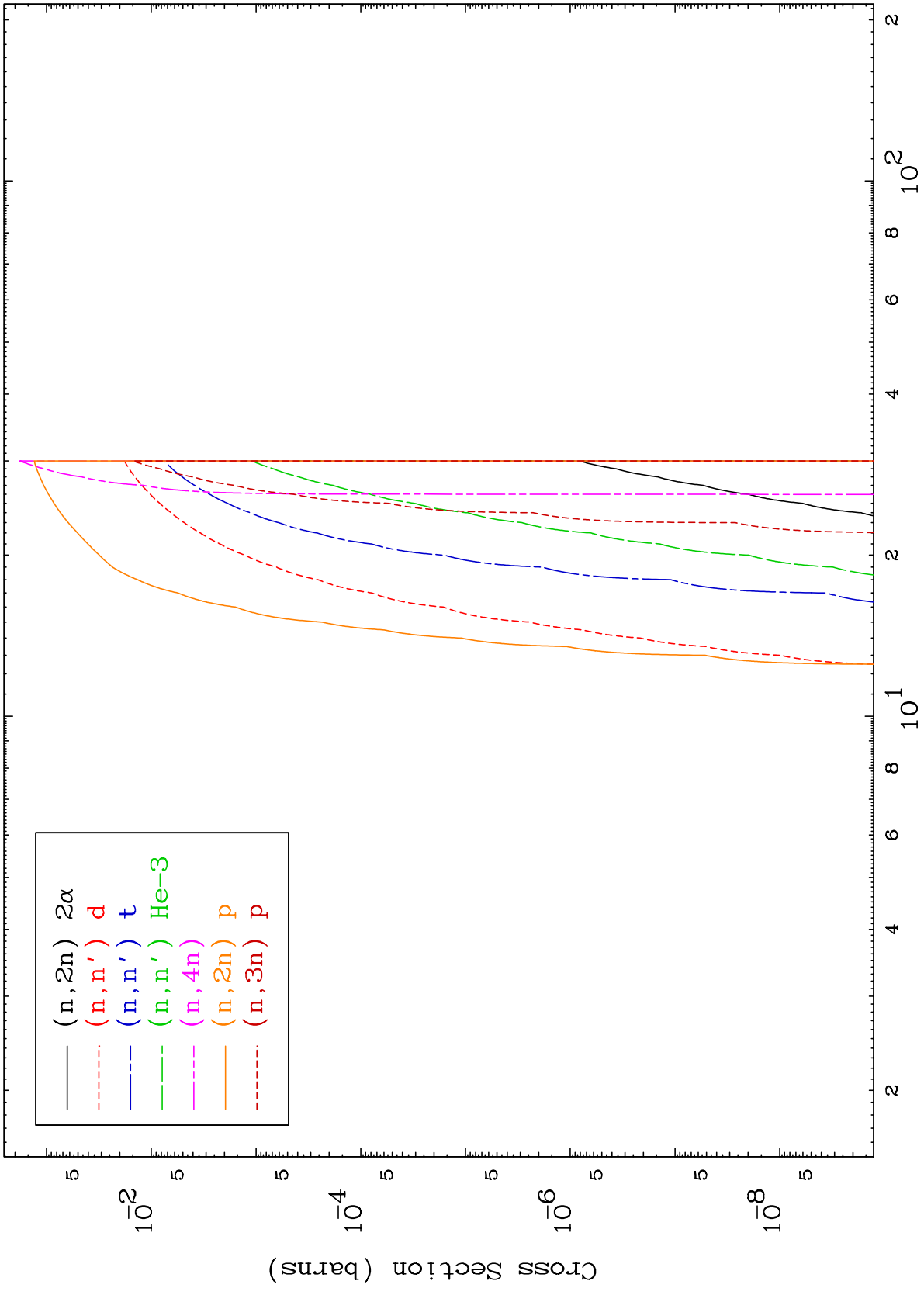
2

69-Tm-160

MAT 6898

Neutron Production
293 Kelvin Cross Sections

69-Tm-160



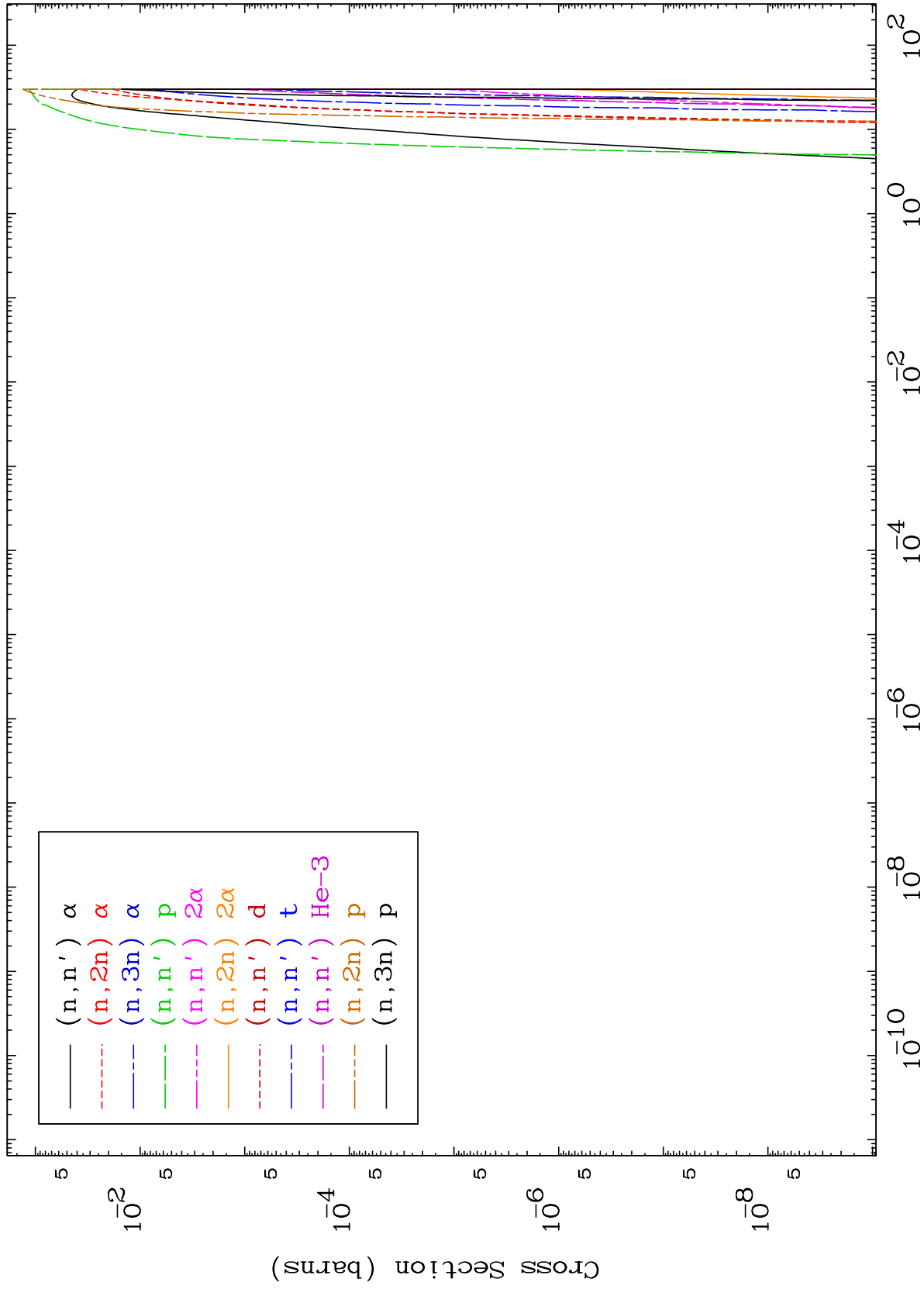
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69-Tm-160

MAT 6898

293 Kelvin Cross Sections

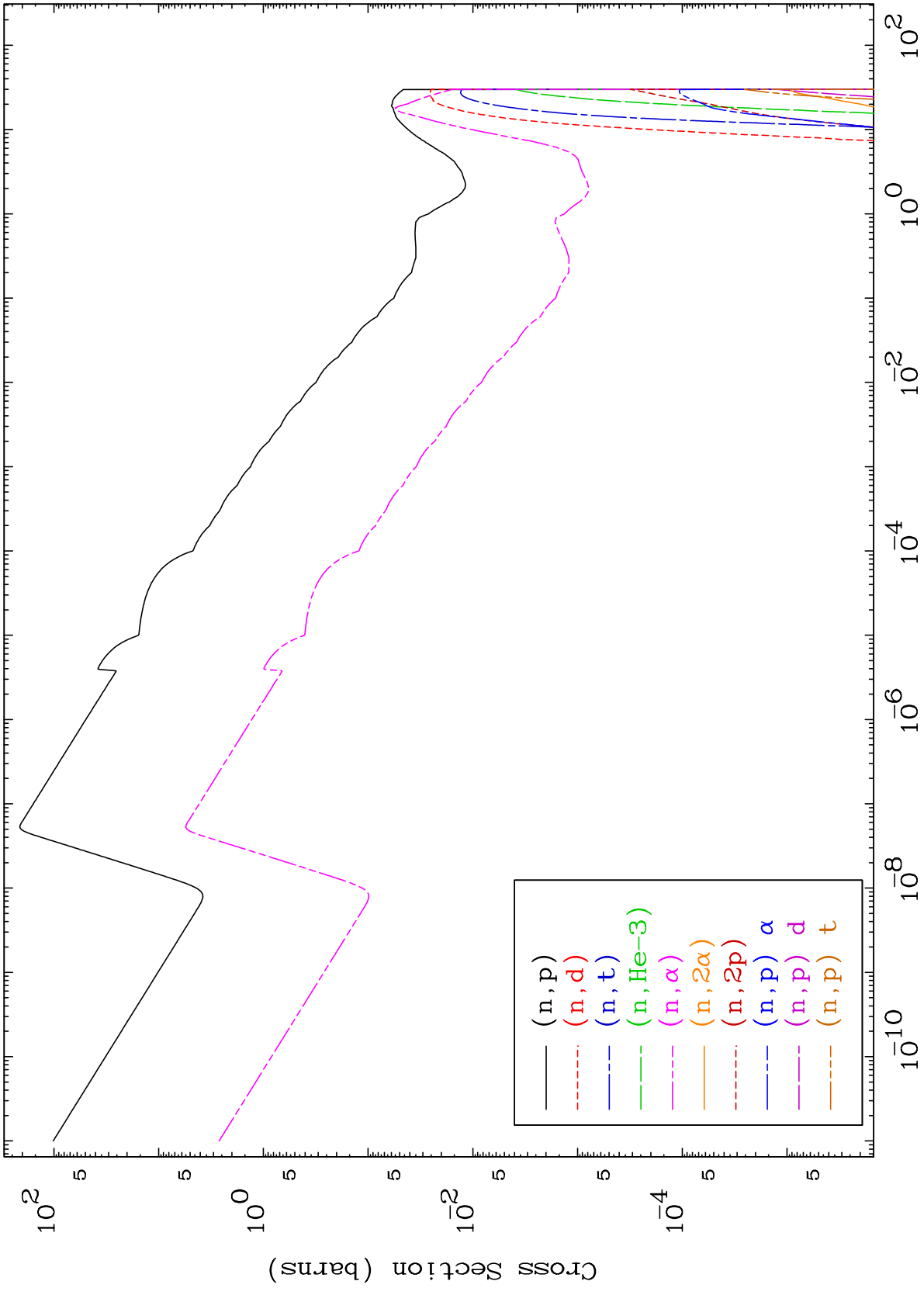
69-Tm-160



MAT 6898

293 Kelvin Cross Sections

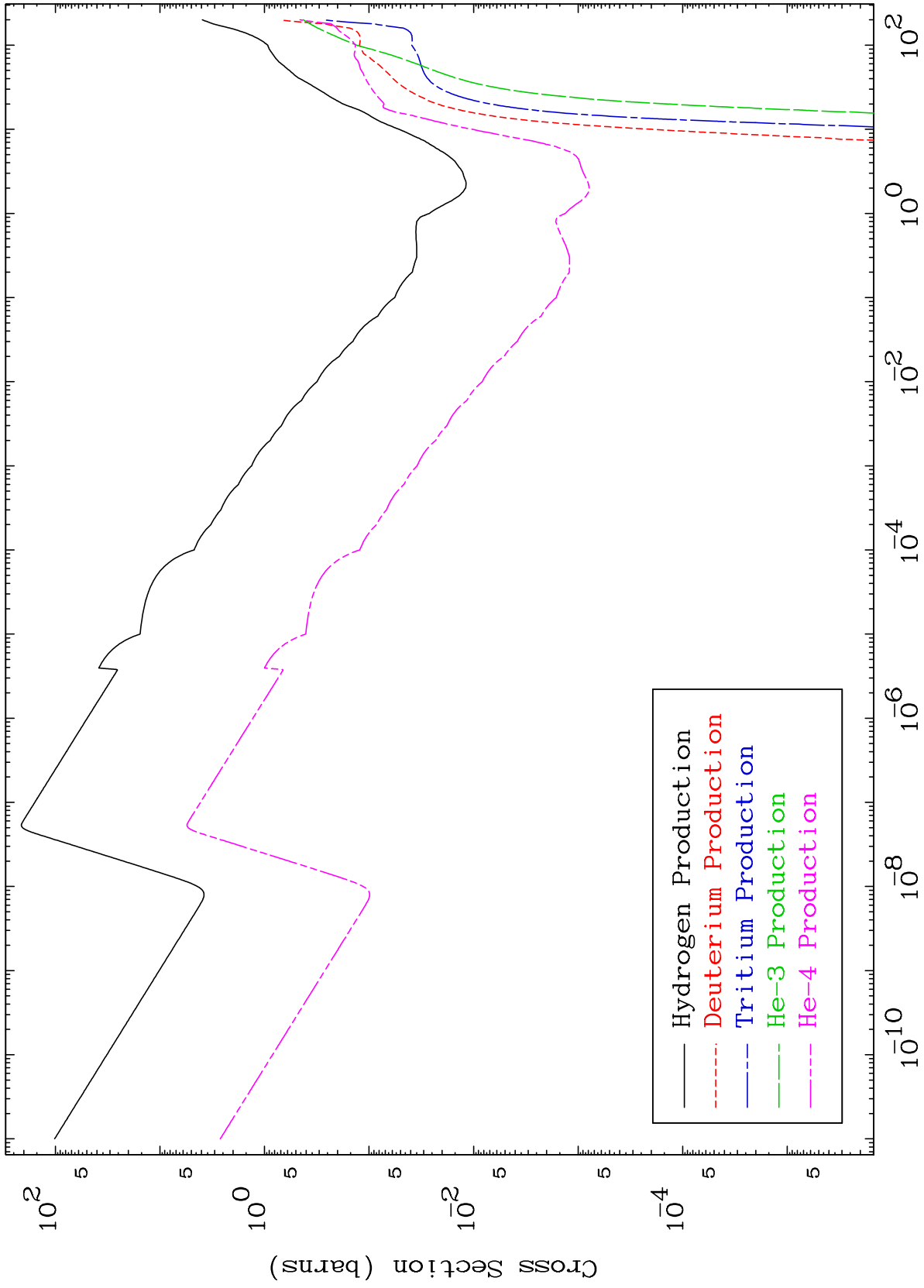
69-Tm-160



MAT 6898

Particle Production
293 Kelvin Cross Sections

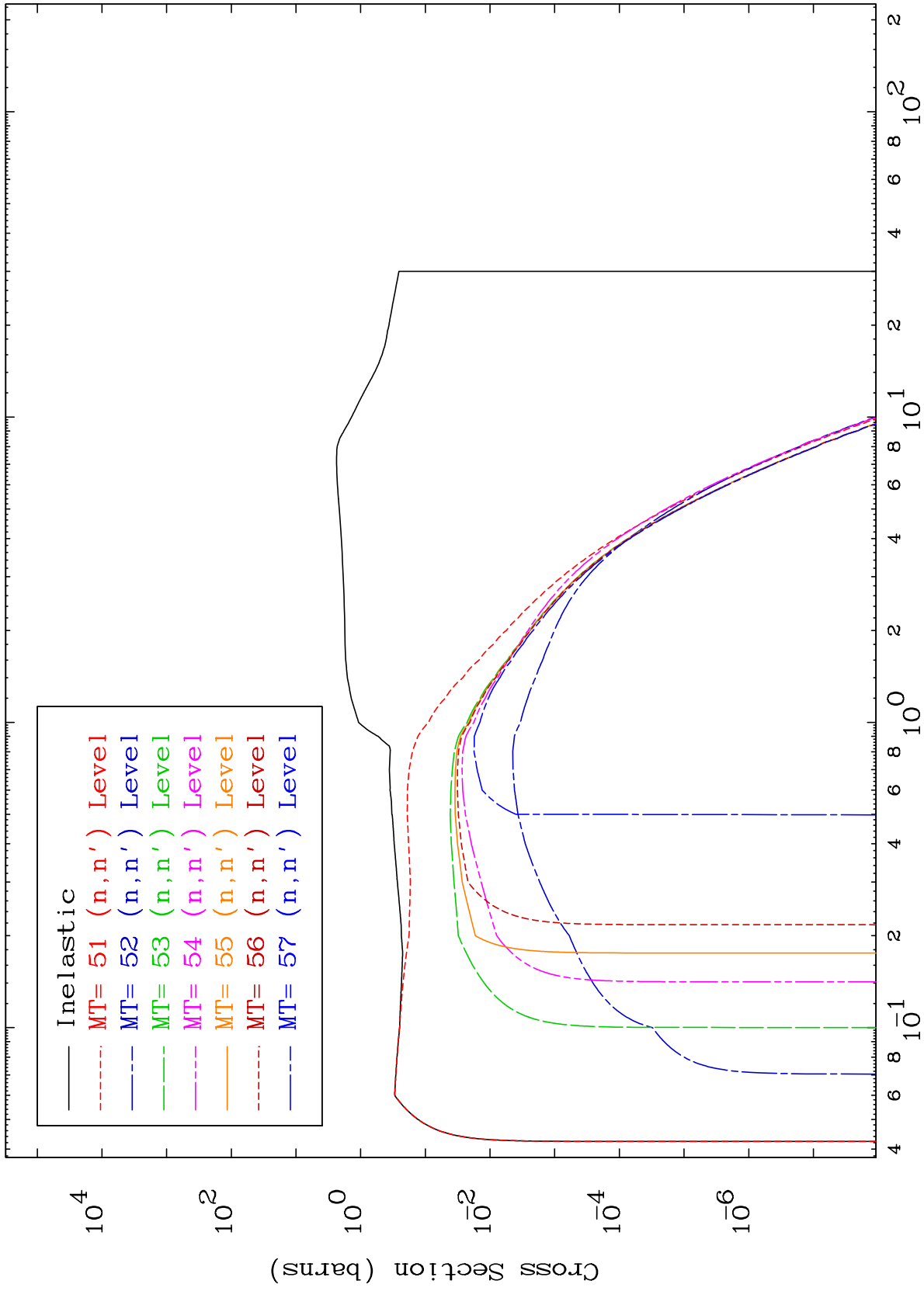
69-Tm-160



MAT 6898

(n,n') Level
293 Kelvin Cross Sections

69-Tm-160



7

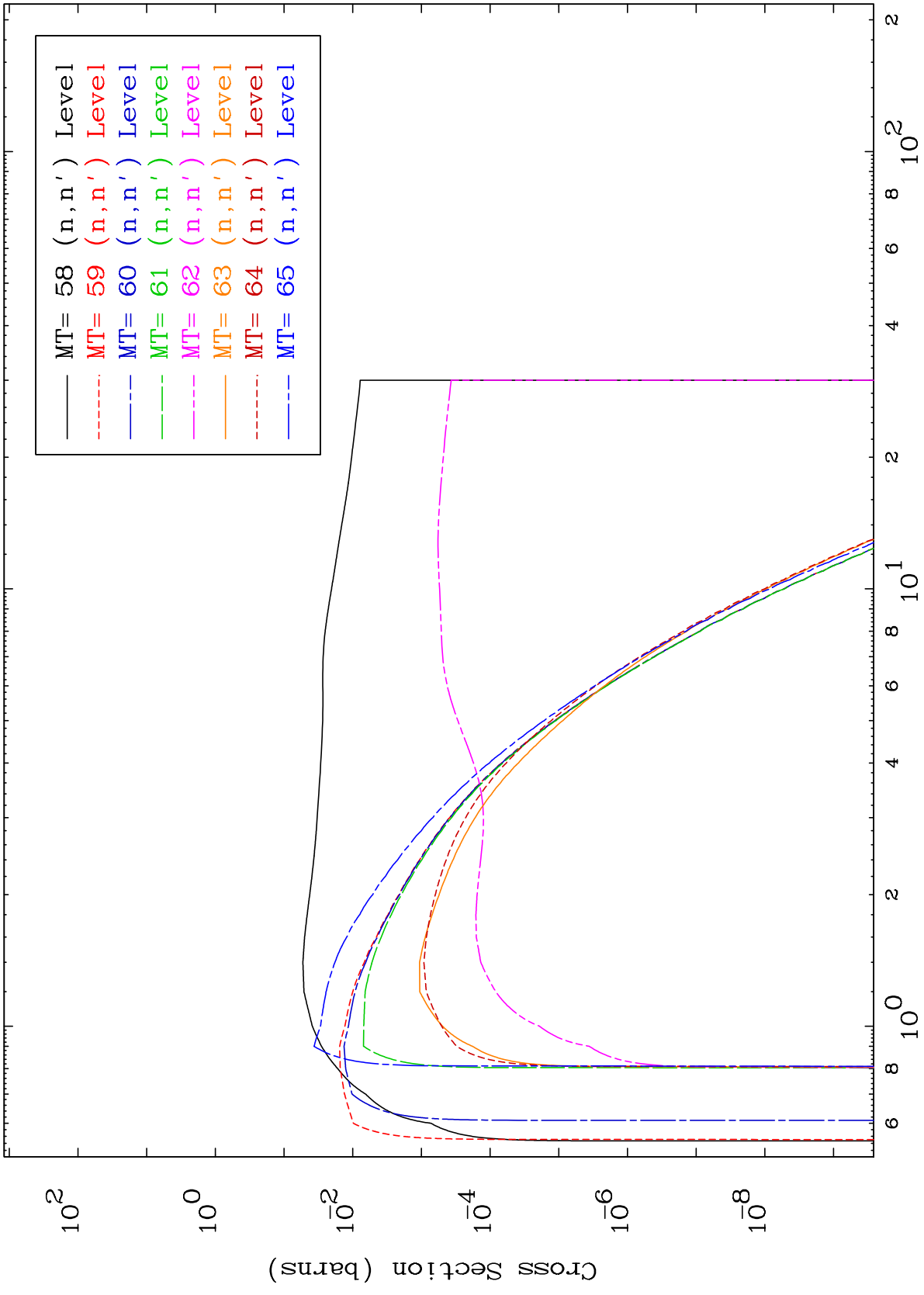
69-Tm-160

MAT 6898

(n,n') Level

69-Tm-160

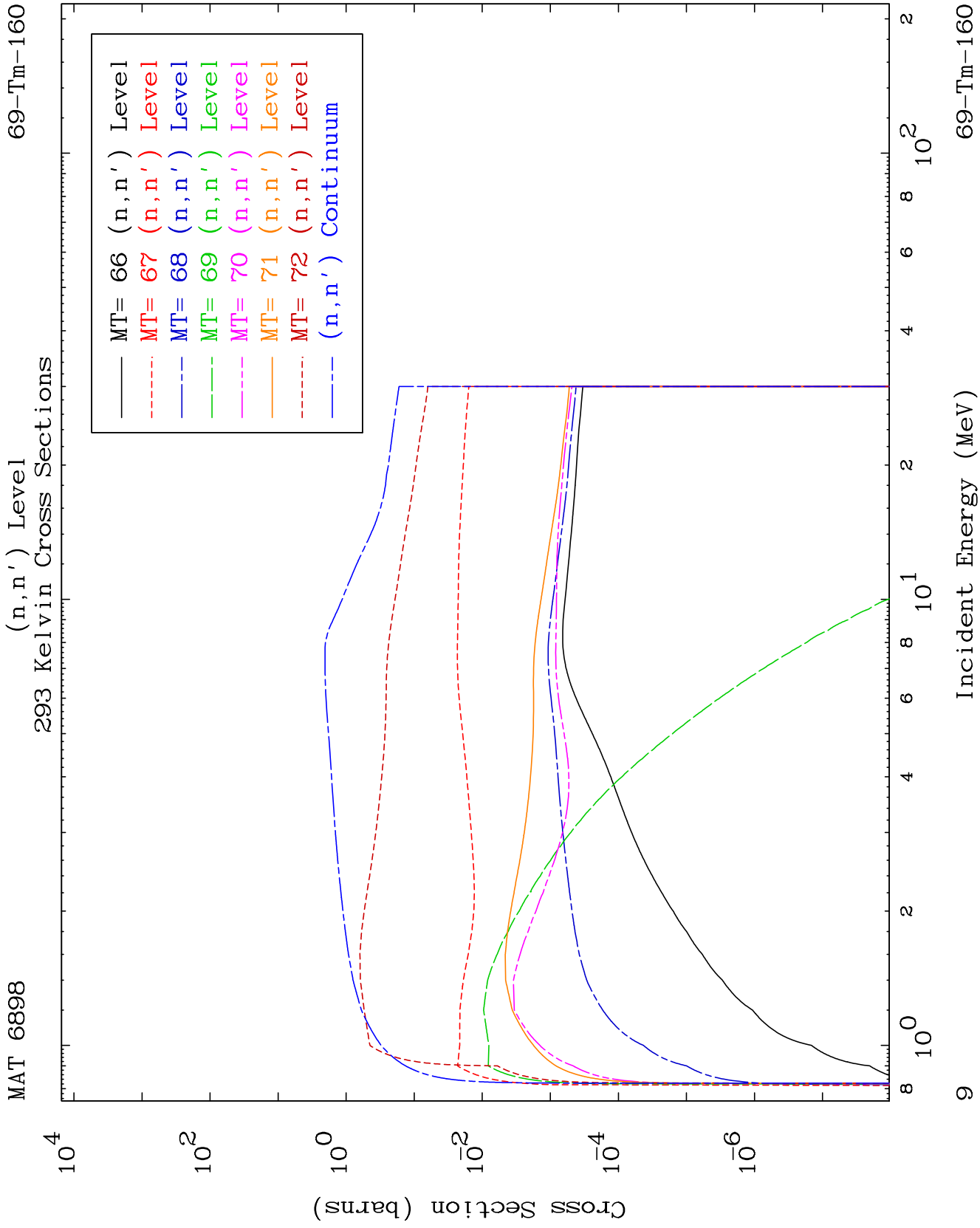
293 Kelvin Cross Sections



8

Incident Energy (MeV)

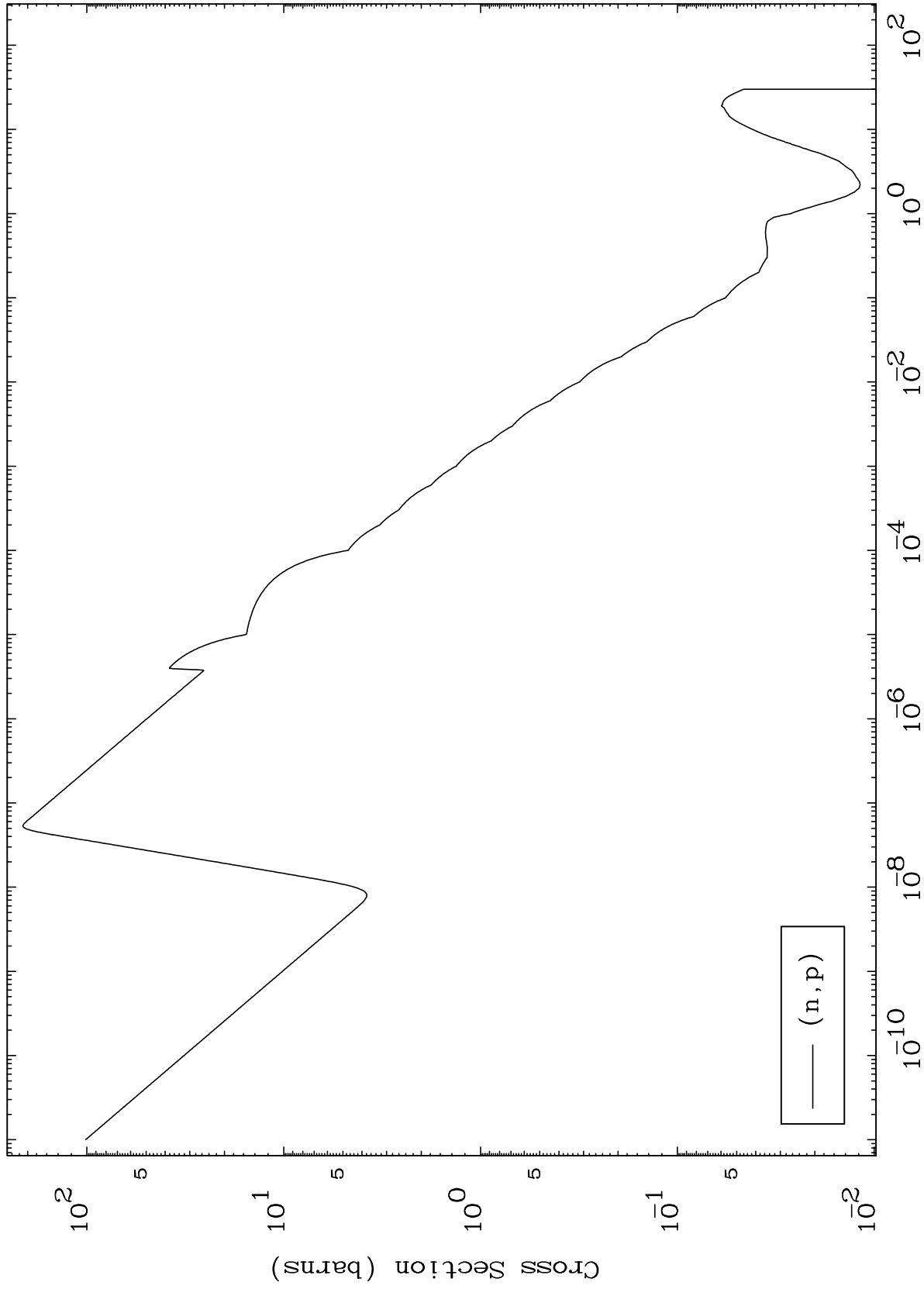
69-Tm-160



MAT 6898

(n,p) Levels
293 Kelvin Cross Sections

69-Tm-160



10

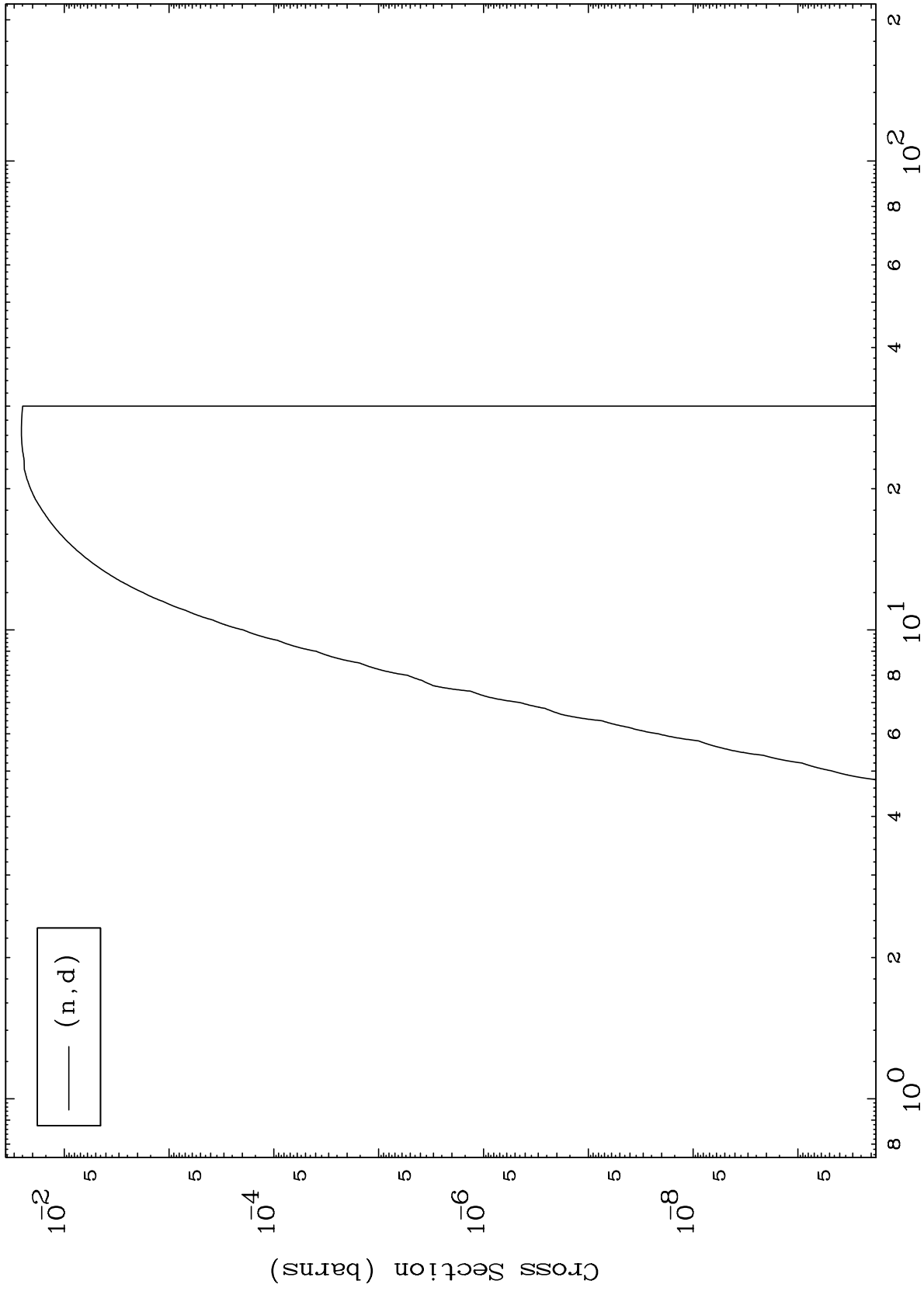
Incident Energy (MeV)

69-Tm-160

MAT 6898

(n,d) Levels
293 Kelvin Cross Sections

69-Tm-160



11

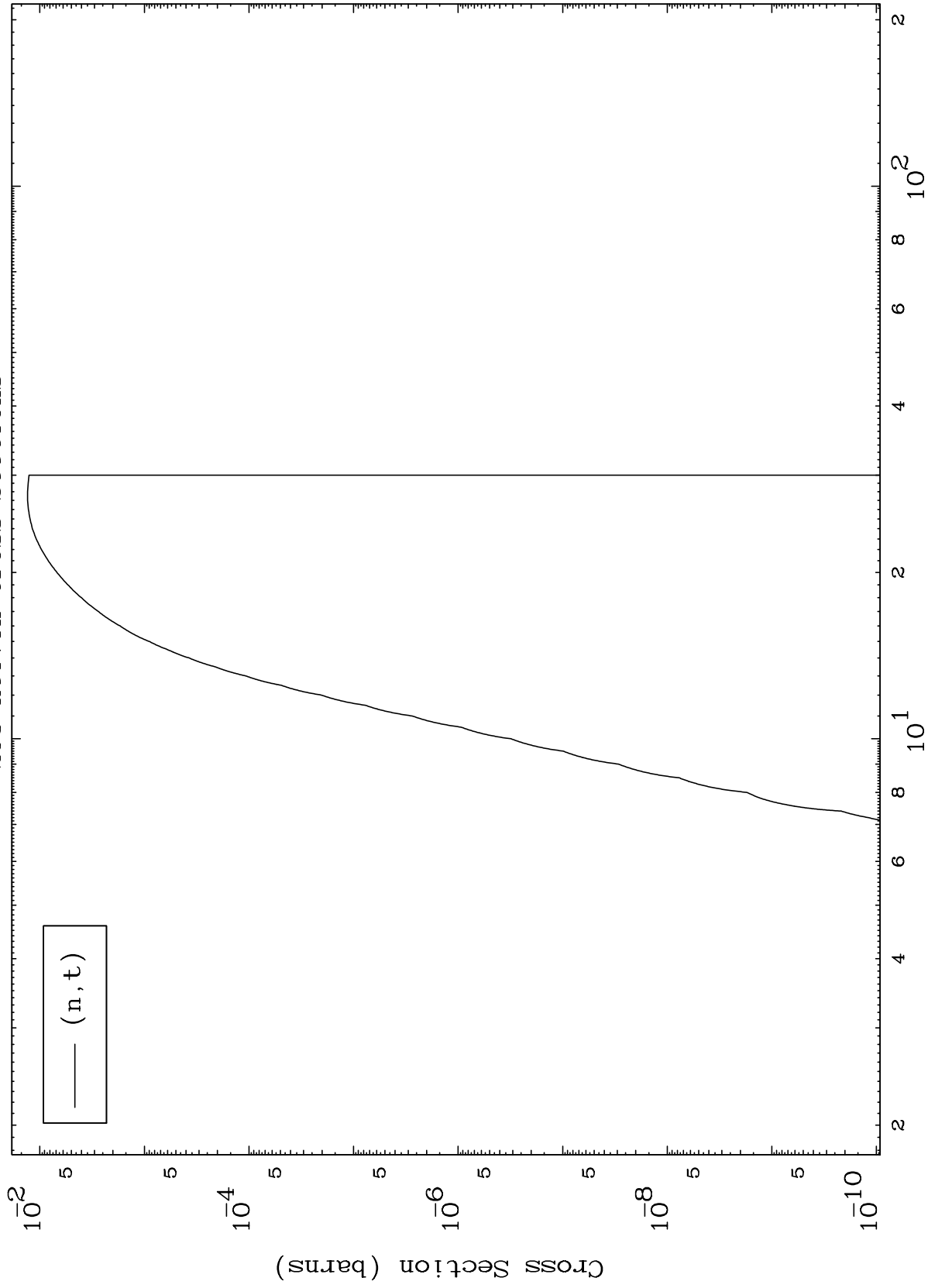
Incident Energy (MeV)

69-Tm-160

MAT 6898

(n,t) Levels
293 Kelvin Cross Sections

69-Tm-160



12

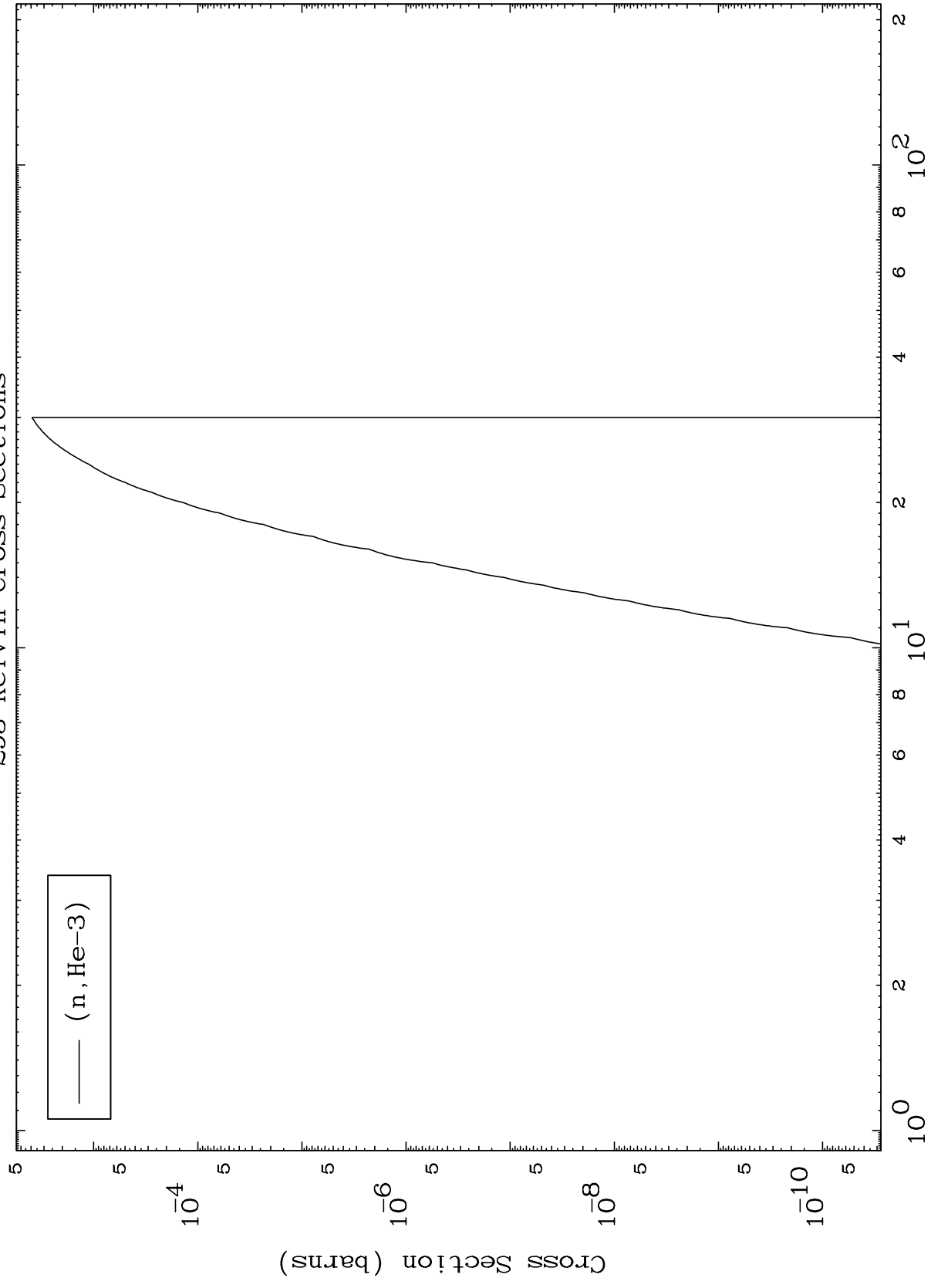
Incident Energy (MeV)

69-Tm-160

MAT 6898

(n,He3) Levels
293 Kelvin Cross Sections

69-Tm-160



13

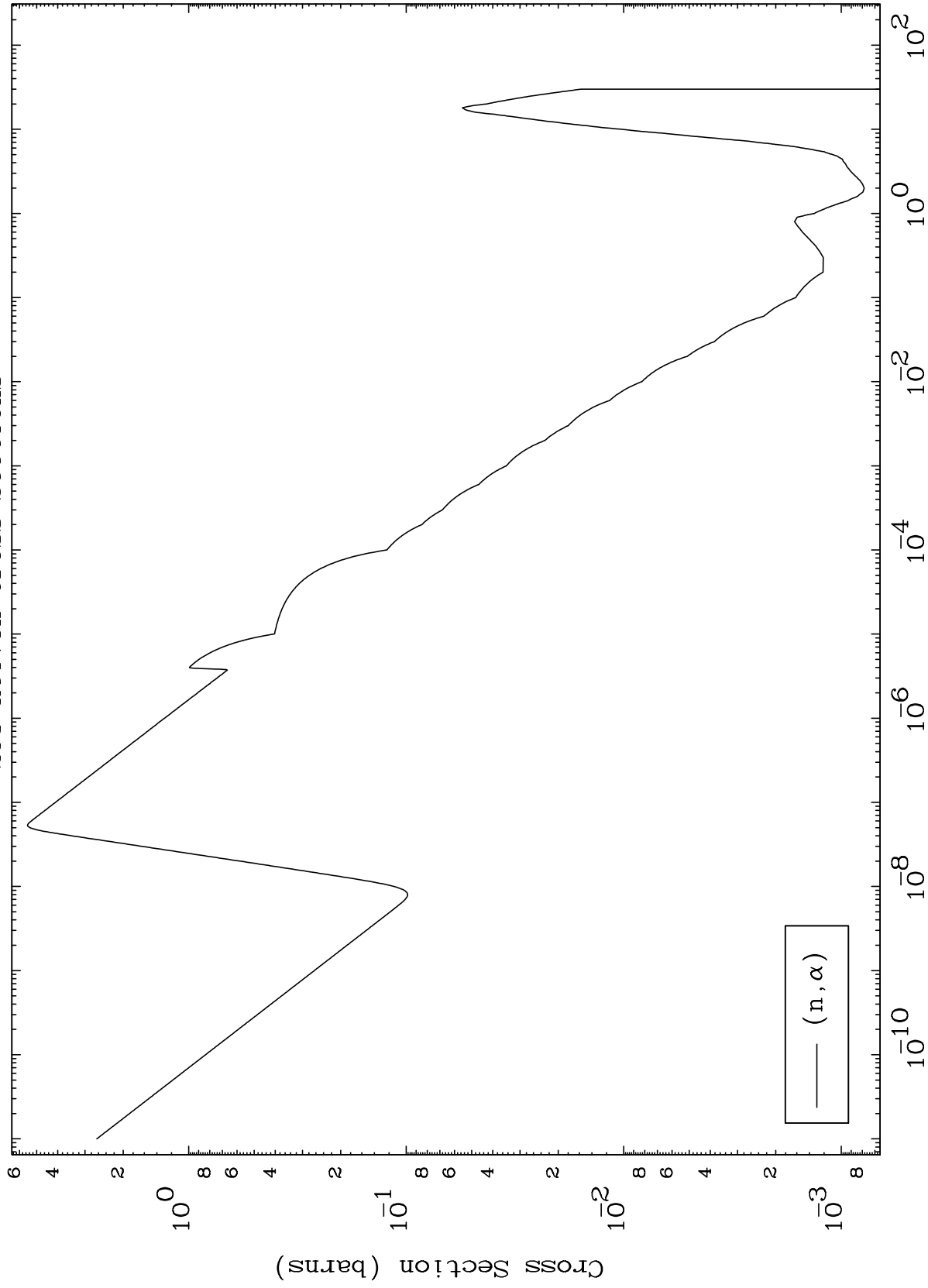
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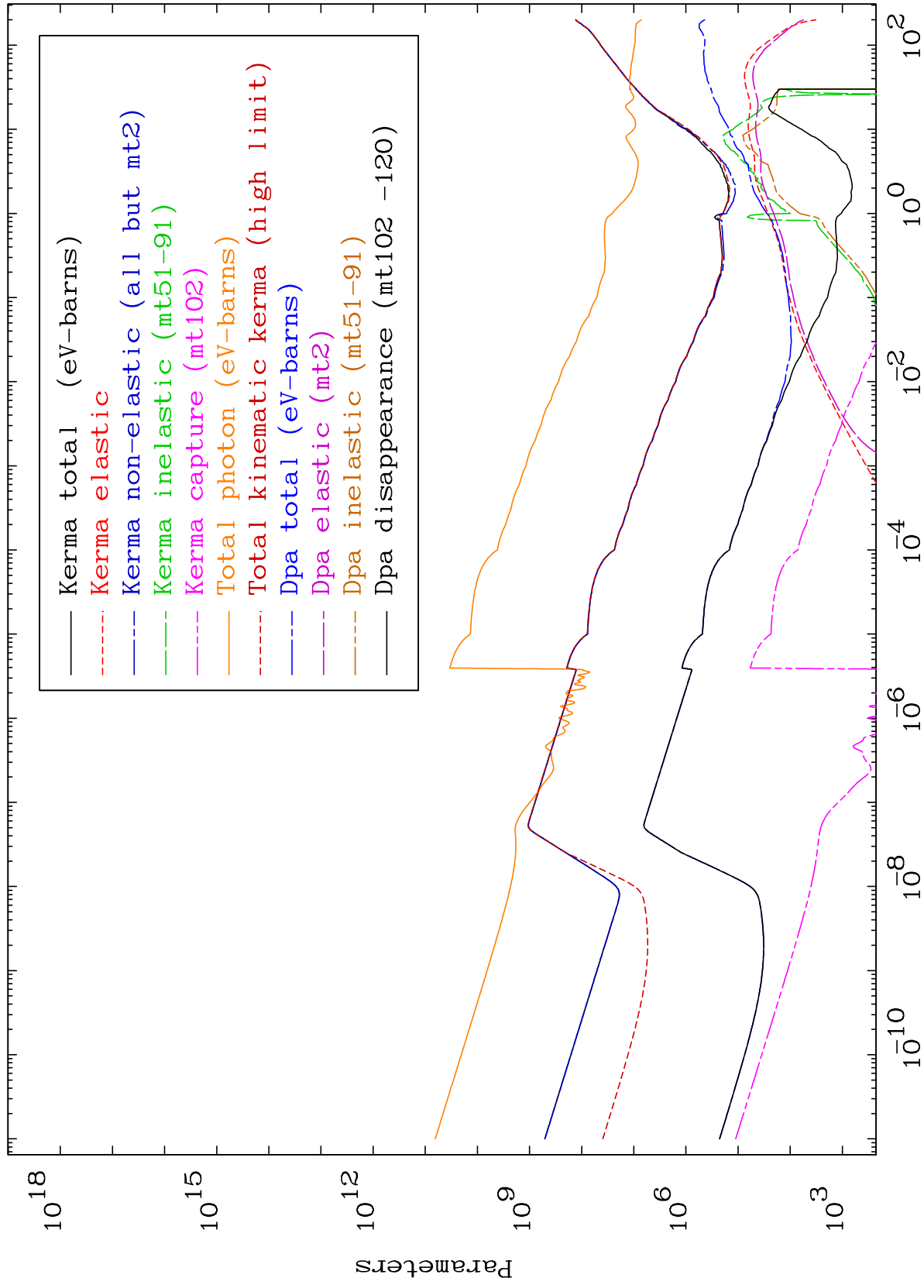
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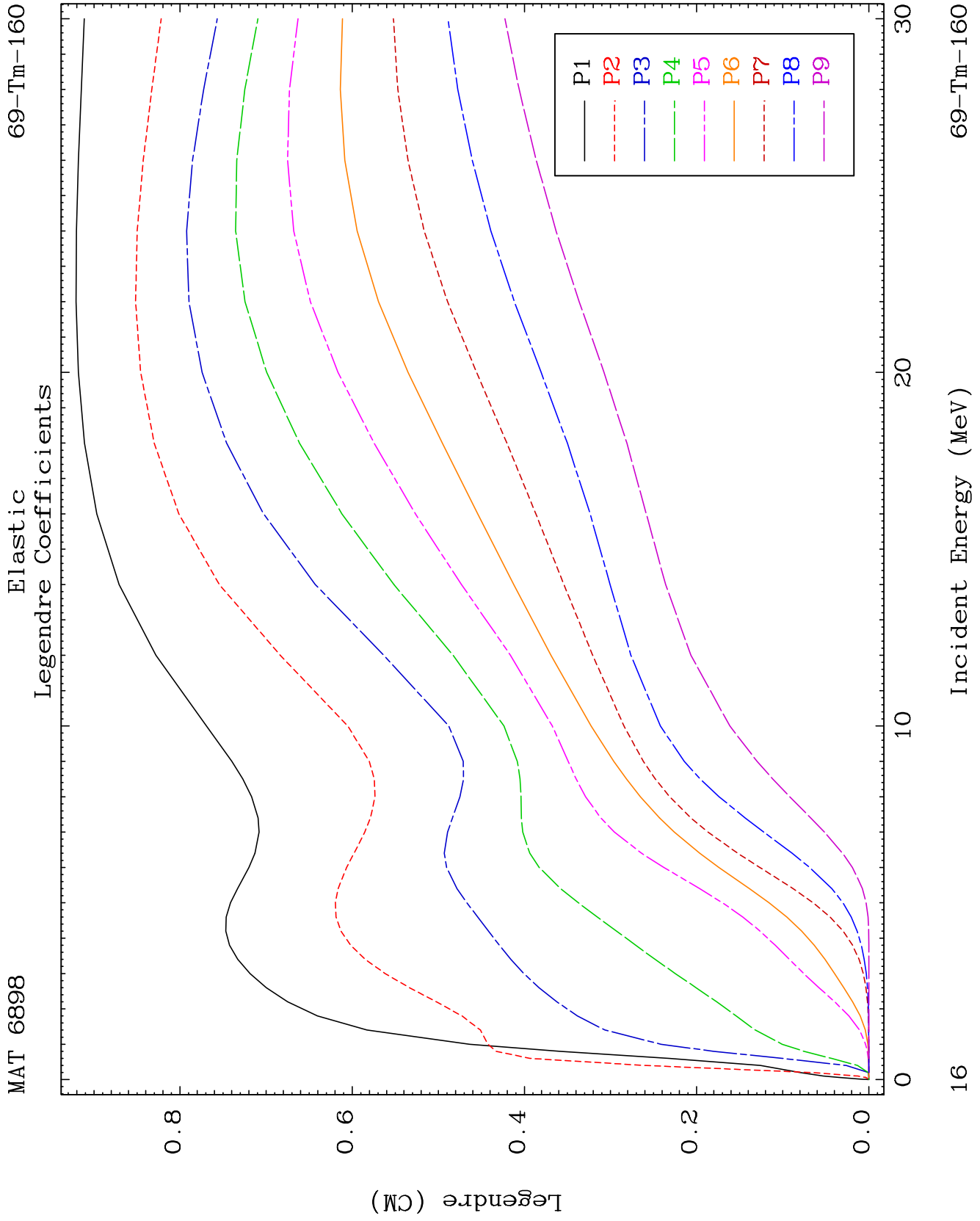
MAT 6898

(n,α) Levels
293 Kelvin Cross Sections

69-Tm-160



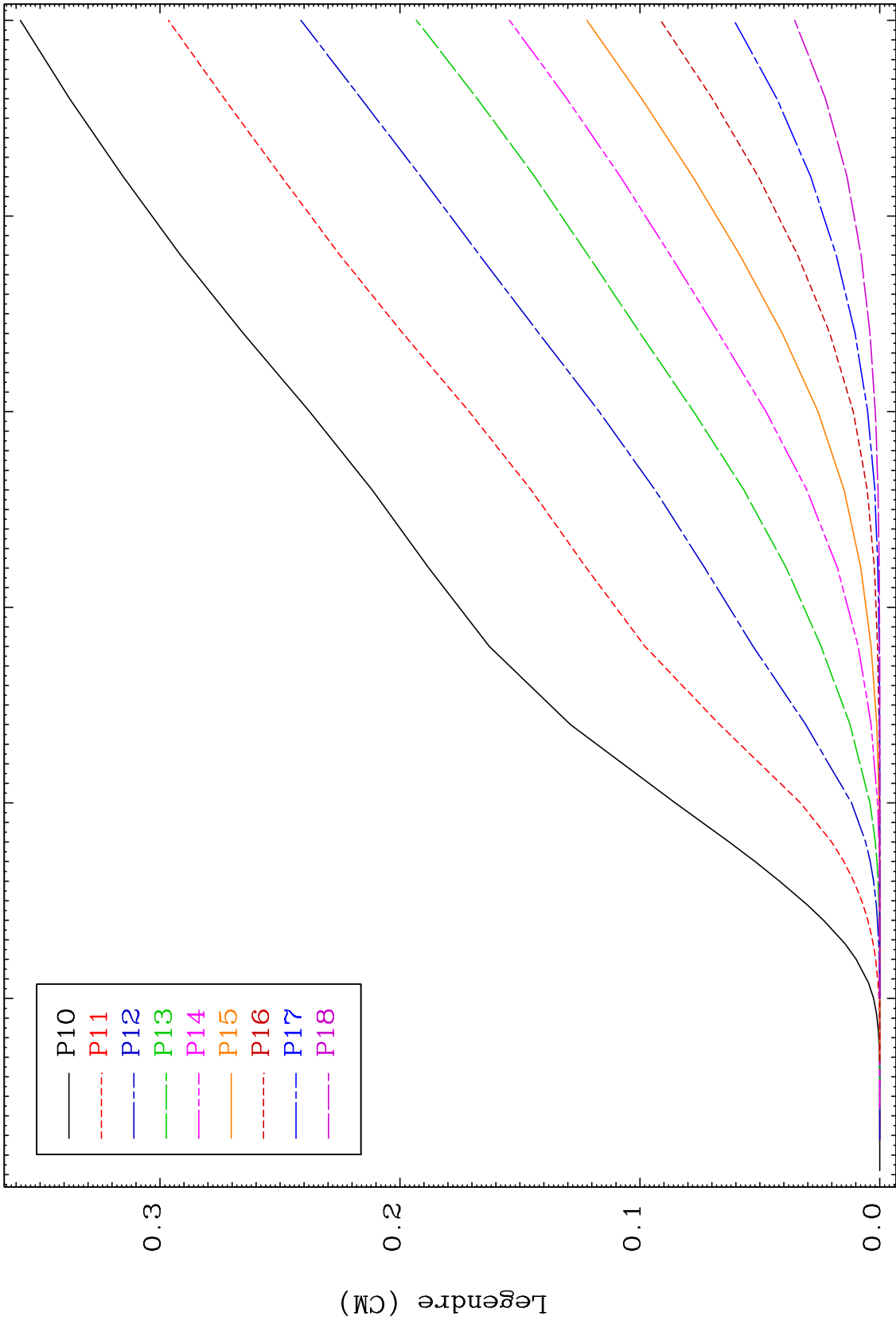




MAT 6898

Elastic Legendre Coefficients

69-Tm-160



17

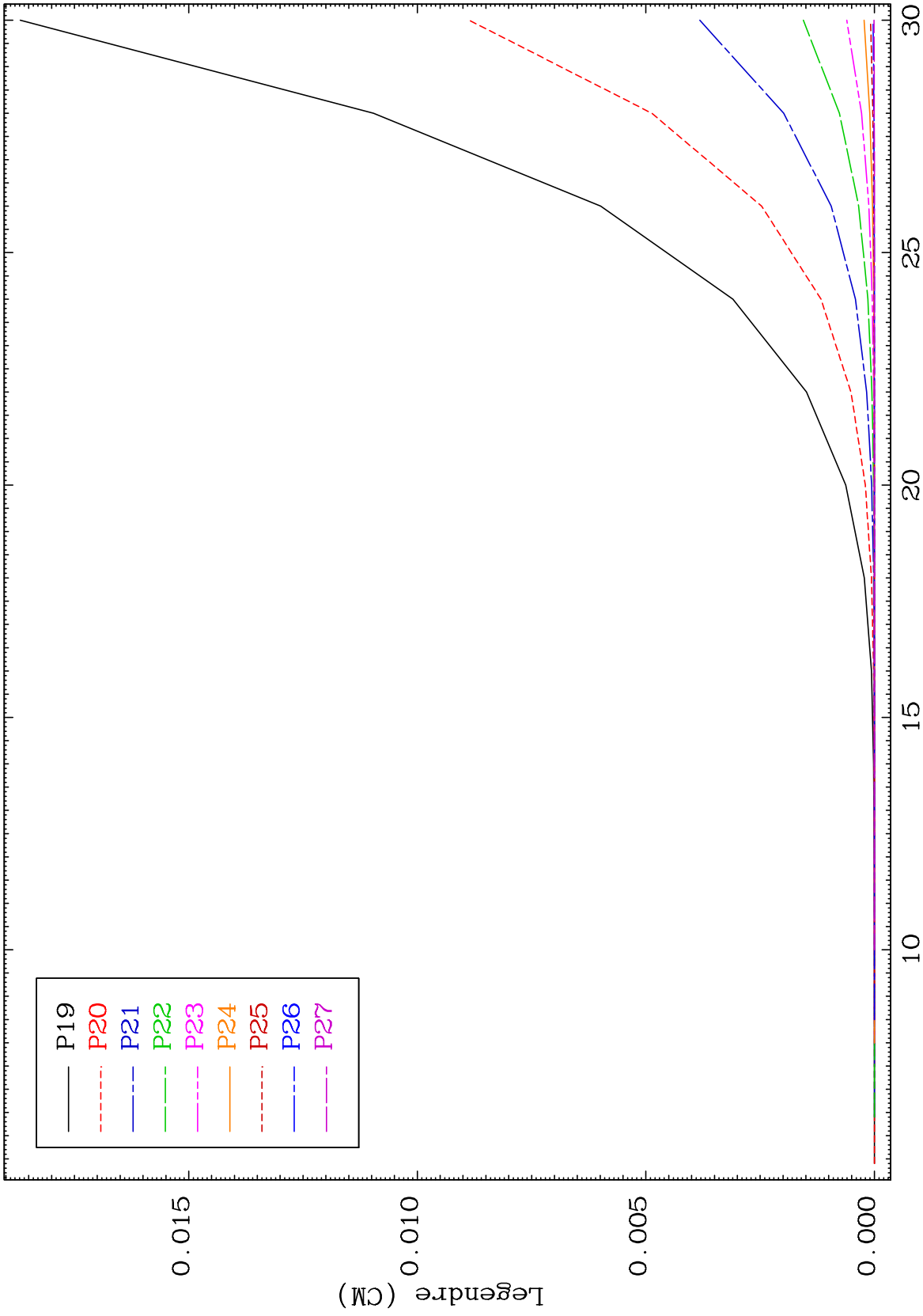
Incident Energy (MeV)

69-Tm-160

MAT 6898

Elastic Legendre Coefficients

69-Tm-160



18

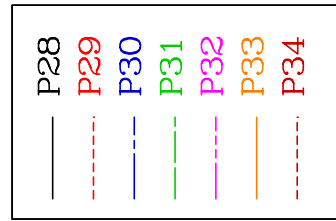
Incident Energy (MeV)

69-Tm-160

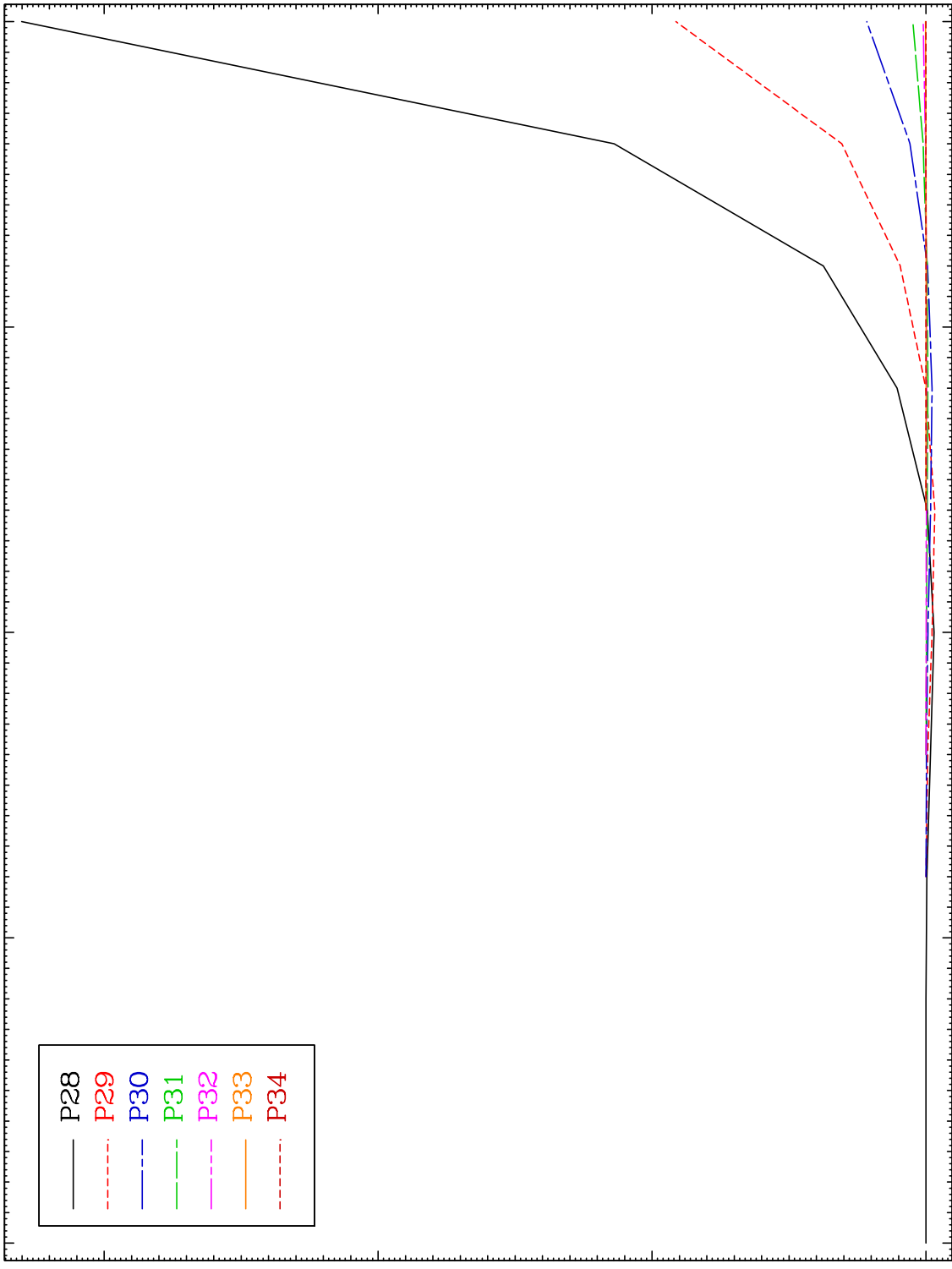
MAT 6898

Elastic Legendre Coefficients

69-Tm-160



$\times 10^{-6}$
Legendre (CM)



10

15

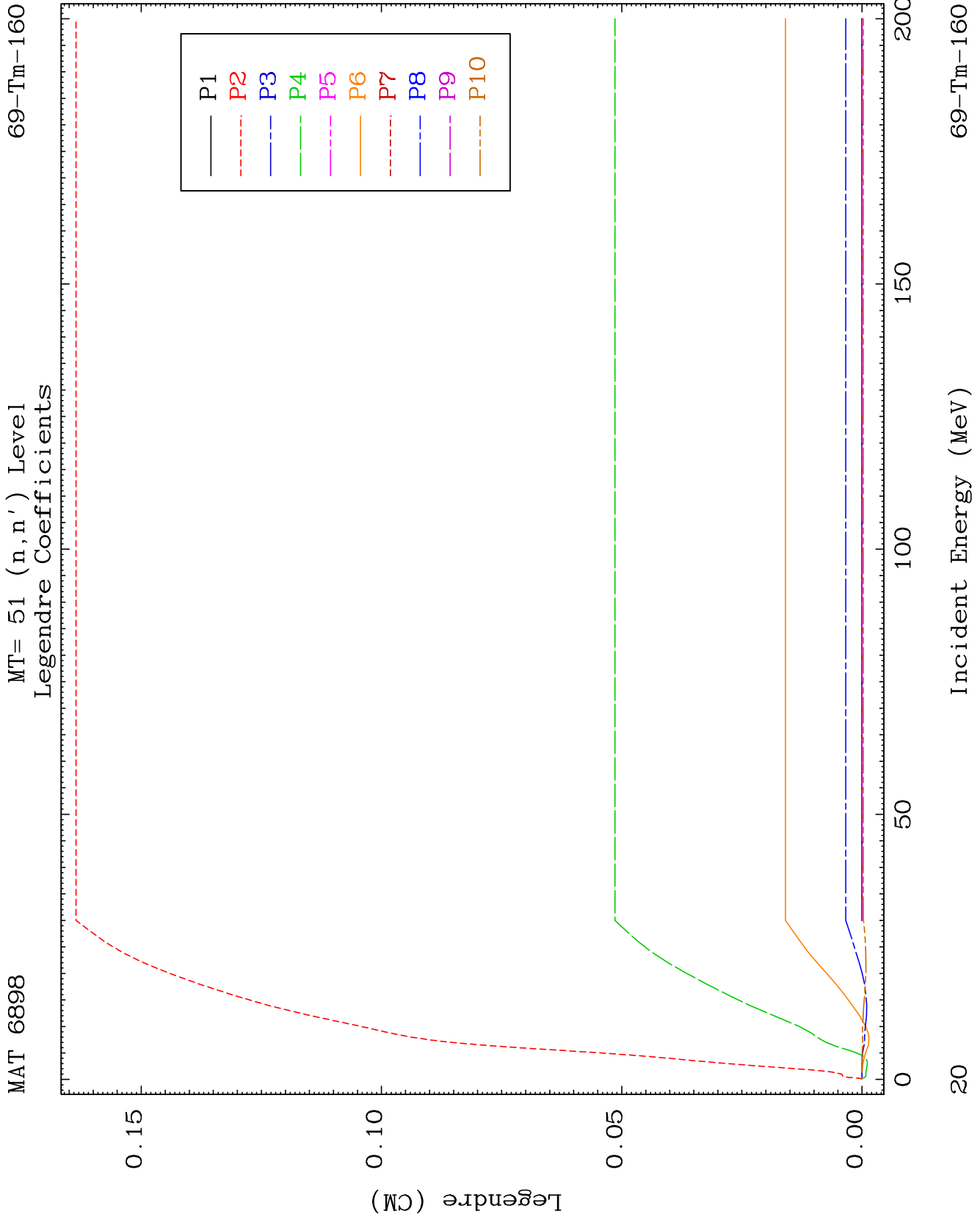
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25

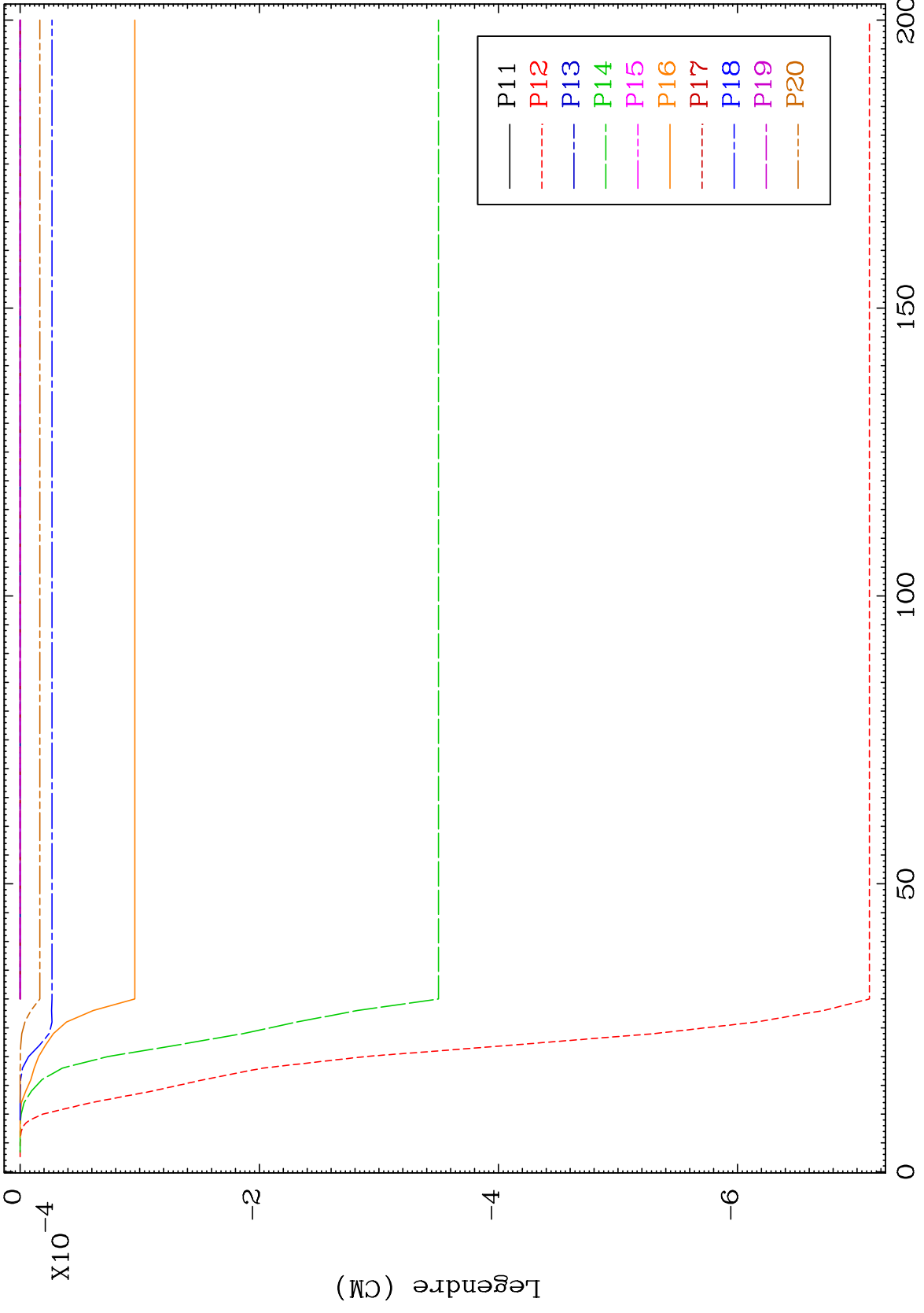
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Incident Energy (MeV)

69-Tm-160

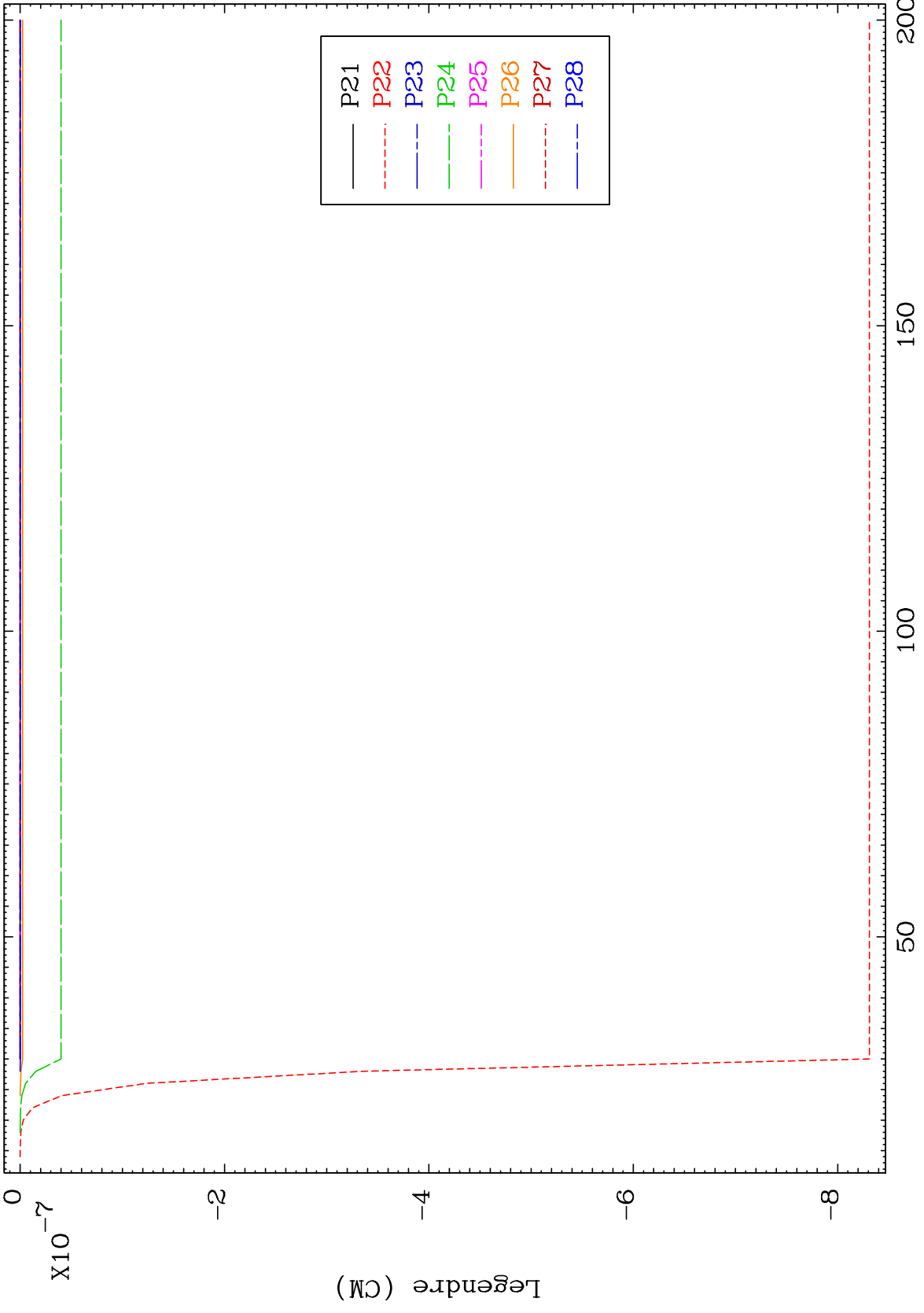


MAT 6898 MT= 51 (n,n') Level Legendre Coefficients 69-Tm-160

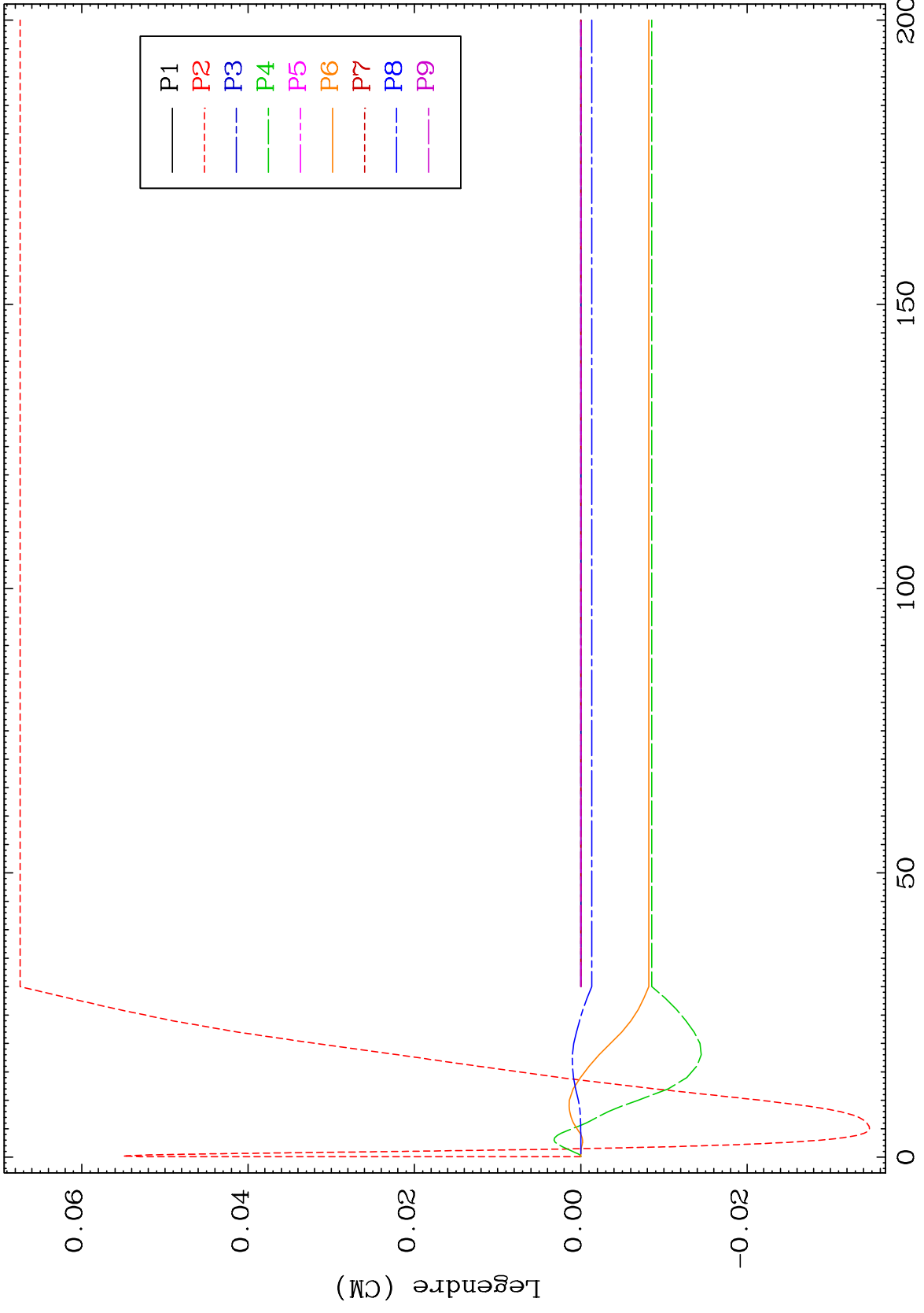


21 Incident Energy (MeV) 69-Tm-160

MAT 6898 MT= 51 (n,n') Level Legendre Coefficients 69-Tm-160



MAT 6898 MT= 52 (n,n') Level Legendre Coefficients 69-Tm-160

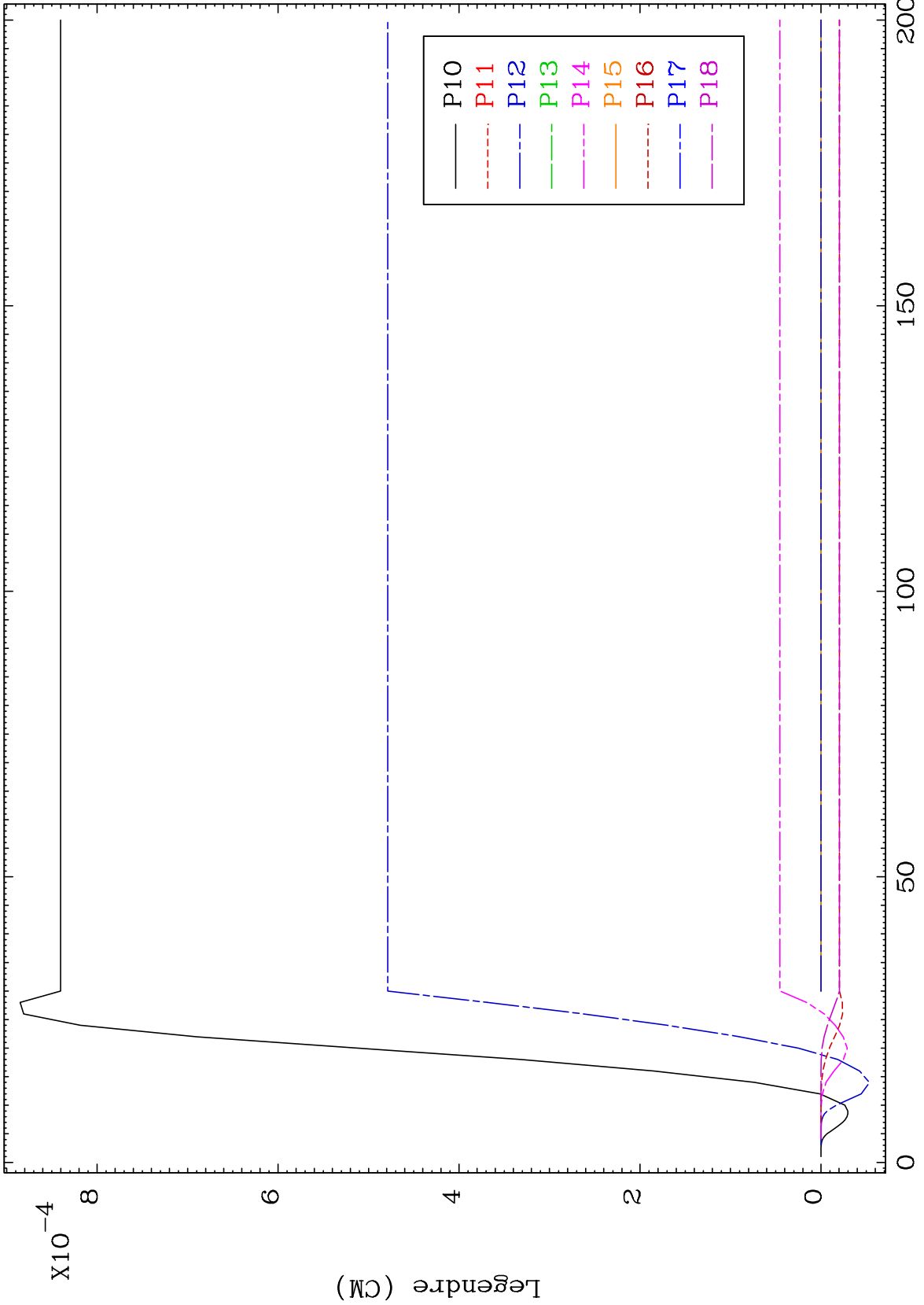


23 69-Tm-160

MAT 6898

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

69-Tm-160

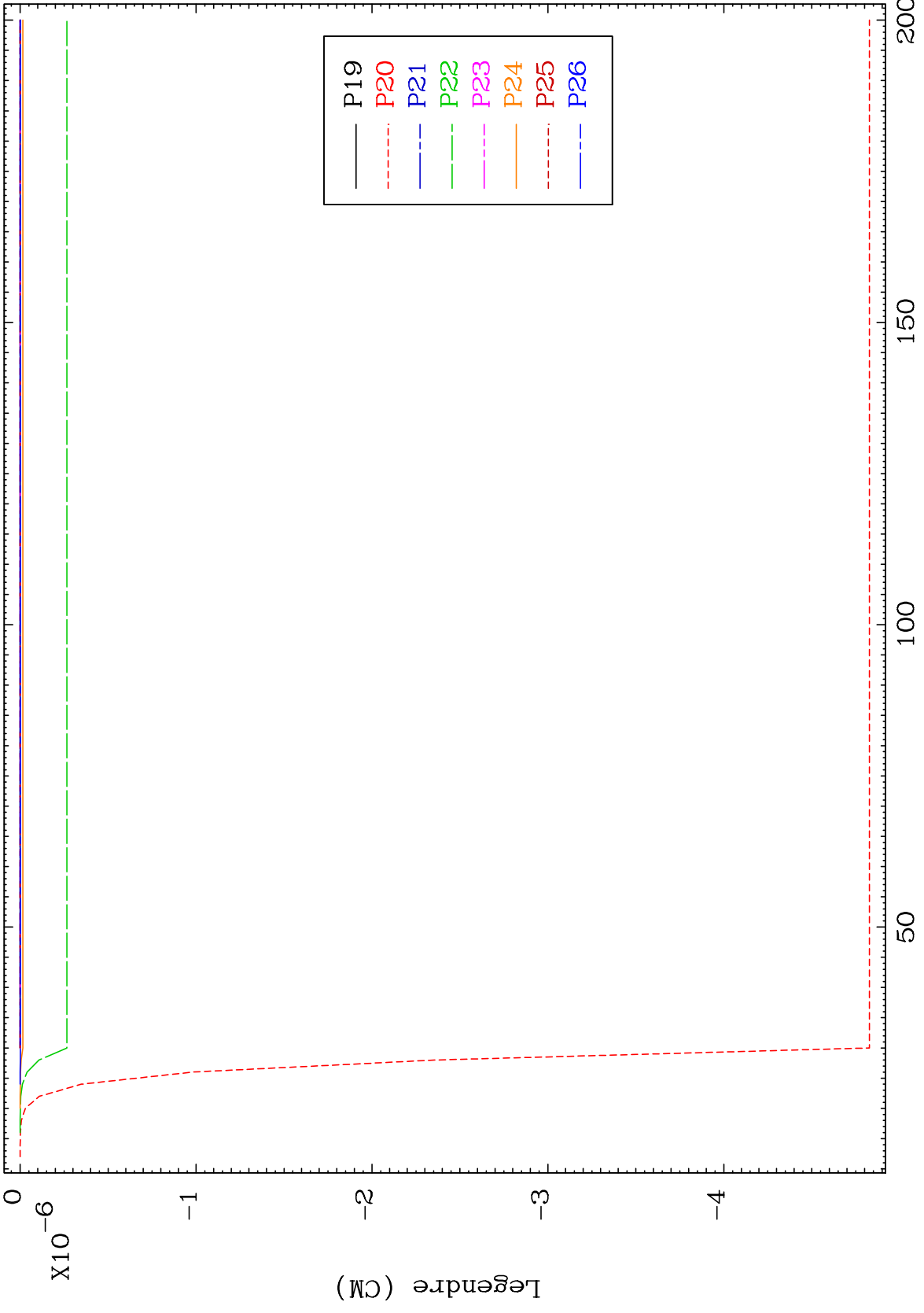


24

Incident Energy (MeV)

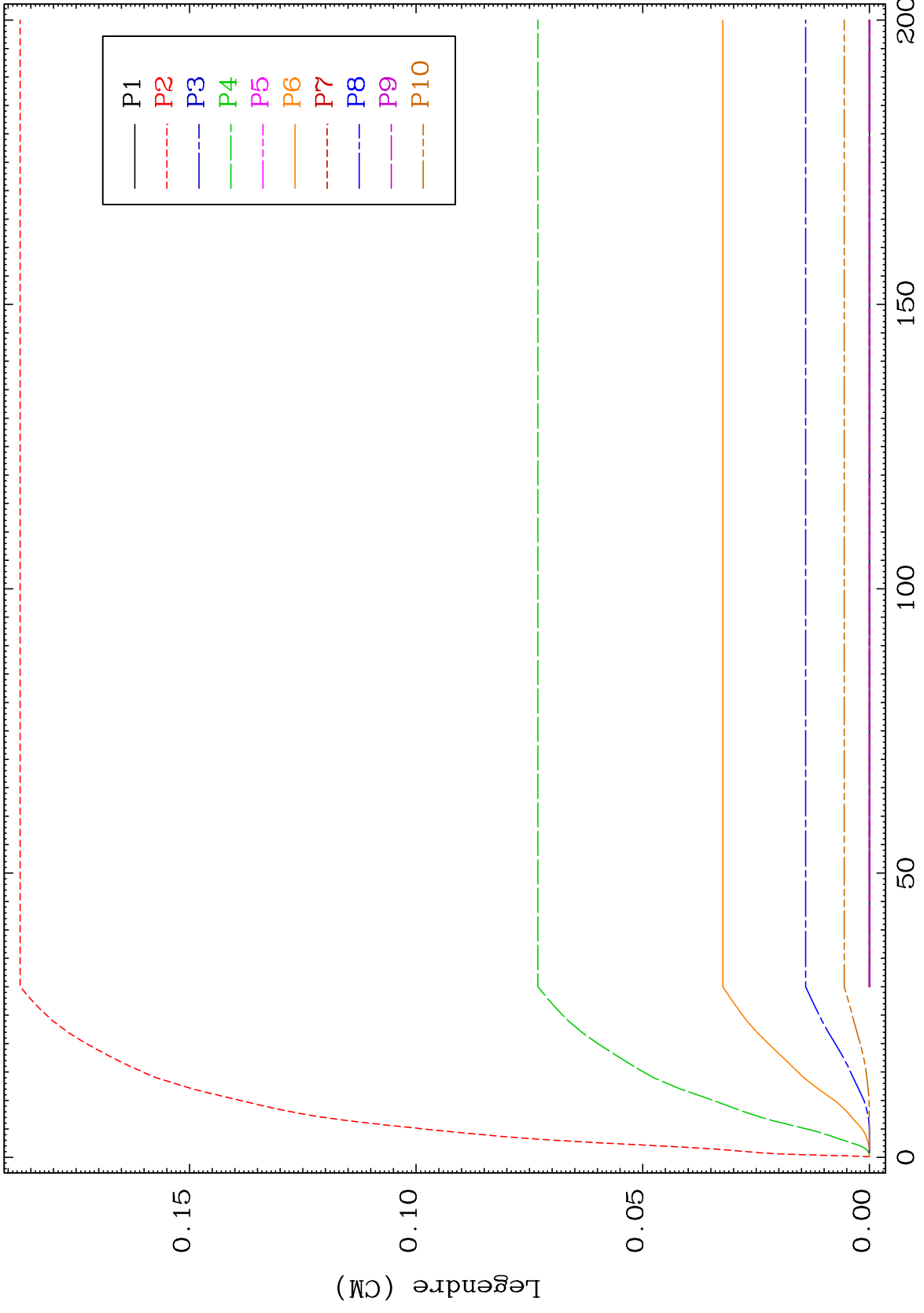
69-Tm-160

MAT 6898 MT= 52 (n,n') Level Legendre Coefficients 69-Tm-160



25 Incident Energy (MeV) 69-Tm-160

MAT 6898 MT= 53 (n,n') Level Legendre Coefficients 69-Tm-160

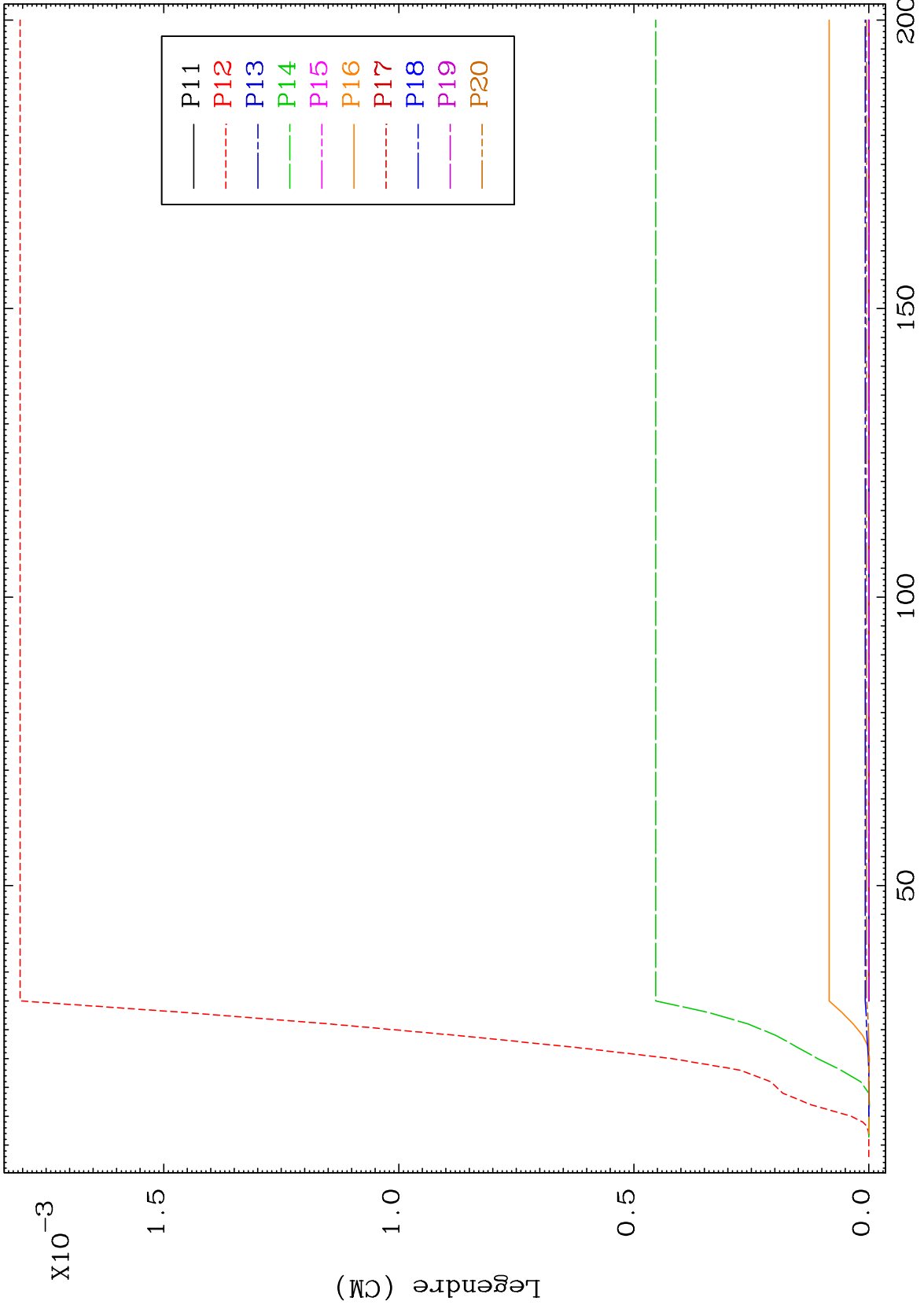


26 Incident Energy (MeV) 69-Tm-160

MAT 6898

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

69-Tm-160

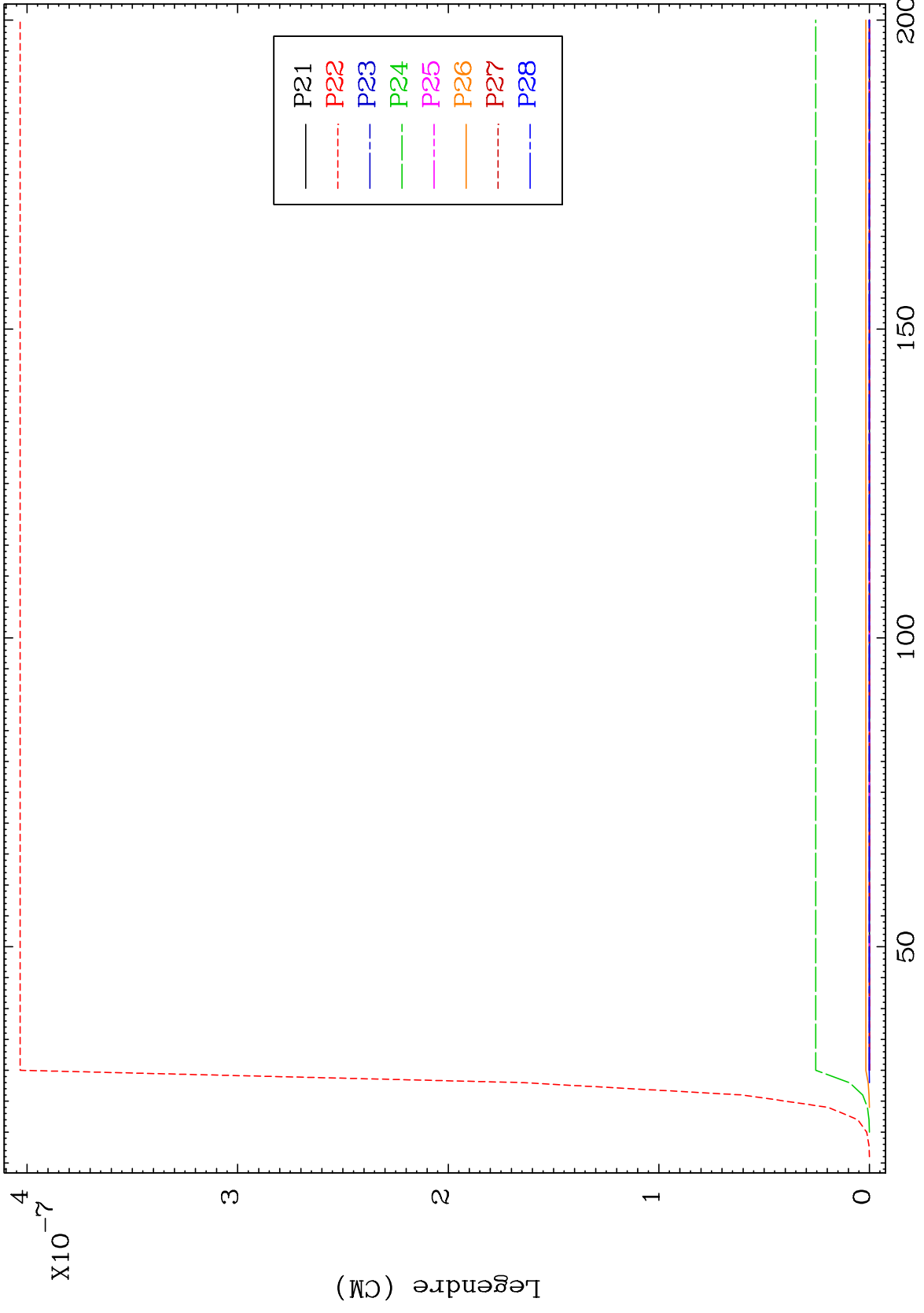


27

Incident Energy (MeV)

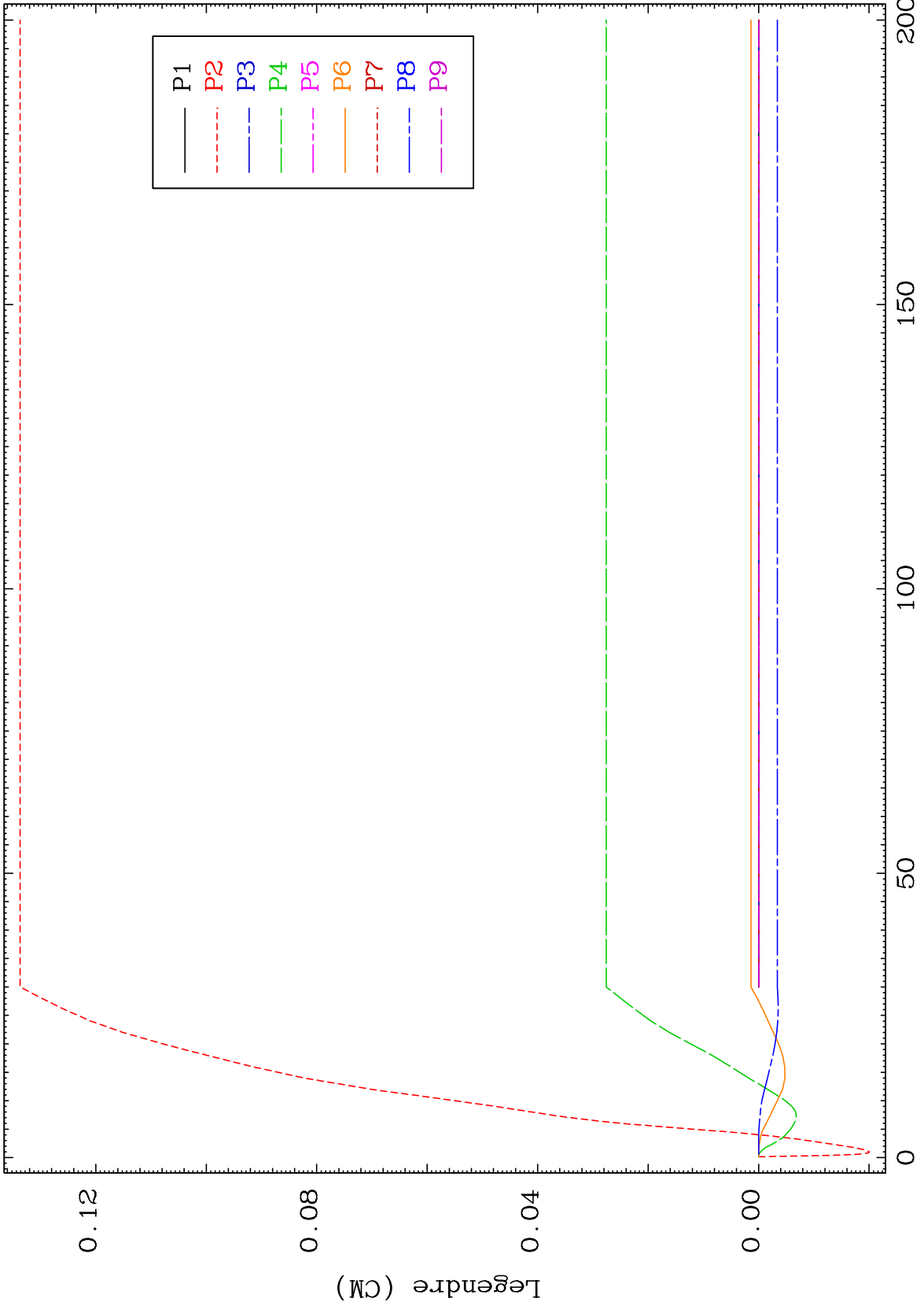
69-Tm-160

MAT 6898 MT= 53 (n,n') Level Legendre Coefficients 69-Tm-160



28 50 100 150 200 69-Tm-160

MAT 6898 MT= 54 (n,n') Level Legendre Coefficients 69-Tm-160

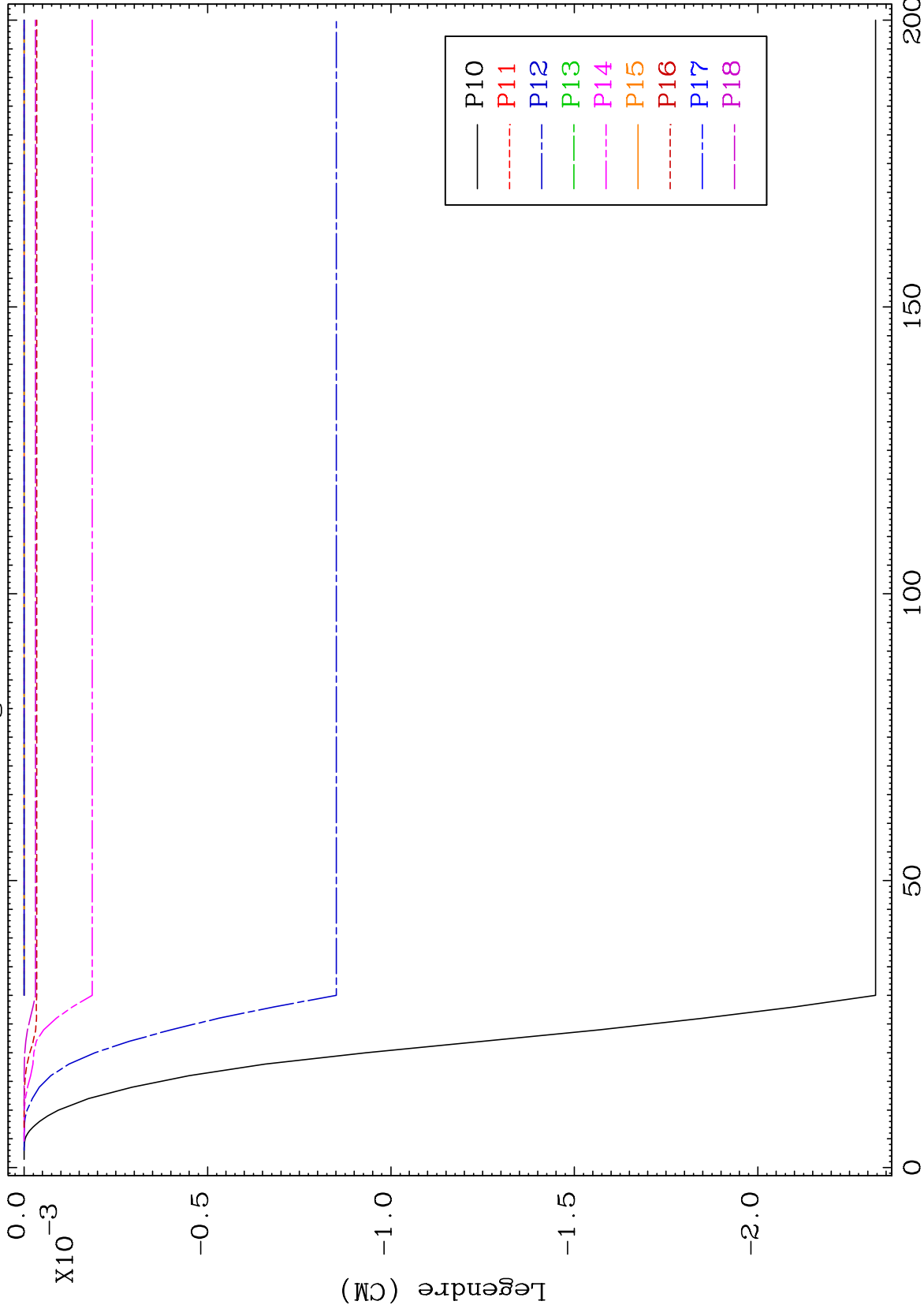


29 69-Tm-160

MAT 6898

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

69-Tm-160



69-Tm-160

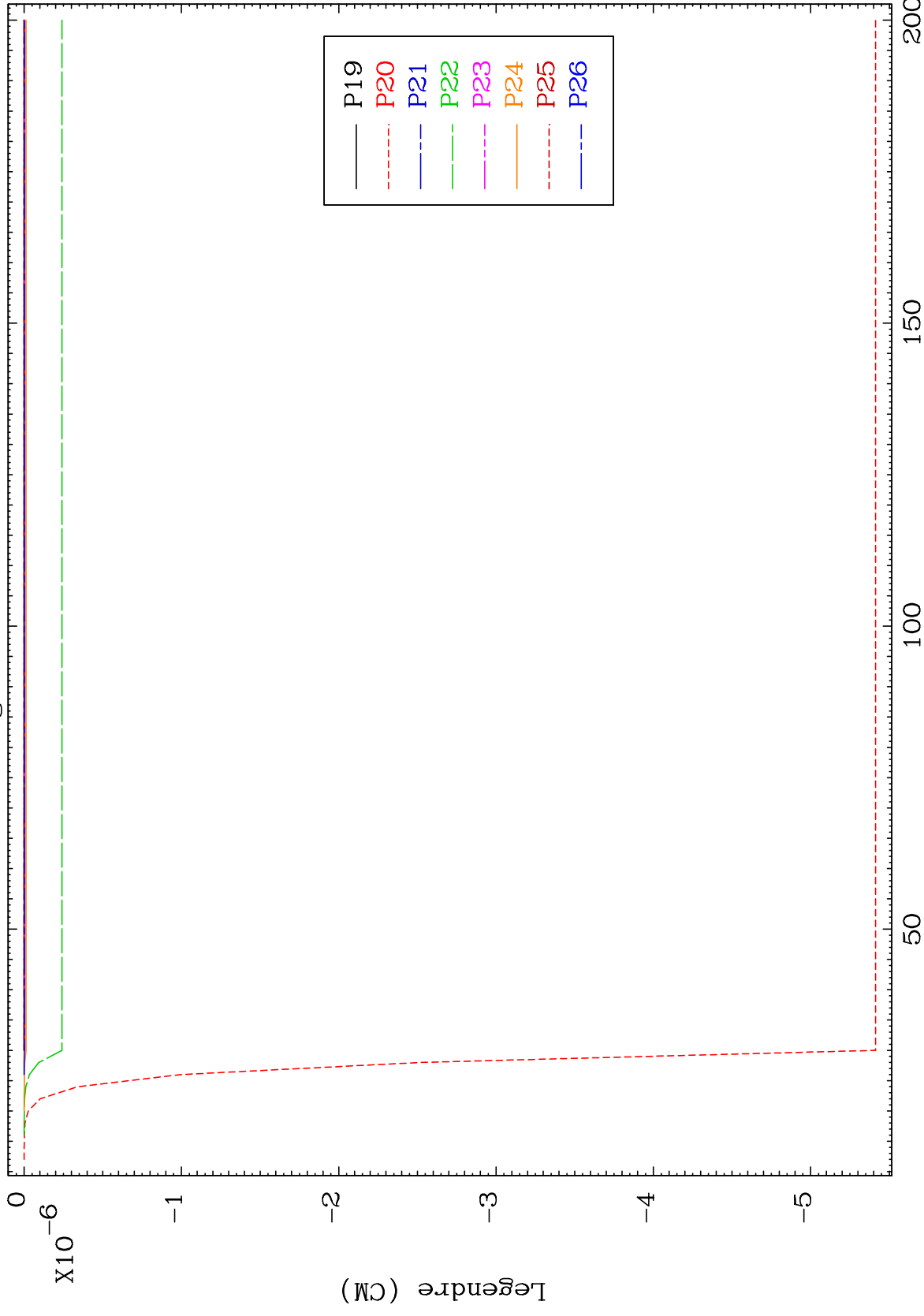
Incident Energy (MeV)

30

MAT 6898

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

69-Tm-160

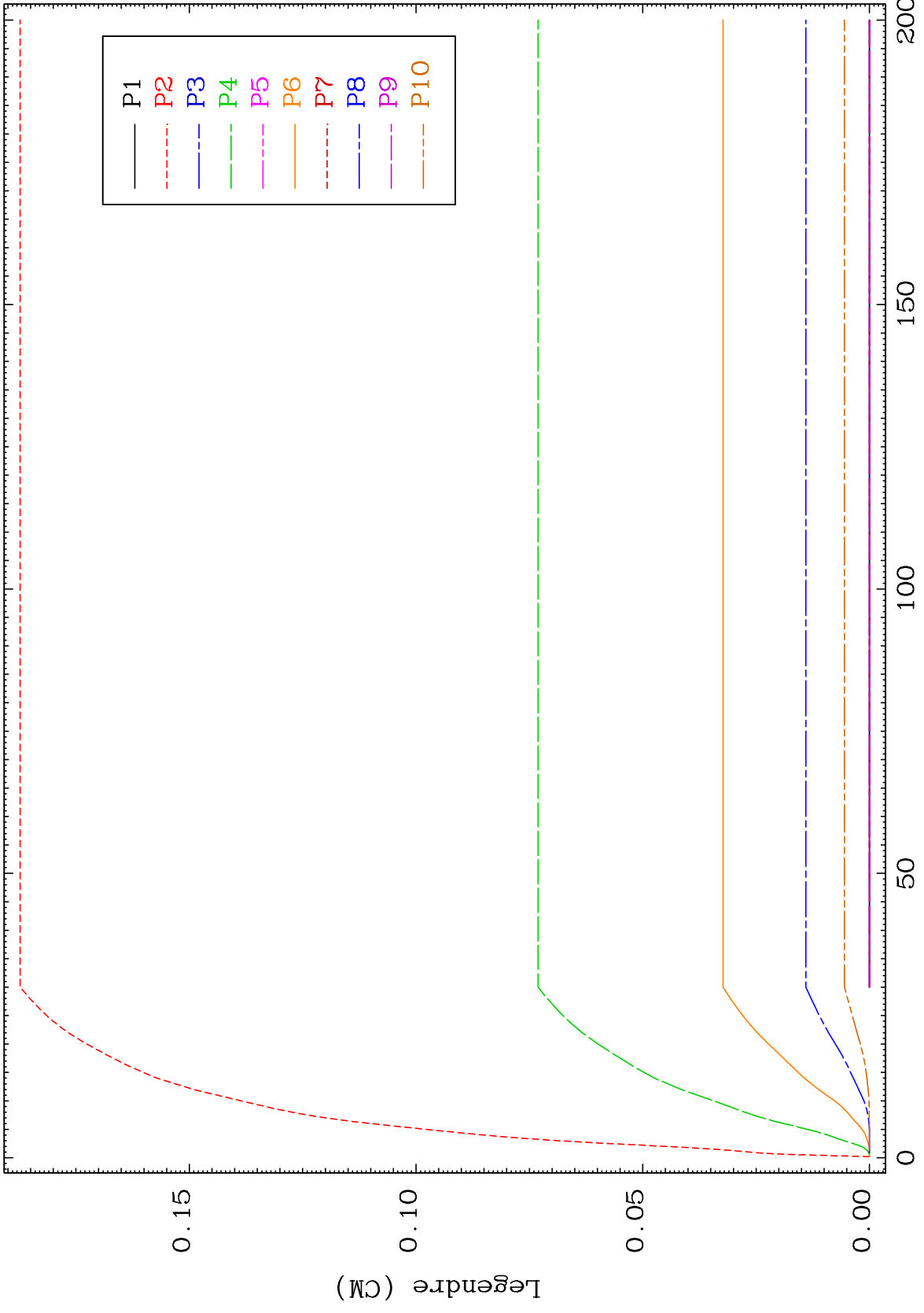


69-Tm-160

Incident Energy (MeV)

31

MAT 6898 MT= 55 (n,n') Level Legendre Coefficients 69-Tm-160

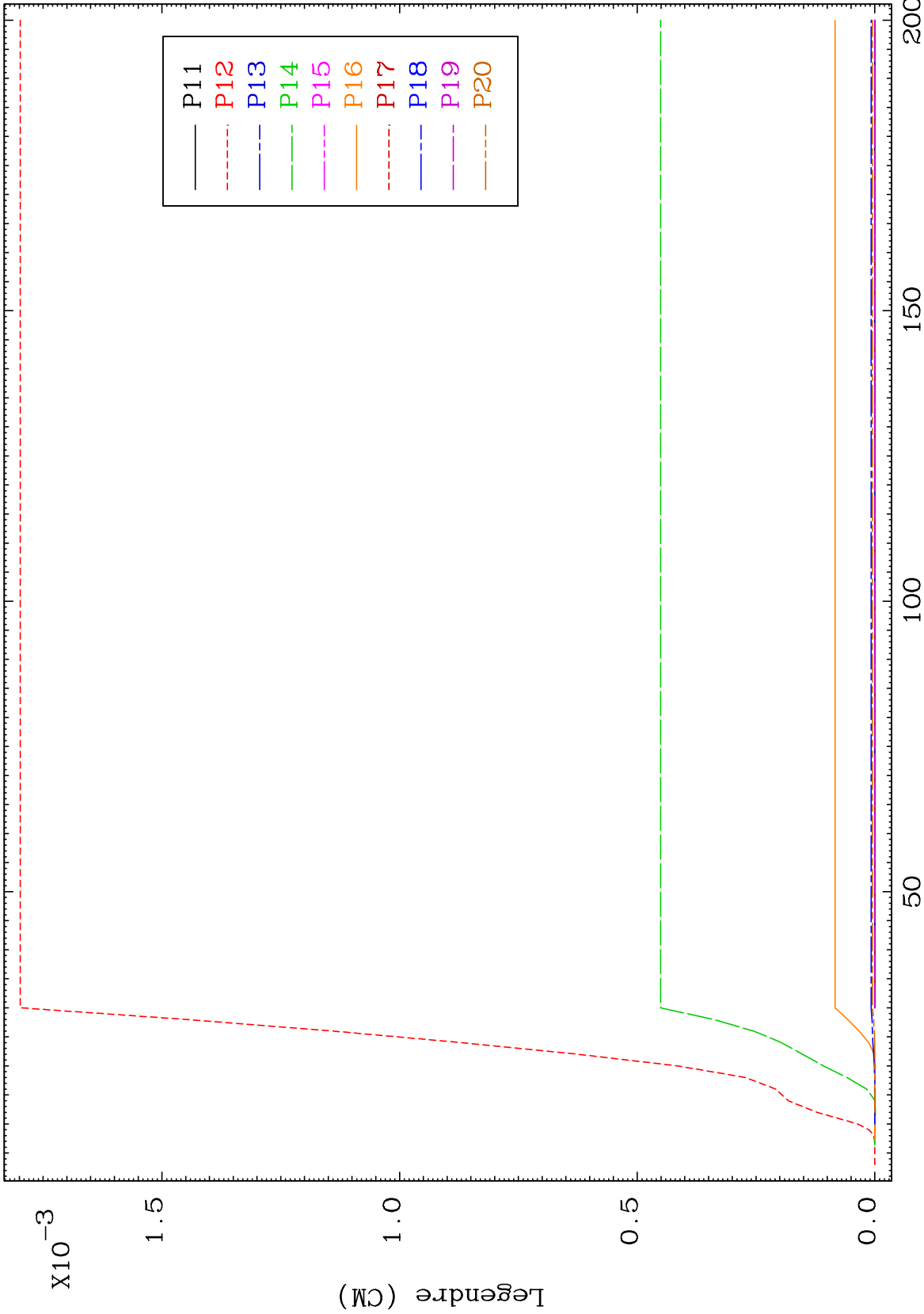


32 Incident Energy (MeV) 69-Tm-160

MAT 6898

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

69-Tm-160

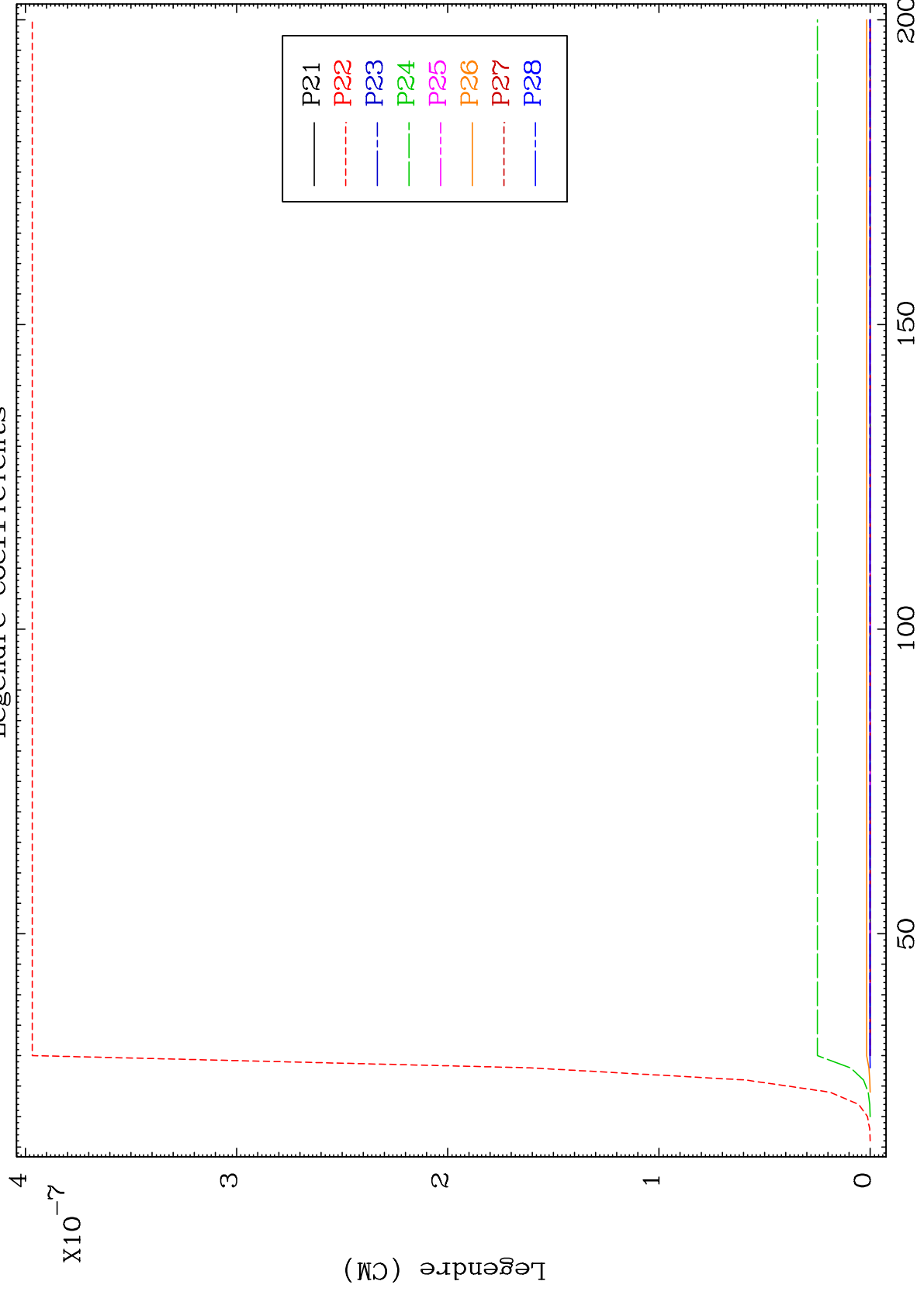


33

Incident Energy (MeV)

69-Tm-160

MAT 6898 MT= 55 (n,n') Level Legendre Coefficients 69-Tm-160

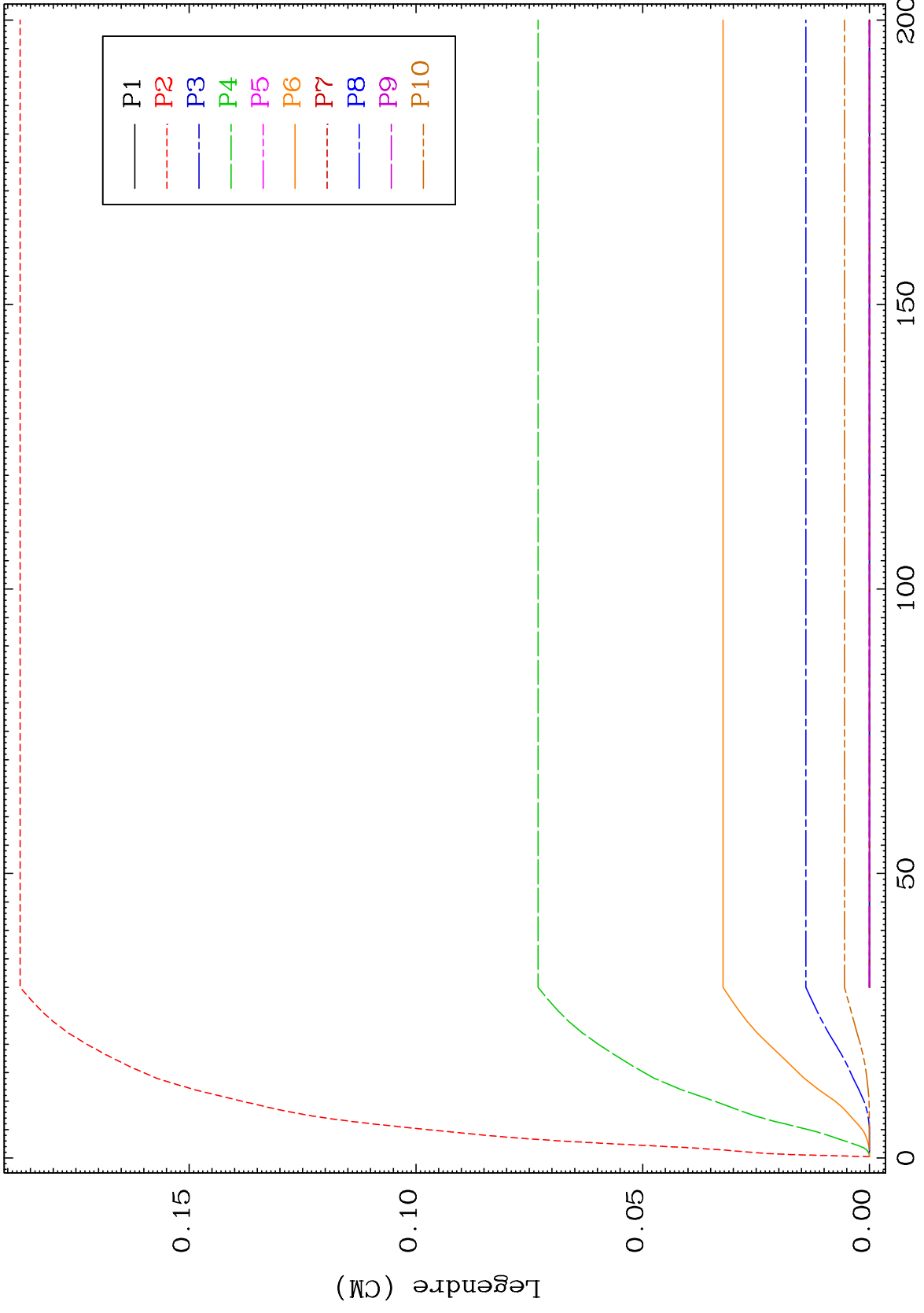


34

Incident Energy (MeV)

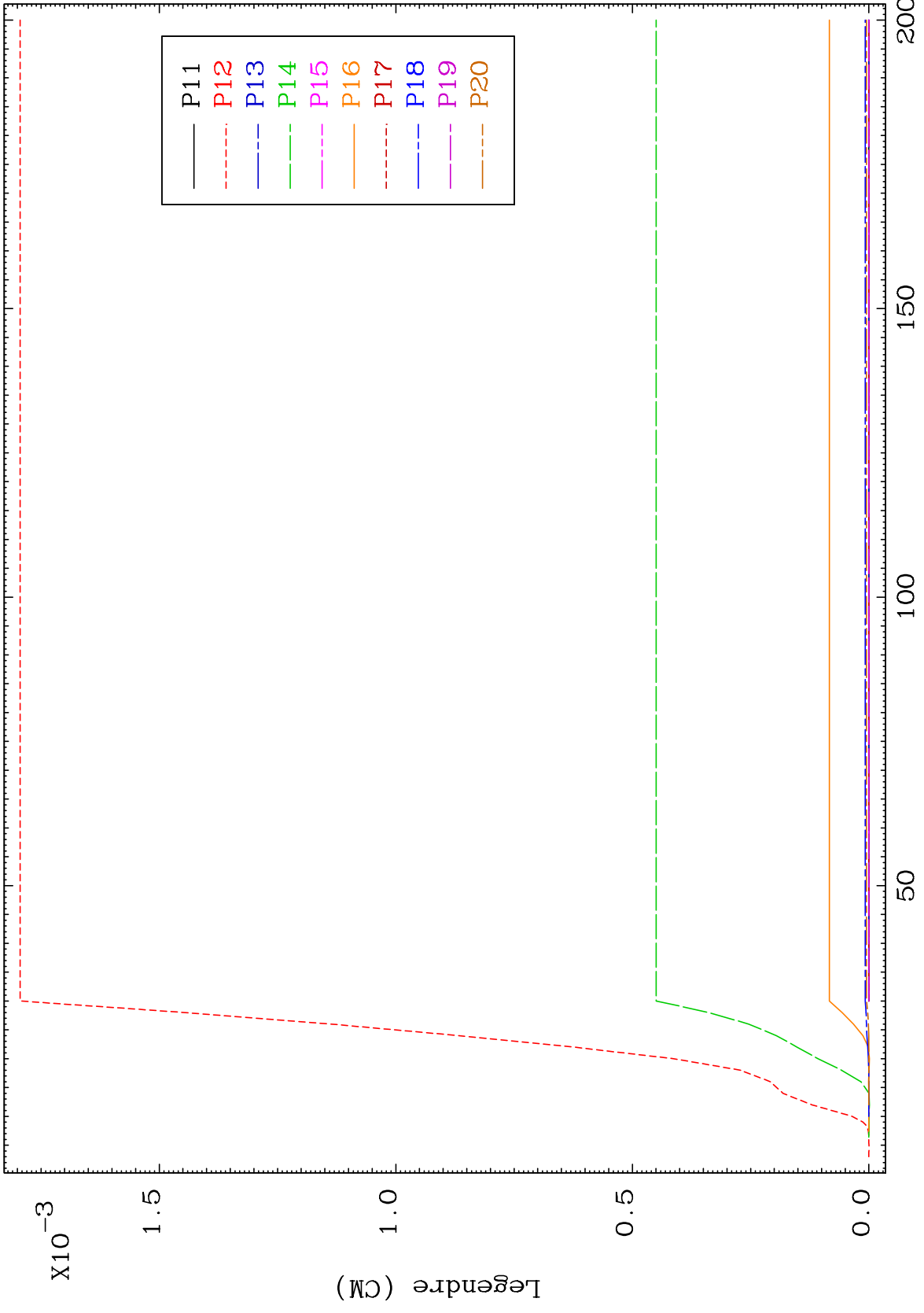
69-Tm-160

MAT 6898 MT= 56 (n,n') Level Legendre Coefficients 69-Tm-160



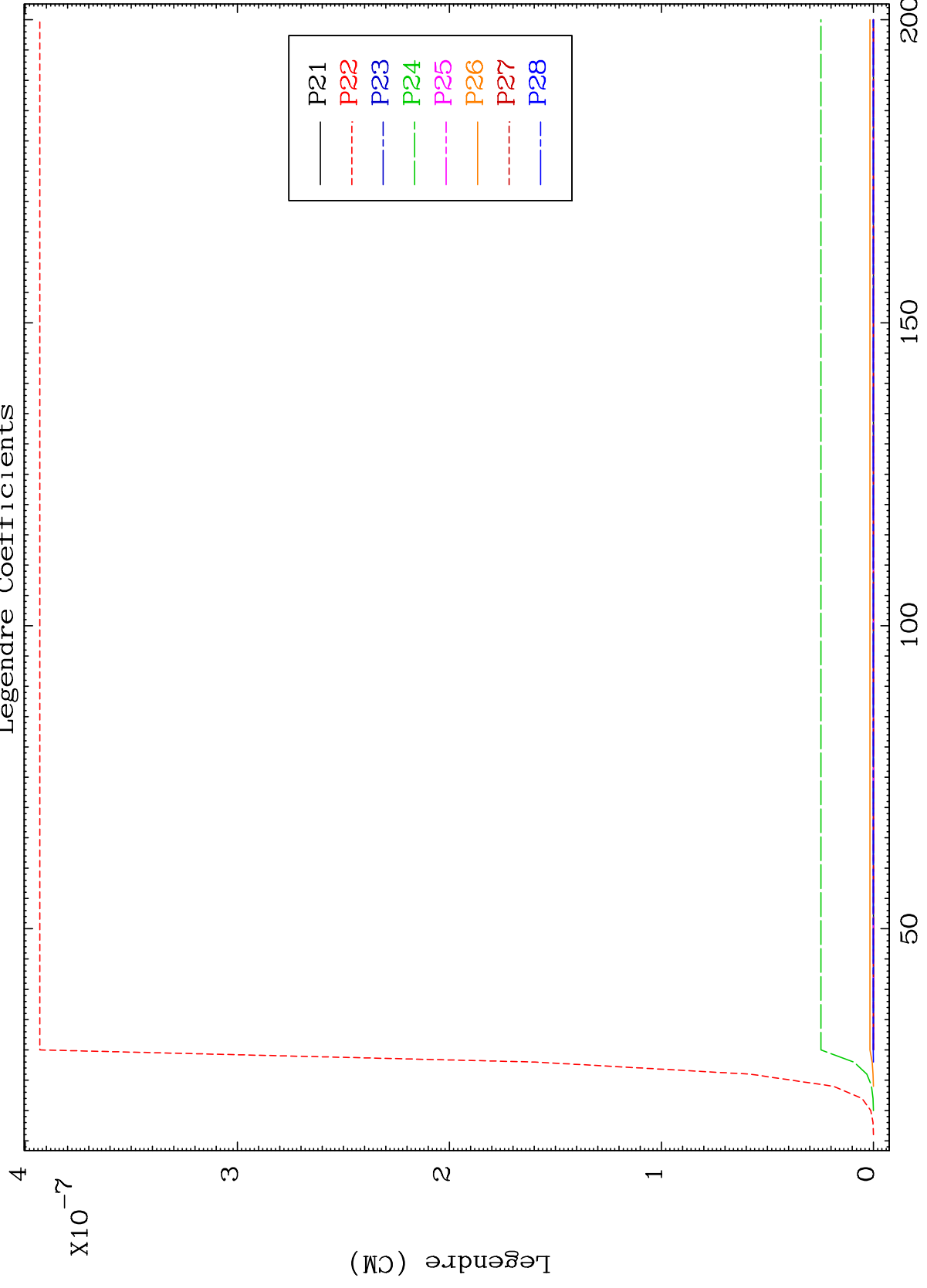
Incident Energy (MeV) 69-Tm-160

MAT 6898 MT= 56 (n,n') Level Legendre Coefficients 69-Tm-160



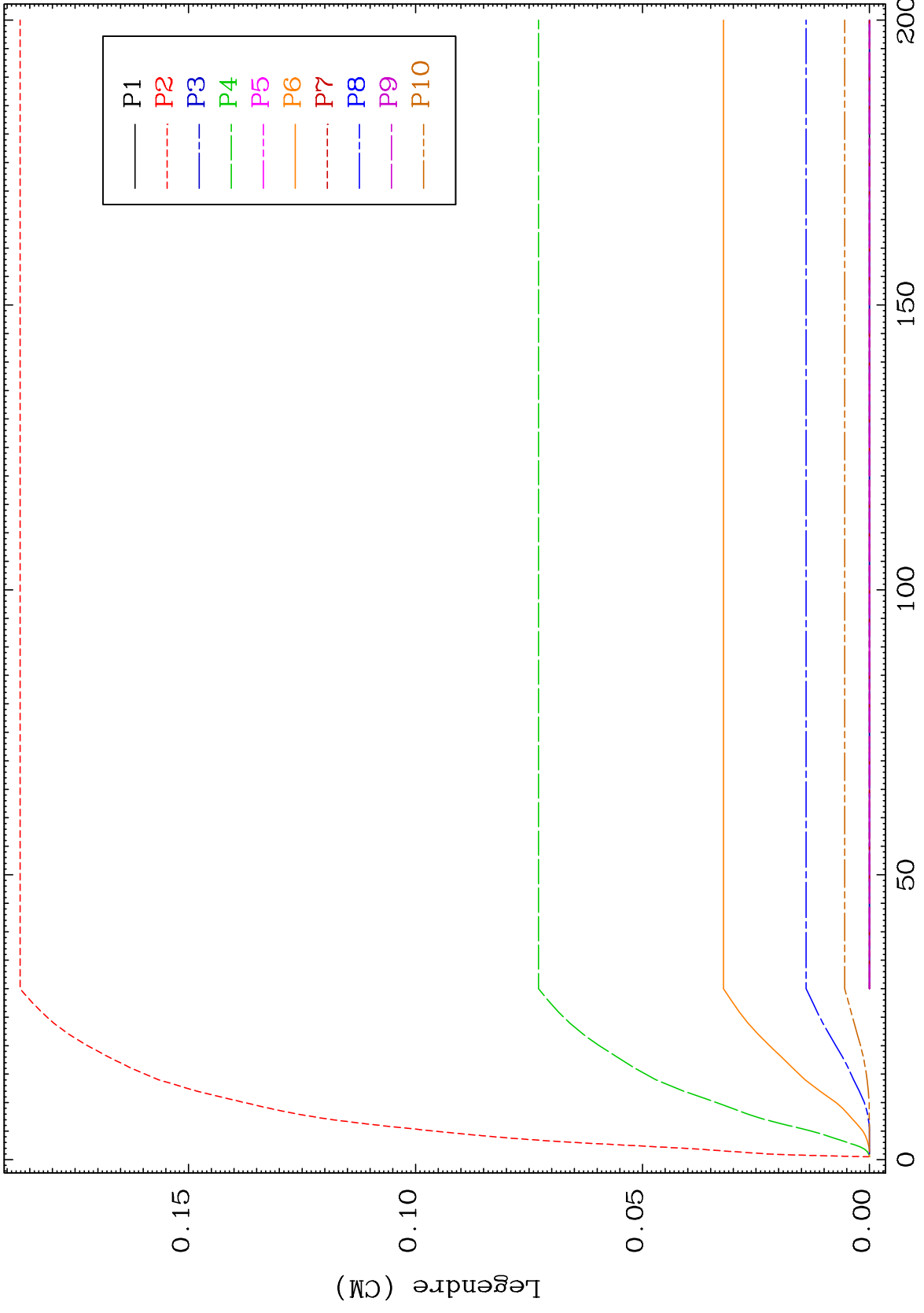
36 Incident Energy (MeV) 69-Tm-160

MAT 6898 MT= 56 (n,n') Level Legendre Coefficients 69-Tm-160



37 50 100 150 200 69-Tm-160

MAT 6898 MT= 57 (n,n') Level Legendre Coefficients 69-Tm-160

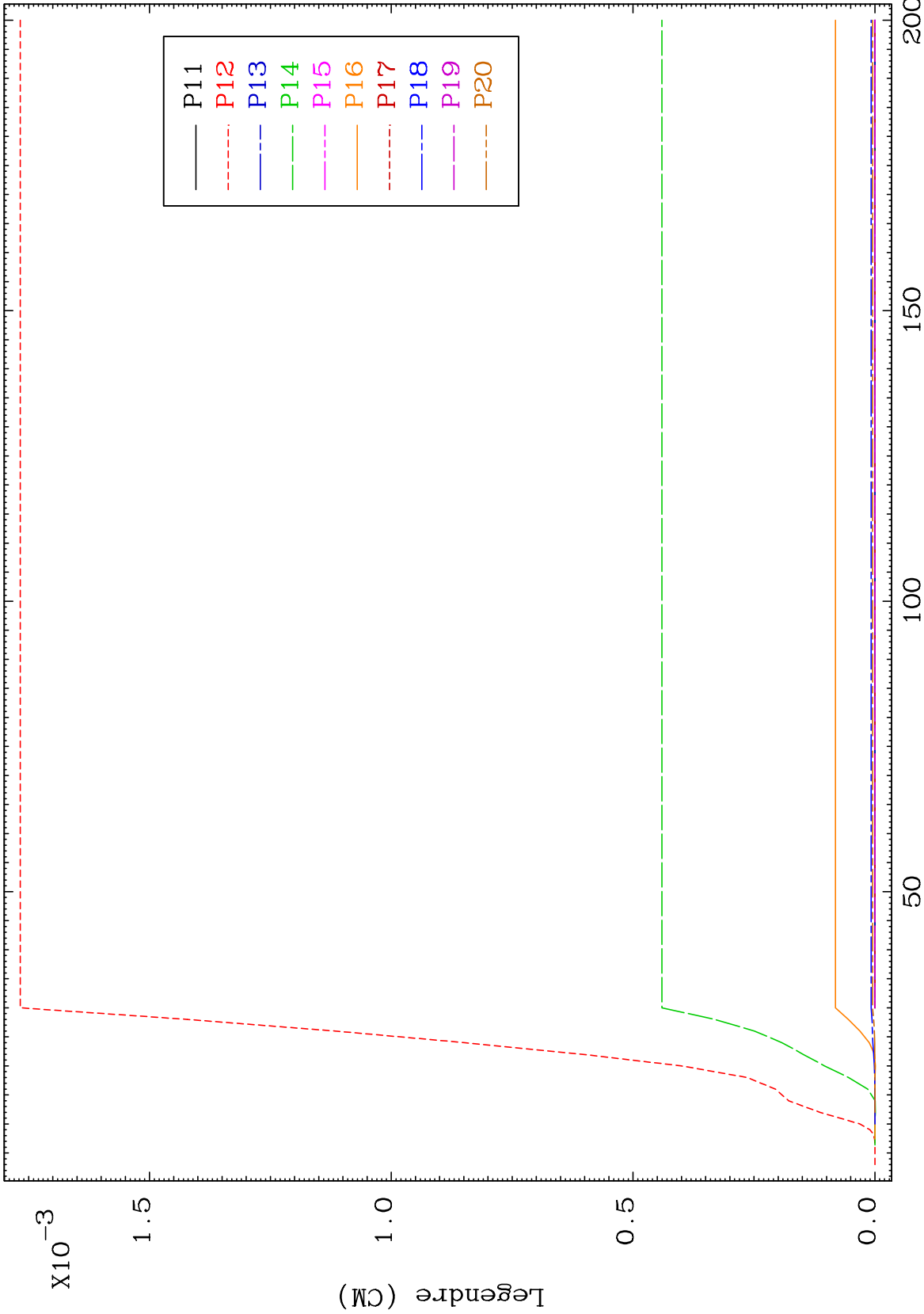


38 Incident Energy (MeV) 69-Tm-160

MAT 6898

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

69-Tm-160



39

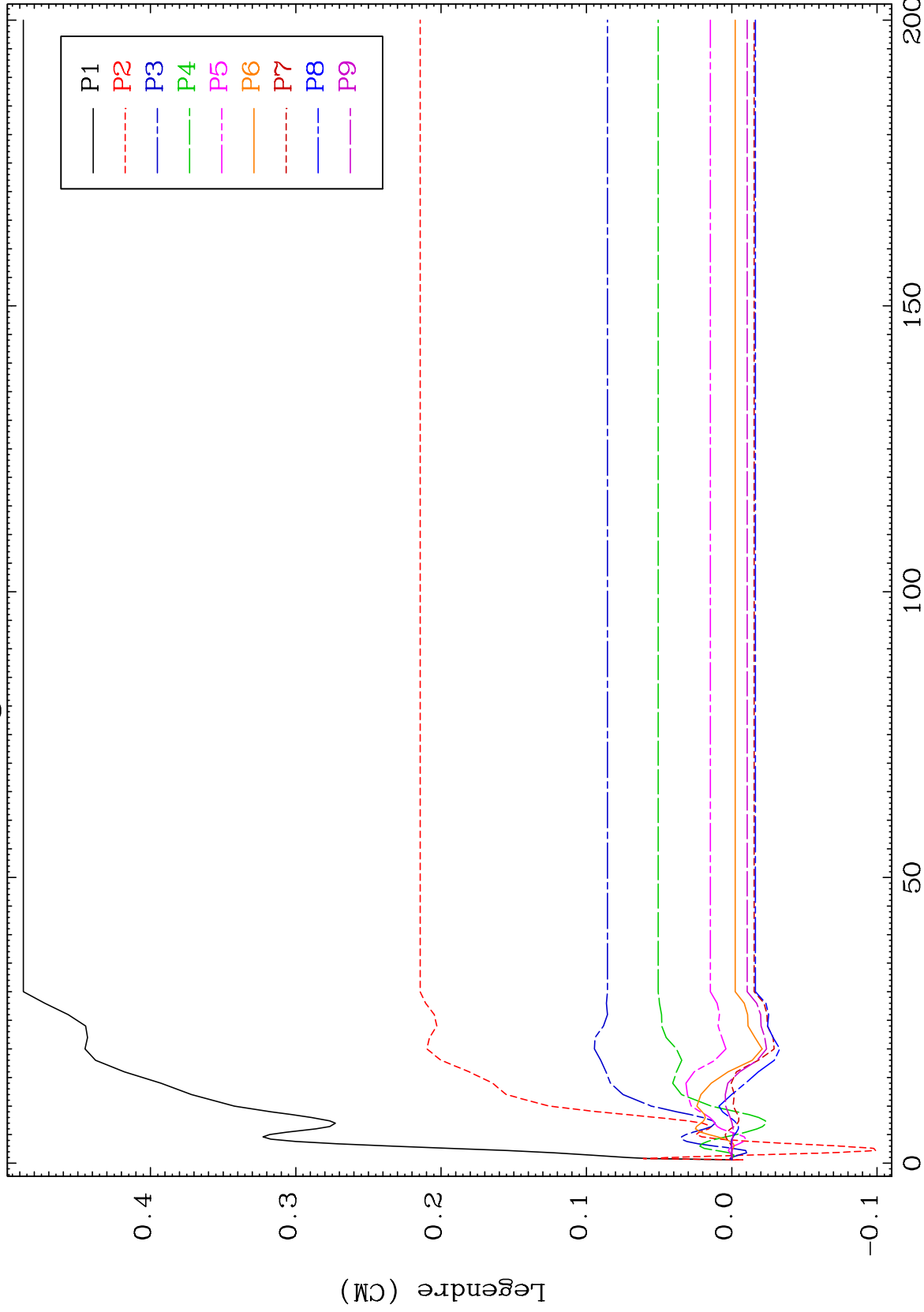
Incident Energy (MeV)

69-Tm-160

MAT 6898

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

69-Tm-160



41

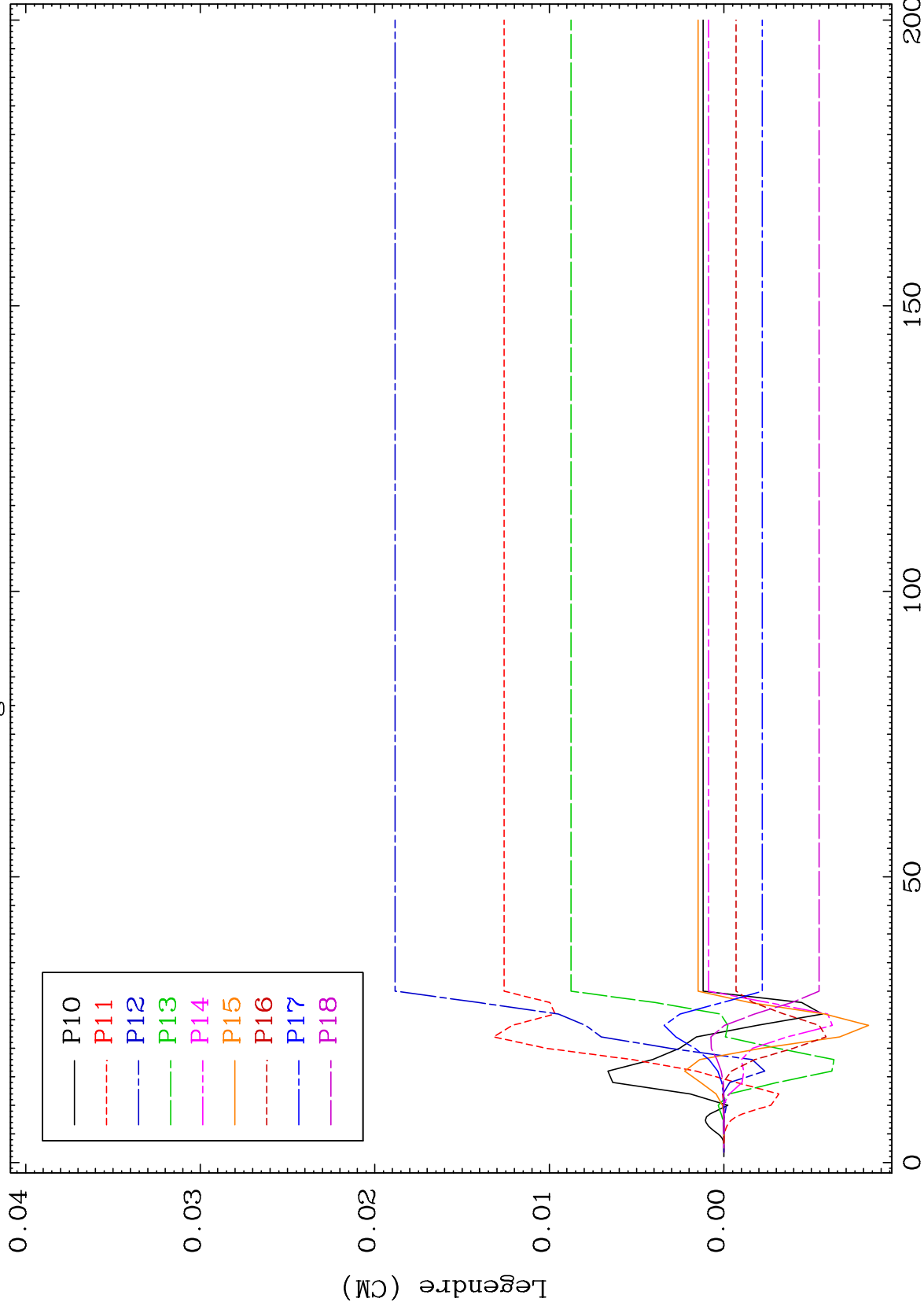
Incident Energy (MeV)

69-Tm-160

MAT 6898

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

69-Tm-160



42

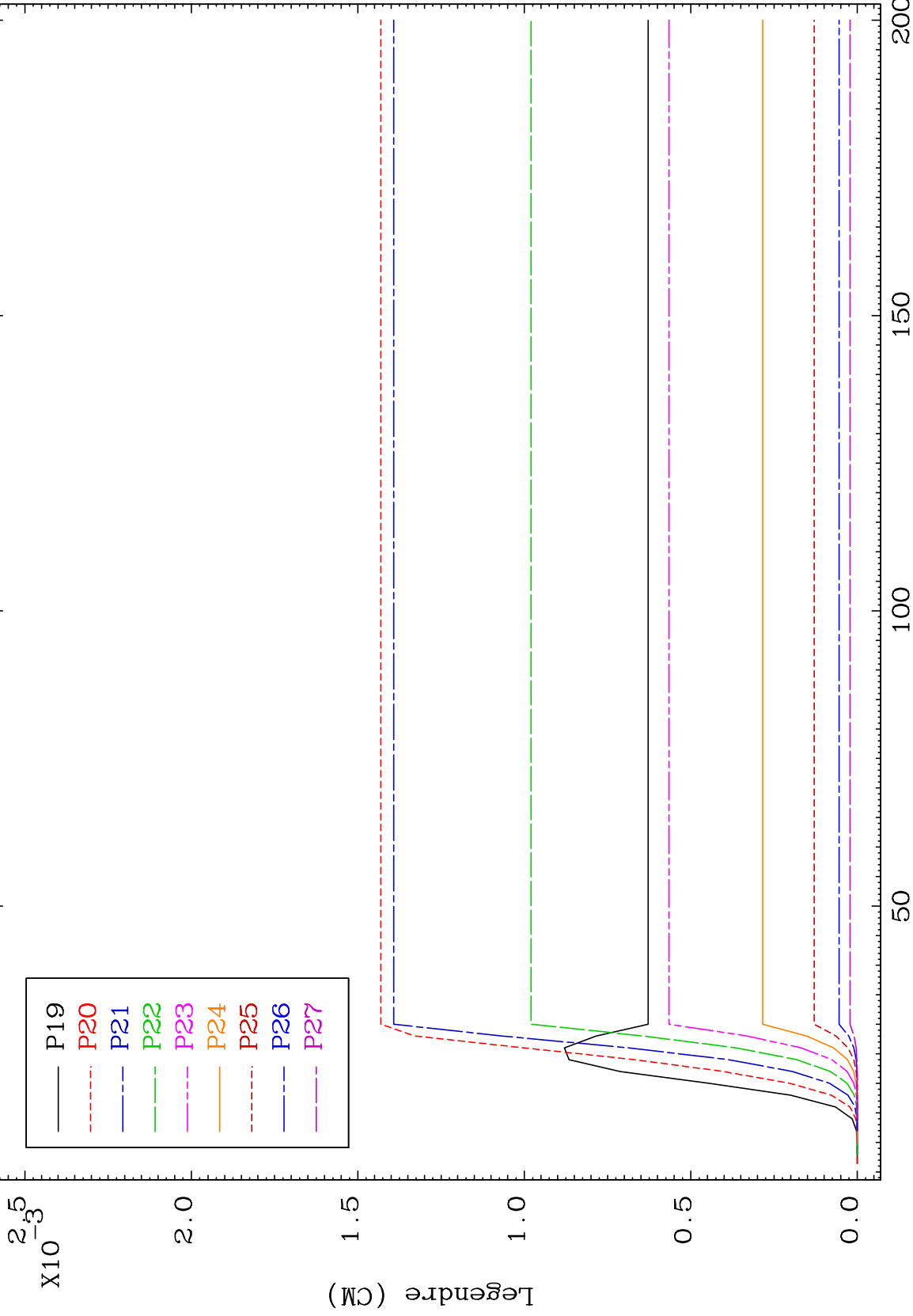
Incident Energy (MeV)

69-Tm-160

MAT 6898

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

69-Tm-160



43

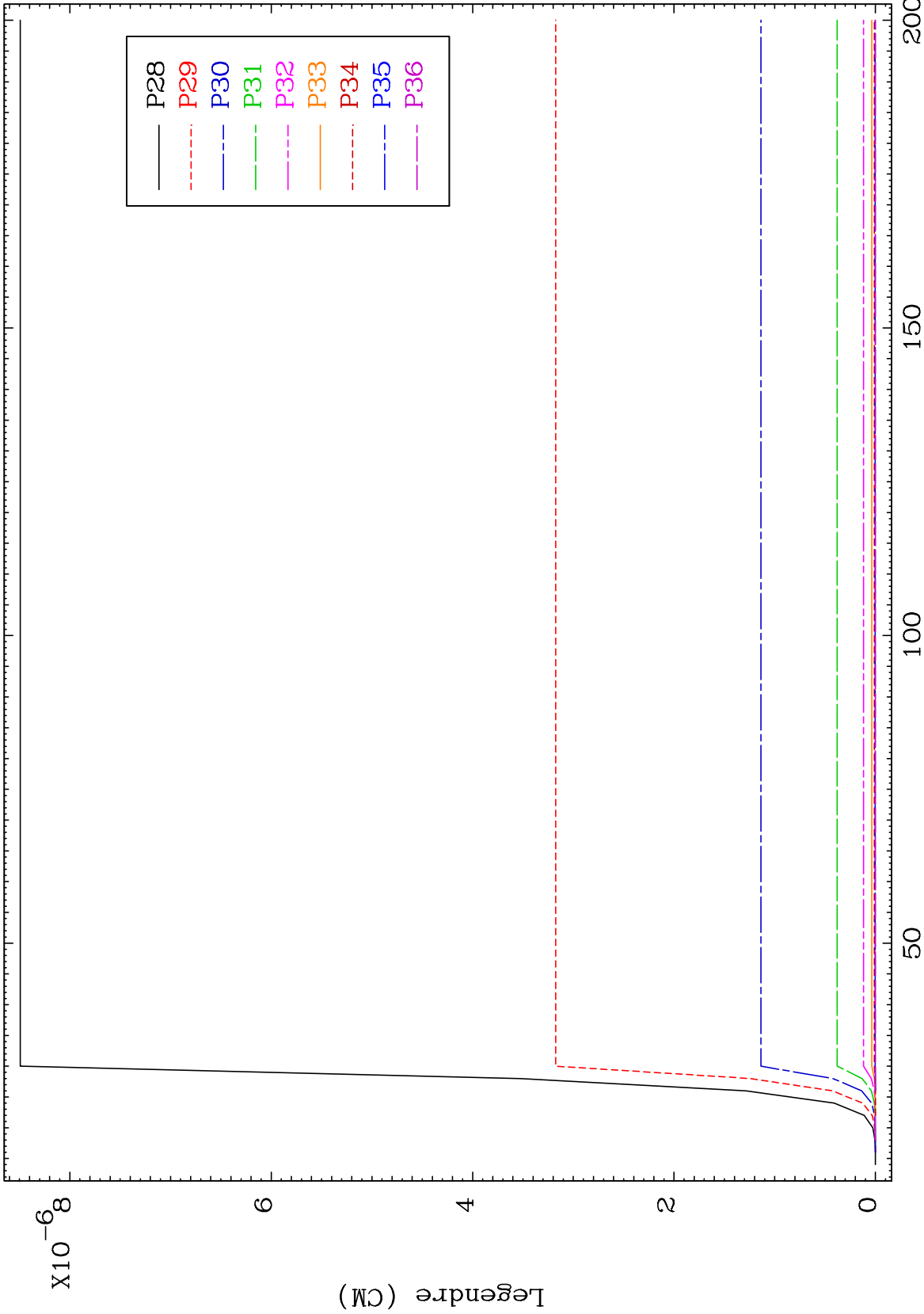
Incident Energy (MeV)

69-Tm-160

MAT 6898

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

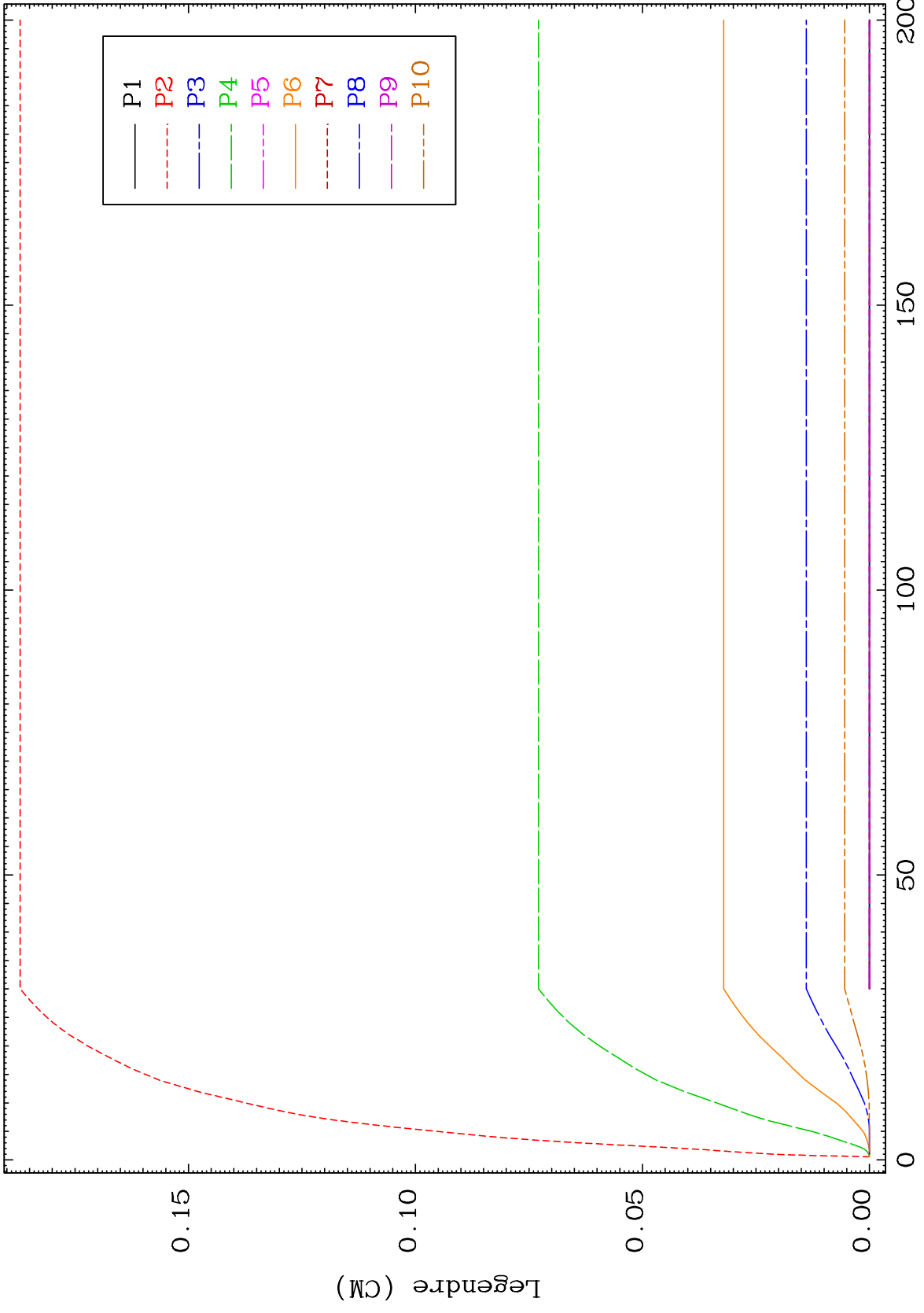
69-Tm-160



44

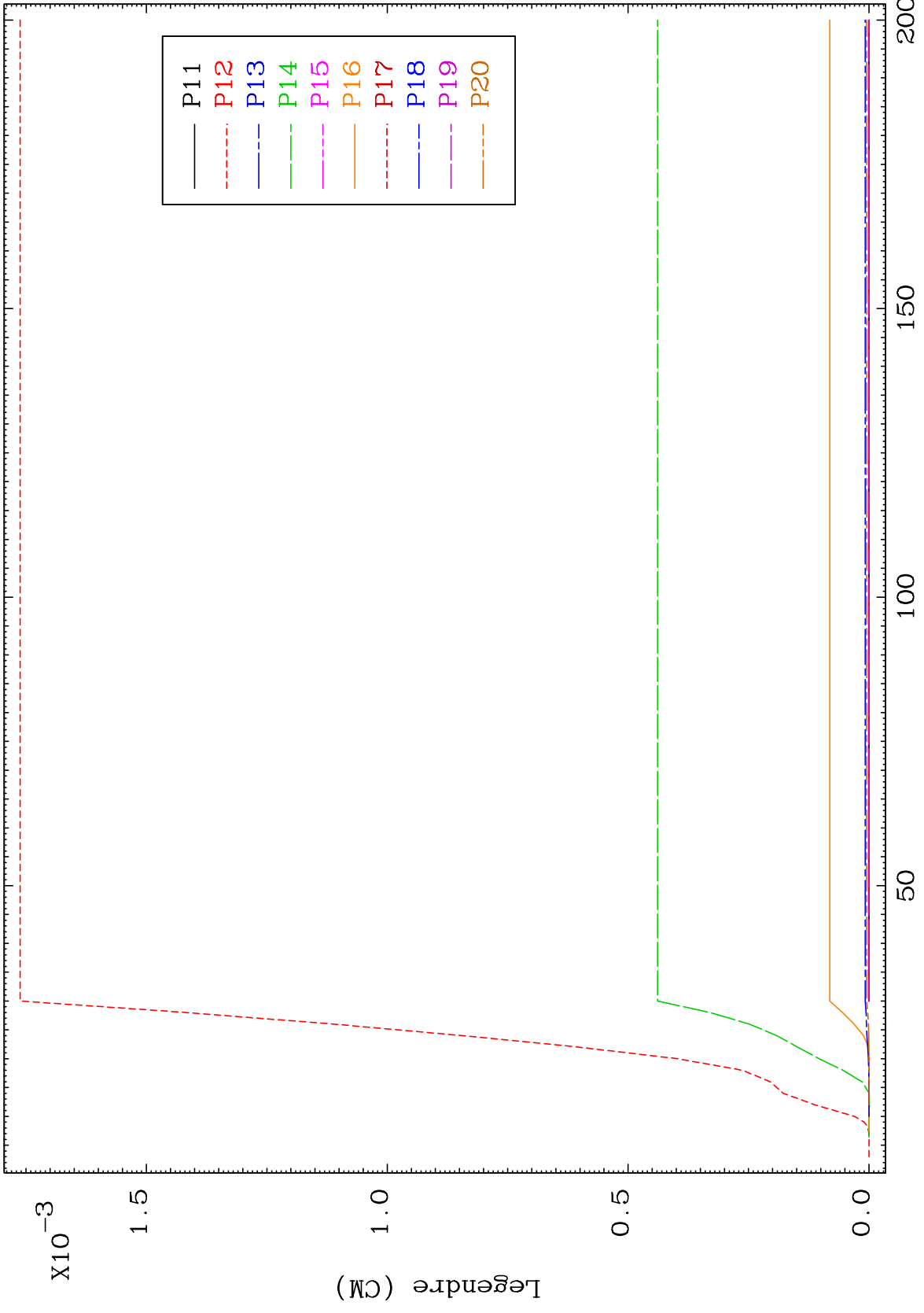
69-Tm-160

MAT 6898 MT= 59 (n,n') Level Legendre Coefficients 69-Tm-160



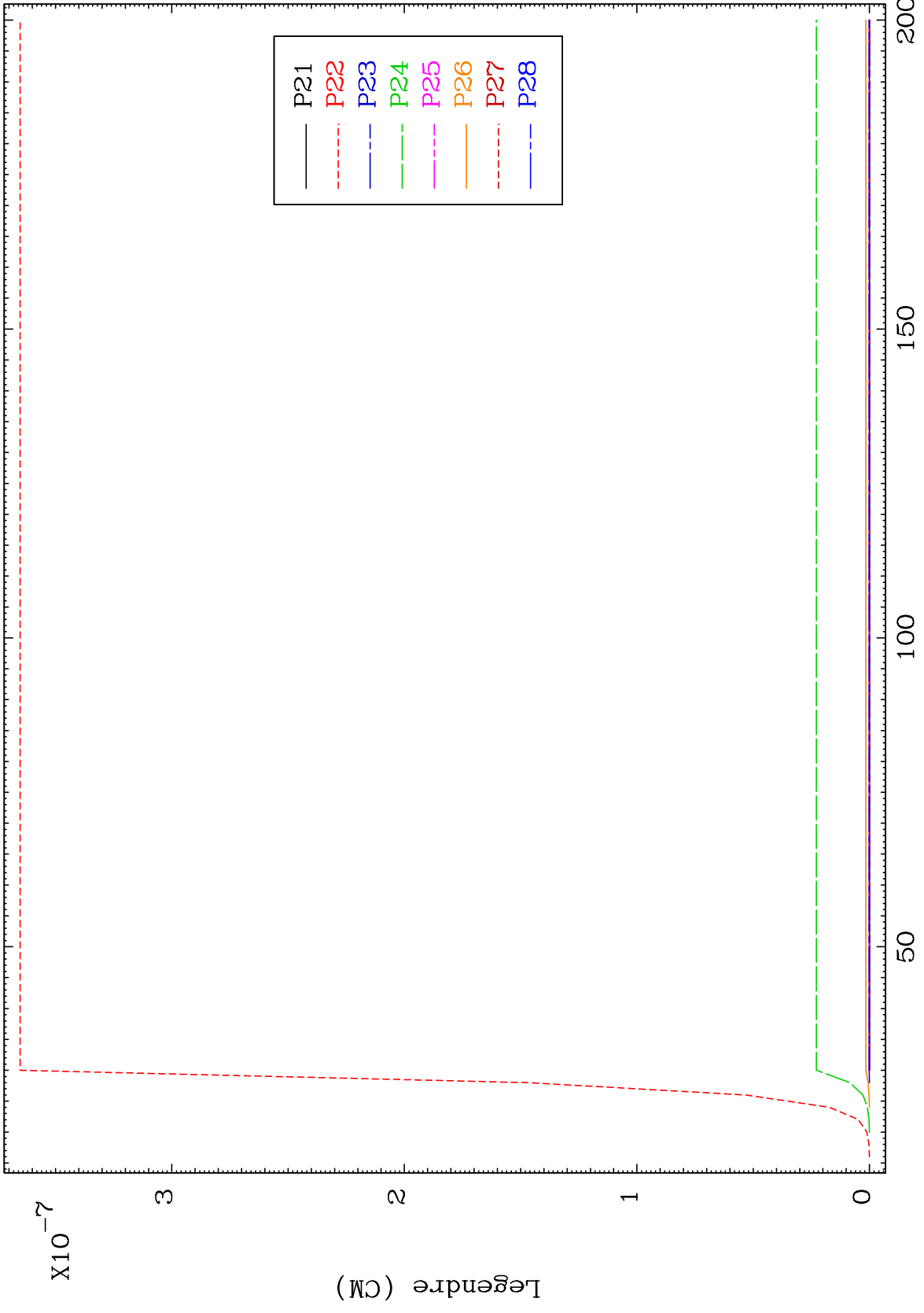
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MAT 6898 MT= 59 (n,n') Level Legendre Coefficients 69-Tm-160



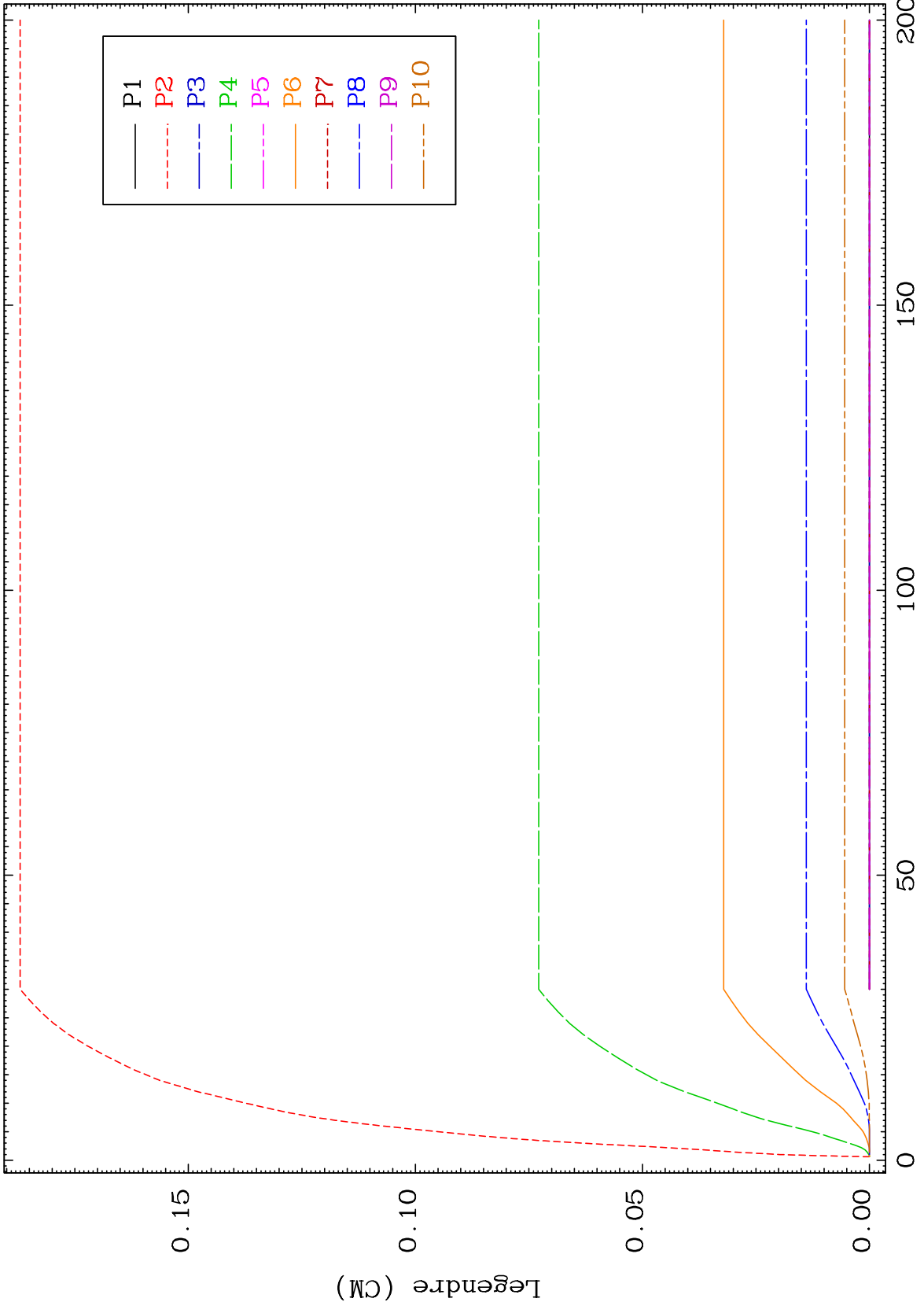
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MAT 6898 MT= 59 (n,n') Level Legendre Coefficients 69-Tm-160



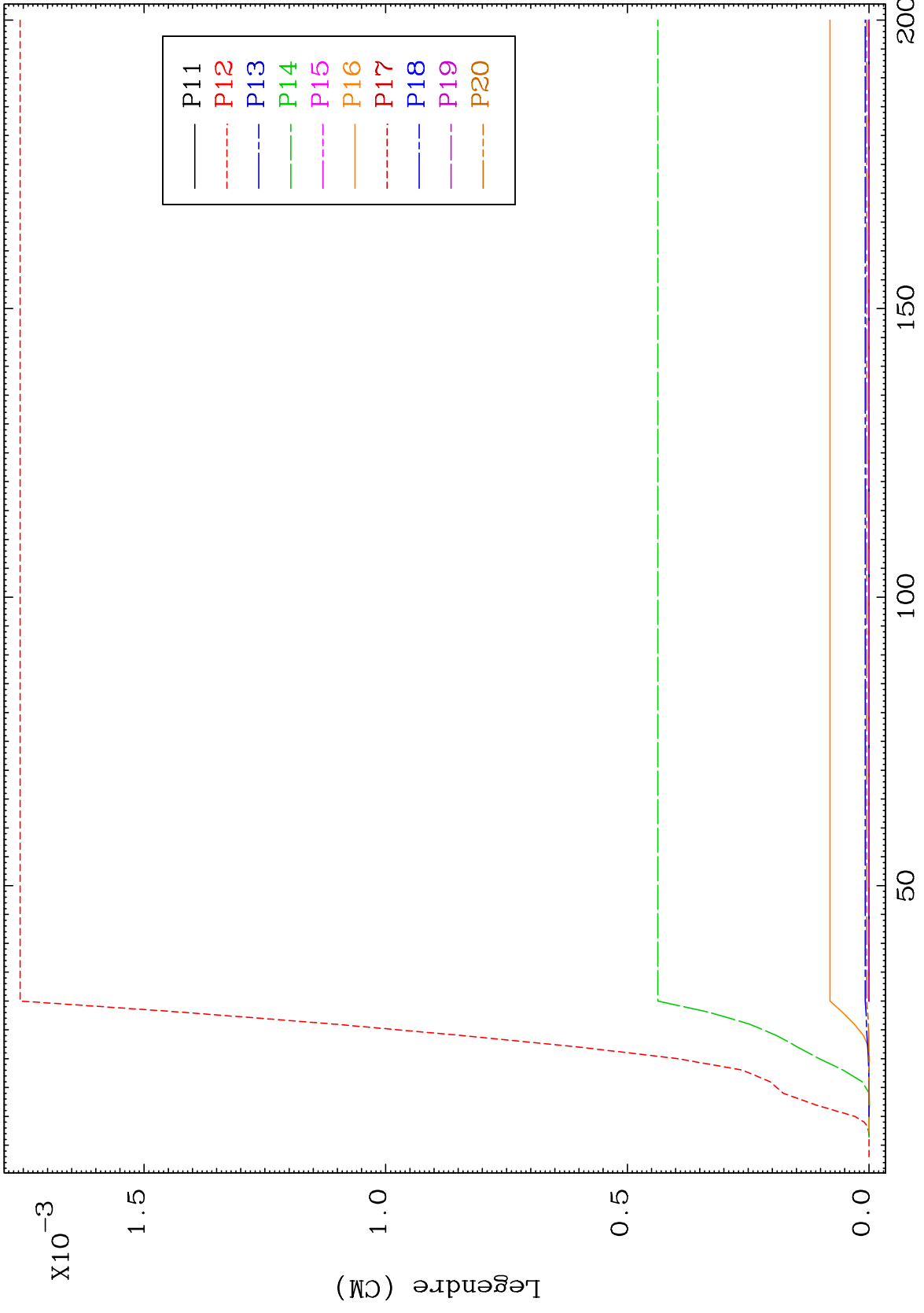
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MAT 6898 MT= 60 (n,n') Level Legendre Coefficients 69-Tm-160



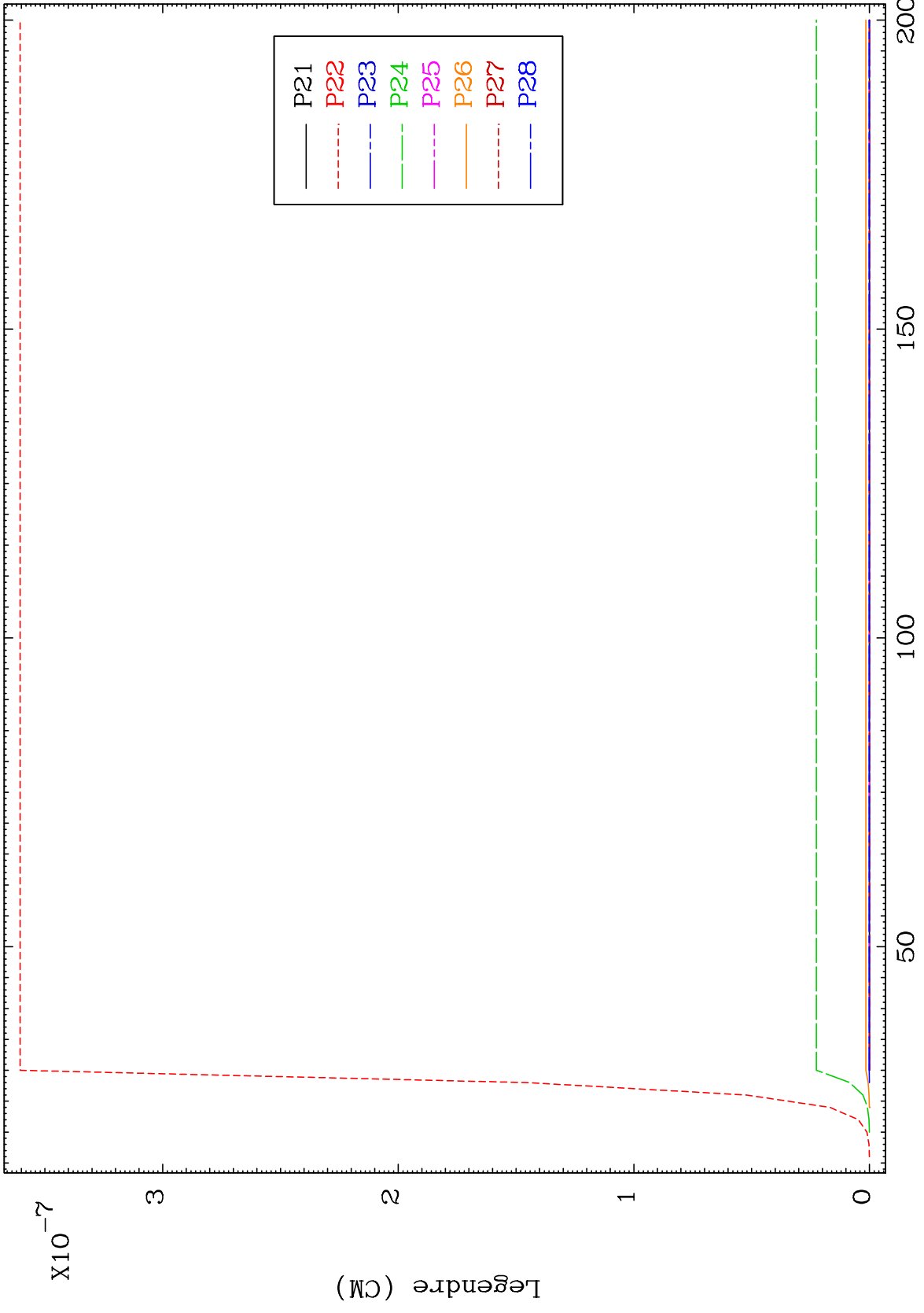
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MAT 6898 MT= 60 (n,n') Level Legendre Coefficients 69-Tm-160



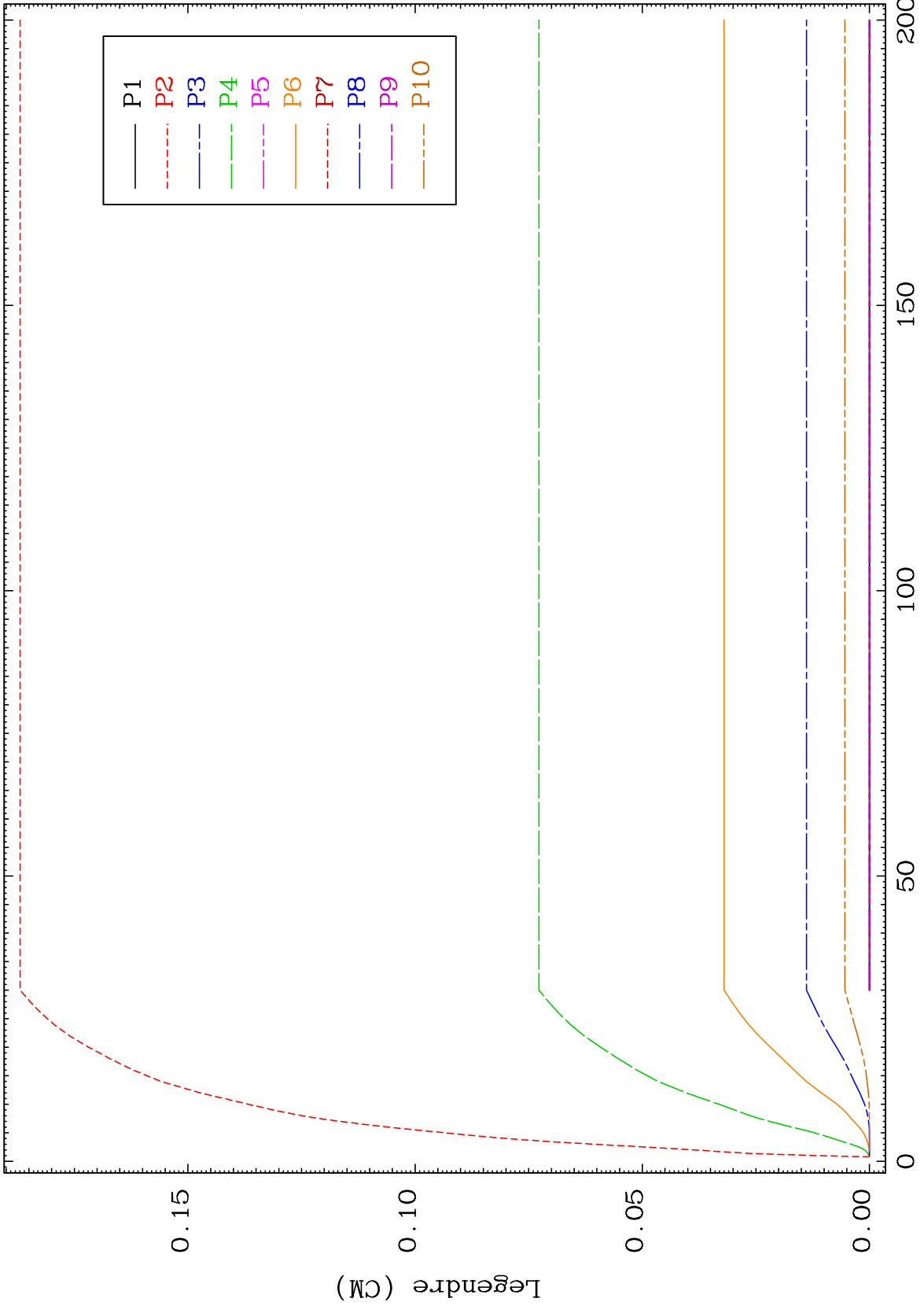
49 69-Tm-160

MAT 6898 MT= 60 (n,n') Level Legendre Coefficients 69-Tm-160



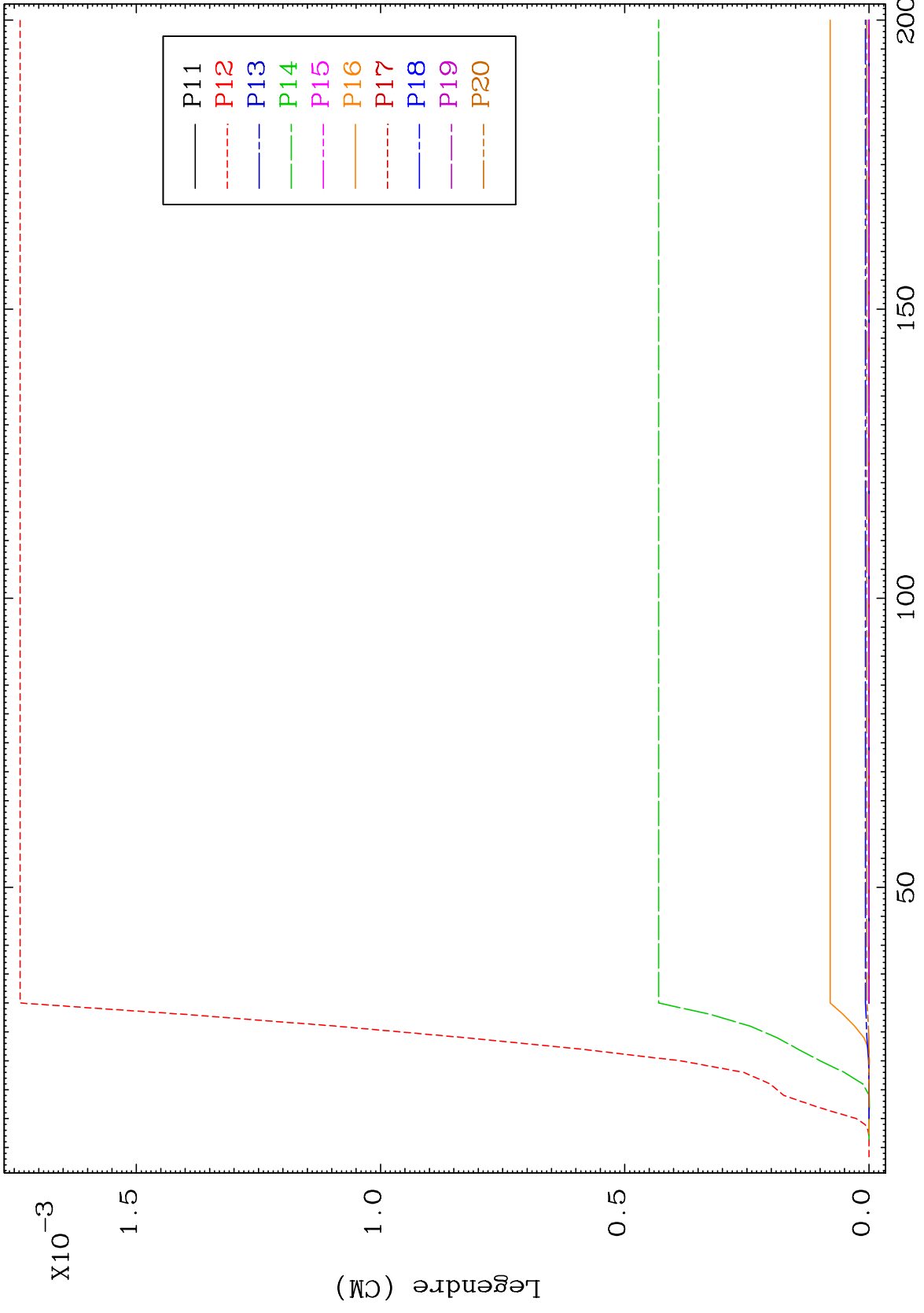
Incident Energy (MeV) 69-Tm-160

MAT 6898 MT= 61 (n,n') Level Legendre Coefficients 69-Tm-160



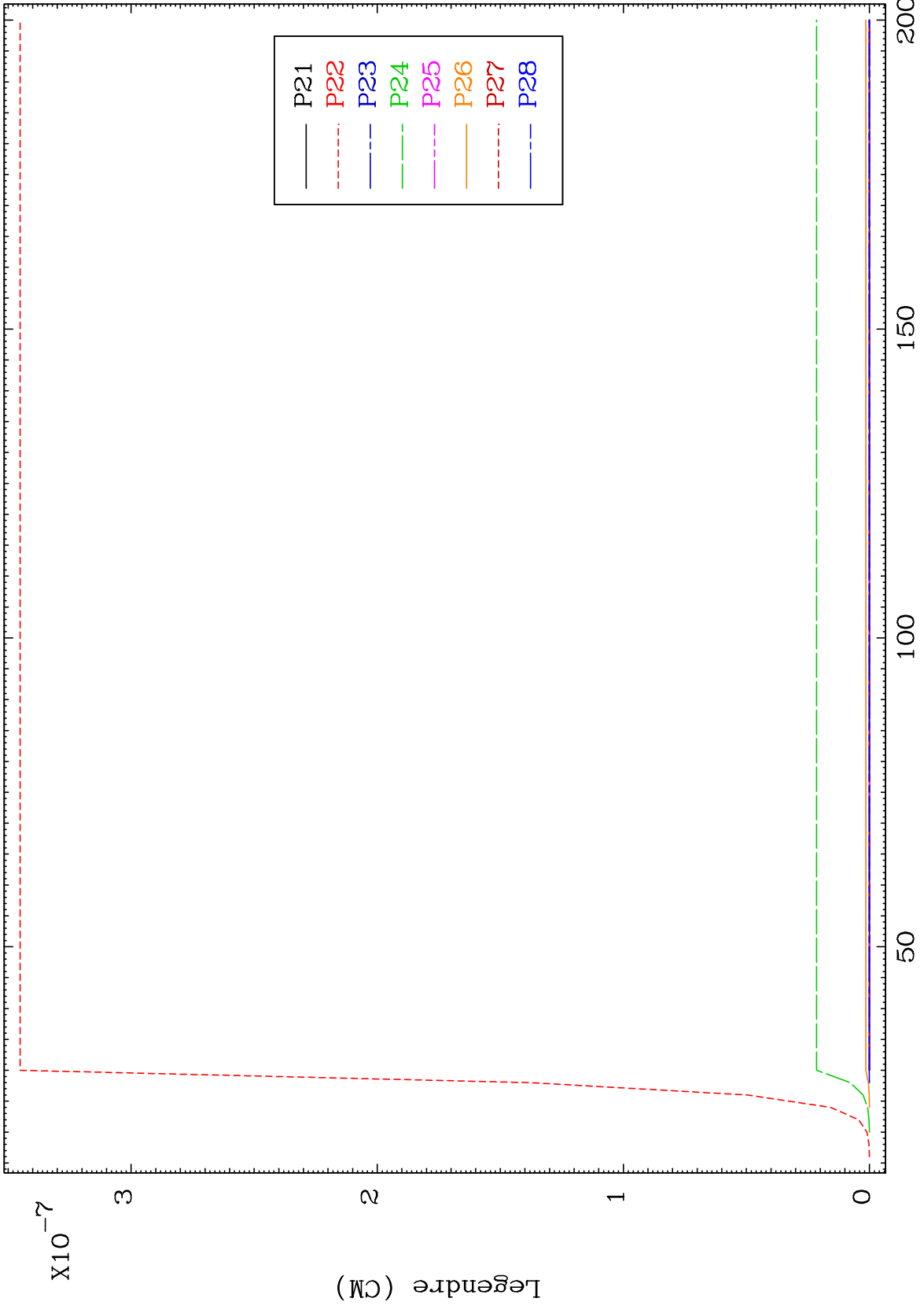
51 69-Tm-160

MAT 6898 MT= 61 (n,n') Level Legendre Coefficients 69-Tm-160



52 Incident Energy (MeV) 69-Tm-160

MAT 6898 MT= 61 (n,n') Level Legendre Coefficients 69-Tm-160

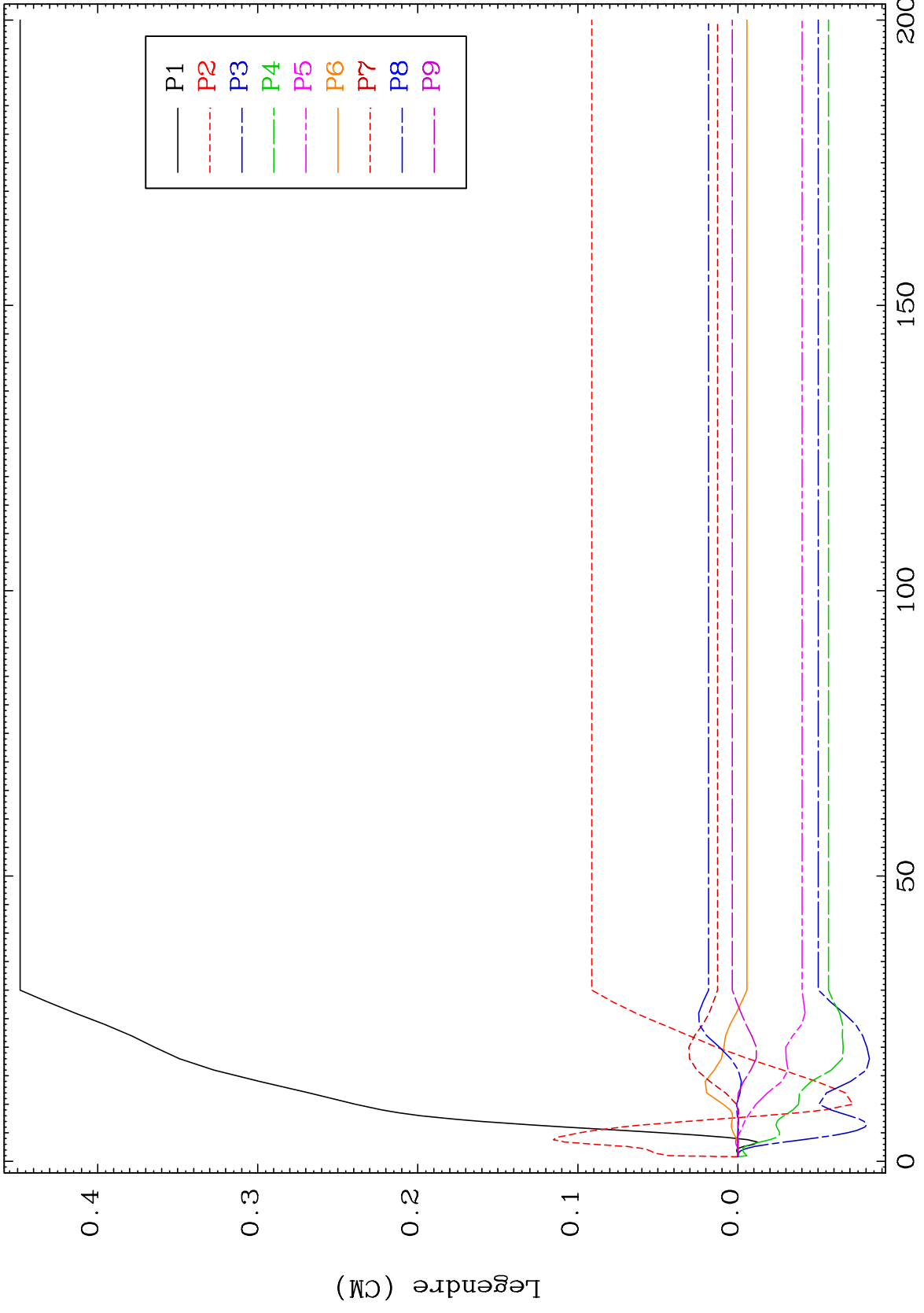


53 Incident Energy (MeV) 69-Tm-160

MAT 6898

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

69-Tm-160



54

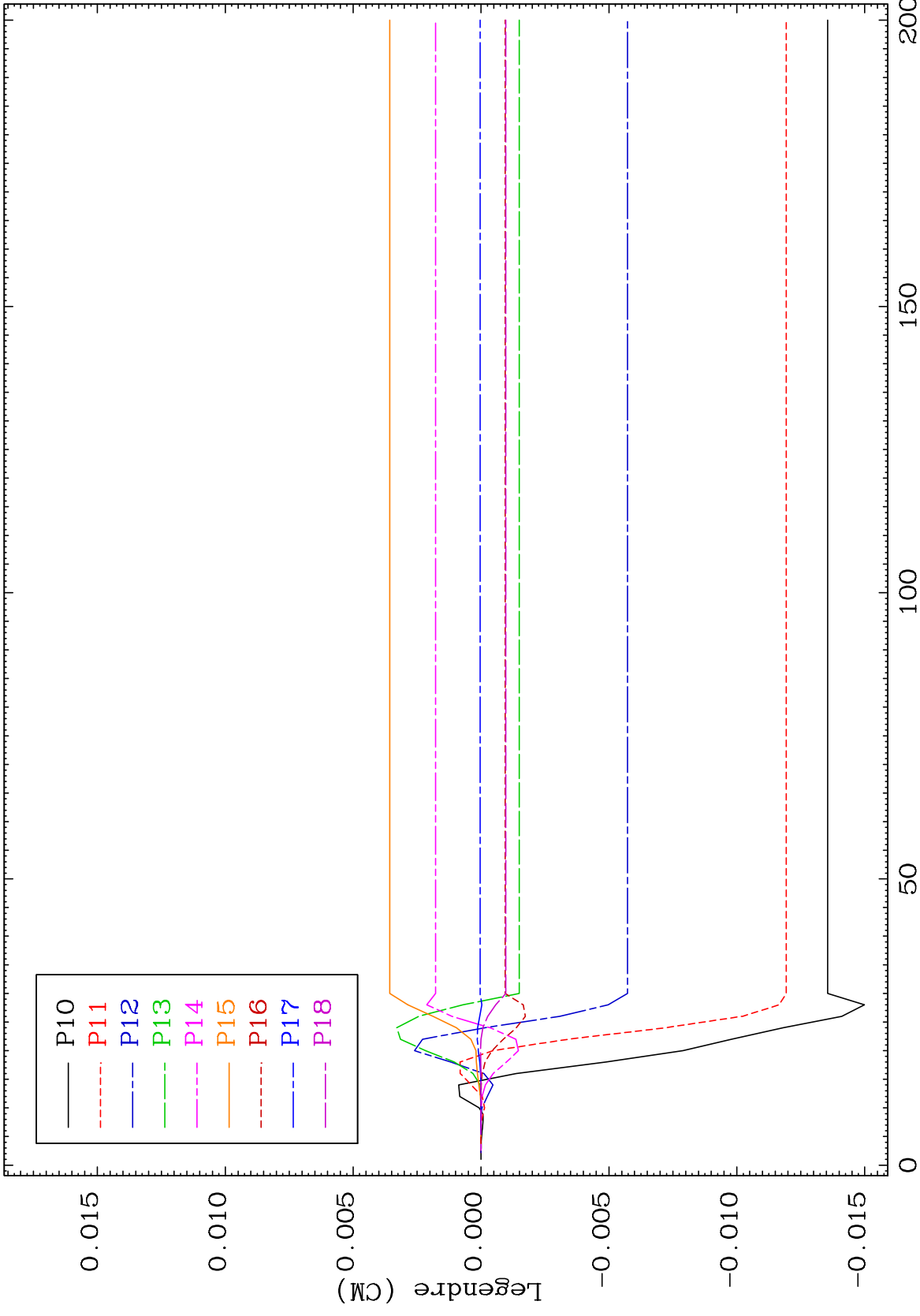
Incident Energy (MeV)

69-Tm-160

MAT 6898

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

69-Tm-160



55

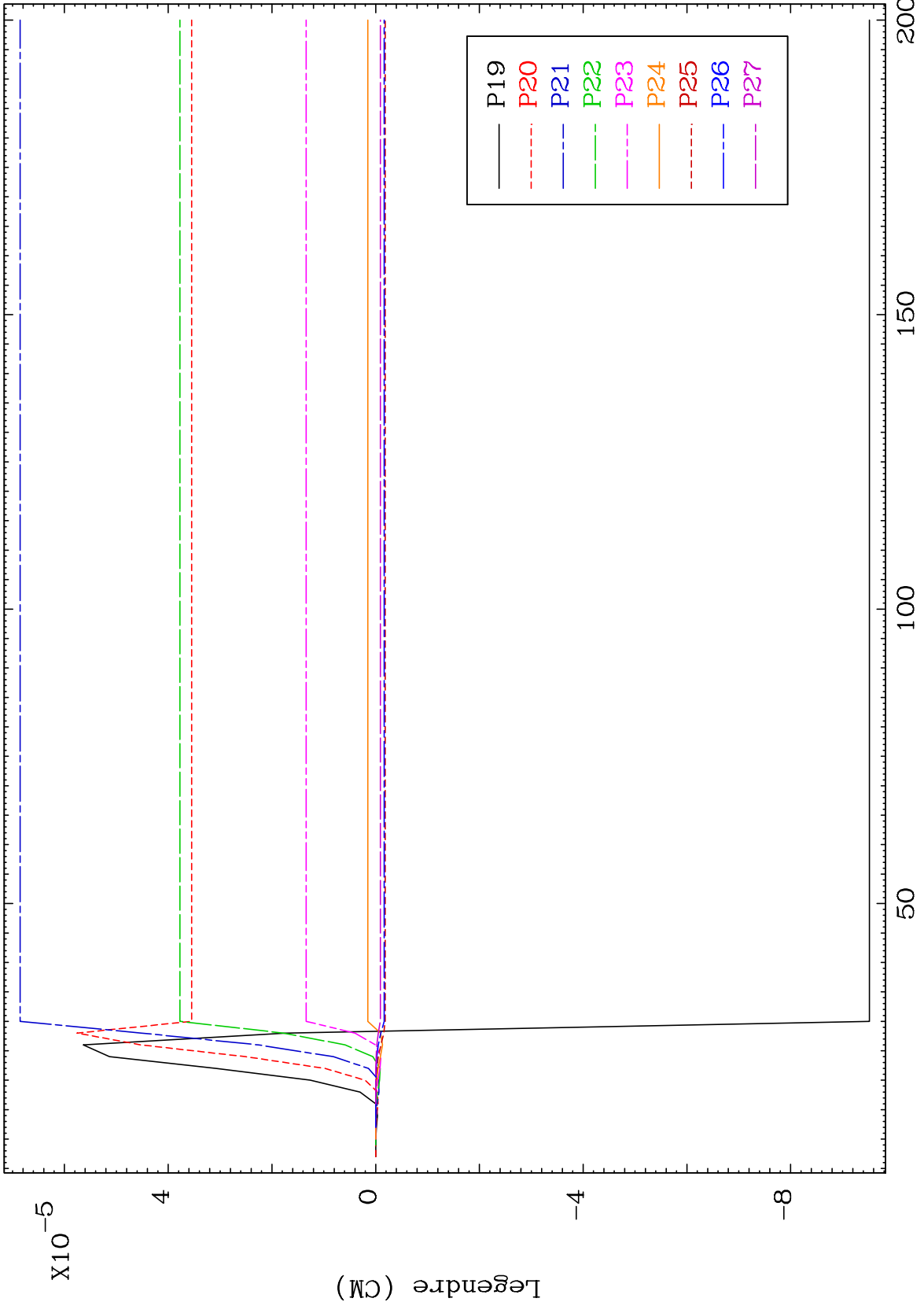
Incident Energy (MeV)

69-Tm-160

MAT 6898

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

69-Tm-160

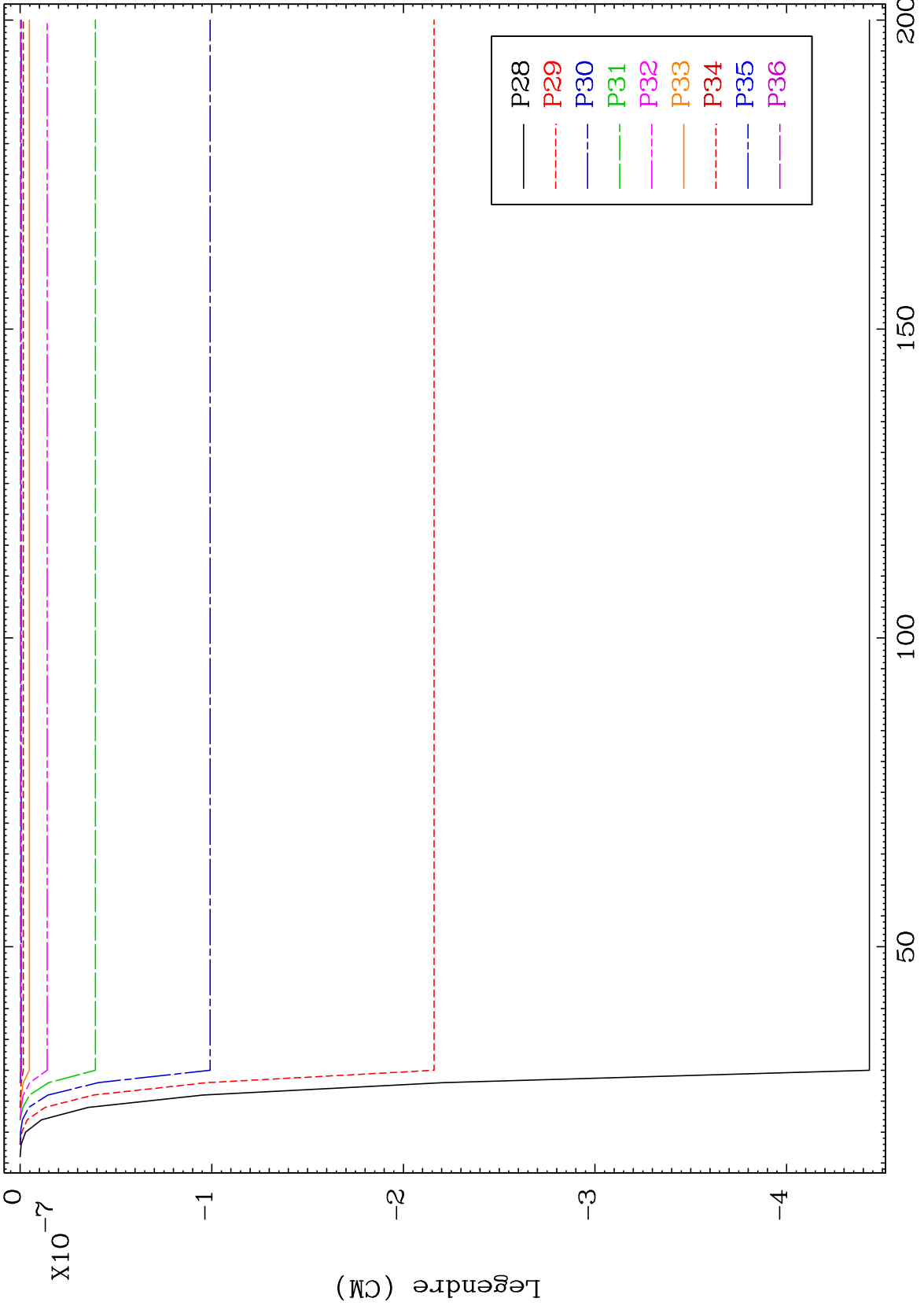


56

Incident Energy (MeV)

69-Tm-160

MAT 6898 MT= 62 (n,n') Level Legendre Coefficients 69-Tm-160

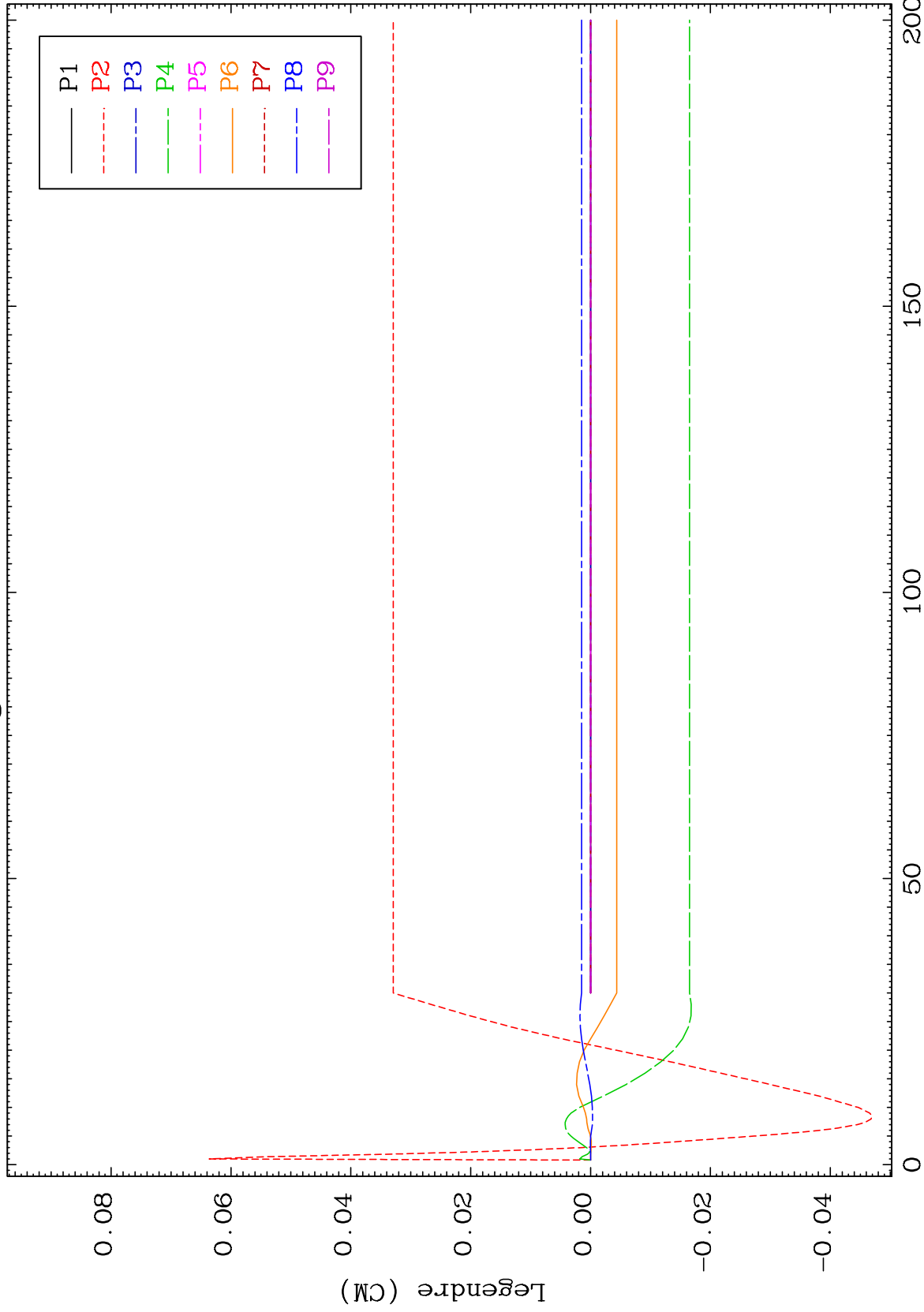


57 69-Tm-160

MAT 6898

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

69-Tm-160



58

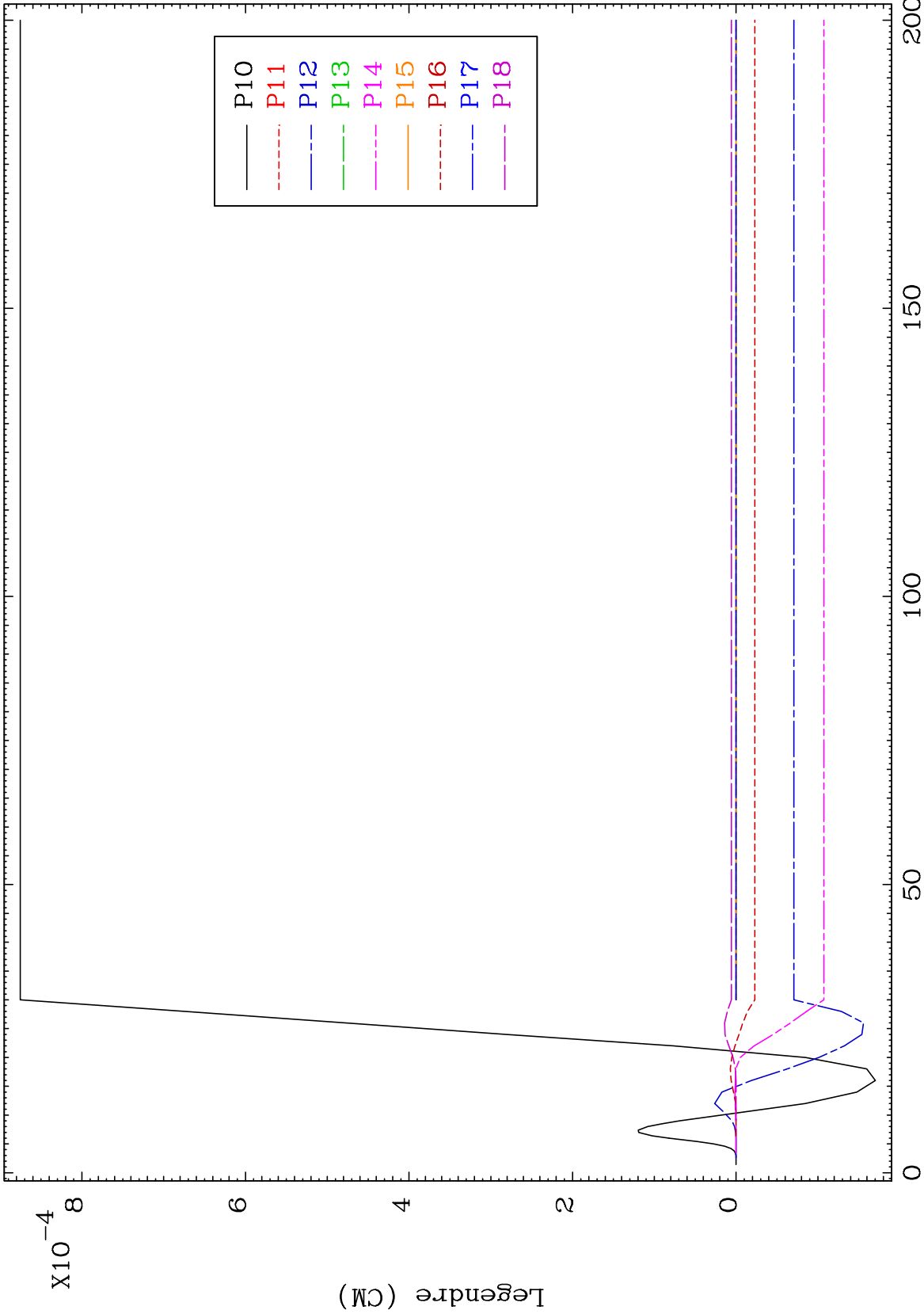
Incident Energy (MeV)

69-Tm-160

MAT 6898

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

69-Tm-160

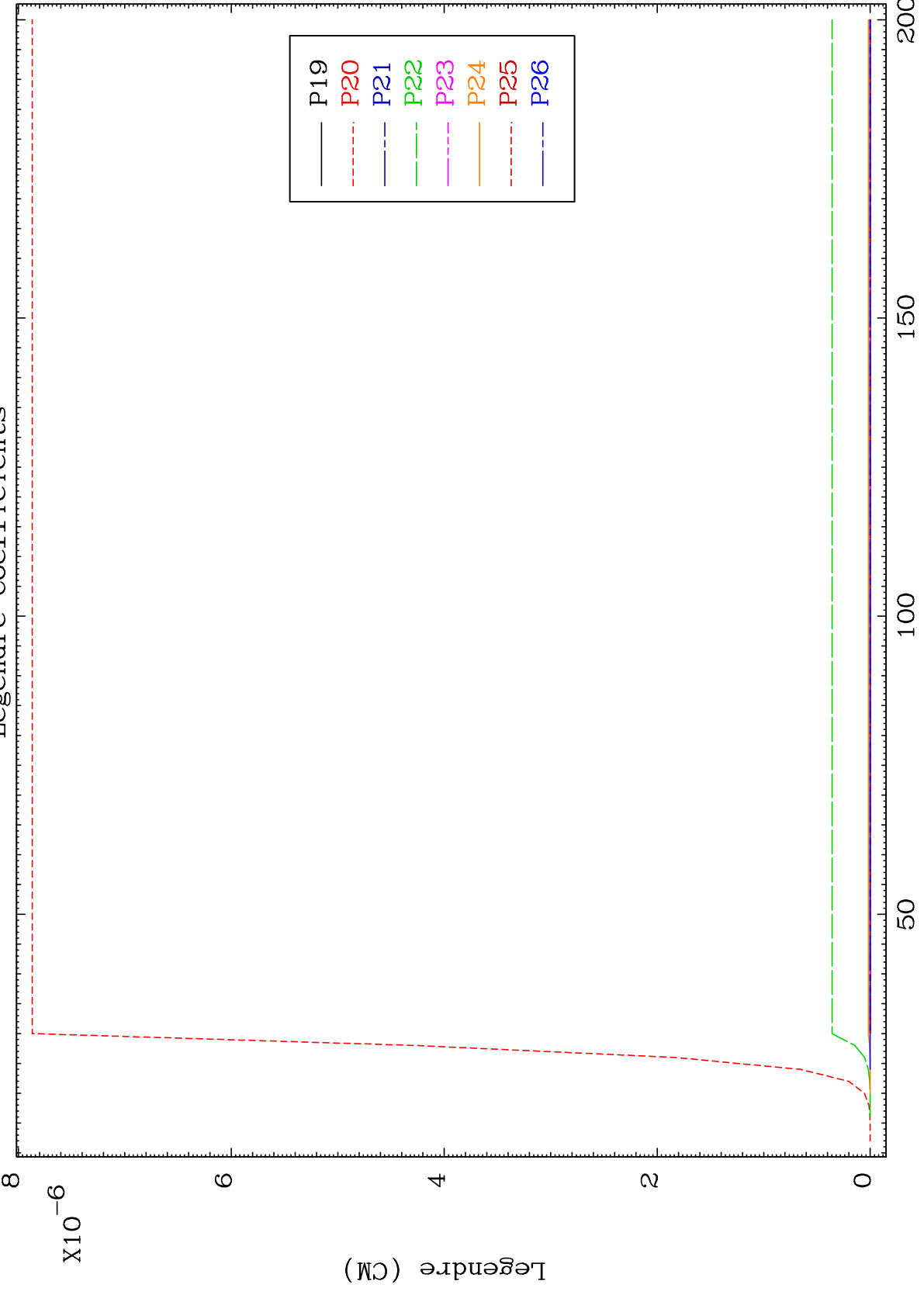


59

Incident Energy (MeV)

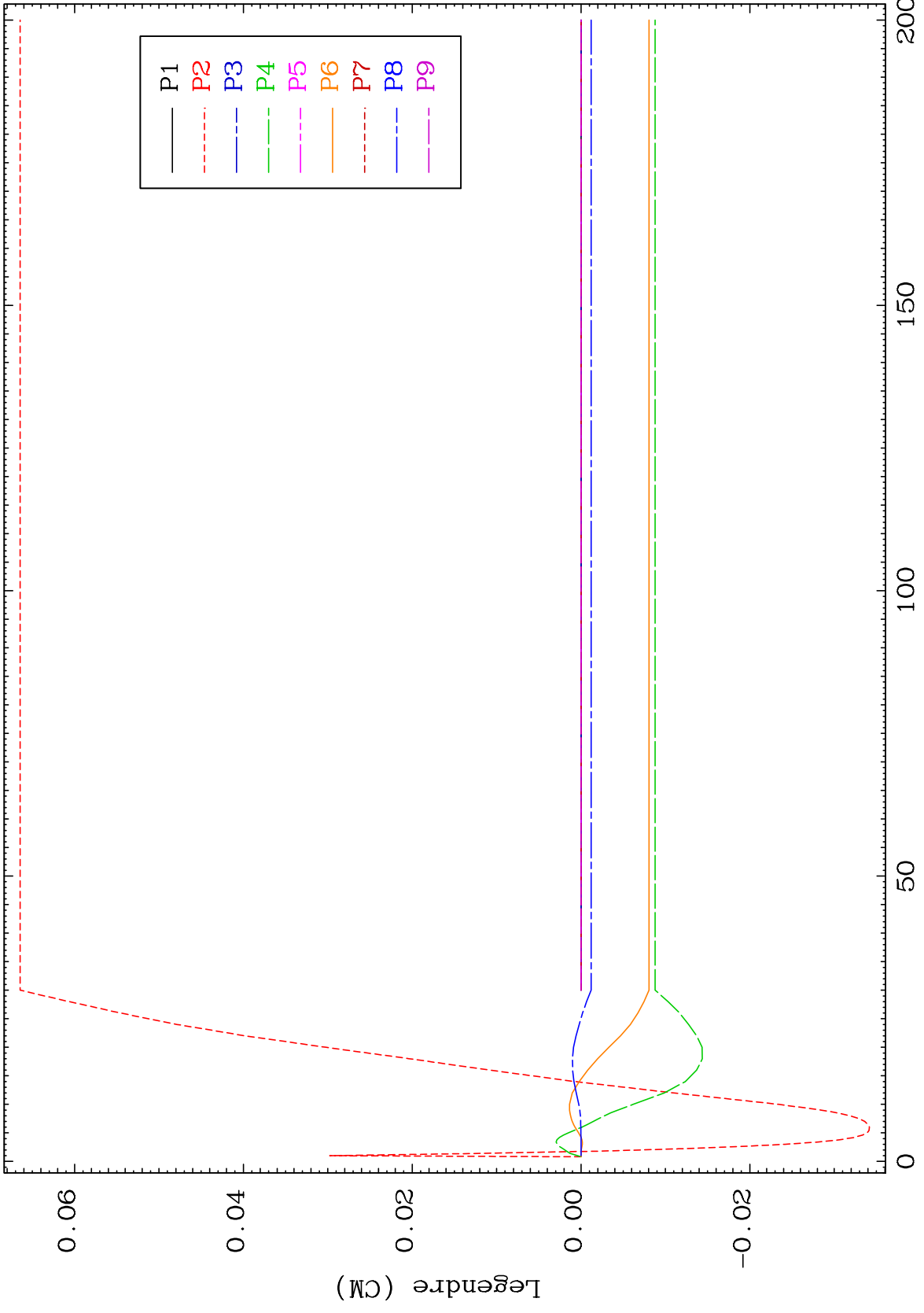
69-Tm-160

MAT 6898 MT= 63 (n,n') Level Legendre Coefficients 69-Tm-160



69-Tm-160

MAT 6898 MT= 64 (n,n') Level Legendre Coefficients 69-Tm-160

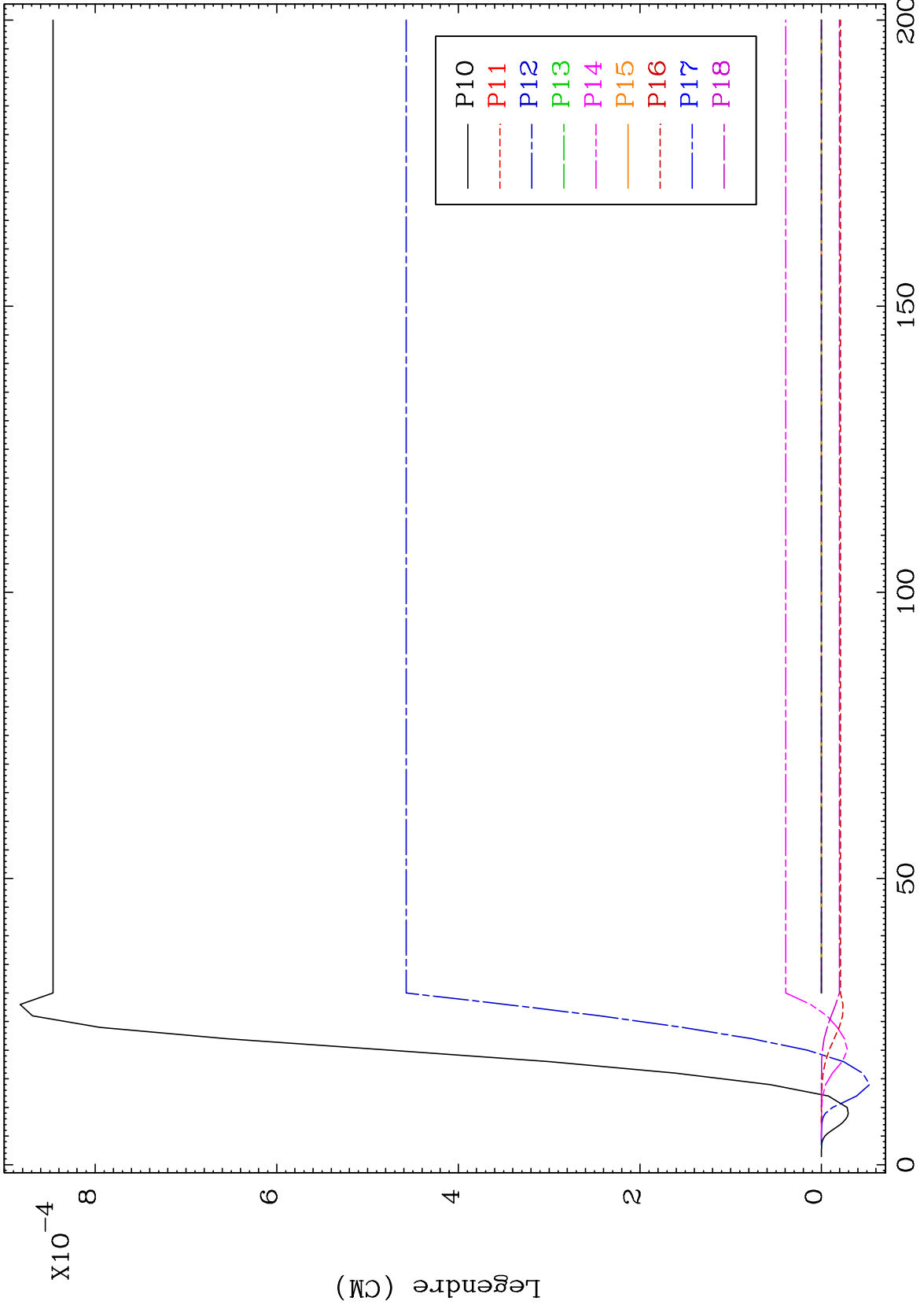


61 69-Tm-160

MAT 6898

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

69-Tm-160

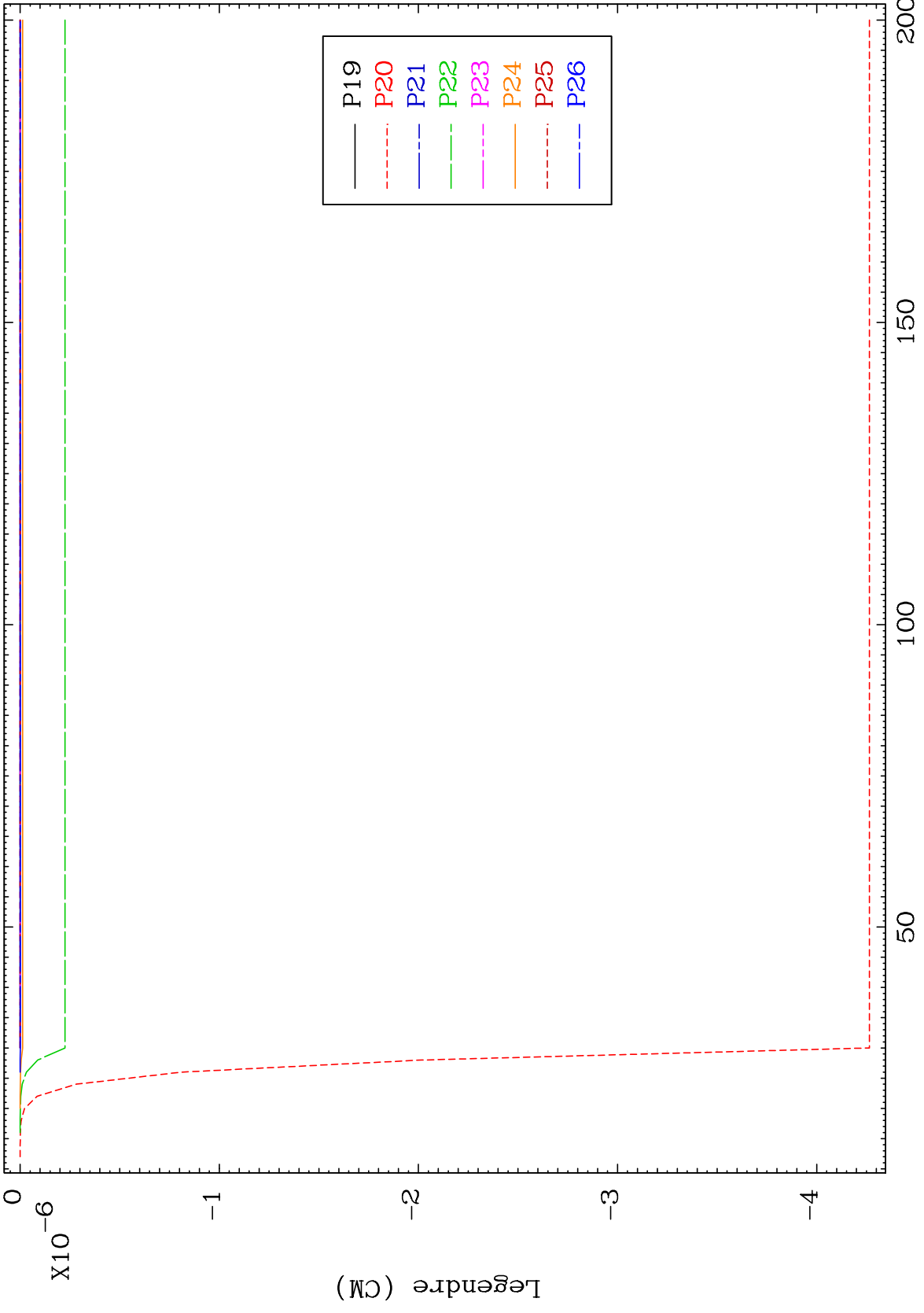


62

Incident Energy (MeV)

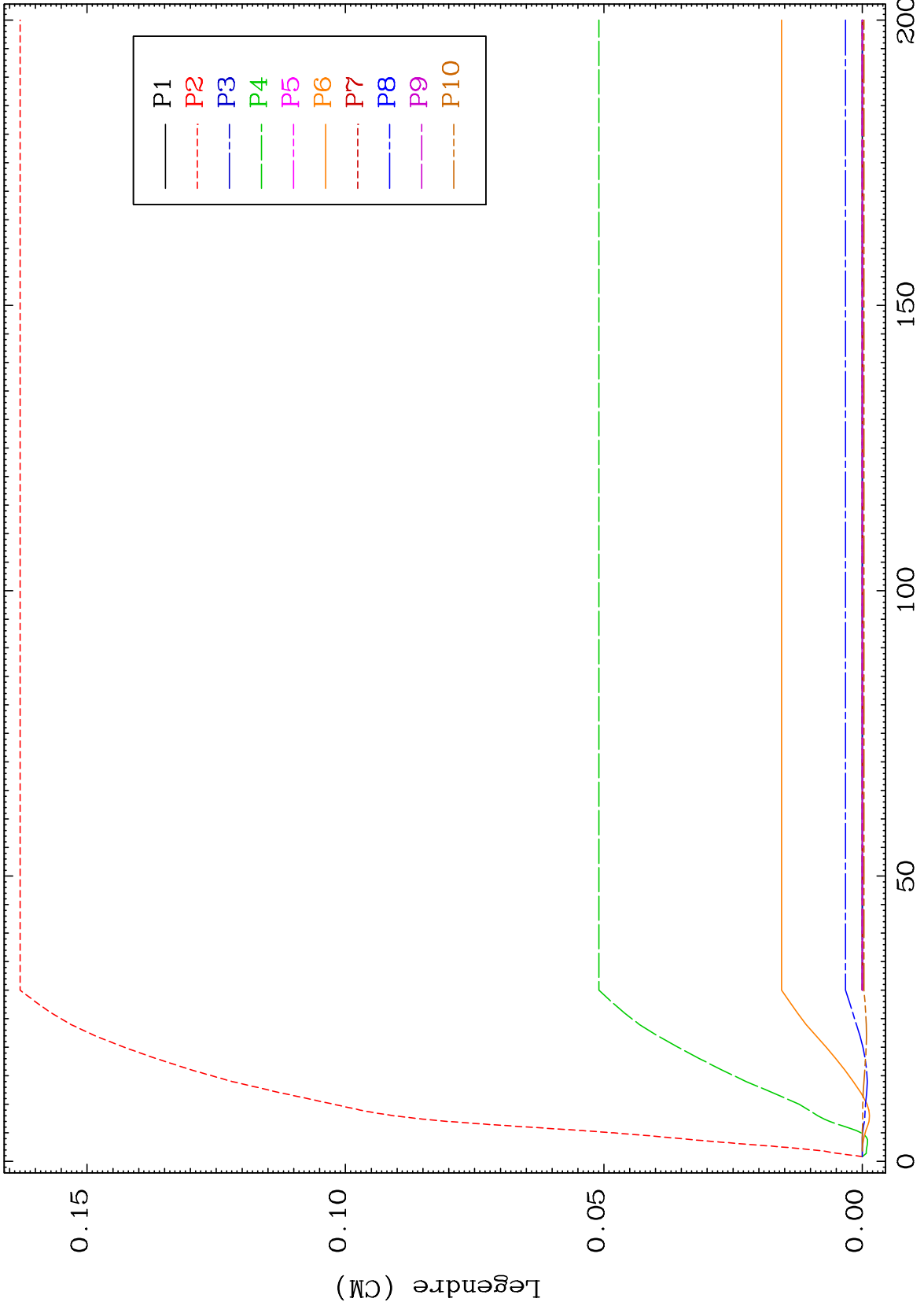
69-Tm-160

MAT 6898 MT= 64 (n,n') Level Legendre Coefficients 69-Tm-160



63 Incident Energy (MeV) 69-Tm-160

MAT 6898 MT= 65 (n,n') Level Legendre Coefficients 69-Tm-160

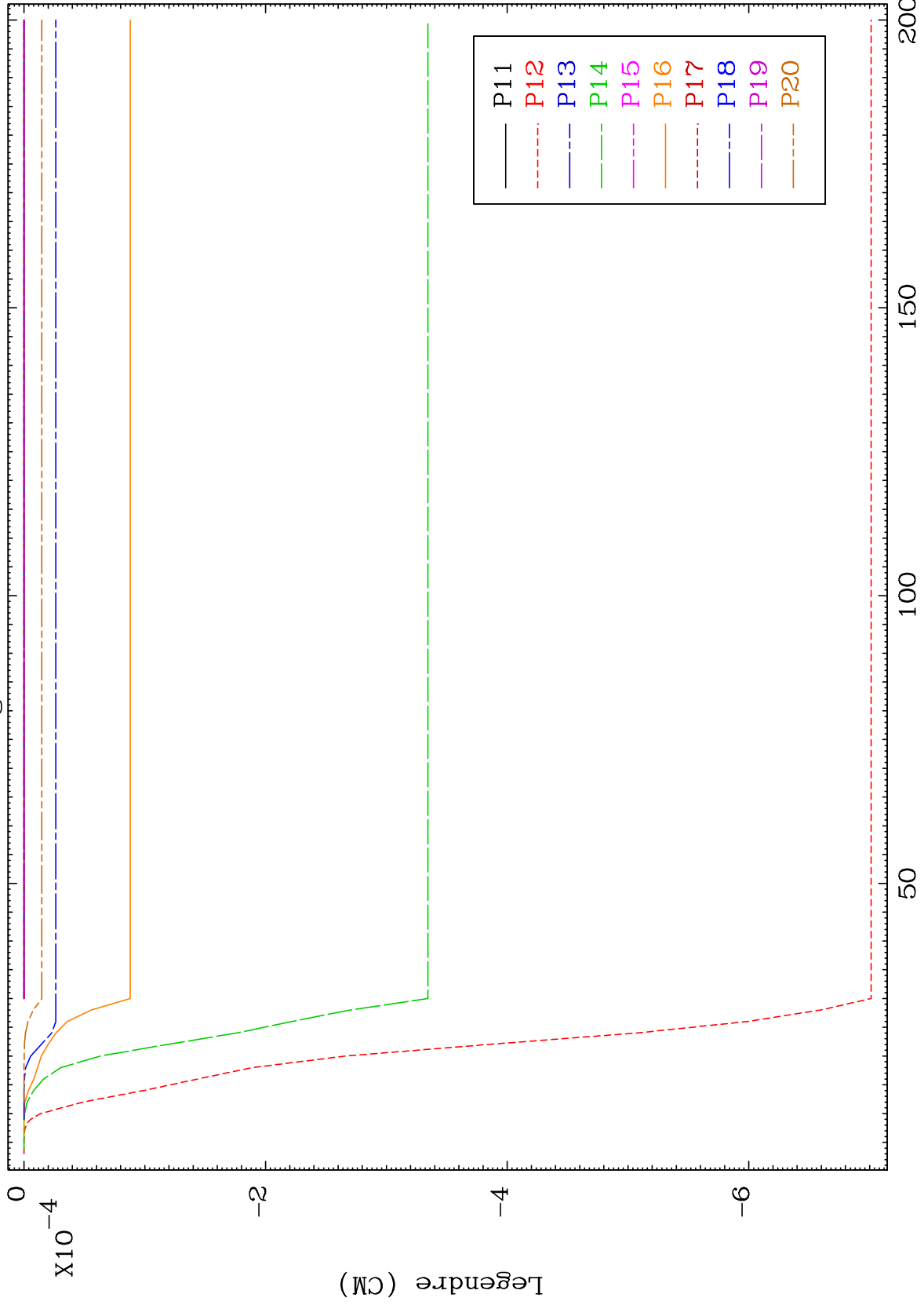


64 69-Tm-160

MAT 6898

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

69-Tm-160

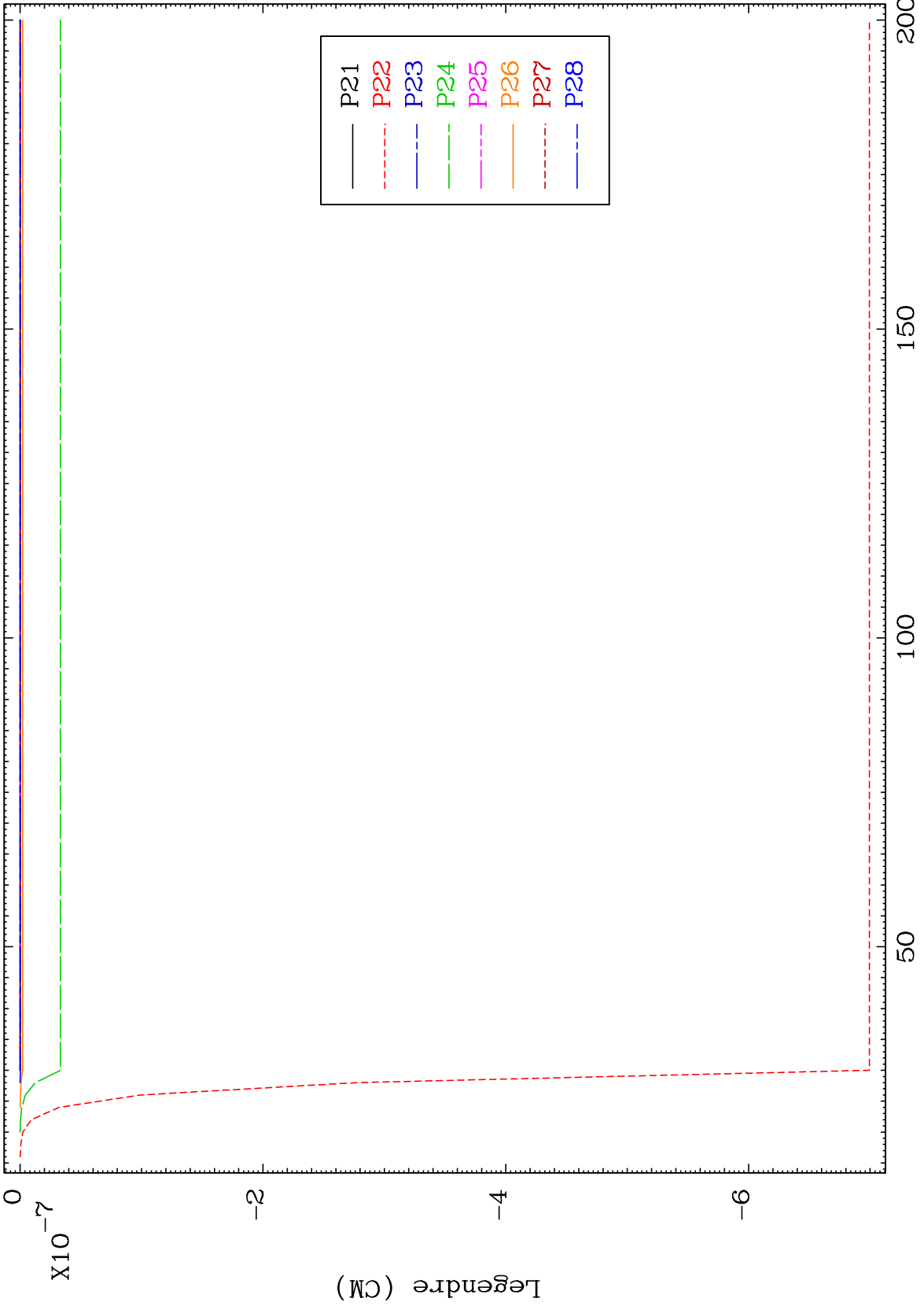


69-Tm-160

Incident Energy (MeV)

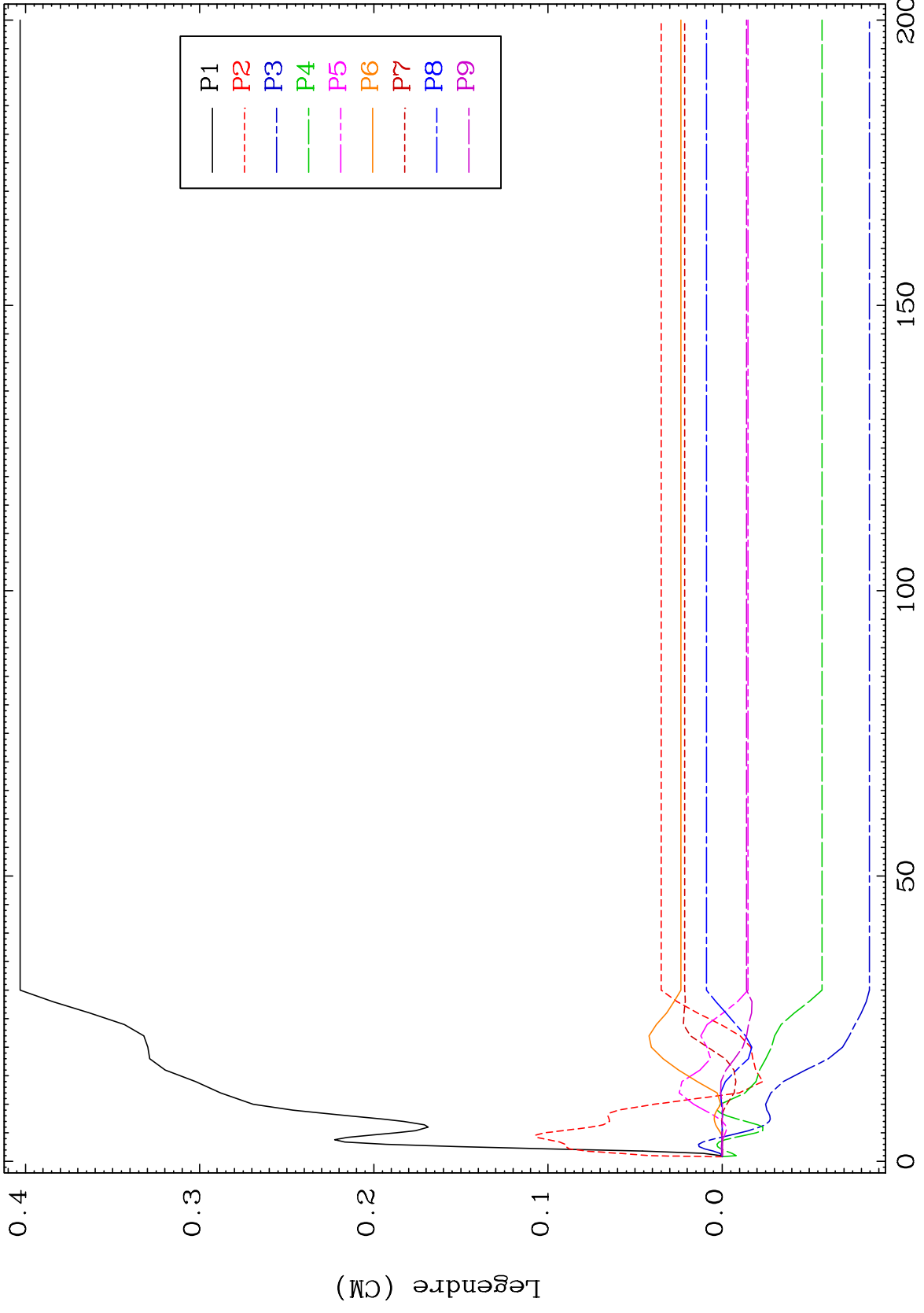
65

MAT 6898 MT= 65 (n,n') Level Legendre Coefficients 69-Tm-160



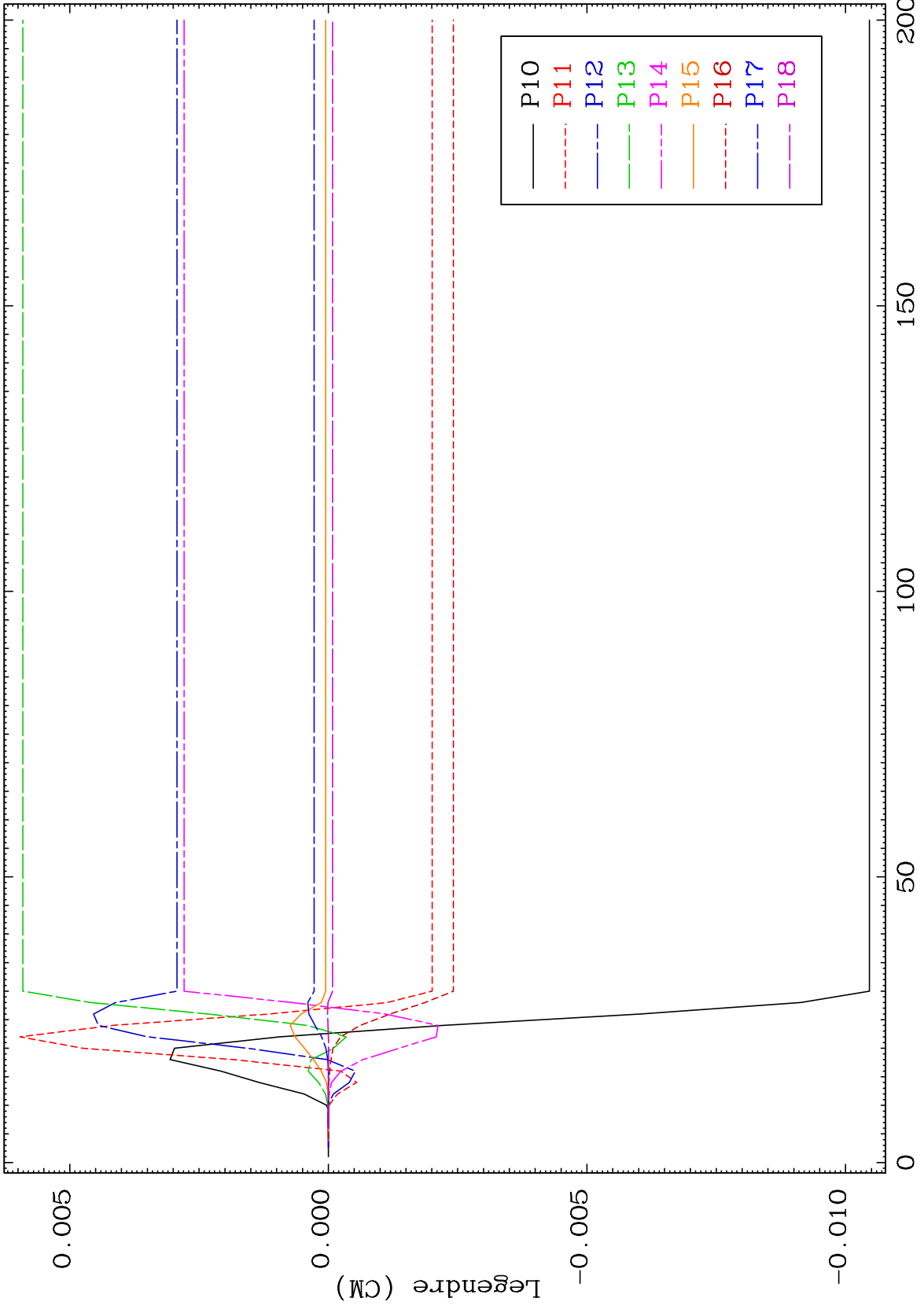
66 Incident Energy (MeV) 69-Tm-160

MAT 6898 MT= 66 (n,n') Level Legendre Coefficients 69-Tm-160



67 Incident Energy (MeV) 69-Tm-160

MAT 6898 MT= 66 (n,n') Level Legendre Coefficients 69-Tm-160

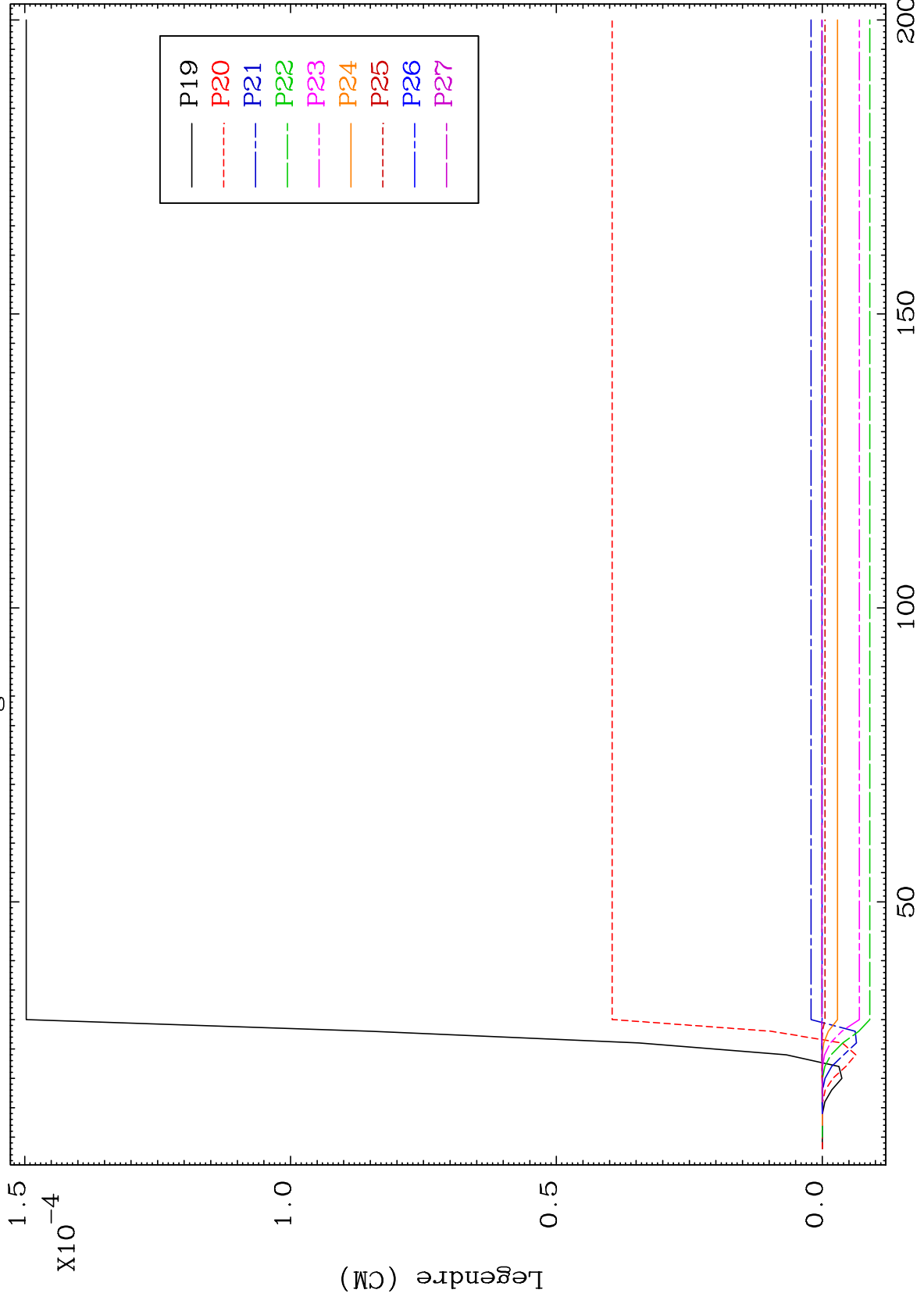


68 69-Tm-160 Incident Energy (MeV)

MAT 6898

MT= 66 (n,n') Level
Legendre Coefficients

69-Tm-160



69

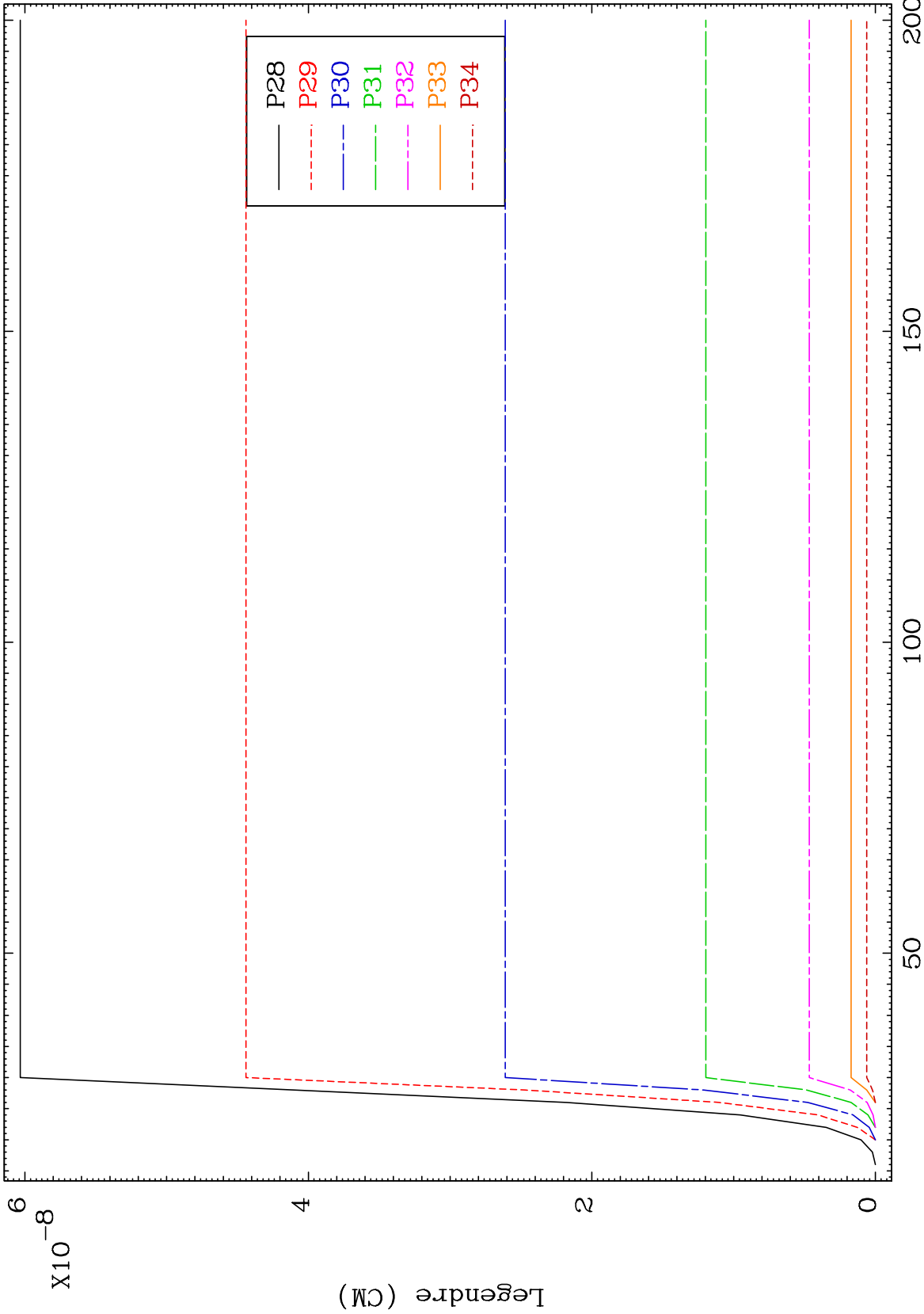
Incident Energy (MeV)

69-Tm-160

MAT 6898

MT= 66 (n,n') Level
Legendre Coefficients

69-Tm-160

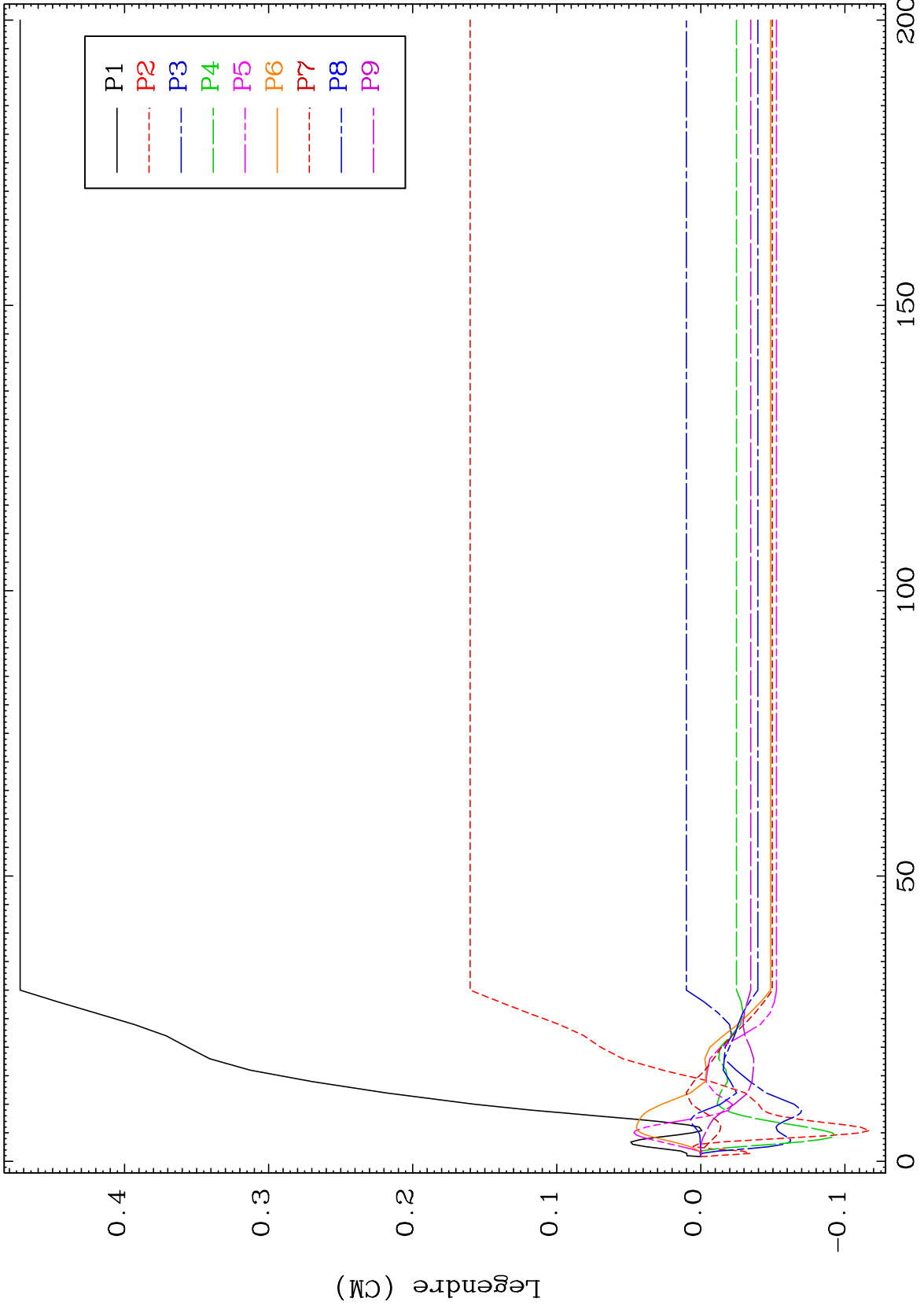


70

Incident Energy (MeV)

69-Tm-160

MAT 6898 MT= 67 (n,n') Level Legendre Coefficients 69-Tm-160

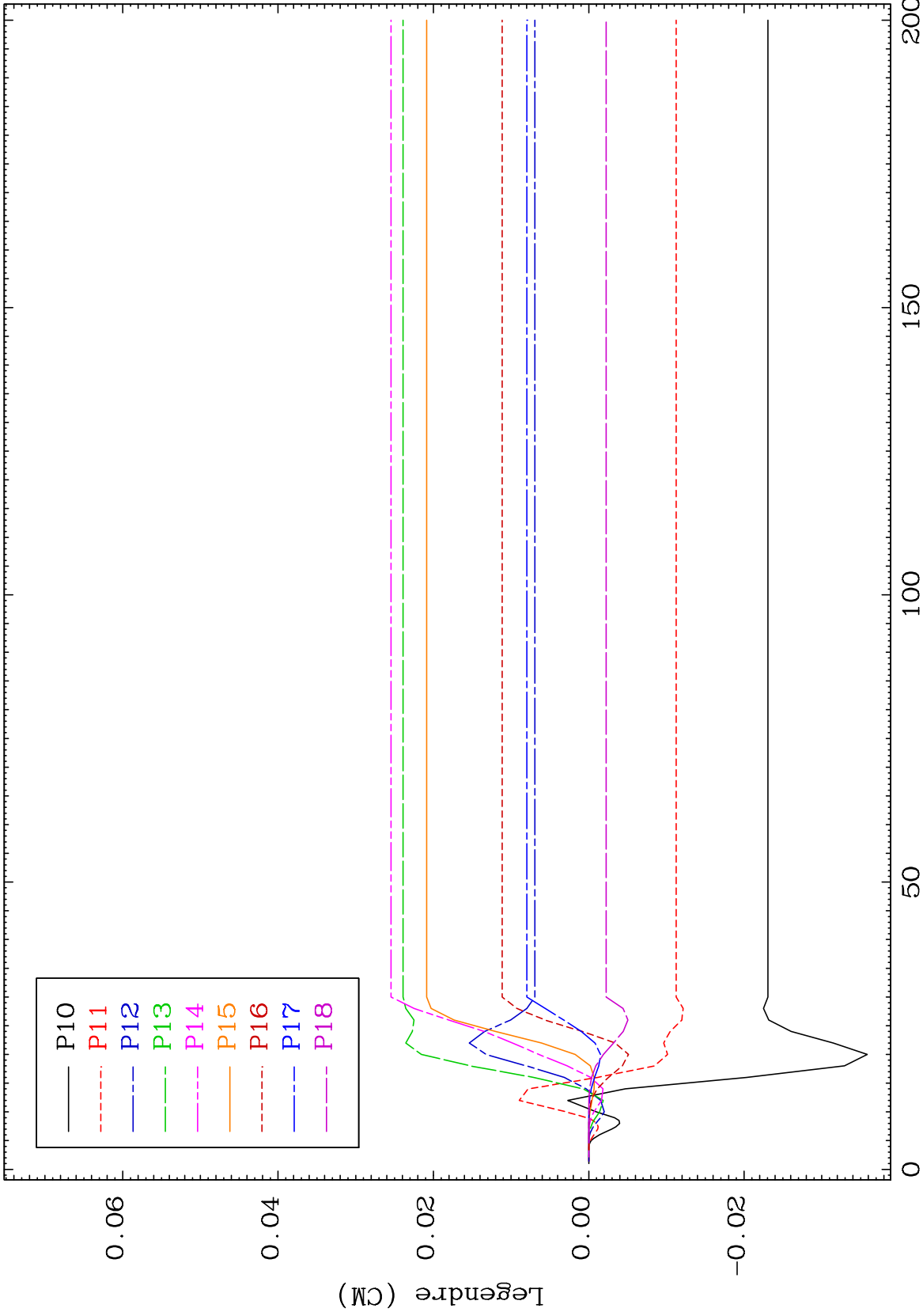


71 69-Tm-160

MAT 6898

MT= 67 (n,n') Level
Legendre Coefficients

69-Tm-160



72

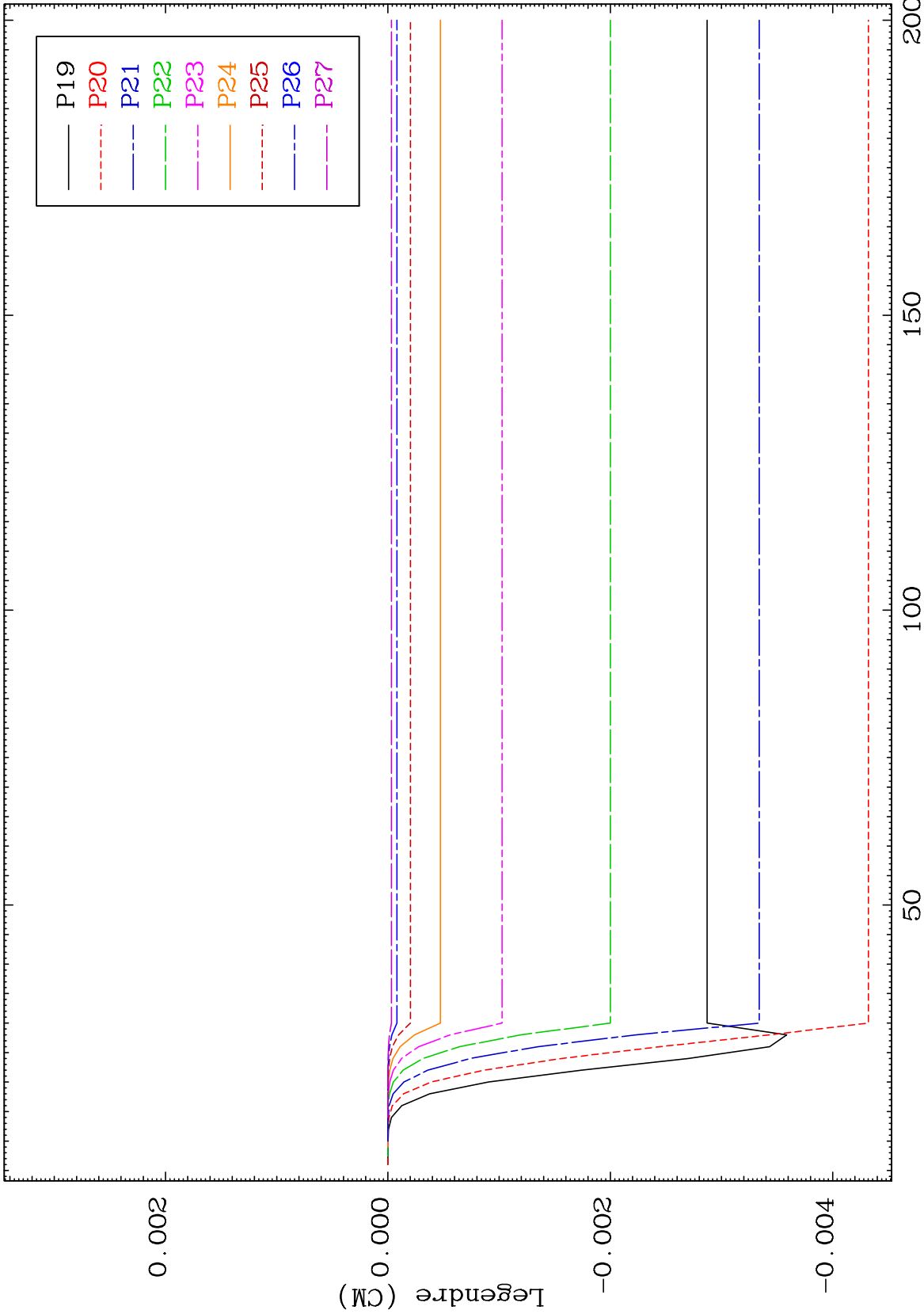
Incident Energy (MeV)

69-Tm-160

MAT 6898

MT= 67 (n,n') Level
Legendre Coefficients

69-Tm-160



73

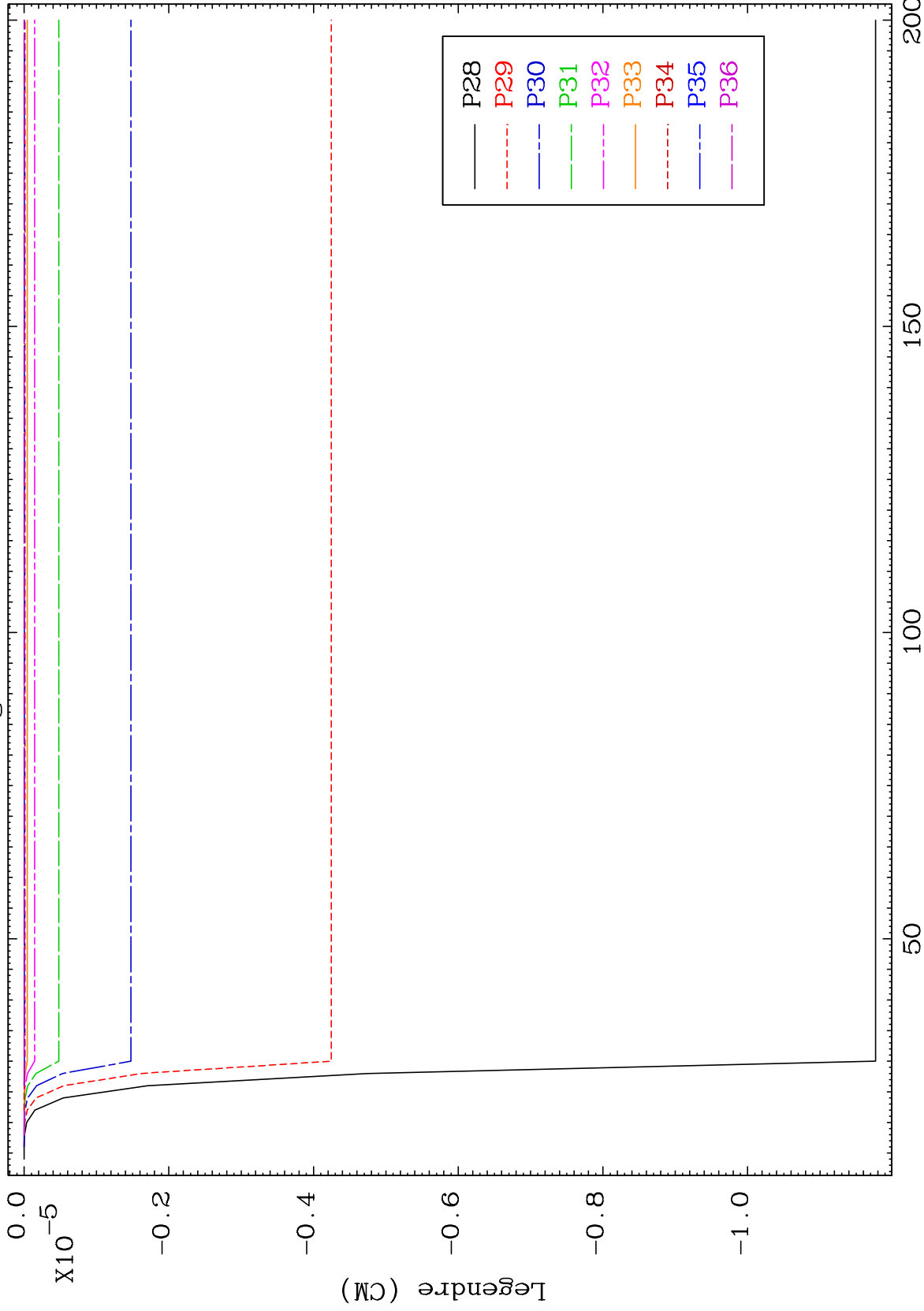
Incident Energy (MeV)

69-Tm-160

MAT 6898

MT= 67 (n,n') Level
Legendre Coefficients

69-Tm-160

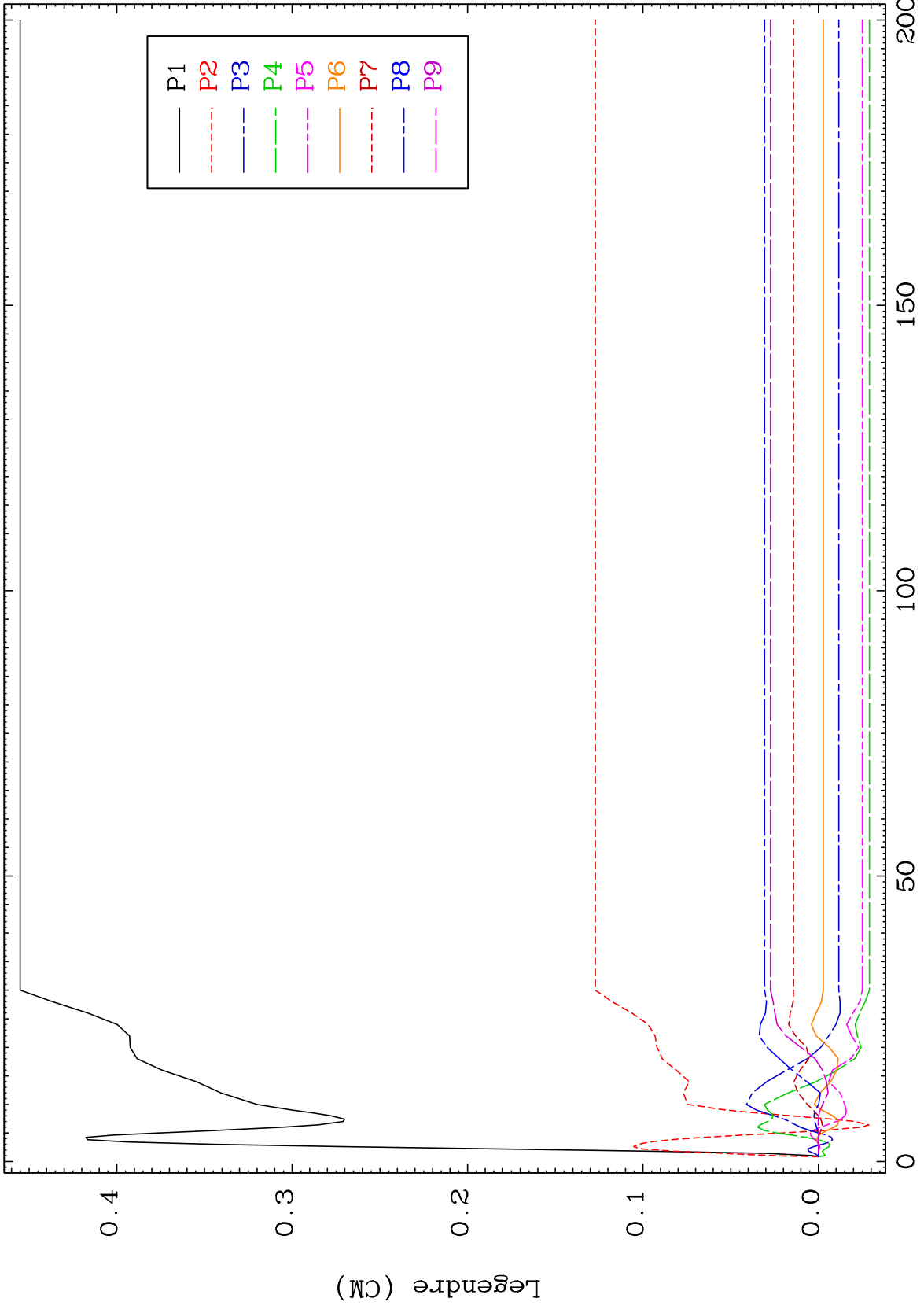


74

Incident Energy (MeV)

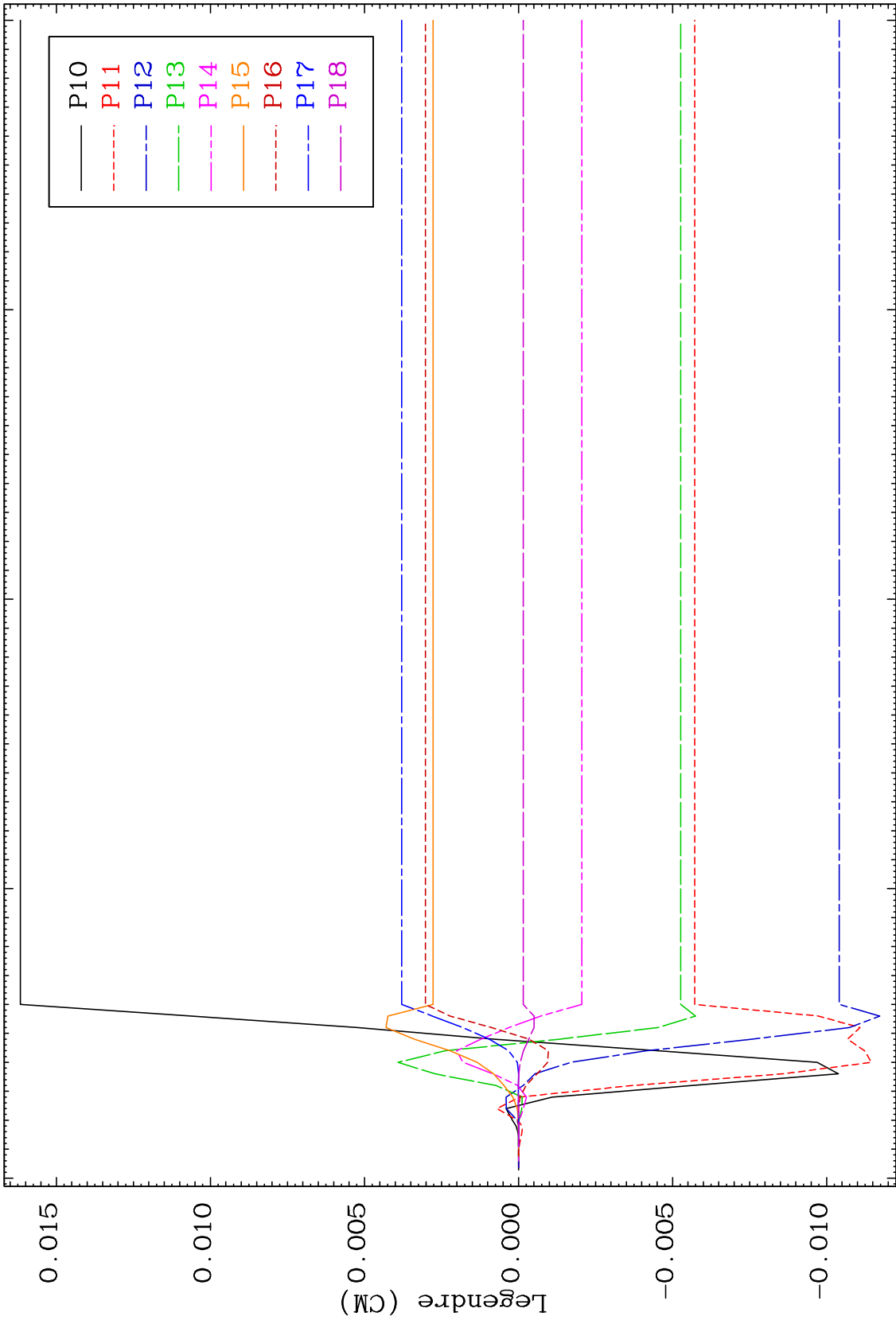
69-Tm-160

MAT 6898 MT= 68 (n,n') Level Legendre Coefficients 69-Tm-160



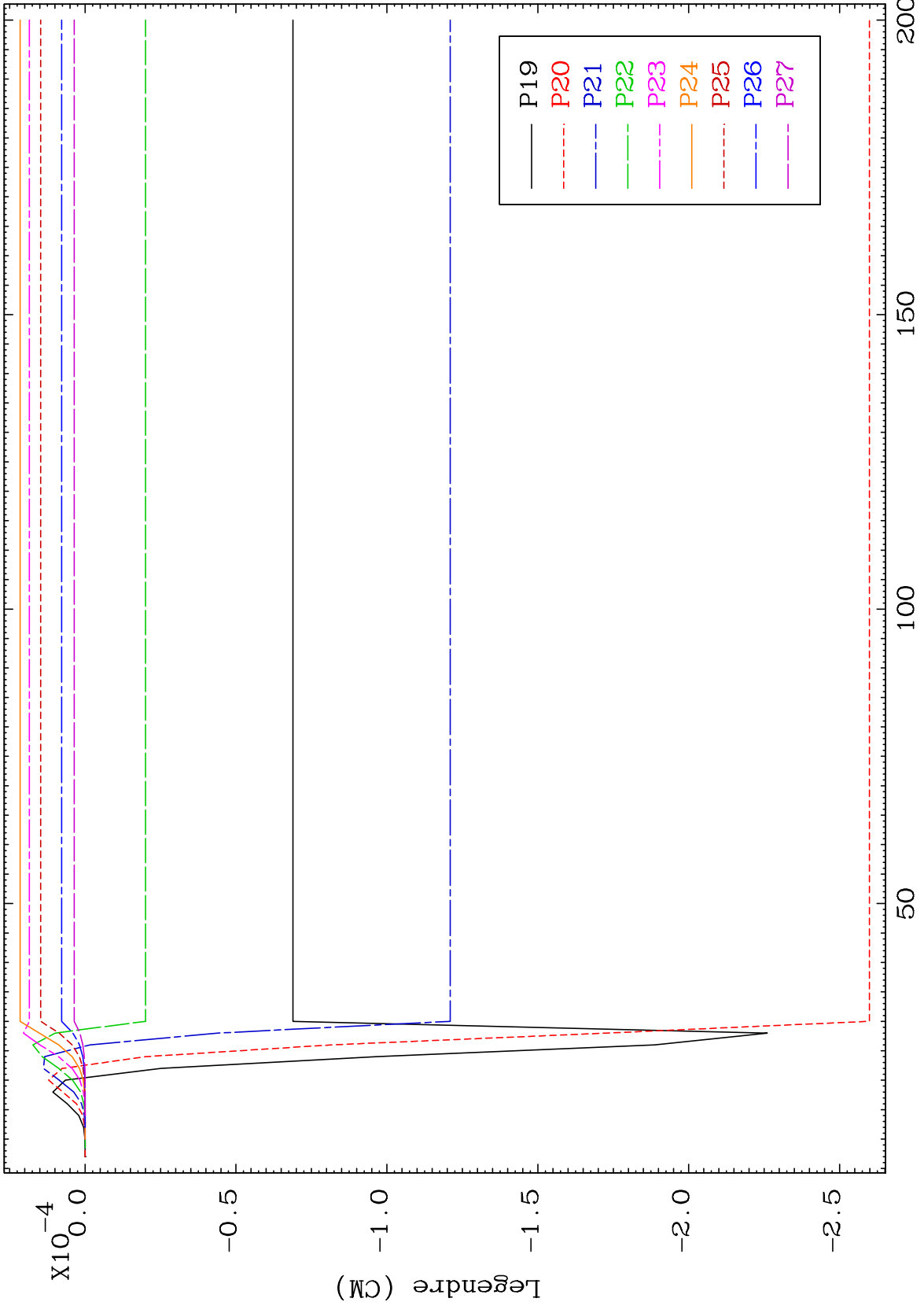
75 Incident Energy (MeV) 69-Tm-160

MAT 6898 MT= 68 (n,n') Level Legendre Coefficients 69-Tm-160



76 Incident Energy (MeV) 69-Tm-160

MAT 6898 MT= 68 (n,n') Level Legendre Coefficients 69-Tm-160

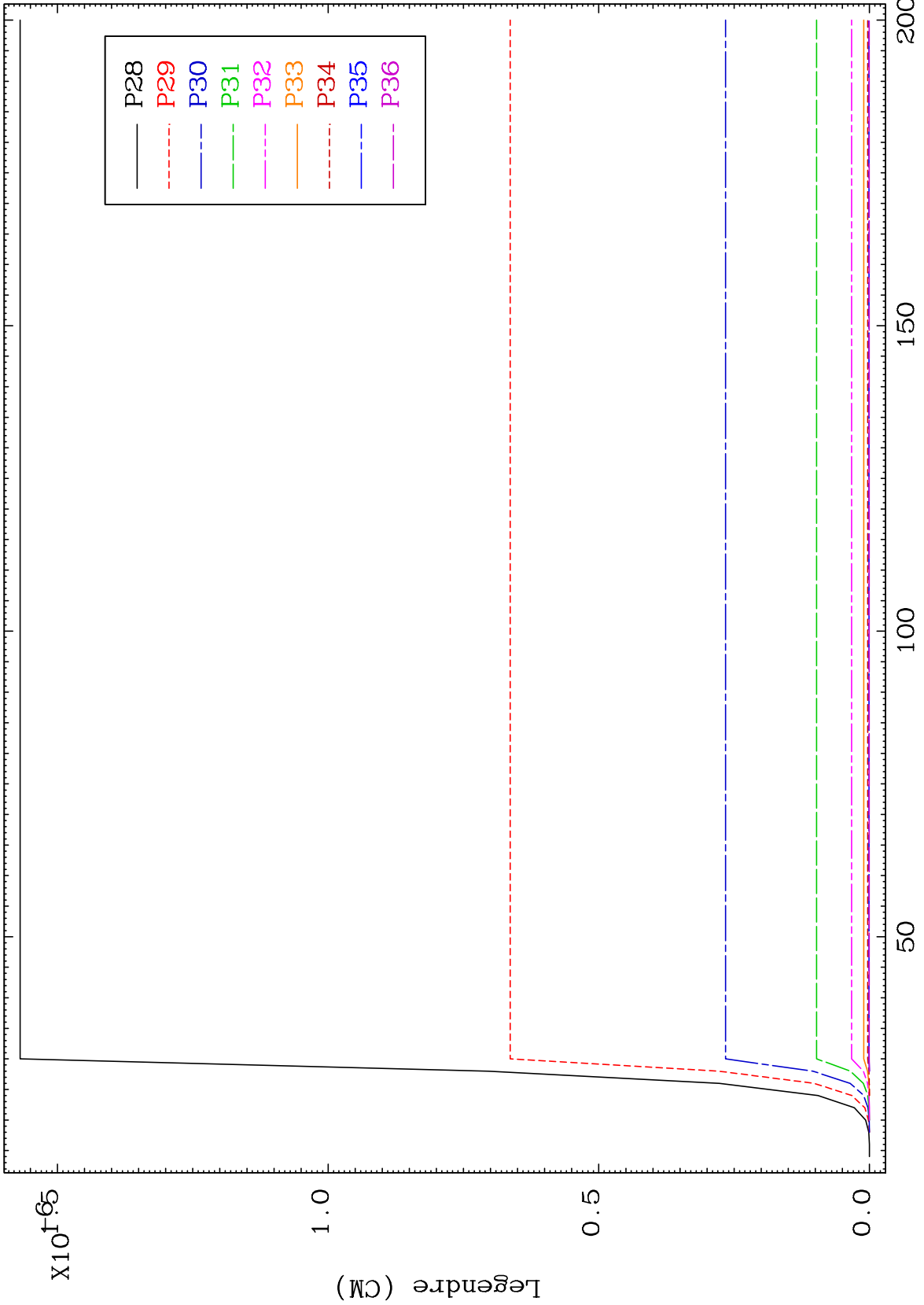


77 69-Tm-160

MAT 6898

MT= 68 (n,n') Level
Legendre Coefficients

69-Tm-160

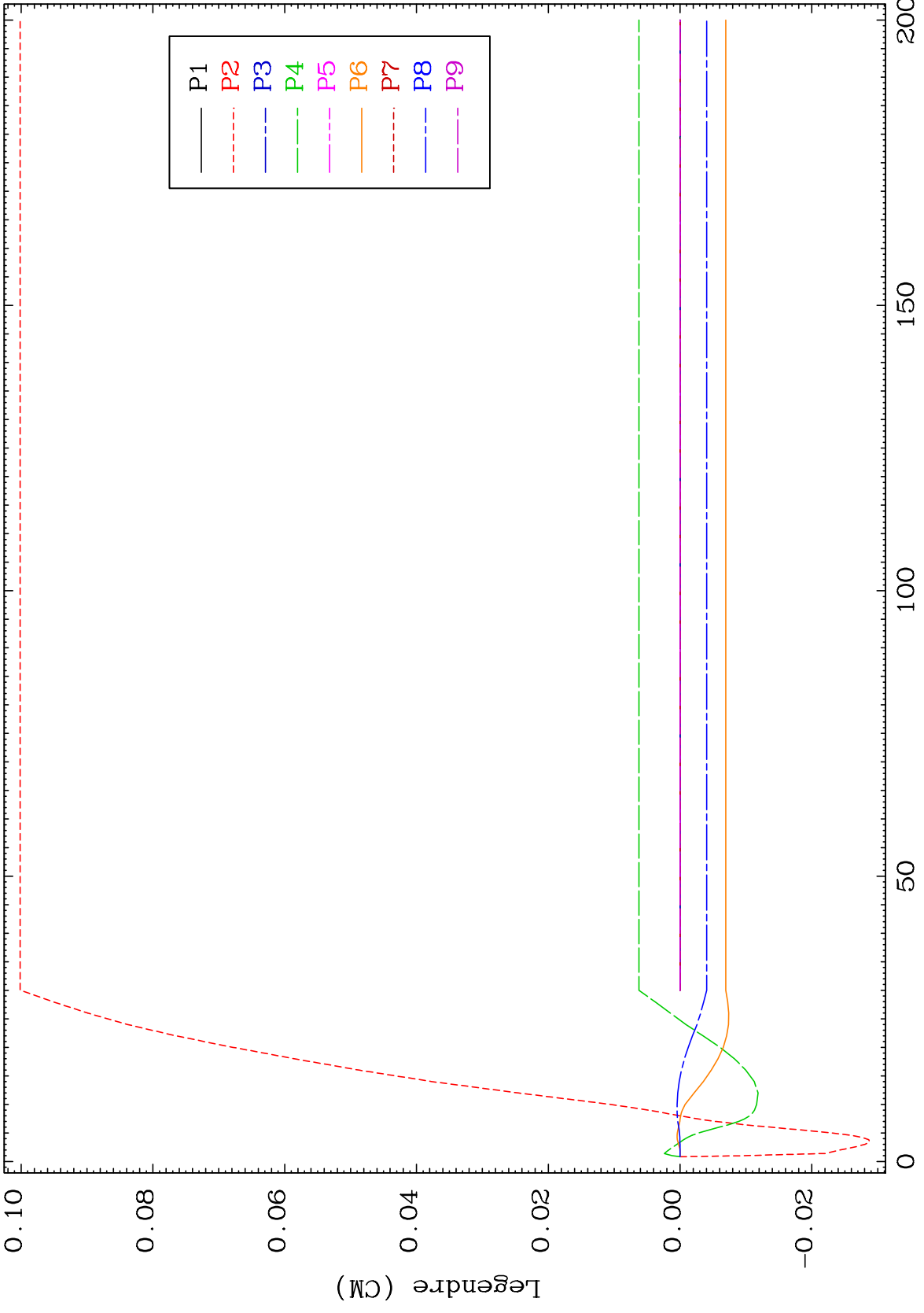


78

Incident Energy (MeV)

69-Tm-160

MAT 6898 MT= 69 (n,n') Level Legendre Coefficients 69-Tm-160

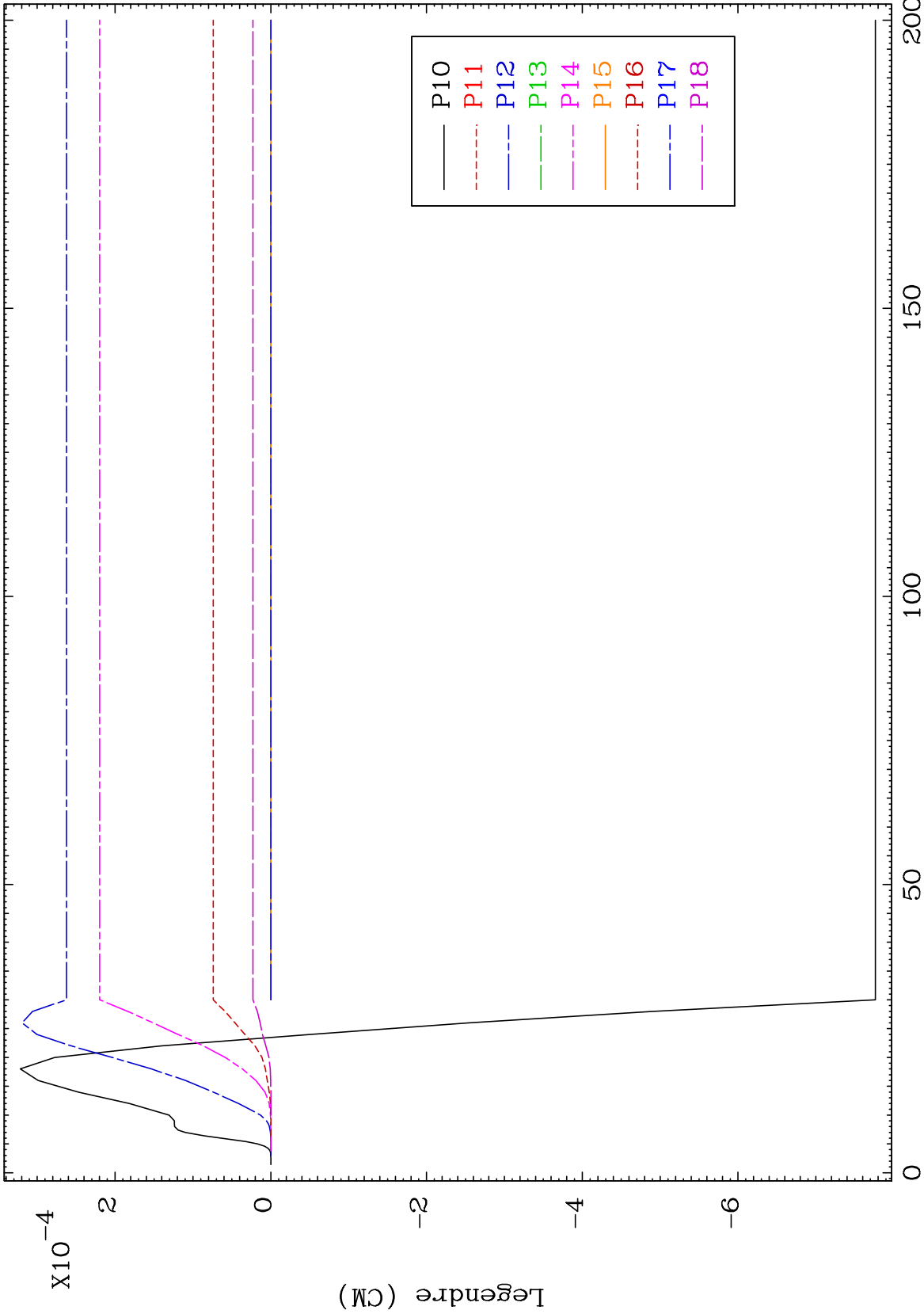


79 69-Tm-160

MAT 6898

MT= 69 (n,n') Level
Legendre Coefficients

69-Tm-160

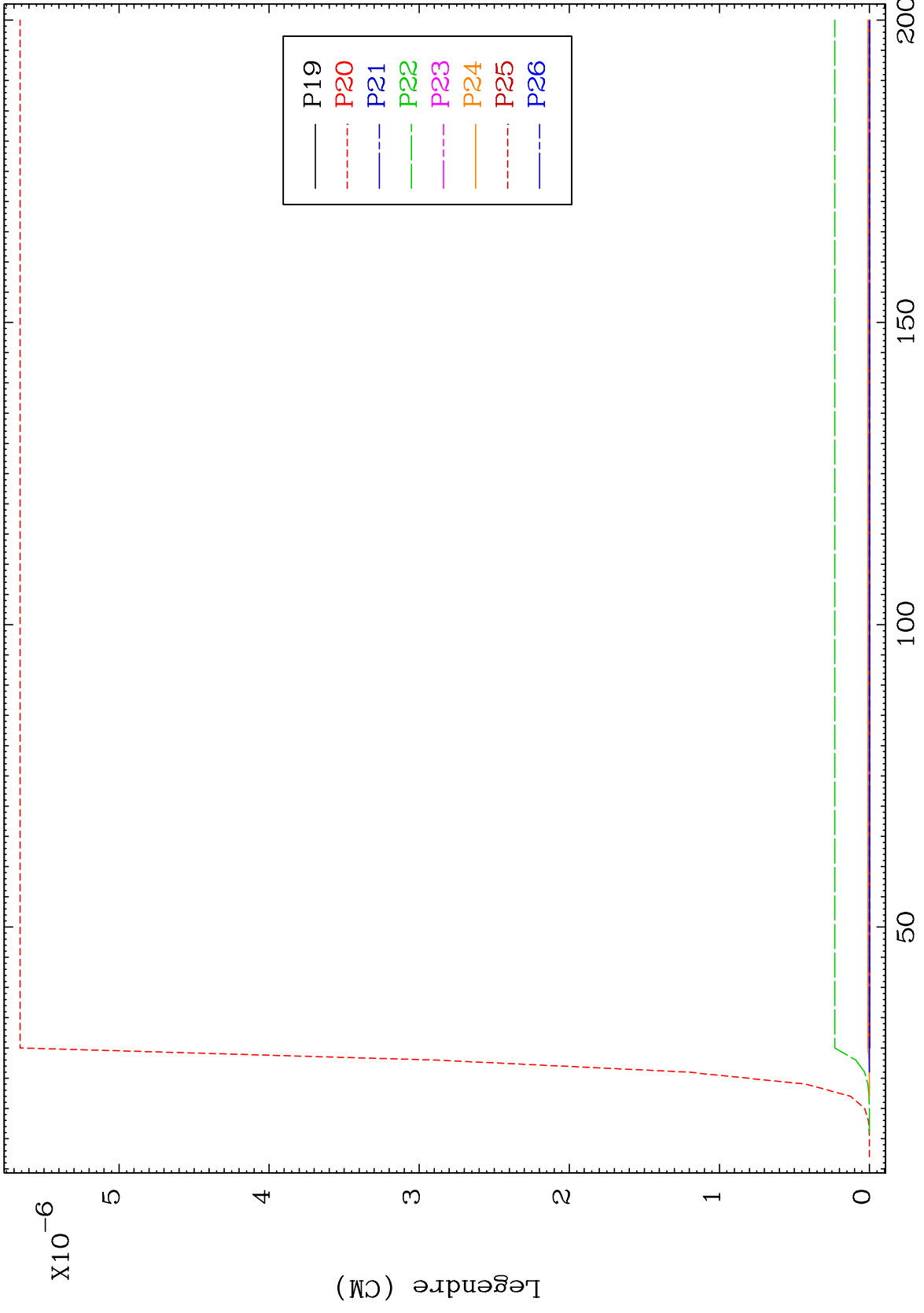


80

Incident Energy (MeV)

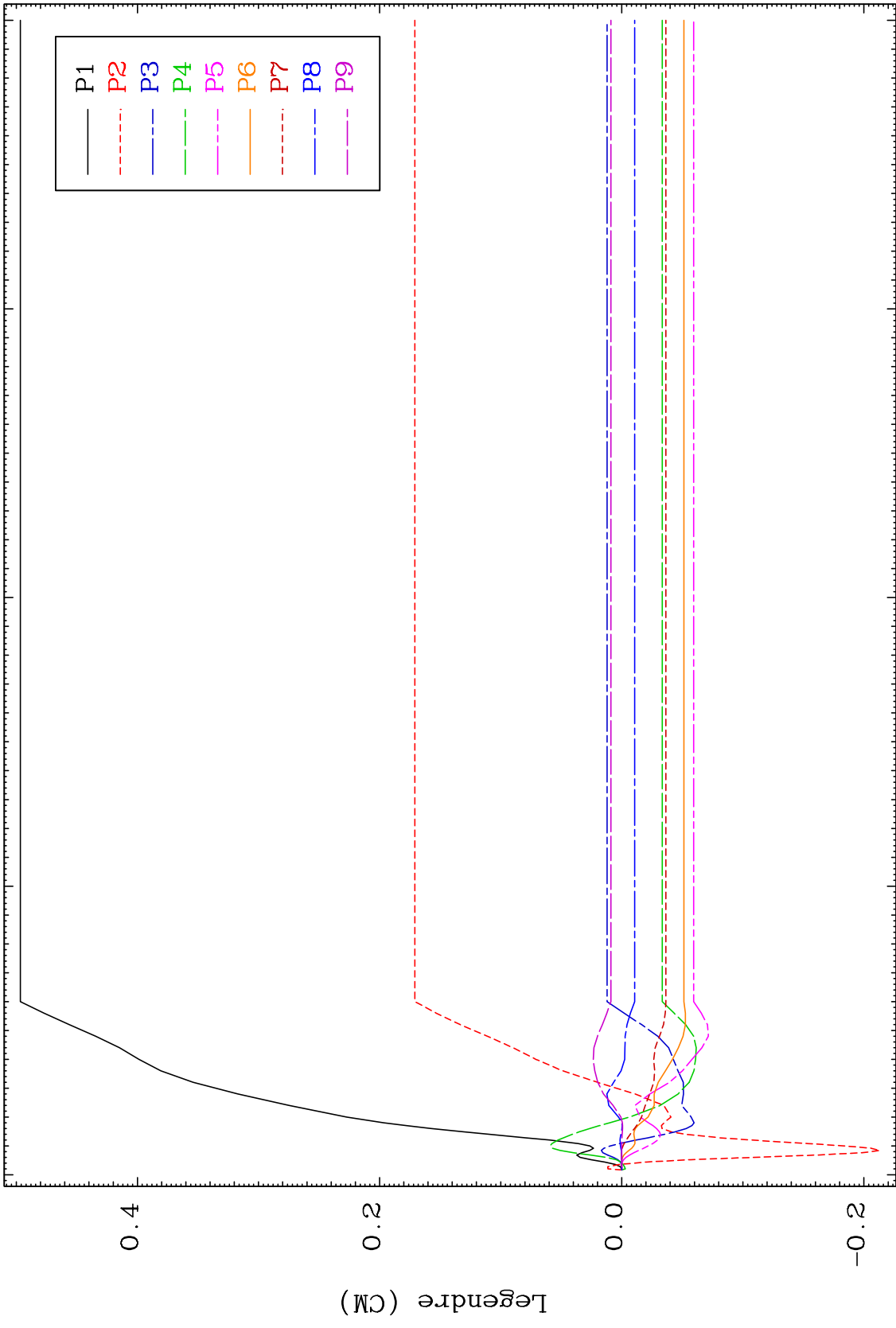
69-Tm-160

MAT 6898 MT= 69 (n,n') Level Legendre Coefficients 69-Tm-160



81 Incident Energy (MeV) 69-Tm-160

MAT 6898 MT= 70 (n,n') Level Legendre Coefficients 69-Tm-160

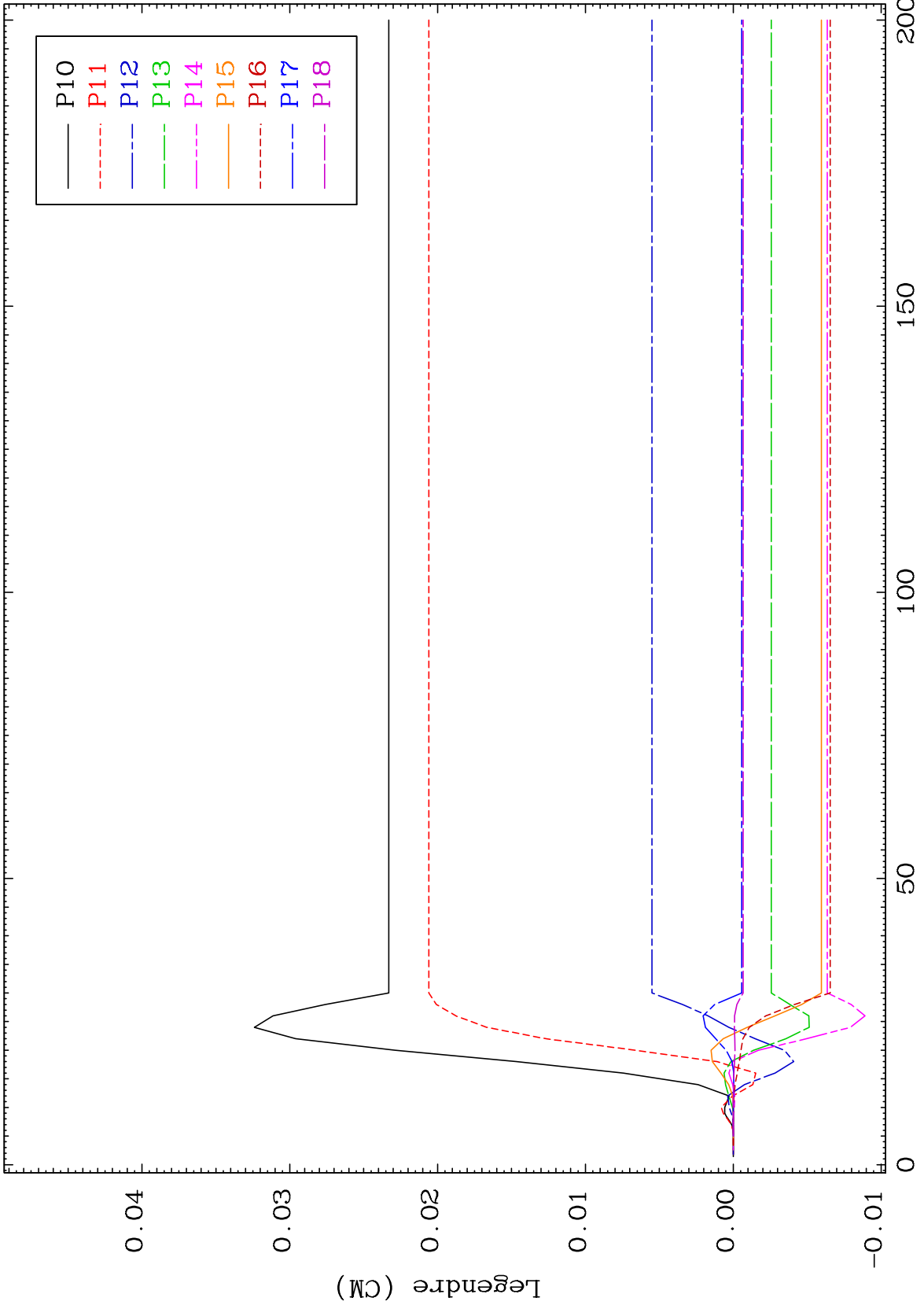


82 69-Tm-160

MAT 6898

MT= 70 (n,n') Level
Legendre Coefficients

69-Tm-160



83

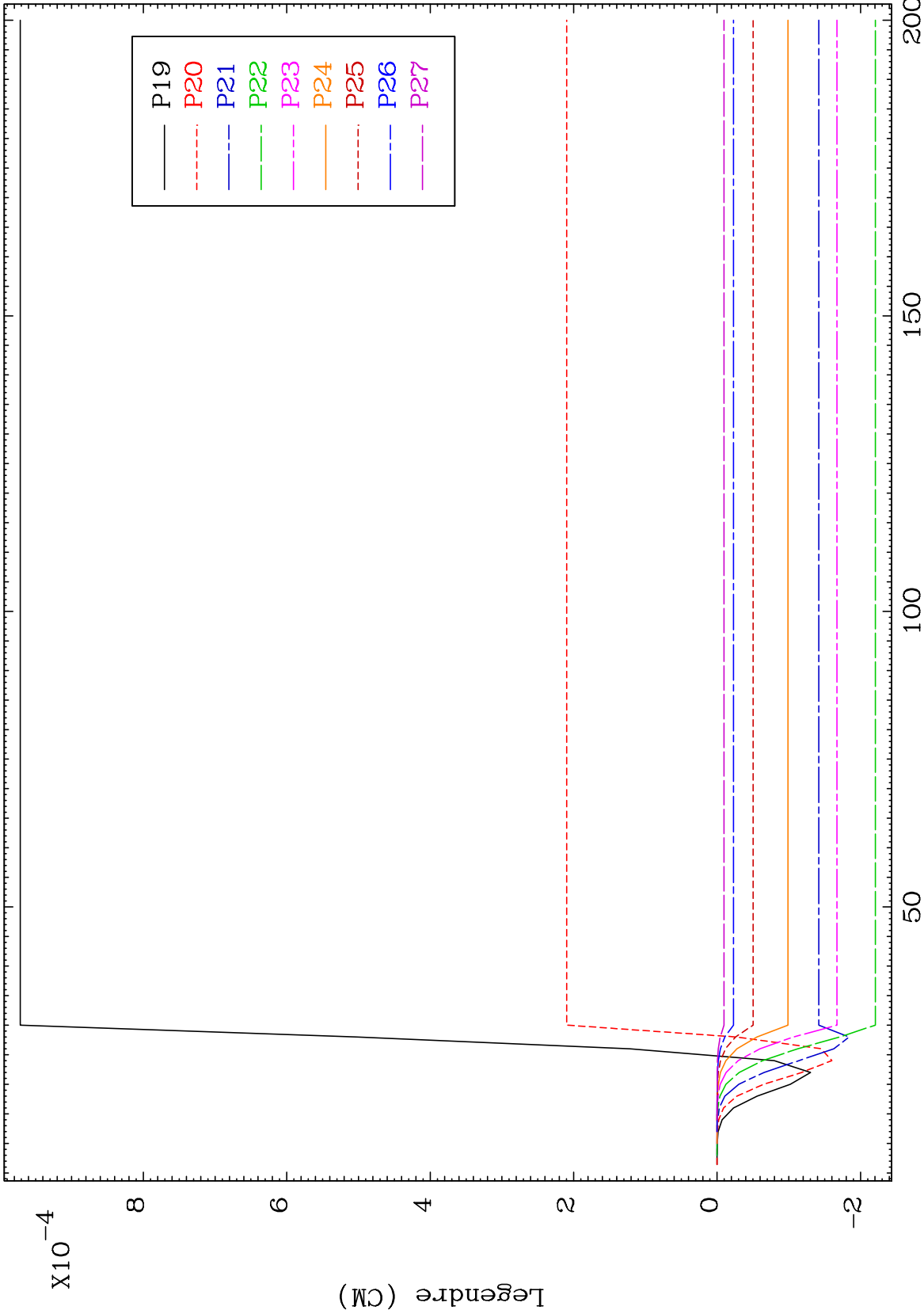
Incident Energy (MeV)

69-Tm-160

MAT 6898

MT= 70 (n,n') Level
Legendre Coefficients

69-Tm-160

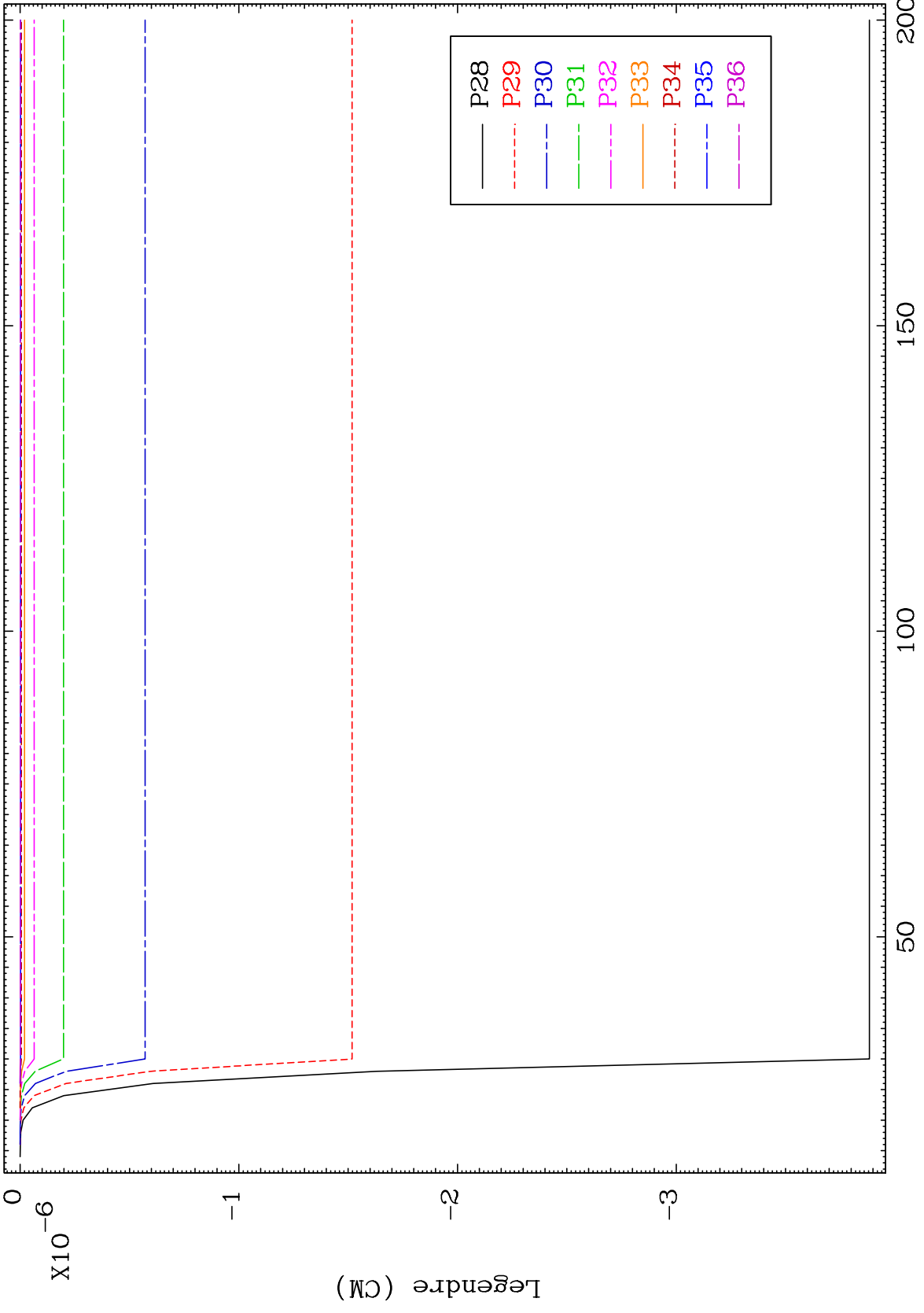


84

Incident Energy (MeV)

69-Tm-160

MAT 6898 MT= 70 (n,n') Level Legendre Coefficients 69-Tm-160

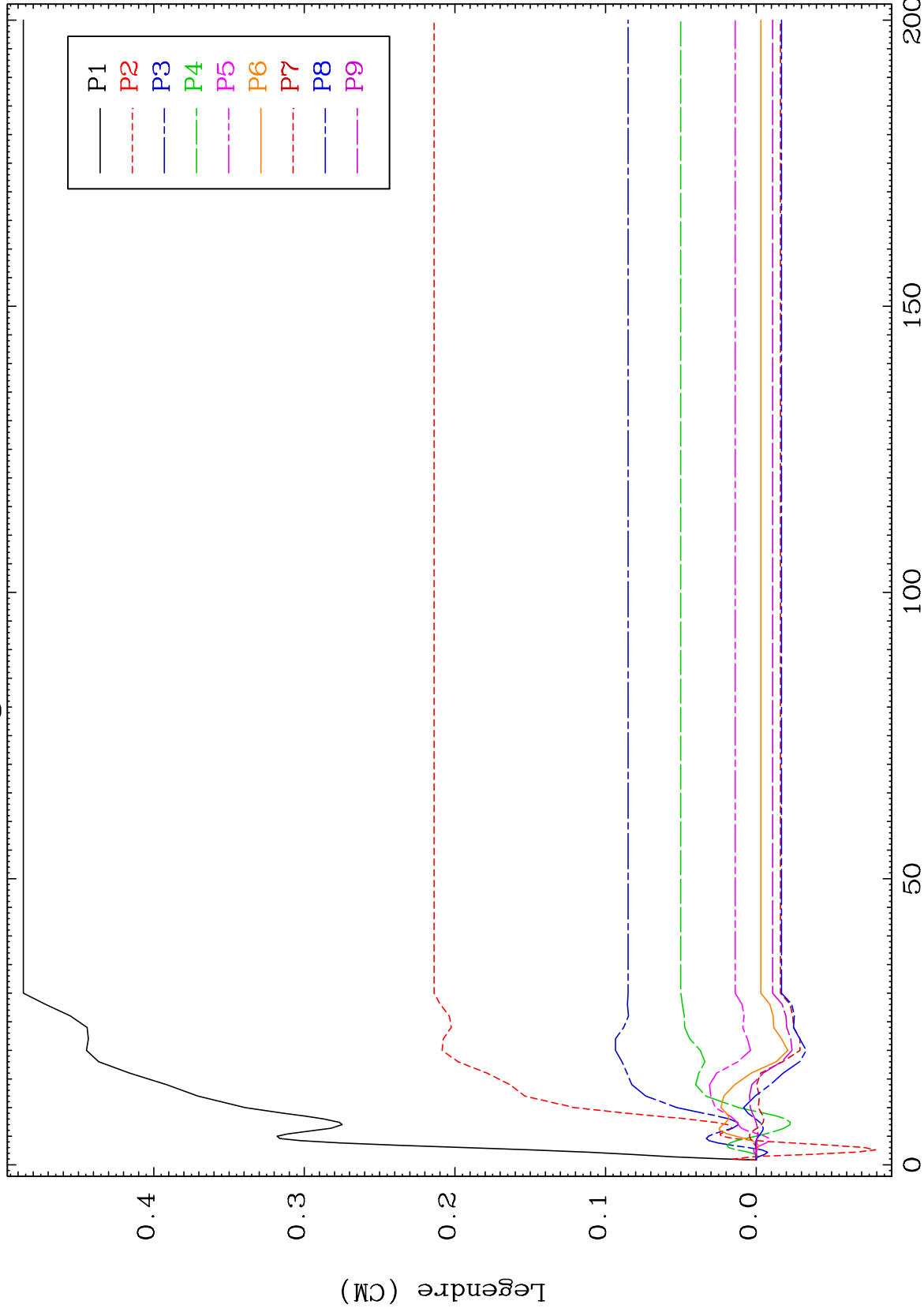


85 Incident Energy (MeV) 69-Tm-160

MAT 6898

MT= 71 (n,n') Level
Legendre Coefficients

69-Tm-160

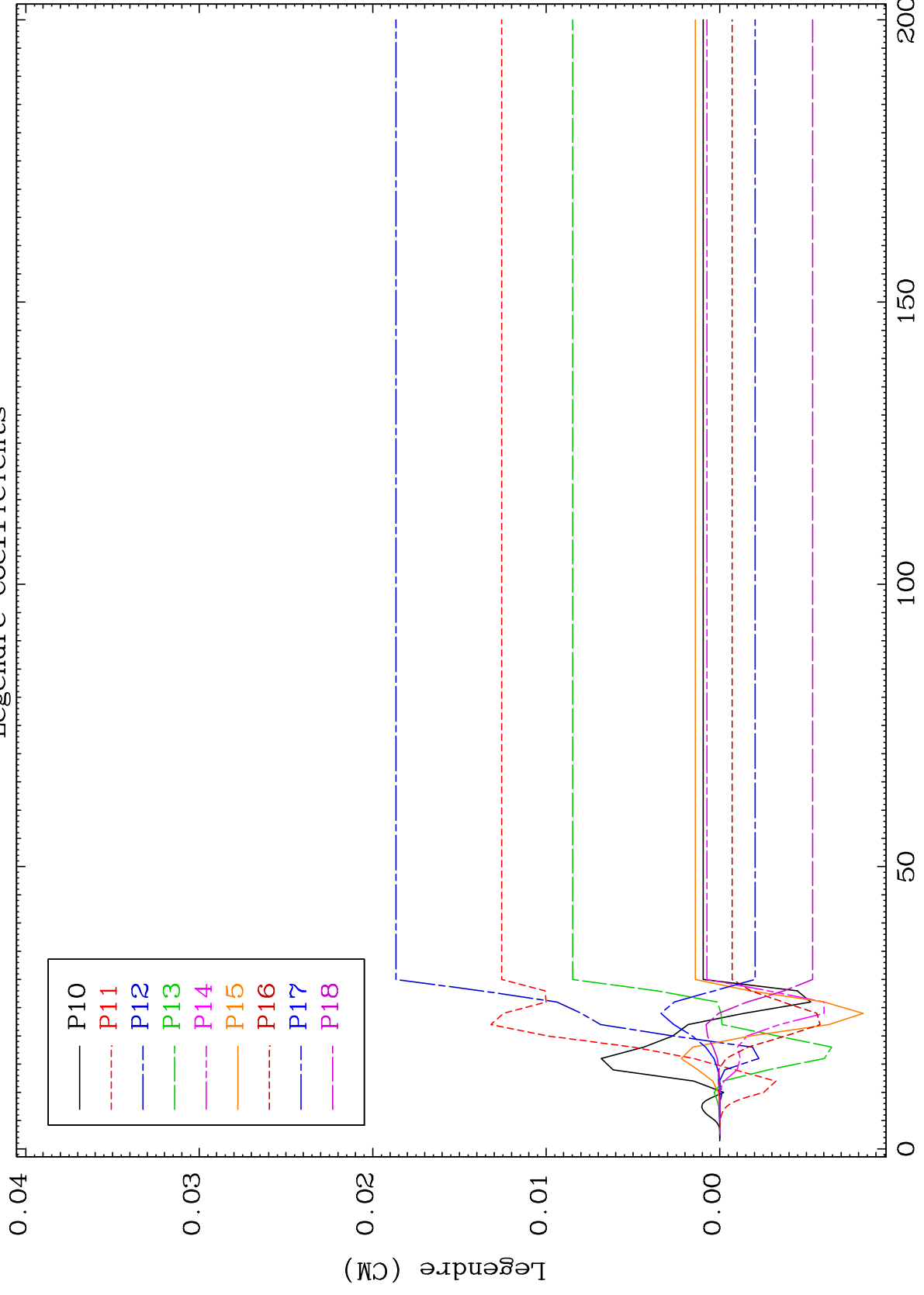


86

Incident Energy (MeV)

69-Tm-160

MAT 6898 MT= 71 (n,n') Level Legendre Coefficients 69-Tm-160

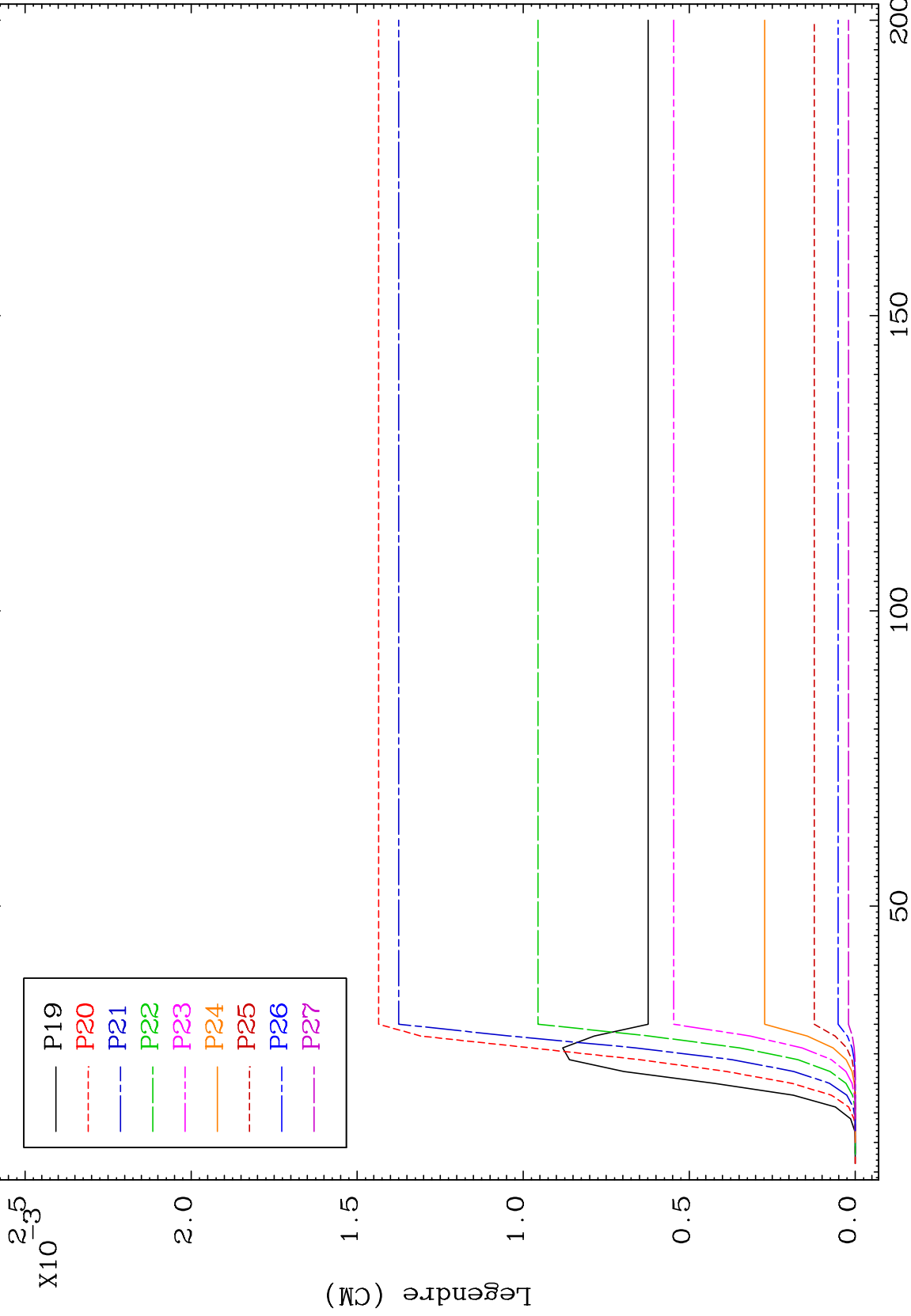


87 Incident Energy (MeV) 69-Tm-160

MAT 6898

MT= 71 (n,n') Level
Legendre Coefficients

69-Tm-160



88

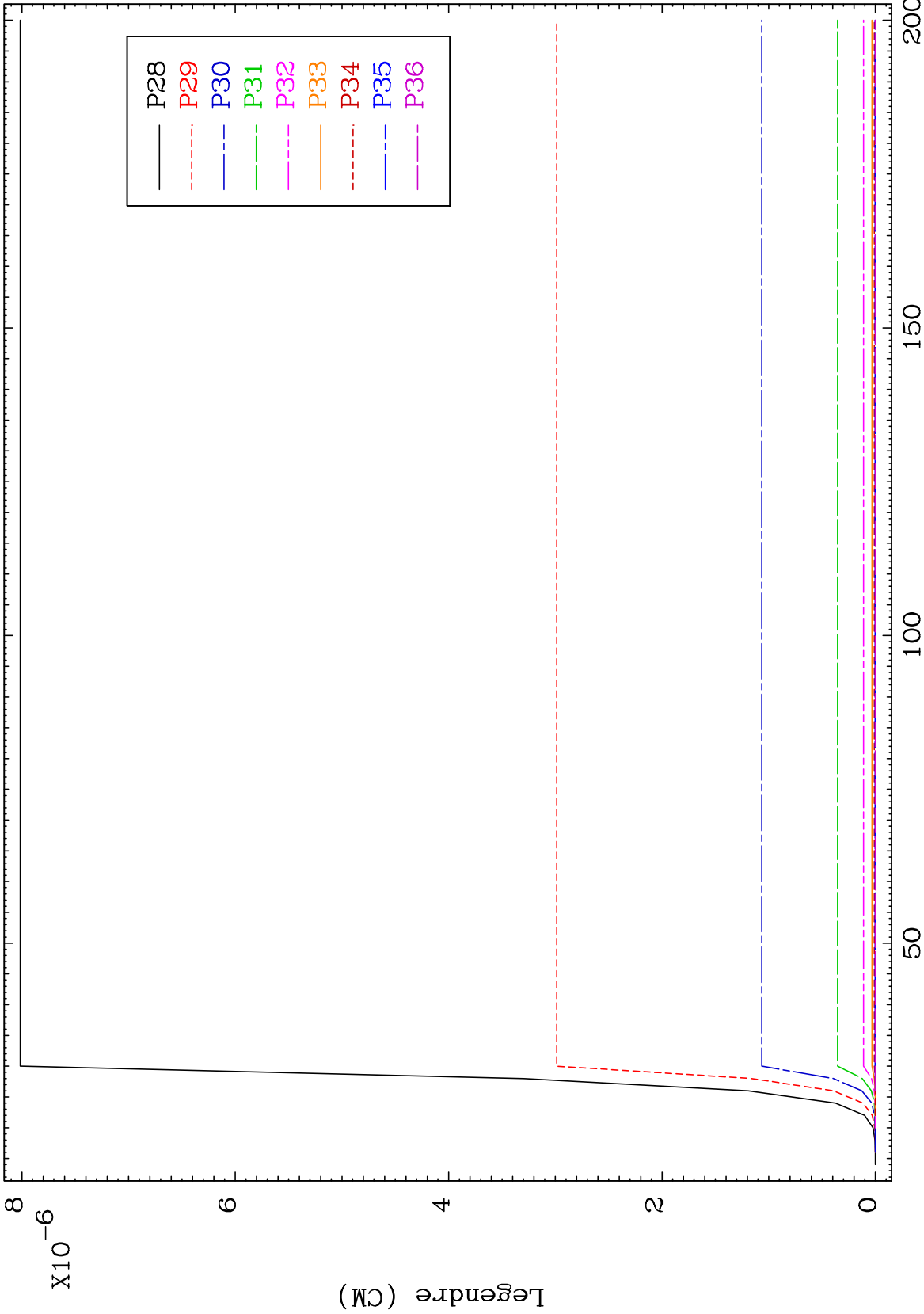
Incident Energy (MeV)

69-Tm-160

MAT 6898

MT= 71 (n,n') Level
Legendre Coefficients

69-Tm-160



89

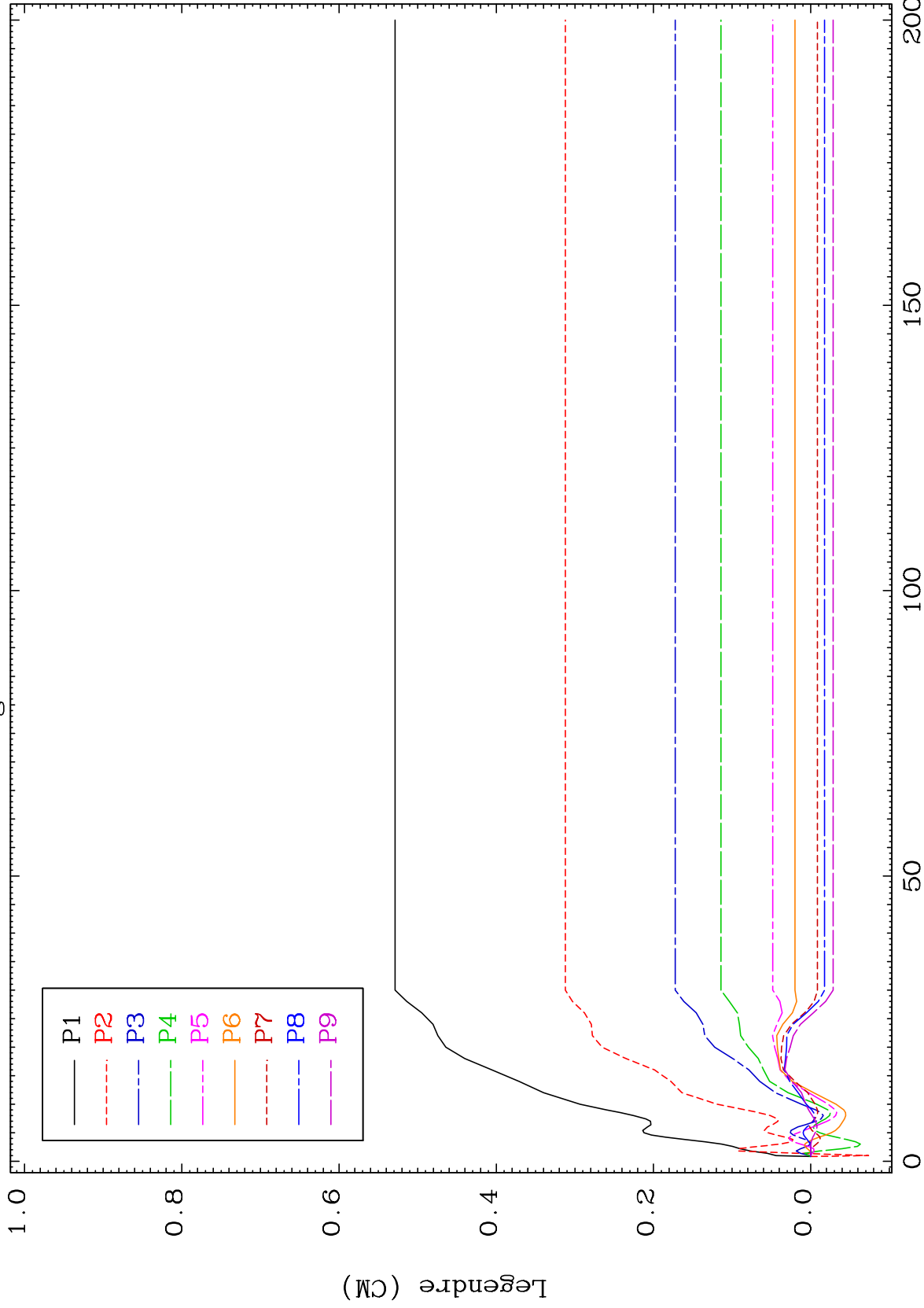
Incident Energy (MeV)

69-Tm-160

MAT 6898

MT= 72 (n,n') Level
Legendre Coefficients

69-Tm-160



90

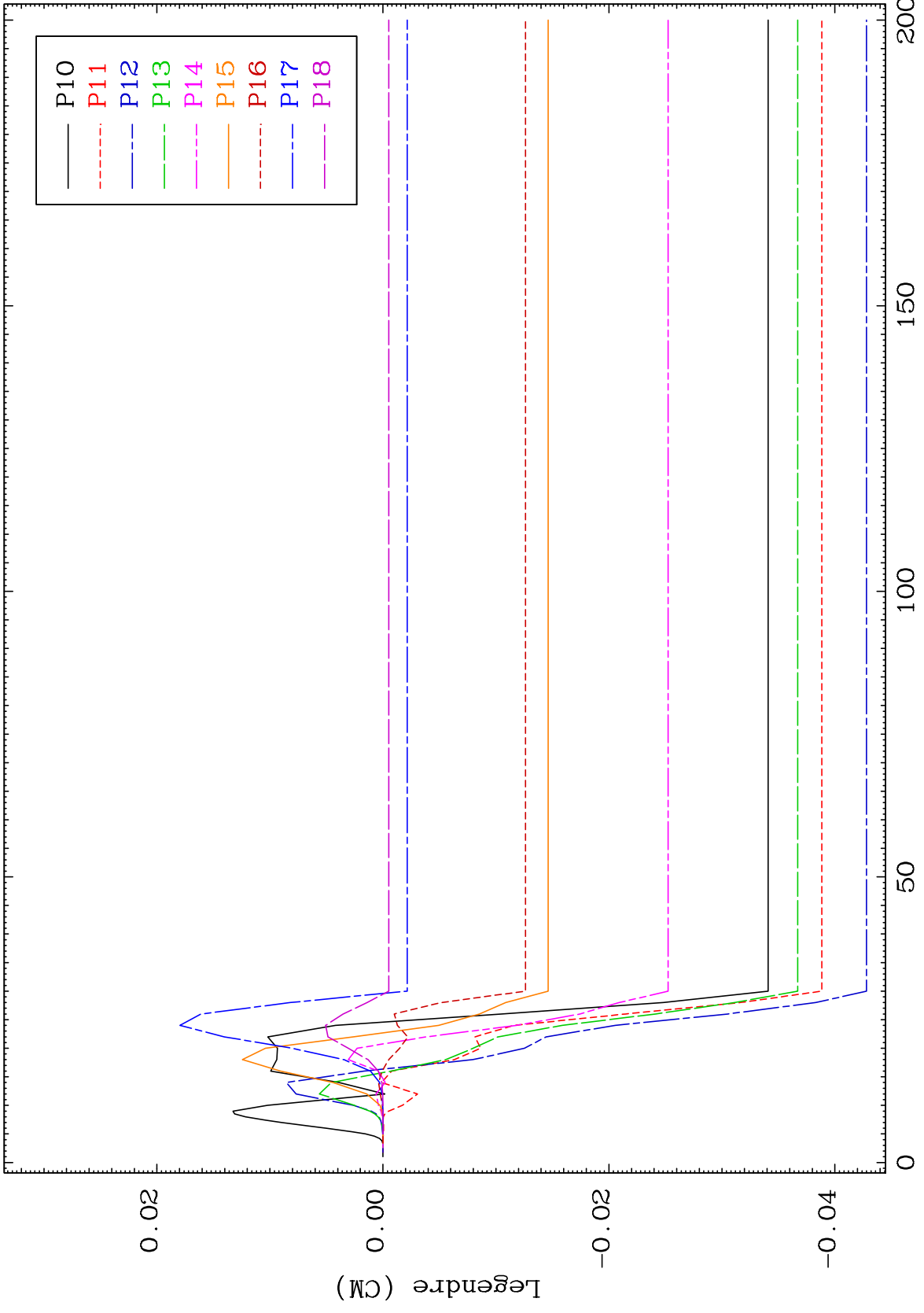
Incident Energy (MeV)

69-Tm-160

MAT 6898

MT= 72 (n,n') Level
Legendre Coefficients

69-Tm-160



91

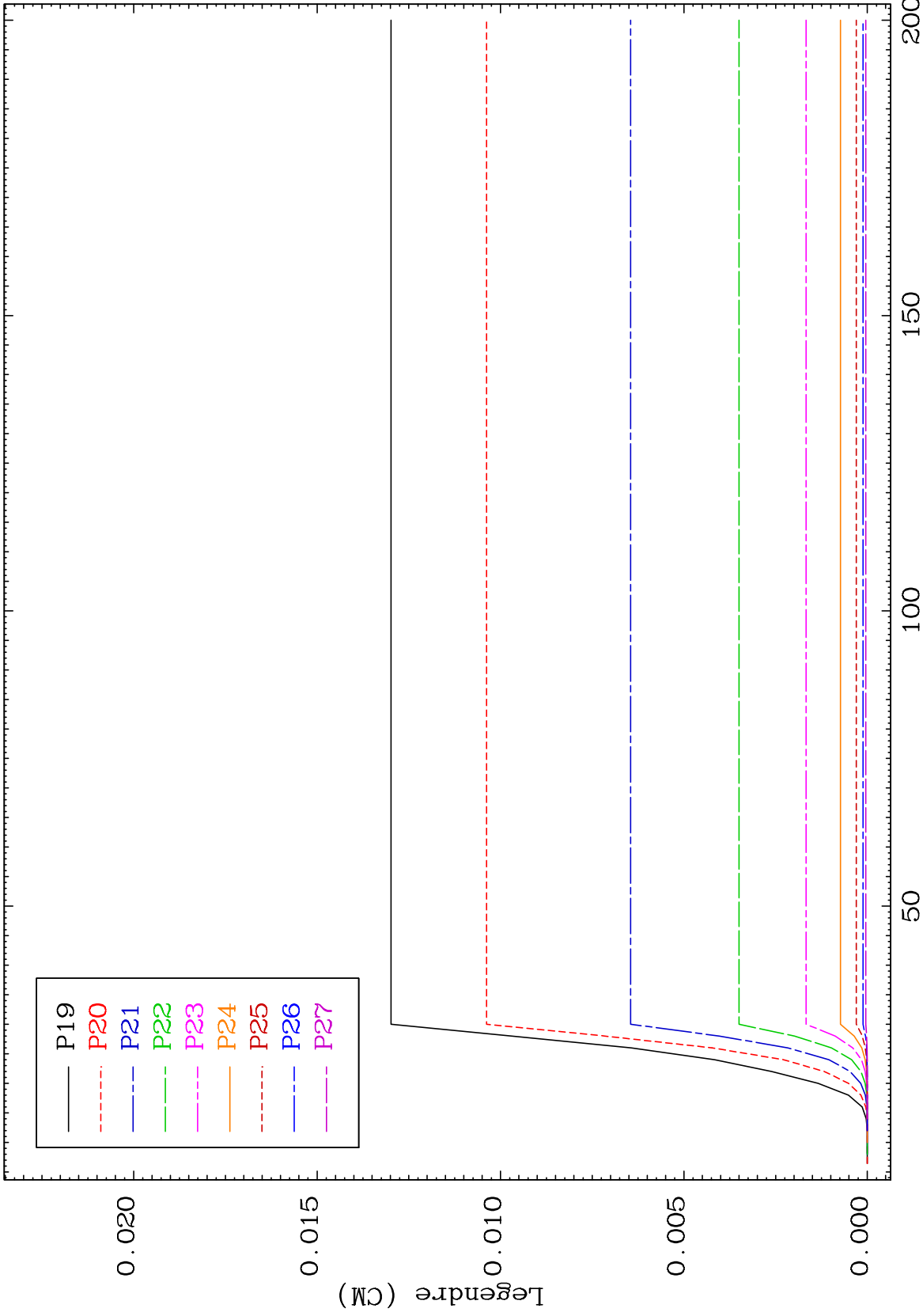
Incident Energy (MeV)

69-Tm-160

MAT 6898

MT= 72 (n,n') Level
Legendre Coefficients

69-Tm-160



92

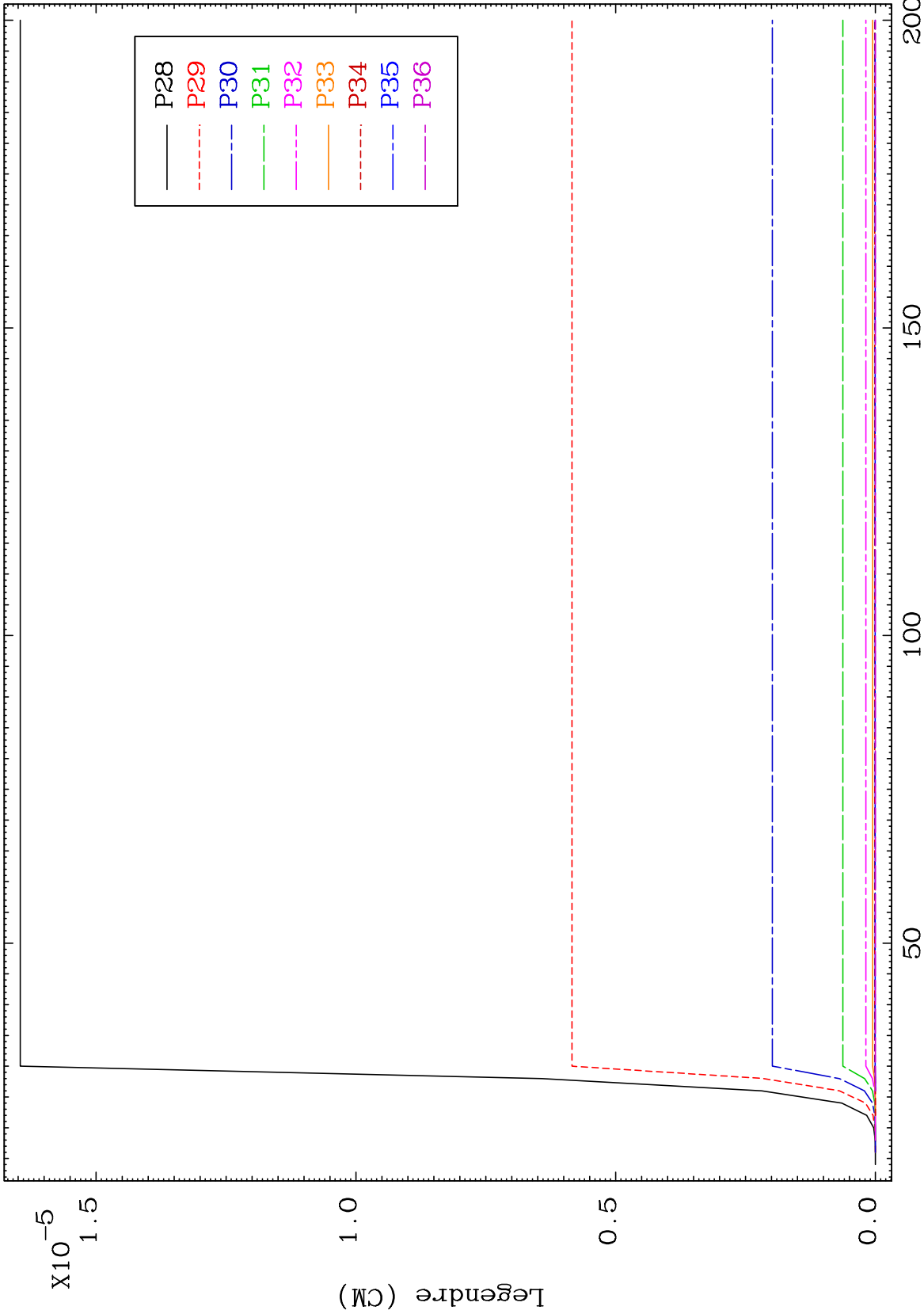
Incident Energy (MeV)

69-Tm-160

MAT 6898

MT= 72 (n,n') Level
Legendre Coefficients

69-Tm-160



93

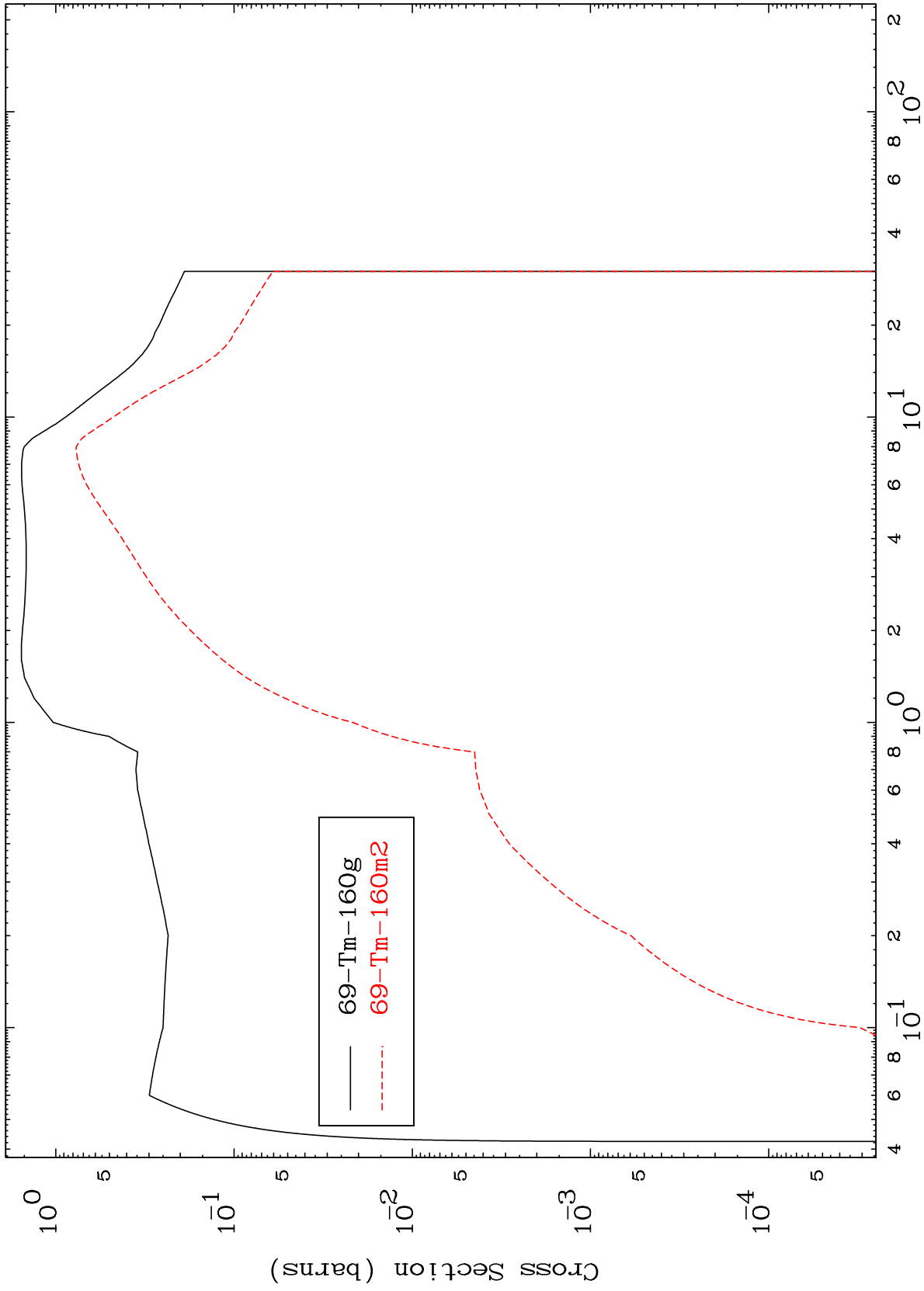
Incident Energy (MeV)

69-Tm-160

MAT 6898

69-Tm-160

Inelastic Radionuclide Production Cross Section



94

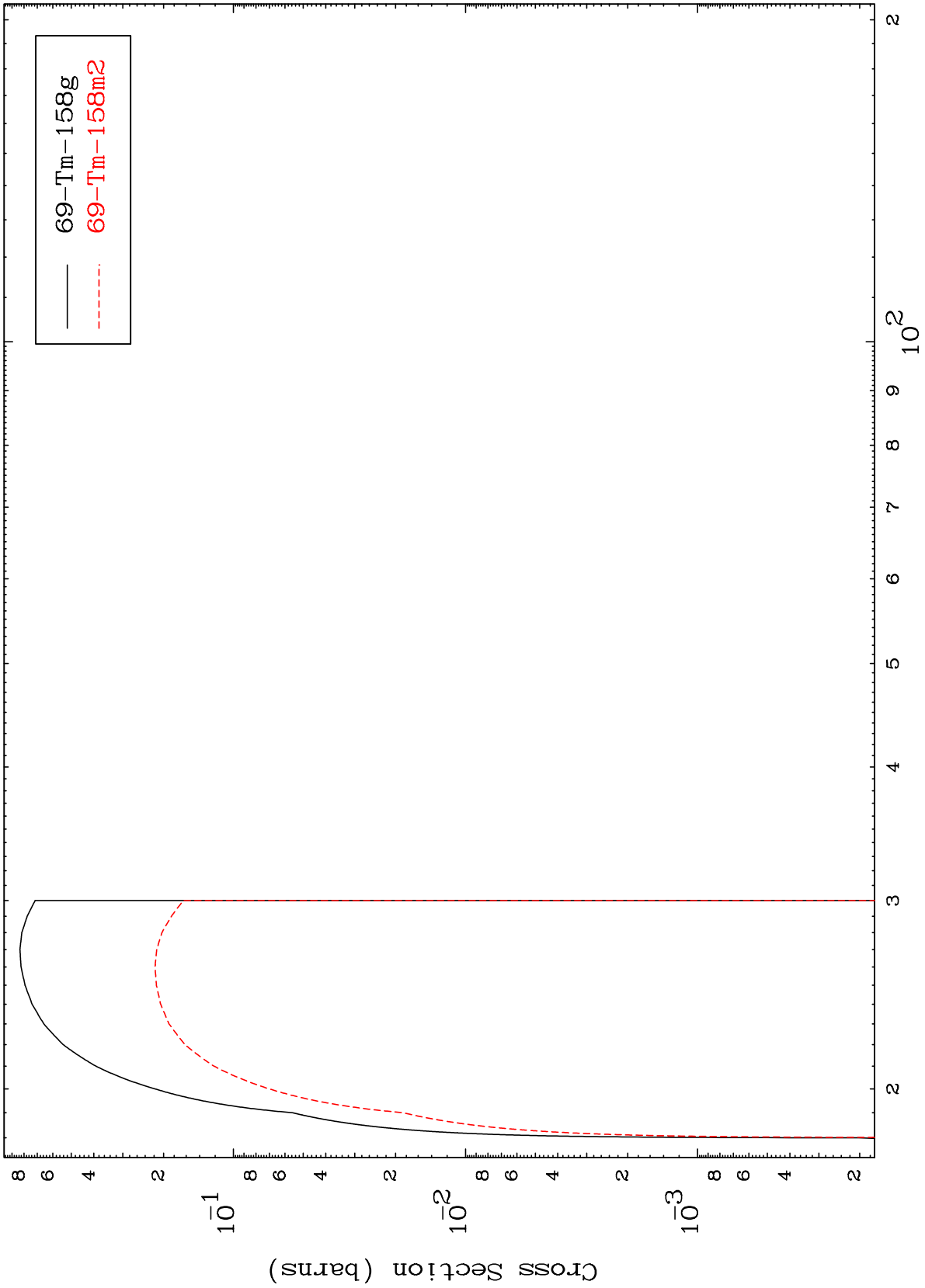
69-Tm-160

MAT 6898

(n,3n)

69-Tm-160

Radionuclide Production Cross Section



95

Incident Energy (MeV)

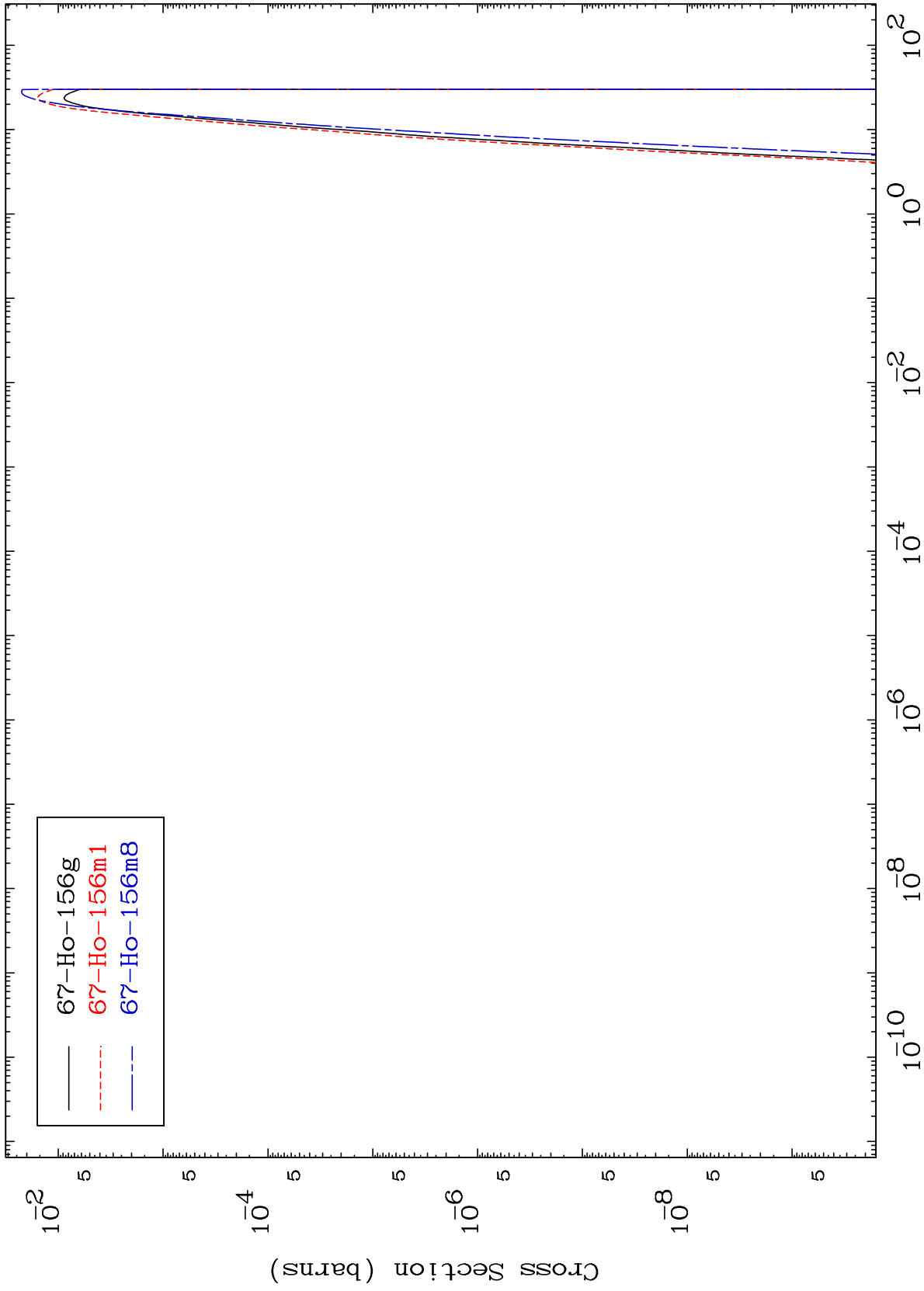
69-Tm-160

MAT 6898

(n,n') α

69-Tm-160

Radionuclide Production Cross Section



96

Incident Energy (MeV)

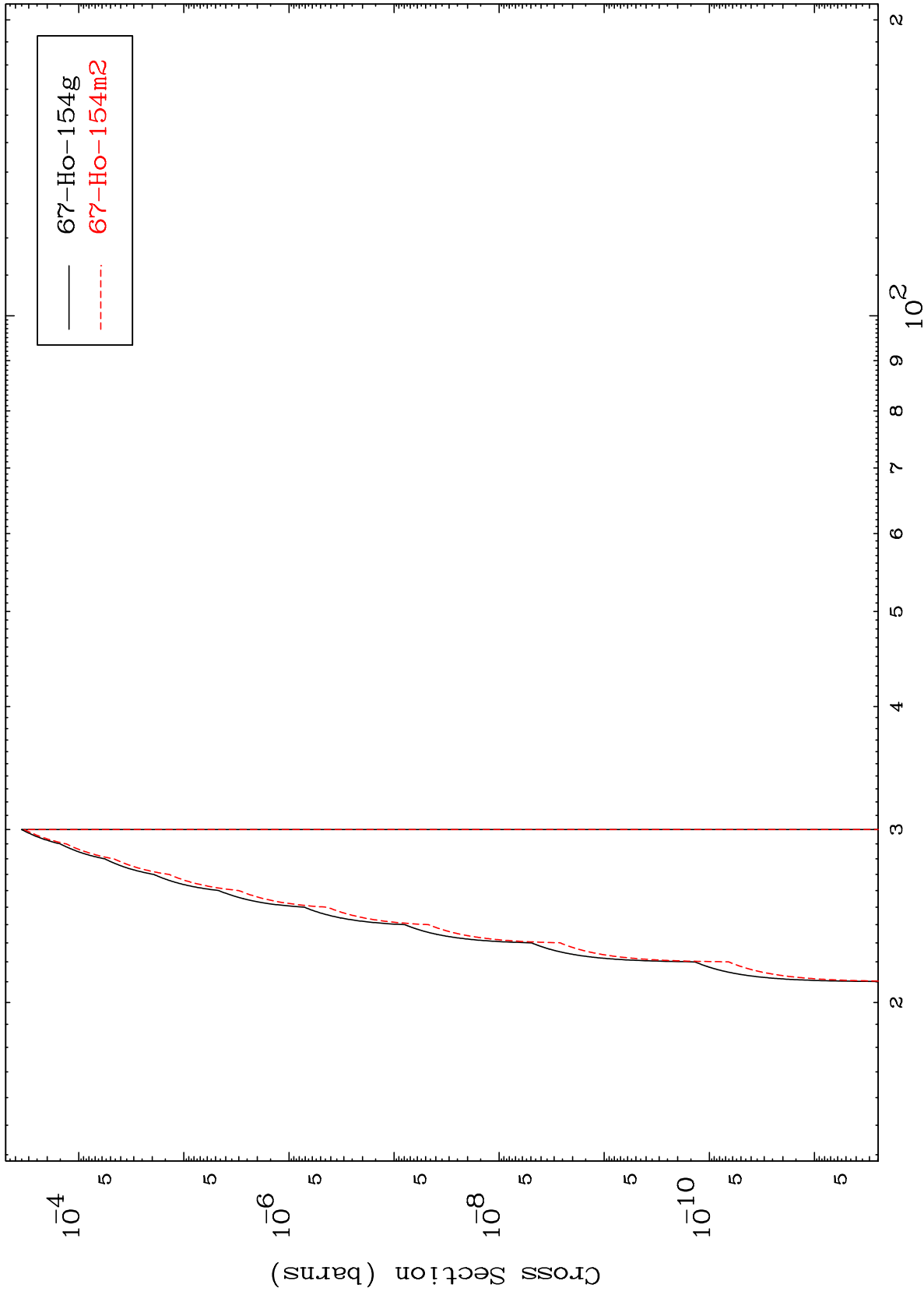
69-Tm-160

MAT 6898

(n,3n) α

69-Tm-160

Radionuclide Production Cross Section



97

Incident Energy (MeV)

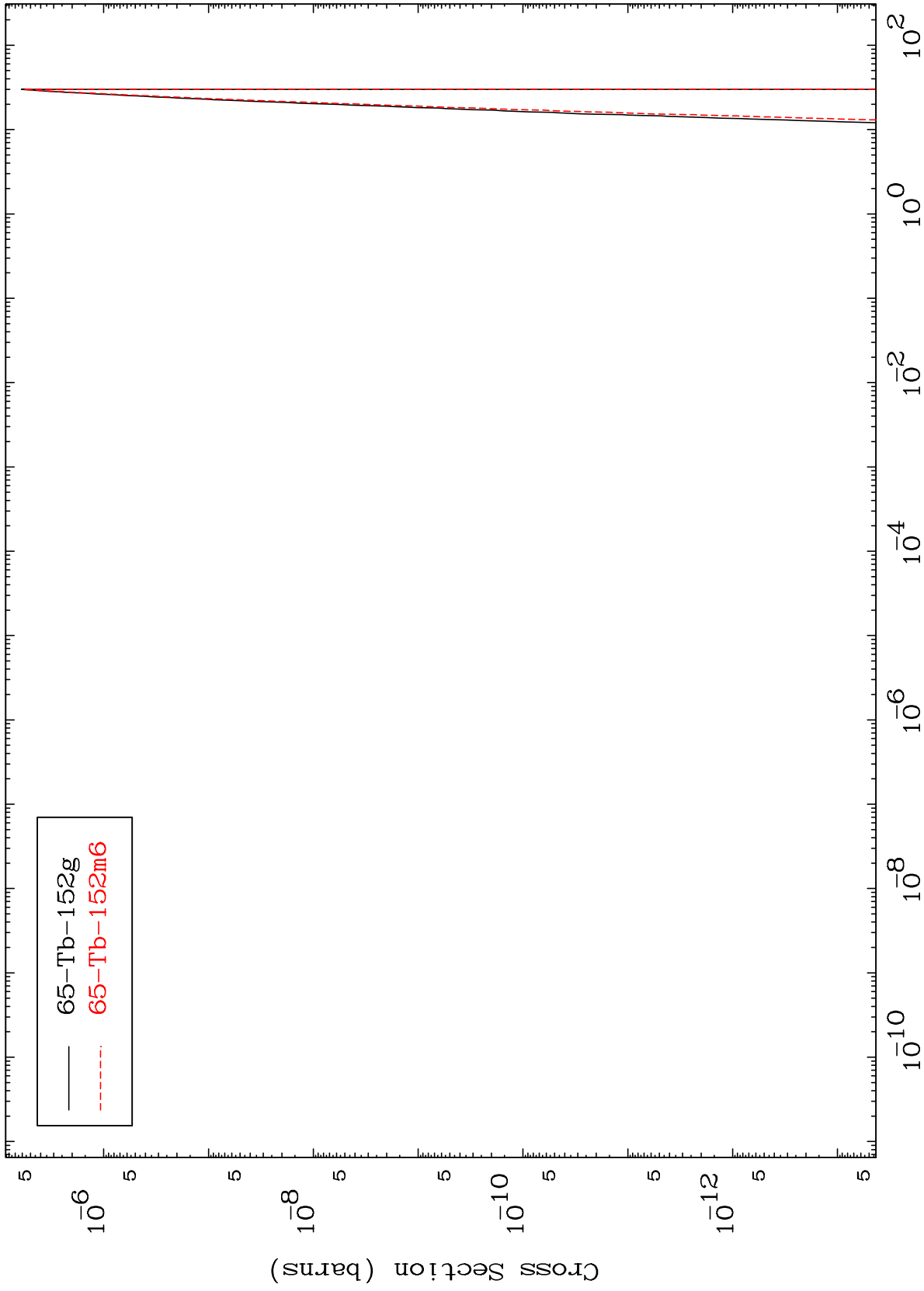
69-Tm-160

MAT 6898

(n,n') 2 α

69-Tm-160

Radionuclide Production Cross Section



98

Incident Energy (MeV)

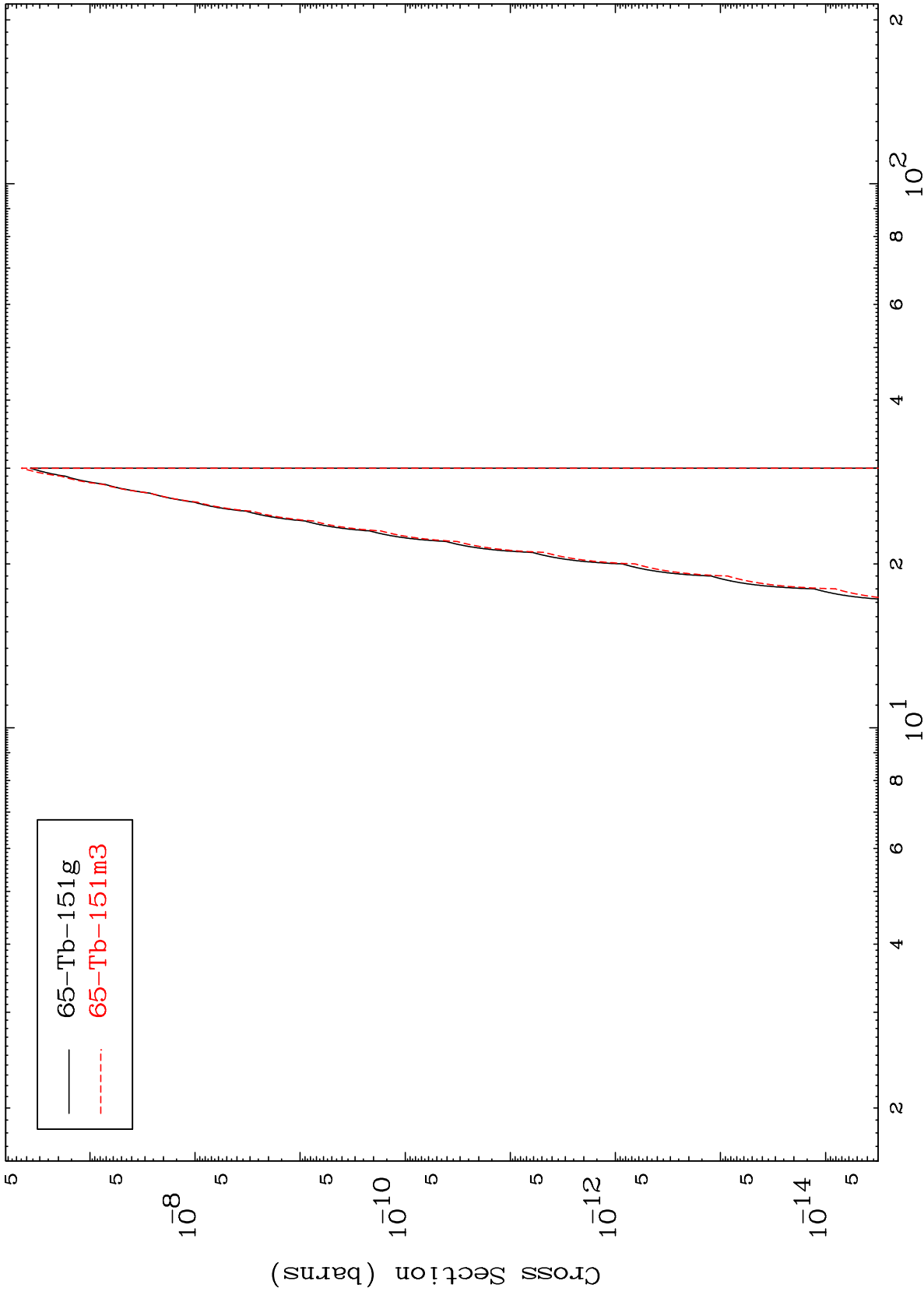
69-Tm-160

MAT 6898

(n,2n) 2α

69-Tm-160

Radionuclide Production Cross Section



99

Incident Energy (MeV)

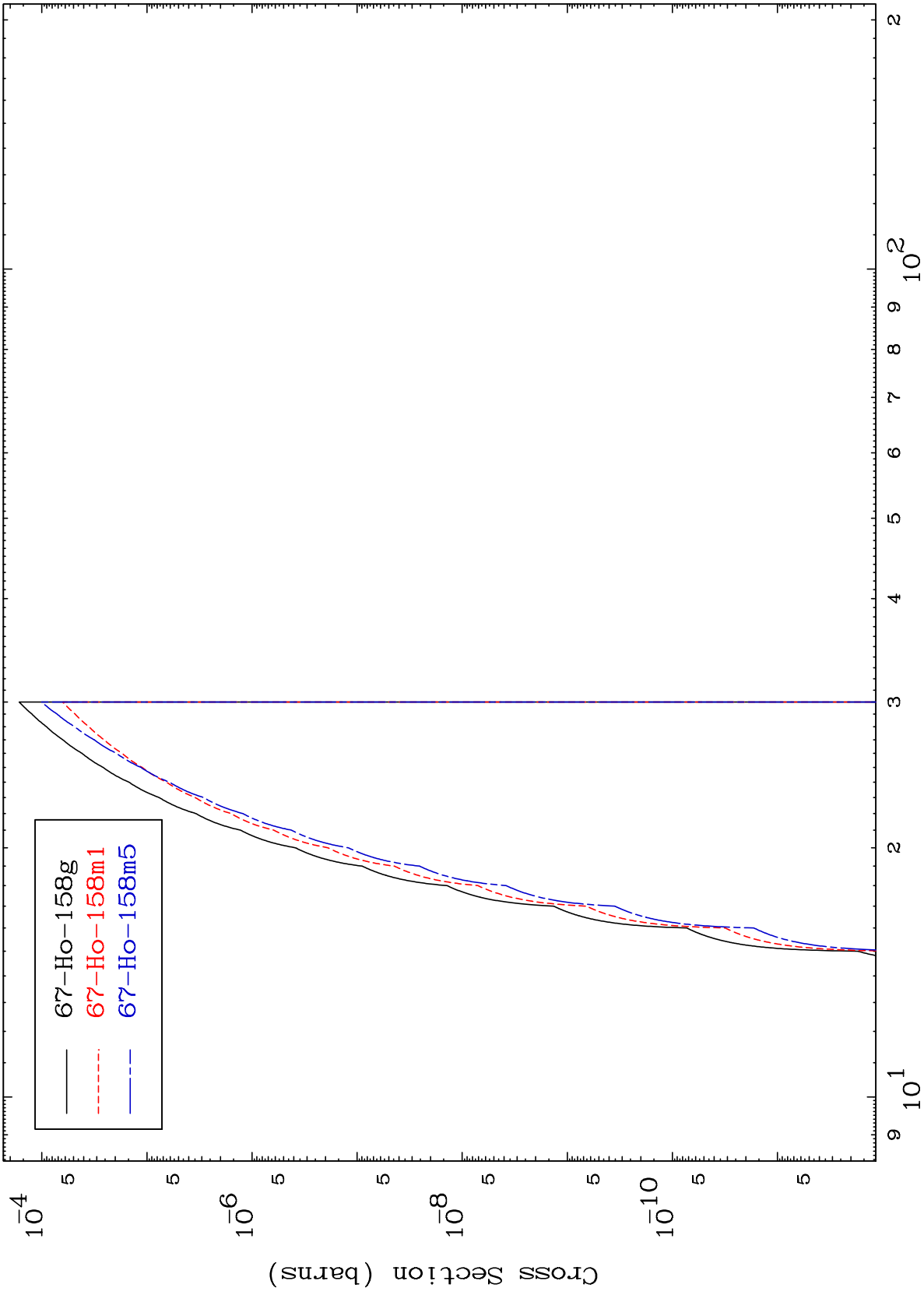
69-Tm-160

MAT 6898

(n,2n) p

69-Tm-160

Radionuclide Production Cross Section



100

Incident Energy (MeV)

10²

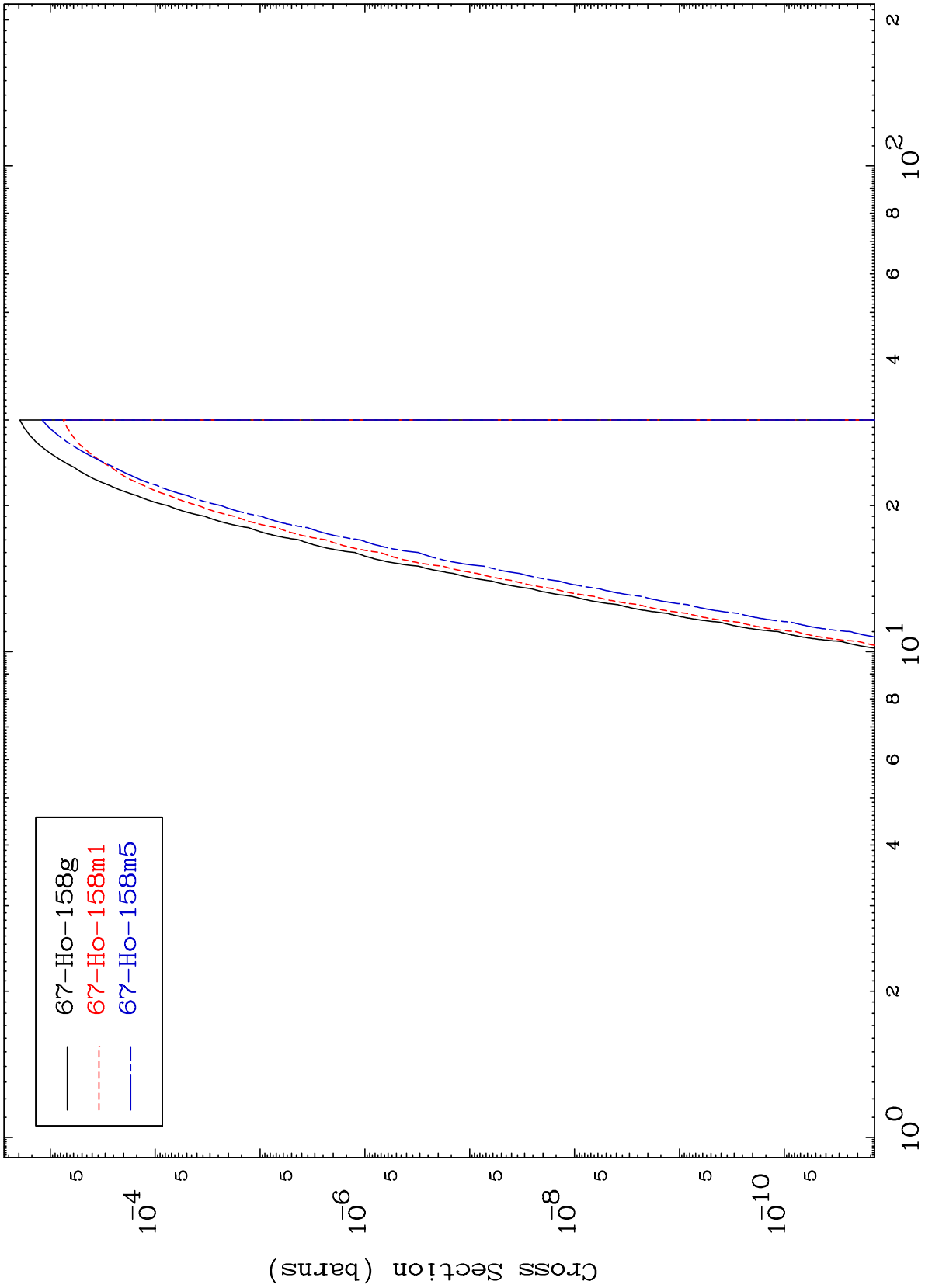
69-Tm-160

MAT 6898

(n, He-3)

69-Tm-160

Radionuclide Production Cross Section



67-Ho-158g
67-Ho-158m1
67-Ho-158m5

Incident Energy (MeV)

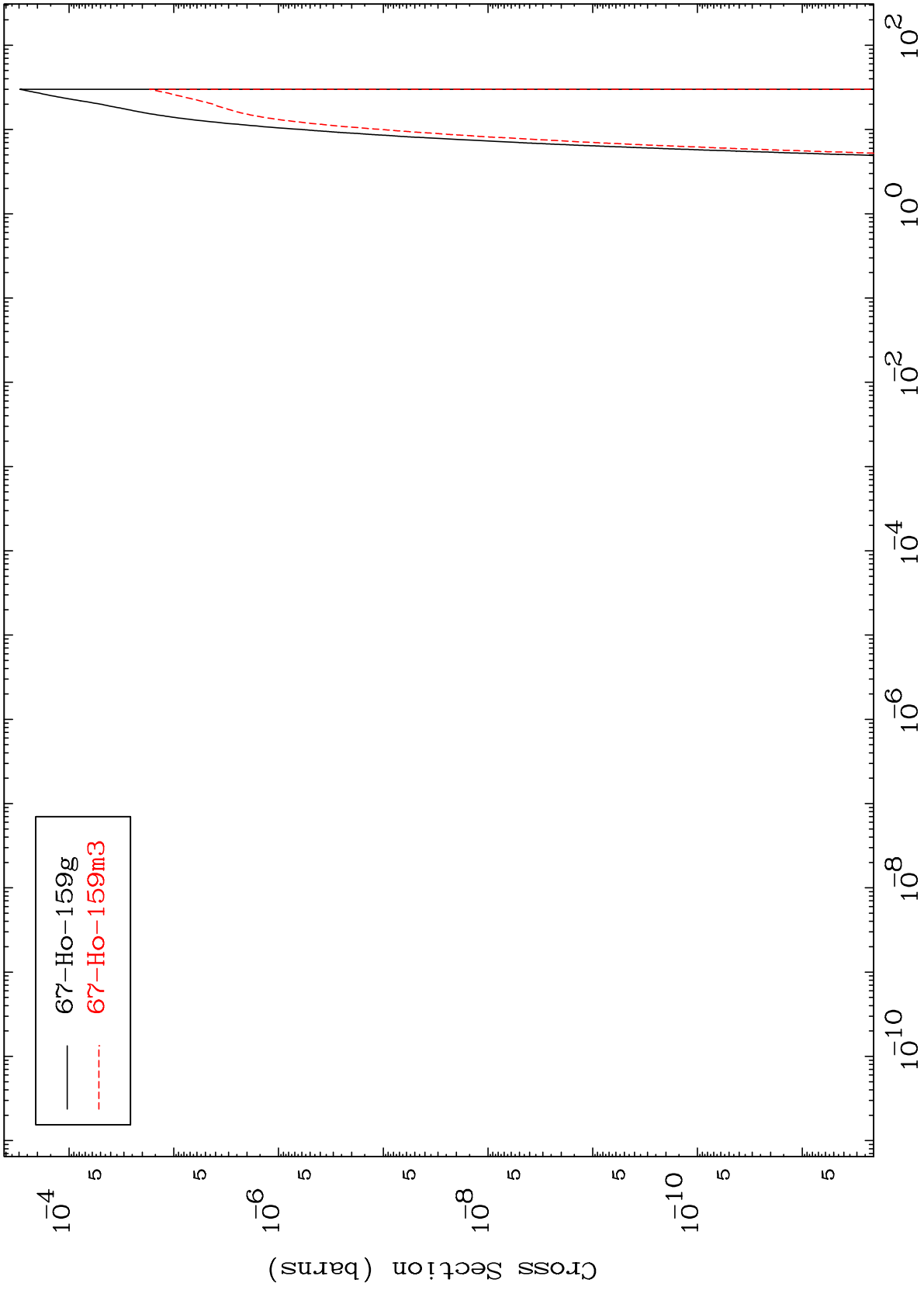
69-Tm-160

MAT 6898

(n,2p)

69-Tm-160

Radionuclide Production Cross Section



102

Incident Energy (MeV)

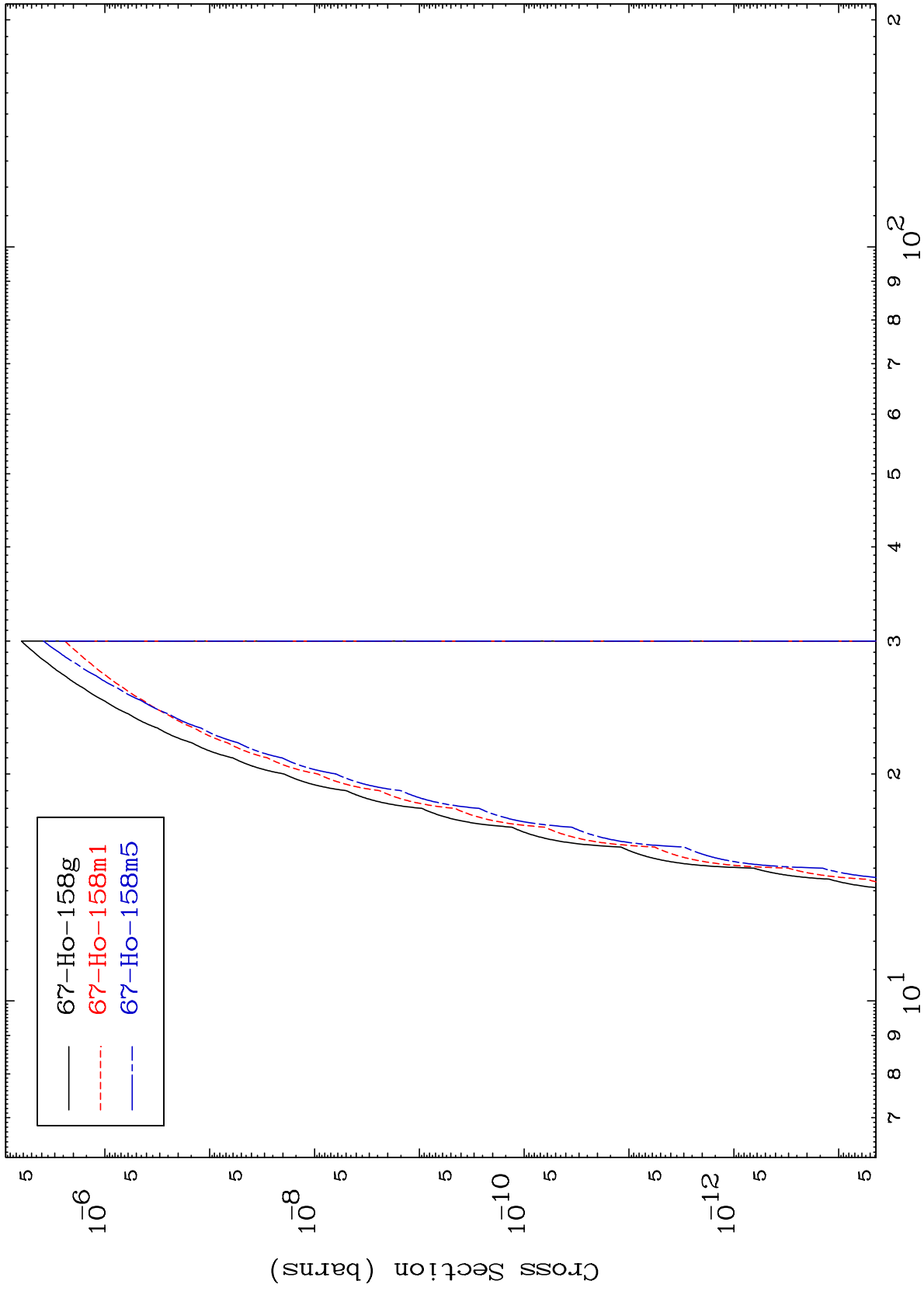
69-Tm-160

MAT 6898

(n,p) d

69-Tm-160

Radionuclide Production Cross Section



103

Incident Energy (MeV)

69-Tm-160