

Program EVALPLOT
(Version 2021-1)

by

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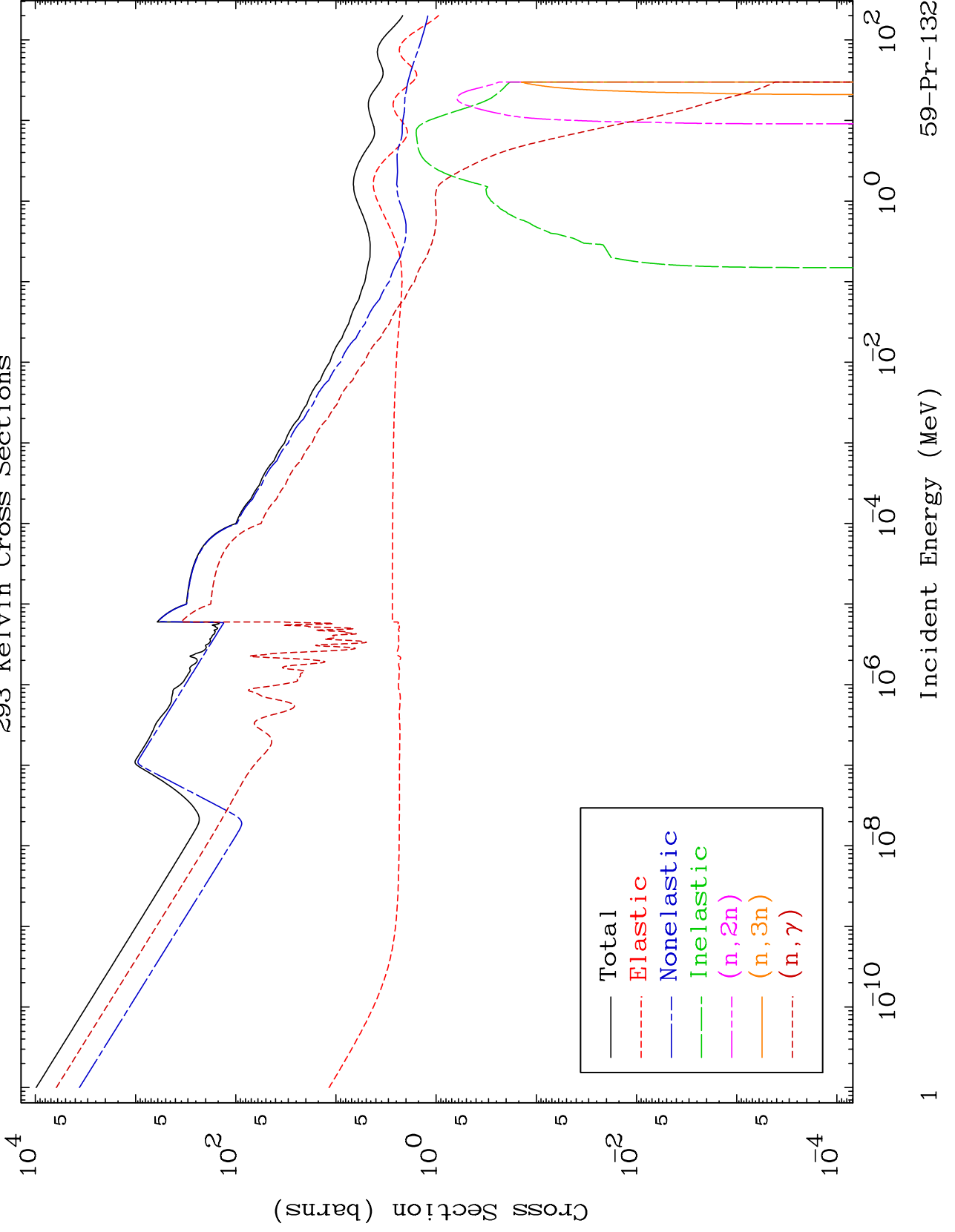
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5898

Neutron Major
293 Kelvin Cross Sections

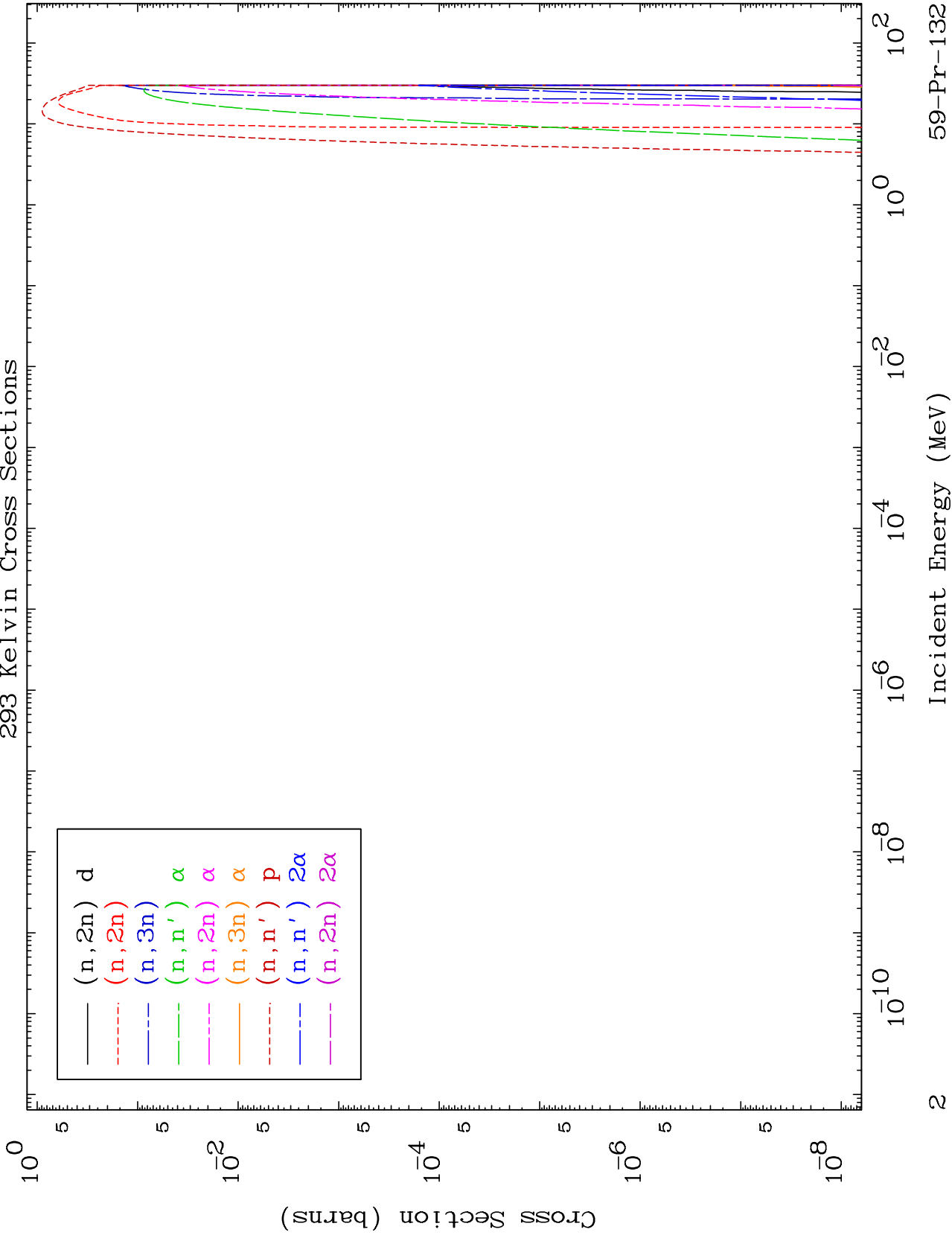
59-Pr-132

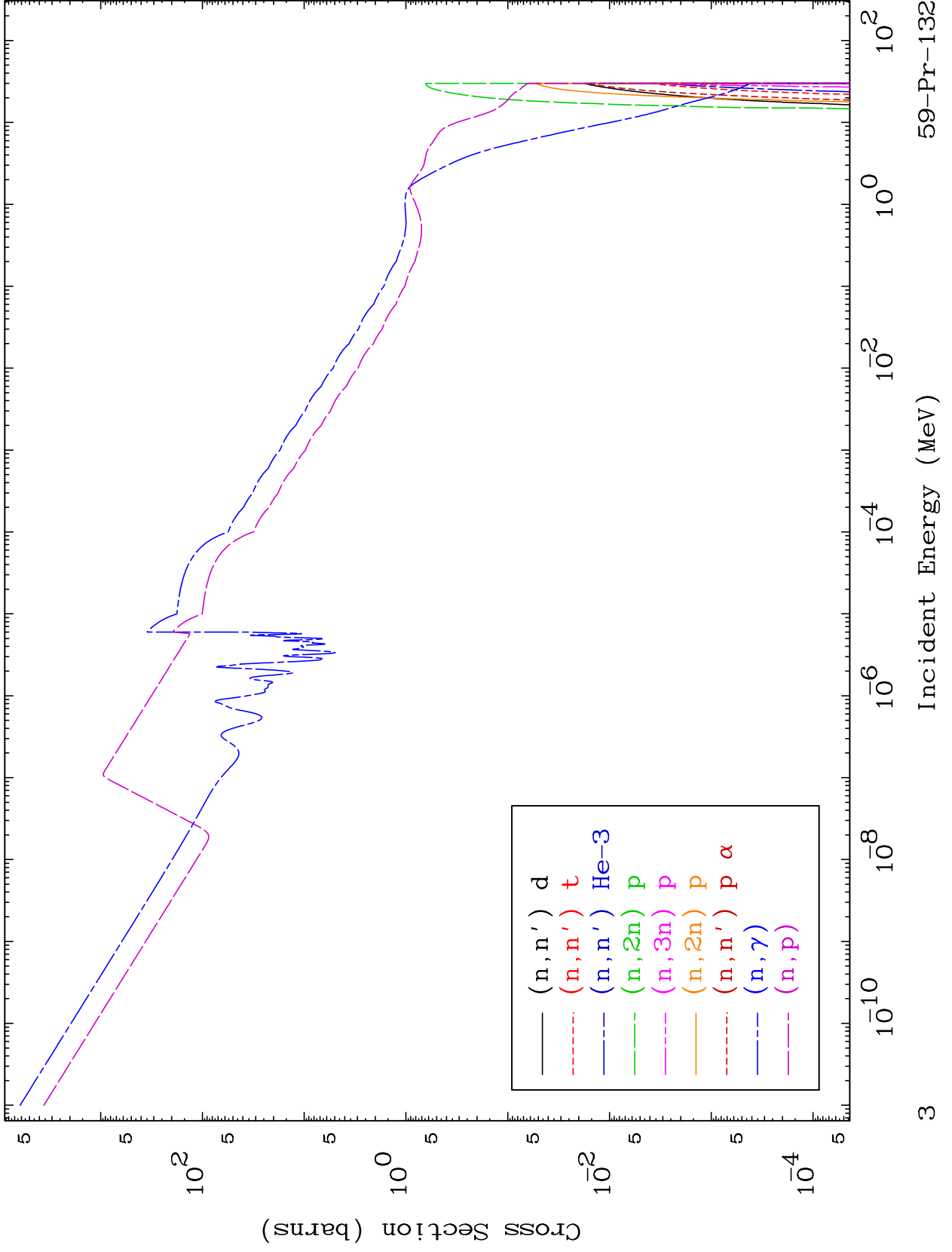


MAT 5898

Neutron Absorption
293 Kelvin Cross Sections

59-Pr-132

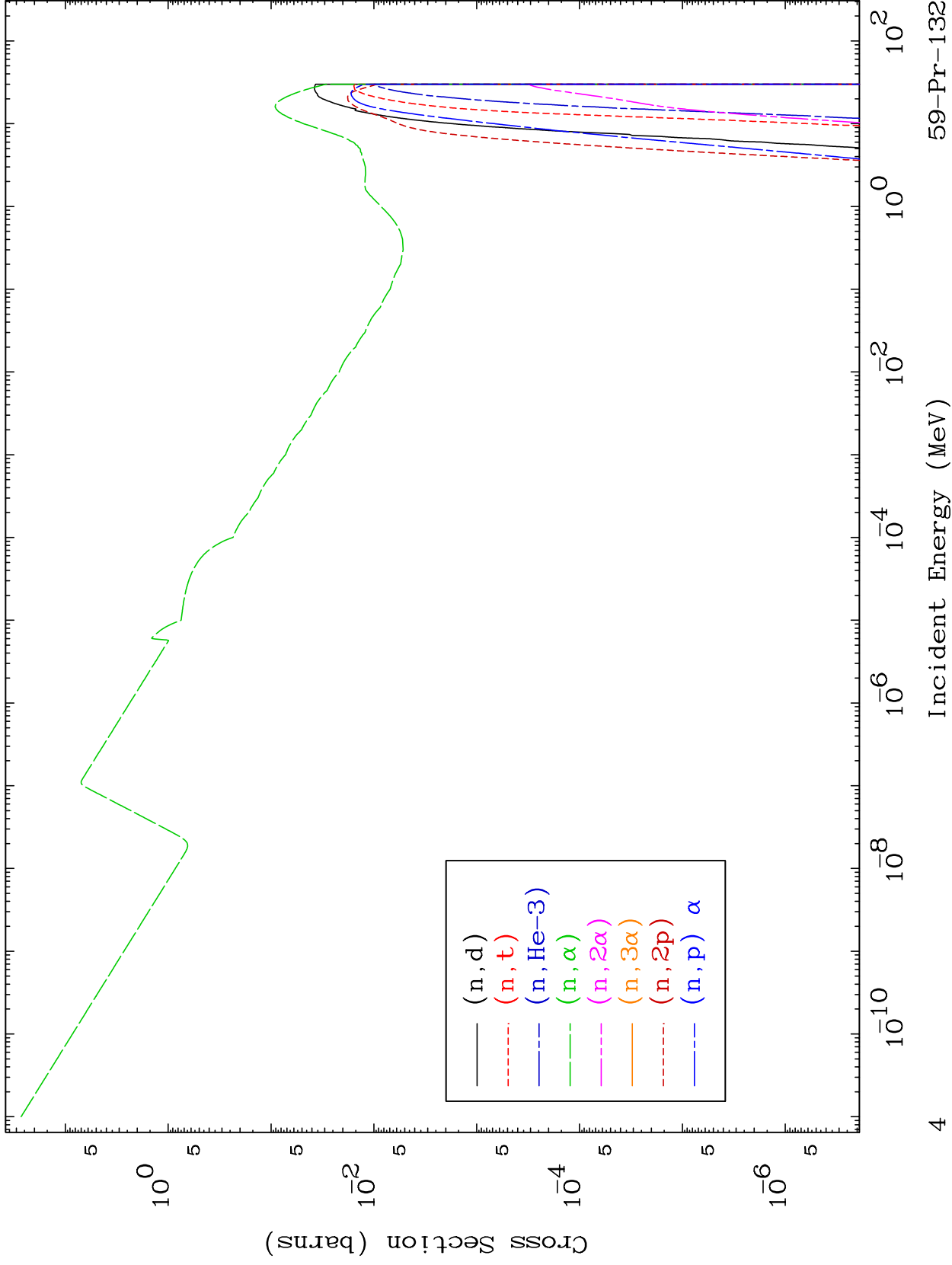


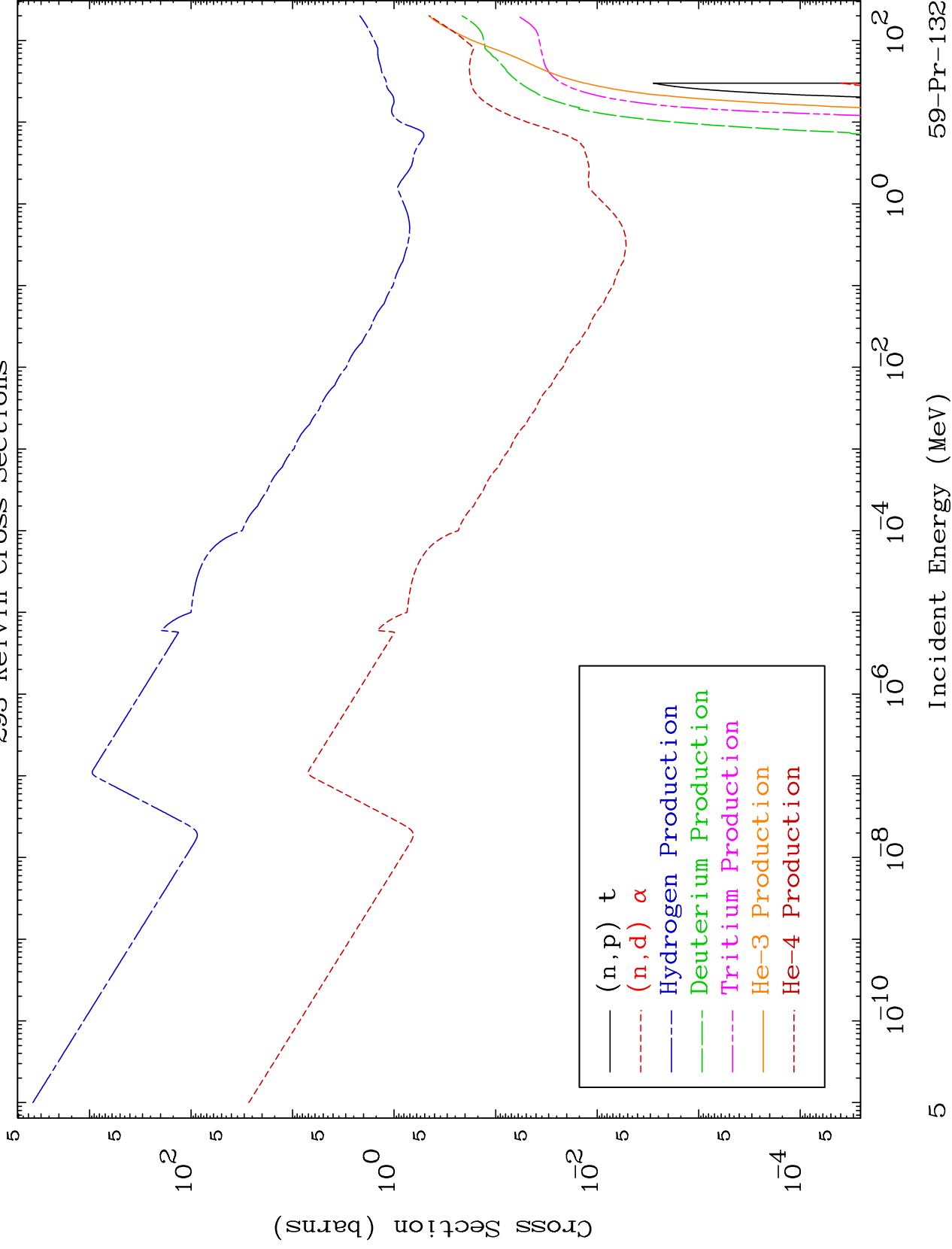


MAT 5898

Neutron Absorption
293 Kelvin Cross Sections

59-Pr-132

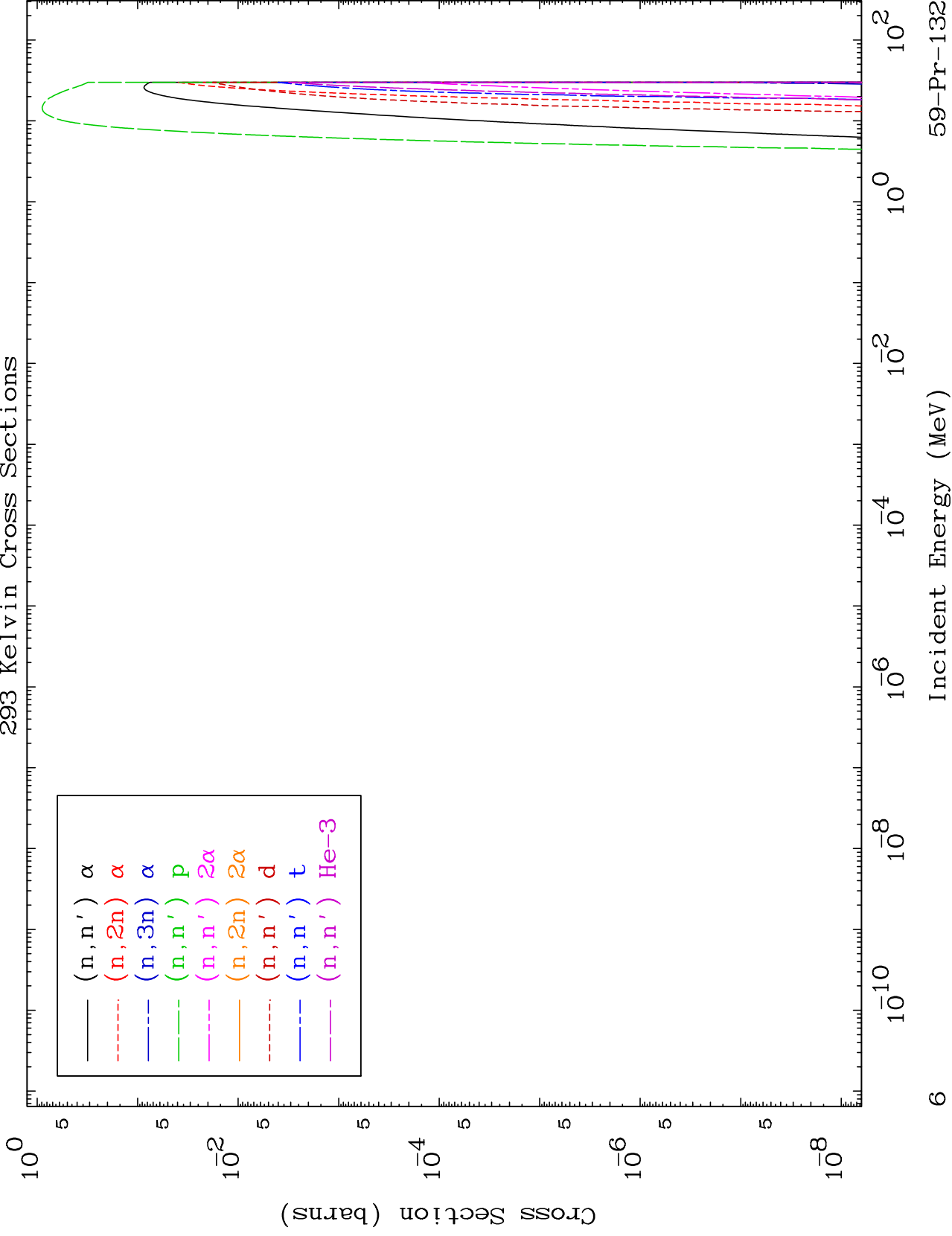




MAT 5898

Charged Particle
293 Kelvin Cross Sections

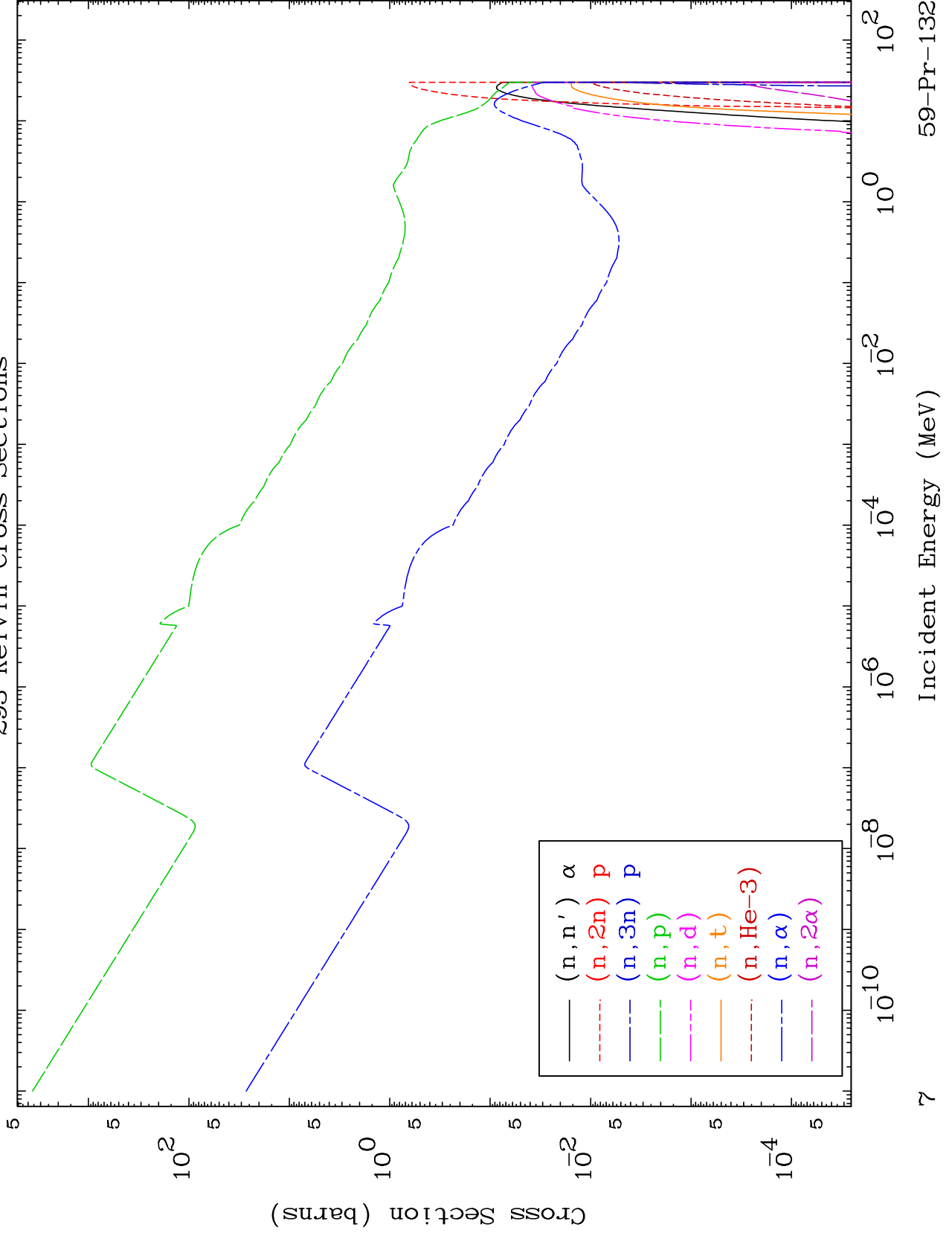
59-Pr-132



MAT 5898

Charged Particle
293 Kelvin Cross Sections

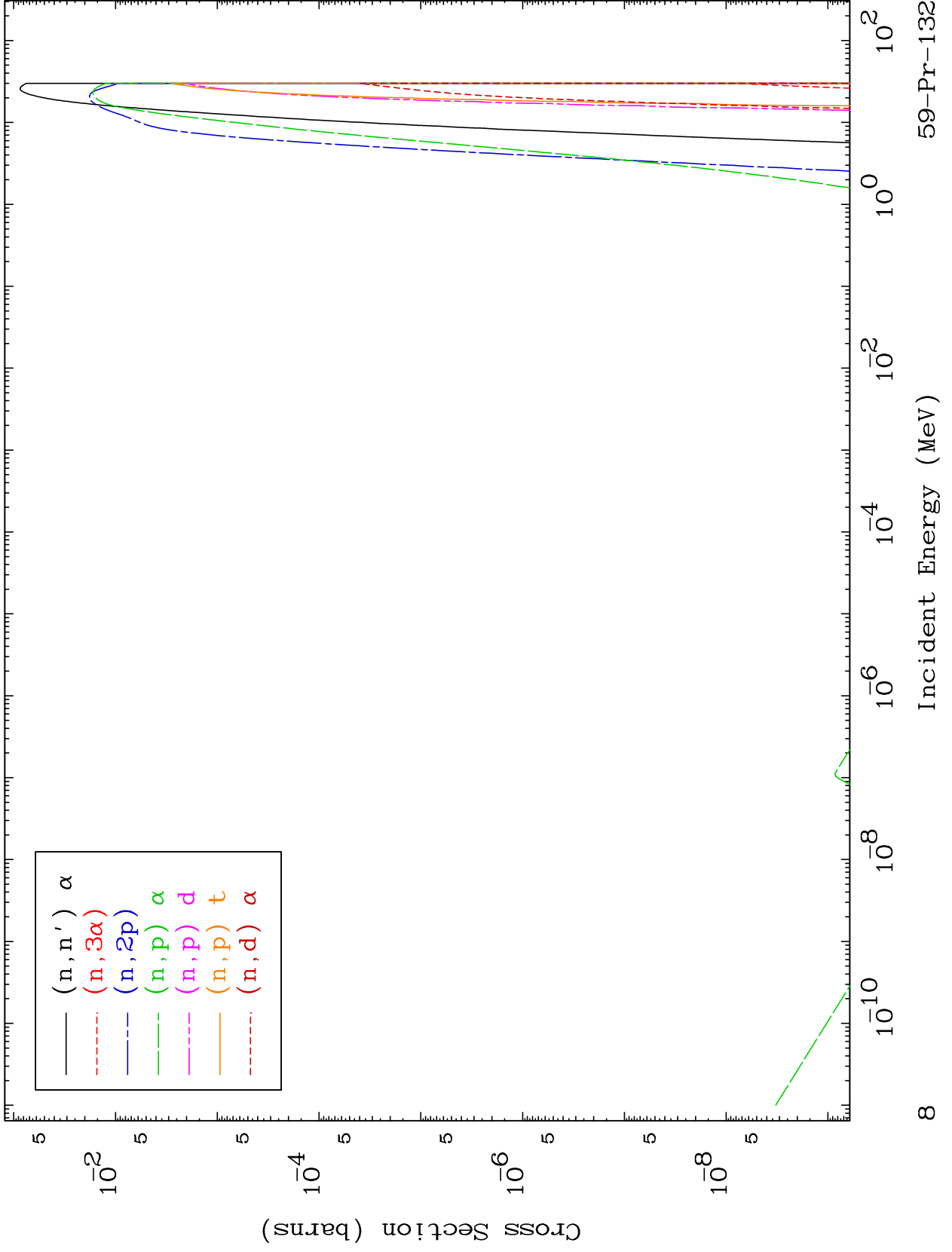
59-Pr-132



MAT 5898

Charged Particle
293 Kelvin Cross Sections

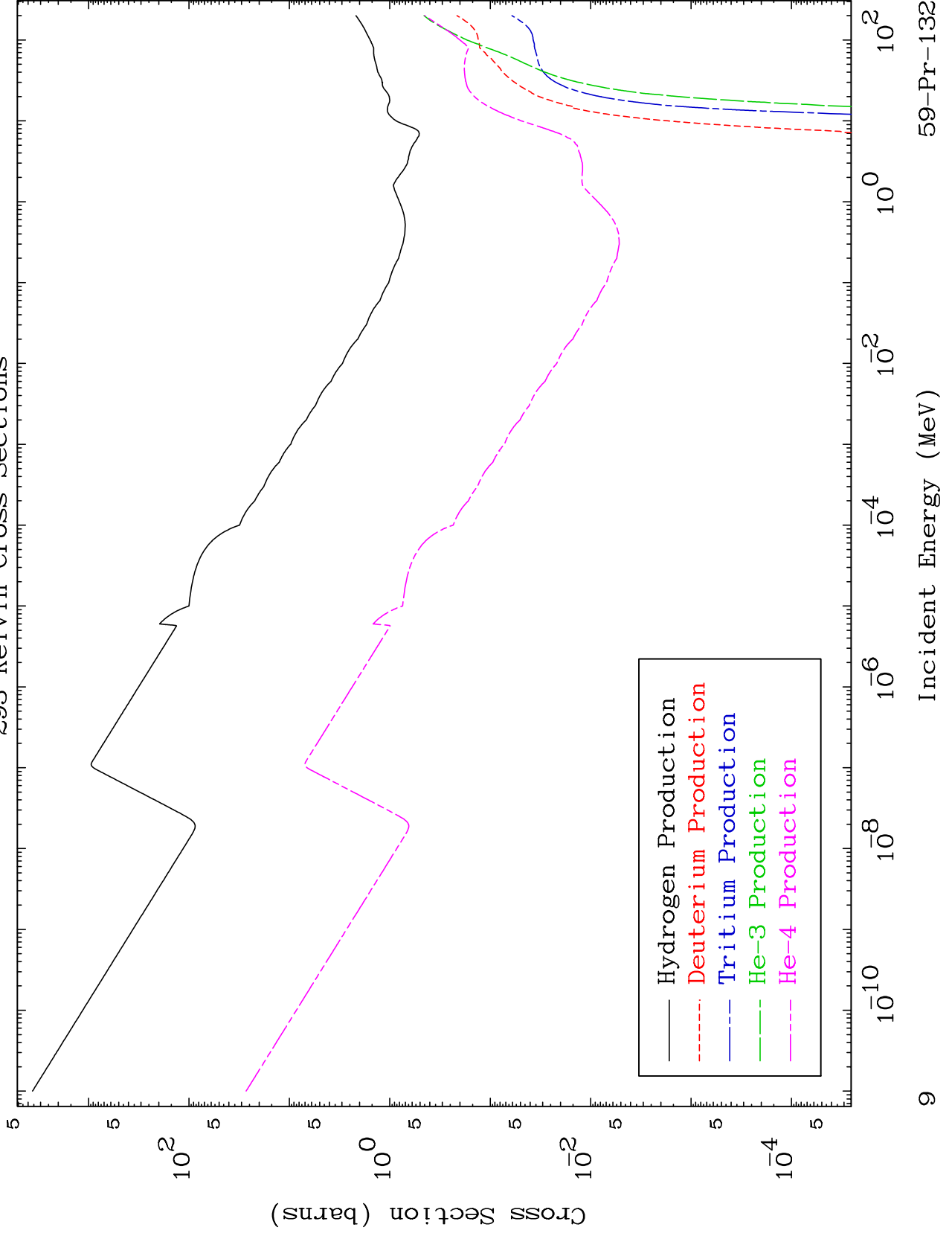
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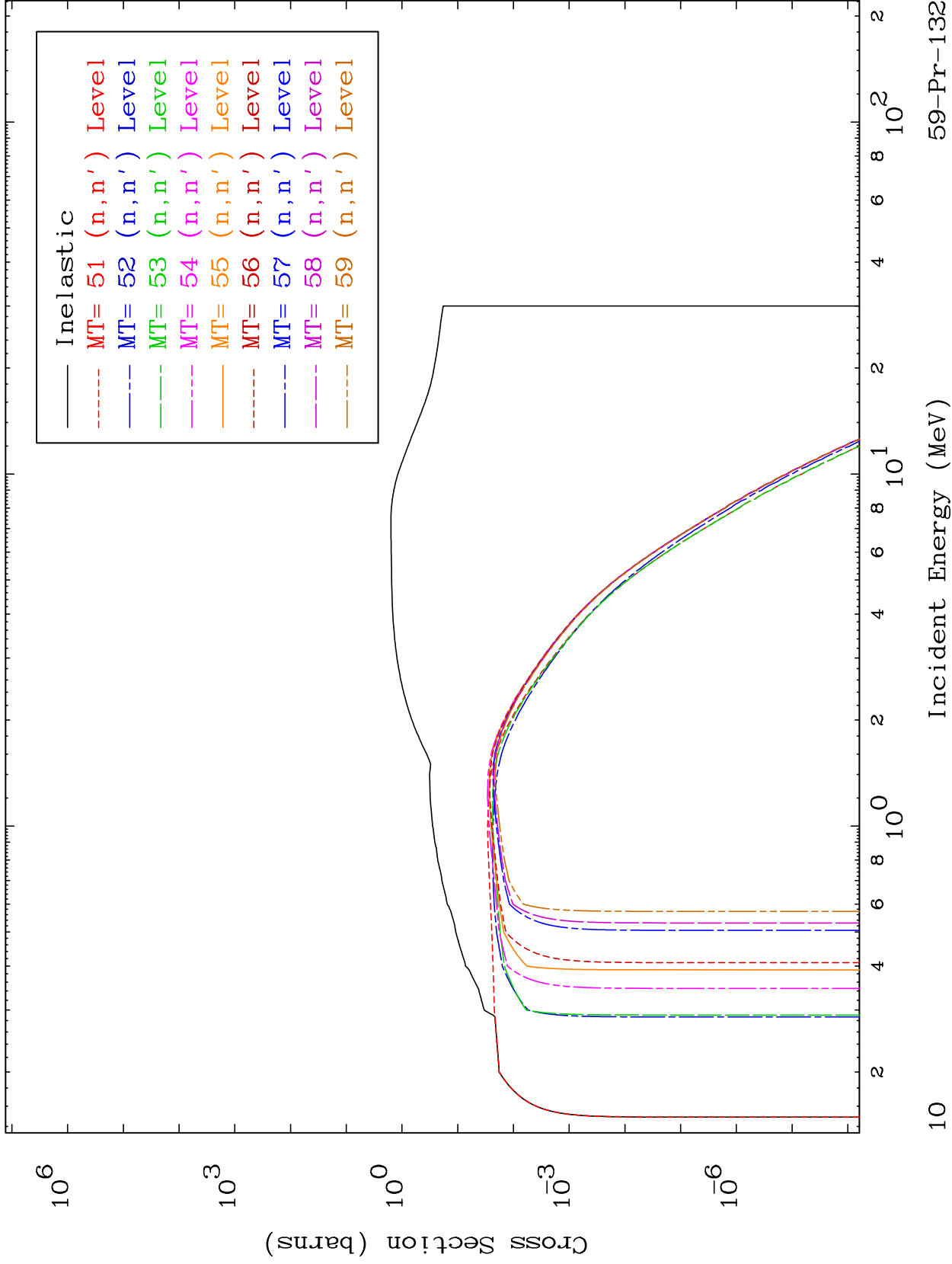
MAT 5898

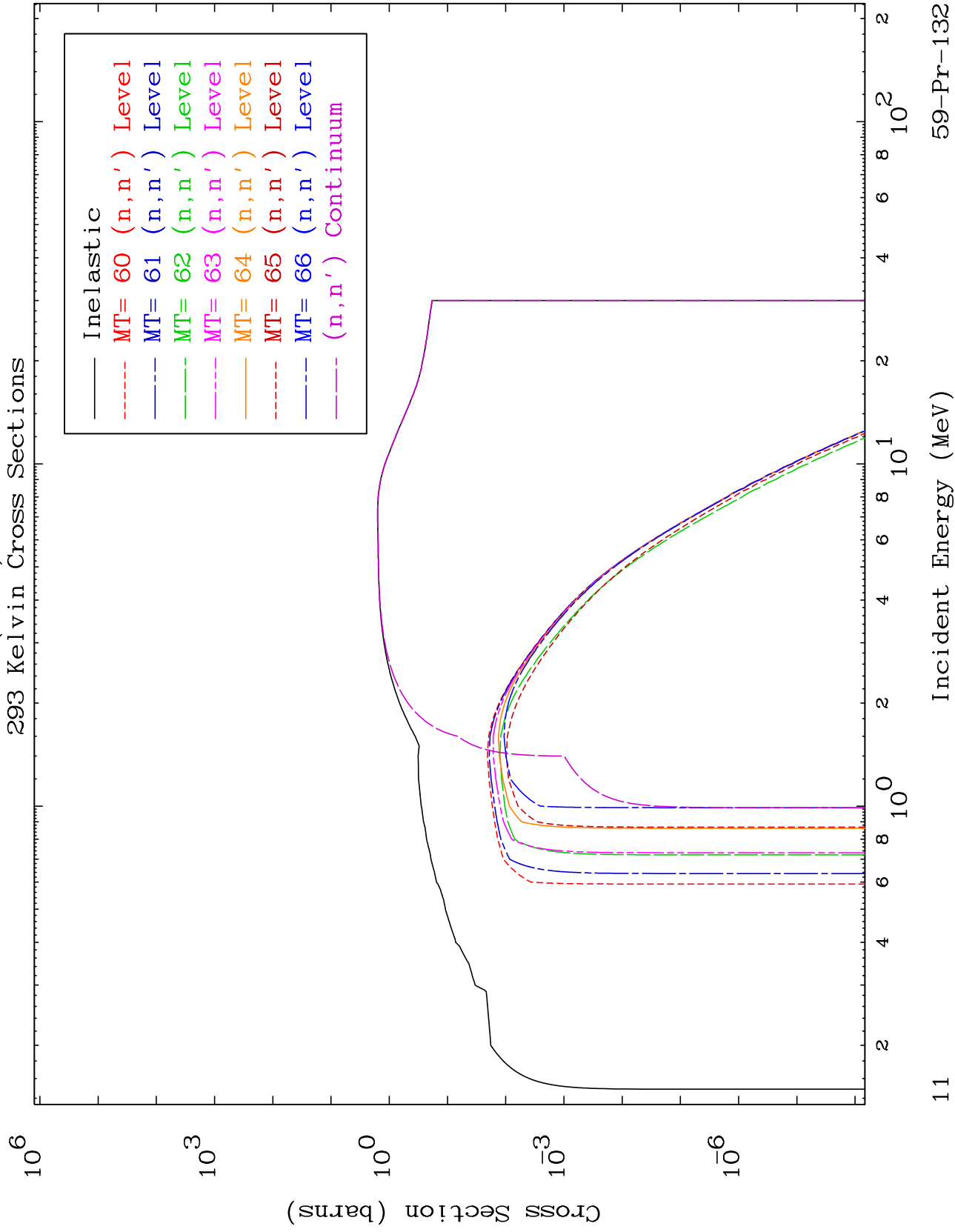
Particle Production
293 Kelvin Cross Sections

59-Pr-132



293 Kelvin Cross Sections

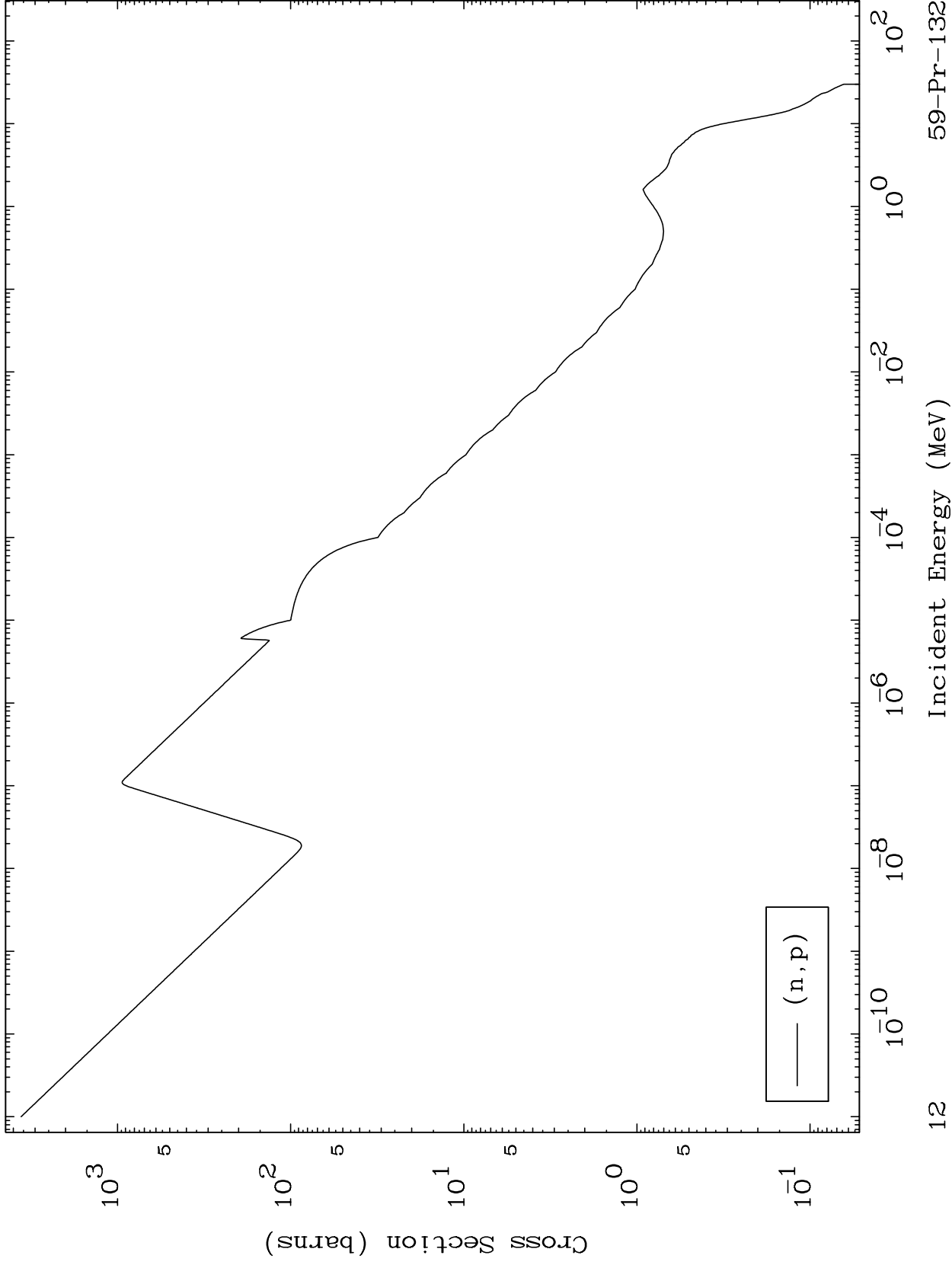




MAT 5898

(n,p) Levels
293 Kelvin Cross Sections

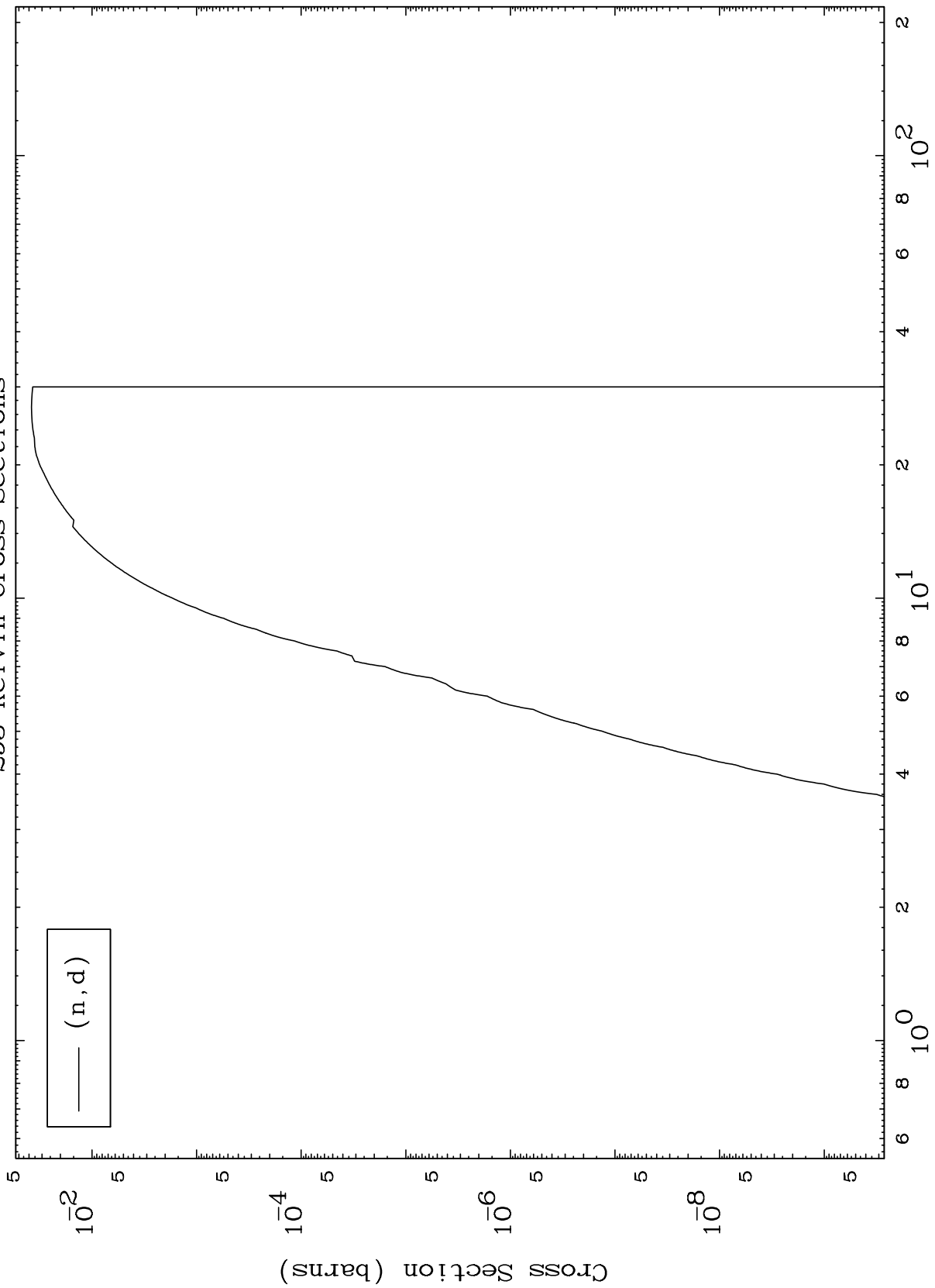
59-Pr-132



MAT 5898

(n,d) Levels
293 Kelvin Cross Sections

59-Pr-132



13

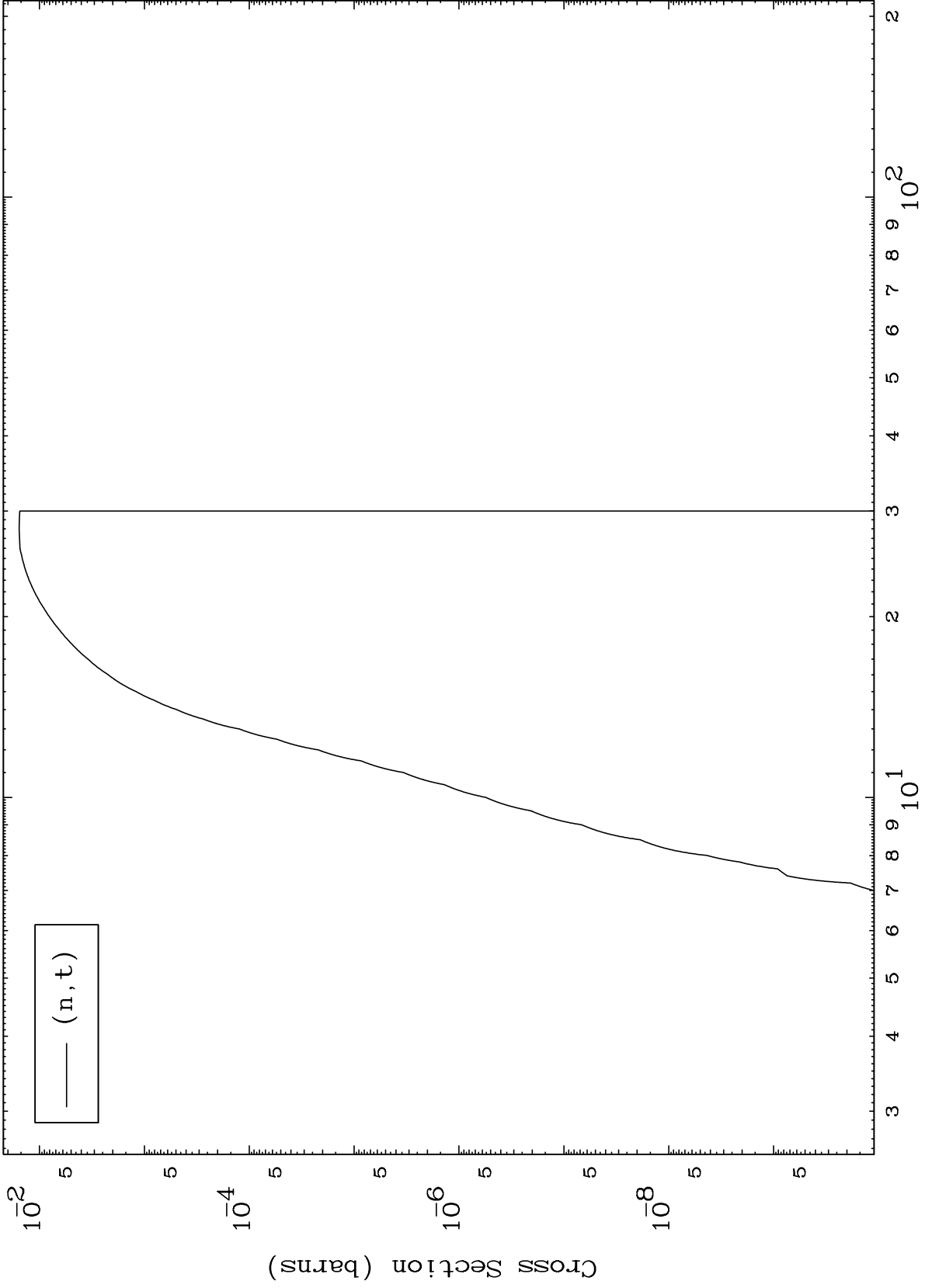
Incident Energy (MeV)

59-Pr-132

MAT 5898

(n,t) Levels
293 Kelvin Cross Sections

59-Pr-132



14

Incident Energy (MeV)

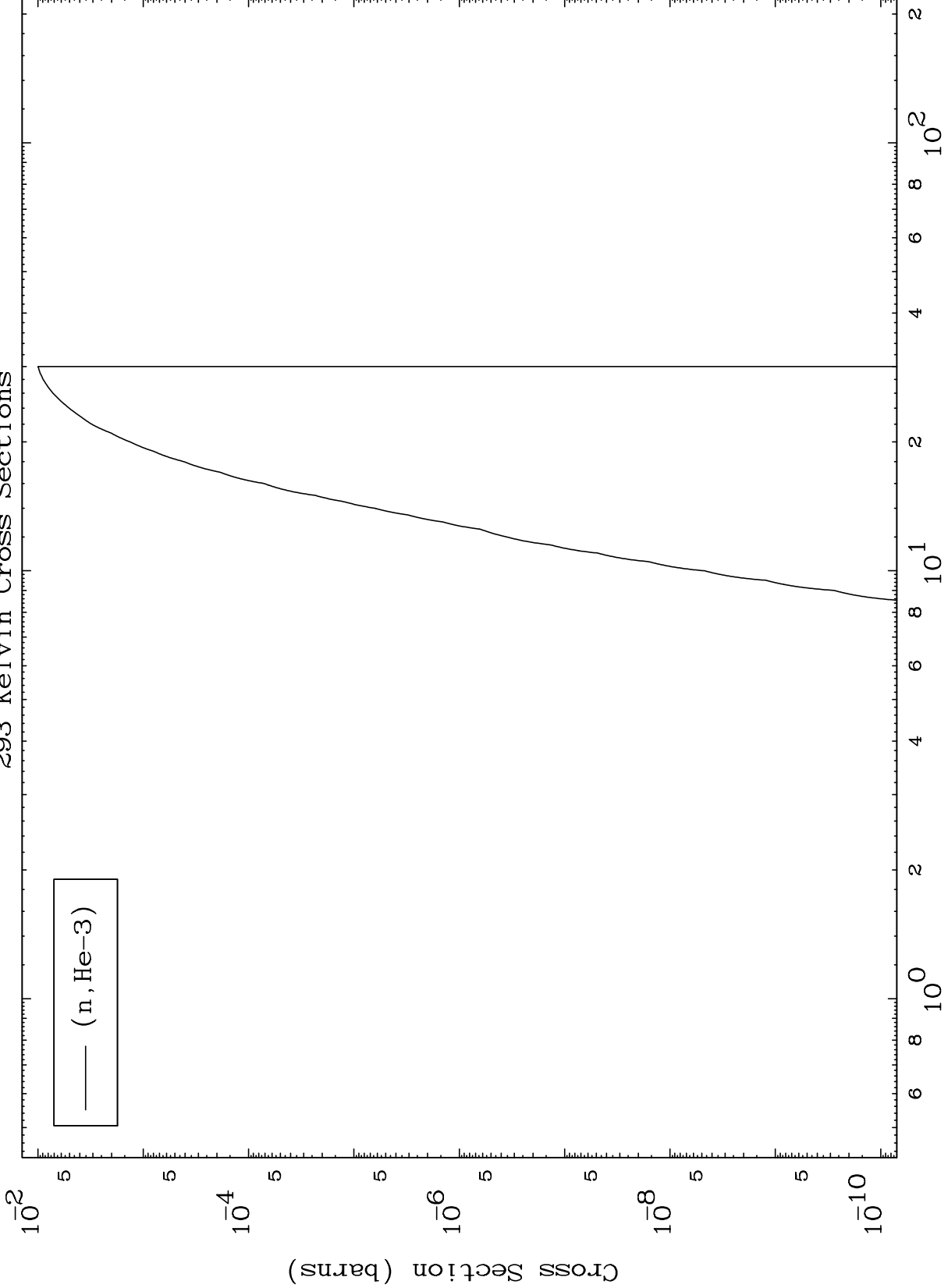
59-Pr-132

MAT 5898

(n,He3) Levels

59-Pr-132

293 Kelvin Cross Sections



15

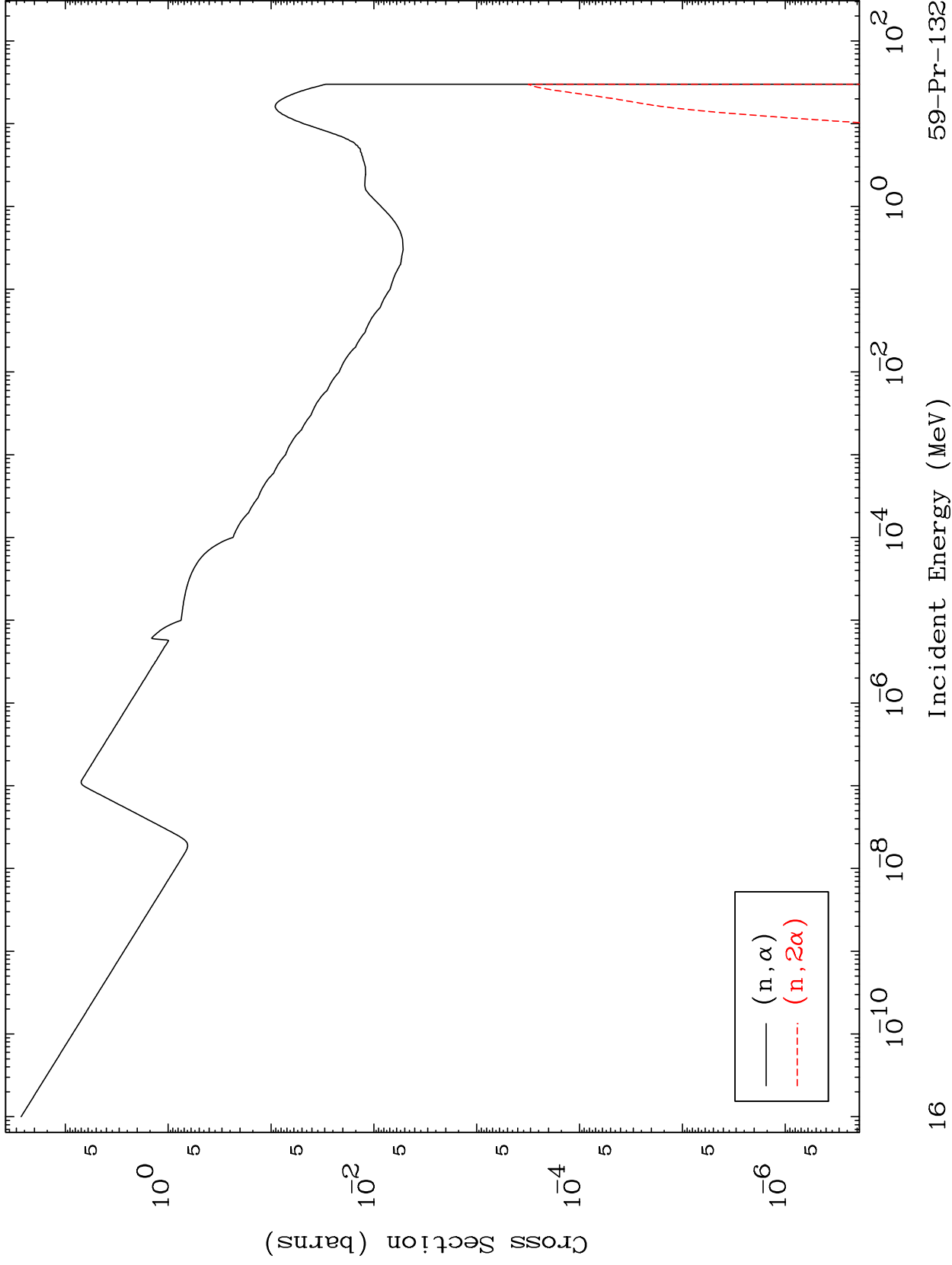
Incident Energy (MeV)

59-Pr-132

MAT 5898

(n,α) Levels
293 Kelvin Cross Sections

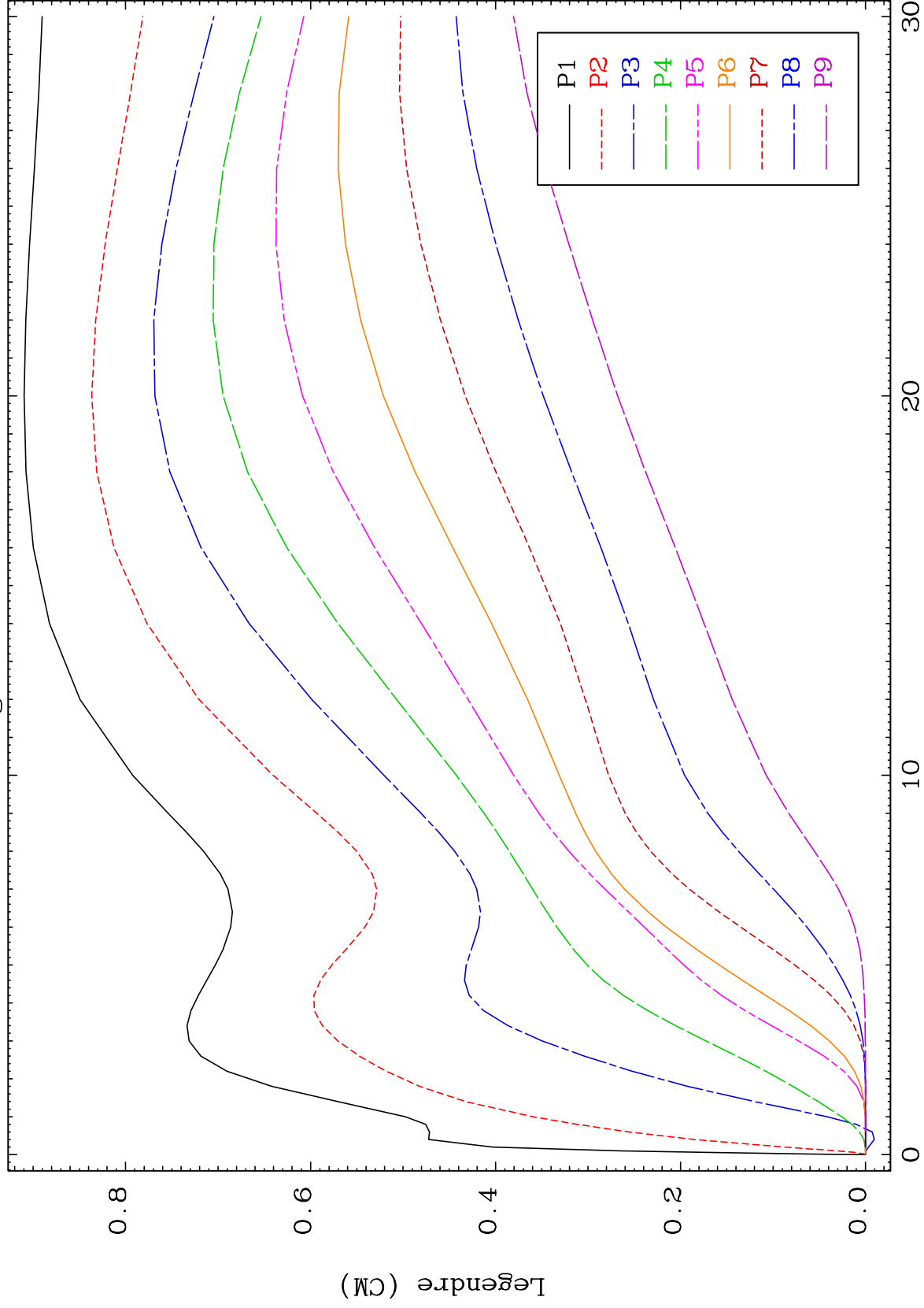
59-Pr-132



MAT 5898

Elastic Legendre Coefficients

59-Pr-132



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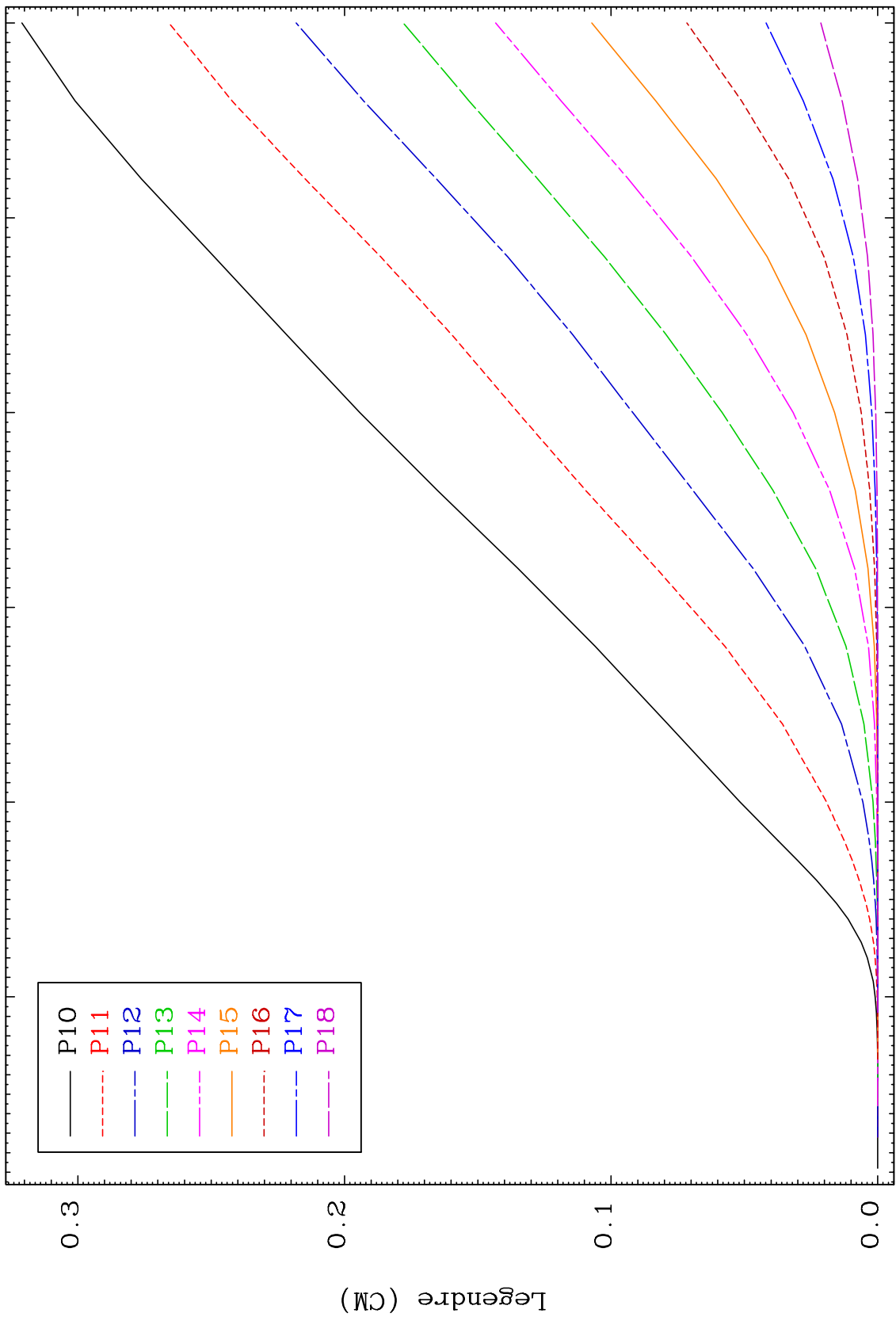
Incident Energy (MeV)

59-Pr-132

MAT 5898

Elastic Legendre Coefficients

59-Pr-132



18

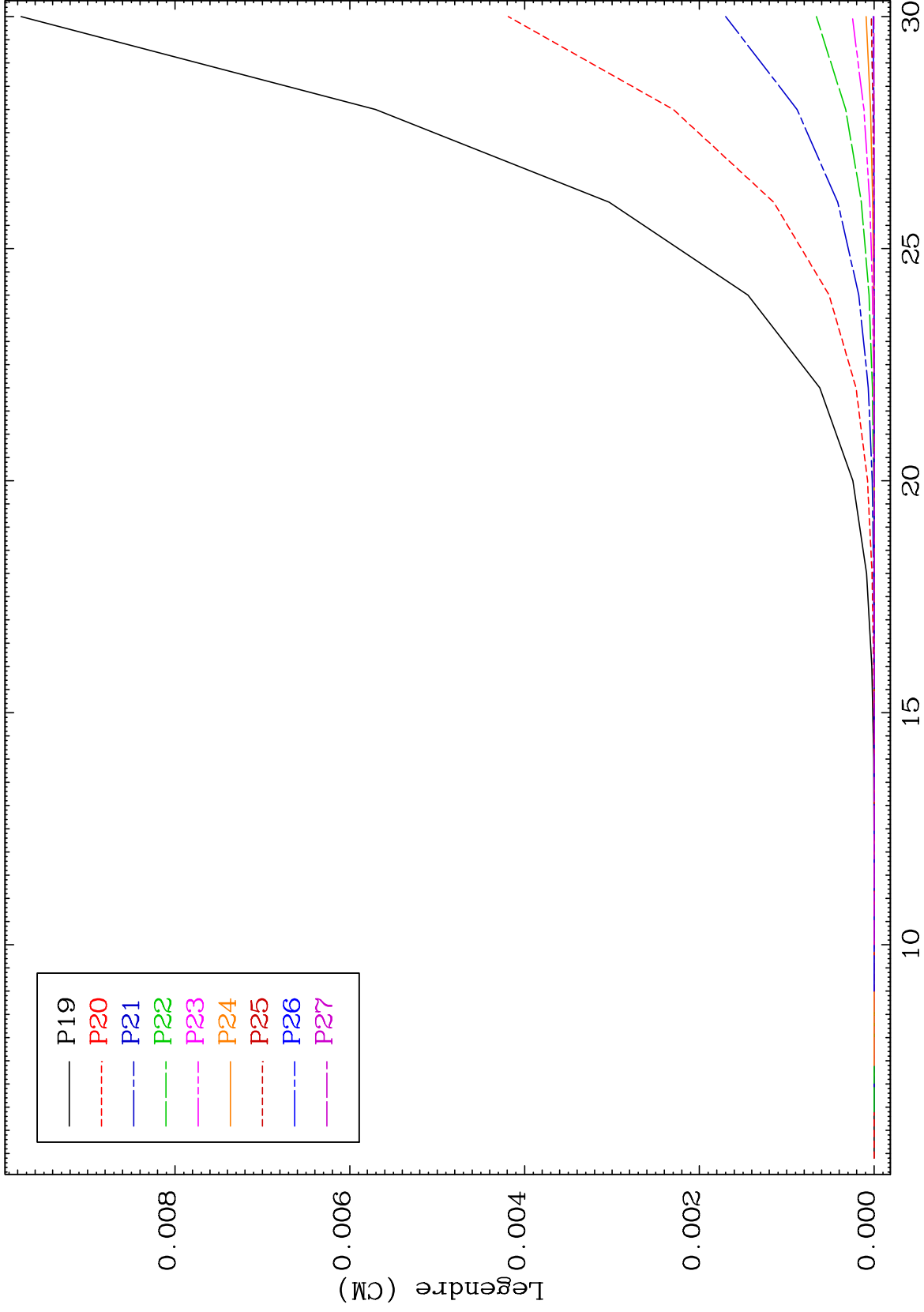
Incident Energy (MeV)

59-Pr-132

MAT 5898

Elastic Legendre Coefficients

59-Pr-132



19

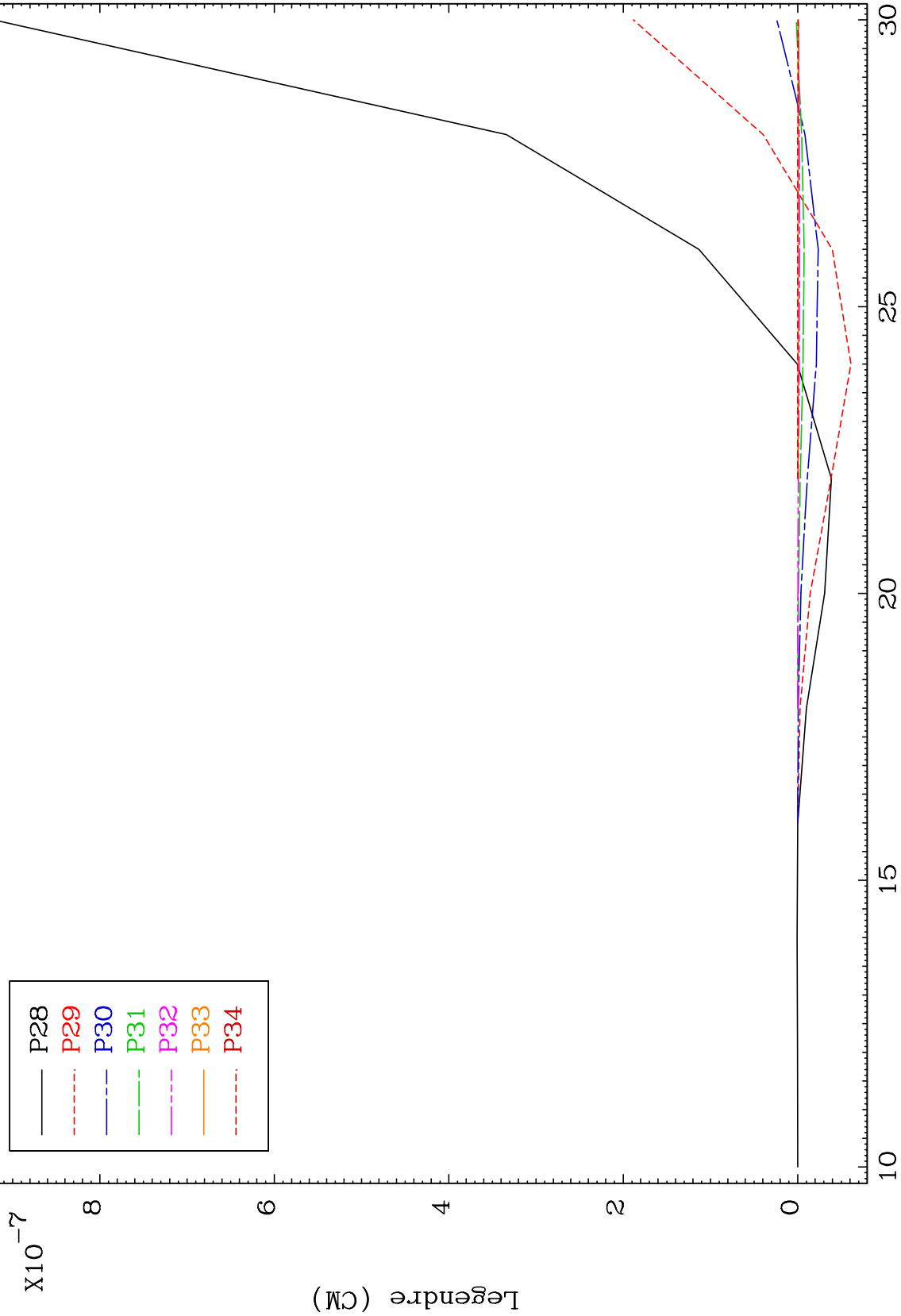
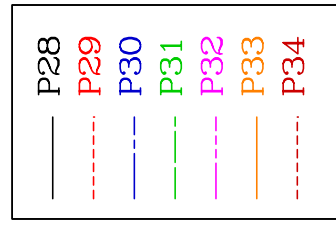
Incident Energy (MeV)

59-Pr-132

MAT 5898

Elastic
Legendre Coefficients

59-Pr-132



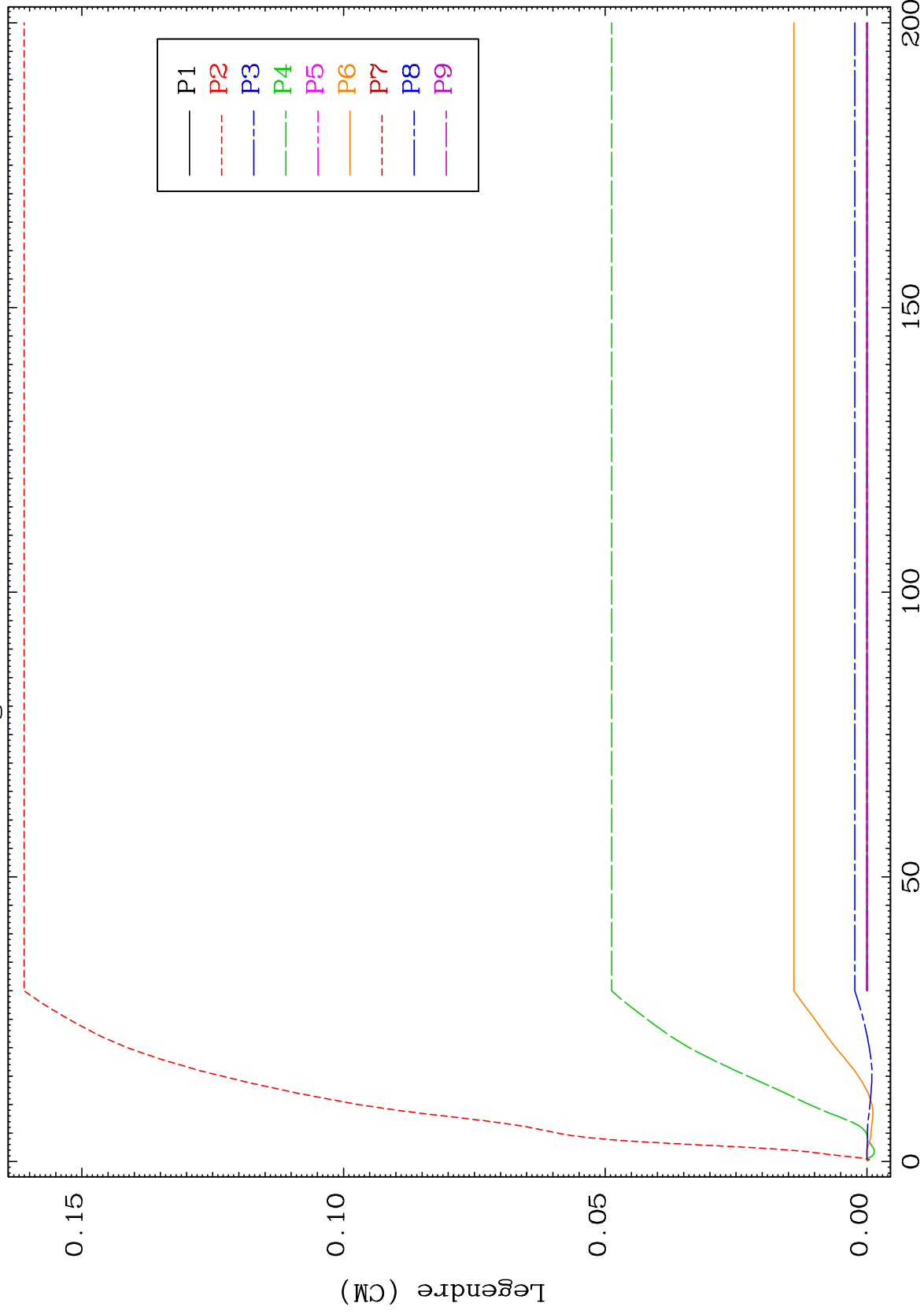
Incident Energy (MeV)

59-Pr-132

MAT 5898

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

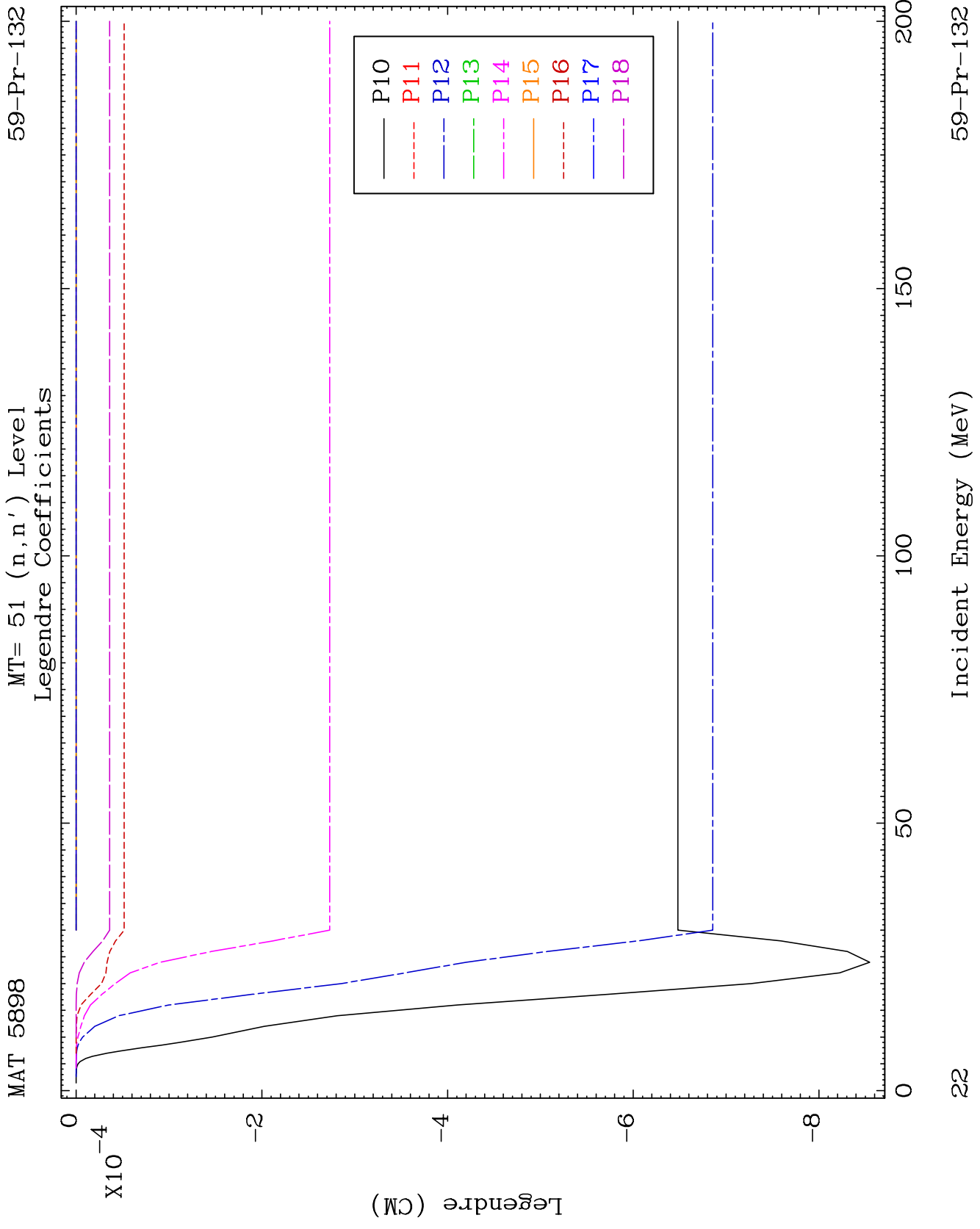
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21

Incident Energy (MeV)

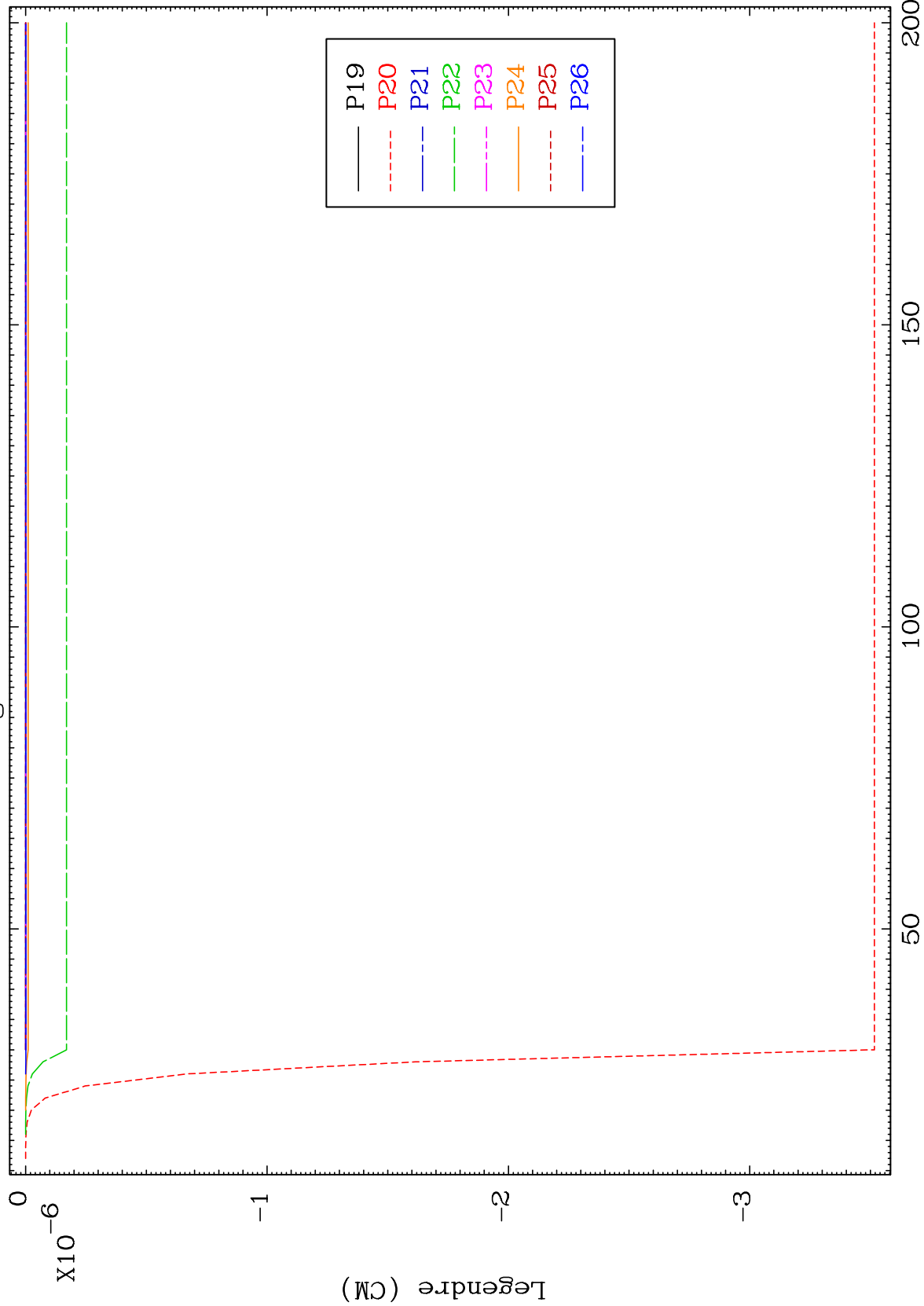
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MAT 5898

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

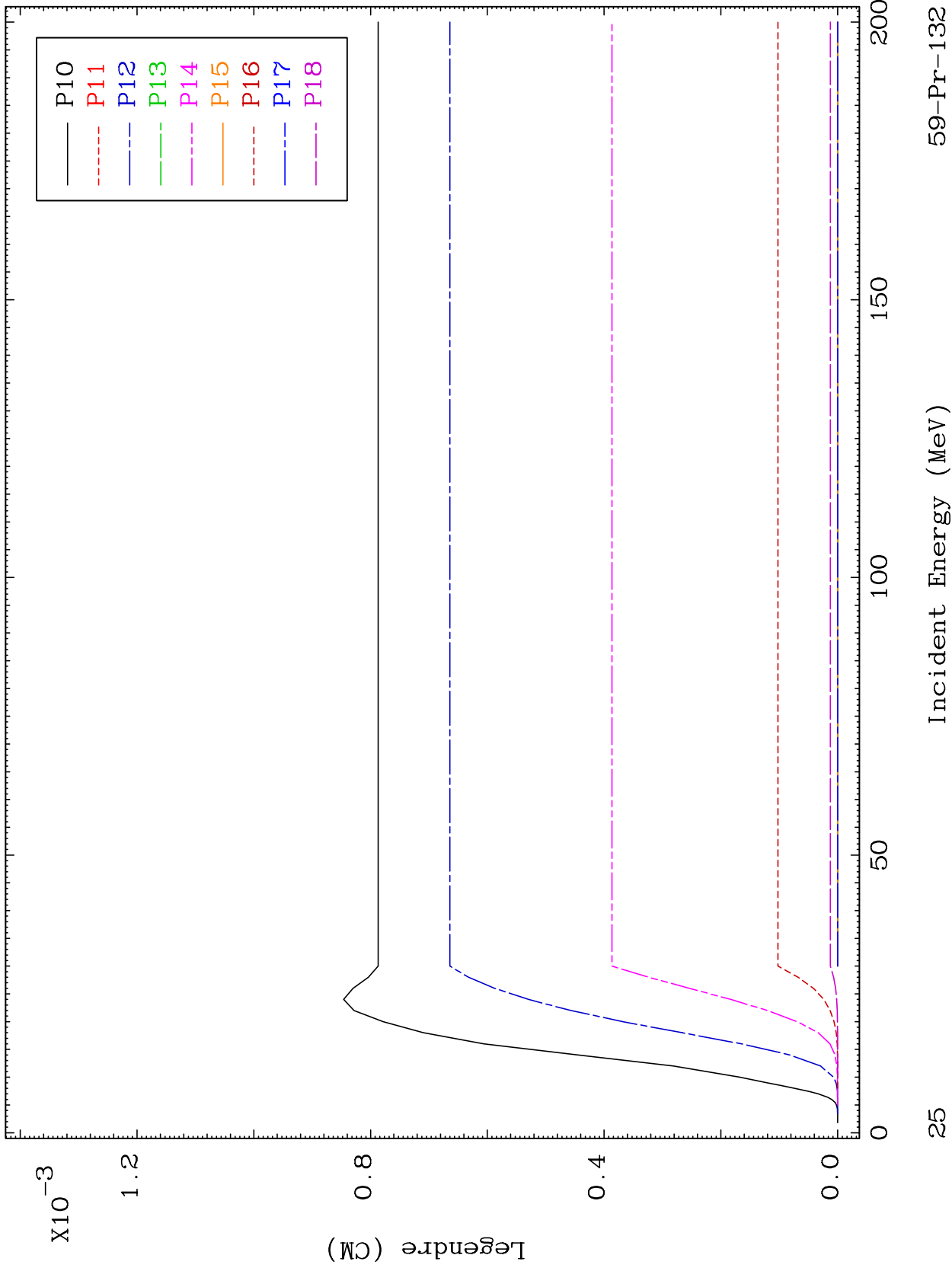
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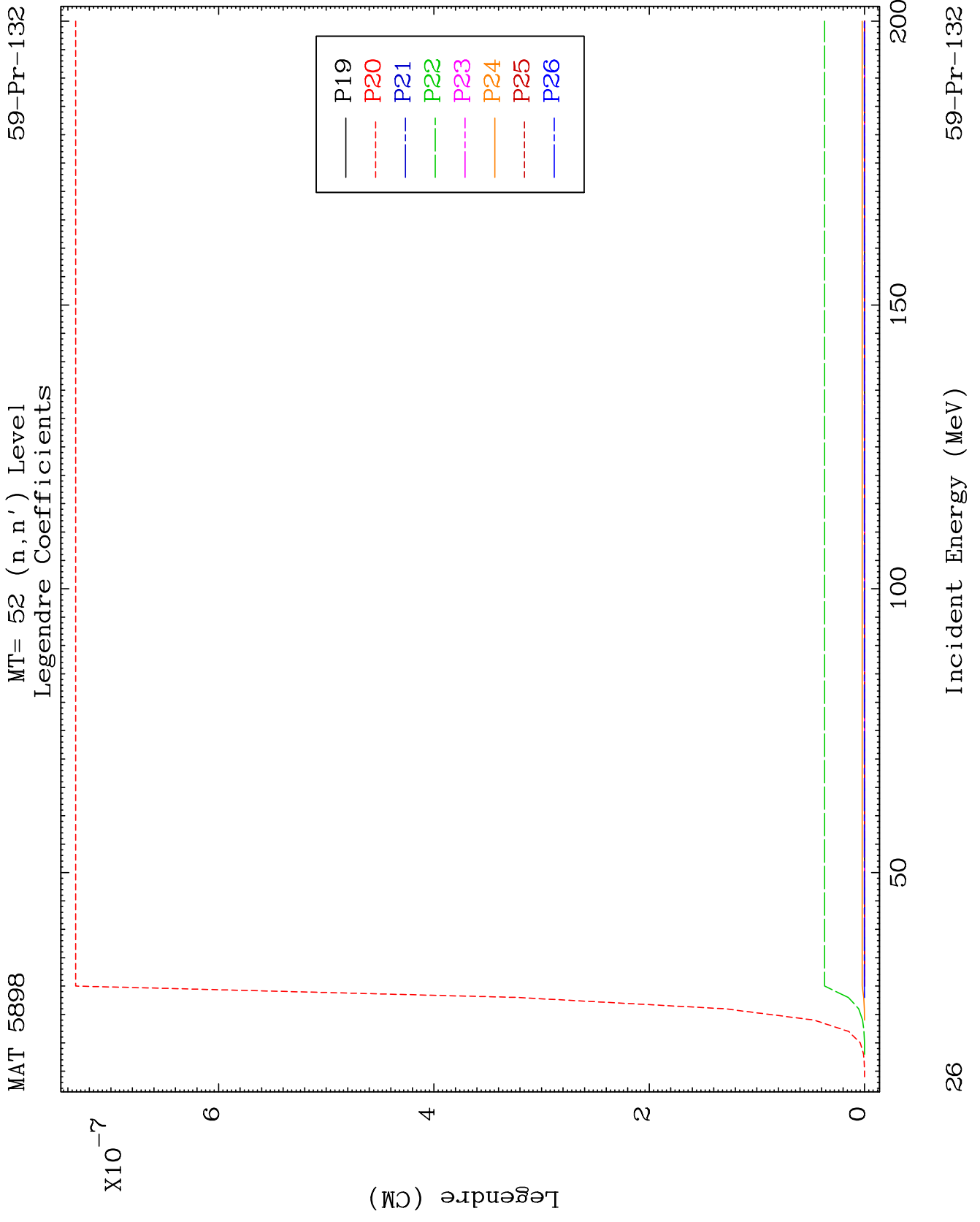
MAT 5898

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

59-Pr-132



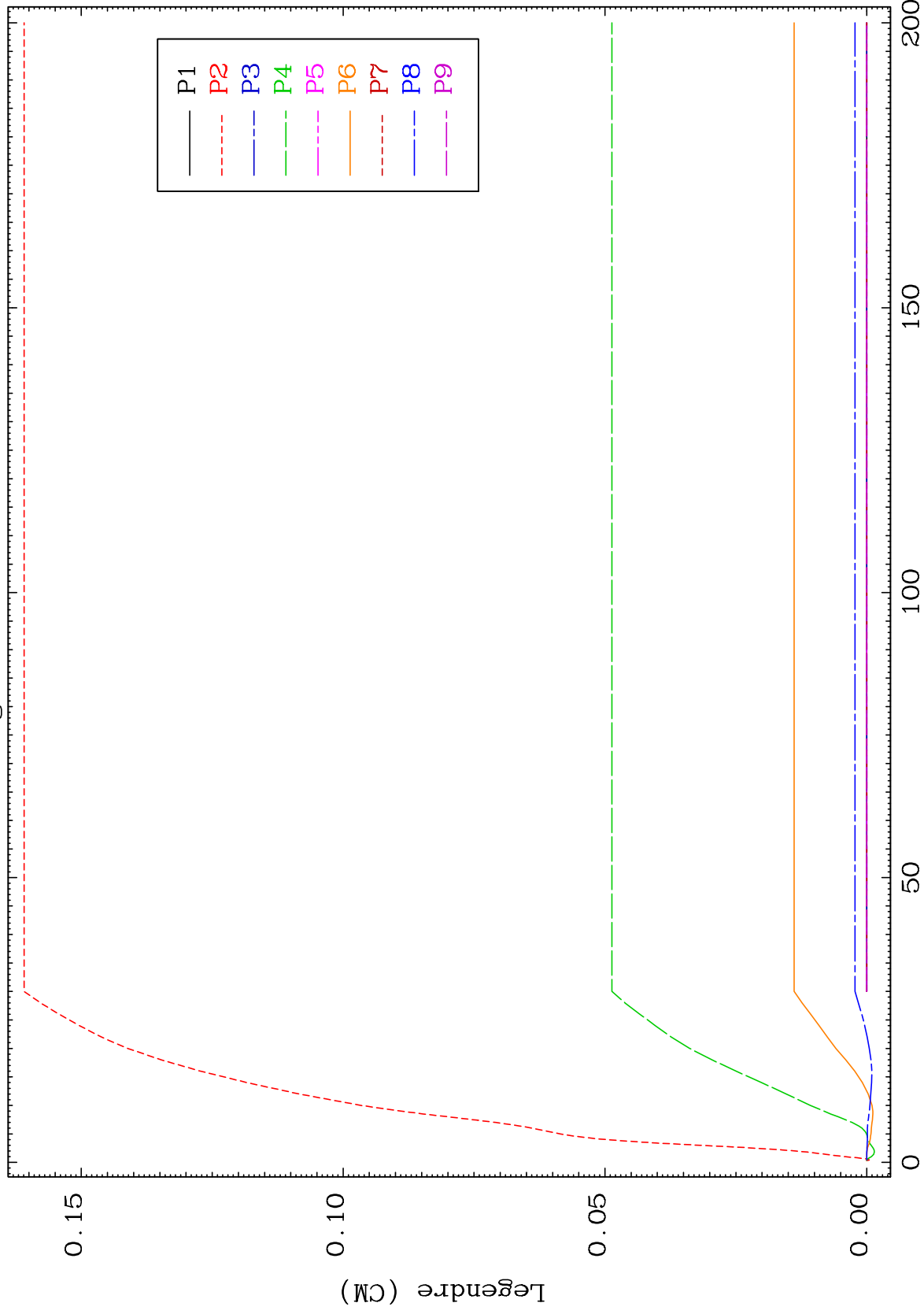
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MAT 5898

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

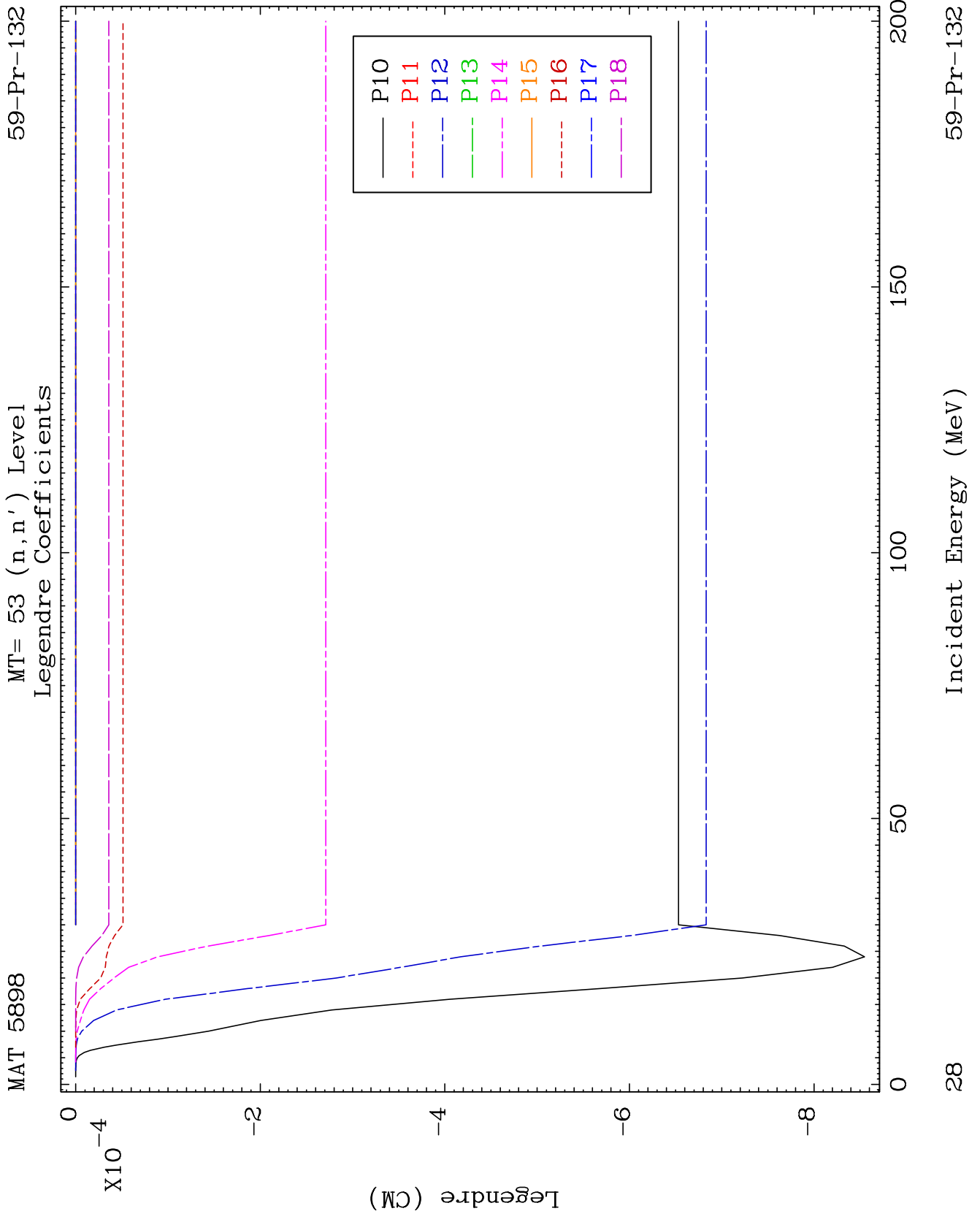
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Incident Energy (MeV)

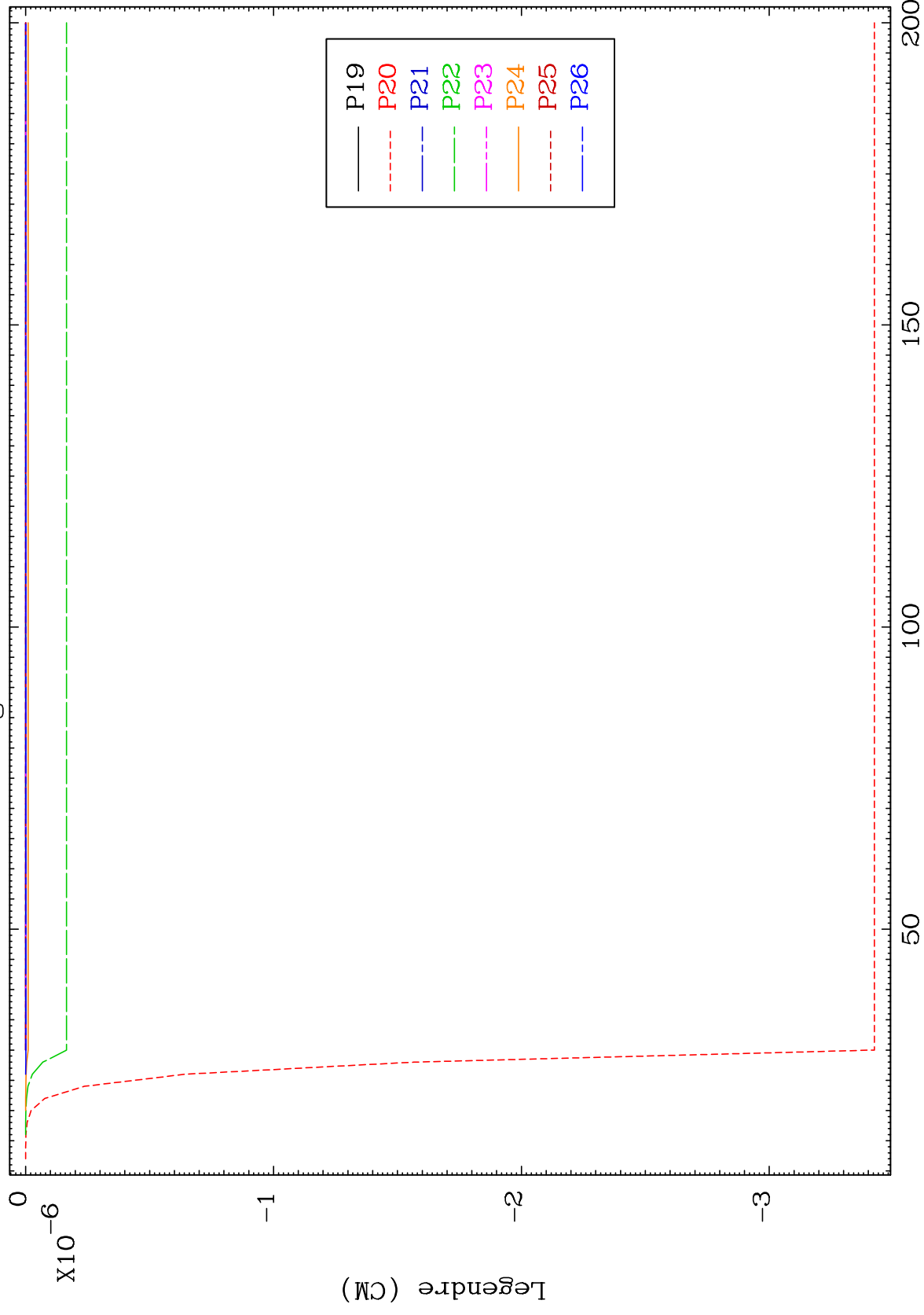
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MAT 5898

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

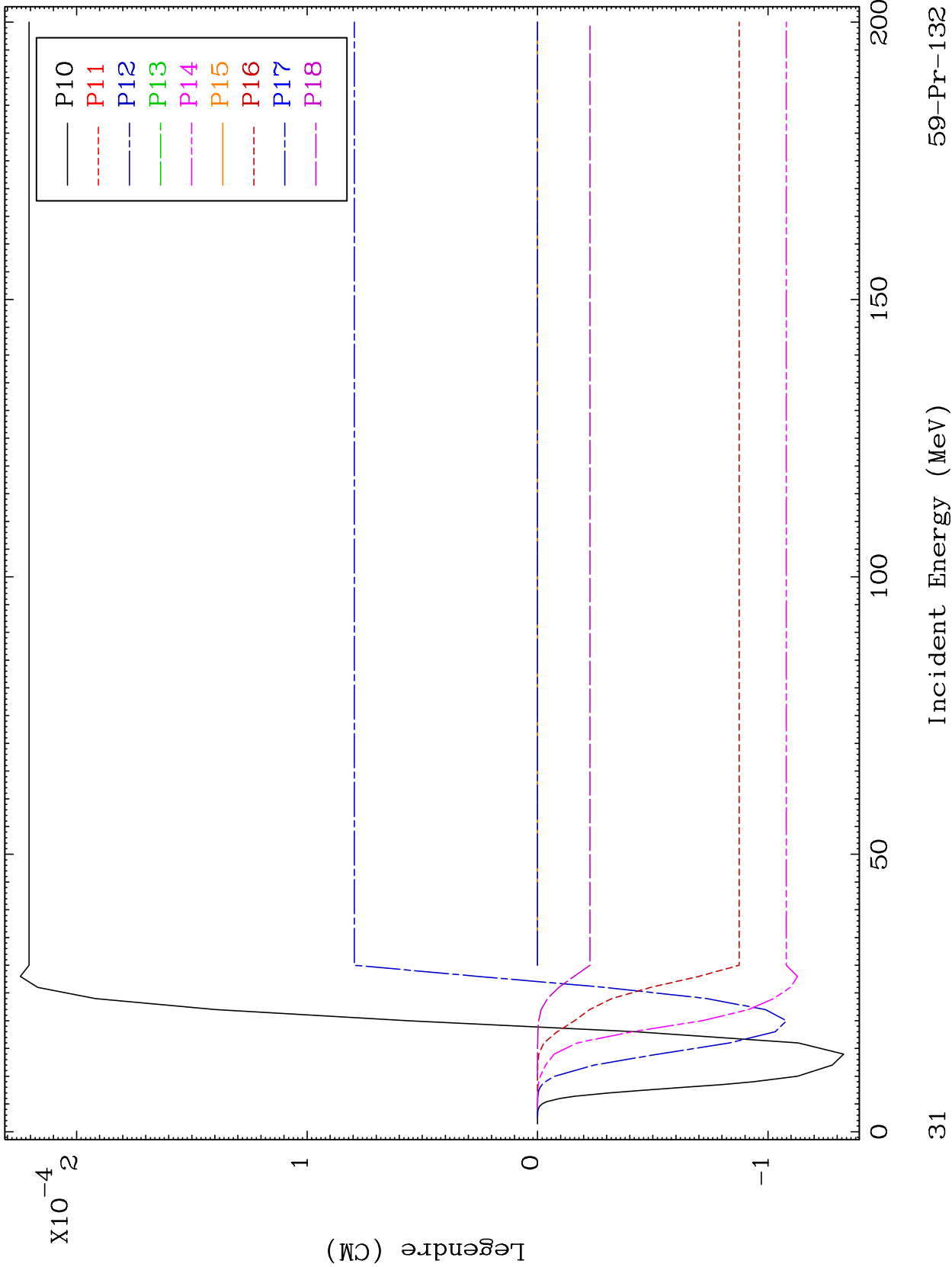
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29

Incident Energy (MeV)

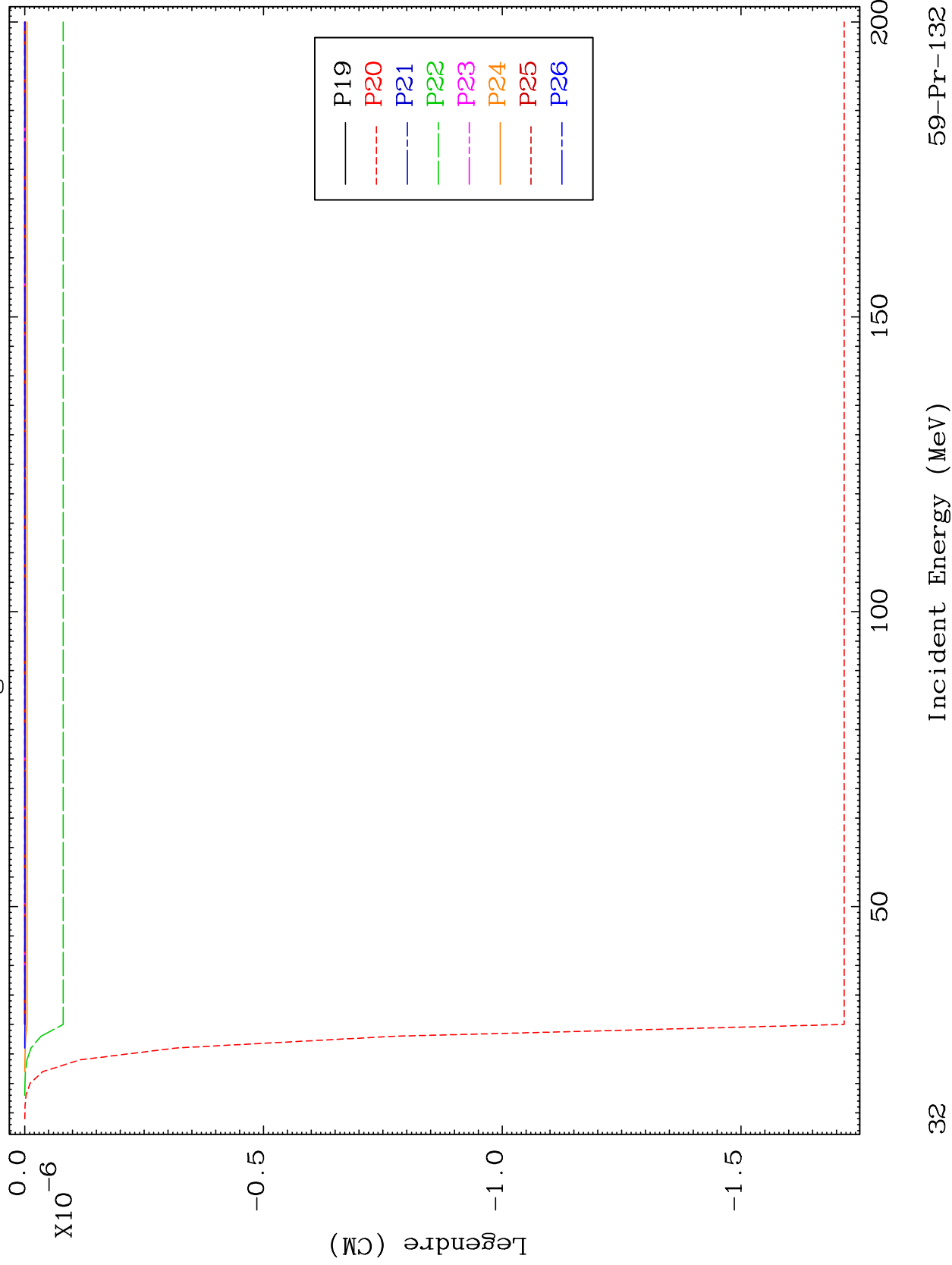
59-Pr-132



MAT 5898

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

59-Pr-132



32

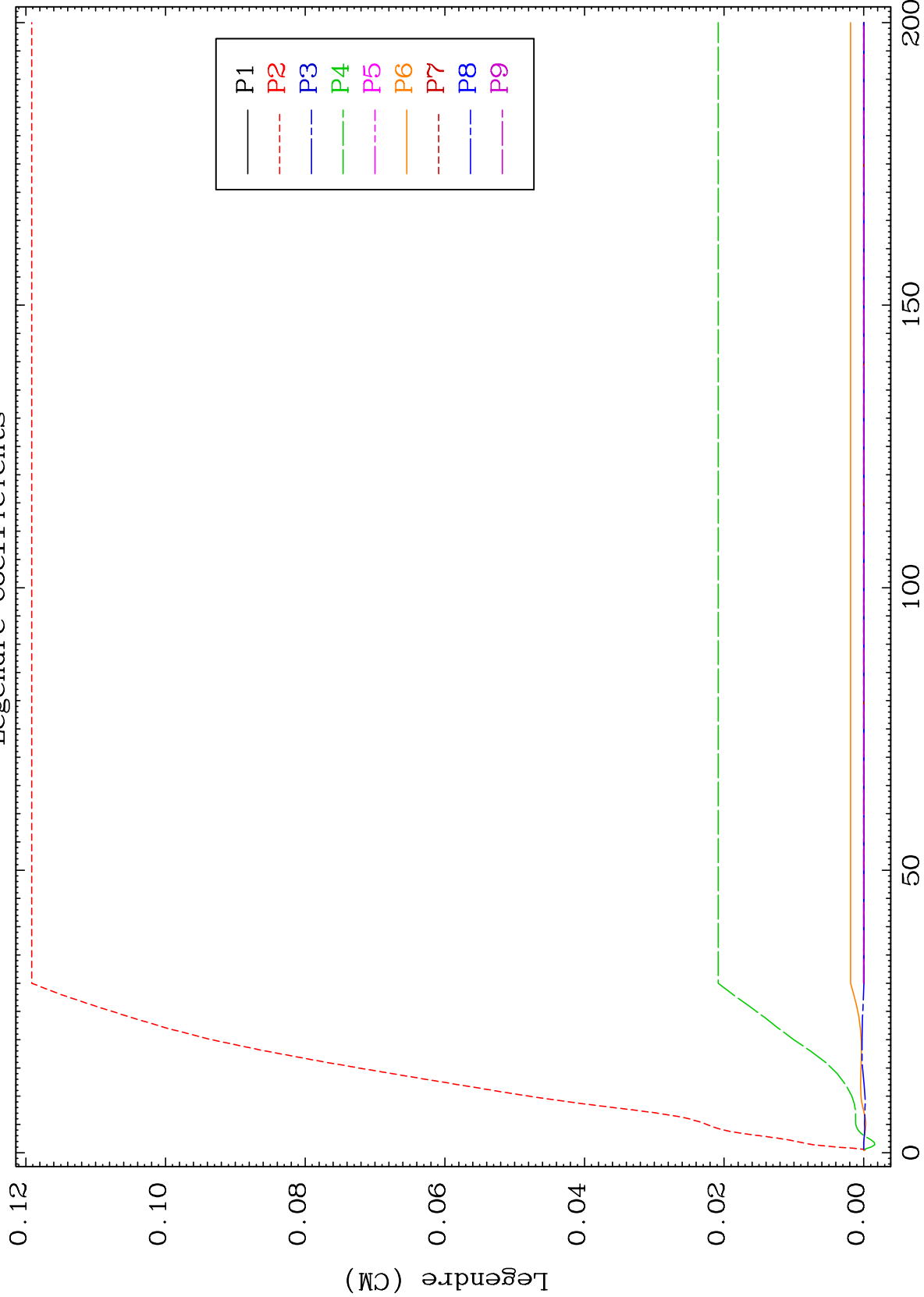
Incident Energy (MeV)

59-Pr-132

MAT 5898

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

59-Pr-132



33

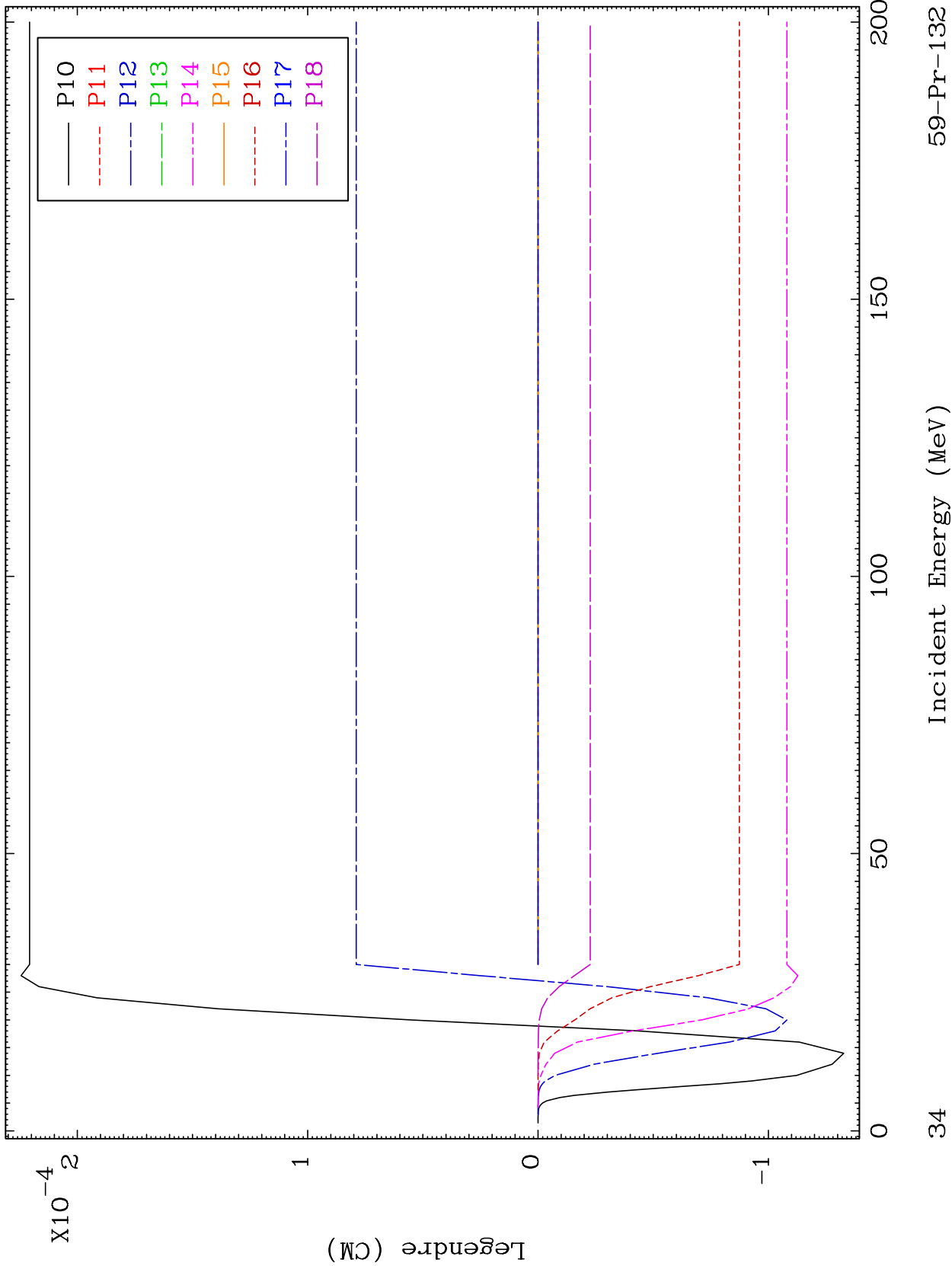
Incident Energy (MeV)

59-Pr-132

MAT 5898

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

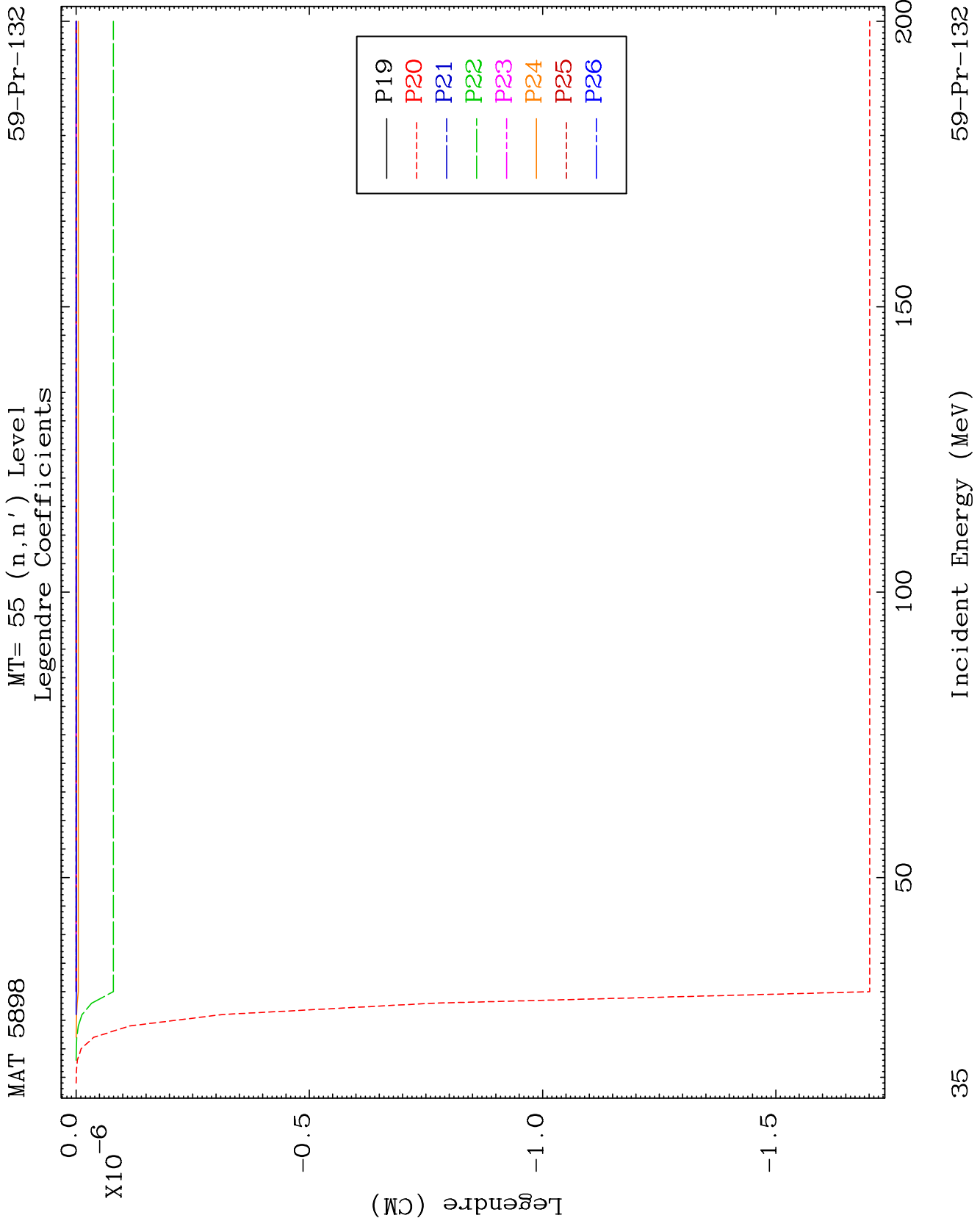
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34

Incident Energy (MeV)

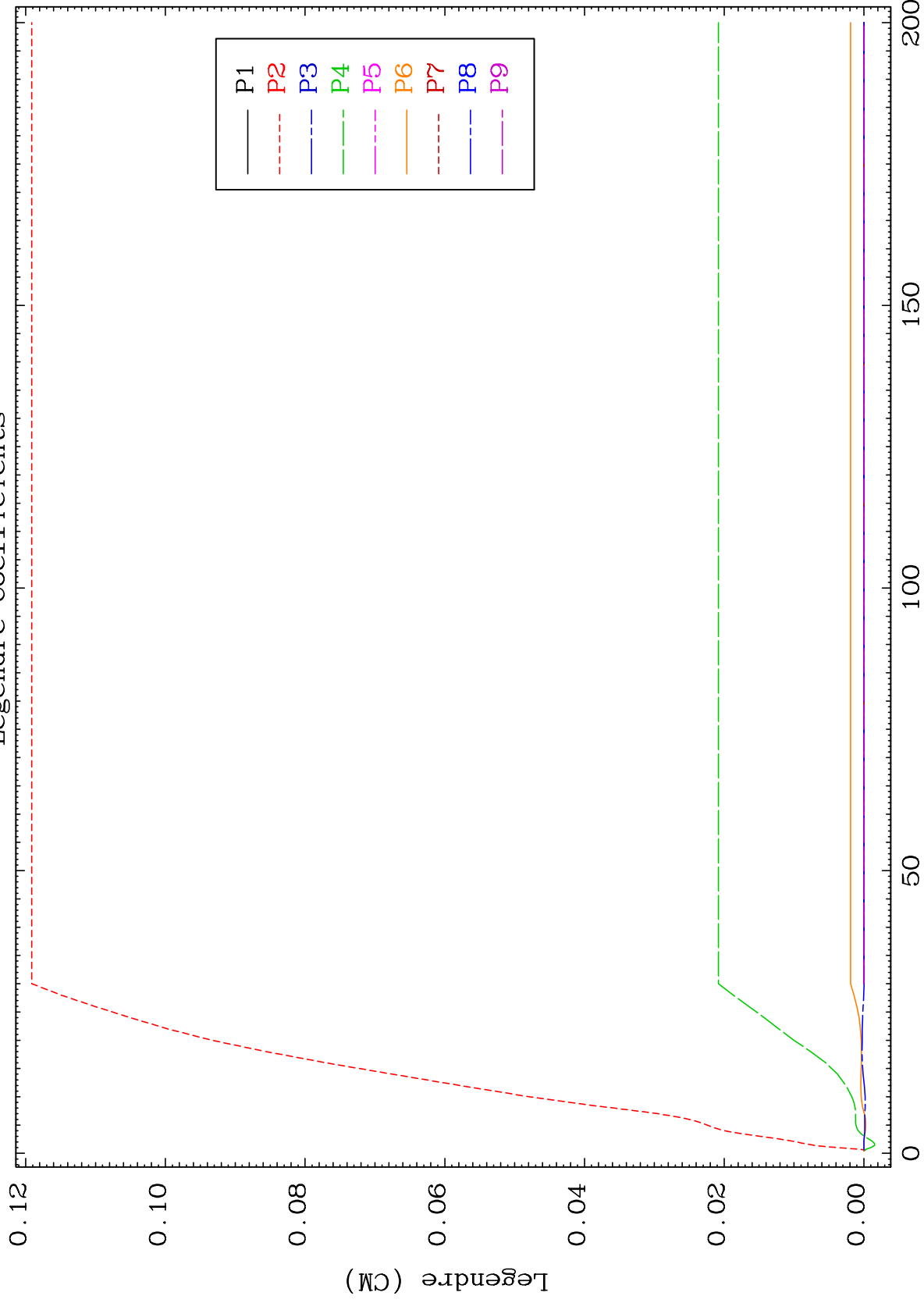
59-Pr-132



MAT 5898

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

59-Pr-132



36

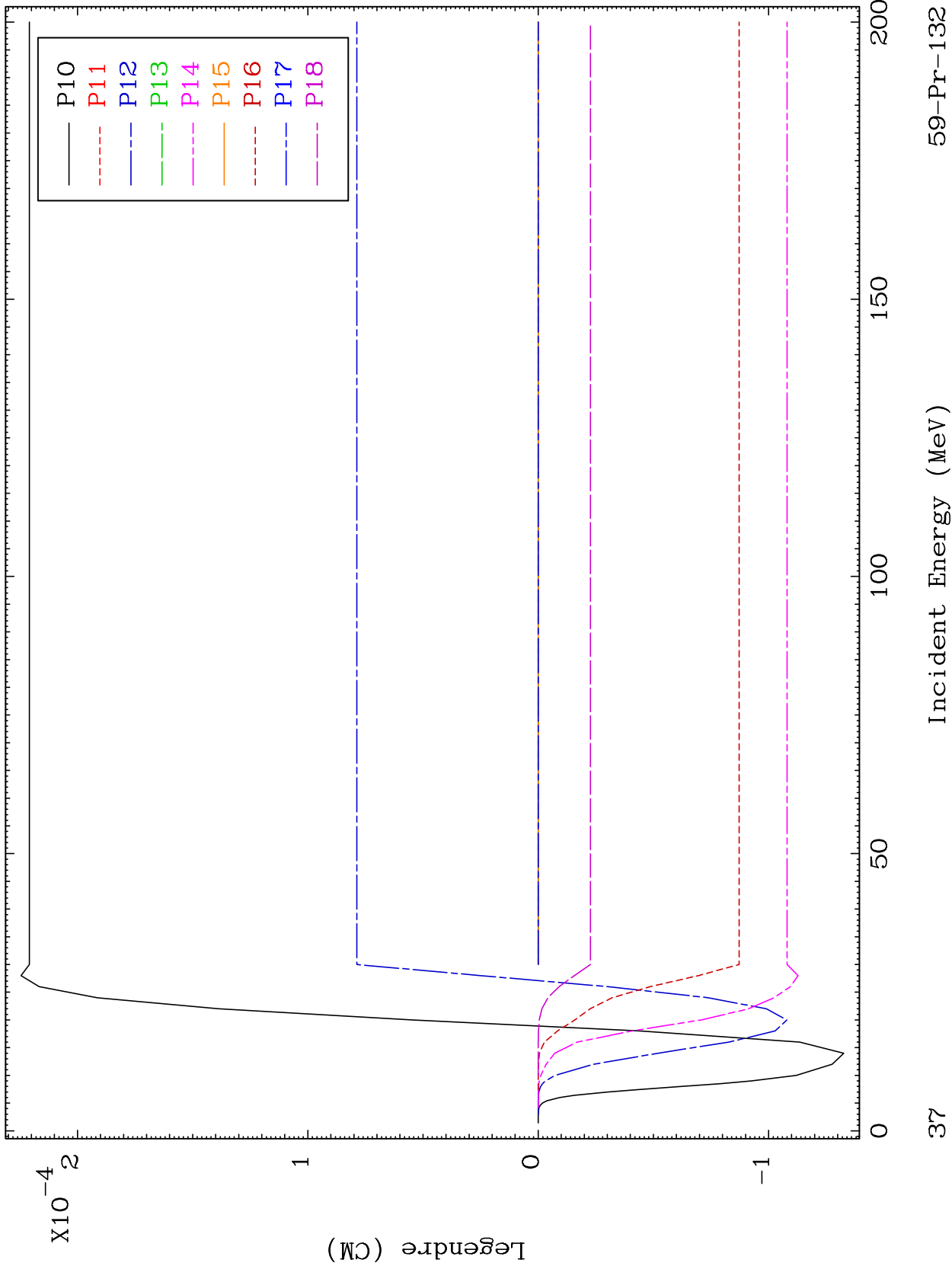
Incident Energy (MeV)

59-Pr-132

MAT 5898

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

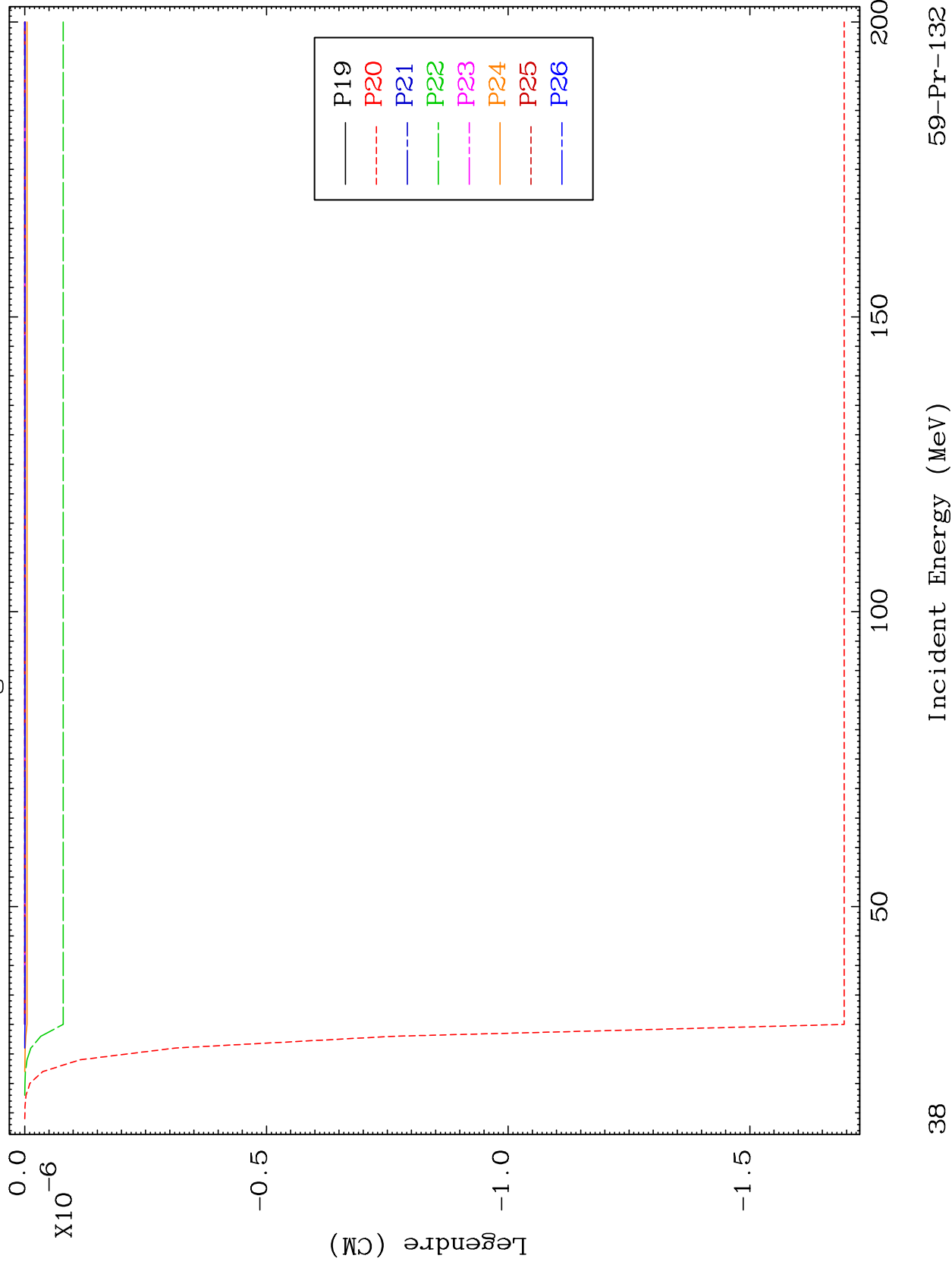
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MAT 5898

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

59-Pr-132



38

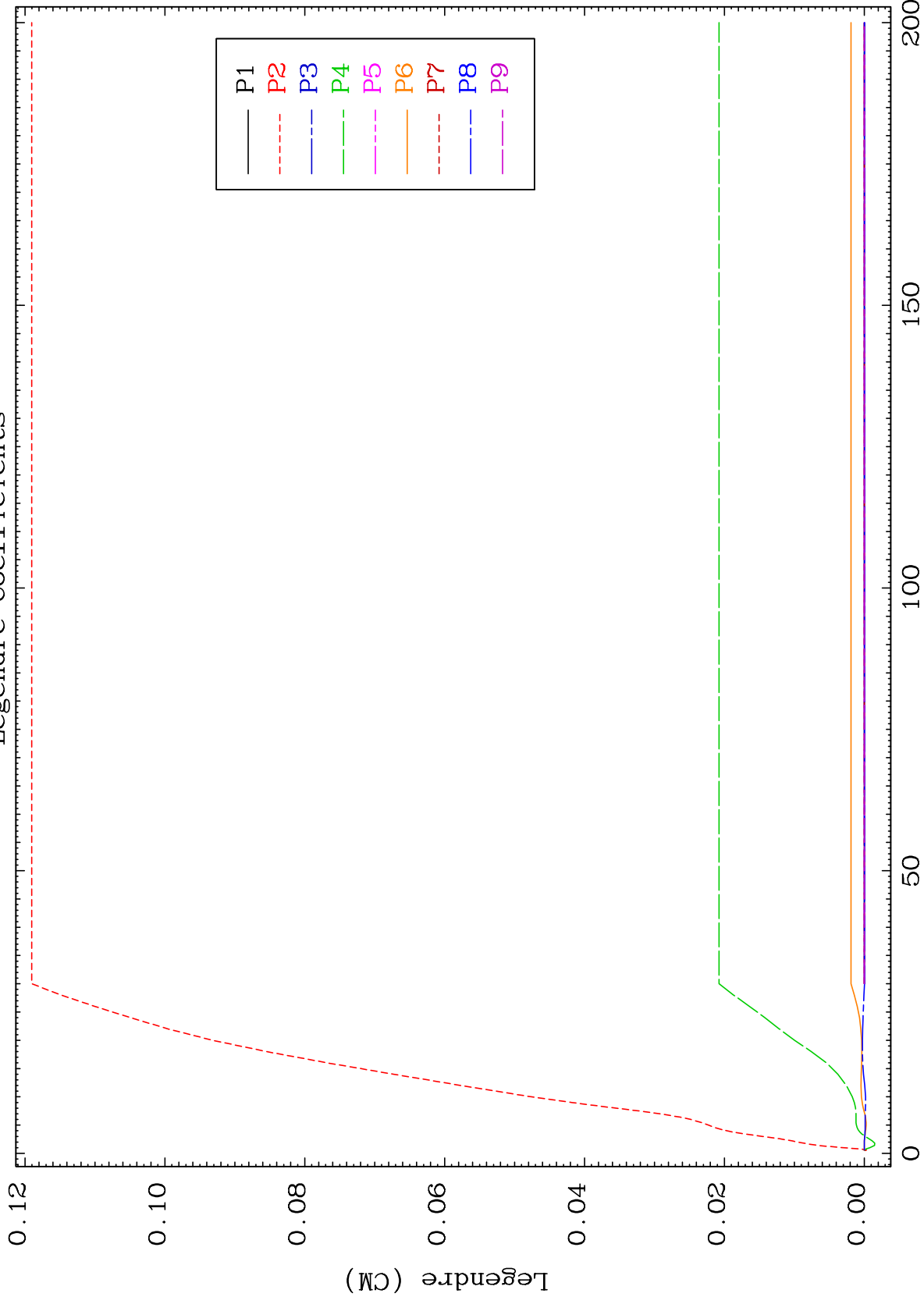
Incident Energy (MeV)

59-Pr-132

MAT 5898

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

59-Pr-132



39

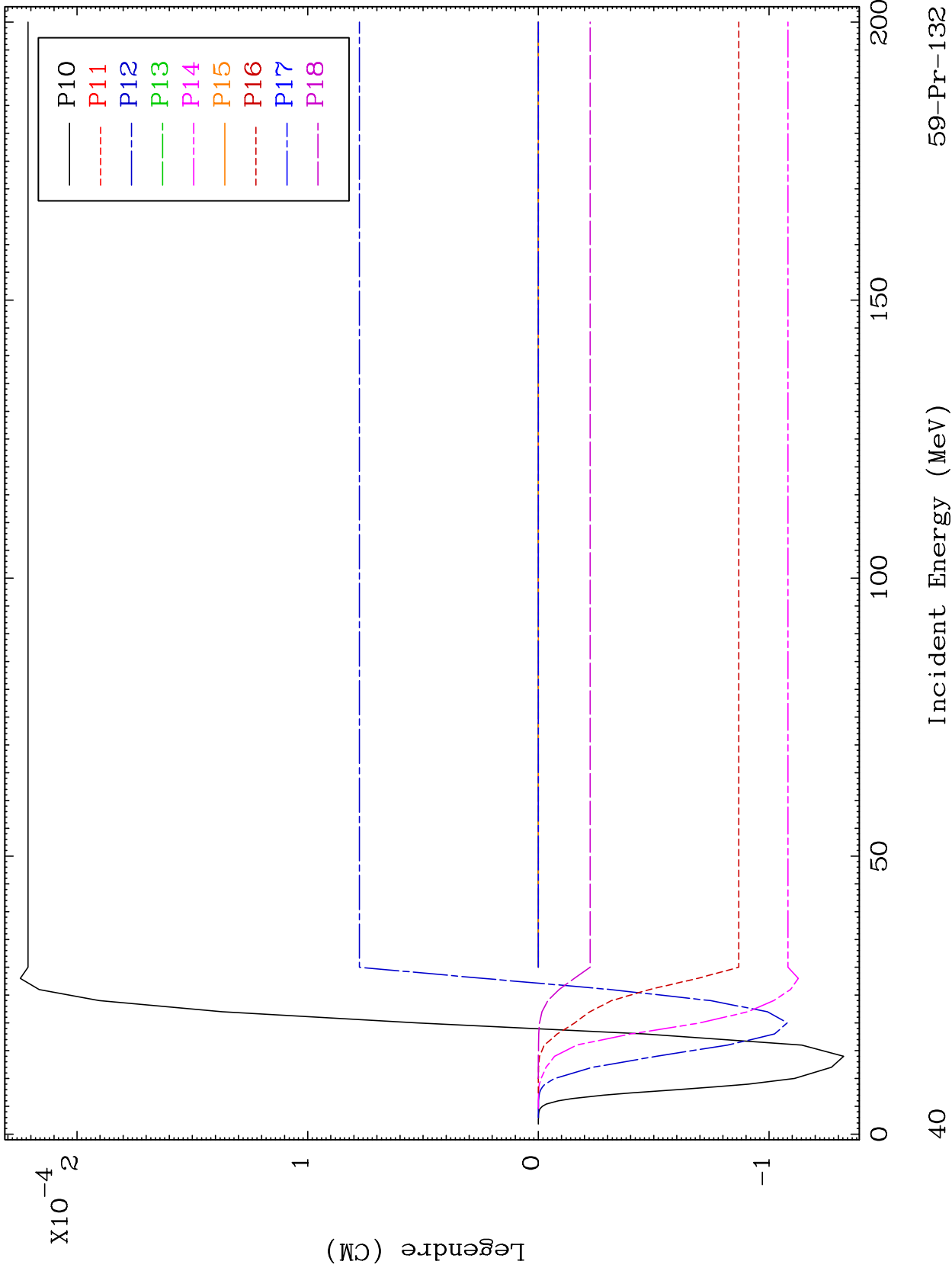
Incident Energy (MeV)

59-Pr-132

MAT 5898

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

59-Pr-132

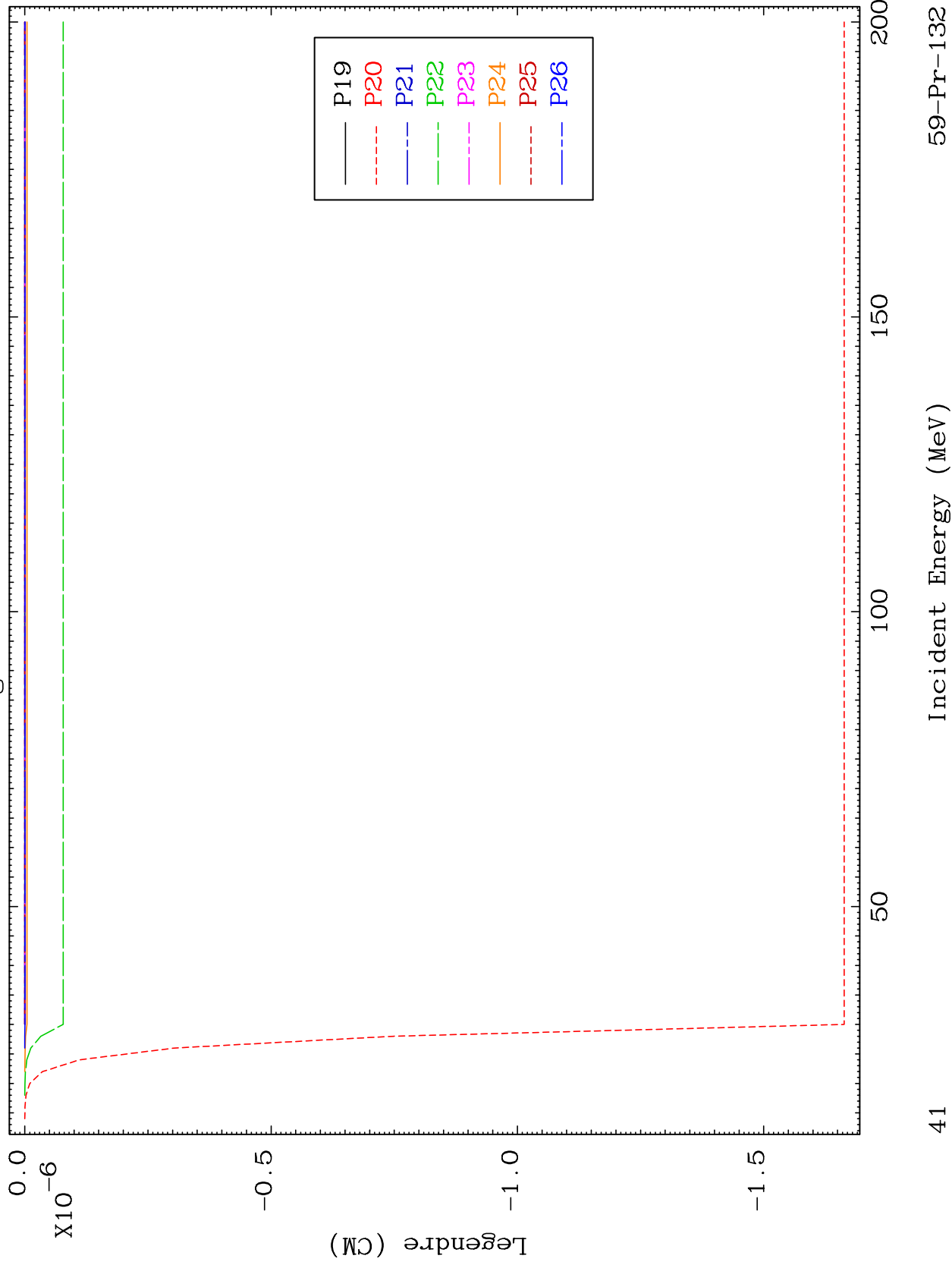


59-Pr-132

MAT 5898

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

59-Pr-132



41

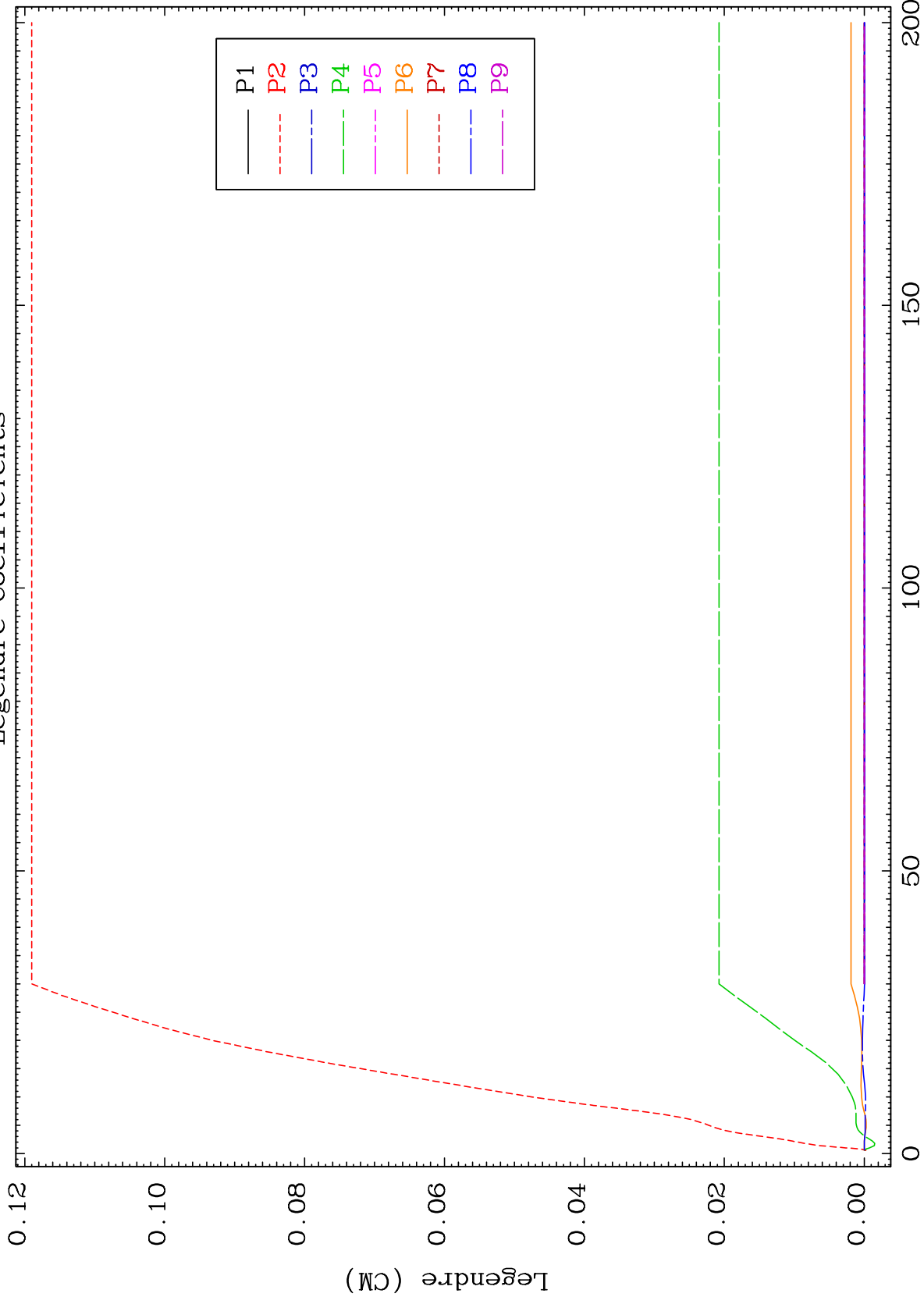
Incident Energy (MeV)

59-Pr-132

MAT 5898

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

59-Pr-132



59-Pr-132

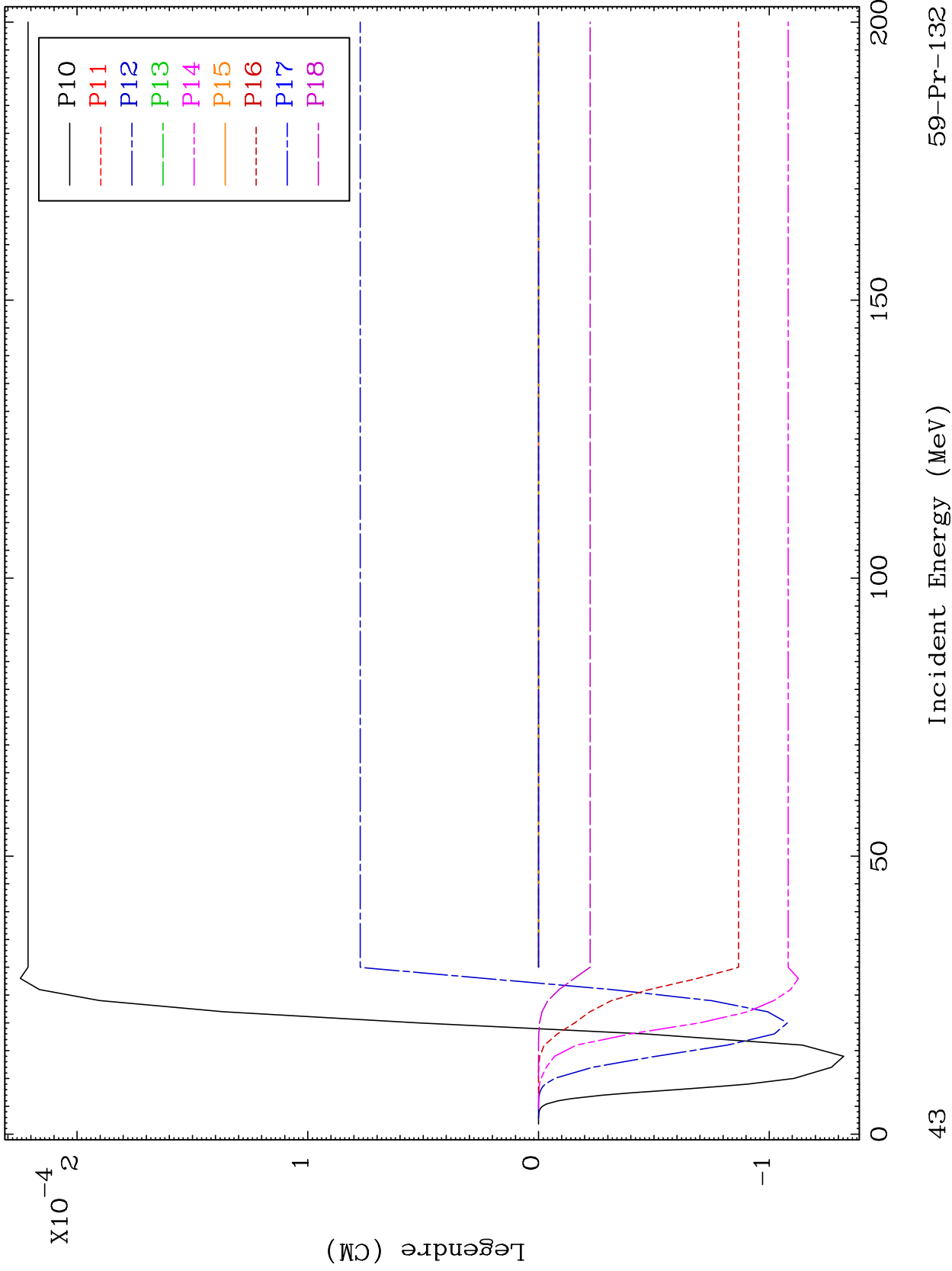
Incident Energy (MeV)

42

MAT 5898

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

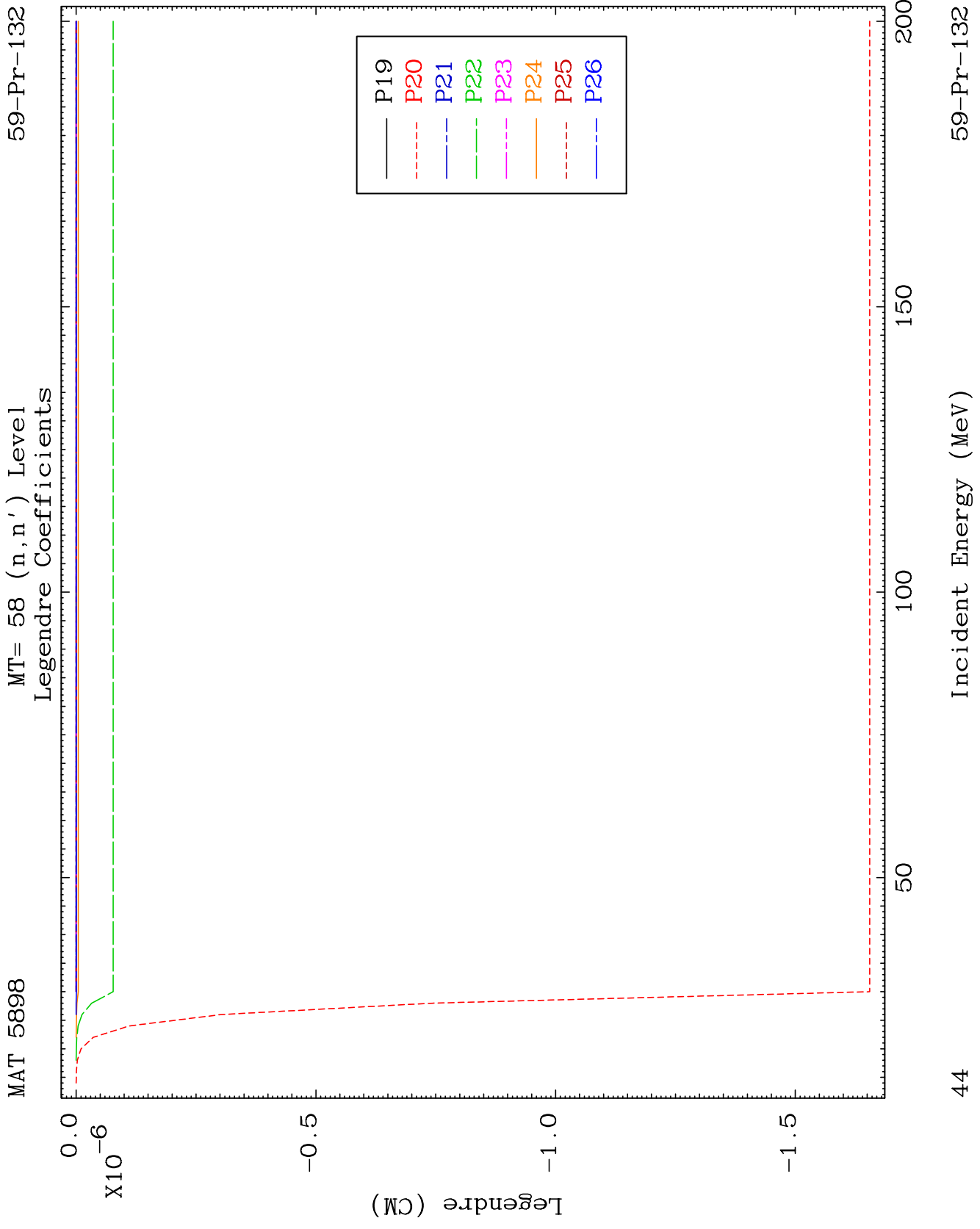
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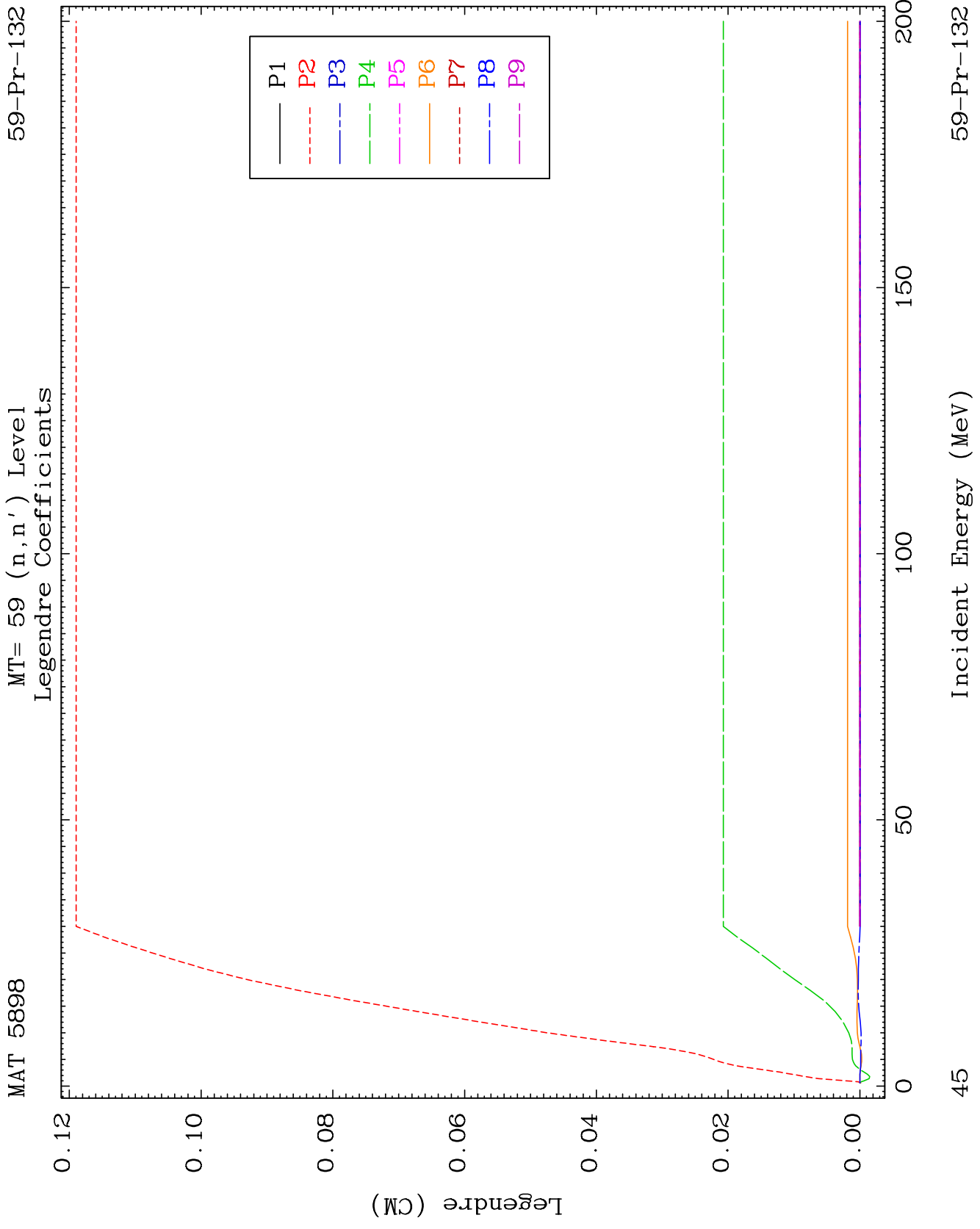


43

Incident Energy (MeV)

59-Pr-132

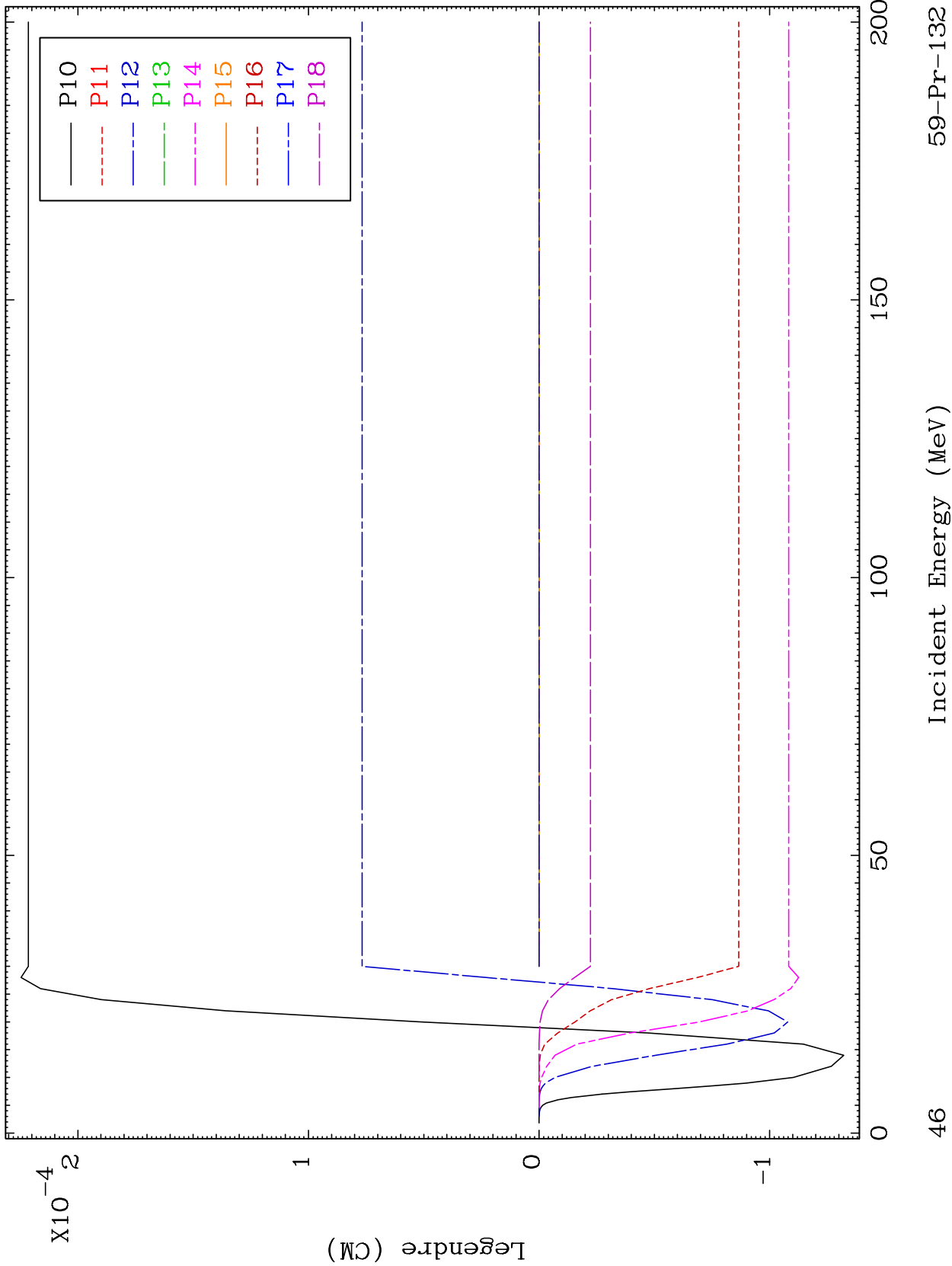




MAT 5898

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

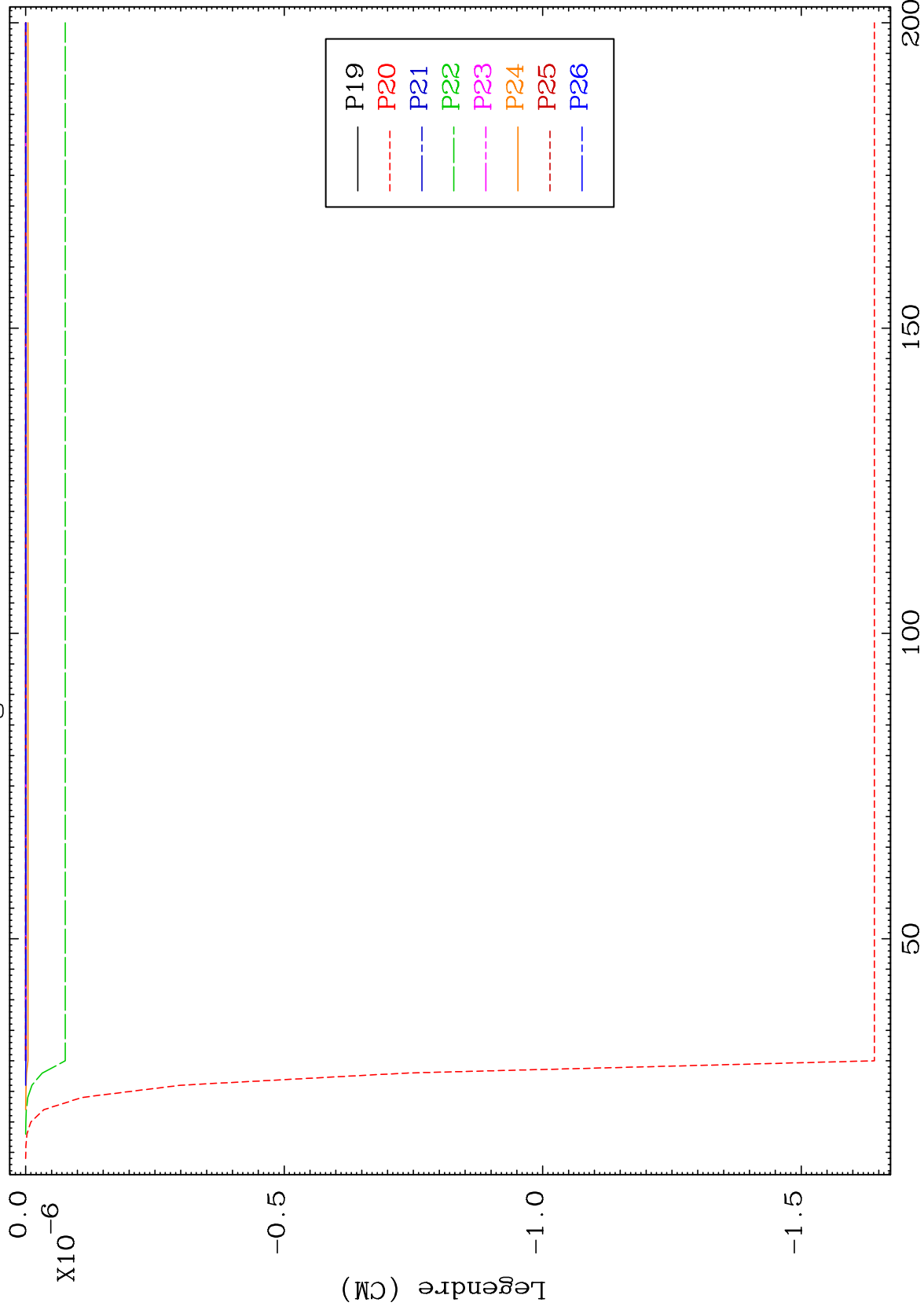
59-Pr-132



MAT 5898

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

59-Pr-132



59-Pr-132

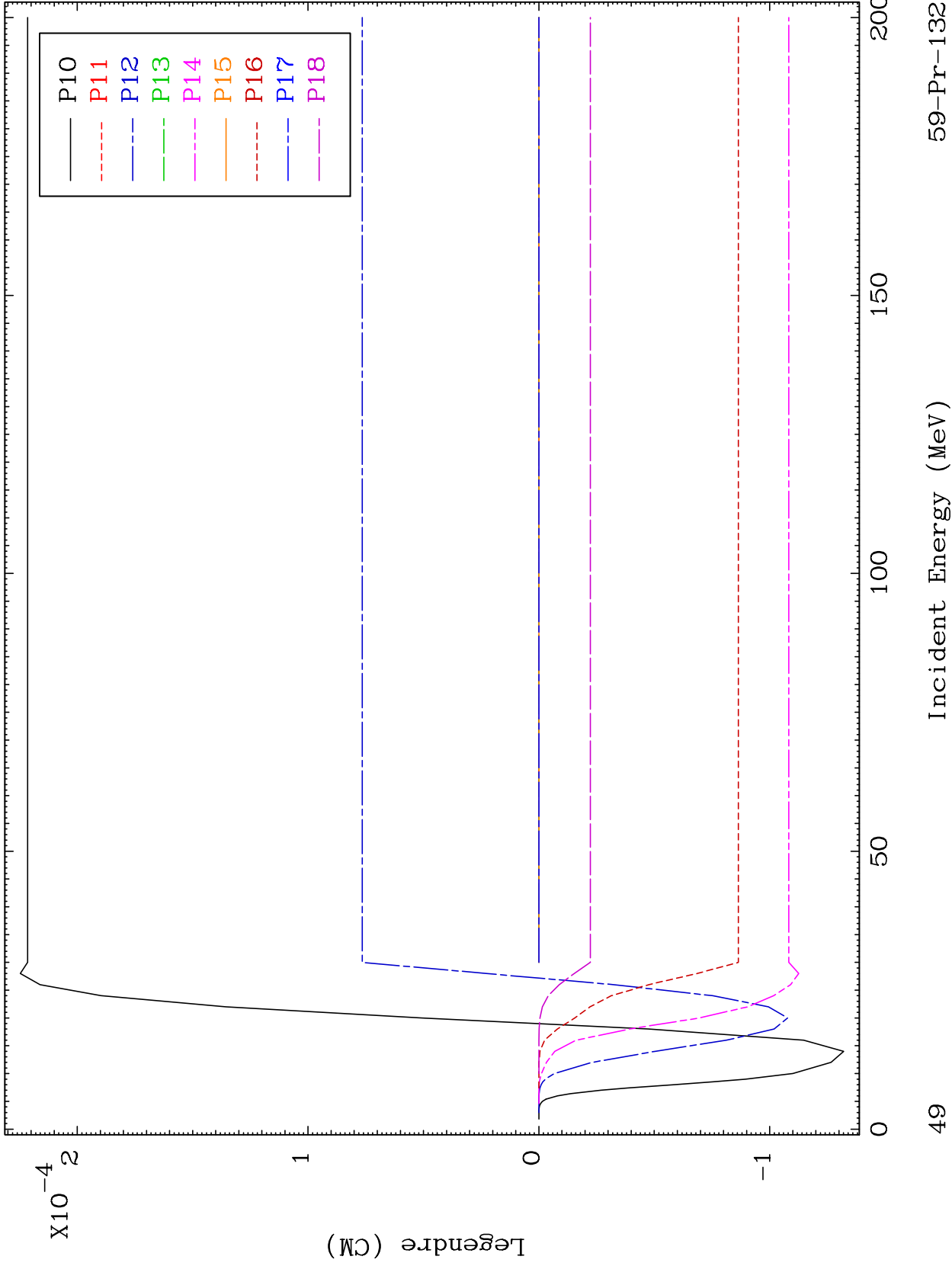
Incident Energy (MeV)

47

MAT 5898

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

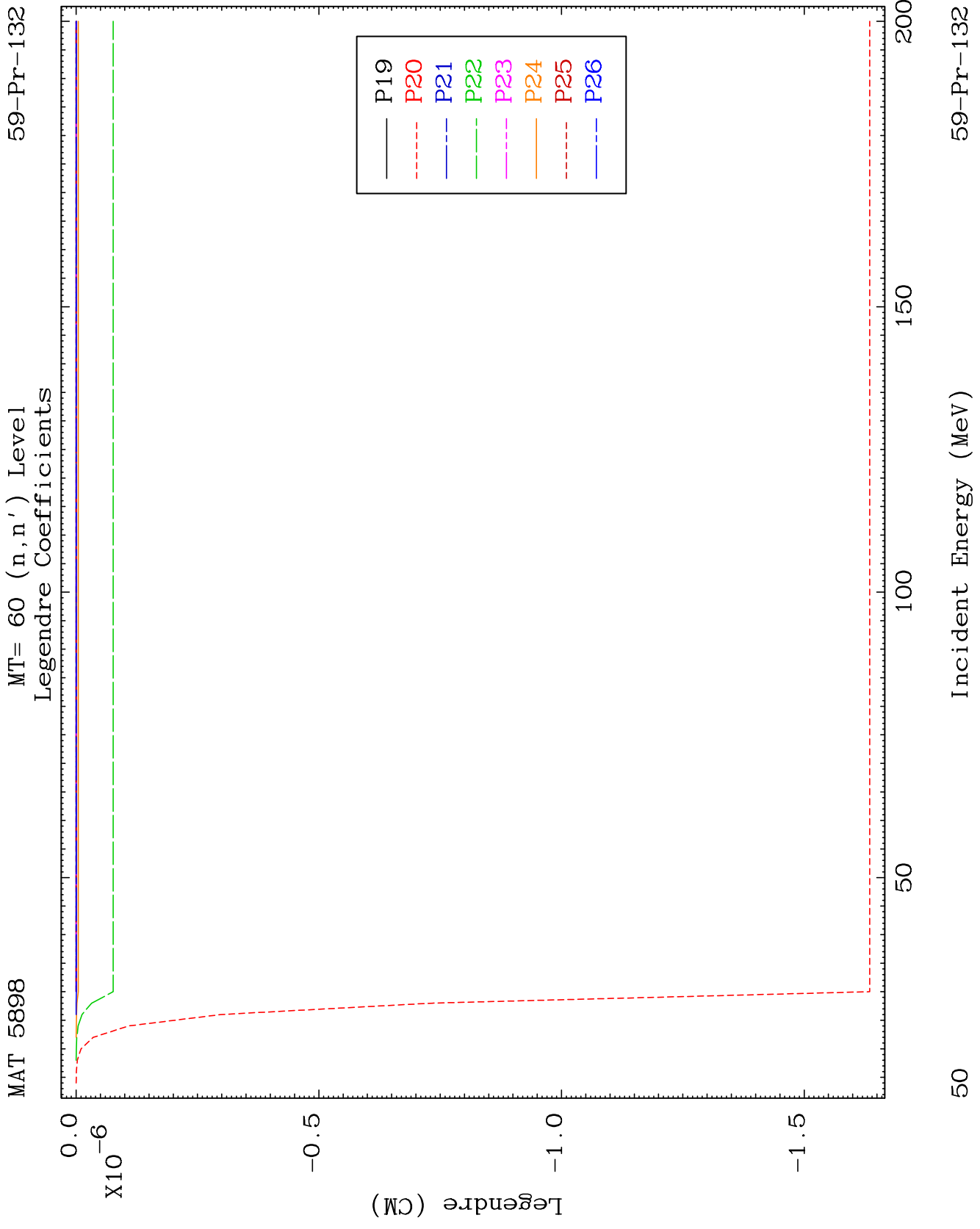
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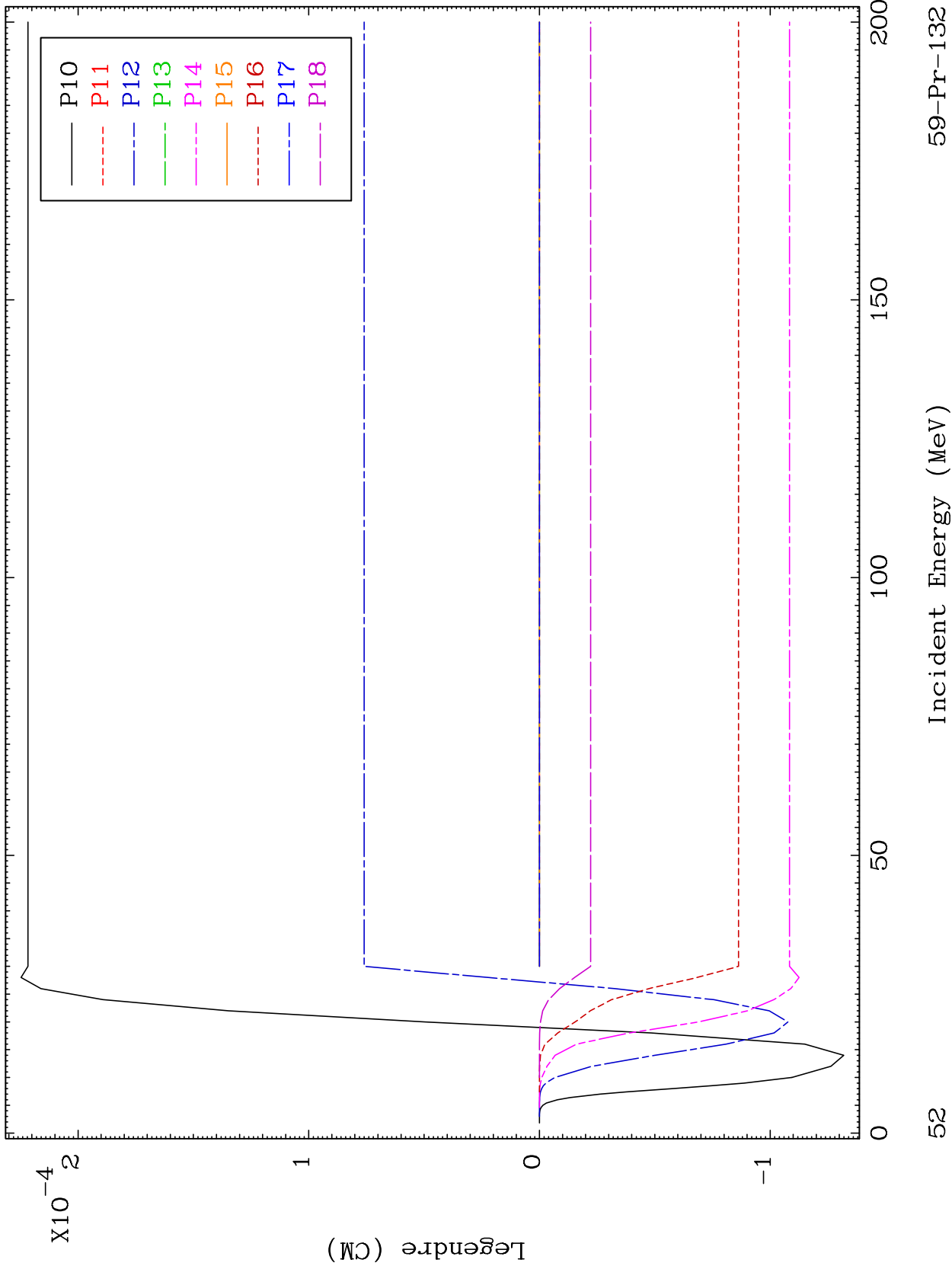


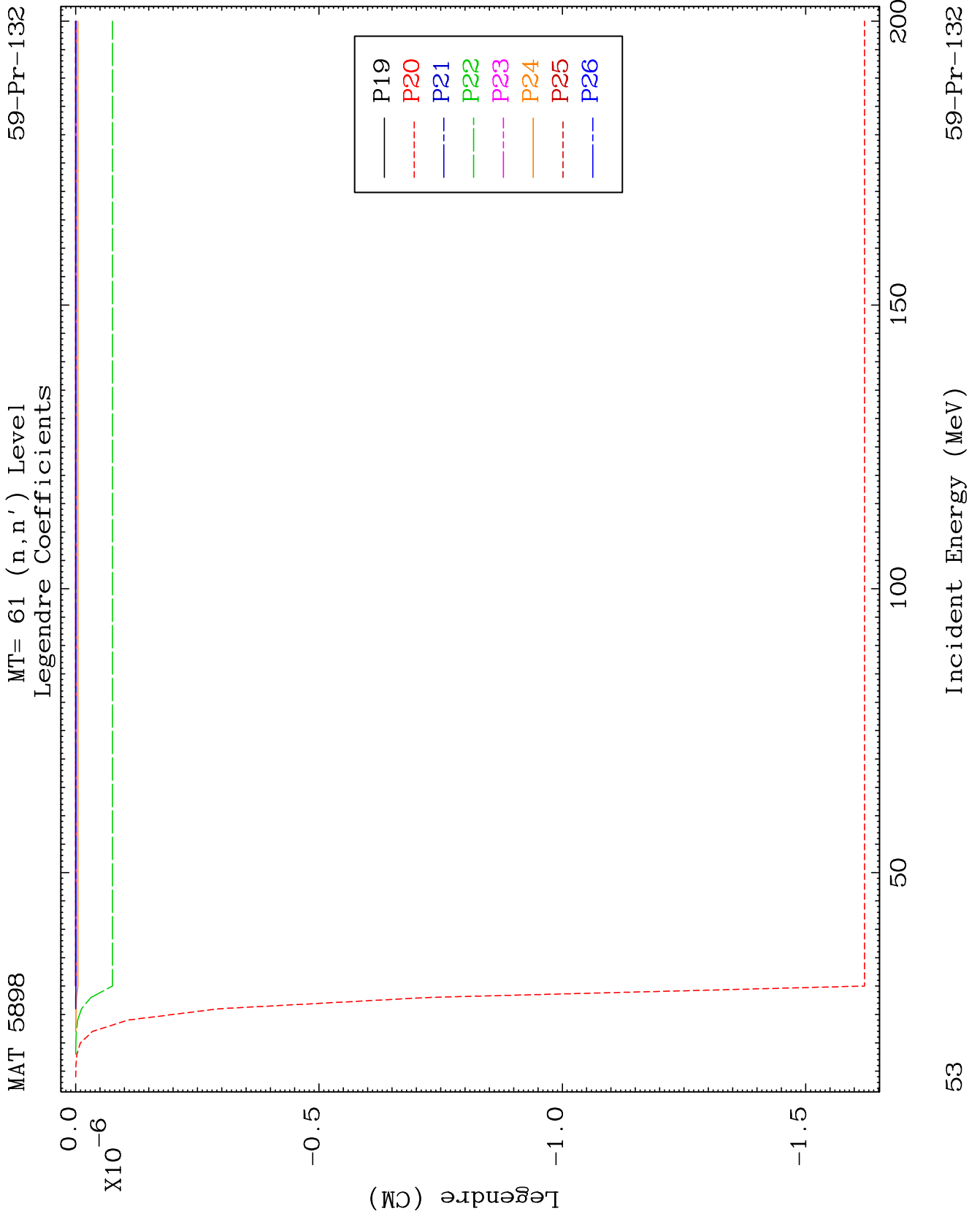
49

Incident Energy (MeV)

59-Pr-132



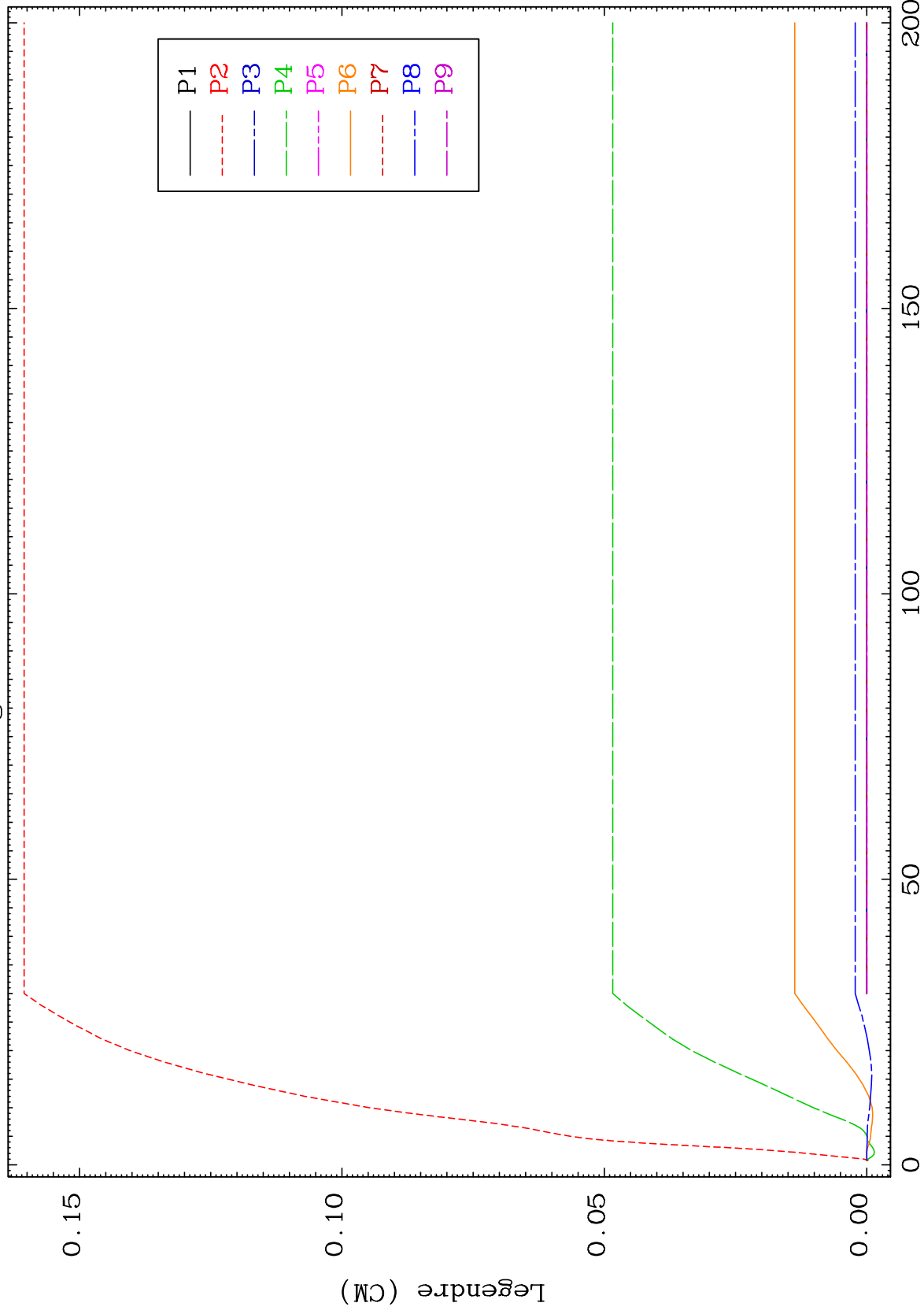




MAT 5898

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

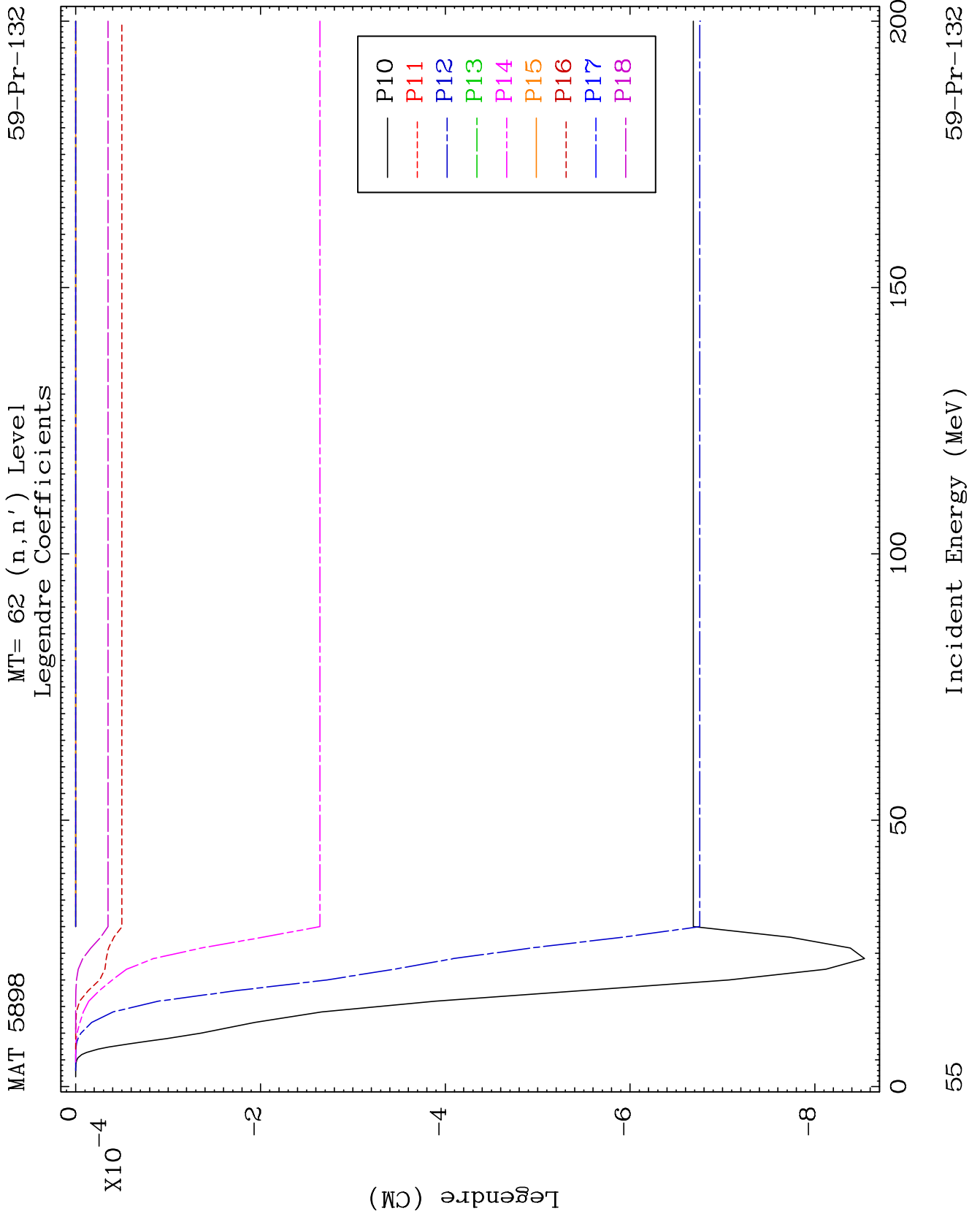
59-Pr-132



54

Incident Energy (MeV)

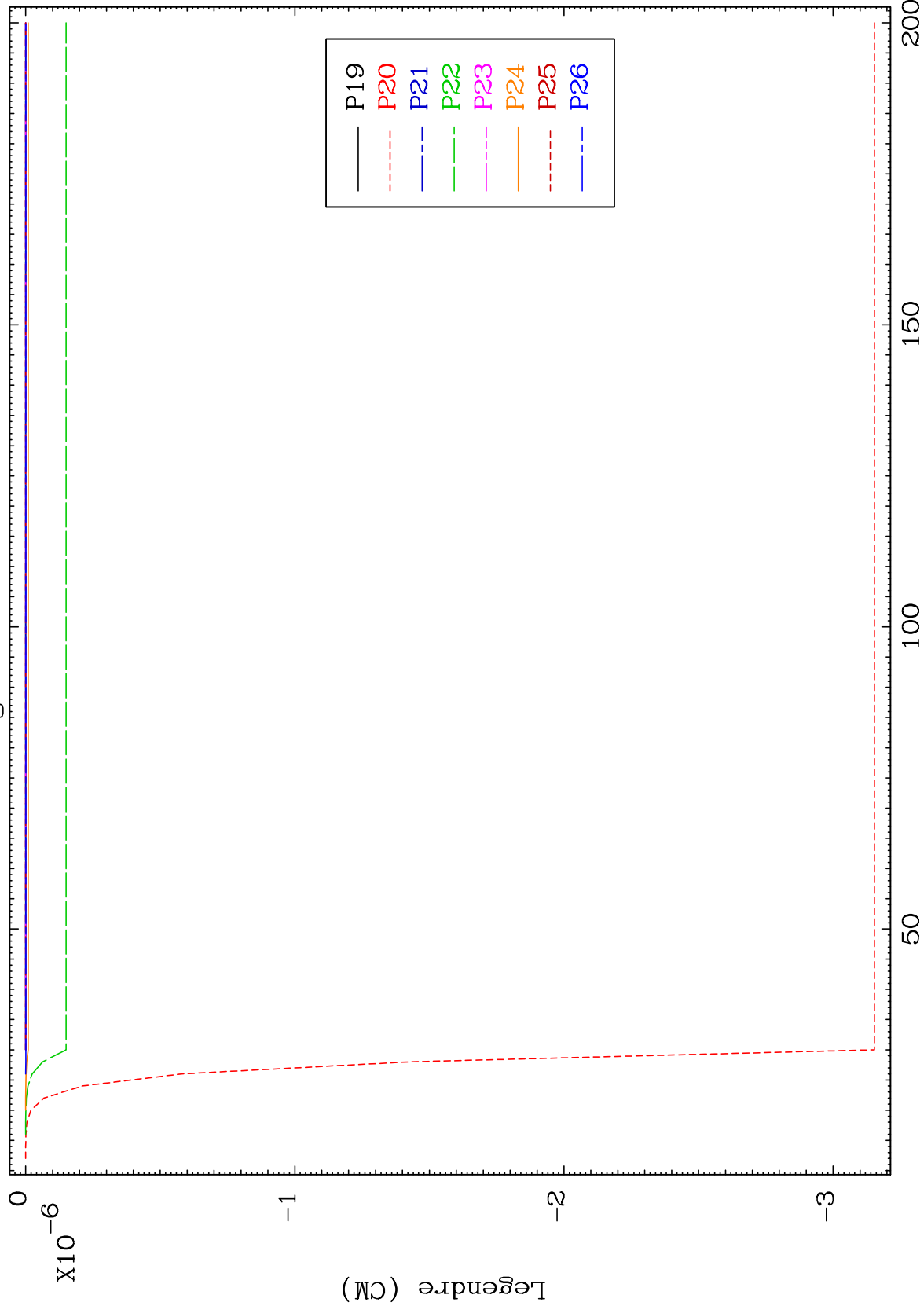
59-Pr-132



MAT 5898

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

59-Pr-132



59-Pr-132

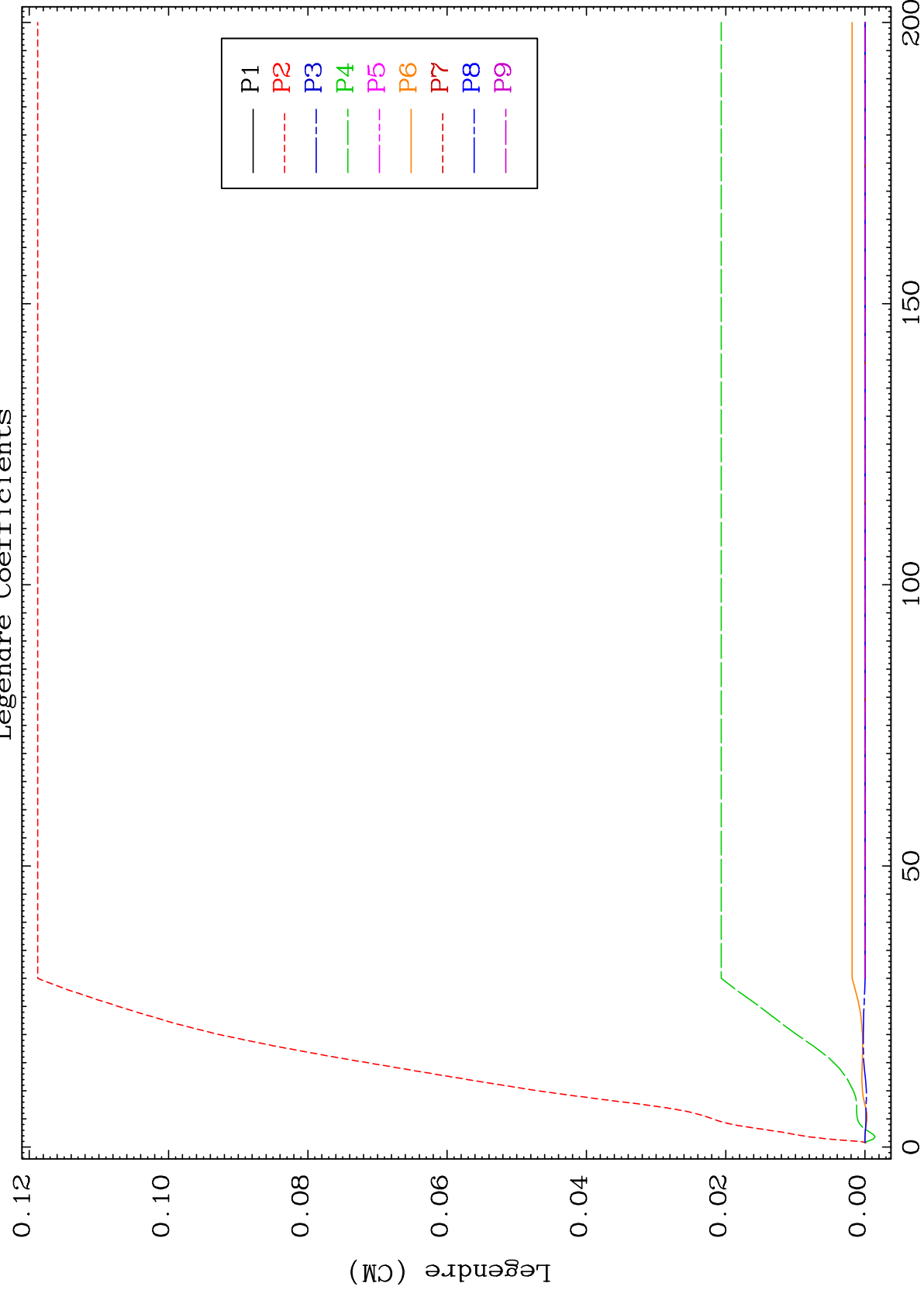
Incident Energy (MeV)

56

MAT 5898

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

59-Pr-132



57

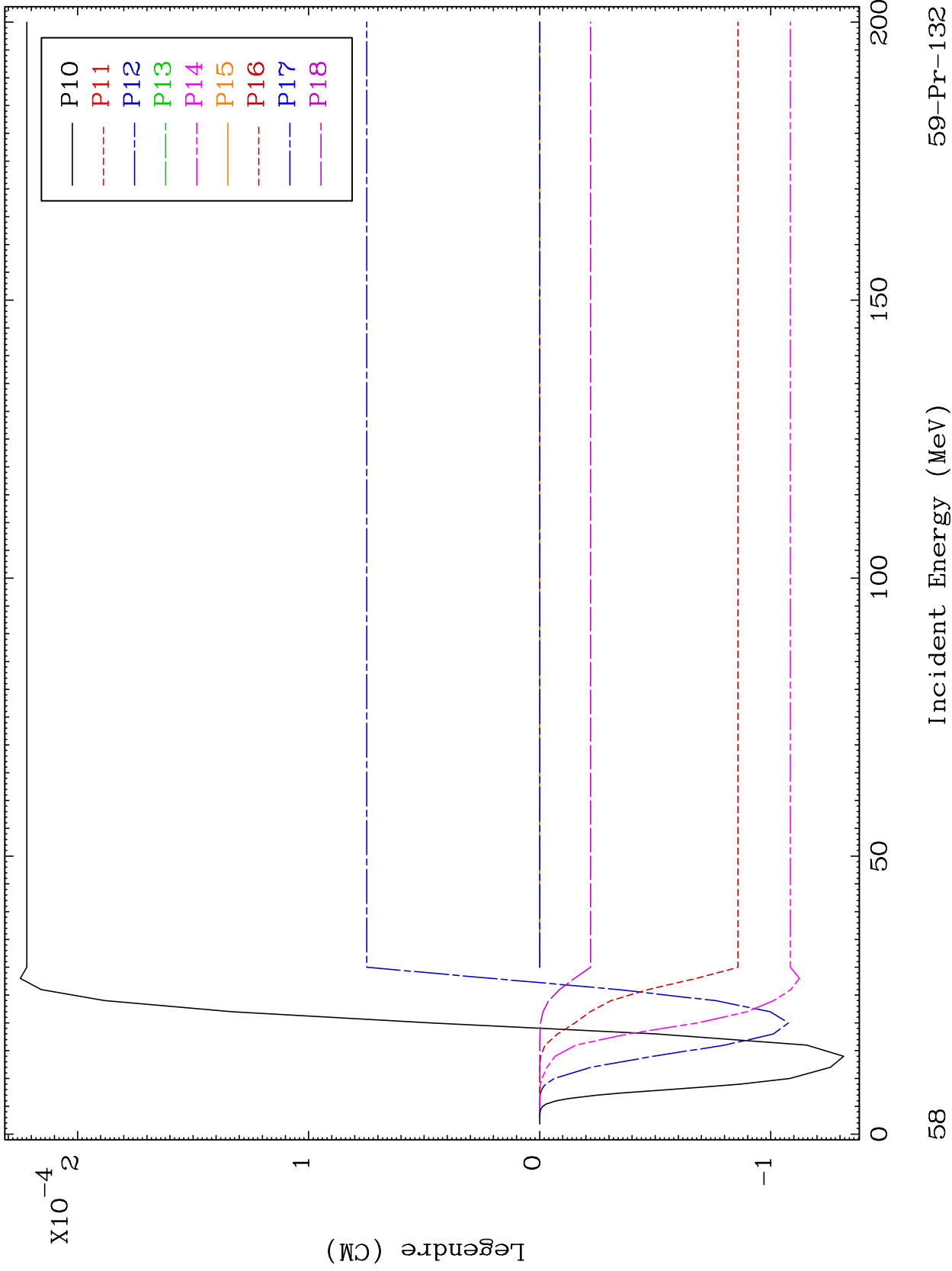
Incident Energy (MeV)

59-Pr-132

MAT 5898

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

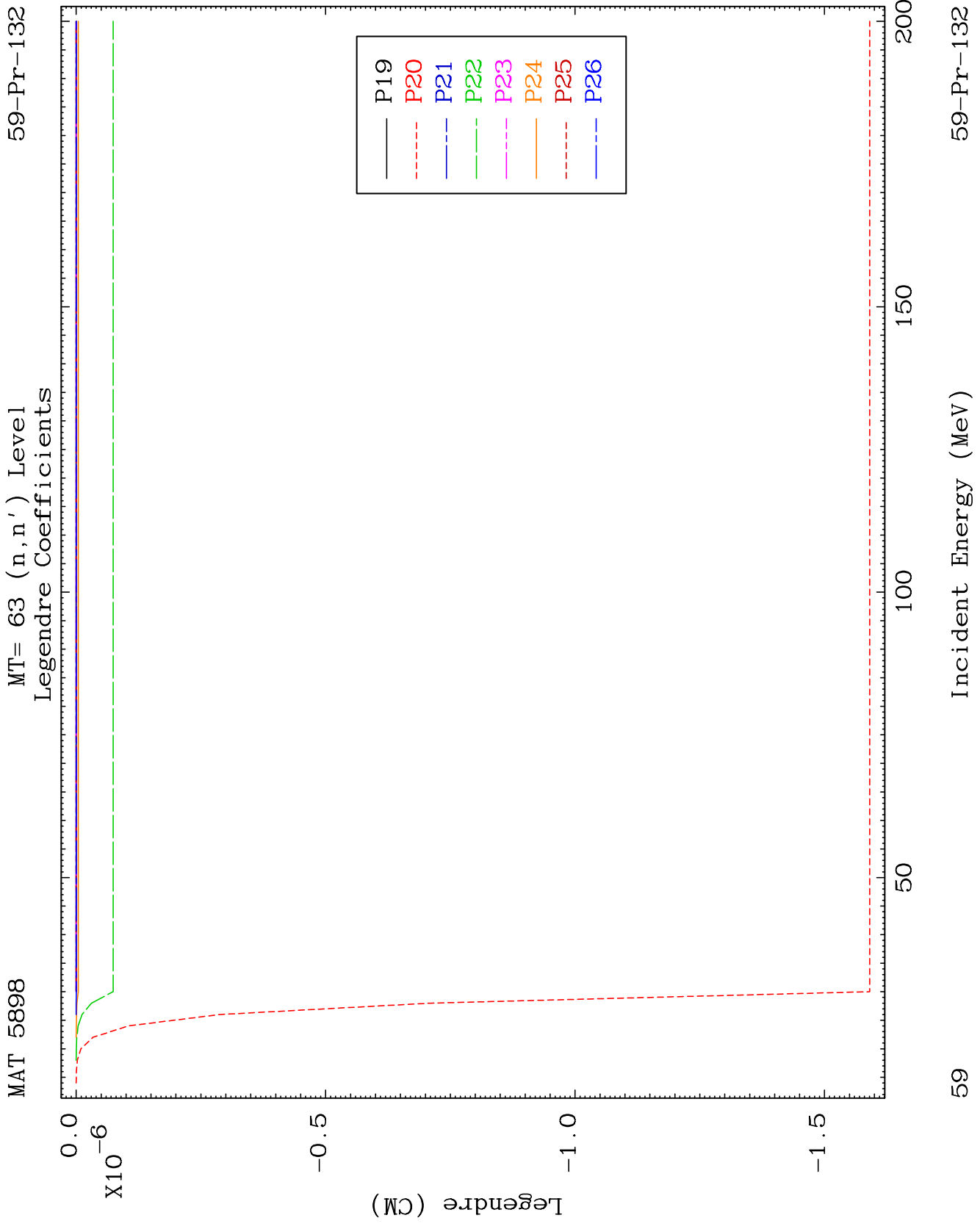
59-Pr-132



59-Pr-132

Incident Energy (MeV)

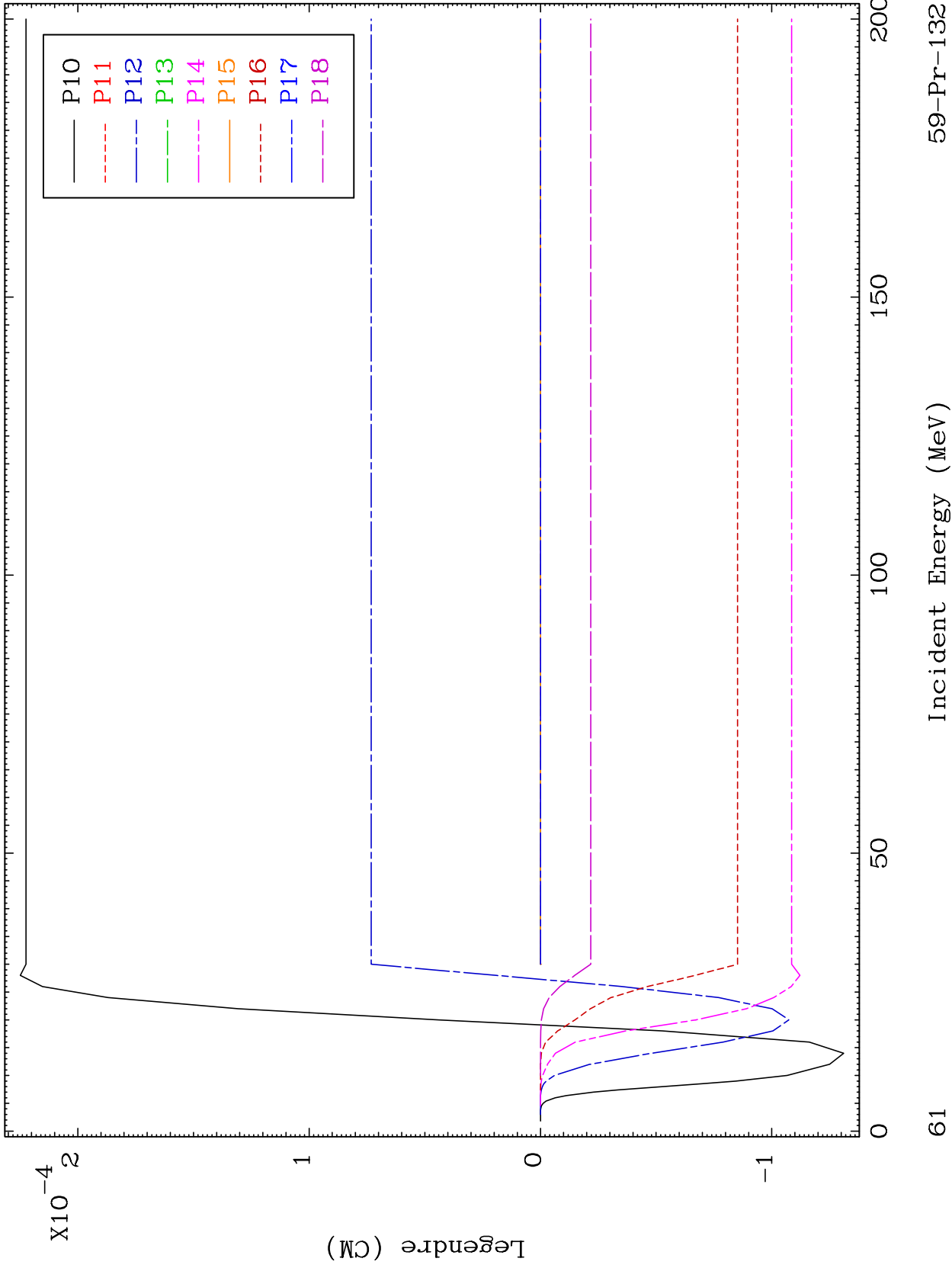
58



MAT 5898

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

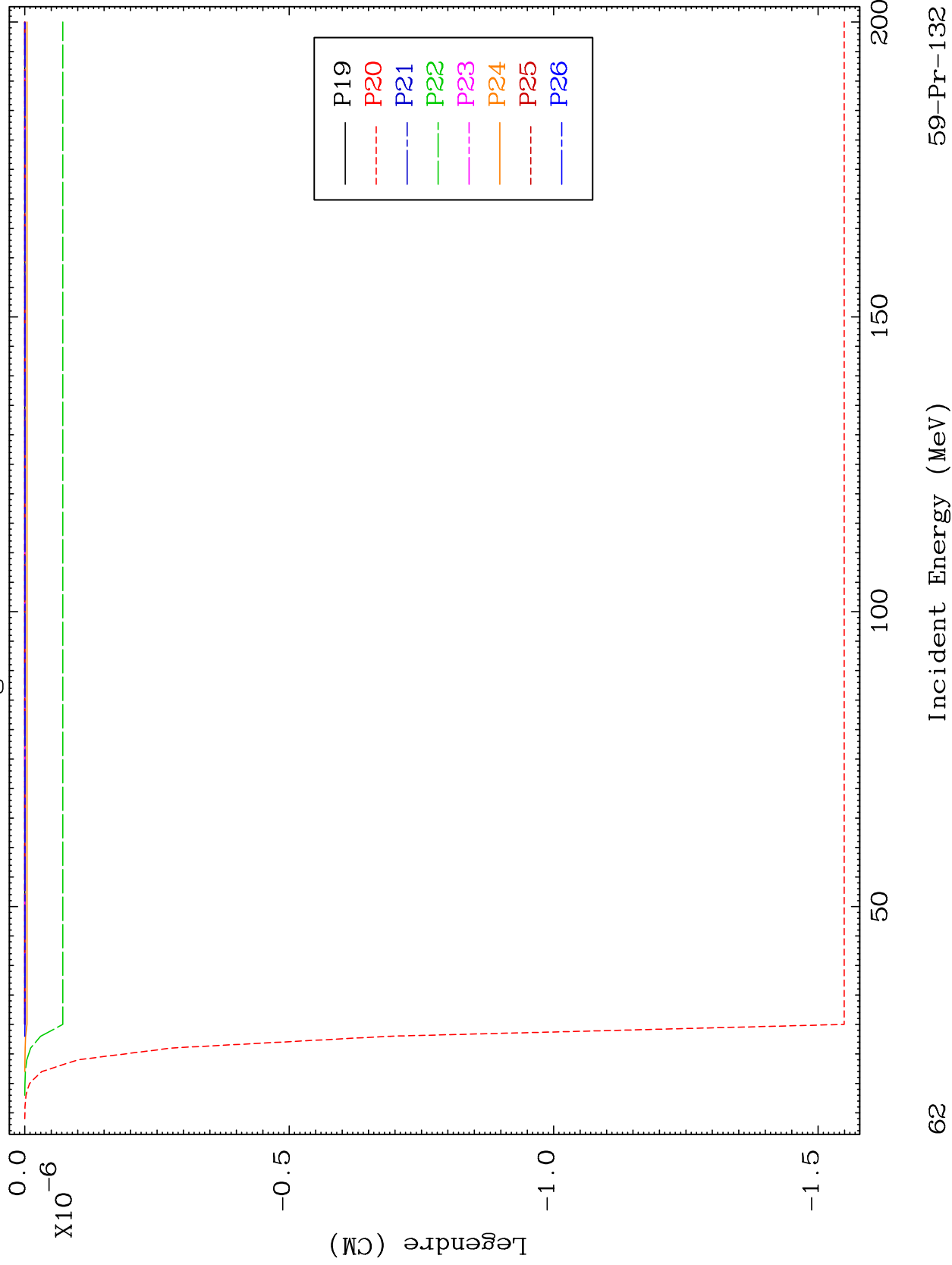
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MAT 5898

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

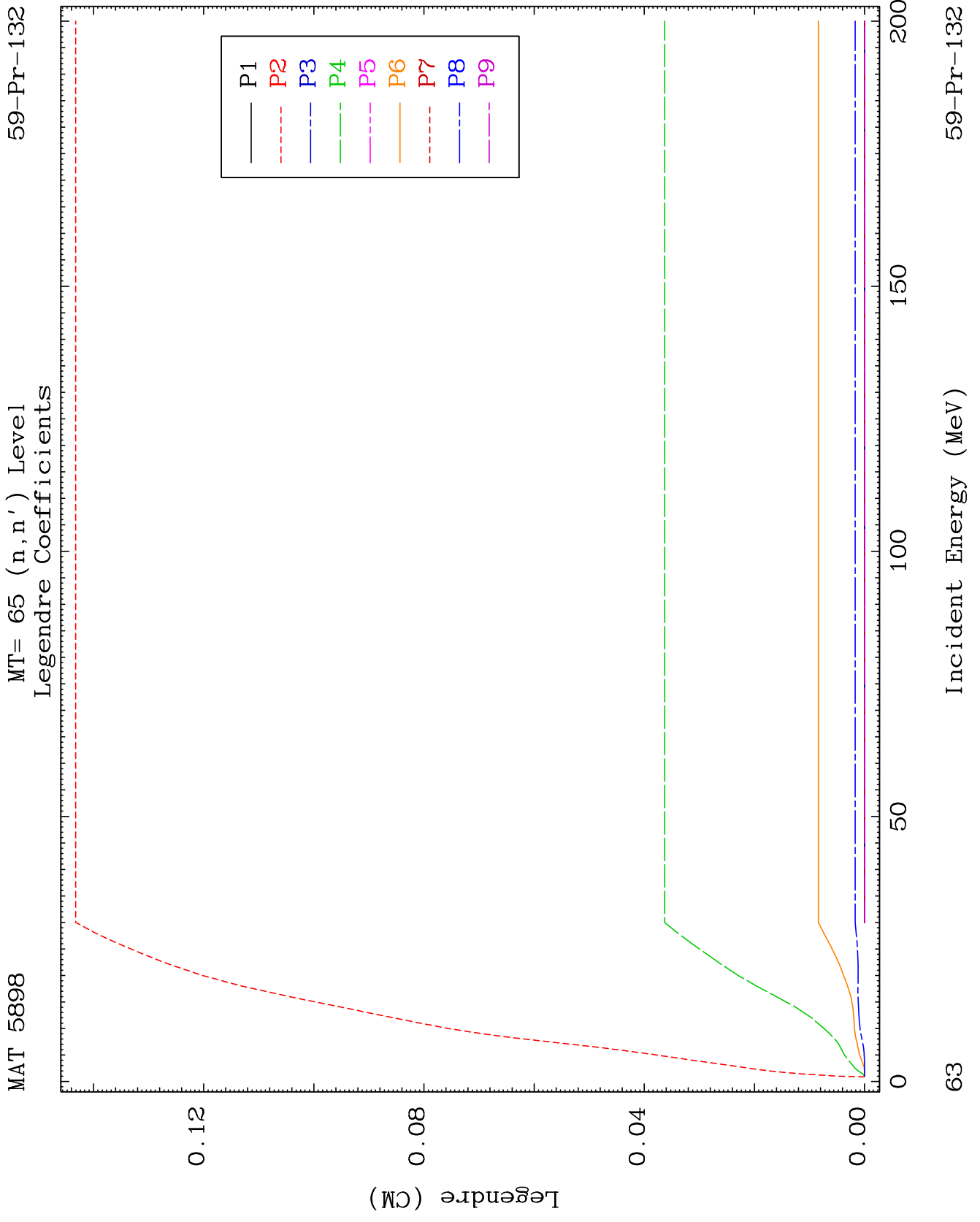
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62

Incident Energy (MeV)

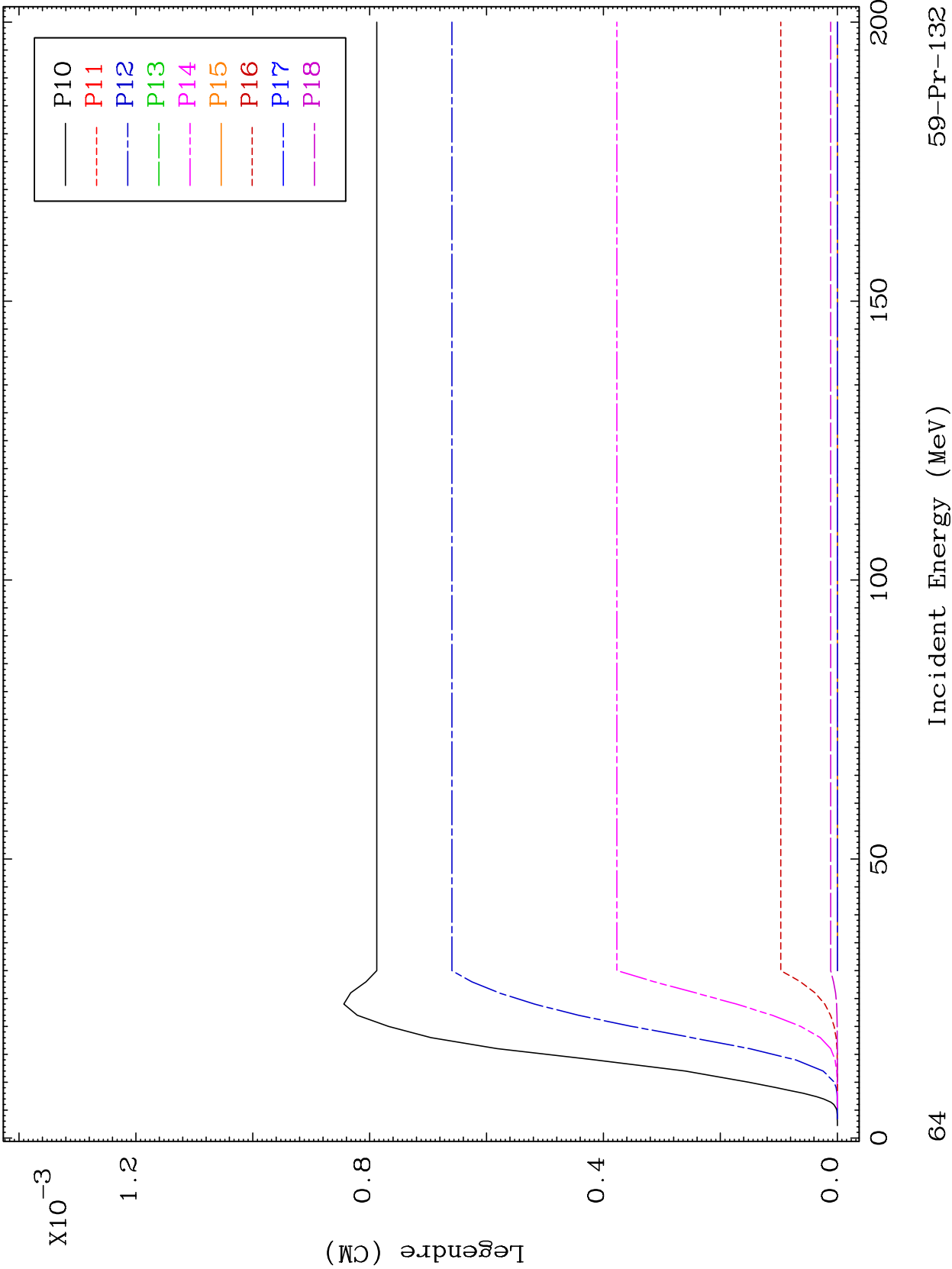
59-Pr-132



MAT 5898

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

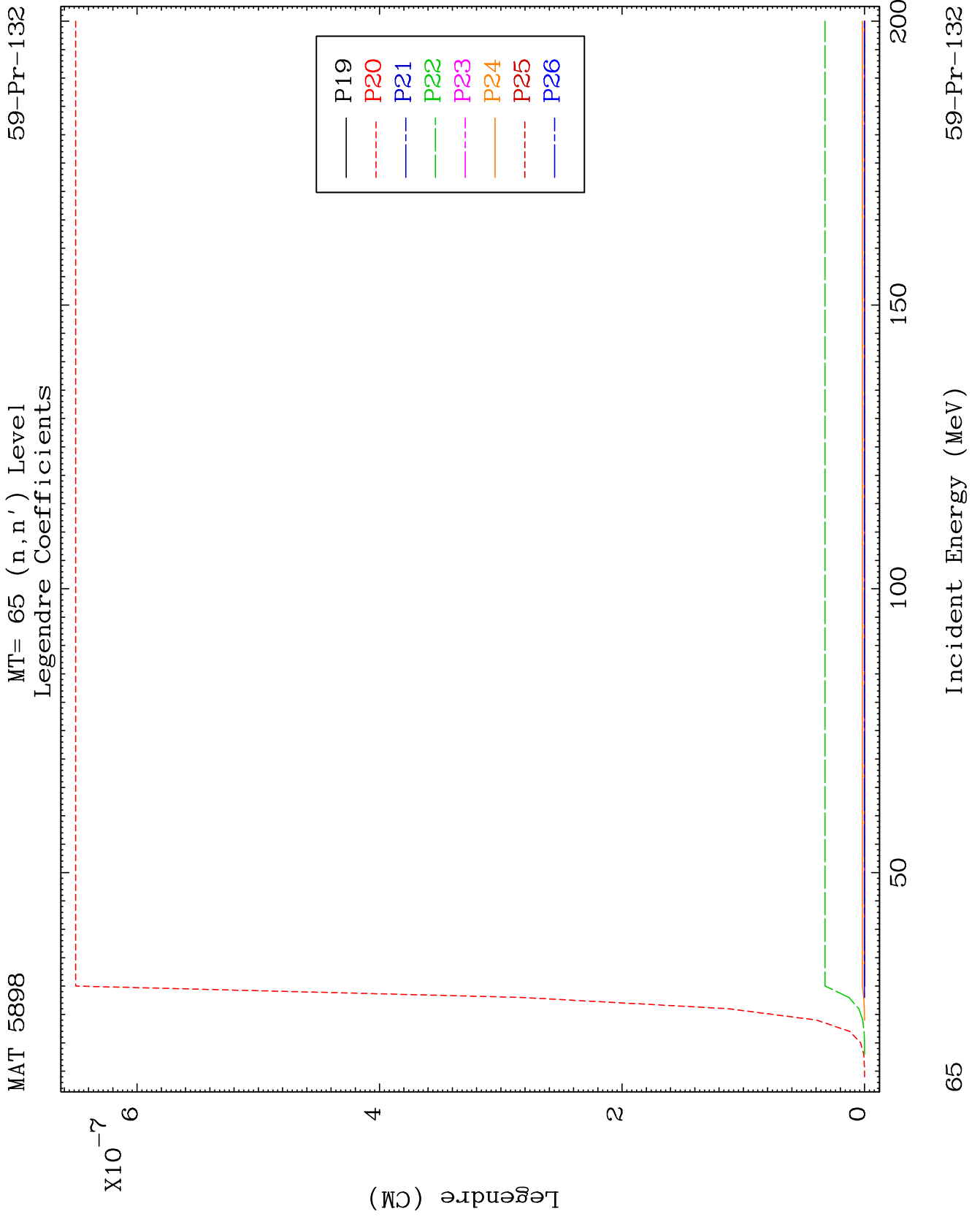
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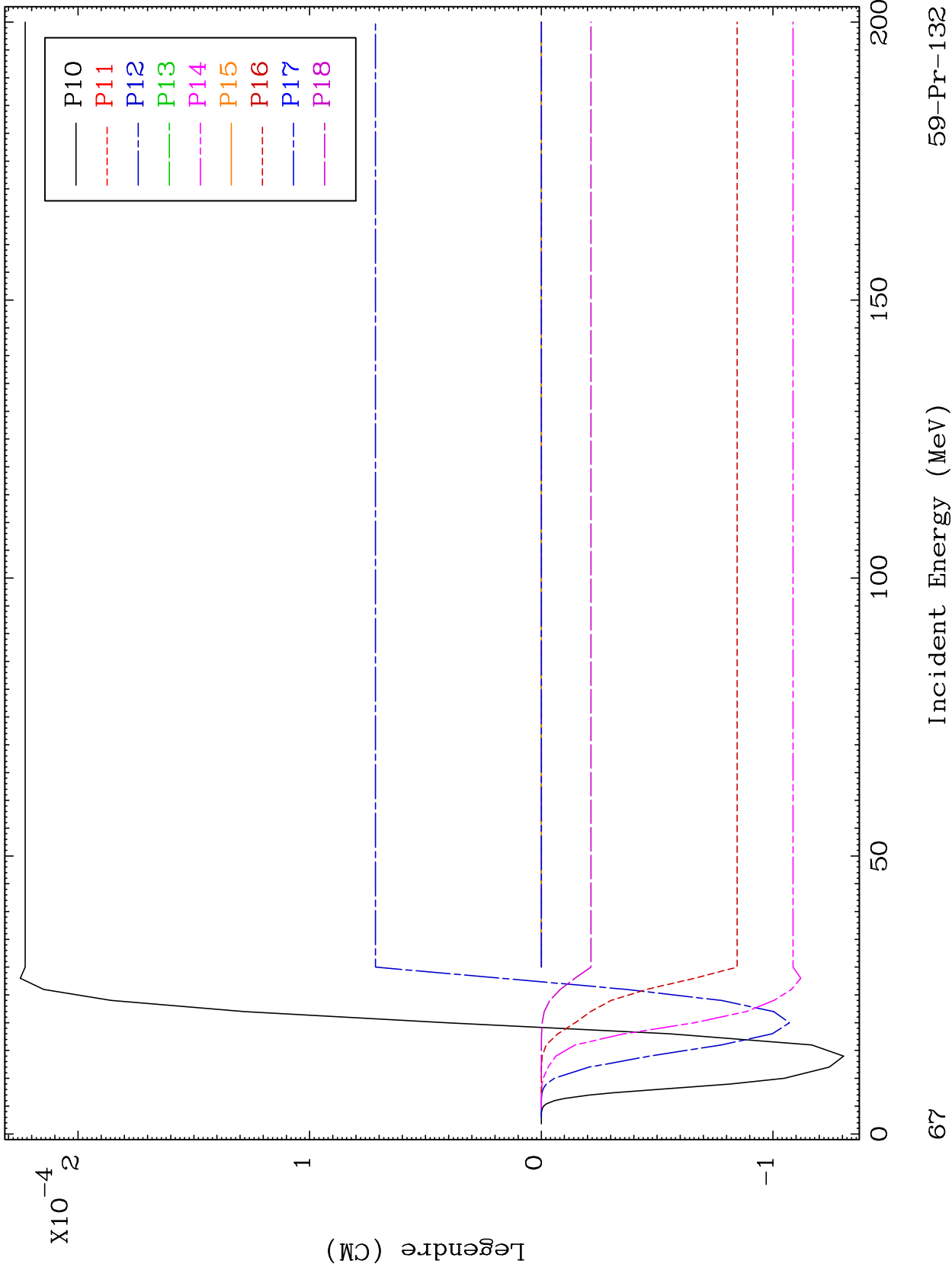


64

Incident Energy (MeV)

59-Pr-132

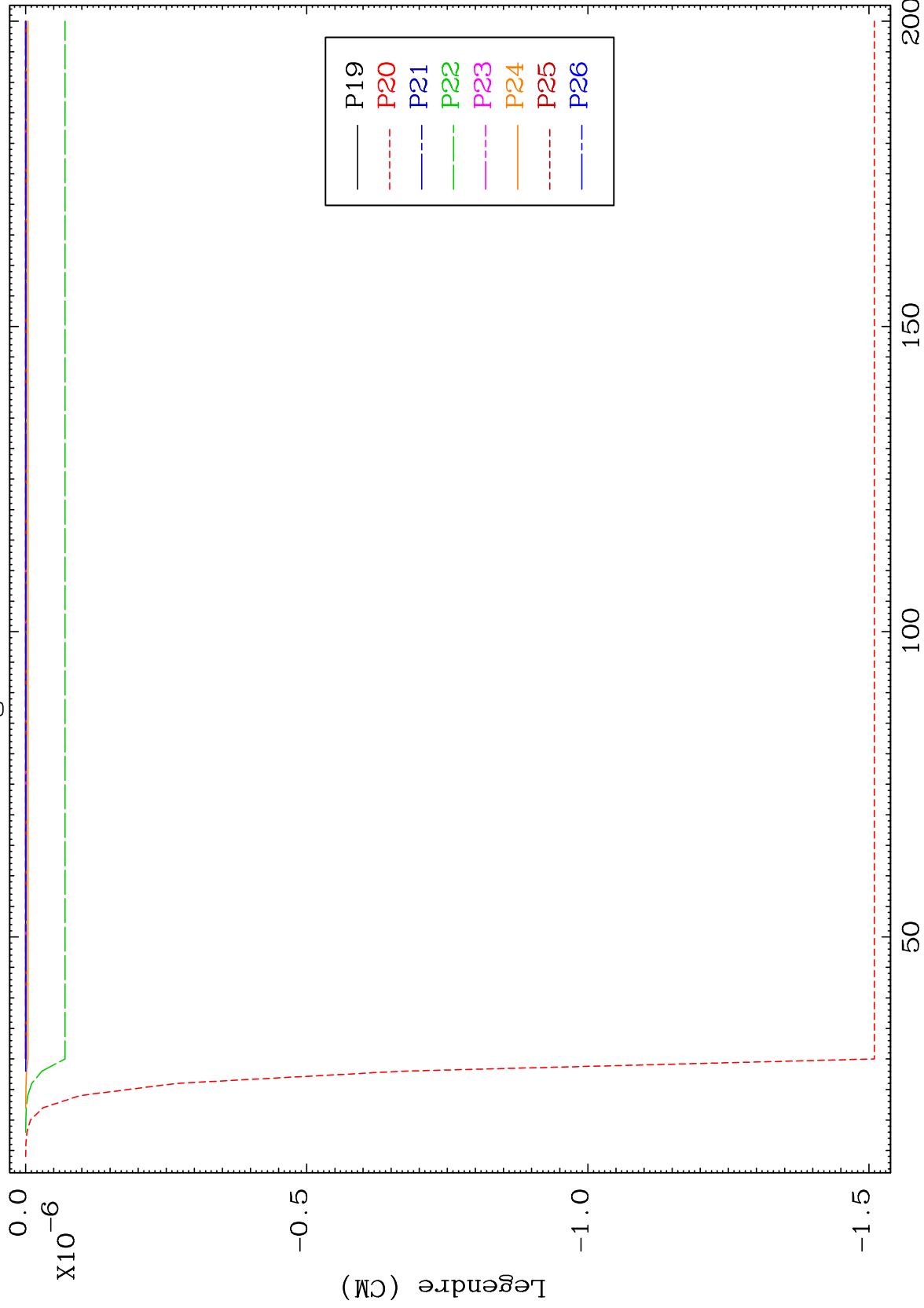




MAT 5898

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

59-Pr-132



68

Incident Energy (MeV)

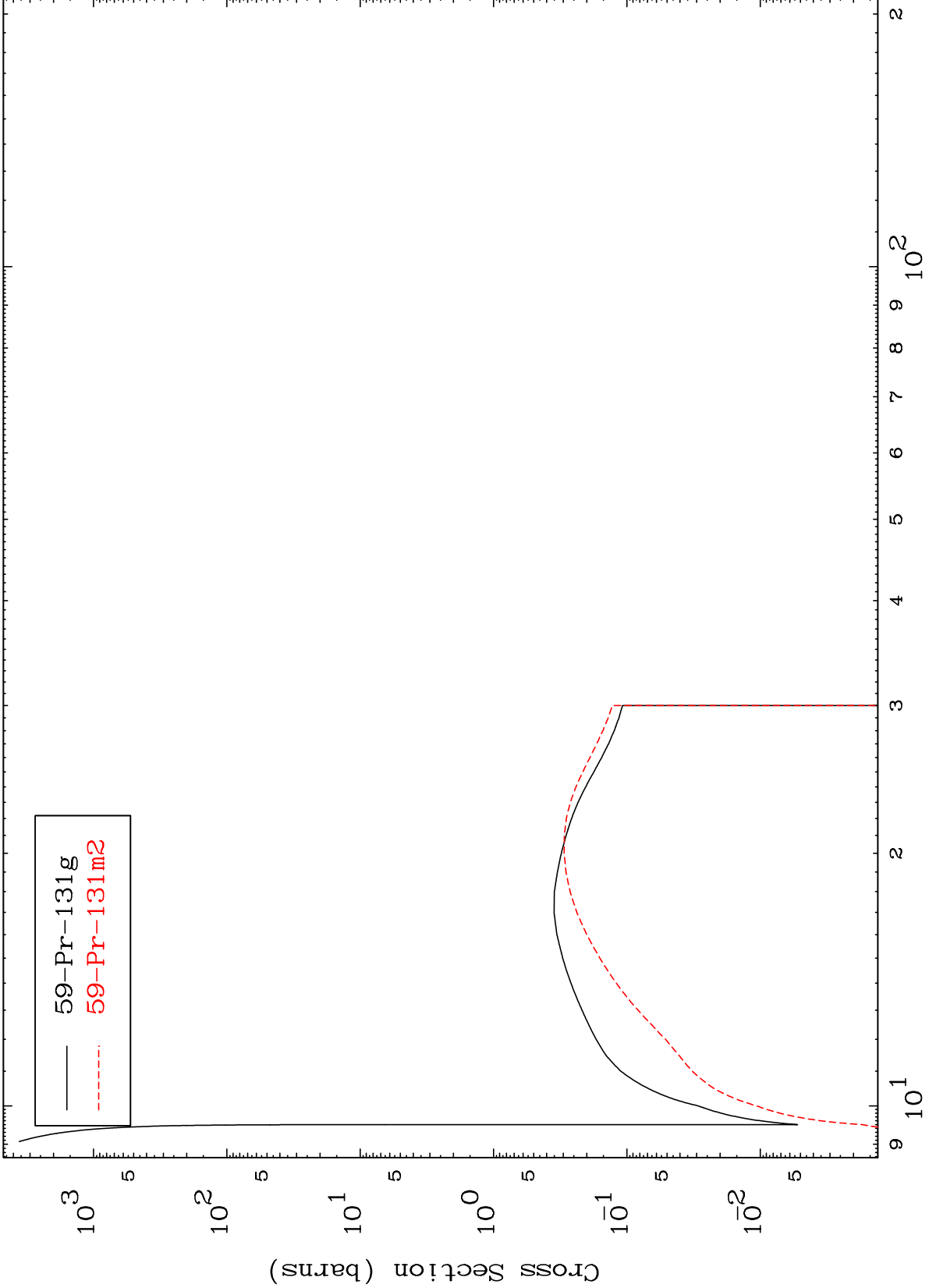
59-Pr-132

MAT 5898

(n,2n)

59-Pr-132

Radionuclide Production Cross Section



69

Incident Energy (MeV)

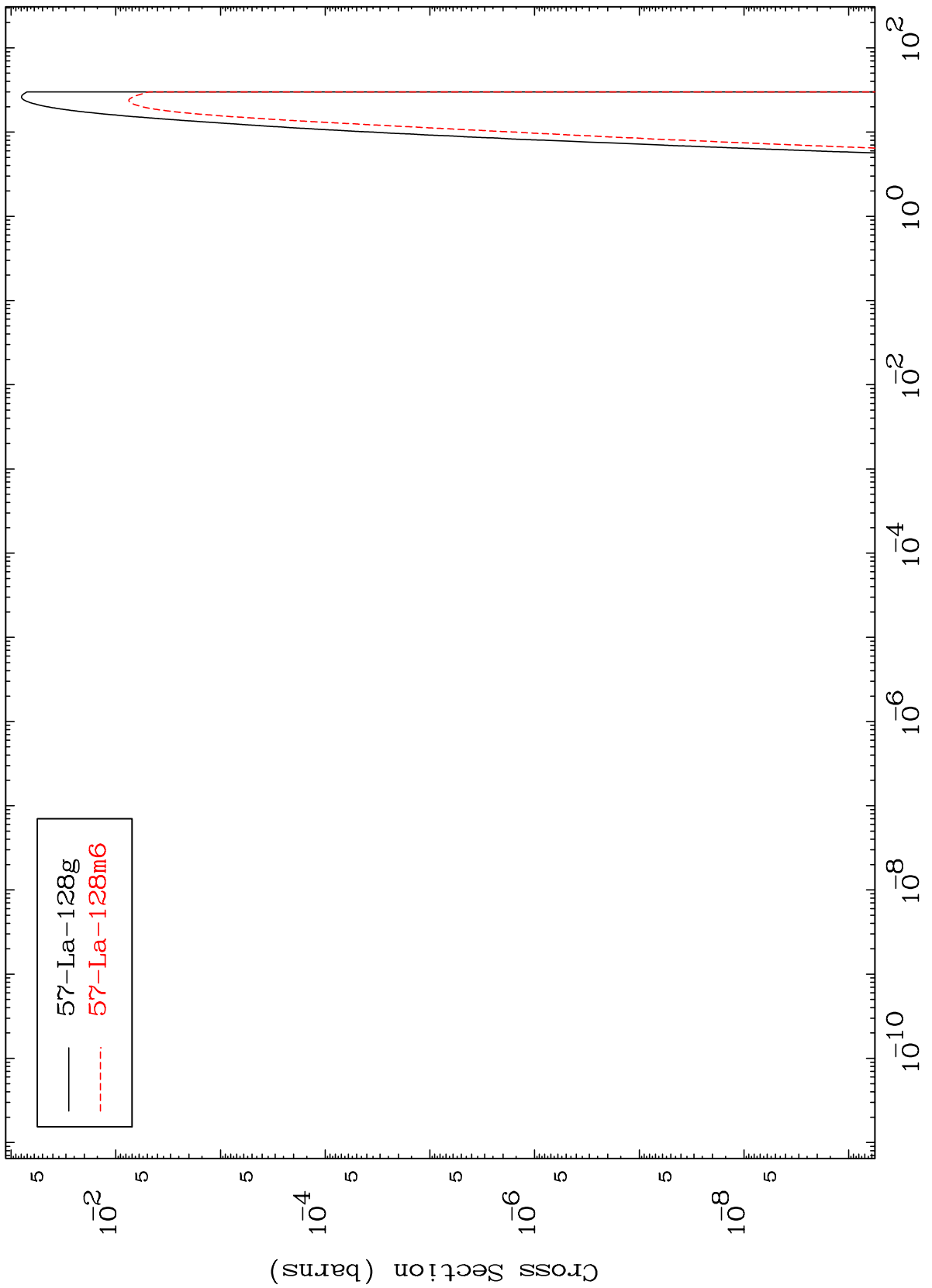
59-Pr-132

MAT 5898

$(n, n') \alpha$

59-Pr-132

Radionuclide Production Cross Section



70

Incident Energy (MeV)

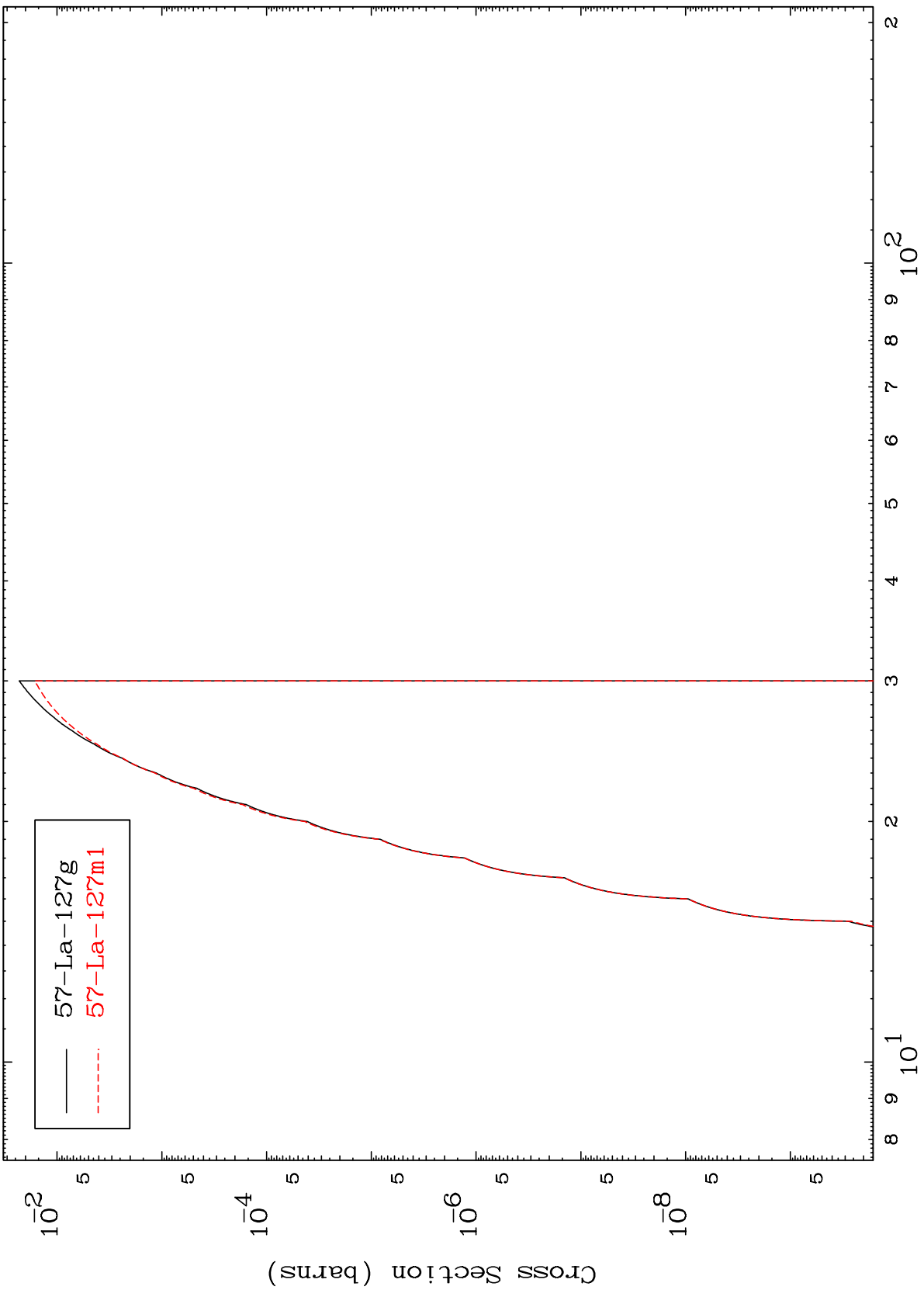
59-Pr-132

MAT 5898

(n,2n) α

59-Pr-132

Radionuclide Production Cross Section



71

Incident Energy (MeV)

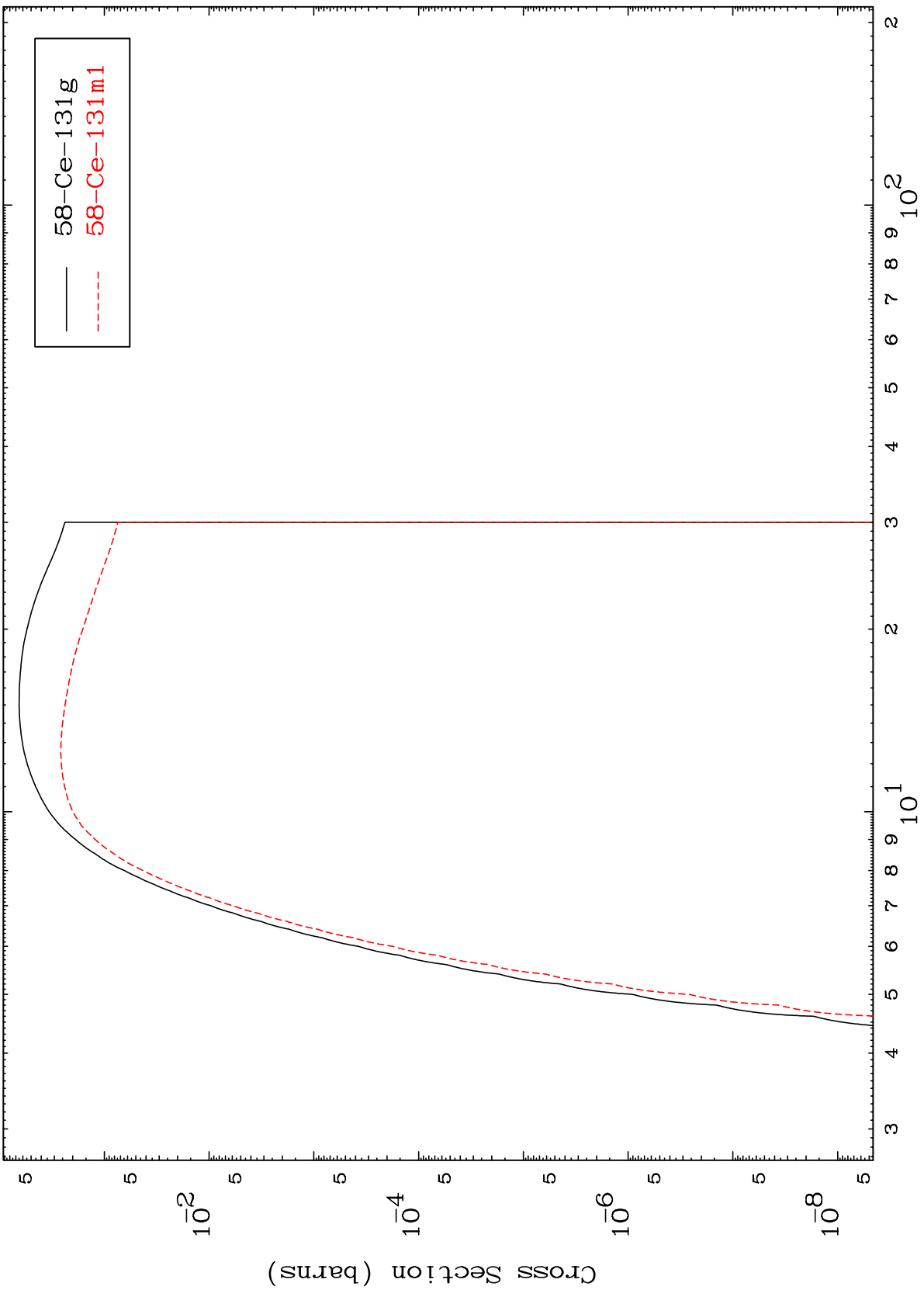
59-Pr-132

MAT 5898

(n,n') p

59-Pr-132

Radionuclide Production Cross Section



72

Incident Energy (MeV)

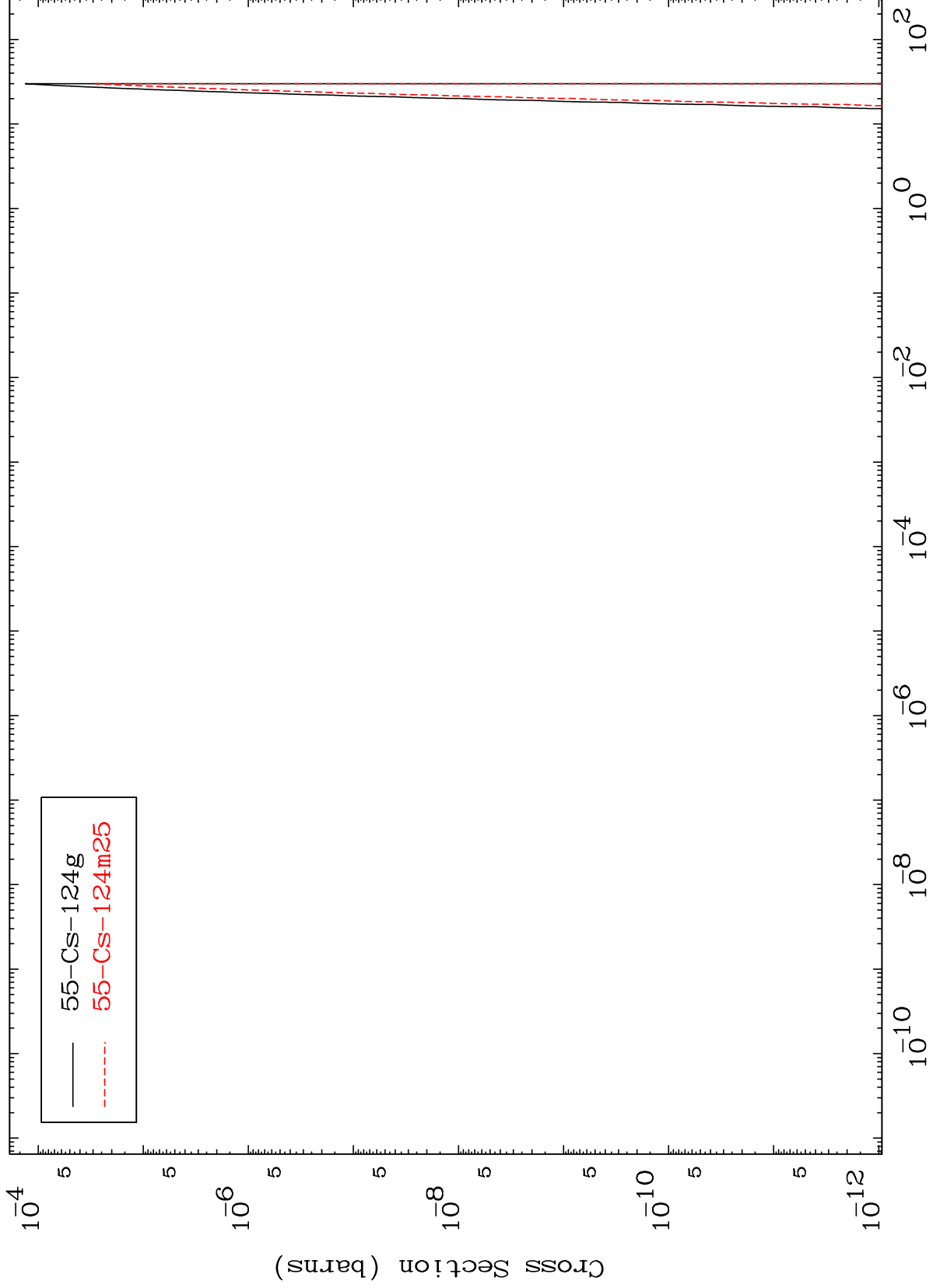
59-Pr-132

MAT 5898

(n,n') 2α

59-Pr-132

Radionuclide Production Cross Section



55-Cs-124g
55-Cs-124m25

73

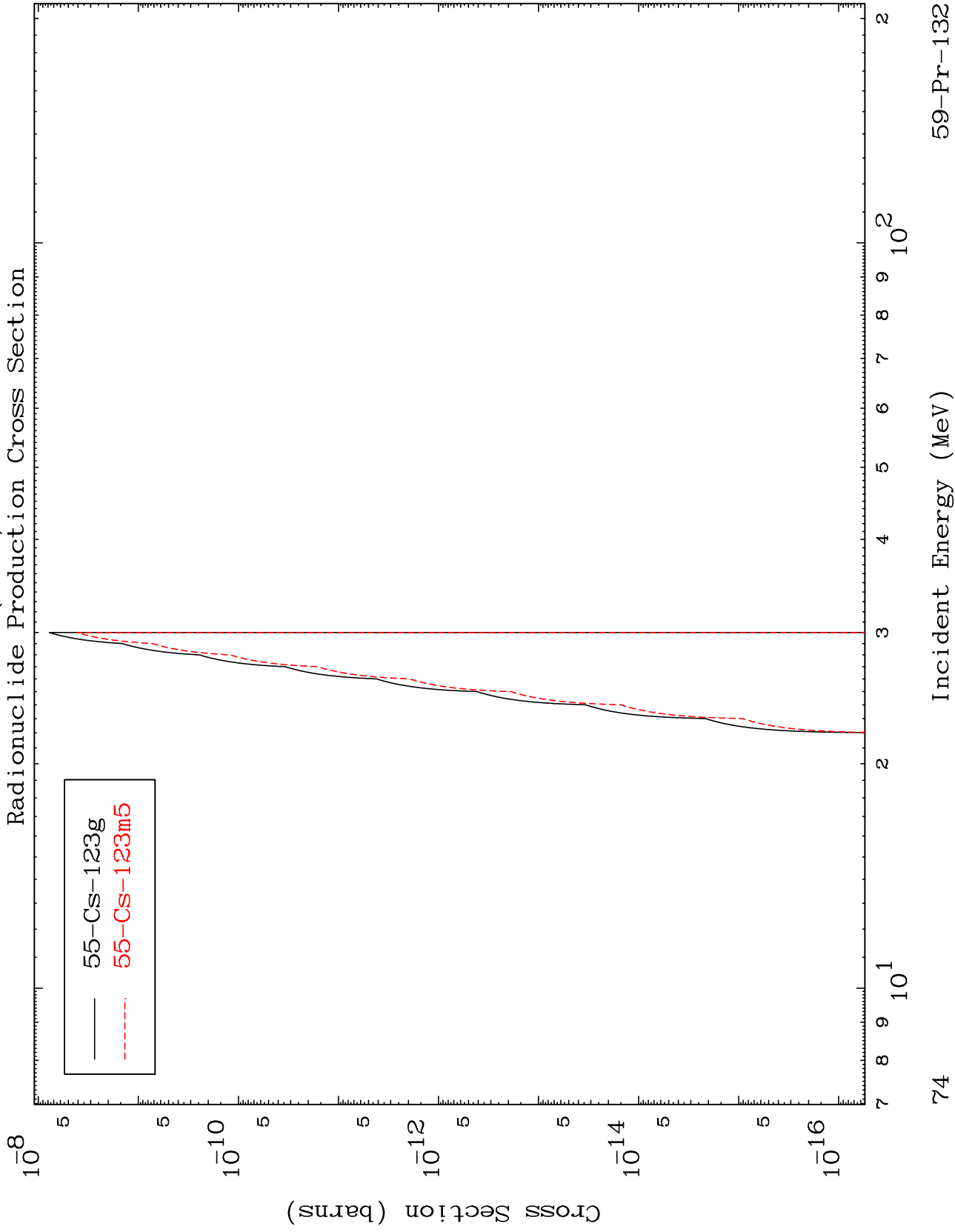
Incident Energy (MeV)

59-Pr-132

MAT 5898

$(n,2n) 2\alpha$

59-Pr-132



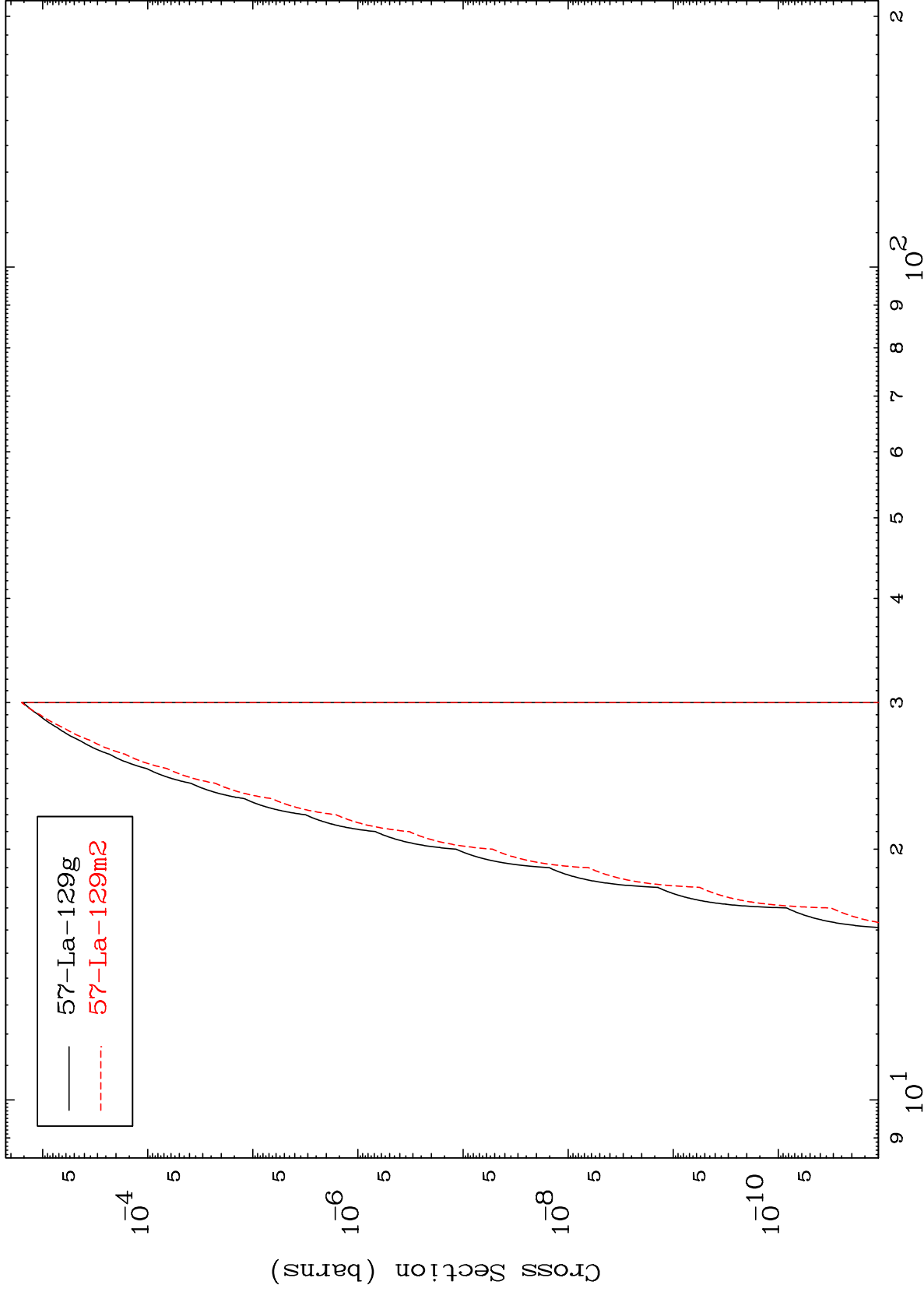
74

MAT 5898

(n,n') He-3

59-Pr-132

Radionuclide Production Cross Section



75

Incident Energy (MeV)

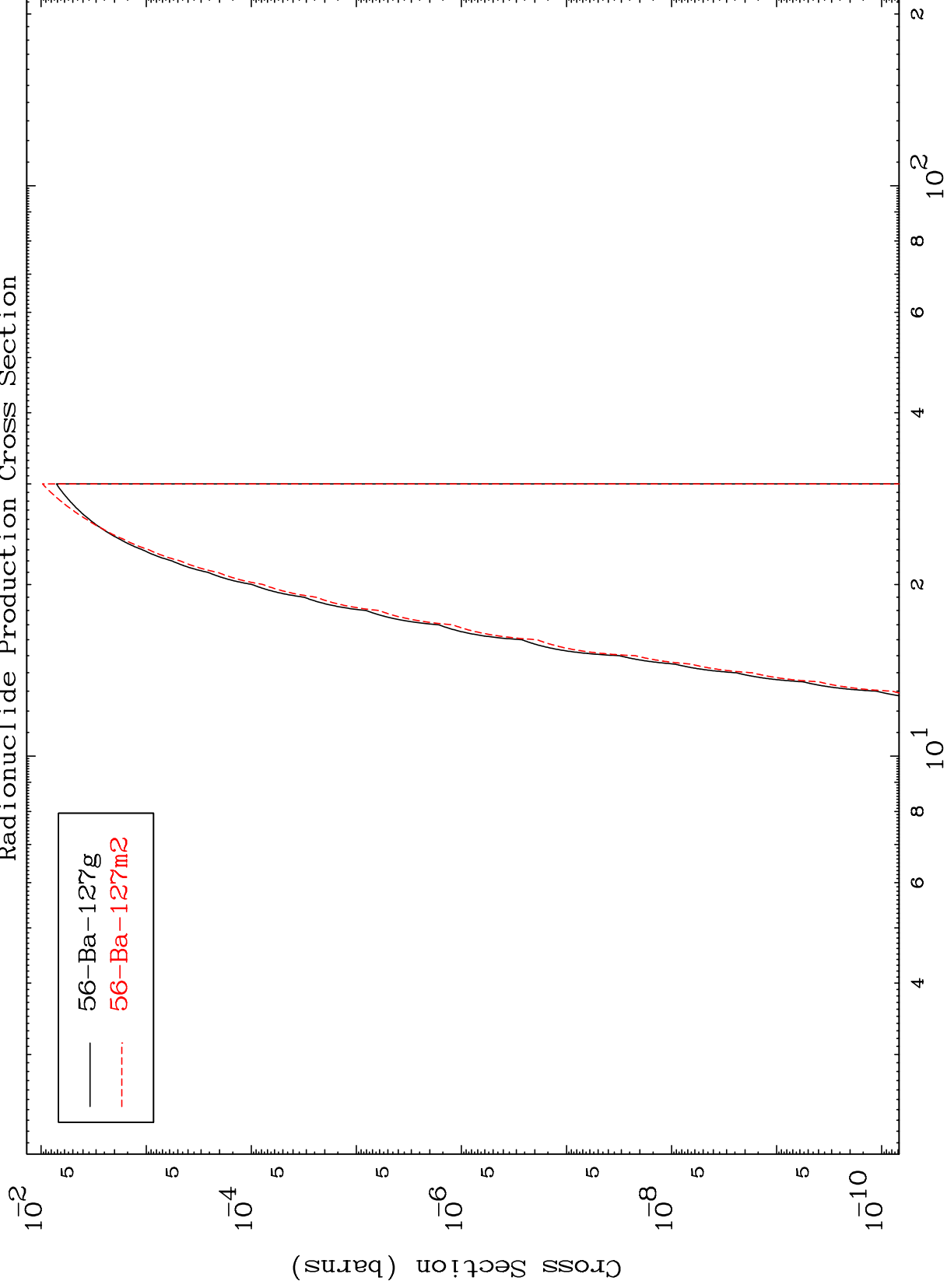
59-Pr-132

MAT 5898

(n,n') p α

59-Pr-132

Radionuclide Production Cross Section



76

Incident Energy (MeV)

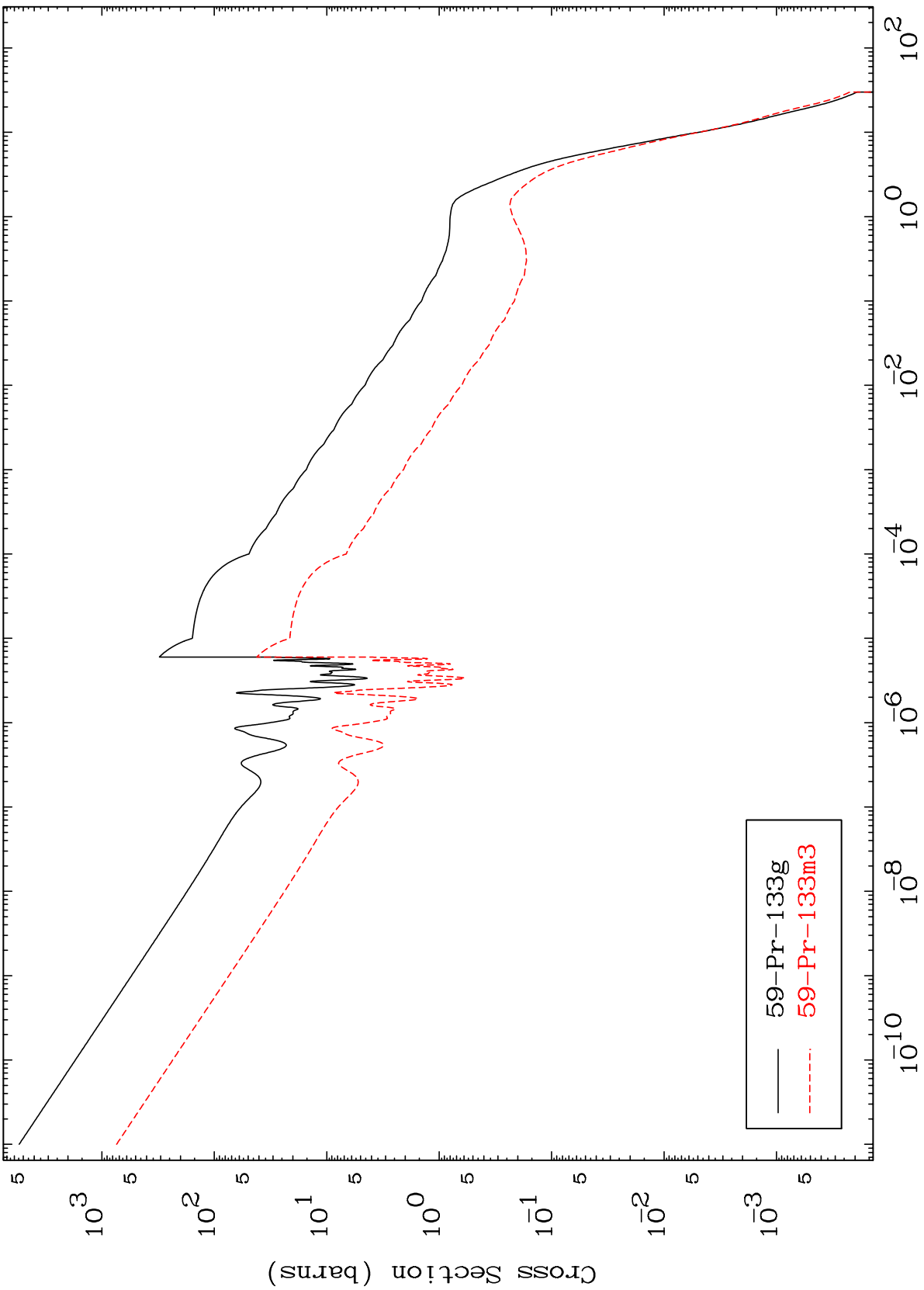
59-Pr-132

MAT 5898

59-Pr-132

Radionuclide Production Cross Section

(n,γ)



— 59-Pr-133g
- - - 59-Pr-133m3

59-Pr-132

Incident Energy (MeV)

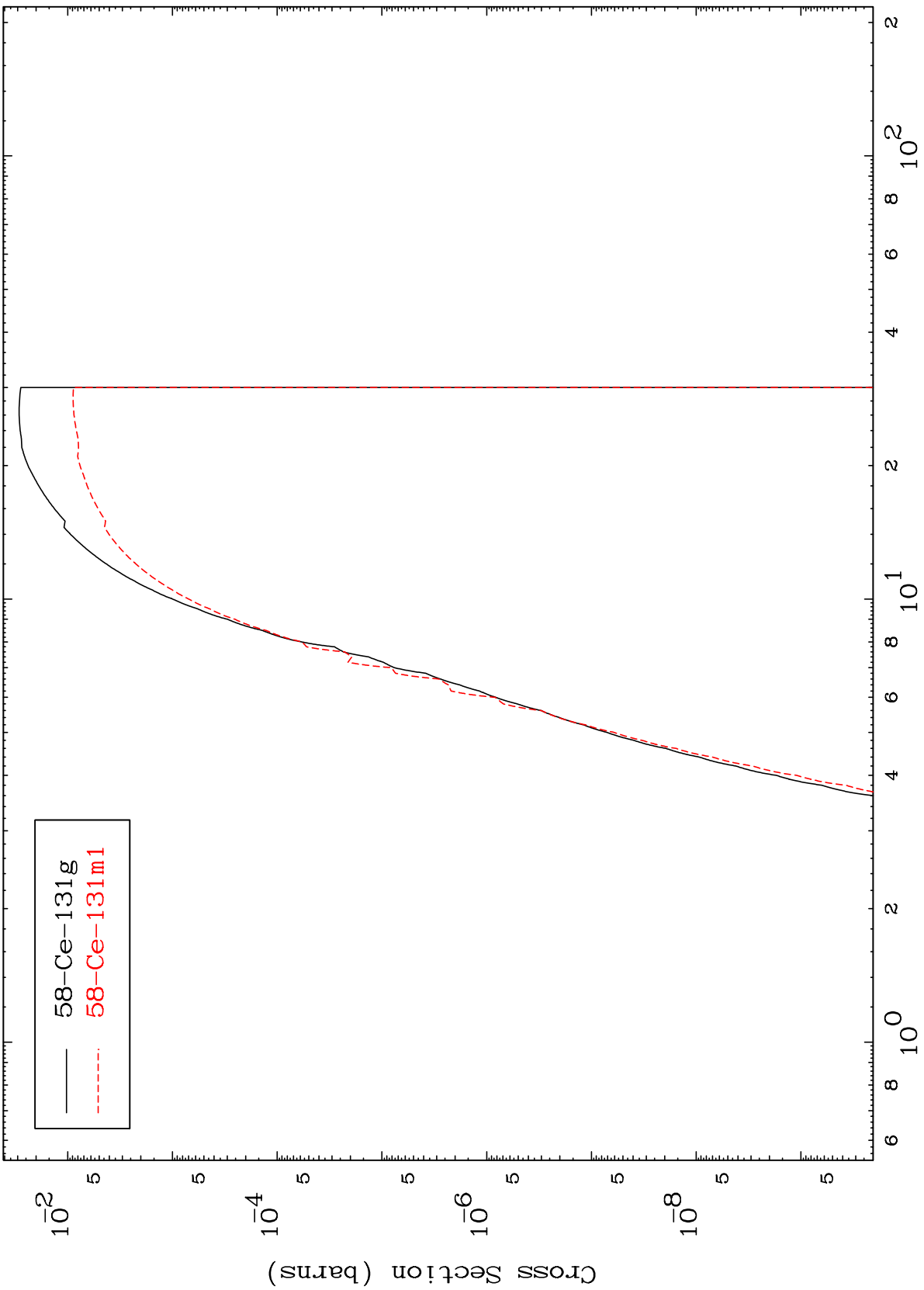
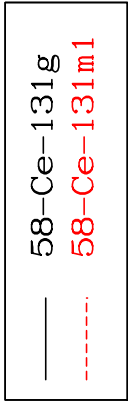
77

MAT 5898

(n,d)

59-Pr-132

Radionuclide Production Cross Section

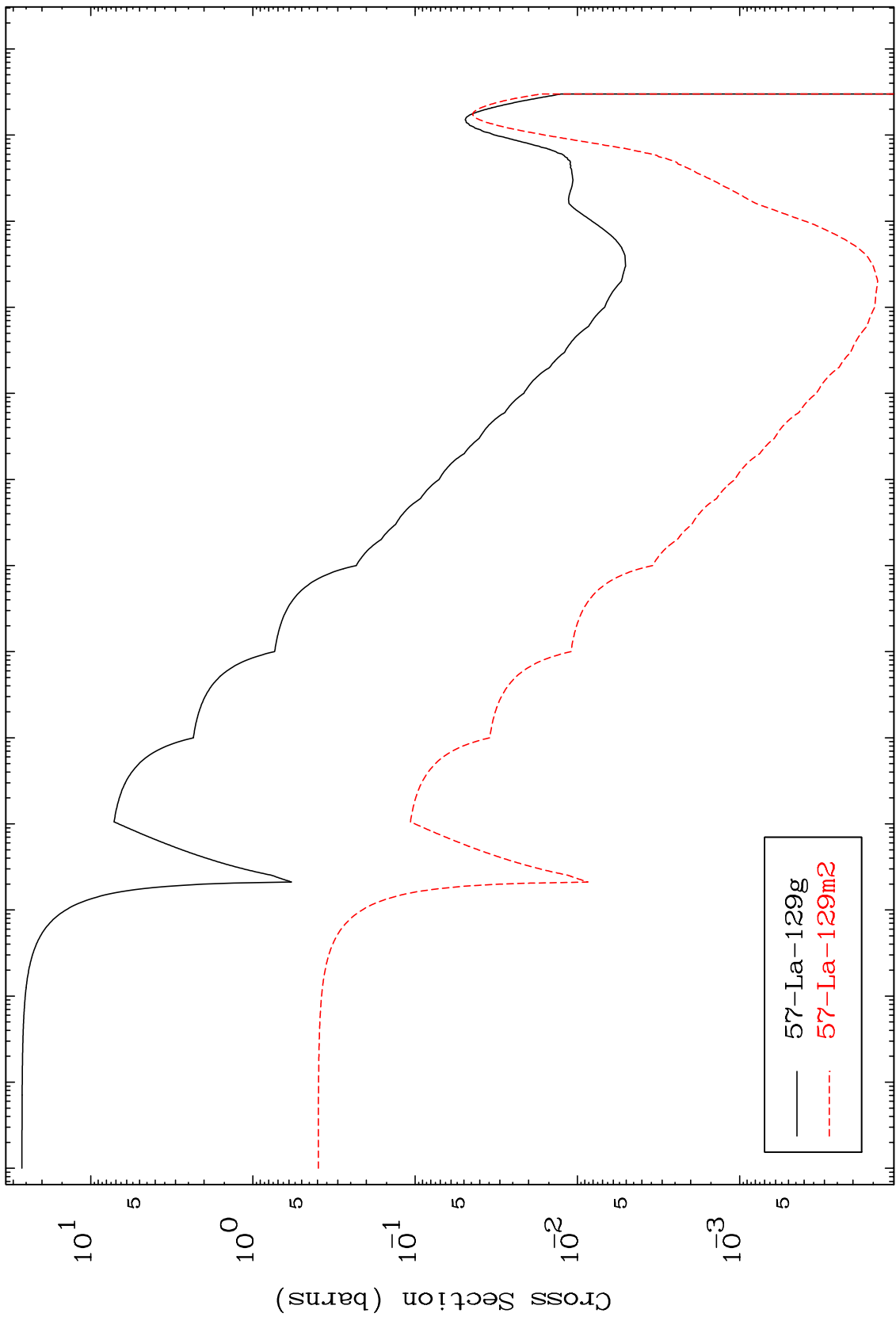


78

Incident Energy (MeV)

59-Pr-132

Radionuclide Production Cross Section (n,α)



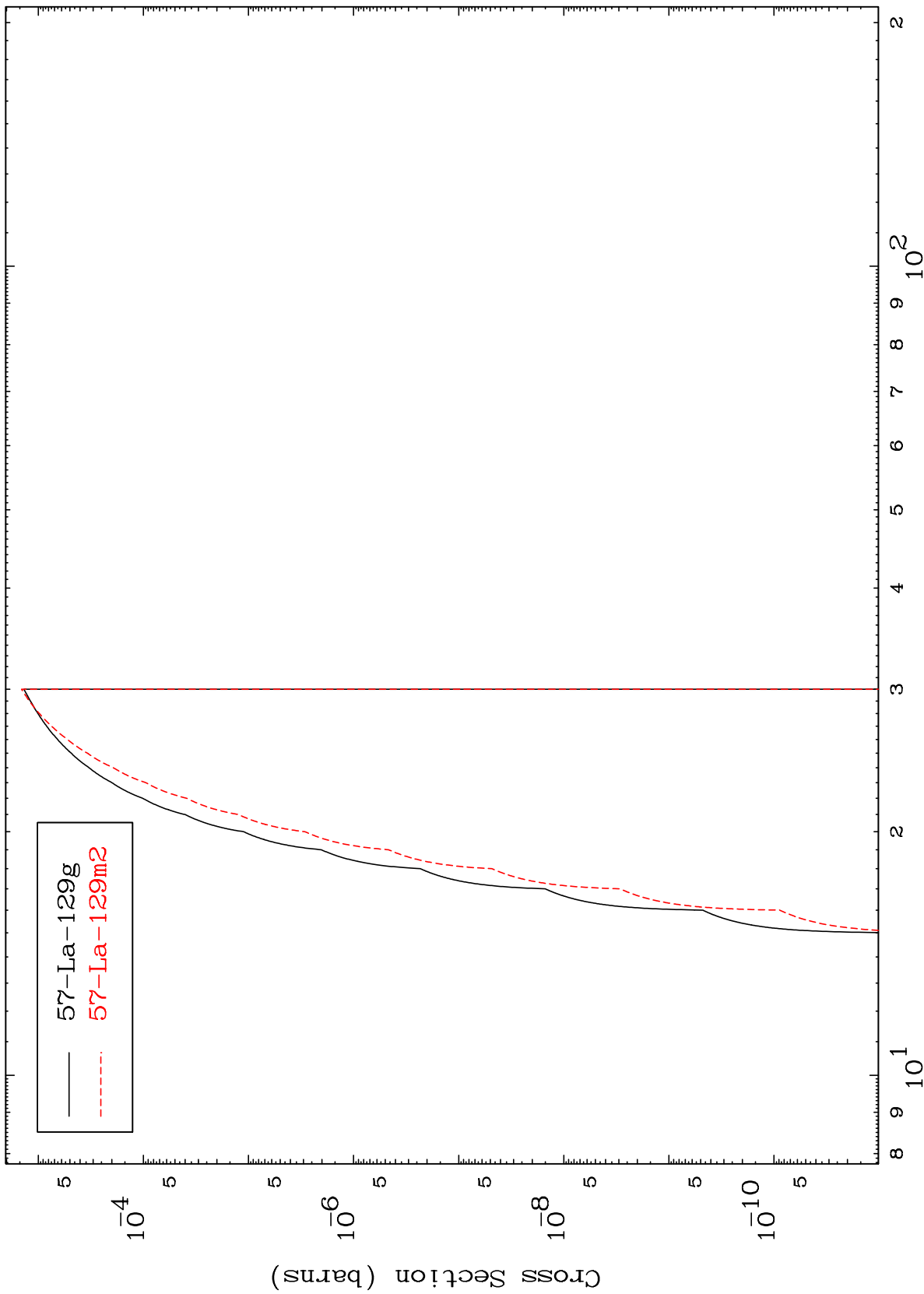
— 57-La-129g
- - - 57-La-129m2

MAT 5898

(n,p) t

59-Pr-132

Radionuclide Production Cross Section



80

Incident Energy (MeV)

59-Pr-132

MAT 5898

(n,d) α

59-Pr-132

Radionuclide Production Cross Section

