

Program EVALPLOT
(Version 2015-2)

by

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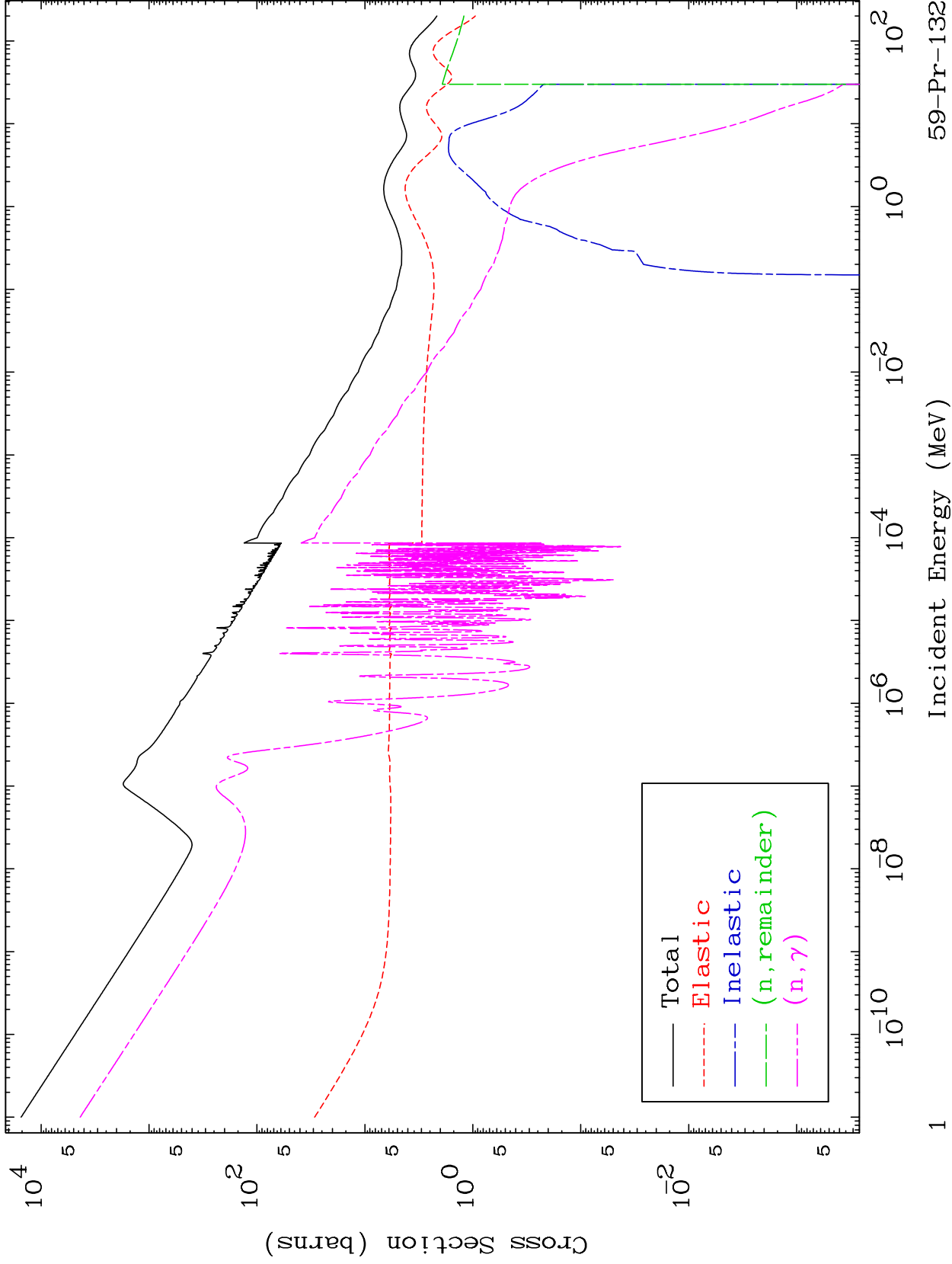
Press Mouse Button to Start

MAT 5898

Major

293 Kelvin Cross Sections

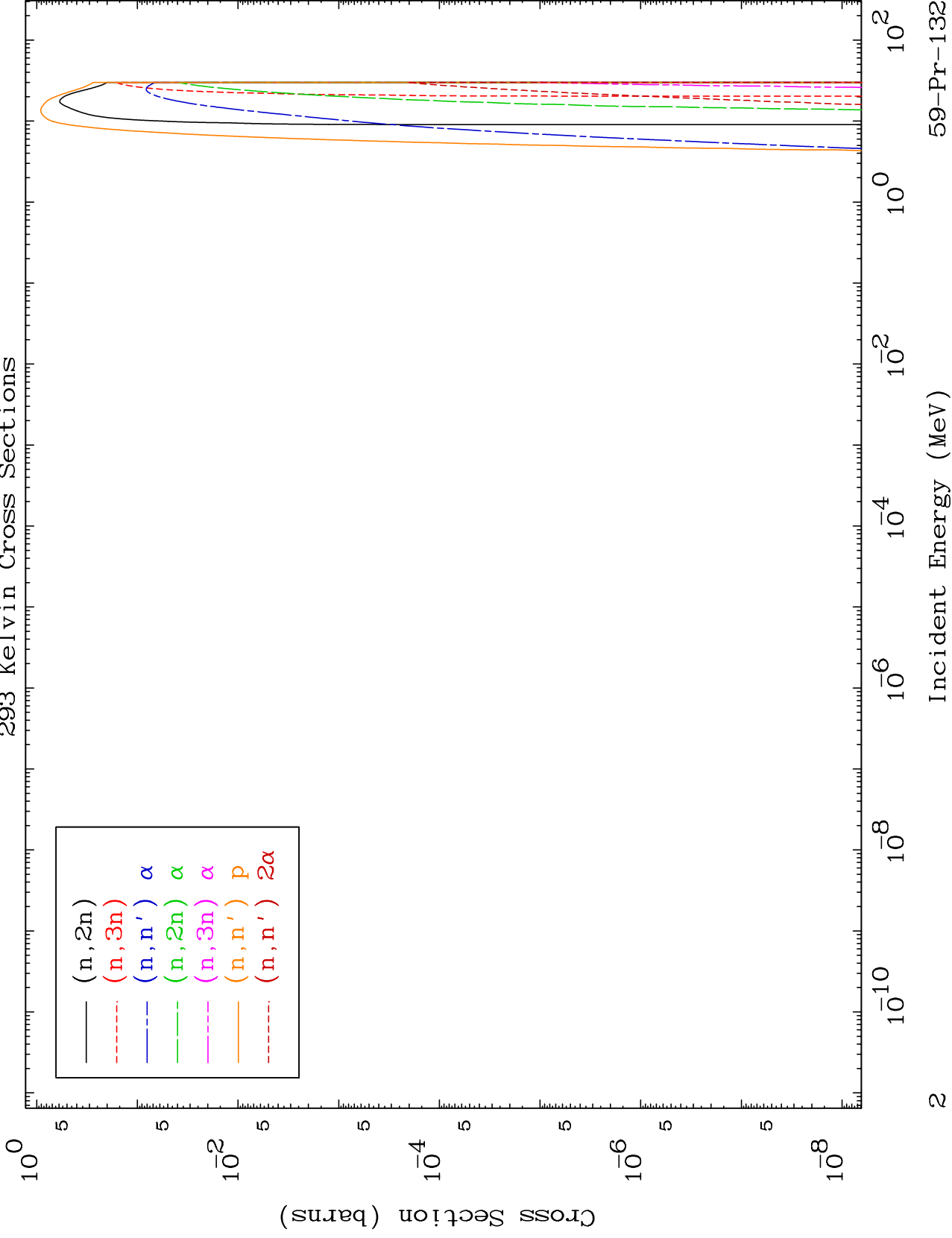
59-Pr-132

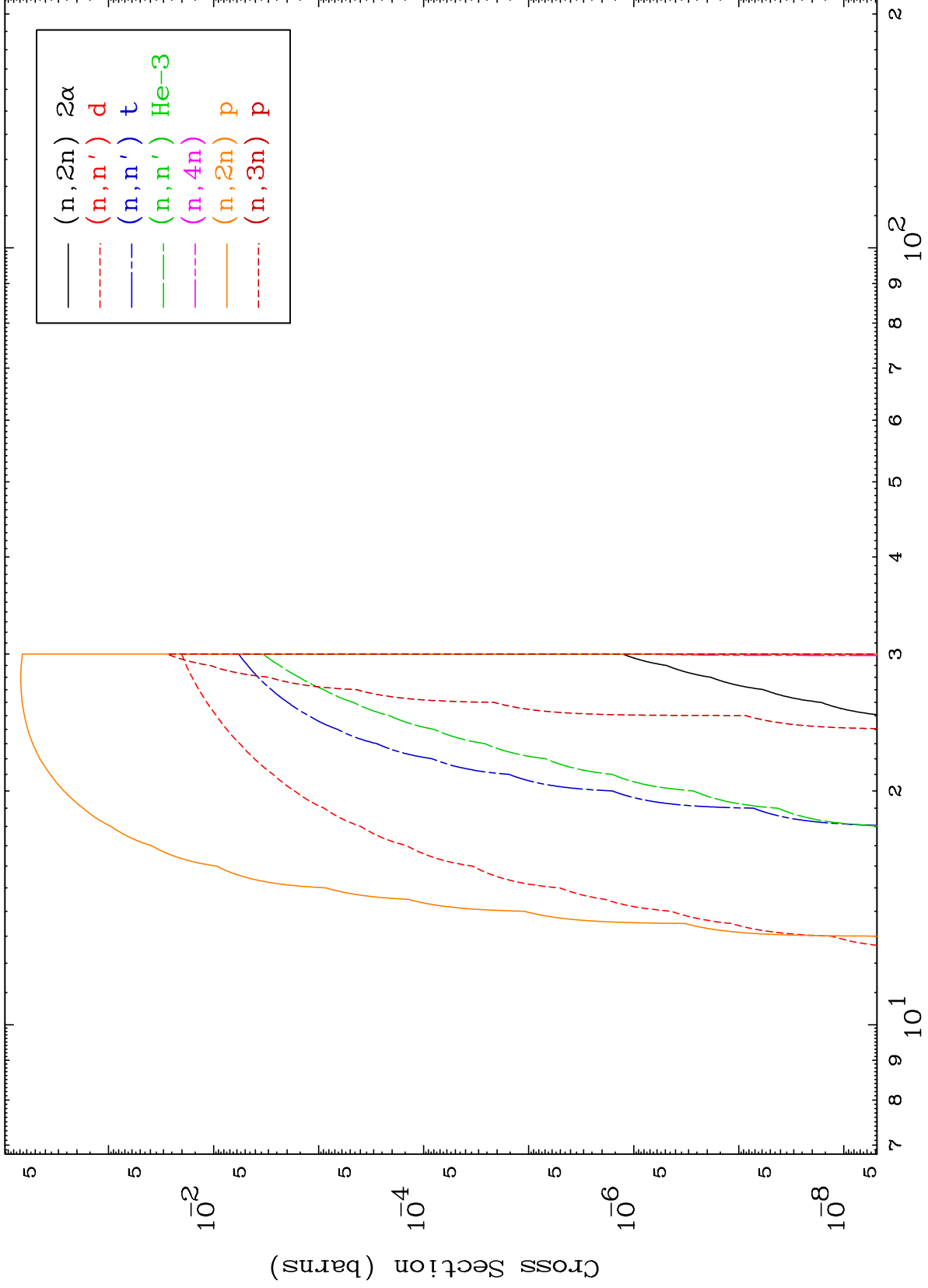


MAT 5898

Neutron Production
293 Kelvin Cross Sections

59-Pr-132

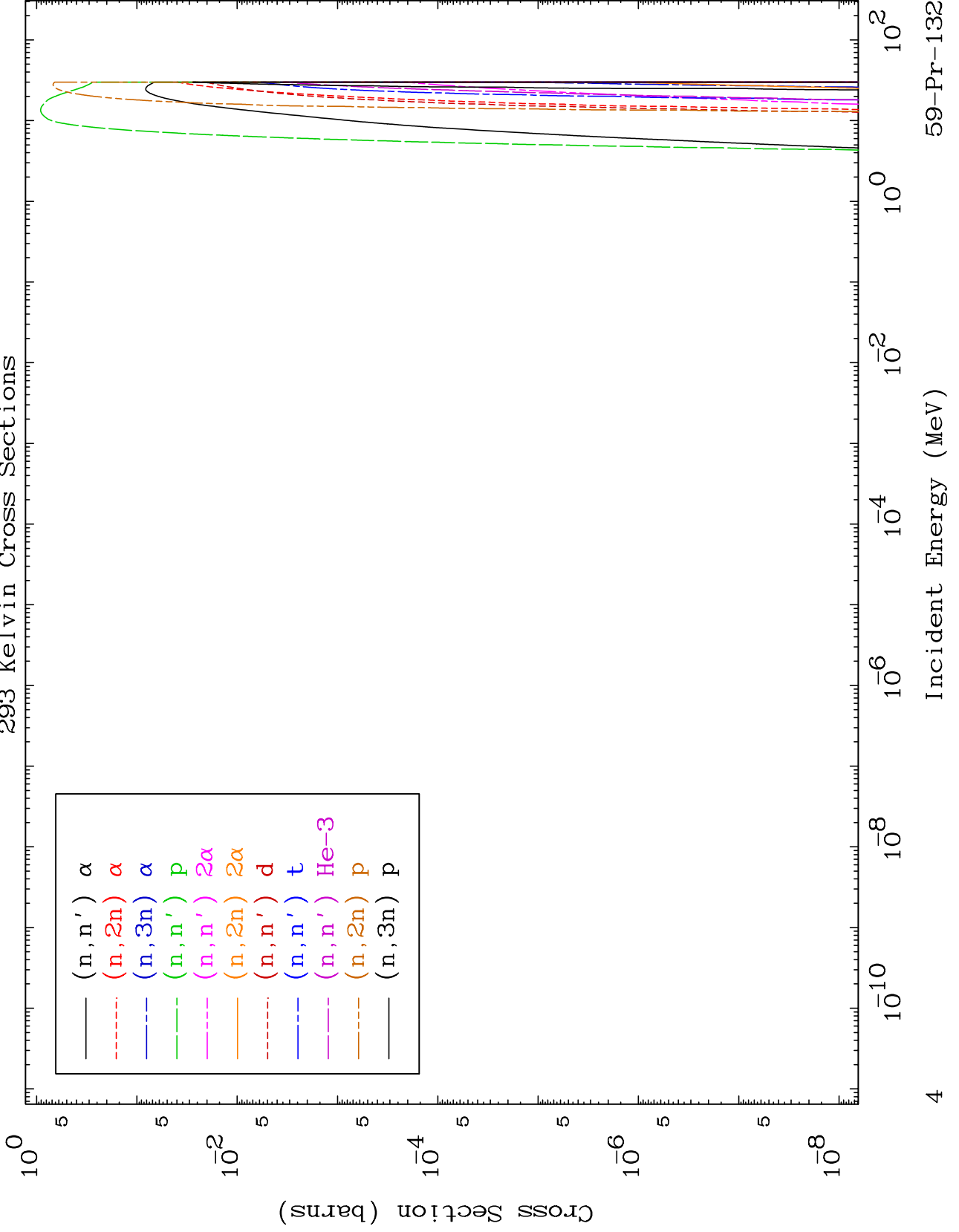




MAT 5898

Charged Particle
293 Kelvin Cross Sections

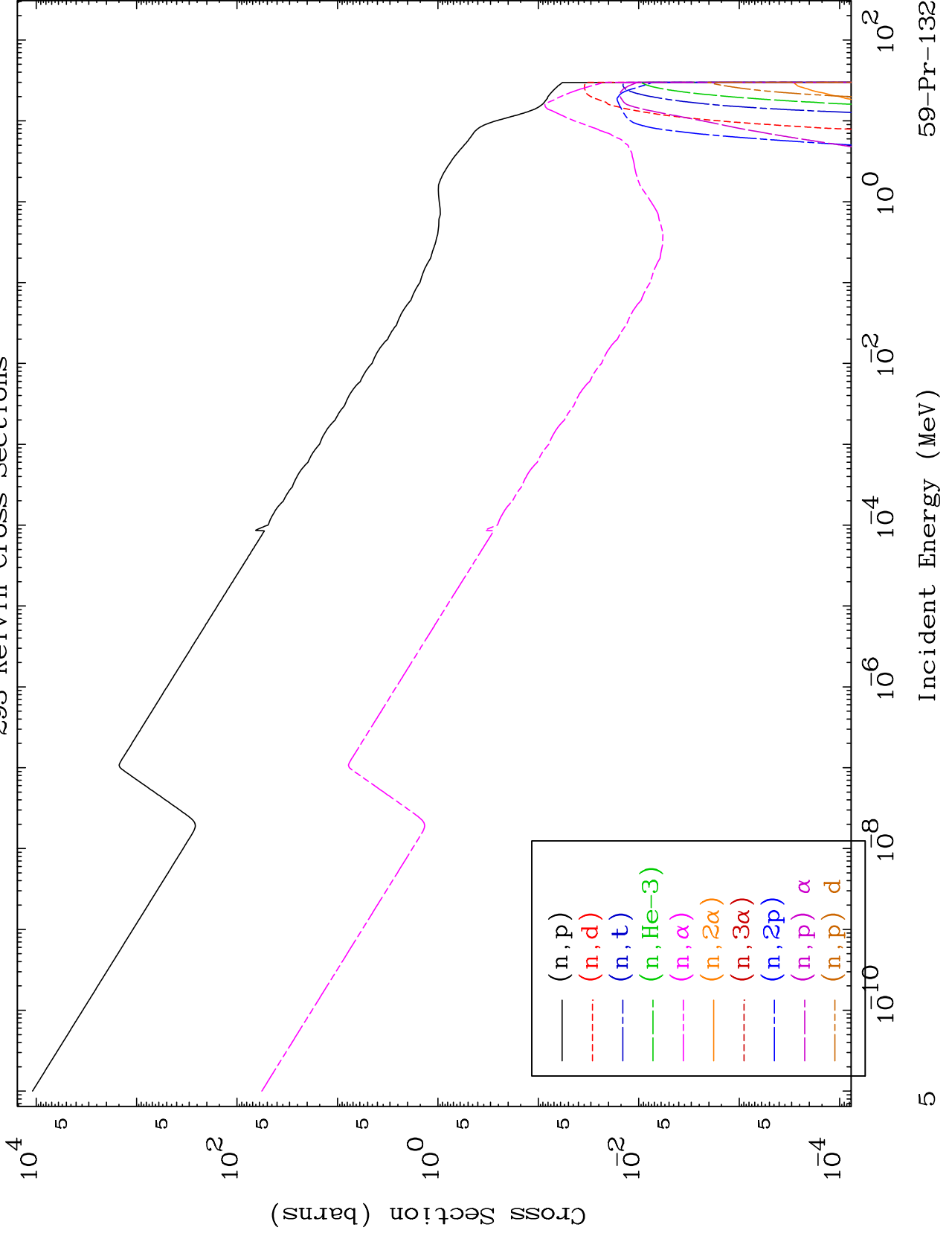
59-Pr-132



MAT 5898

Charged Particle
293 Kelvin Cross Sections

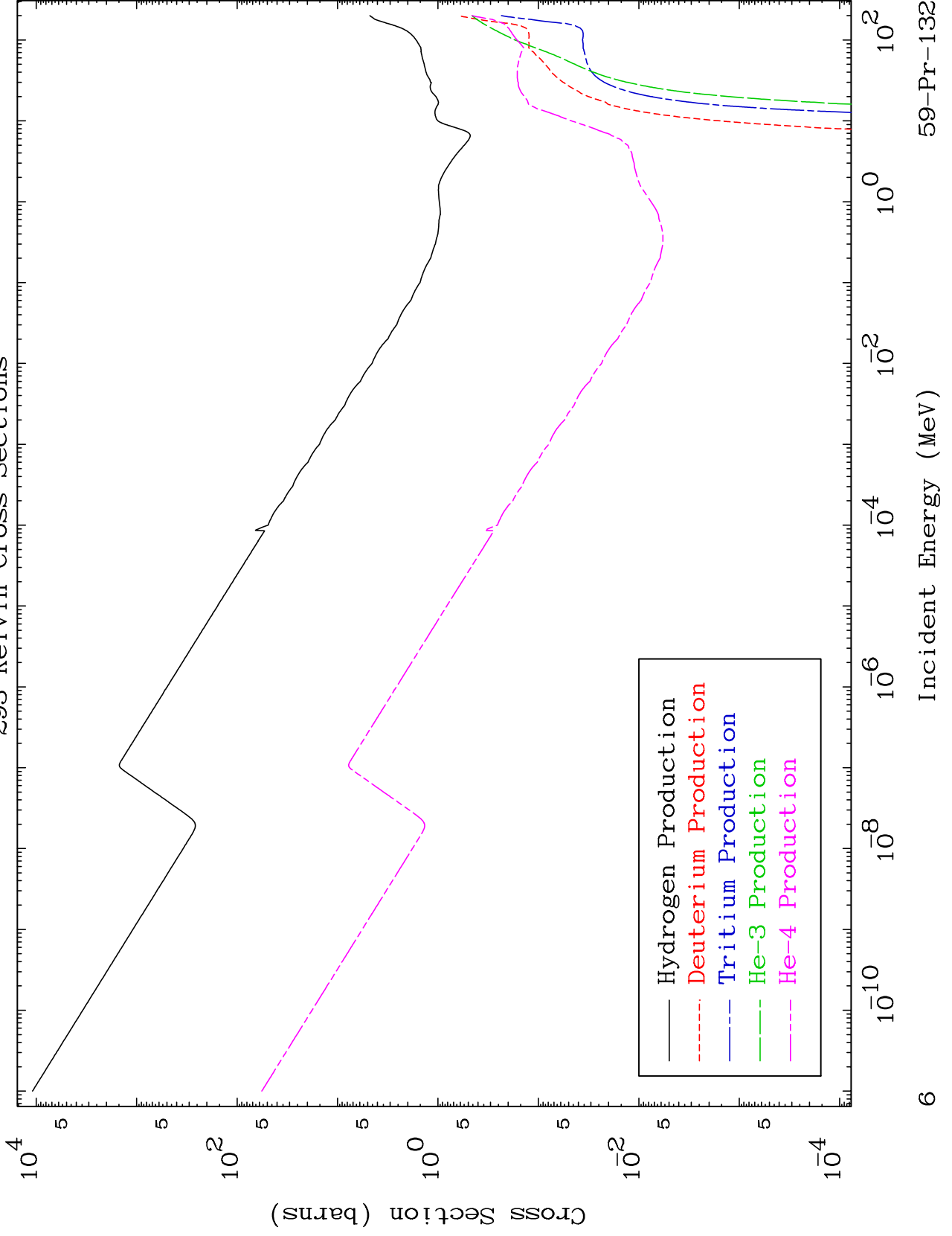
59-Pr-132



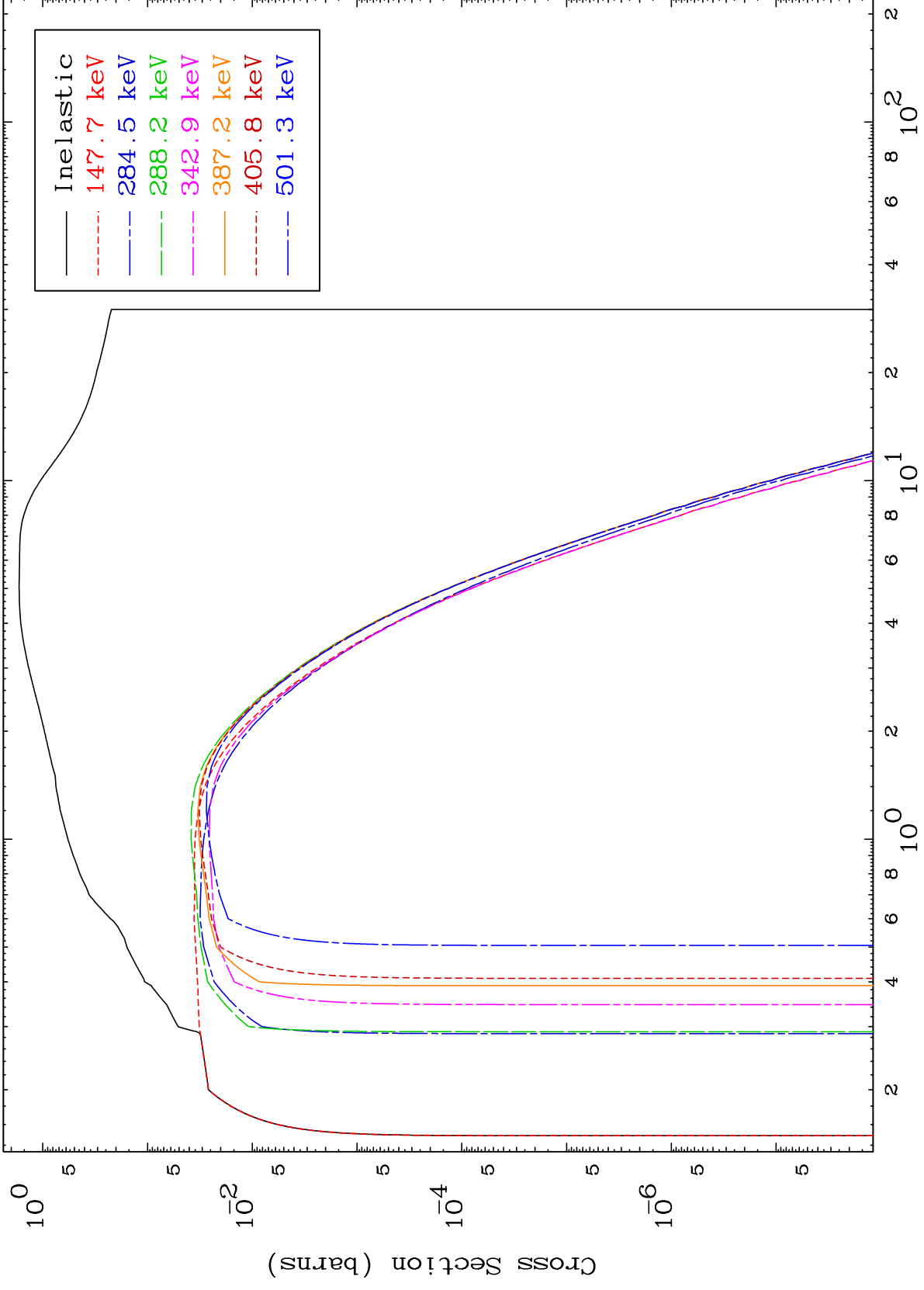
MAT 5898

Particle Production
293 Kelvin Cross Sections

59-Pr-132



293 Kelvin Cross Sections

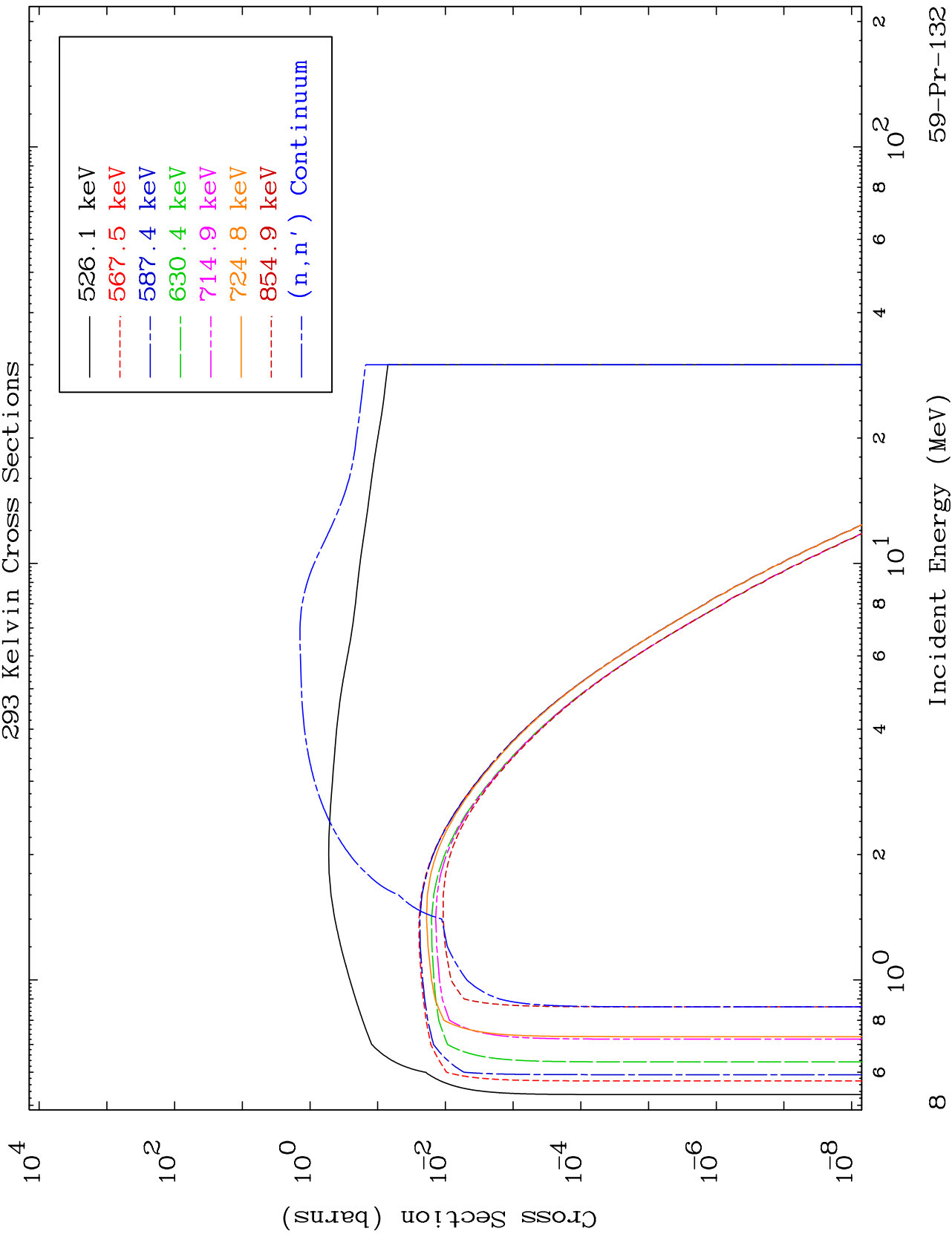


MAT 5898

(n,n') Level

59-Pr-132

293 Kelvin Cross Sections



8

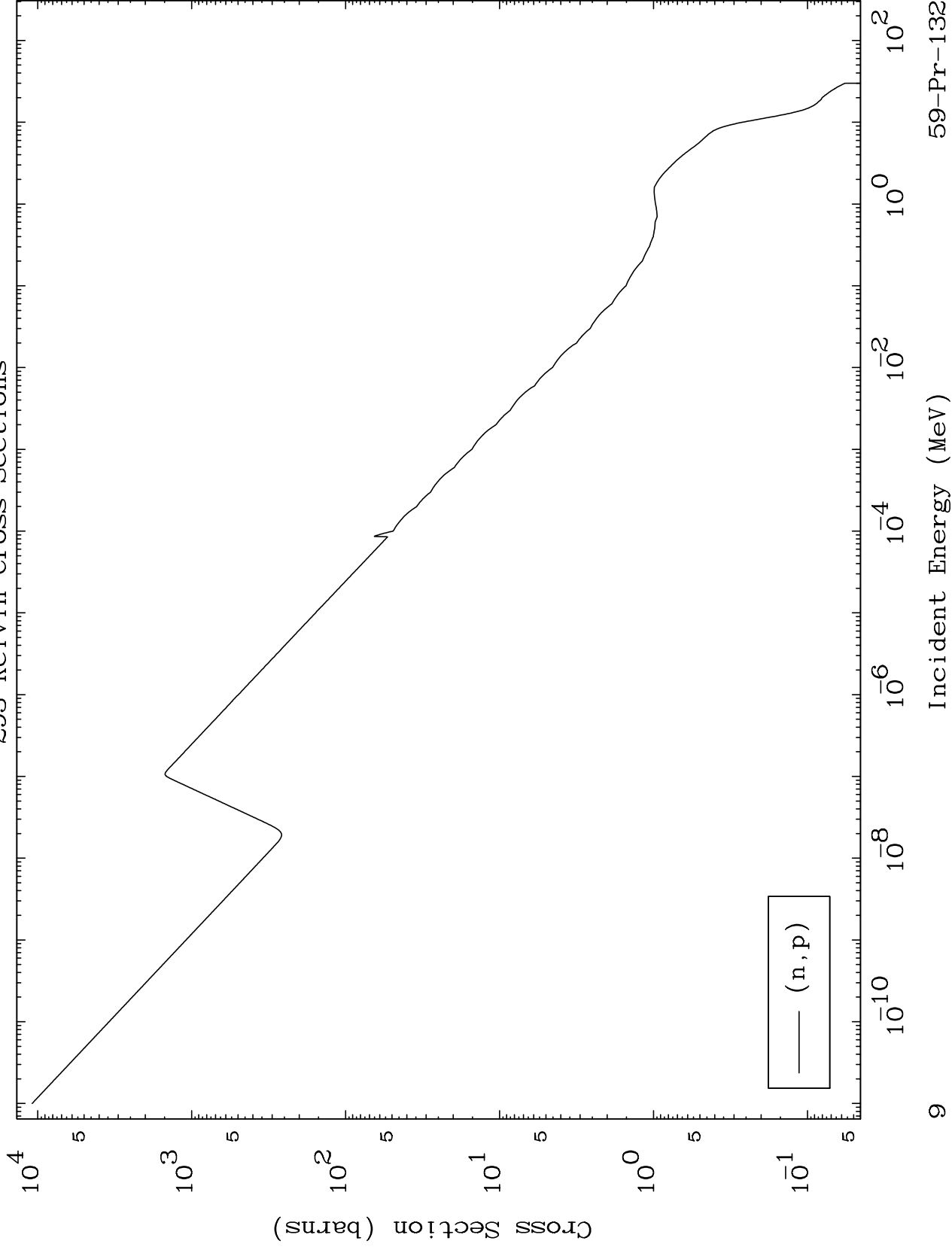
Incident Energy (MeV)

59-Pr-132

MAT 5898

(n,p) Levels
293 Kelvin Cross Sections

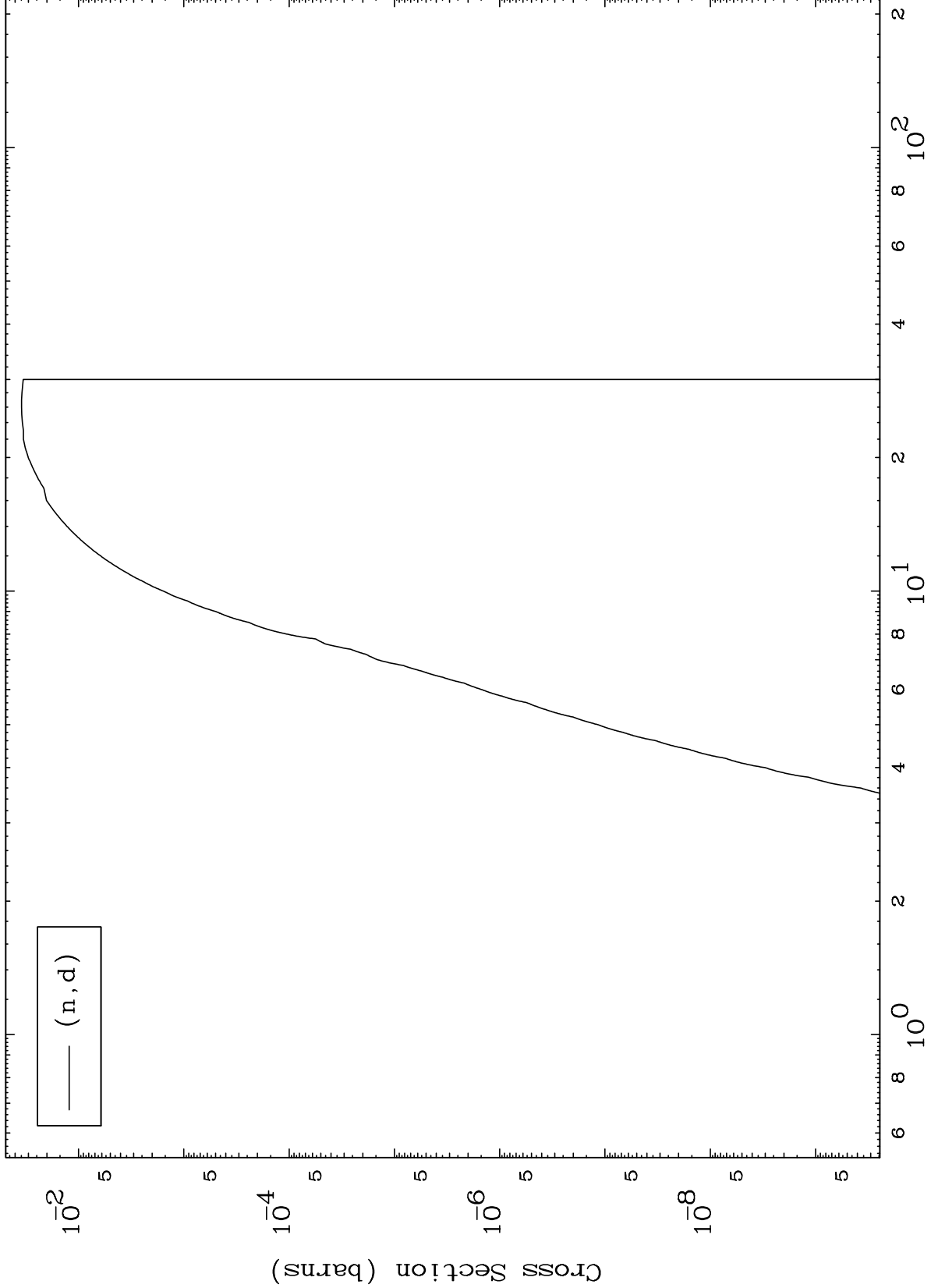
59-Pr-132



MAT 5898

(n,d) Levels
293 Kelvin Cross Sections

59-Pr-132



10

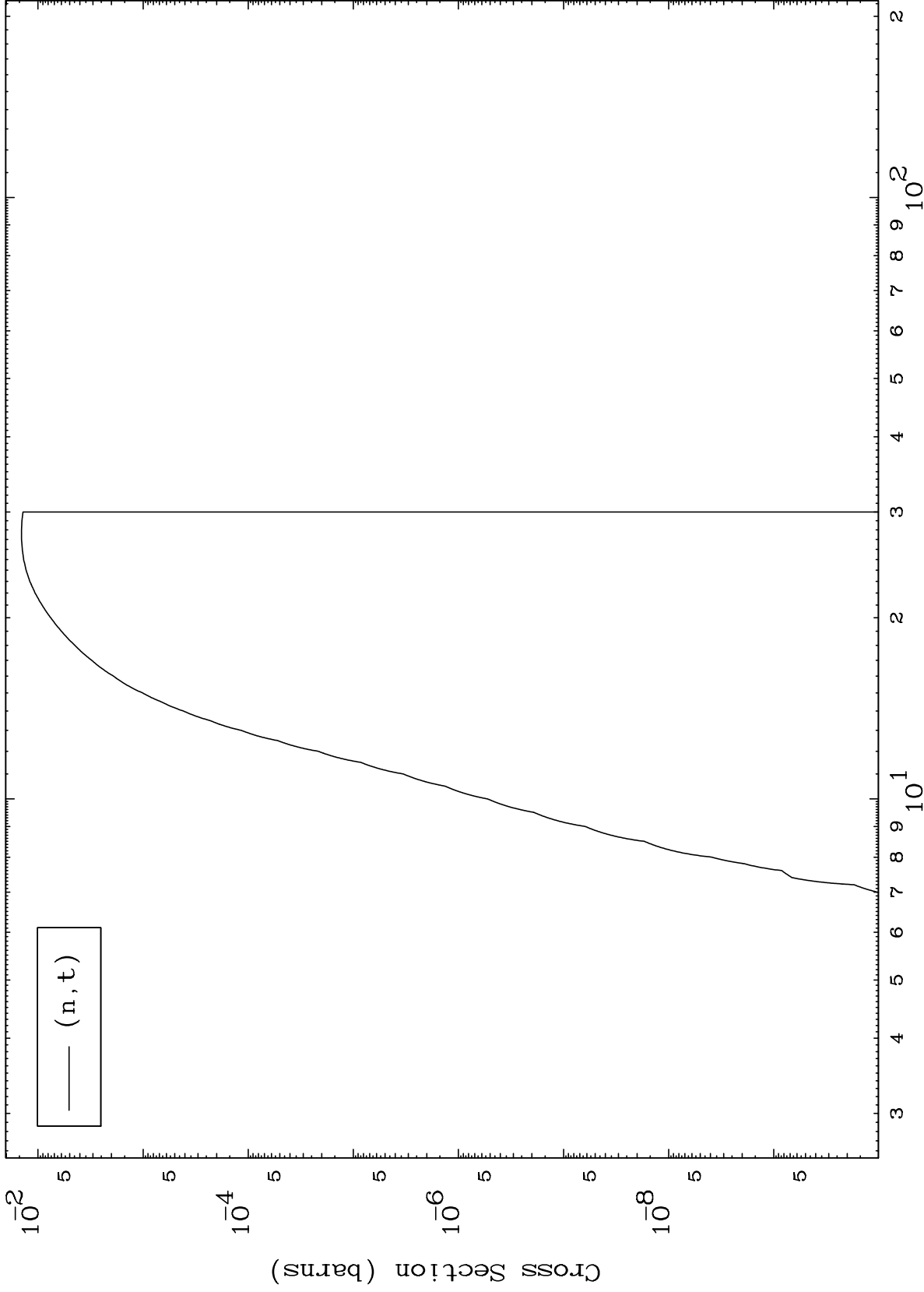
Incident Energy (MeV)

59-Pr-132

MAT 5898

(n,t) Levels
293 Kelvin Cross Sections

59-Pr-132



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Incident Energy (MeV)

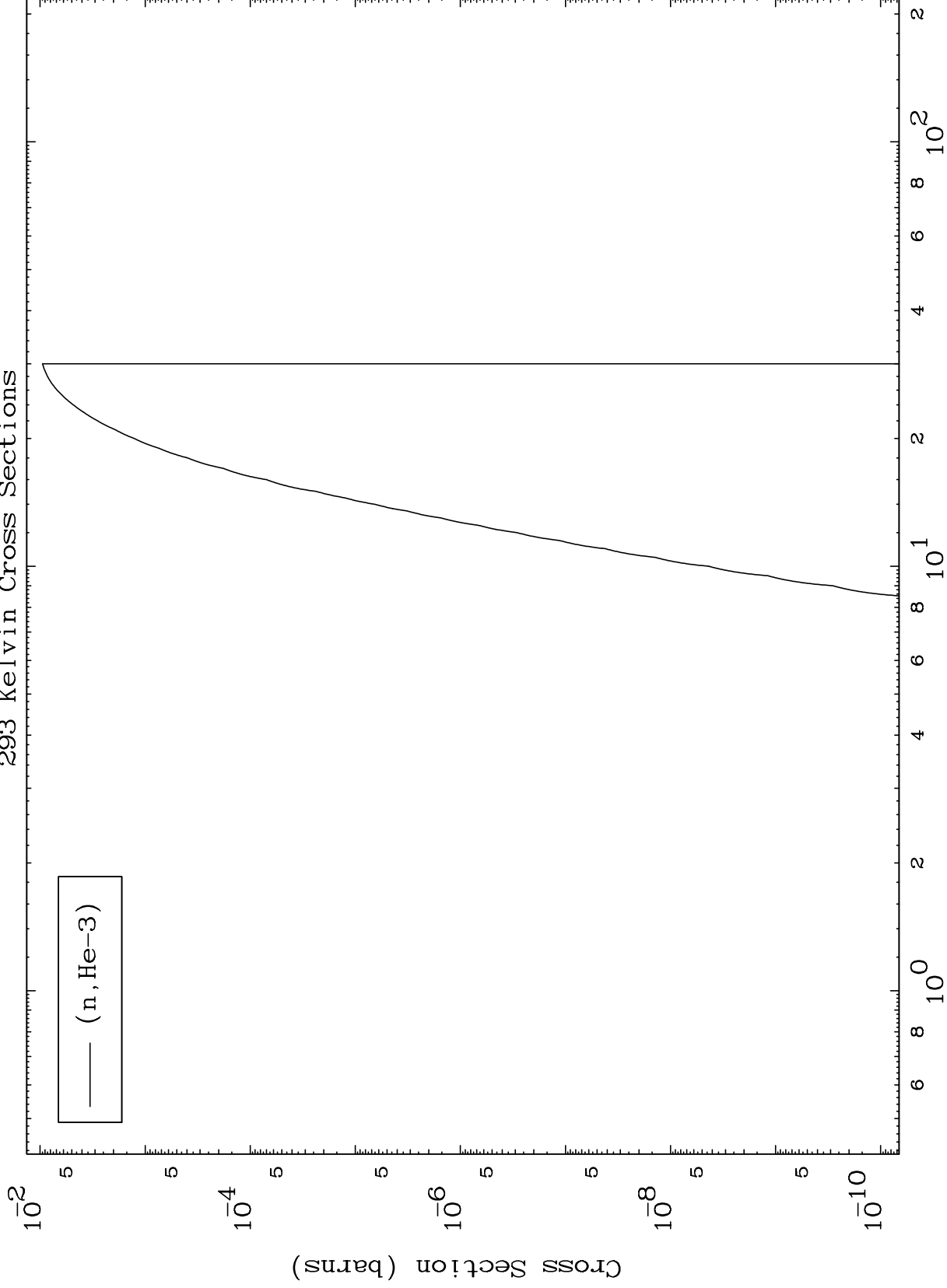
59-Pr-132

MAT 5898

(n,He3) Levels

59-Pr-132

293 Kelvin Cross Sections



12

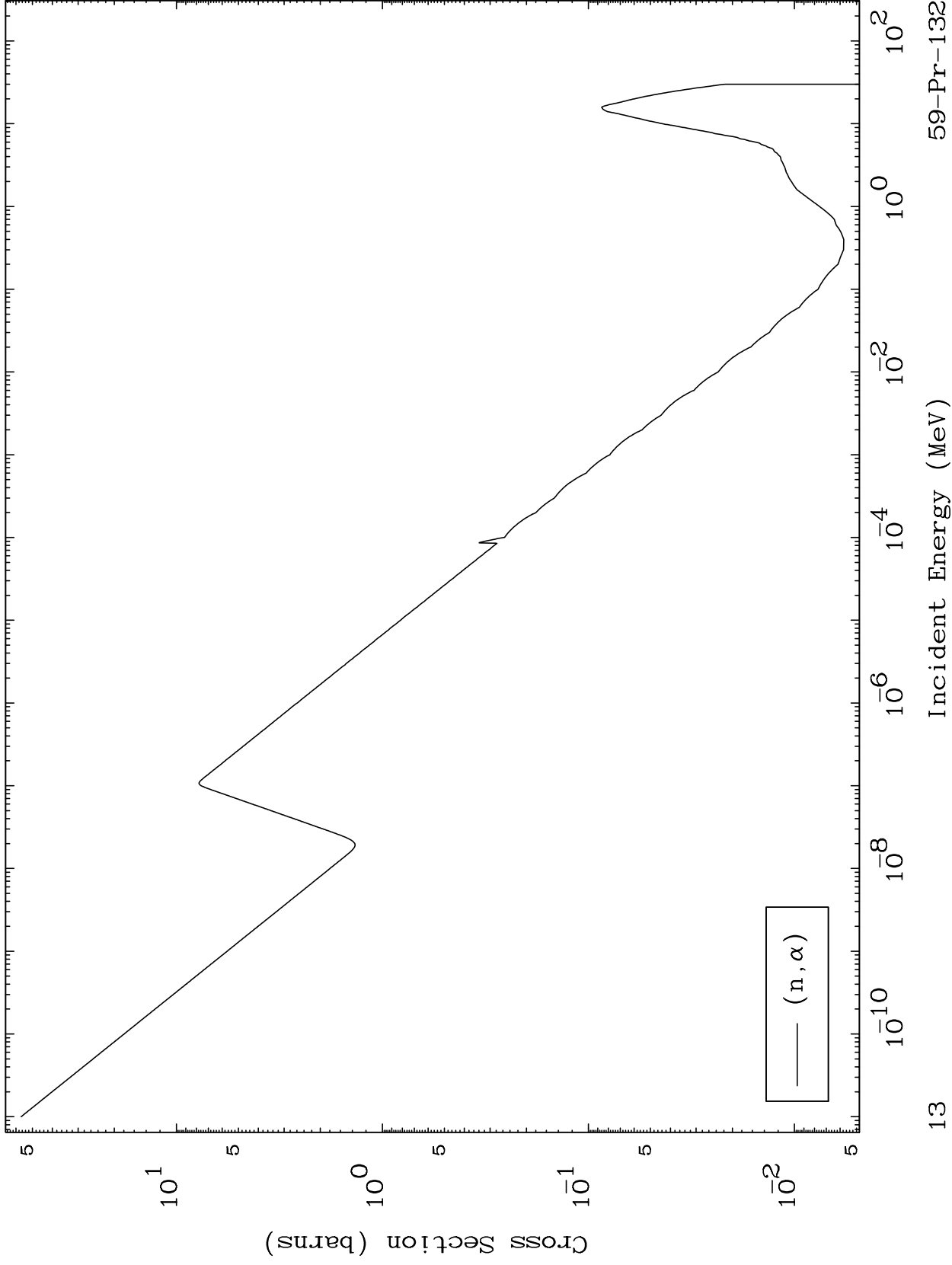
Incident Energy (MeV)

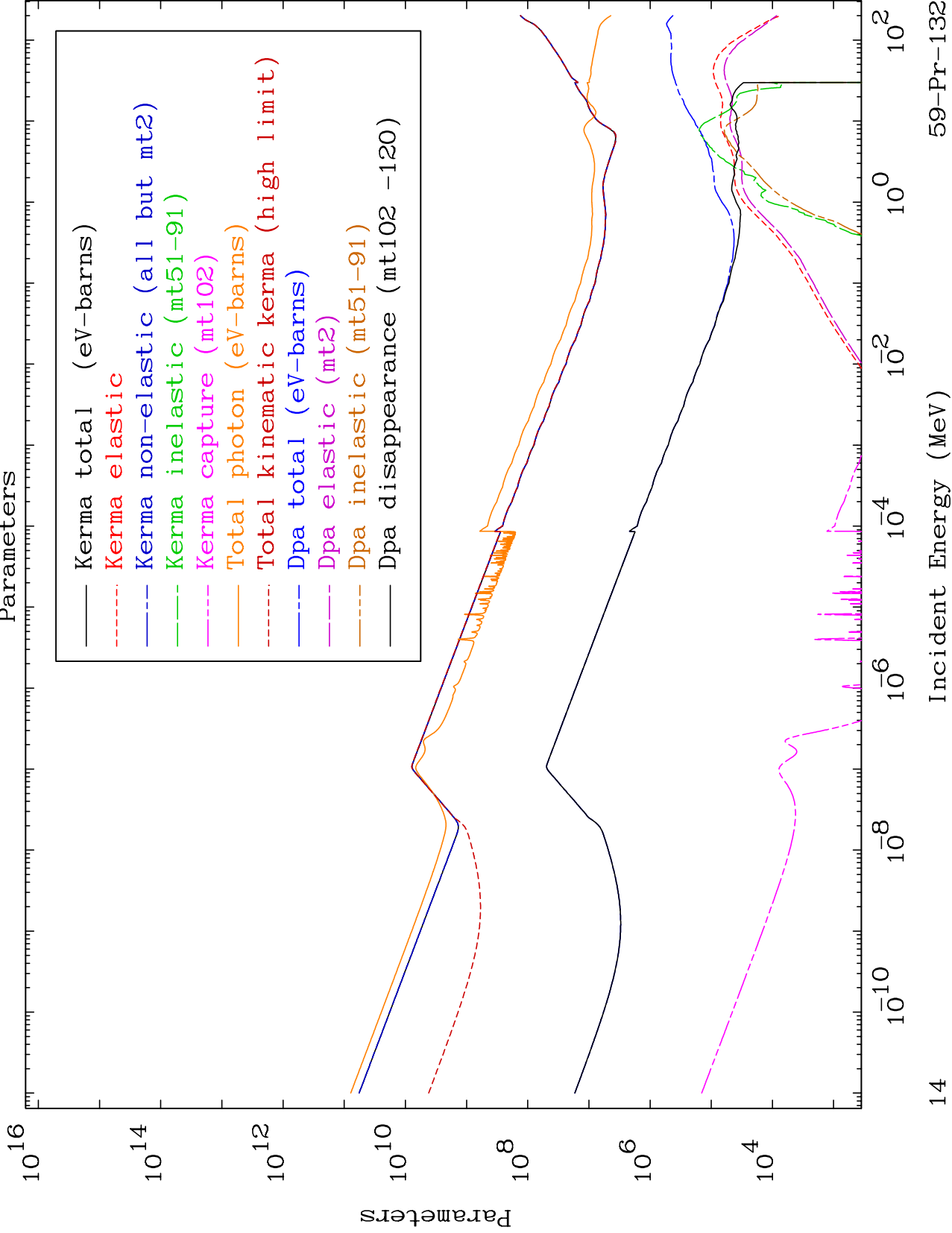
59-Pr-132

MAT 5898

(n,α) Levels
293 Kelvin Cross Sections

59-Pr-132

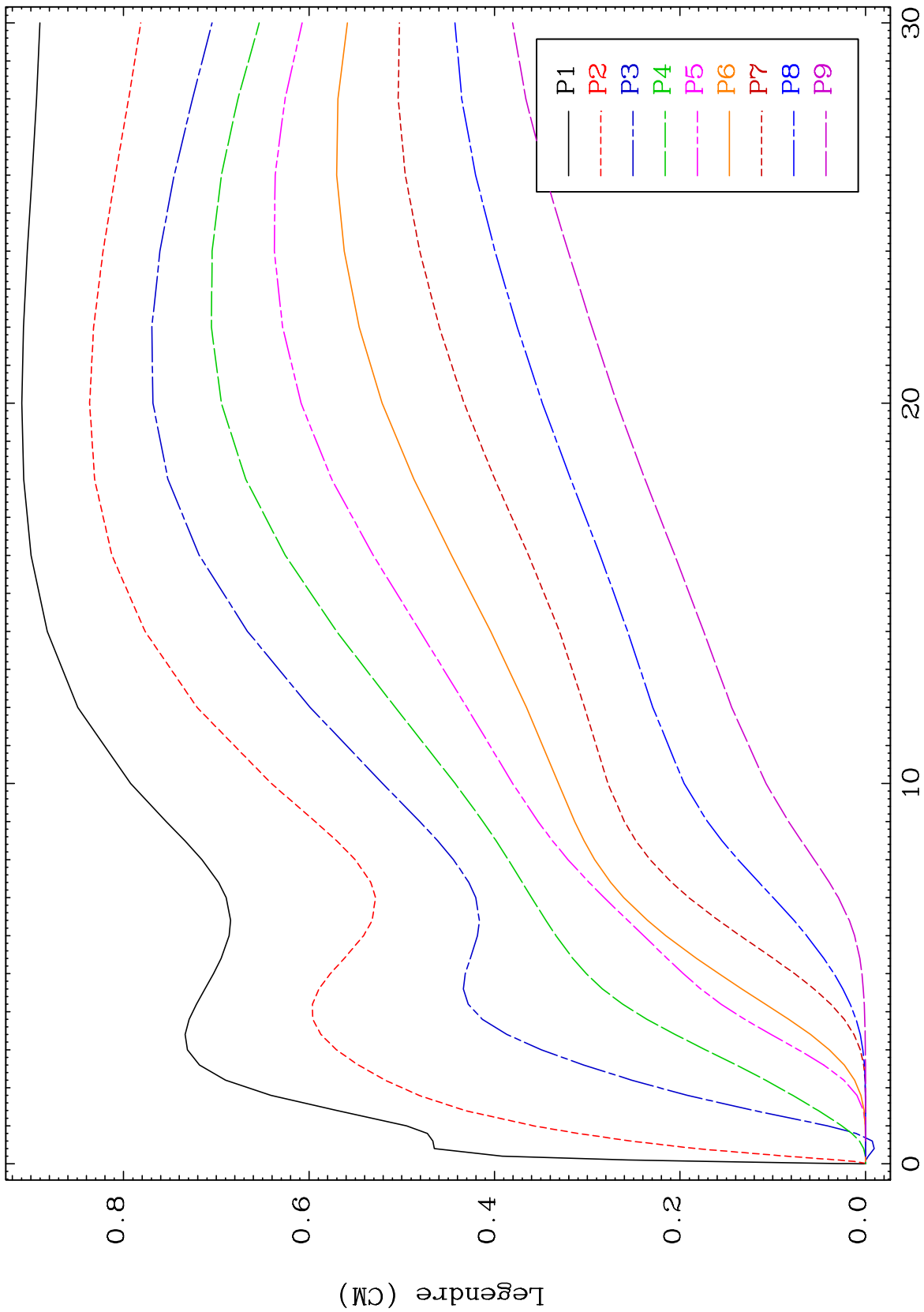




MAT 5898

Elastic Legendre Coefficients

59-Pr-132



15

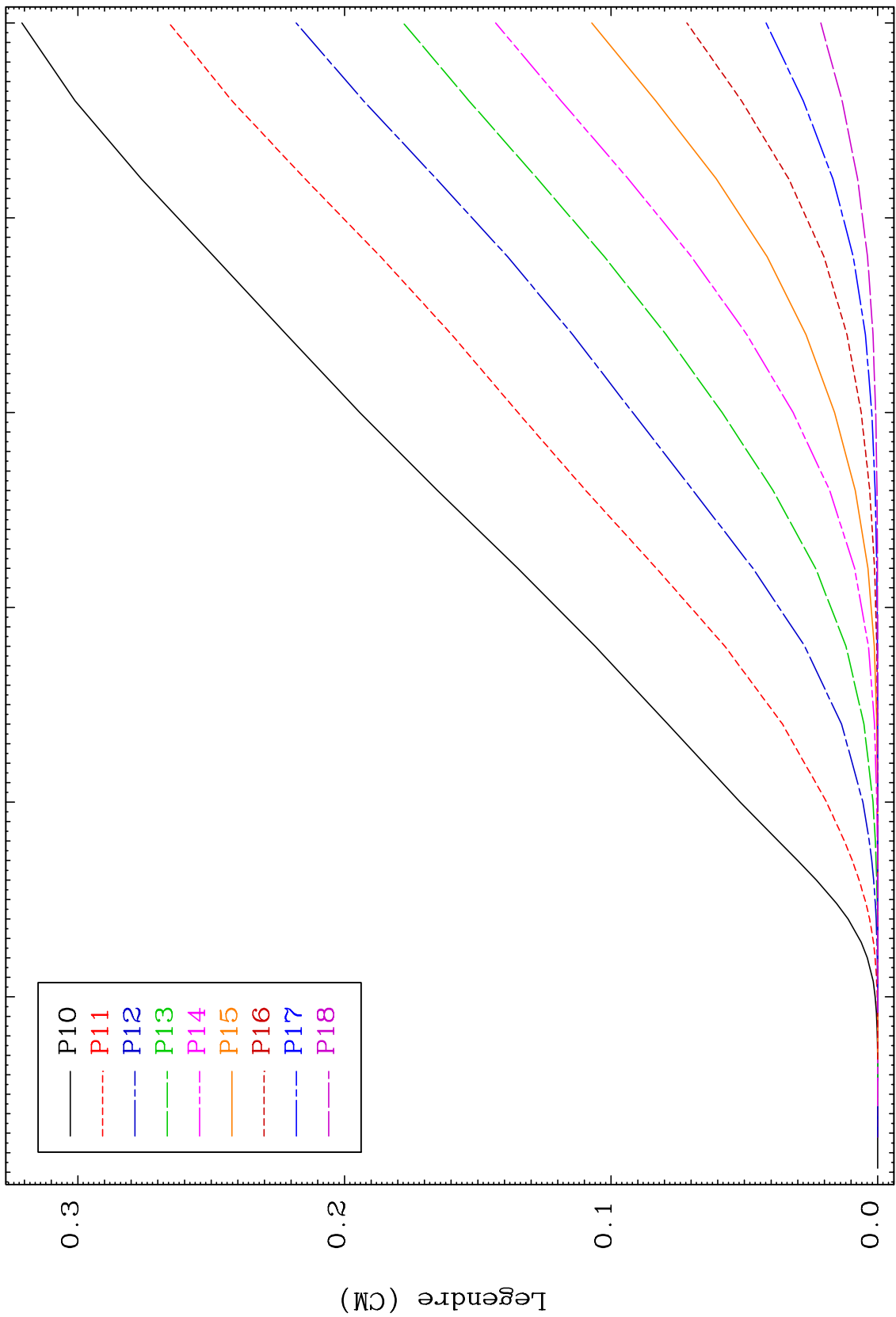
Incident Energy (MeV)

59-Pr-132

MAT 5898

Elastic Legendre Coefficients

59-Pr-132



16

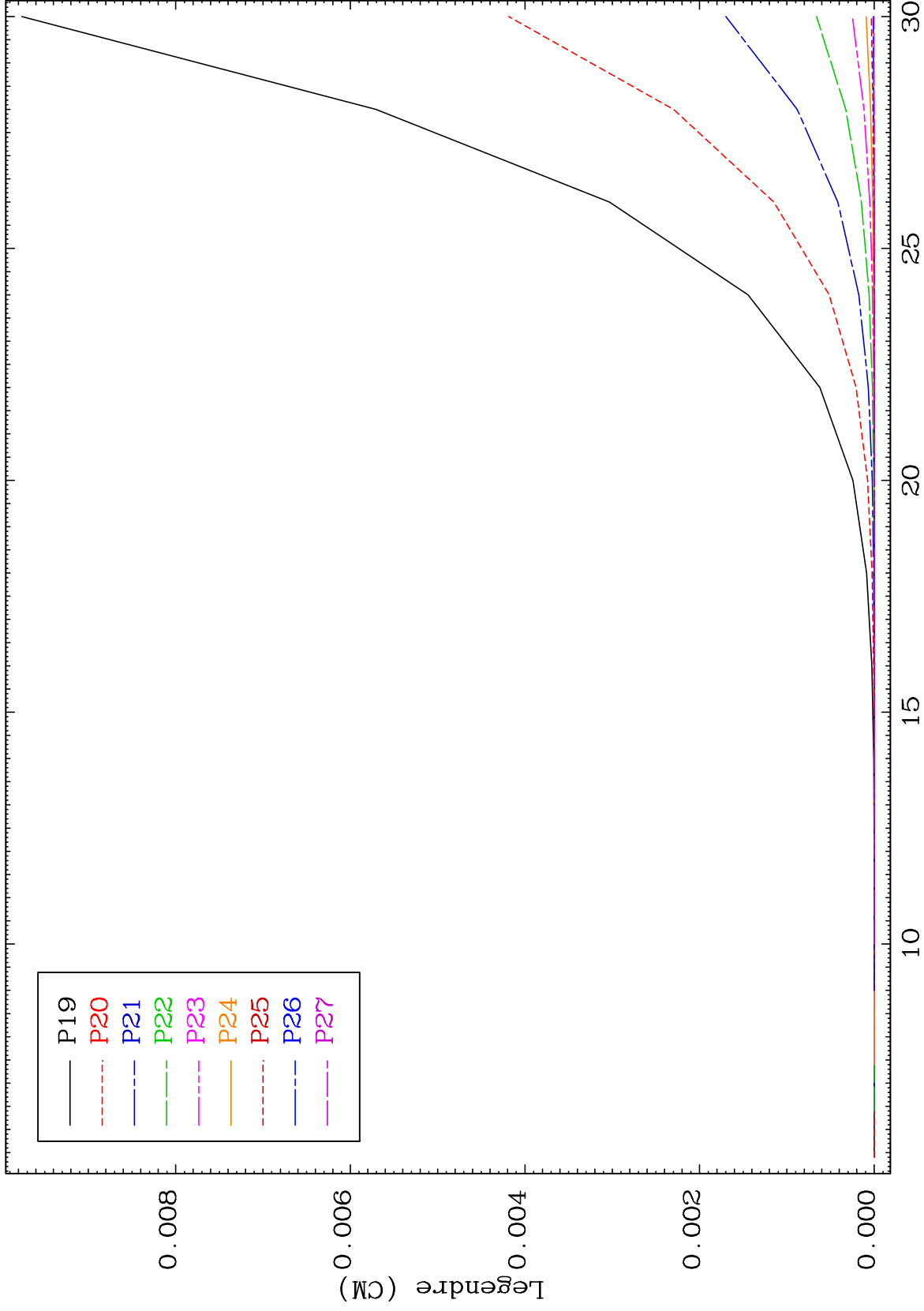
Incident Energy (MeV)

59-Pr-132

MAT 5898

Elastic Legendre Coefficients

59-Pr-132



17

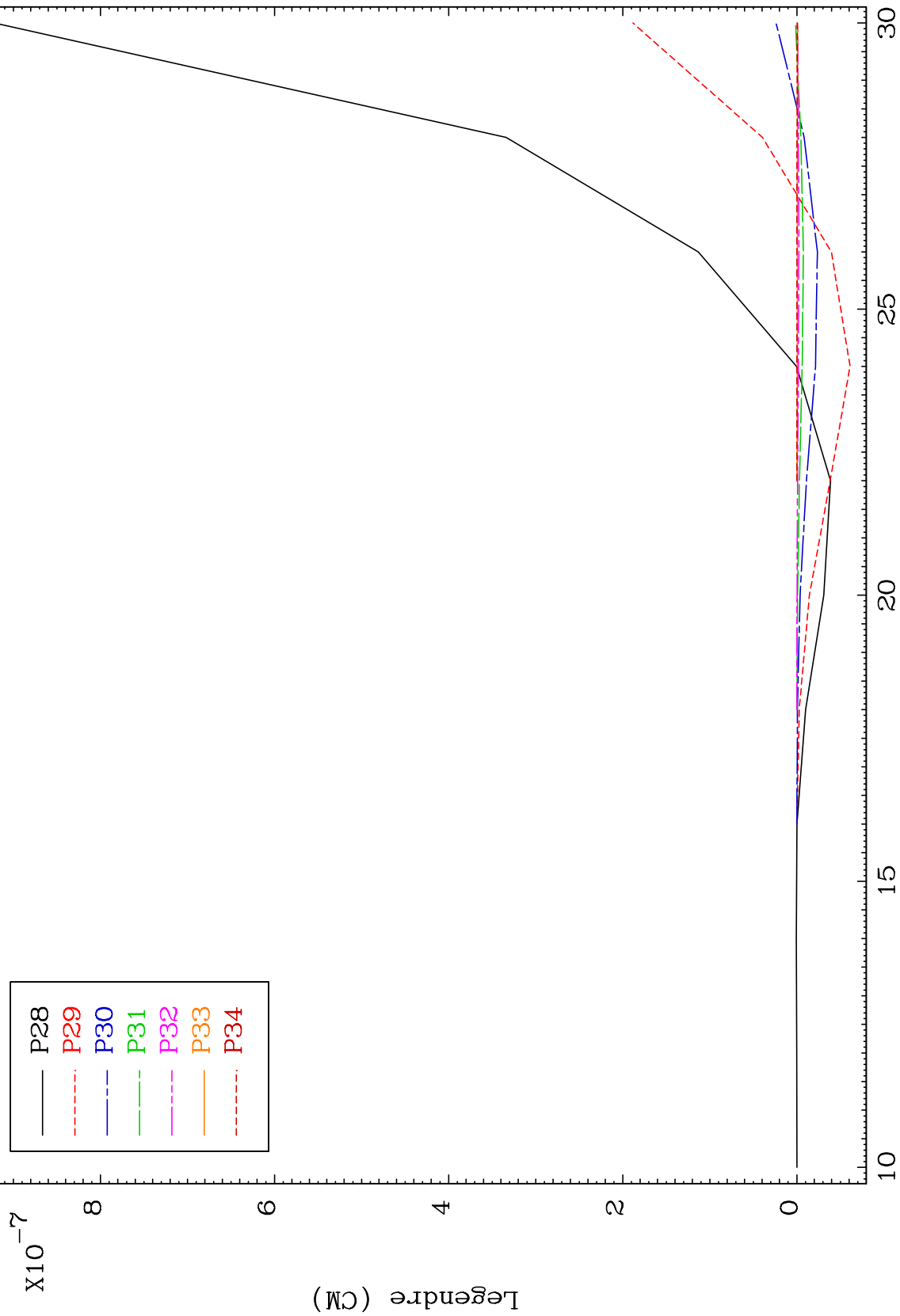
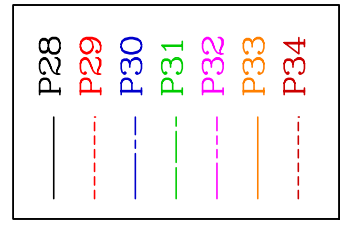
Incident Energy (MeV)

59-Pr-132

MAT 5898

Elastic Legendre Coefficients

59-Pr-132



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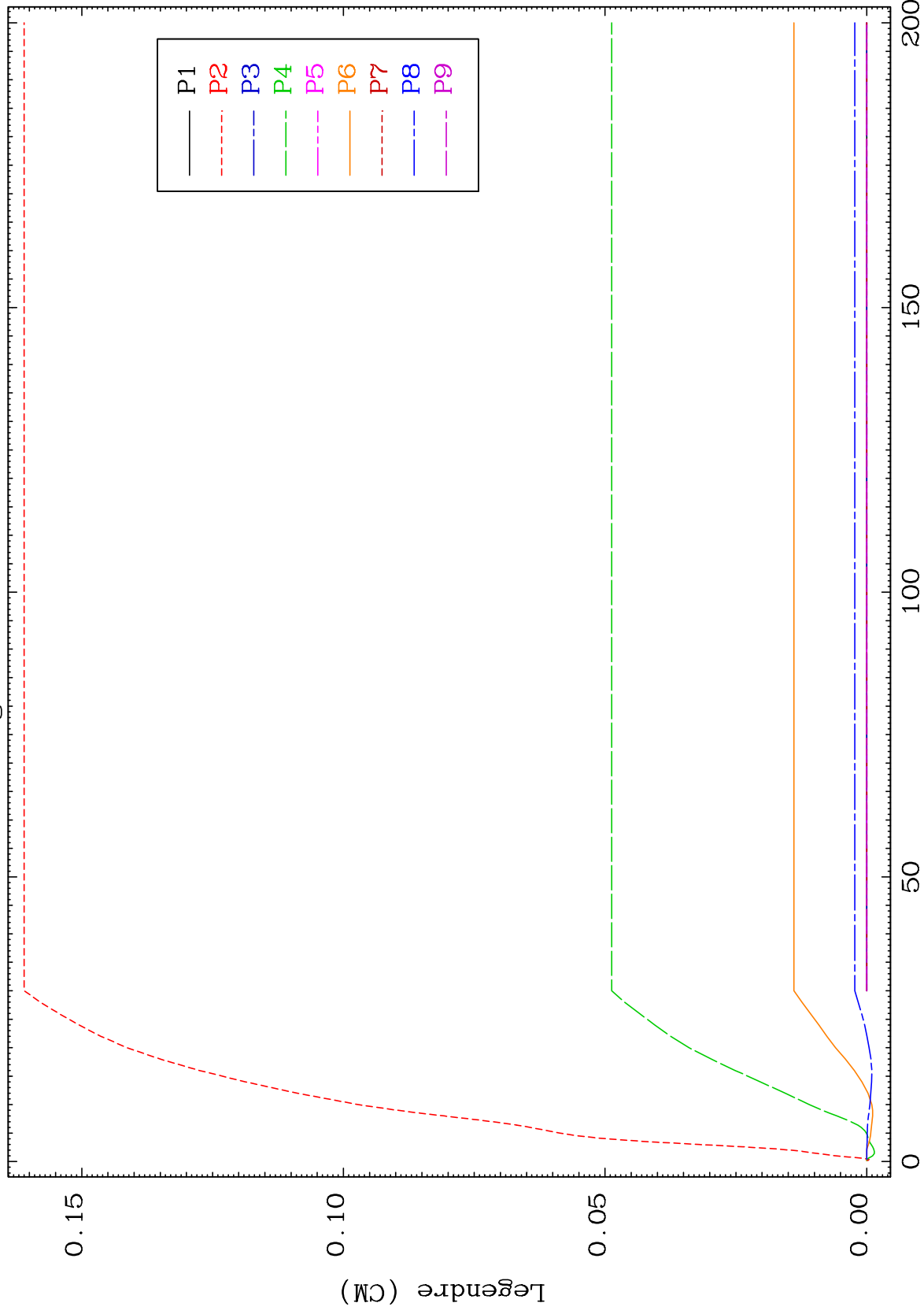
Incident Energy (MeV)

59-Pr-132

MAT 5898

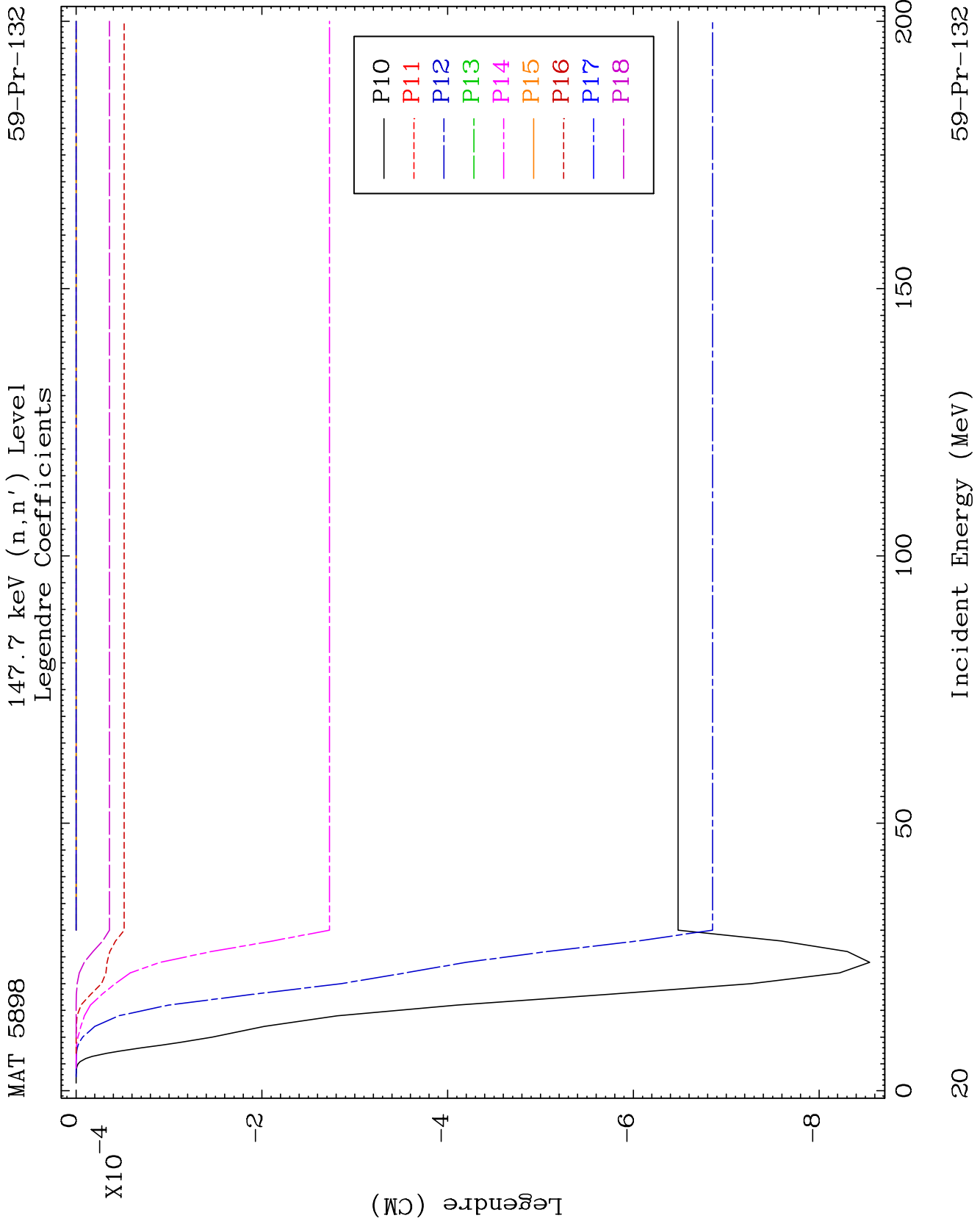
147.7 keV (n, n') Level
Legendre Coefficients

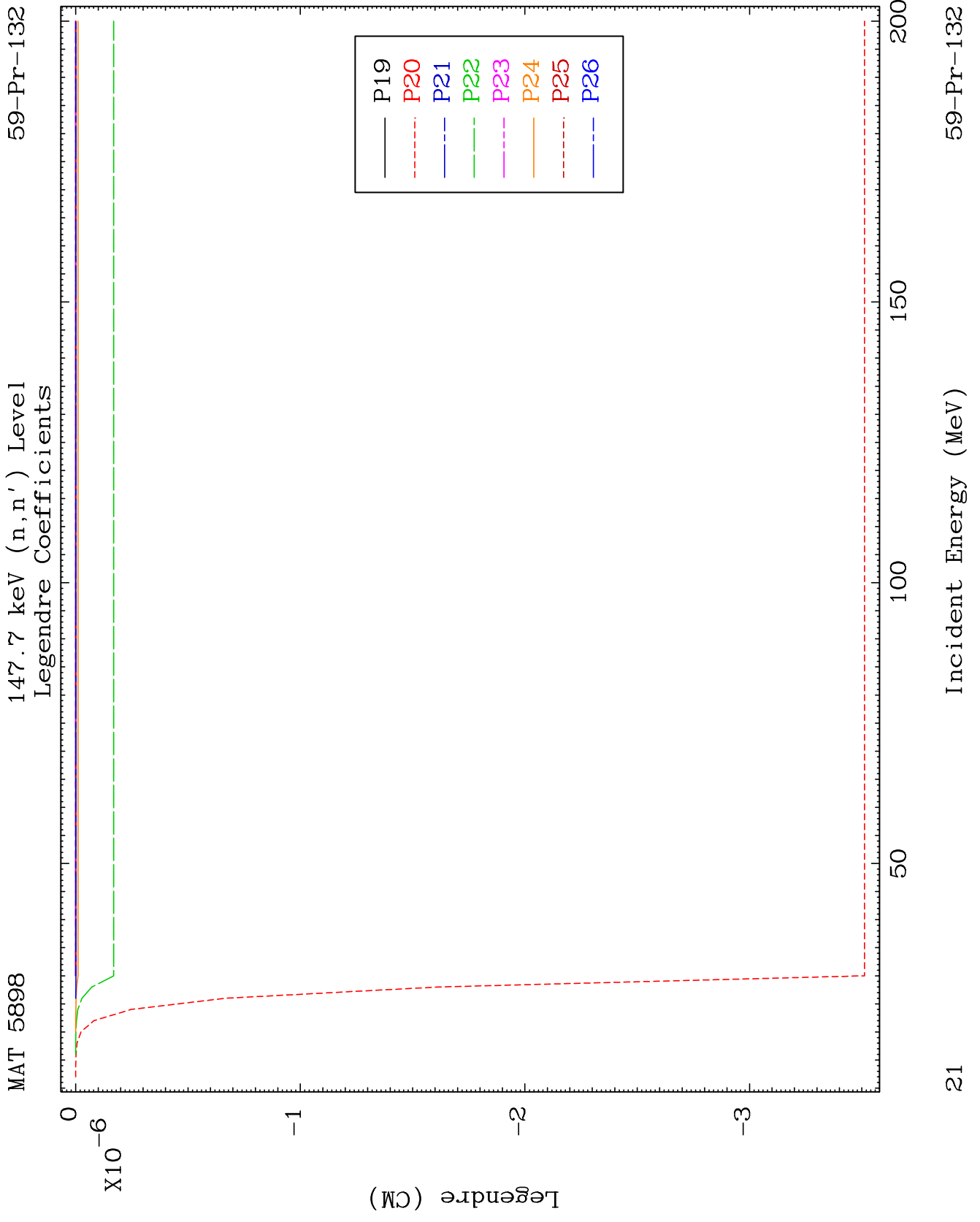
59-Pr-132

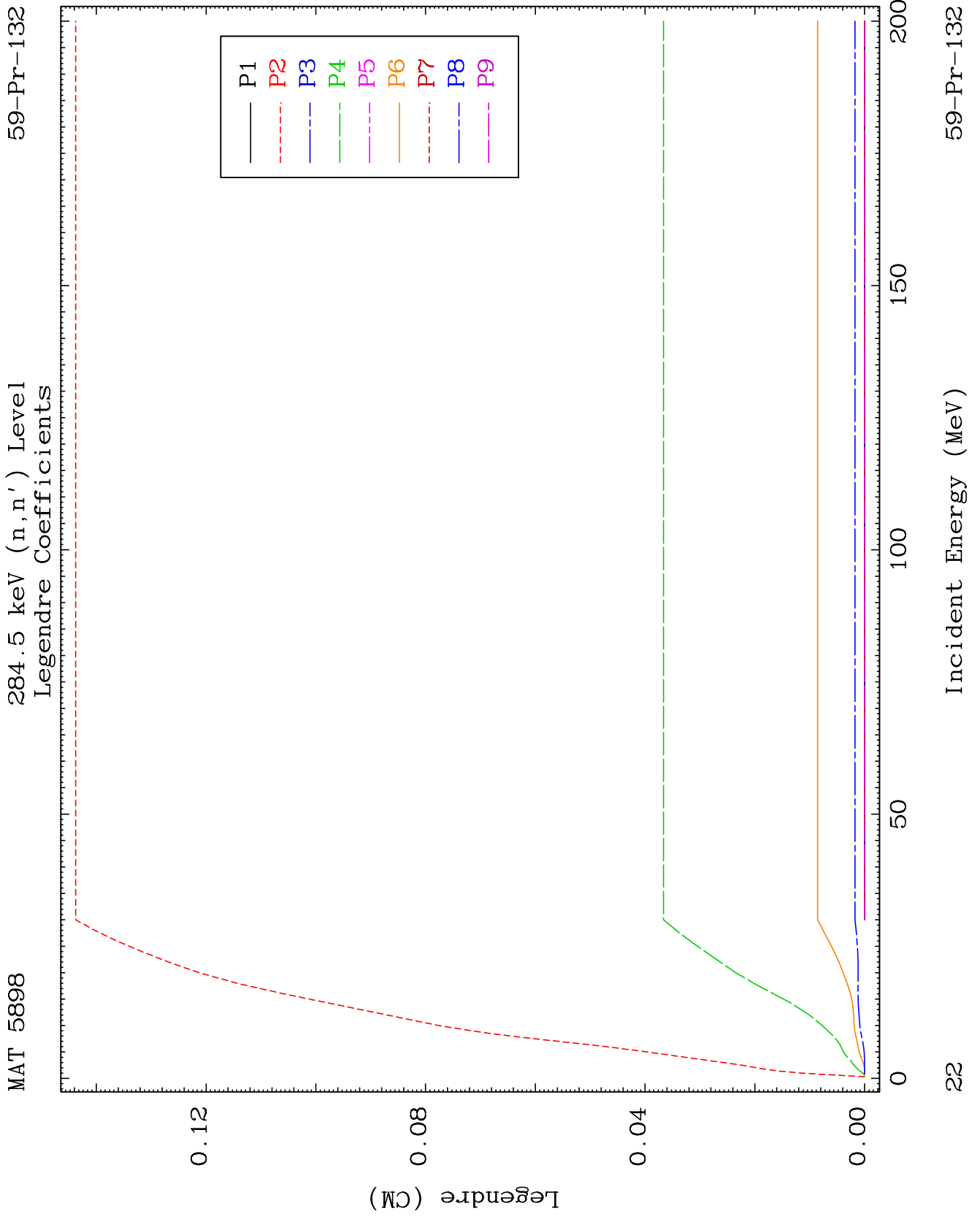


19

59-Pr-132



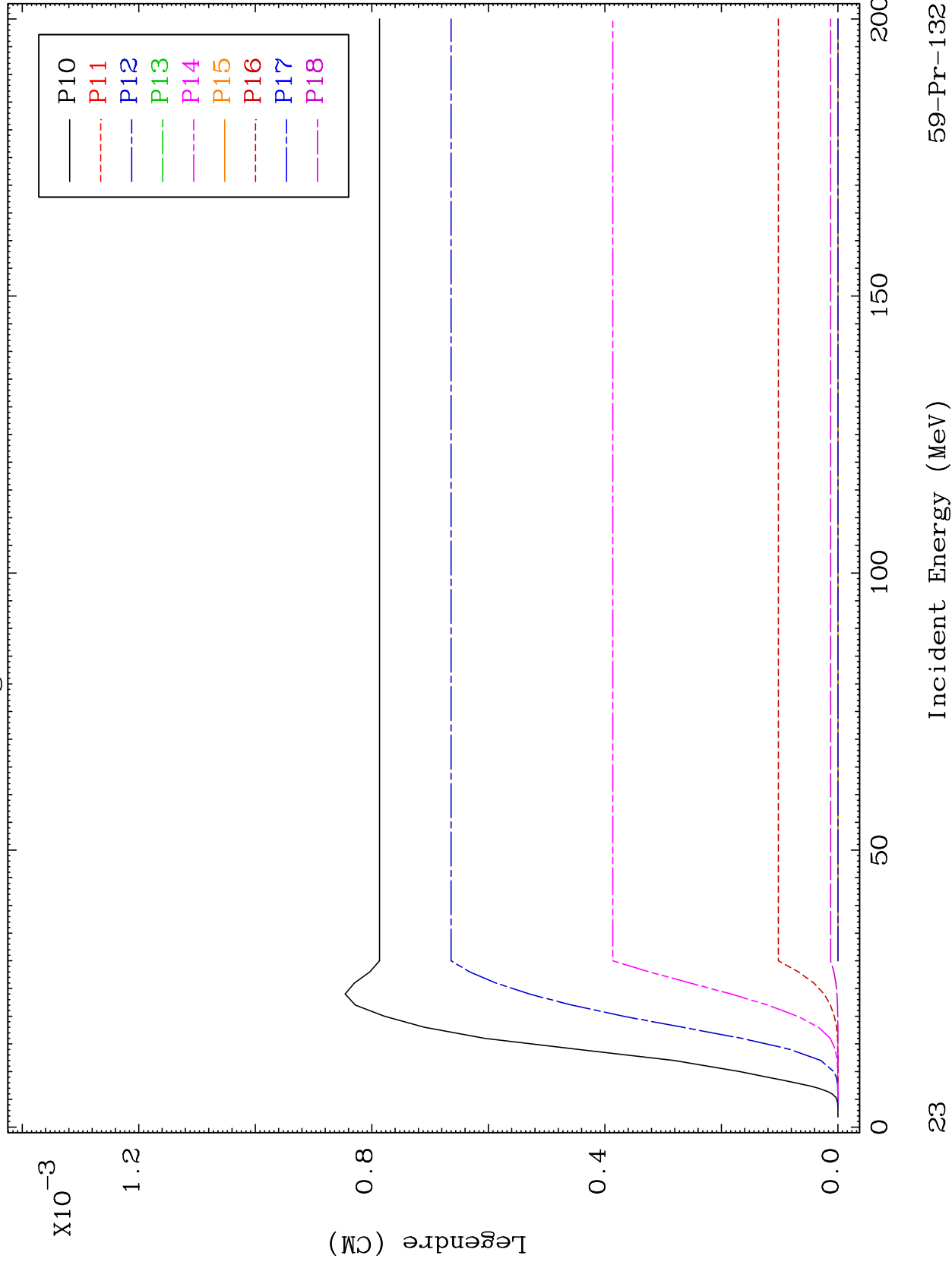


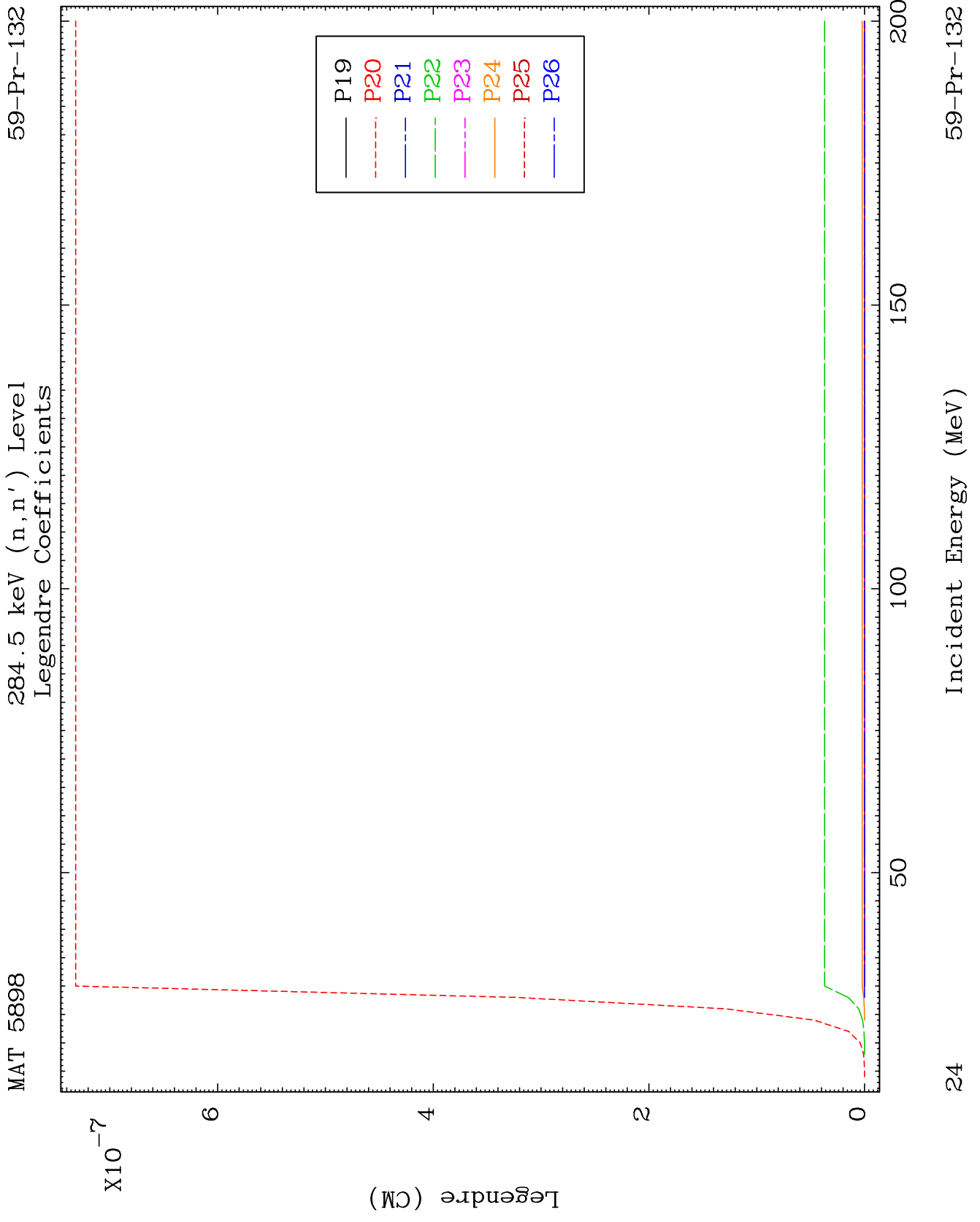


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284.5 keV (n,n') Level
Legendre Coefficients

59-Pr-132

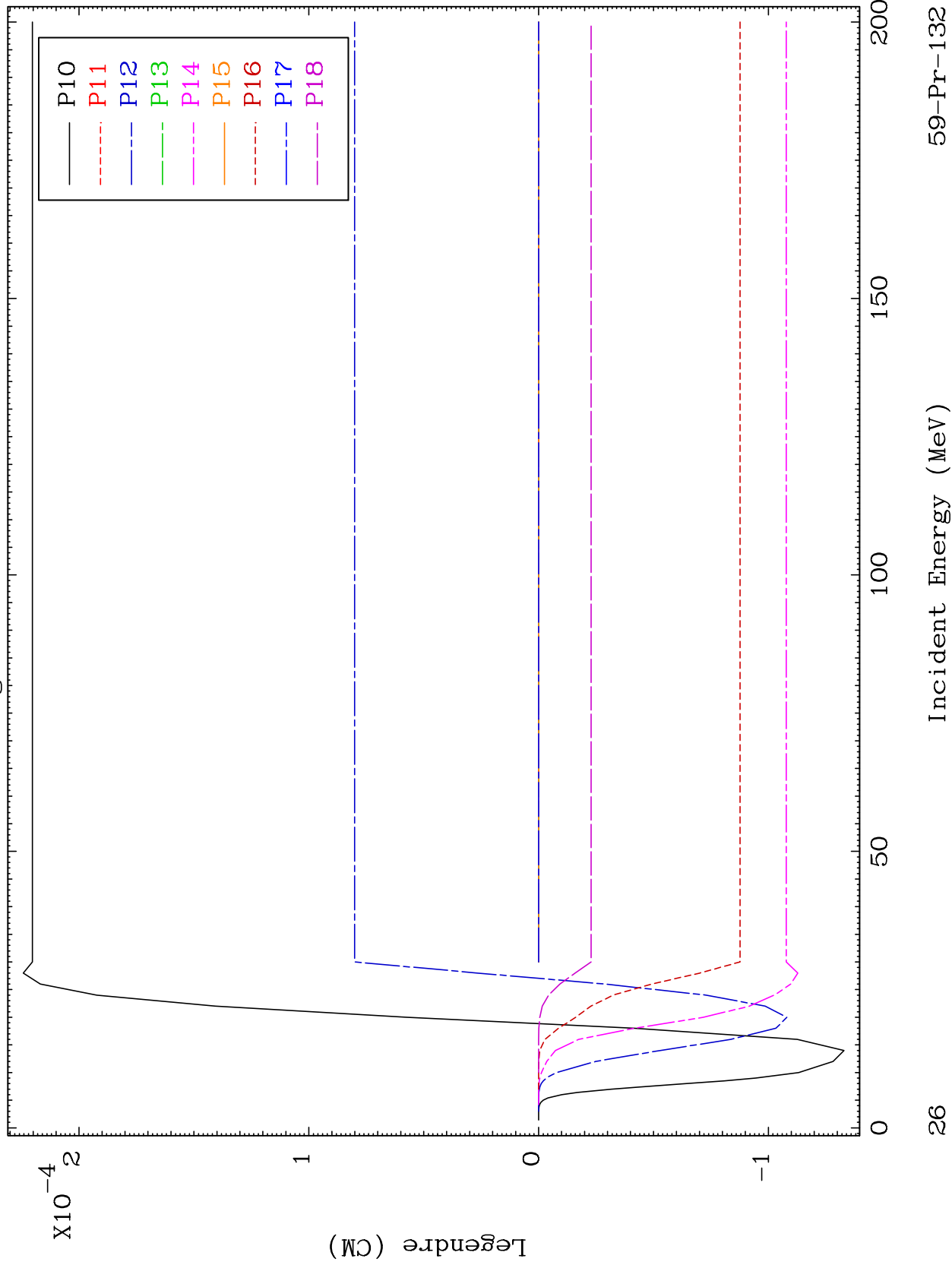


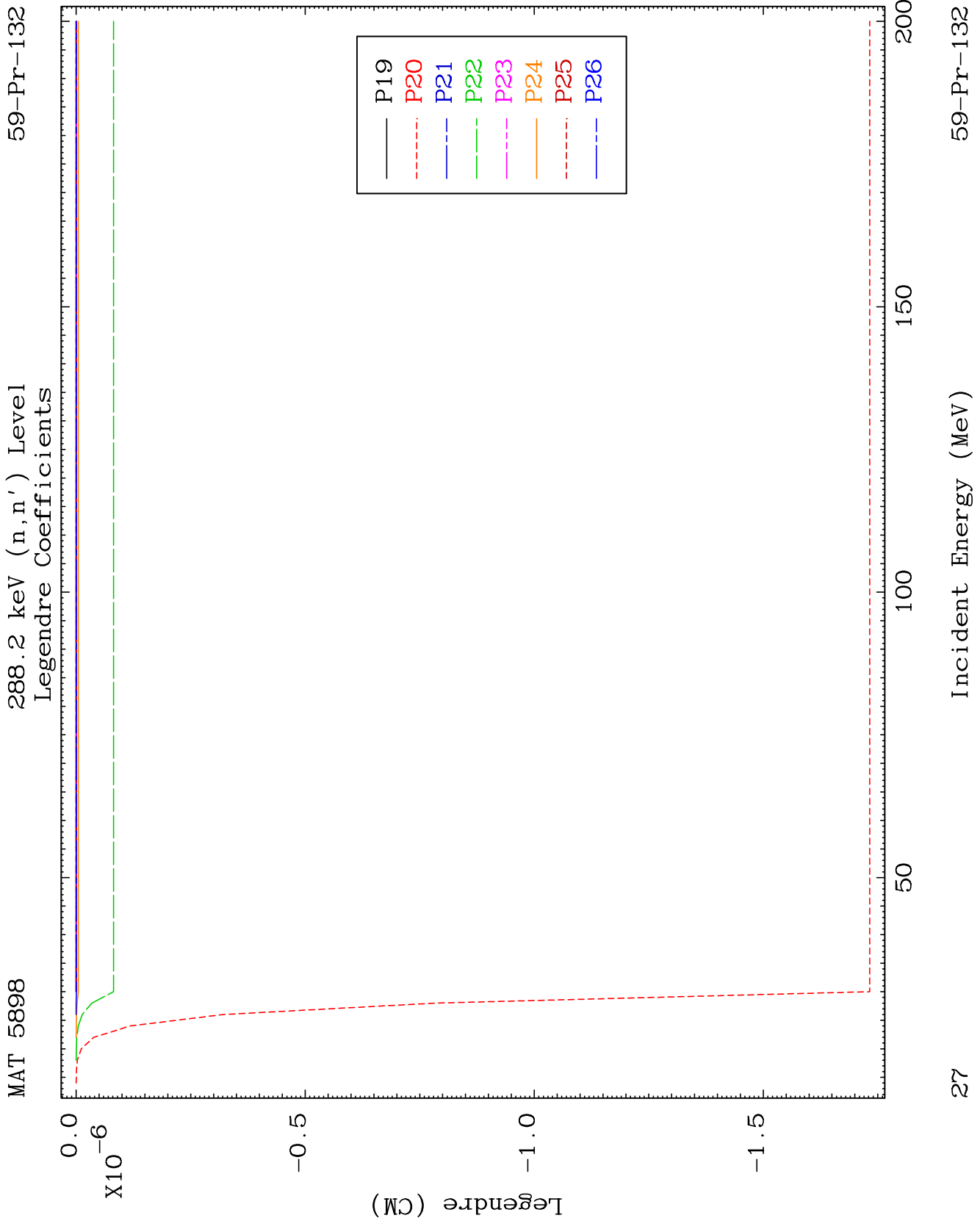


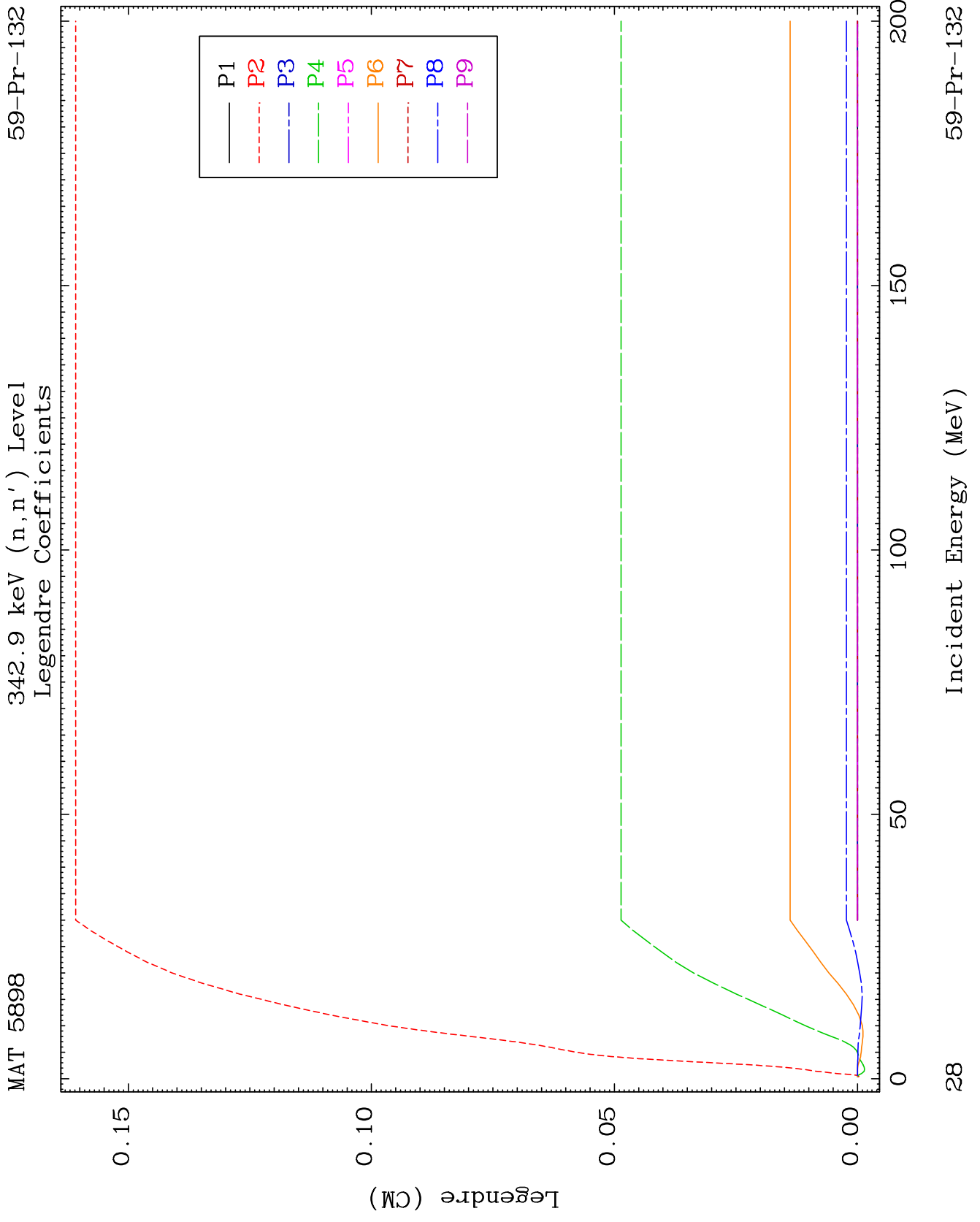
MAT 5898

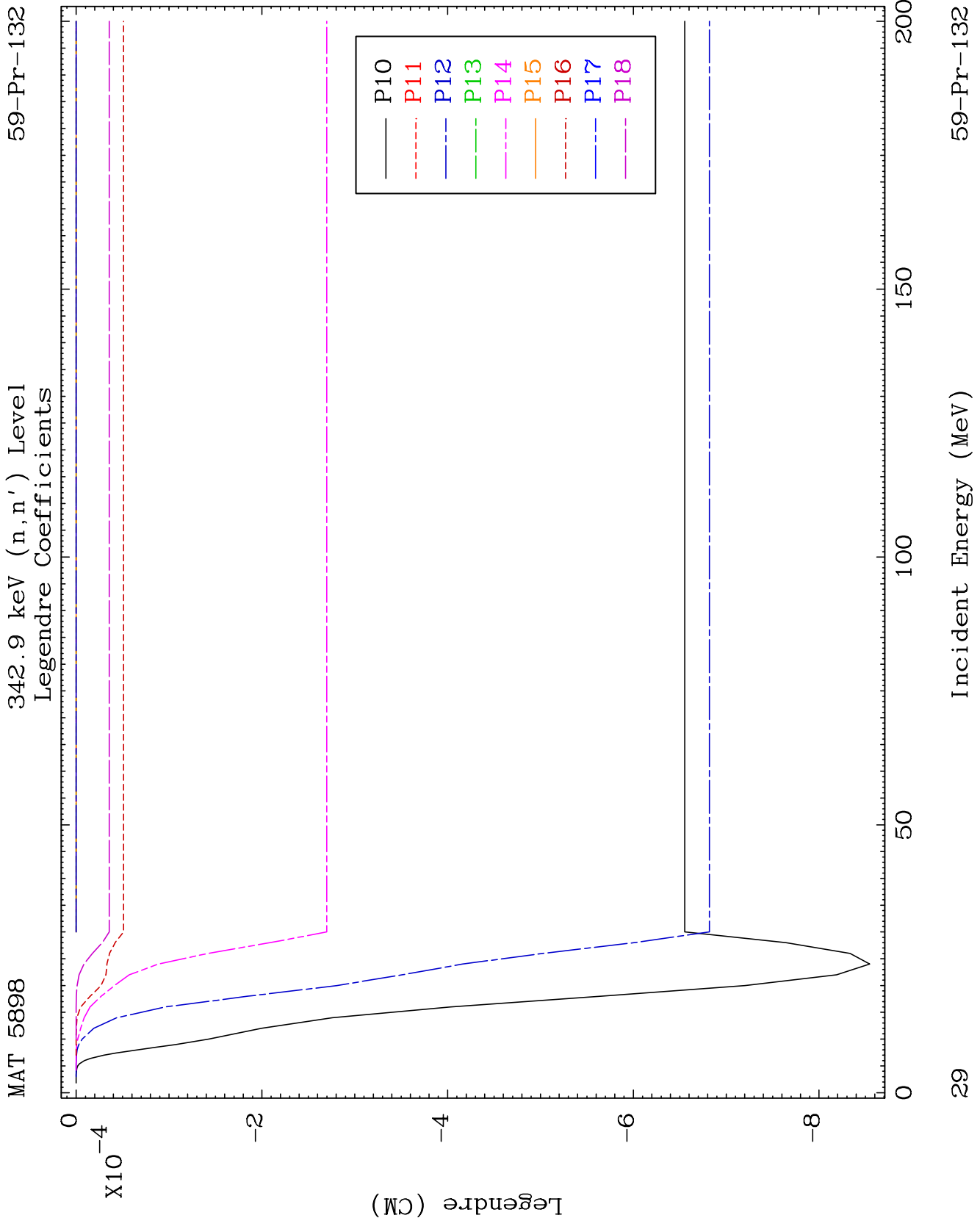
288.2 keV (n,n') Level
Legendre Coefficients

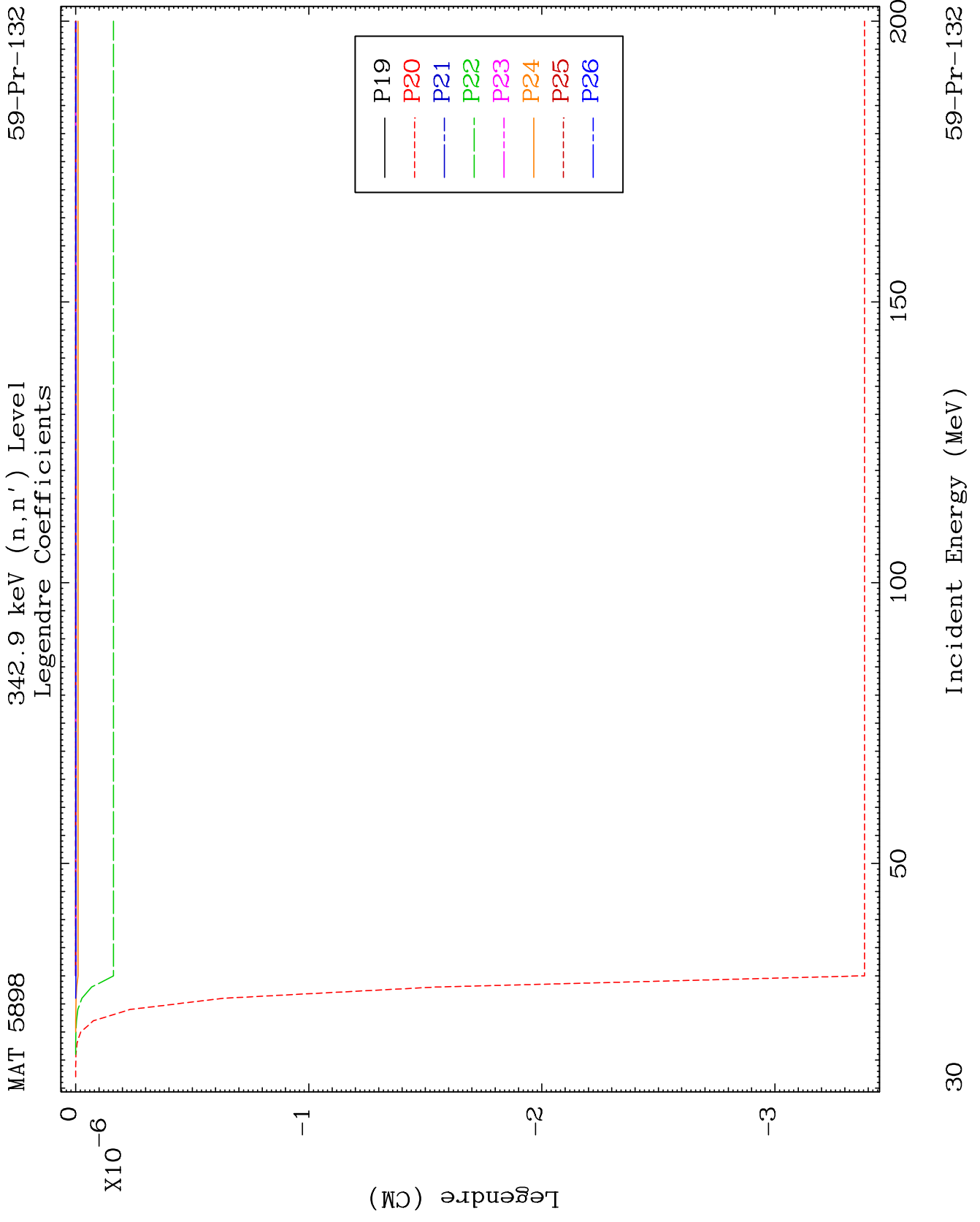
59-Pr-132

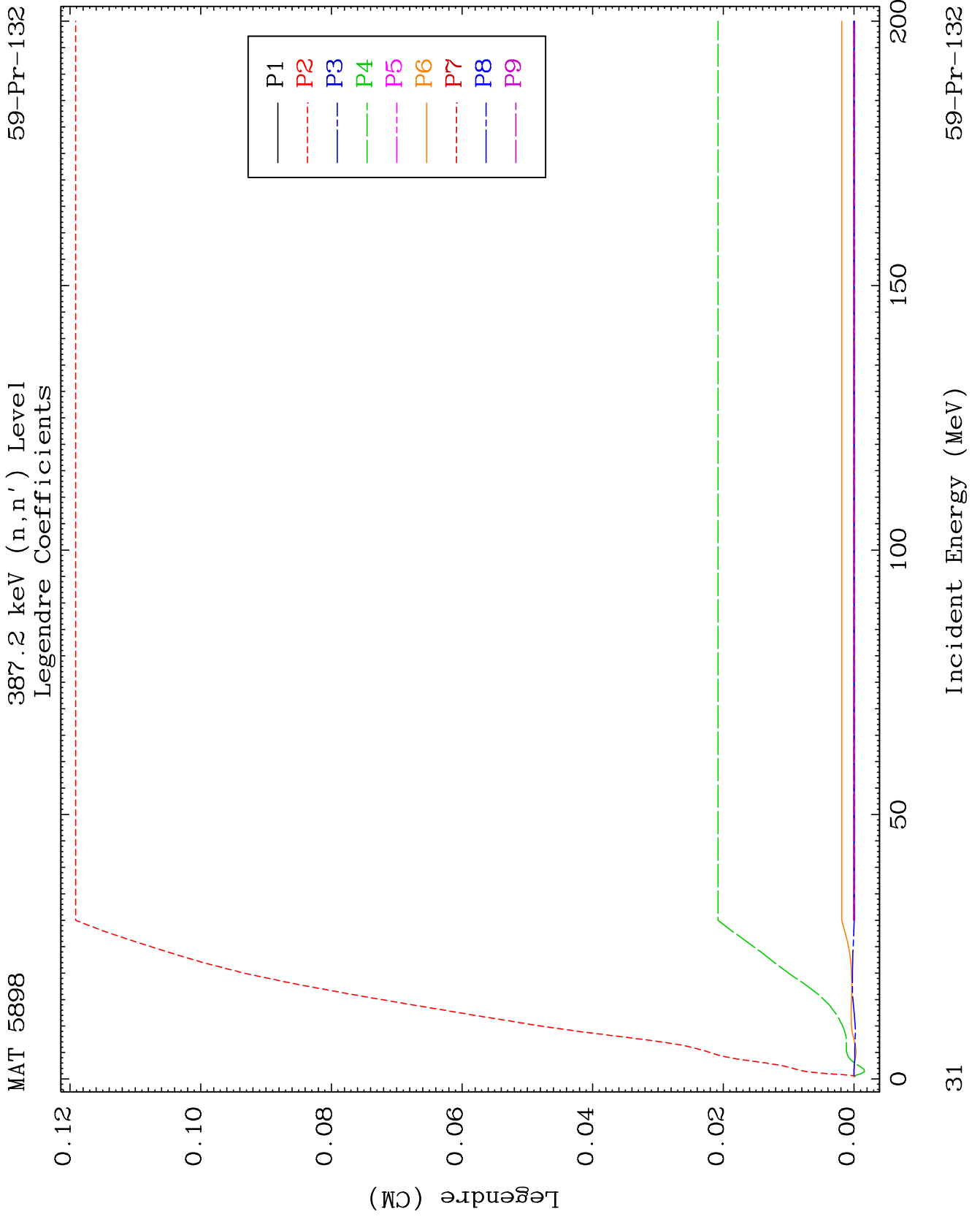








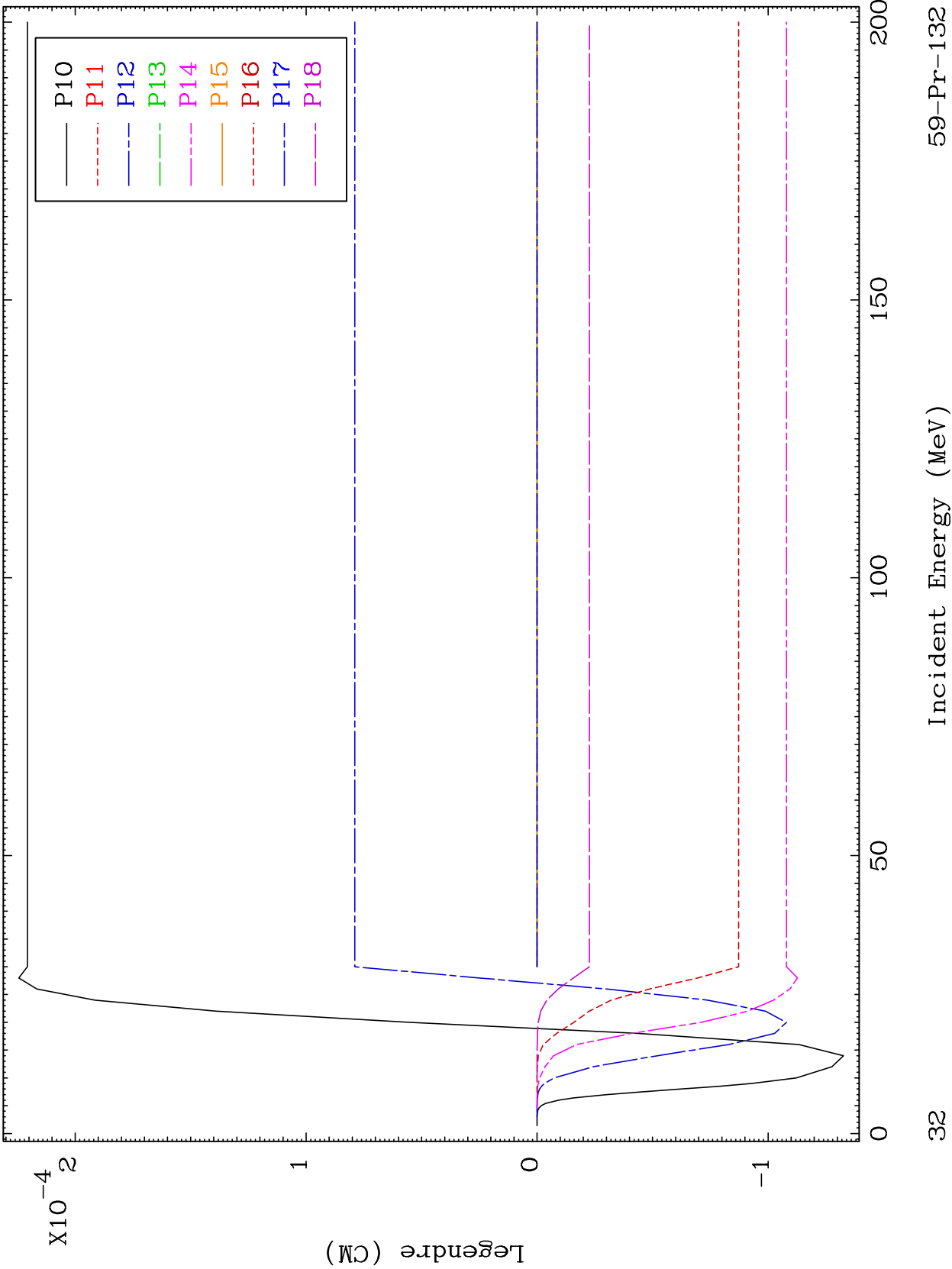




MAT 5898

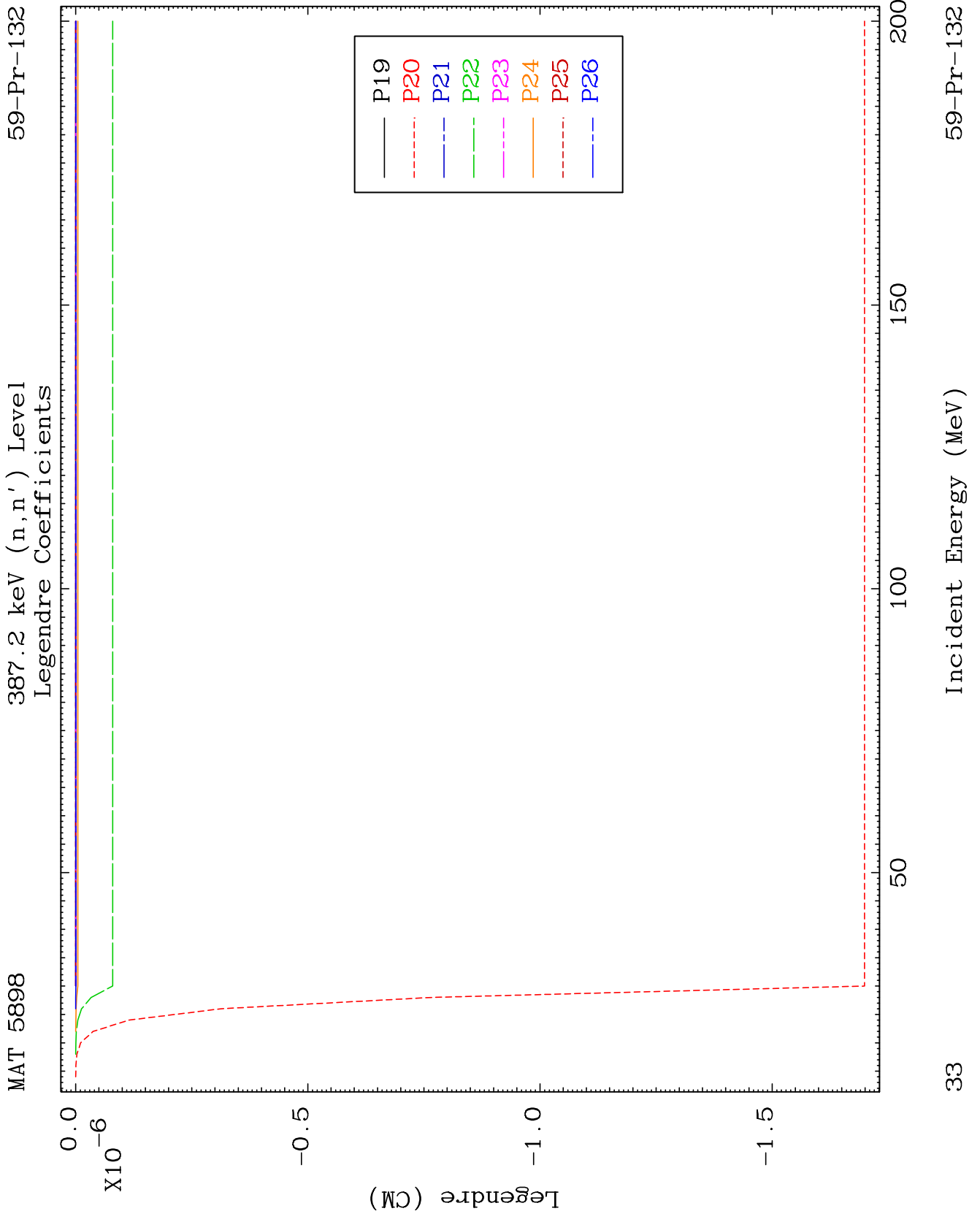
387.2 keV (n,n') Level
Legendre Coefficients

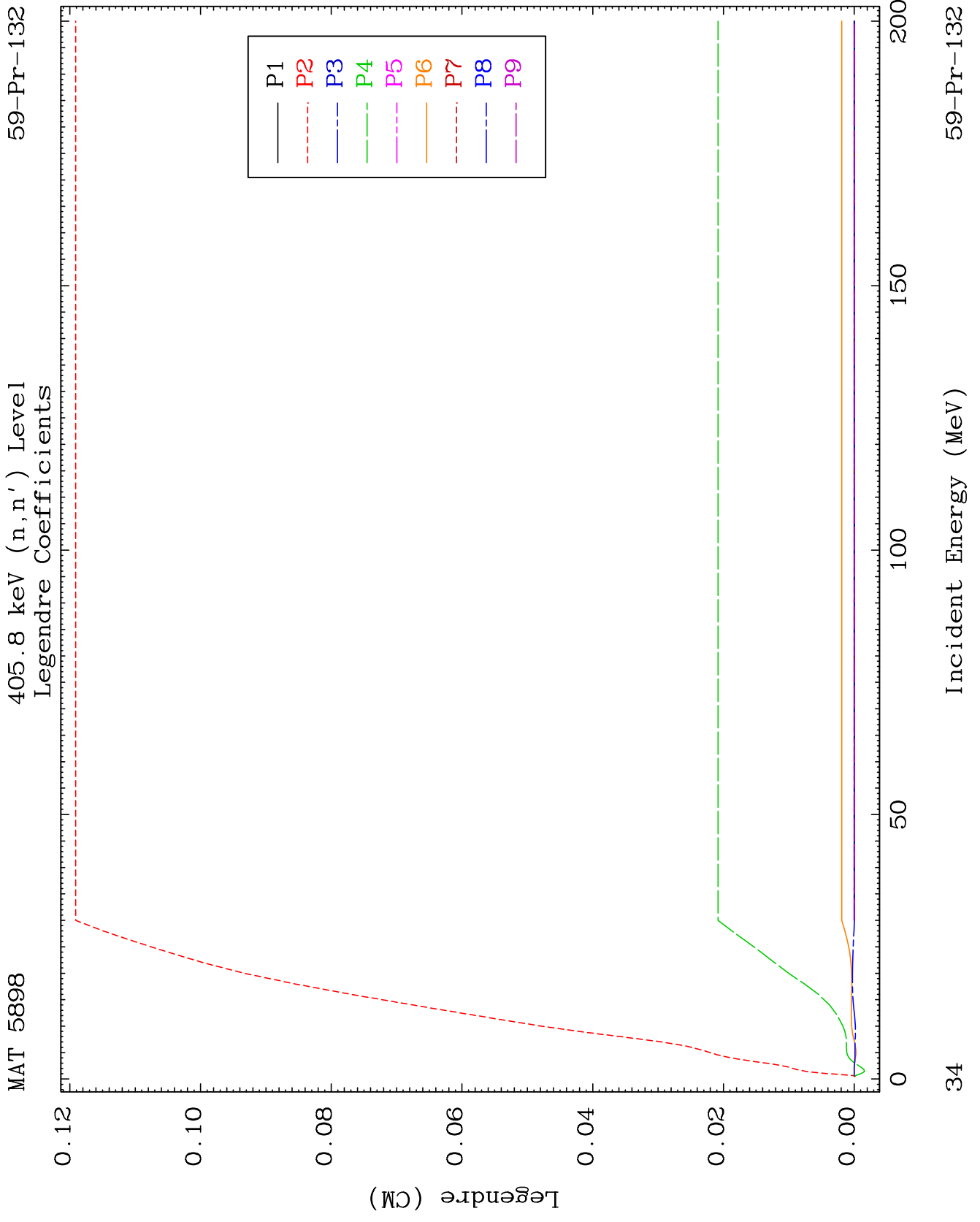
59-Pr-132



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59-Pr-132

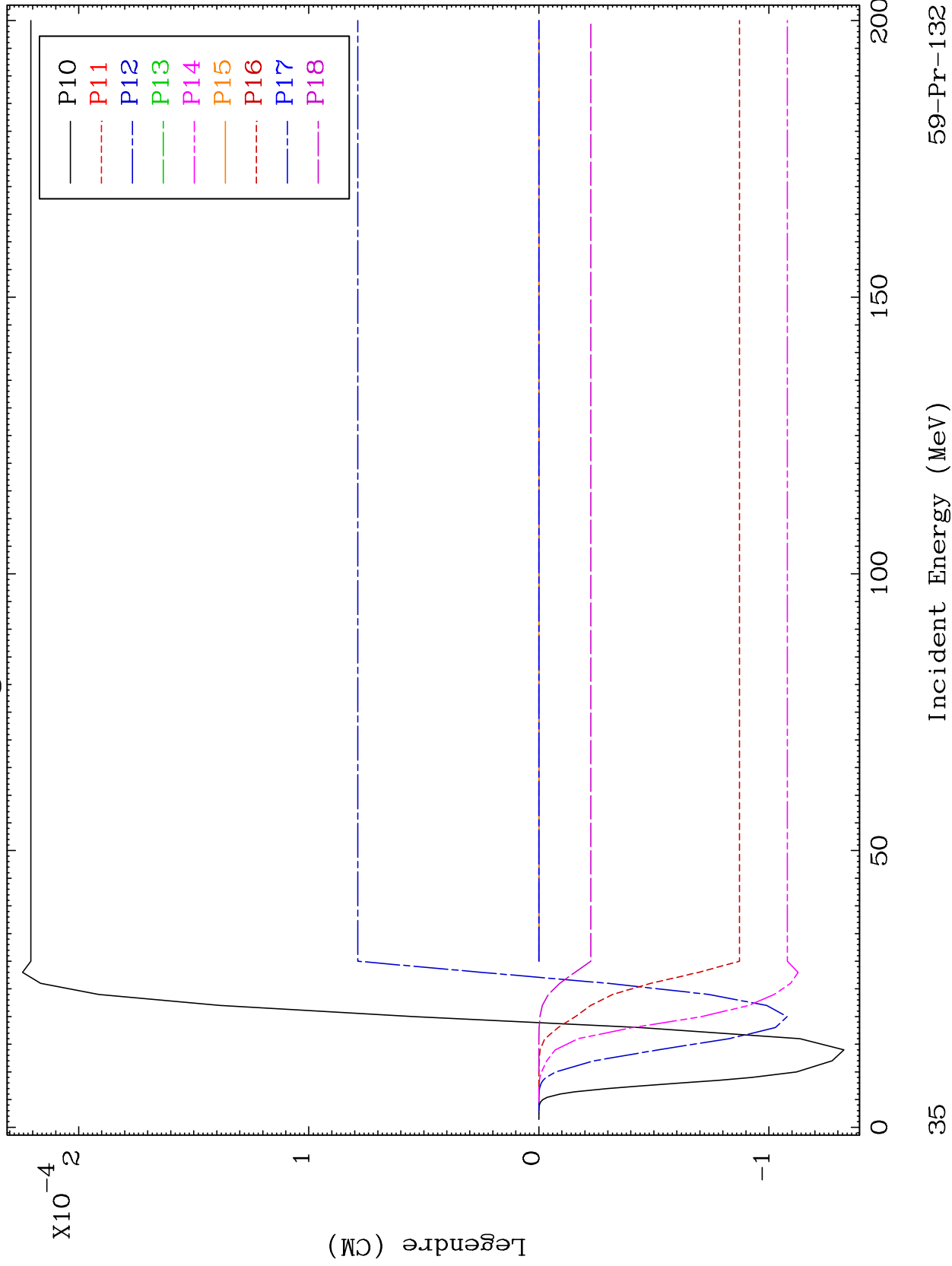




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405.8 keV (n,n') Level
Legendre Coefficients

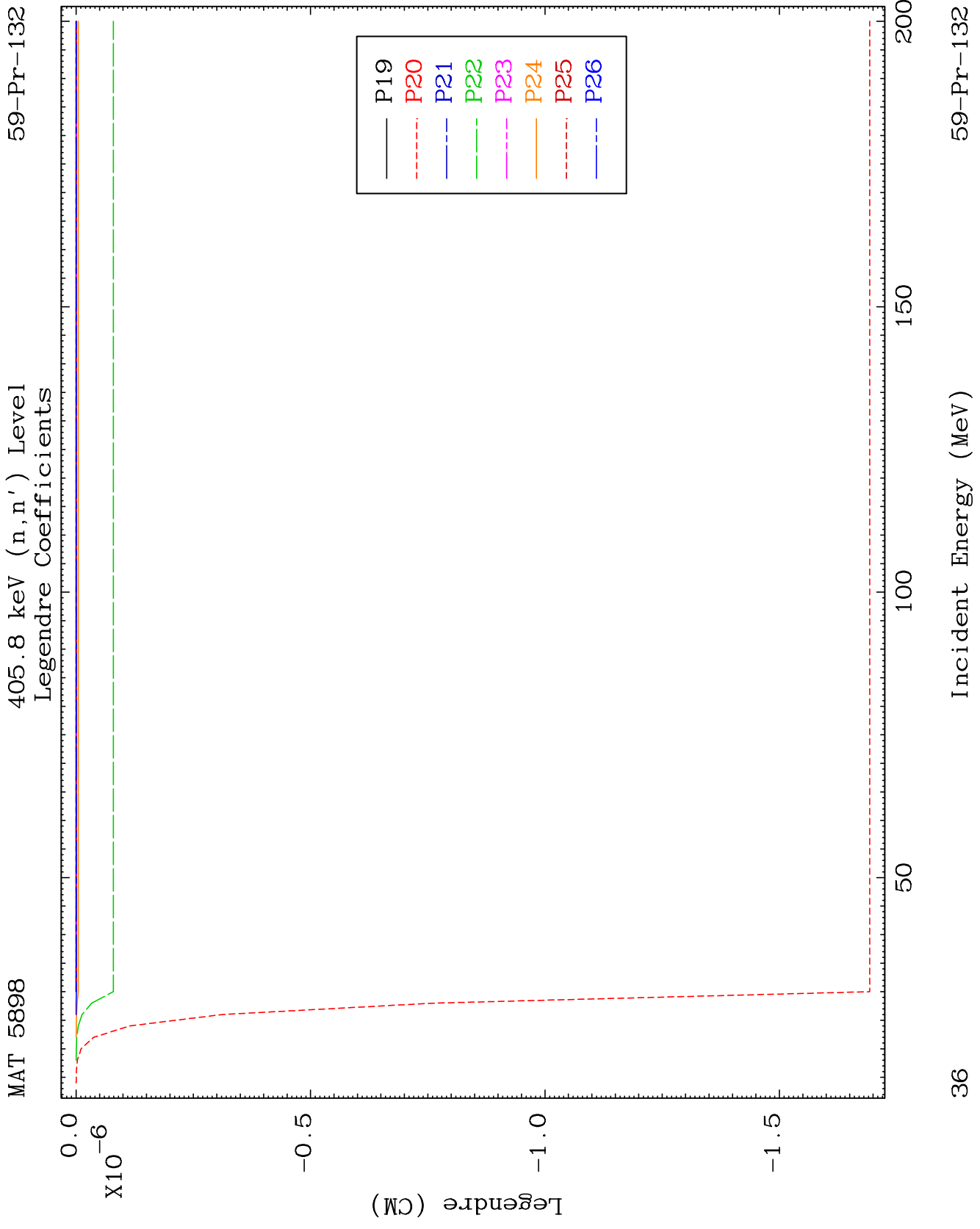
59-Pr-132

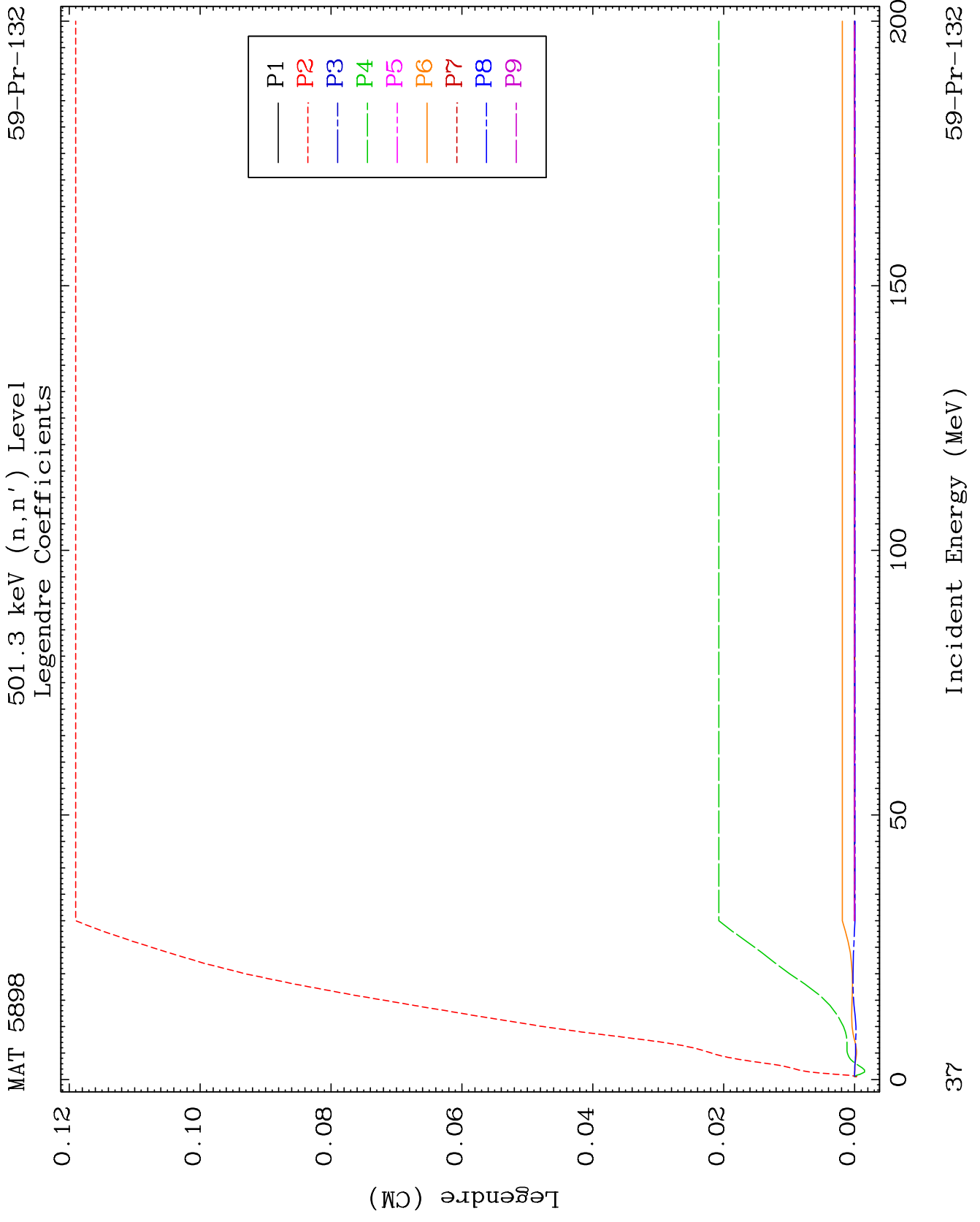


59-Pr-132

Incident Energy (MeV)

35

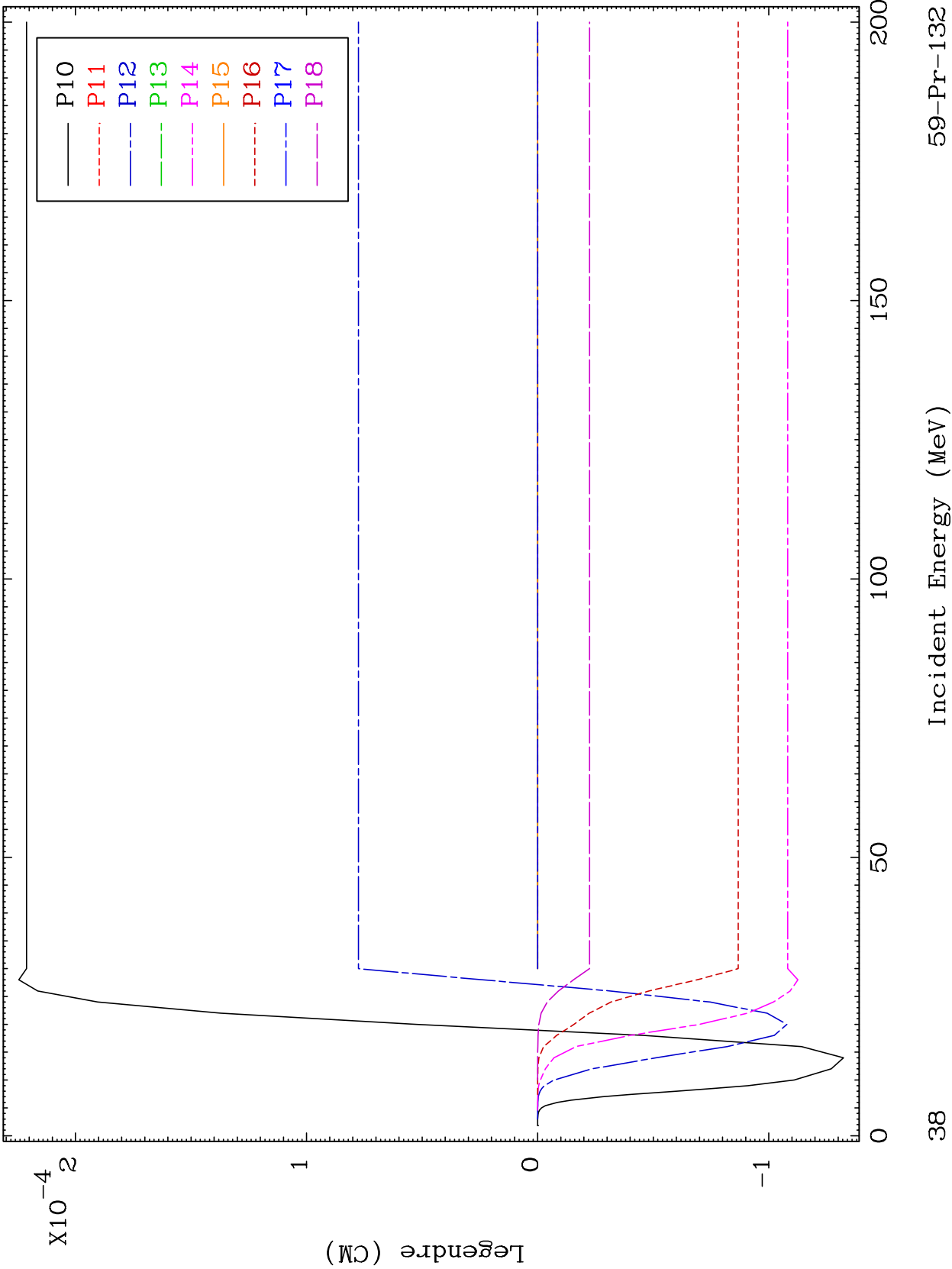




MAT 5898

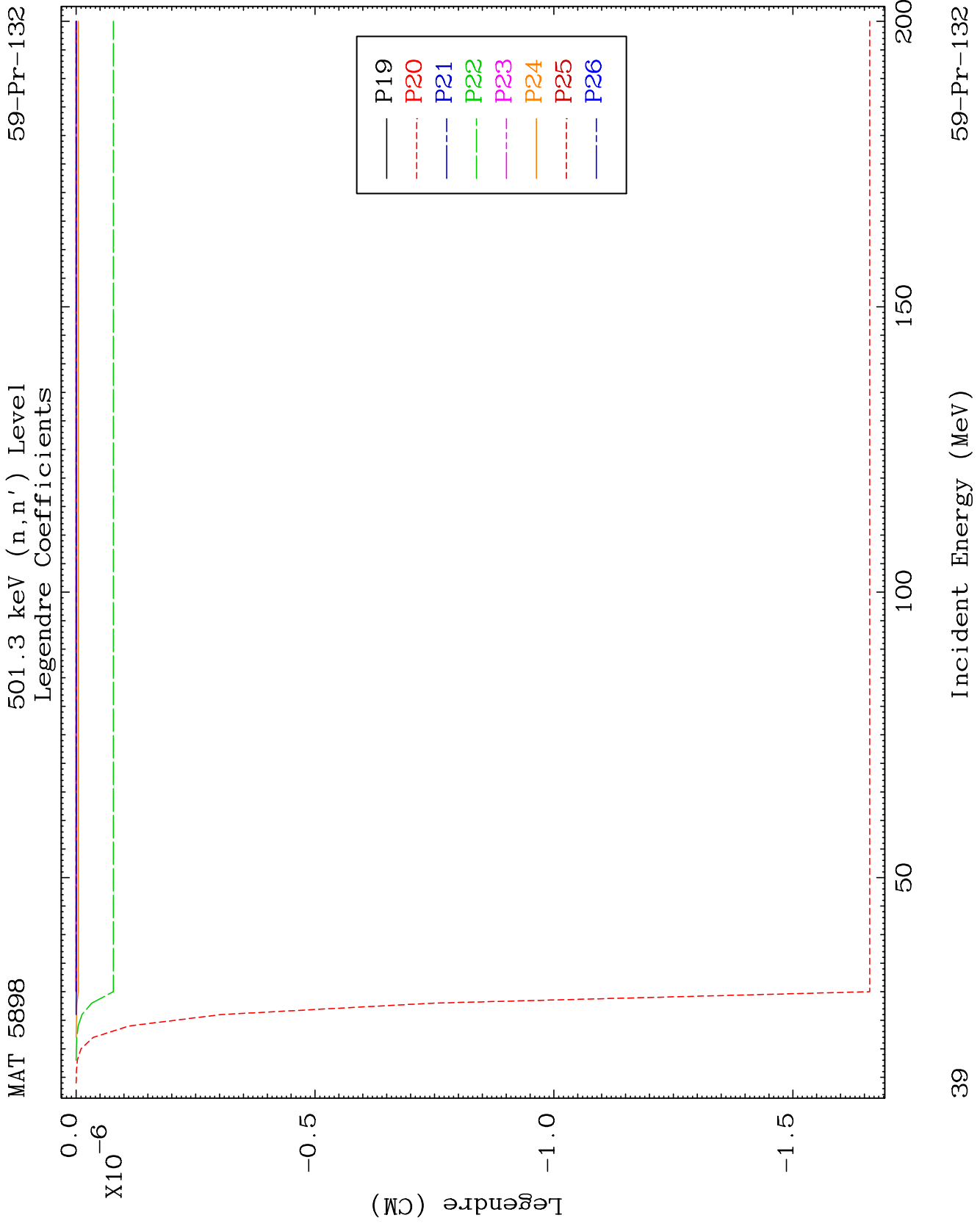
501.3 keV (n,n') Level
Legendre Coefficients

59-Pr-132



38

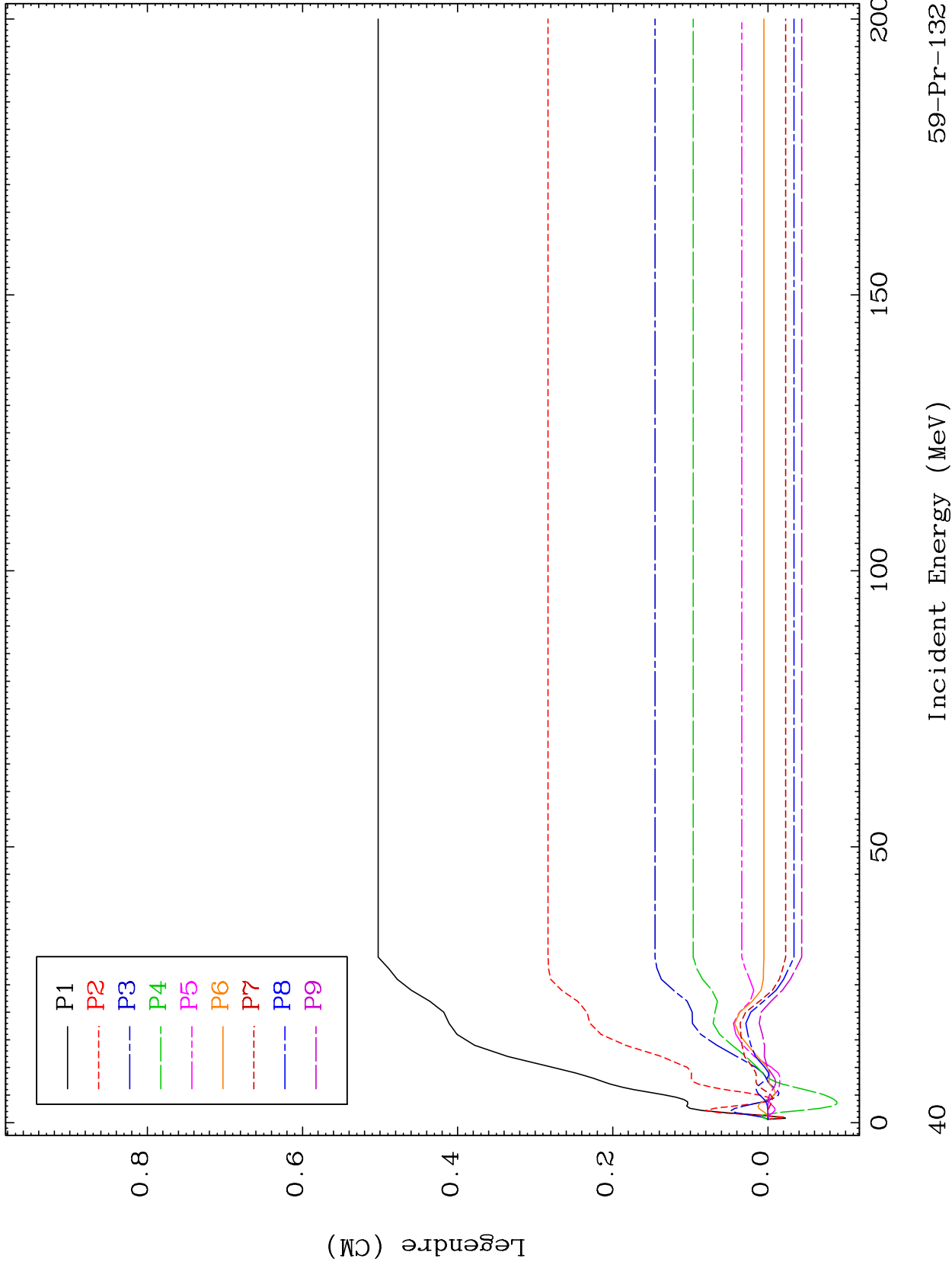
59-Pr-132



MAT 5898

526.1 keV (n,n') Level
Legendre Coefficients

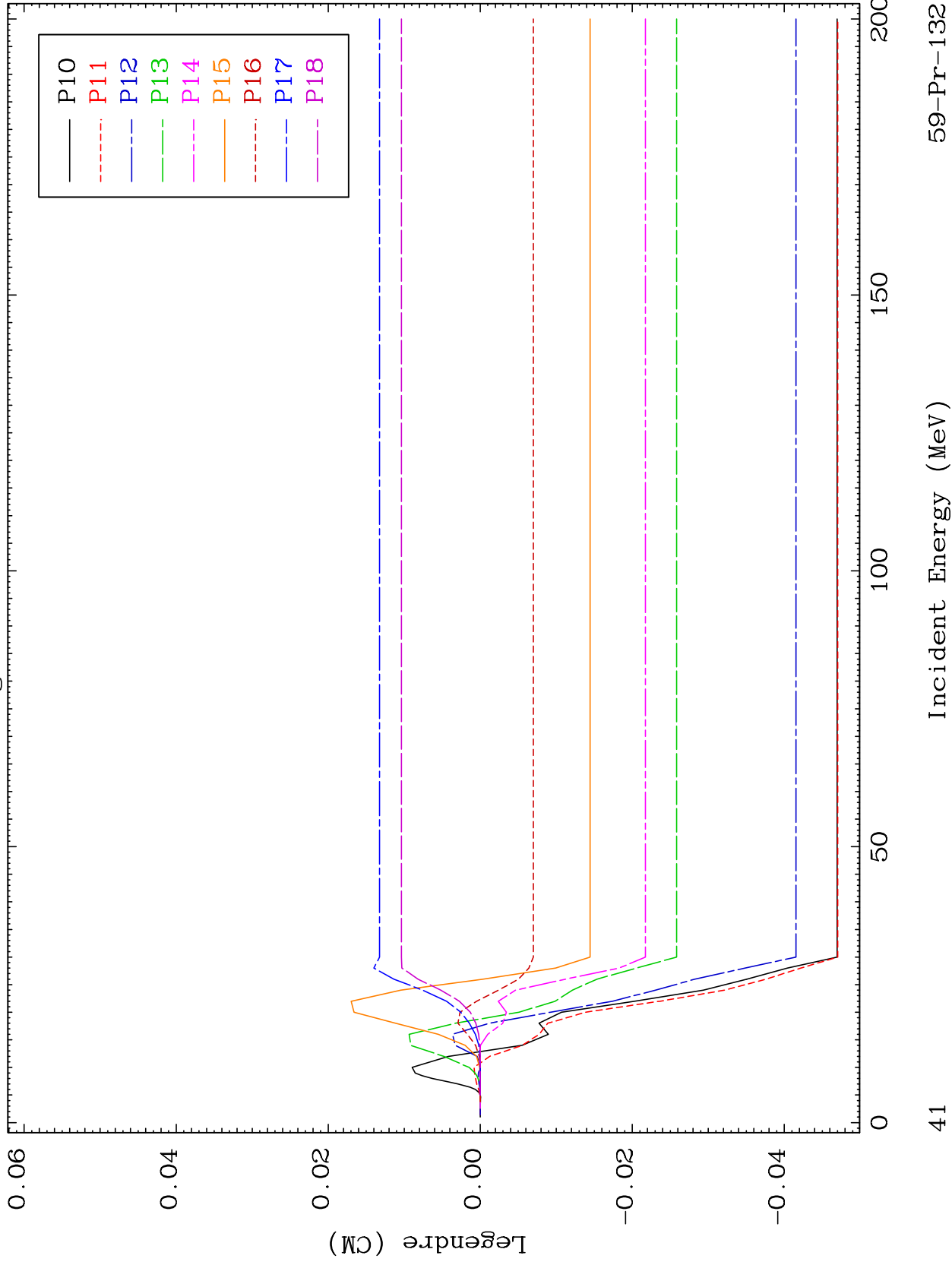
59-Pr-132

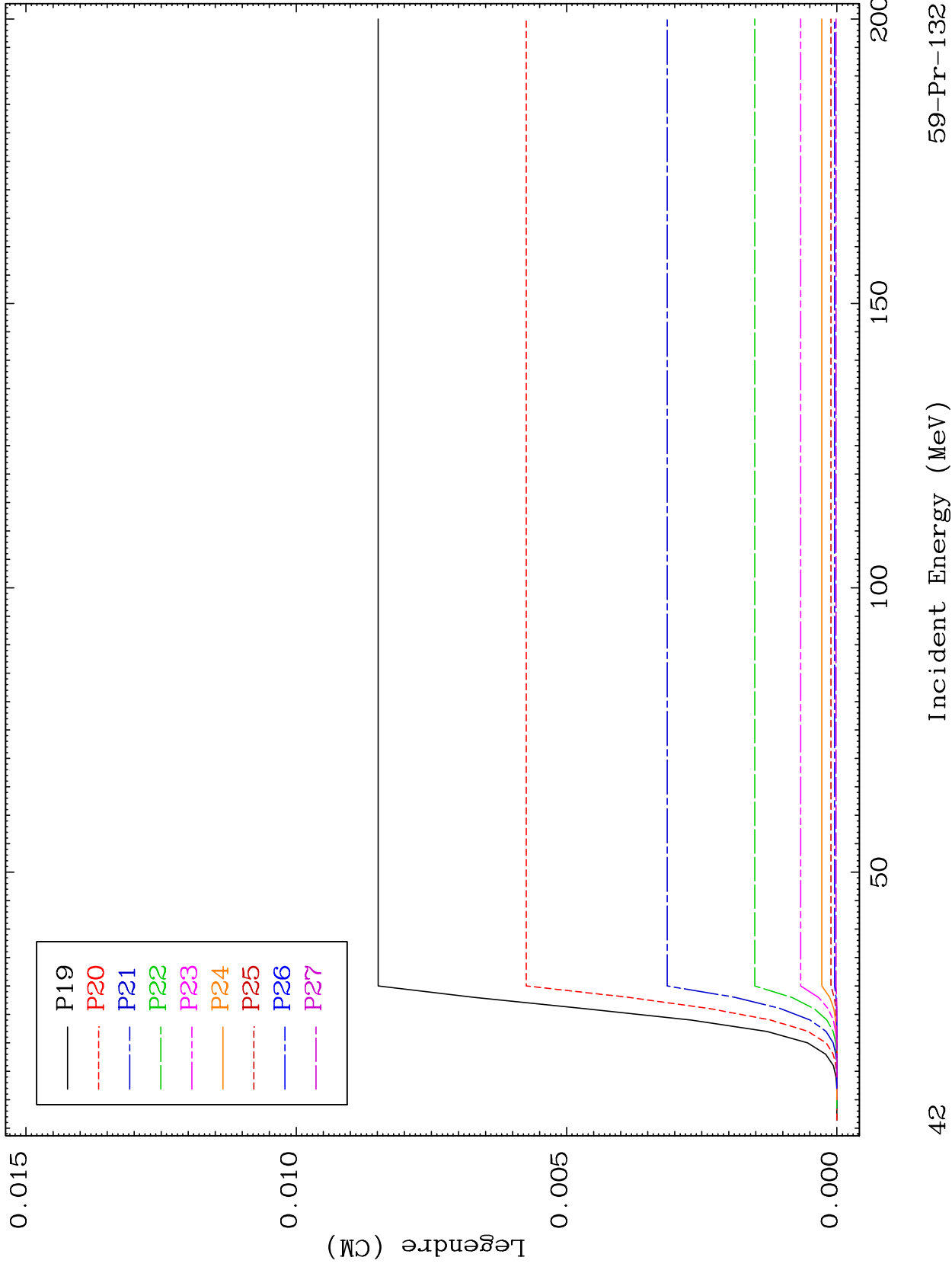


59-Pr-132

Incident Energy (MeV)

40

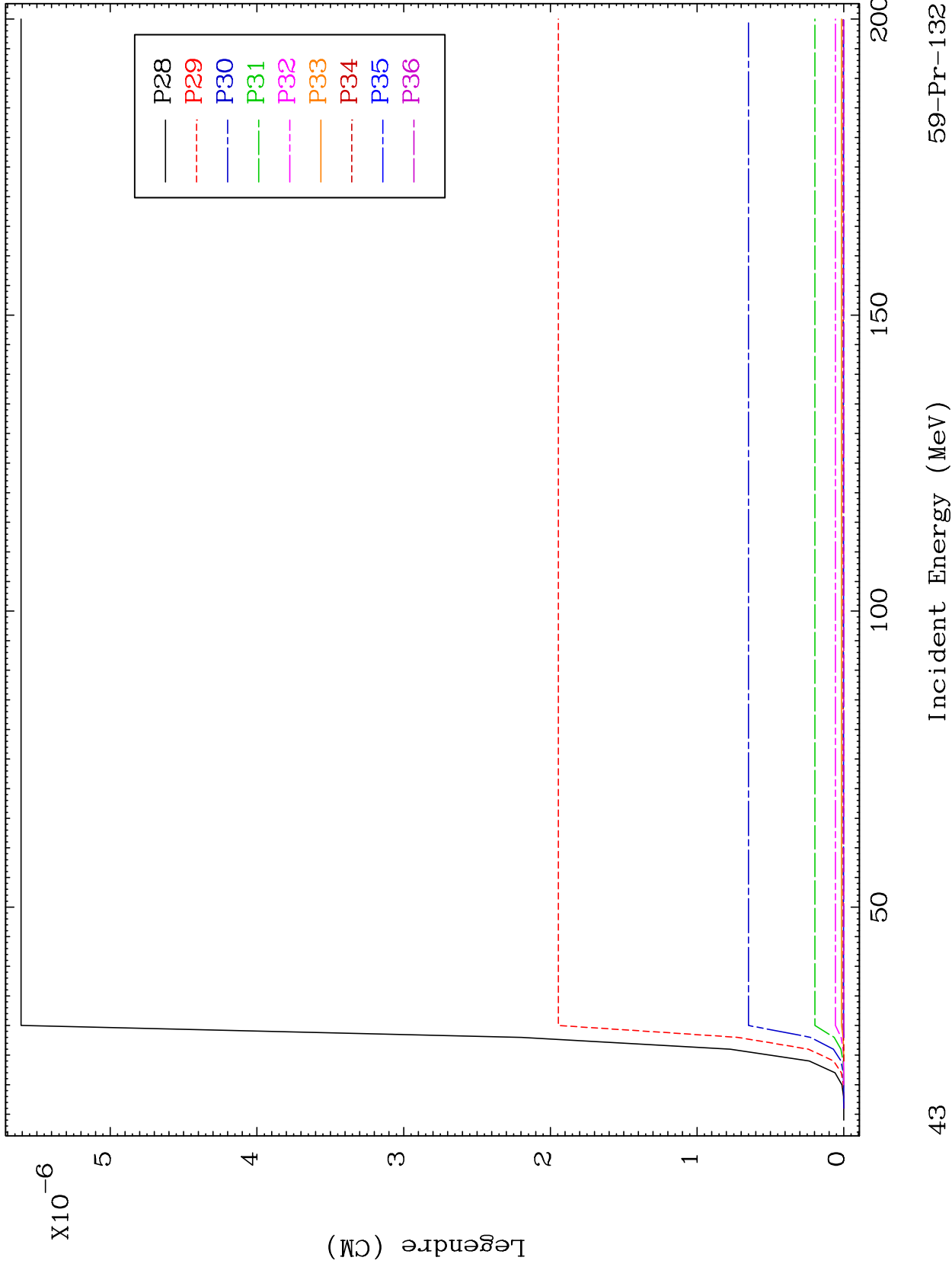




MAT 5898

526.1 keV (n,n') Level
Legendre Coefficients

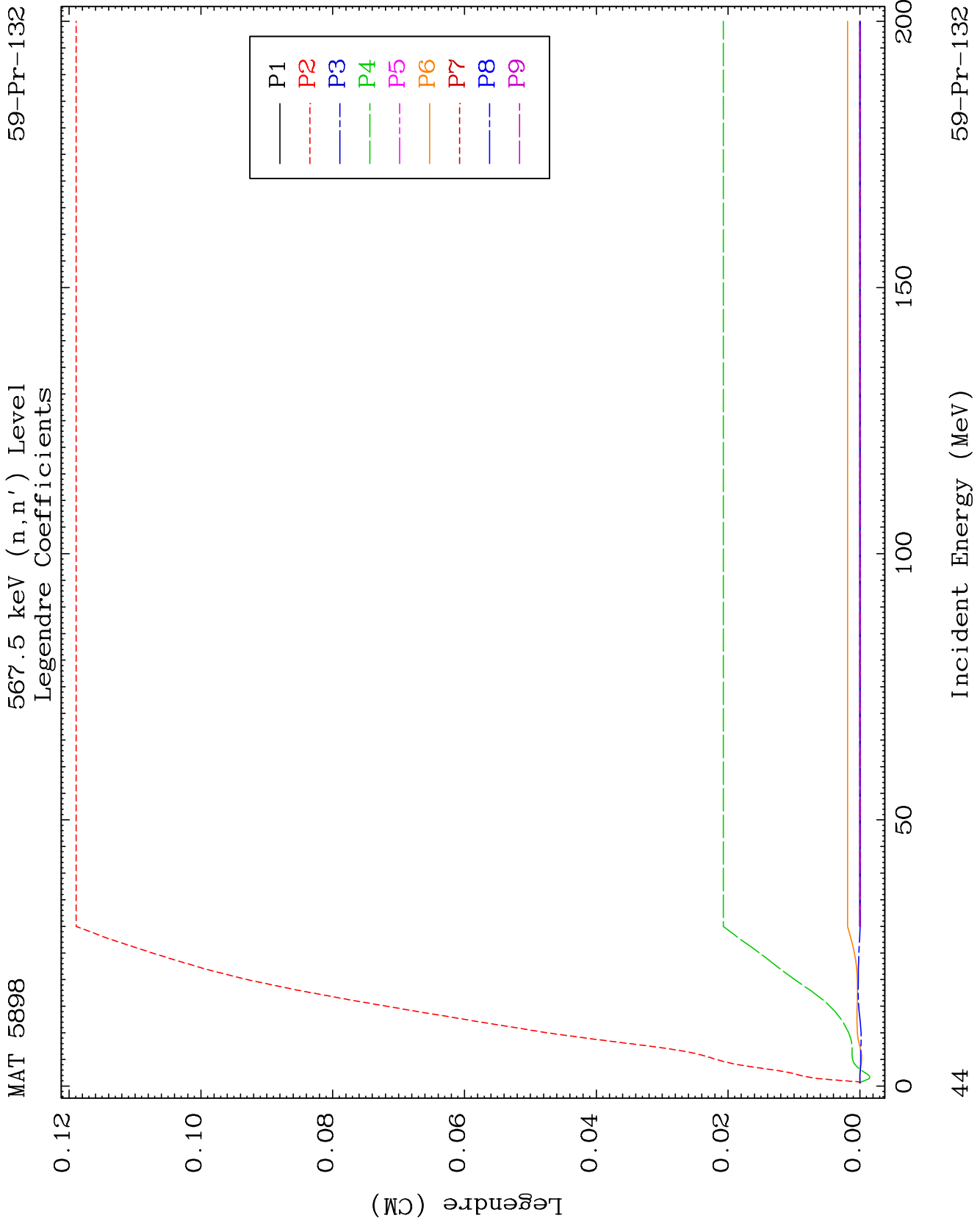
59-Pr-132



43

Incident Energy (MeV)

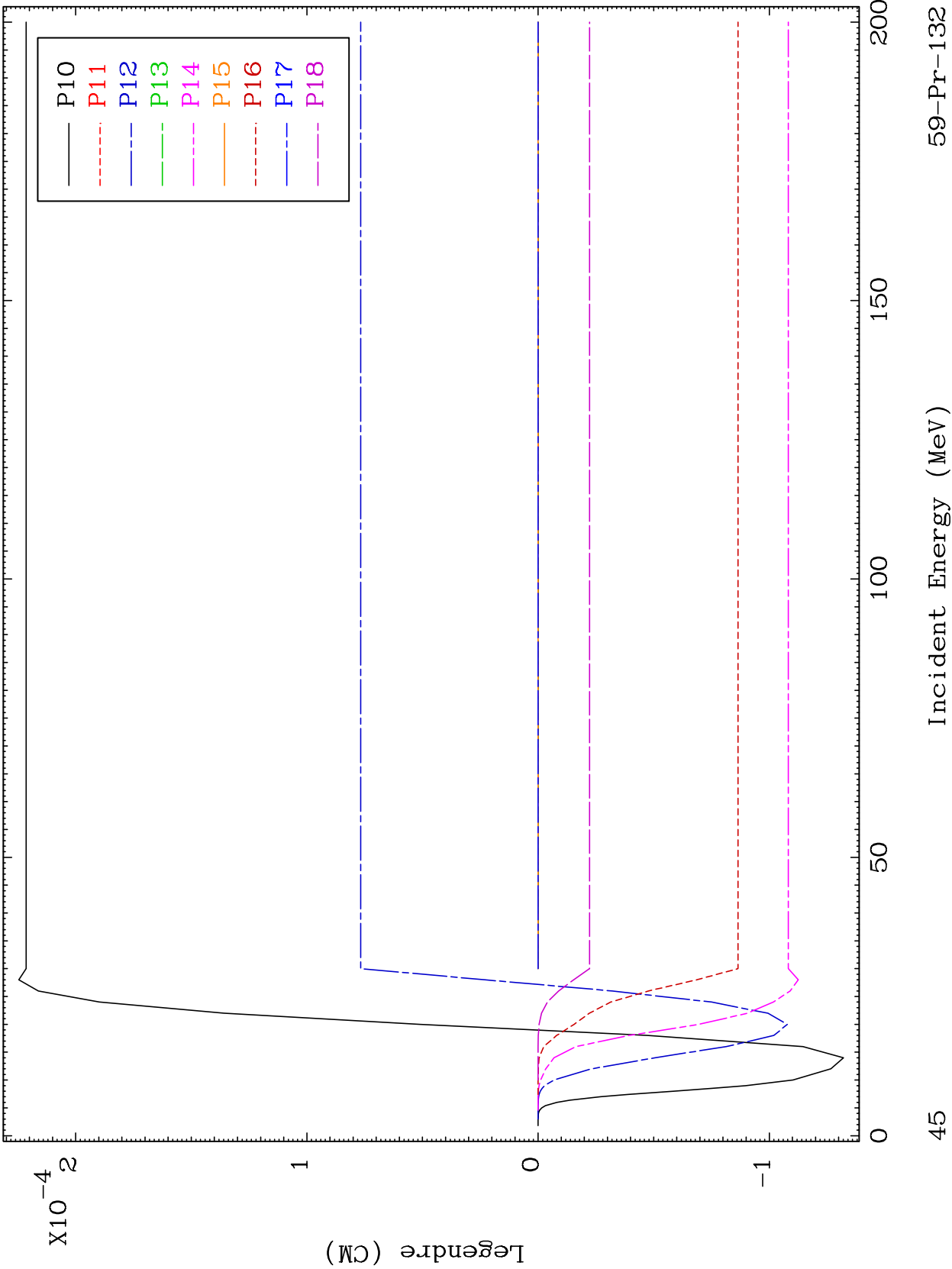
59-Pr-132



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567.5 keV (n,n') Level
Legendre Coefficients

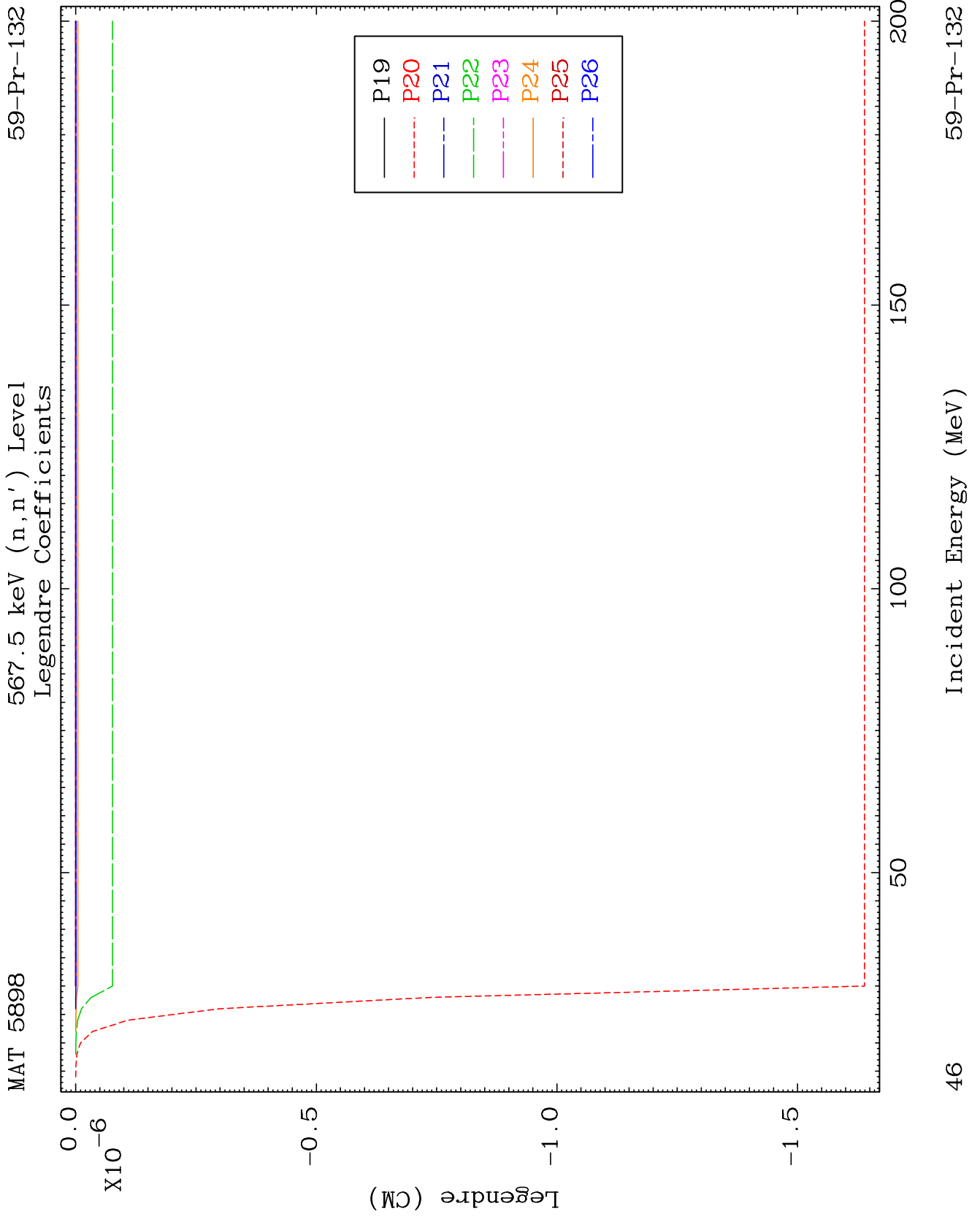
59-Pr-132



59-Pr-132

Incident Energy (MeV)

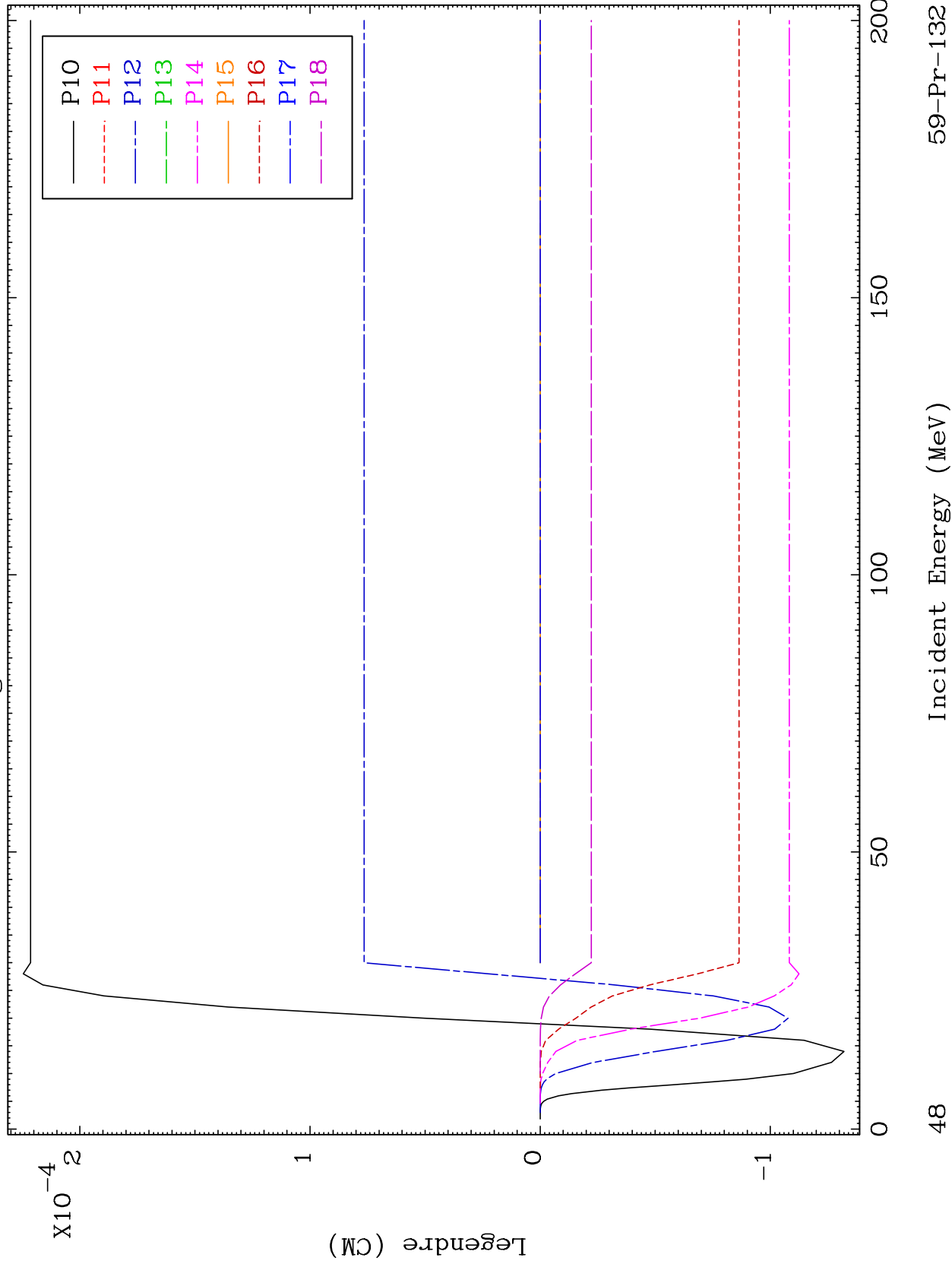
45



MAT 5898

587.4 keV (n,n') Level
Legendre Coefficients

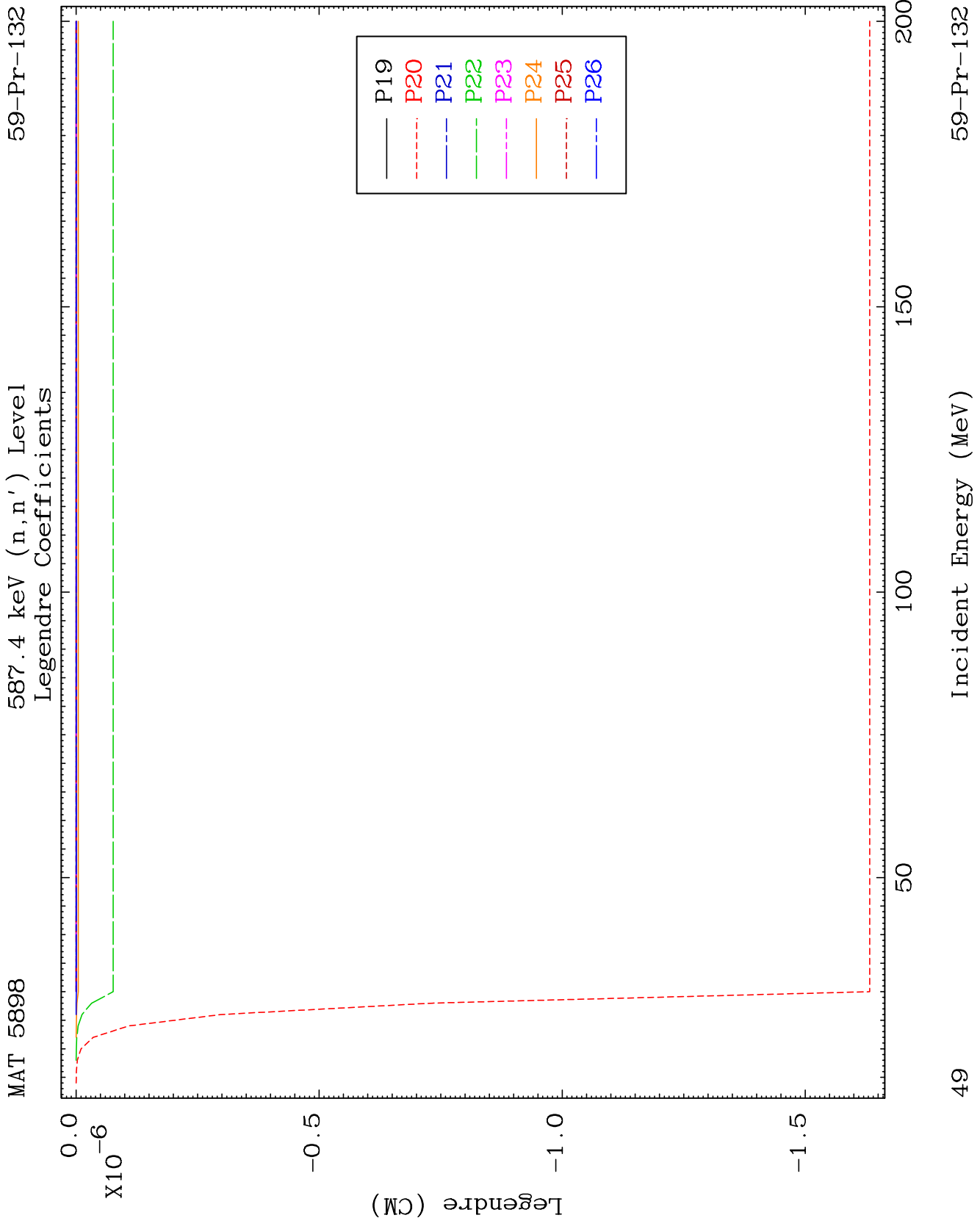
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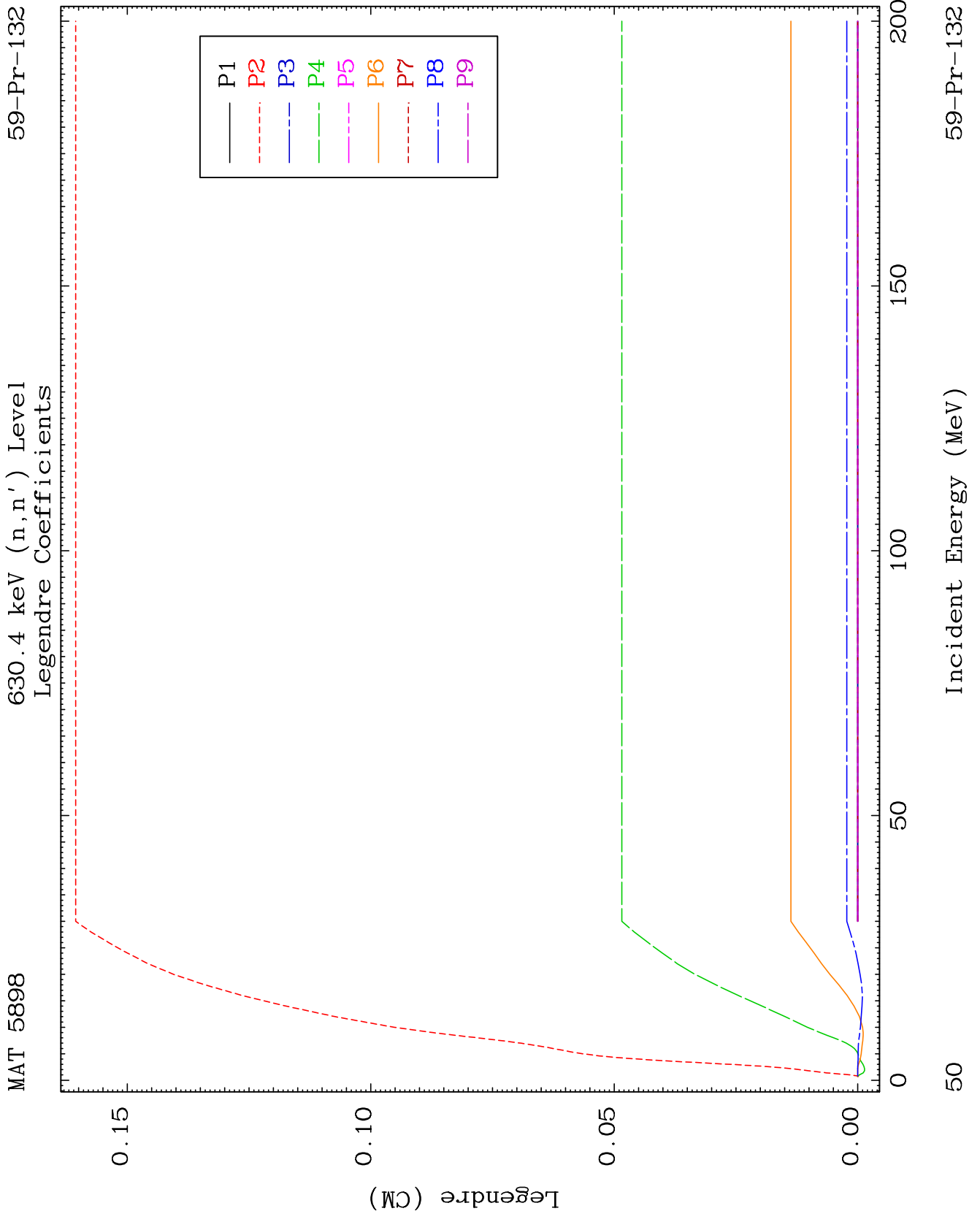


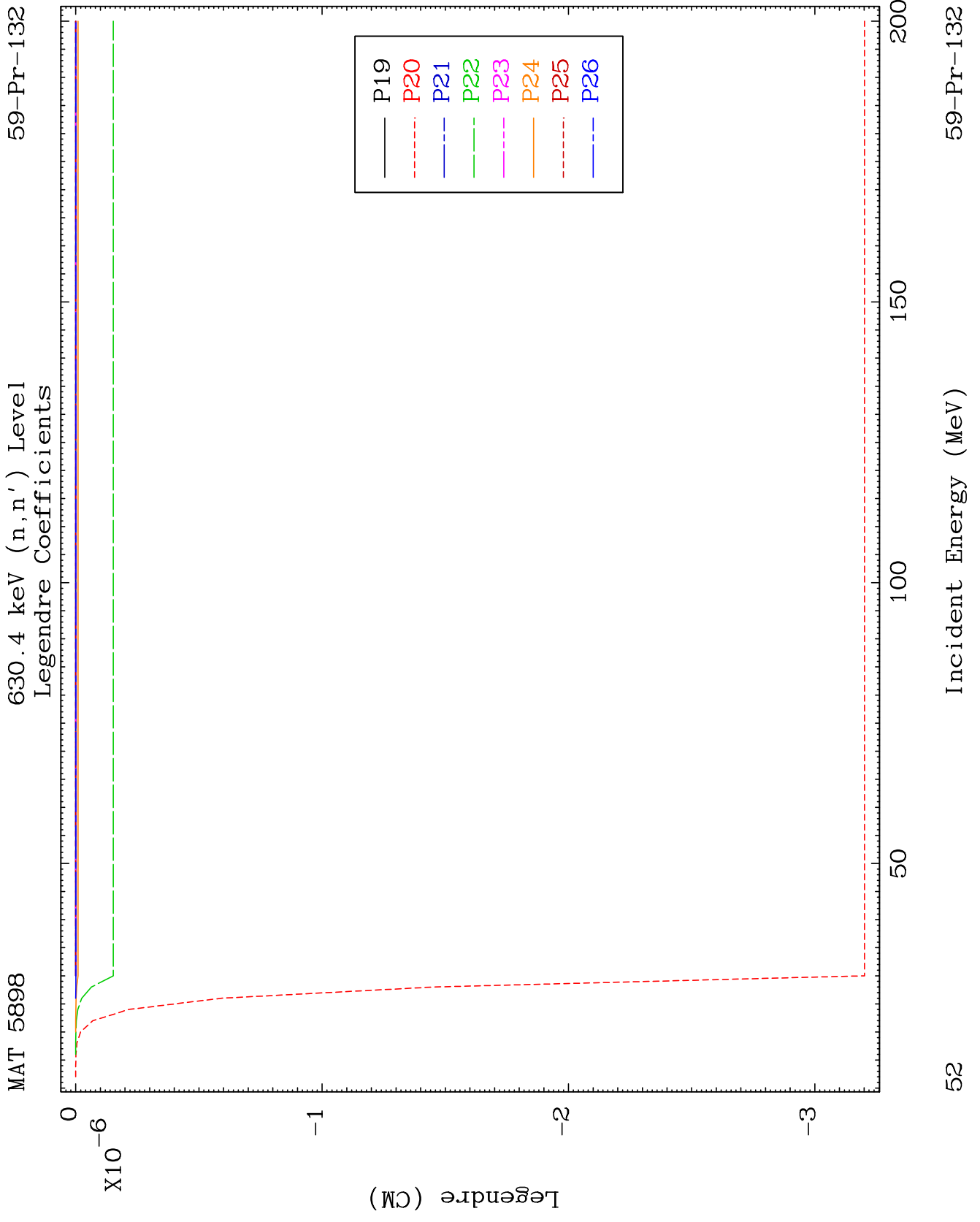
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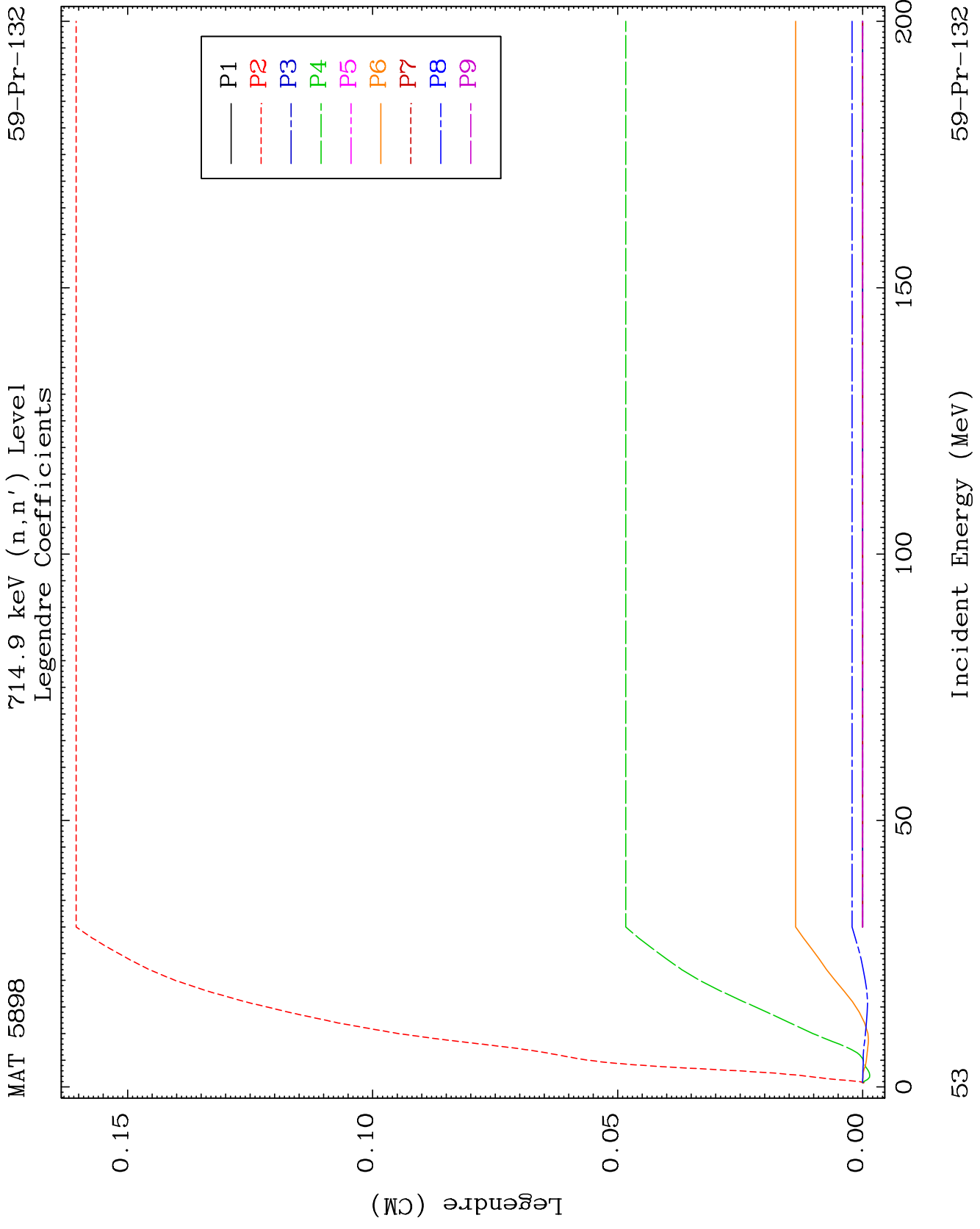
Incident Energy (MeV)

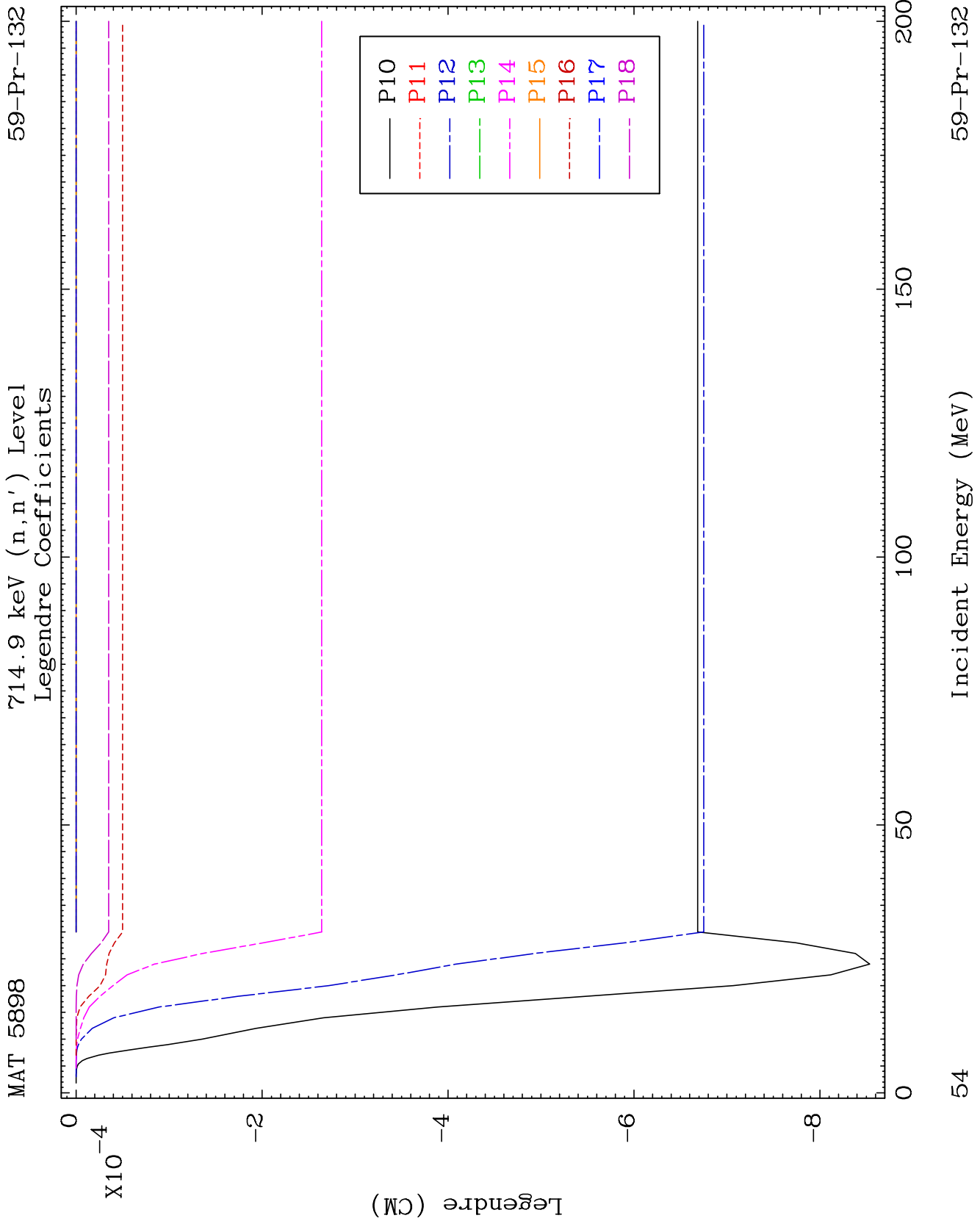
59-Pr-132

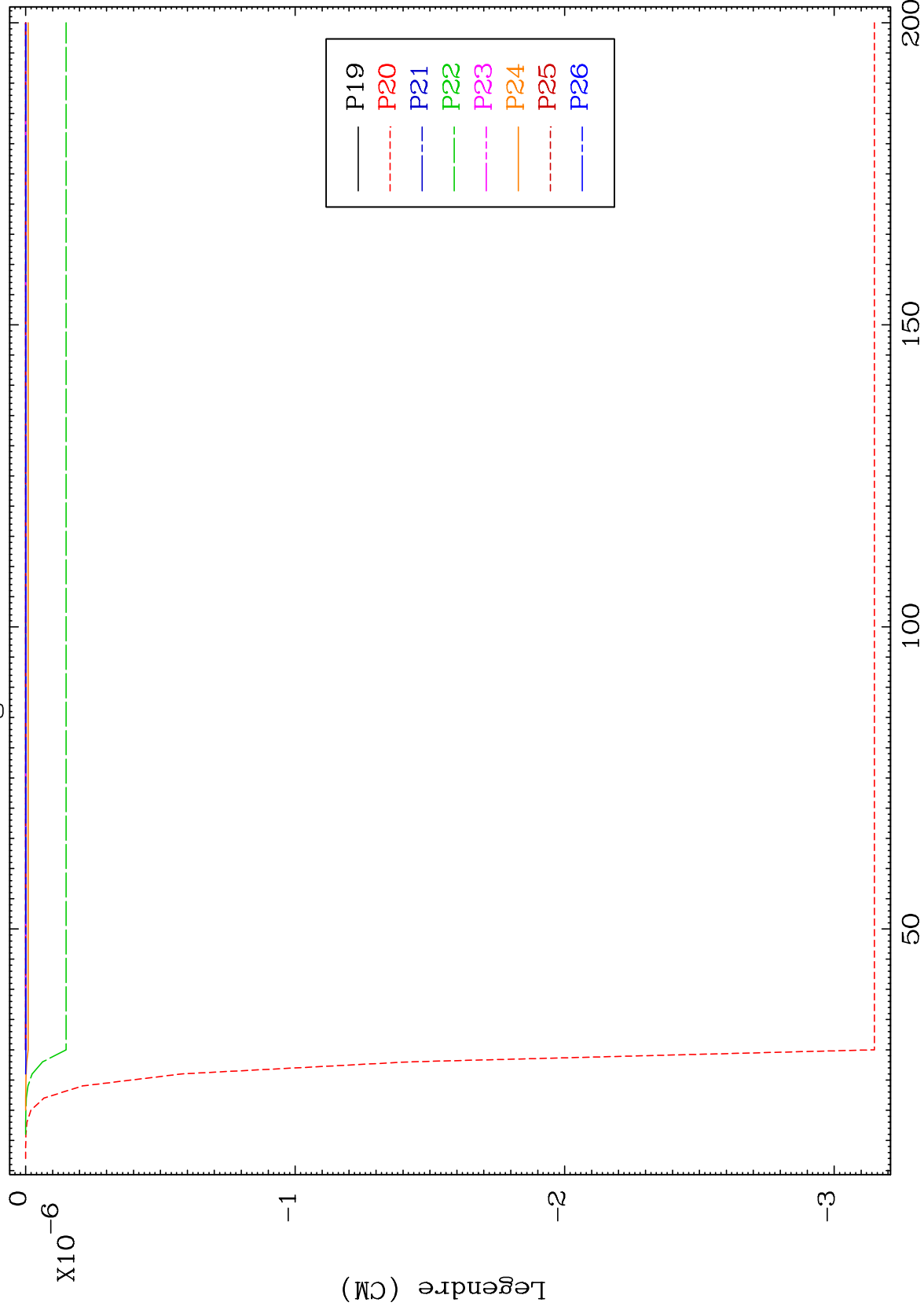


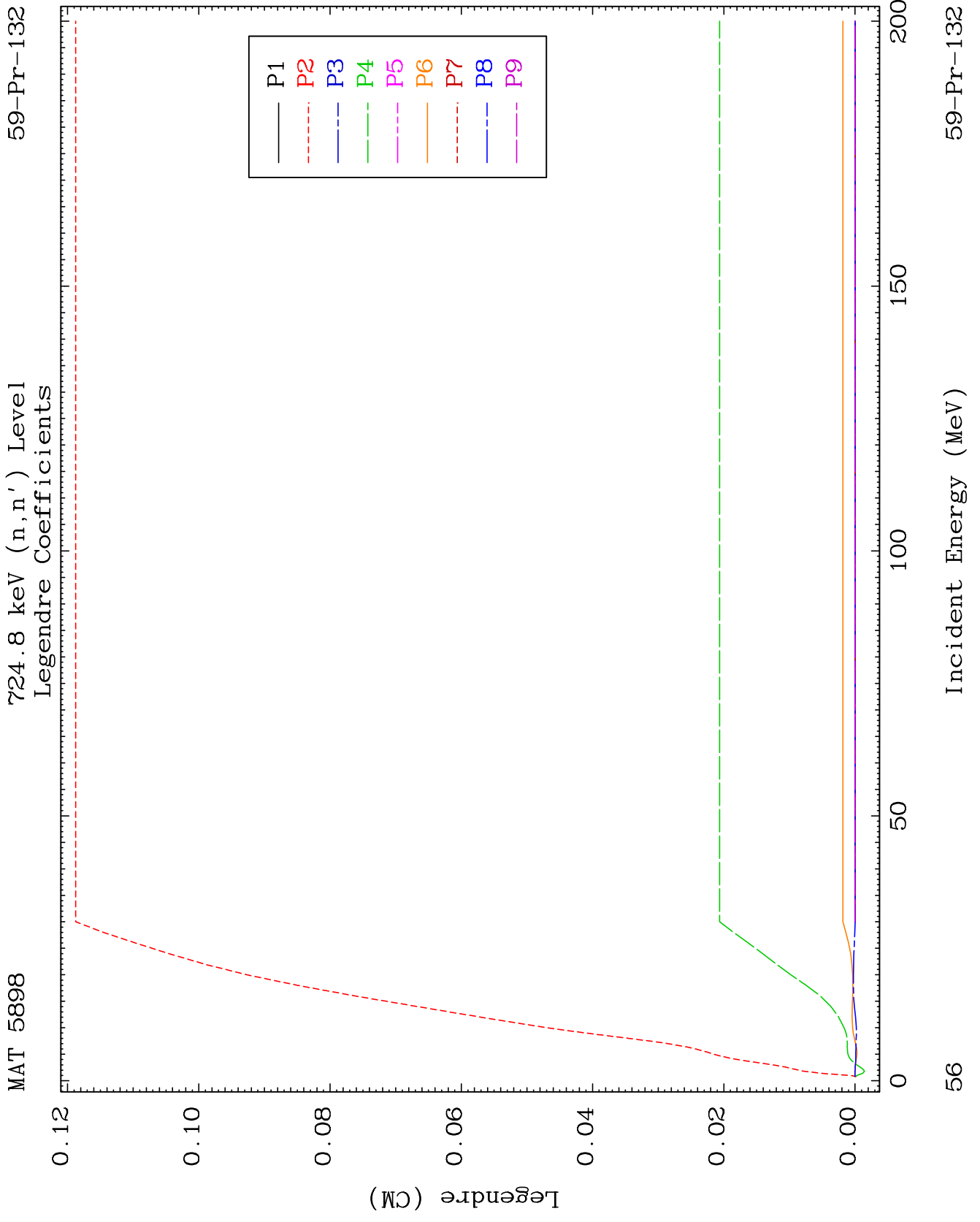


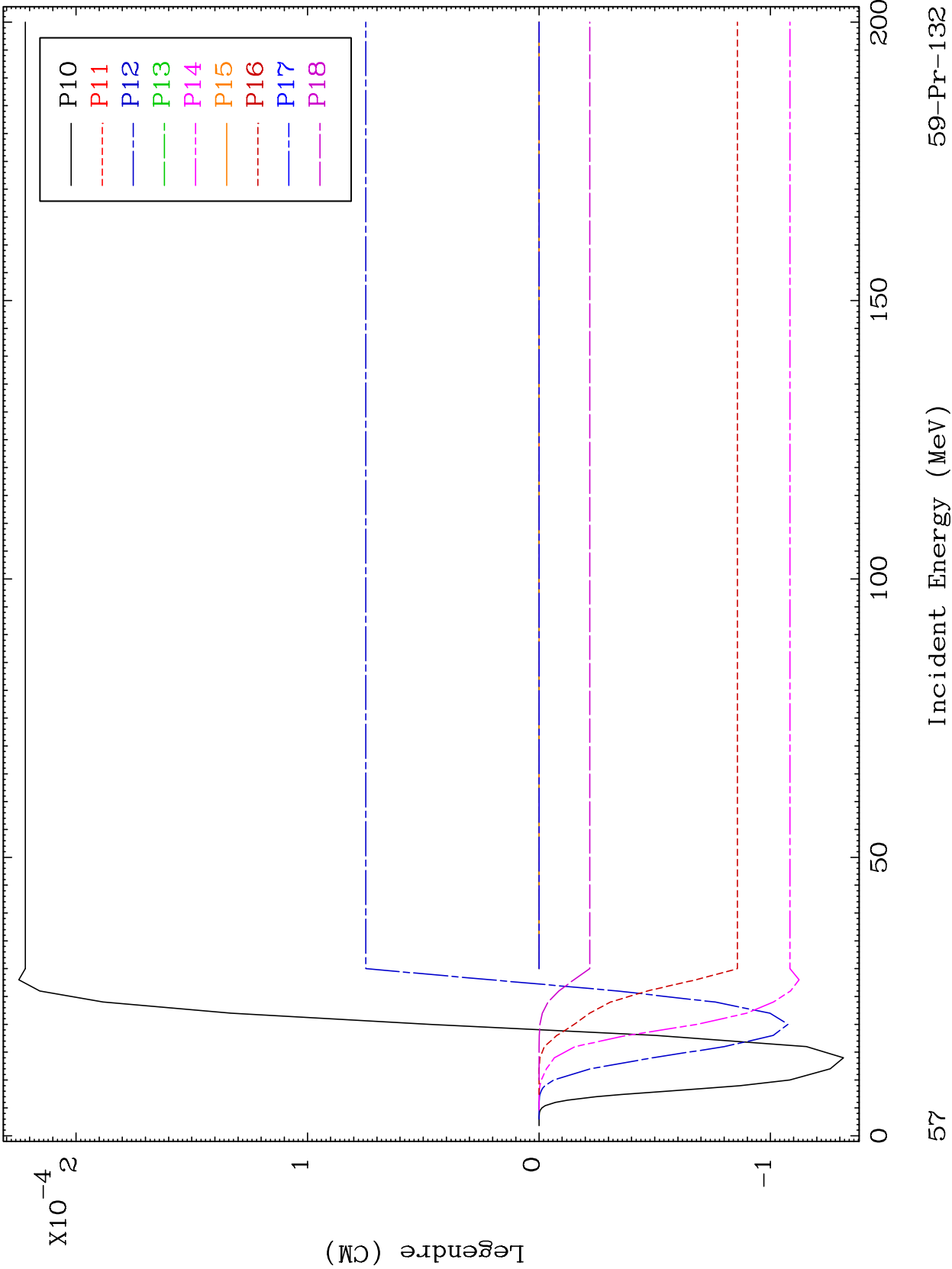


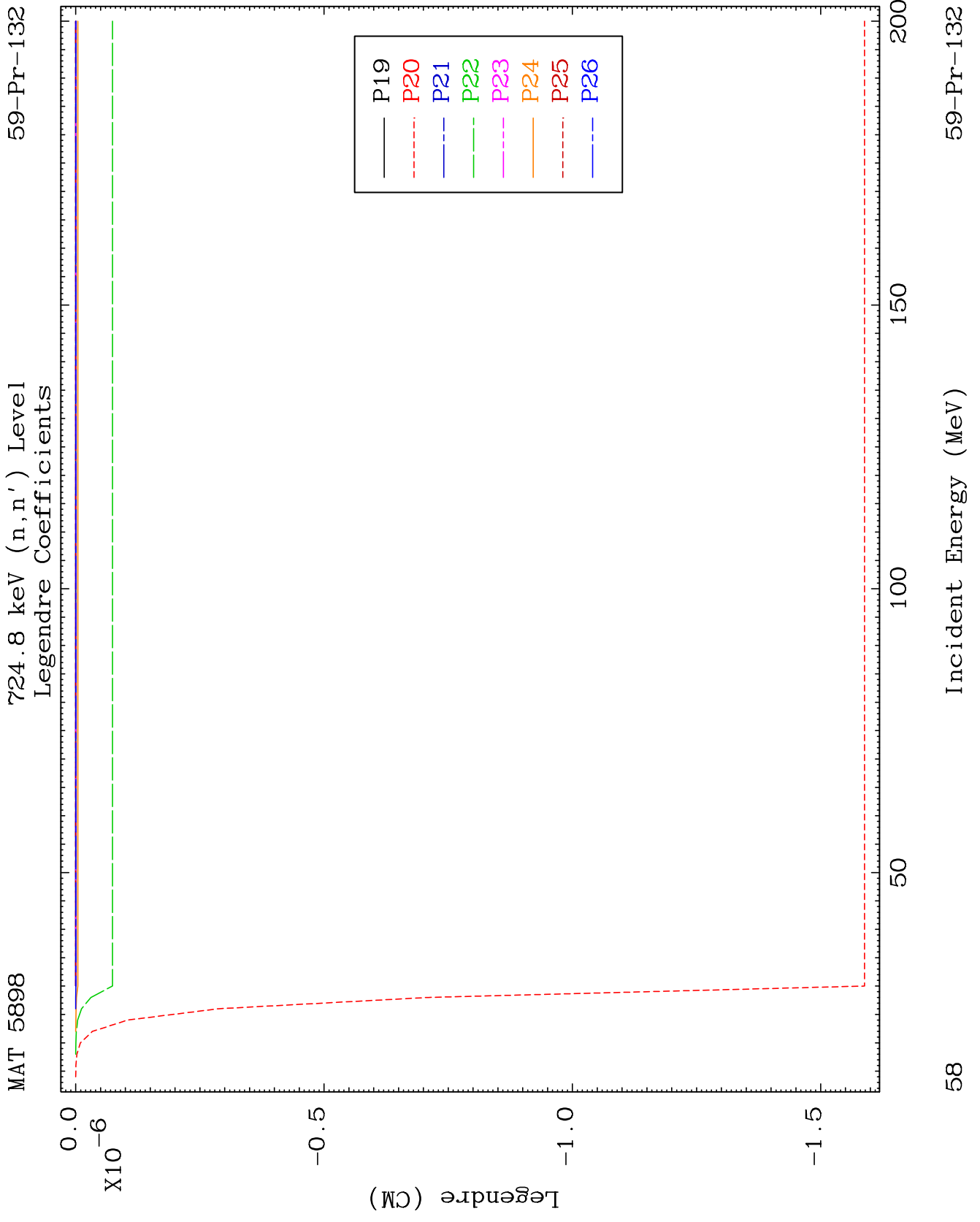


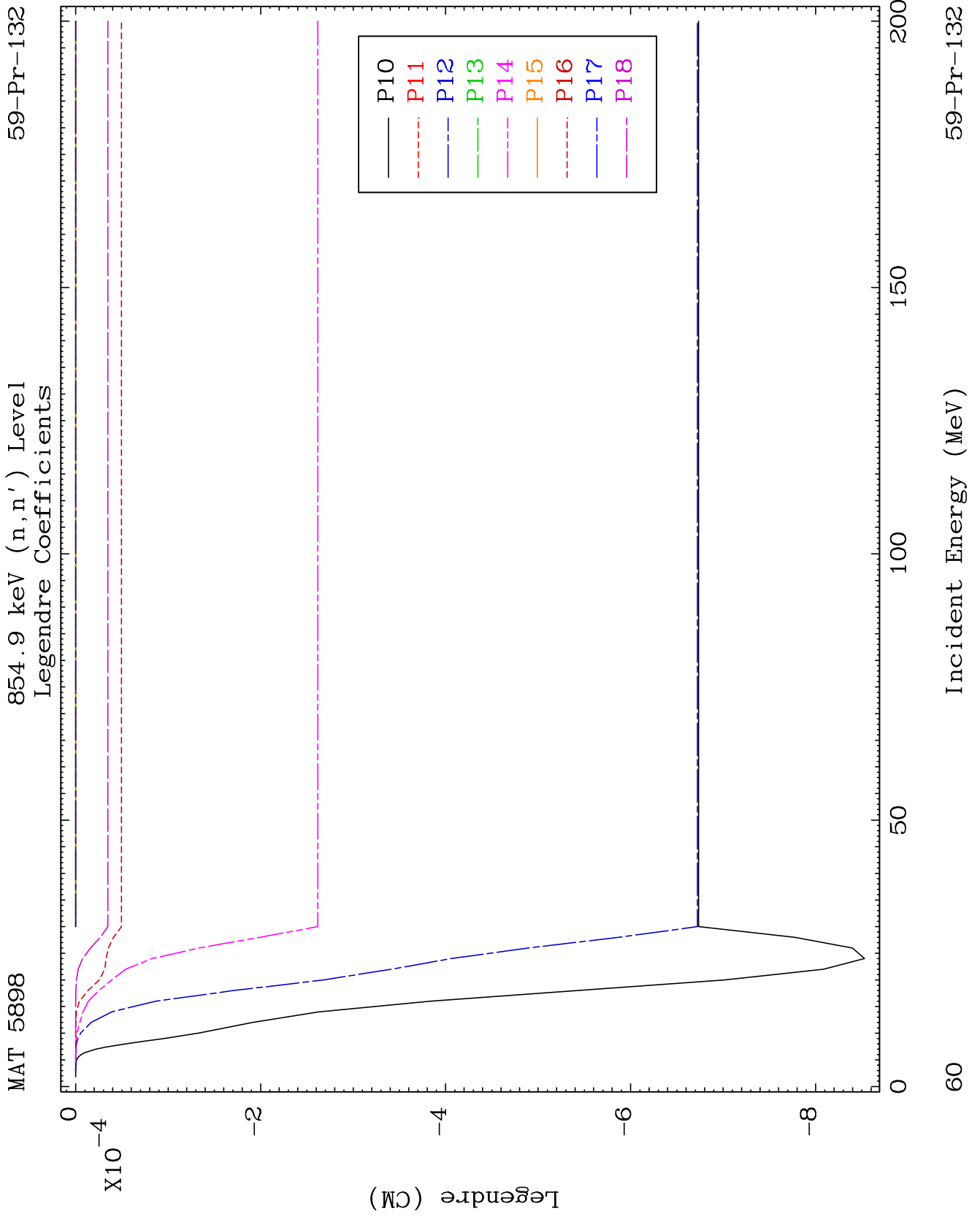


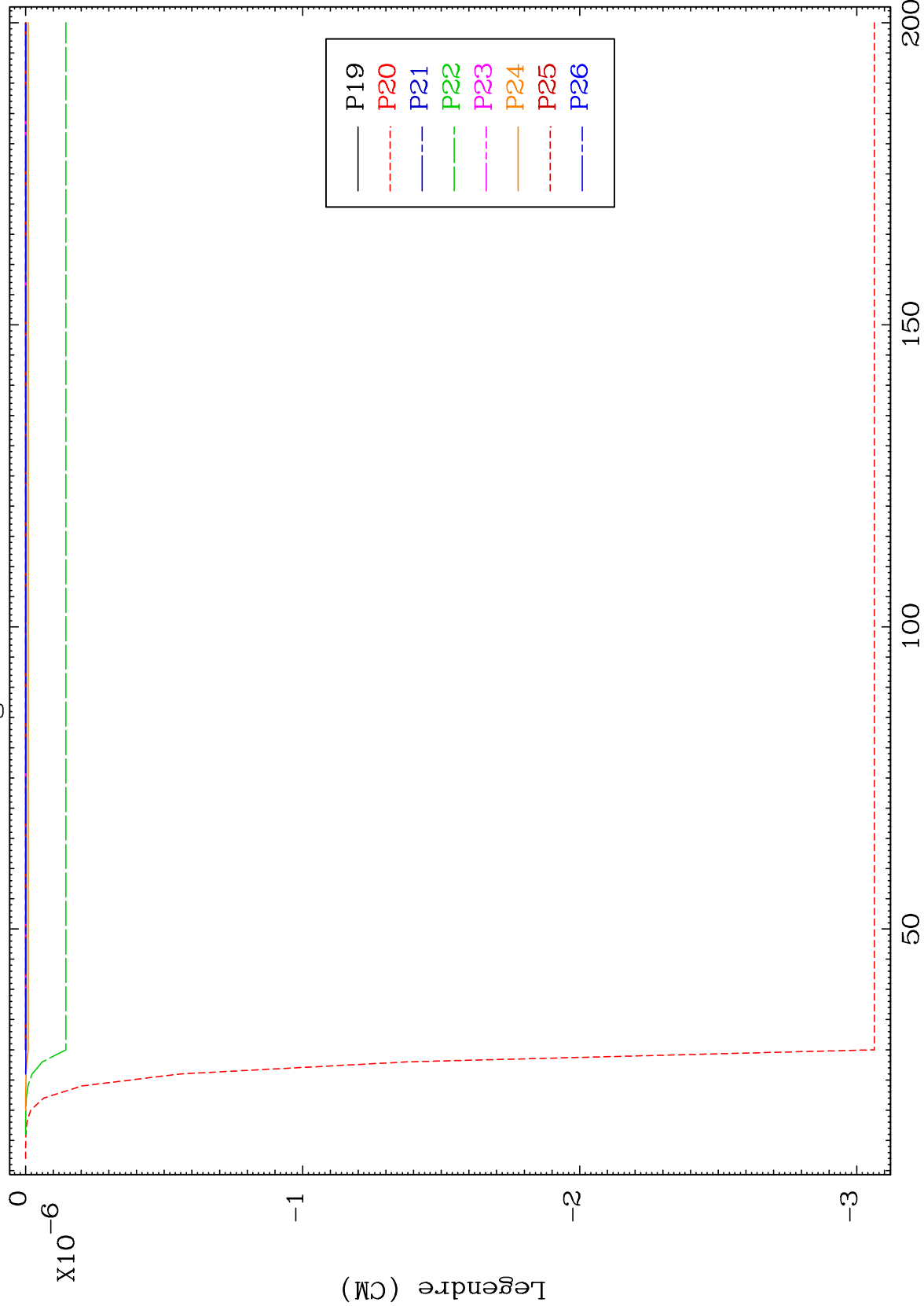








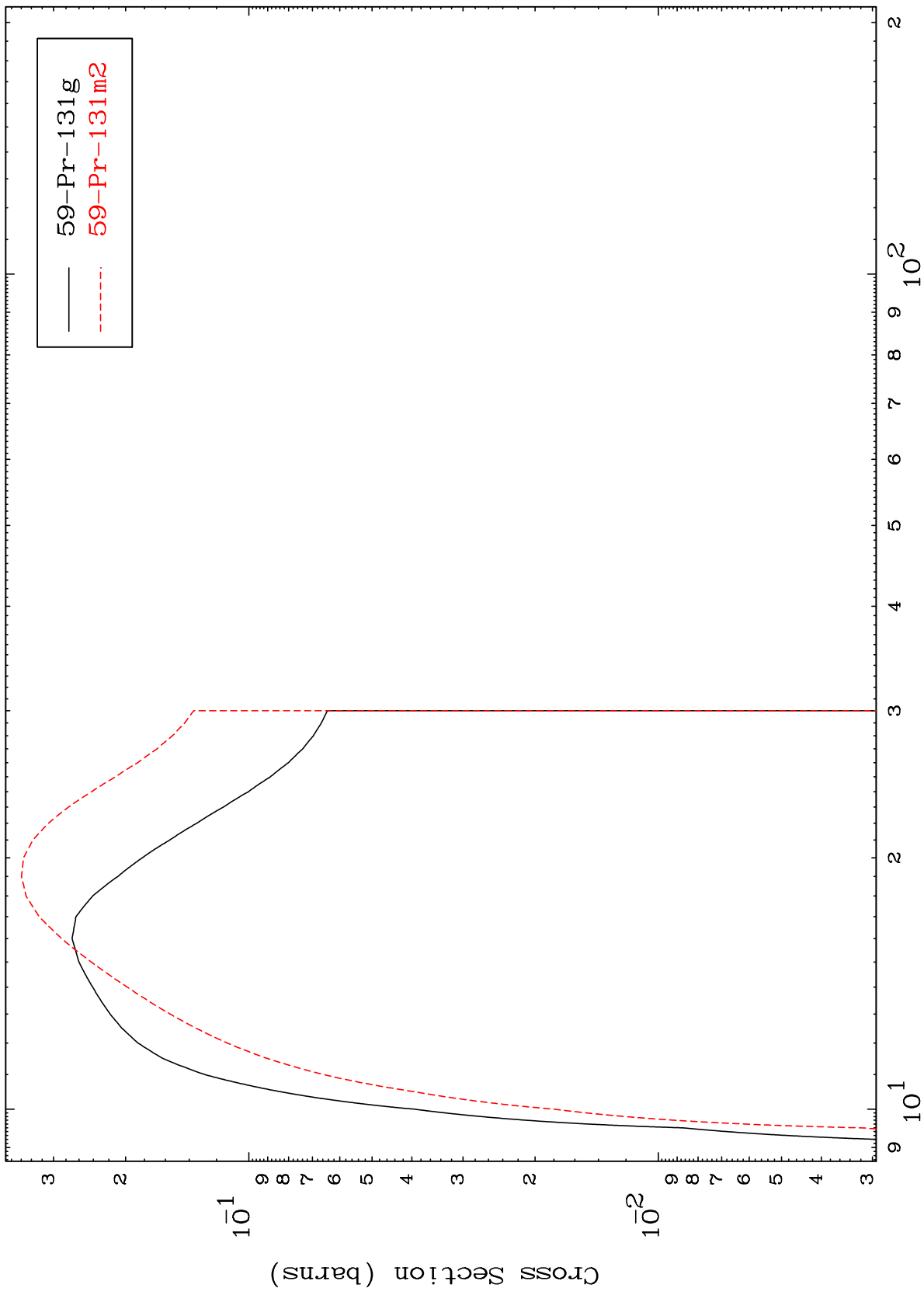




MAT 5898

59-Pr-132

(n,2n)
Radionuclide Production Cross Section



59-Pr-132

Incident Energy (MeV)

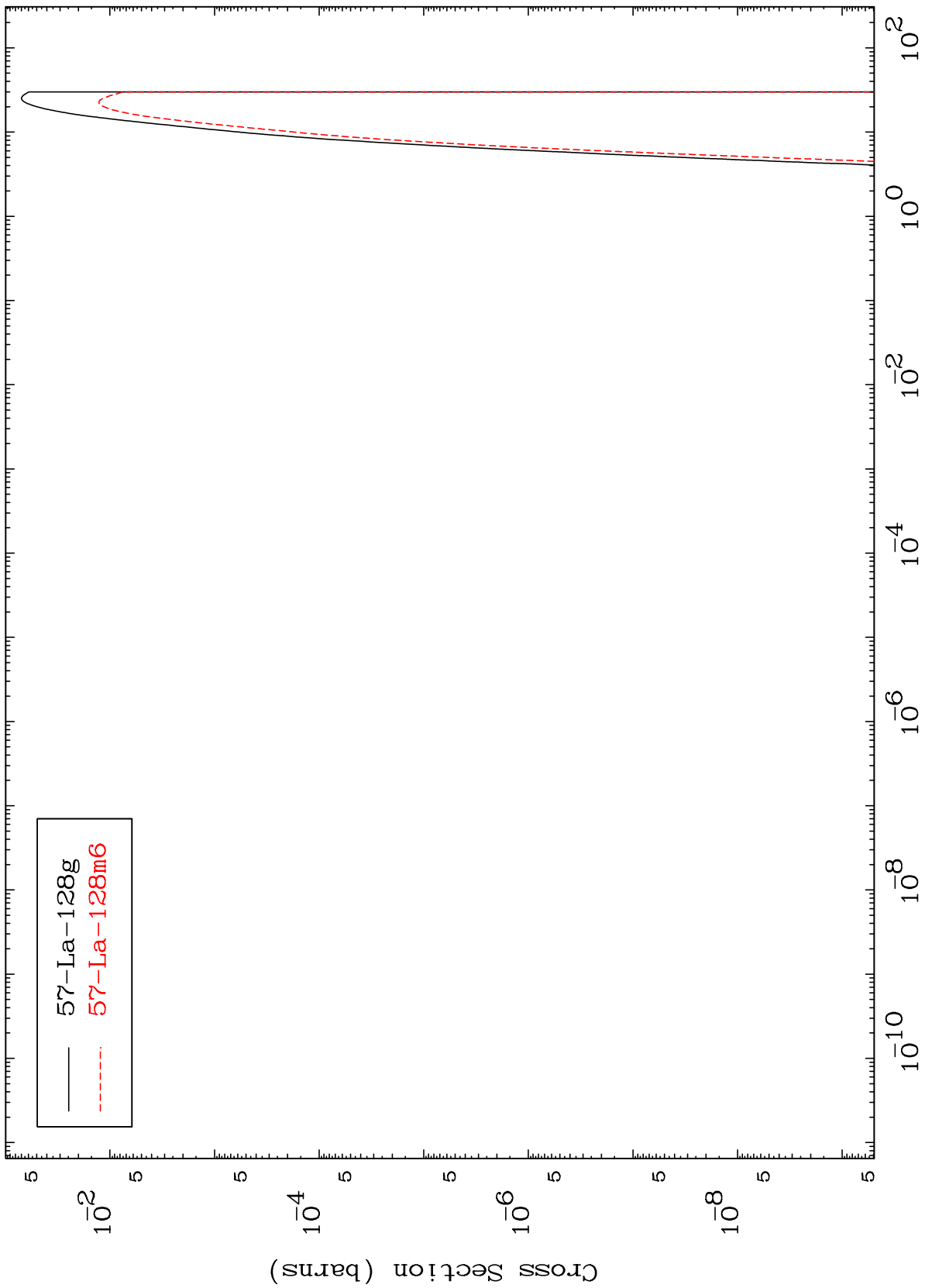
62

MAT 5898

$(n, n') \alpha$

59-Pr-132

Radionuclide Production Cross Section



63

Incident Energy (MeV)

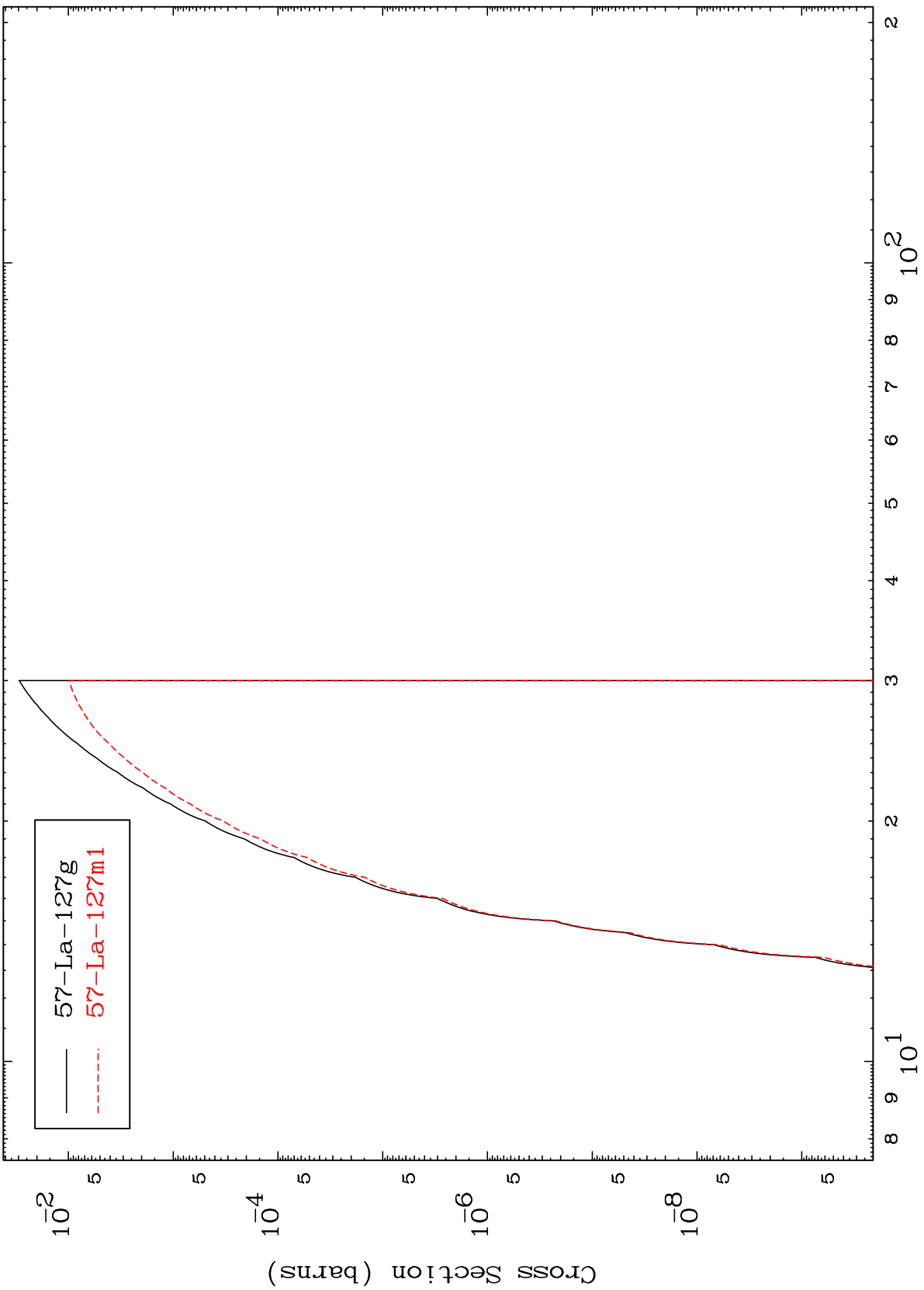
59-Pr-132

MAT 5898

(n,2n) α

59-Pr-132

Radionuclide Production Cross Section



64

Incident Energy (MeV)

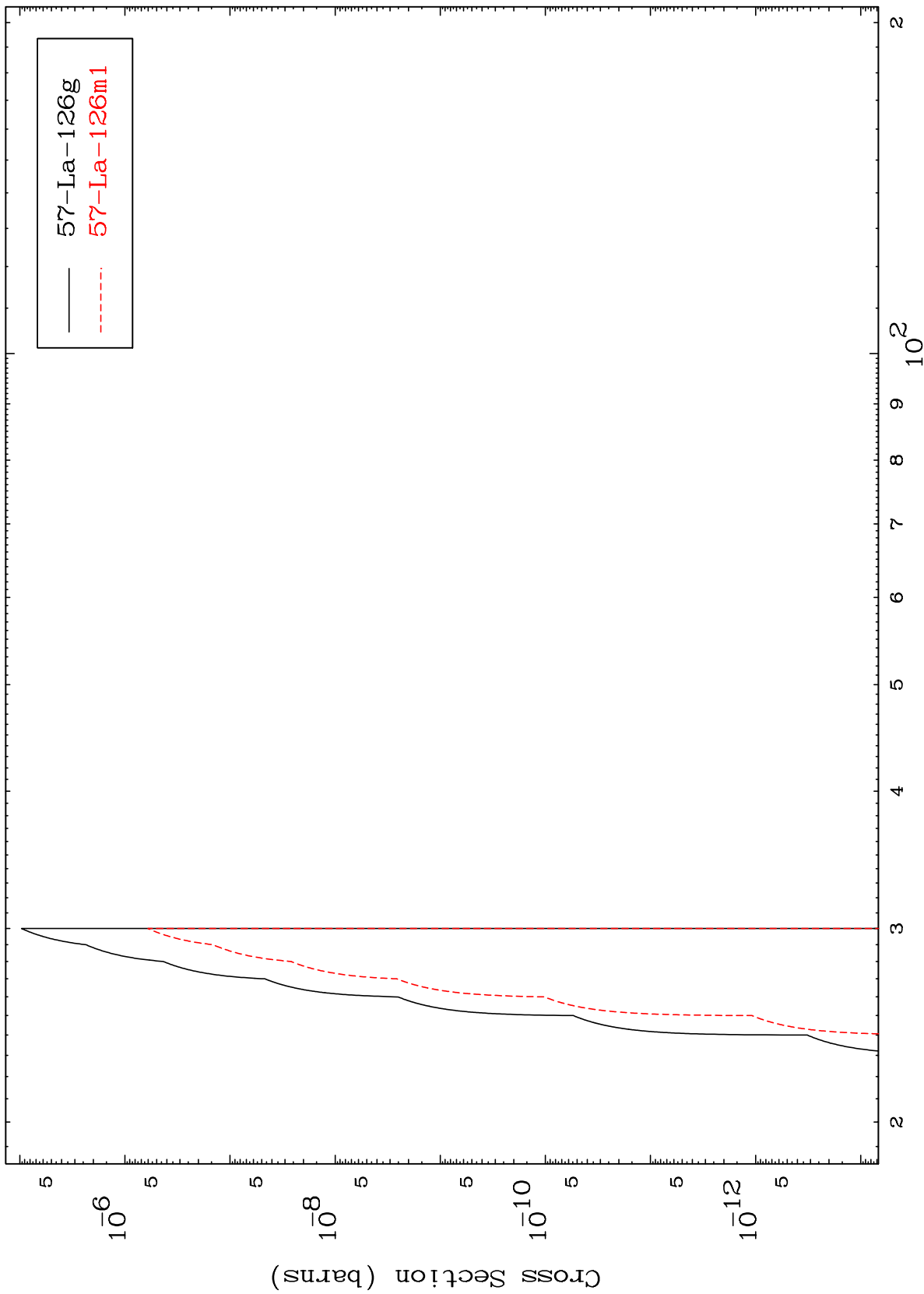
59-Pr-132

MAT 5898

$(n,3n) \alpha$

59-Pr-132

Radionuclide Production Cross Section



65

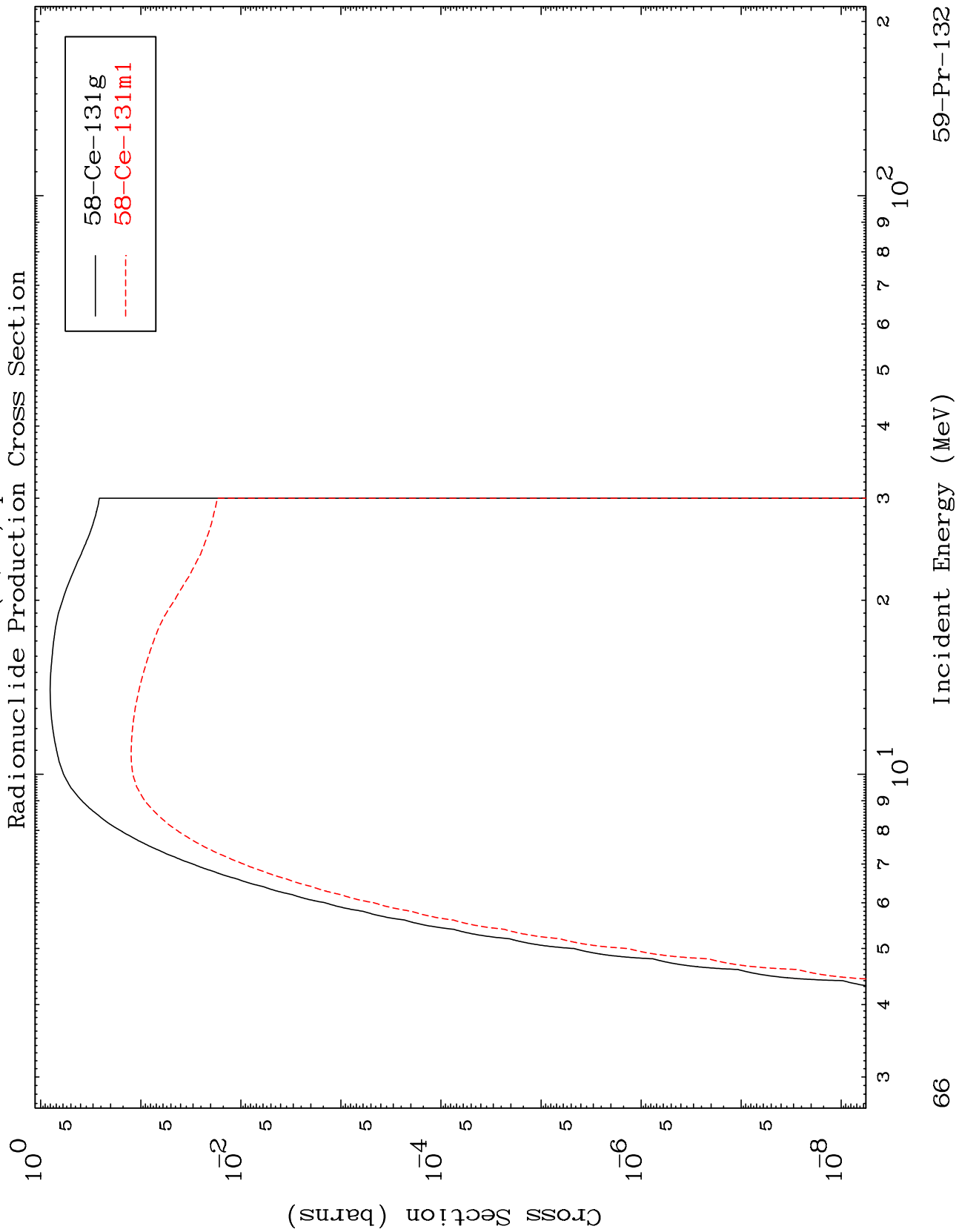
Incident Energy (MeV)

59-Pr-132

MAT 5898

(n,n') p

59-Pr-132



66

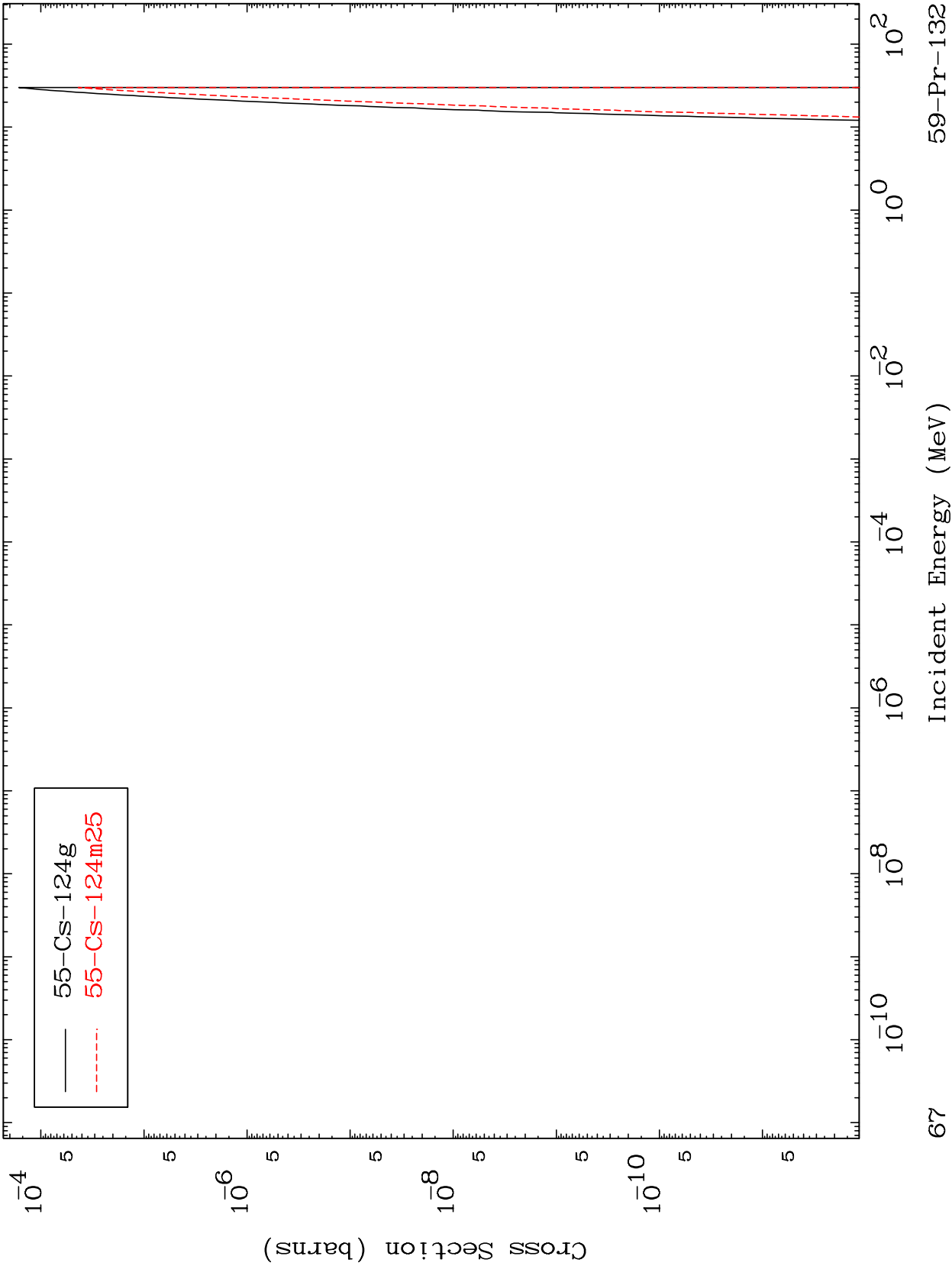
59-Pr-132

MAT 5898

(n,n') 2α

59-Pr-132

Radionuclide Production Cross Section

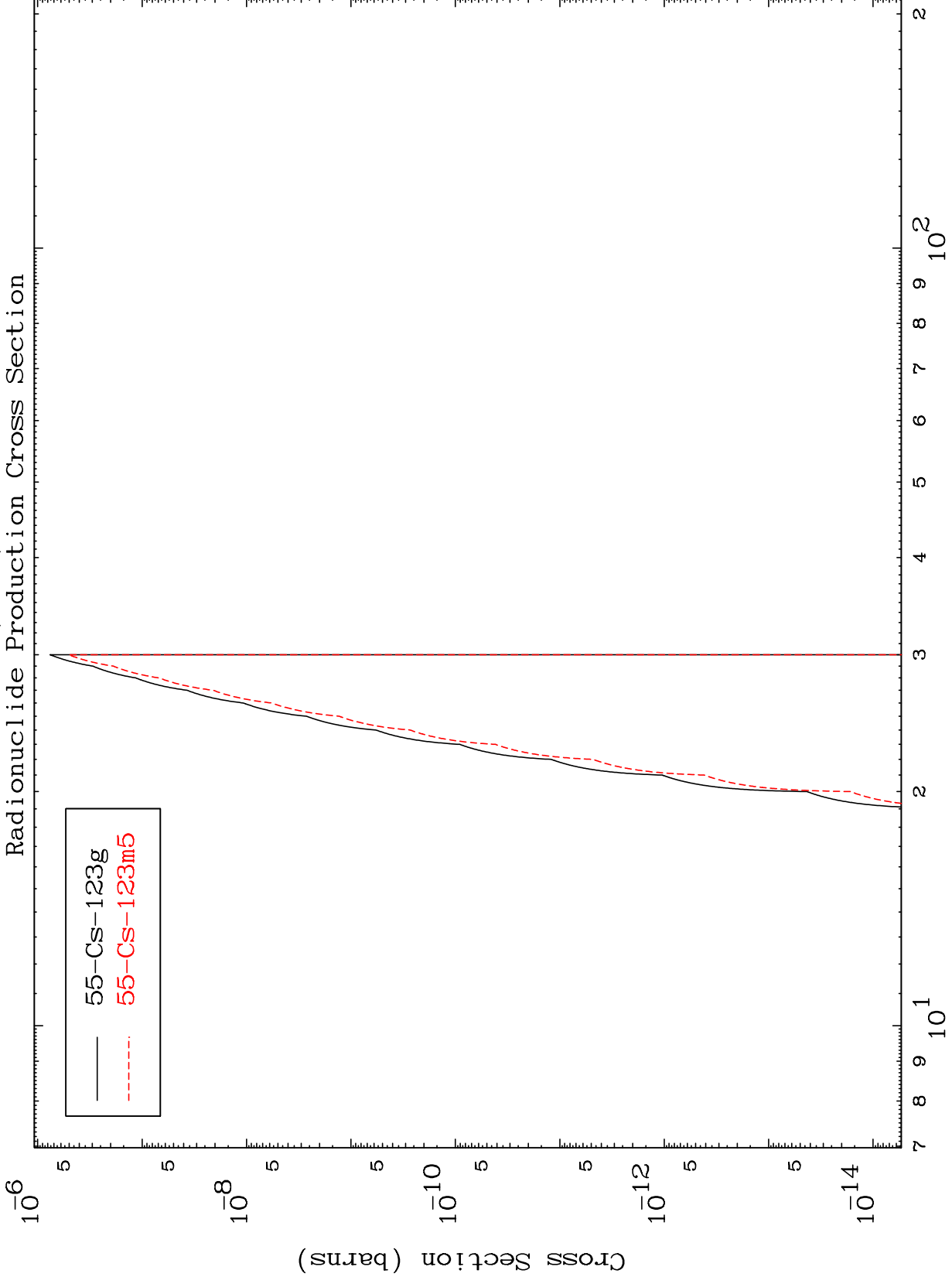


55-Cs-124g
55-Cs-124m25

MAT 5898

$(n,2n) 2\alpha$

59-Pr-132



68

Incident Energy (MeV)

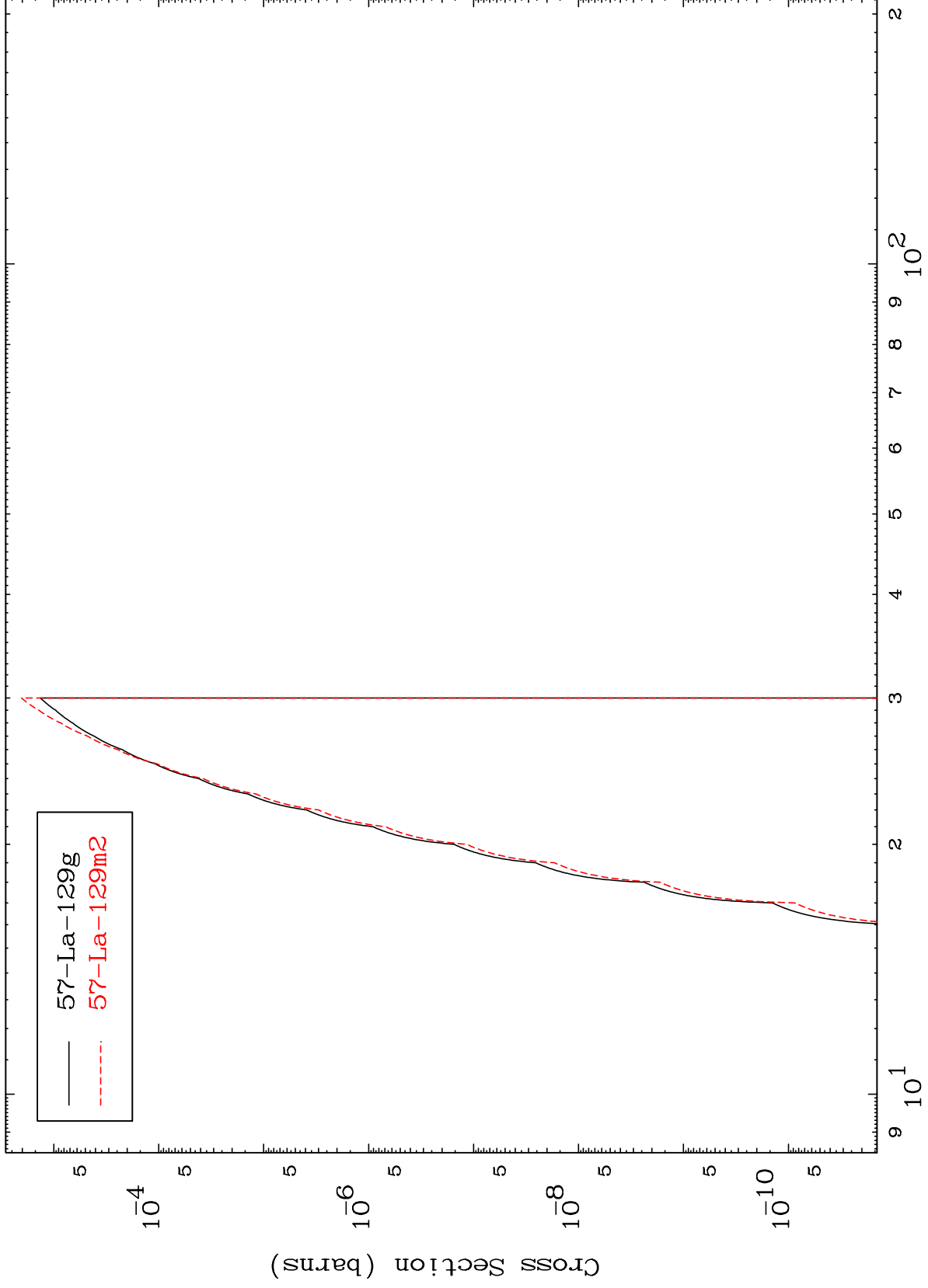
59-Pr-132

MAT 5898

(n,n') He-3

59-Pr-132

Radionuclide Production Cross Section



69

Incident Energy (MeV)

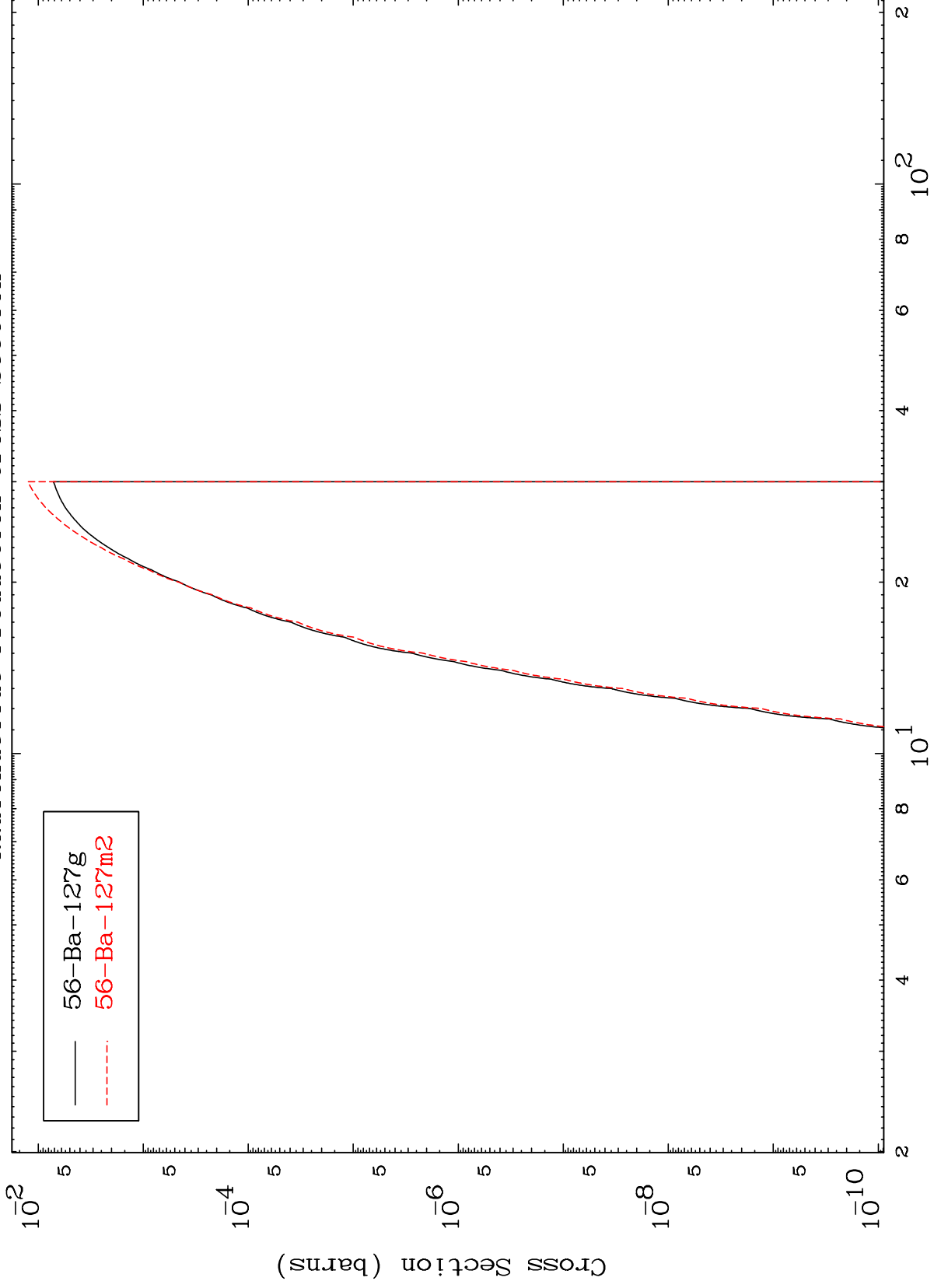
59-Pr-132

MAT 5898

(n,n') p α

59-Pr-132

Radionuclide Production Cross Section



56-Ba-127g
56-Ba-127m2

70

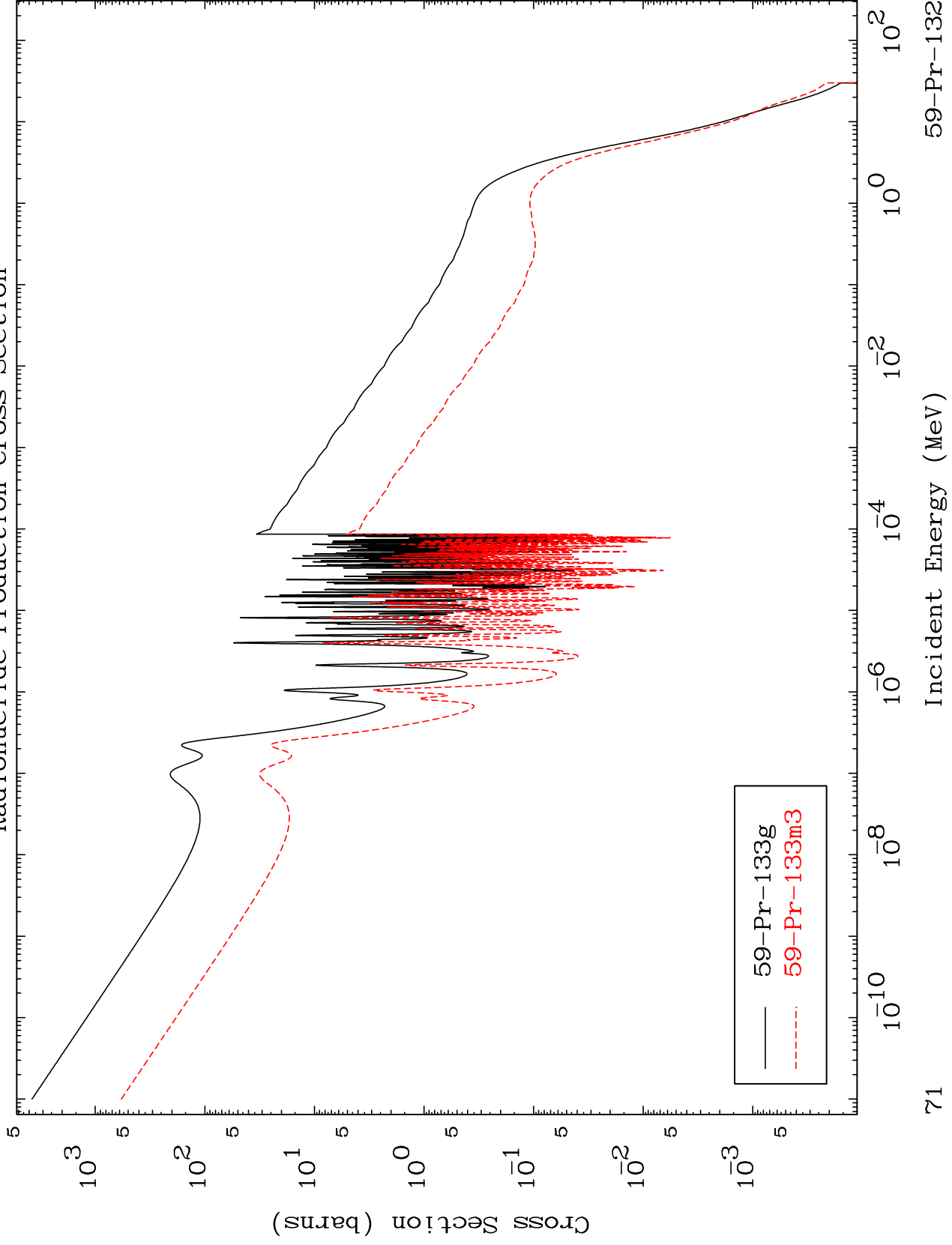
Incident Energy (MeV)

59-Pr-132

MAT 5898

59-Pr-132

(n, γ)
Radionuclide Production Cross Section

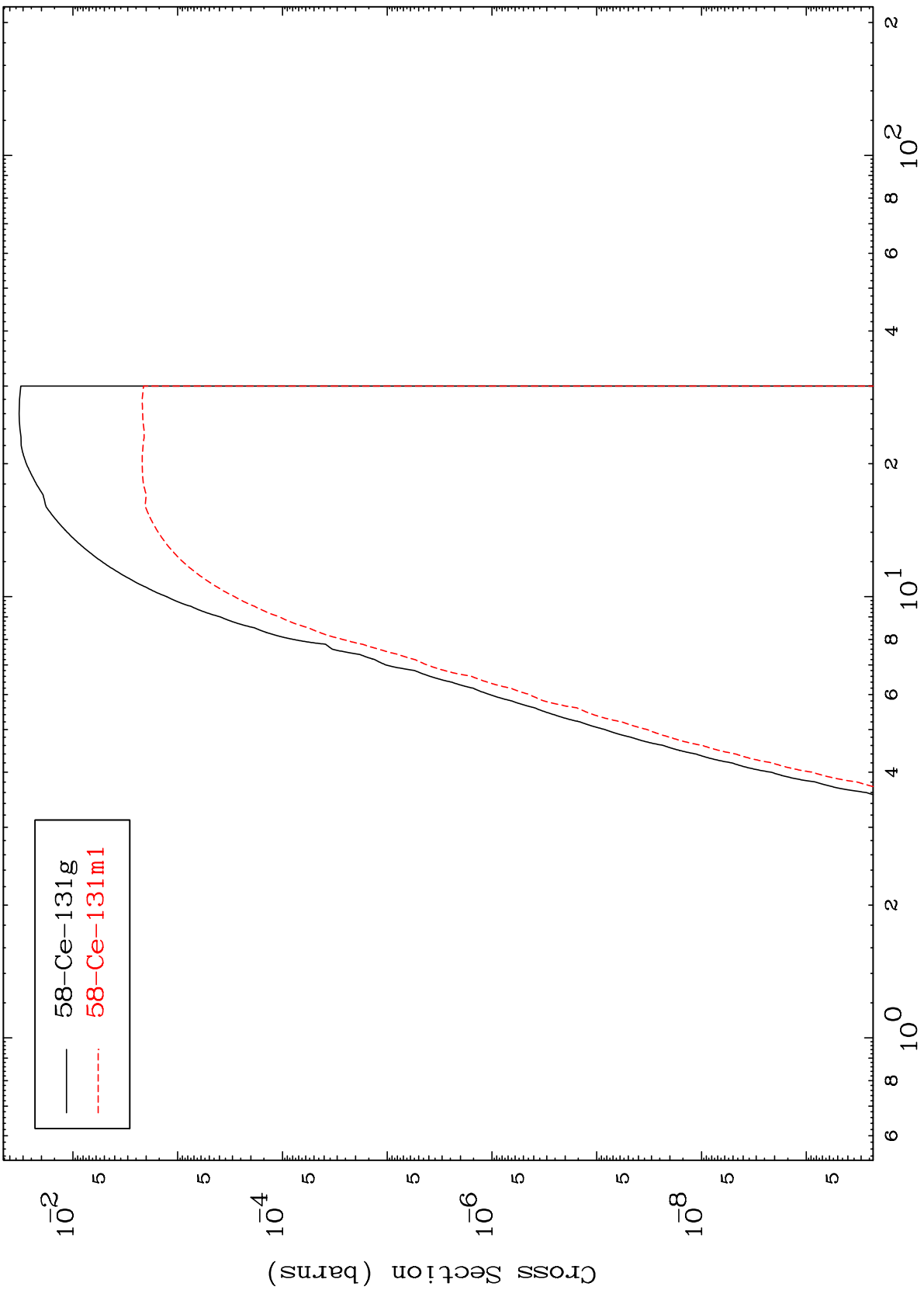


MAT 5898

(n,d)

59-Pr-132

Radionuclide Production Cross Section



72

Incident Energy (MeV)

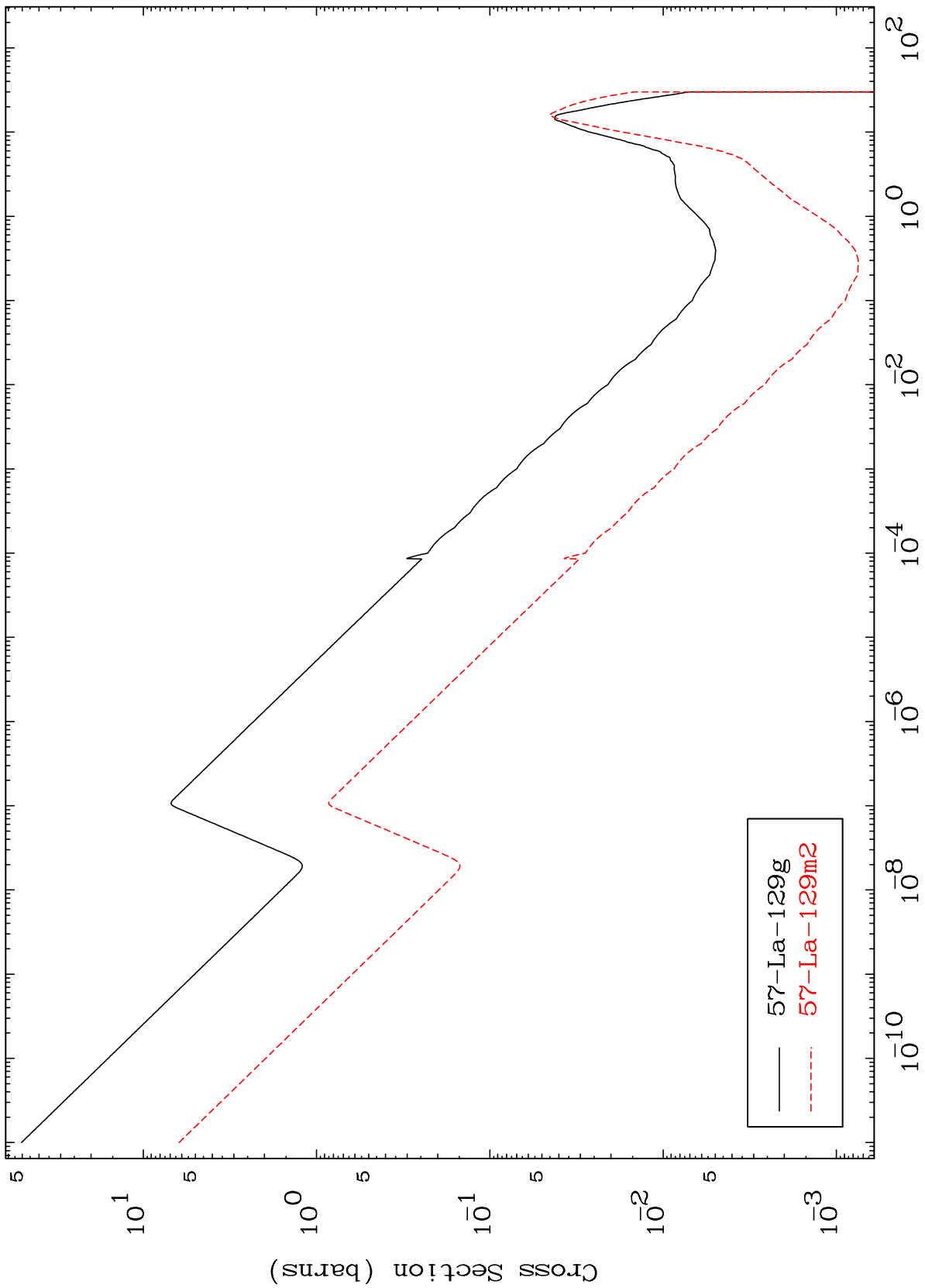
59-Pr-132

MAT 5898

59-Pr-132

Radionuclide Production Cross Section

(n, α)



73

59-Pr-132

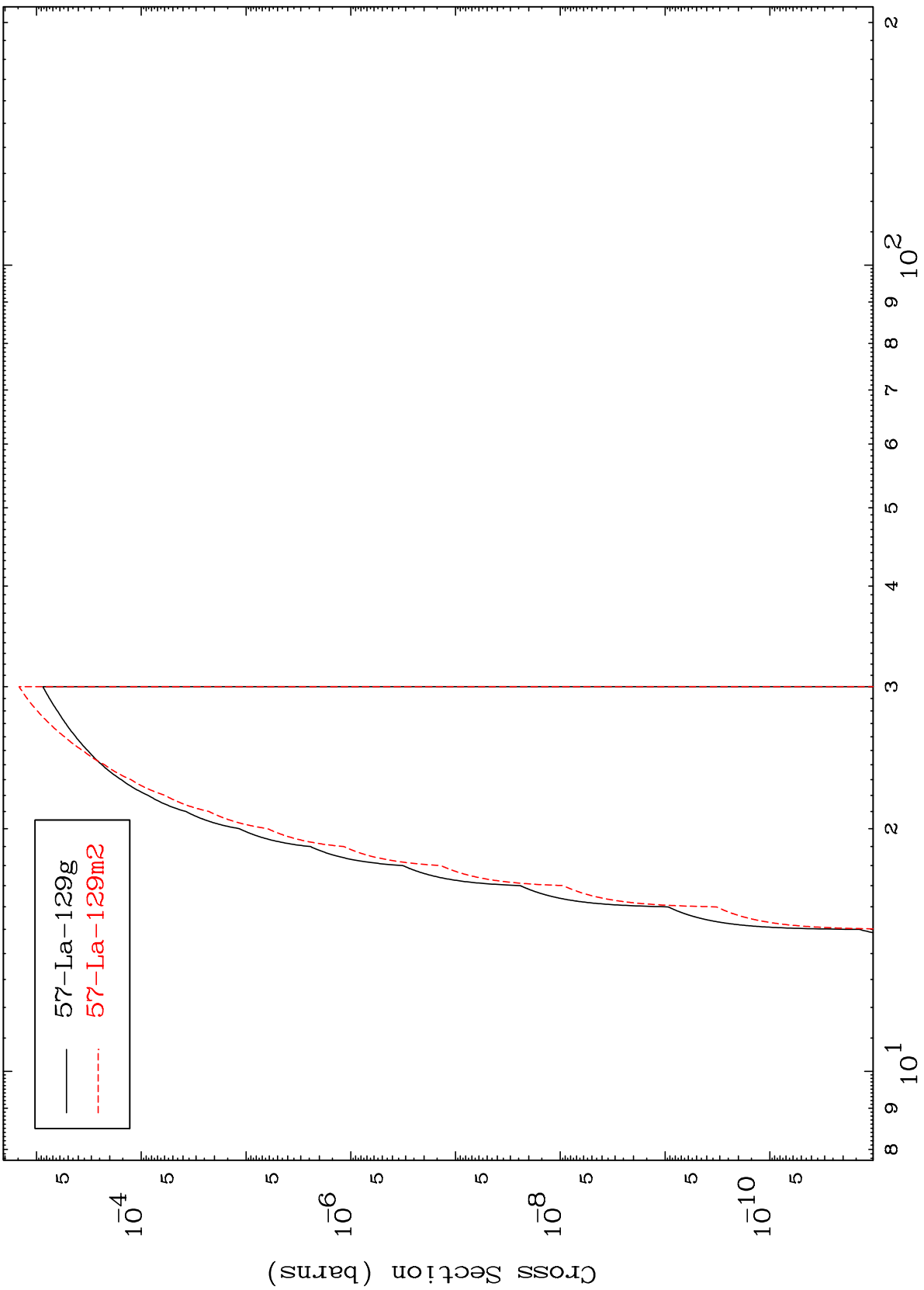
Incident Energy (MeV)

MAT 5898

(n,p) t

59-Pr-132

Radionuclide Production Cross Section



74

Incident Energy (MeV)

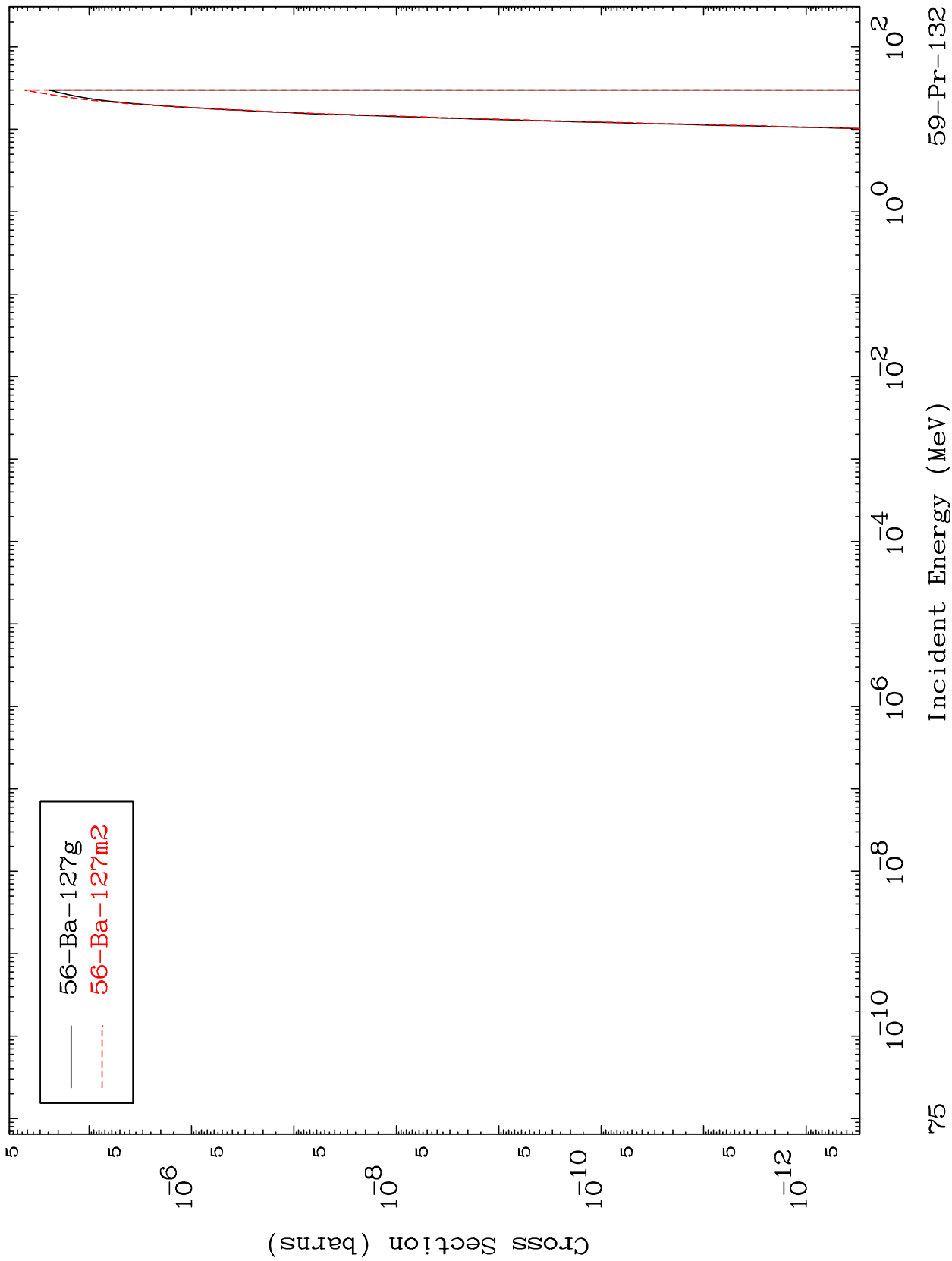
59-Pr-132

MAT 5898

(n,d) α

59-Pr-132

Radionuclide Production Cross Section



75

Incident Energy (MeV)

59-Pr-132