

Program EVALPLOT
(Version 2017-1)

by

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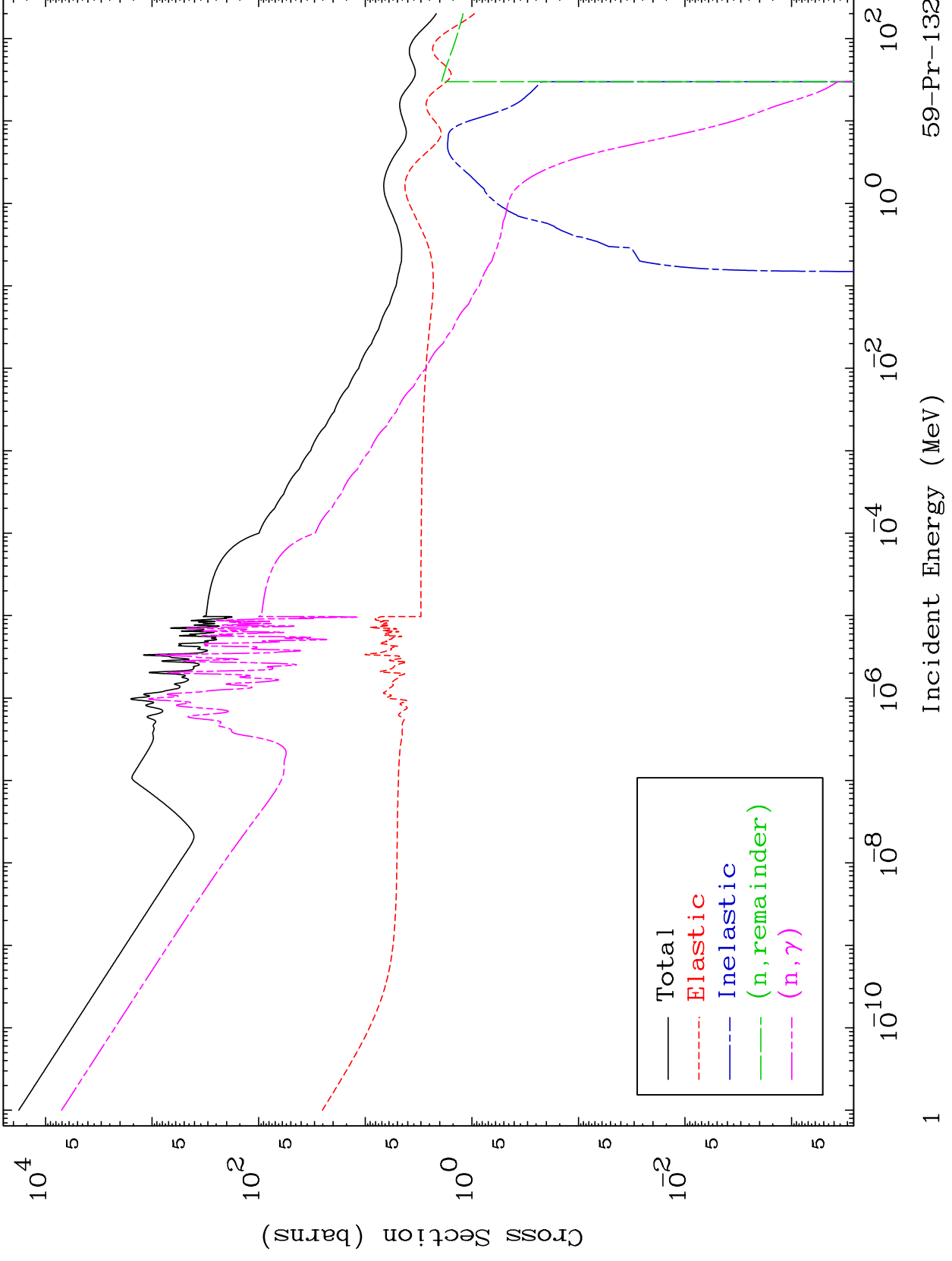
Press Mouse Button to Start

MAT 5898

Major

293 Kelvin Cross Sections

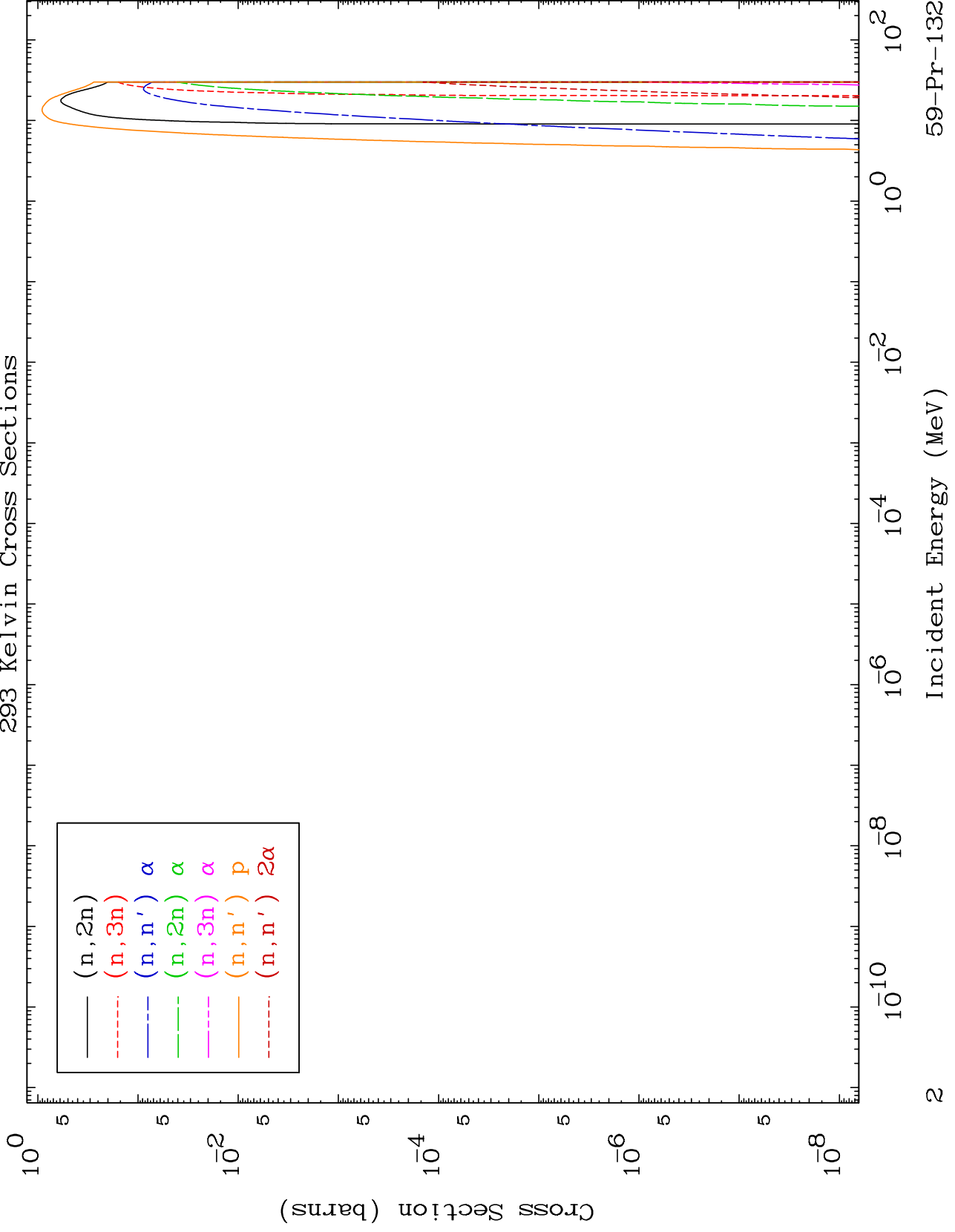
59-Pr-132

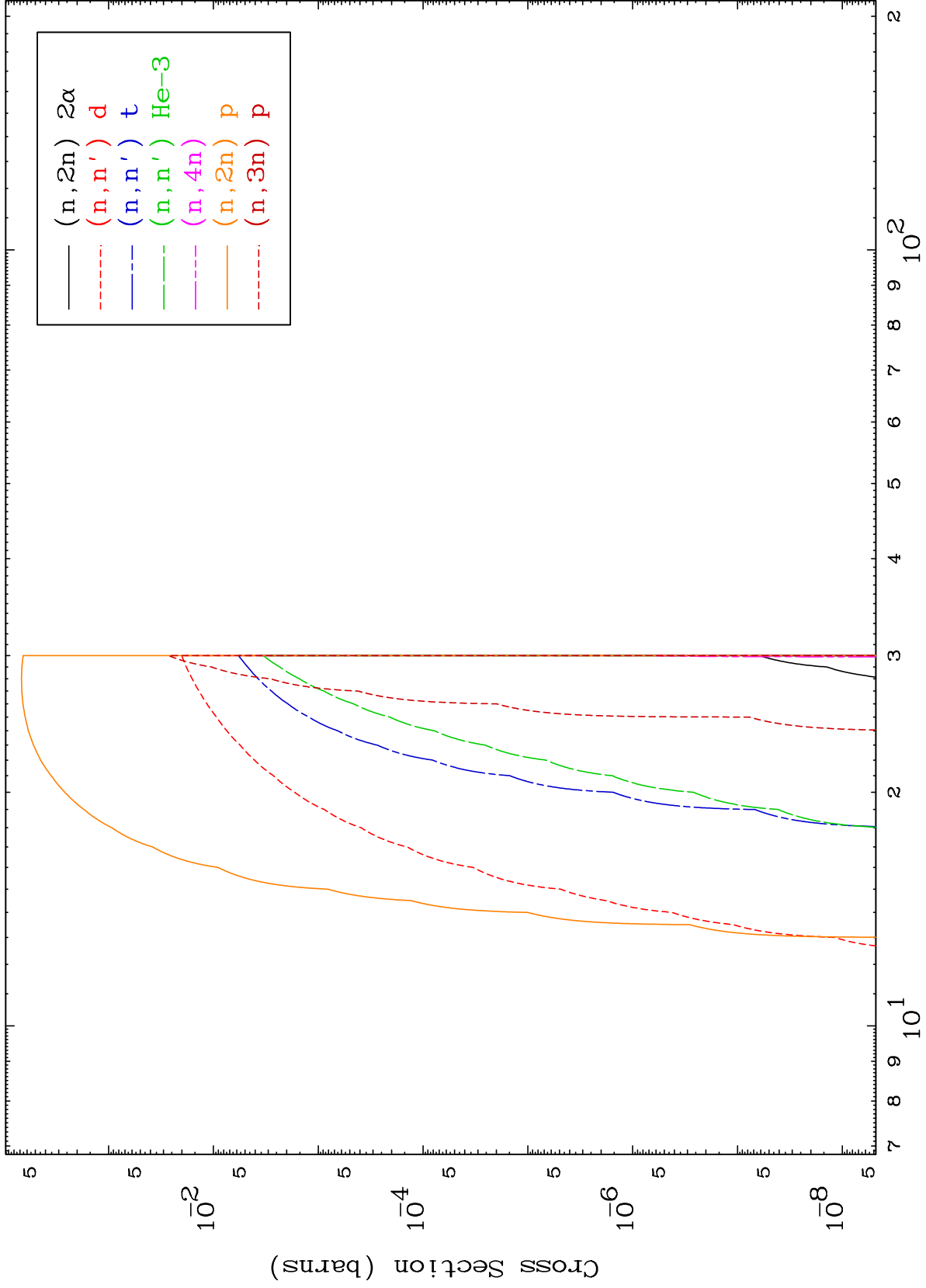


MAT 5898

Neutron Production
293 Kelvin Cross Sections

59-Pr-132

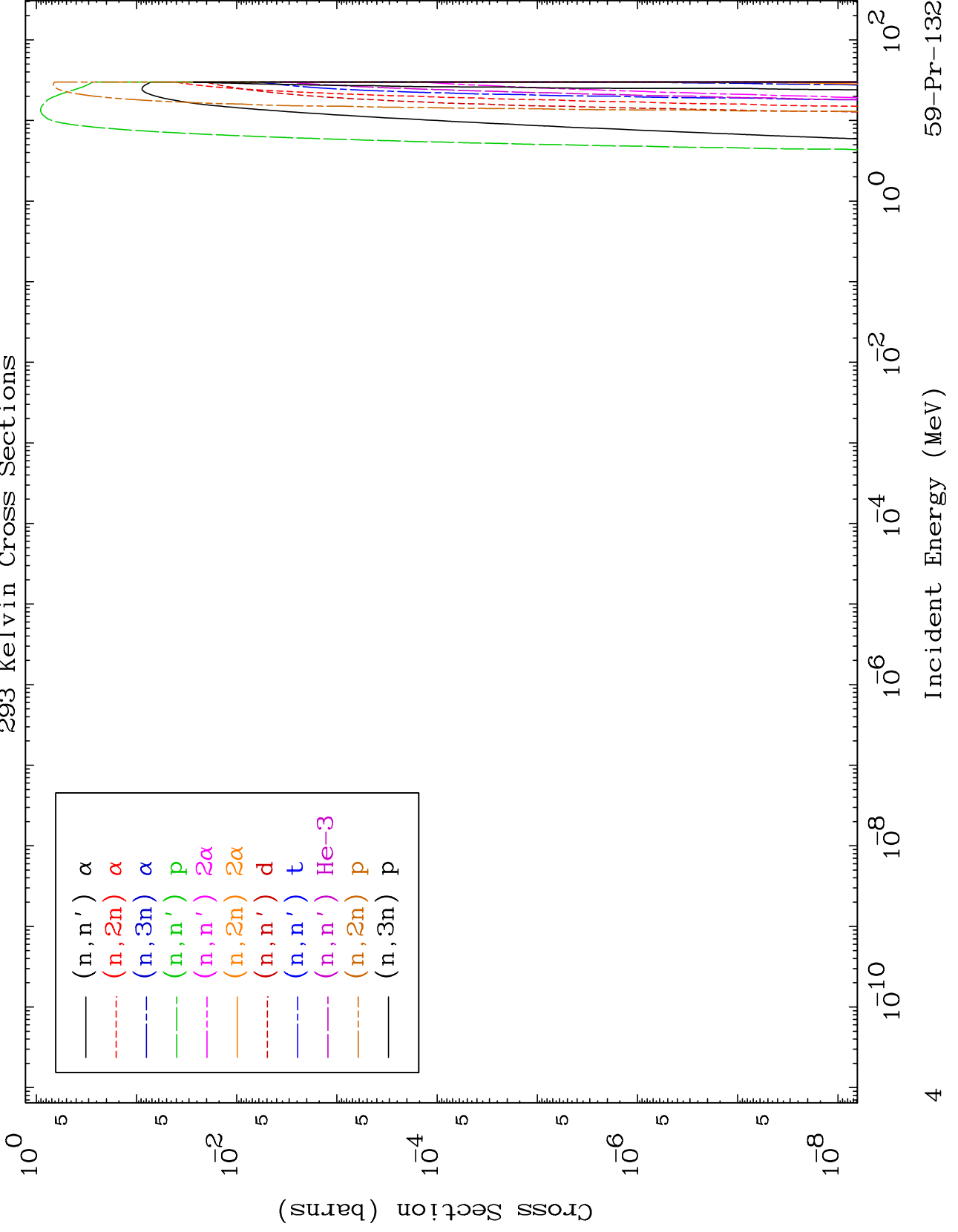




MAT 5898

Charged Particle
293 Kelvin Cross Sections

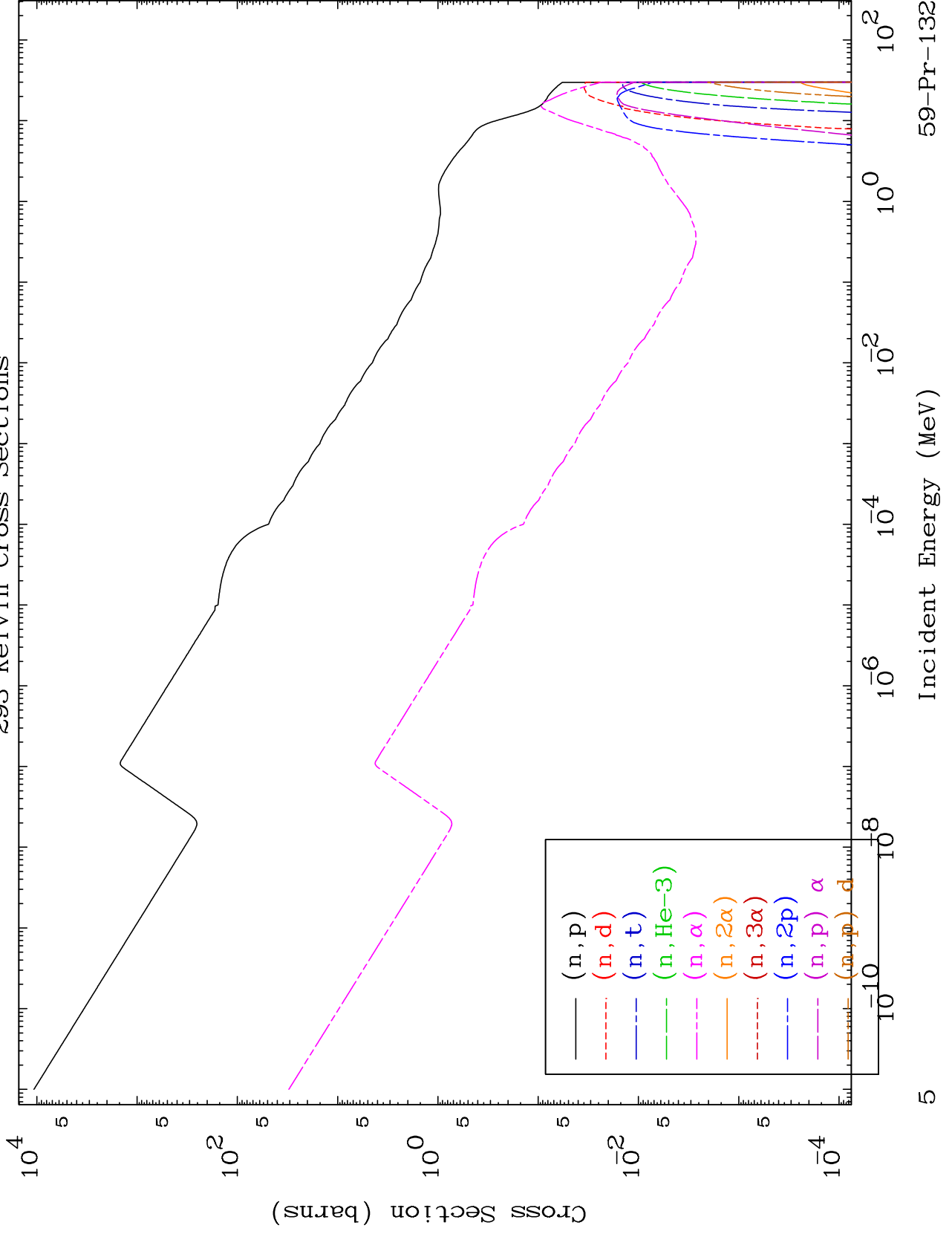
59-Pr-132



MAT 5898

Charged Particle
293 Kelvin Cross Sections

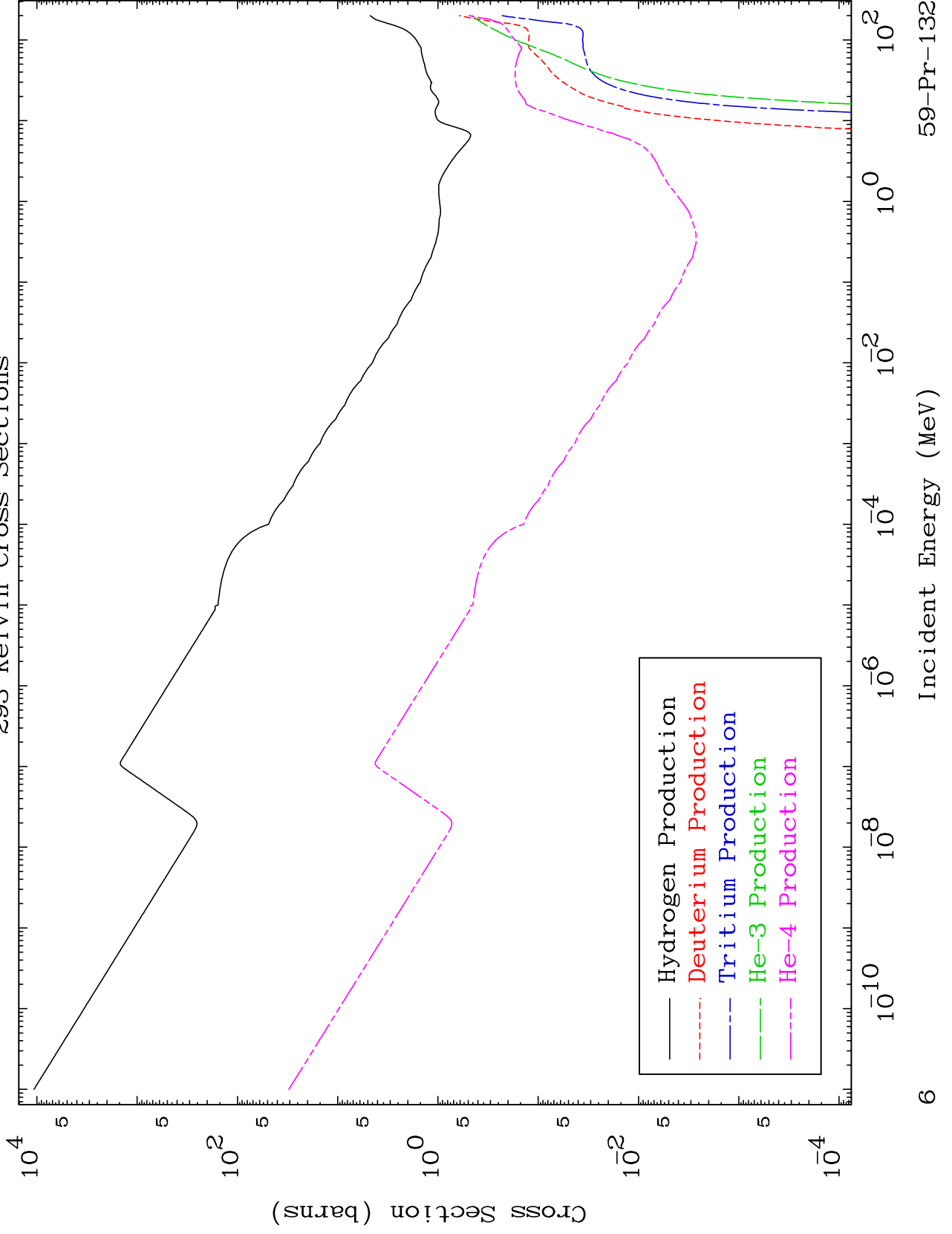
59-Pr-132



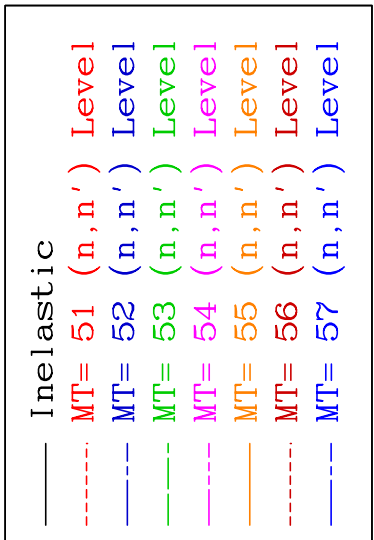
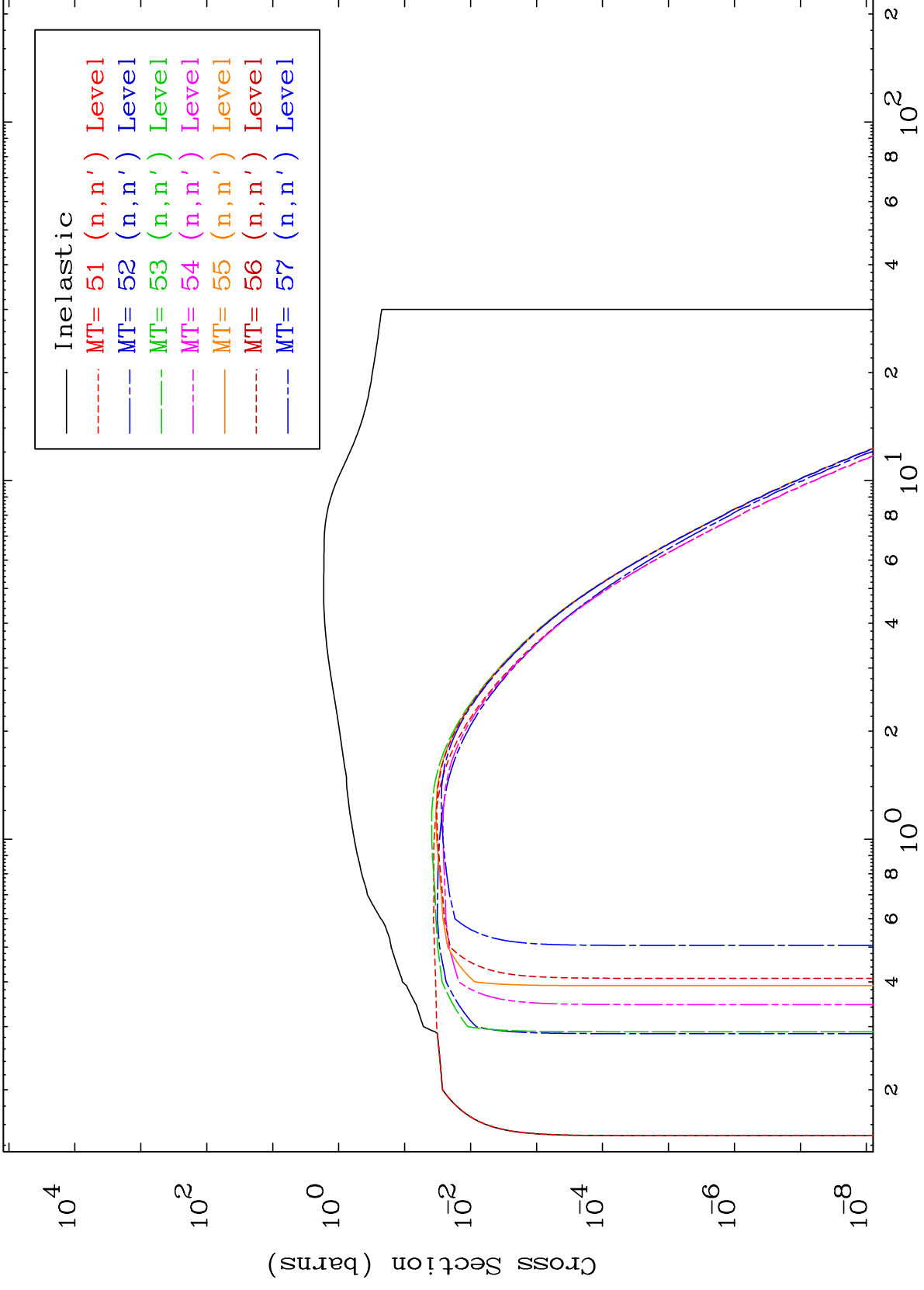
MAT 5898

Particle Production
293 Kelvin Cross Sections

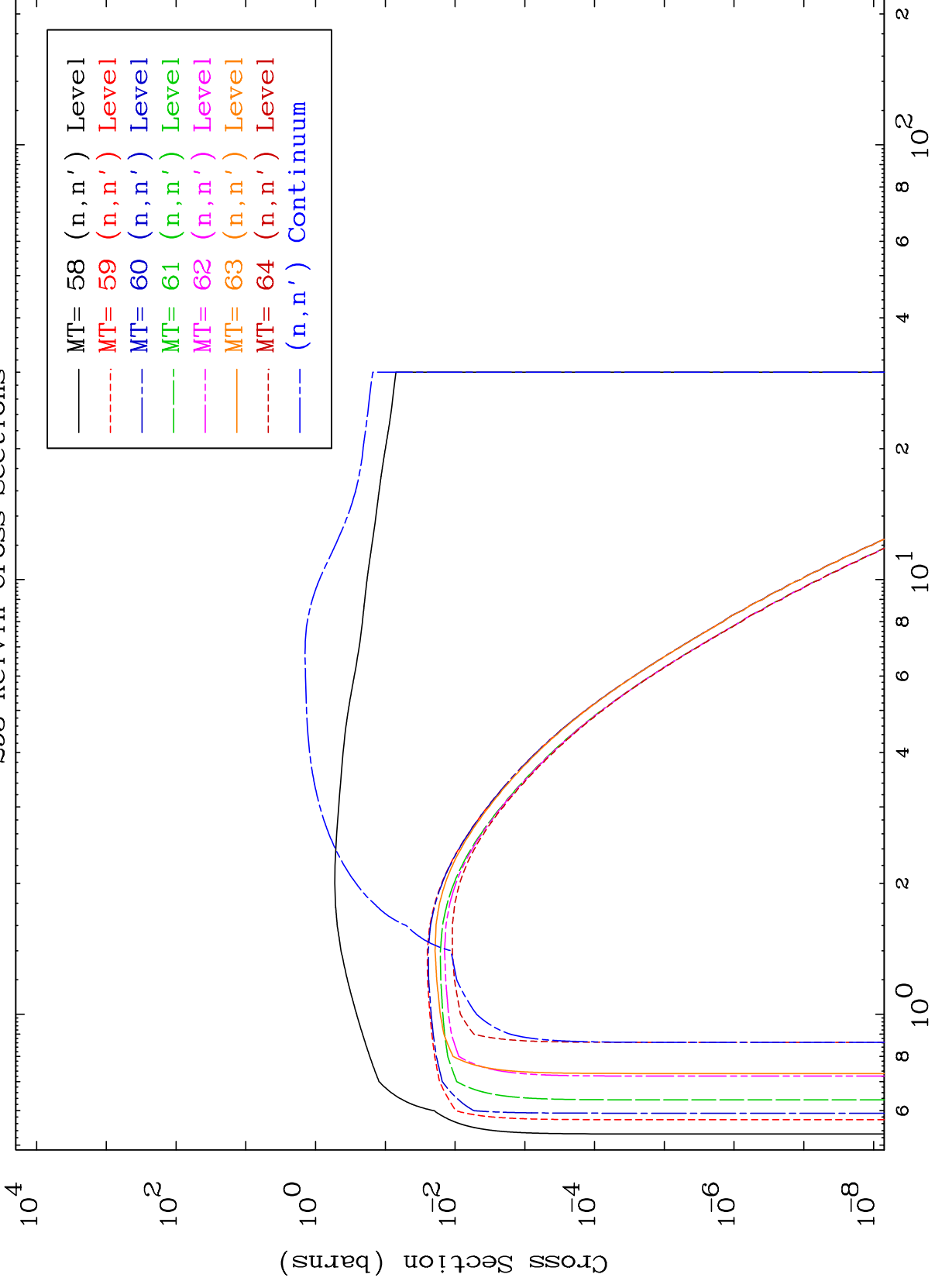
59-Pr-132



293 Kelvin Cross Sections



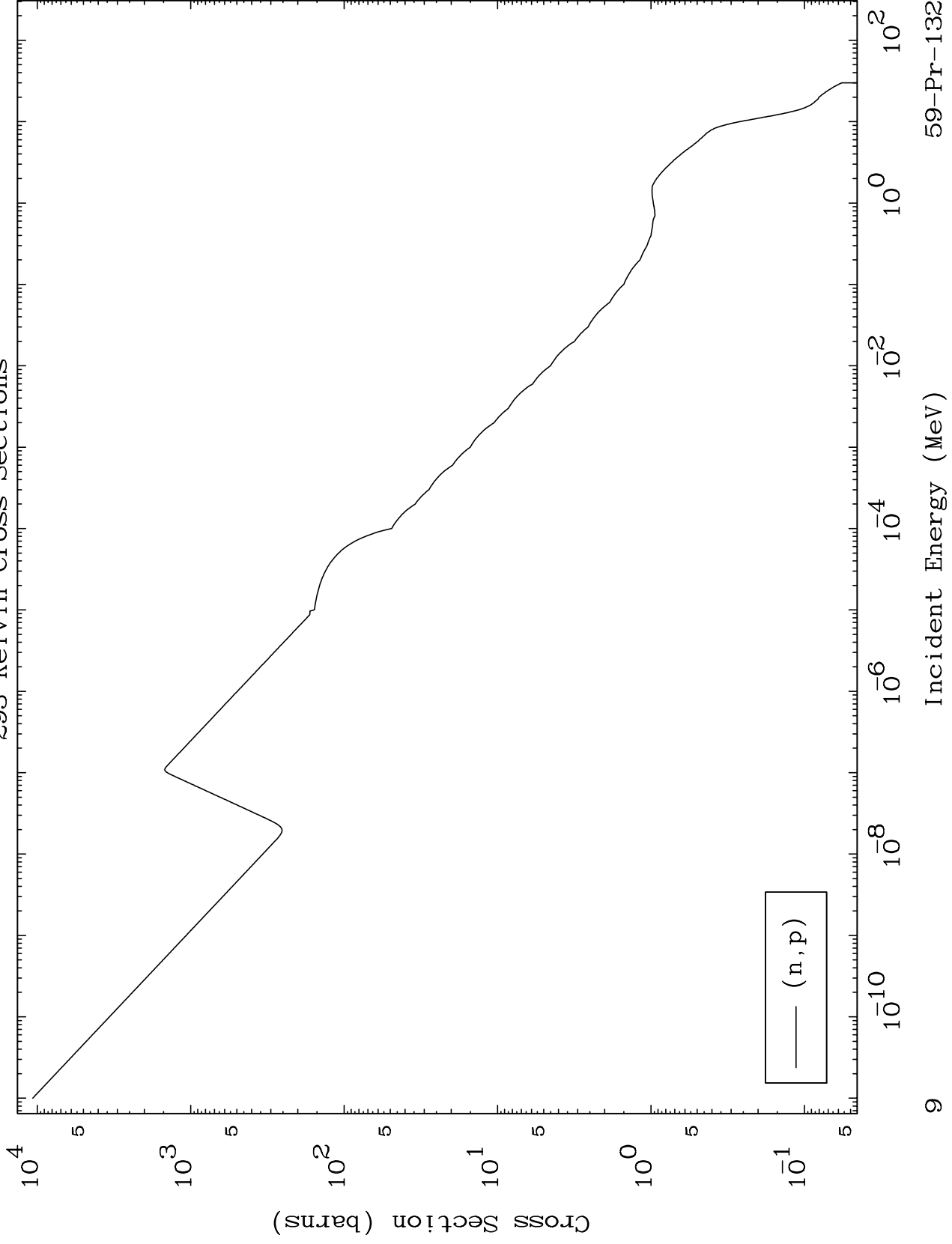
293 Kelvin Cross Sections



MAT 5898

(n,p) Levels
293 Kelvin Cross Sections

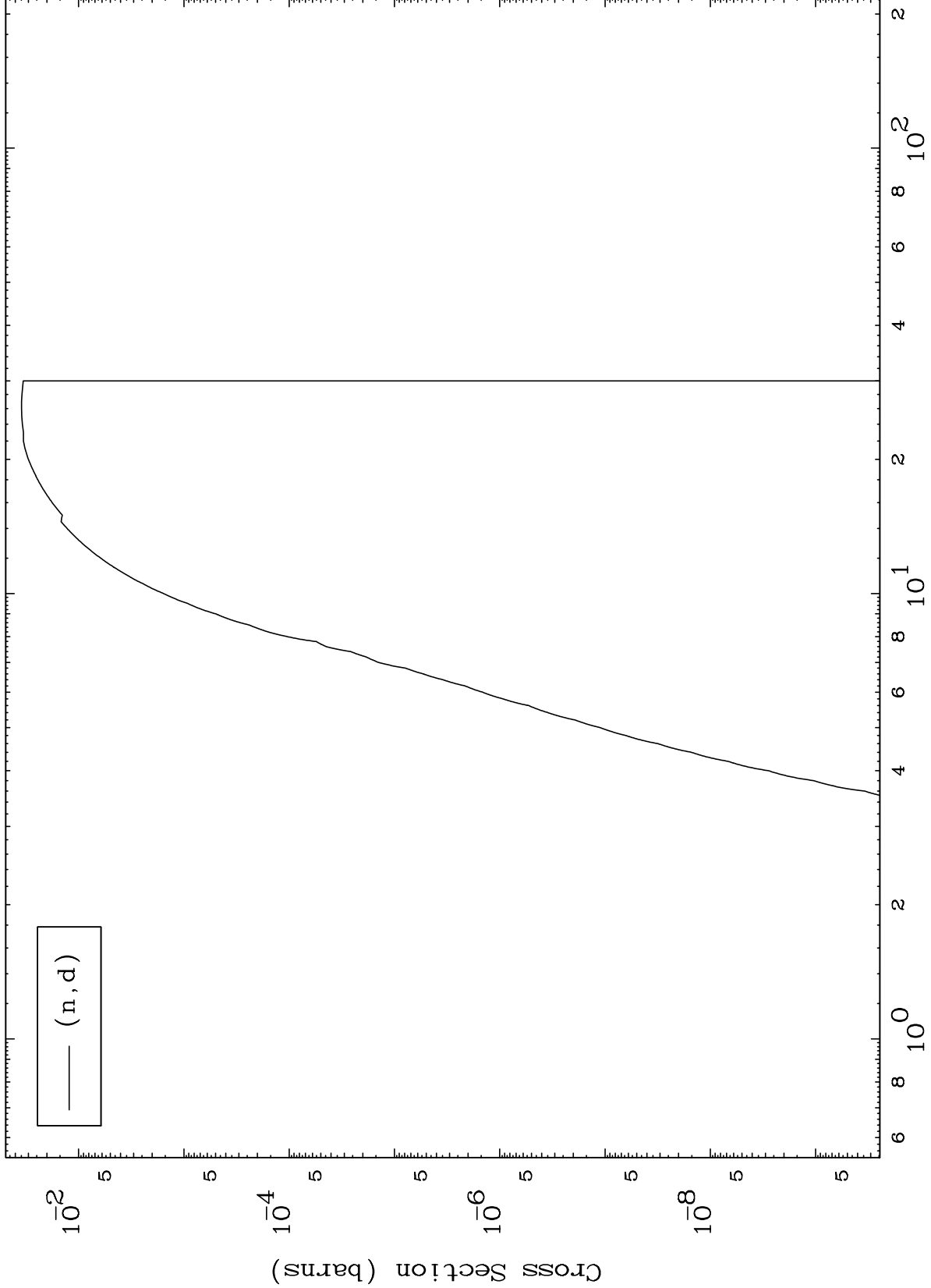
59-Pr-132



MAT 5898

(n,d) Levels
293 Kelvin Cross Sections

59-Pr-132



10

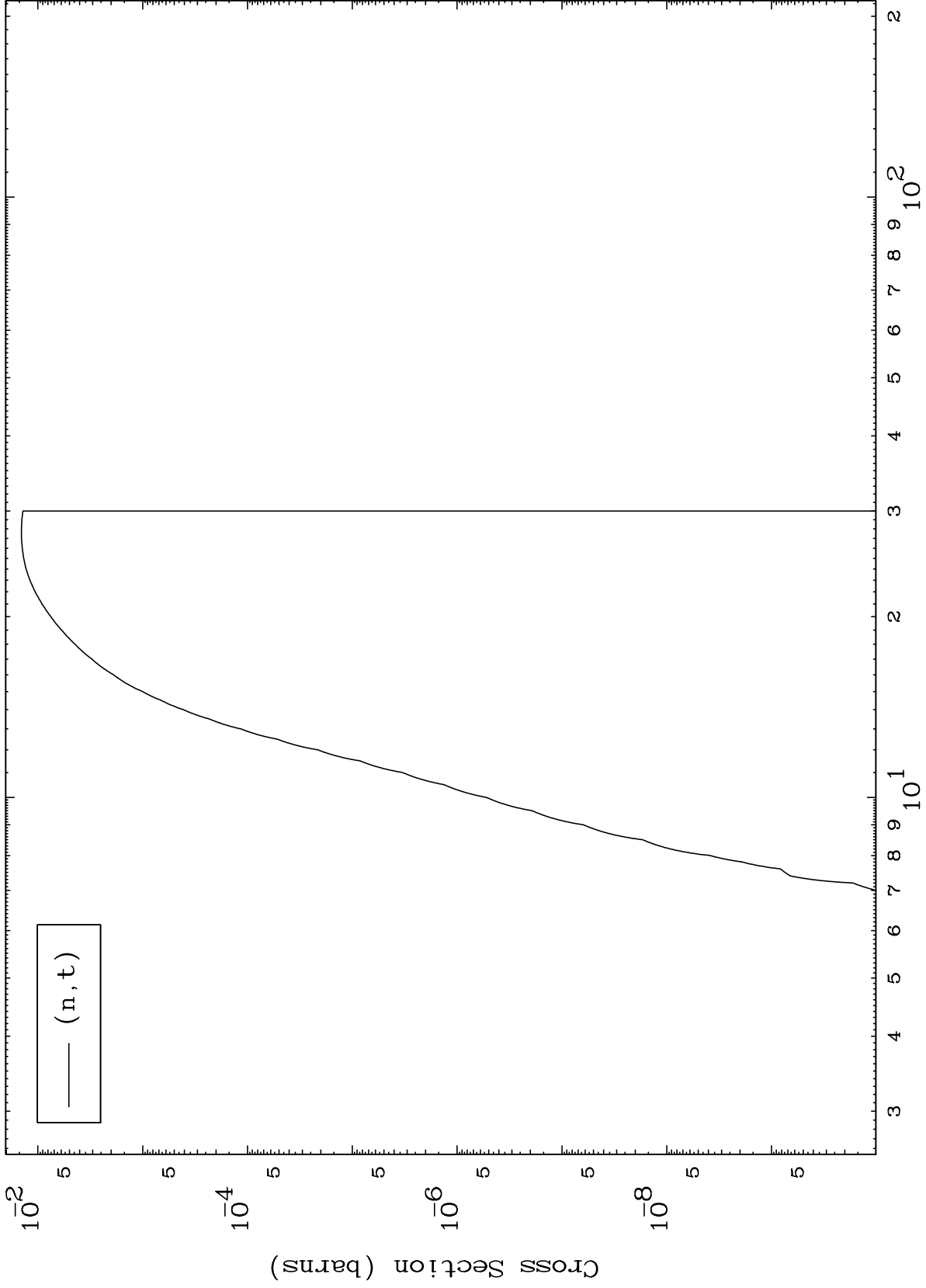
Incident Energy (MeV)

59-Pr-132

MAT 5898

(n,t) Levels
293 Kelvin Cross Sections

59-Pr-132



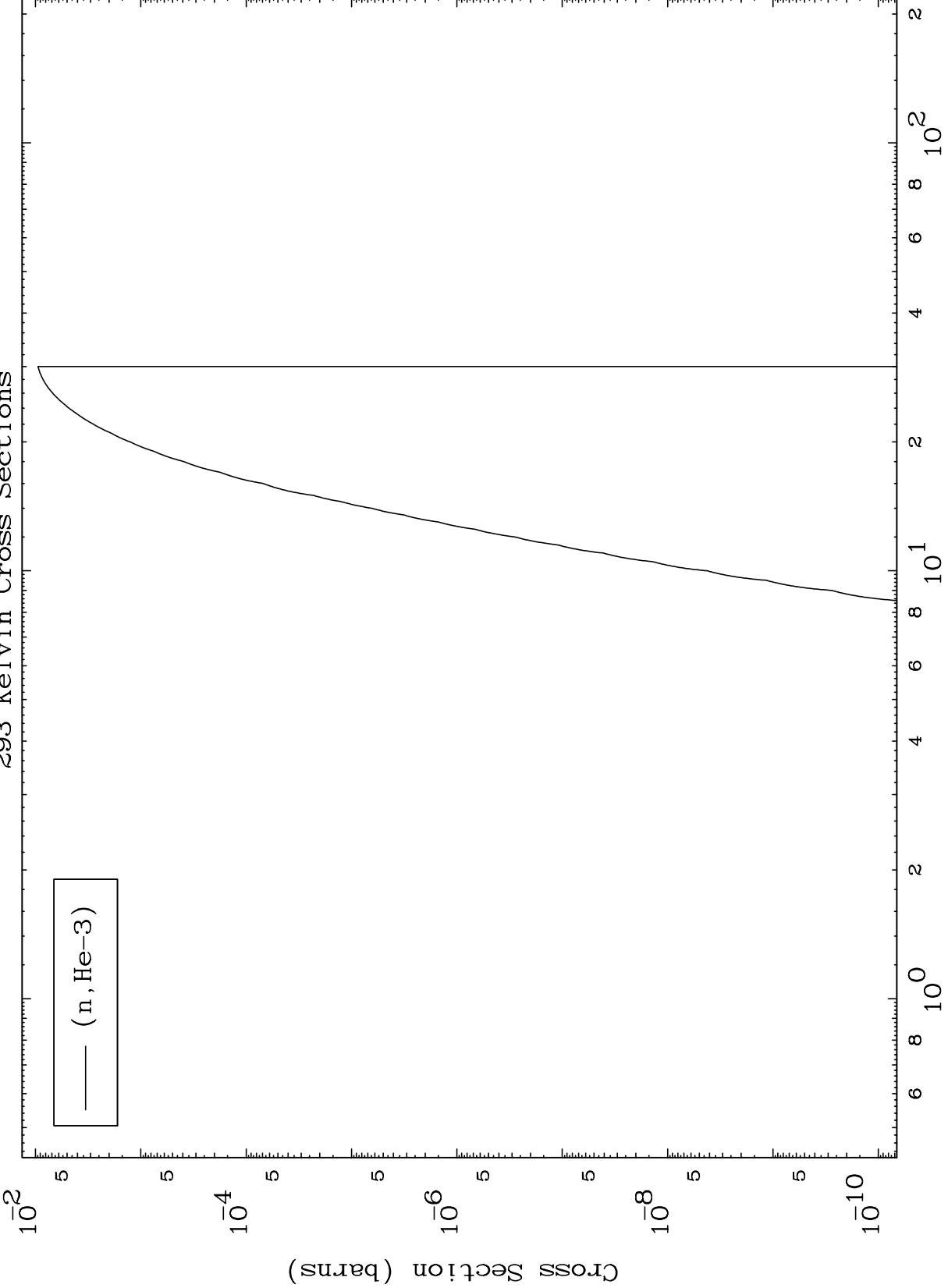
(n,t)

MAT 5898

(n,He3) Levels

59-Pr-132

293 Kelvin Cross Sections



12

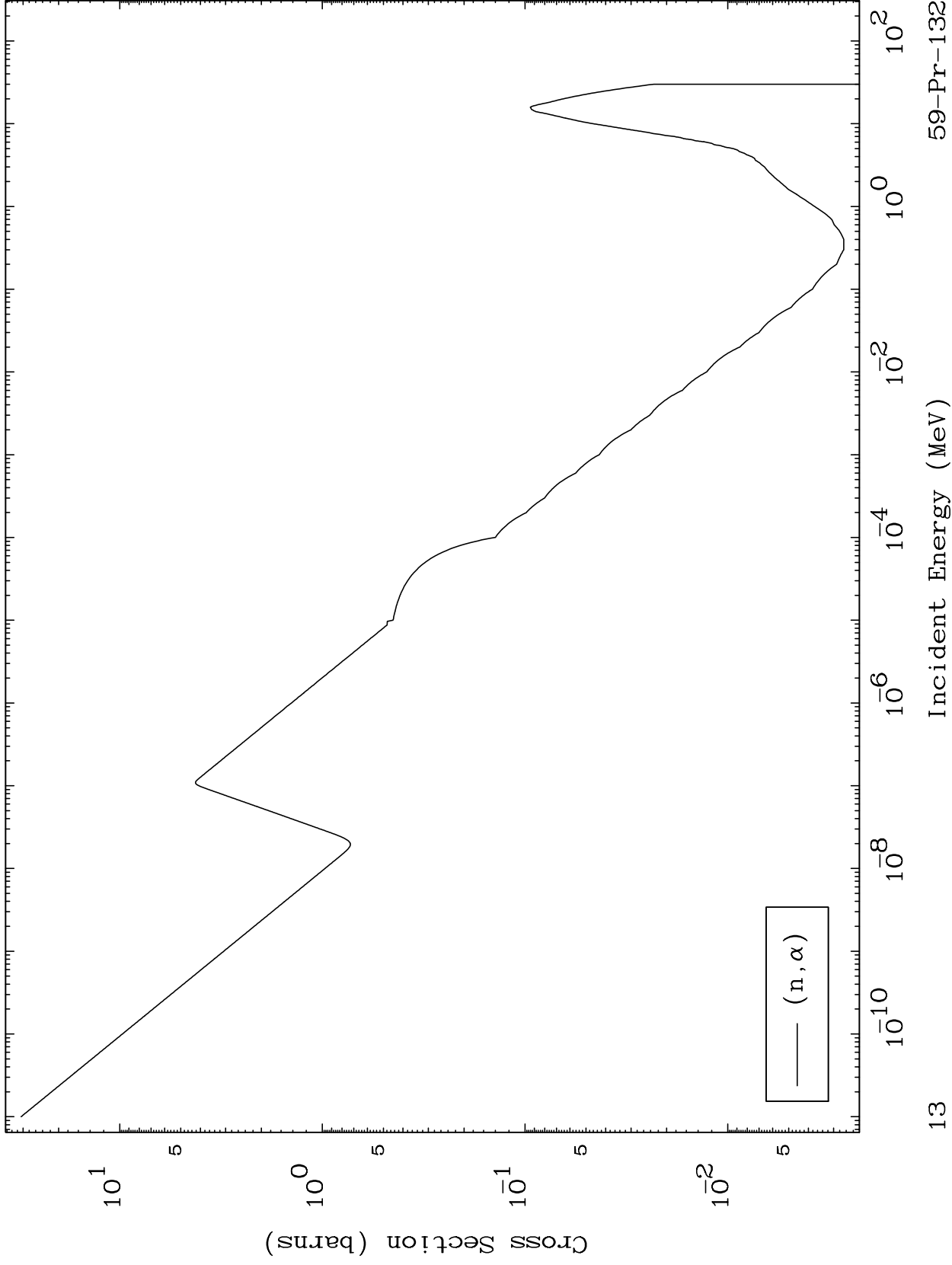
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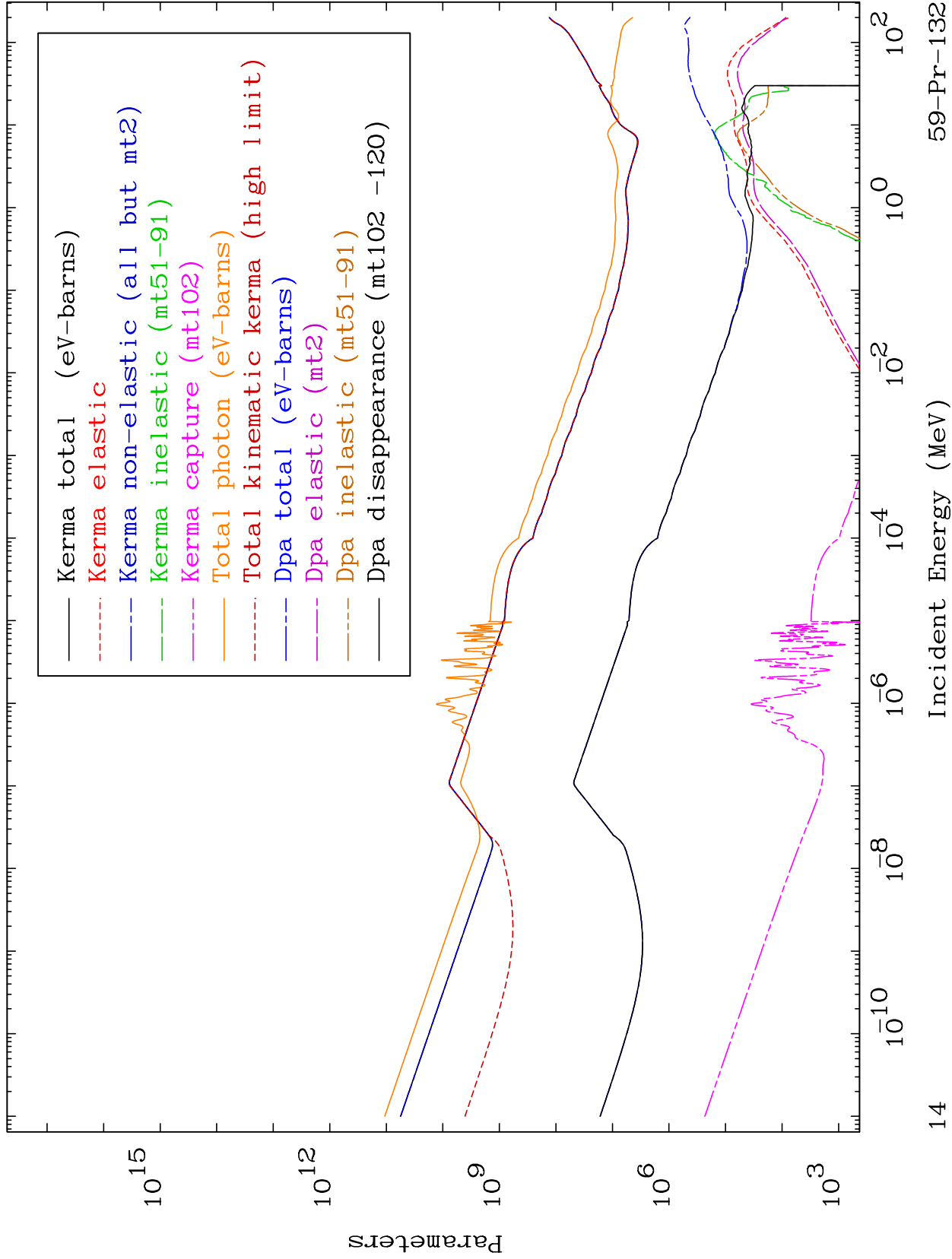
59-Pr-132

MAT 5898

(n,α) Levels
293 Kelvin Cross Sections

59-Pr-132

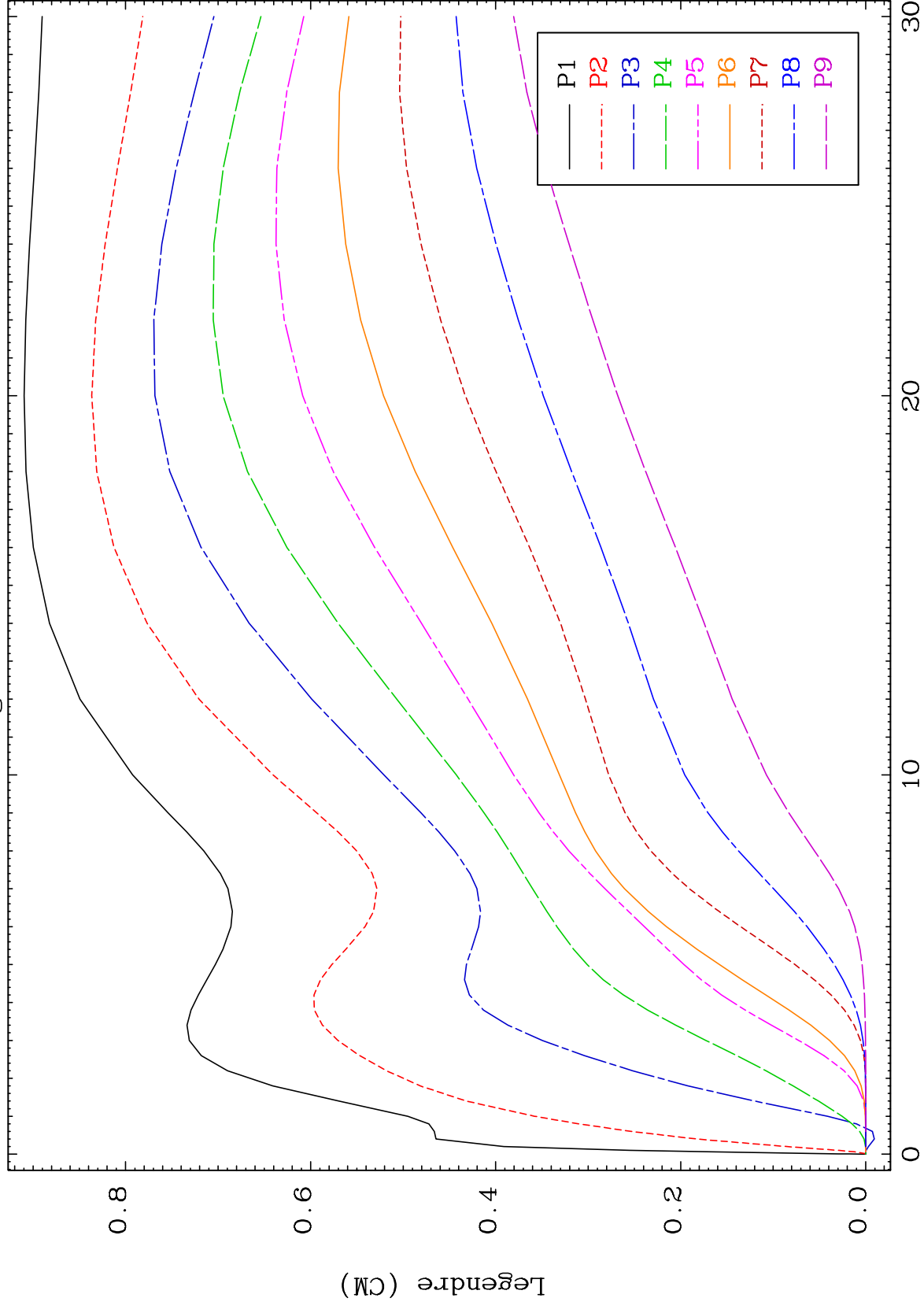




MAT 5898

Elastic Legendre Coefficients

59-Pr-132



15

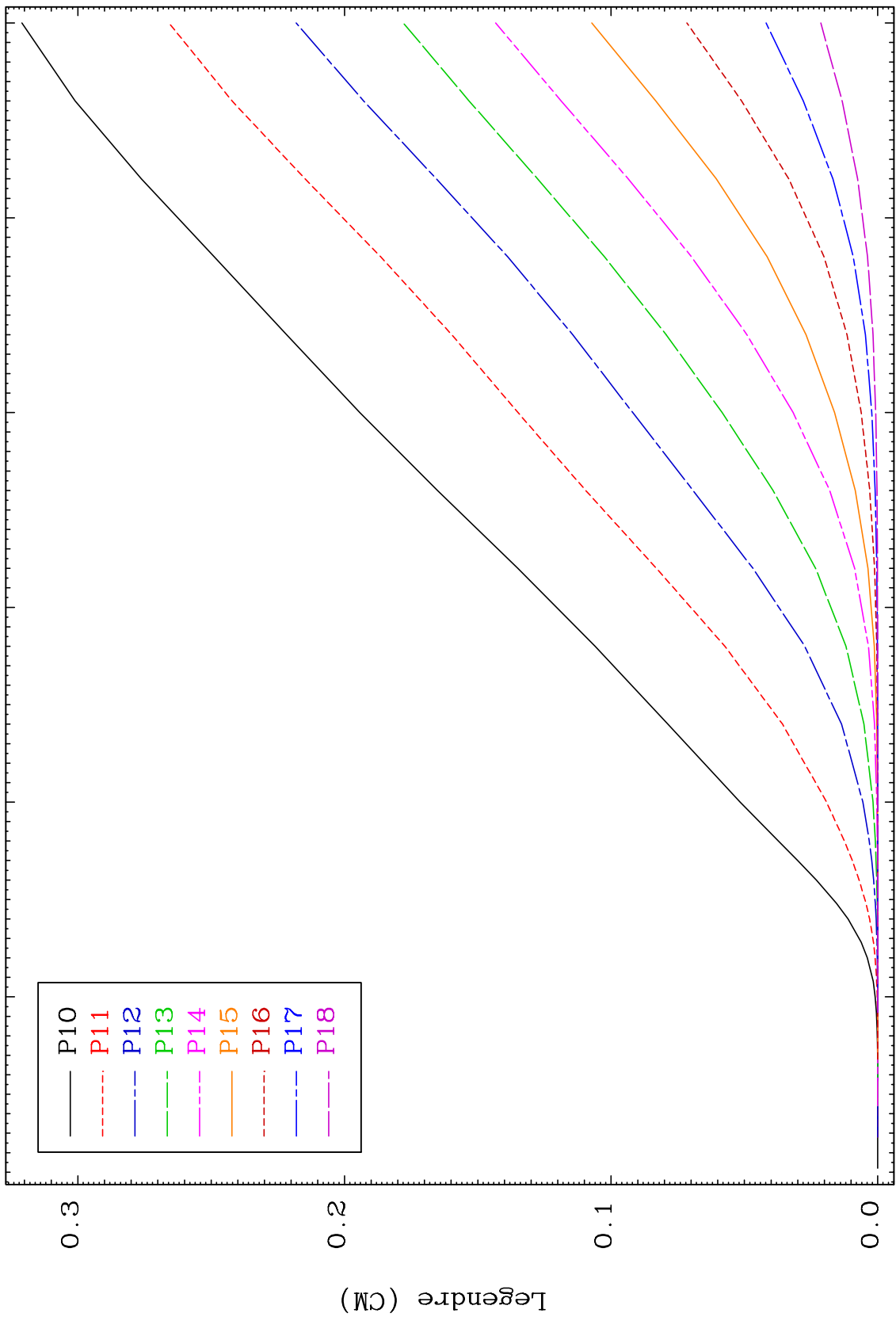
Incident Energy (MeV)

59-Pr-132

MAT 5898

Elastic
Legendre Coefficients

59-Pr-132



16

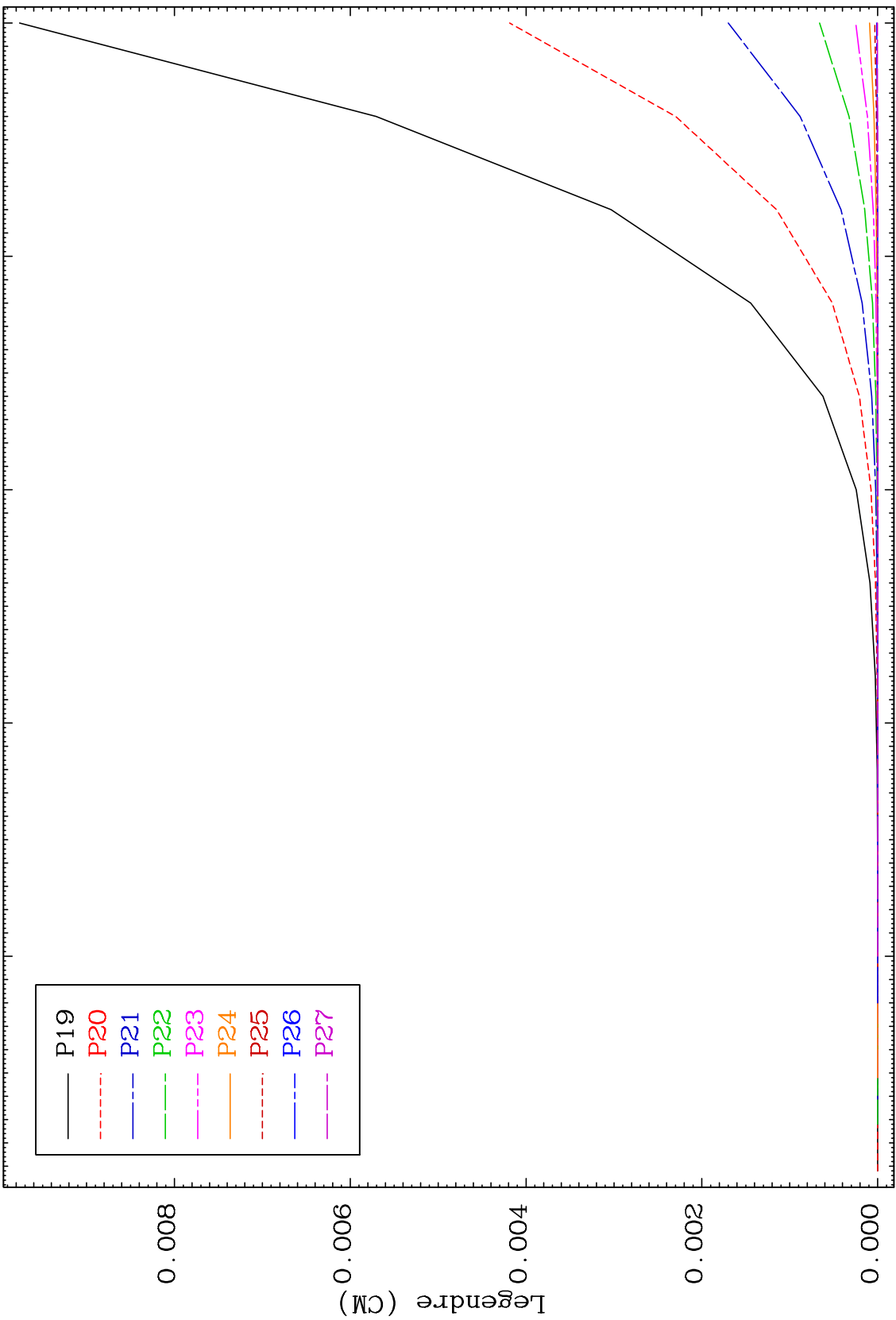
Incident Energy (MeV)

59-Pr-132

MAT 5898

Elastic Legendre Coefficients

59-Pr-132



17

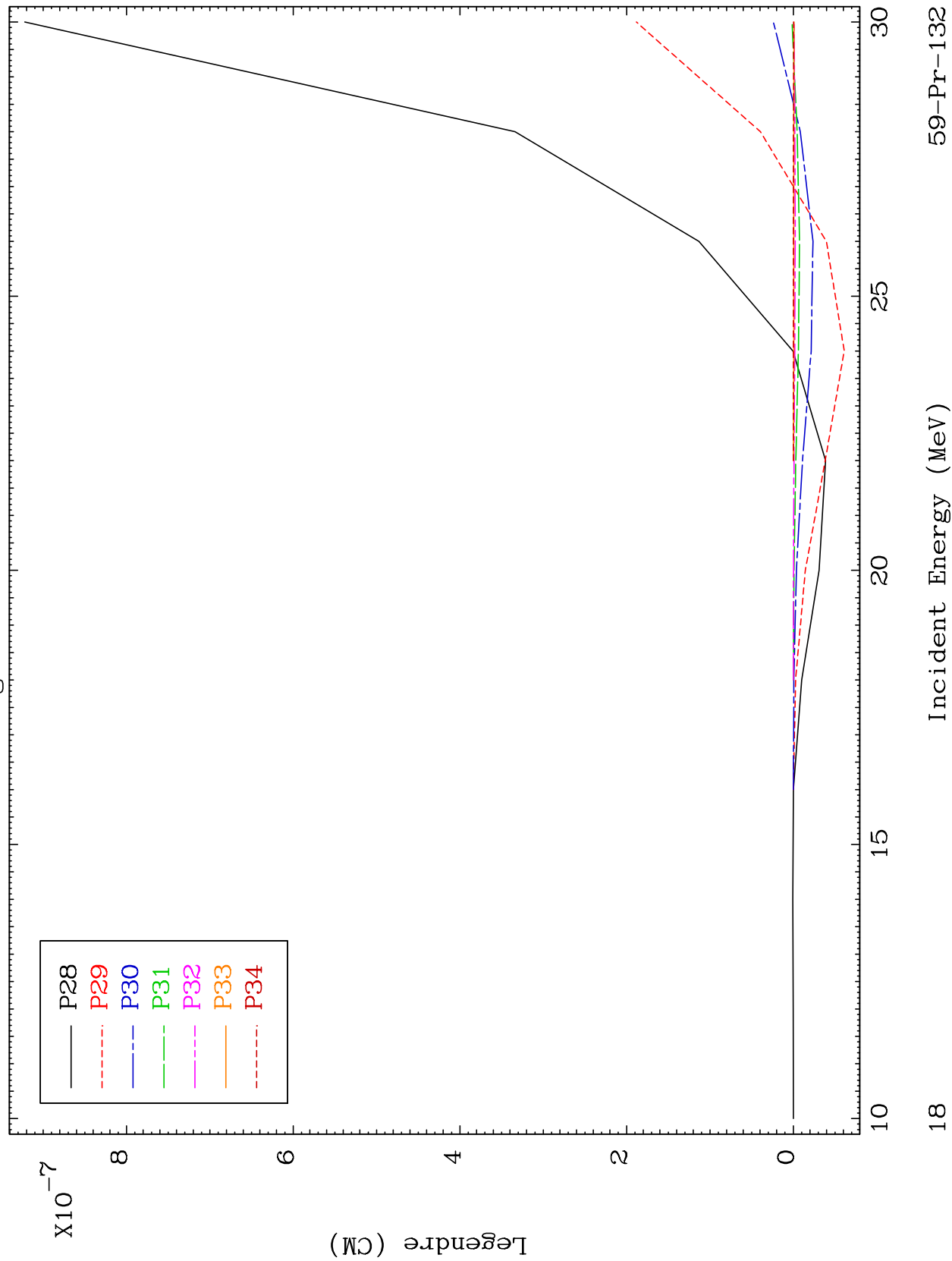
Incident Energy (MeV)

59-Pr-132

MAT 5898

Elastic Legendre Coefficients

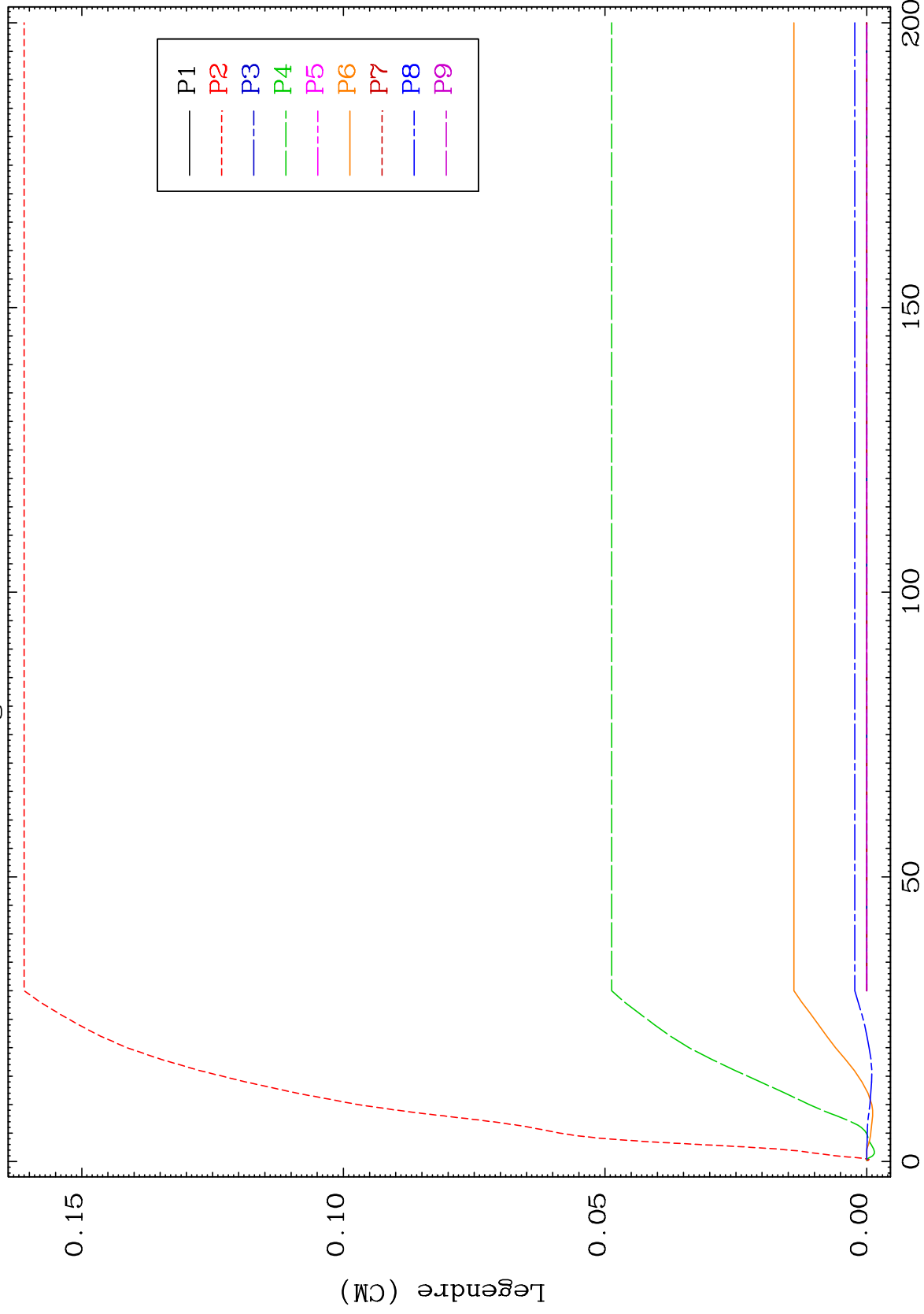
59-Pr-132



MAT 5898

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

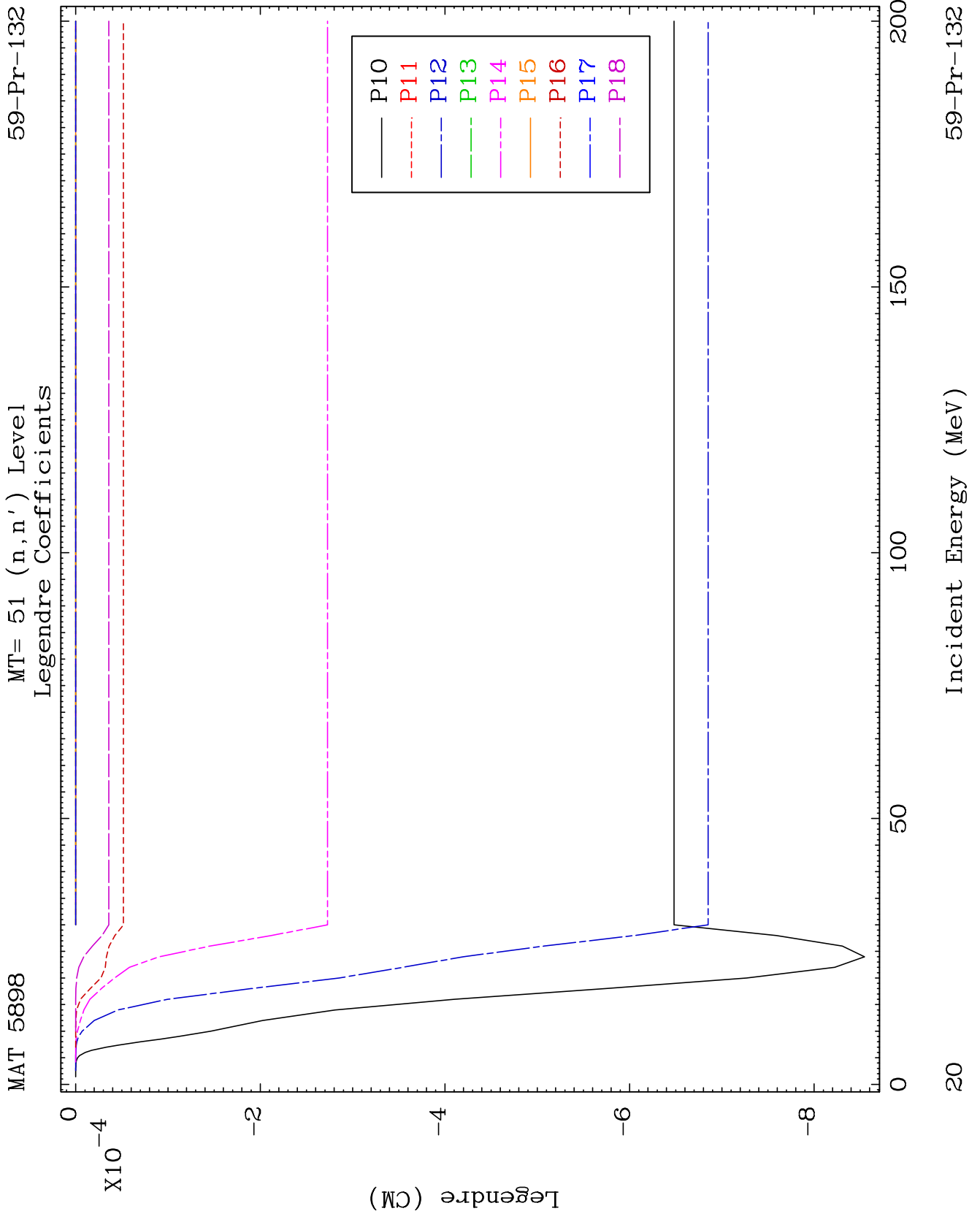
59-Pr-132



19

Incident Energy (MeV)

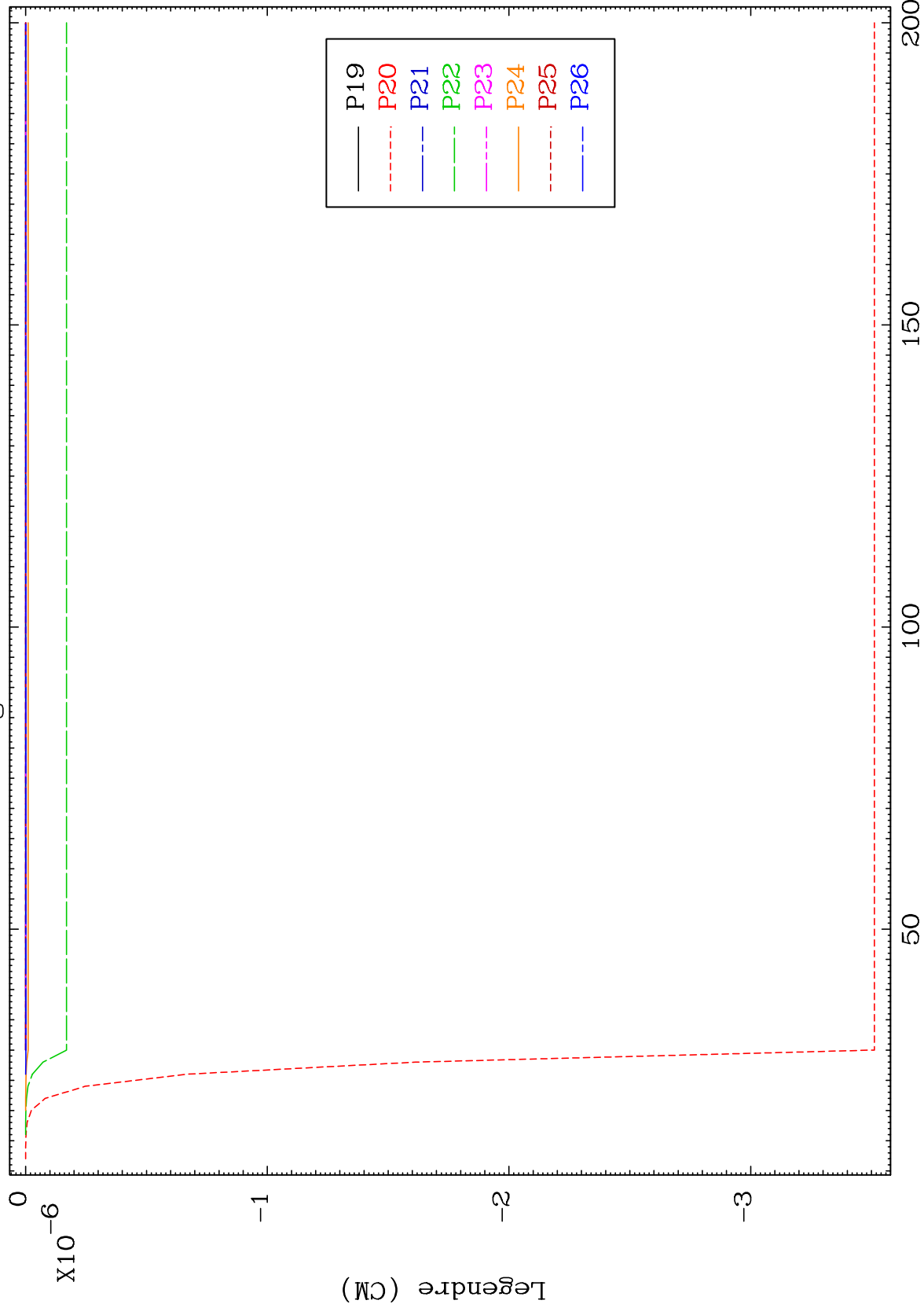
59-Pr-132



MAT 5898

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

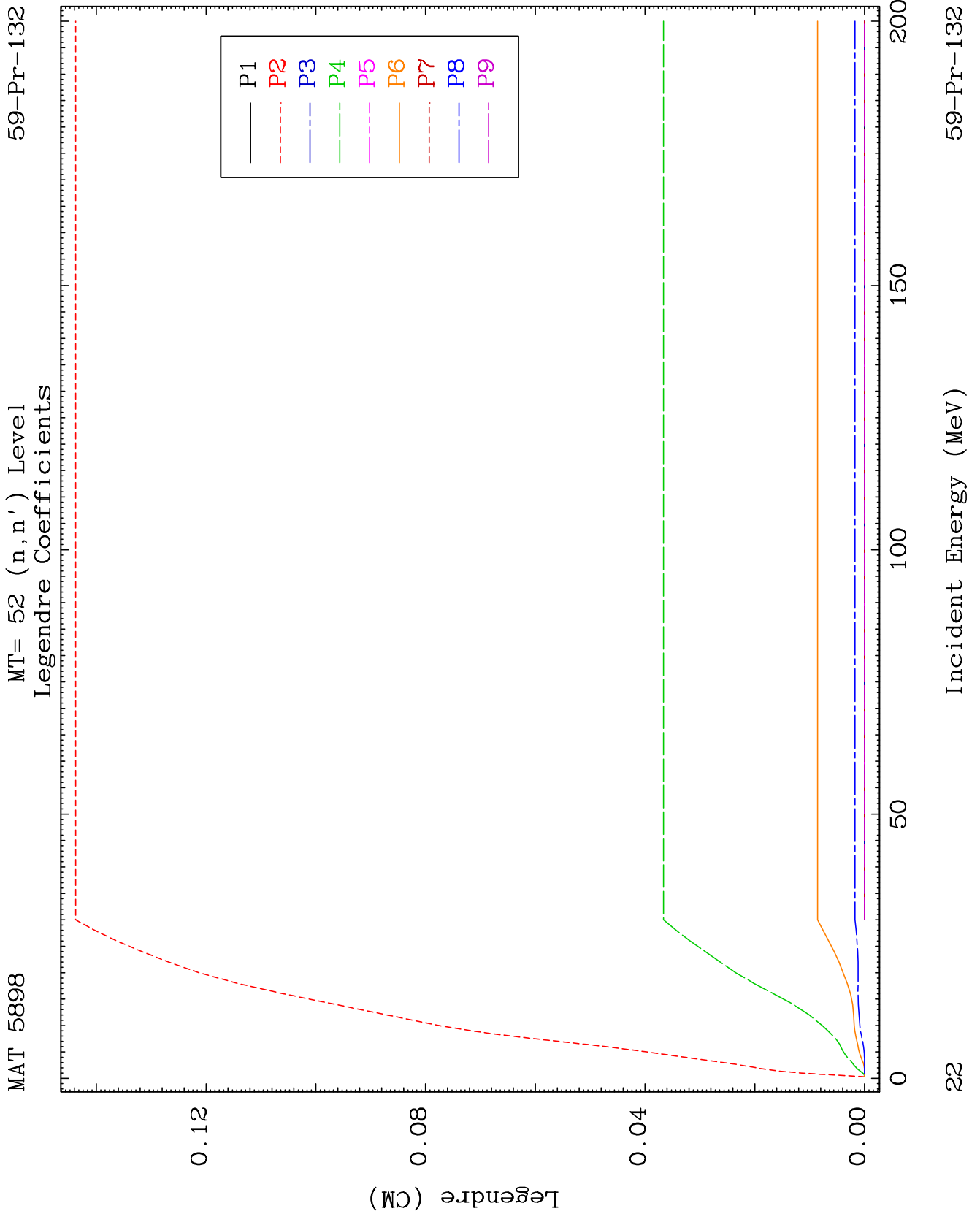
59-Pr-132



21

Incident Energy (MeV)

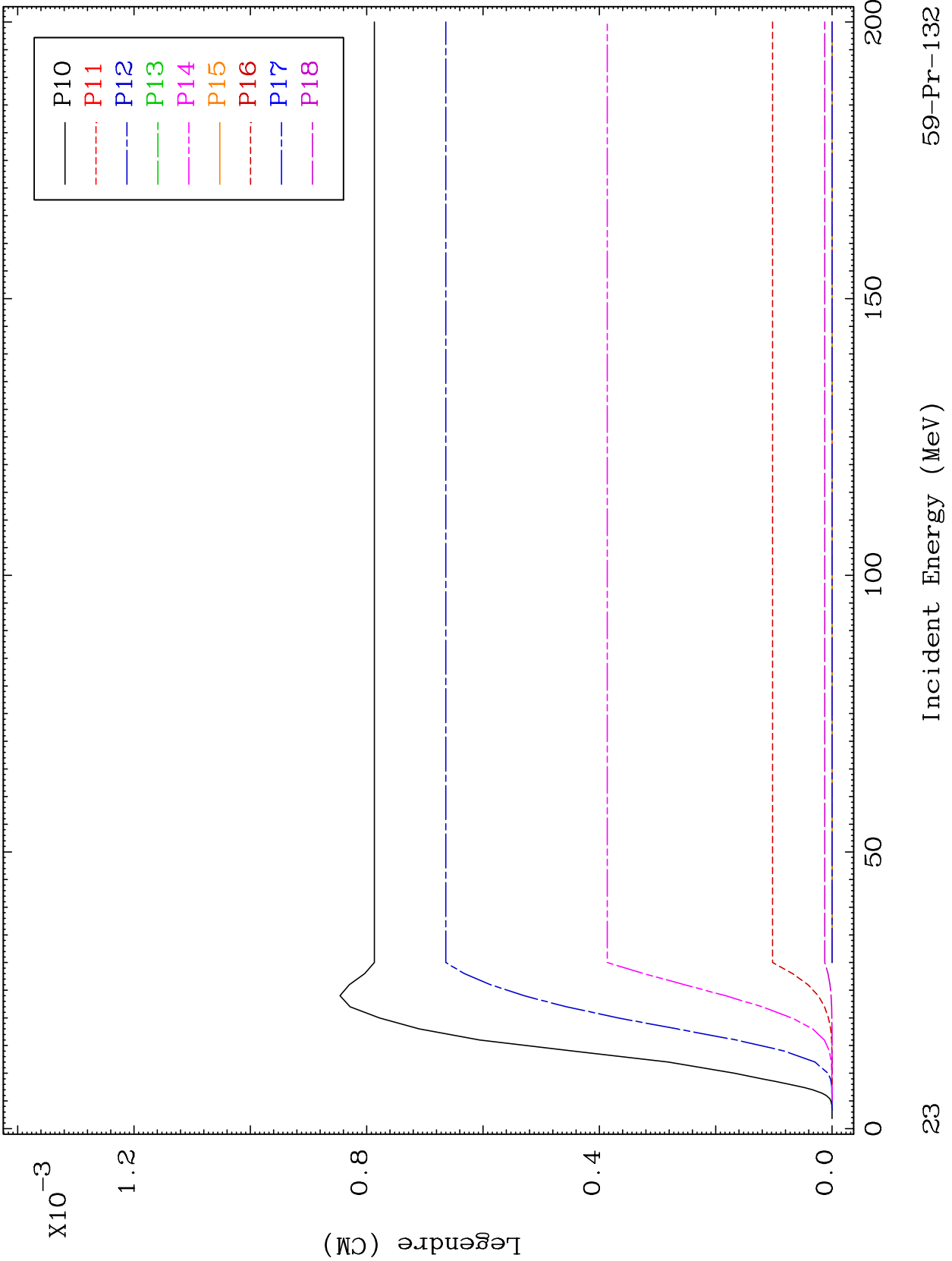
59-Pr-132



MAT 5898

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

59-Pr-132



59-Pr-132

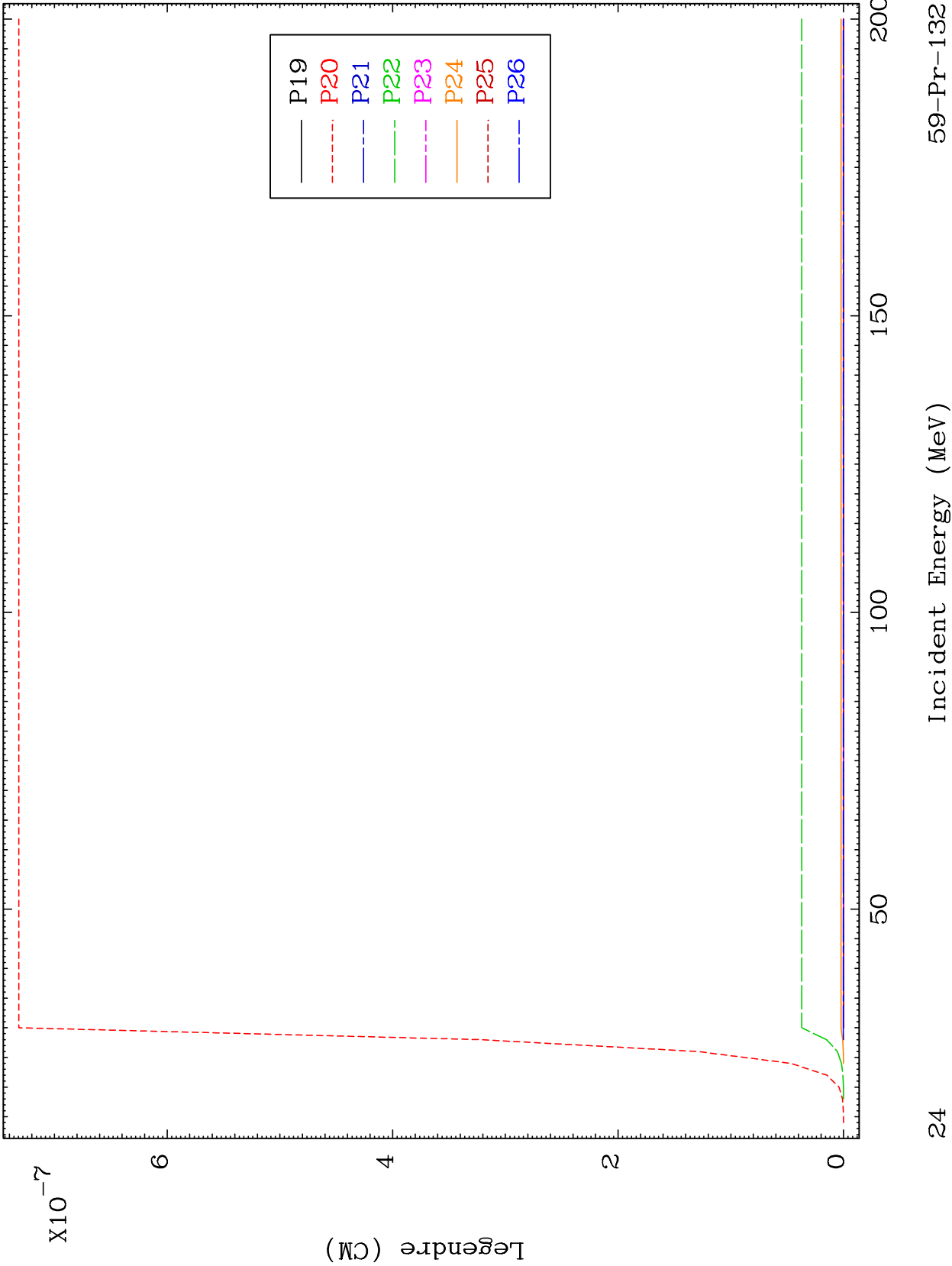
Incident Energy (MeV)

23

MAT 5898

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

59-Pr-132



24

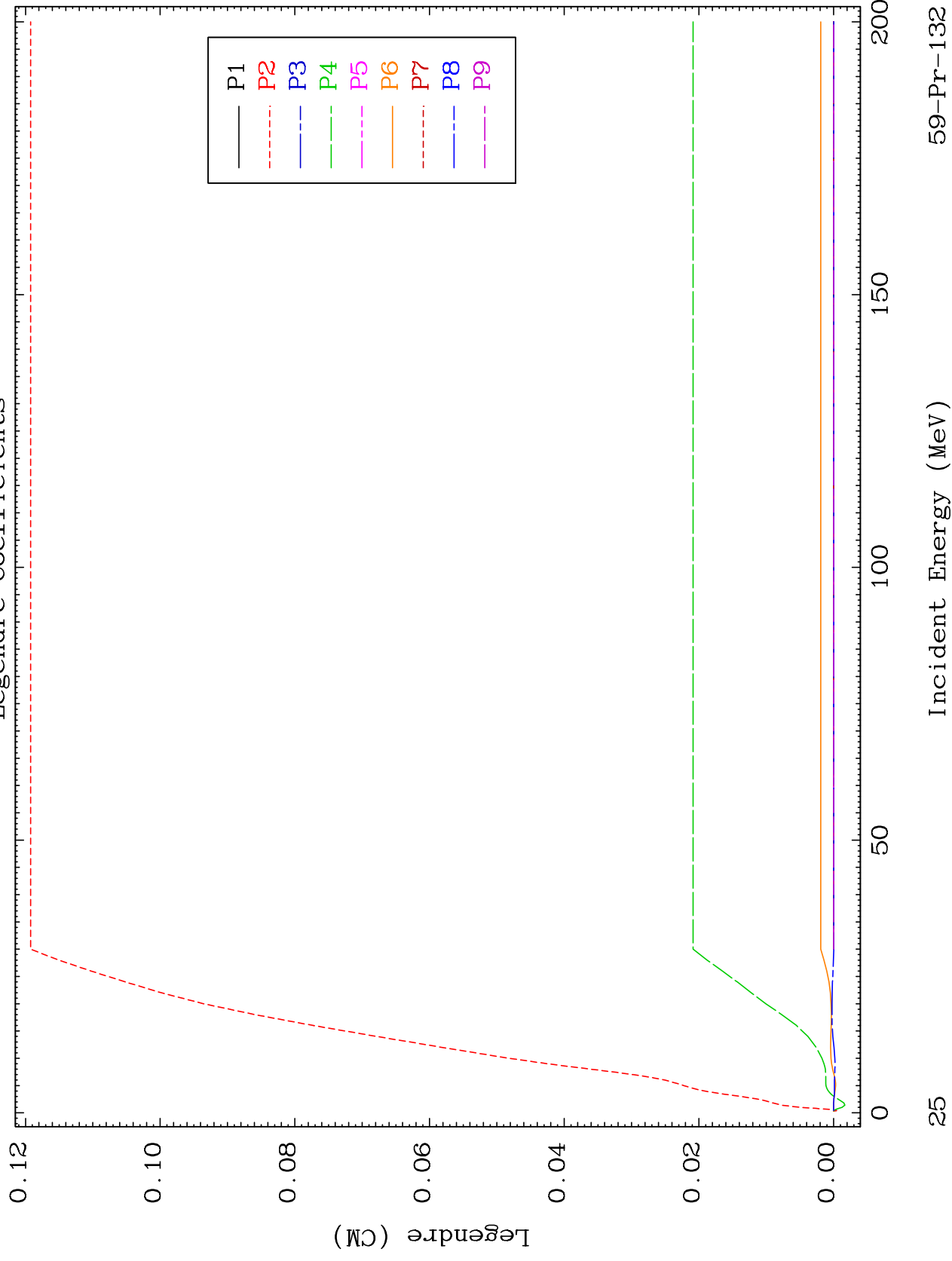
Incident Energy (MeV)

59-Pr-132

MAT 5898

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

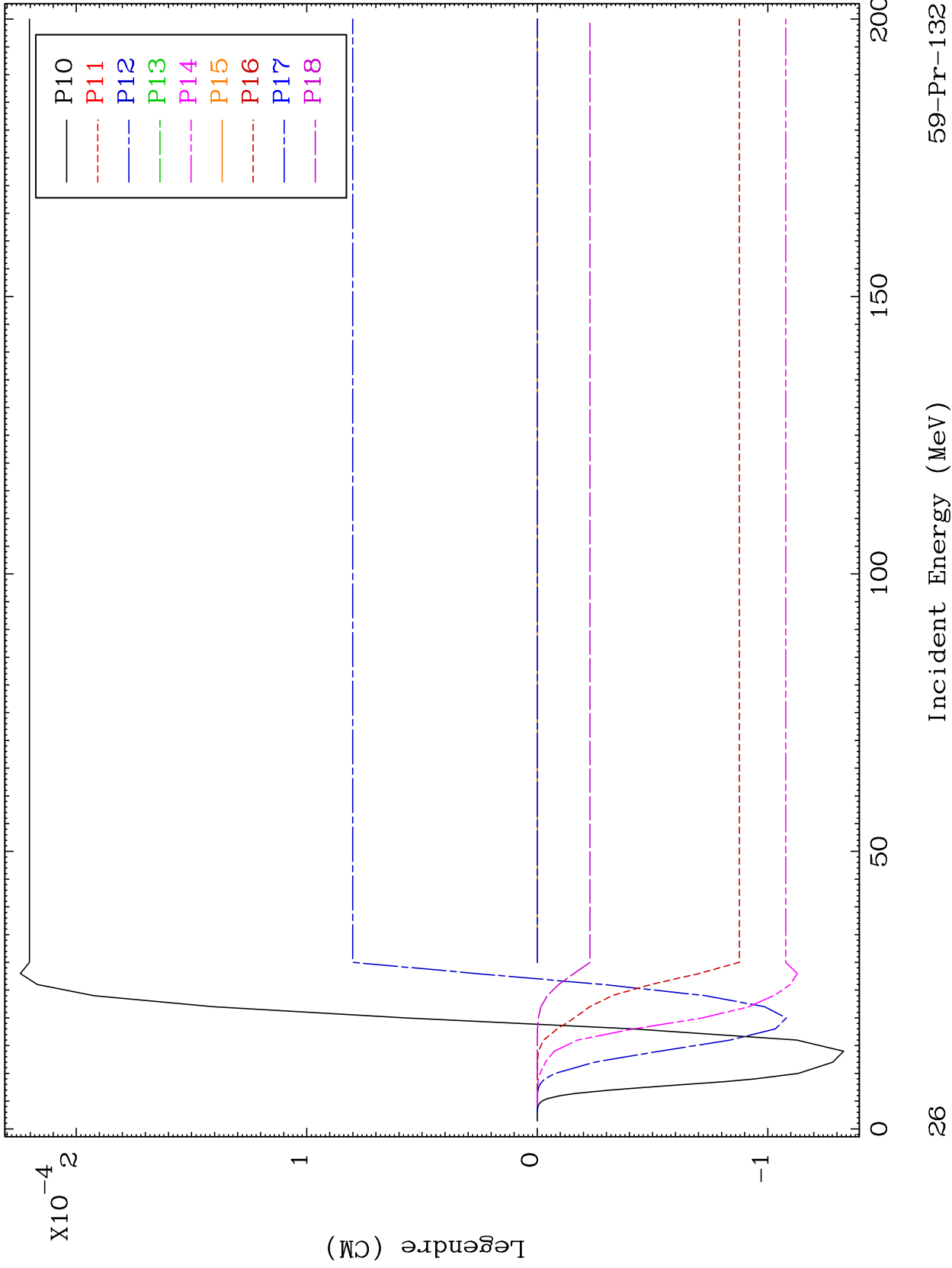
59-Pr-132



59-Pr-132

Incident Energy (MeV)

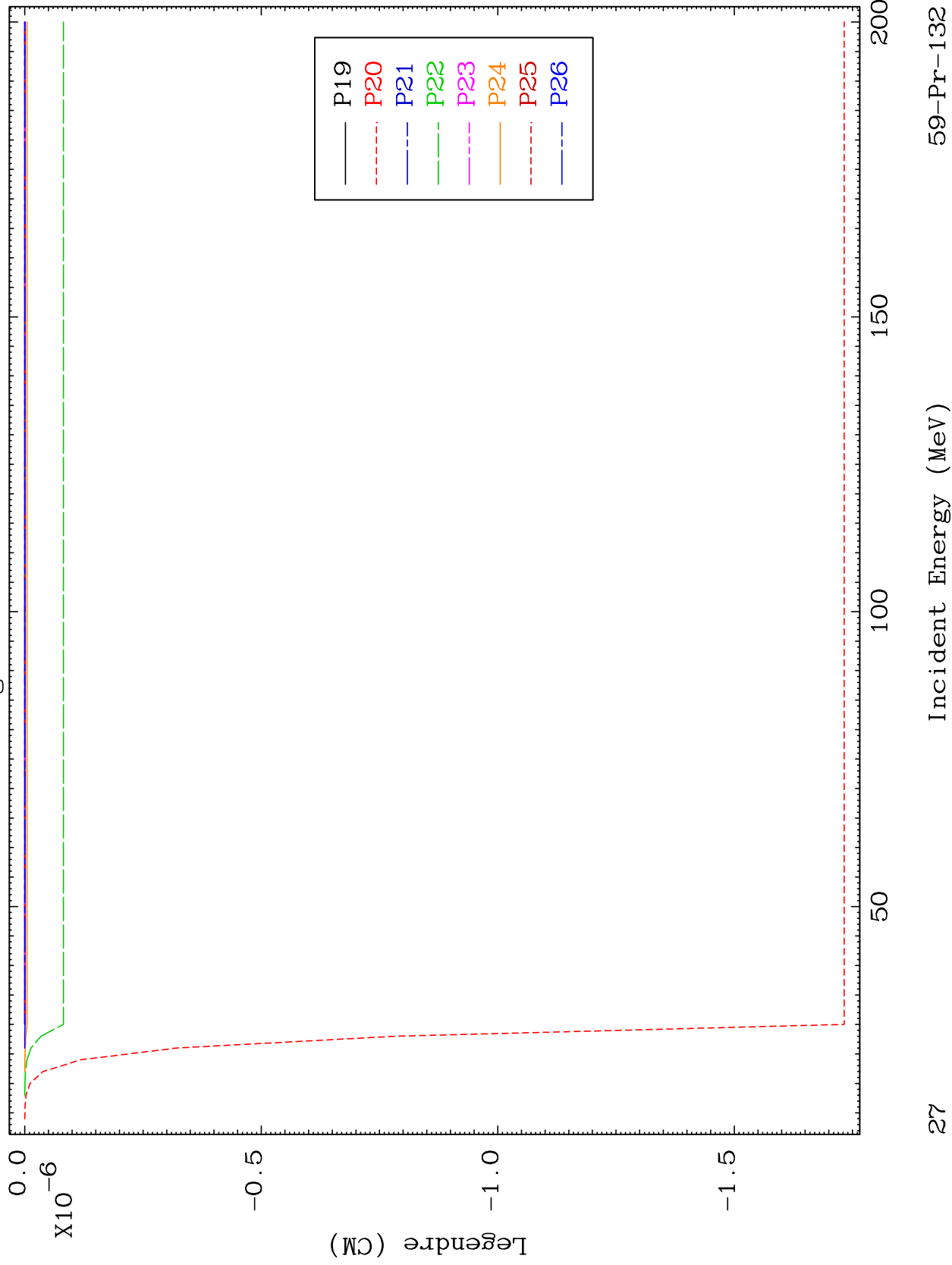
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MAT 5898

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

59-Pr-132



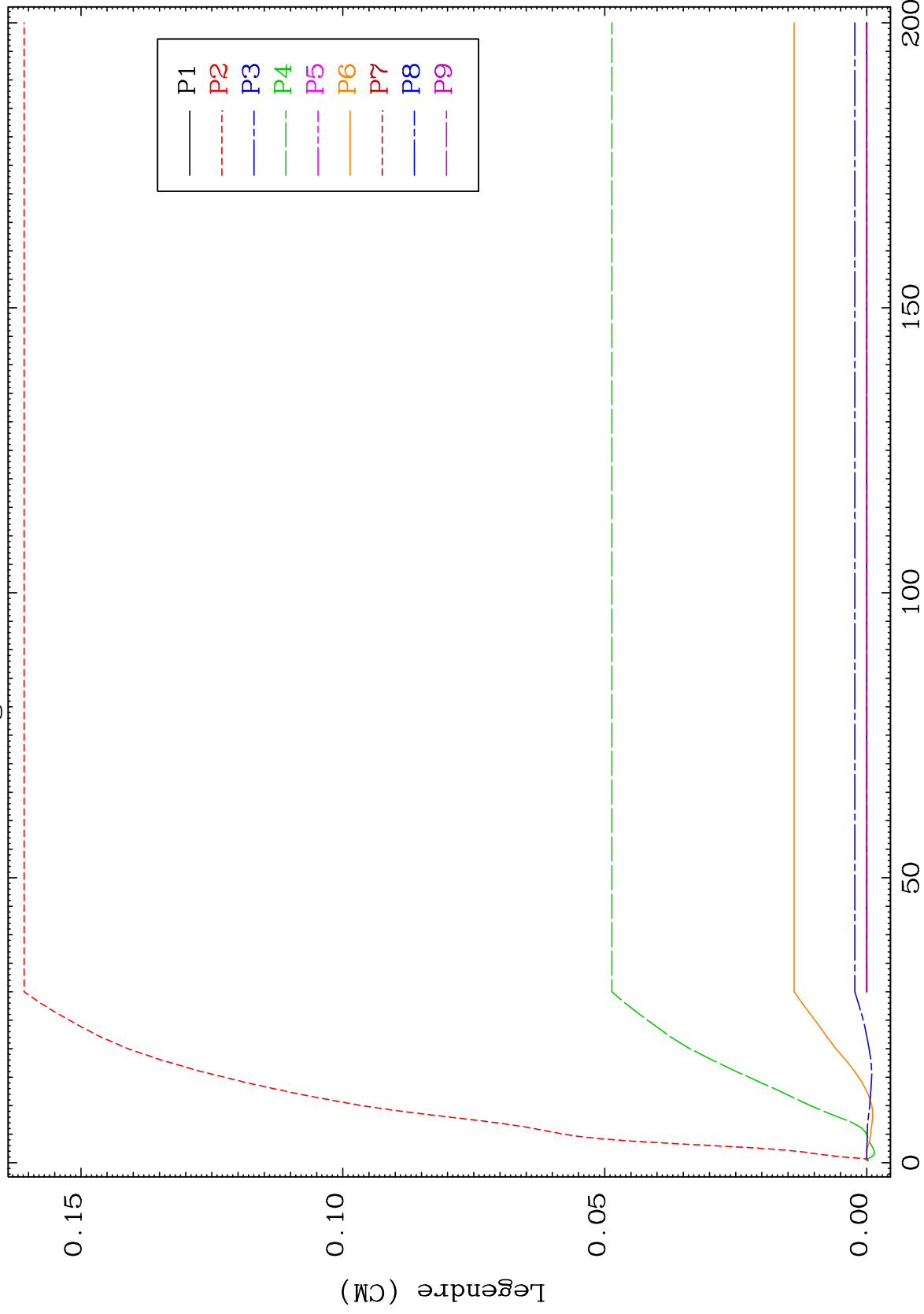
27

59-Pr-132

MAT 5898

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

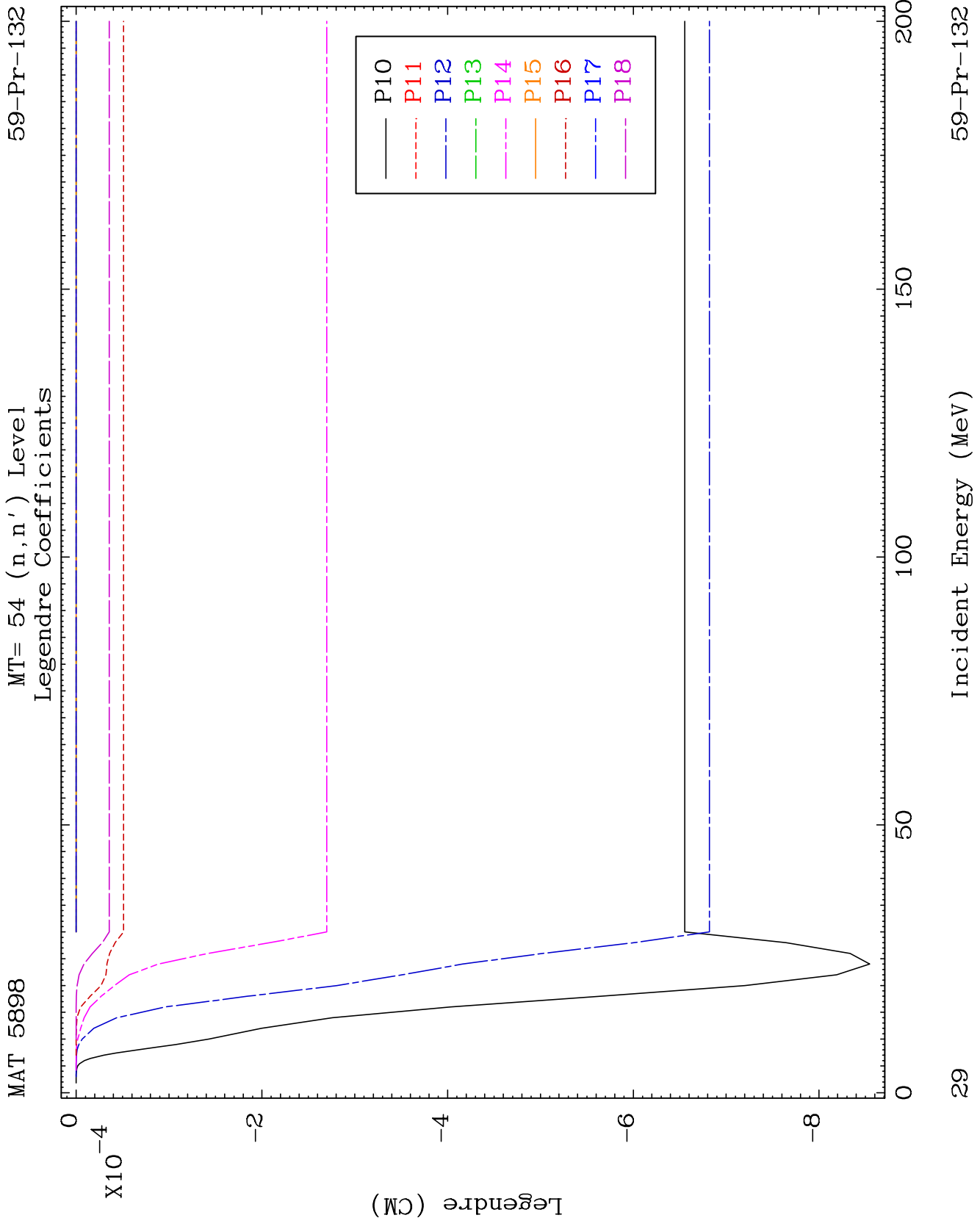
59-Pr-132



28

Incident Energy (MeV)

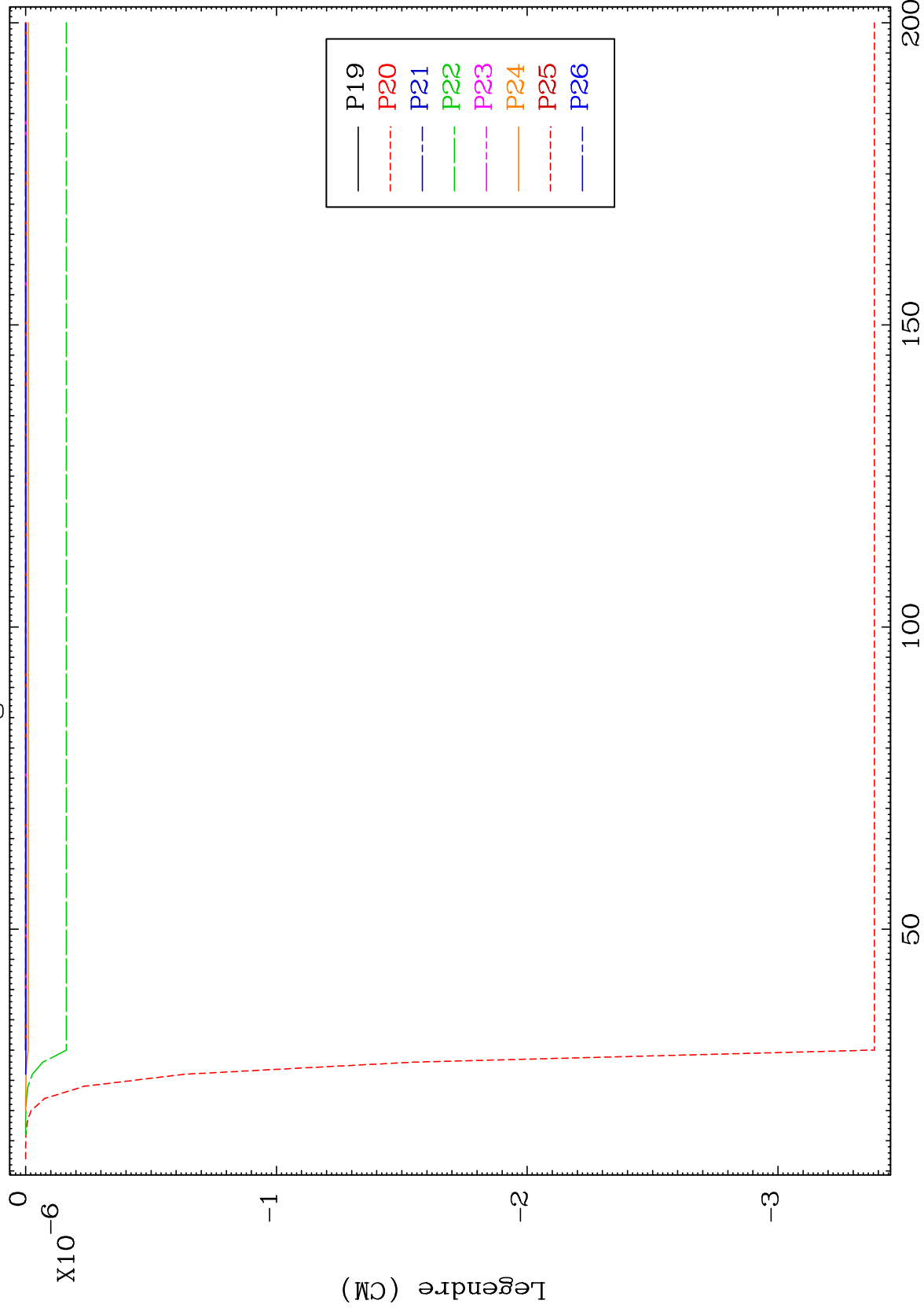
59-Pr-132



MAT 5898

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

59-Pr-132



30

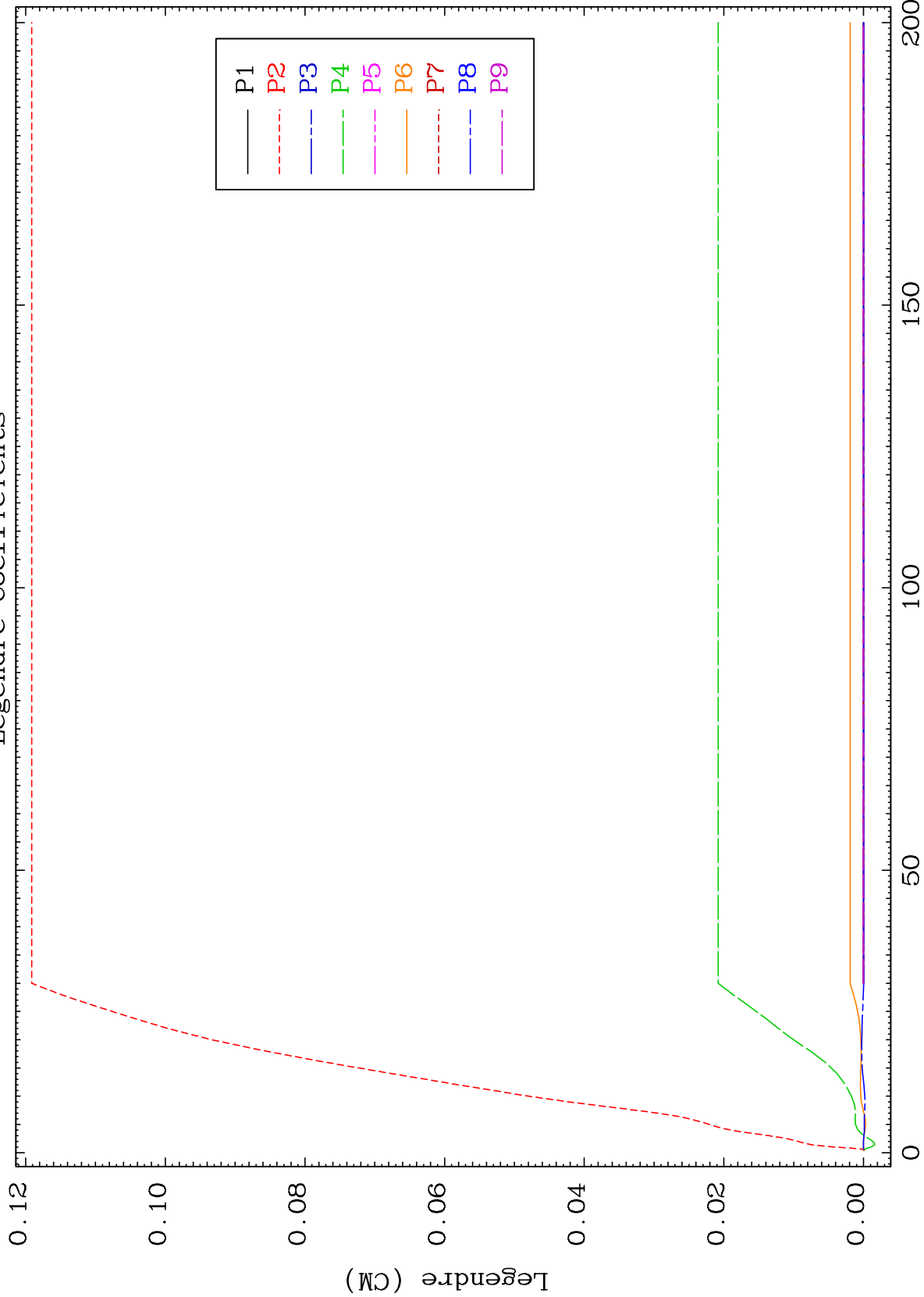
Incident Energy (MeV)

59-Pr-132

MAT 5898

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

59-Pr-132



31

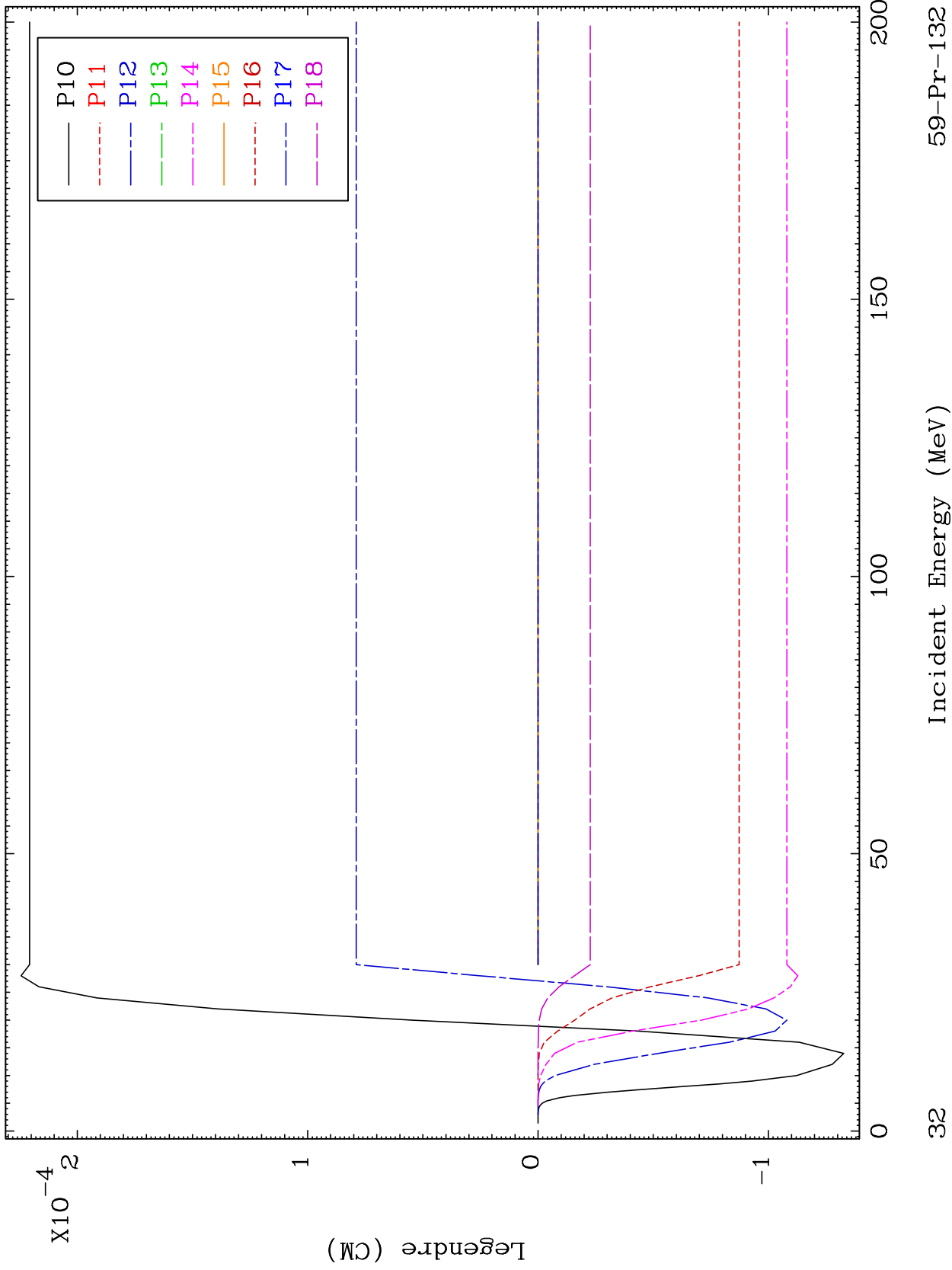
Incident Energy (MeV)

59-Pr-132

MAT 5898

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

59-Pr-132

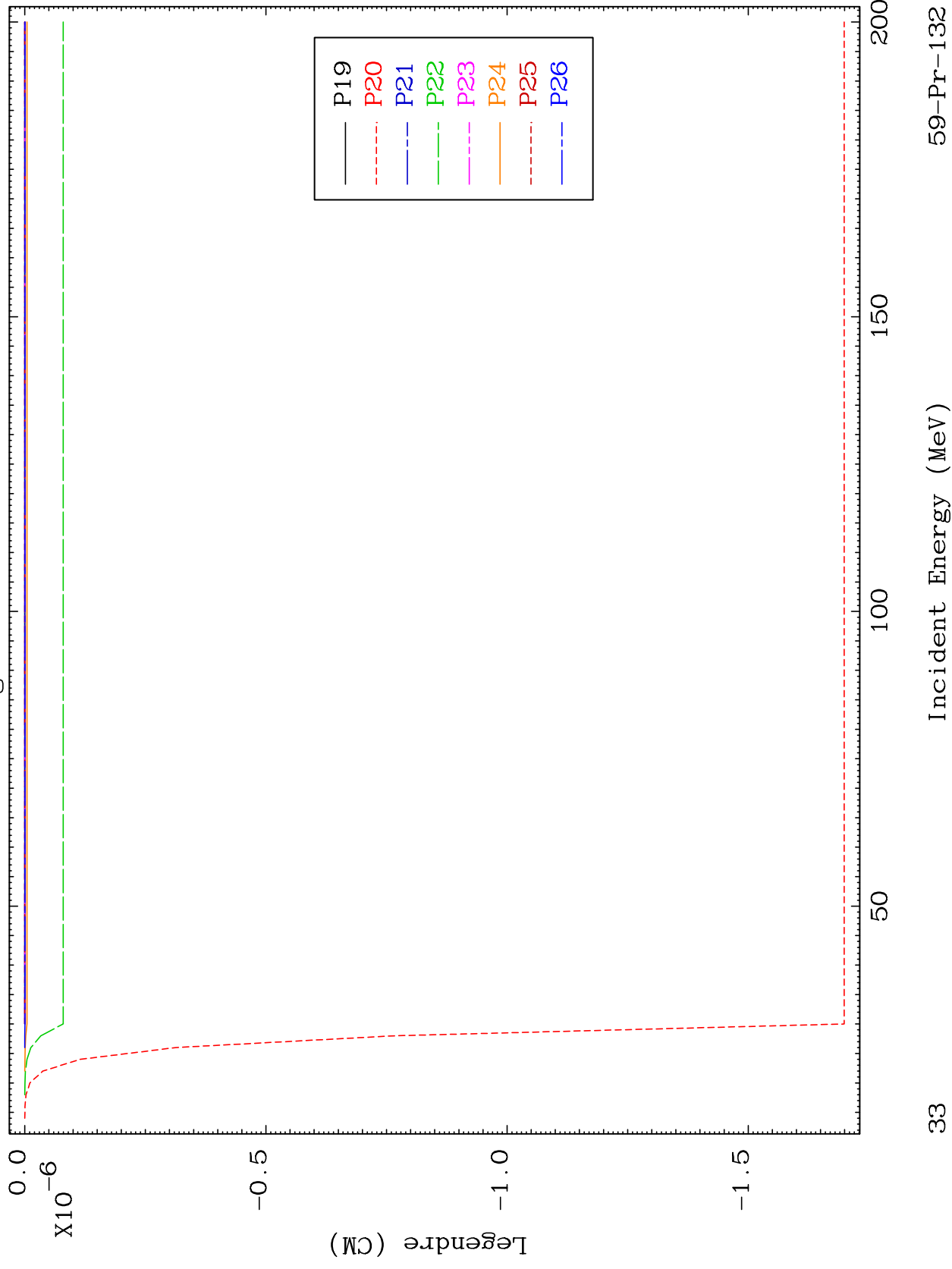


59-Pr-132

MAT 5898

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

59-Pr-132



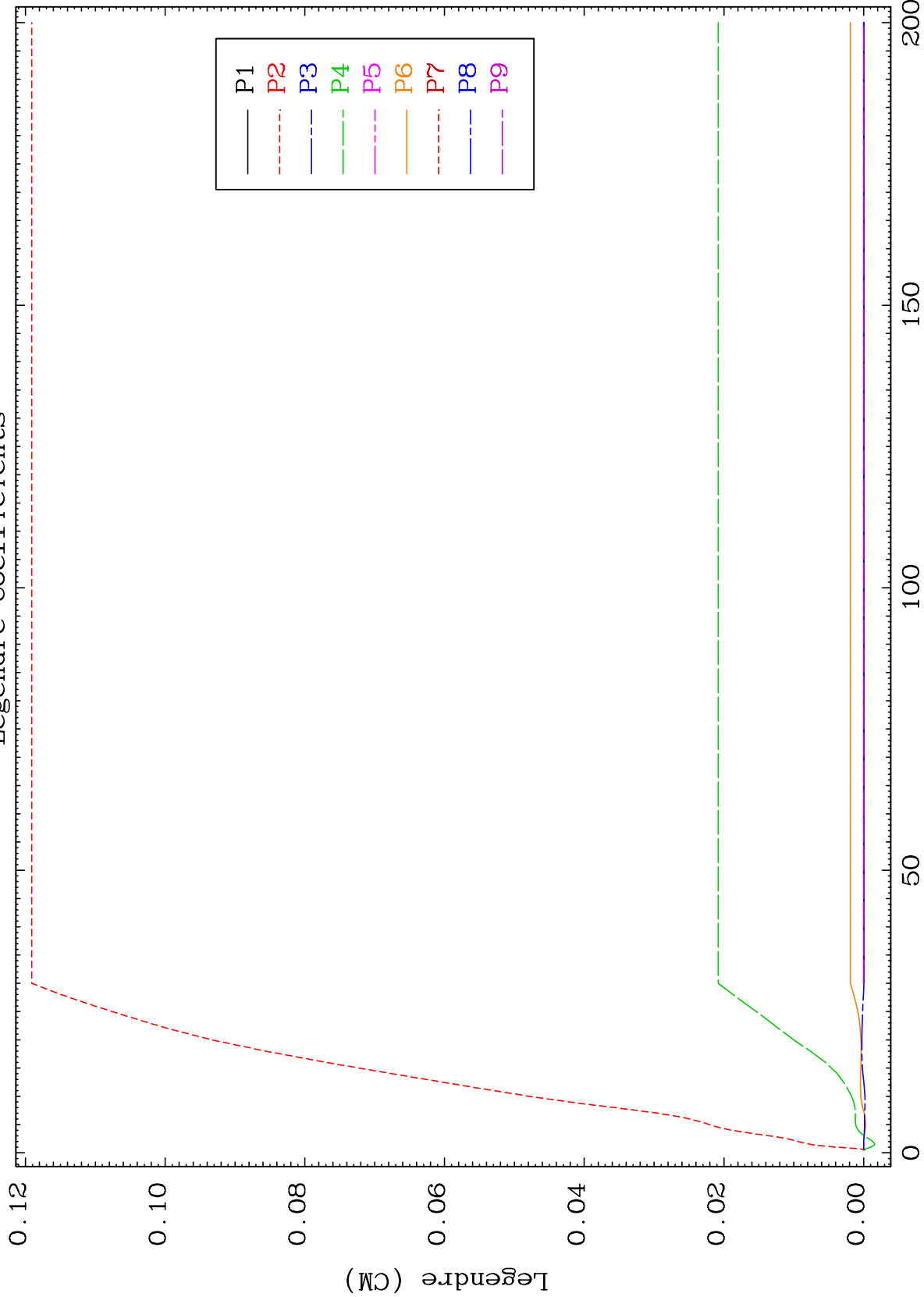
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59-Pr-132

MAT 5898

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

59-Pr-132



34

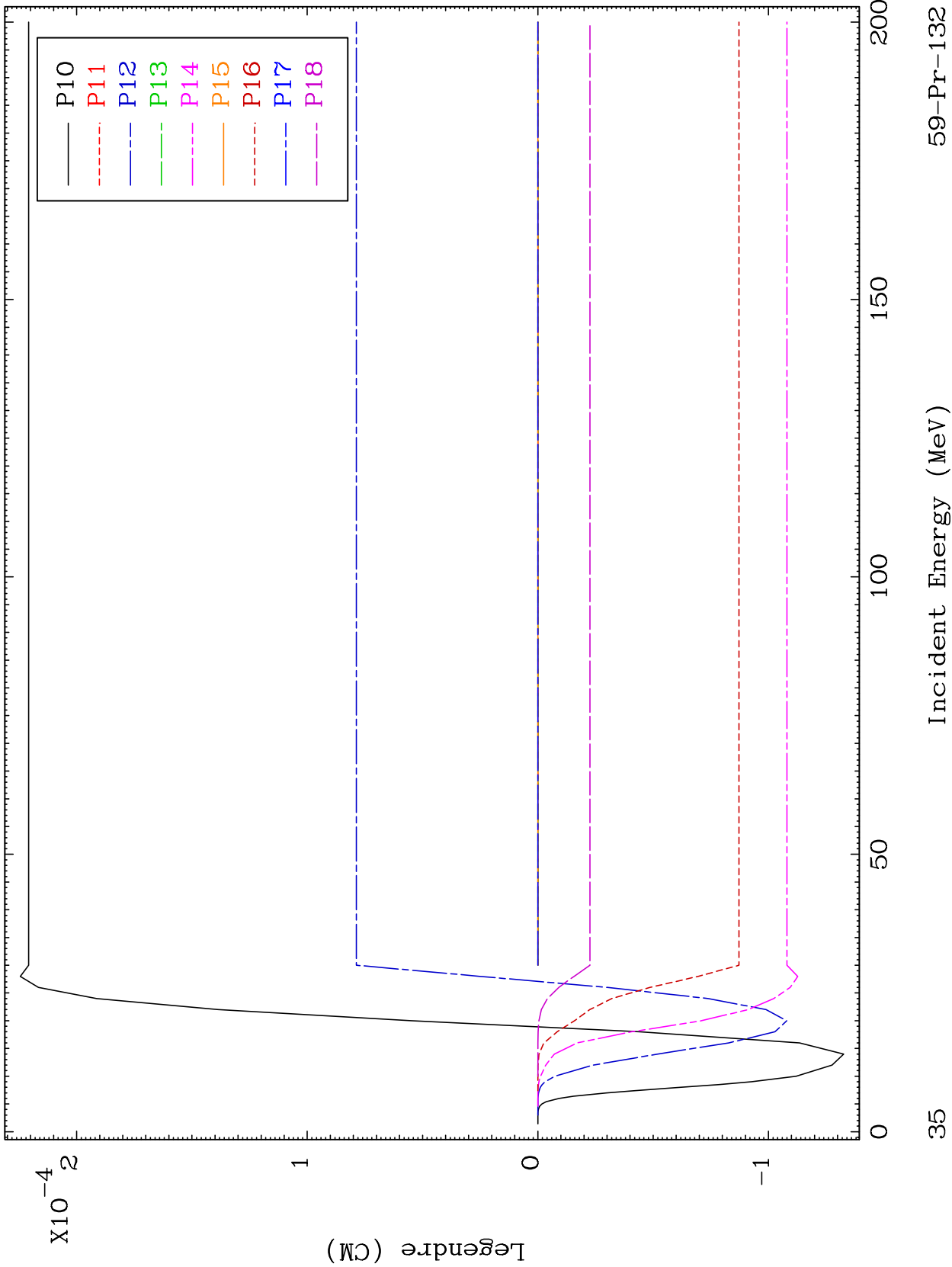
Incident Energy (MeV)

59-Pr-132

MAT 5898

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

59-Pr-132



59-Pr-132

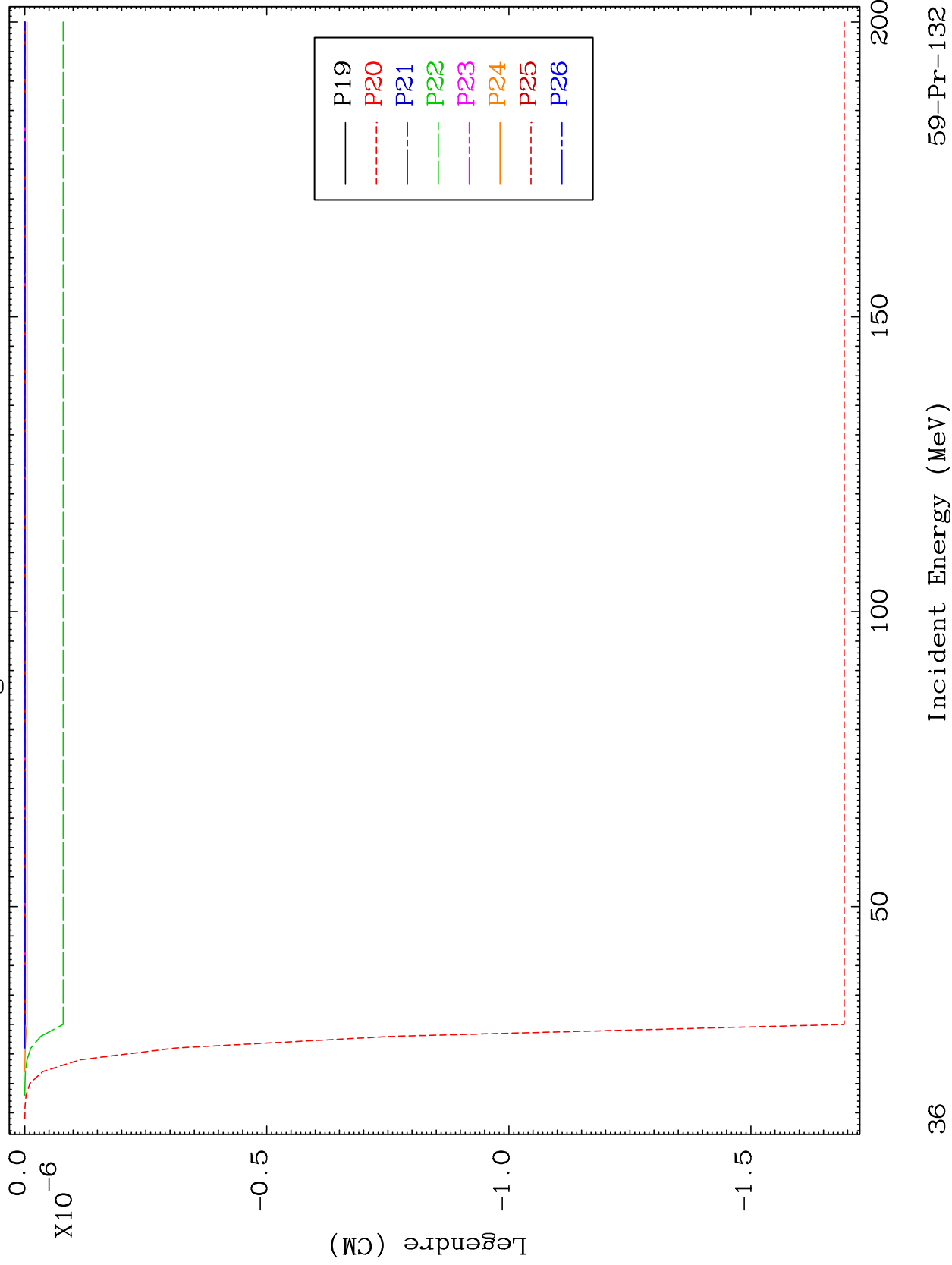
Incident Energy (MeV)

35

MAT 5898

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

59-Pr-132



36

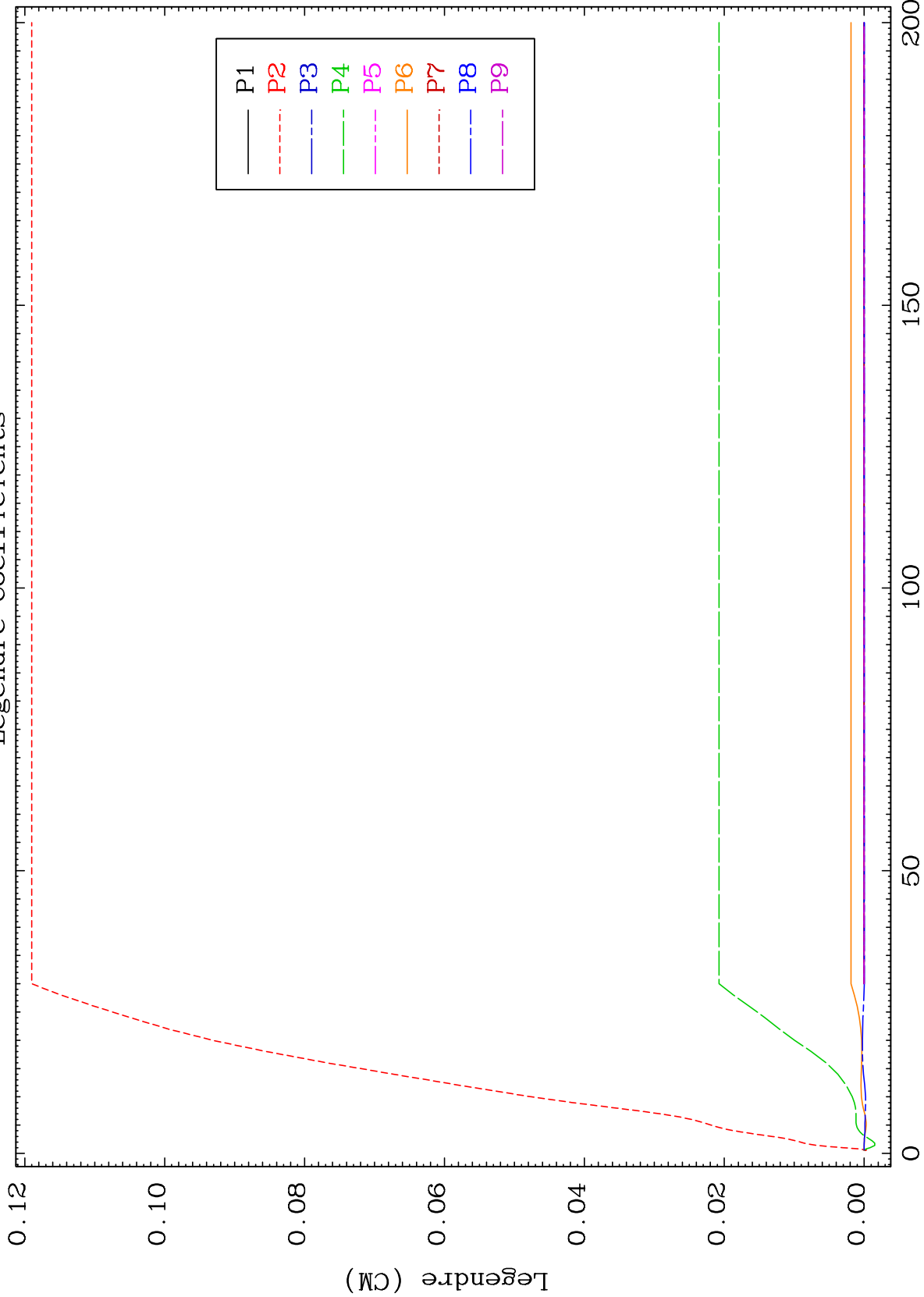
Incident Energy (MeV)

59-Pr-132

MAT 5898

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

59-Pr-132



37

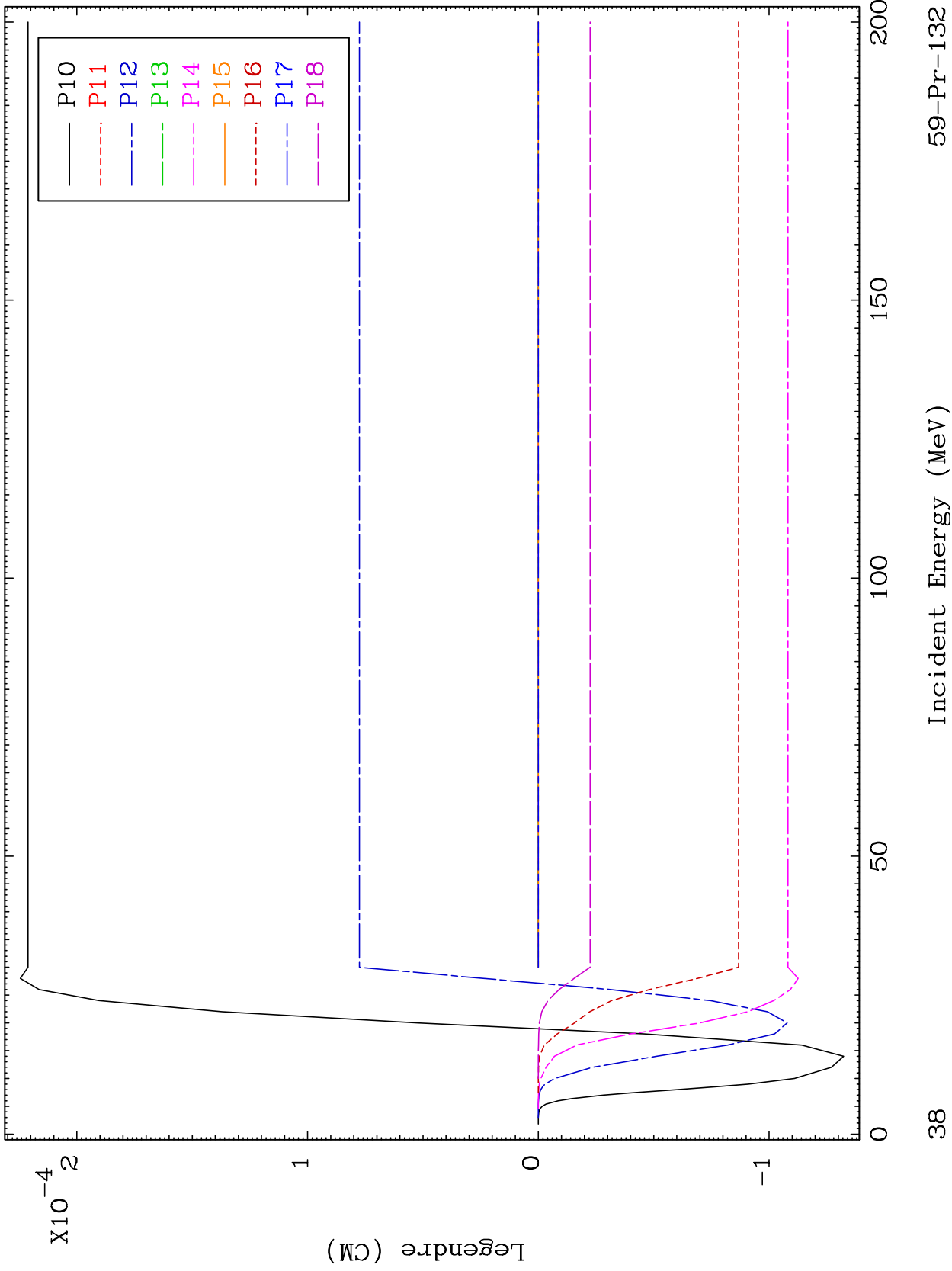
Incident Energy (MeV)

59-Pr-132

MAT 5898

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

59-Pr-132



38

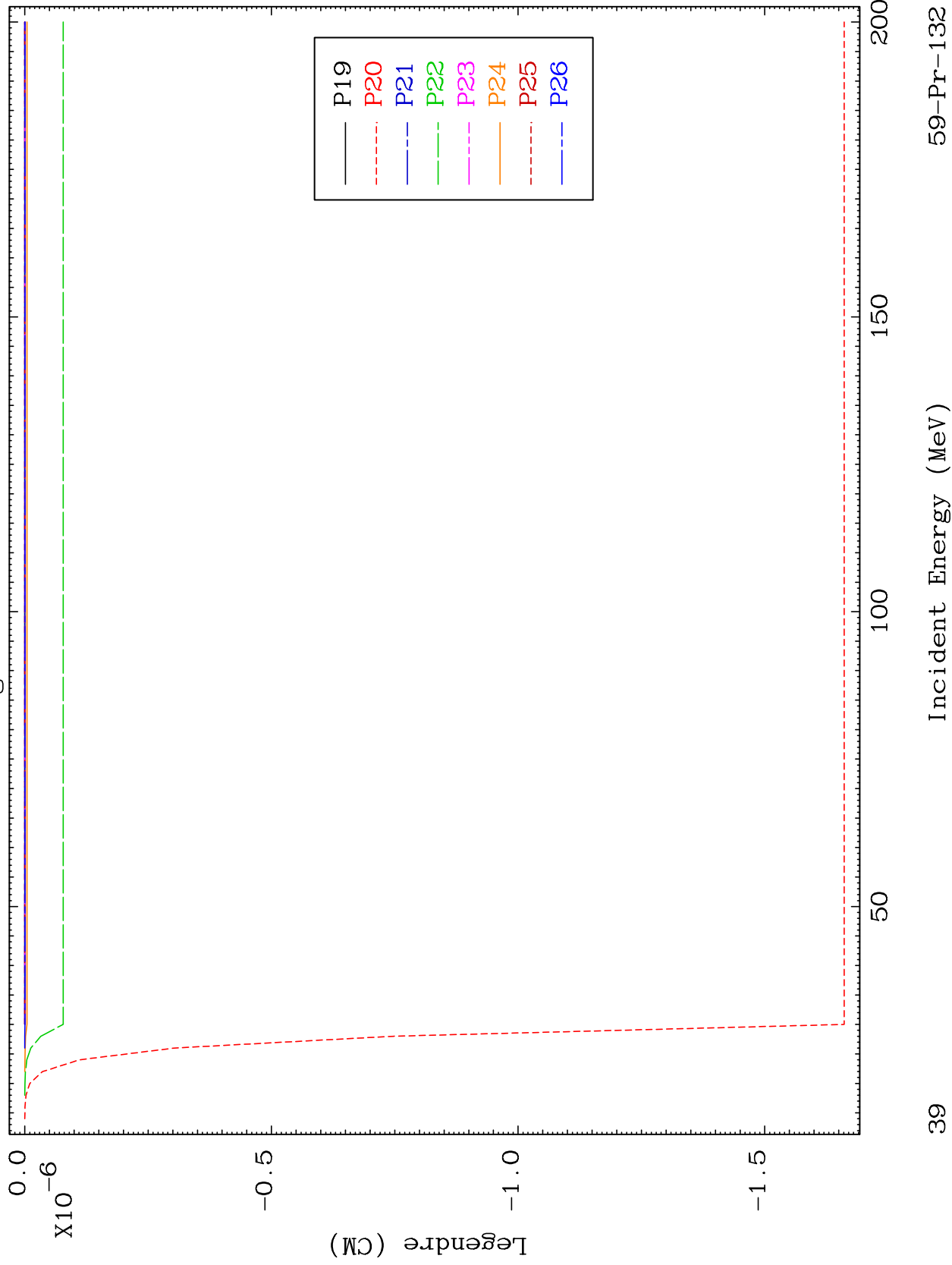
Incident Energy (MeV)

59-Pr-132

MAT 5898

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

59-Pr-132



39

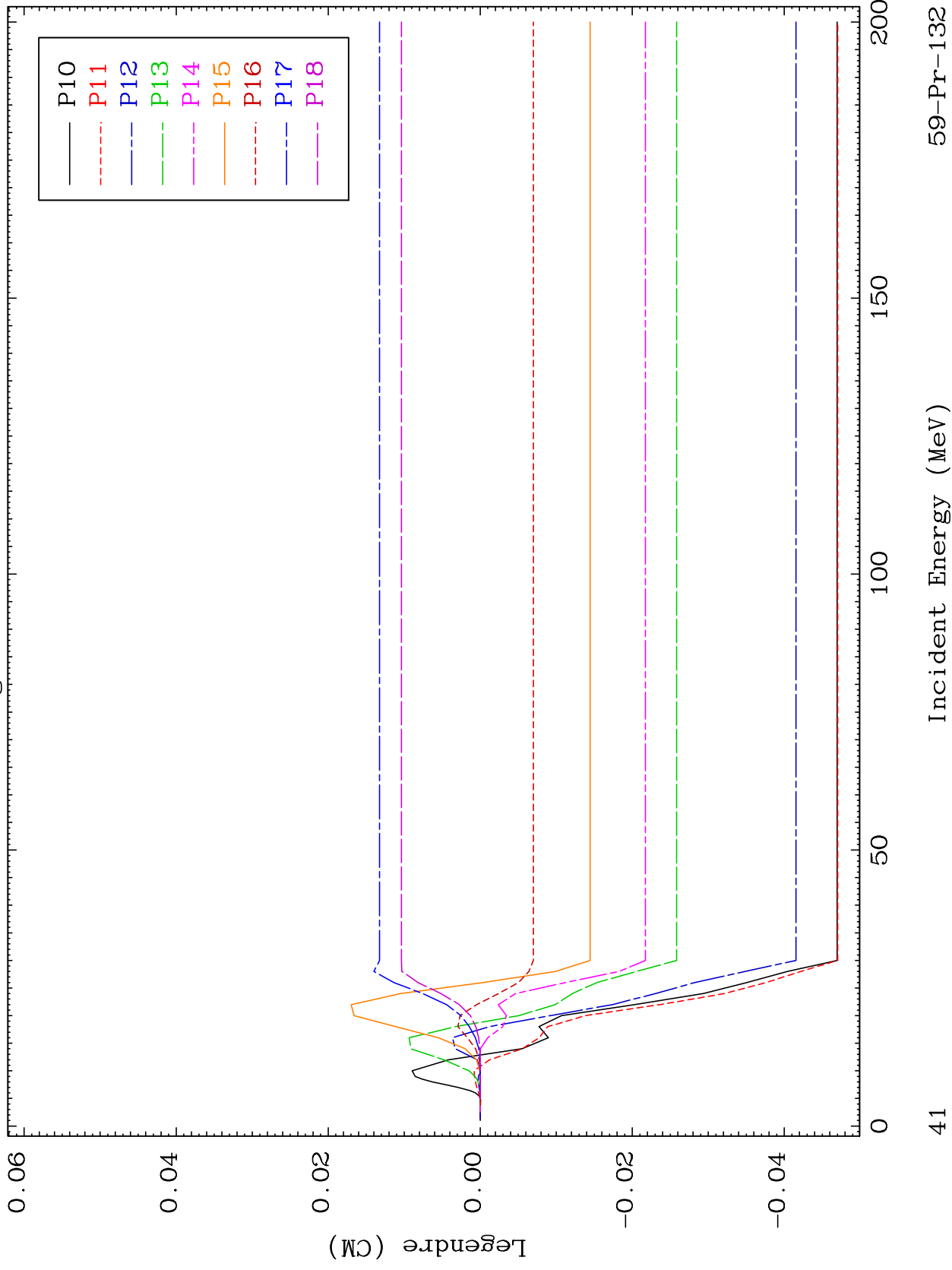
Incident Energy (MeV)

59-Pr-132

MAT 5898

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

59-Pr-132



41

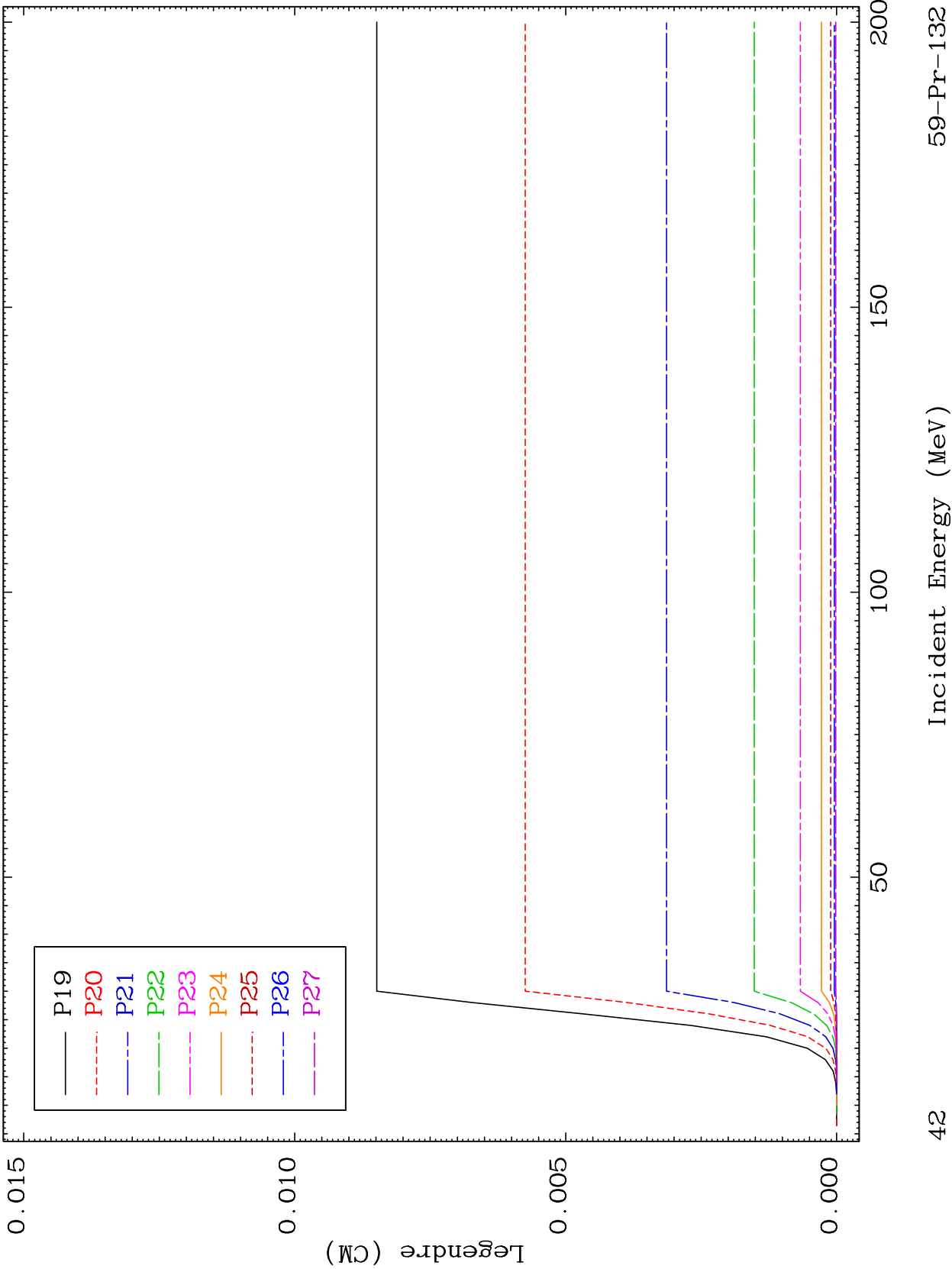
Incident Energy (MeV)

59-Pr-132

MAT 5898

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

59-Pr-132



42

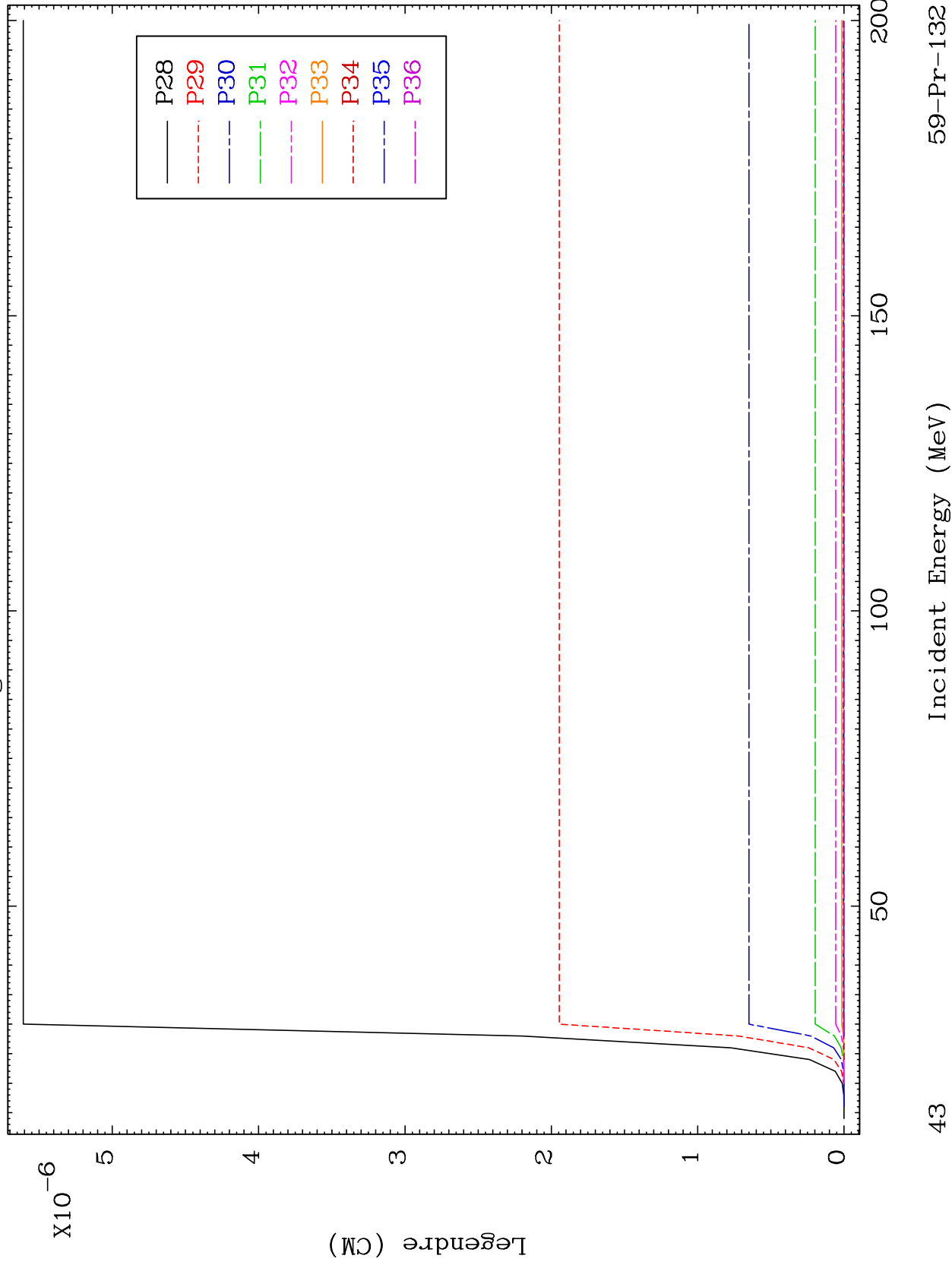
Incident Energy (MeV)

59-Pr-132

MAT 5898

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

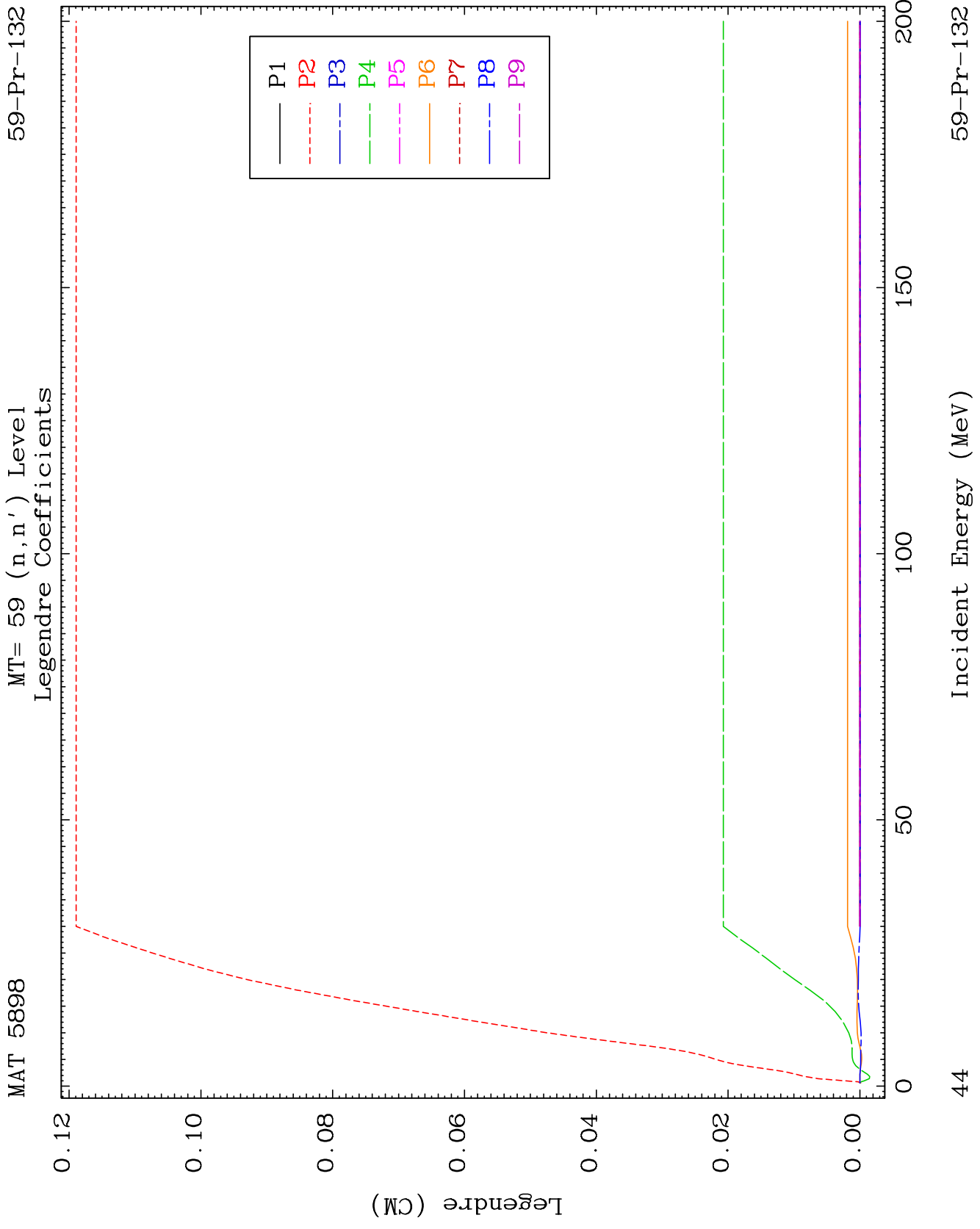
59-Pr-132



43

Incident Energy (MeV)

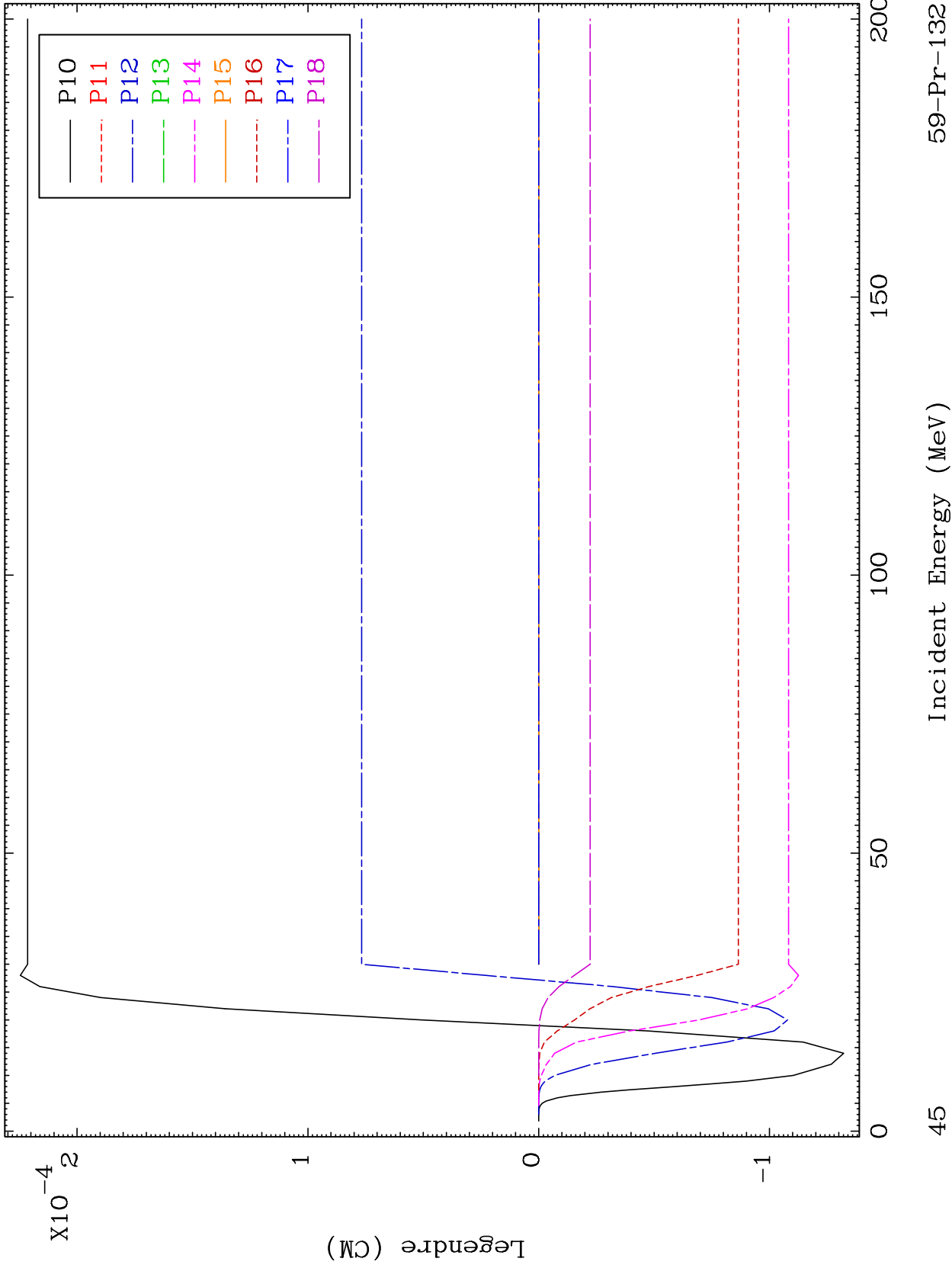
59-Pr-132



MAT 5898

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

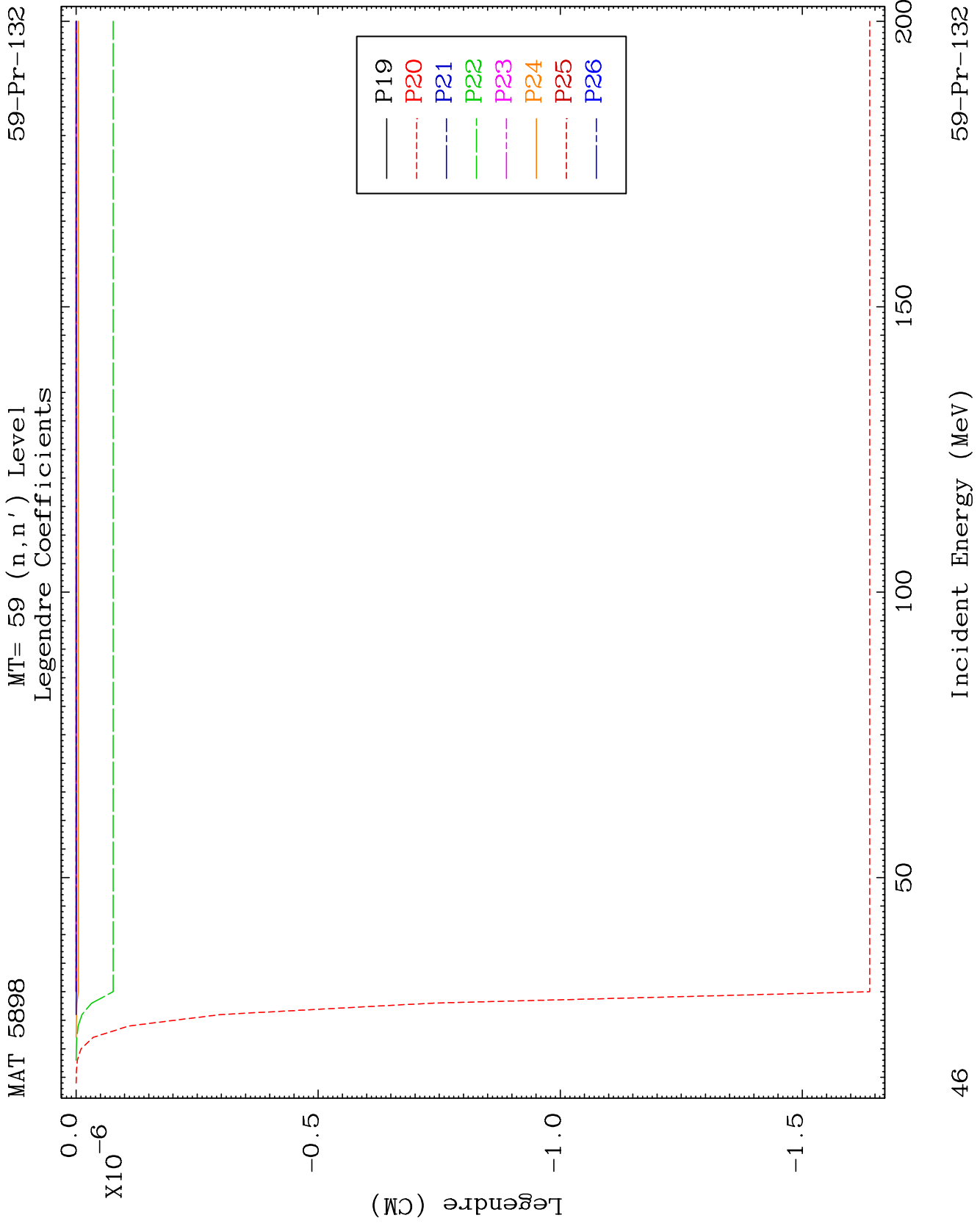
59-Pr-132



59-Pr-132

Incident Energy (MeV)

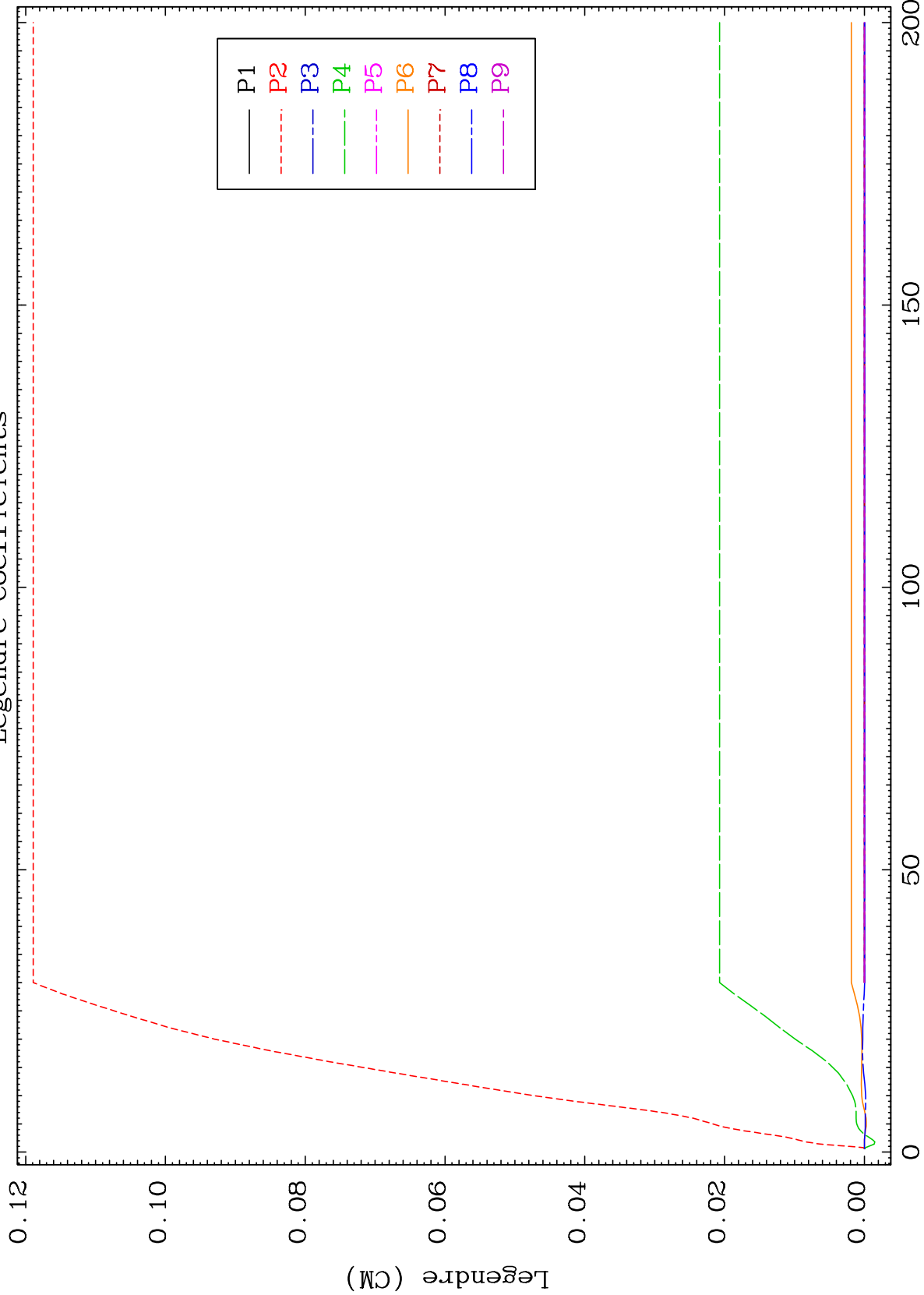
45



MAT 5898

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

59-Pr-132



47

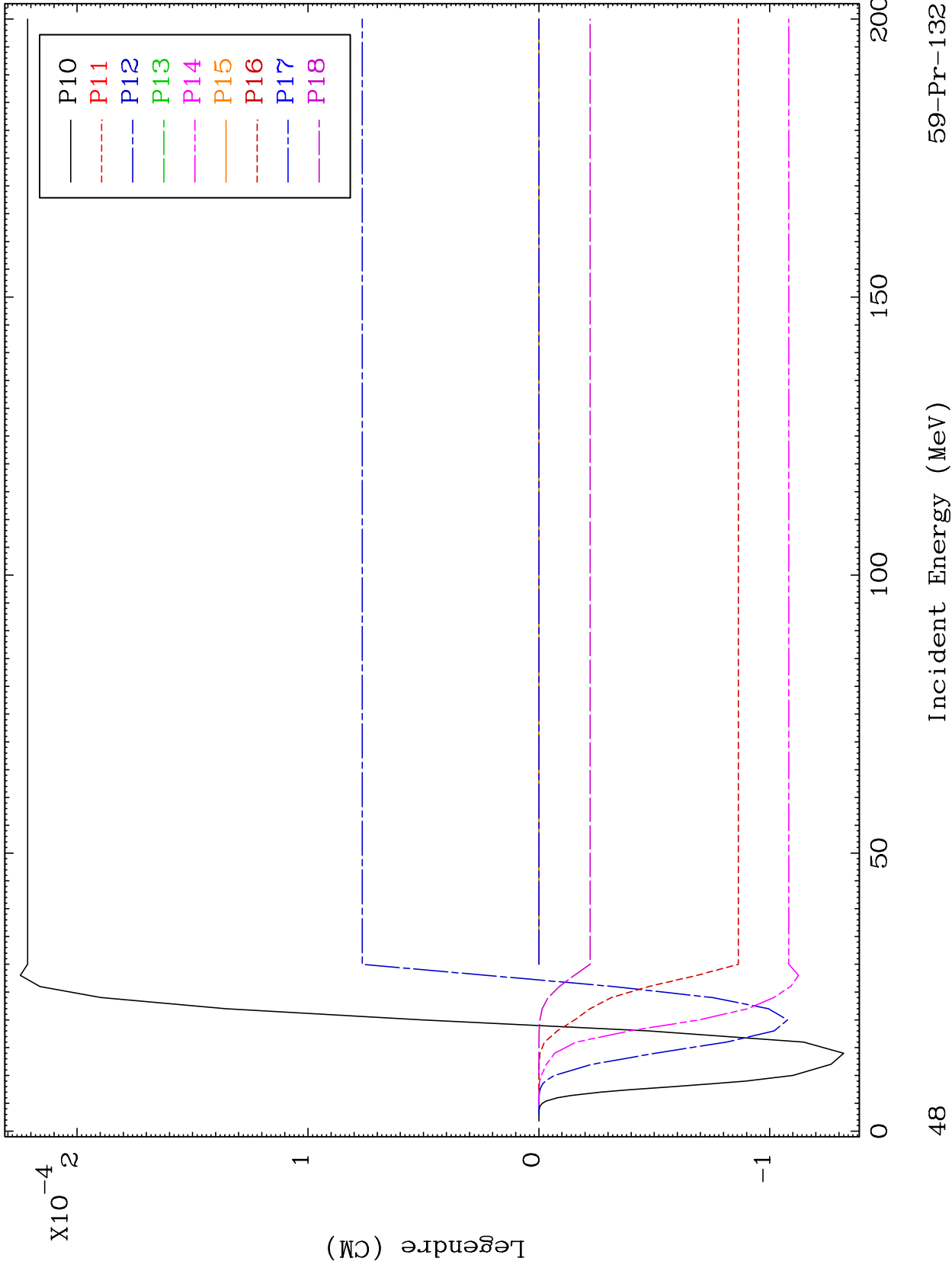
Incident Energy (MeV)

59-Pr-132

MAT 5898

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

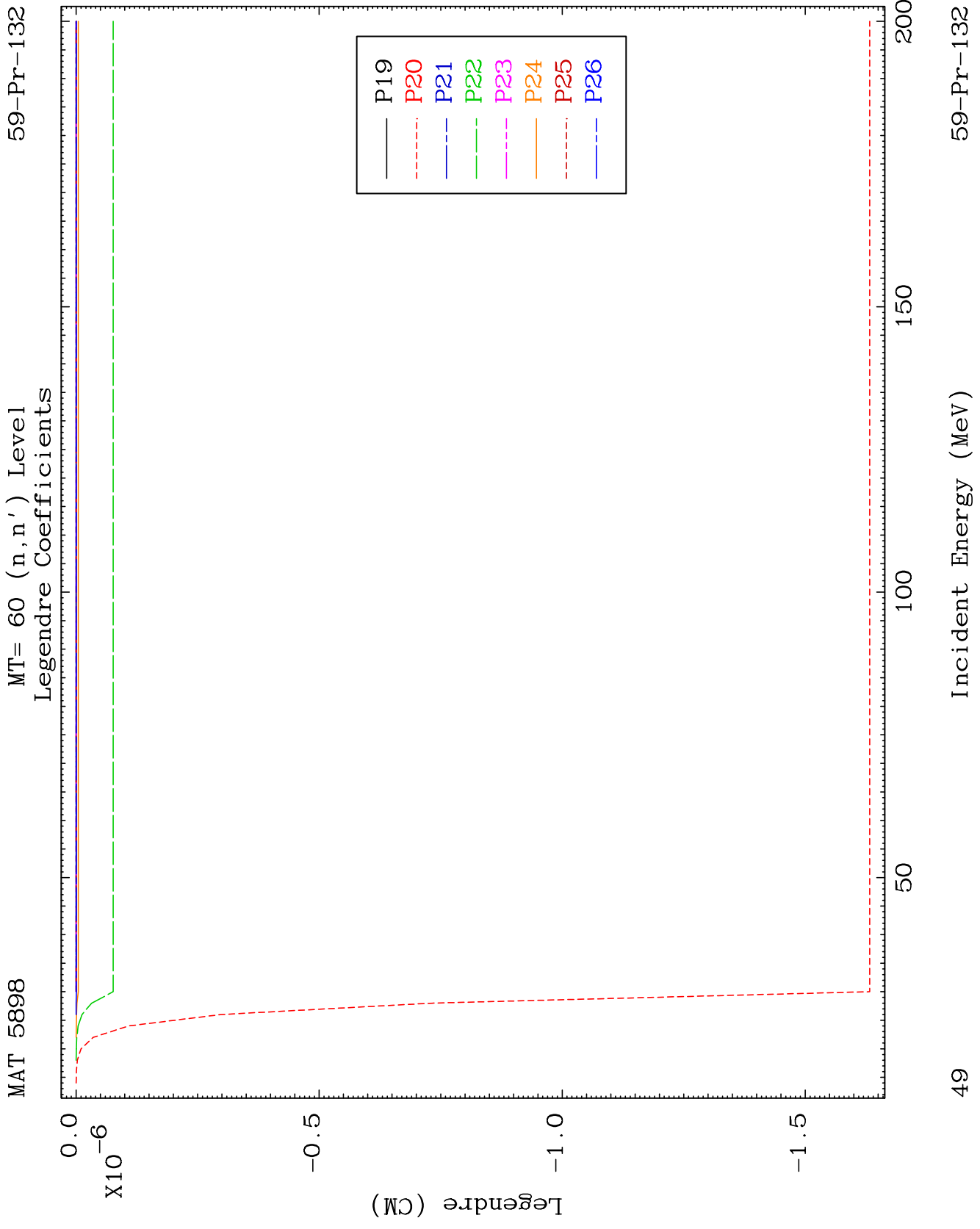
59-Pr-132



59-Pr-132

Incident Energy (MeV)

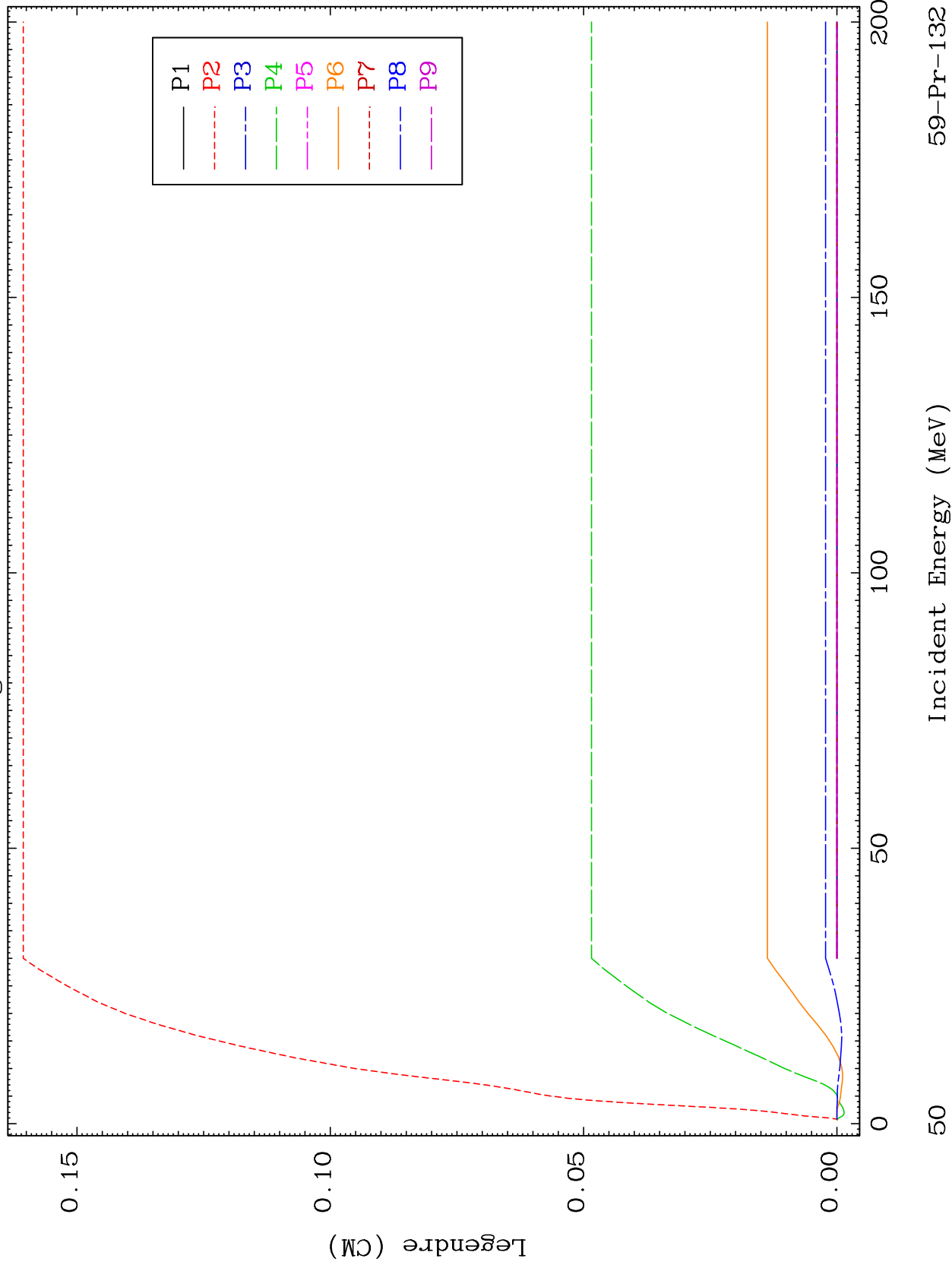
48



MAT 5898

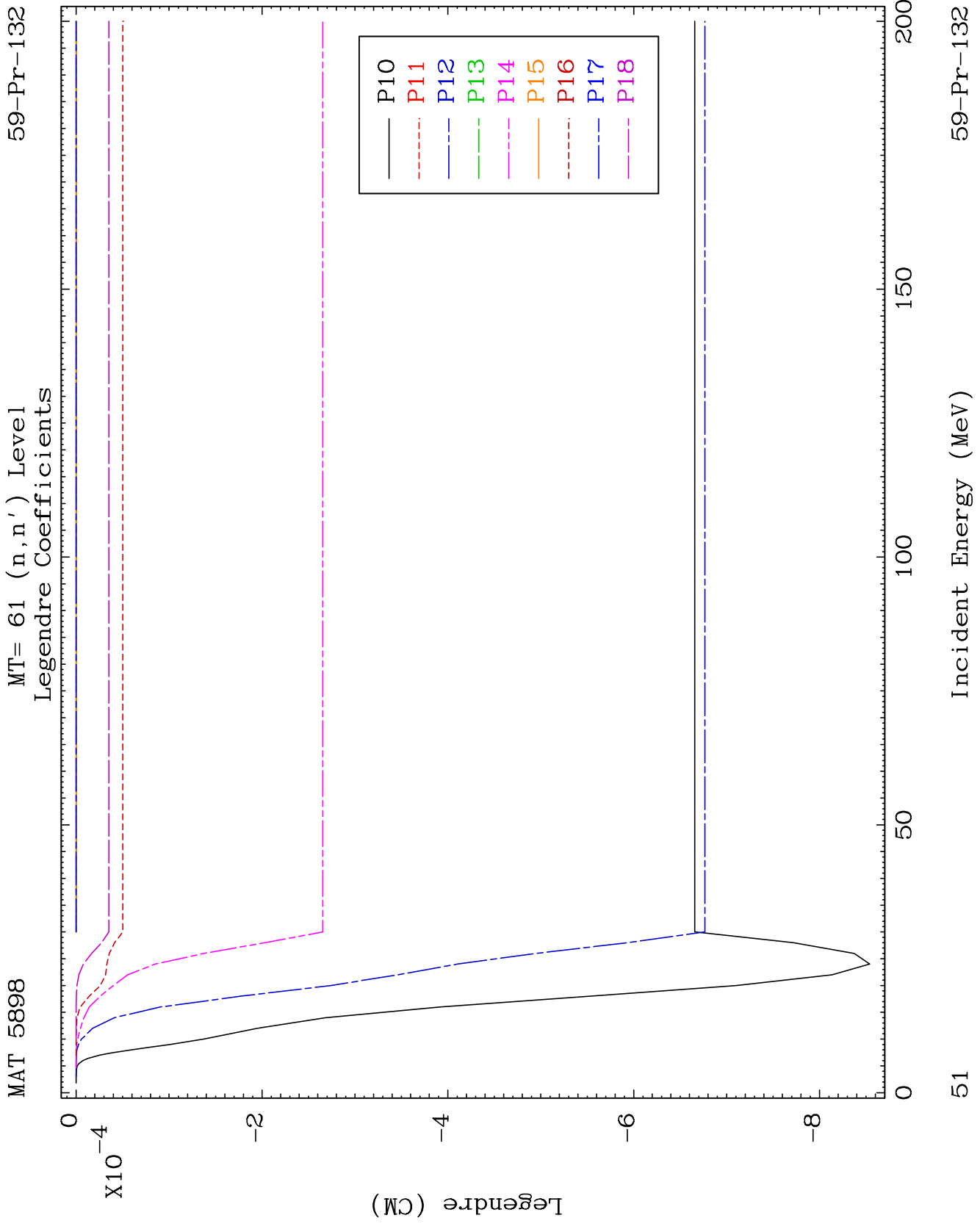
MT= 61 (n,n') Level
Legendre Coefficients

59-Pr-132



59-Pr-132

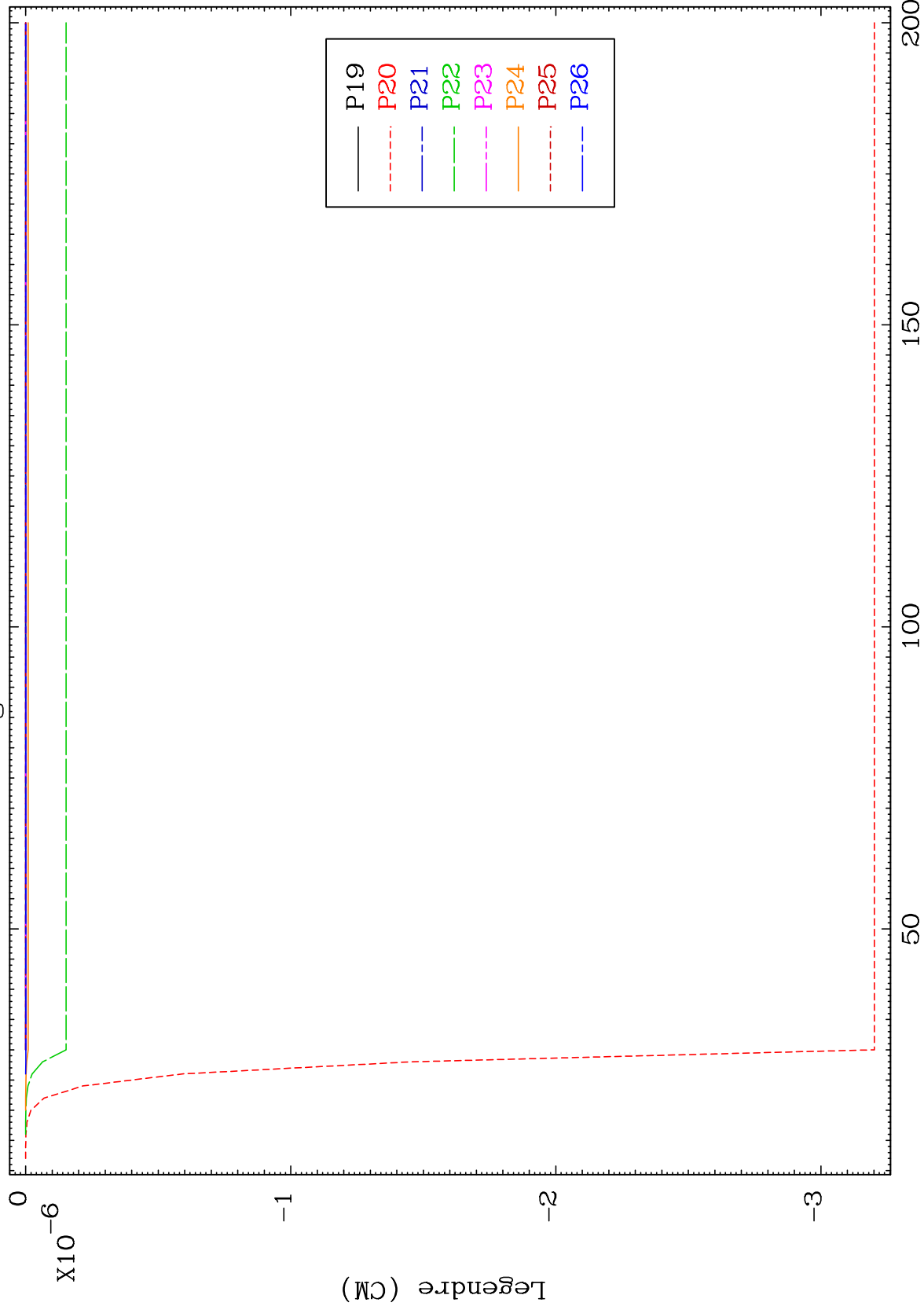
Incident Energy (MeV)



MAT 5898

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

59-Pr-132



59-Pr-132

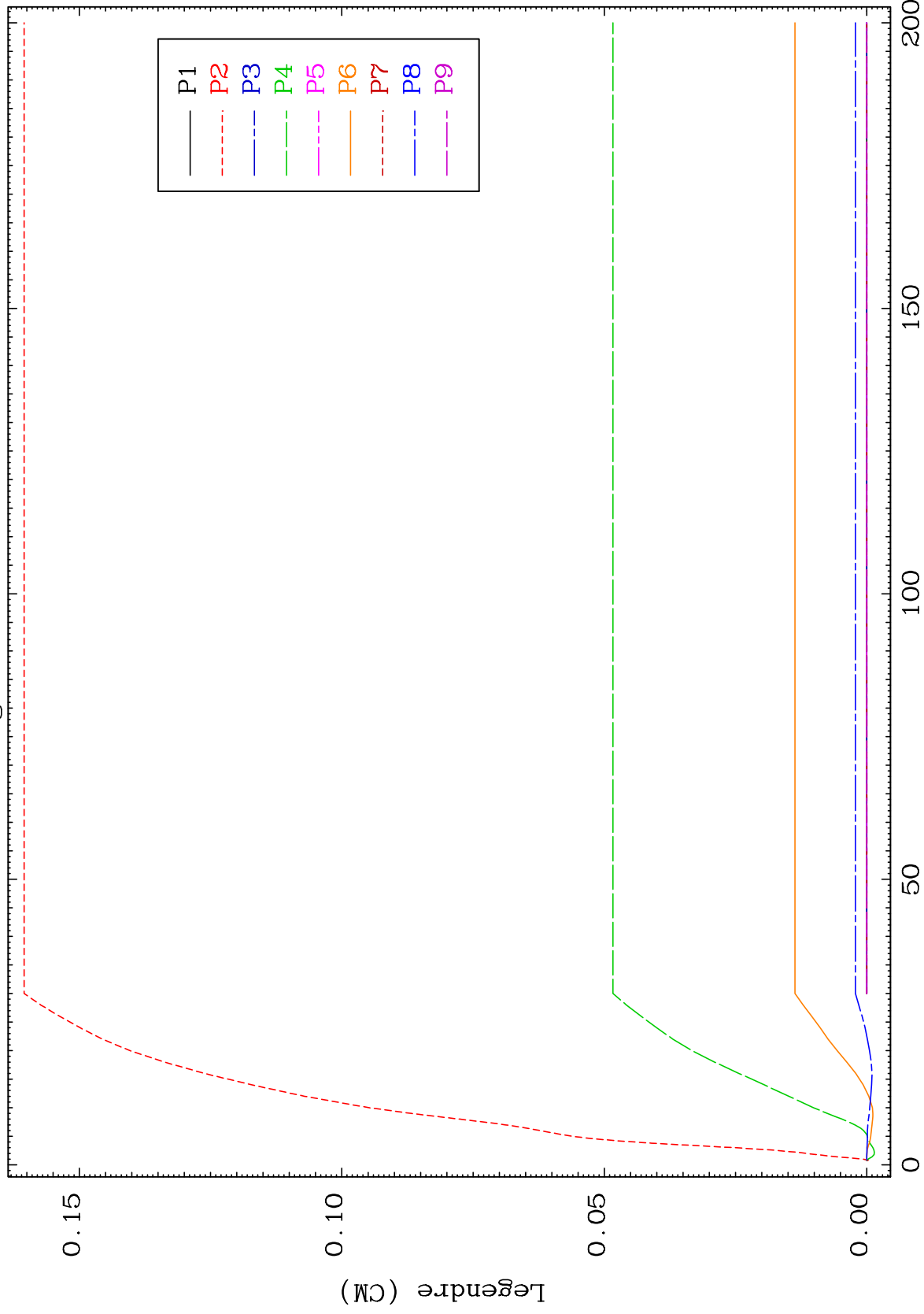
Incident Energy (MeV)

52

MAT 5898

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

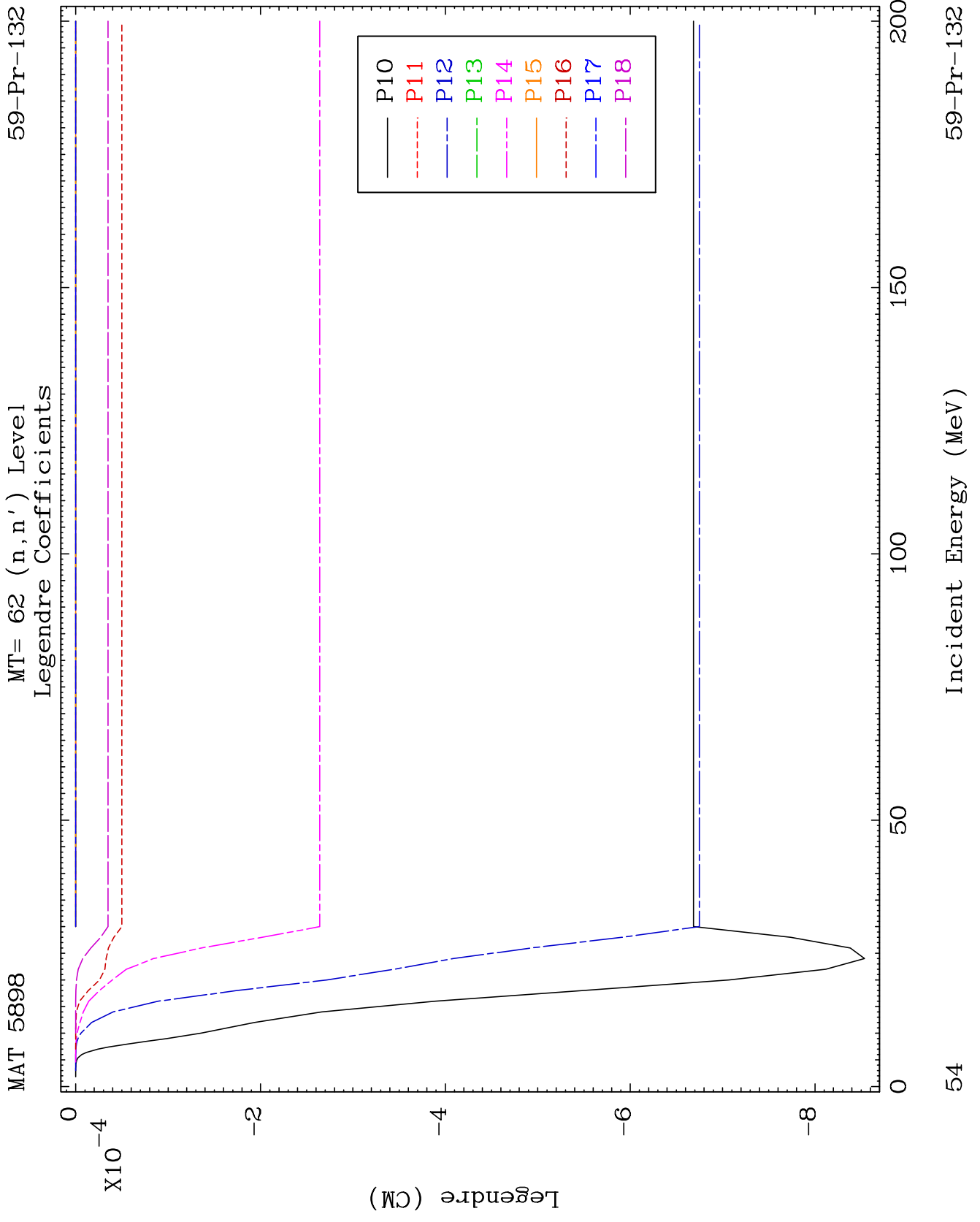
59-Pr-132



59-Pr-132

Incident Energy (MeV)

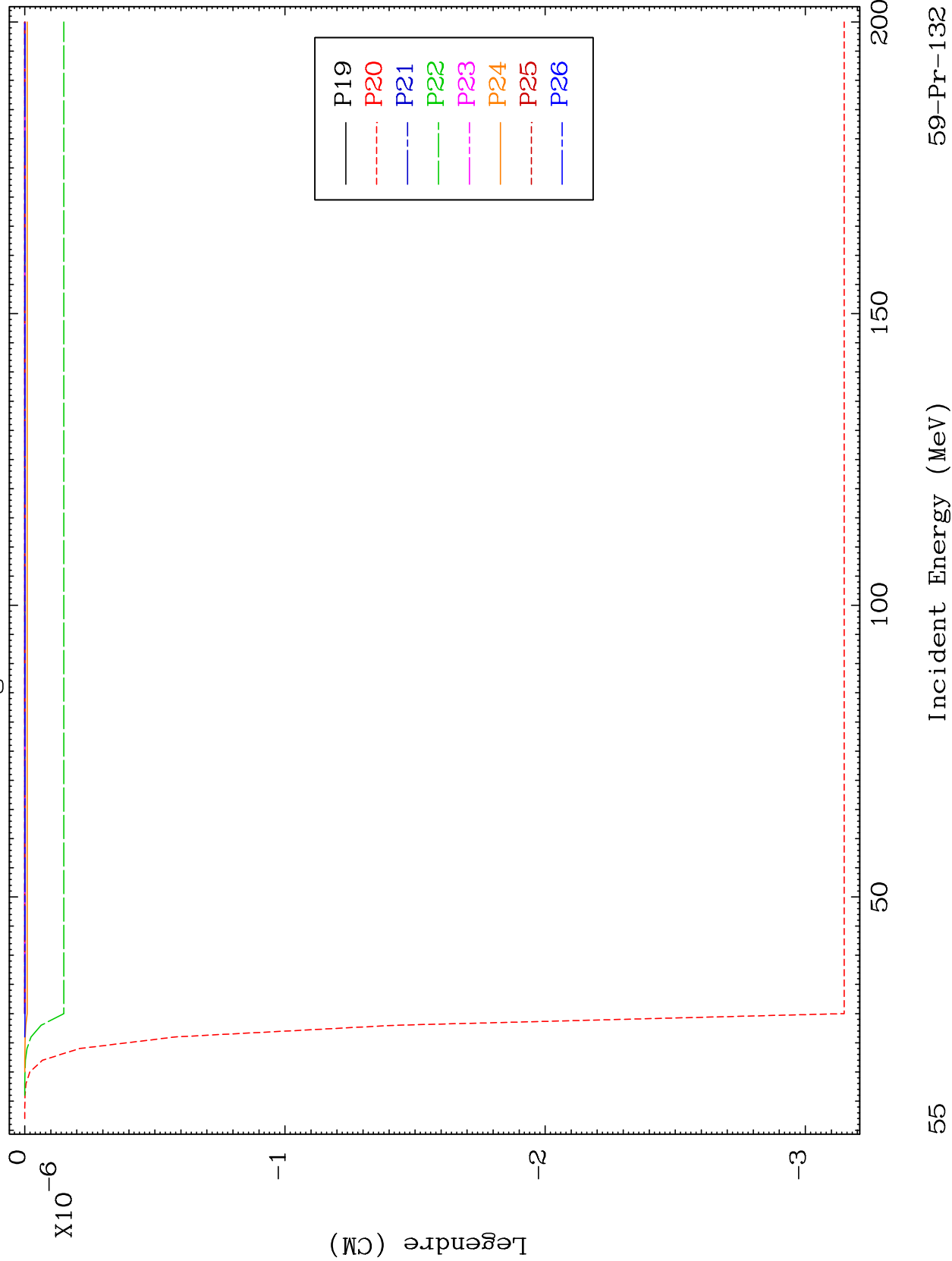
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MAT 5898

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

59-Pr-132

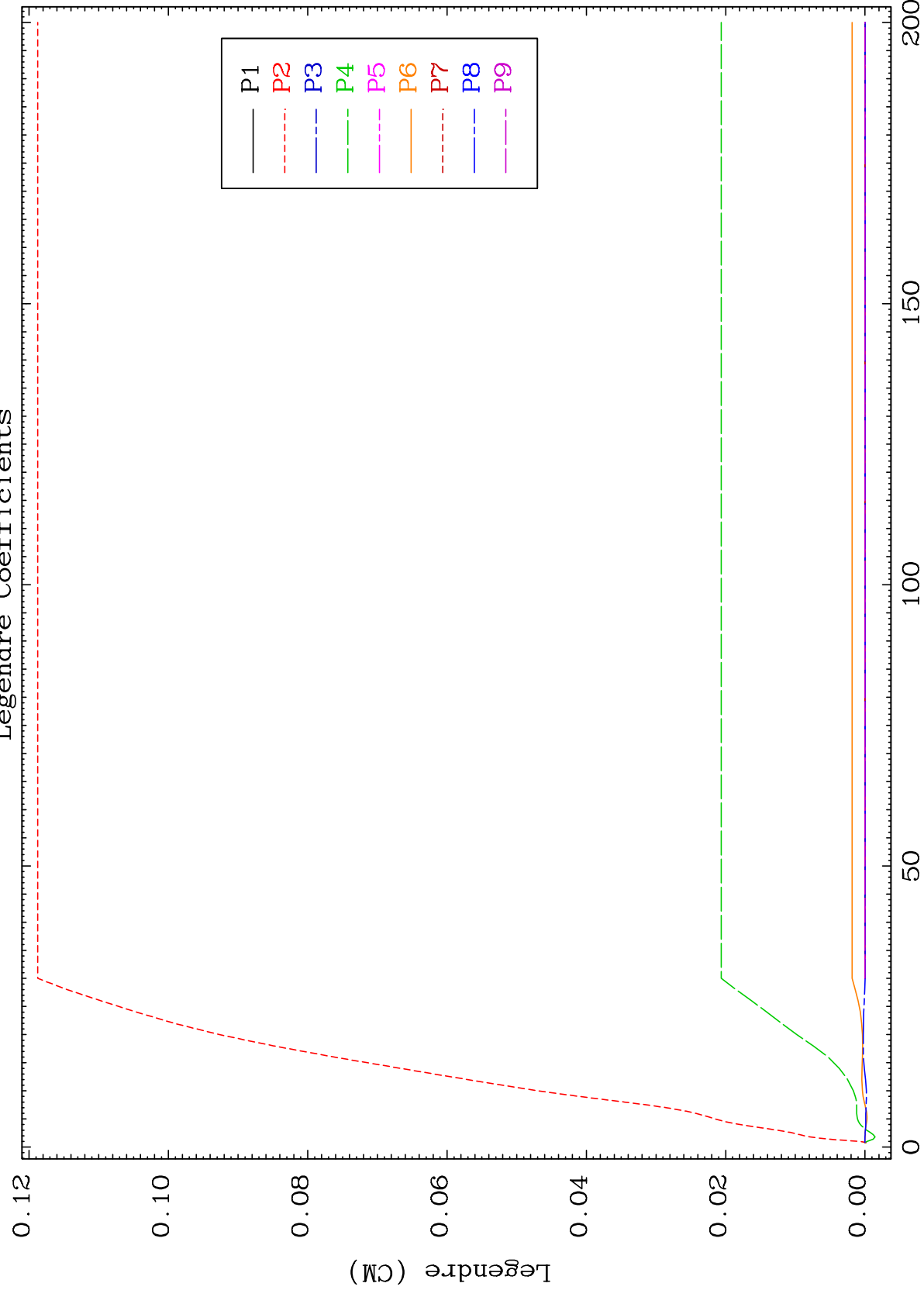


59-Pr-132

MAT 5898

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

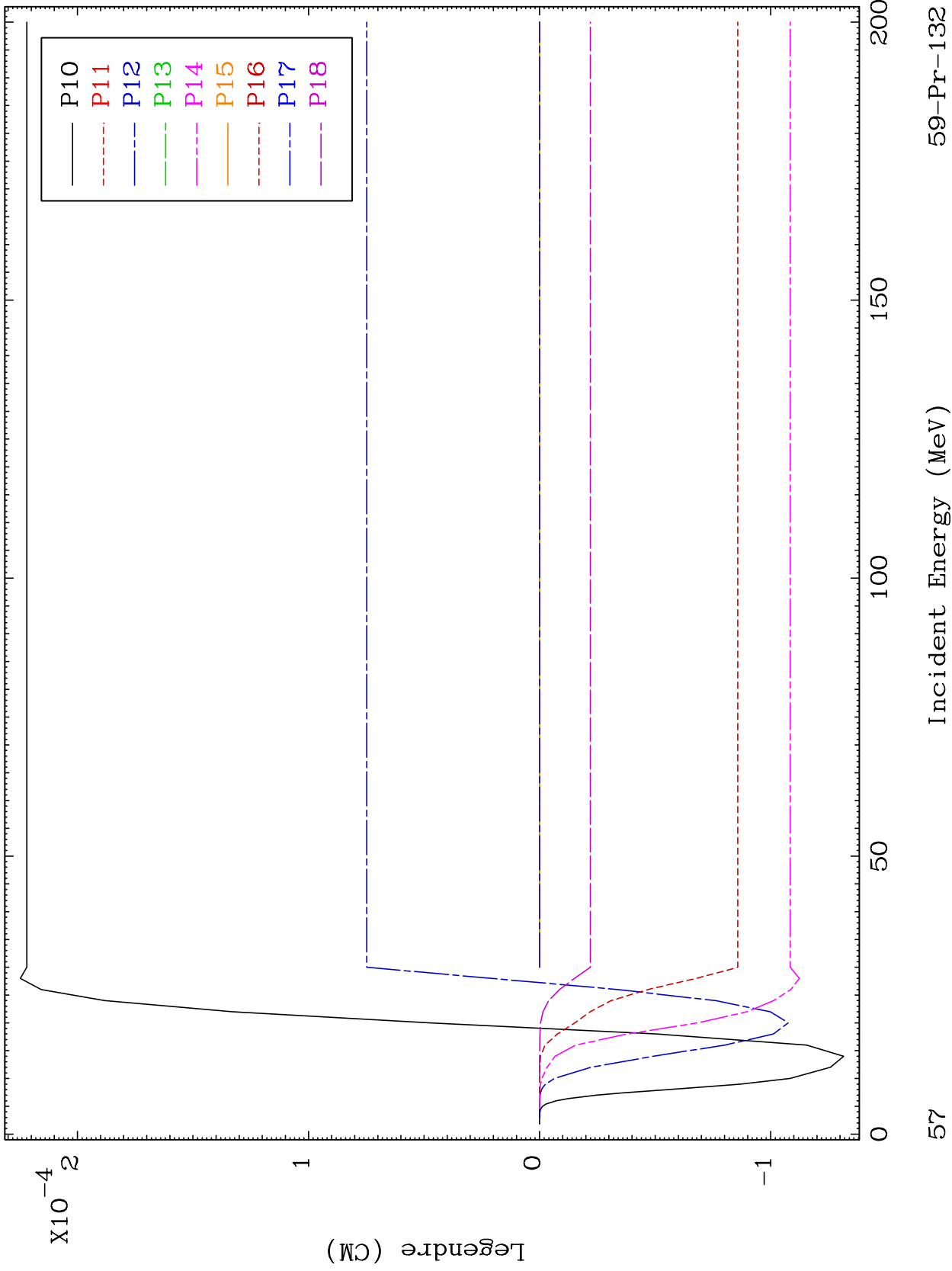
59-Pr-132



59-Pr-132

Incident Energy (MeV)

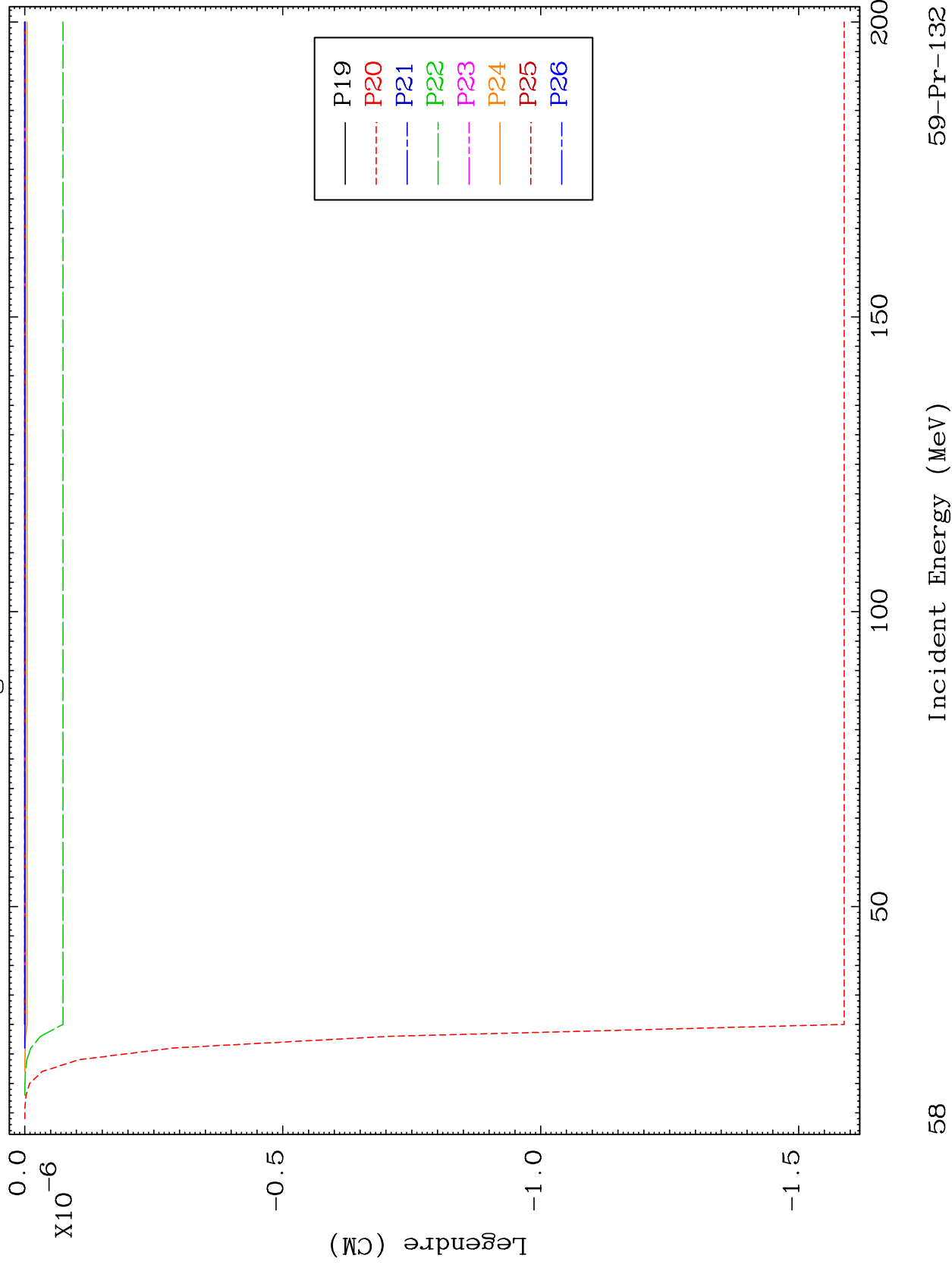
56



MAT 5898

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

59-Pr-132



58

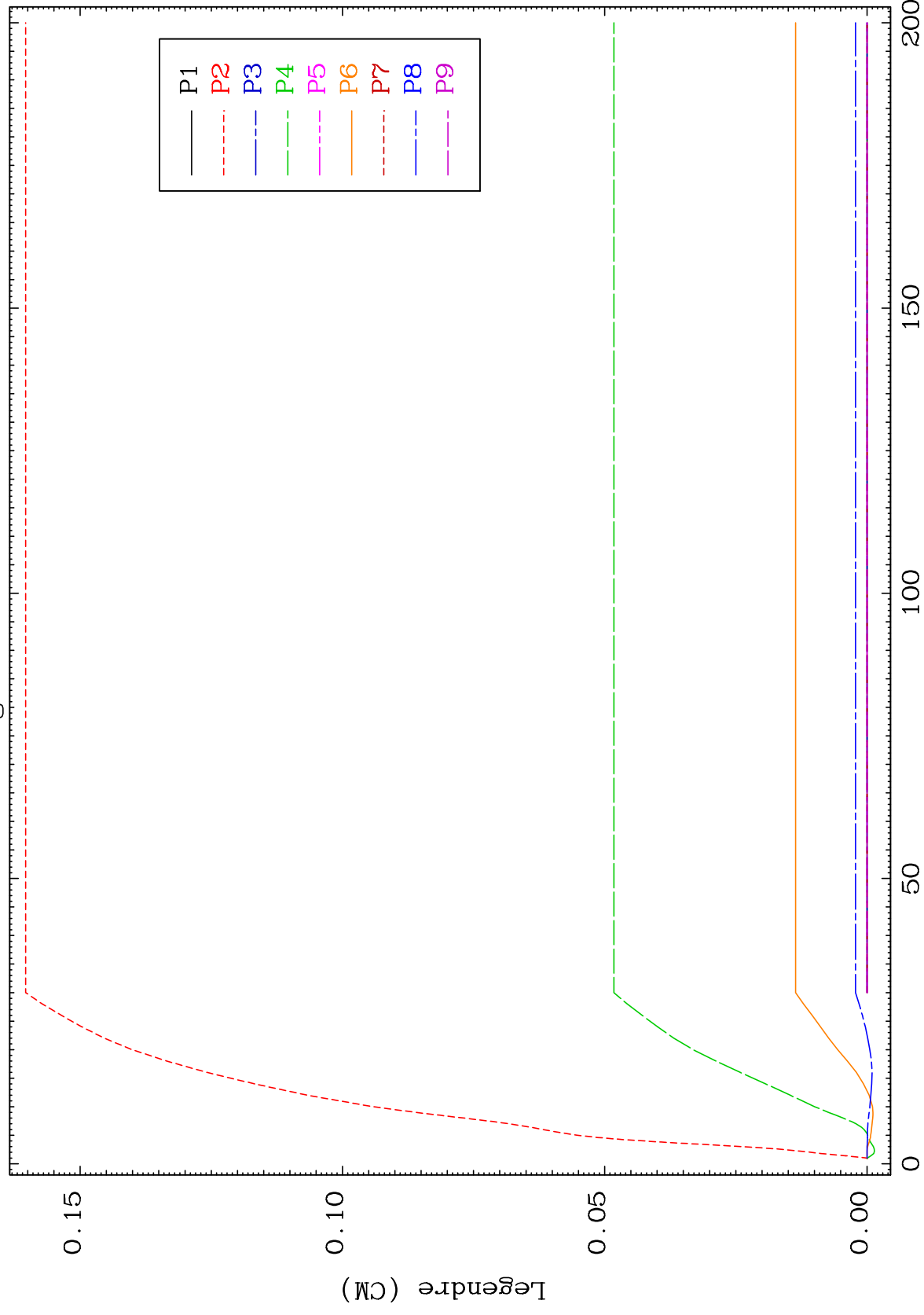
Incident Energy (MeV)

59-Pr-132

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

59-Pr-132



59-Pr-132

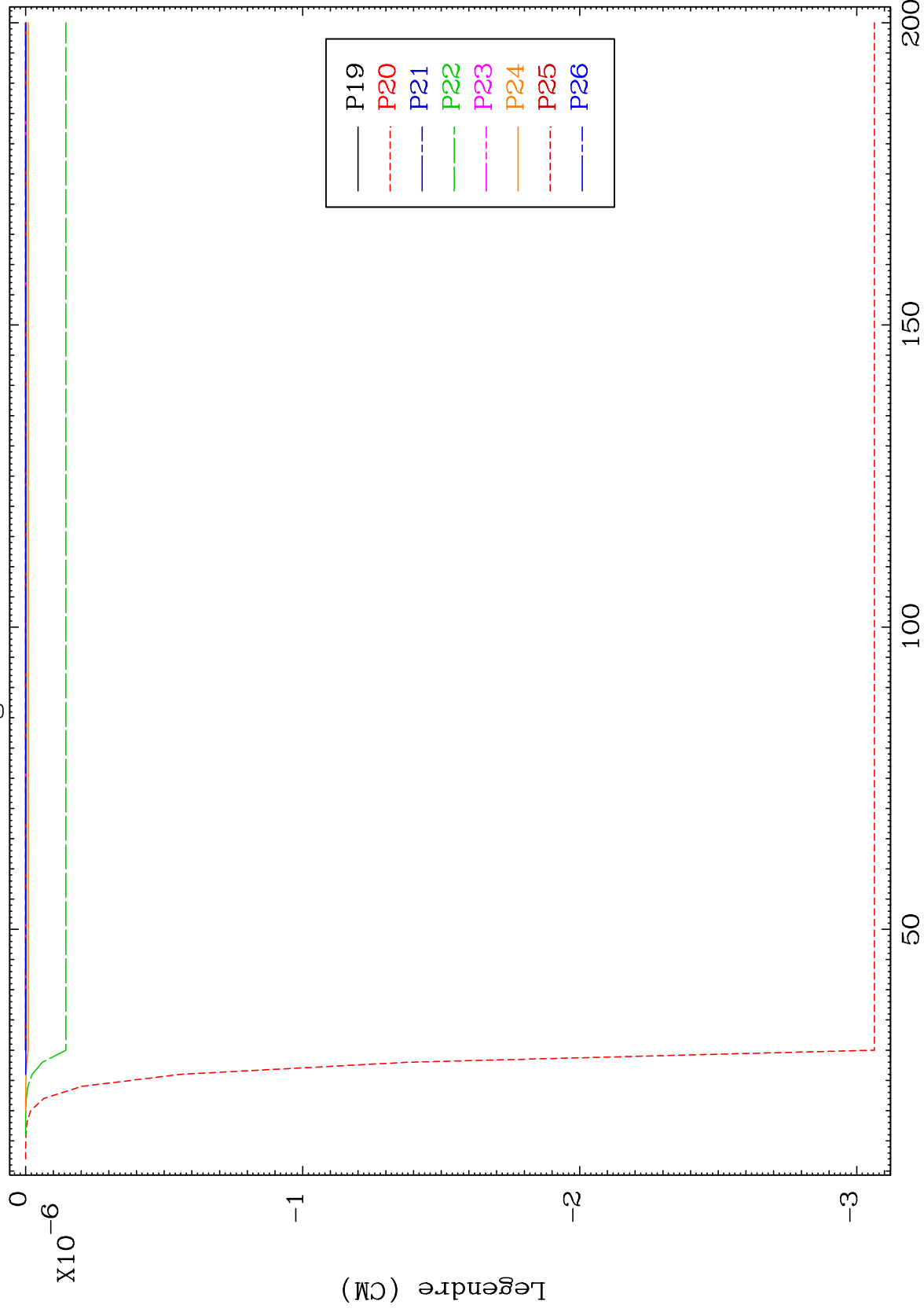
Incident Energy (MeV)

59

MAT 5898

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

59-Pr-132



61

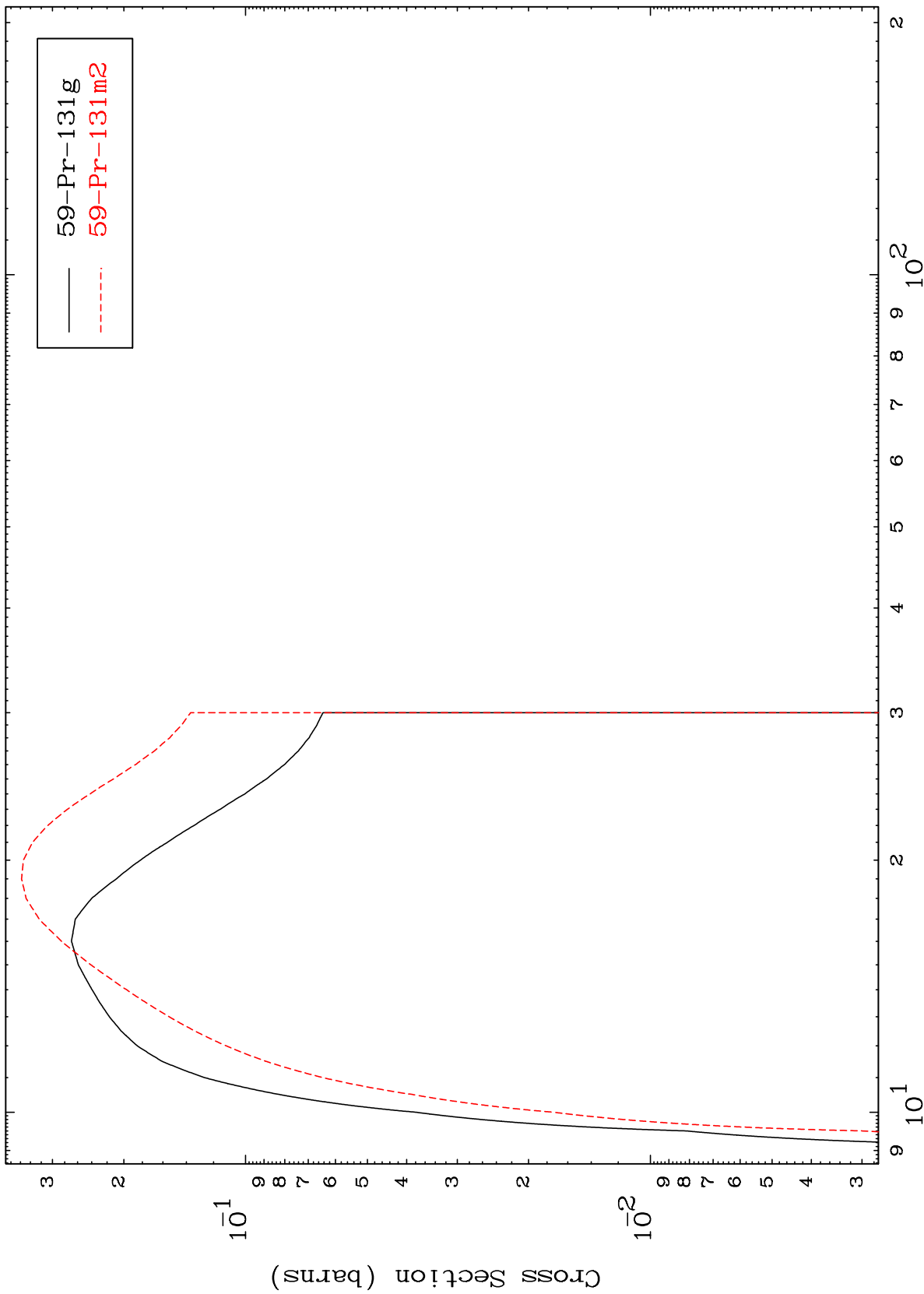
Incident Energy (MeV)

59-Pr-132

MAT 5898

59-Pr-132

(n,2n)
Radionuclide Production Cross Section



59-Pr-132

Incident Energy (MeV)

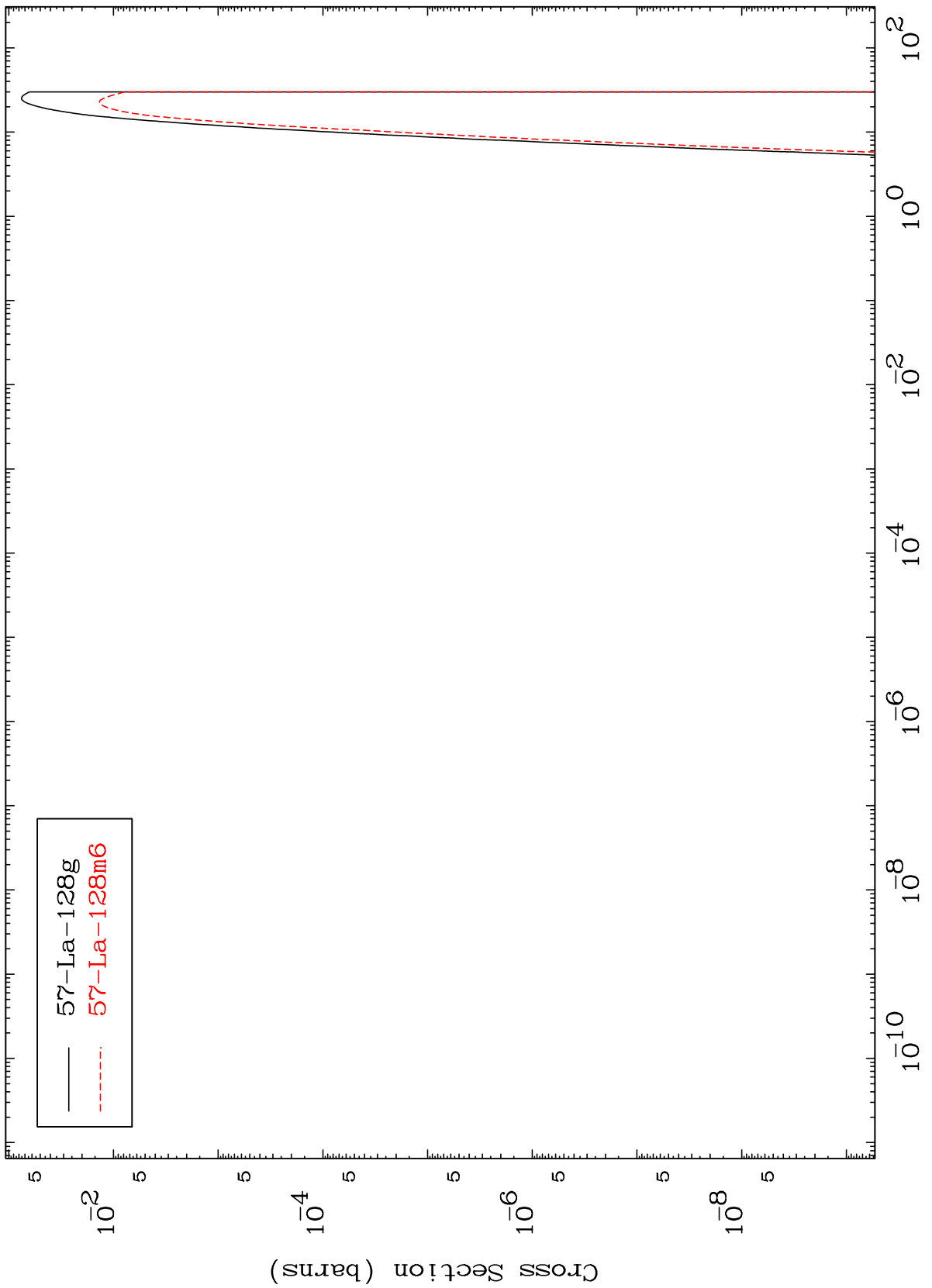
62

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$(n, n') \alpha$

59-Pr-132

Radionuclide Production Cross Section



63

Incident Energy (MeV)

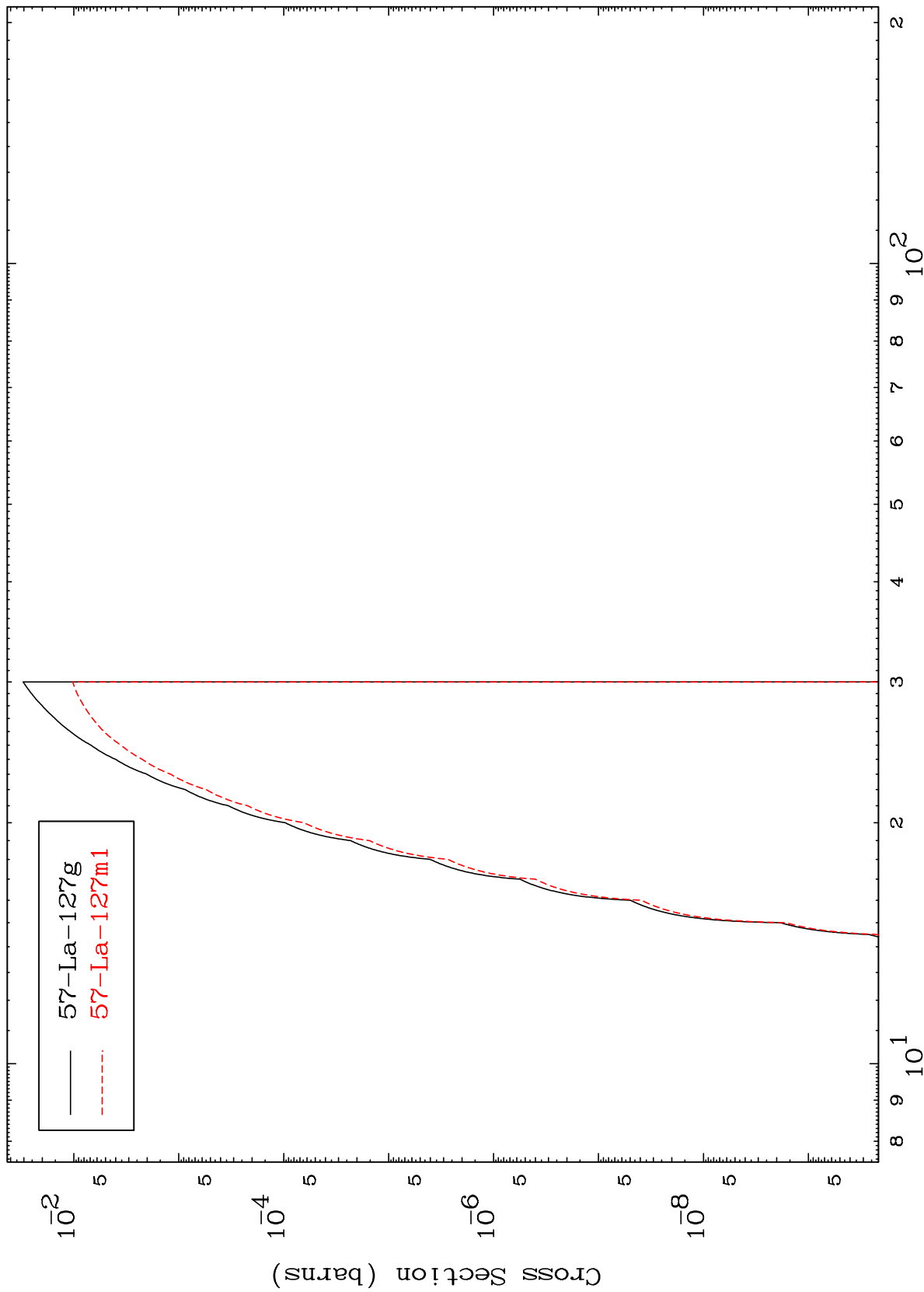
59-Pr-132

MAT 5898

(n,2n) α

59-Pr-132

Radionuclide Production Cross Section



64

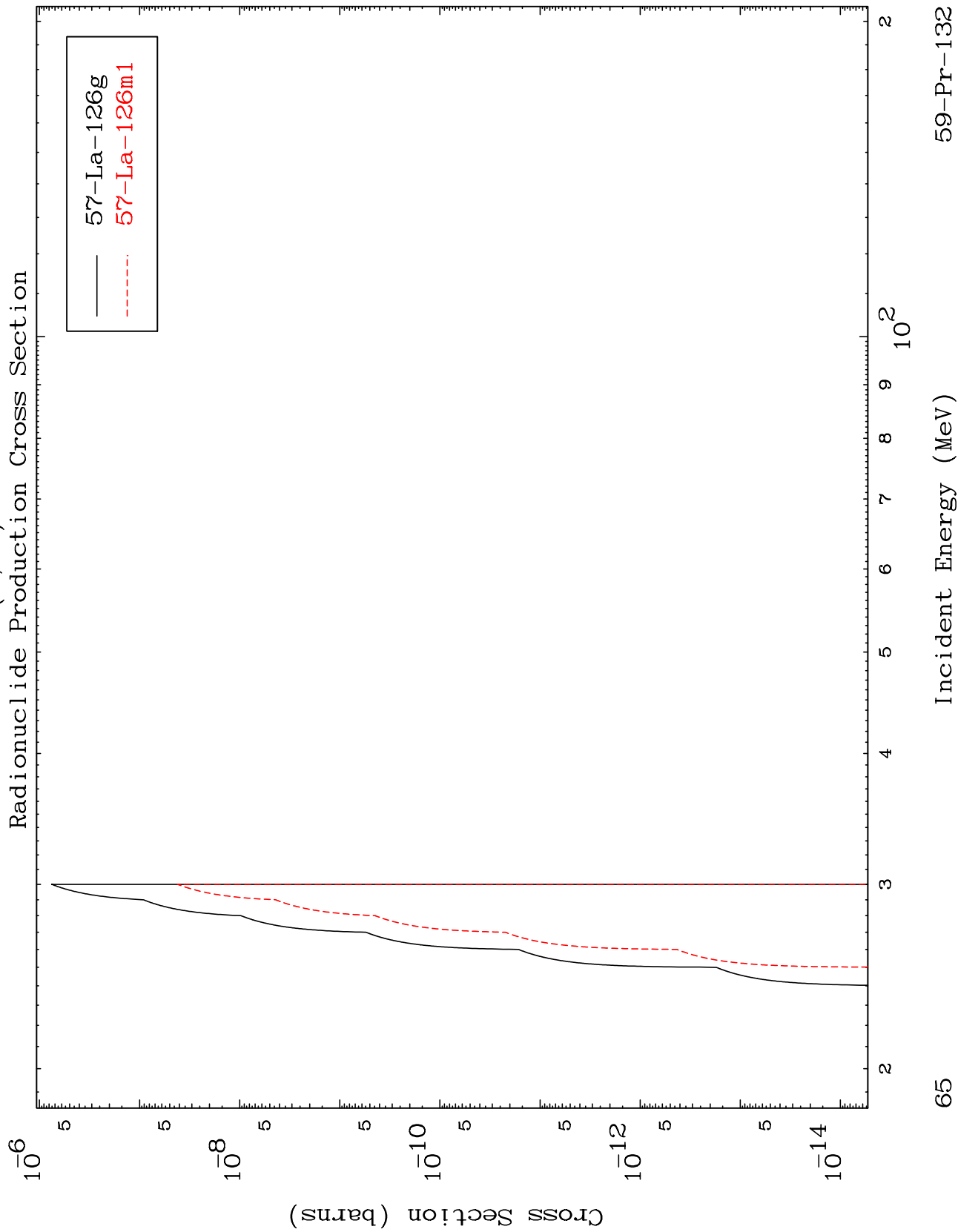
Incident Energy (MeV)

59-Pr-132

MAT 5898

(n,3n) α

59-Pr-132



65

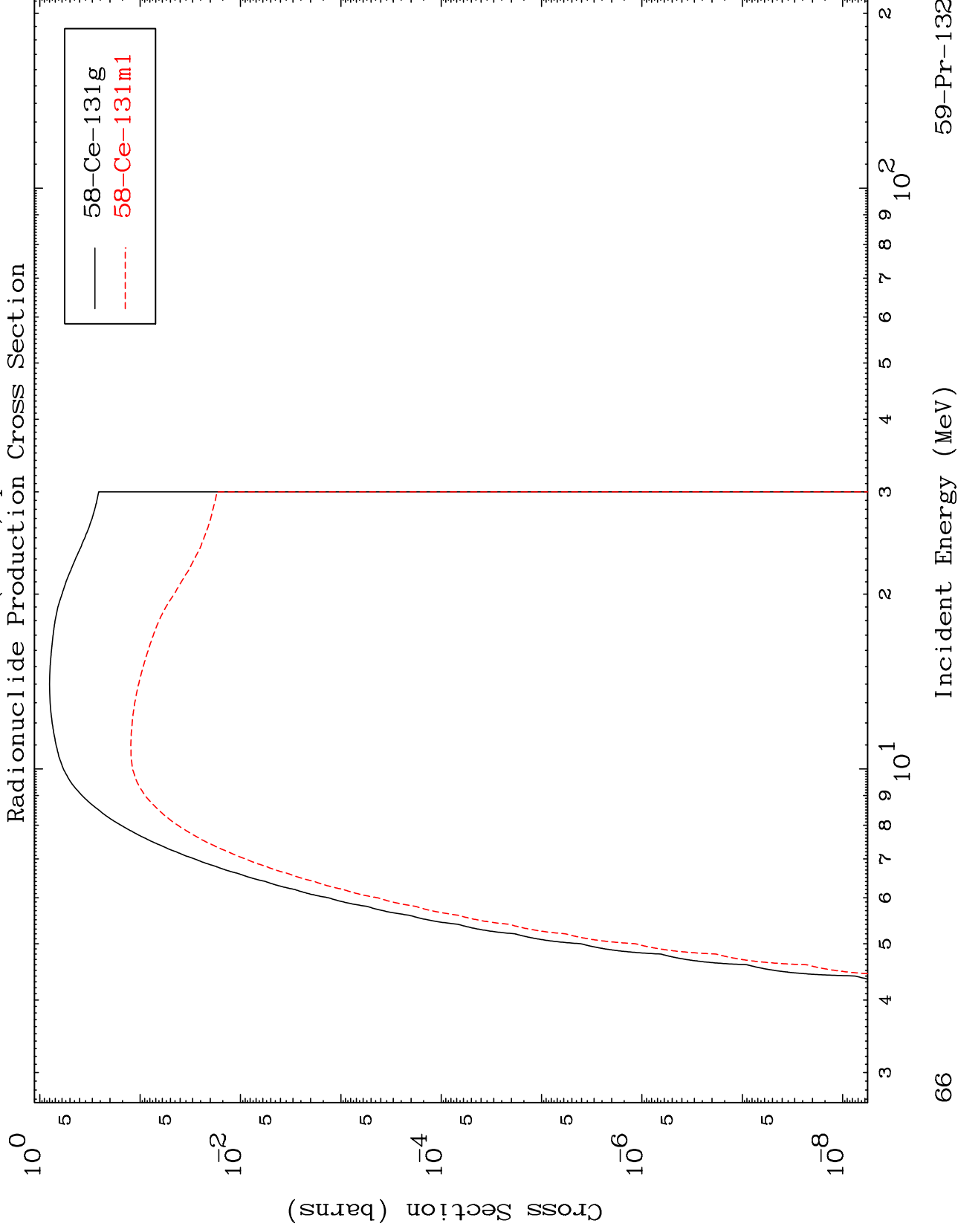
Incident Energy (MeV)

59-Pr-132

MAT 5898

(n,n') p

59-Pr-132



66

Incident Energy (MeV)

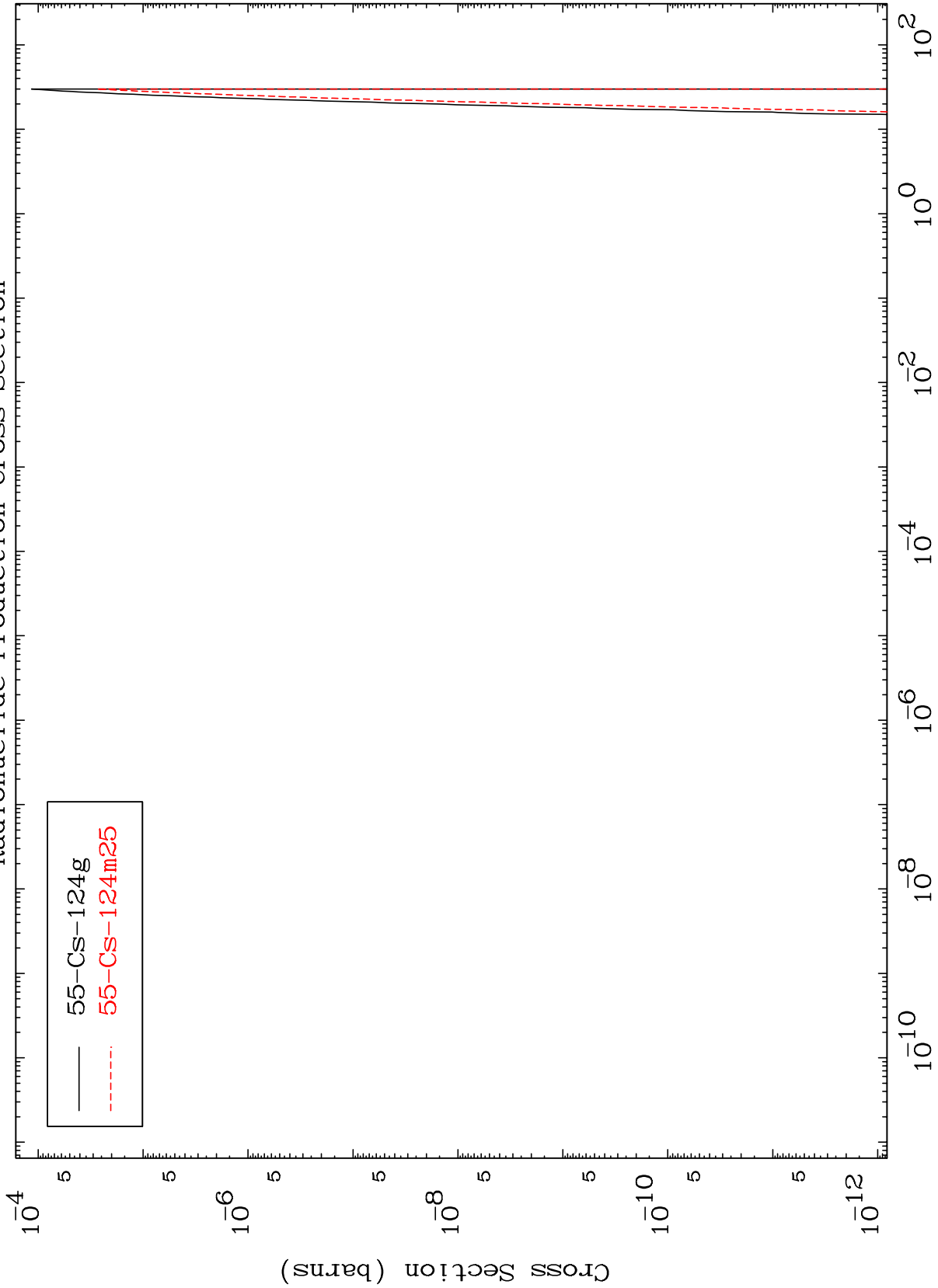
59-Pr-132

MAT 5898

(n,n') 2 α

59-Pr-132

Radionuclide Production Cross Section



67

Incident Energy (MeV)

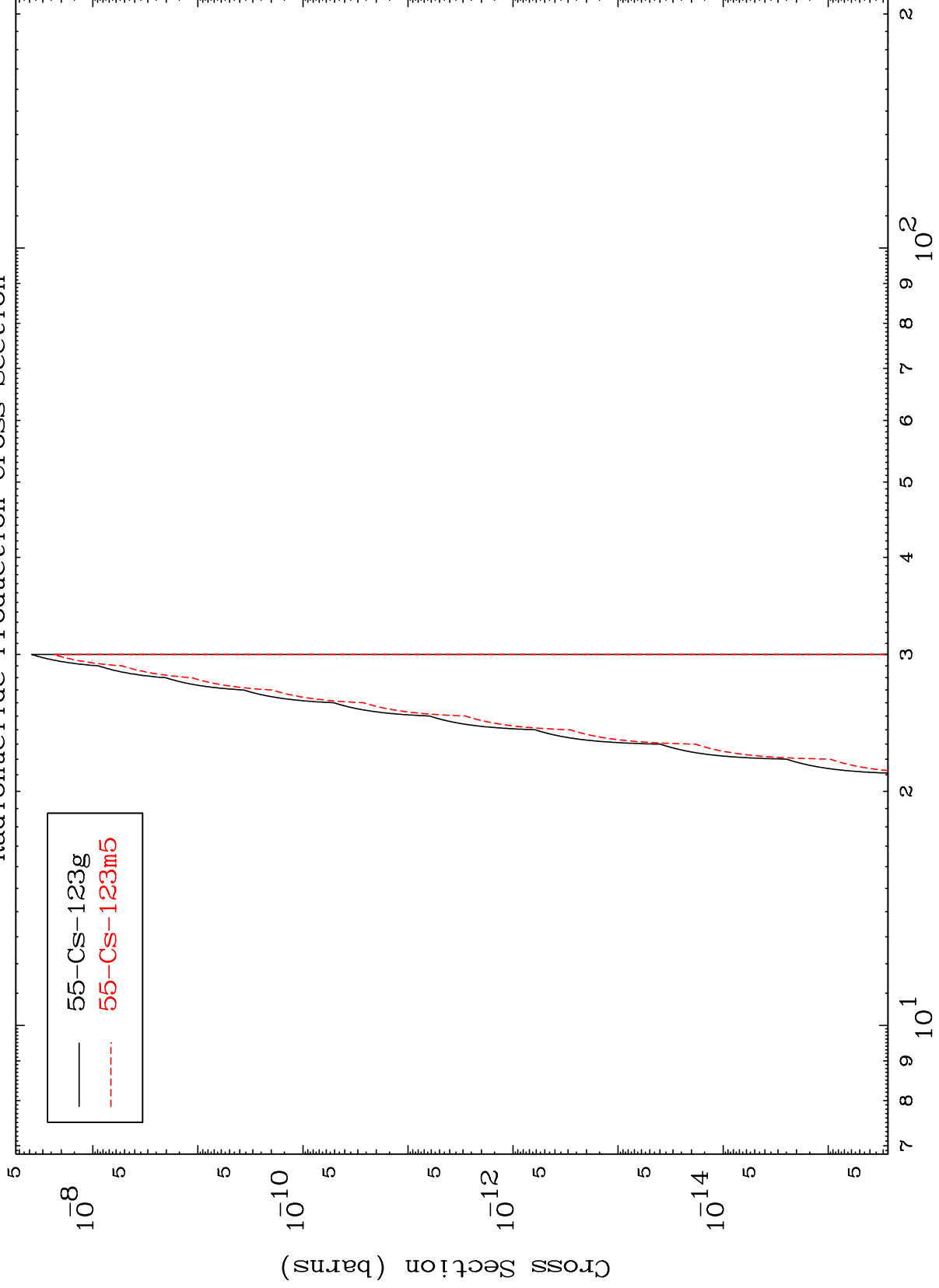
59-Pr-132

MAT 5898

$^{59}\text{Pr-132}$

$(n,2n) 2\alpha$

Radionuclide Production Cross Section



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Incident Energy (MeV)

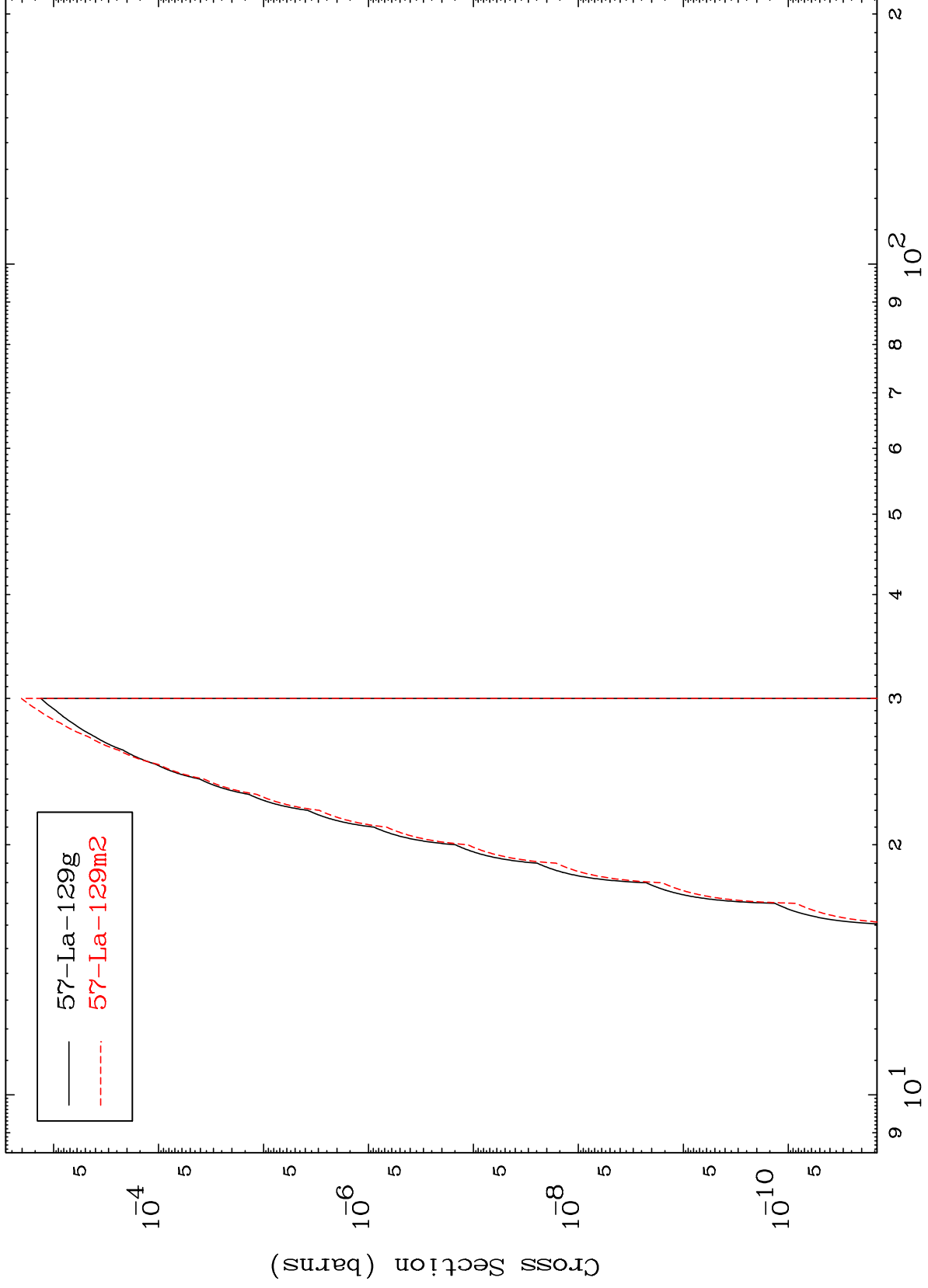
$^{59}\text{Pr-132}$

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(n,n') He-3

59-Pr-132

Radionuclide Production Cross Section



69

Incident Energy (MeV)

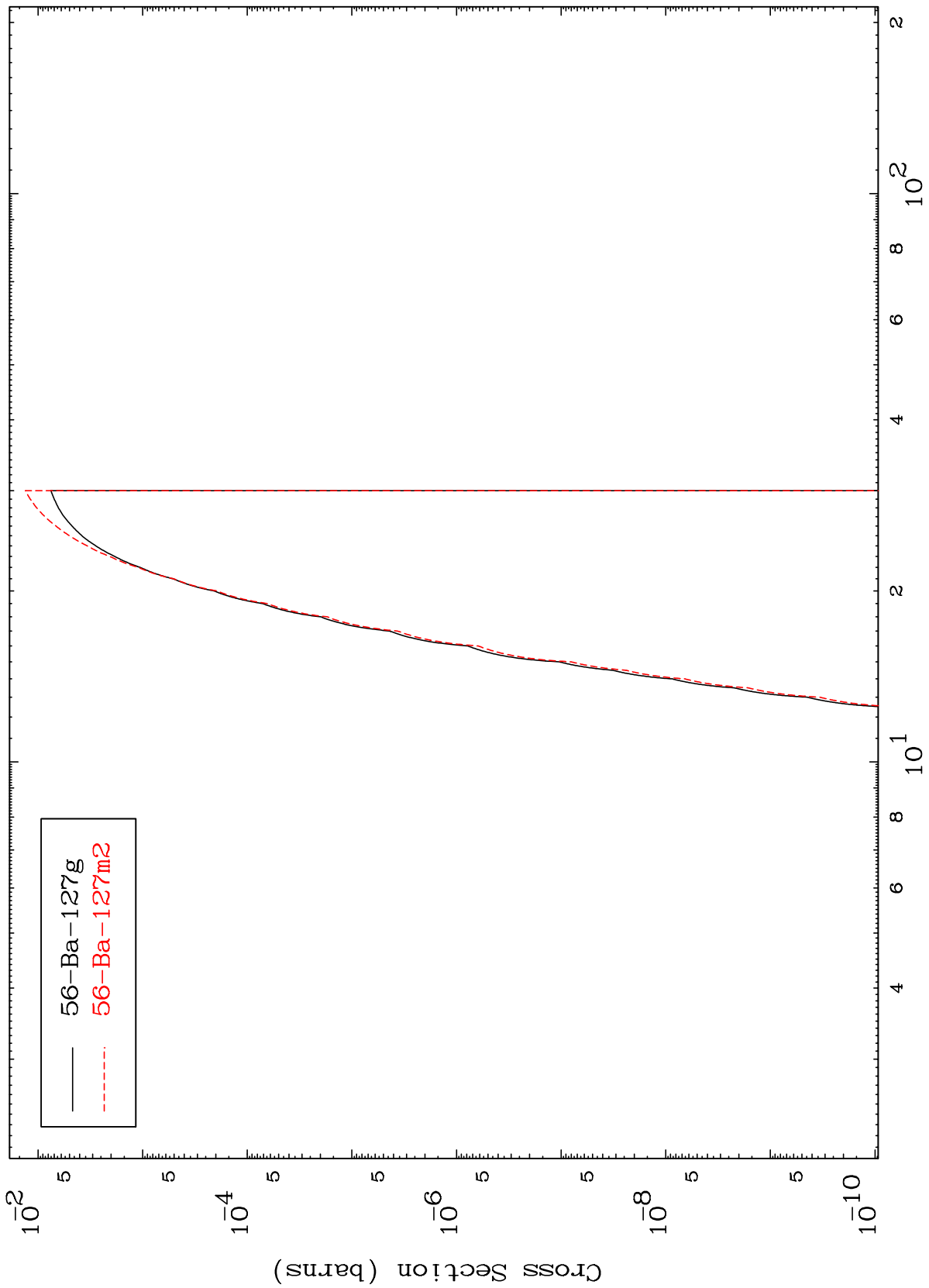
59-Pr-132

MAT 5898

(n,n') p α

59-Pr-132

Radionuclide Production Cross Section



70

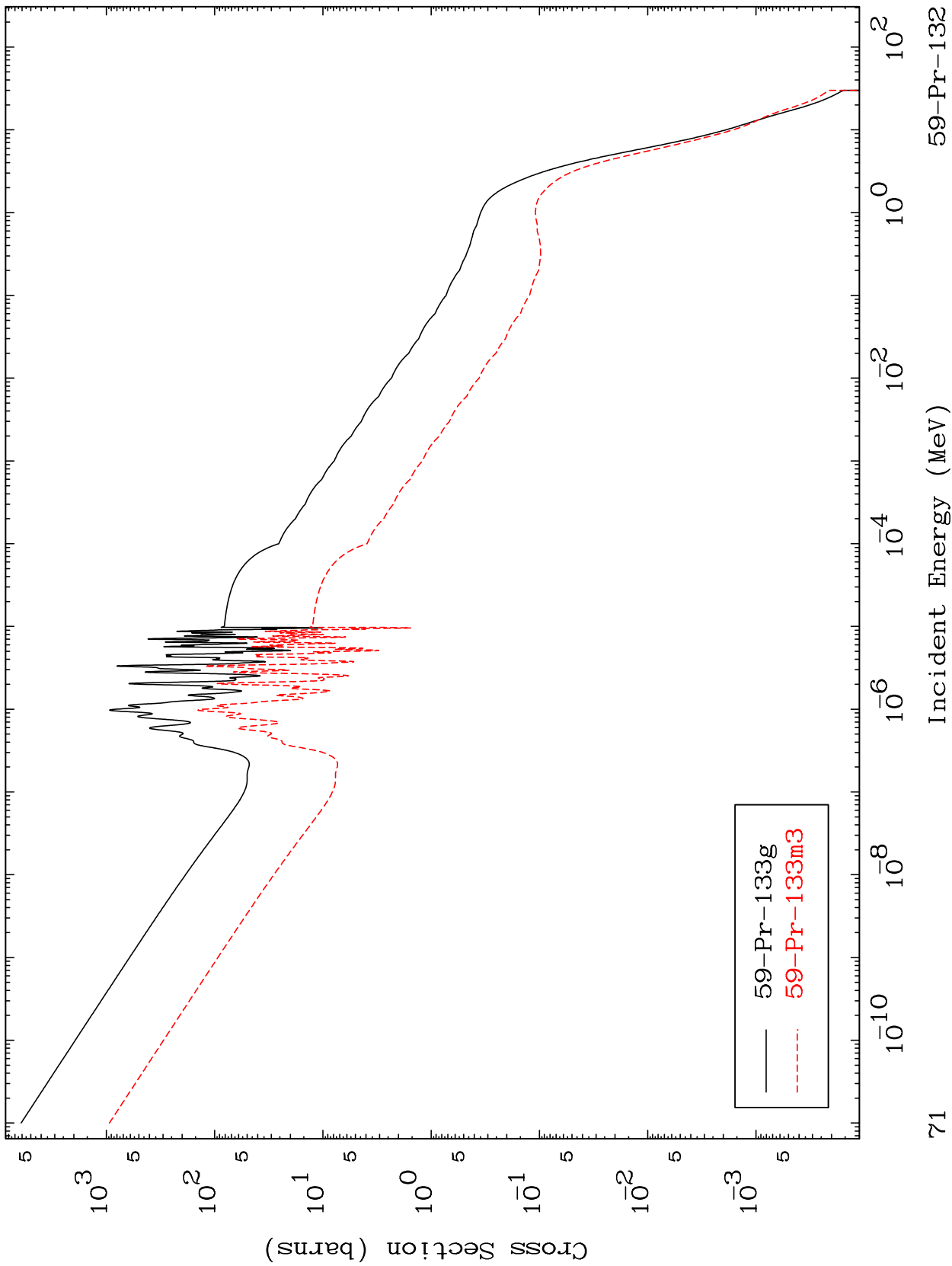
Incident Energy (MeV)

59-Pr-132

MAT 5898

59-Pr-132

(n, γ)
Radionuclide Production Cross Section

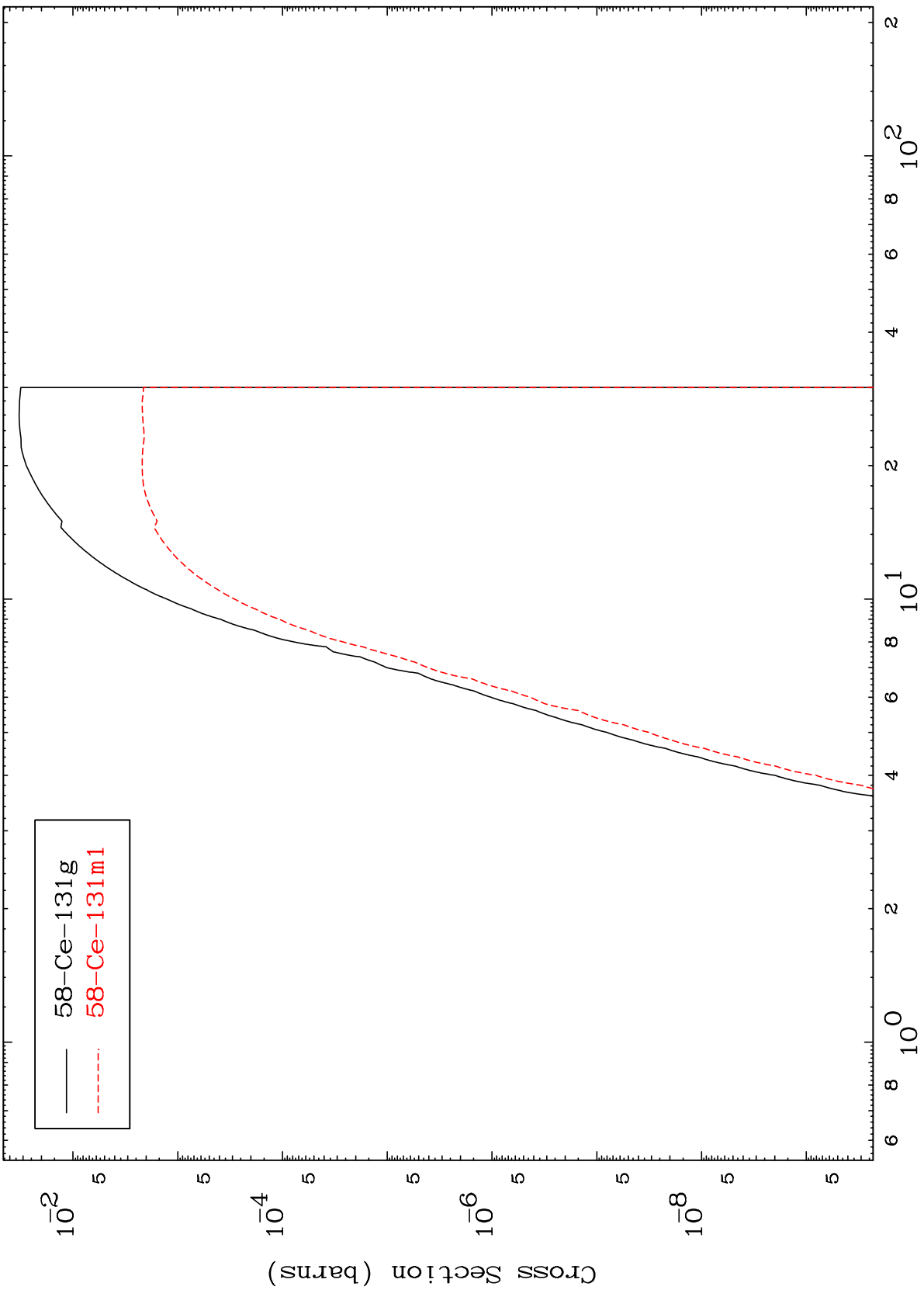
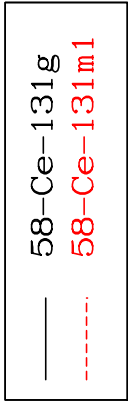


MAT 5898

(n,d)

59-Pr-132

Radionuclide Production Cross Section



72

Incident Energy (MeV)

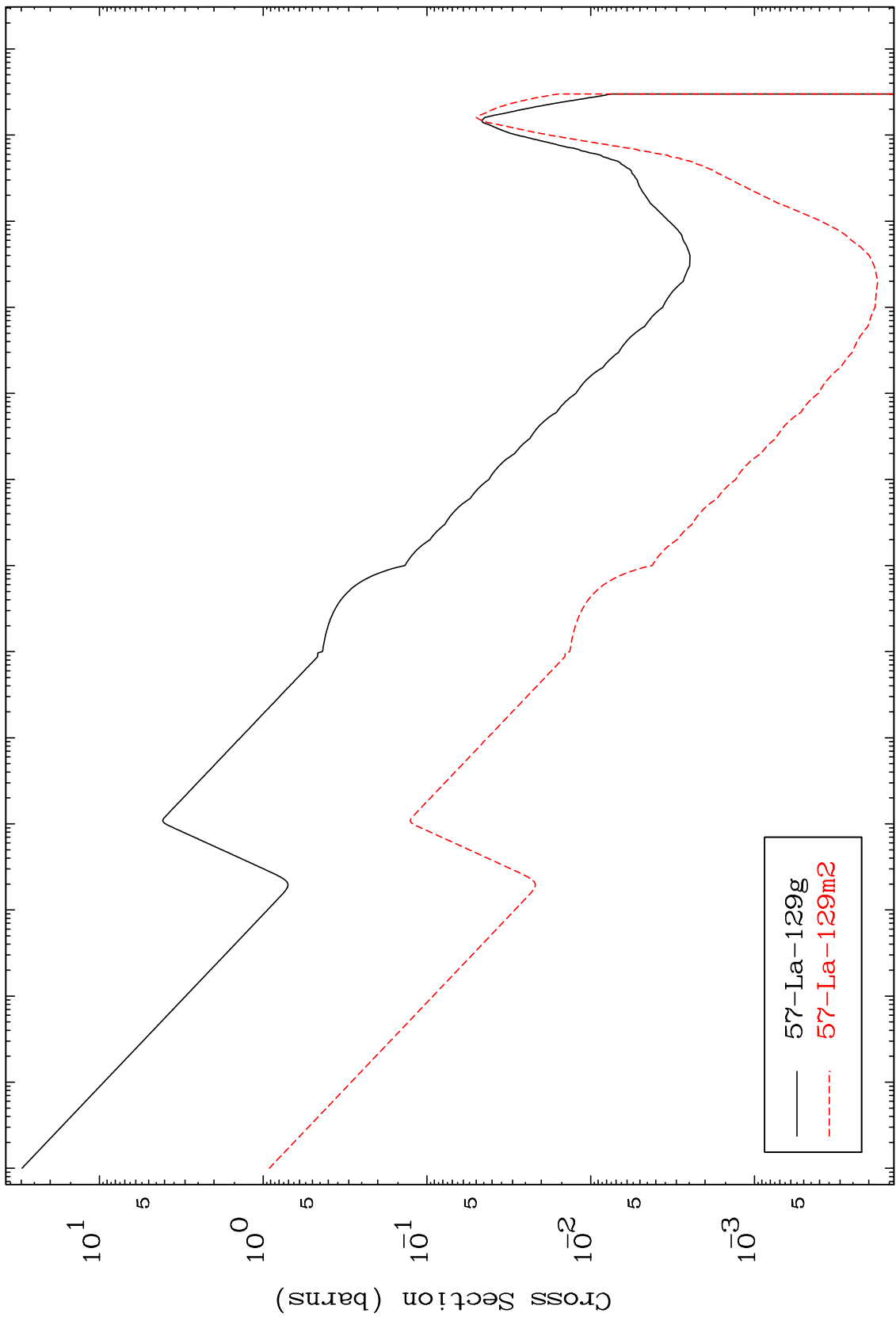
59-Pr-132

MAT 5898

59-Pr-132

Radionuclide Production Cross Section

(n, α)



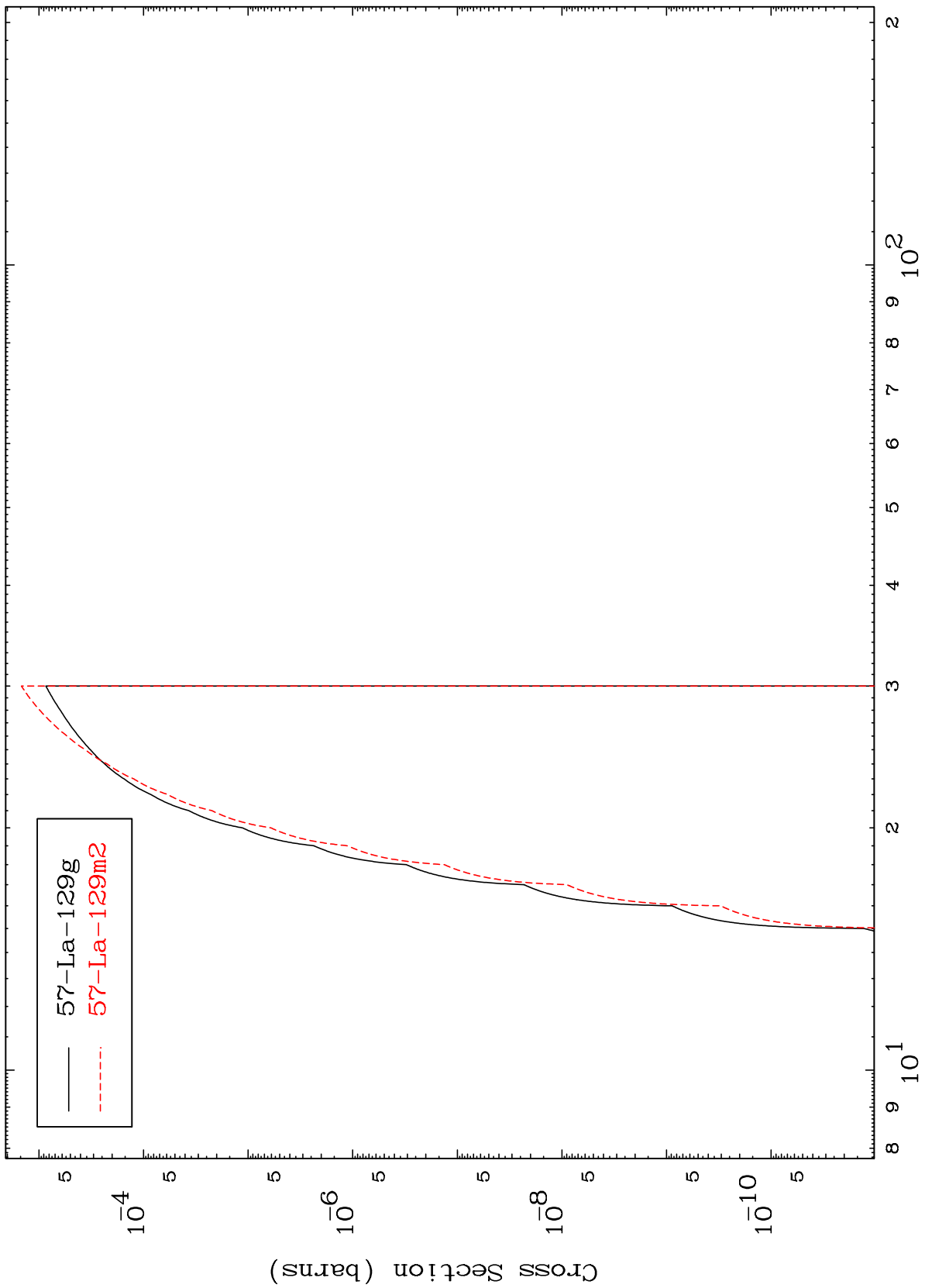
59-Pr-132

Incident Energy (MeV)

59-Pr-132

— 57-La-129g
- - - 57-La-129m2

Radionuclide Production Cross Section

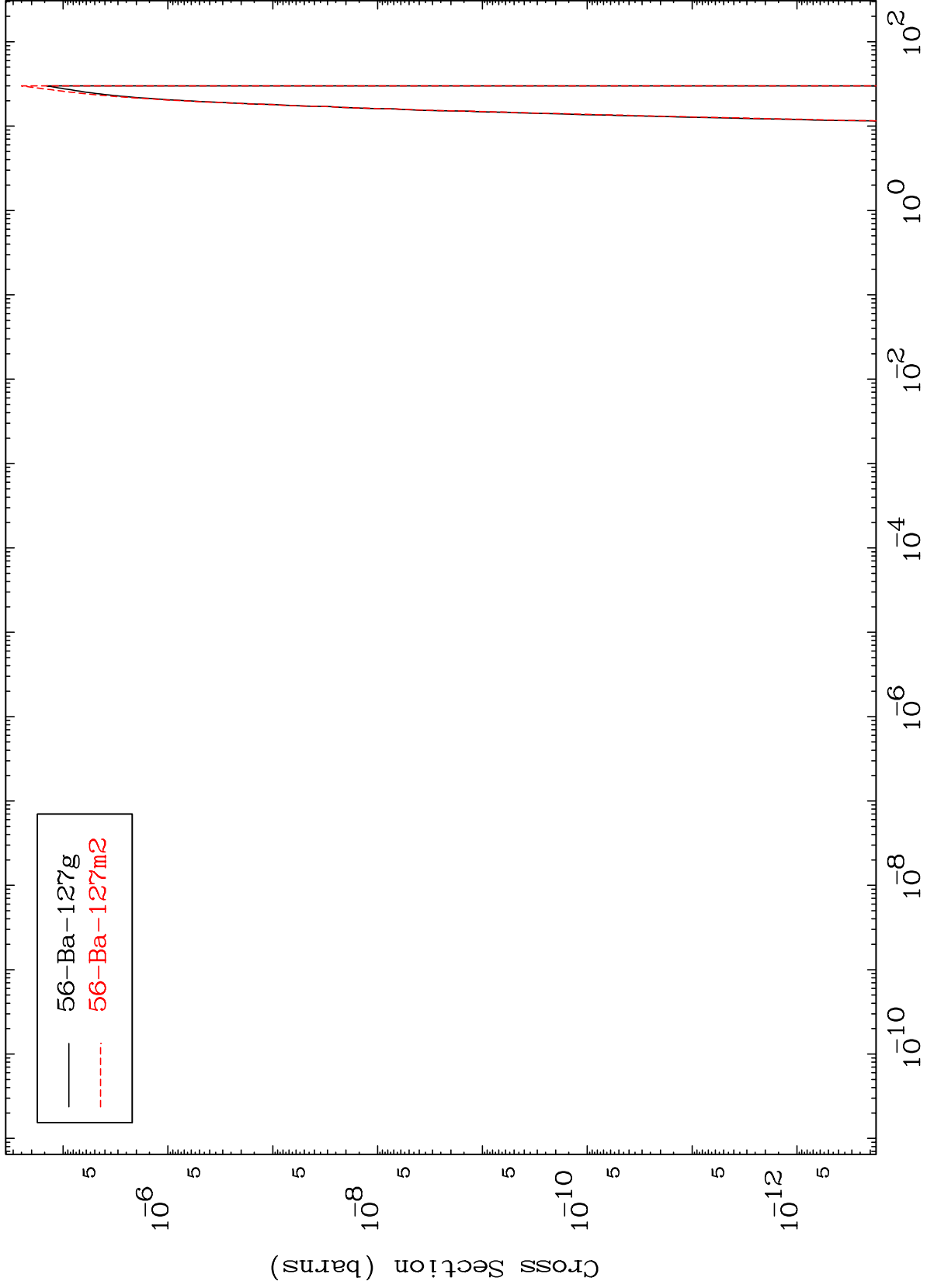


MAT 5898

(n,d) α

59-Pr-132

Radionuclide Production Cross Section



75

Incident Energy (MeV)

59-Pr-132