

Program EVALPLOT
(Version 2021-1)

by

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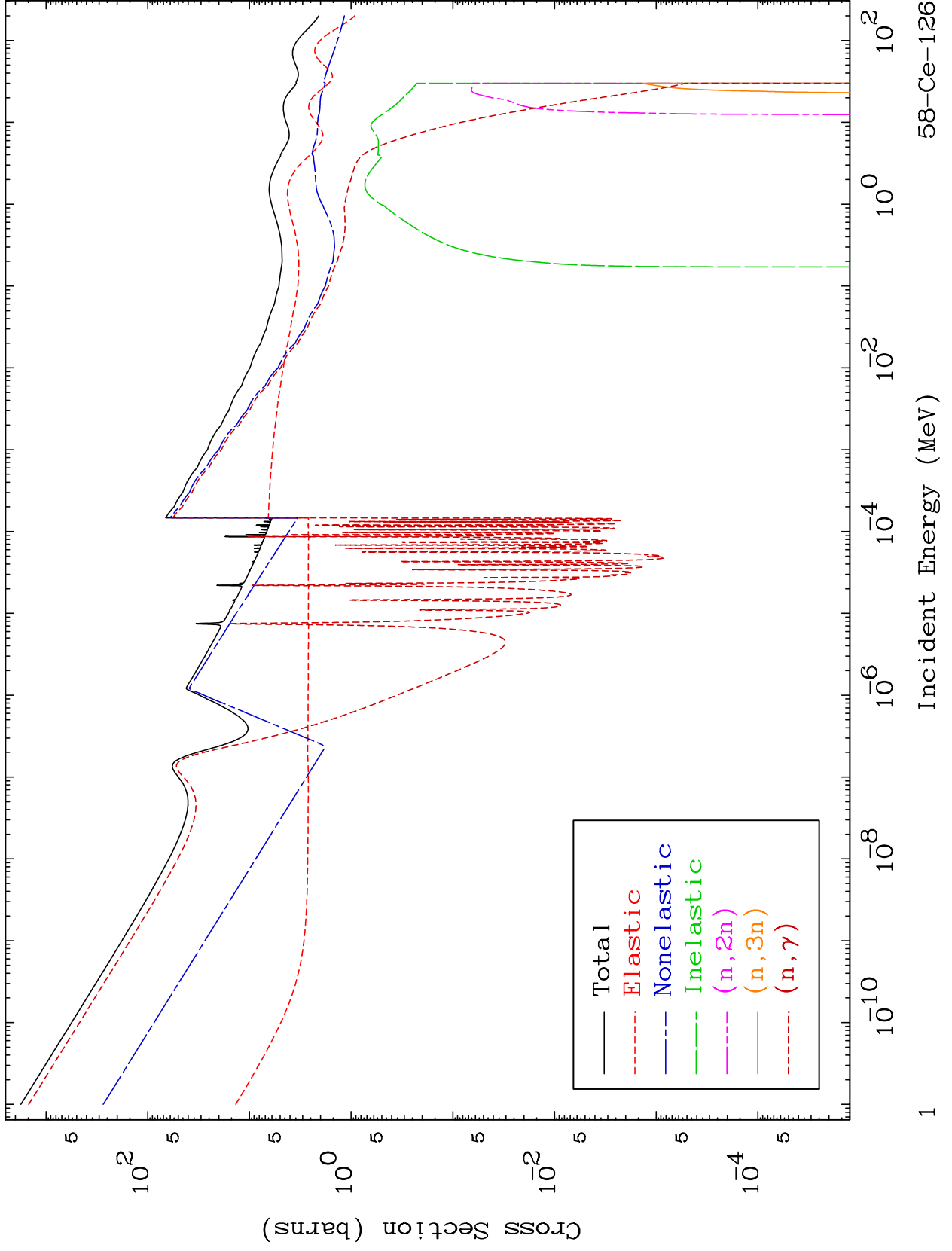
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Press Mouse Button to Start

MAT 5795

Neutron Major
293 Kelvin Cross Sections

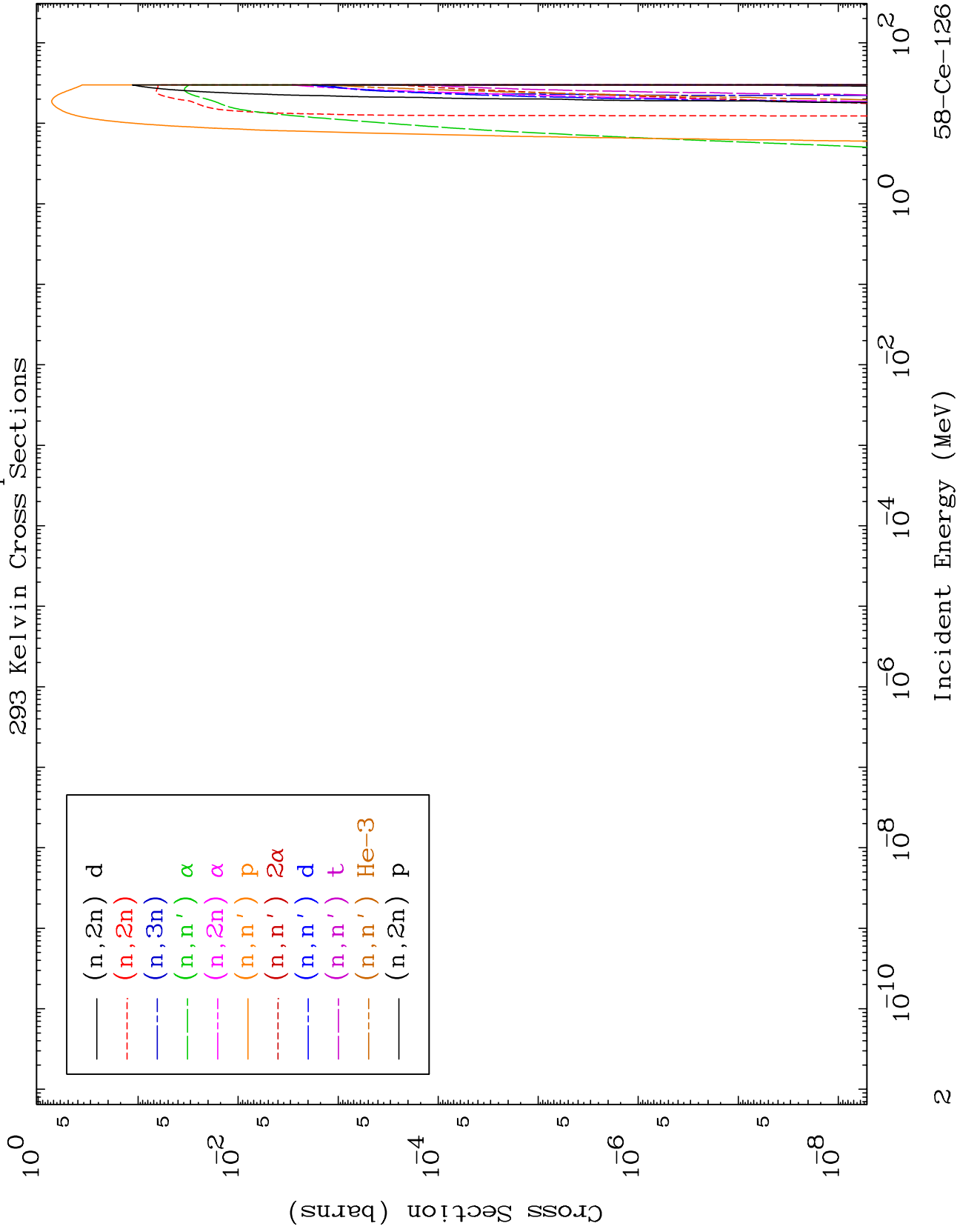
58-Ce-126

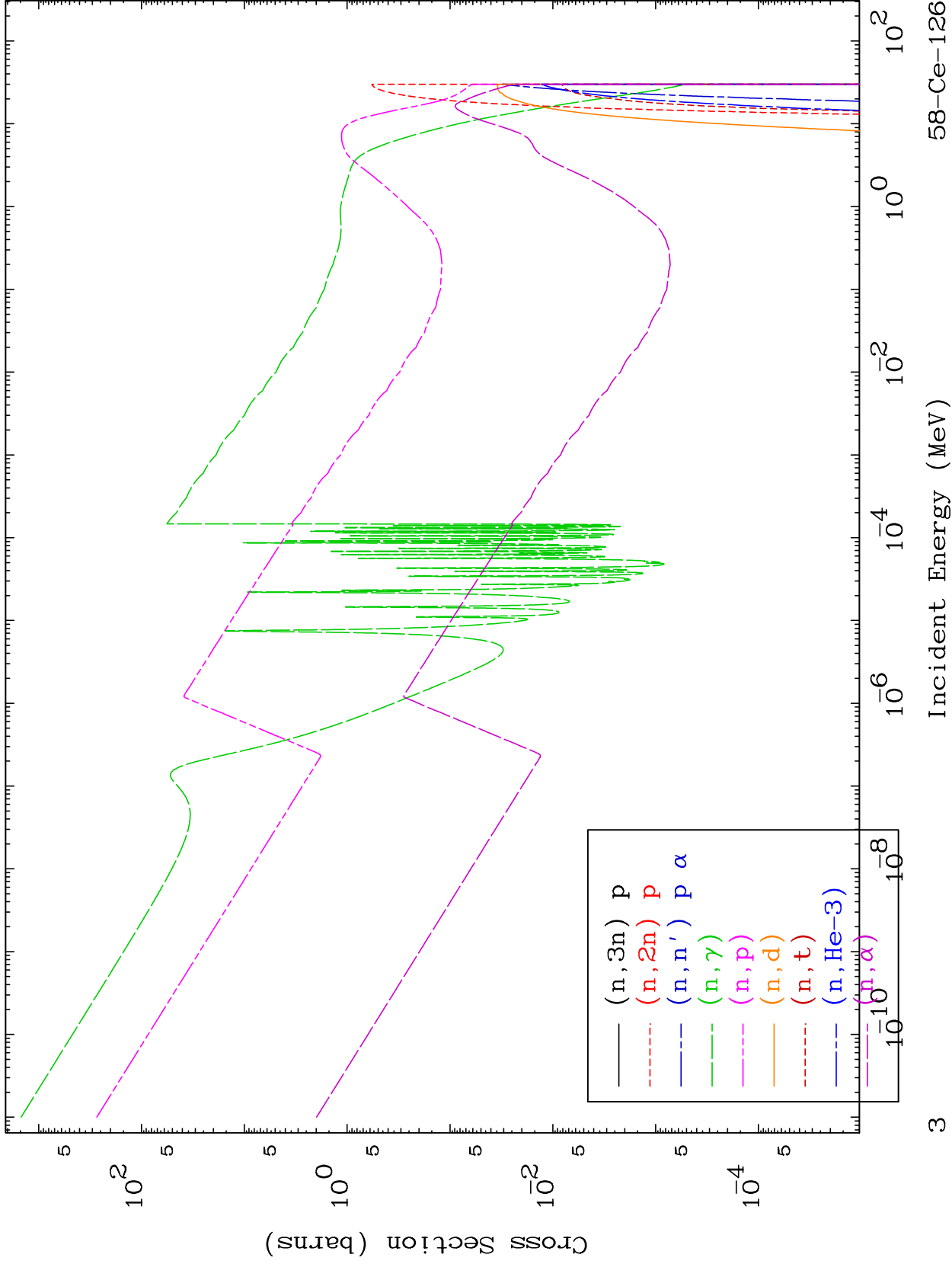


MAT 5795

Neutron Absorption
293 Kelvin Cross Sections

58-Ce-126

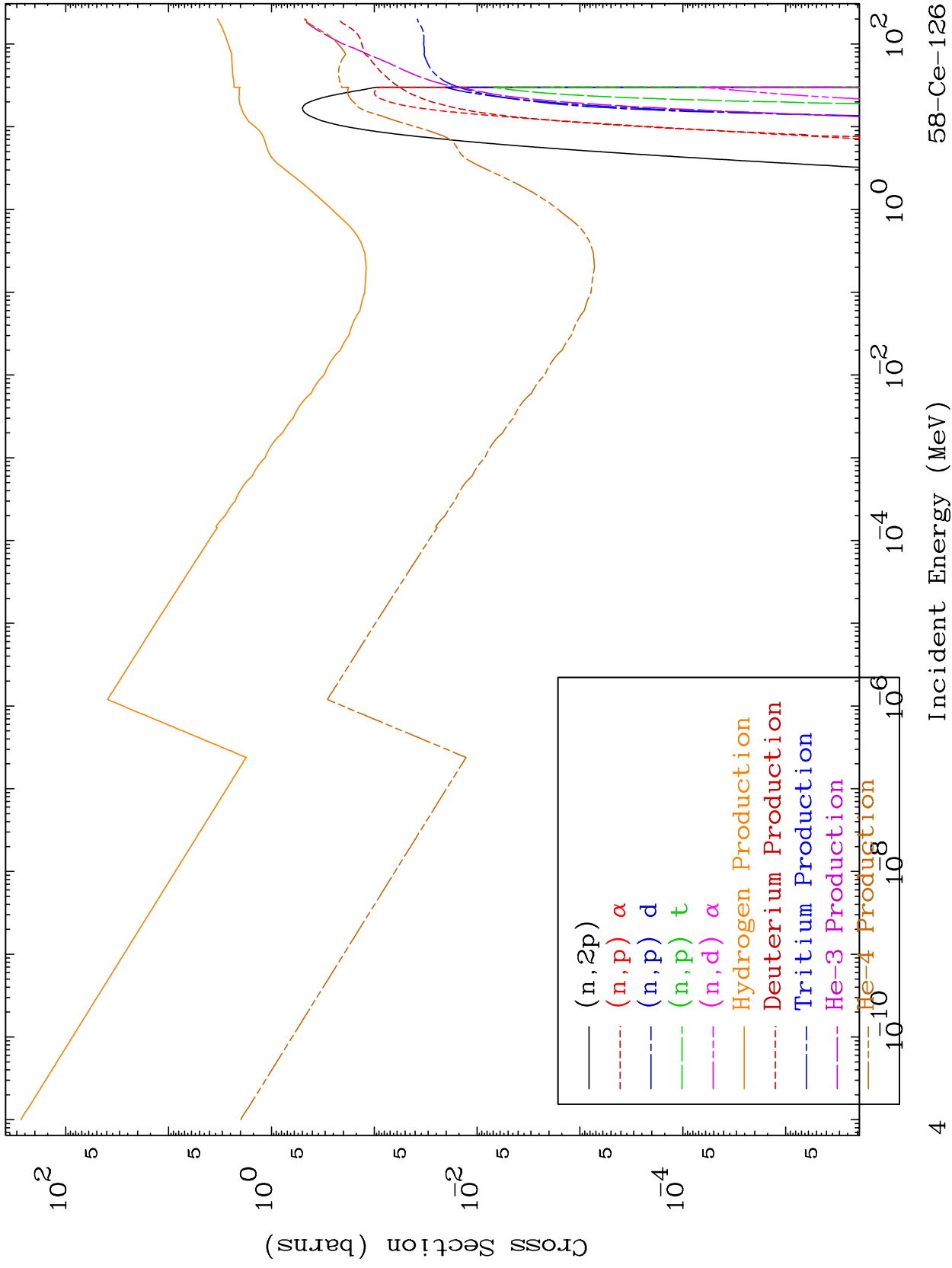




MAT 5795

Neutron Absorption
293 Kelvin Cross Sections

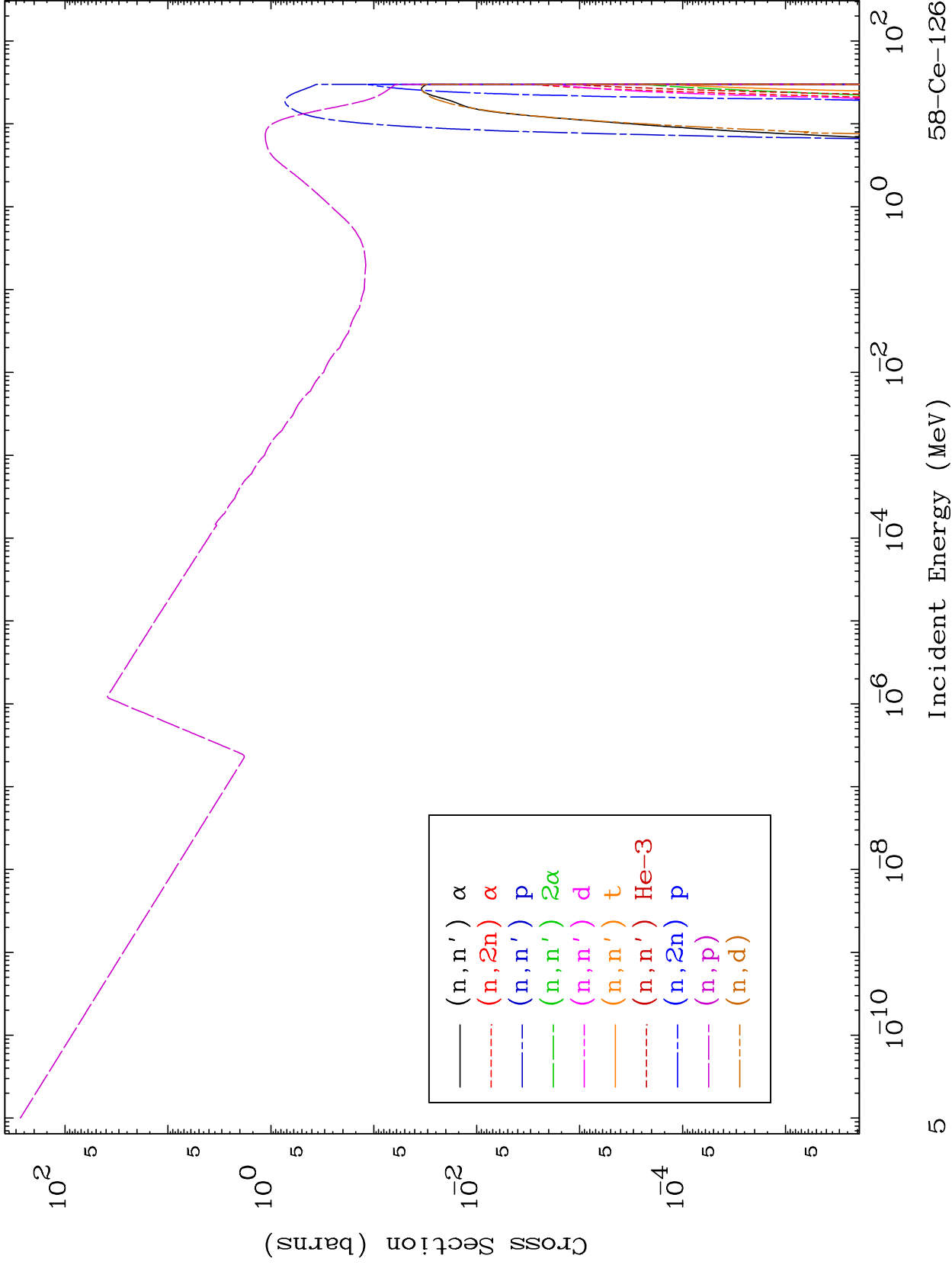
58-Ce-126



MAT 5795

Charged Particle
293 Kelvin Cross Sections

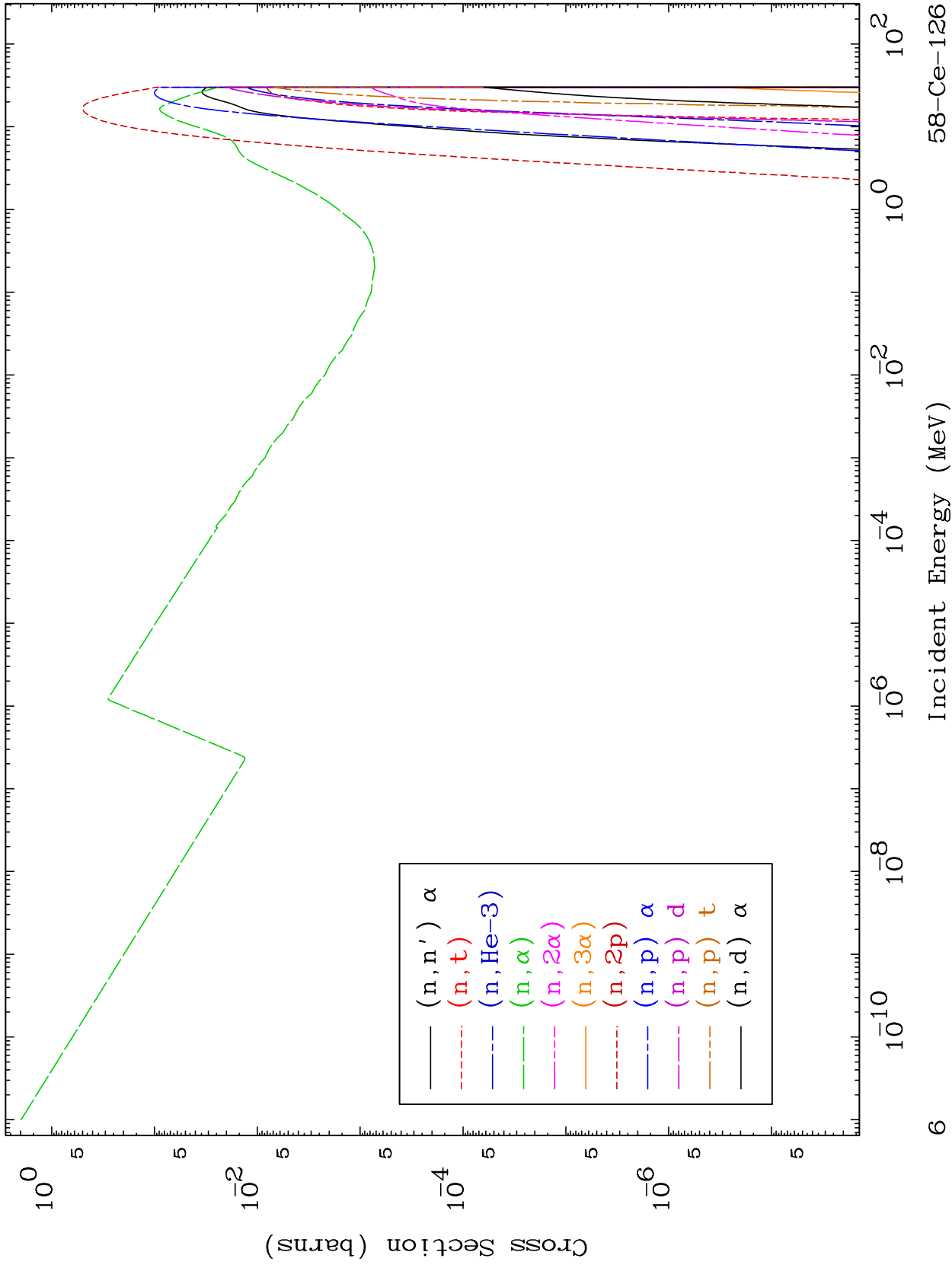
58-Ce-126



MAT 5795

Charged Particle
293 Kelvin Cross Sections

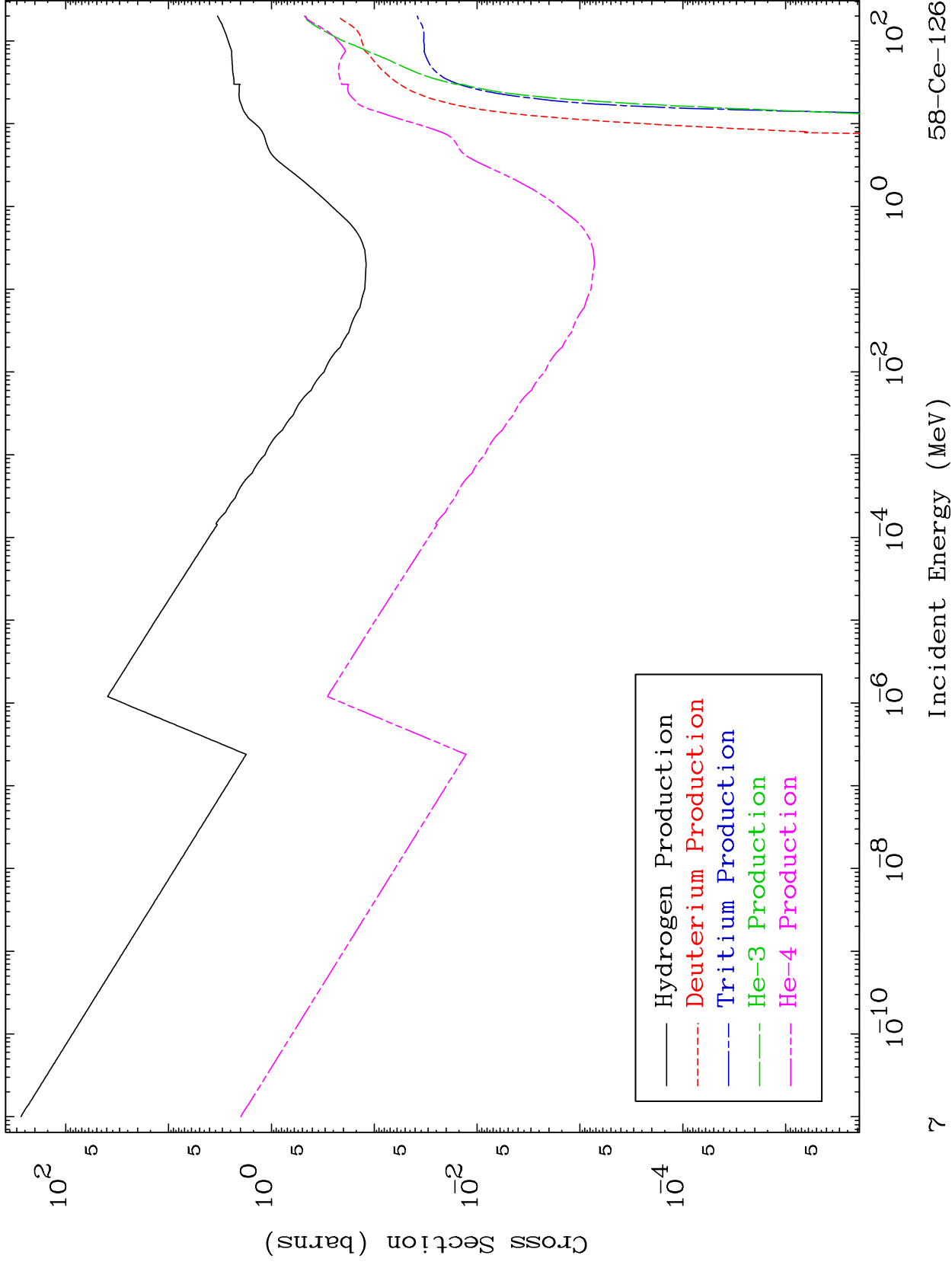
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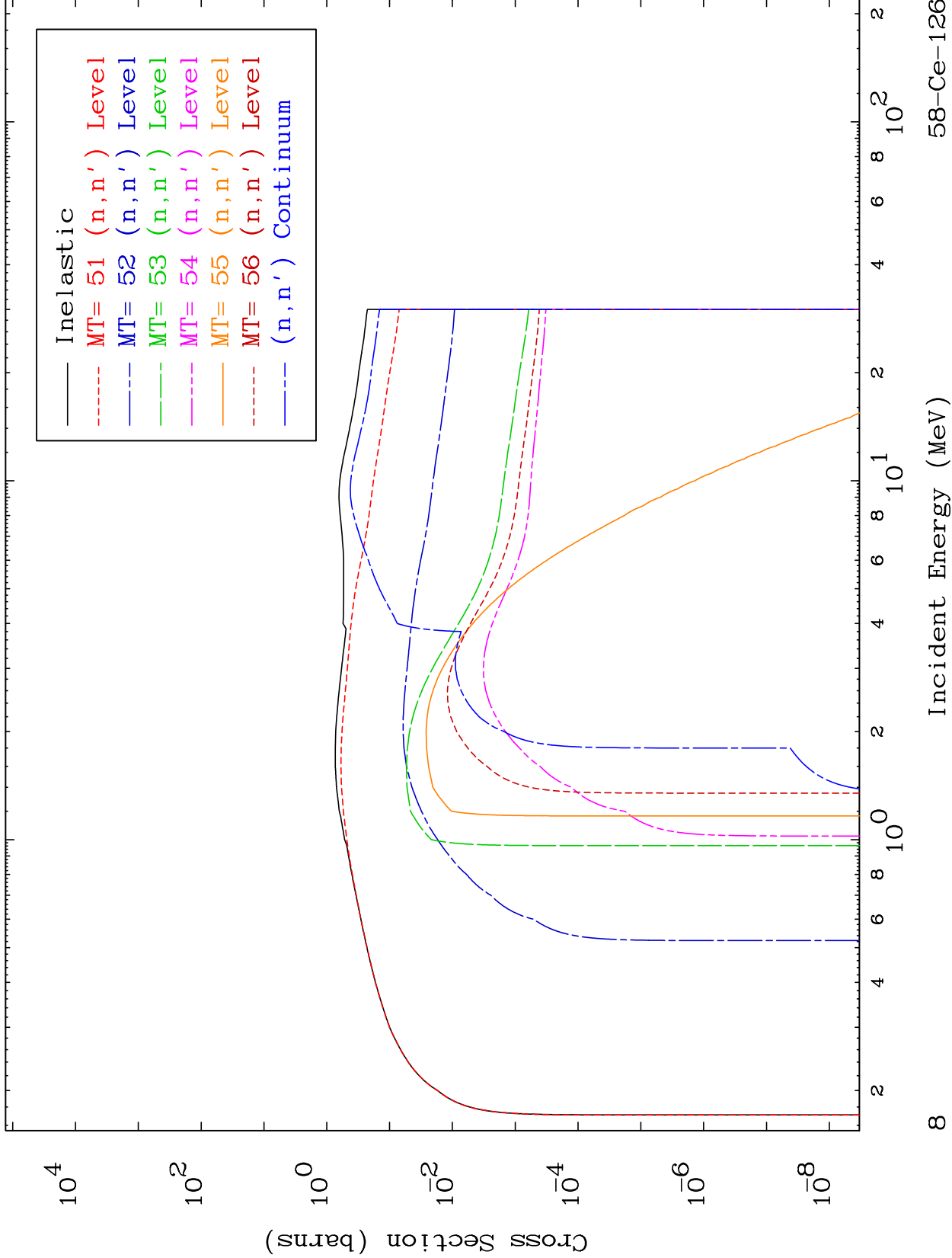


MAT 5795

Particle Production
293 Kelvin Cross Sections

58-Ce-126

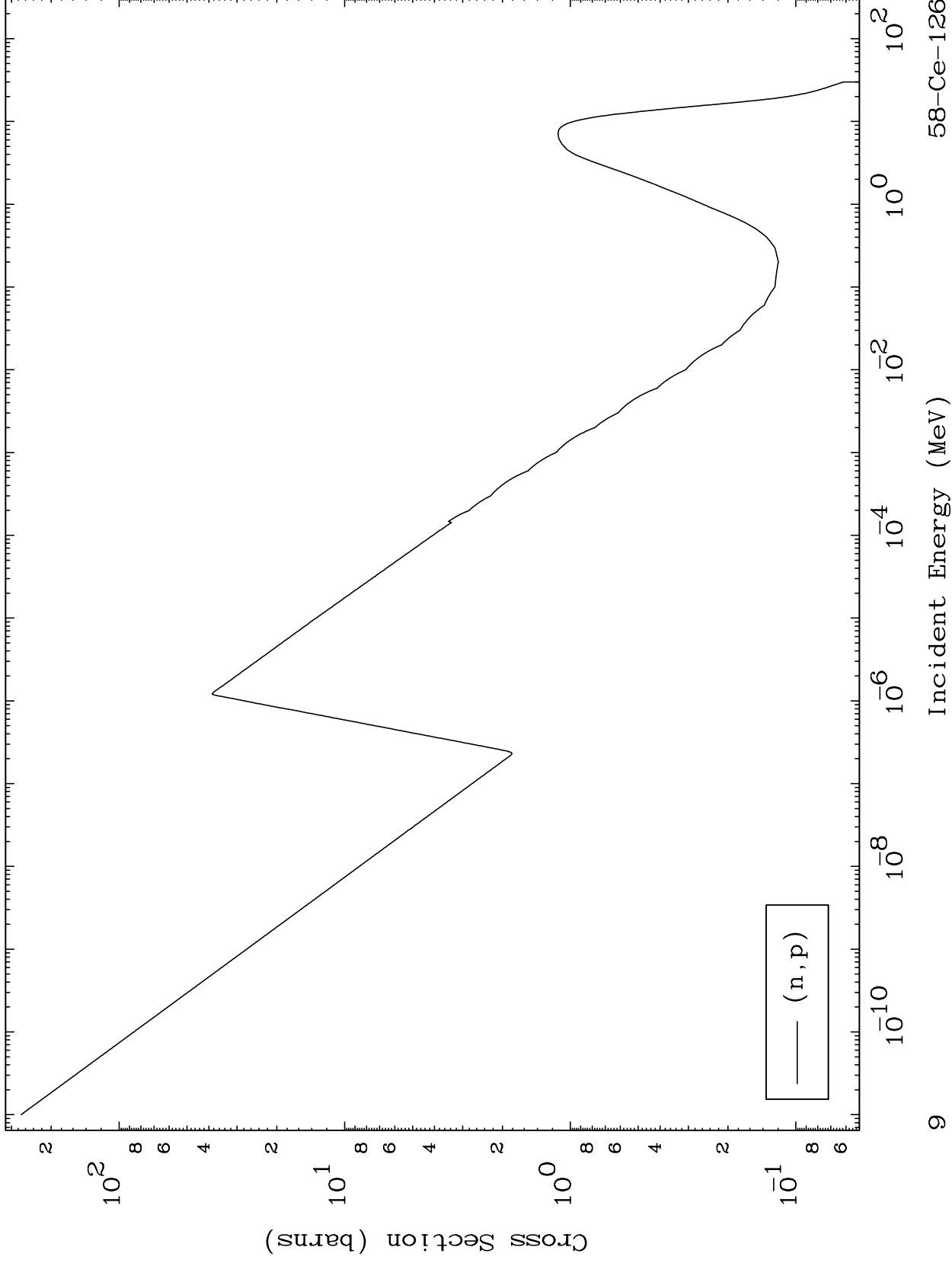




MAT 5795

(n,p) Levels
293 Kelvin Cross Sections

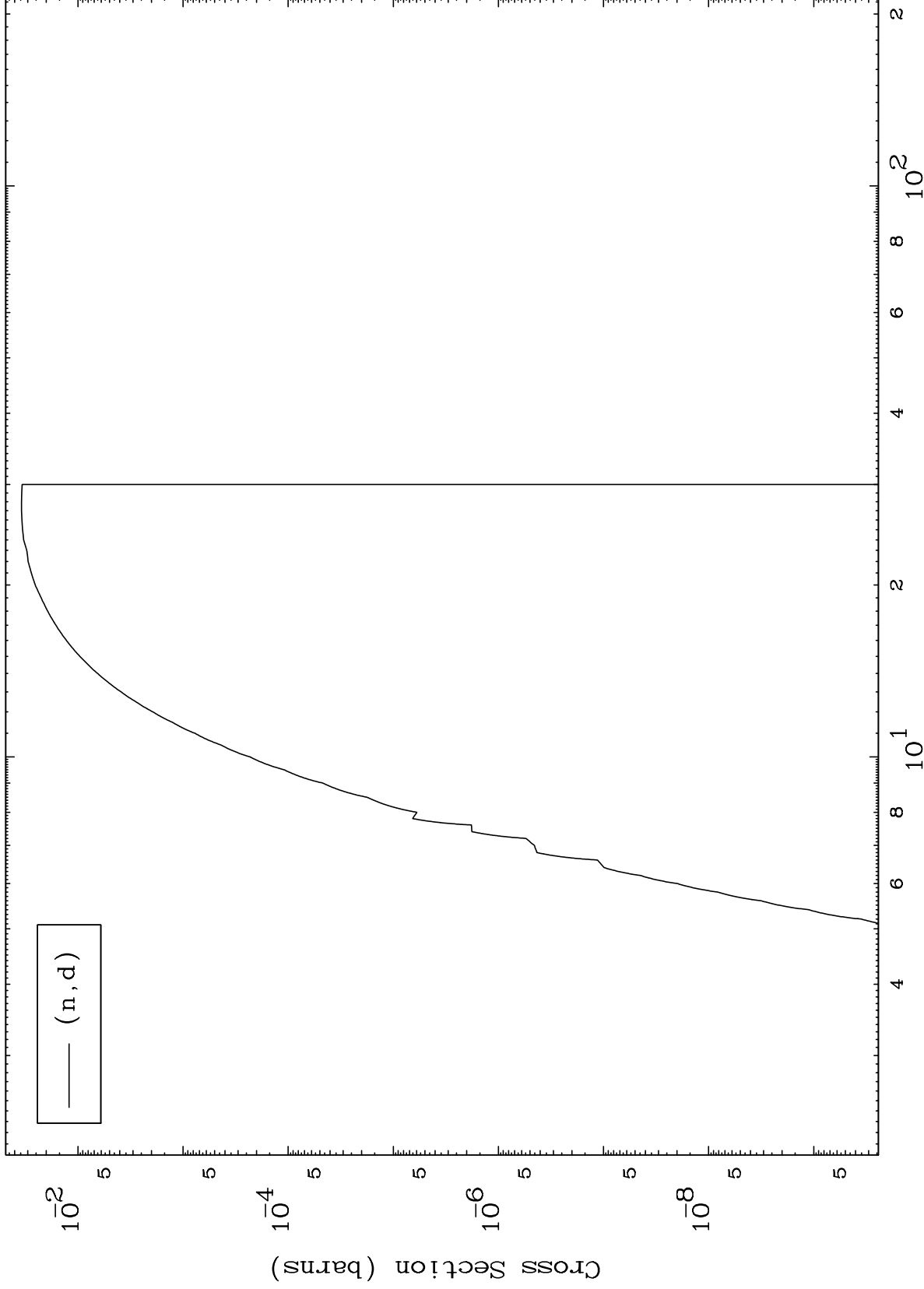
58-Ce-126



MAT 5795

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-126



10

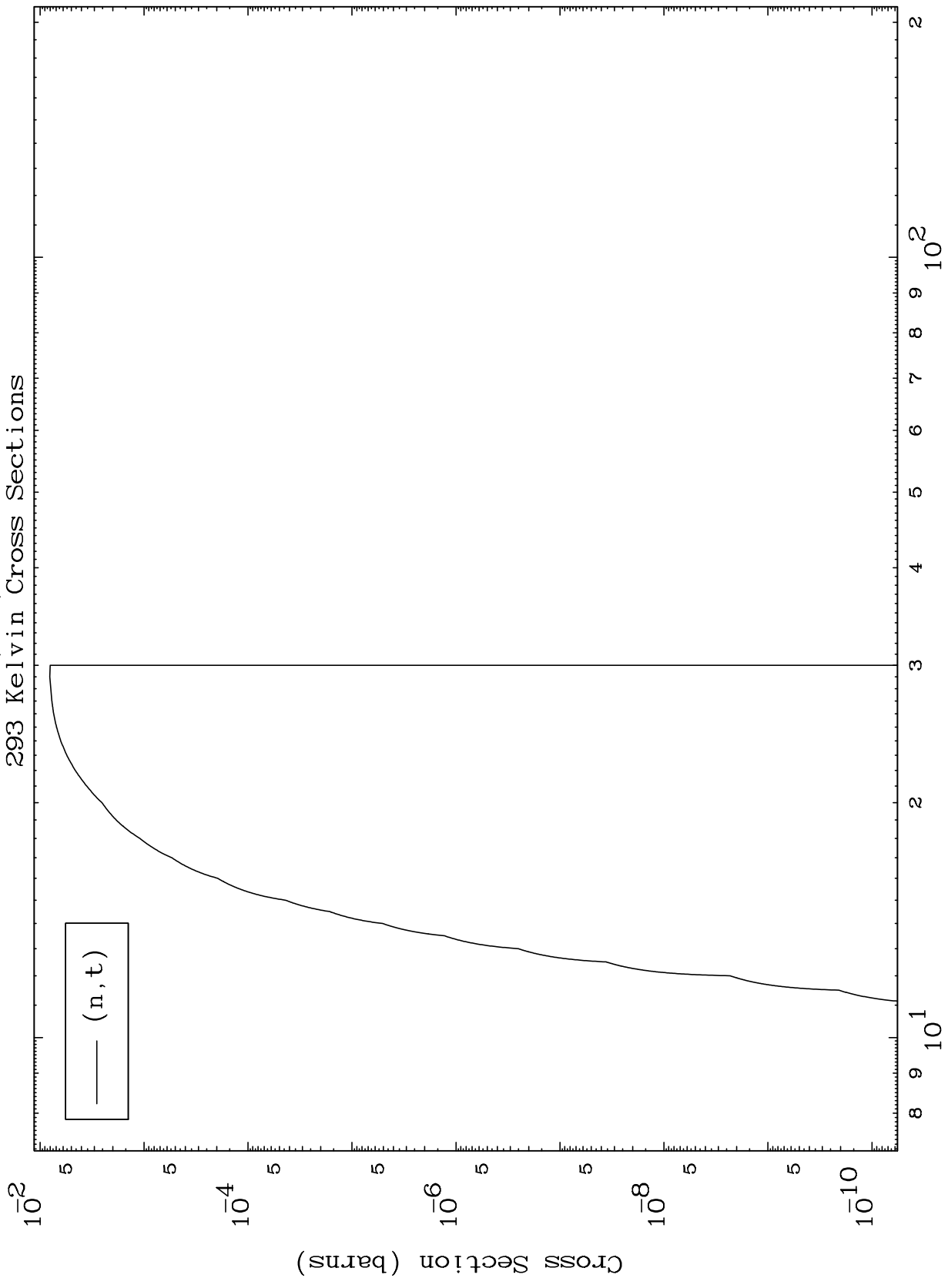
Incident Energy (MeV)

58-Ce-126

MAT 5795

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-126



11

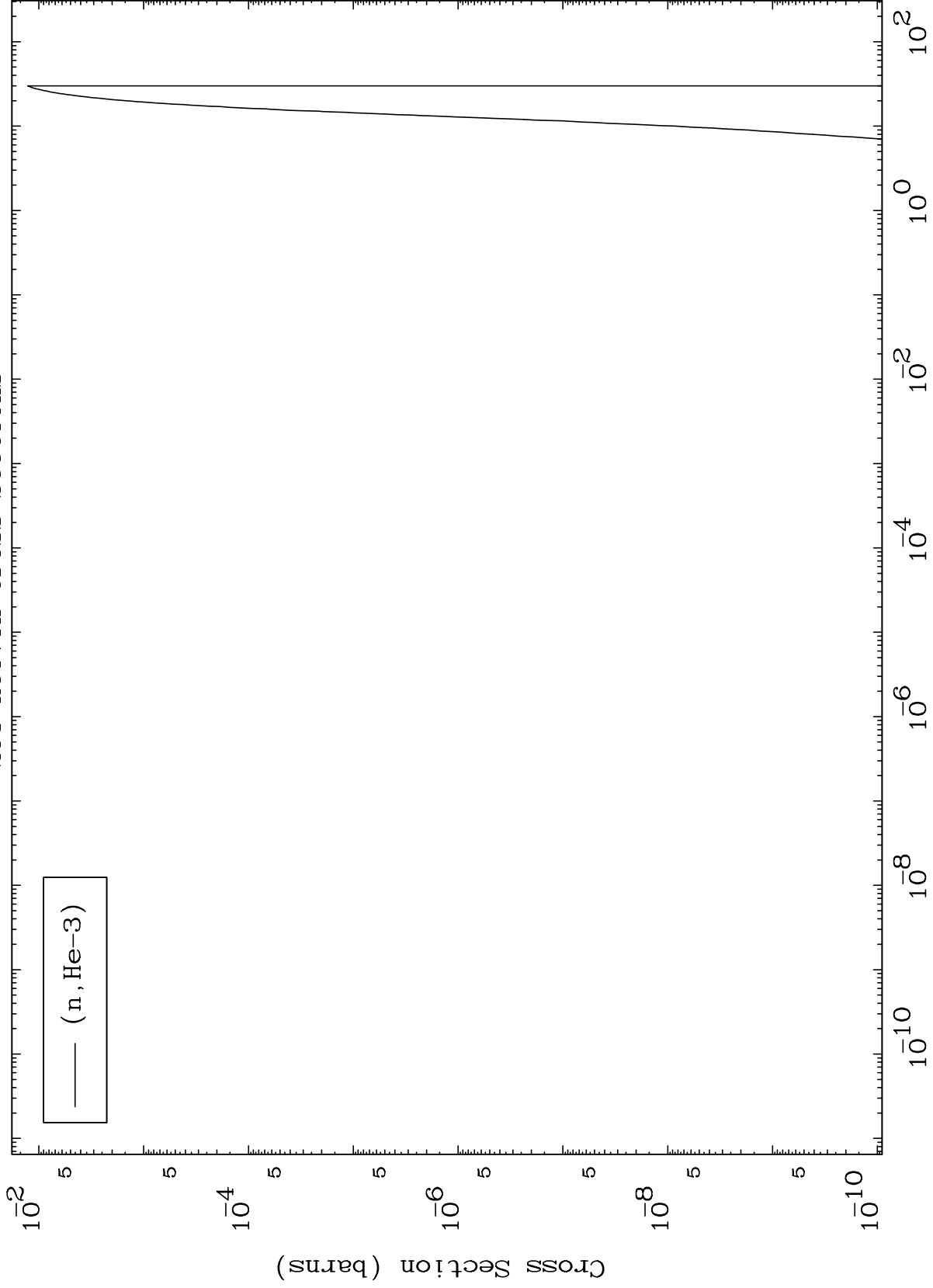
Incident Energy (MeV)

58-Ce-126

MAT 5795

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-126



12

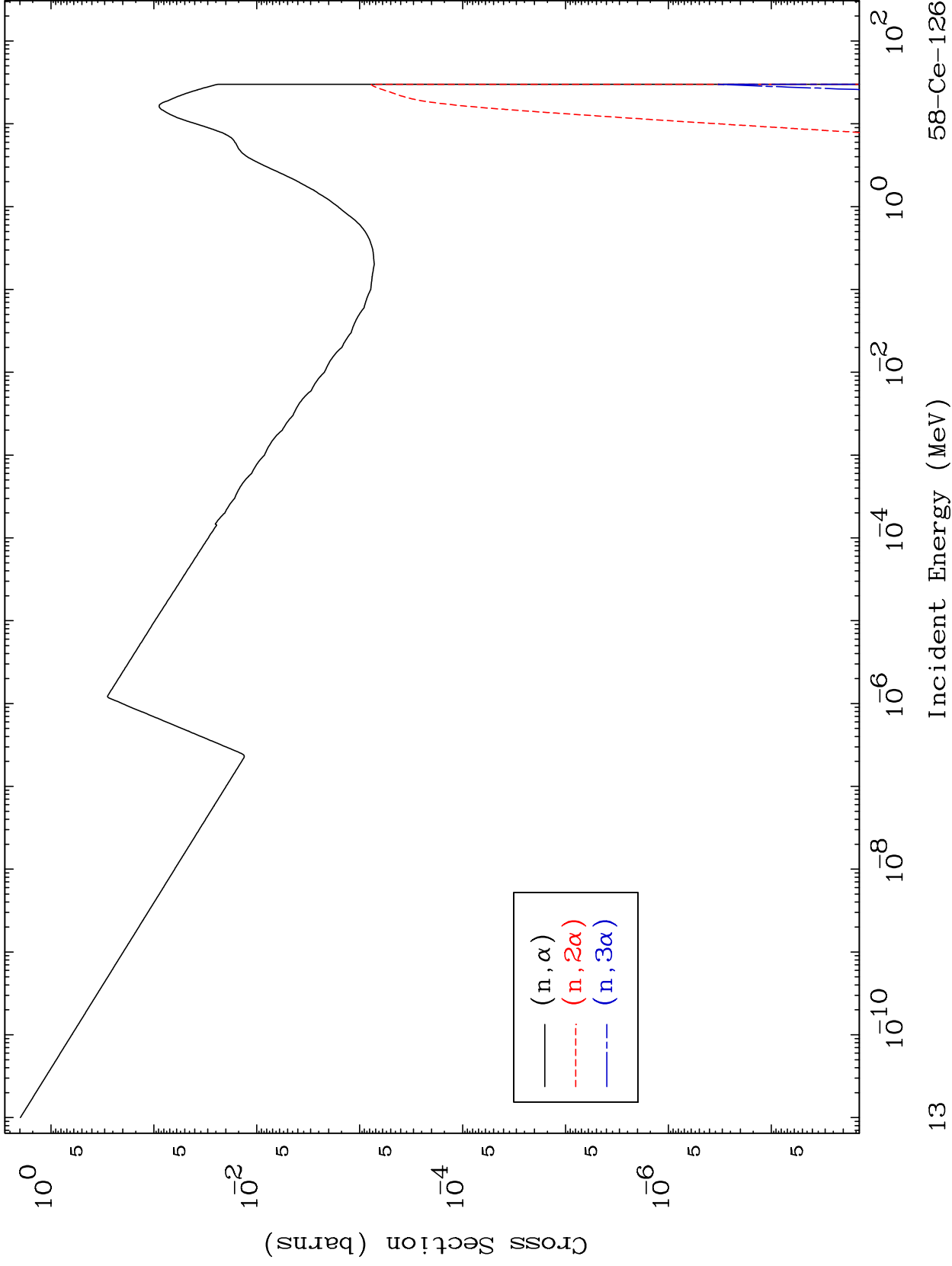
Incident Energy (MeV)

58-Ce-126

MAT 5795

(n, α) Levels
293 Kelvin Cross Sections

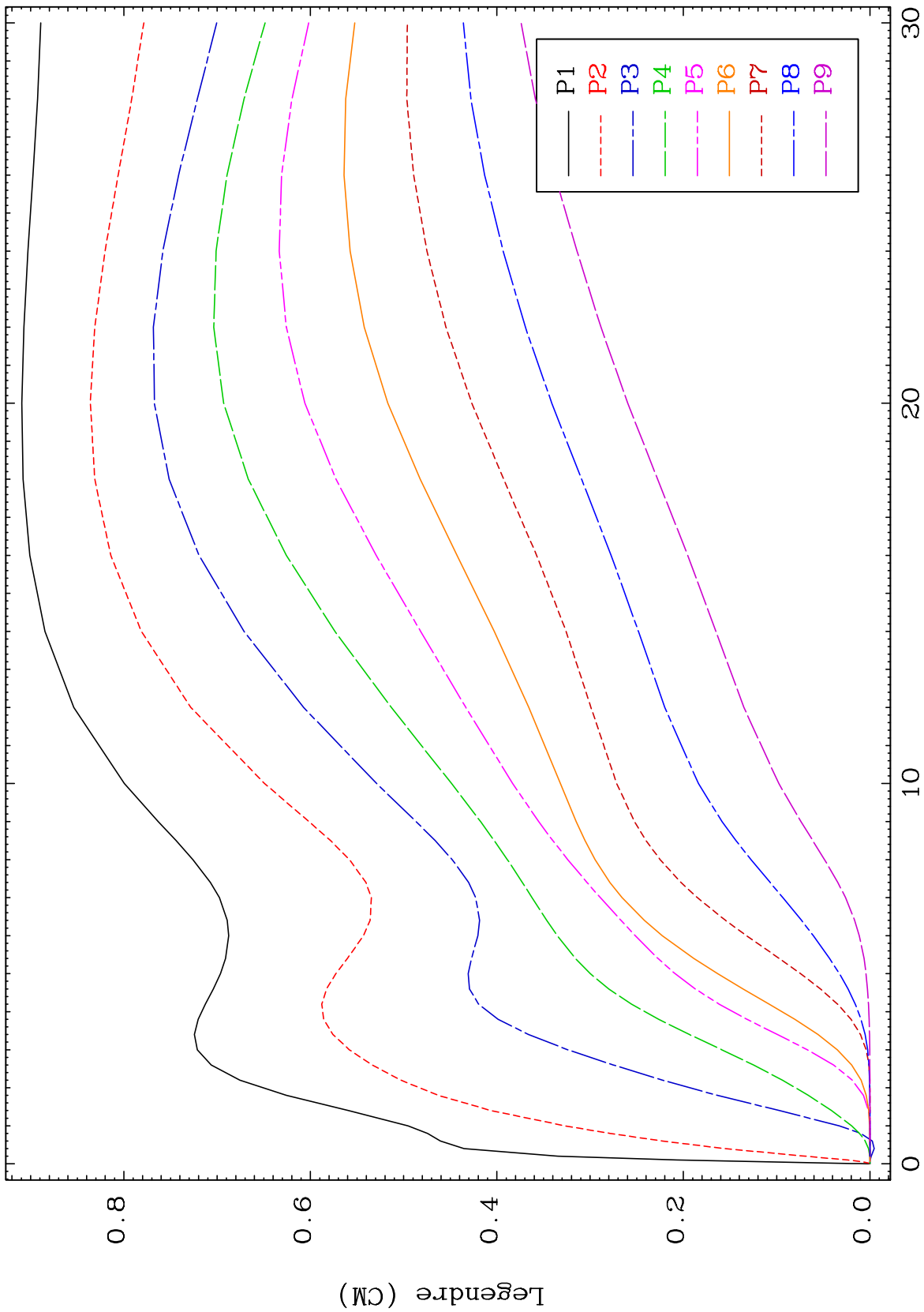
58-Ce-126



MAT 5795

Elastic Legendre Coefficients

58-Ce-126



14

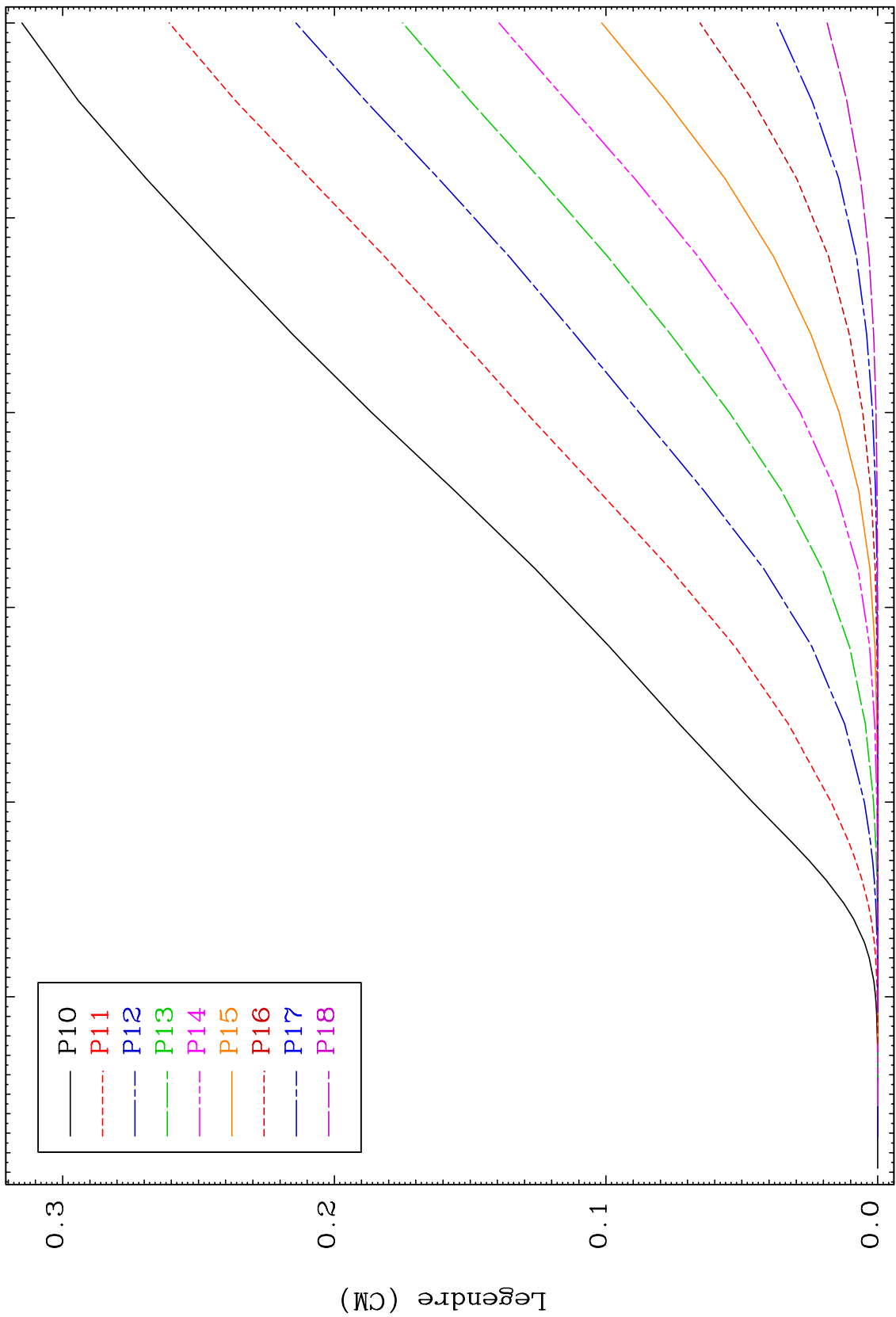
Incident Energy (MeV)

58-Ce-126

MAT 5795

Elastic Legendre Coefficients

58-Ce-126



15

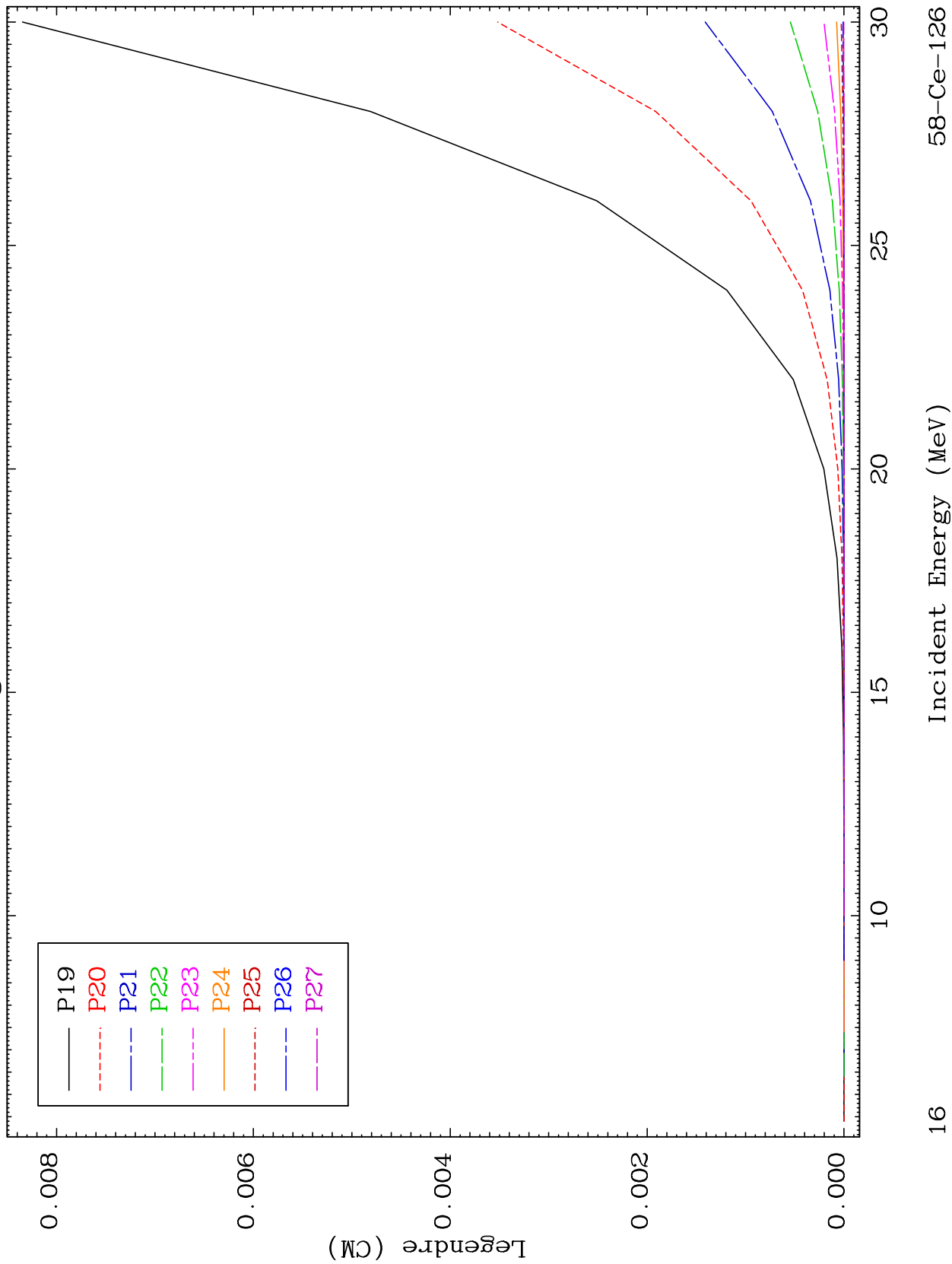
Incident Energy (MeV)

58-Ce-126

MAT 5795

Elastic Legendre Coefficients

58-Ce-126



16

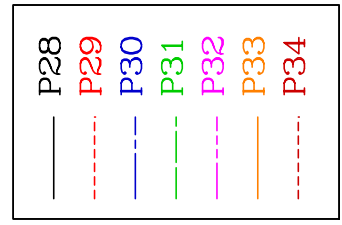
Incident Energy (MeV)

58-Ce-126

MAT 5795

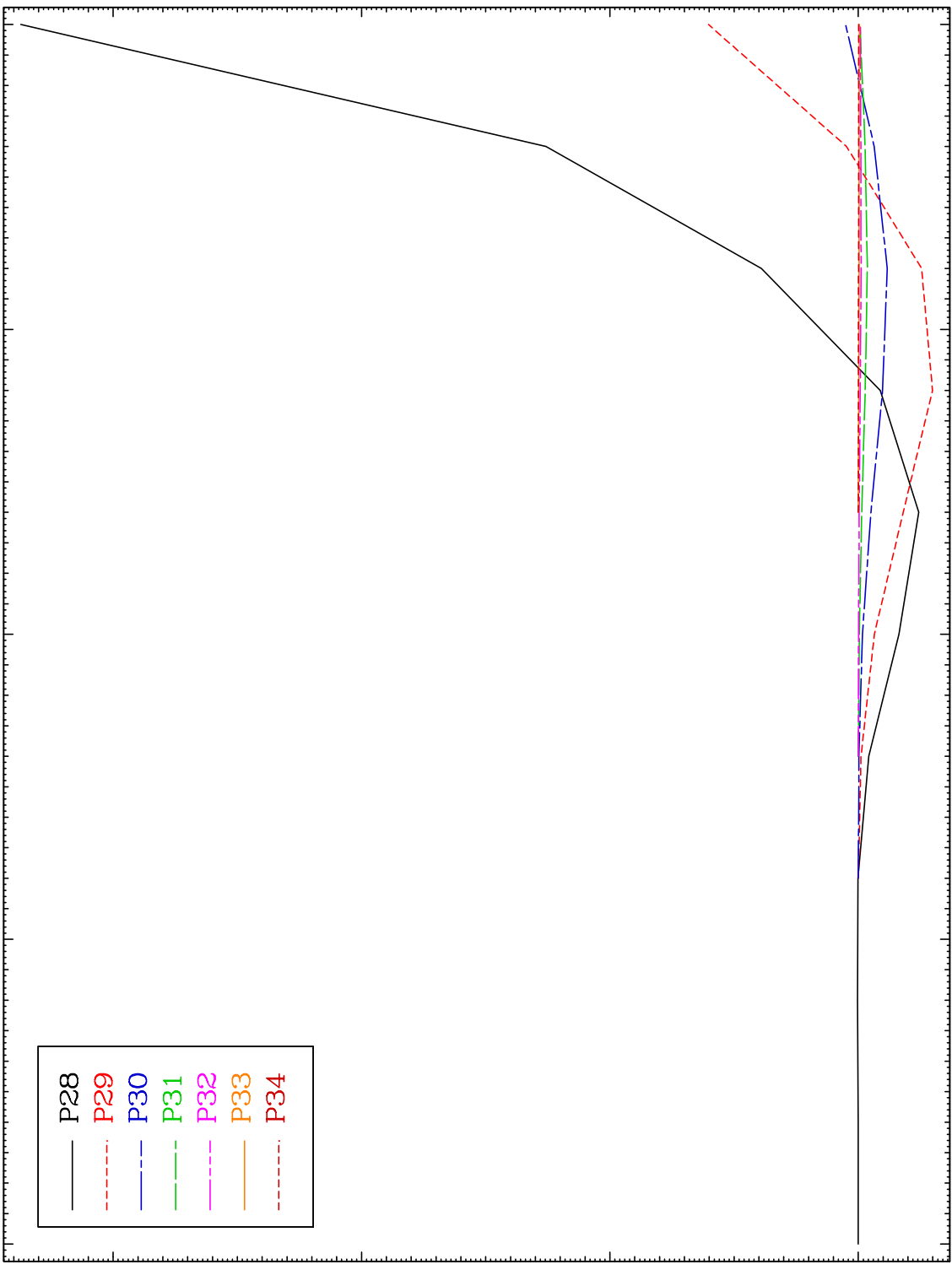
Elastic Legendre Coefficients

58-Ce-126



$\times 10^{-7}$

Legendre (CM)



10

15

20

25

30

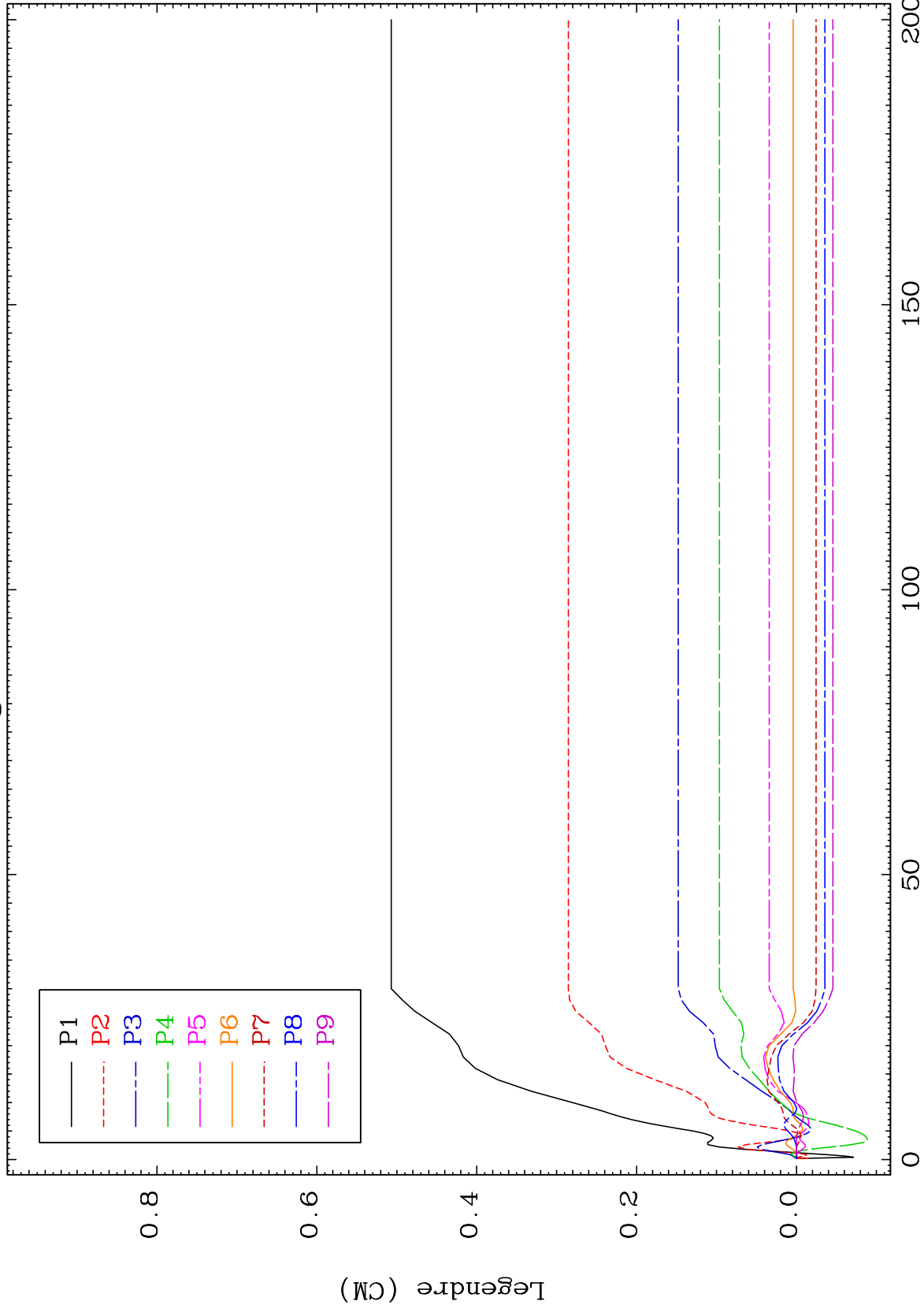
Incident Energy (MeV)

58-Ce-126

MAT 5795

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

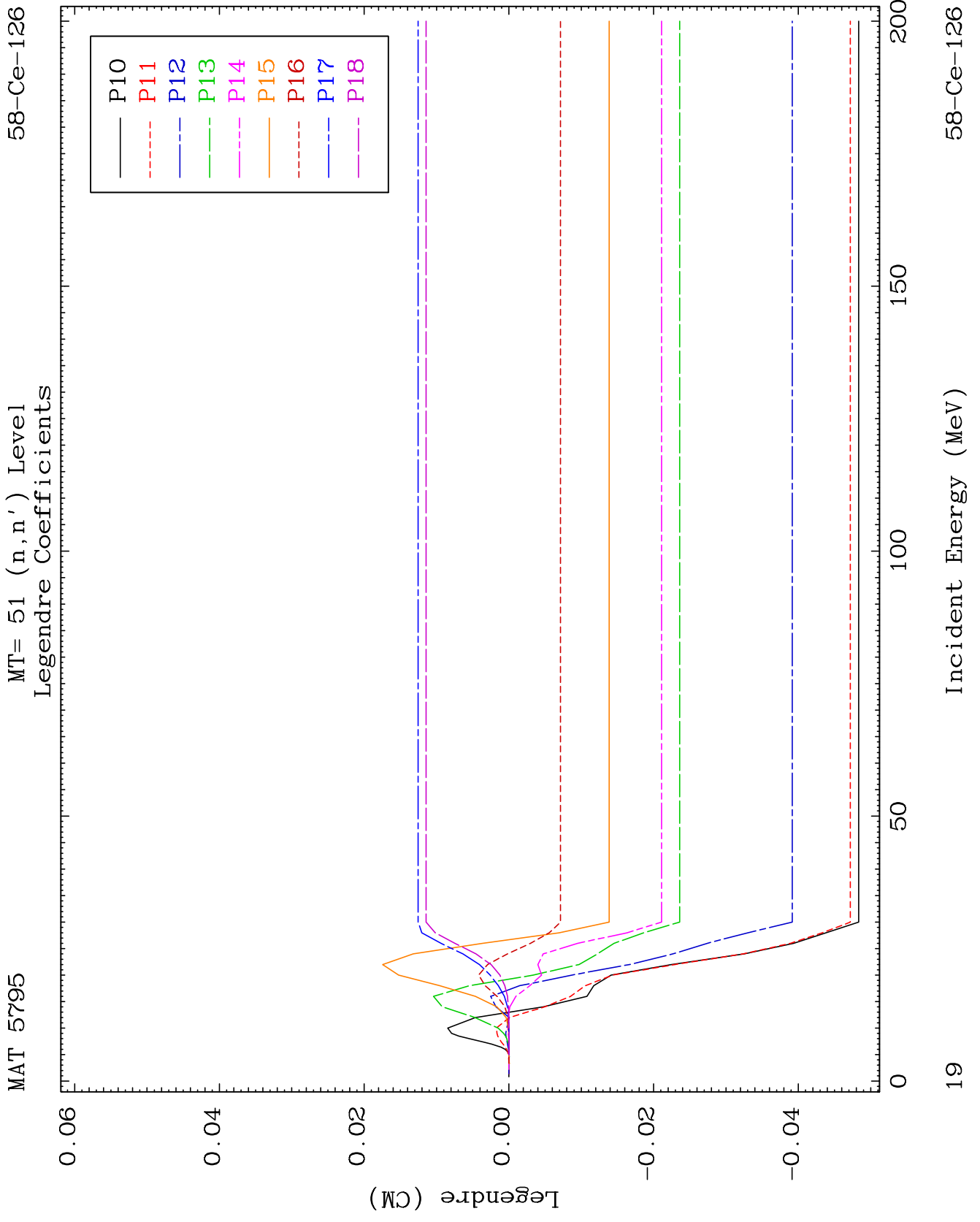
58-Ce-126



18

Incident Energy (MeV)

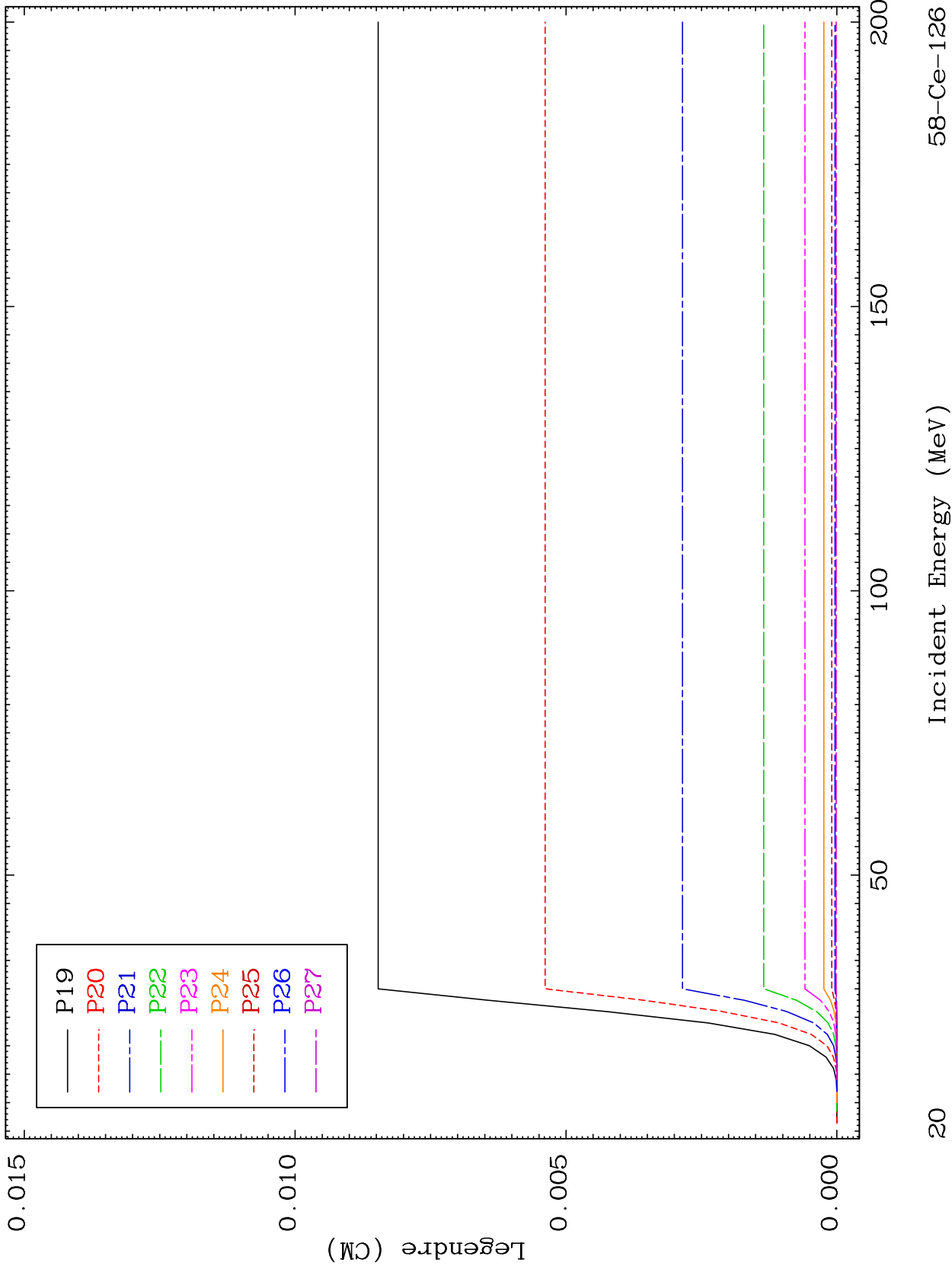
58-Ce-126



MAT 5795

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

58-Ce-126



58-Ce-126

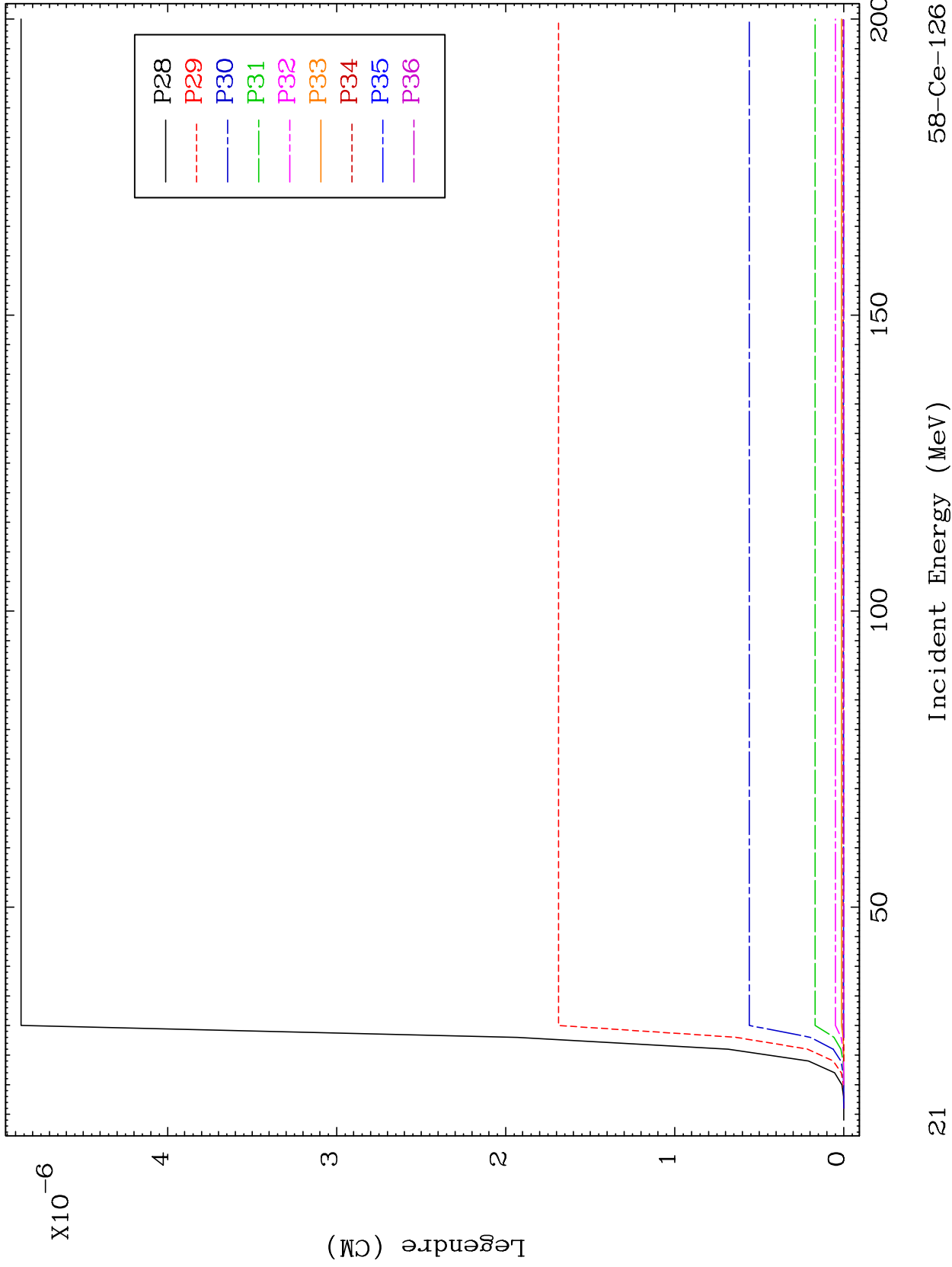
Incident Energy (MeV)

20

MAT 5795

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

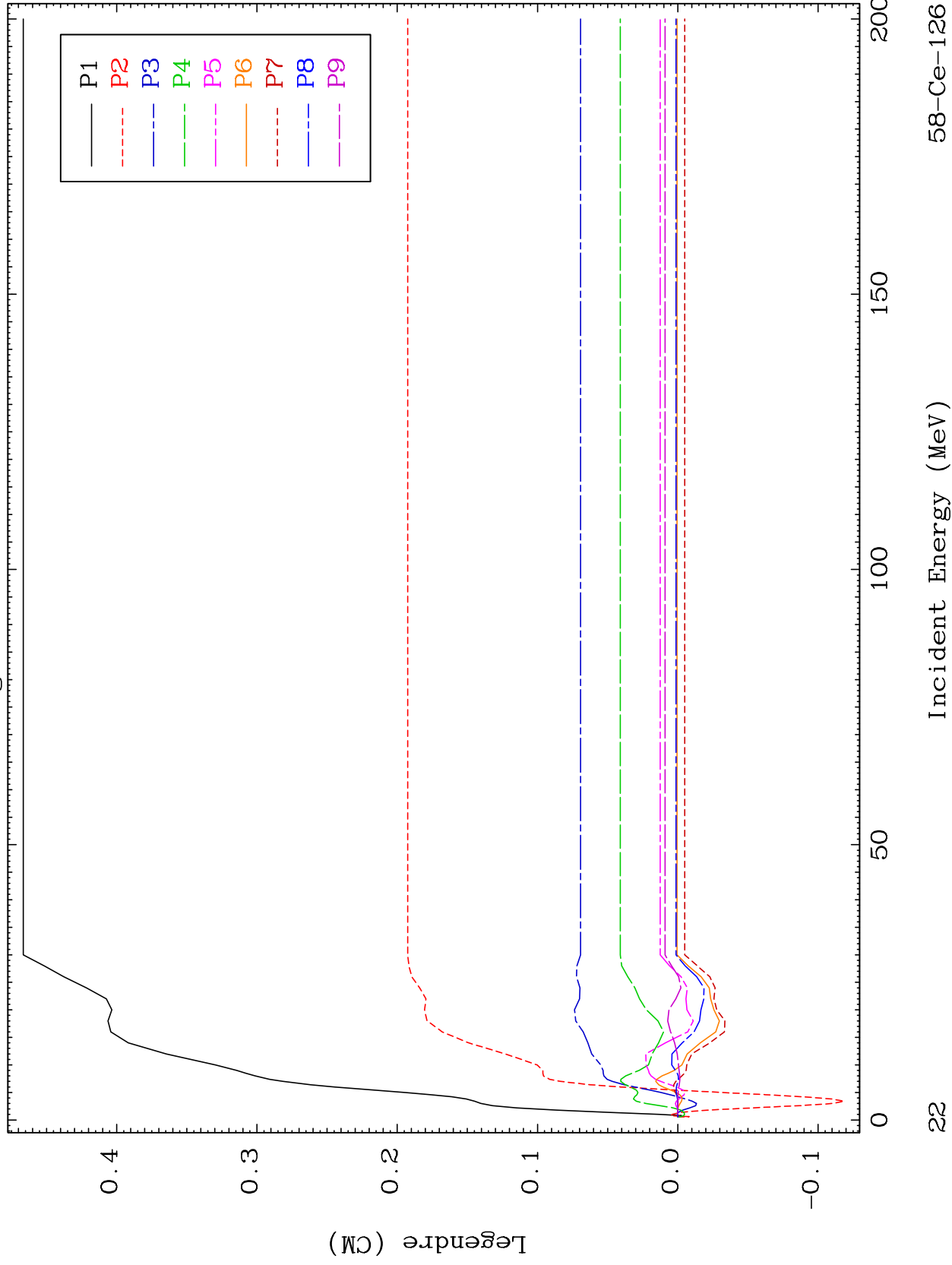
58-Ce-126



MAT 5795

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

58-Ce-126



58-Ce-126

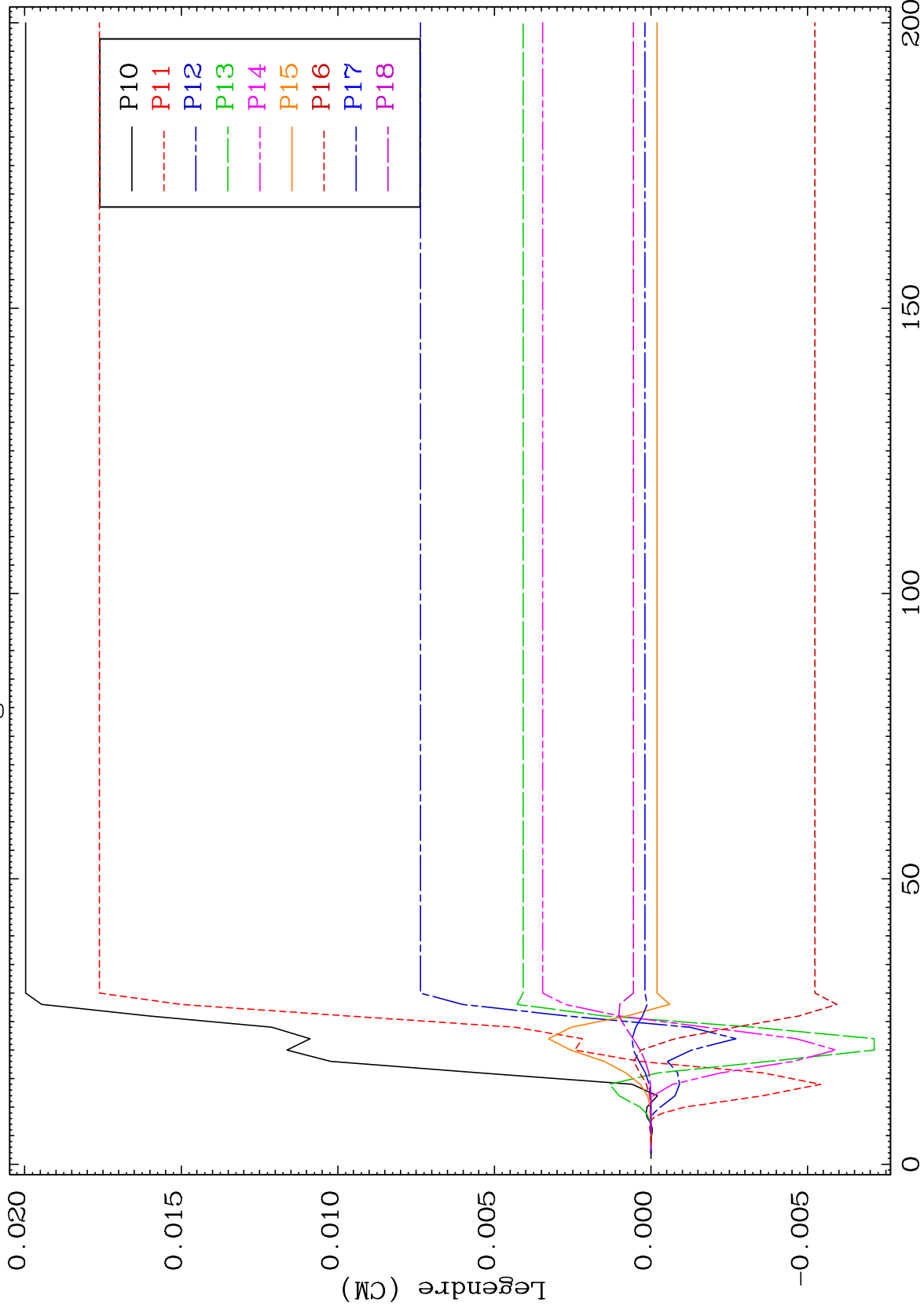
Incident Energy (MeV)

22

MAT 5795

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

58-Ce-126



23

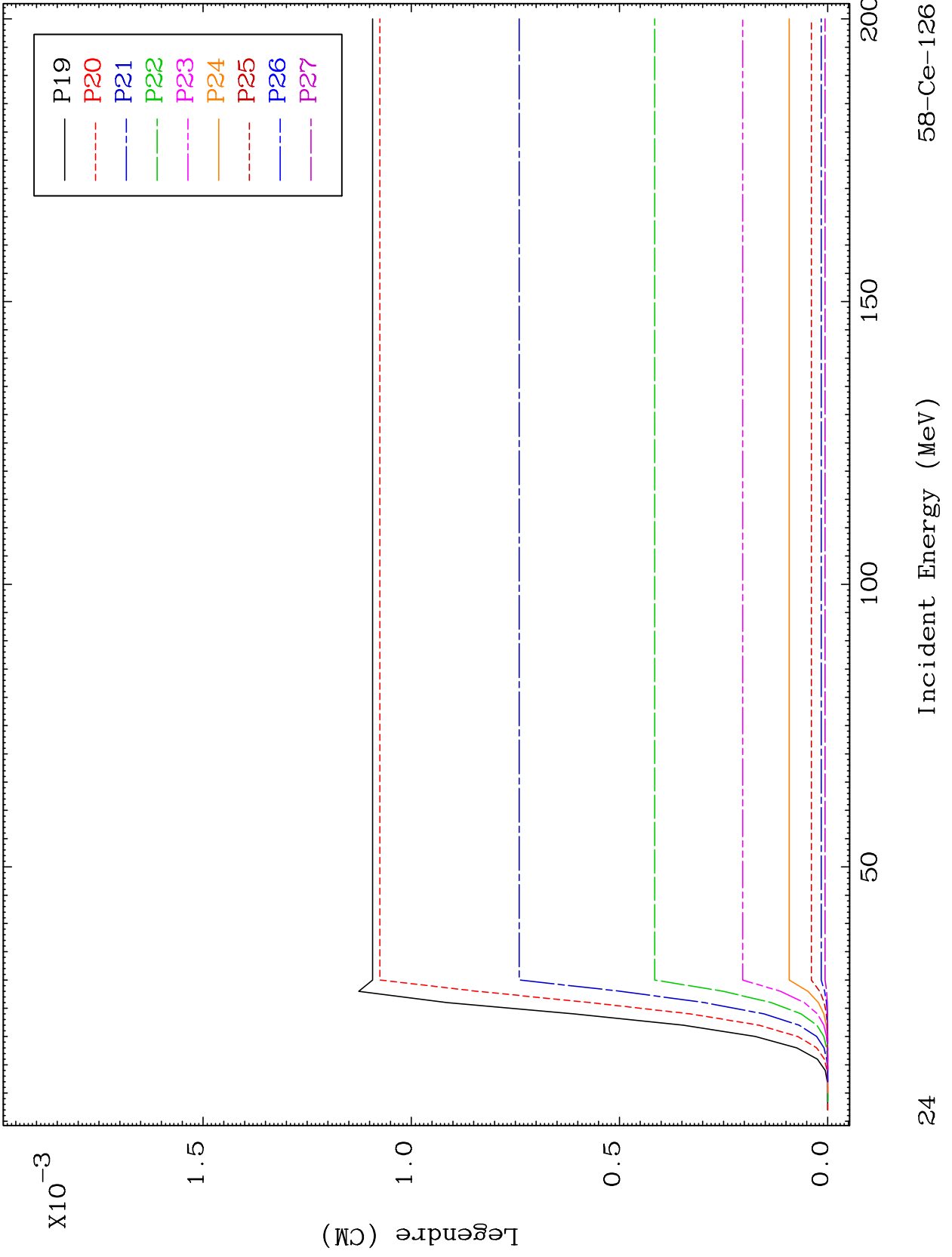
Incident Energy (MeV)

58-Ce-126

MAT 5795

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

58-Ce-126

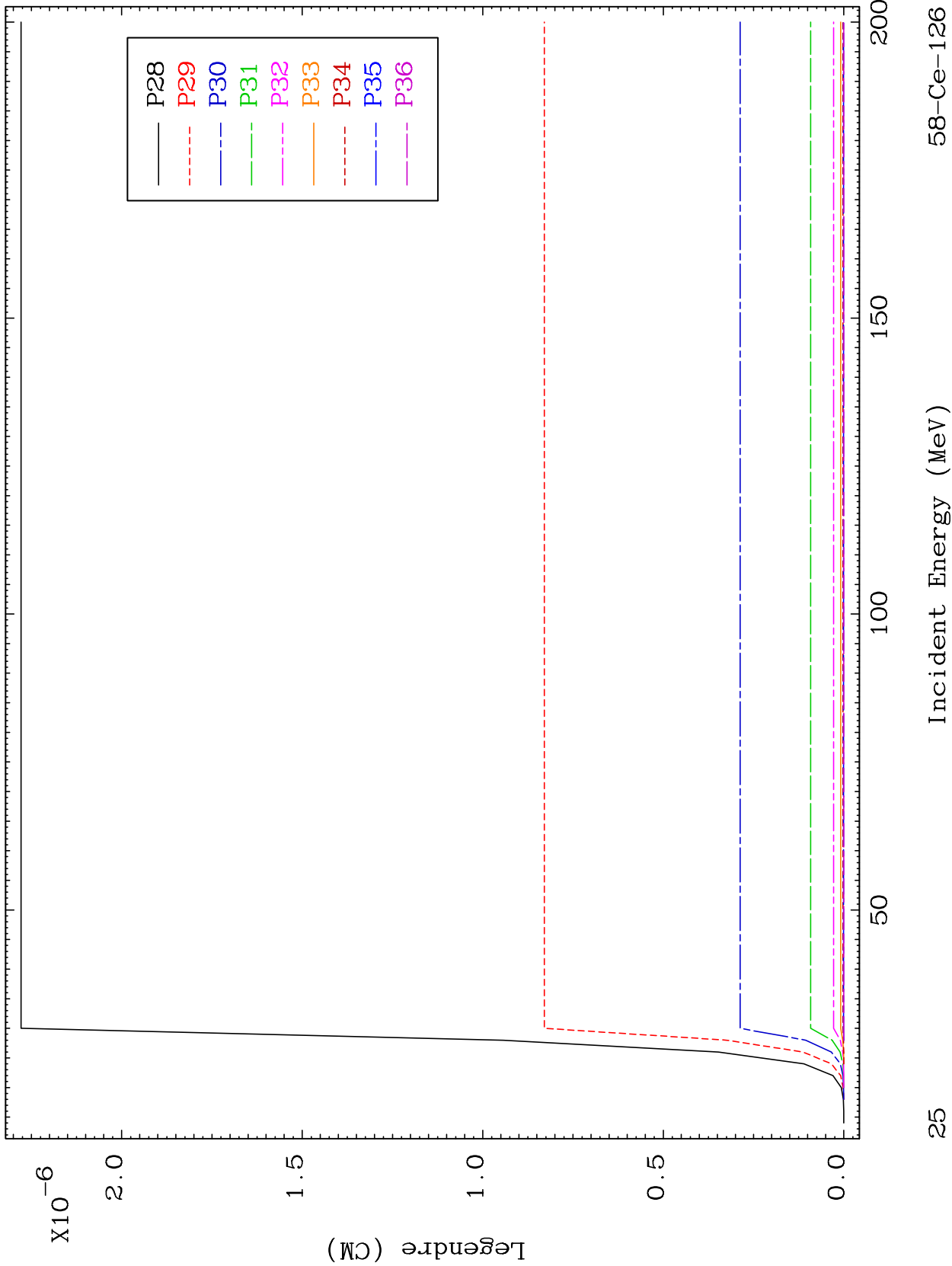


24

MAT 5795

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

58-Ce-126



58-Ce-126

Incident Energy (MeV)

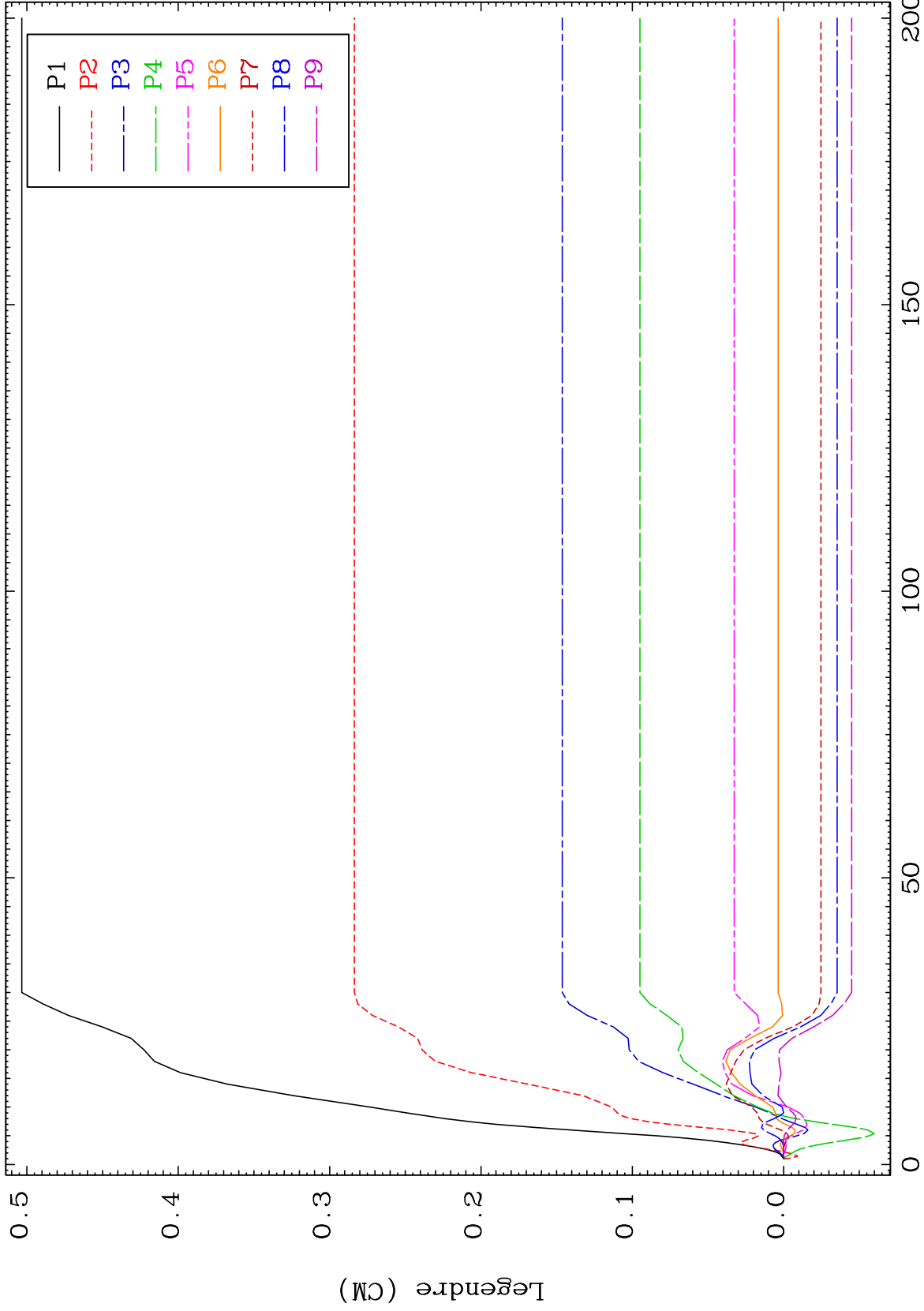
25

MAT 5795

MT= 53 (n,n') Level

58-Ce-126

Legendre Coefficients



26

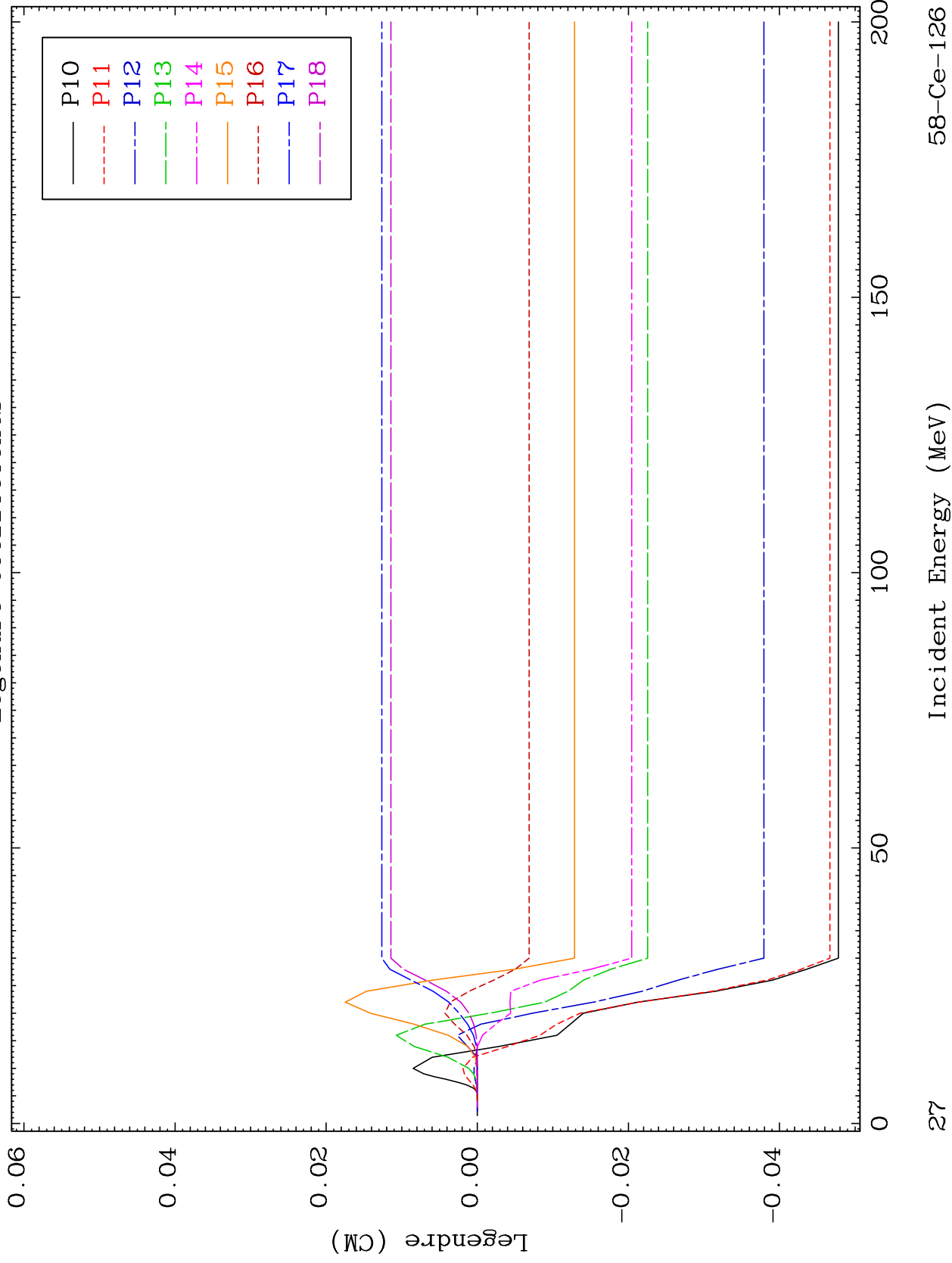
Incident Energy (MeV)

58-Ce-126

MAT 5795

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

58-Ce-126



27

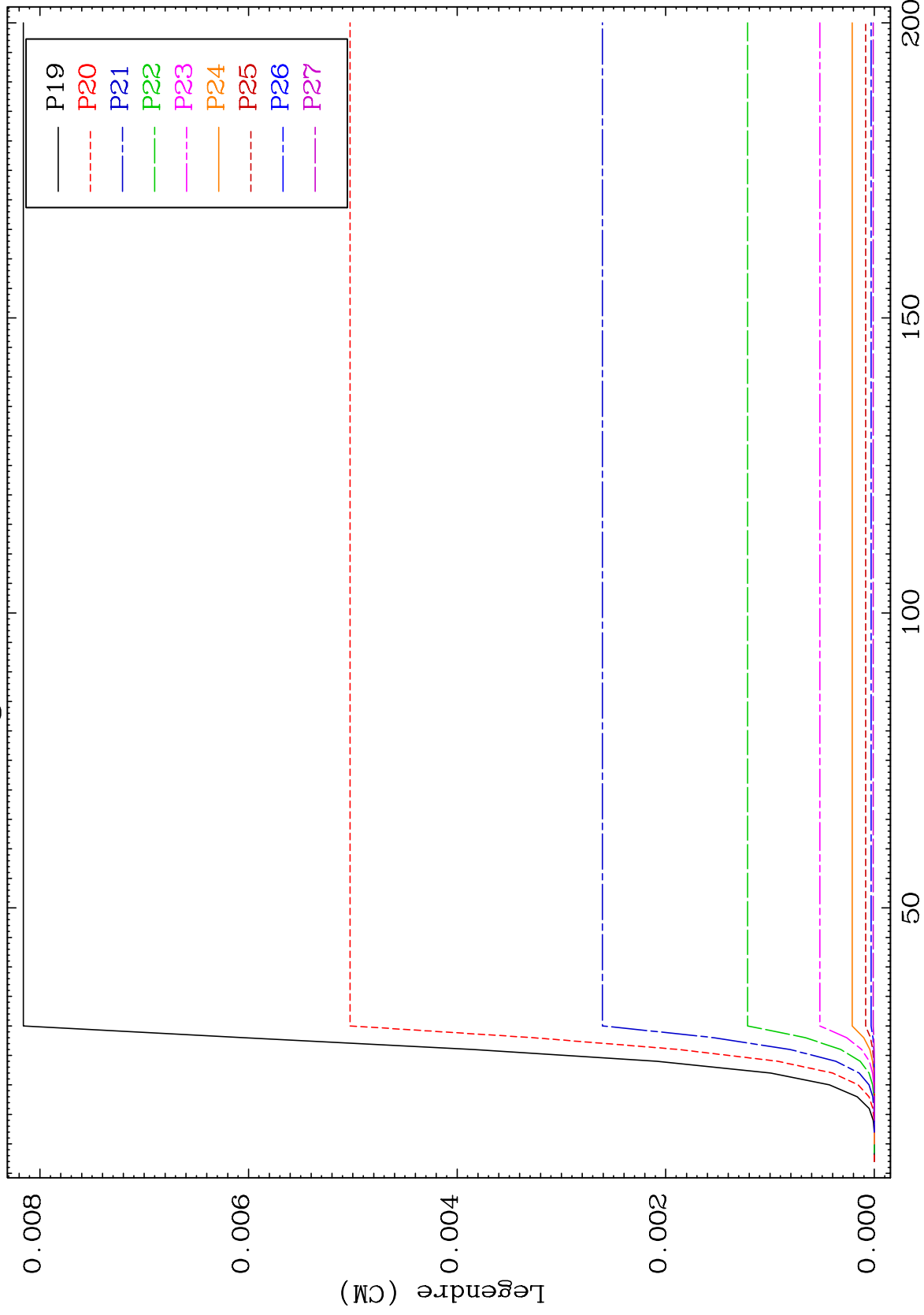
Incident Energy (MeV)

58-Ce-126

MAT 5795

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

58-Ce-126



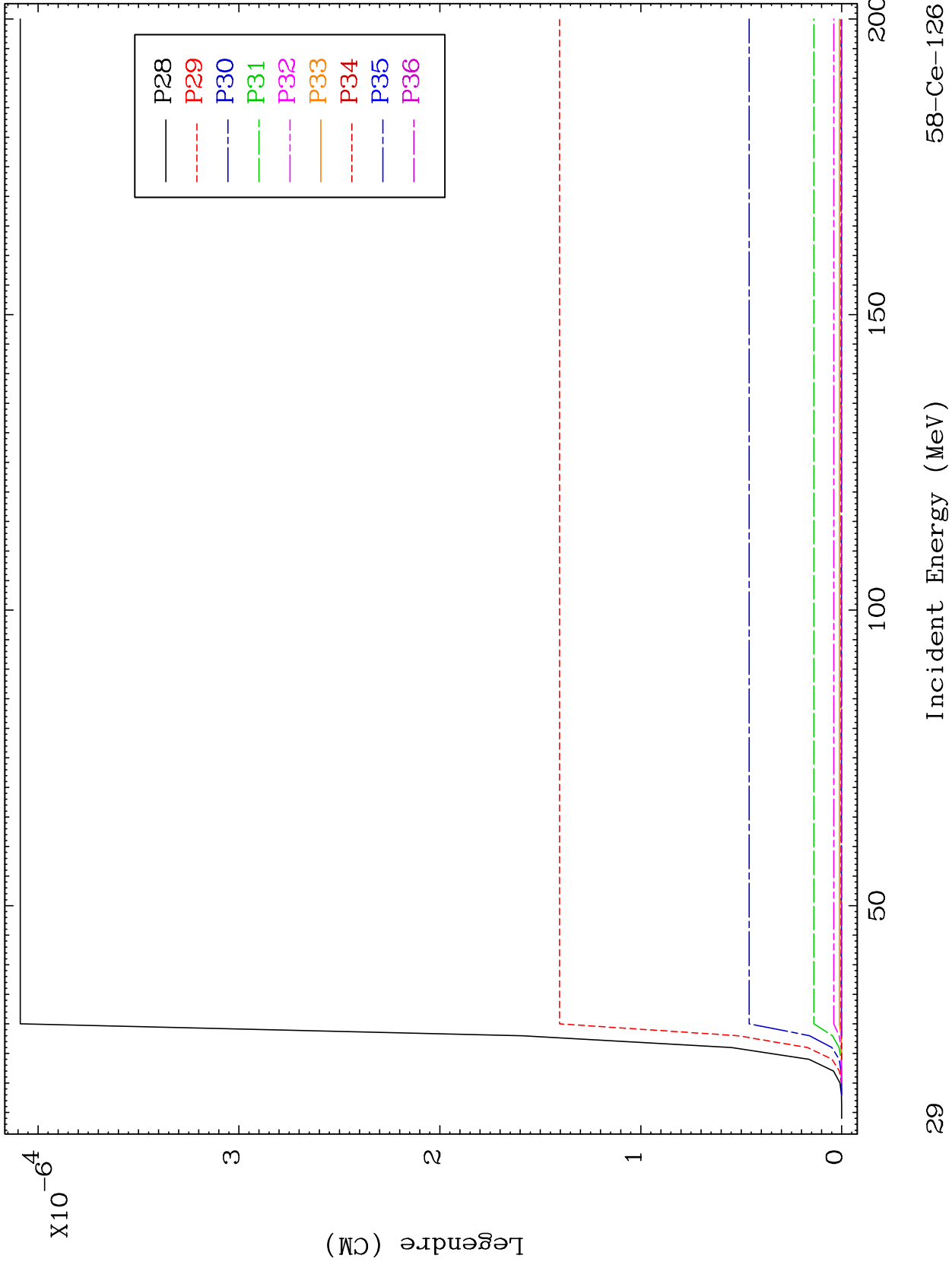
28

58-Ce-126

MAT 5795

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

58-Ce-126



29

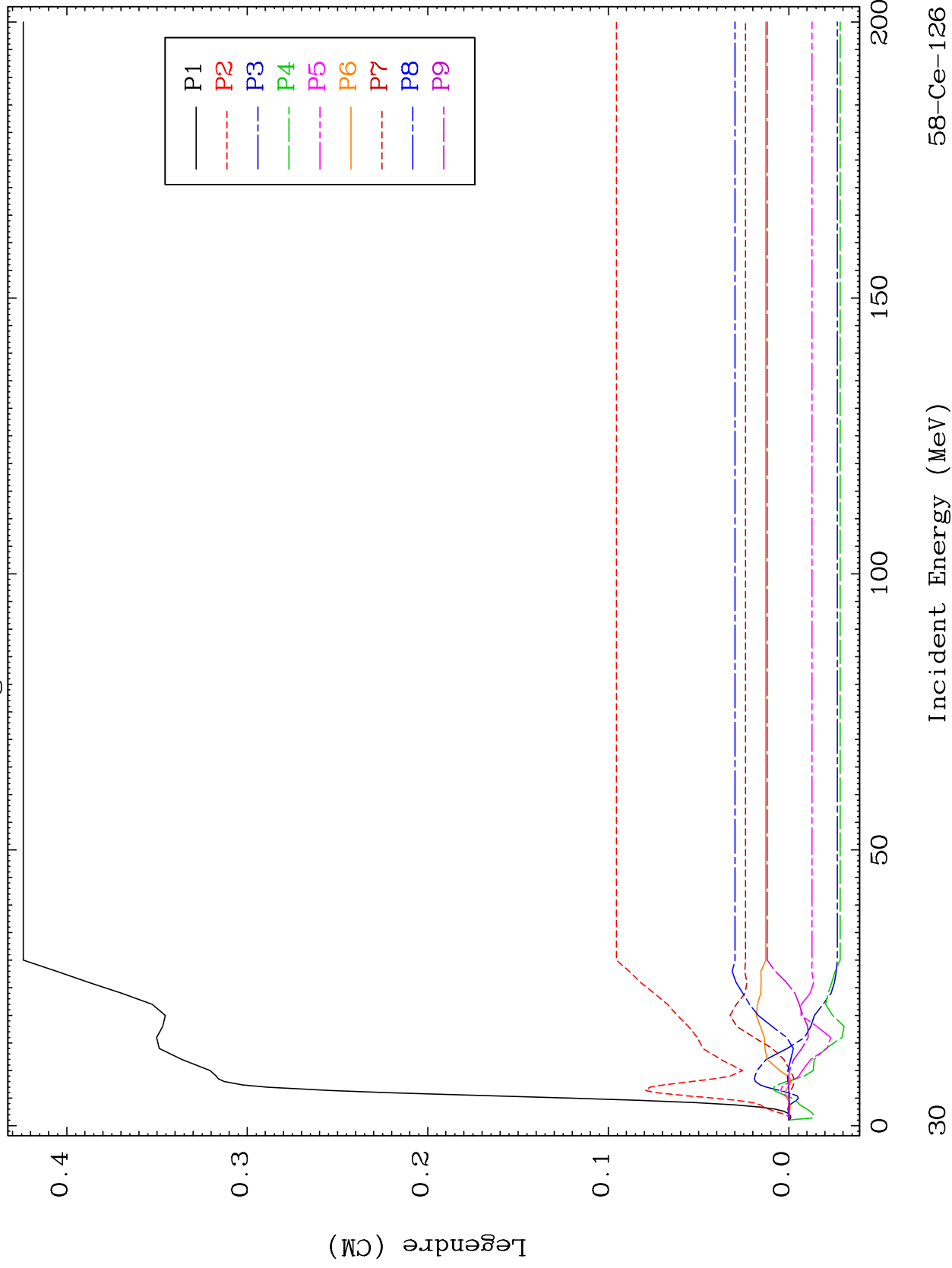
Incident Energy (MeV)

58-Ce-126

MAT 5795

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

58-Ce-126



58-Ce-126

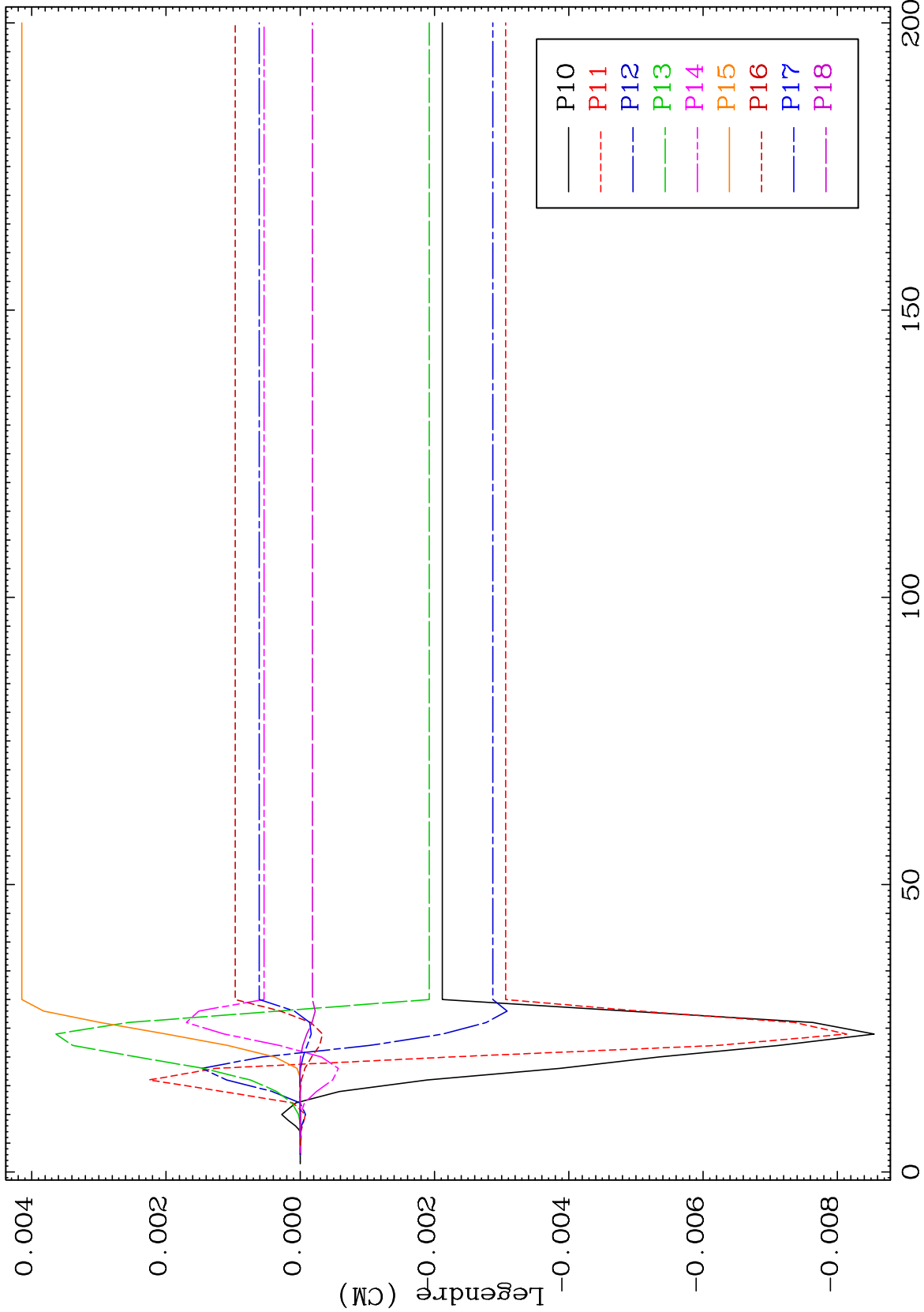
Incident Energy (MeV)

30

MAT 5795

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

58-Ce-126



31

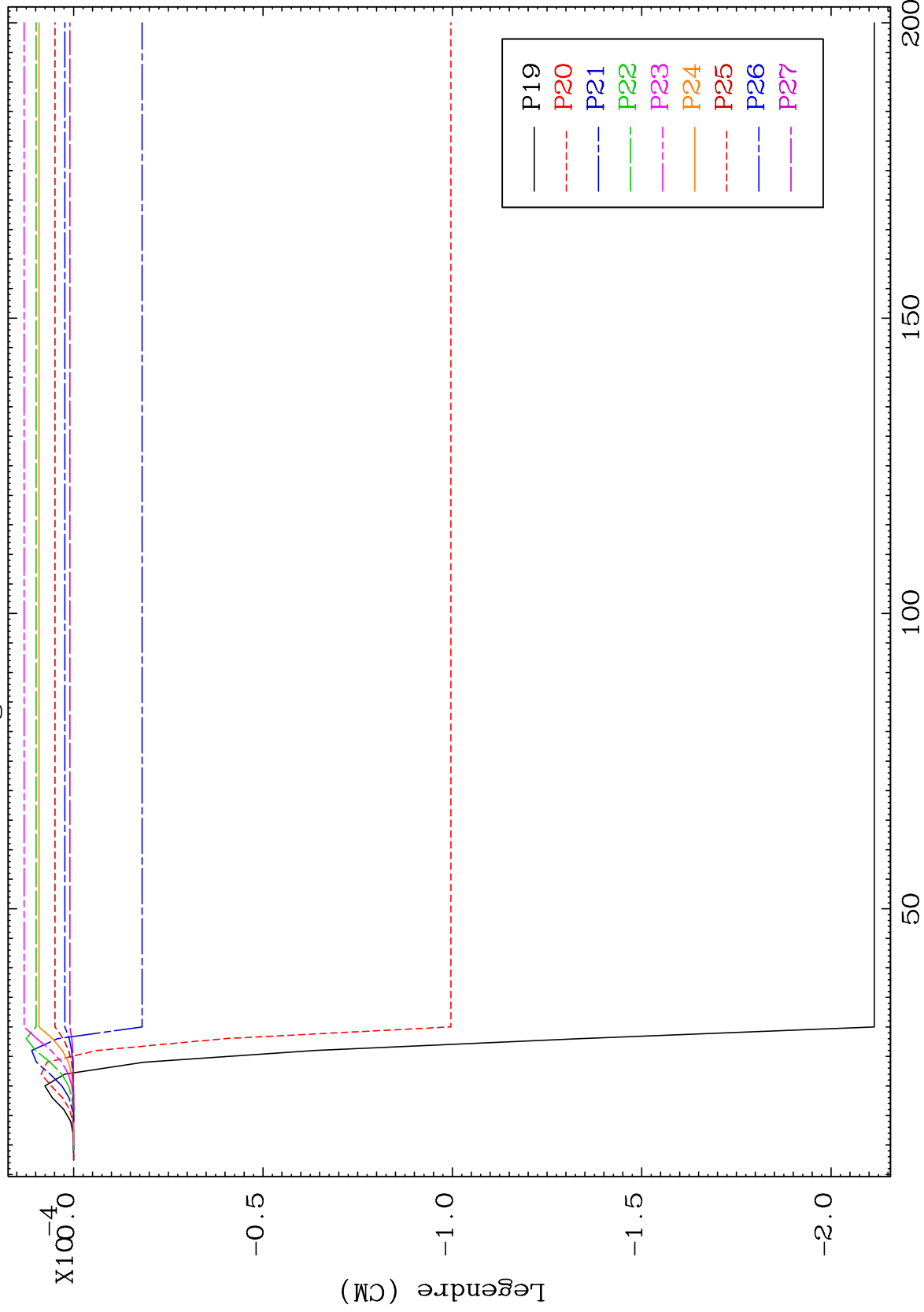
Incident Energy (MeV)

58-Ce-126

MAT 5795

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

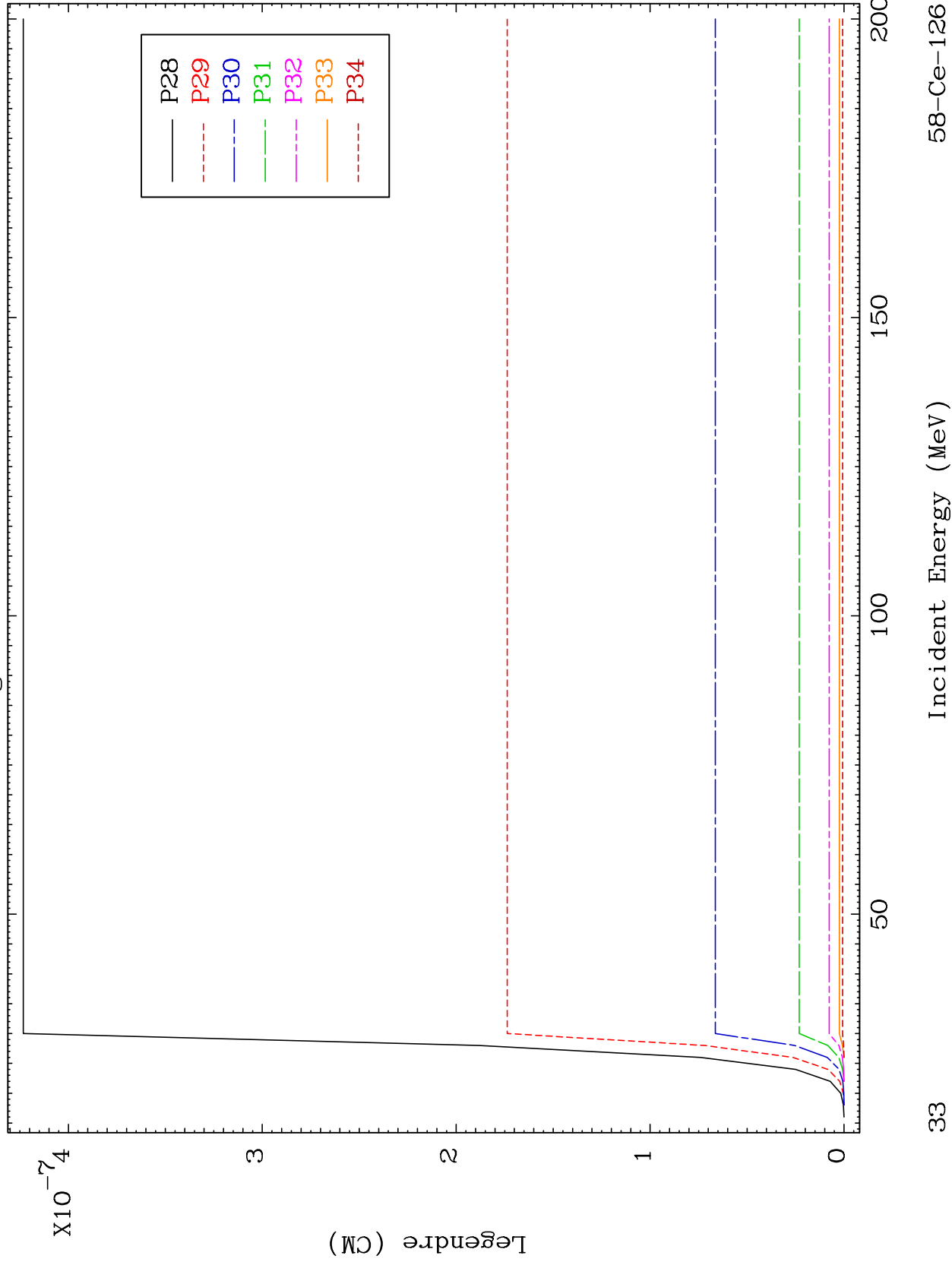
58-Ce-126



MAT 5795

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

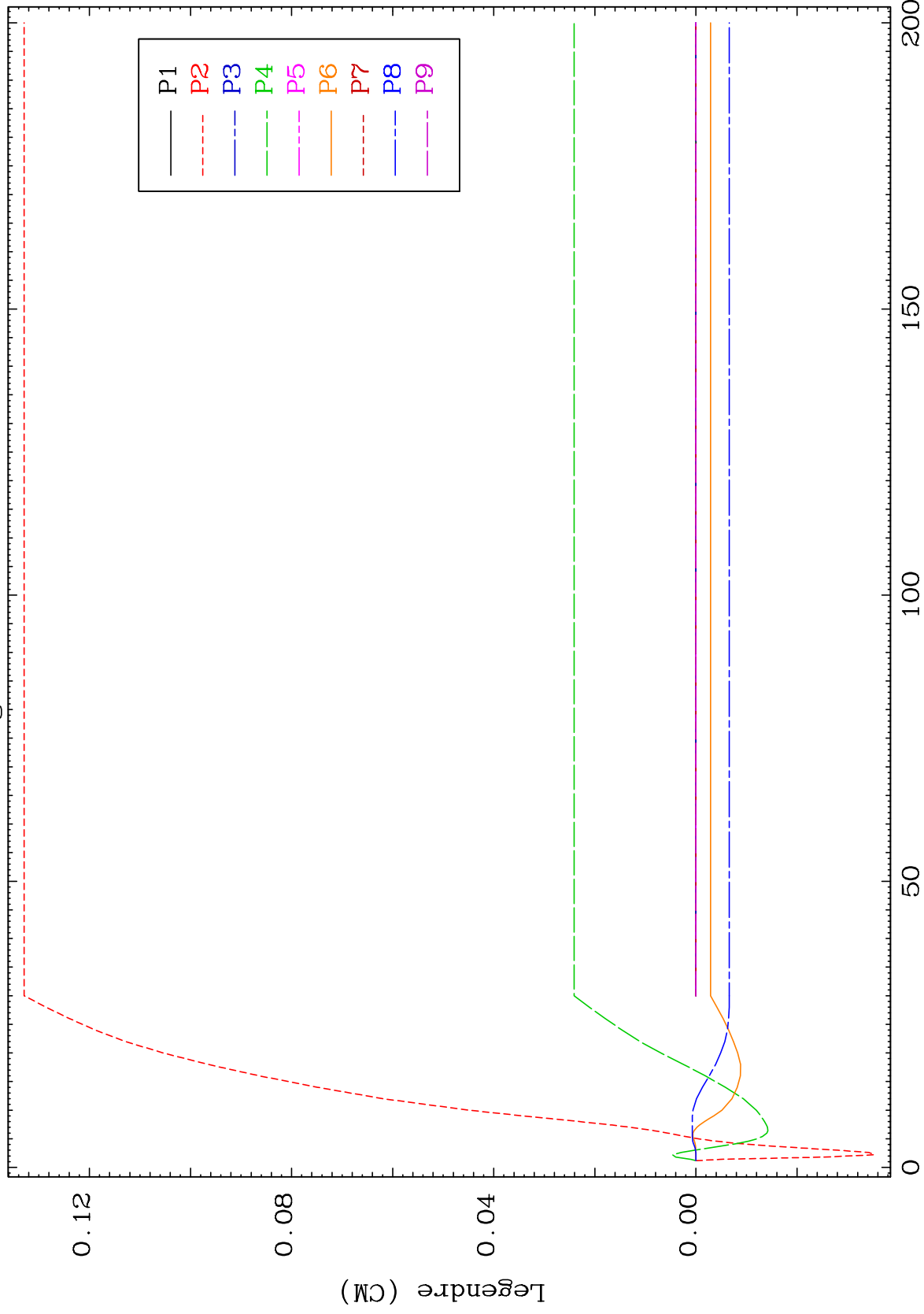
58-Ce-126



MAT 5795

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

58-Ce-126



34

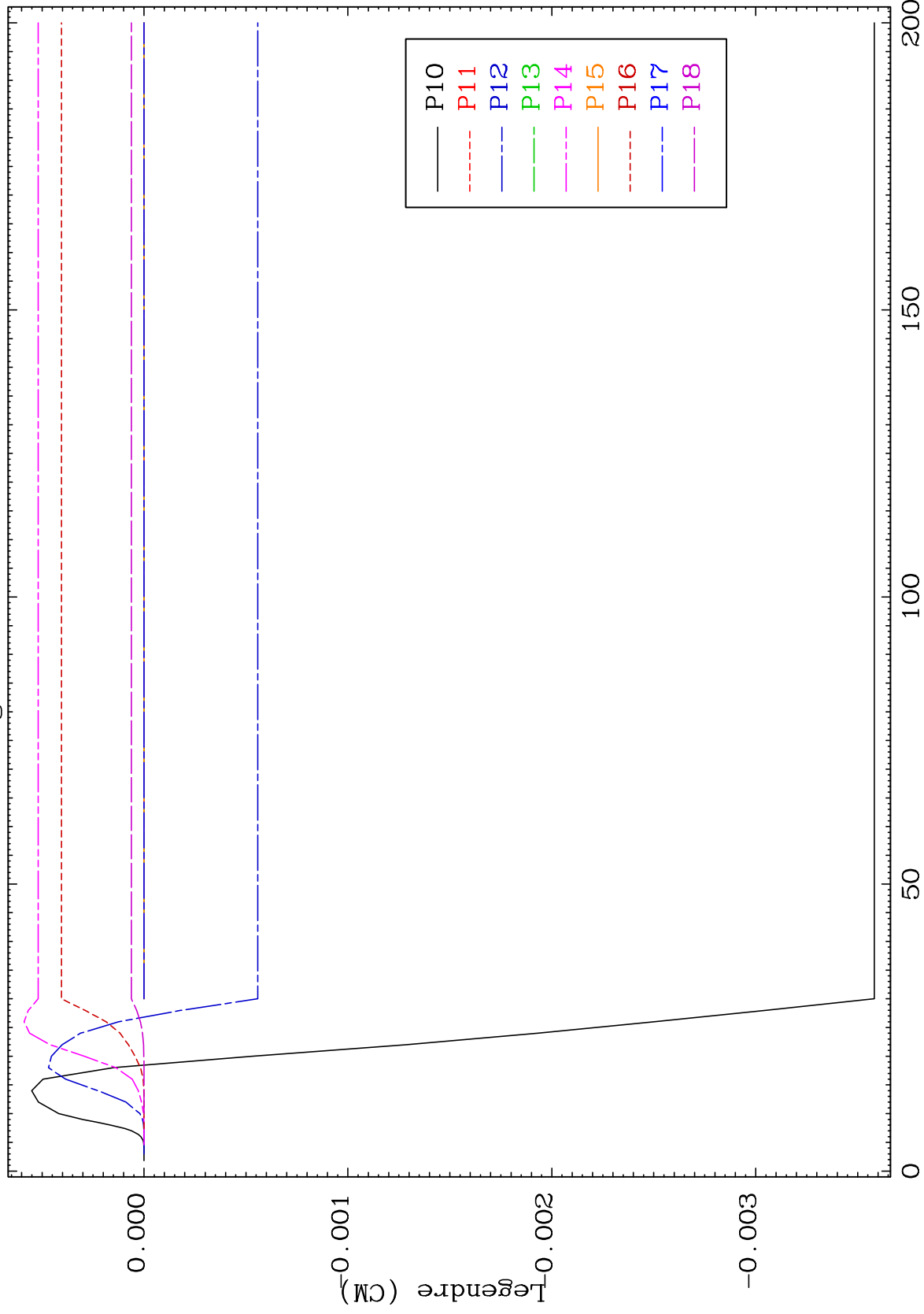
Incident Energy (MeV)

58-Ce-126

MAT 5795

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

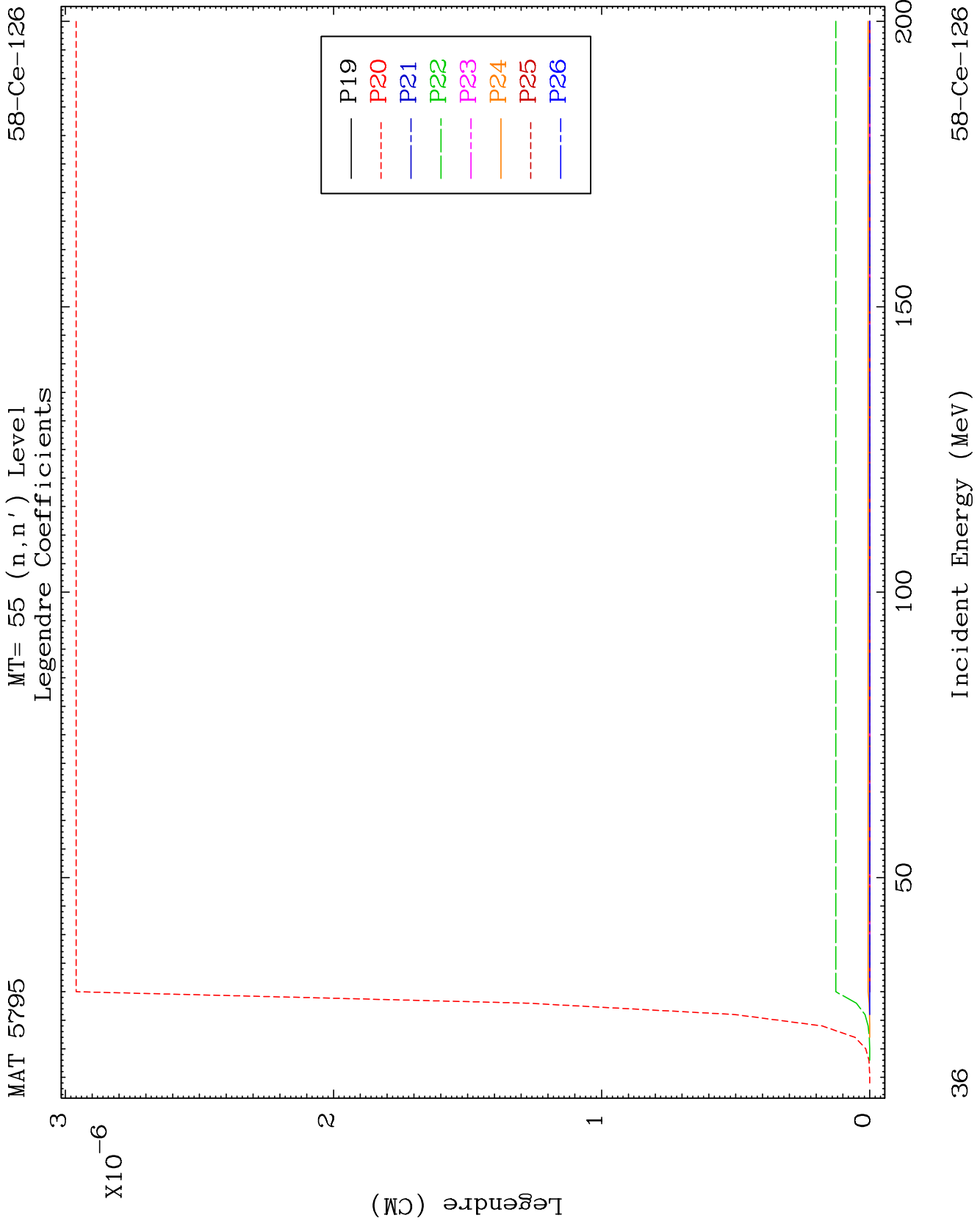
58-Ce-126



35

Incident Energy (MeV)

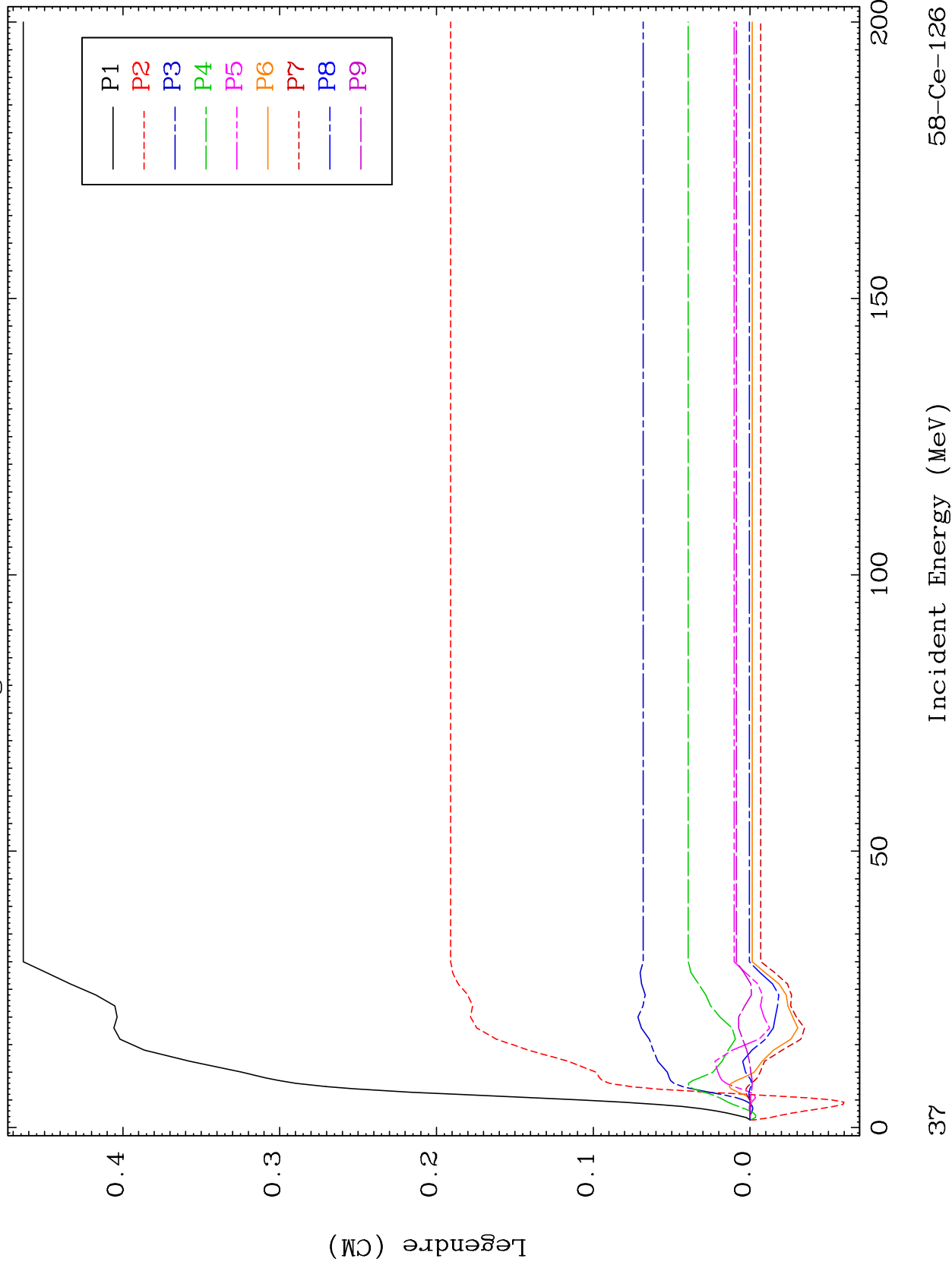
58-Ce-126



MAT 5795

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

58-Ce-126



58-Ce-126

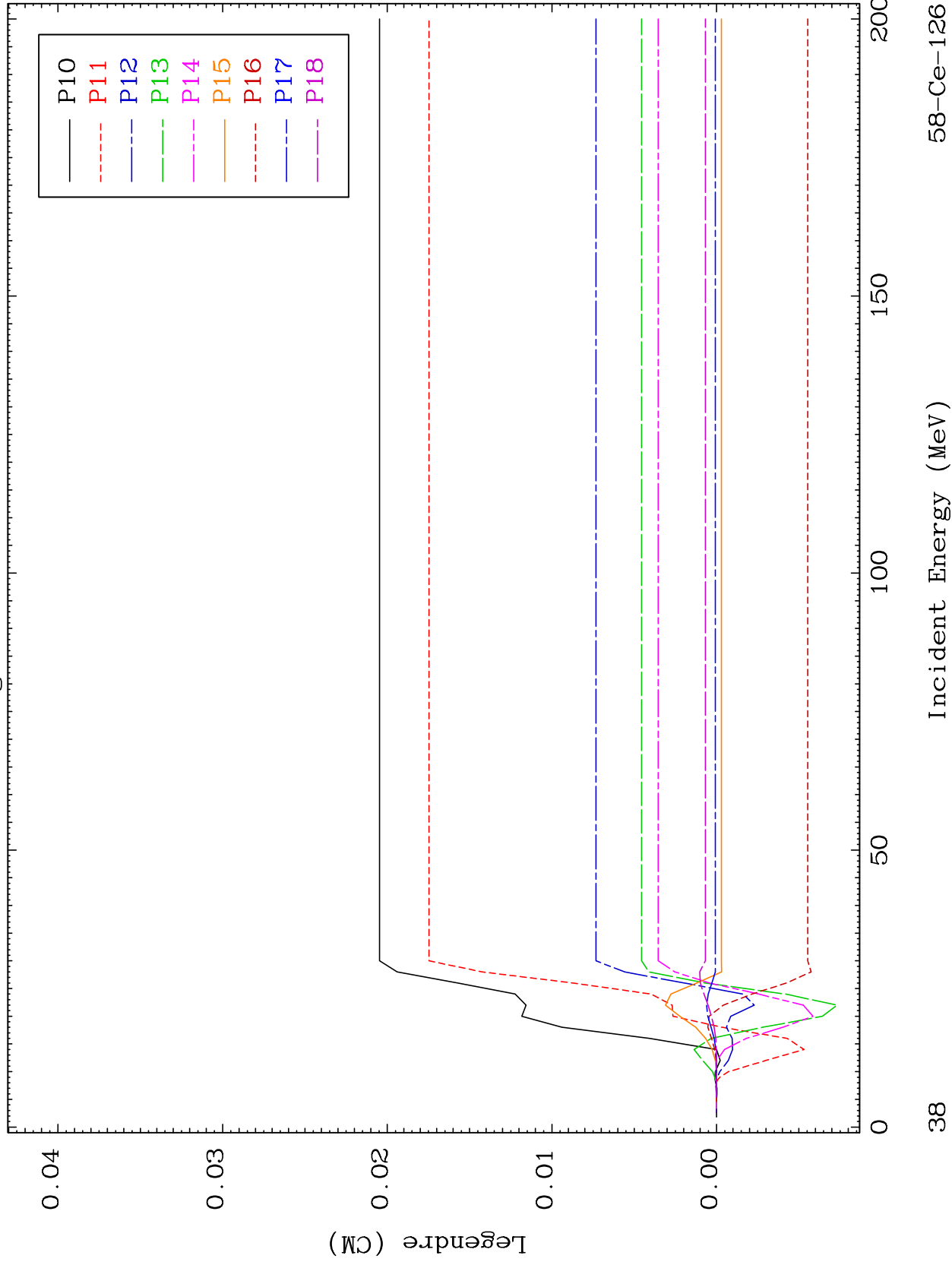
Incident Energy (MeV)

37

MAT 5795

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

58-Ce-126



58-Ce-126

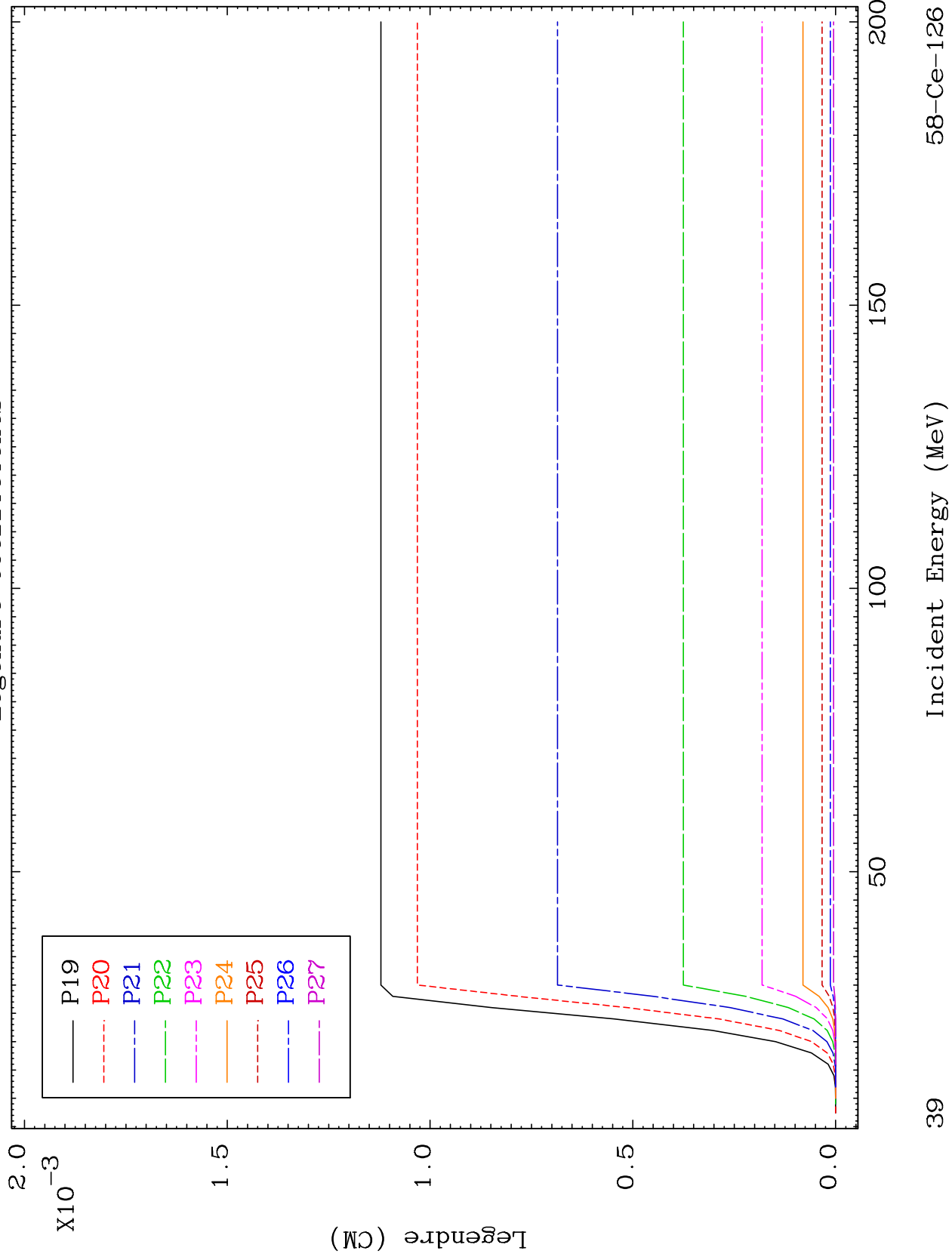
Incident Energy (MeV)

38

MAT 5795

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

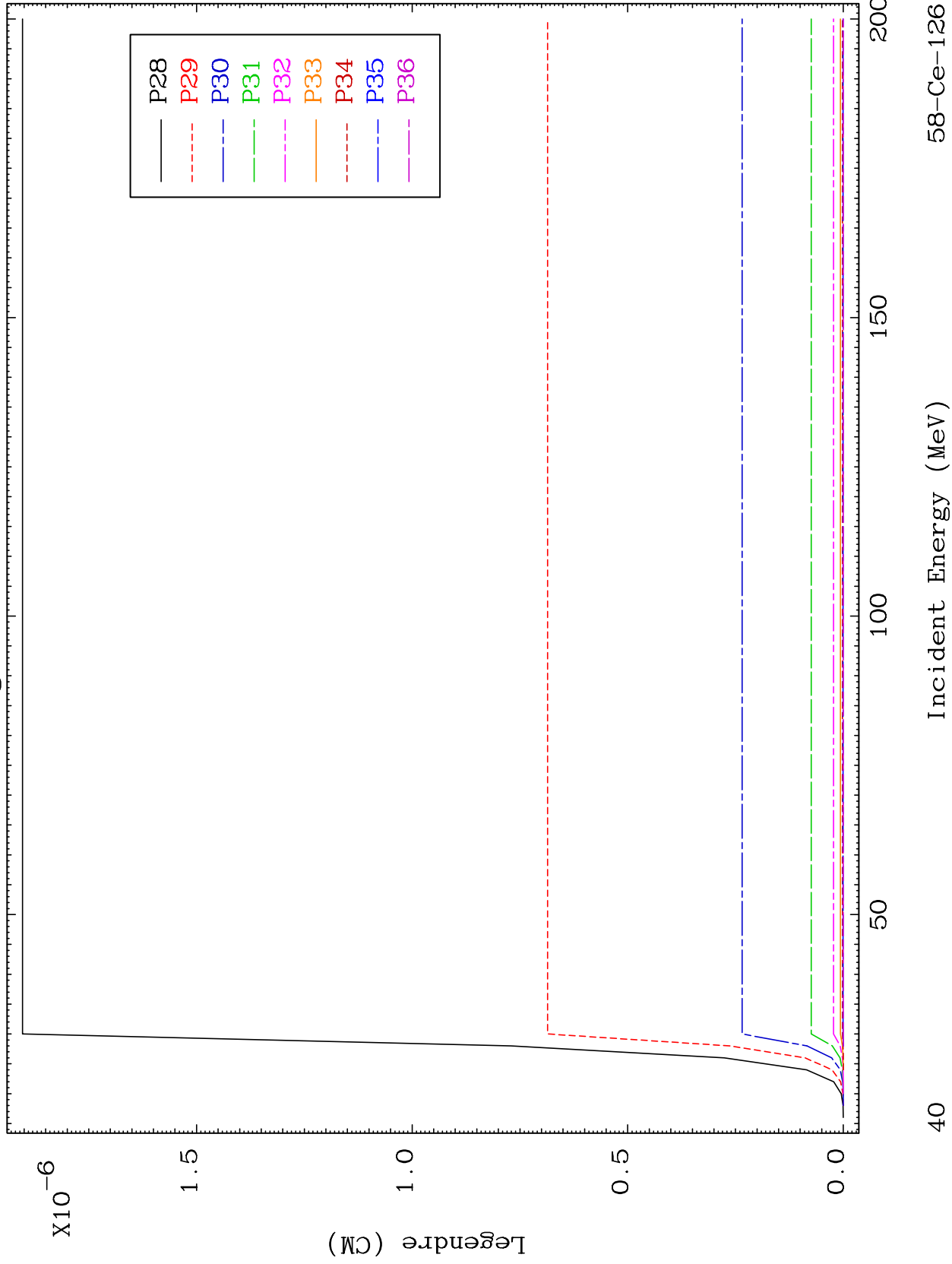
58-Ce-126



MAT 5795

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

58-Ce-126

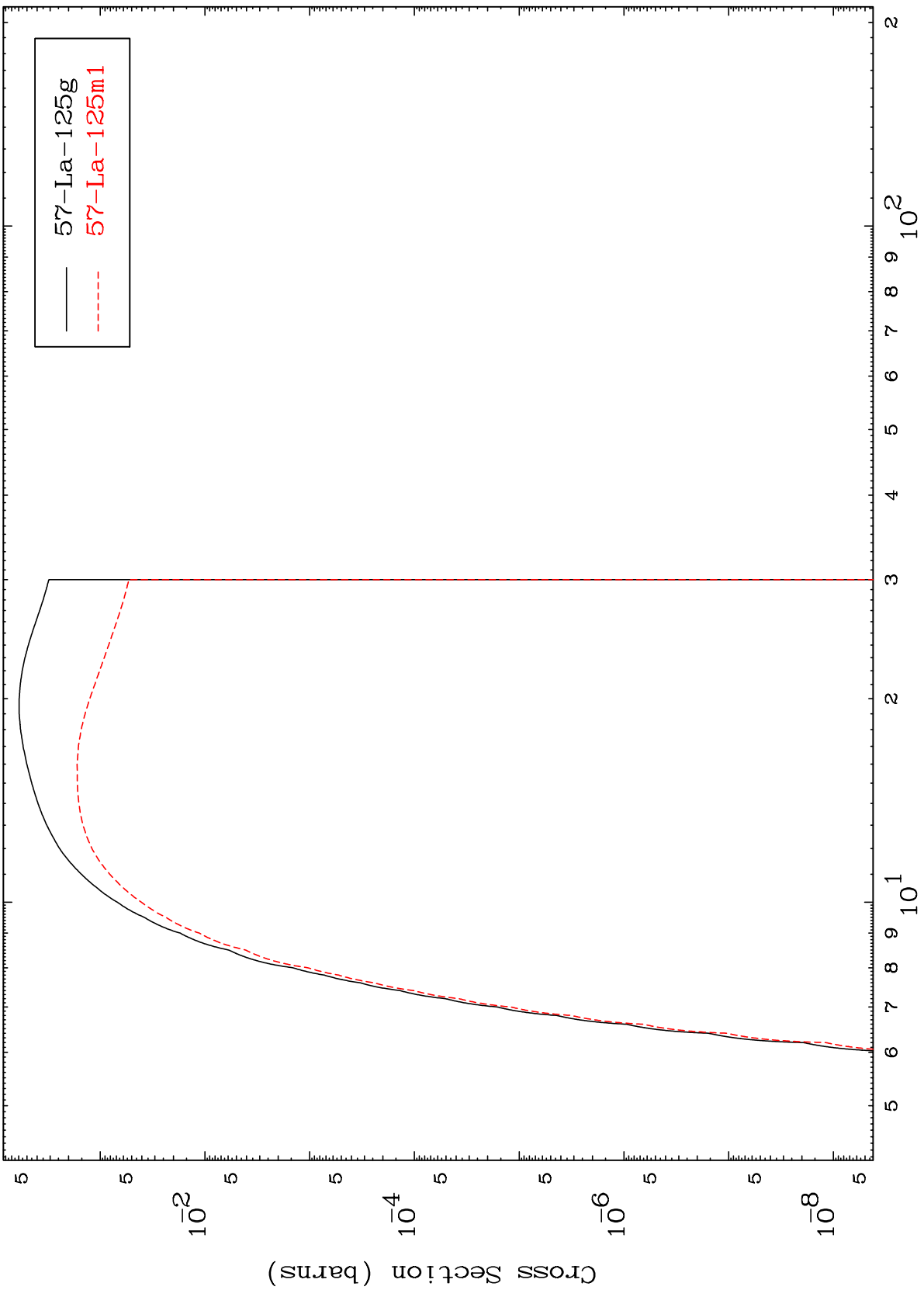


MAT 5795

(n,n') p

58-Ce-126

Radionuclide Production Cross Section



41

Incident Energy (MeV)

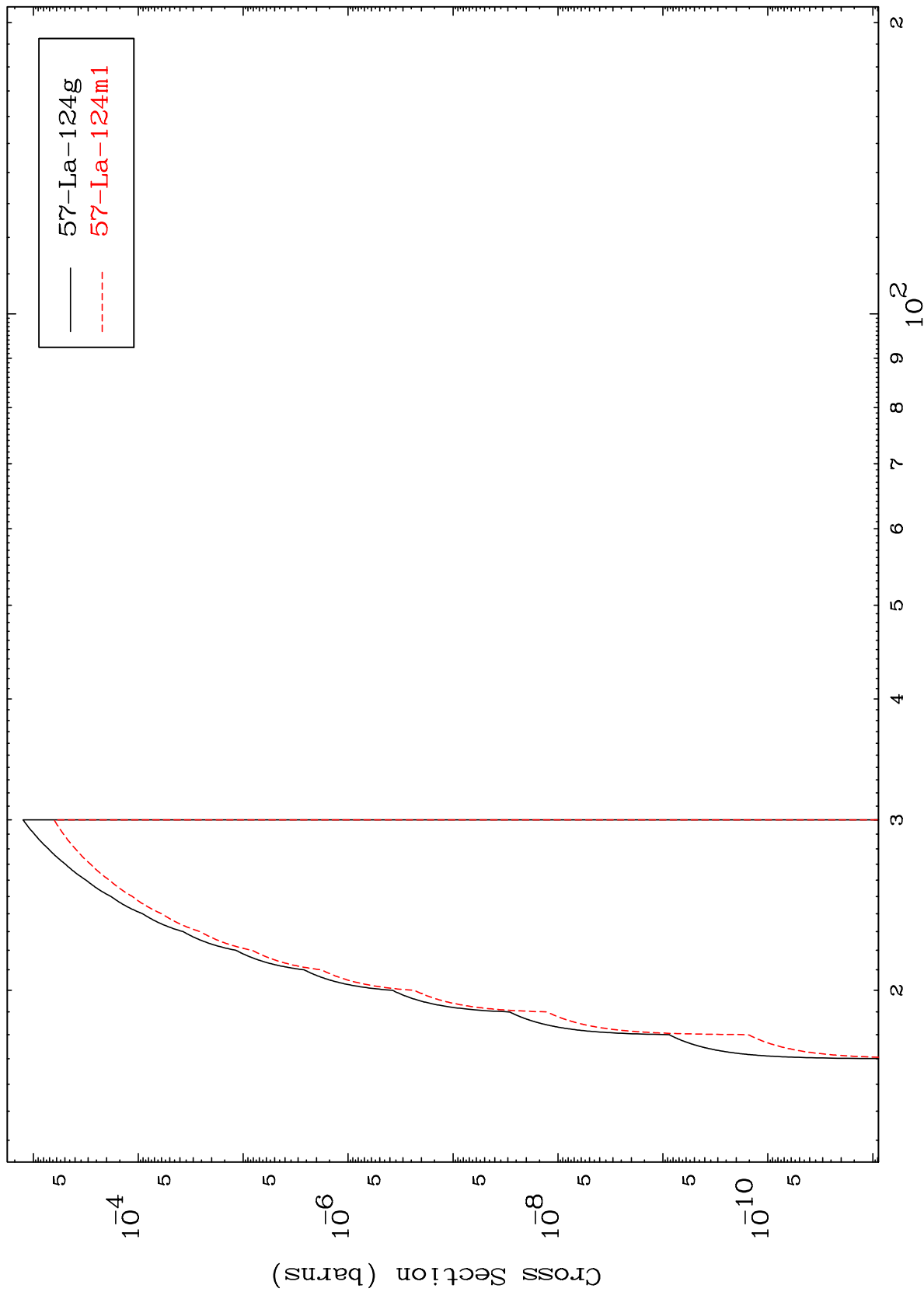
58-Ce-126

MAT 5795

(n,n') d

58-Ce-126

Radionuclide Production Cross Section



42

Incident Energy (MeV)

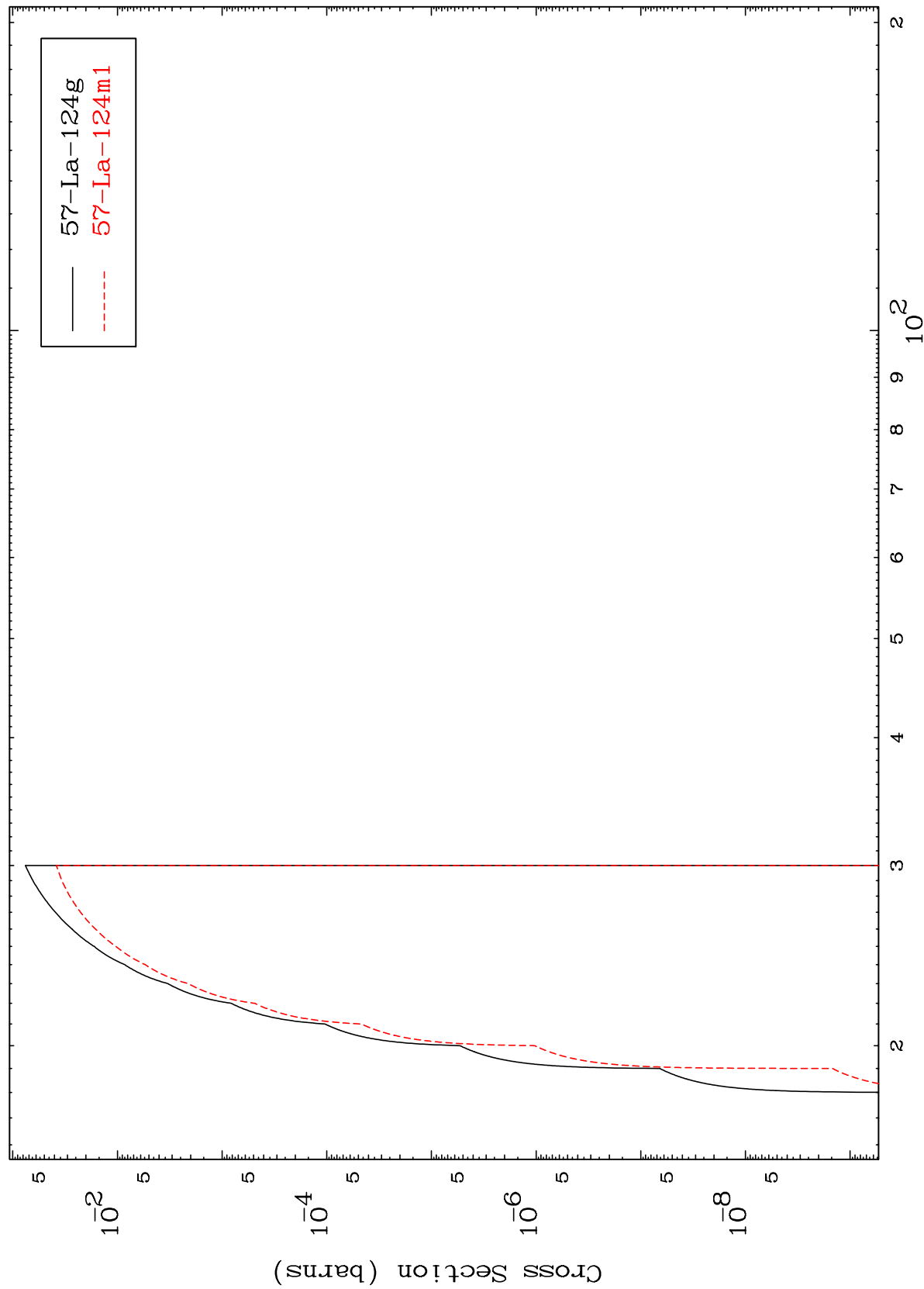
58-Ce-126

MAT 5795

(n,2n) p

58-Ce-126

Radionuclide Production Cross Section



43

Incident Energy (MeV)

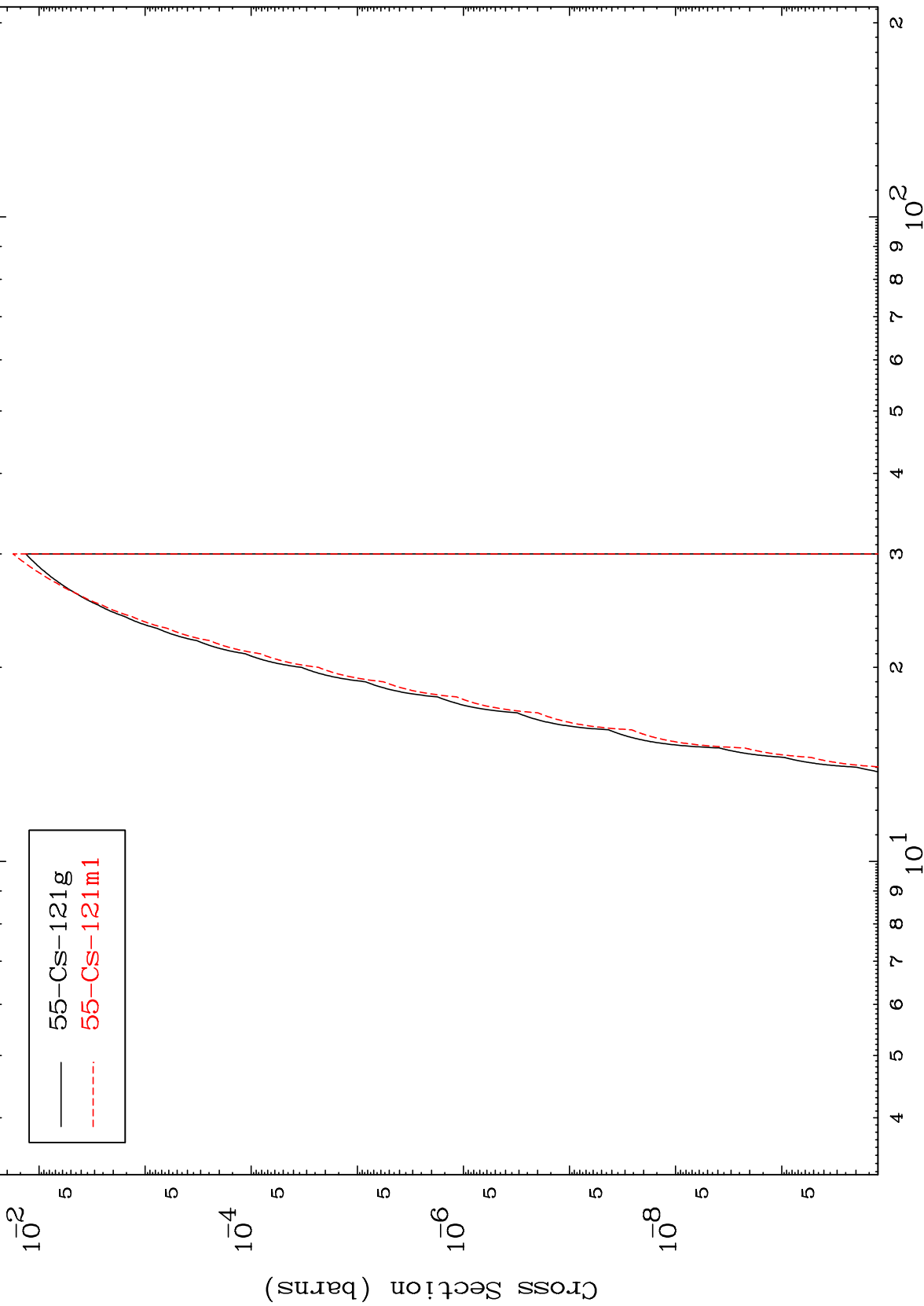
58-Ce-126

MAT 5795

(n,n') p α

58-Ce-126

Radionuclide Production Cross Section



55-Cs-121g
55-Cs-121m1

44

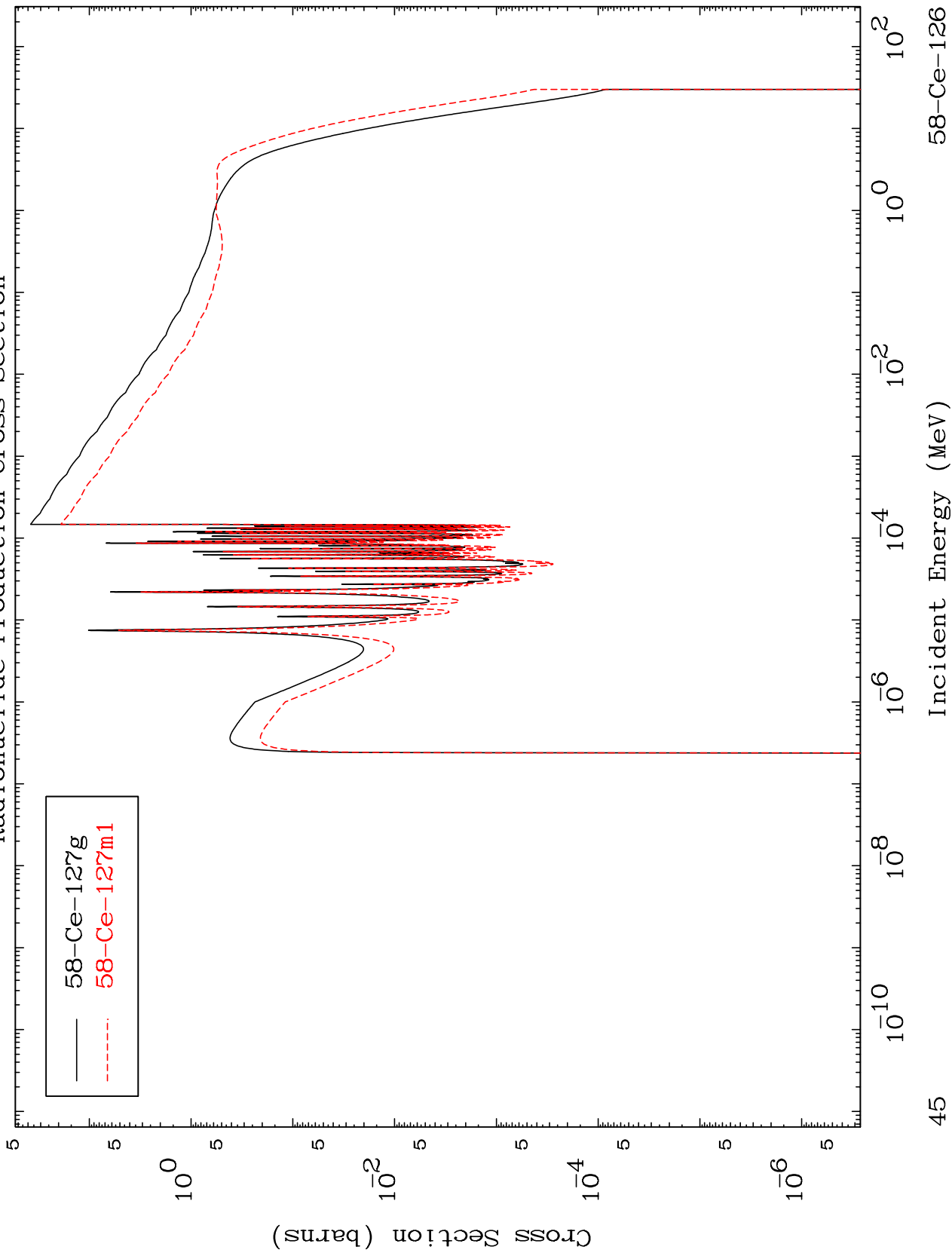
Incident Energy (MeV)

58-Ce-126

MAT 5795

58-Ce-126

(n, γ)
Radionuclide Production Cross Section

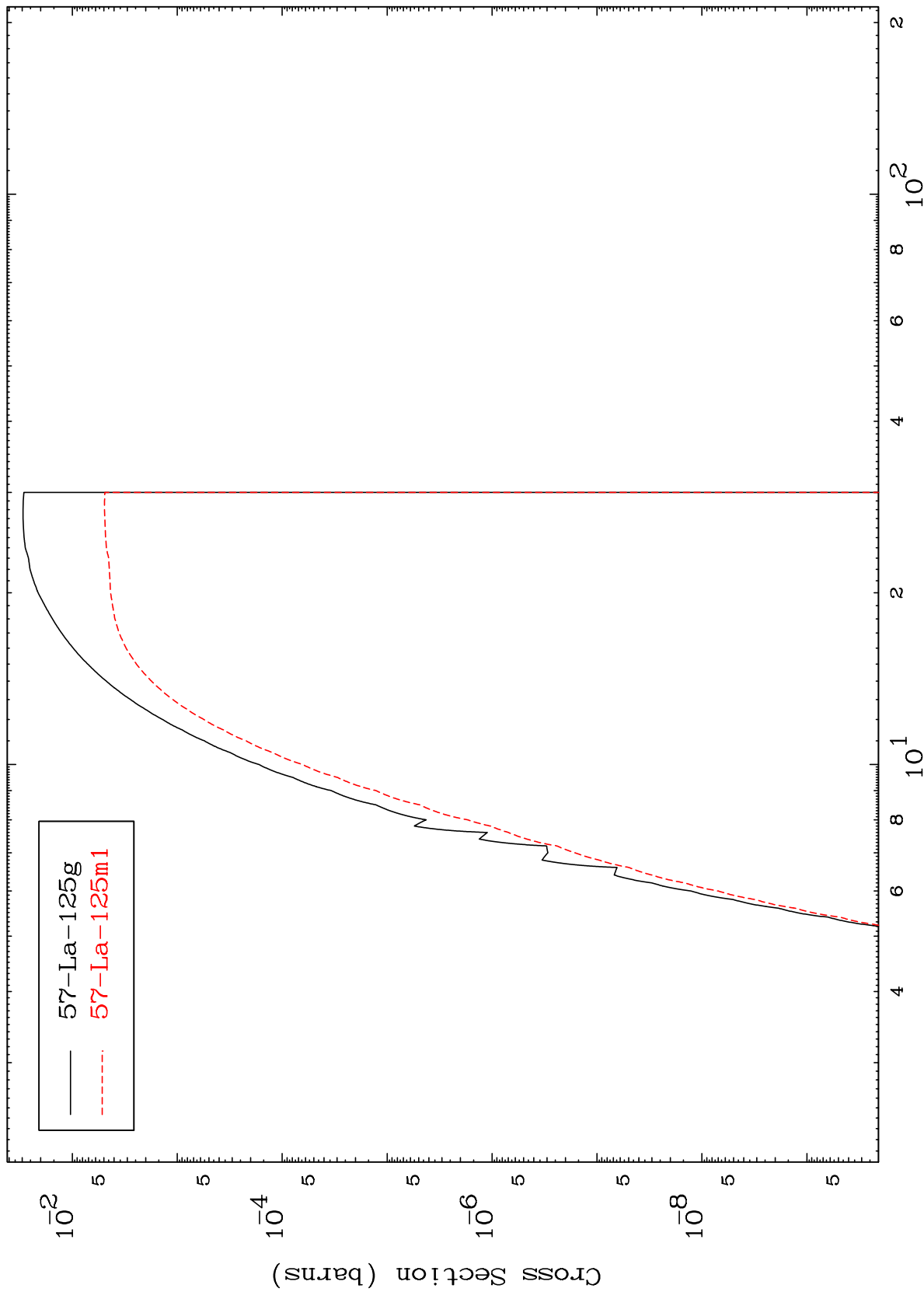


MAT 5795

(n,d)

58-Ce-126

Radionuclide Production Cross Section



46

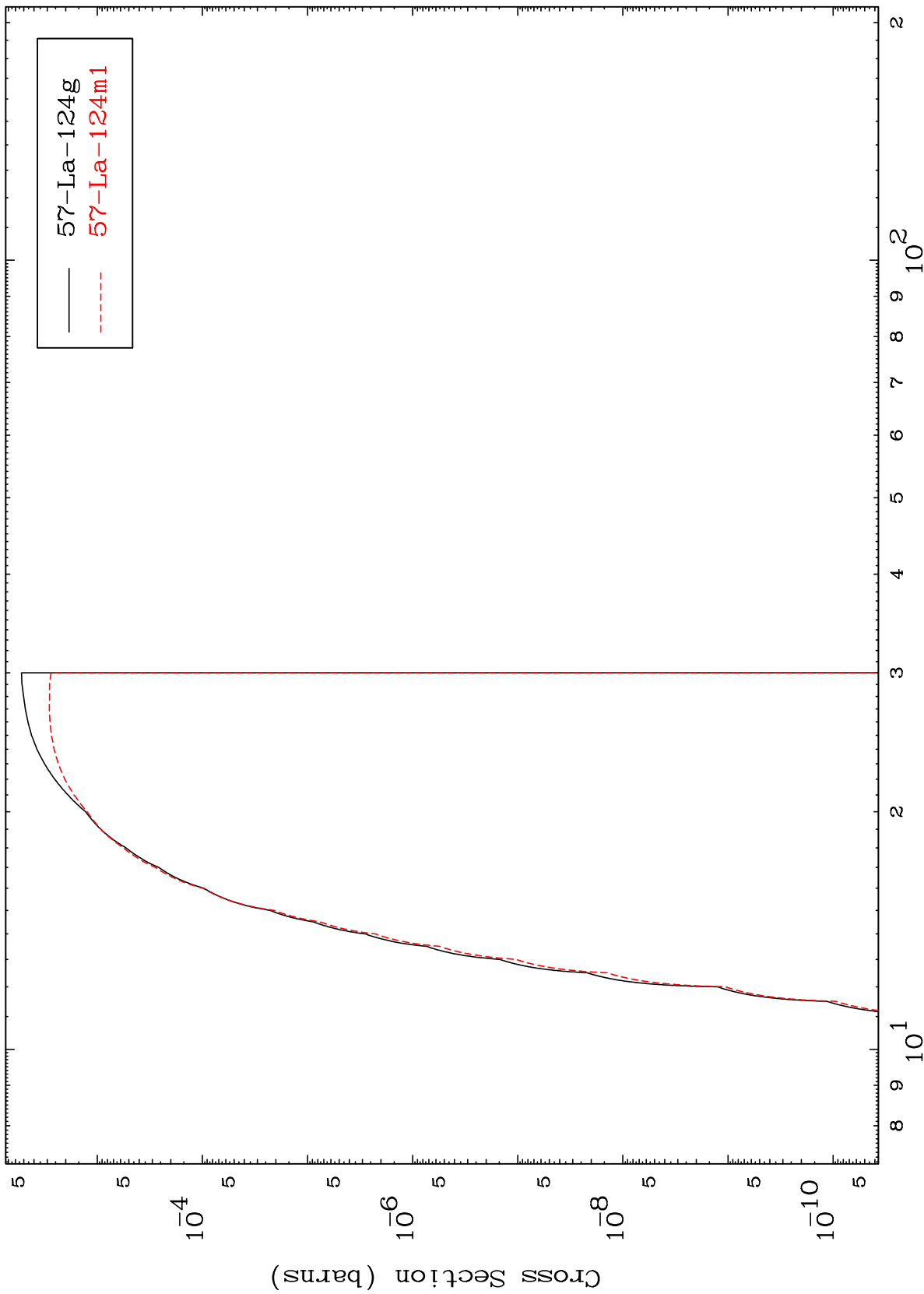
Incident Energy (MeV)

58-Ce-126

MAT 5795

58-Ce-126

(n, t)
Radionuclide Production Cross Section



47

Incident Energy (MeV)

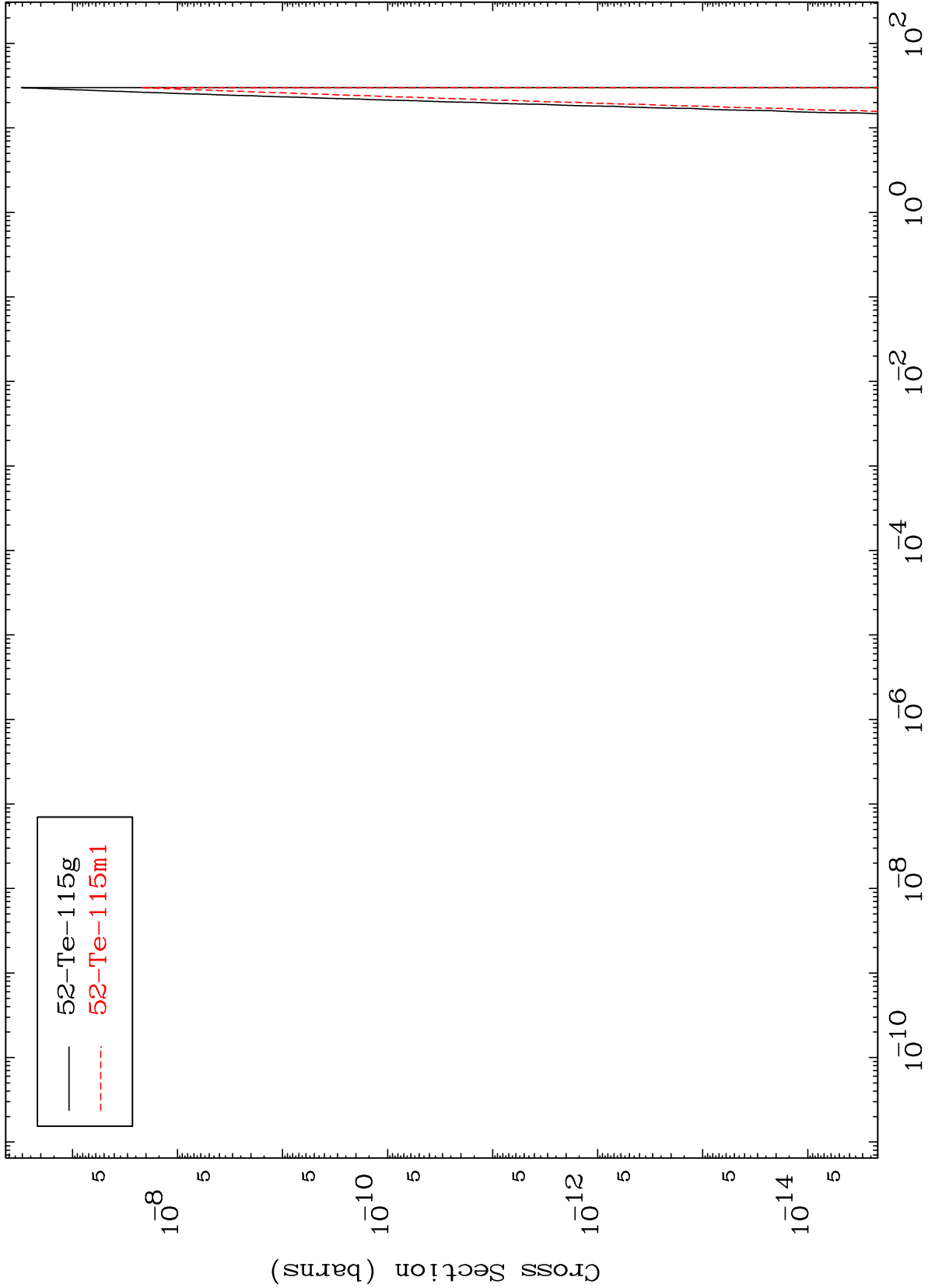
58-Ce-126

MAT 5795

(n,3α)

58-Ce-126

Radionuclide Production Cross Section



48

Incident Energy (MeV)

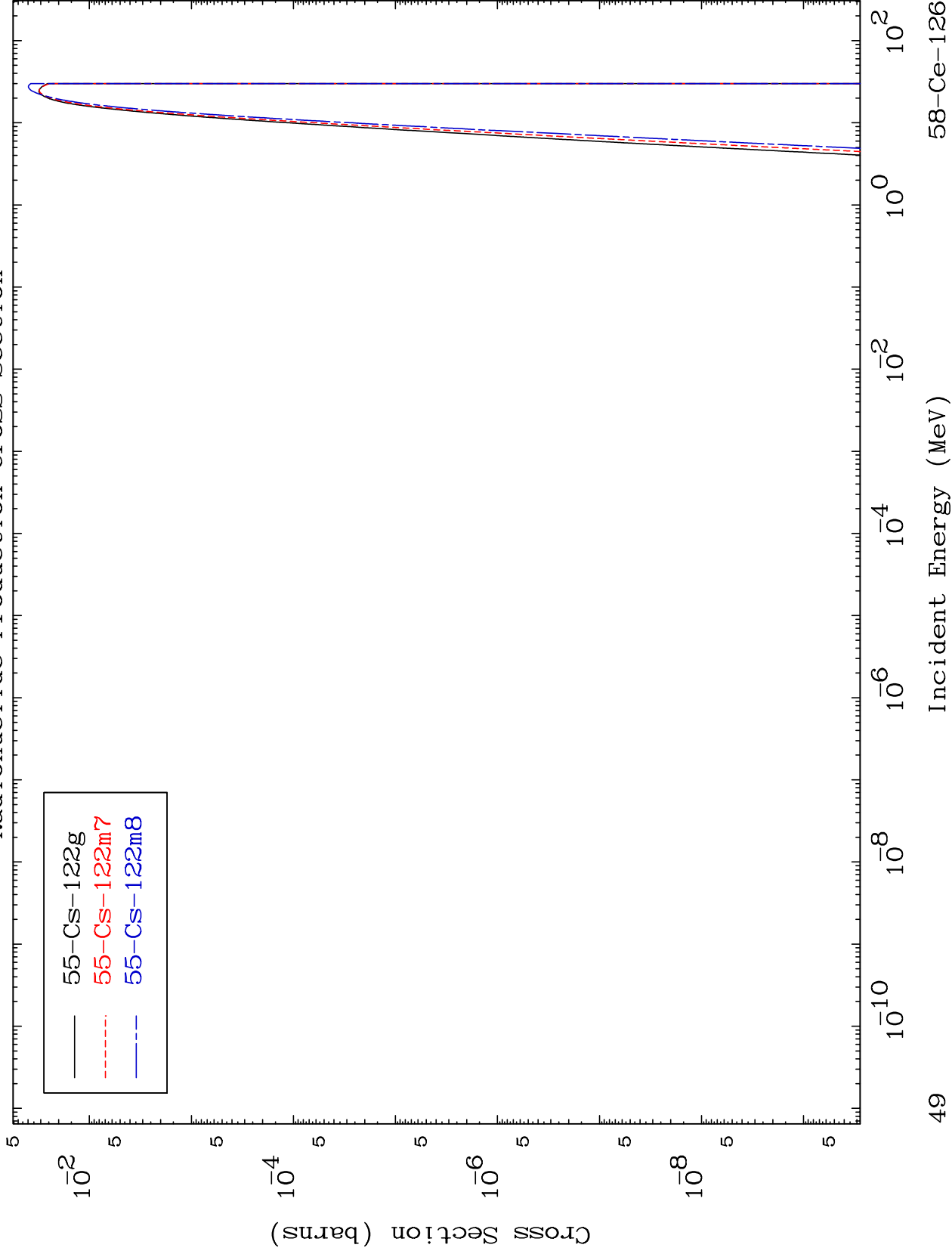
58-Ce-126

MAT 5795

(n,p) α

58-Ce-126

Radionuclide Production Cross Section

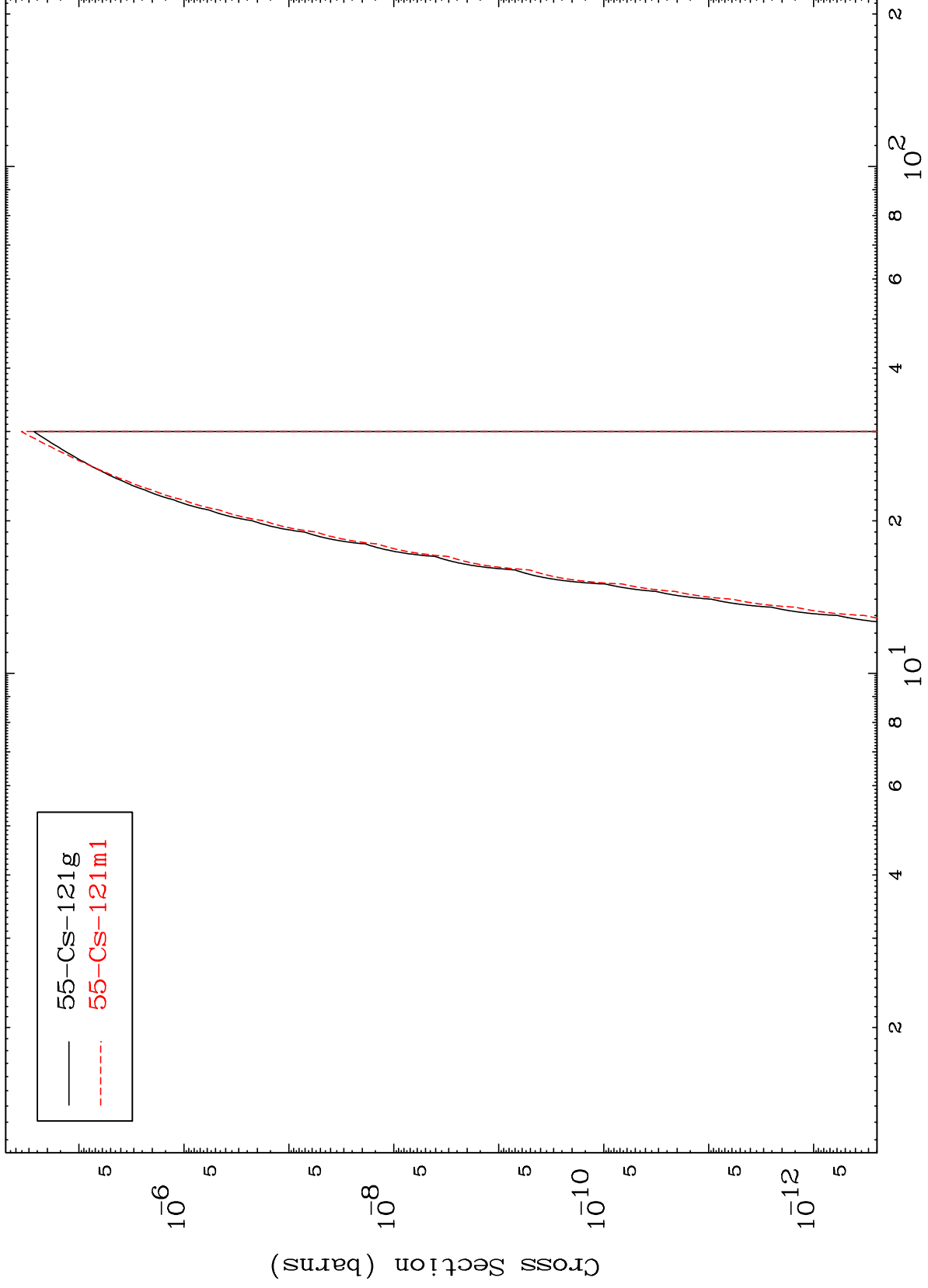


MAT 5795

(n,d) α

58-Ce-126

Radionuclide Production Cross Section



50

Incident Energy (MeV)

58-Ce-126