

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

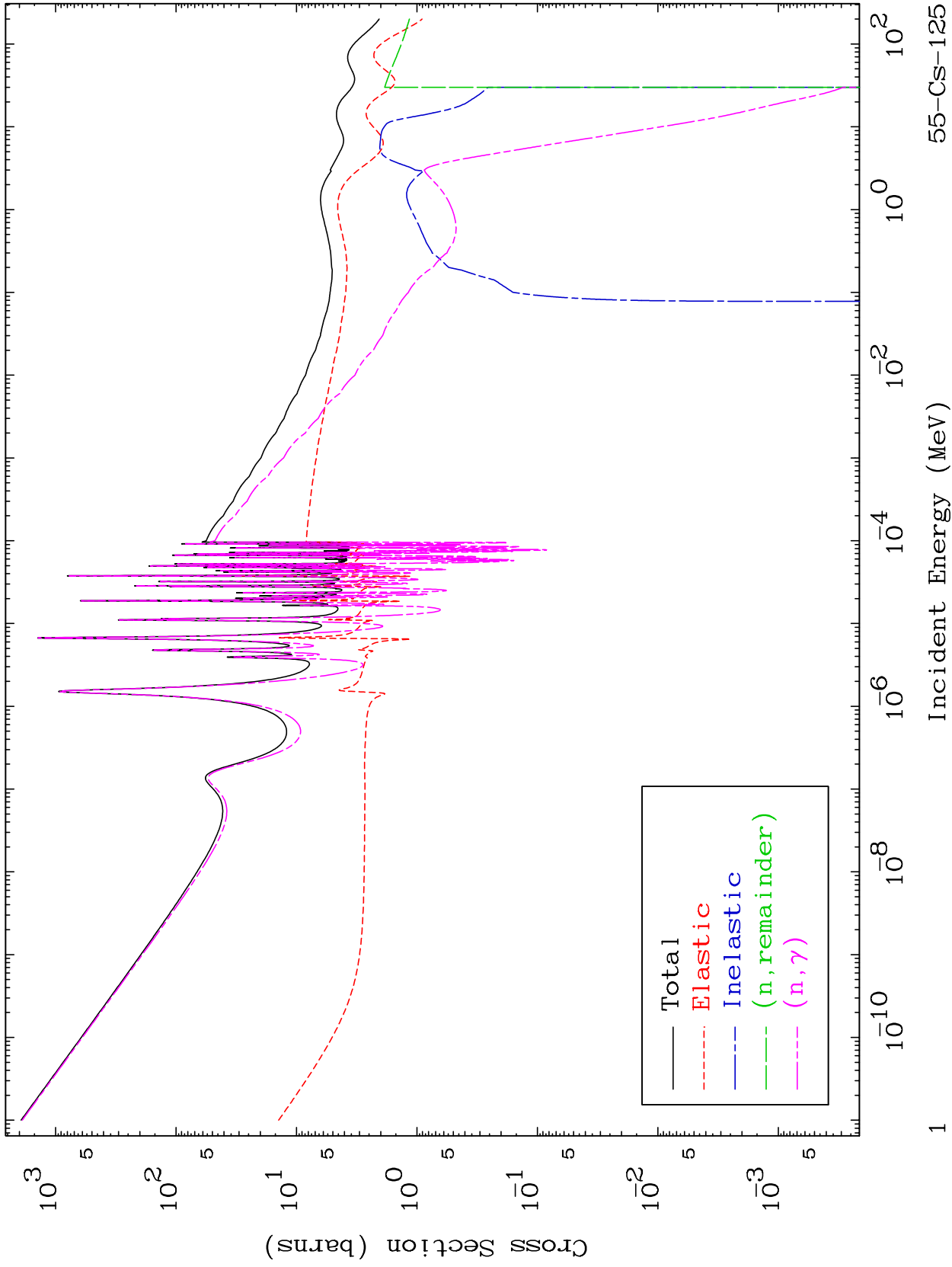
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5501

Major
293 Kelvin Cross Sections

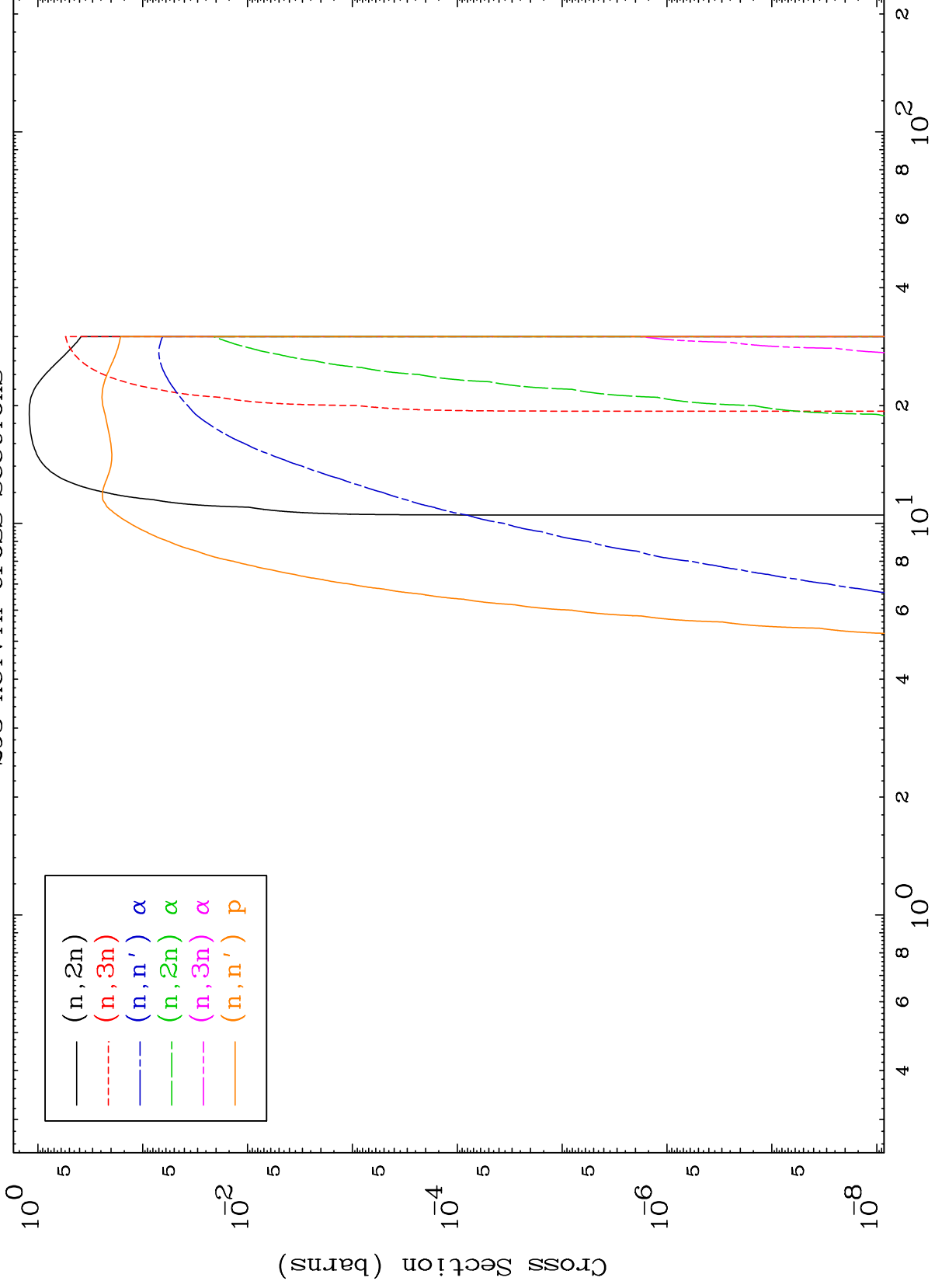
55-Cs-125



MAT 5501

Neutron Production
293 Kelvin Cross Sections

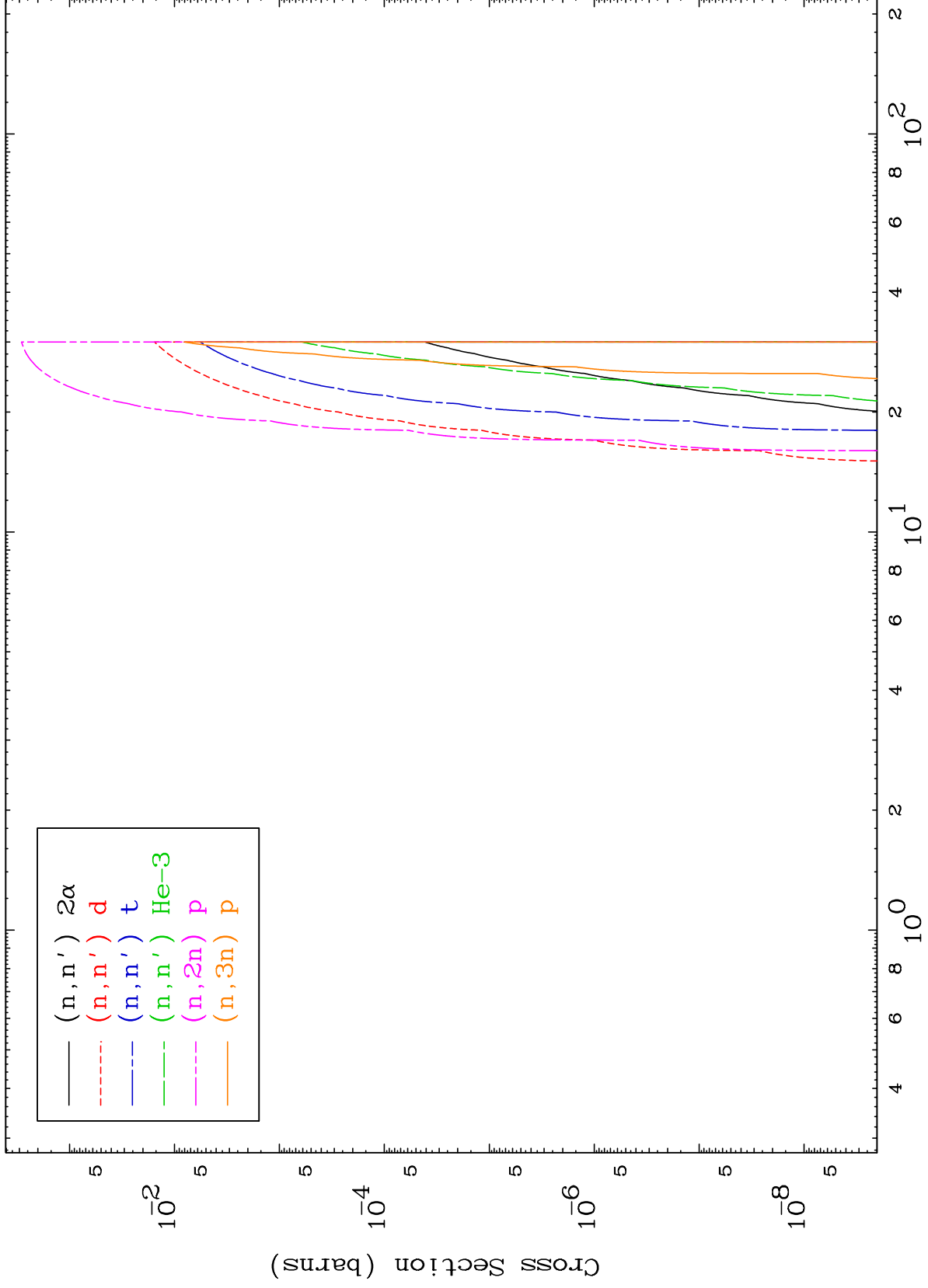
55-Cs-125



MAT 5501

Neutron Production
293 Kelvin Cross Sections

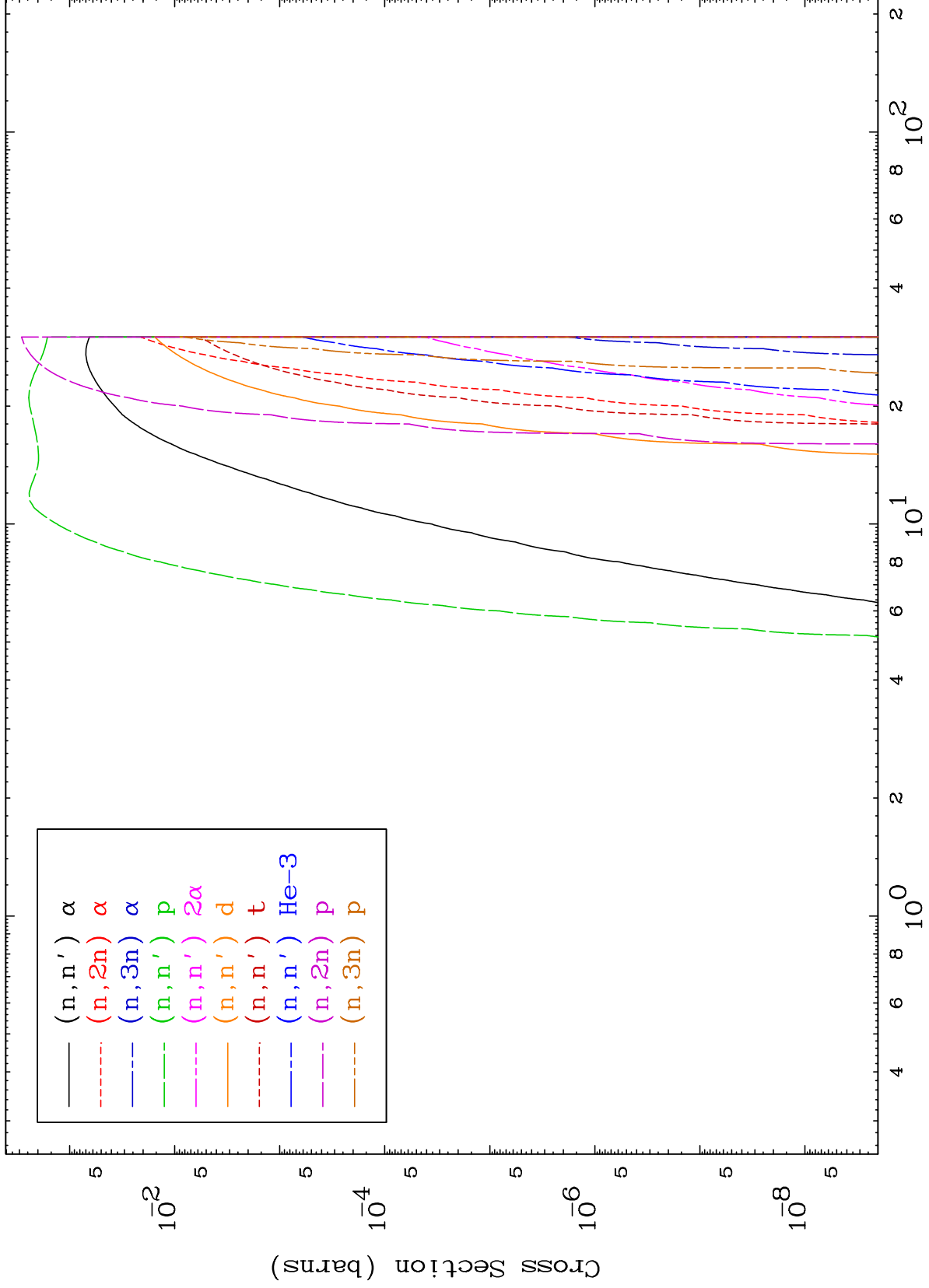
55-Cs-125



MAT 5501

Charged Particle
293 Kelvin Cross Sections

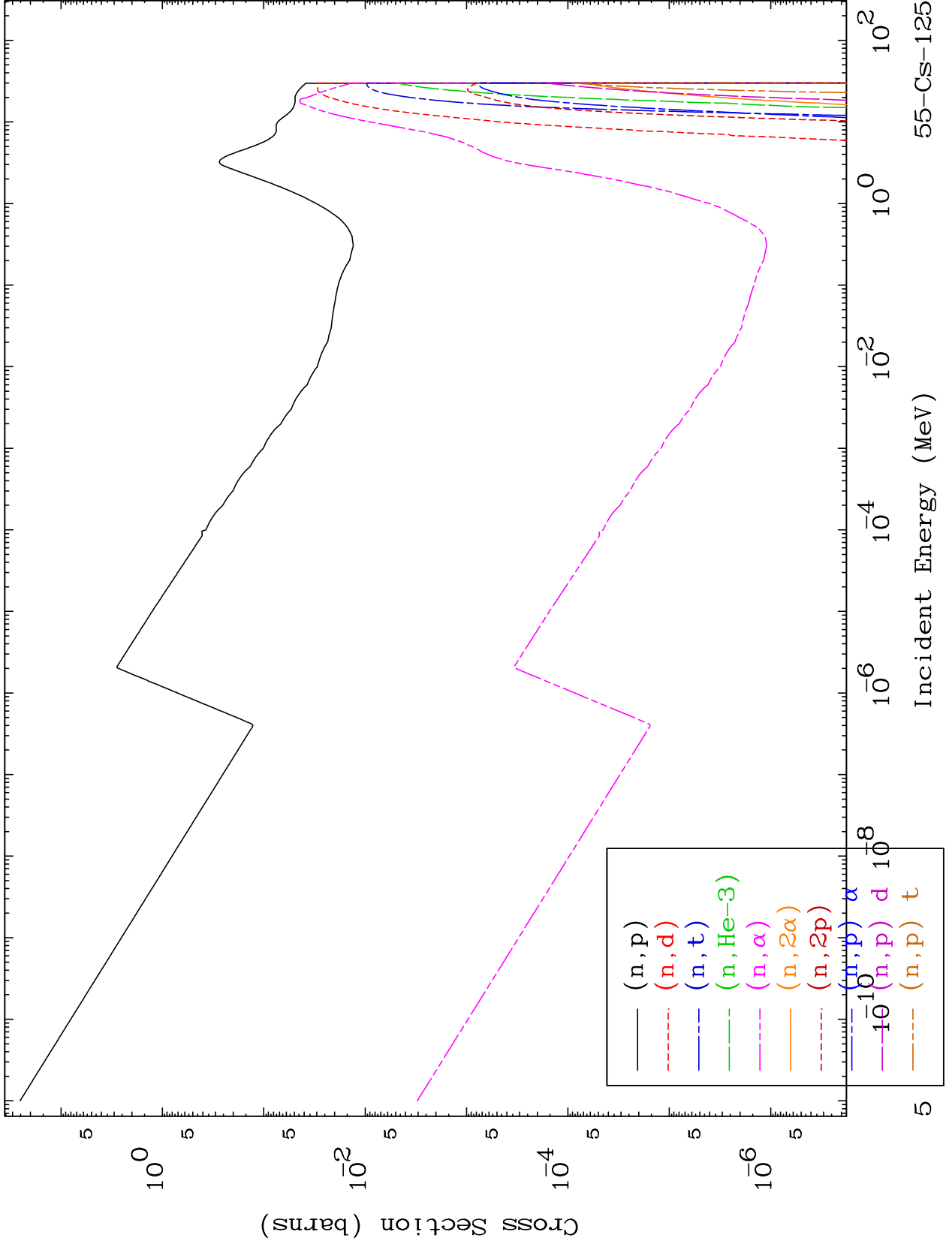
55-Cs-125



MAT 5501

Charged Particle
293 Kelvin Cross Sections

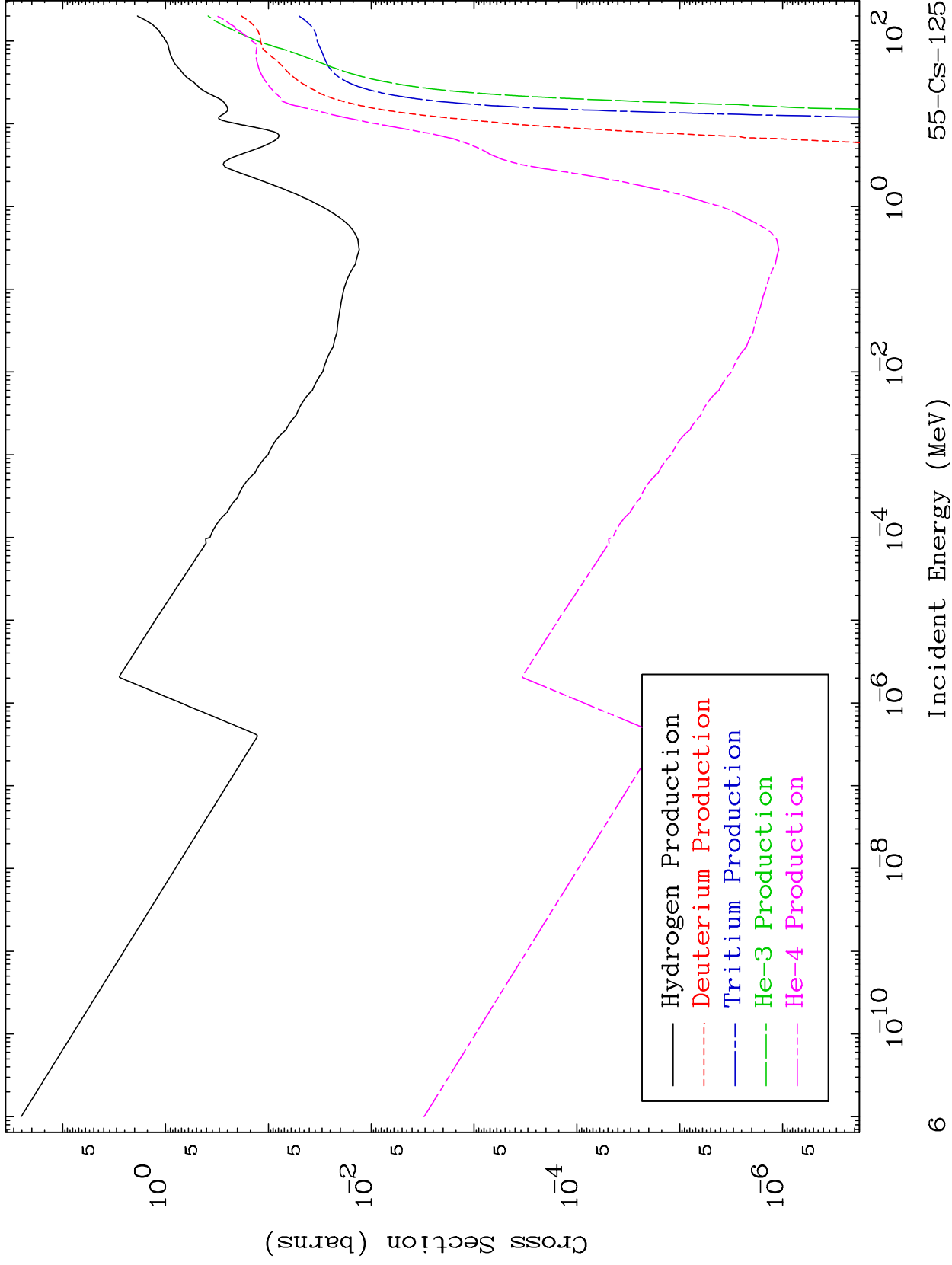
55-Cs-125



MAT 5501

Particle Production
293 Kelvin Cross Sections

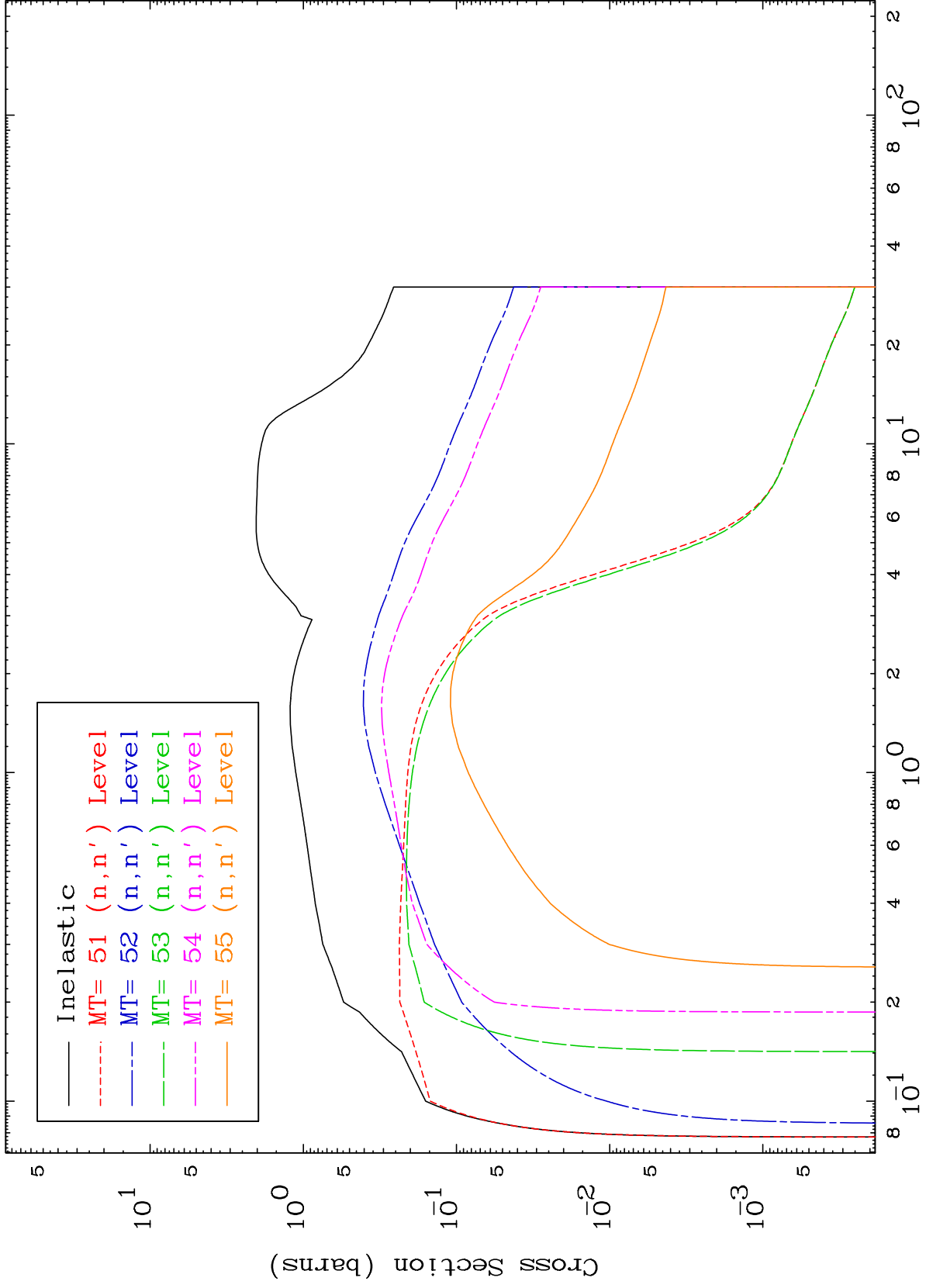
55-Cs-125



MAT 5501

(n,n') Level
293 Kelvin Cross Sections

55-Cs-125



7

Incident Energy (MeV)

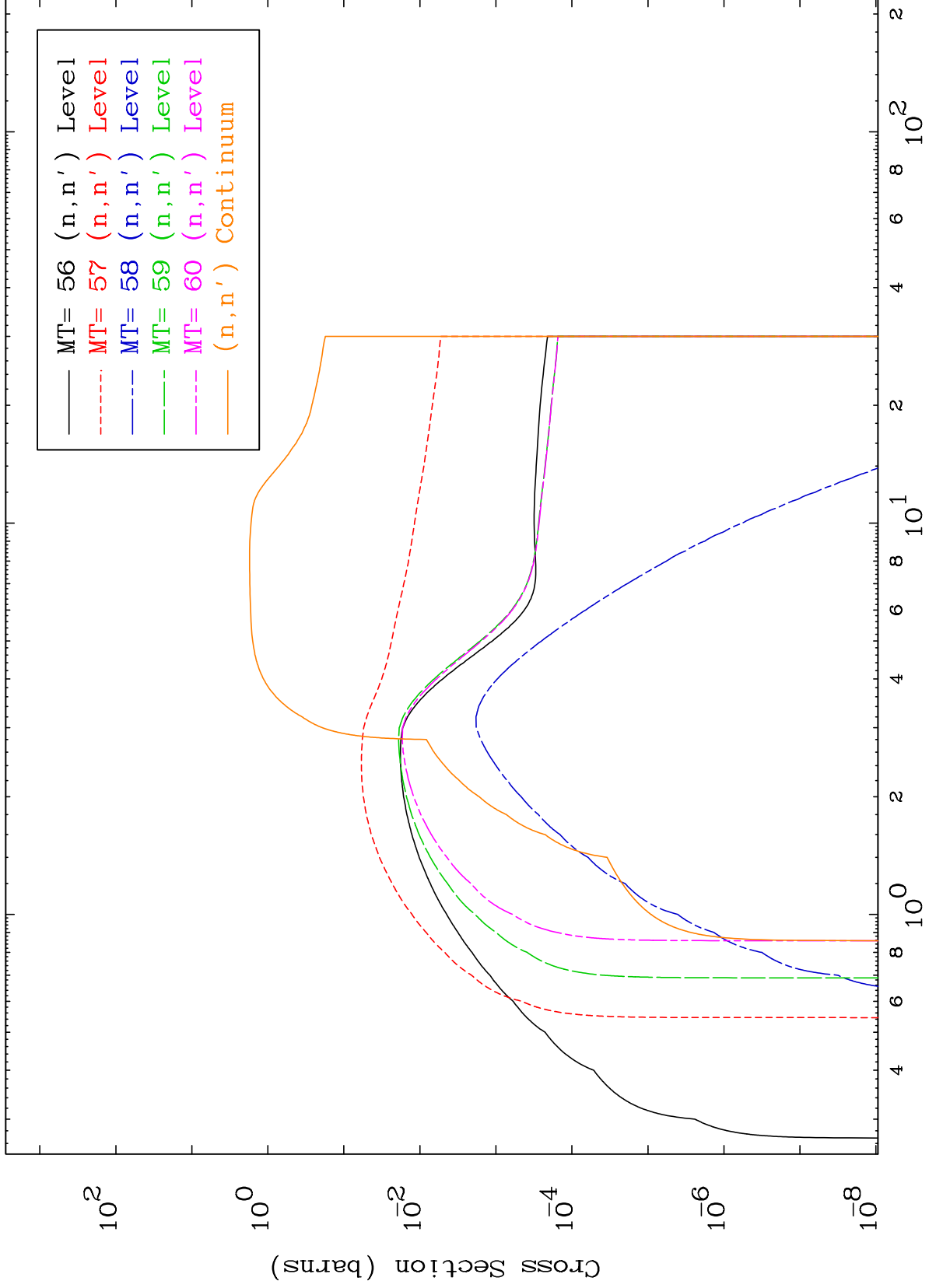
55-Cs-125

MAT 5501

(n,n') Level

55-Cs-125

293 Kelvin Cross Sections



8

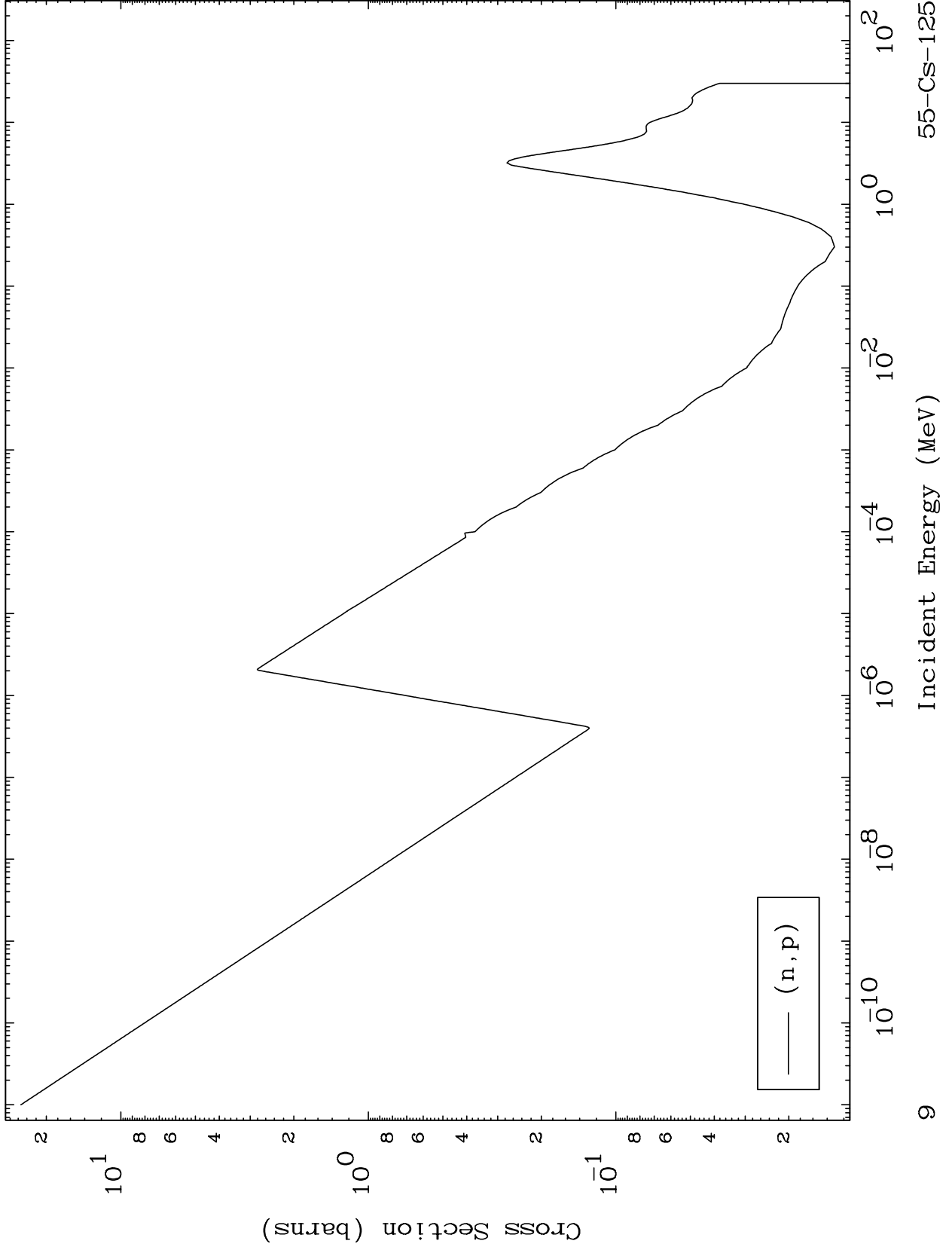
Incident Energy (MeV)

55-Cs-125

MAT 5501

(n,p) Levels
293 Kelvin Cross Sections

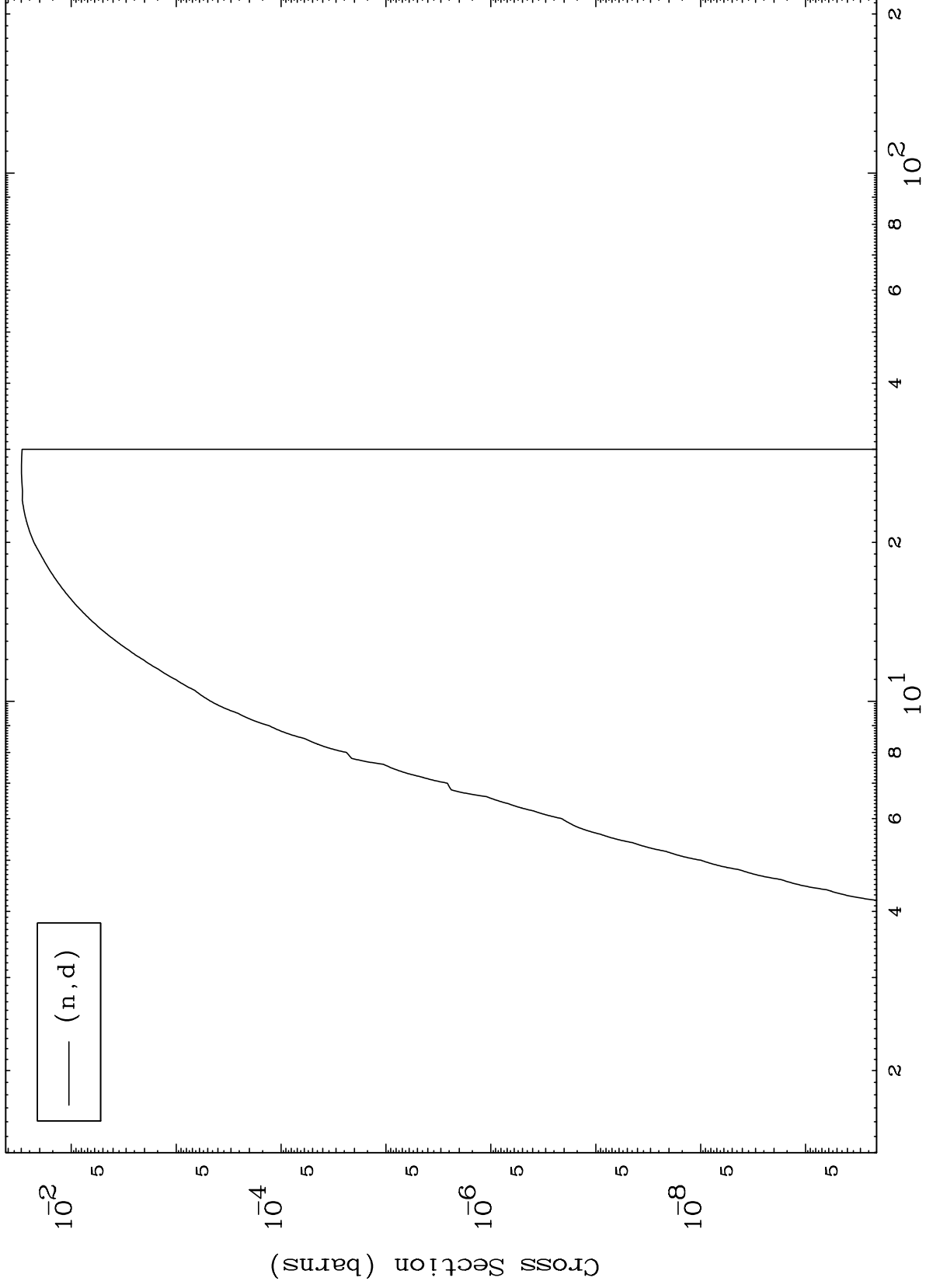
55-Cs-125



MAT 5501

(n,d) Levels
293 Kelvin Cross Sections

55-Cs-125



10

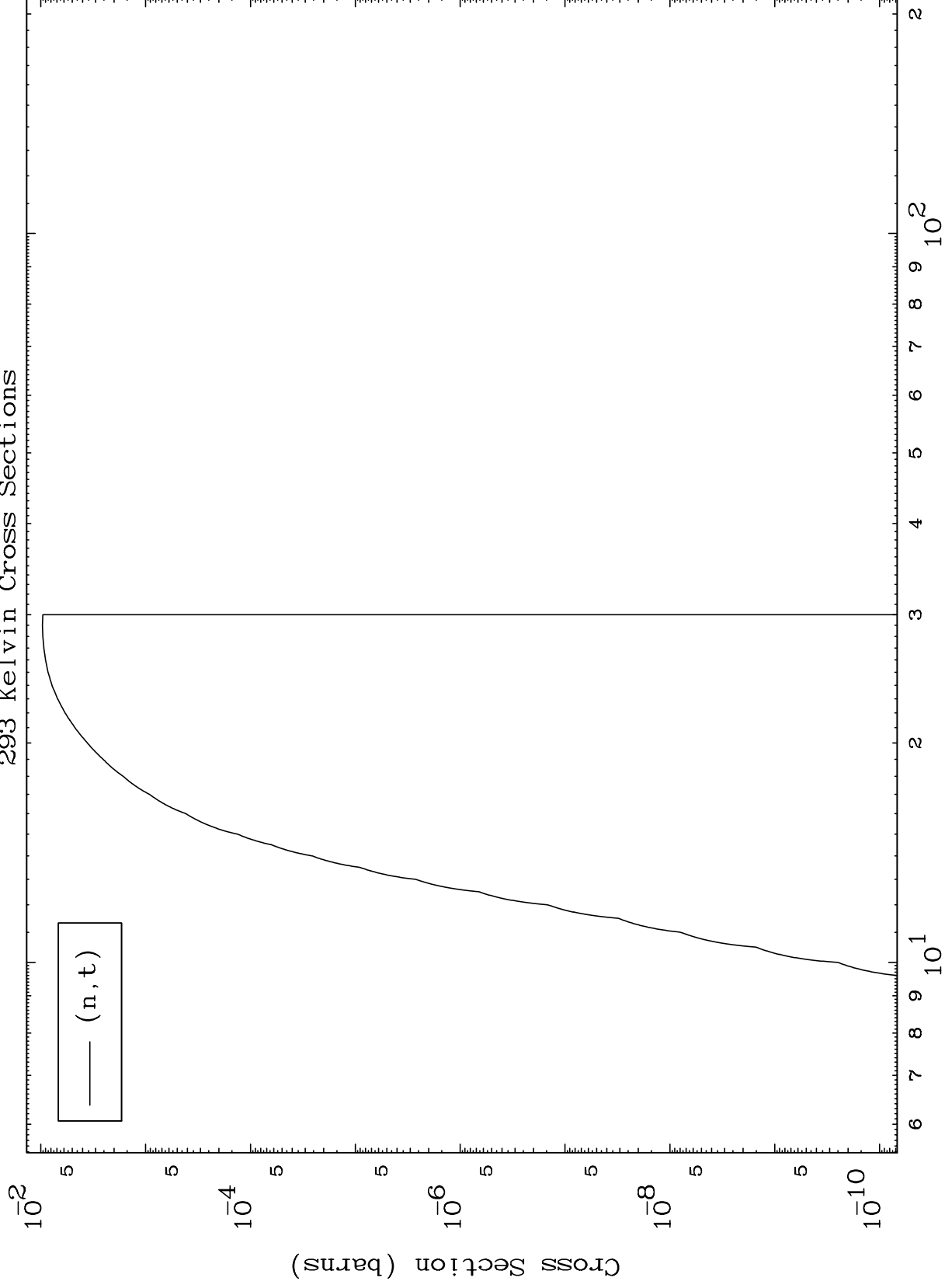
Incident Energy (MeV)

55-Cs-125

MAT 5501

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-125



11

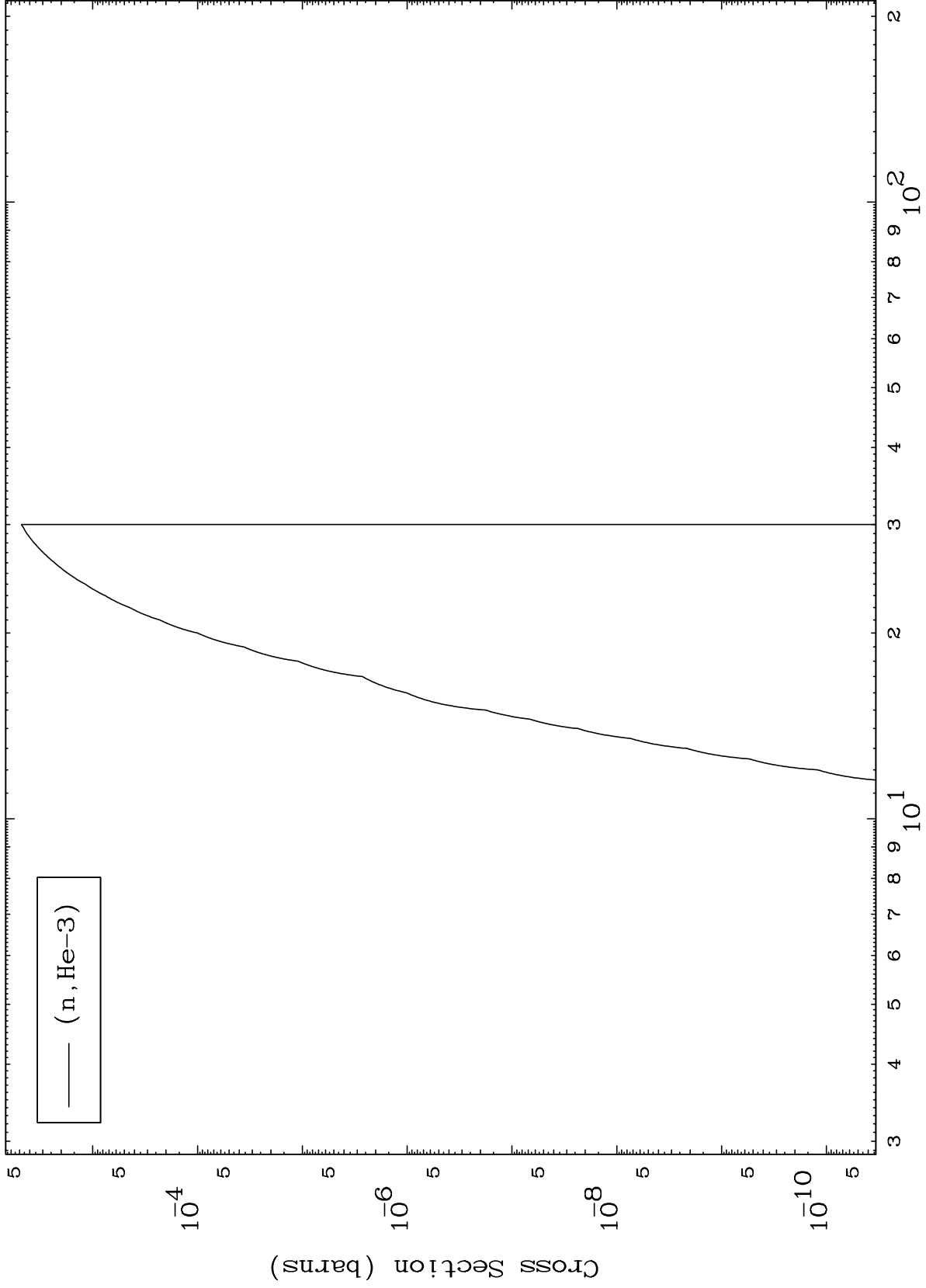
Incident Energy (MeV)

55-Cs-125

MAT 5501

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-125



12

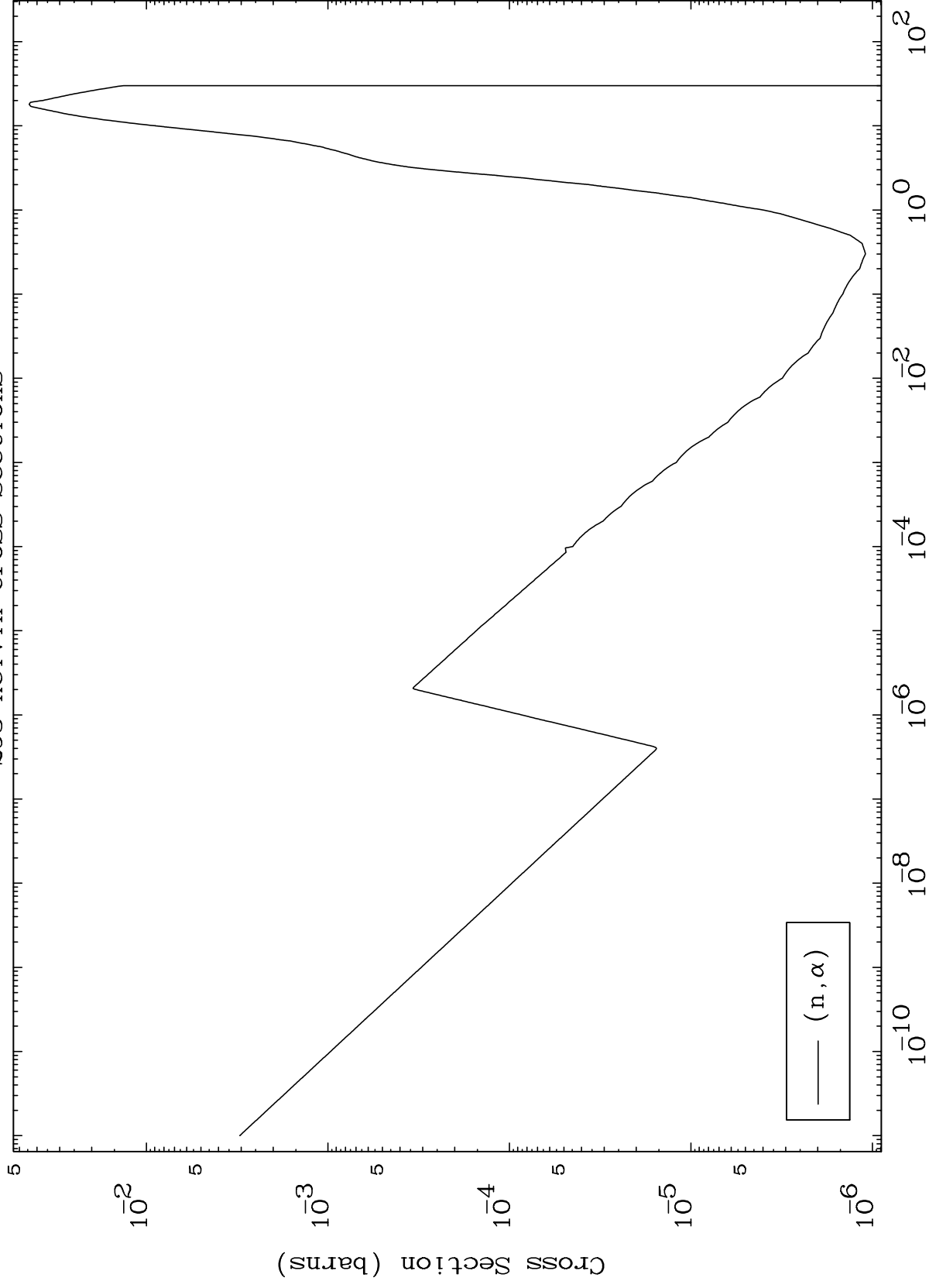
Incident Energy (MeV)

55-Cs-125

MAT 5501

(n,α) Levels
293 Kelvin Cross Sections

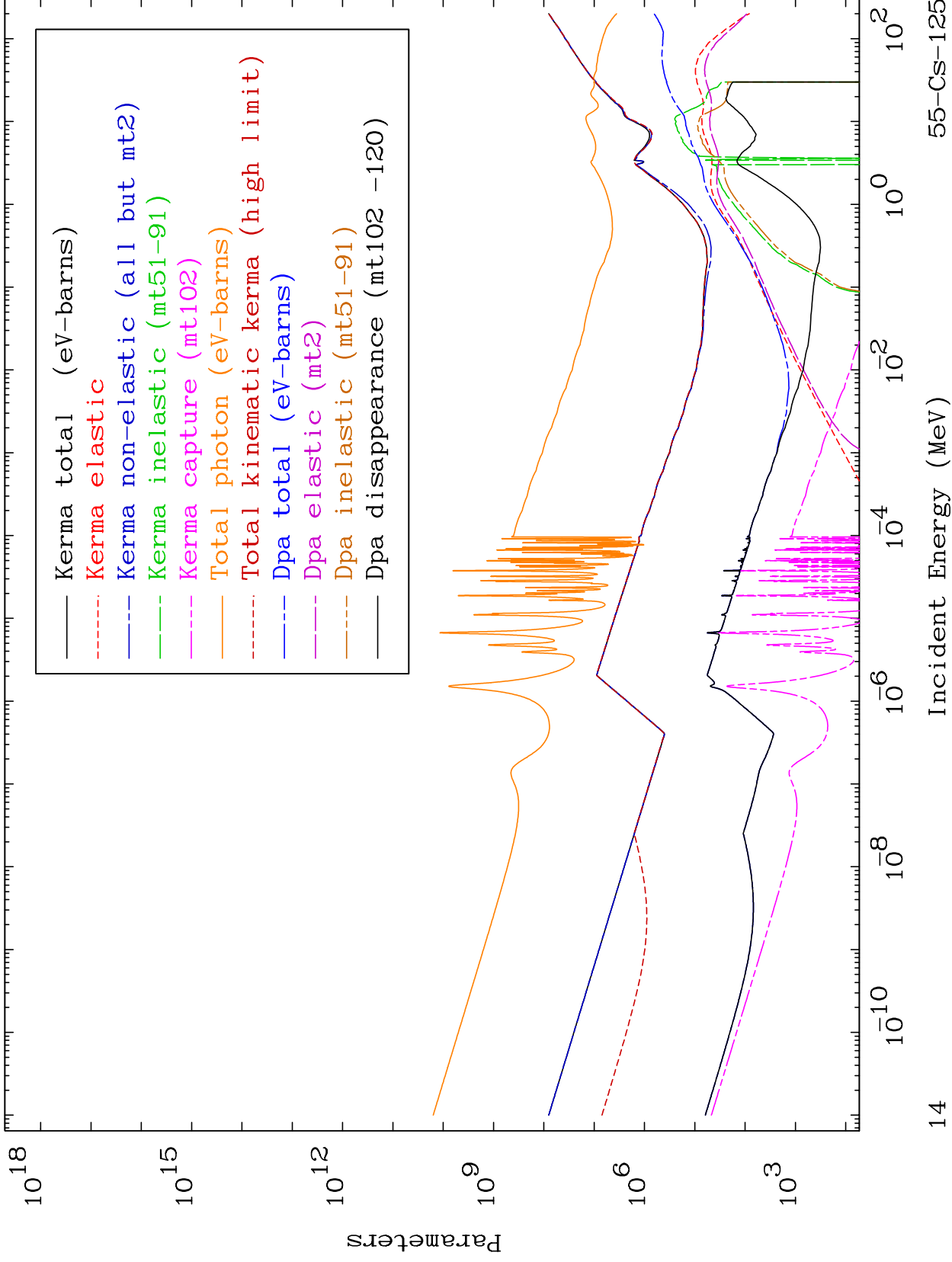
55-Cs-125

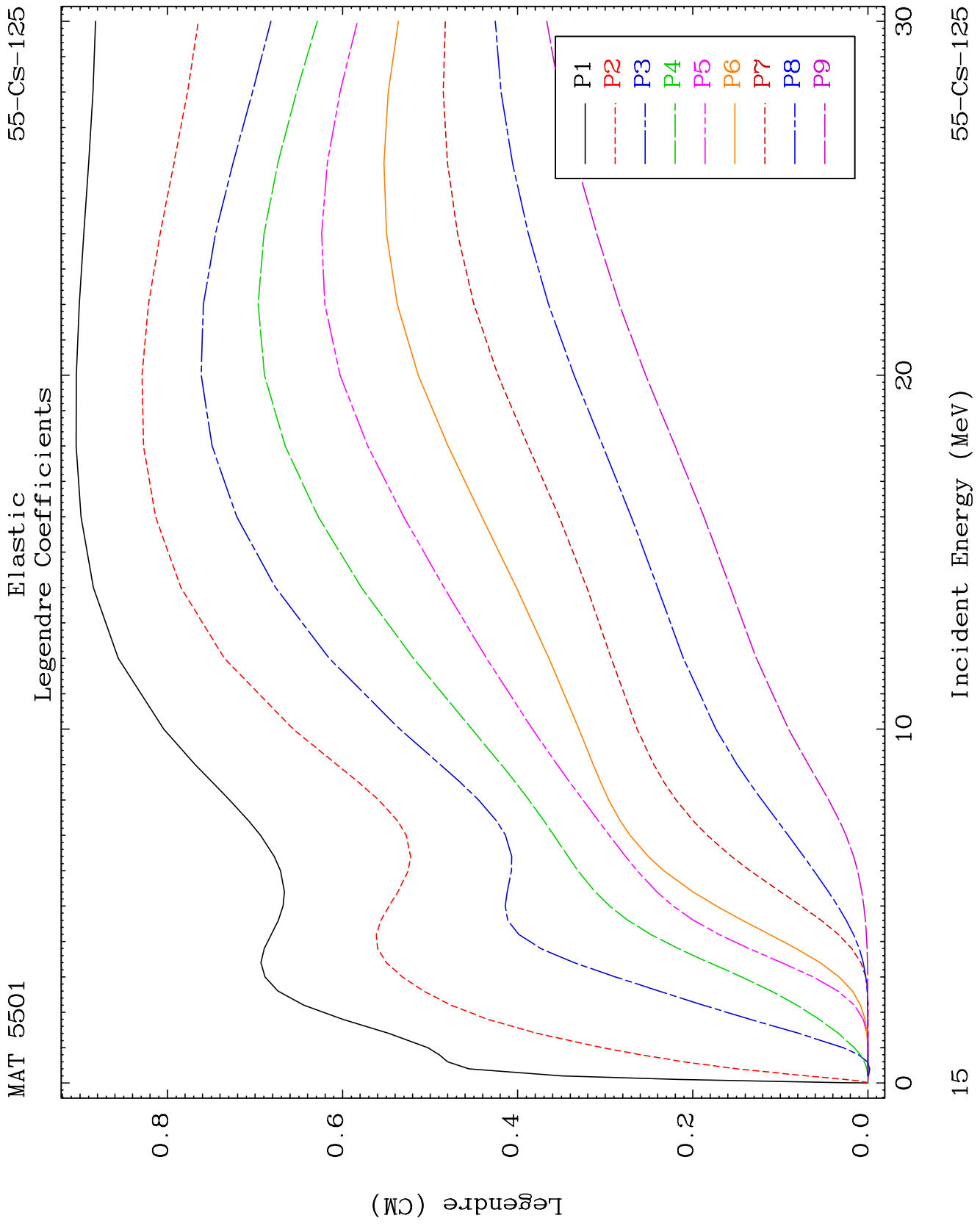


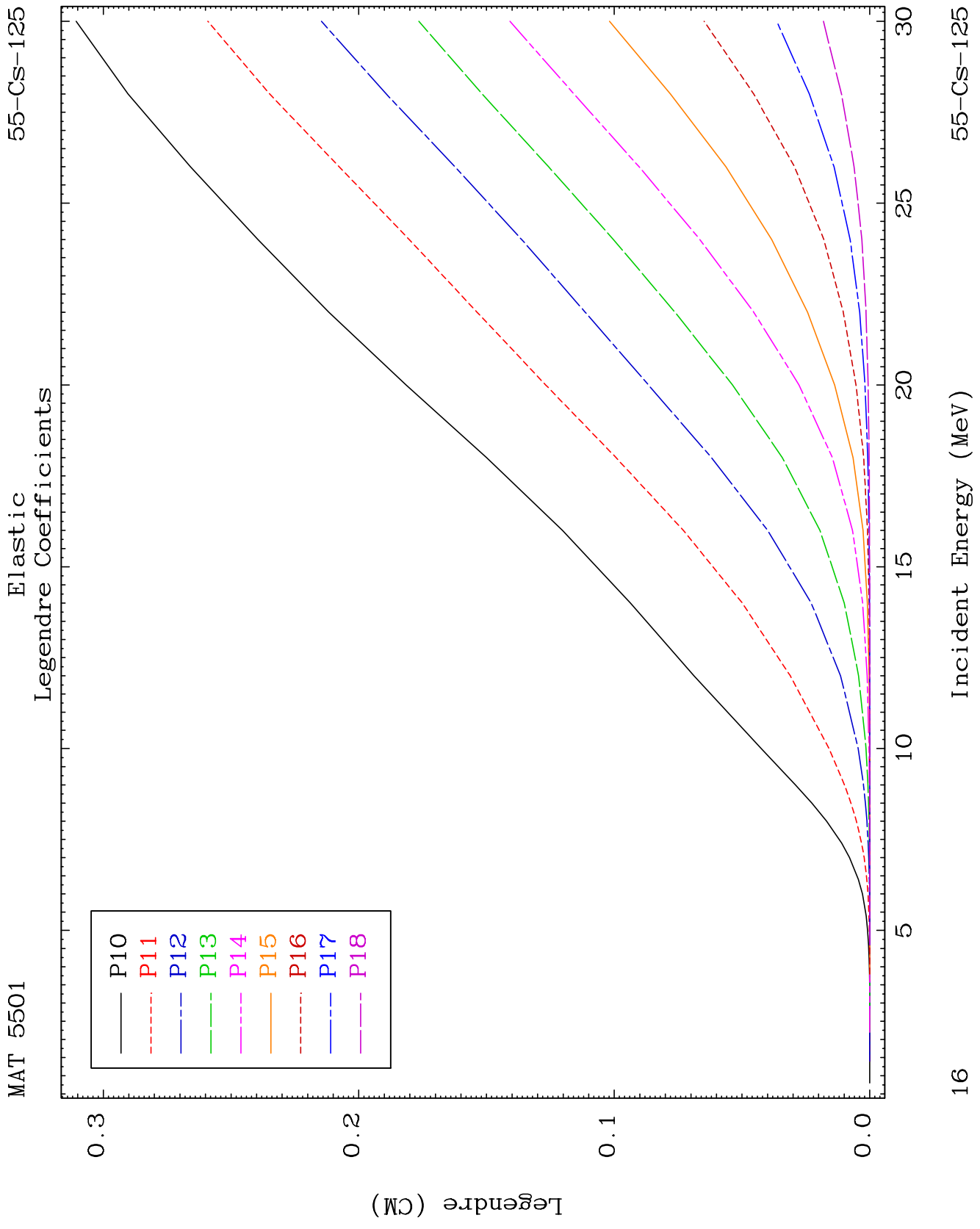
13

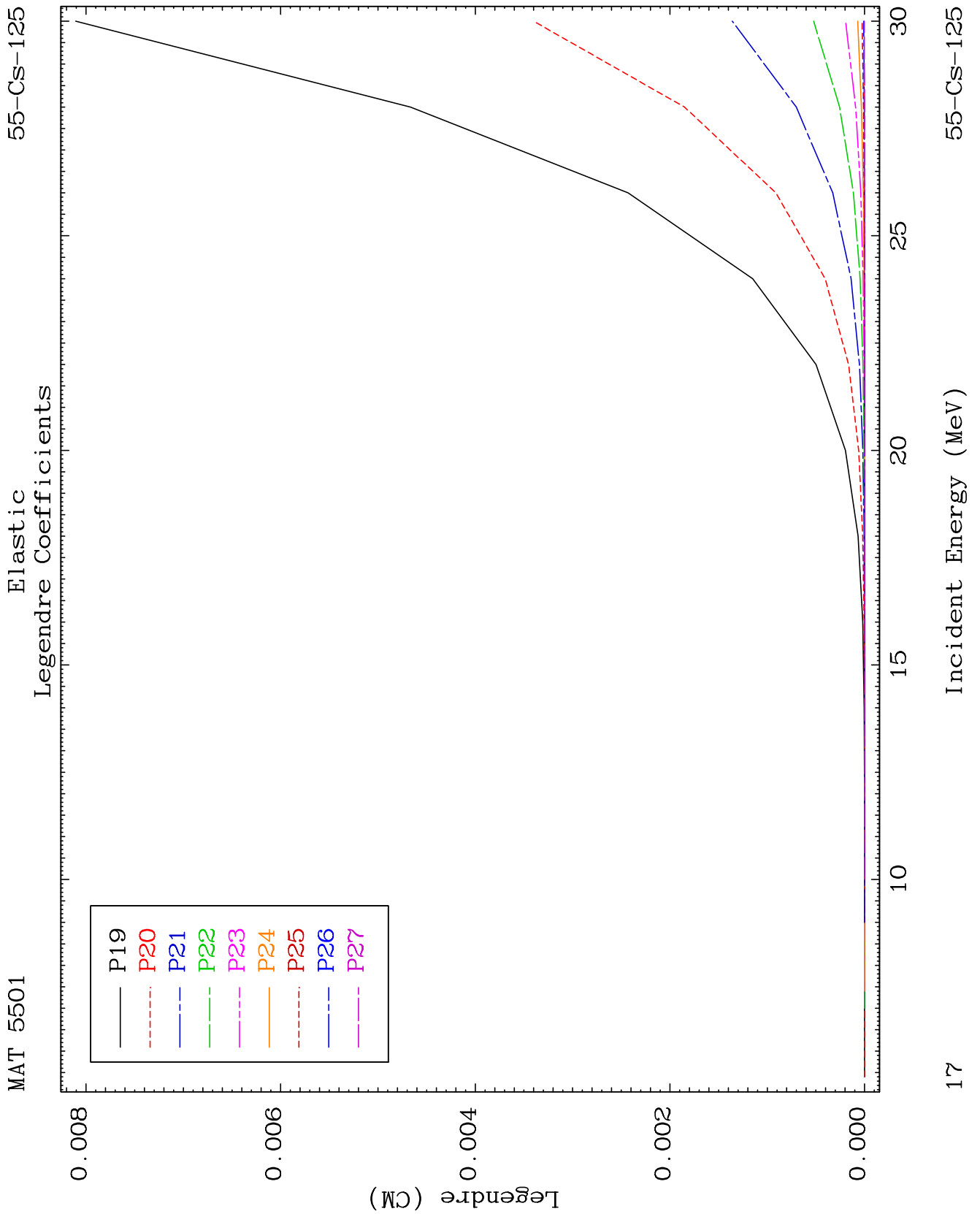
Incident Energy (MeV)

55-Cs-125









MAT 5501

Elastic Legendre Coefficients

55-Cs-125

17

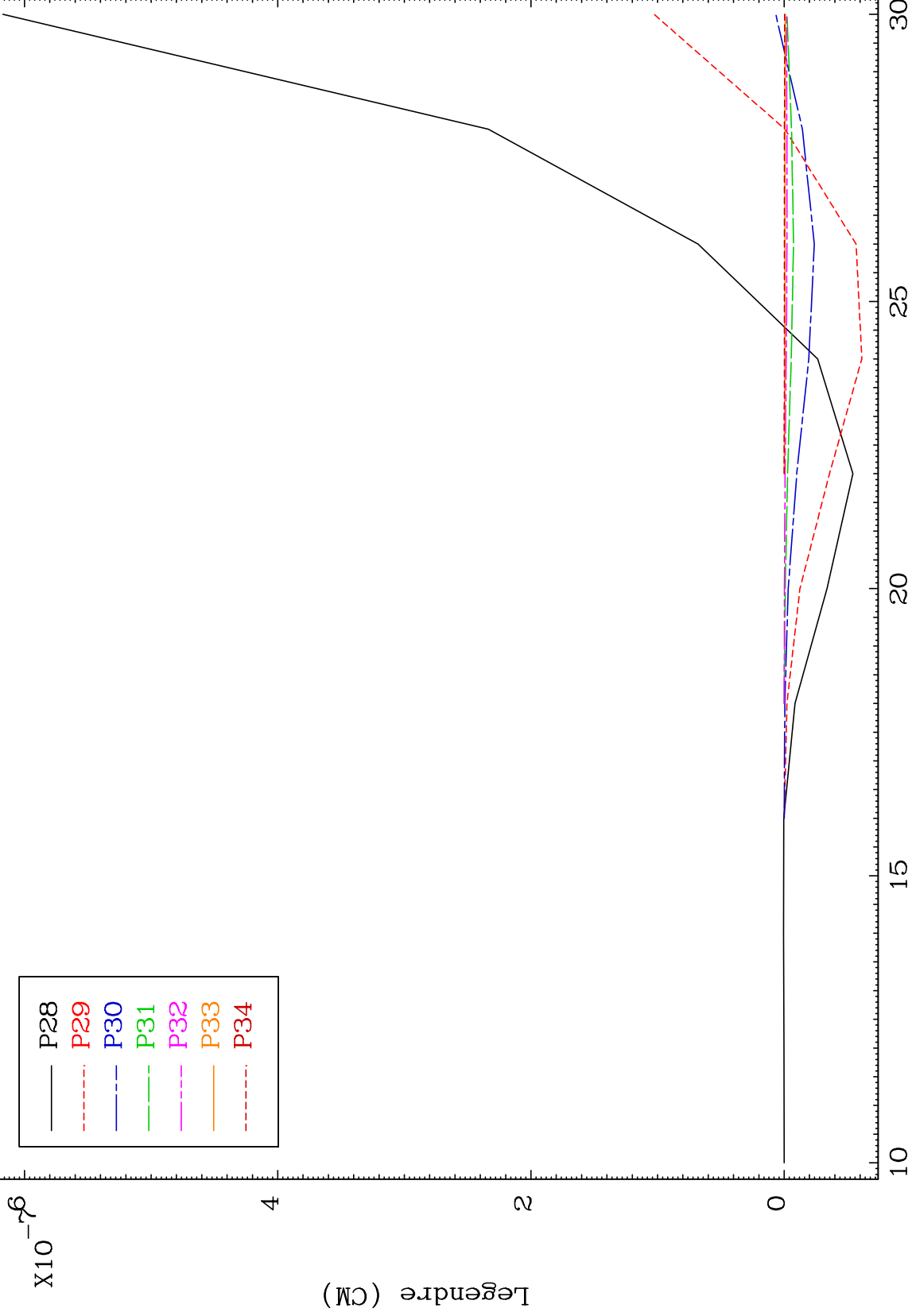
Incident Energy (MeV)

55-Cs-125

MAT 5501

Elastic Legendre Coefficients

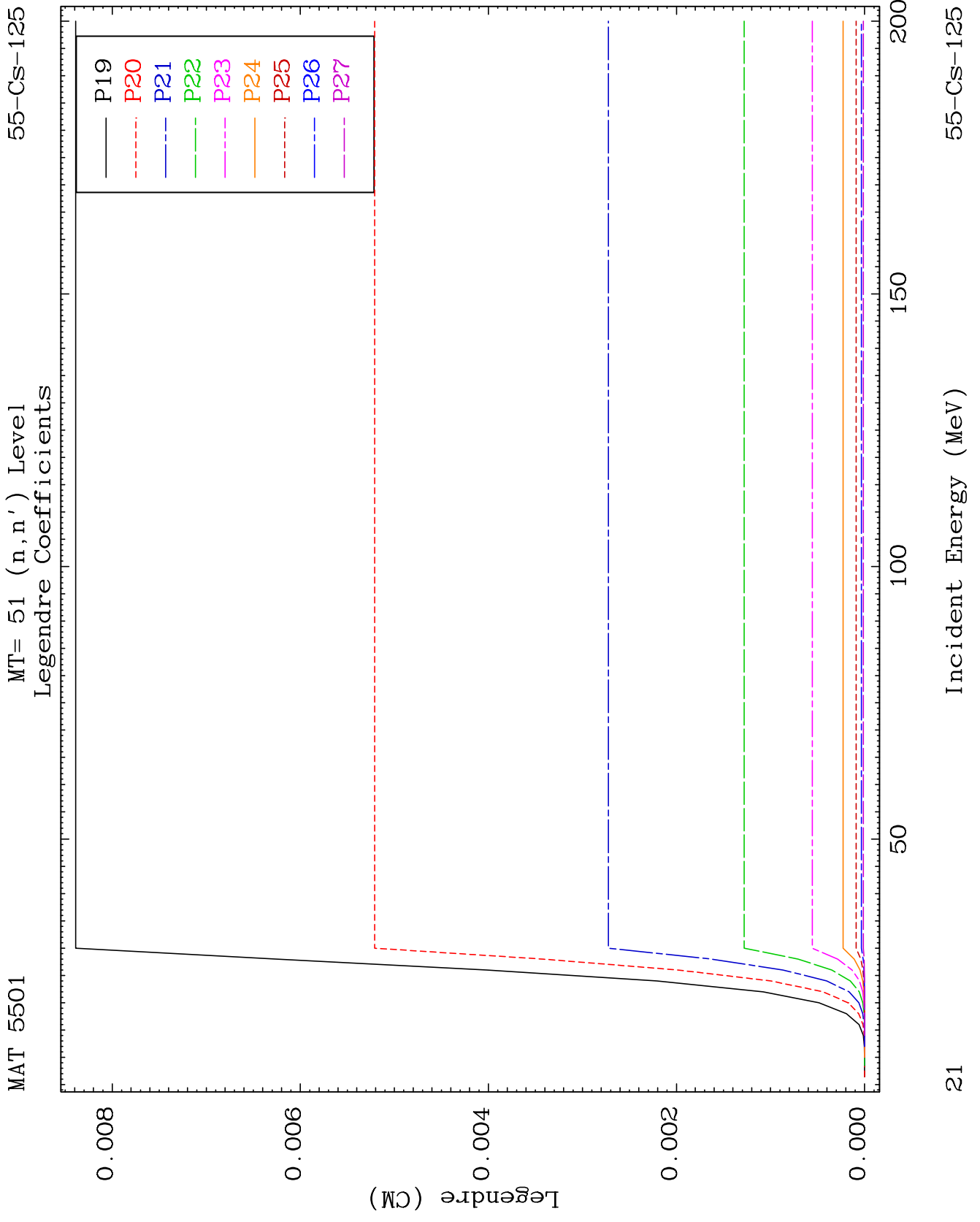
55-Cs-125

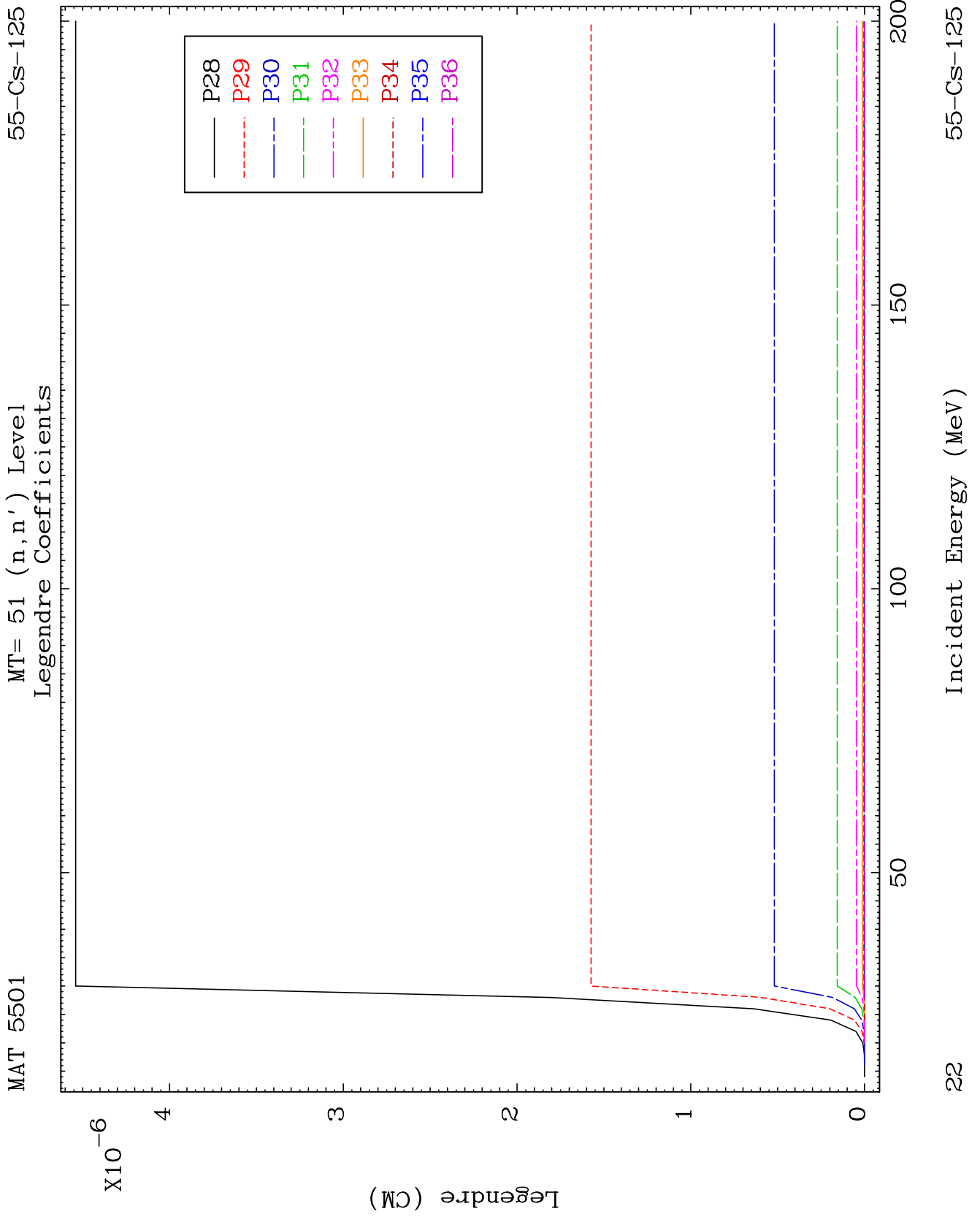


18

Incident Energy (MeV)

55-Cs-125

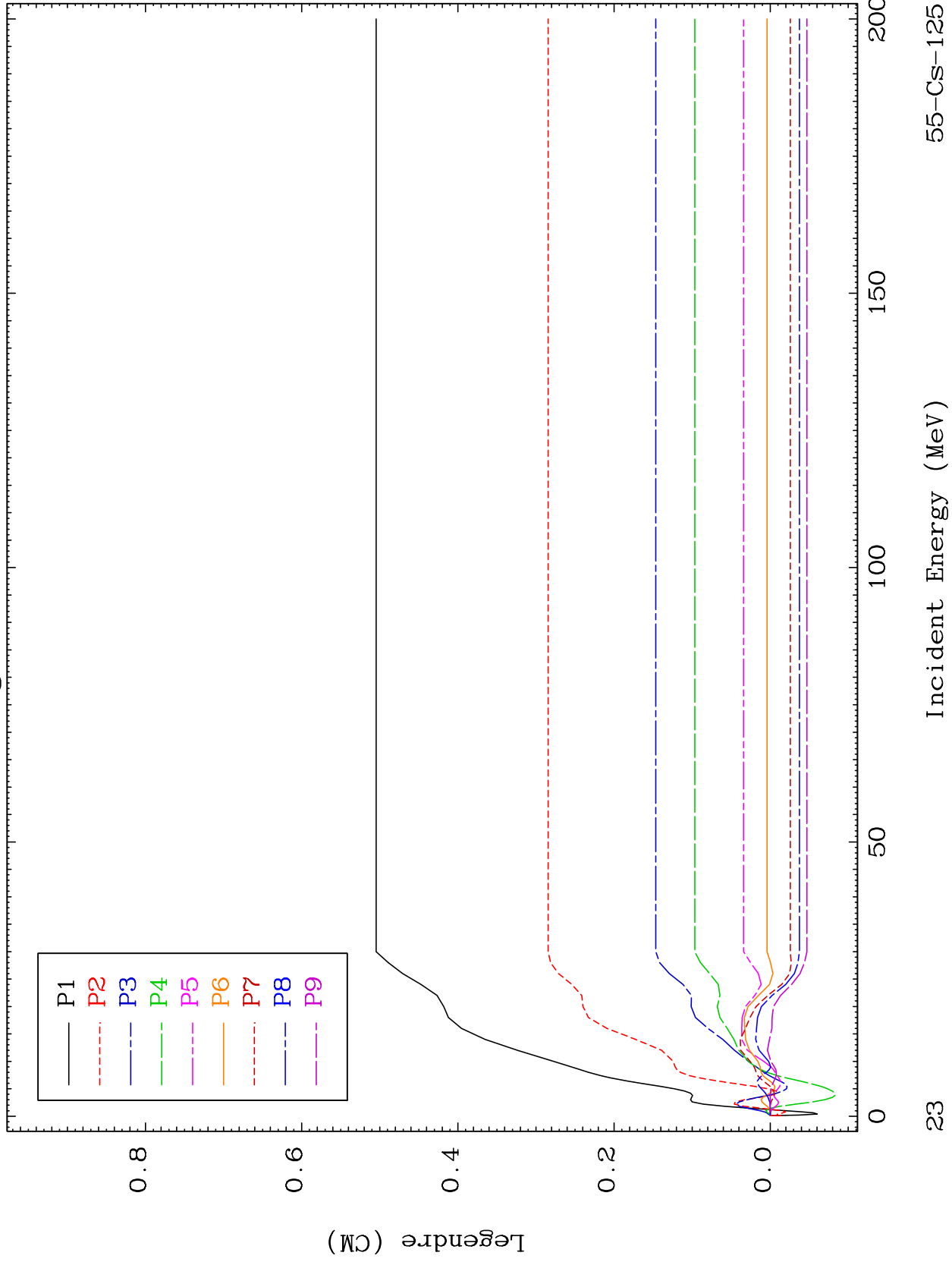




MAT 5501

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

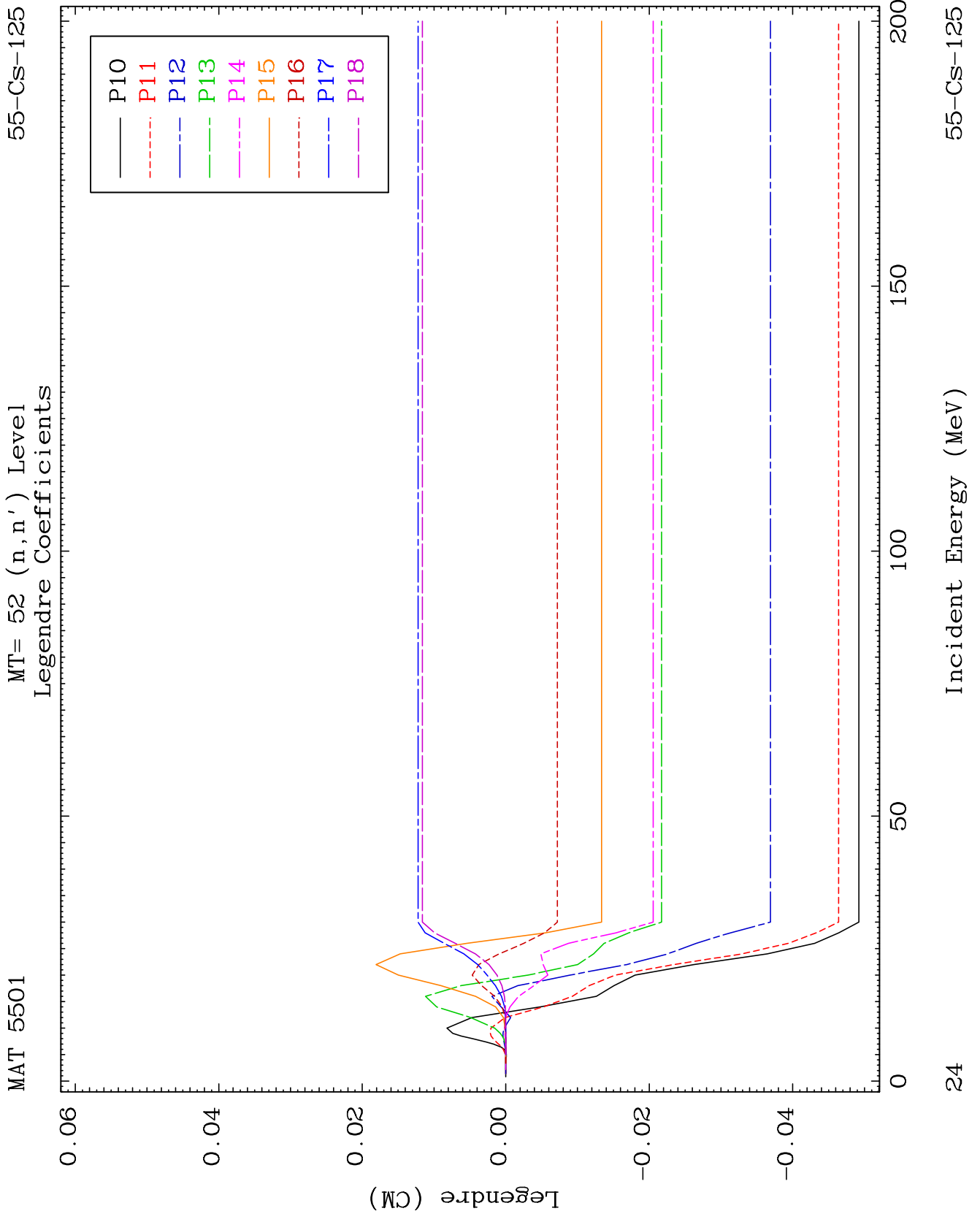
55-Cs-125

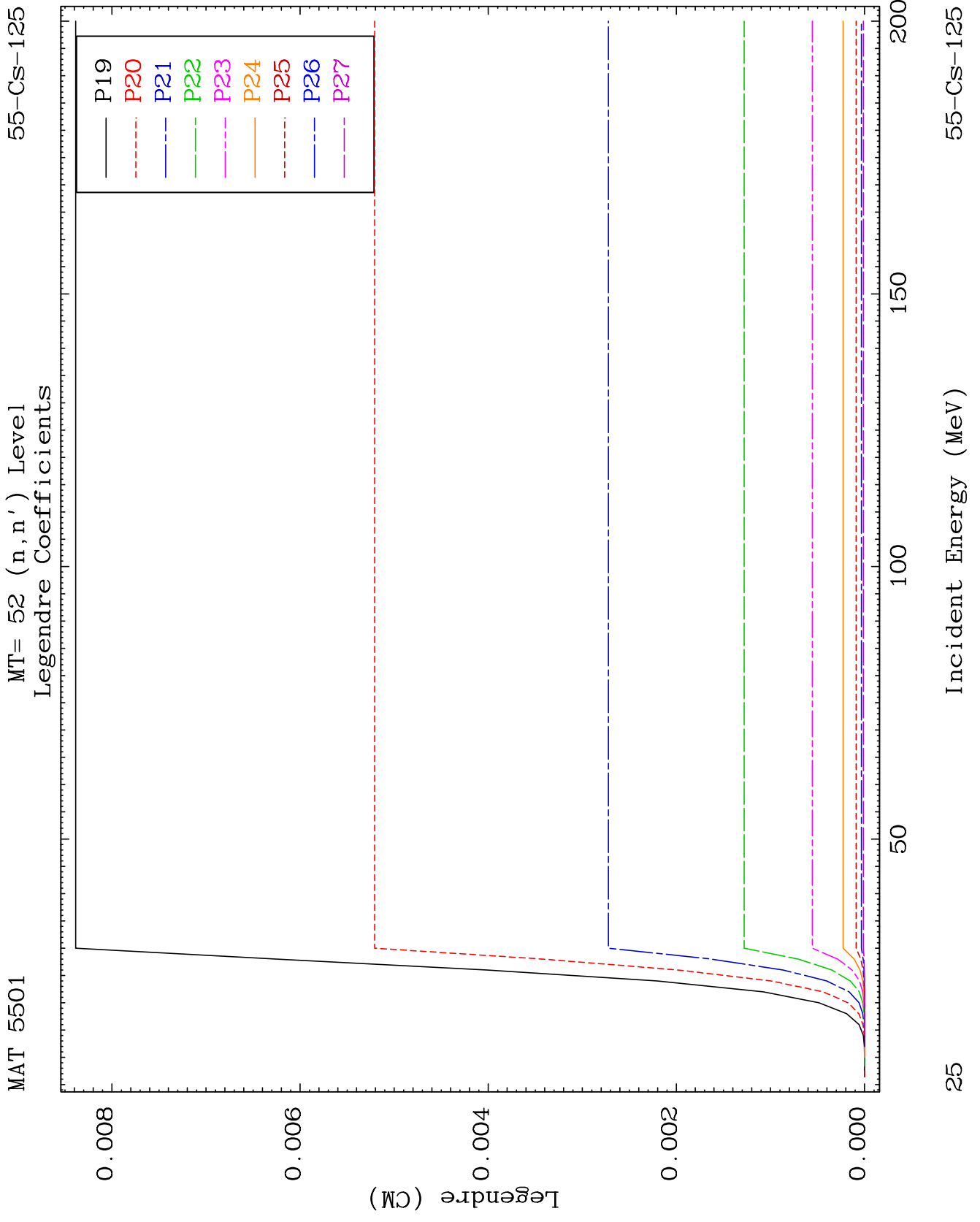


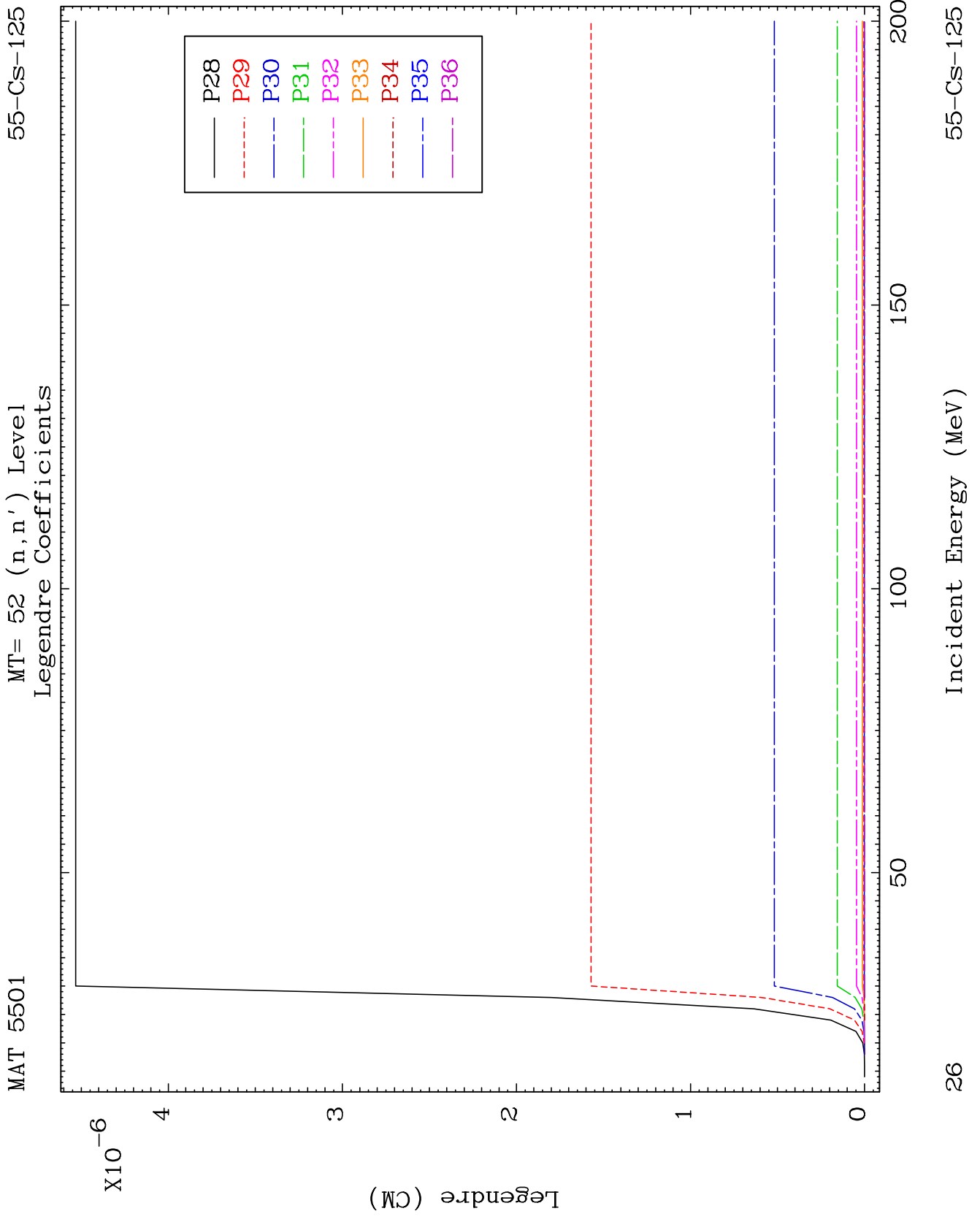
23

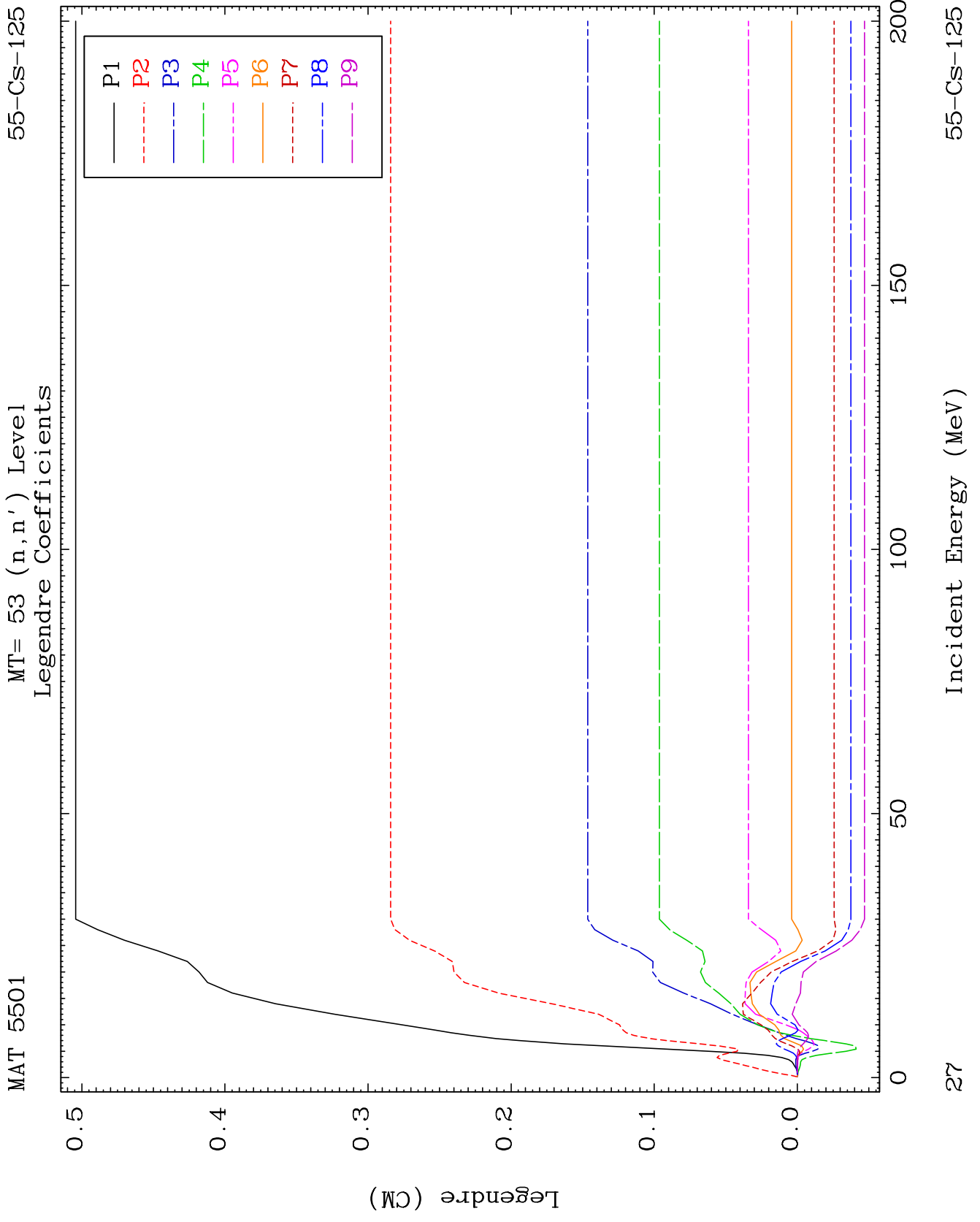
Incident Energy (MeV)

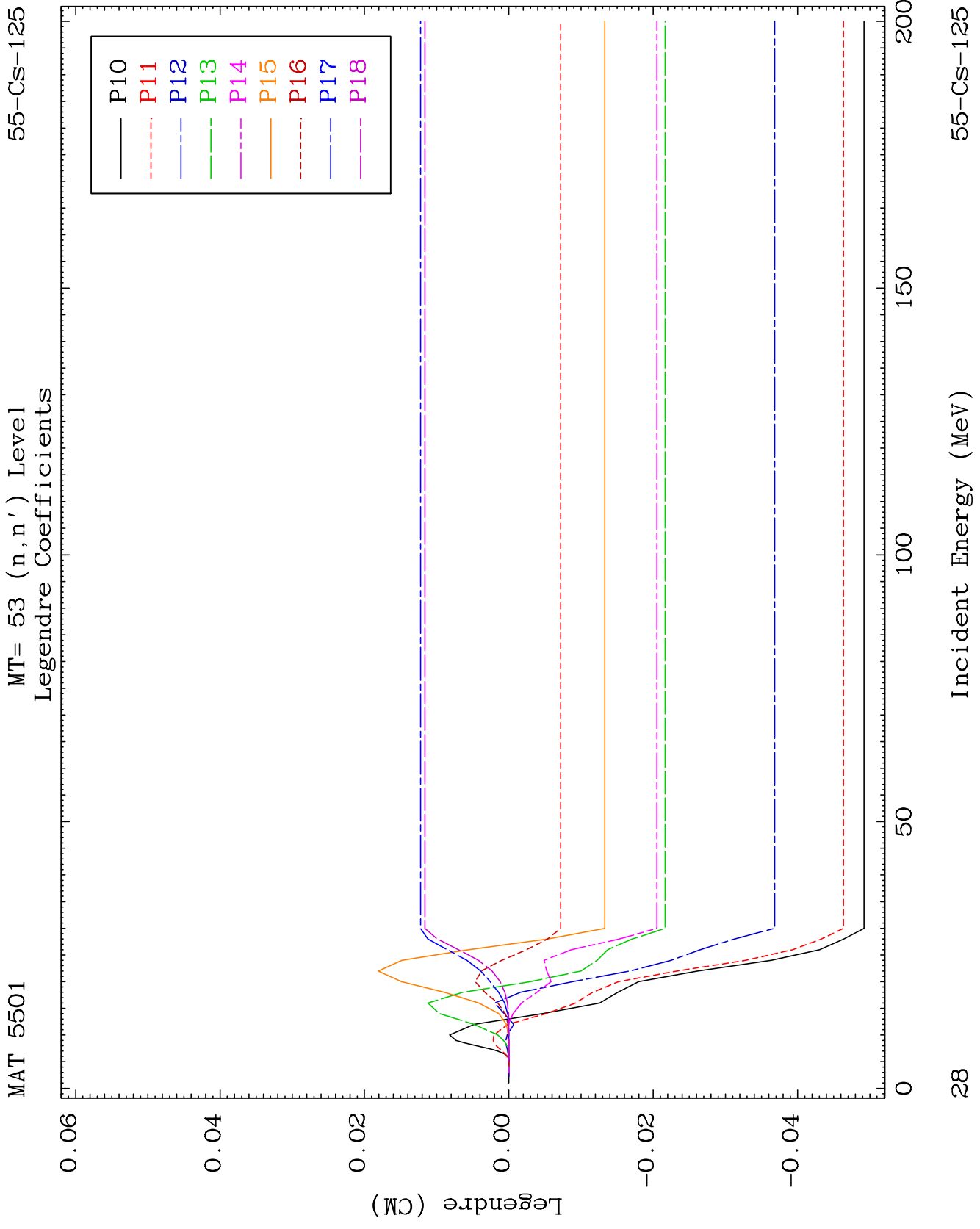
55-Cs-125







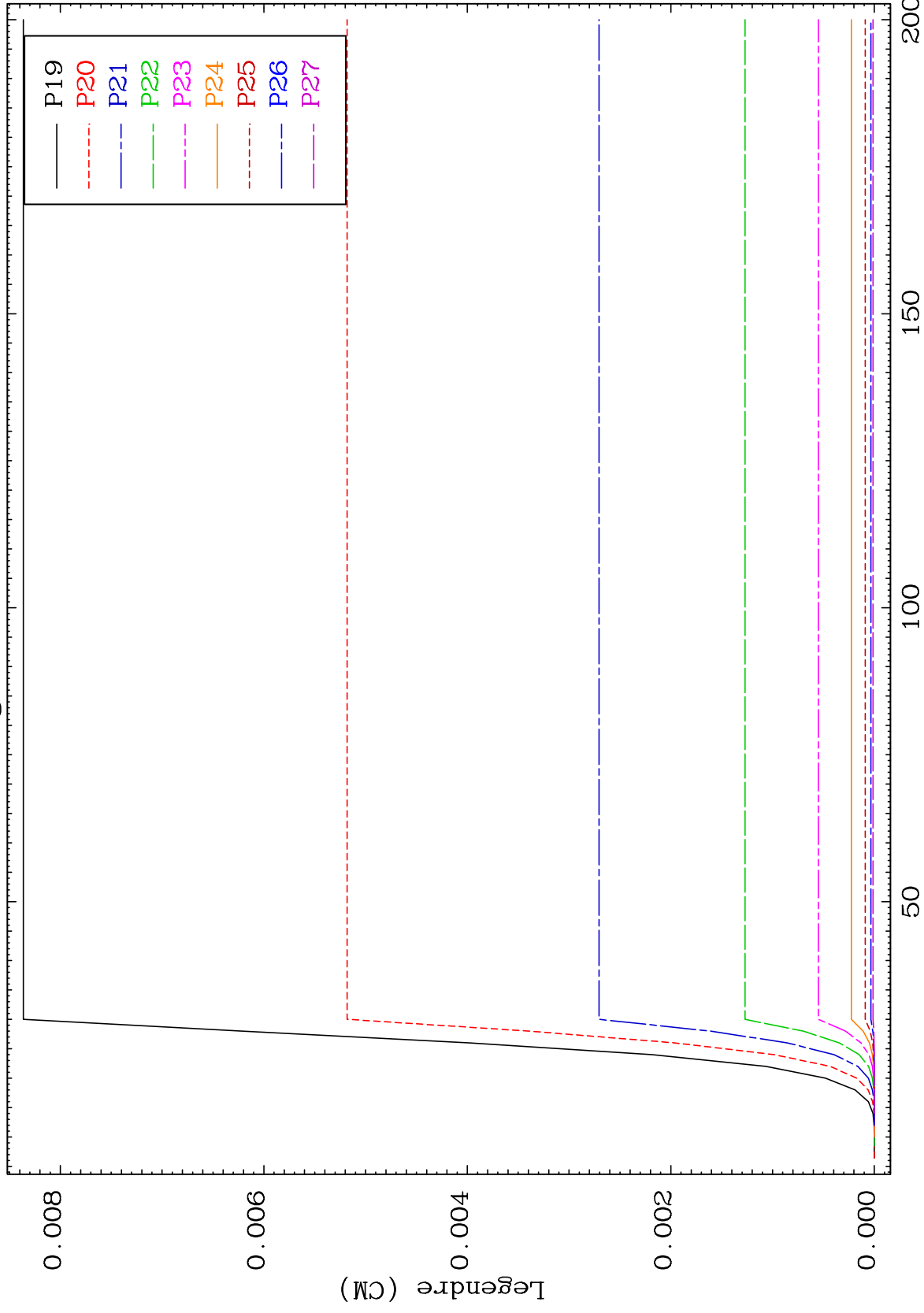




MAT 5501

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

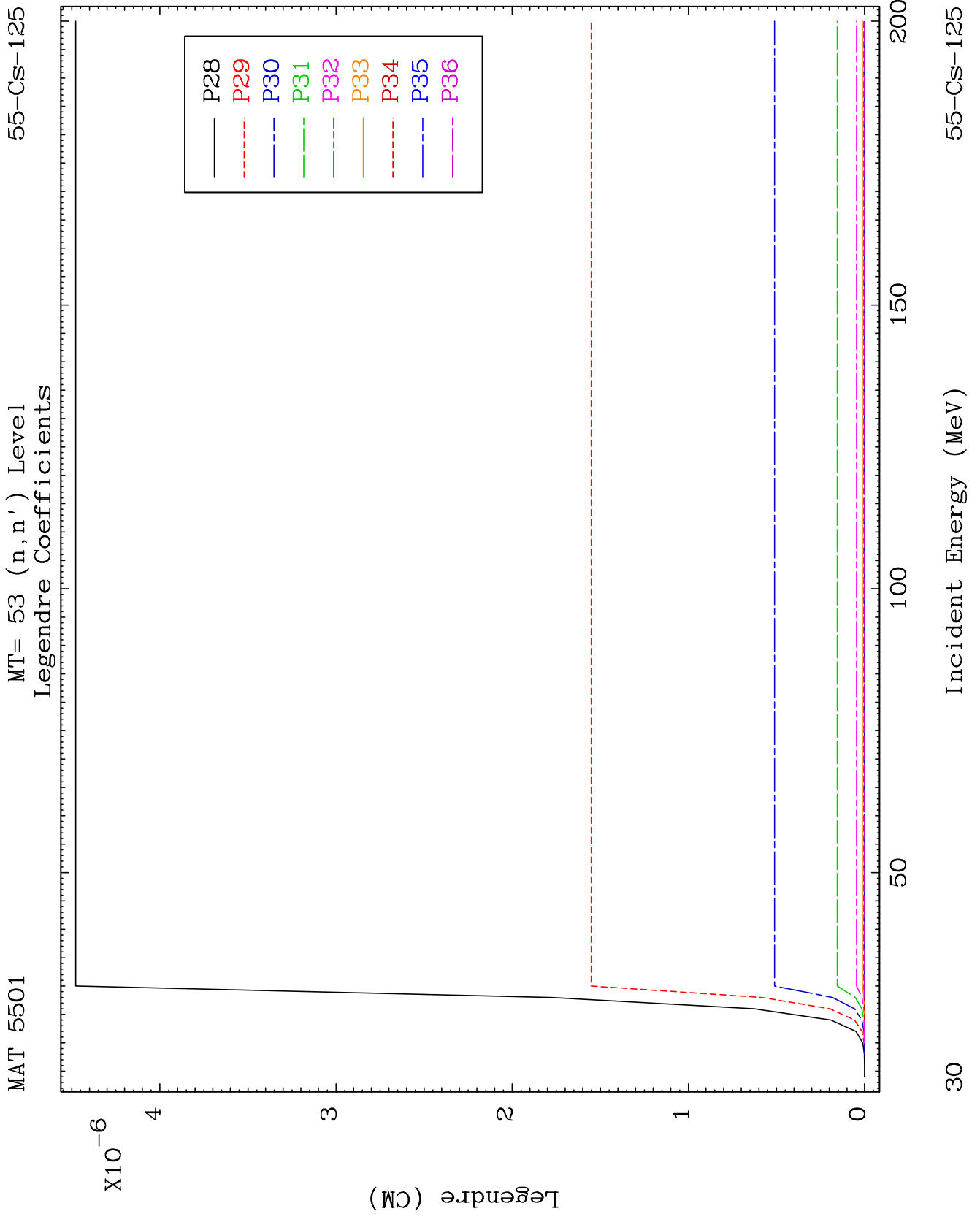
55-Cs-125

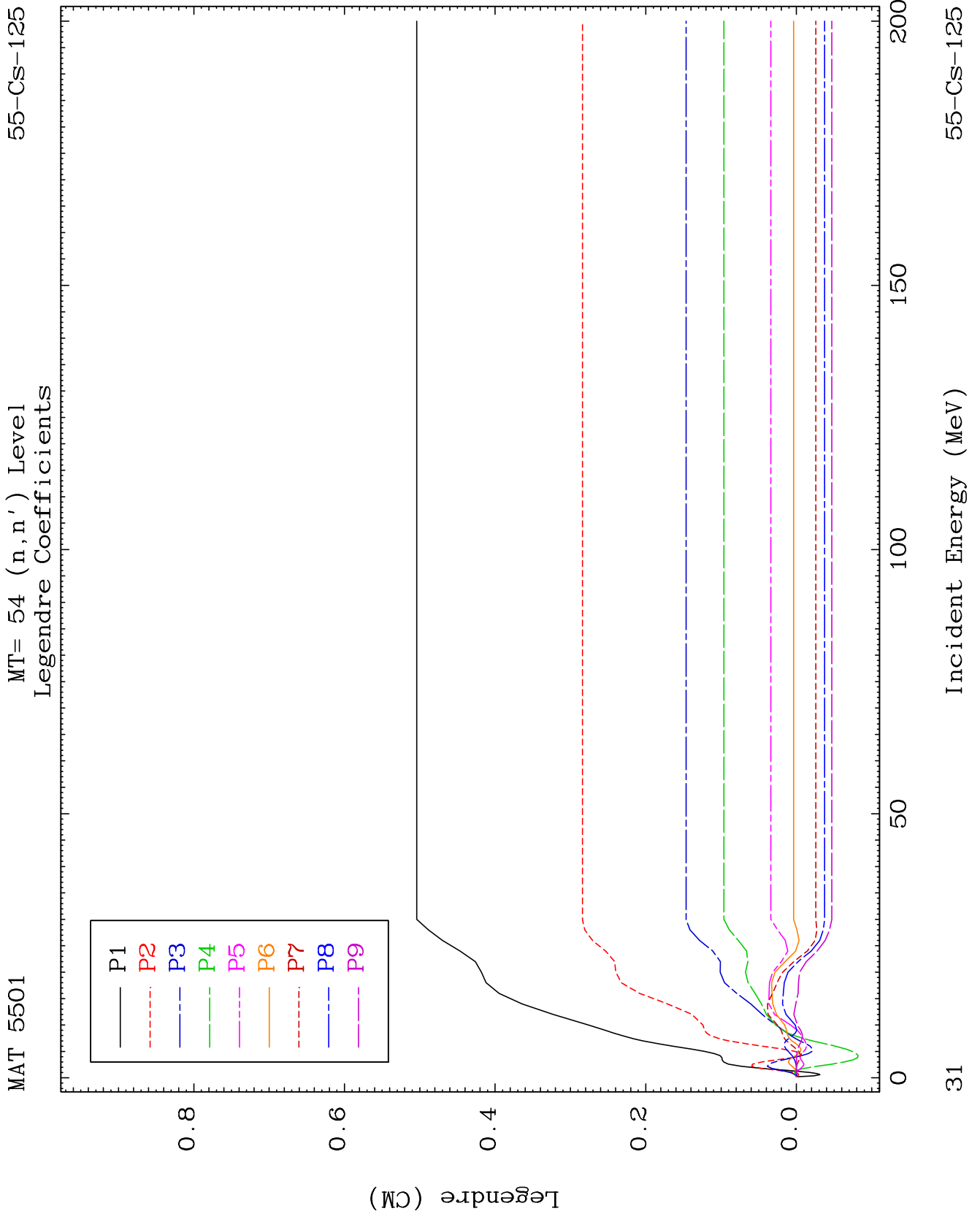


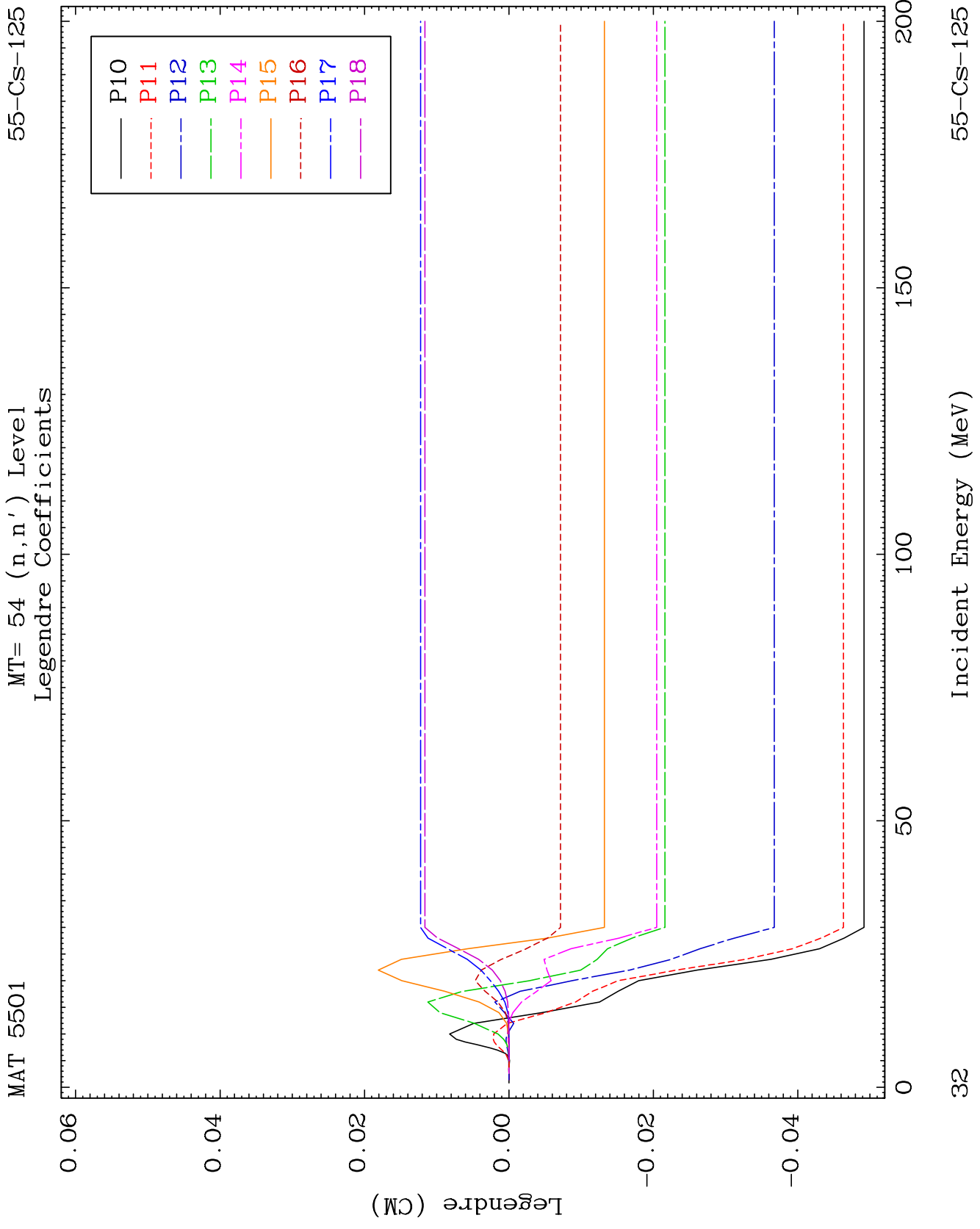
29

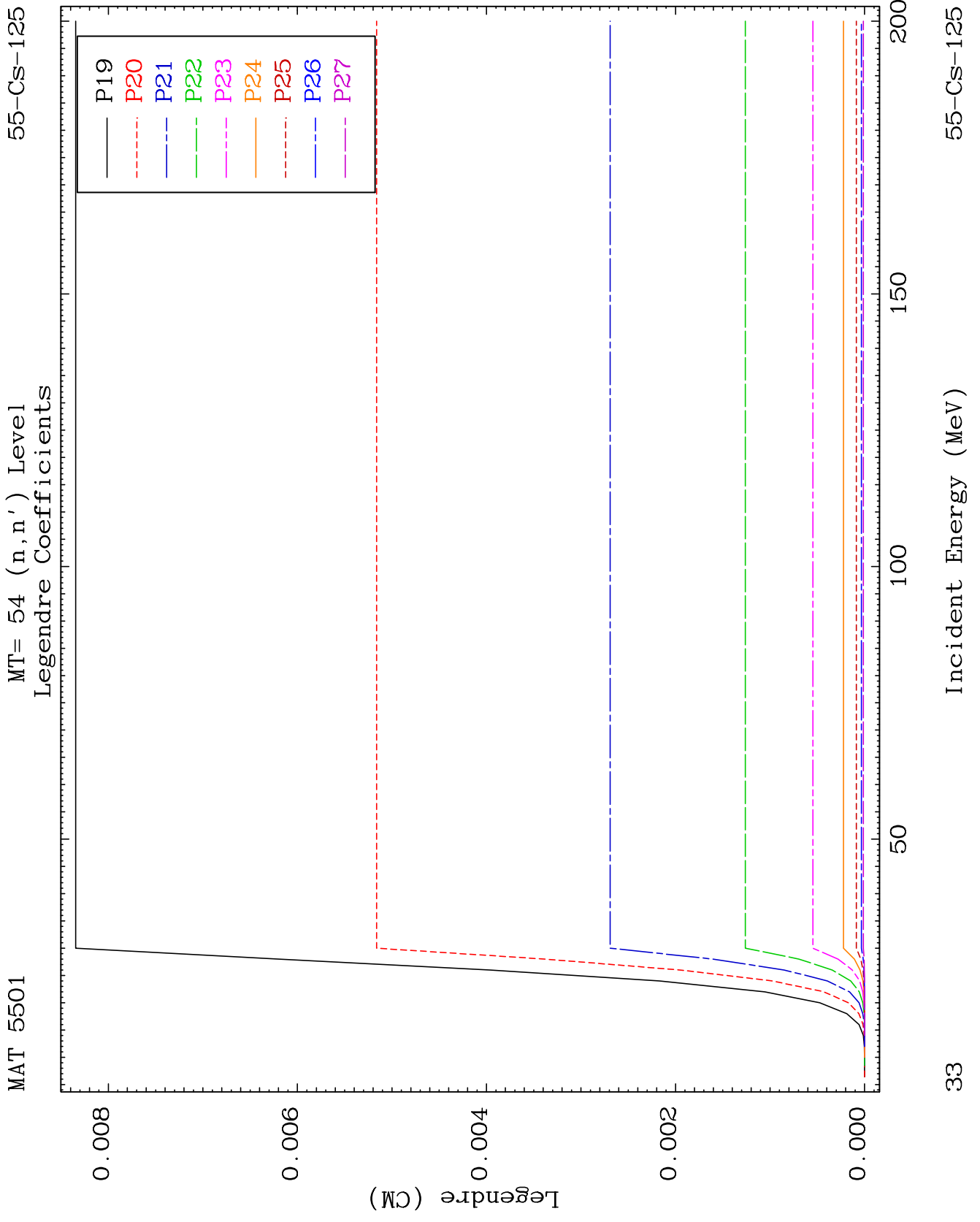
Incident Energy (MeV)

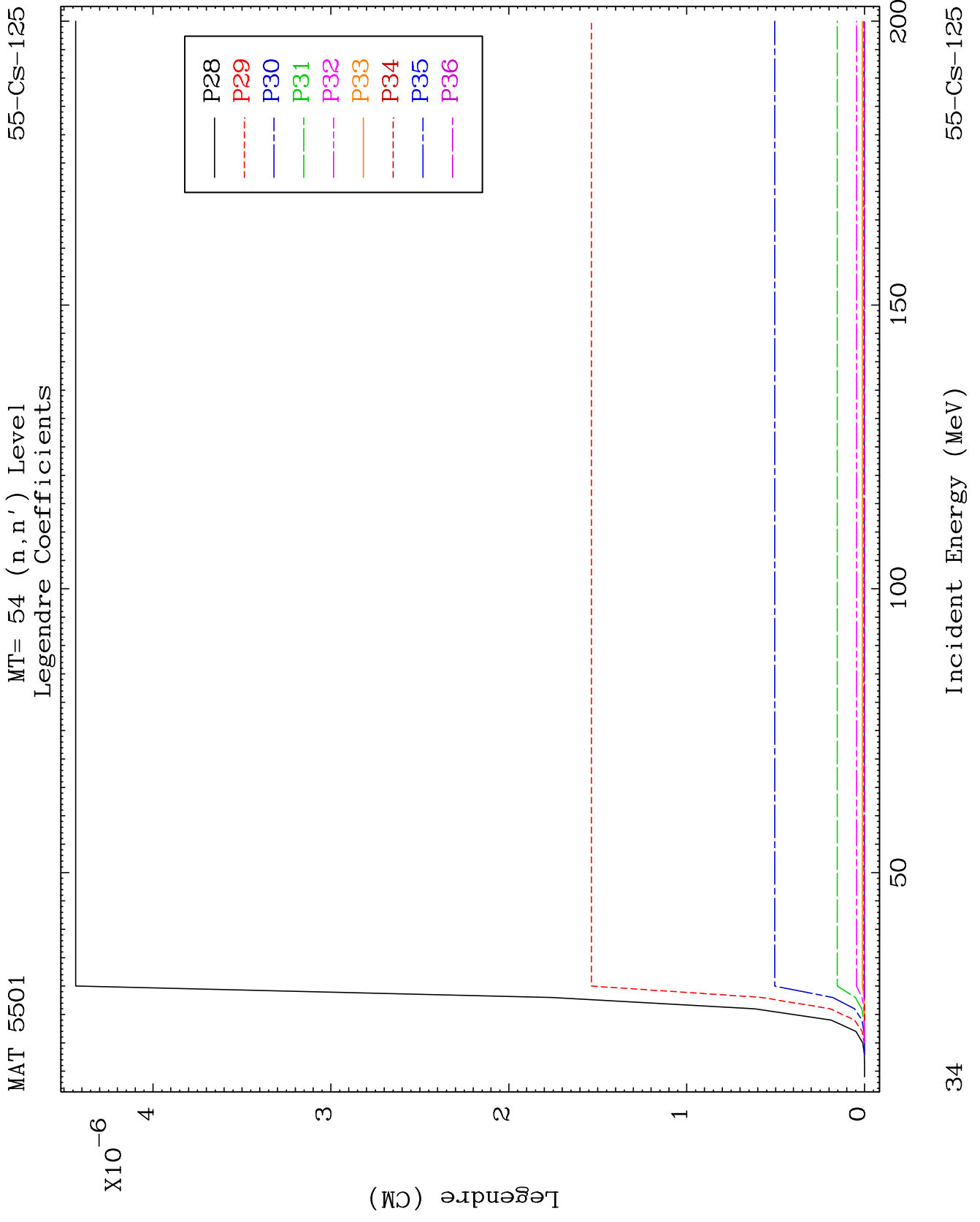
55-Cs-125

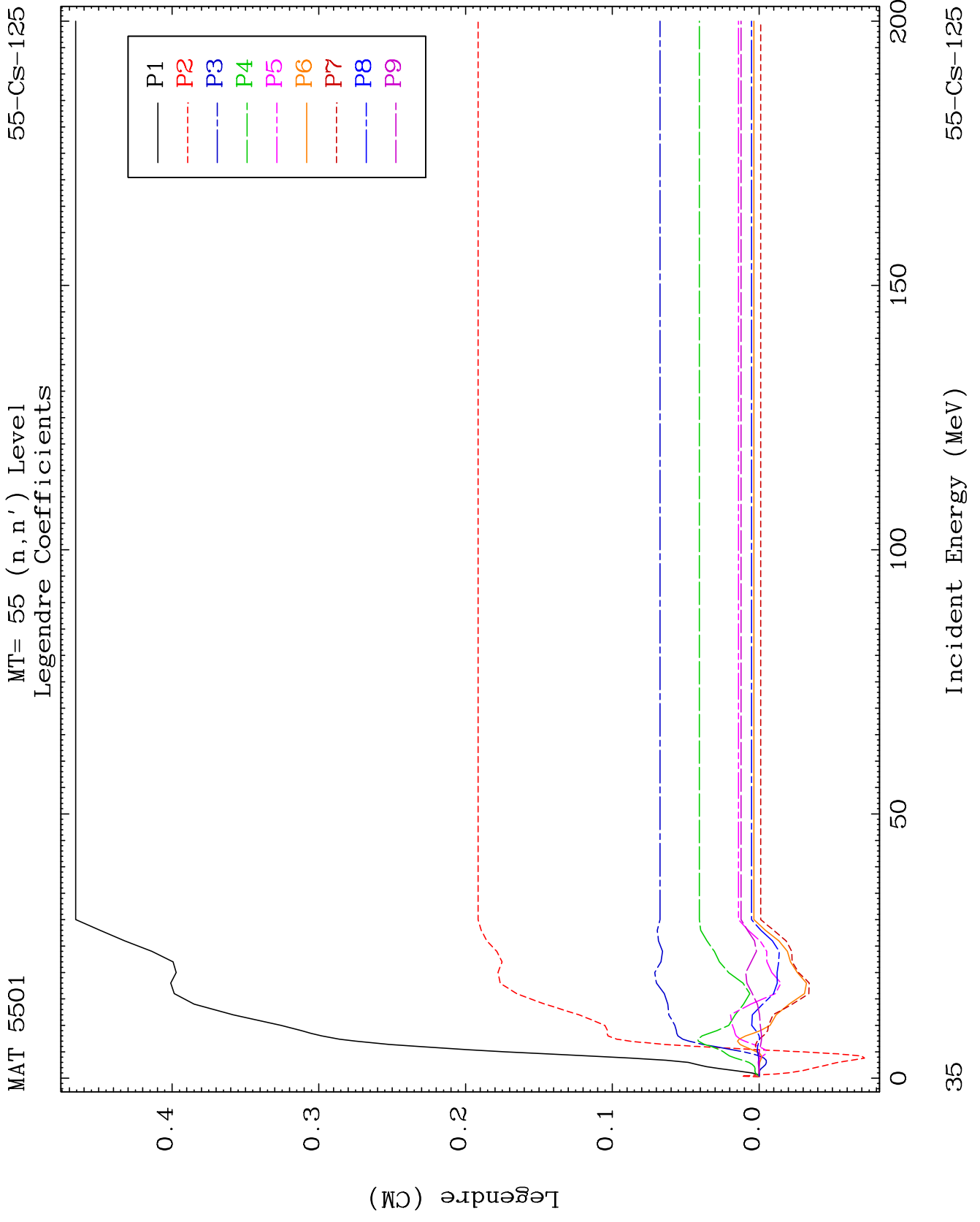








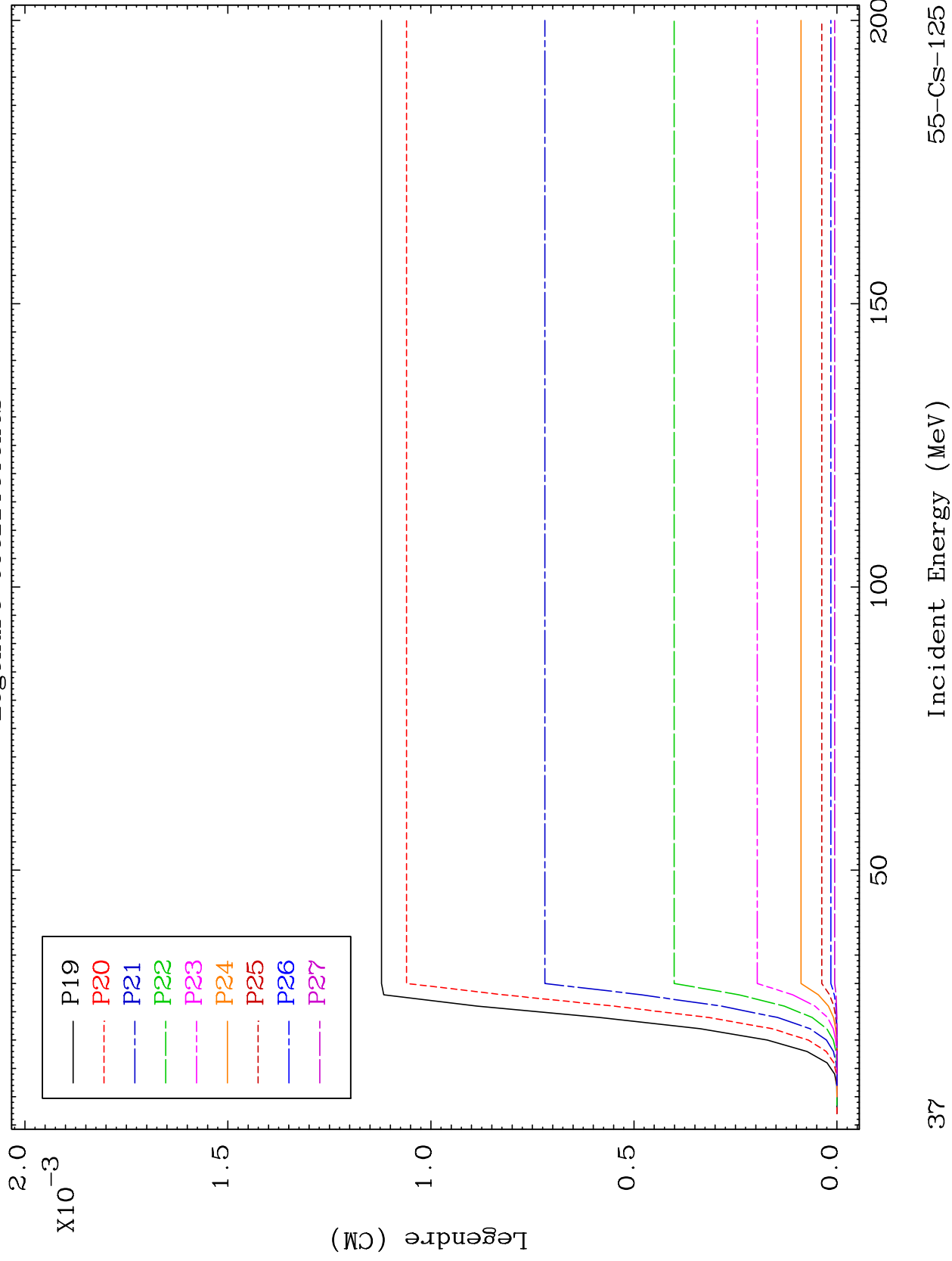




MAT 5501

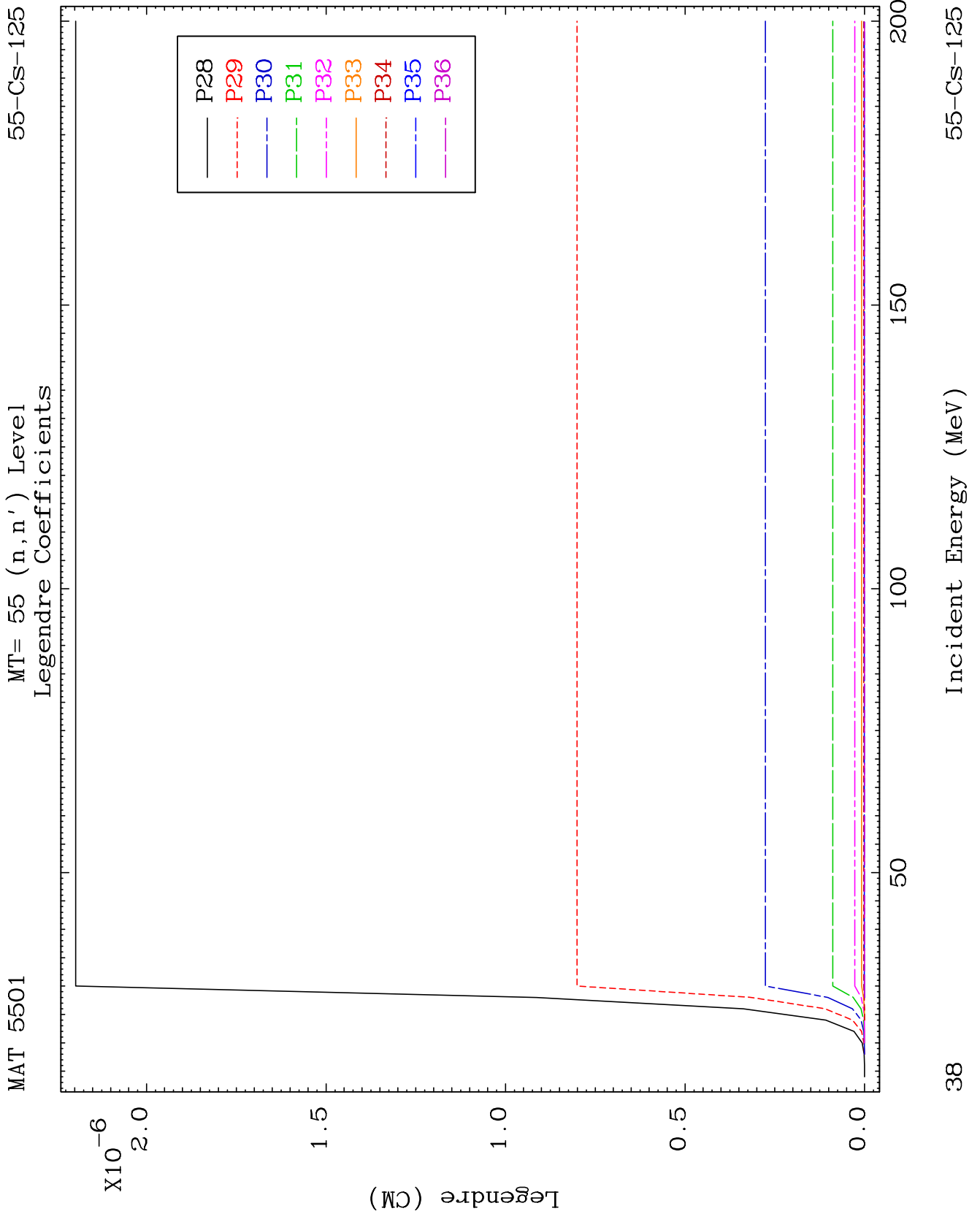
MT= 55 (n,n') Level
Legendre Coefficients

55-Cs-125



37

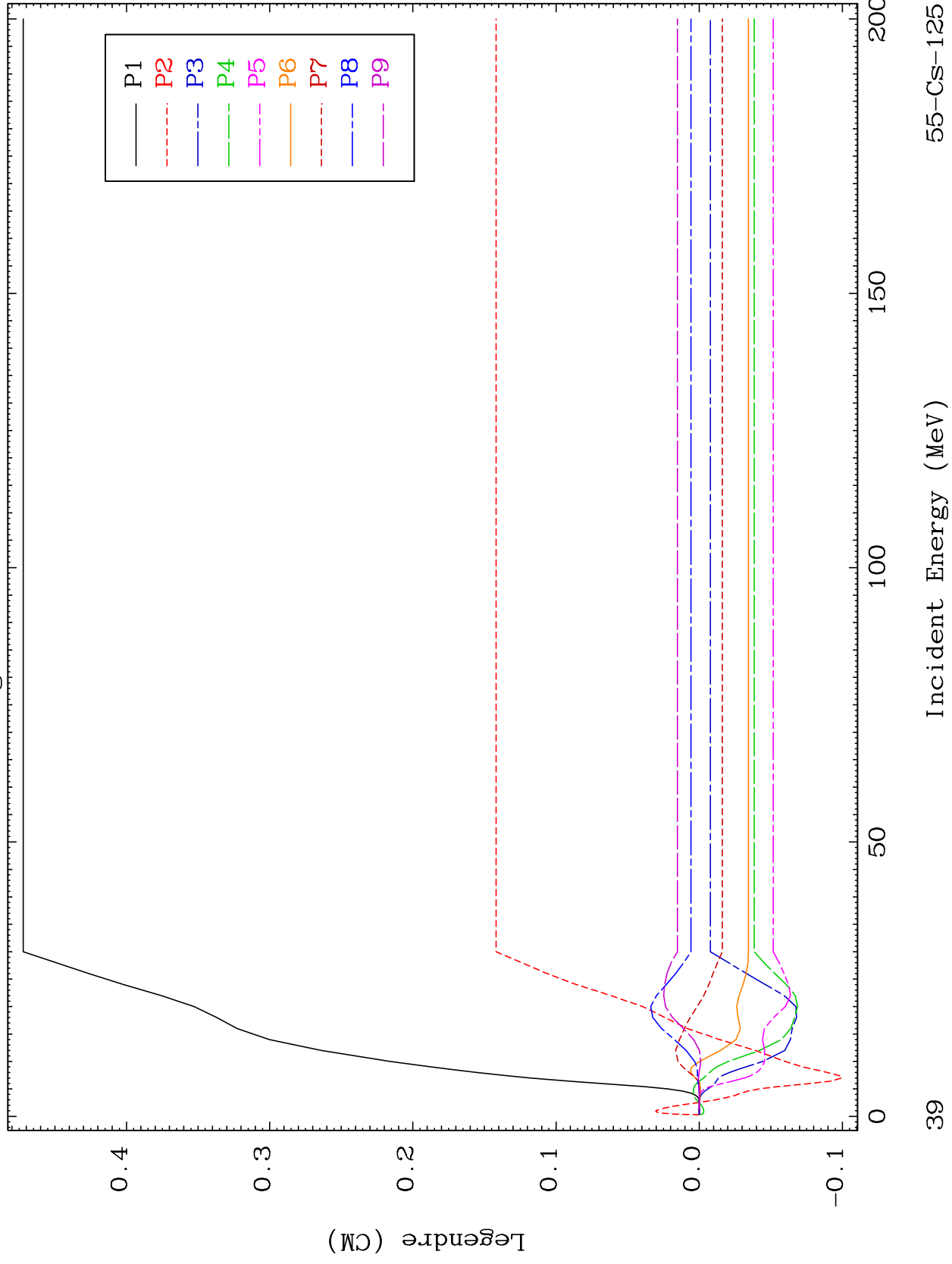
55-Cs-125



MAT 5501

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

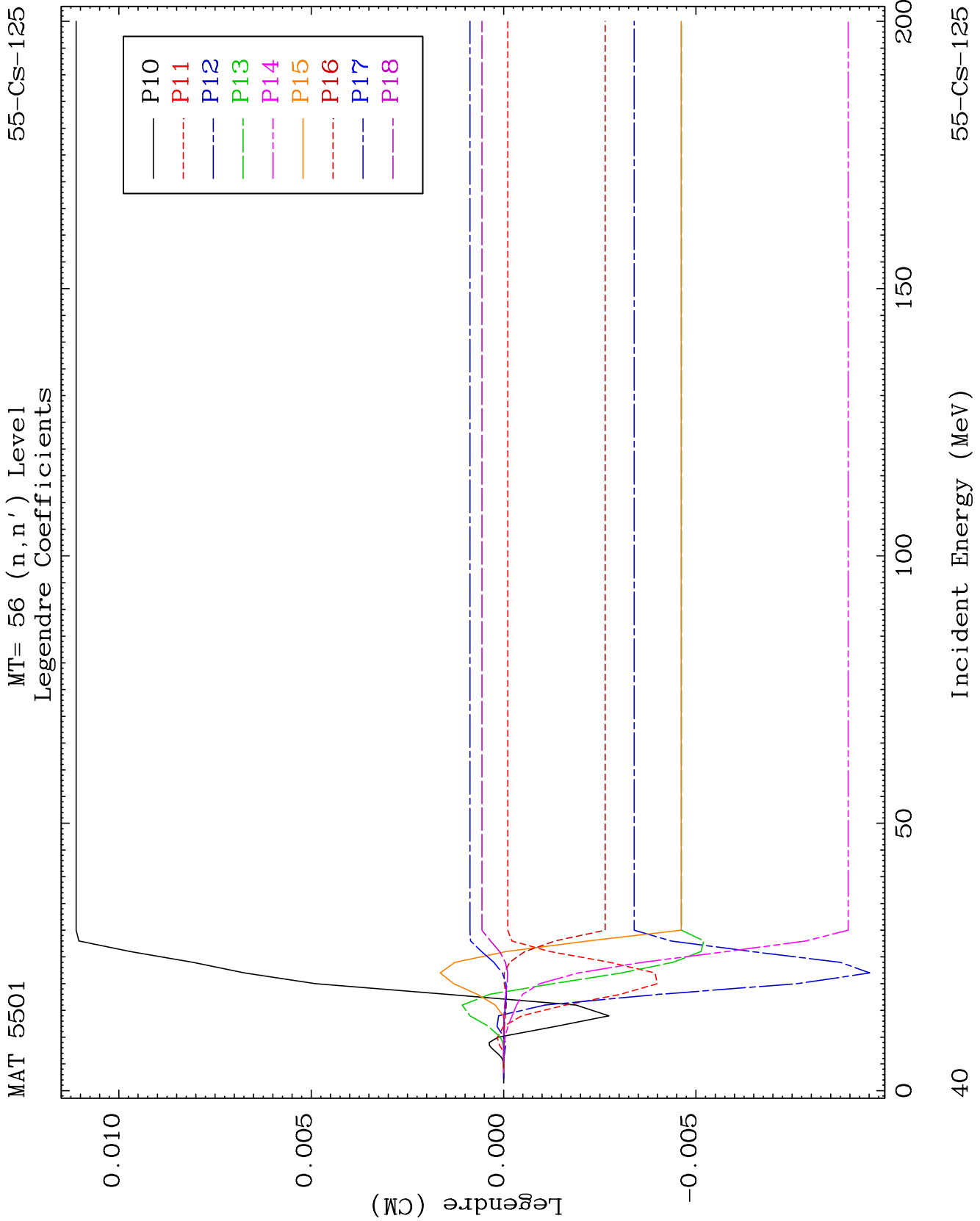
55-Cs-125



55-Cs-125

Incident Energy (MeV)

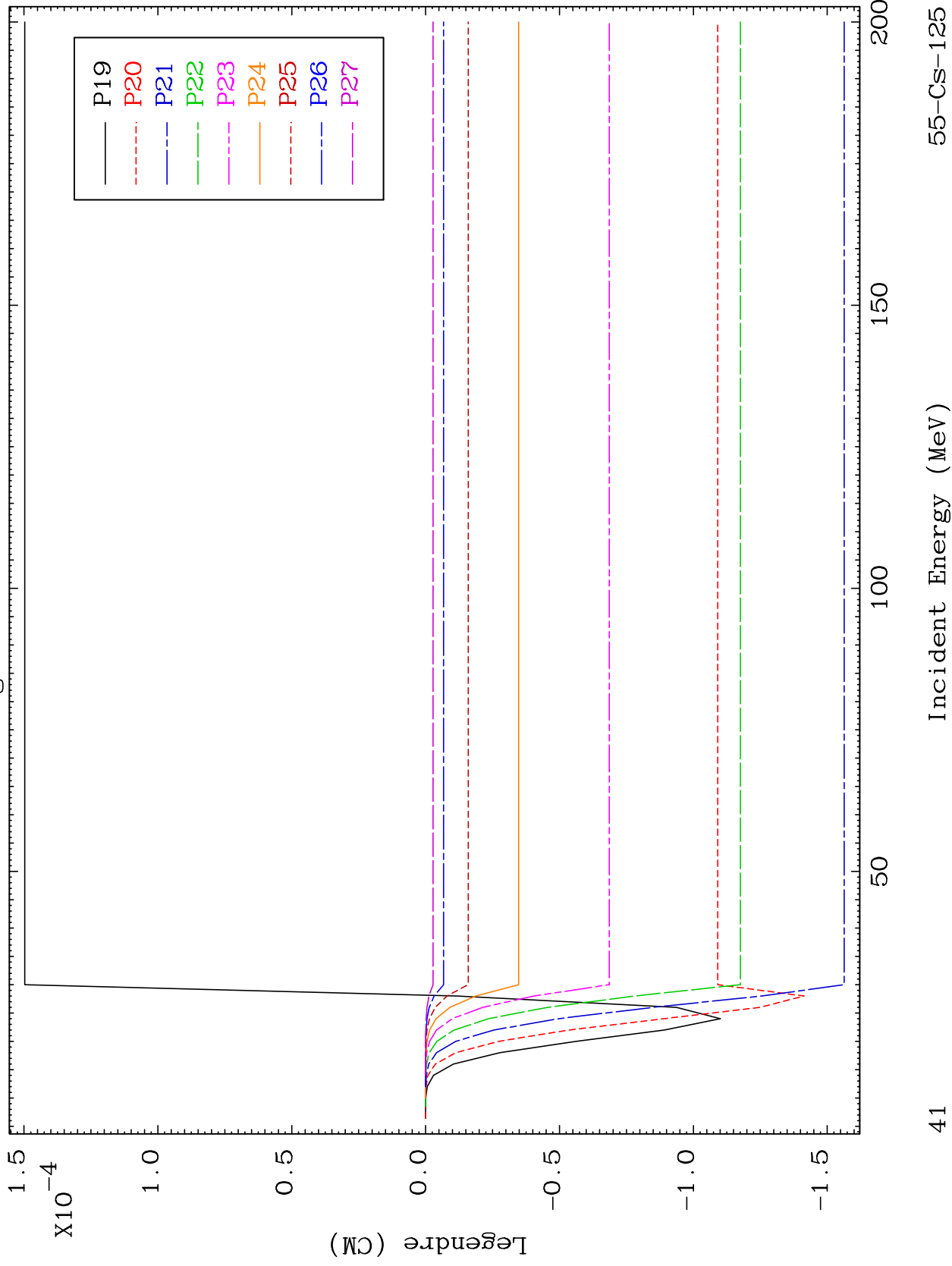
39



MAT 5501

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

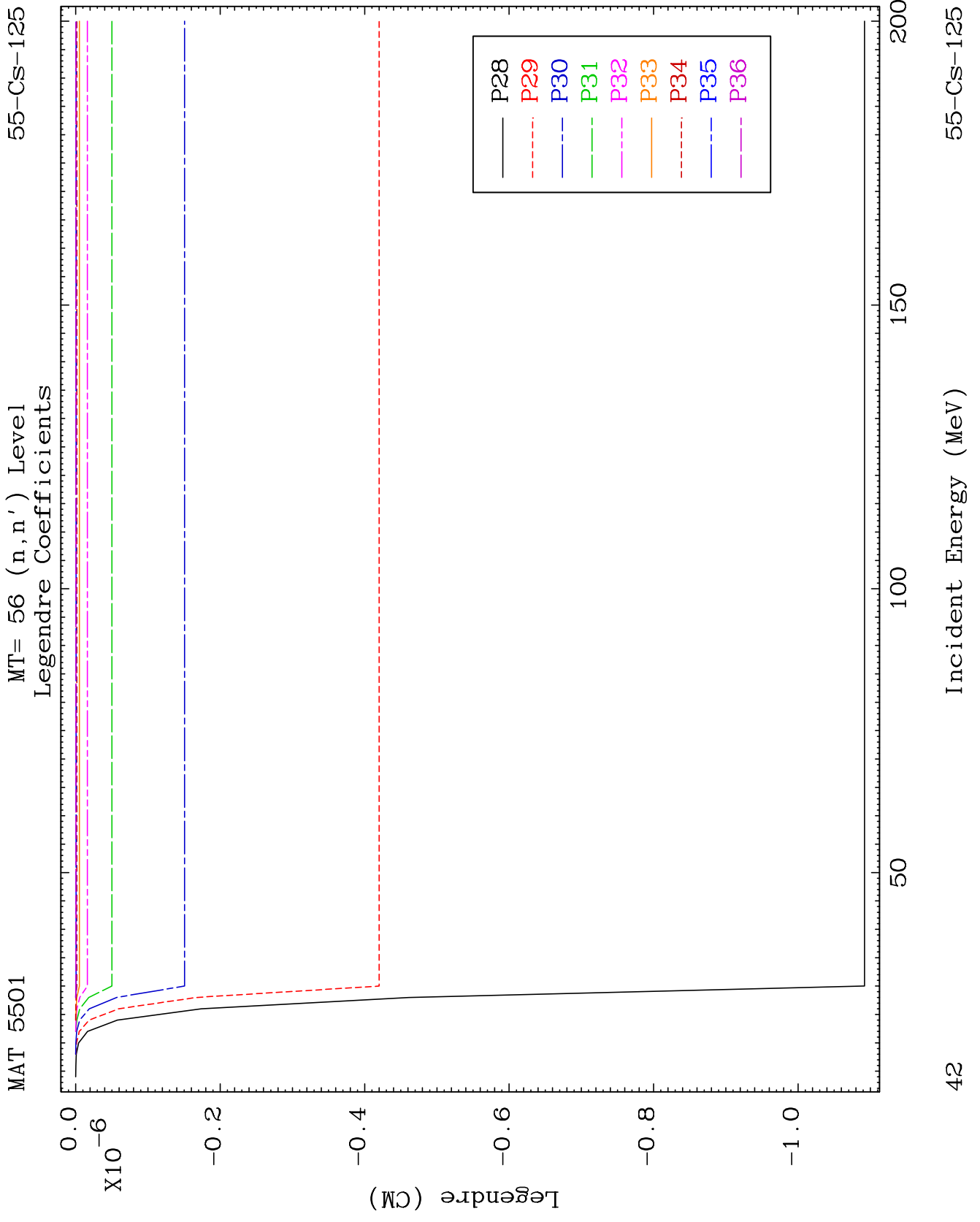
55-Cs-125



41

Incident Energy (MeV)

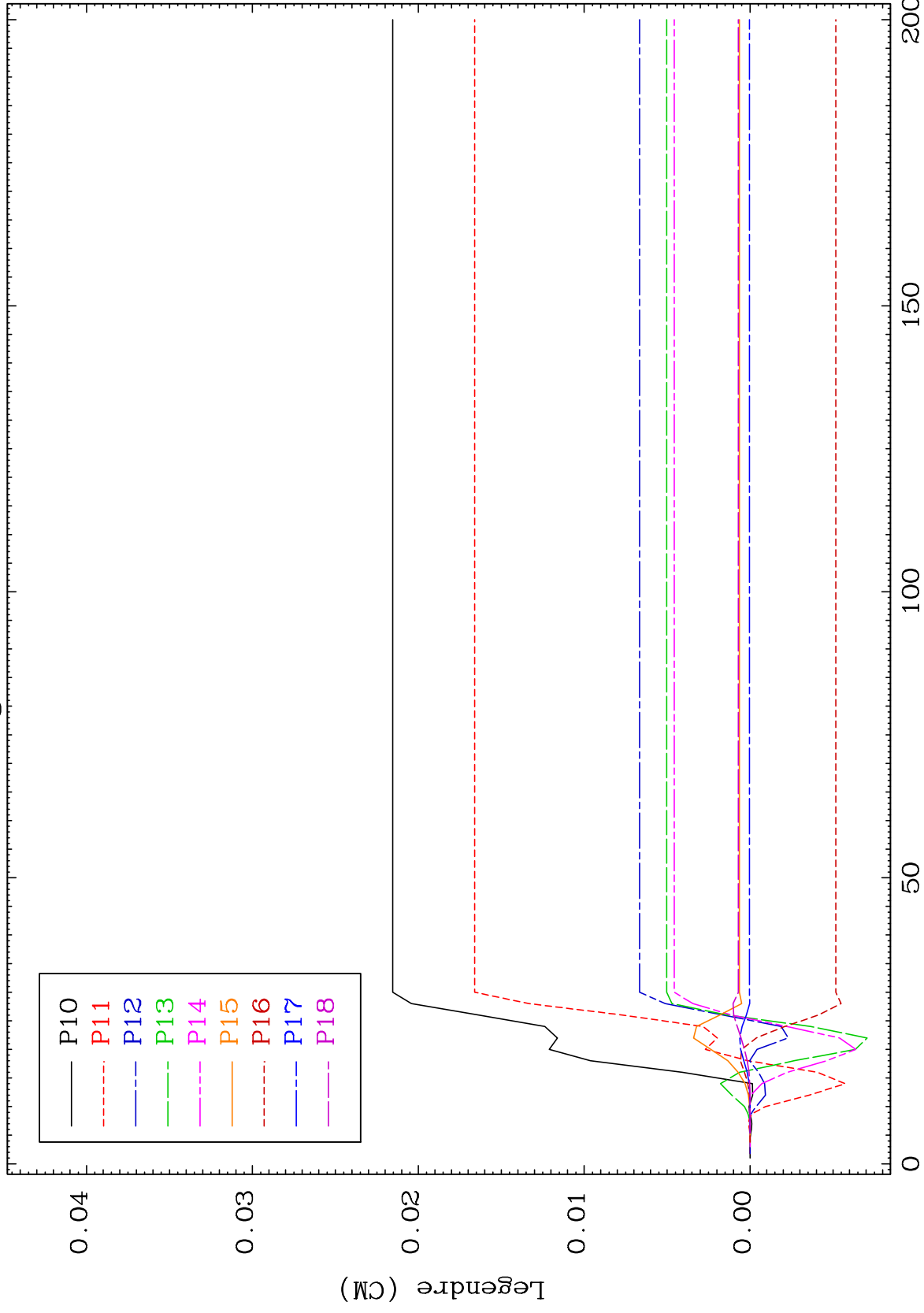
55-Cs-125



MAT 5501

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

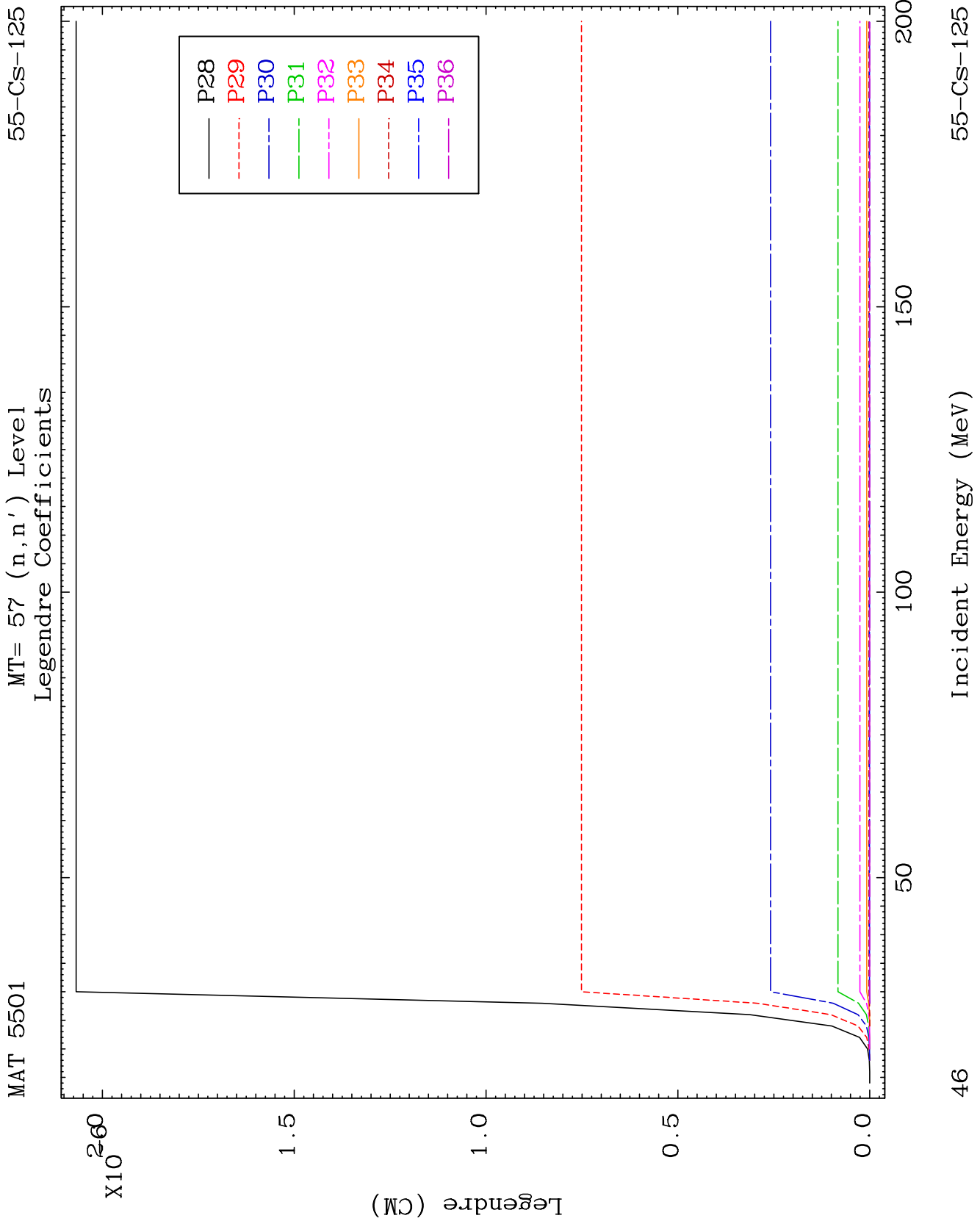
55-Cs-125

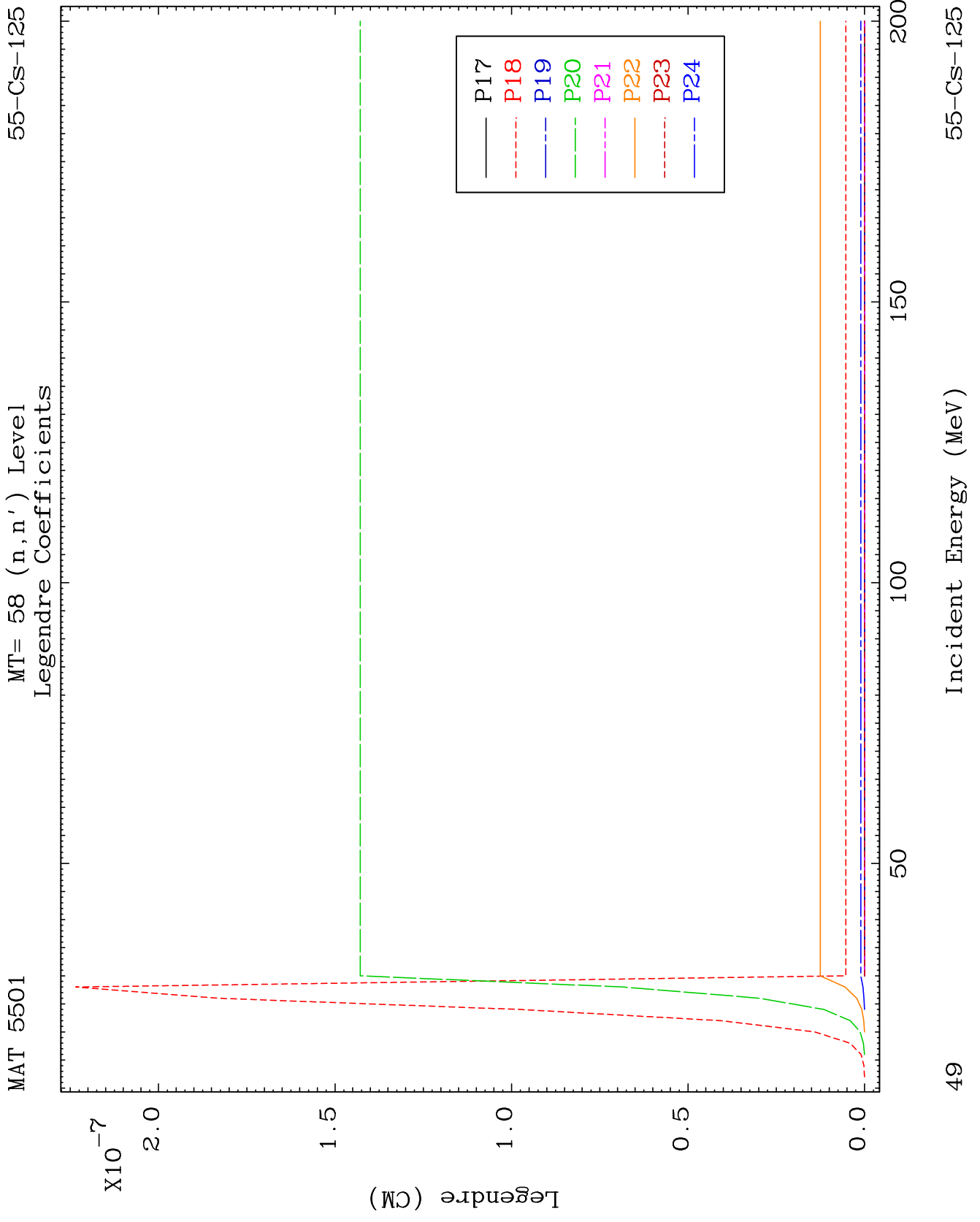


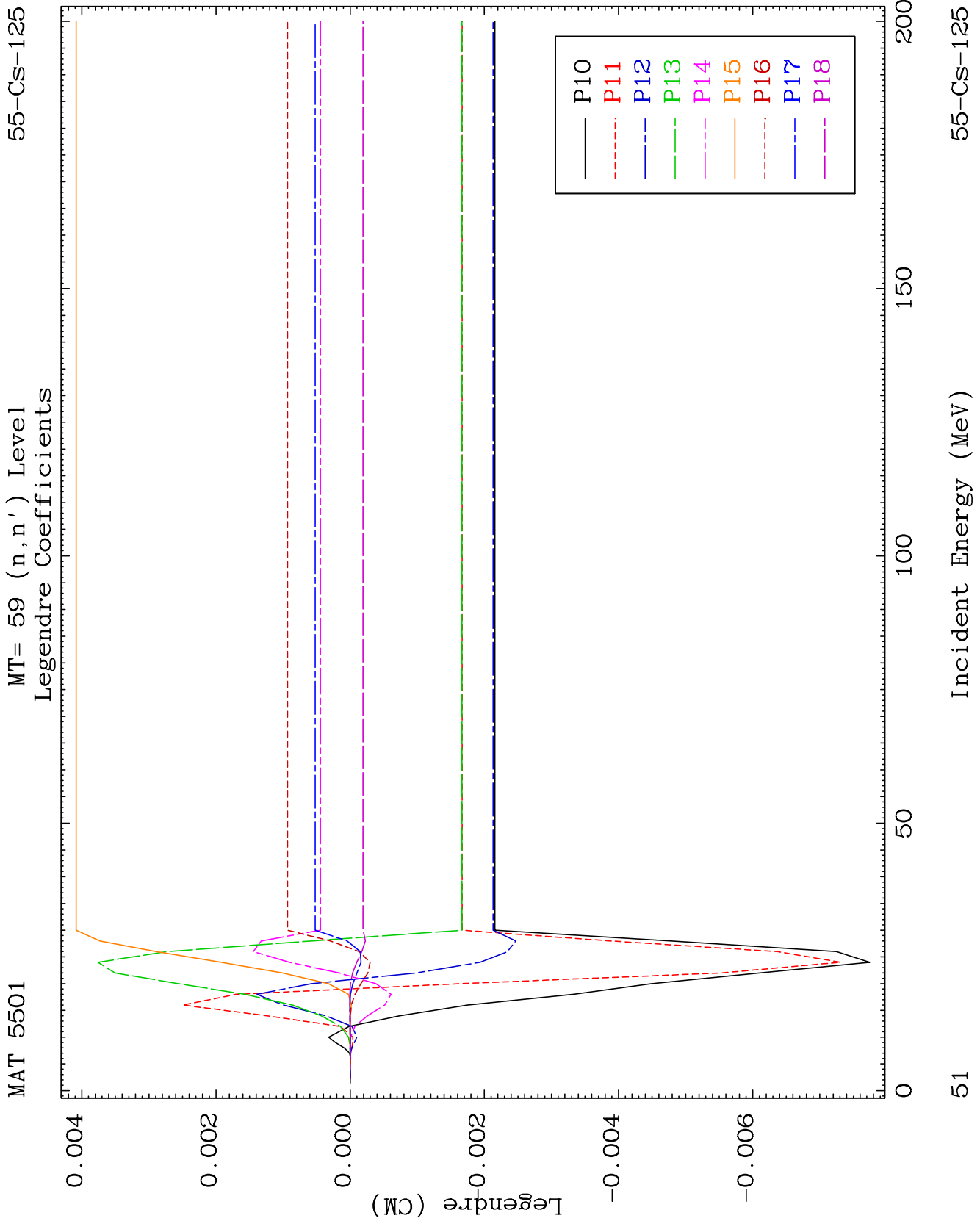
44

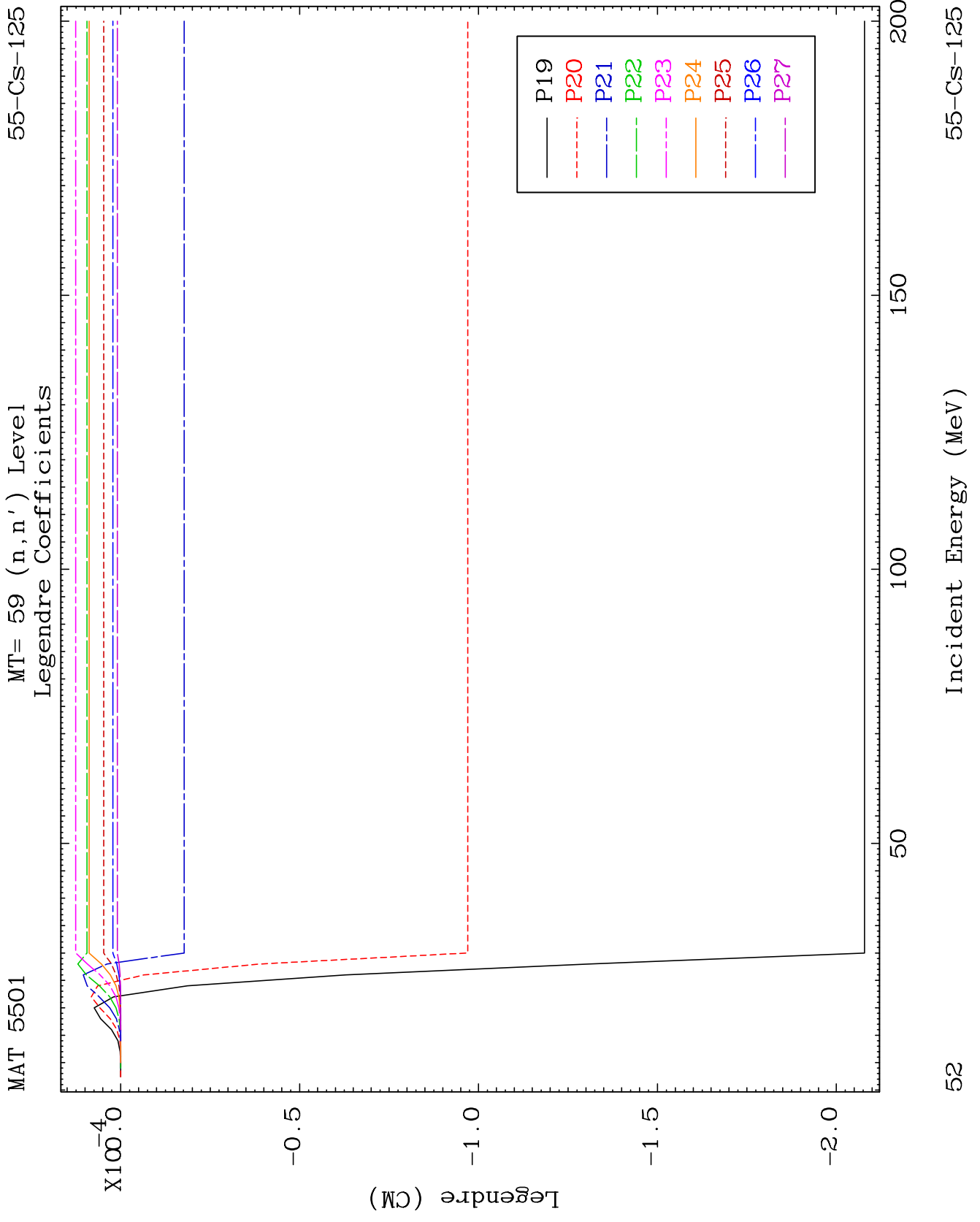
Incident Energy (MeV)

55-Cs-125





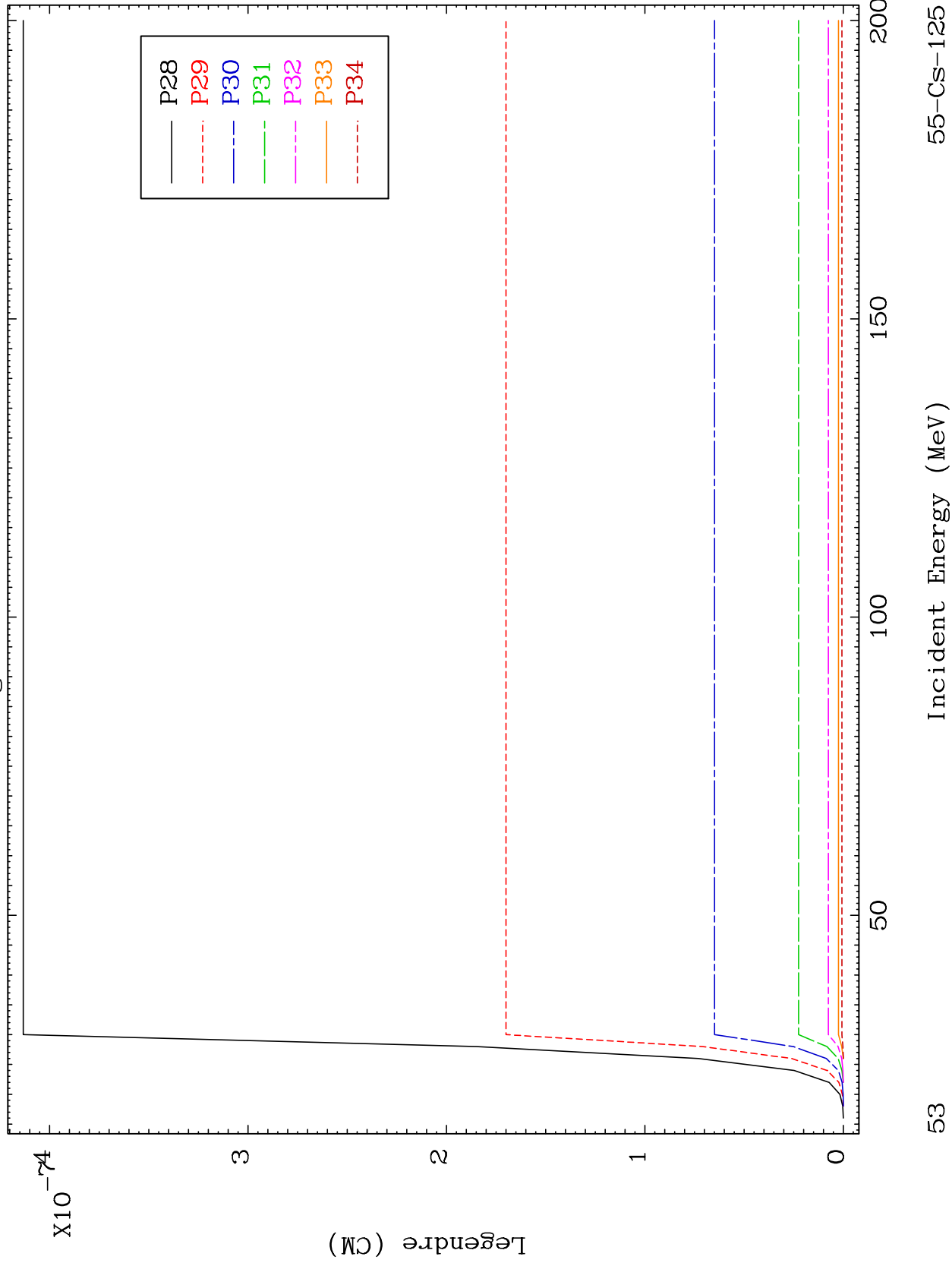


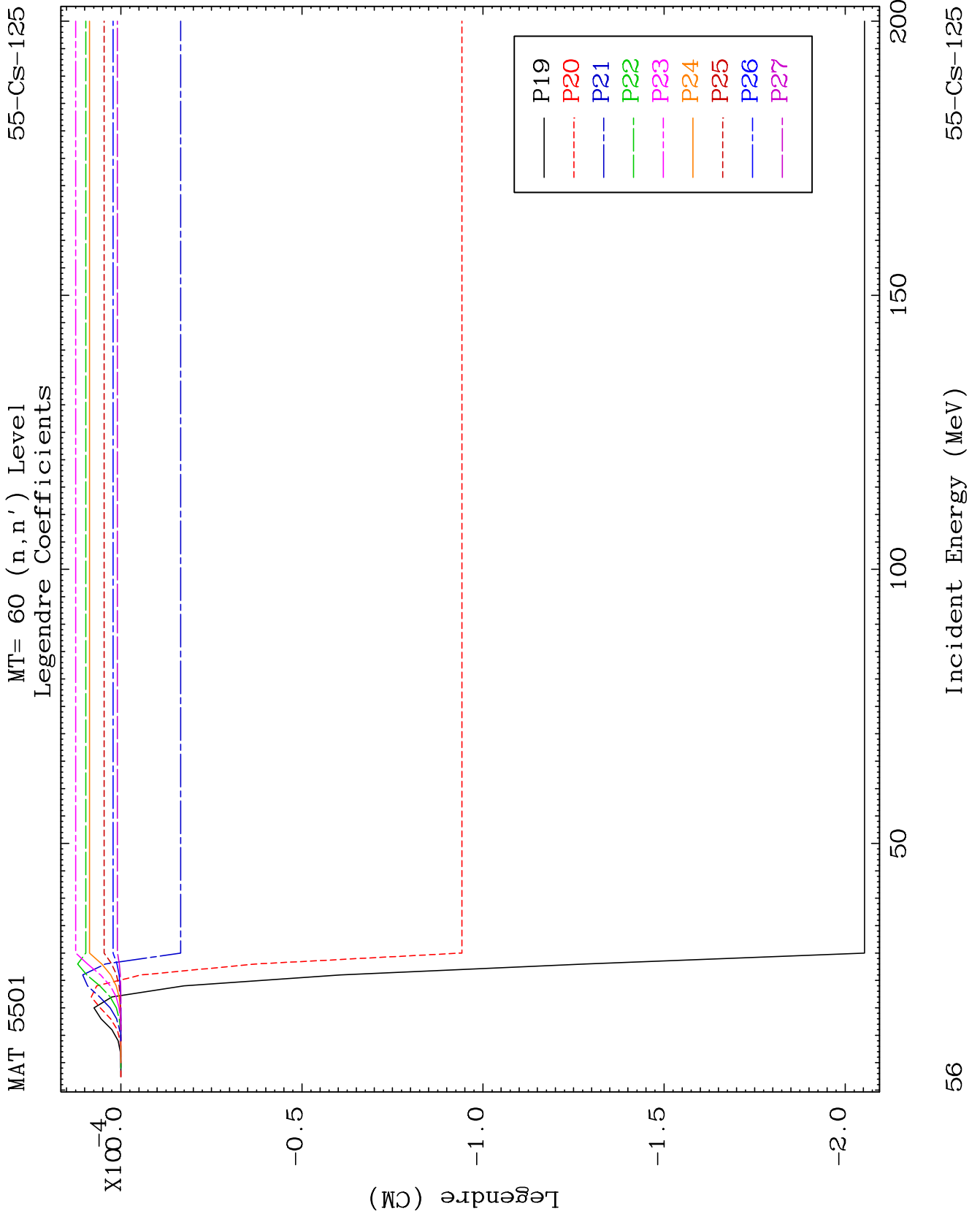


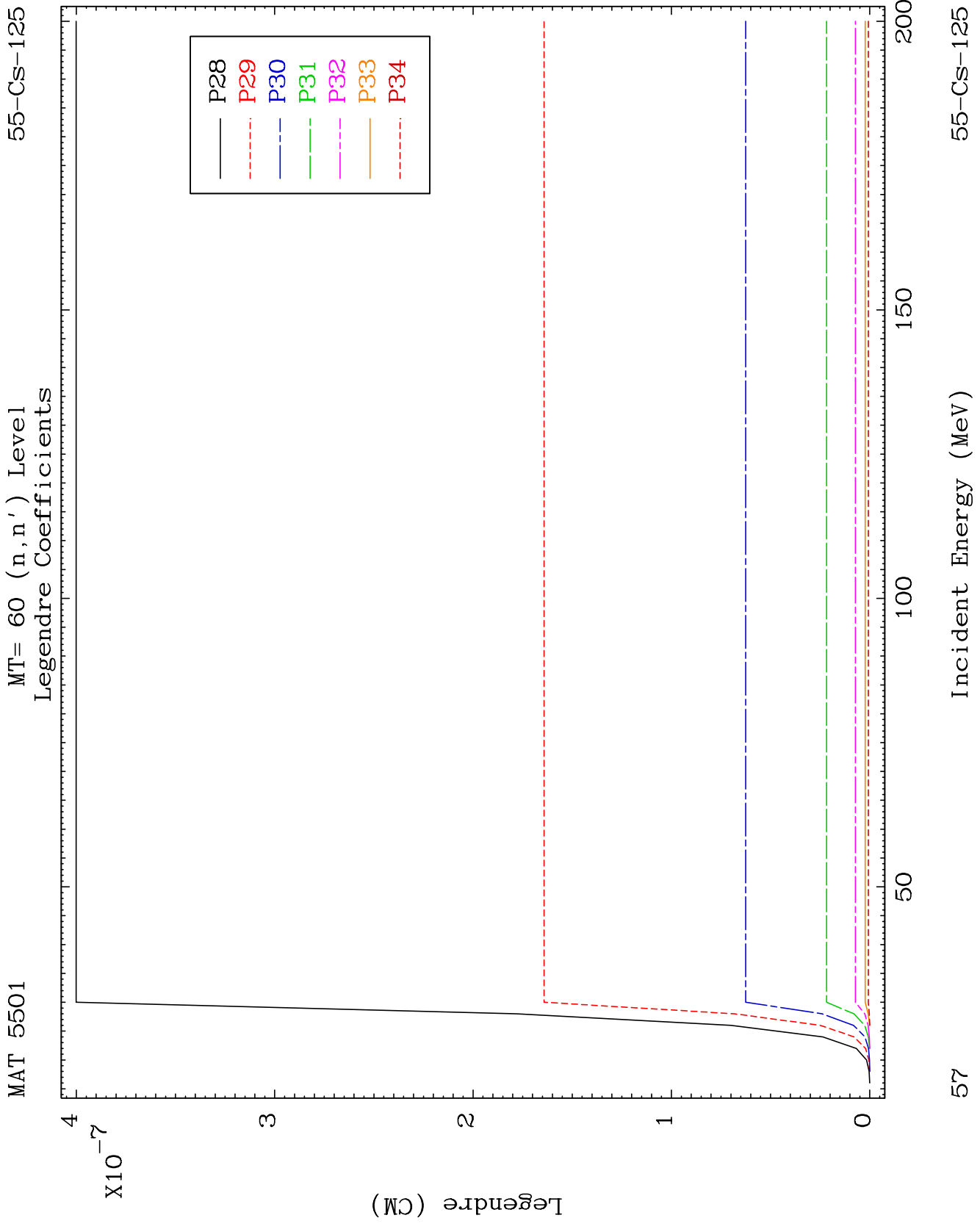
MAT 5501

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

55-Cs-125



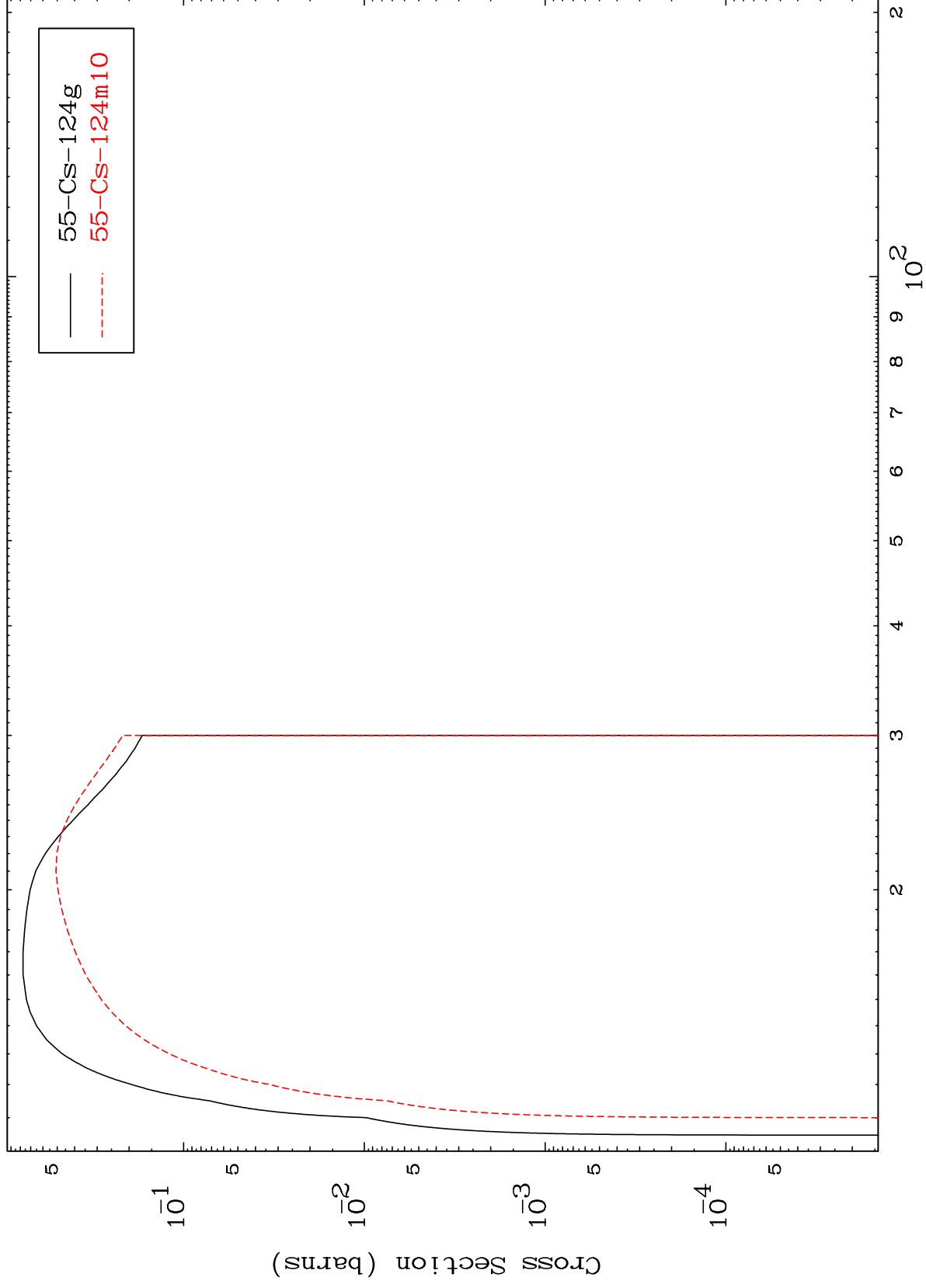




MAT 5501

55-Cs-125

(n,2n)
Radionuclide Production Cross Section



58

Incident Energy (MeV)

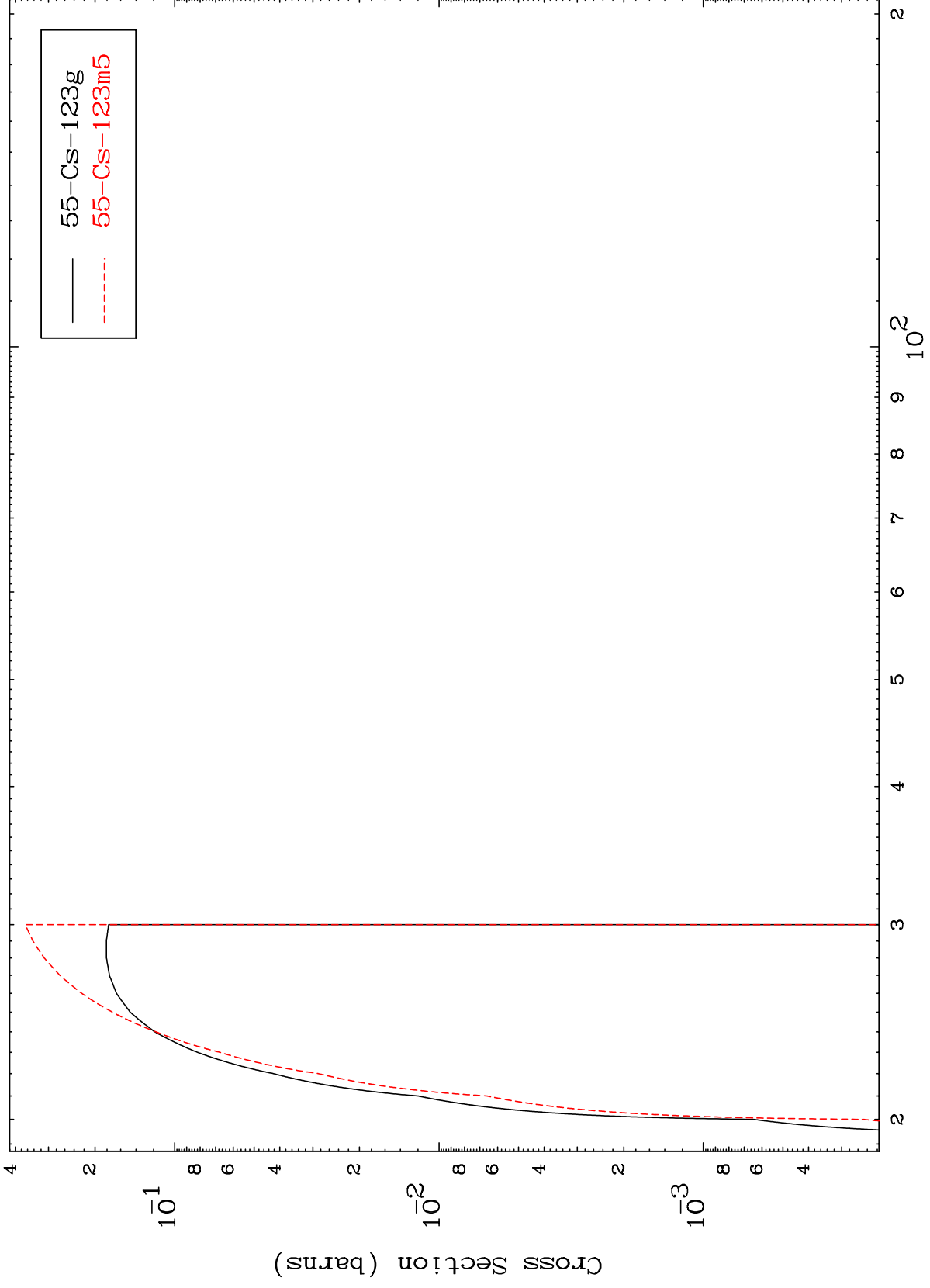
55-Cs-125

MAT 5501

(n,3n)

55-Cs-125

Radionuclide Production Cross Section



59

Incident Energy (MeV)

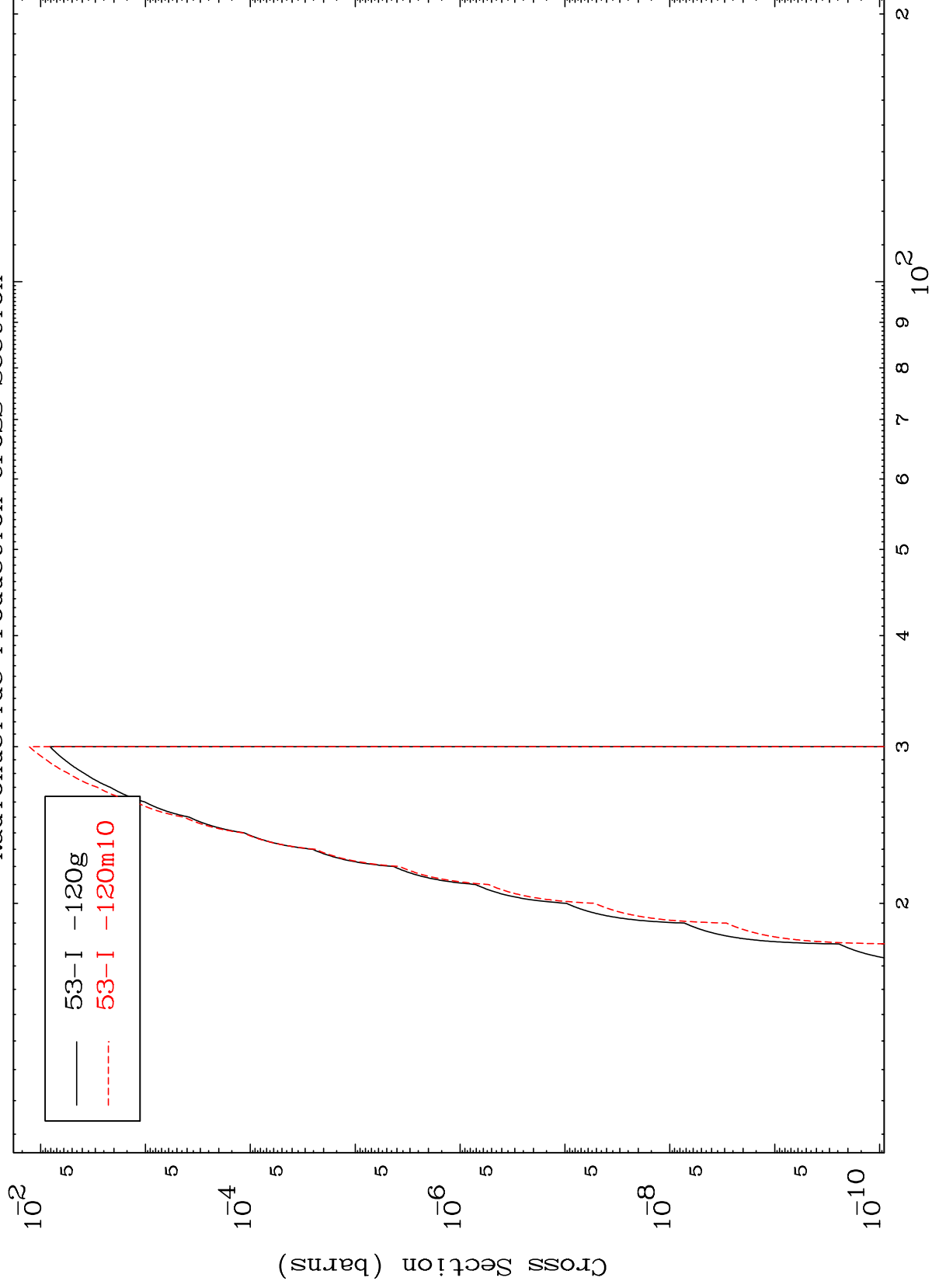
55-Cs-125

MAT 5501

55-Cs-125

(n,2n) α

Radionuclide Production Cross Section



60

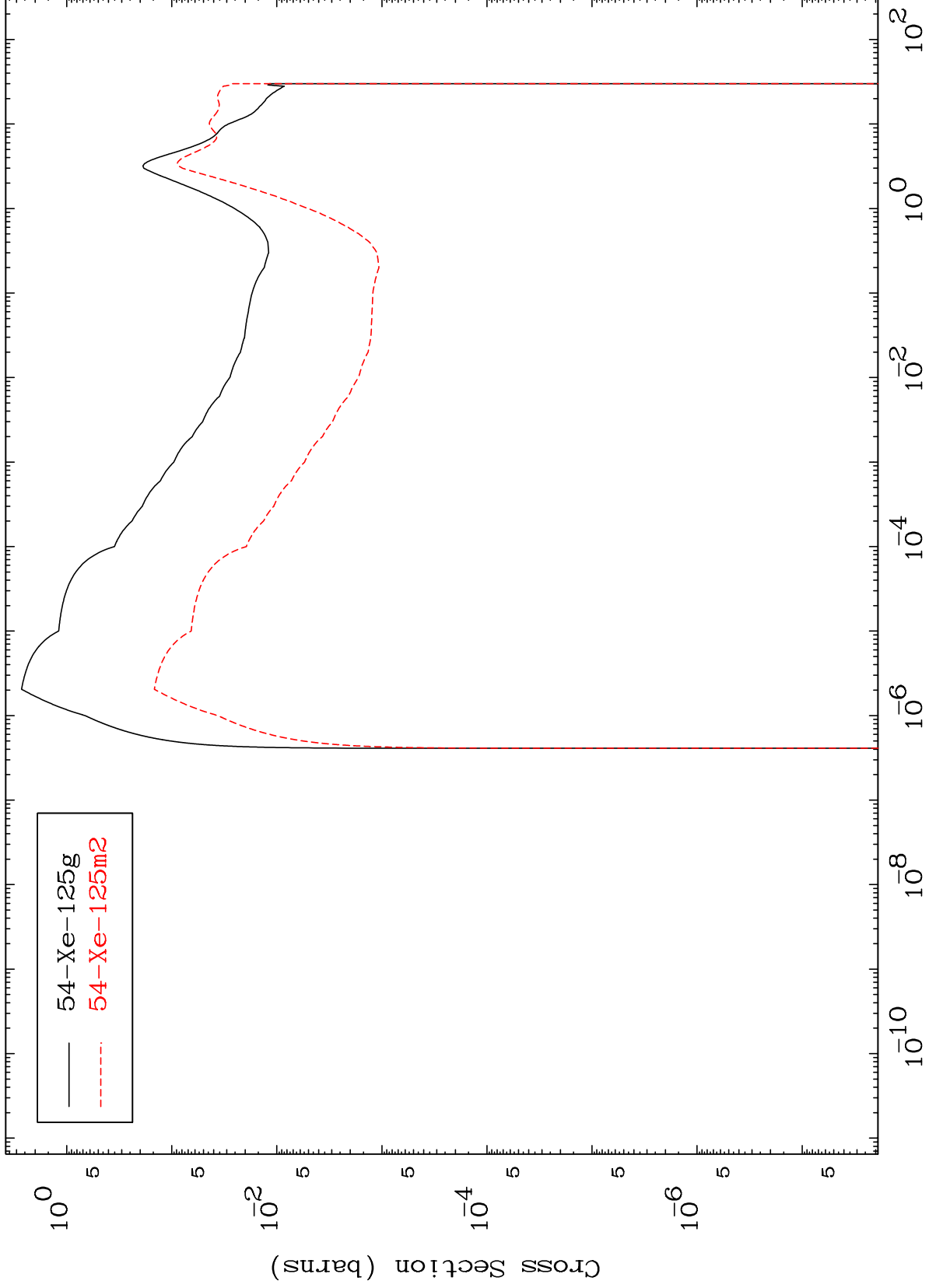
Incident Energy (MeV)

55-Cs-125

MAT 5501

55-Cs-125

(n,p)
Radionuclide Production Cross Section



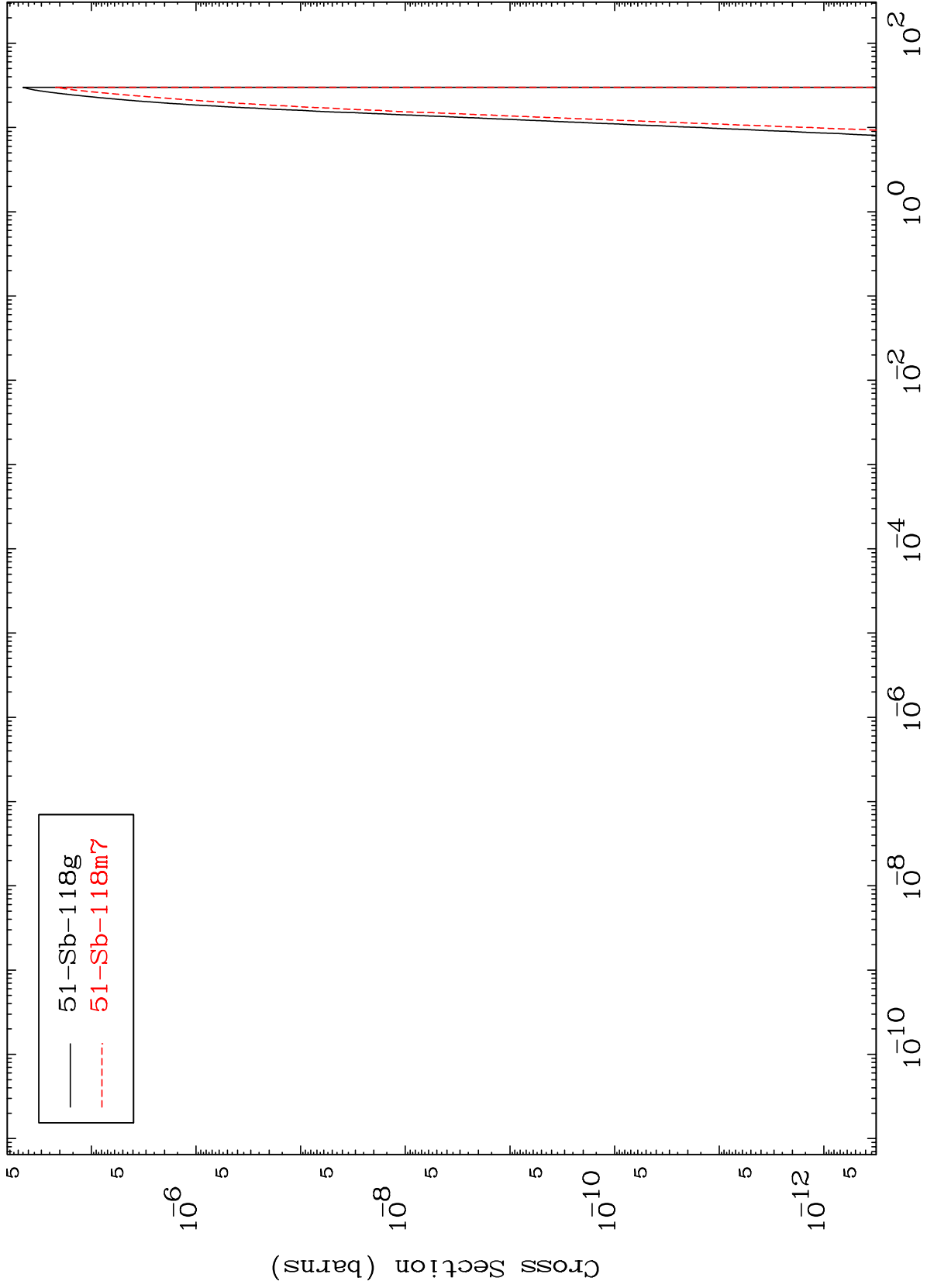
— 54-Xe-125g
- - - 54-Xe-125m2

MAT 5501

(n,2α)

55-Cs-125

Radionuclide Production Cross Section



62

Incident Energy (MeV)

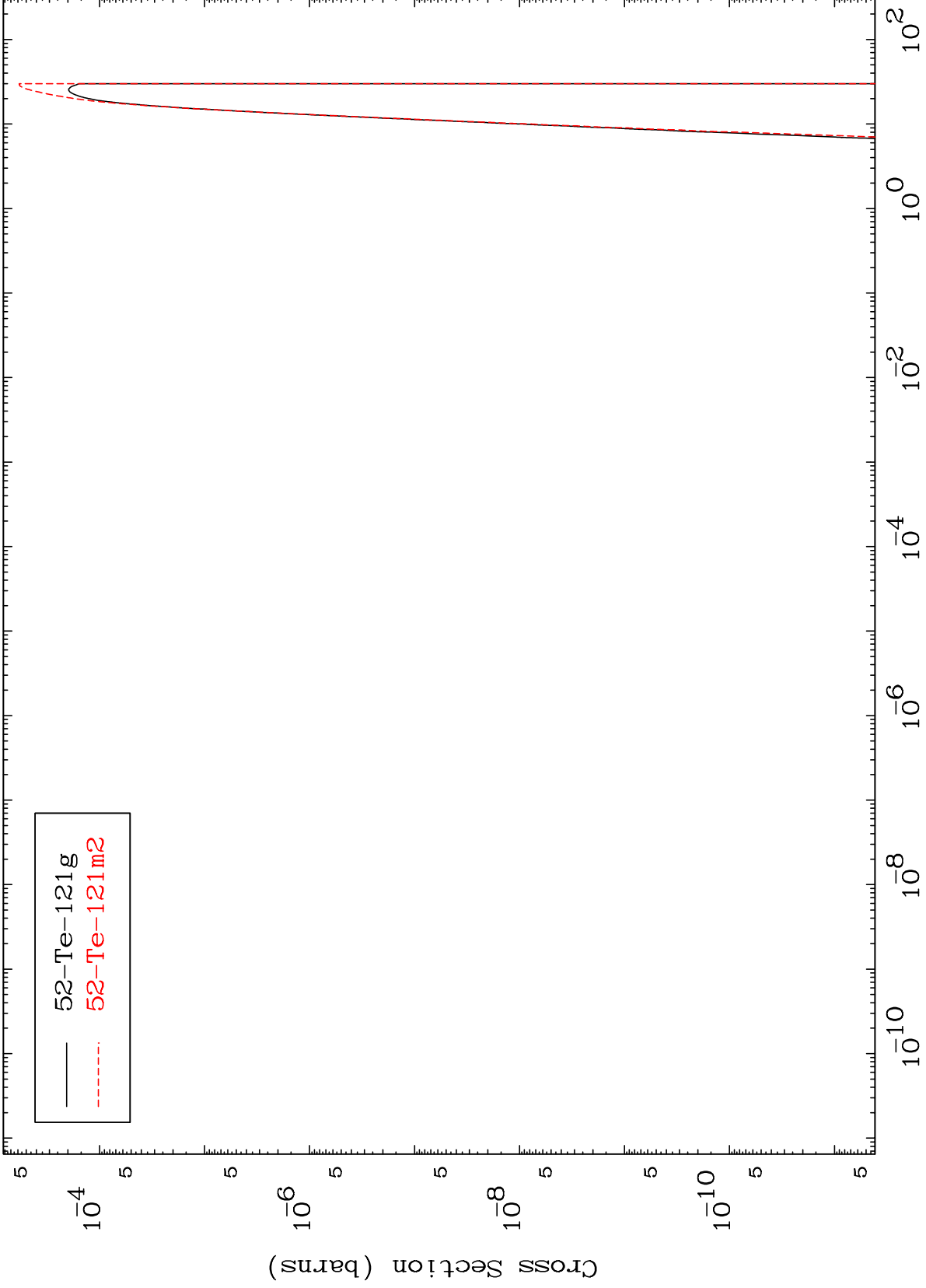
55-Cs-125

MAT 5501

(n,p) α

55-Cs-125

Radionuclide Production Cross Section



63

Incident Energy (MeV)

55-Cs-125