

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

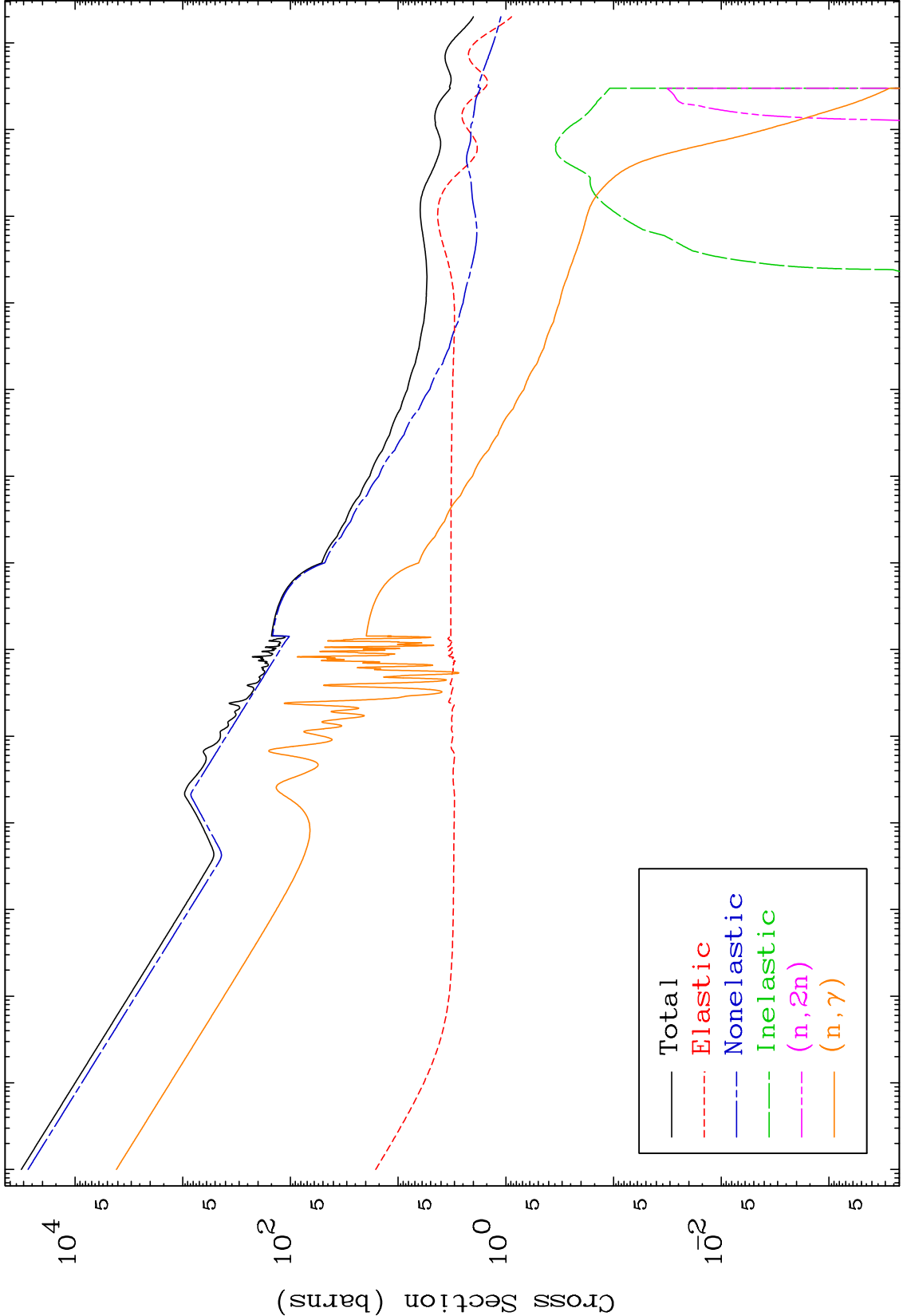
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

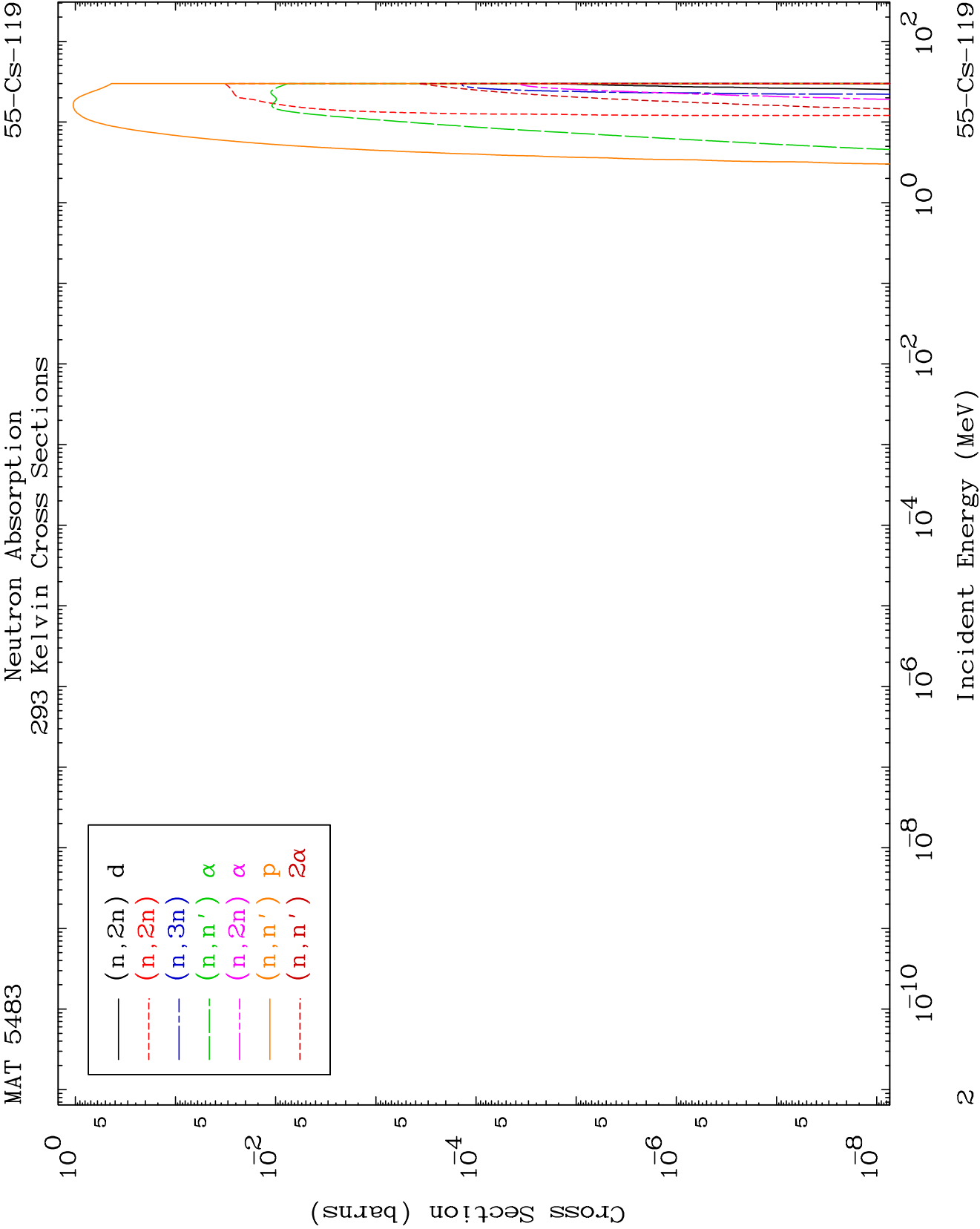
Press Mouse Button to Start

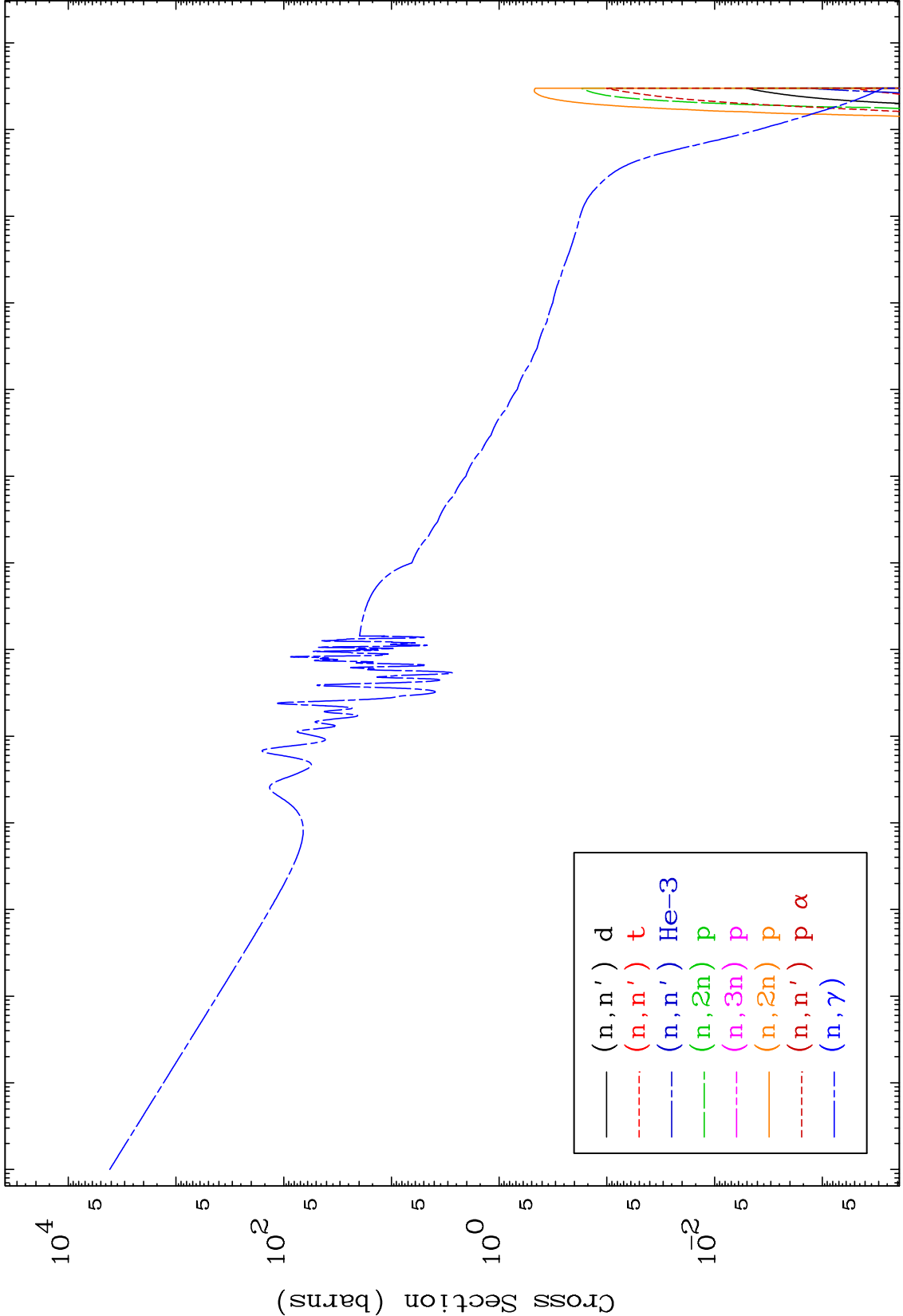
MAT 5483

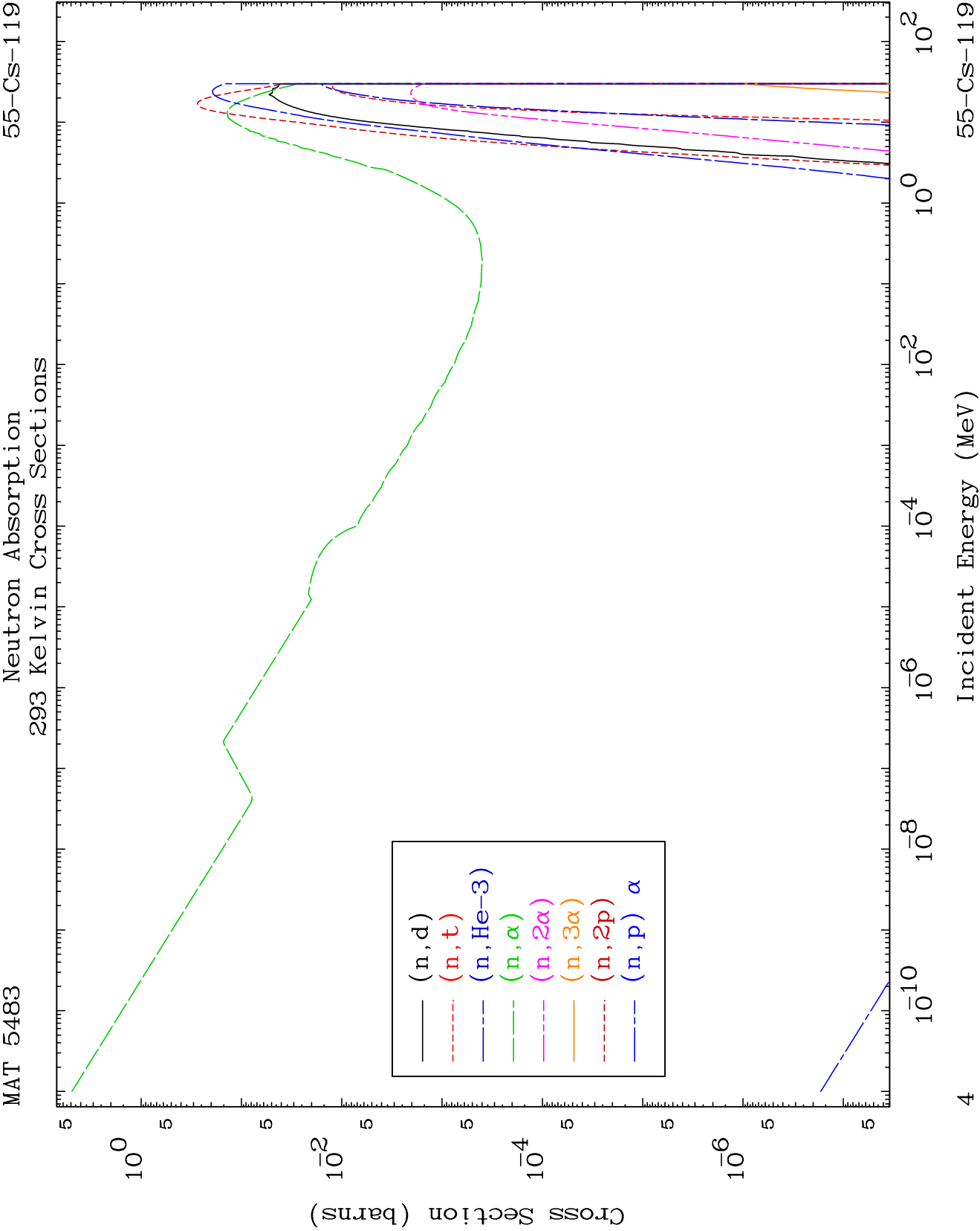
Neutron Major
293 Kelvin Cross Sections

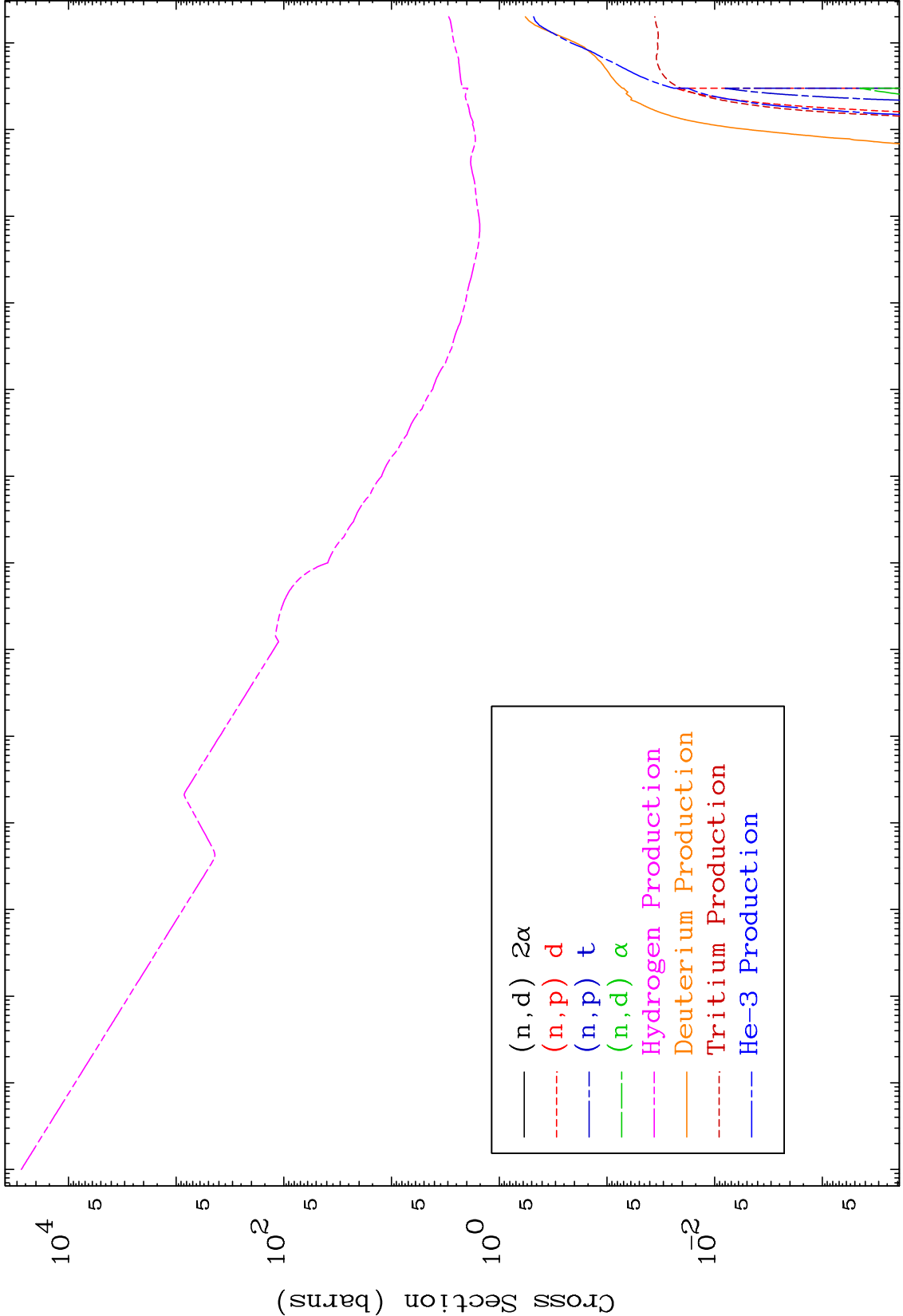
55-Cs-119

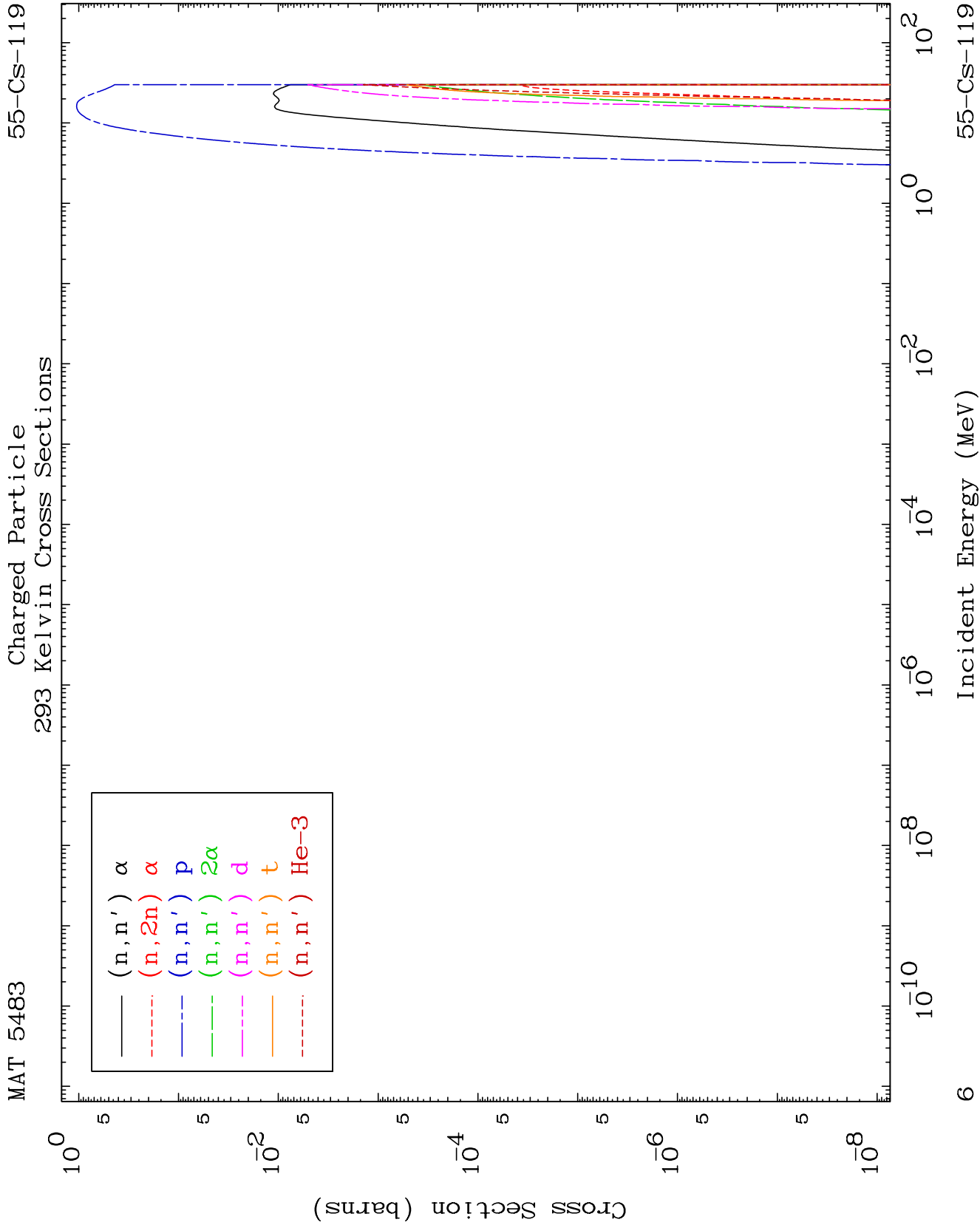


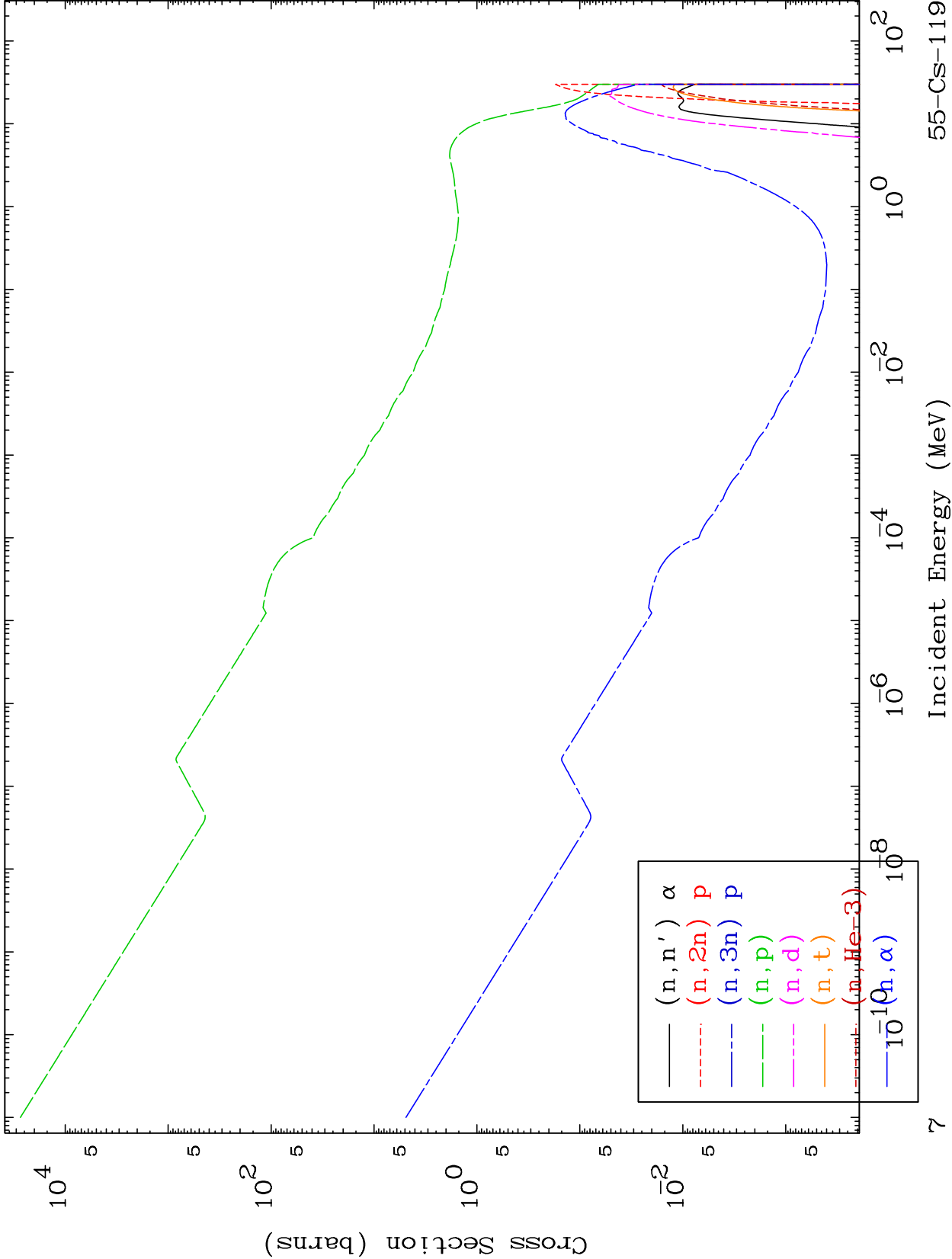


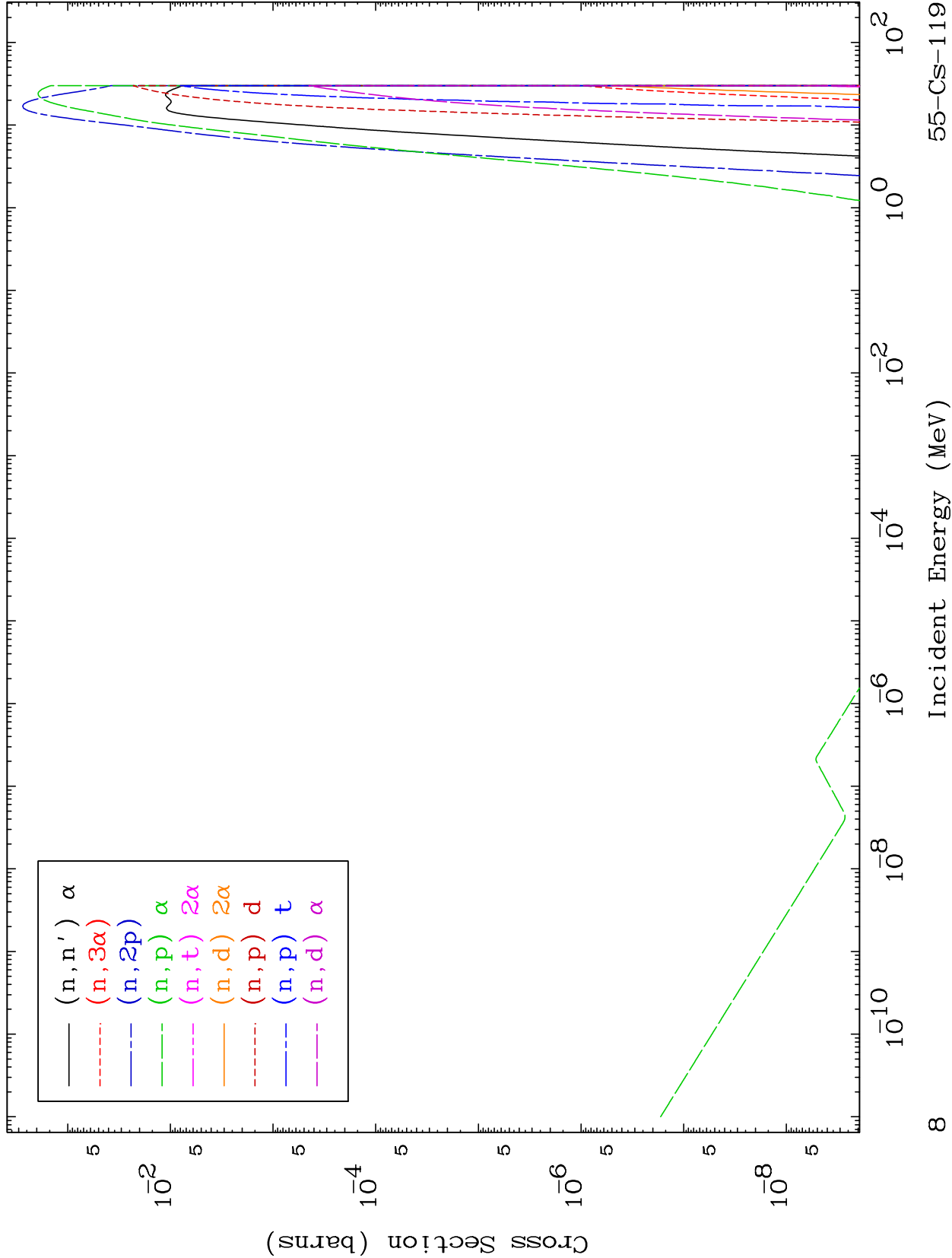


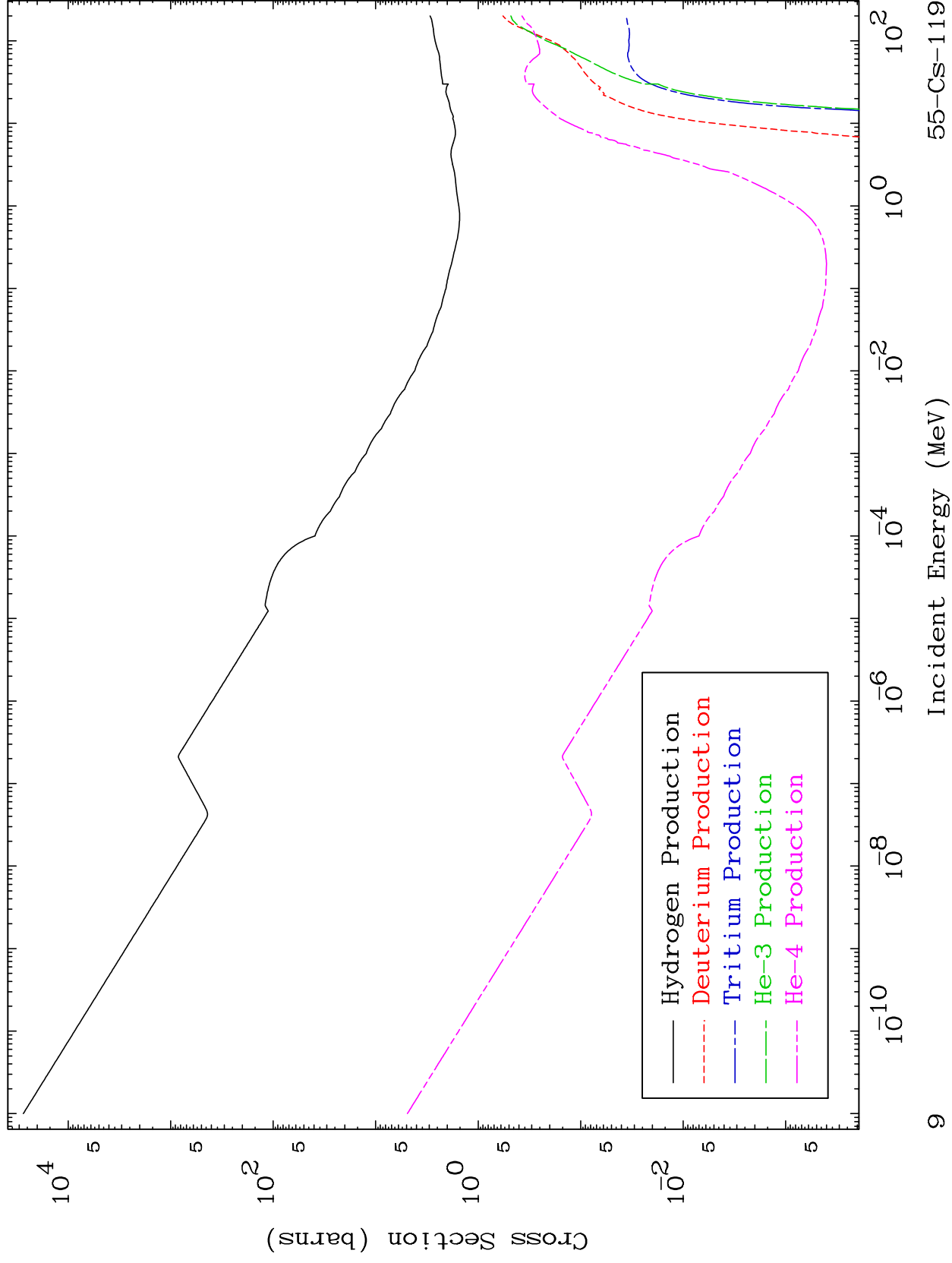


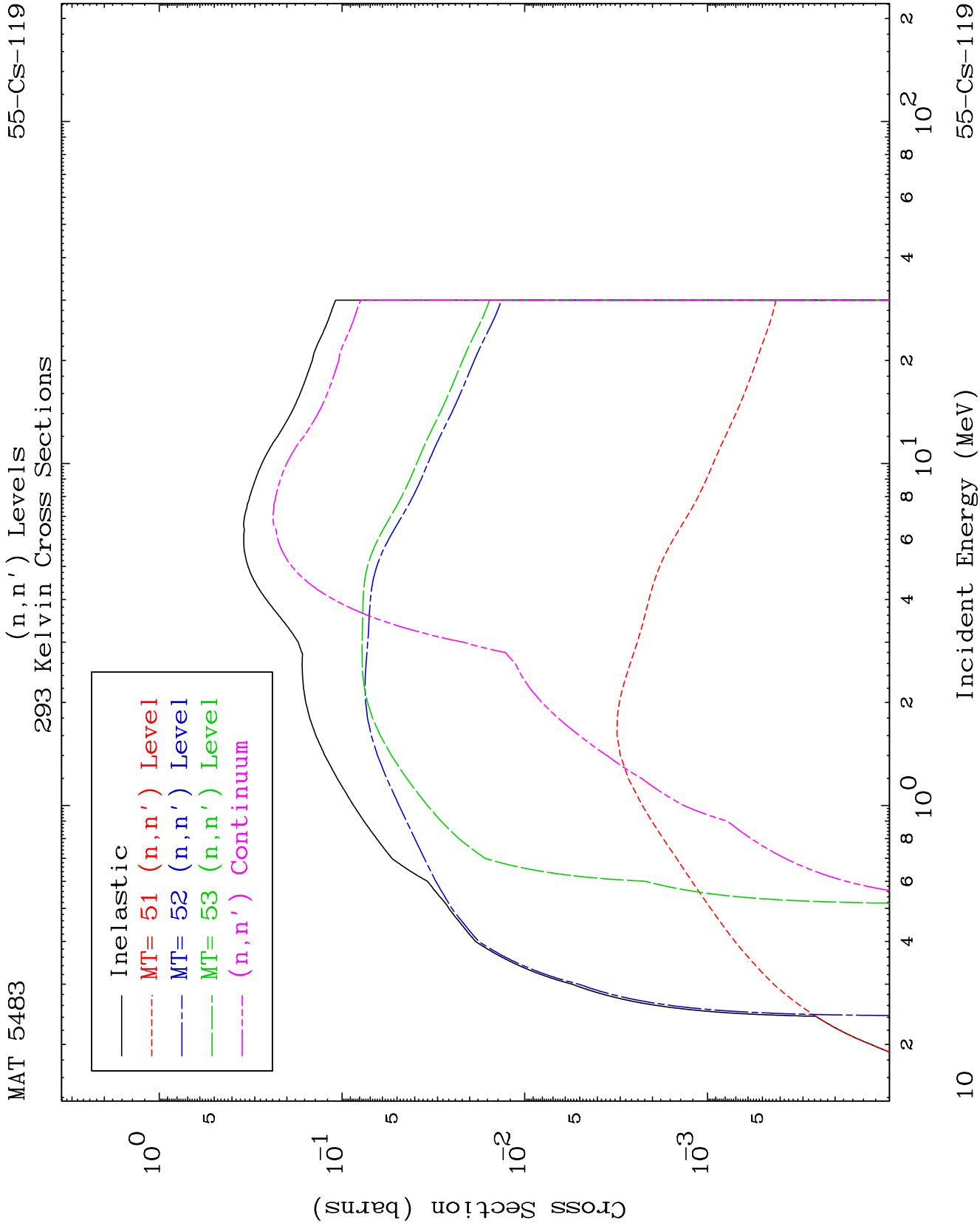








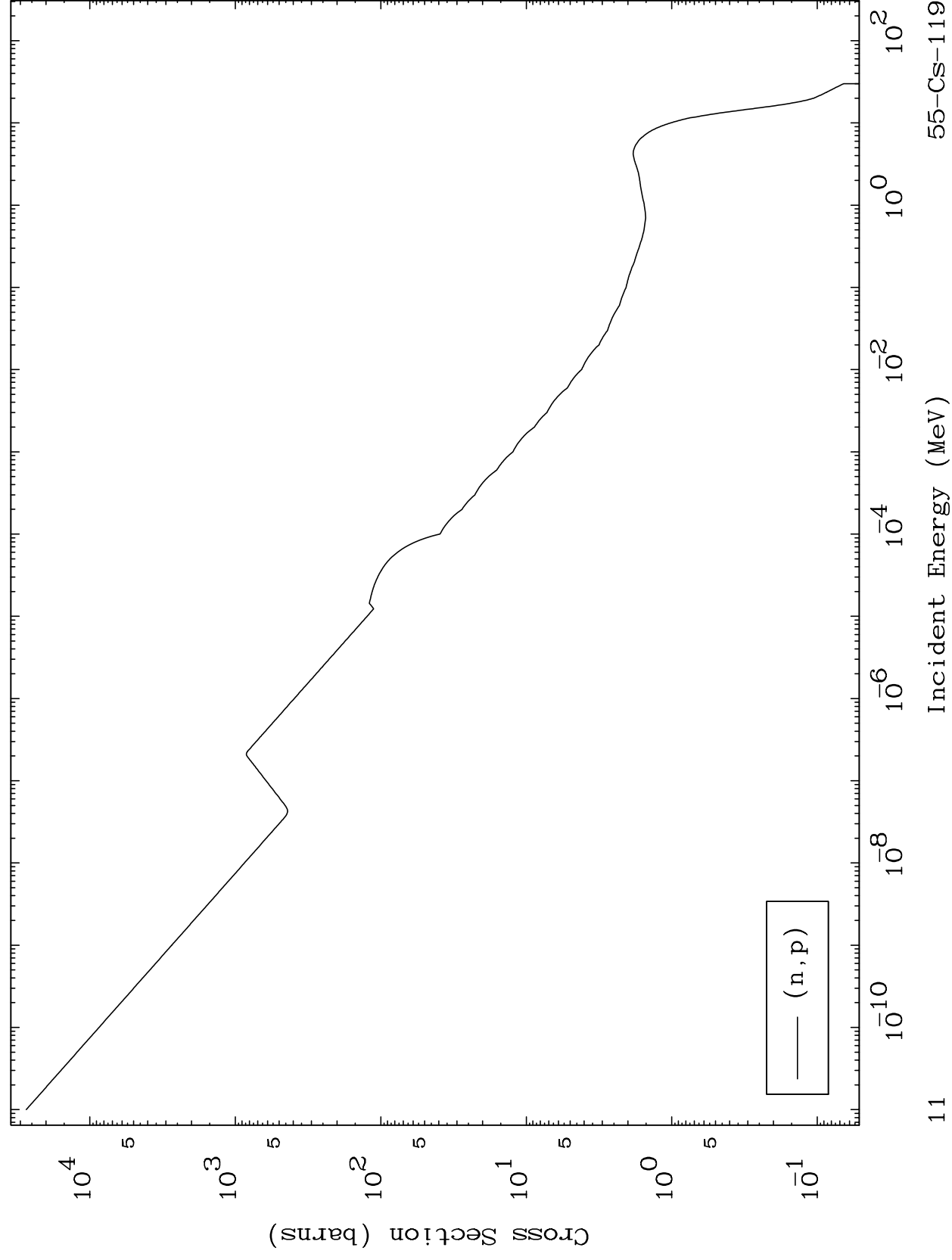




MAT 5483

55-CS-119

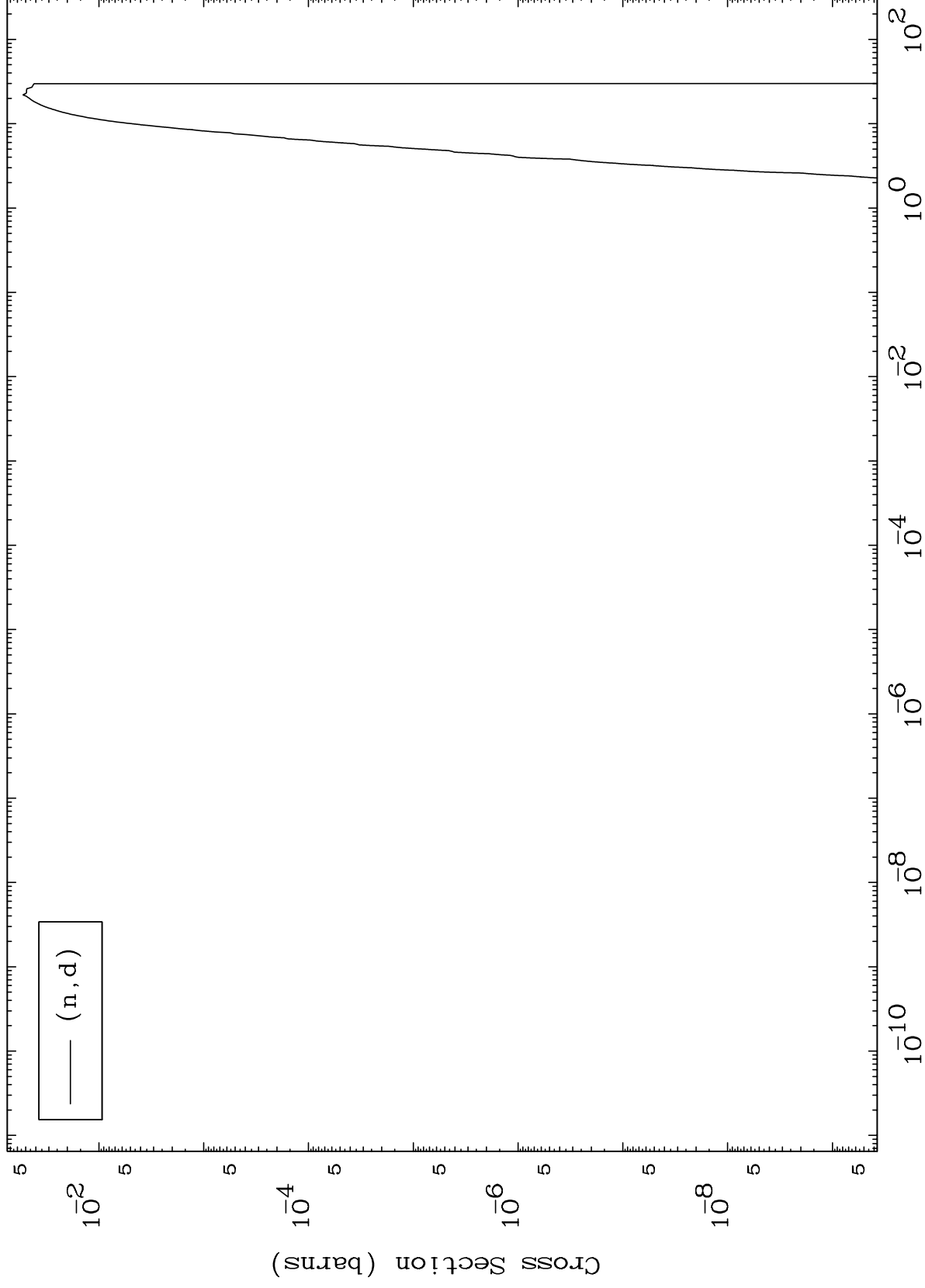
(n, p) Levels
293 Kelvin Cross Sections



MAT 5483

(n,d) Levels
293 Kelvin Cross Sections

55-Cs-119



12

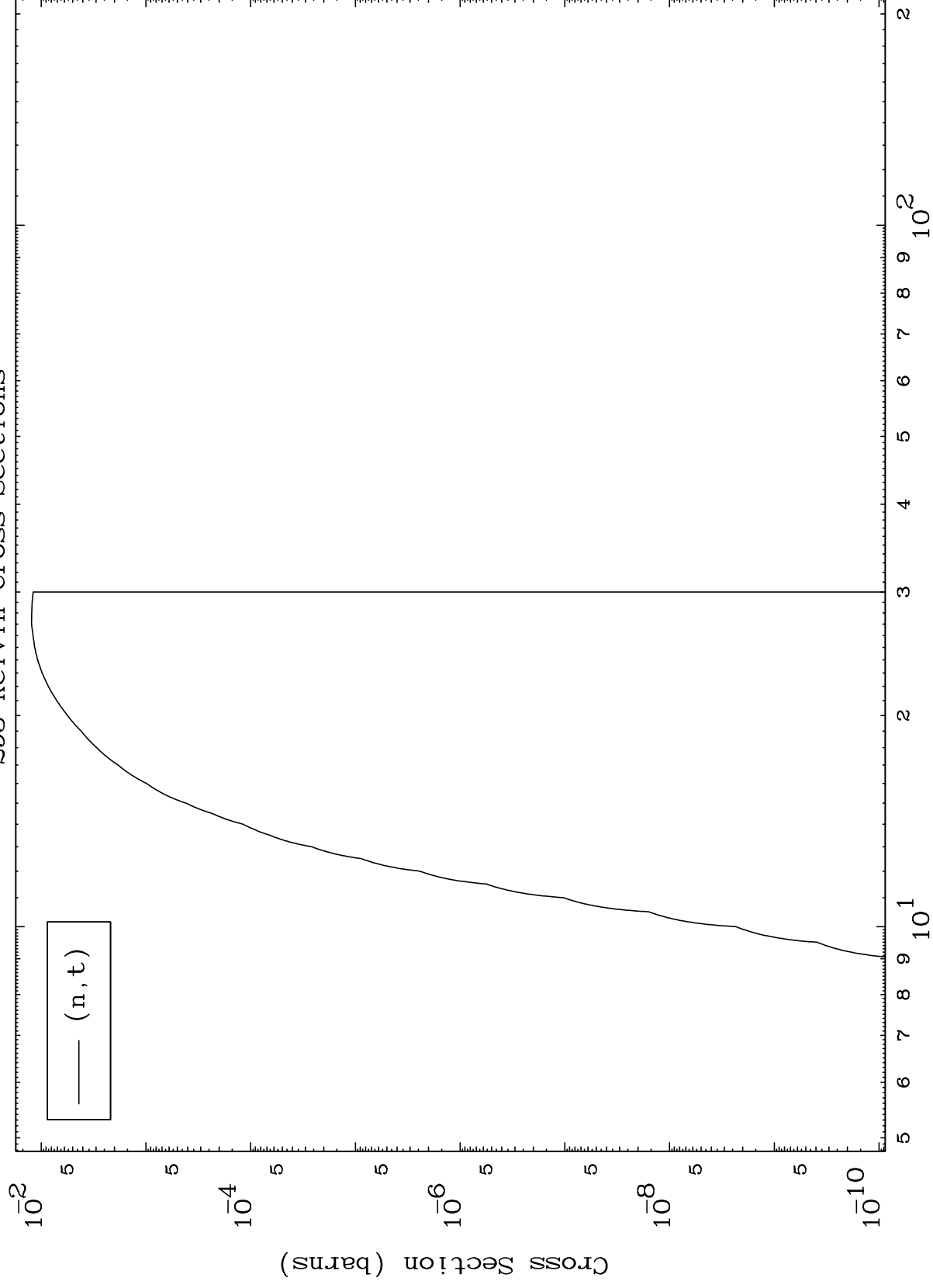
Incident Energy (MeV)

55-Cs-119

MAT 5483

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-119



13

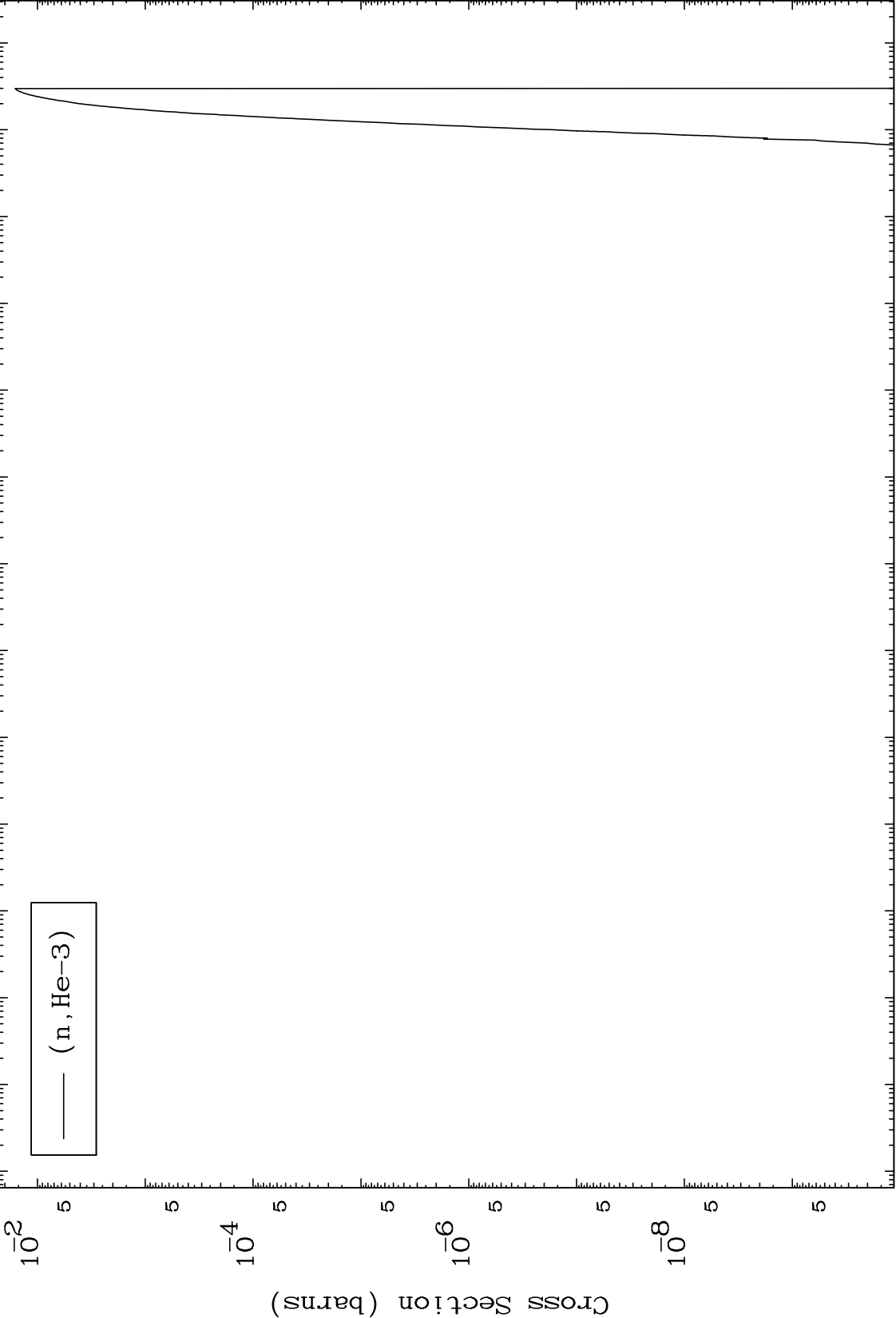
Incident Energy (MeV)

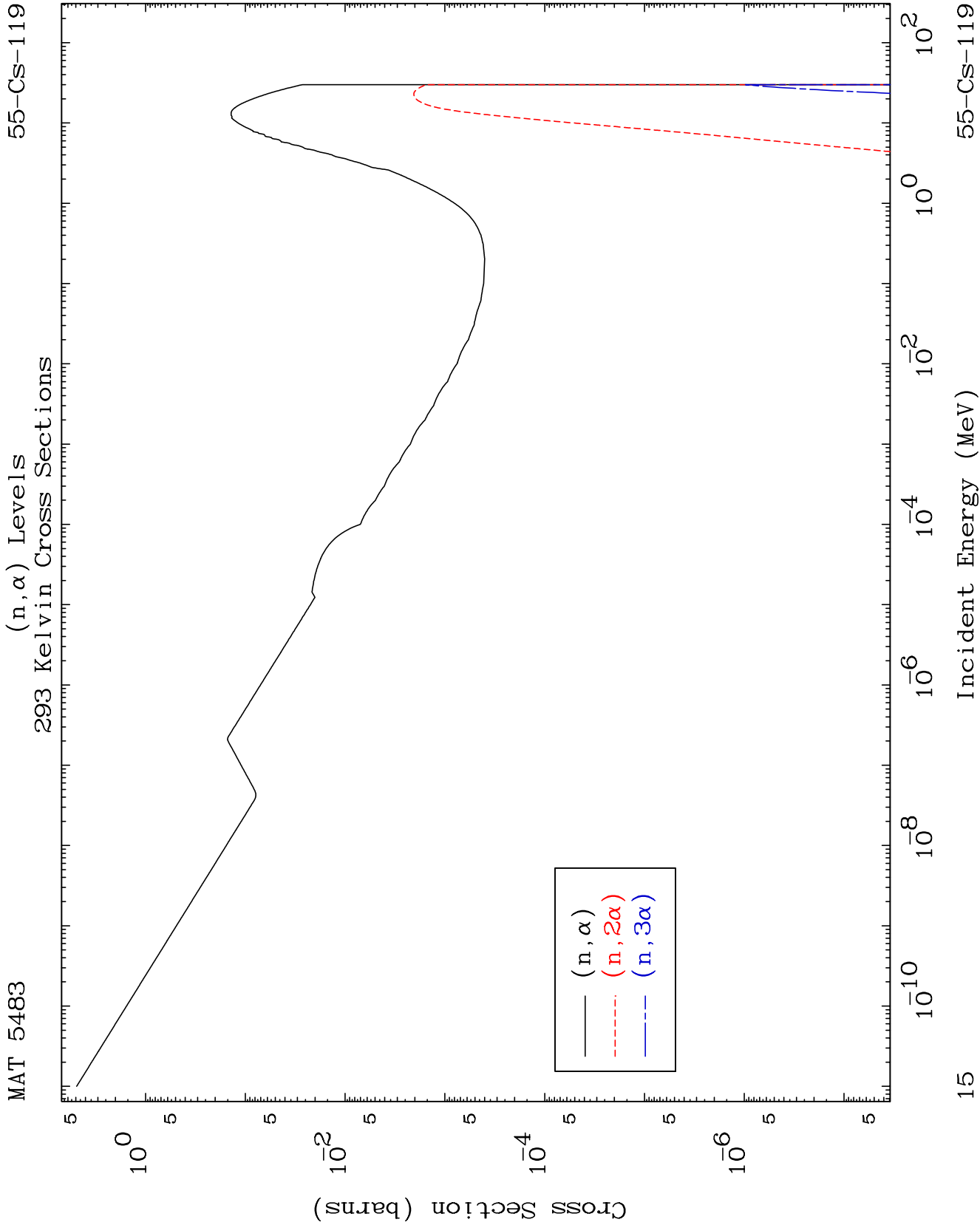
55-Cs-119

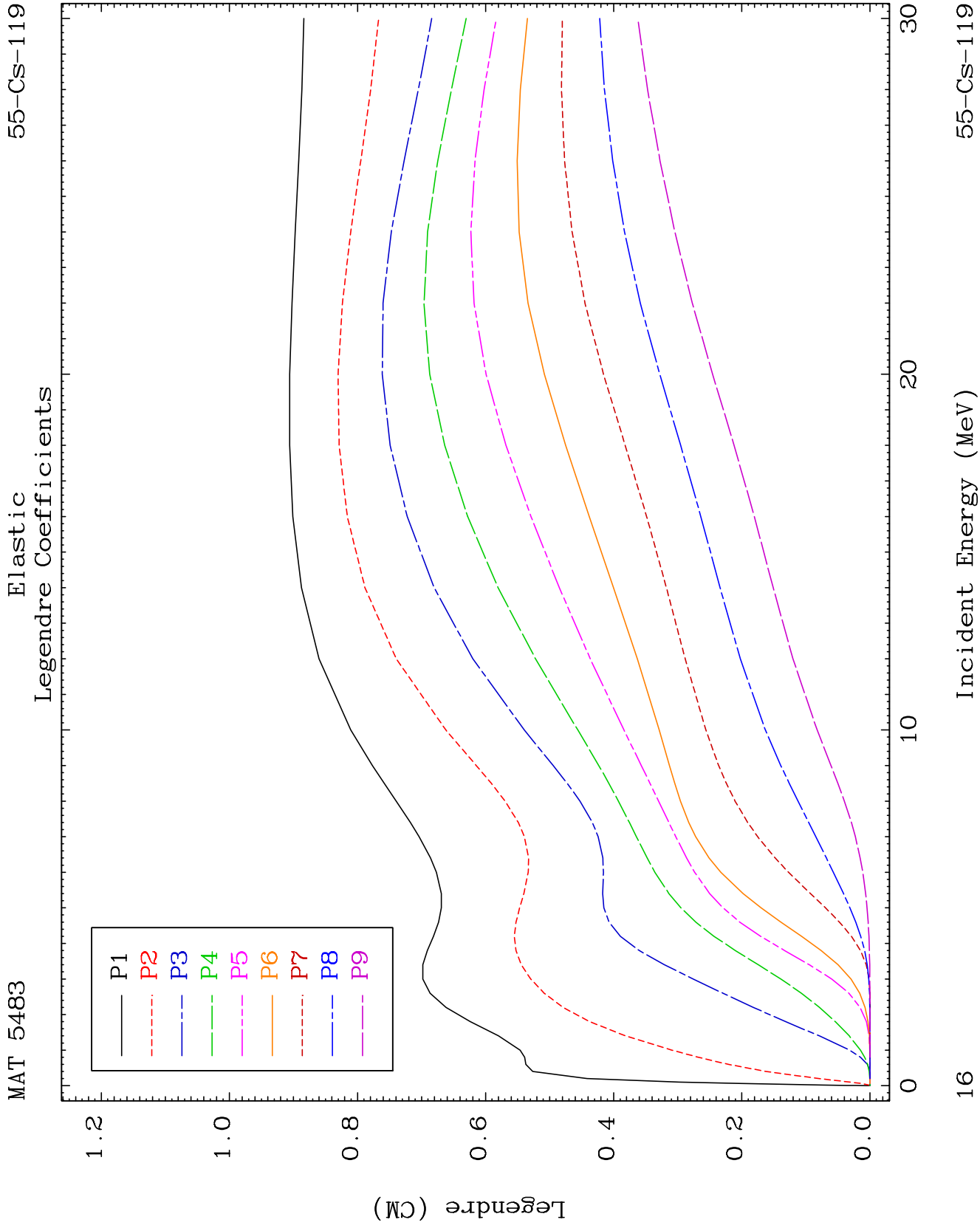
MAT 5483

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-119

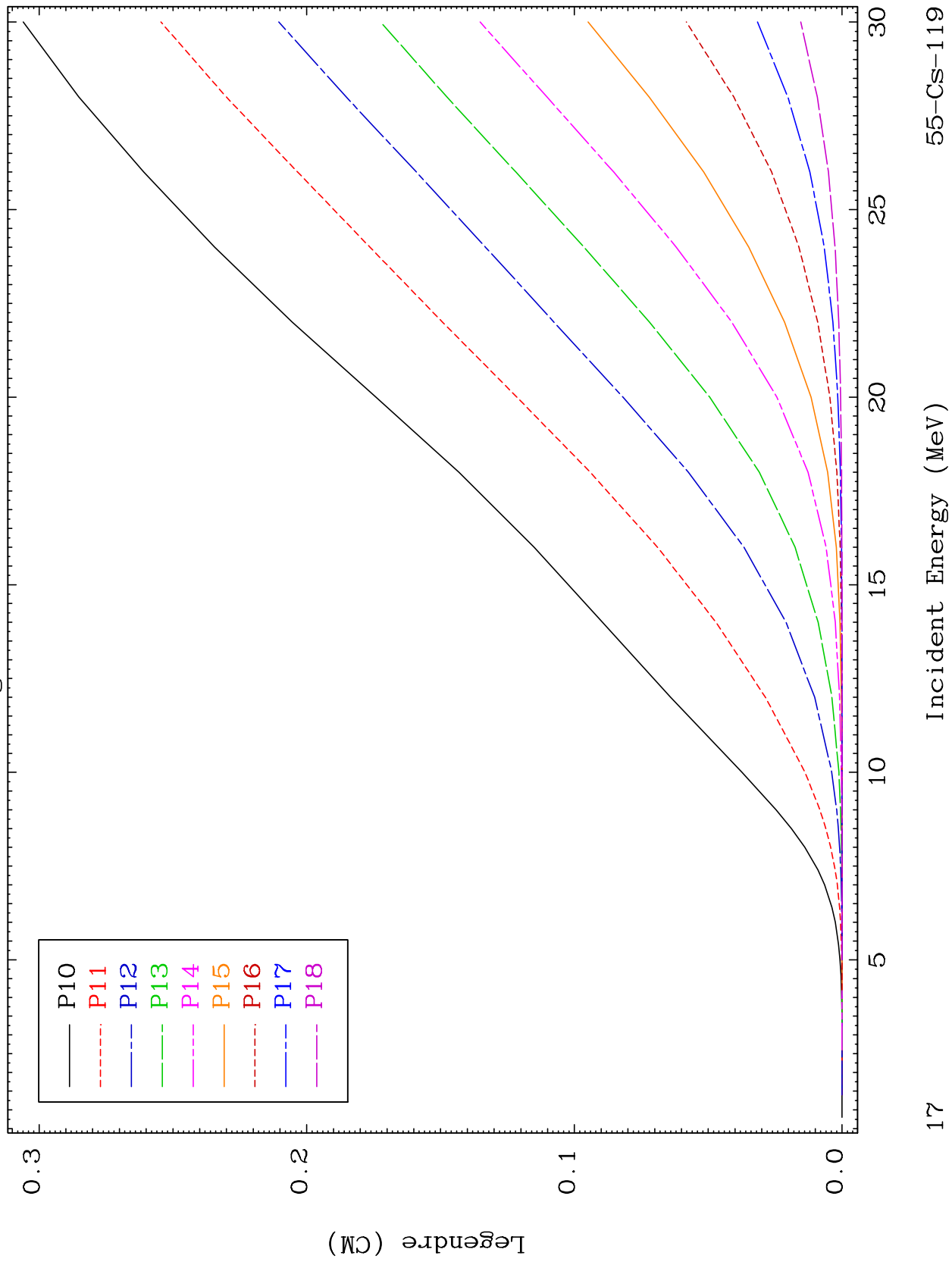


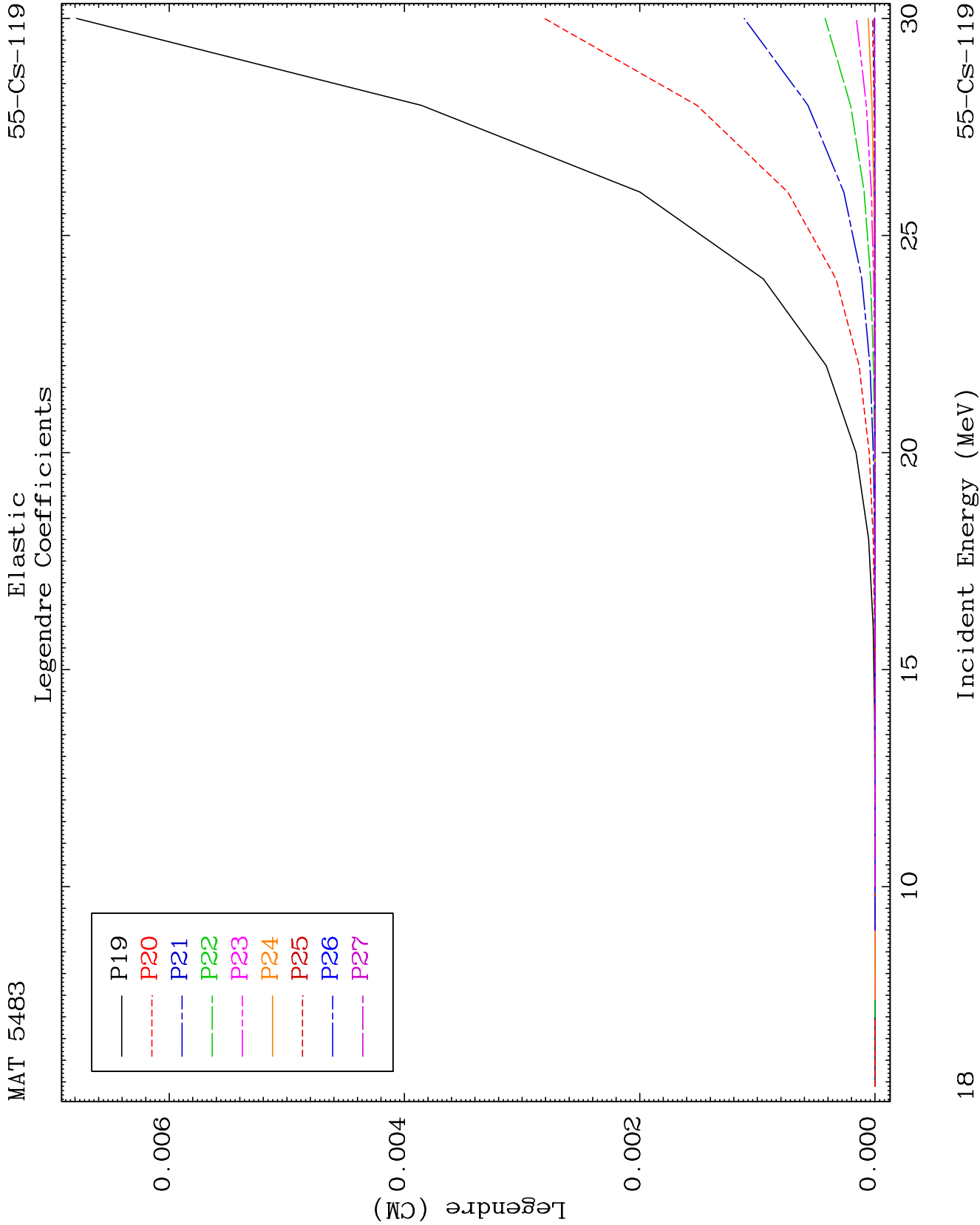


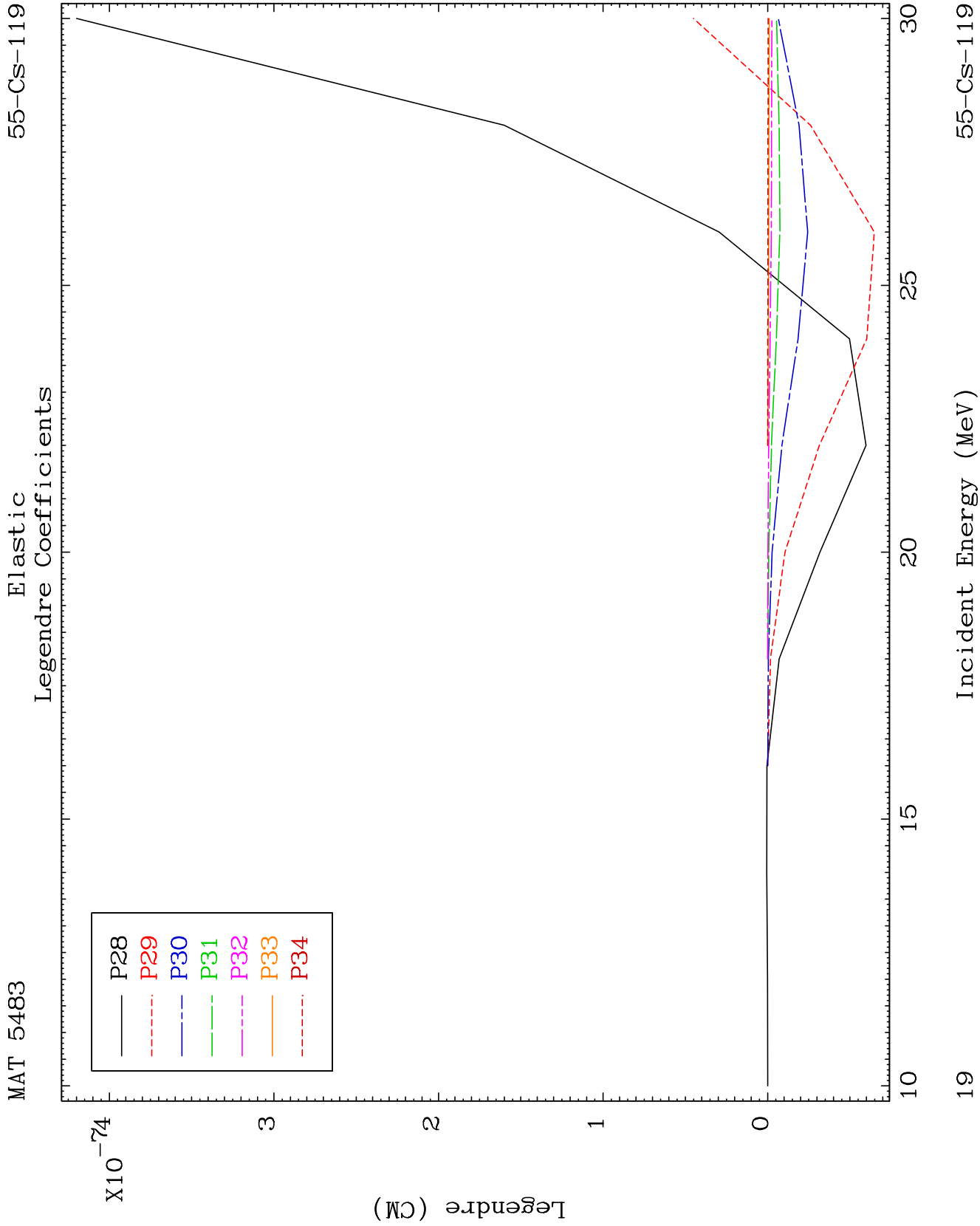


55-CS-119

55-CS-119



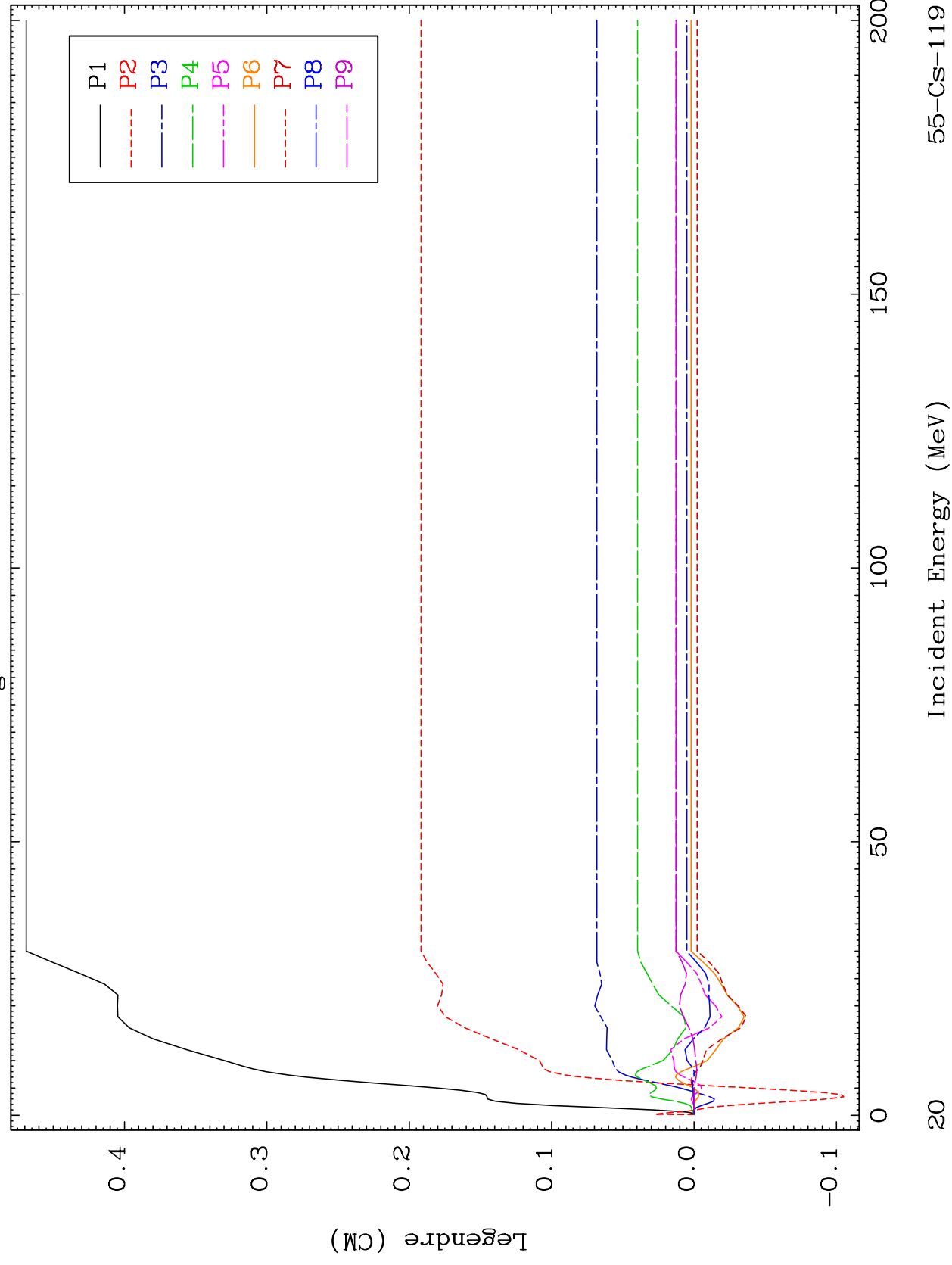




MAT 5483

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

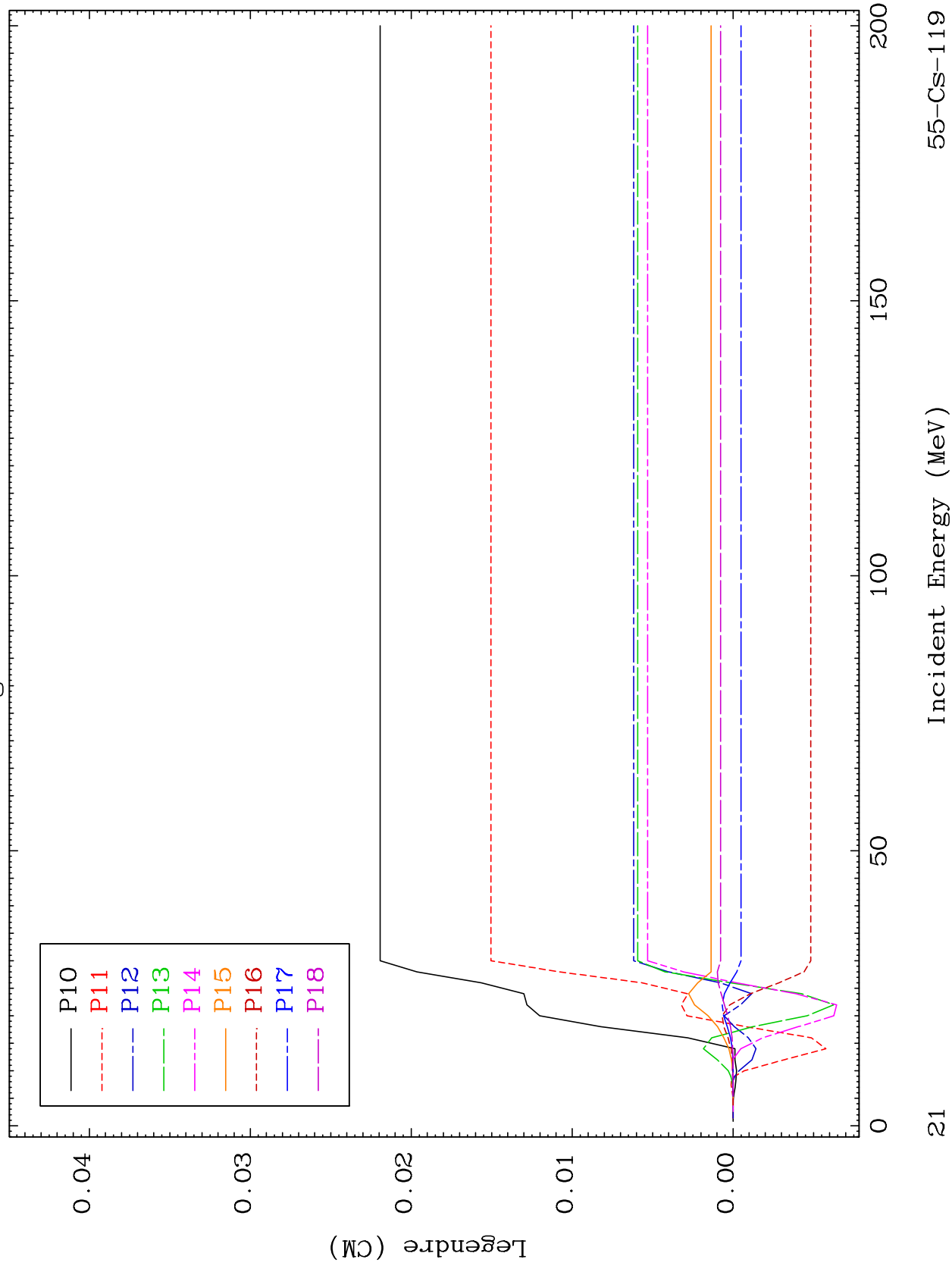
55-CS-119



MAT 5483

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

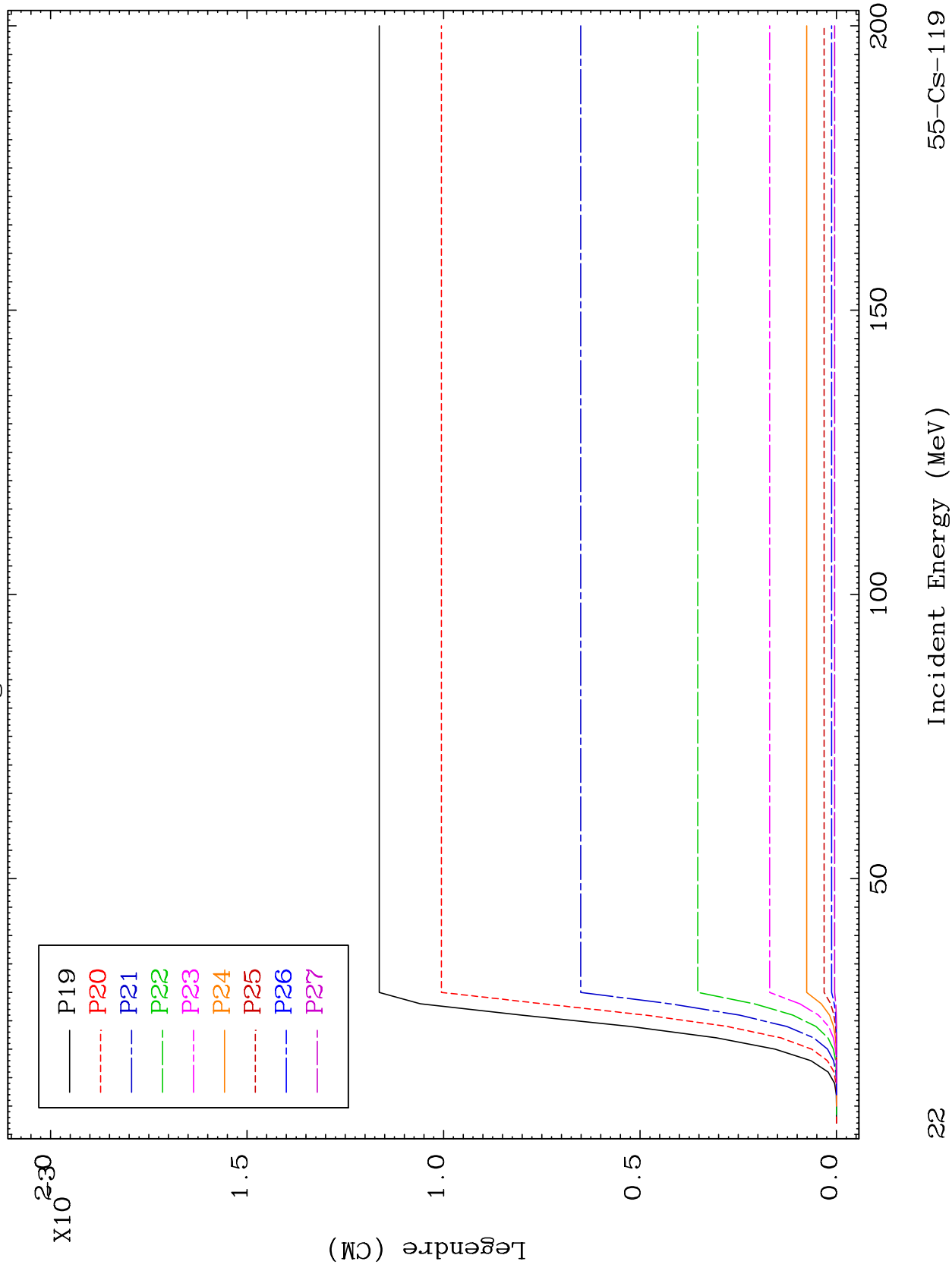
55-CS-119

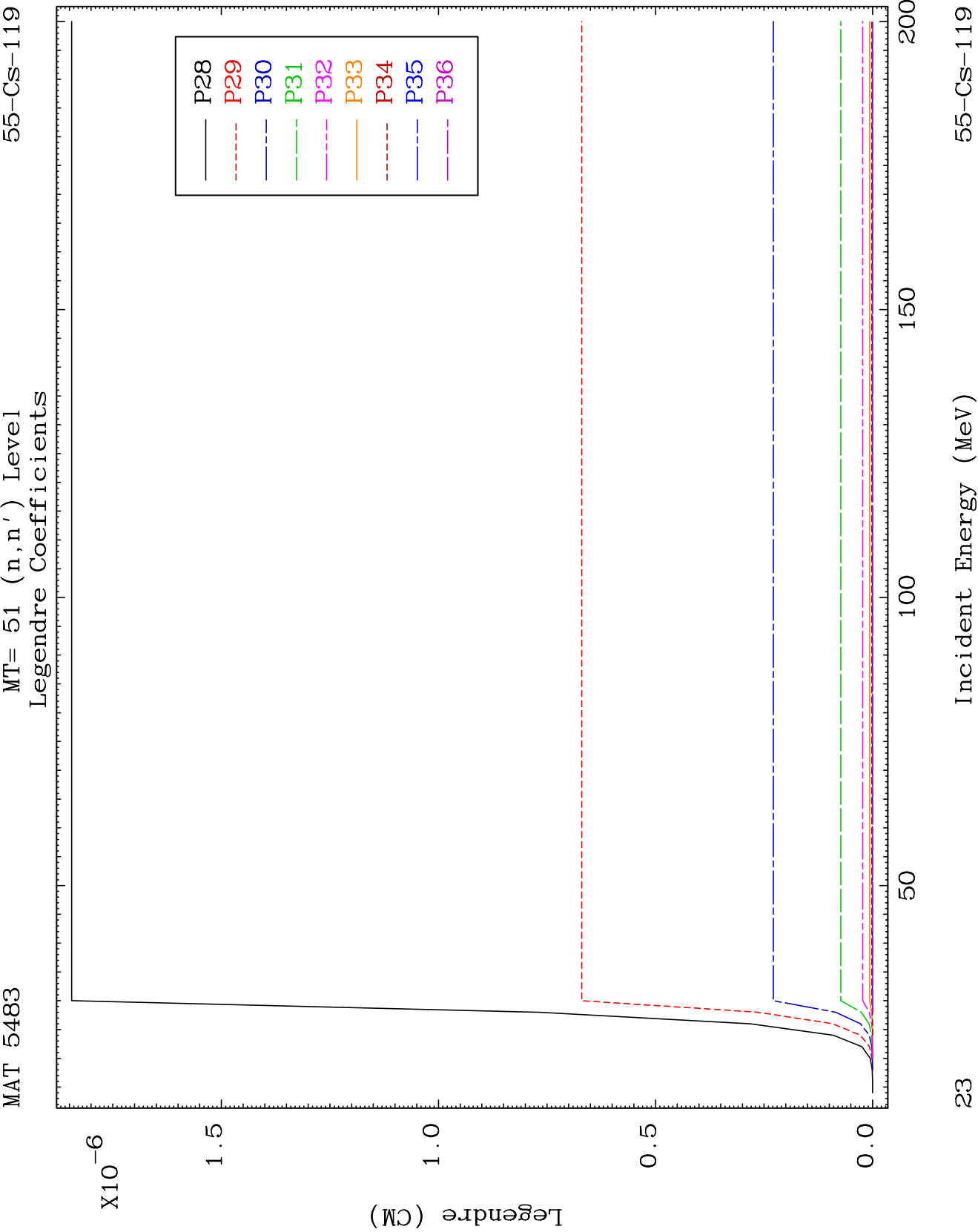


MAT 5483

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

55-CS-119

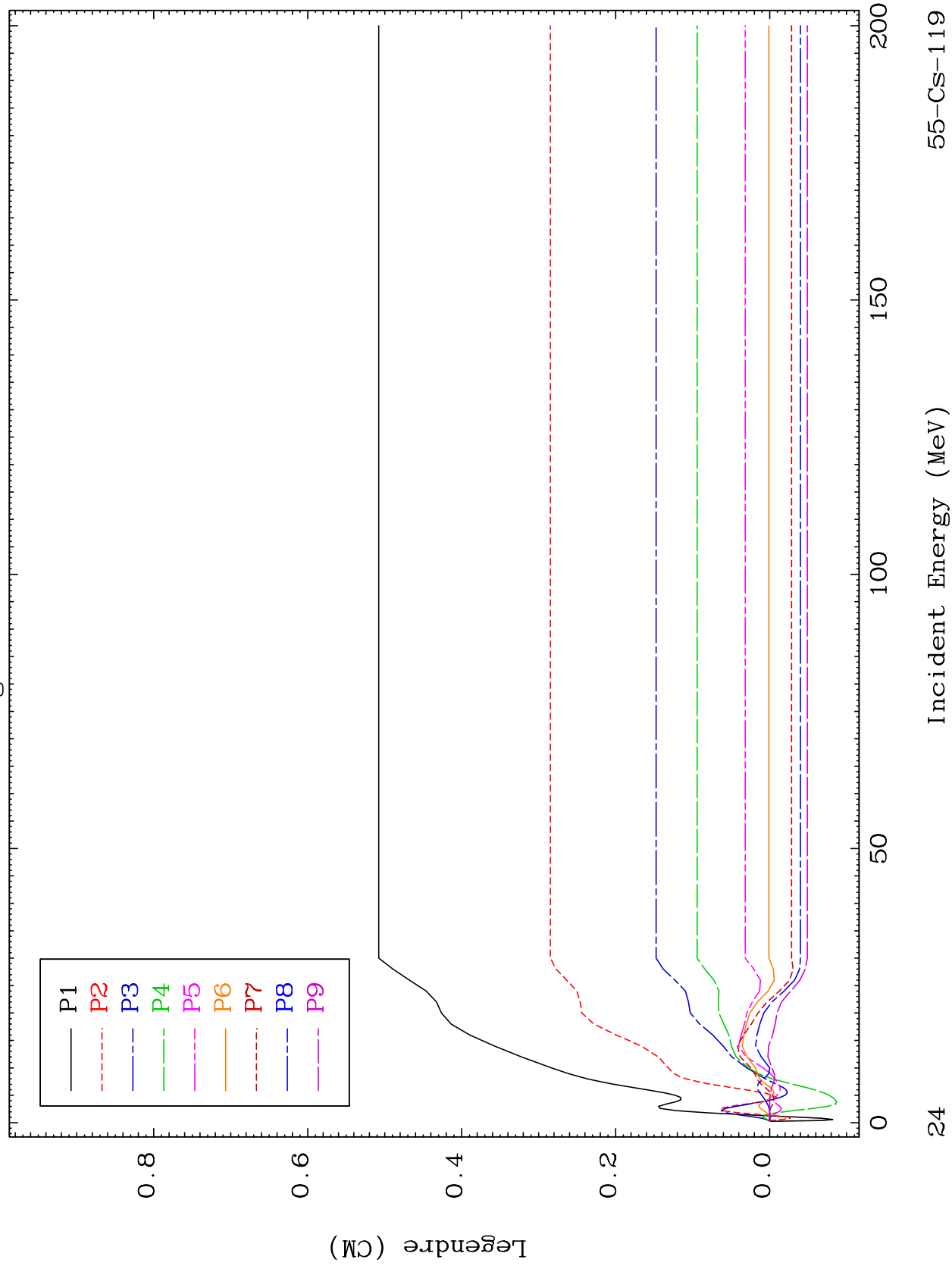




MAT 5483

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

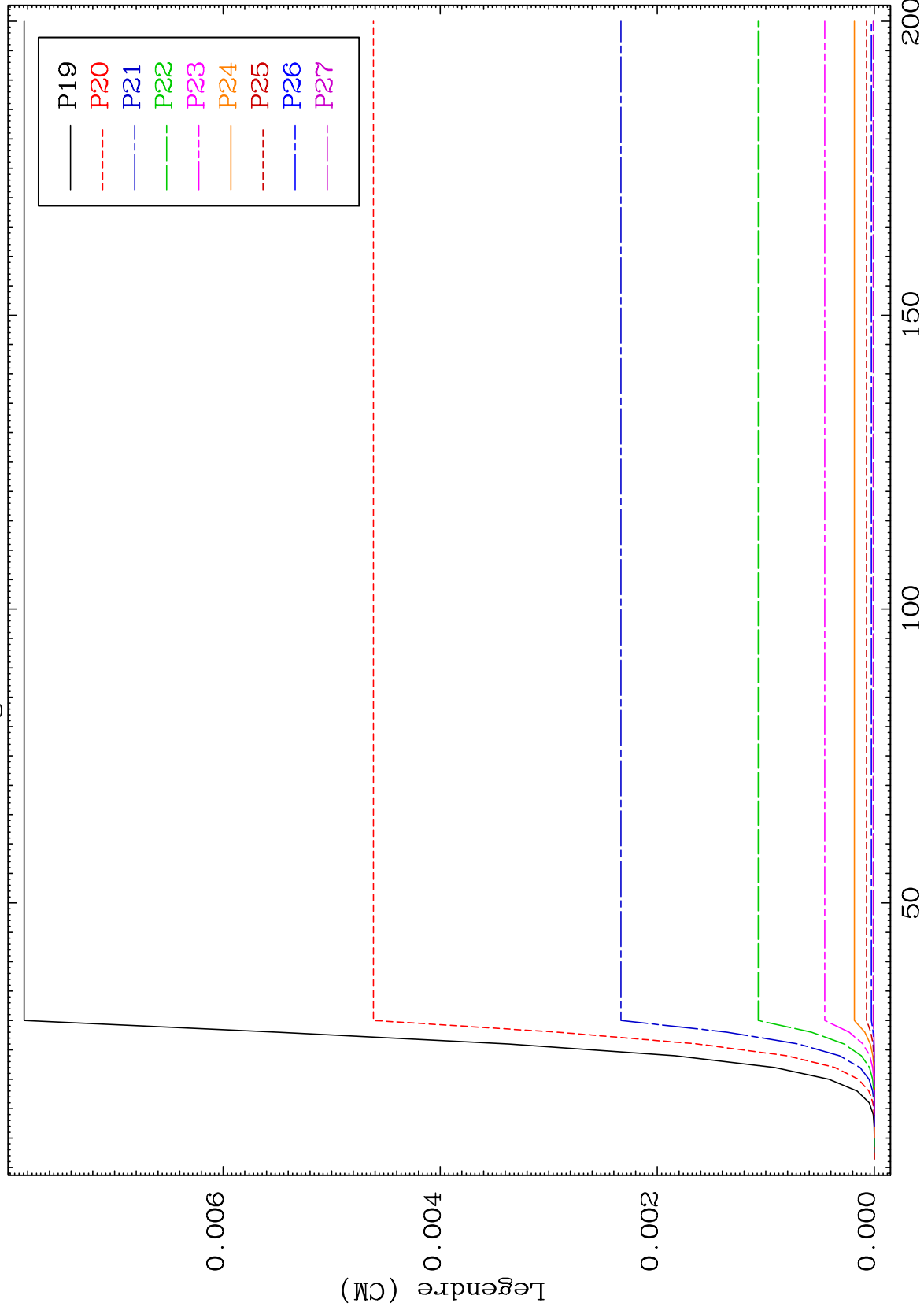
55-CS-119



MAT 5483

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

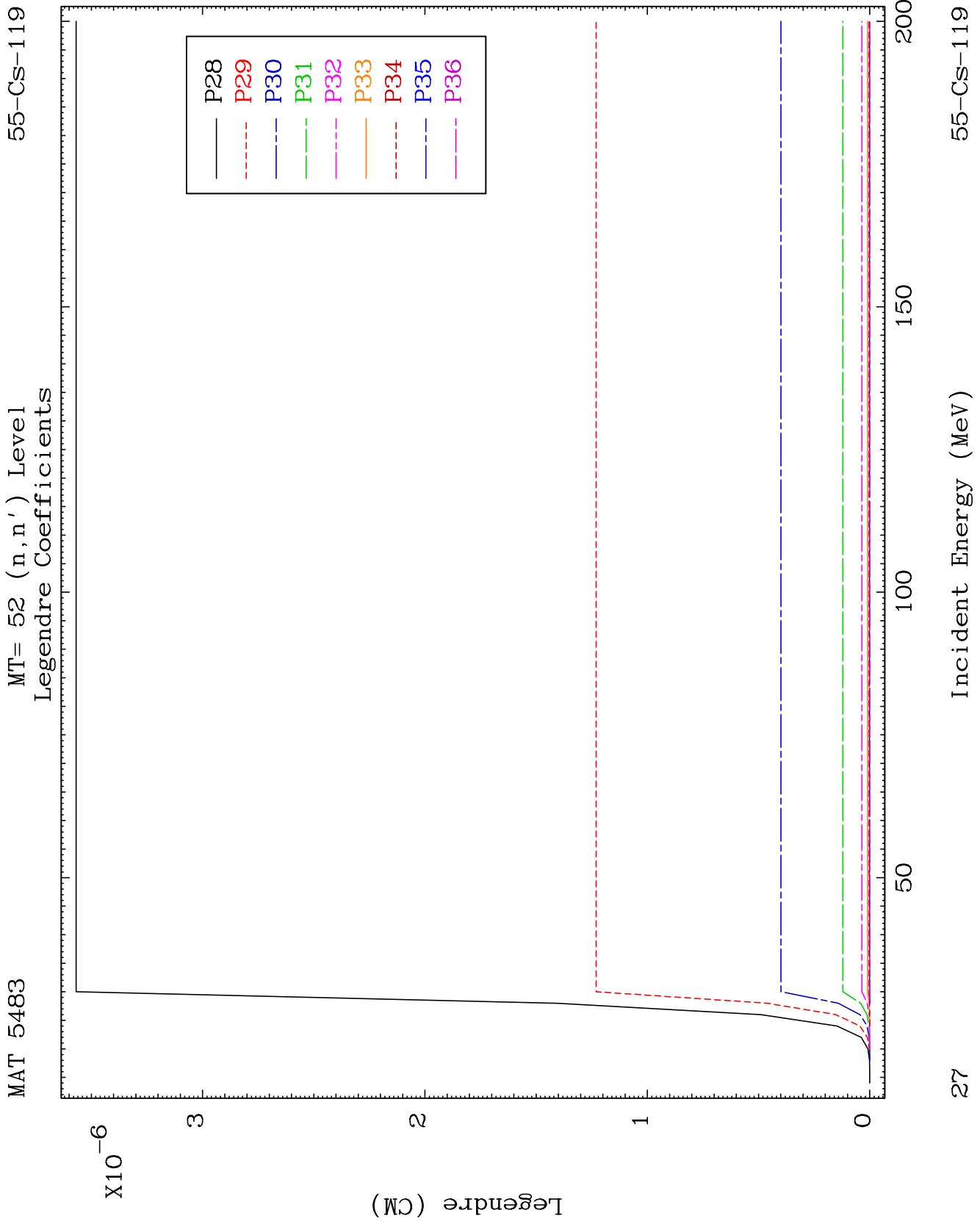
55-Cs-119



26

Incident Energy (MeV)

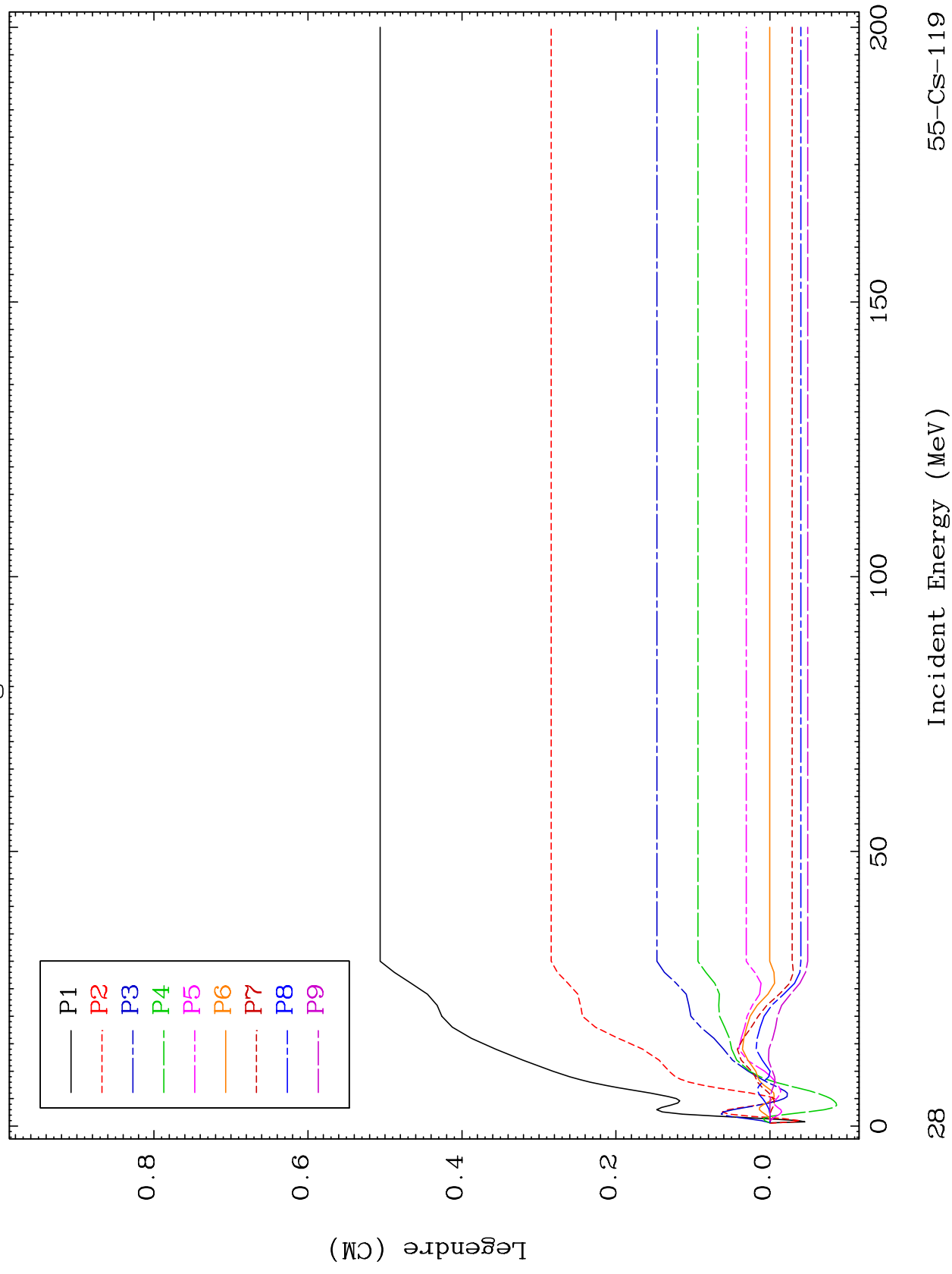
55-Cs-119



MAT 5483

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

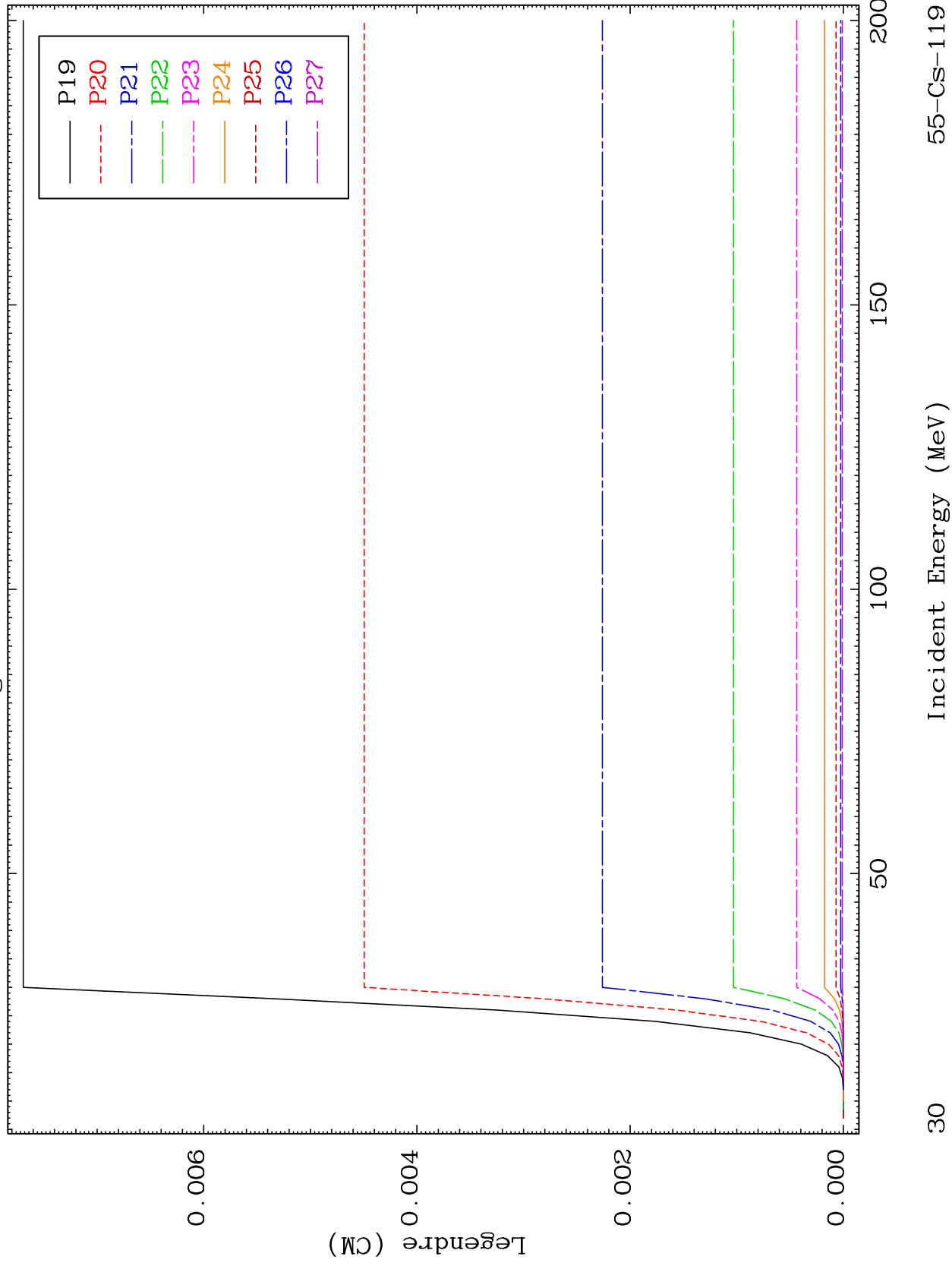
55-CS-119



MAT 5483

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

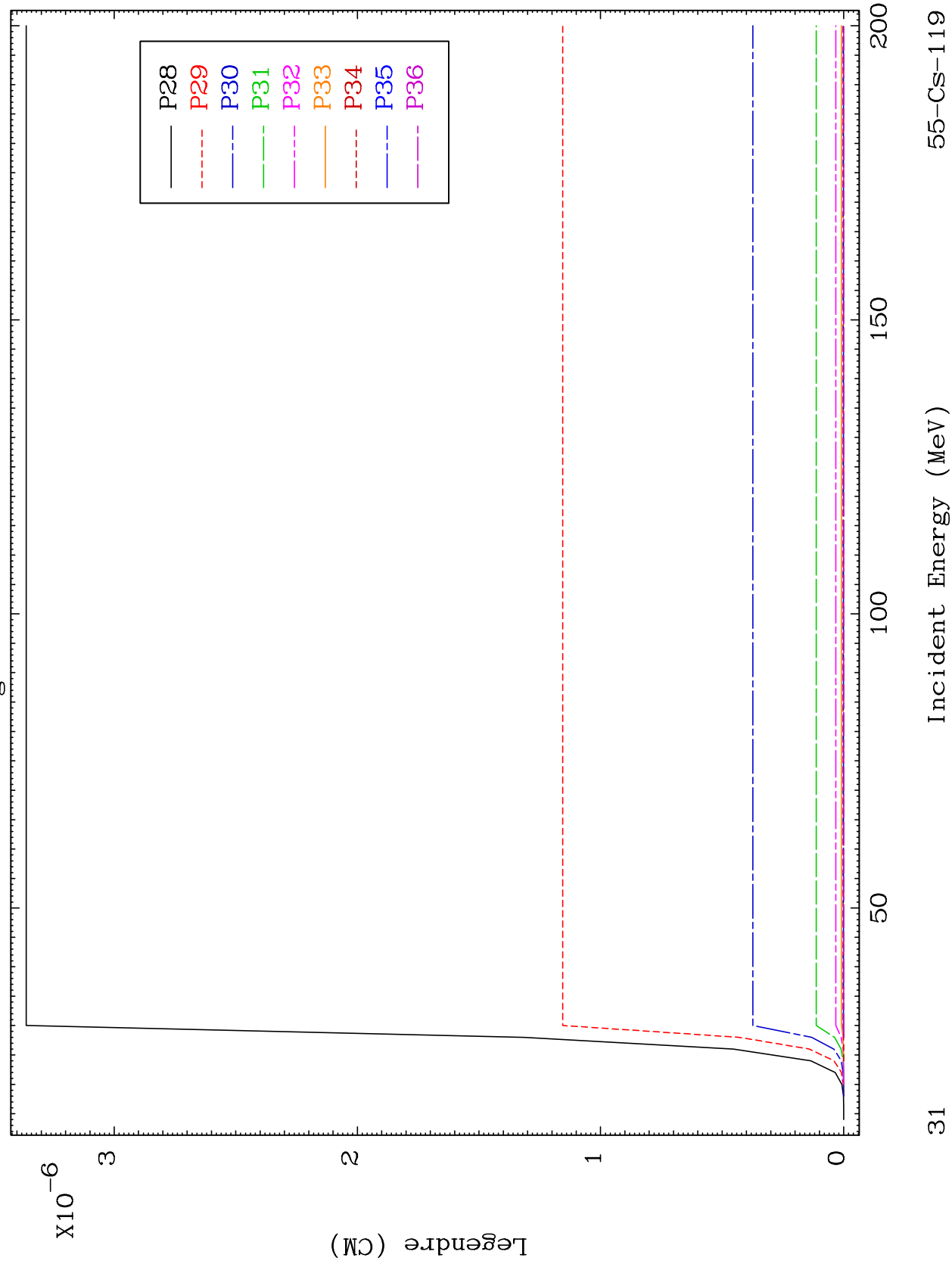
55-CS-119



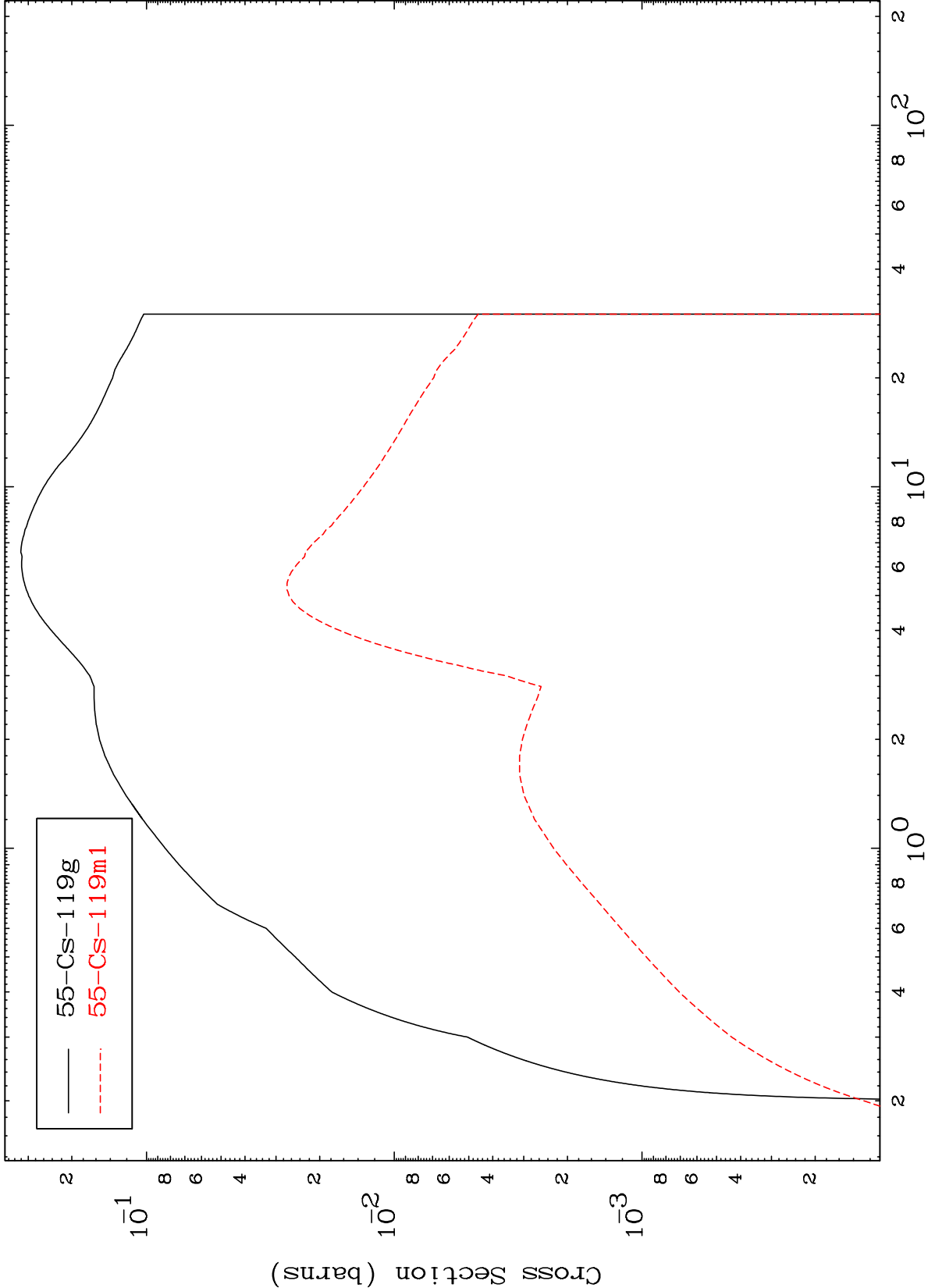
MAT 5483

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

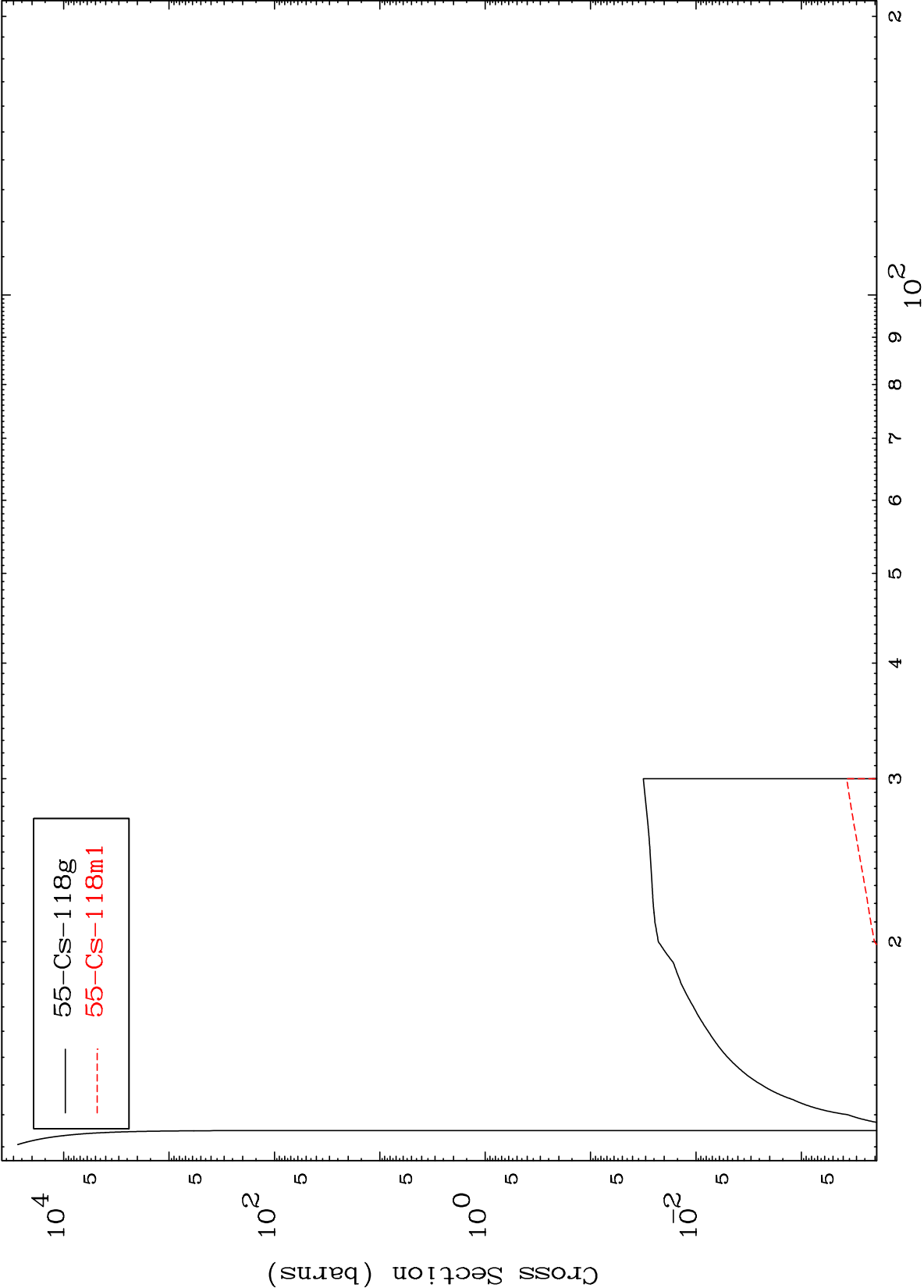
55-CS-119



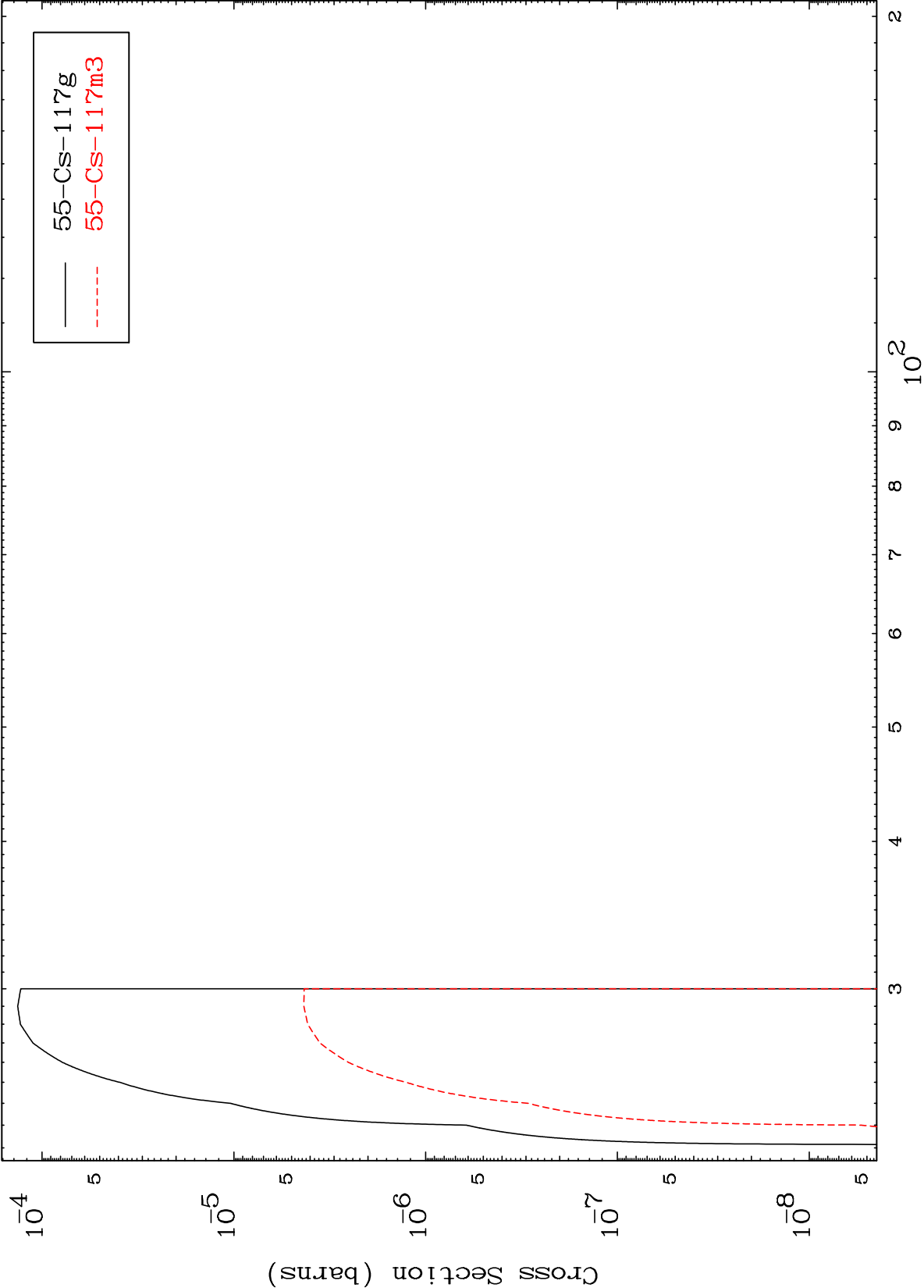
Inelastic
Radionuclide Production Cross Section



Radionuclide Production Cross Section
(n,2n)



Radionuclide Production Cross Section
(n,3n)

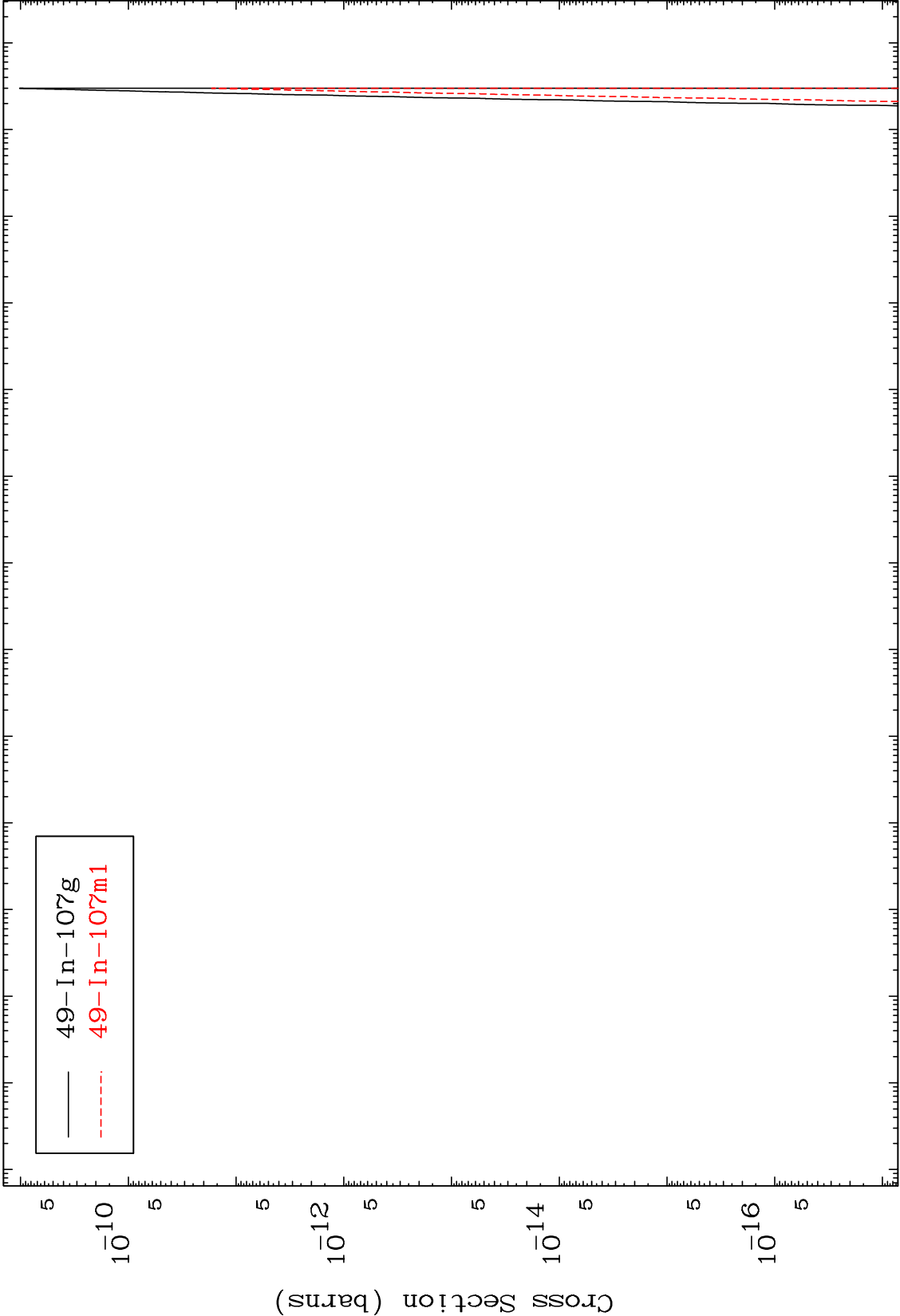
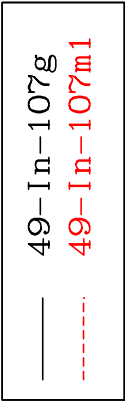


MAT 5483

(n,n') 3 α

55-Cs-119

Radionuclide Production Cross Section



35

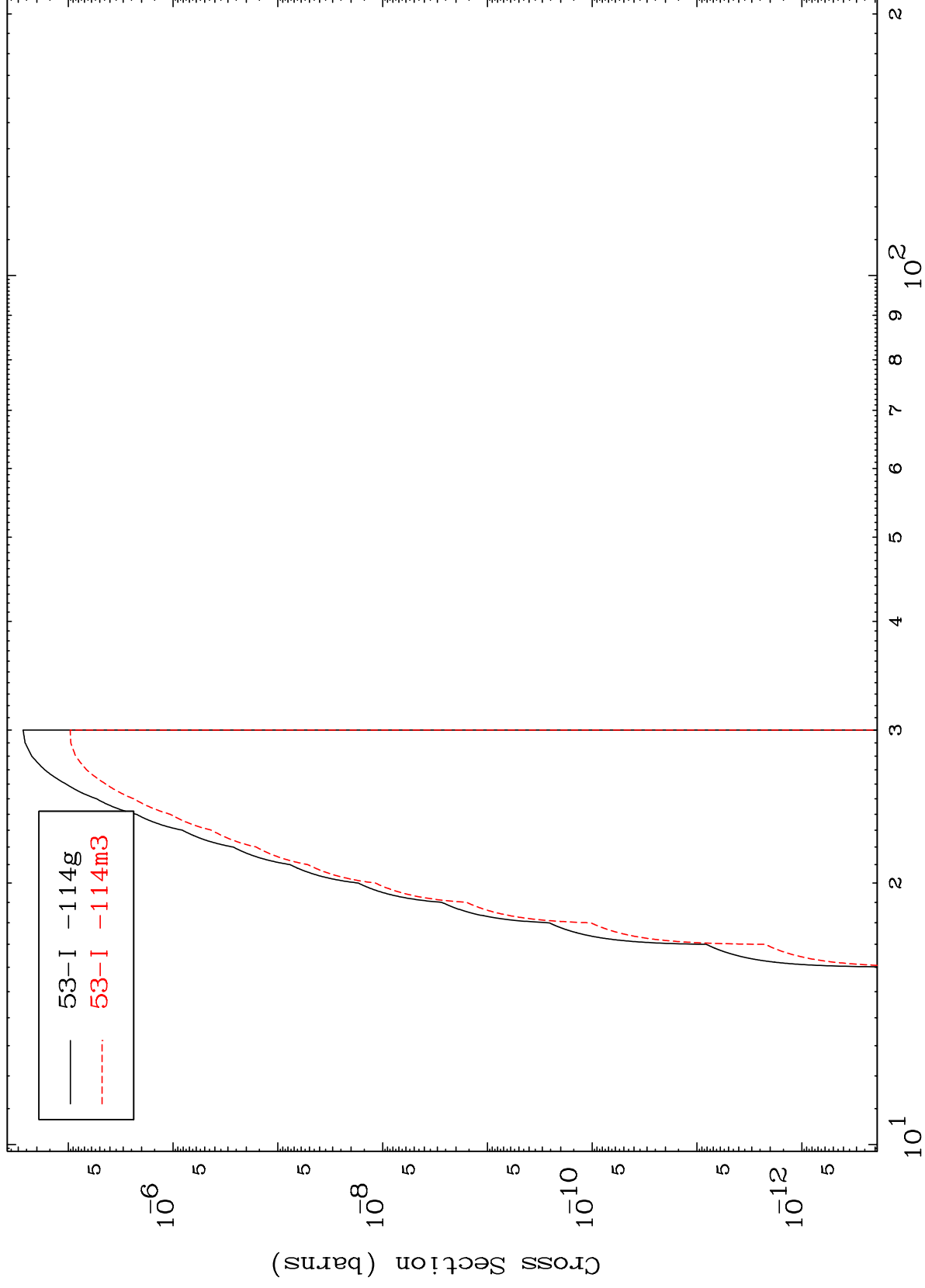
Incident Energy (MeV)

55-Cs-119

MAT 5483

55-Cs-119

(n,2n) α
Radionuclide Production Cross Section



55-Cs-119

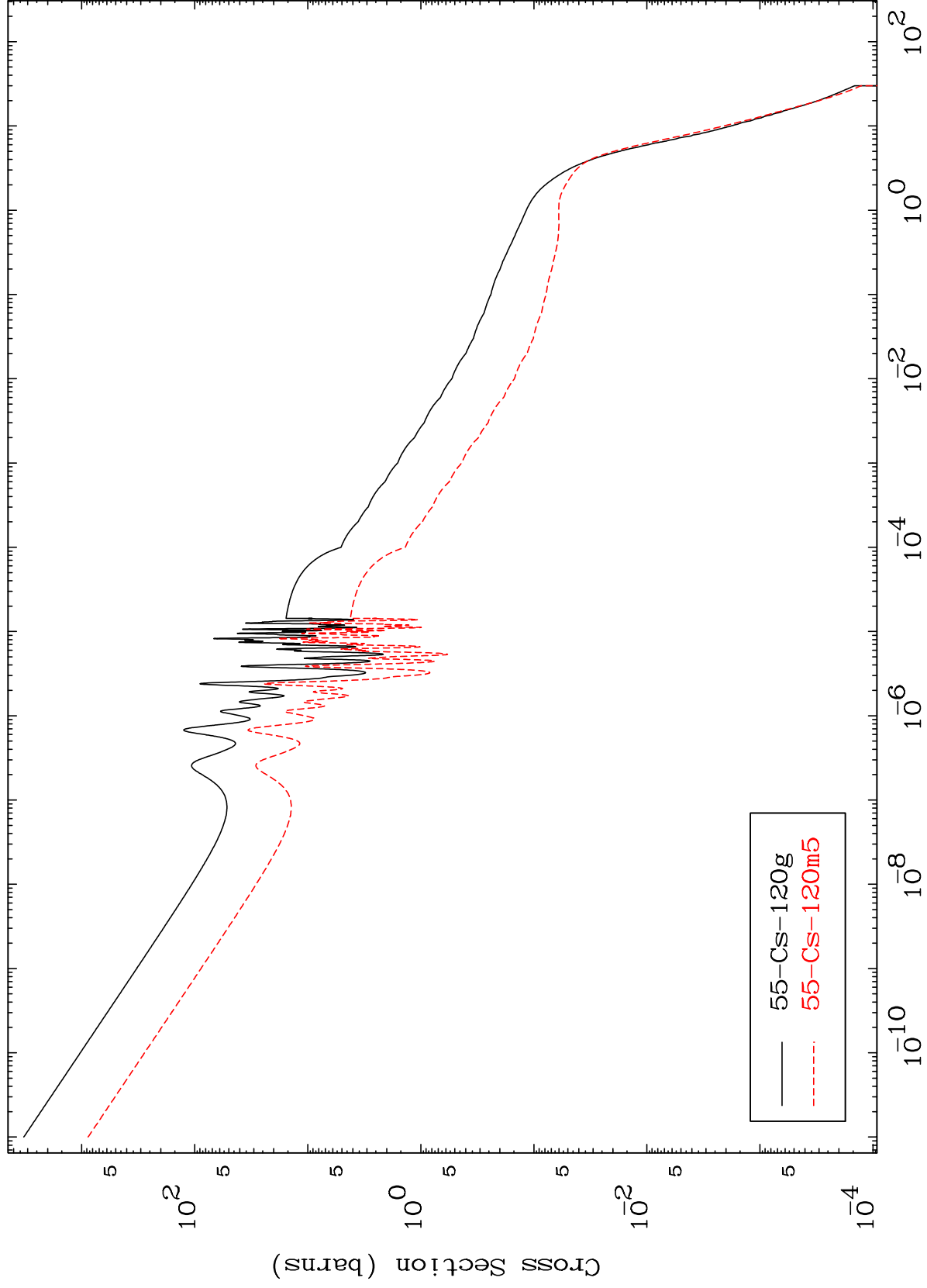
Incident Energy (MeV)

36

MAT 5483

55-Cs-119

Radionuclide Production Cross Section
(n, γ)



55-Cs-119

Incident Energy (MeV)

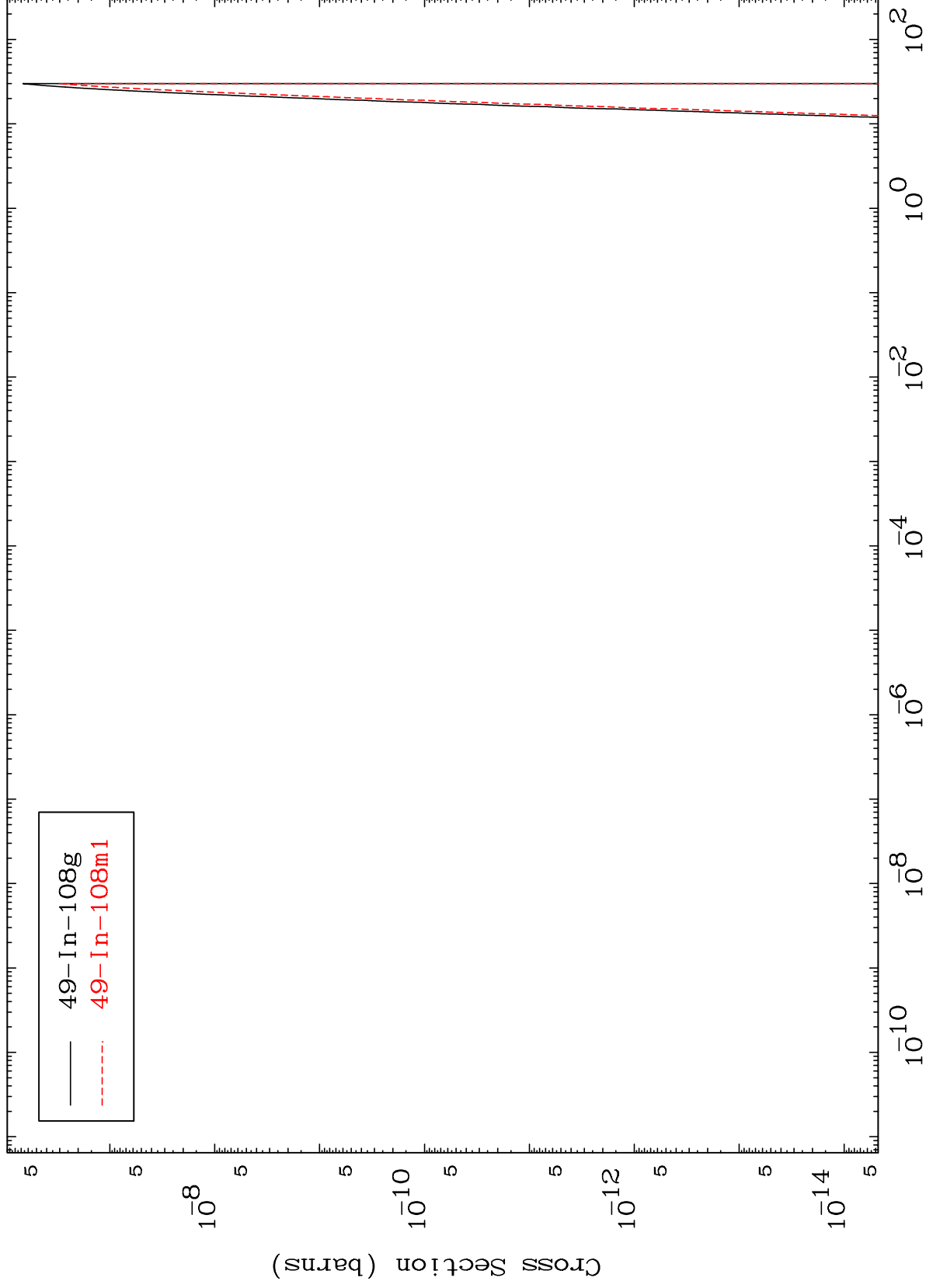
37

MAT 5483

(n,3α)

55-Cs-119

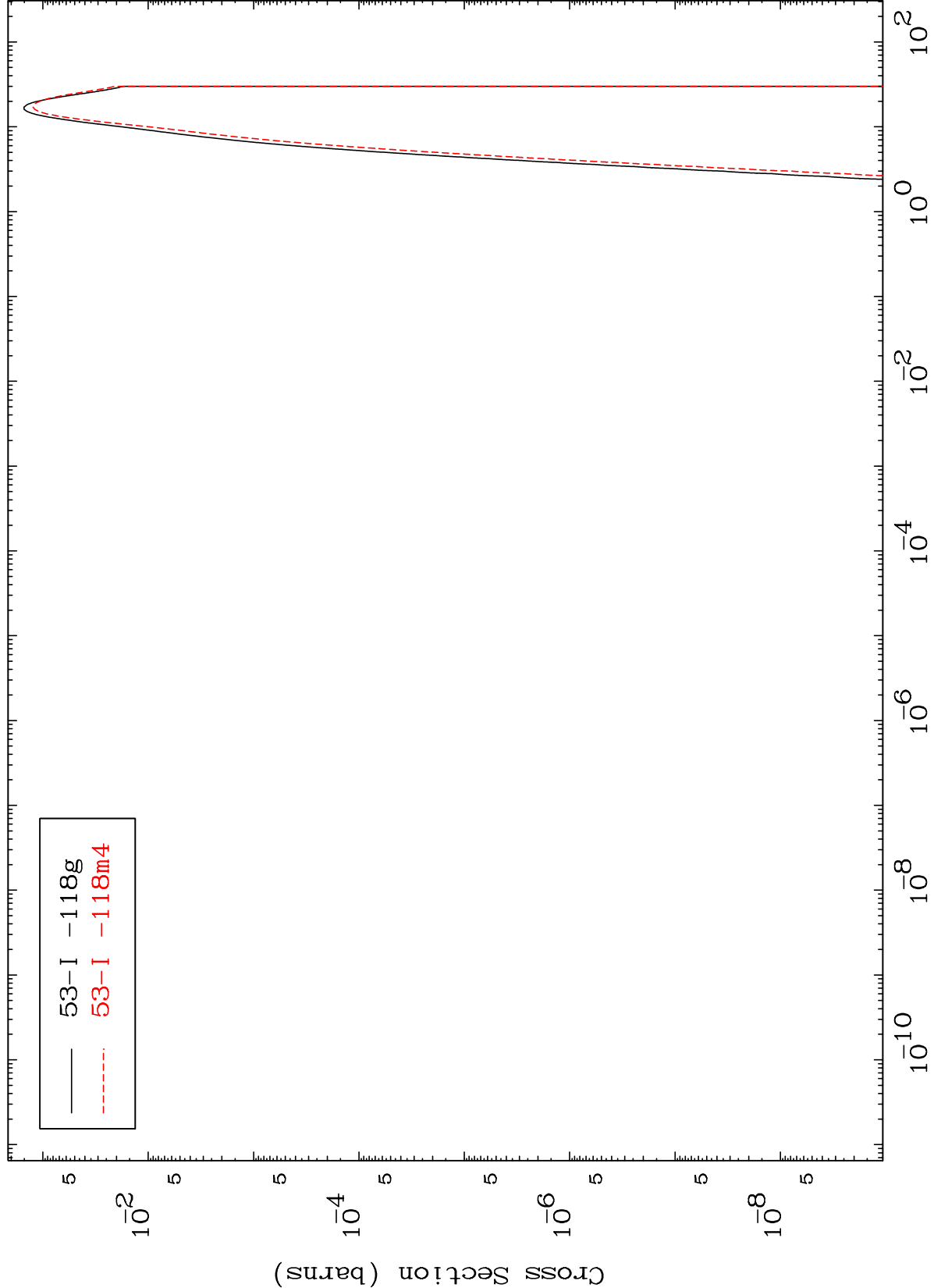
Radionuclide Production Cross Section



38

Incident Energy (MeV)

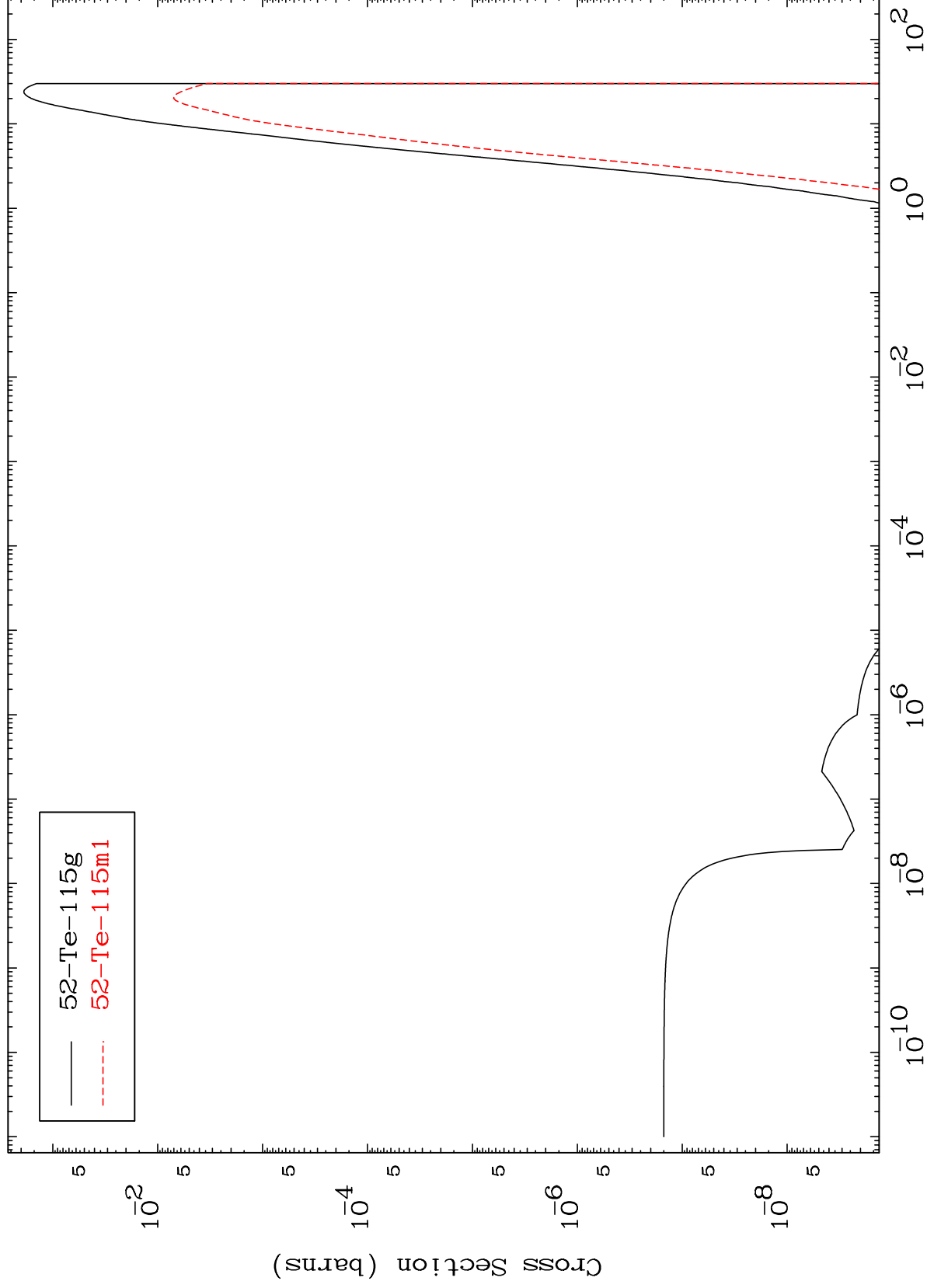
55-Cs-119



MAT 5483

55-Cs-119

(n,p) α
Radionuclide Production Cross Section



55-Cs-119

Incident Energy (MeV)

40