

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

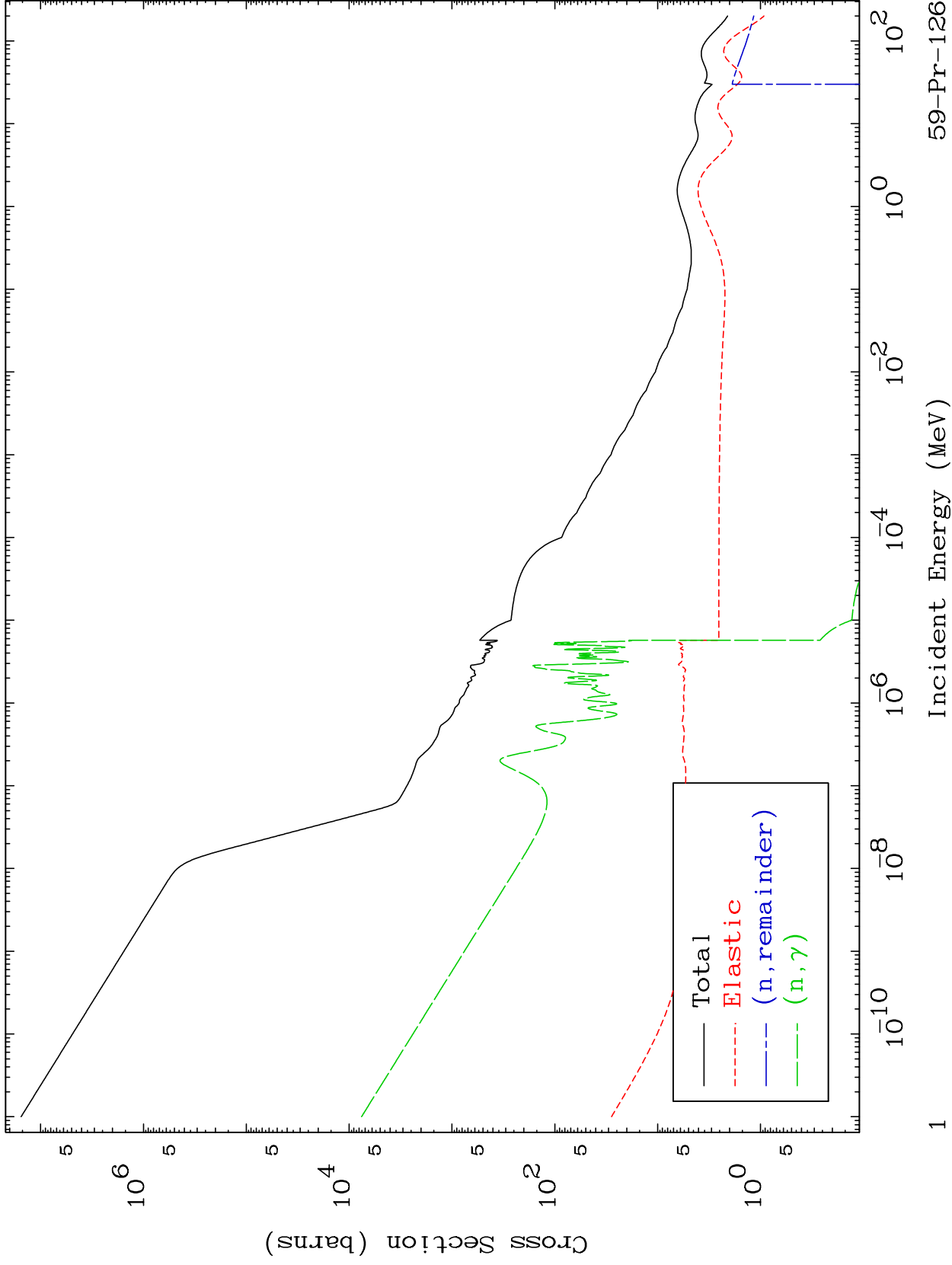
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

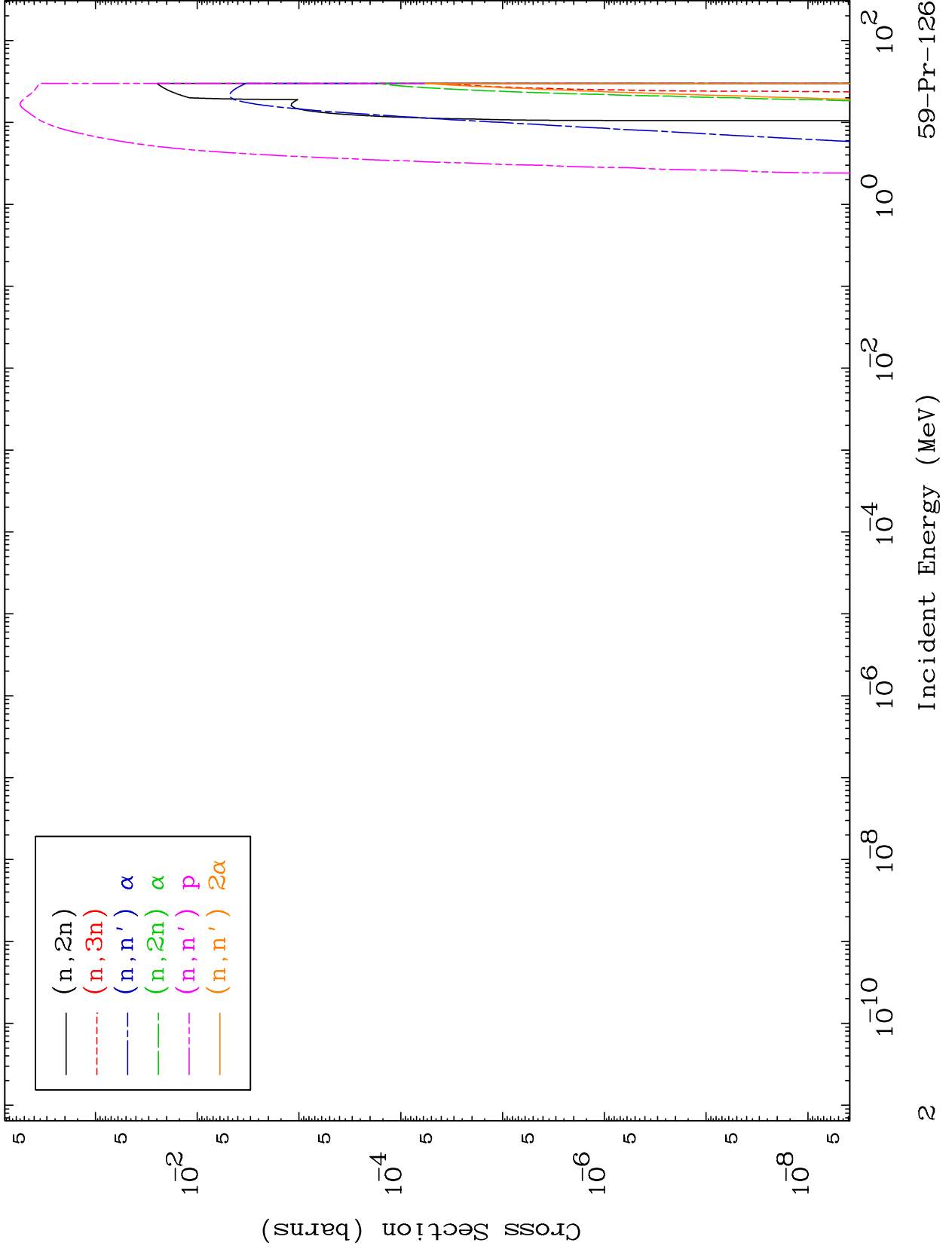
Press Mouse Button to Start

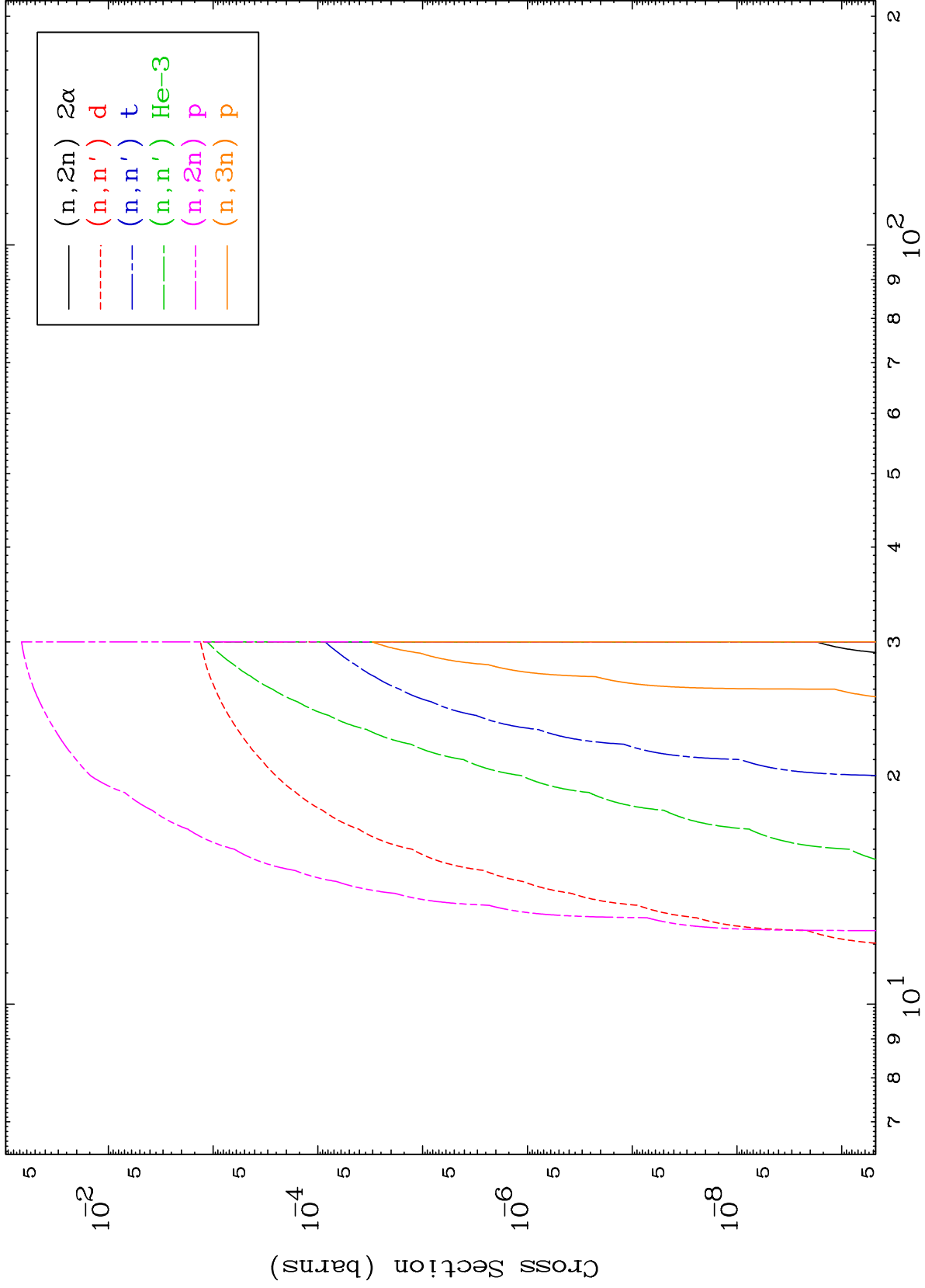


MAT 5880

Neutron Production
293 Kelvin Cross Sections

59-Pr-126

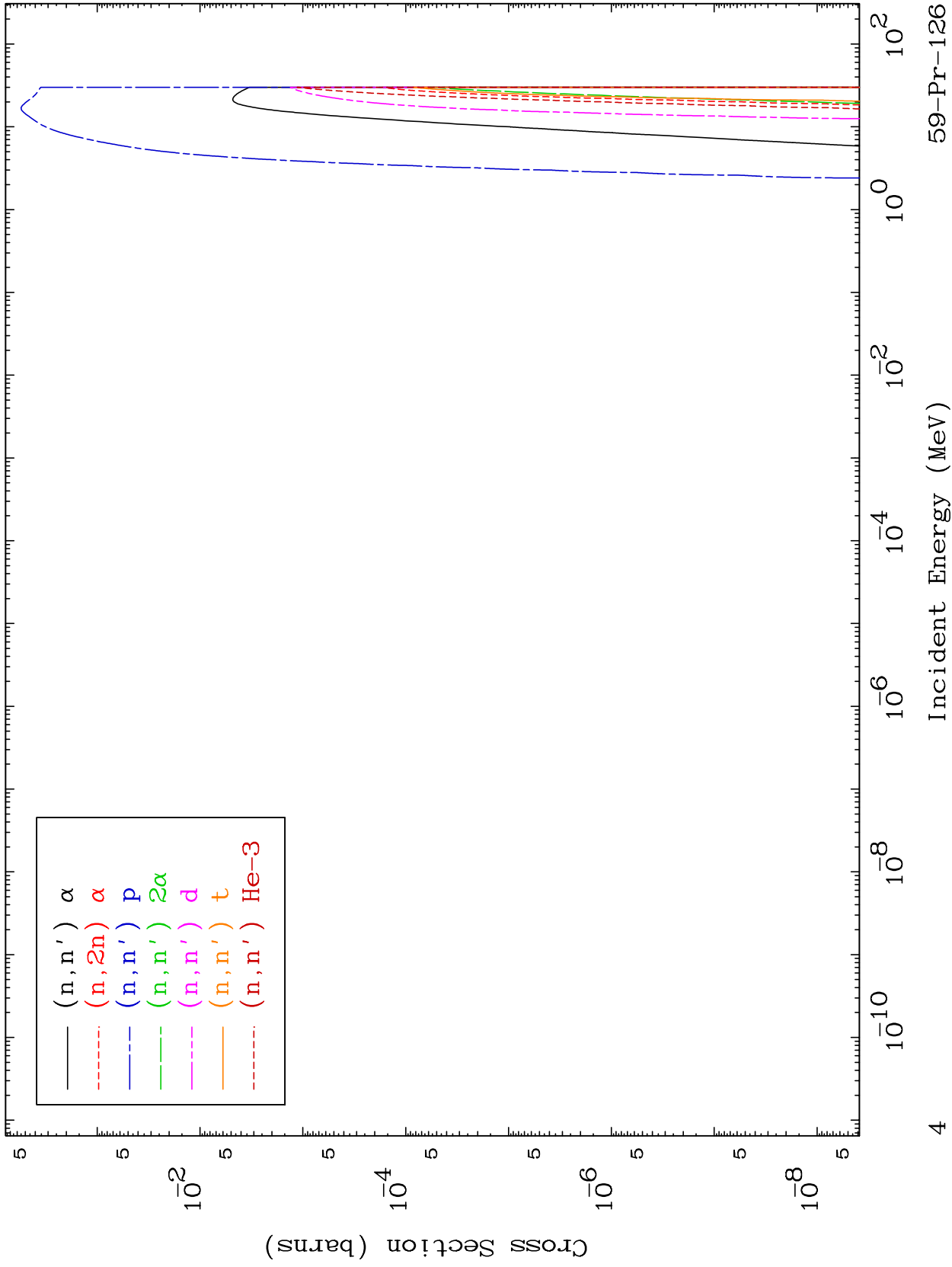


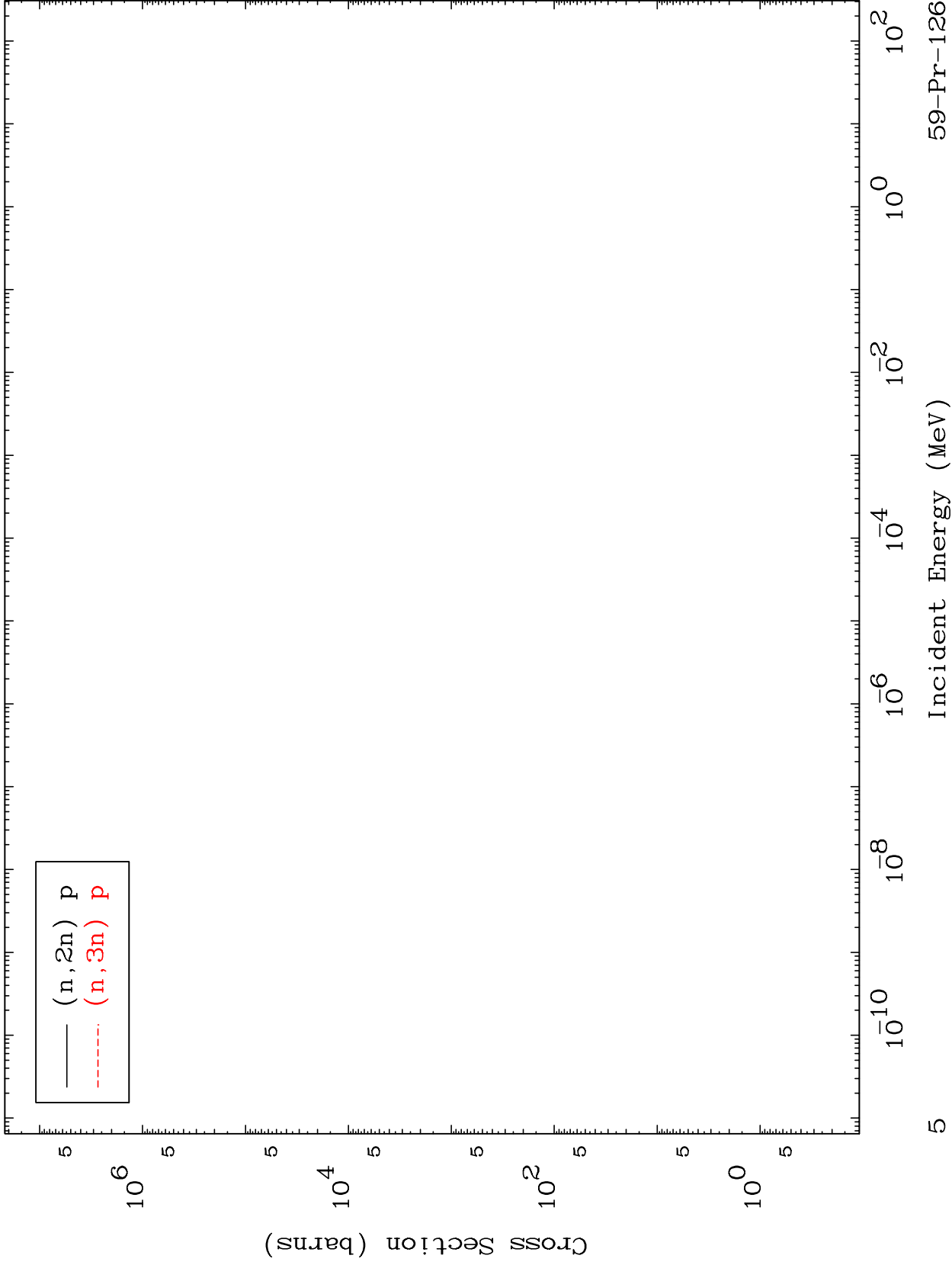


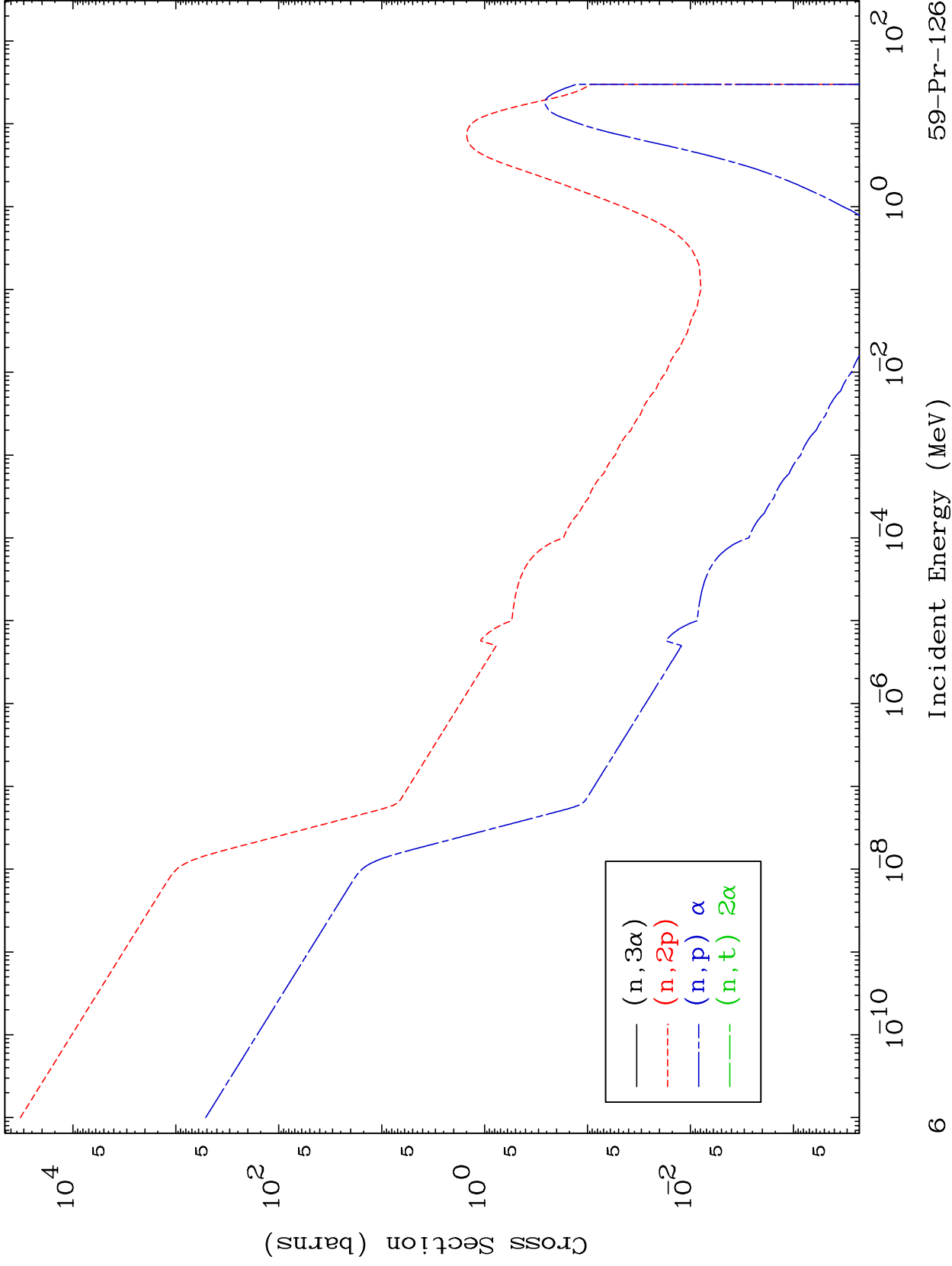
MAT 5880

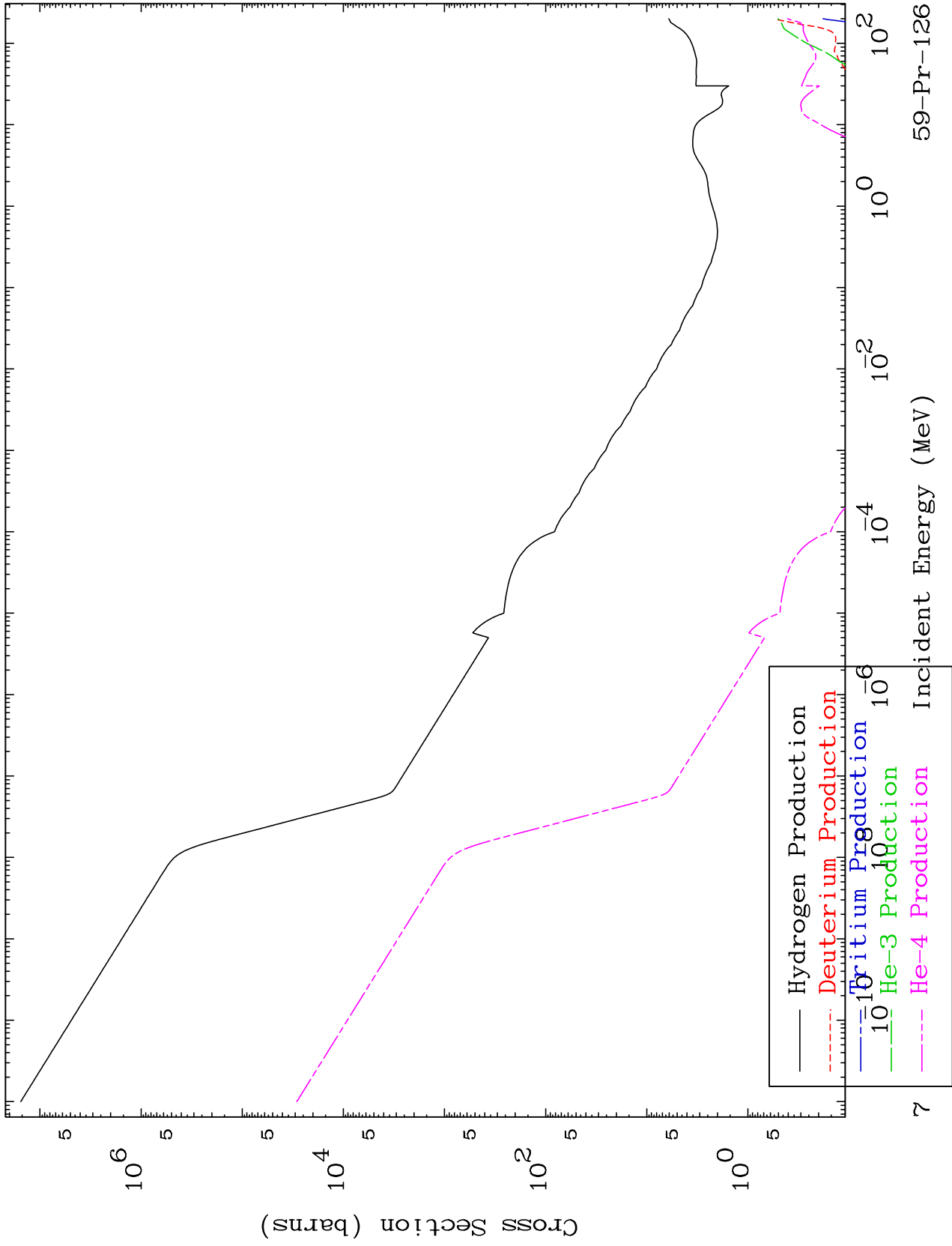
Charged Particle
293 Kelvin Cross Sections

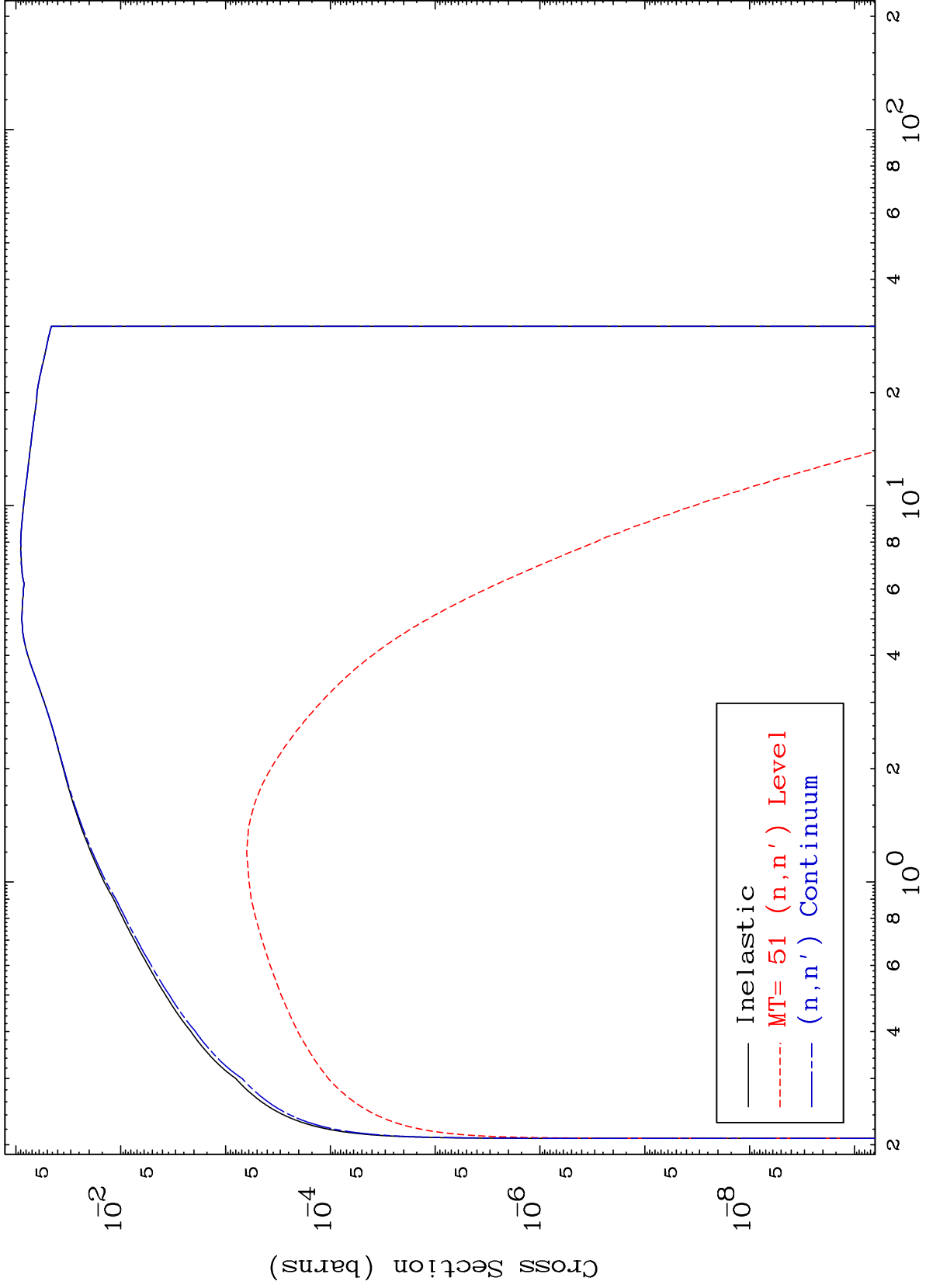
59-Pr-126







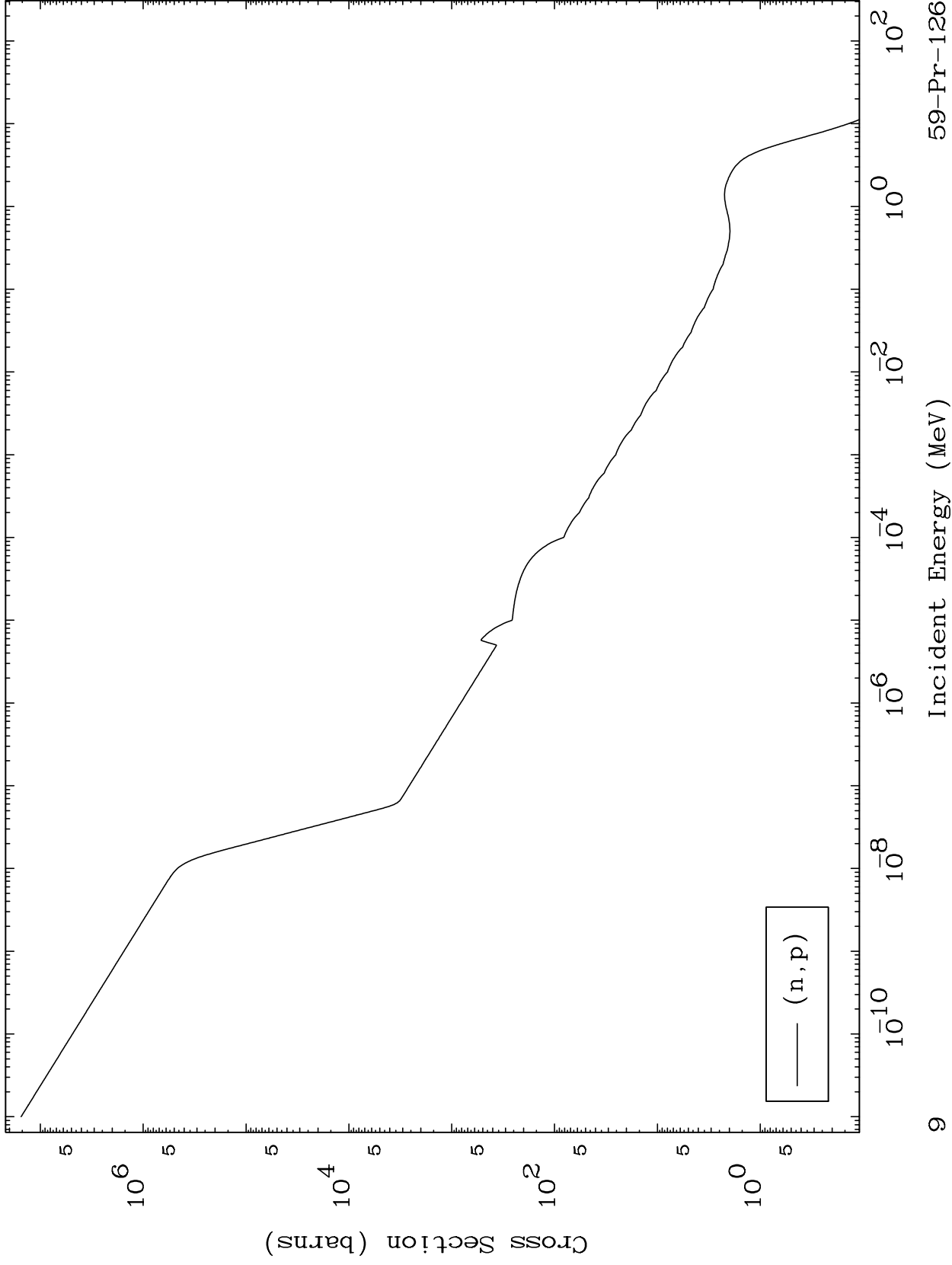




MAT 5880

(n,p) Levels
293 Kelvin Cross Sections

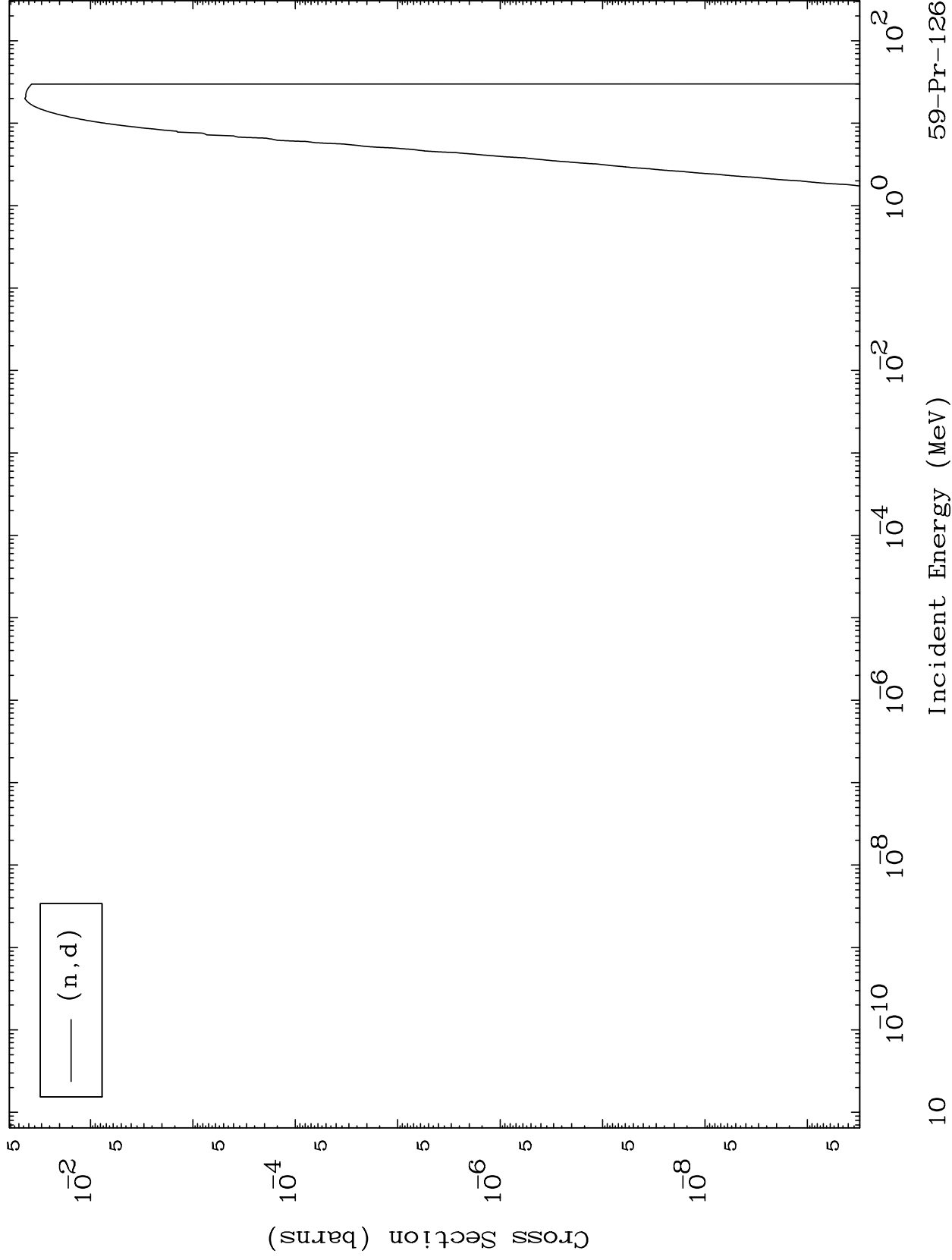
59-Pr-126



MAT 5880

(n,d) Levels
293 Kelvin Cross Sections

59-Pr-126



10

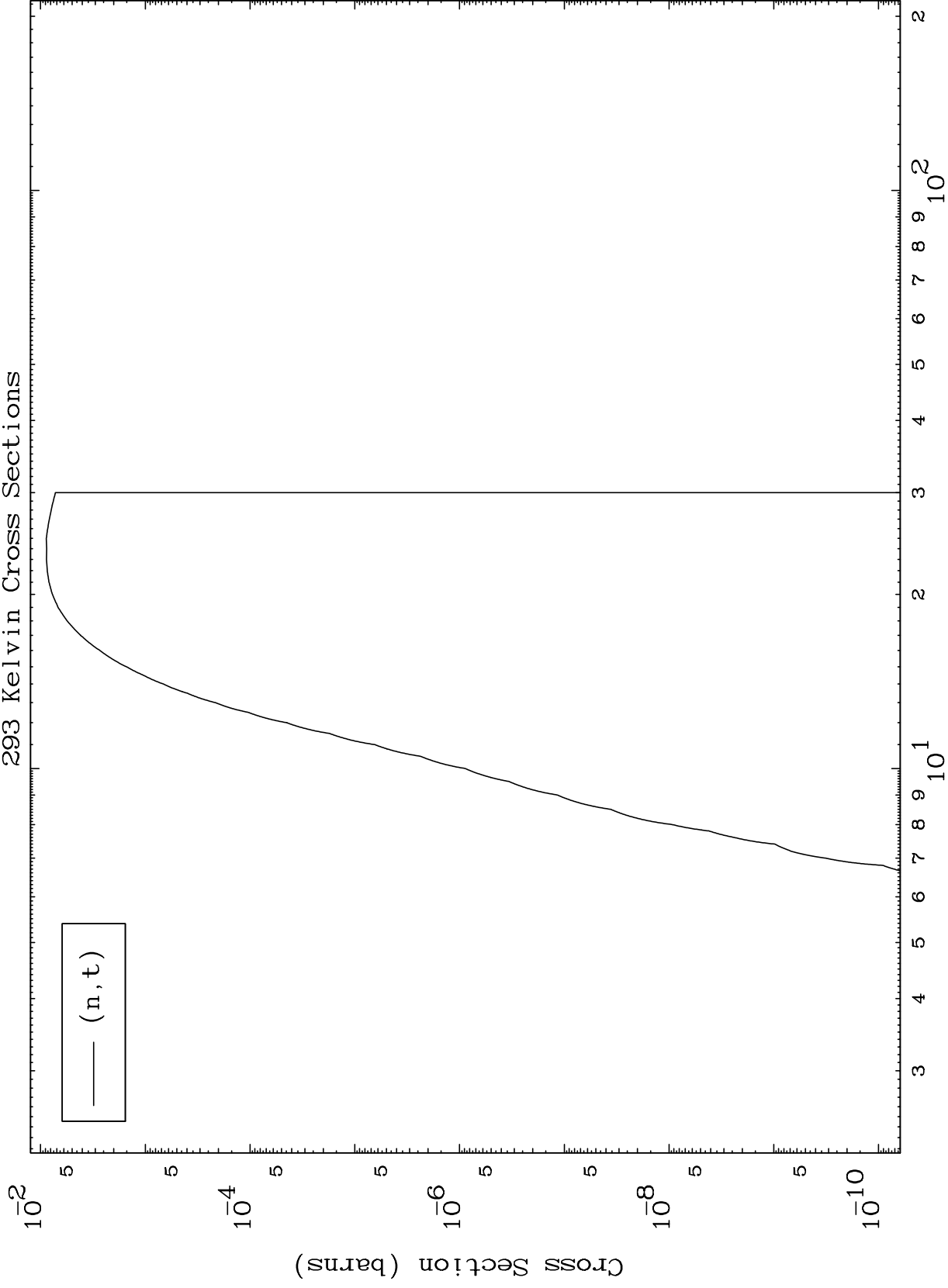
Incident Energy (MeV)

59-Pr-126

MAT 5880

(n,t) Levels
293 Kelvin Cross Sections

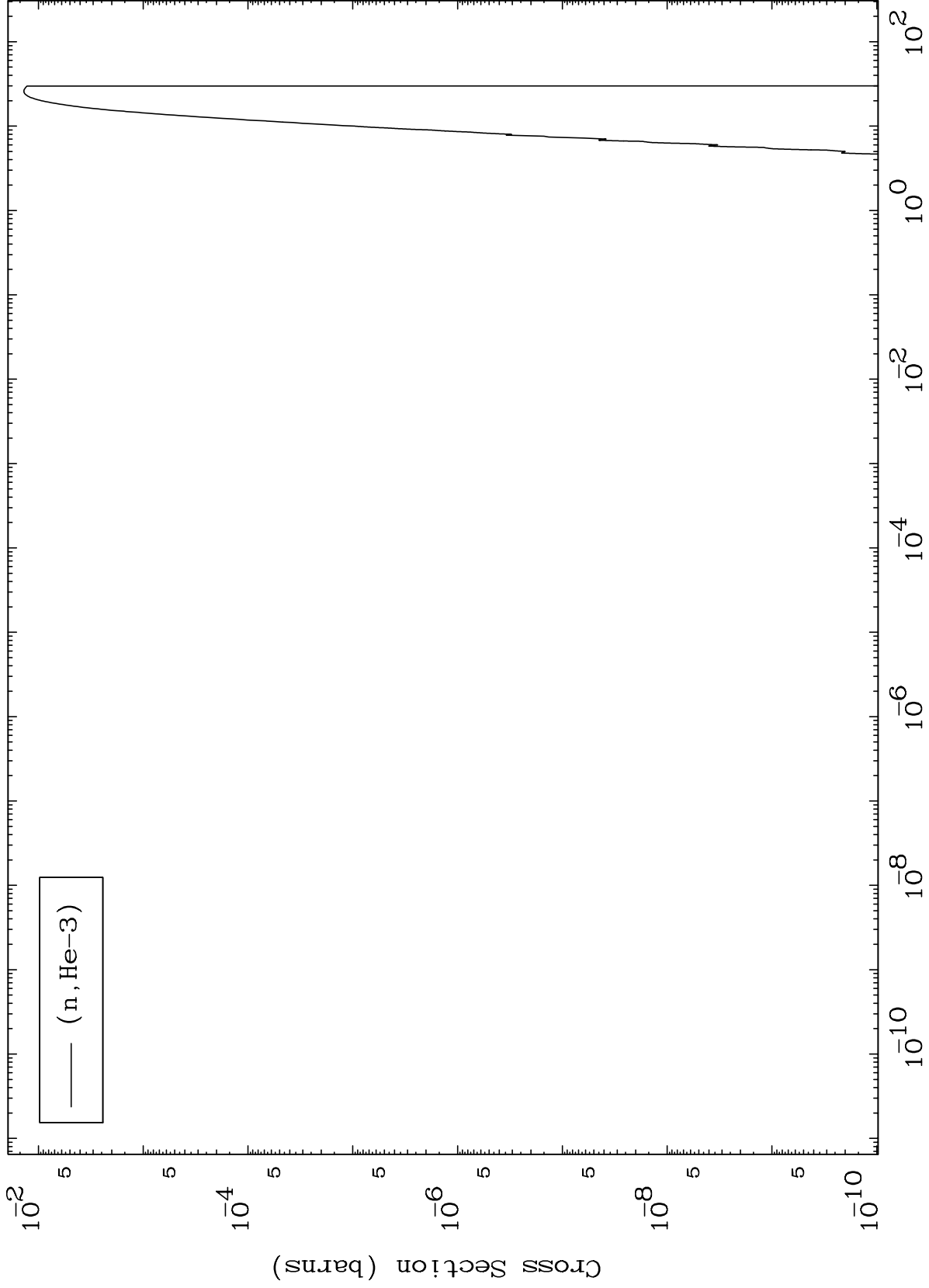
59-Pr-126



MAT 5880

(n,He3) Levels
293 Kelvin Cross Sections

59-Pr-126



12

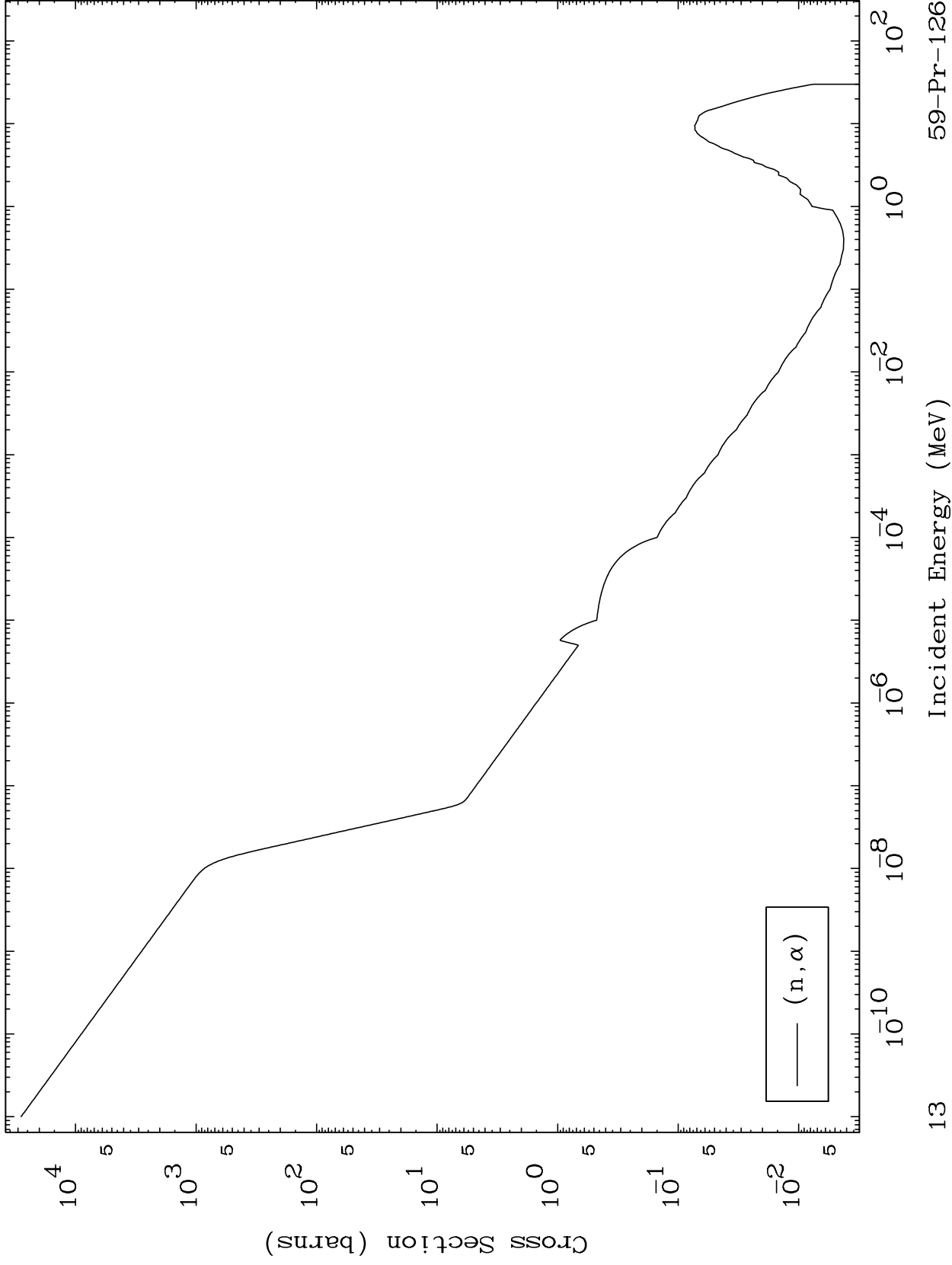
Incident Energy (MeV)

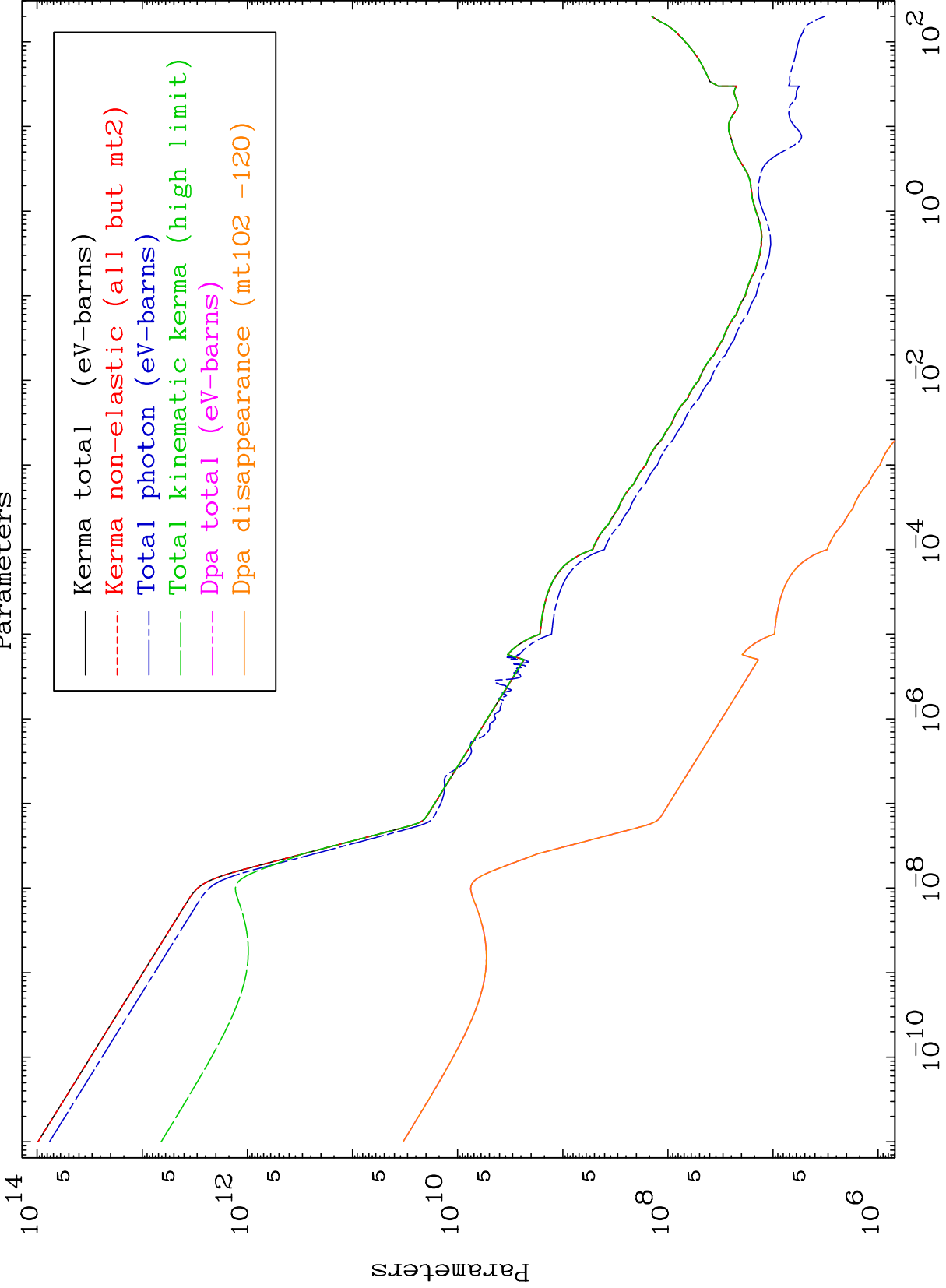
59-Pr-126

MAT 5880

(n,α) Levels
293 Kelvin Cross Sections

59-Pr-126

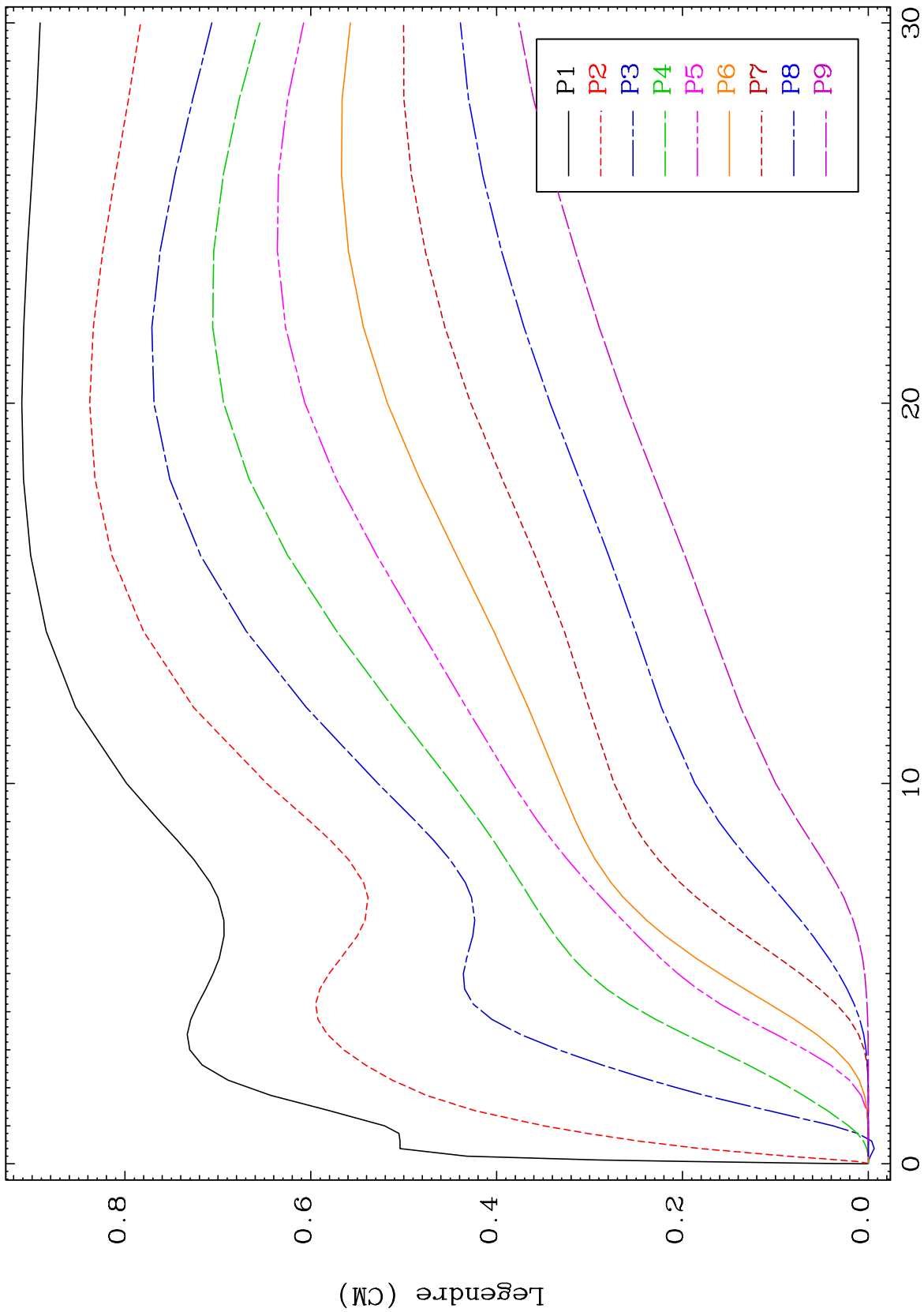




MAT 5880

Elastic Legendre Coefficients

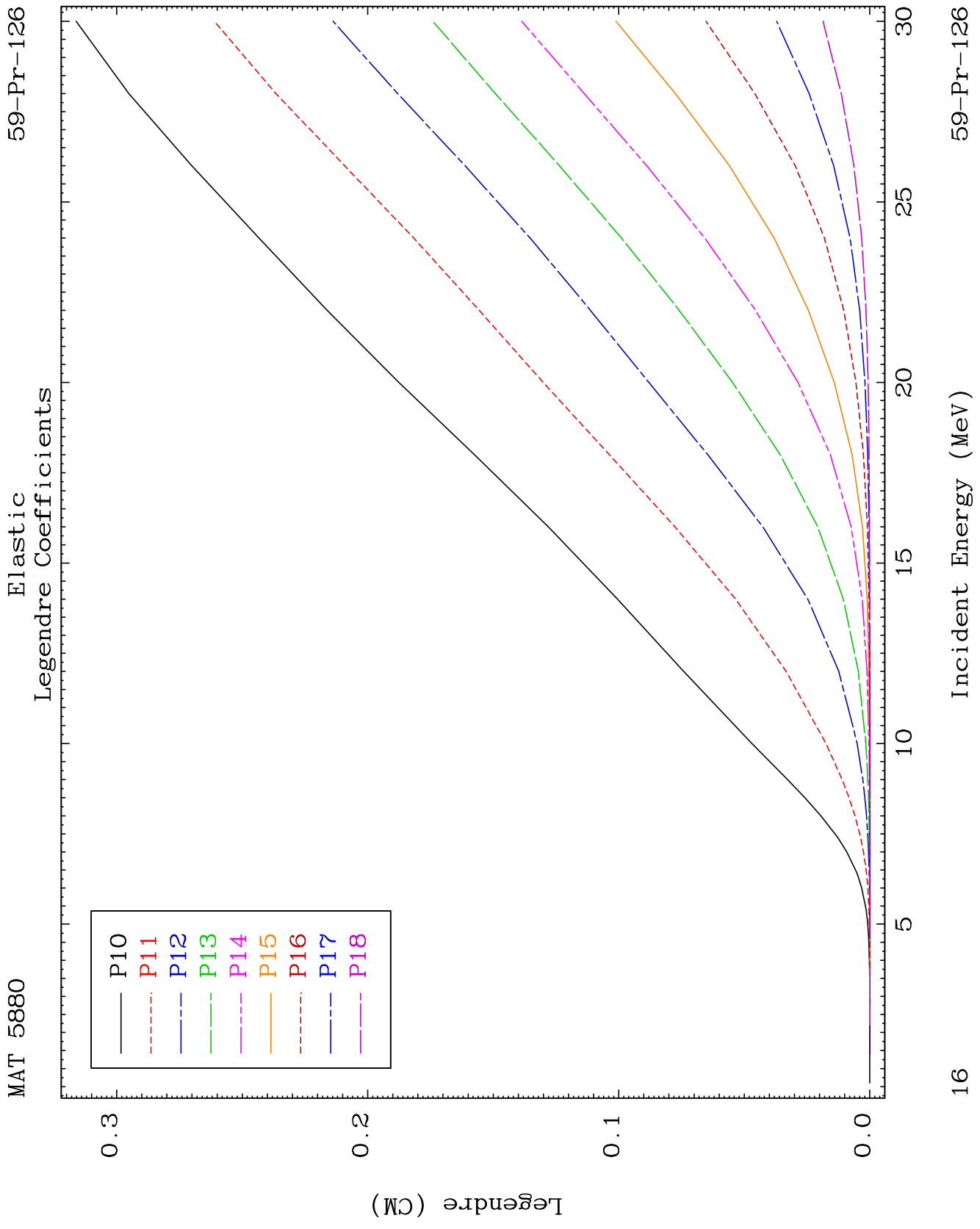
59-Pr-126



15

Incident Energy (MeV)

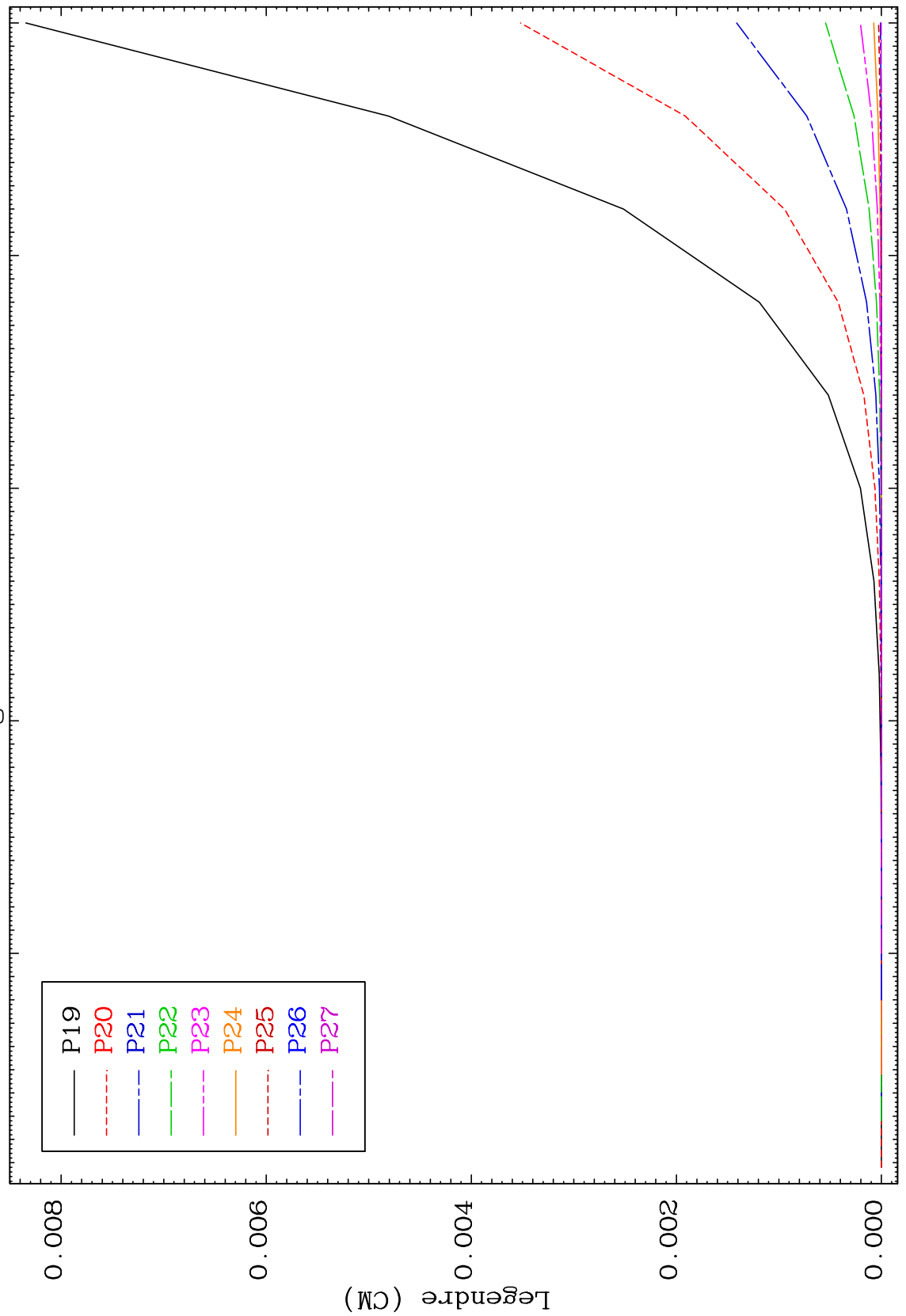
59-Pr-126



MAT 5880

Elastic Legendre Coefficients

59-Pr-126



17

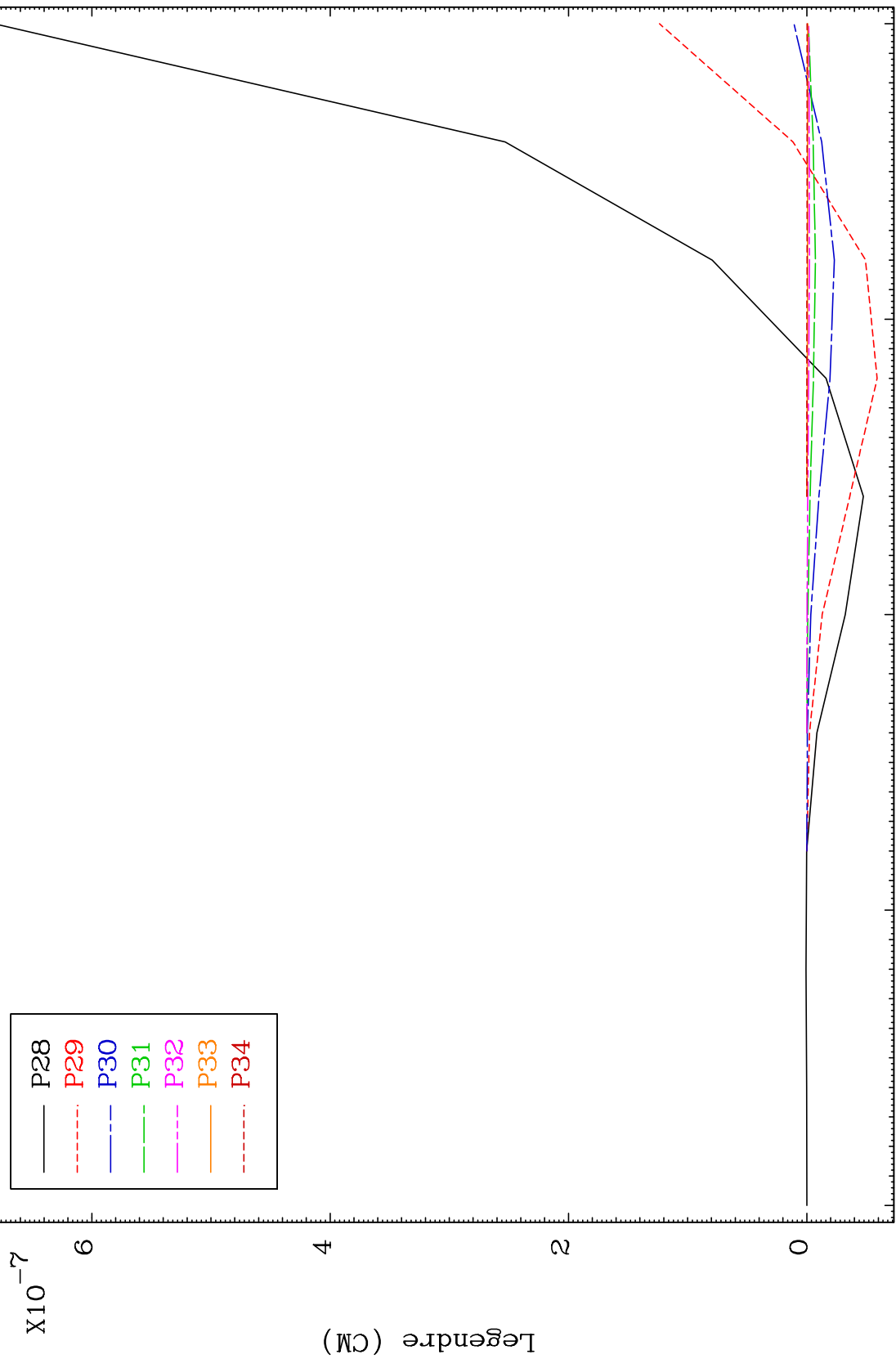
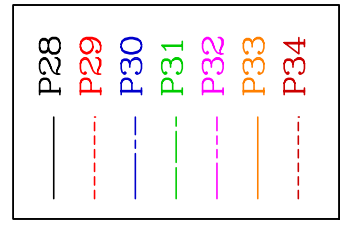
Incident Energy (MeV)

59-Pr-126

MAT 5880

Elastic Legendre Coefficients

59-Pr-126



18

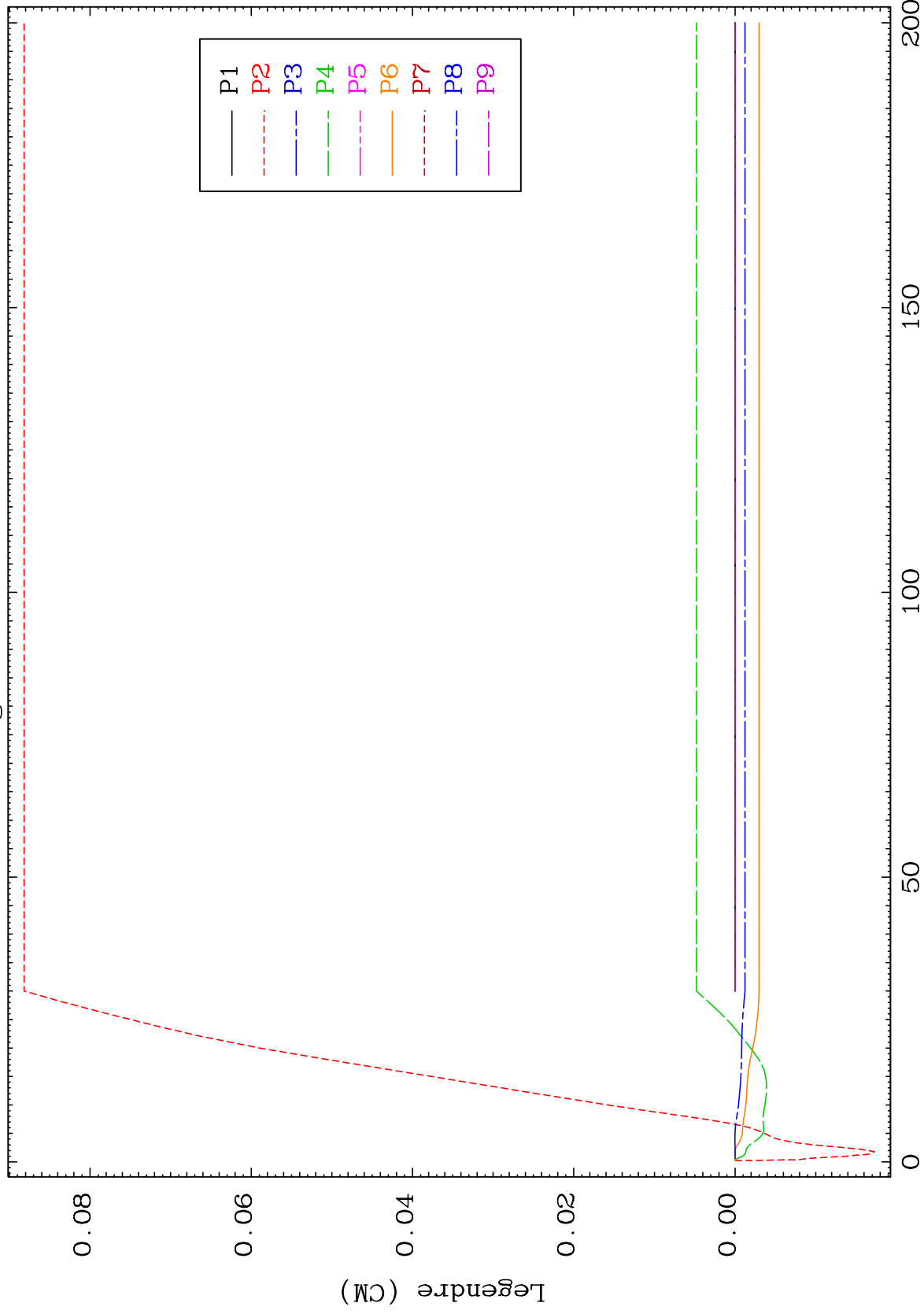
Incident Energy (MeV)

59-Pr-126

MAT 5880

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

59-Pr-126



19

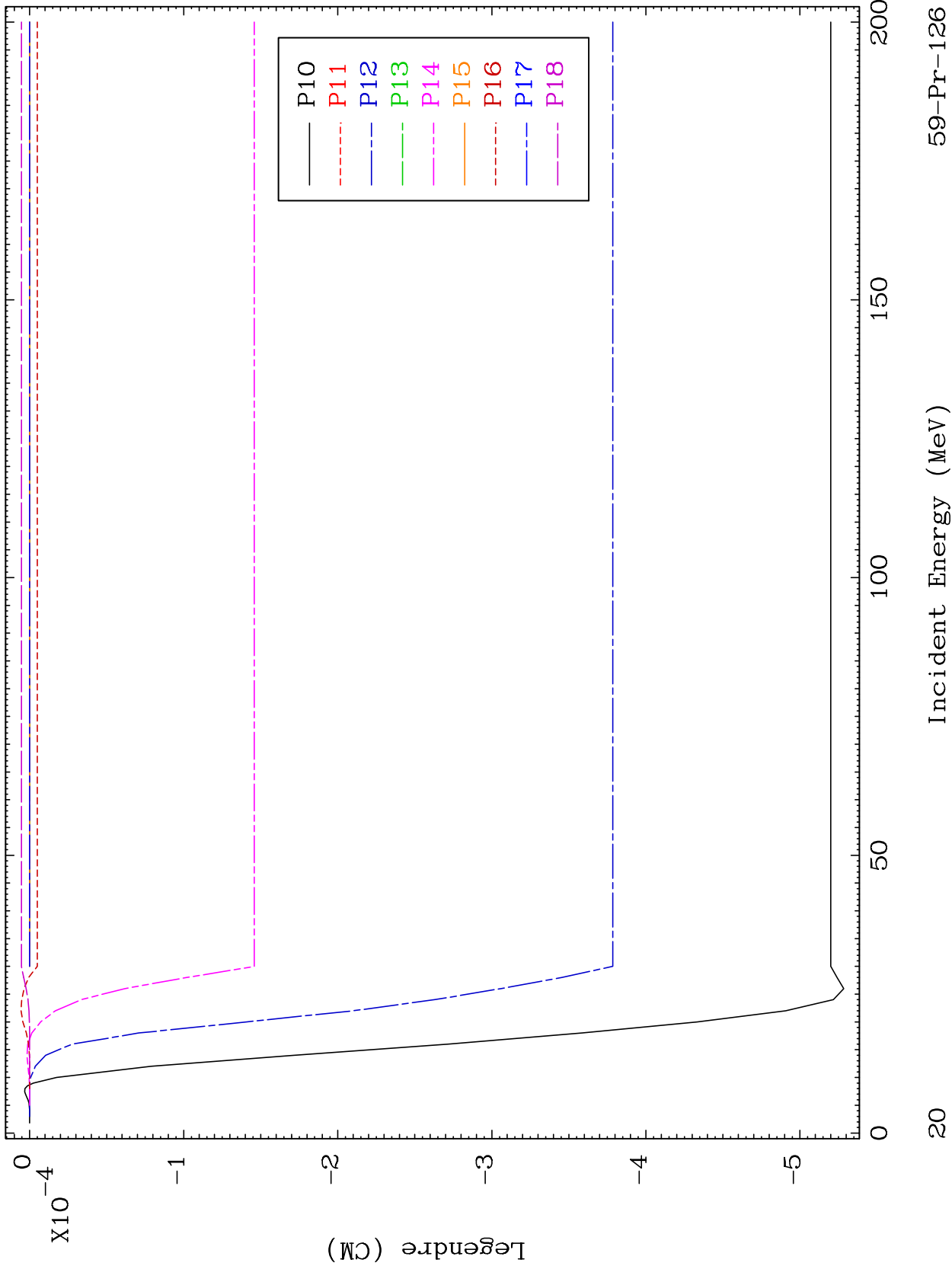
Incident Energy (MeV)

59-Pr-126

MAT 5880

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

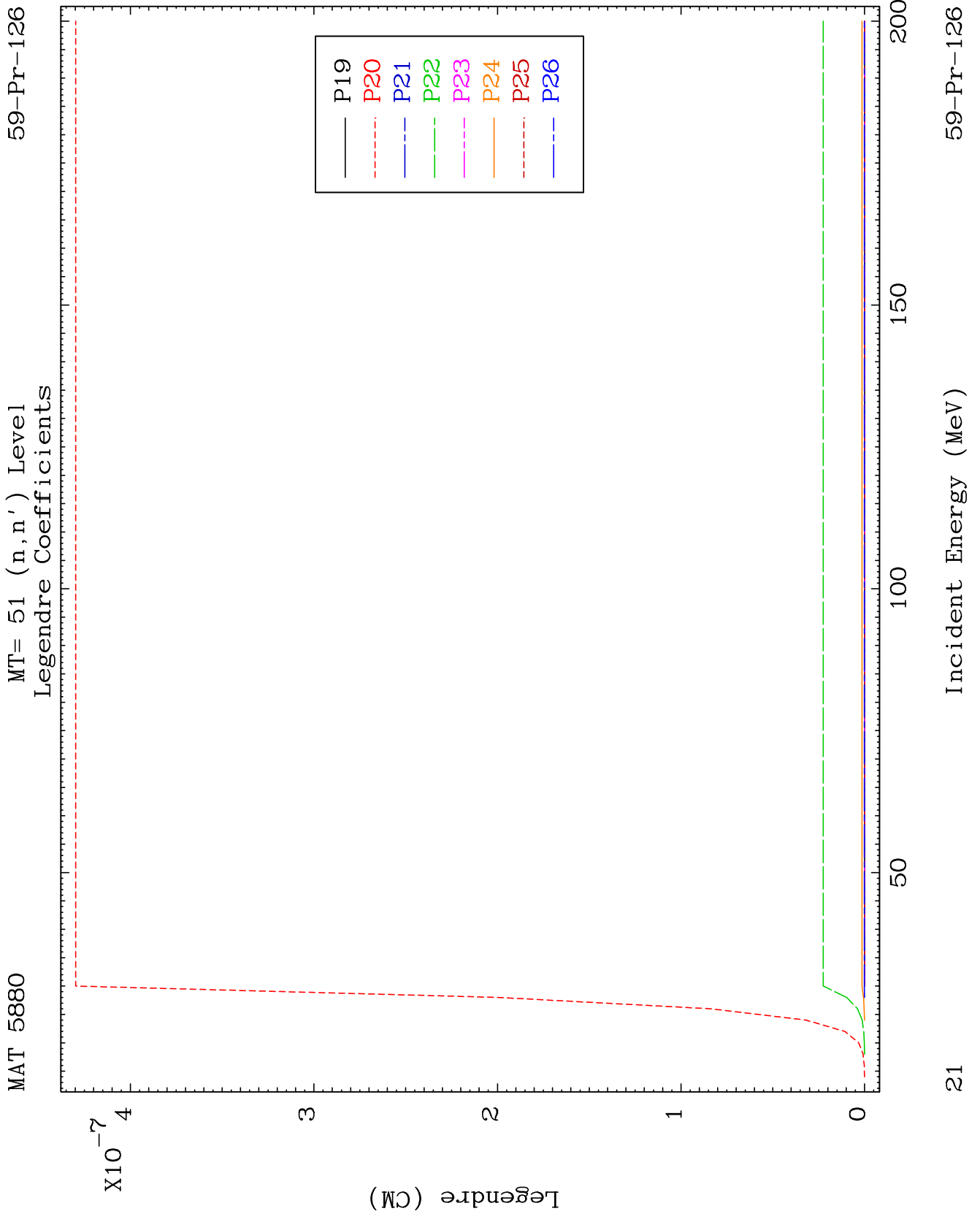
59-Pr-126



59-Pr-126

Incident Energy (MeV)

20

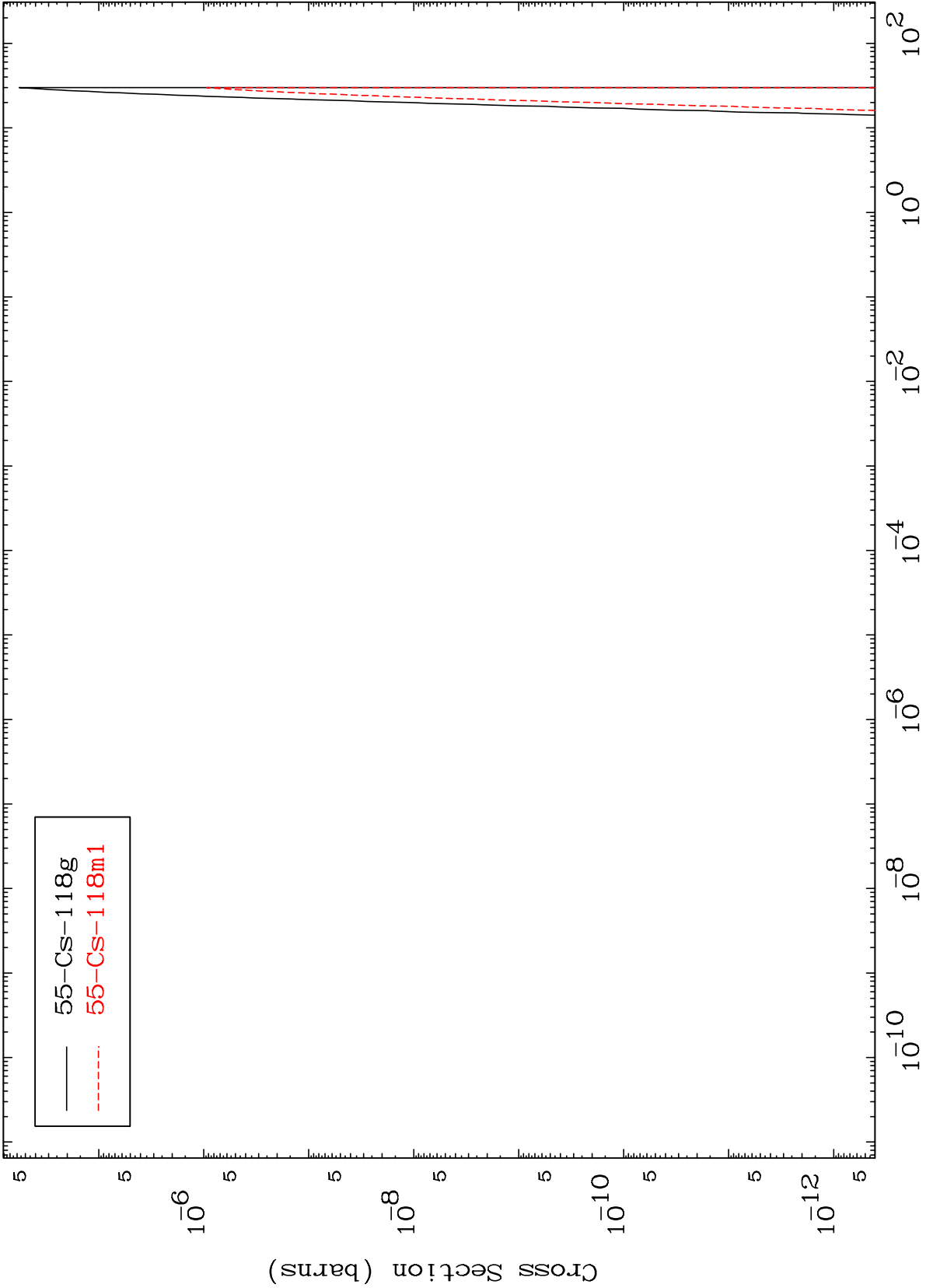


MAT 5880

(n,n') 2α

59-Pr-126

Radionuclide Production Cross Section



22

Incident Energy (MeV)

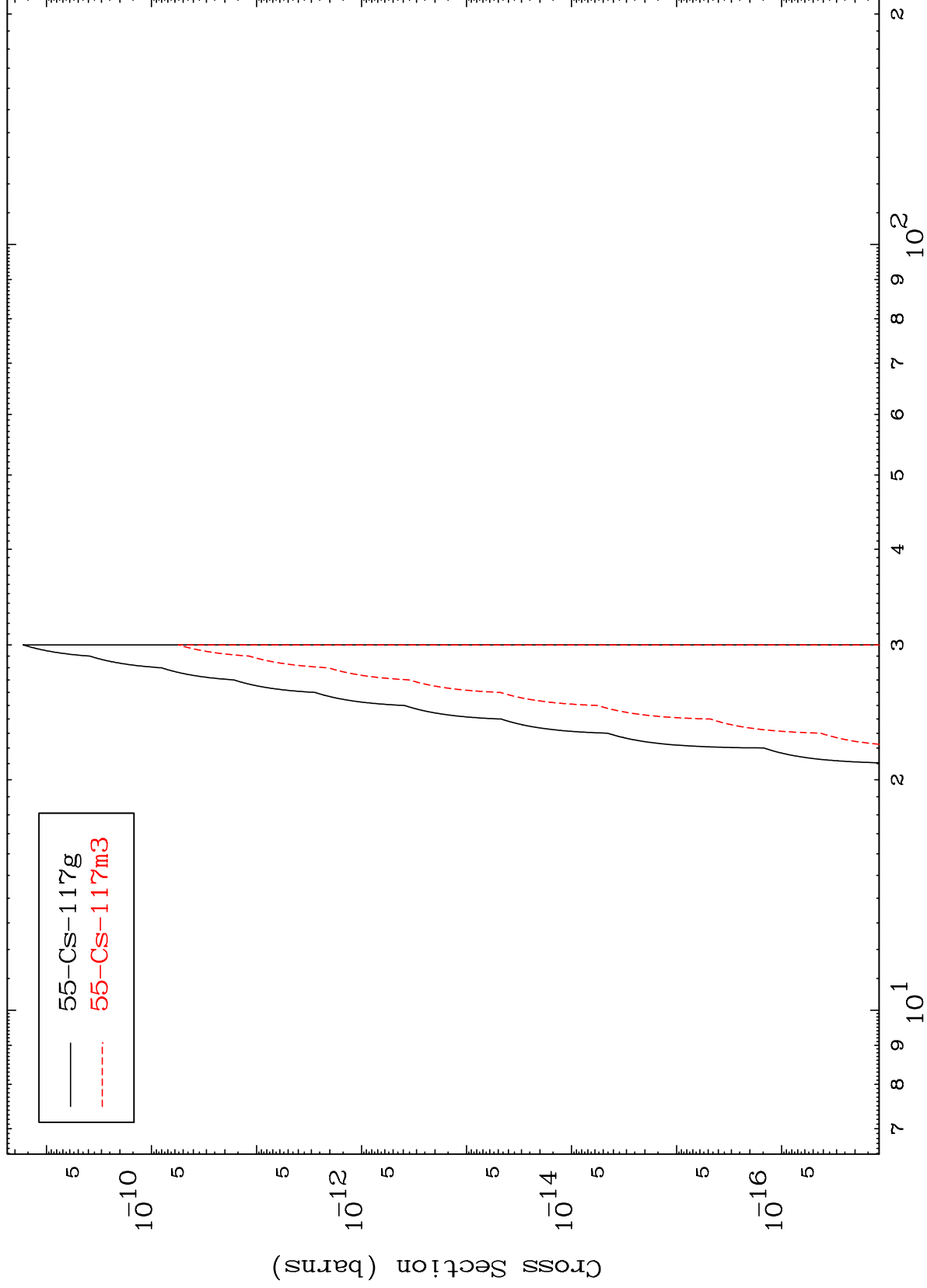
59-Pr-126

MAT 5880

$^{59}\text{Pr-126}$

$(n,2n) 2\alpha$

Radionuclide Production Cross Section



23

Incident Energy (MeV)

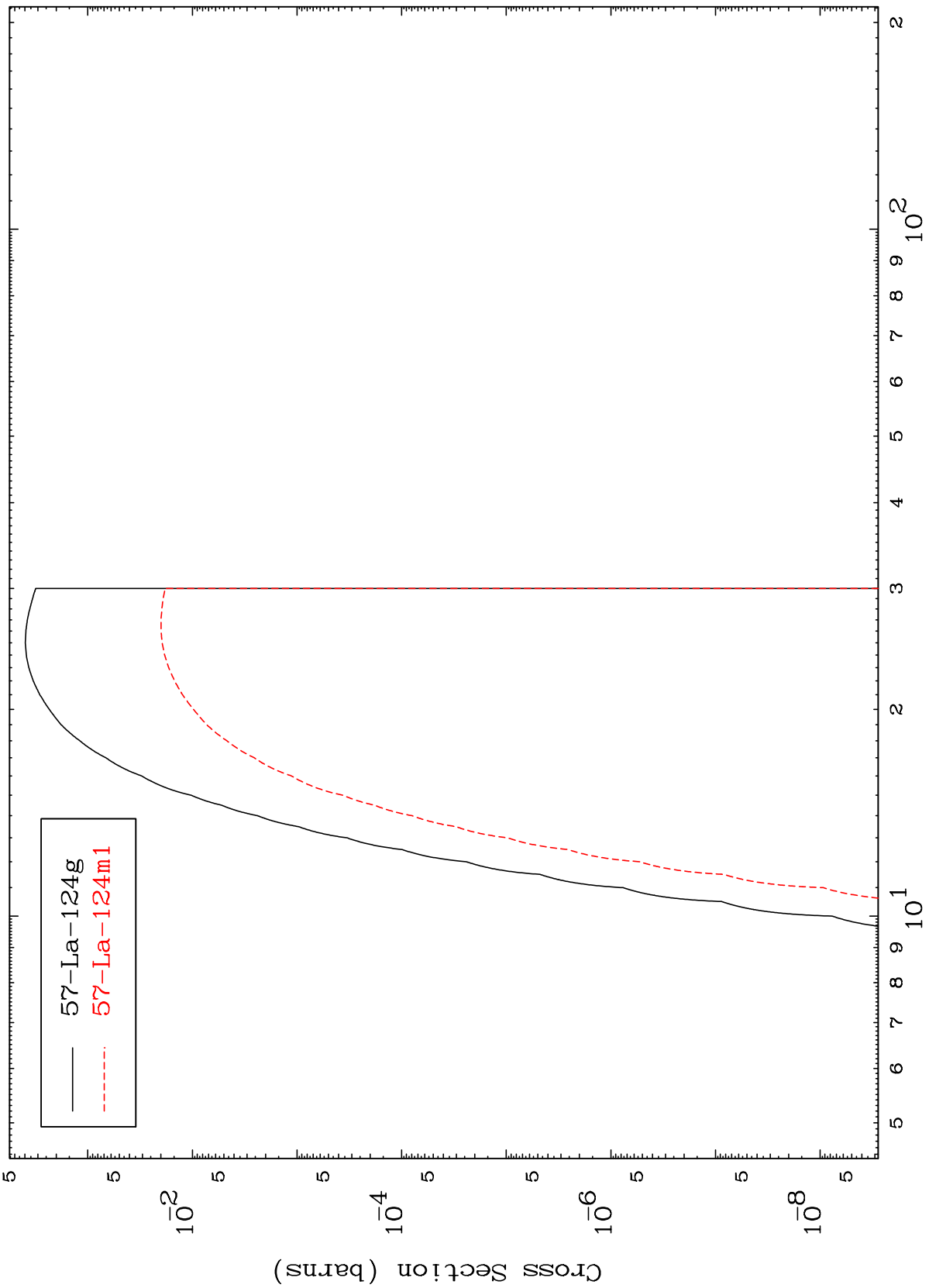
$^{59}\text{Pr-126}$

MAT 5880

(n,2n) p

59-Pr-126

Radionuclide Production Cross Section



24

Incident Energy (MeV)

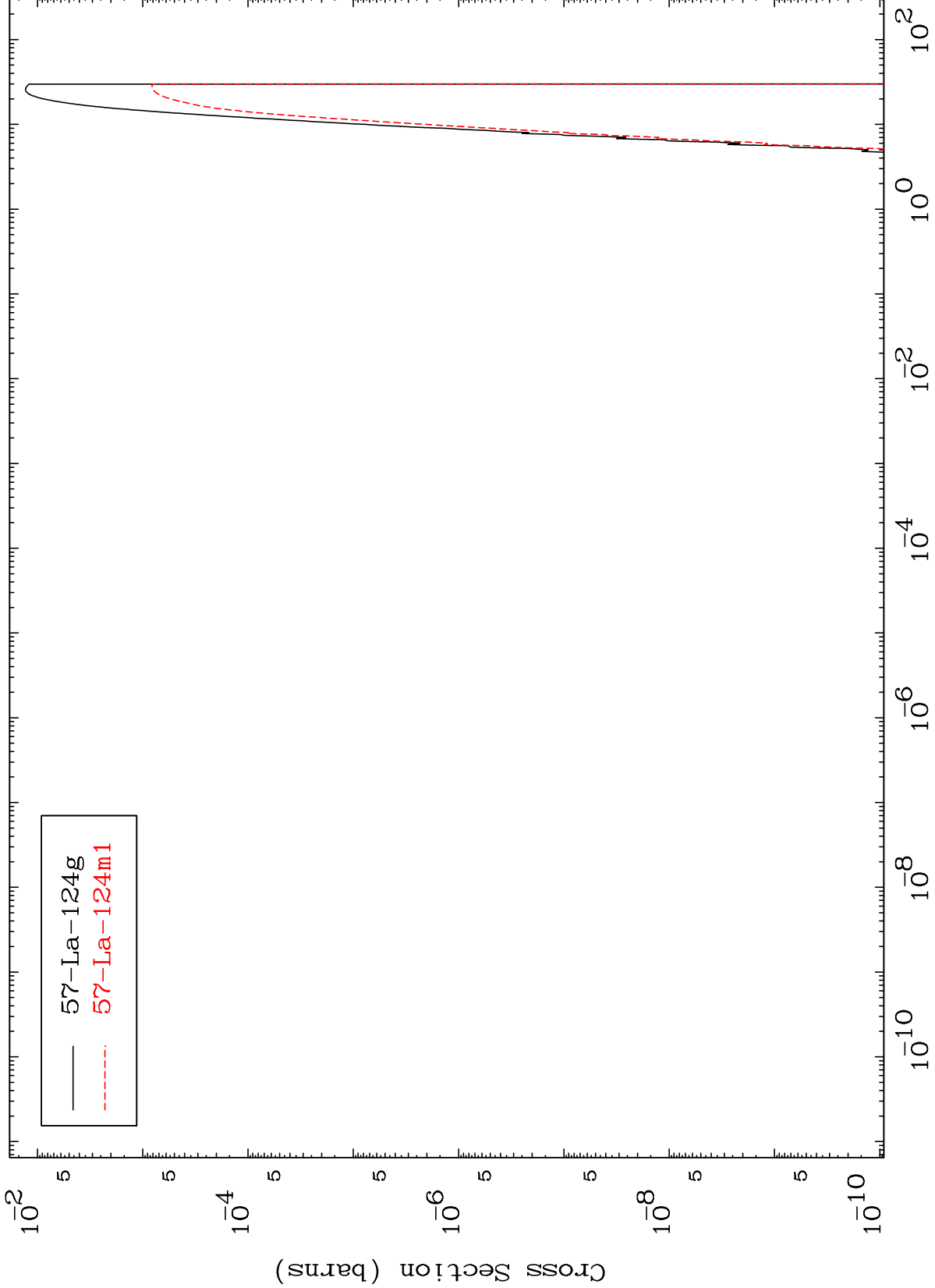
59-Pr-126

MAT 5880

(n,He-3)

59-Pr-126

Radionuclide Production Cross Section

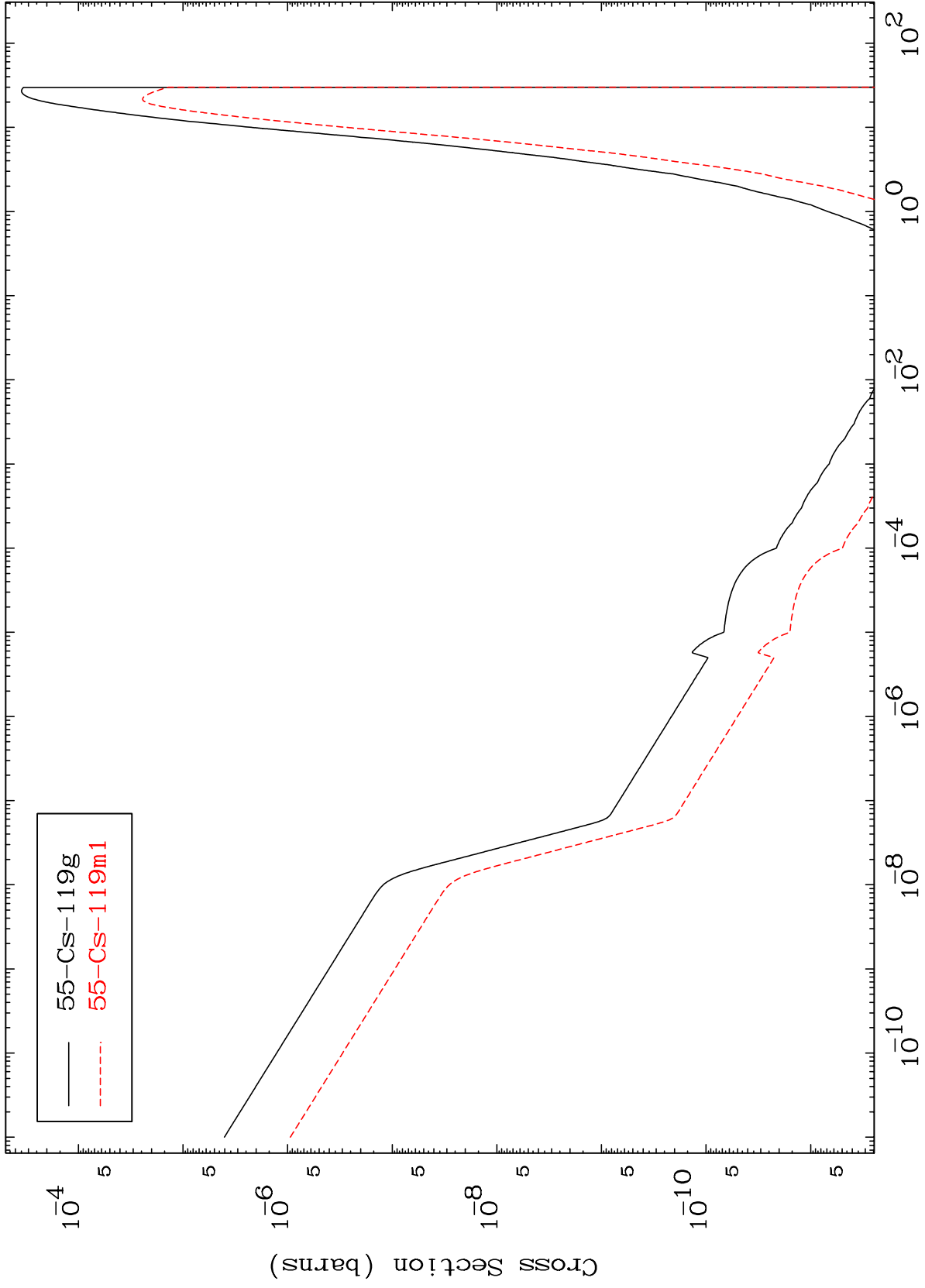


MAT 5880

(n,2α)

59-Pr-126

Radionuclide Production Cross Section



— 55-Cs-119g
- - - 55-Cs-119m1

Incident Energy (MeV)

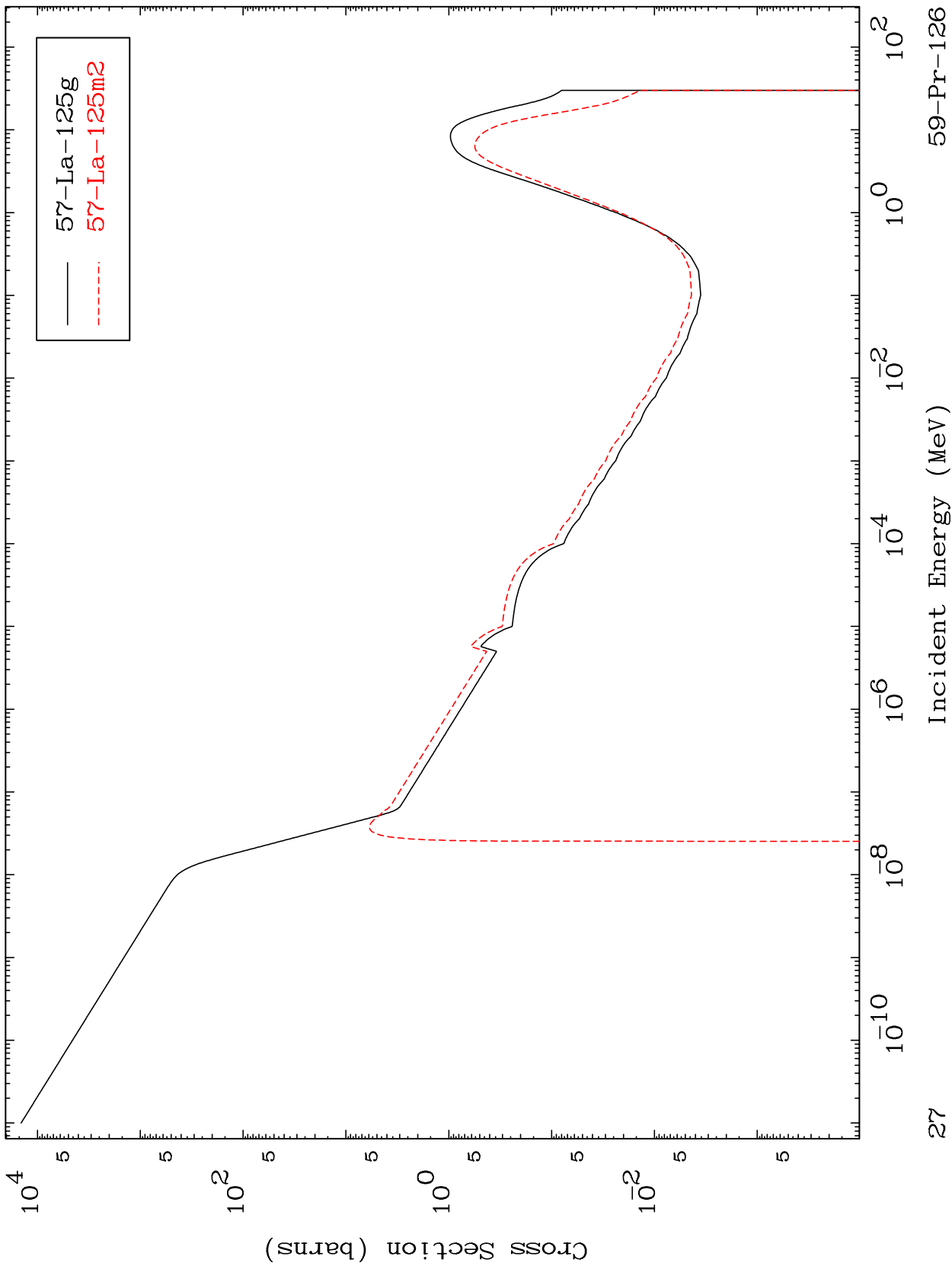
59-Pr-126

26

MAT 5880

59-Pr-126

(n,2p)
Radionuclide Production Cross Section



Radionuclide Production Cross Section

