

Program EVALPLOT
(Version 2018-1)

by

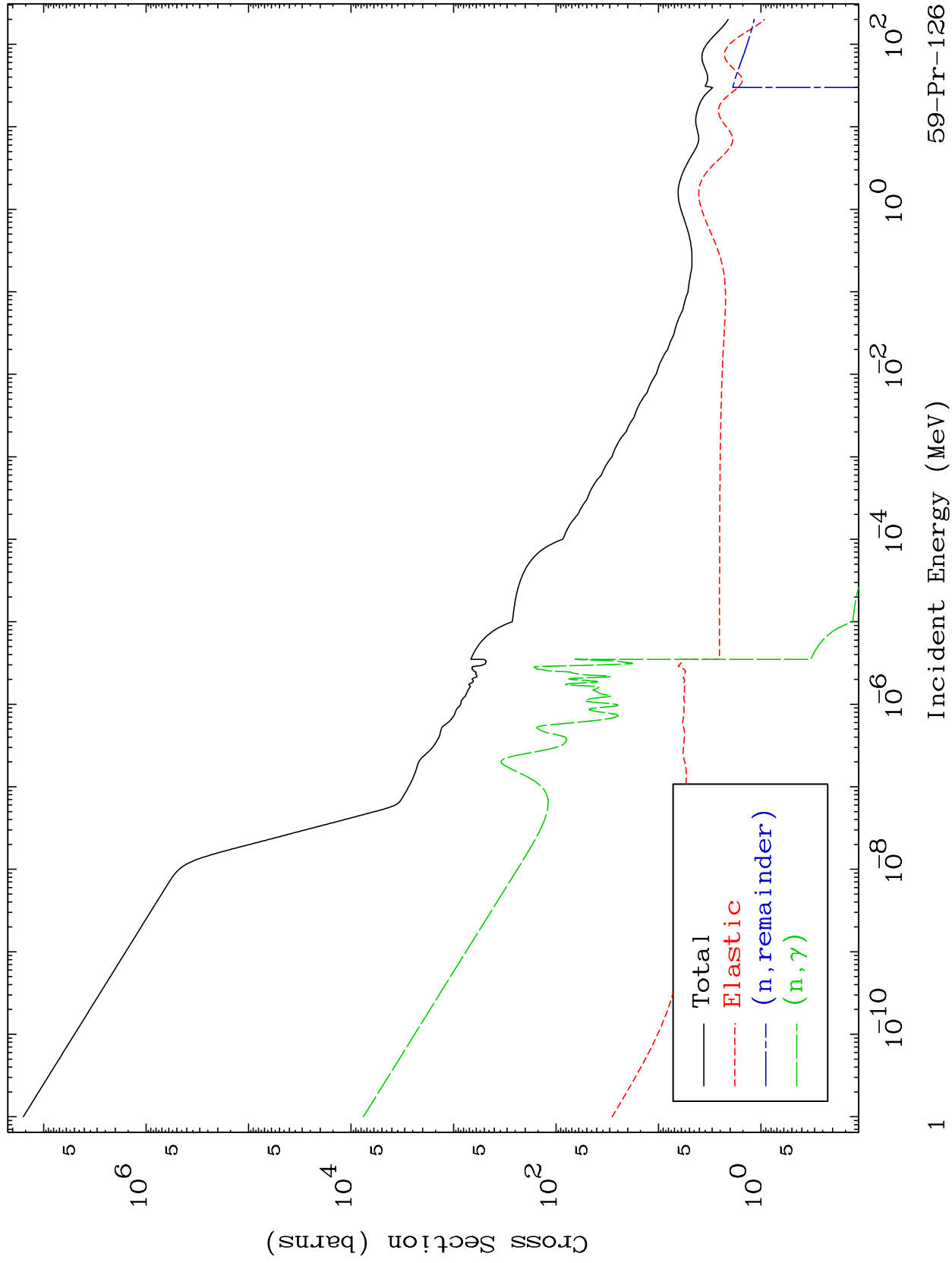
Dermott E. Cullen
(Present Contact Information)

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

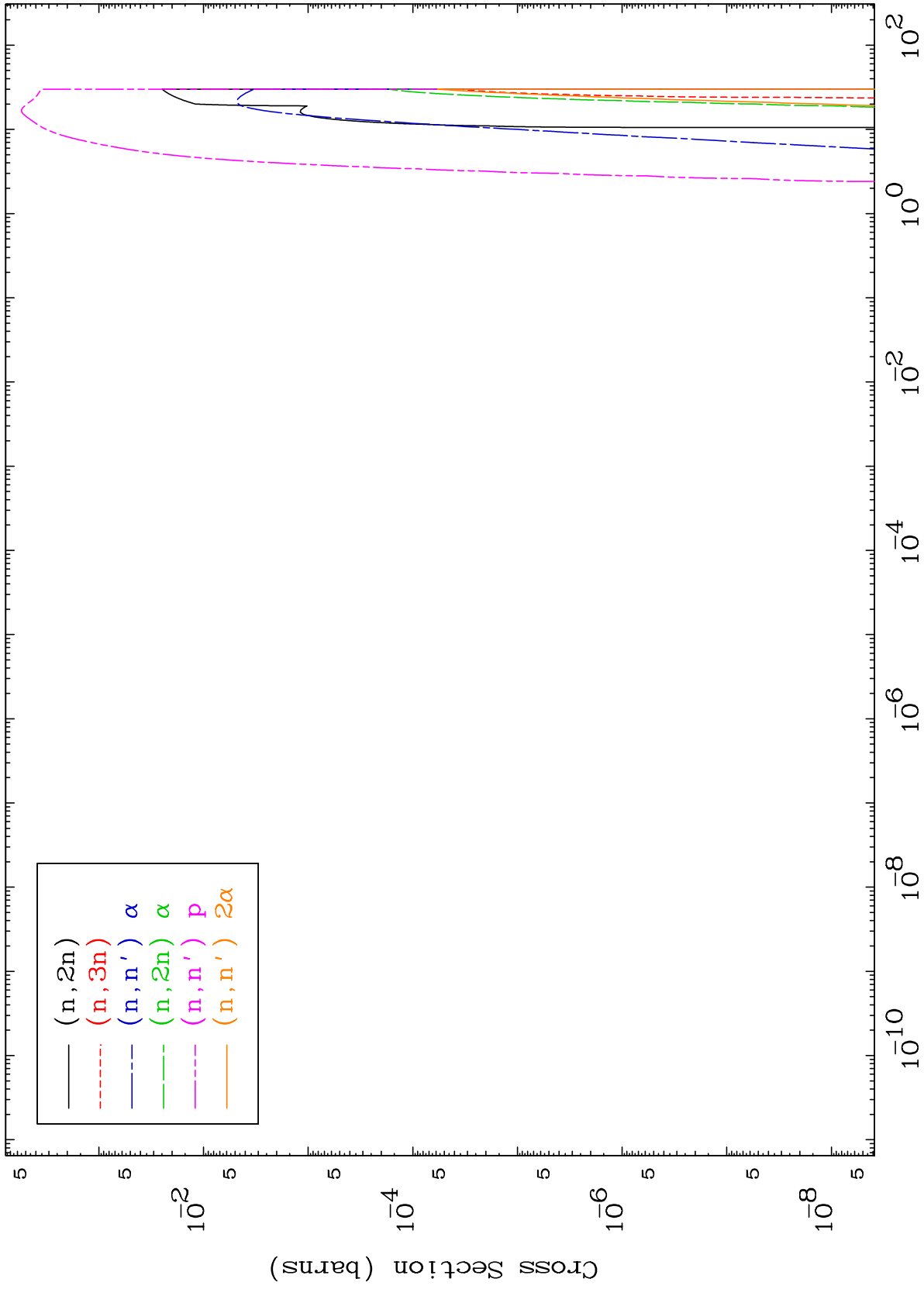
Press Mouse Button to Start



MAT 5880

Neutron Production
293 Kelvin Cross Sections

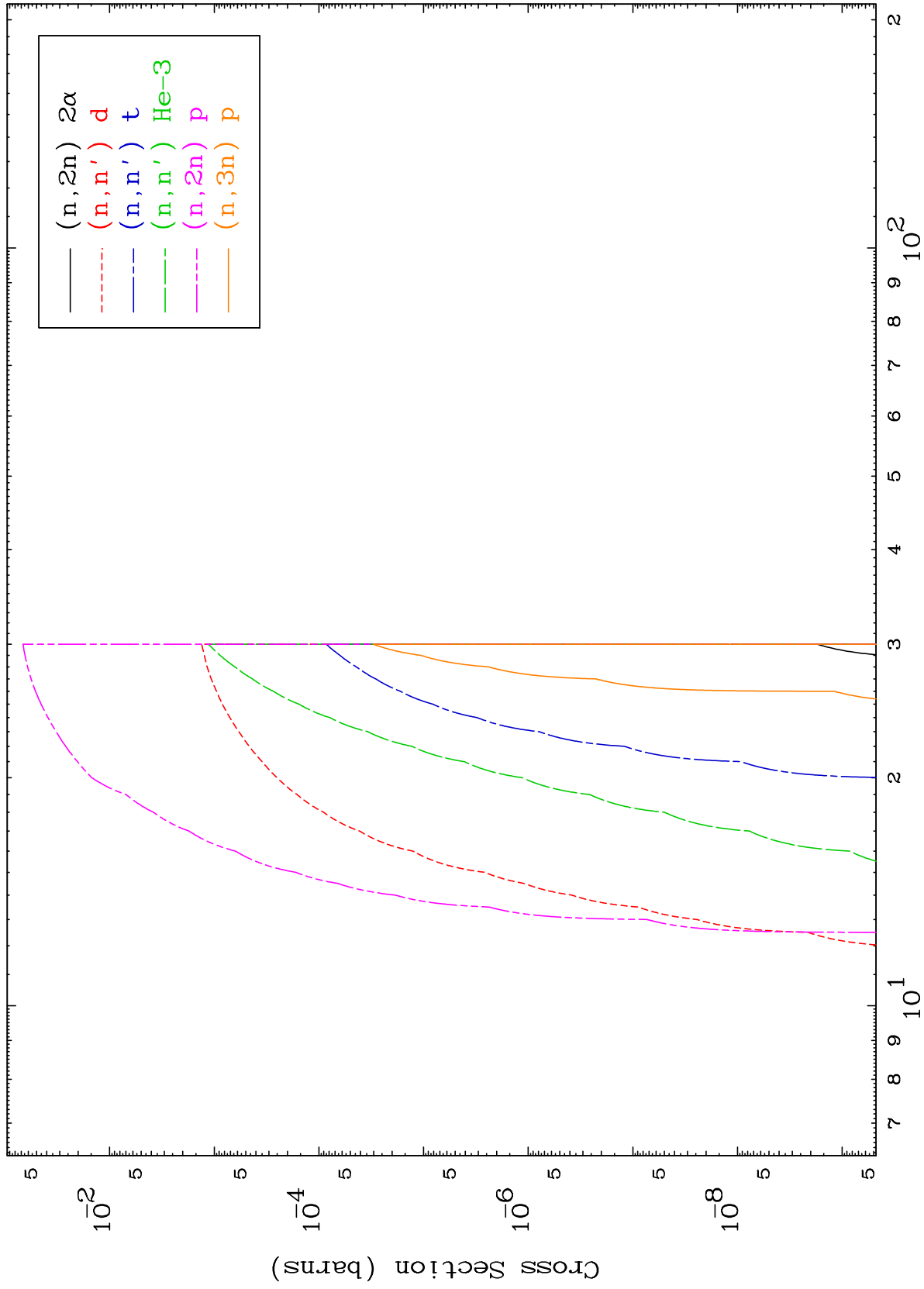
59-Pr-126



2

Incident Energy (MeV)

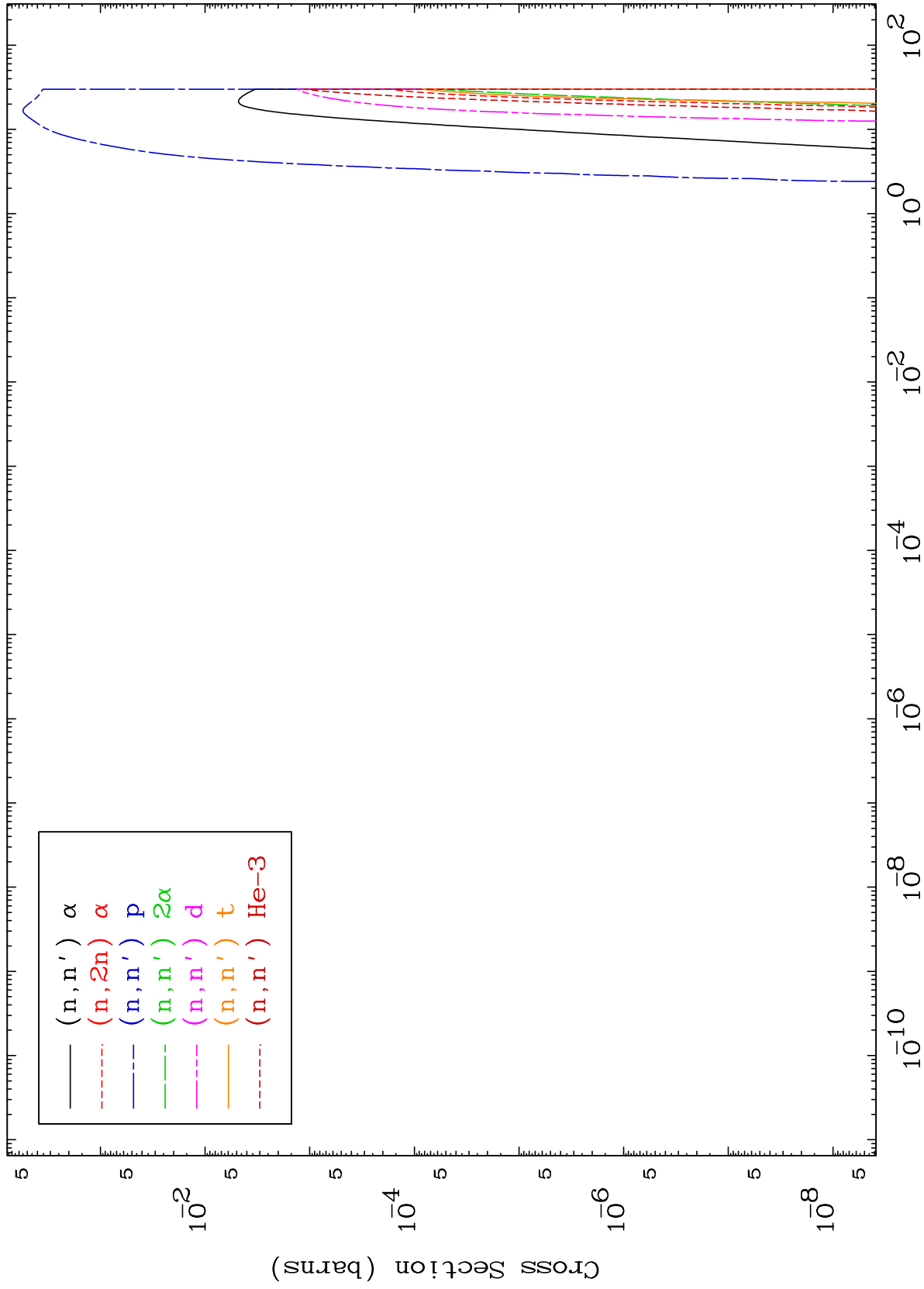
59-Pr-126

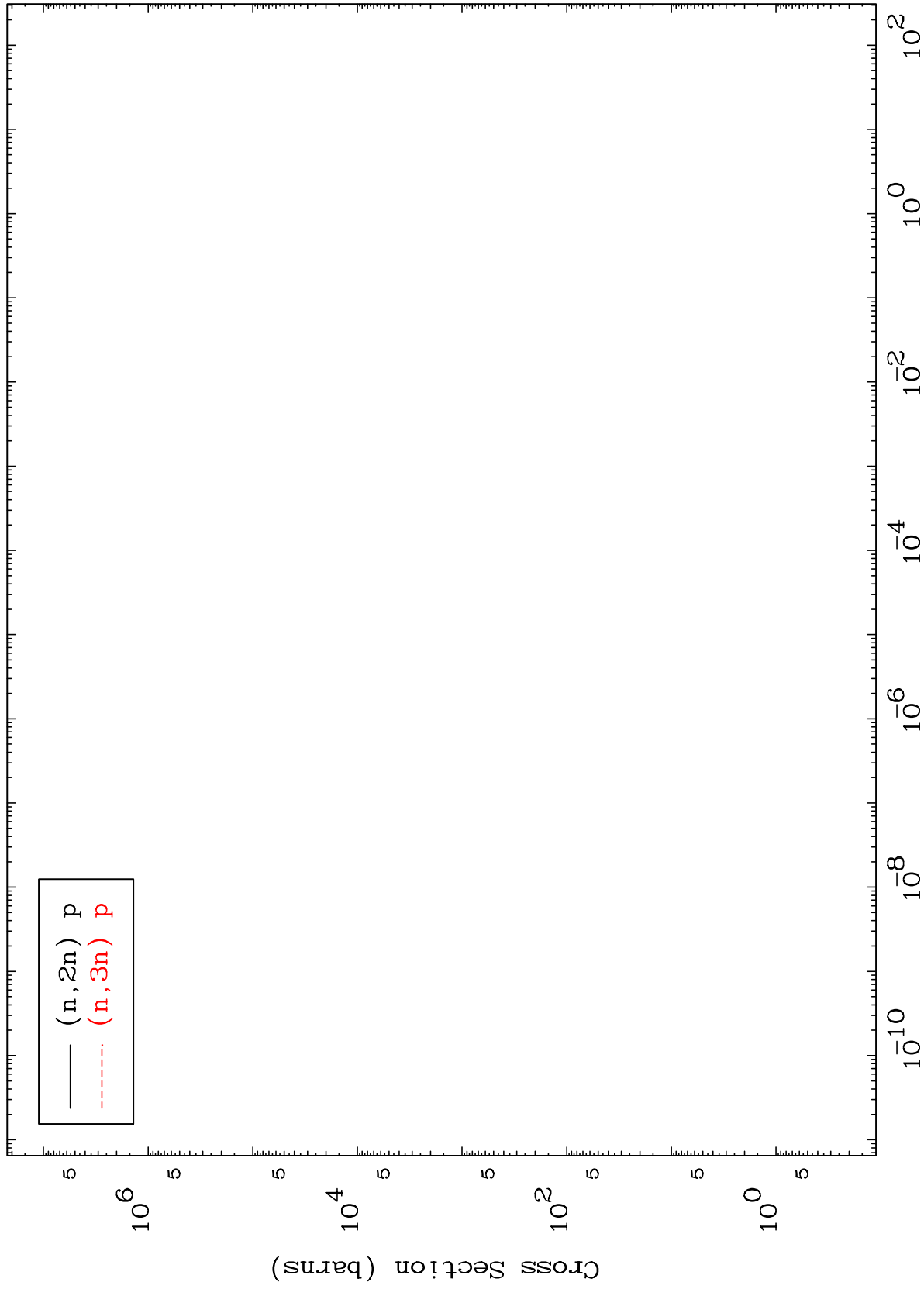


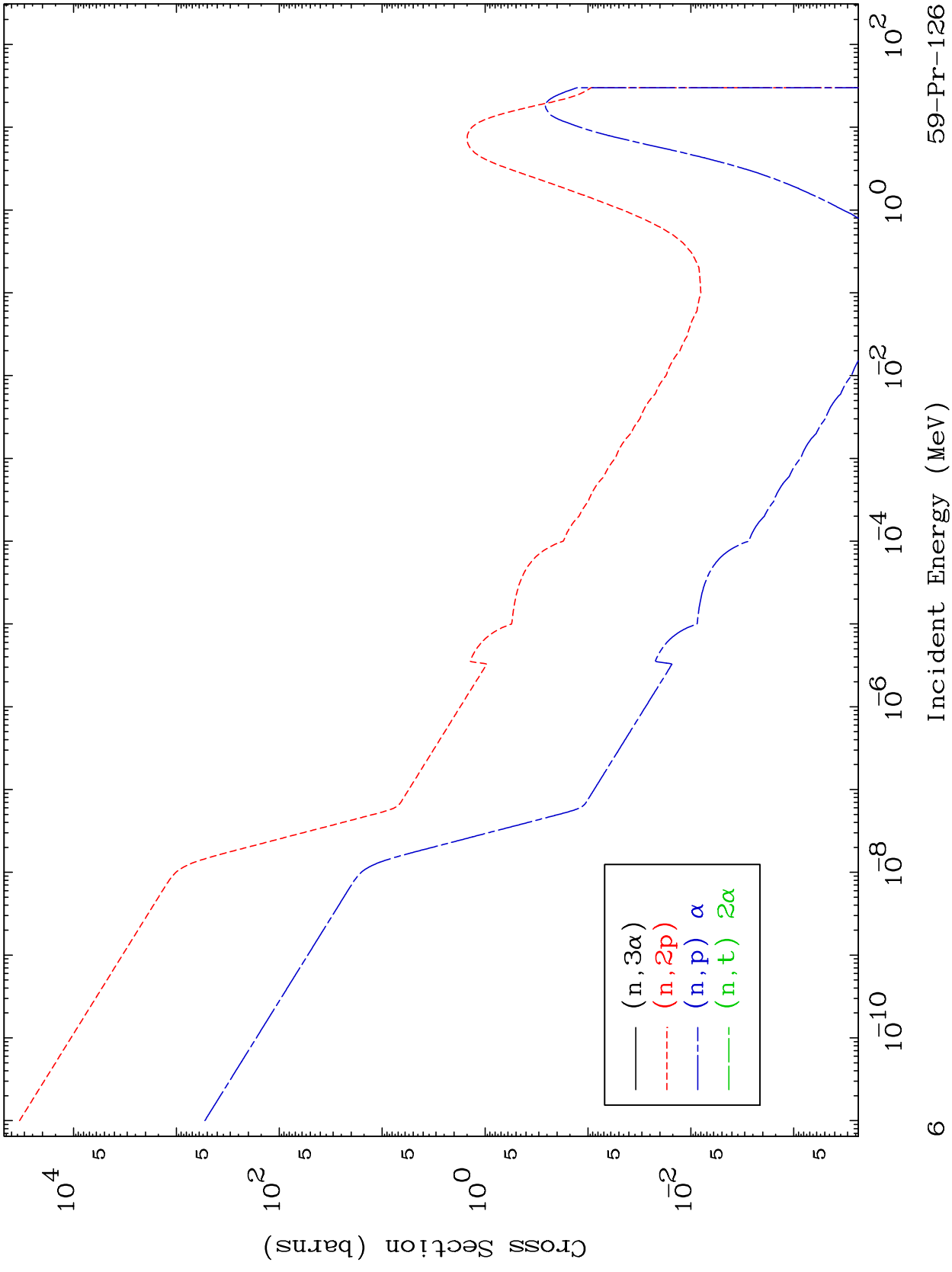
MAT 5880

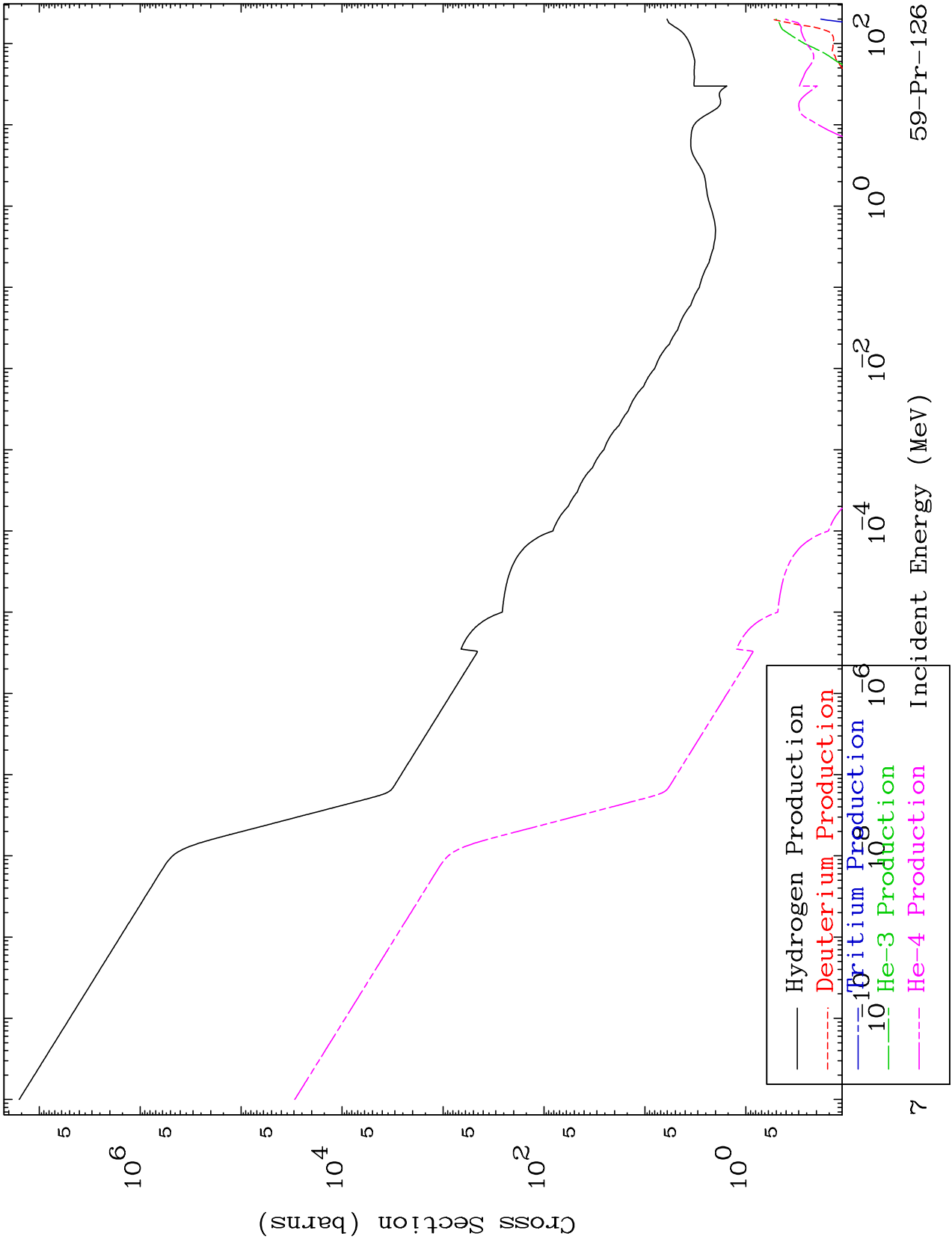
Charged Particle
293 Kelvin Cross Sections

59-Pr-126

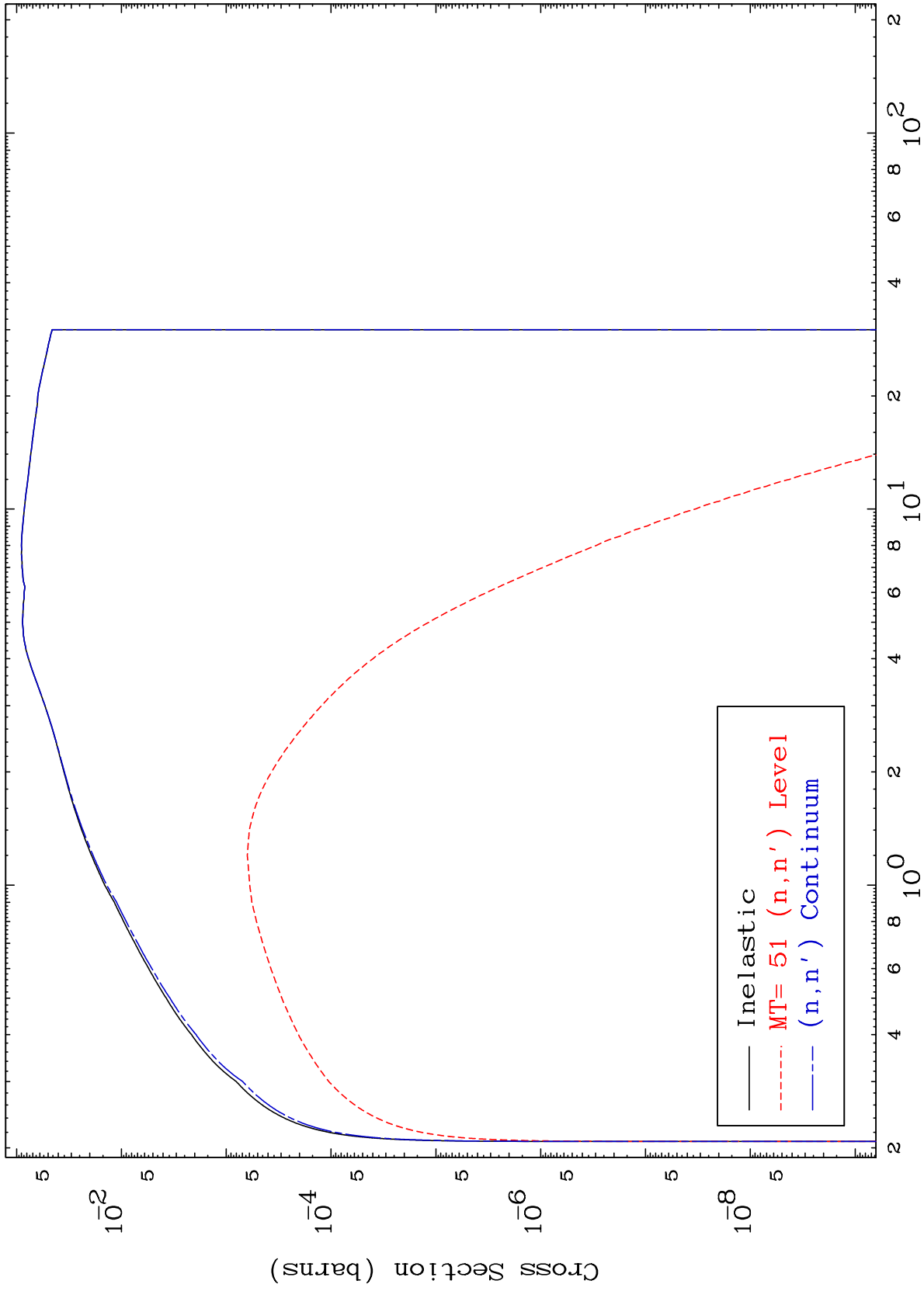








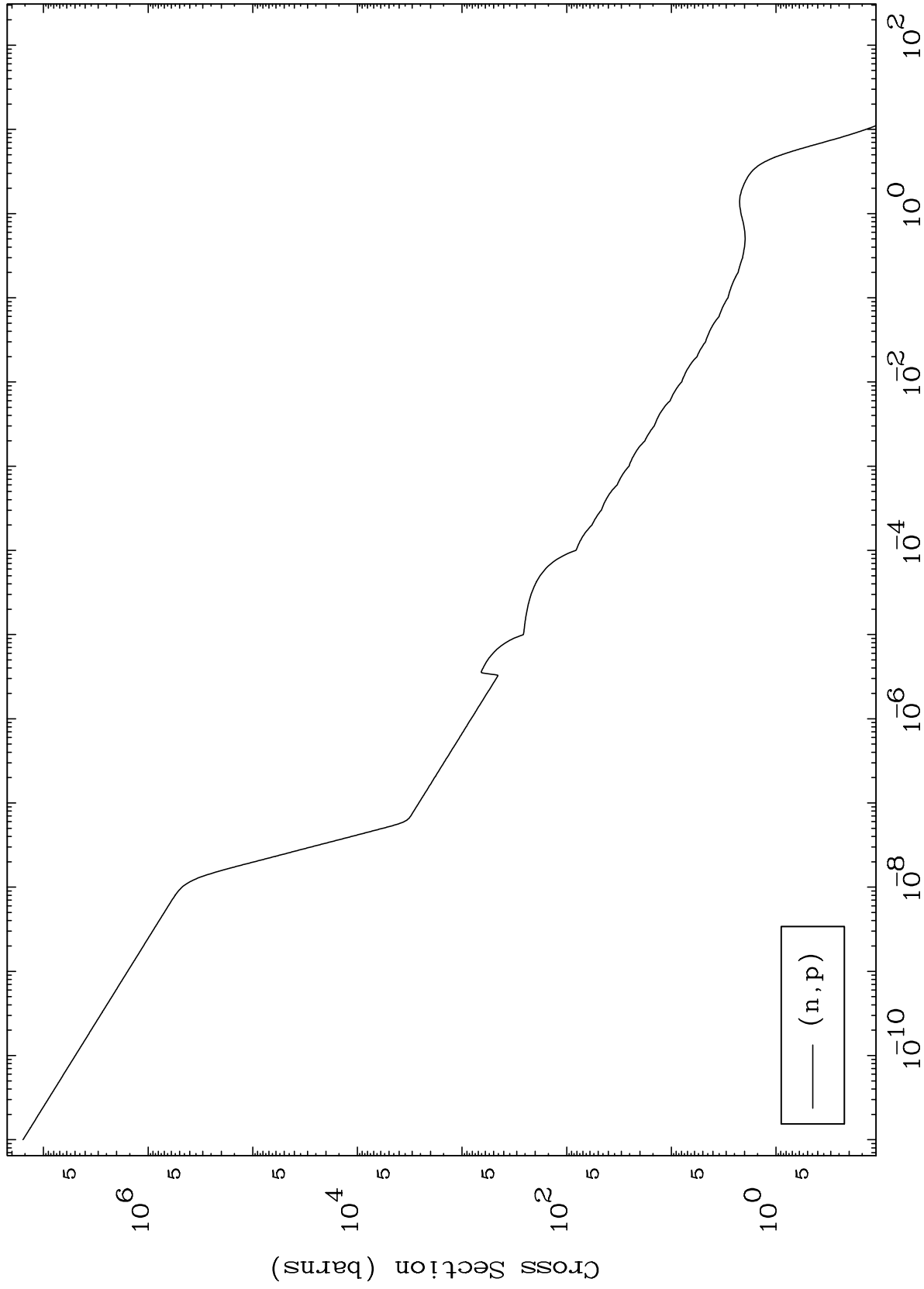
(n,n') Level
293 Kelvin Cross Sections



MAT 5880

(n,p) Levels
293 Kelvin Cross Sections

59-Pr-126



9

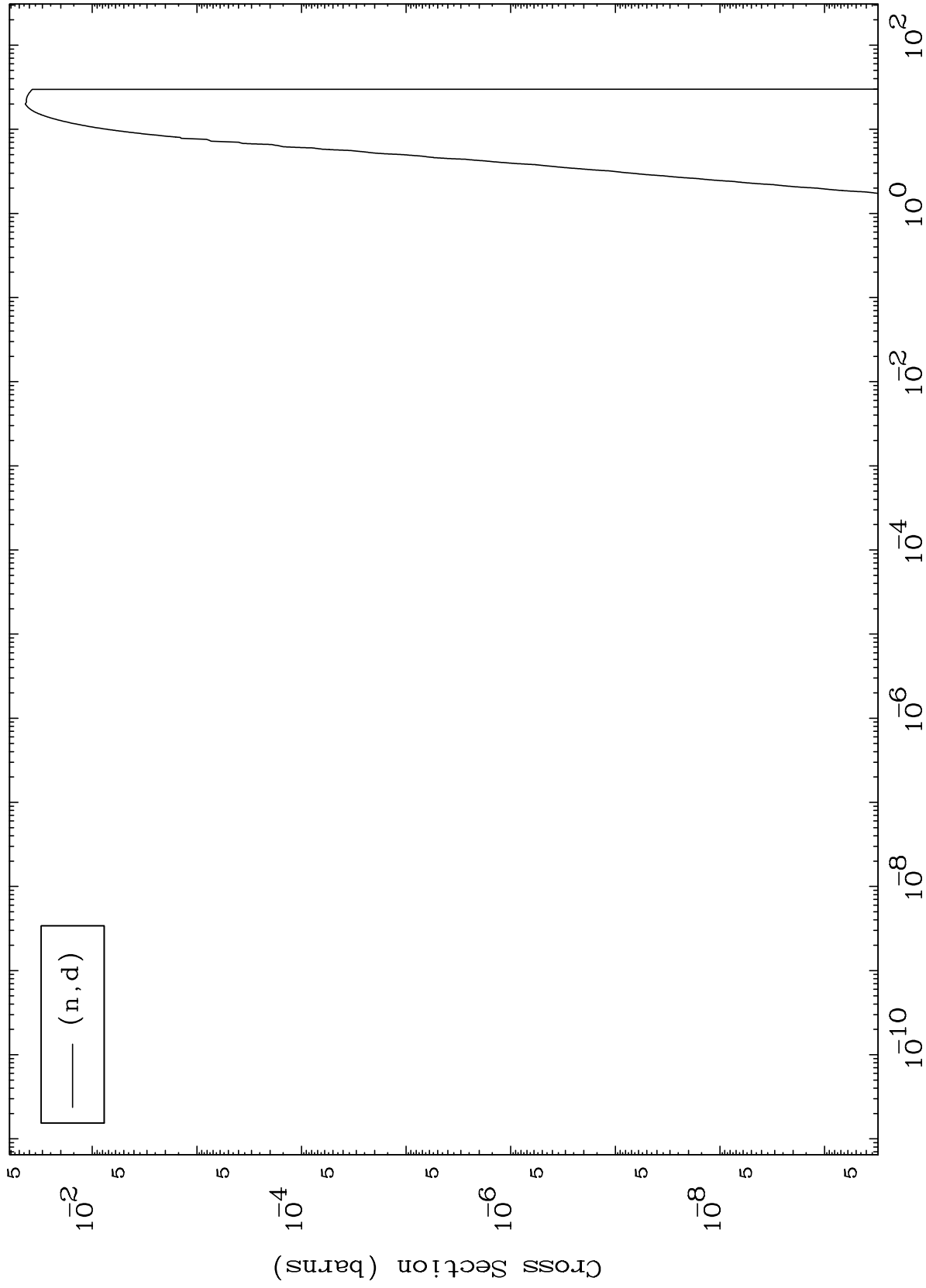
Incident Energy (MeV)

59-Pr-126

MAT 5880

(n,d) Levels
293 Kelvin Cross Sections

59-Pr-126



10

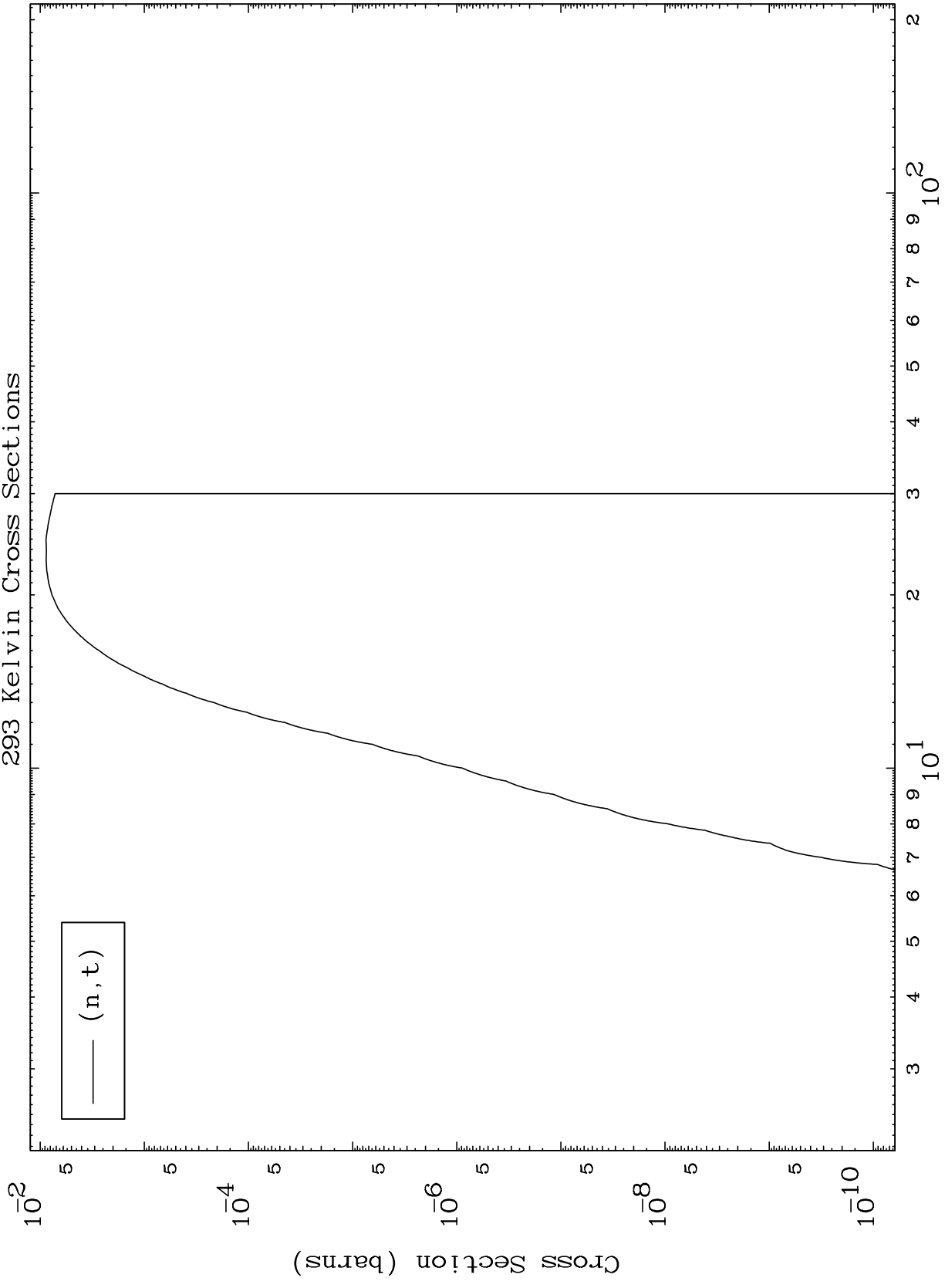
Incident Energy (MeV)

59-Pr-126

MAT 5880

(n,t) Levels
293 Kelvin Cross Sections

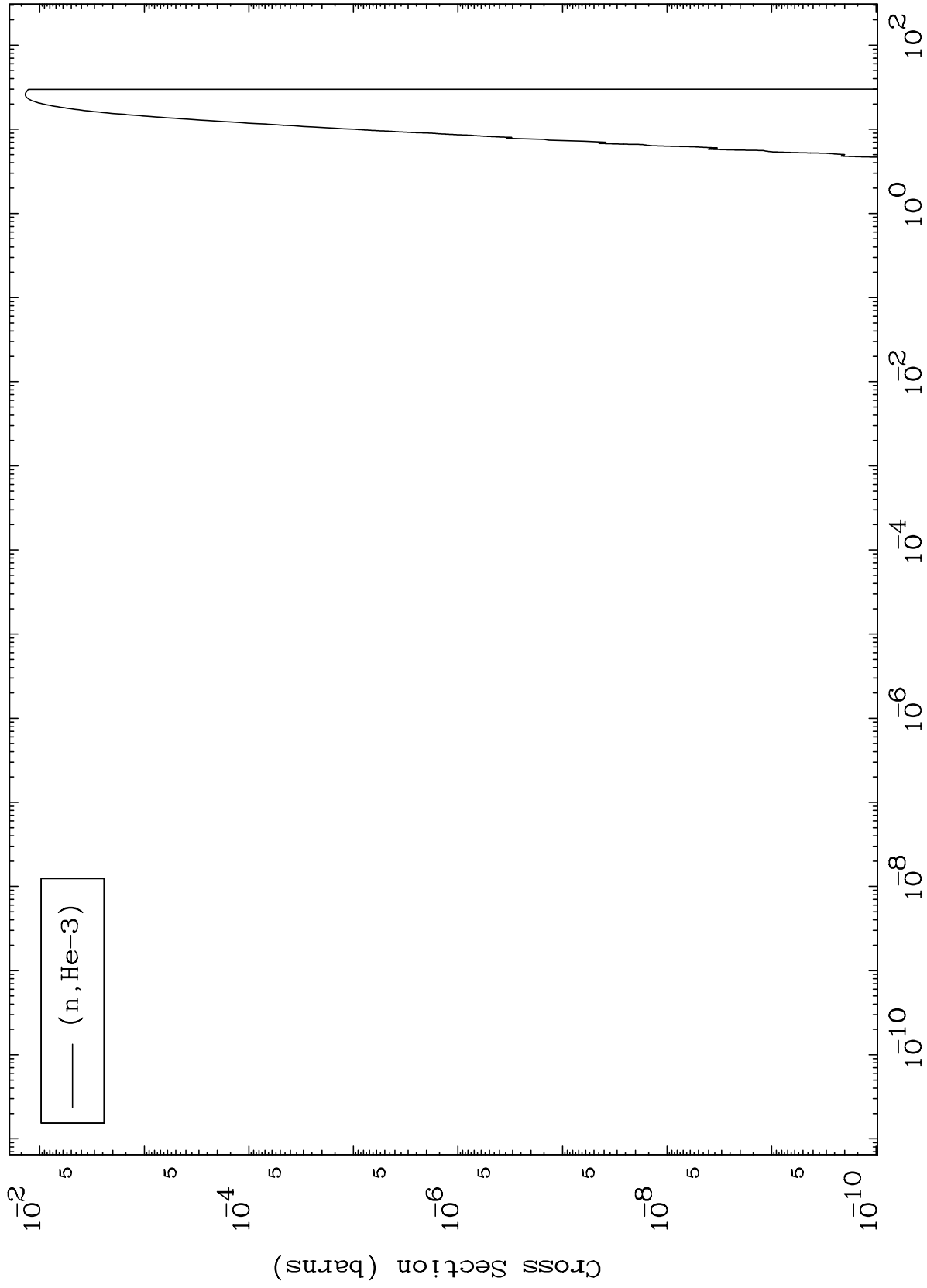
59-Pr-126



MAT 5880

(n,He3) Levels
293 Kelvin Cross Sections

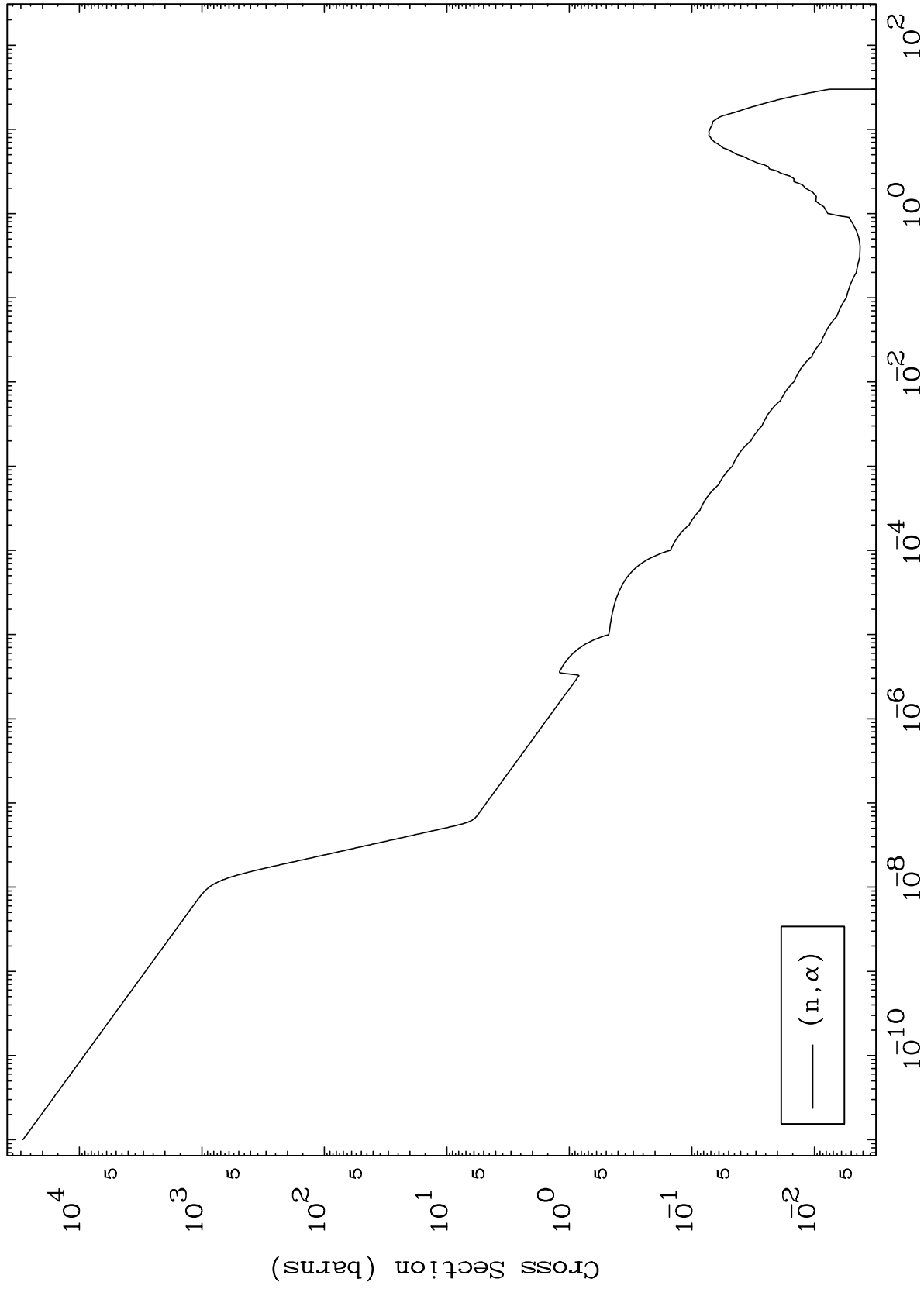
59-Pr-126

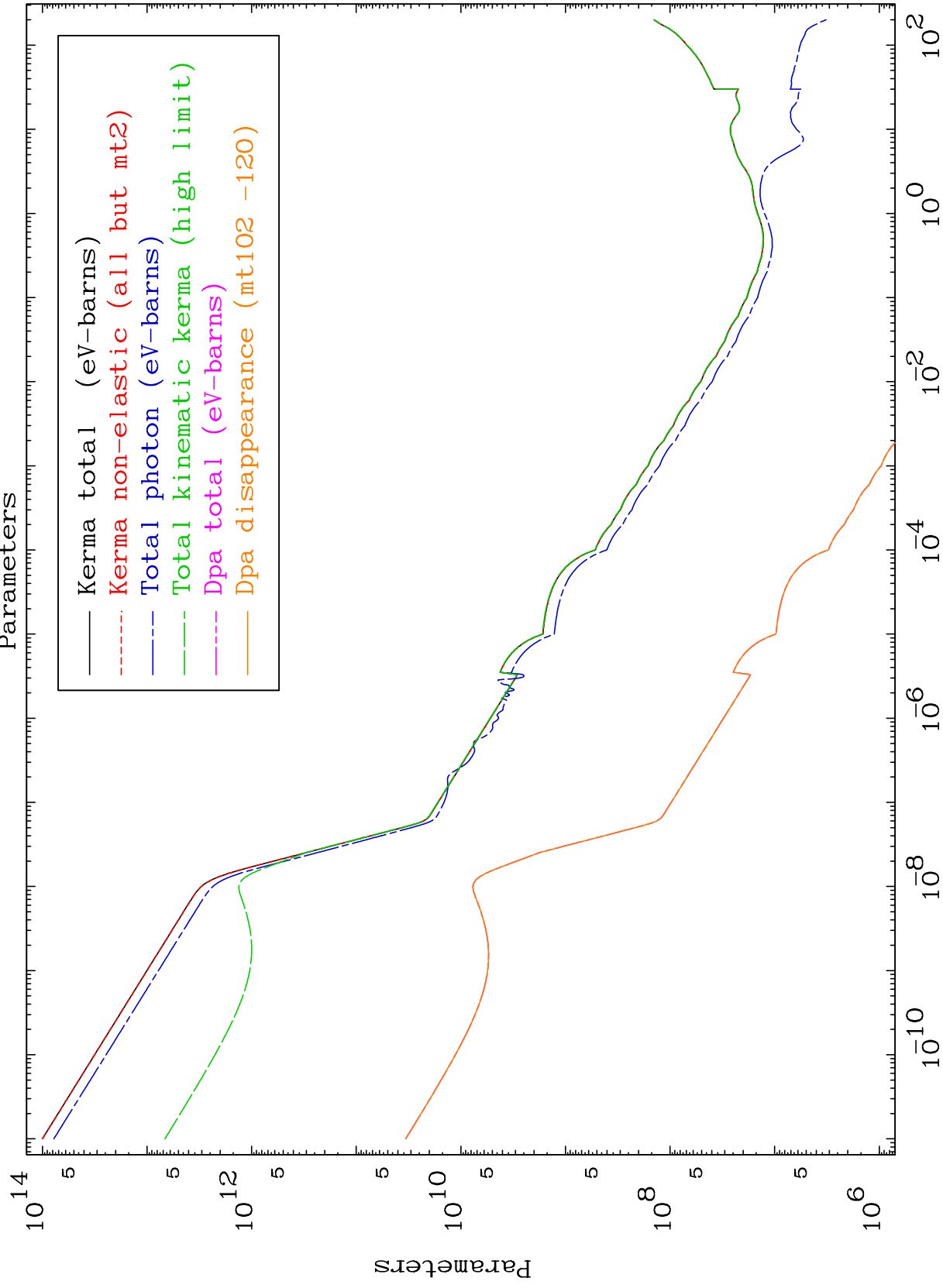


12

Incident Energy (MeV)

59-Pr-126

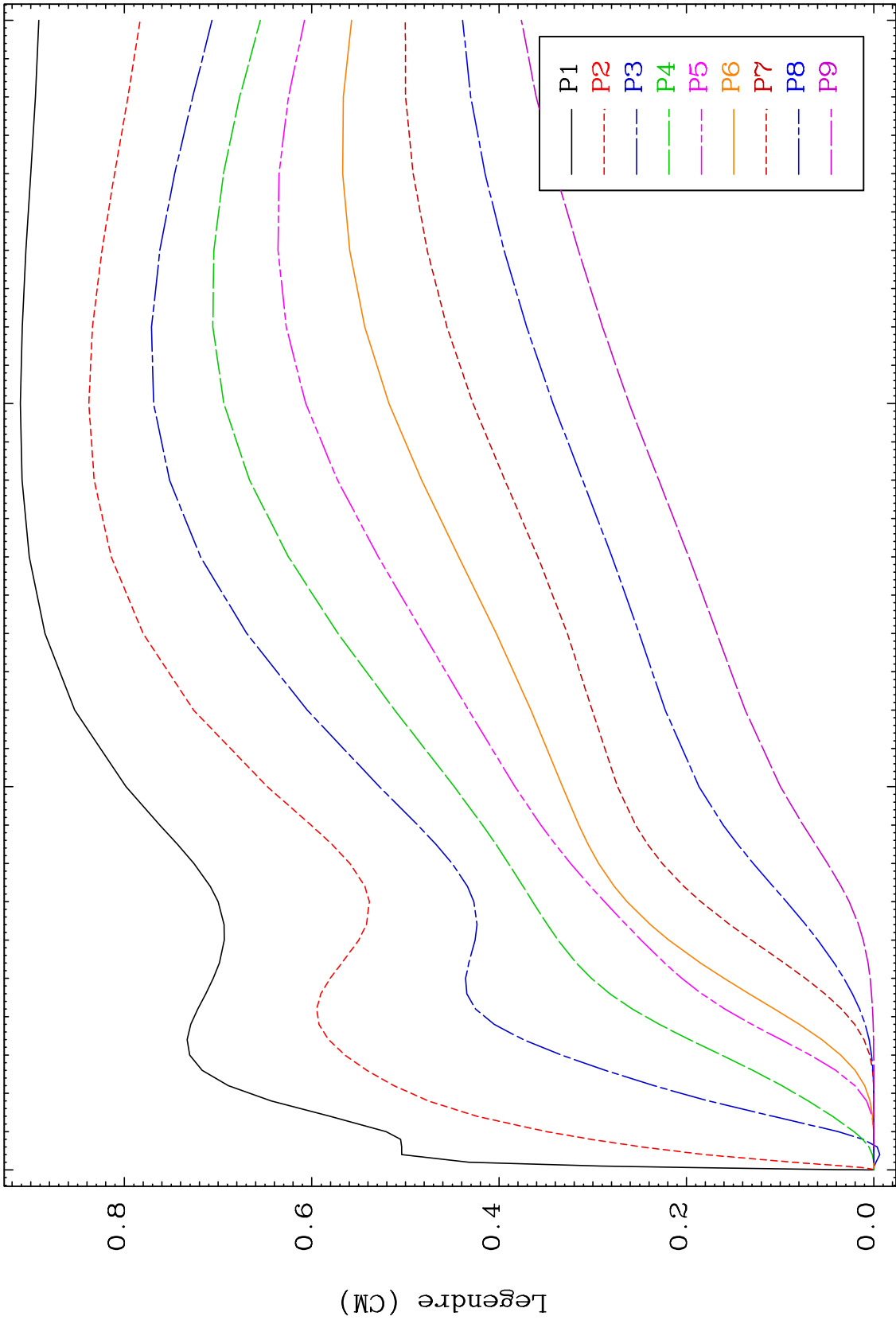




MAT 5880

Elastic Legendre Coefficients

59-Pr-126



15

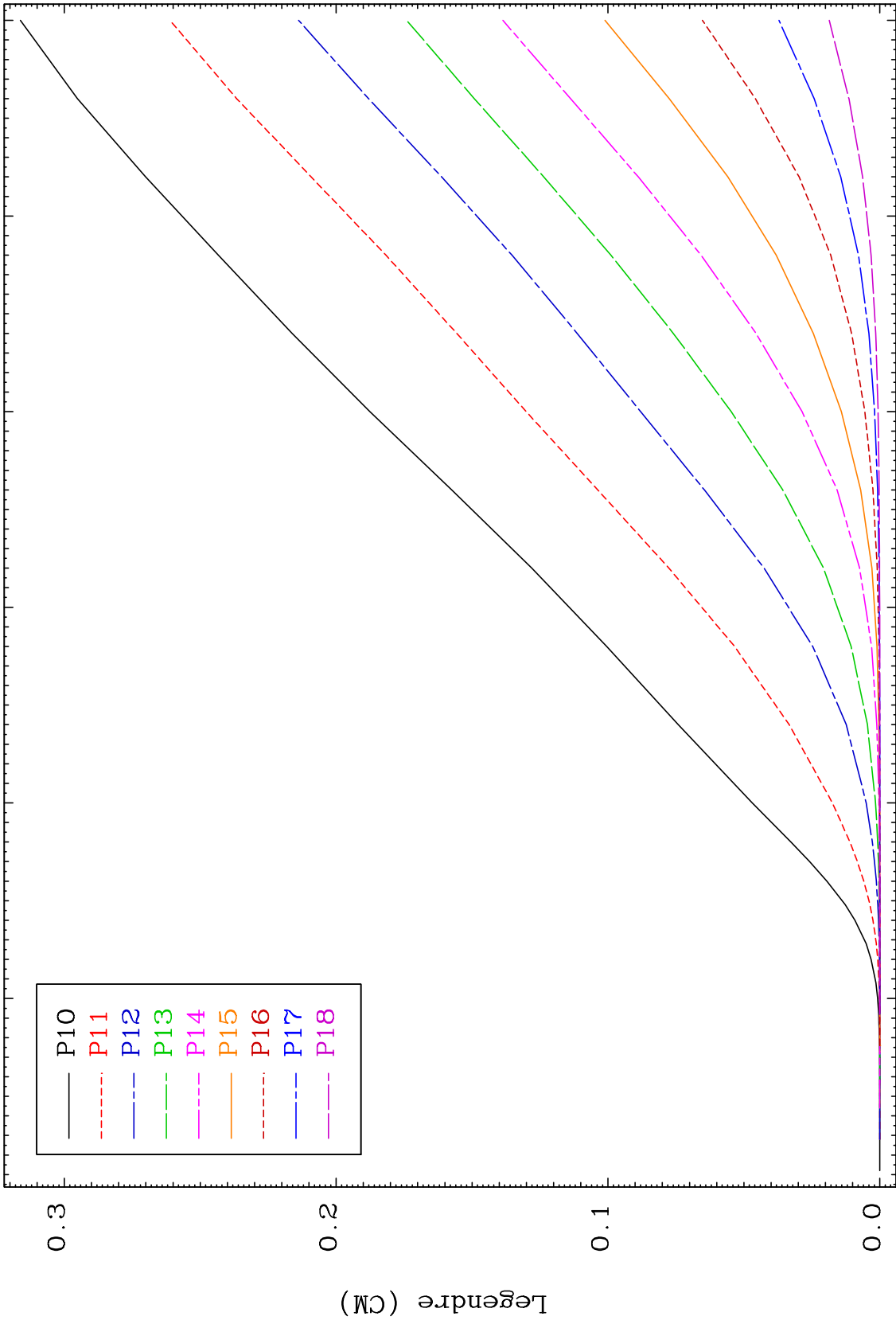
Incident Energy (MeV)

59-Pr-126

MAT 5880

Elastic Legendre Coefficients

59-Pr-126



16

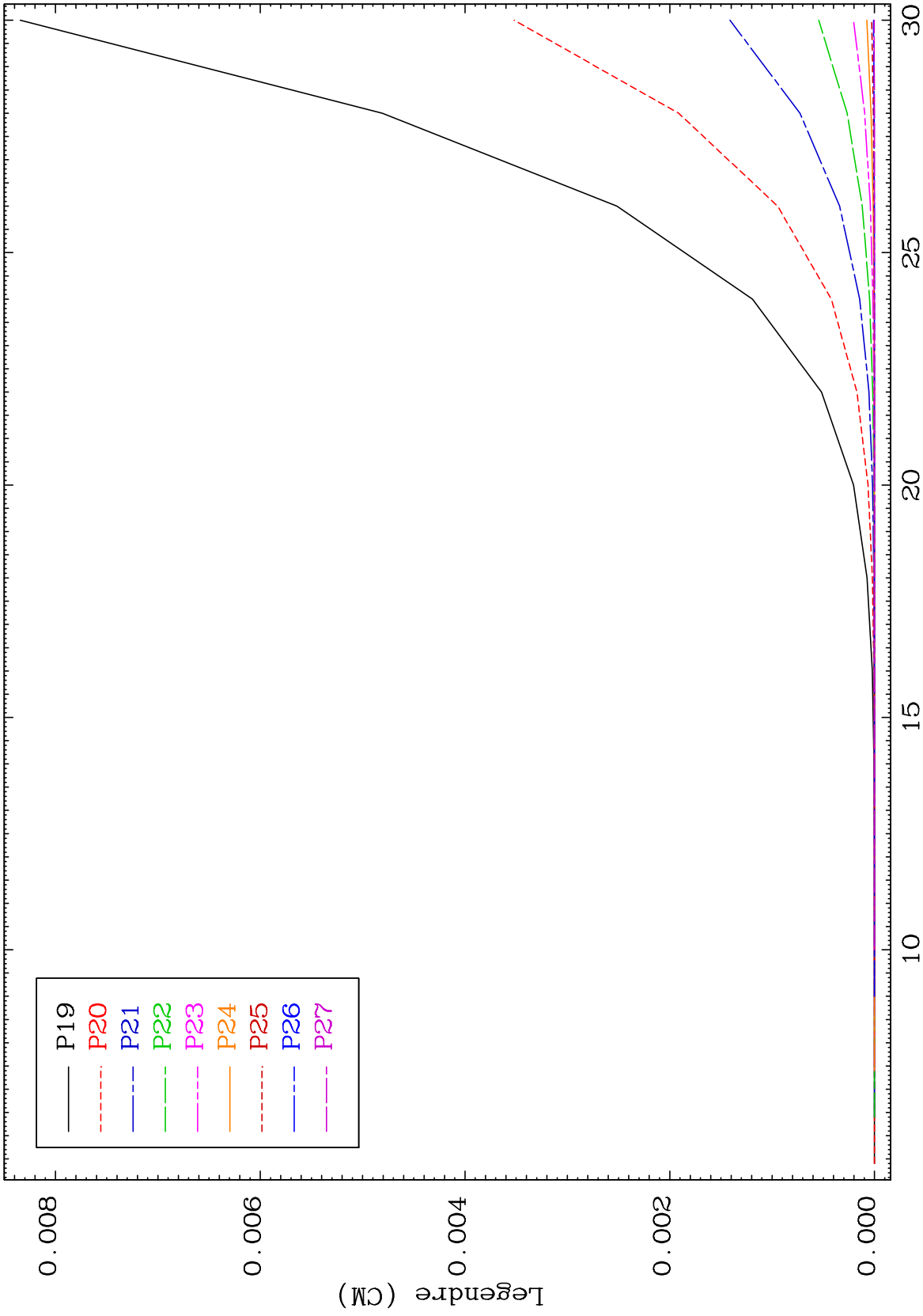
Incident Energy (MeV)

59-Pr-126

MAT 5880

Elastic Legendre Coefficients

59-Pr-126



17

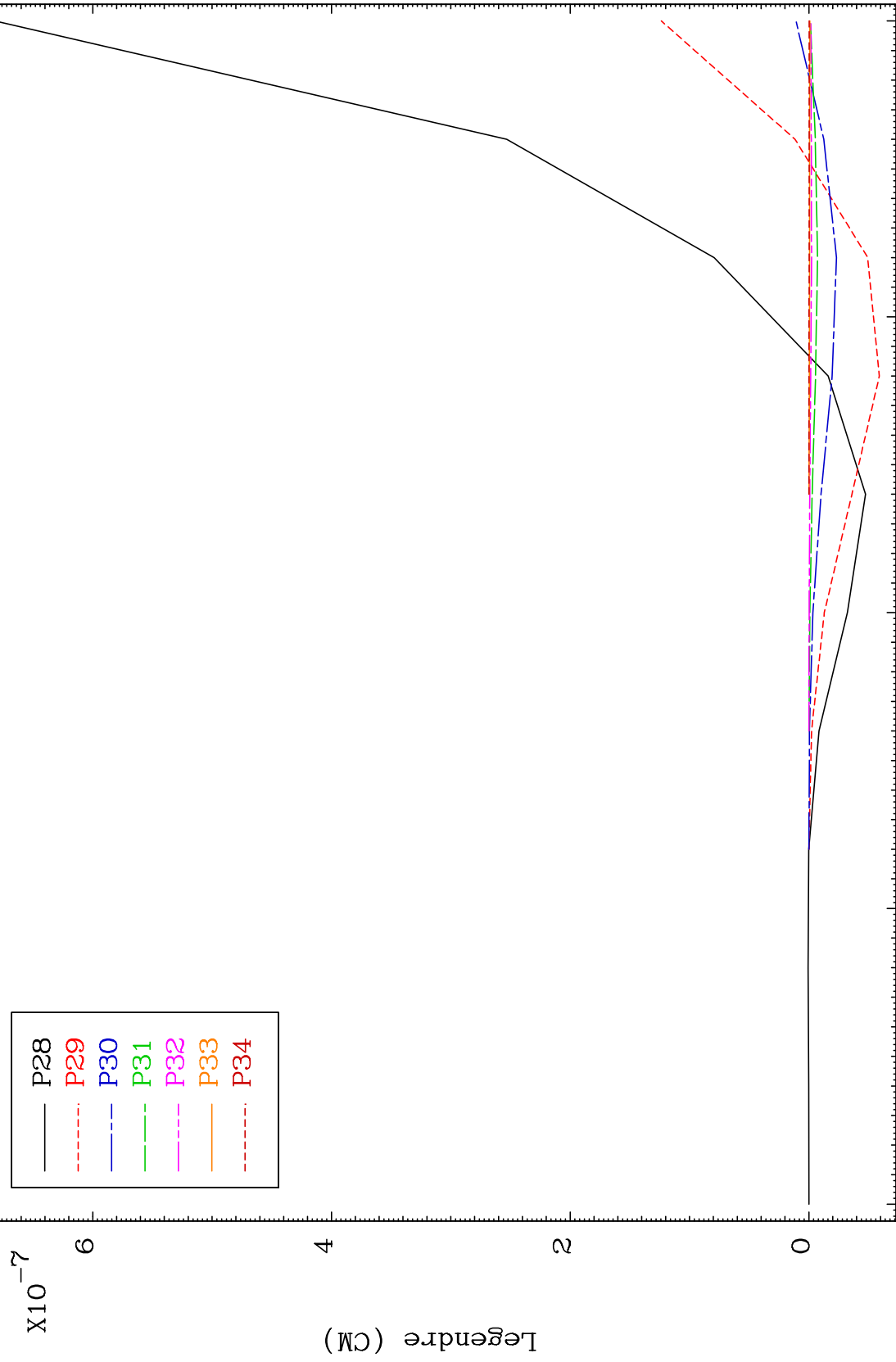
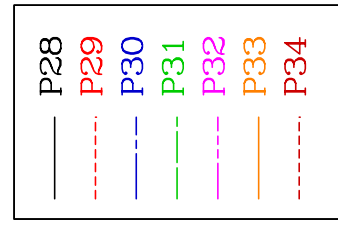
Incident Energy (MeV)

59-Pr-126

MAT 5880

Elastic Legendre Coefficients

59-Pr-126



18

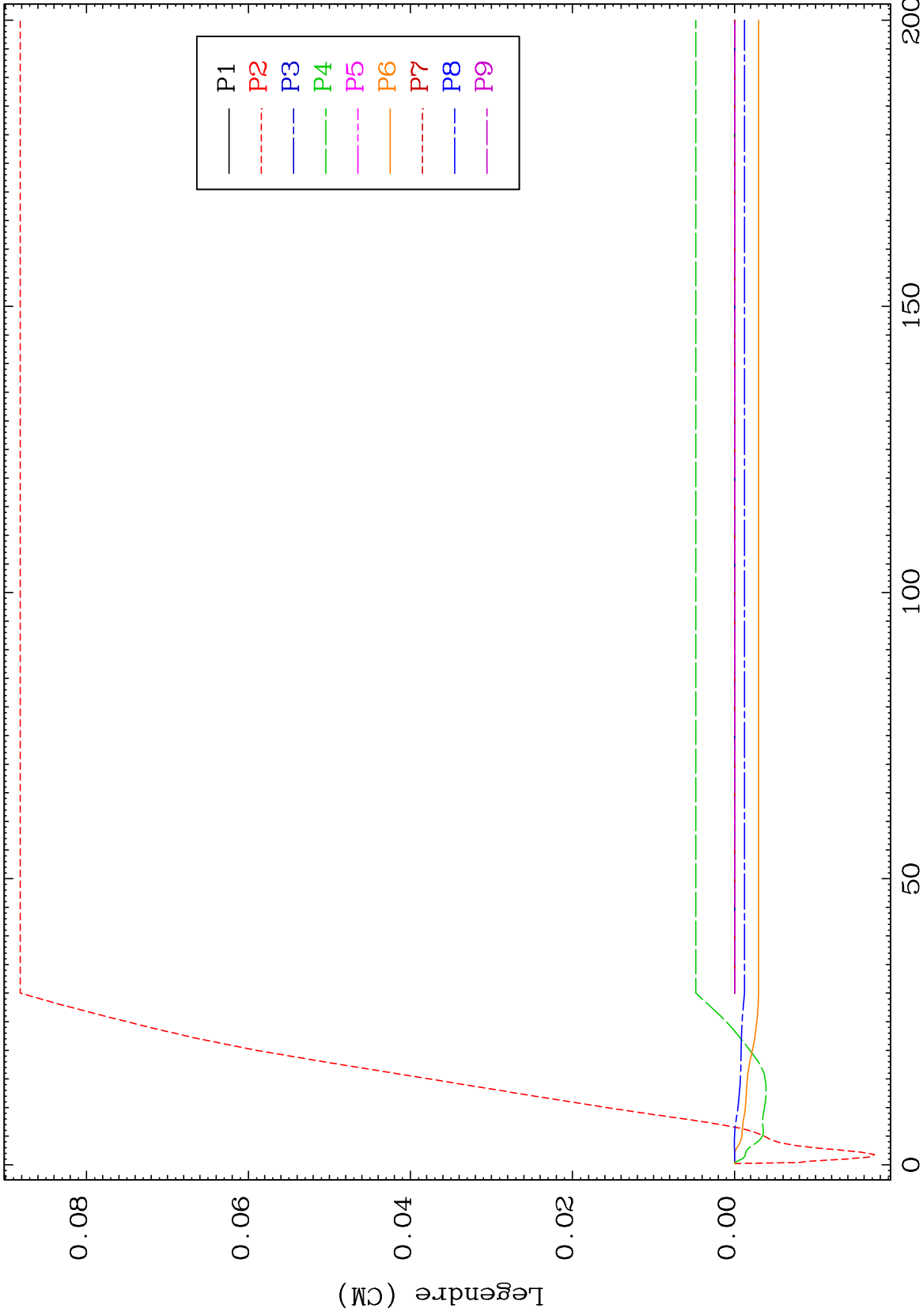
Incident Energy (MeV)

59-Pr-126

MAT 5880

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

59-Pr-126



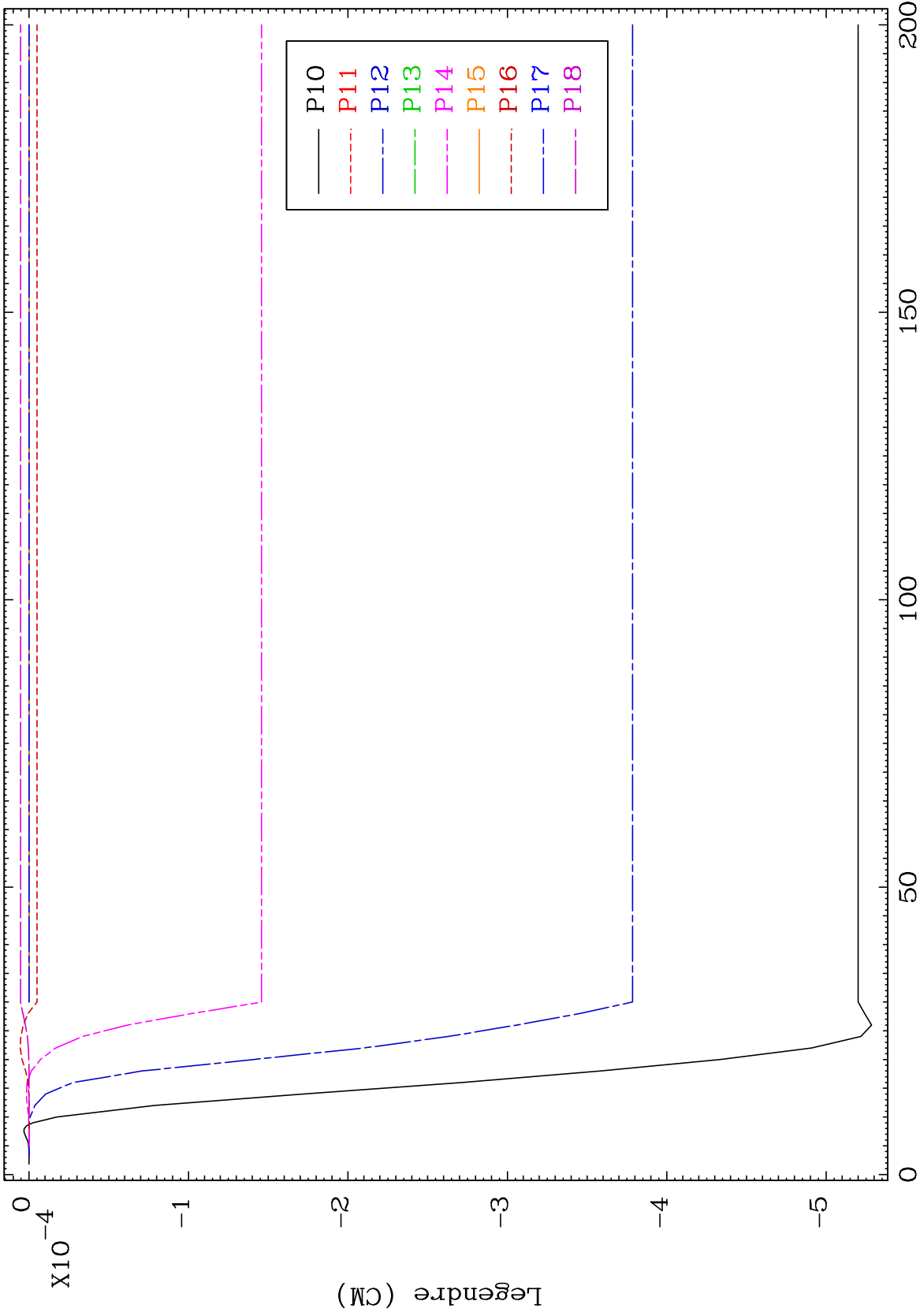
19

59-Pr-126

MAT 5880

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

59-Pr-126



20

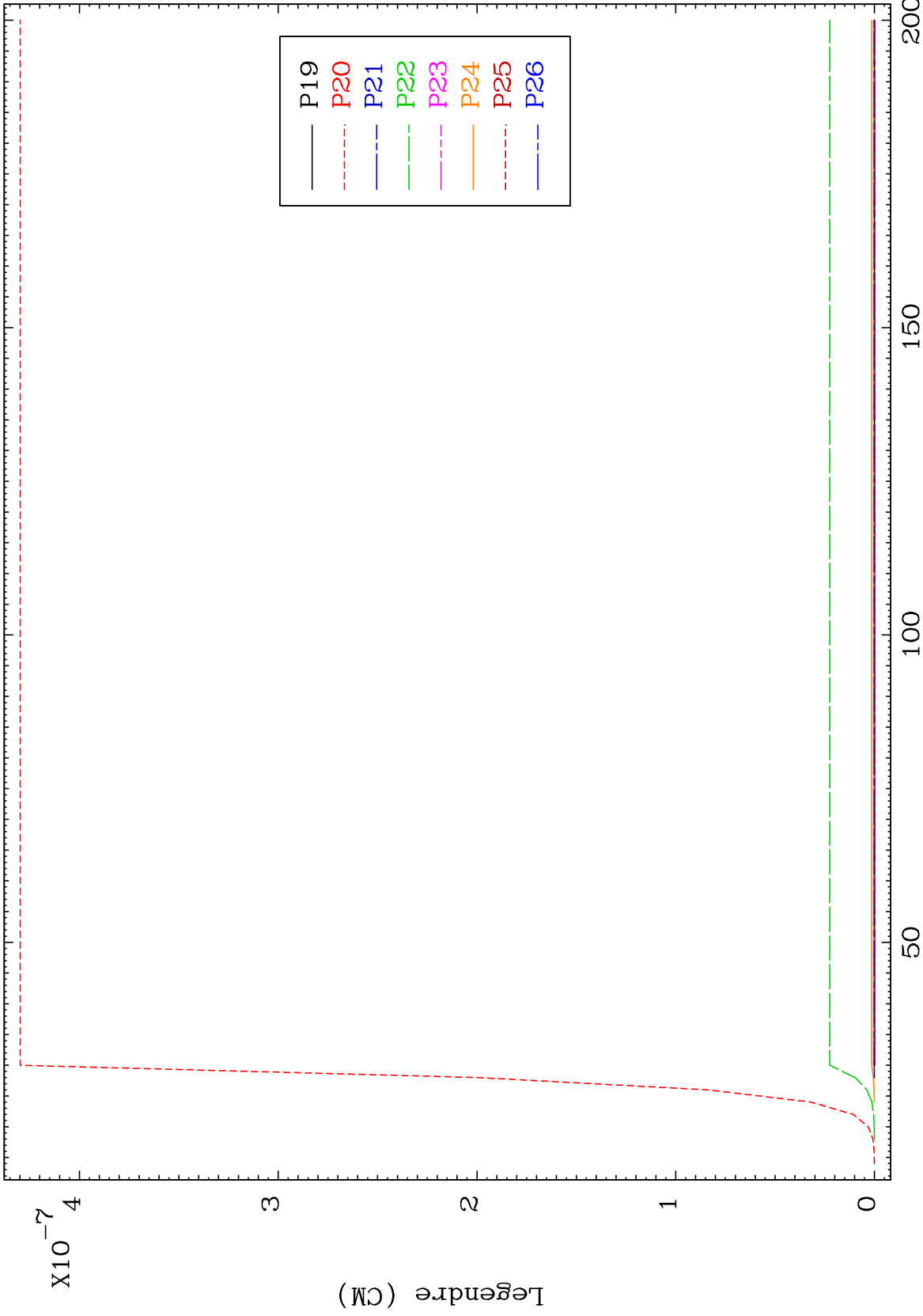
Incident Energy (MeV)

59-Pr-126

MAT 5880

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

59-Pr-126



21

Incident Energy (MeV)

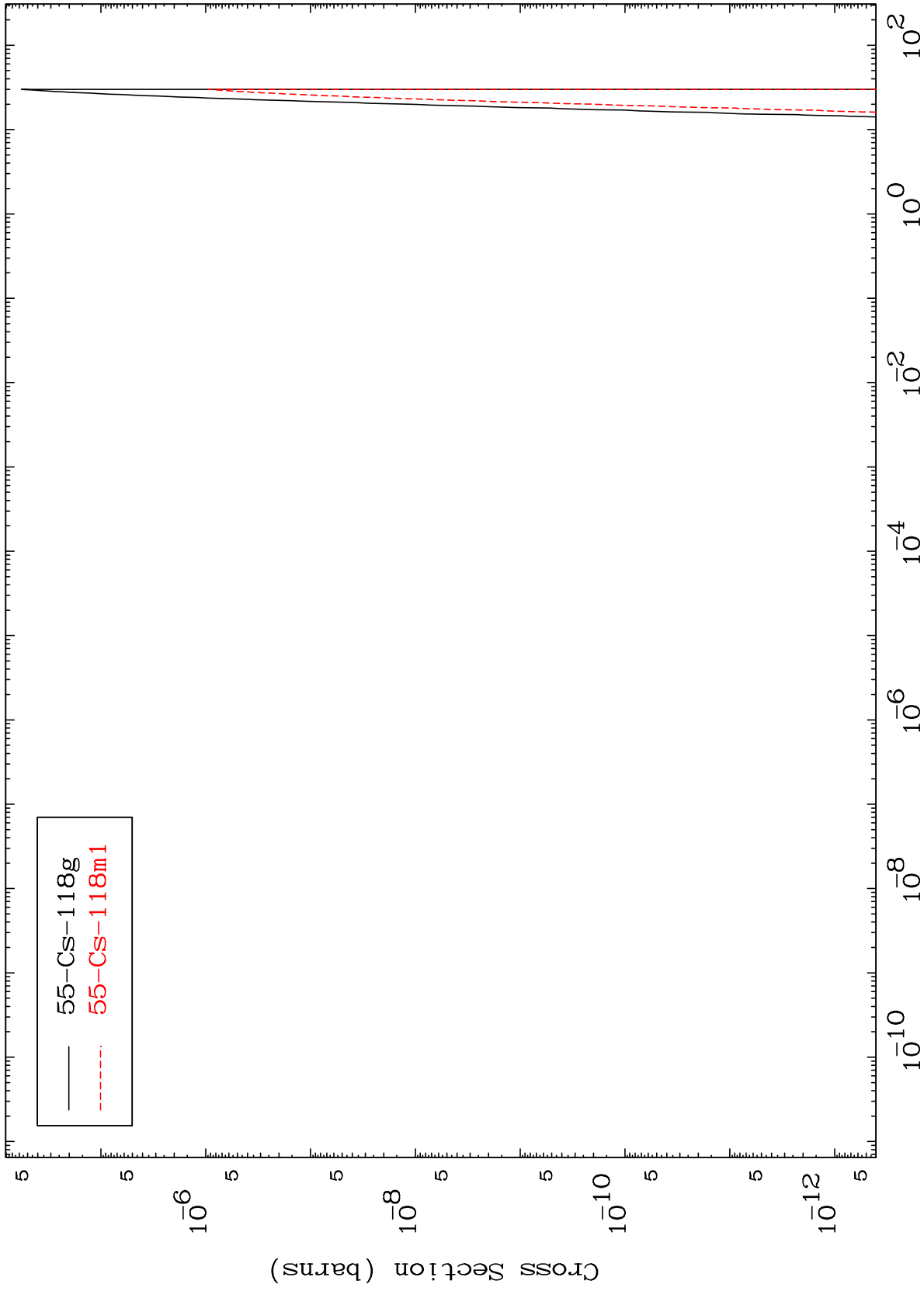
59-Pr-126

MAT 5880

(n,n') 2 α

59-Pr-126

Radionuclide Production Cross Section



22

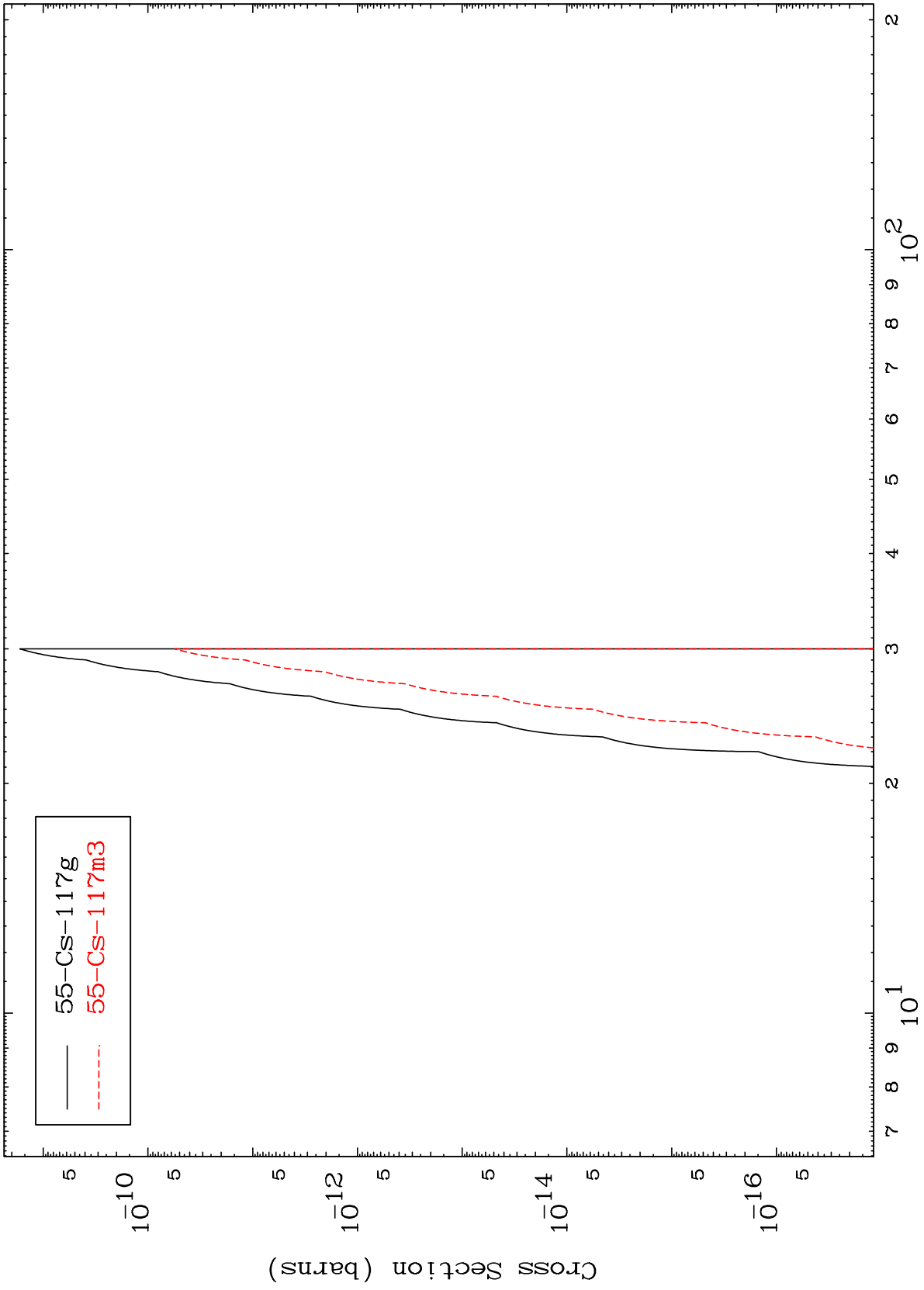
Incident Energy (MeV)

59-Pr-126

MAT 5880

Radionuclide Production Cross Section
(n,2n) 2 α

59-Pr-126



23

Incident Energy (MeV)

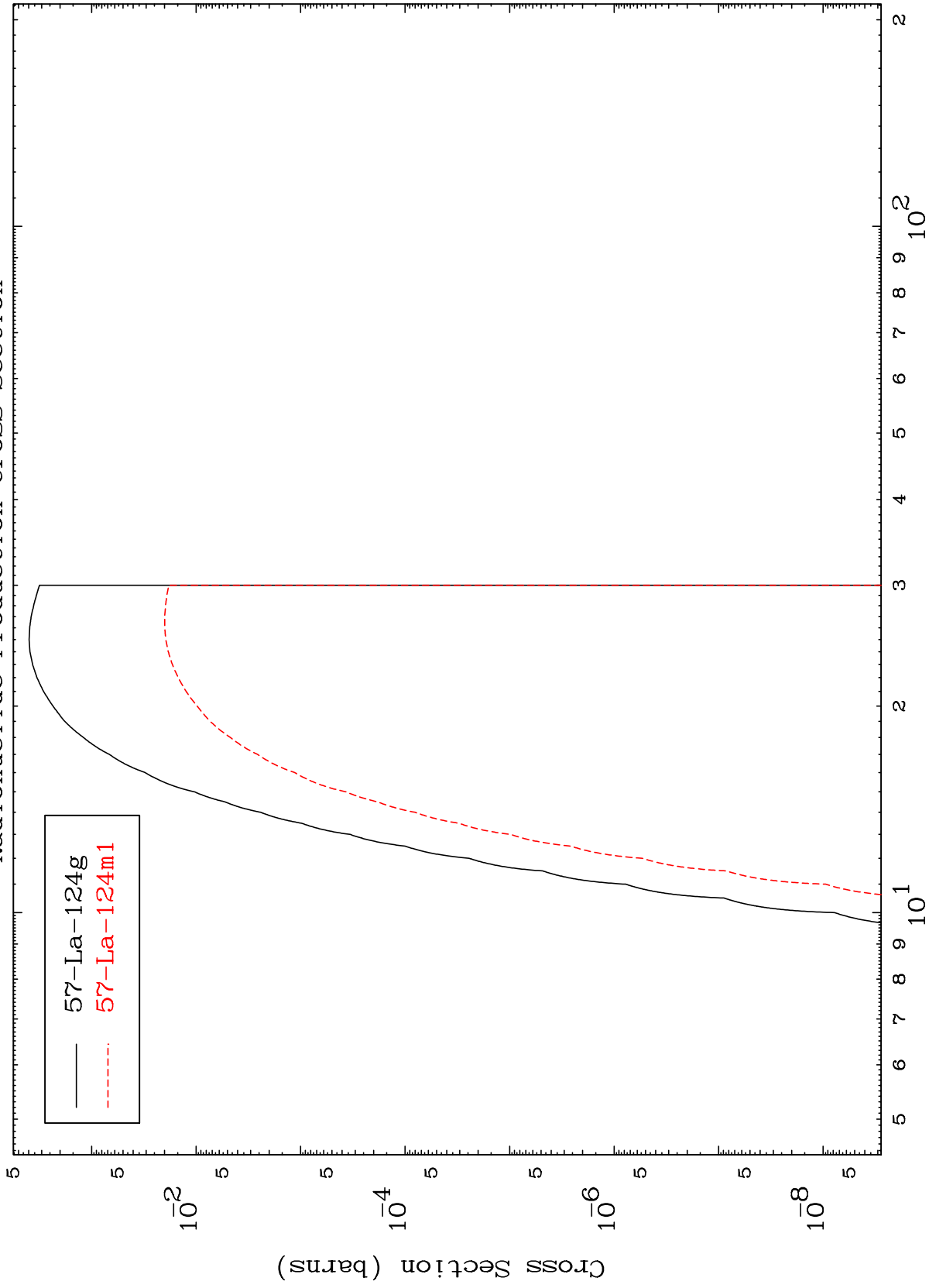
59-Pr-126

MAT 5880

(n,2n) p

59-Pr-126

Radionuclide Production Cross Section



24

Incident Energy (MeV)

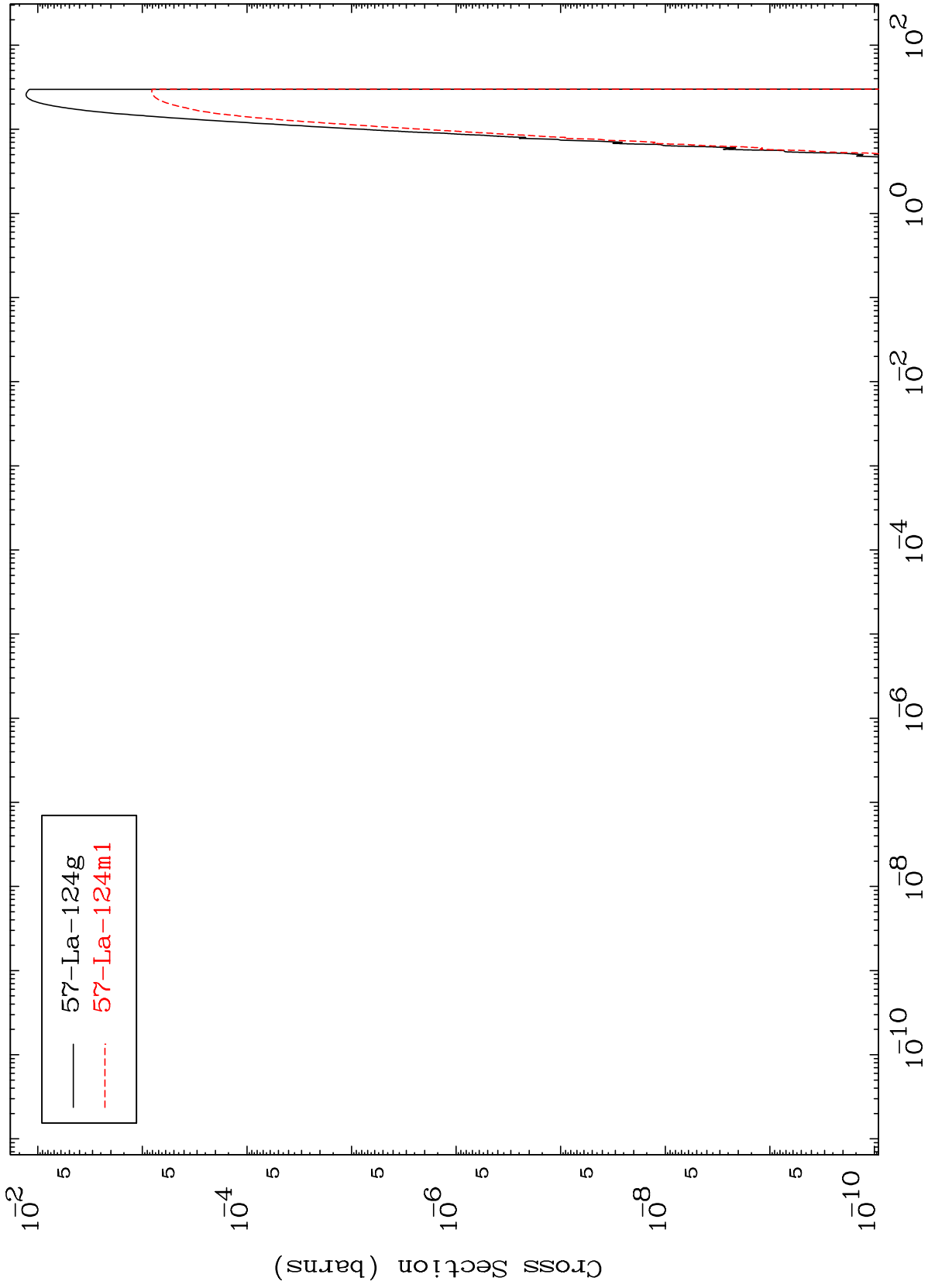
59-Pr-126

MAT 5880

(n, He-3)

59-Pr-126

Radionuclide Production Cross Section



25

Incident Energy (MeV)

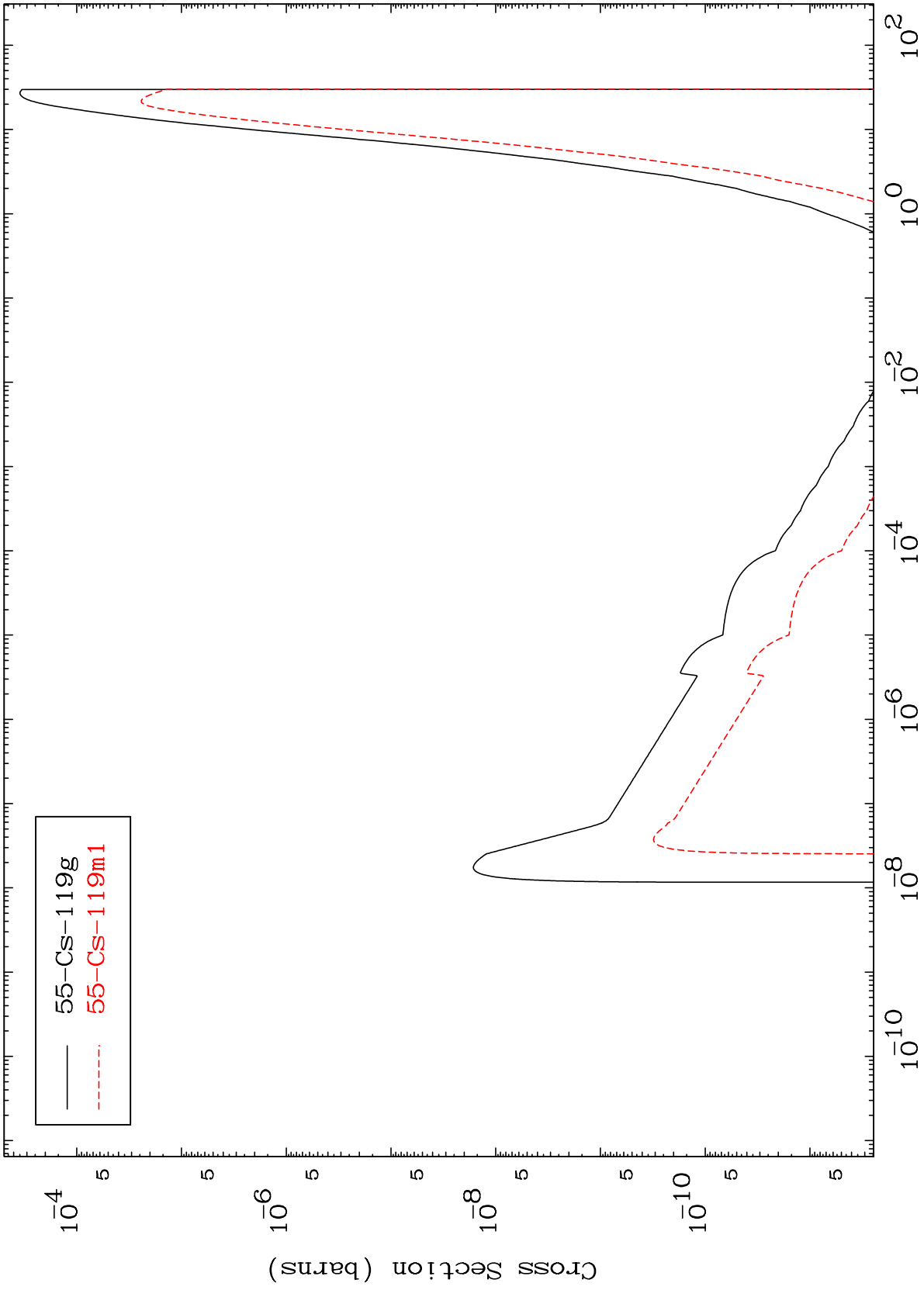
59-Pr-126

MAT 5880

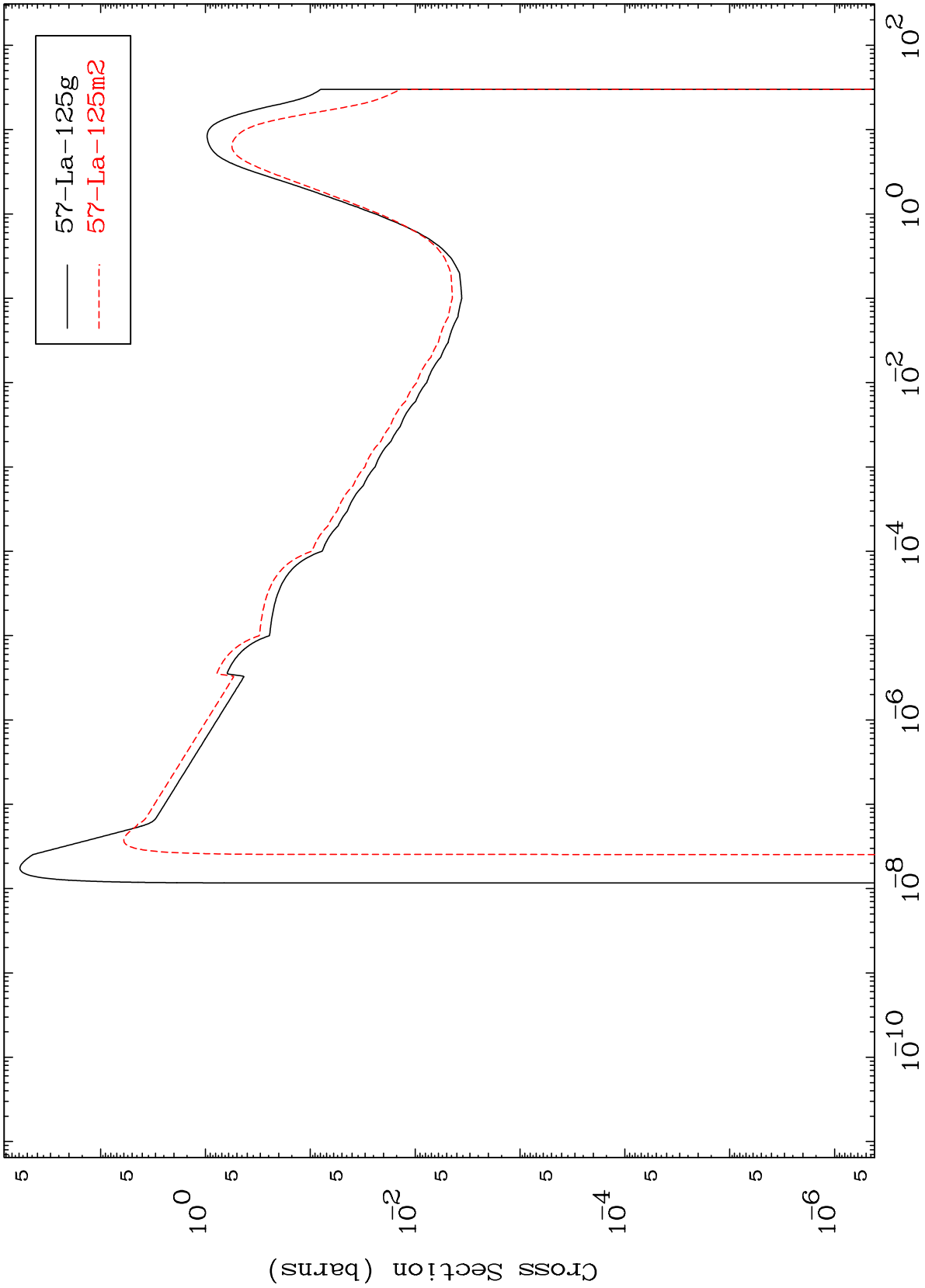
(n,2α)

59-Pr-126

Radionuclide Production Cross Section



Radionuclide Production Cross Section

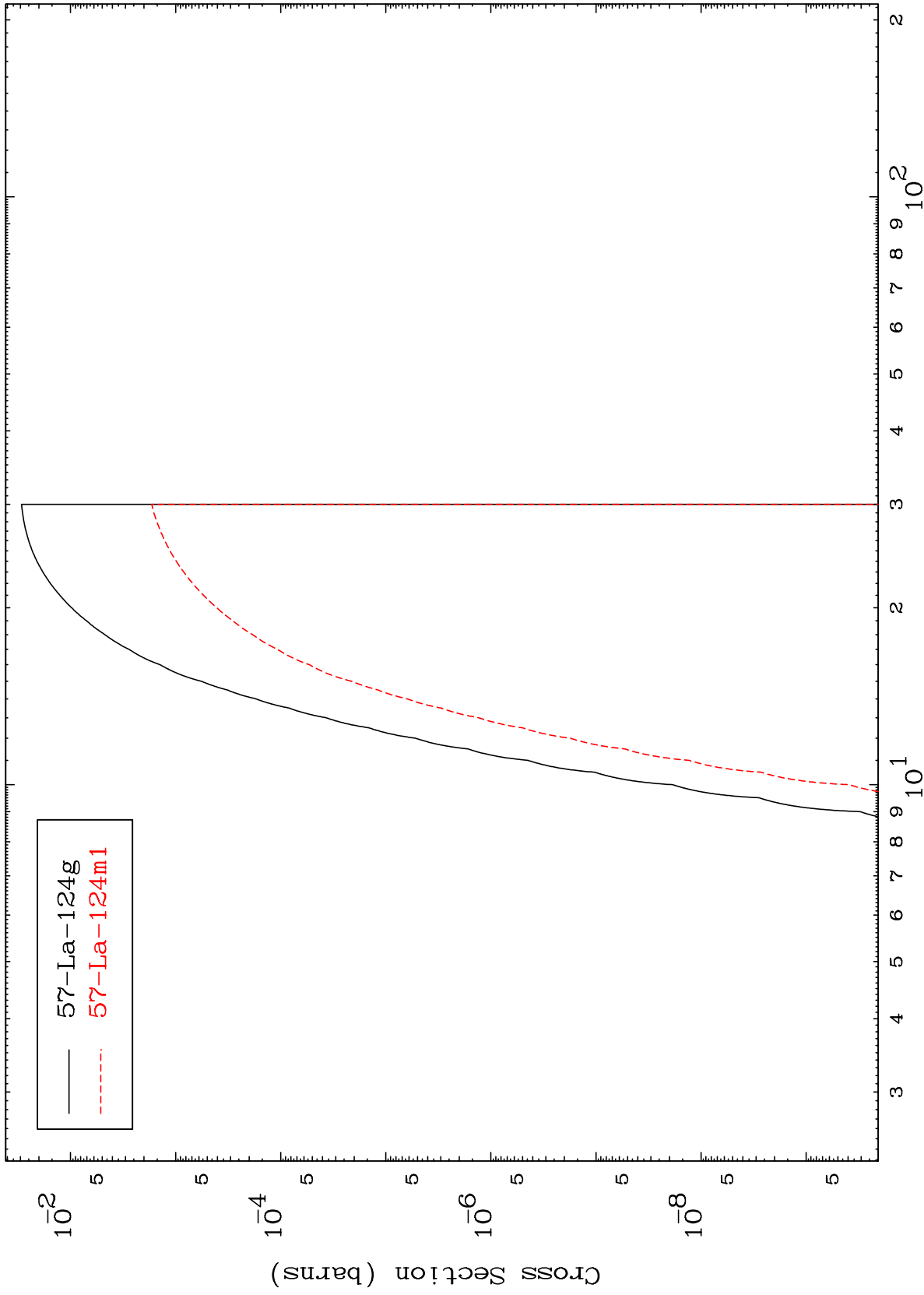


MAT 5880

(n,p) d

59-Pr-126

Radionuclide Production Cross Section



28

Incident Energy (MeV)

59-Pr-126