

Program EVALPLOT
(Version 2015-2)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

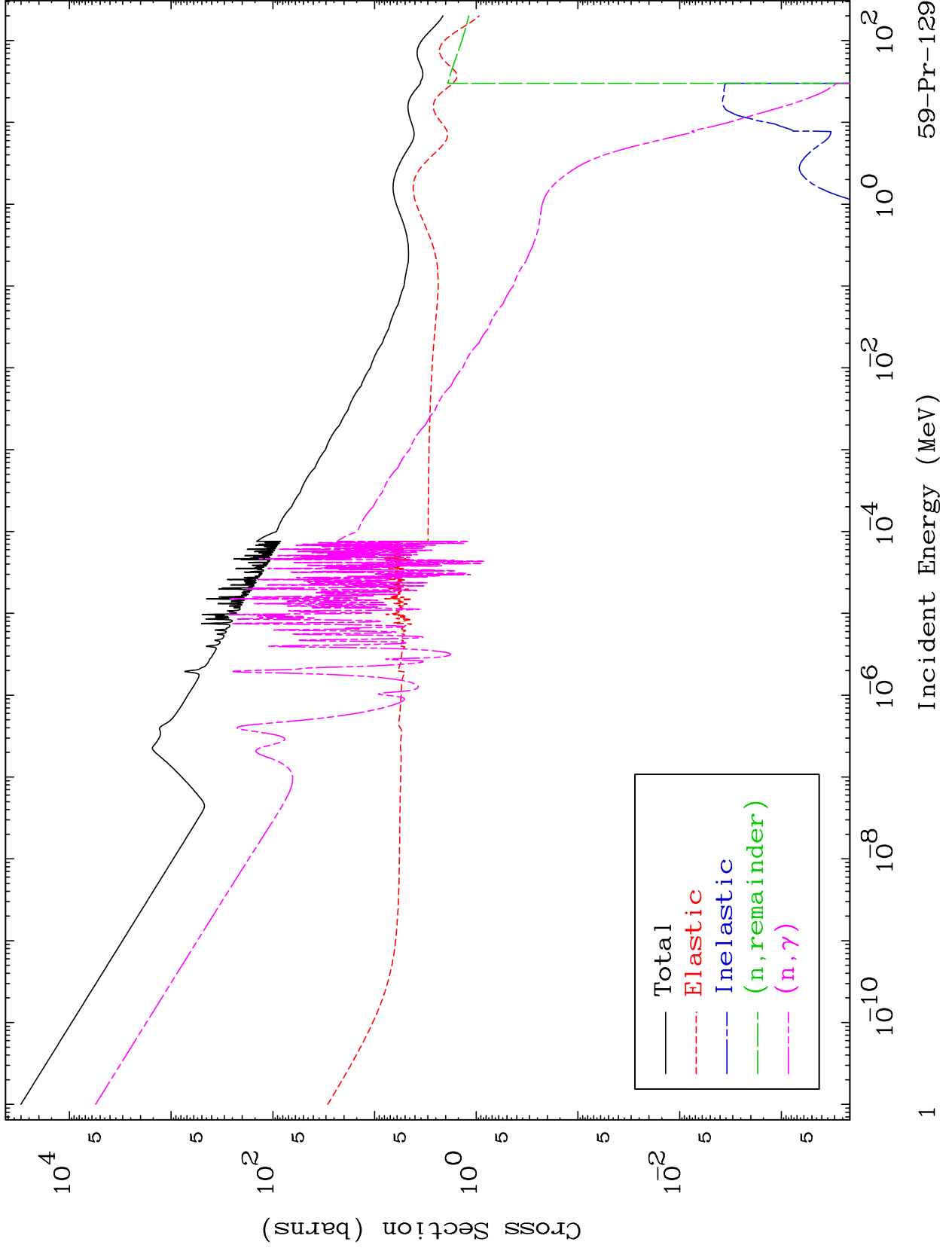
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5889

Major
293 Kelvin Cross Sections

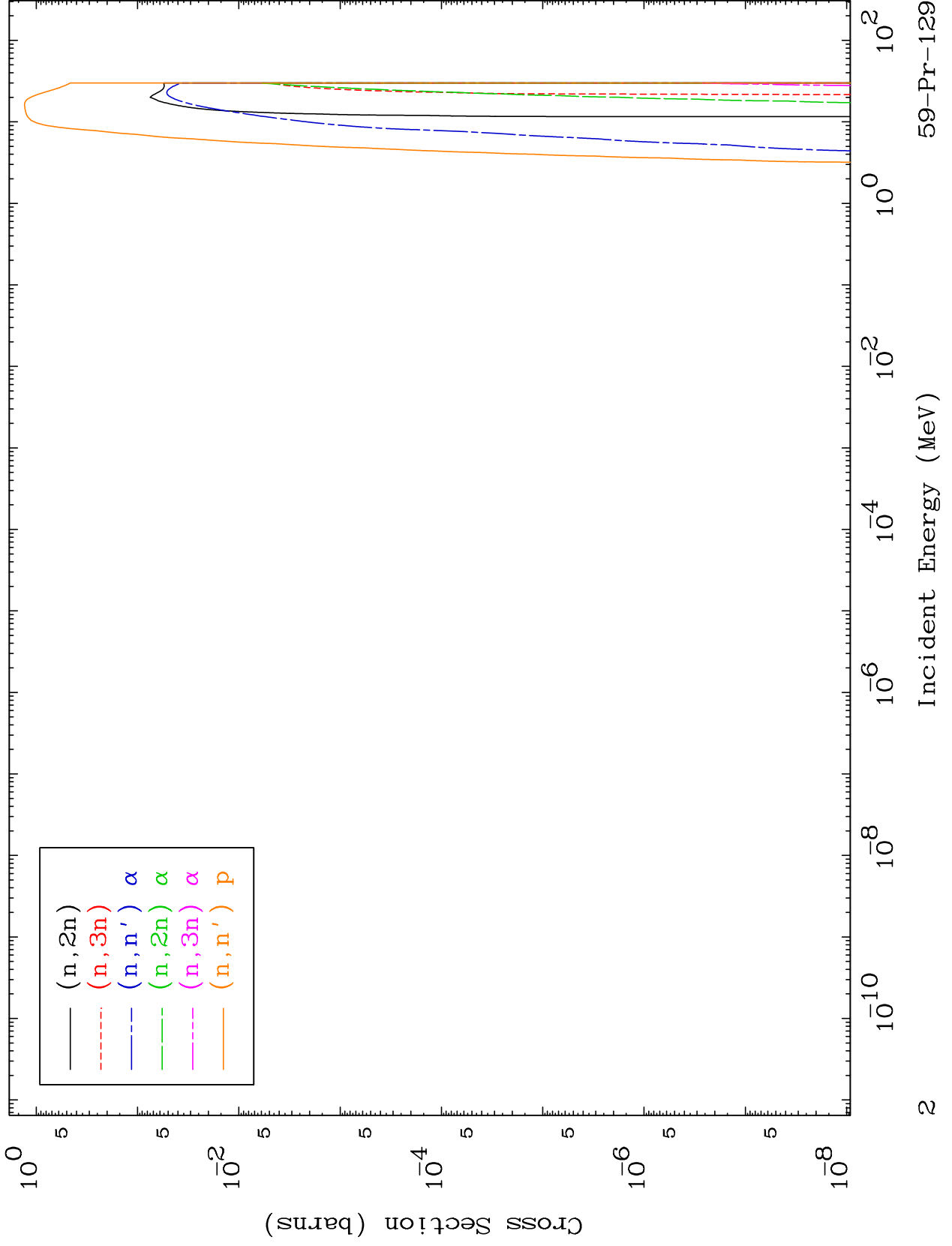
59-Pr-129



MAT 5889

Neutron Production
293 Kelvin Cross Sections

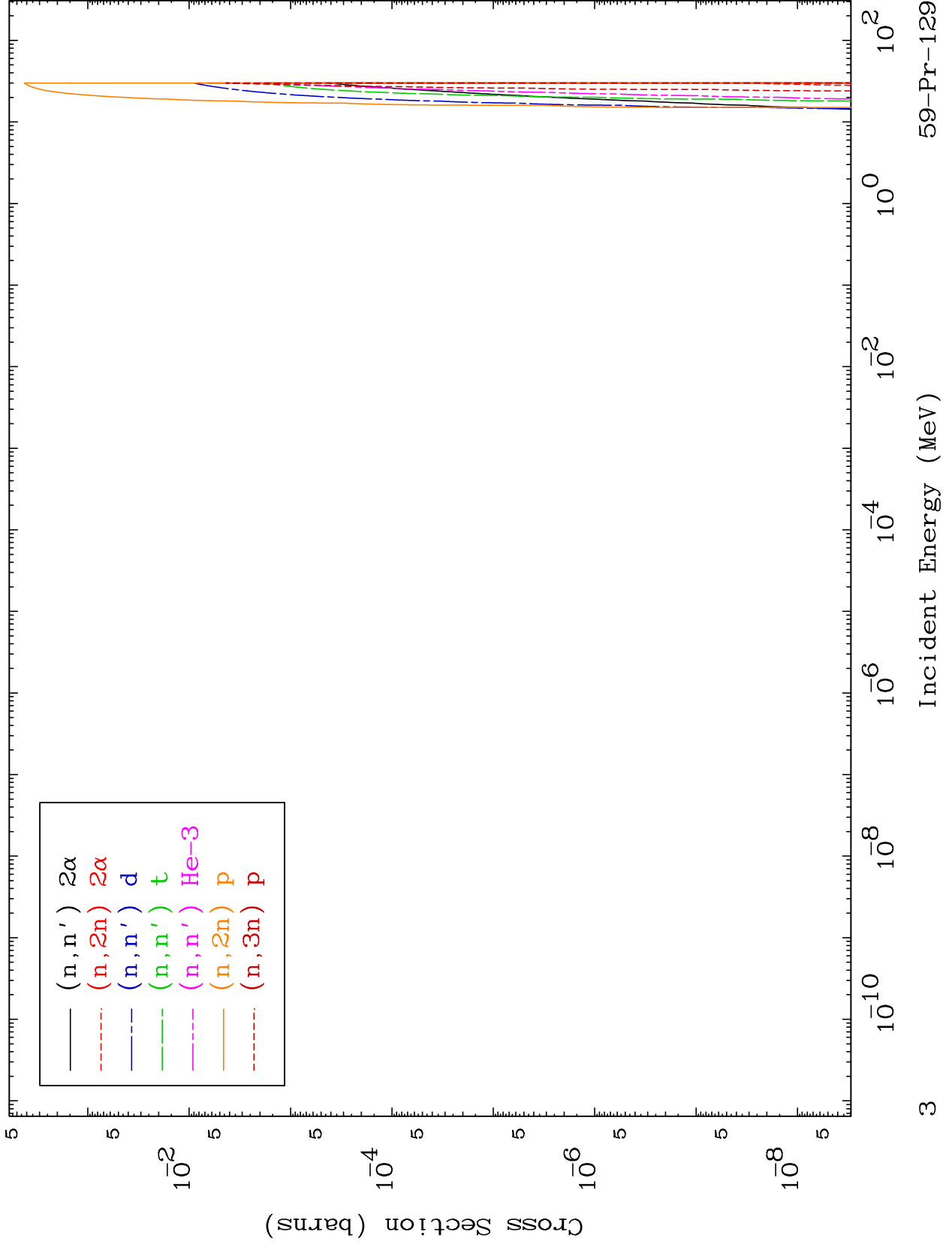
59-Pr-129



MAT 5889

Neutron Production
293 Kelvin Cross Sections

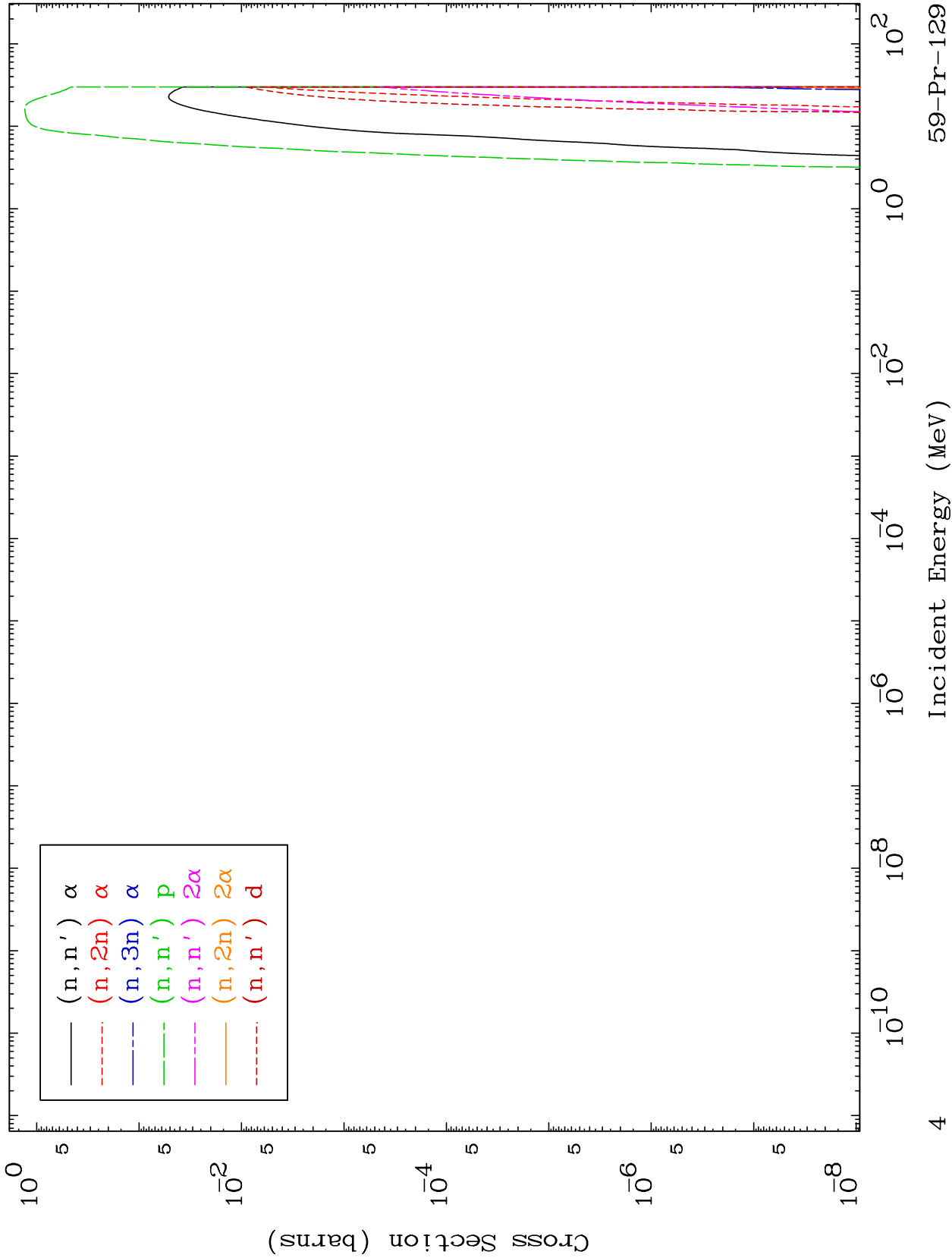
59-Pr-129

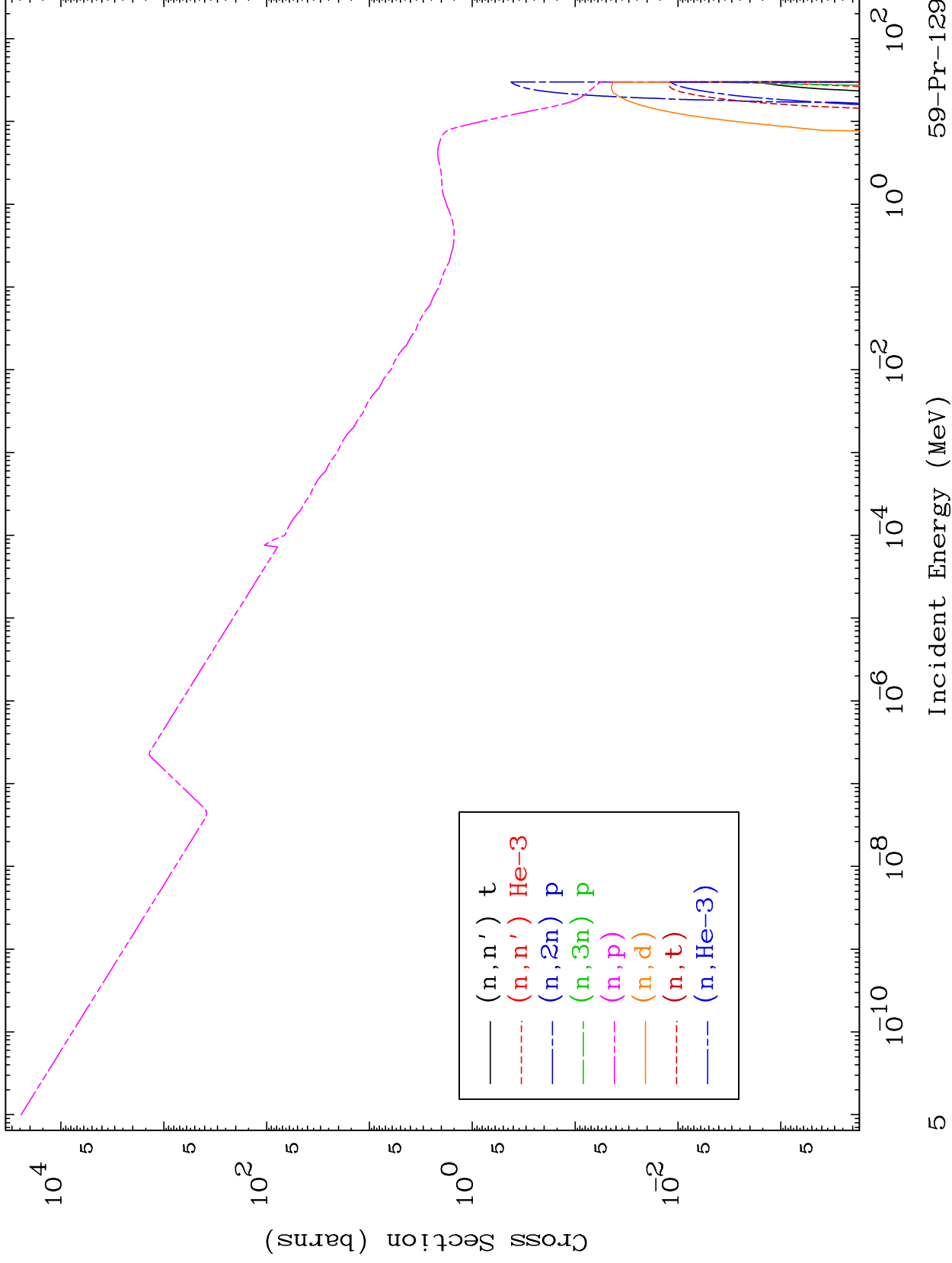


MAT 5889

Charged Particle
293 Kelvin Cross Sections

59-Pr-129

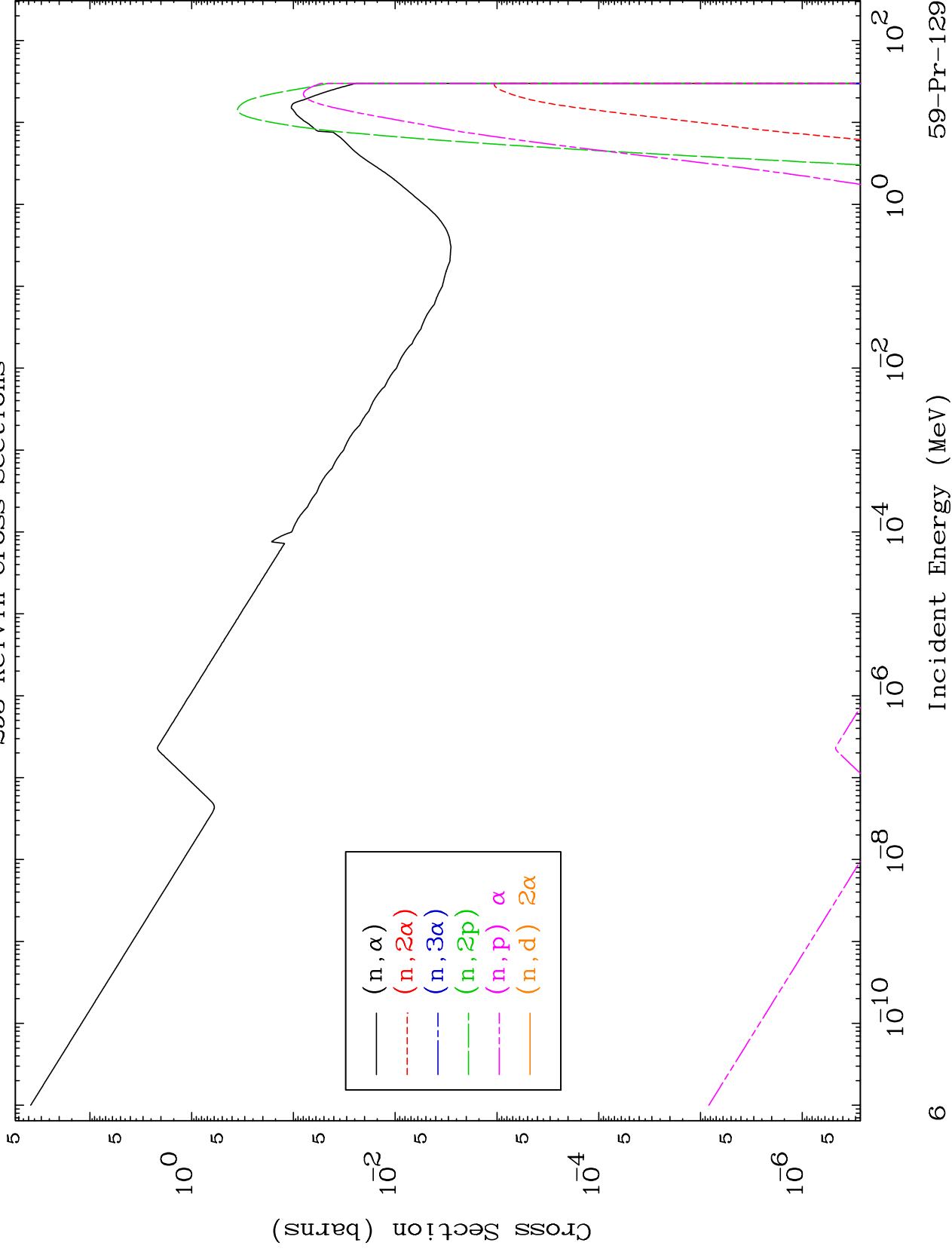




MAT 5889

Charged Particle
293 Kelvin Cross Sections

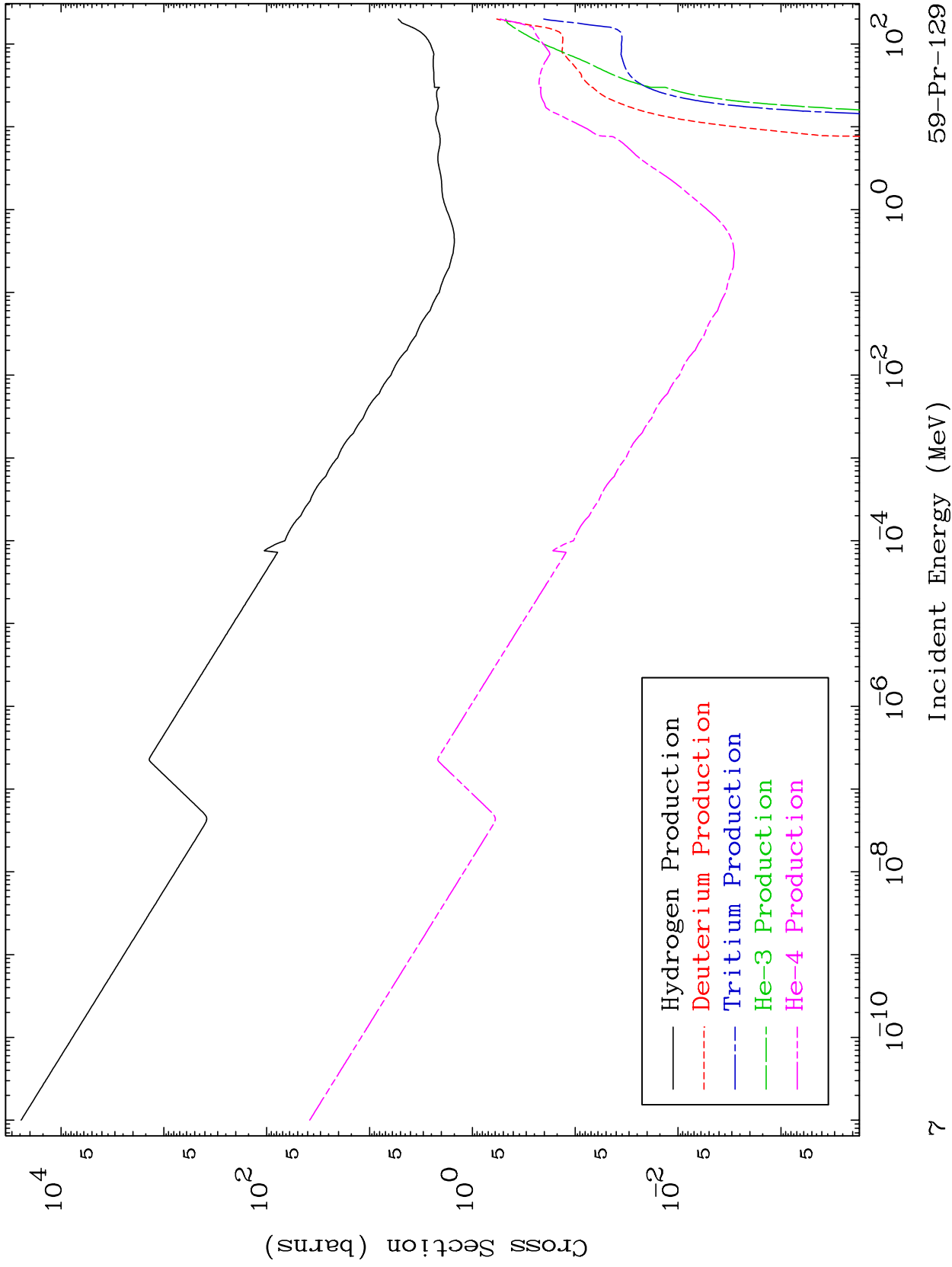
59-Pr-129

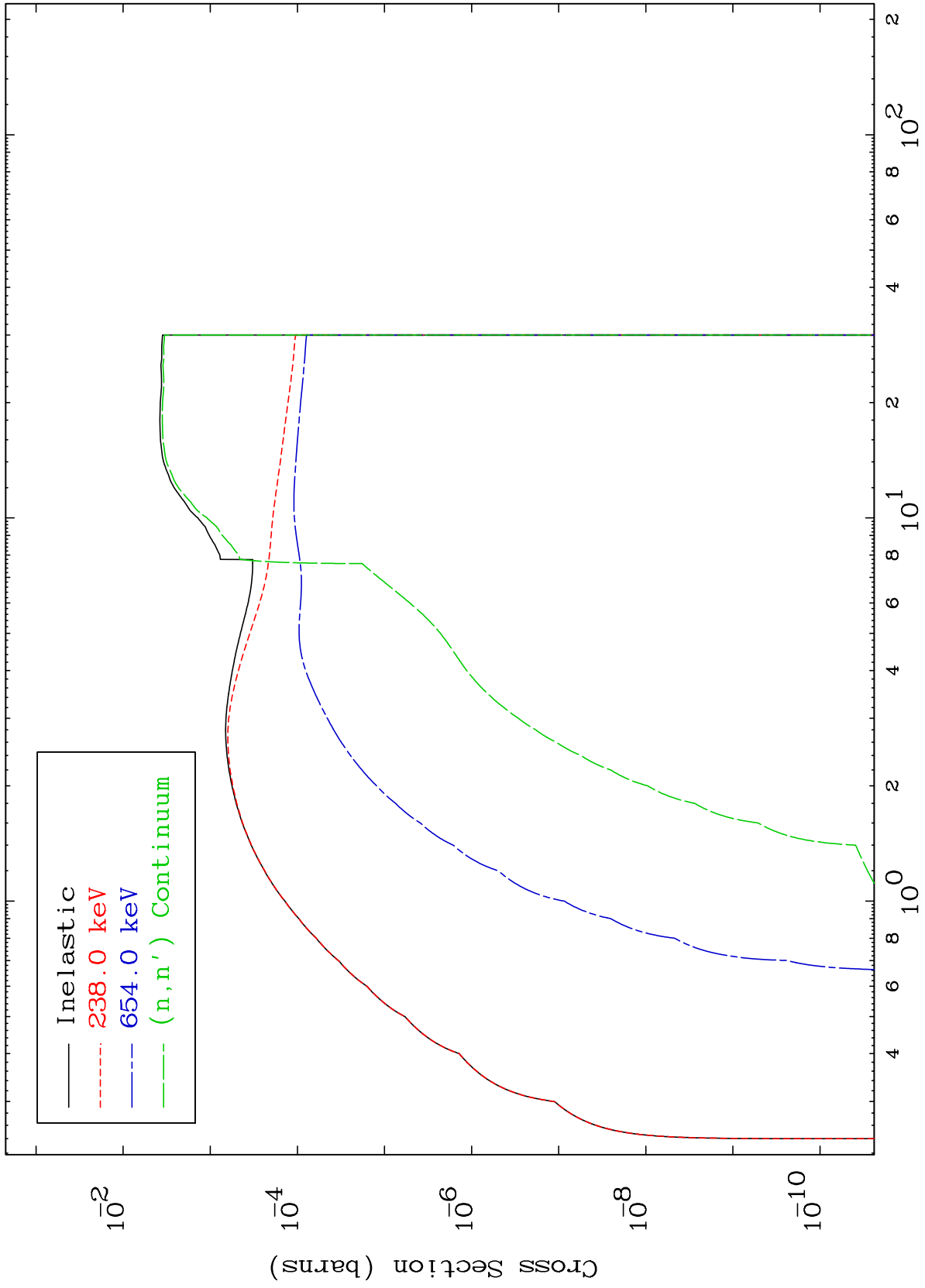


MAT 5889

Particle Production
293 Kelvin Cross Sections

59-Pr-129

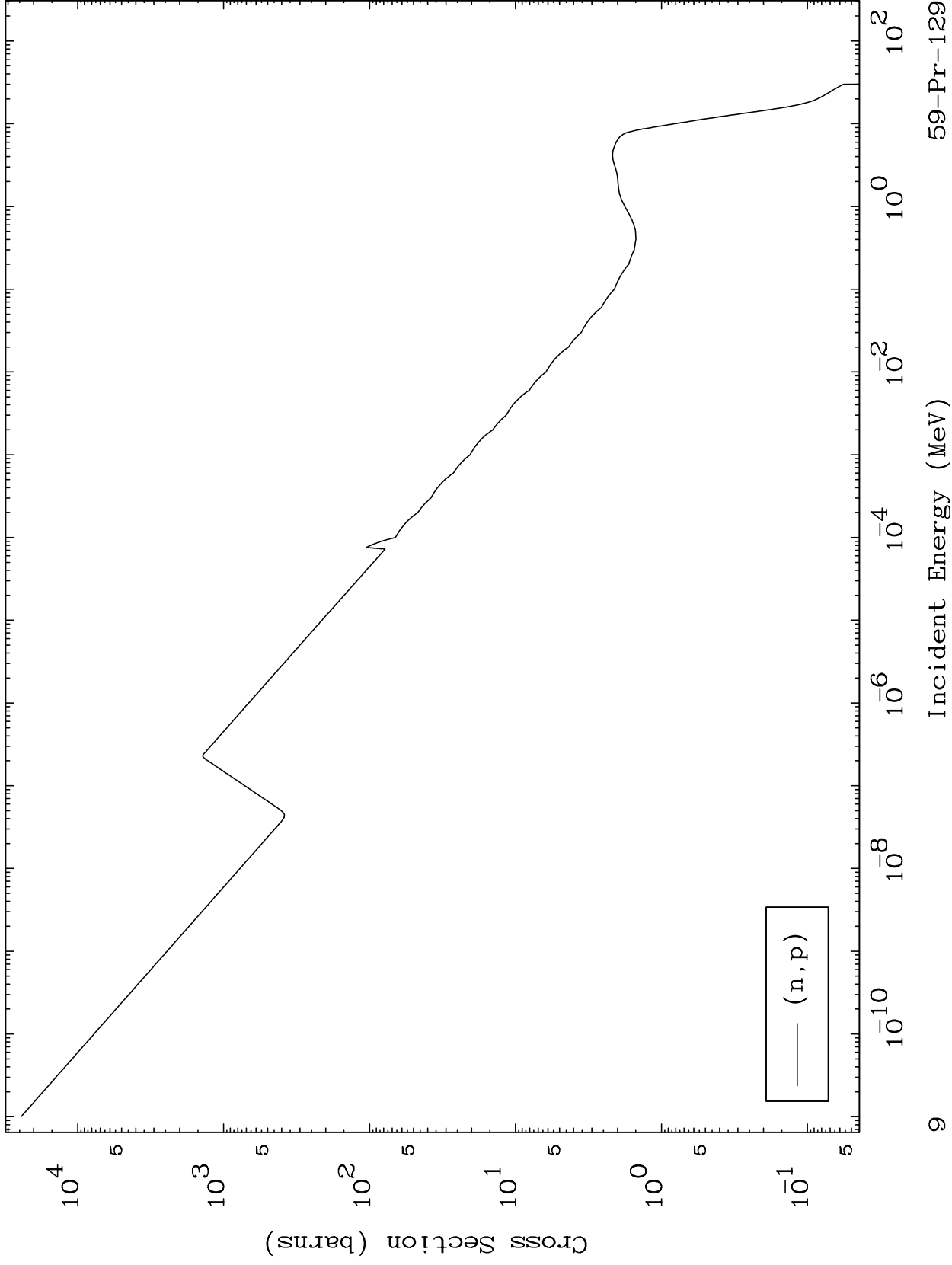




MAT 5889

(n,p) Levels
293 Kelvin Cross Sections

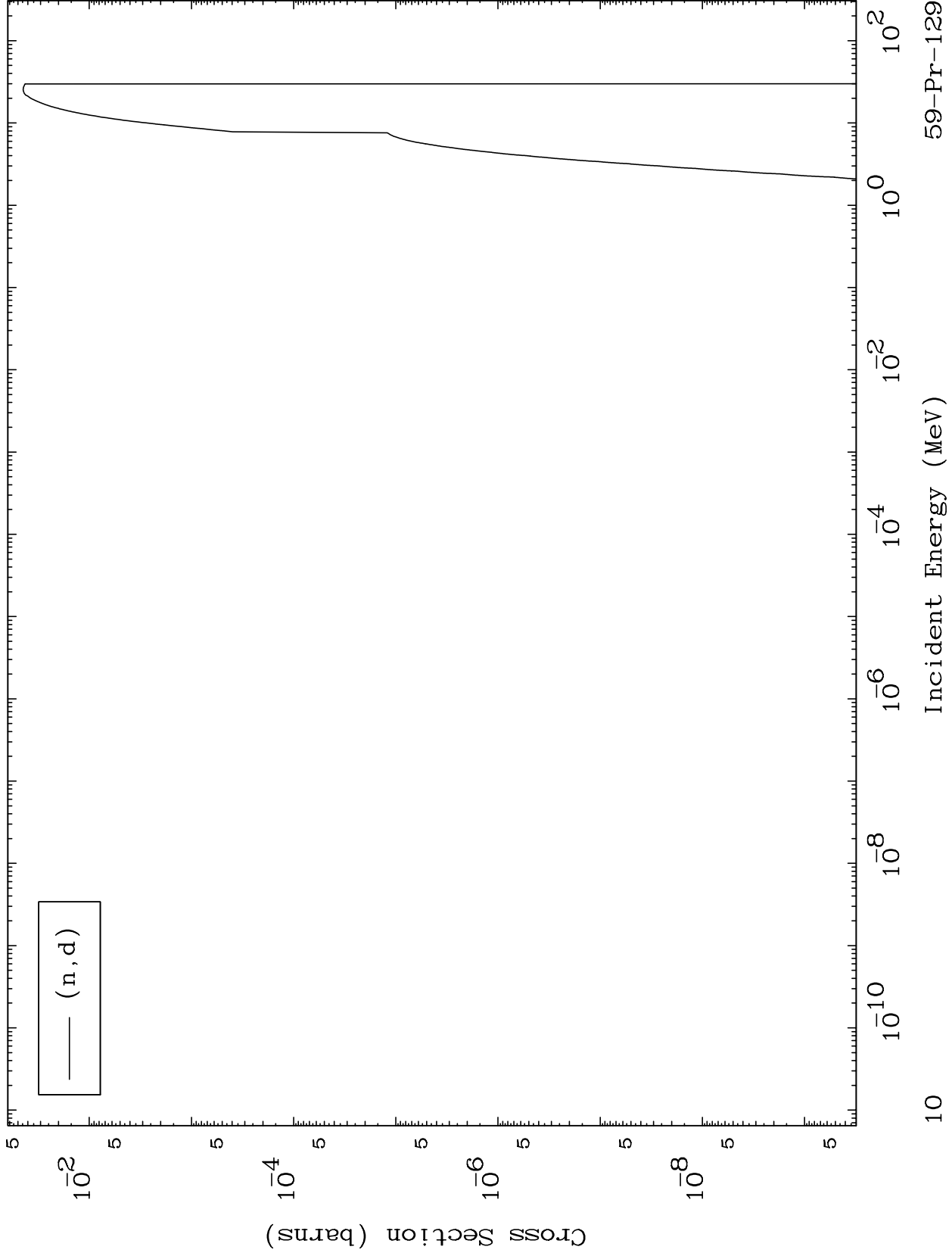
59-Pr-129



MAT 5889

(n,d) Levels
293 Kelvin Cross Sections

59-Pr-129



10

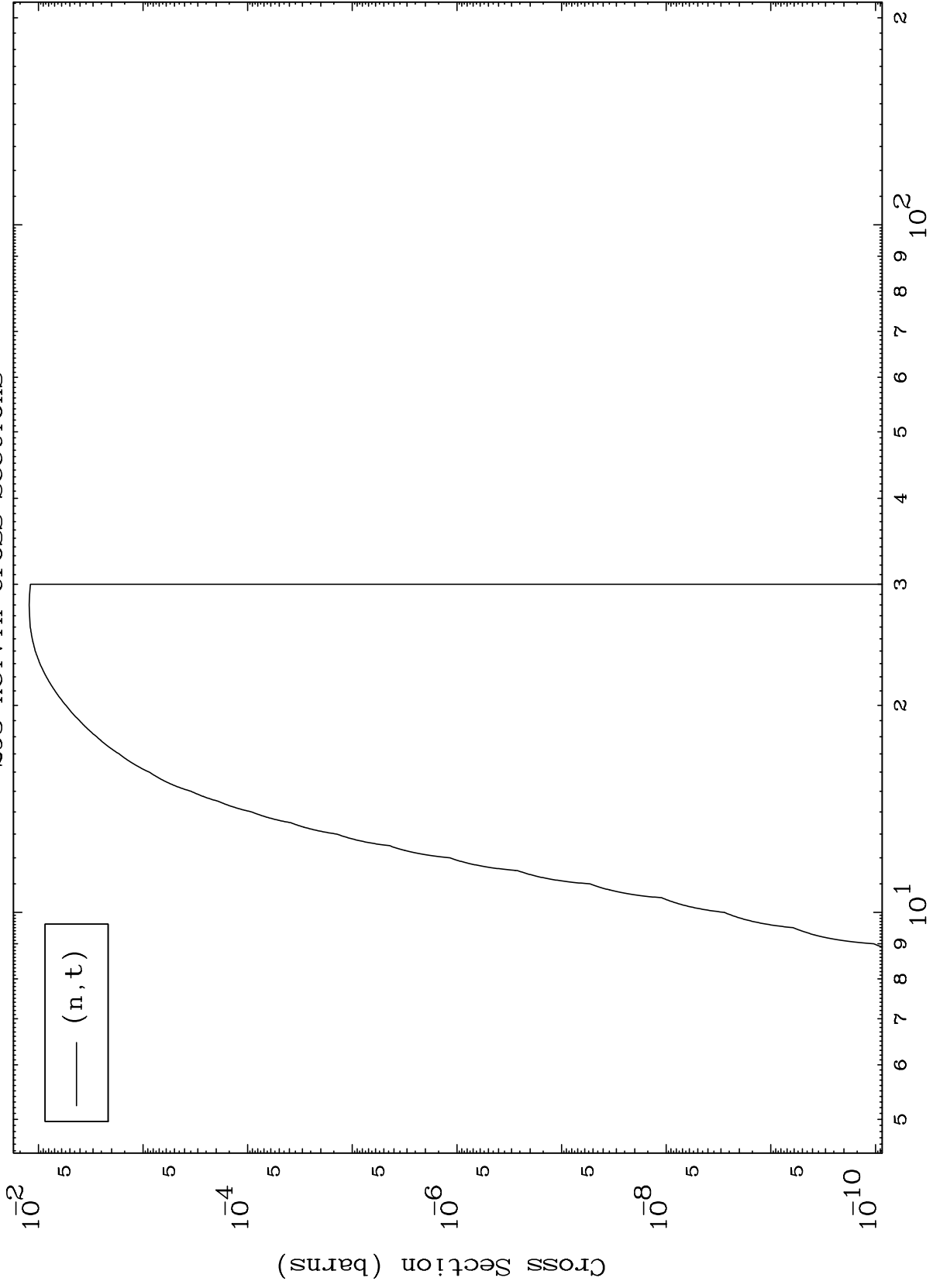
Incident Energy (MeV)

59-Pr-129

MAT 5889

(n,t) Levels
293 Kelvin Cross Sections

59-Pr-129

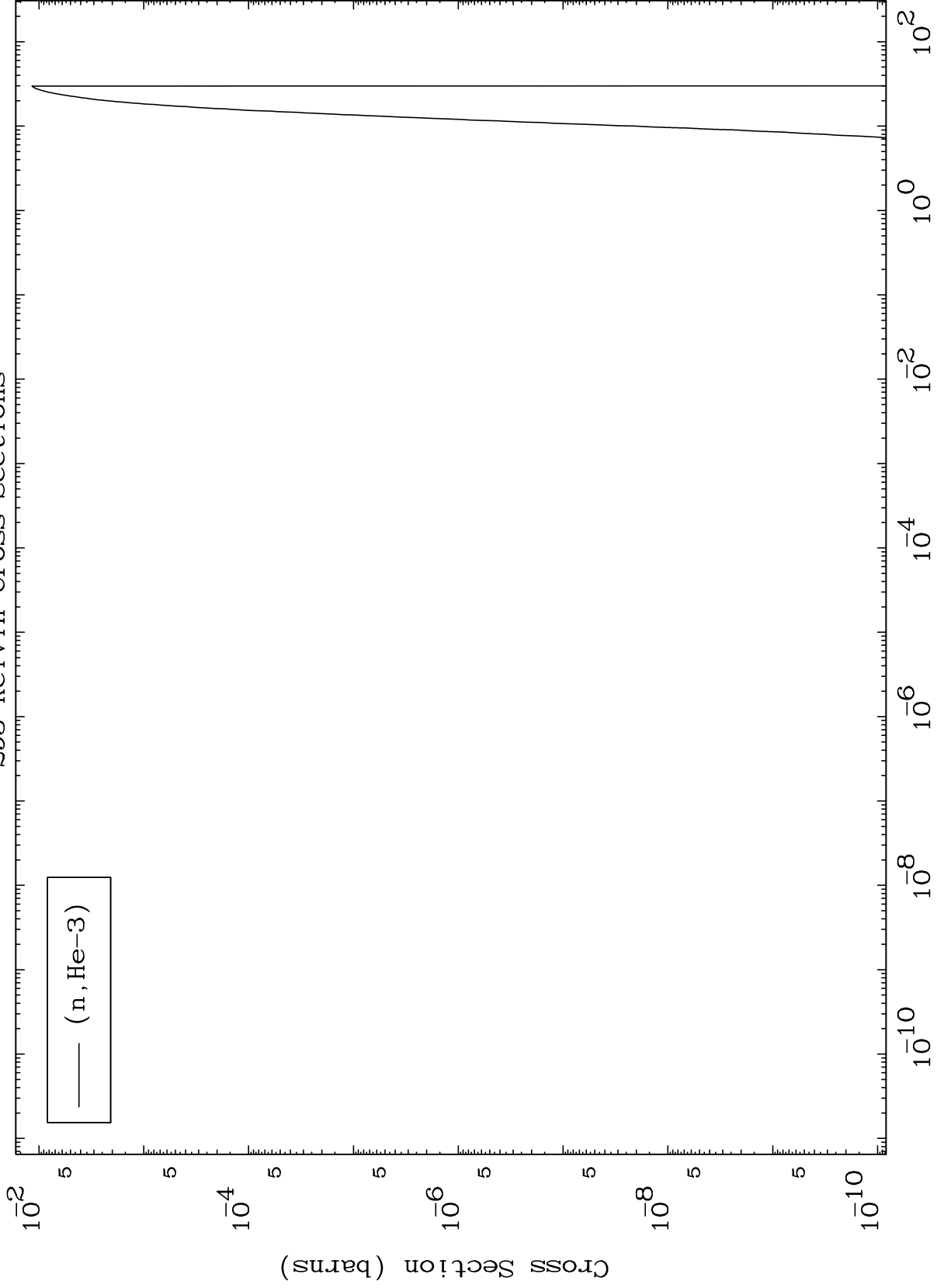


(n,t)

MAT 5889

(n,He3) Levels
293 Kelvin Cross Sections

59-Pr-129



12

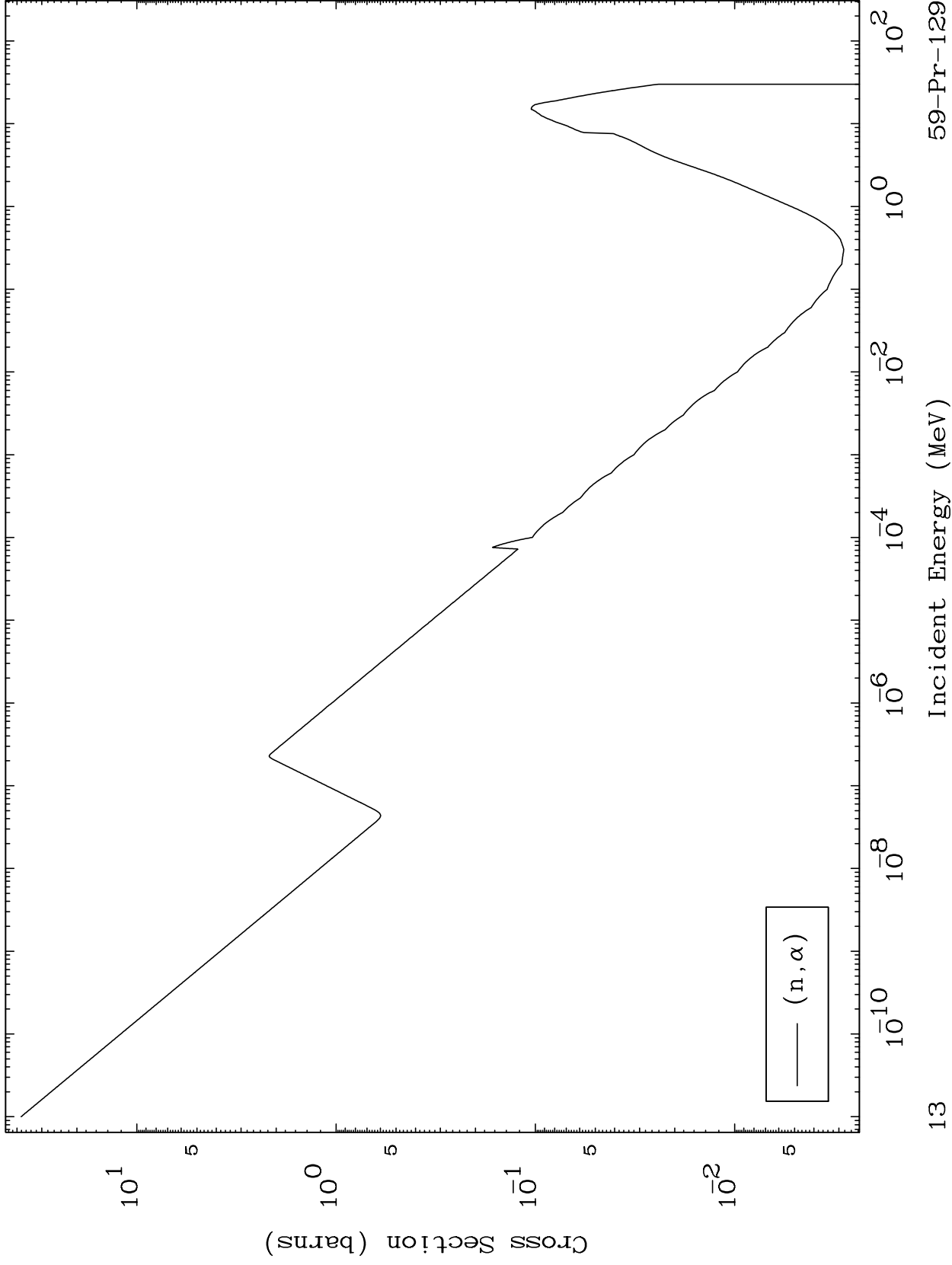
Incident Energy (MeV)

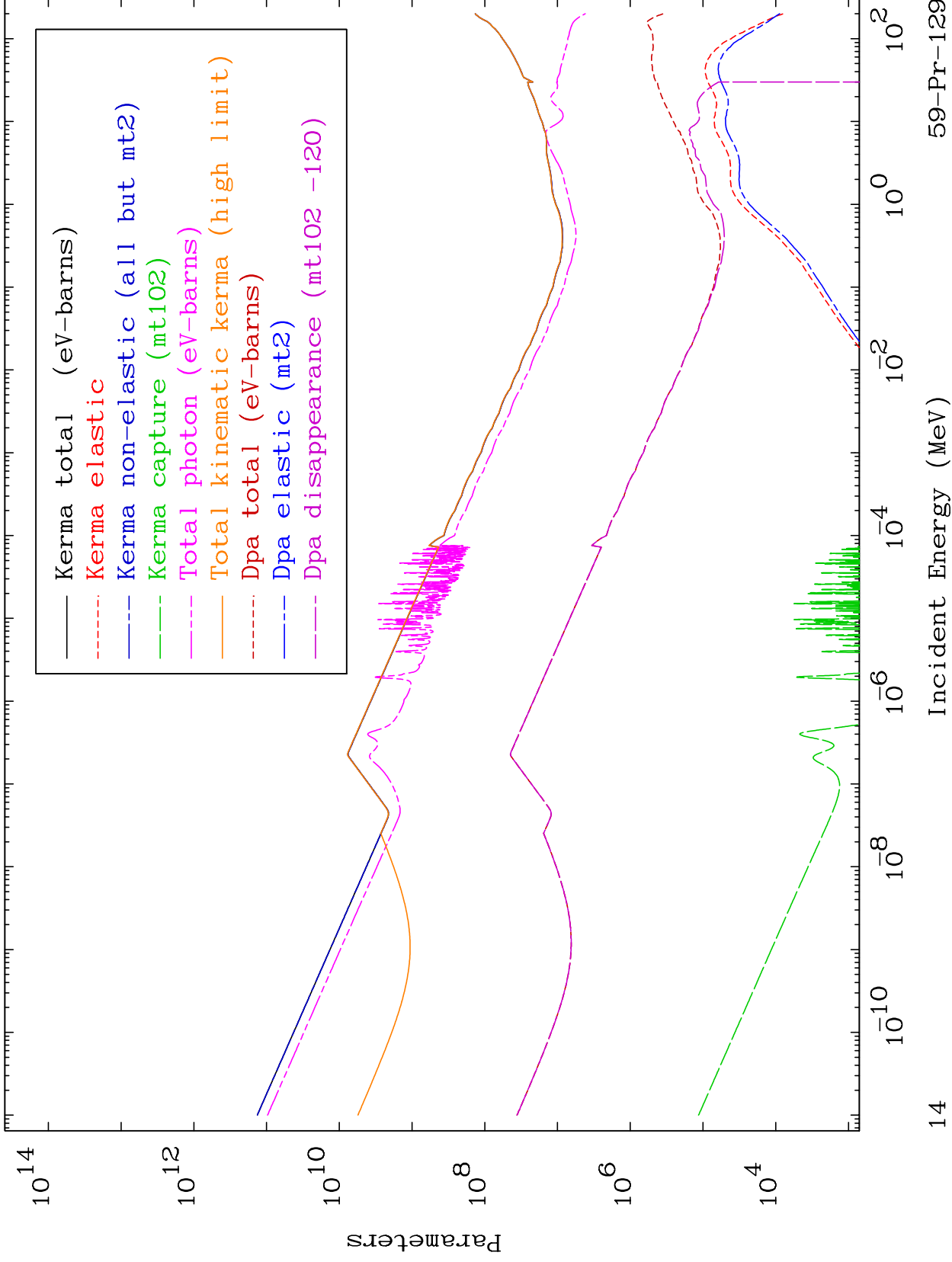
59-Pr-129

MAT 5889

(n, α) Levels
293 Kelvin Cross Sections

59-Pr-129

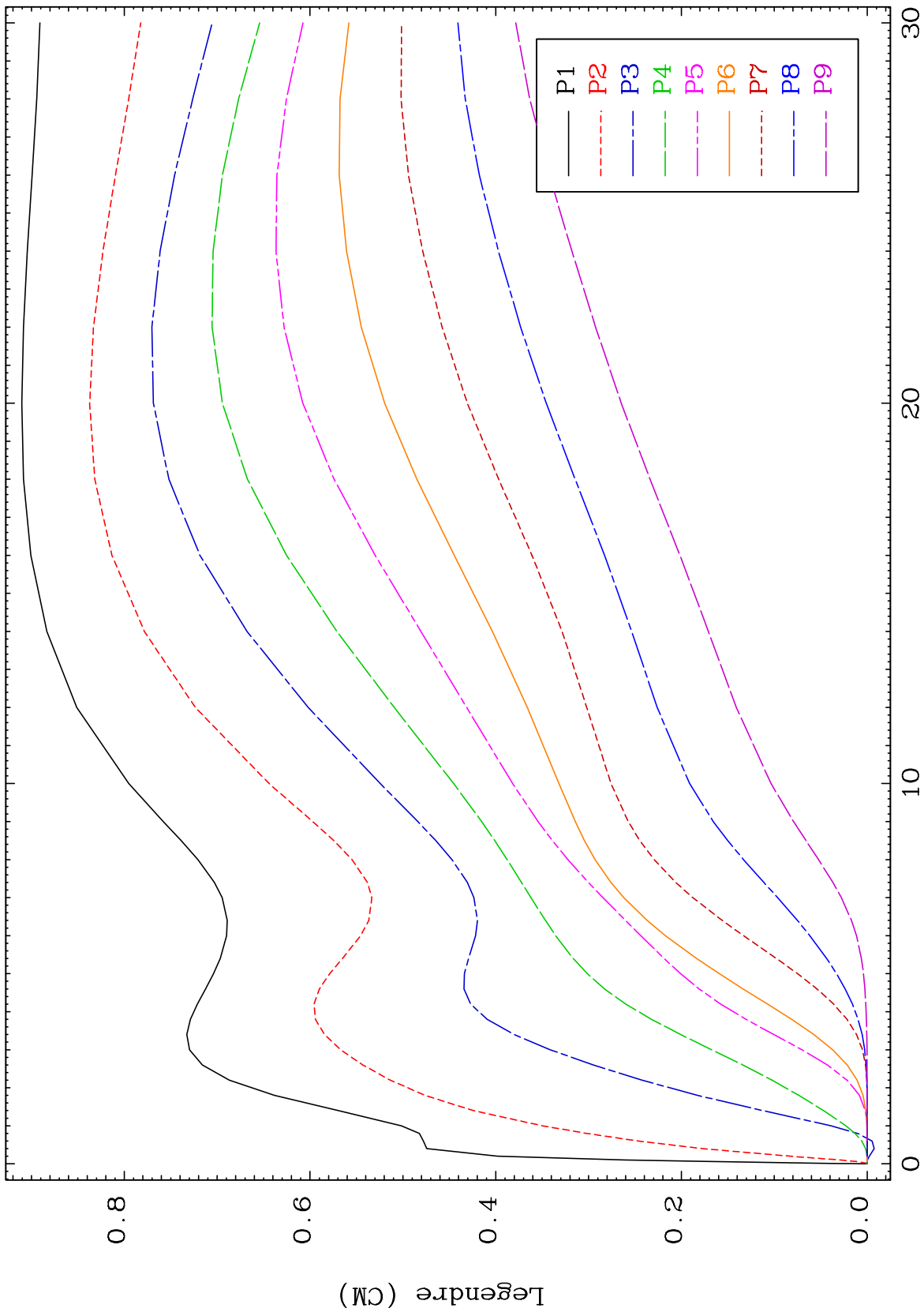




MAT 5889

Elastic Legendre Coefficients

59-Pr-129



15

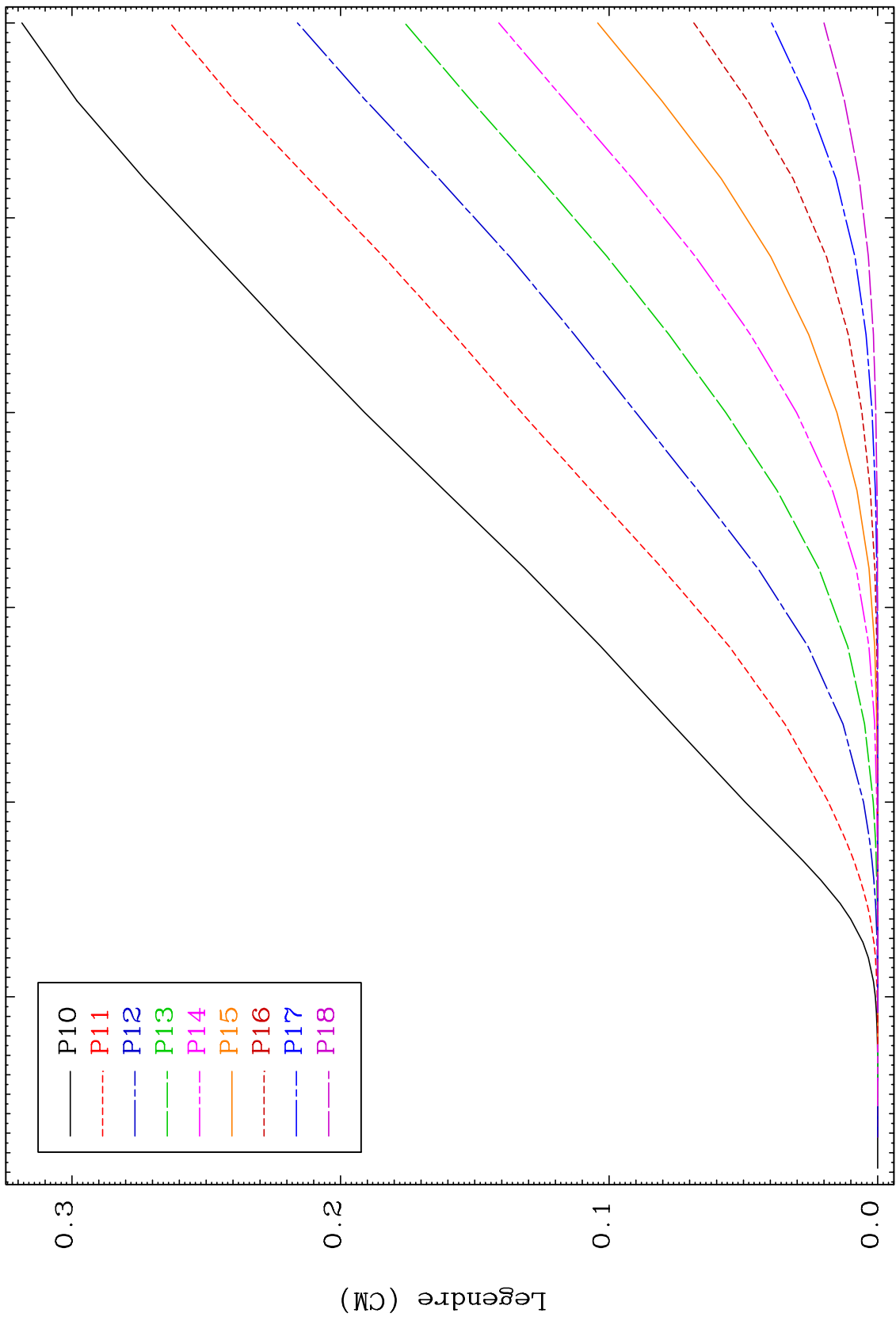
Incident Energy (MeV)

59-Pr-129

MAT 5889

Elastic Legendre Coefficients

59-Pr-129



16

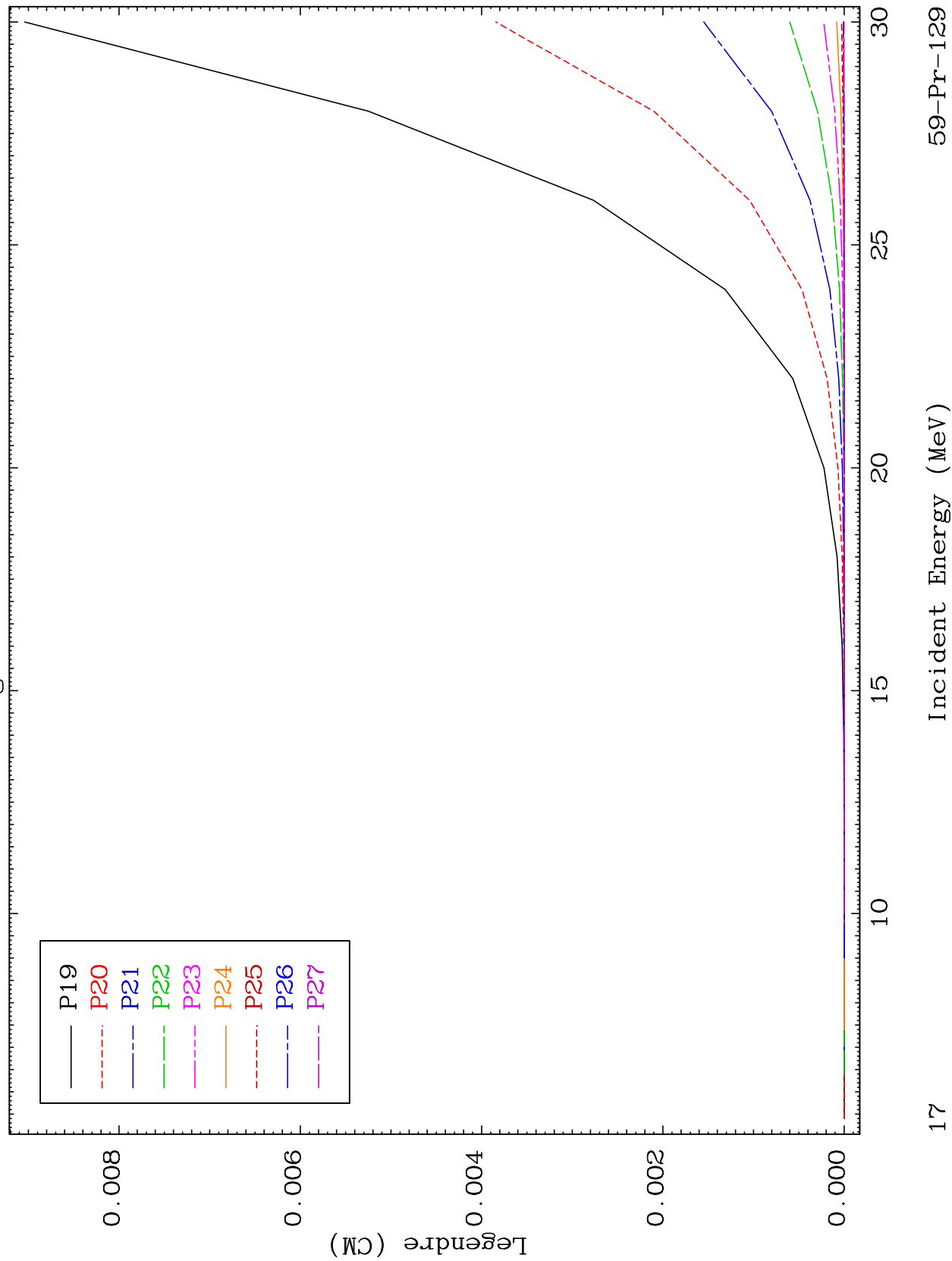
Incident Energy (MeV)

59-Pr-129

MAT 5889

Elastic Legendre Coefficients

59-Pr-129



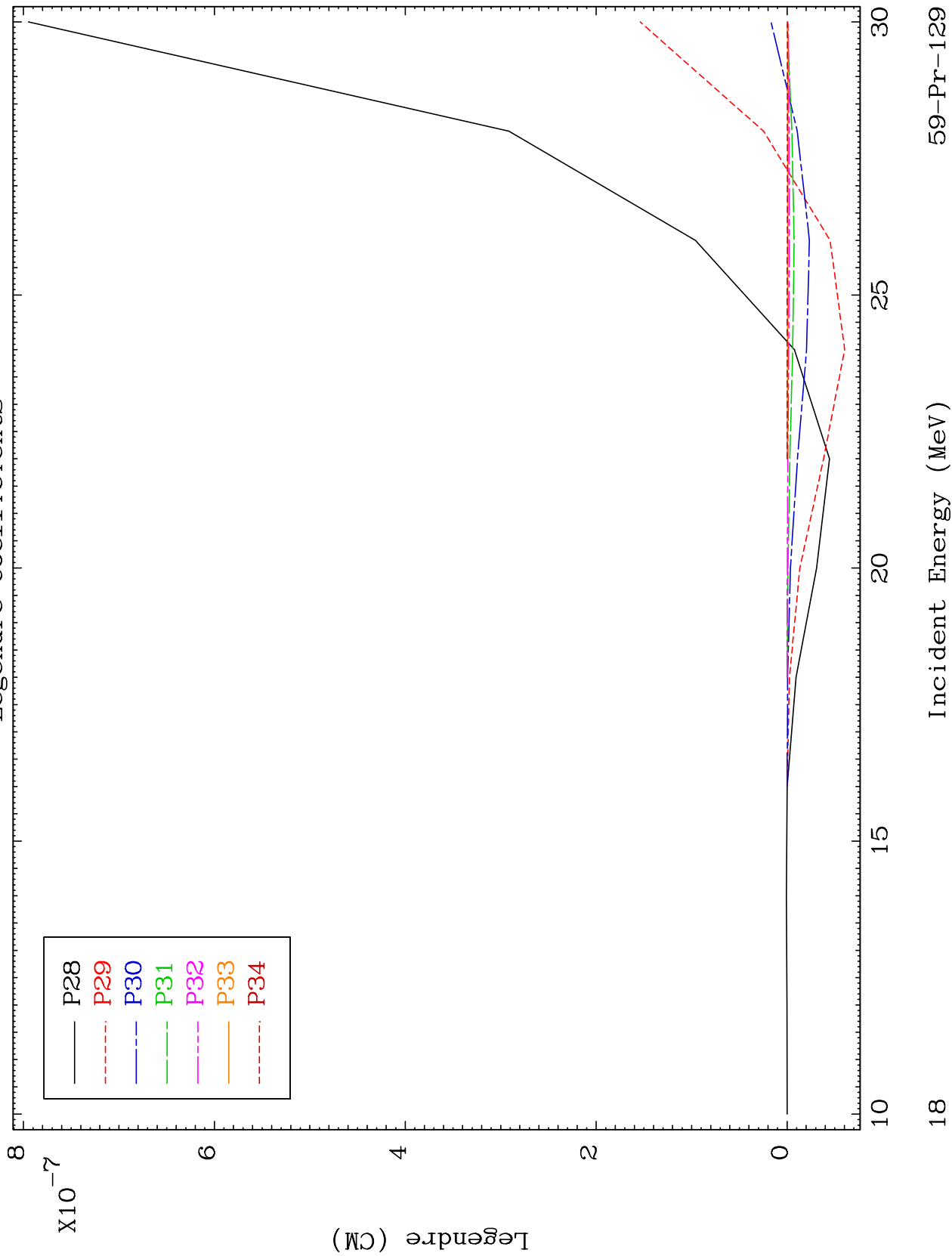
17

59-Pr-129

MAT 5889

Elastic Legendre Coefficients

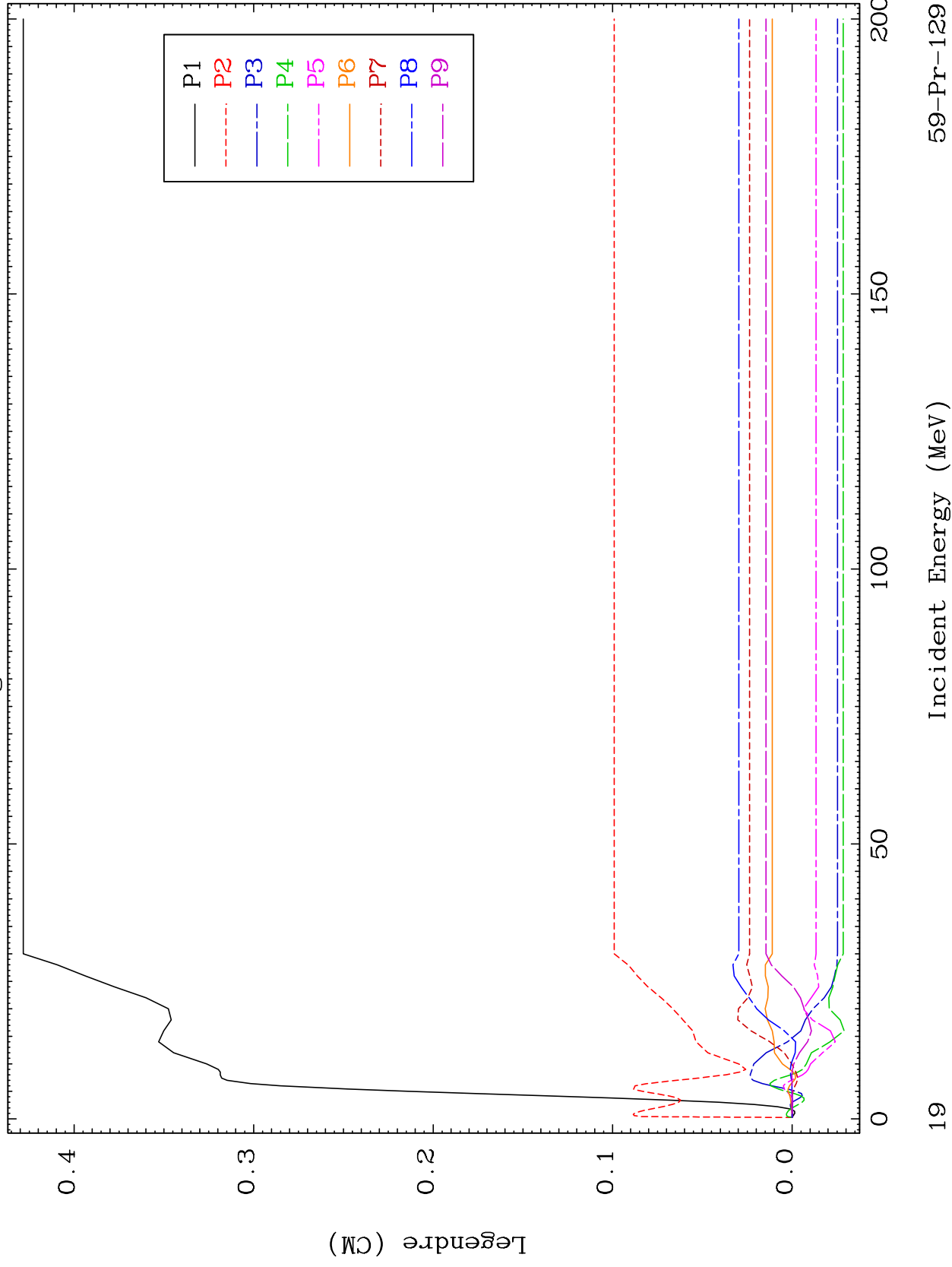
59-Pr-129



MAT 5889

238.0 keV (n,n') Level
Legendre Coefficients

59-Pr-129



19

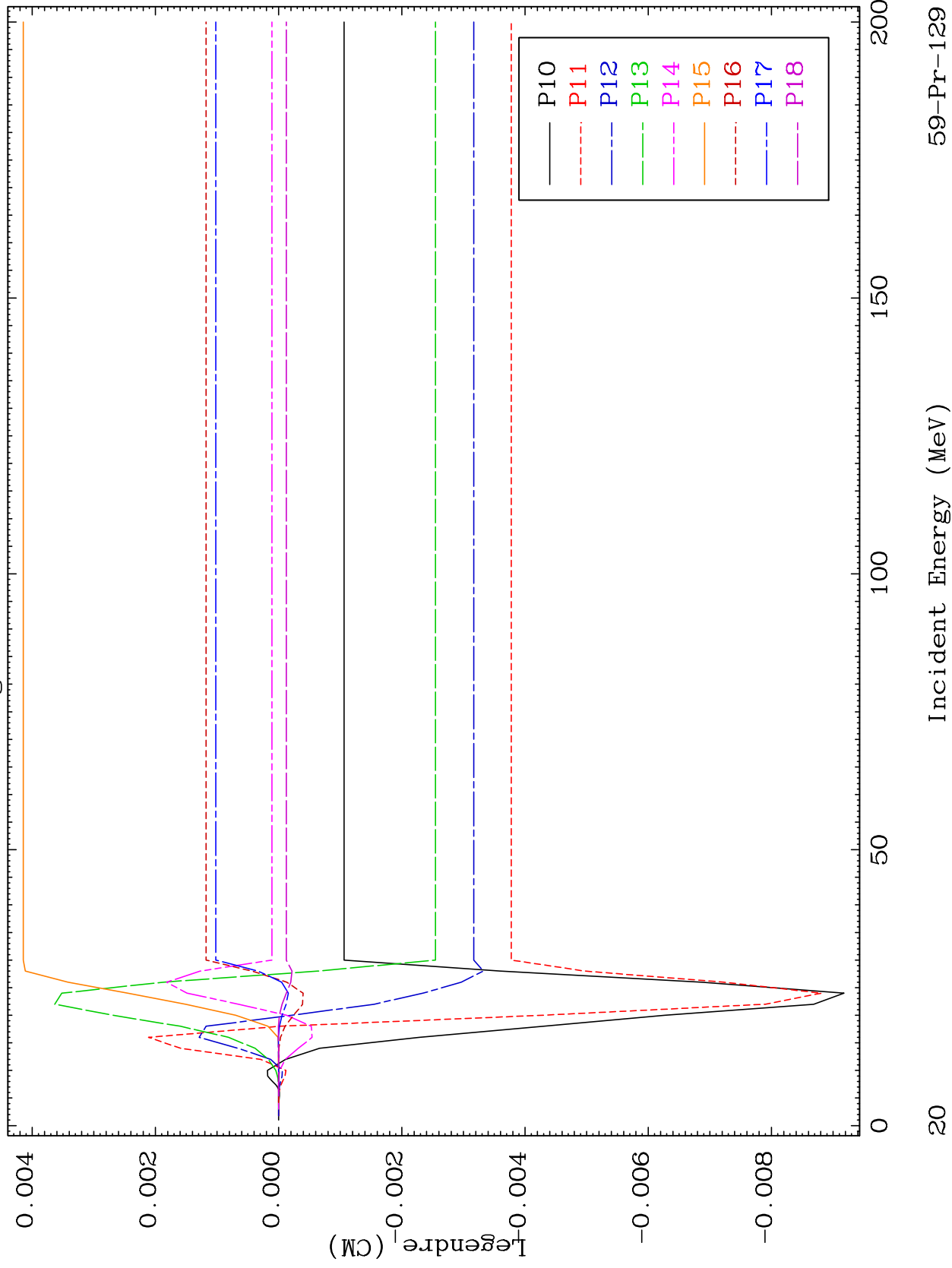
Incident Energy (MeV)

59-Pr-129

MAT 5889

238.0 keV (n,n') Level
Legendre Coefficients

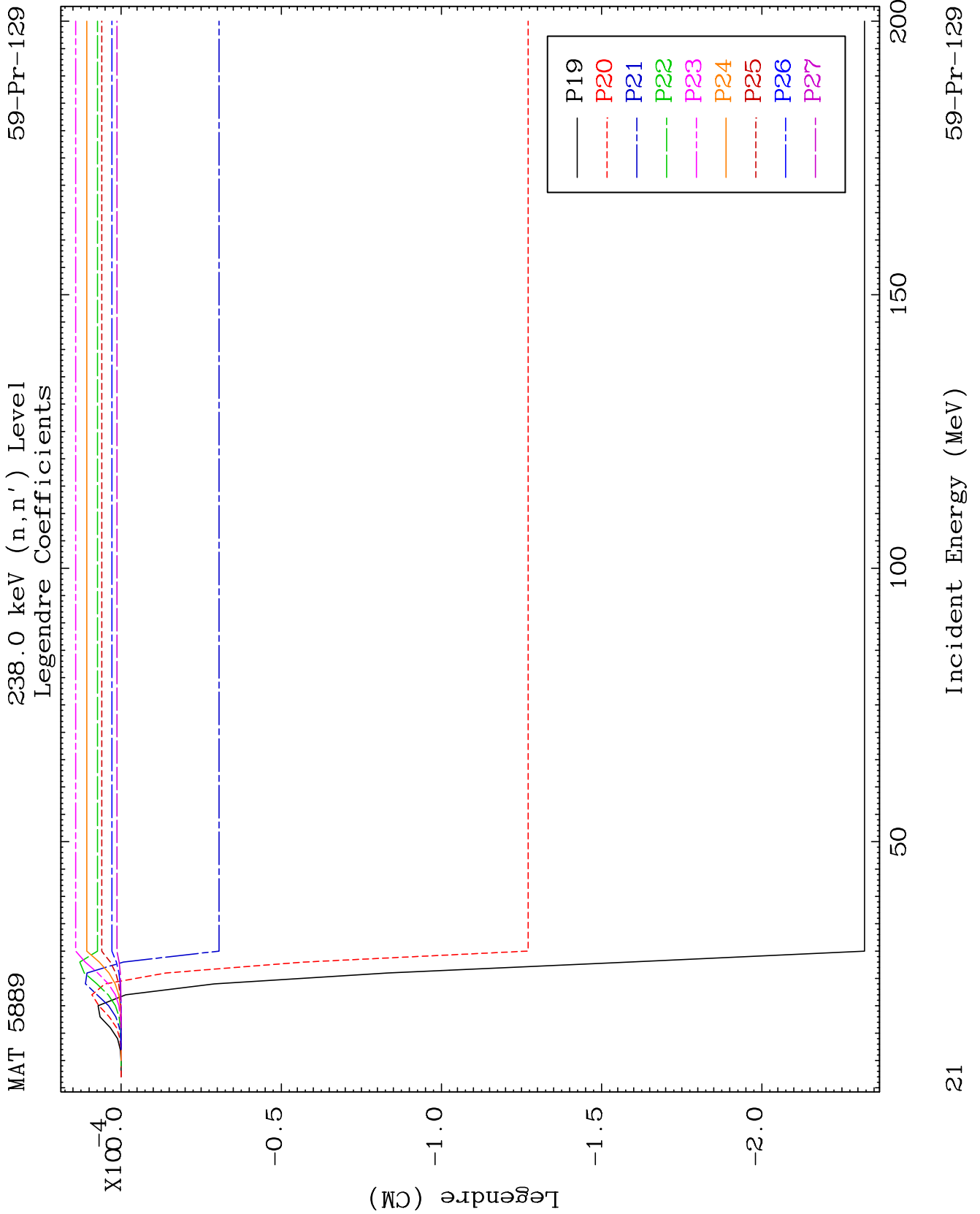
59-Pr-129



59-Pr-129

Incident Energy (MeV)

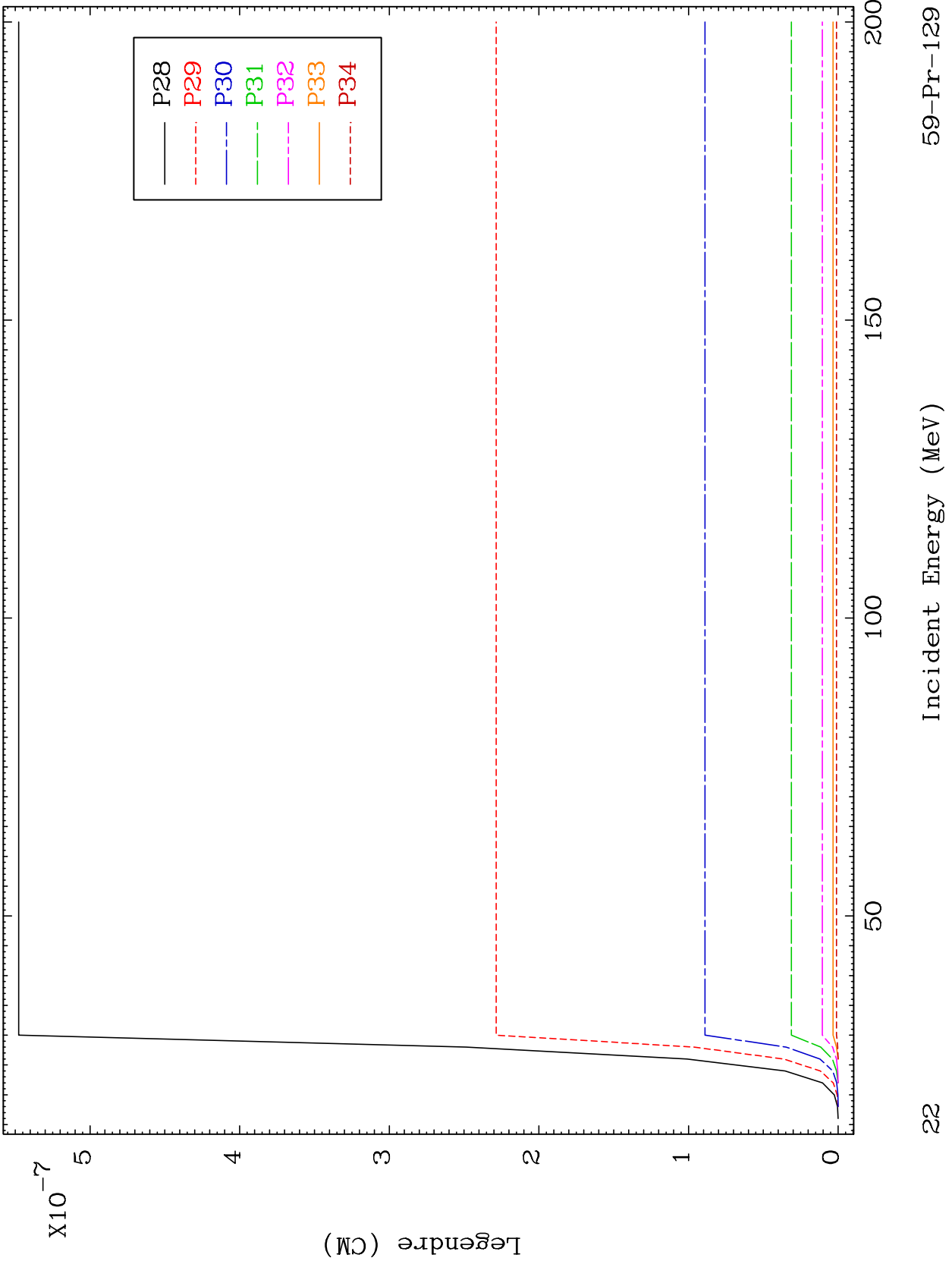
20



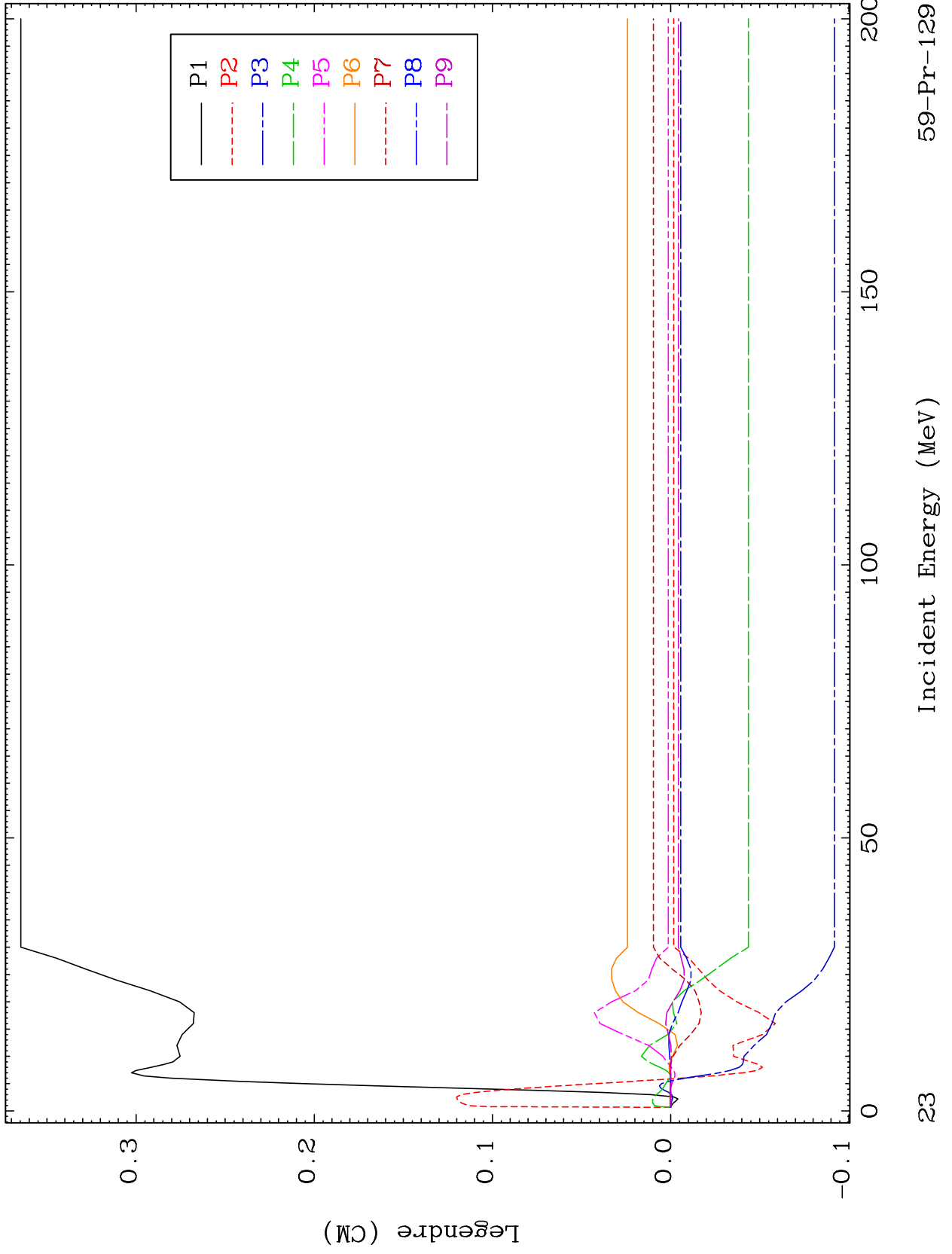
MAT 5889

238.0 keV (n,n') Level
Legendre Coefficients

59-Pr-129



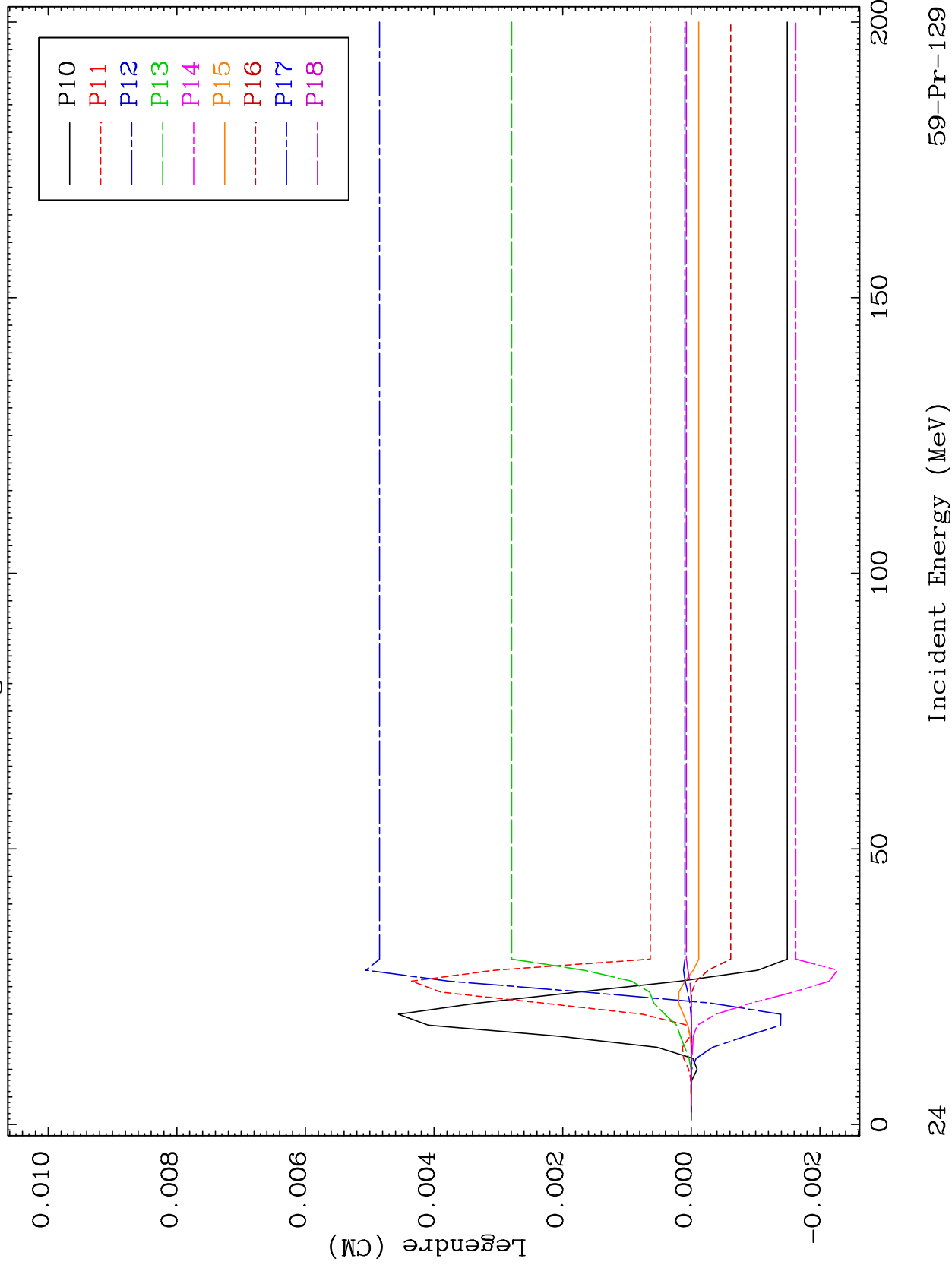
22



MAT 5889

654.0 keV (n,n') Level
Legendre Coefficients

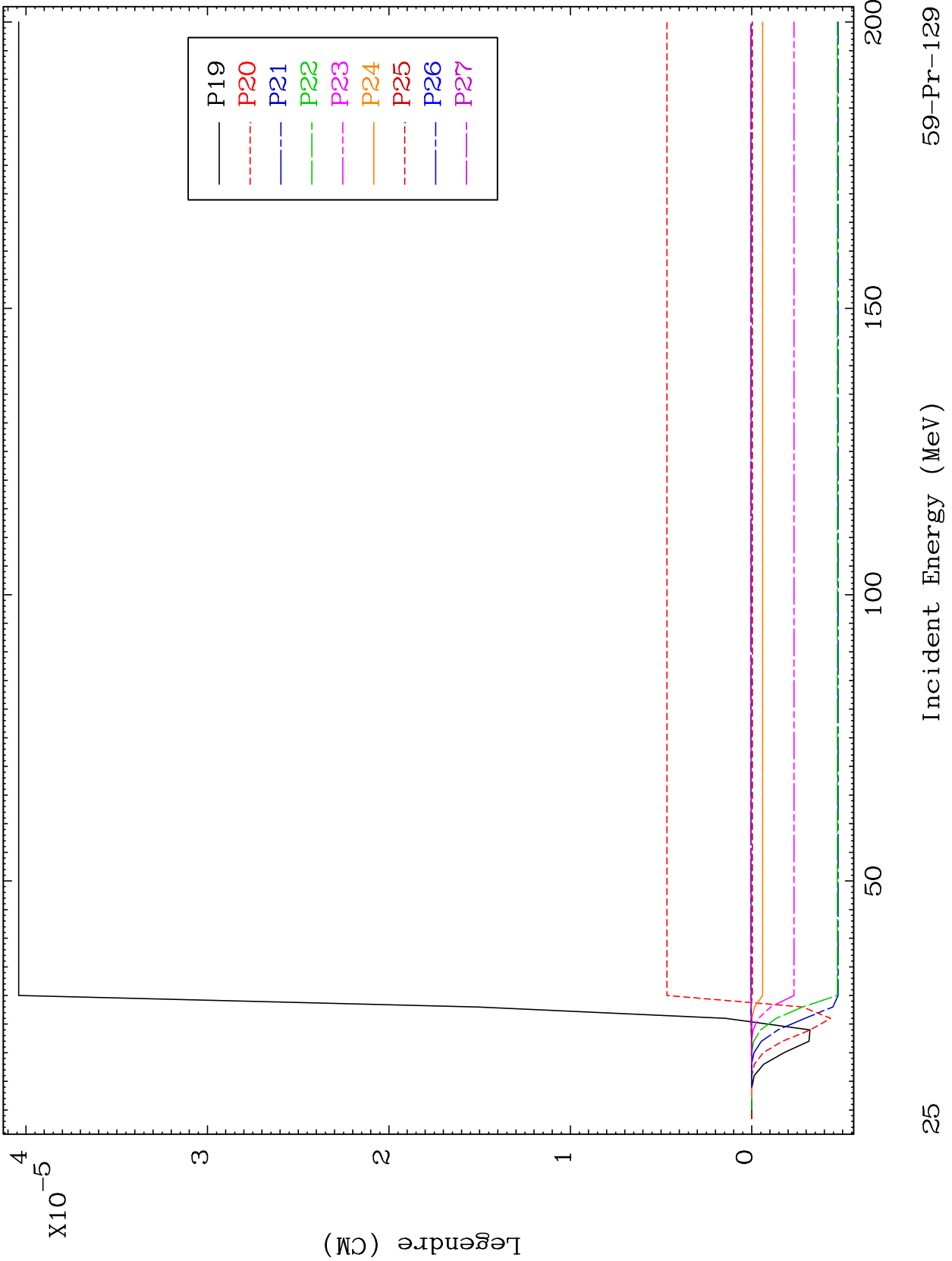
59-Pr-129

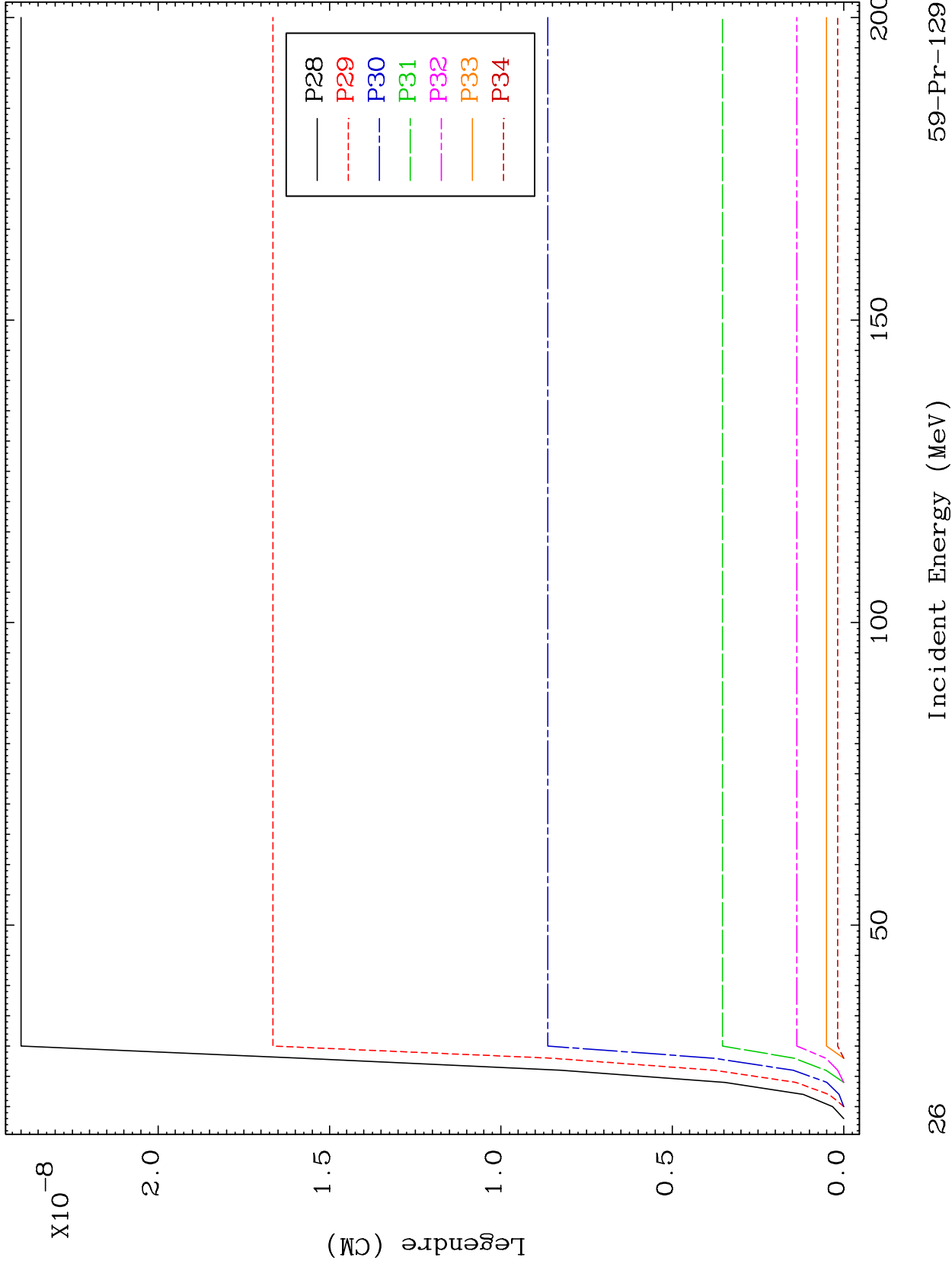


59-Pr-129

Incident Energy (MeV)

24



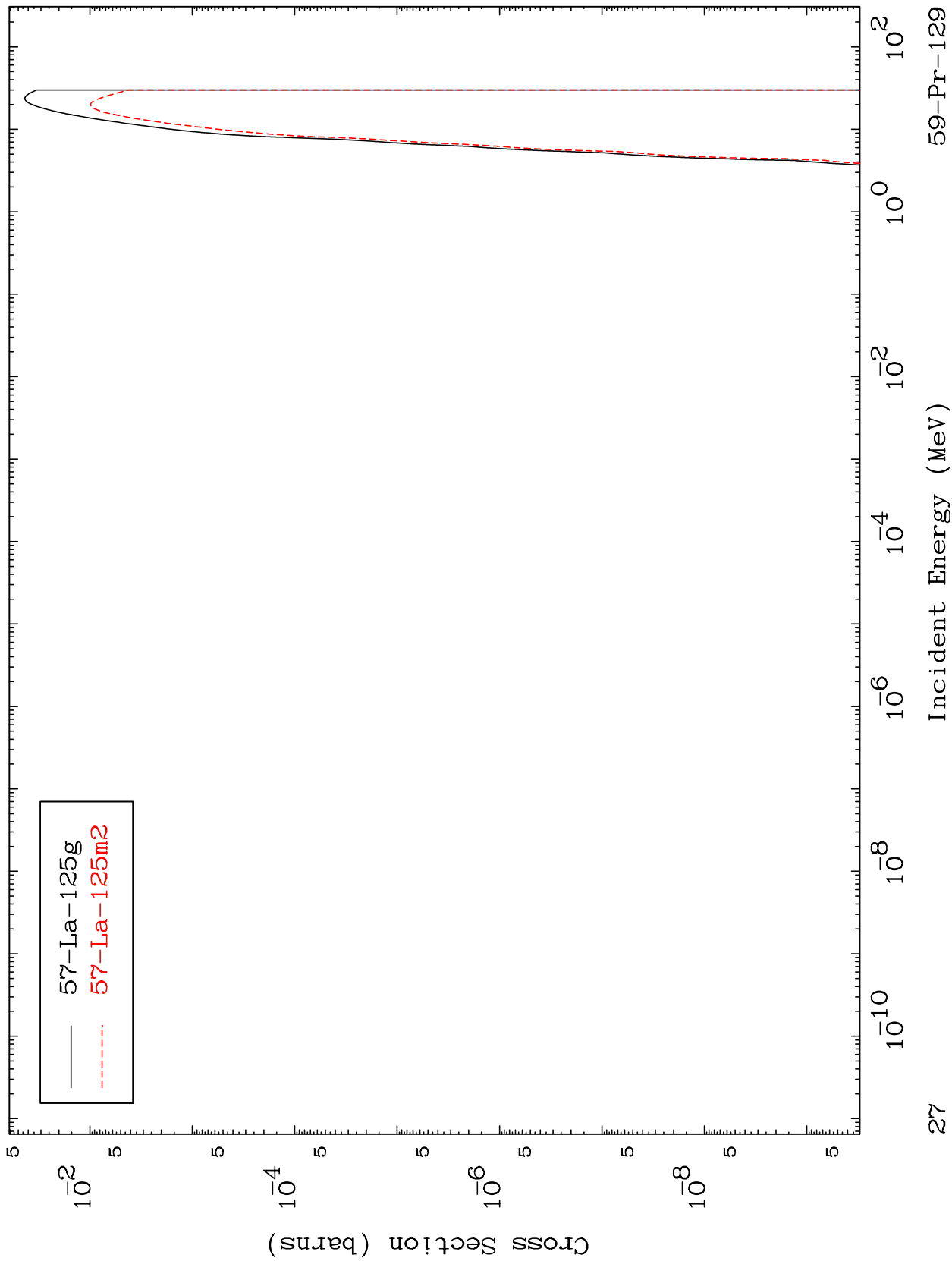


MAT 5889

$(n, n') \alpha$

59-Pr-129

Radionuclide Production Cross Section



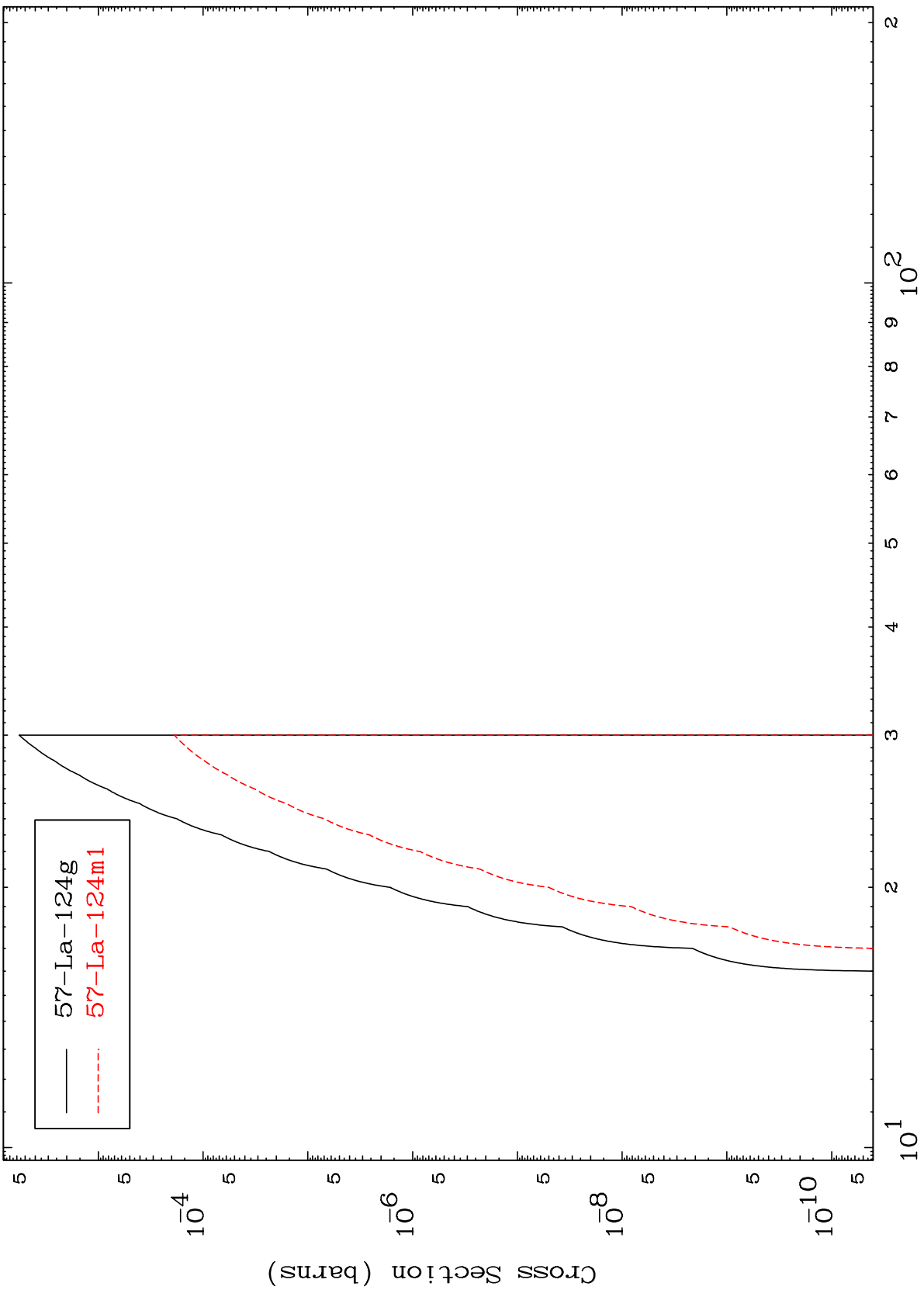
57-La-125g
57-La-125m2

MAT 5889

$(n,2n) \alpha$

59-Pr-129

Radionuclide Production Cross Section



— 57-La-124g
- - - 57-La-124m1

Incident Energy (MeV)

59-Pr-129

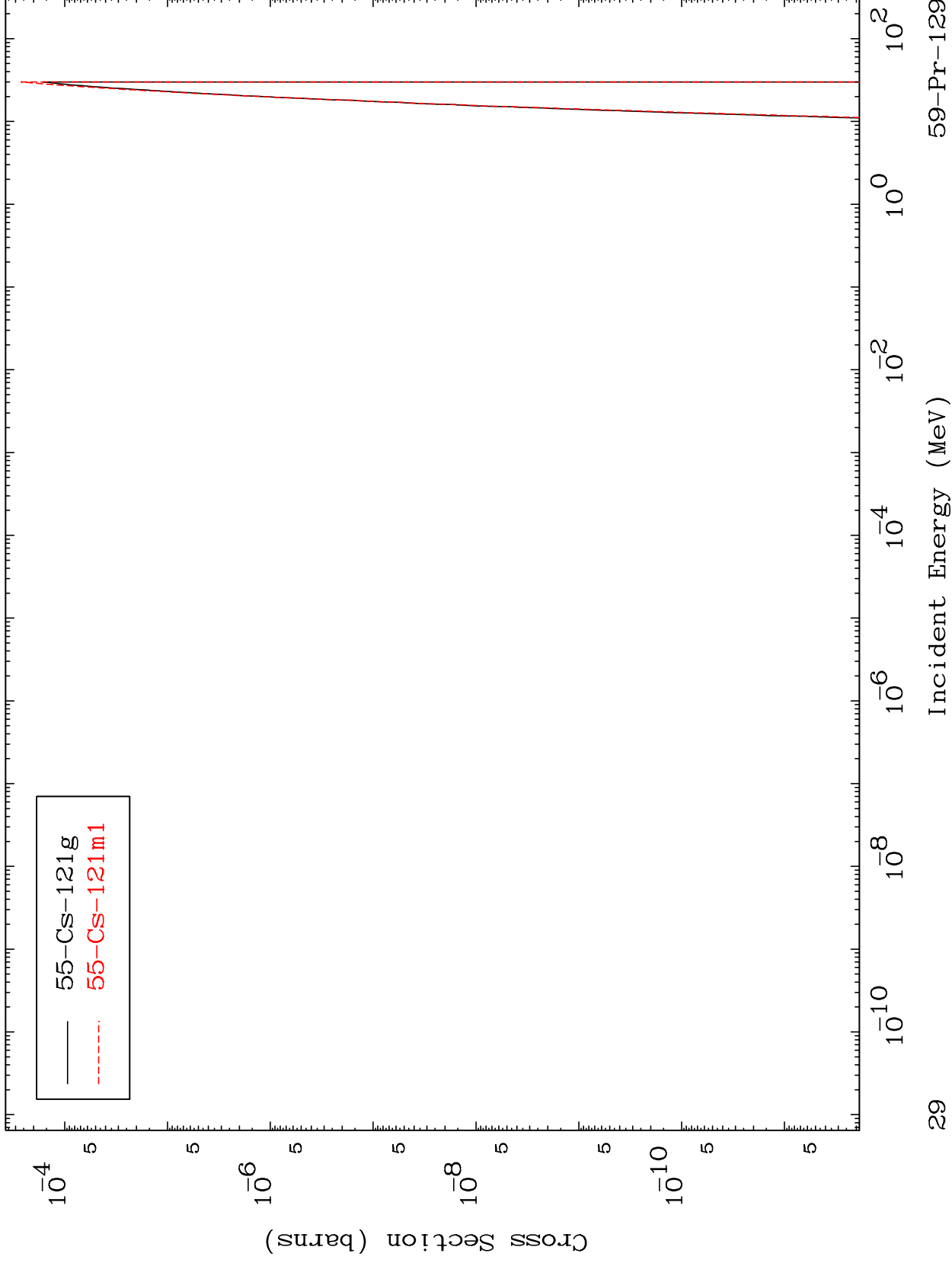
28

MAT 5889

(n,n') 2α

59-Pr-129

Radionuclide Production Cross Section

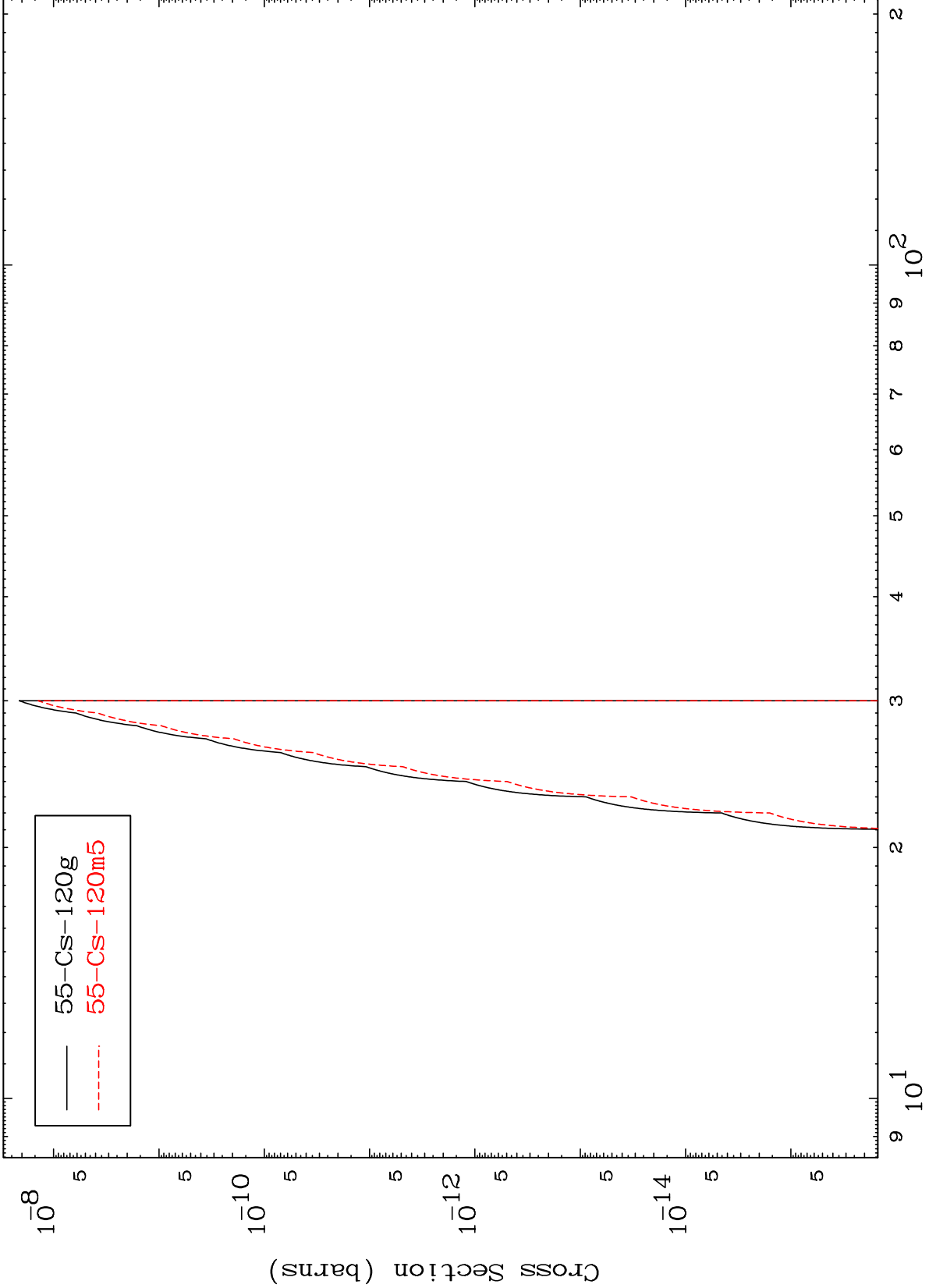


MAT 5889

$(n,2n) 2\alpha$

59-Pr-129

Radionuclide Production Cross Section

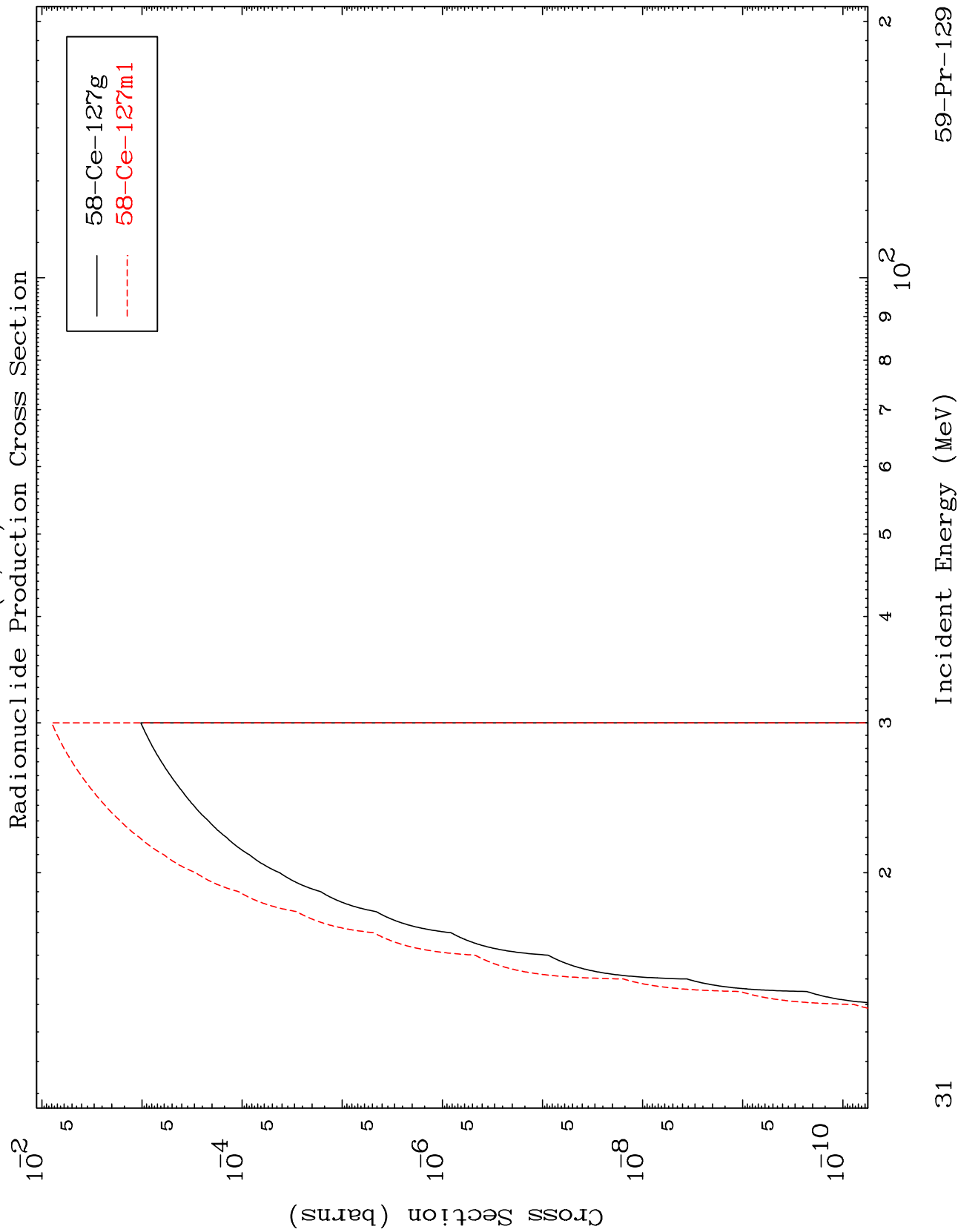


55-Cs-120g
55-Cs-120m5

30

Incident Energy (MeV)

59-Pr-129

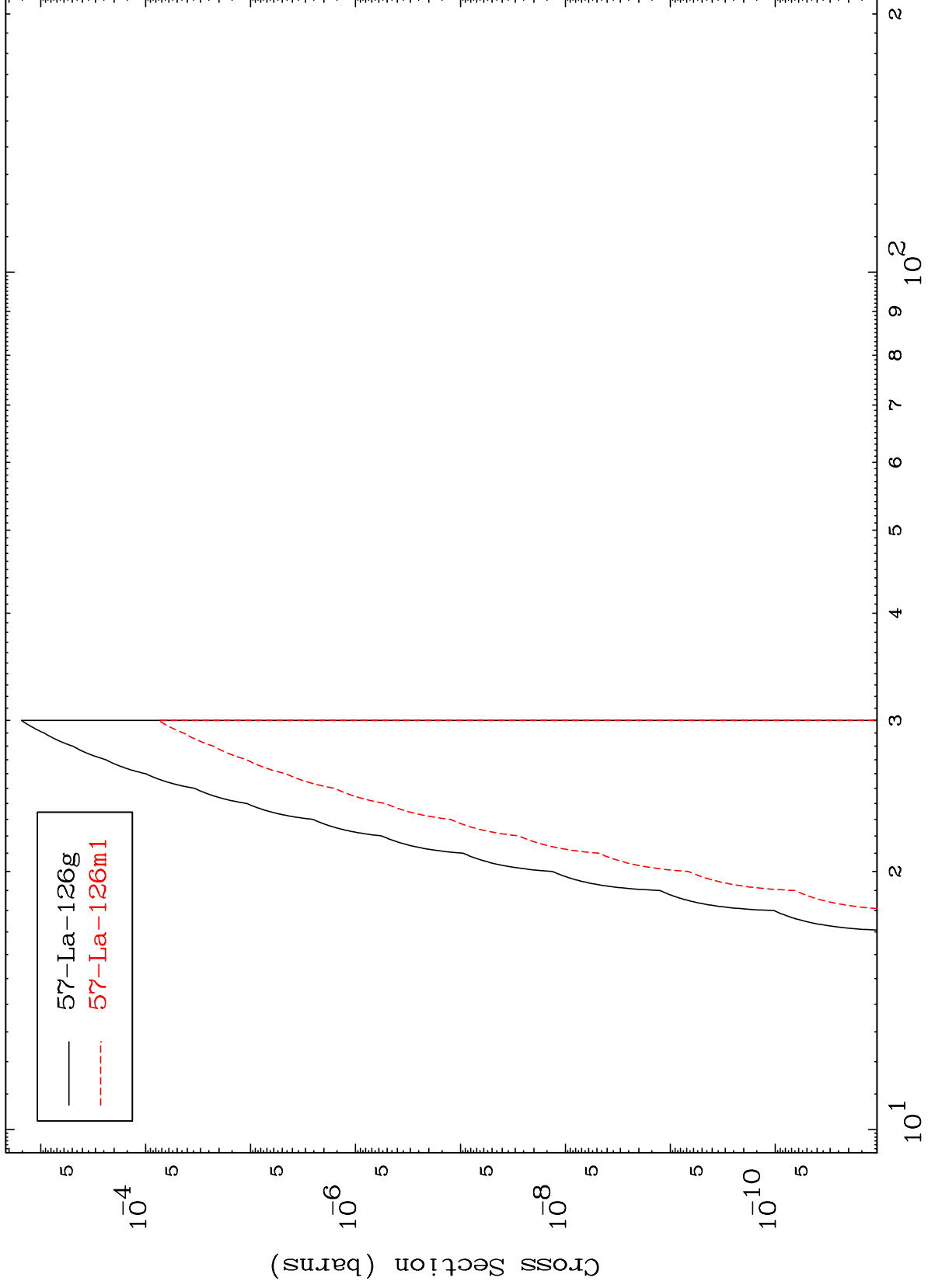


MAT 5889

(n,n') He-3

59-Pr-129

Radionuclide Production Cross Section



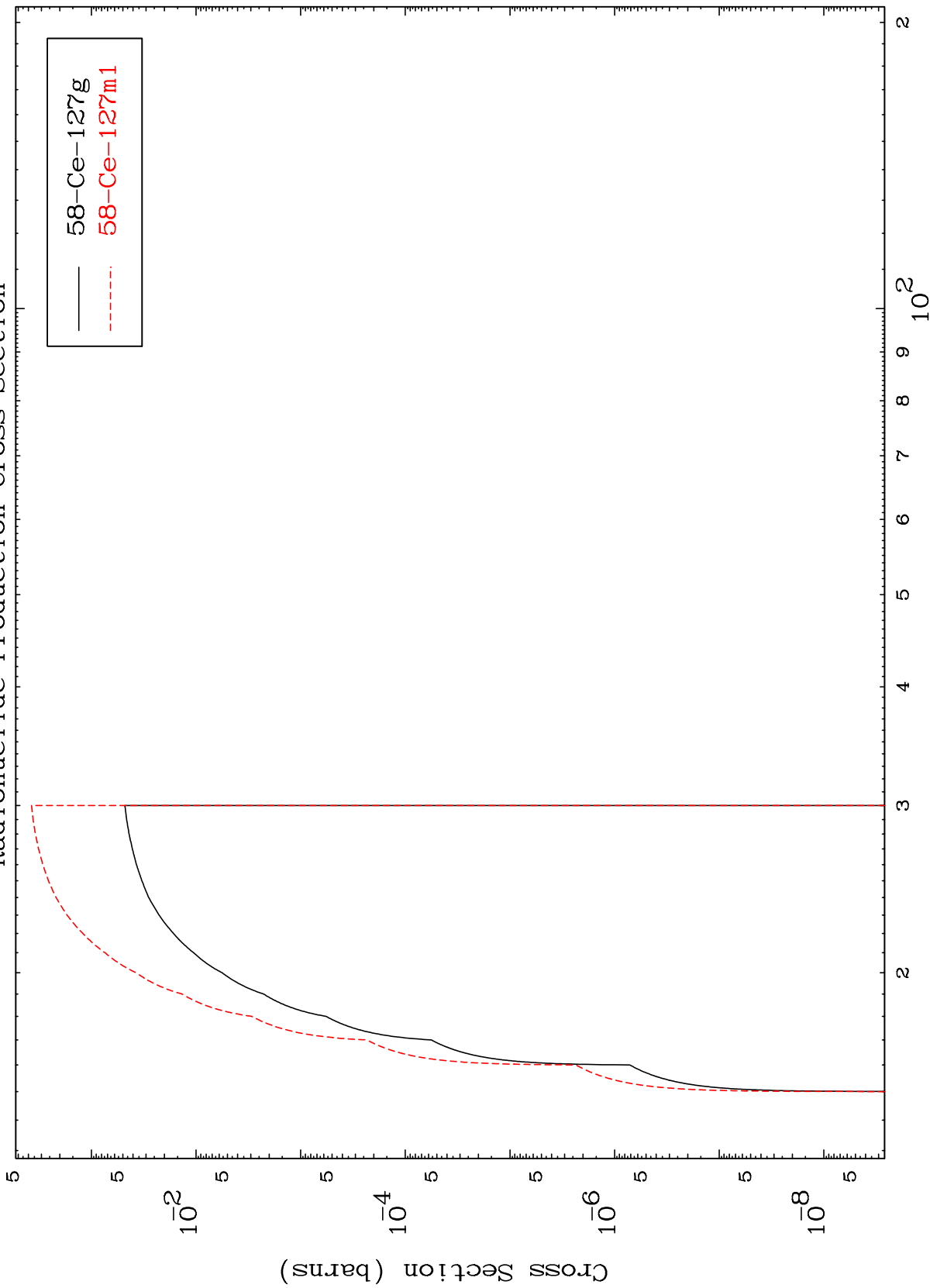
57-La-126g
57-La-126m1

32

Incident Energy (MeV)

59-Pr-129

Radionuclide Production Cross Section

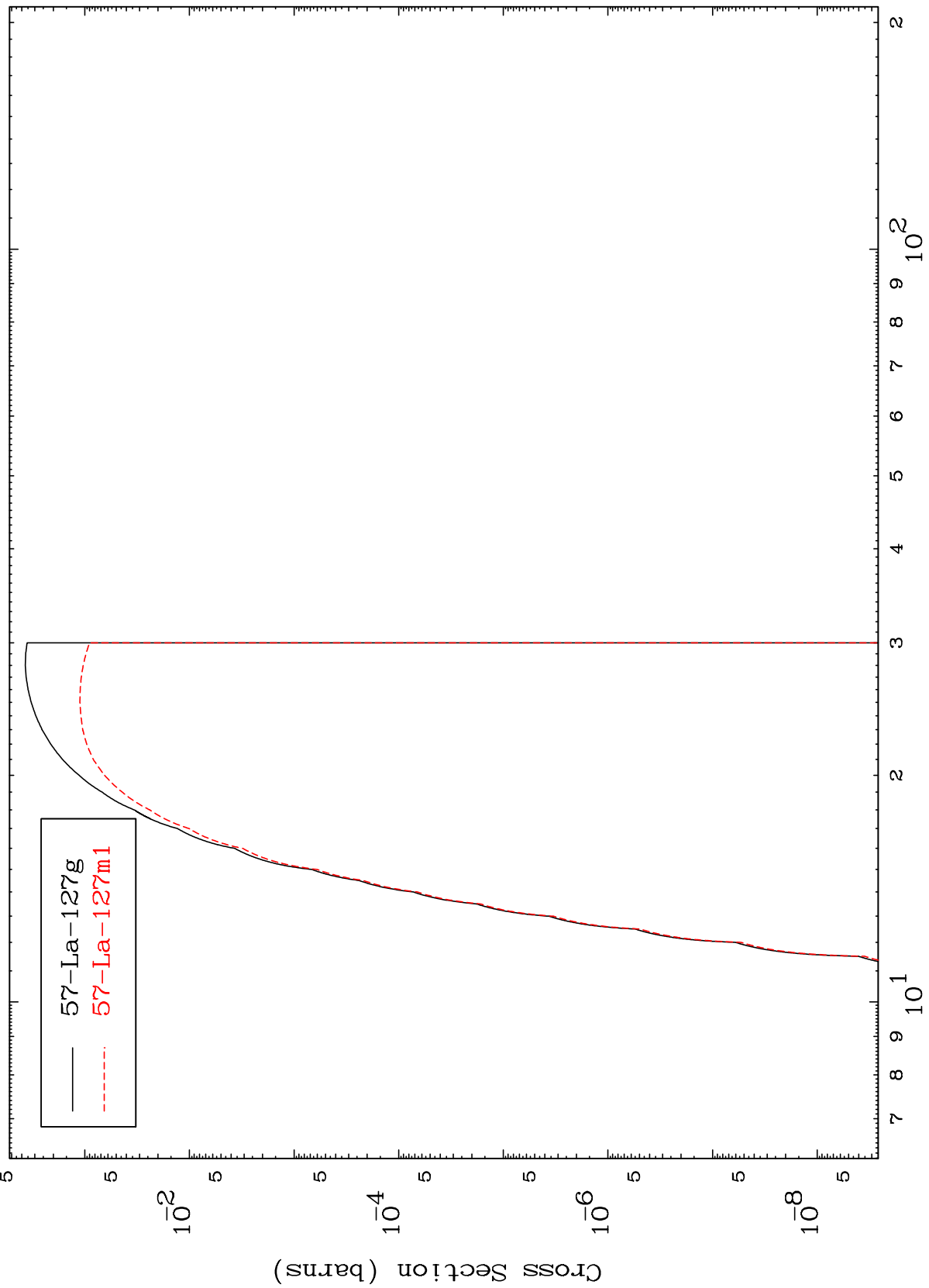


MAT 5889

$(n,2n)$ p

59-Pr-129

Radionuclide Production Cross Section



34

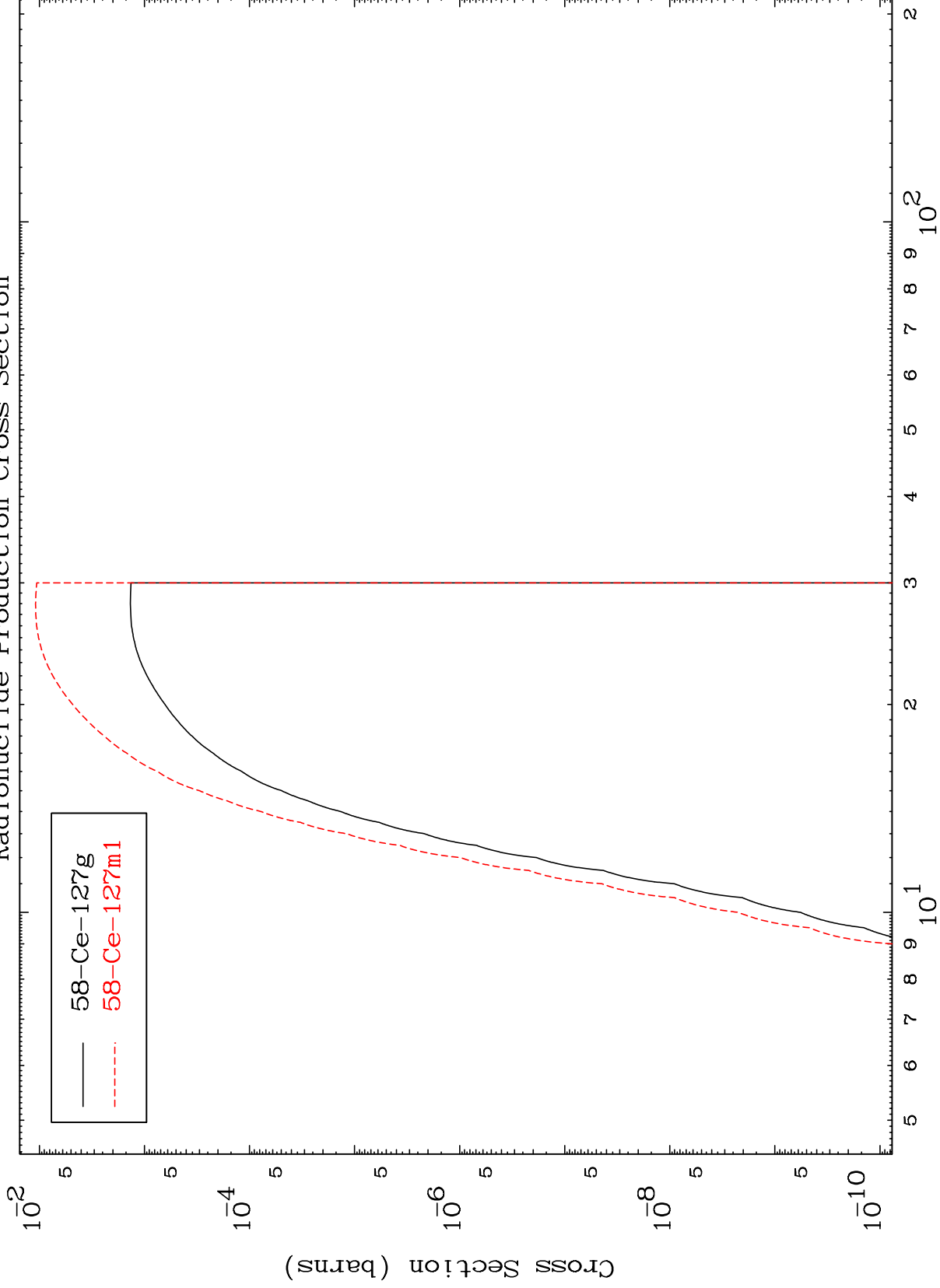
Incident Energy (MeV)

59-Pr-129

MAT 5889

59-Pr-129

(n, t)
Radionuclide Production Cross Section



Incident Energy (MeV)

59-Pr-129

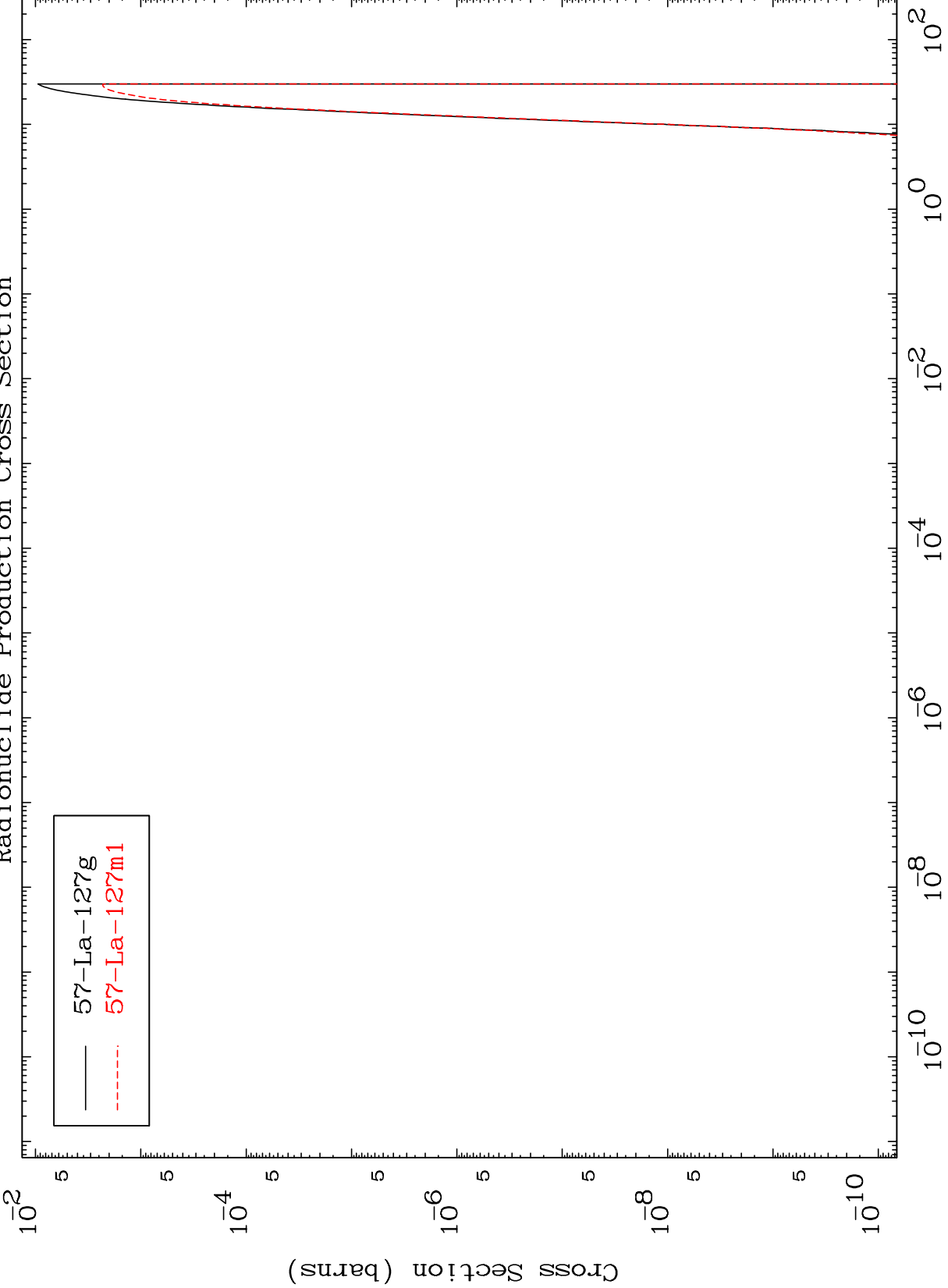
35

MAT 5889

(n,He-3)

59-Pr-129

Radionuclide Production Cross Section

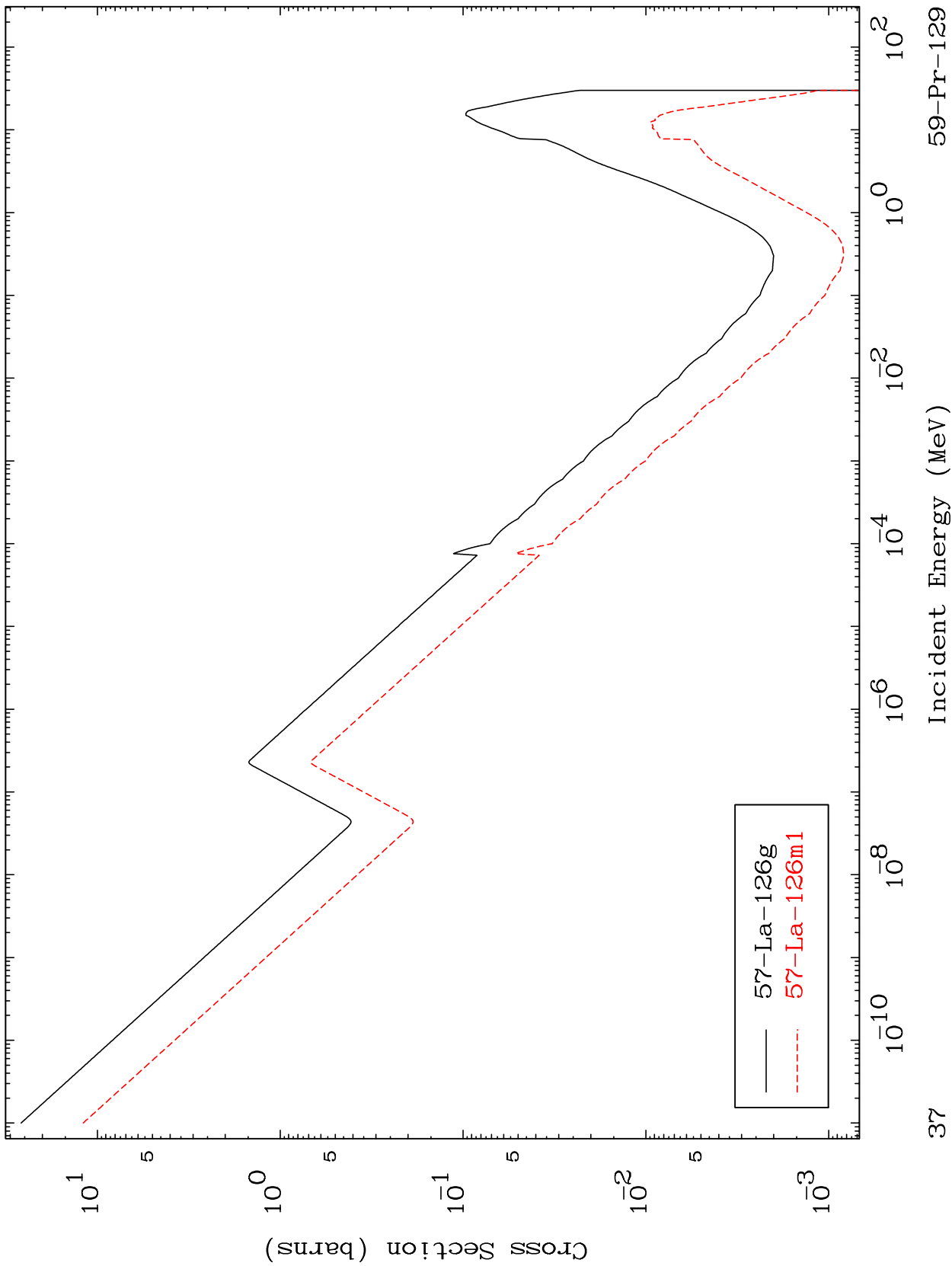


— 57-La-127g
- - - 57-La-127m1

MAT 5889

59-Pr-129

(n, α)
Radionuclide Production Cross Section



37

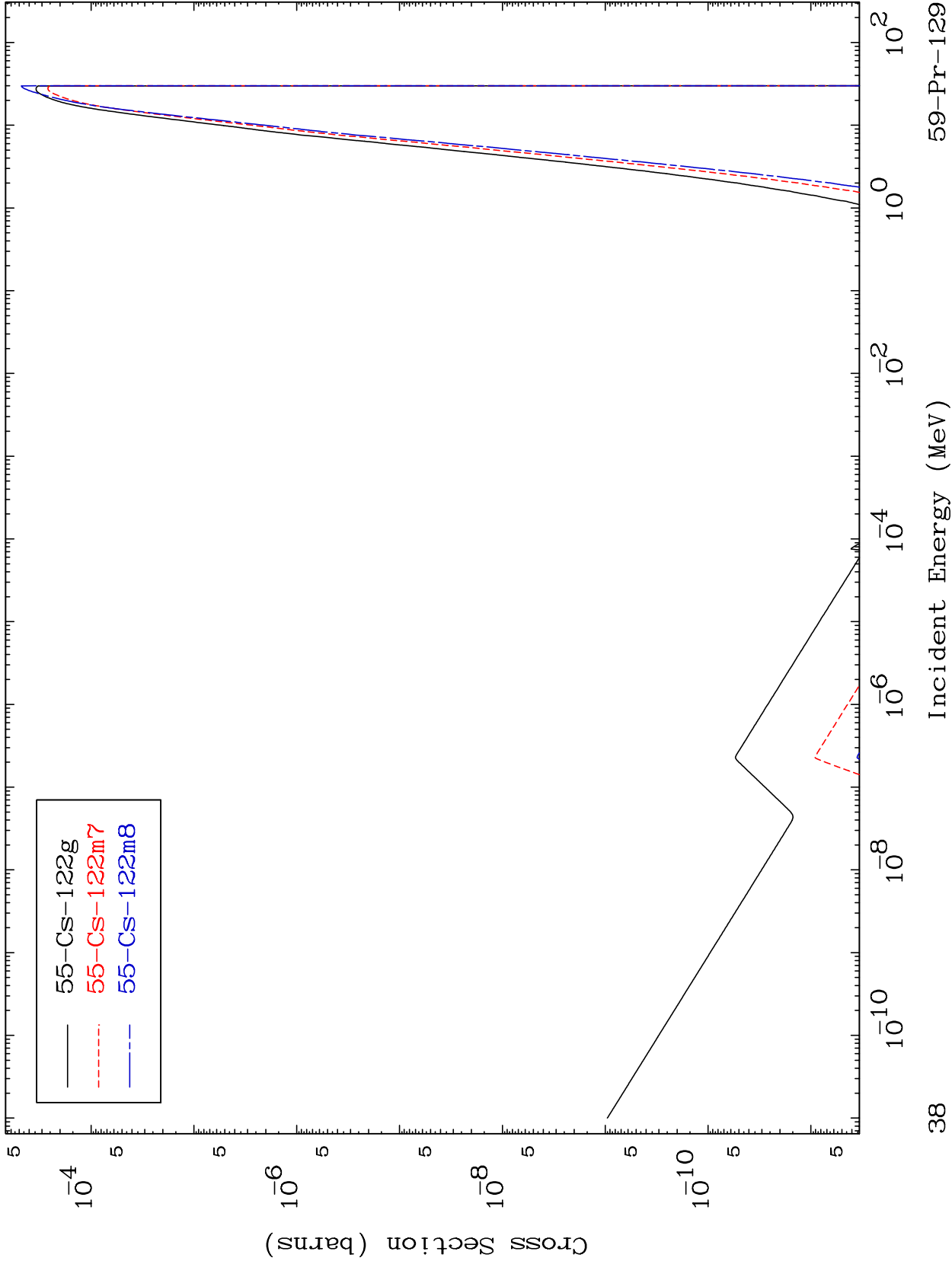
59-Pr-129

MAT 5889

(n,2α)

59-Pr-129

Radionuclide Production Cross Section

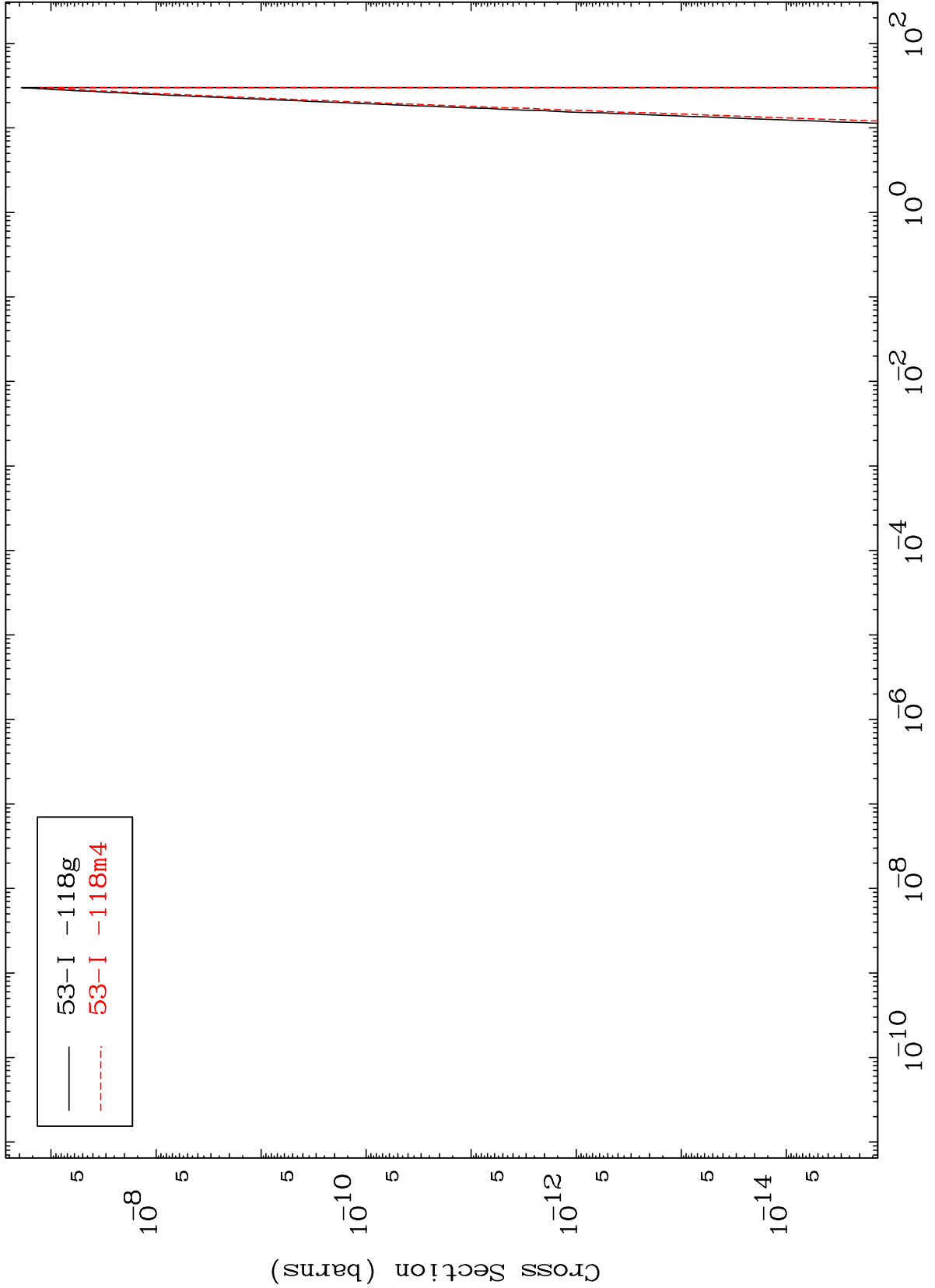


MAT 5889

(n,3α)

59-Pr-129

Radionuclide Production Cross Section



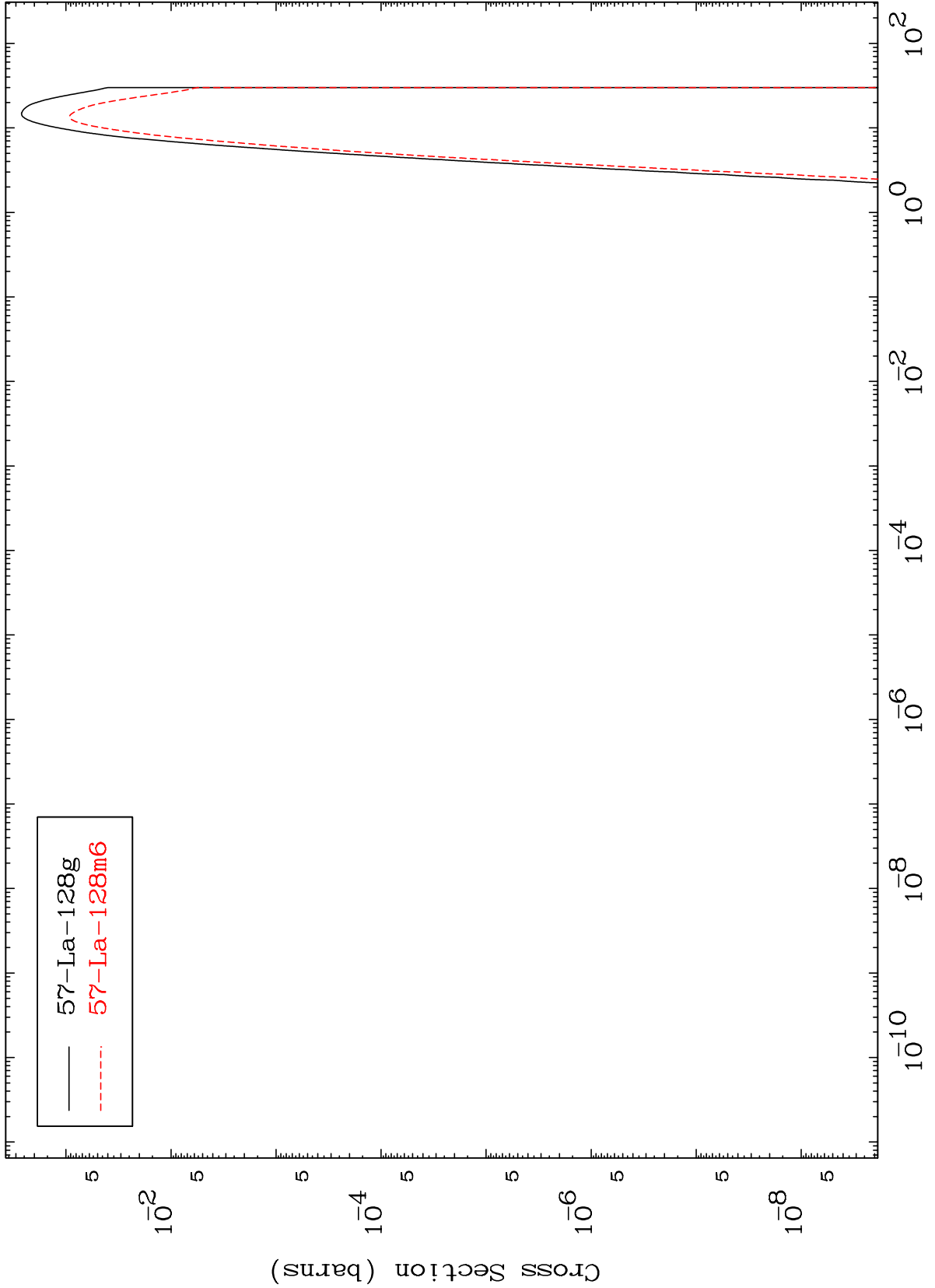
53-I-118g
53-I-118m4

MAT 5889

(n,2p)

59-Pr-129

Radionuclide Production Cross Section

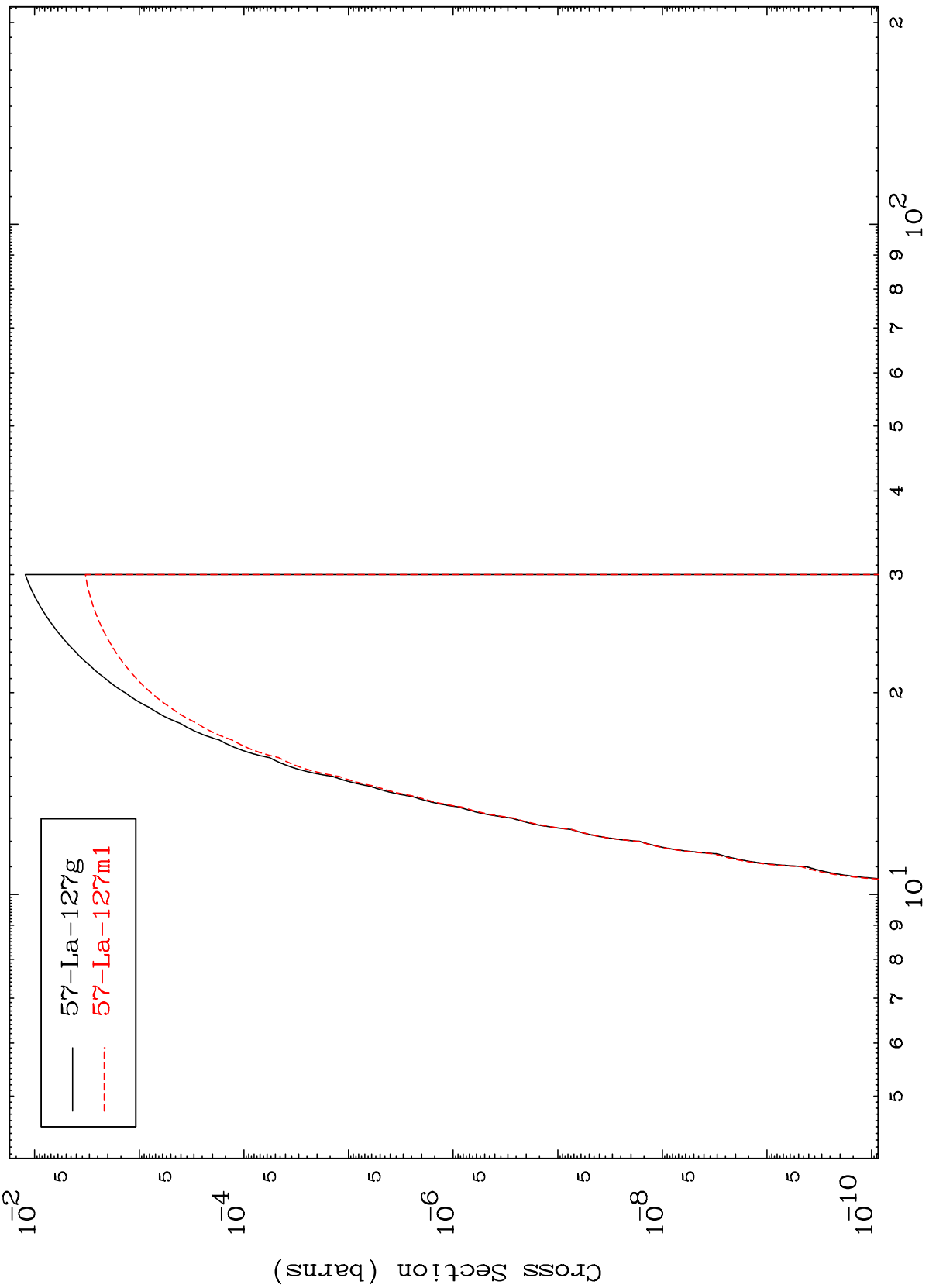


MAT 5889

(n,p) d

59-Pr-129

Radionuclide Production Cross Section



57-La-127g
57-La-127m1

Radionuclide Production Cross Section

