

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

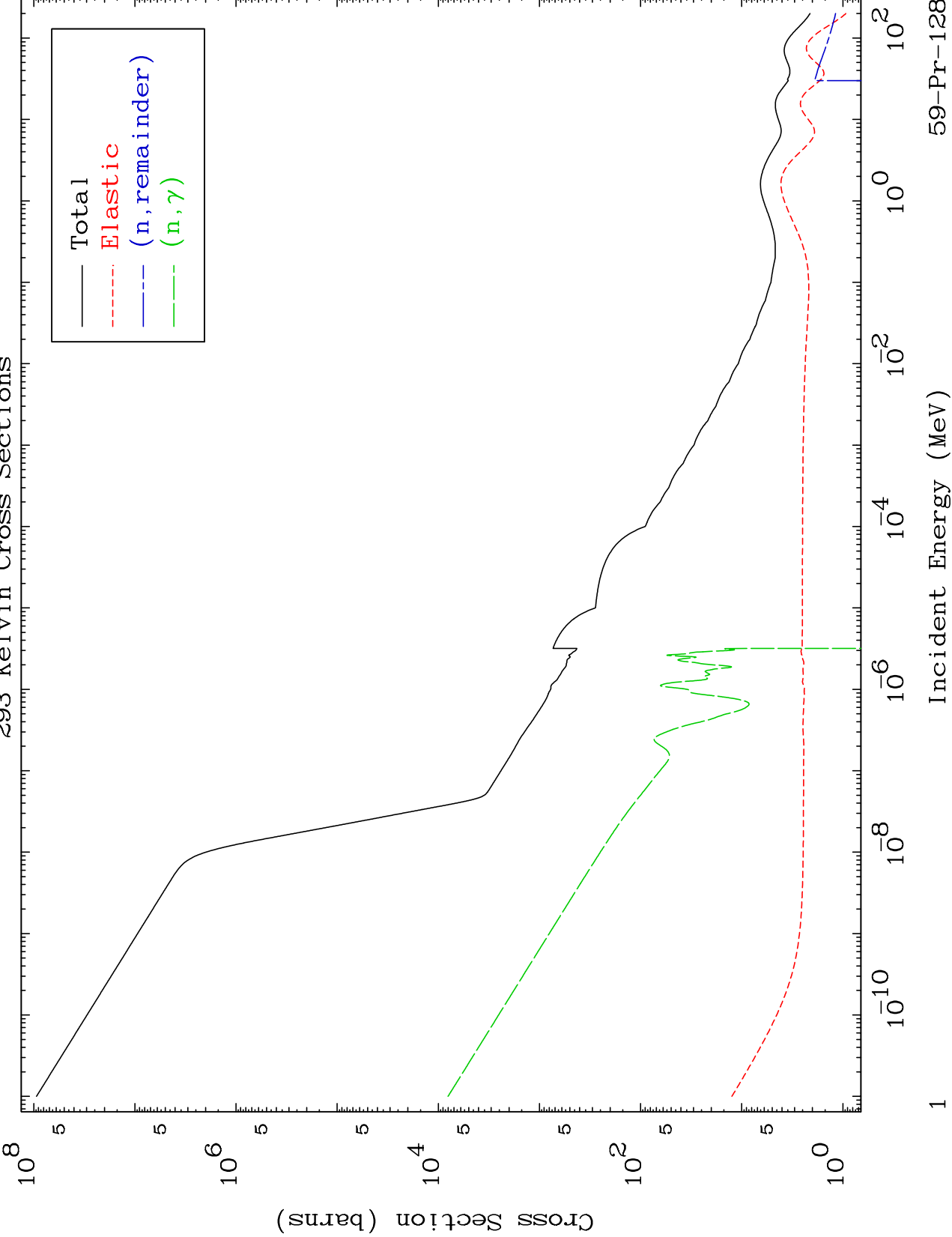
Press Mouse Button to Start

MAT 5886

Major

293 Kelvin Cross Sections

59-Pr-128



1

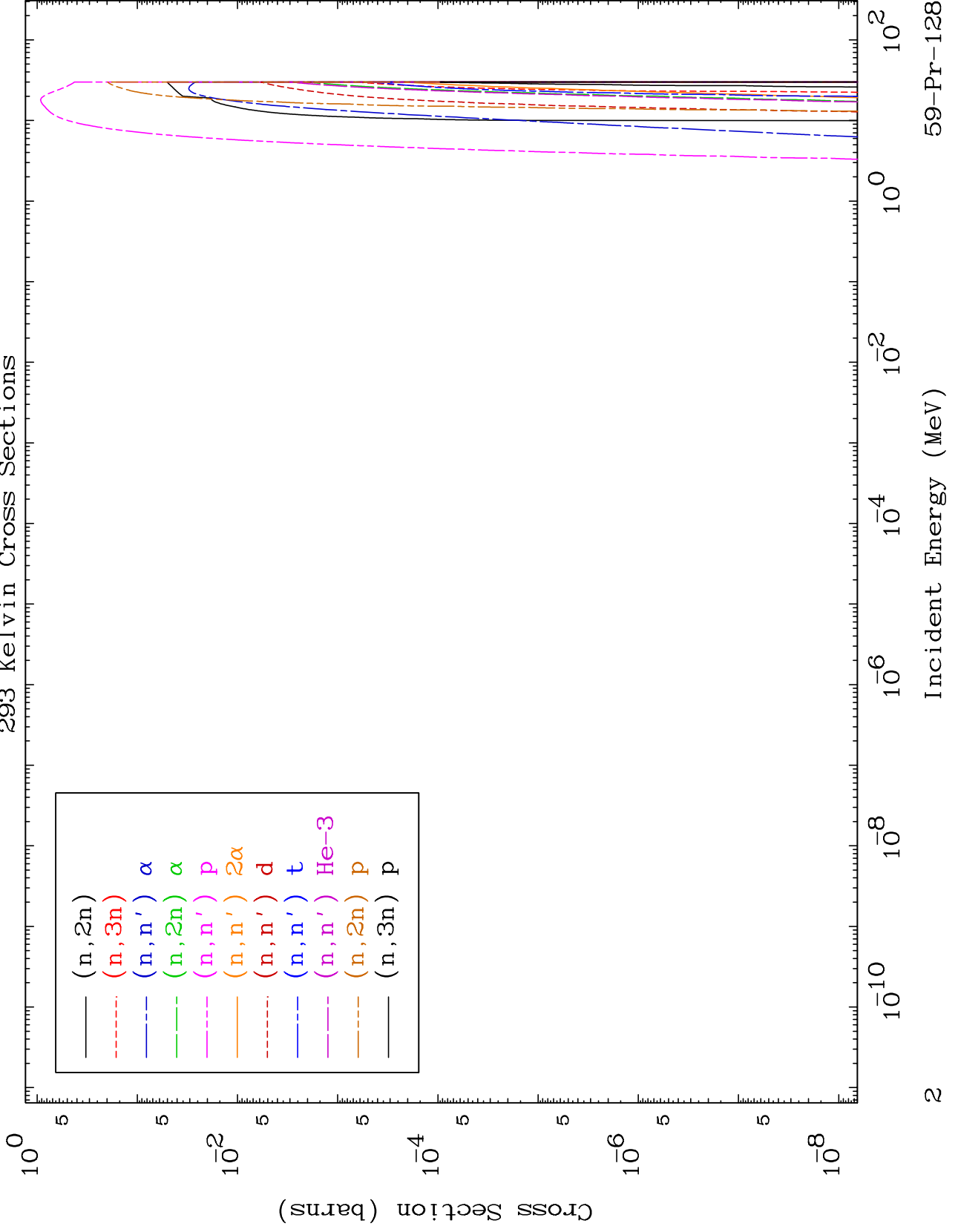
Incident Energy (MeV)

59-Pr-128

MAT 5886

Neutron Production
293 Kelvin Cross Sections

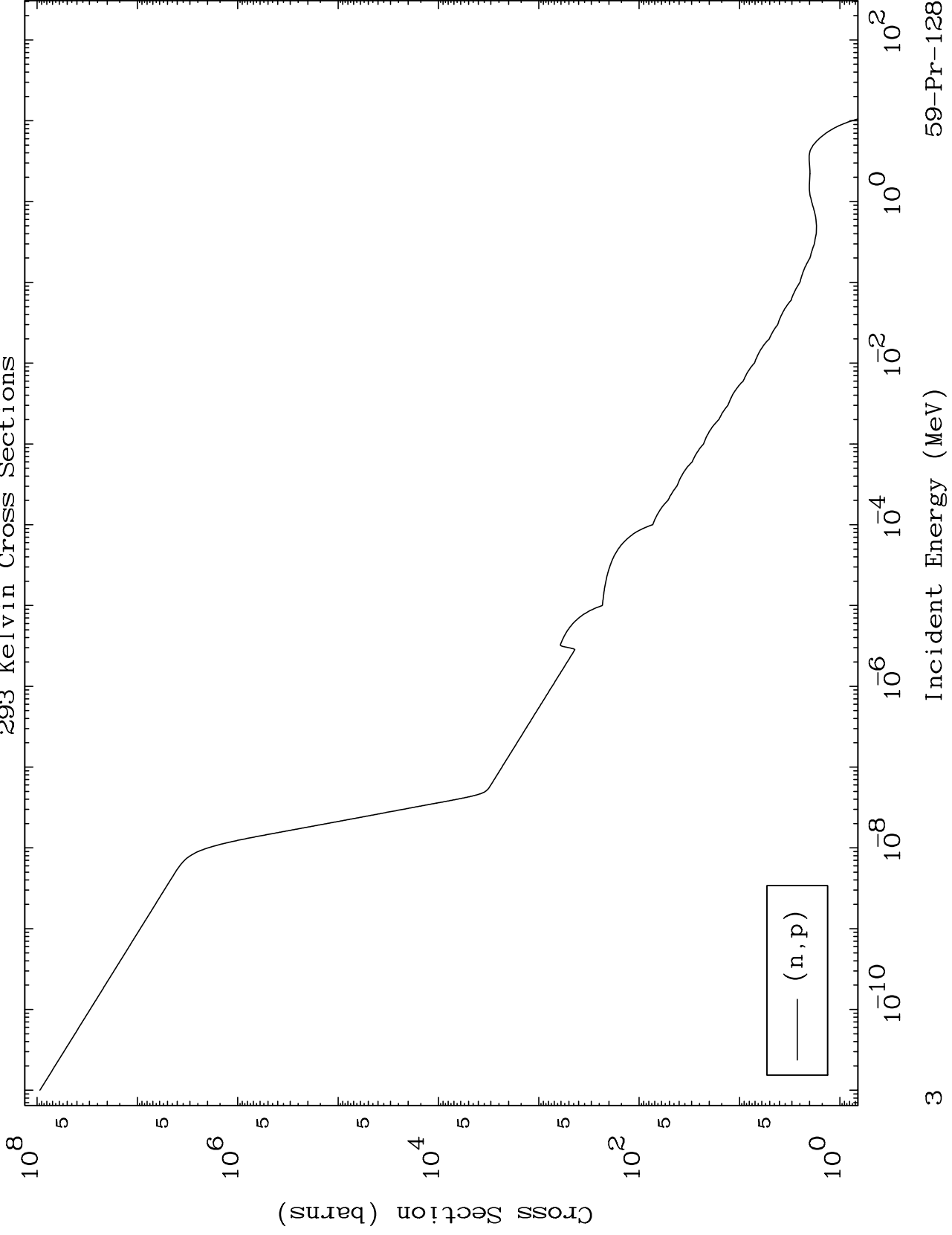
59-Pr-128



MAT 5886

Charged Particle
293 Kelvin Cross Sections

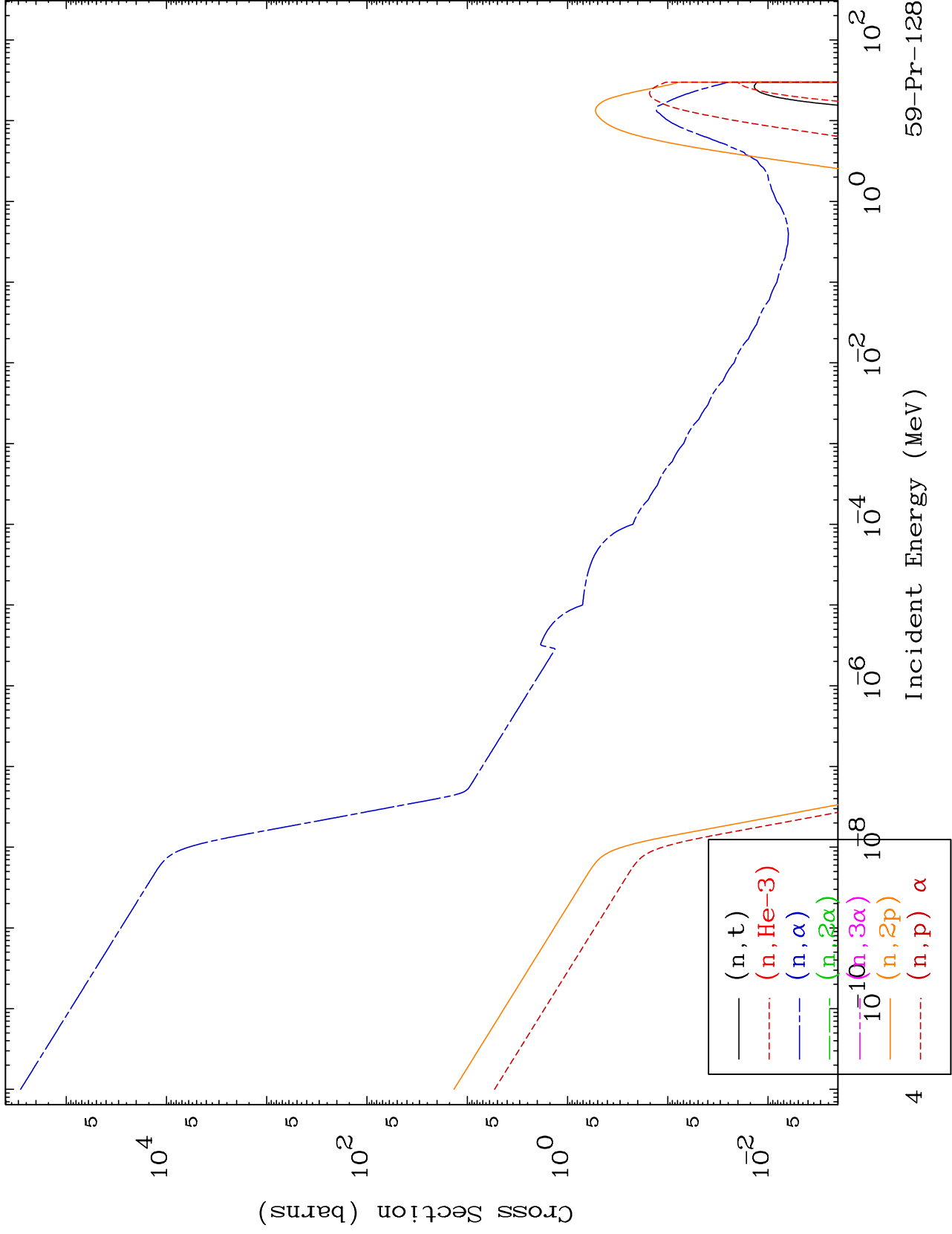
59-Pr-128

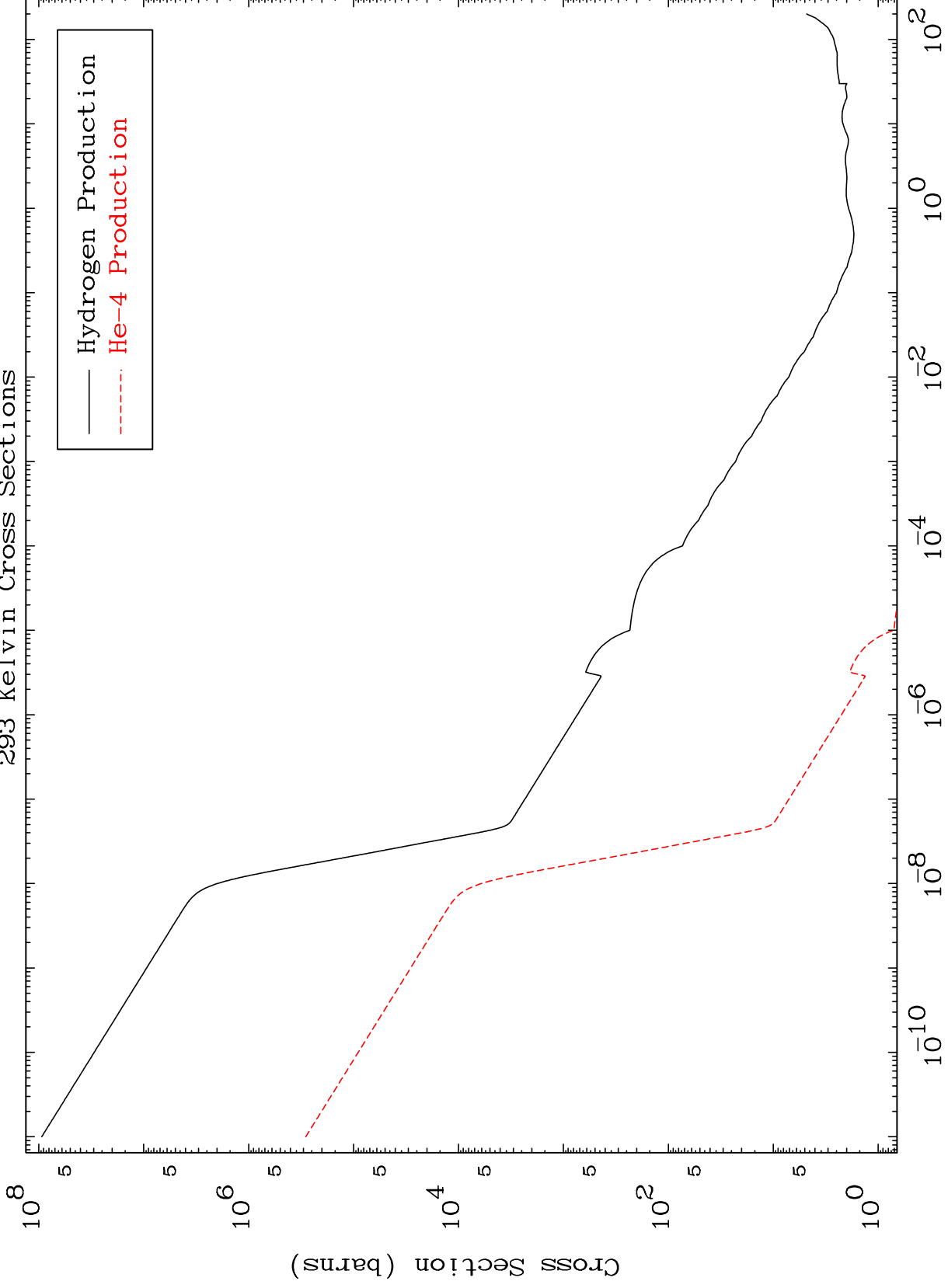


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Charged Particle
293 Kelvin Cross Sections

59-Pr-128





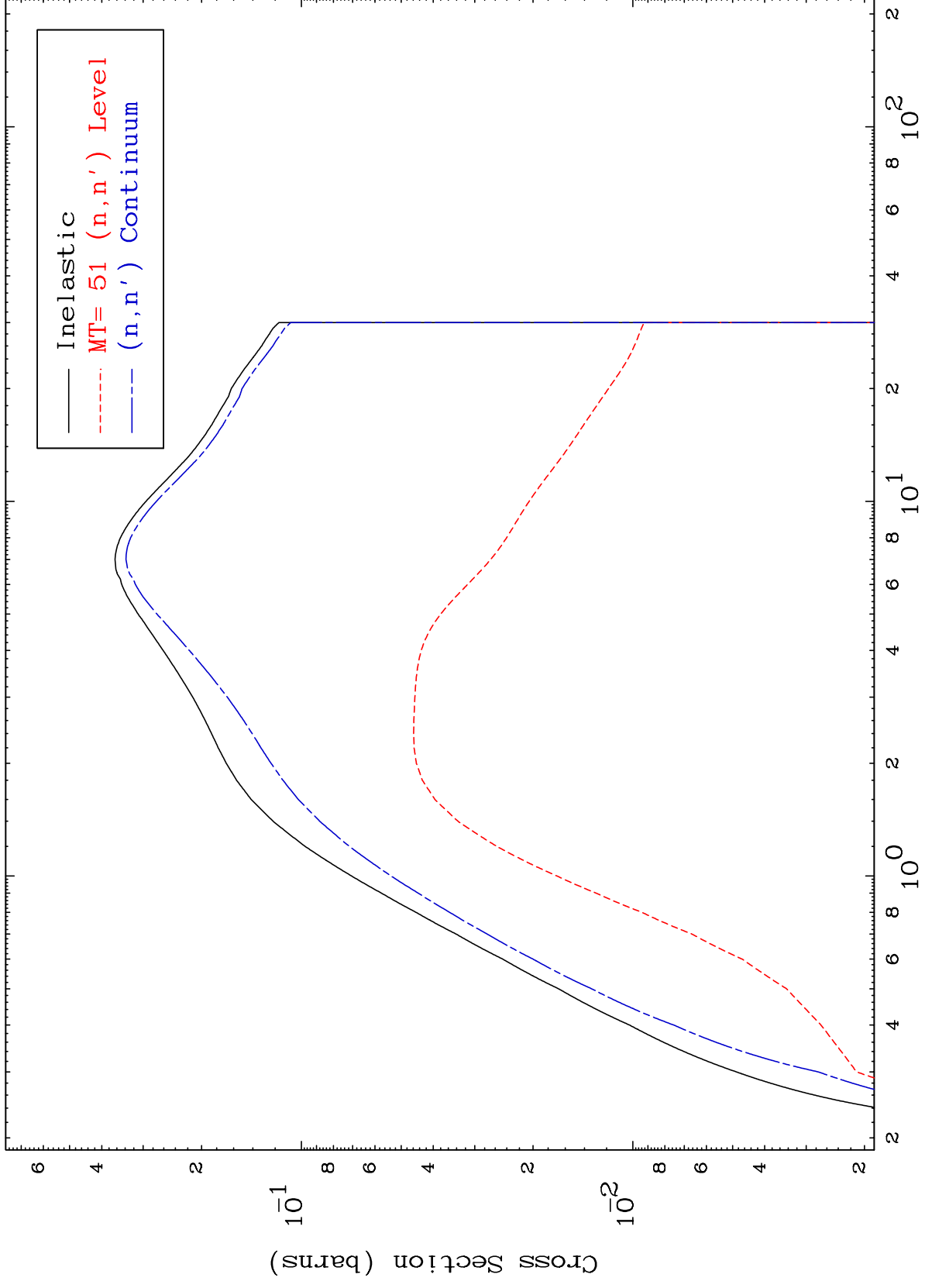
— Hydrogen Production
- - - He-4 Production

MAT 5886

(n,n') Level

59-Pr-128

293 Kelvin Cross Sections



6

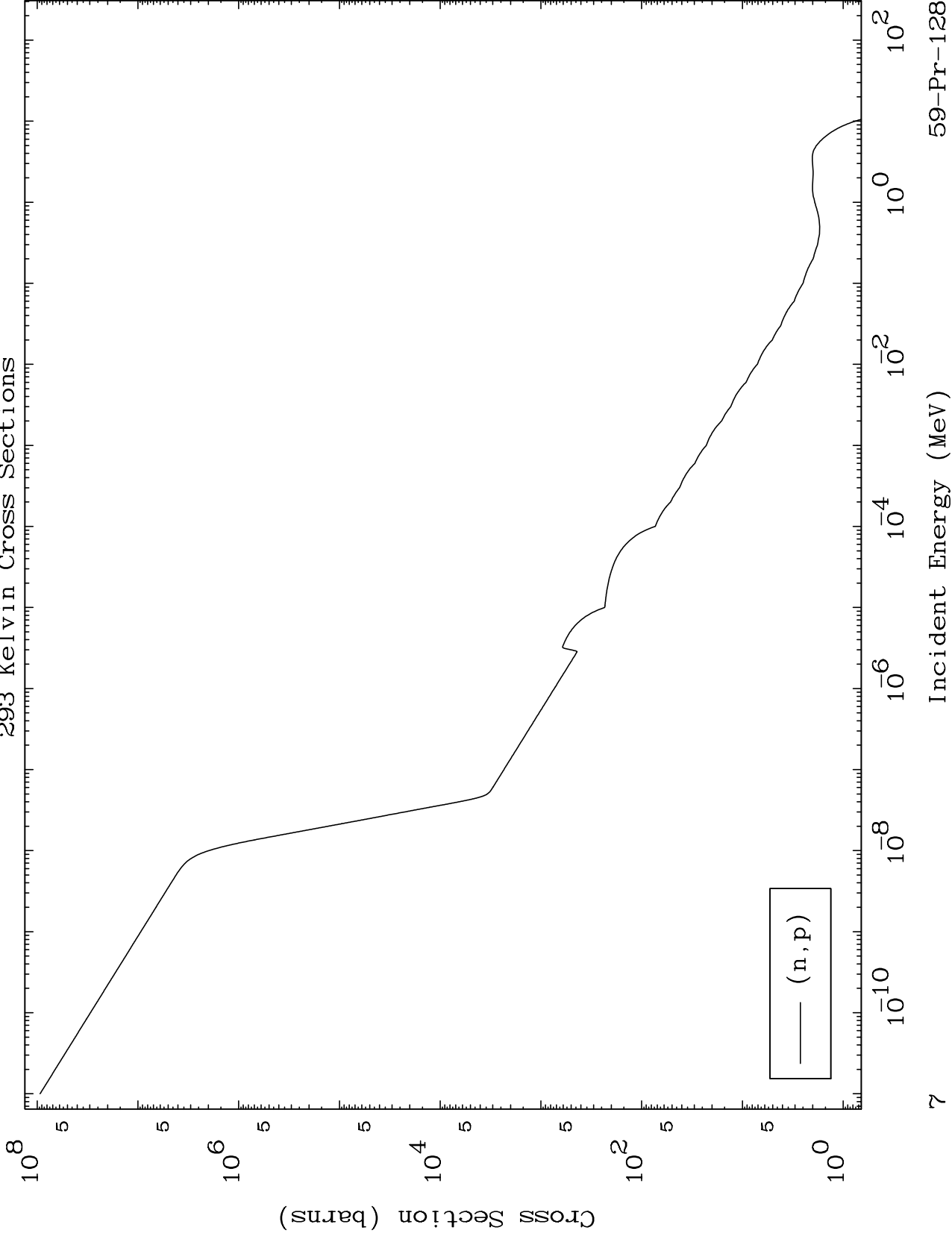
Incident Energy (MeV)

59-Pr-128

MAT 5886

(n,p) Levels
293 Kelvin Cross Sections

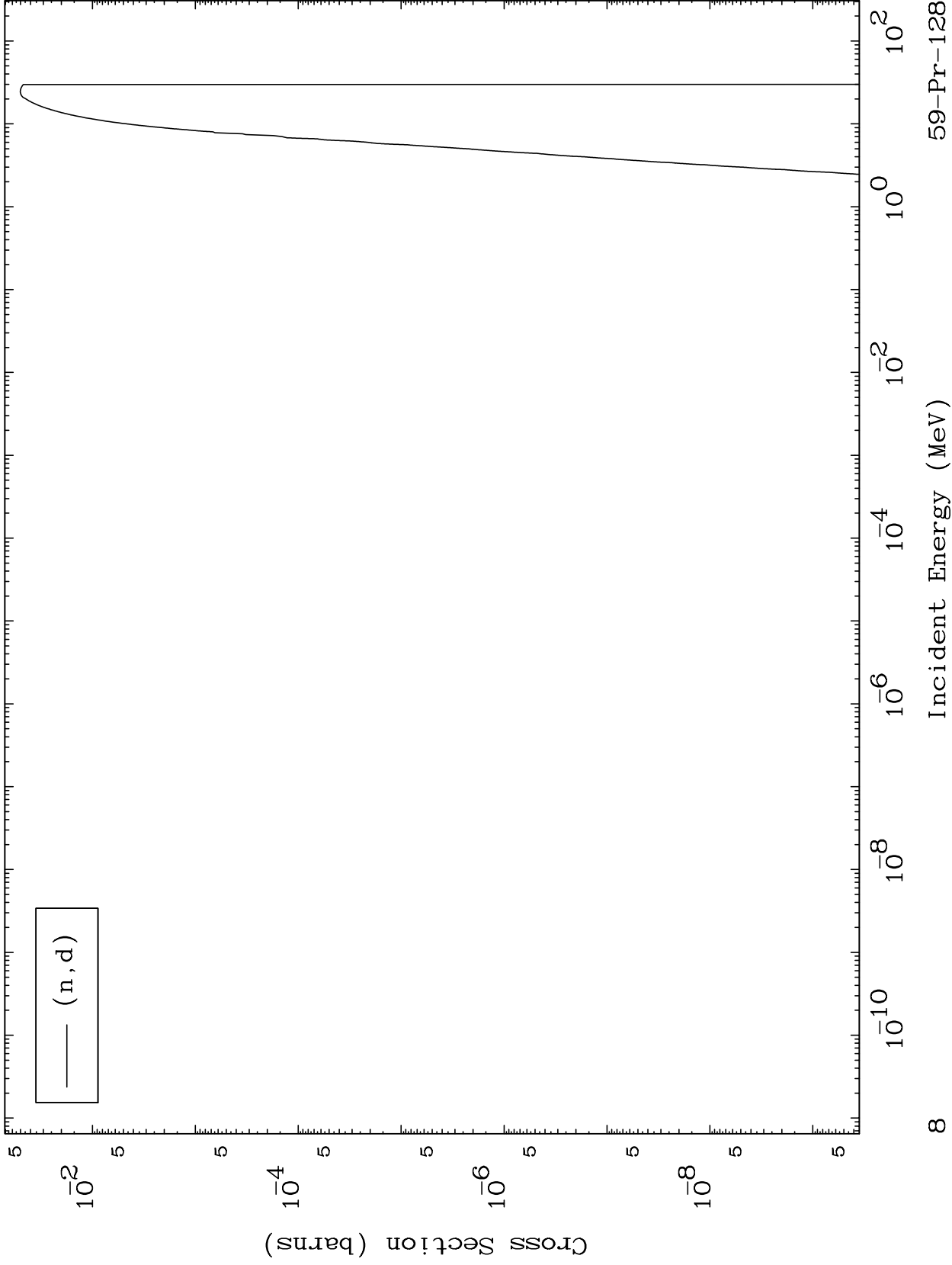
59-Pr-128



MAT 5886

(n,d) Levels
293 Kelvin Cross Sections

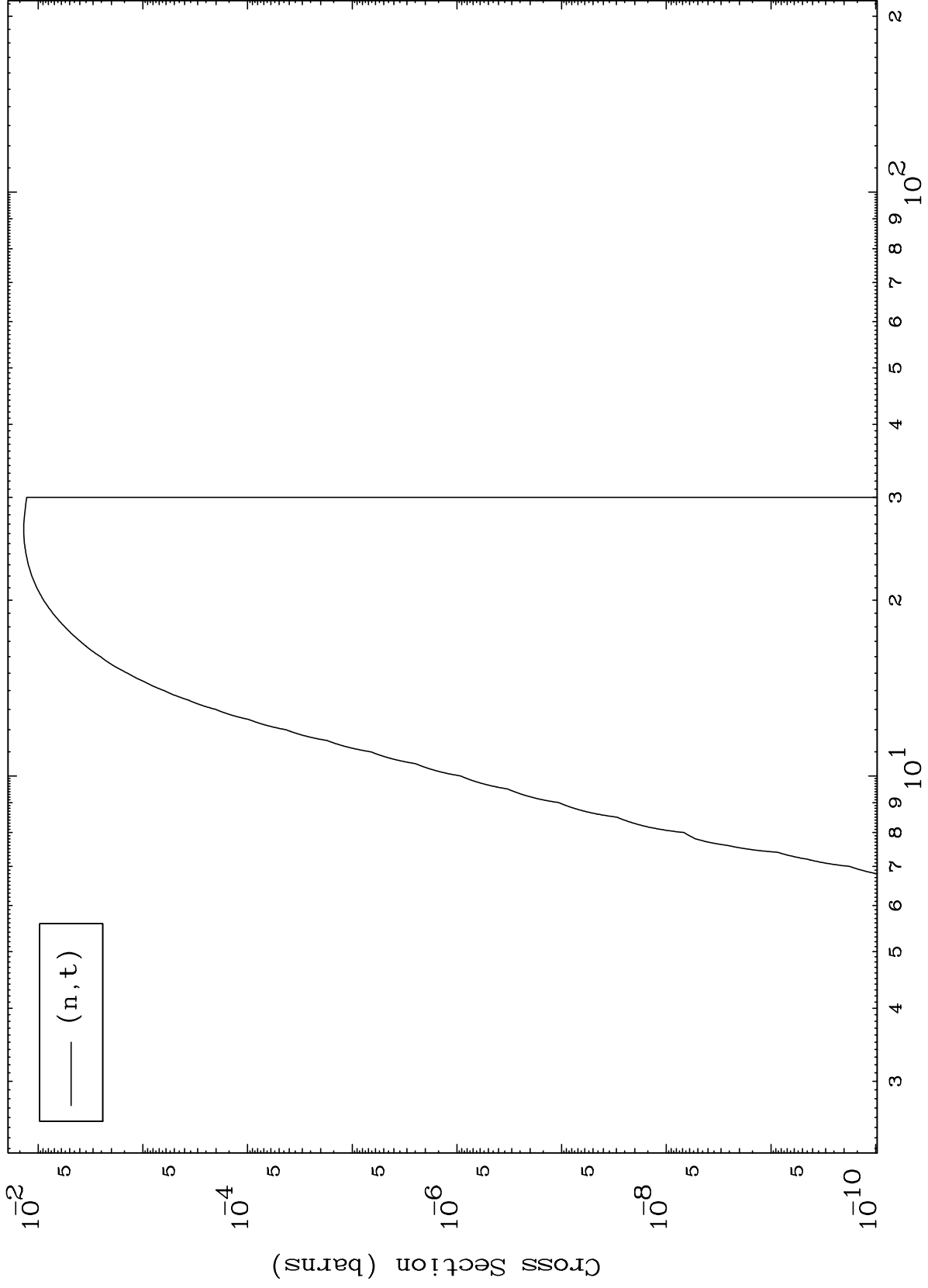
59-Pr-128



MAT 5886

(n,t) Levels
293 Kelvin Cross Sections

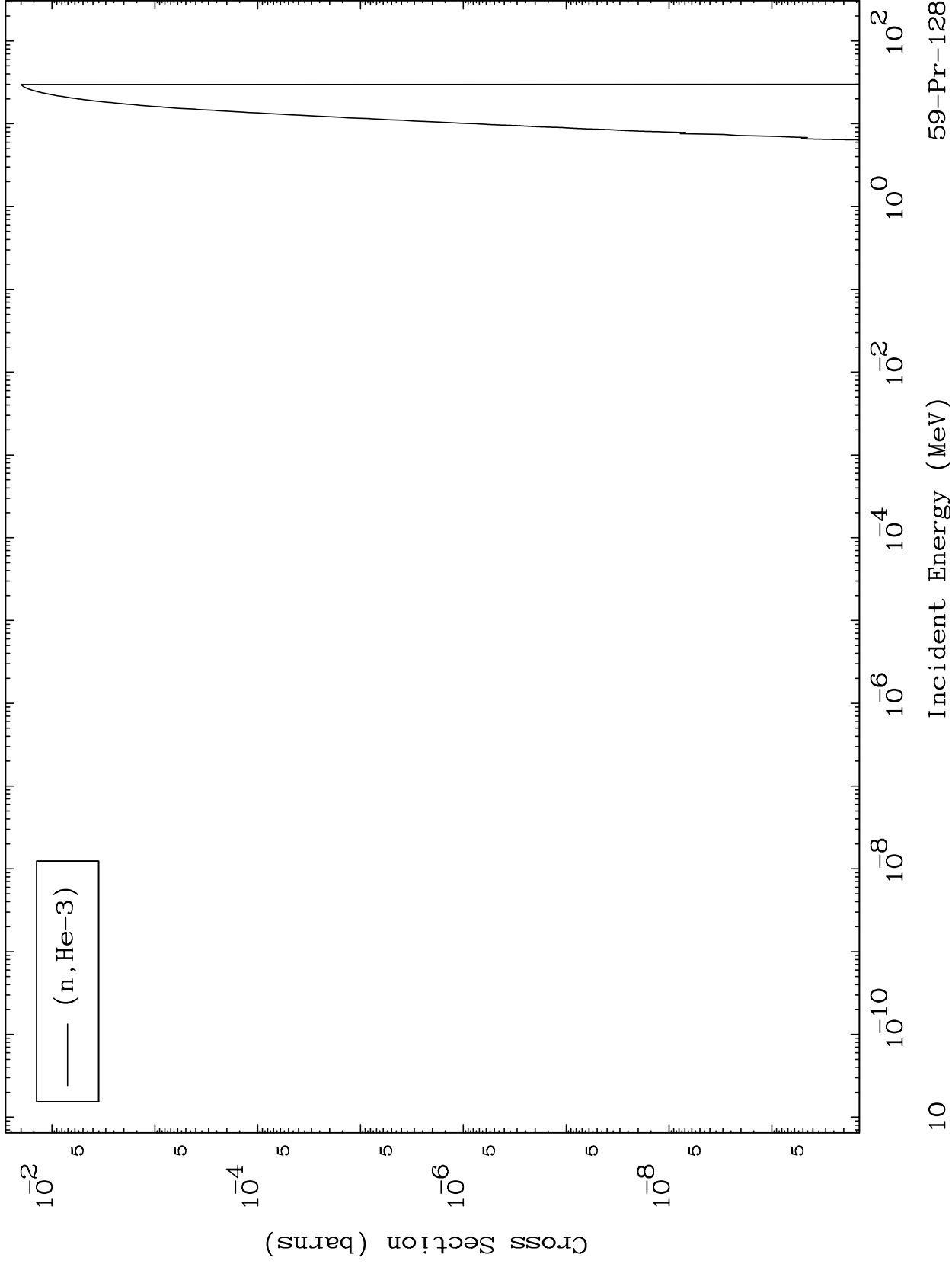
59-Pr-128



MAT 5886

(n,He3) Levels
293 Kelvin Cross Sections

59-Pr-128



10

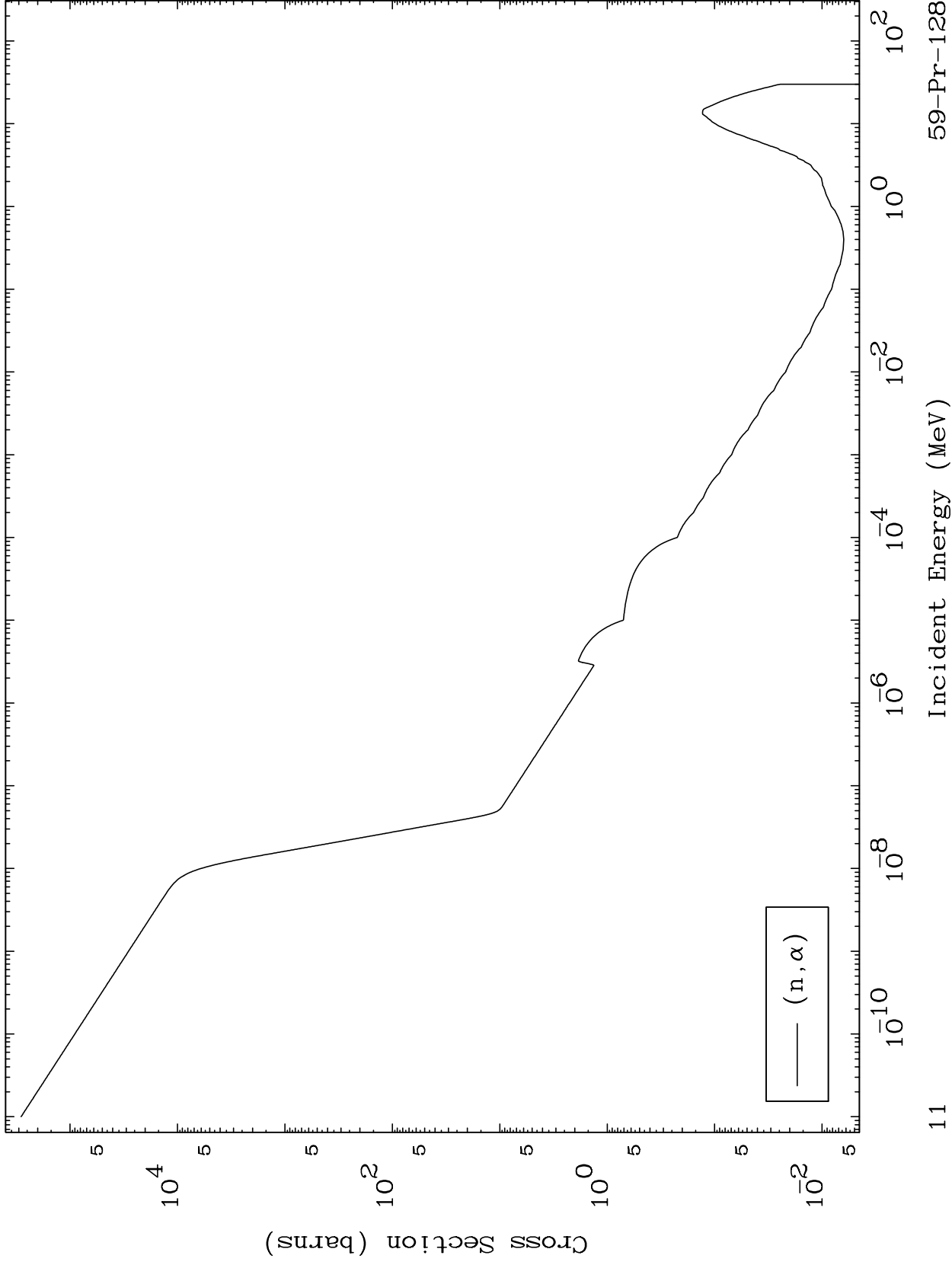
Incident Energy (MeV)

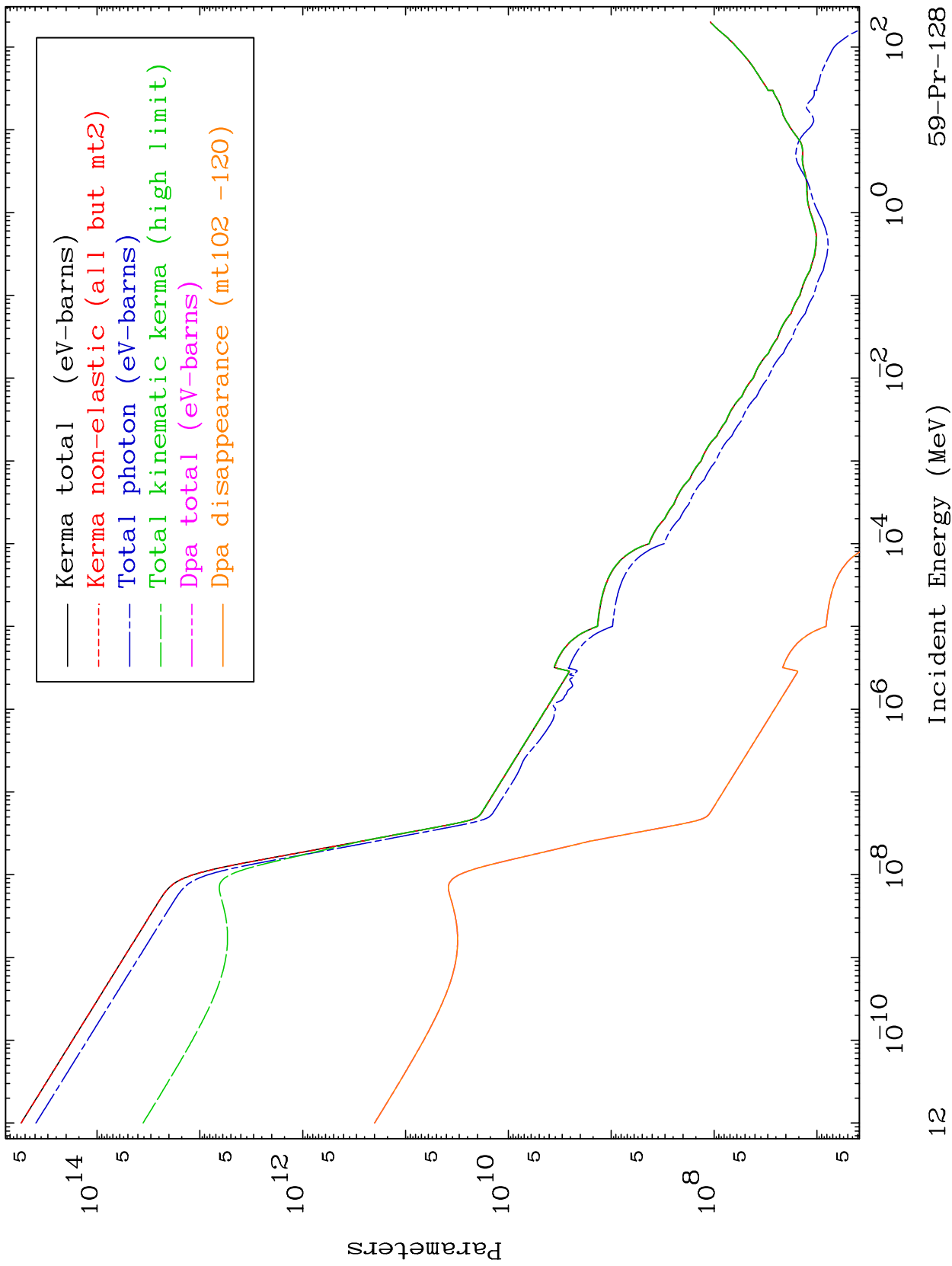
59-Pr-128

MAT 5886

(n,α) Levels
293 Kelvin Cross Sections

59-Pr-128

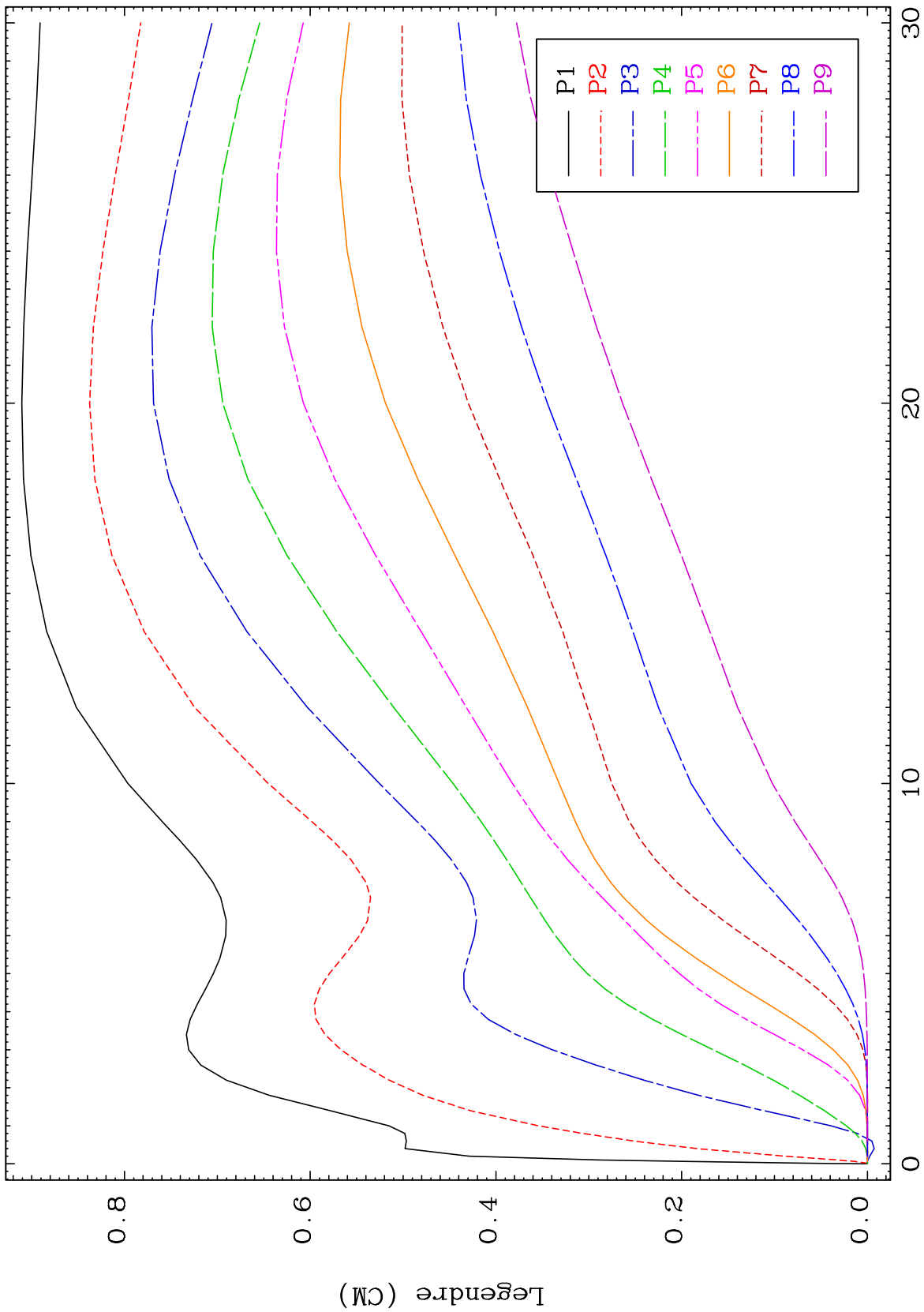




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Elastic Legendre Coefficients

59-Pr-128



13

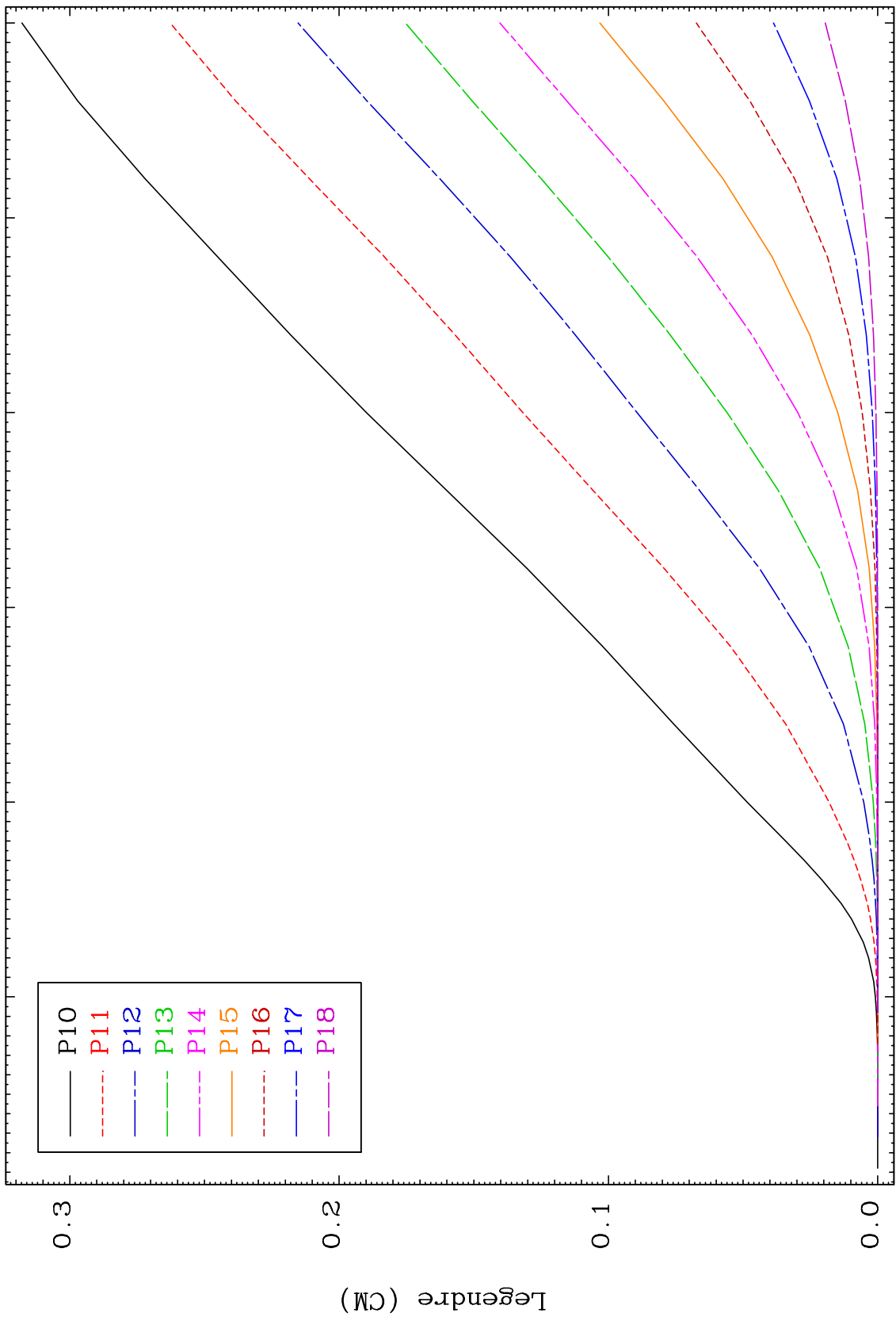
Incident Energy (MeV)

59-Pr-128

MAT 5886

Elastic Legendre Coefficients

59-Pr-128



14

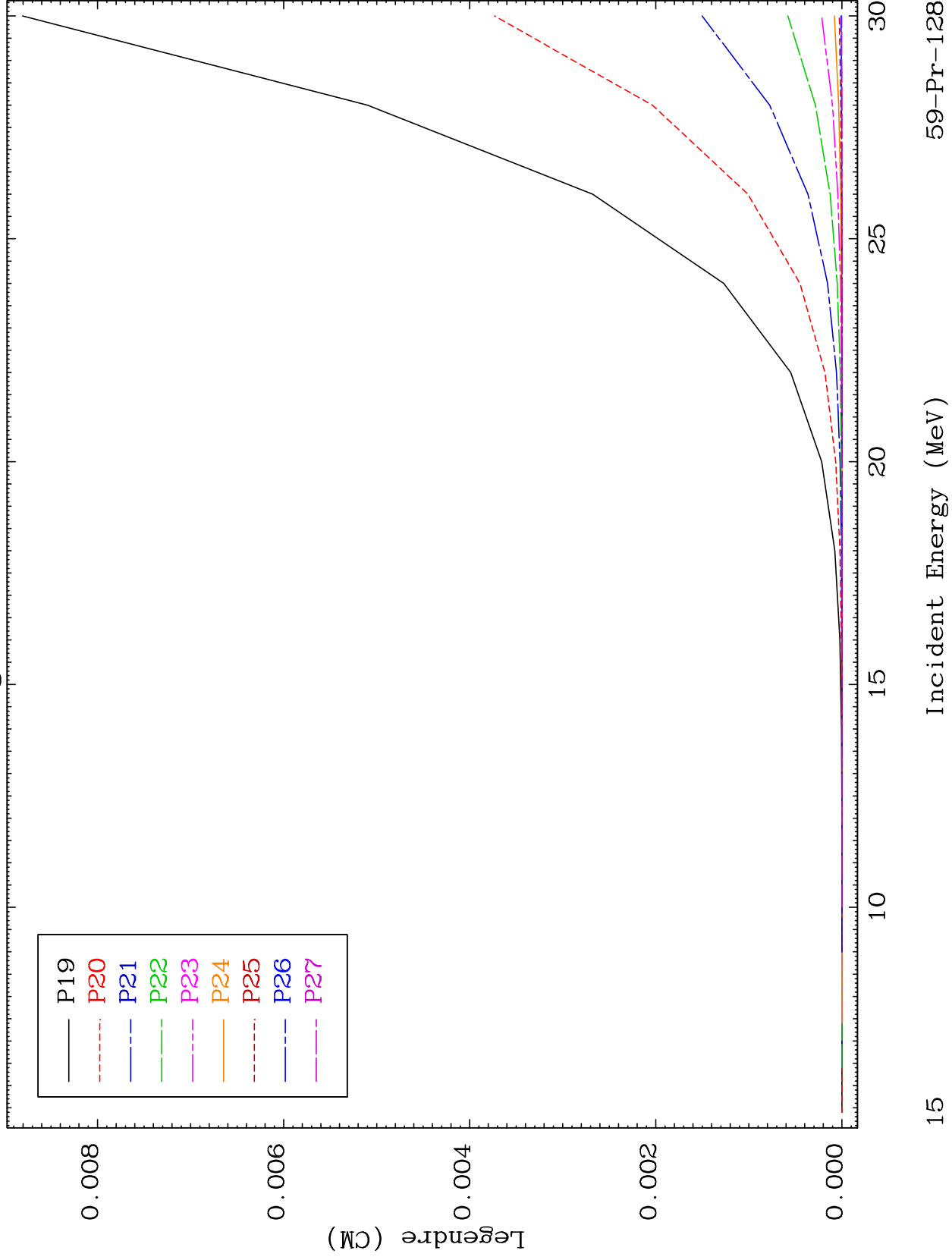
Incident Energy (MeV)

59-Pr-128

MAT 5886

Elastic Legendre Coefficients

59-Pr-128



15

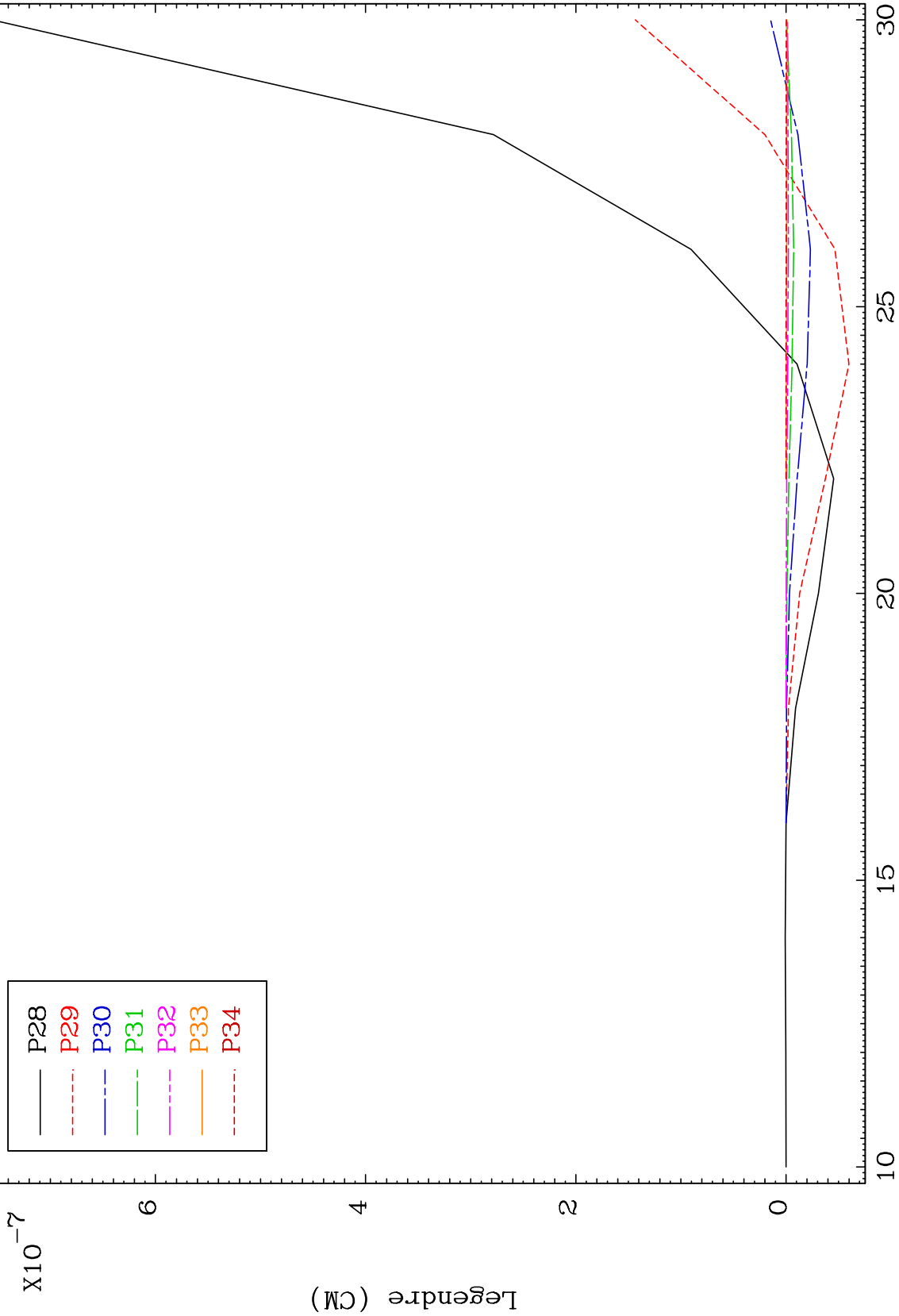
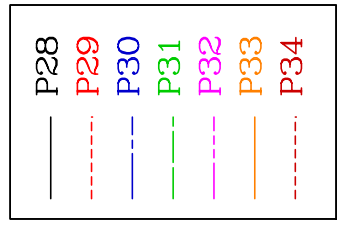
Incident Energy (MeV)

59-Pr-128

MAT 5886

Elastic Legendre Coefficients

59-Pr-128



16

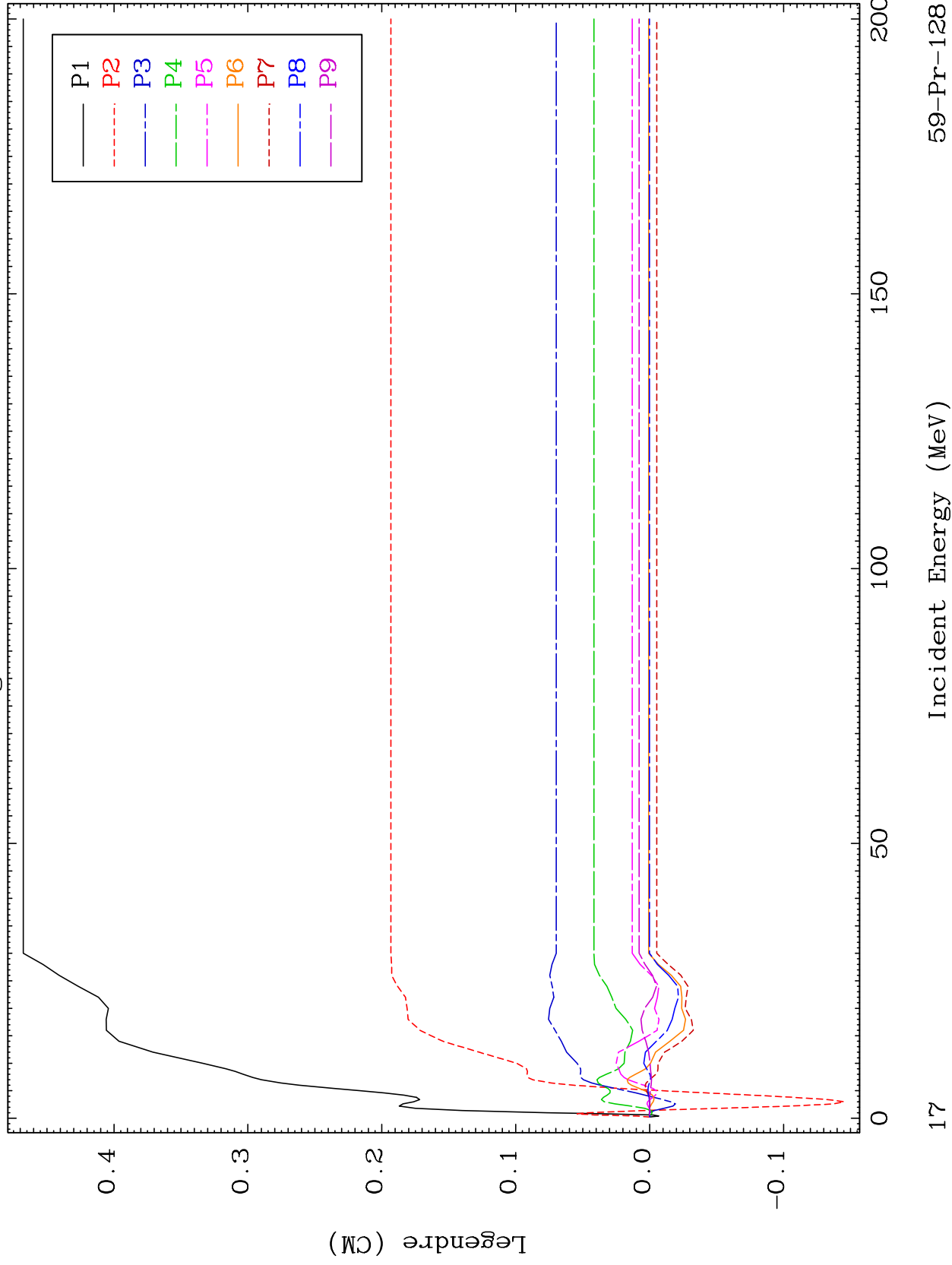
Incident Energy (MeV)

59-Pr-128

MAT 5886

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

59-Pr-128



59-Pr-128

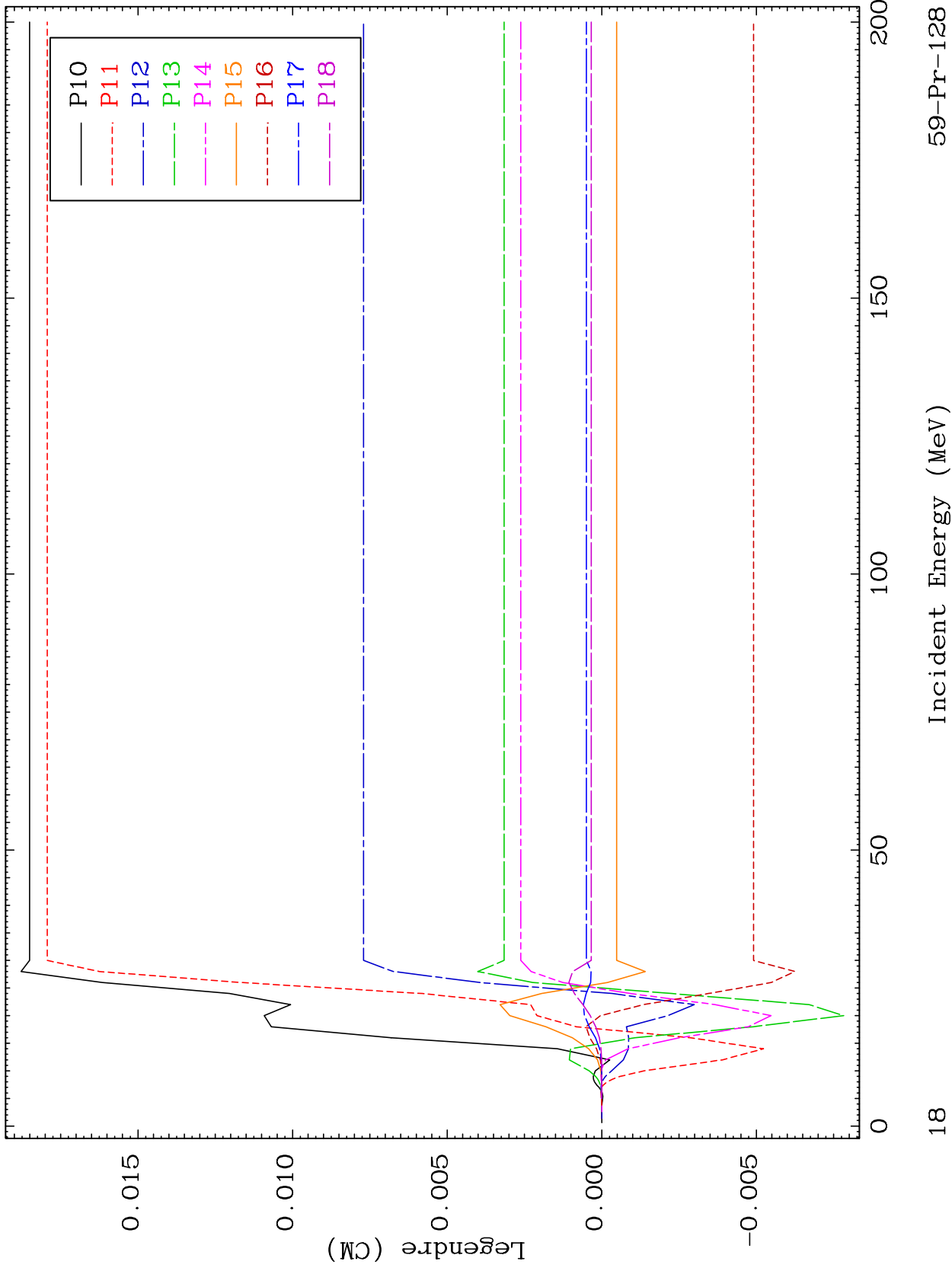
Incident Energy (MeV)

17

MAT 5886

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

59-Pr-128



59-Pr-128

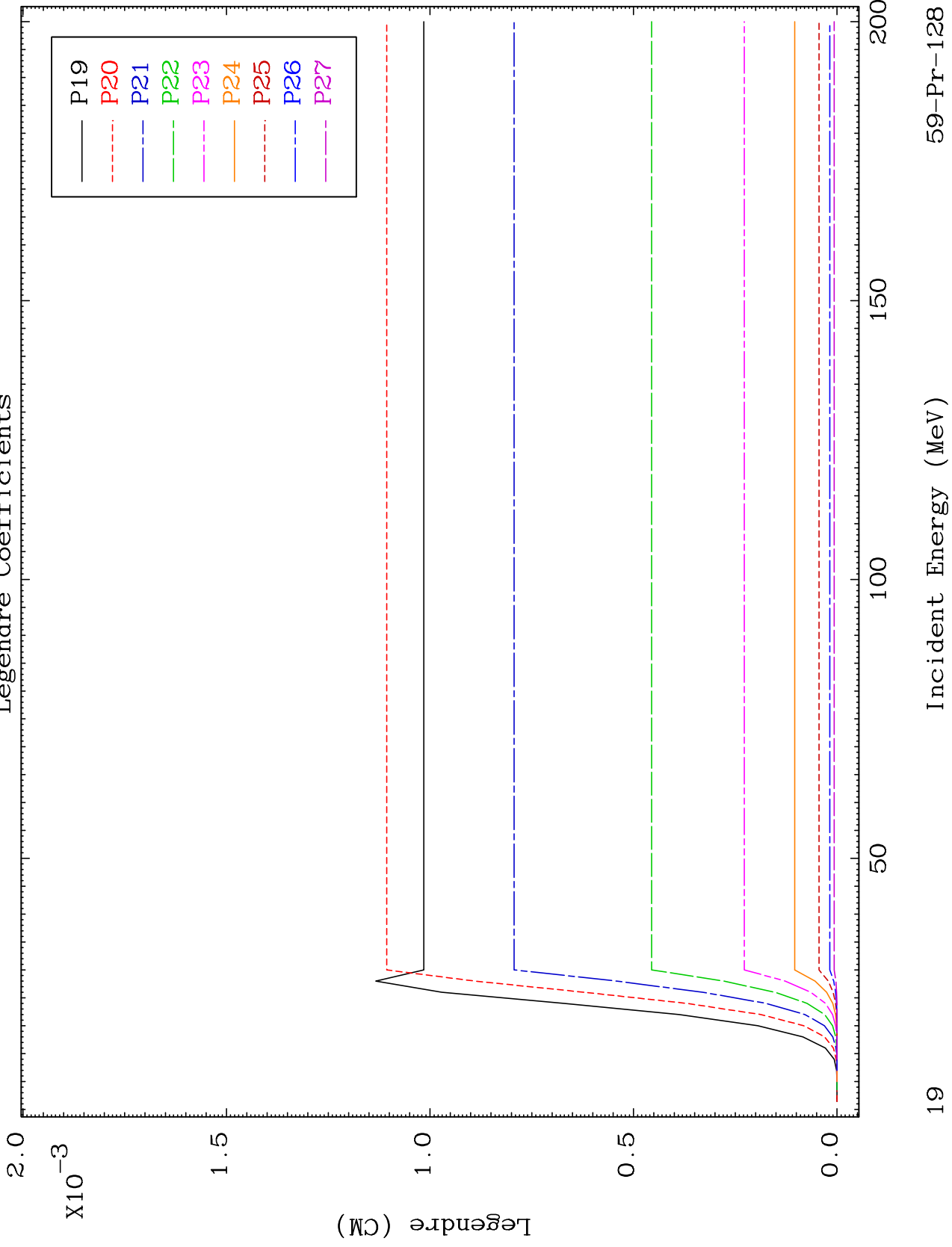
Incident Energy (MeV)

18

MAT 5886

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

59-Pr-128



19

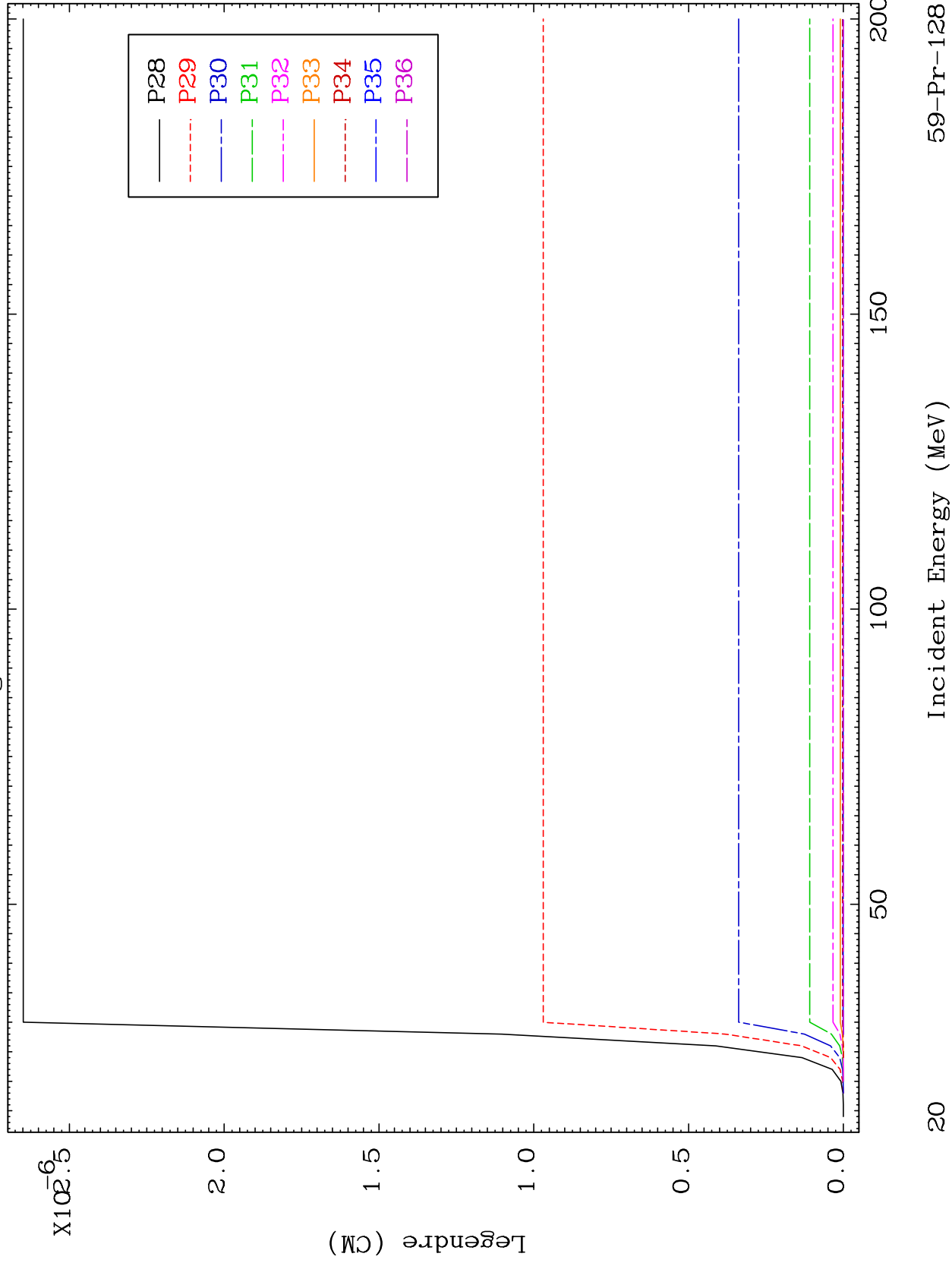
Incident Energy (MeV)

59-Pr-128

MAT 5886

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

59-Pr-128

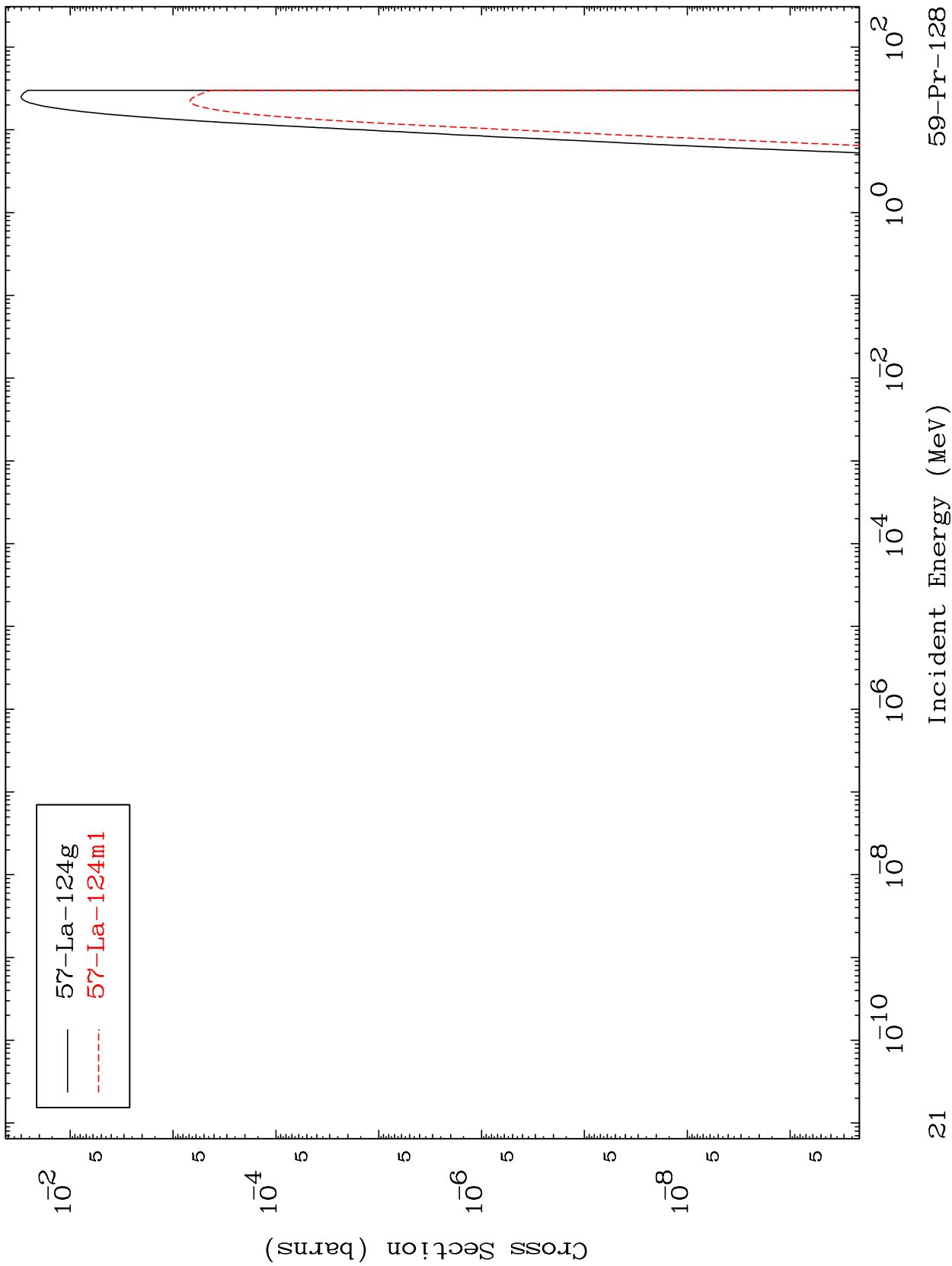


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(n, n') α

59-Pr-128

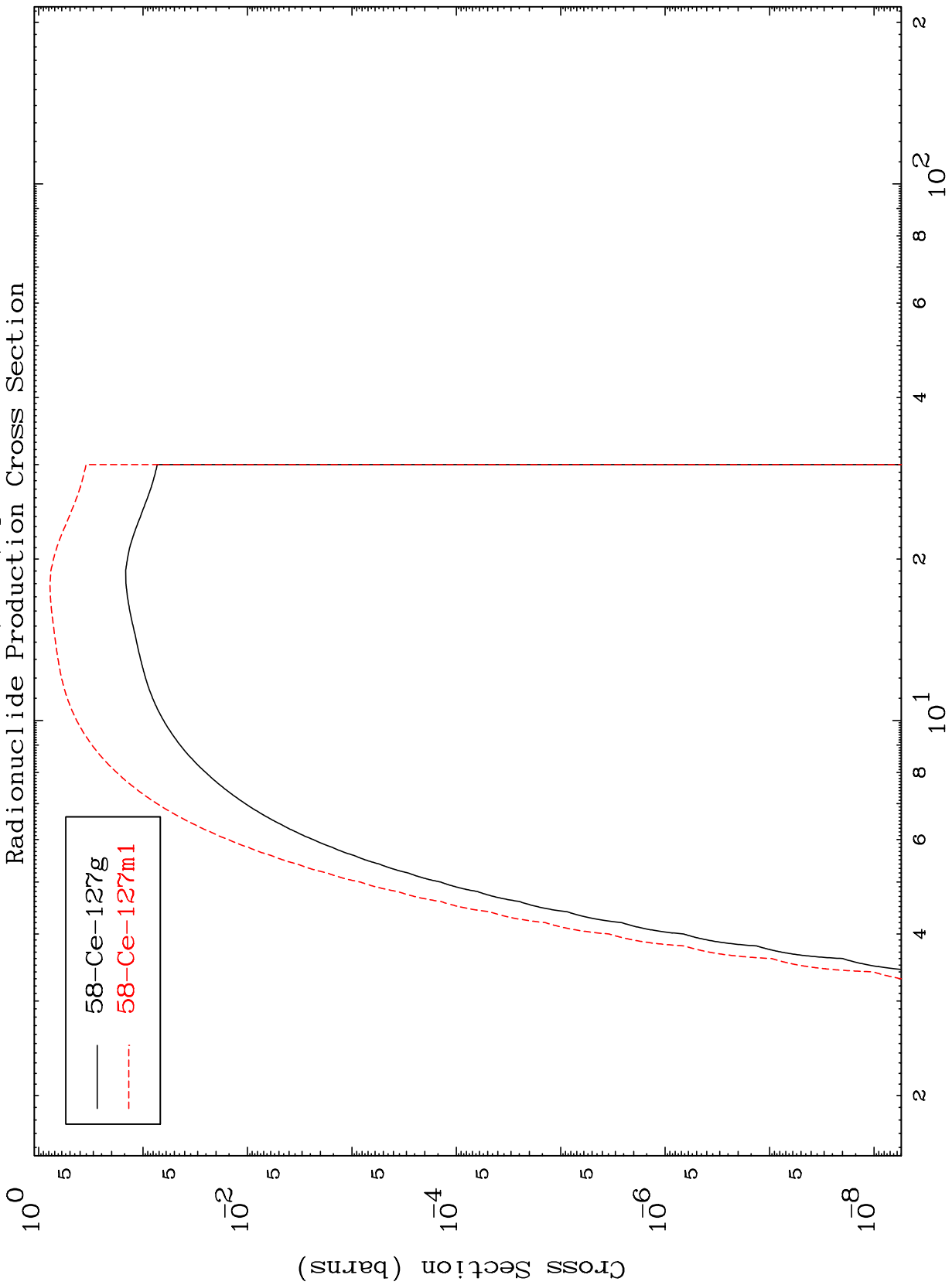
Radionuclide Production Cross Section



MAT 5886

(n,n') p

59-Pr-128

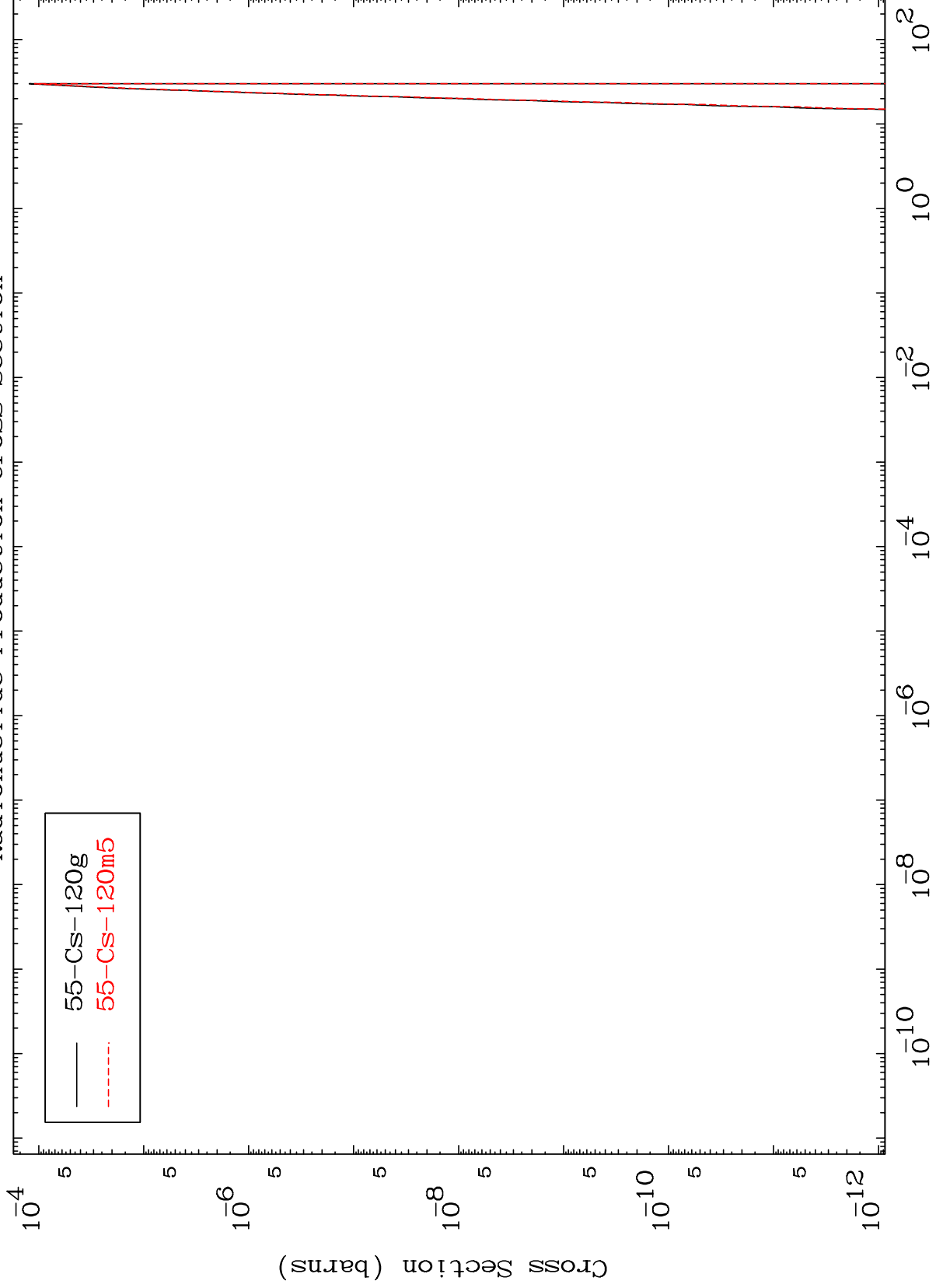


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(n,n') 2α

59-Pr-128

Radionuclide Production Cross Section

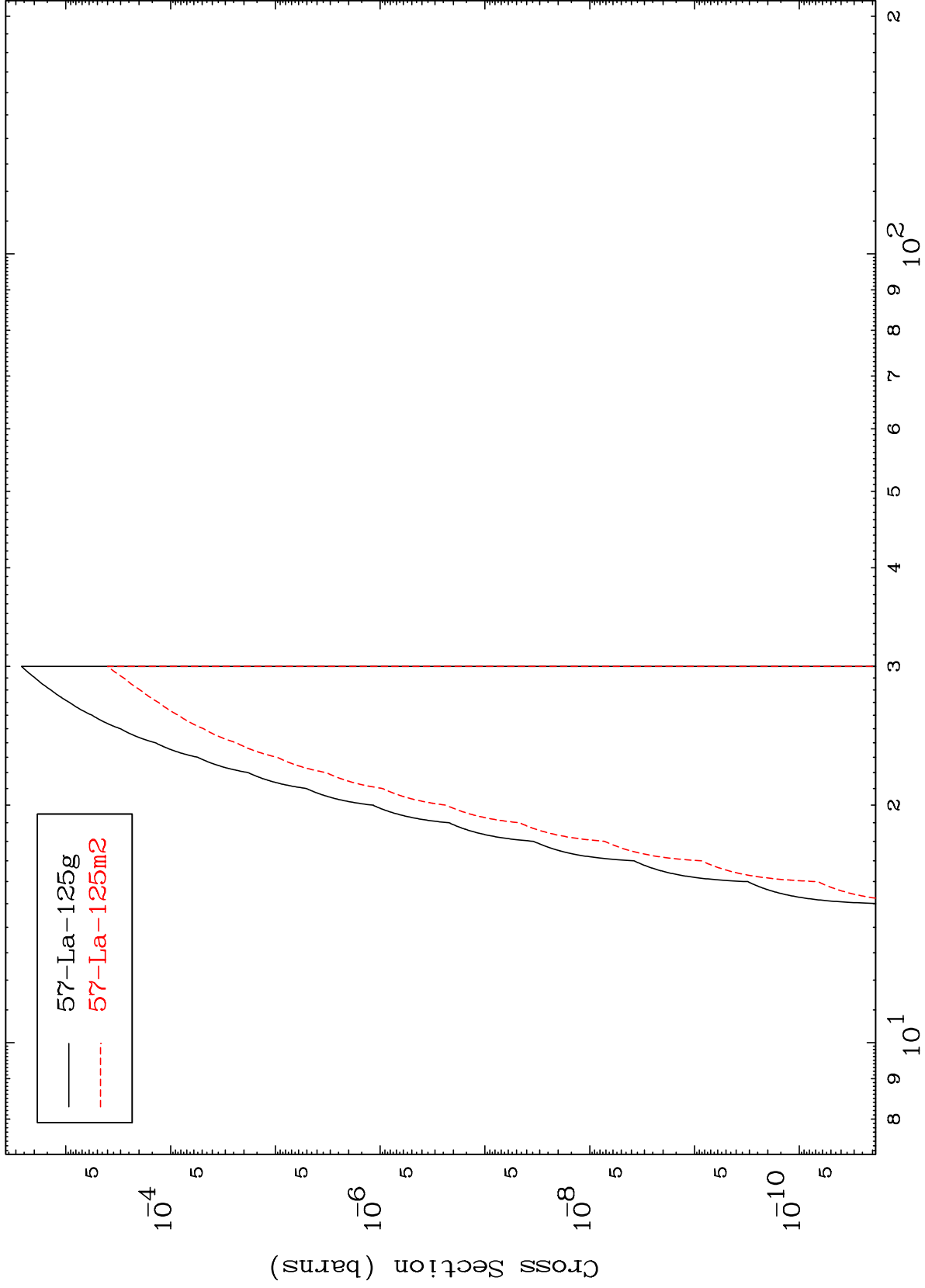


MAT 5886

(n,n') He-3

59-Pr-128

Radionuclide Production Cross Section



24

Incident Energy (MeV)

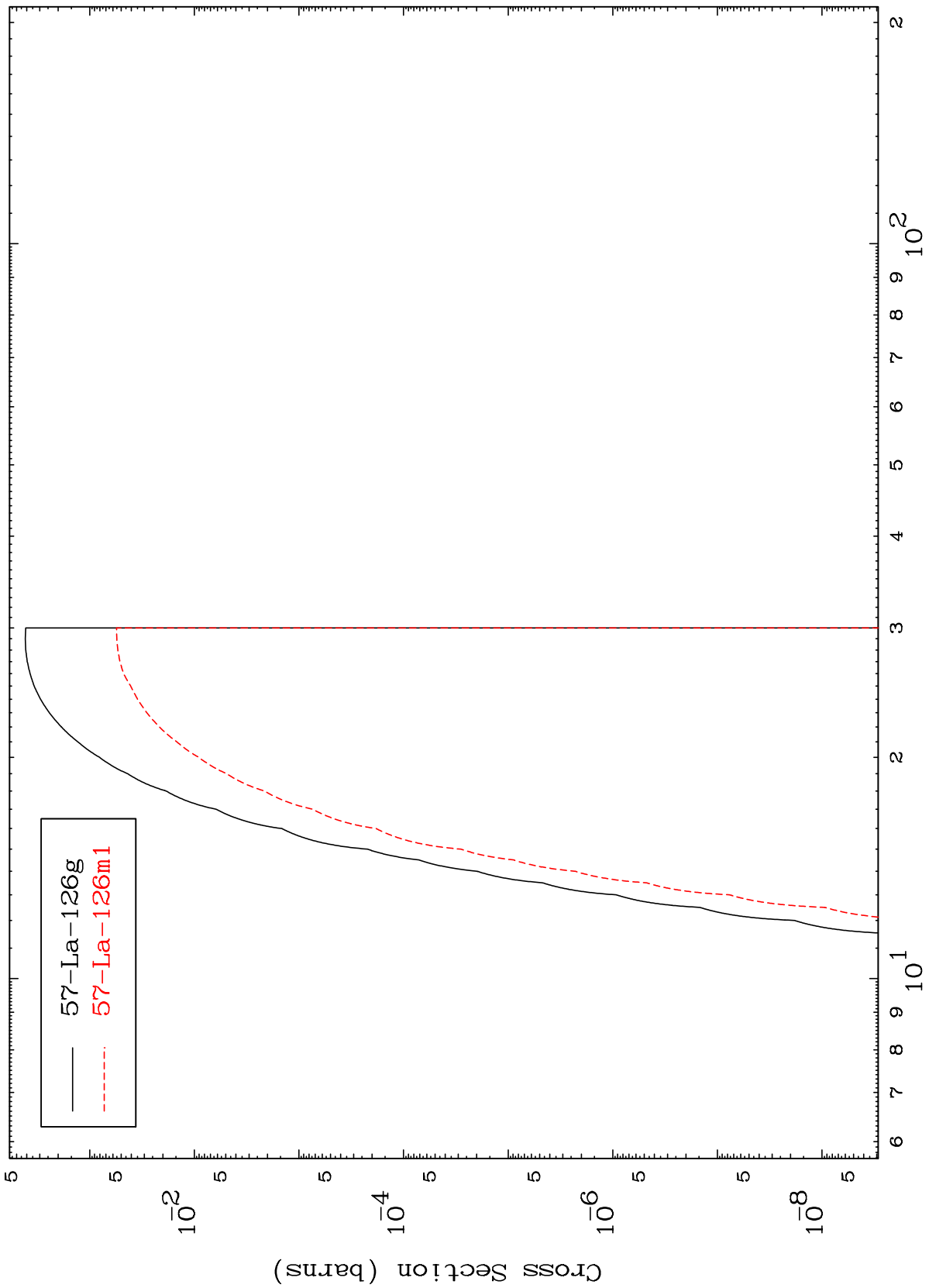
59-Pr-128

MAT 5886

(n,2n) p

59-Pr-128

Radionuclide Production Cross Section



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

25

Incident Energy (MeV)

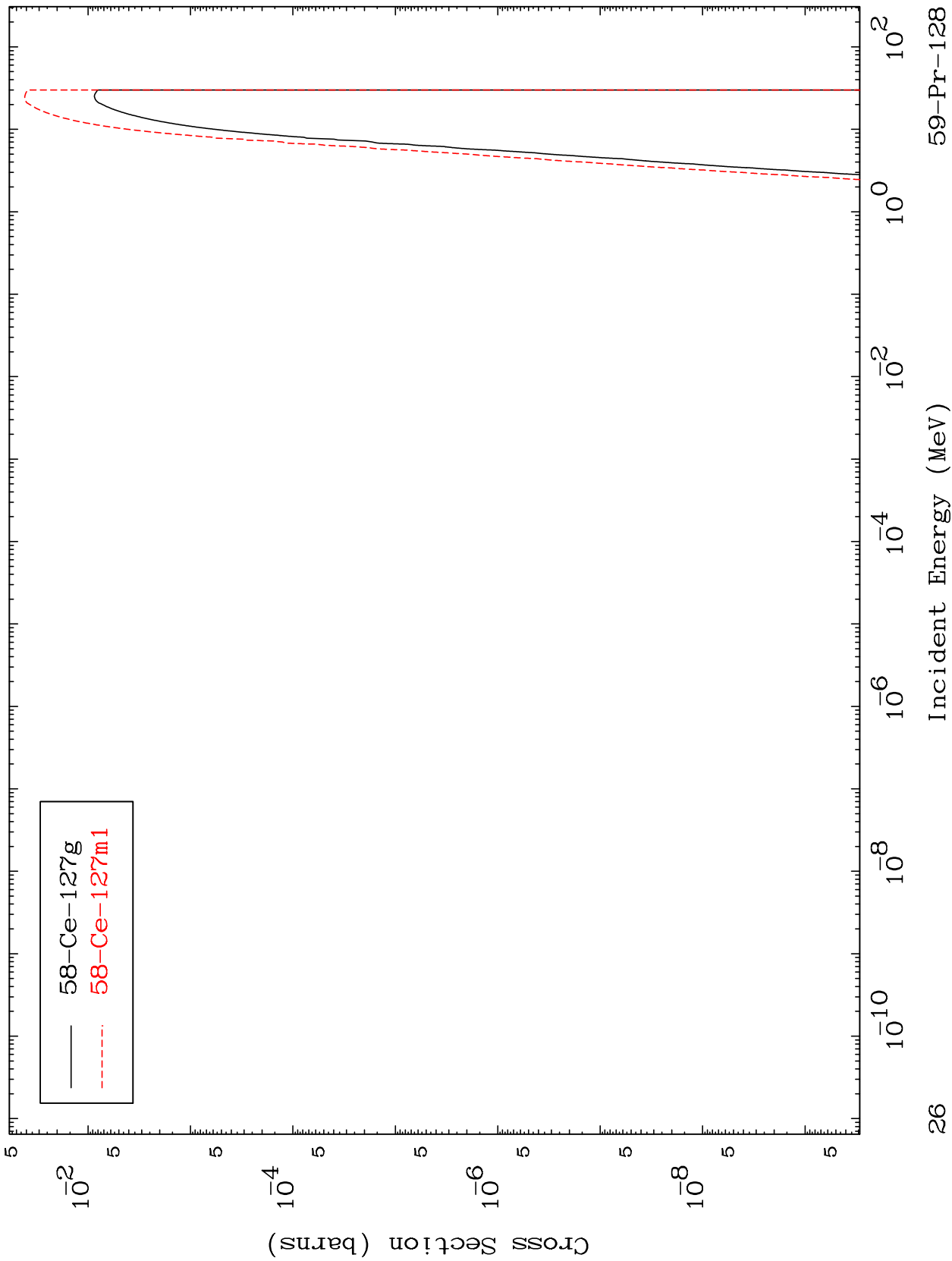
59-Pr-128

MAT 5886

(n,d)

59-Pr-128

Radionuclide Production Cross Section

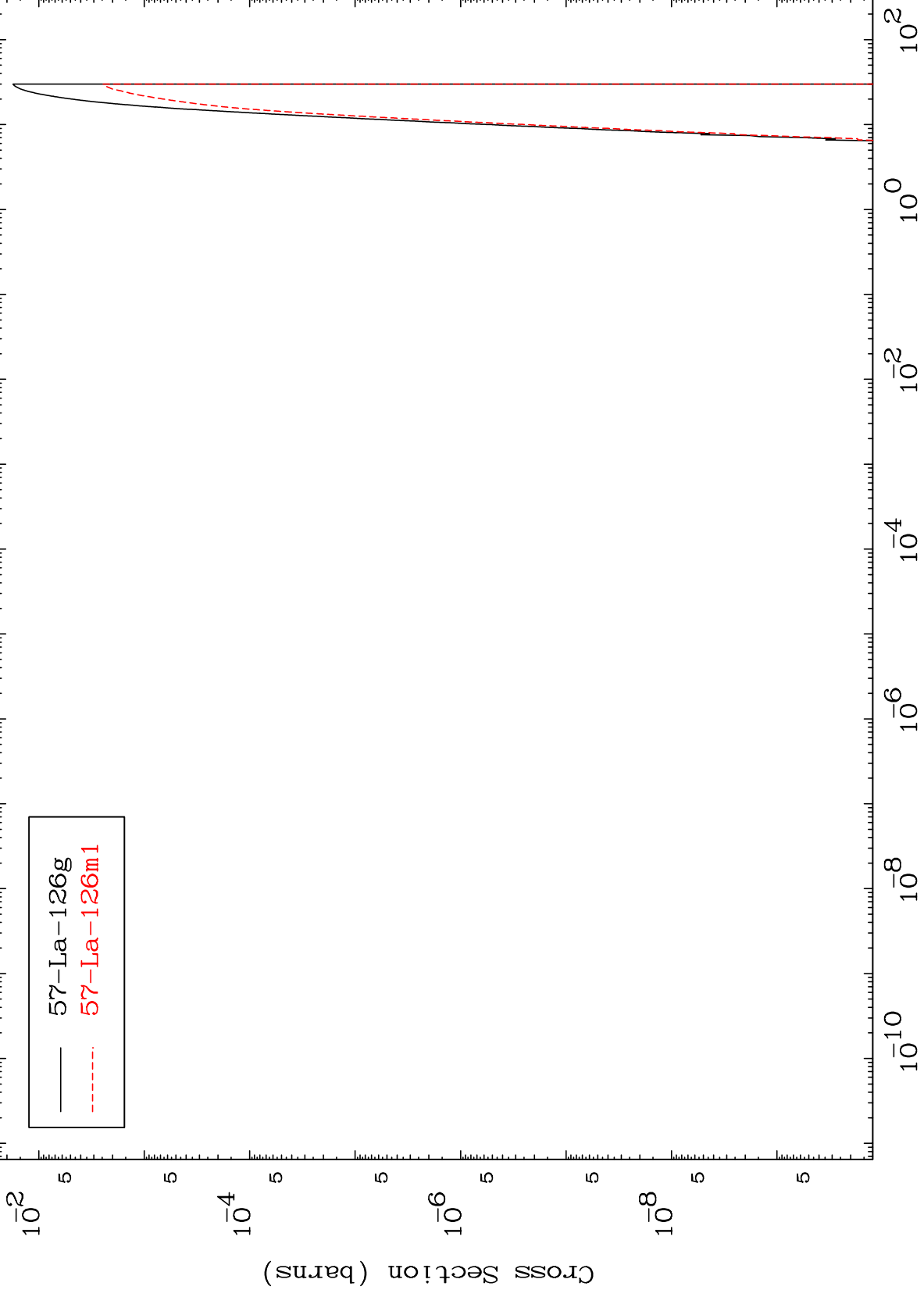


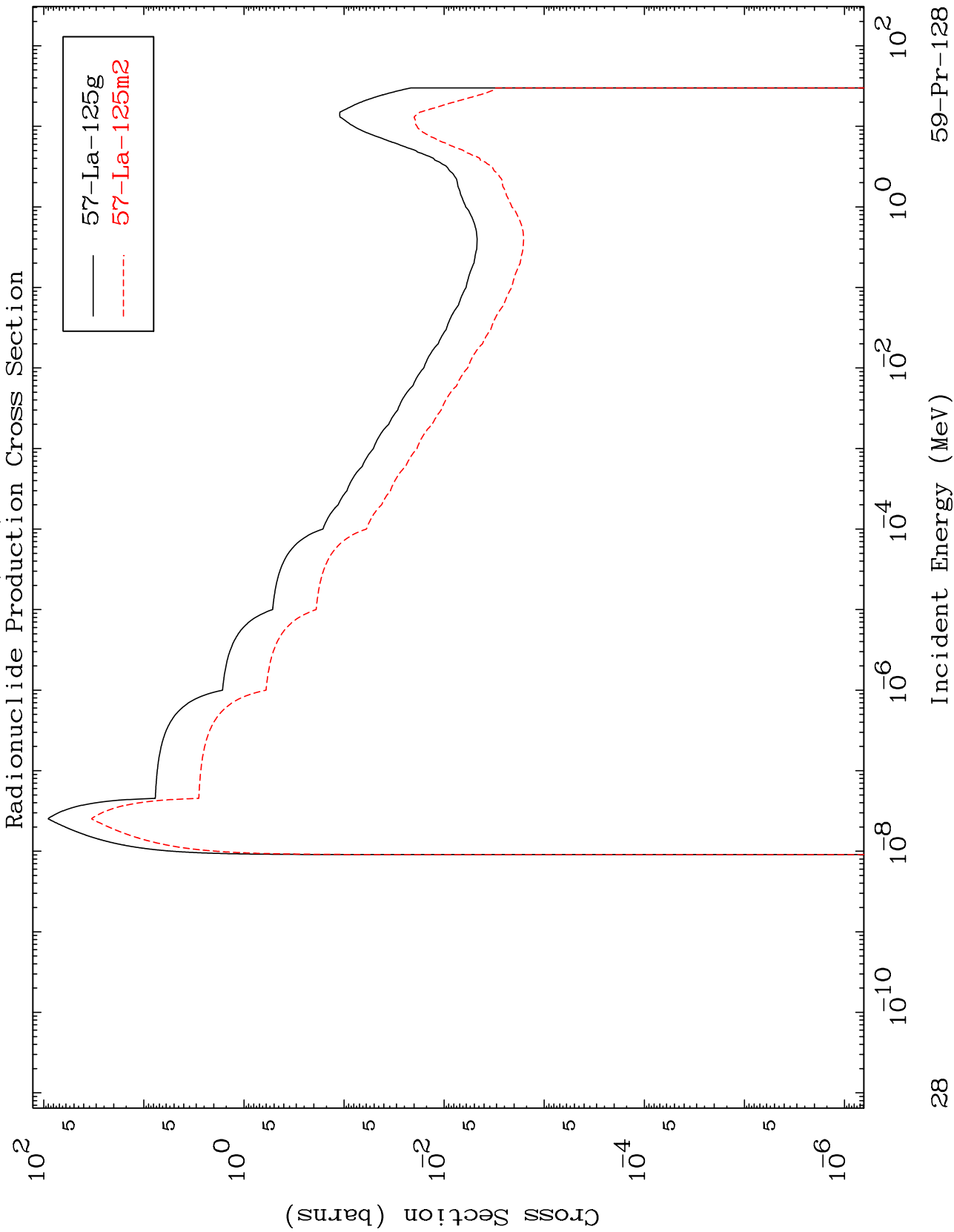
MAT 5886

(n,He-3)

59-Pr-128

Radionuclide Production Cross Section



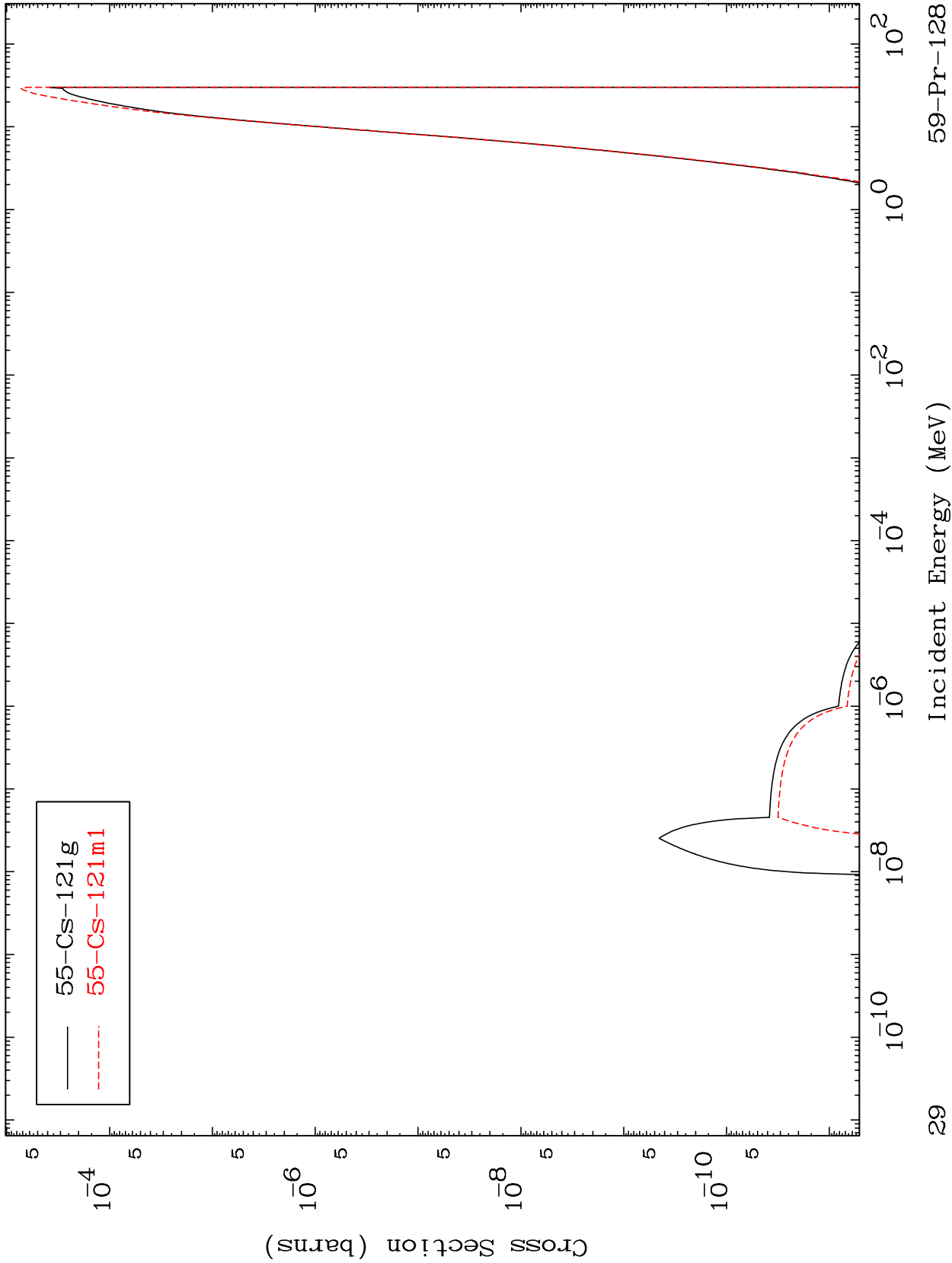


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(n,2α)

59-Pr-128

Radionuclide Production Cross Section

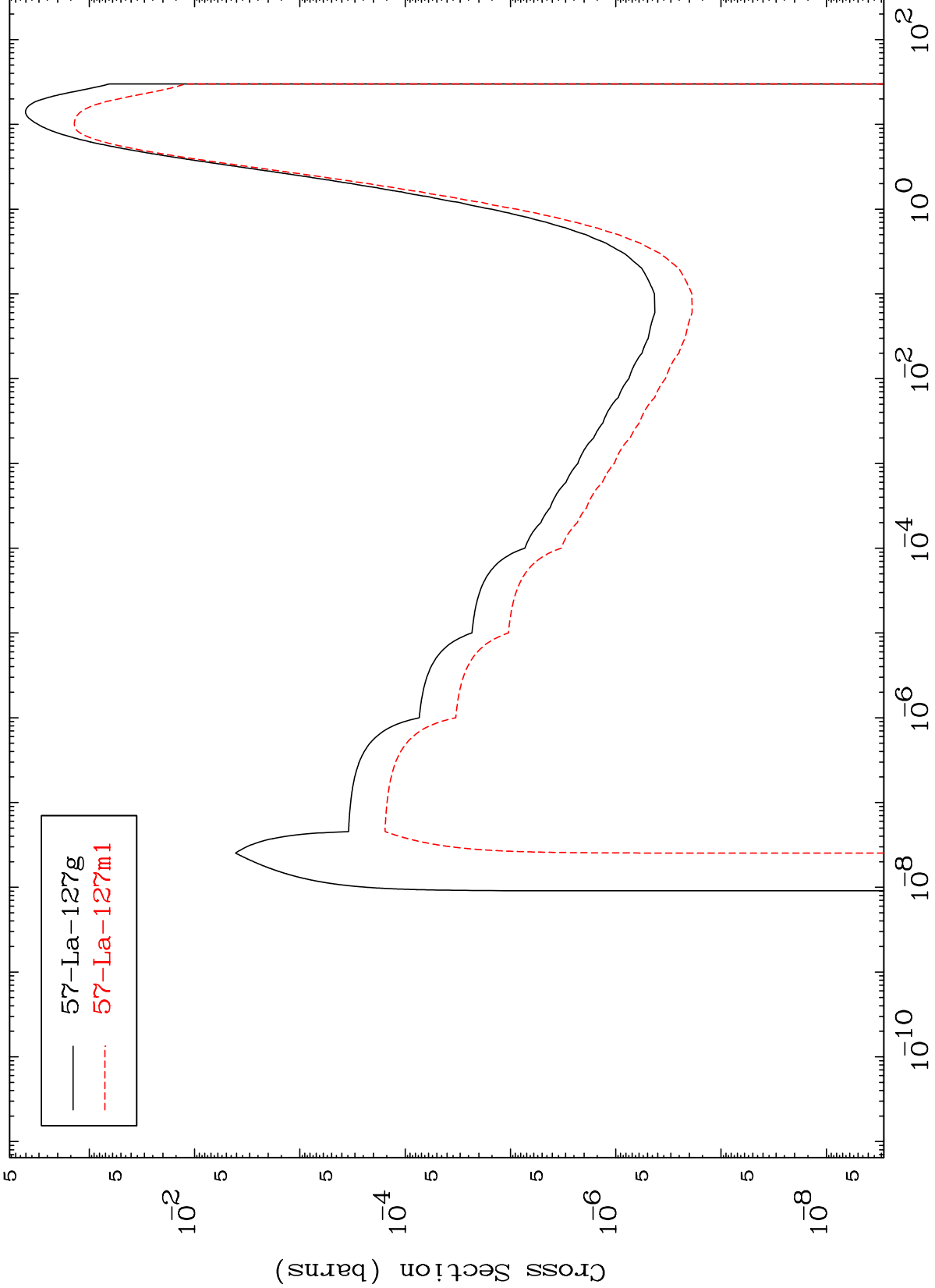


MAT 5886

(n,2p)

59-Pr-128

Radionuclide Production Cross Section



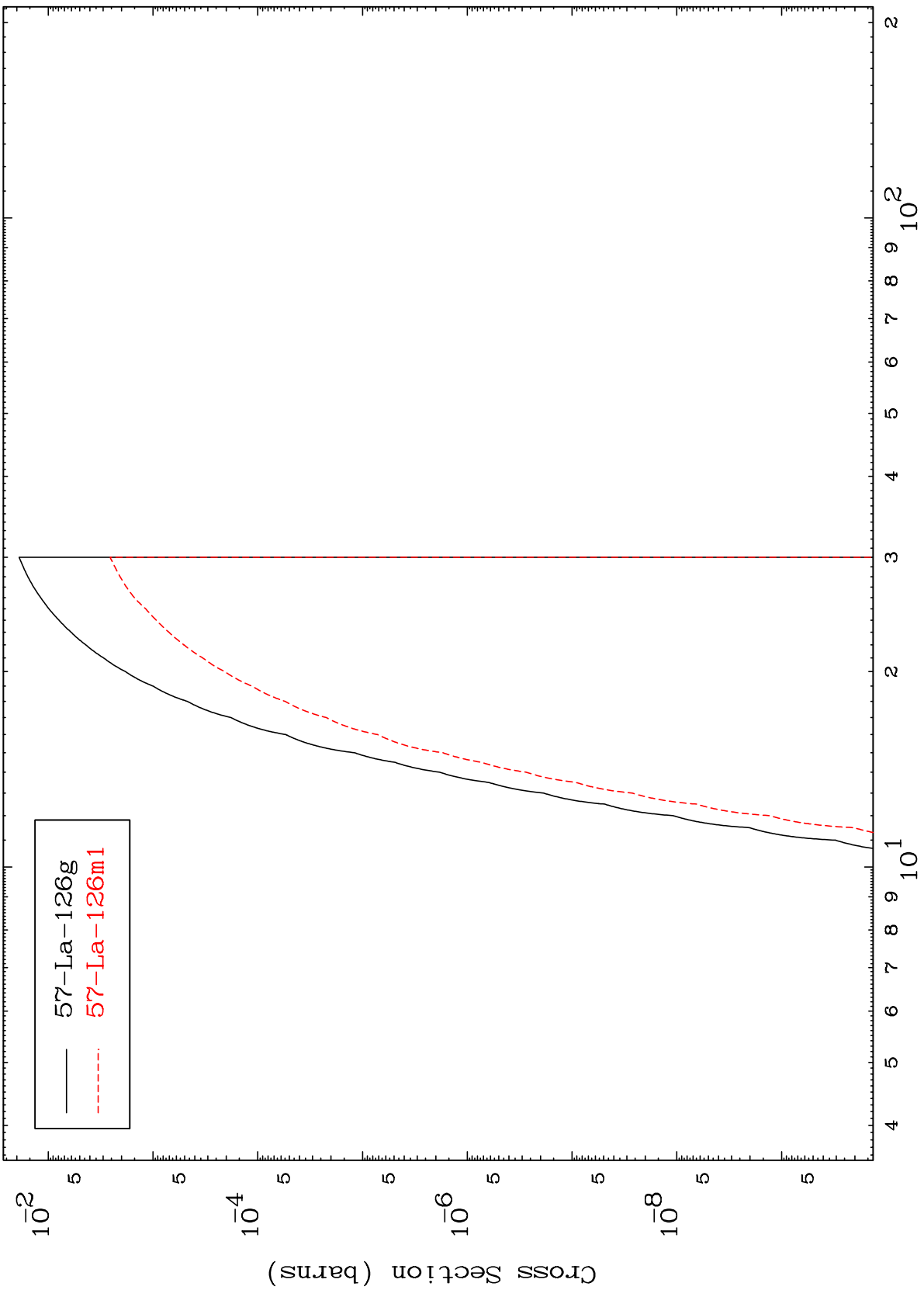
57-La-127g
57-La-127m1

MAT 5886

(n,p) d

59-Pr-128

Radionuclide Production Cross Section

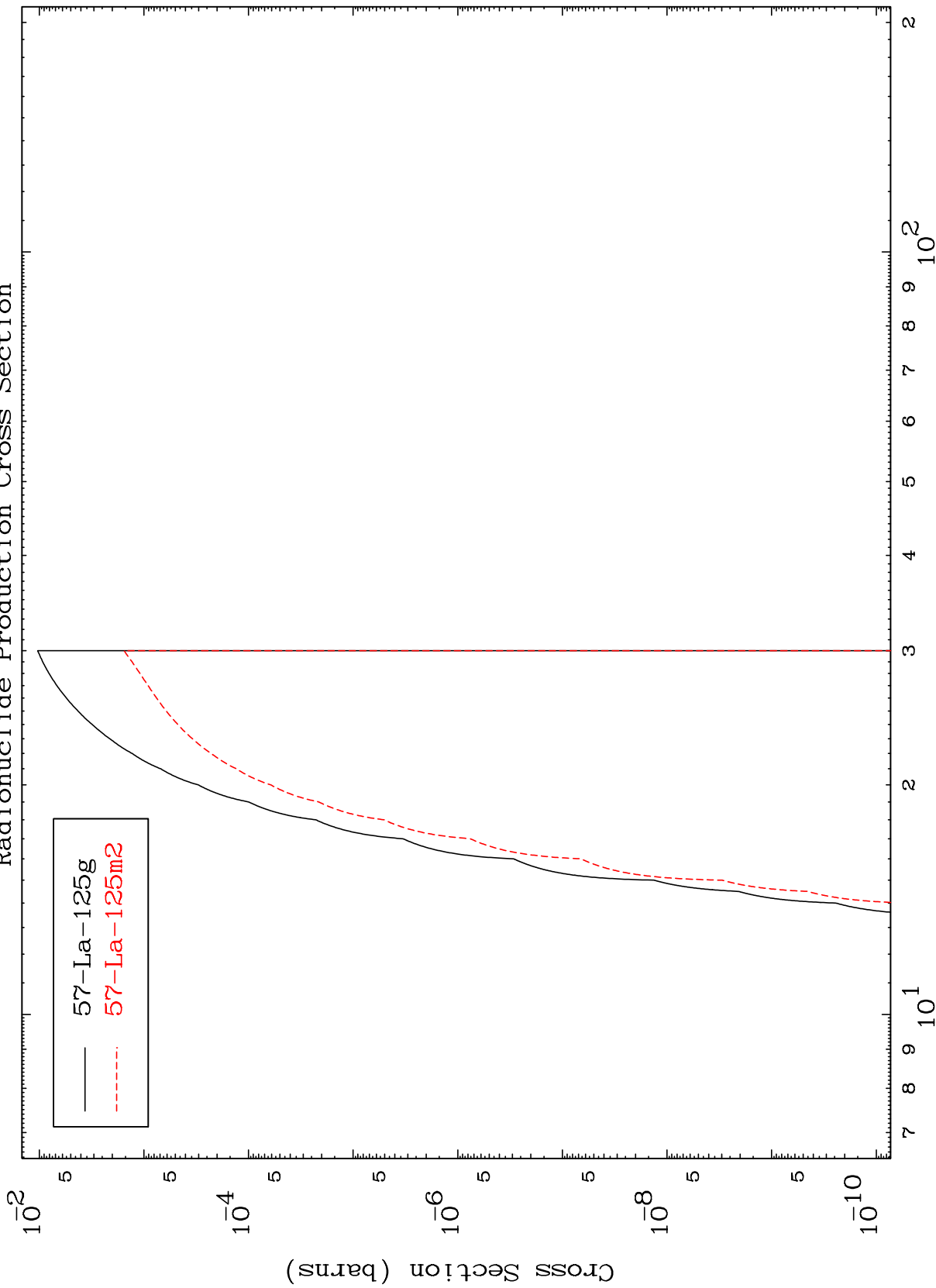


MAT 5886

(n,p) t

59-Pr-128

Radionuclide Production Cross Section



32

Incident Energy (MeV)

59-Pr-128