

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

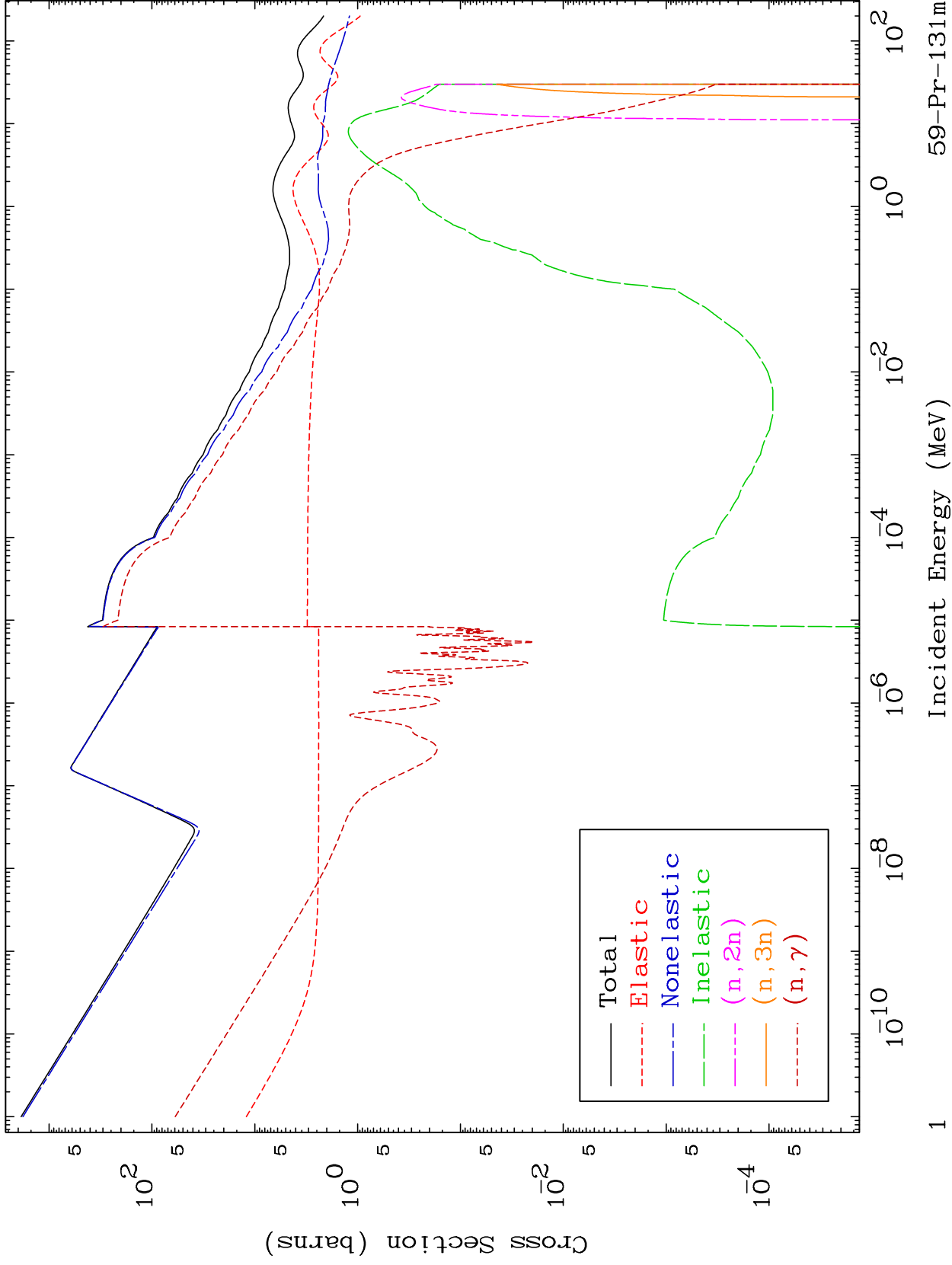
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5896

Neutron Major
293 Kelvin Cross Sections

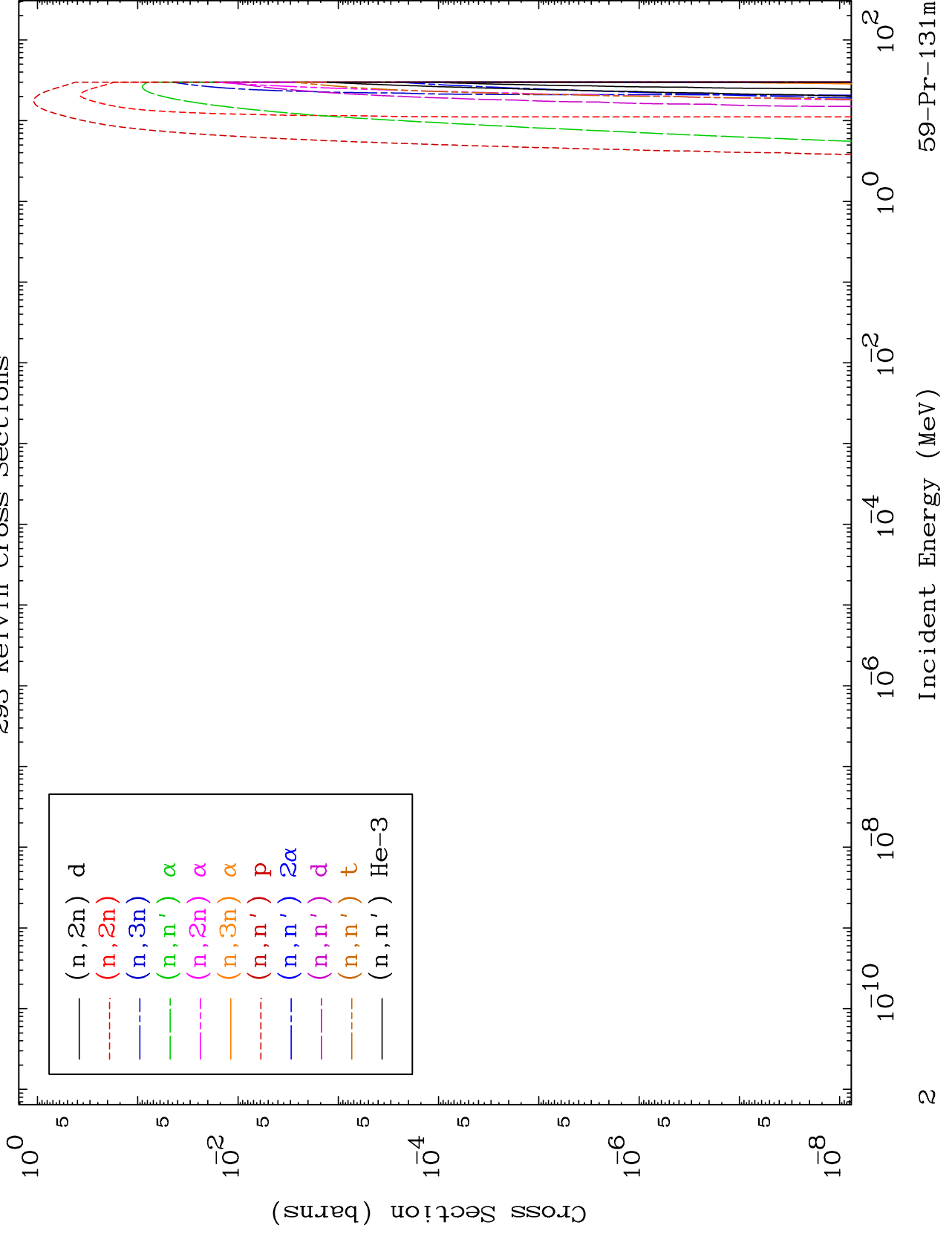
59-Pr-131m



MAT 5896

Neutron Absorption
293 Kelvin Cross Sections

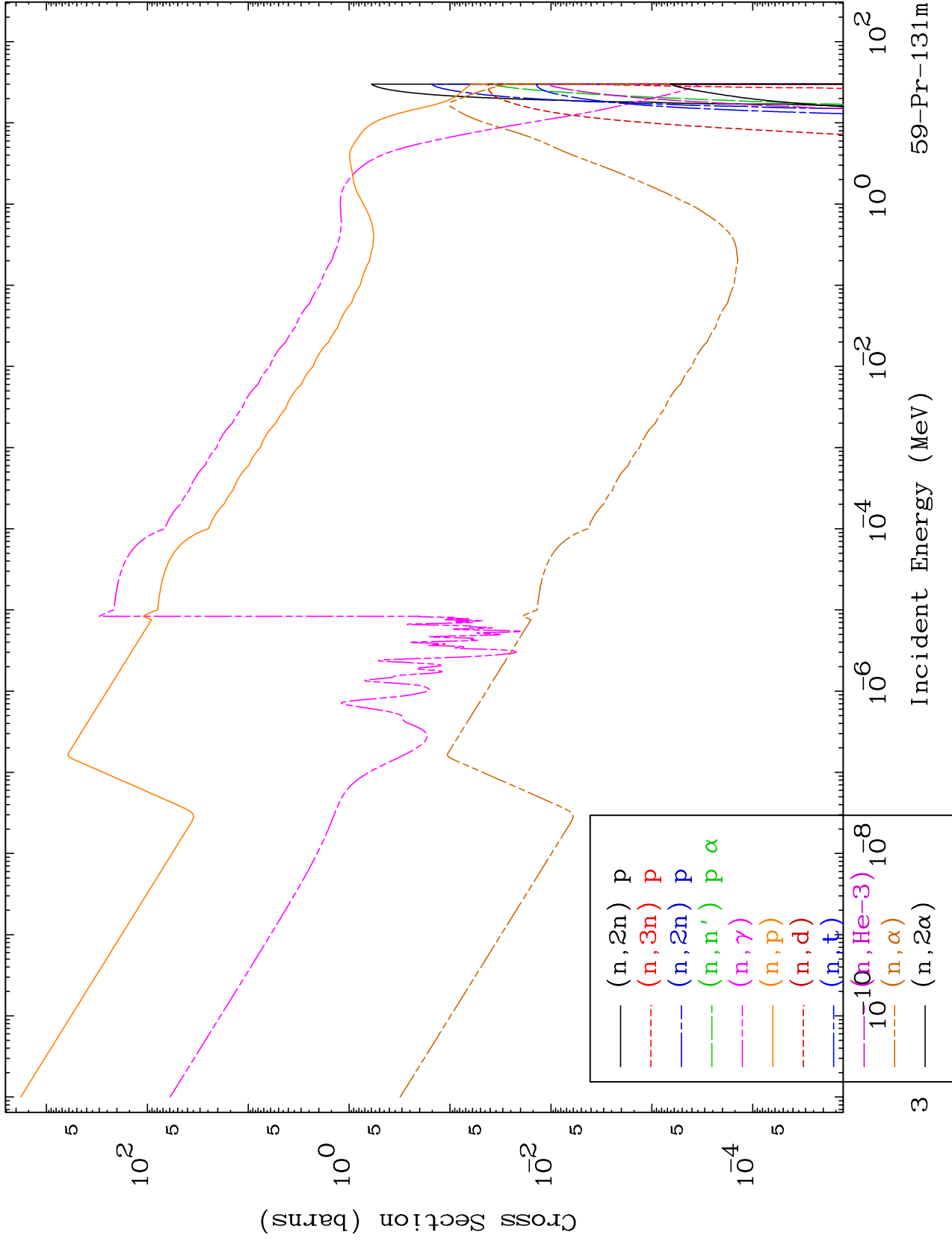
59-Pr-131m



MAT 5896

Neutron Absorption
293 Kelvin Cross Sections

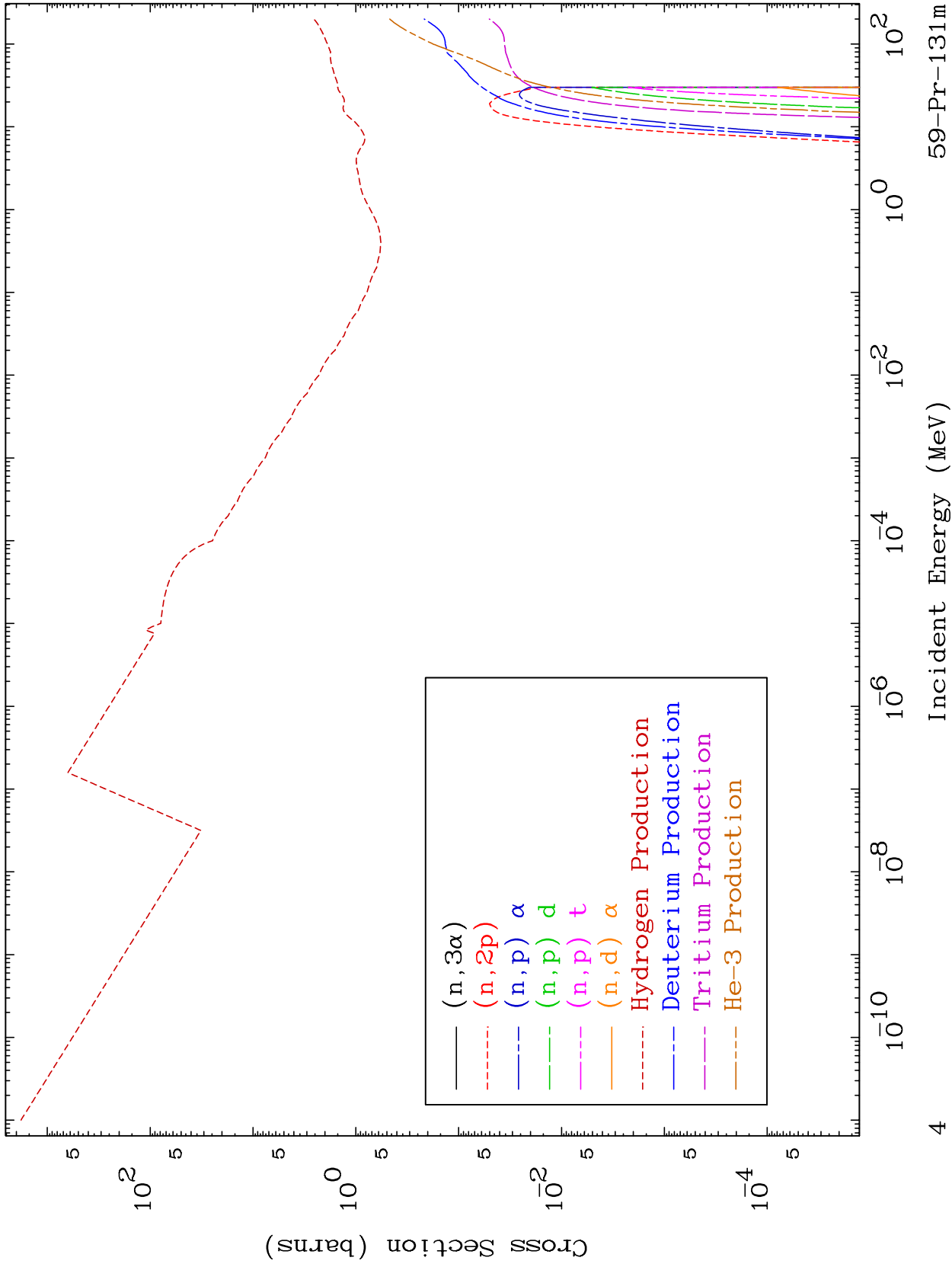
59-Pr-131m



MAT 5896

Neutron Absorption
293 Kelvin Cross Sections

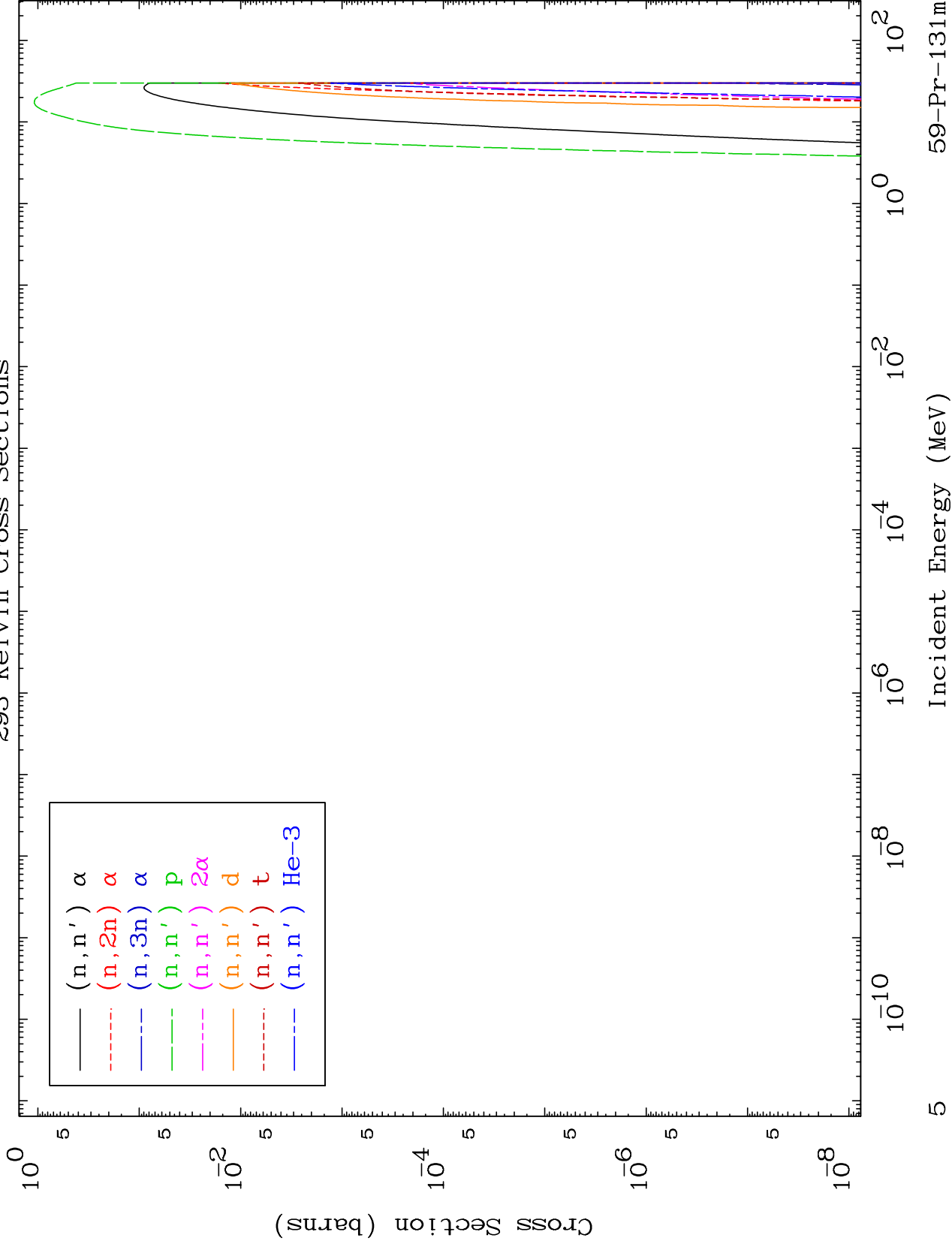
59-Pr-131m



MAT 5896

Charged Particle
293 Kelvin Cross Sections

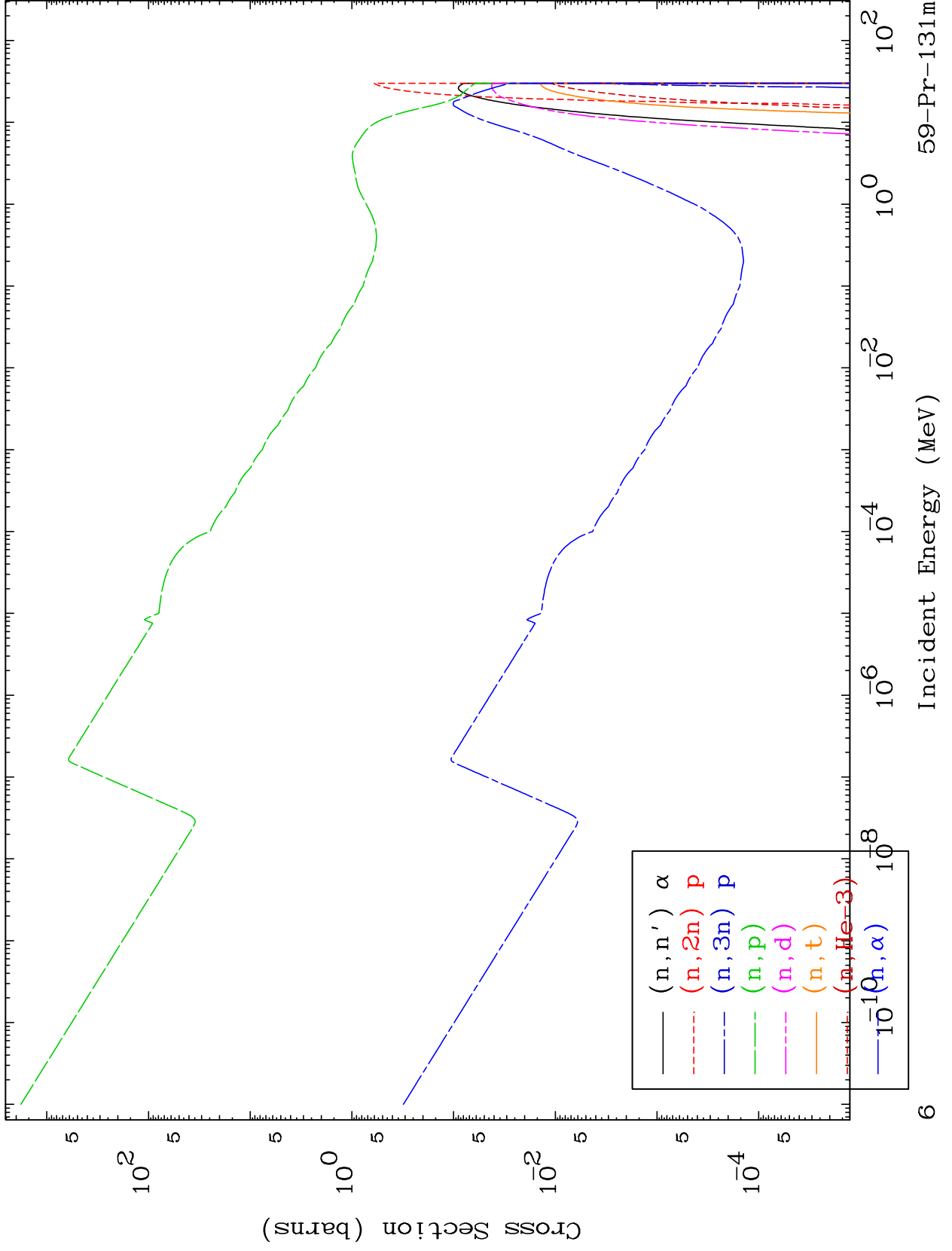
59-Pr-131m



MAT 5896

Charged Particle
293 Kelvin Cross Sections

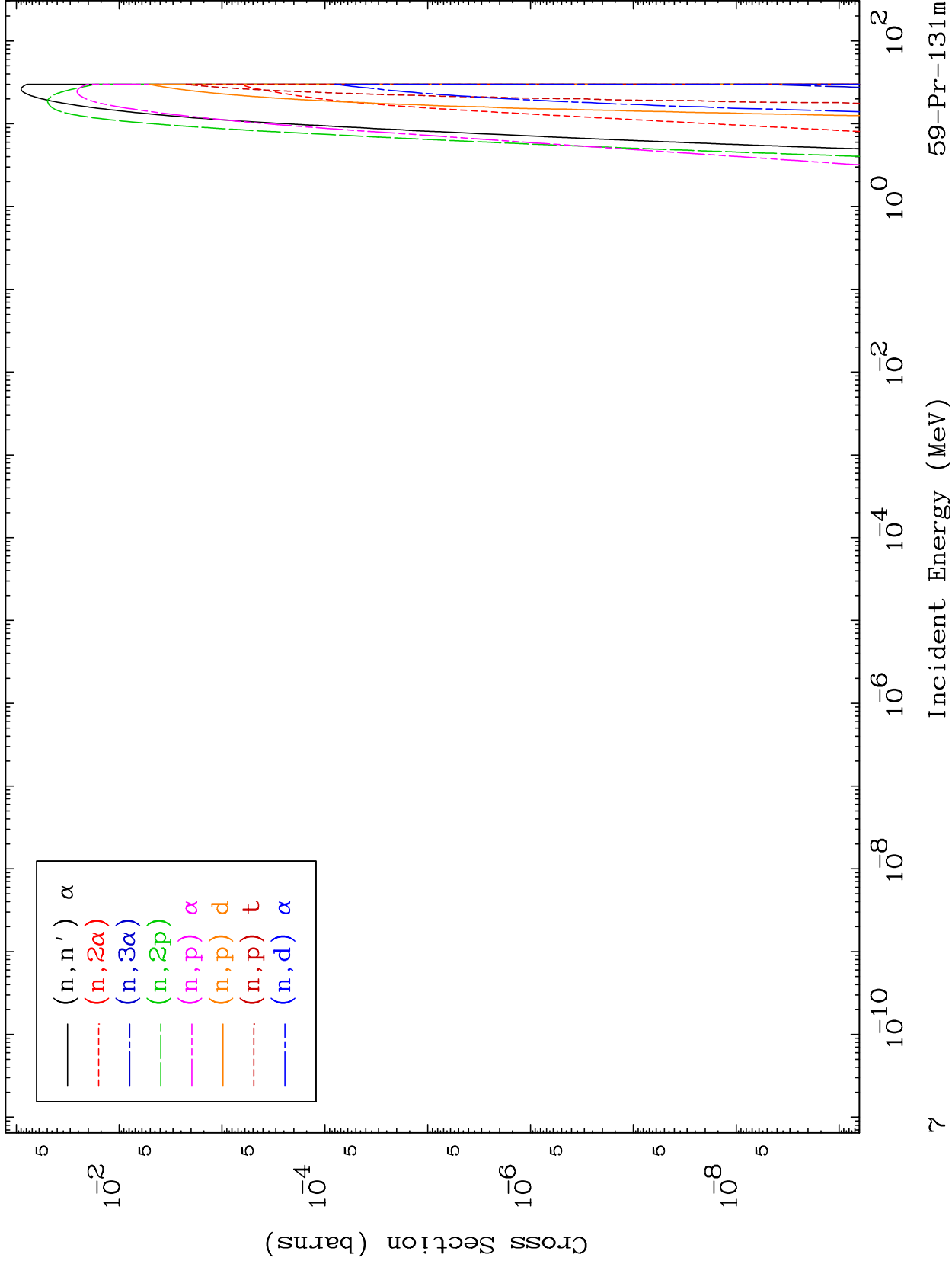
59-Pr-131m



MAT 5896

Charged Particle
293 Kelvin Cross Sections

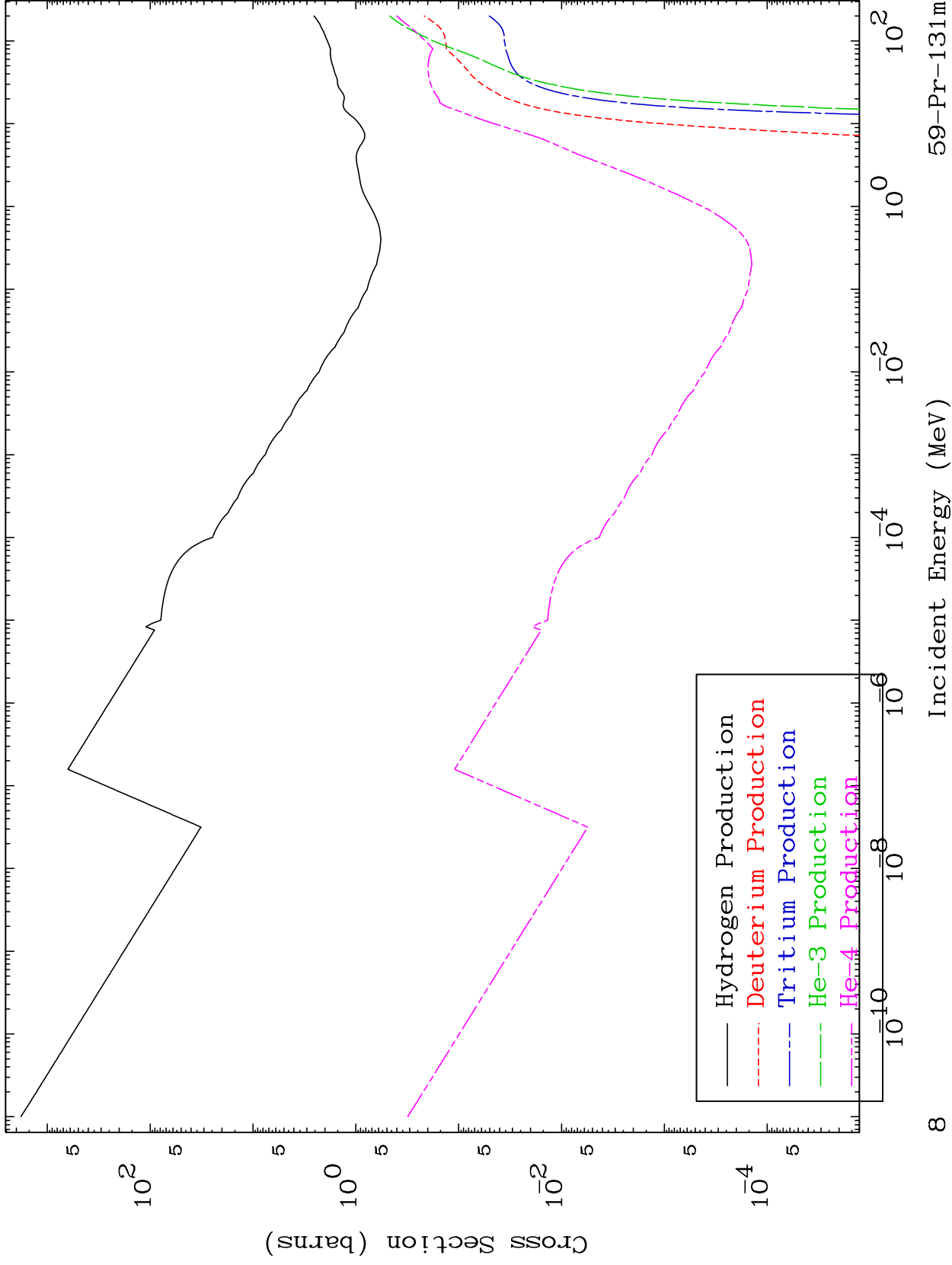
59-Pr-131m



MAT 5896

Particle Production
293 Kelvin Cross Sections

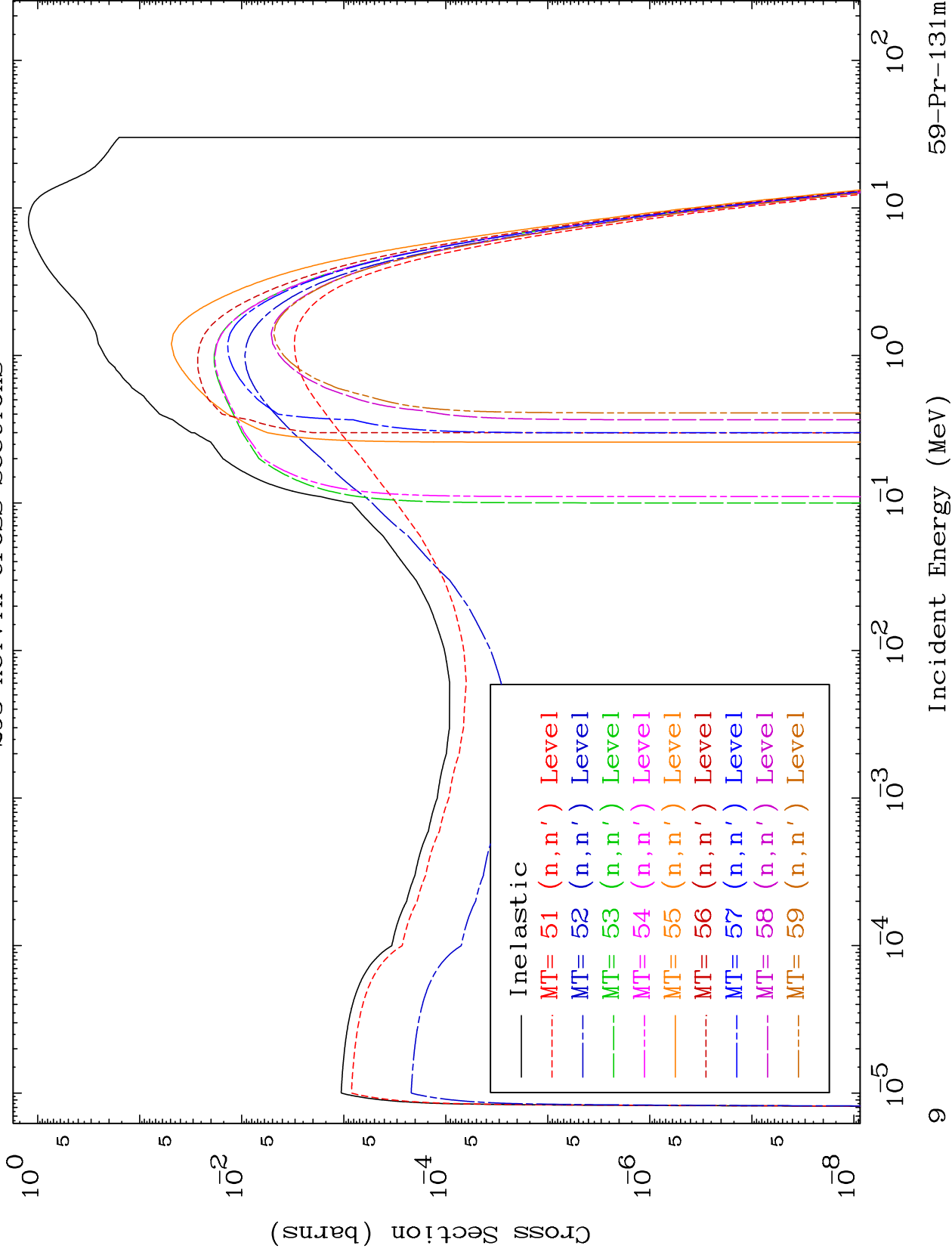
59-Pr-131m



MAT 5896

(n,n') Levels
293 Kelvin Cross Sections

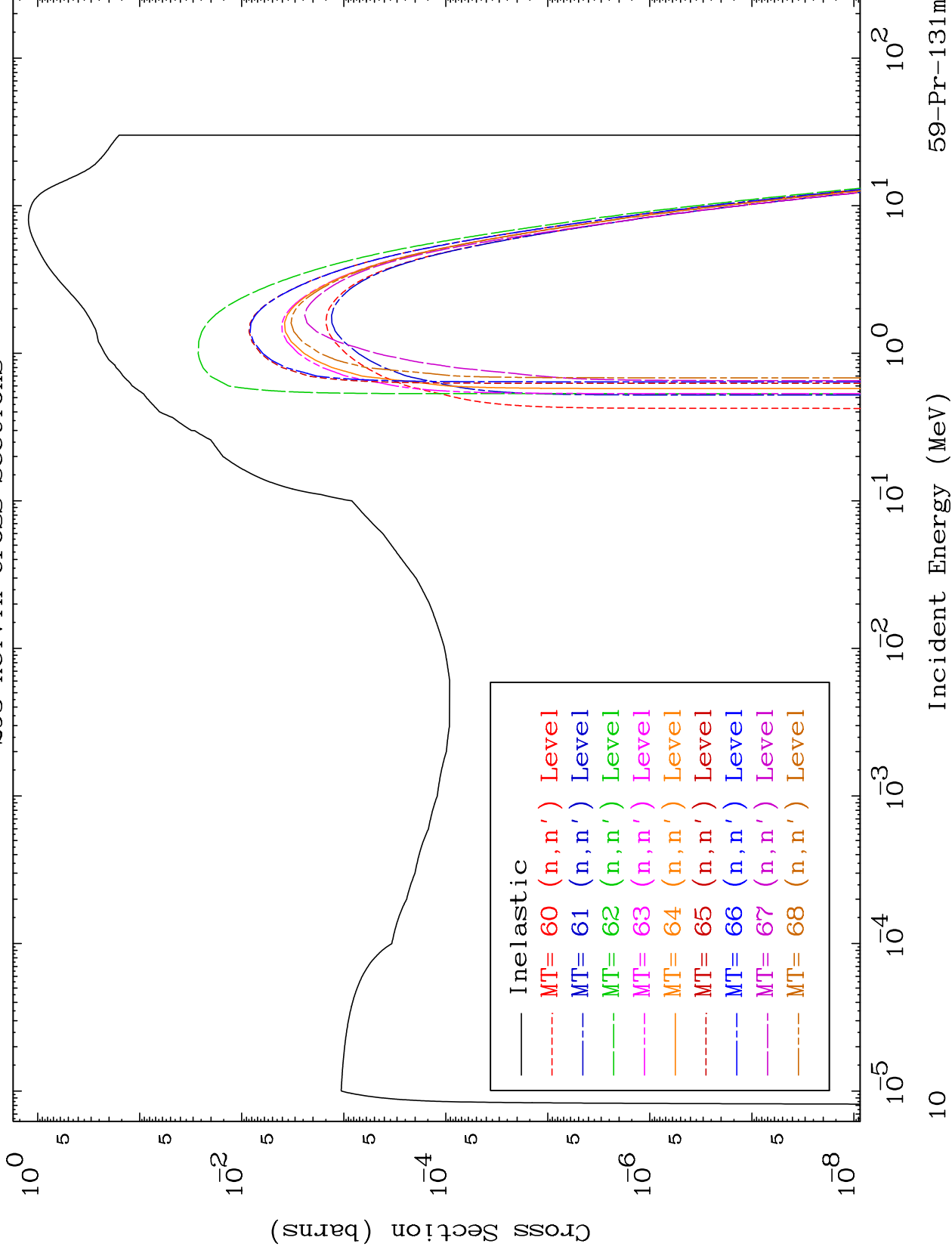
59-Pr-131m



MAT 5896

(n,n') Levels
293 Kelvin Cross Sections

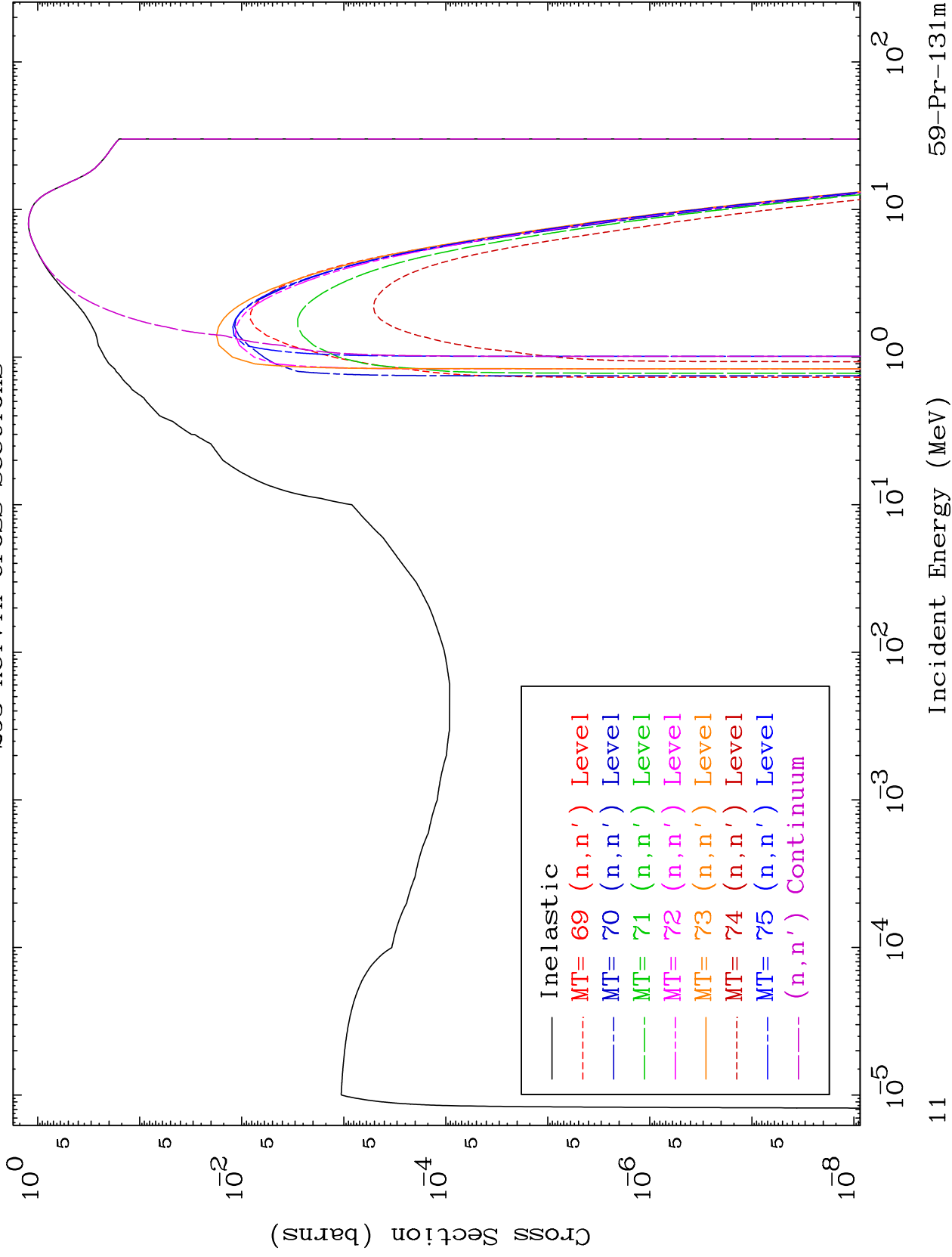
59-Pr-131m



MAT 5896

(n,n') Levels
293 Kelvin Cross Sections

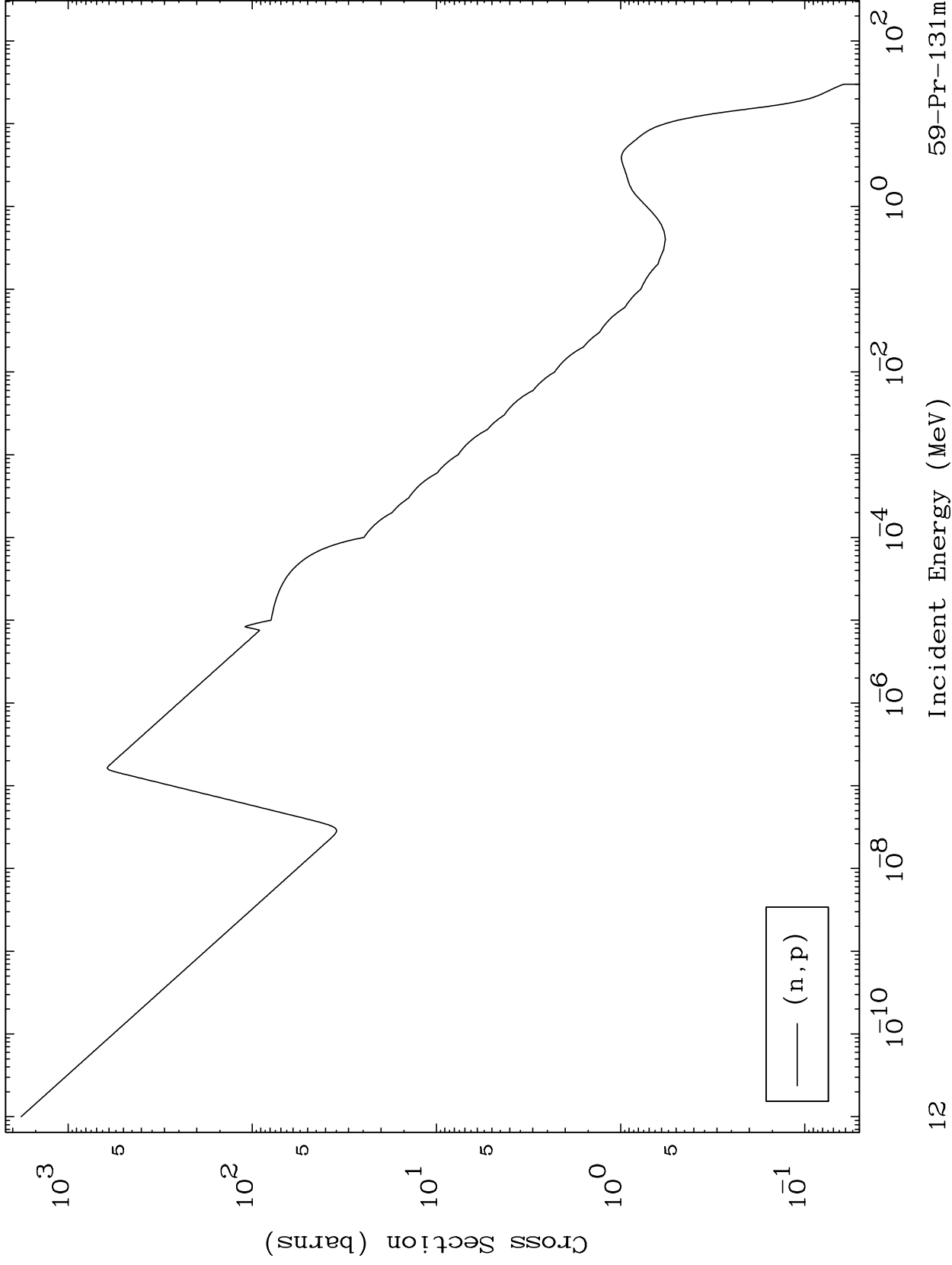
59-Pr-131m



MAT 5896

(n,p) Levels
293 Kelvin Cross Sections

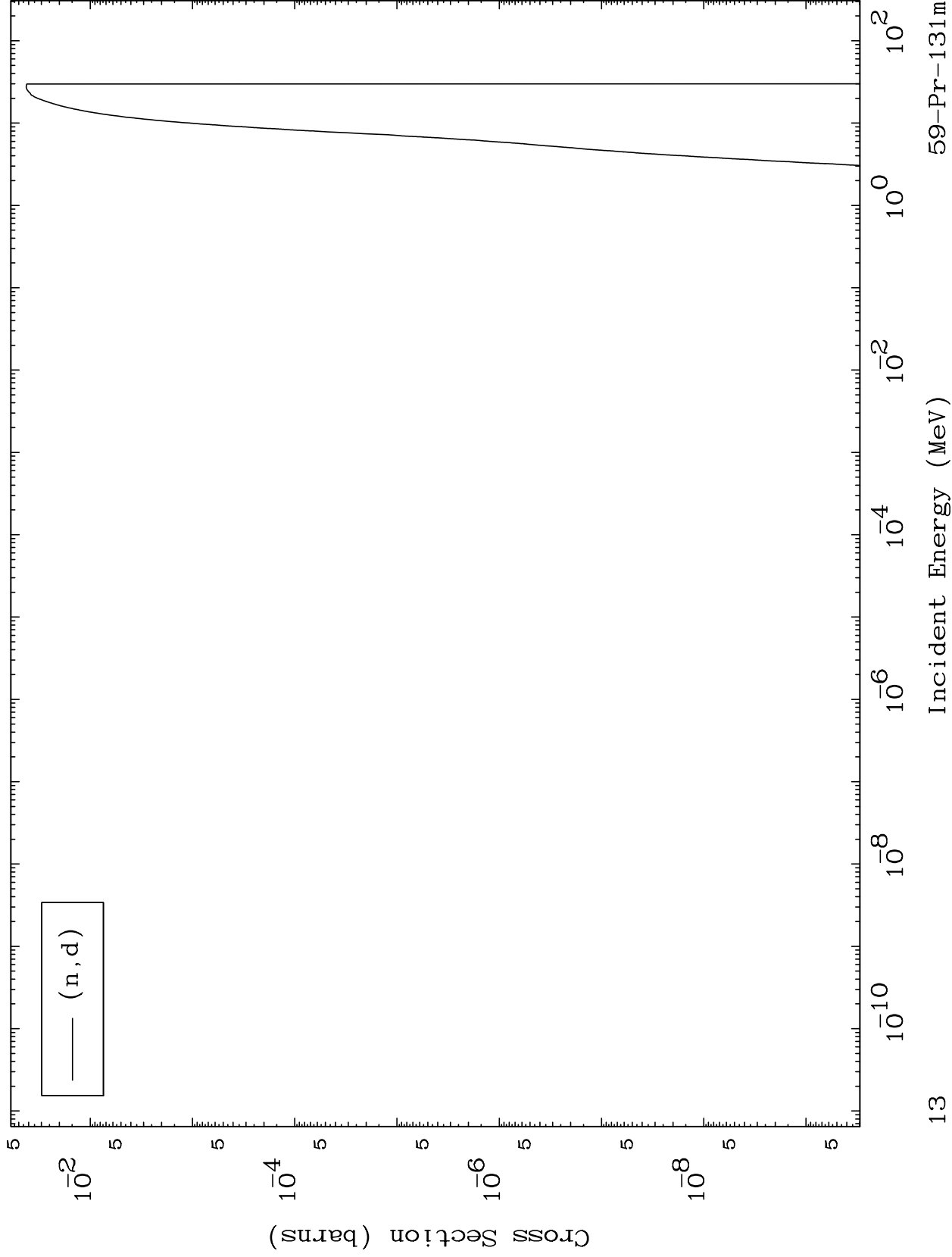
59-Pr-131m



MAT 5896

(n,d) Levels
293 Kelvin Cross Sections

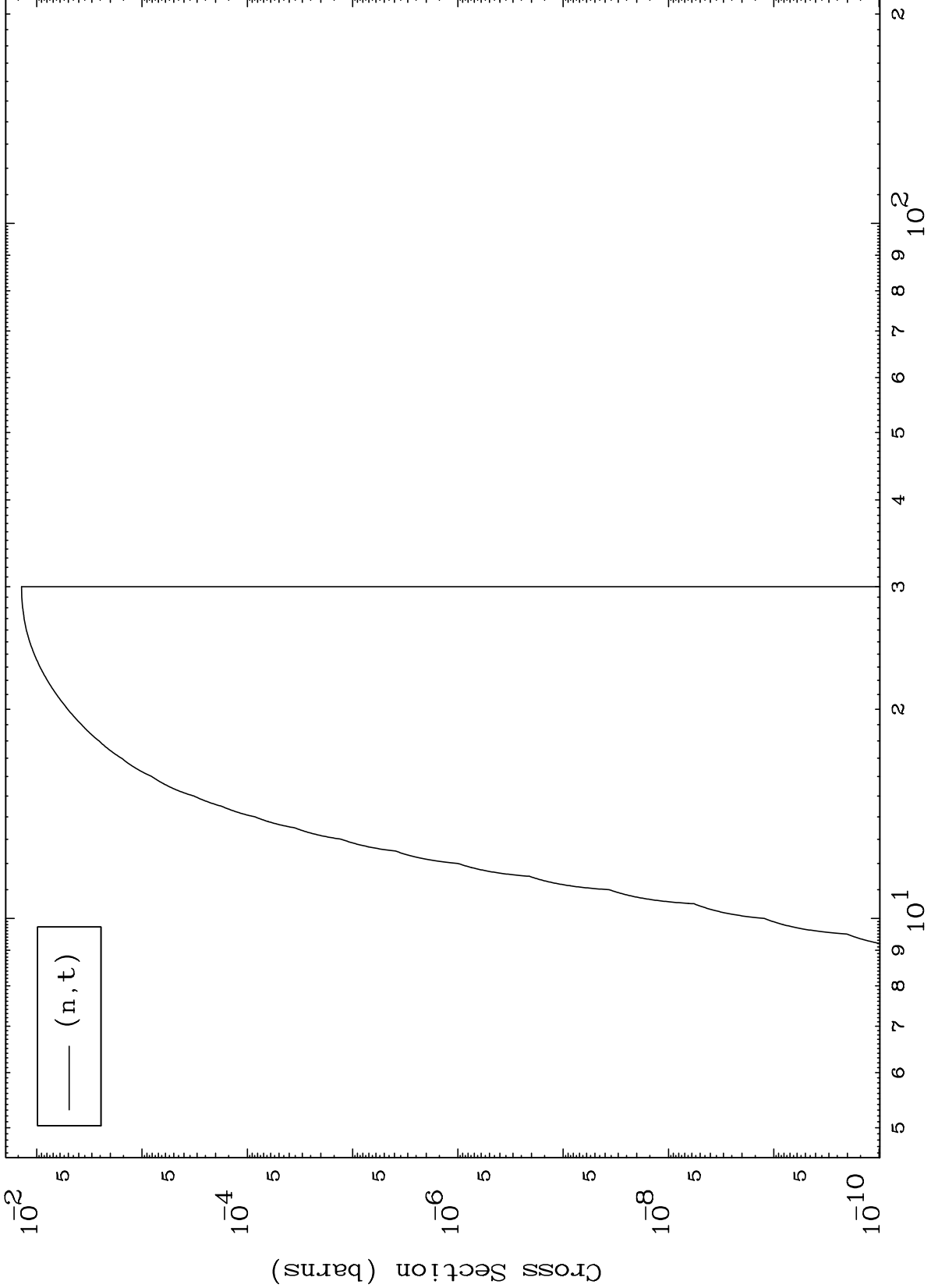
59-Pr-131m



MAT 5896

(n,t) Levels
293 Kelvin Cross Sections

59-Pr-131m



14

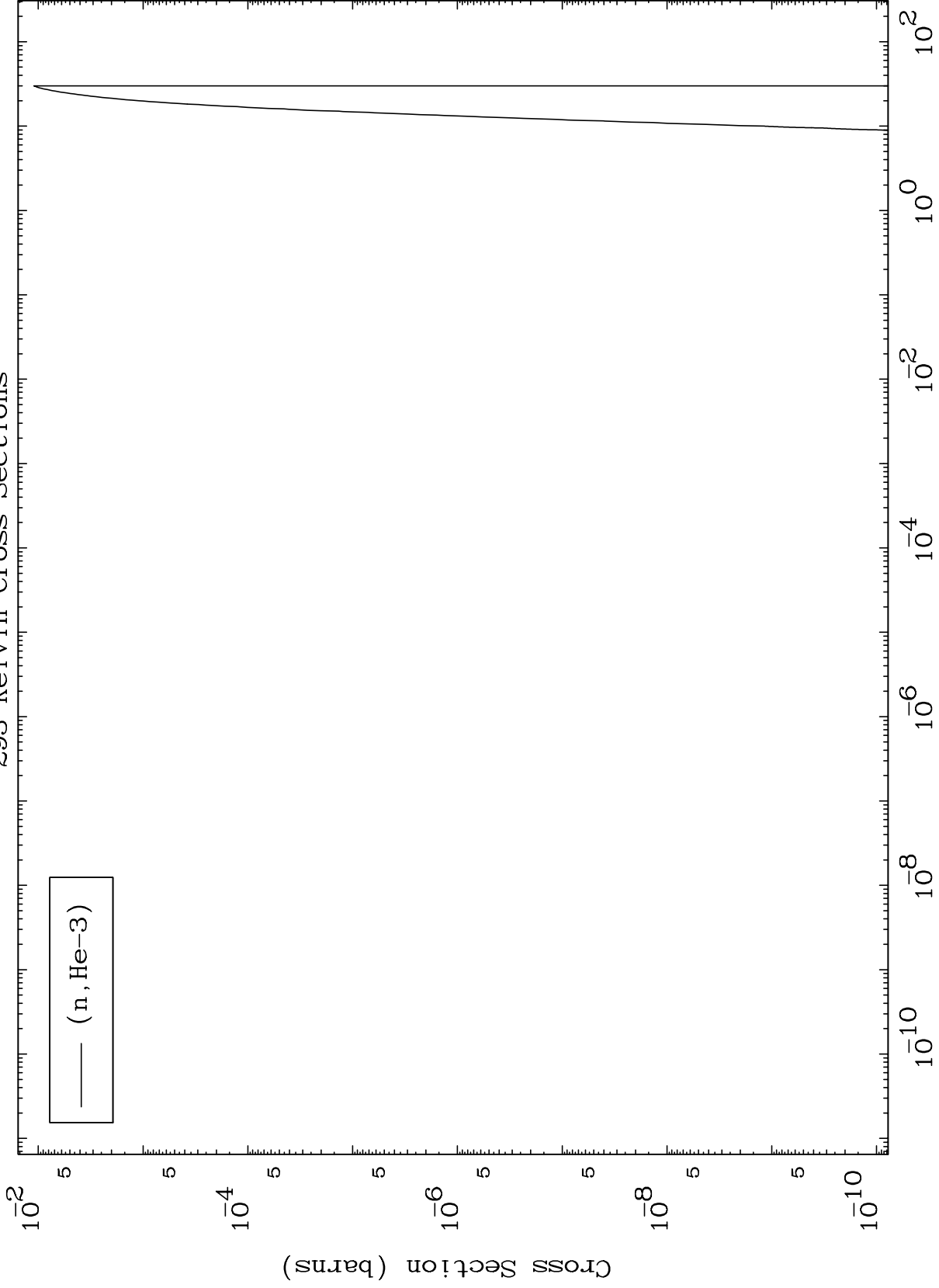
Incident Energy (MeV)

59-Pr-131m

MAT 5896

(n,He3) Levels
293 Kelvin Cross Sections

59-Pr-131m



15

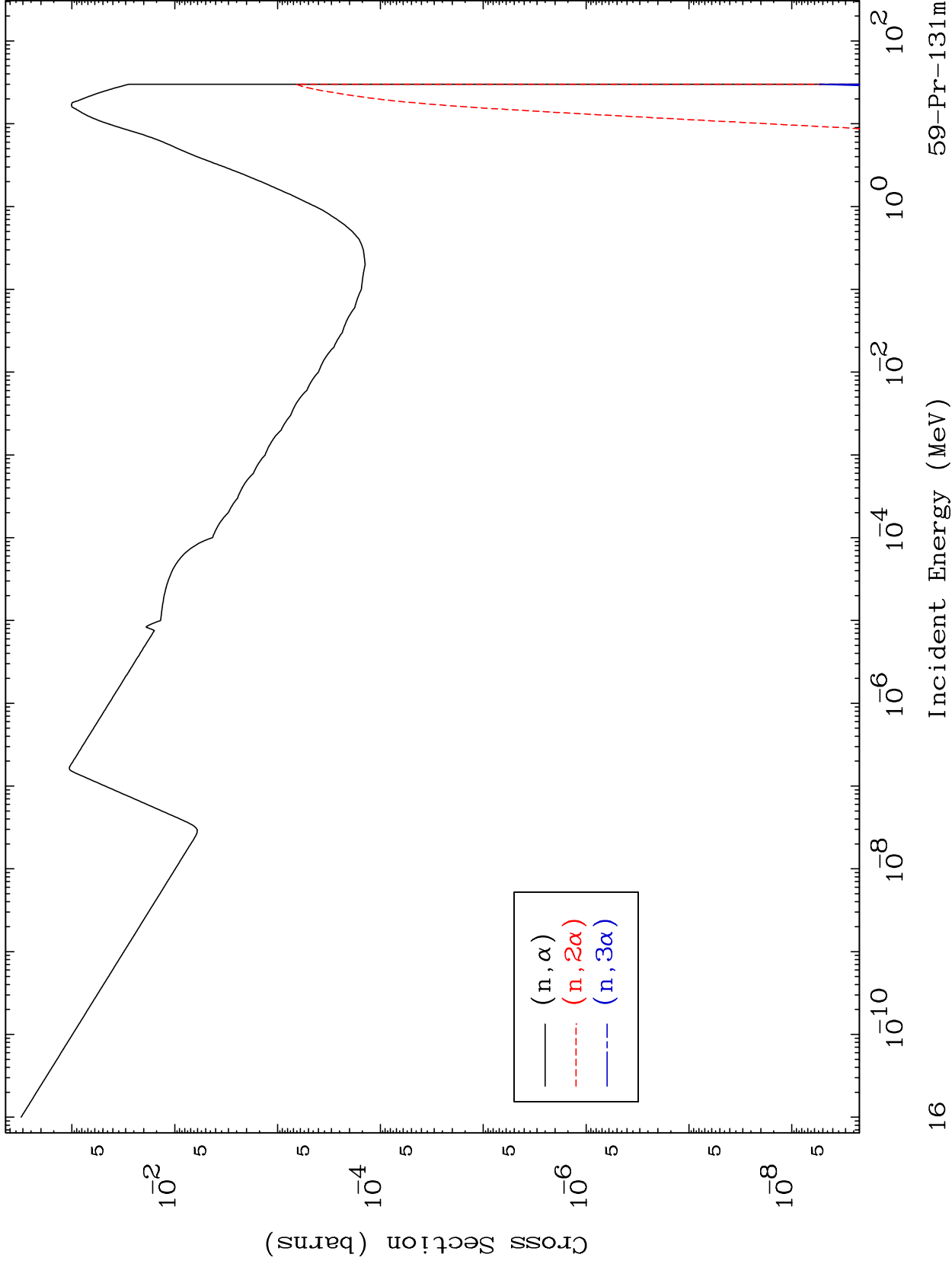
Incident Energy (MeV)

59-Pr-131m

MAT 5896

(n, α) Levels
293 Kelvin Cross Sections

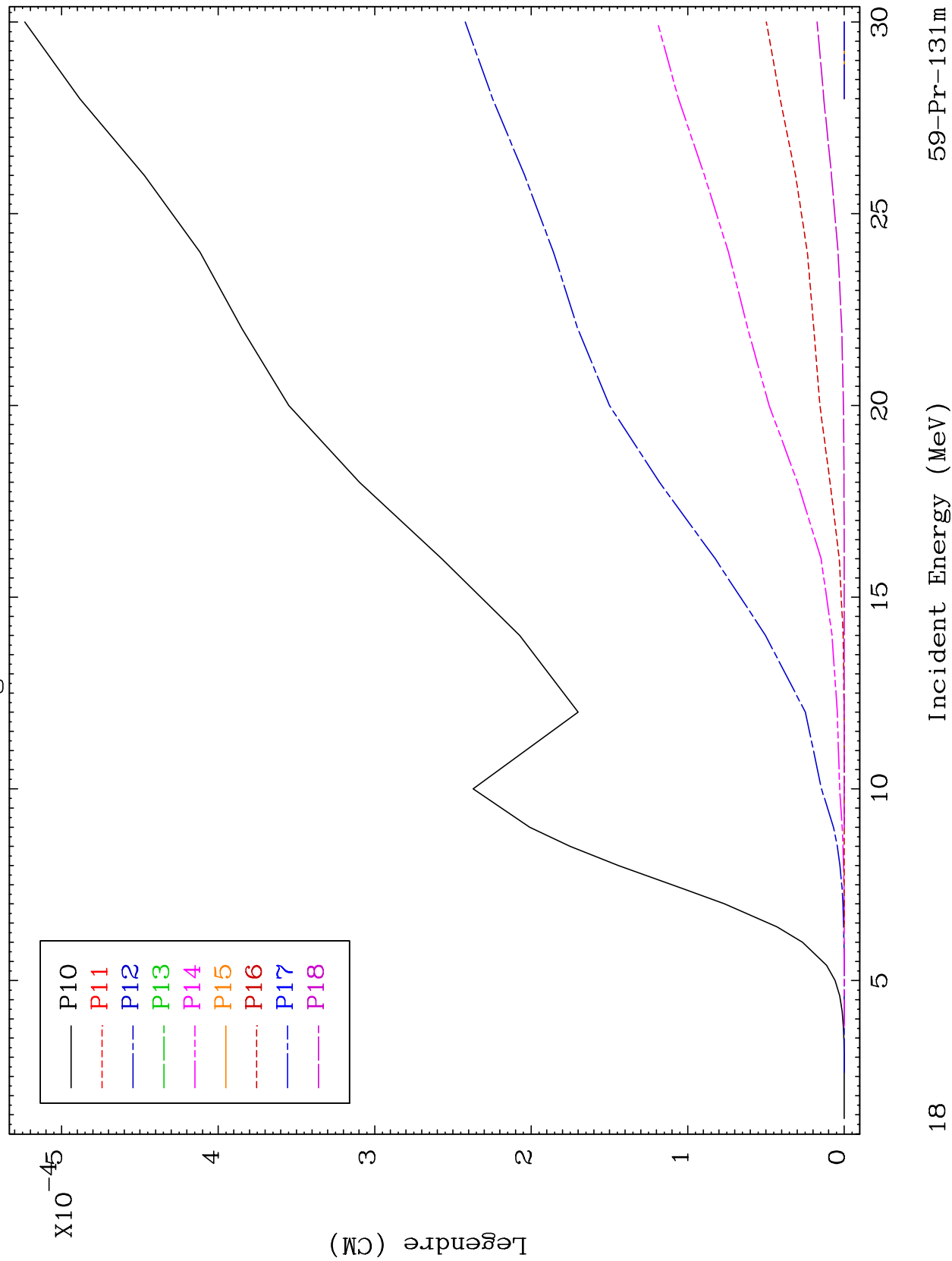
59-Pr-131m



MAT 5896

Elastic Legendre Coefficients

59-Pr-131m



18

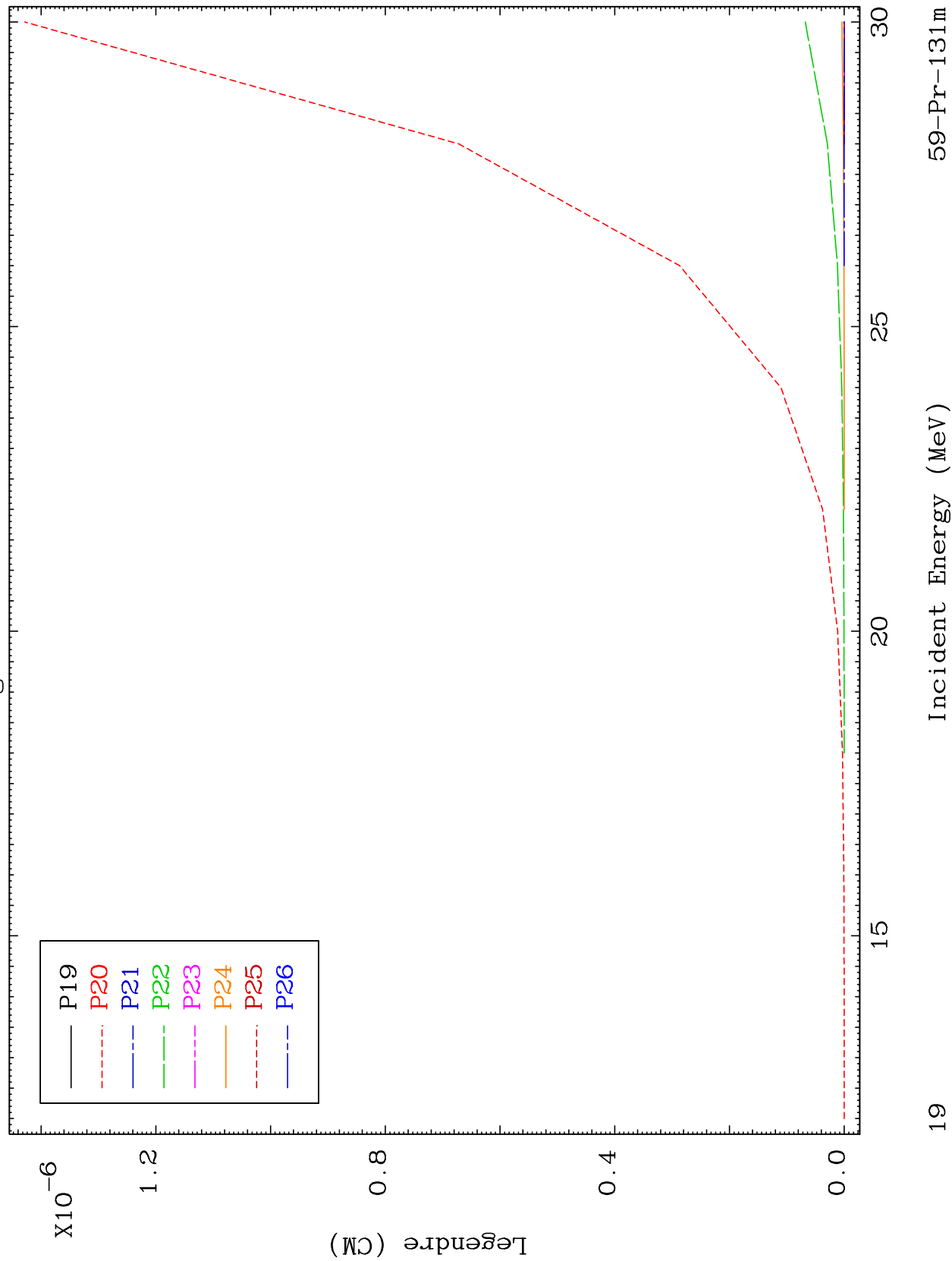
59-Pr-131m

Incident Energy (MeV)

MAT 5896

Elastic
Legendre Coefficients

59-Pr-131m



19

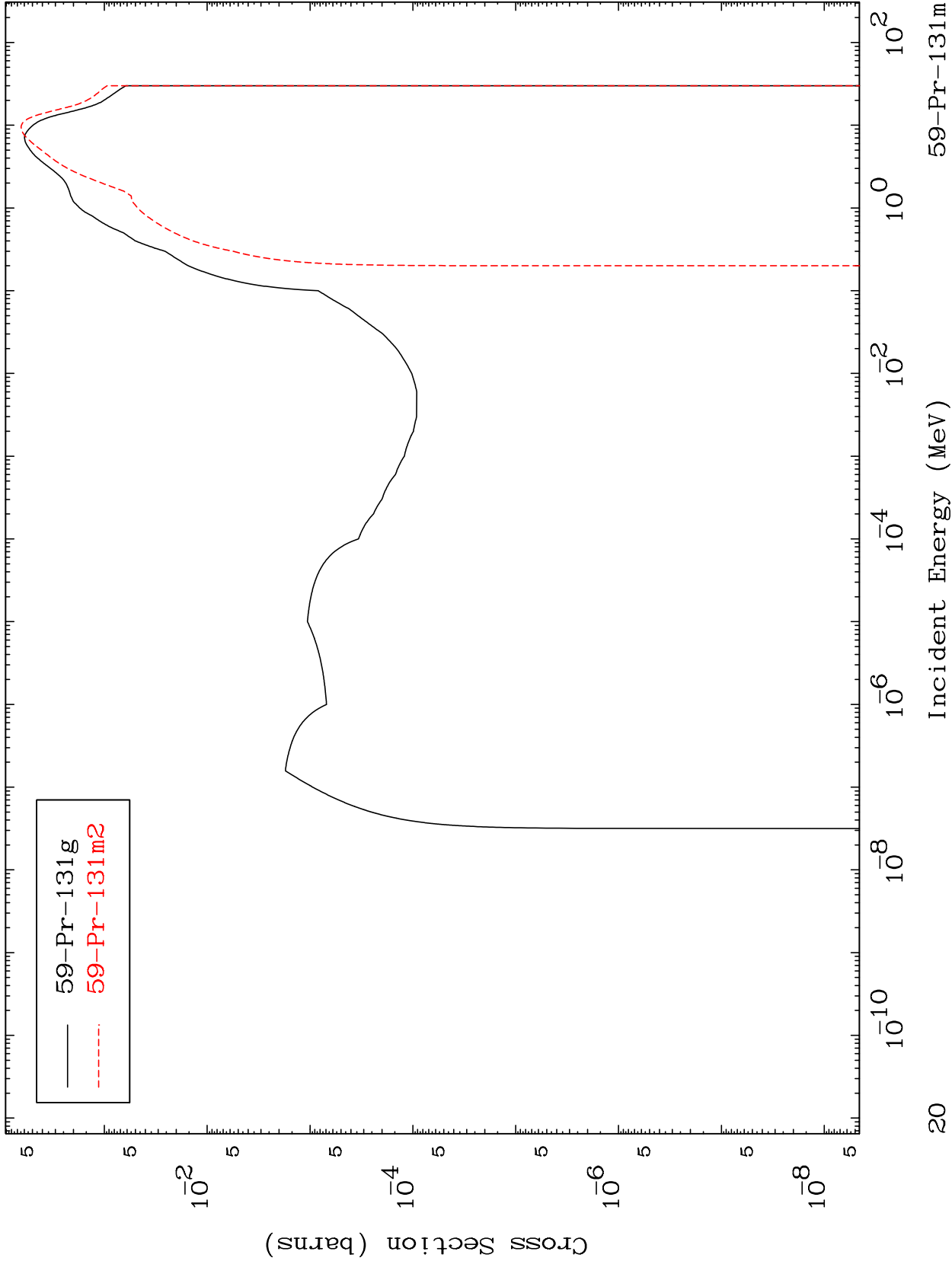
Incident Energy (MeV)

59-Pr-131m

MAT 5896

Inelastic
Radionuclide Production Cross Section

59-Pr-131m

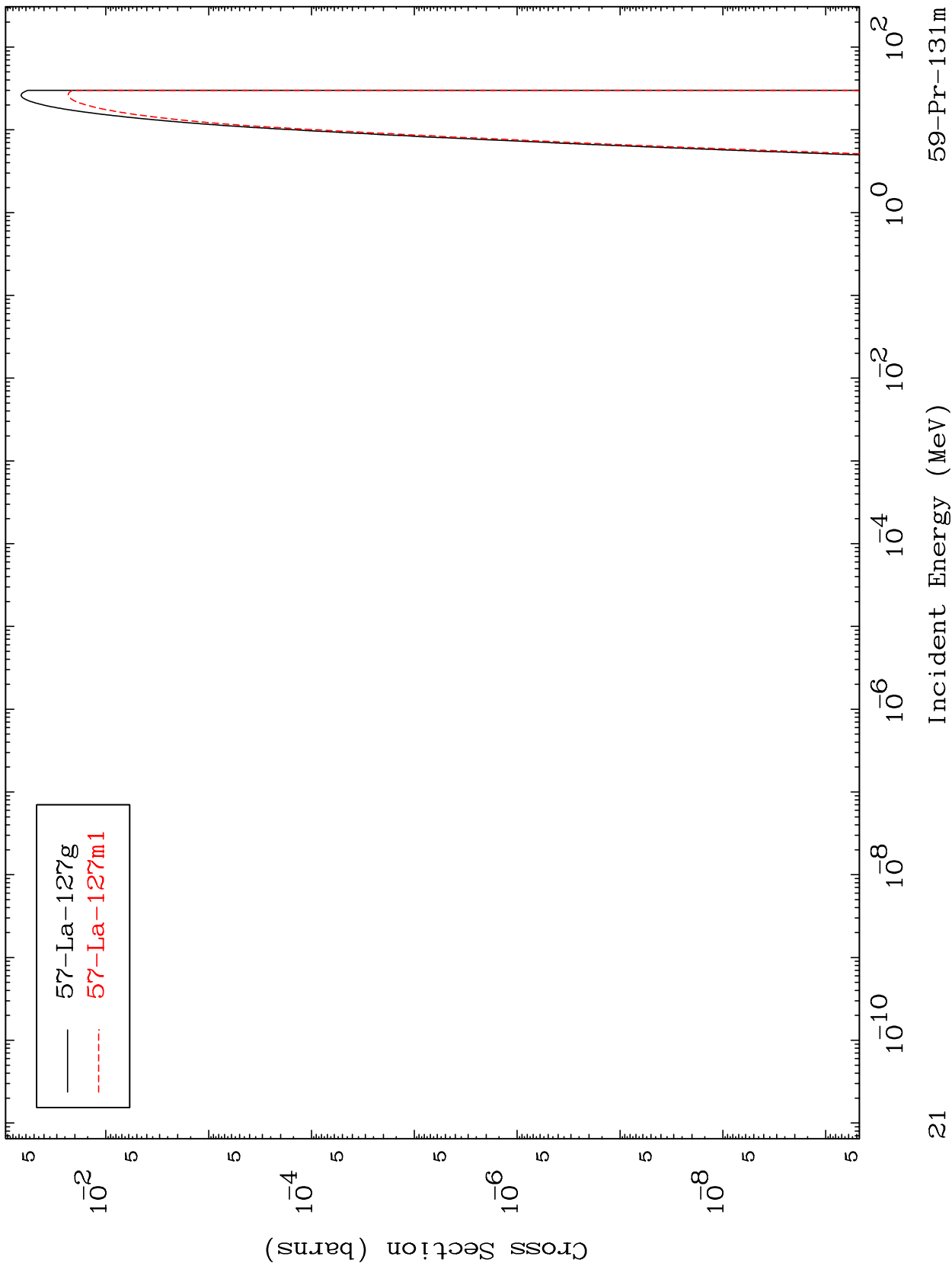


MAT 5896

(n,n') α

59-Pr-131m

Radionuclide Production Cross Section

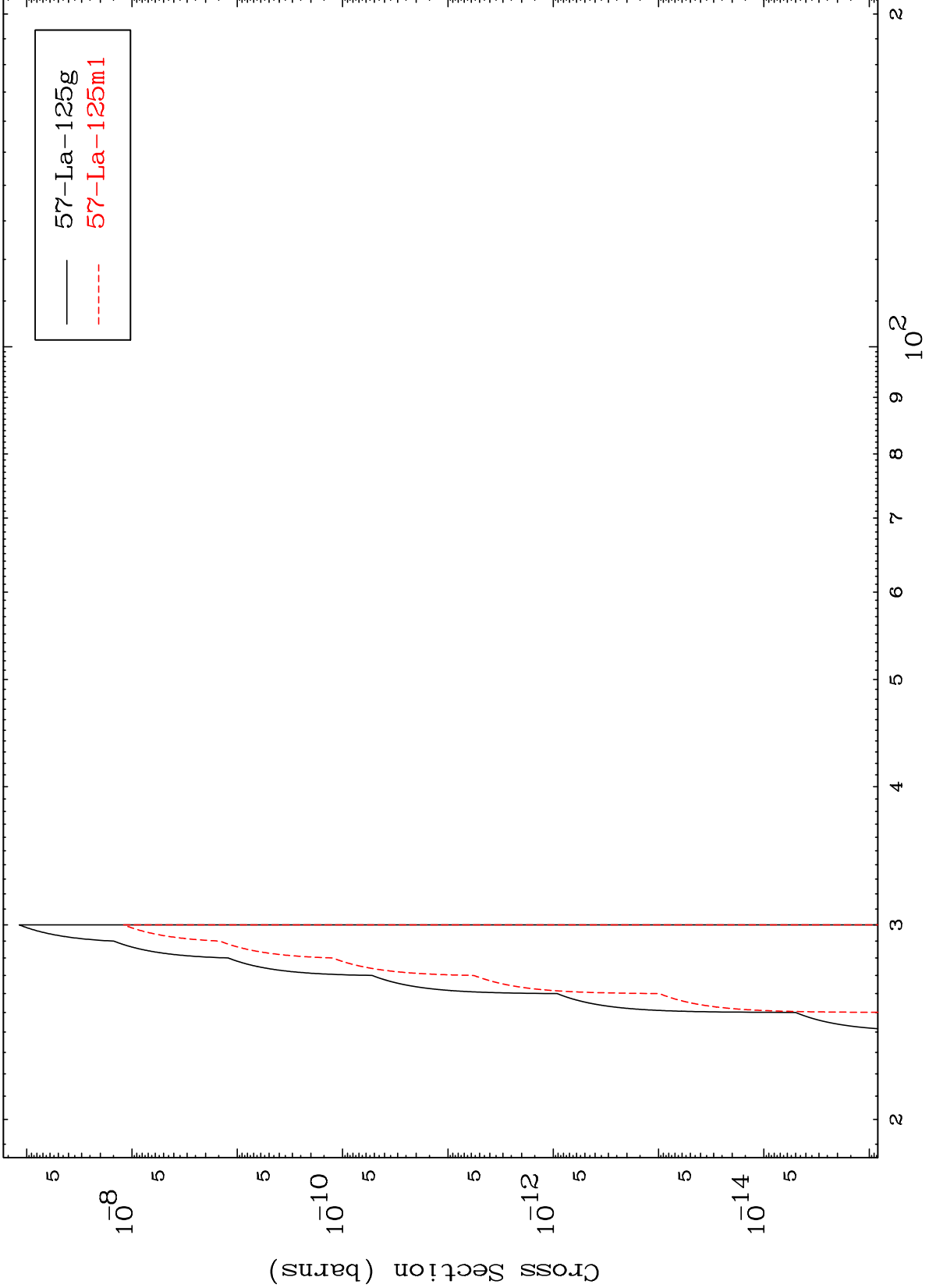


MAT 5896

(n,3n) α

59-Pr-131m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

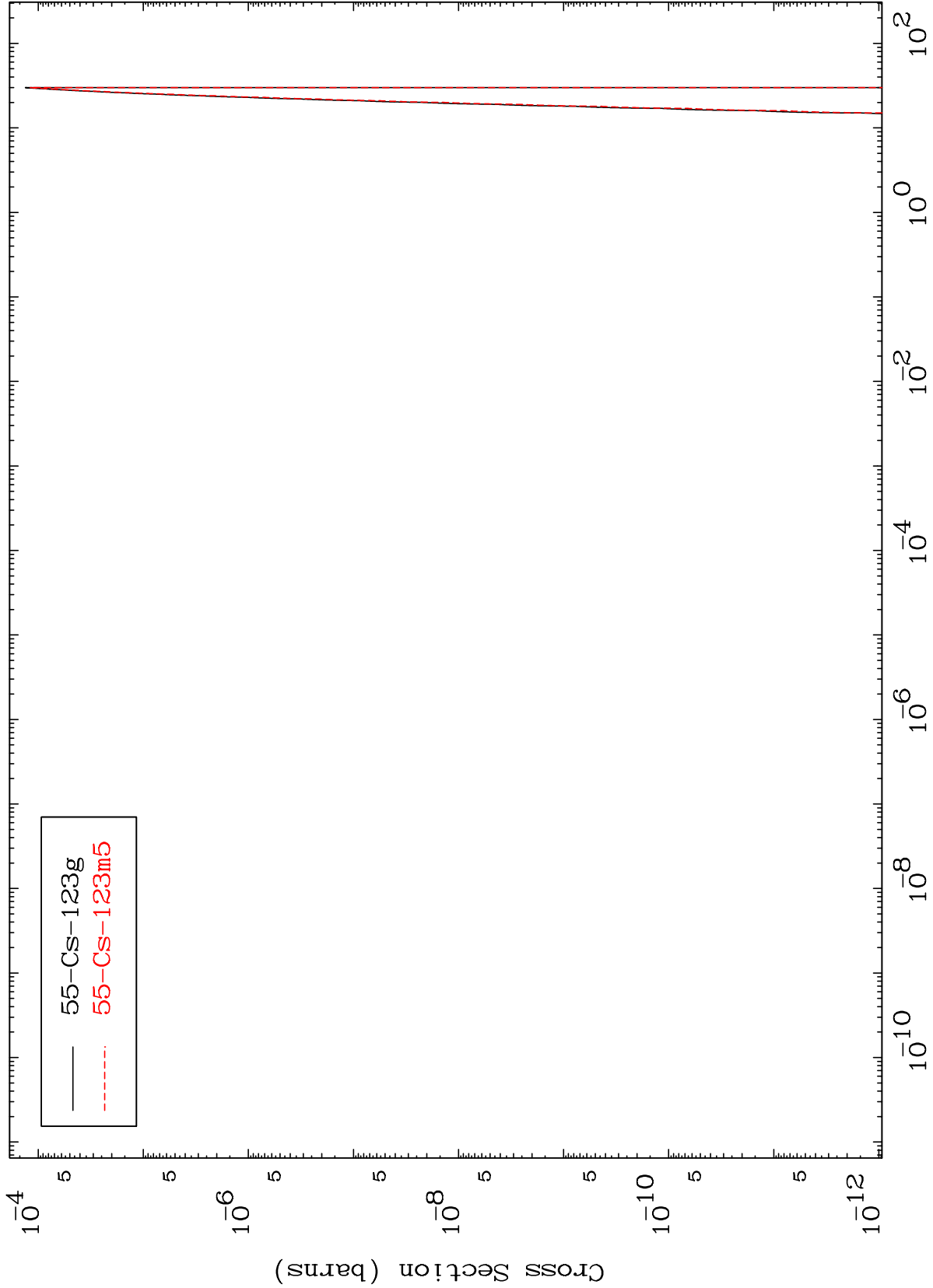
59-Pr-131m

MAT 5896

(n,n') 2α

59-Pr-131m

Radionuclide Production Cross Section

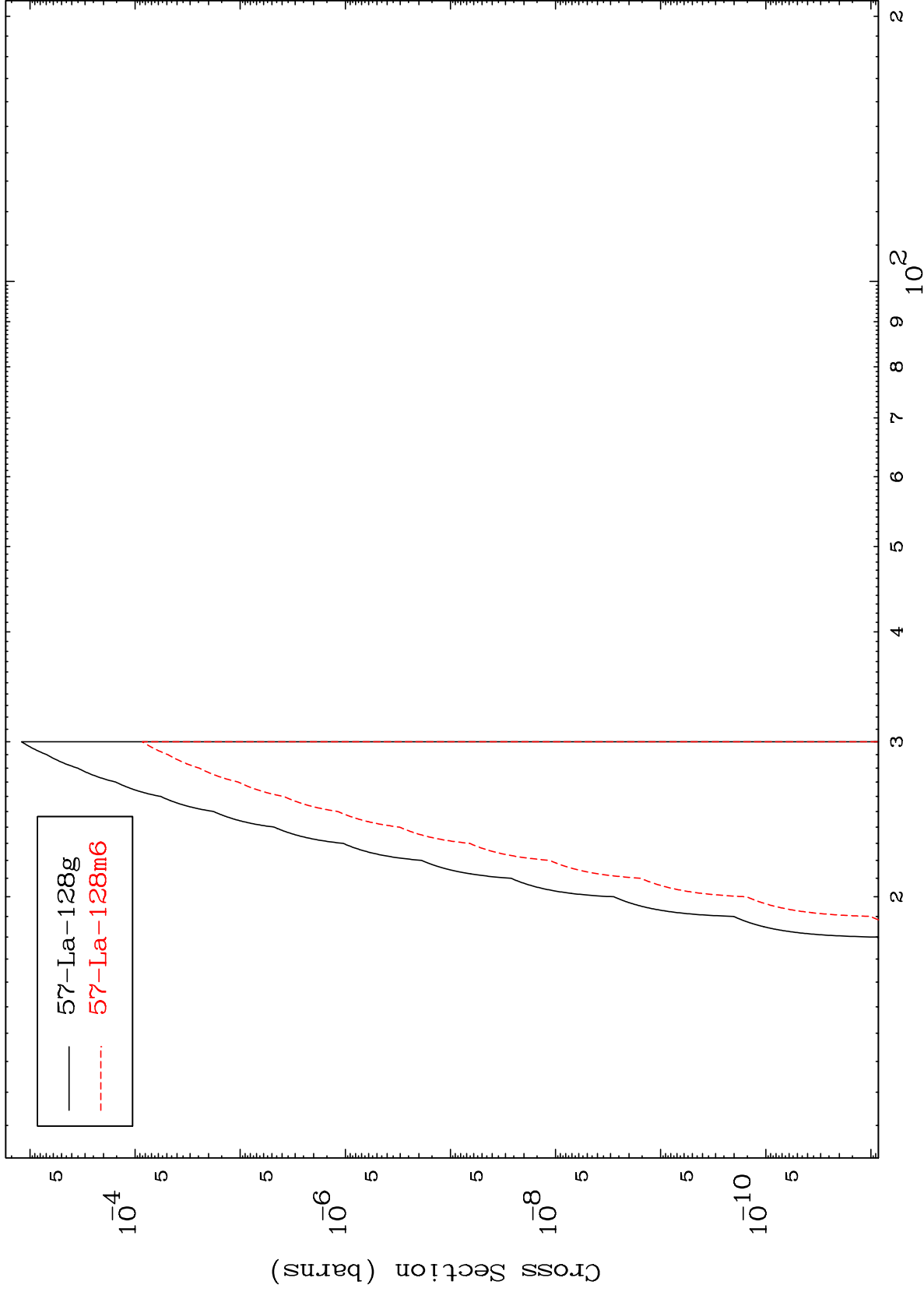


MAT 5896

(n,n') He-3

59-Pr-131m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

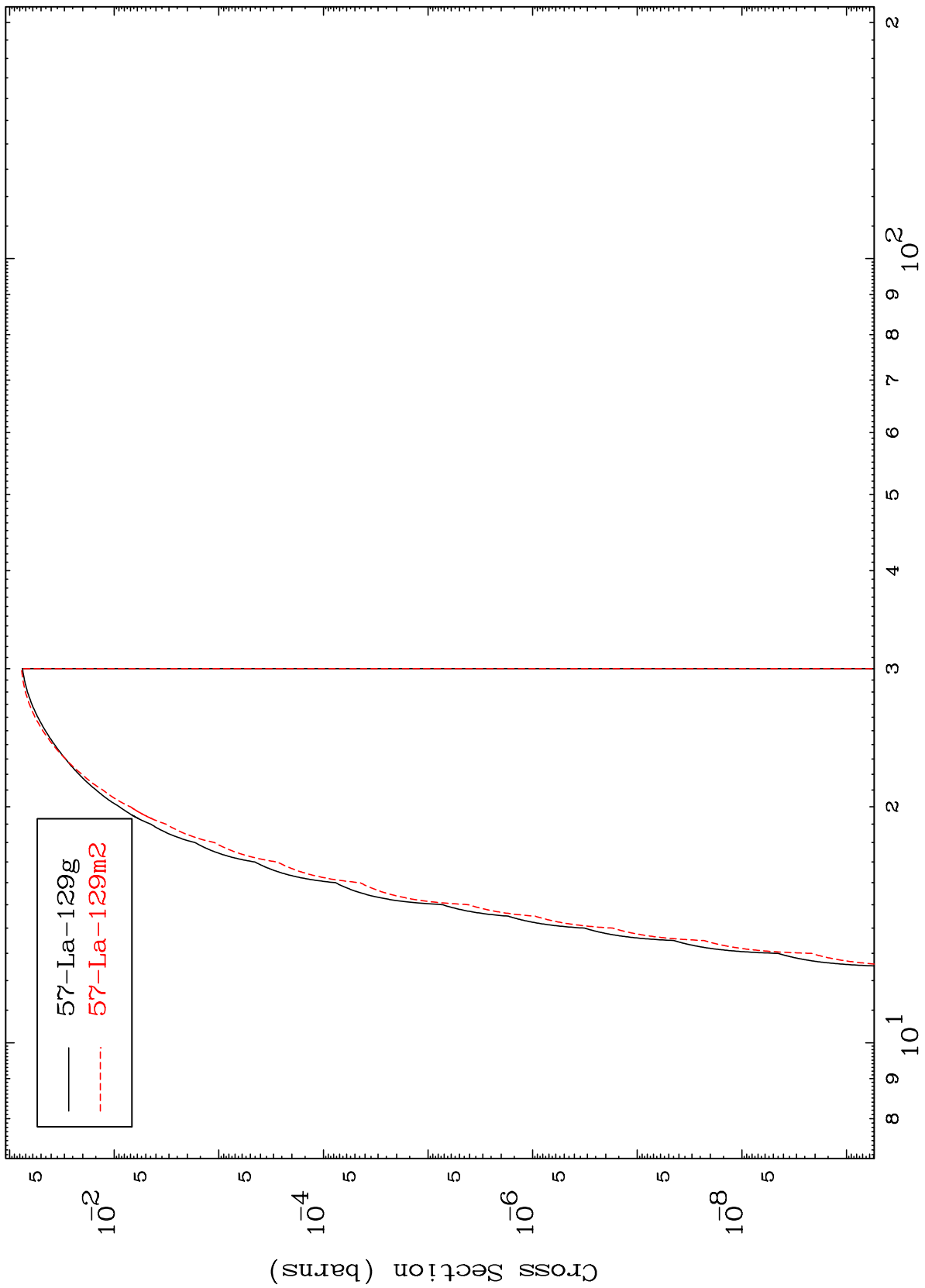
59-Pr-131m

MAT 5896

(n,2n) p

59-Pr-131m

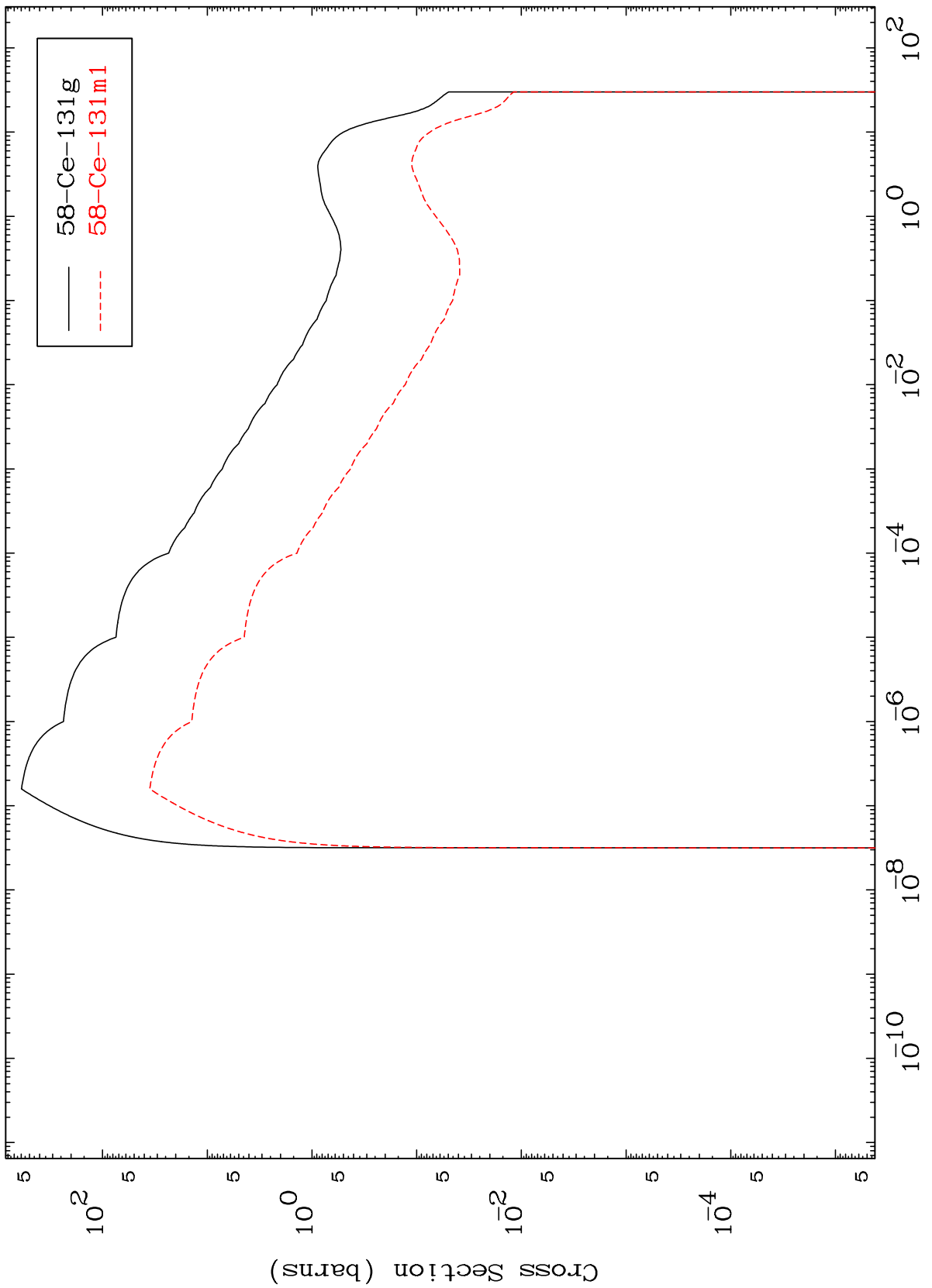
Radionuclide Production Cross Section



MAT 5896

59-Pr-131m

(n,p)
Radionuclide Production Cross Section



26

59-Pr-131m

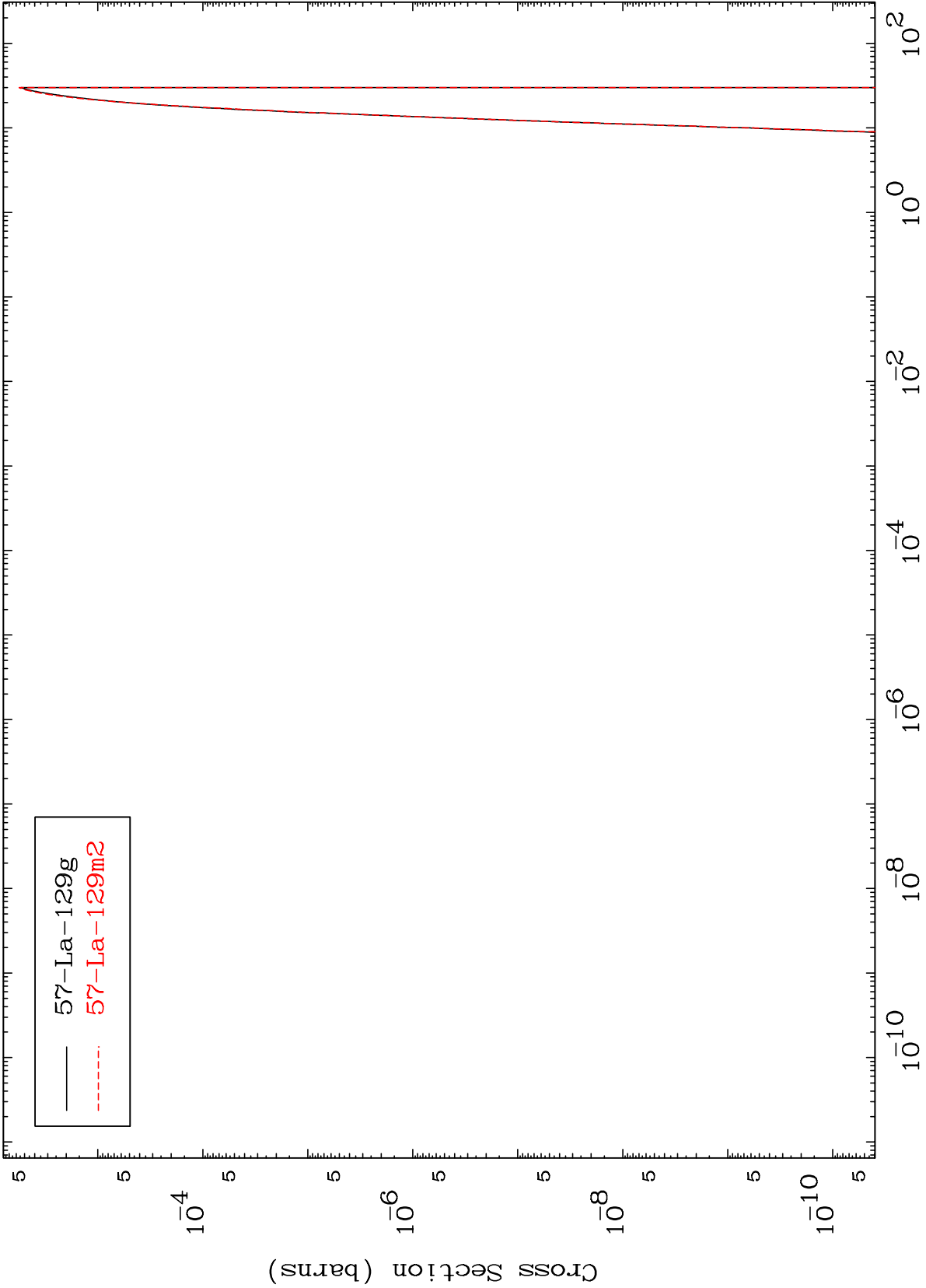
Incident Energy (MeV)

MAT 5896

(n,He-3)

59-Pr-131m

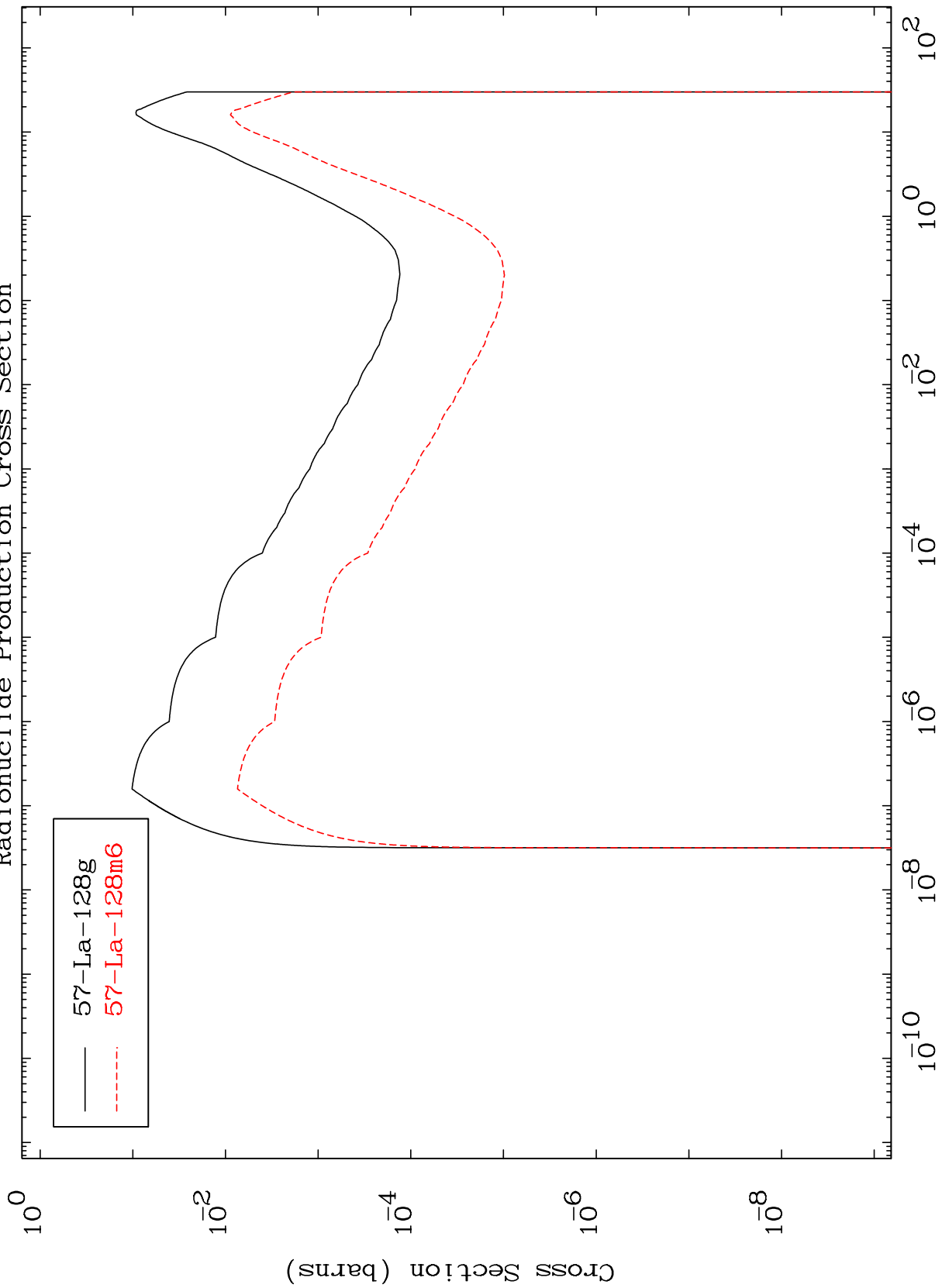
Radionuclide Production Cross Section



MAT 5896

59-Pr-131m

Radionuclide Production Cross Section



28

59-Pr-131m

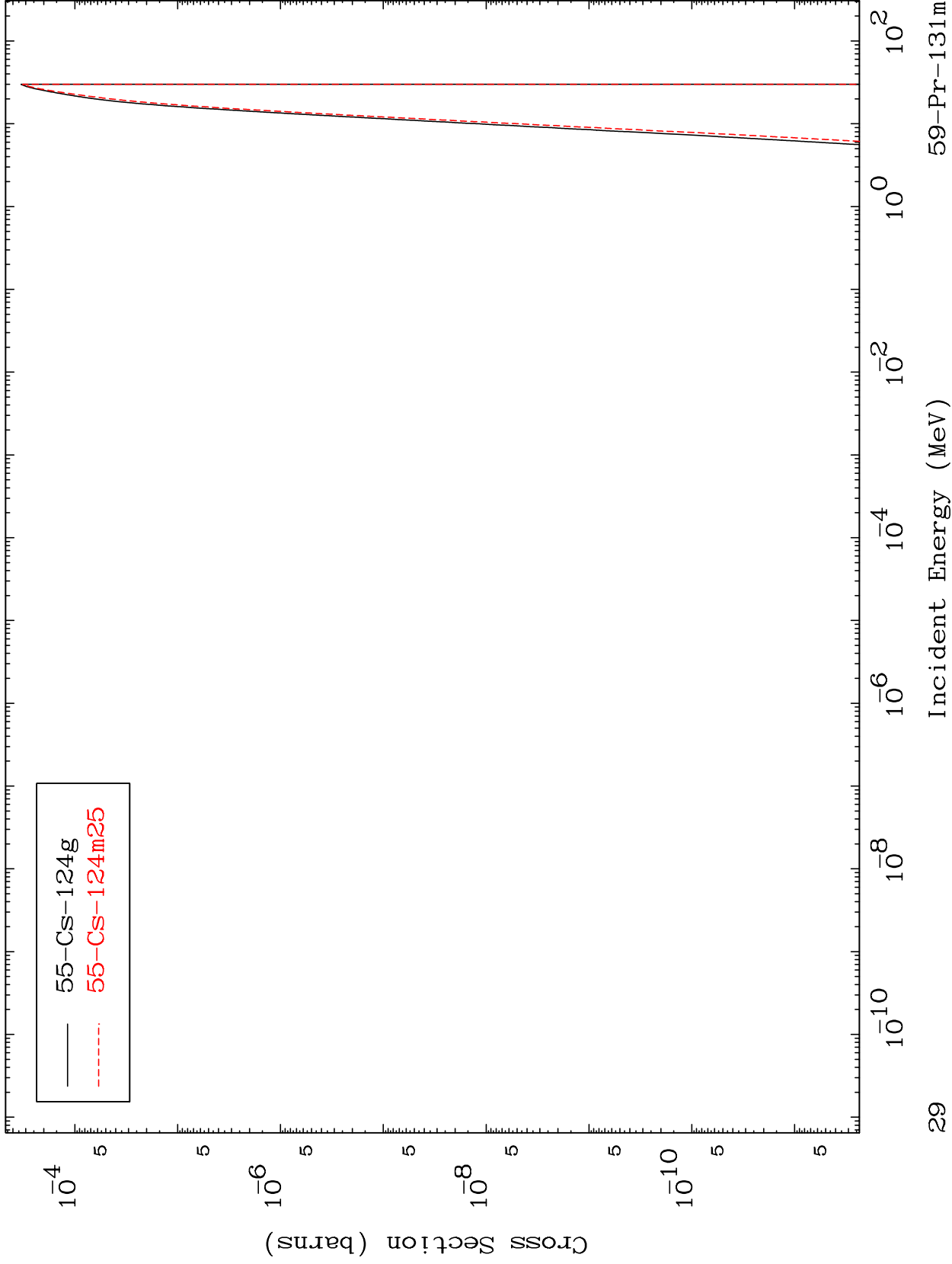
Incident Energy (MeV)

MAT 5896

(n,2 α)

59-Pr-131m

Radionuclide Production Cross Section

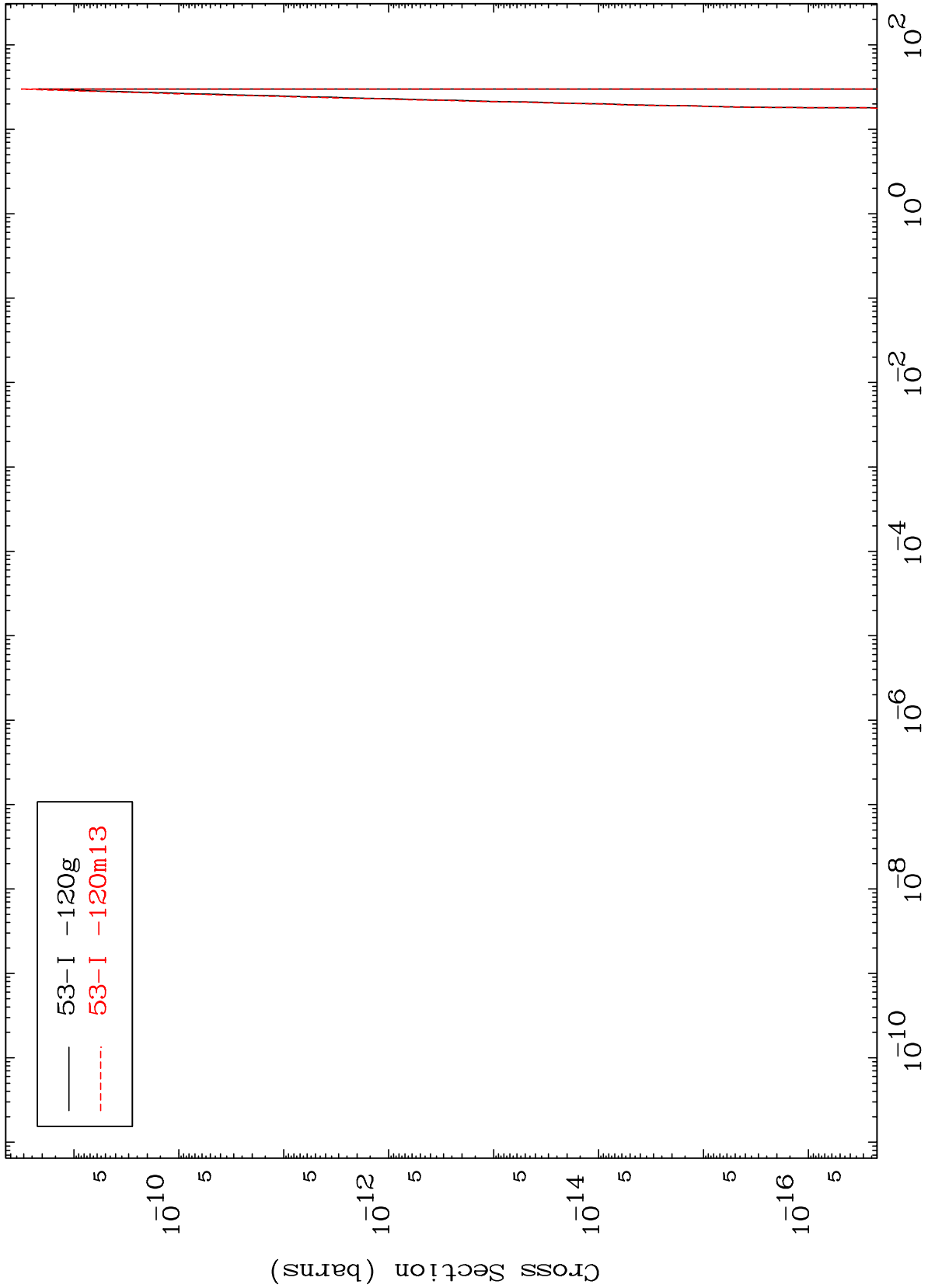
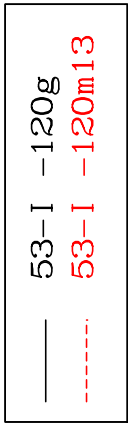


MAT 5896

(n,3 α)

59-Pr-131m

Radionuclide Production Cross Section

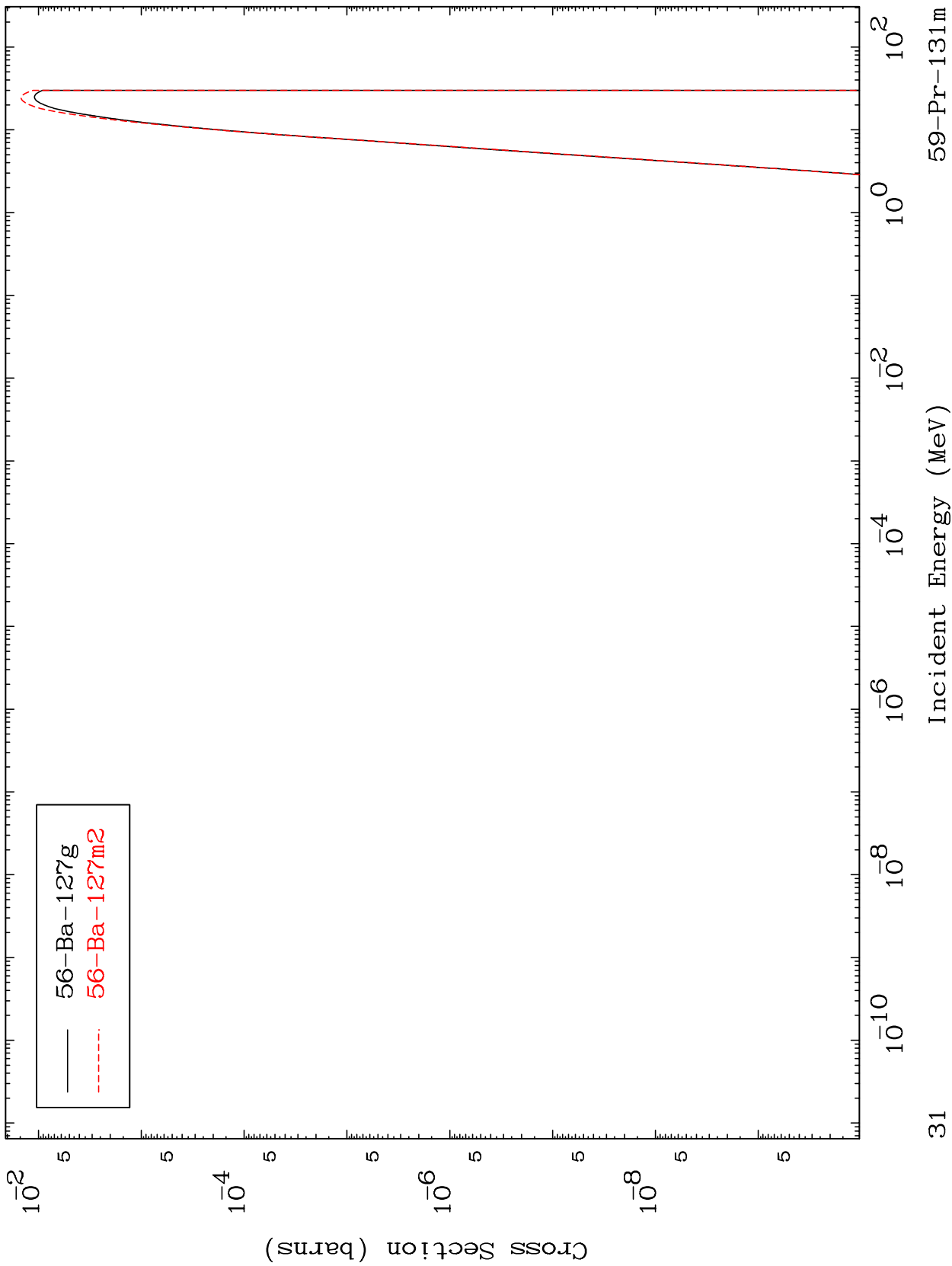


MAT 5896

(n,p) α

59-Pr-131m

Radionuclide Production Cross Section

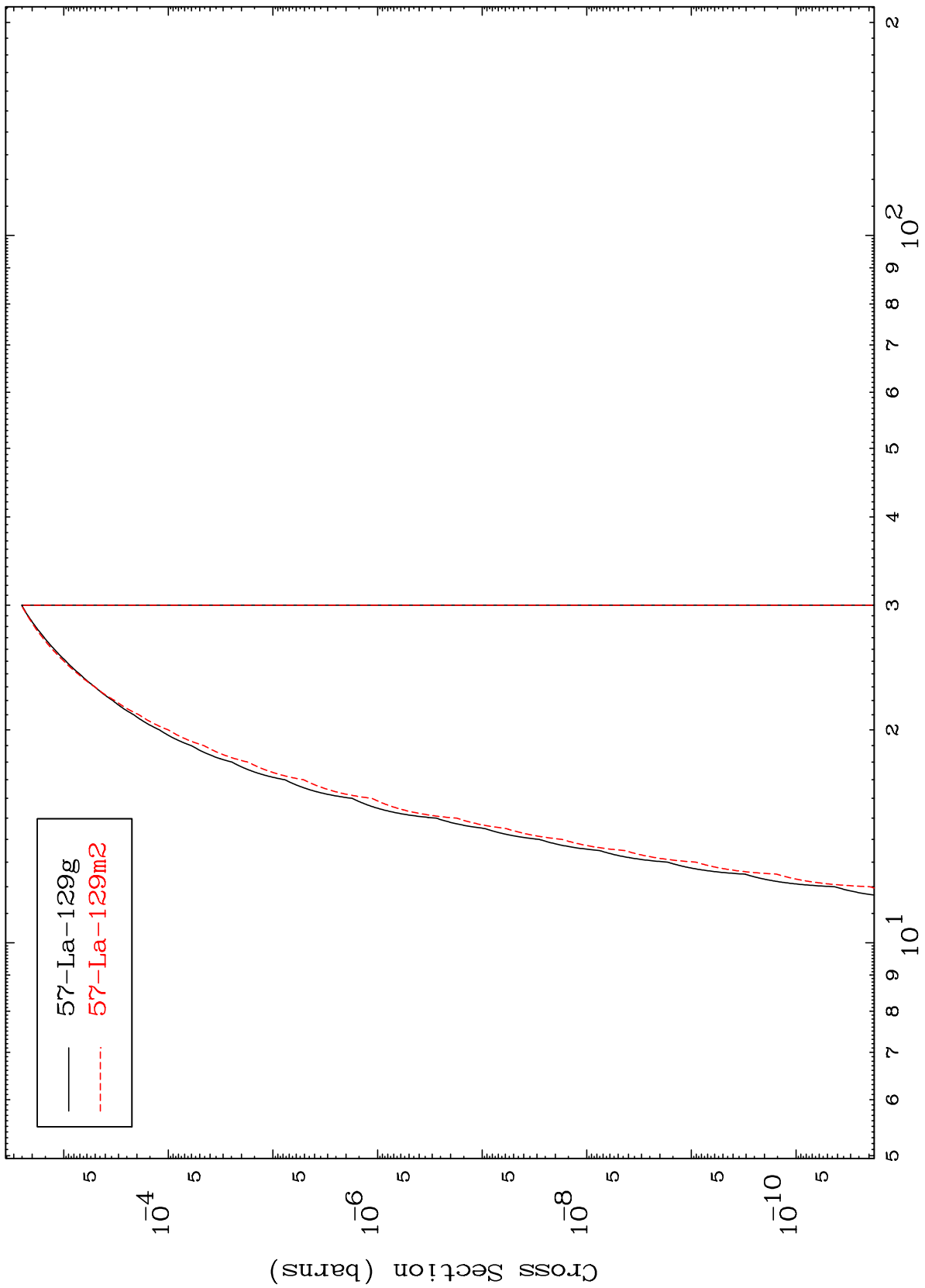


MAT 5896

(n,p) d

59-Pr-131m

Radionuclide Production Cross Section



57-La-129g
57-La-129m2

32

Incident Energy (MeV)

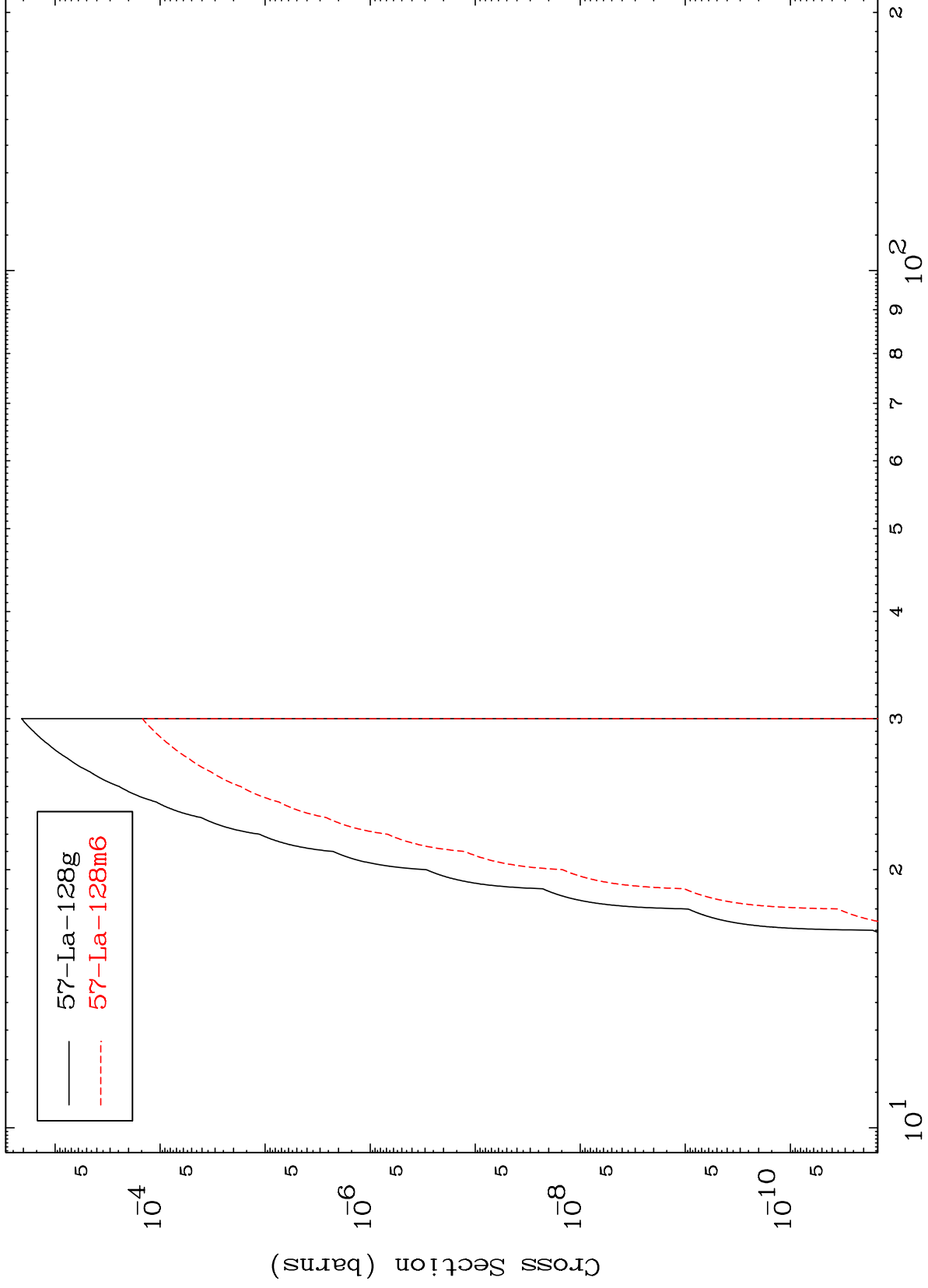
59-Pr-131m

MAT 5896

(n,p) t

59-Pr-131m

Radionuclide Production Cross Section



33

Incident Energy (MeV)

59-Pr-131m