

Program EVALPLOT
(Version 2021-1)

by

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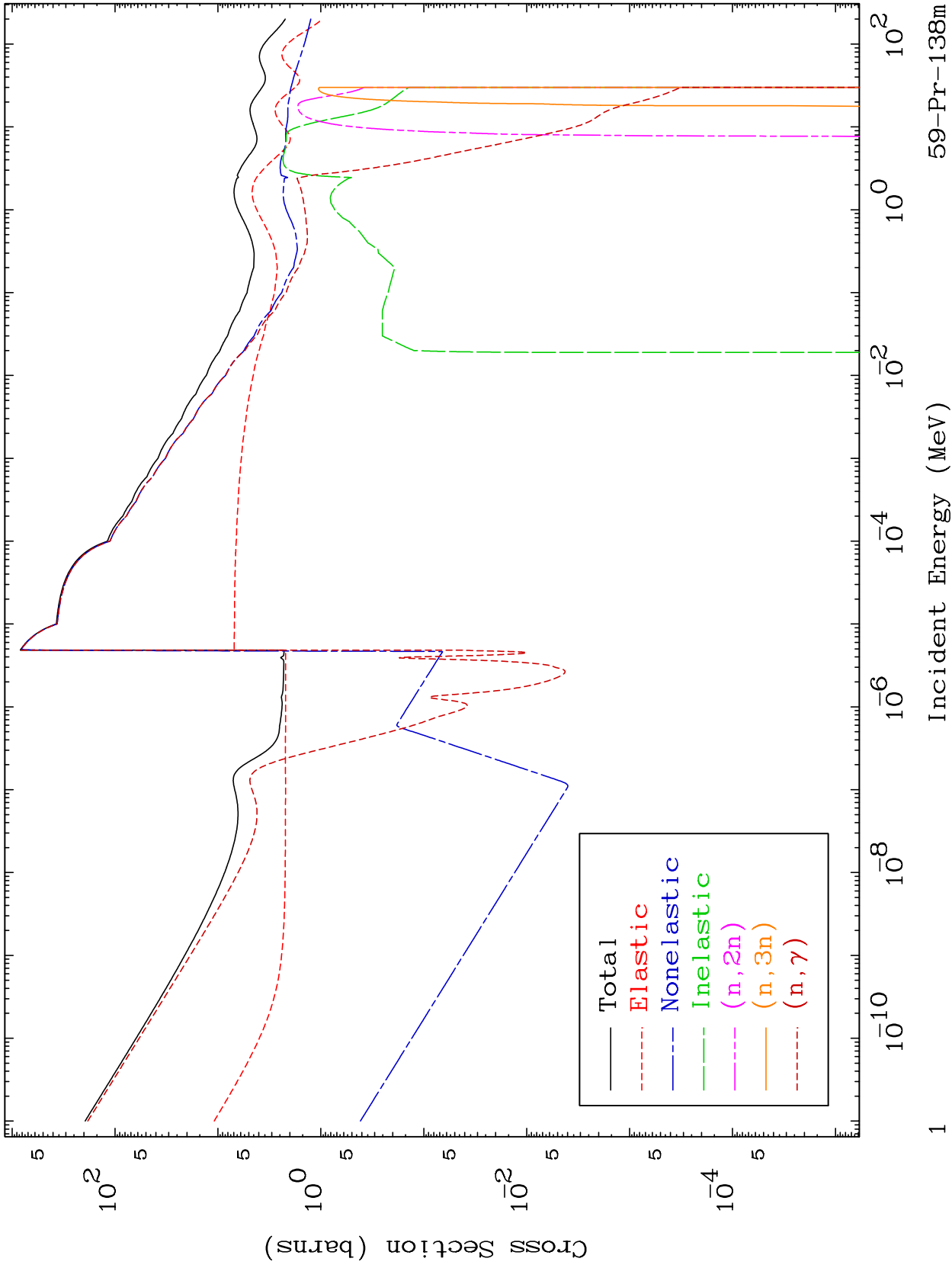
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5917

Neutron Major
293 Kelvin Cross Sections

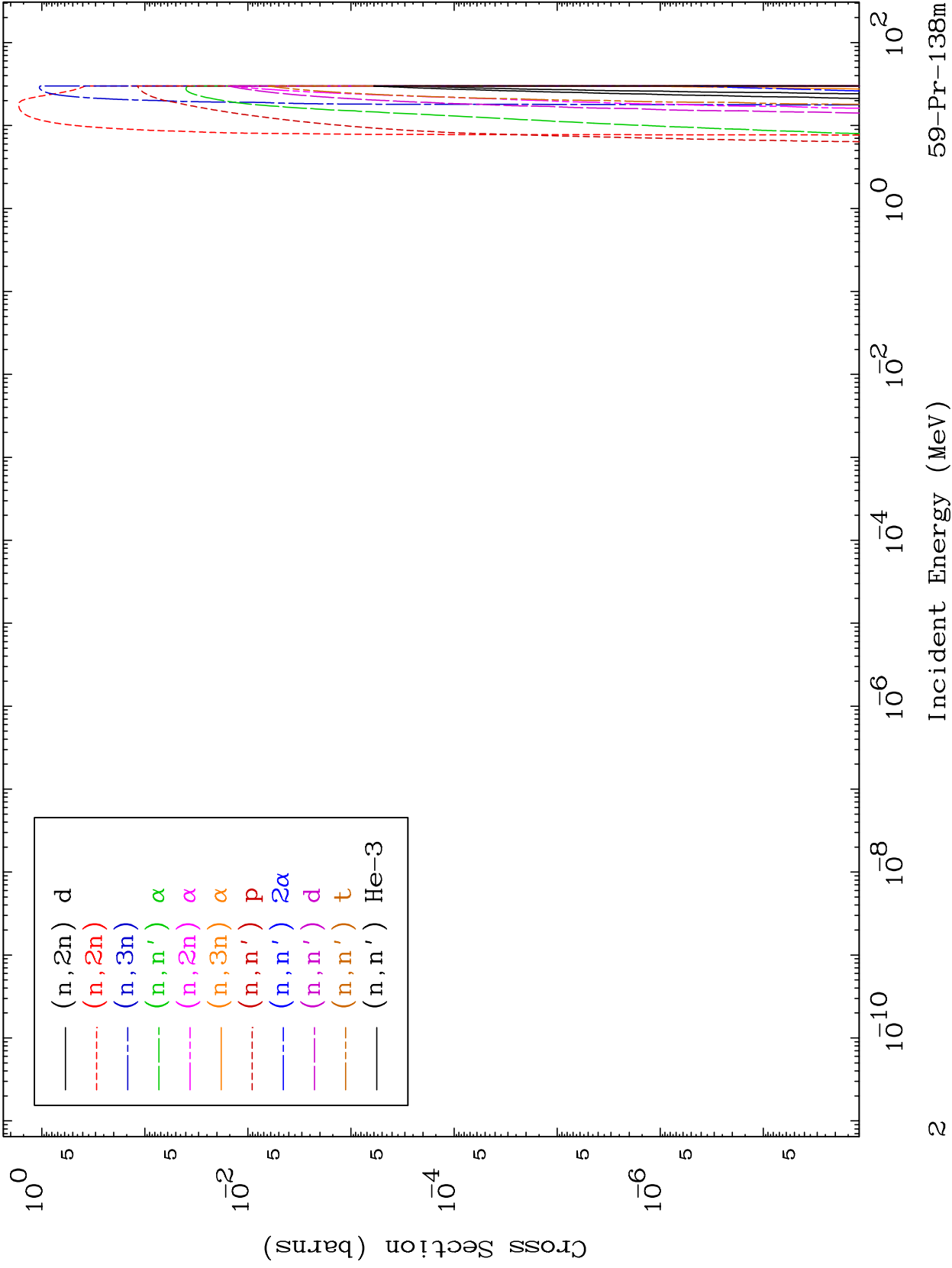
59-Pr-138m



MAT 5917

Neutron Absorption
293 Kelvin Cross Sections

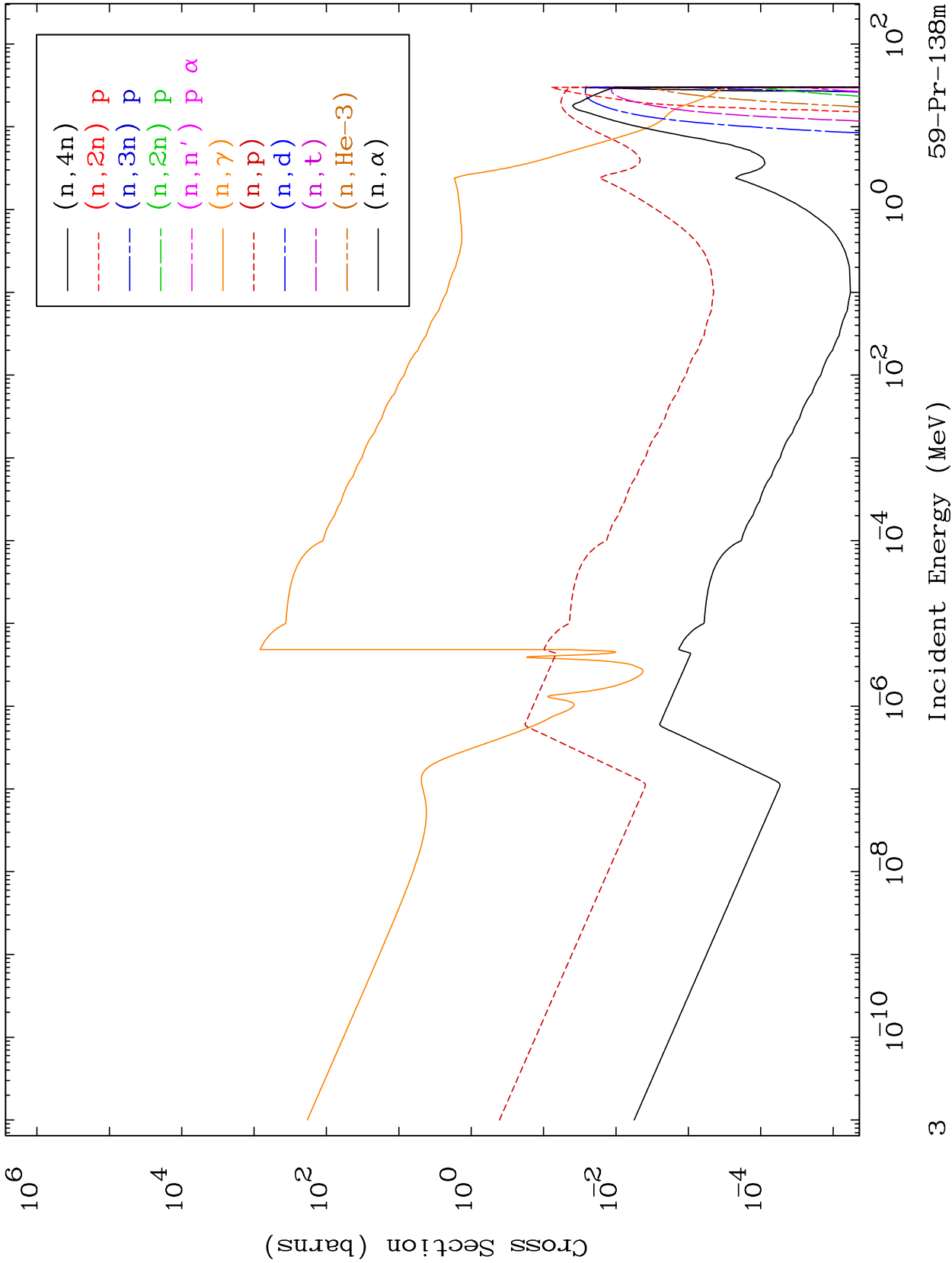
59-Pr-138m



MAT 5917

Neutron Absorption
293 Kelvin Cross Sections

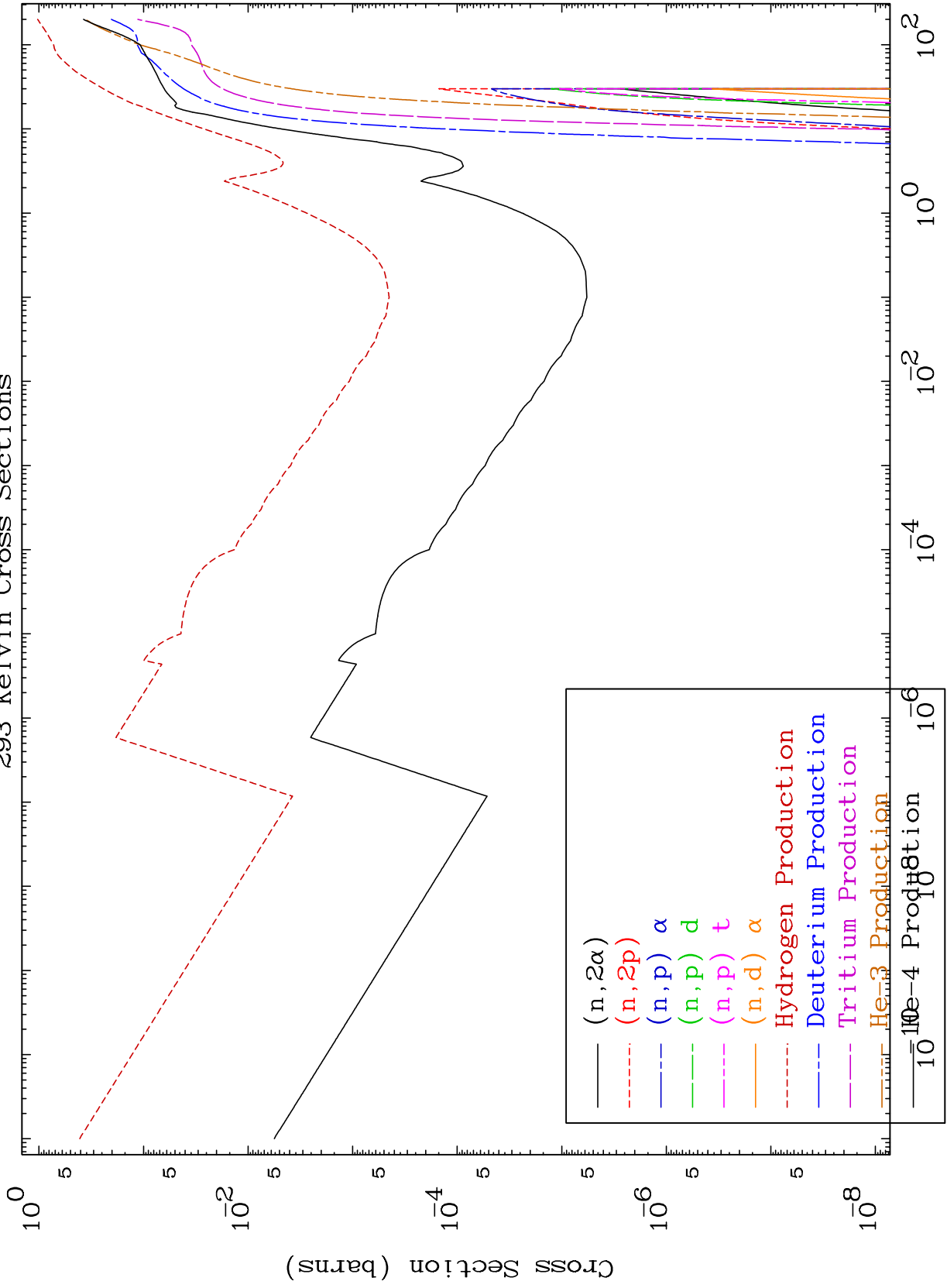
59-Pr-138m



MAT 5917

Neutron Absorption
293 Kelvin Cross Sections

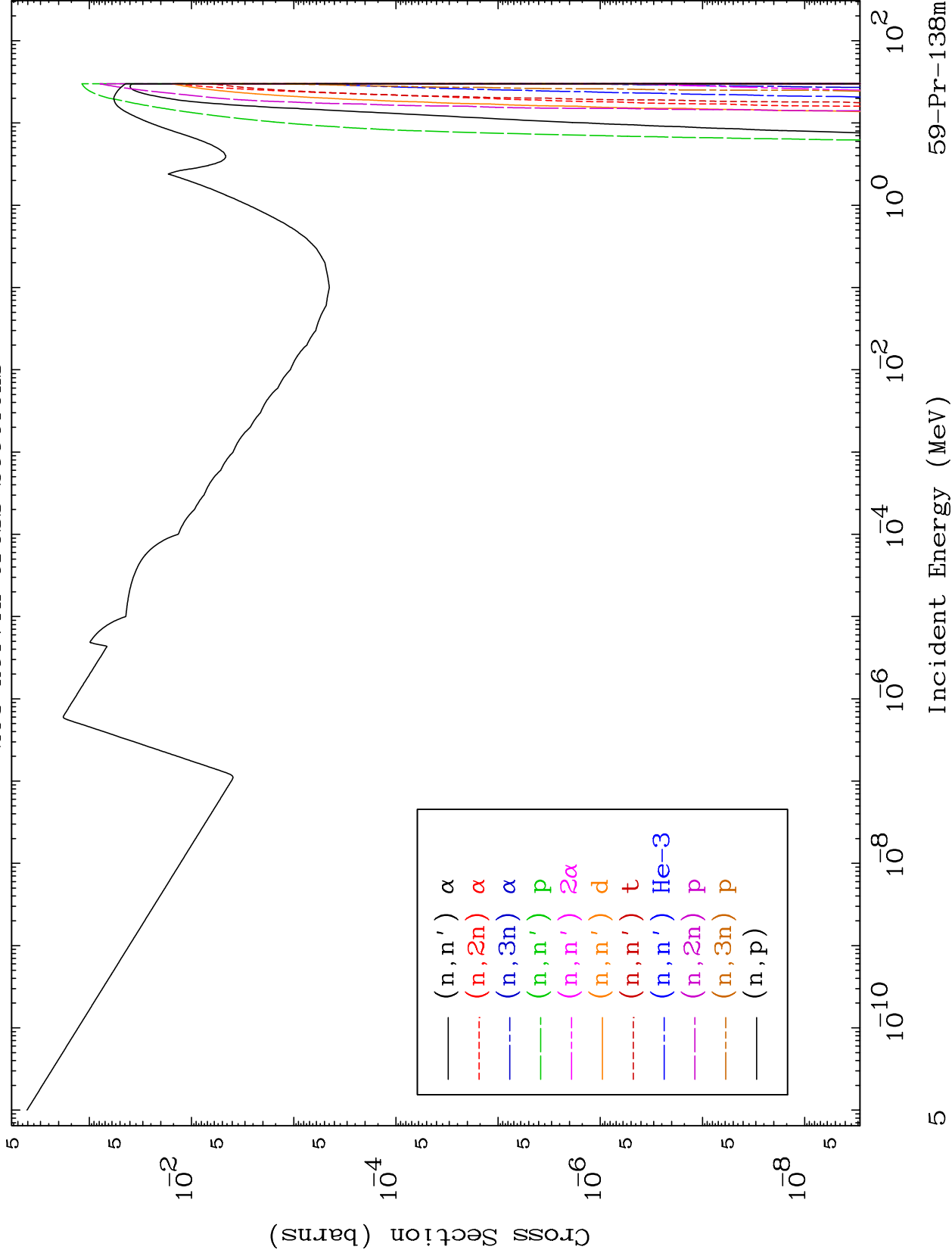
59-Pr-138m



MAT 5917

Charged Particle
293 Kelvin Cross Sections

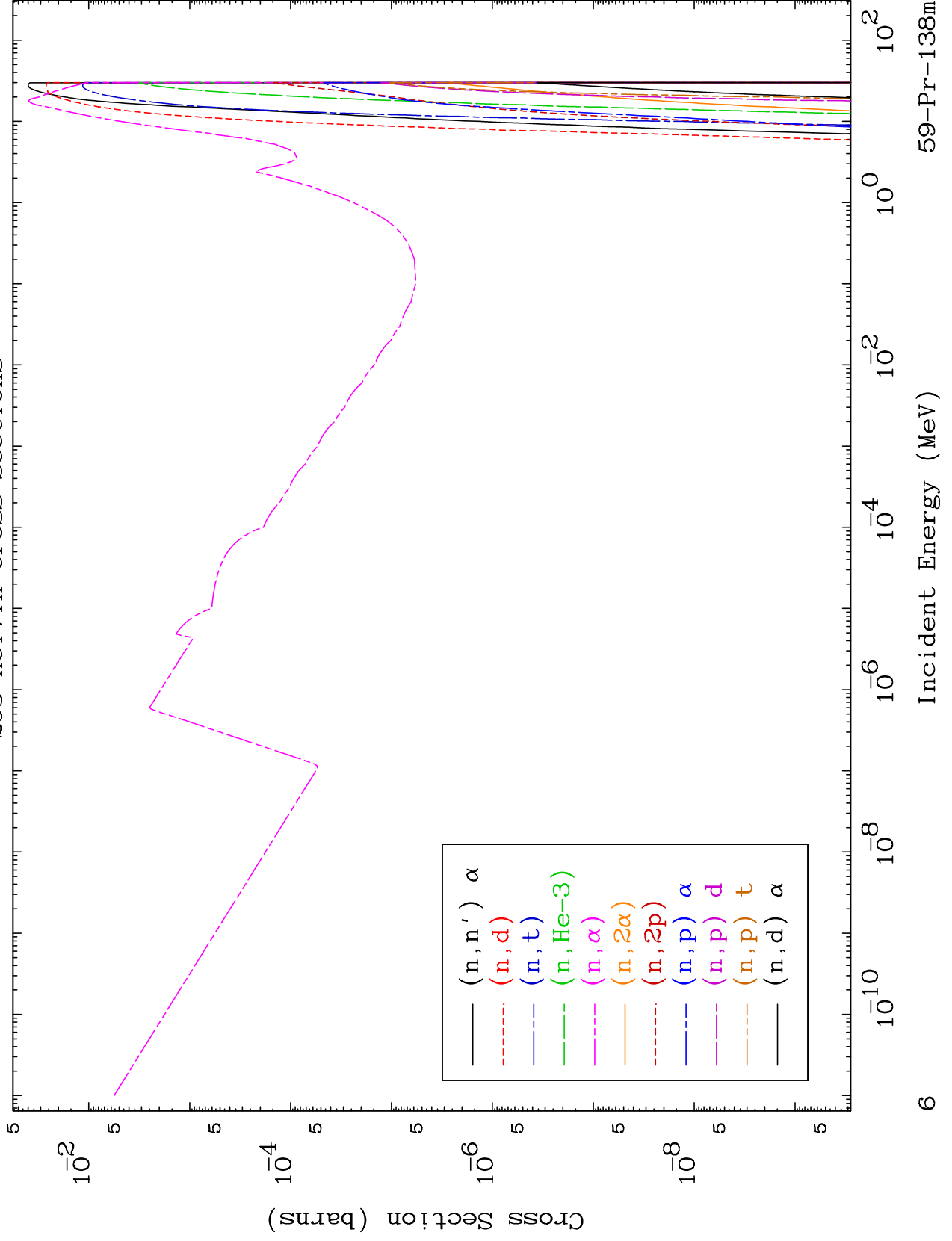
59-Pr-138m



MAT 5917

Charged Particle
293 Kelvin Cross Sections

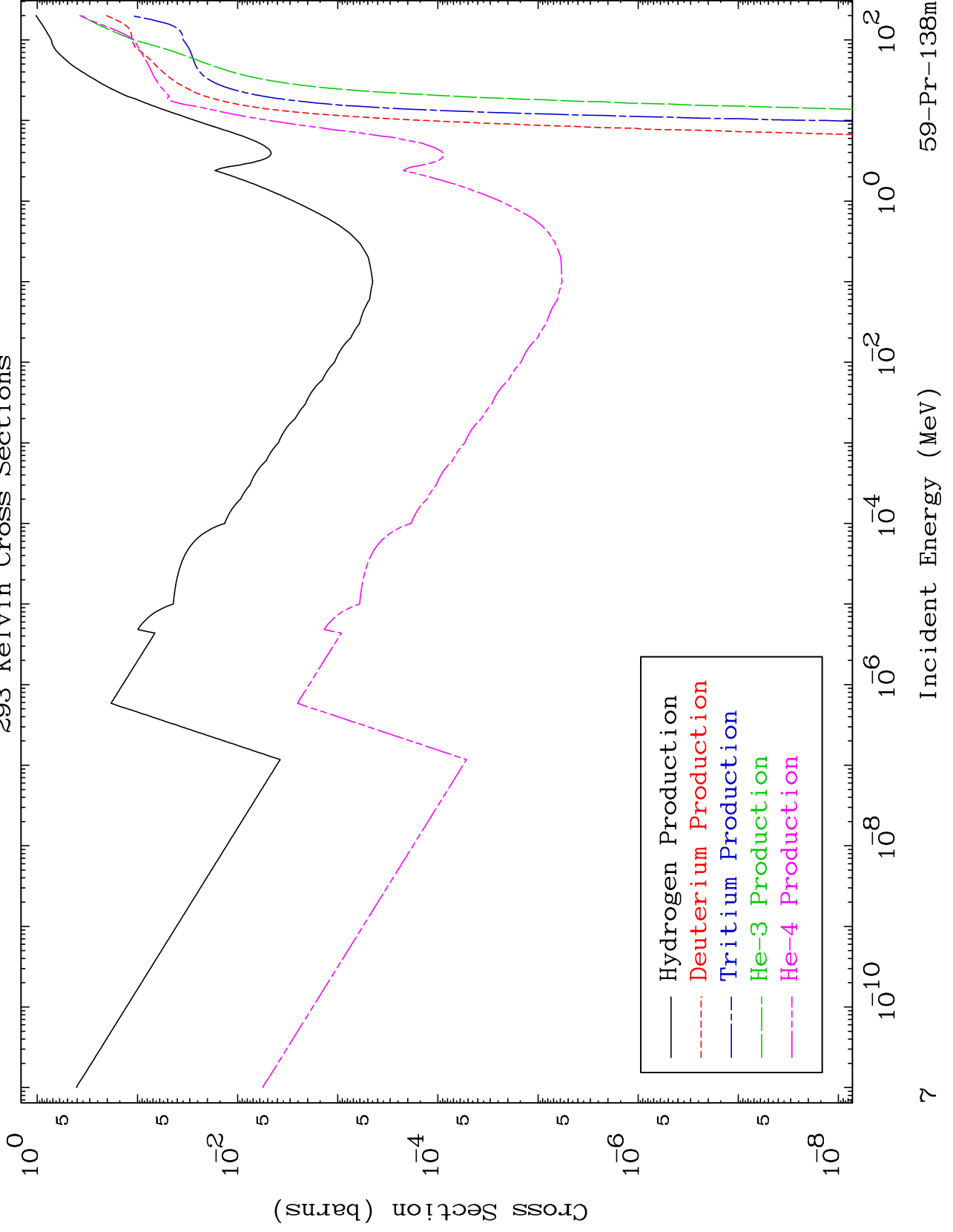
59-Pr-138m



MAT 5917

Particle Production
293 Kelvin Cross Sections

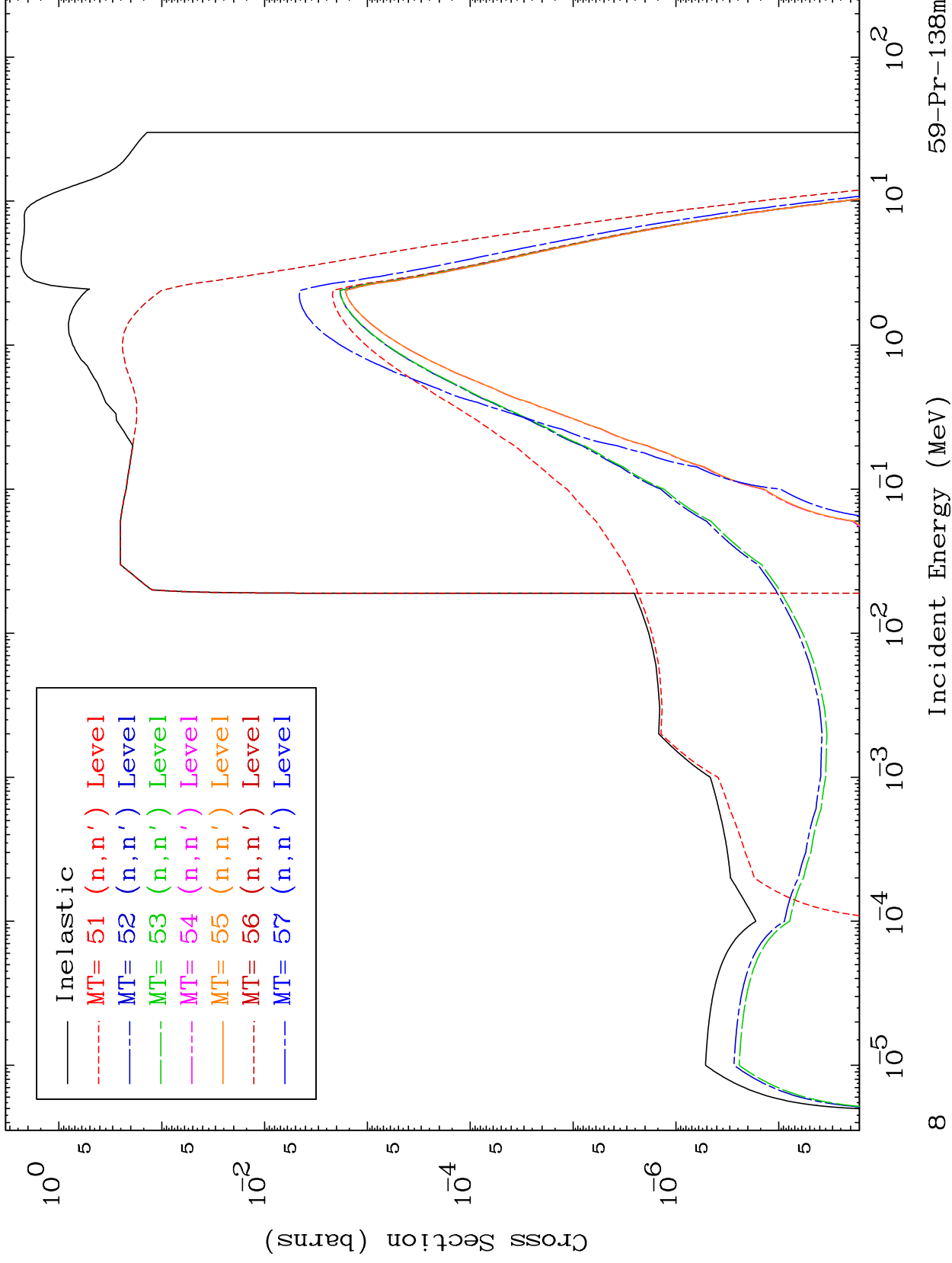
59-Pr-138m



MAT 5917

(n,n') Levels
293 Kelvin Cross Sections

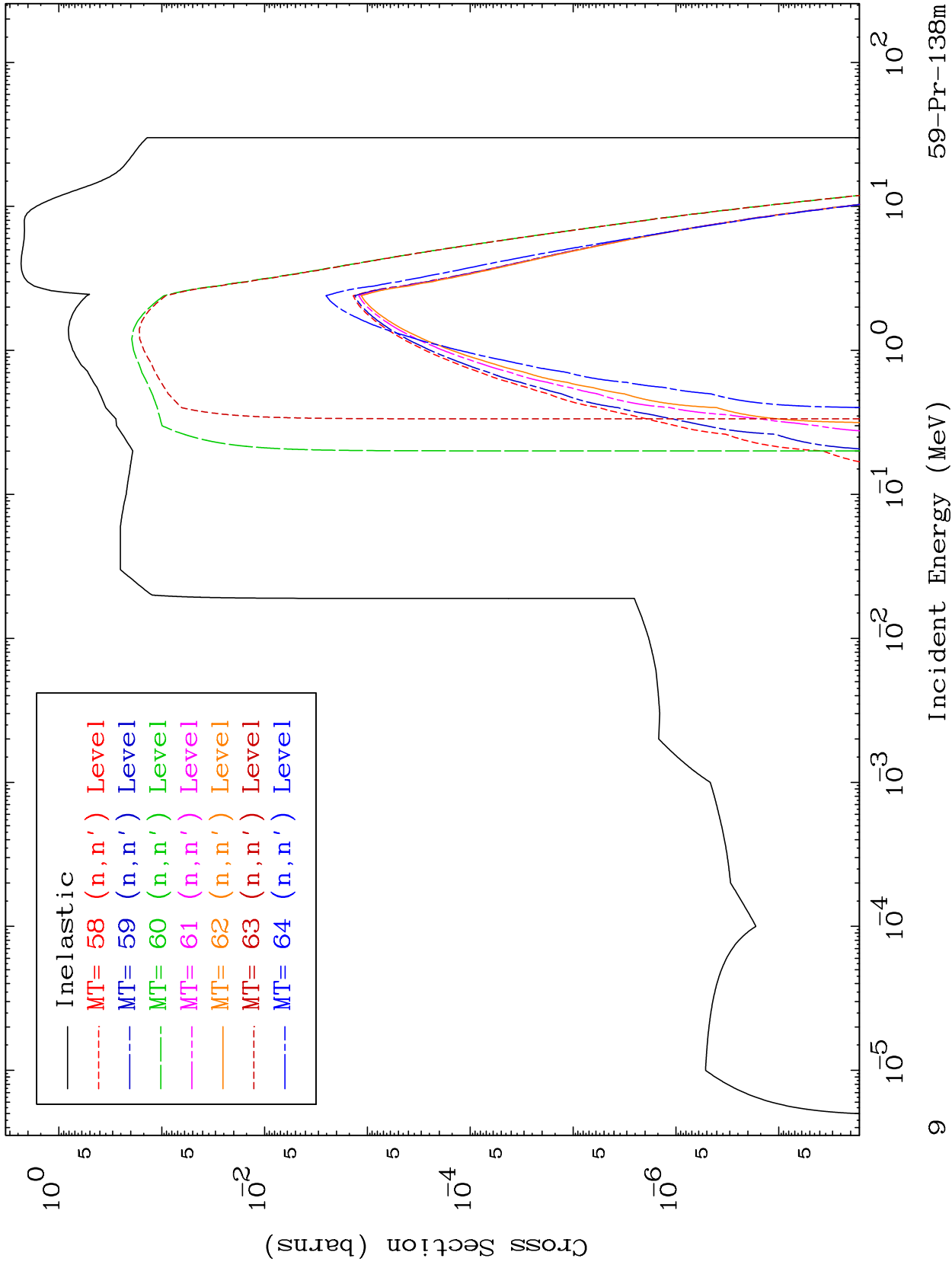
59-Pr-138m



MAT 5917

(n,n') Levels
293 Kelvin Cross Sections

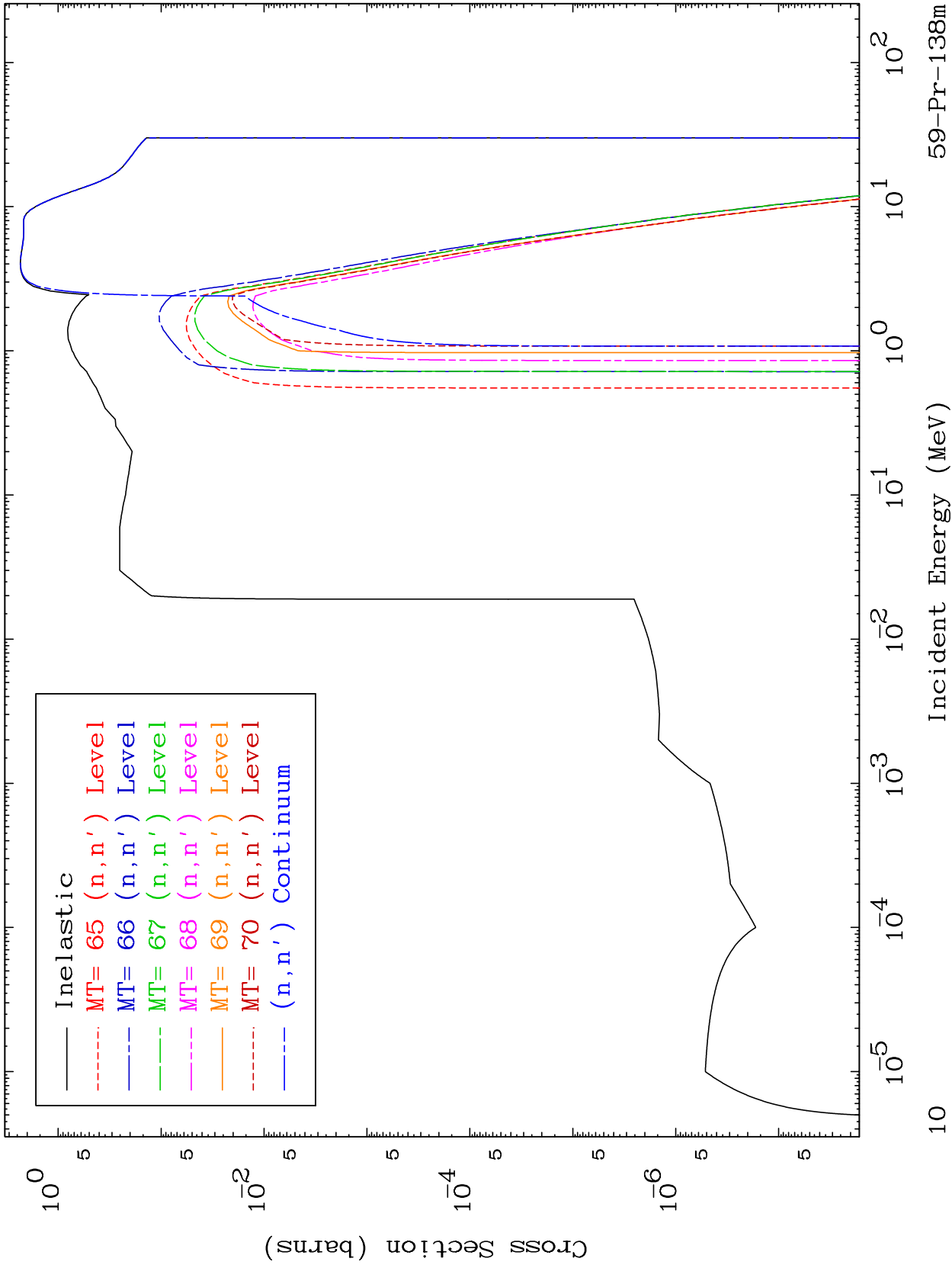
59-Pr-138m



MAT 5917

(n,n') Levels
293 Kelvin Cross Sections

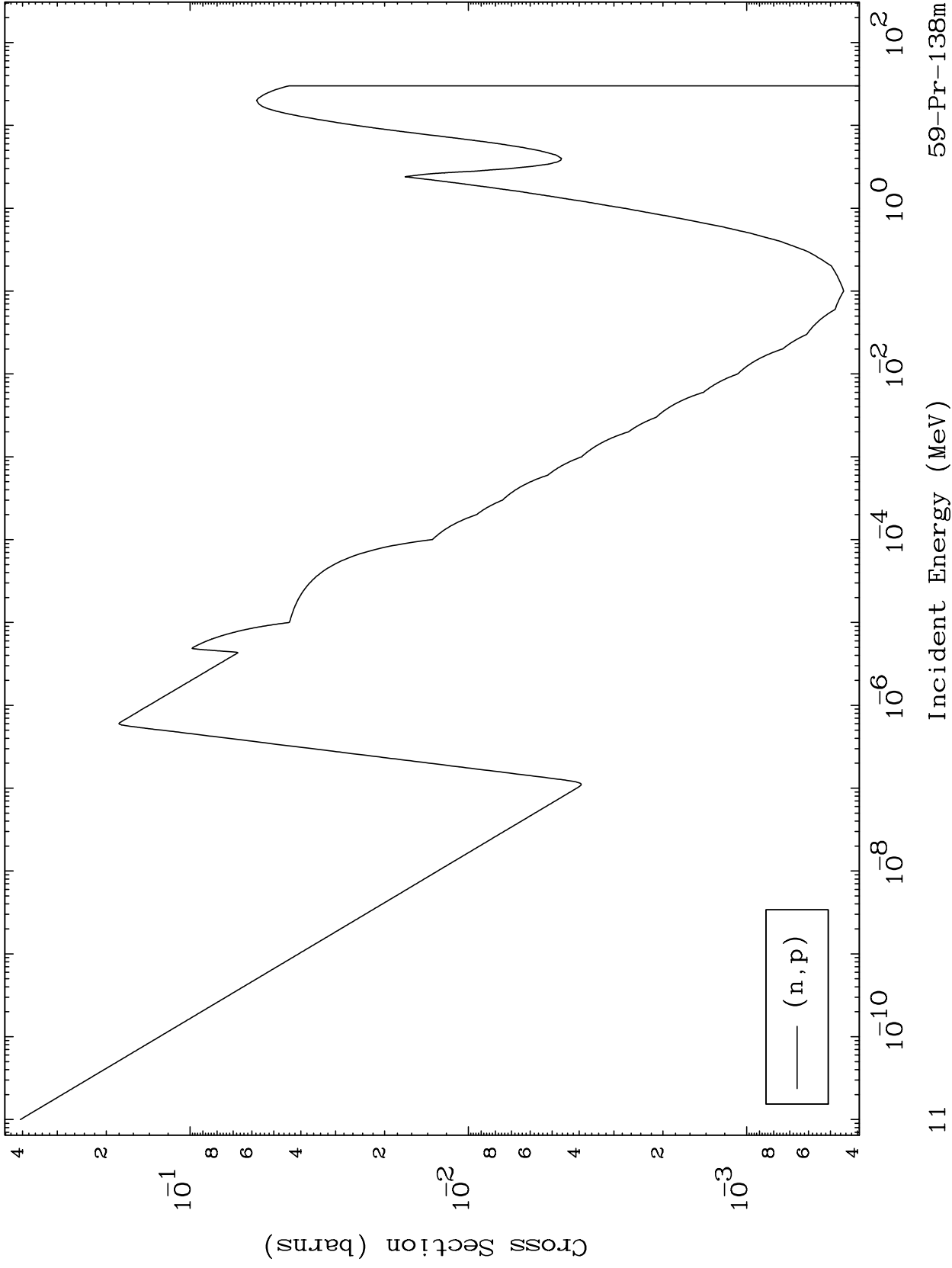
59-Pr-138m



MAT 5917

(n,p) Levels
293 Kelvin Cross Sections

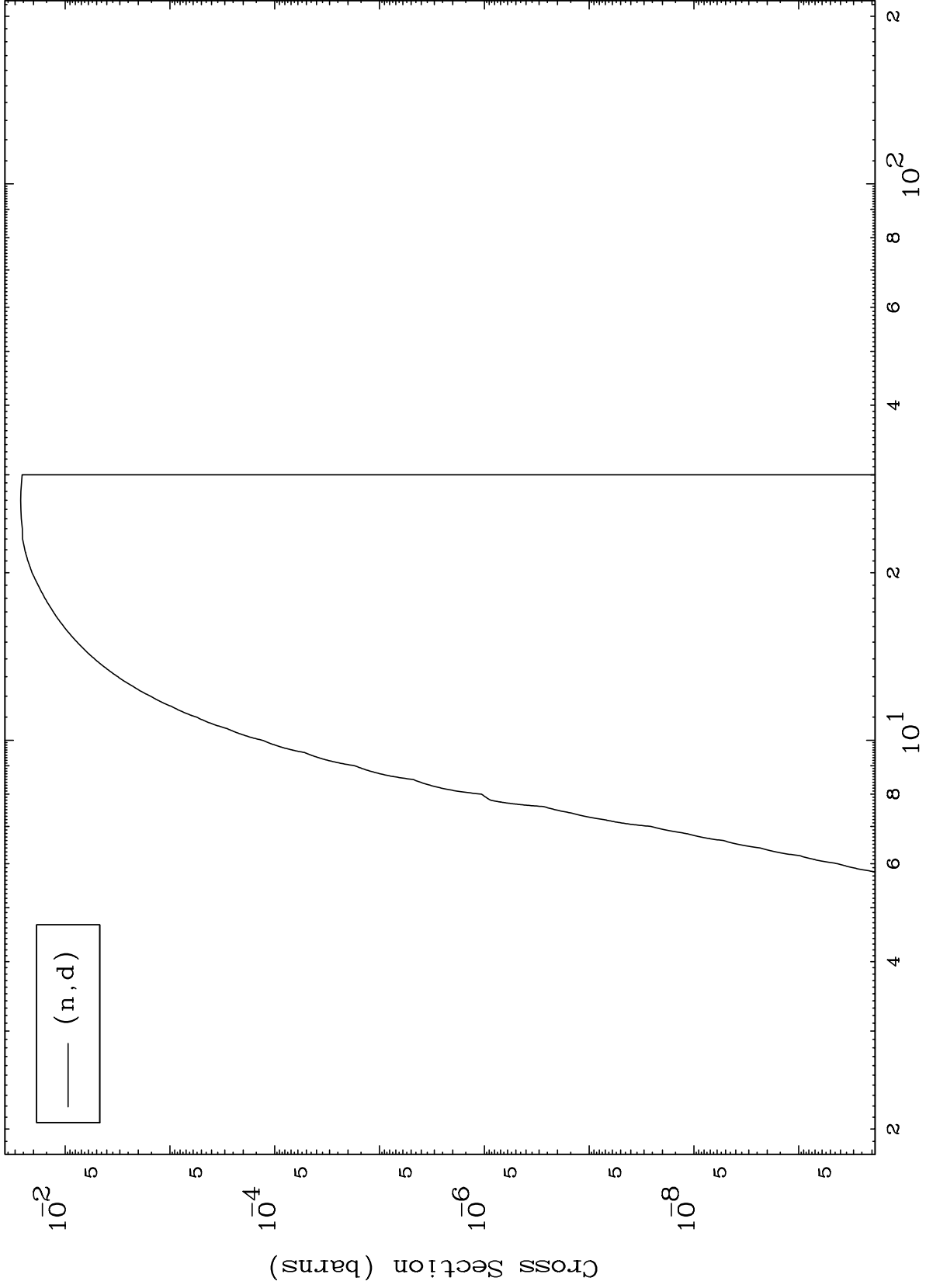
59-Pr-138m



MAT 5917

(n,d) Levels
293 Kelvin Cross Sections

59-Pr-138m



12

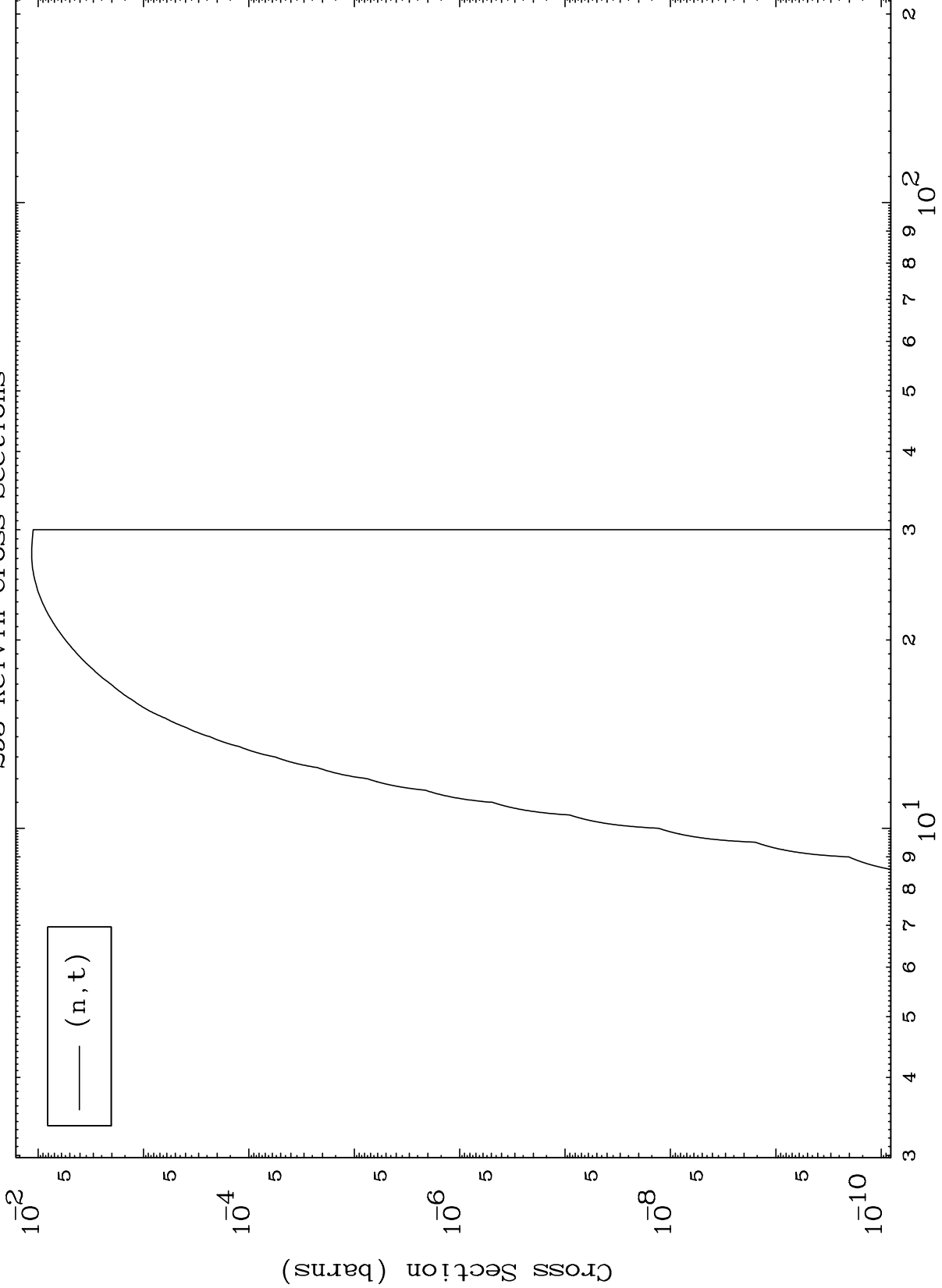
Incident Energy (MeV)

59-Pr-138m

MAT 5917

(n,t) Levels
293 Kelvin Cross Sections

59-Pr-138m



13

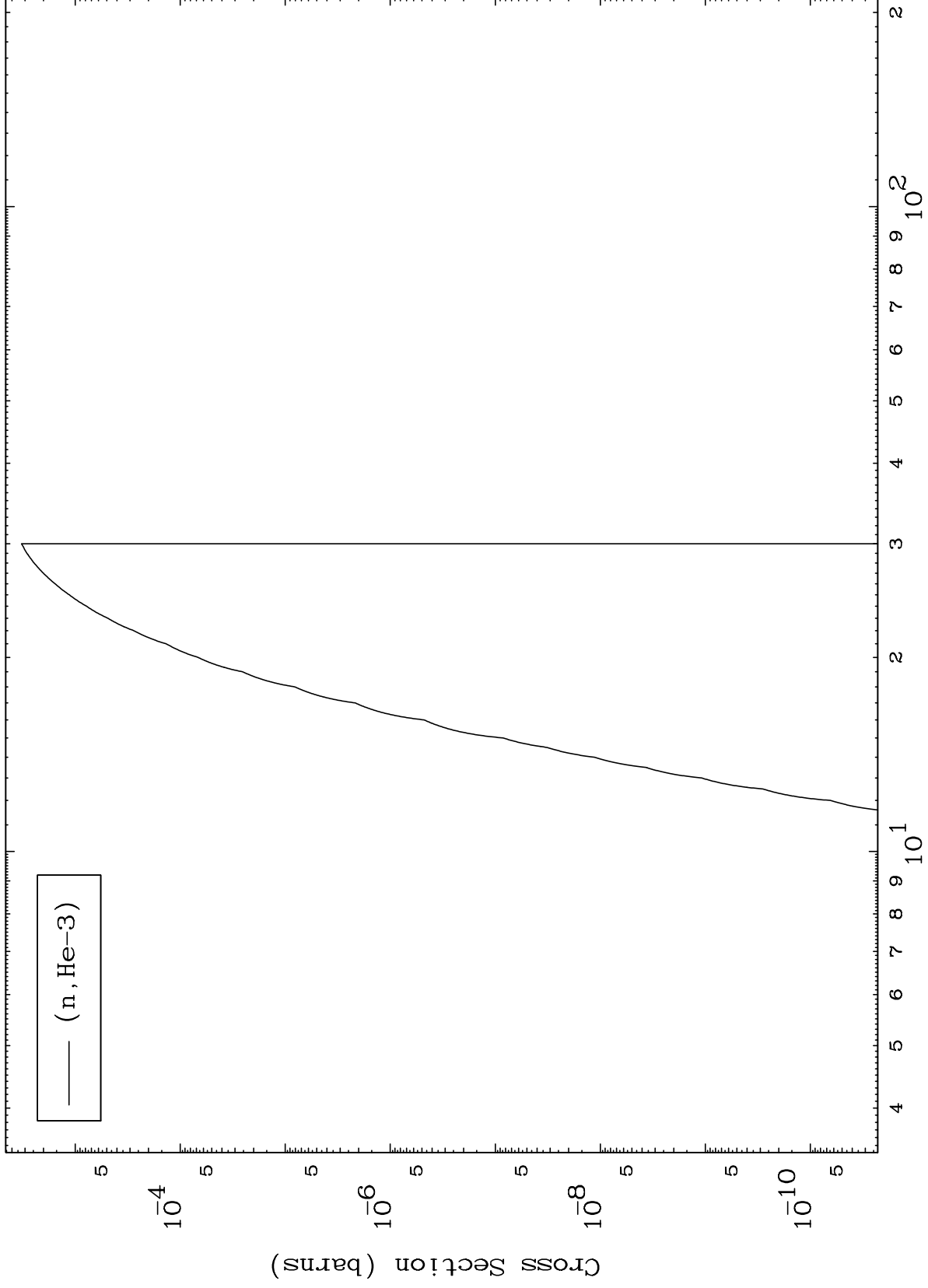
Incident Energy (MeV)

59-Pr-138m

MAT 5917

(n,He3) Levels
293 Kelvin Cross Sections

59-Pr-138m



14

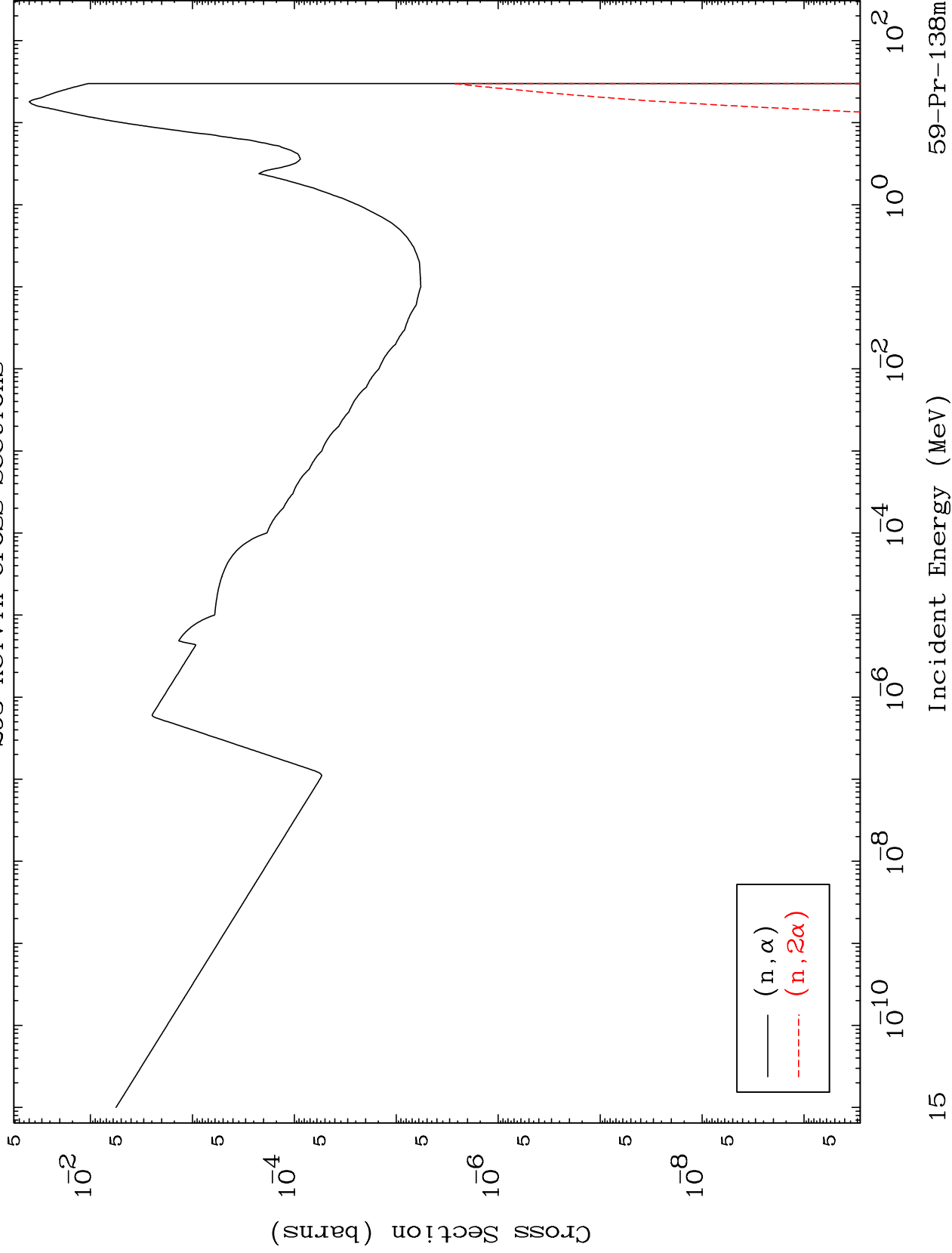
Incident Energy (MeV)

59-Pr-138m

MAT 5917

(n,α) Levels
293 Kelvin Cross Sections

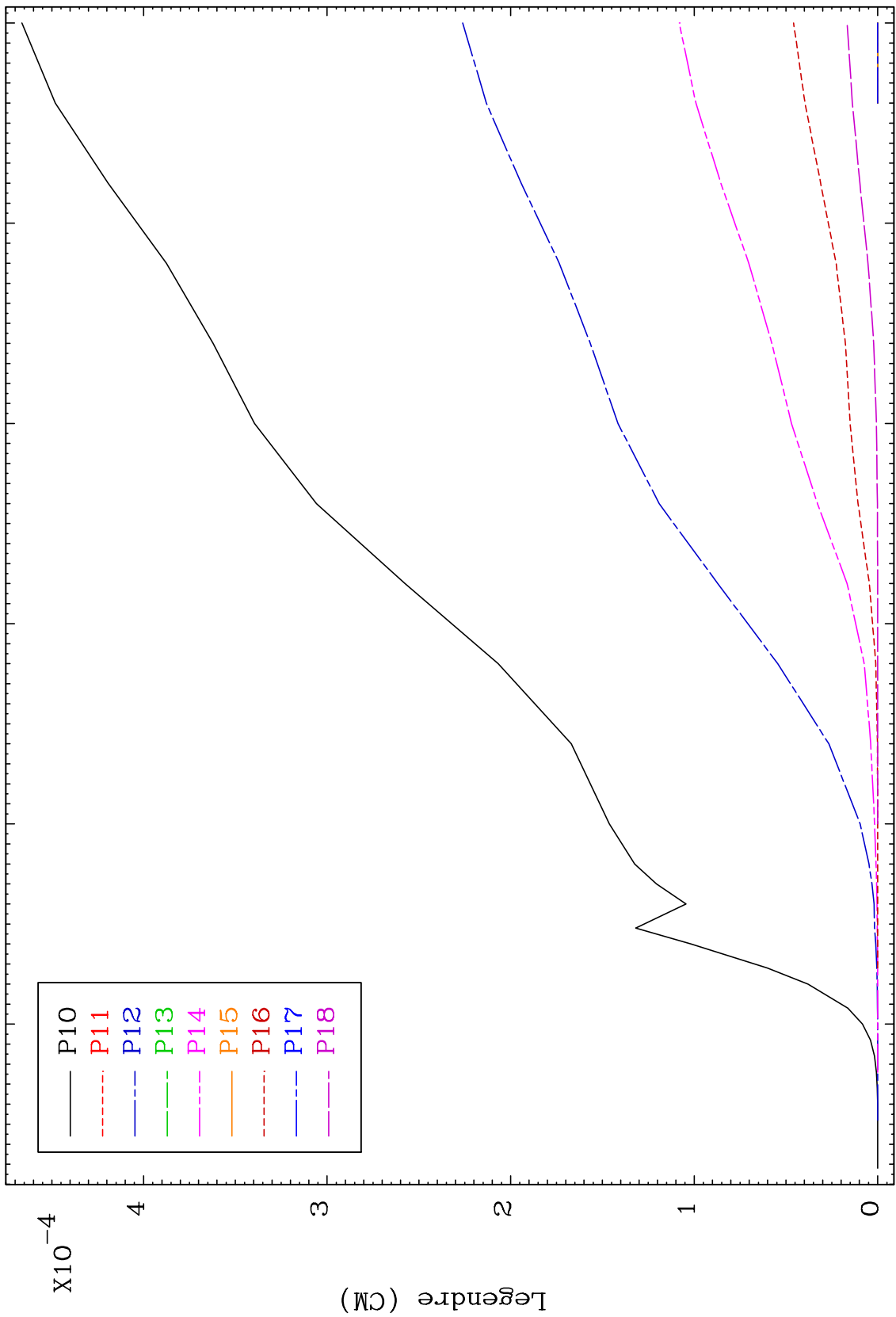
59-Pr-138m



MAT 5917

Elastic Legendre Coefficients

59-Pr-138m



17

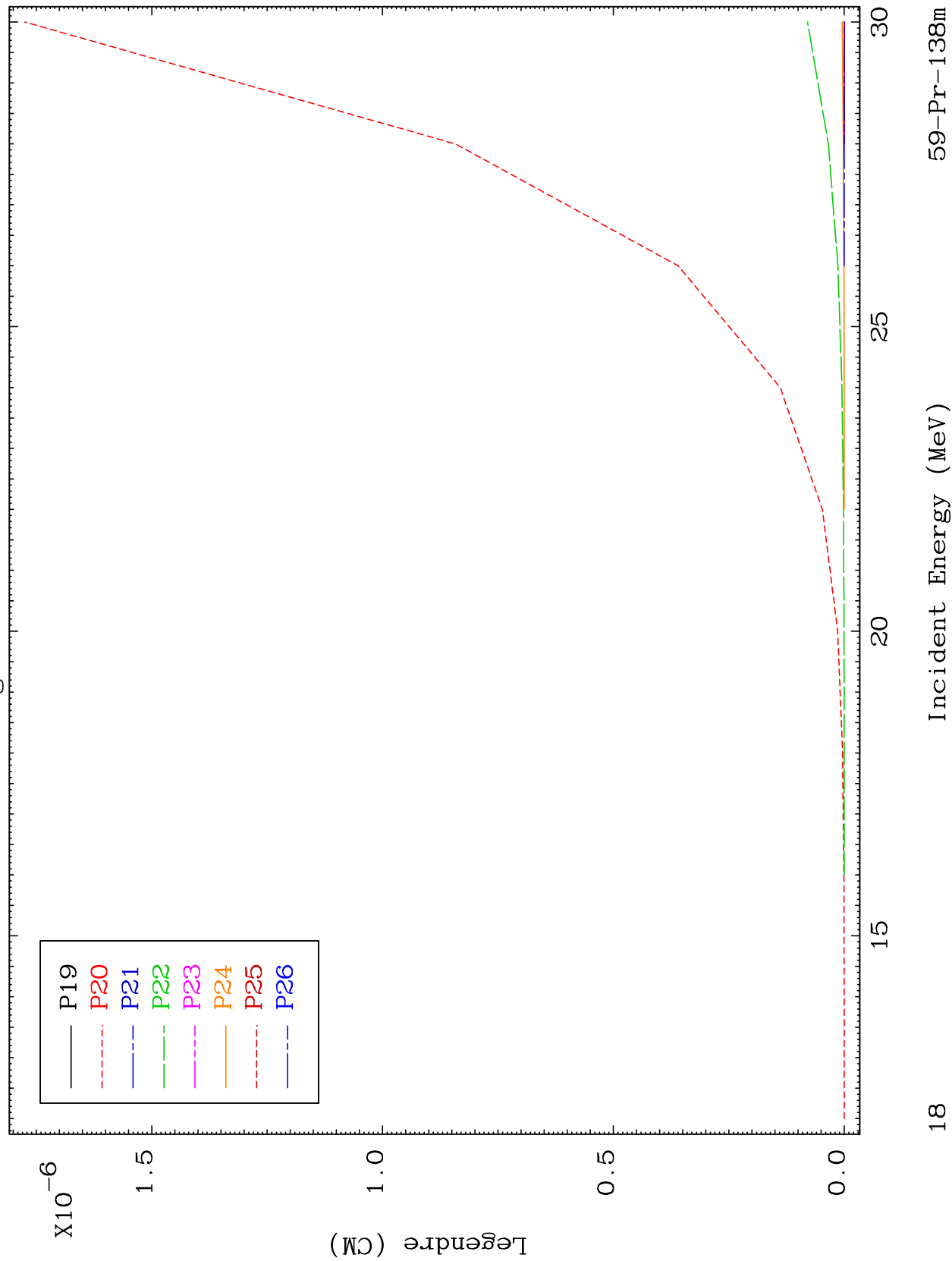
59-Pr-138m

Incident Energy (MeV)

MAT 5917

Elastic Legendre Coefficients

59-Pr-138m



18

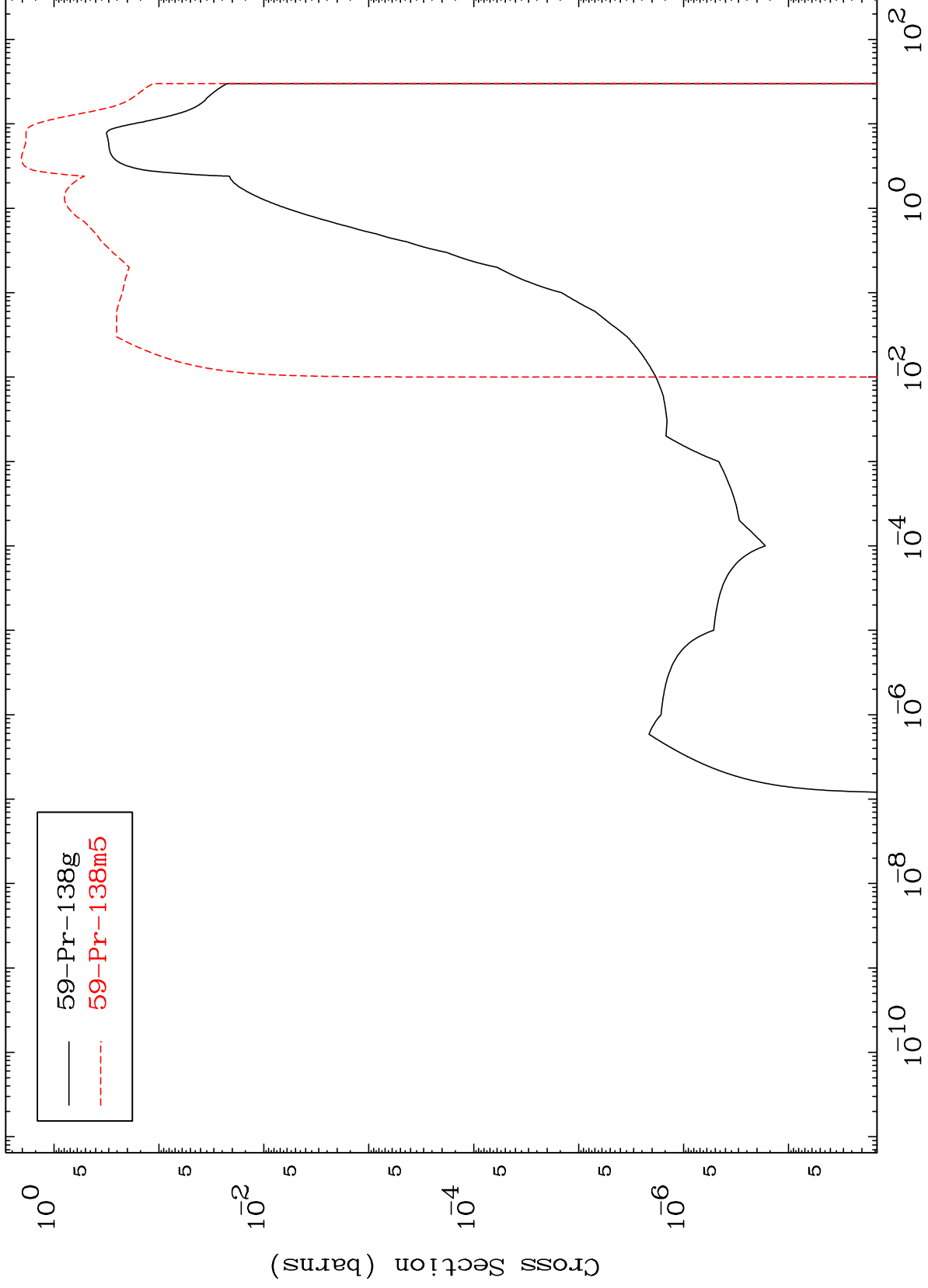
Incident Energy (MeV)

59-Pr-138m

MAT 5917

Inelastic
Radionuclide Production Cross Section

59-Pr-138m



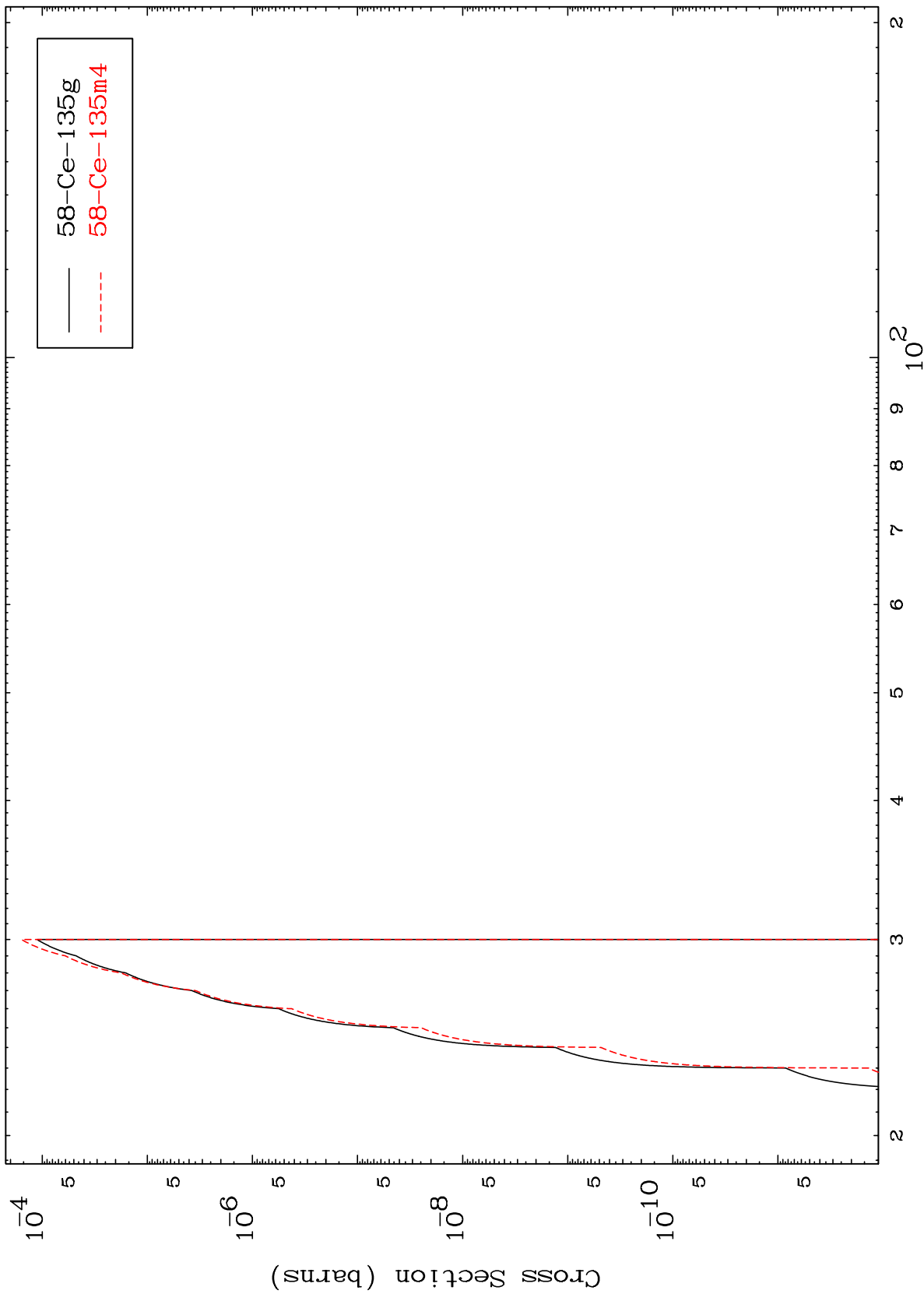
59-Pr-138m

MAT 5917

(n,2n) d

59-Pr-138m

Radionuclide Production Cross Section



20

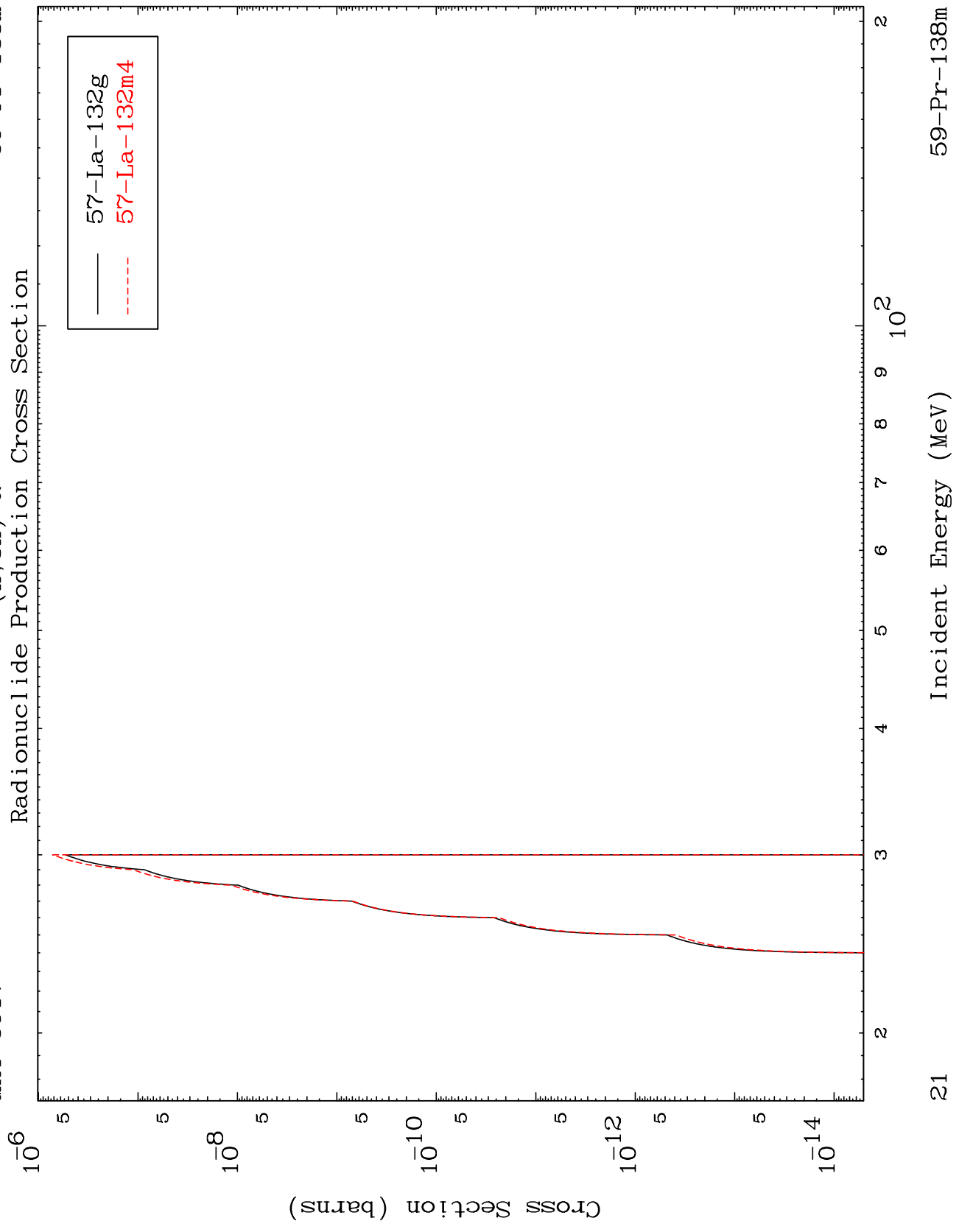
Incident Energy (MeV)

59-Pr-138m

MAT 5917

(n,3n) α

59-Pr-138m

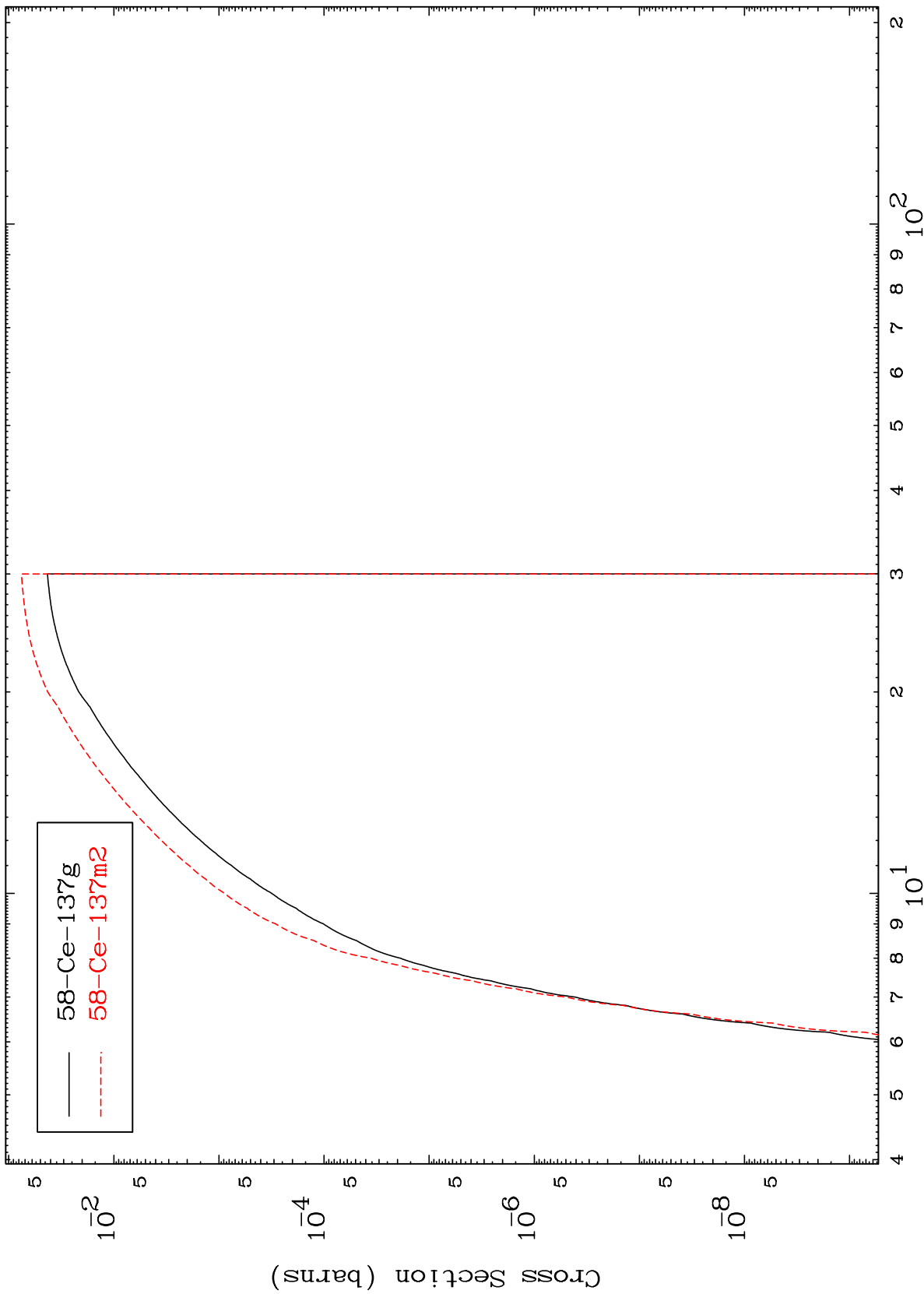


MAT 5917

(n,n') p

59-Pr-138m

Radionuclide Production Cross Section



Incident Energy (MeV)

59-Pr-138m

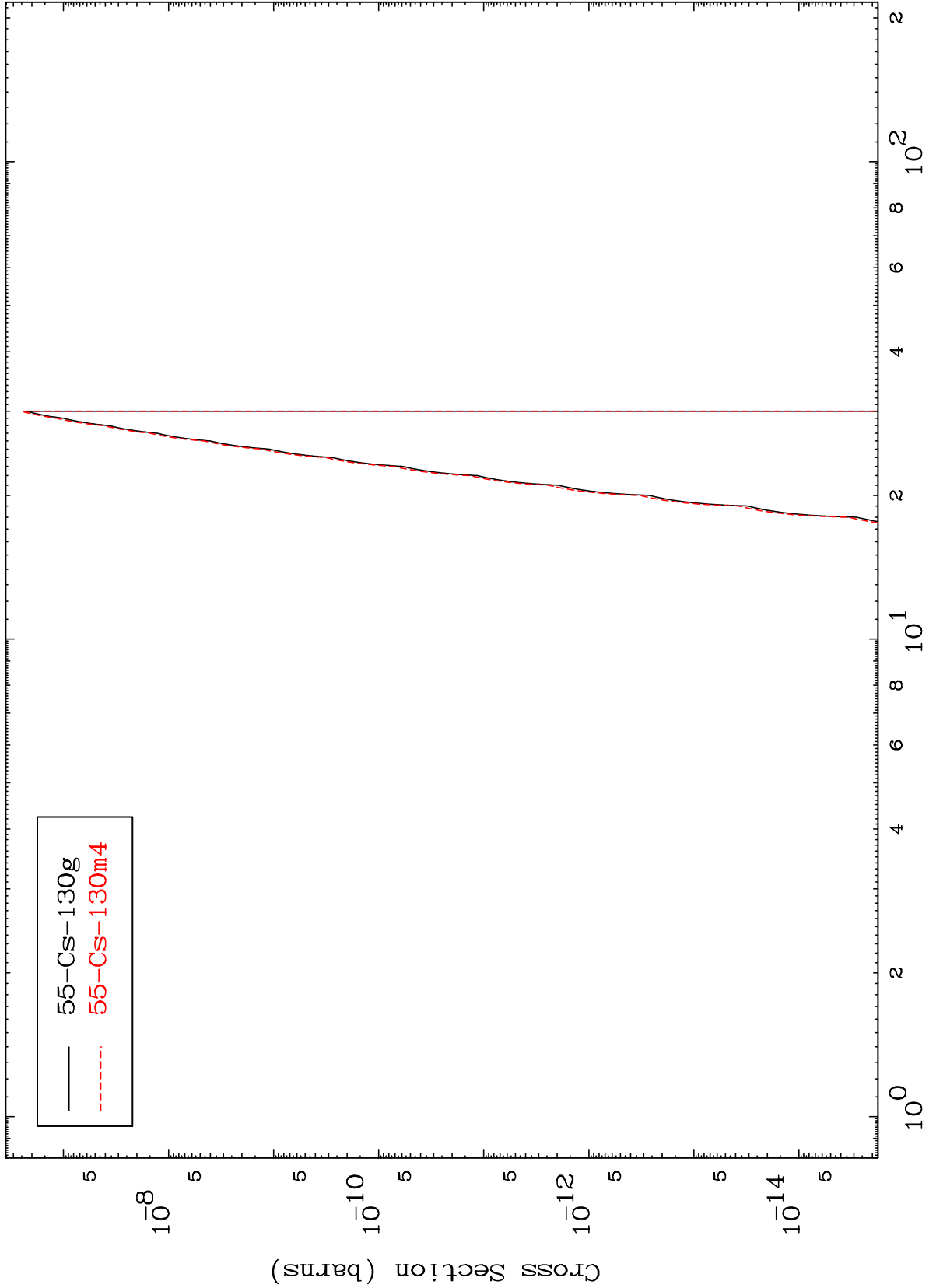
22

MAT 5917

(n,n') 2α

59-Pr-138m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

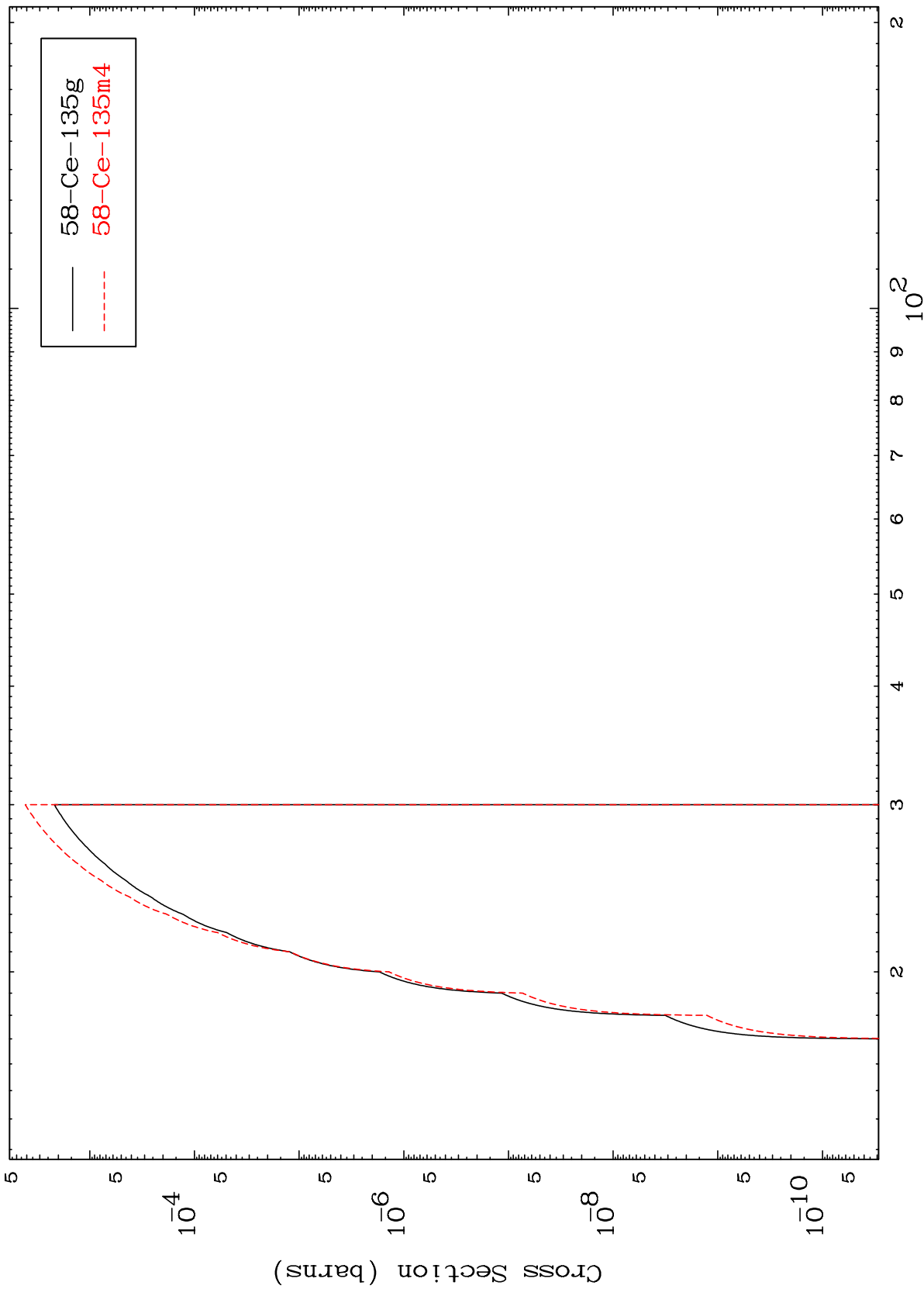
59-Pr-138m

MAT 5917

(n,n') t

59-Pr-138m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

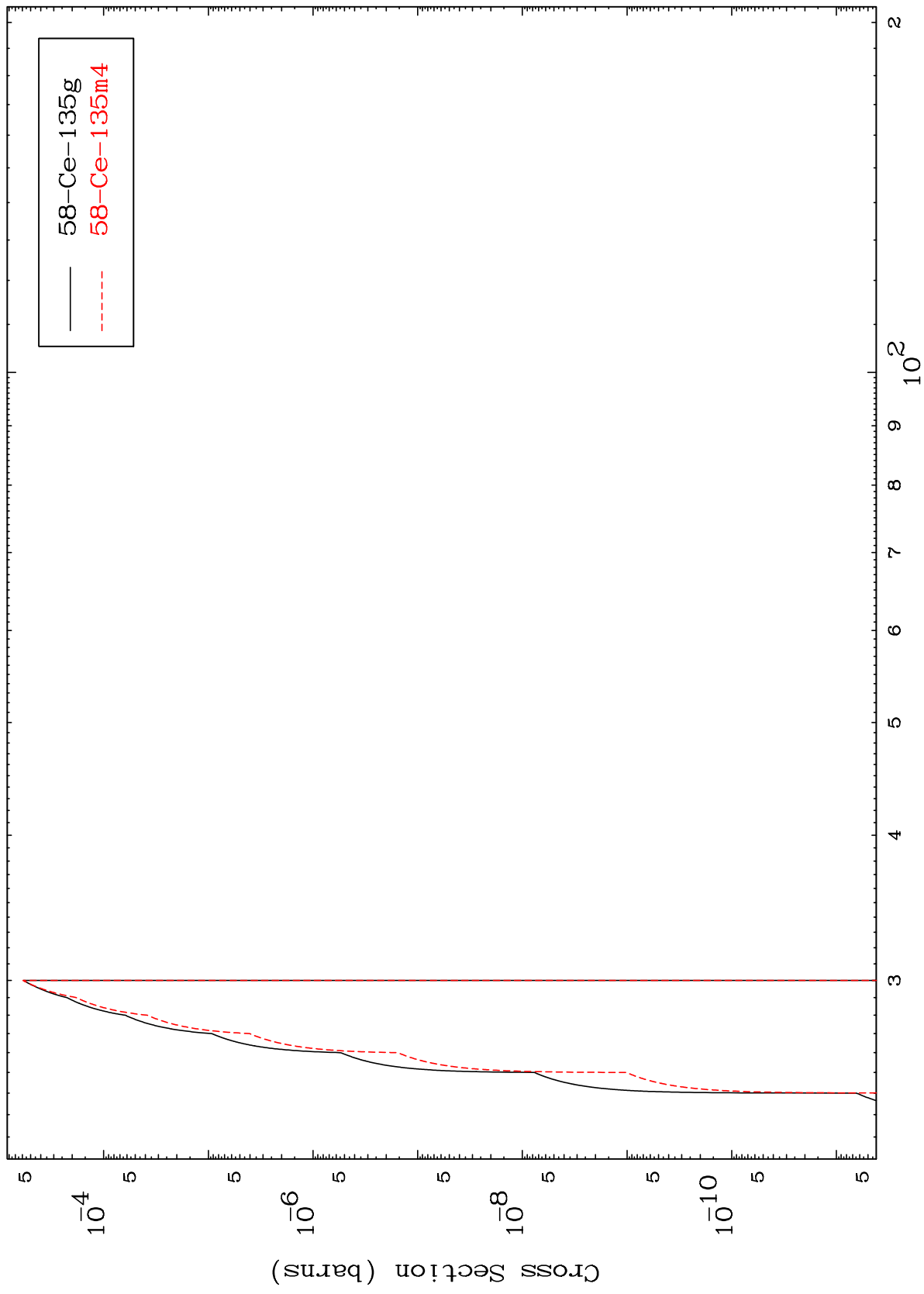
59-Pr-138m

MAT 5917

(n,3n) p

59-Pr-138m

Radionuclide Production Cross Section

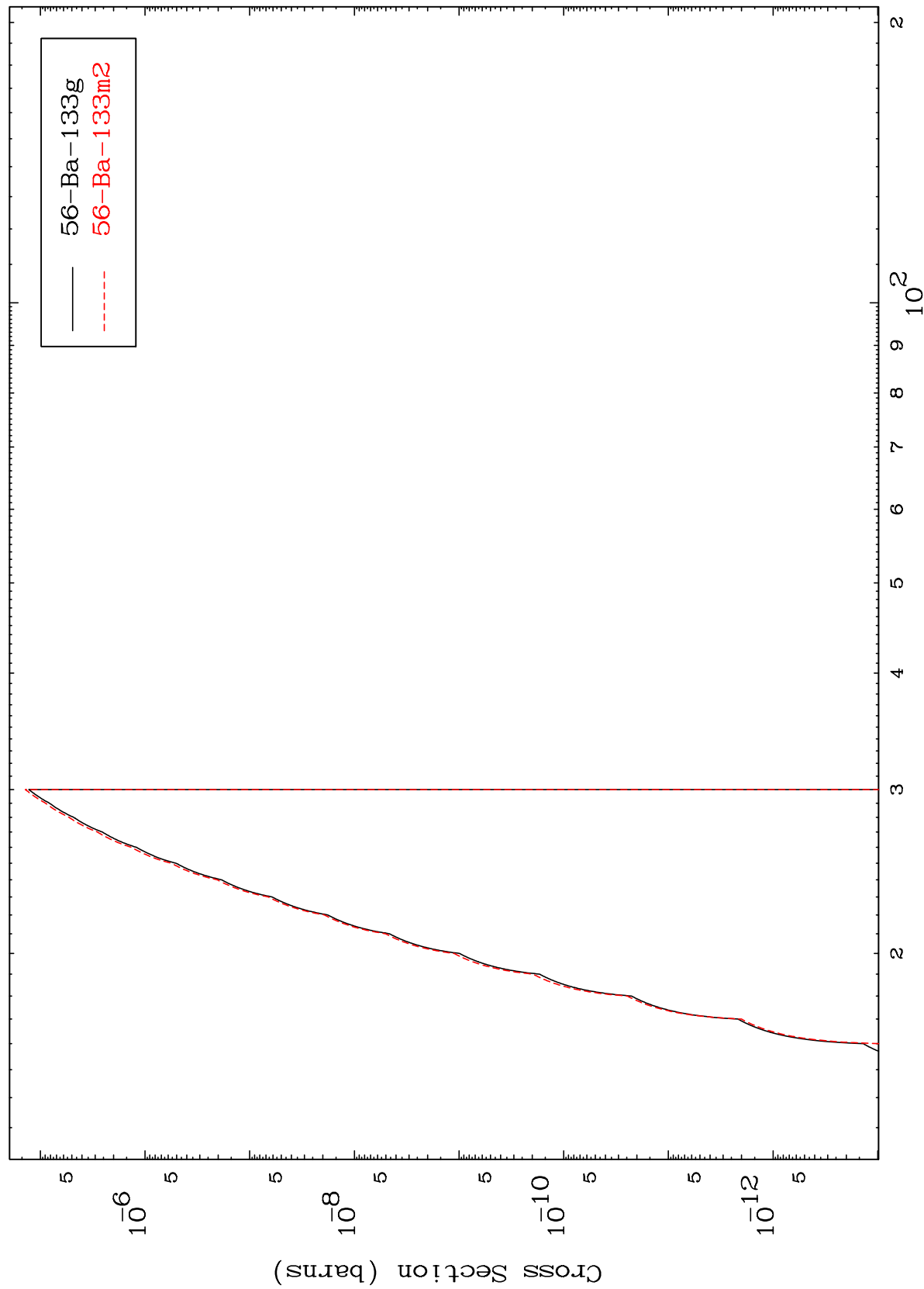


25

Incident Energy (MeV)

59-Pr-138m

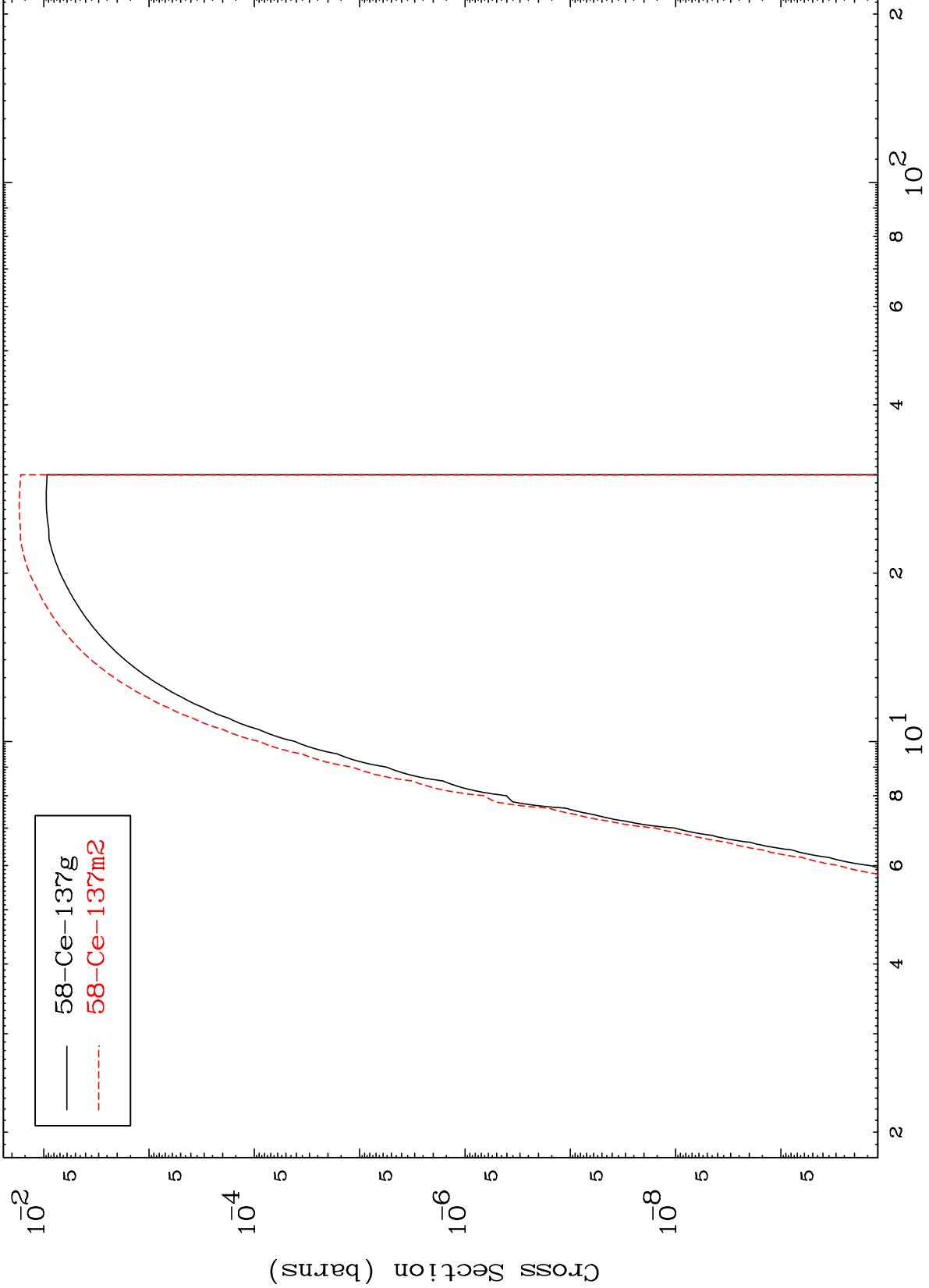
Radionuclide Production Cross Section



MAT 5917

59-Pr-138m

(n,d)
Radionuclide Production Cross Section



— 58-Ce-137g
- - - 58-Ce-137m2

59-Pr-138m

Incident Energy (MeV)

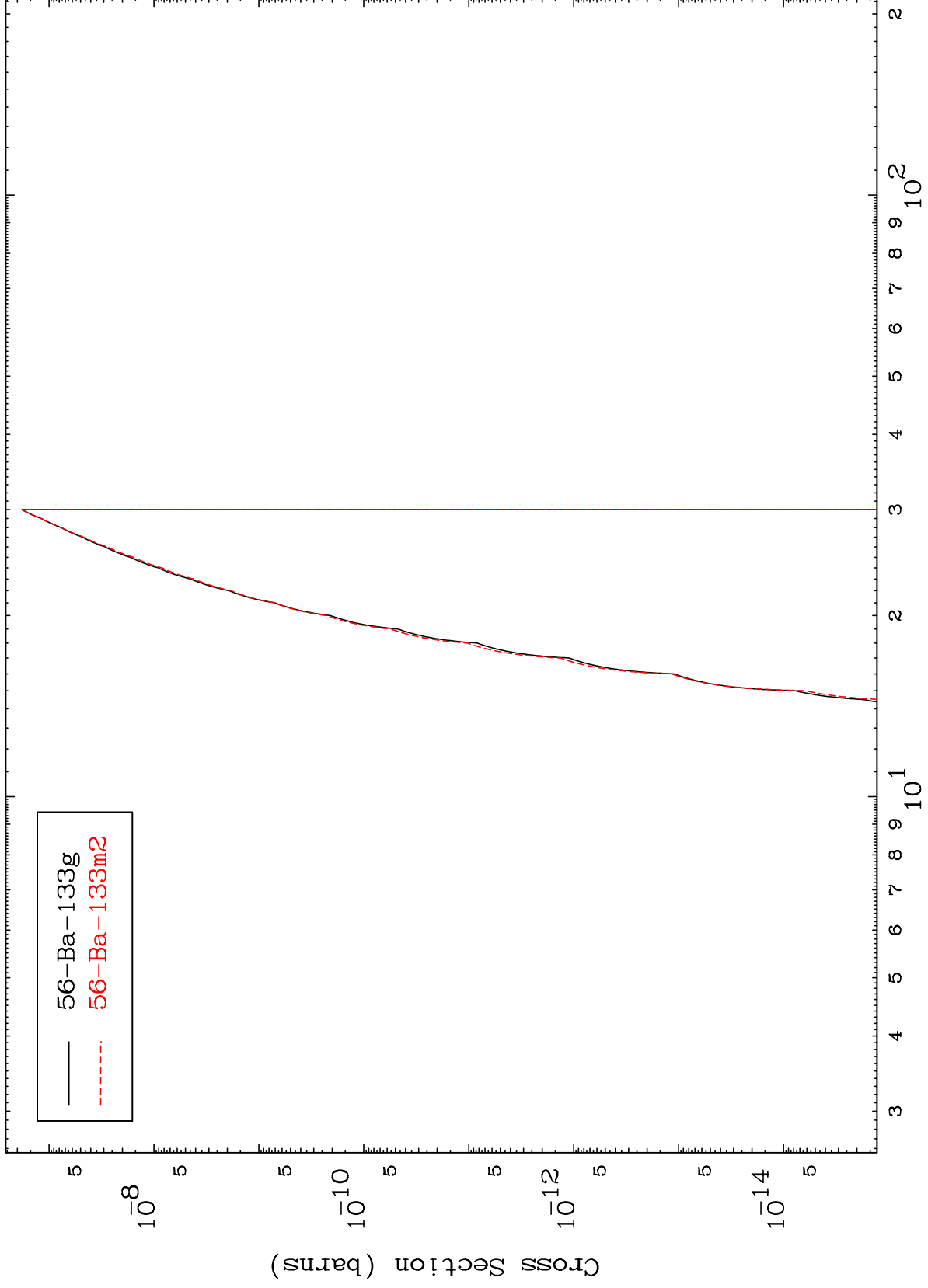
27

MAT 5917

(n,d) α

59-Pr-138m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

59-Pr-138m