

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

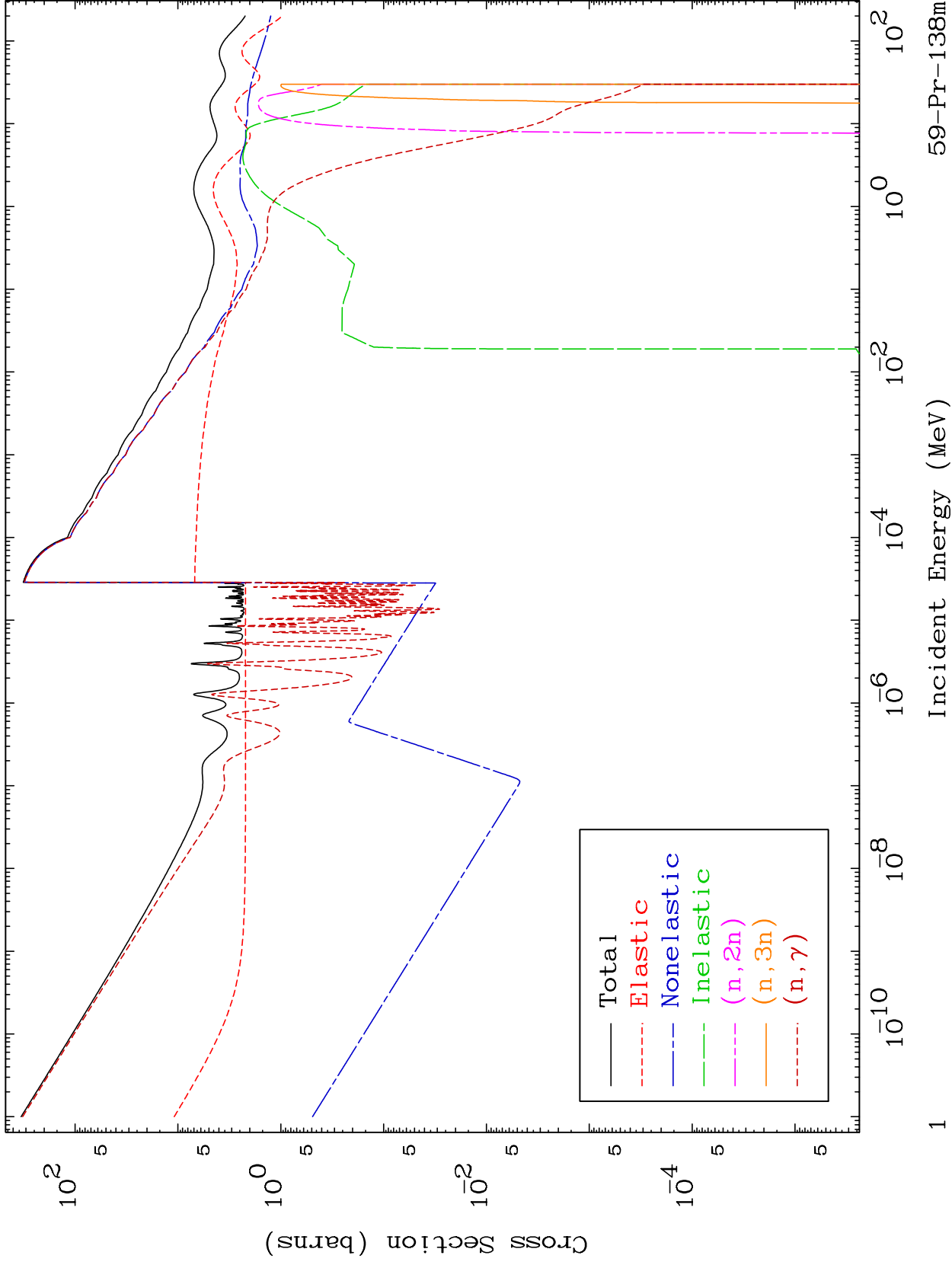
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5917

Neutron Major
293 Kelvin Cross Sections

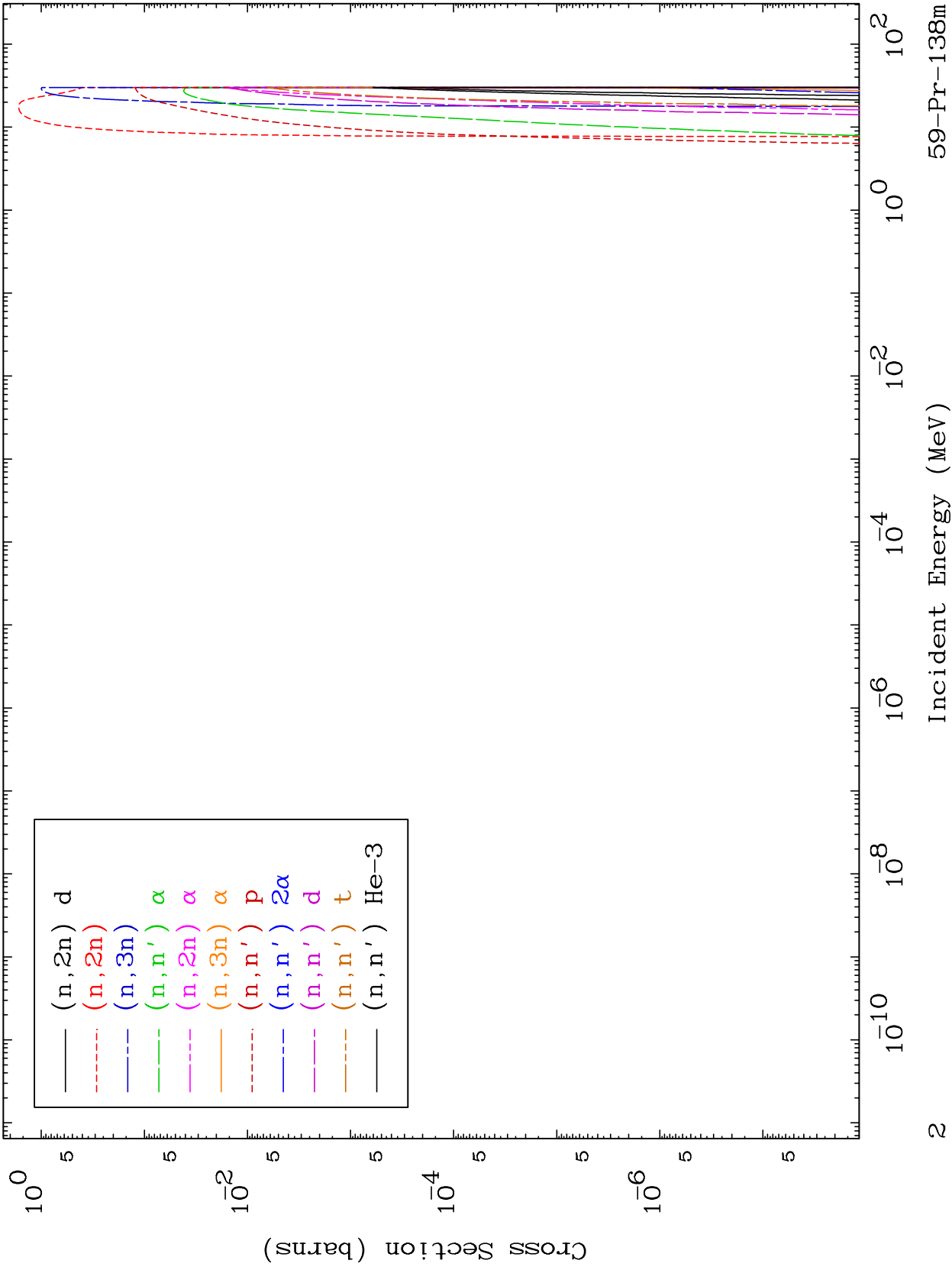
59-Pr-138m



MAT 5917

Neutron Absorption
293 Kelvin Cross Sections

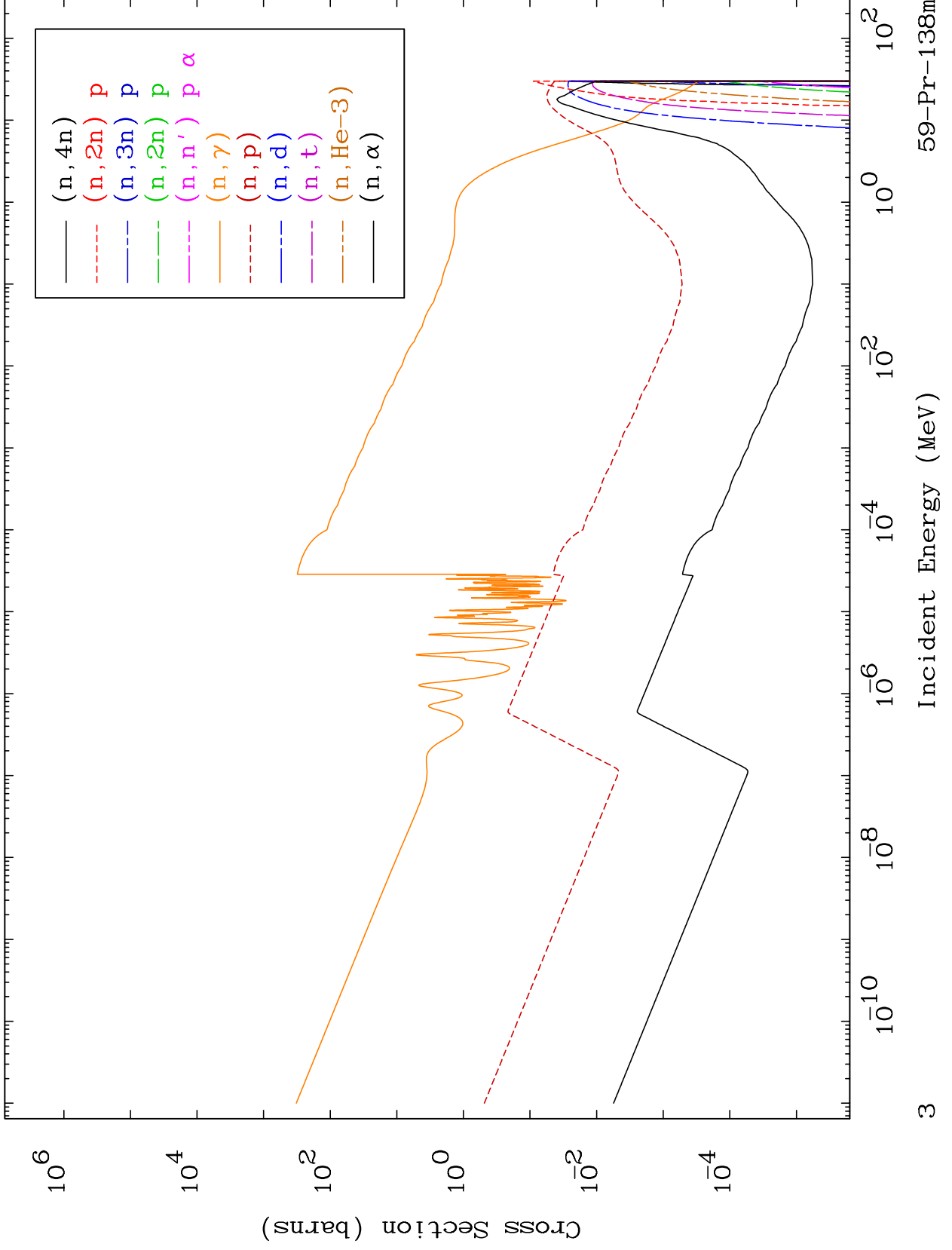
59-Pr-138m



MAT 5917

Neutron Absorption
293 Kelvin Cross Sections

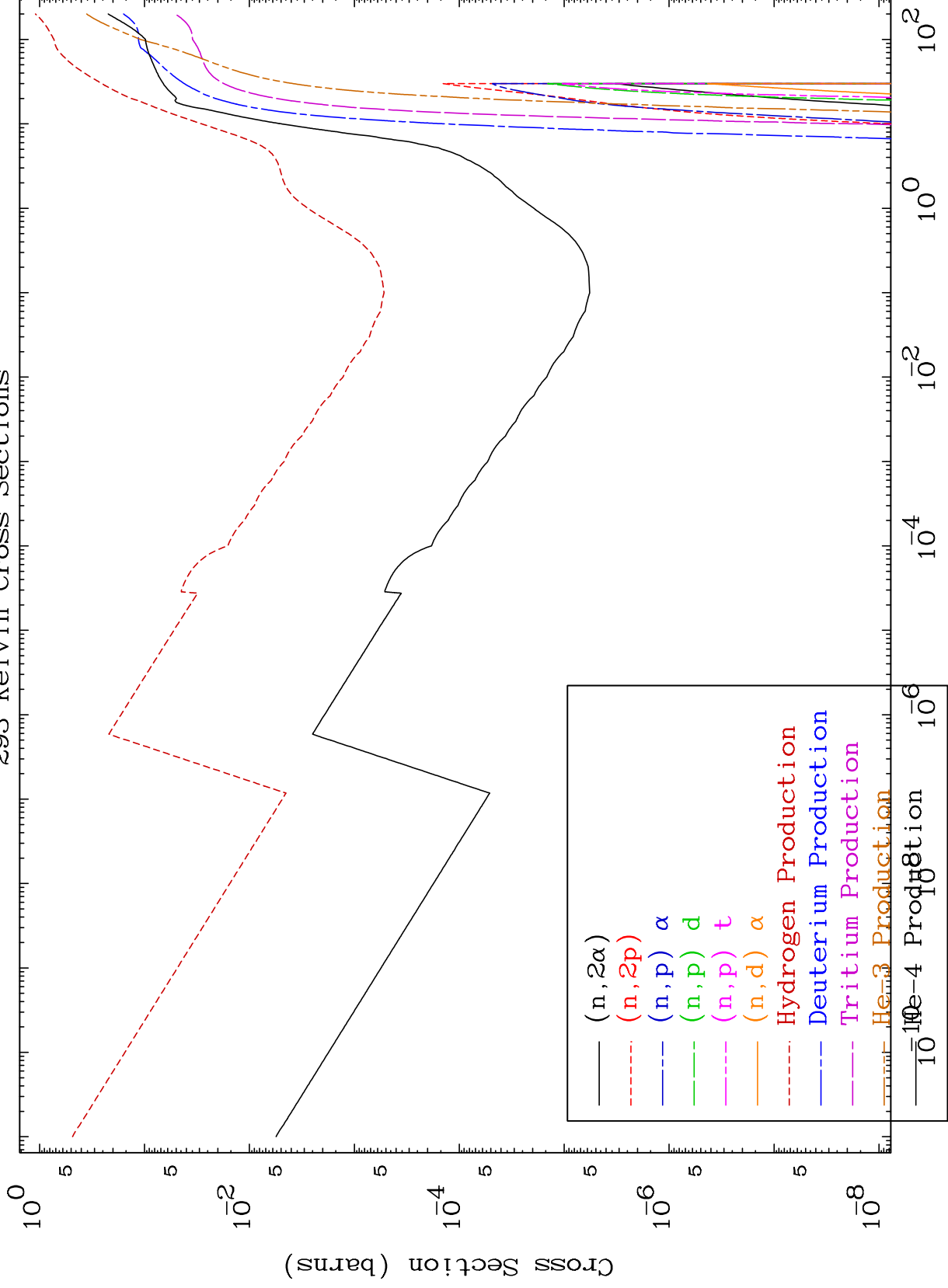
59-Pr-138m



MAT 5917

Neutron Absorption
293 Kelvin Cross Sections

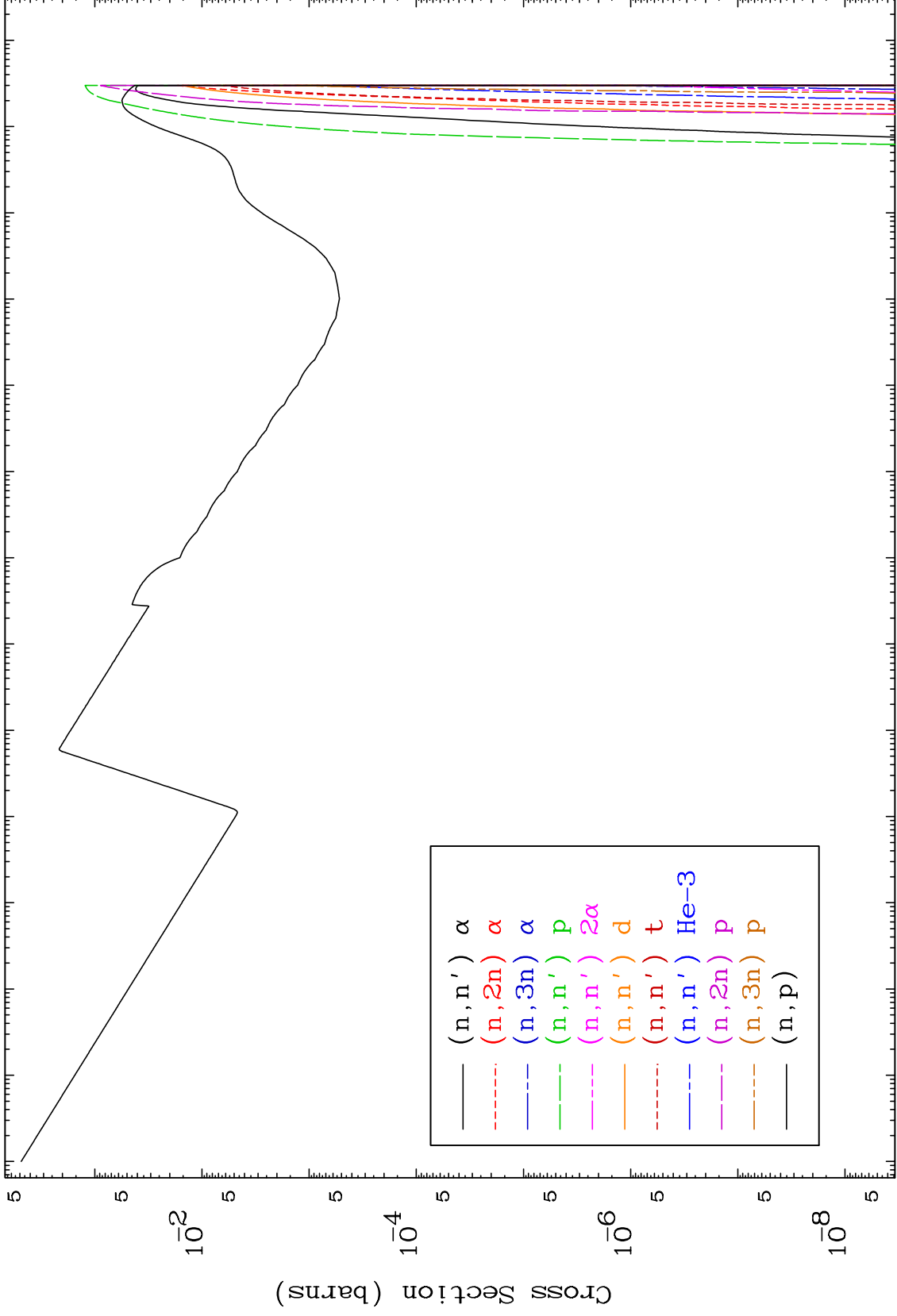
59-Pr-138m



MAT 5917

Charged Particle
293 Kelvin Cross Sections

59-Pr-138m



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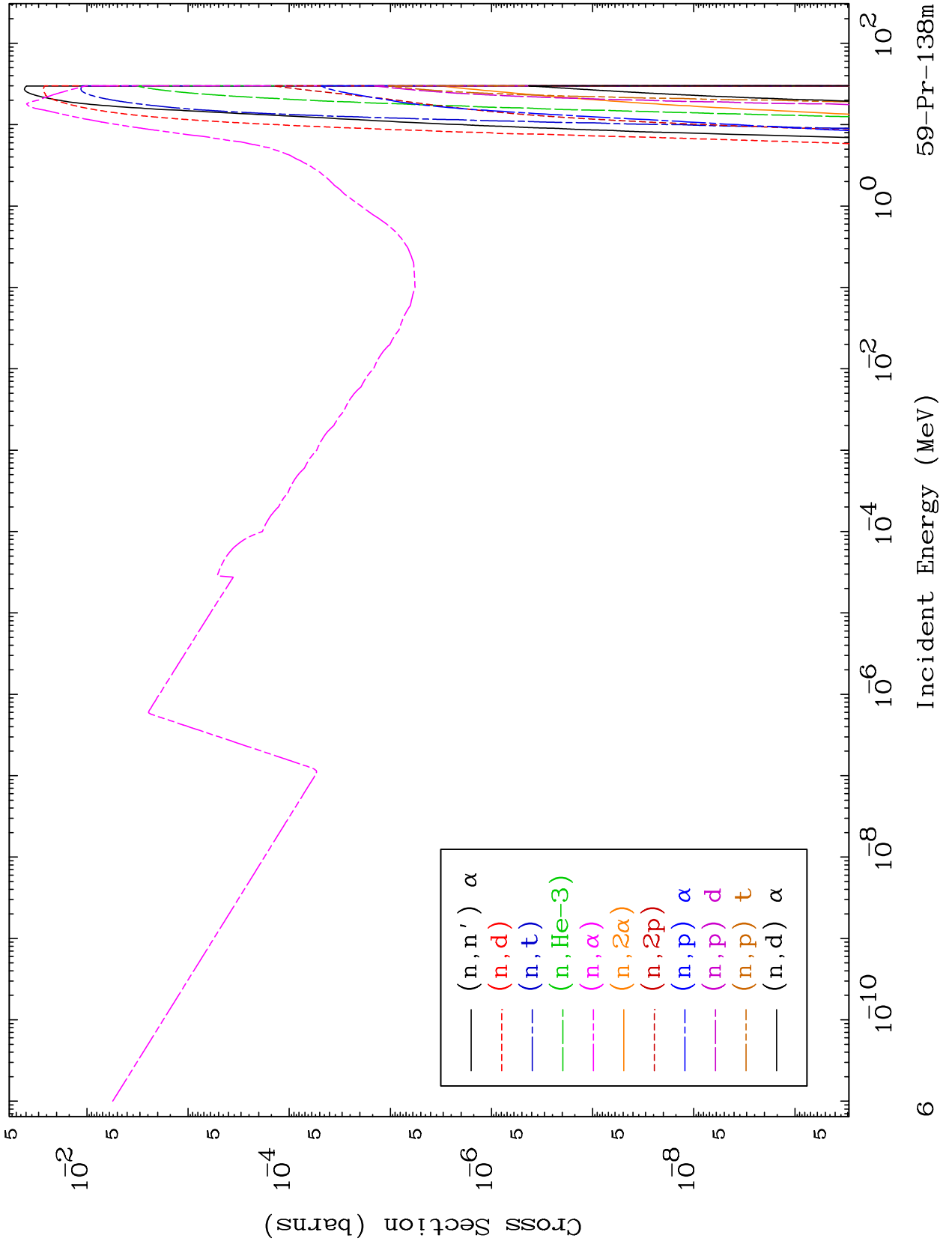
Incident Energy (MeV)

59-Pr-138m

MAT 5917

Charged Particle
293 Kelvin Cross Sections

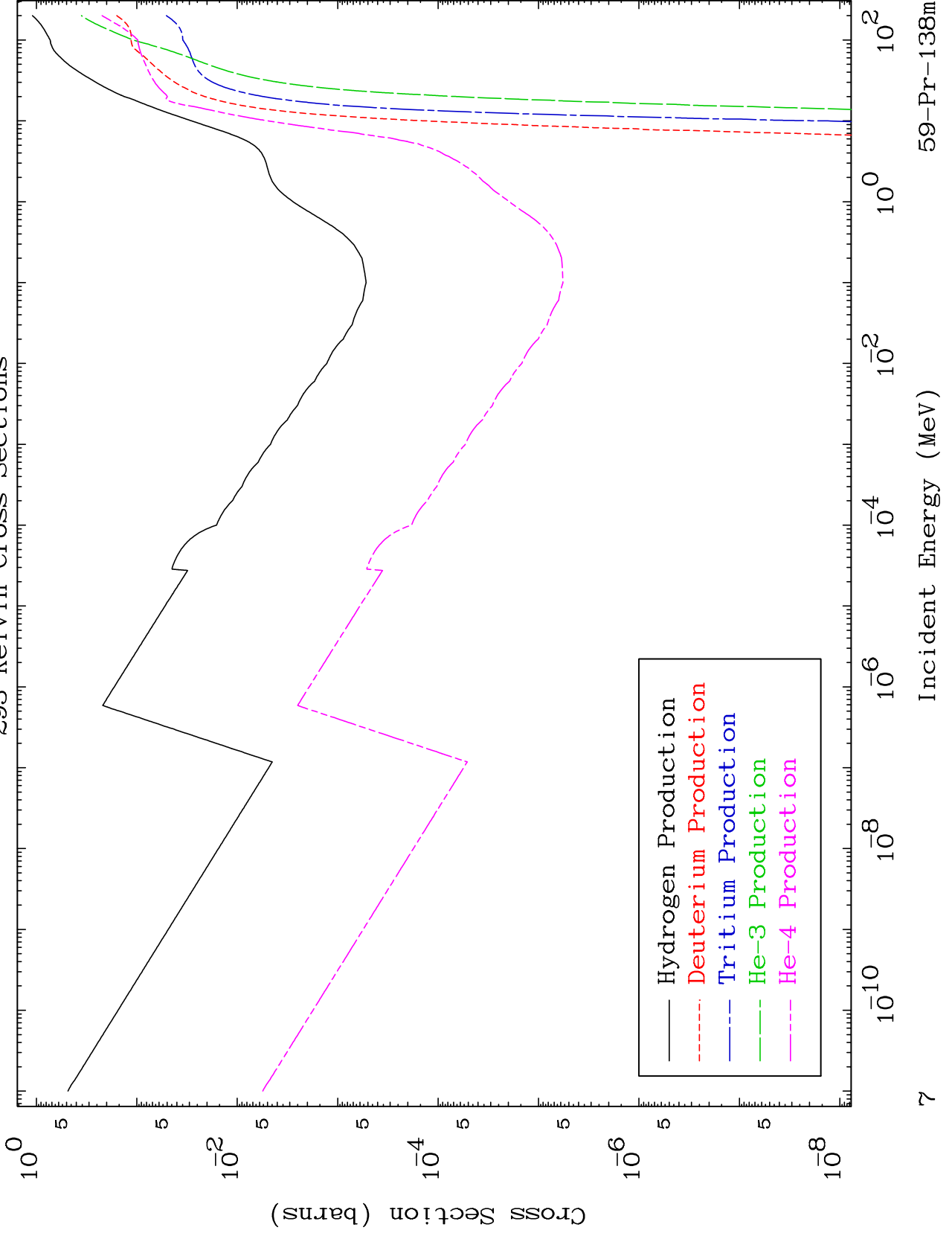
59-Pr-138m



MAT 5917

Particle Production
293 Kelvin Cross Sections

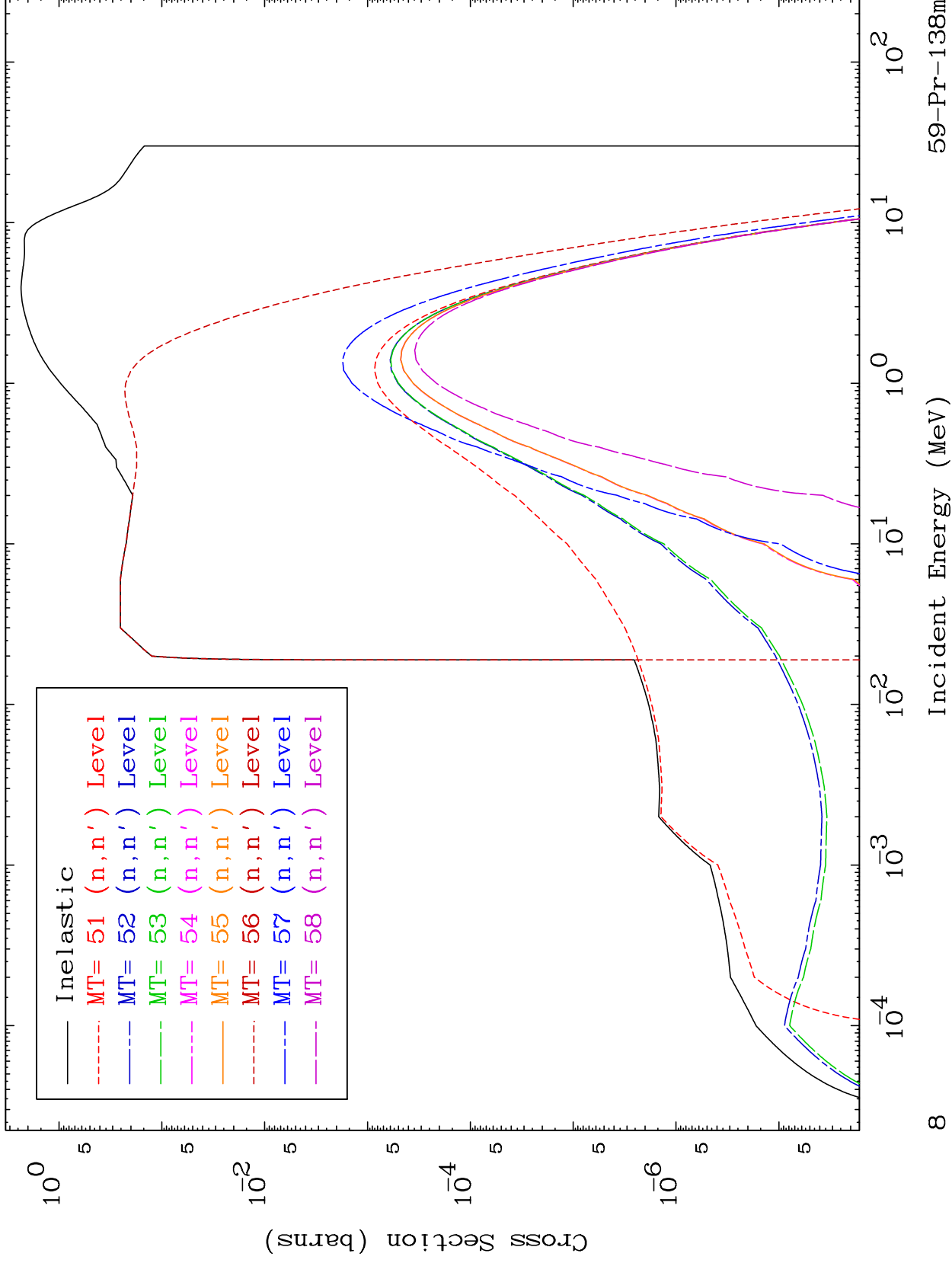
59-Pr-138m



MAT 5917

(n,n') Levels
293 Kelvin Cross Sections

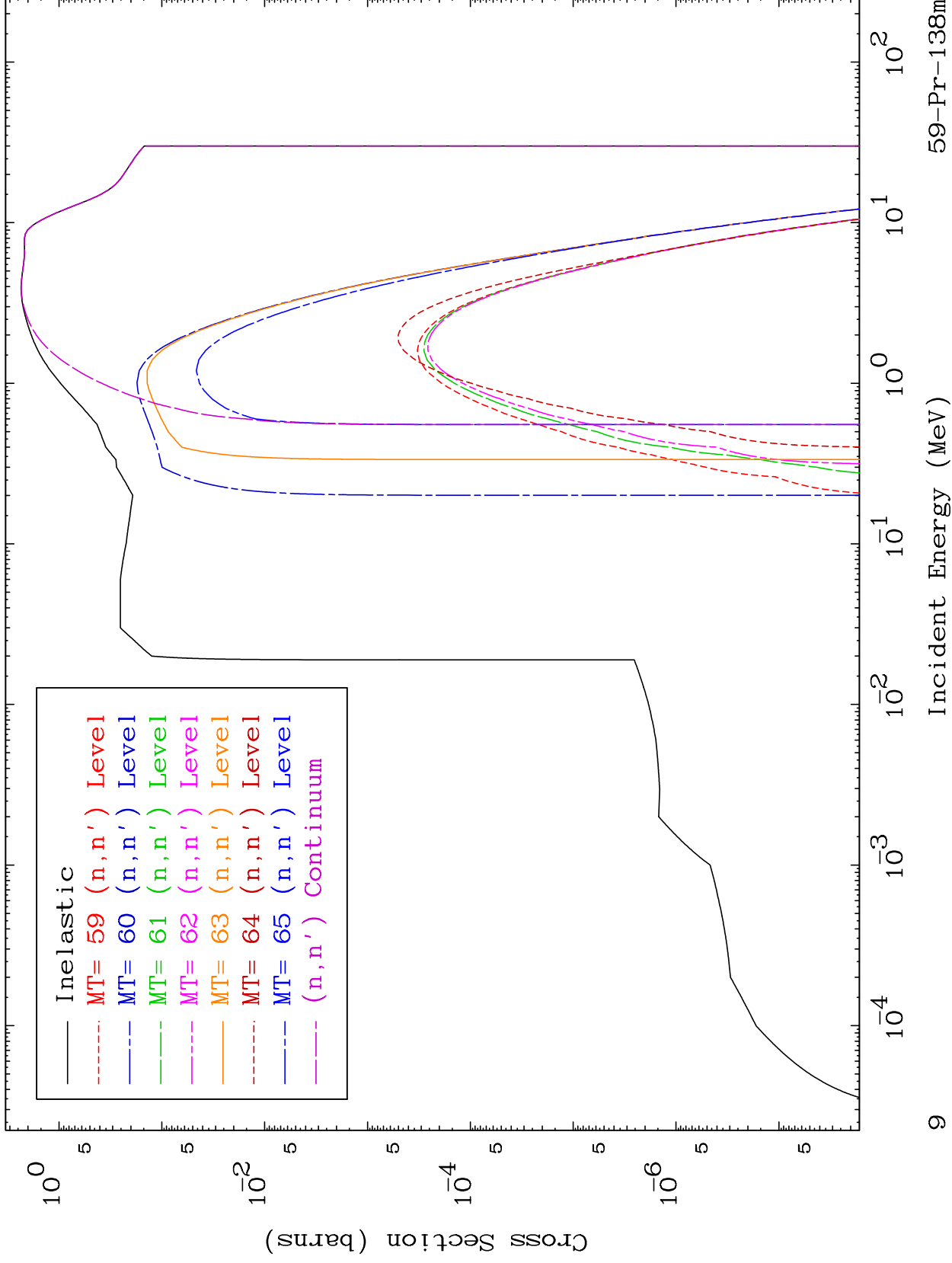
59-Pr-138m



MAT 5917

293 Kelvin Cross Sections
(n,n') Levels

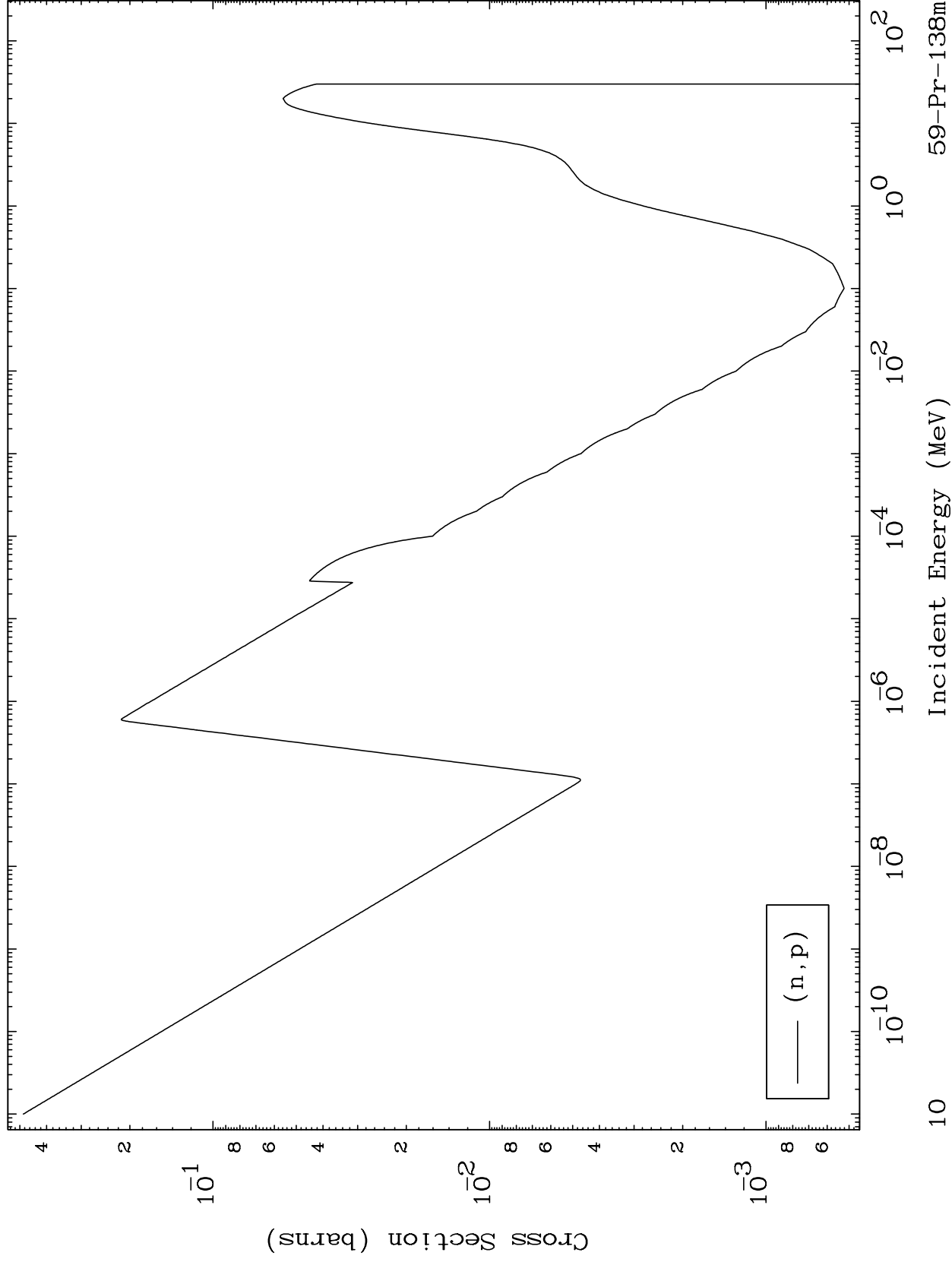
59-Pr-138m



MAT 5917

(n,p) Levels
293 Kelvin Cross Sections

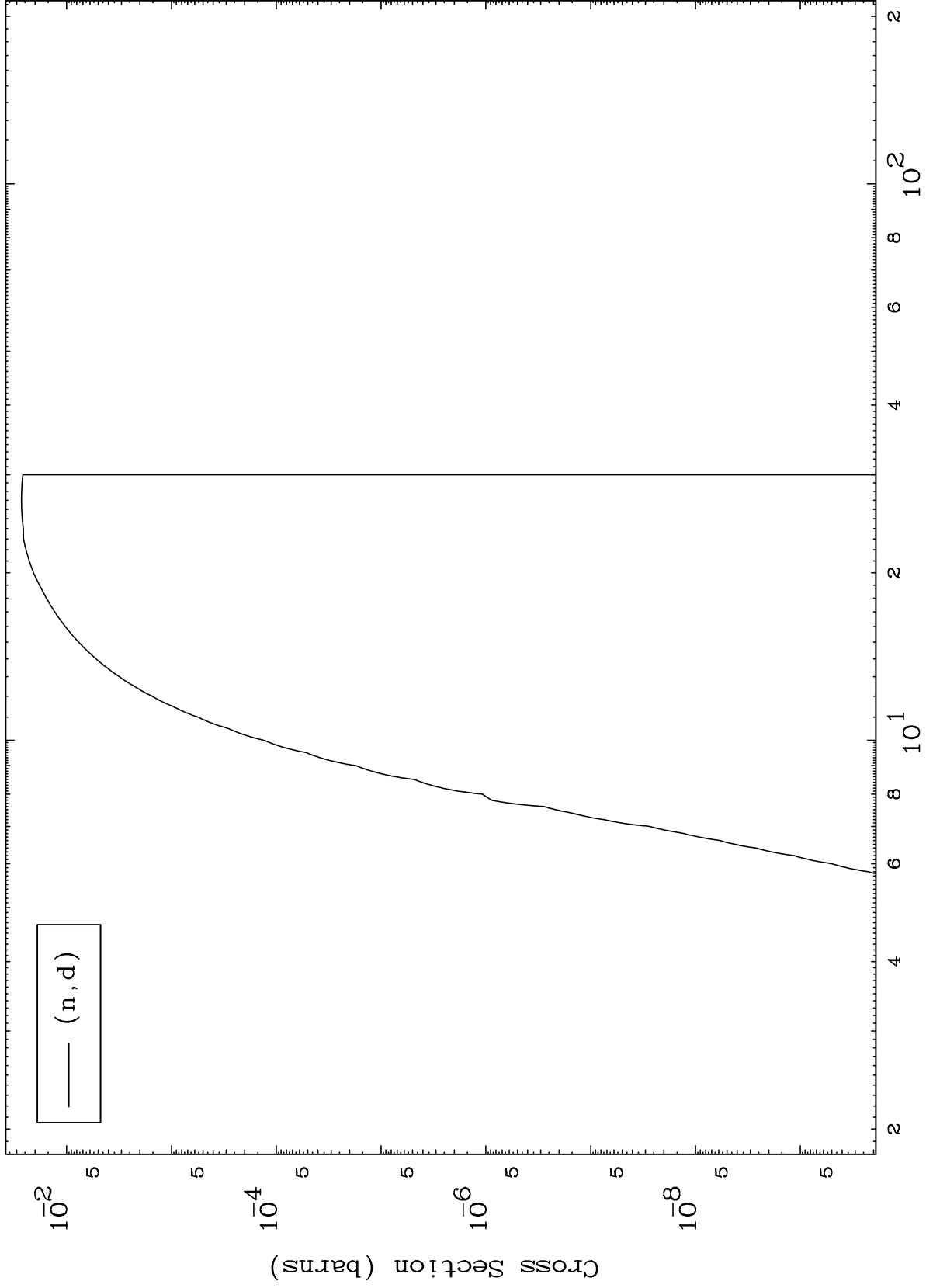
59-Pr-138m



MAT 5917

(n,d) Levels
293 Kelvin Cross Sections

59-Pr-138m



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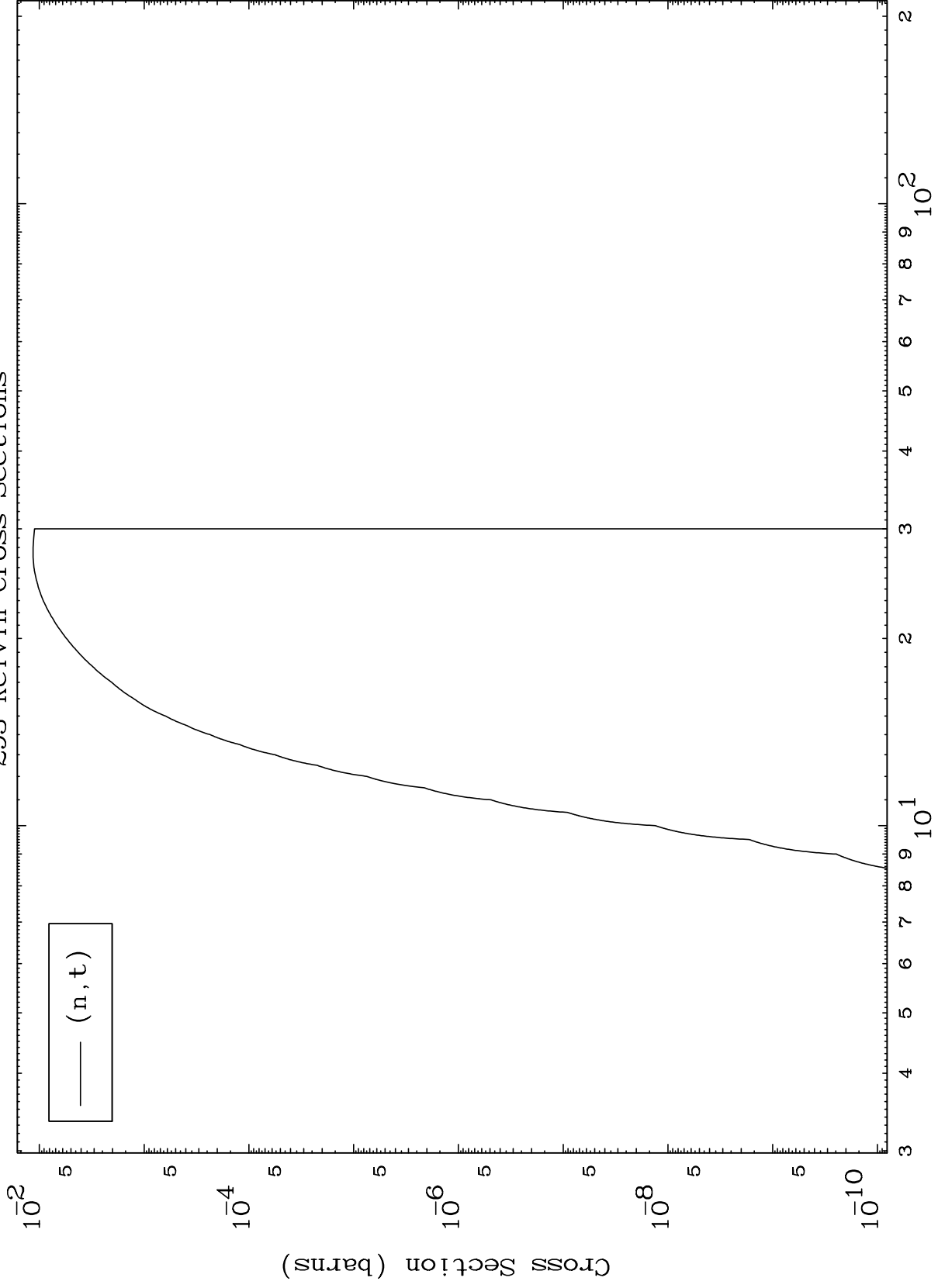
Incident Energy (MeV)

59-Pr-138m

MAT 5917

(n,t) Levels
293 Kelvin Cross Sections

59-Pr-138m



12

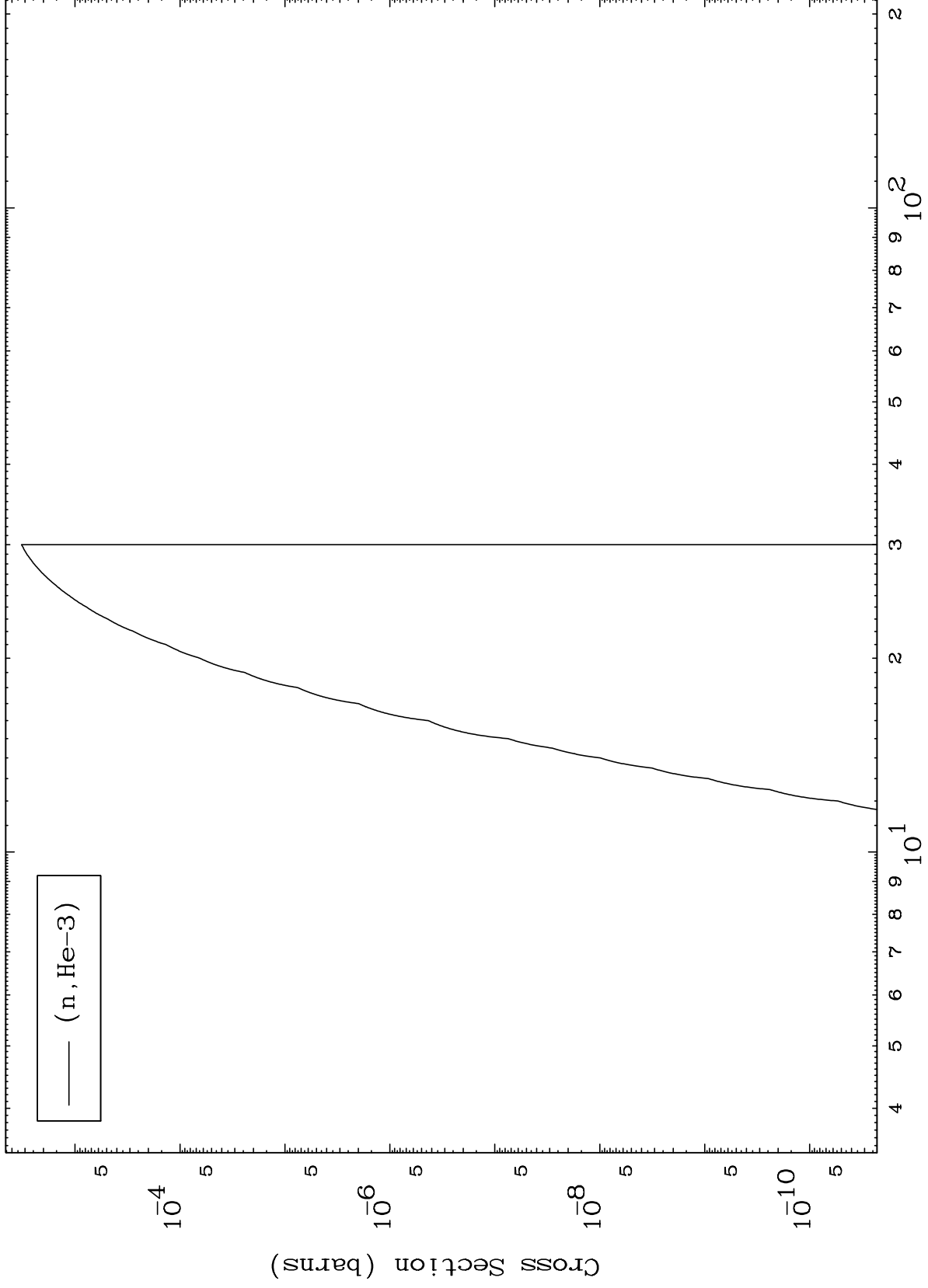
Incident Energy (MeV)

59-Pr-138m

MAT 5917

(n,He3) Levels
293 Kelvin Cross Sections

59-Pr-138m



13

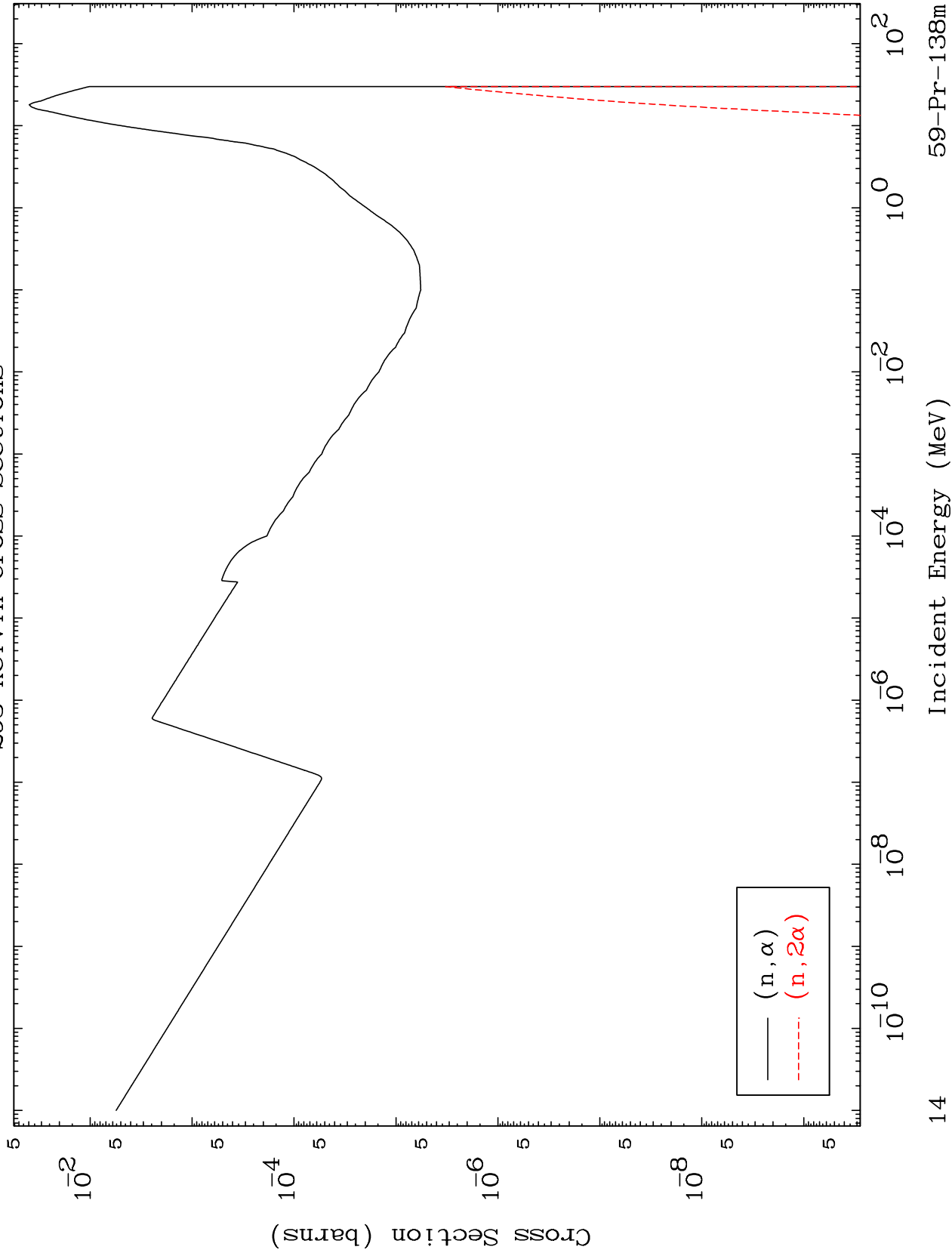
Incident Energy (MeV)

59-Pr-138m

MAT 5917

(n,α) Levels
293 Kelvin Cross Sections

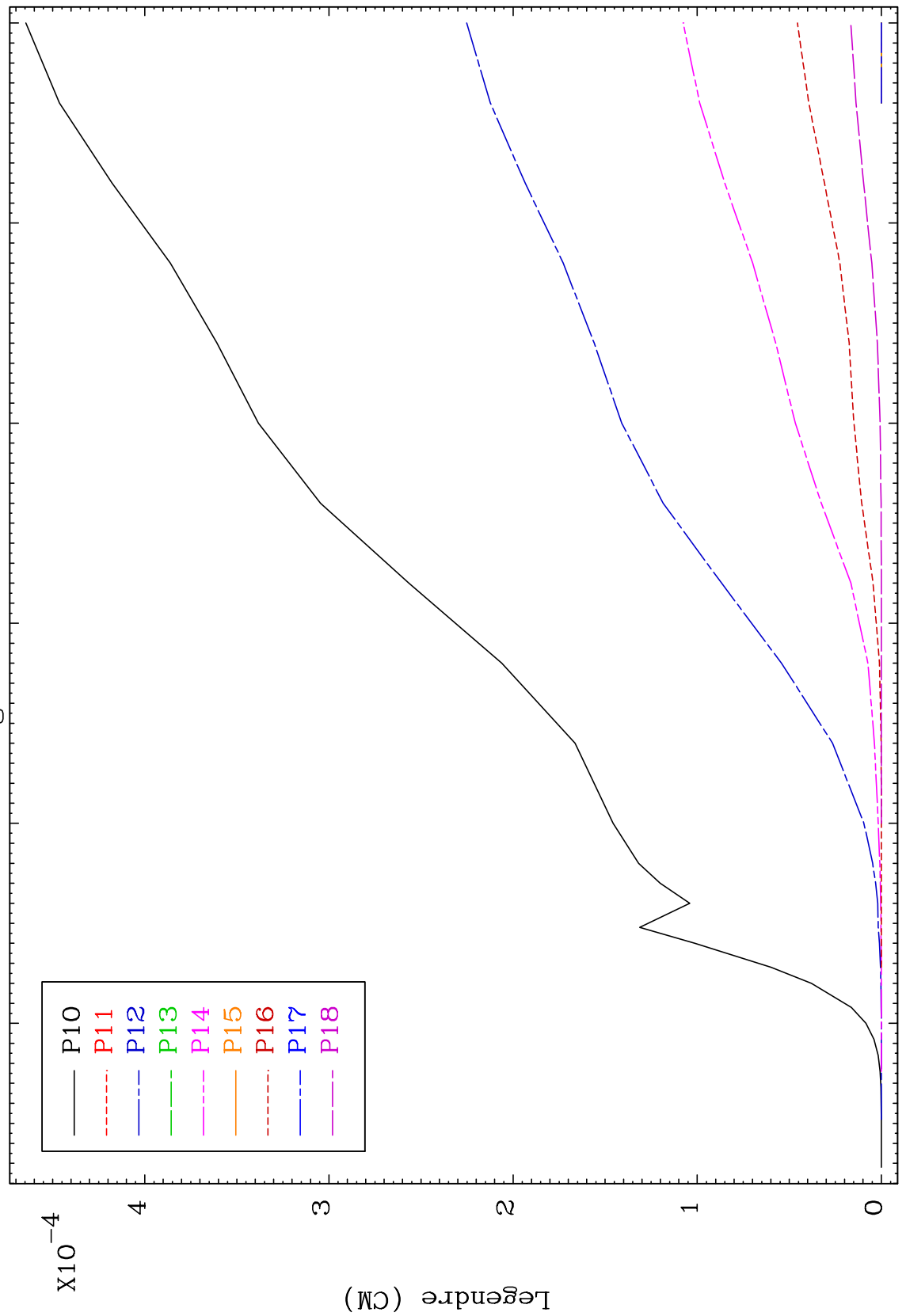
59-Pr-138m



MAT 5917

Elastic Legendre Coefficients

59-Pr-138m



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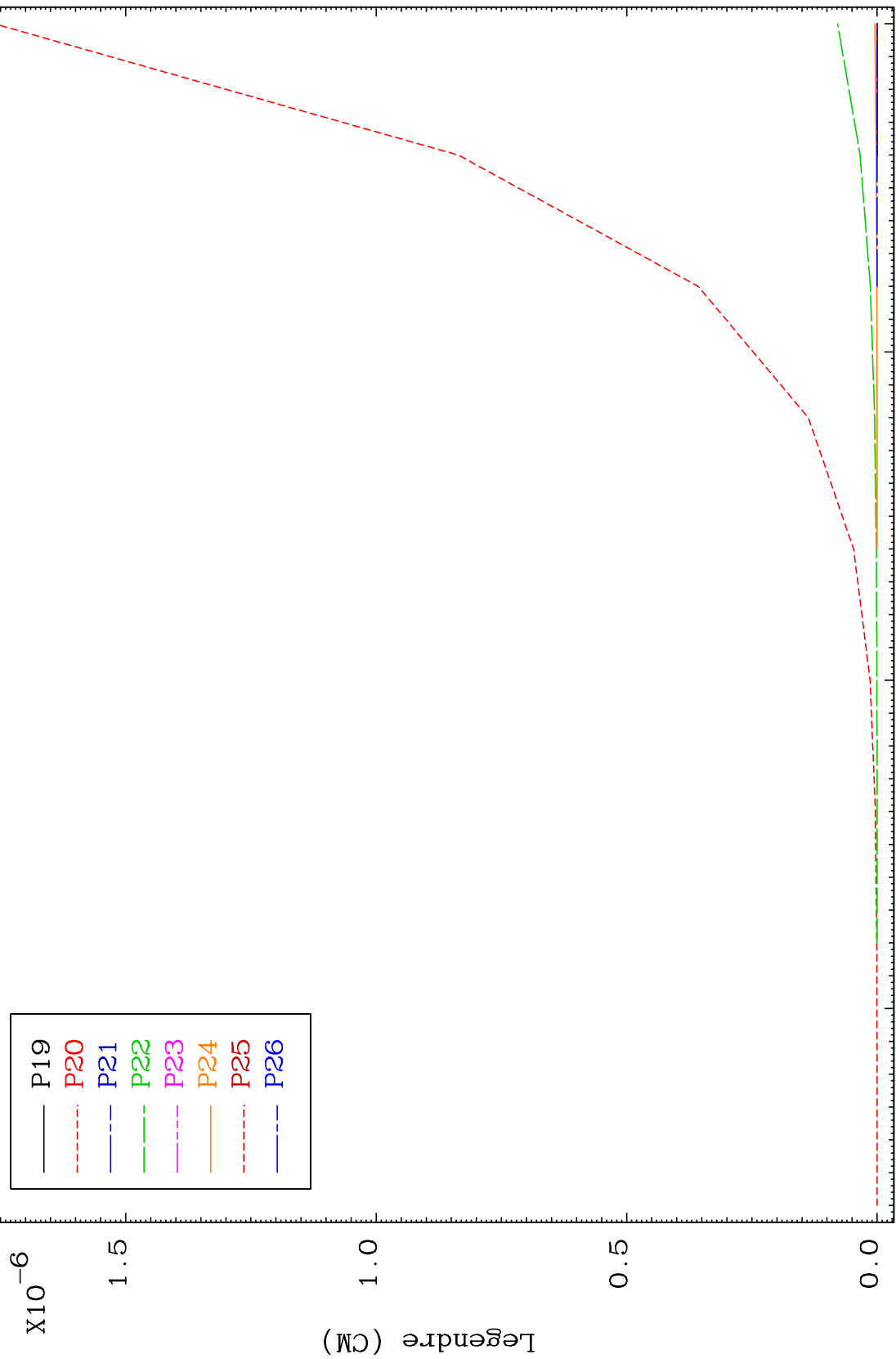
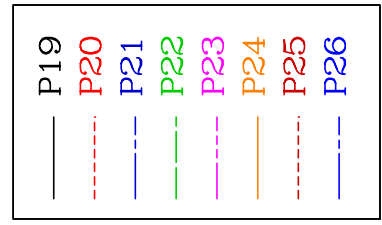
Incident Energy (MeV)

59-Pr-138m

MAT 5917

Elastic
Legendre Coefficients

59-Pr-138m



17

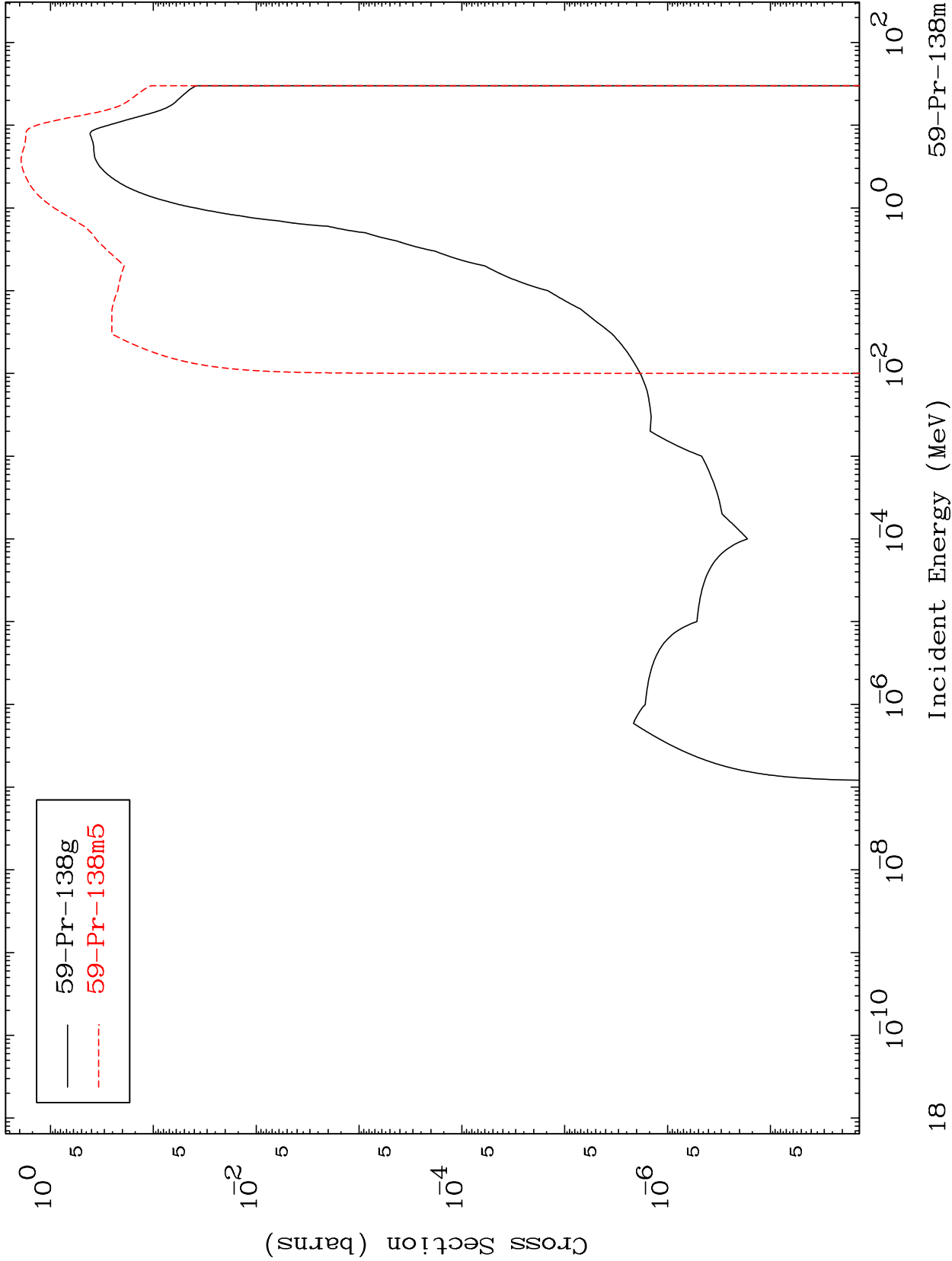
Incident Energy (MeV)

59-Pr-138m

MAT 5917

Inelastic
Radionuclide Production Cross Section

59-Pr-138m

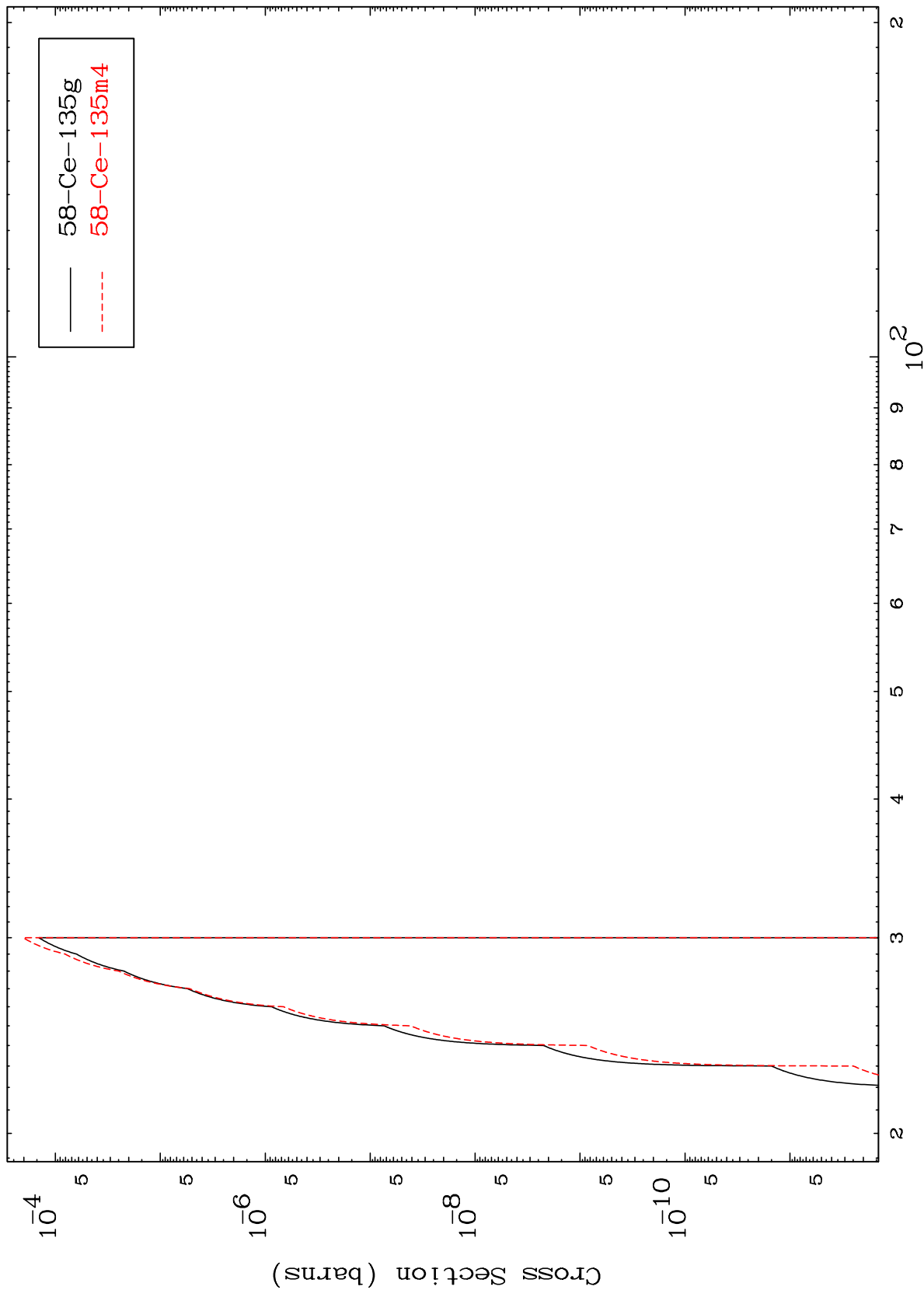


MAT 5917

(n,2n) d

59-Pr-138m

Radionuclide Production Cross Section



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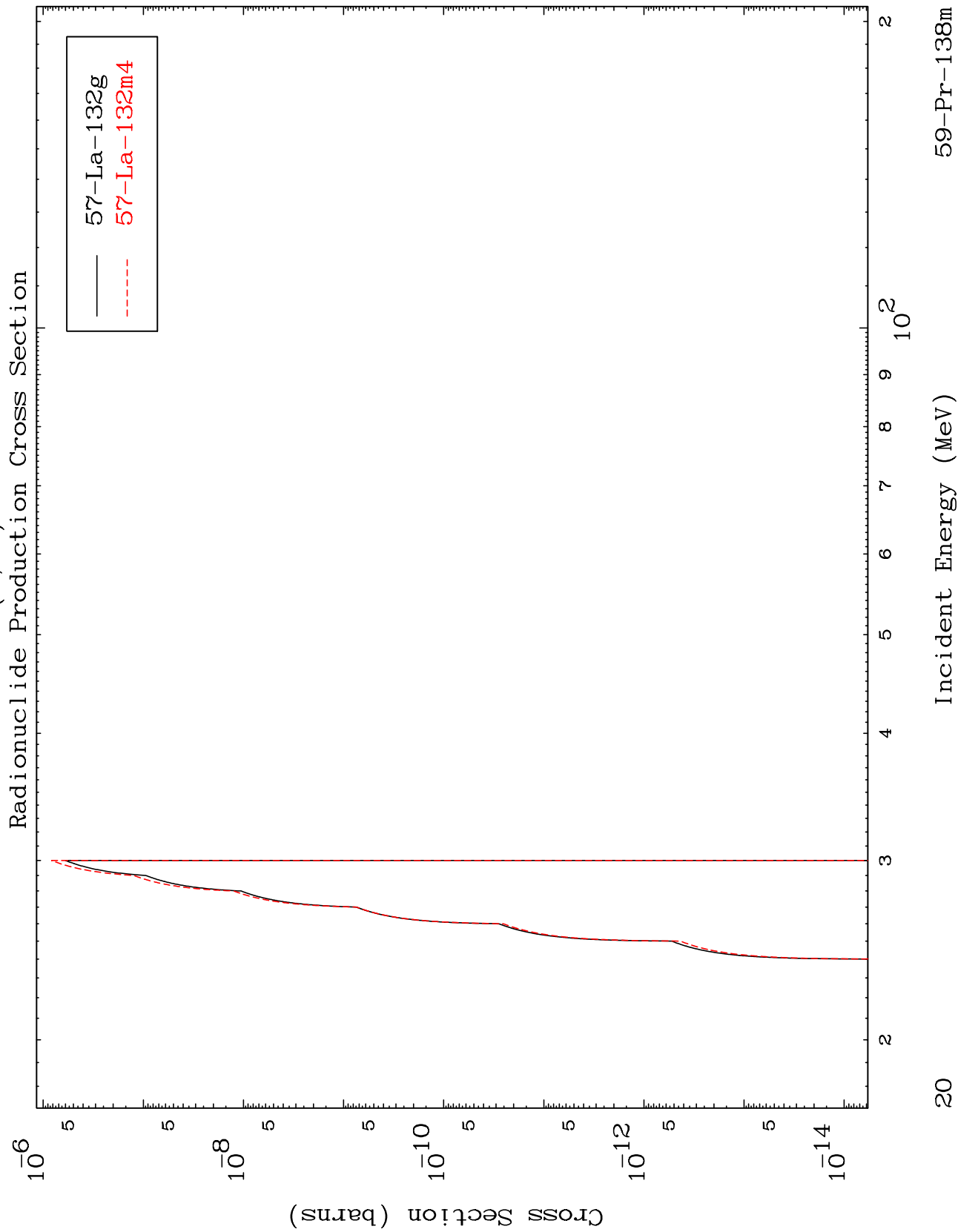
Incident Energy (MeV)

59-Pr-138m

MAT 5917

(n,3n) α

59-Pr-138m



20

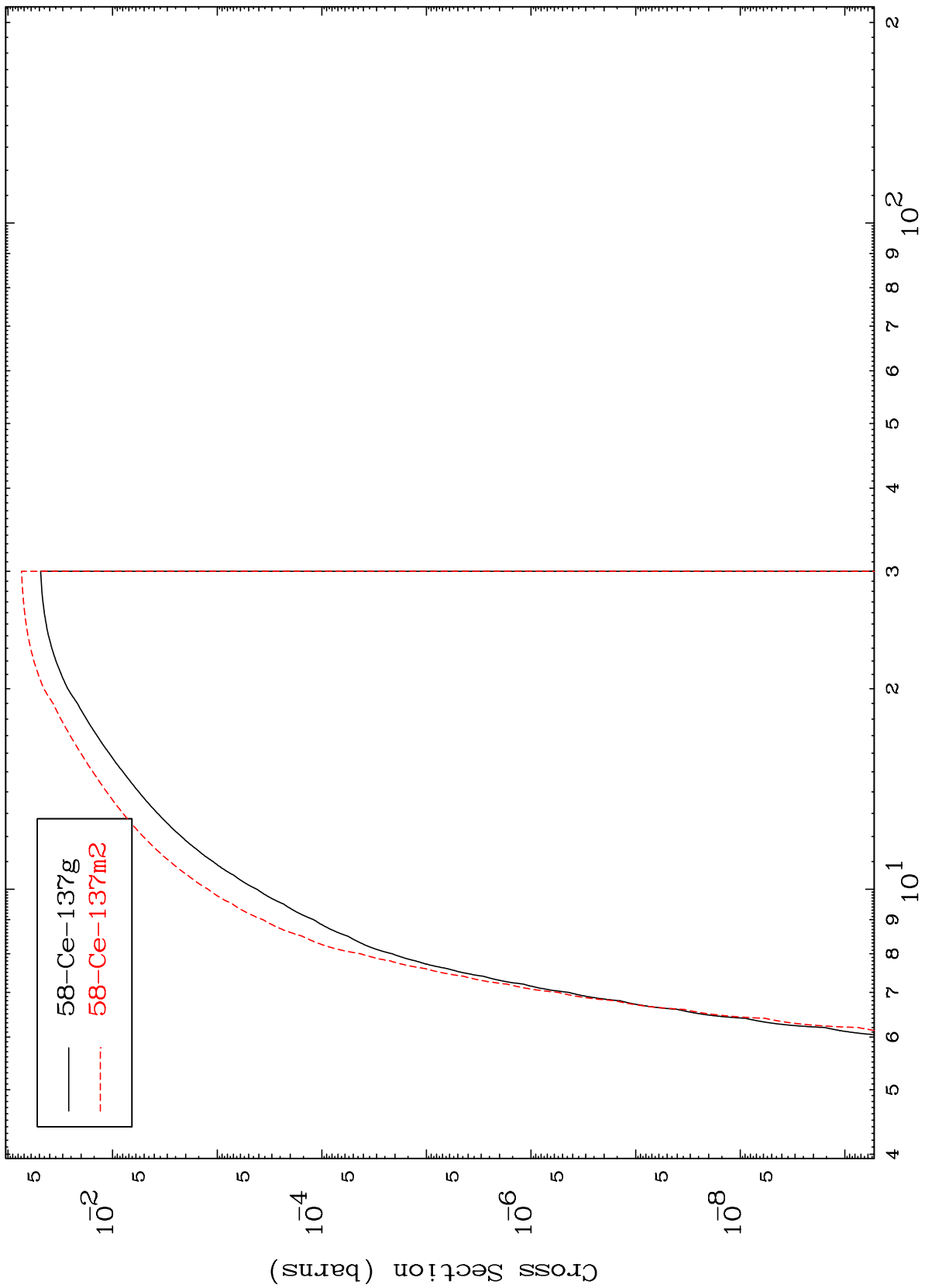
59-Pr-138m

MAT 5917

(n,n') p

59-Pr-138m

Radionuclide Production Cross Section



58-Ce-137g
58-Ce-137m2

21

Incident Energy (MeV)

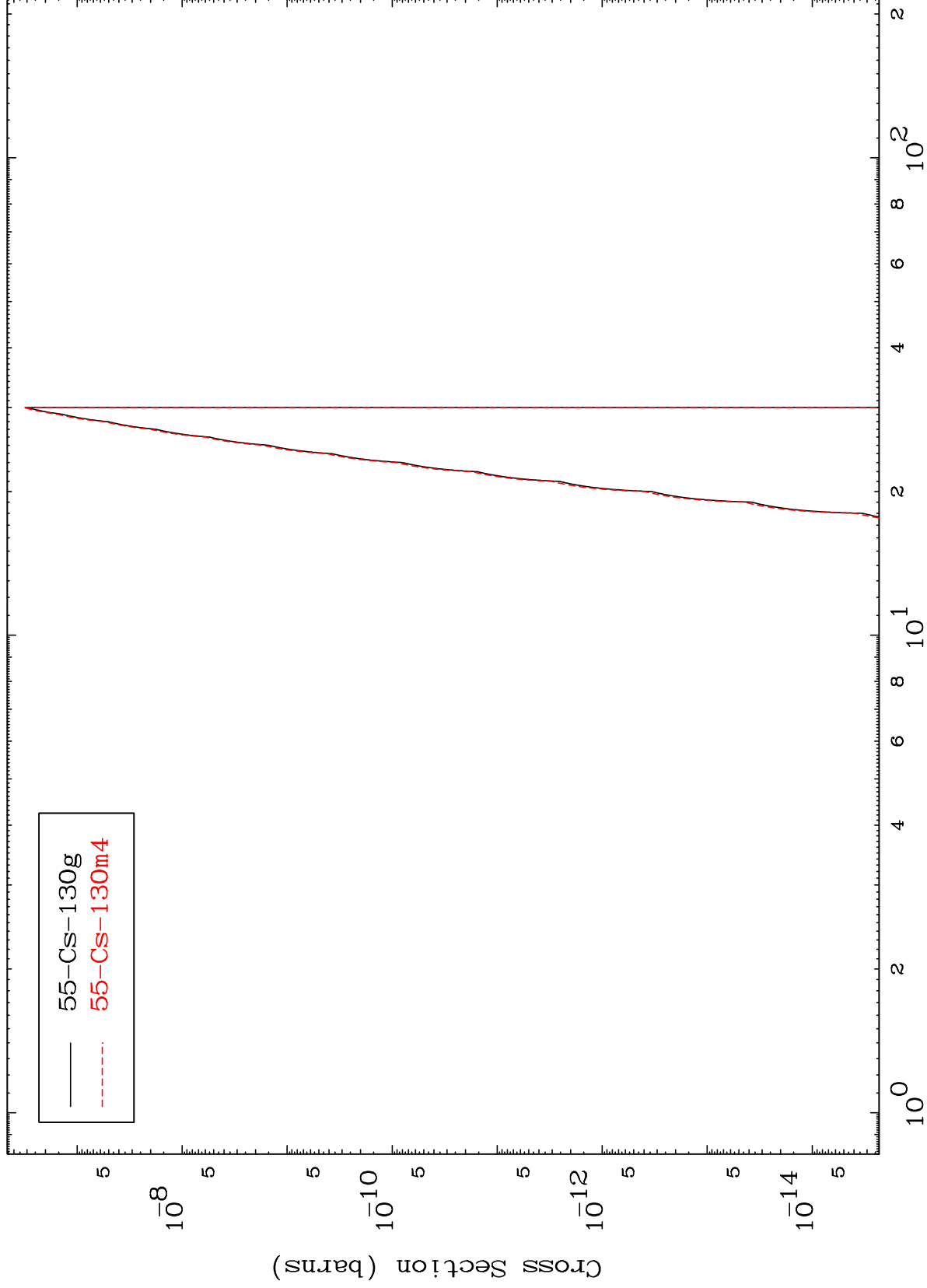
59-Pr-138m

MAT 5917

(n,n') 2α

59-Pr-138m

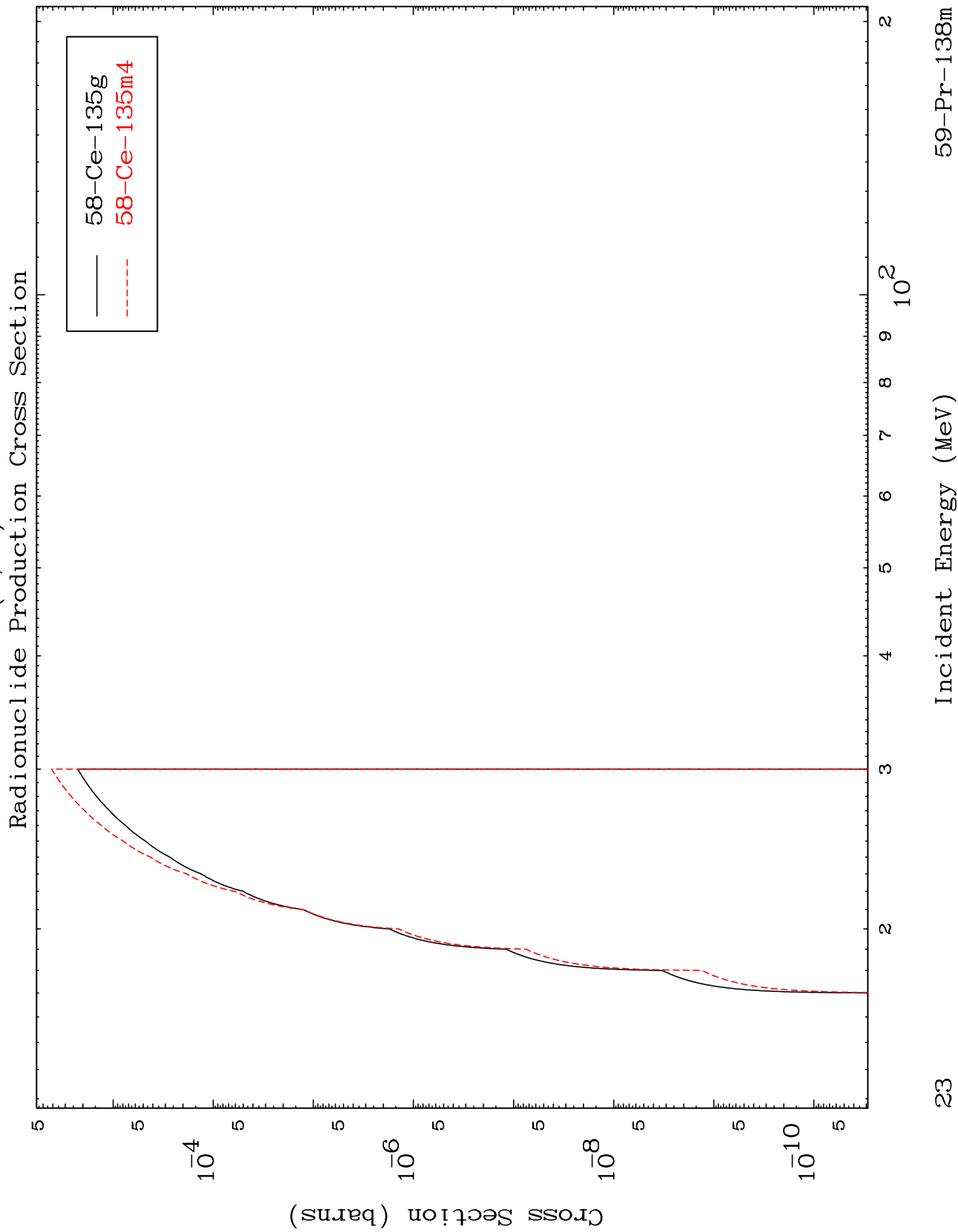
Radionuclide Production Cross Section



22

Incident Energy (MeV)

59-Pr-138m

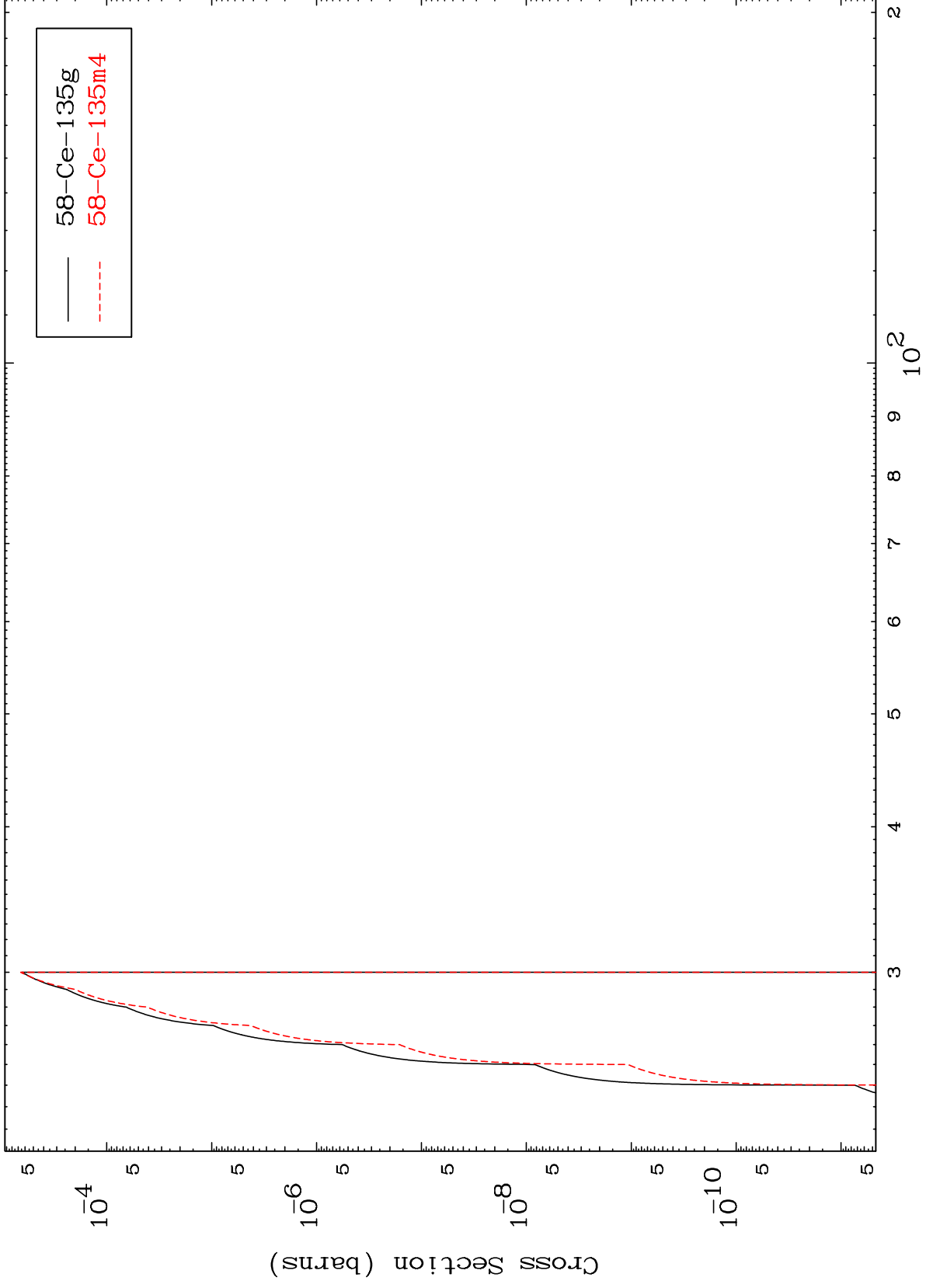


MAT 5917

(n,3n) p

59-Pr-138m

Radionuclide Production Cross Section



24

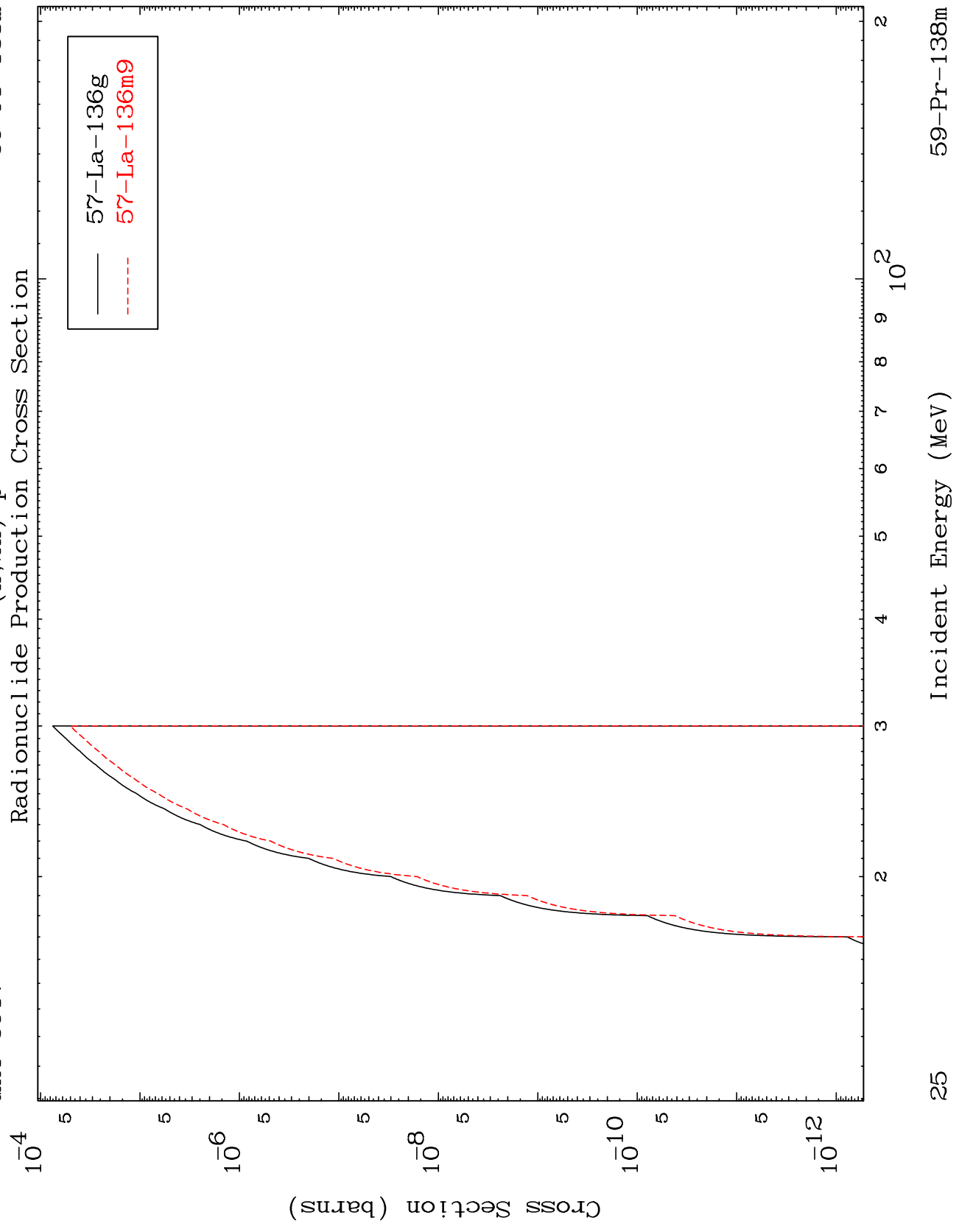
Incident Energy (MeV)

59-Pr-138m

MAT 5917

(n,2n) p

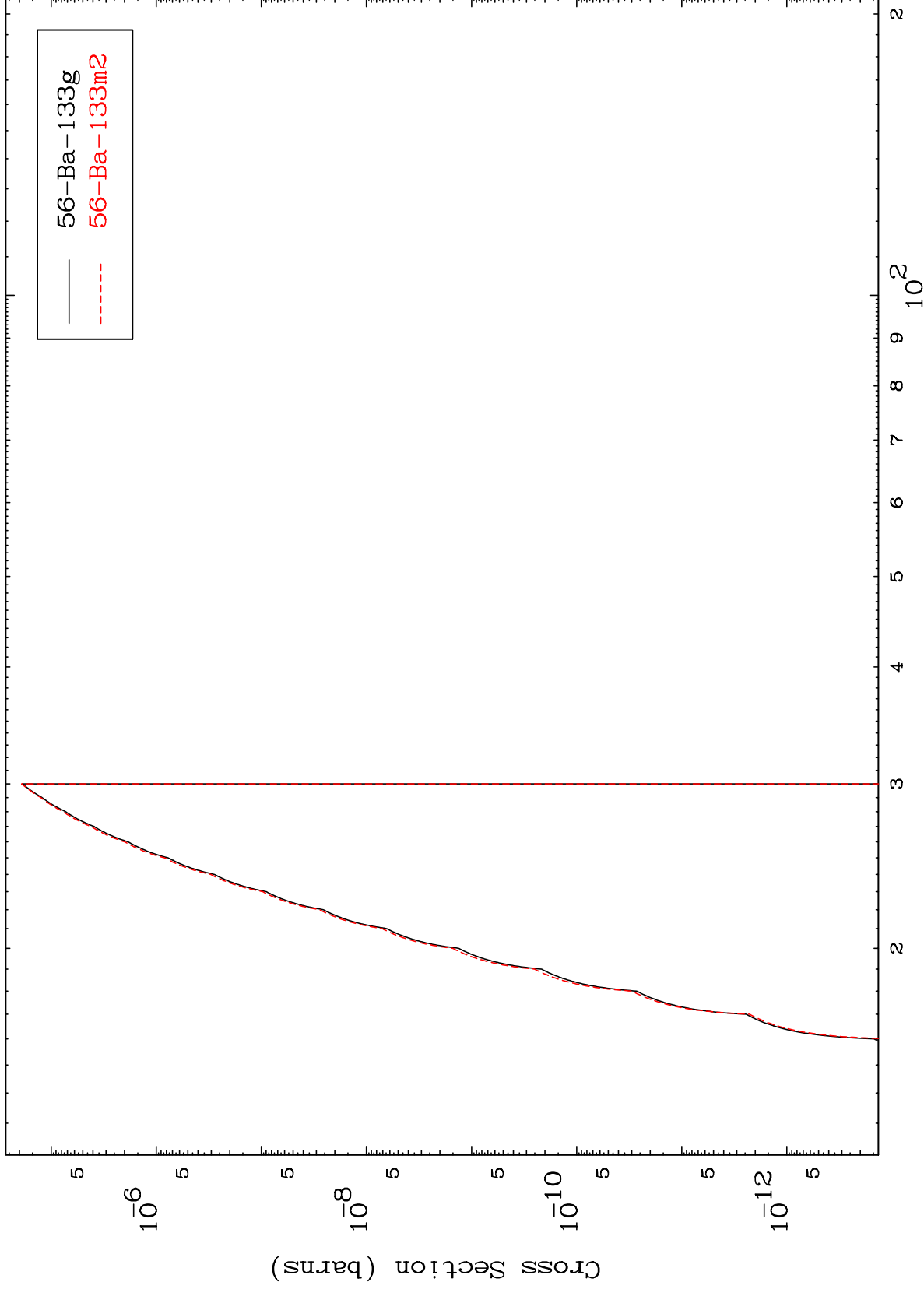
59-Pr-138m



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59-Pr-138m

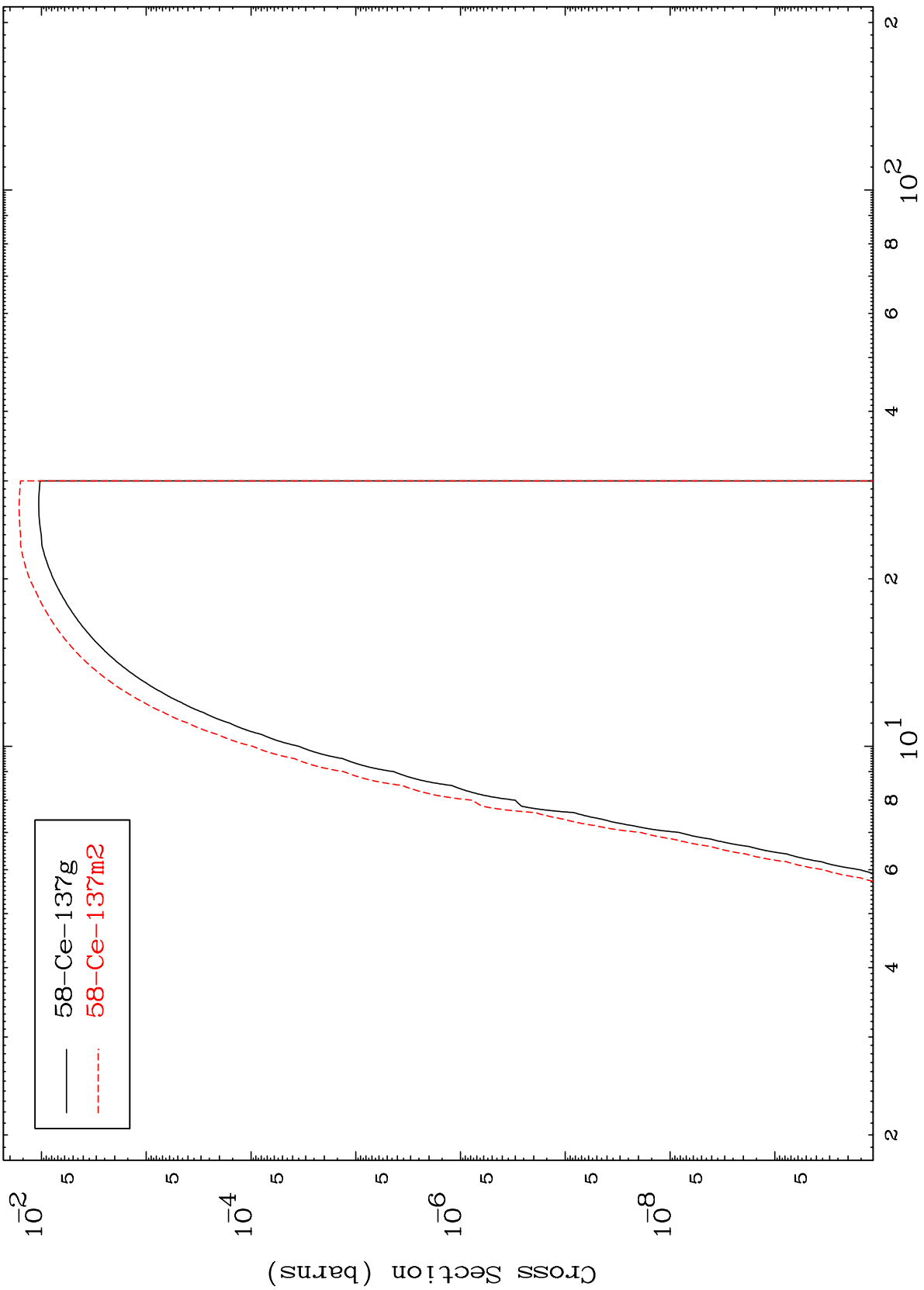
Radionuclide Production Cross Section



MAT 5917

59-Pr-138m

(n,d)
Radionuclide Production Cross Section



27

59-Pr-138m

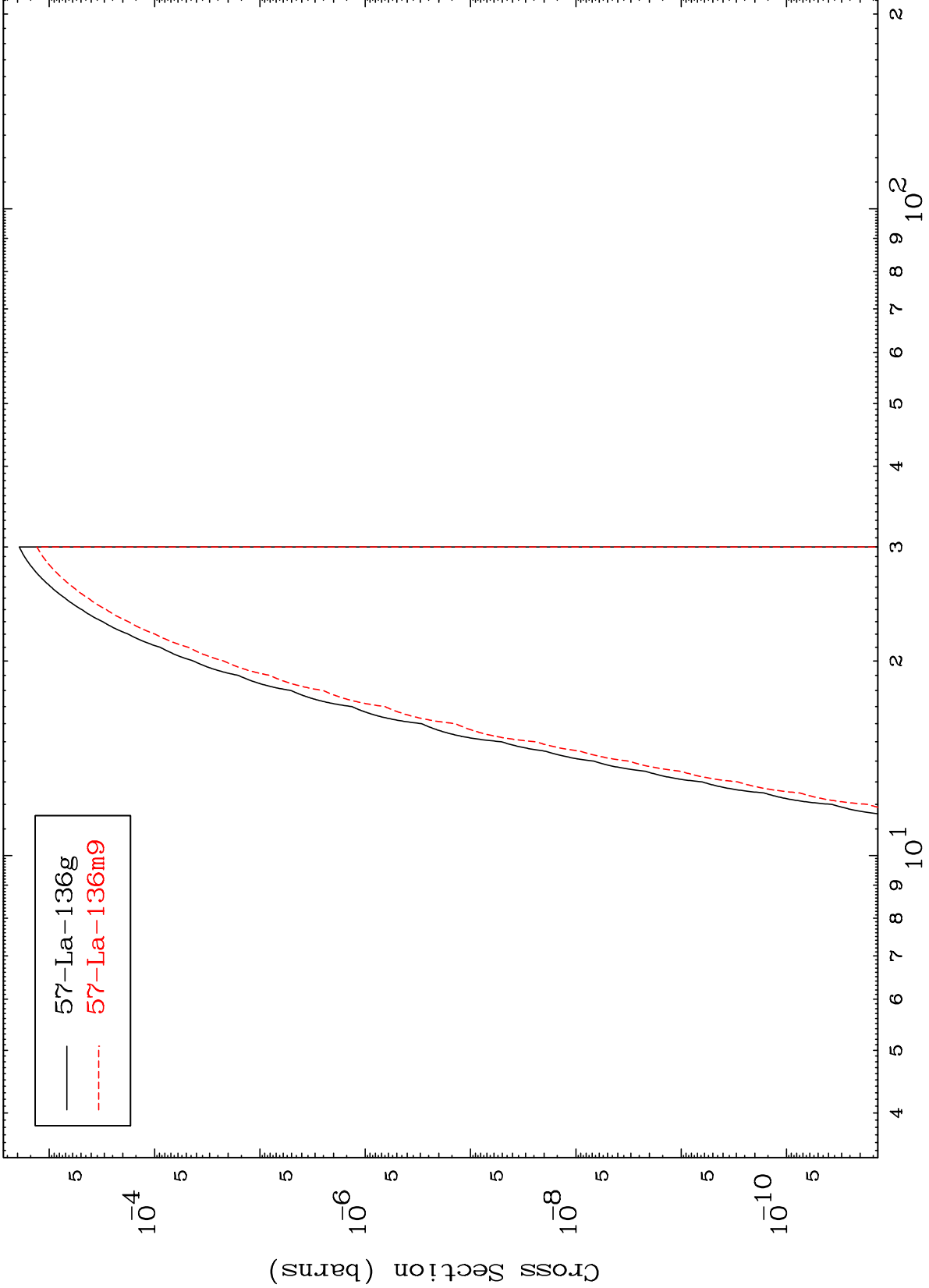
Incident Energy (MeV)

MAT 5917

(n,He-3)

59-Pr-138m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

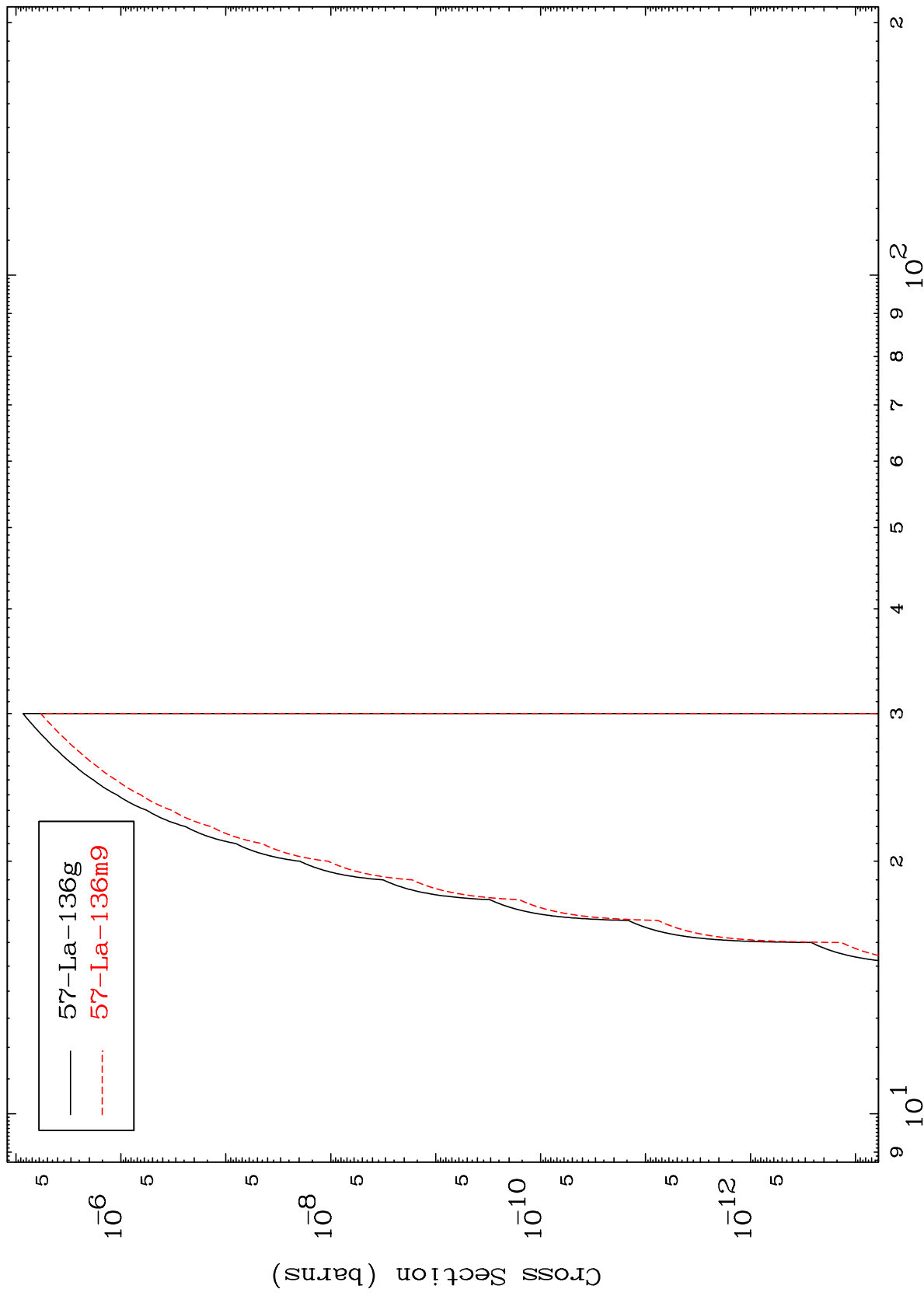
59-Pr-138m

MAT 5917

(n,p) d

59-Pr-138m

Radionuclide Production Cross Section



29

Incident Energy (MeV)

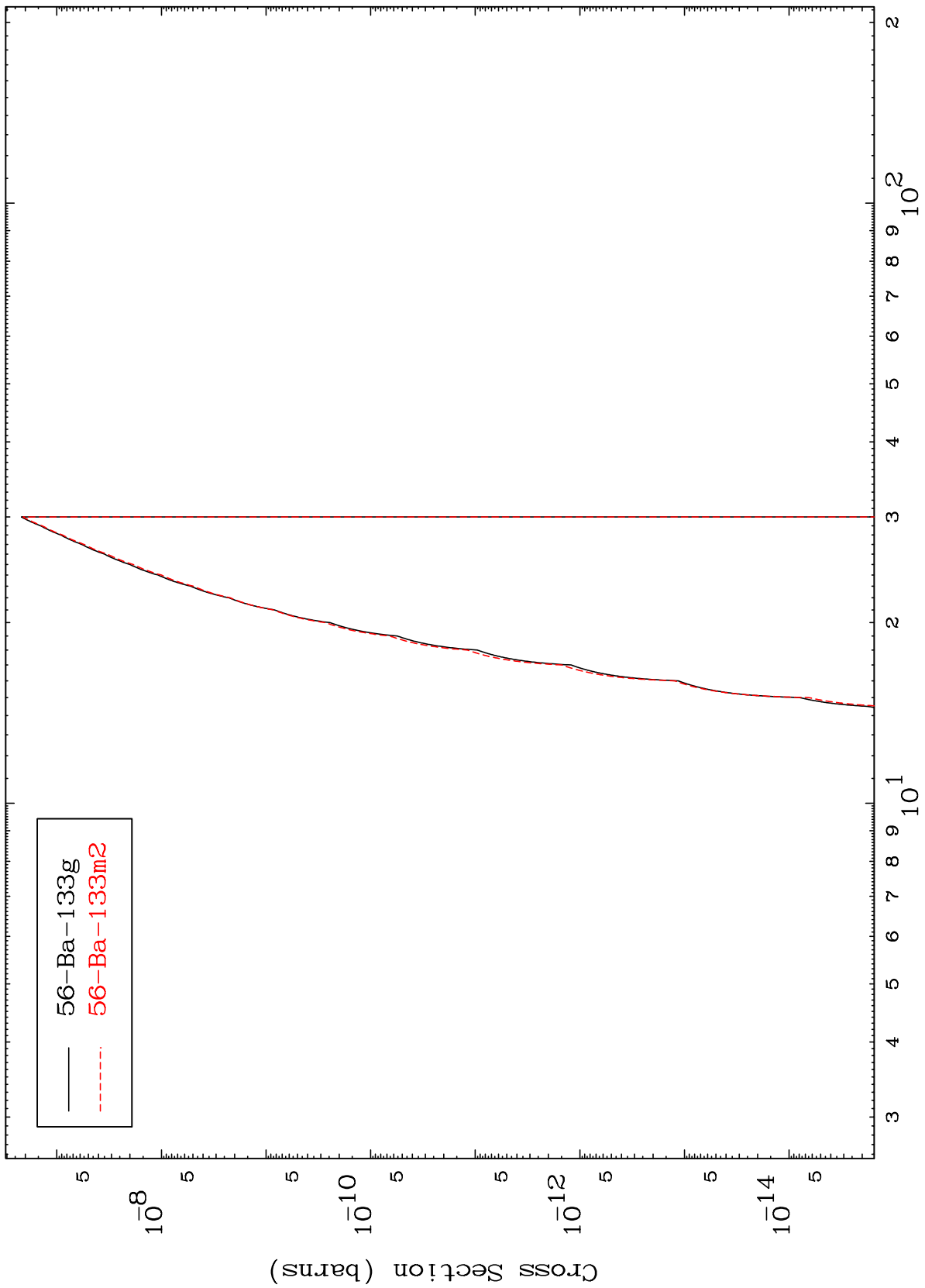
59-Pr-138m

MAT 5917

(n,d) α

59-Pr-138m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

59-Pr-138m