

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

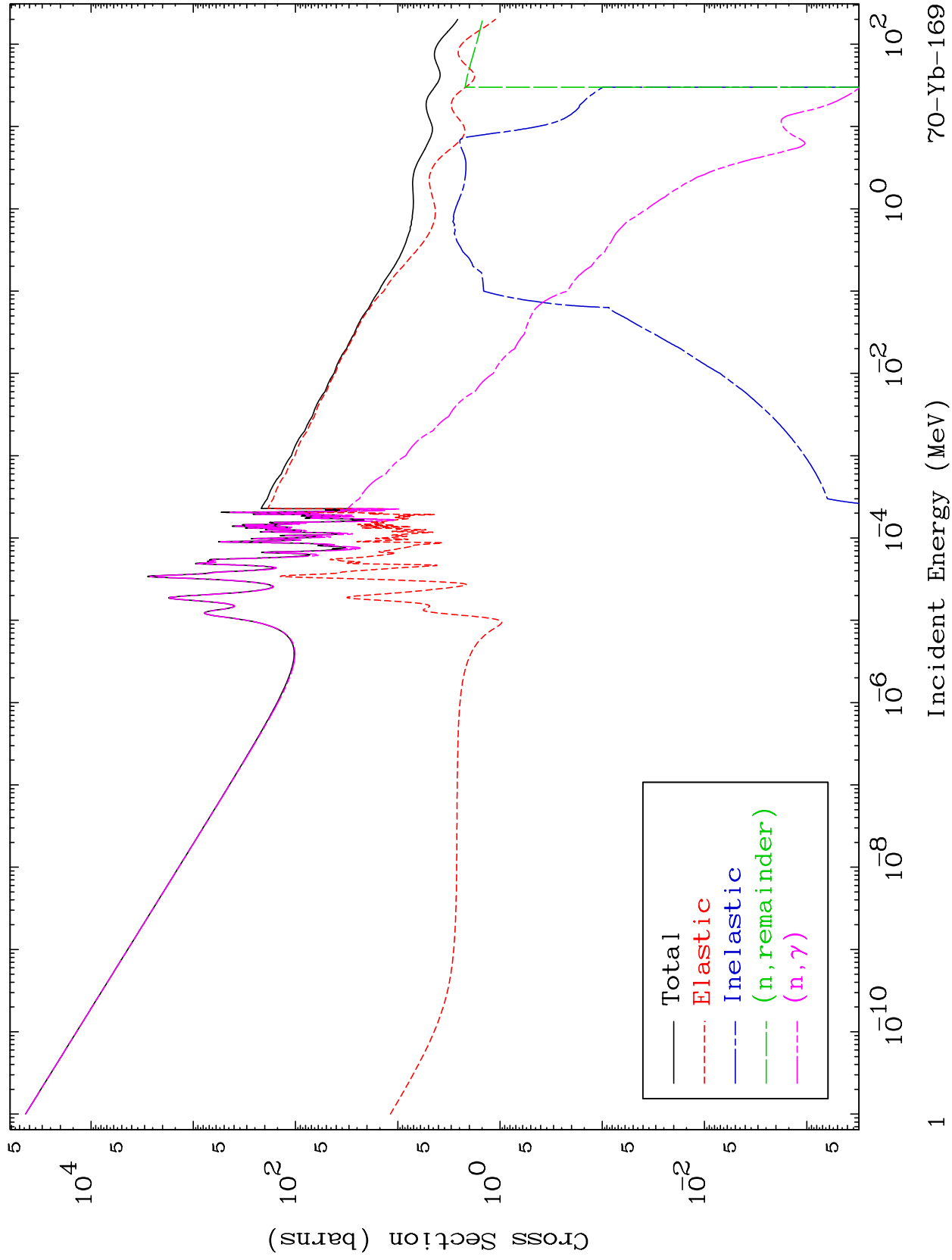
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7029

Major
293 Kelvin Cross Sections

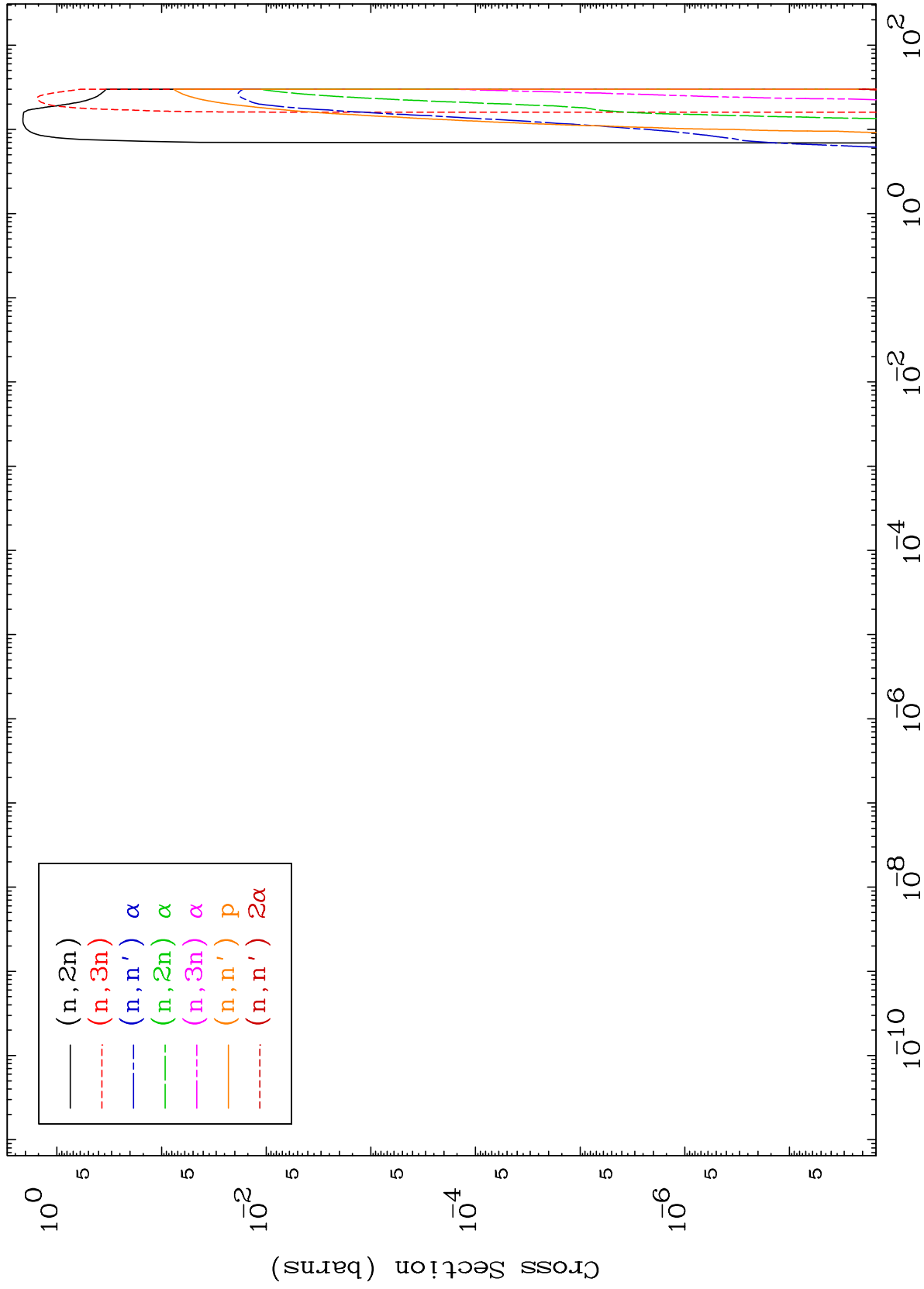
70-Yb-169



MAT 7029

Neutron Production
293 Kelvin Cross Sections

70-Yb-169



2

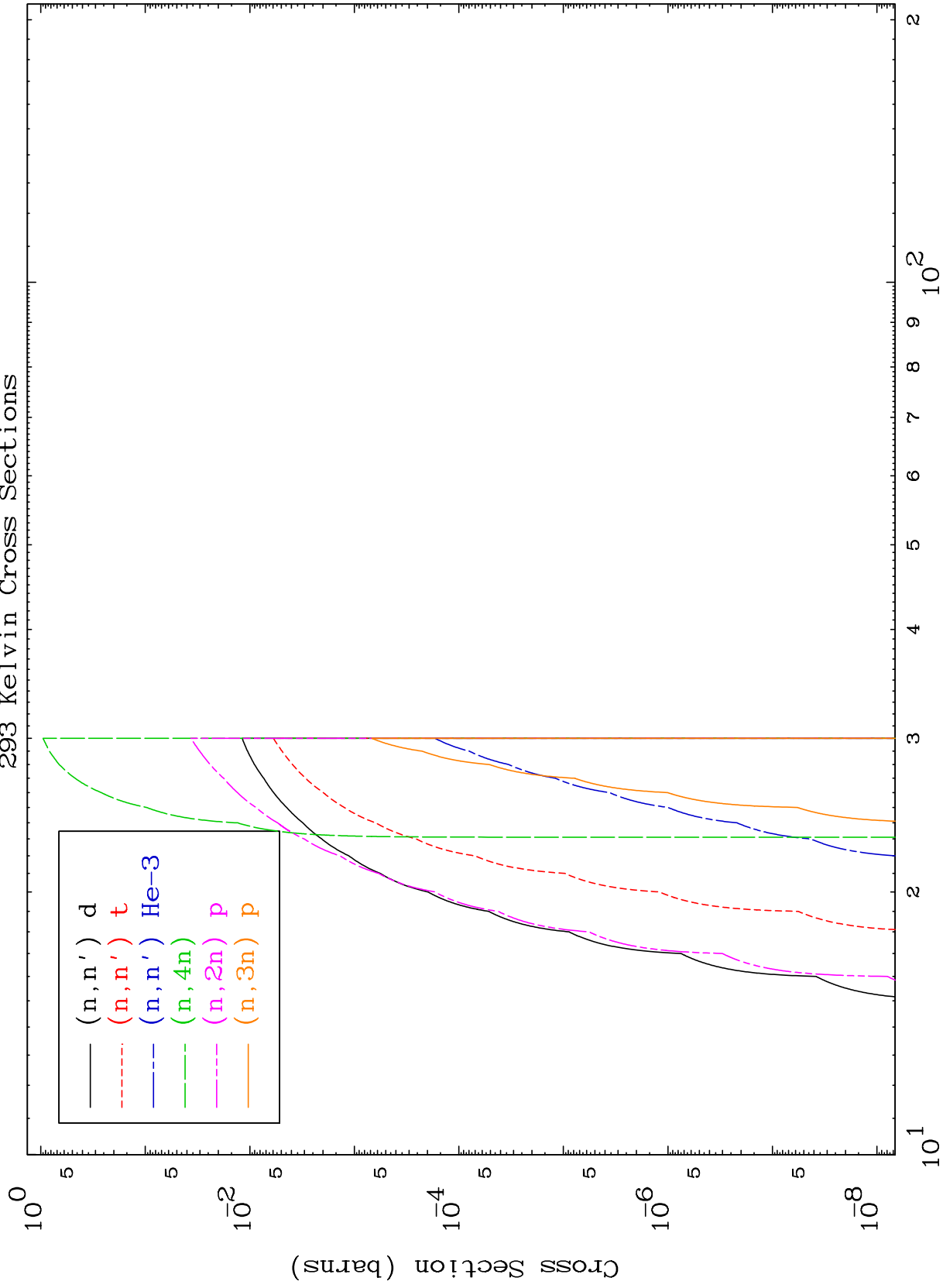
Incident Energy (MeV)

70-Yb-169

MAT 7029

Neutron Production
293 Kelvin Cross Sections

70-Yb-169



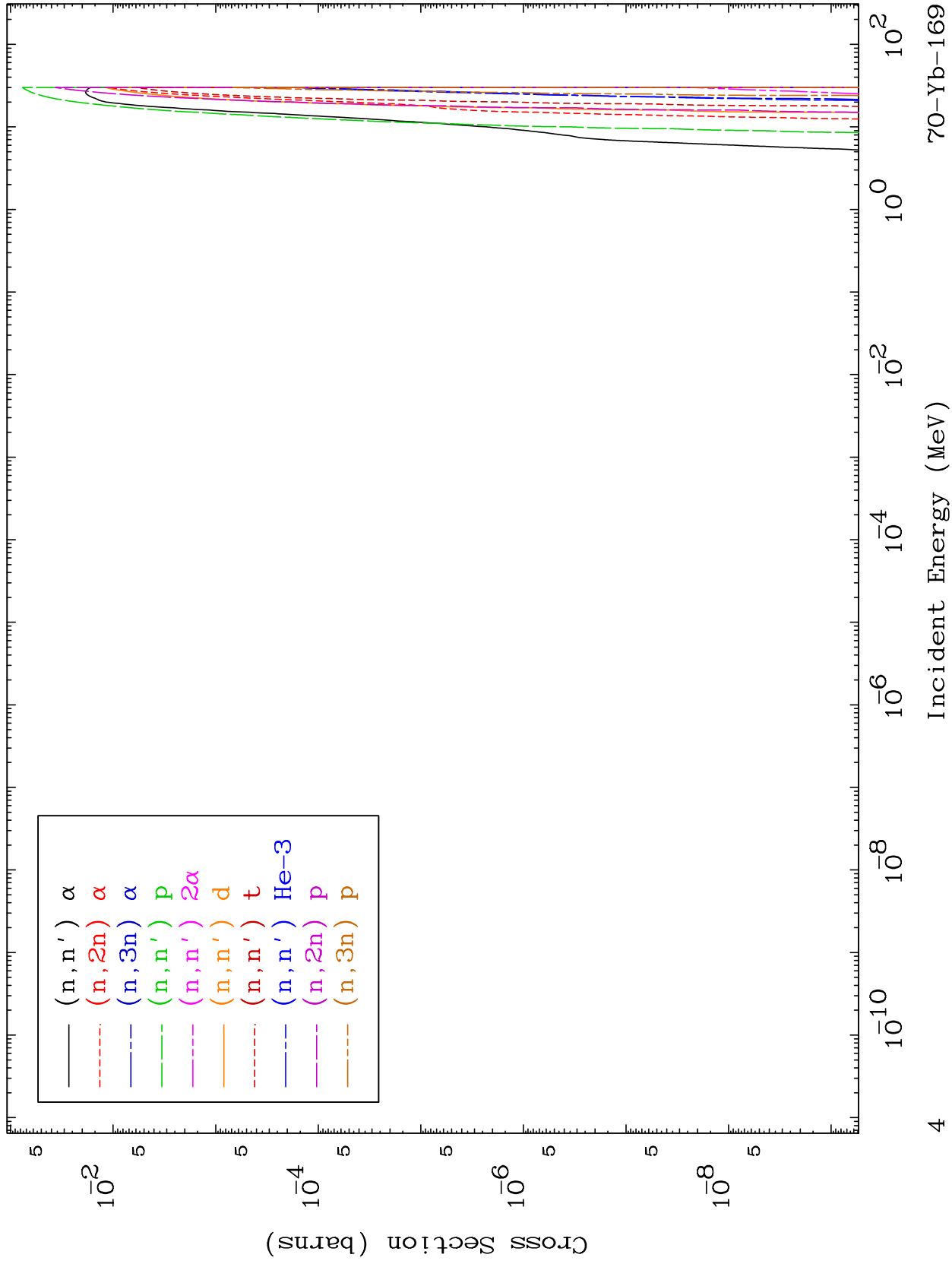
Incident Energy (MeV)

70-Yb-169

MAT 7029

293 Kelvin Cross Sections

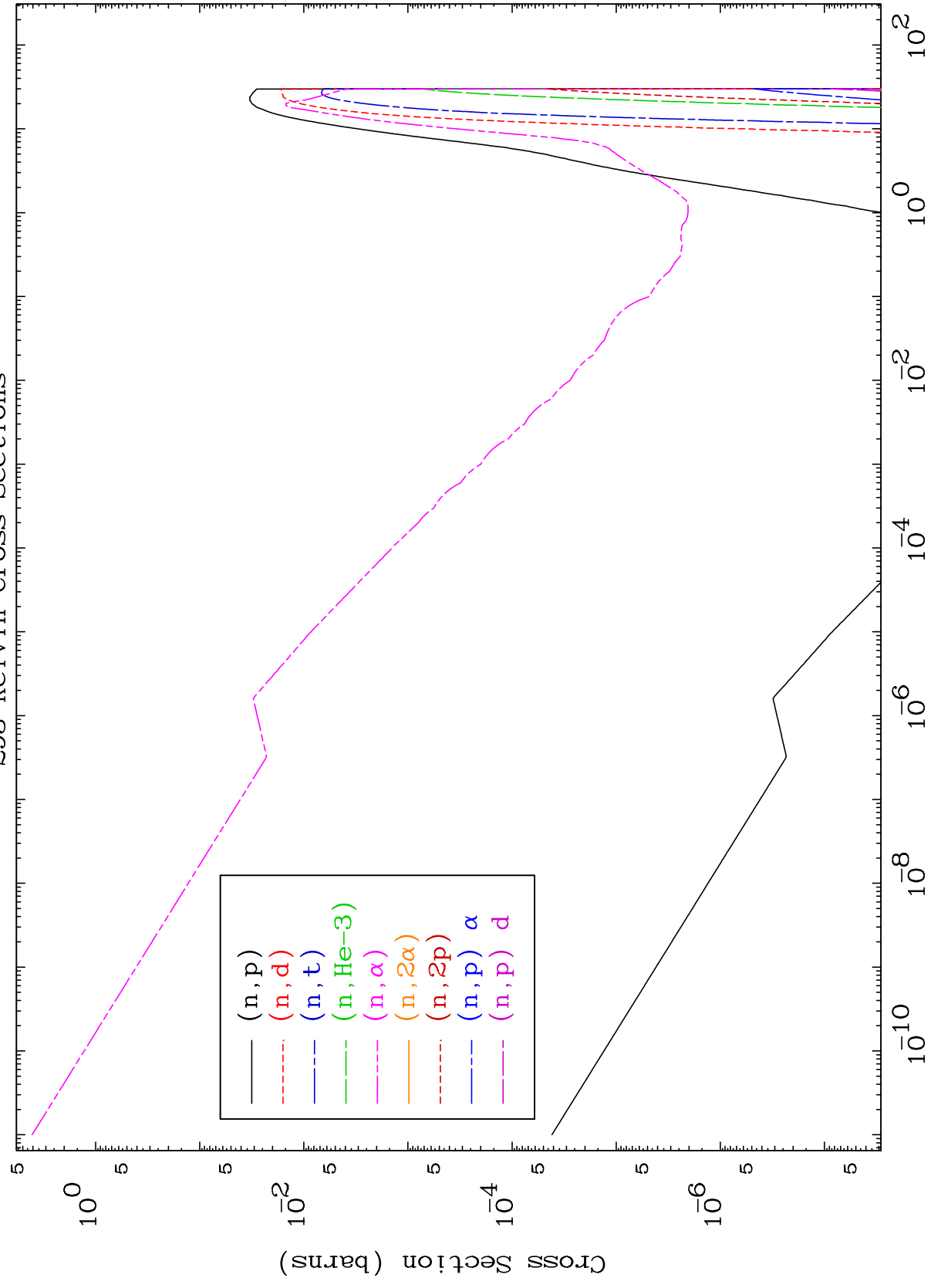
70-Yb-169



MAT 7029

Charged Particle
293 Kelvin Cross Sections

70-Yb-169



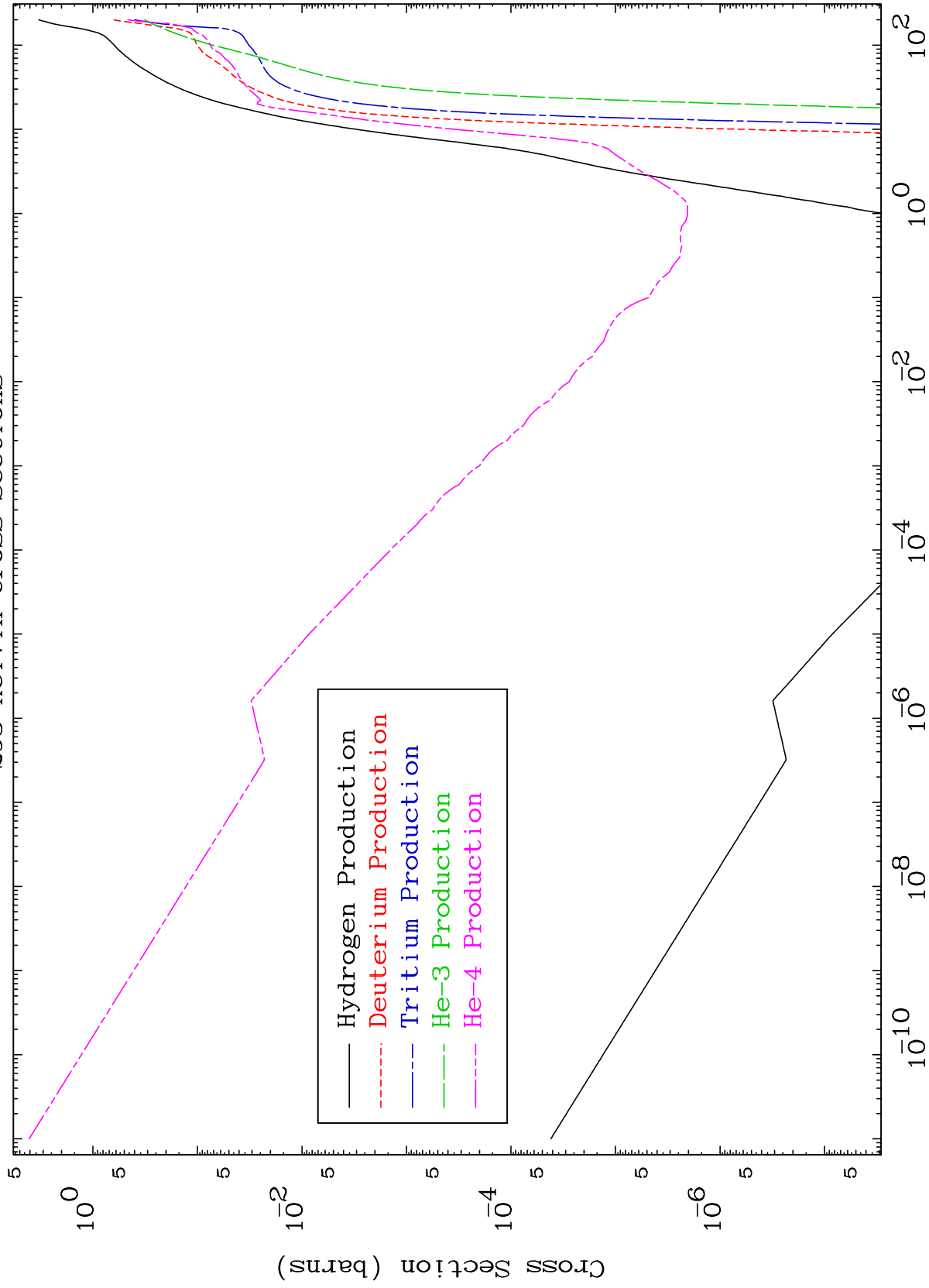
5

70-Yb-169

MAT 7029

Particle Production
293 Kelvin Cross Sections

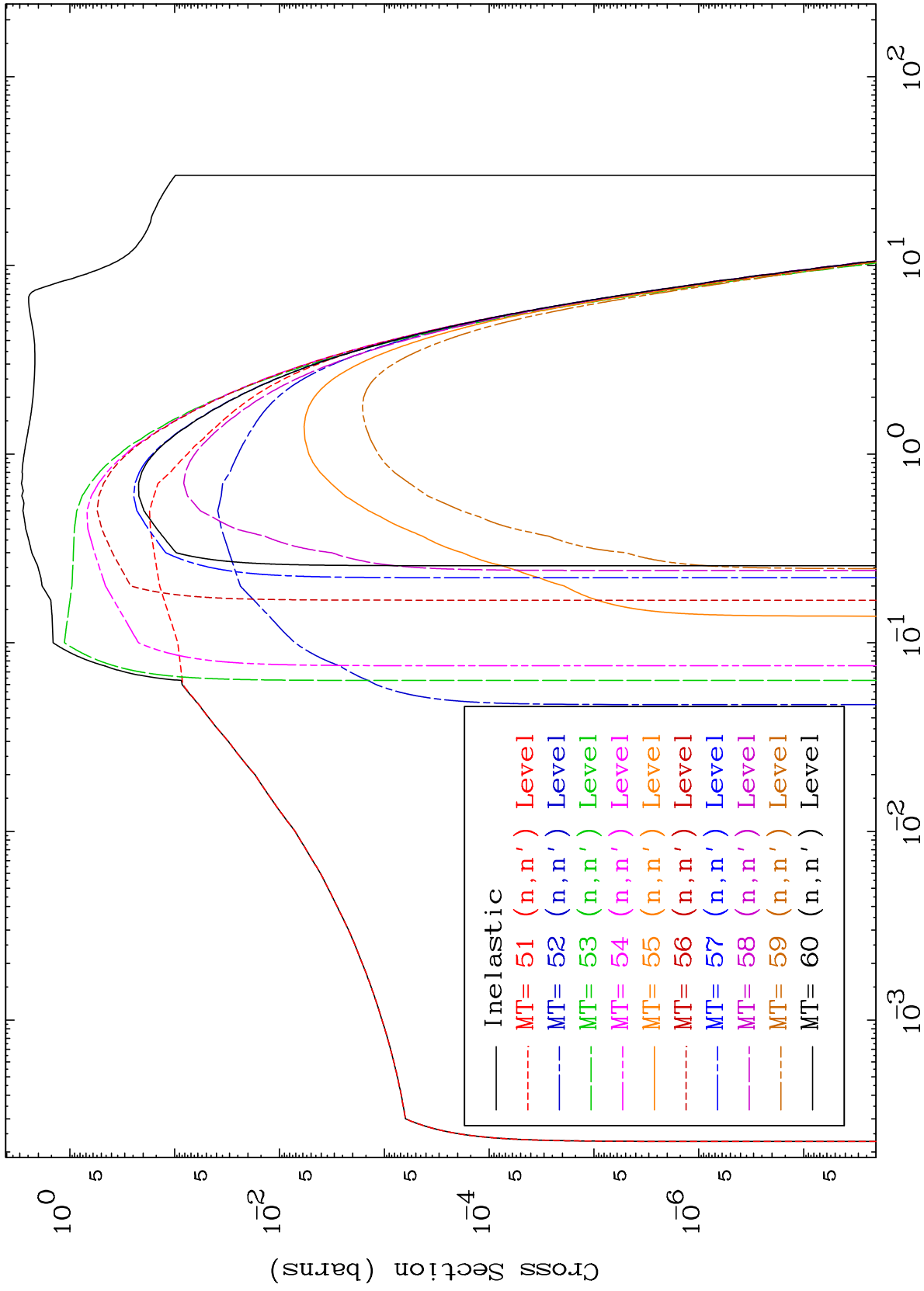
70-Yb-169



MAT 7029

293 Kelvin Cross Sections

70-Yb-169

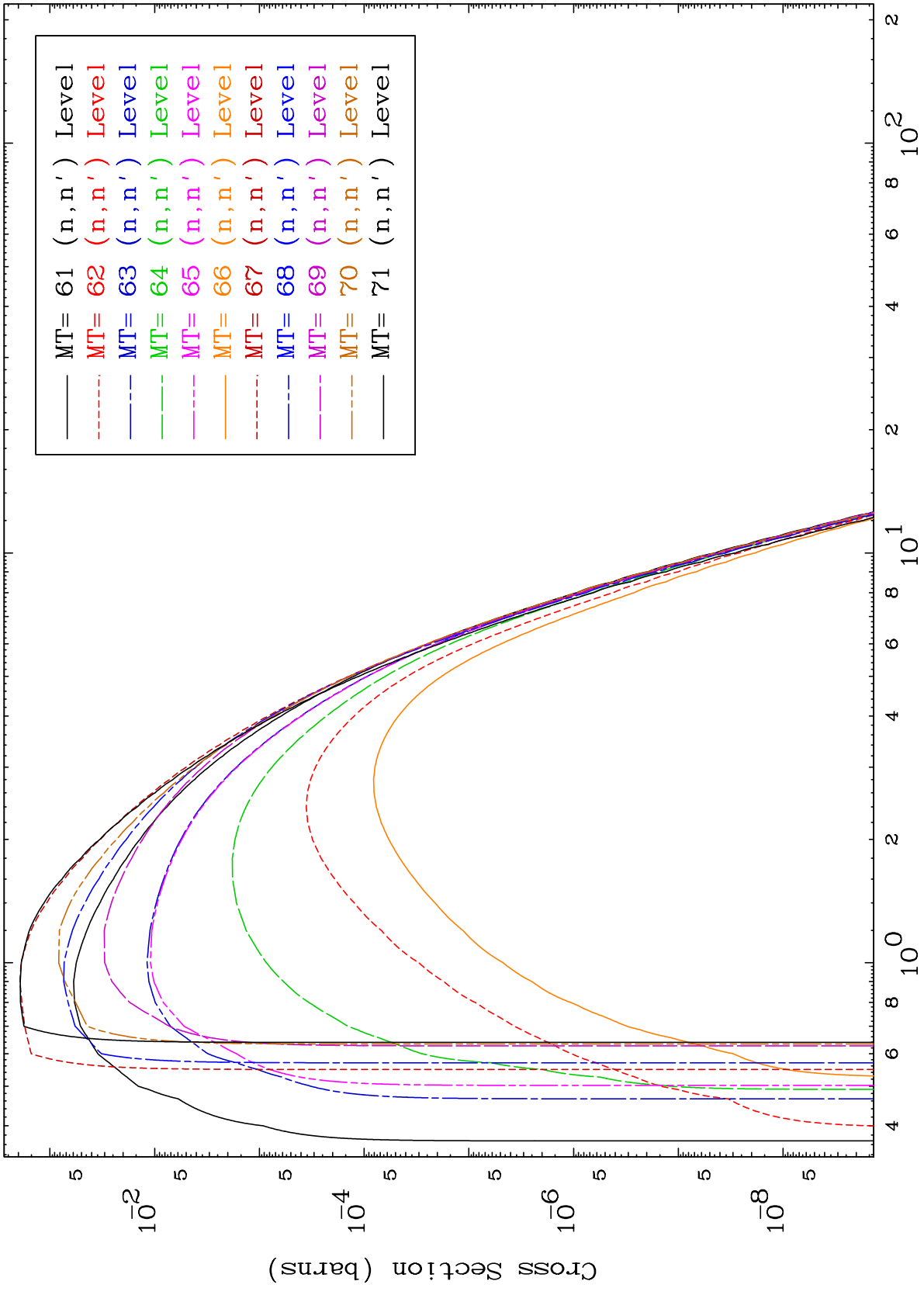


MAT 7029

(n,n') Level

70-Yb-169

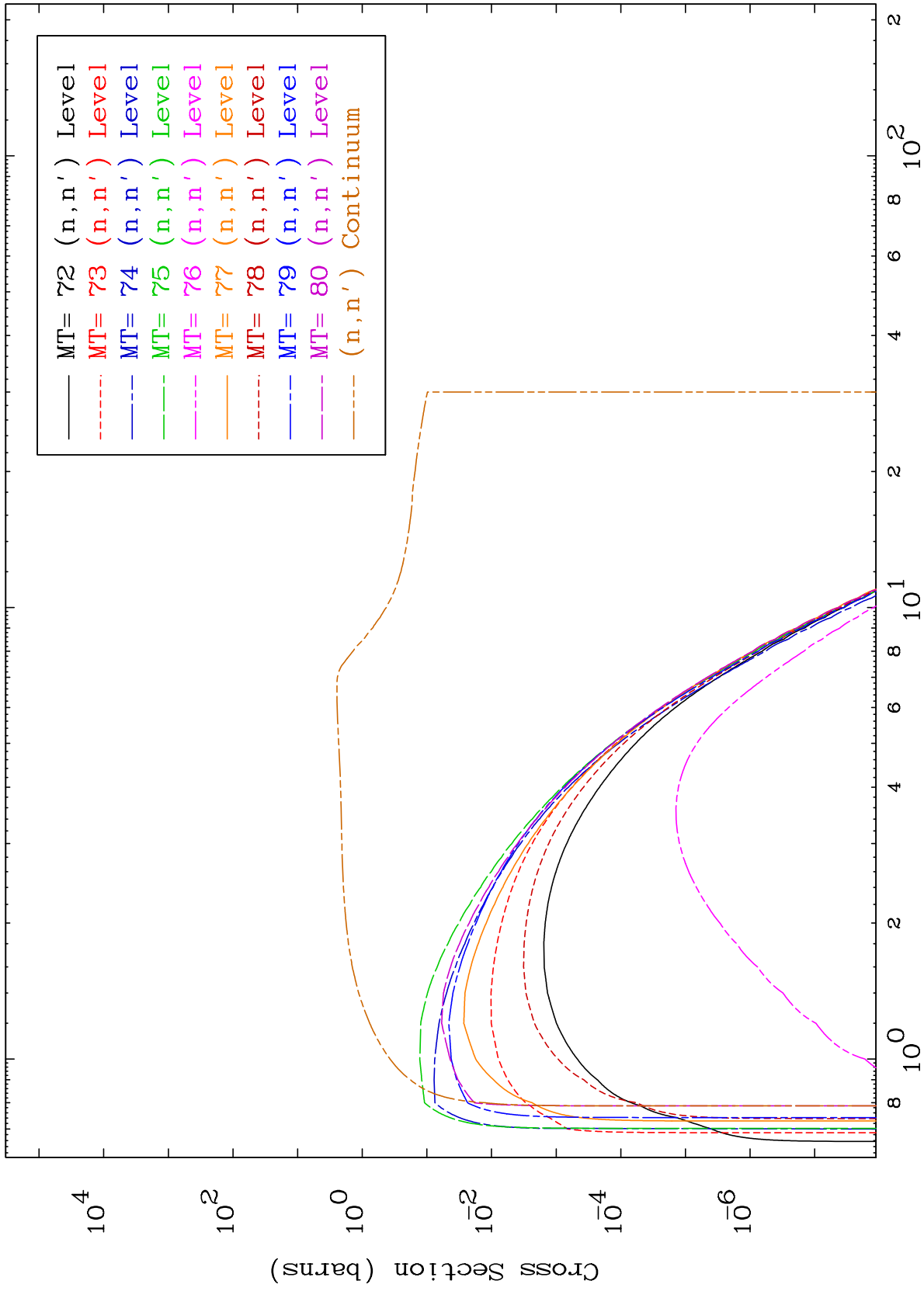
293 Kelvin Cross Sections



8

Incident Energy (MeV)

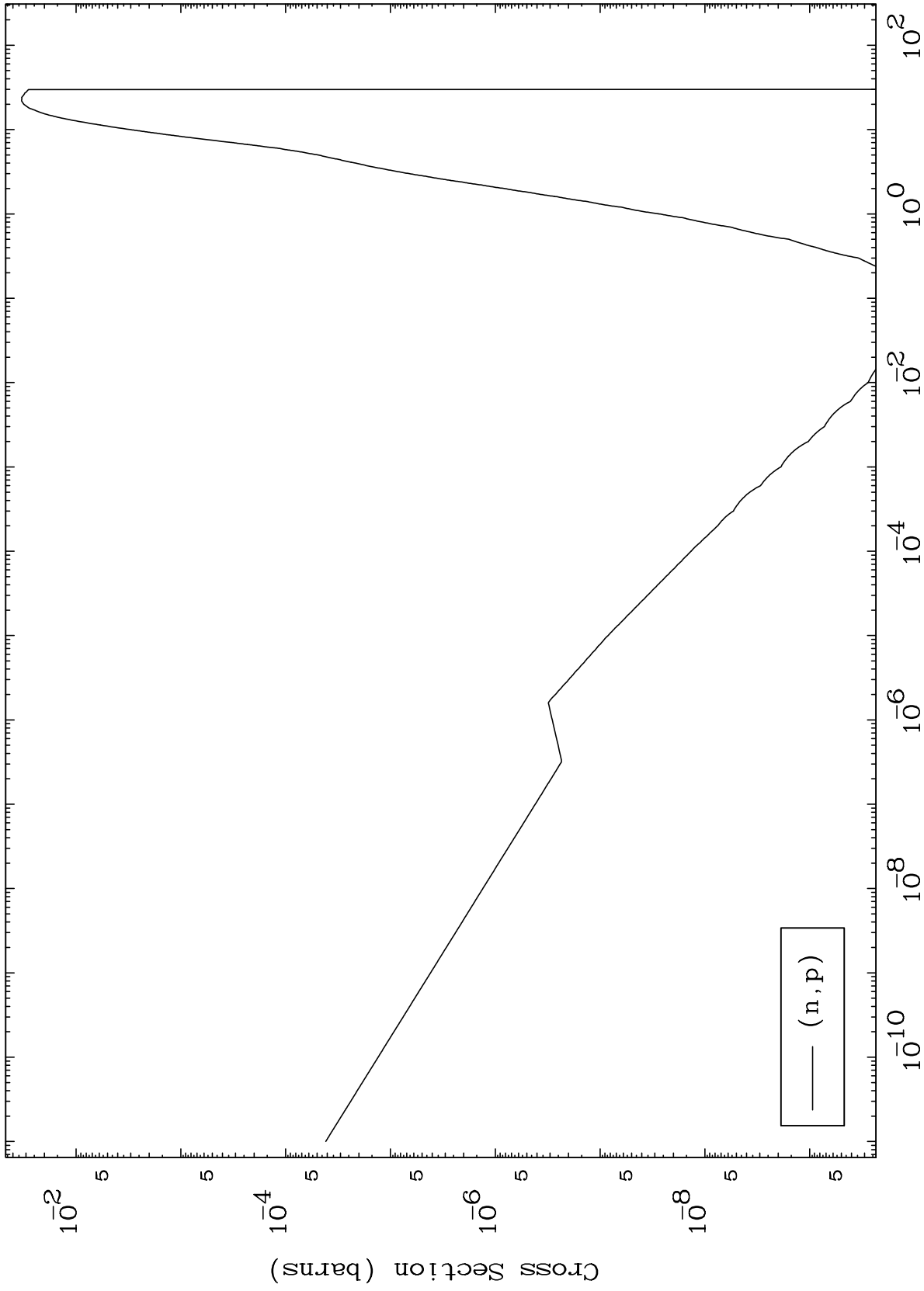
70-Yb-169



MAT 7029

(n,p) Levels
293 Kelvin Cross Sections

70-Yb-169



10

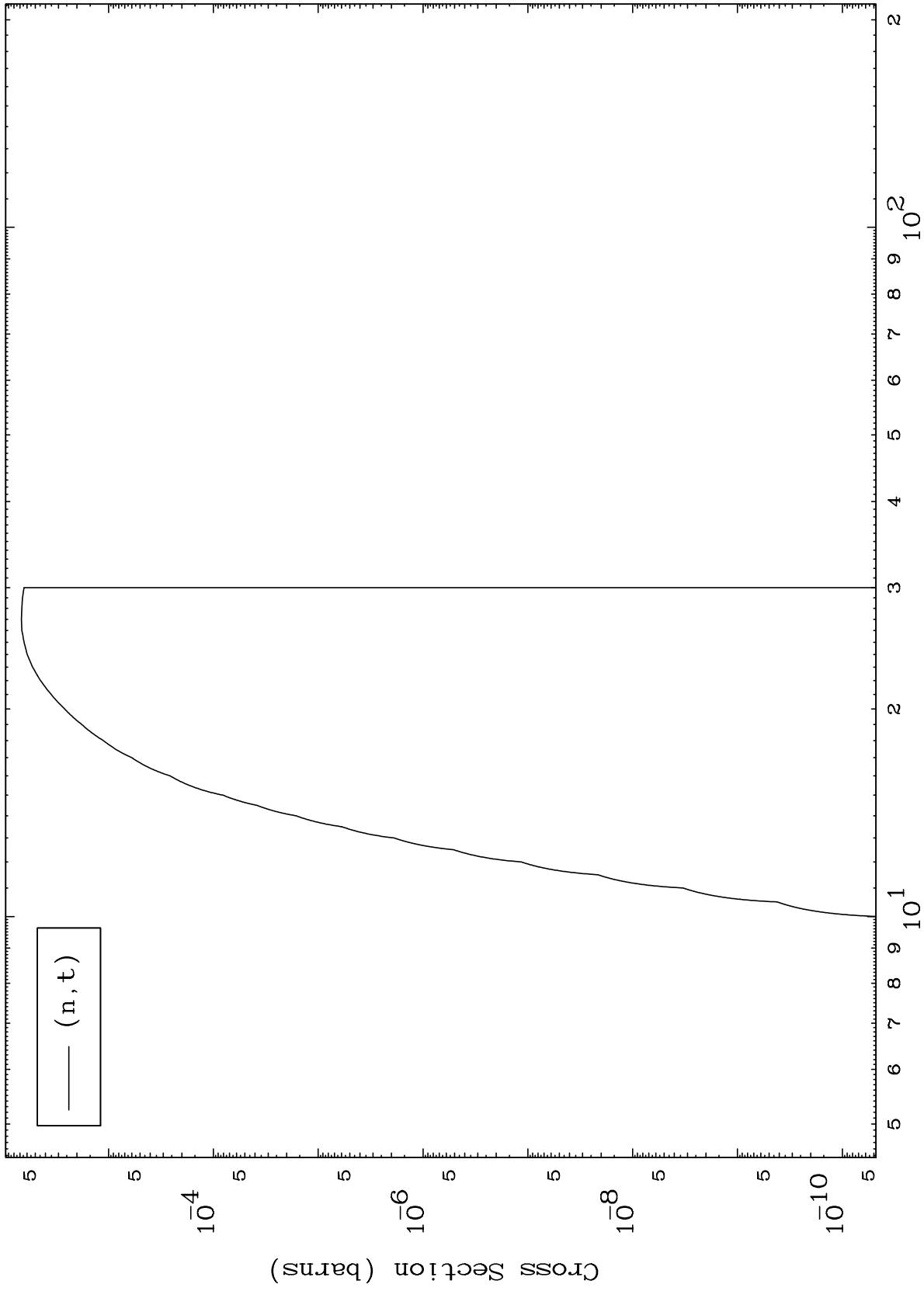
Incident Energy (MeV)

70-Yb-169

MAT 7029

(n,t) Levels
293 Kelvin Cross Sections

70-Yb-169



12

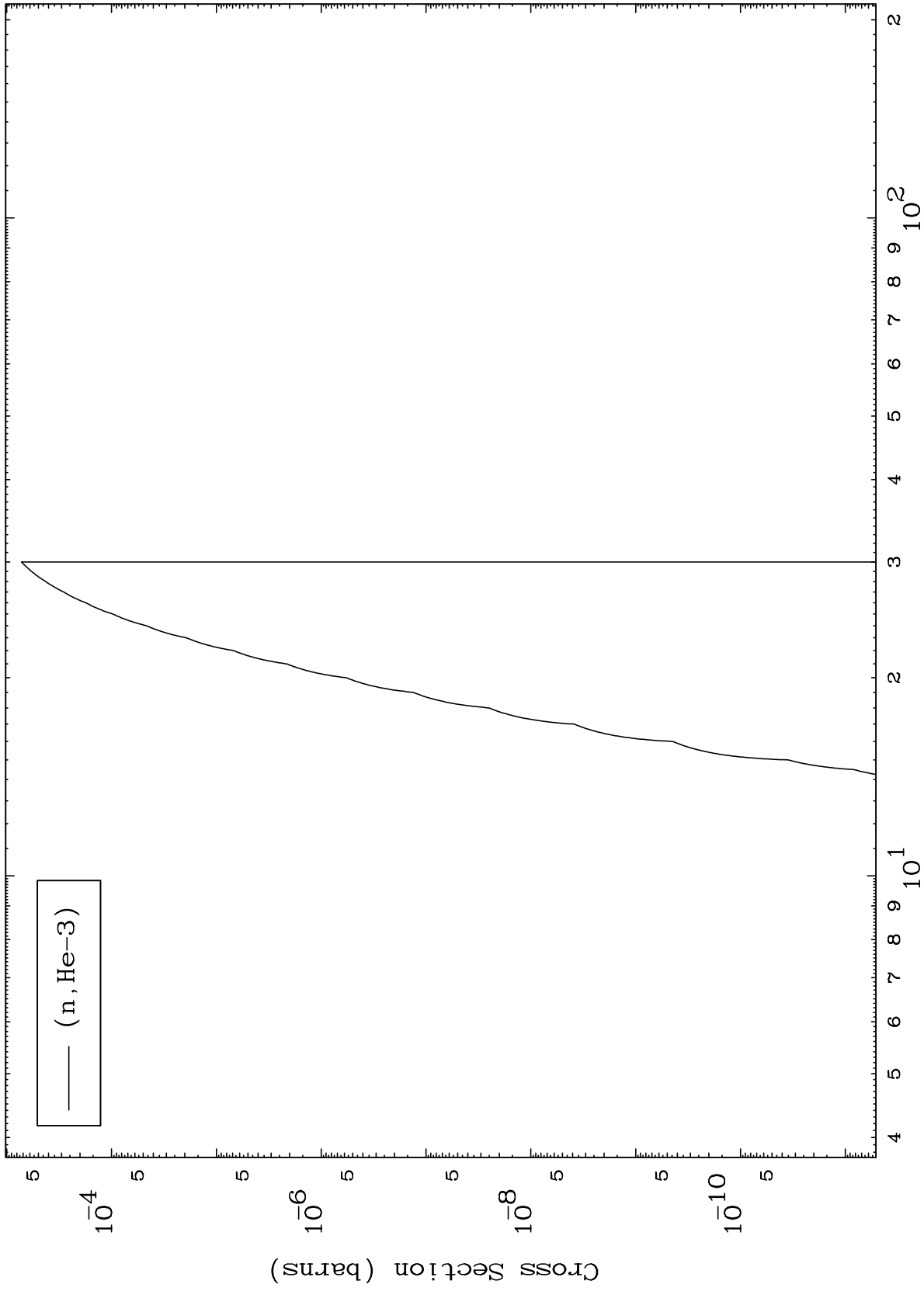
Incident Energy (MeV)

70-Yb-169

MAT 7029

(n,He3) Levels
293 Kelvin Cross Sections

70-Yb-169



13

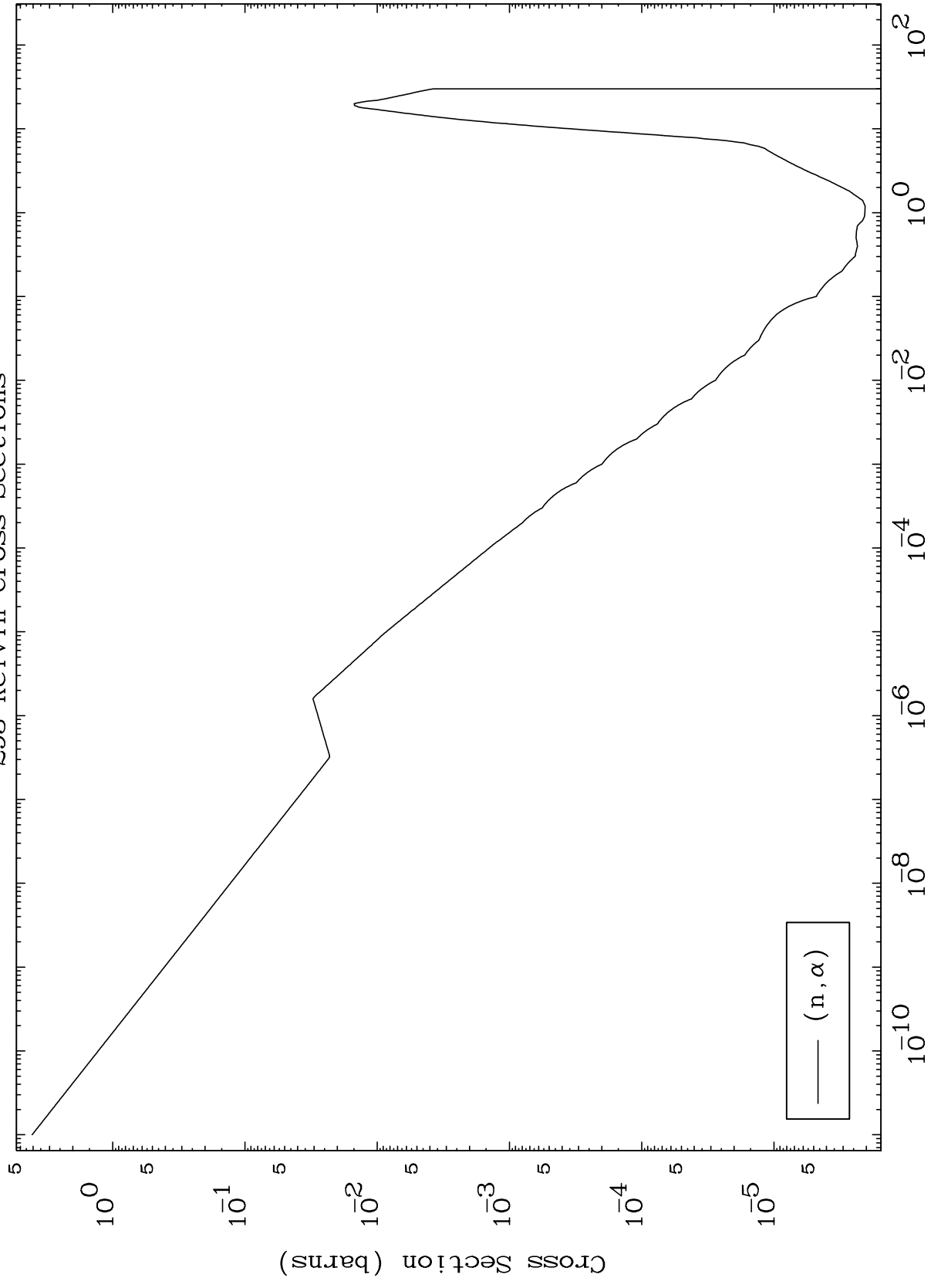
Incident Energy (MeV)

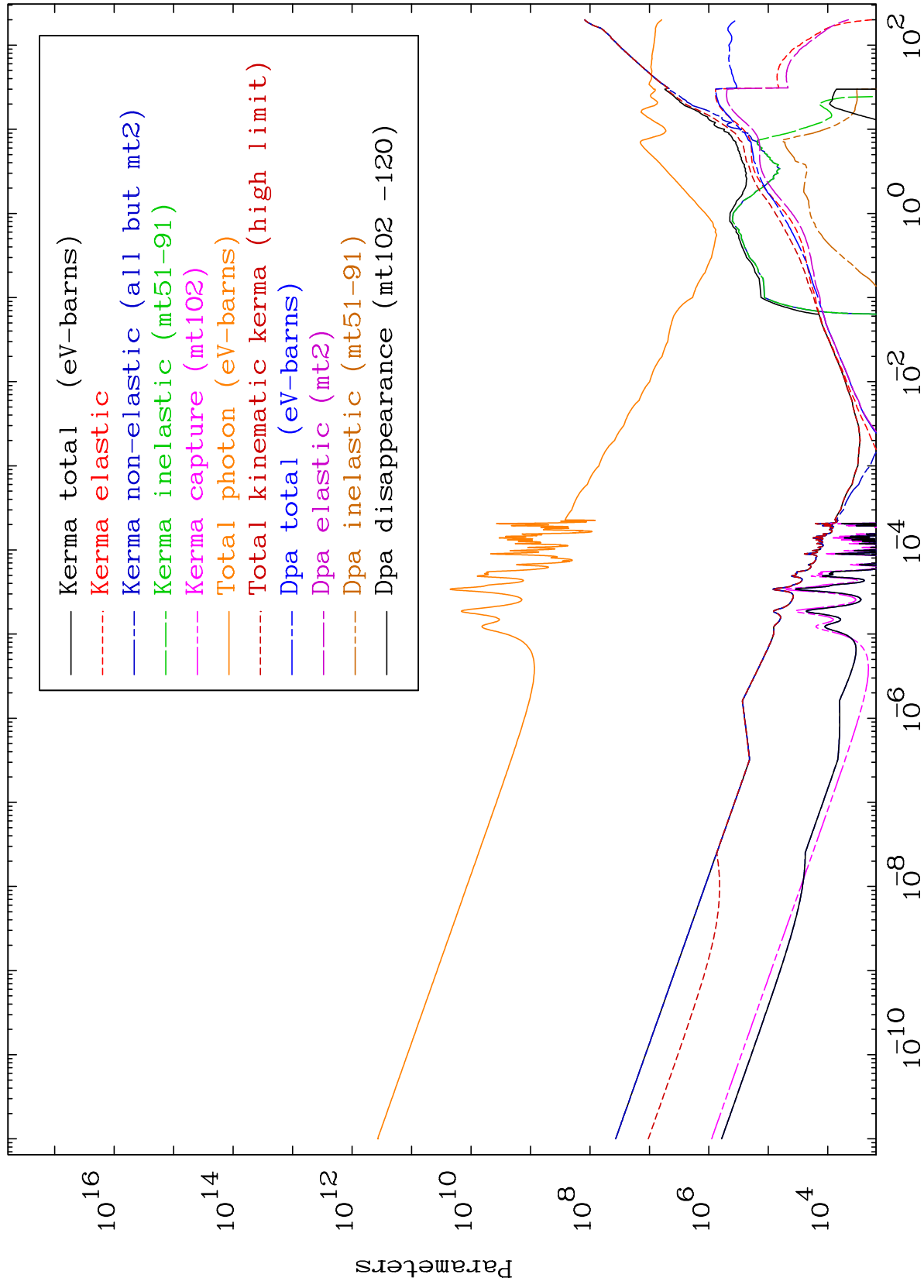
70-Yb-169

MAT 7029

(n,α) Levels
293 Kelvin Cross Sections

70-Yb-169

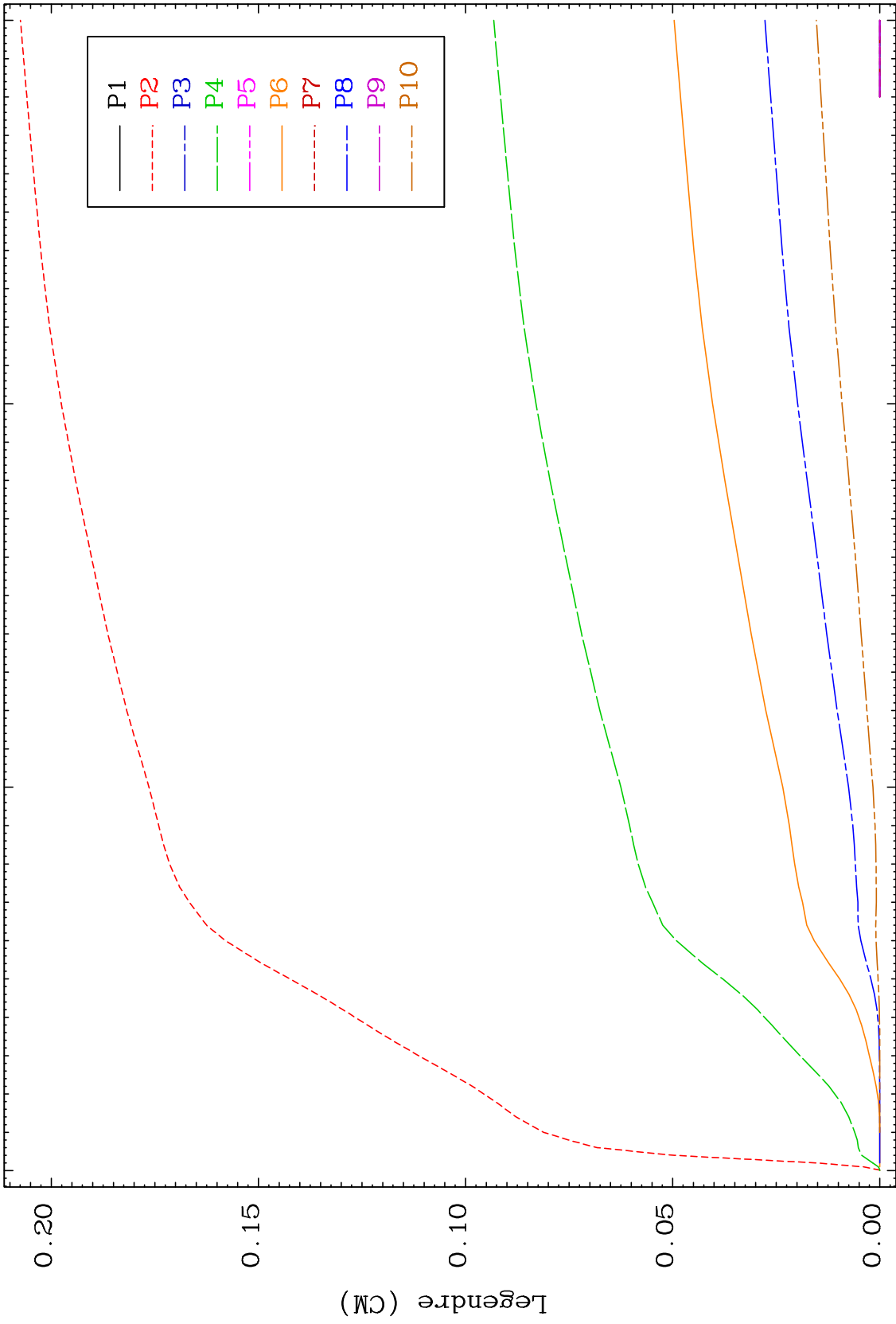




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Elastic Legendre Coefficients

70-Yb-169



70-Yb-169

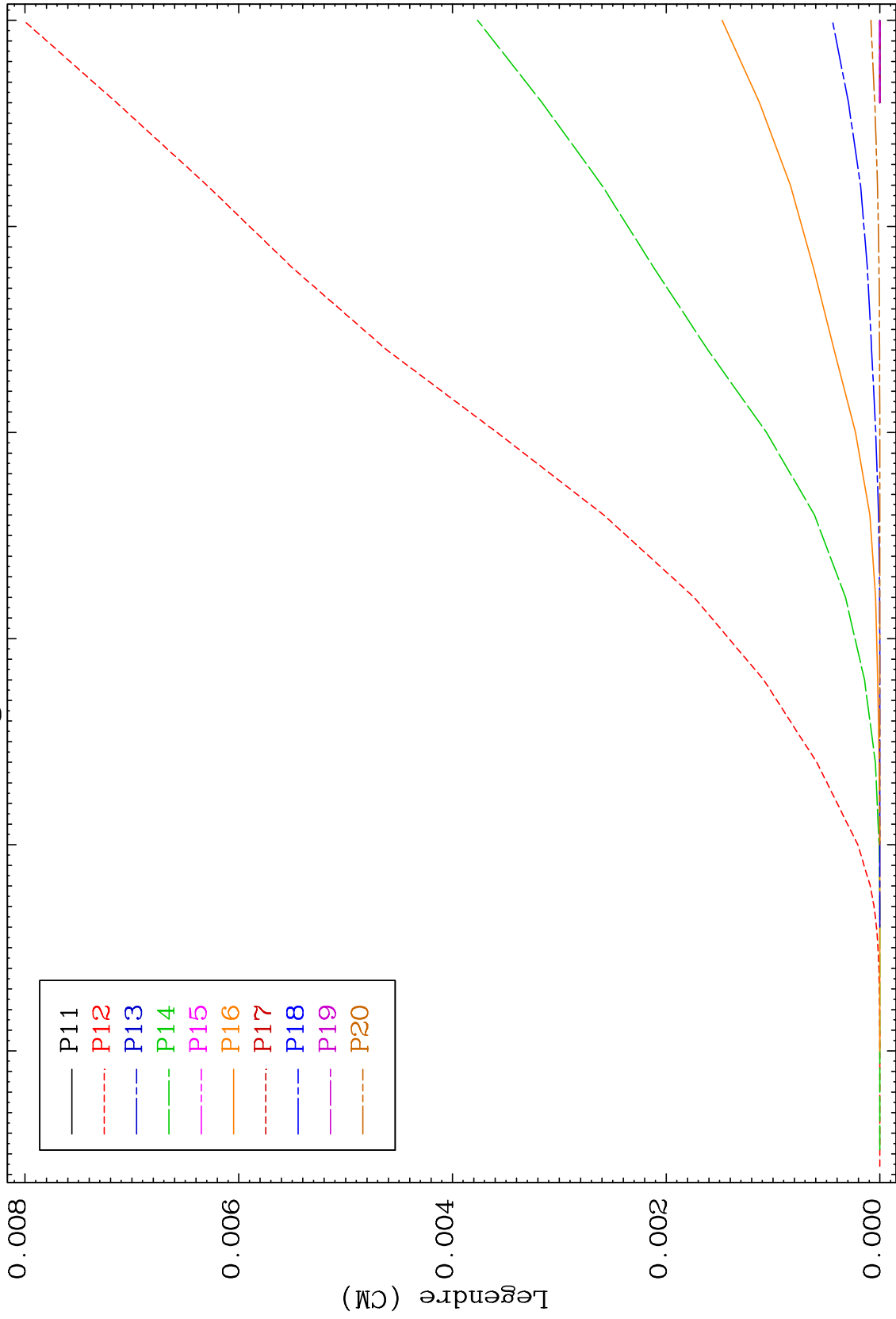
Incident Energy (MeV)

16

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Elastic Legendre Coefficients

70-Yb-169



17

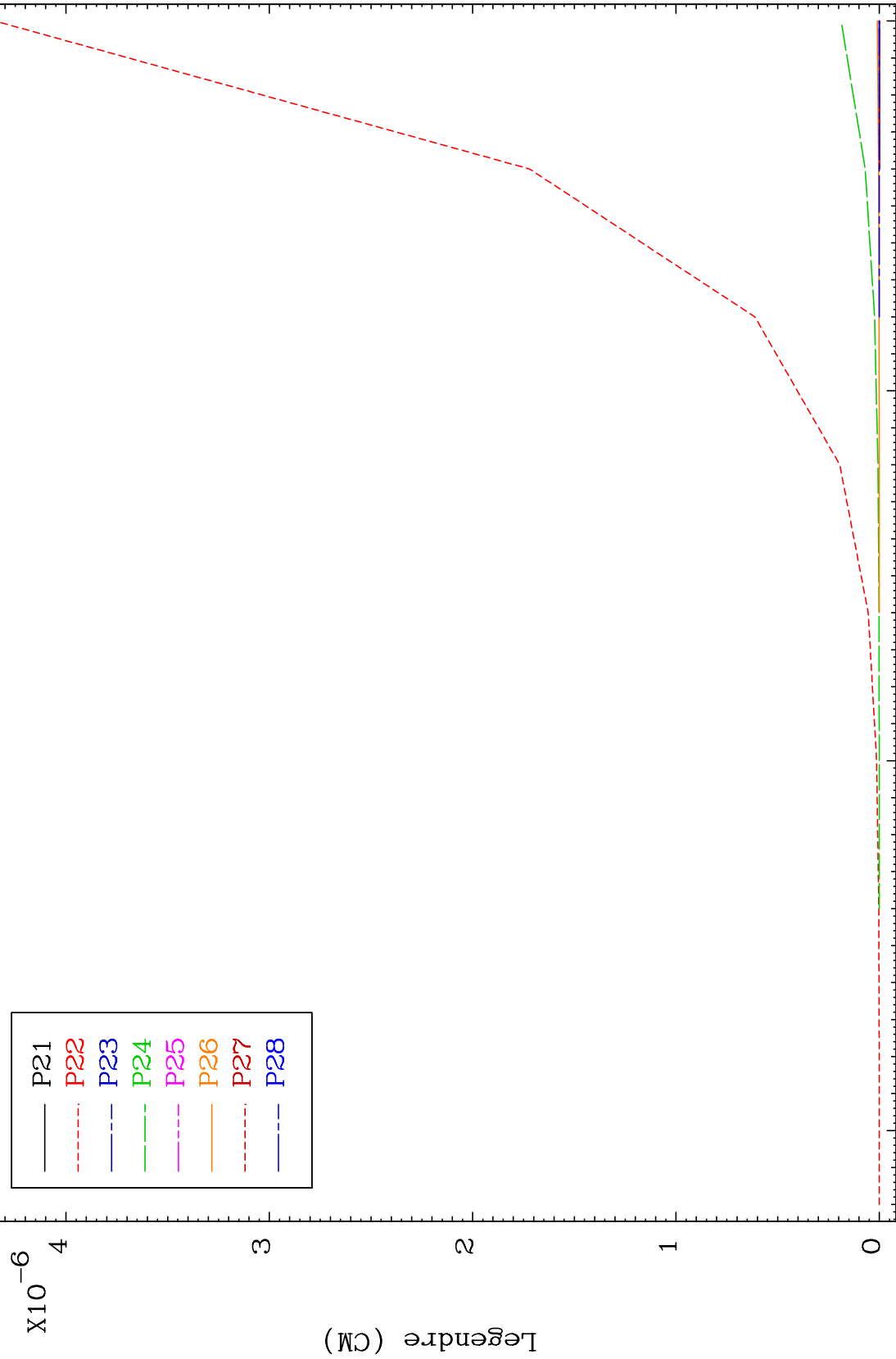
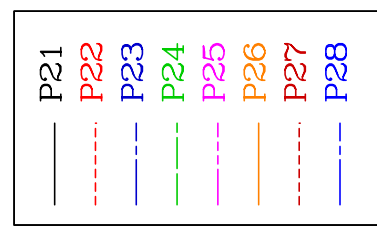
Incident Energy (MeV)

70-Yb-169

MAT 7029

Elastic Legendre Coefficients

70-Yb-169



18

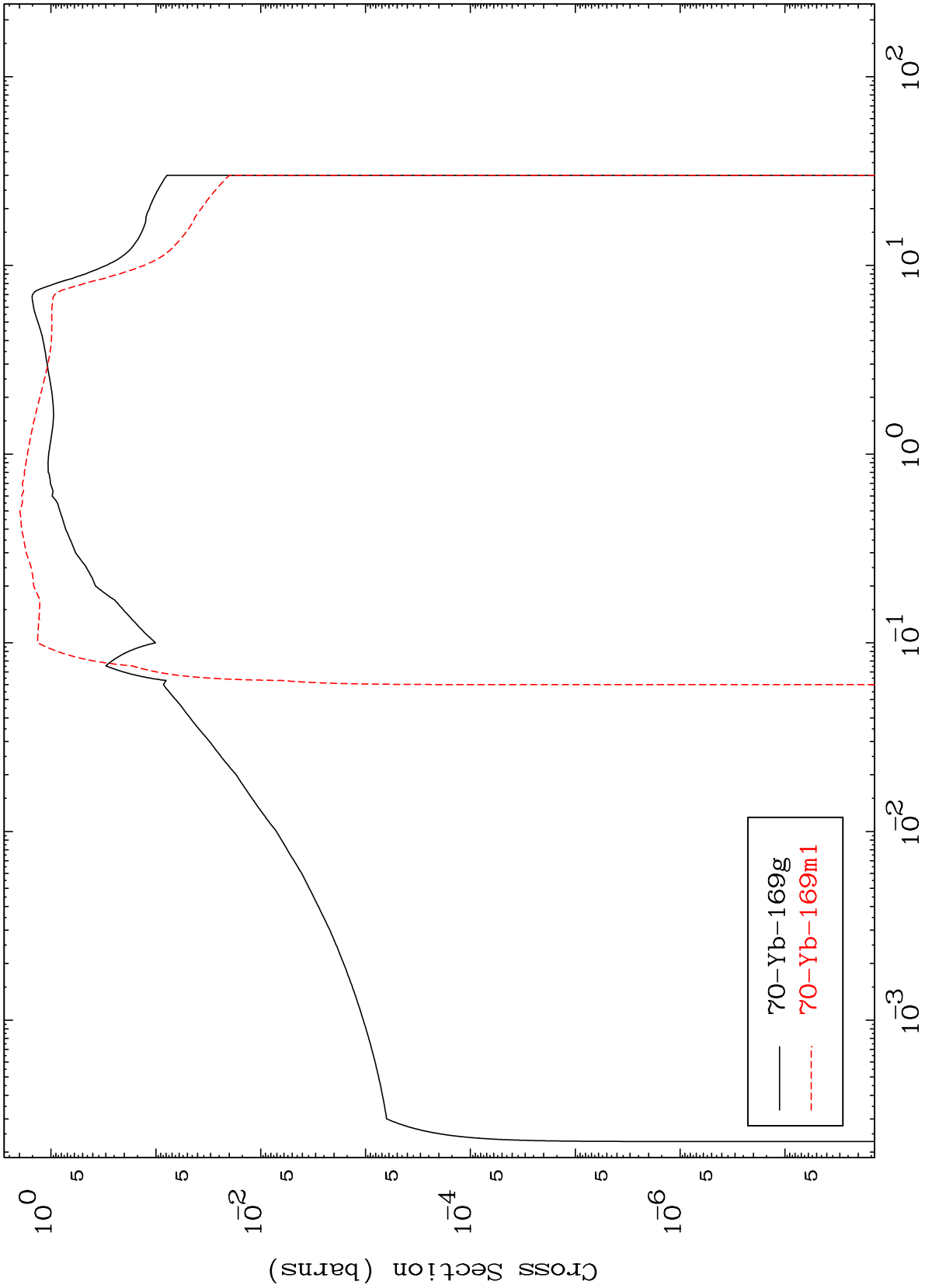
Incident Energy (MeV)

70-Yb-169

MAT 7029

70-Yb-169

Inelastic
Radionuclide Production Cross Section

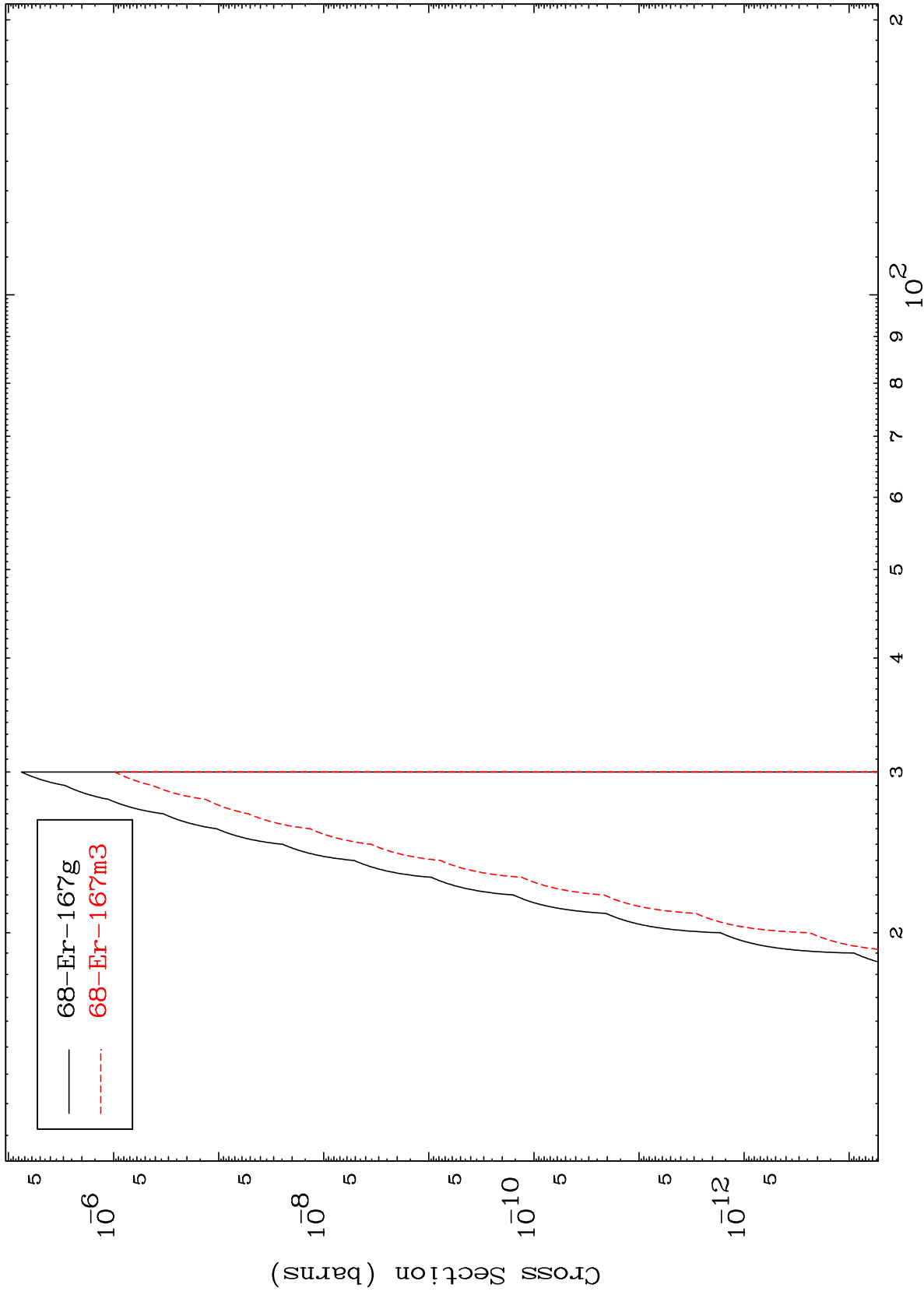


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(n,2n) p

70-Yb-169

Radionuclide Production Cross Section



20

Incident Energy (MeV)

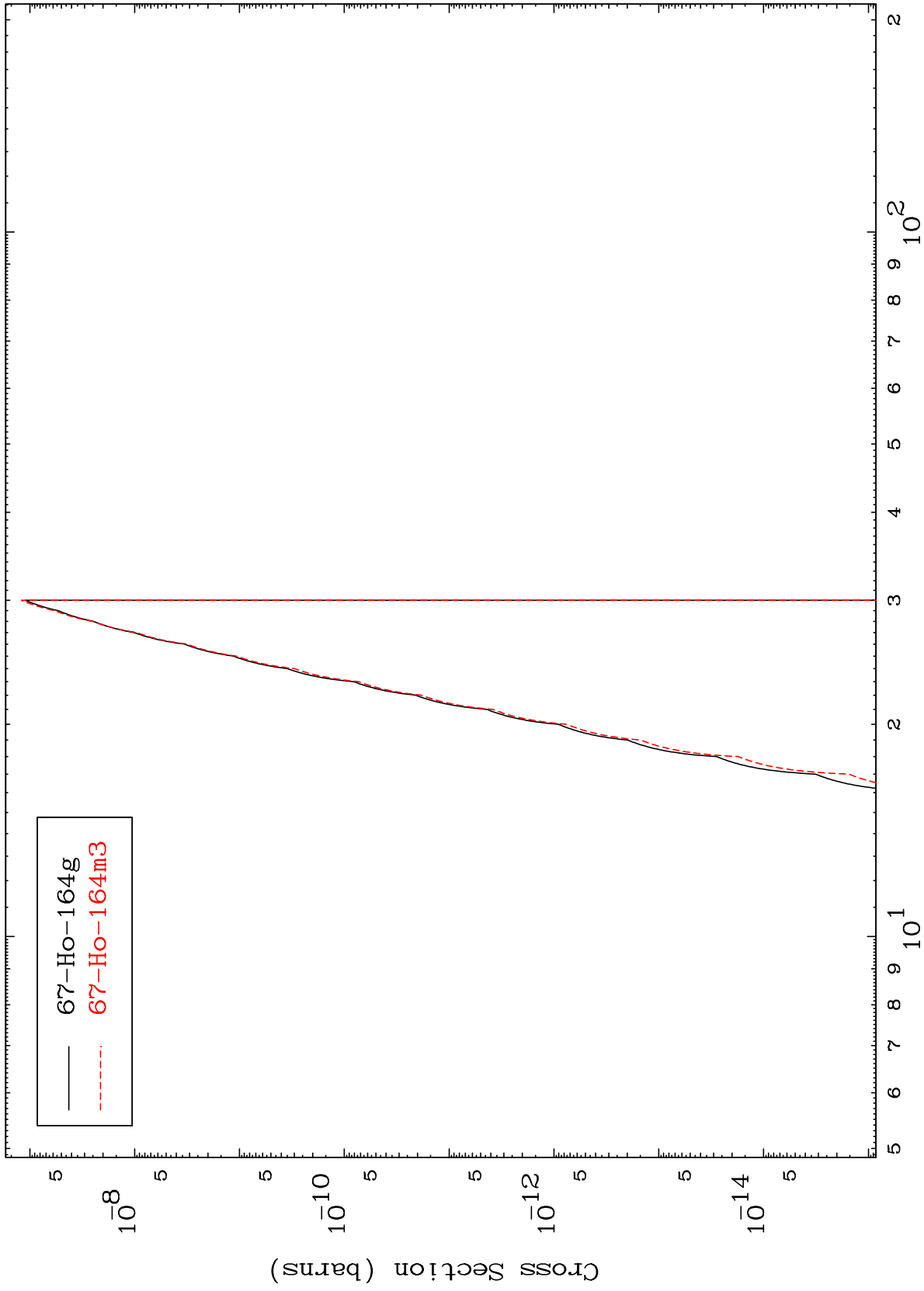
70-Yb-169

MAT 7029

(n,n') p α

70-Yb-169

Radionuclide Production Cross Section



21

Incident Energy (MeV)

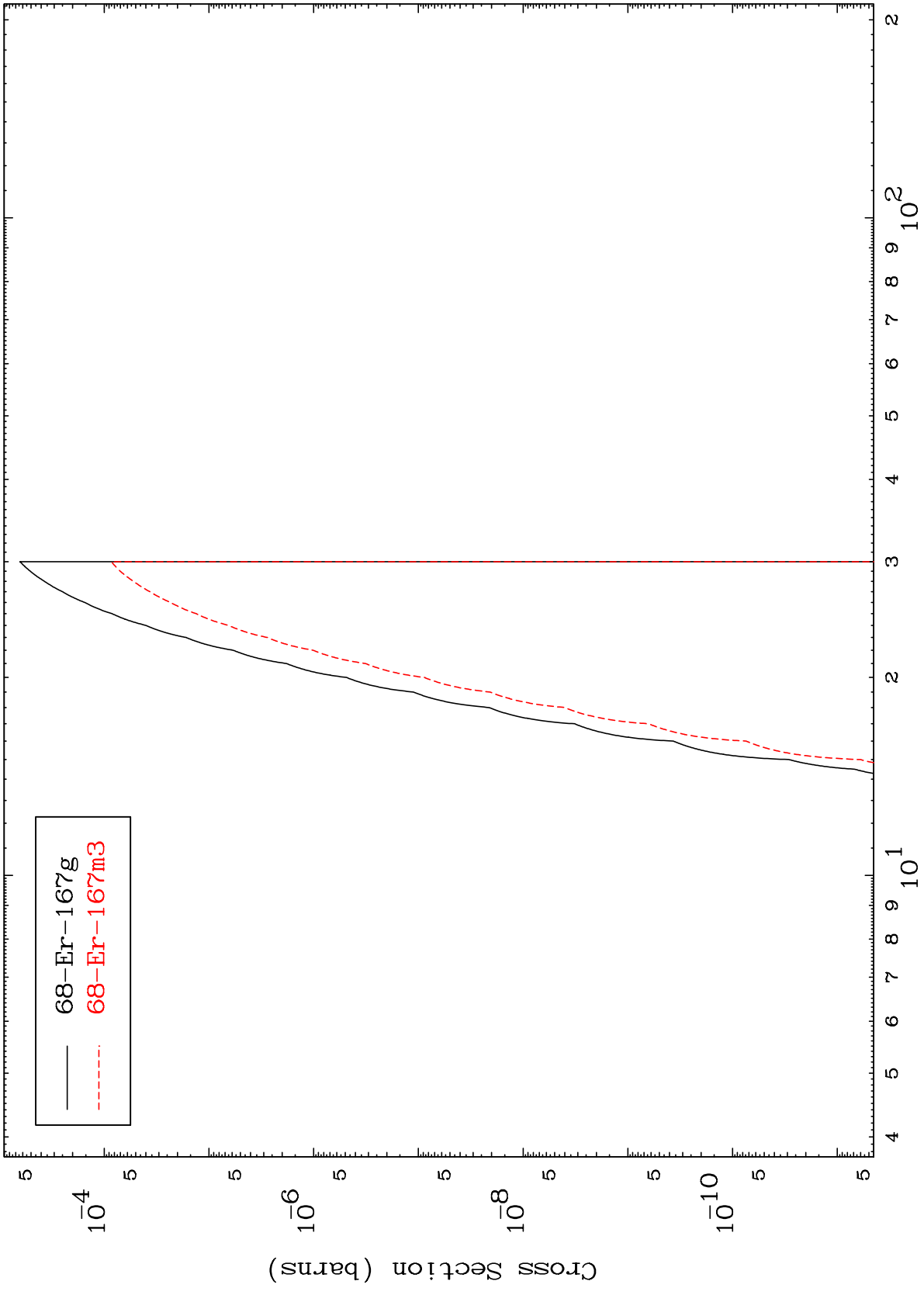
70-Yb-169

MAT 7029

(n, He-3)

70-Yb-169

Radionuclide Production Cross Section



22

Incident Energy (MeV)

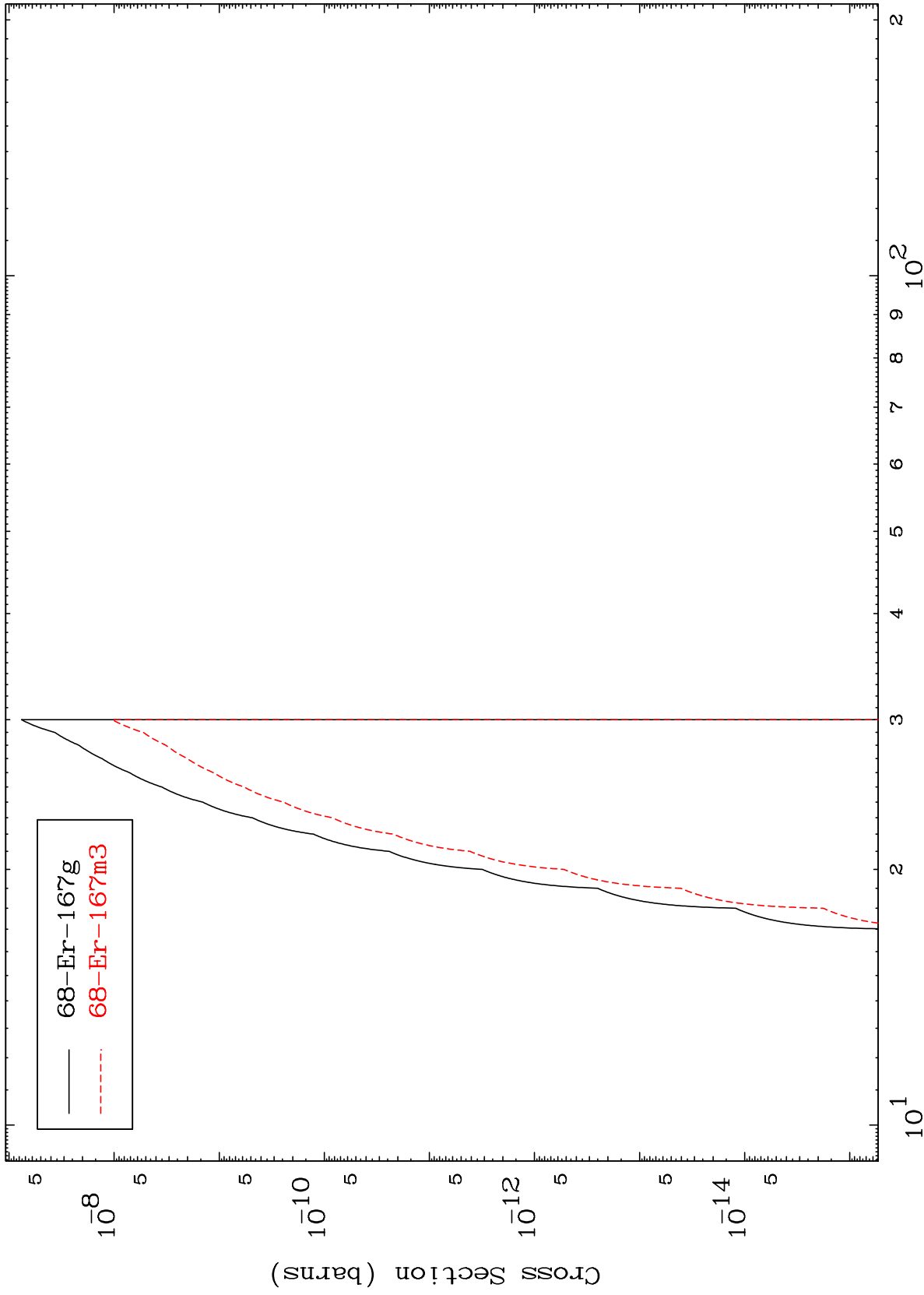
70-Yb-169

MAT 7029

(n,p) d

70-Yb-169

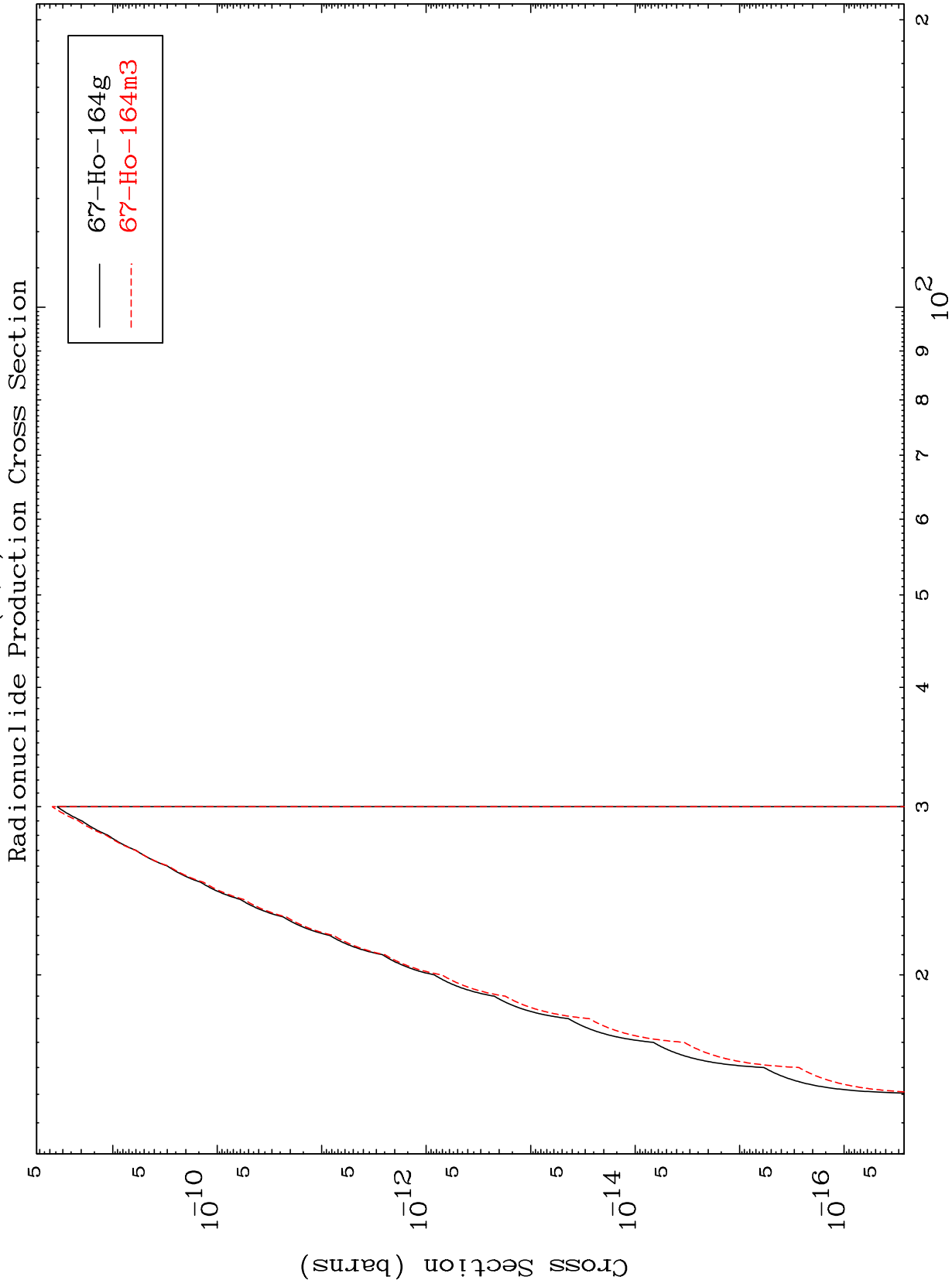
Radionuclide Production Cross Section



MAT 7029

$(n,d) \alpha$

70-Yb-169



24

Incident Energy (MeV)

70-Yb-169