

Program EVALPLOT
(Version 2021-1)

by

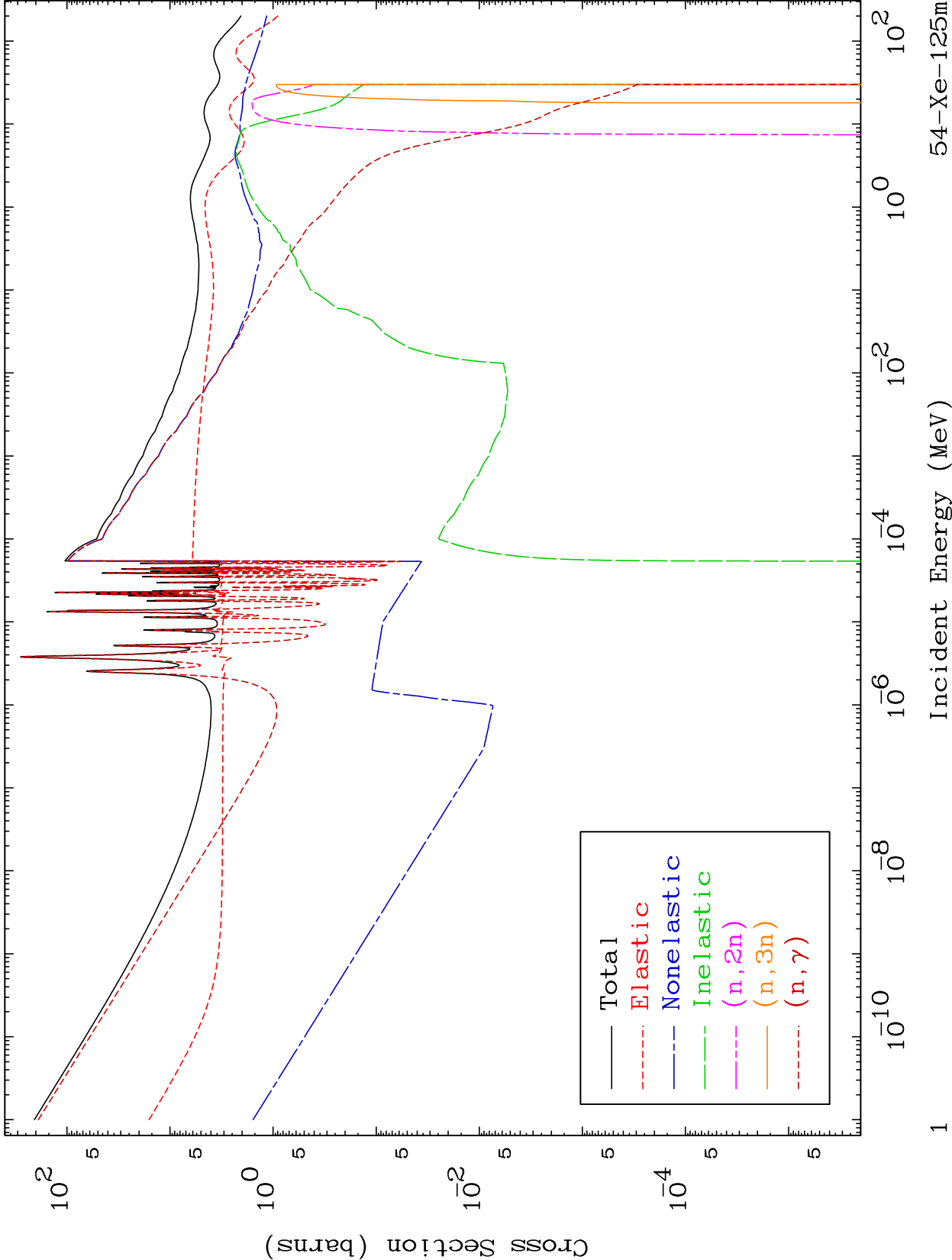
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

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

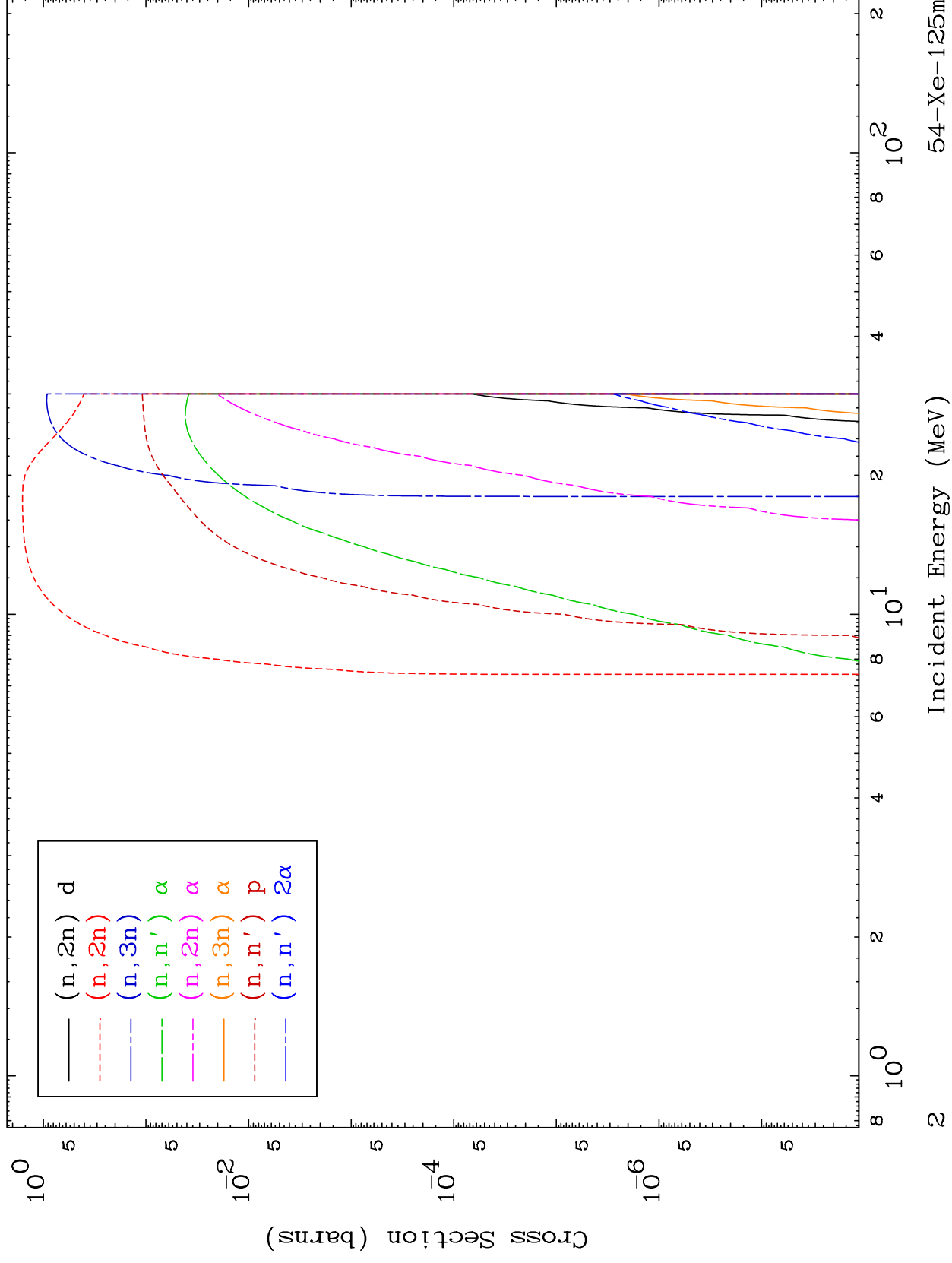
Press Mouse Button to Start

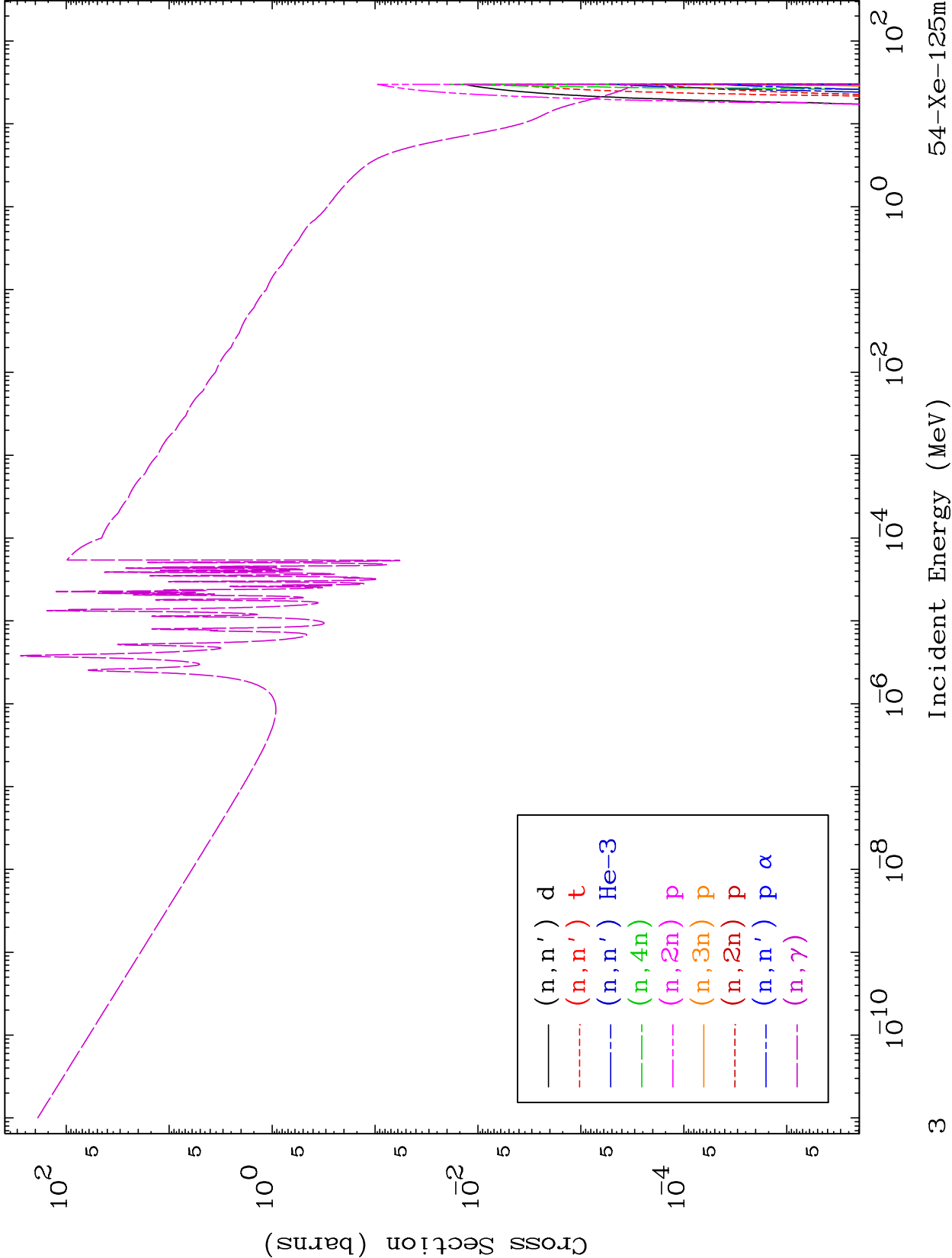


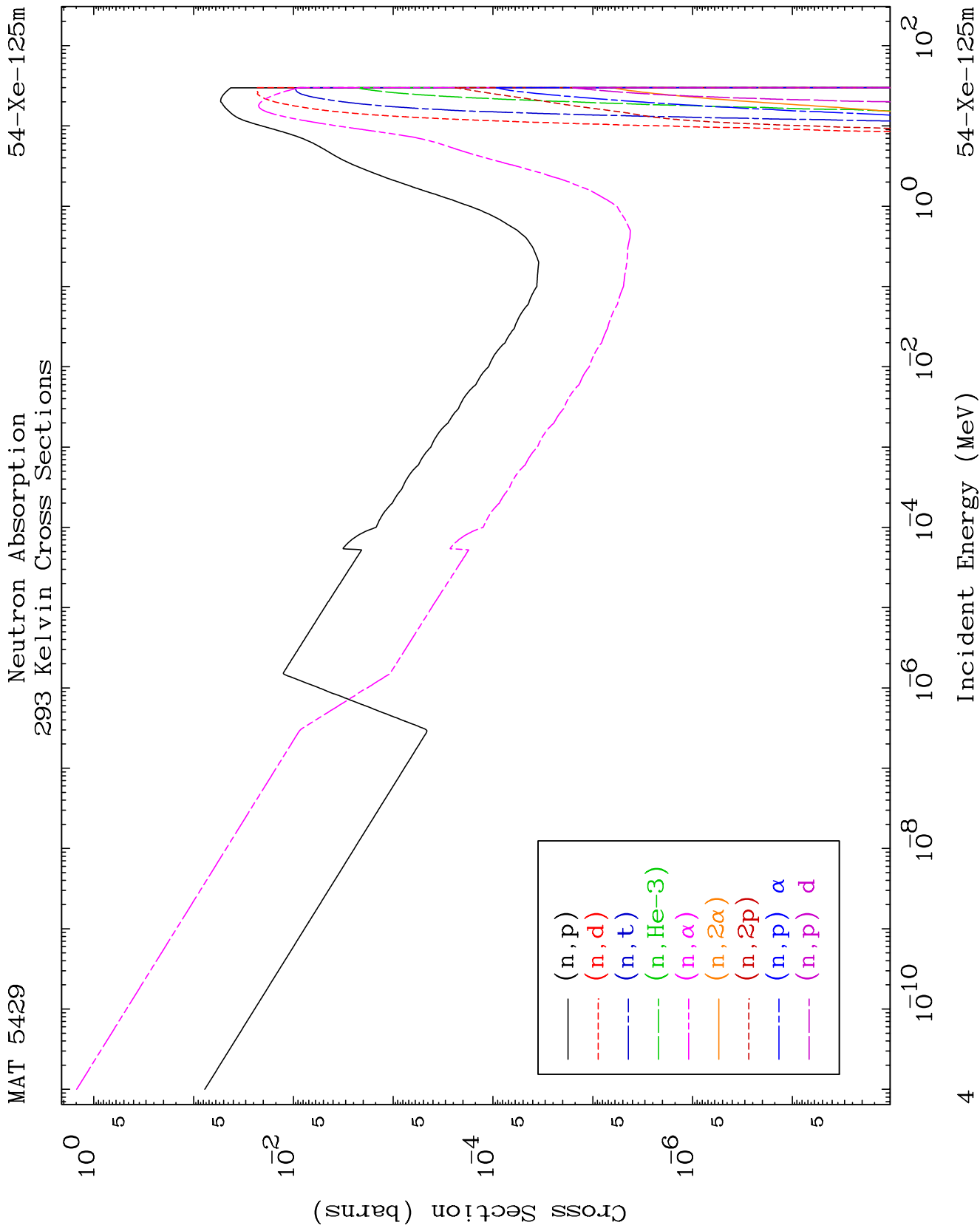
MAT 5429

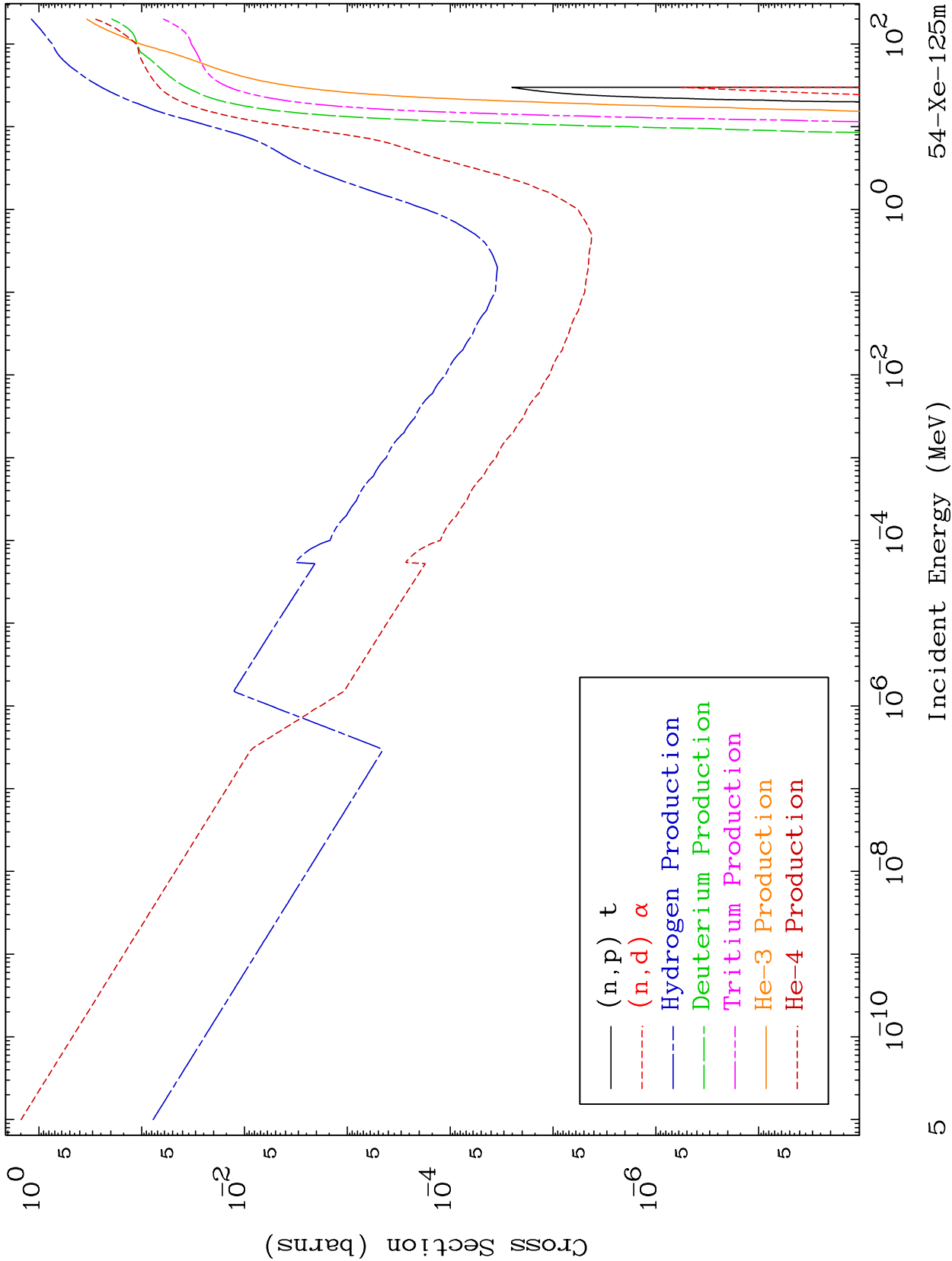
Neutron Absorption 293 Kelvin Cross Sections

54-Xe-125m





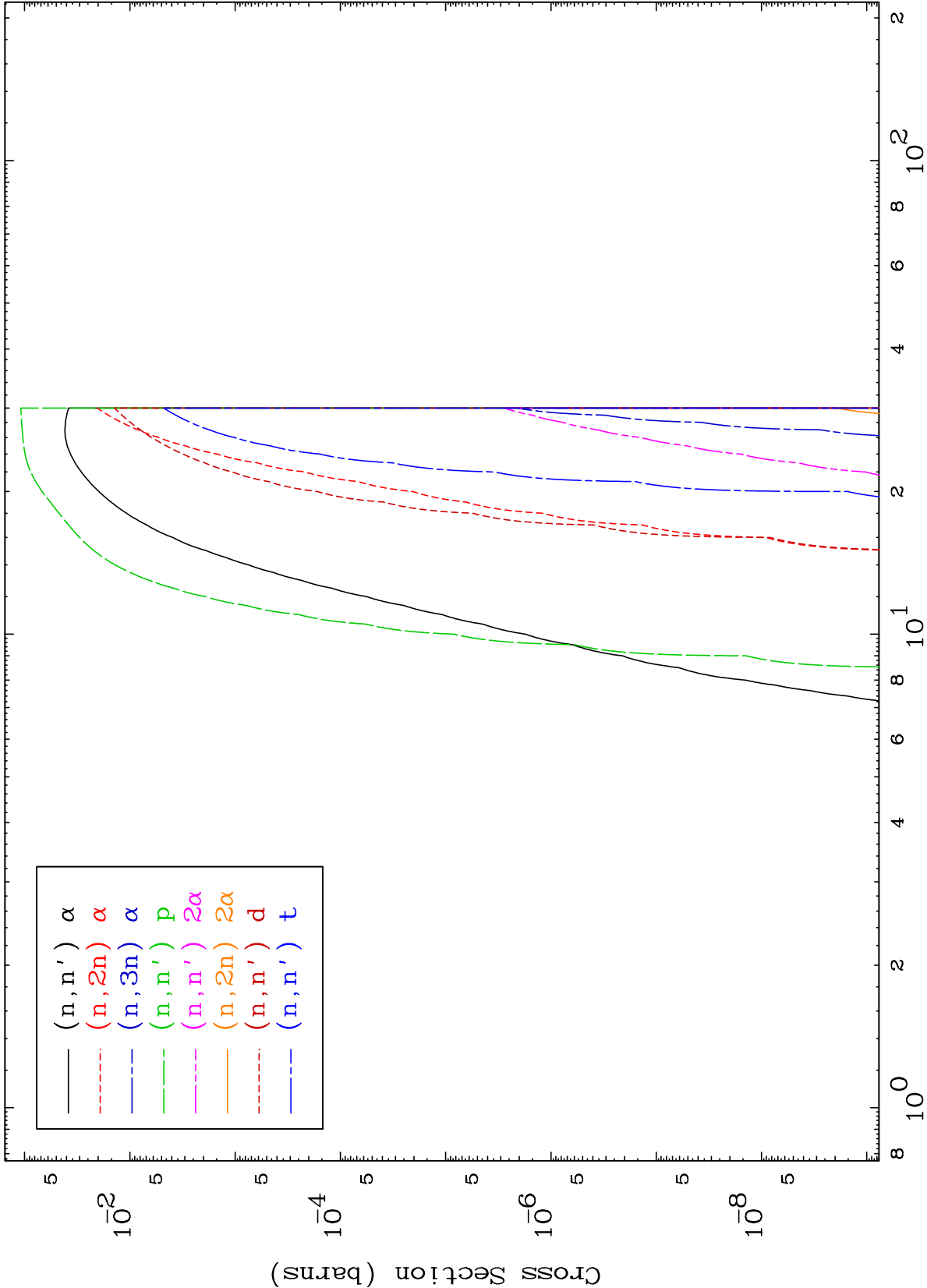




MAT 5429

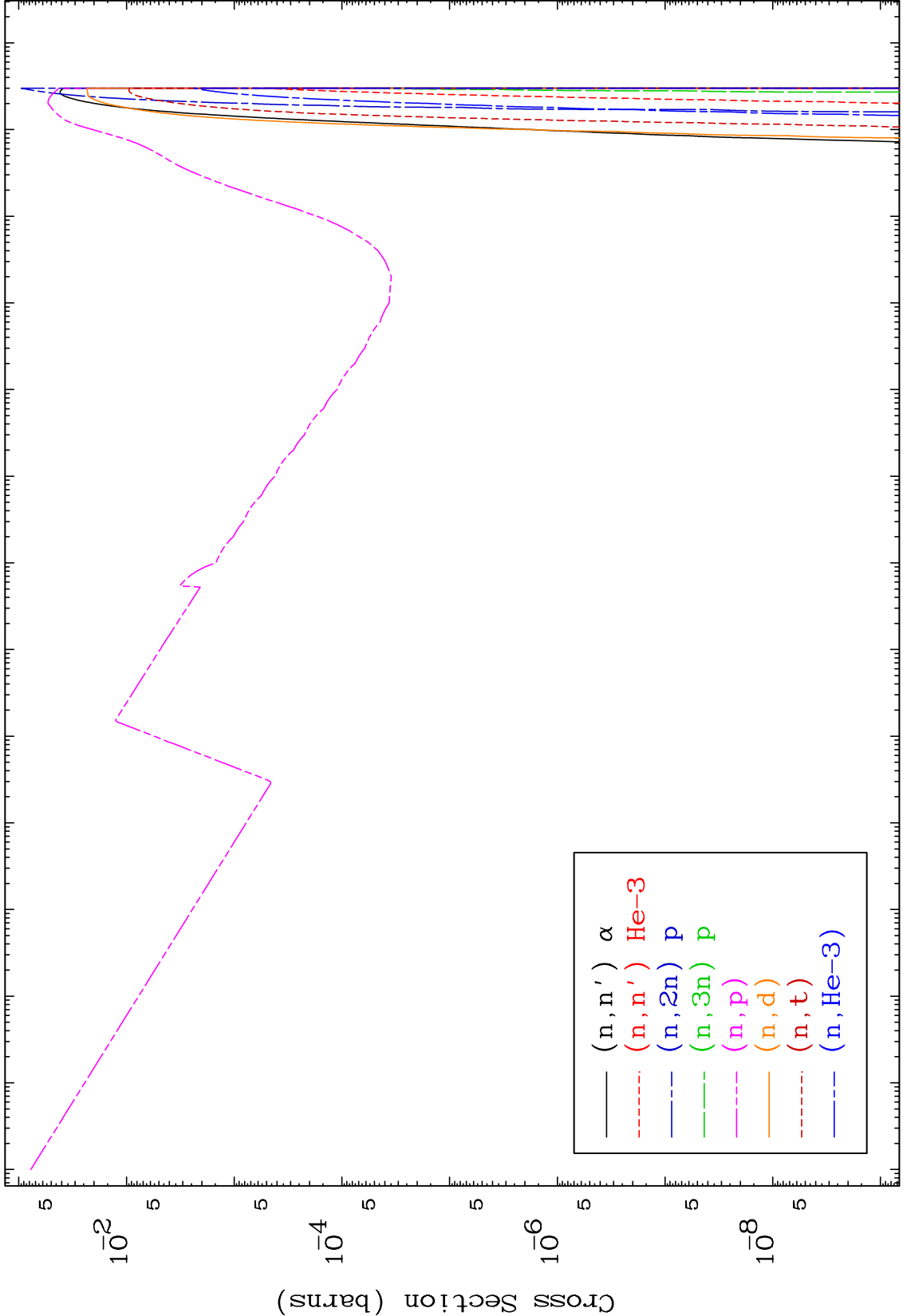
Charged Particle
293 Kelvin Cross Sections

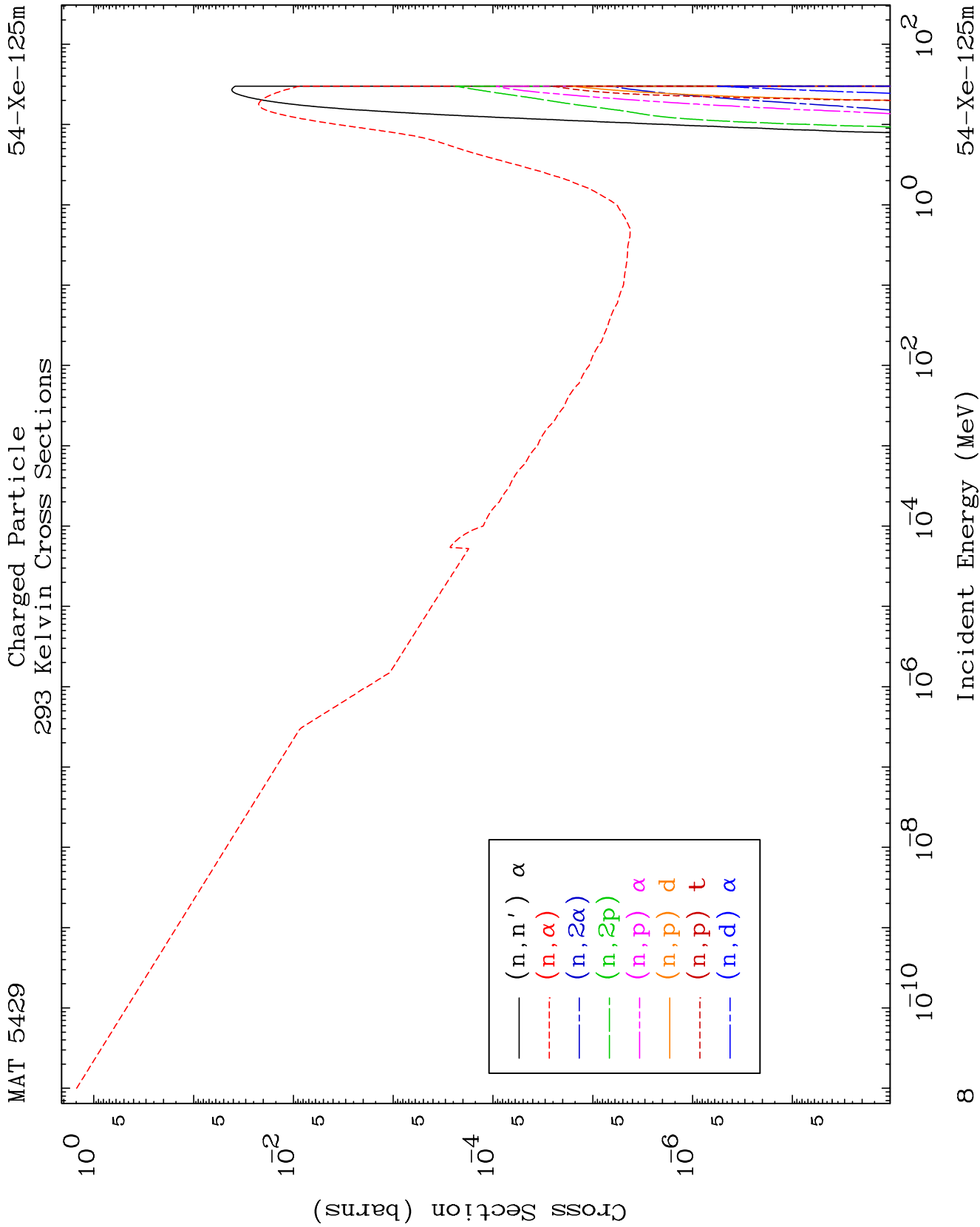
54-Xe-125m

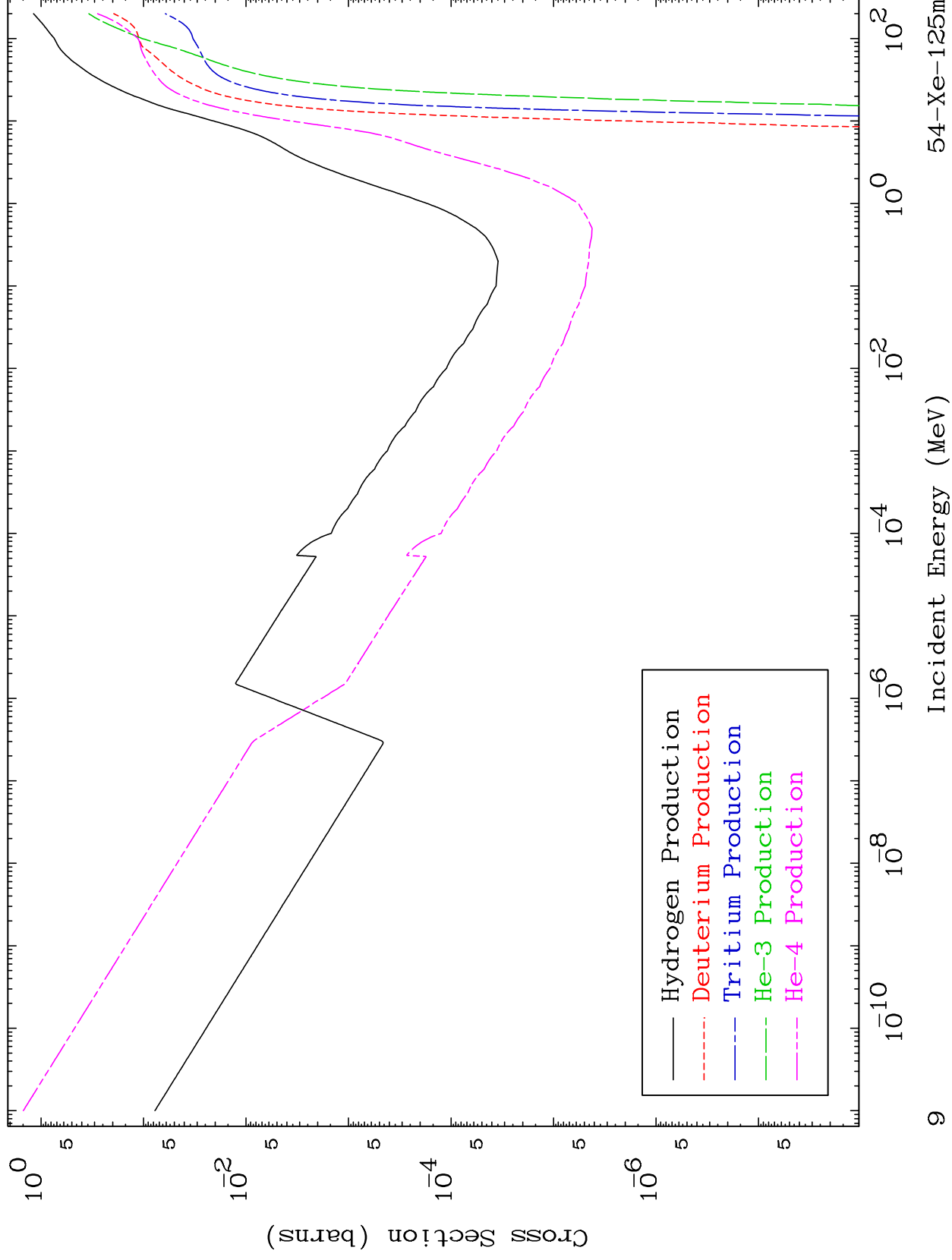


Incident Energy (MeV)

54-Xe-125m



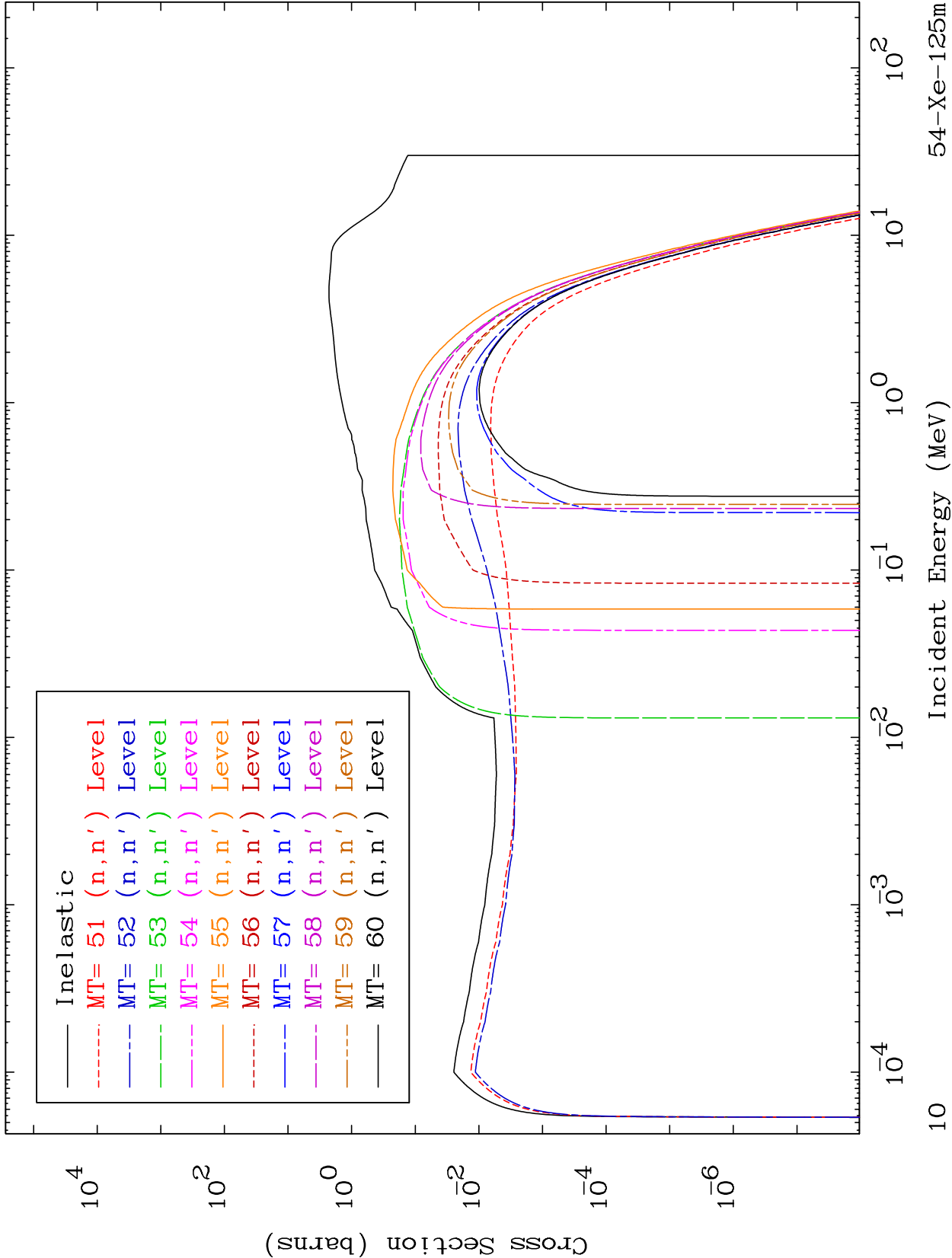




MAT 5429

(n,n') Levels
293 Kelvin Cross Sections

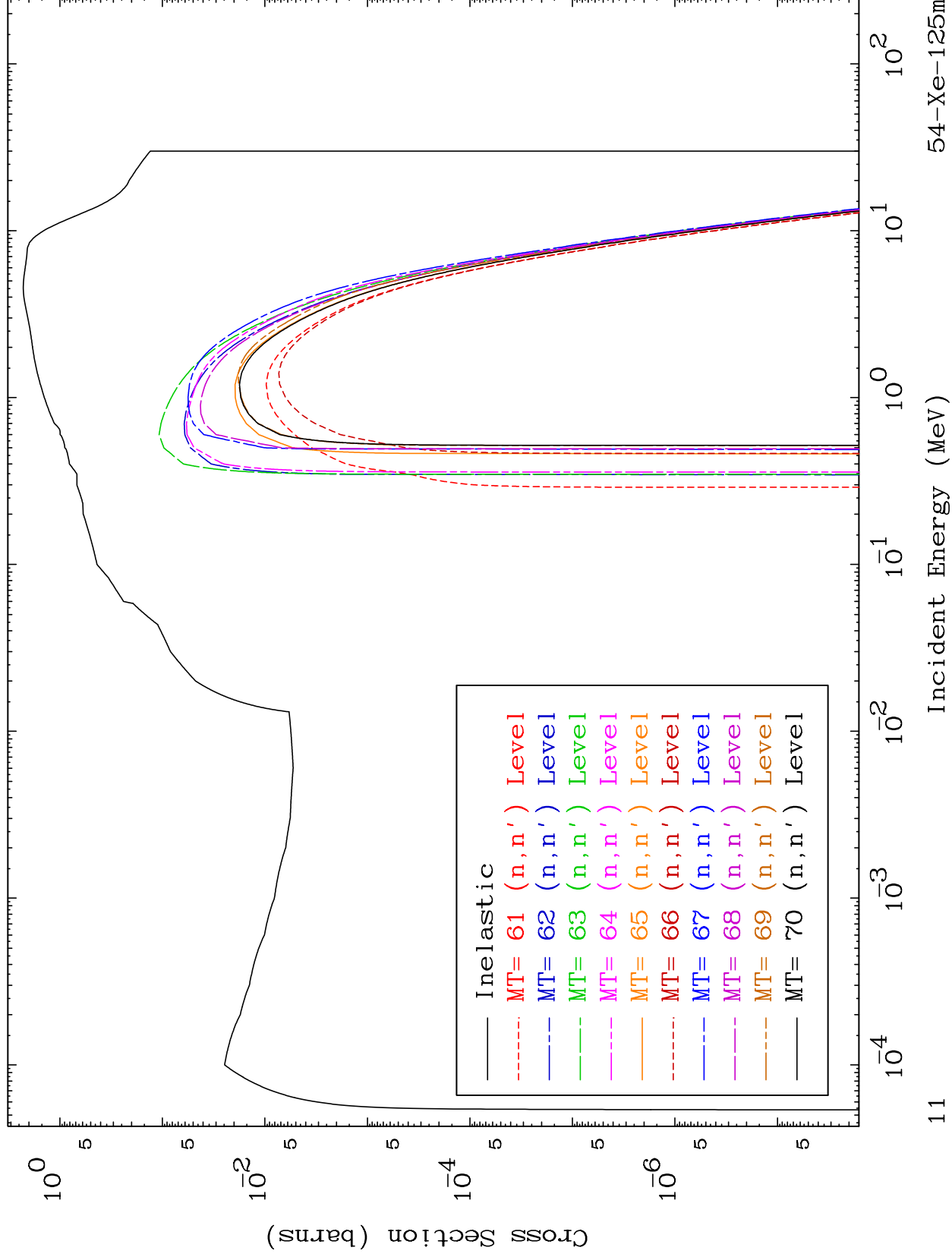
54-Xe-125m



MAT 5429

(n,n') Levels
293 Kelvin Cross Sections

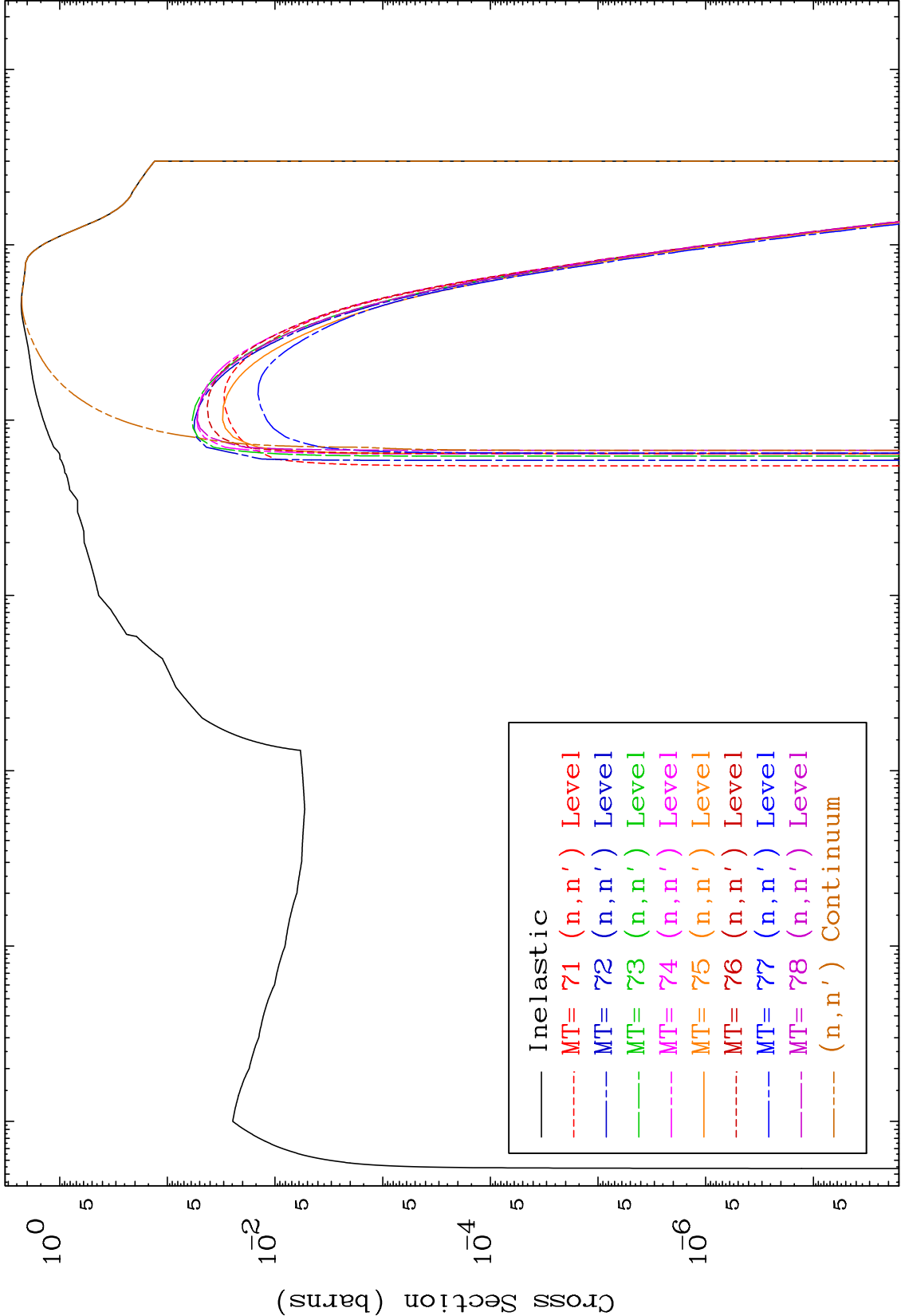
54-Xe-125m



MAT 5429

(n,n') Levels
293 Kelvin Cross Sections

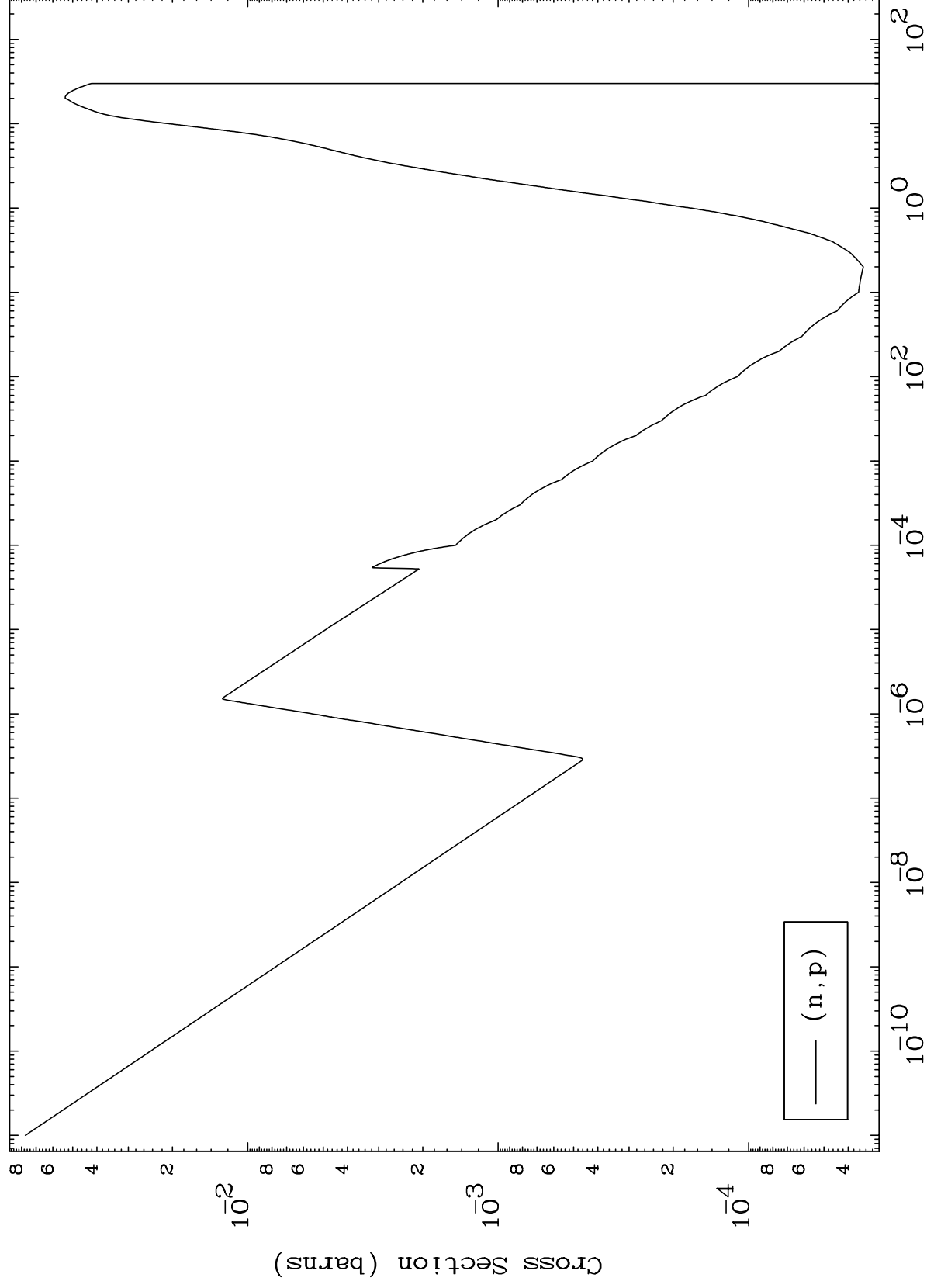
54-Xe-125m



MAT 5429

(n,p) Levels
293 Kelvin Cross Sections

54-Xe-125m



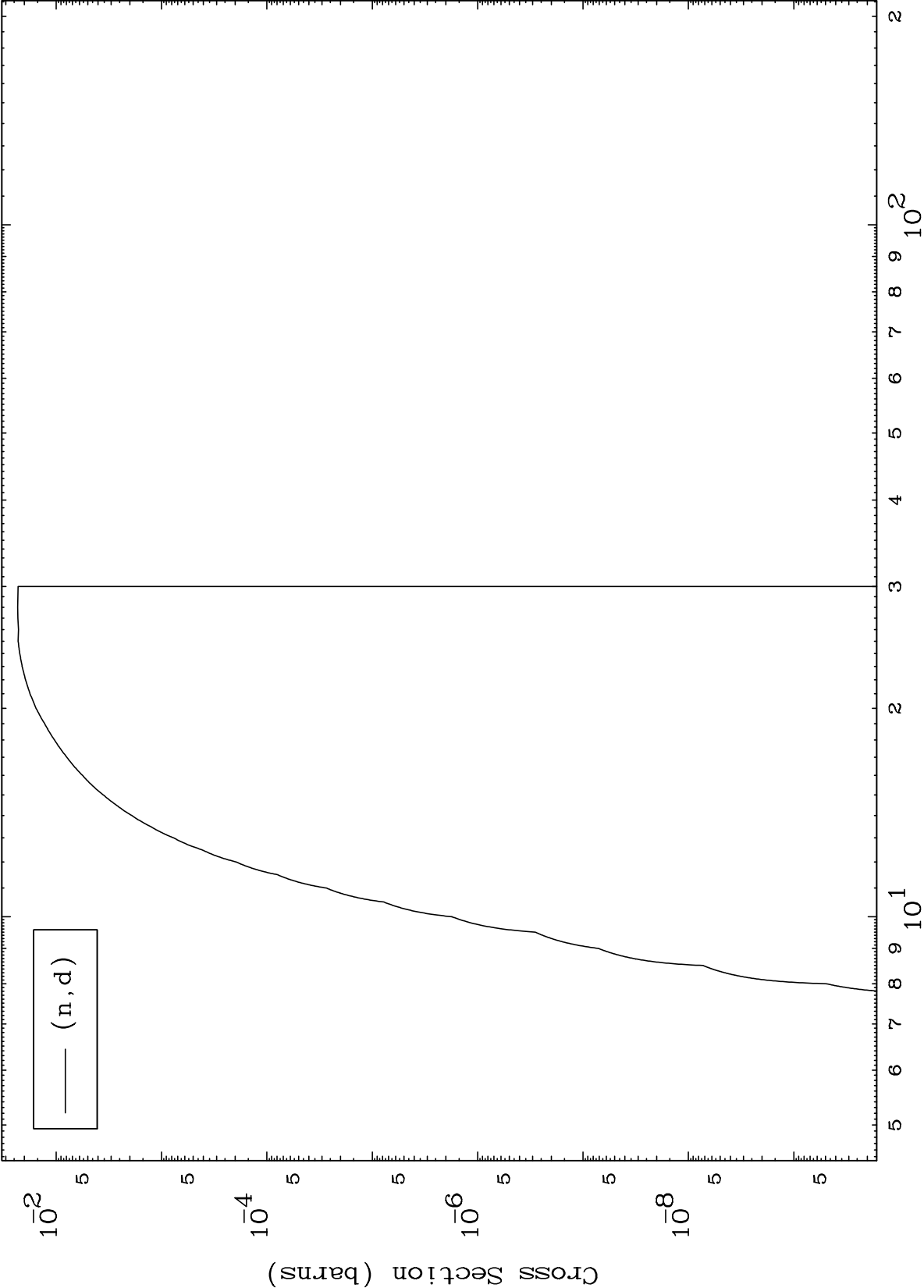
13

54-Xe-125m

MAT 5429

(n,d) Levels
293 Kelvin Cross Sections

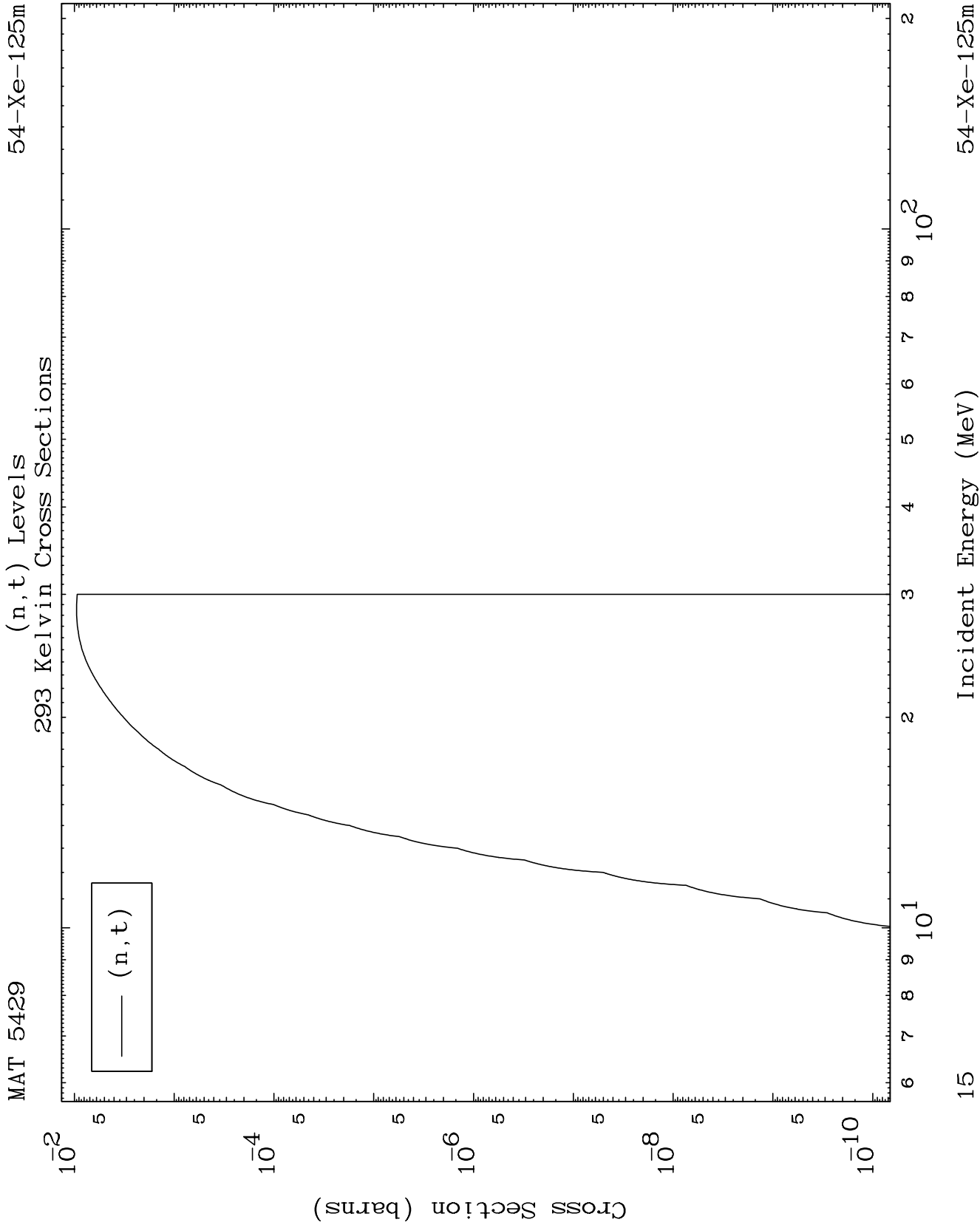
54-Xe-125m



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Incident Energy (MeV)

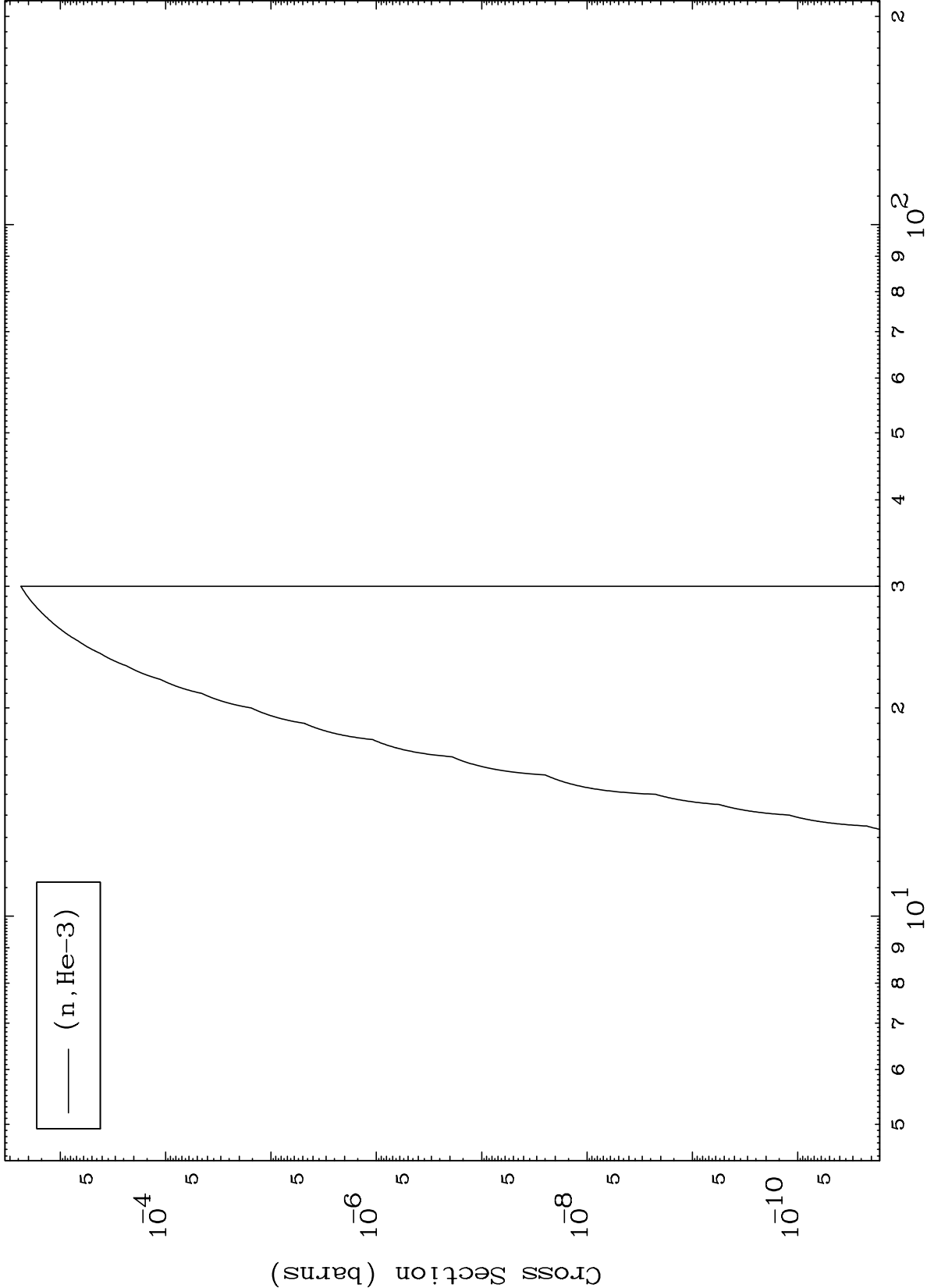
54-Xe-125m



MAT 5429

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-125m



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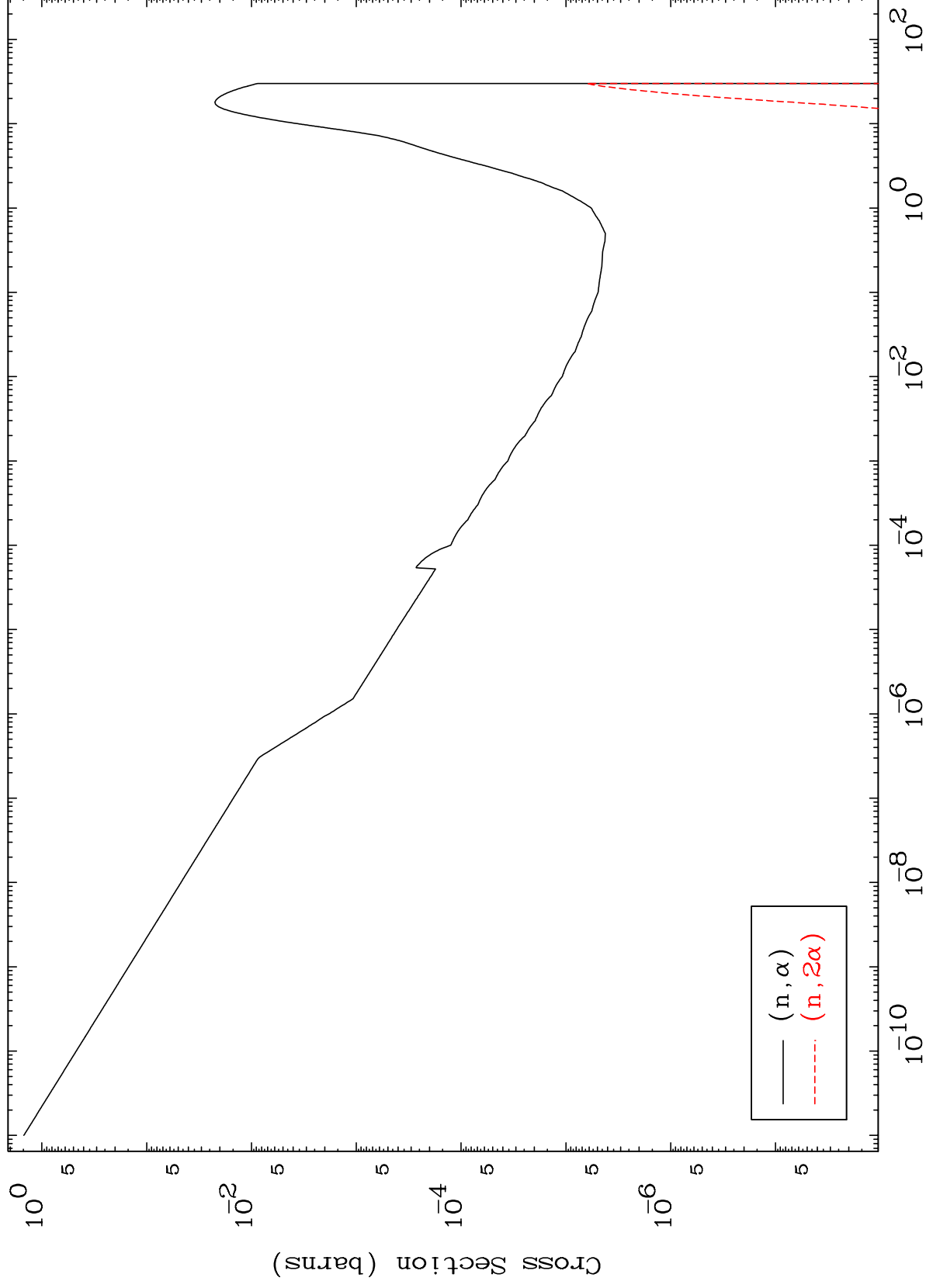
Incident Energy (MeV)

54-Xe-125m

MAT 5429

(n, α) Levels
293 Kelvin Cross Sections

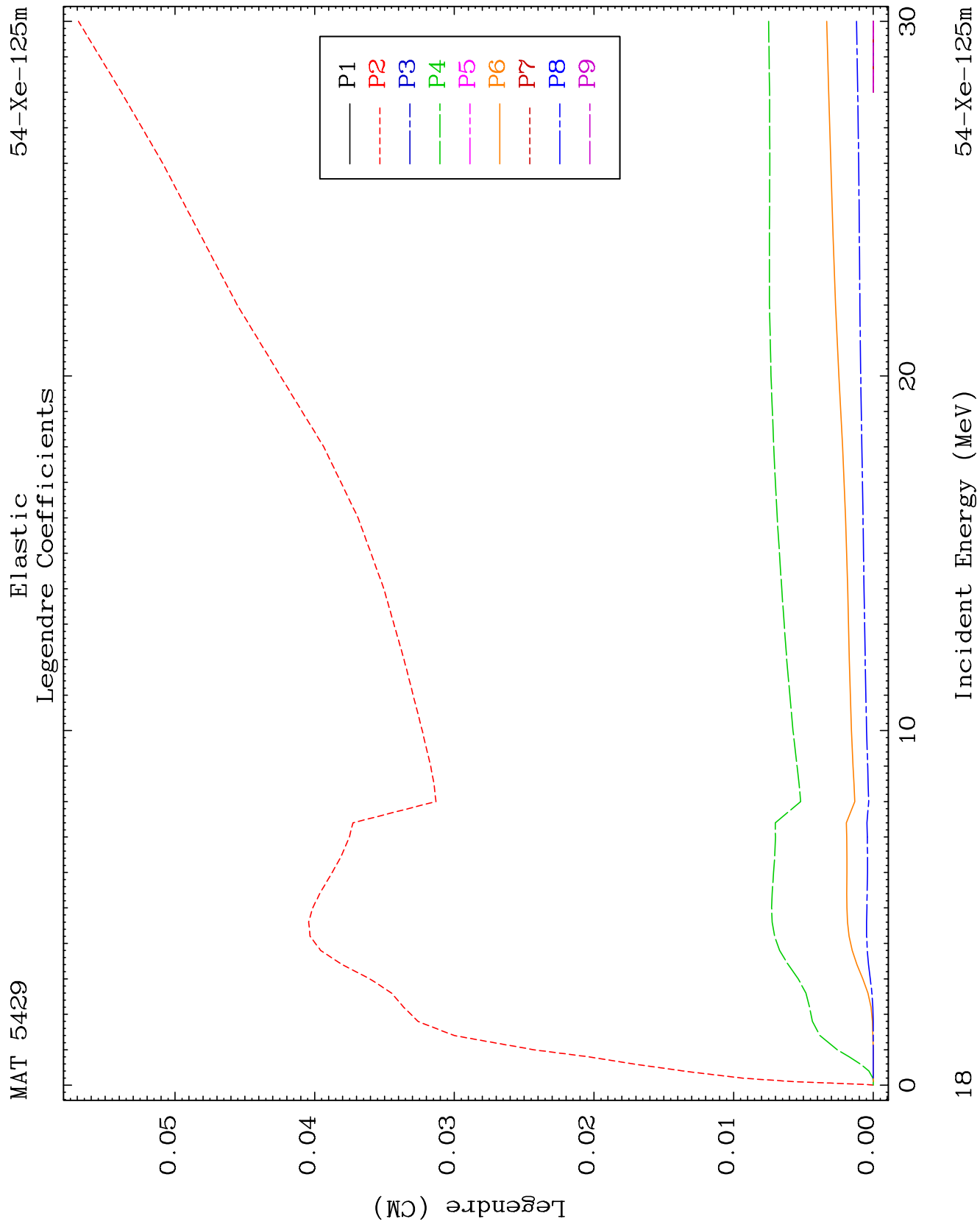
54-Xe-125m

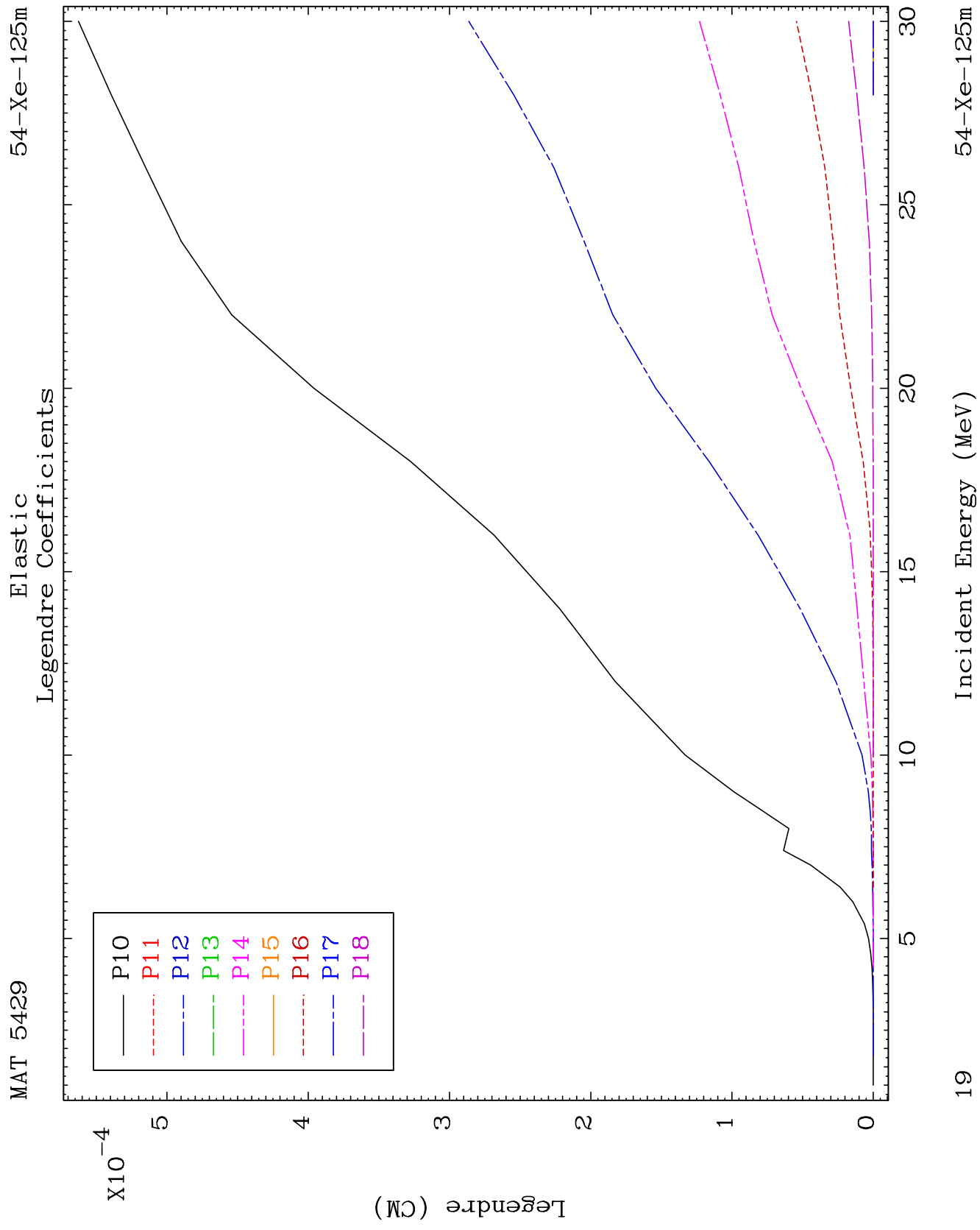


17

Incident Energy (MeV)

54-Xe-125m

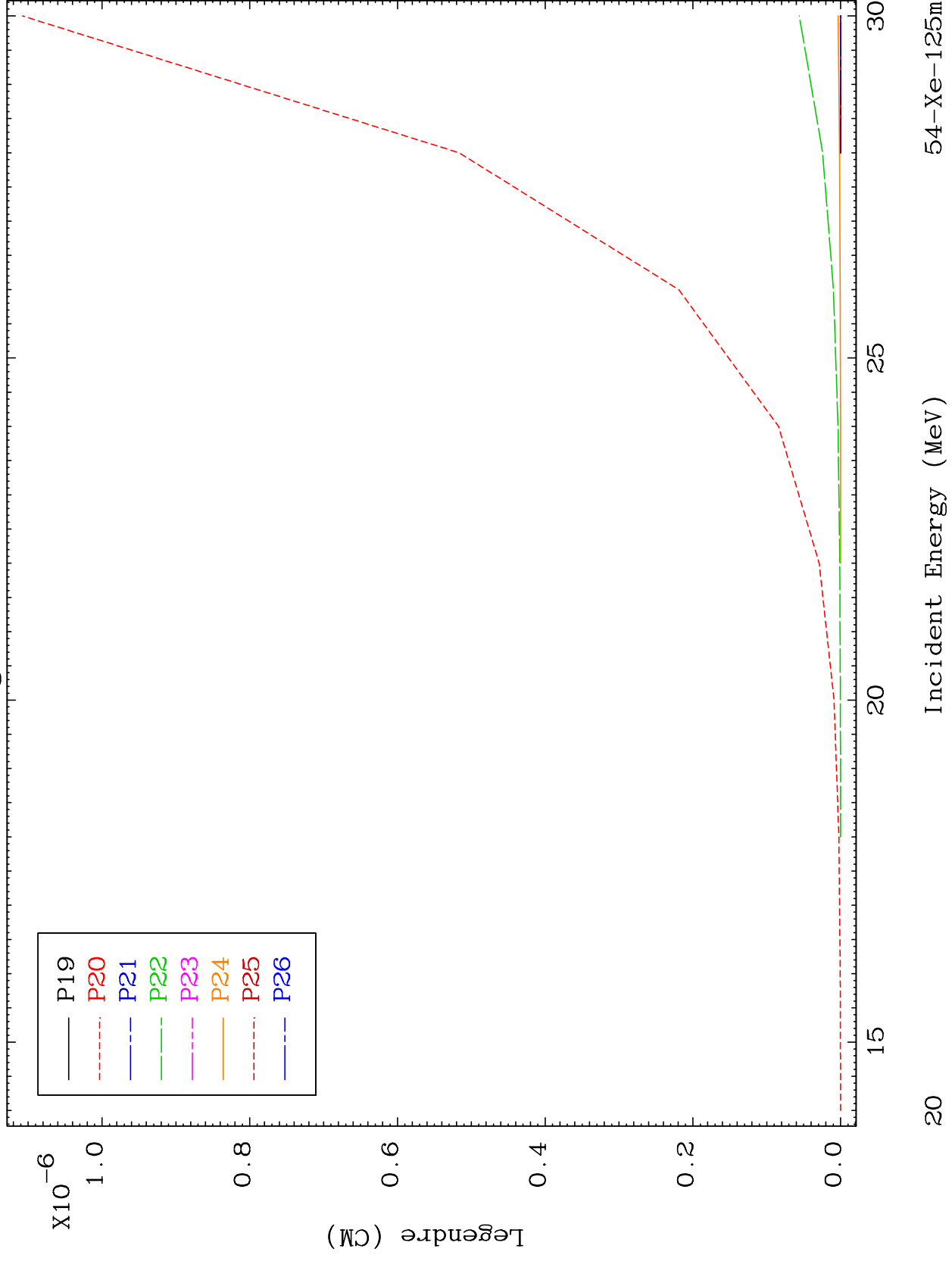




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Elastic Legendre Coefficients

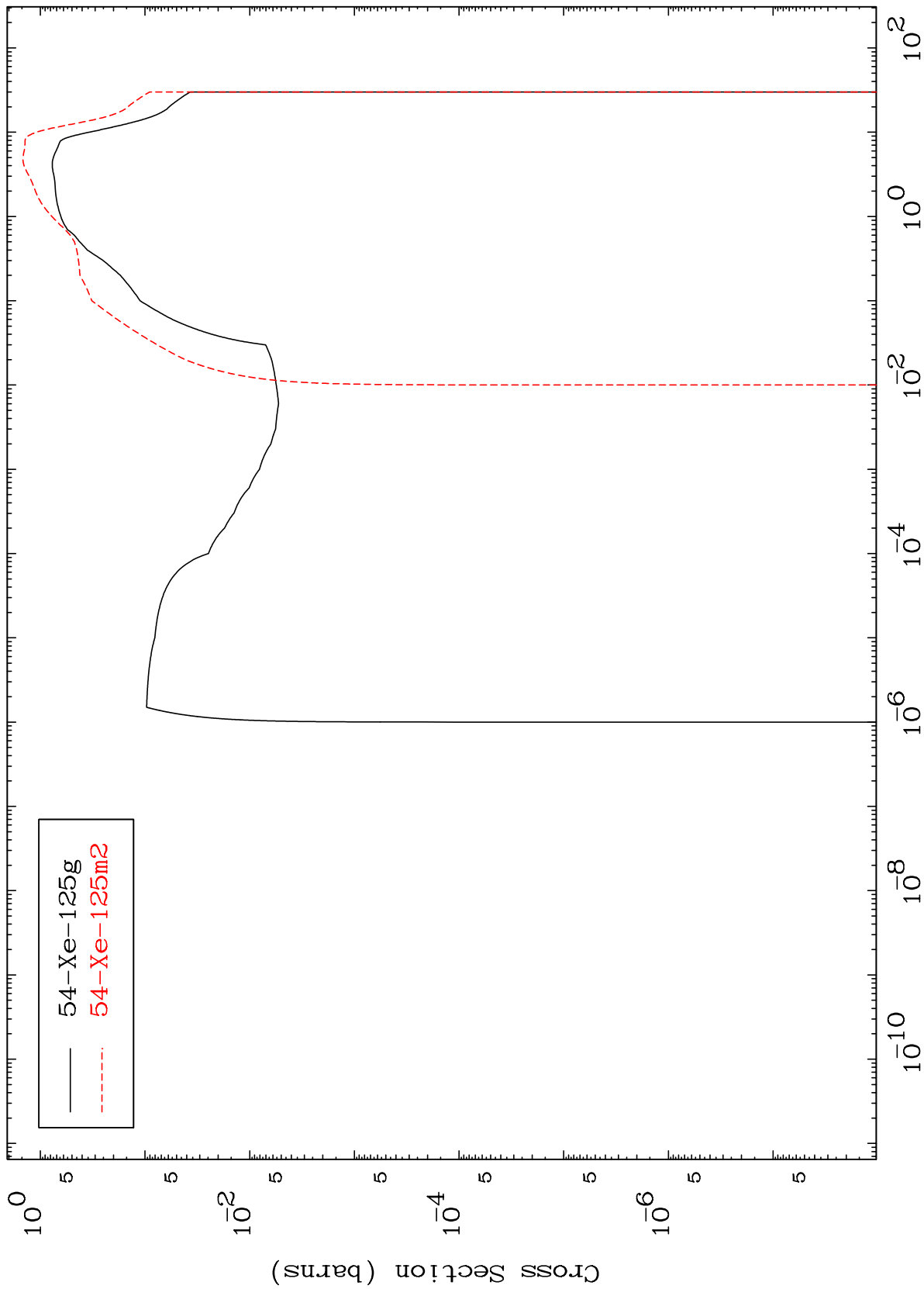
54-Xe-125m



MAT 5429

54-Xe-125m

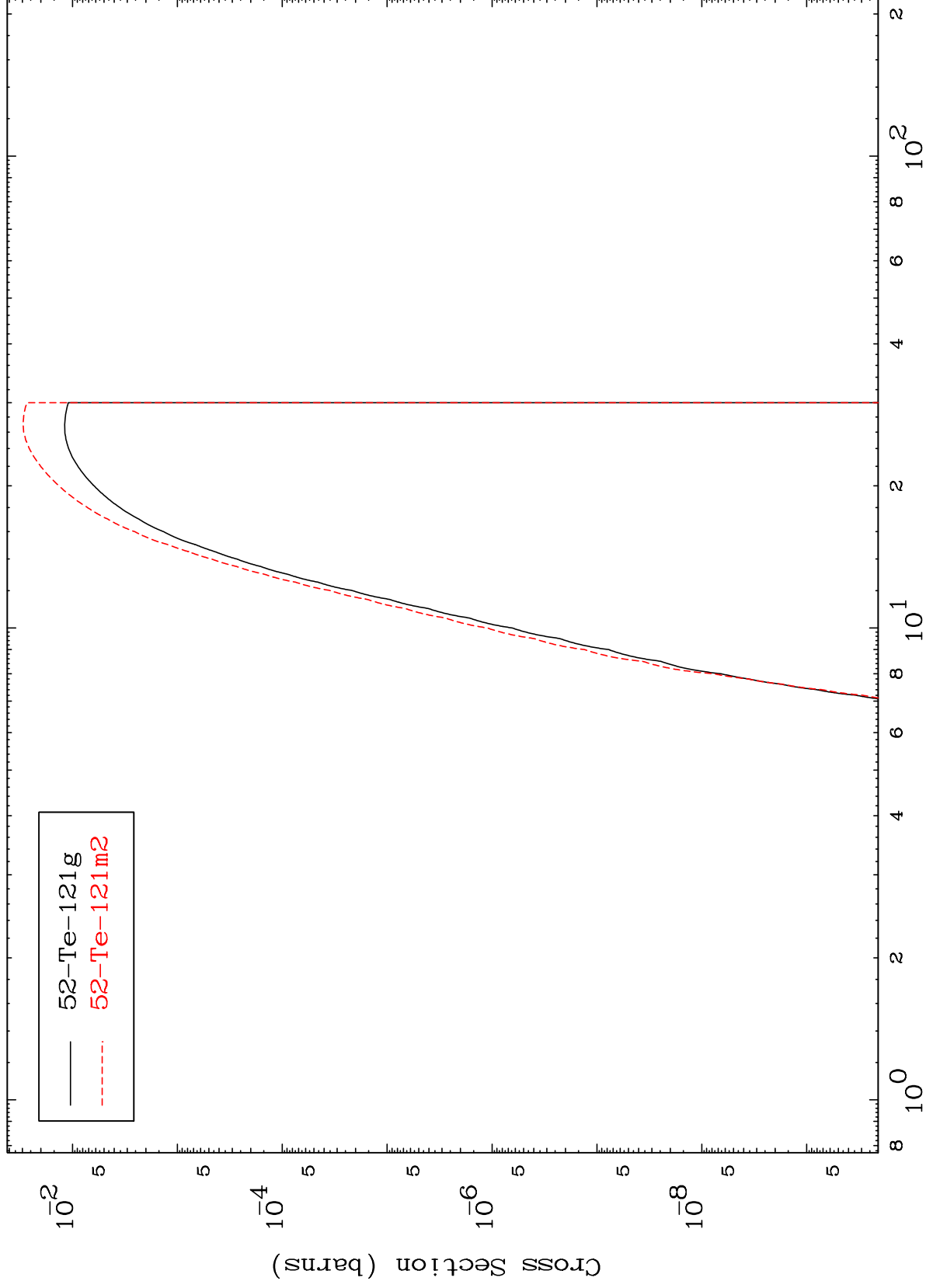
Inelastic
Radionuclide Production Cross Section



MAT 5429

54-Xe-125m

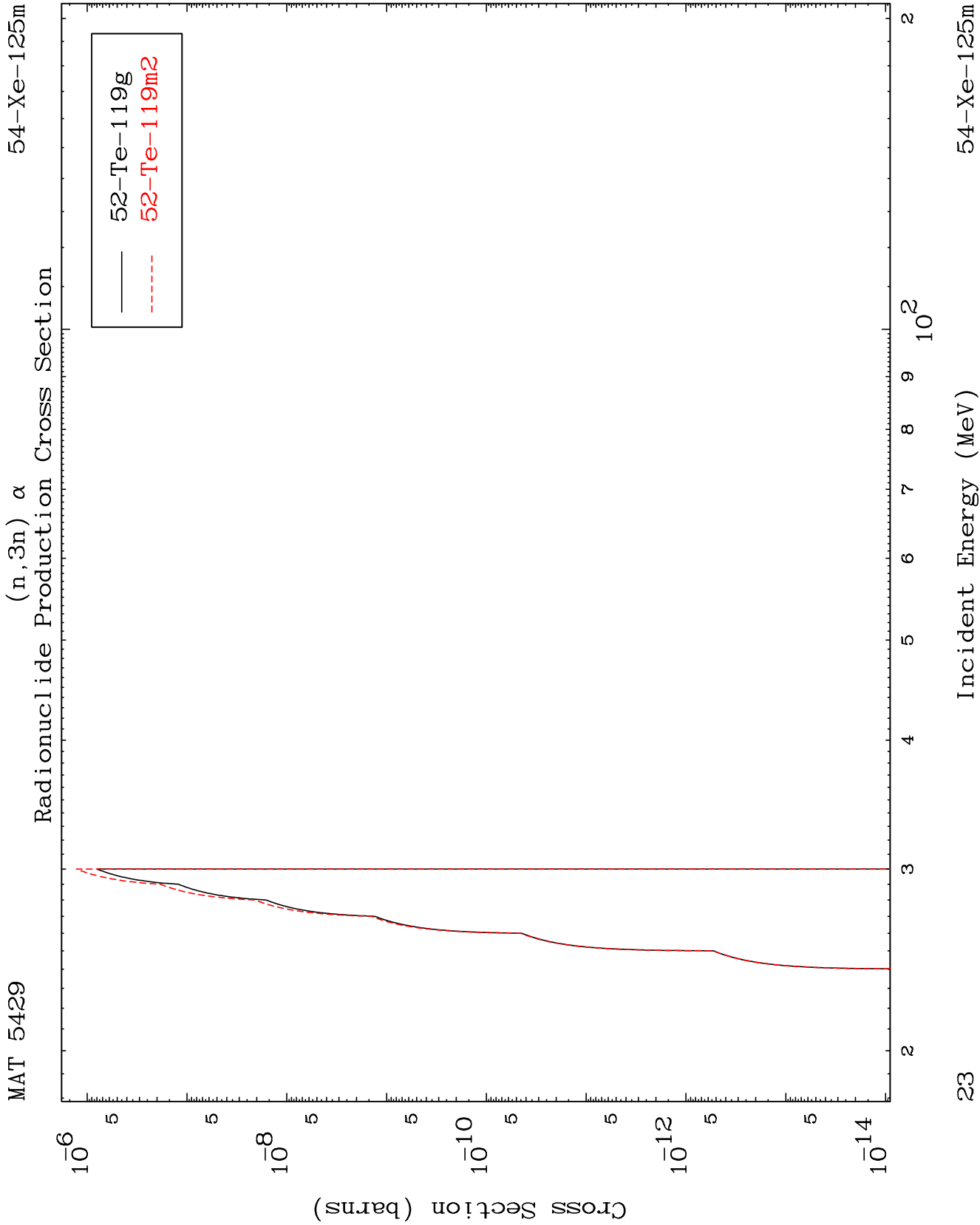
$(n,n') \alpha$
Radionuclide Production Cross Section



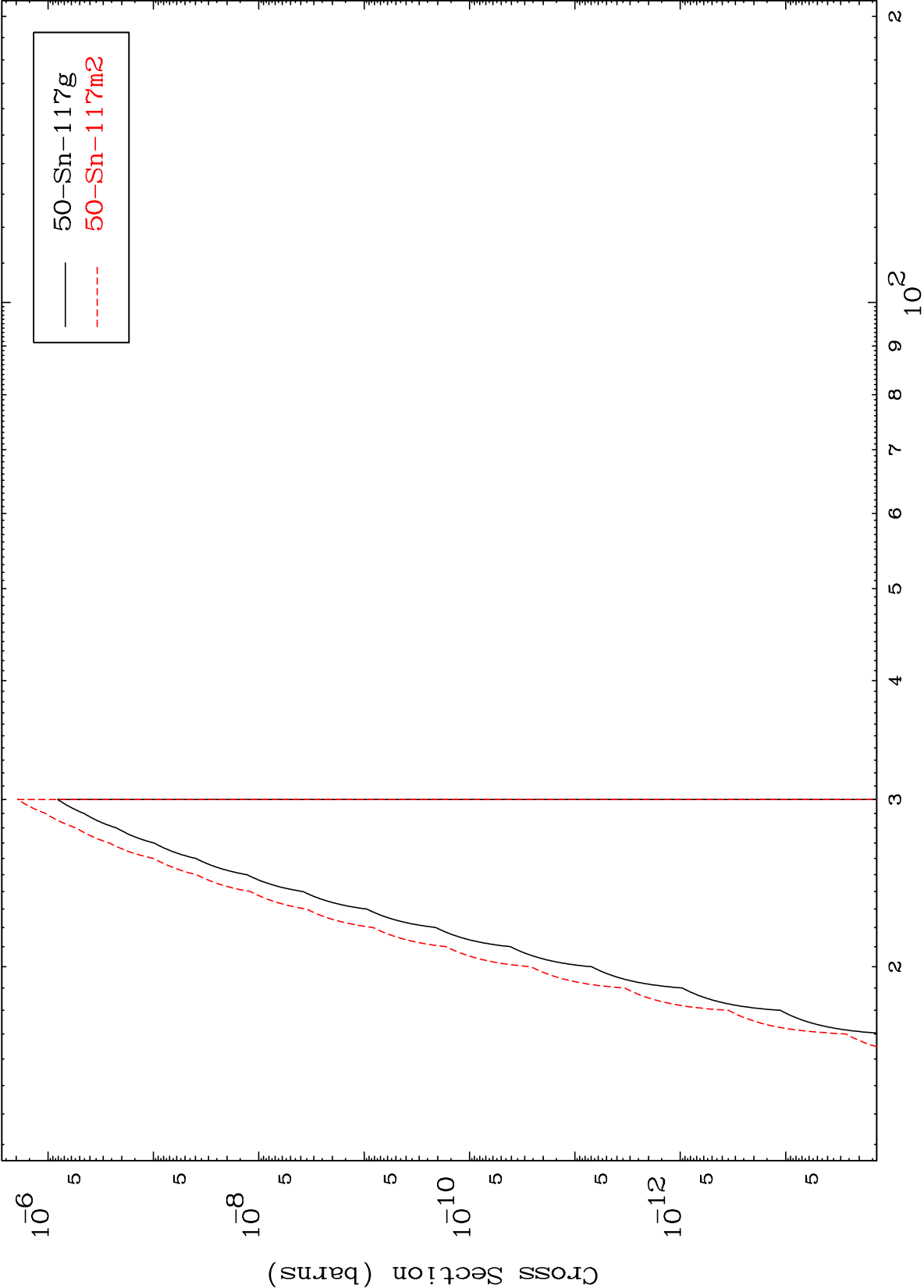
54-Xe-125m

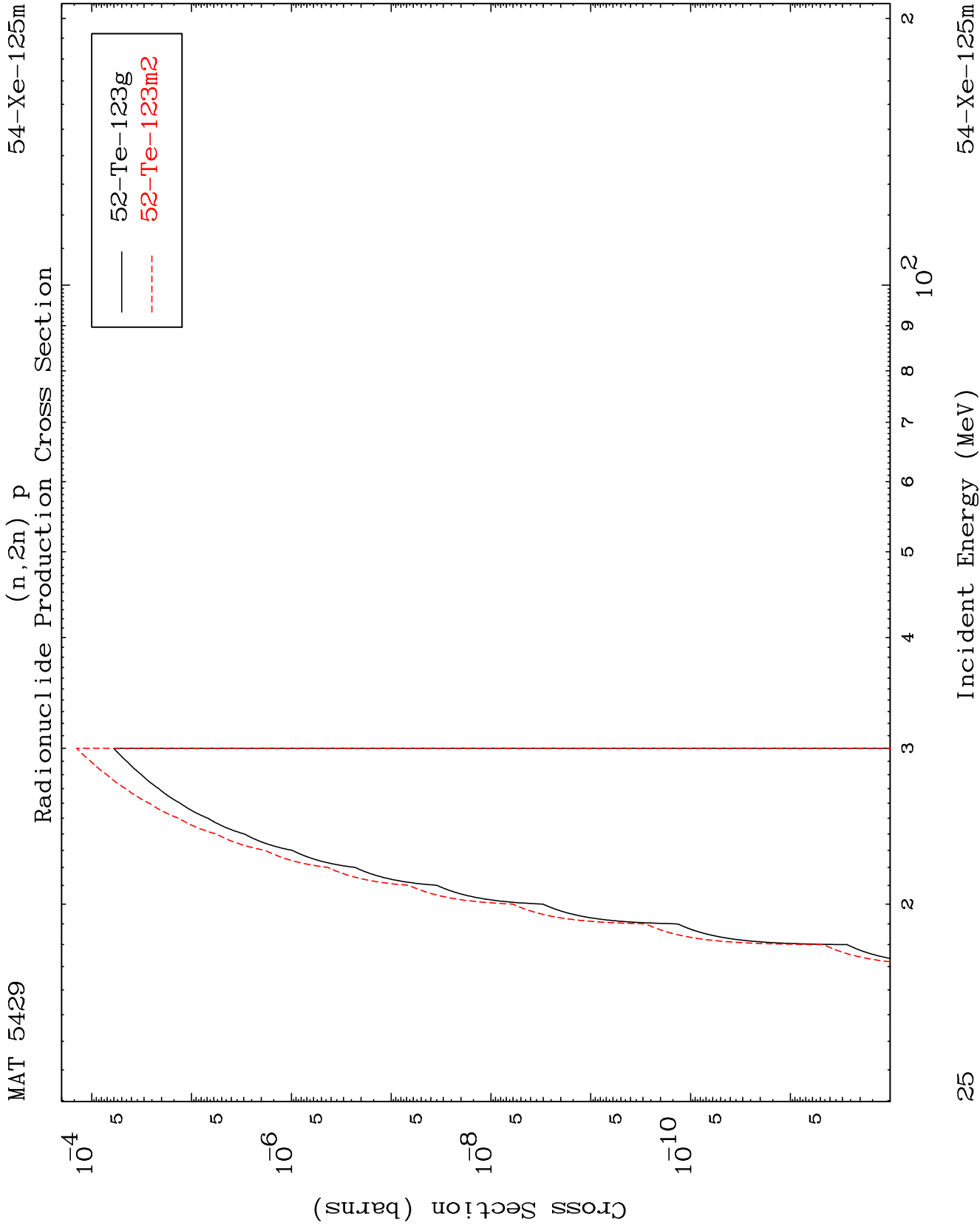
Incident Energy (MeV)

22

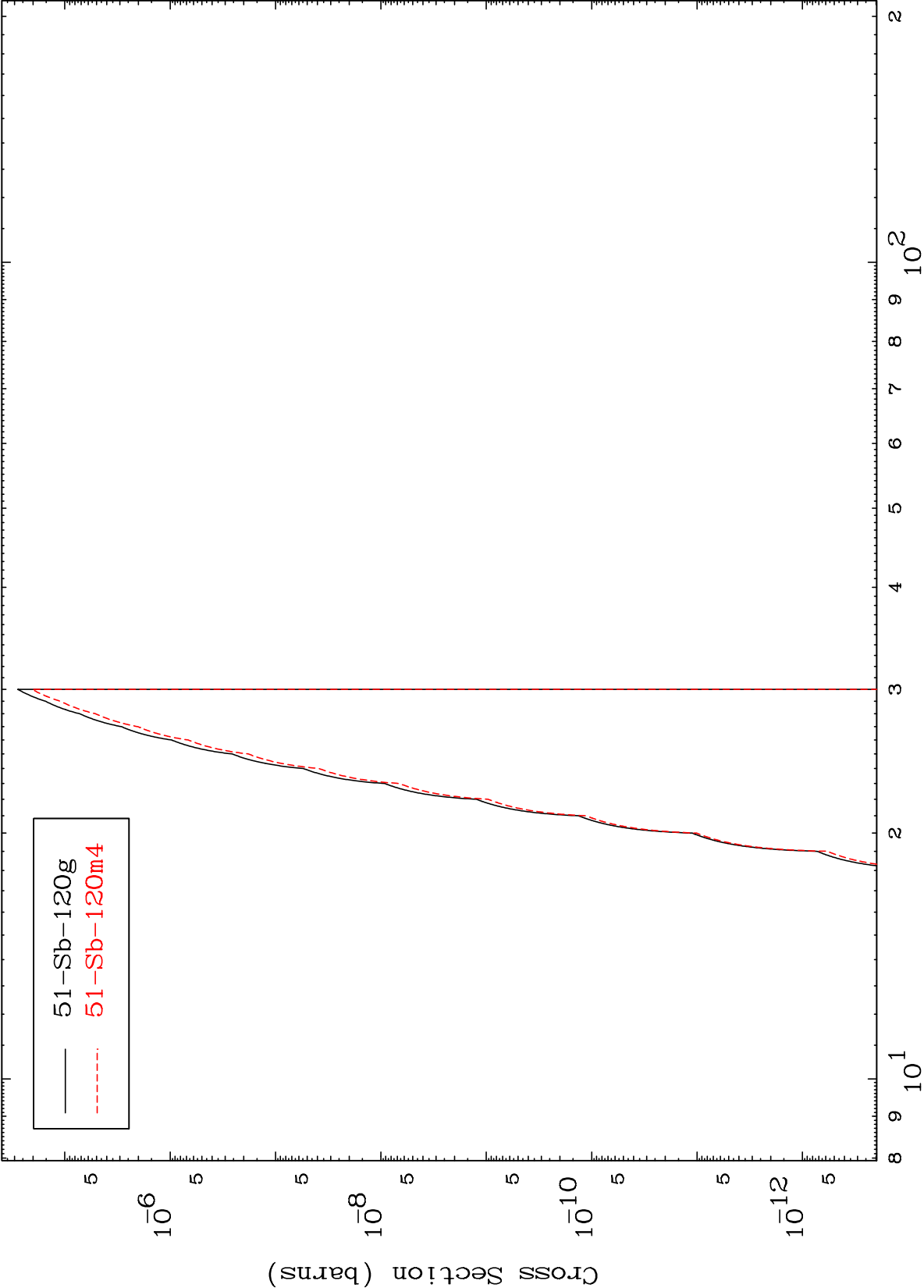


Radionuclide Production Cross Section





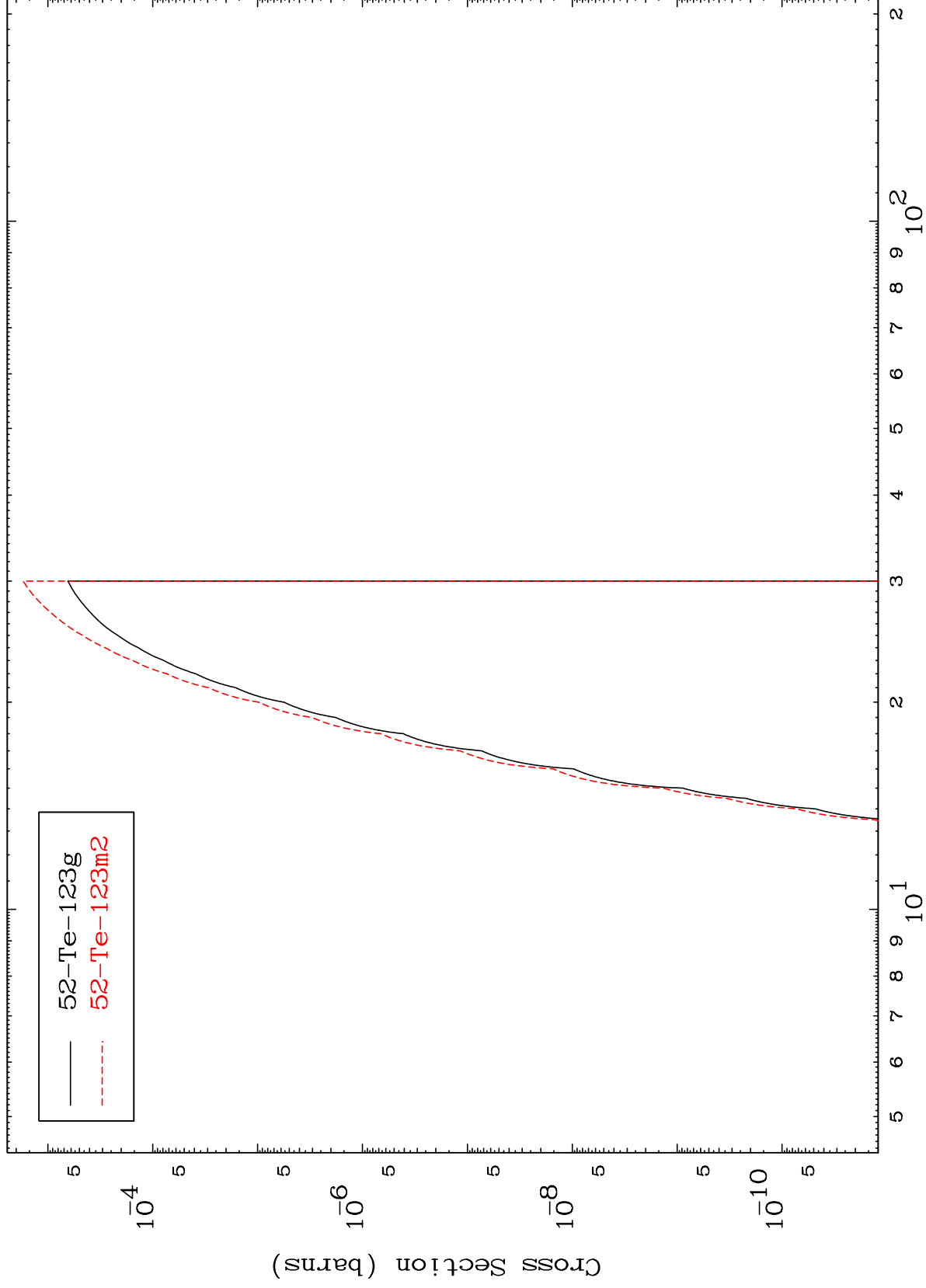
(n,n') p α
Radionuclide Production Cross Section



MAT 5429

54-Xe-125m

Radionuclide Production Cross Section



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Incident Energy (MeV)

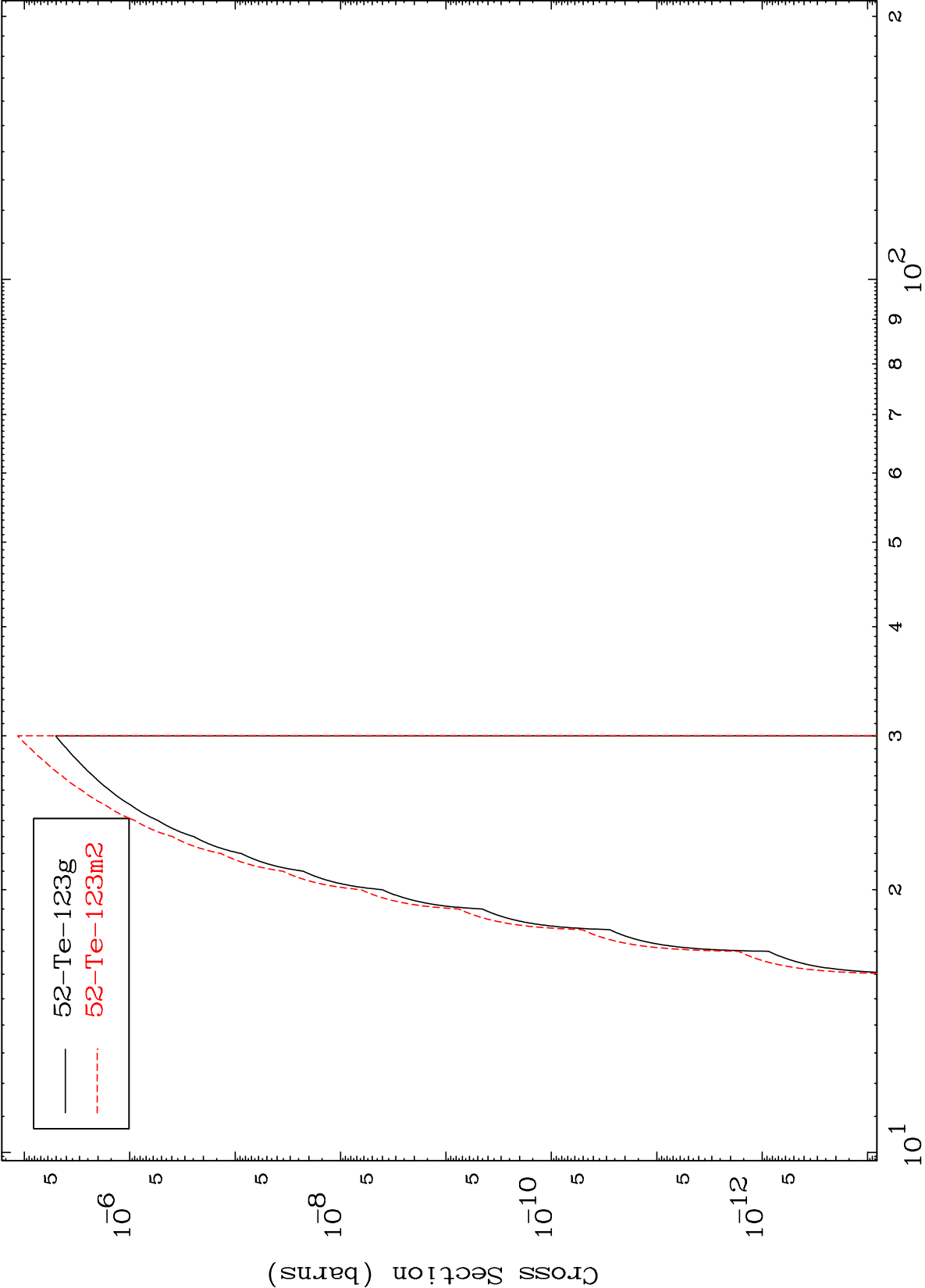
54-Xe-125m

MAT 5429

(n,p) d

54-Xe-125m

Radionuclide Production Cross Section



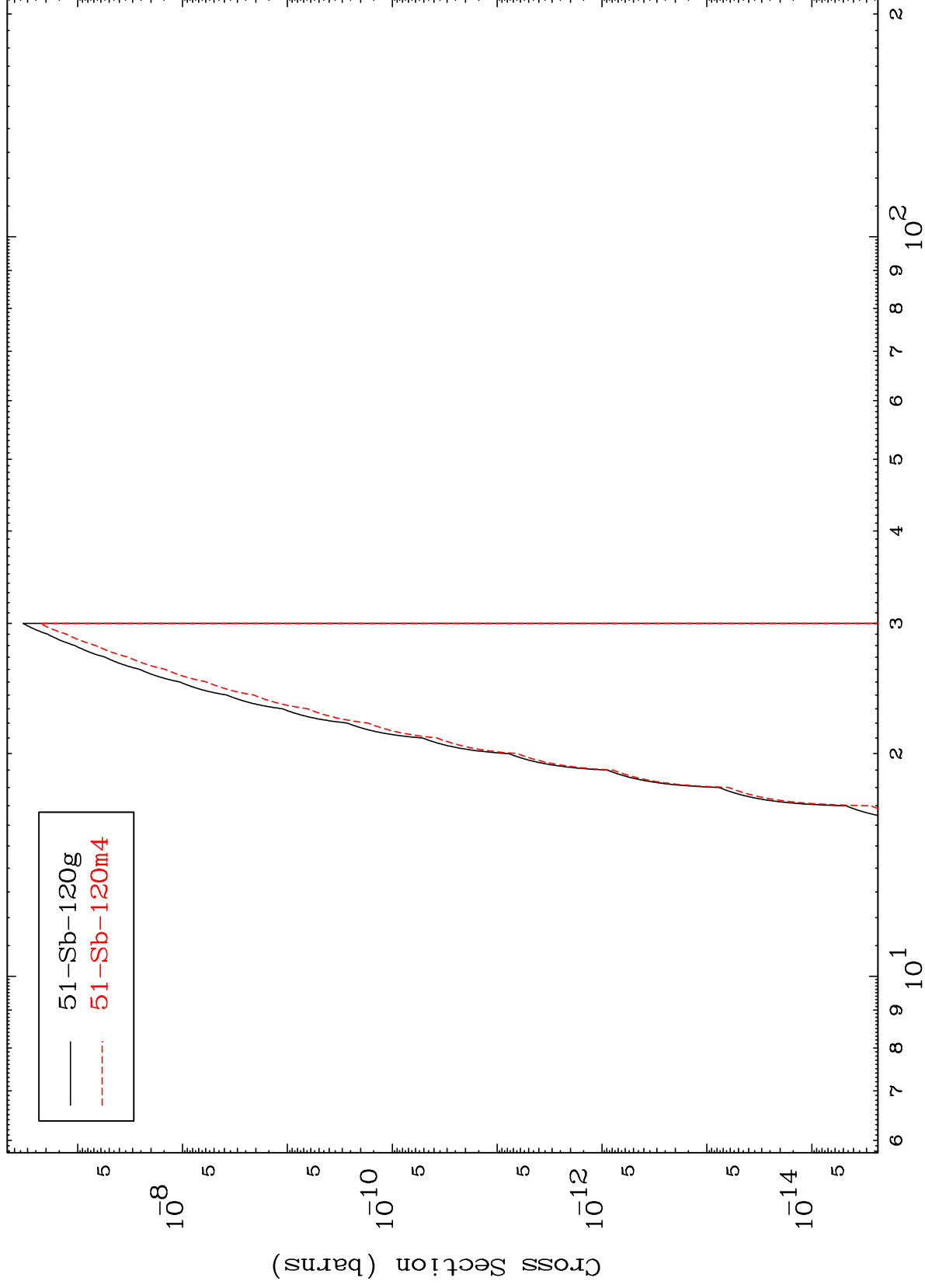
Incident Energy (MeV)

54-Xe-125m

MAT 5429

54-Xe-125m

(n,d) α
Radionuclide Production Cross Section



29

Incident Energy (MeV)

54-Xe-125m