

Program EVALPLOT
(Version 2018-1)

by

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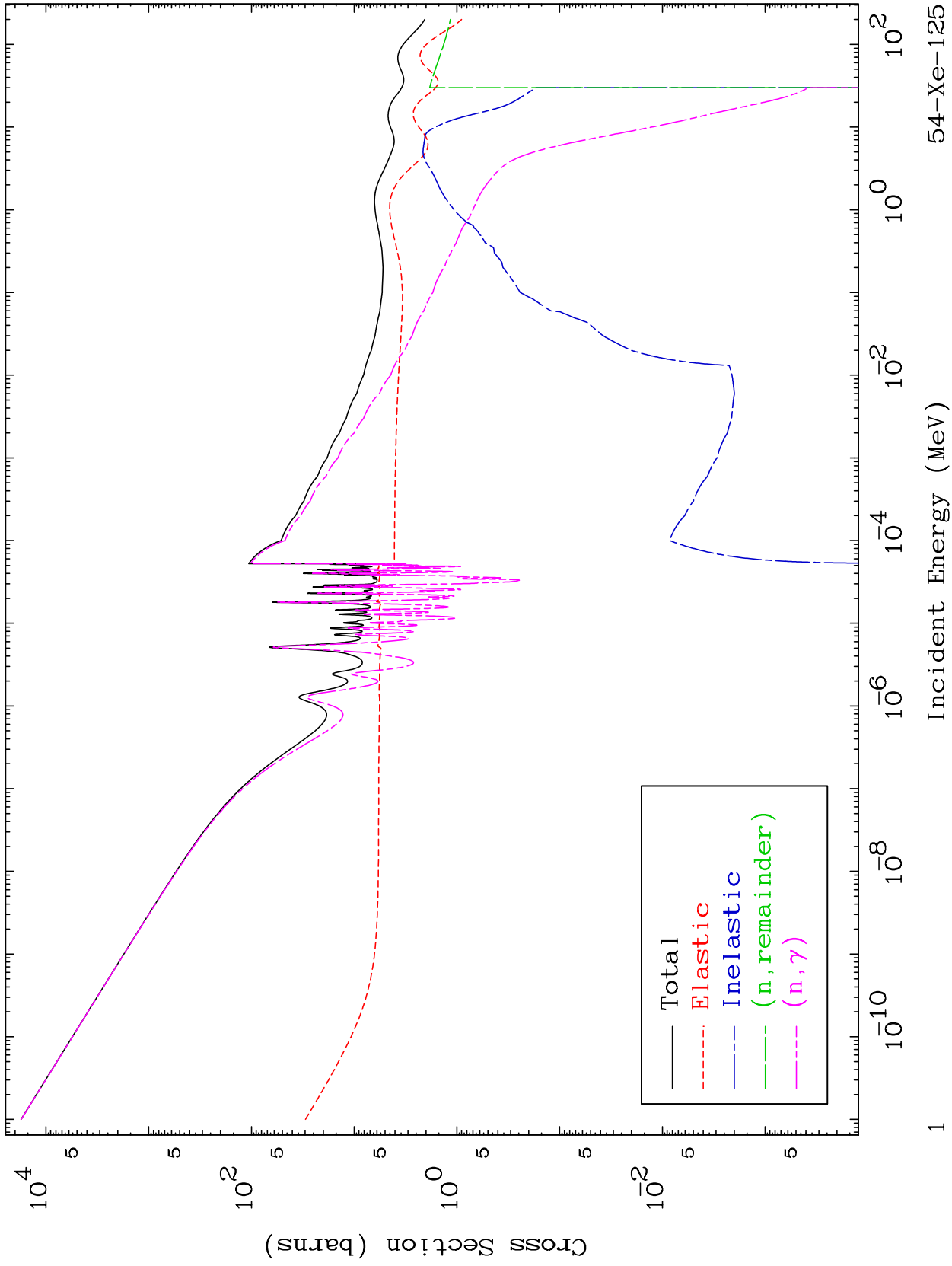
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5429

Major
293 Kelvin Cross Sections

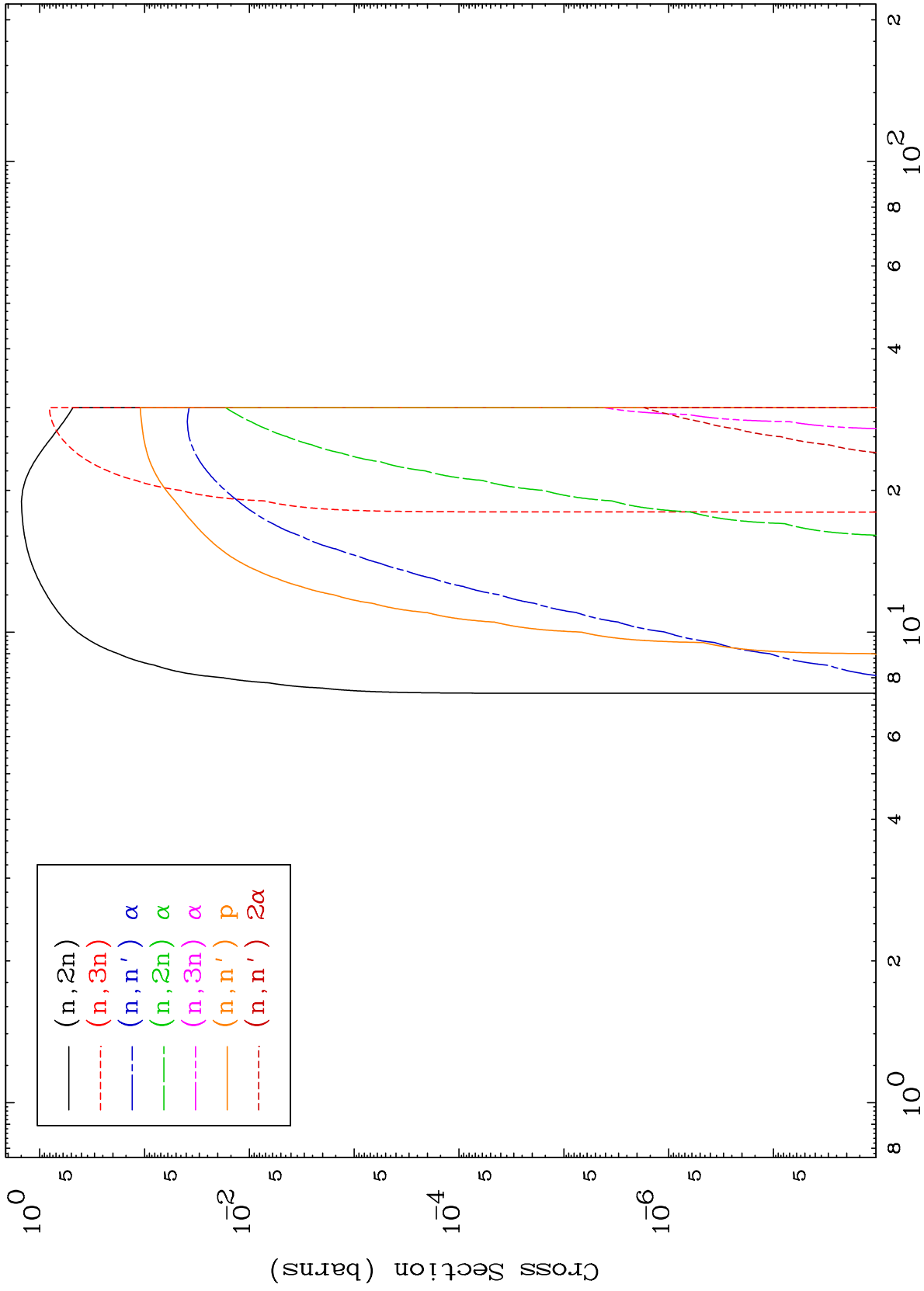
54-Xe-125



MAT 5429

Neutron Production
293 Kelvin Cross Sections

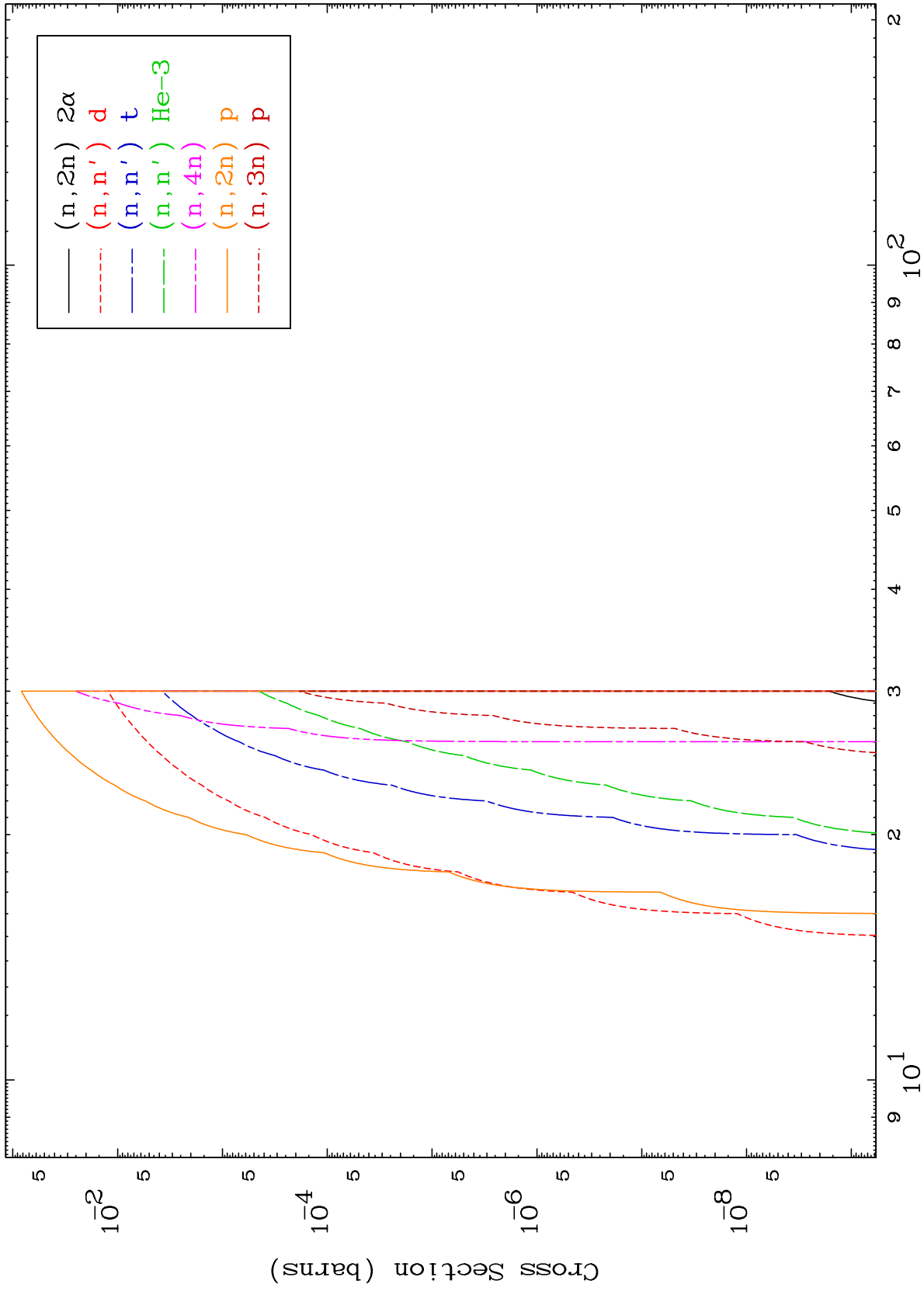
54-Xe-125

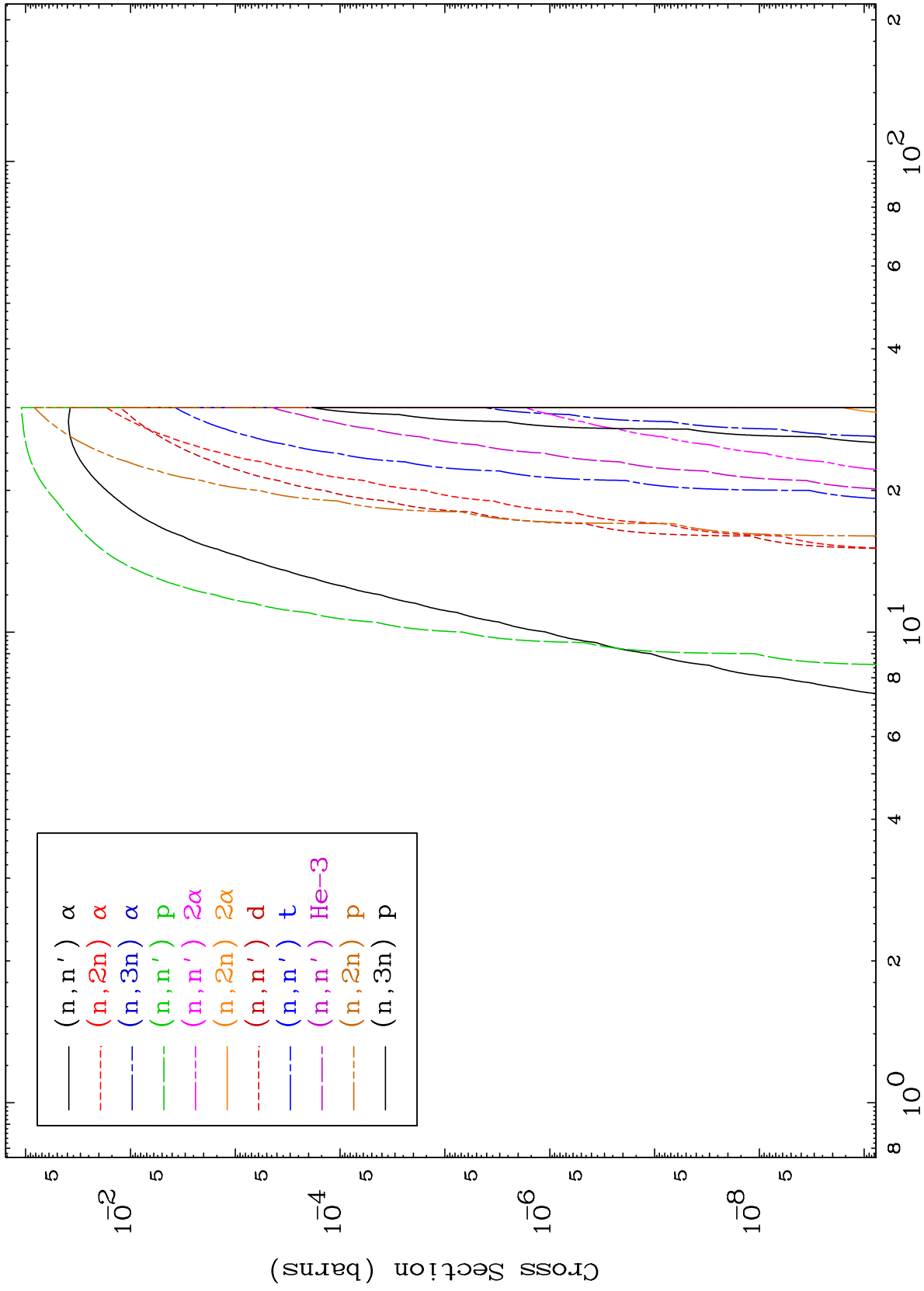


54-Xe-125

Incident Energy (MeV)

2

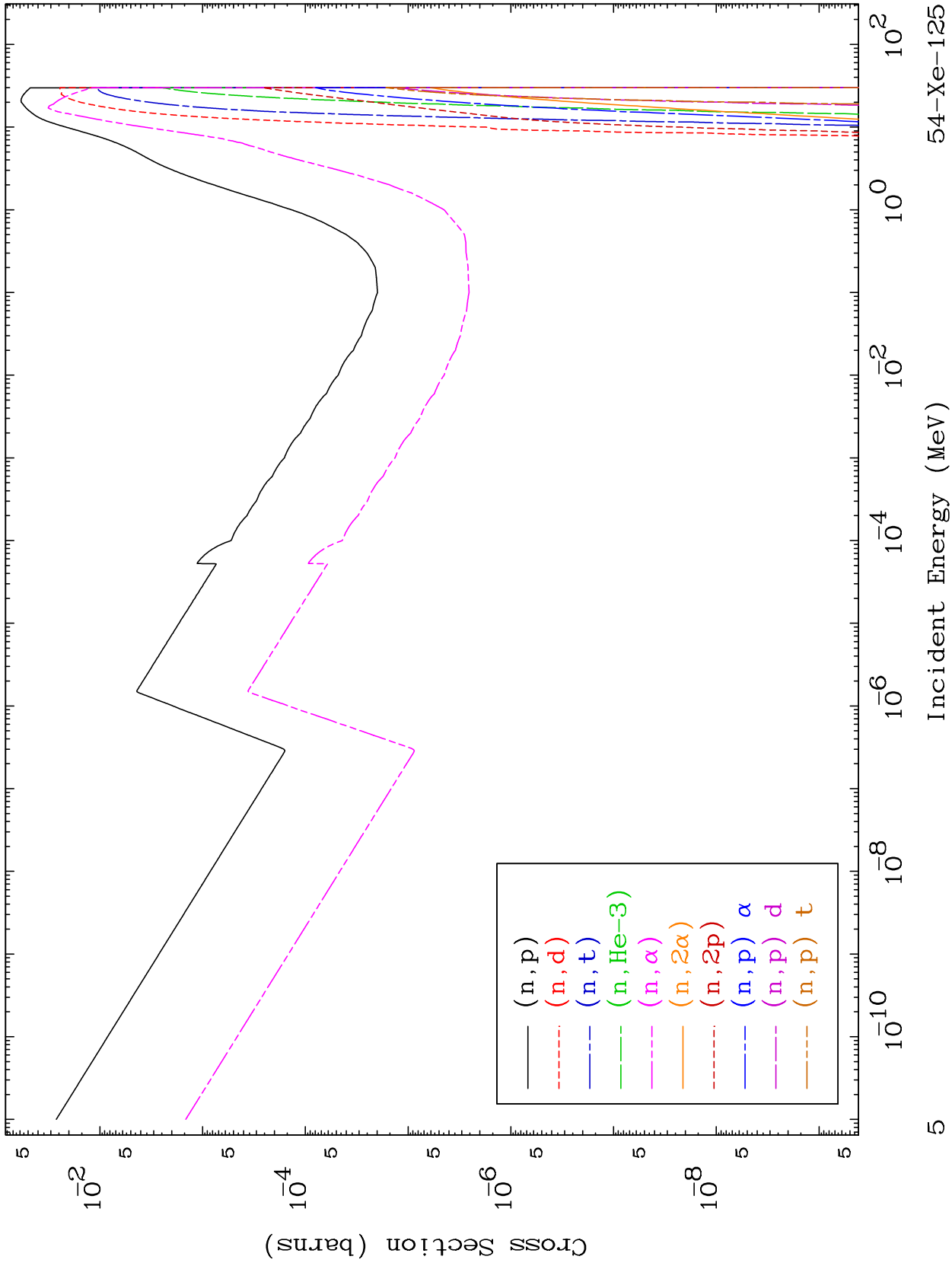


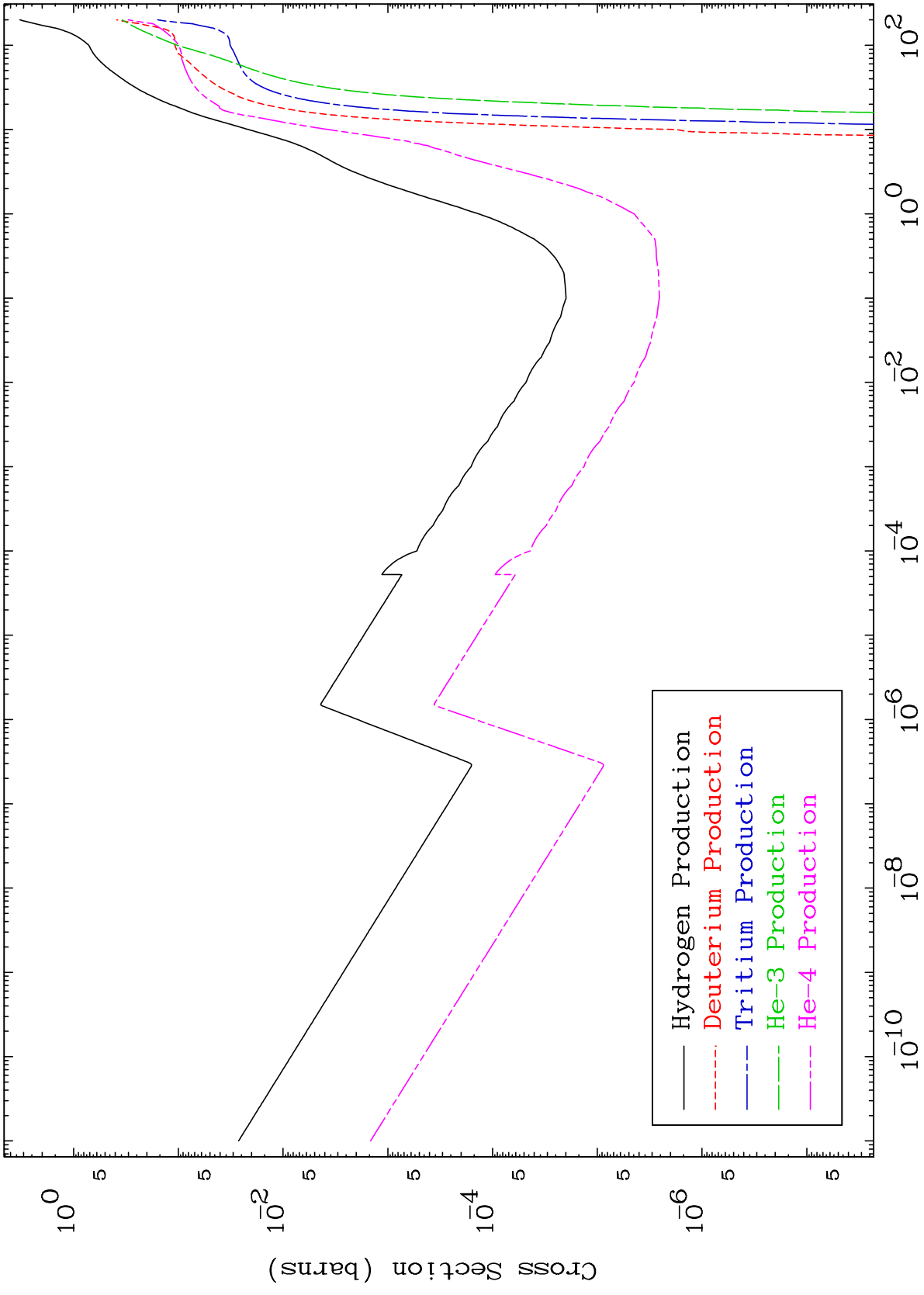


MAT 5429

Charged Particle
293 Kelvin Cross Sections

54-Xe-125

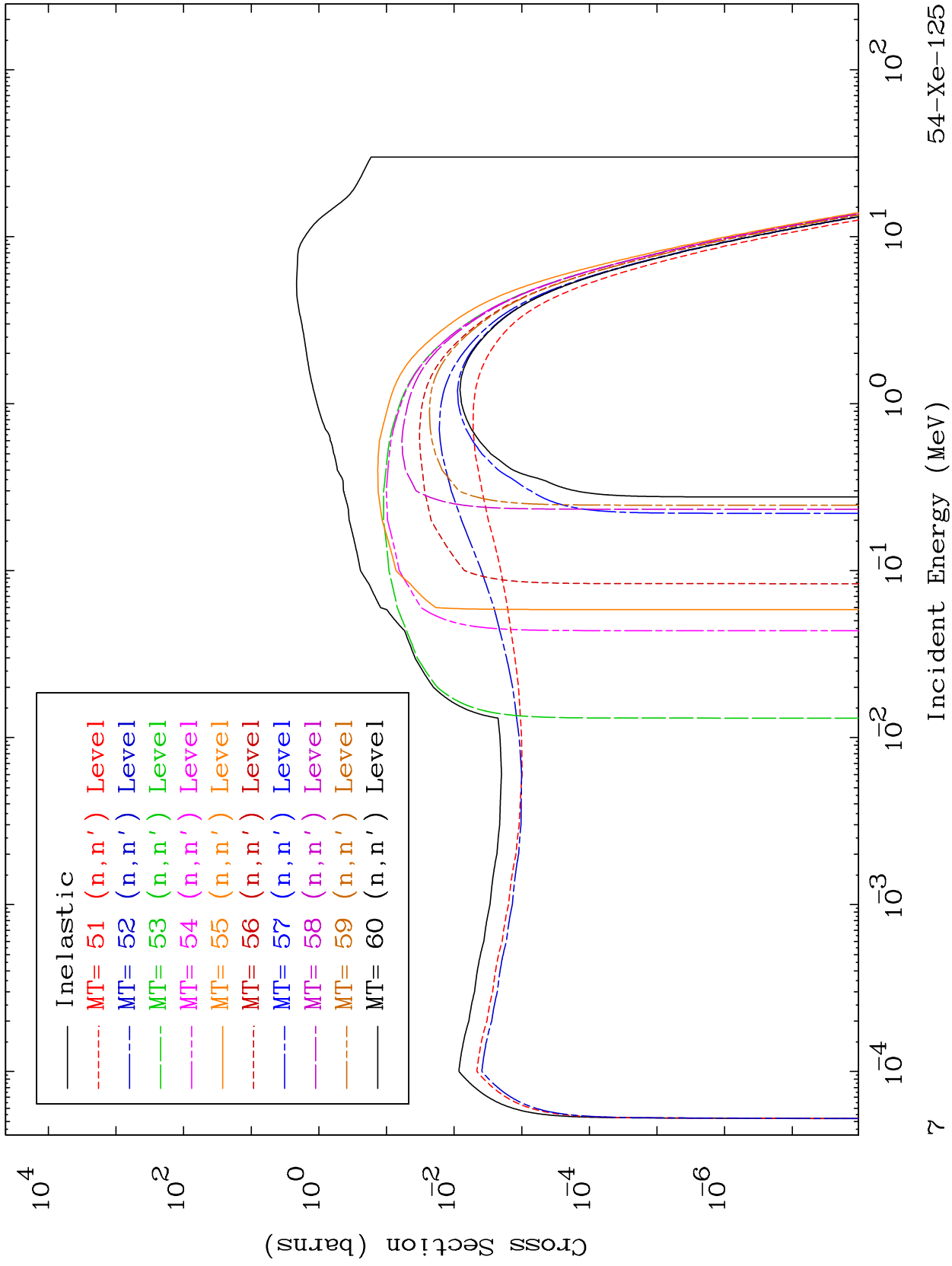




MAT 5429

293 Kelvin Cross Sections
(n,n') Level

54-Xe-125

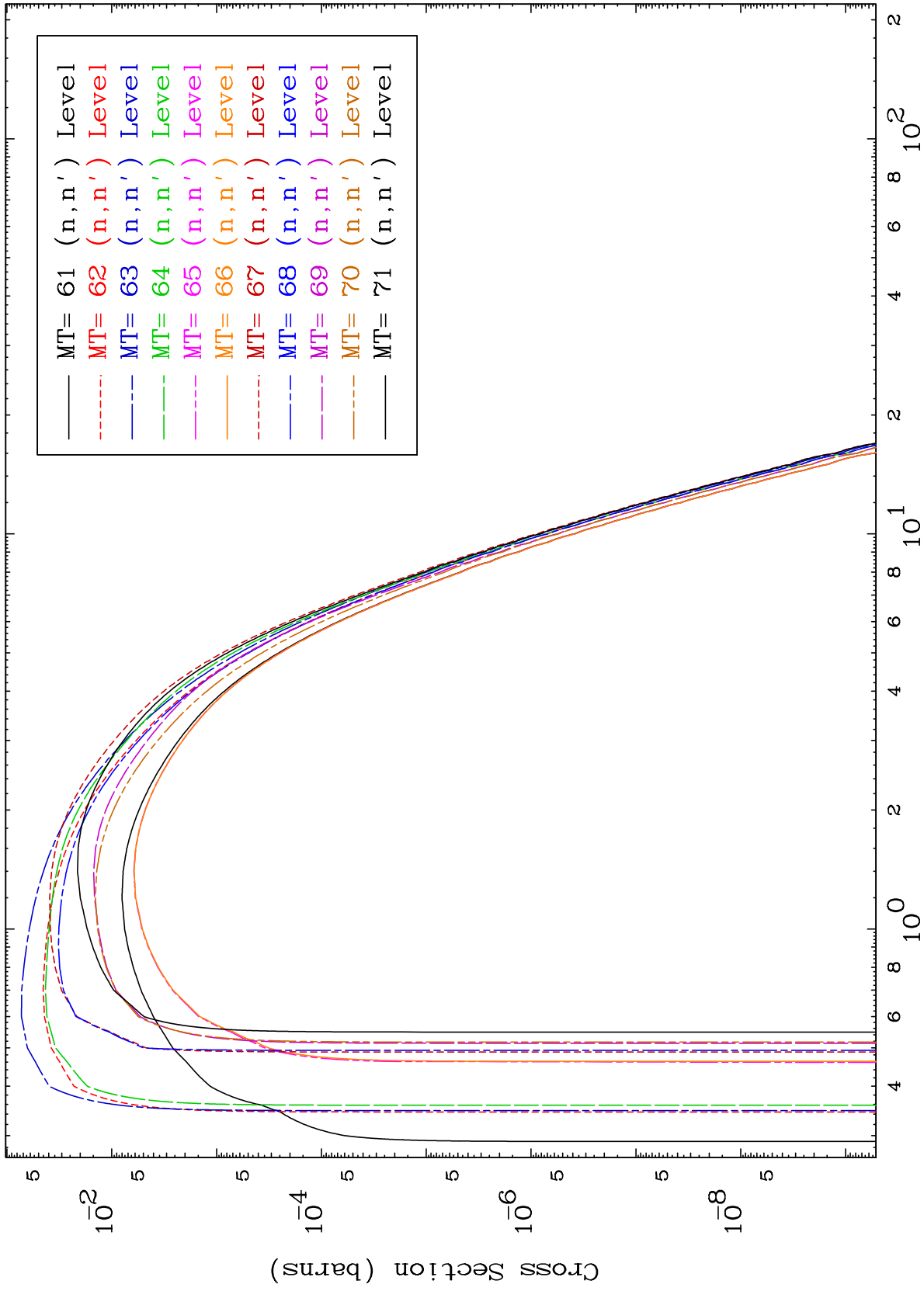


MAT 5429

(n,n') Level

54-Xe-125

293 Kelvin Cross Sections



8

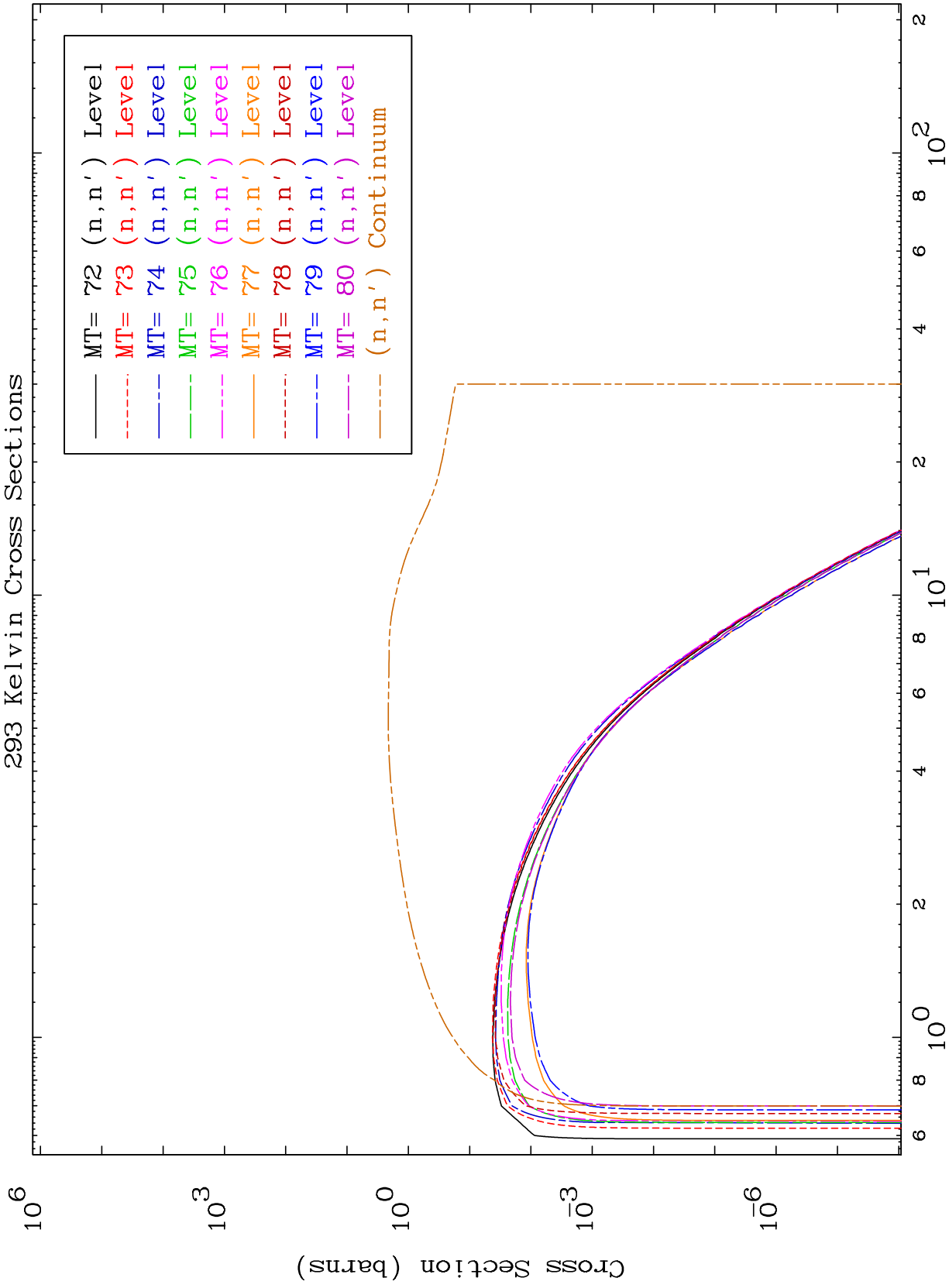
Incident Energy (MeV)

54-Xe-125

MAT 5429

(n,n') Level
293 Kelvin Cross Sections

54-Xe-125



9

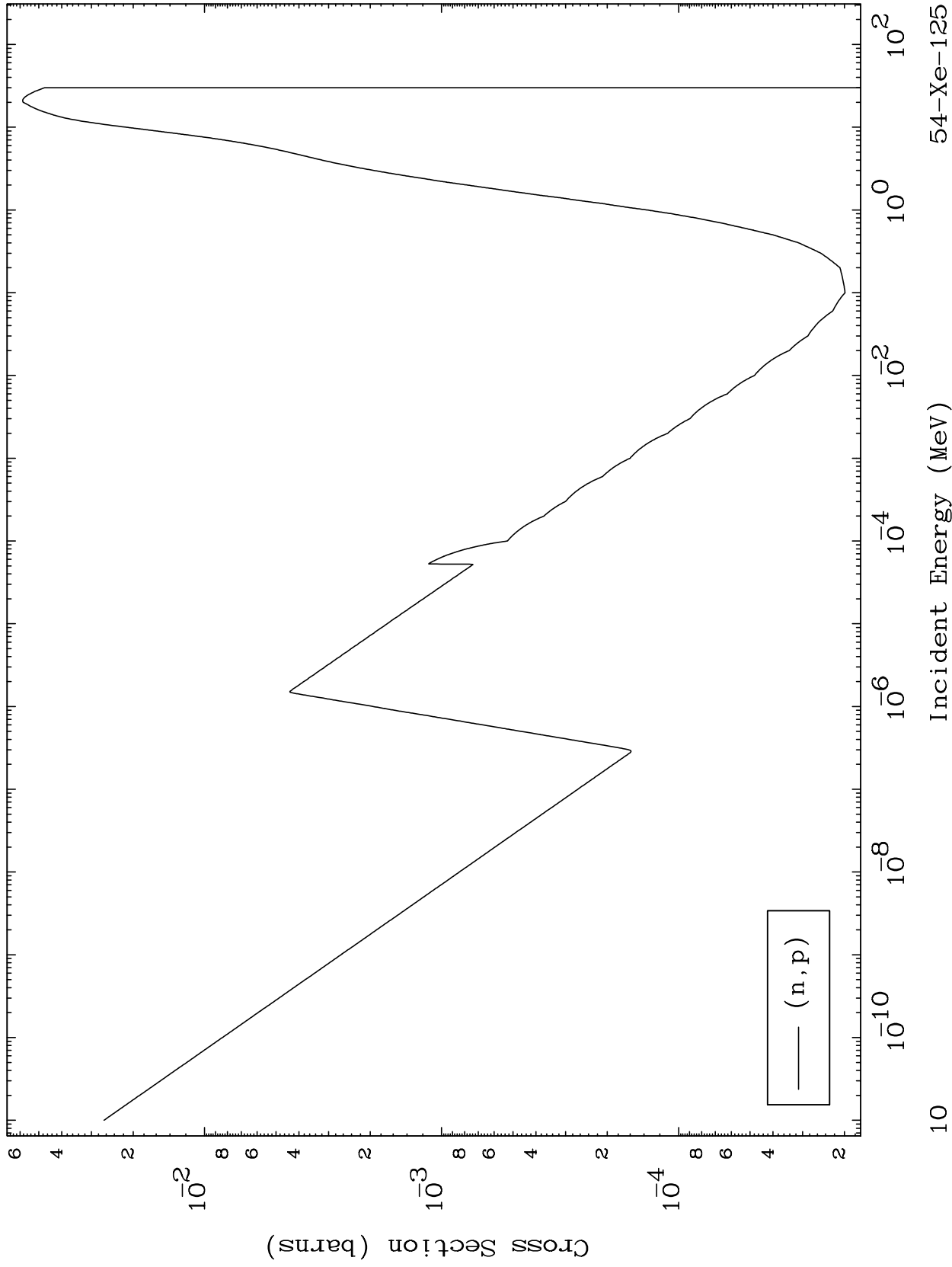
Incident Energy (MeV)

54-Xe-125

MAT 5429

(n,p) Levels
293 Kelvin Cross Sections

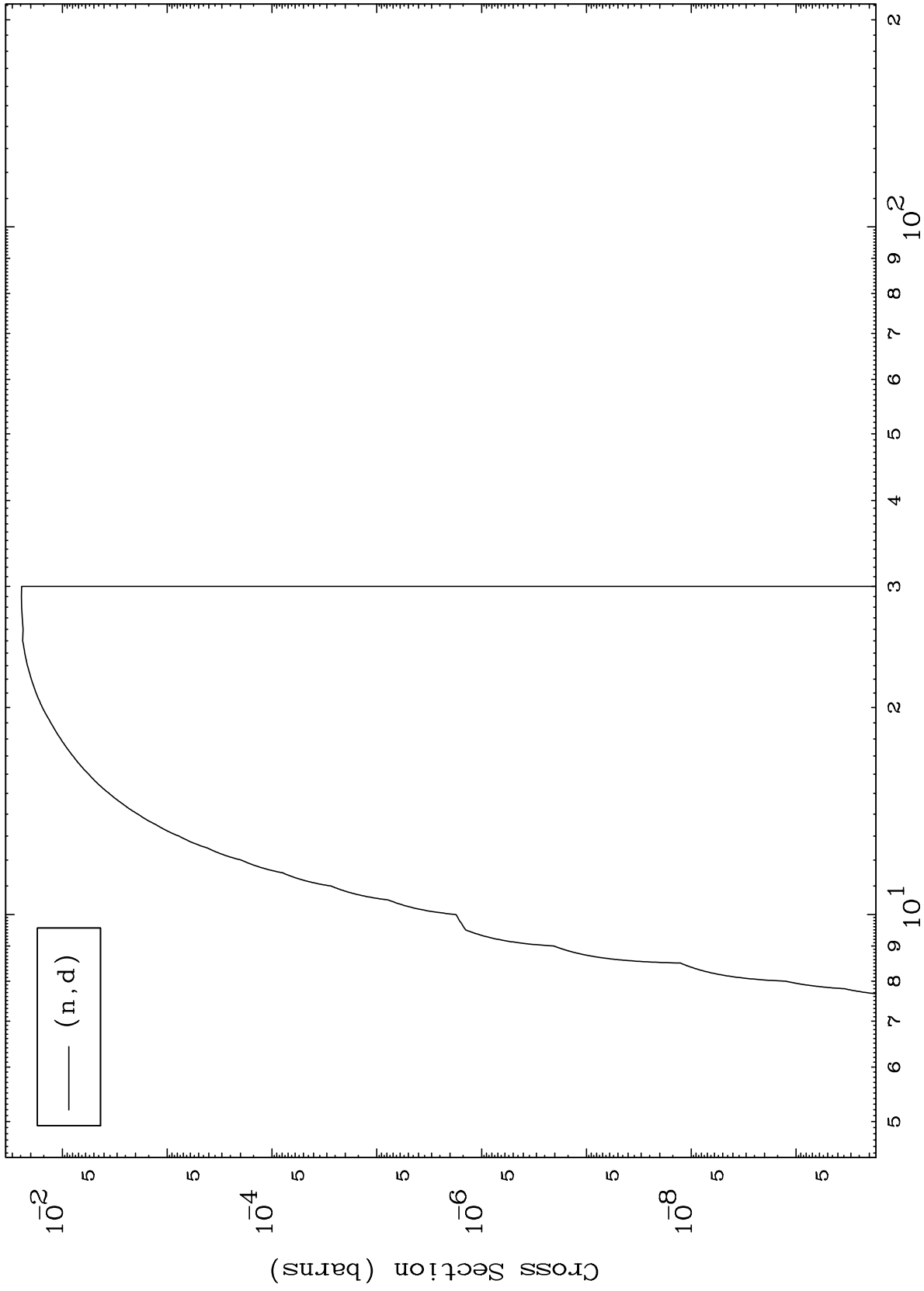
54-Xe-125



MAT 5429

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-125



11

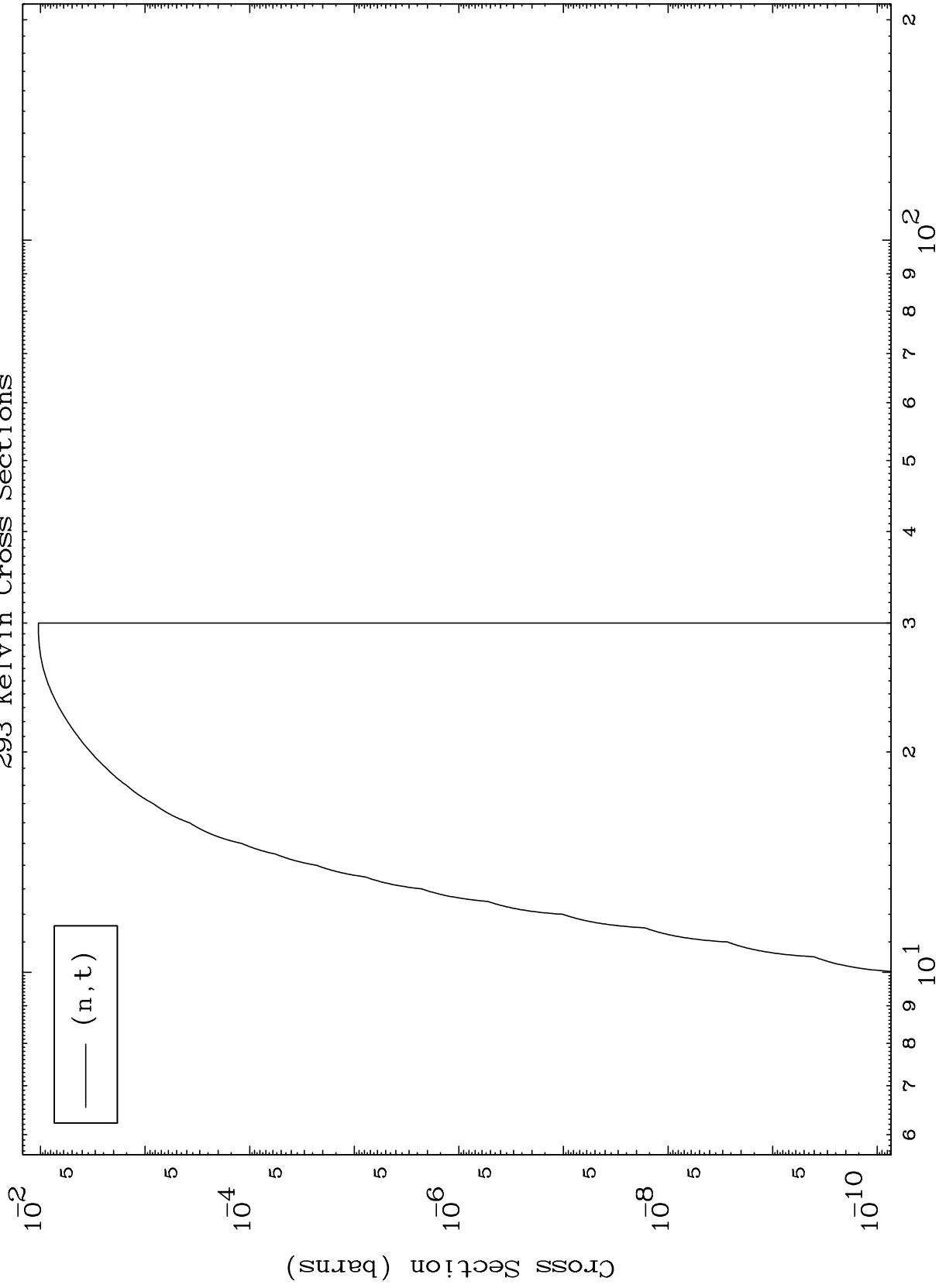
Incident Energy (MeV)

54-Xe-125

MAT 5429

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-125



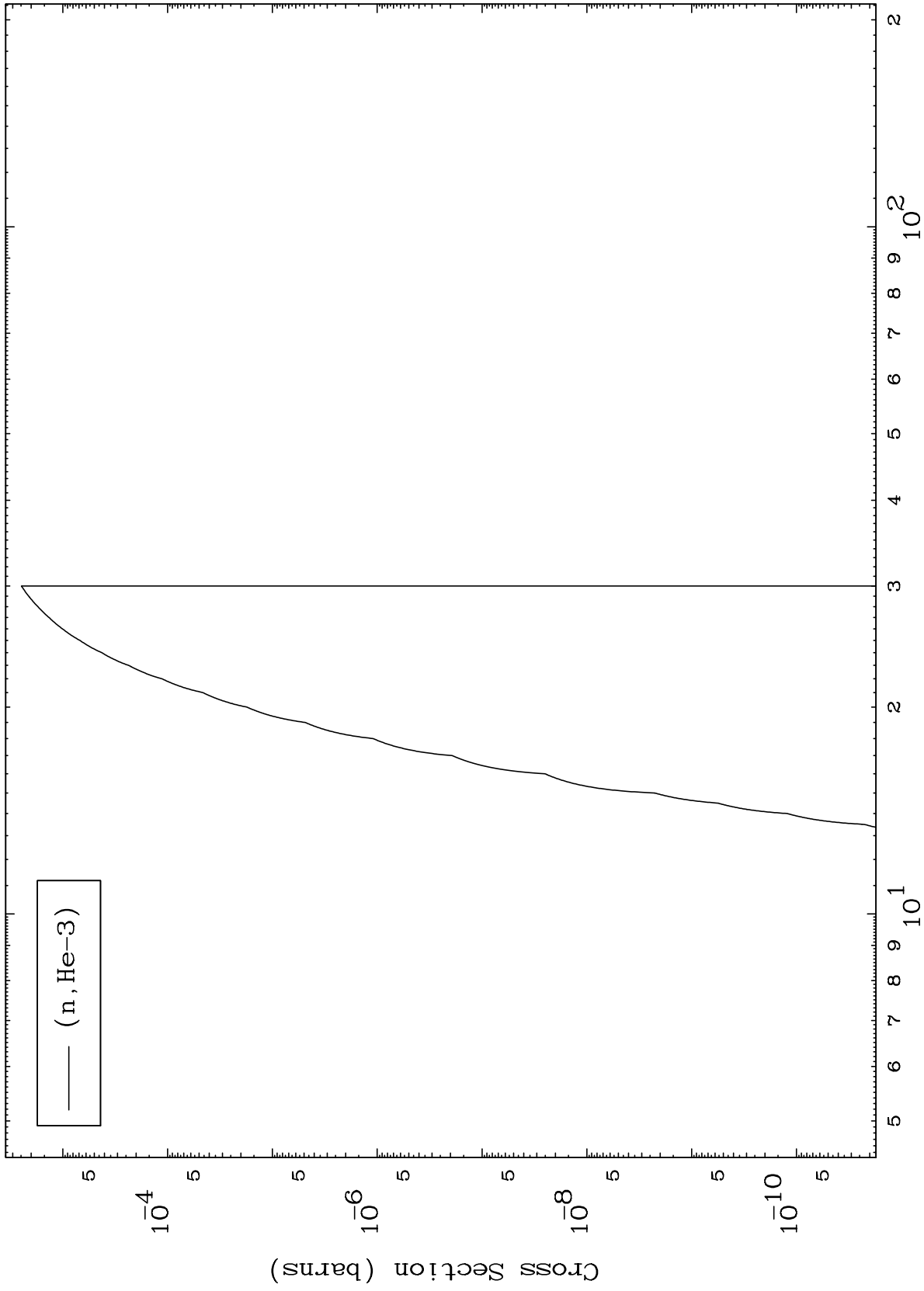
12

54-Xe-125

MAT 5429

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-125



13

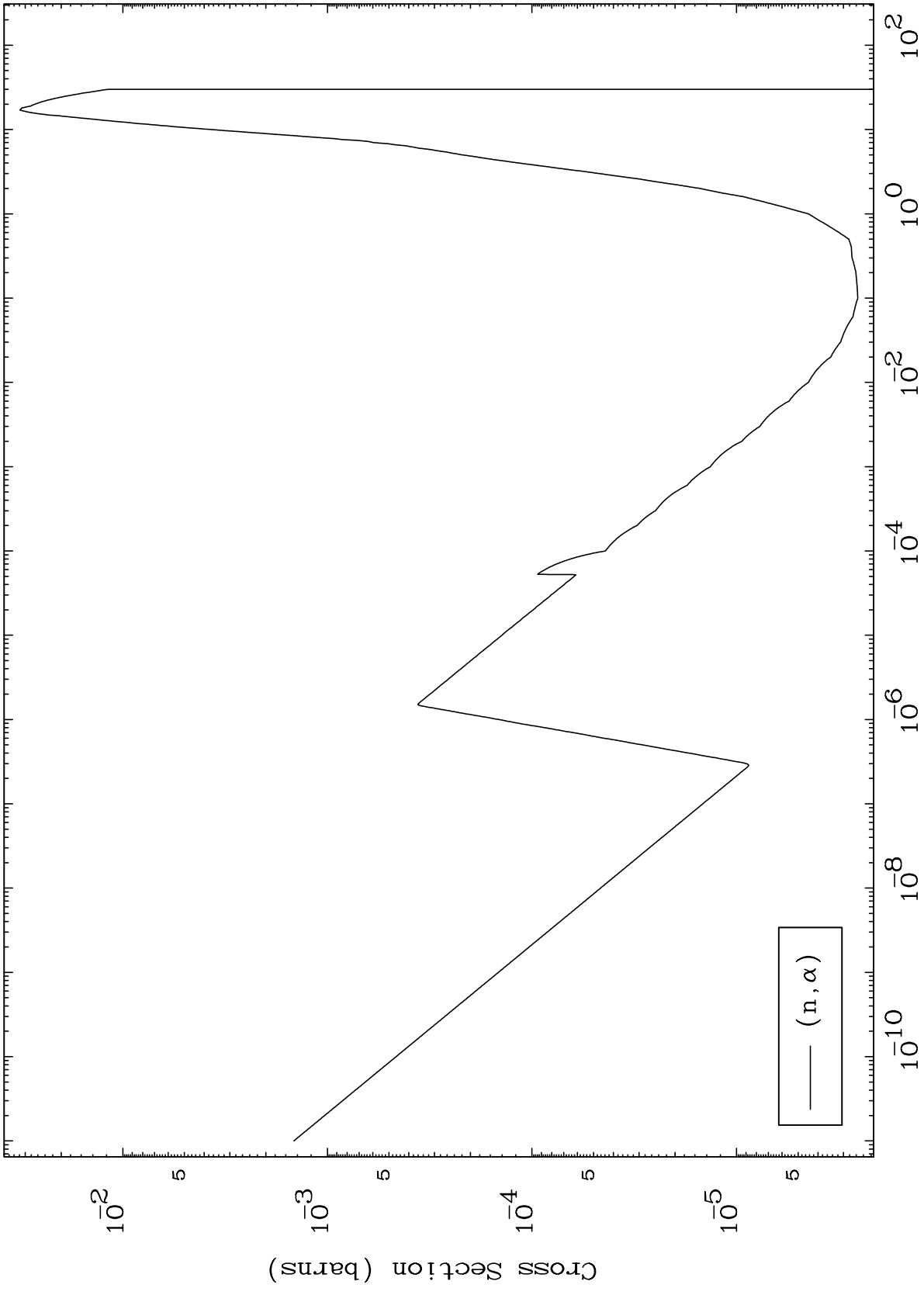
Incident Energy (MeV)

54-Xe-125

MAT 5429

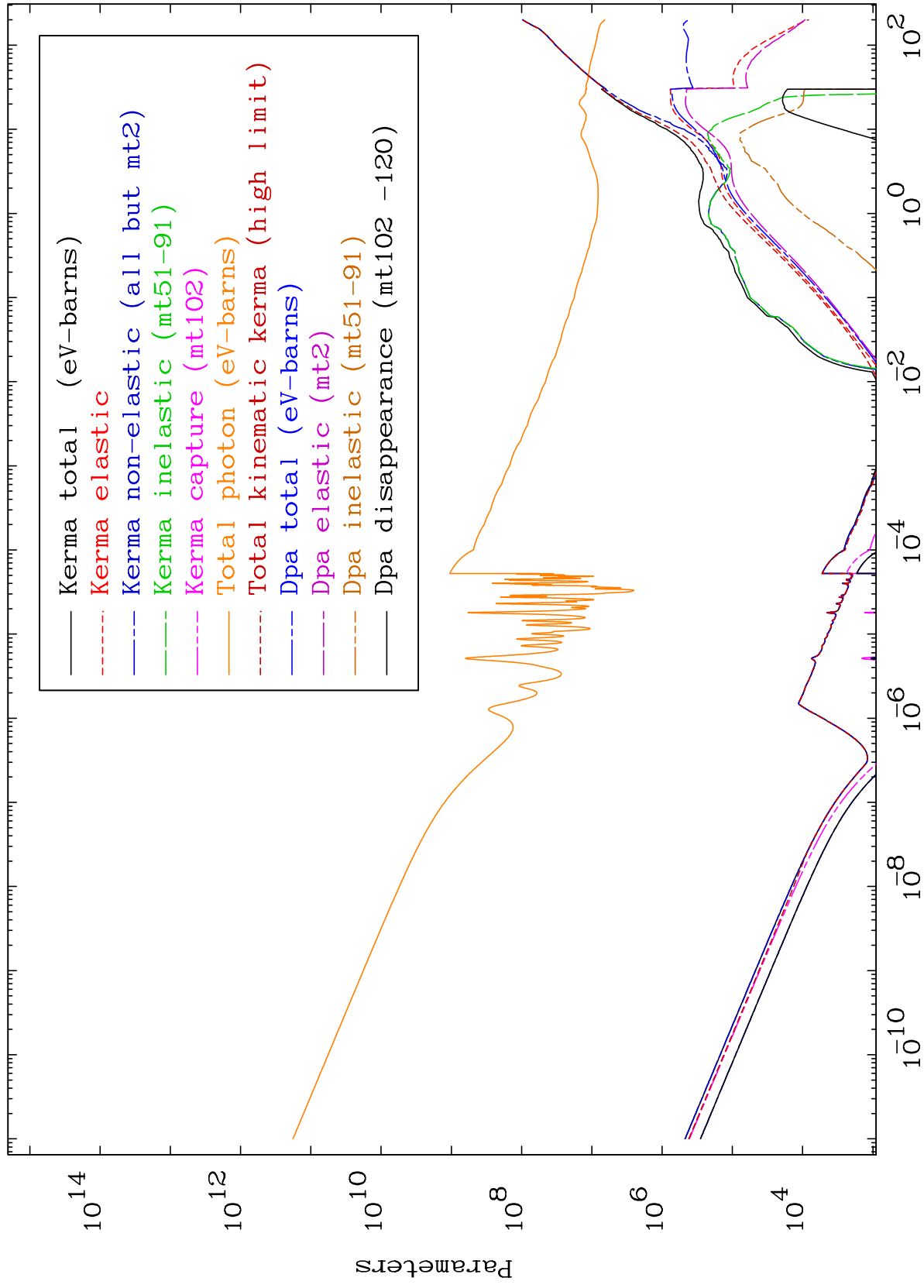
(n, α) Levels
293 Kelvin Cross Sections

54-Xe-125



— (n, α)

54-Xe-125



MAT 5429

Elastic Legendre Coefficients

54-Xe-125



16

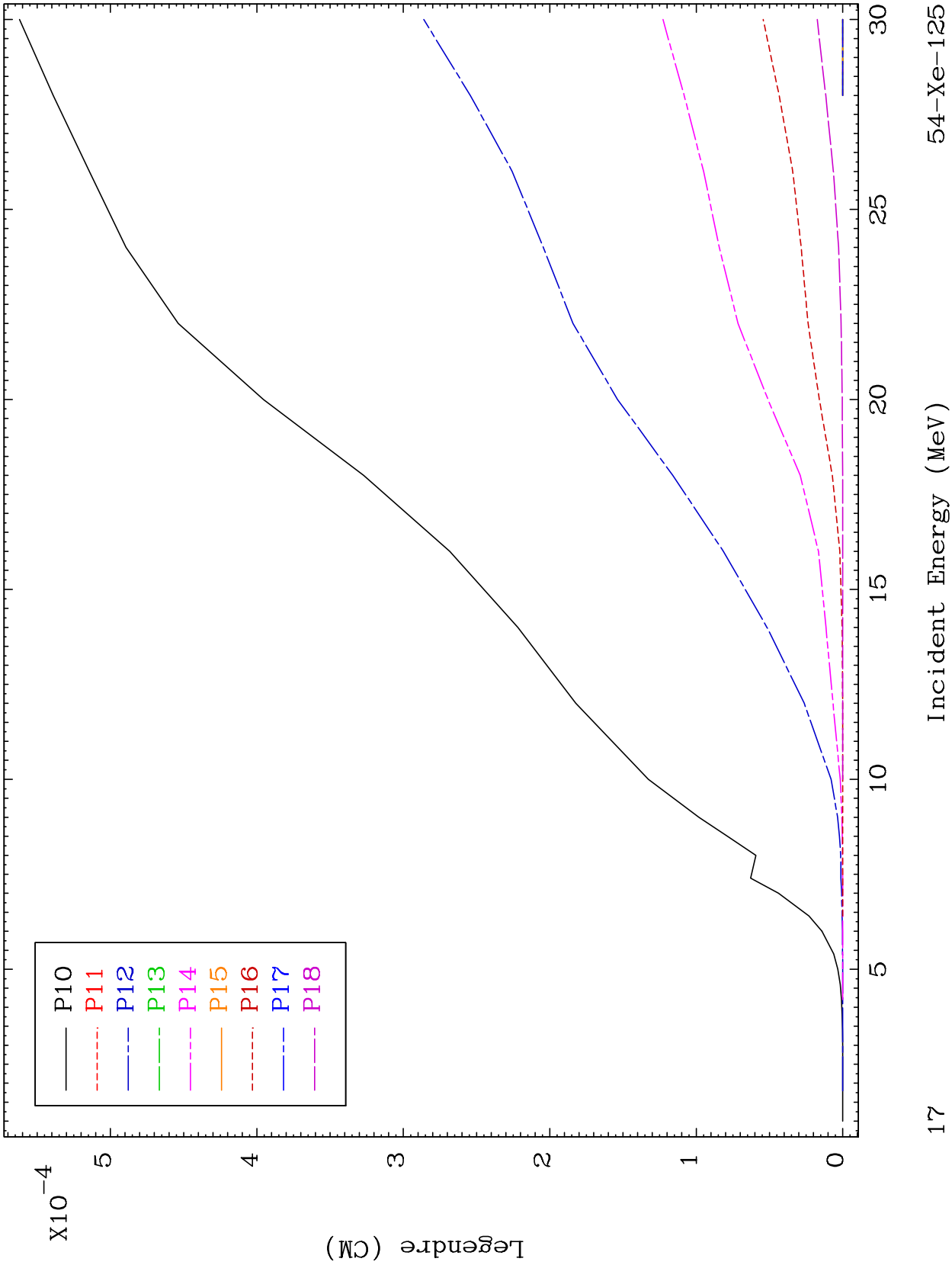
Incident Energy (MeV)

54-Xe-125

MAT 5429

Elastic Legendre Coefficients

54-Xe-125

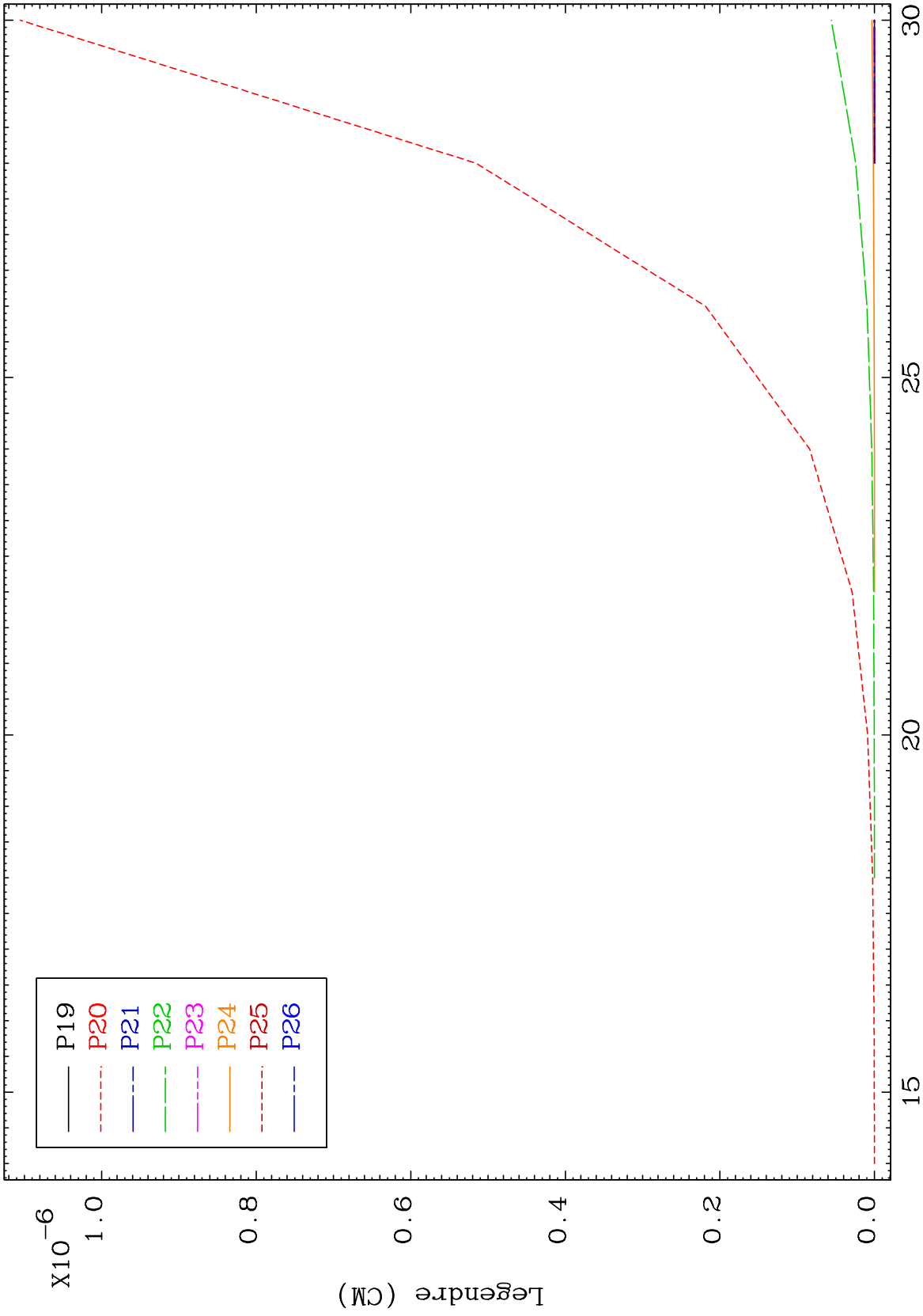


17

MAT 5429

Elastic Legendre Coefficients

54-Xe-125



18

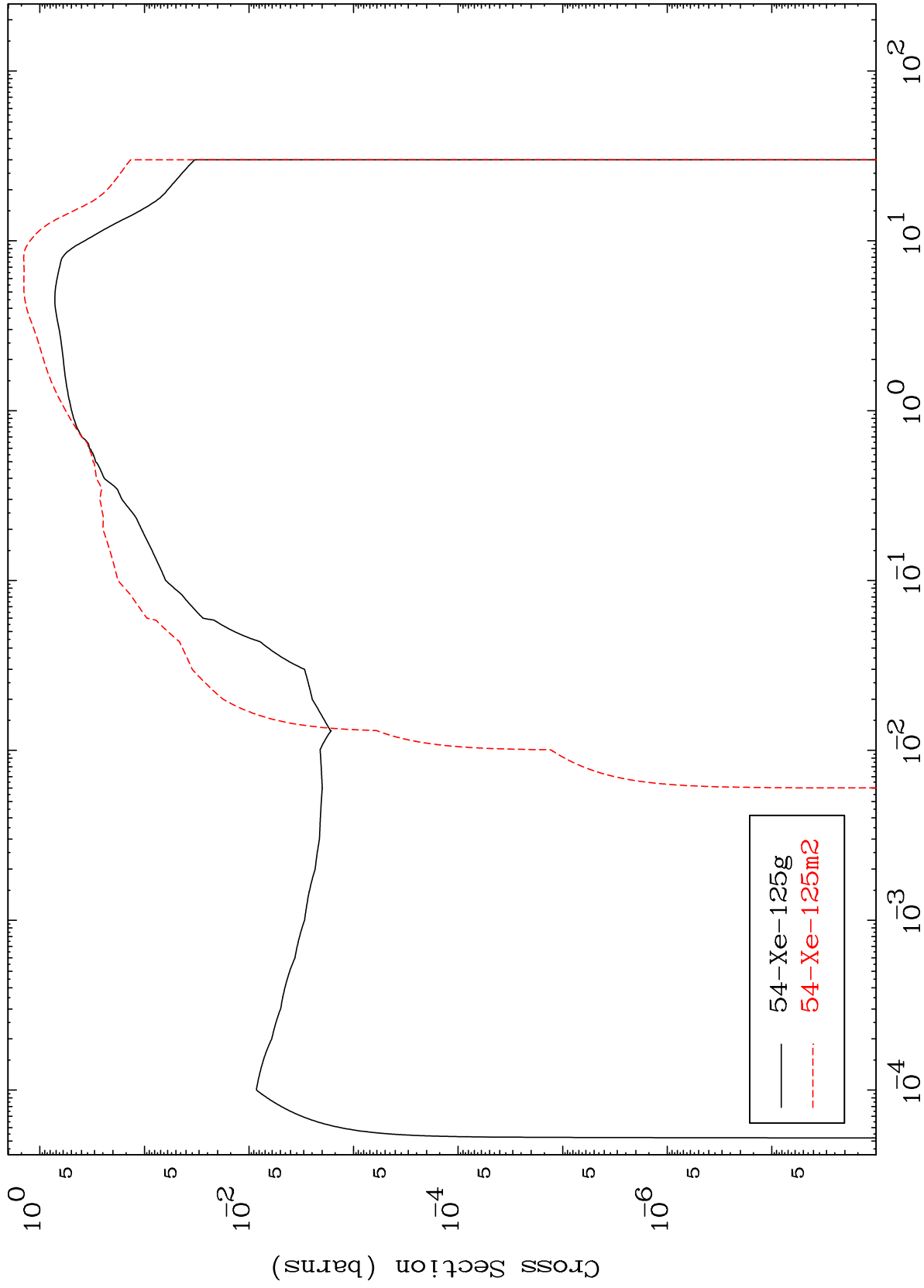
Incident Energy (MeV)

54-Xe-125

MAT 5429

Inelastic
Radionuclide Production Cross Section

54-Xe-125



19

Incident Energy (MeV)

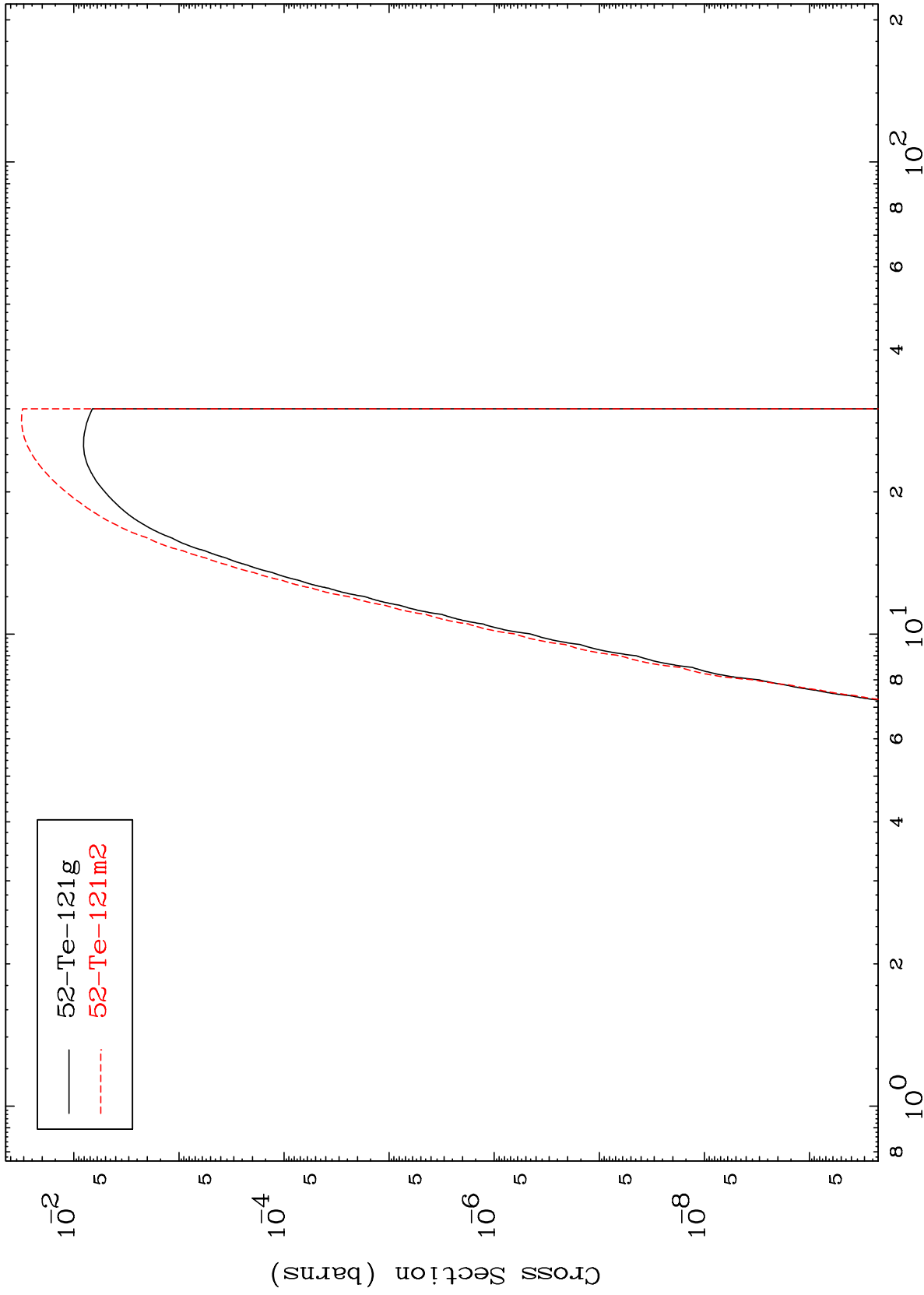
54-Xe-125

MAT 5429

(n,n') α

54-Xe-125

Radionuclide Production Cross Section

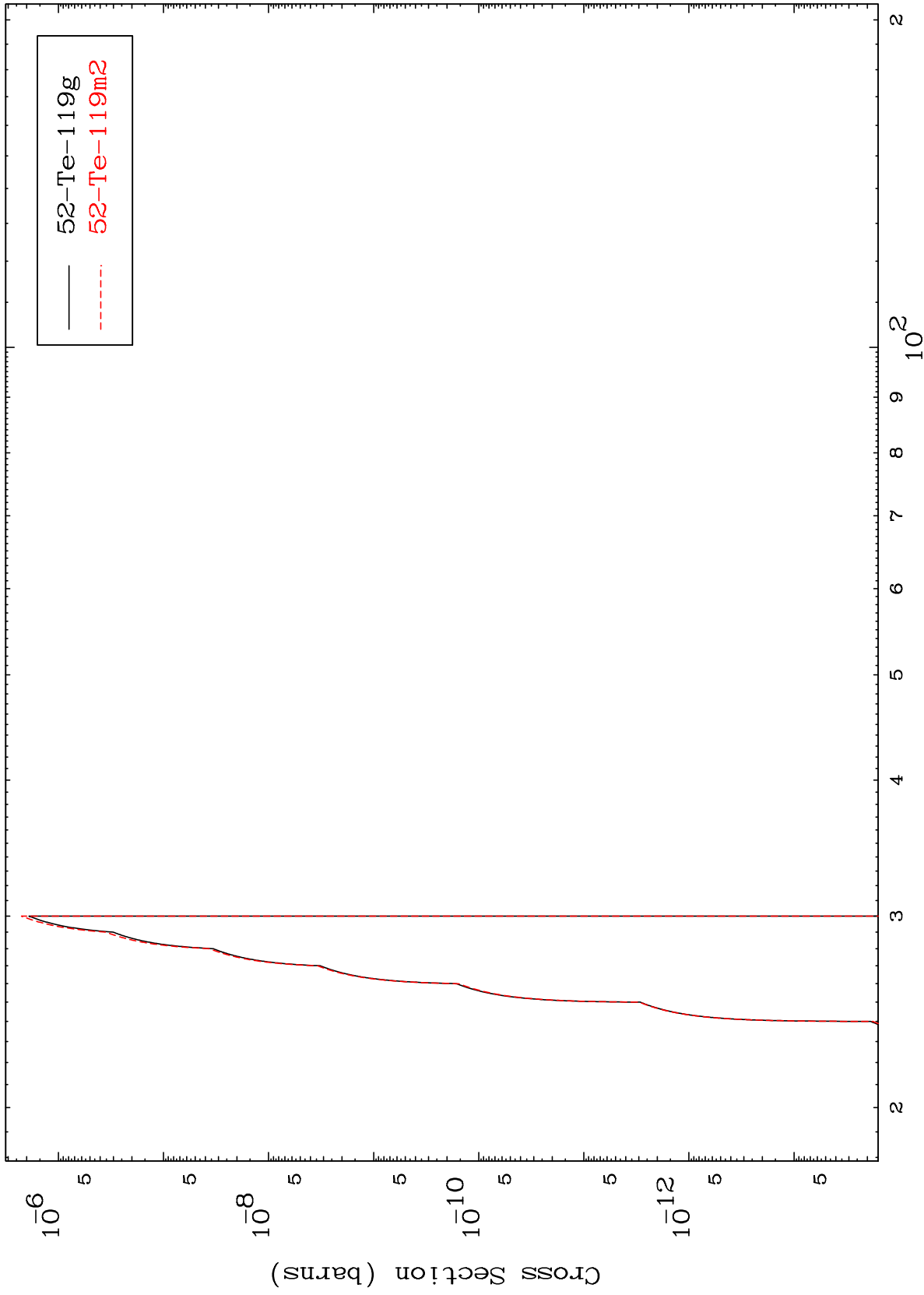


MAT 5429

(n,3n) α

54-Xe-125

Radionuclide Production Cross Section



21

Incident Energy (MeV)

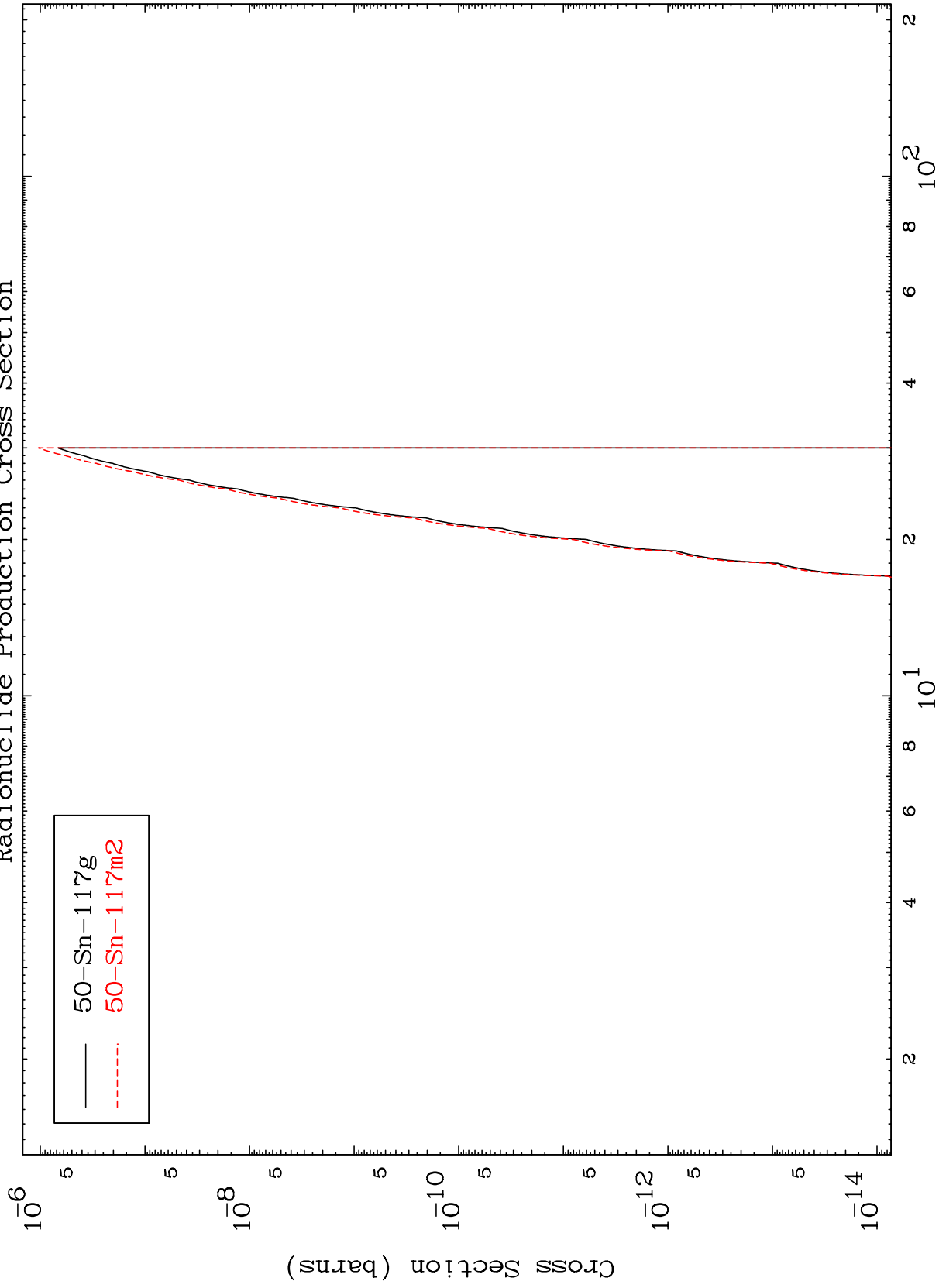
54-Xe-125

MAT 5429

(n,n') 2 α

54-Xe-125

Radionuclide Production Cross Section



22

Incident Energy (MeV)

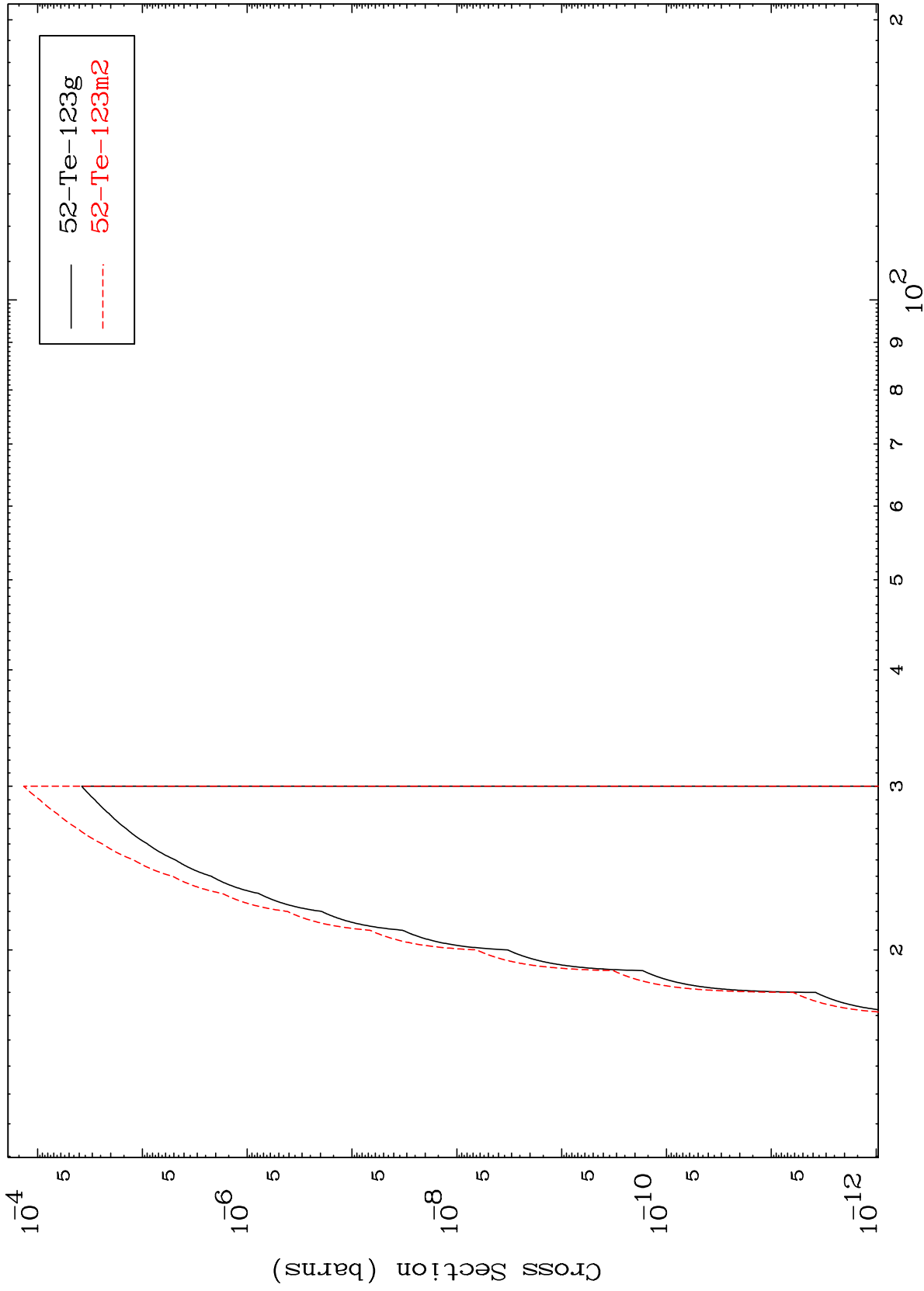
54-Xe-125

MAT 5429

(n,2n) p

54-Xe-125

Radionuclide Production Cross Section



23

Incident Energy (MeV)

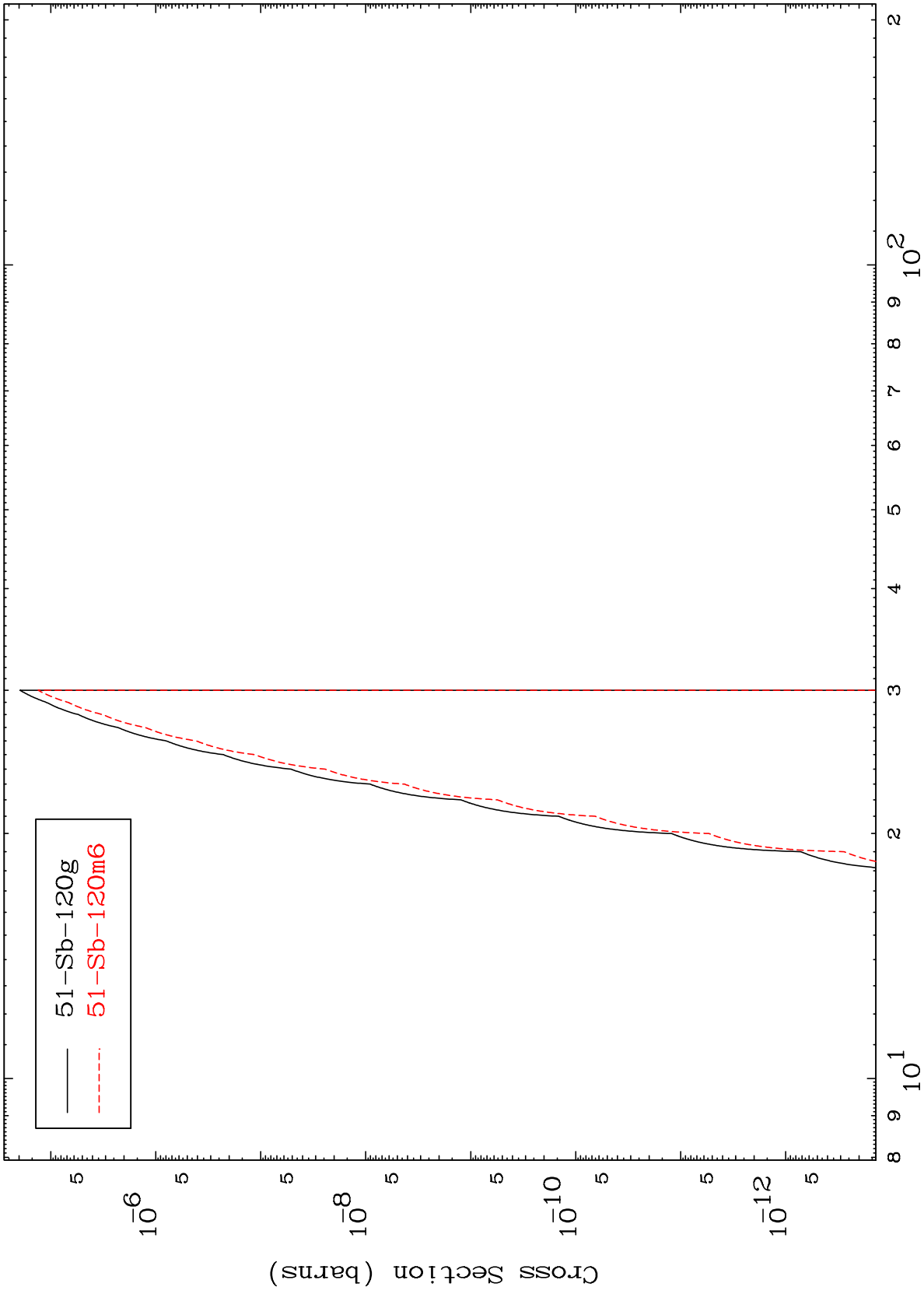
54-Xe-125

MAT 5429

(n,n') p α

54-Xe-125

Radionuclide Production Cross Section



24

Incident Energy (MeV)

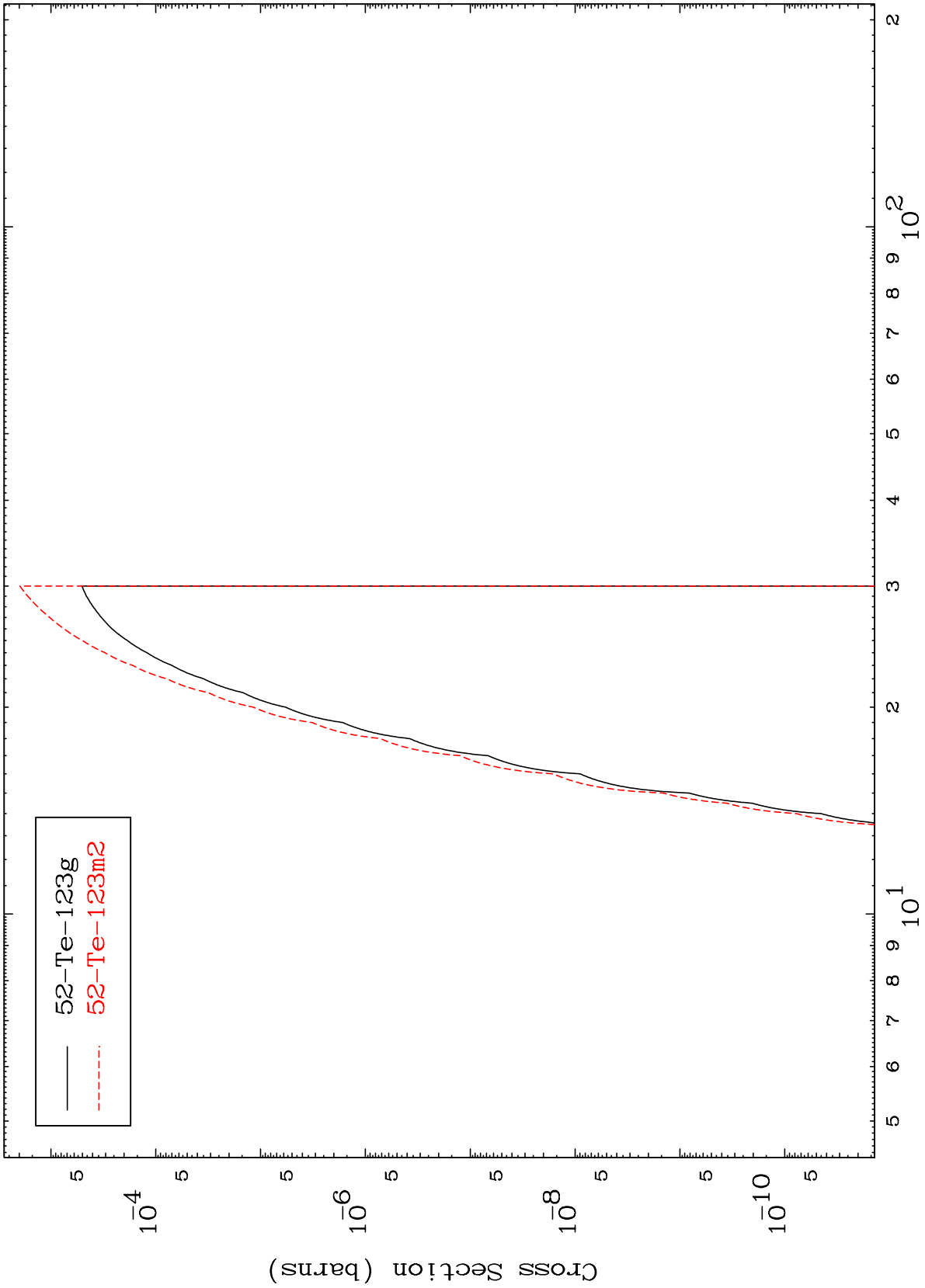
54-Xe-125

MAT 5429

(n, He-3)

54-Xe-125

Radionuclide Production Cross Section



52-Te-123g
52-Te-123m2

25

Incident Energy (MeV)

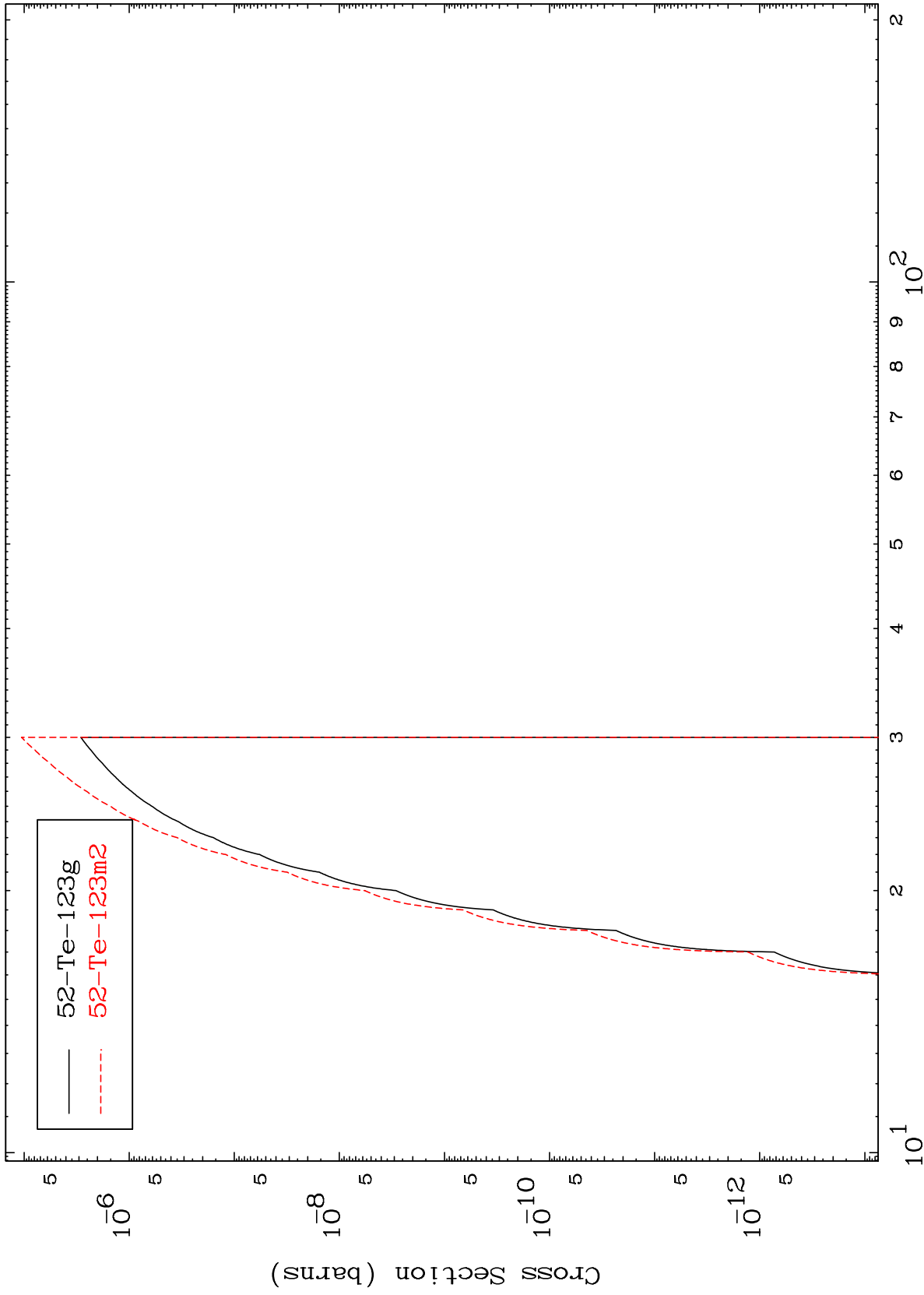
54-Xe-125

MAT 5429

(n,p) d

54-Xe-125

Radionuclide Production Cross Section



26

Incident Energy (MeV)

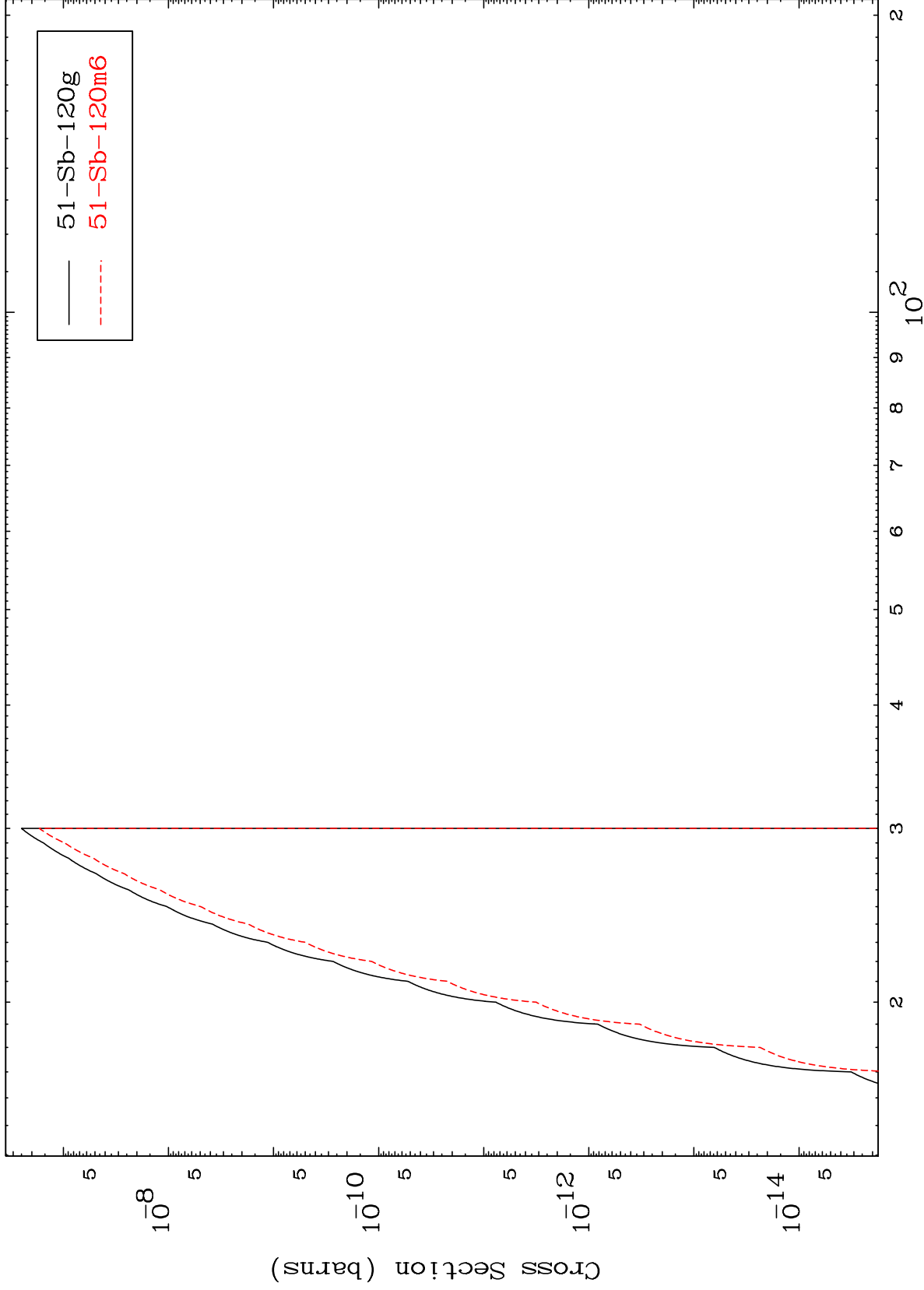
54-Xe-125

MAT 5429

(n,d) α

54-Xe-125

Radionuclide Production Cross Section



27

Incident Energy (MeV)

54-Xe-125