

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

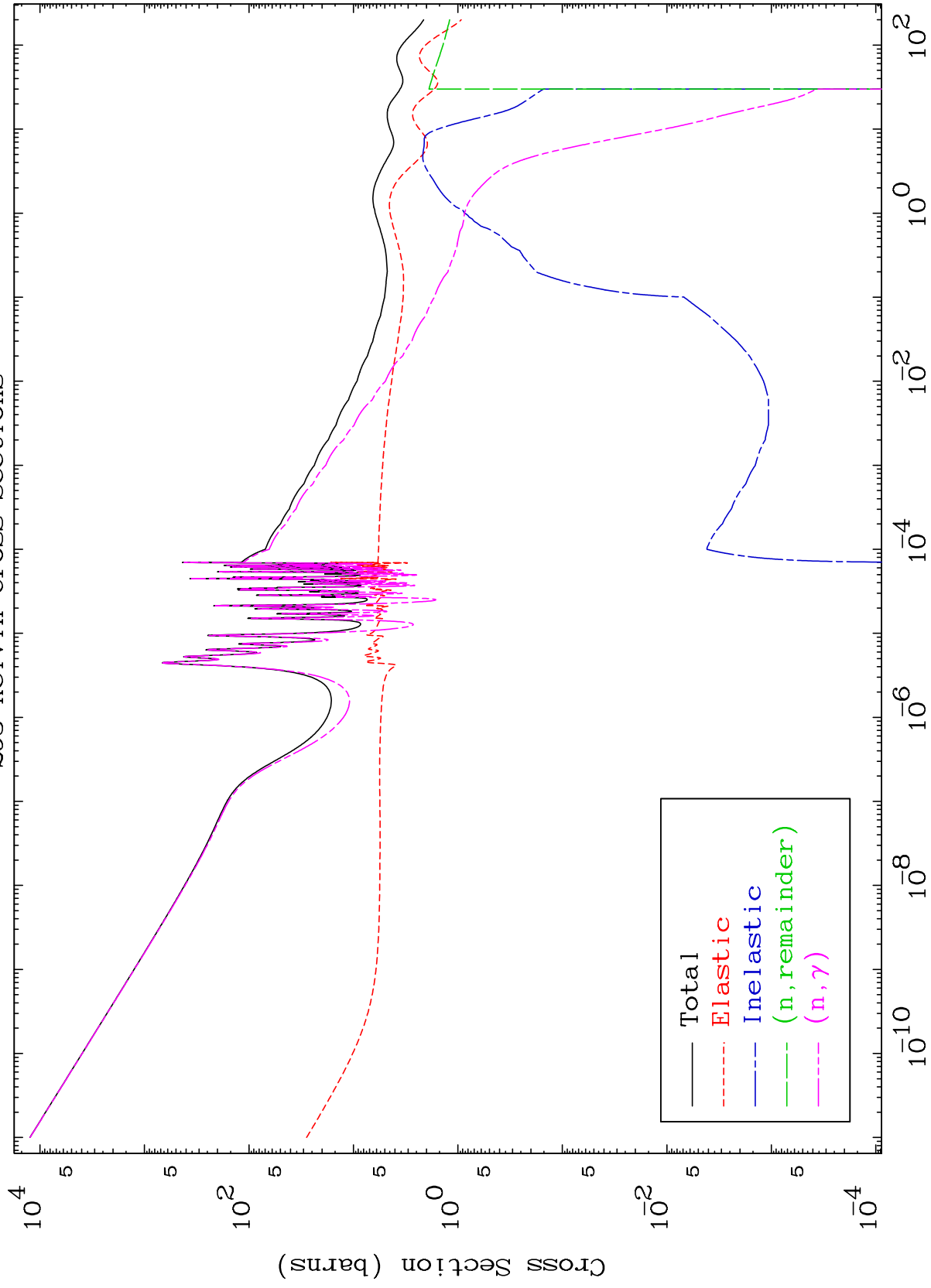
Press Mouse Button to Start

MAT 5629

Major

293 Kelvin Cross Sections

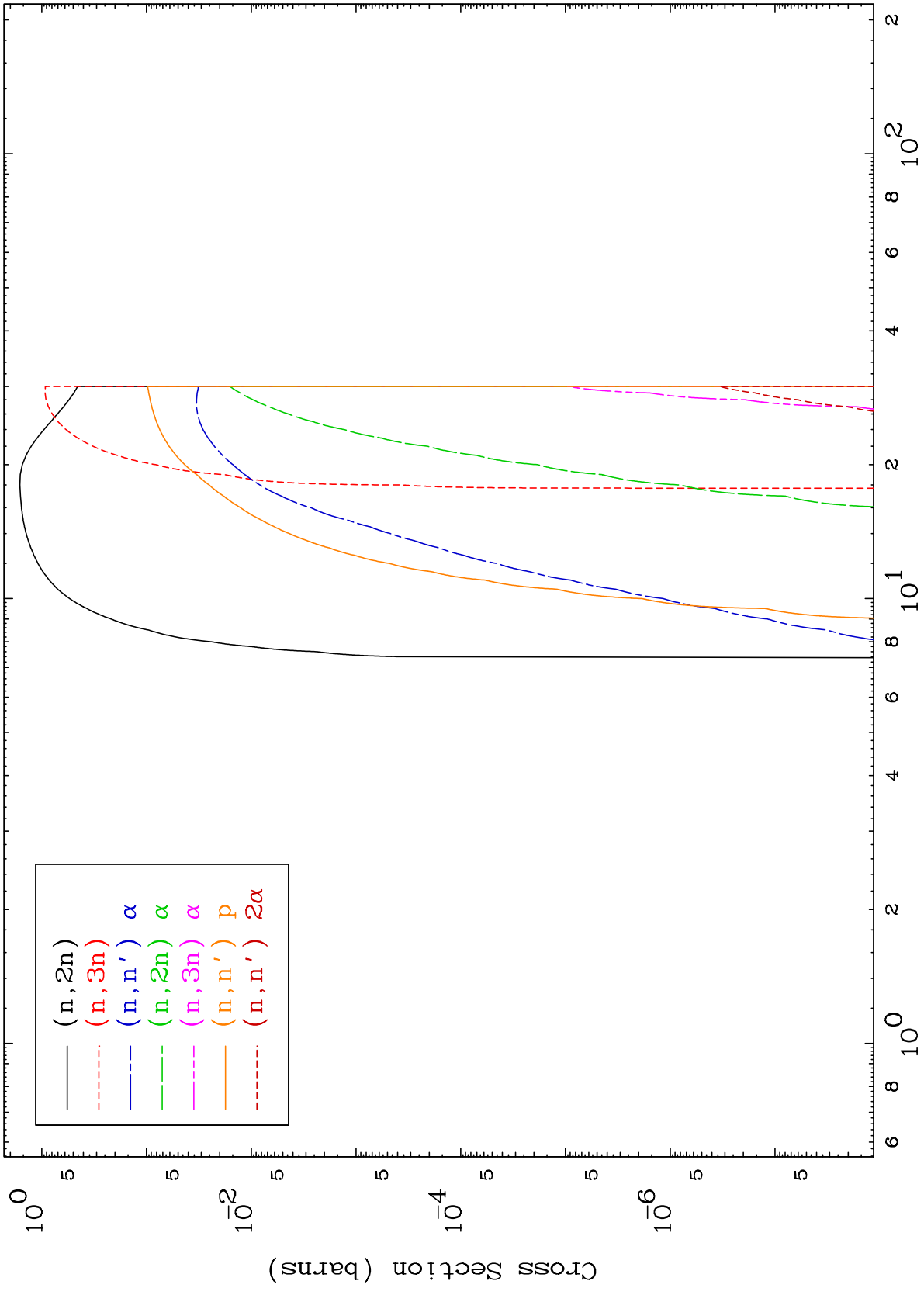
56-Ba-131



MAT 5629

Neutron Production
293 Kelvin Cross Sections

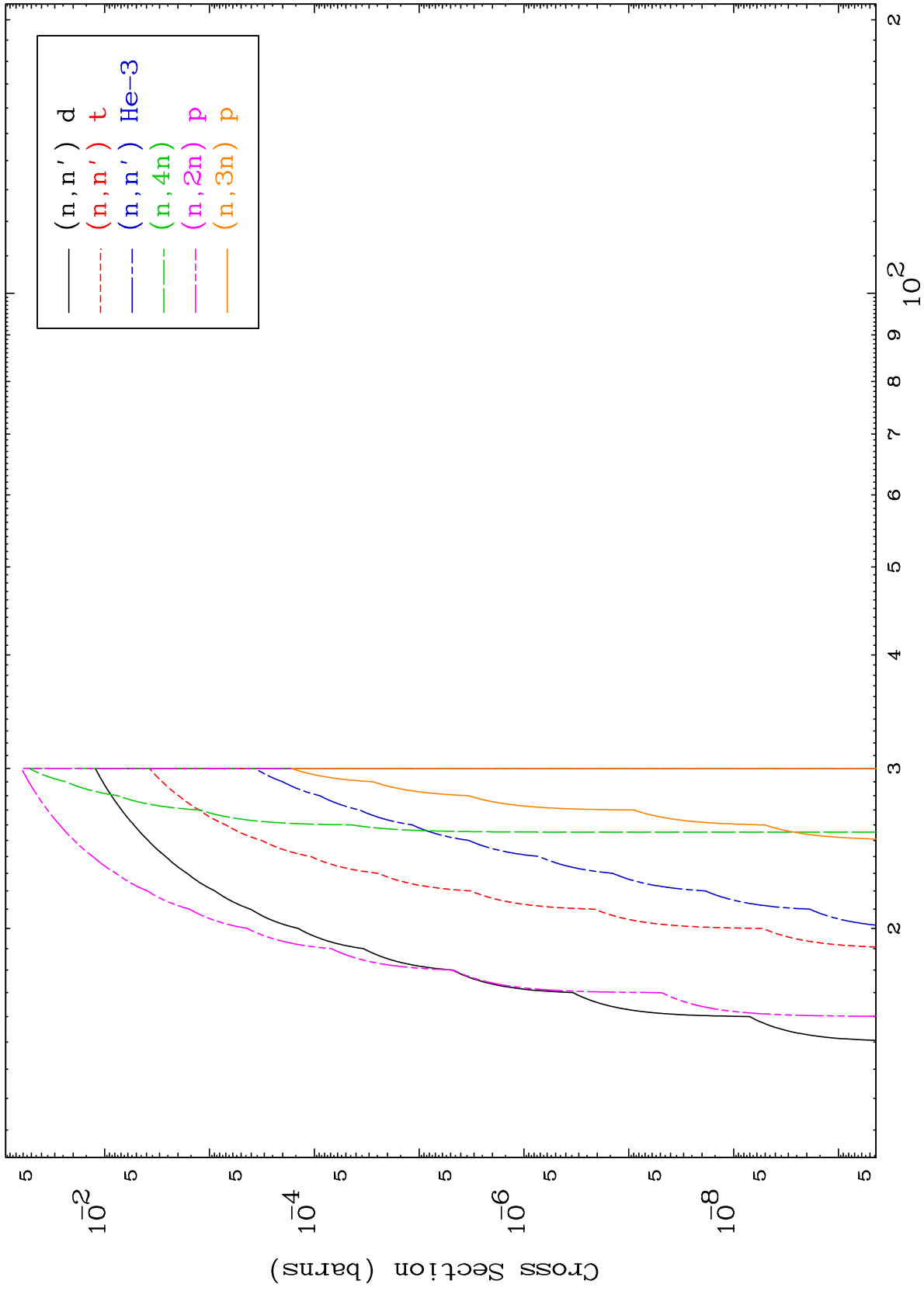
56-Ba-131



2

Incident Energy (MeV)

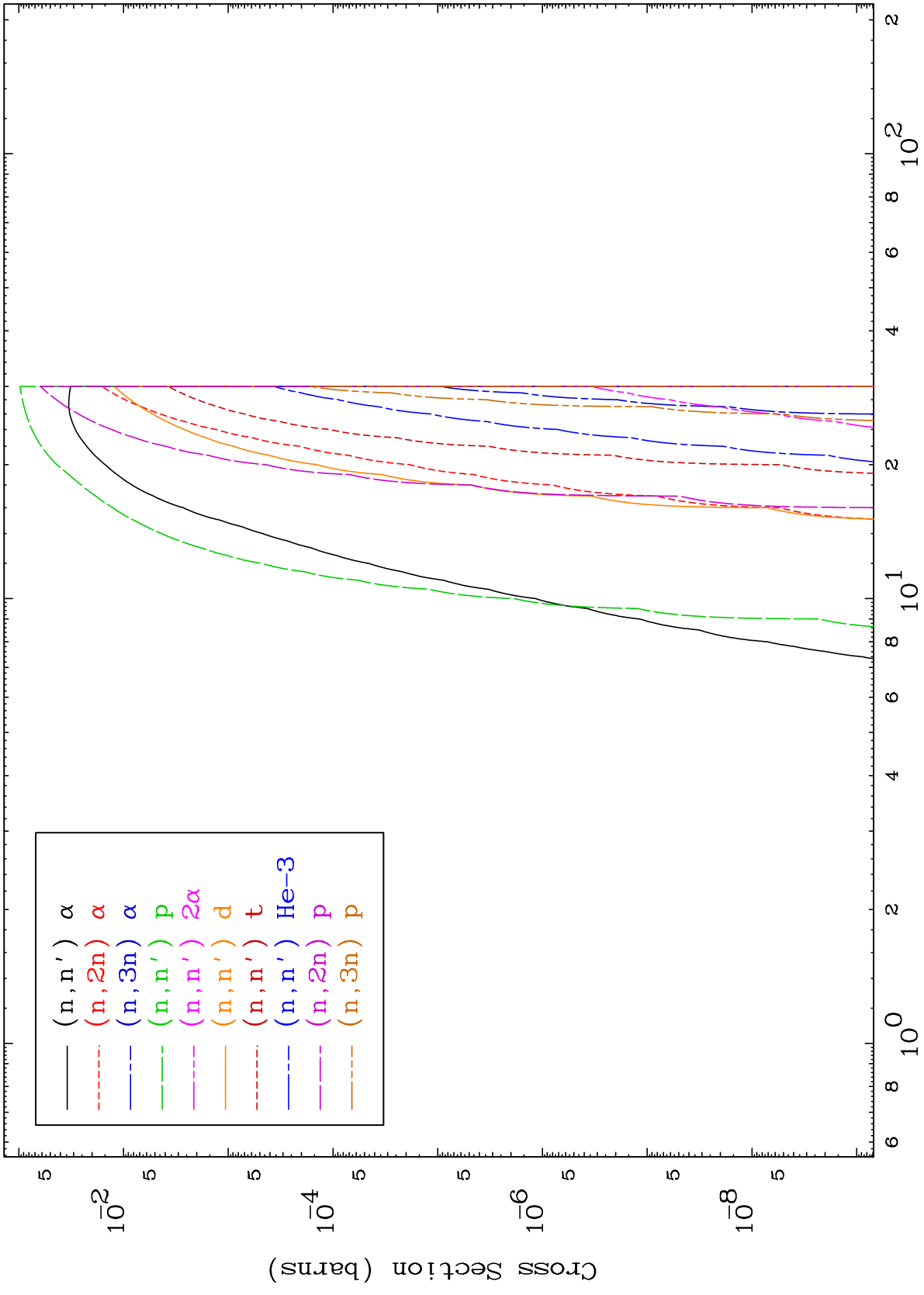
56-Ba-131



MAT 5629

293 Kelvin Cross Sections

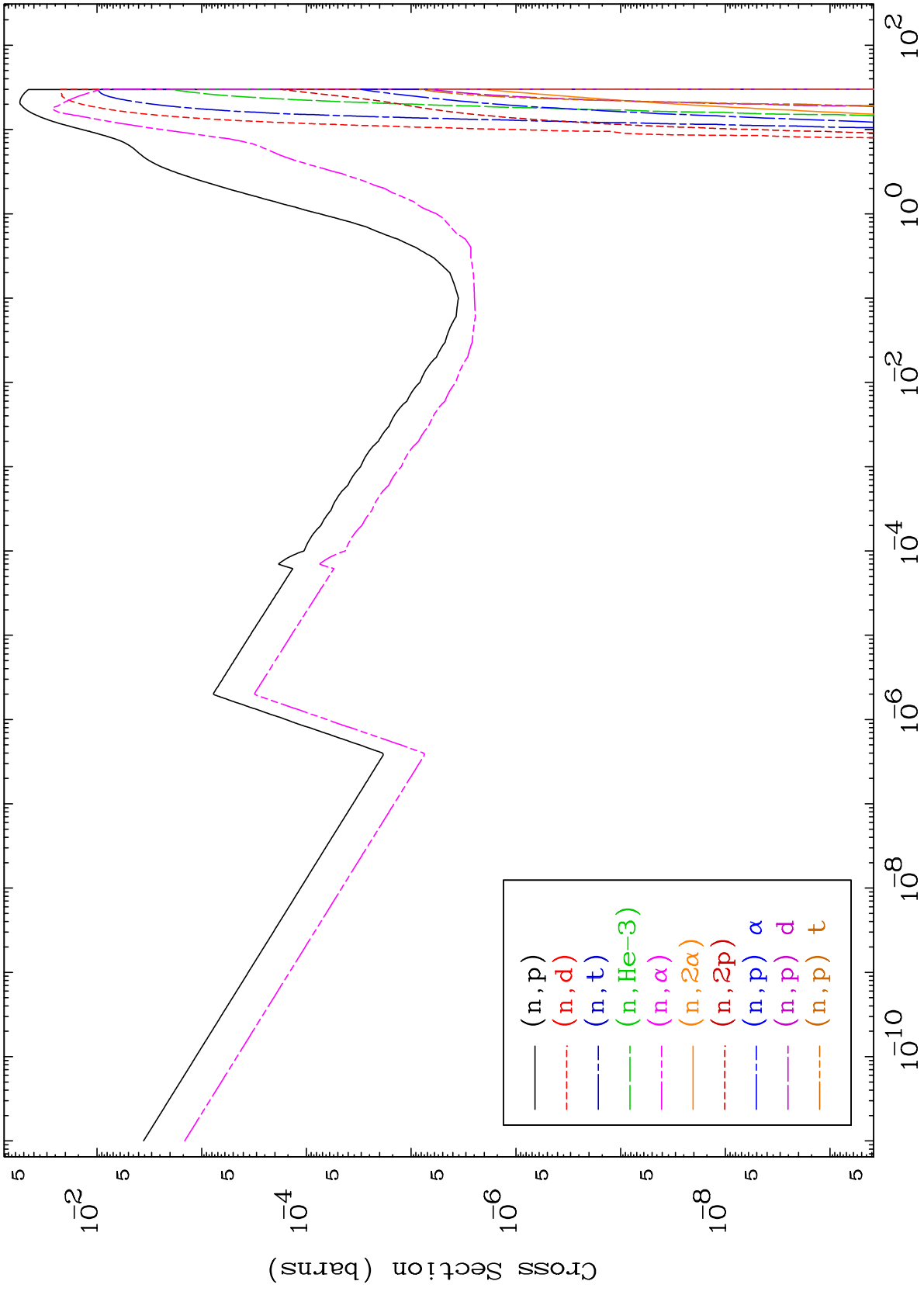
56-Ba-131

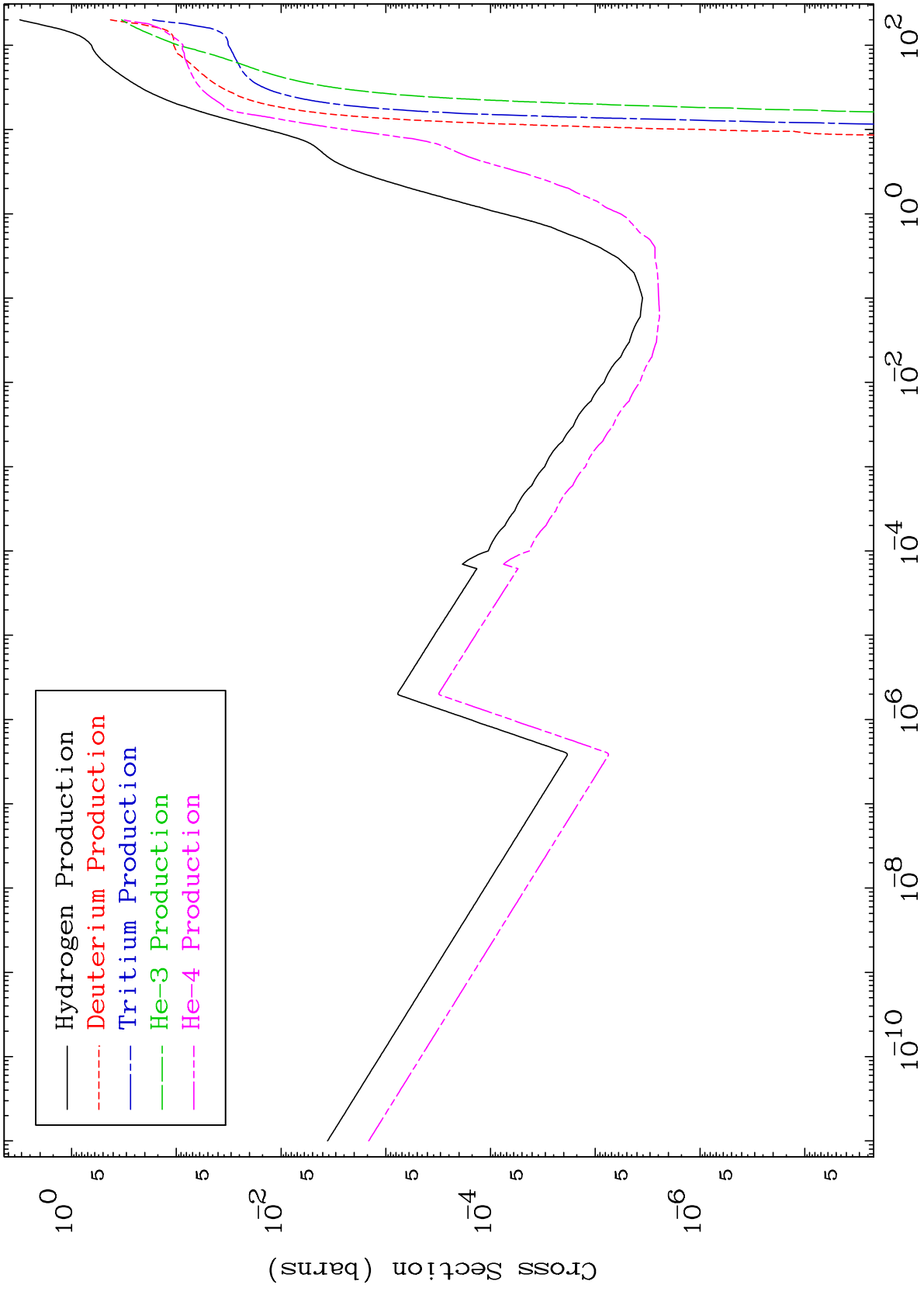


MAT 5629

293 Kelvin Cross Sections

56-Ba-131

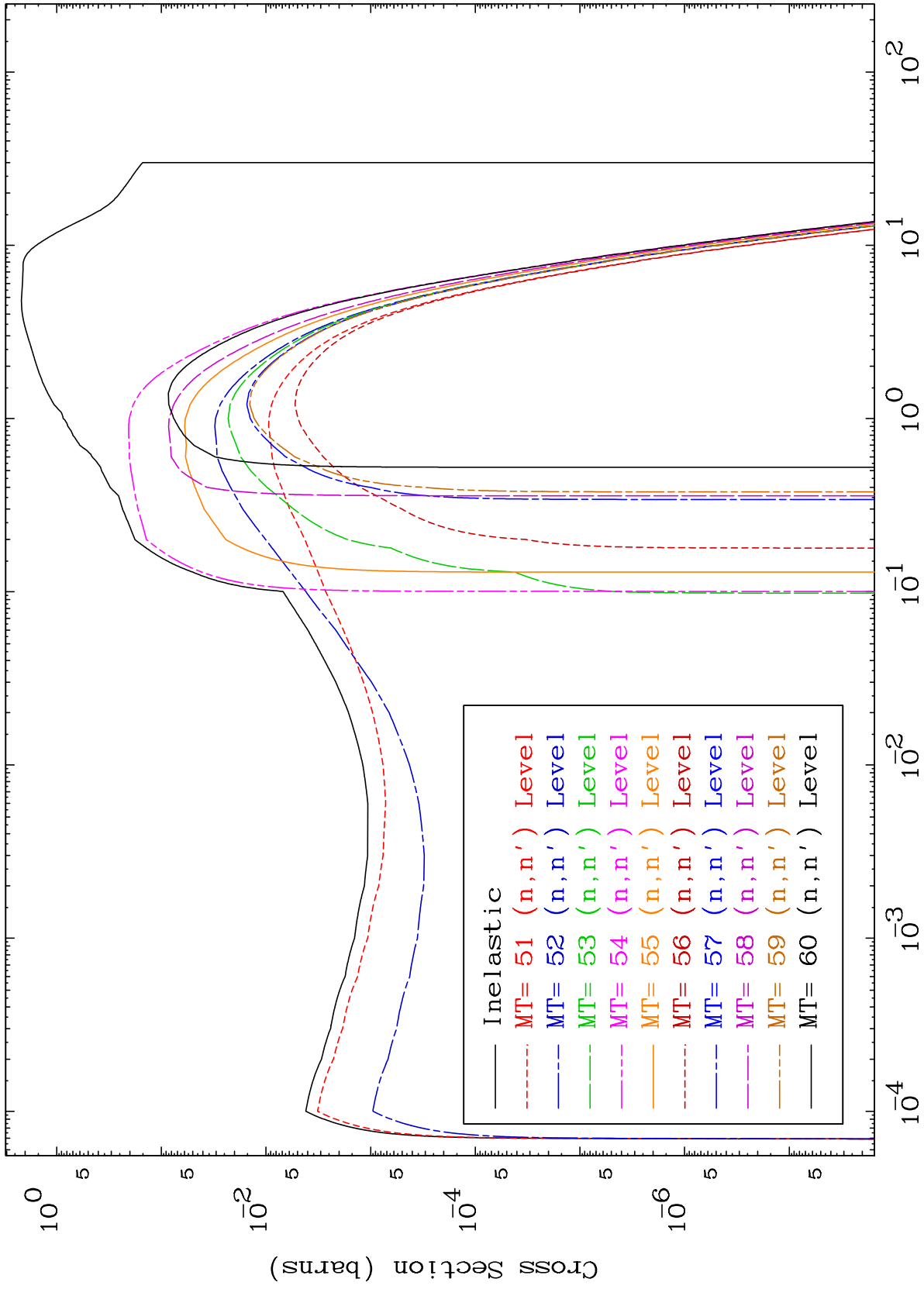




MAT 5629

(n,n') Level
293 Kelvin Cross Sections

56-Ba-131

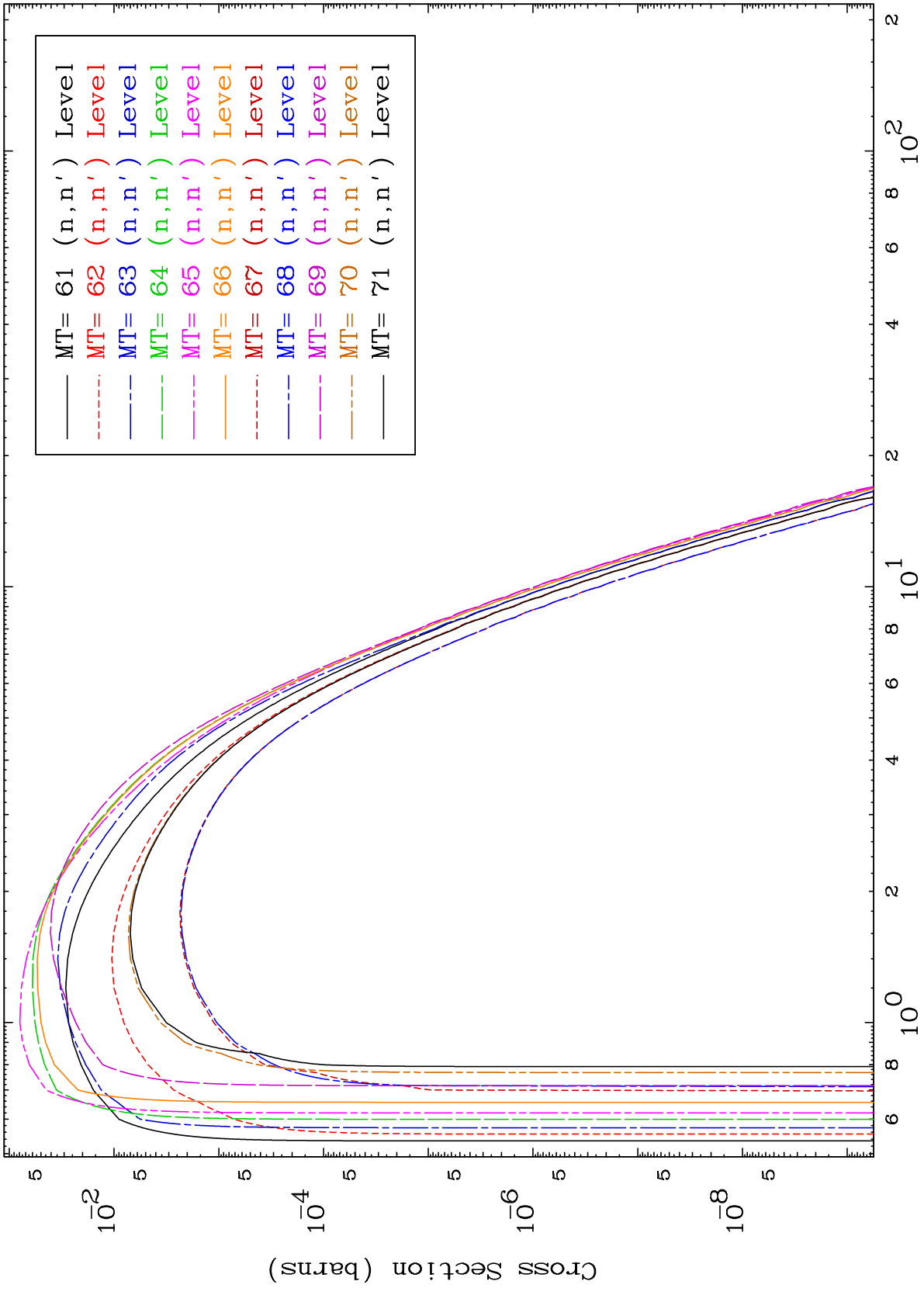


MAT 5629

(n,n') Level

56-Ba-131

293 Kelvin Cross Sections



8

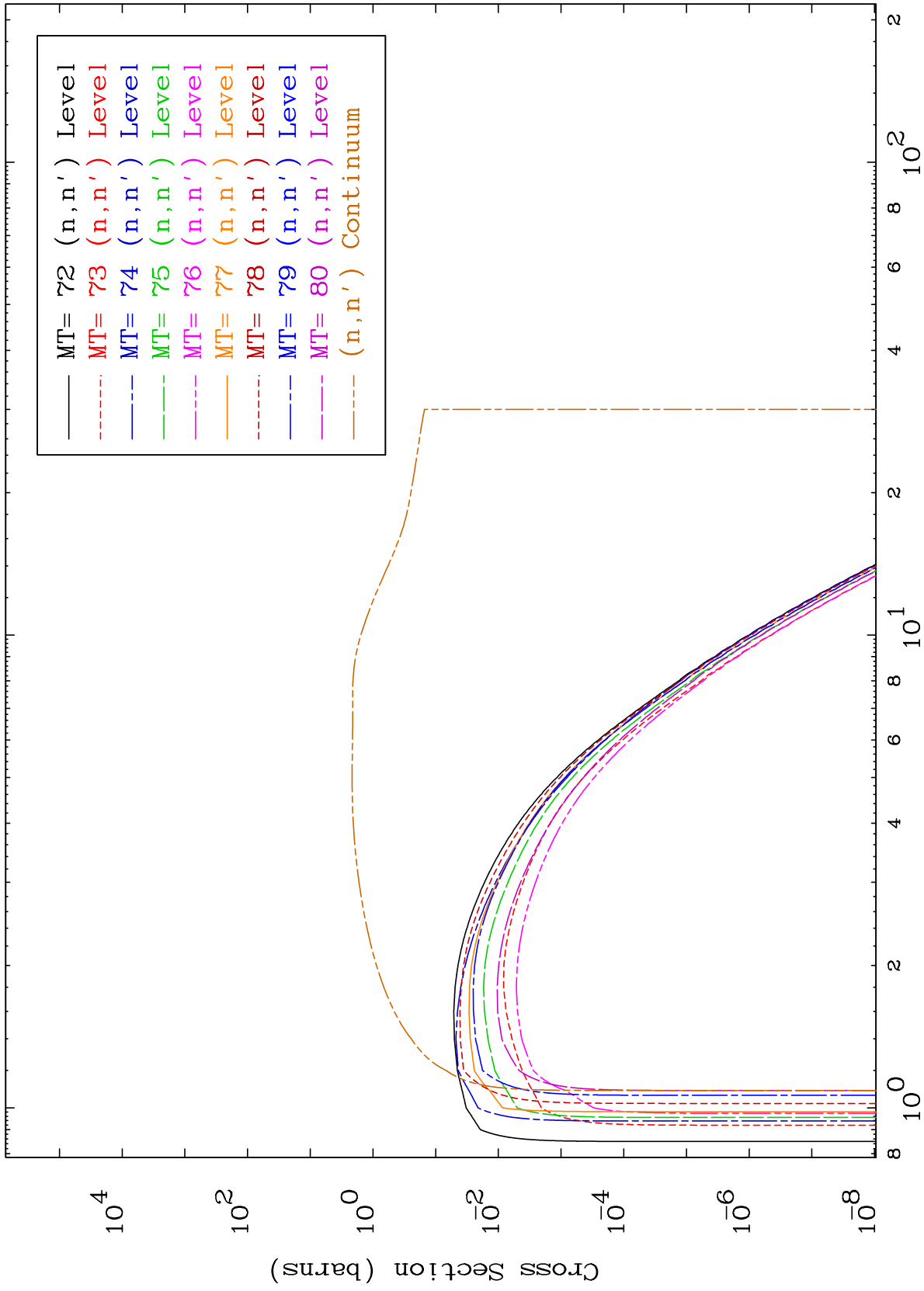
Incident Energy (MeV)

56-Ba-131

MAT 5629

(n,n') Level
293 Kelvin Cross Sections

56-Ba-131



9

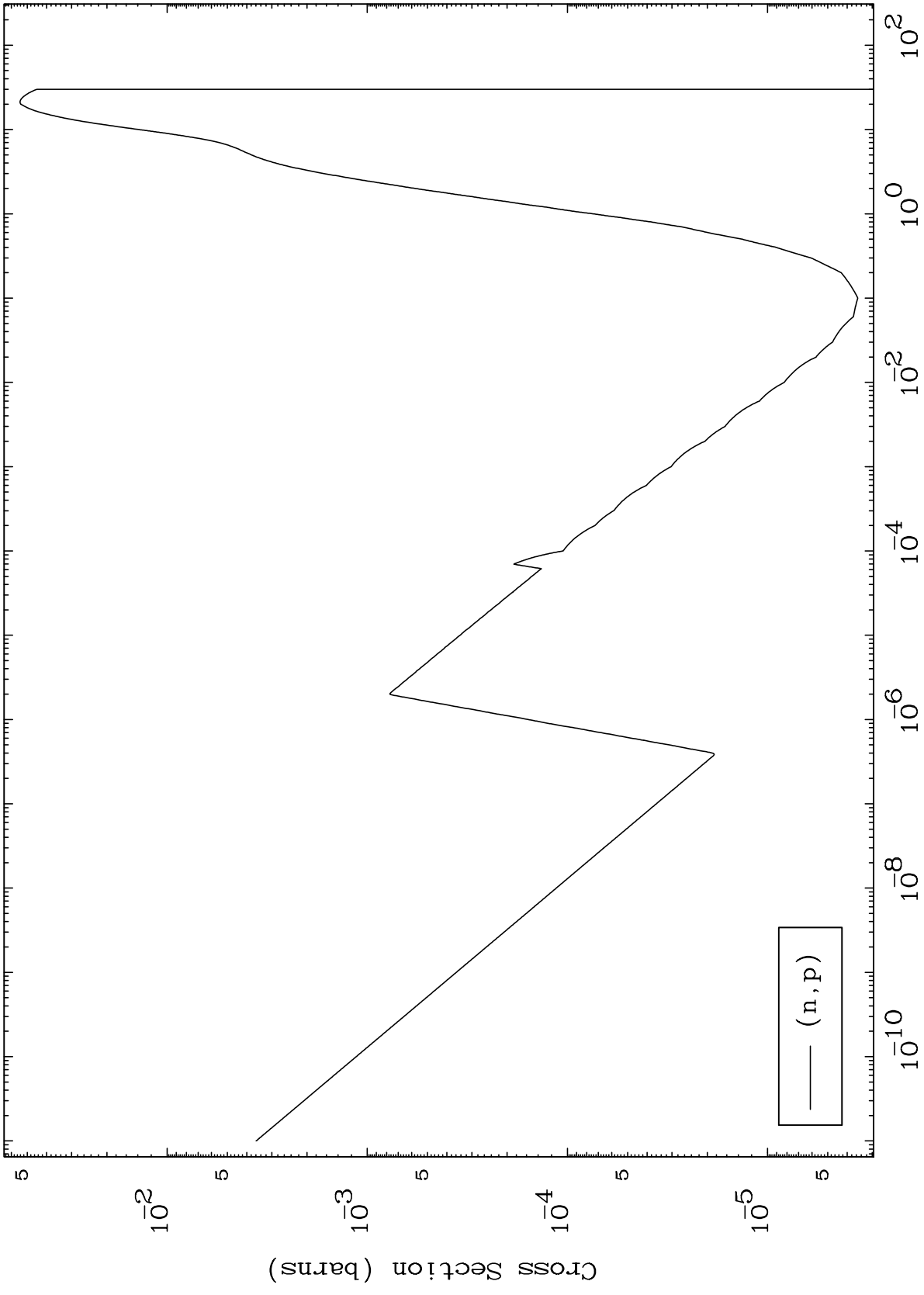
Incident Energy (MeV)

56-Ba-131

MAT 5629

(n,p) Levels
293 Kelvin Cross Sections

56-Ba-131



— (n, p)

10

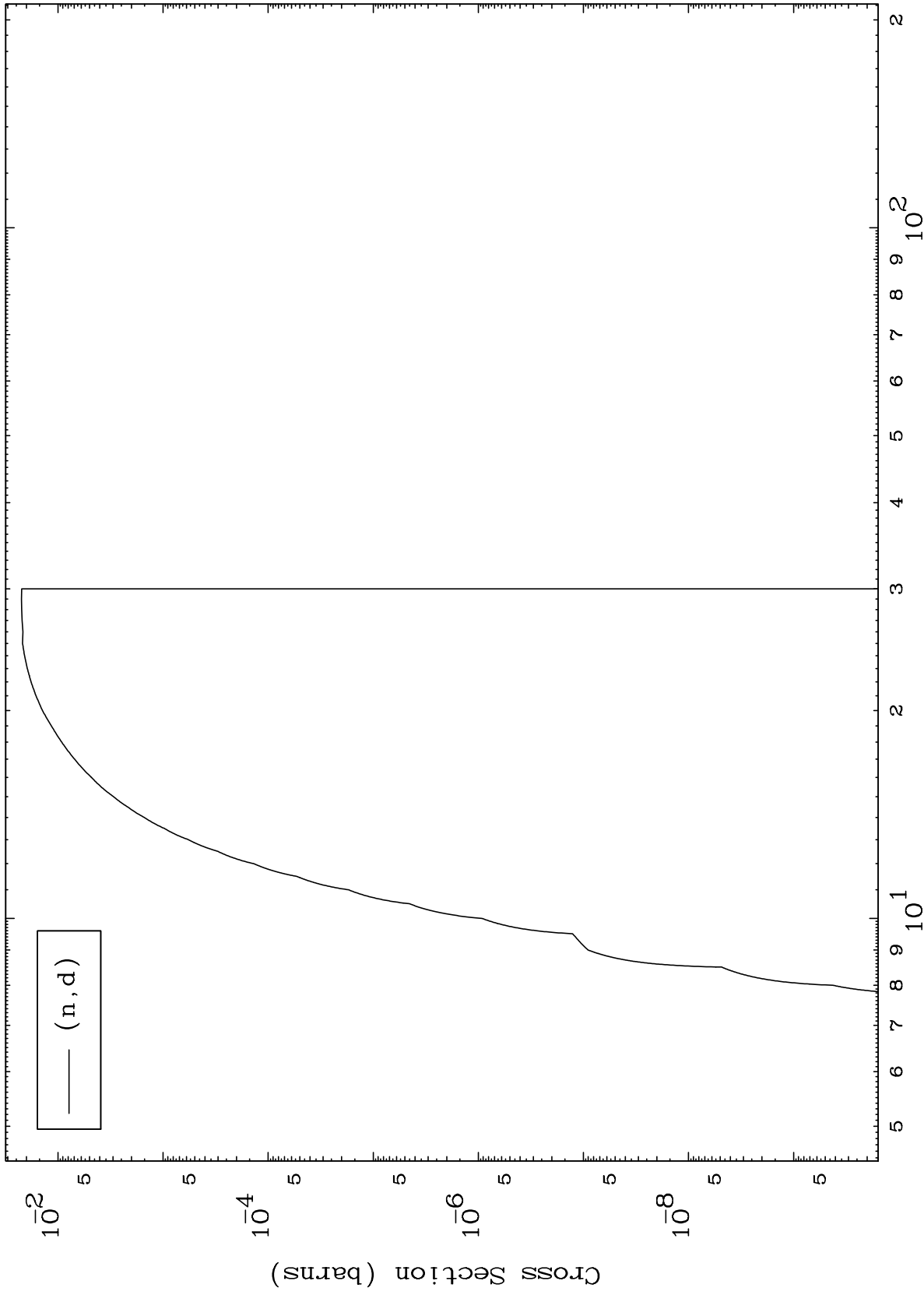
Incident Energy (MeV)

56-Ba-131

MAT 5629

(n,d) Levels
293 Kelvin Cross Sections

56-Ba-131



11

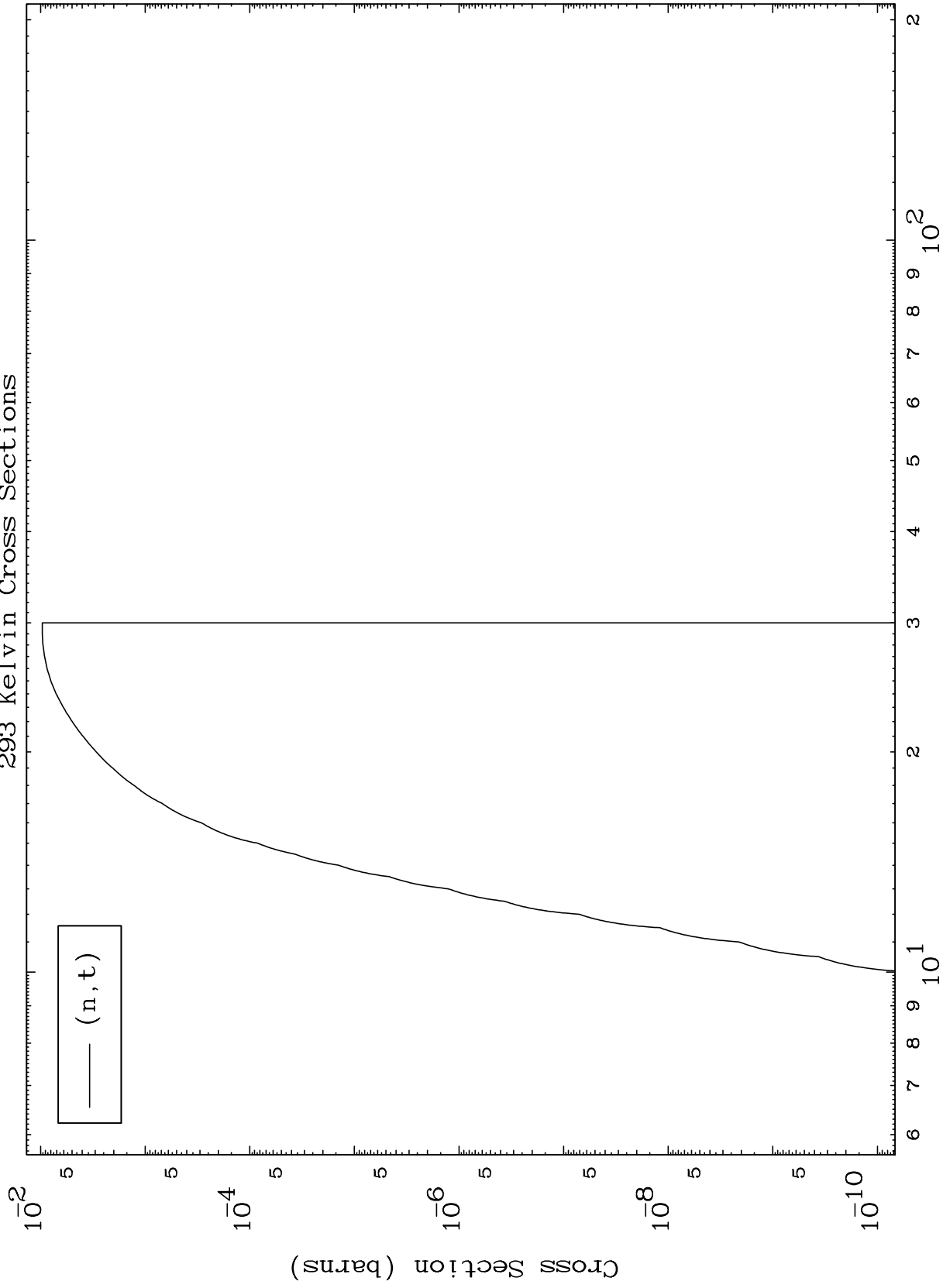
Incident Energy (MeV)

56-Ba-131

MAT 5629

(n,t) Levels
293 Kelvin Cross Sections

56-Ba-131



12

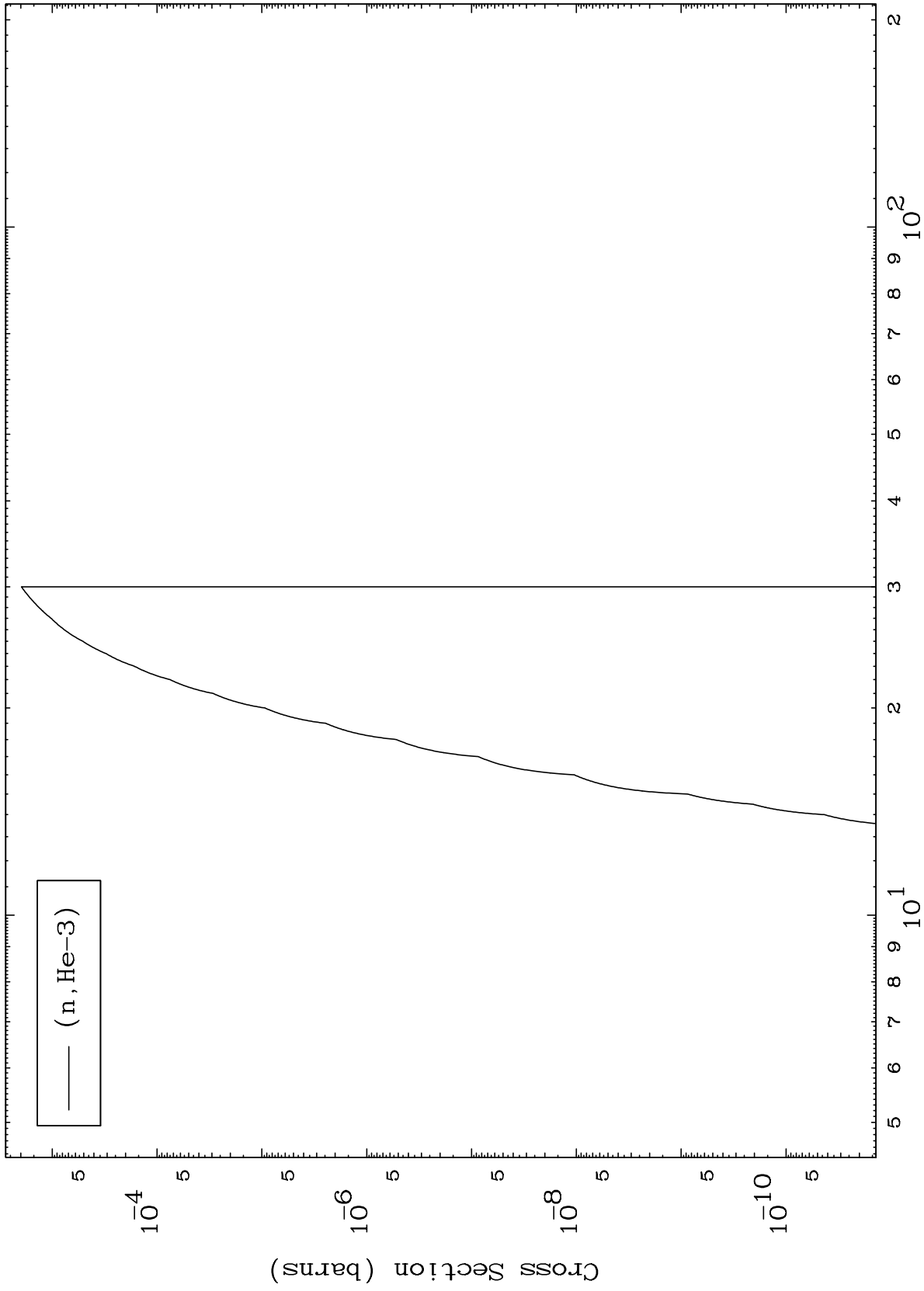
Incident Energy (MeV)

56-Ba-131

MAT 5629

(n,He3) Levels
293 Kelvin Cross Sections

56-Ba-131



13

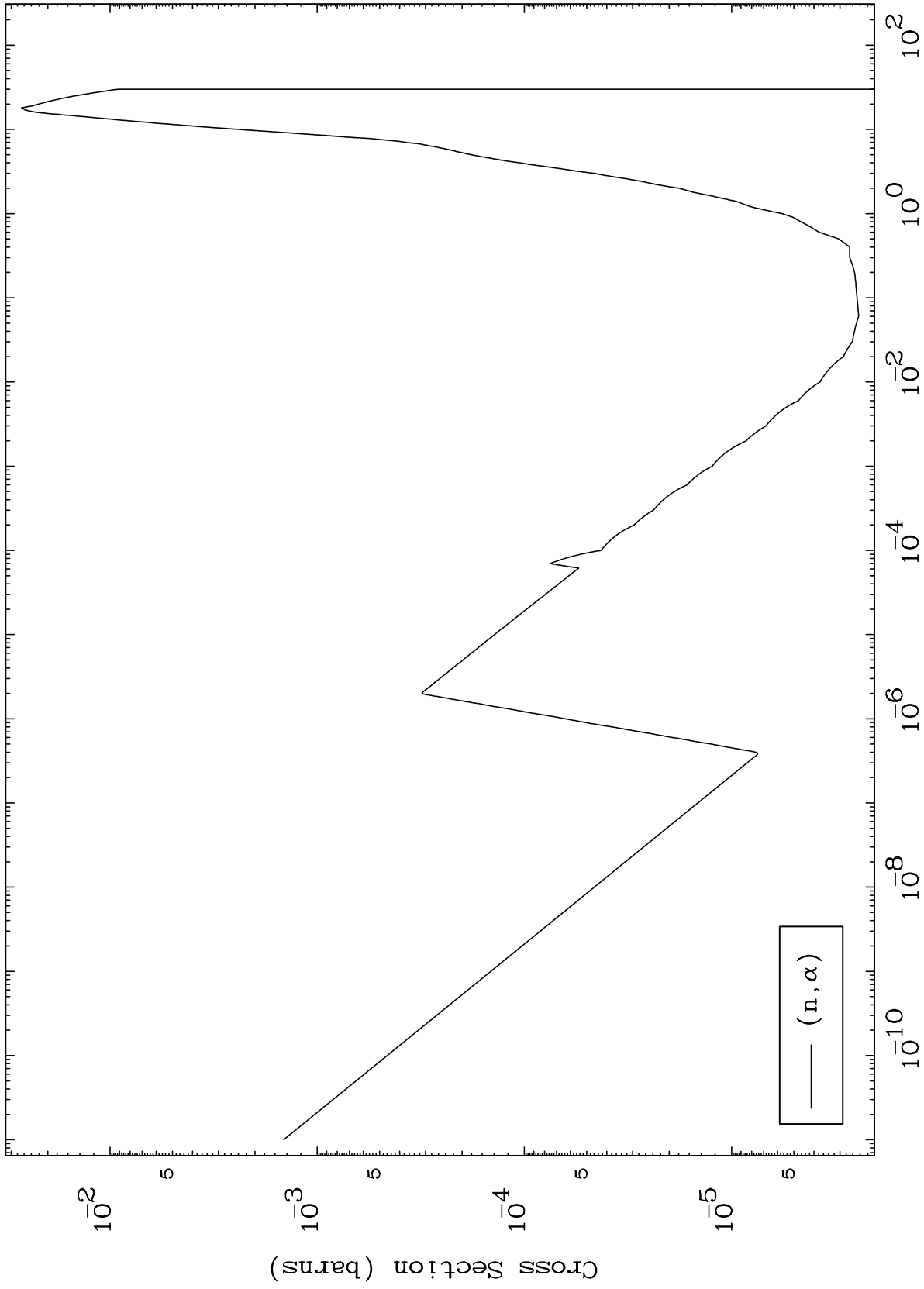
Incident Energy (MeV)

56-Ba-131

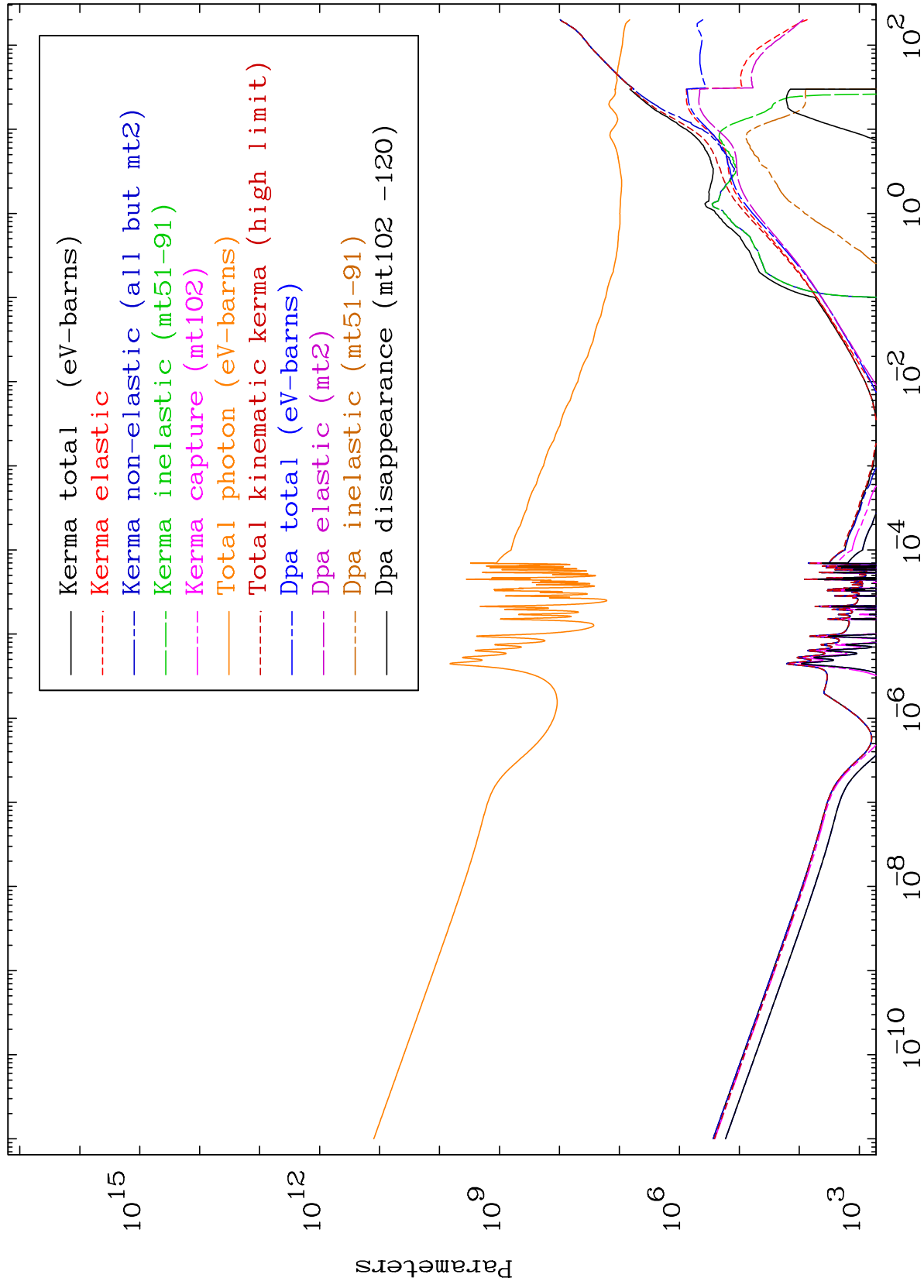
MAT 5629

(n,α) Levels
293 Kelvin Cross Sections

56-Ba-131



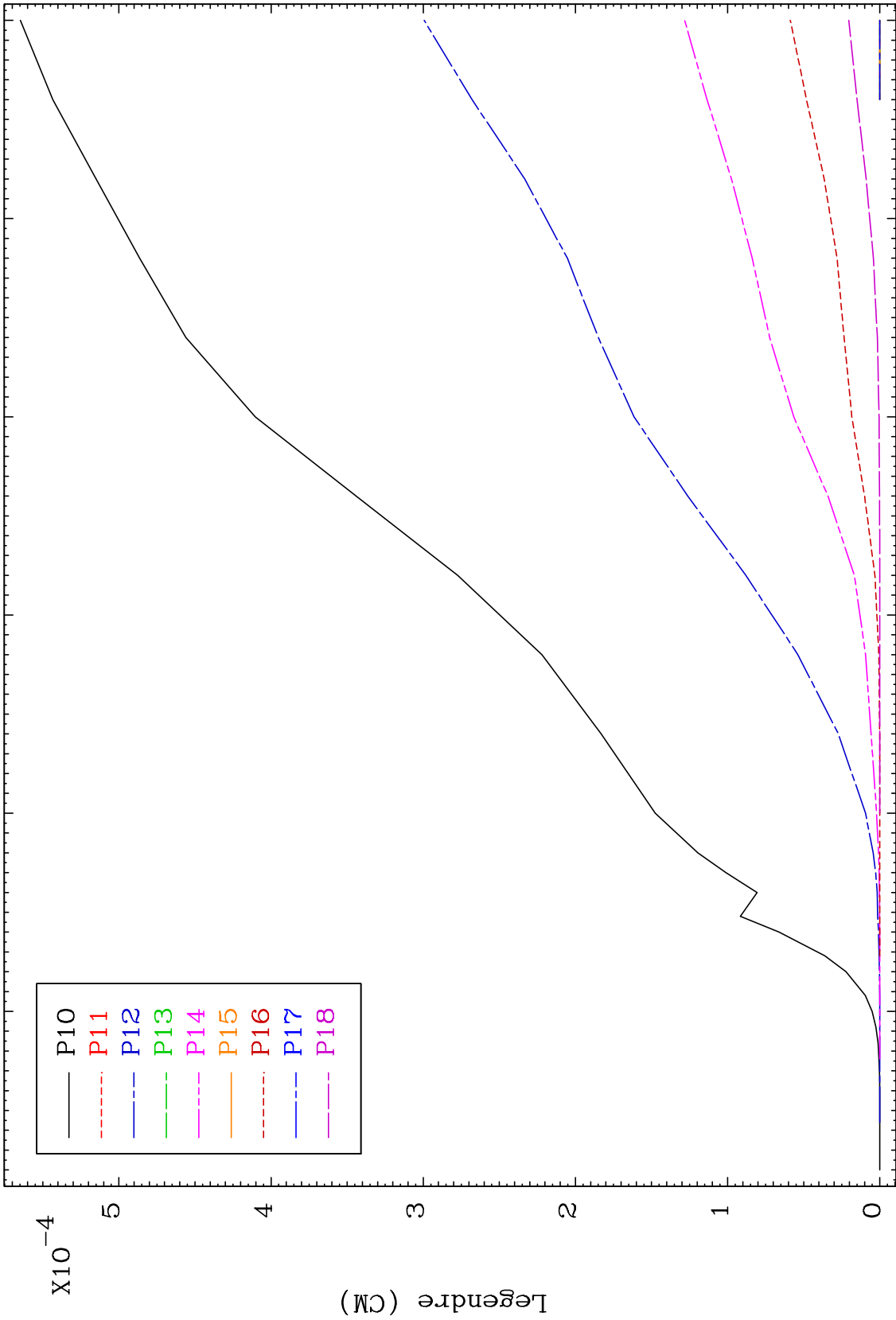
— (n,α)



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Elastic Legendre Coefficients

56-Ba-131



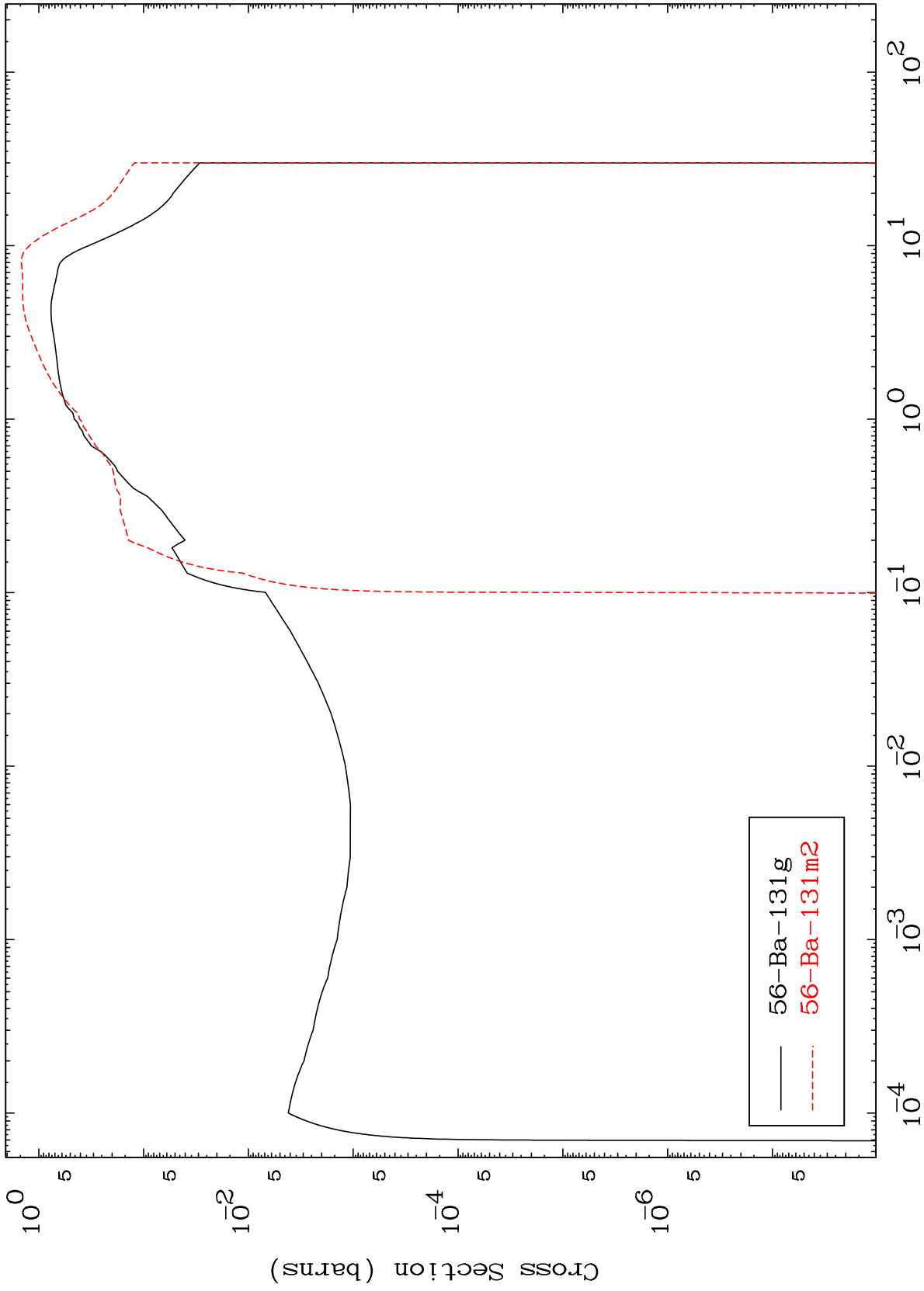
17

56-Ba-131

MAT 5629

56-Ba-131

Inelastic
Radionuclide Production Cross Section



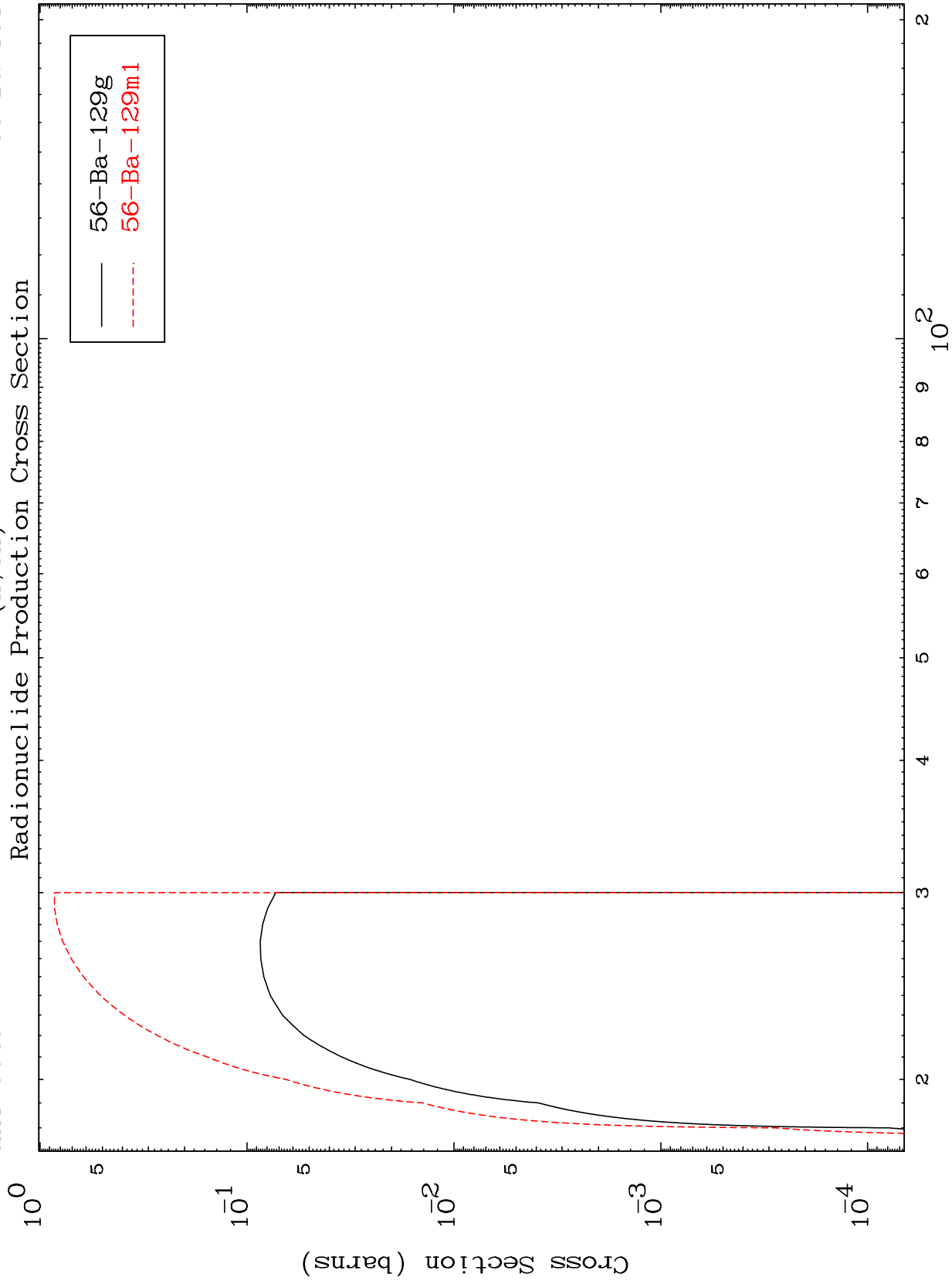
19

56-Ba-131

MAT 5629

56-Ba-131

(n,3n)
Radionuclide Production Cross Section



56-Ba-129g
56-Ba-129m1

20

Incident Energy (MeV)

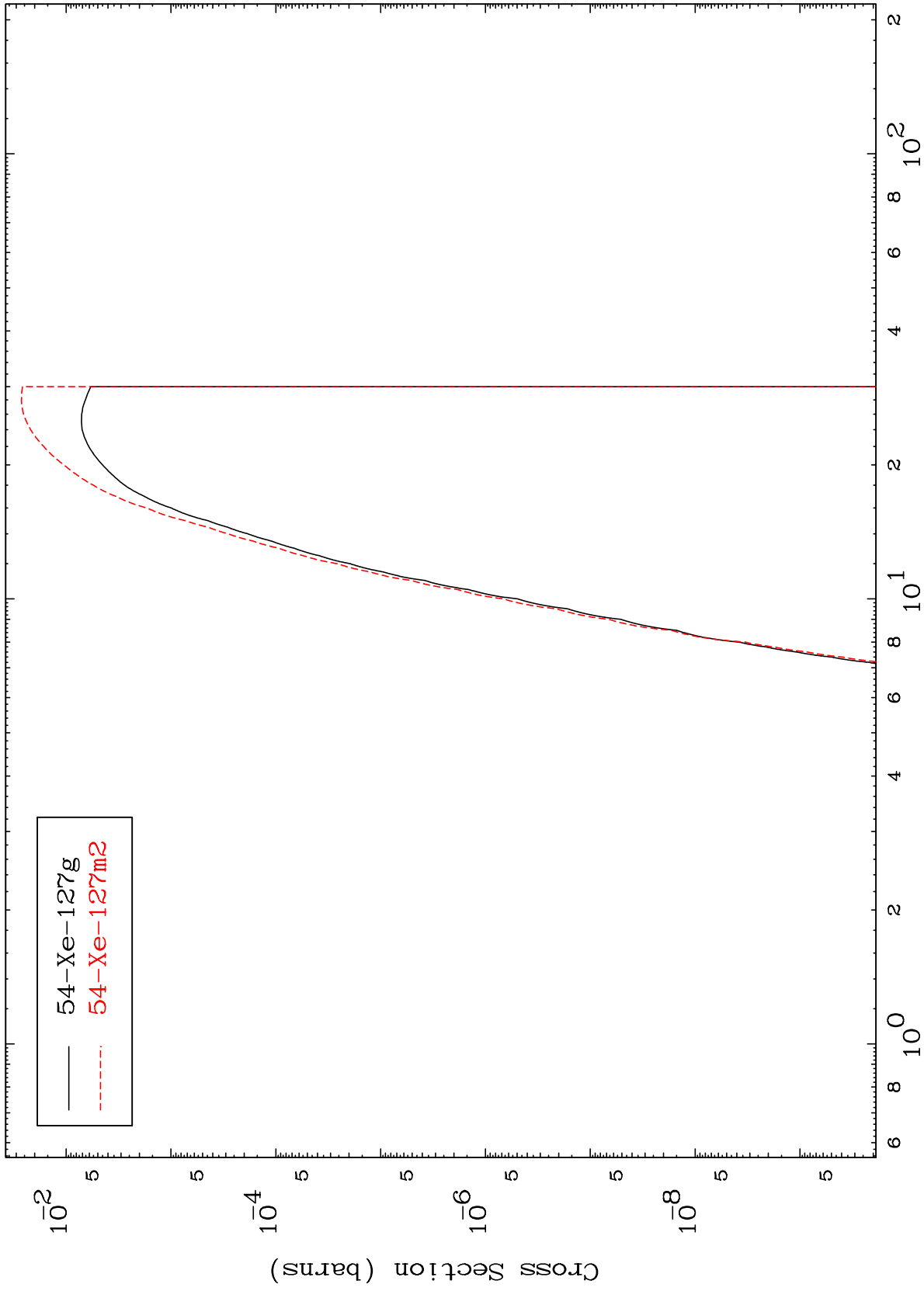
56-Ba-131

MAT 5629

(n,n') α

56-Ba-131

Radionuclide Production Cross Section



21

Incident Energy (MeV)

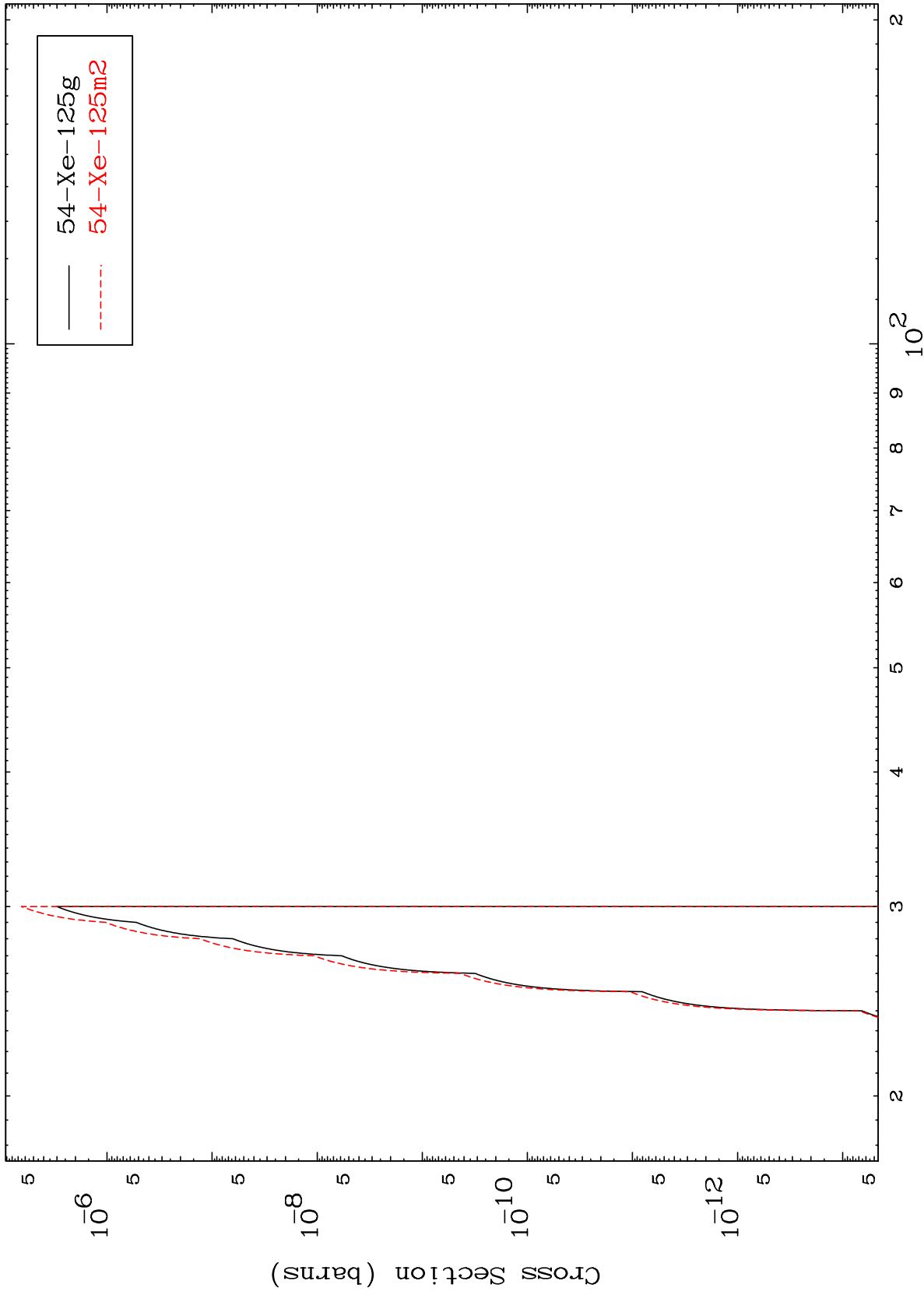
56-Ba-131

MAT 5629

(n,3n) α

56-Ba-131

Radionuclide Production Cross Section



22

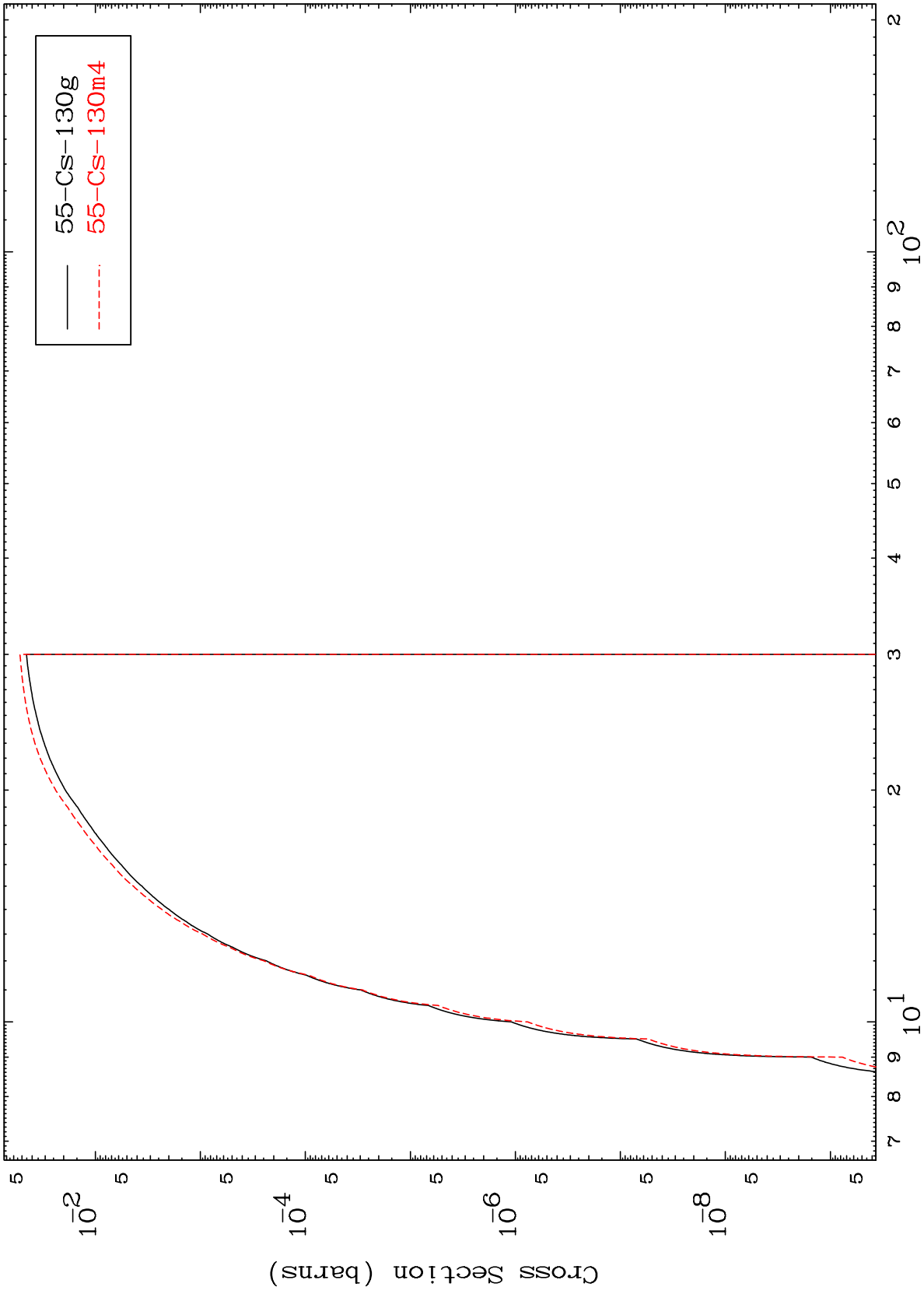
Incident Energy (MeV)

56-Ba-131

MAT 5629

56-Ba-131

(n,n') p
Radionuclide Production Cross Section



23

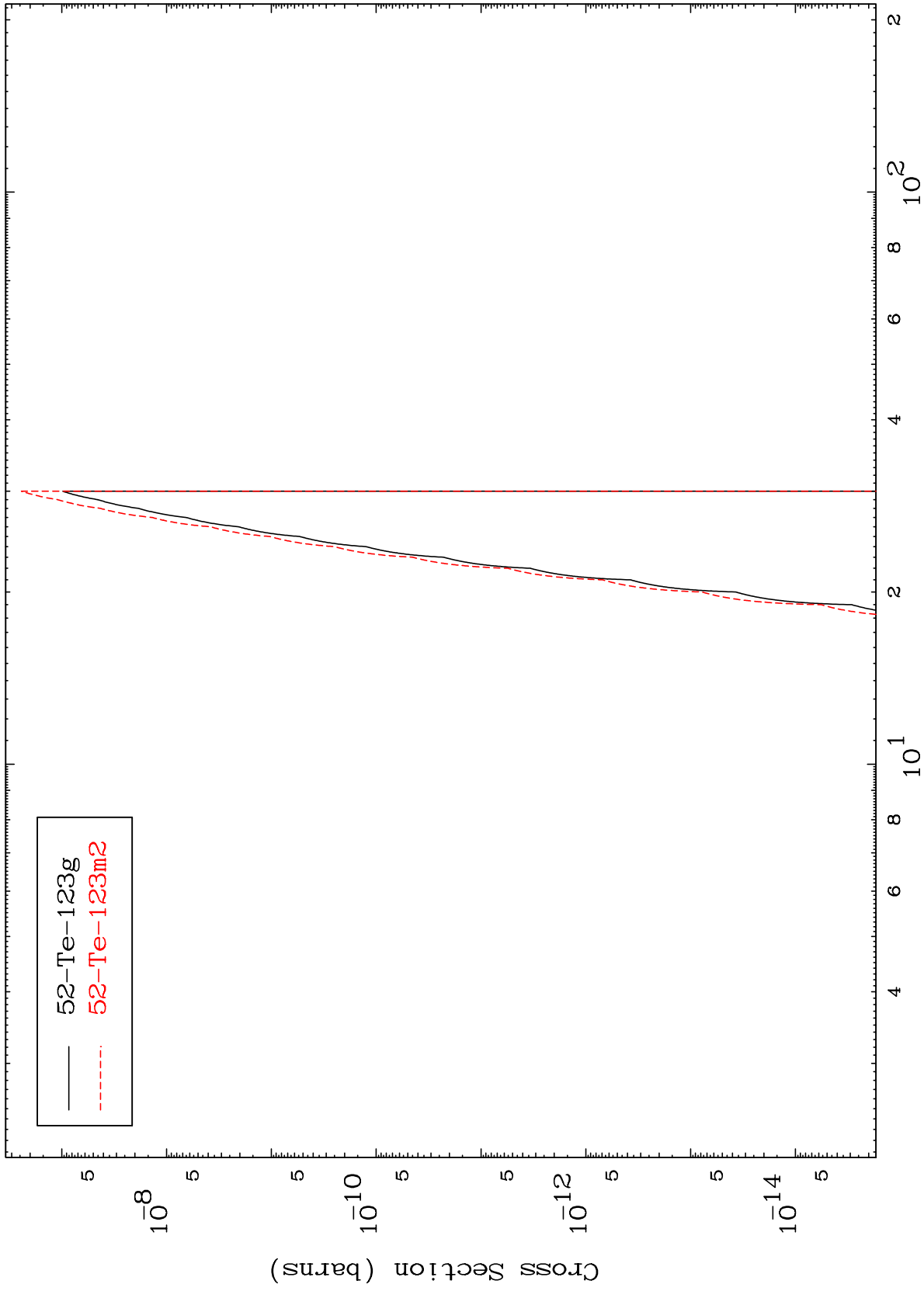
56-Ba-131

MAT 5629

(n,n') 2α

56-Ba-131

Radionuclide Production Cross Section



24

Incident Energy (MeV)

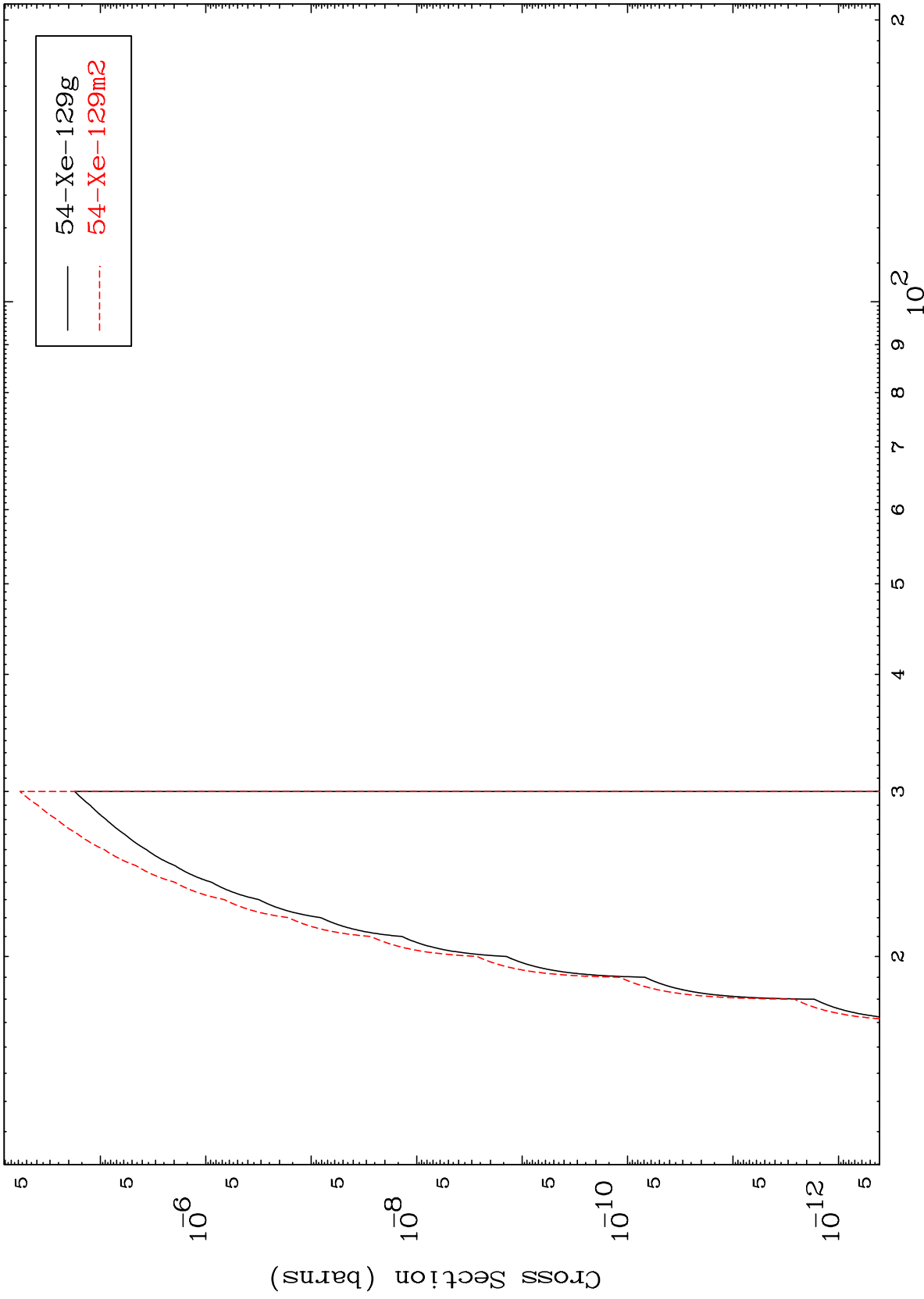
56-Ba-131

MAT 5629

(n,2n) p

56-Ba-131

Radionuclide Production Cross Section



25

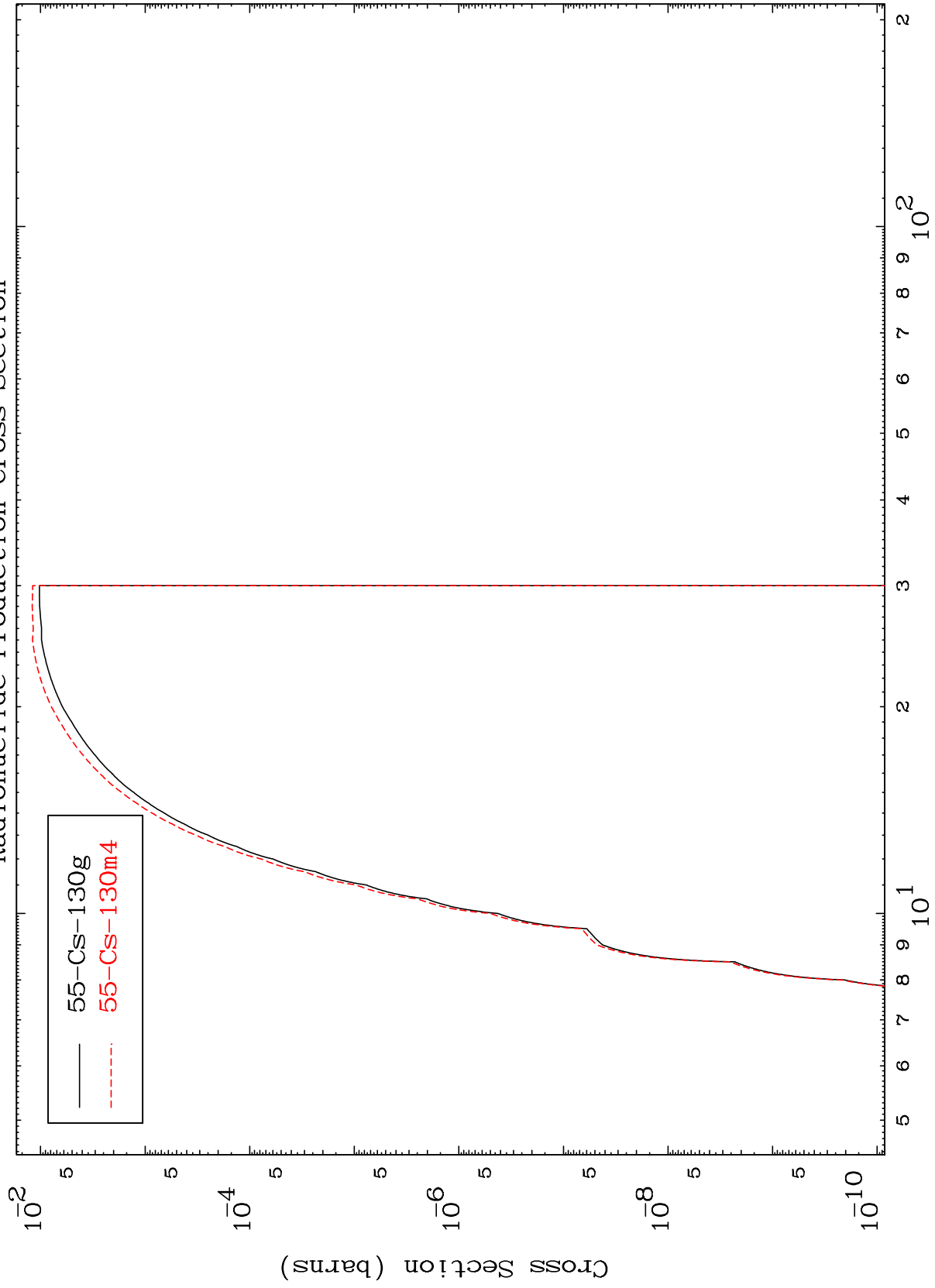
Incident Energy (MeV)

56-Ba-131

MAT 5629

56-Ba-131

(n,d)
Radionuclide Production Cross Section



26

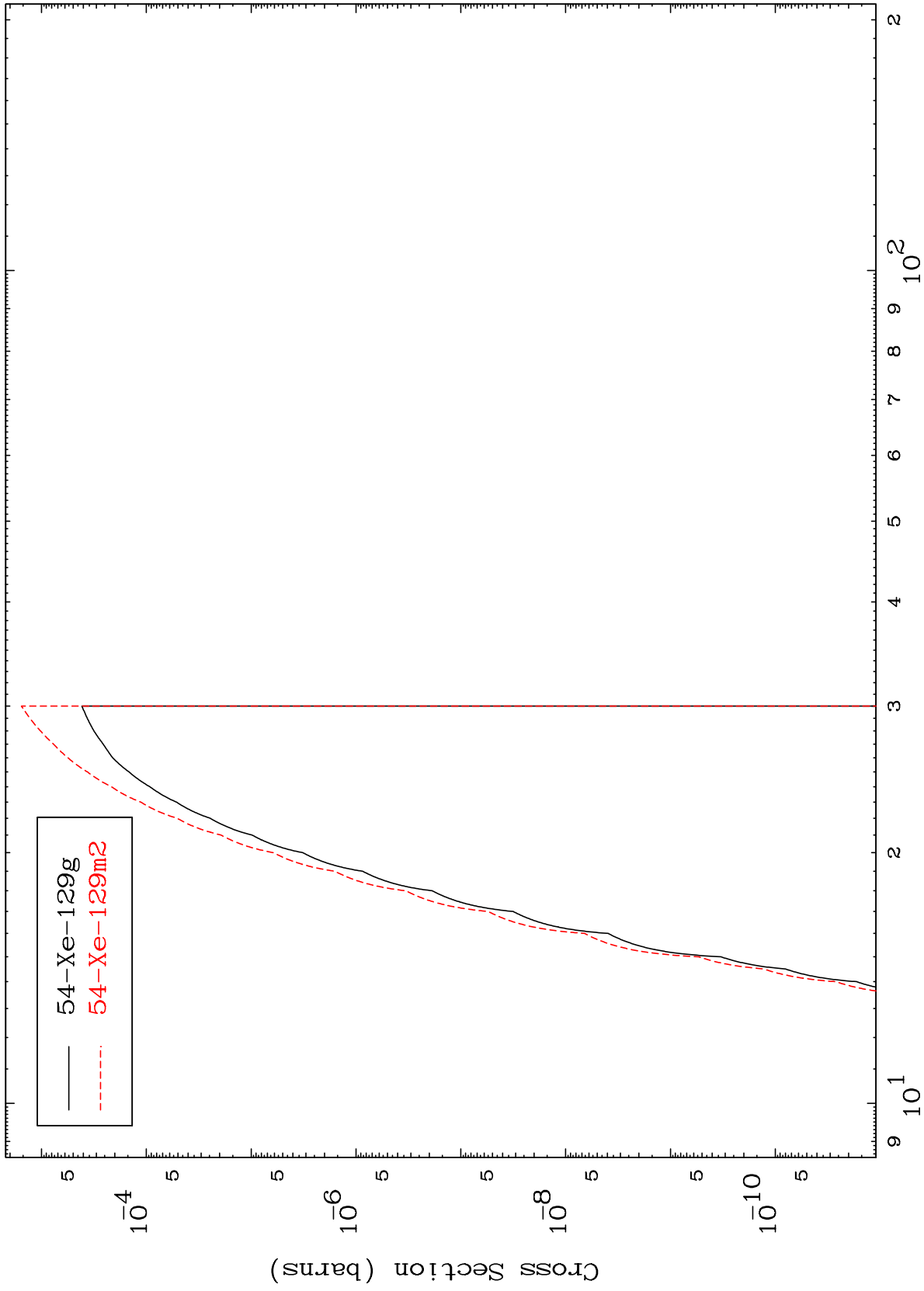
56-Ba-131

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(n, He-3)

56-Ba-131

Radionuclide Production Cross Section



27

Incident Energy (MeV)

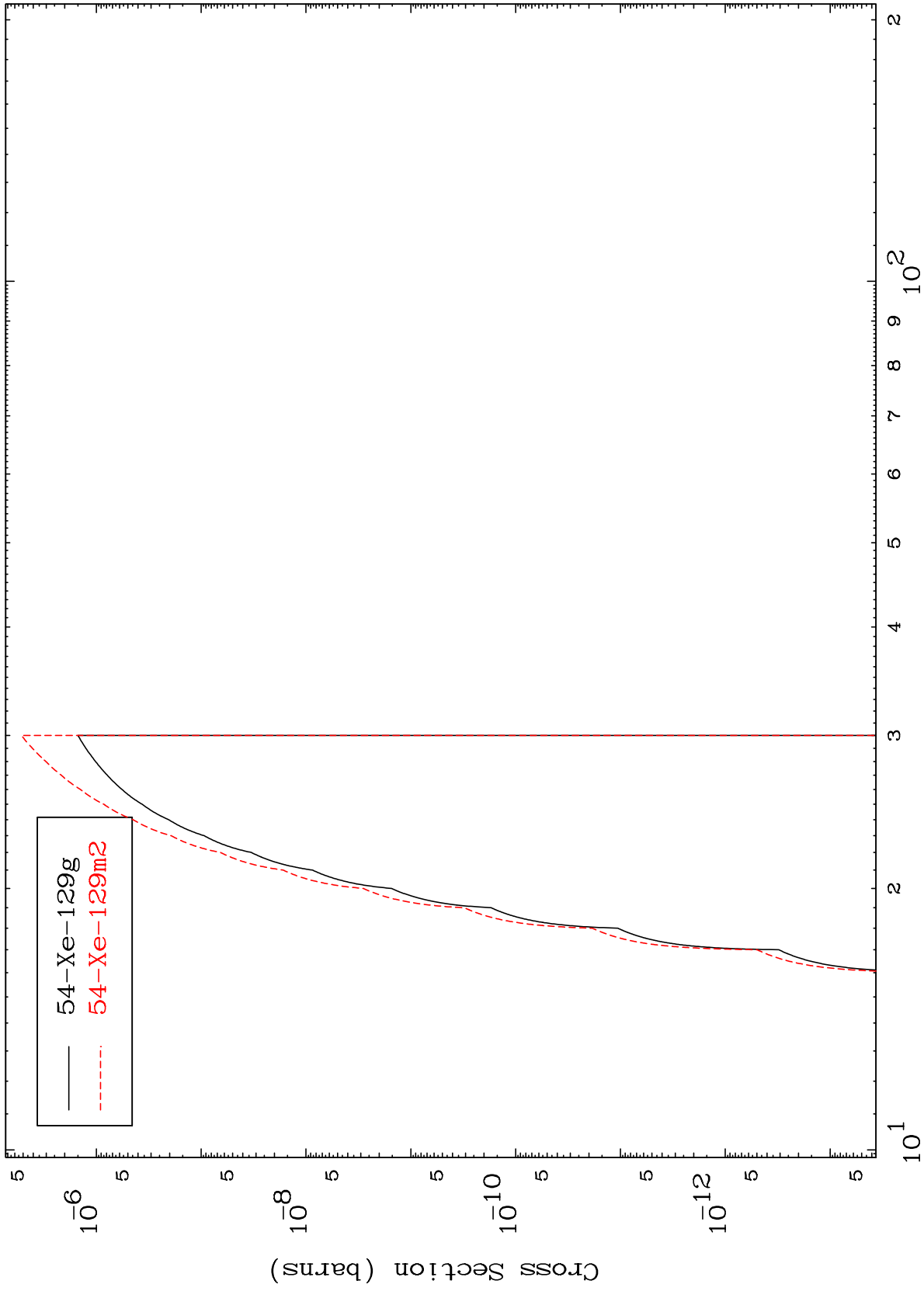
56-Ba-131

MAT 5629

(n,p) d

56-Ba-131

Radionuclide Production Cross Section



28

Incident Energy (MeV)

56-Ba-131