

Program EVALPLOT
(Version 2018-1)

by

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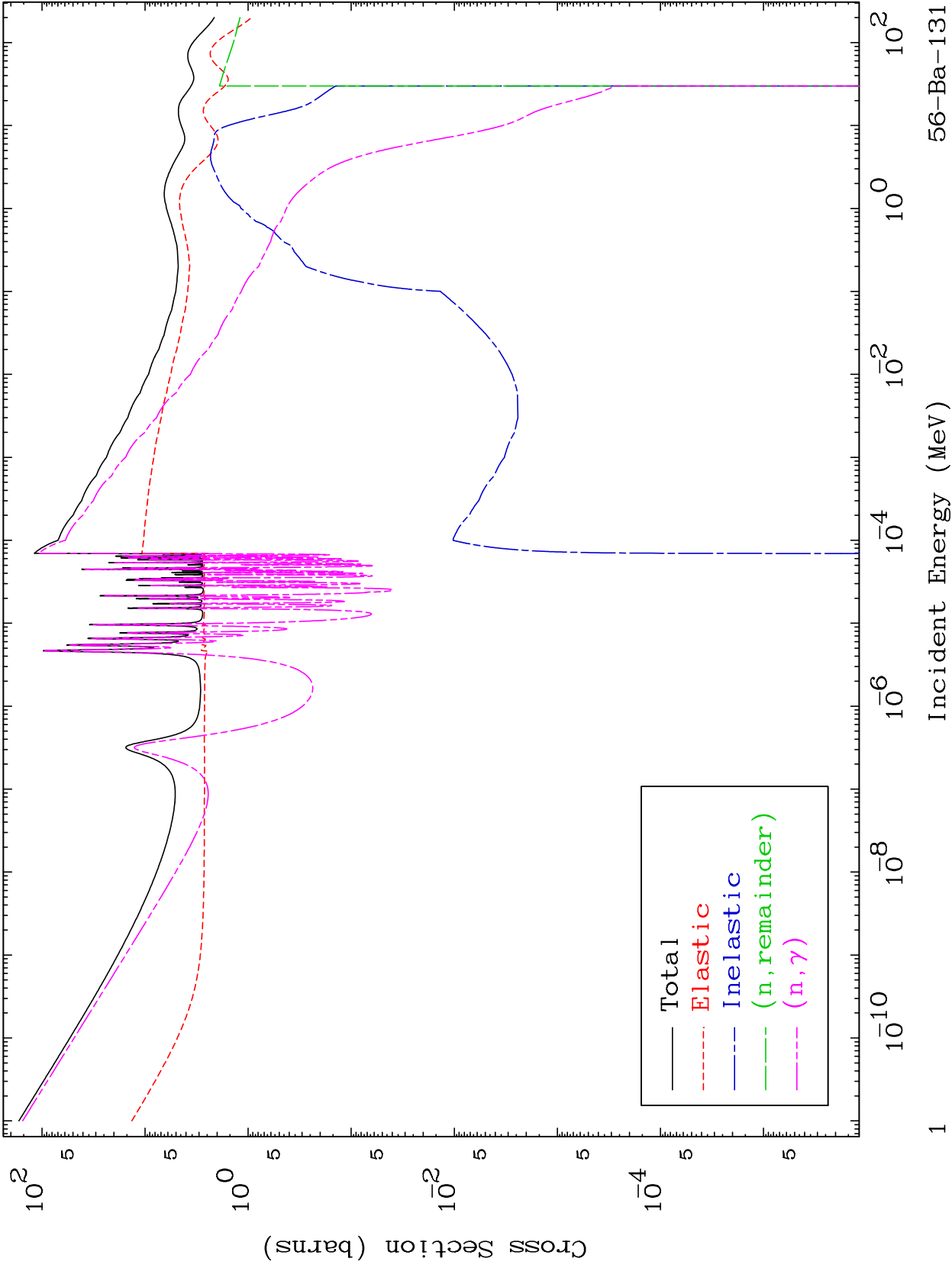
Press Mouse Button to Start

MAT 5629

Major

293 Kelvin Cross Sections

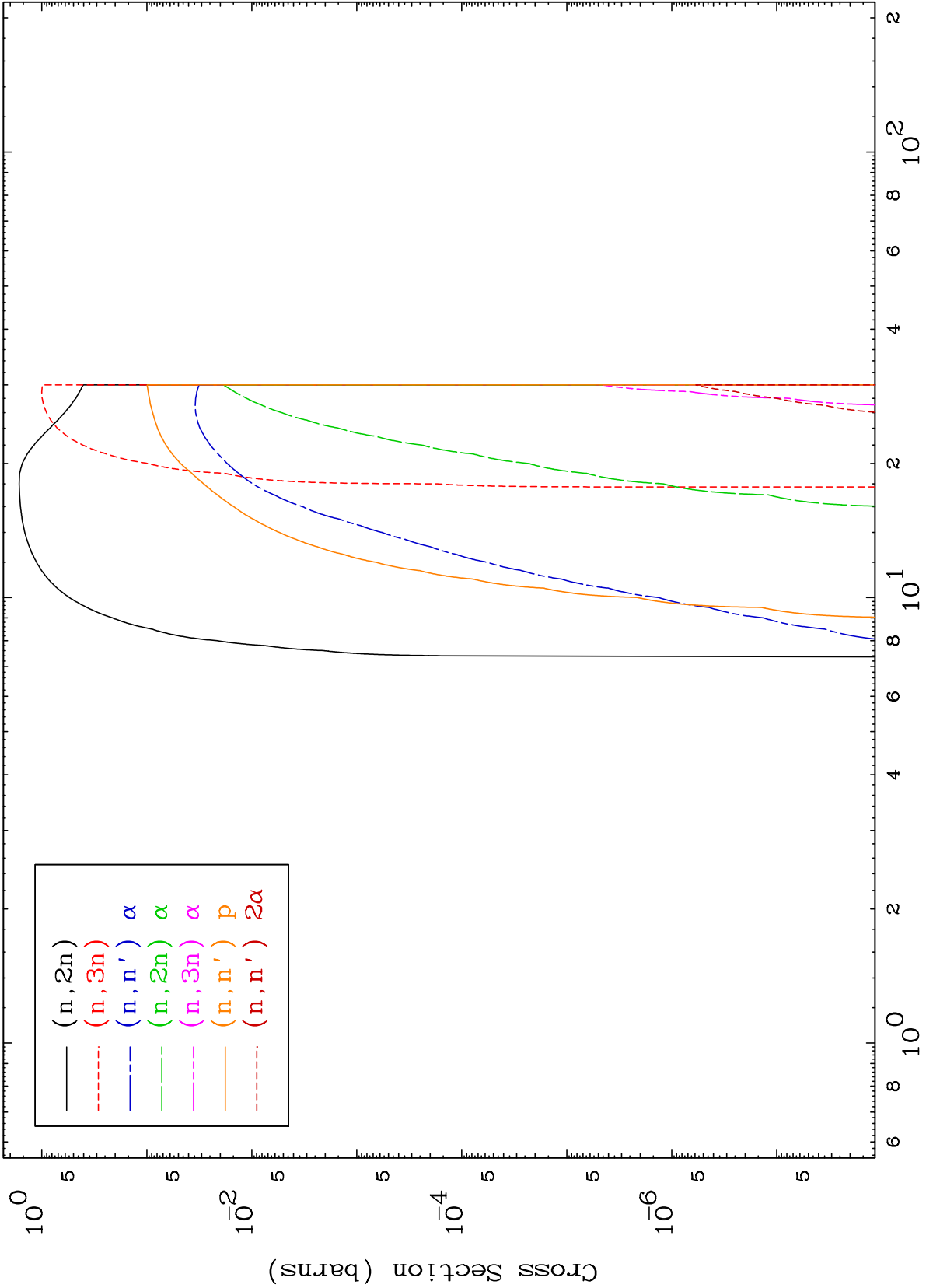
56-Ba-131



MAT 5629

Neutron Production
293 Kelvin Cross Sections

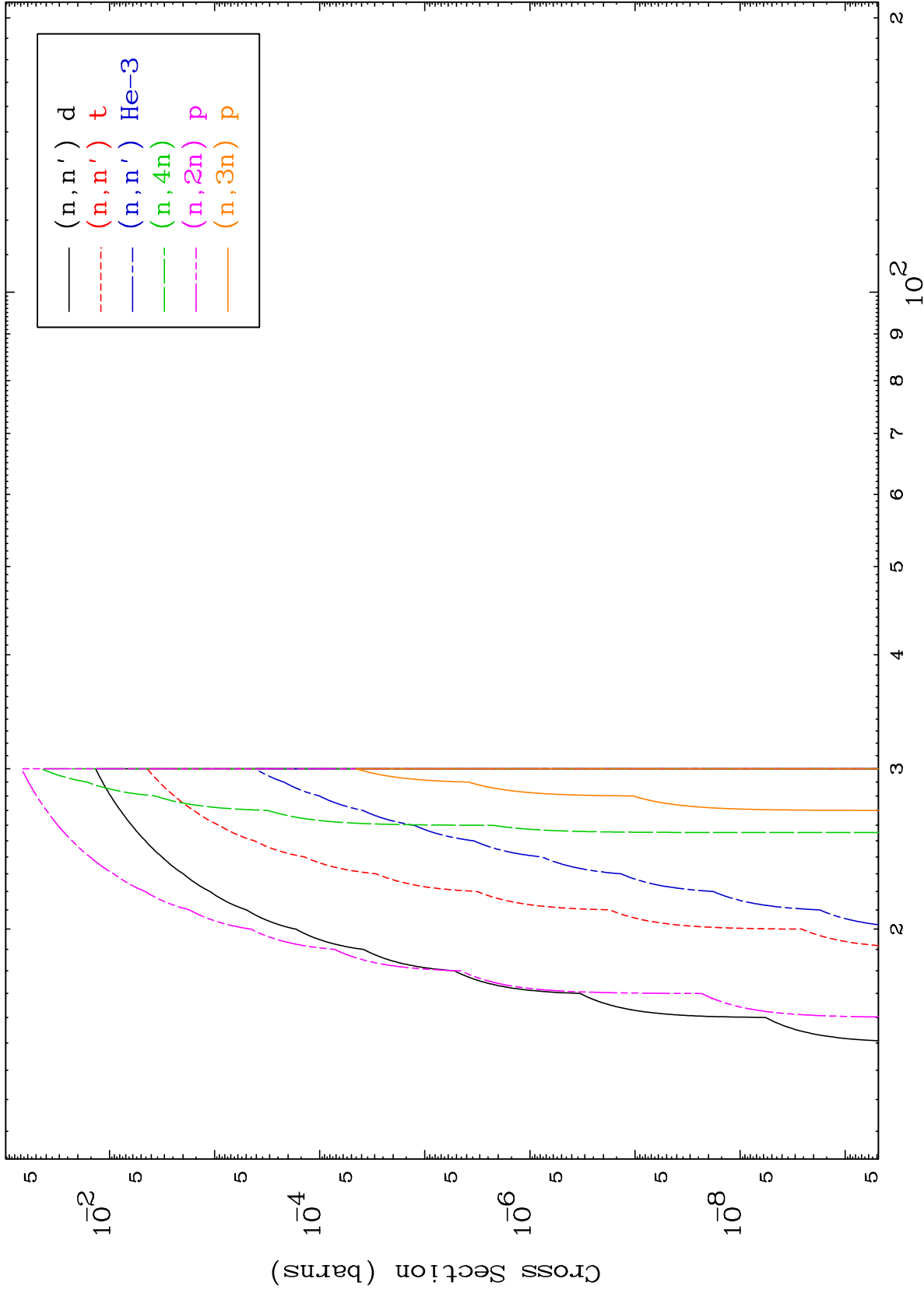
56-Ba-131



2

Incident Energy (MeV)

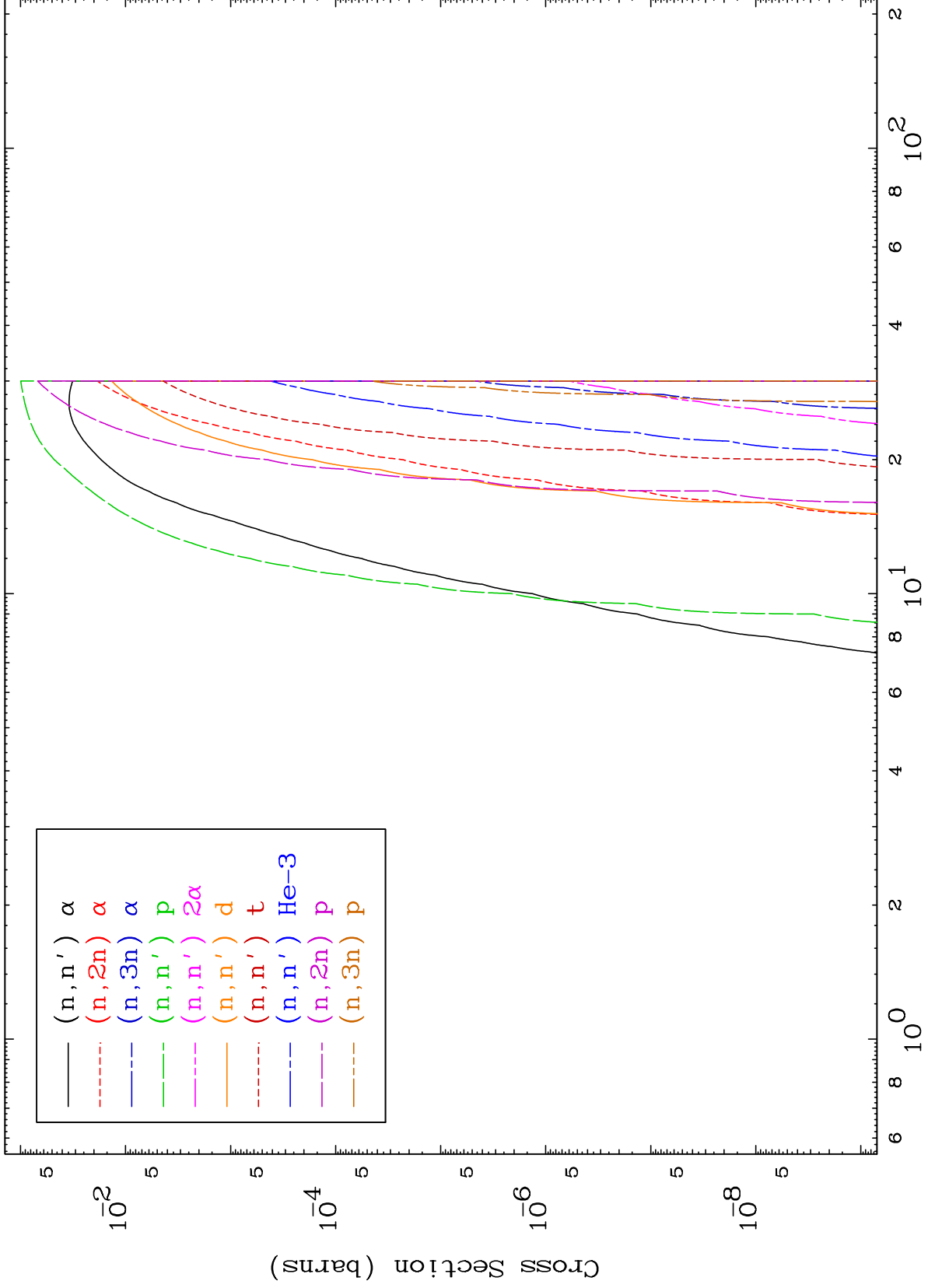
56-Ba-131



MAT 5629

Charged Particle
293 Kelvin Cross Sections

56-Ba-131



4

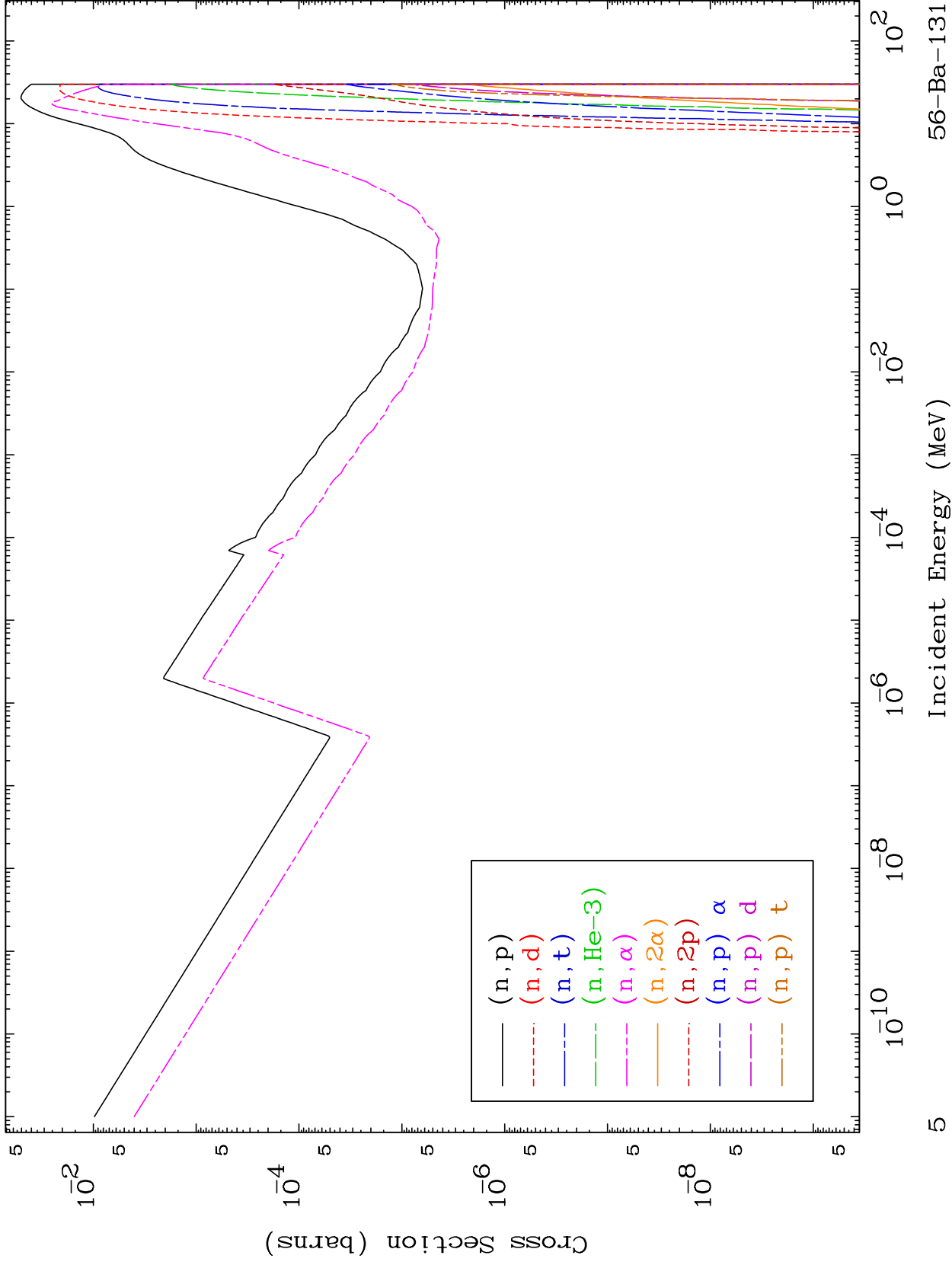
Incident Energy (MeV)

56-Ba-131

MAT 5629

Charged Particle
293 Kelvin Cross Sections

56-Ba-131

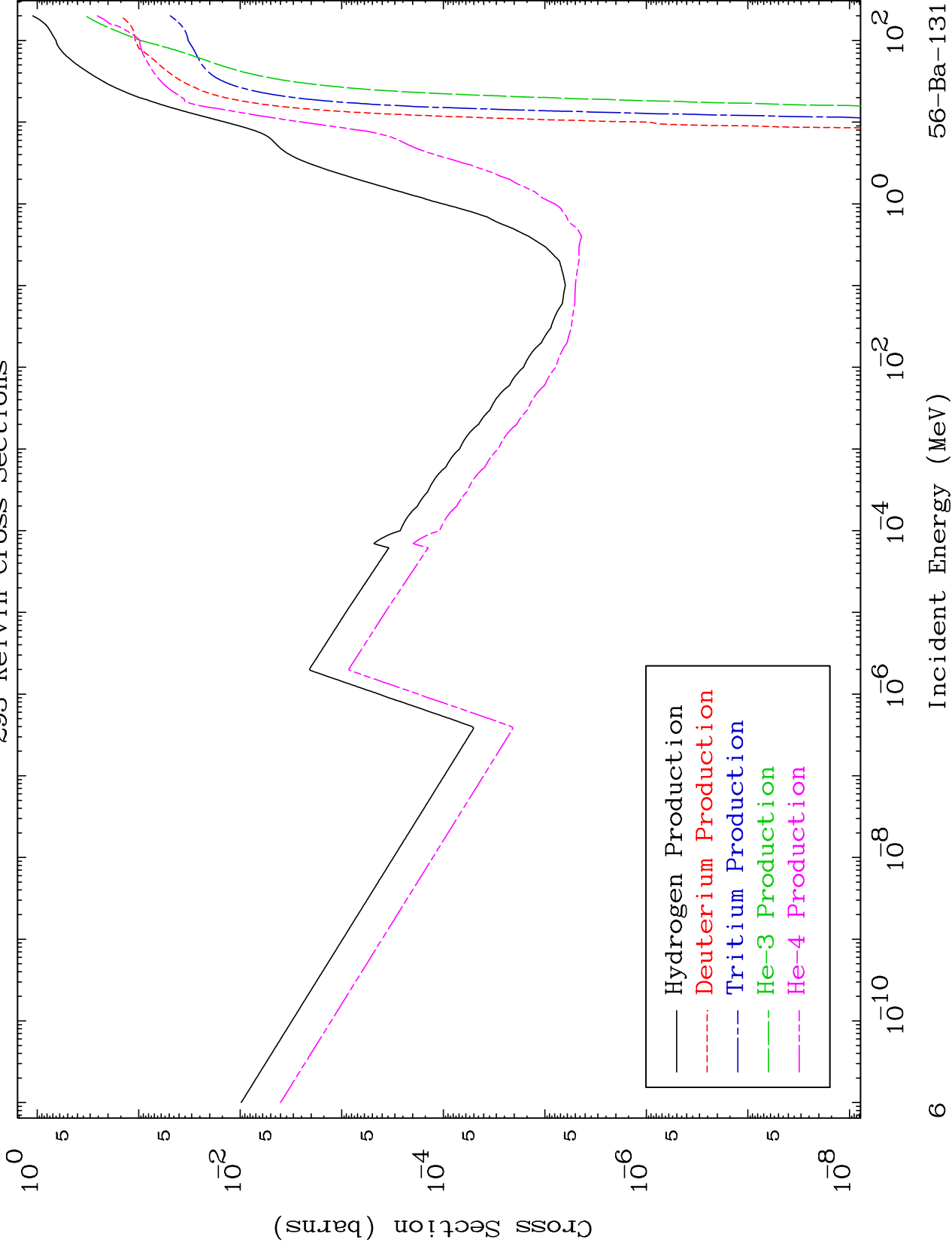


5

MAT 5629

Particle Production
293 Kelvin Cross Sections

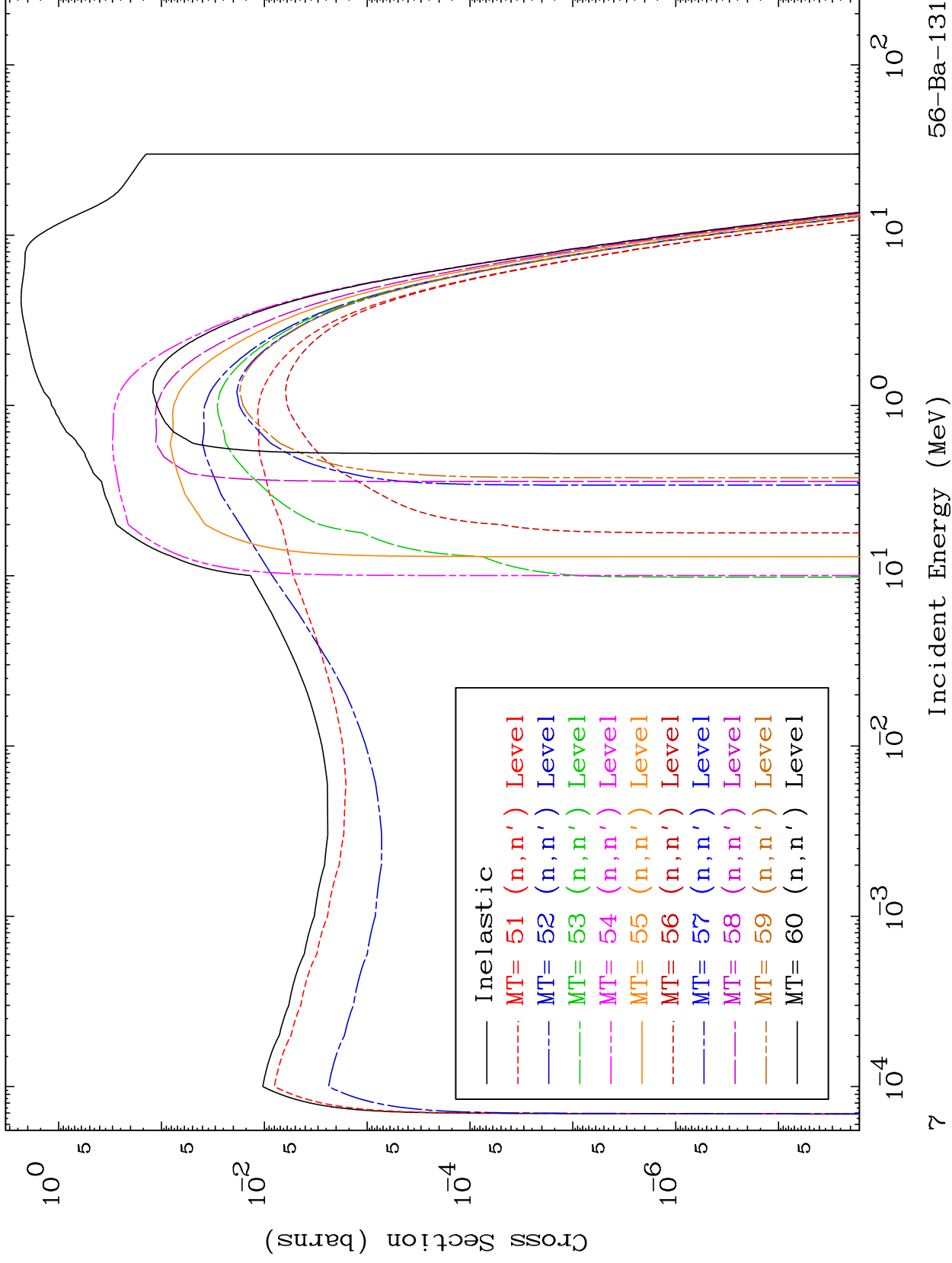
56-Ba-131



MAT 5629

(n,n') Level
293 Kelvin Cross Sections

56-Ba-131

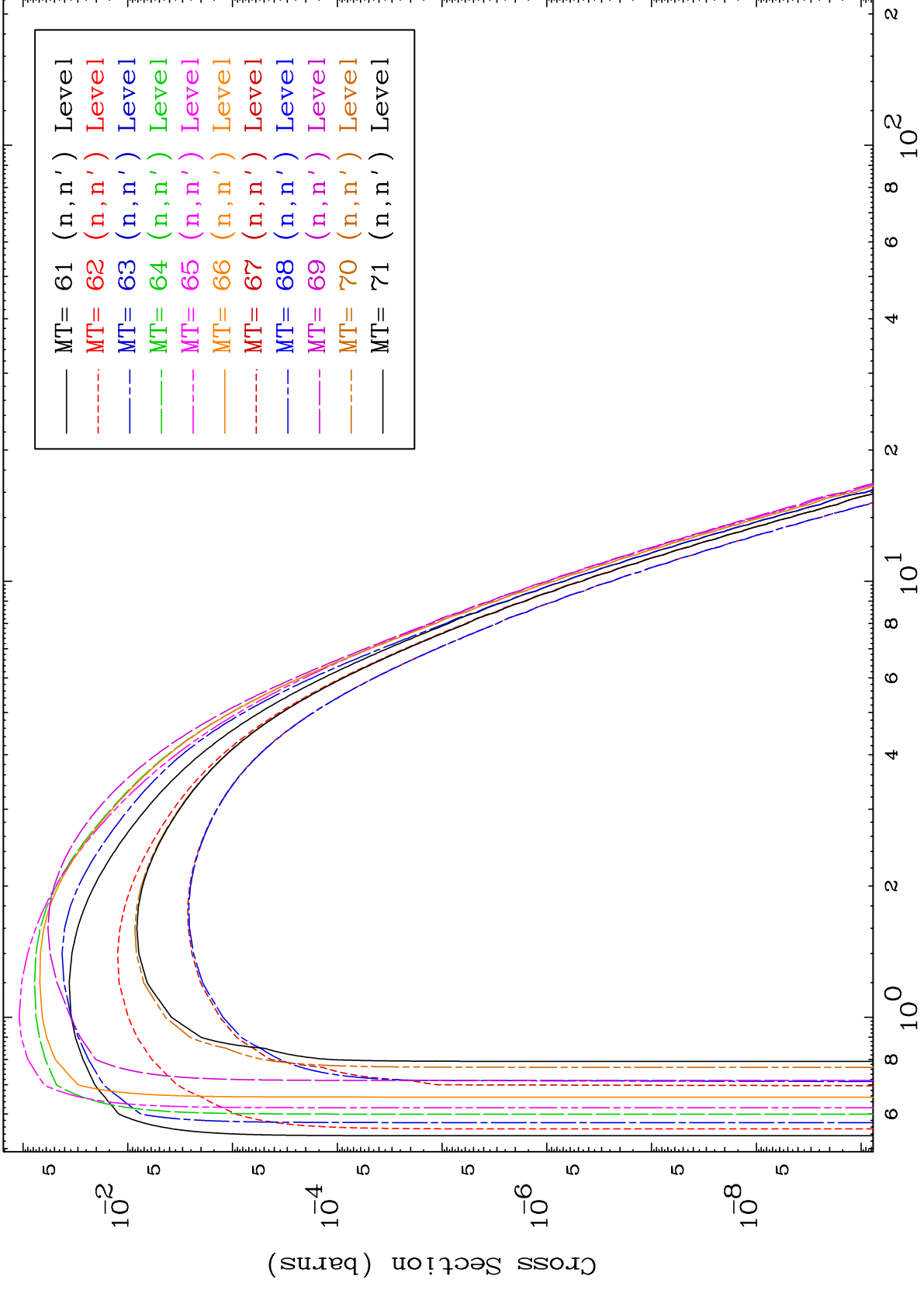


MAT 5629

(n,n') Level

56-Ba-131

293 Kelvin Cross Sections



8

Incident Energy (MeV)

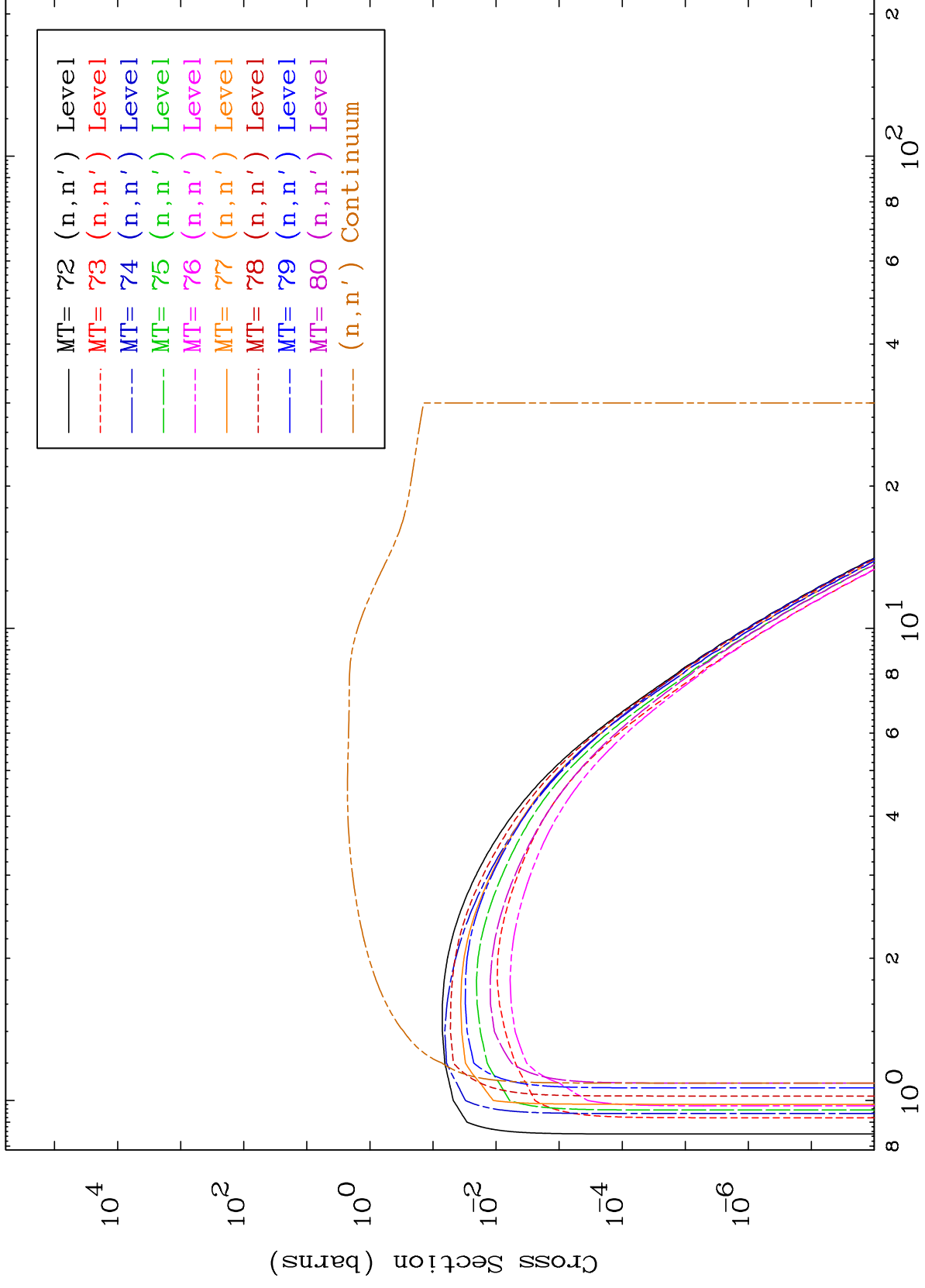
56-Ba-131

MAT 5629

(n,n') Level

56-Ba-131

293 Kelvin Cross Sections



9

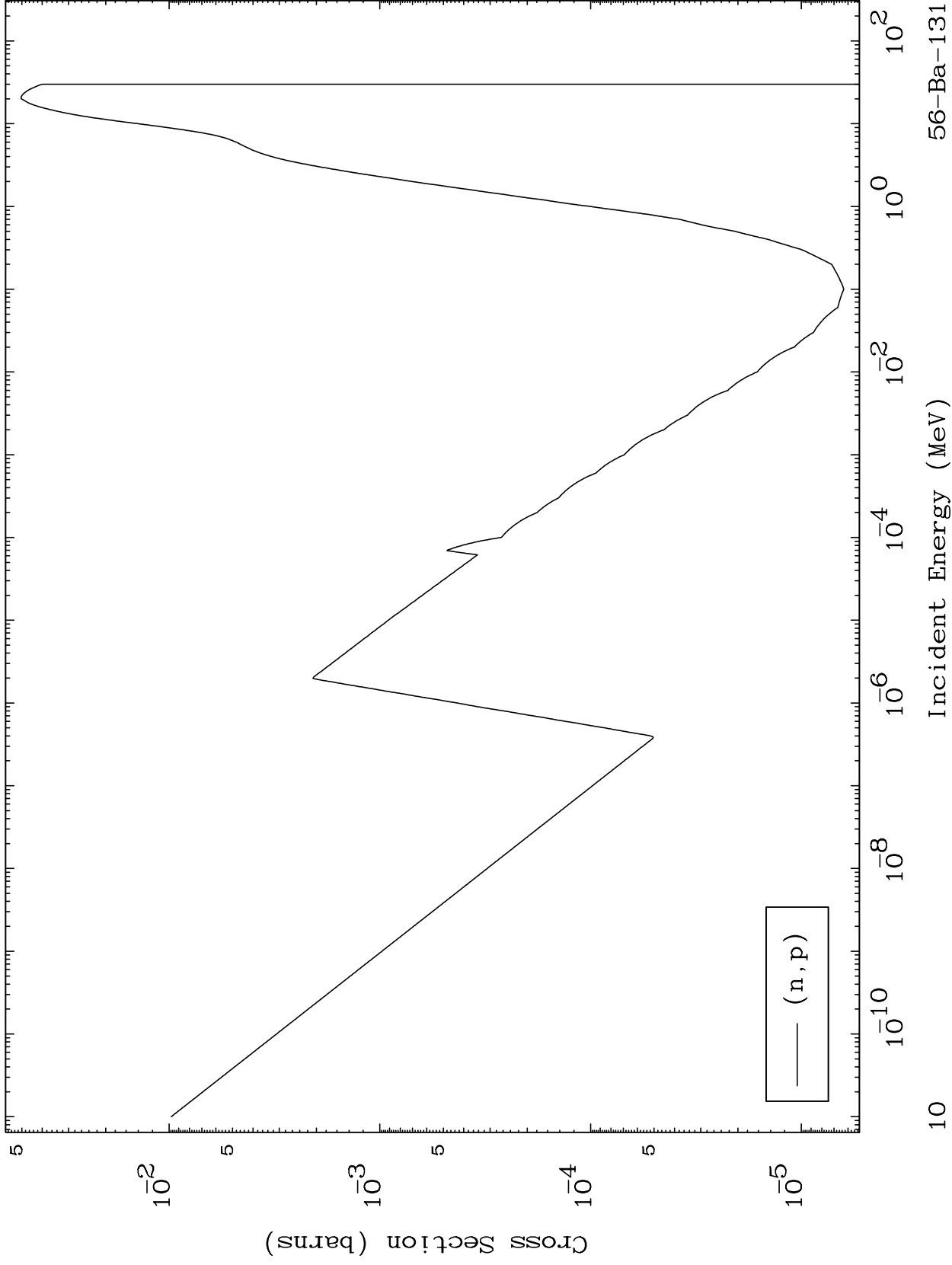
Incident Energy (MeV)

56-Ba-131

MAT 5629

(n,p) Levels
293 Kelvin Cross Sections

56-Ba-131



10

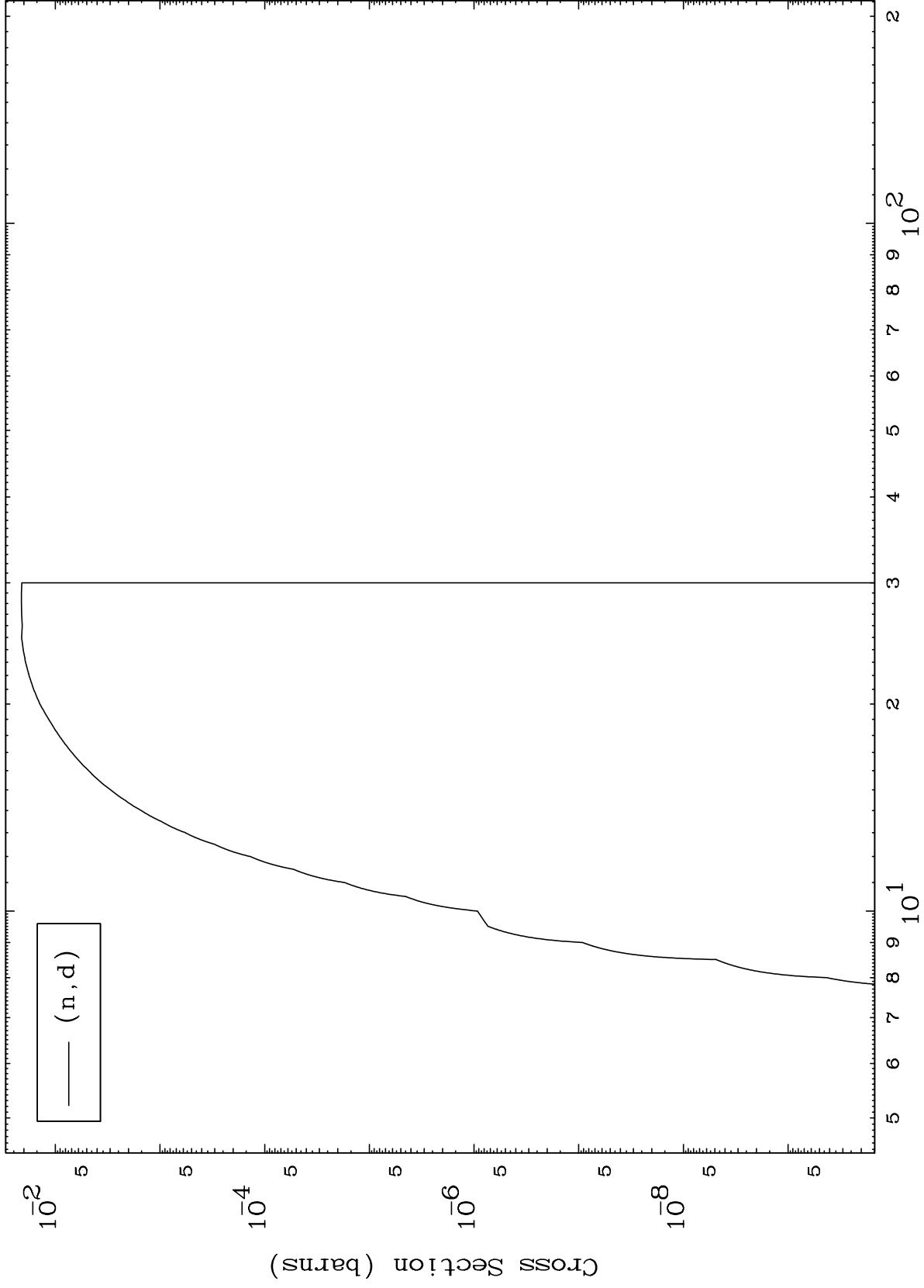
Incident Energy (MeV)

56-Ba-131

MAT 5629

(n,d) Levels
293 Kelvin Cross Sections

56-Ba-131



11

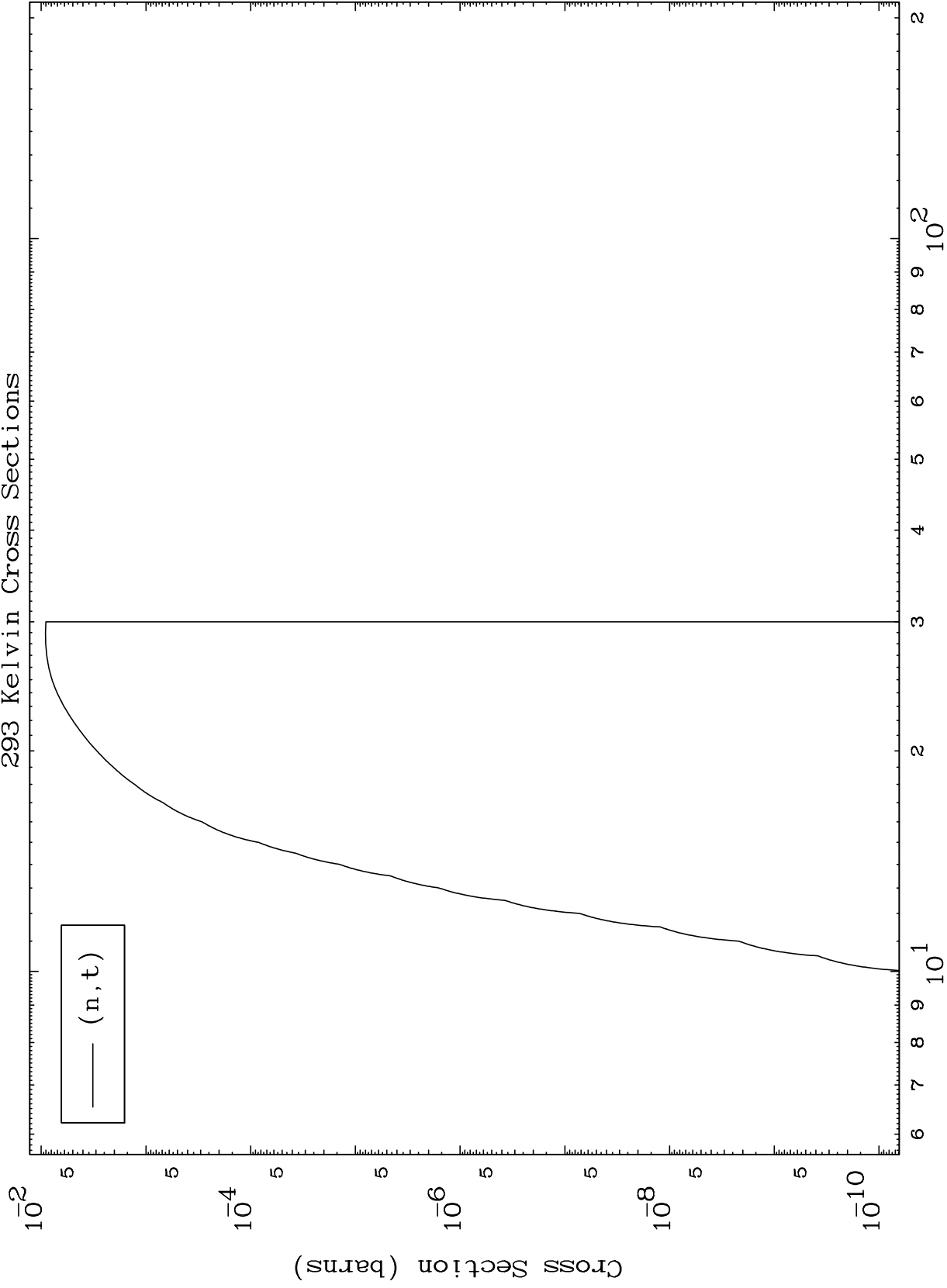
Incident Energy (MeV)

56-Ba-131

MAT 5629

(n, t) Levels
293 Kelvin Cross Sections

56-Ba-131



12

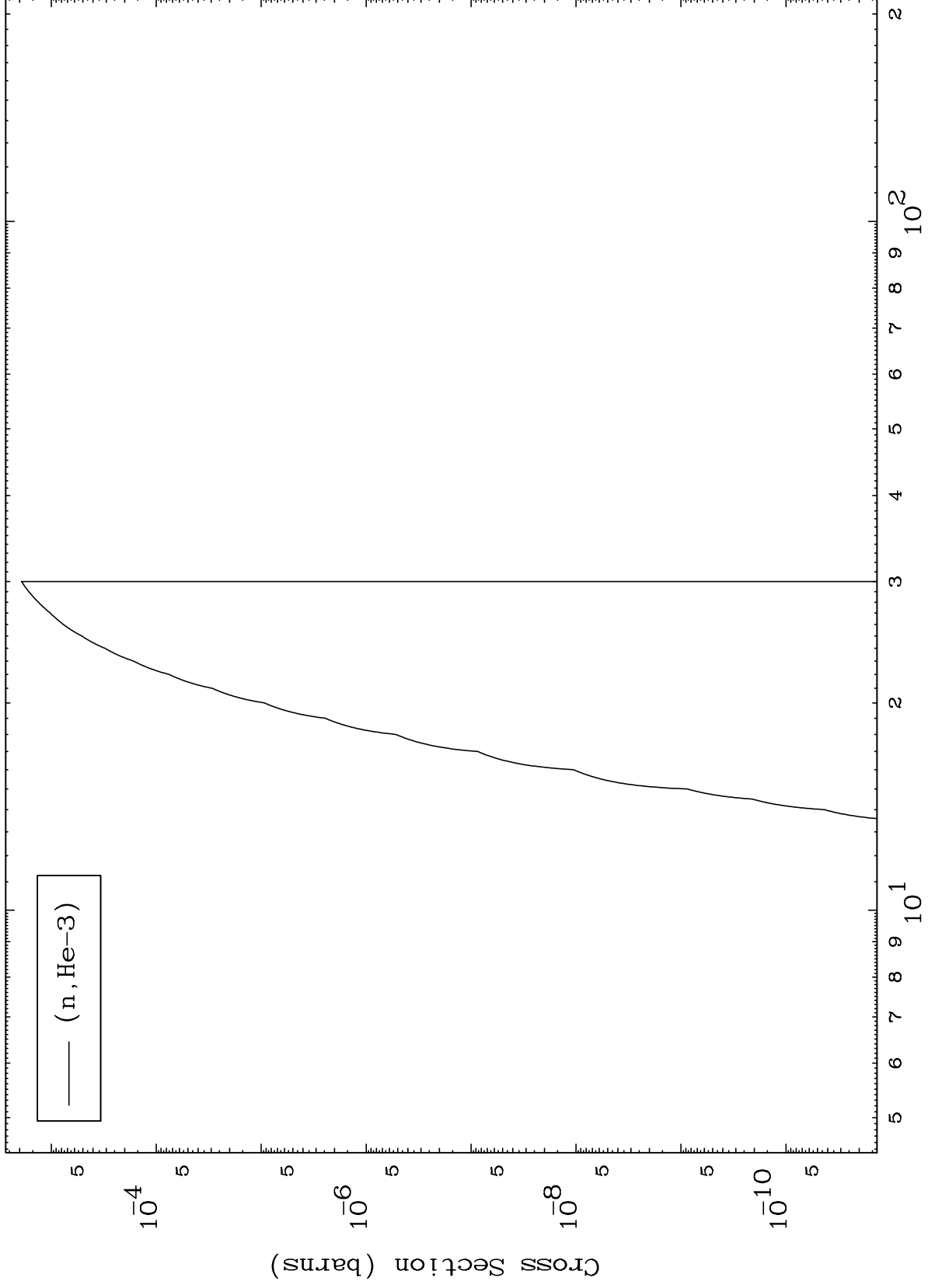
Incident Energy (MeV)

56-Ba-131

MAT 5629

(n,He3) Levels
293 Kelvin Cross Sections

56-Ba-131



13

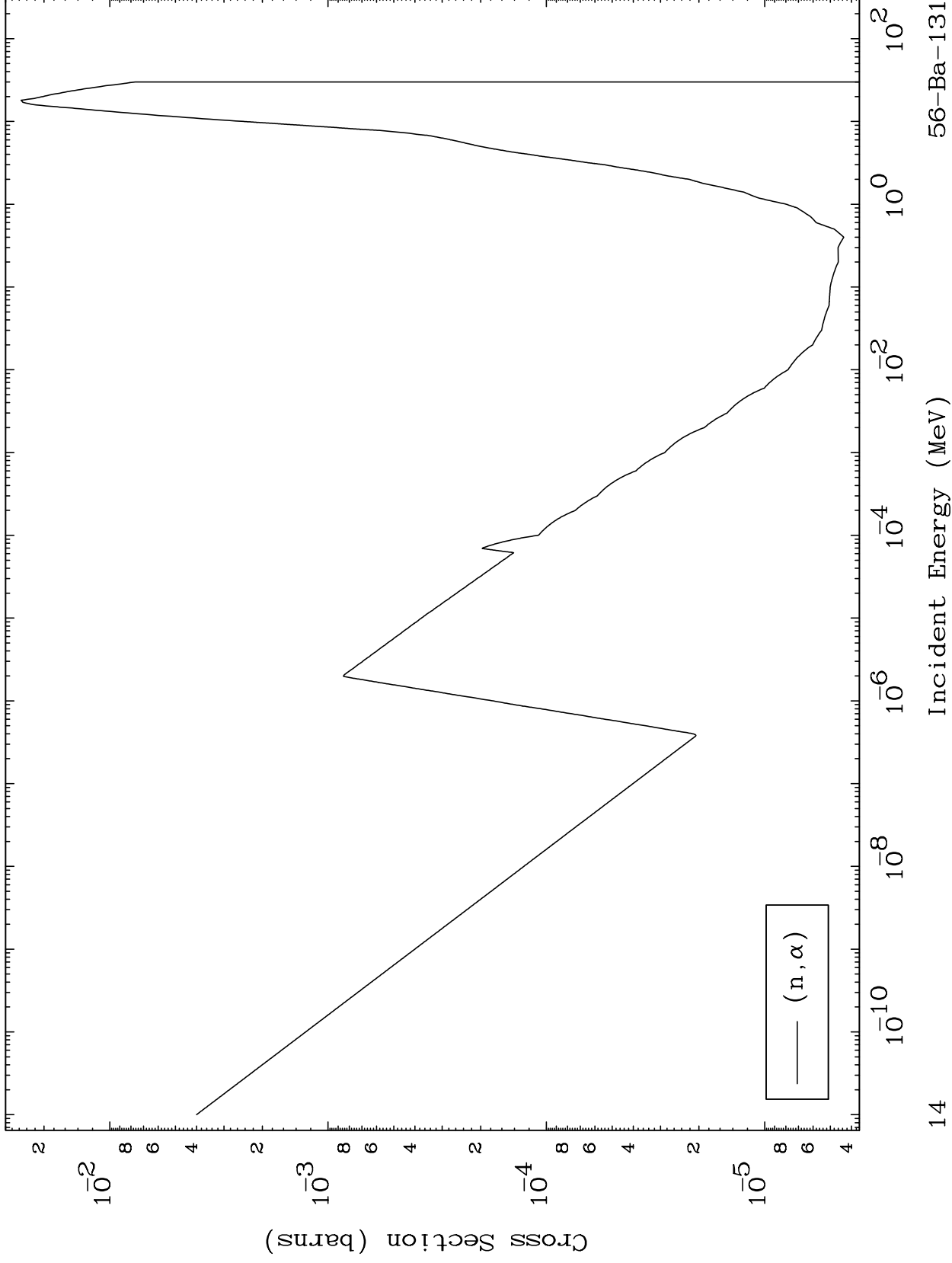
Incident Energy (MeV)

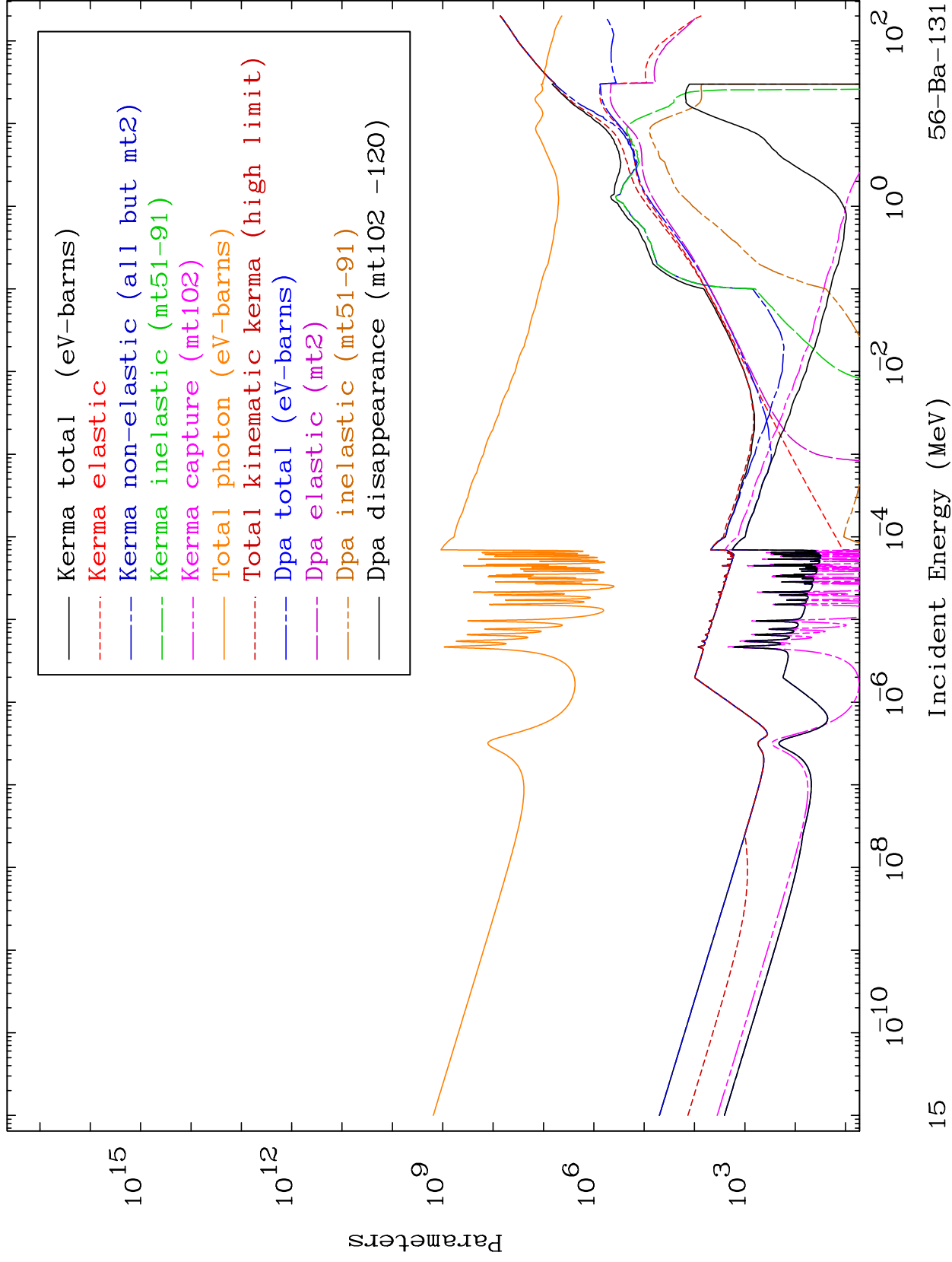
56-Ba-131

MAT 5629

(n, α) Levels
293 Kelvin Cross Sections

56-Ba-131

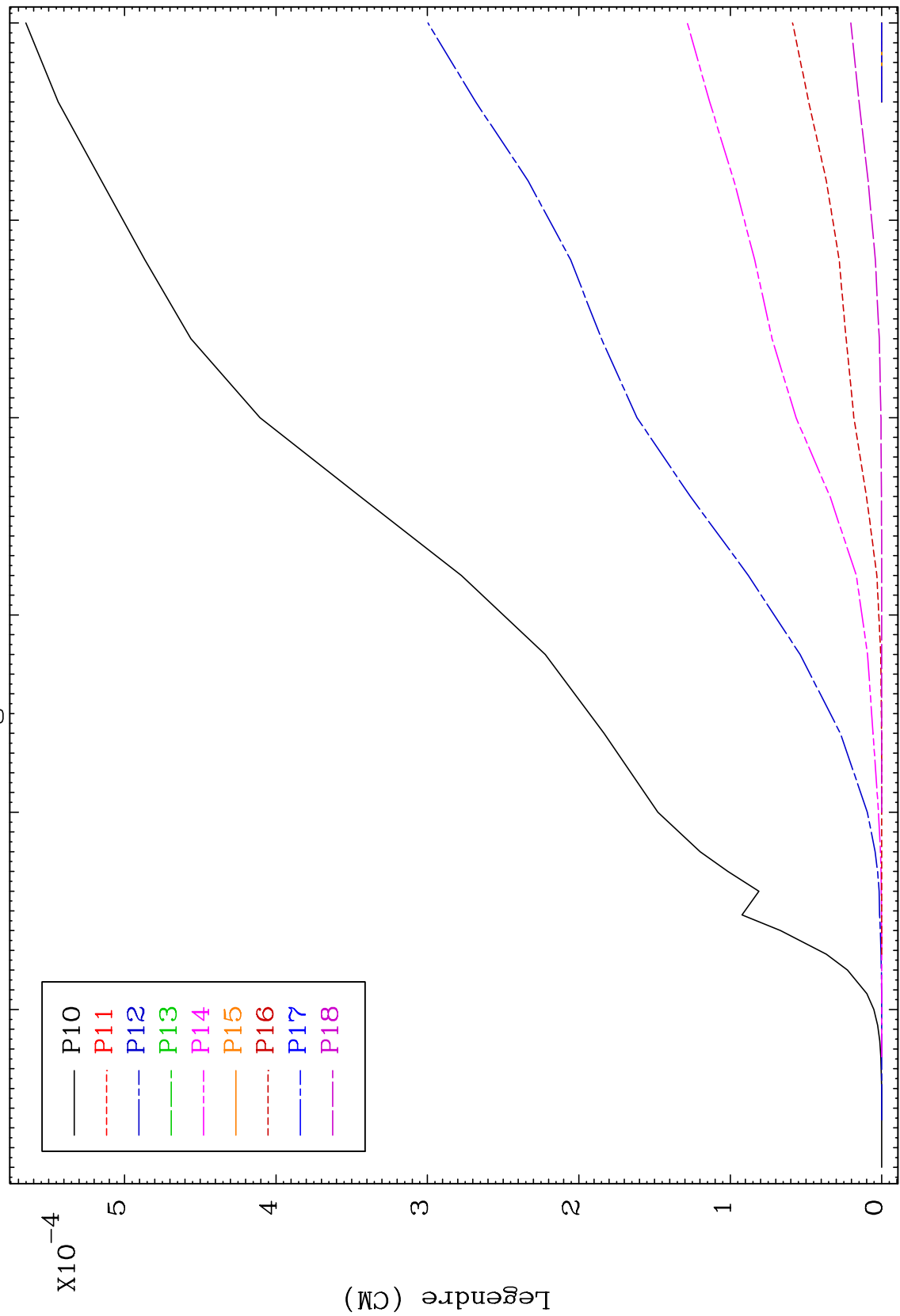




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Elastic Legendre Coefficients

56-Ba-131



17

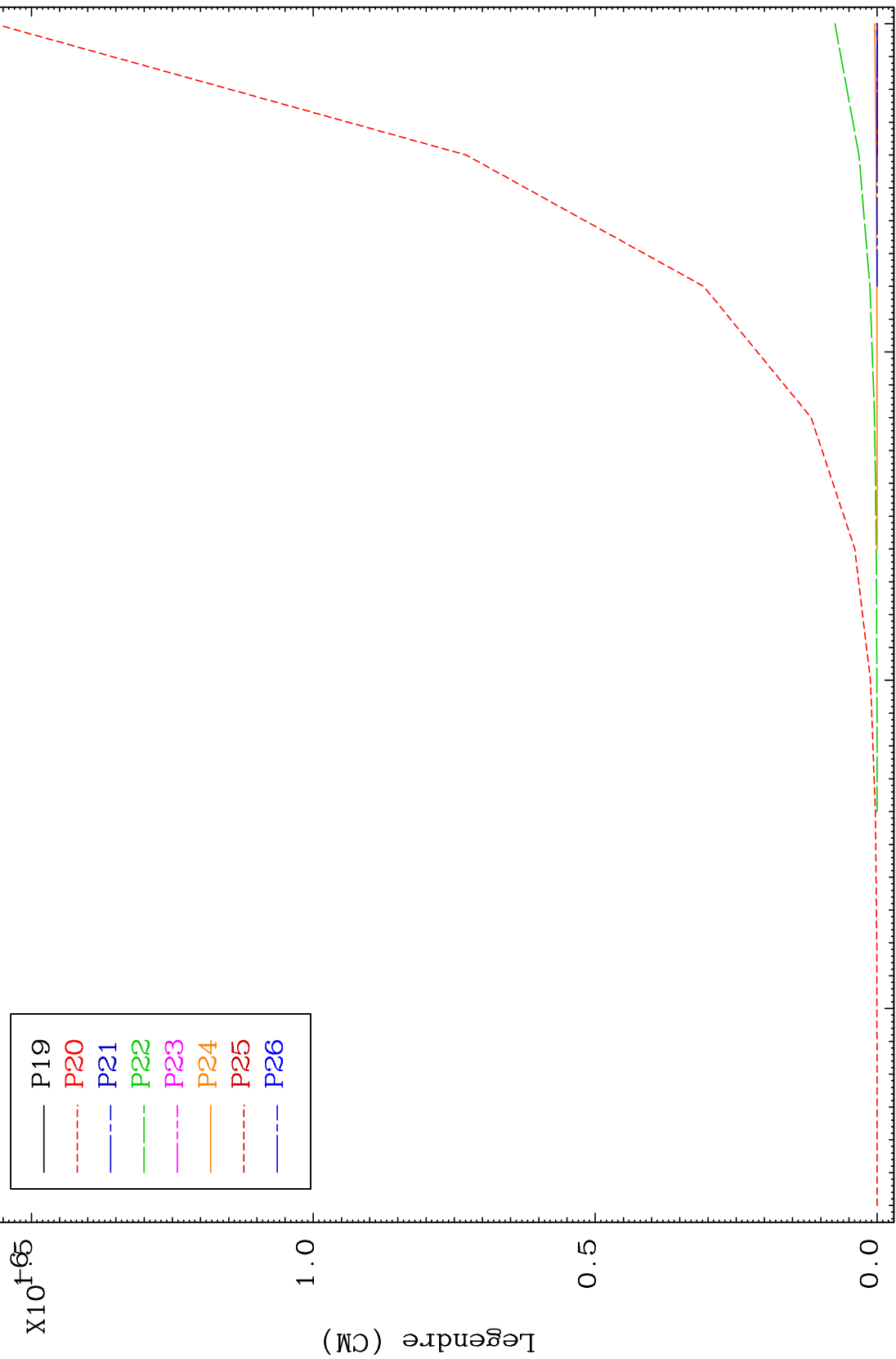
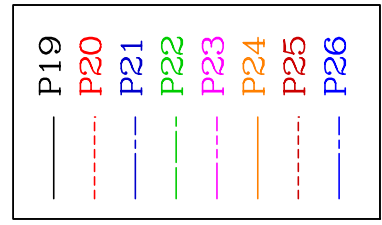
56-Ba-131

Incident Energy (MeV)

MAT 5629

Elastic
Legendre Coefficients

56-Ba-131



18

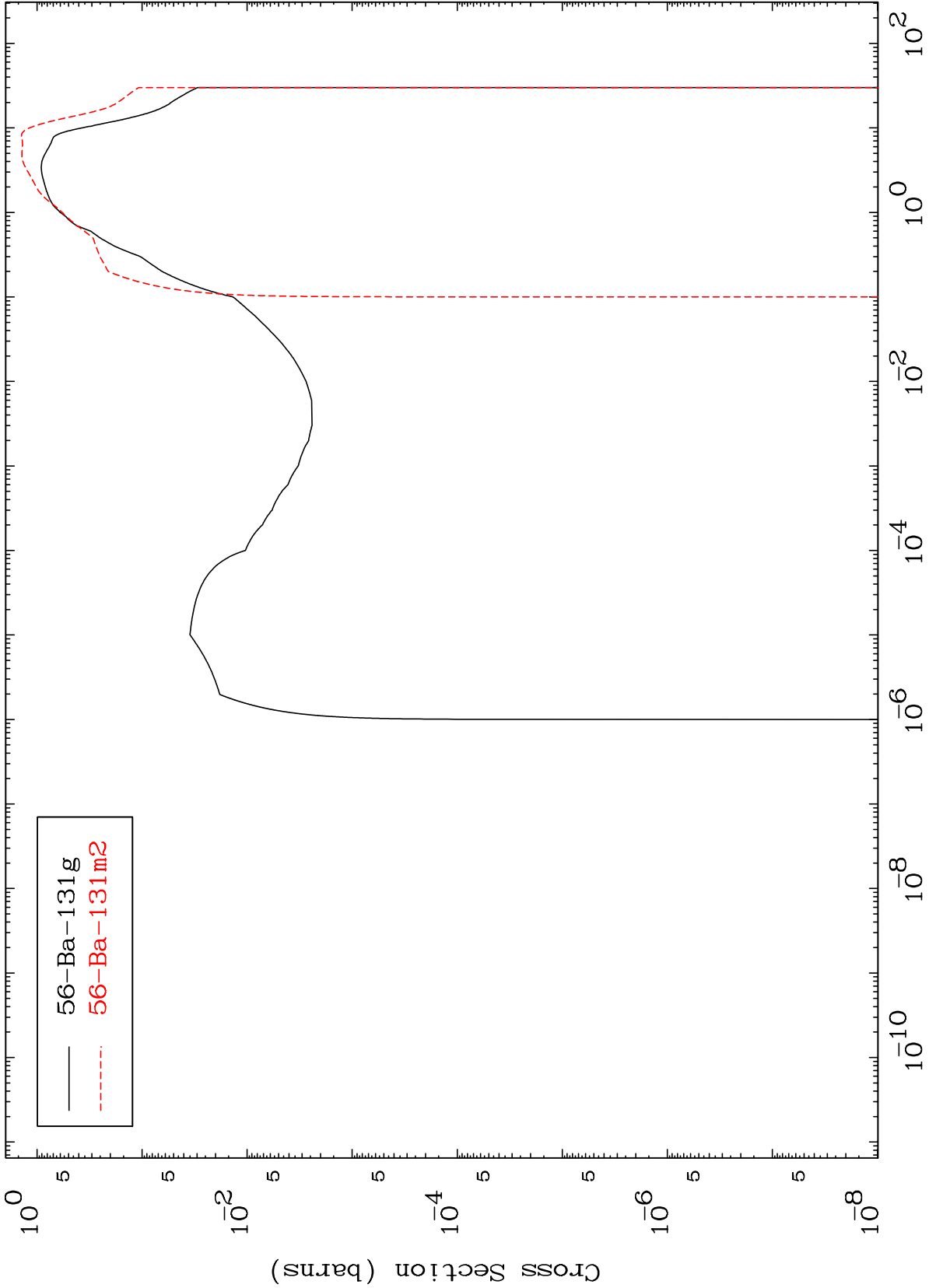
Incident Energy (MeV)

56-Ba-131

MAT 5629

56-Ba-131

Inelastic
Radionuclide Production Cross Section



56-Ba-131 g
56-Ba-131 m2

56-Ba-131

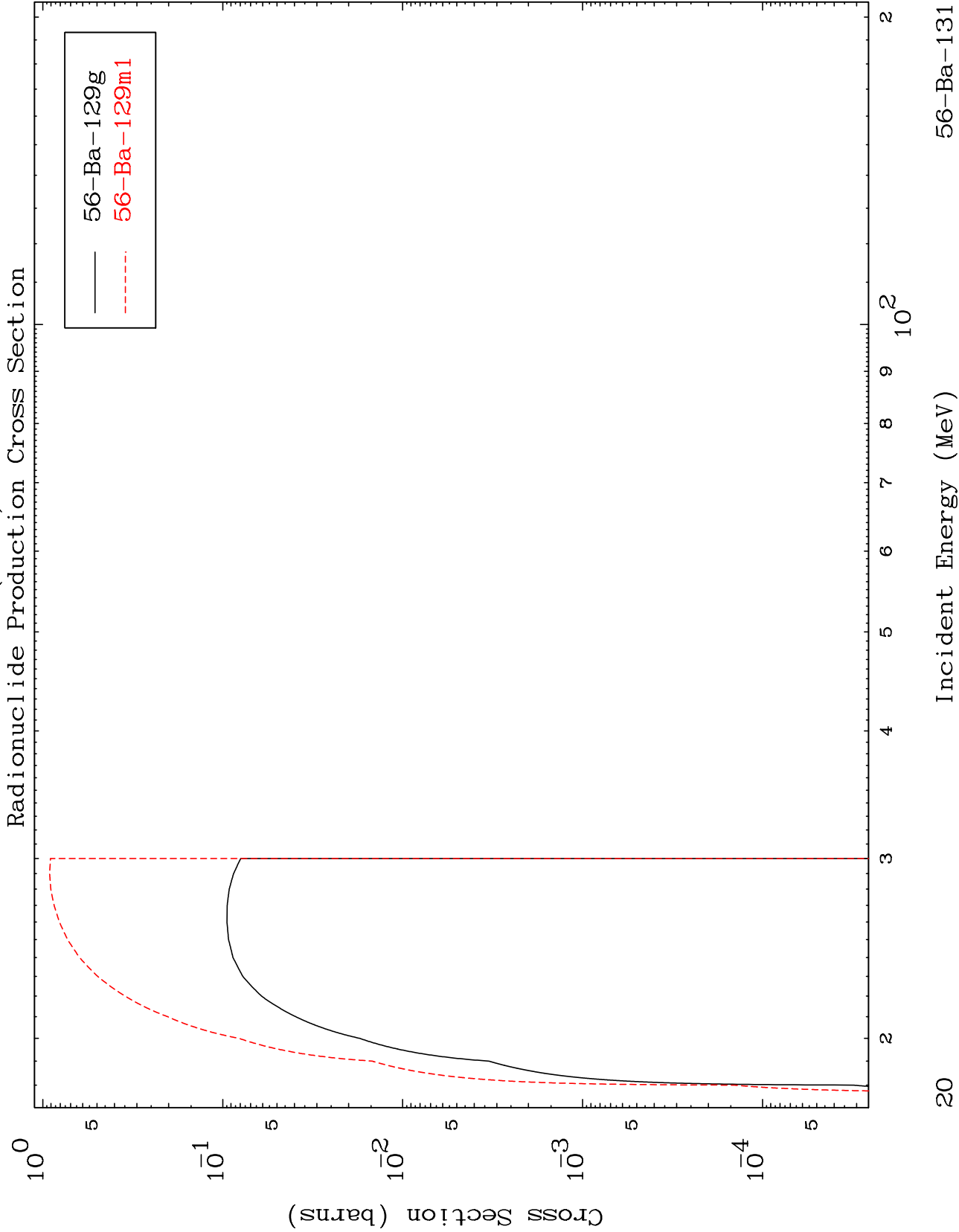
Incident Energy (MeV)

19

MAT 5629

(n,3n)

56-Ba-131



20

Incident Energy (MeV)

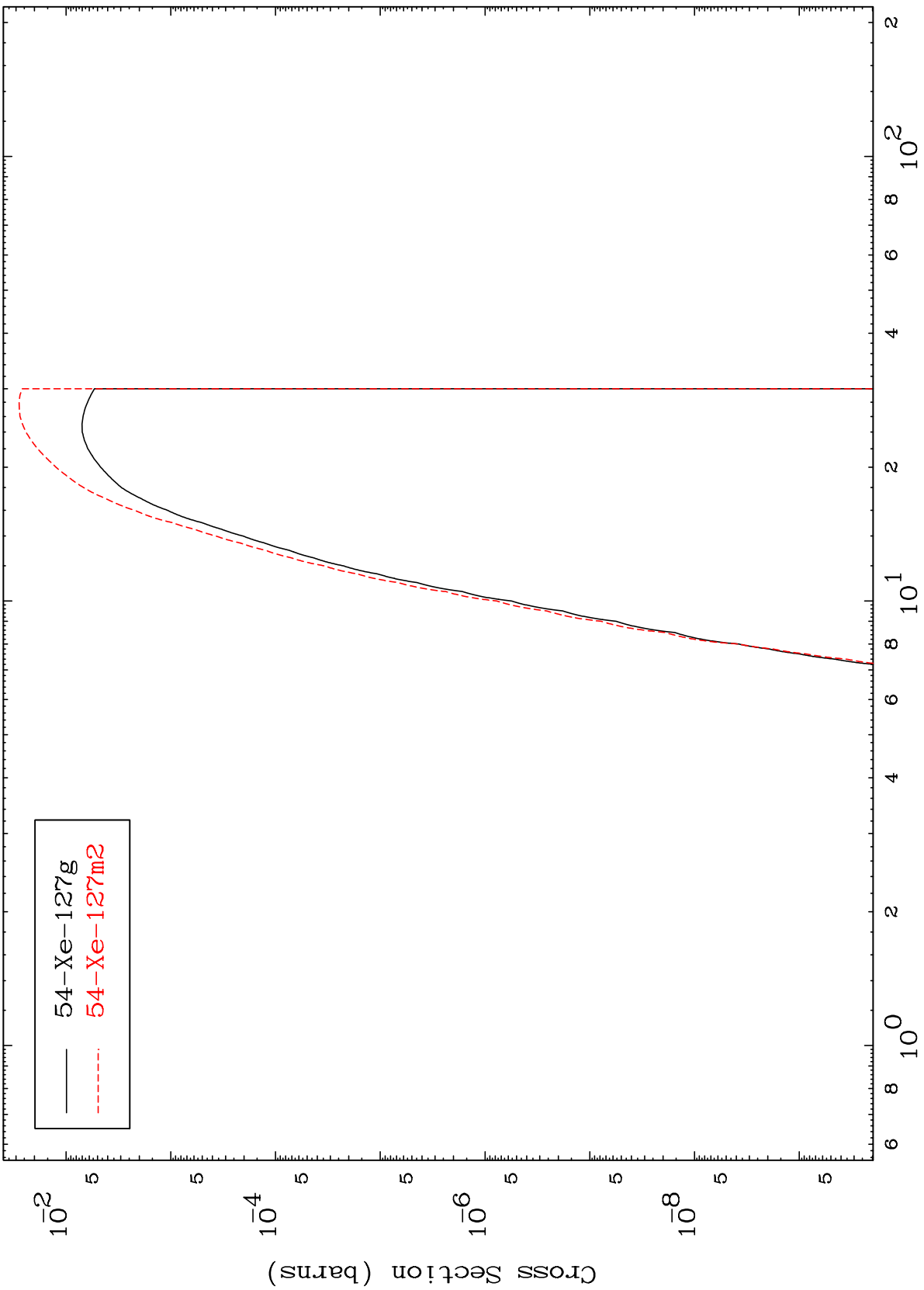
56-Ba-131

MAT 5629

(n,n') α

56-Ba-131

Radionuclide Production Cross Section



21

Incident Energy (MeV)

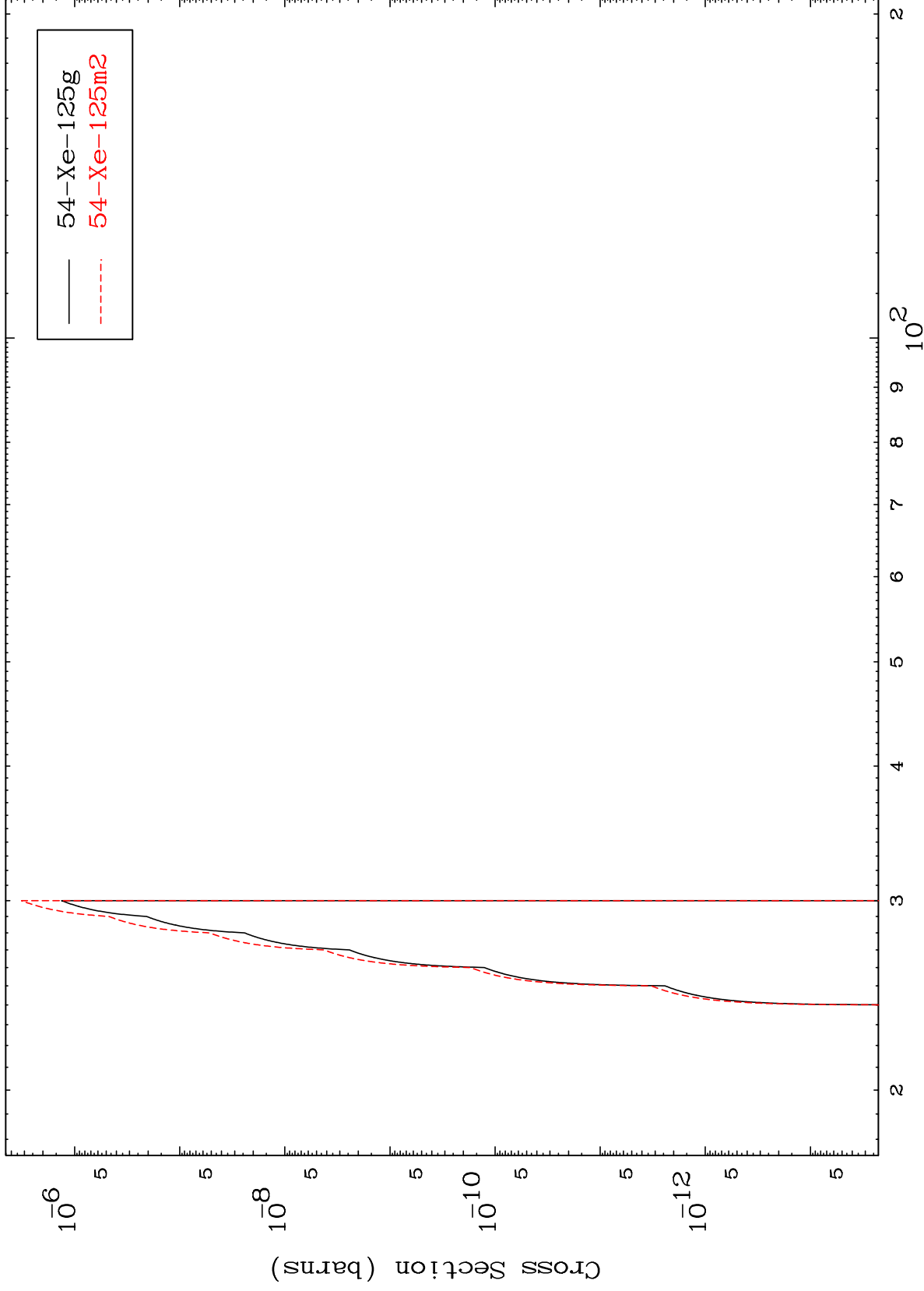
56-Ba-131

MAT 5629

(n,3n) α

56-Ba-131

Radionuclide Production Cross Section



22

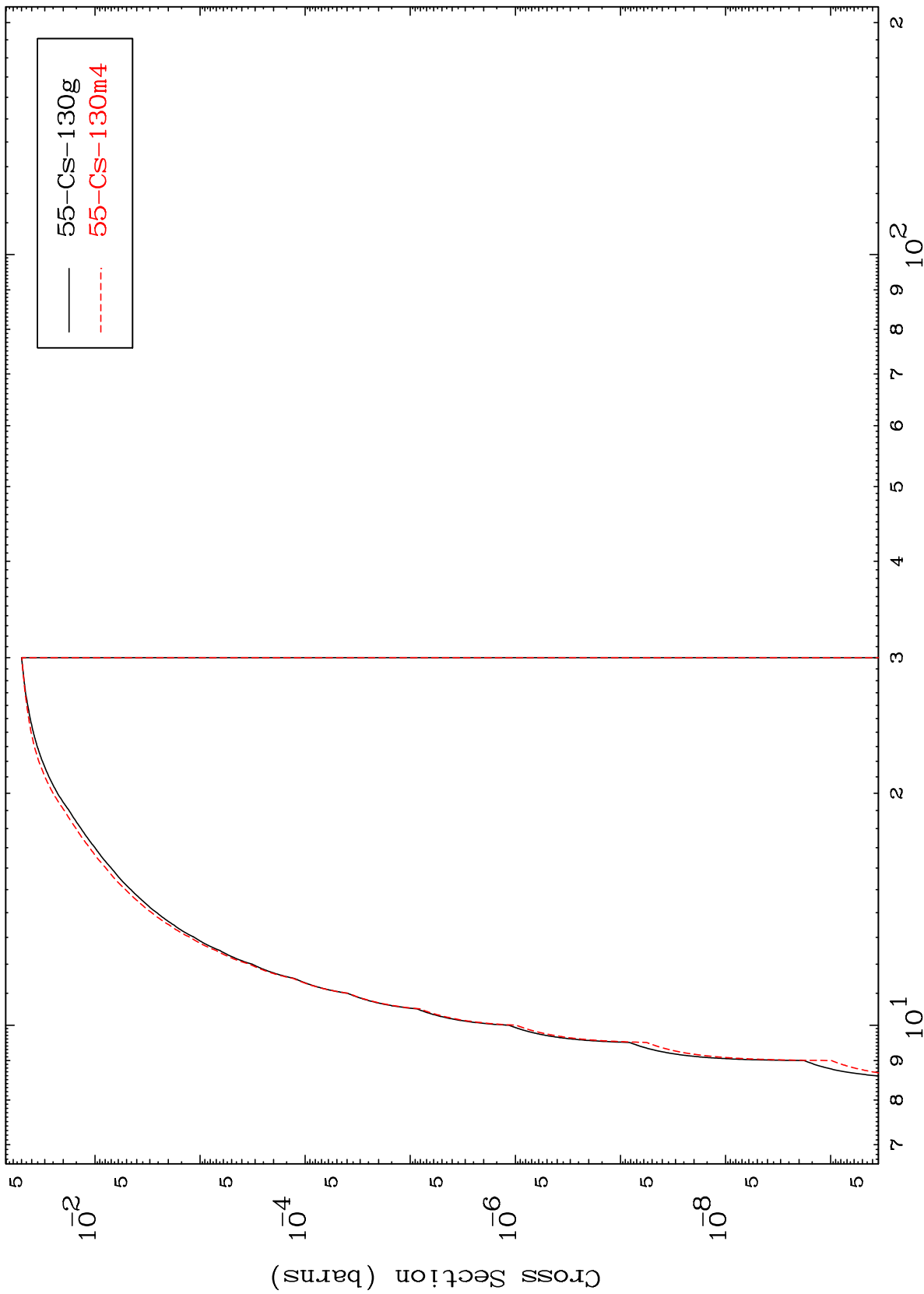
Incident Energy (MeV)

56-Ba-131

MAT 5629

56-Ba-131

(n,n') p
Radionuclide Production Cross Section



23

Incident Energy (MeV)

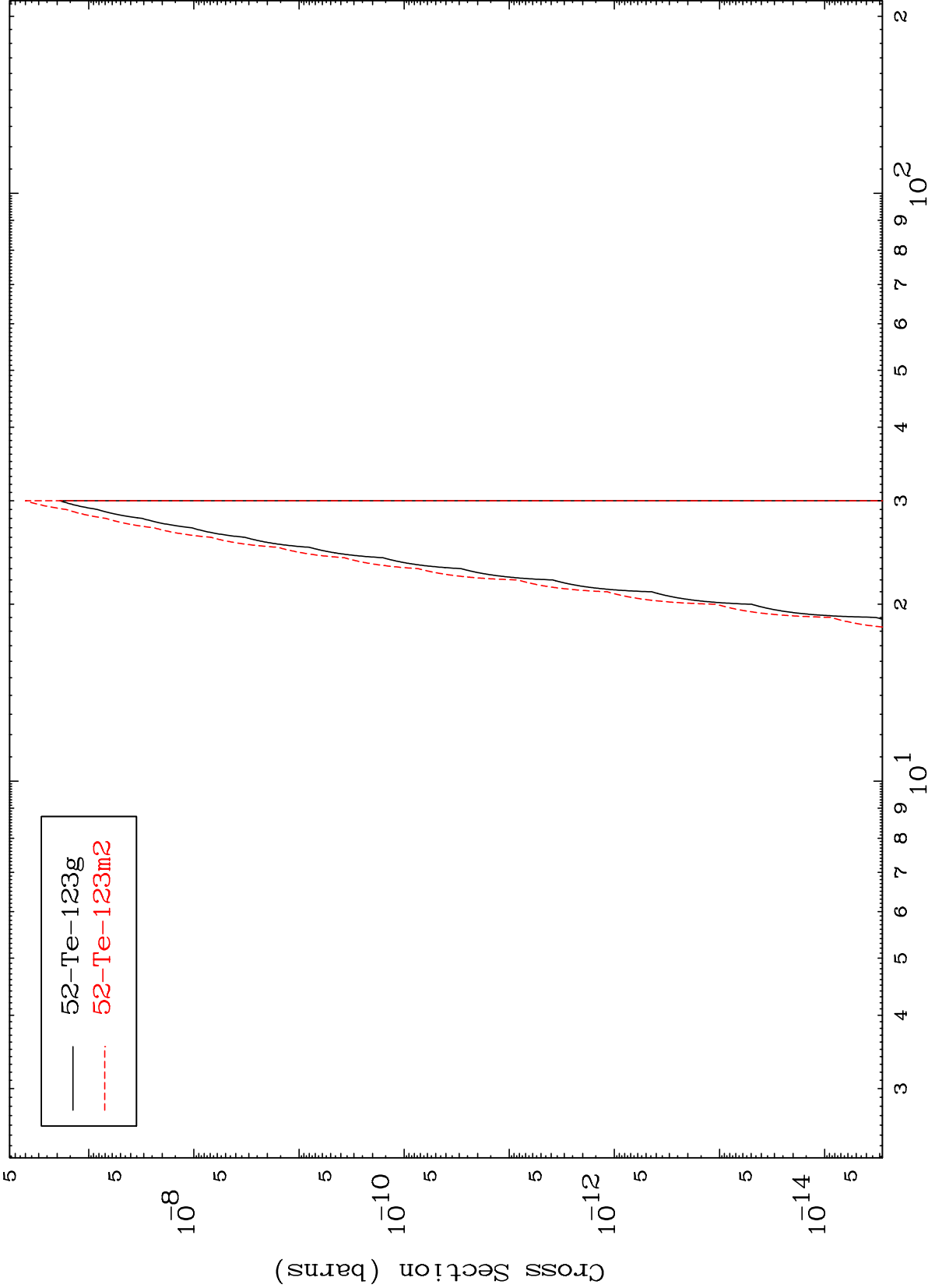
56-Ba-131

MAT 5629

(n,n') 2α

56-Ba-131

Radionuclide Production Cross Section



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

24

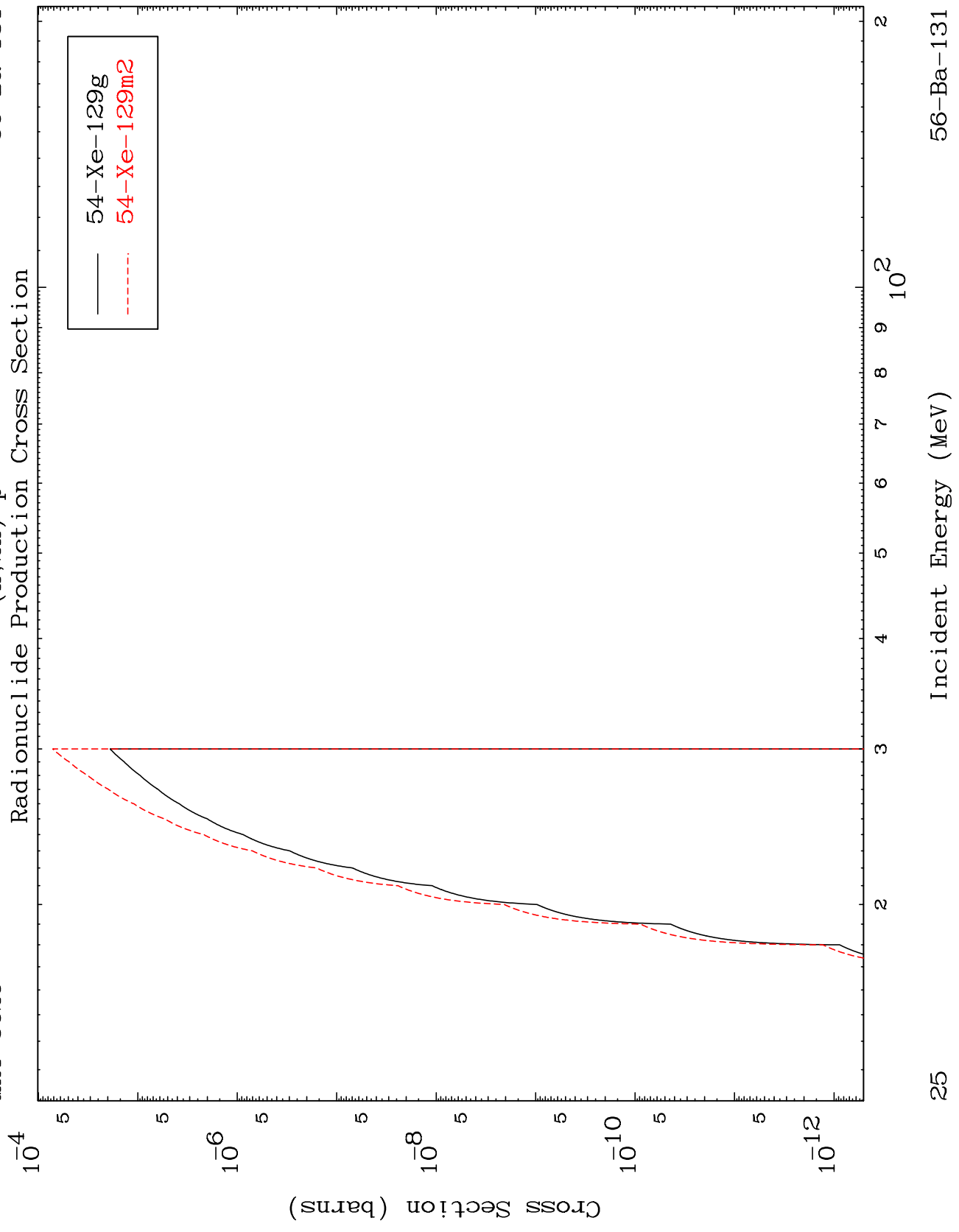
Incident Energy (MeV)

56-Ba-131

MAT 5629

(n,2n) p

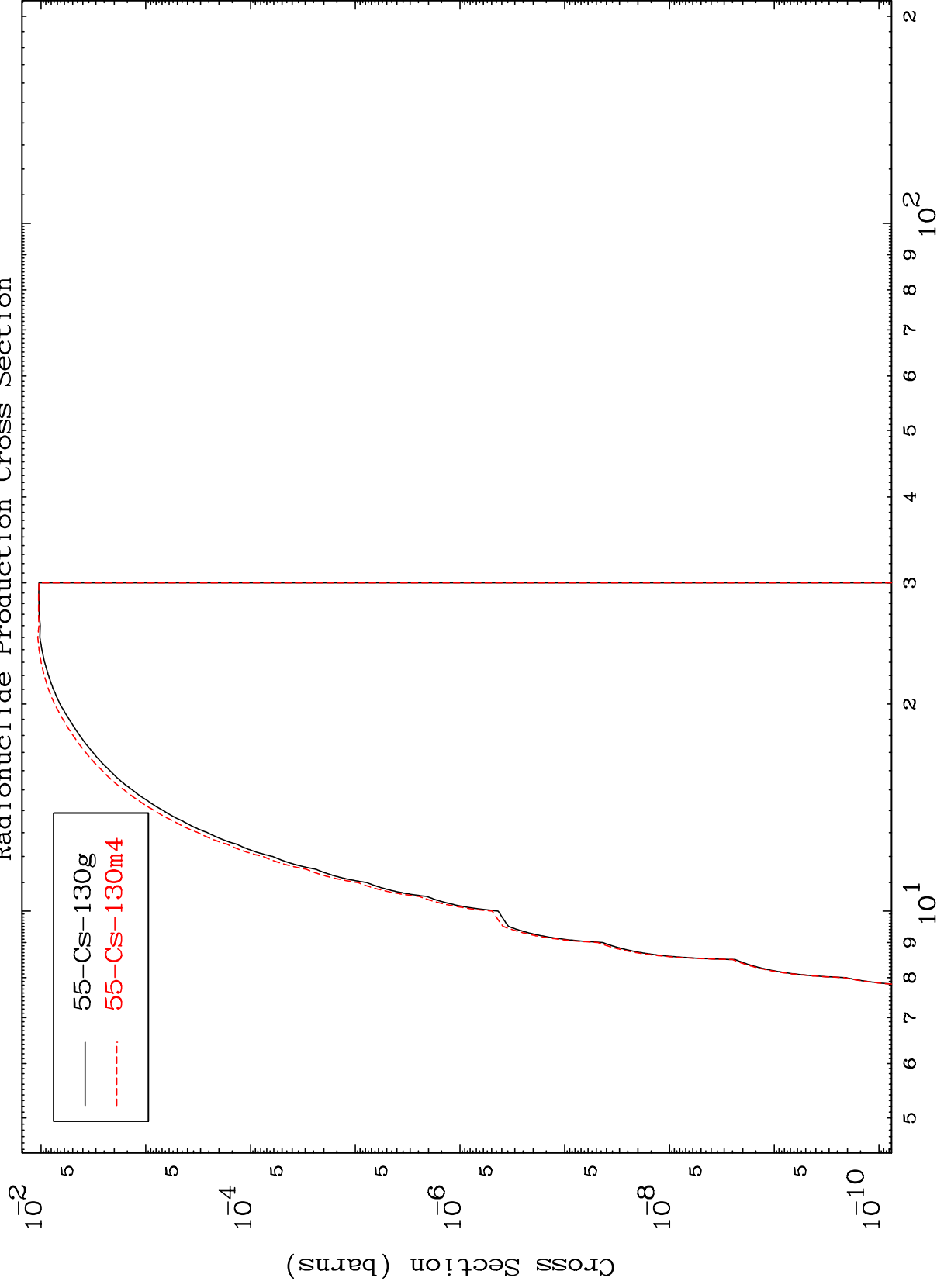
56-Ba-131



MAT 5629

56-Ba-131

(n,d)
Radionuclide Production Cross Section



26

Incident Energy (MeV)

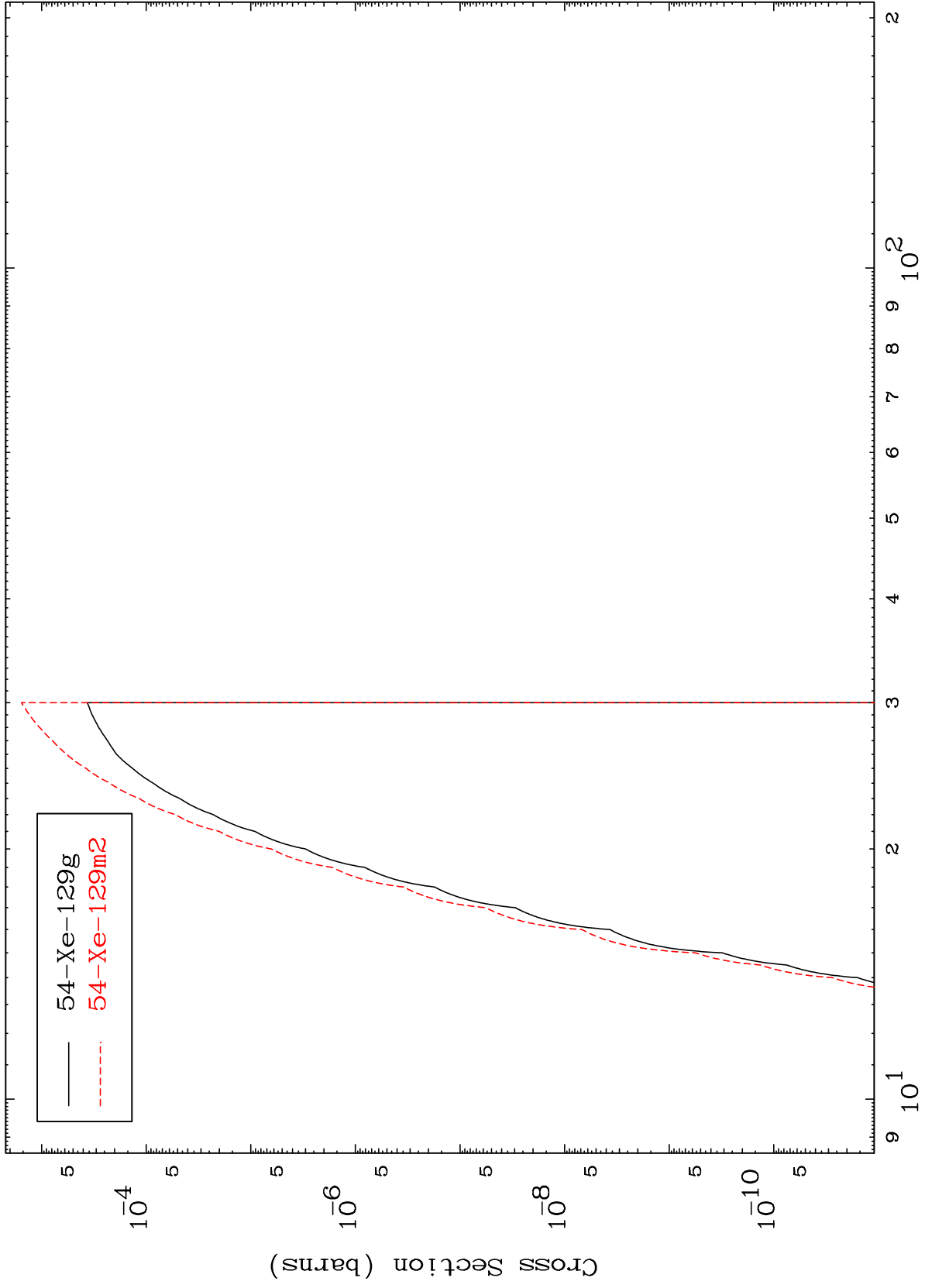
56-Ba-131

MAT 5629

(n,He-3)

56-Ba-131

Radionuclide Production Cross Section



27

Incident Energy (MeV)

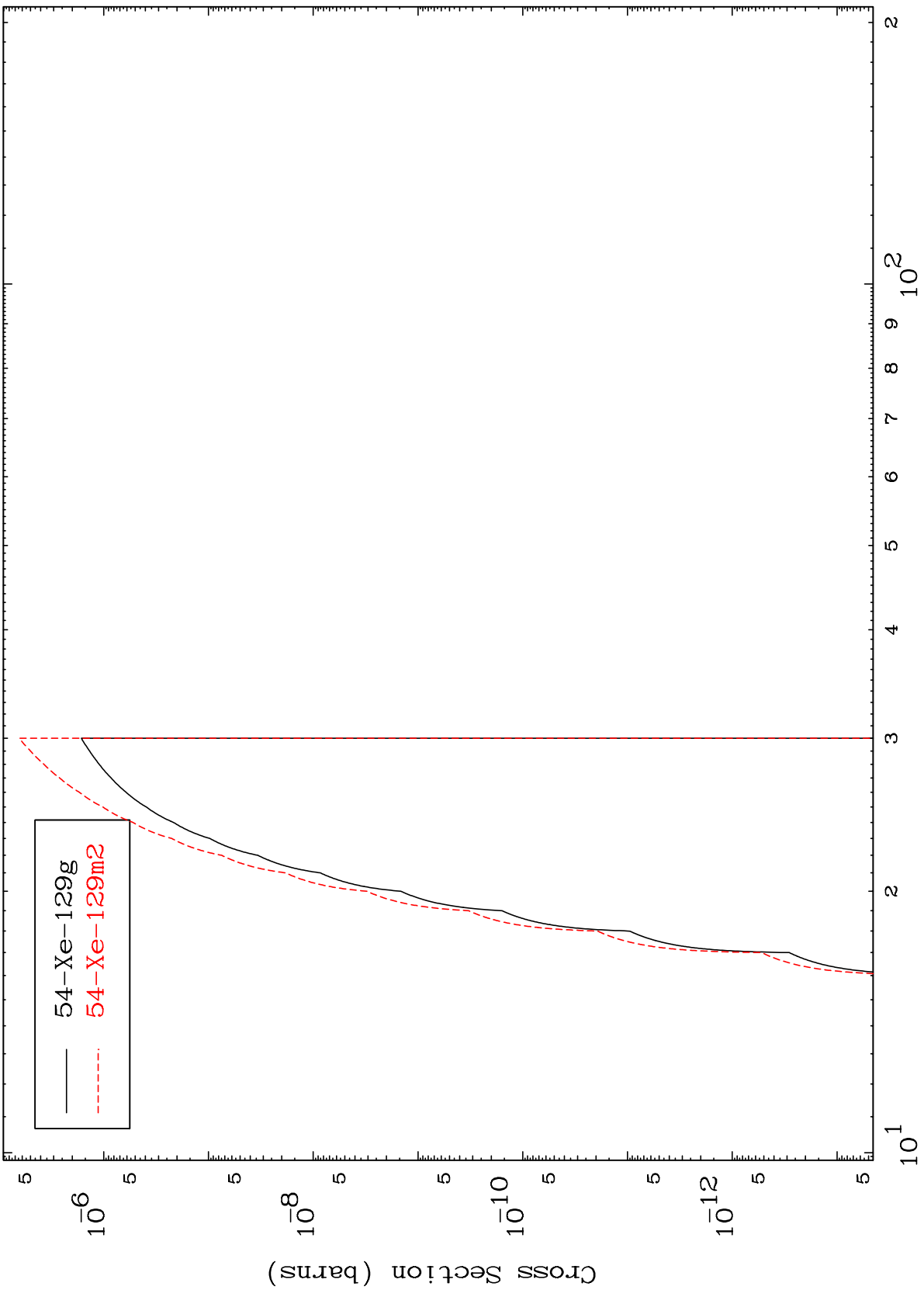
56-Ba-131

MAT 5629

(n,p) d

56-Ba-131

Radionuclide Production Cross Section



28

Incident Energy (MeV)

56-Ba-131