

Program EVALPLOT
(Version 2015-2)

by

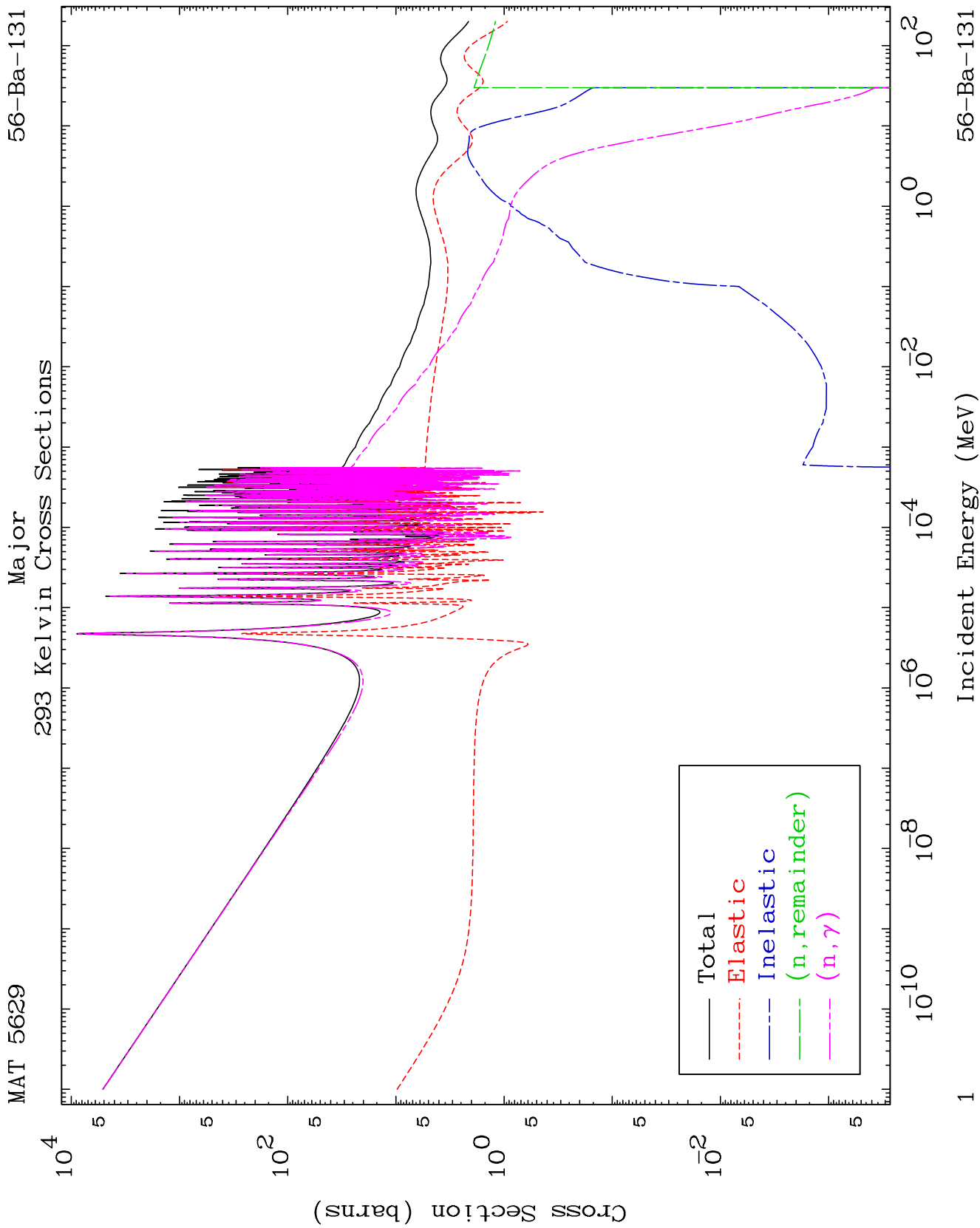
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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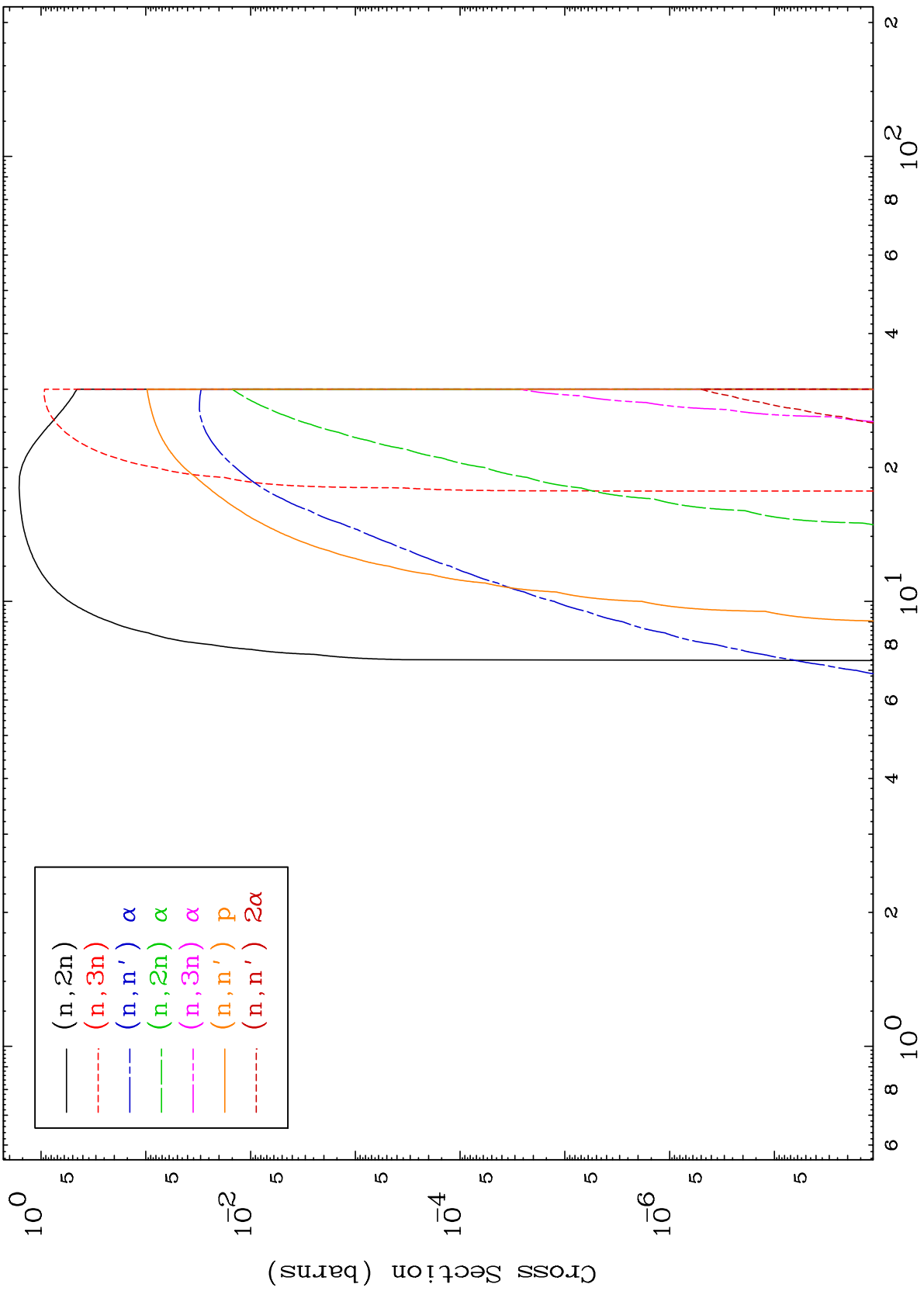
Press Mouse Button to Start



MAT 5629

Neutron Production
293 Kelvin Cross Sections

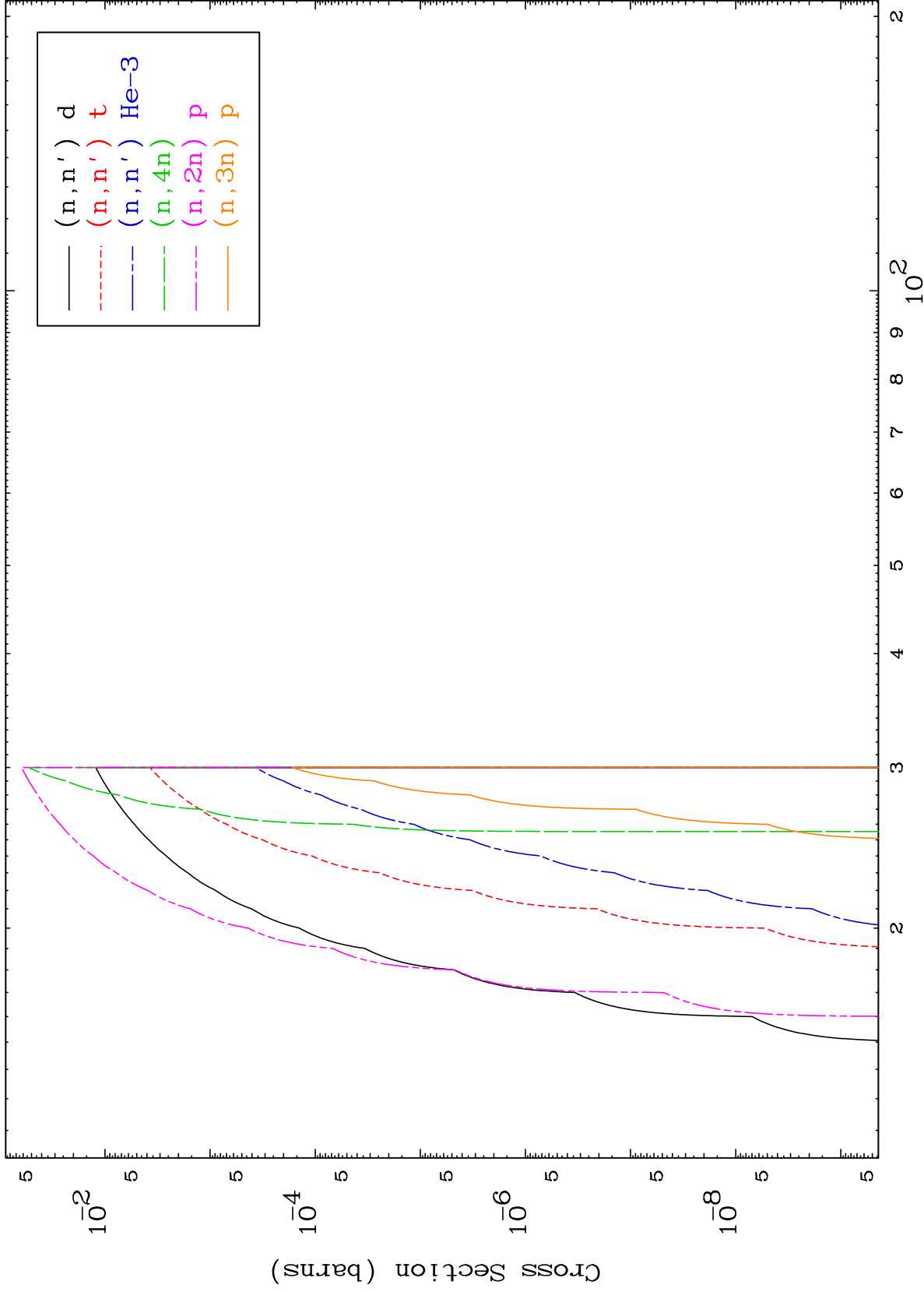
56-Ba-131



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Incident Energy (MeV)

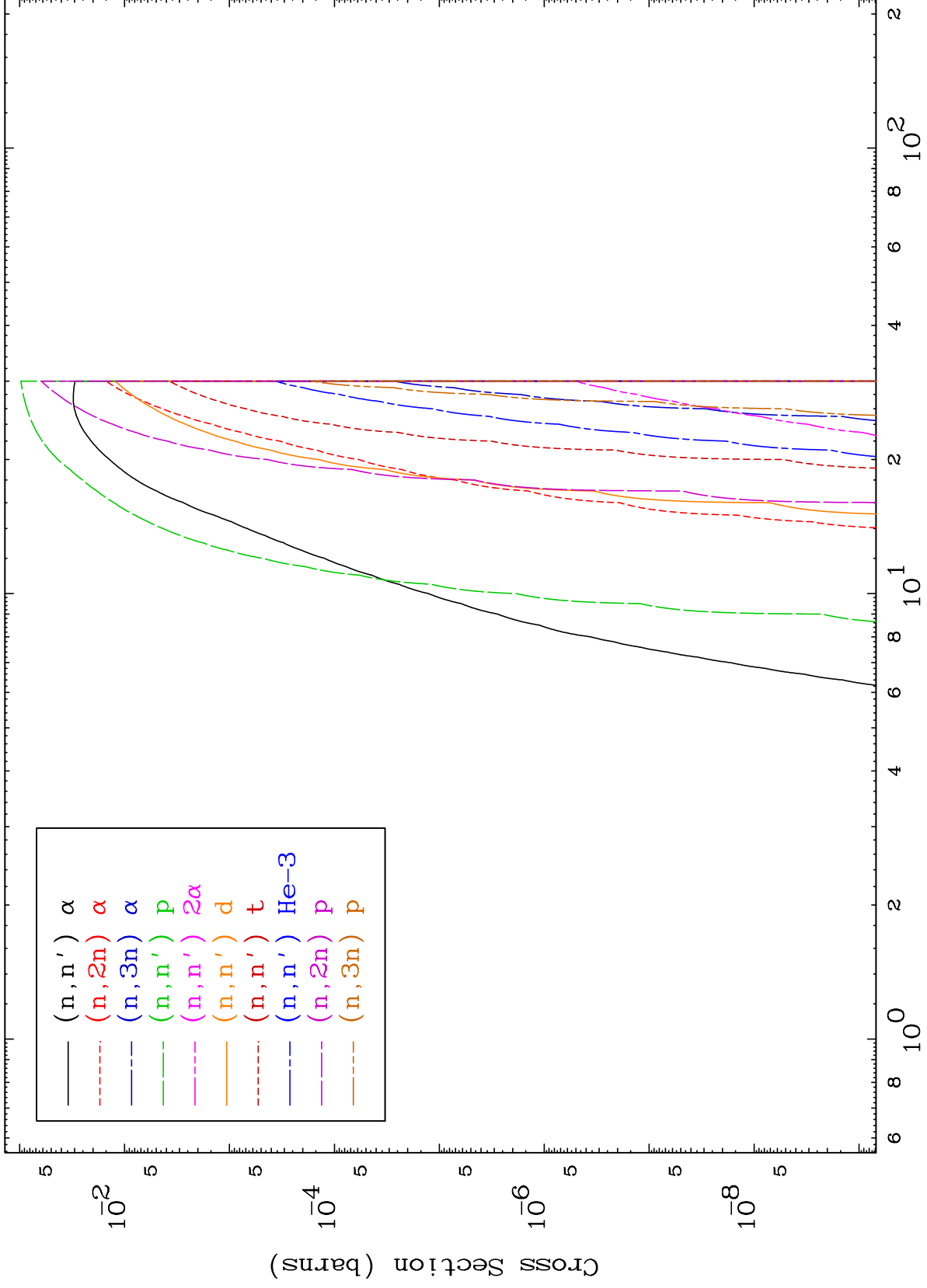
56-Ba-131



MAT 5629

Charged Particle
293 Kelvin Cross Sections

56-Ba-131



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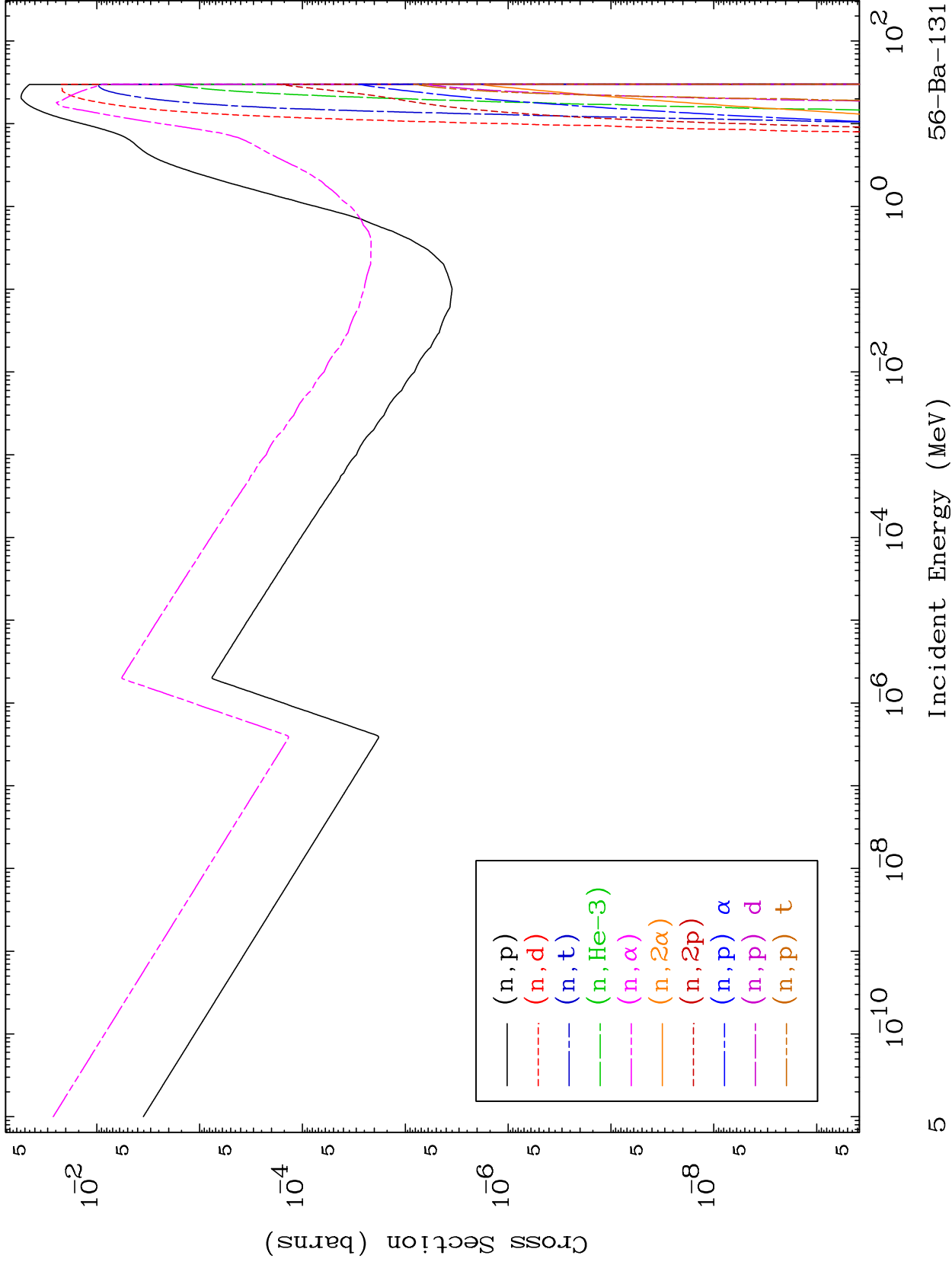
Incident Energy (MeV)

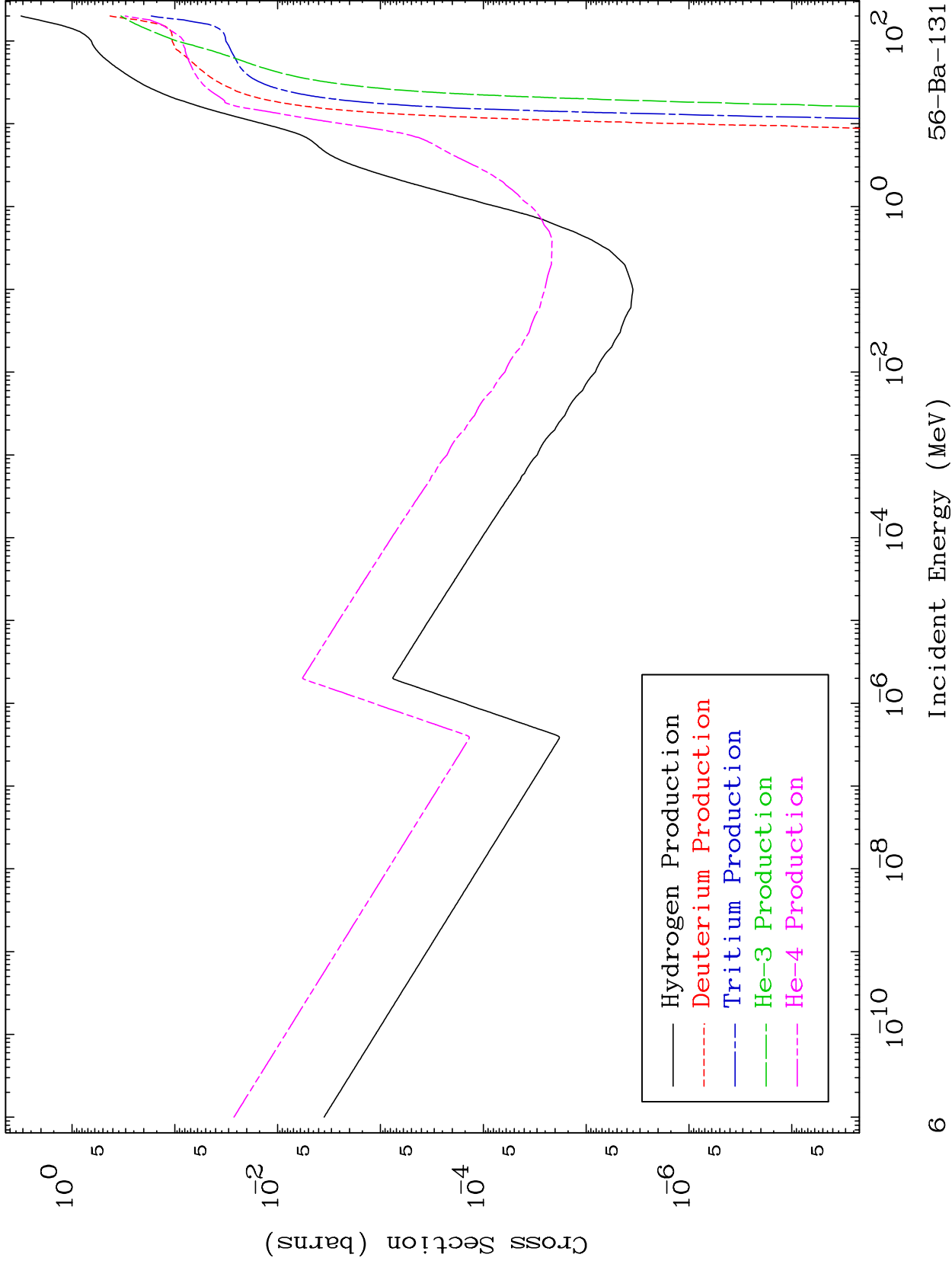
56-Ba-131

MAT 5629

Charged Particle
293 Kelvin Cross Sections

56-Ba-131

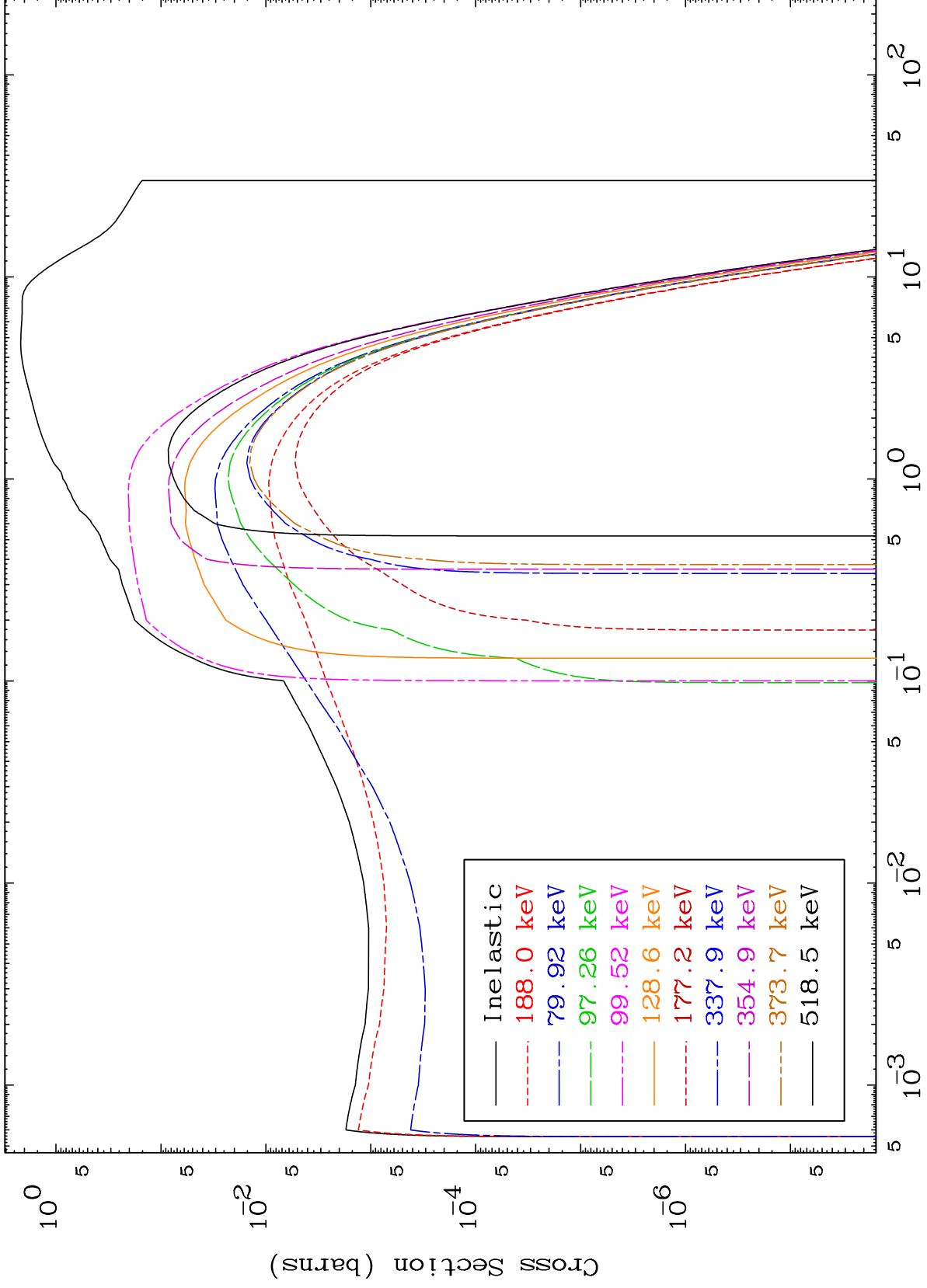




MAT 5629

(n,n') Level
293 Kelvin Cross Sections

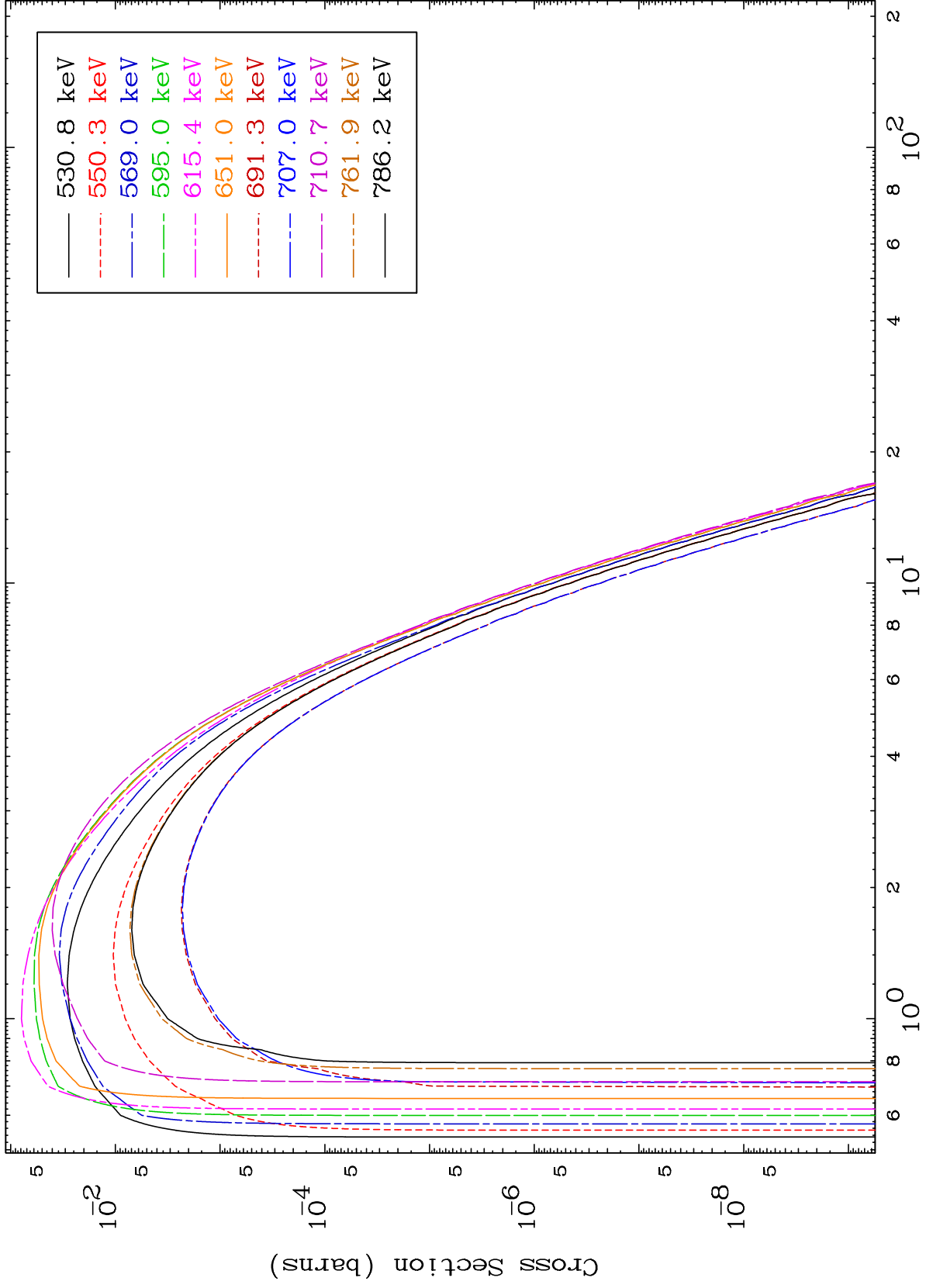
56-Ba-131



MAT 5629

(n,n') Level
293 Kelvin Cross Sections

56-Ba-131



8

Incident Energy (MeV)

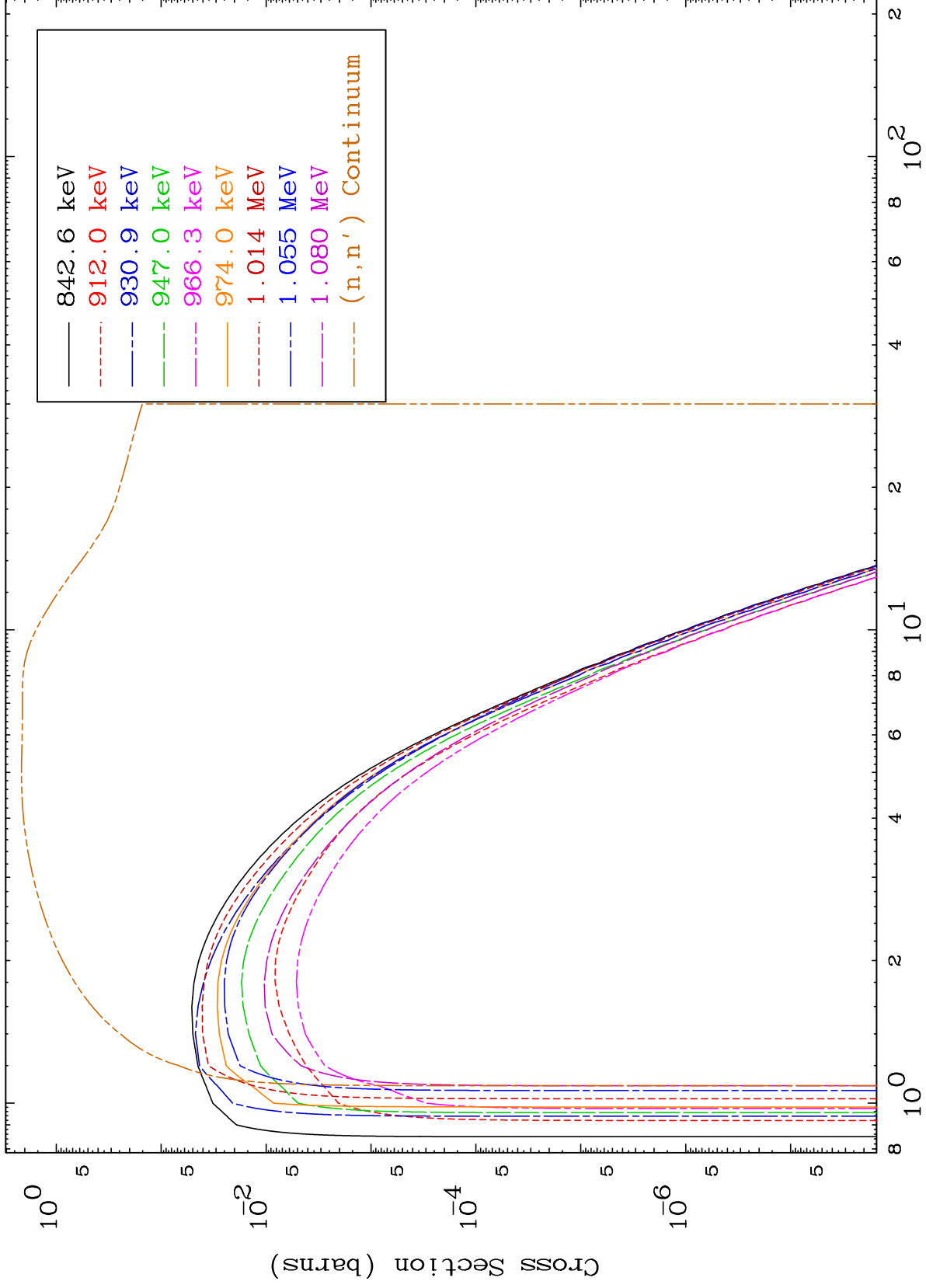
56-Ba-131

MAT 5629

(n,n') Level

56-Ba-131

293 Kelvin Cross Sections



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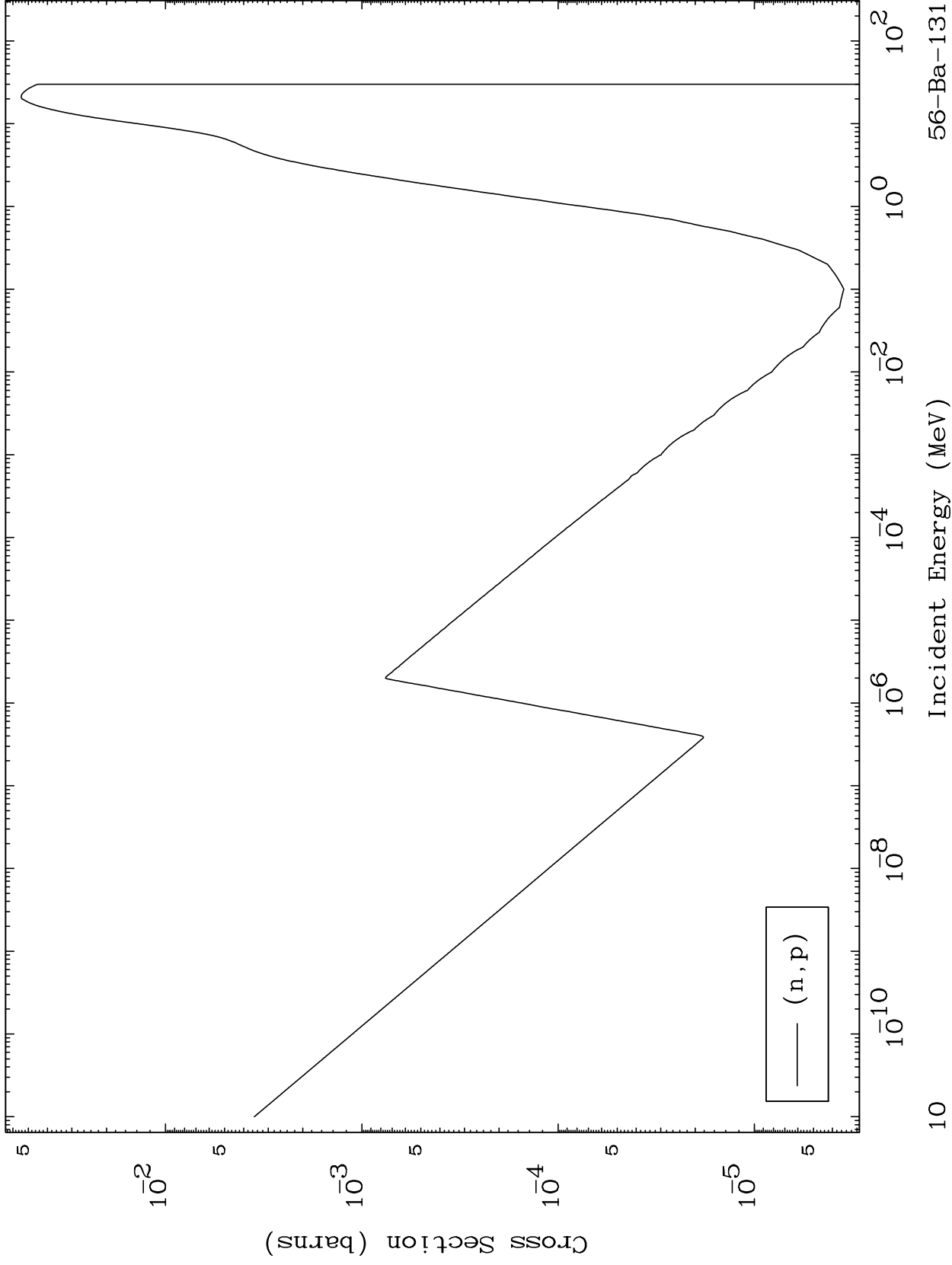
Incident Energy (MeV)

56-Ba-131

MAT 5629

(n,p) Levels
293 Kelvin Cross Sections

56-Ba-131



56-Ba-131

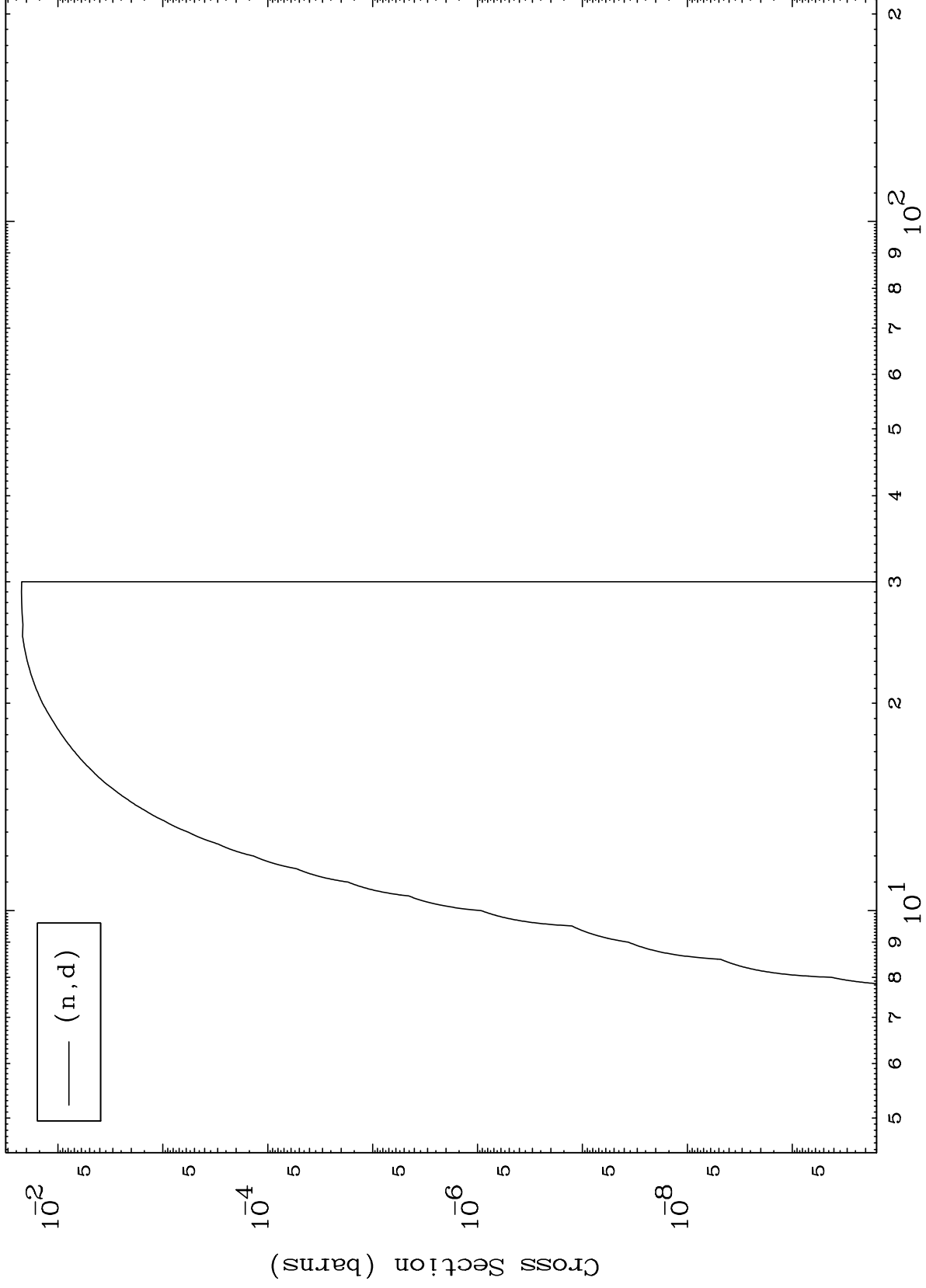
Incident Energy (MeV)

10

MAT 5629

(n,d) Levels
293 Kelvin Cross Sections

56-Ba-131



11

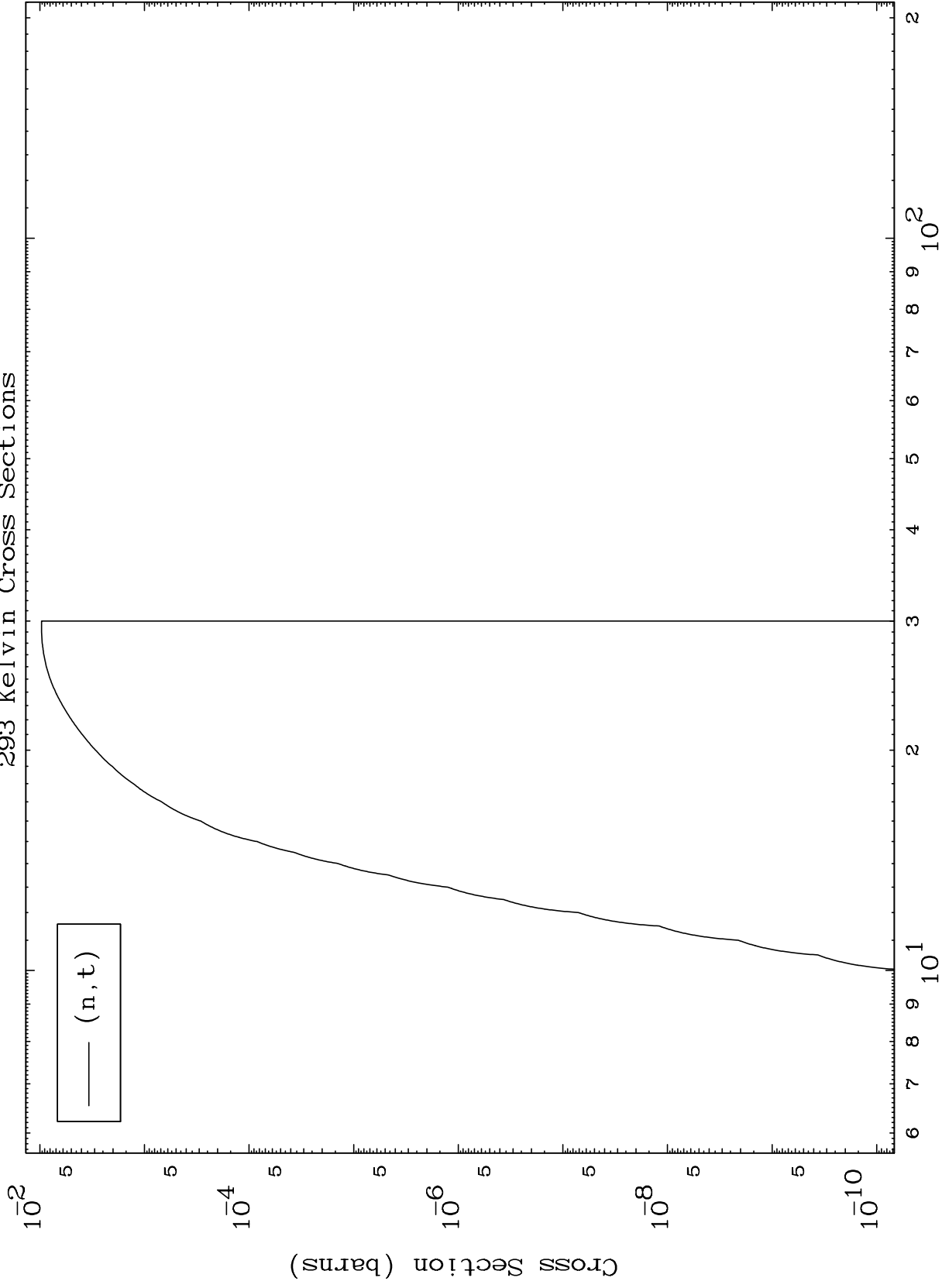
Incident Energy (MeV)

56-Ba-131

MAT 5629

(n, t) Levels
293 Kelvin Cross Sections

56-Ba-131



12

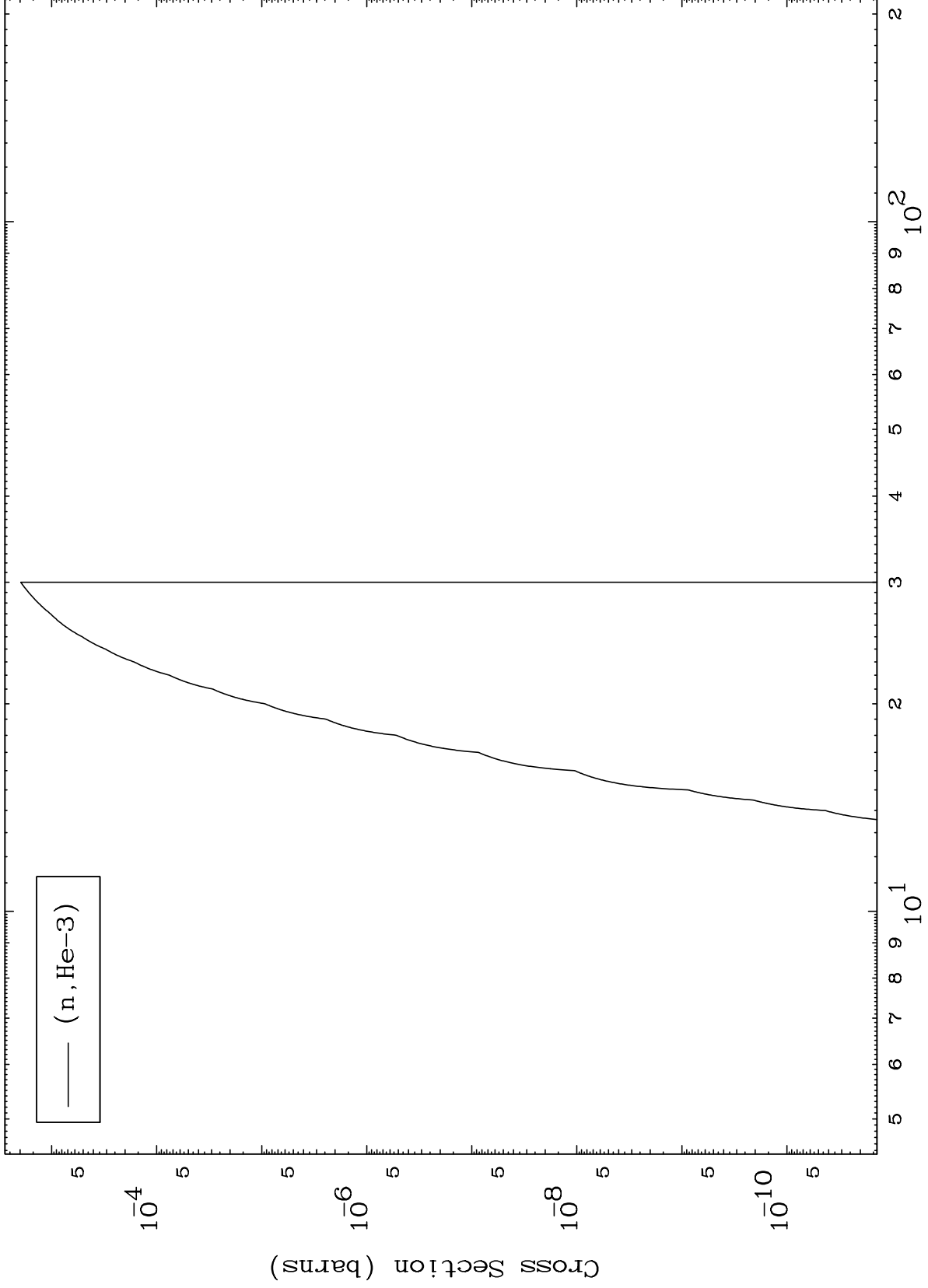
Incident Energy (MeV)

56-Ba-131

MAT 5629

(n,He3) Levels
293 Kelvin Cross Sections

56-Ba-131



13

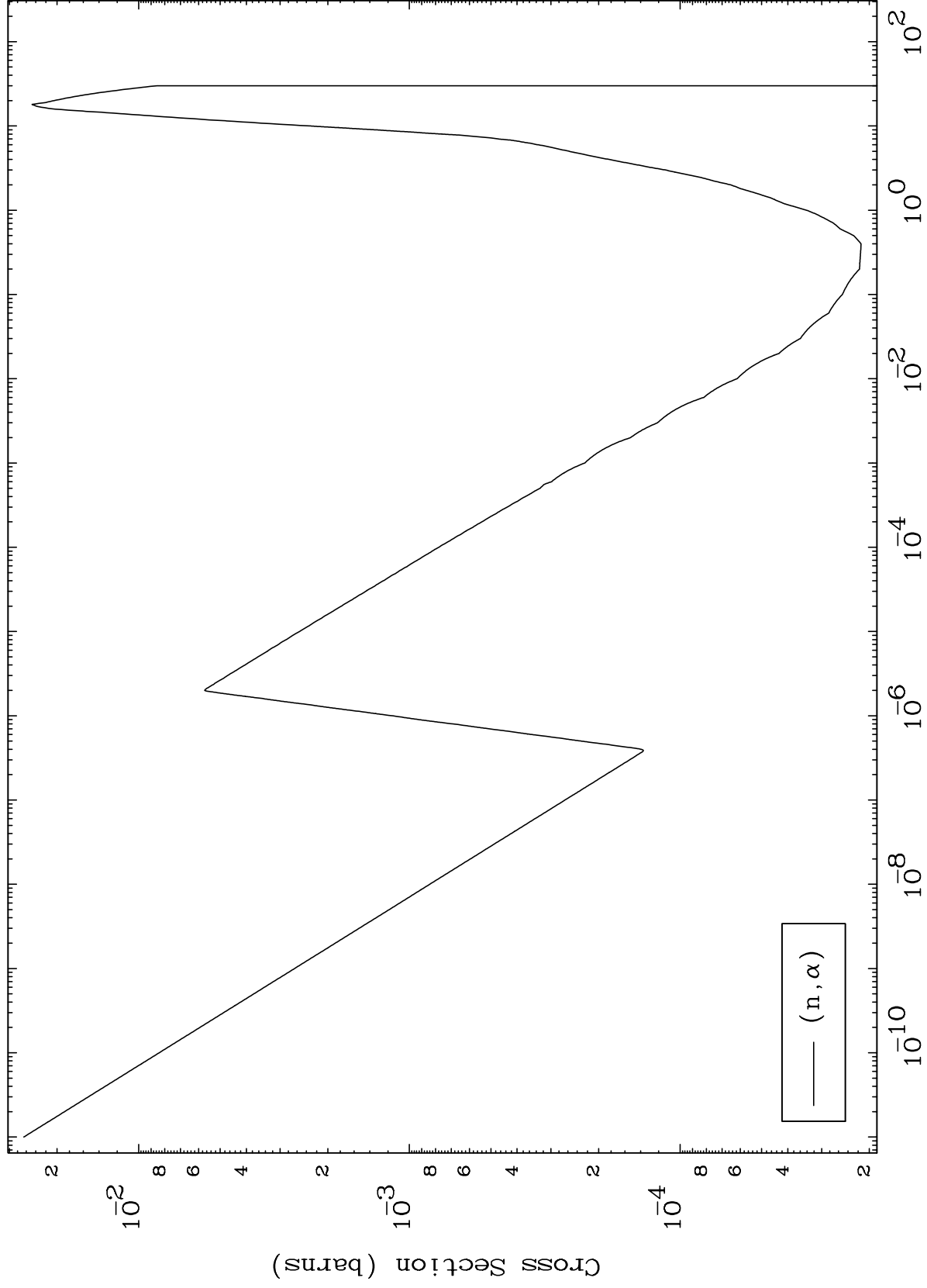
Incident Energy (MeV)

56-Ba-131

MAT 5629

(n,α) Levels
293 Kelvin Cross Sections

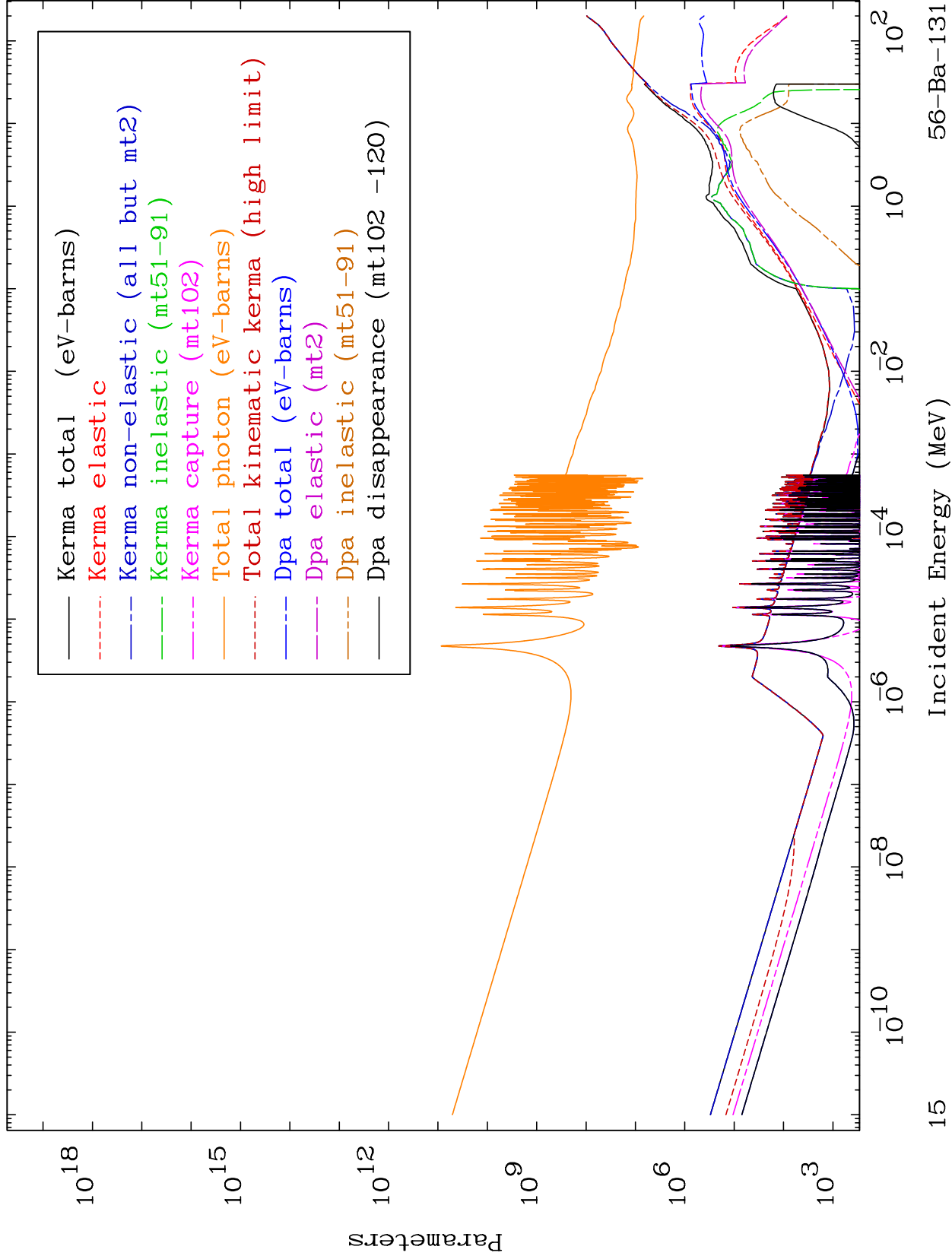
56-Ba-131



14

Incident Energy (MeV)

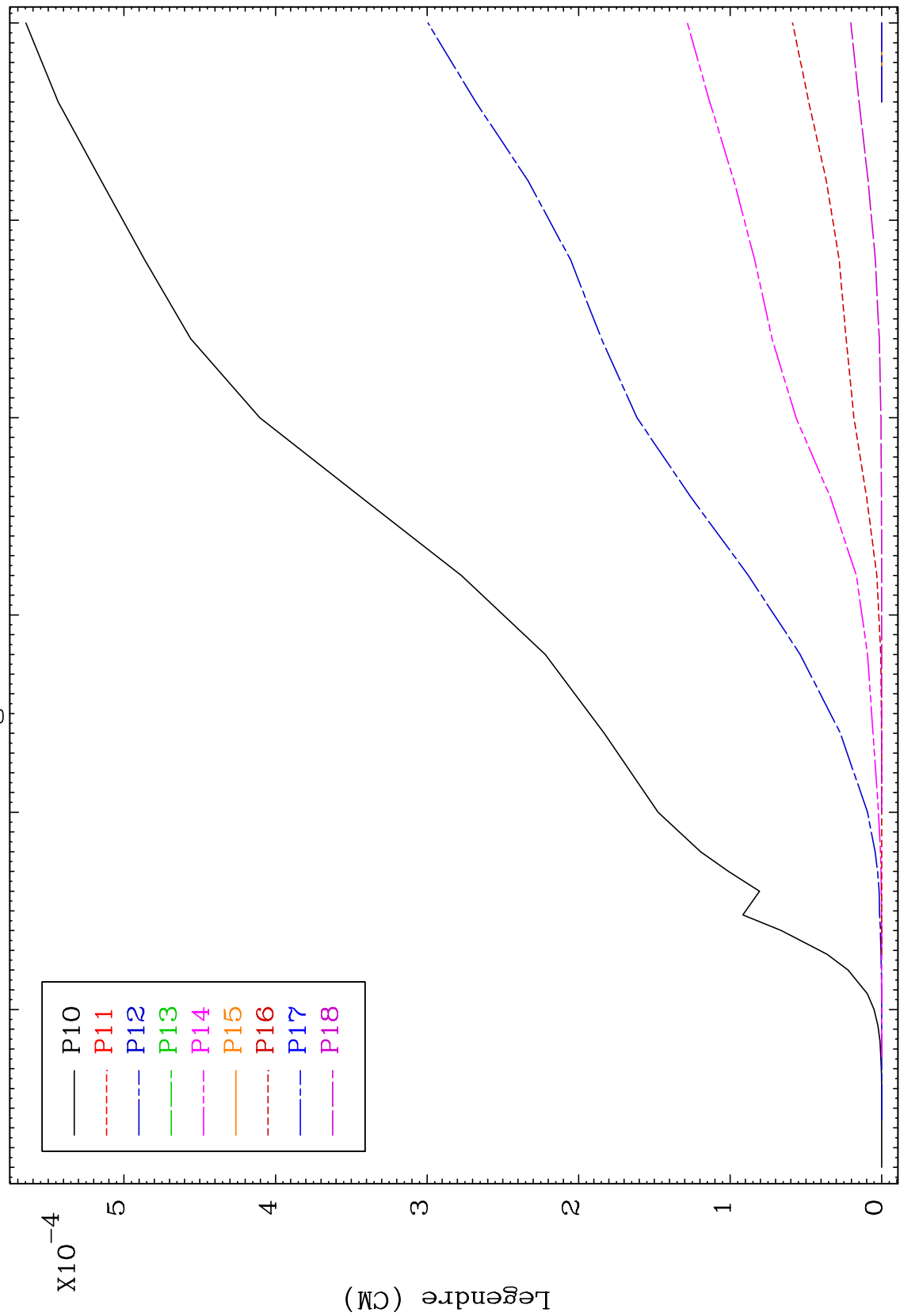
56-Ba-131



MAT 5629

Elastic Legendre Coefficients

56-Ba-131



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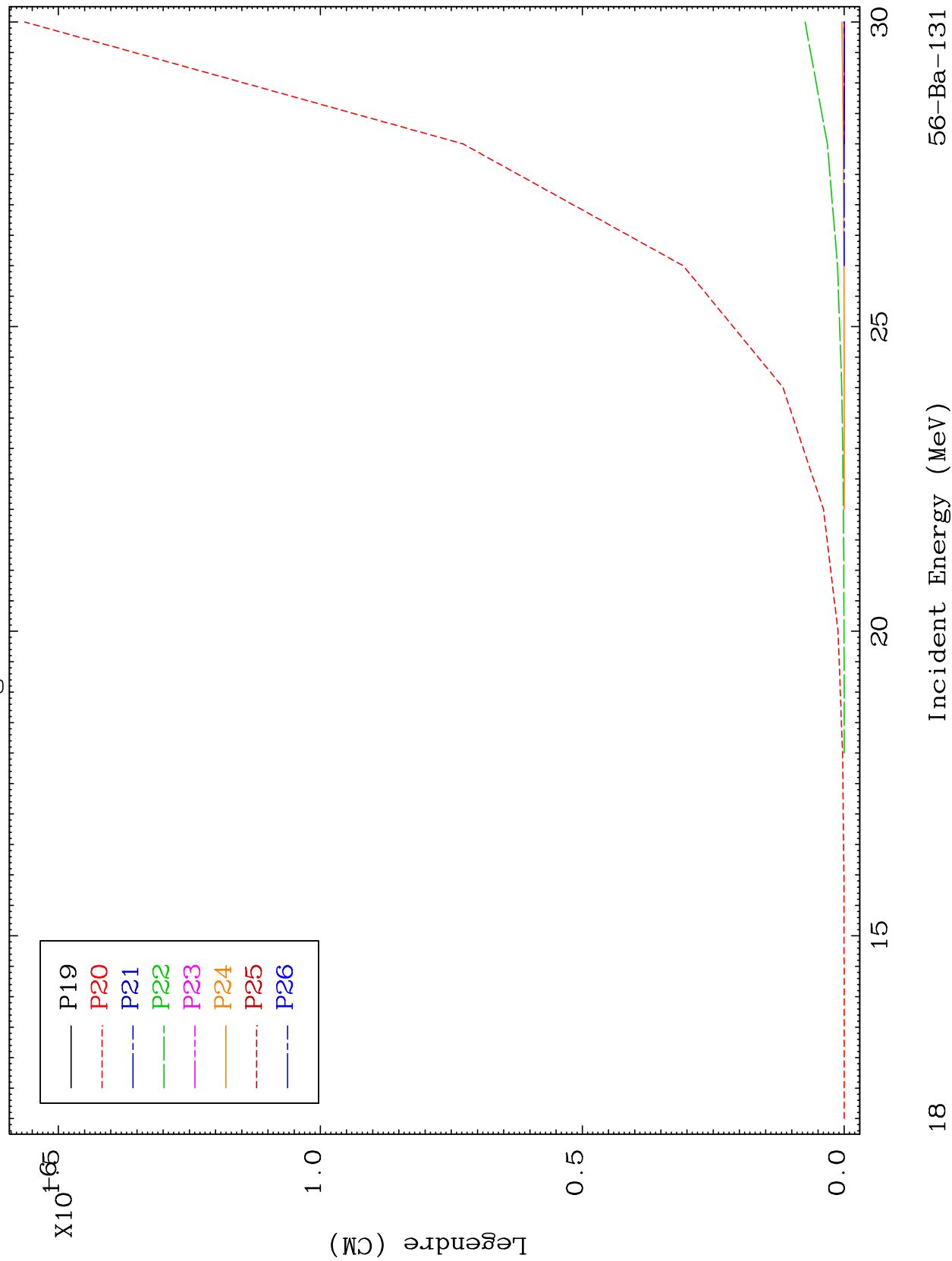
56-Ba-131

Incident Energy (MeV)

MAT 5629

Elastic Legendre Coefficients

56-Ba-131



18

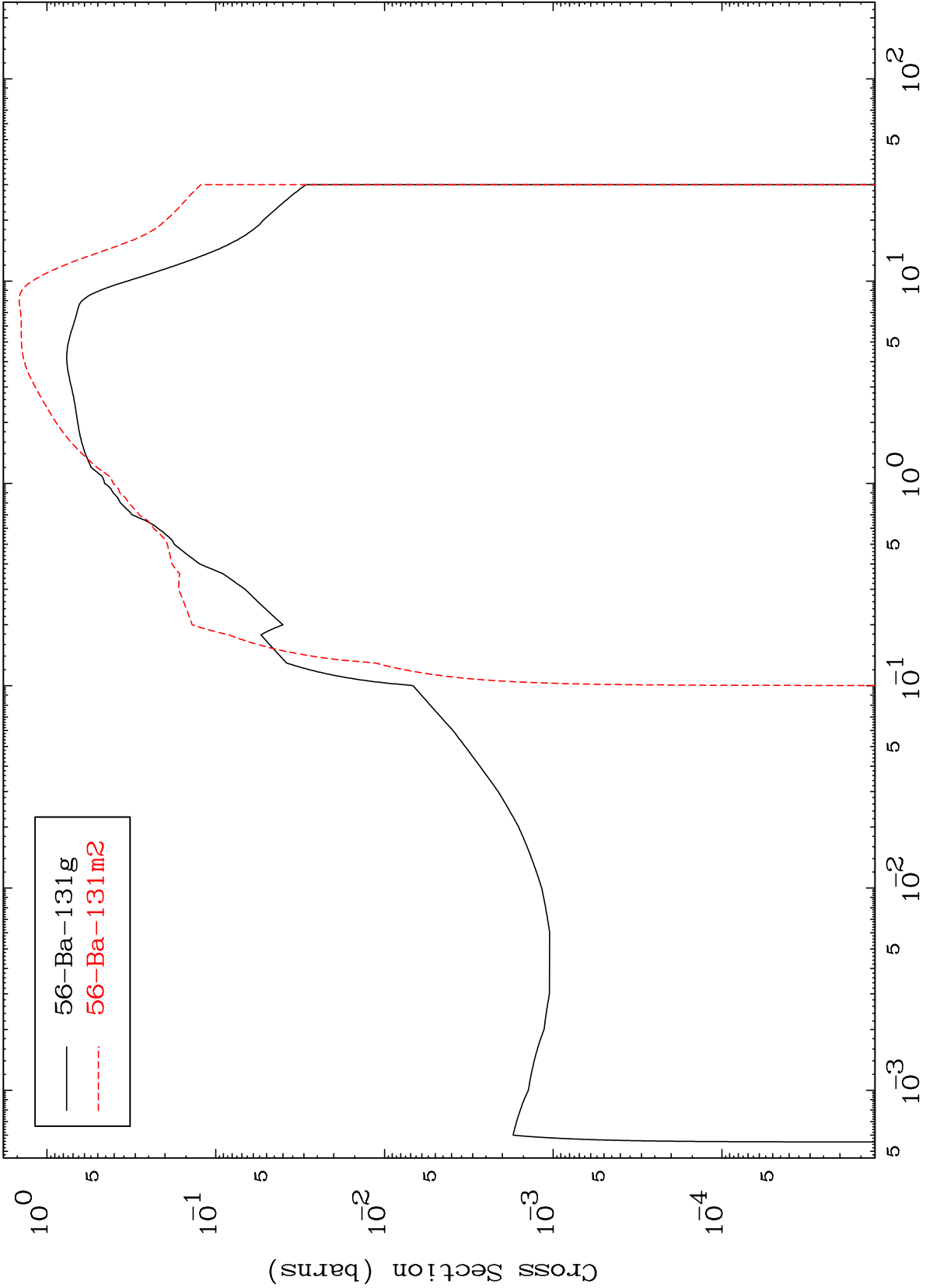
Incident Energy (MeV)

56-Ba-131

MAT 5629

56-Ba-131

Inelastic
Radionuclide Production Cross Section

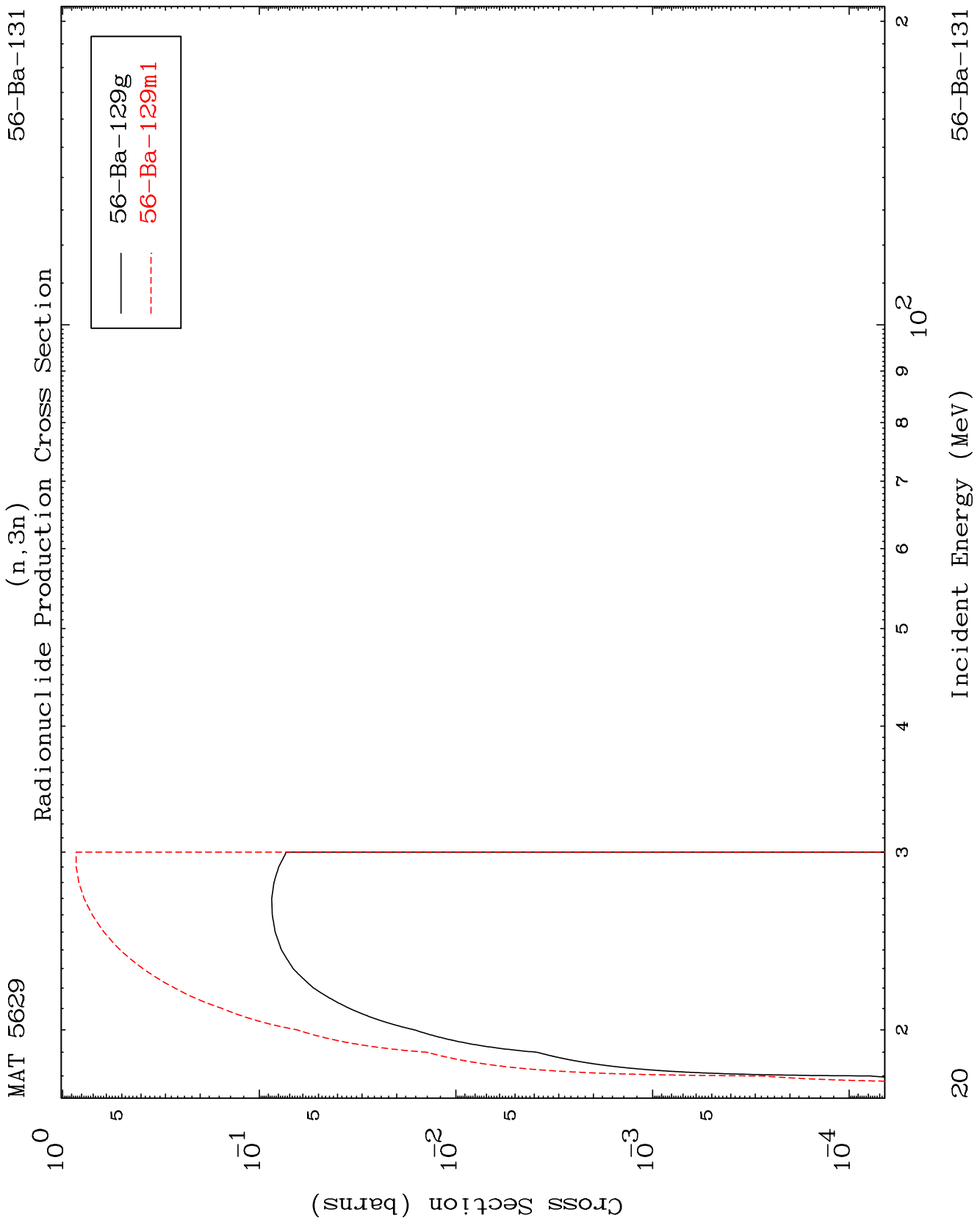


56-Ba-131 g
56-Ba-131 m2

56-Ba-131

Incident Energy (MeV)

19

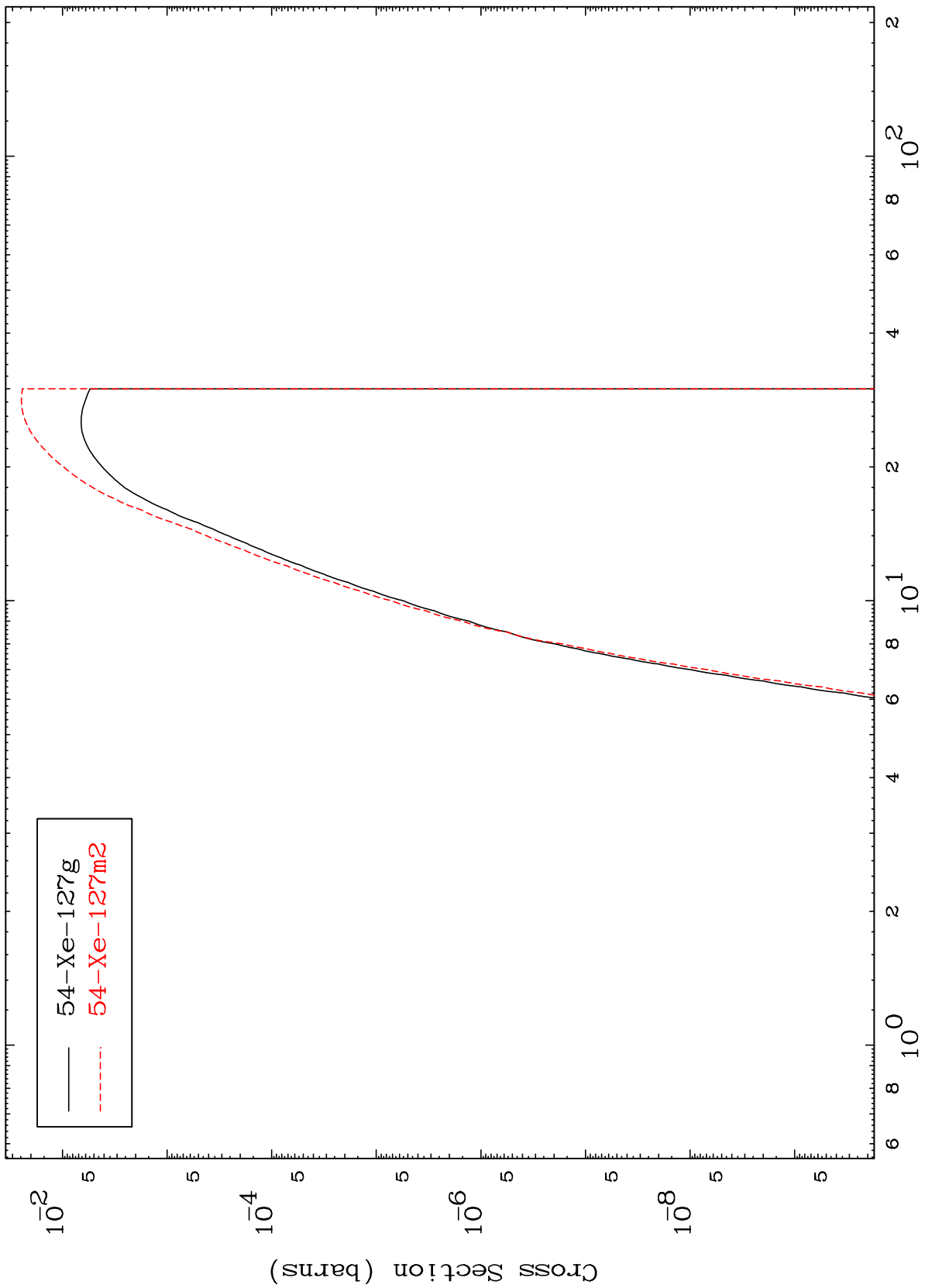


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(n,n') α

56-Ba-131

Radionuclide Production Cross Section

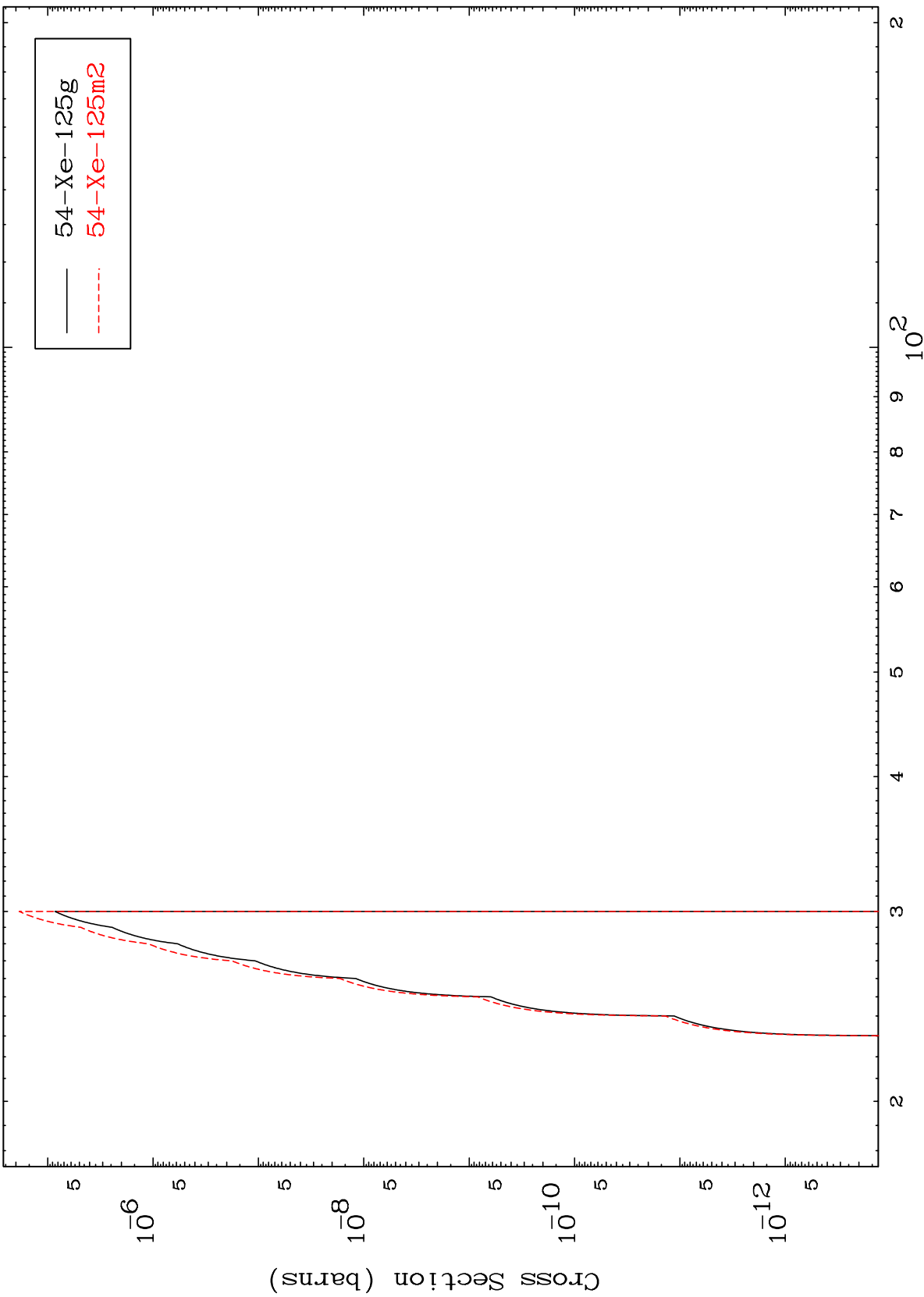


21

Incident Energy (MeV)

56-Ba-131

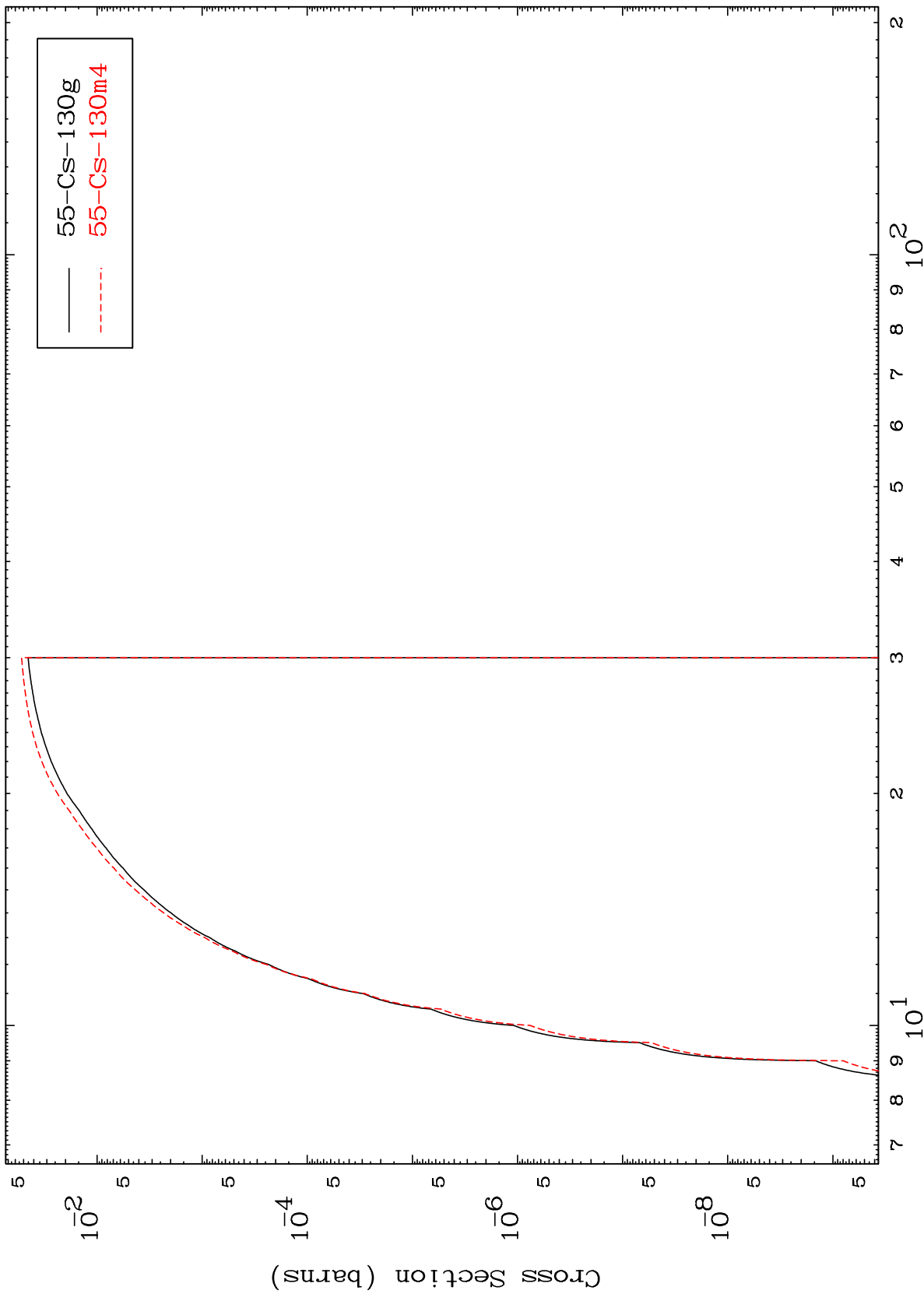
Radionuclide Production Cross Section



MAT 5629

56-Ba-131

(n,n') p
Radionuclide Production Cross Section



56-Ba-131

Incident Energy (MeV)

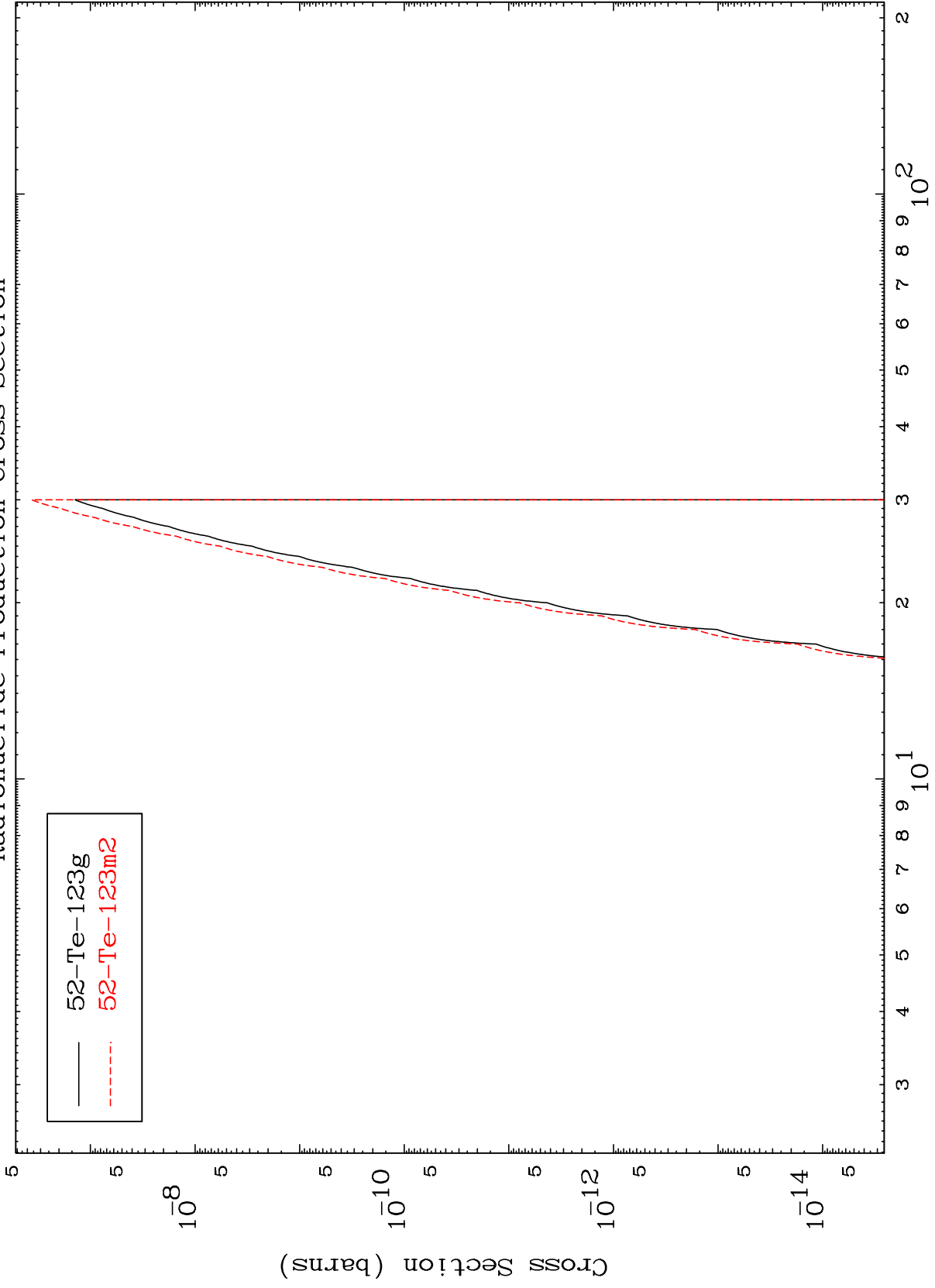
23

MAT 5629

(n,n') 2α

56-Ba-131

Radionuclide Production Cross Section



24

Incident Energy (MeV)

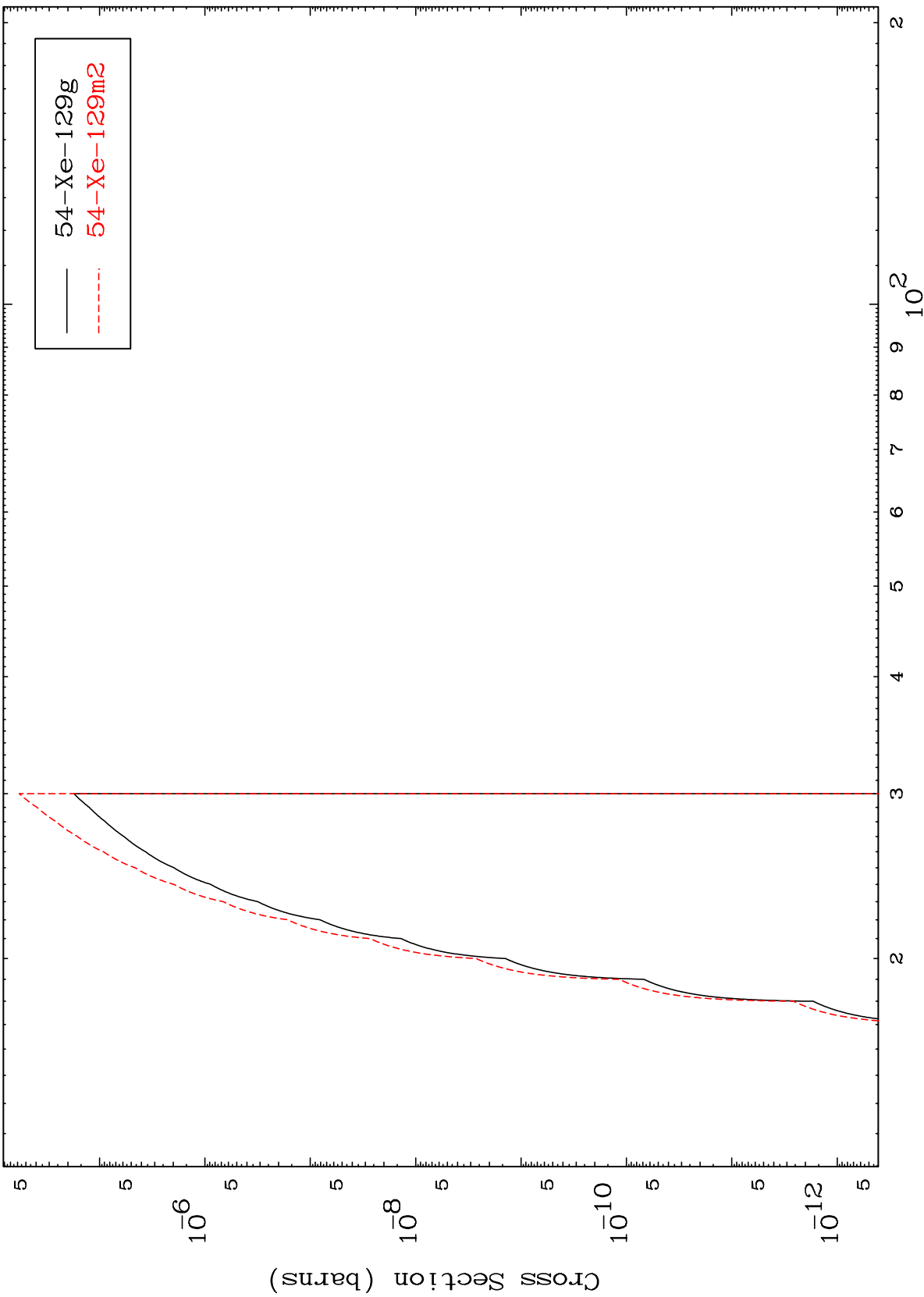
56-Ba-131

MAT 5629

(n,2n) p

56-Ba-131

Radionuclide Production Cross Section



54-Xe-129g
54-Xe-129m2

25

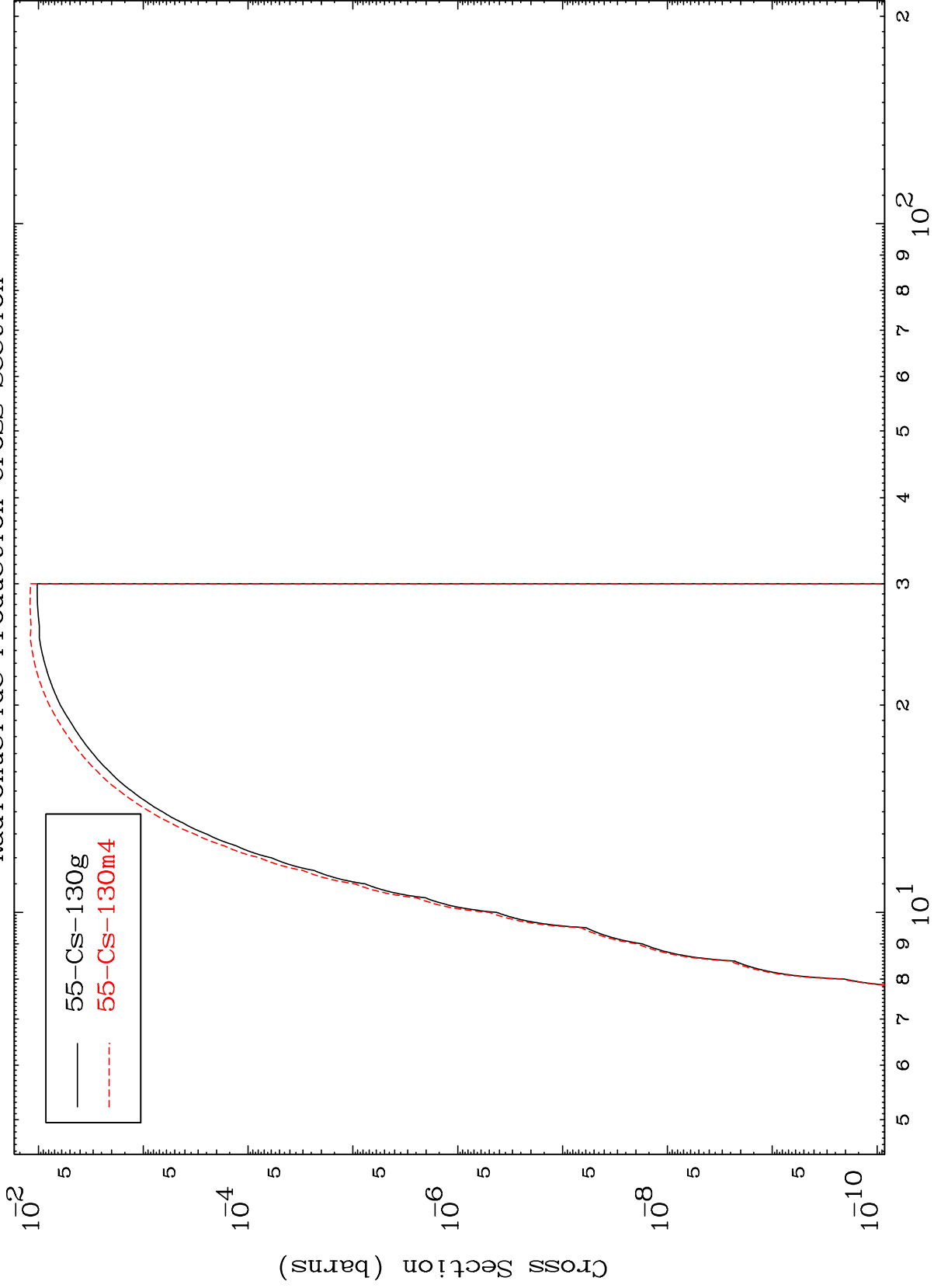
Incident Energy (MeV)

56-Ba-131

MAT 5629

56-Ba-131

(n,d)
Radionuclide Production Cross Section



26

Incident Energy (MeV)

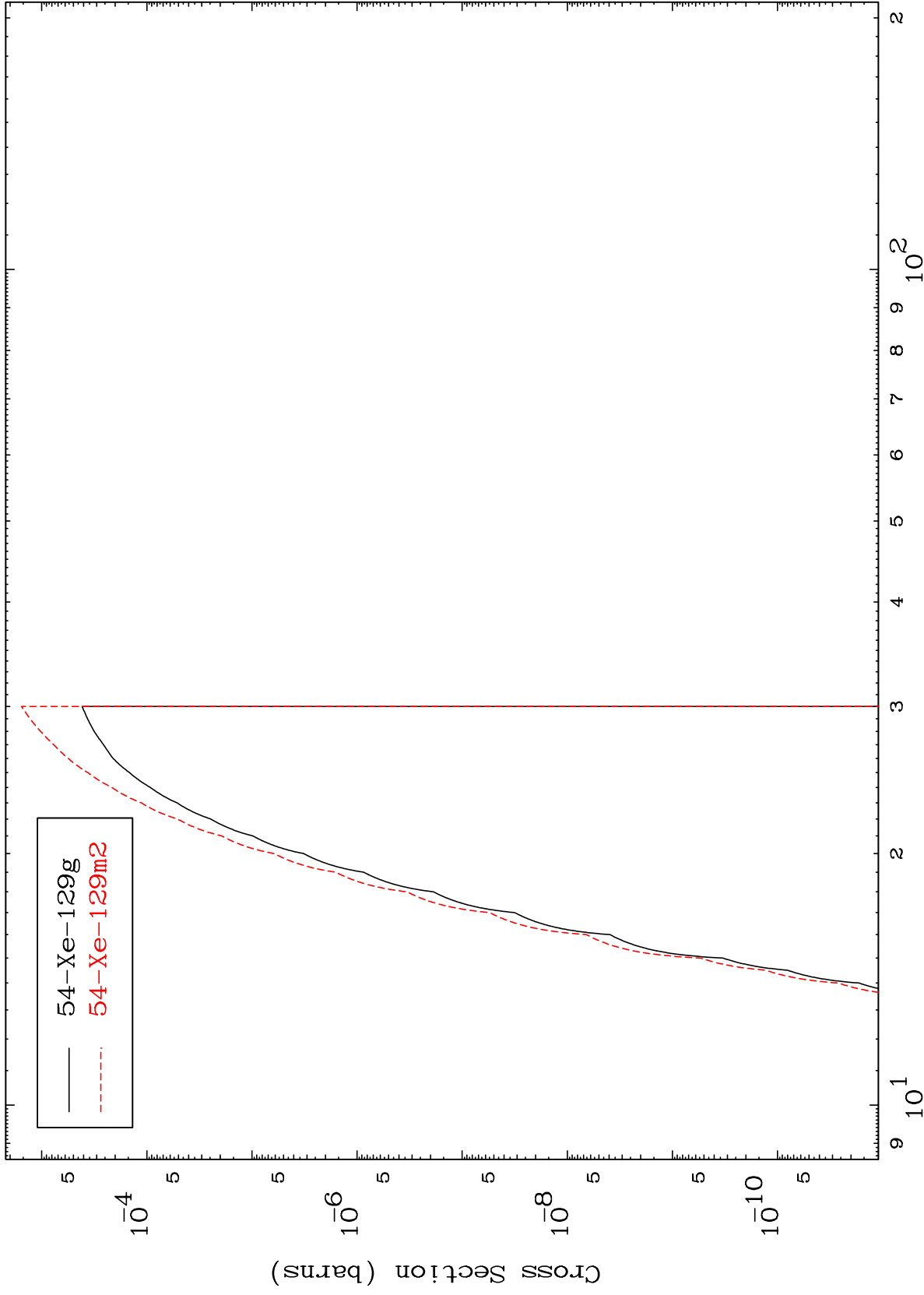
56-Ba-131

MAT 5629

(n,He-3)

56-Ba-131

Radionuclide Production Cross Section



27

Incident Energy (MeV)

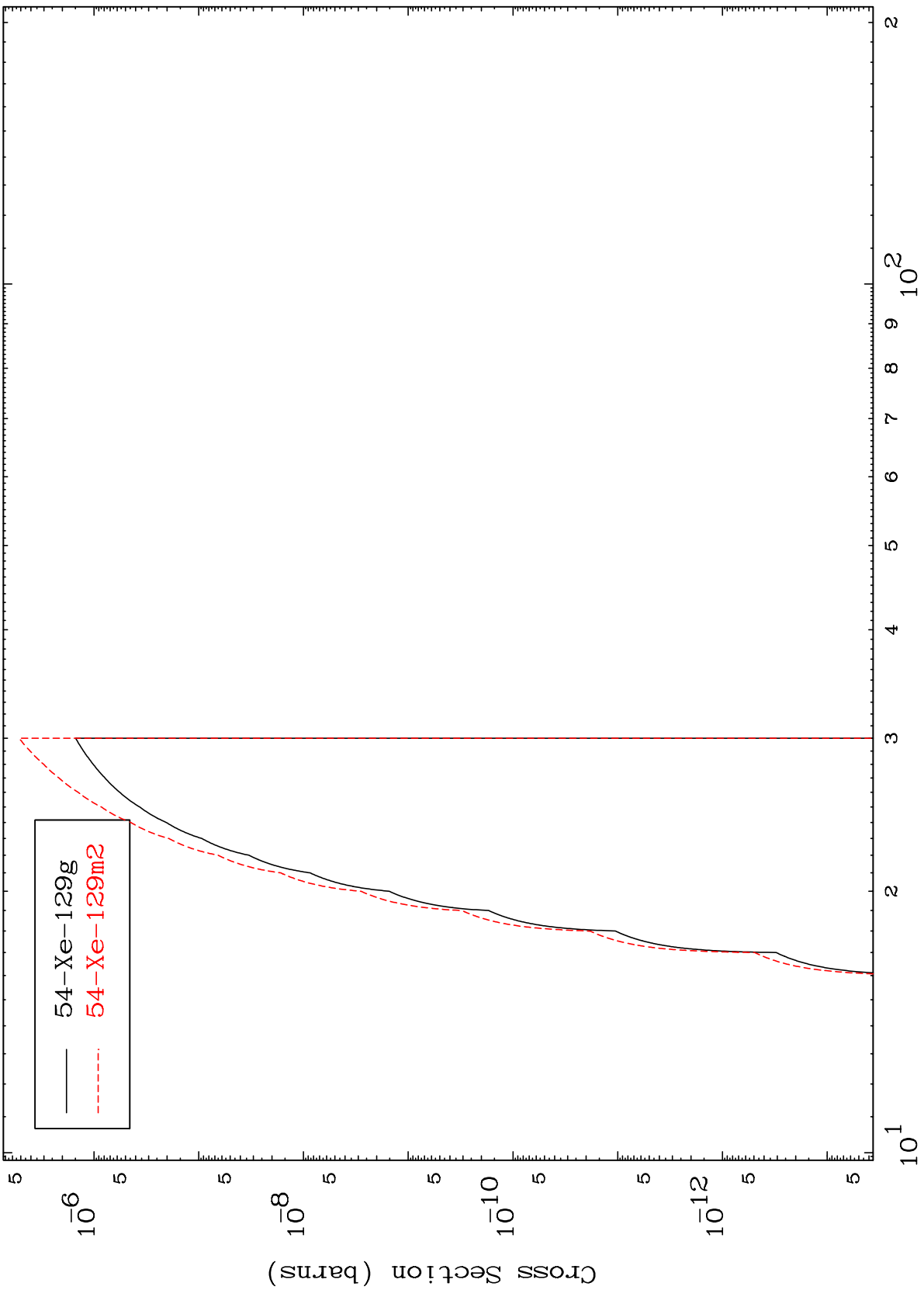
56-Ba-131

MAT 5629

(n,p) d

56-Ba-131

Radionuclide Production Cross Section



54-Xe-129g
54-Xe-129m2

Incident Energy (MeV)

56-Ba-131

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