

Program EVALPLOT
(Version 2017-1)

by

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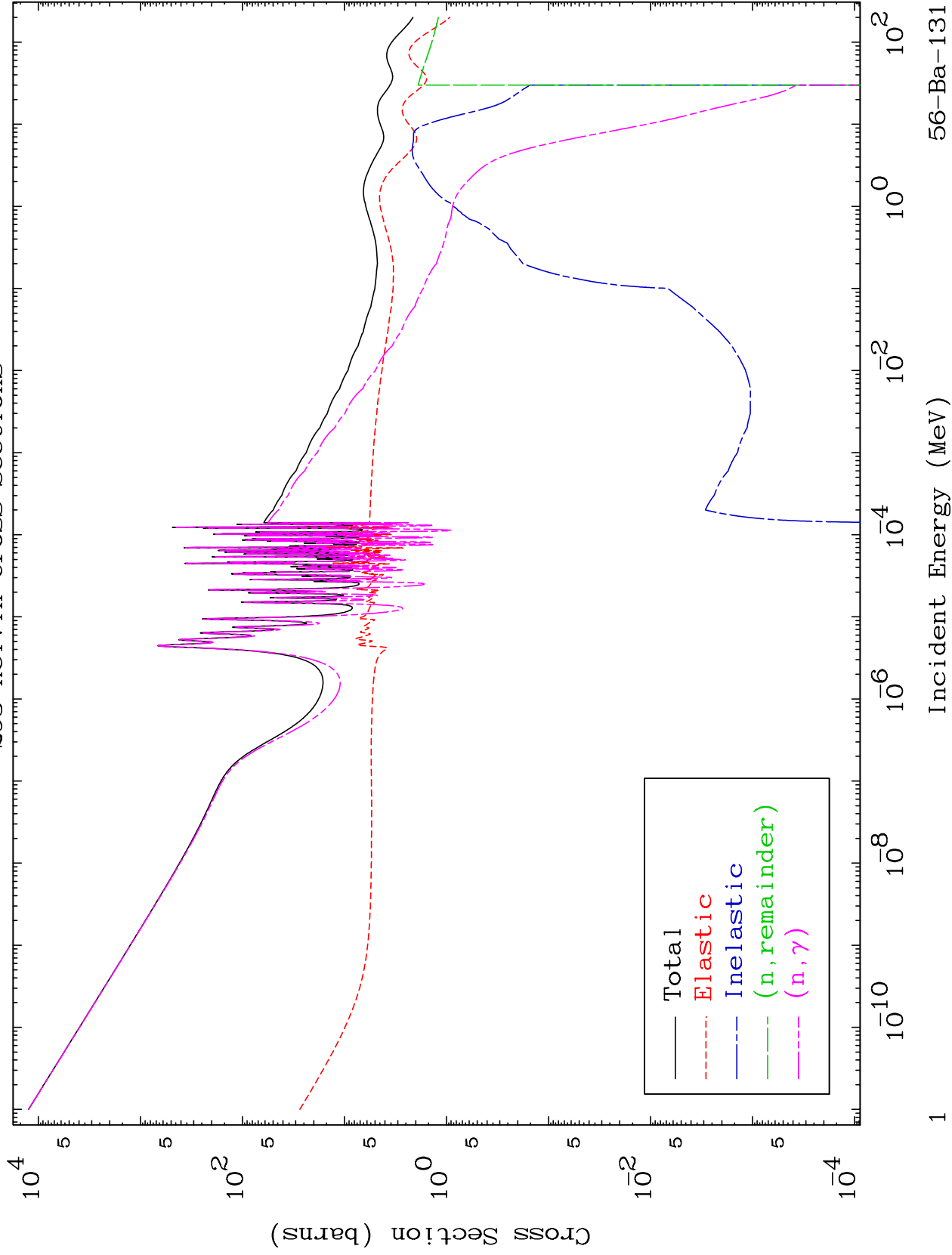
Press Mouse Button to Start

MAT 5629

Major

293 Kelvin Cross Sections

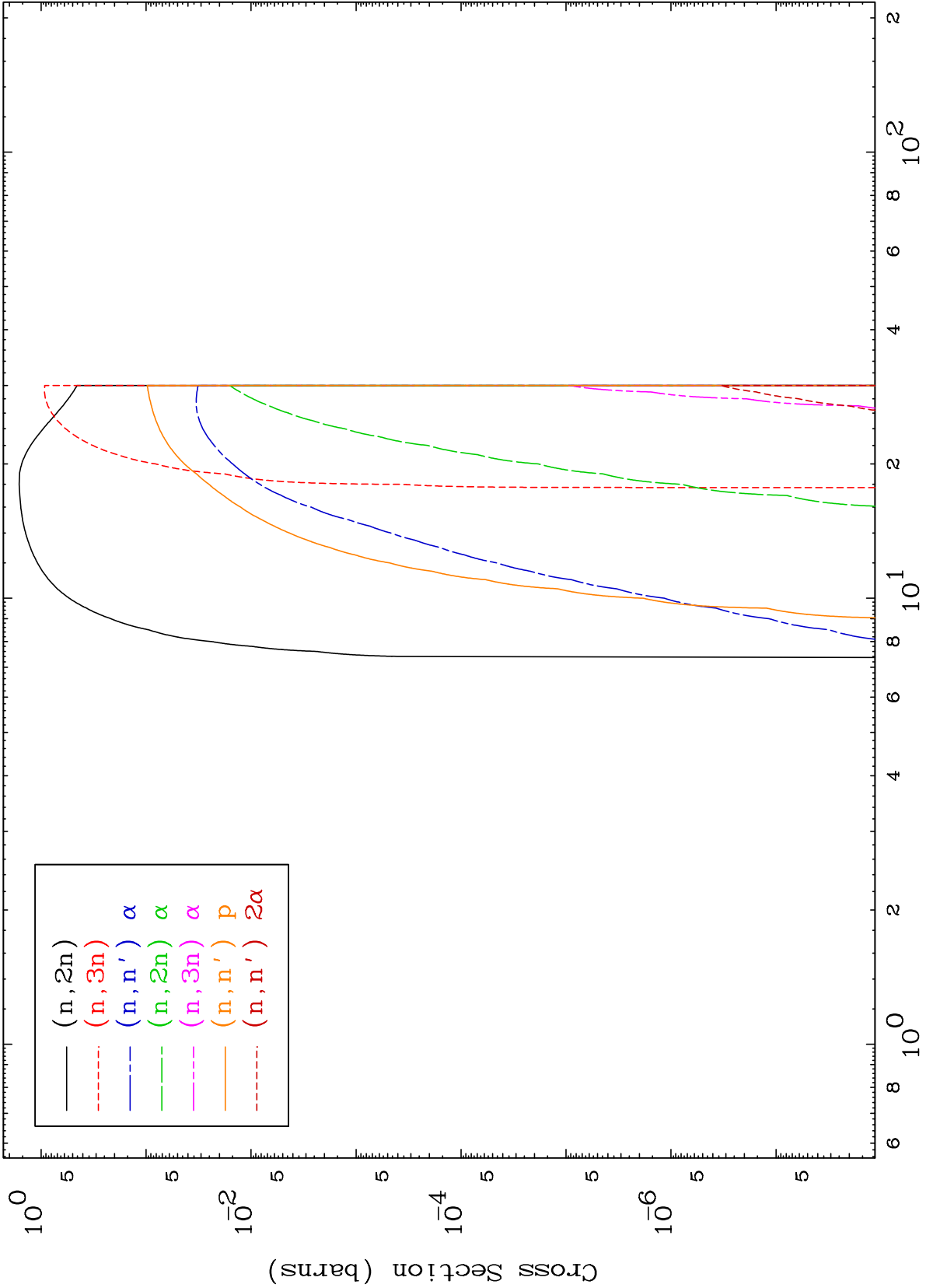
56-Ba-131



MAT 5629

Neutron Production
293 Kelvin Cross Sections

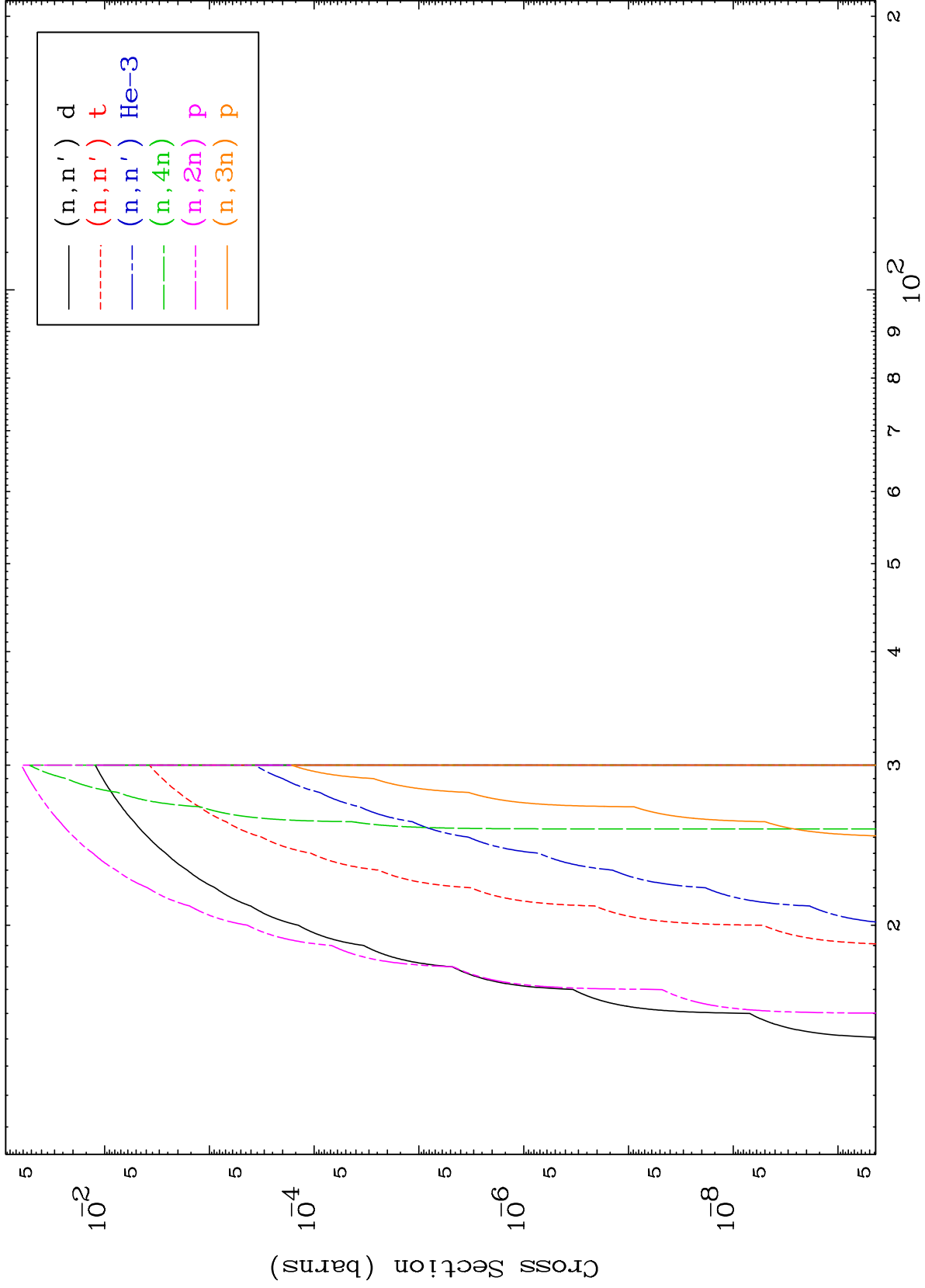
56-Ba-131



56-Ba-131

Incident Energy (MeV)

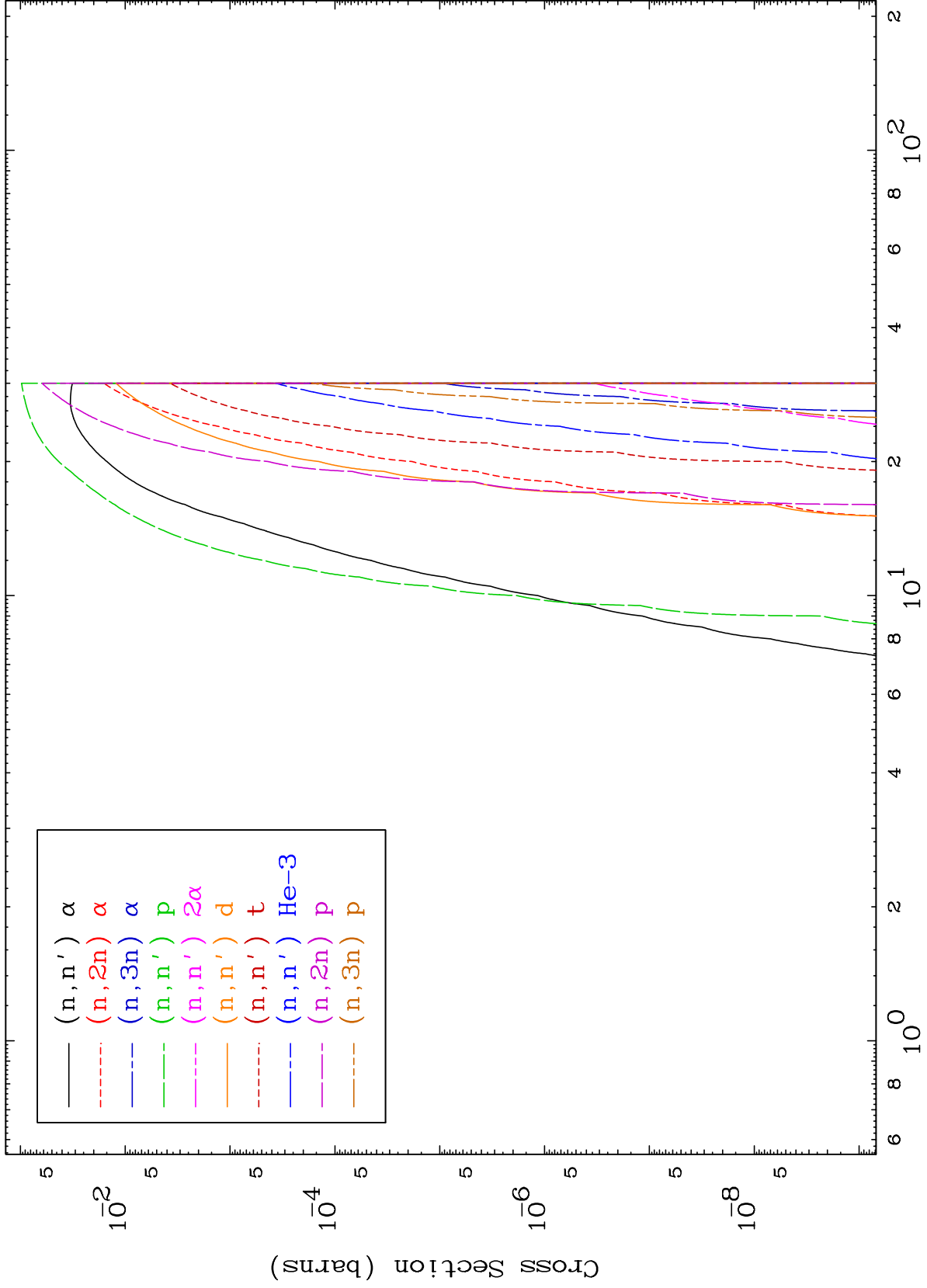
2



MAT 5629

Charged Particle
293 Kelvin Cross Sections

56-Ba-131



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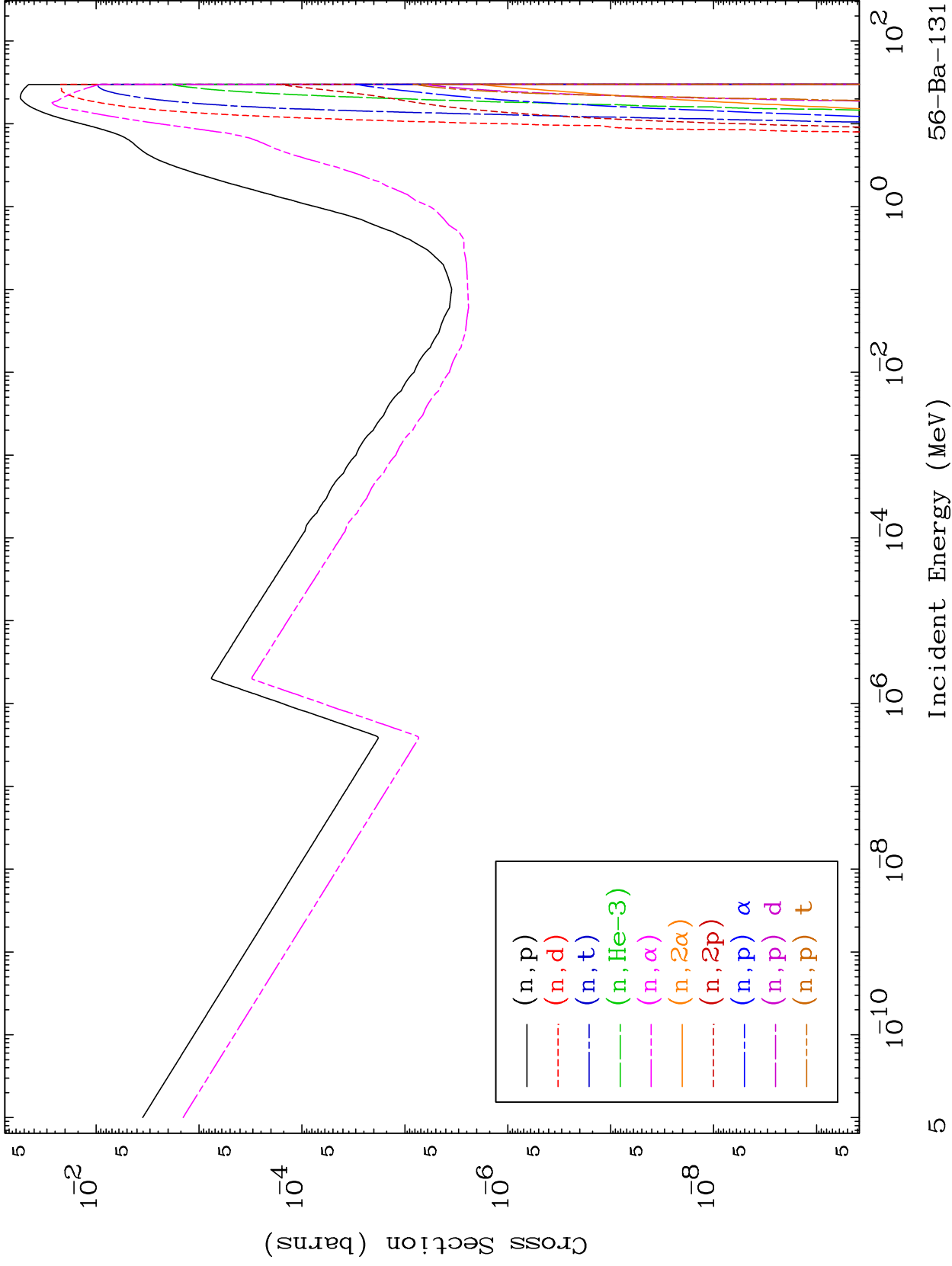
Incident Energy (MeV)

56-Ba-131

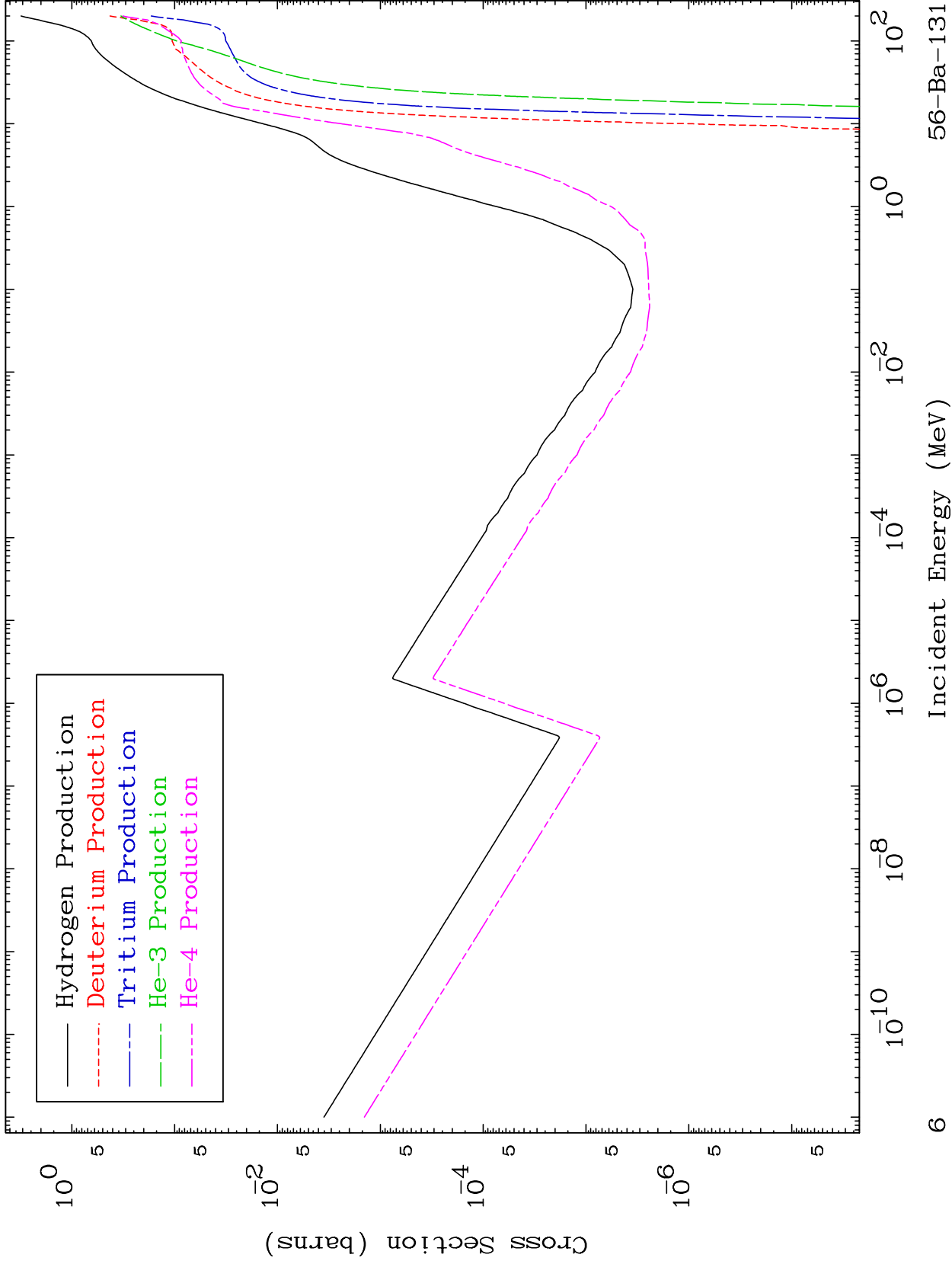
MAT 5629

Charged Particle
293 Kelvin Cross Sections

56-Ba-131



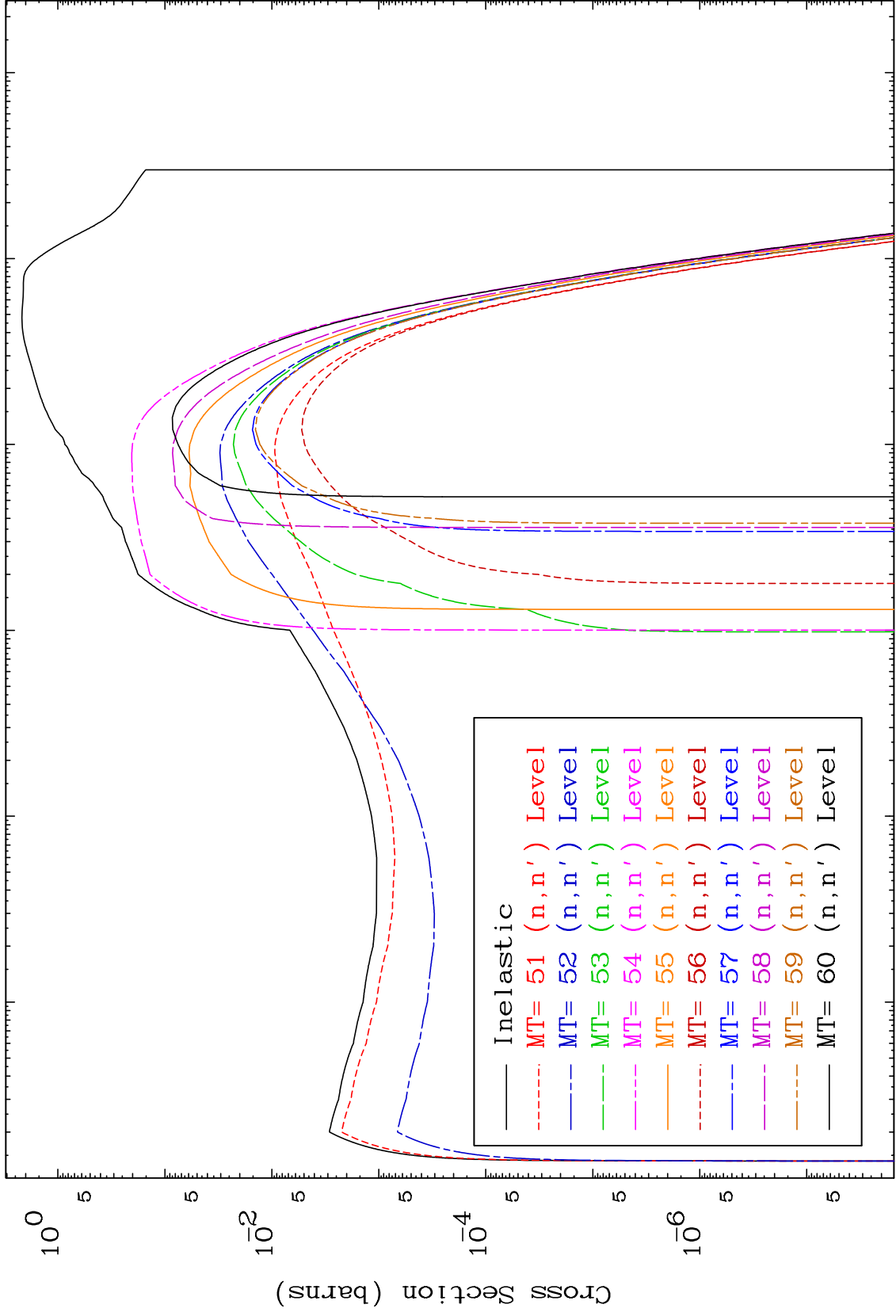
5



MAT 5629

(n,n') Level
293 Kelvin Cross Sections

56-Ba-131



56-Ba-131

Incident Energy (MeV)

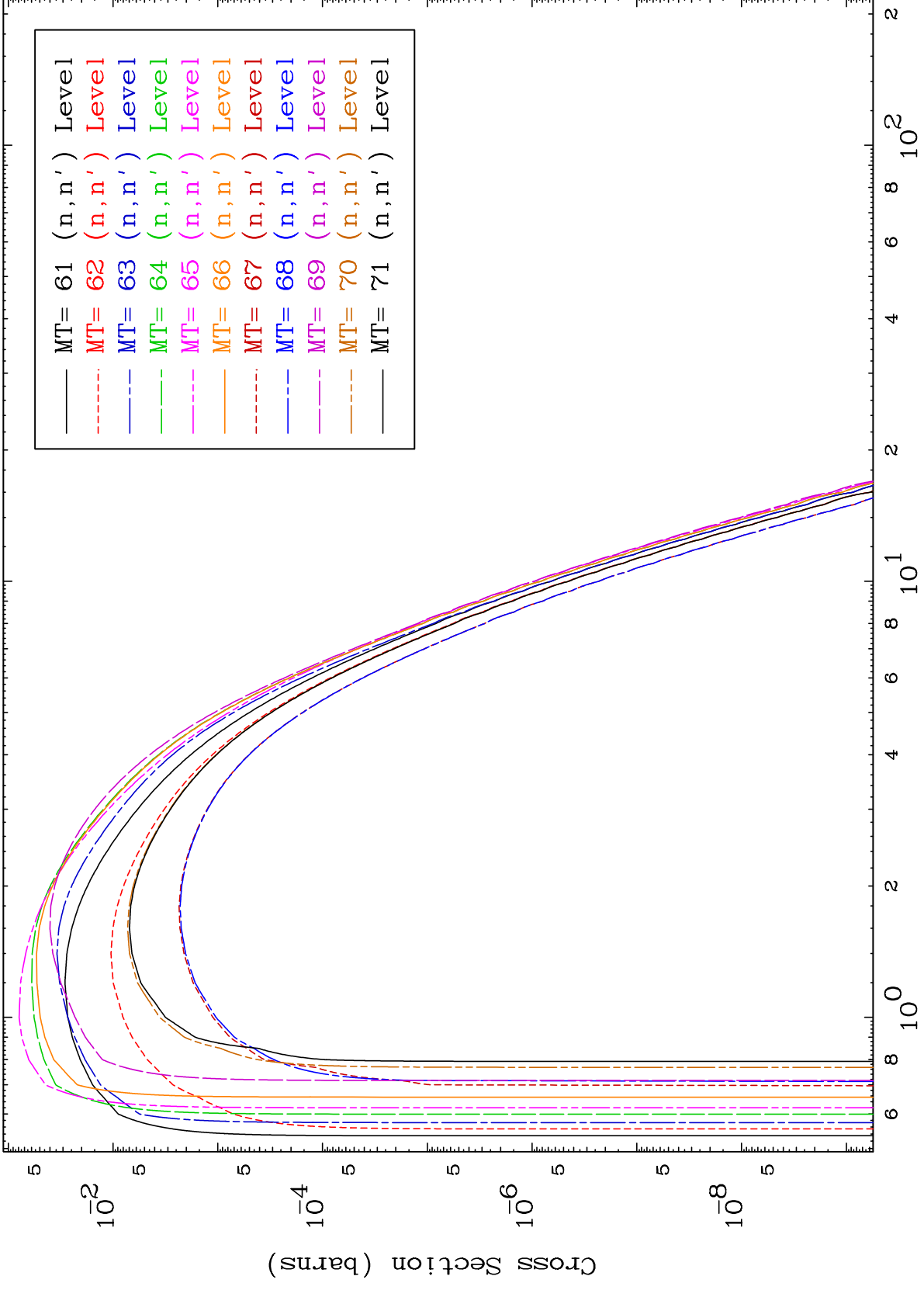
7

MAT 5629

(n,n') Level

56-Ba-131

293 Kelvin Cross Sections



8

Incident Energy (MeV)

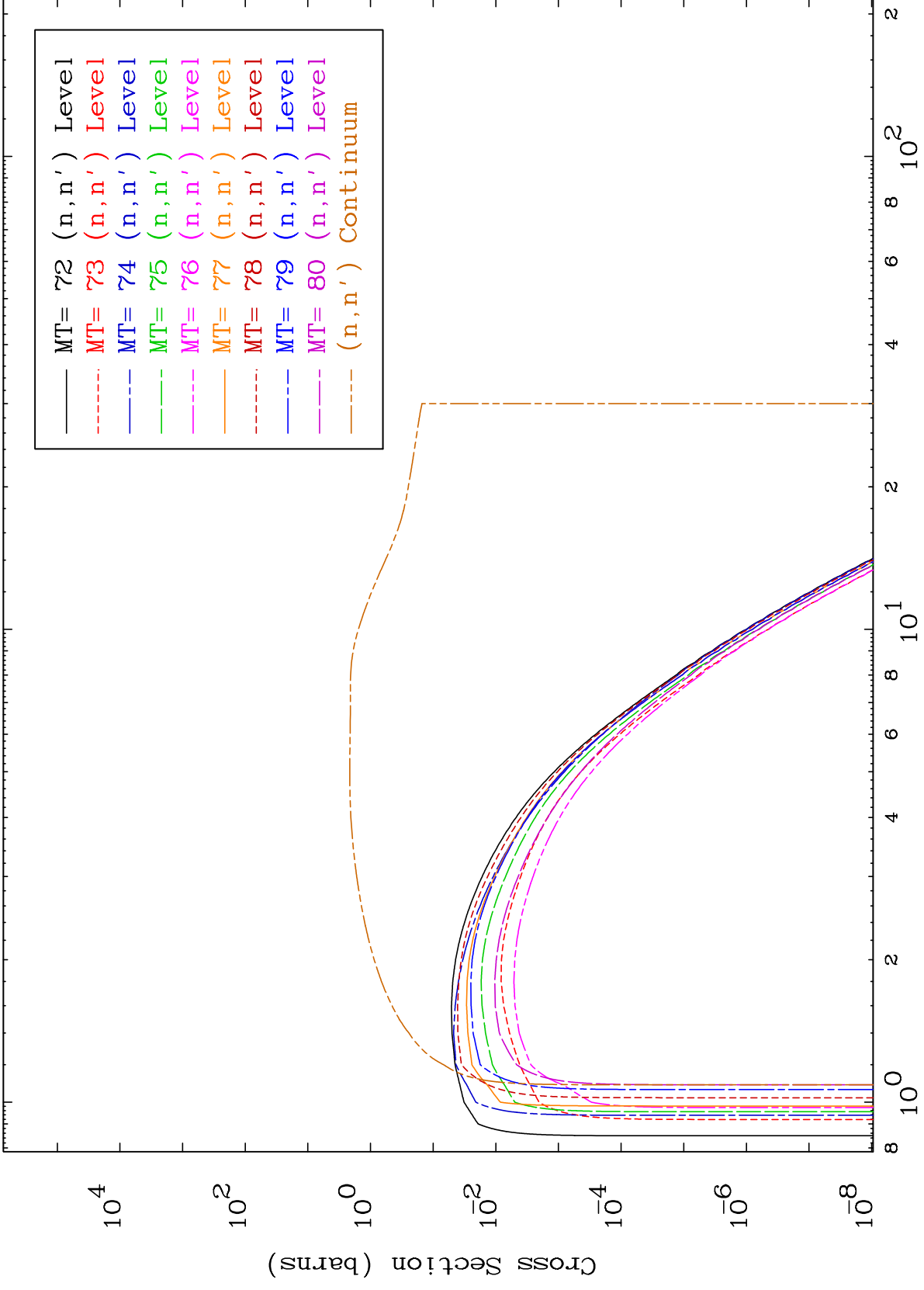
56-Ba-131

MAT 5629

(n,n') Level

56-Ba-131

293 Kelvin Cross Sections



Incident Energy (MeV)

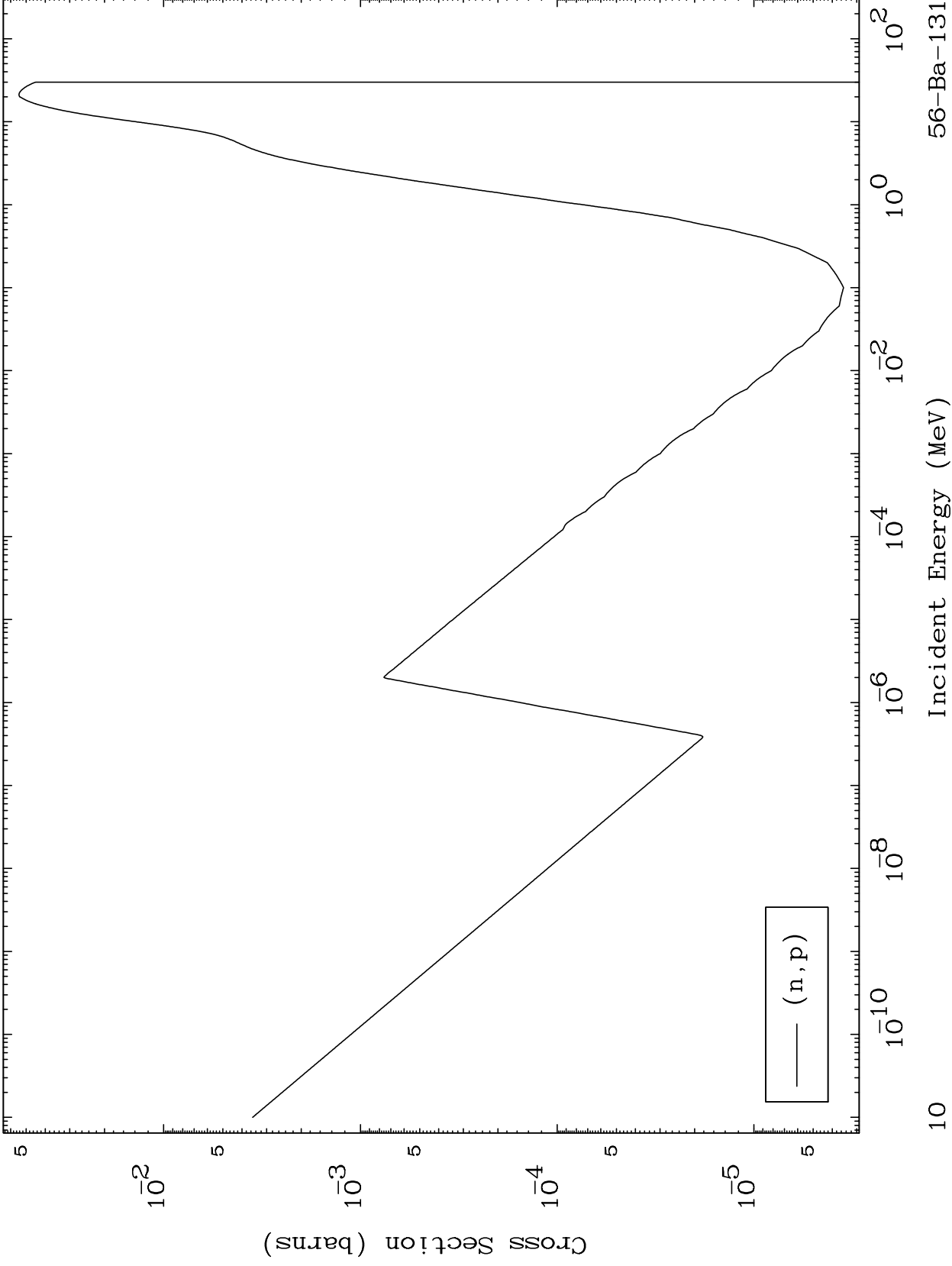
56-Ba-131

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(n,p) Levels
293 Kelvin Cross Sections

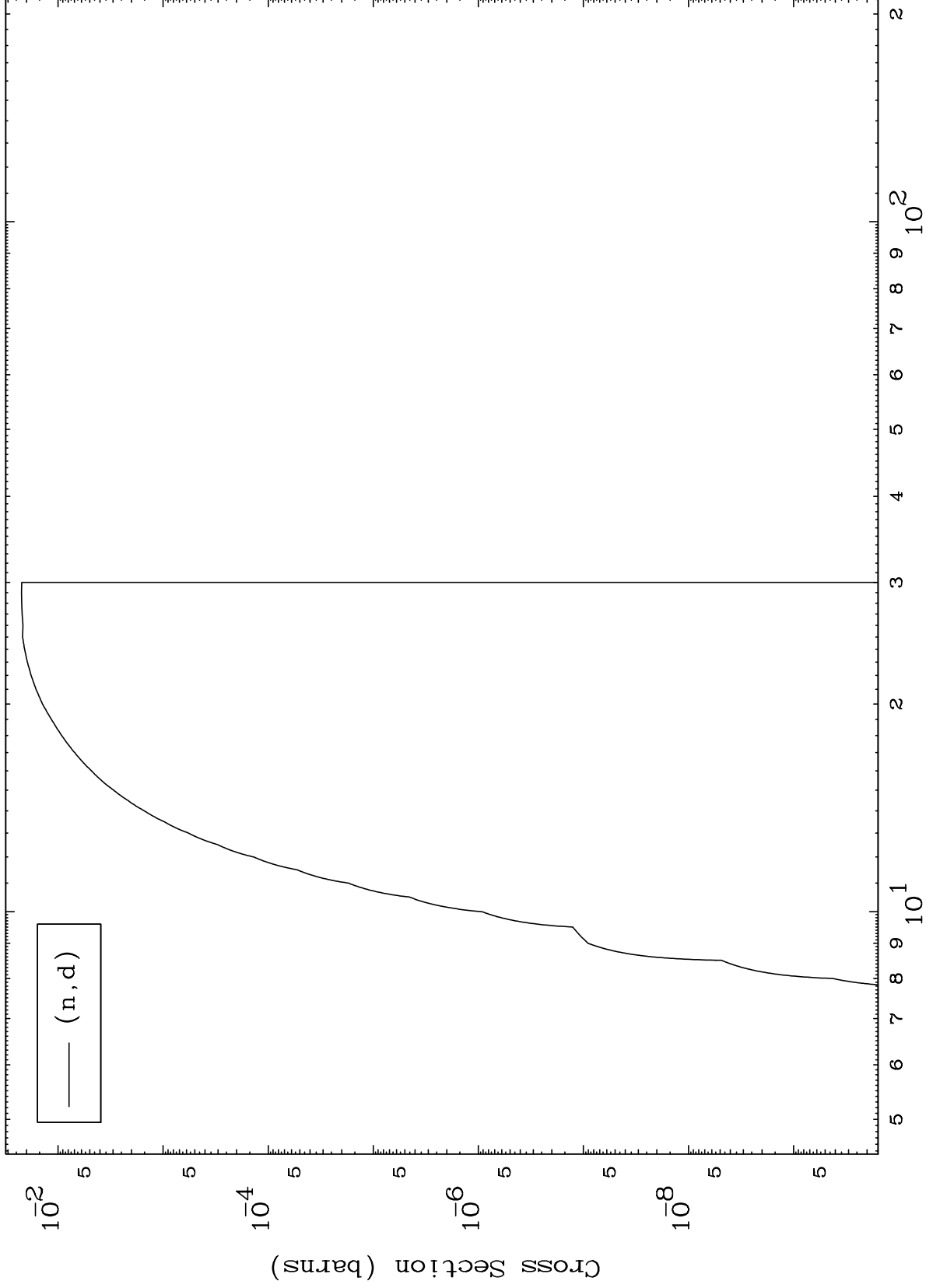
56-Ba-131



MAT 5629

(n,d) Levels
293 Kelvin Cross Sections

56-Ba-131



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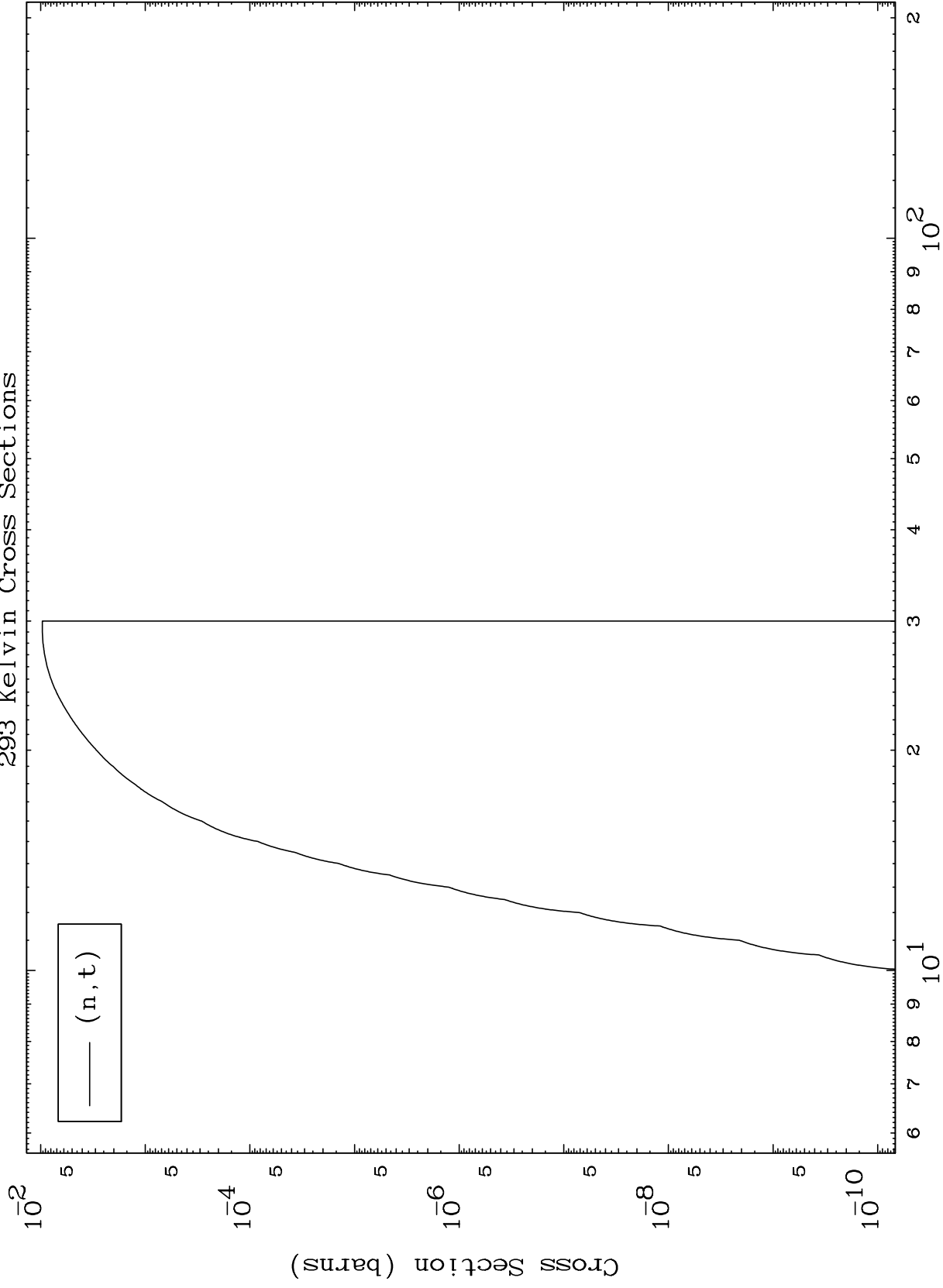
Incident Energy (MeV)

56-Ba-131

MAT 5629

(n, t) Levels
293 Kelvin Cross Sections

56-Ba-131



12

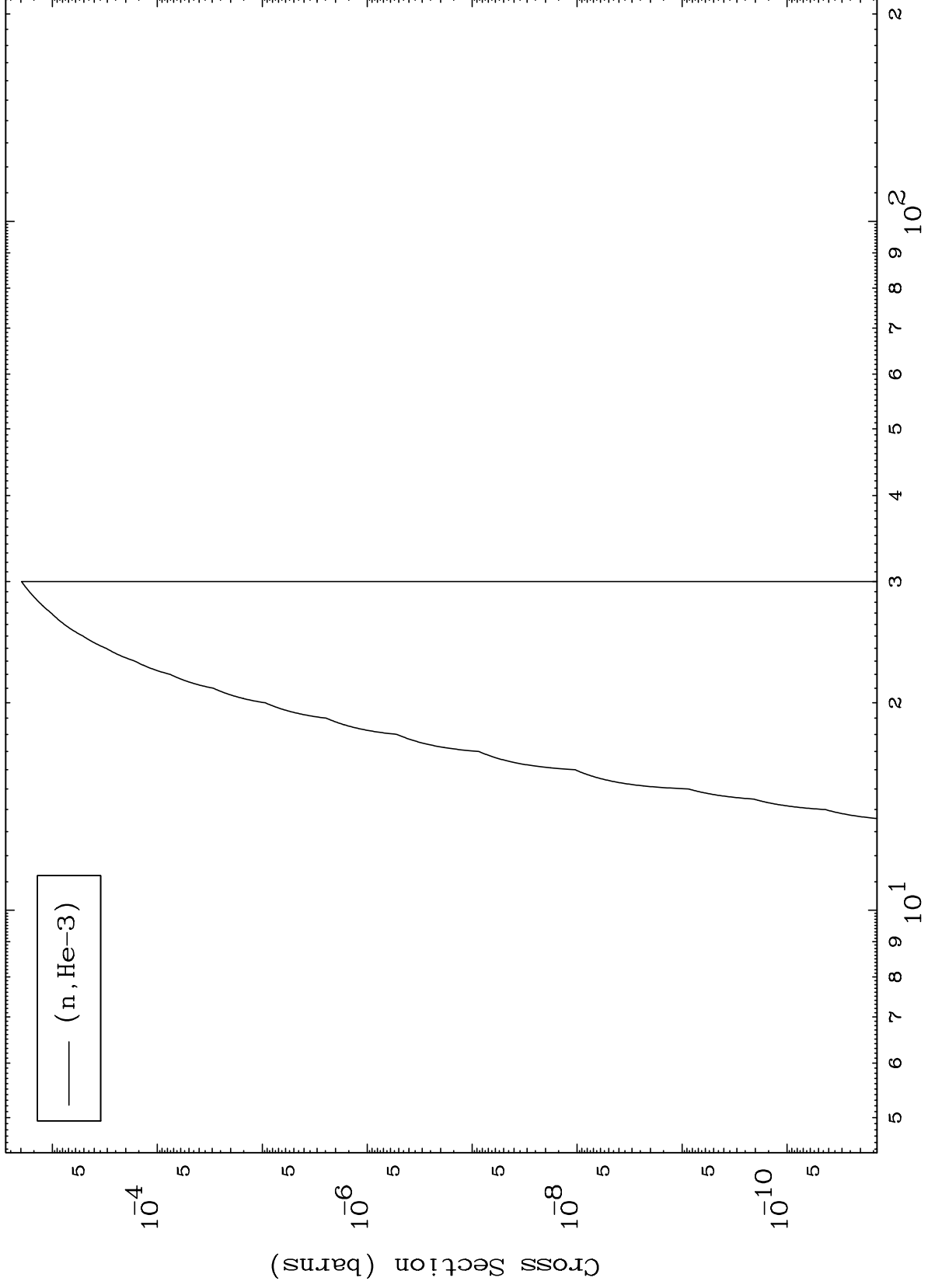
Incident Energy (MeV)

56-Ba-131

MAT 5629

(n,He3) Levels
293 Kelvin Cross Sections

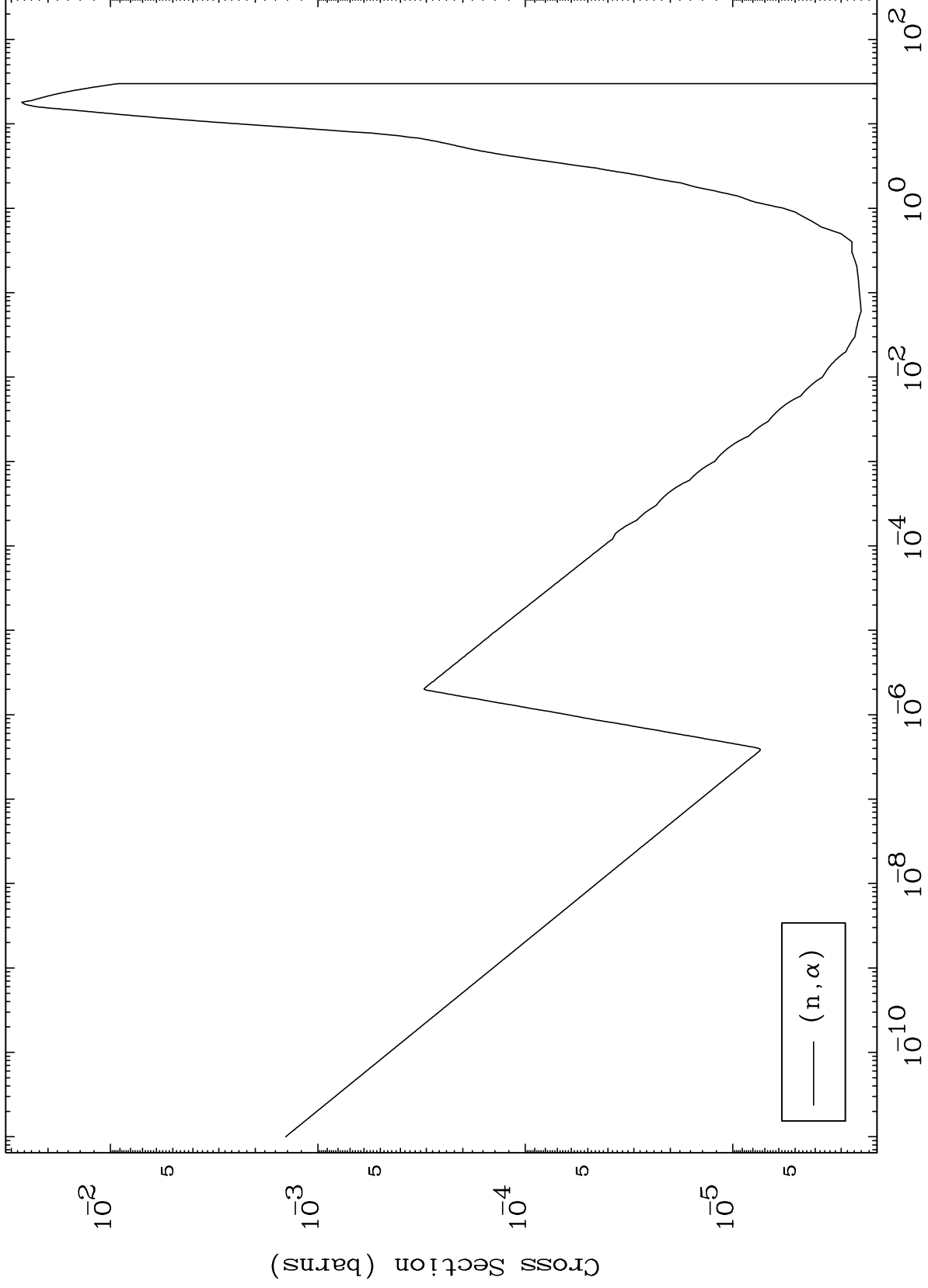
56-Ba-131



MAT 5629

(n, α) Levels
293 Kelvin Cross Sections

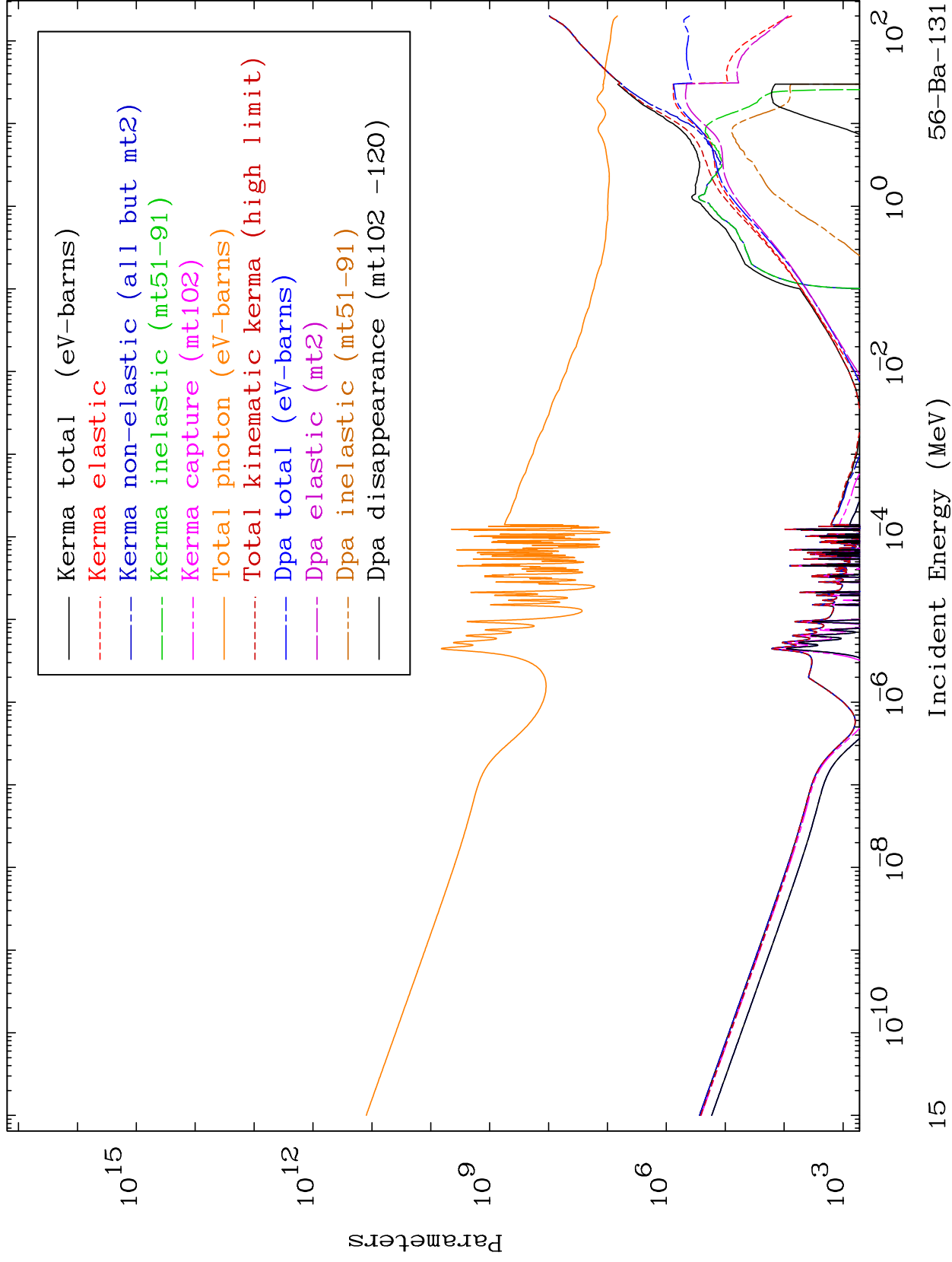
56-Ba-131

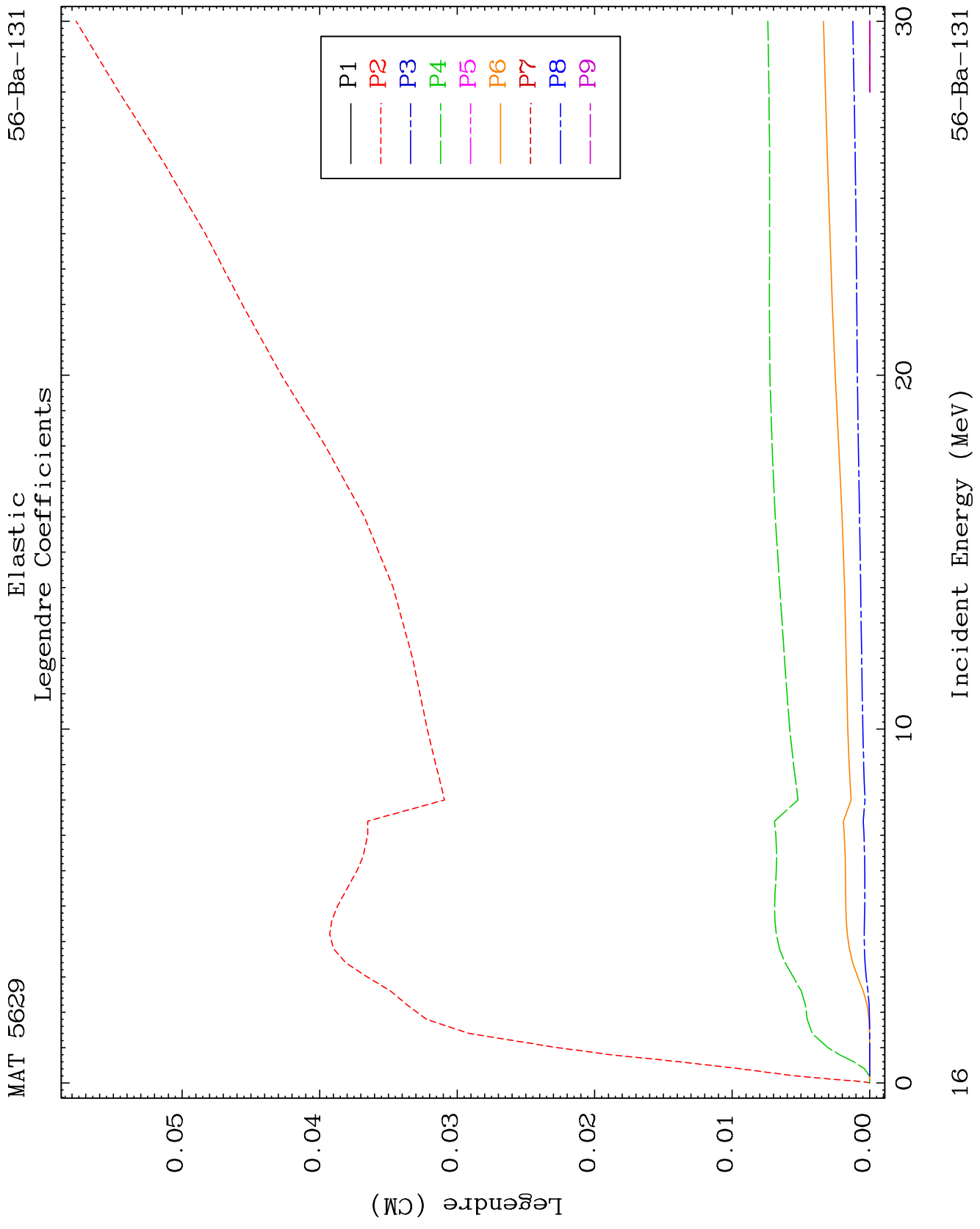


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Incident Energy (MeV)

56-Ba-131

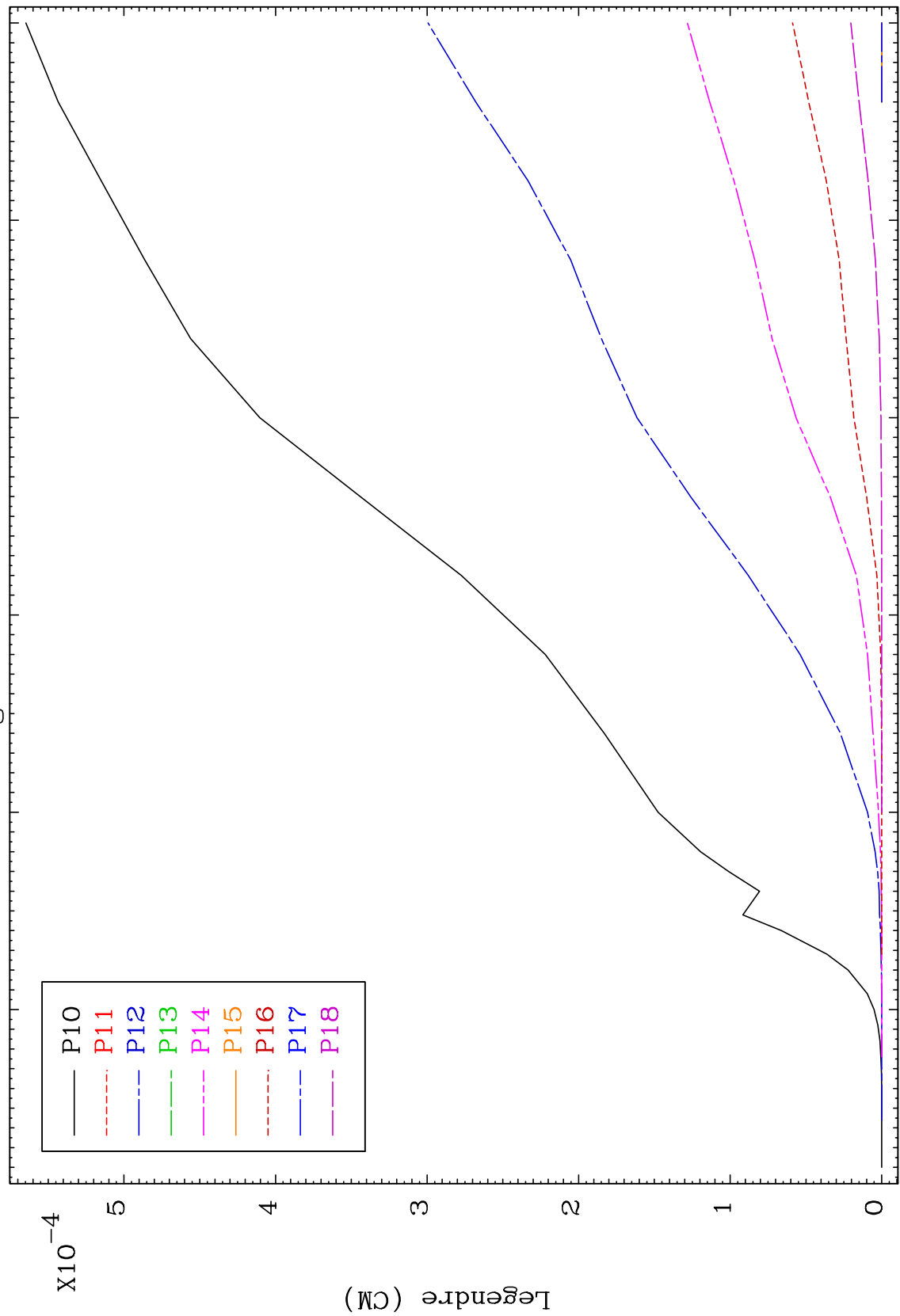




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Elastic Legendre Coefficients

56-Ba-131



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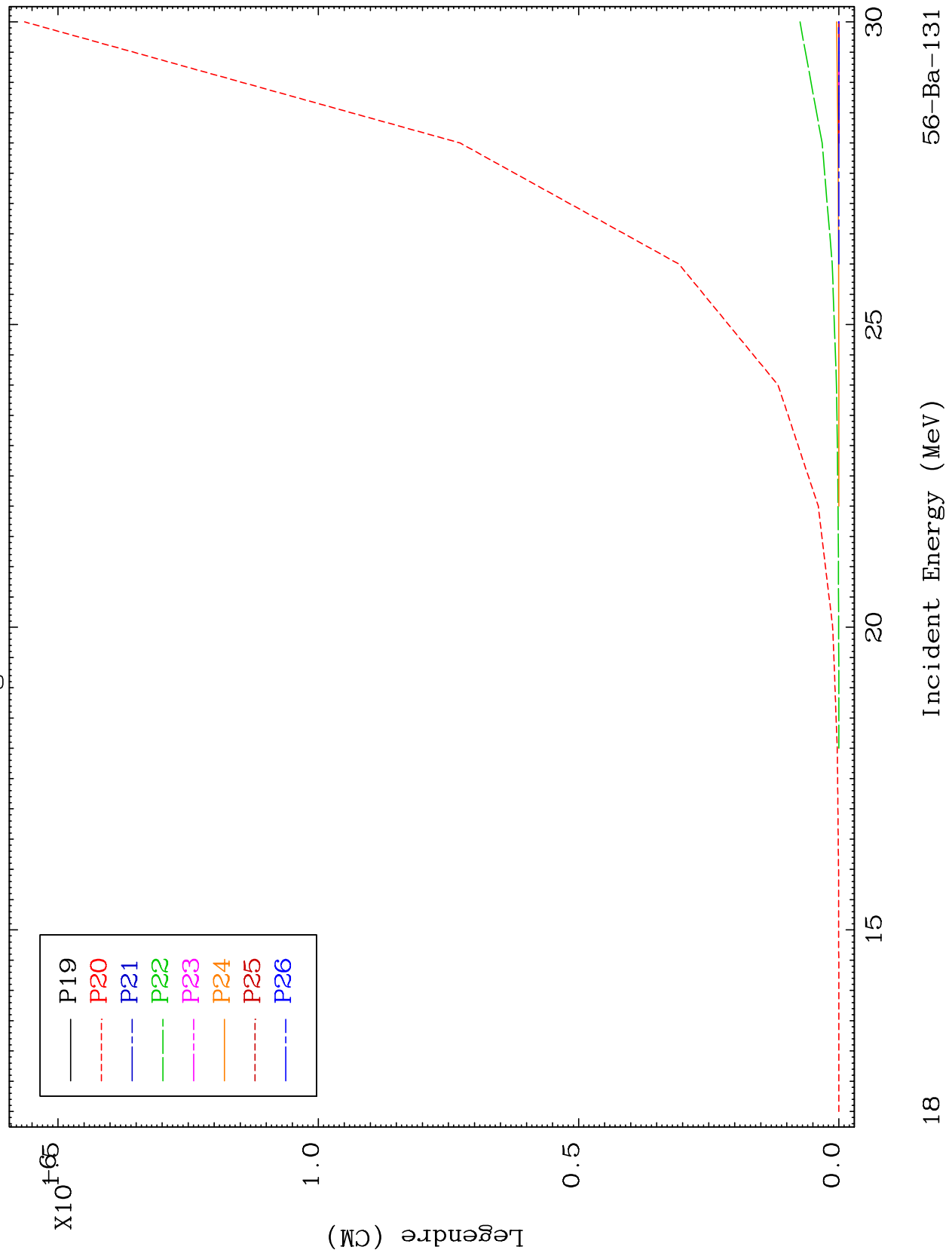
56-Ba-131

Incident Energy (MeV)

MAT 5629

Elastic Legendre Coefficients

56-Ba-131



18

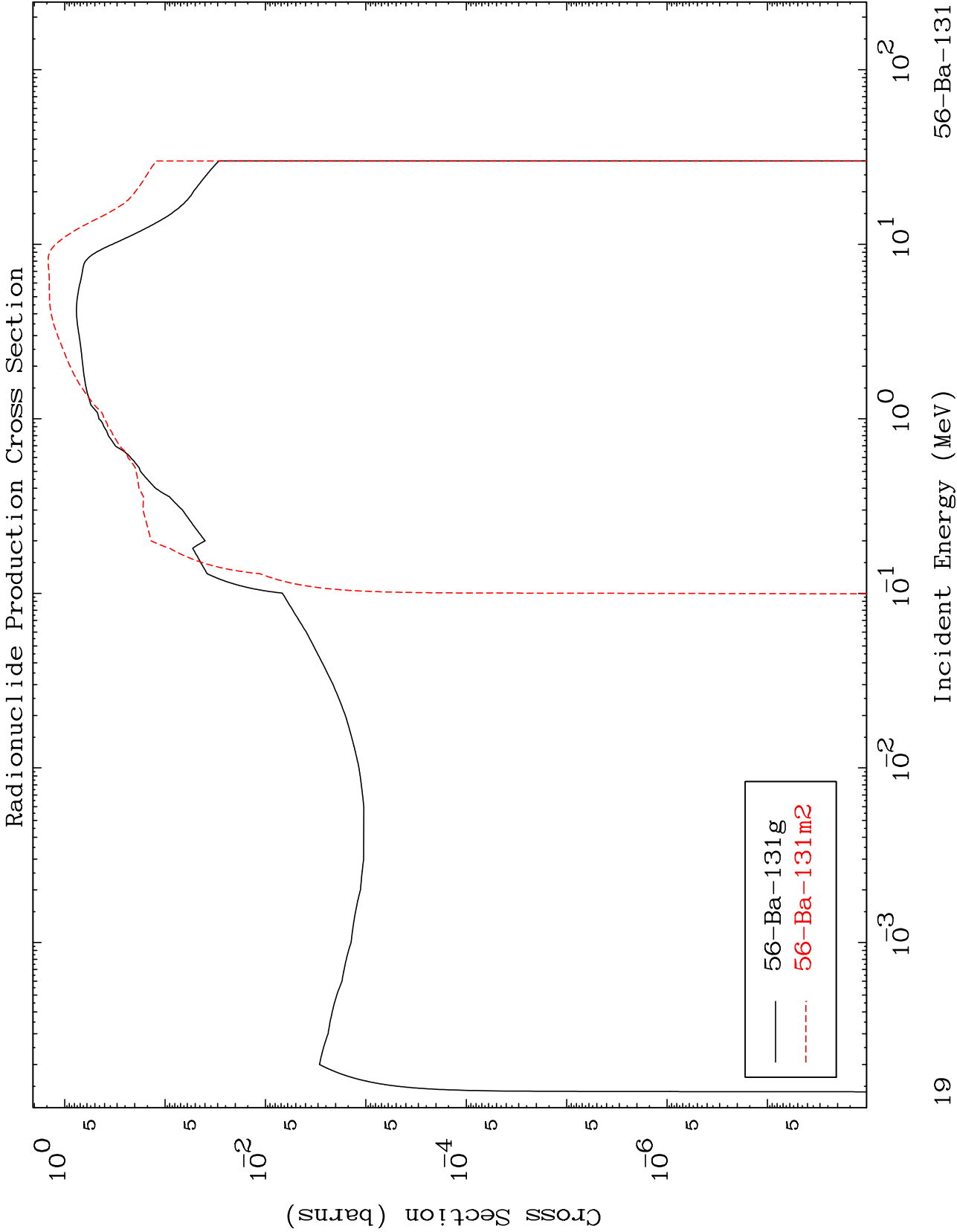
Incident Energy (MeV)

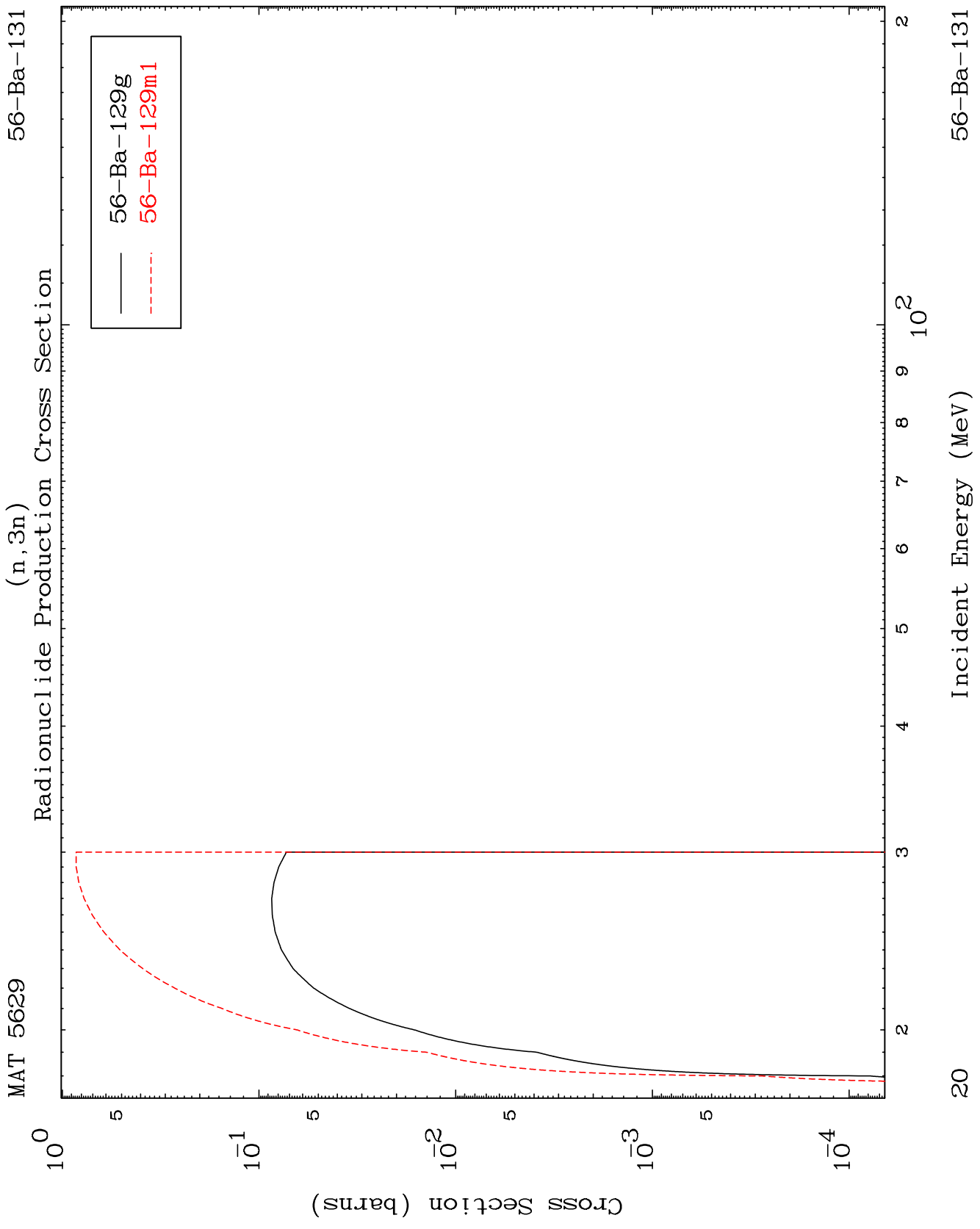
56-Ba-131

MAT 5629

56-Ba-131

Inelastic
Radionuclide Production Cross Section



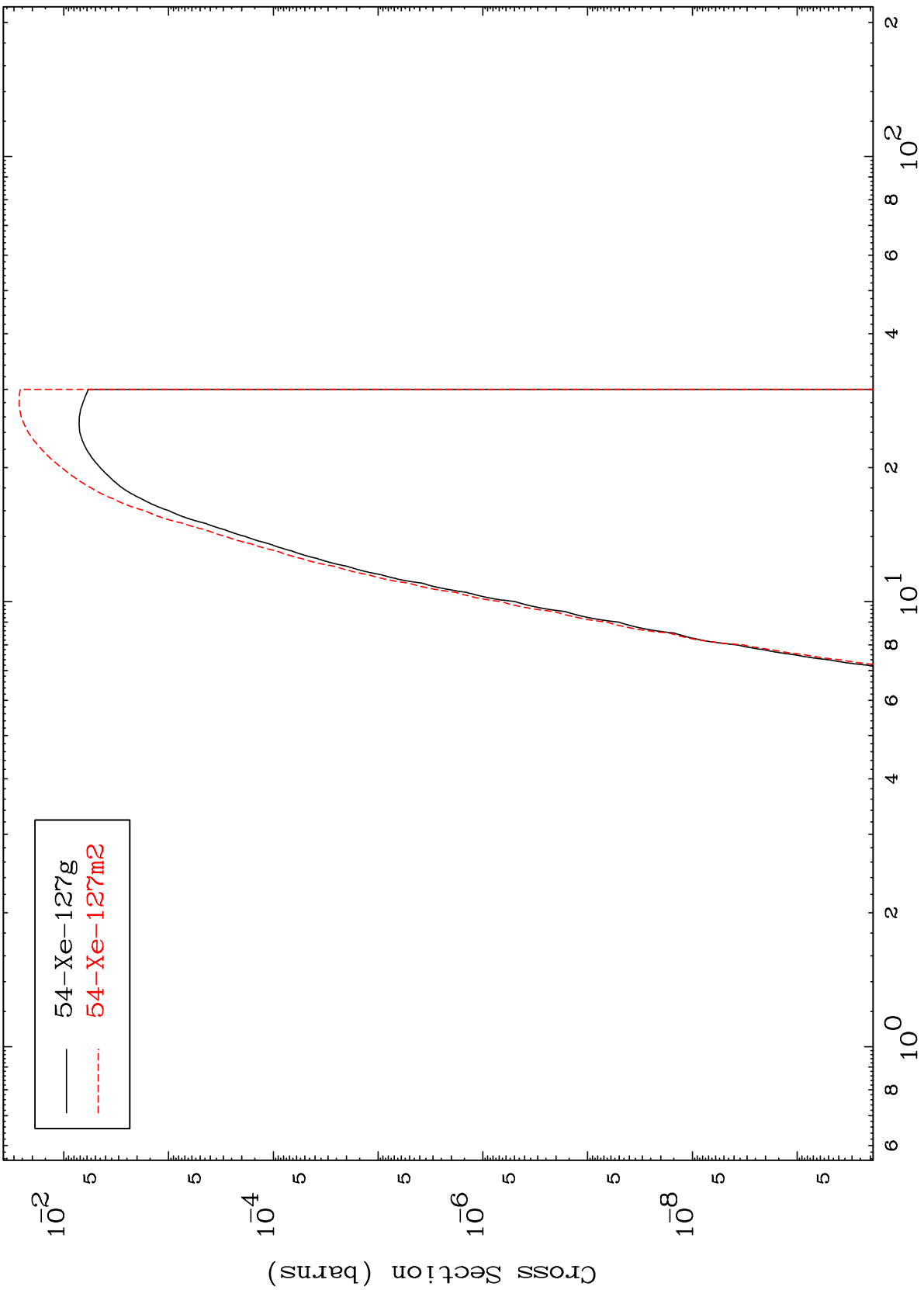


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(n,n') α

56-Ba-131

Radionuclide Production Cross Section

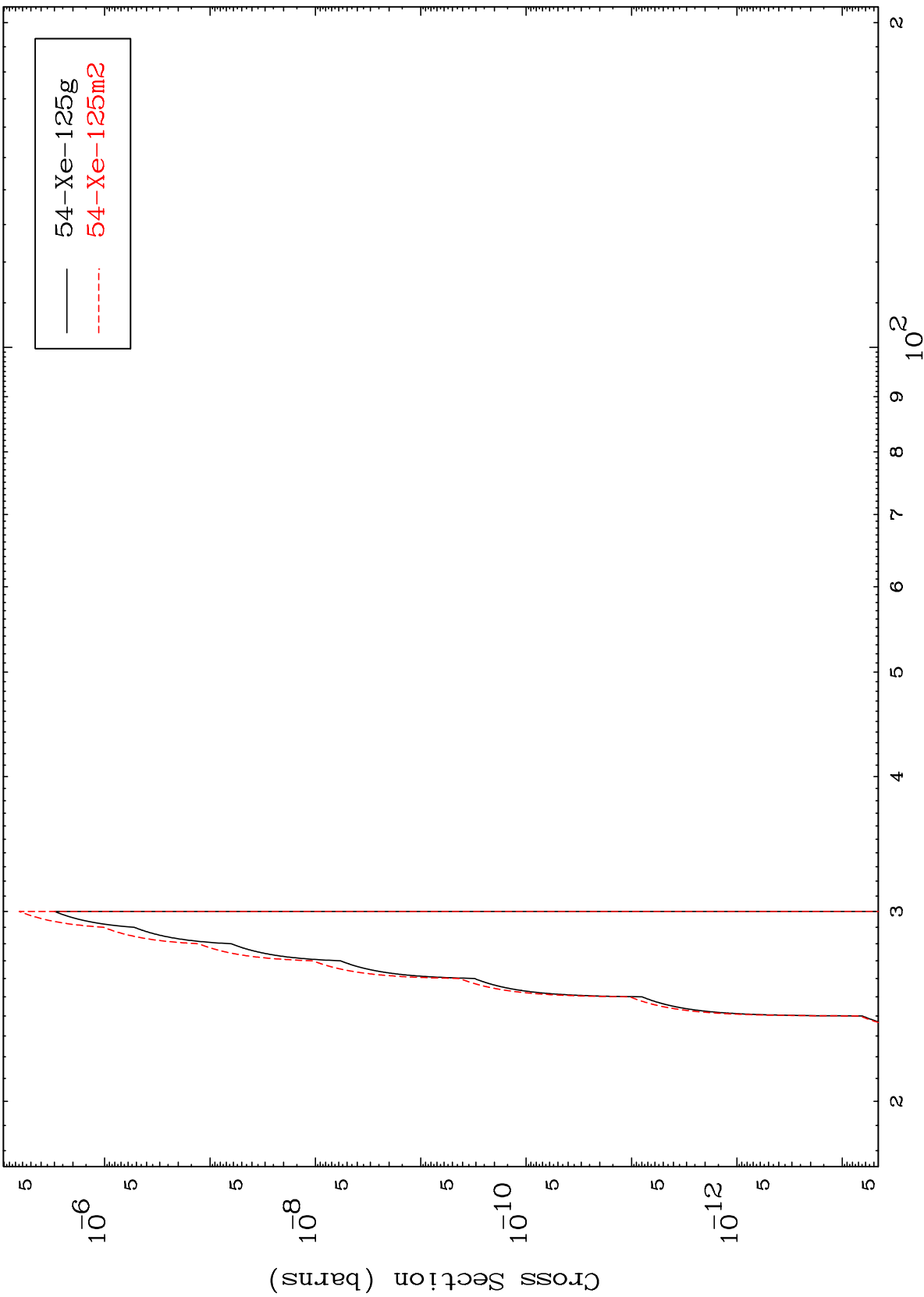


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Incident Energy (MeV)

56-Ba-131

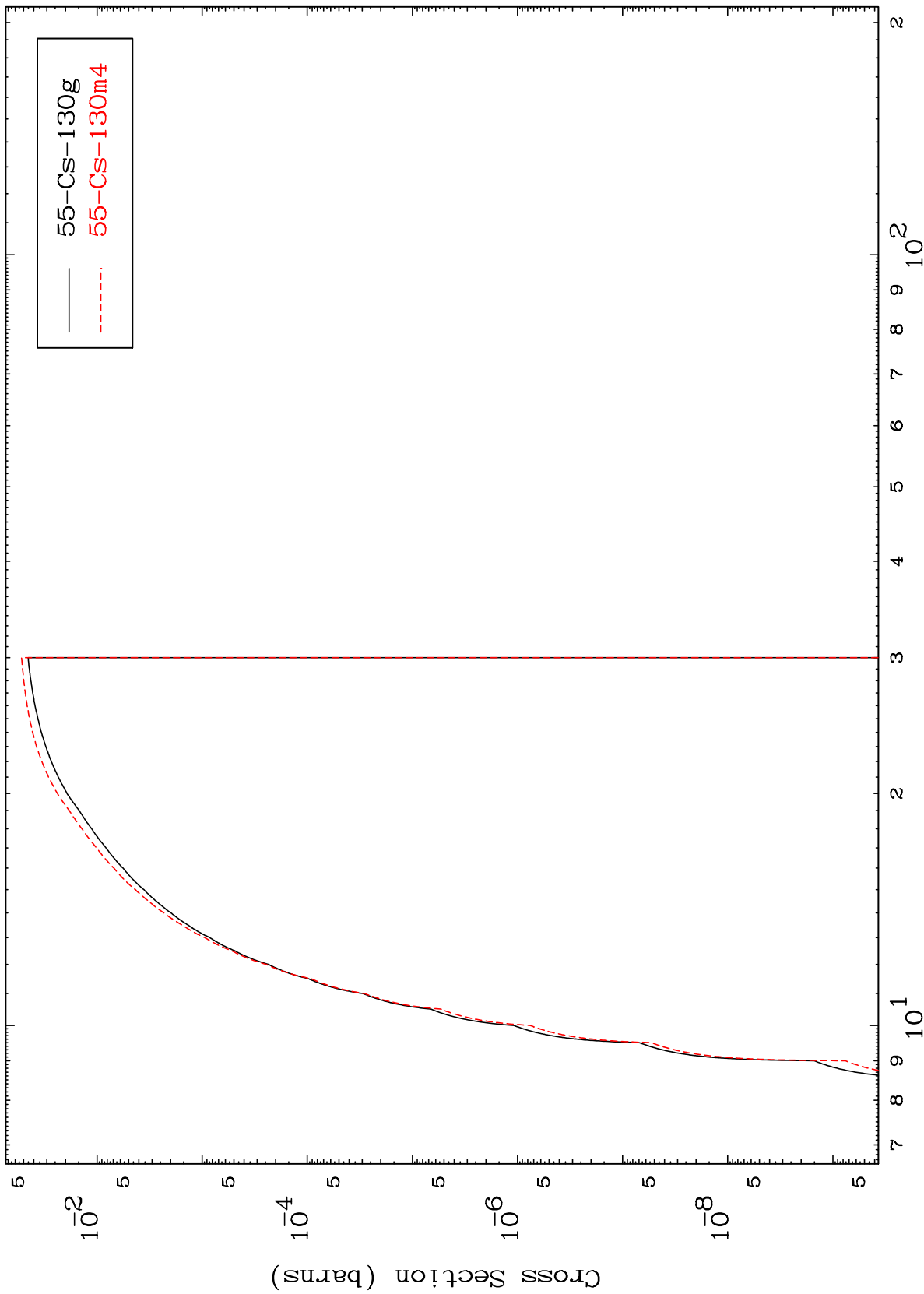
Radionuclide Production Cross Section



MAT 5629

56-Ba-131

(n, n') p
Radionuclide Production Cross Section



56-Ba-131

Incident Energy (MeV)

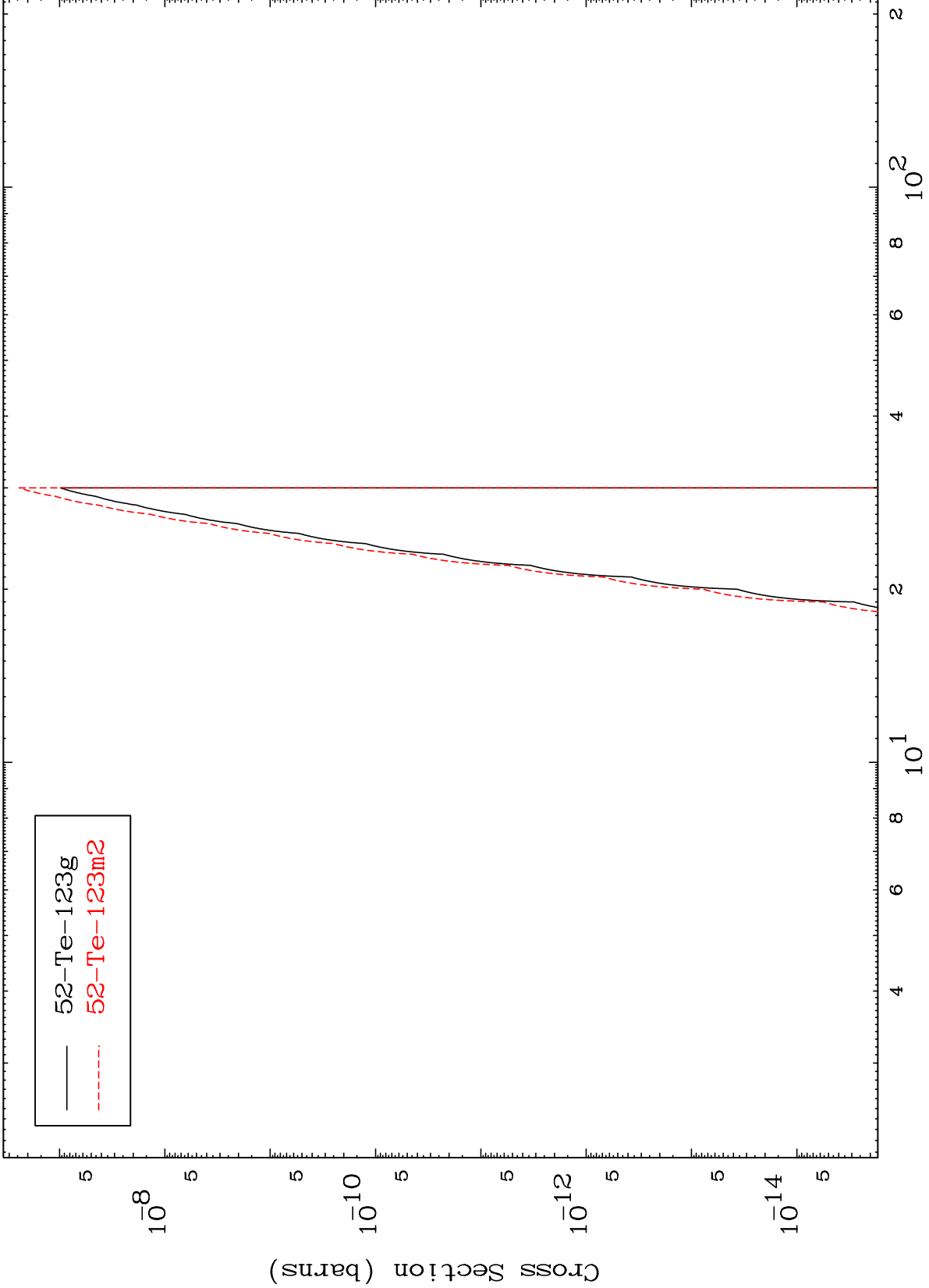
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(n,n') 2α

56-Ba-131

Radionuclide Production Cross Section



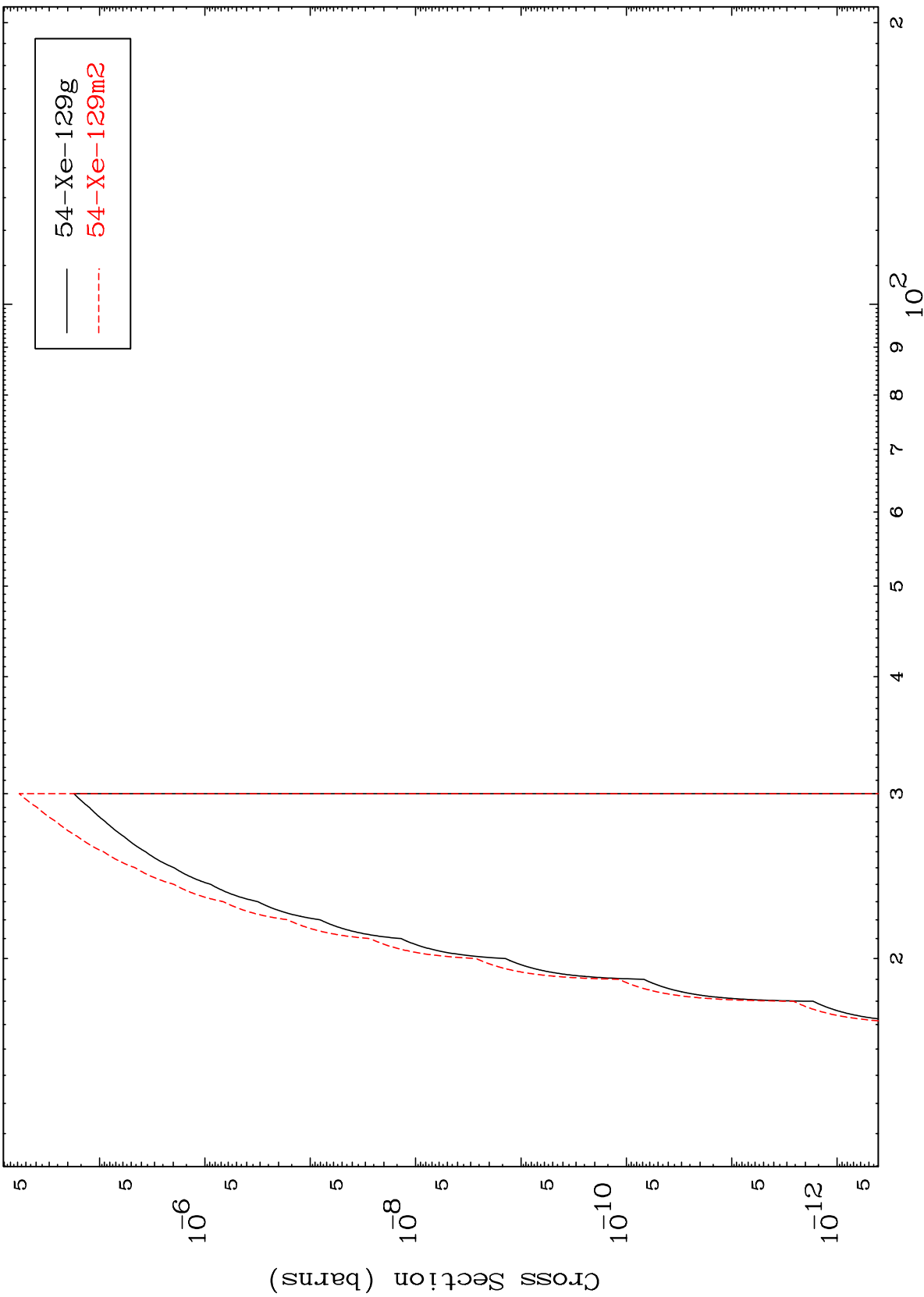
52-Te-123g
52-Te-123m2

24

Incident Energy (MeV)

56-Ba-131

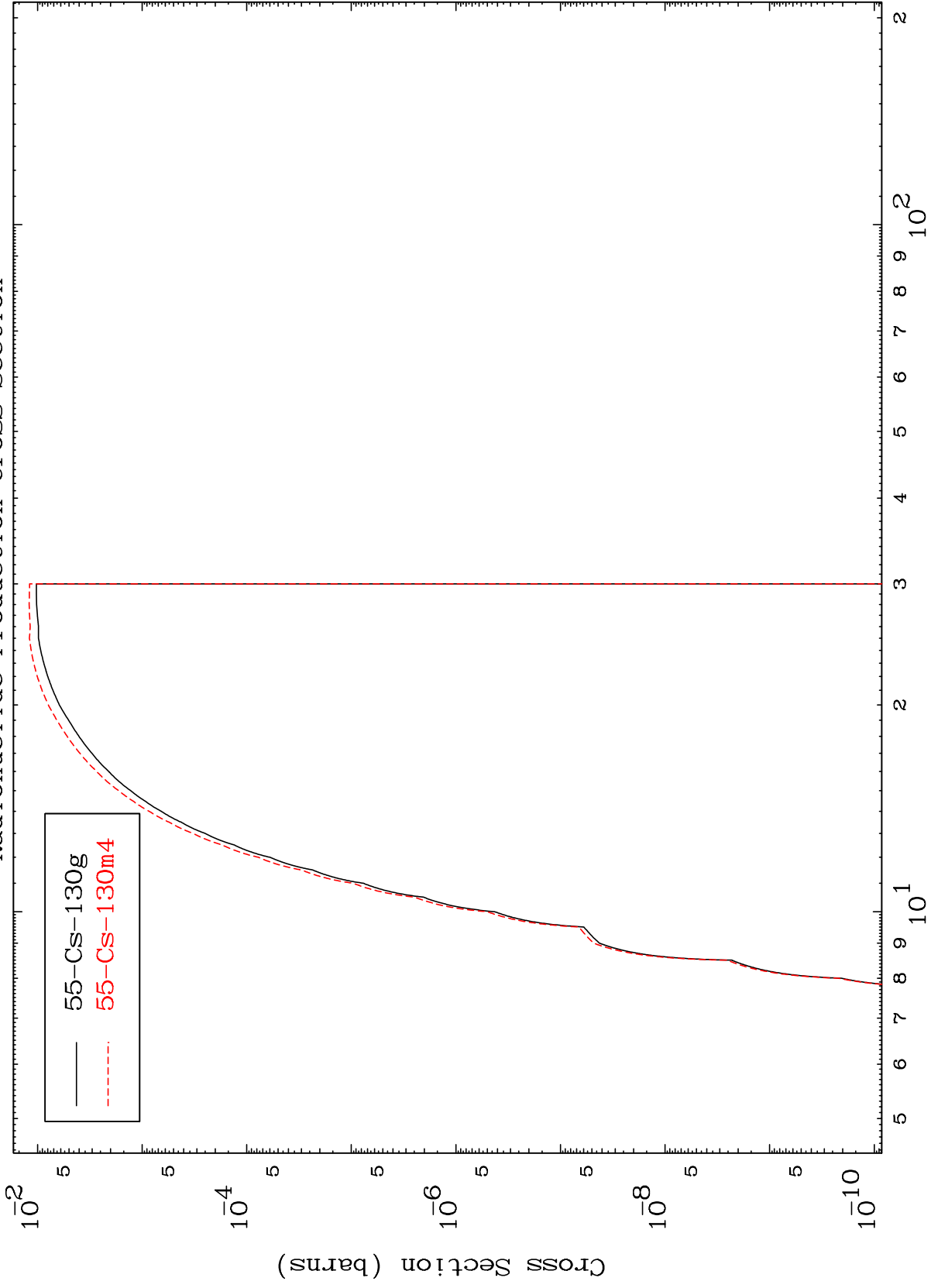
Radionuclide Production Cross Section



MAT 5629

56-Ba-131

(n,d)
Radionuclide Production Cross Section



55-Cs-130g
55-Cs-130m4

Incident Energy (MeV)

56-Ba-131

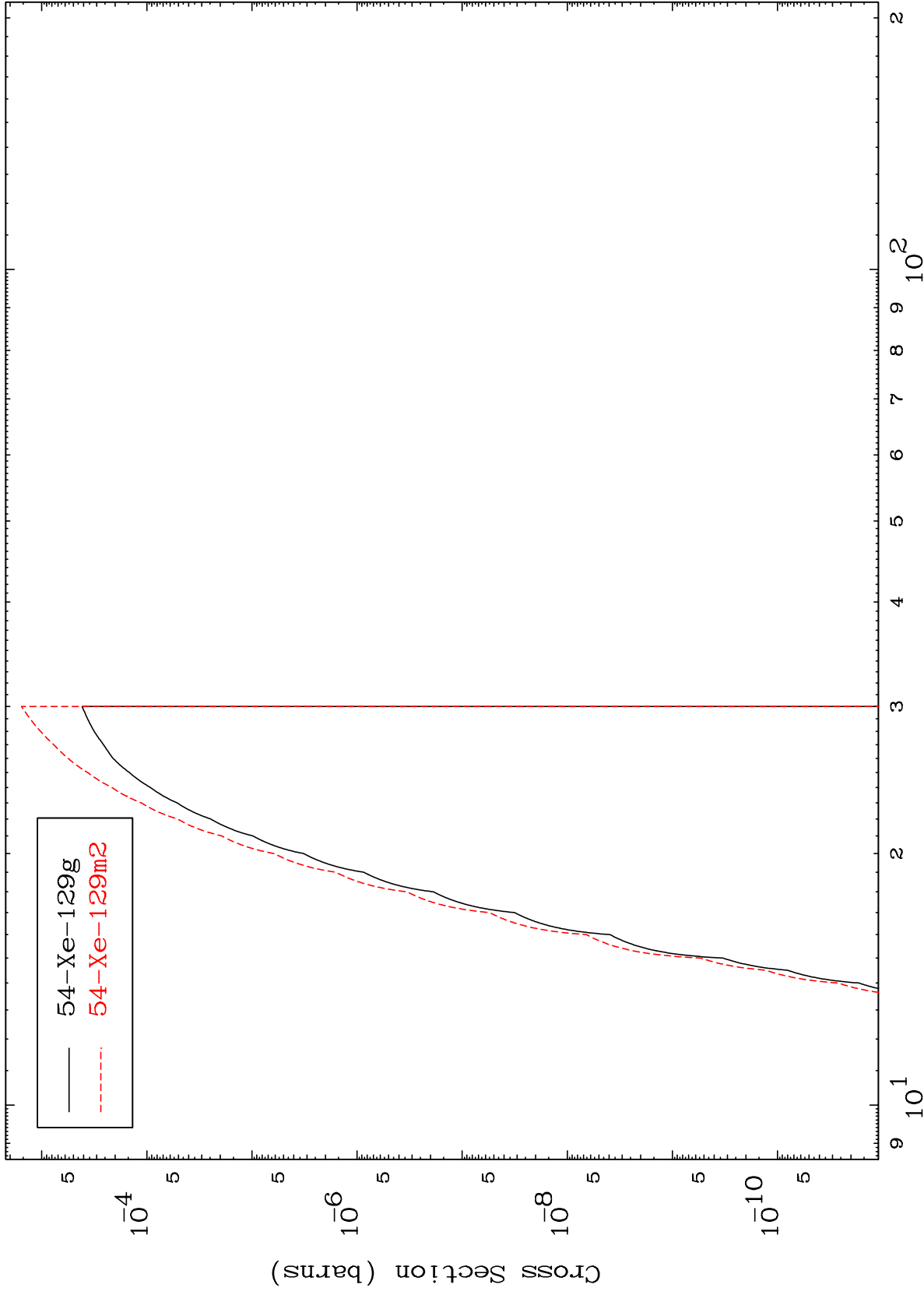
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(n,He-3)

56-Ba-131

Radionuclide Production Cross Section



27

Incident Energy (MeV)

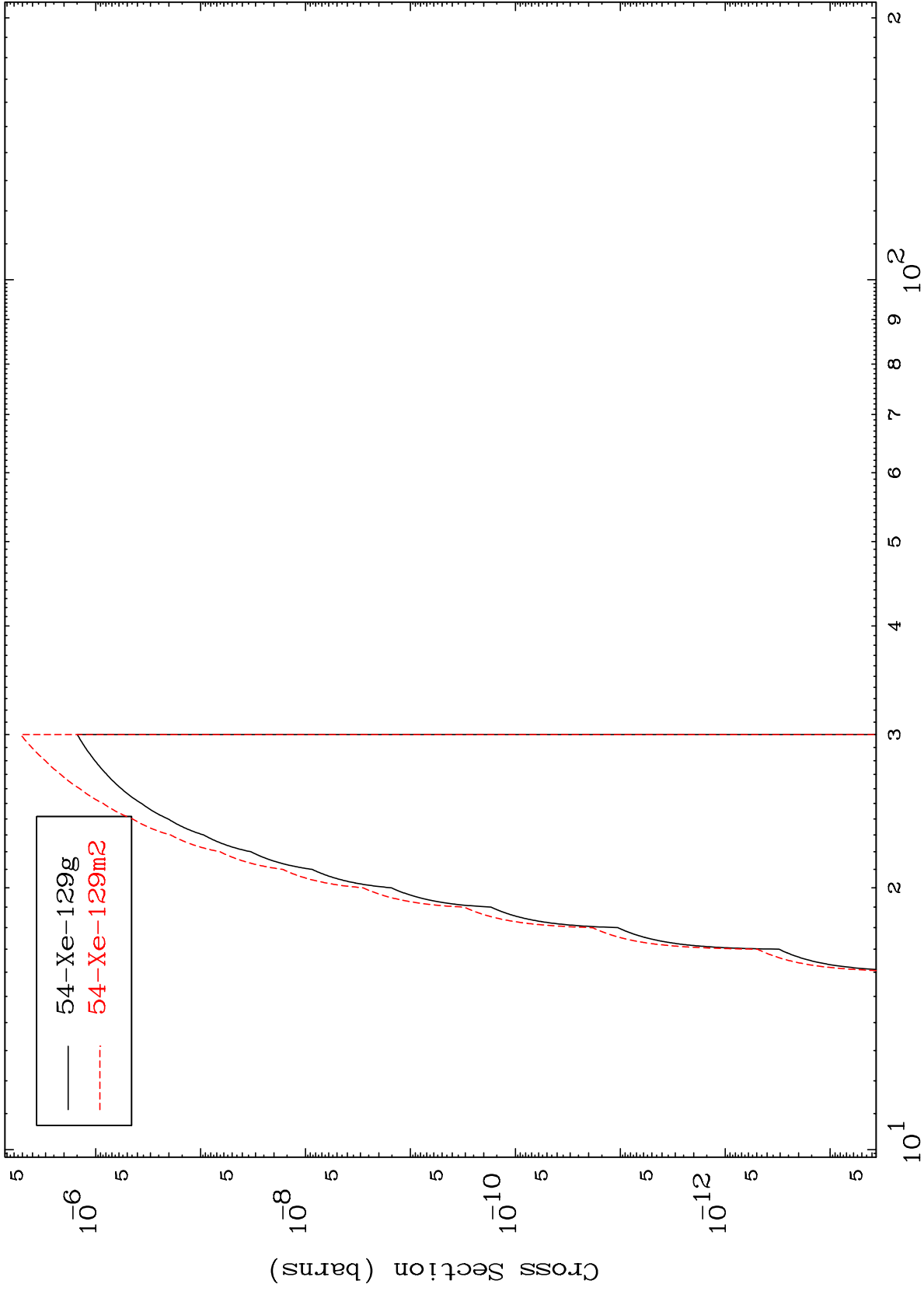
56-Ba-131

MAT 5629

(n,p) d

56-Ba-131

Radionuclide Production Cross Section



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Incident Energy (MeV)

56-Ba-131