

Program EVALPLOT
(Version 2018-1)

by

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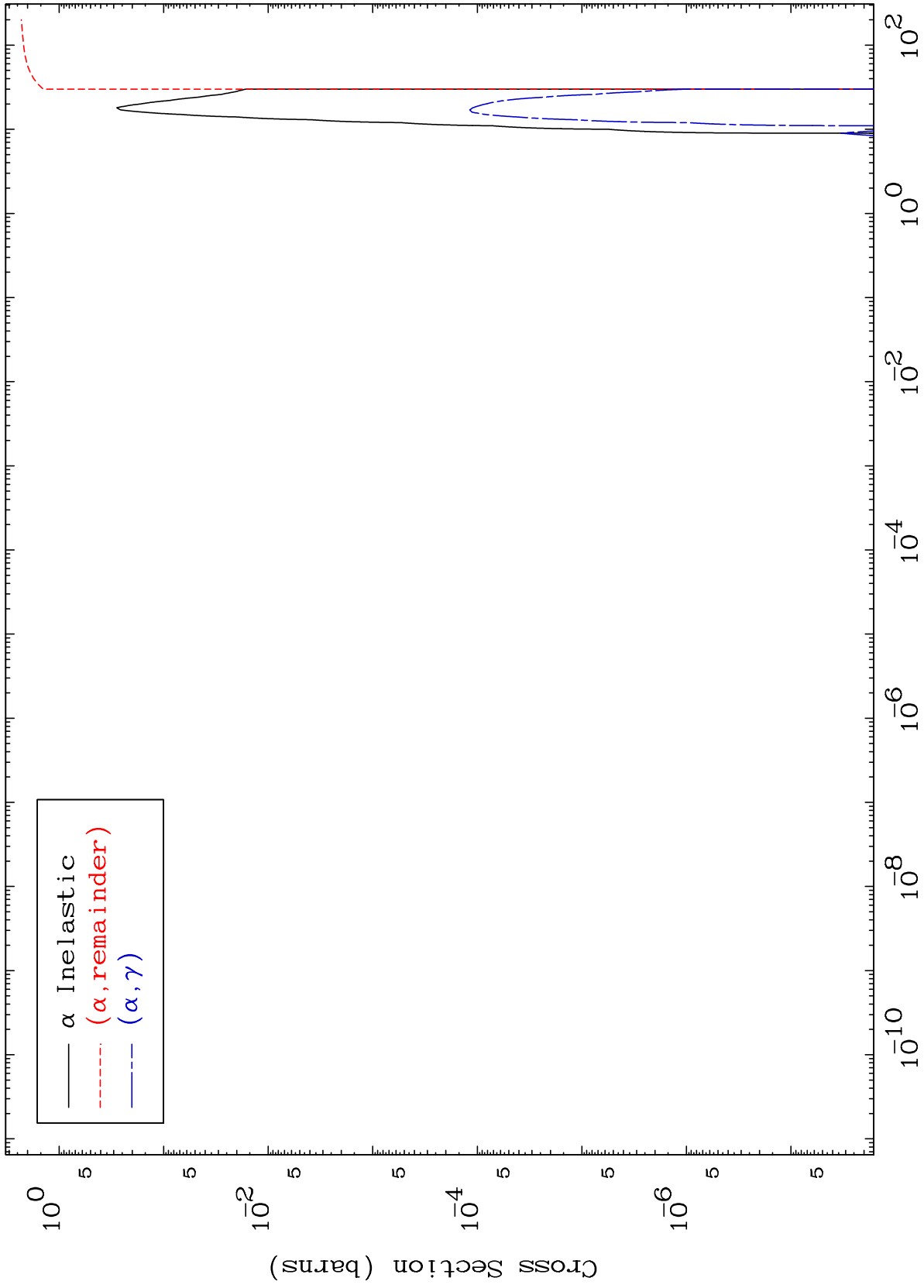
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5519

0 Kelvin α Major
Cross Sections

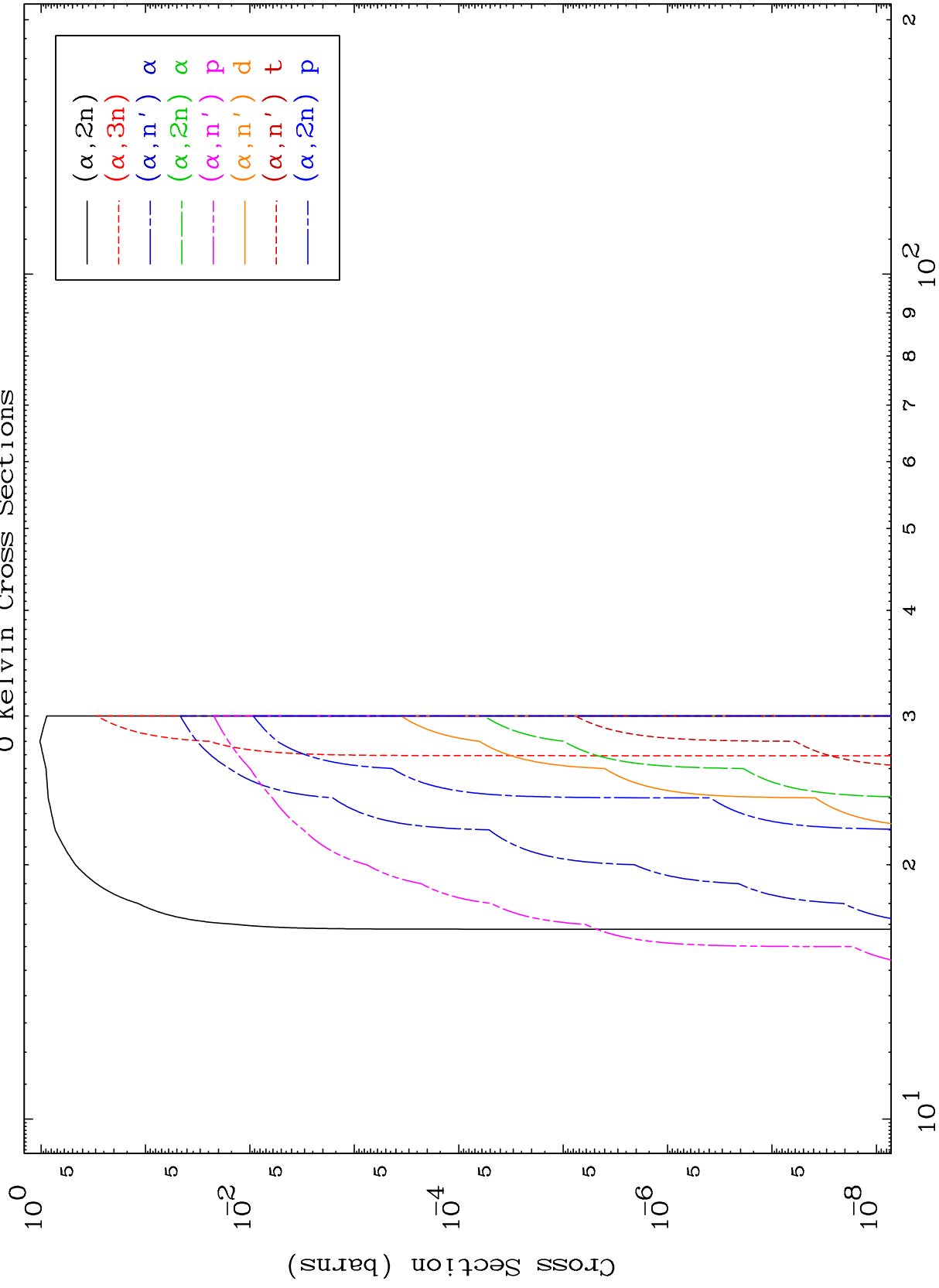
55-Cs-131



MAT 5519

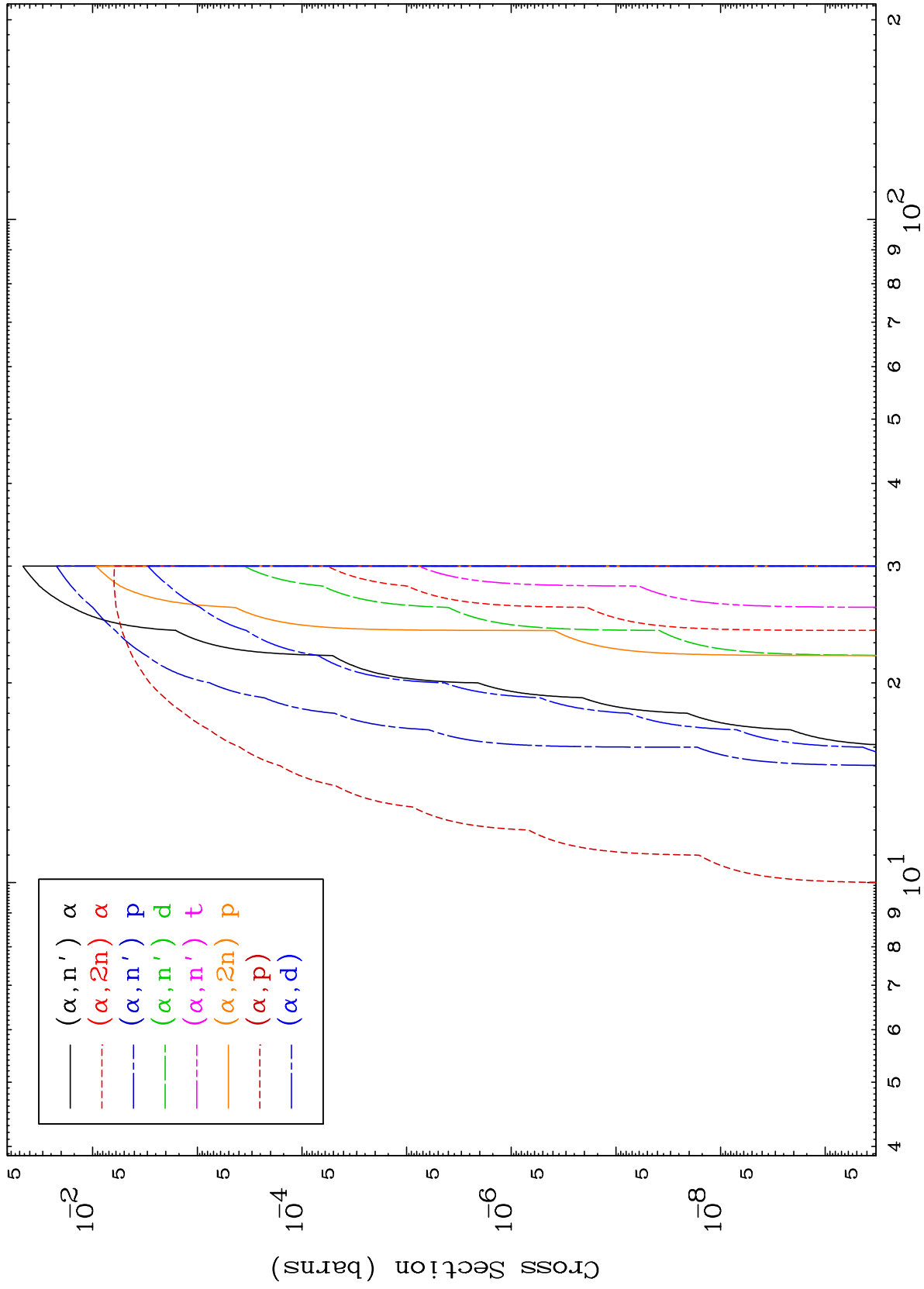
α Neutron Production
0 Kelvin Cross Sections

55-Cs-131



Incident Energy (MeV)

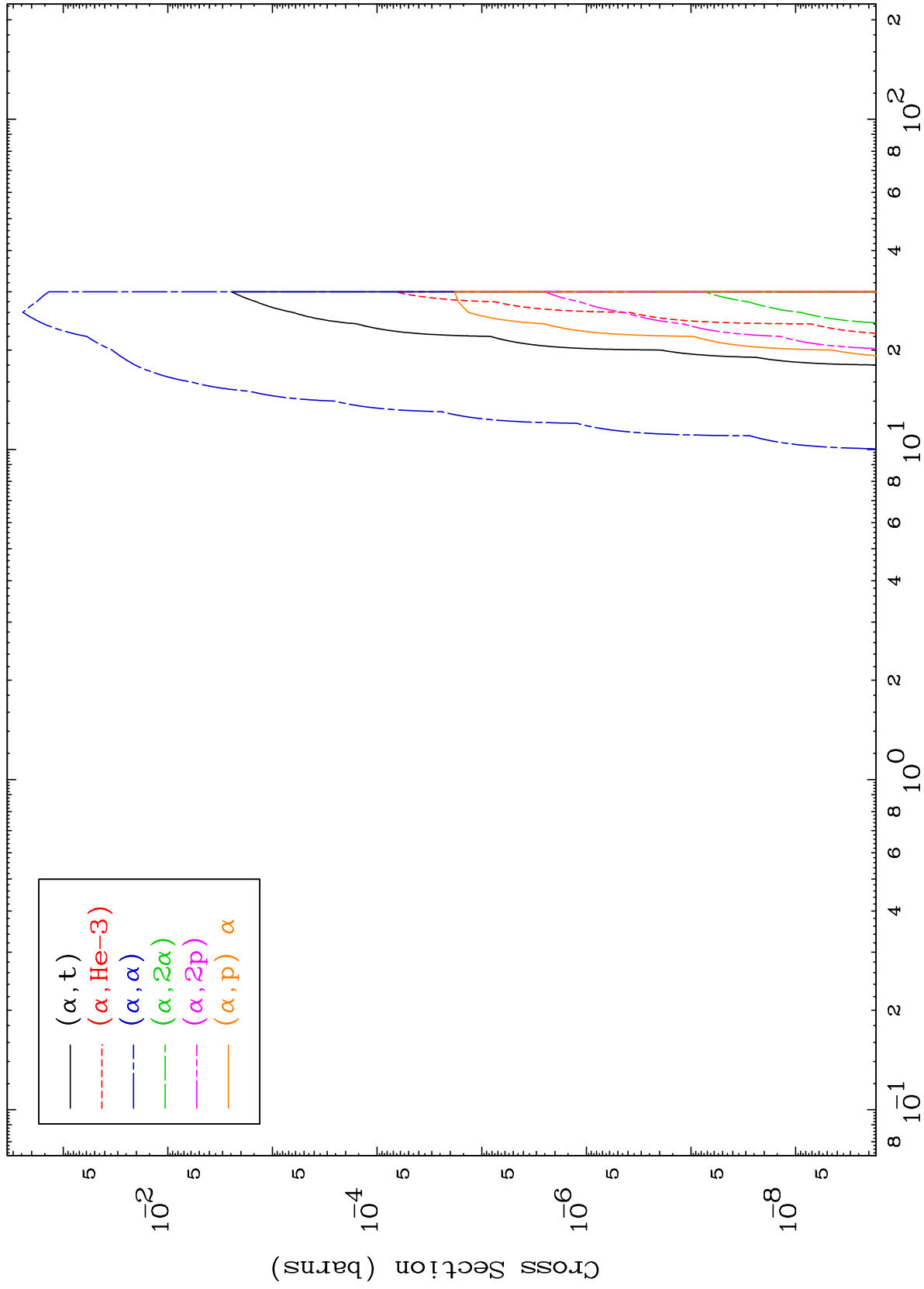
55-Cs-131



MAT 5519

α Charged Particle
0 Kelvin Cross Sections

55-Cs-131



4

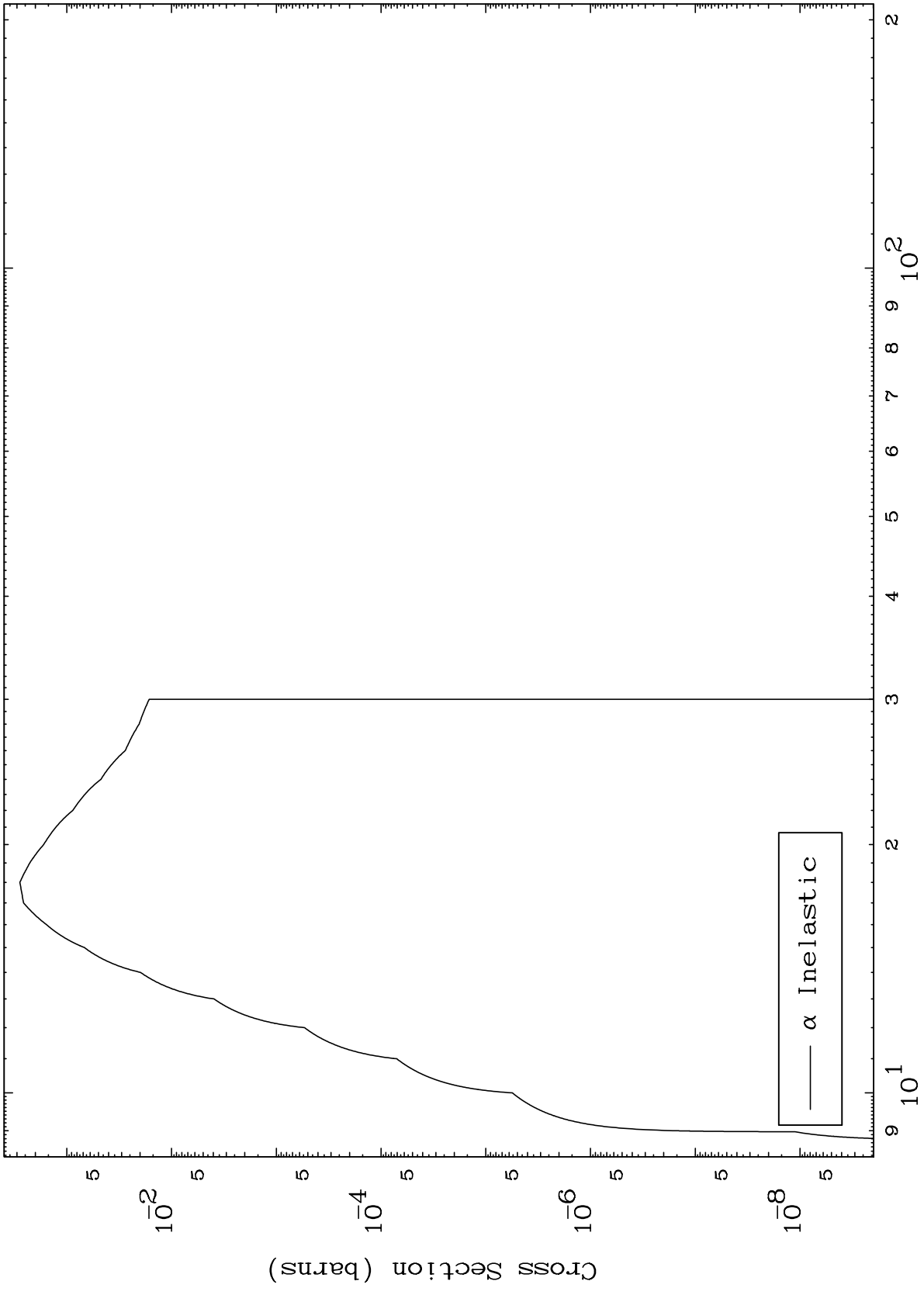
Incident Energy (MeV)

55-Cs-131

MAT 5519

(α, n') Level
0 Kelvin Cross Sections

55-Cs-131



5

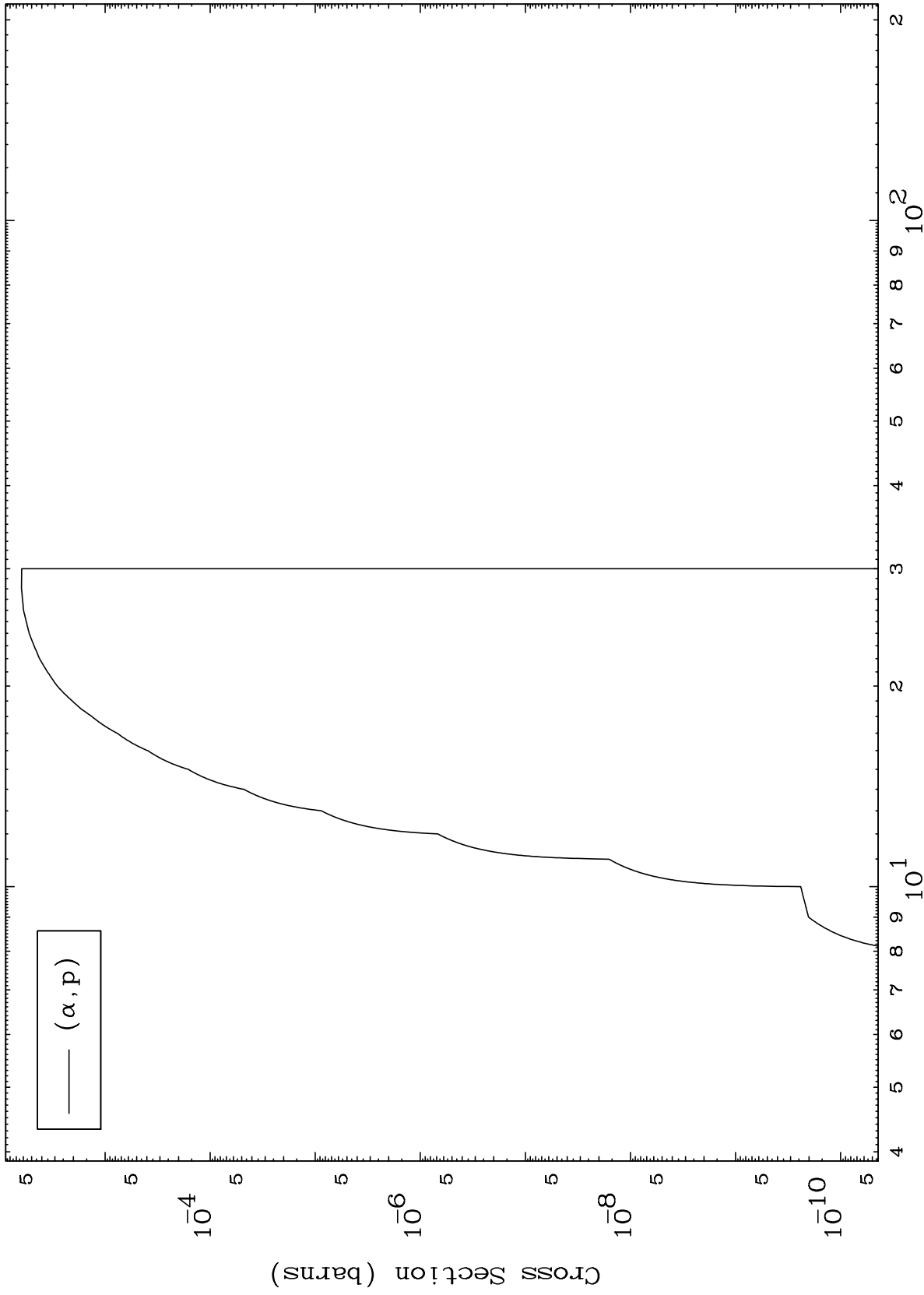
Incident Energy (MeV)

55-Cs-131

MAT 5519

(α, p) Levels
0 Kelvin Cross Sections

55-Cs-131



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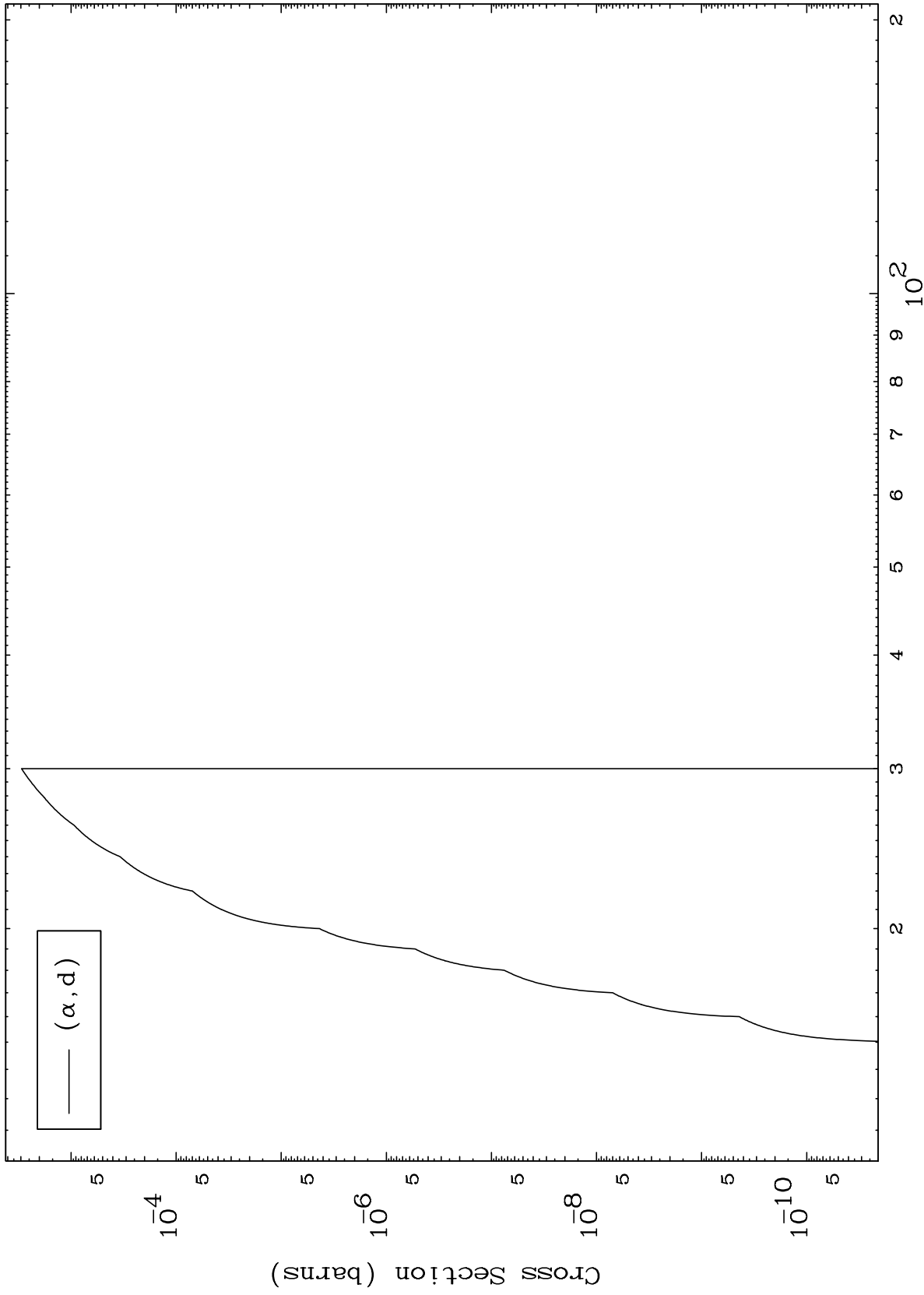
Incident Energy (MeV)

55-Cs-131

MAT 5519

(α, d) Levels
0 Kelvin Cross Sections

55-Cs-131



7

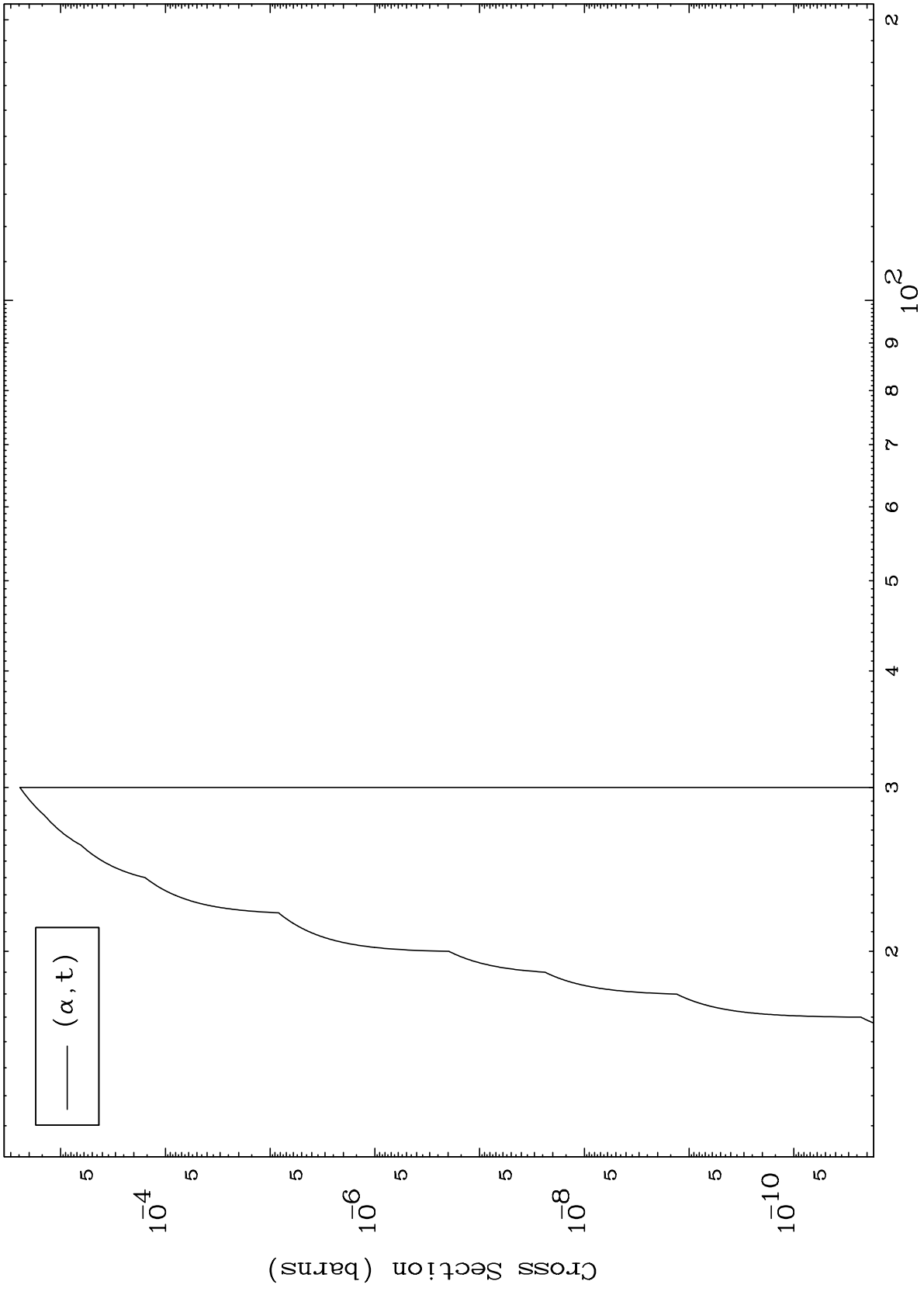
Incident Energy (MeV)

55-Cs-131

MAT 5519

(α, t) Levels
0 Kelvin Cross Sections

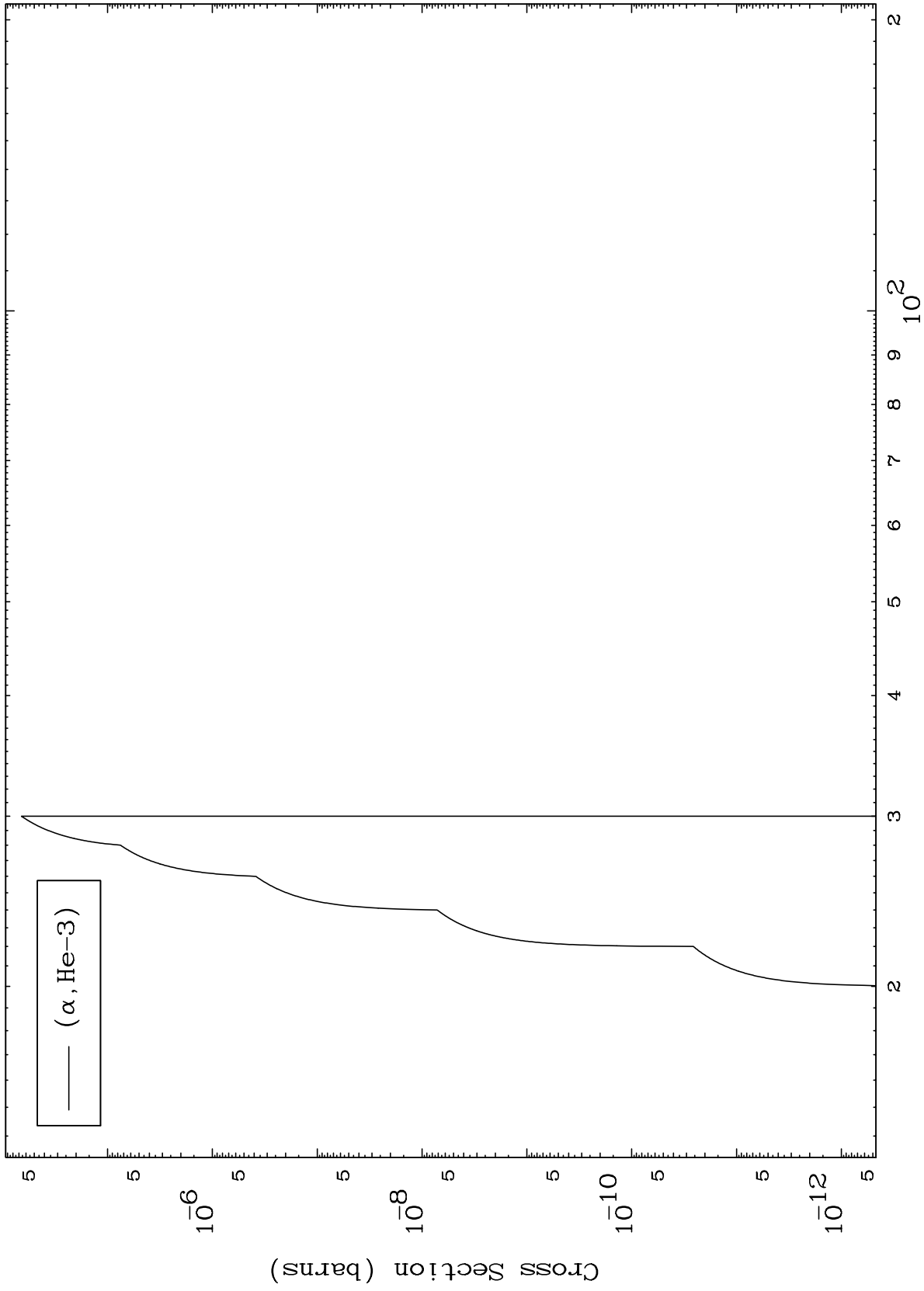
55-Cs-131



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Incident Energy (MeV)

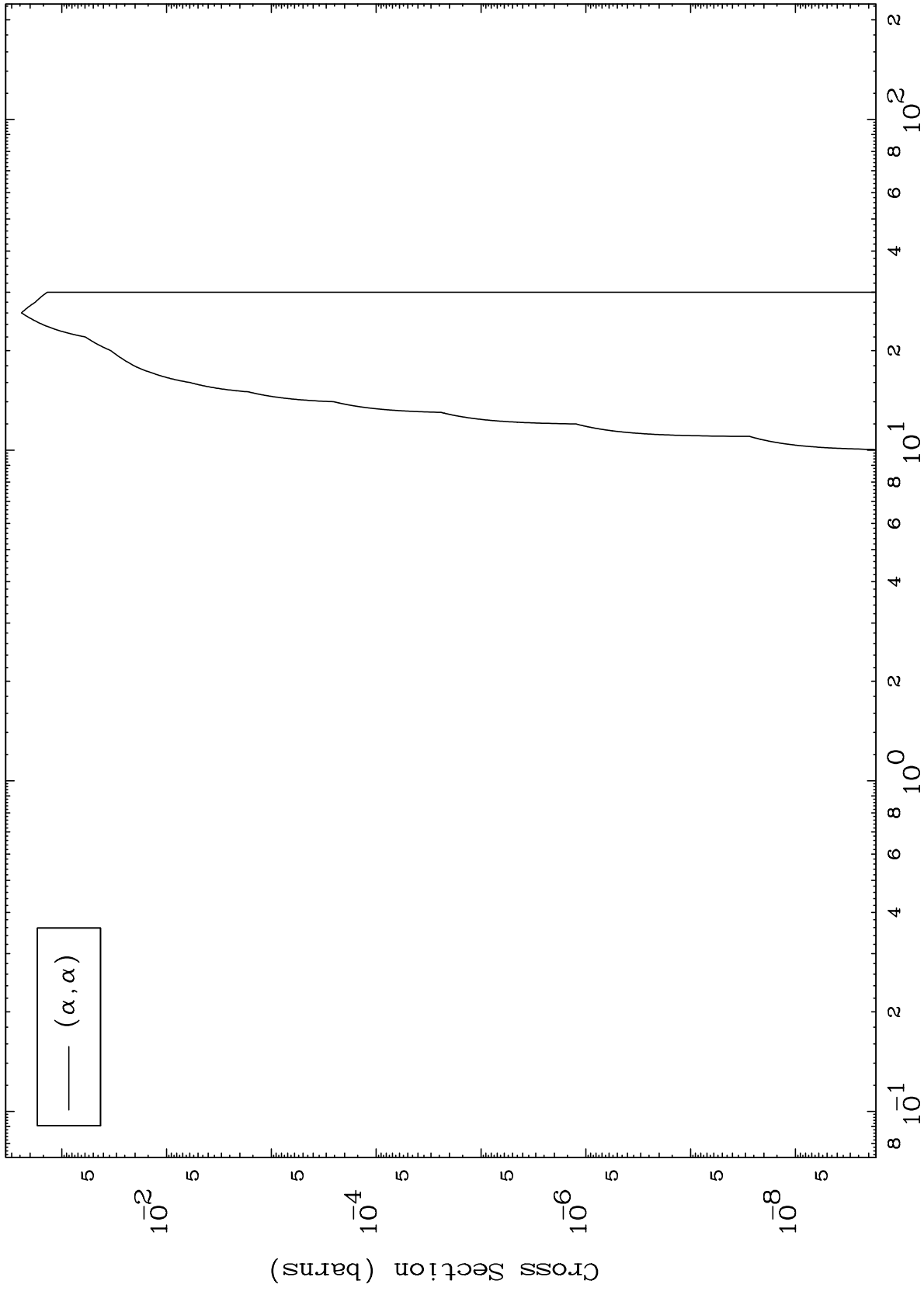
55-Cs-131



MAT 5519

(α, α) Levels
0 Kelvin Cross Sections

55-Cs-131



10

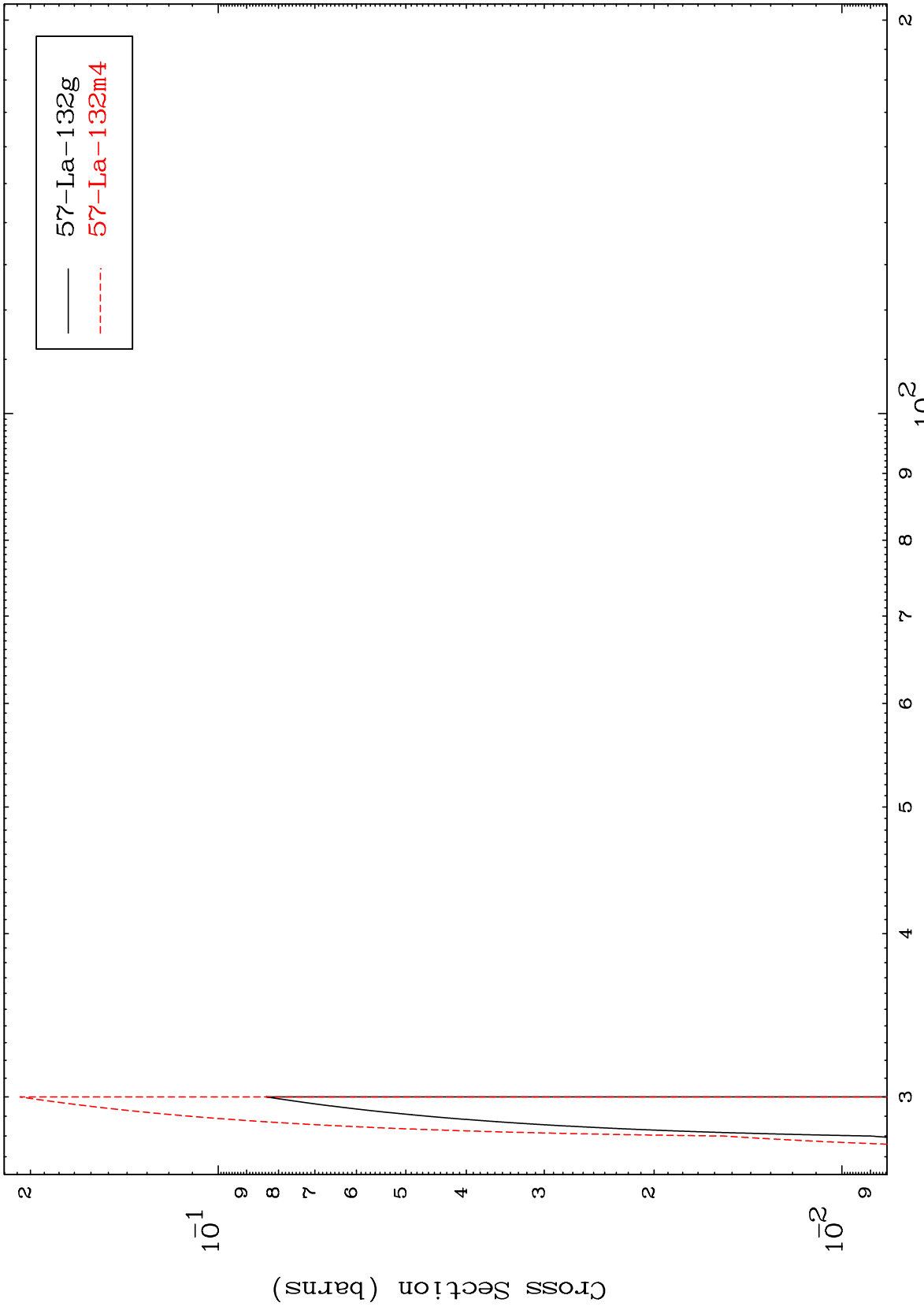
Incident Energy (MeV)

55-Cs-131

MAT 5519

55-Cs-131

($\alpha, 3n$)
Radionuclide Production Cross Section



11

Incident Energy (MeV)

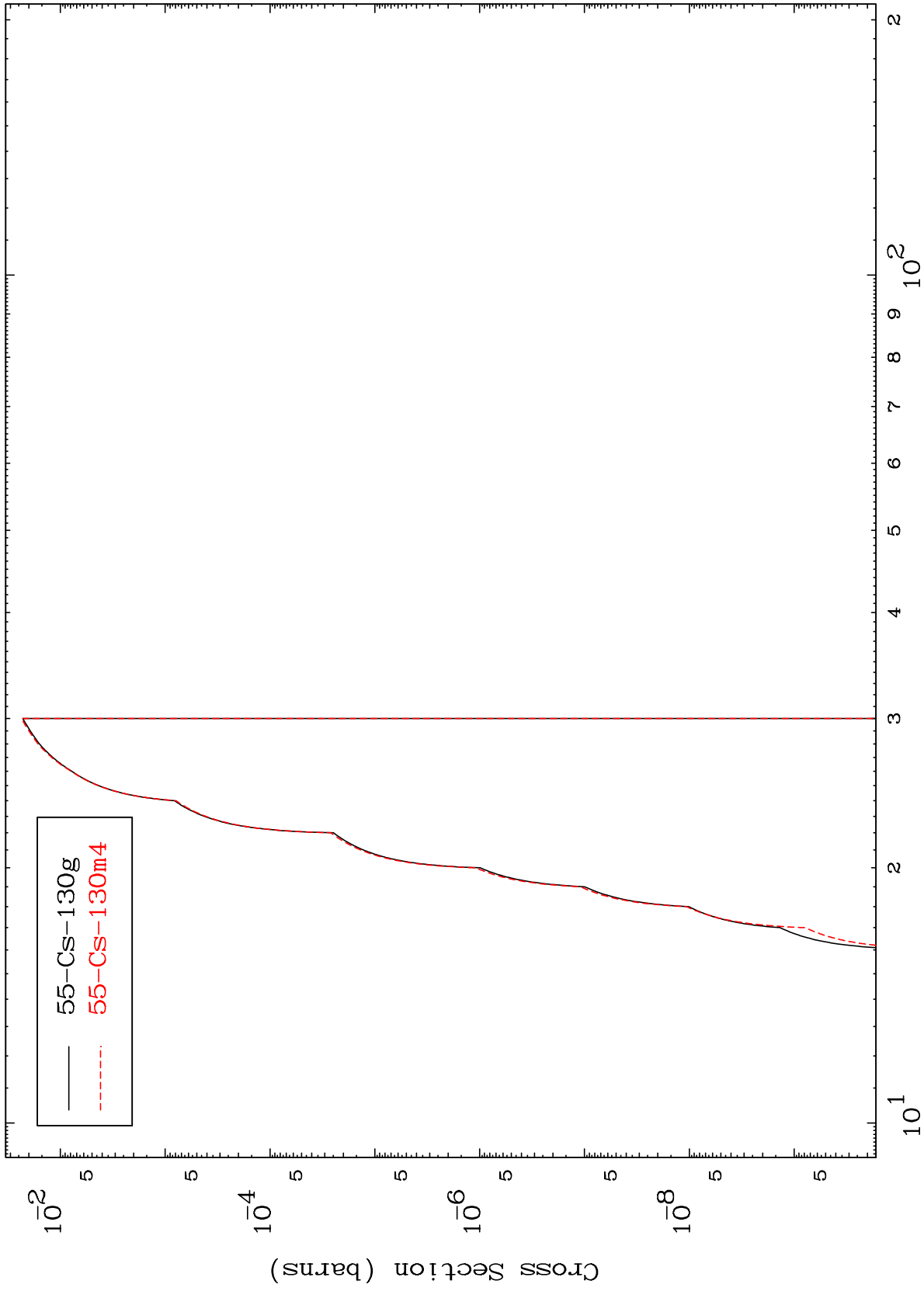
55-Cs-131

MAT 5519

(α, n') α

55-Cs-131

Radionuclide Production Cross Section



12

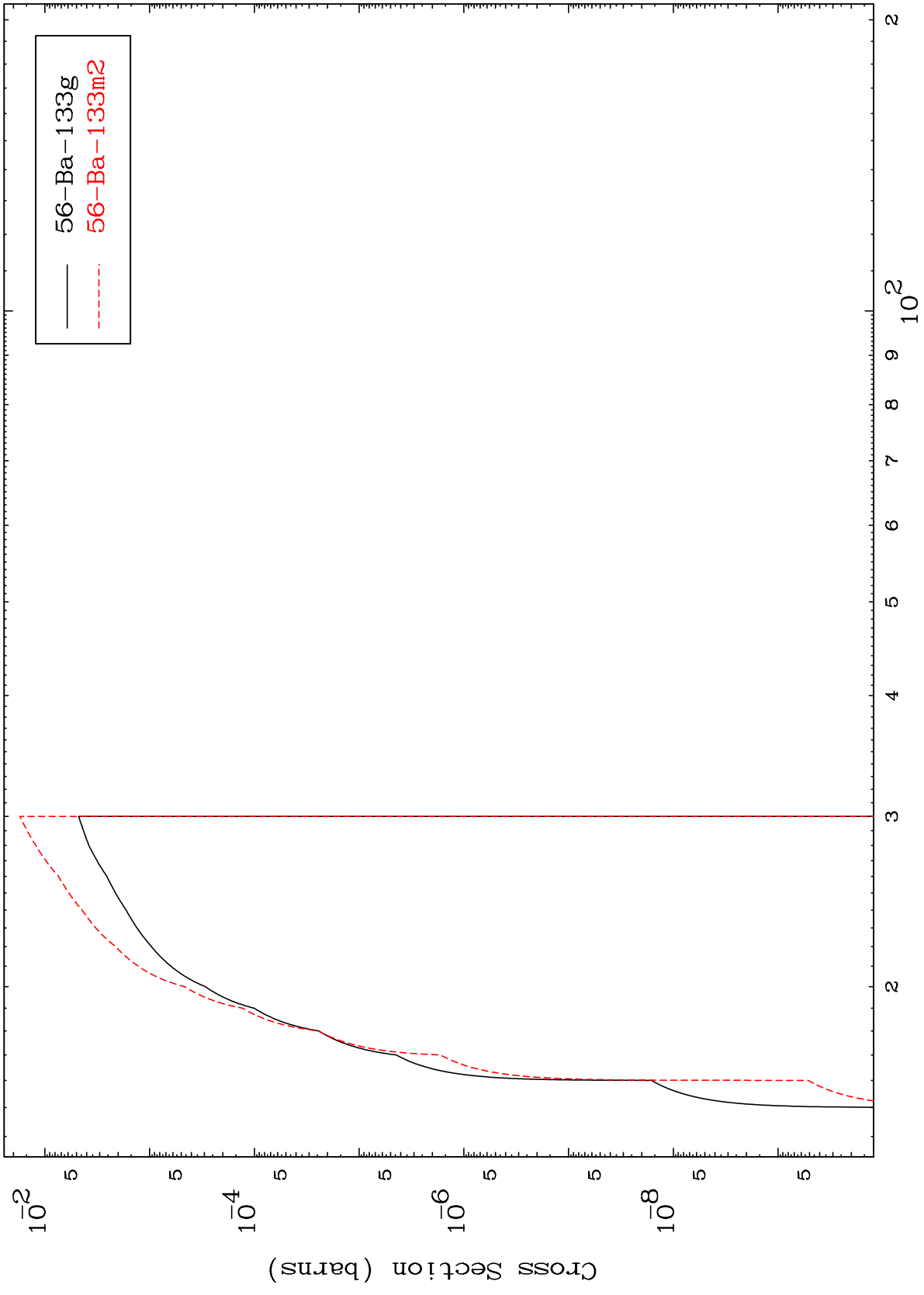
Incident Energy (MeV)

55-Cs-131

MAT 5519

55-Cs-131

(α, n') p
Radionuclide Production Cross Section



13

55-Cs-131

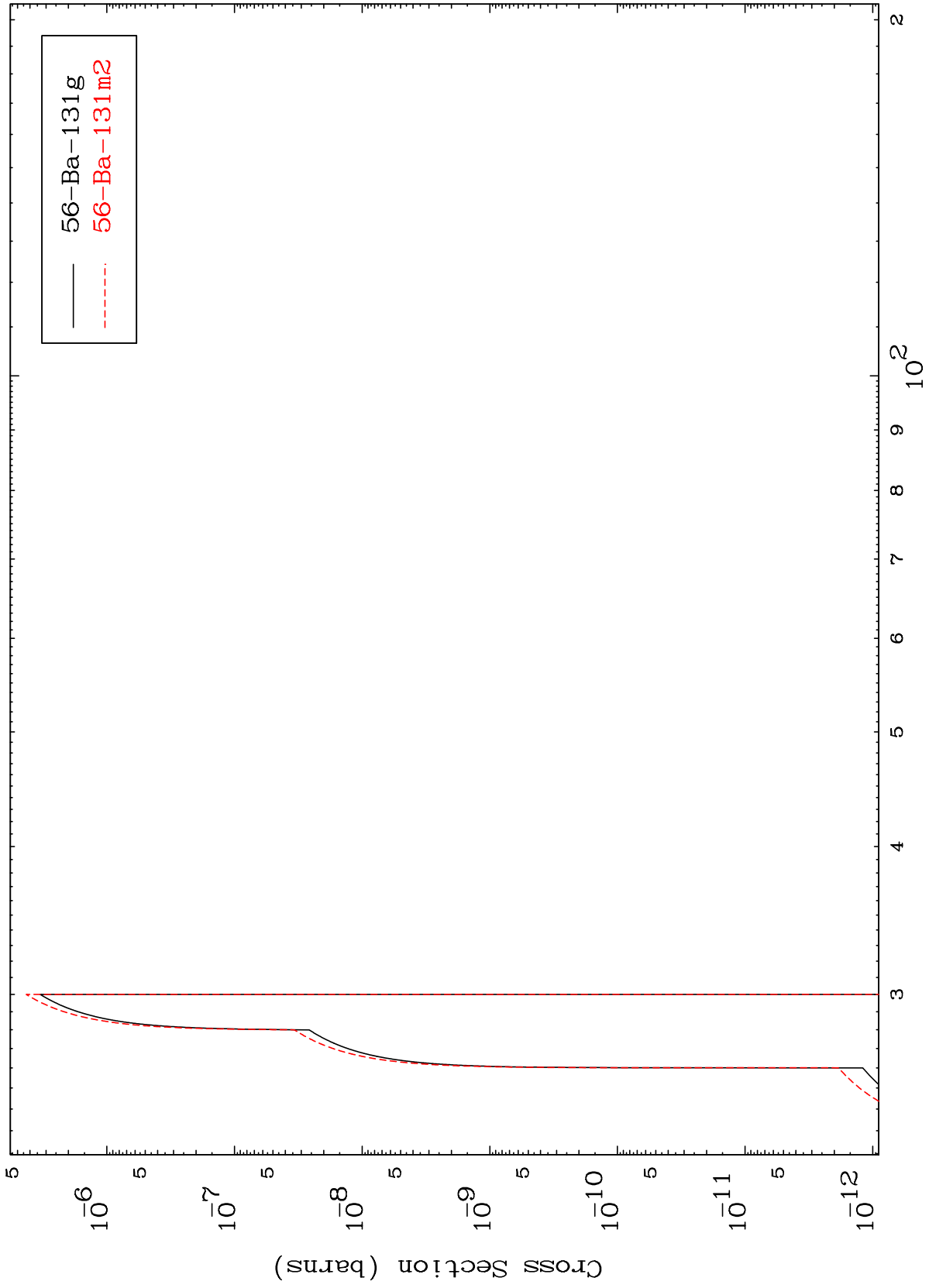
Incident Energy (MeV)

MAT 5519

(α, n') t

55-Cs-131

Radionuclide Production Cross Section



14

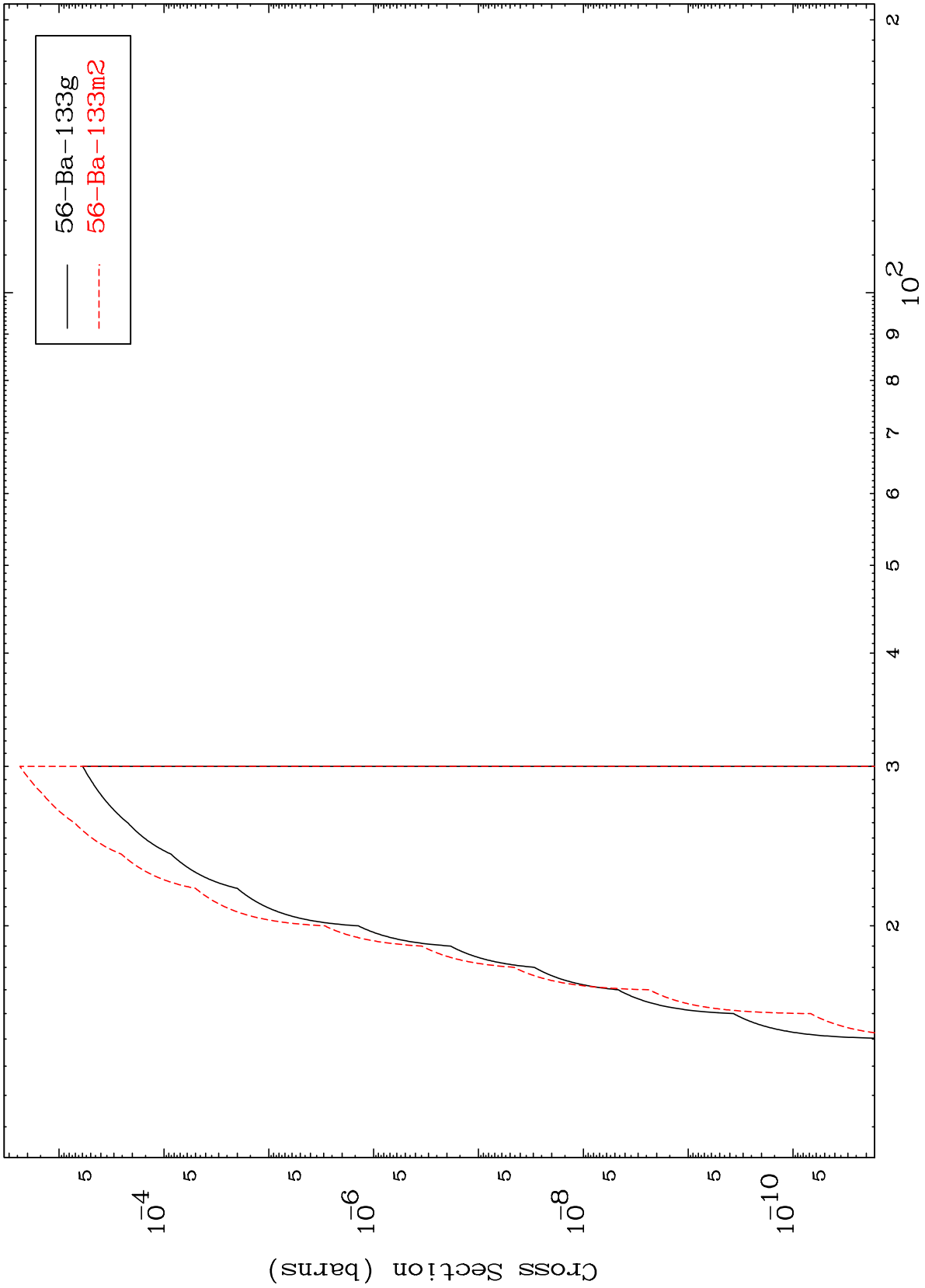
Incident Energy (MeV)

55-Cs-131

MAT 5519

55-Cs-131

(α, d)
Radionuclide Production Cross Section



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Incident Energy (MeV)

55-Cs-131