

Program EVALPLOT
(Version 2018-1)

by

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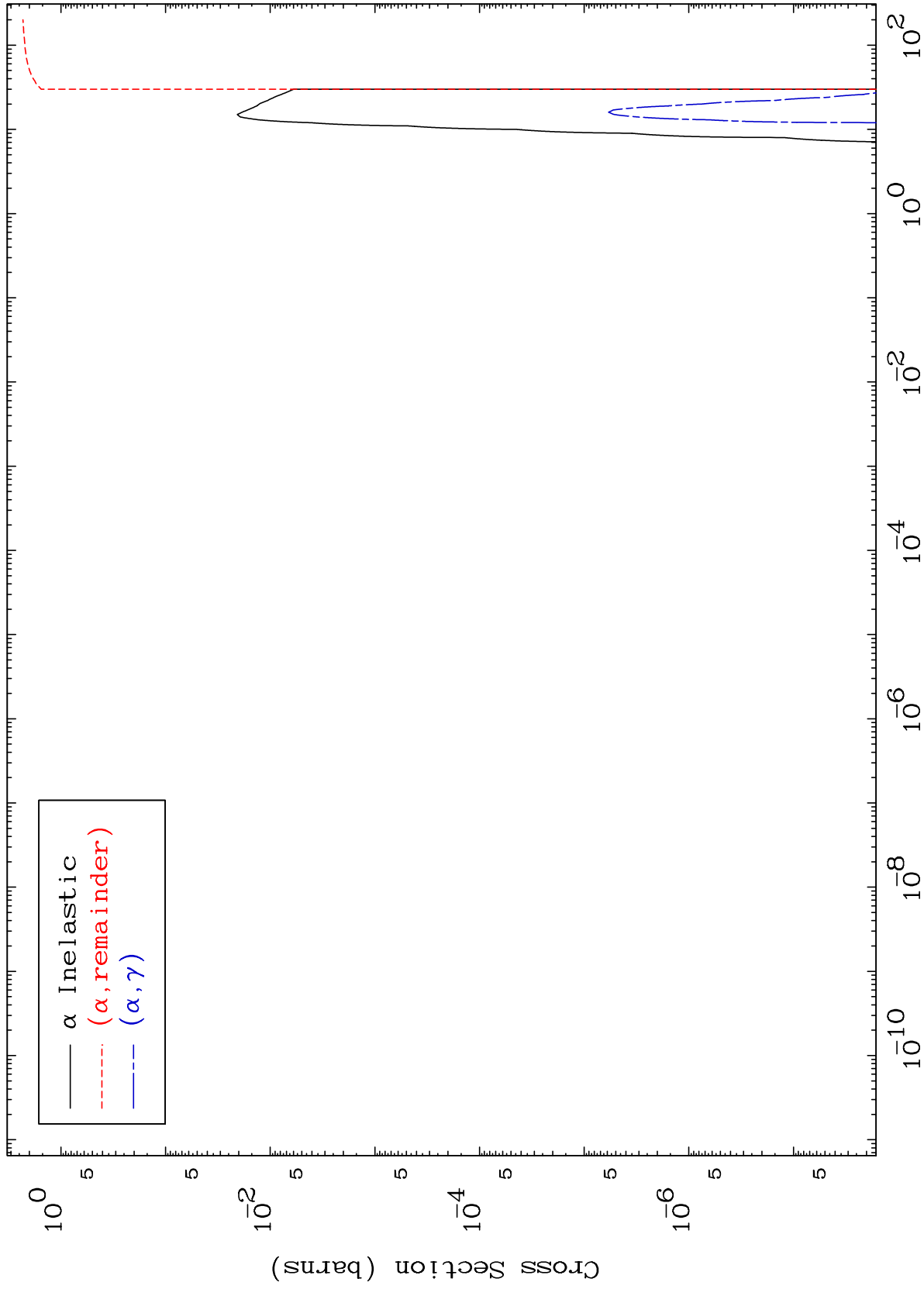
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5155

0 Kelvin α Major
Cross Sections

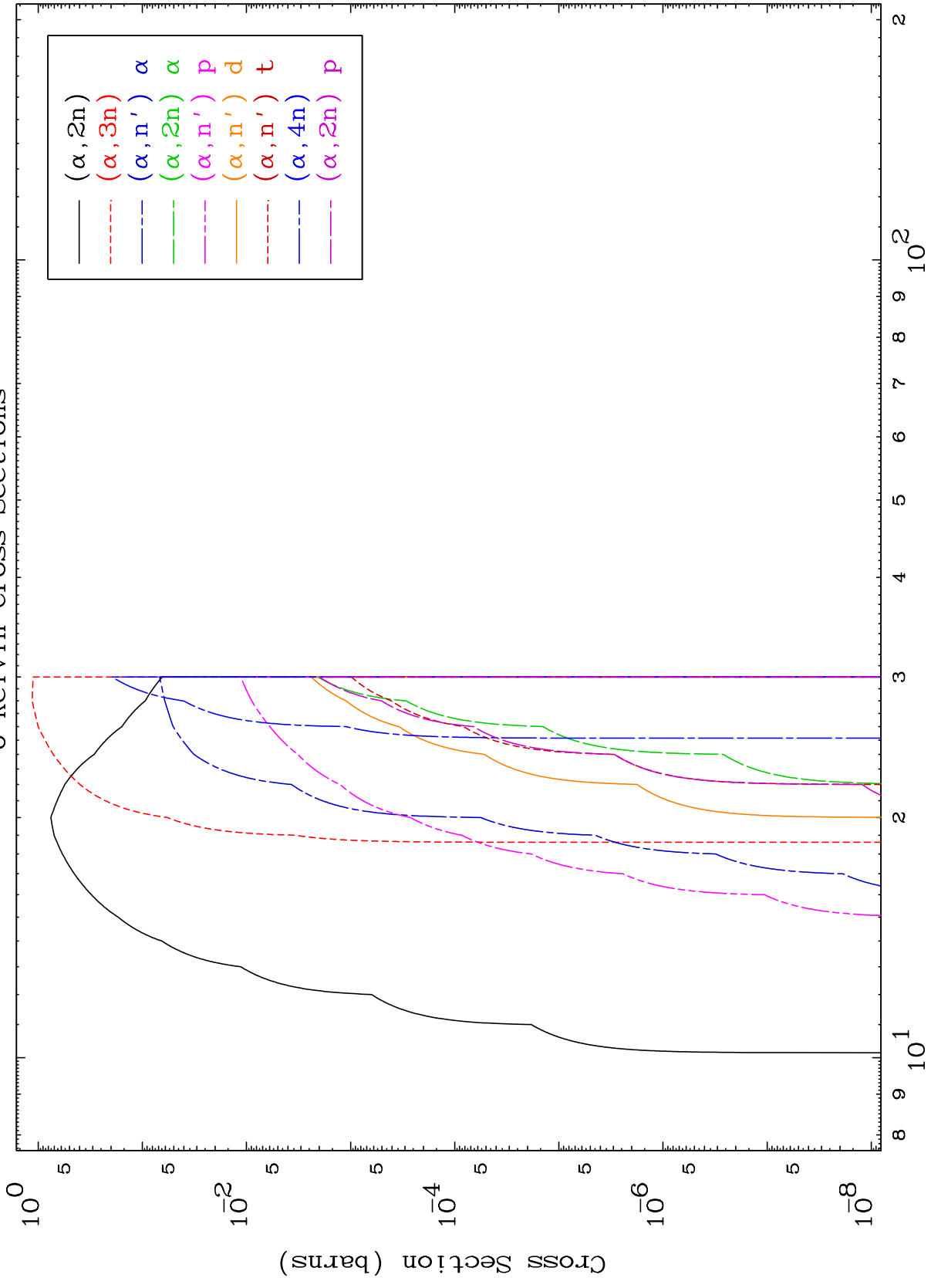
51-Sb-131



MAT 5155

α Neutron Production
0 Kelvin Cross Sections

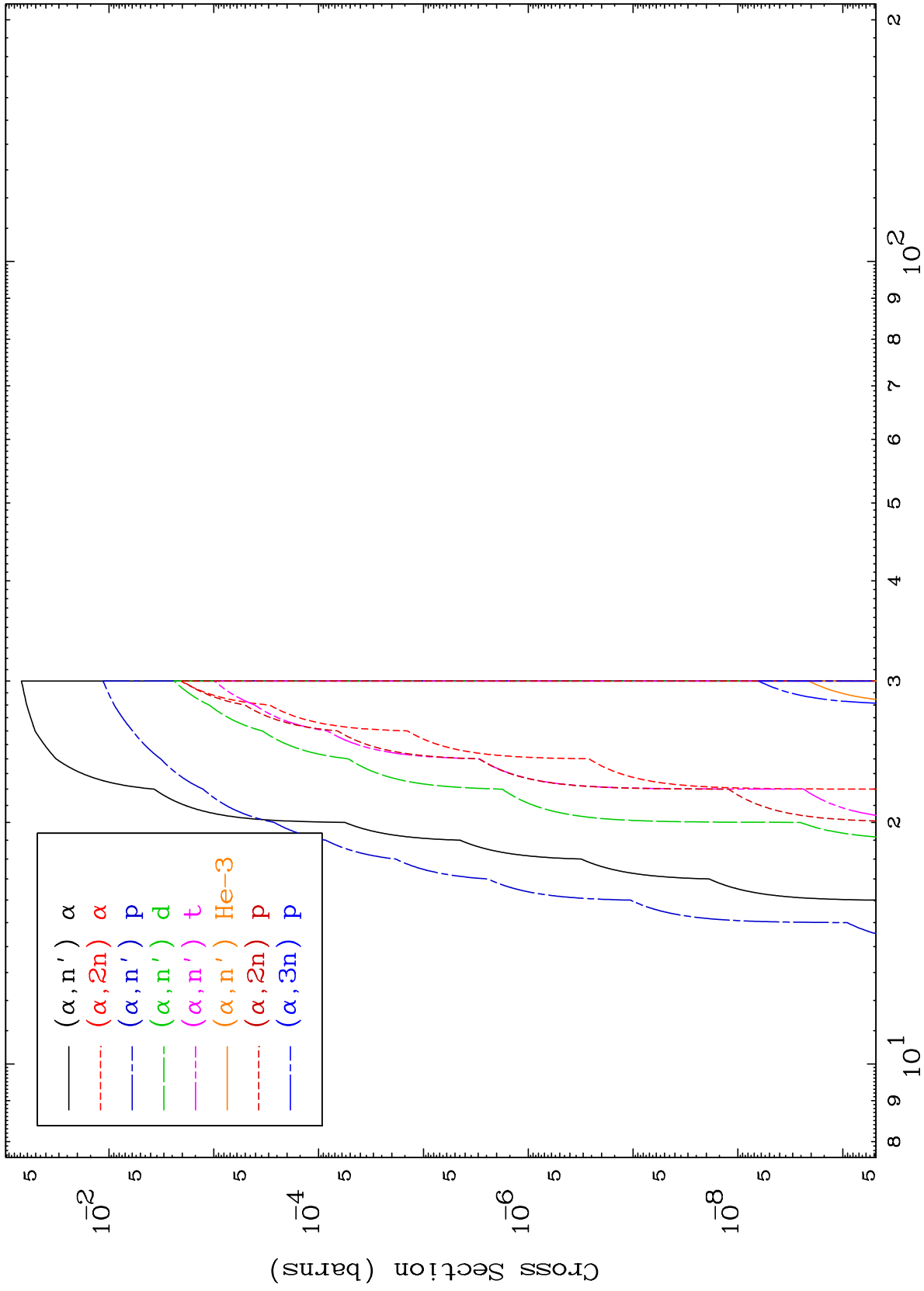
51-Sb-131



2

Incident Energy (MeV)

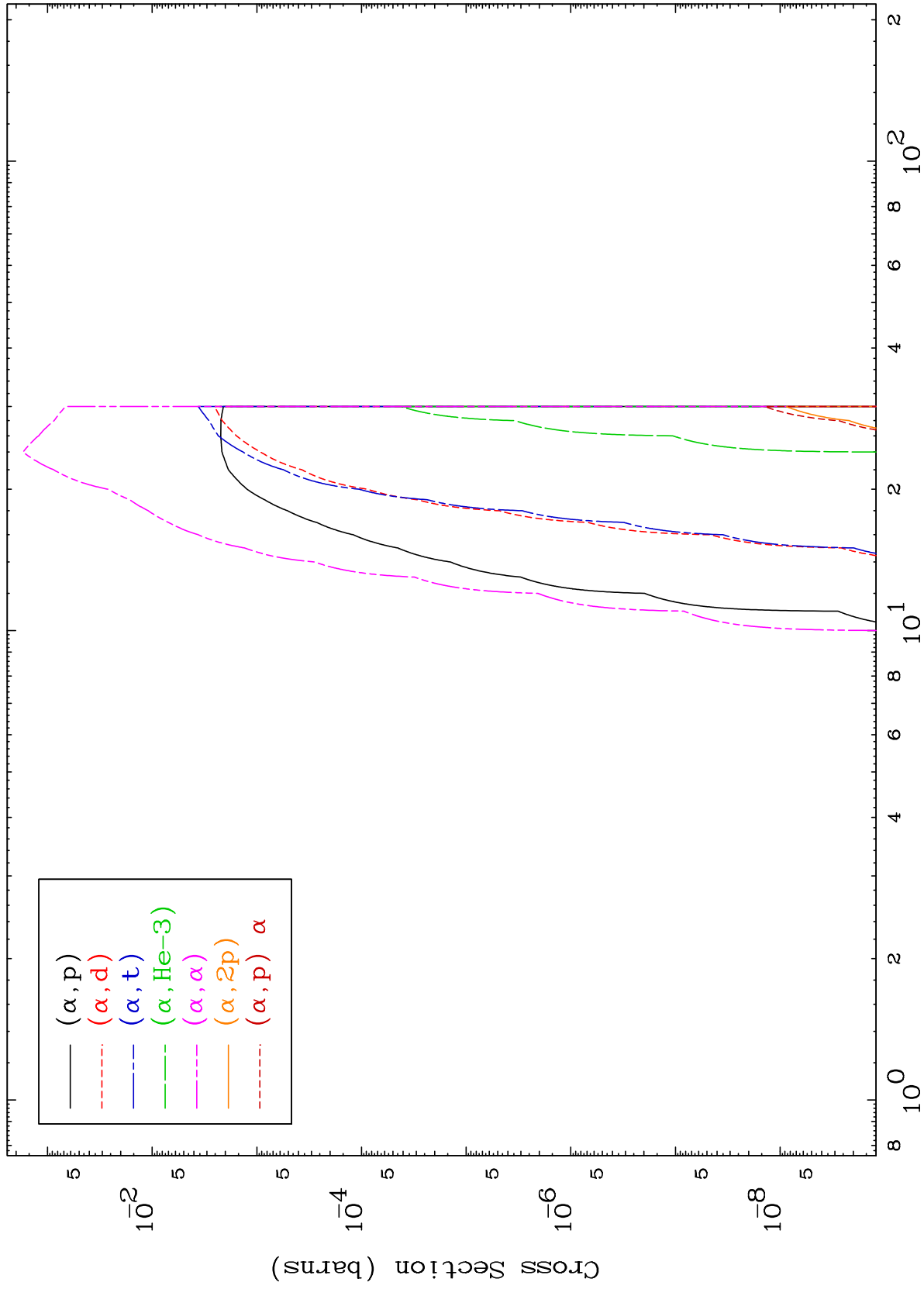
51-Sb-131



MAT 5155

α Charged Particle
0 Kelvin Cross Sections

51-Sb-131



4

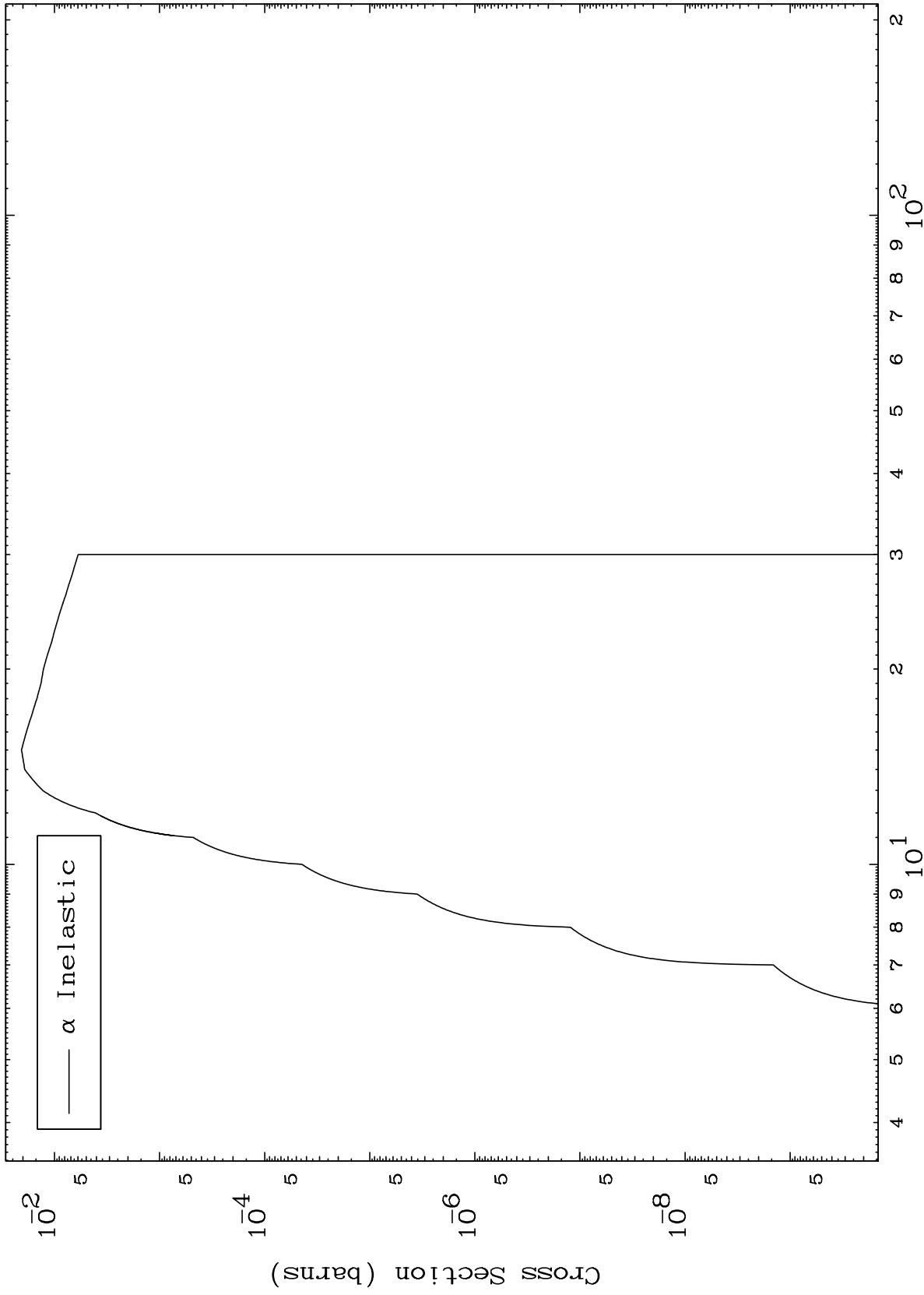
Incident Energy (MeV)

51-Sb-131

MAT 5155

(α, n') Level
0 Kelvin Cross Sections

51-Sb-131



5

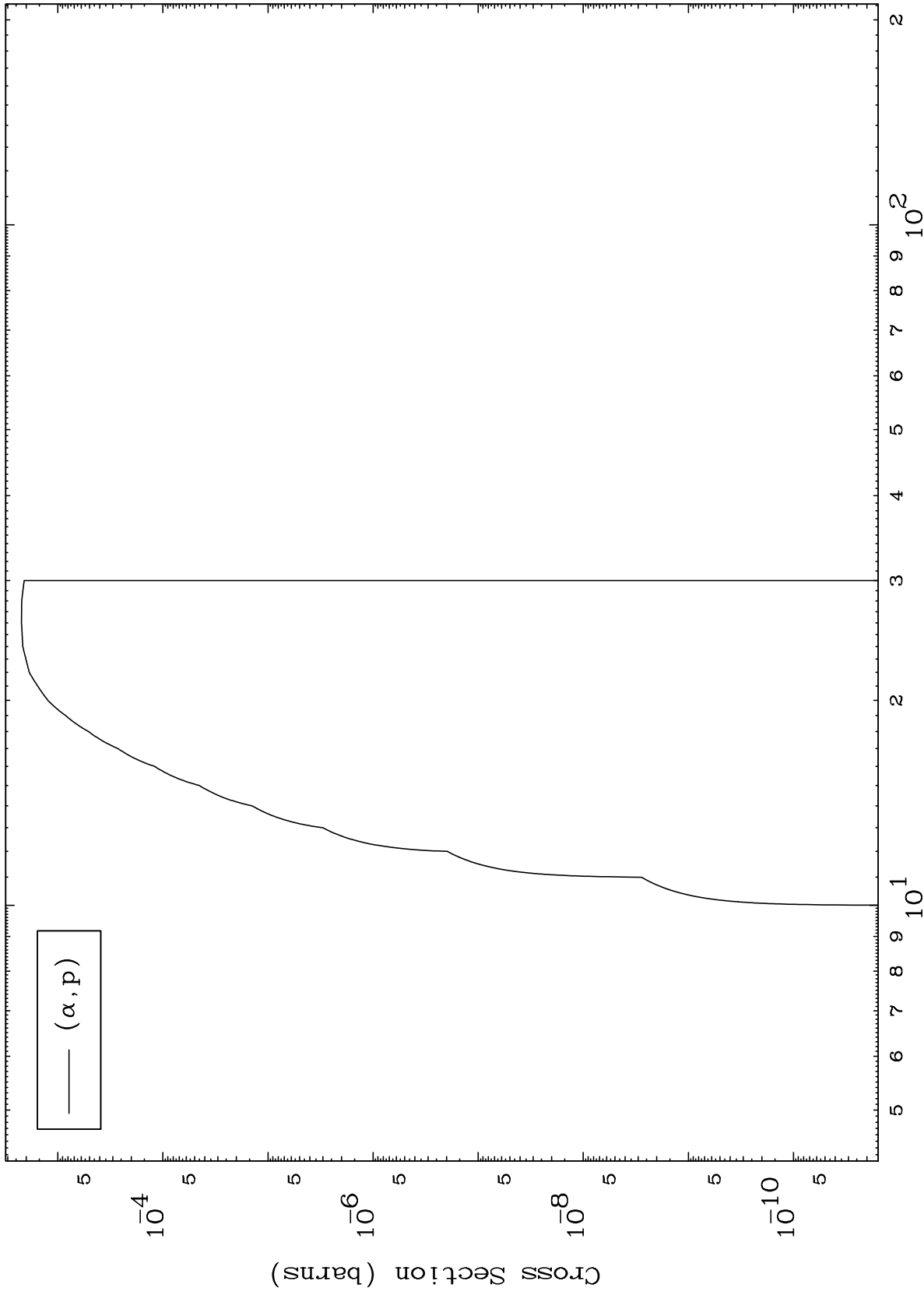
Incident Energy (MeV)

51-Sb-131

MAT 5155

(α, p) Levels
0 Kelvin Cross Sections

51-Sb-131



6

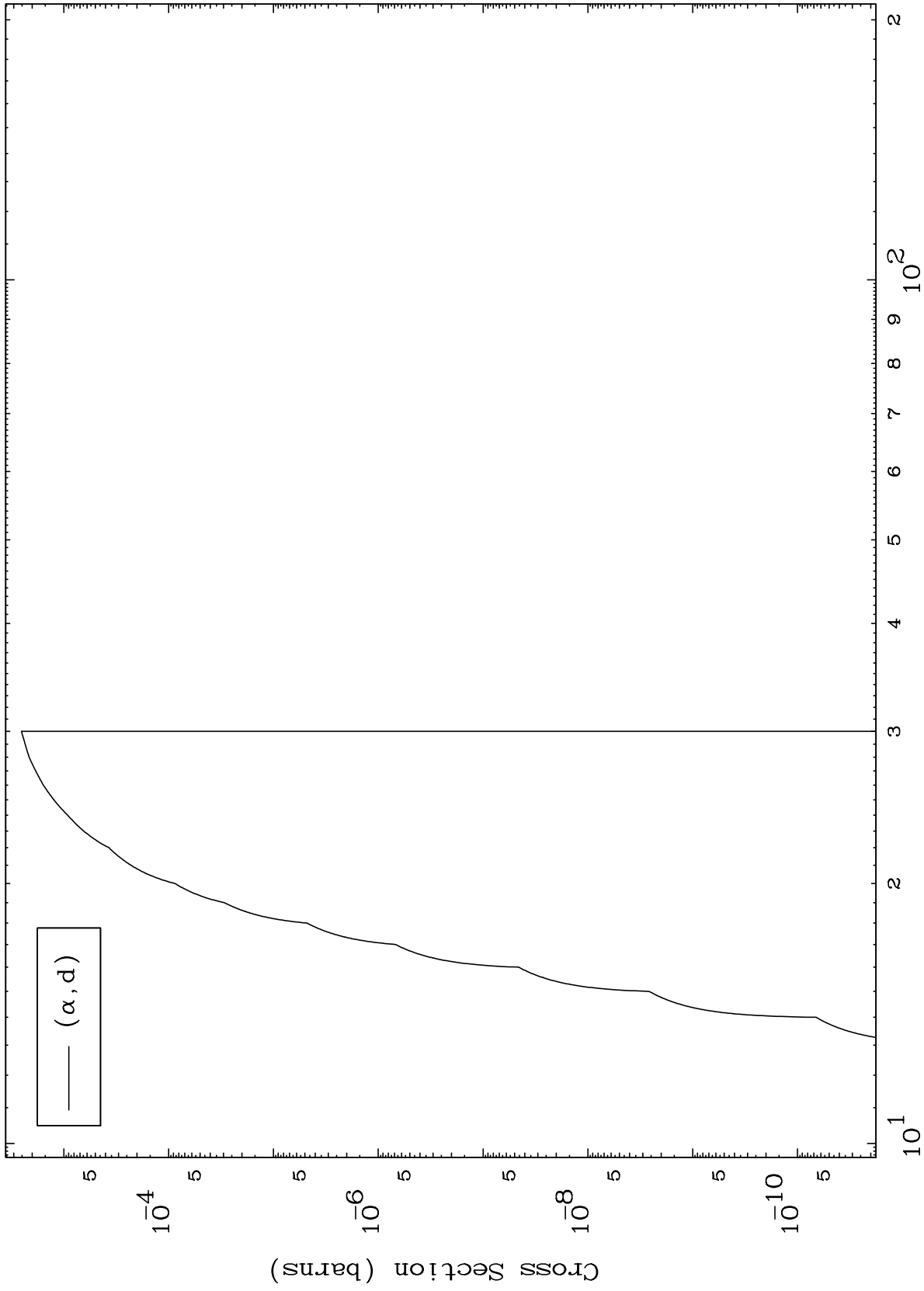
Incident Energy (MeV)

51-Sb-131

MAT 5155

(α, d) Levels
0 Kelvin Cross Sections

51-Sb-131



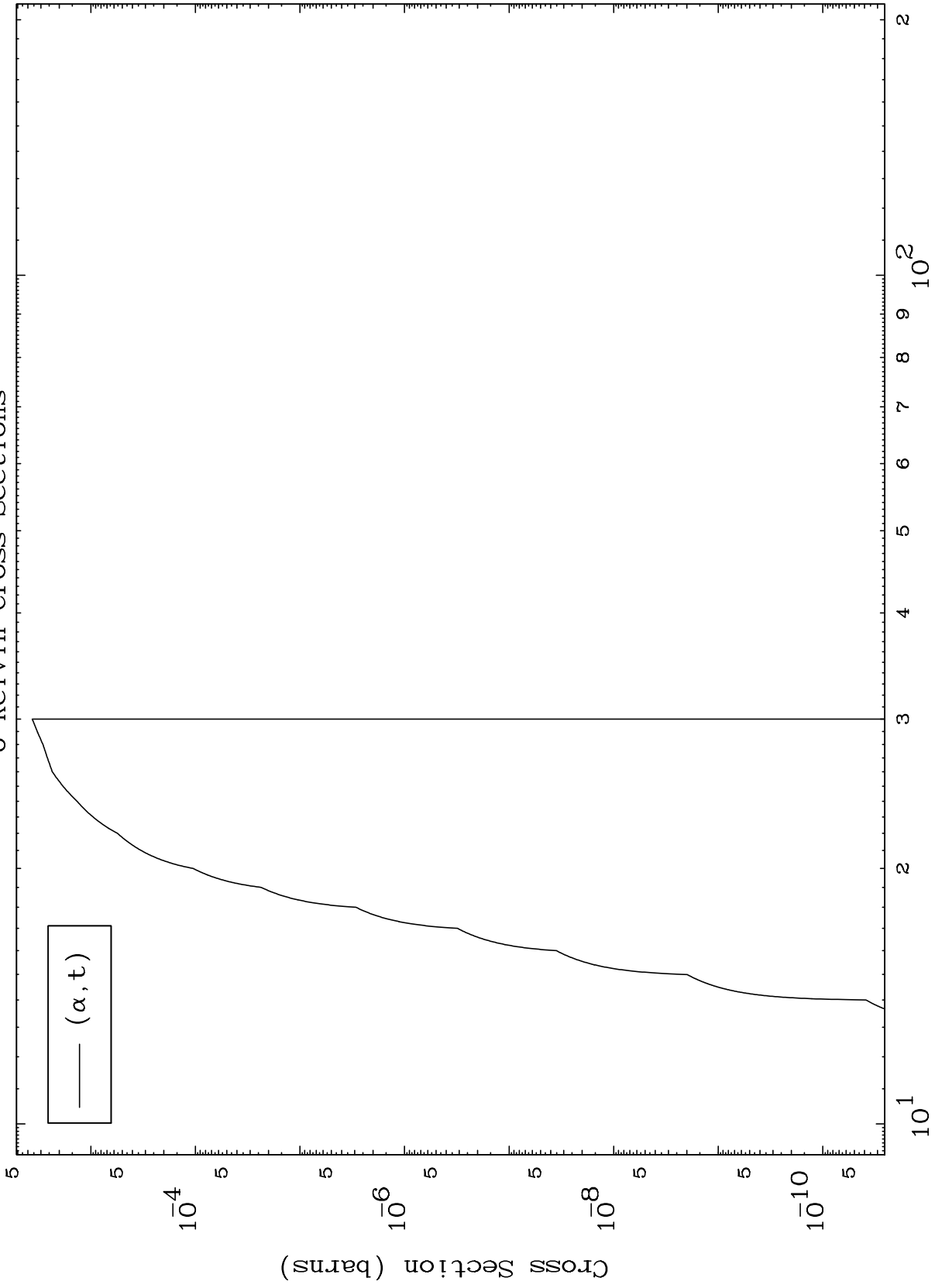
Incident Energy (MeV)

51-Sb-131

MAT 5155

(α, t) Levels
0 Kelvin Cross Sections

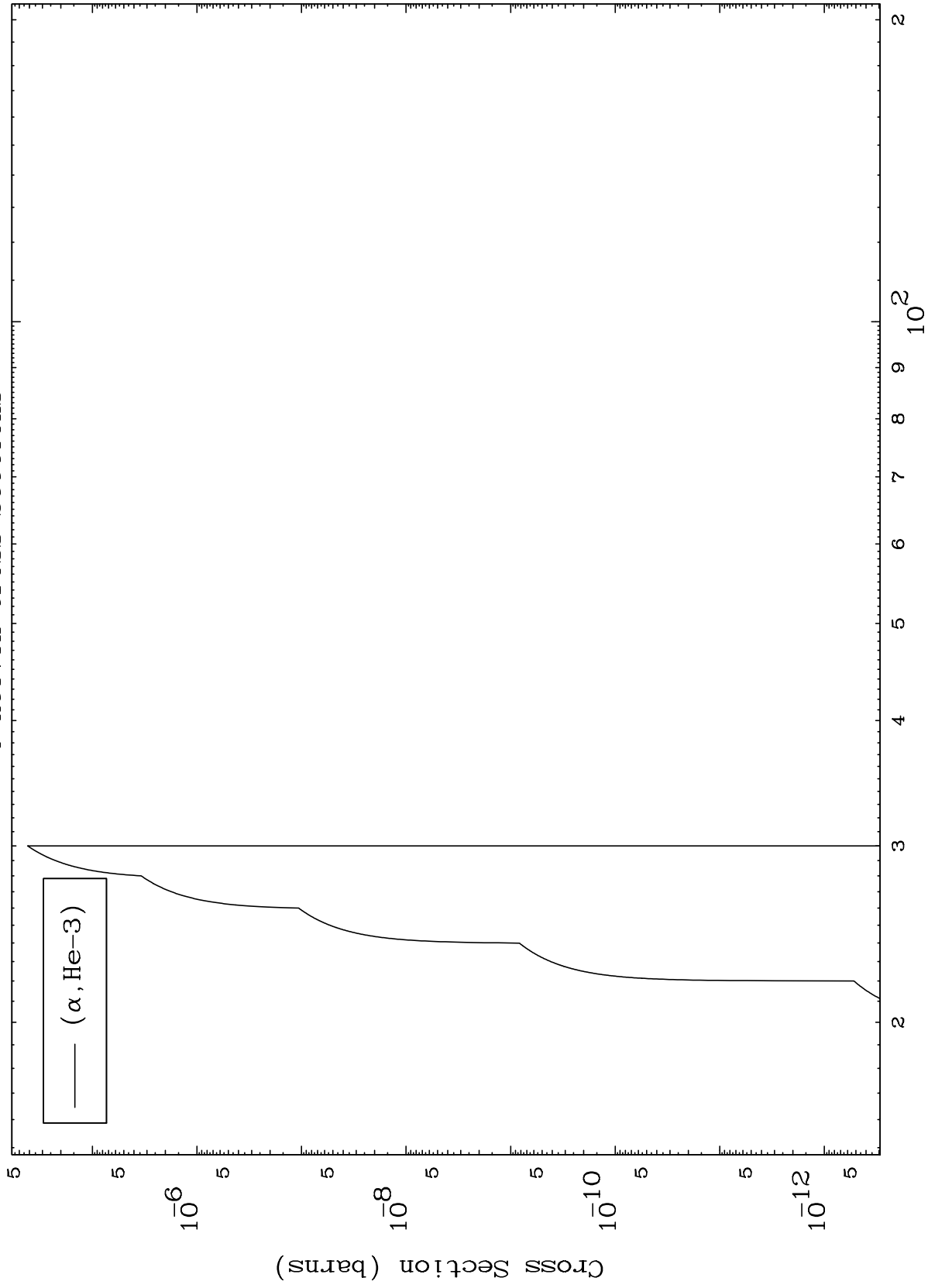
51-Sb-131



8

Incident Energy (MeV)

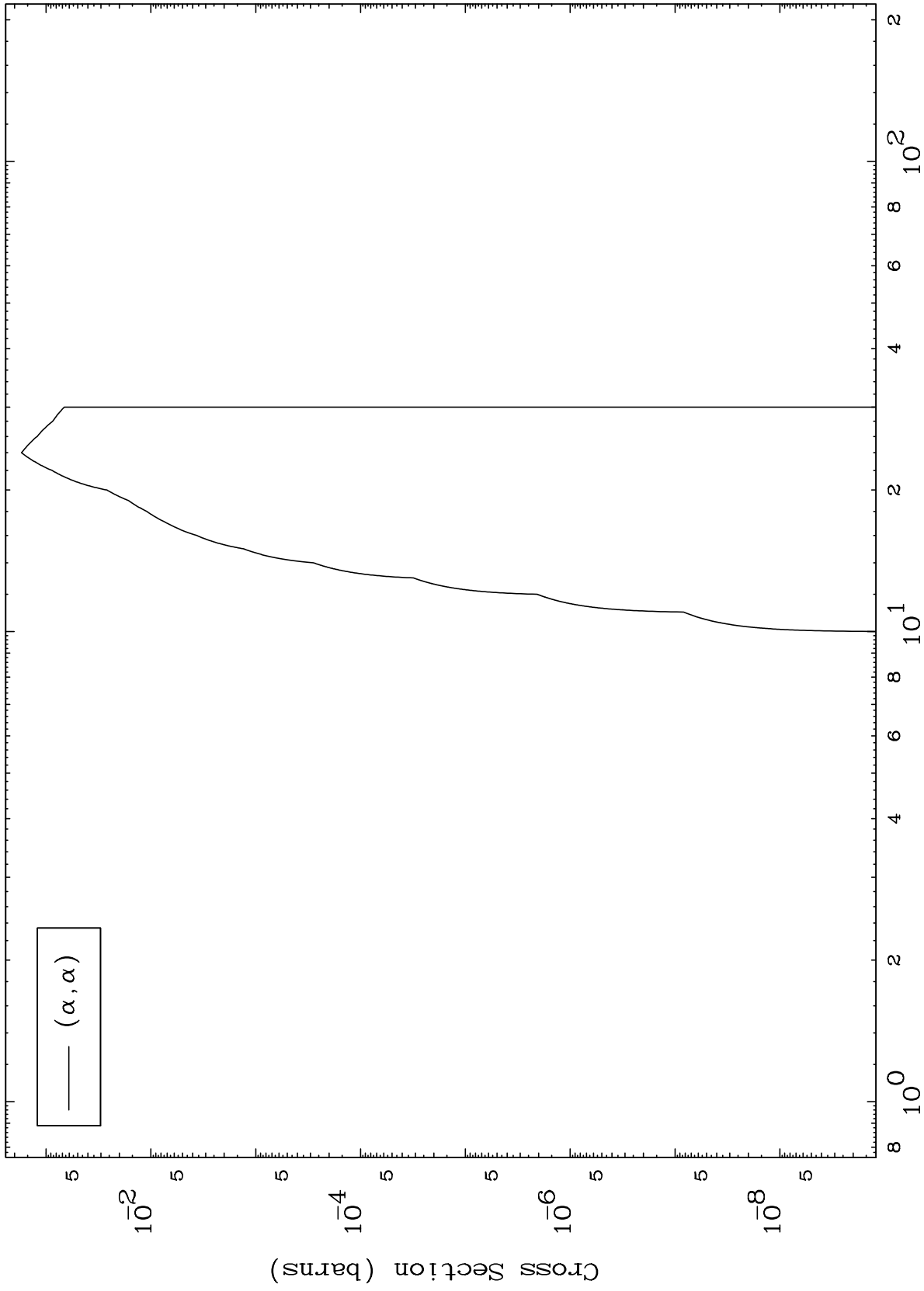
51-Sb-131



MAT 5155

(α, α) Levels
0 Kelvin Cross Sections

51-Sb-131



10

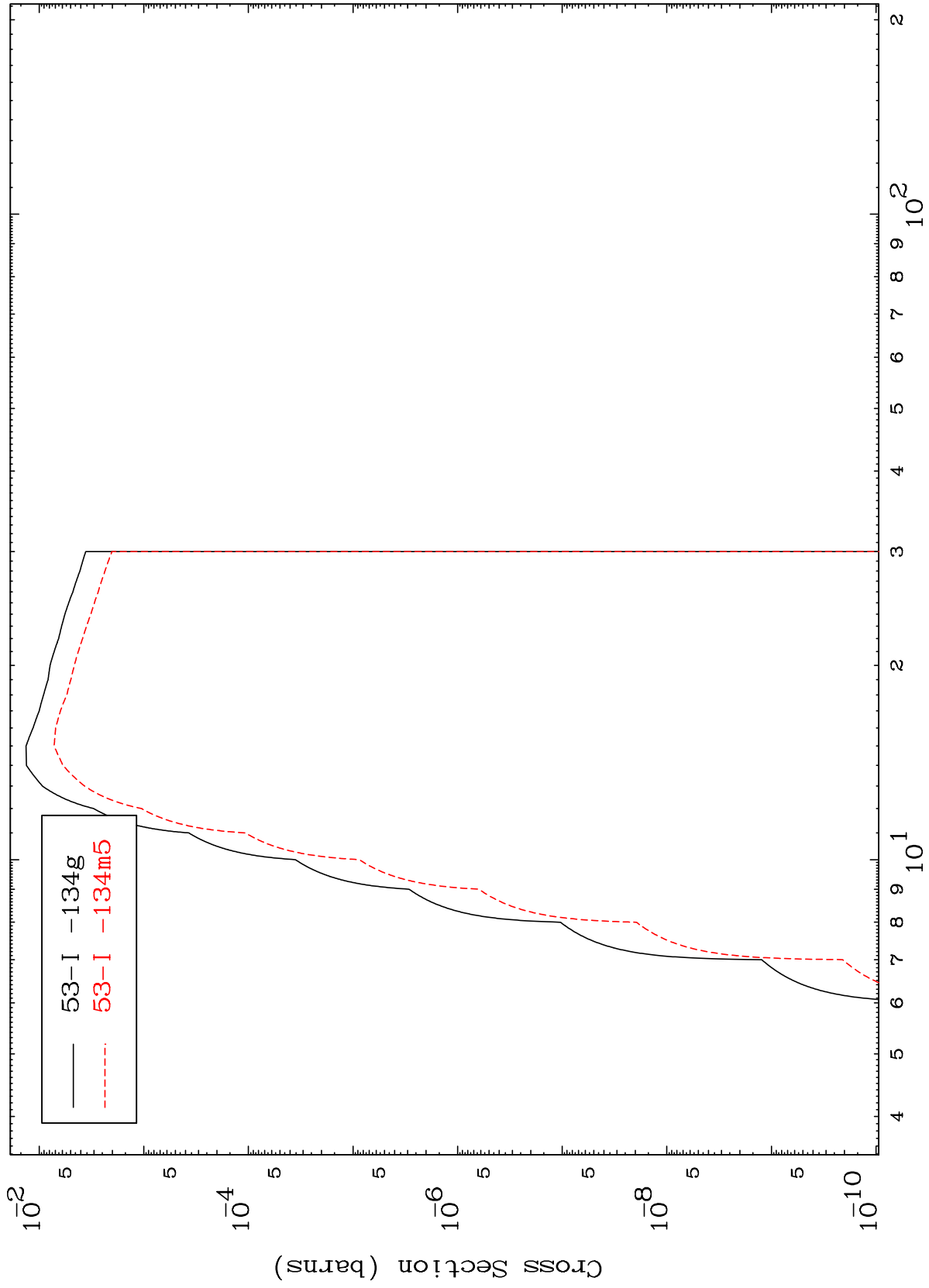
Incident Energy (MeV)

51-Sb-131

MAT 5155

Radionuclide Production Cross Section

51-Sb-131



11

Incident Energy (MeV)

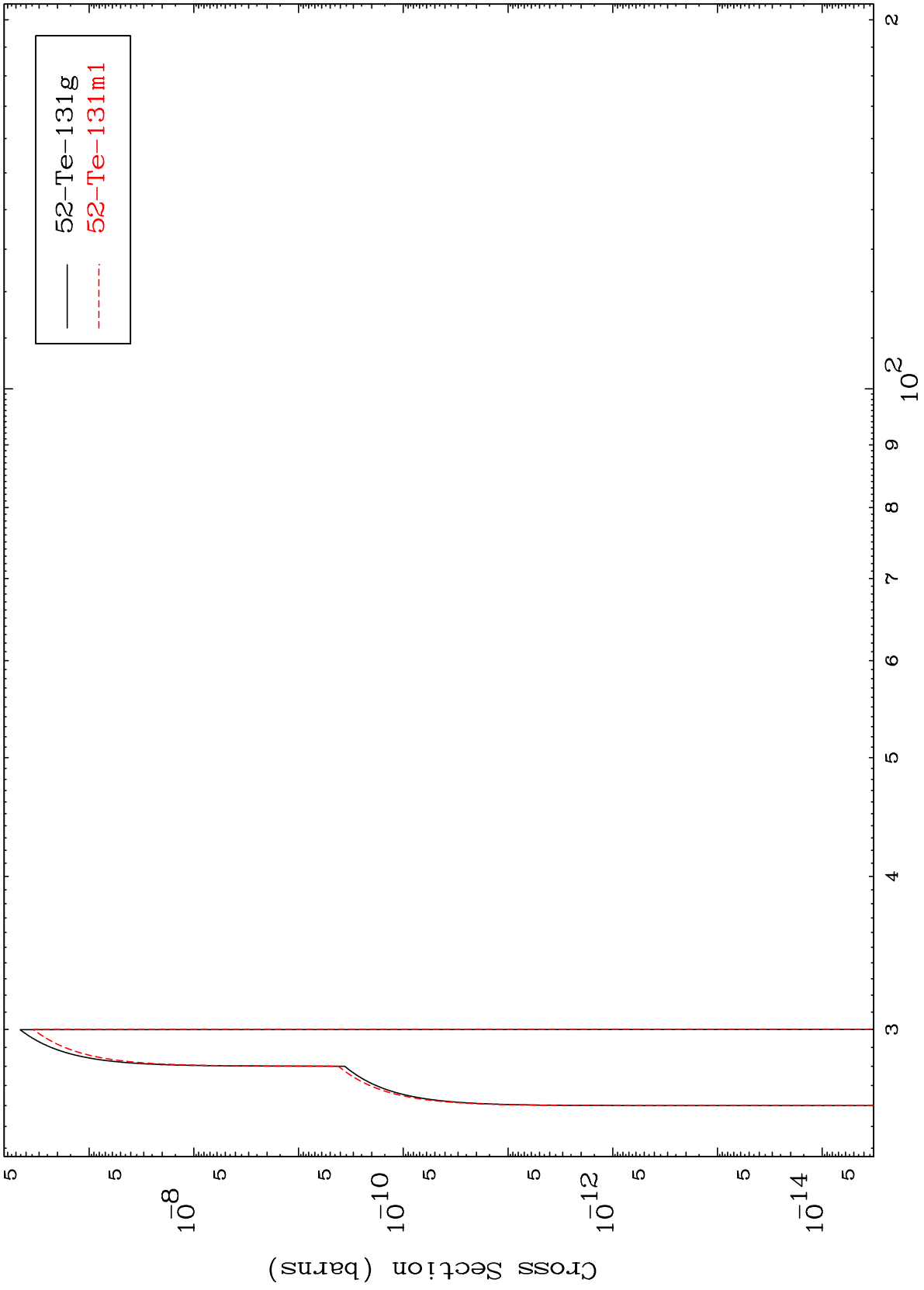
51-Sb-131

MAT 5155

($\alpha, 2n$) d

51-Sb-131

Radionuclide Production Cross Section



12

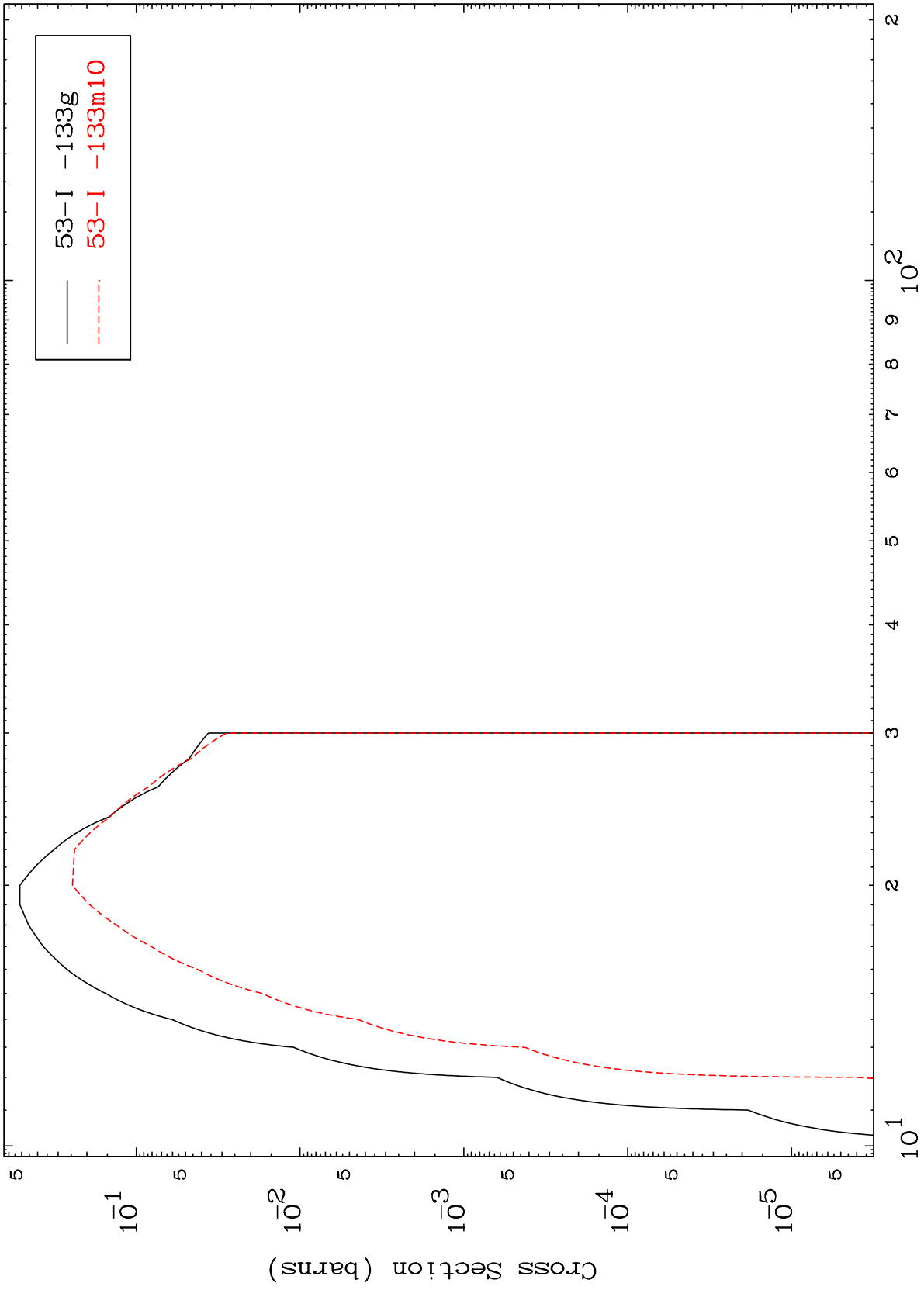
Incident Energy (MeV)

51-Sb-131

MAT 5155

51-Sb-131

($\alpha, 2n$)
Radionuclide Production Cross Section



13

Incident Energy (MeV)

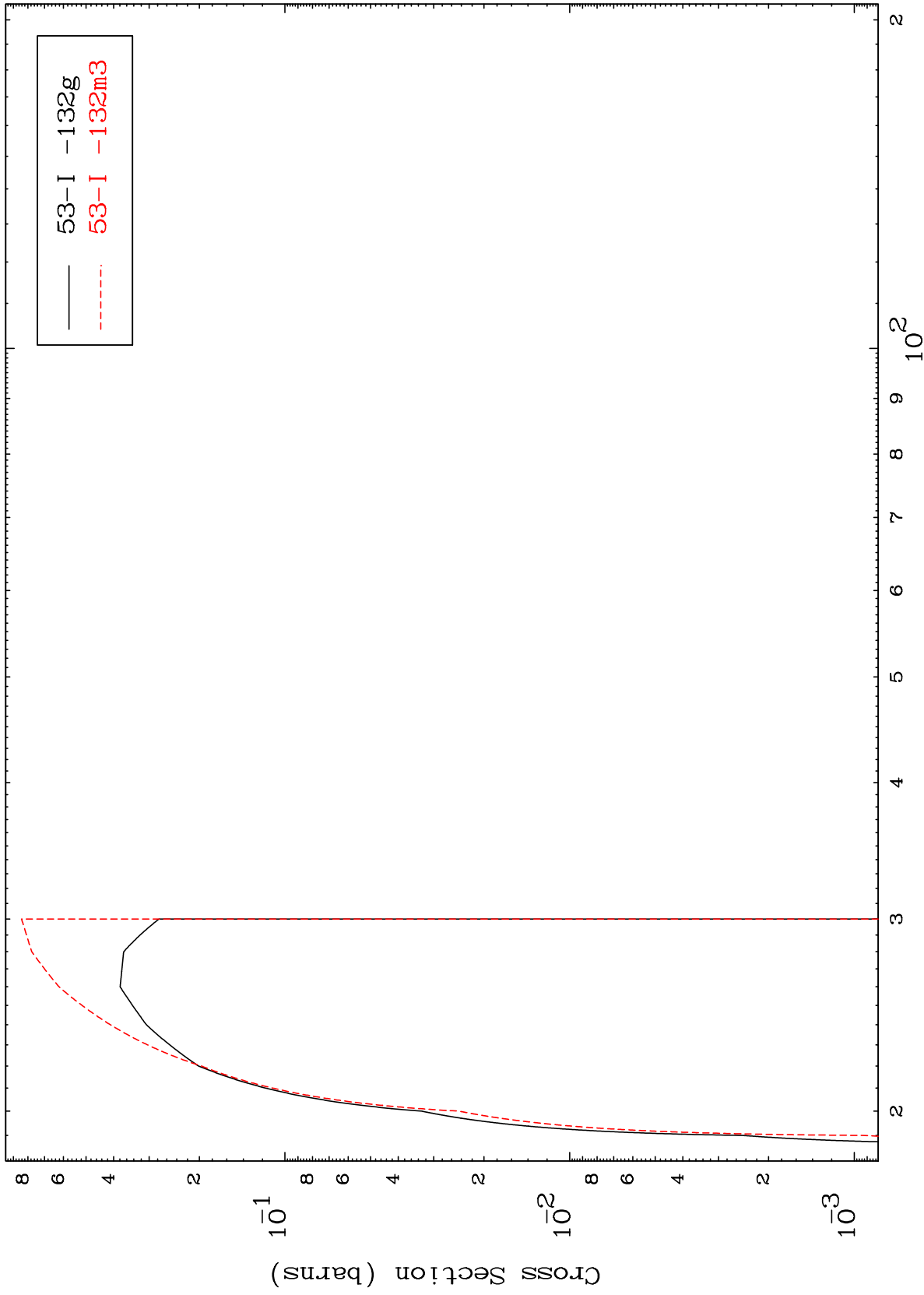
51-Sb-131

MAT 5155

($\alpha, 3n$)

51-Sb-131

Radionuclide Production Cross Section



14

Incident Energy (MeV)

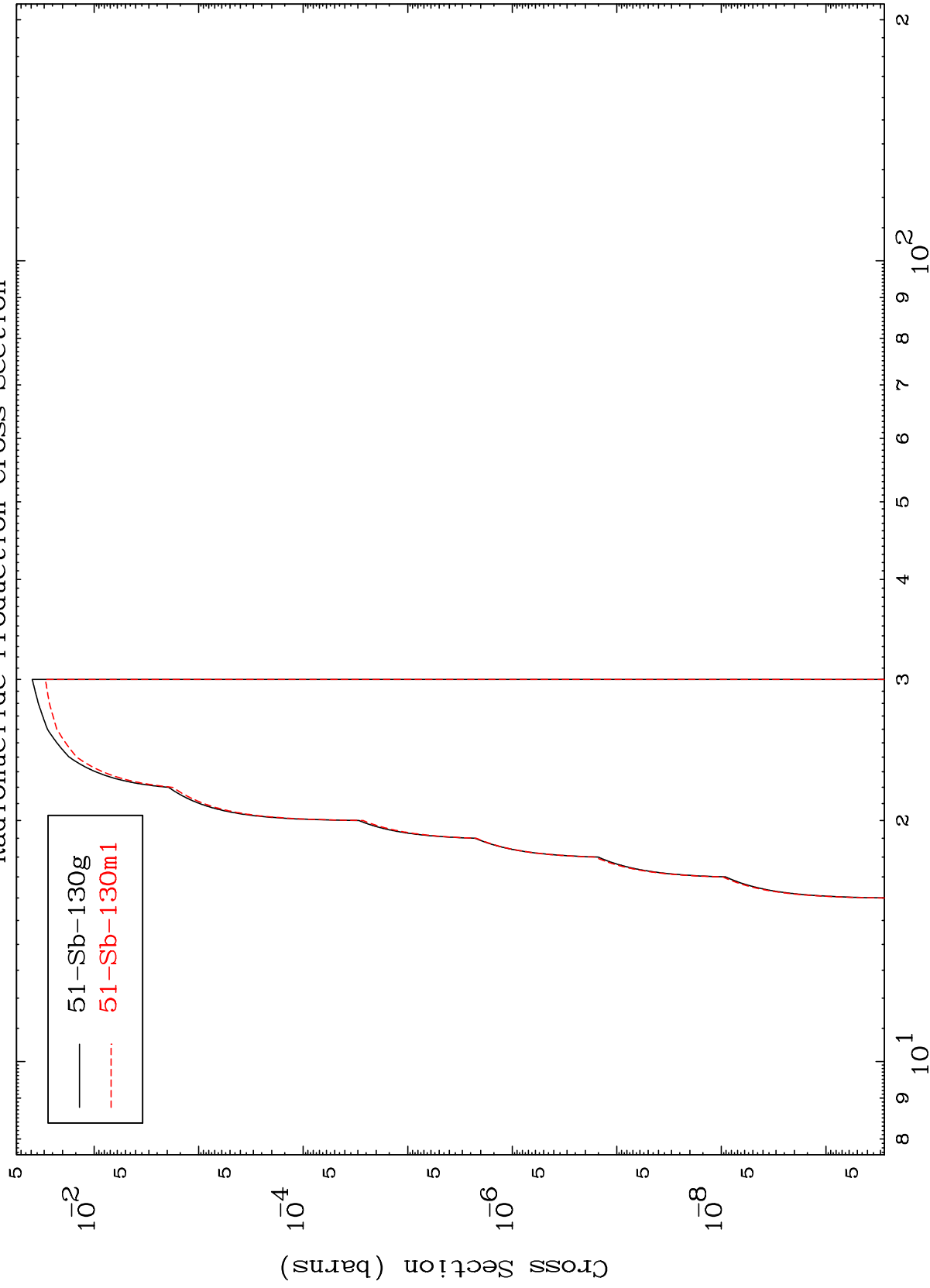
51-Sb-131

MAT 5155

(α, n') α

51-Sb-131

Radionuclide Production Cross Section



15

Incident Energy (MeV)

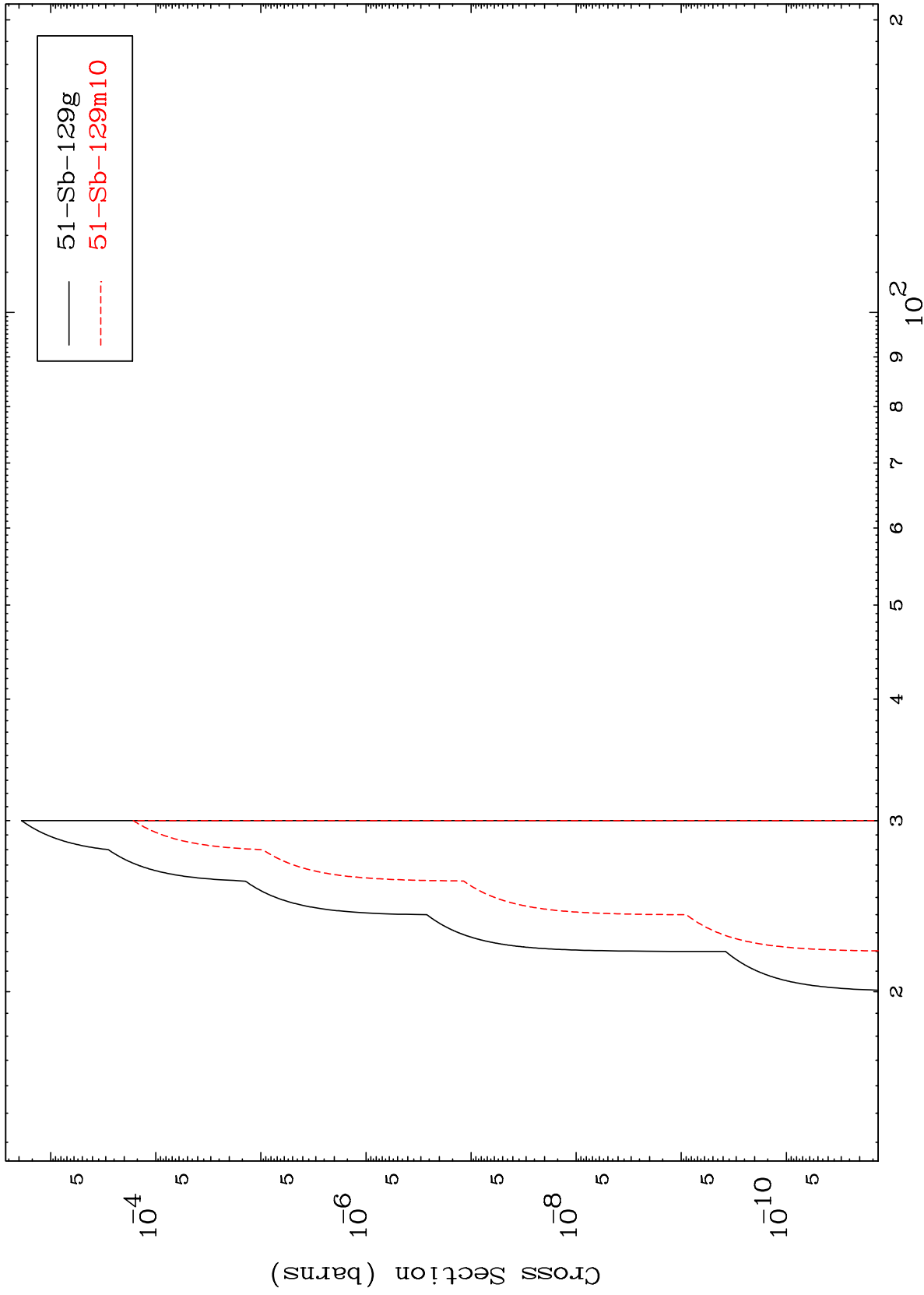
51-Sb-131

MAT 5155

($\alpha, 2n$) α

51-Sb-131

Radionuclide Production Cross Section



16

Incident Energy (MeV)

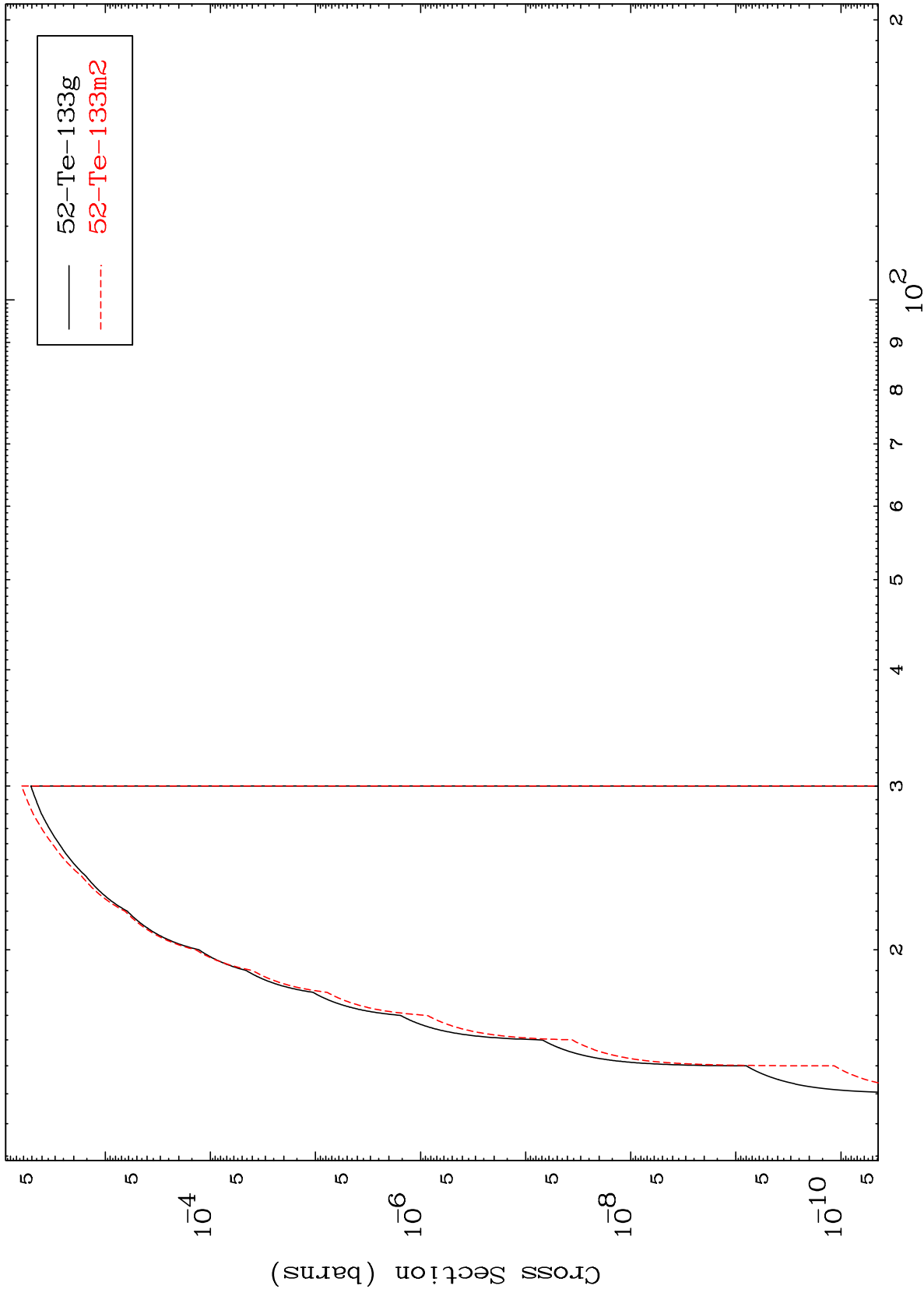
51-Sb-131

MAT 5155

(α, n') p

51-Sb-131

Radionuclide Production Cross Section



17

Incident Energy (MeV)

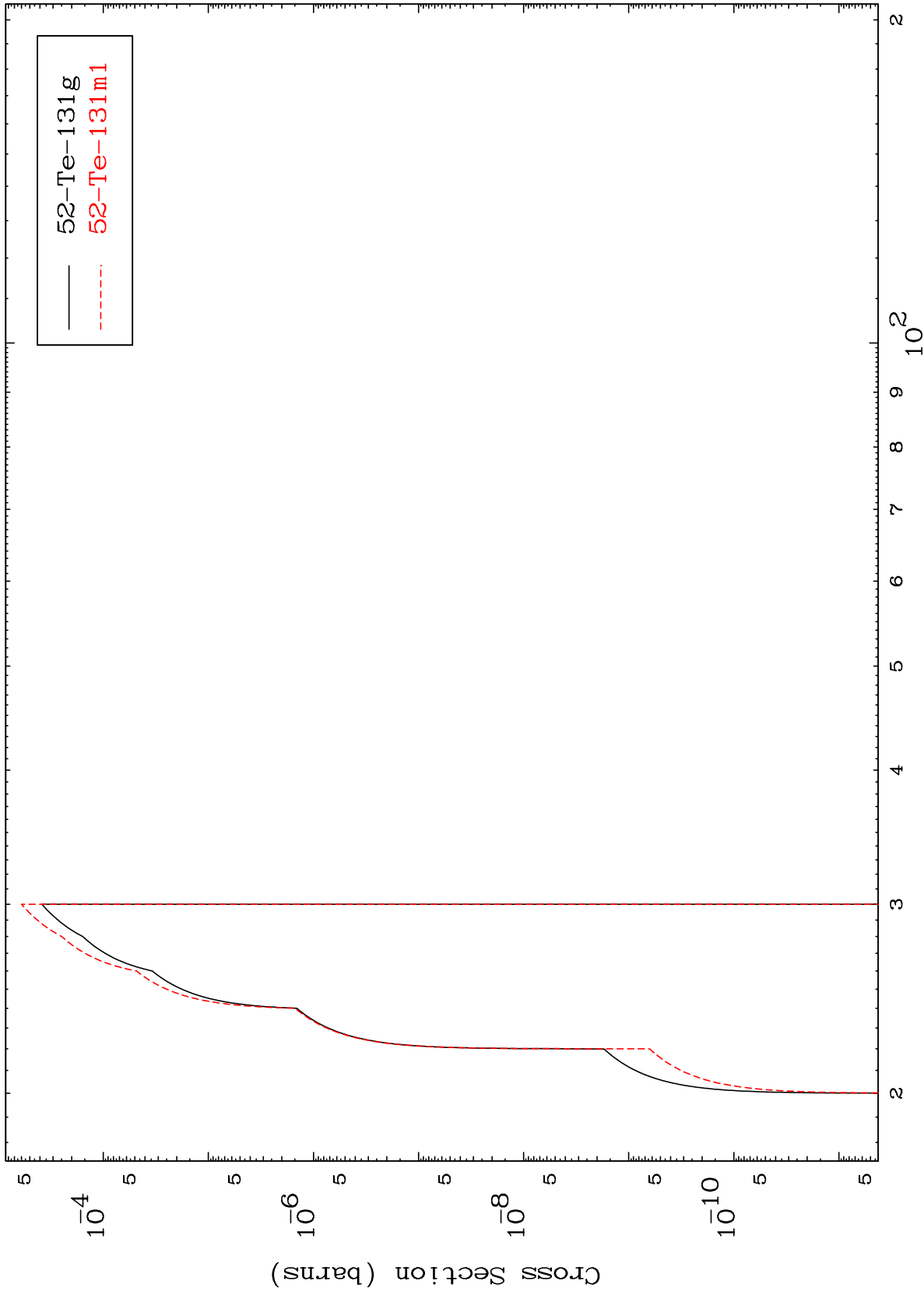
51-Sb-131

MAT 5155

(α, n') t

51-Sb-131

Radionuclide Production Cross Section



18

Incident Energy (MeV)

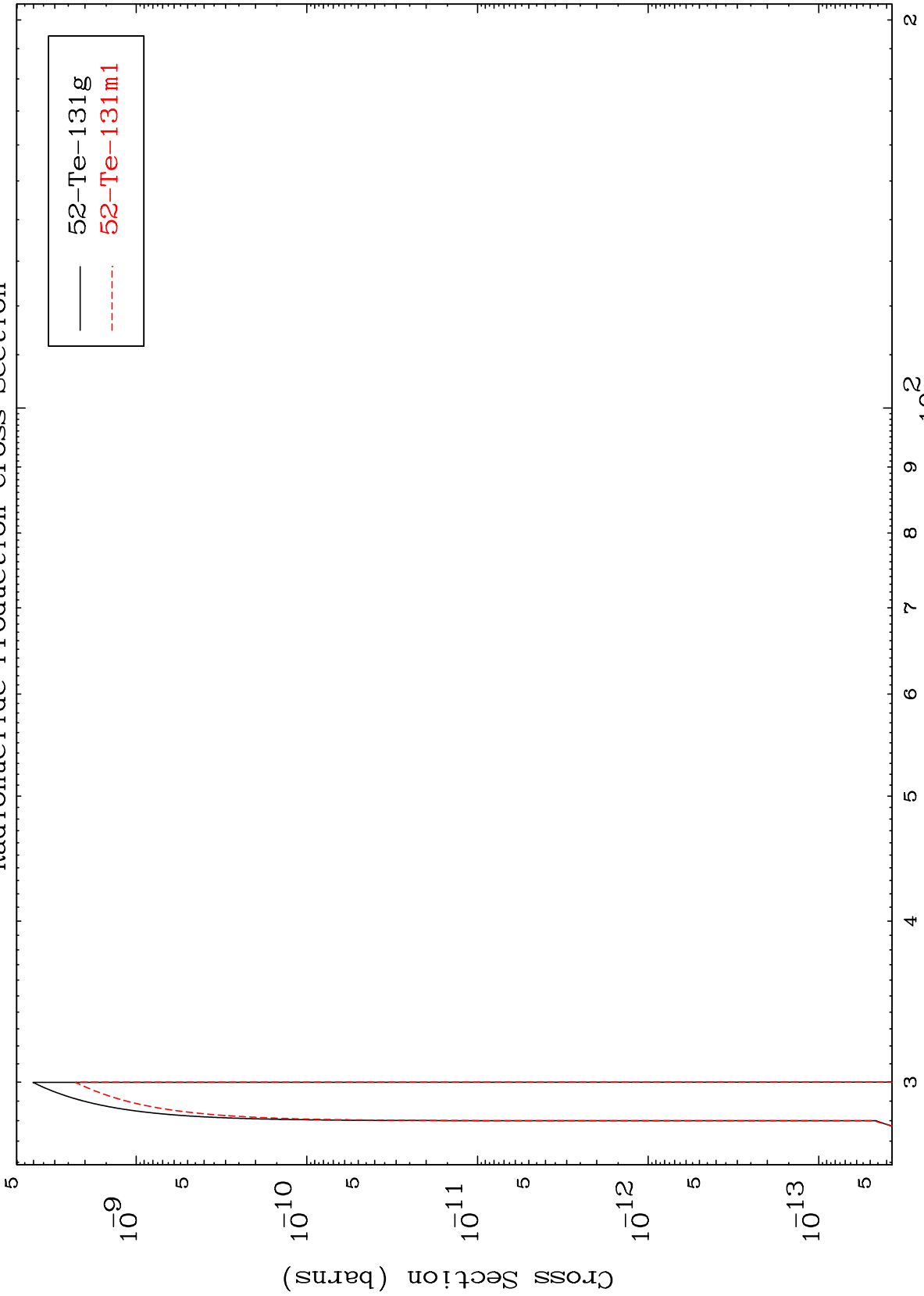
51-Sb-131

MAT 5155

($\alpha, 3n$) p

51-Sb-131

Radionuclide Production Cross Section



19

Incident Energy (MeV)

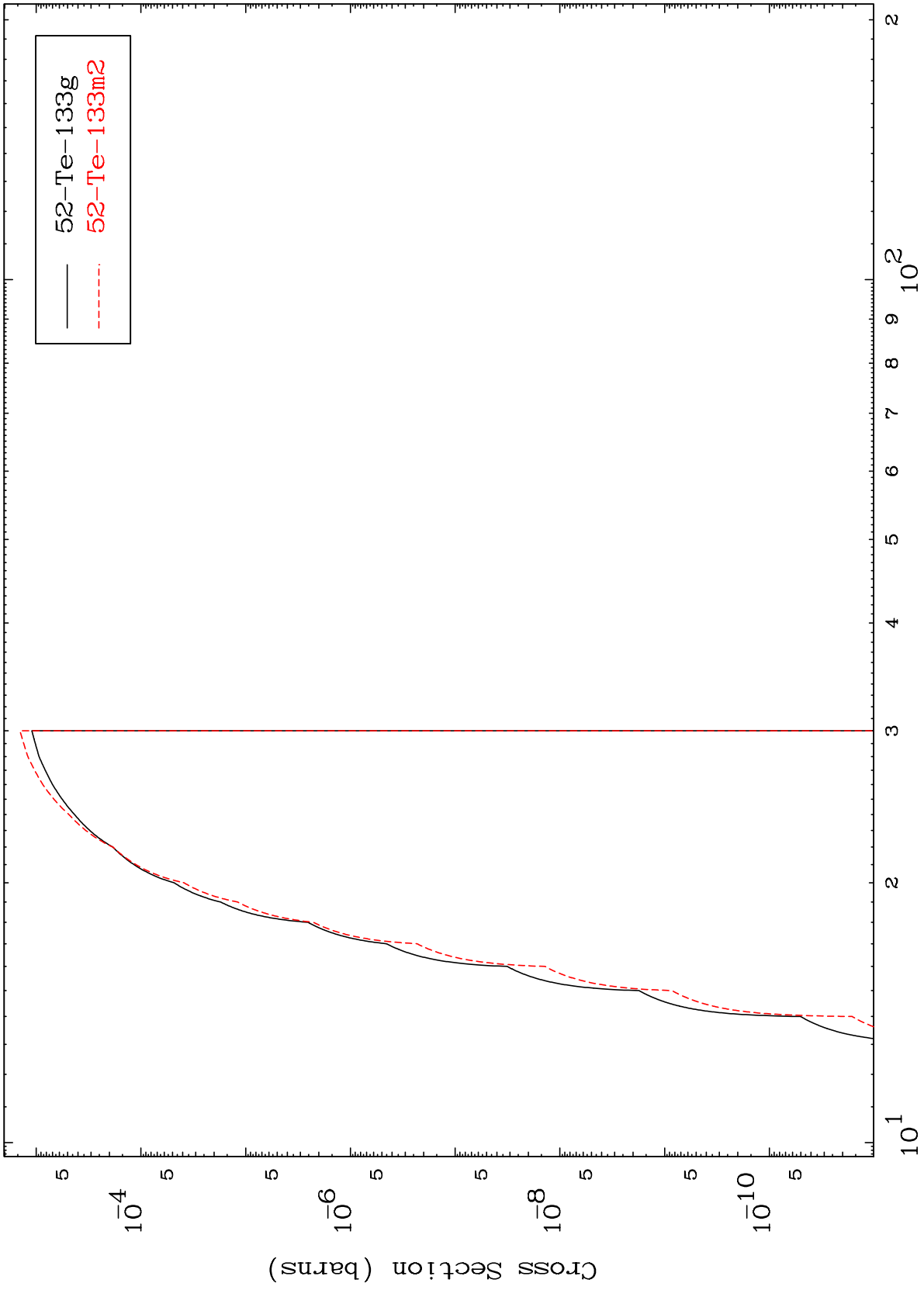
51-Sb-131

MAT 5155

(α, d)

51-Sb-131

Radionuclide Production Cross Section



51-Sb-131

Incident Energy (MeV)

20

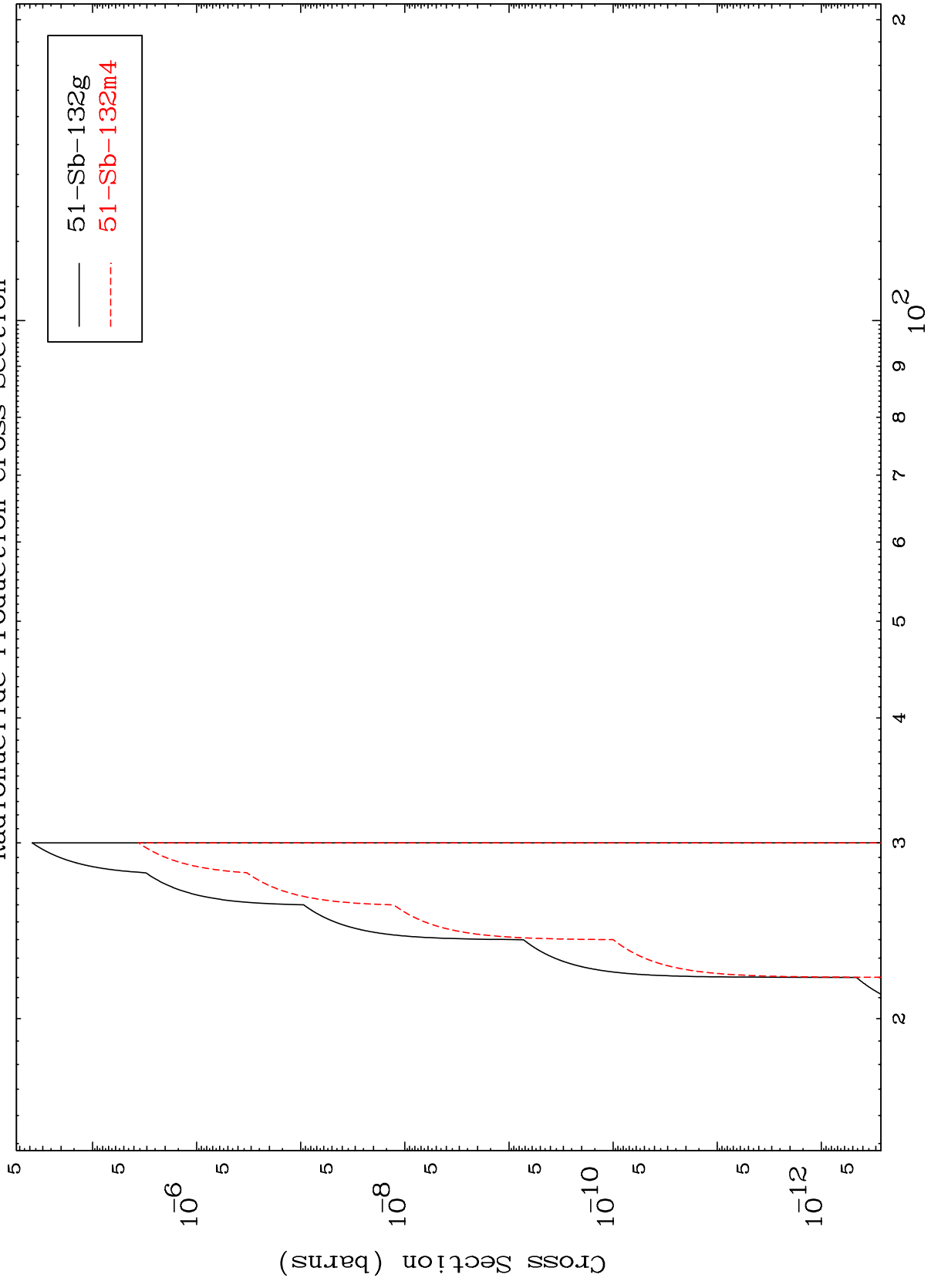
10²

MAT 5155

($\alpha, \text{He-3}$)

51-Sb-131

Radionuclide Production Cross Section



21

Incident Energy (MeV)

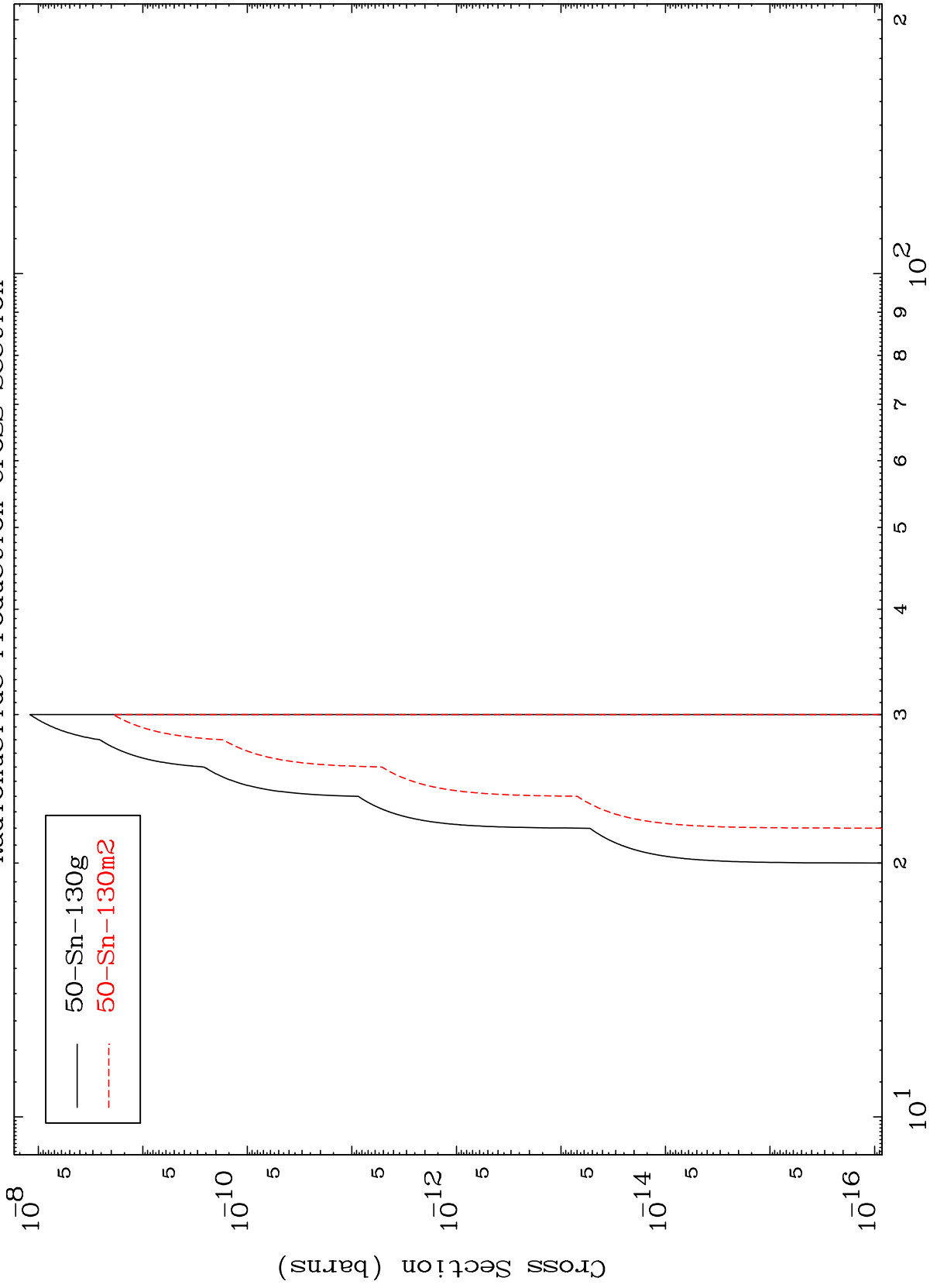
51-Sb-131

MAT 5155

(α, p) α

51-Sb-131

Radionuclide Production Cross Section



22

Incident Energy (MeV)

51-Sb-131