

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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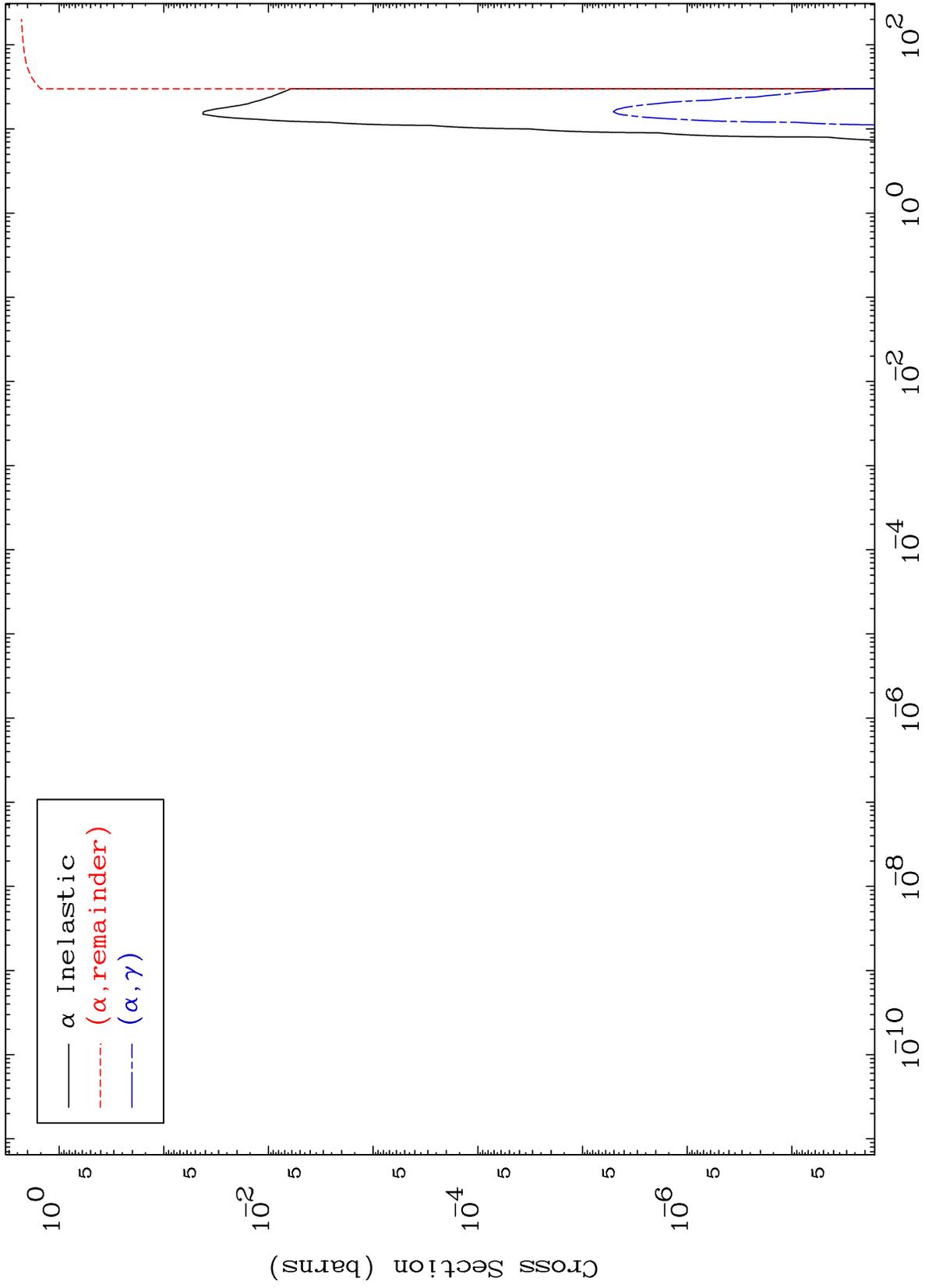
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5255

0 Kelvin α Major
Cross Sections

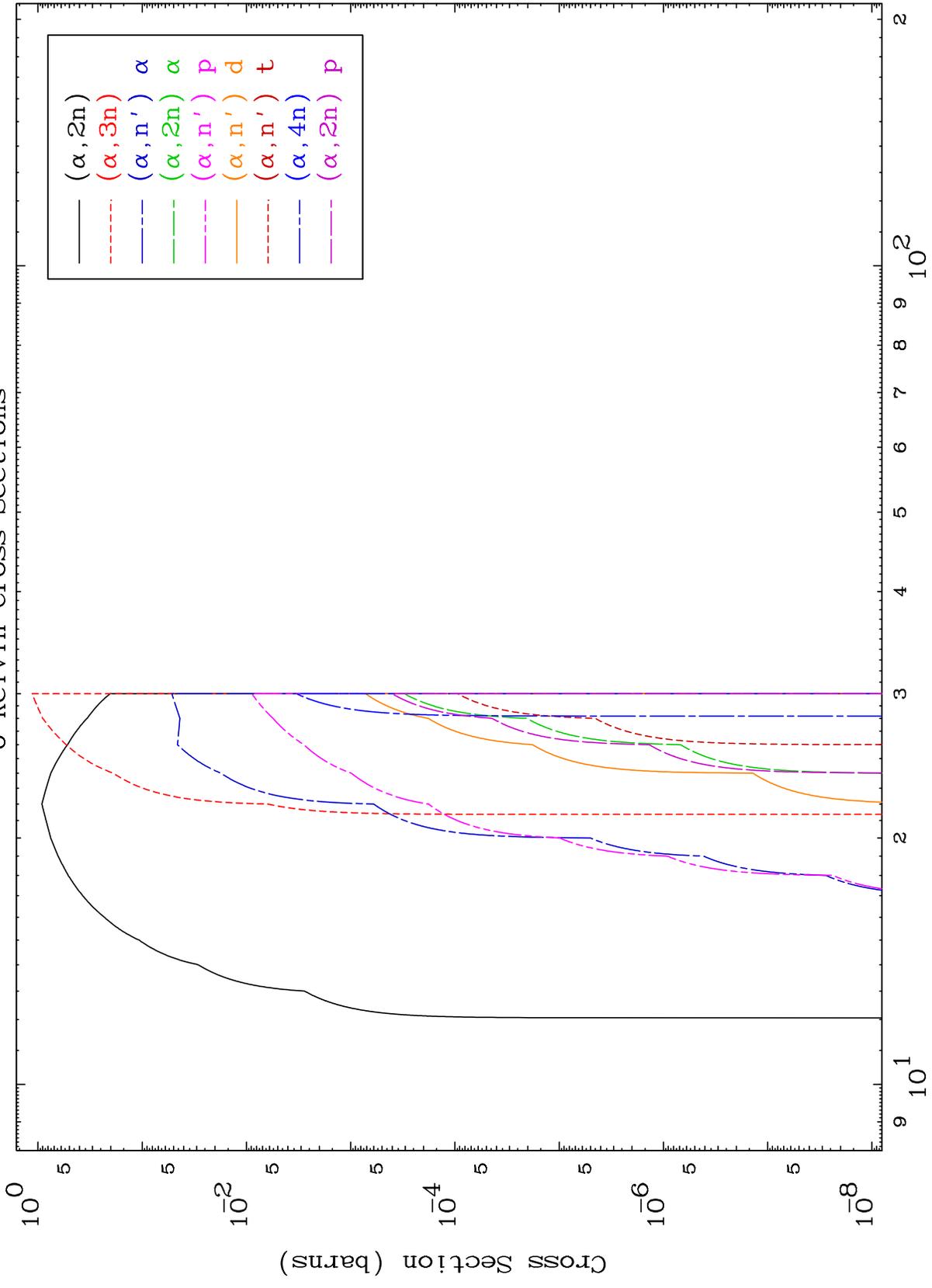
52-Te-130



MAT 5255

α Neutron Production
0 Kelvin Cross Sections

$^{52}\text{Te-130}$



2

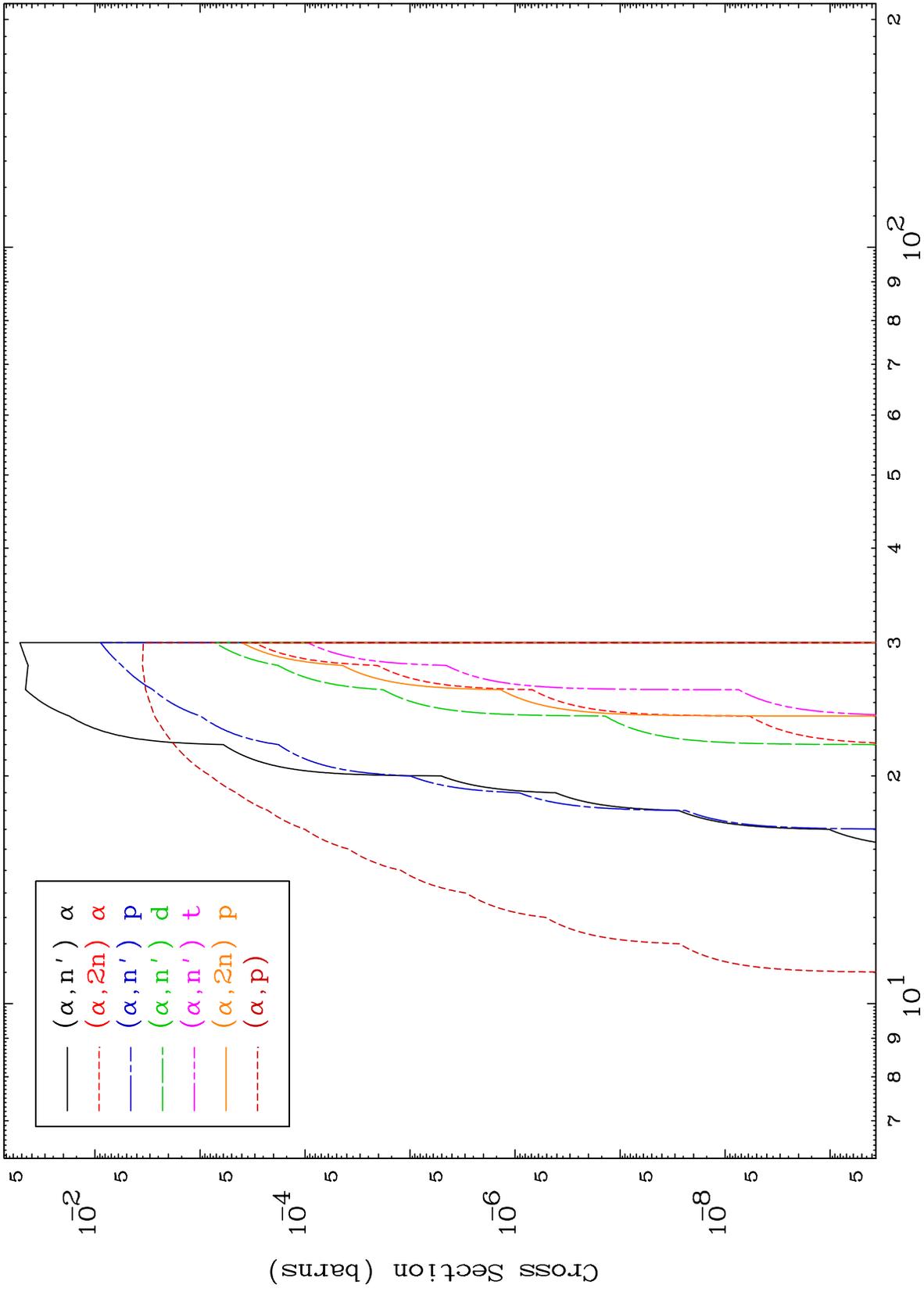
Incident Energy (MeV)

$^{52}\text{Te-130}$

MAT 5255

α Charged Particle
0 Kelvin Cross Sections

52-Te-130



3

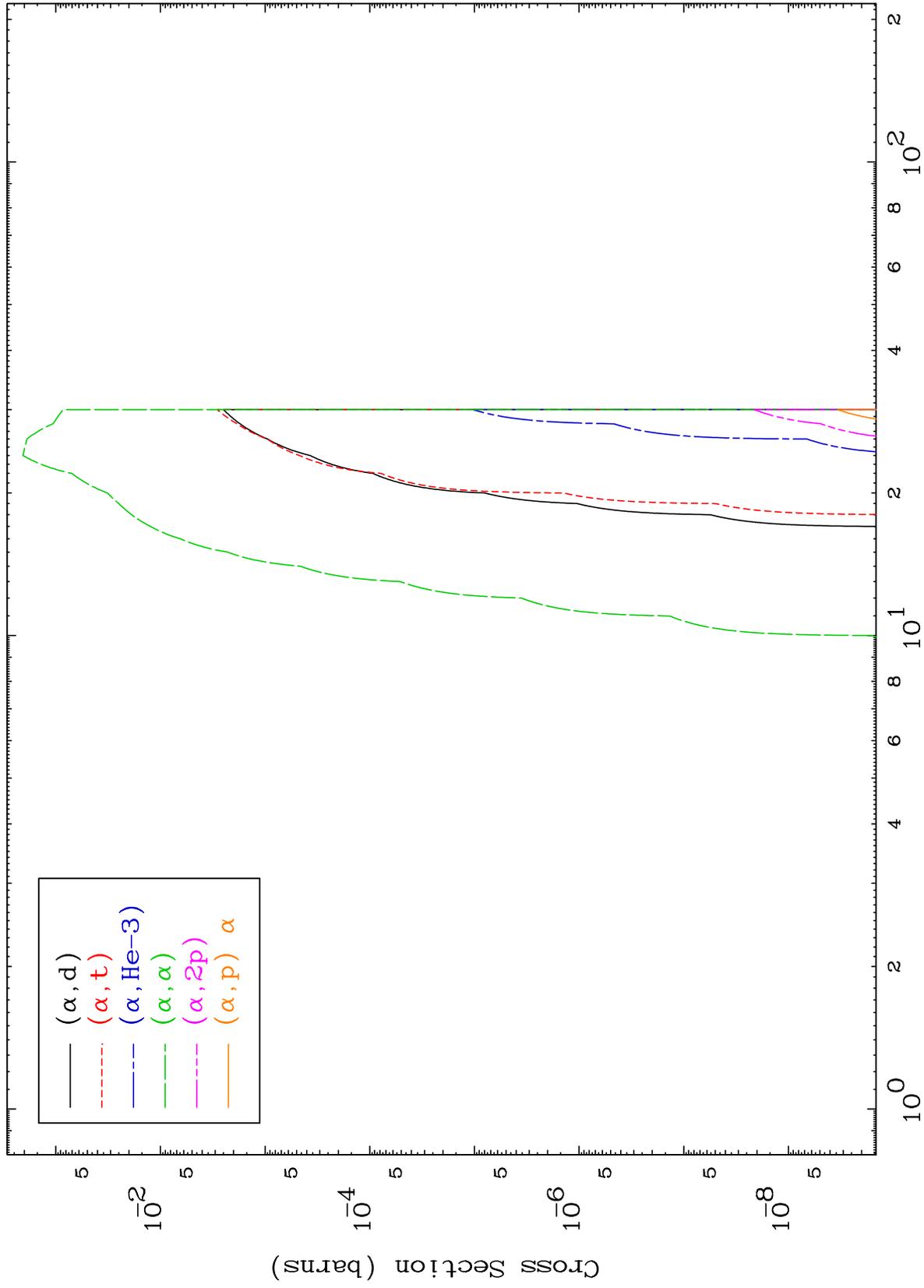
Incident Energy (MeV)

52-Te-130

MAT 5255

α Charged Particle
0 Kelvin Cross Sections

52-Te-130



4

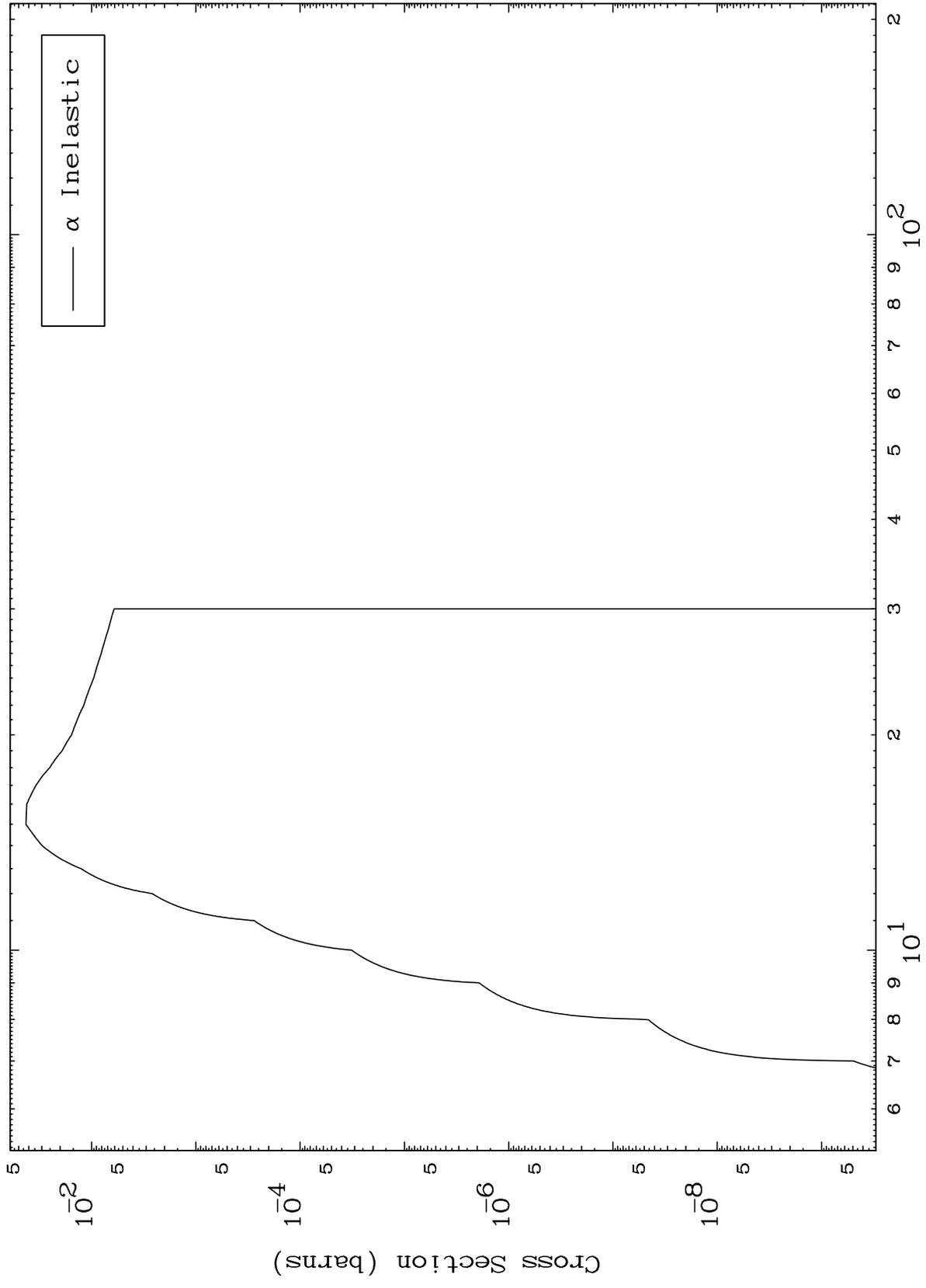
Incident Energy (MeV)

52-Te-130

MAT 5255

(α, n') Level
0 Kelvin Cross Sections

52-Te-130



5

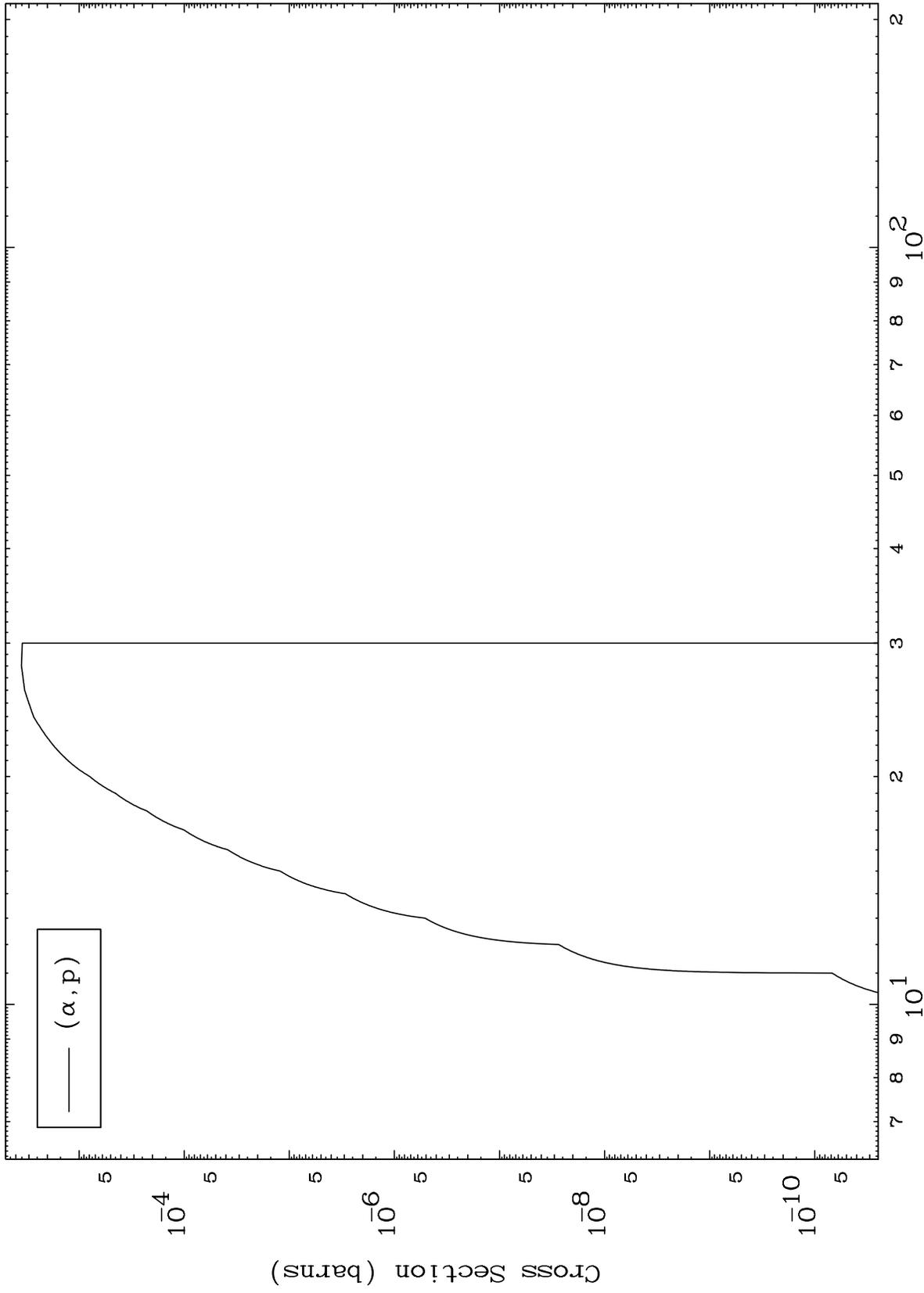
Incident Energy (MeV)

52-Te-130

MAT 5255

(α, p) Levels
0 Kelvin Cross Sections

52-Te-130



6

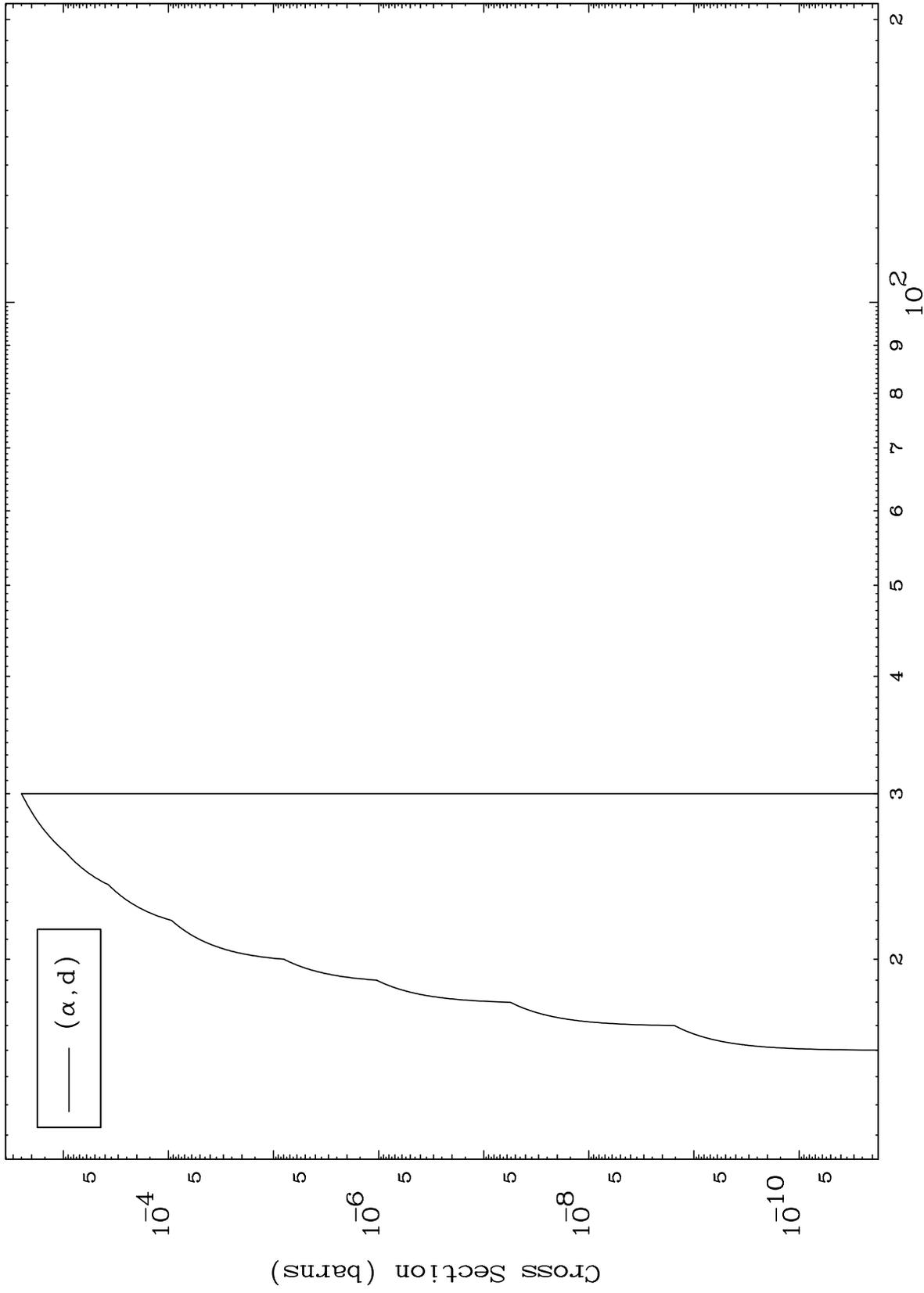
Incident Energy (MeV)

52-Te-130

MAT 5255

(α, d) Levels
0 Kelvin Cross Sections

52-Te-130



7

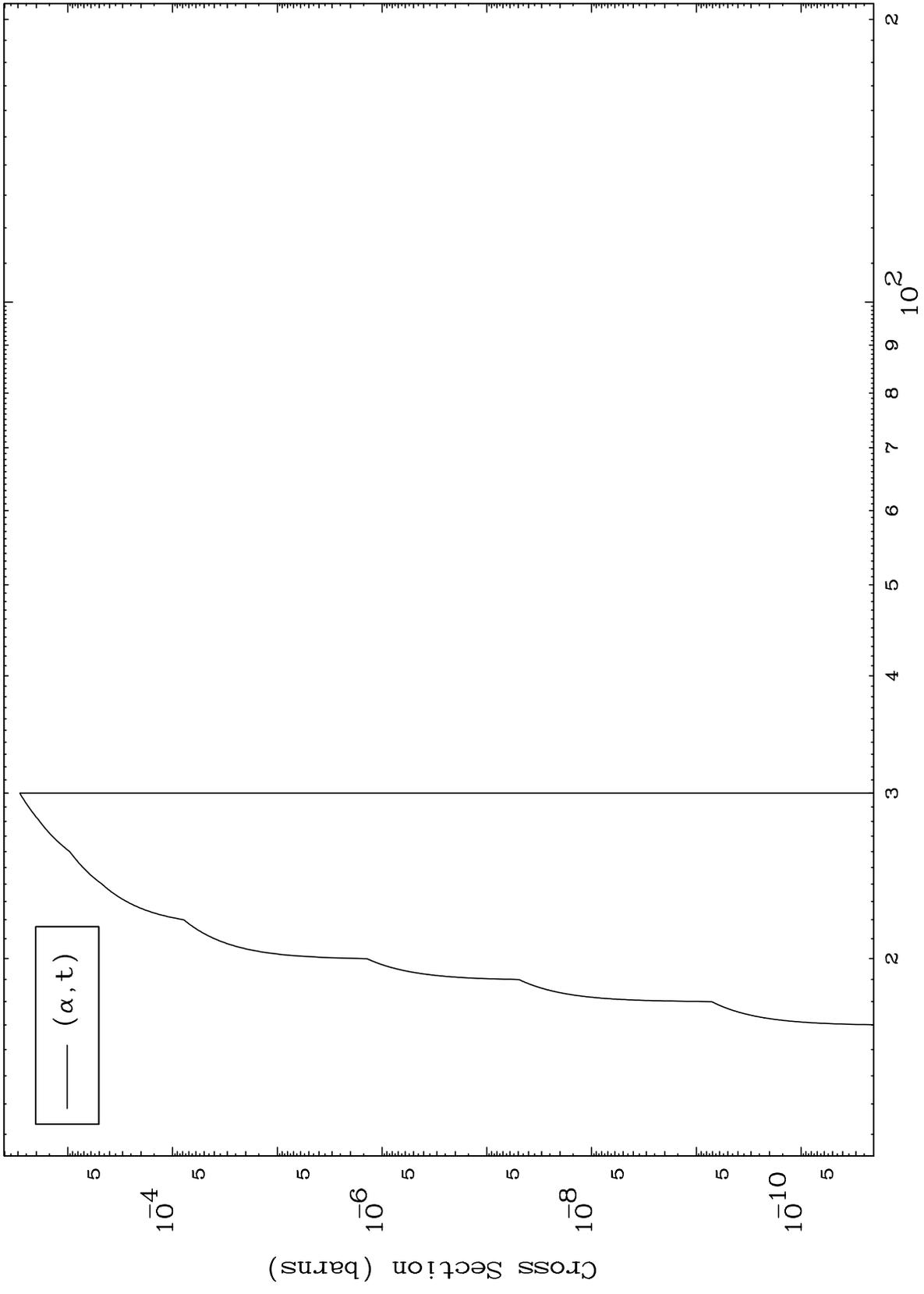
Incident Energy (MeV)

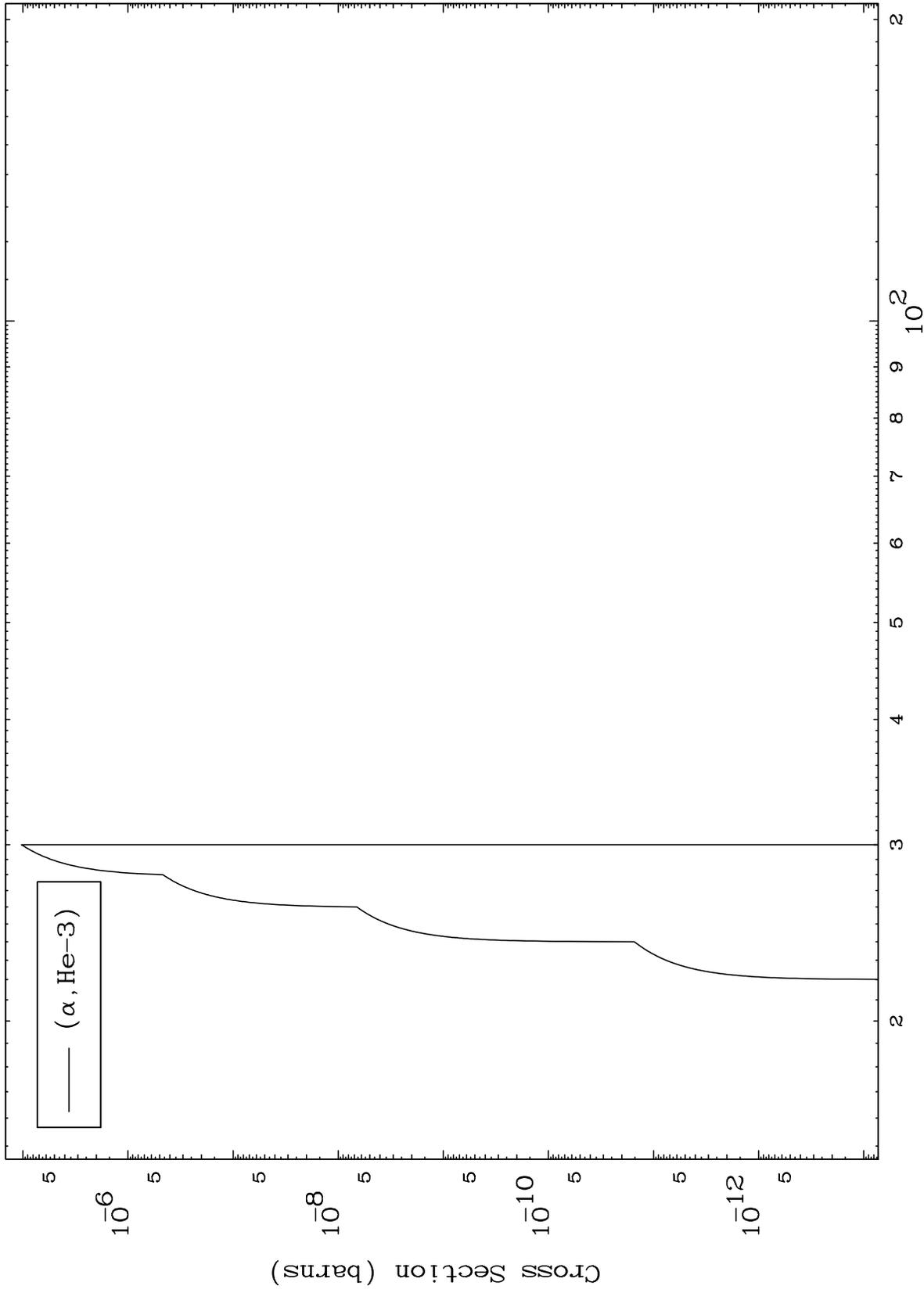
52-Te-130

MAT 5255

(α, t) Levels
0 Kelvin Cross Sections

52-Te-130

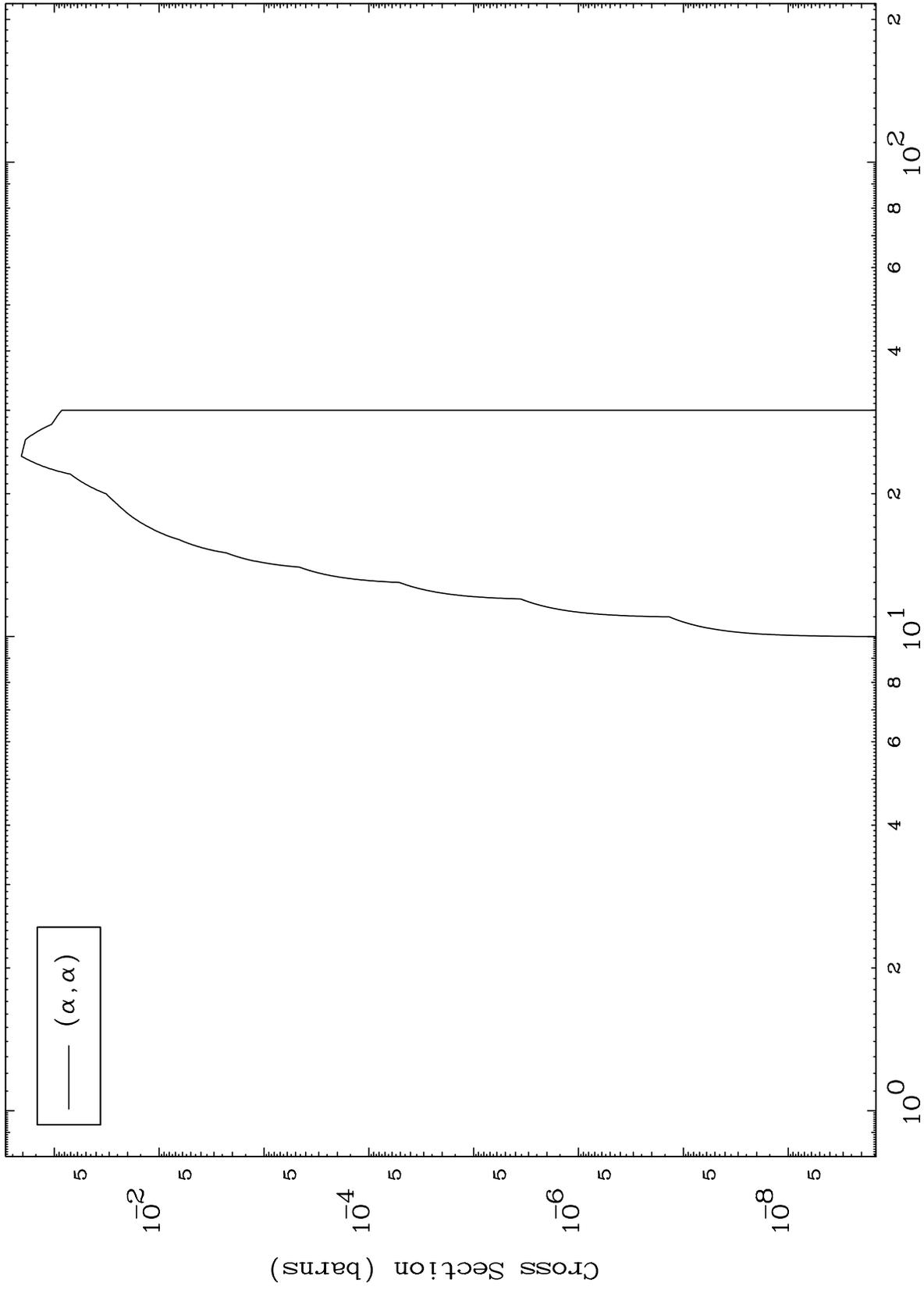




MAT 5255

(α, α) Levels
0 Kelvin Cross Sections

52-Te-130



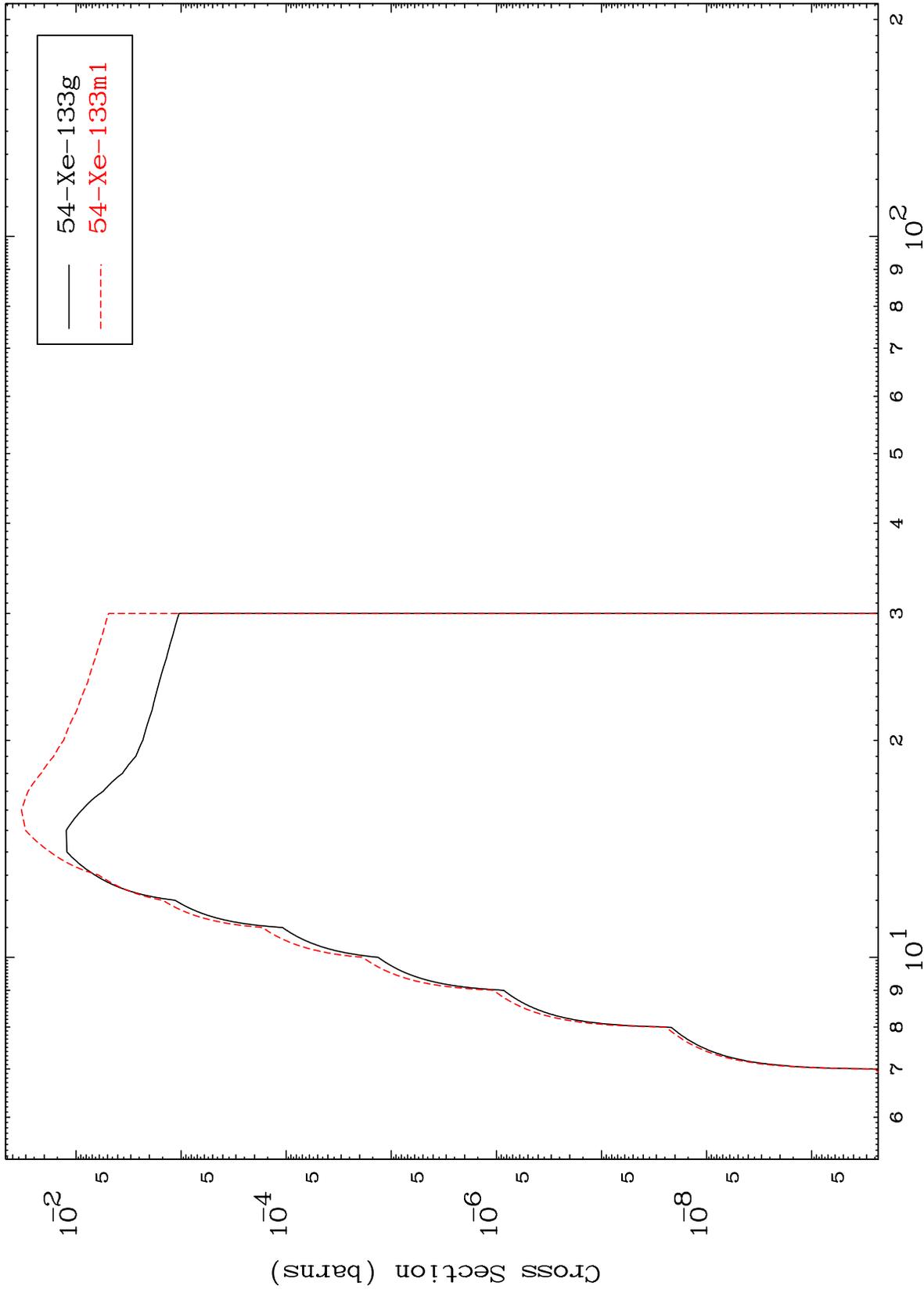
Incident Energy (MeV)

52-Te-130

MAT 5255

52-Te-130

α Inelastic
Radionuclide Production Cross Section



11

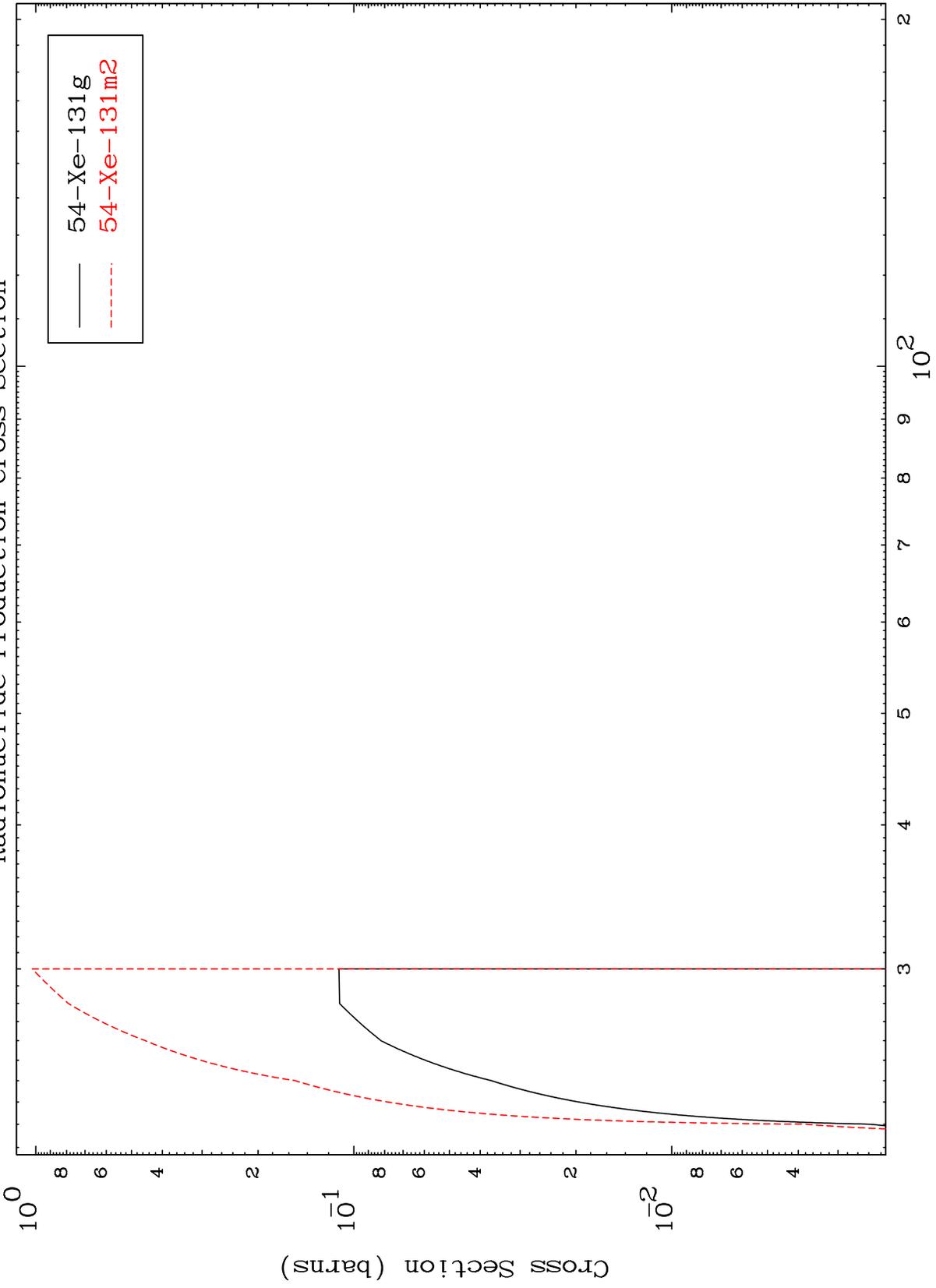
Incident Energy (MeV)

52-Te-130

MAT 5255

52-Te-130

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



12

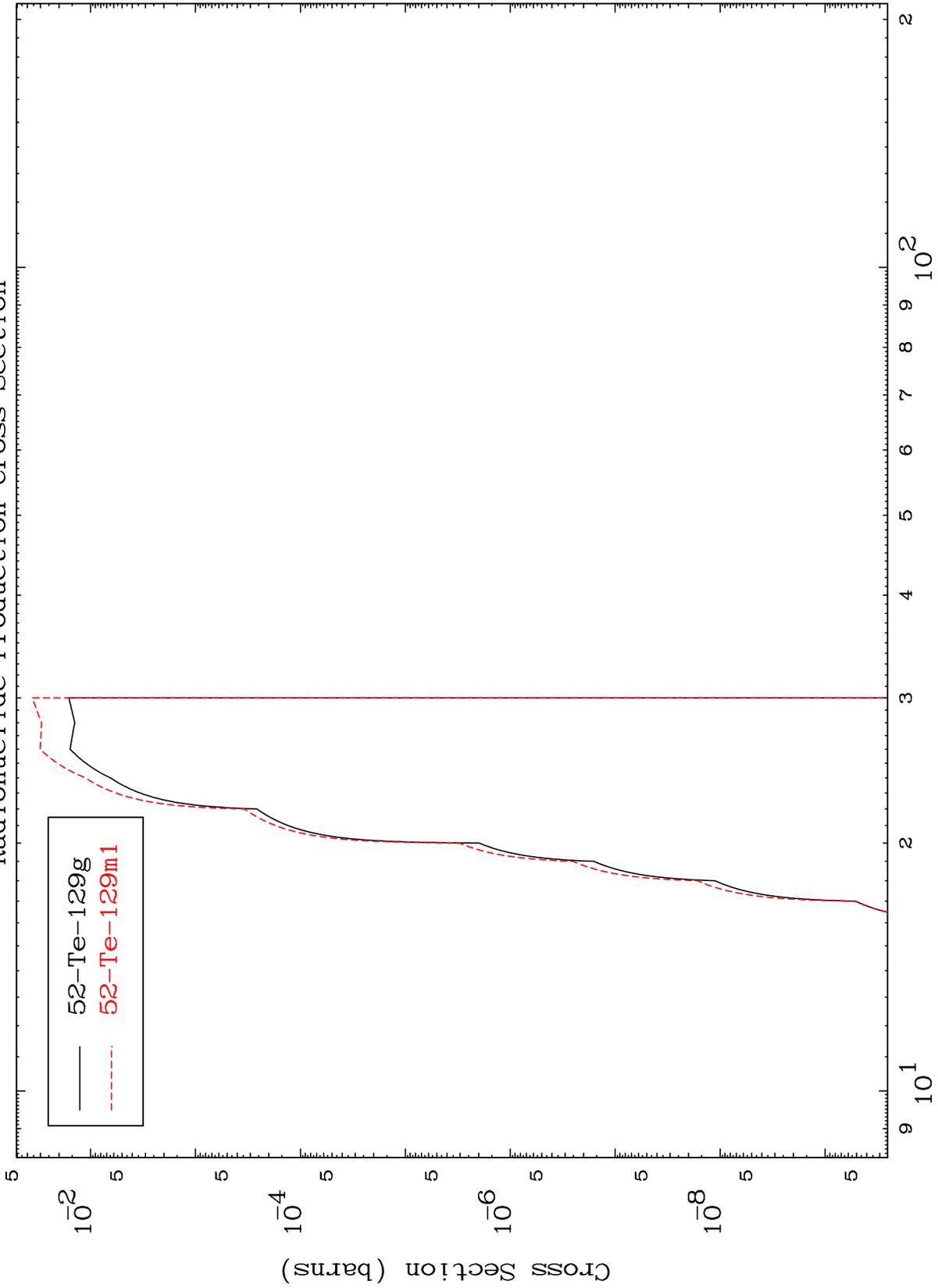
Incident Energy (MeV)

52-Te-130

MAT 5255

52-Te-130

(α, n') α
Radionuclide Production Cross Section

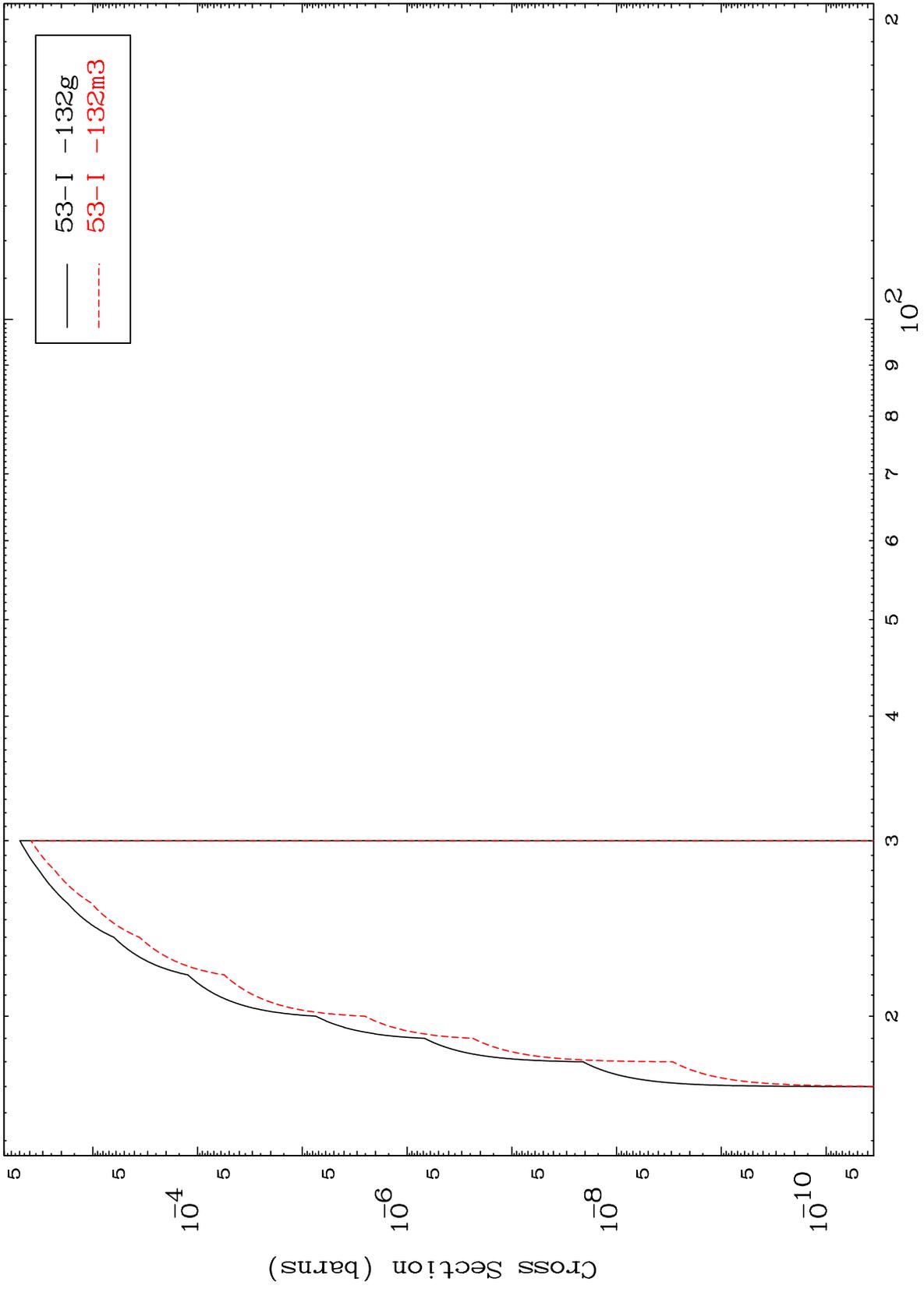


MAT 5255

(α, n') p

⁵²Te-130

Radionuclide Production Cross Section



14

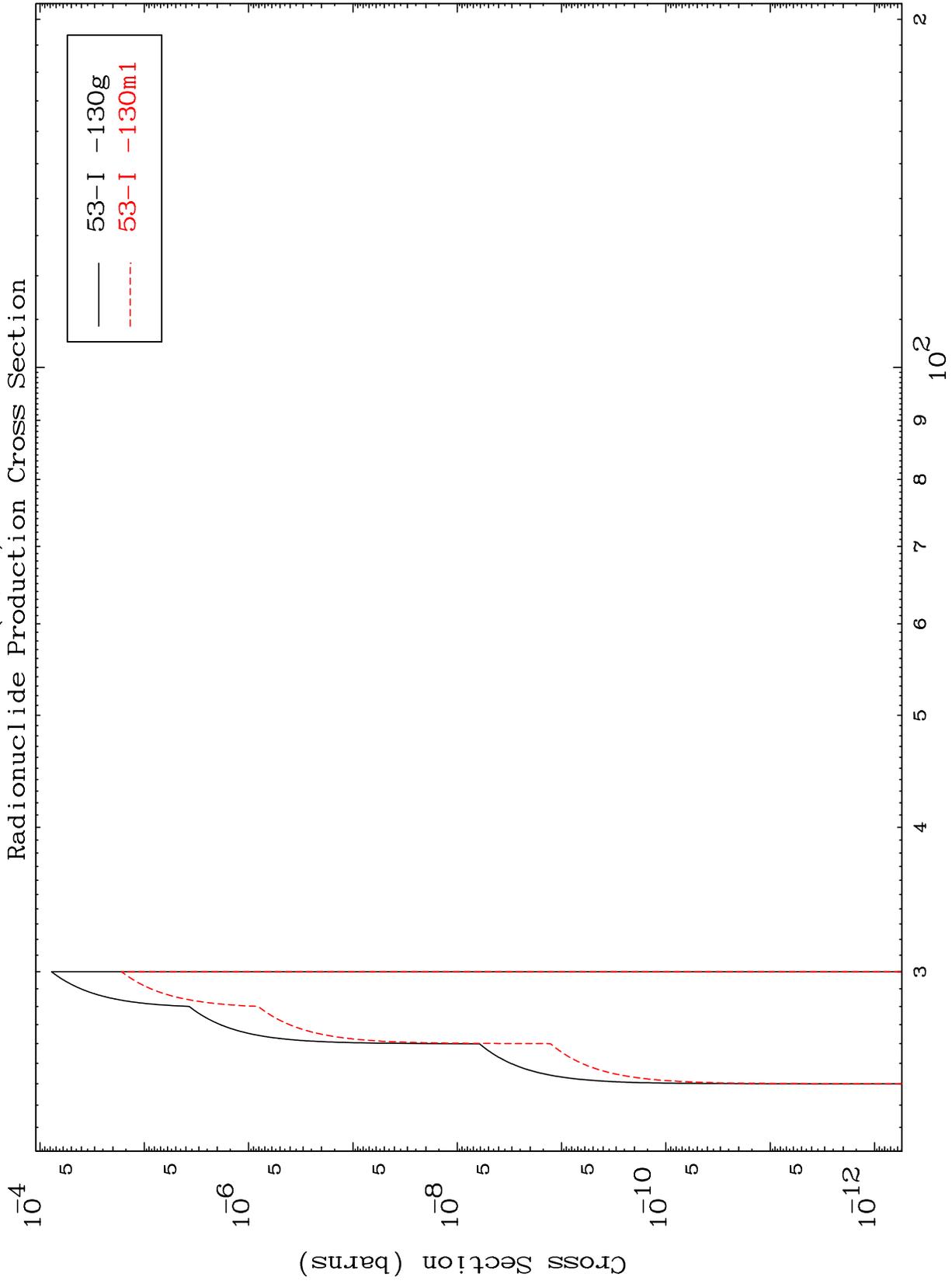
Incident Energy (MeV)

⁵²Te-130

MAT 5255

(α, n') t

⁵²Te-130



15

Incident Energy (MeV)

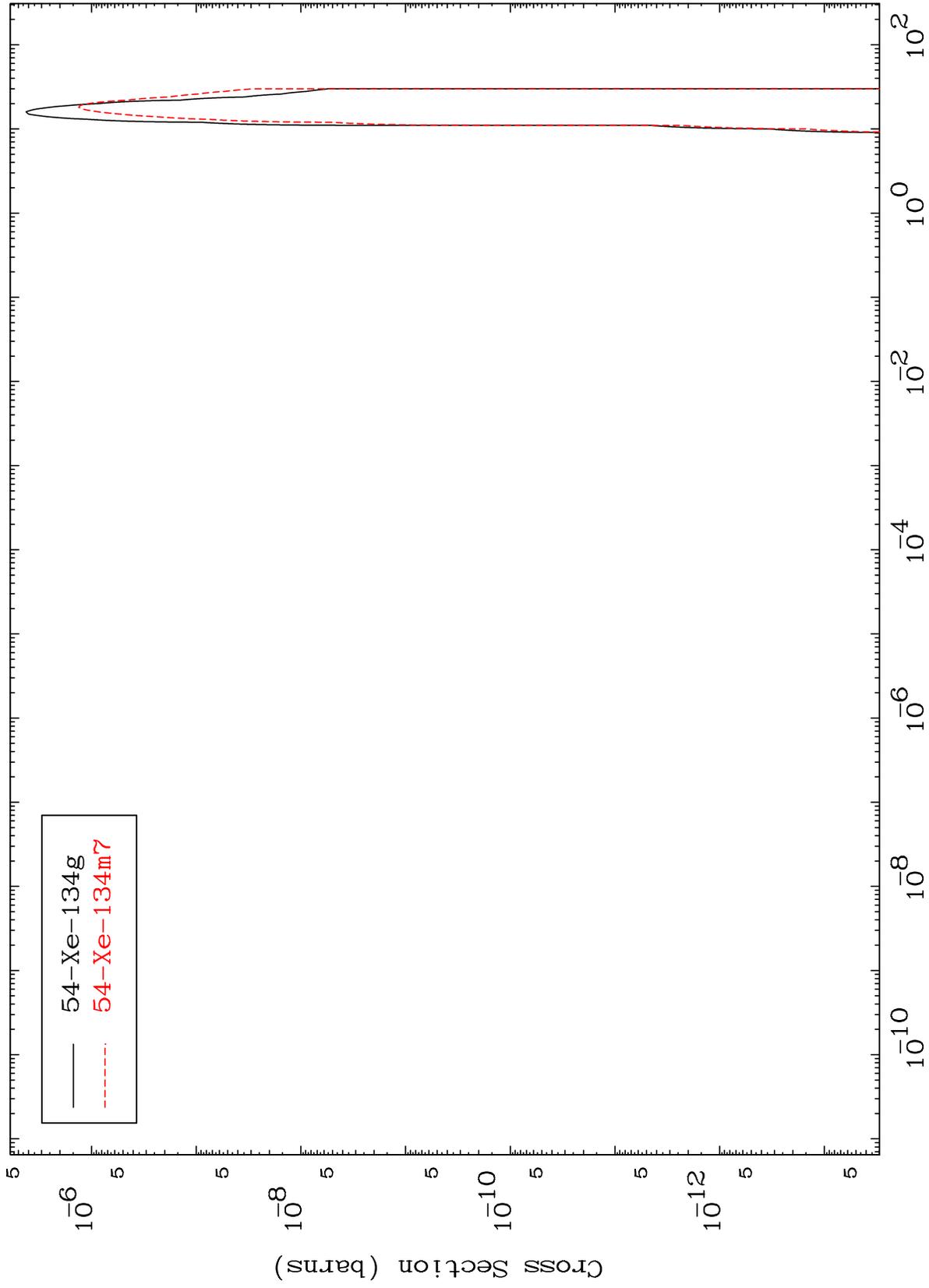
⁵²Te-130

MAT 5255

(α, γ)

52-Te-130

Radionuclide Production Cross Section



16

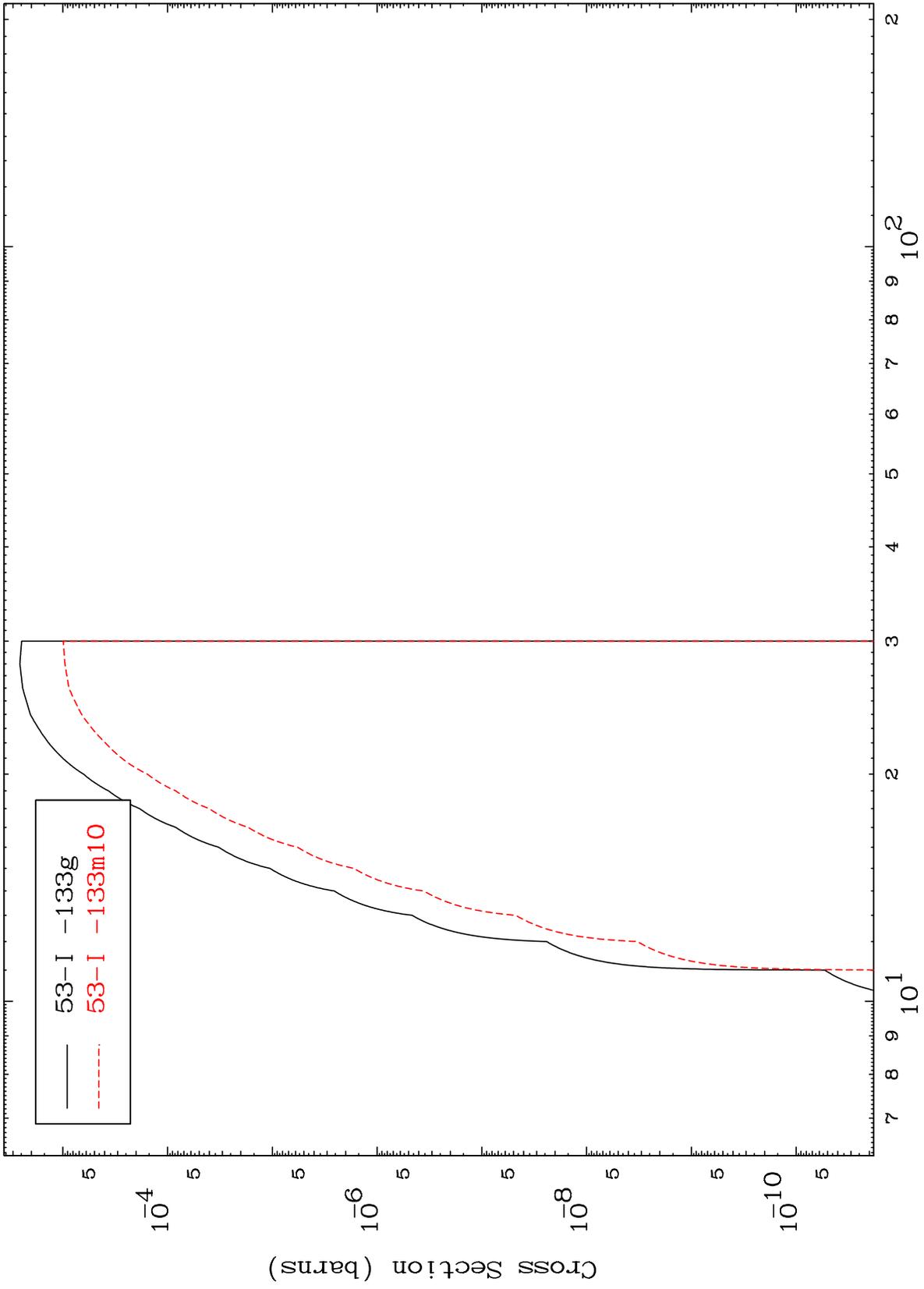
Incident Energy (MeV)

52-Te-130

MAT 5255

52-Te-130

(α, p)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

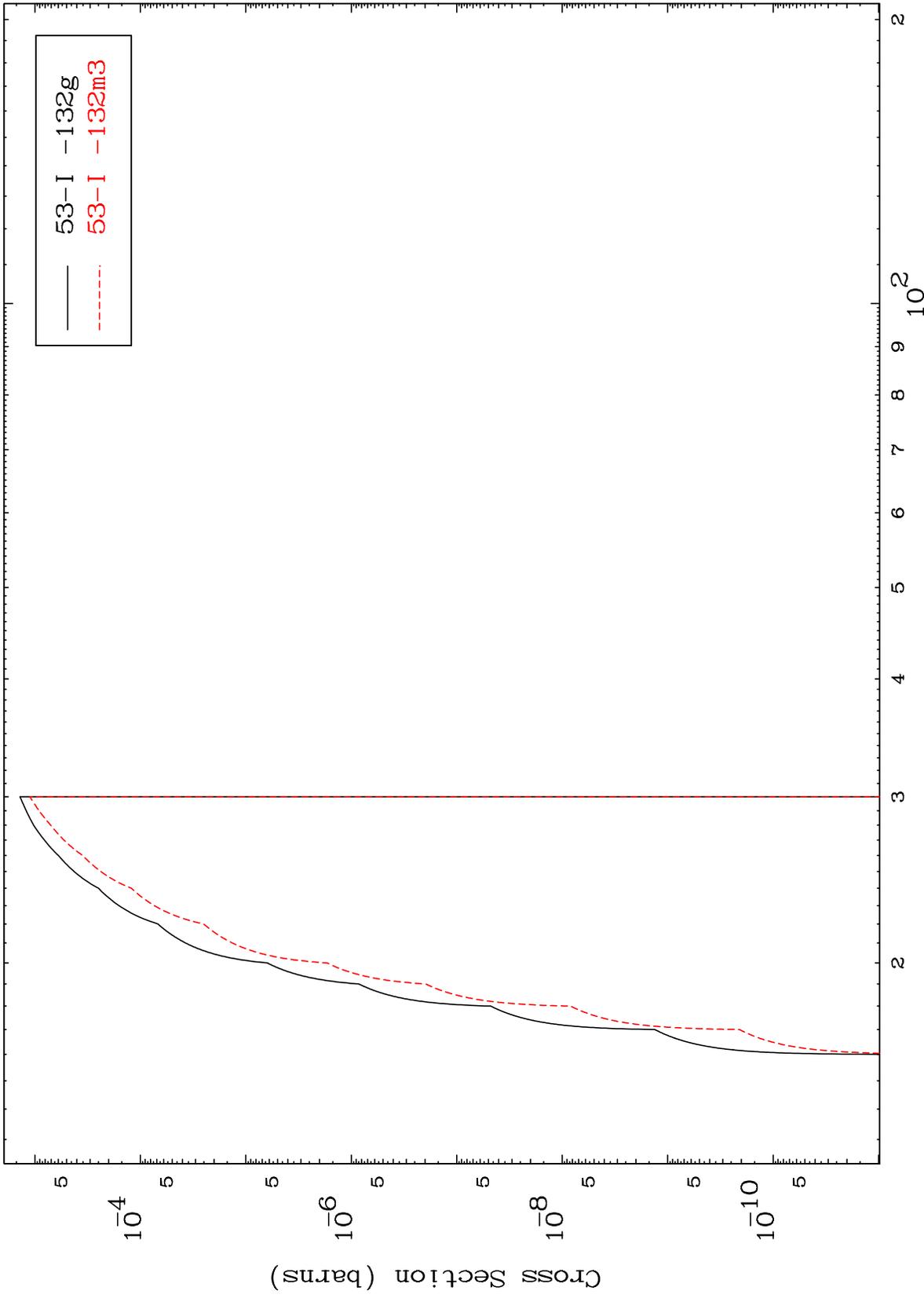
52-Te-130

MAT 5255

(α, d)

⁵²Te-130

Radionuclide Production Cross Section



18

Incident Energy (MeV)

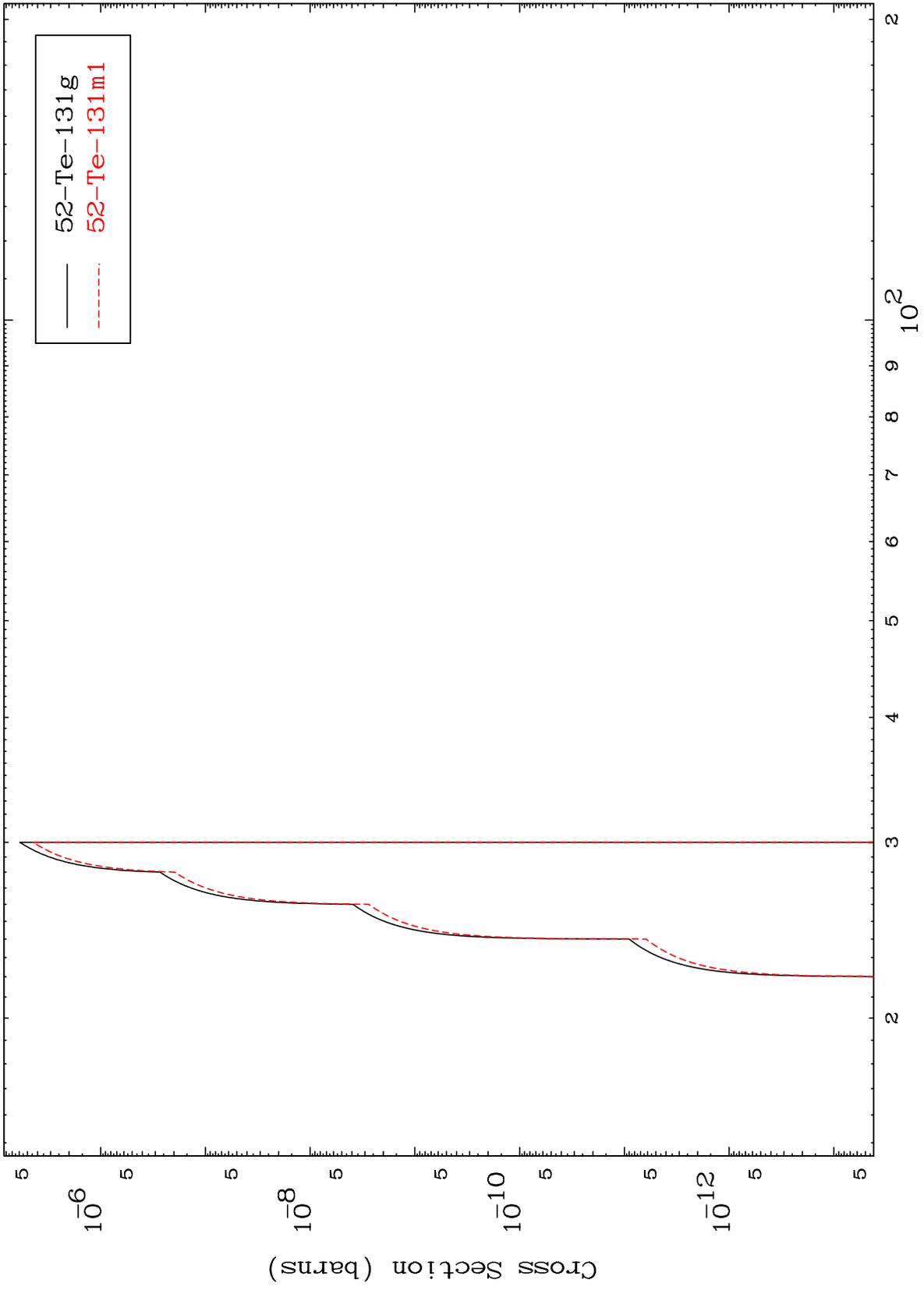
⁵²Te-130

MAT 5255

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

$^{52}\text{Te-130}$

Radionuclide Production Cross Section



19

Incident Energy (MeV)

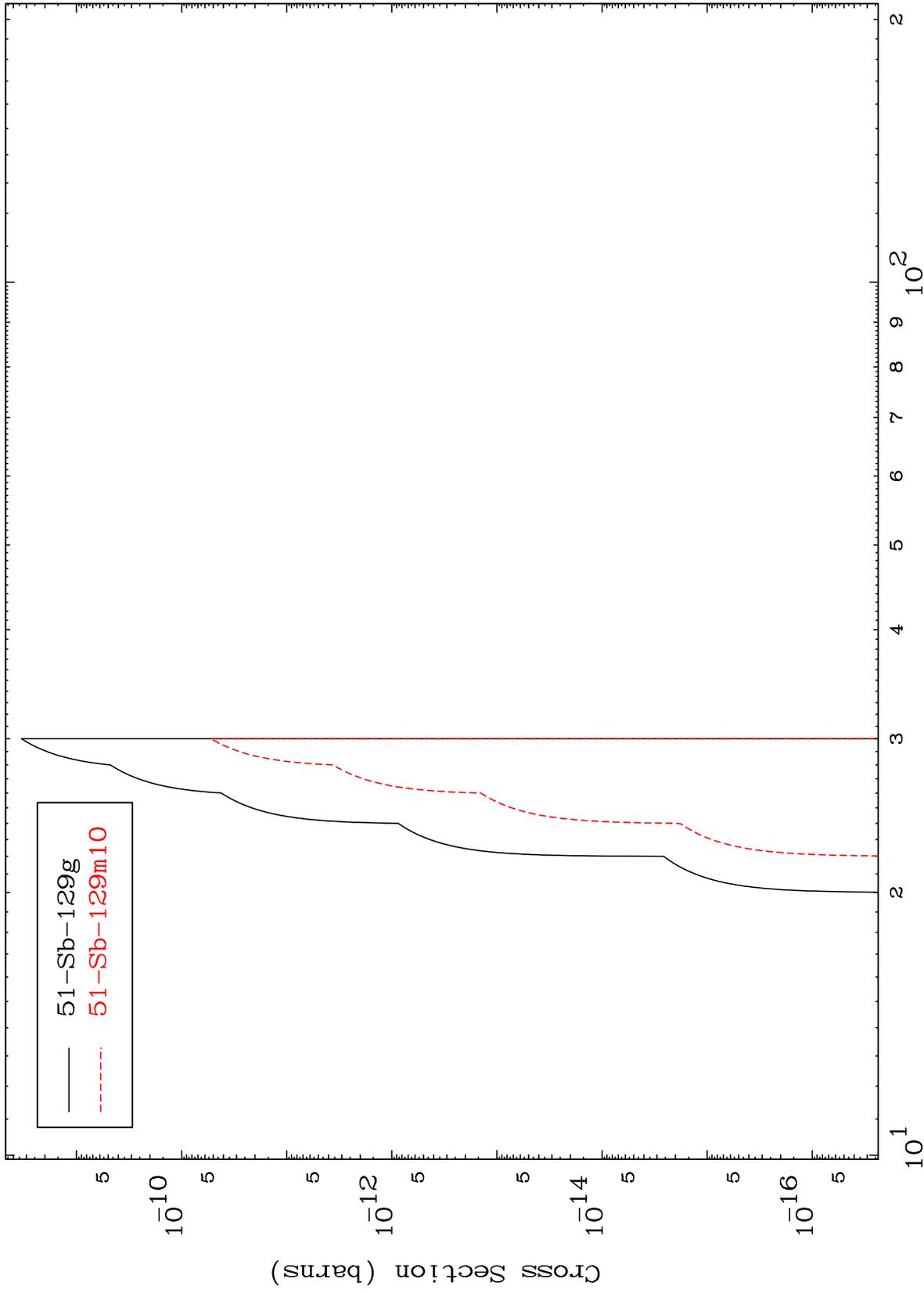
$^{52}\text{Te-130}$

MAT 5255

(α, p) α

52-Te-130

Radionuclide Production Cross Section



20

Incident Energy (MeV)

52-Te-130