

Program EVALPLOT
(Version 2018-1)

by

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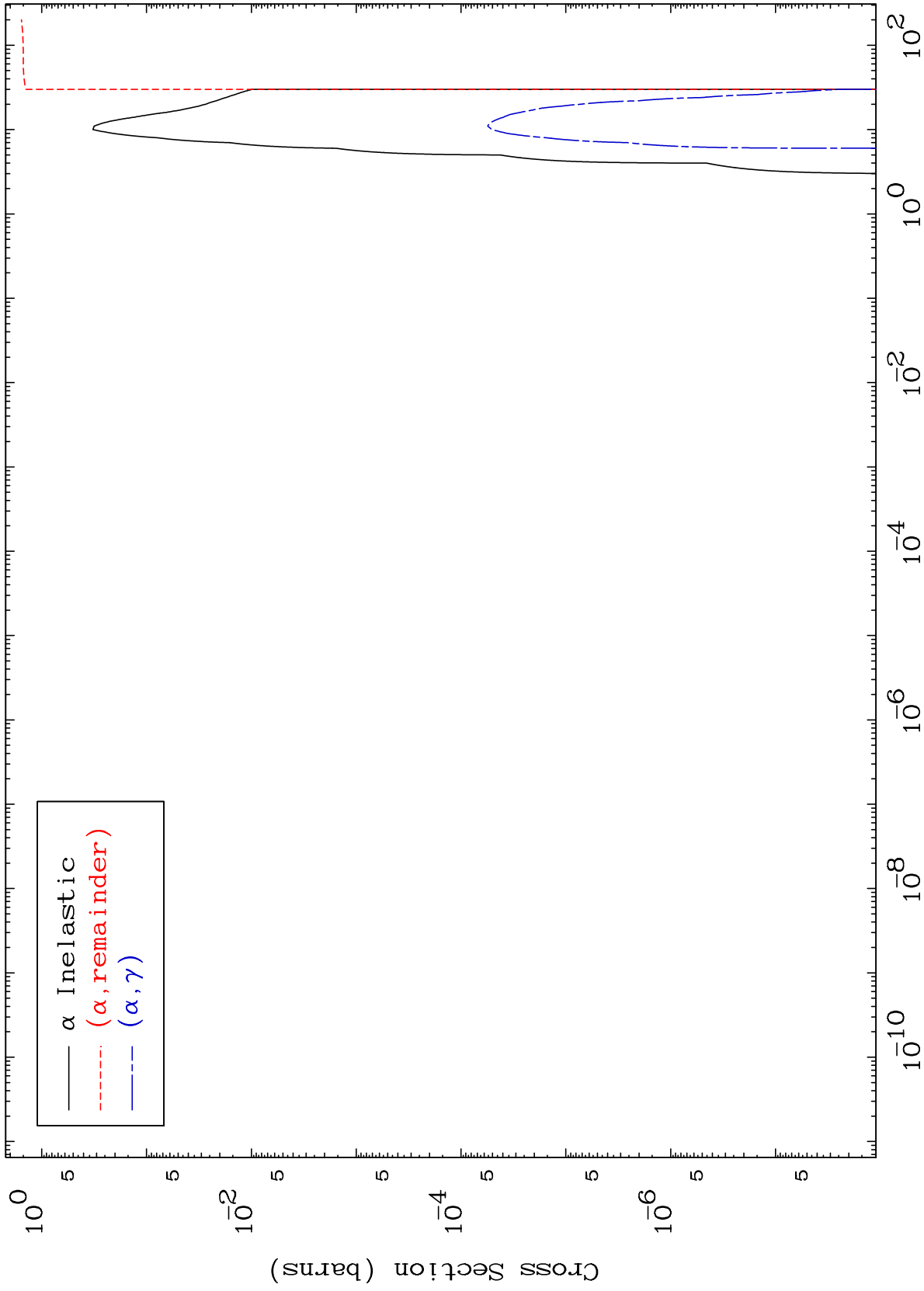
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2531

0 Kelvin α Major
Cross Sections

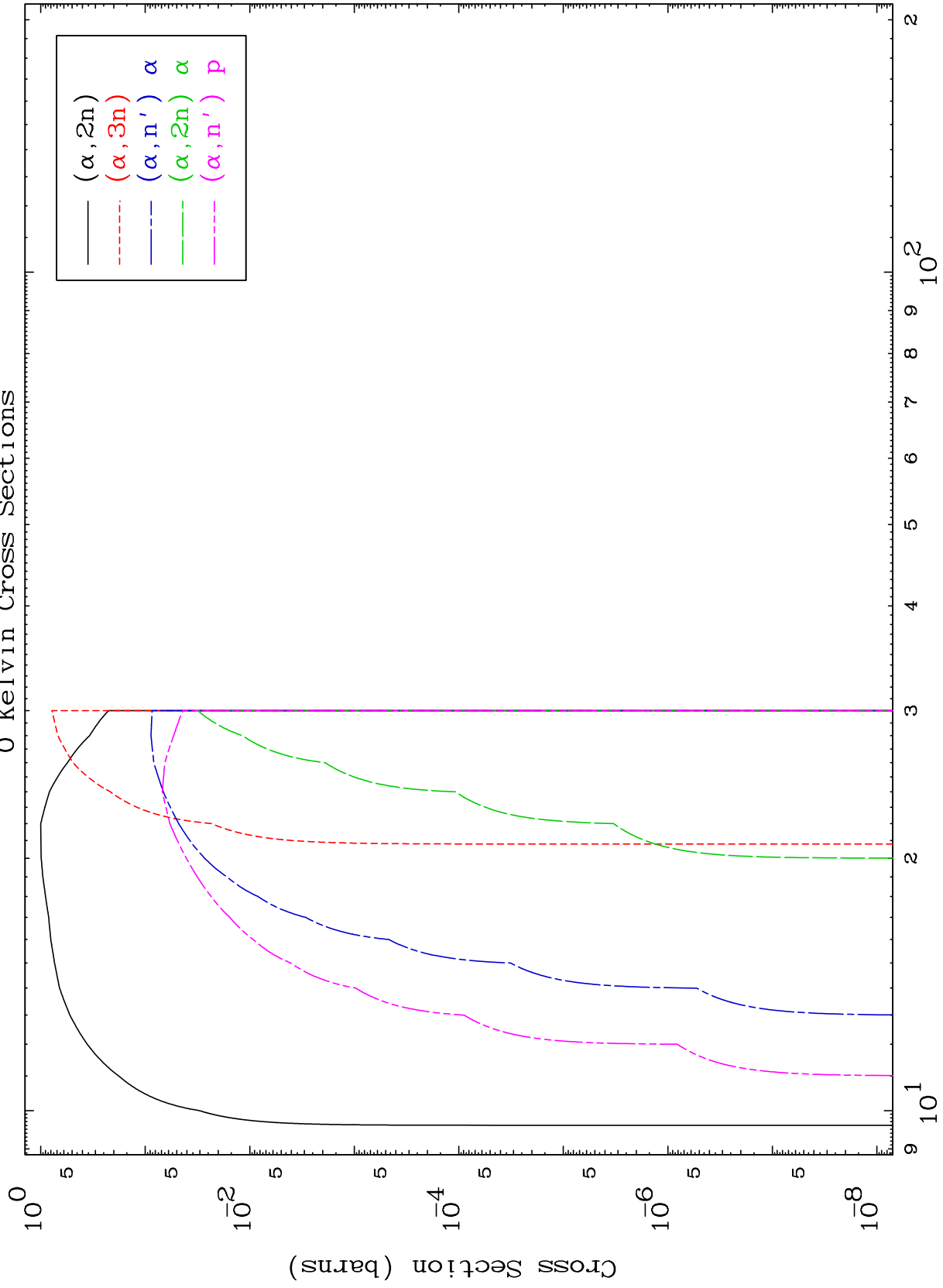
25-Mn-57



MAT 2531

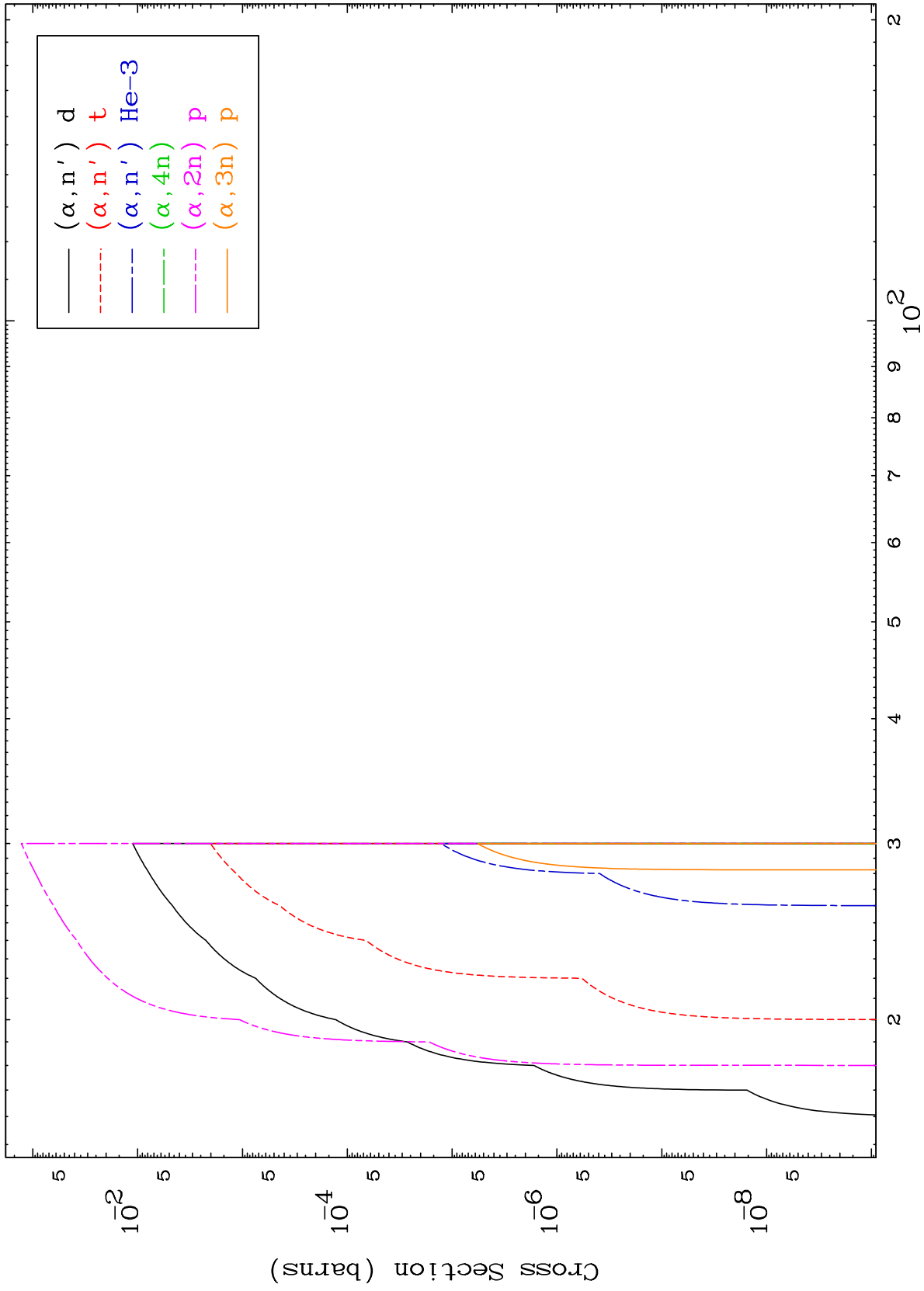
α Neutron Production
0 Kelvin Cross Sections

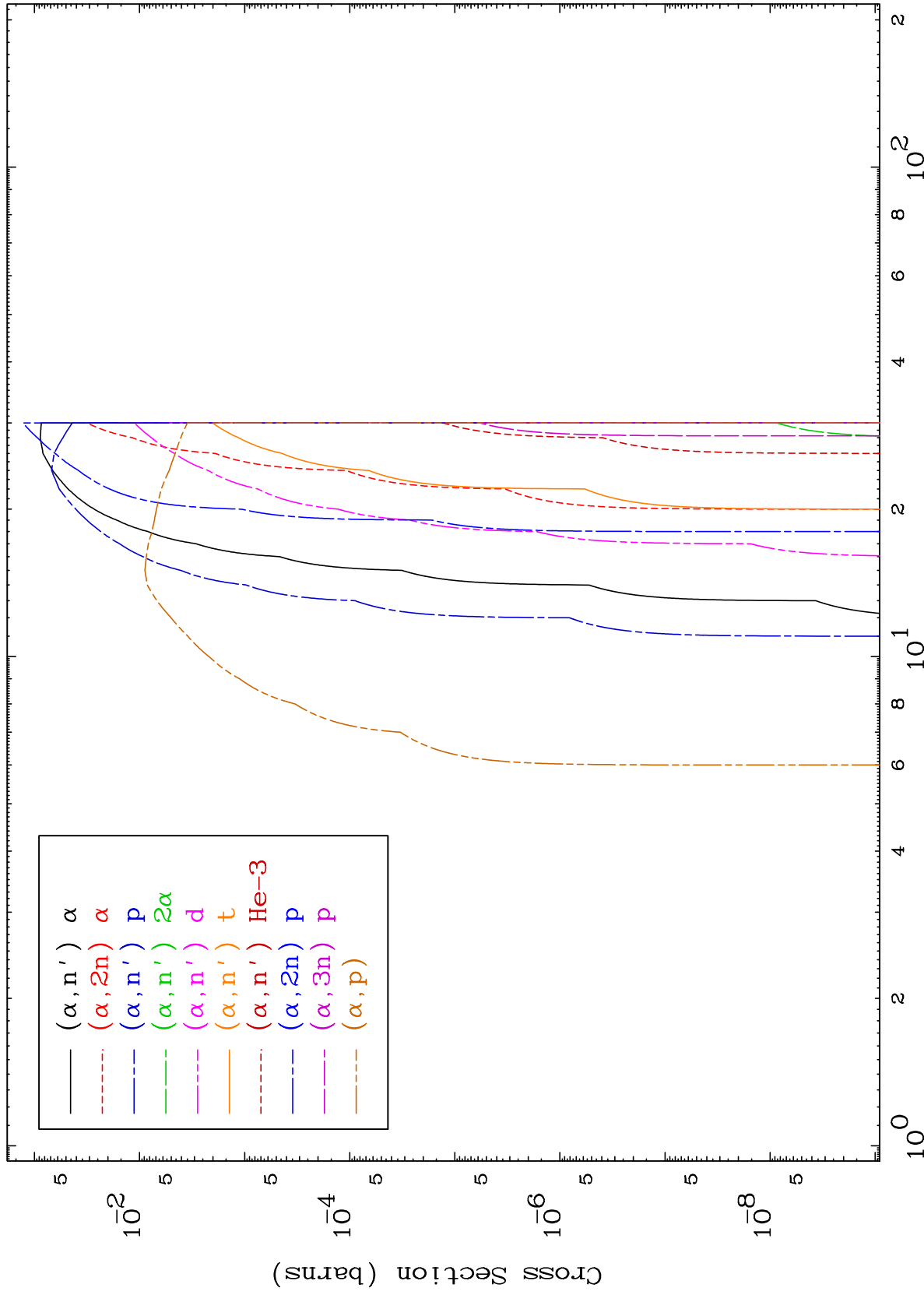
25-Mn-57

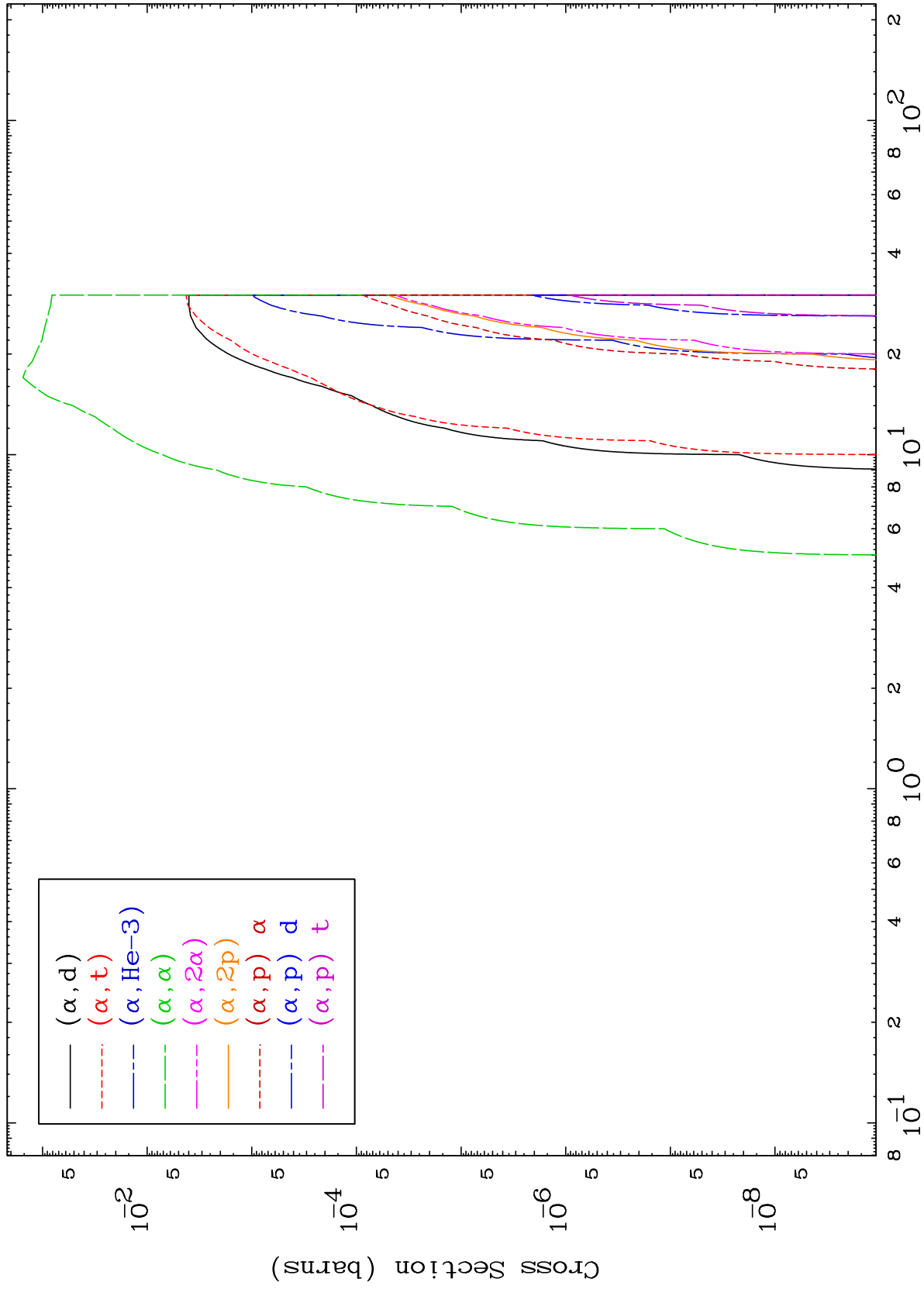


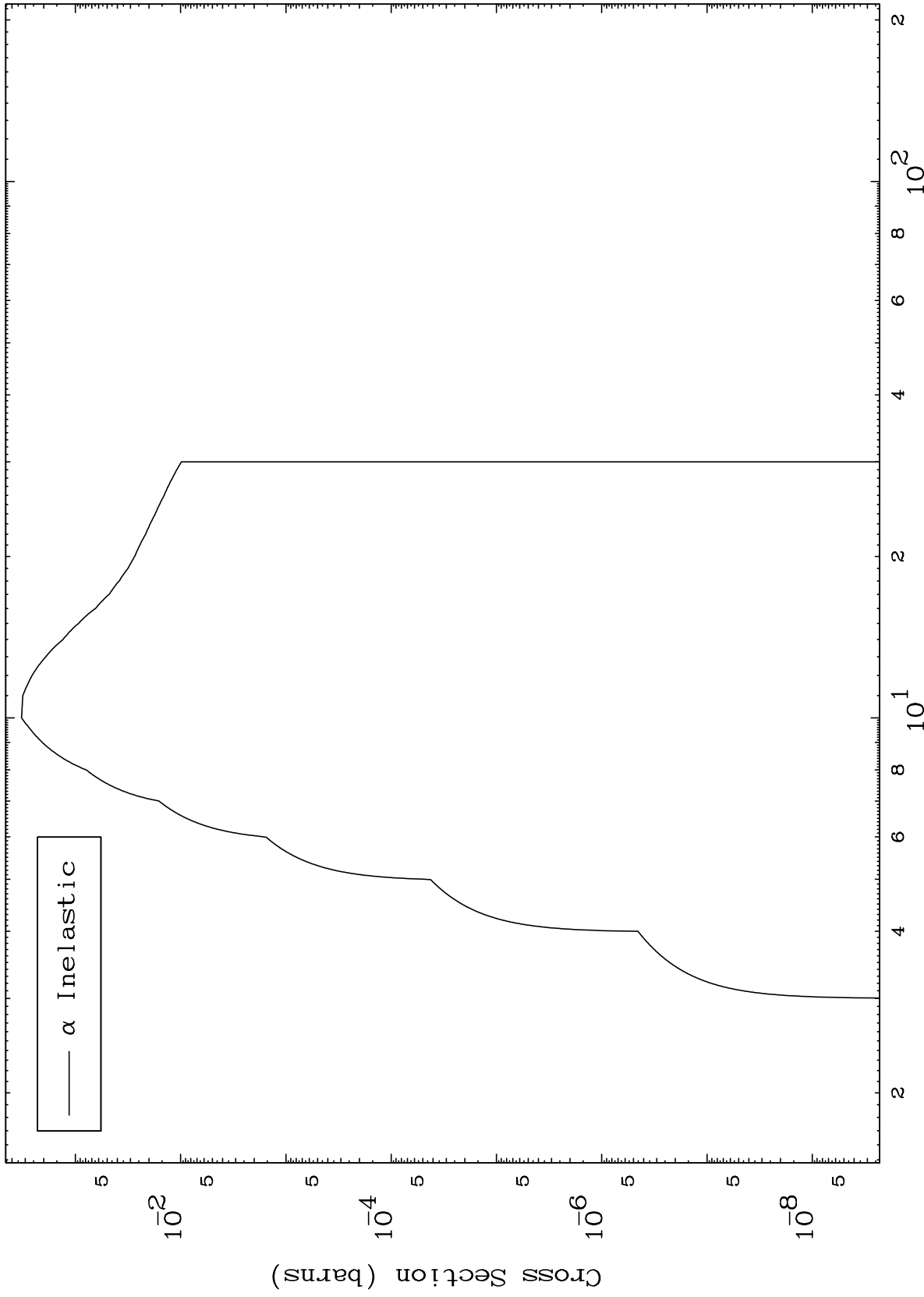
Incident Energy (MeV)

25-Mn-57





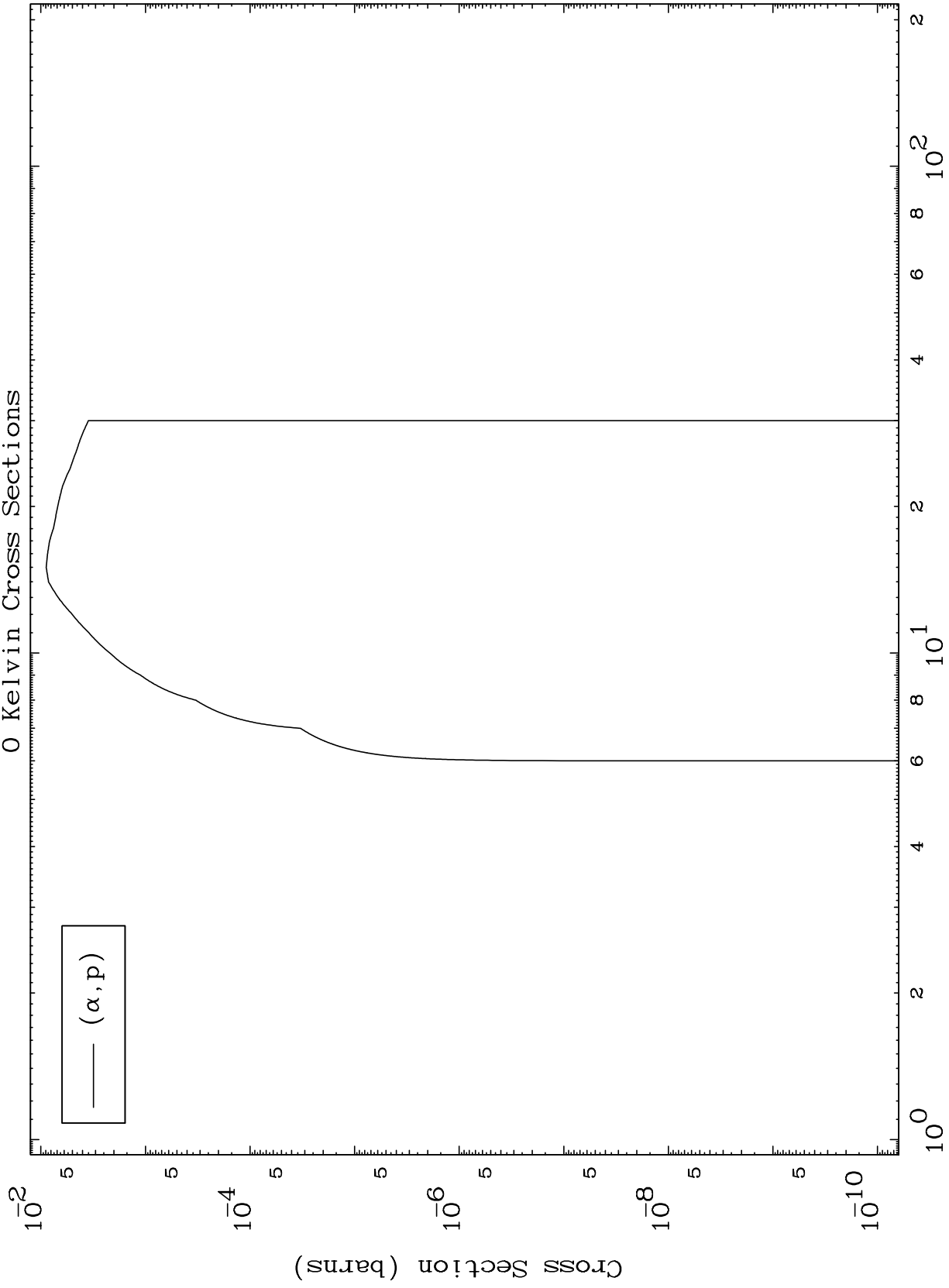




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(α, p) Levels
0 Kelvin Cross Sections

$^{25}\text{Mn}-57$



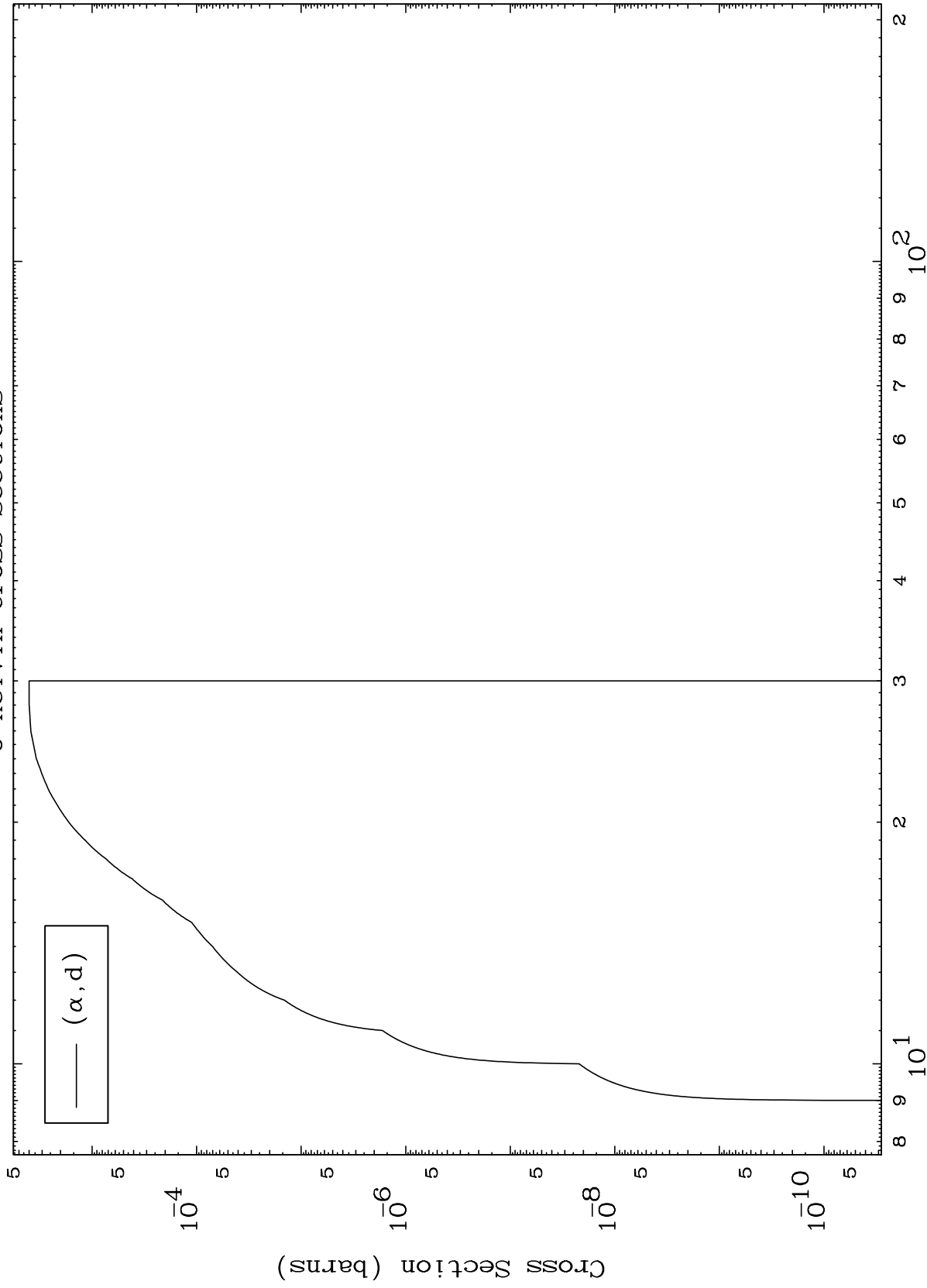
Incident Energy (MeV)

$^{25}\text{Mn}-57$

MAT 2531

(α, d) Levels
0 Kelvin Cross Sections

$^{25}\text{Mn}-57$



8

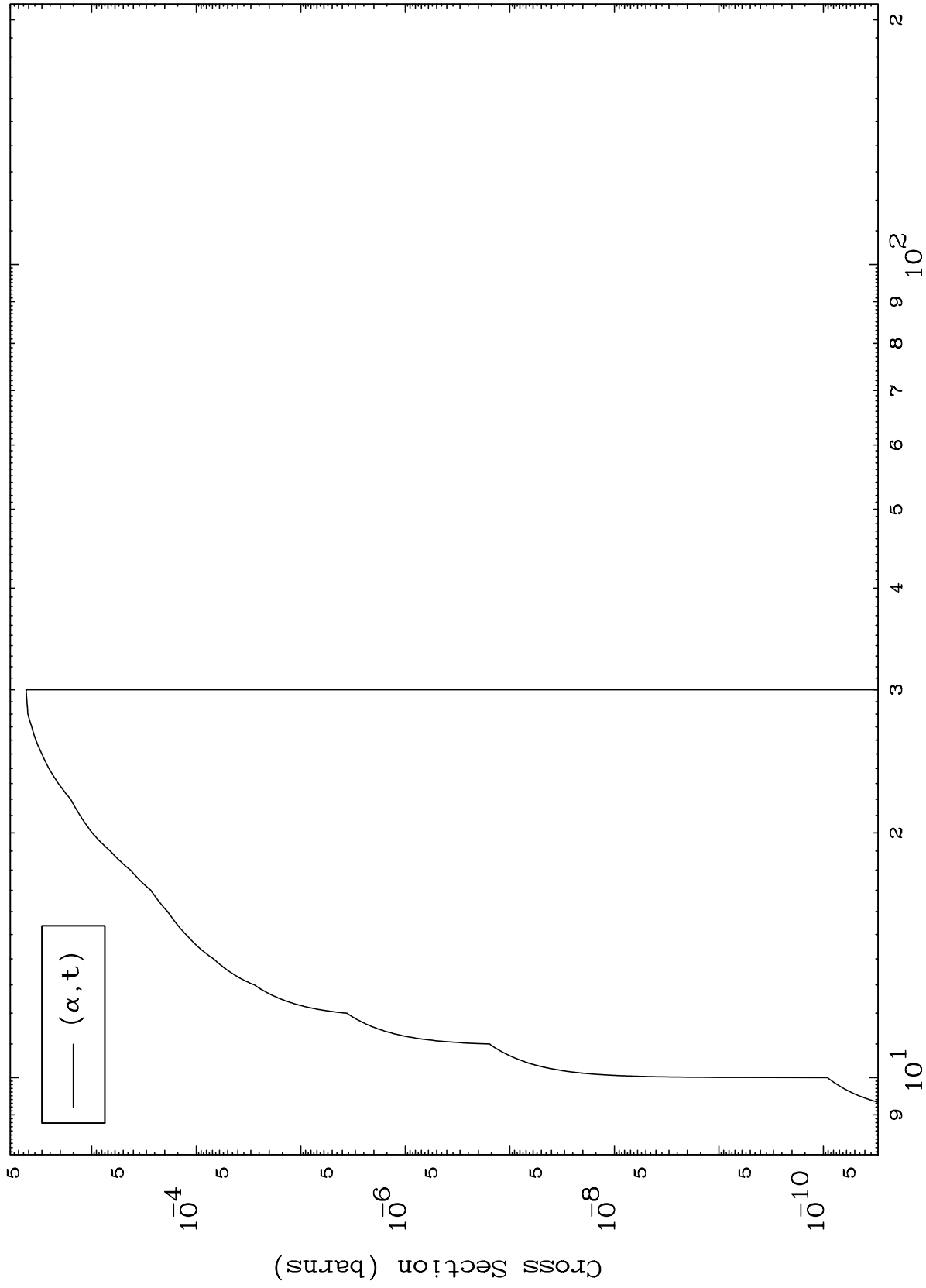
Incident Energy (MeV)

$^{25}\text{Mn}-57$

MAT 2531

(α, t) Levels
0 Kelvin Cross Sections

25-Mn-57



9

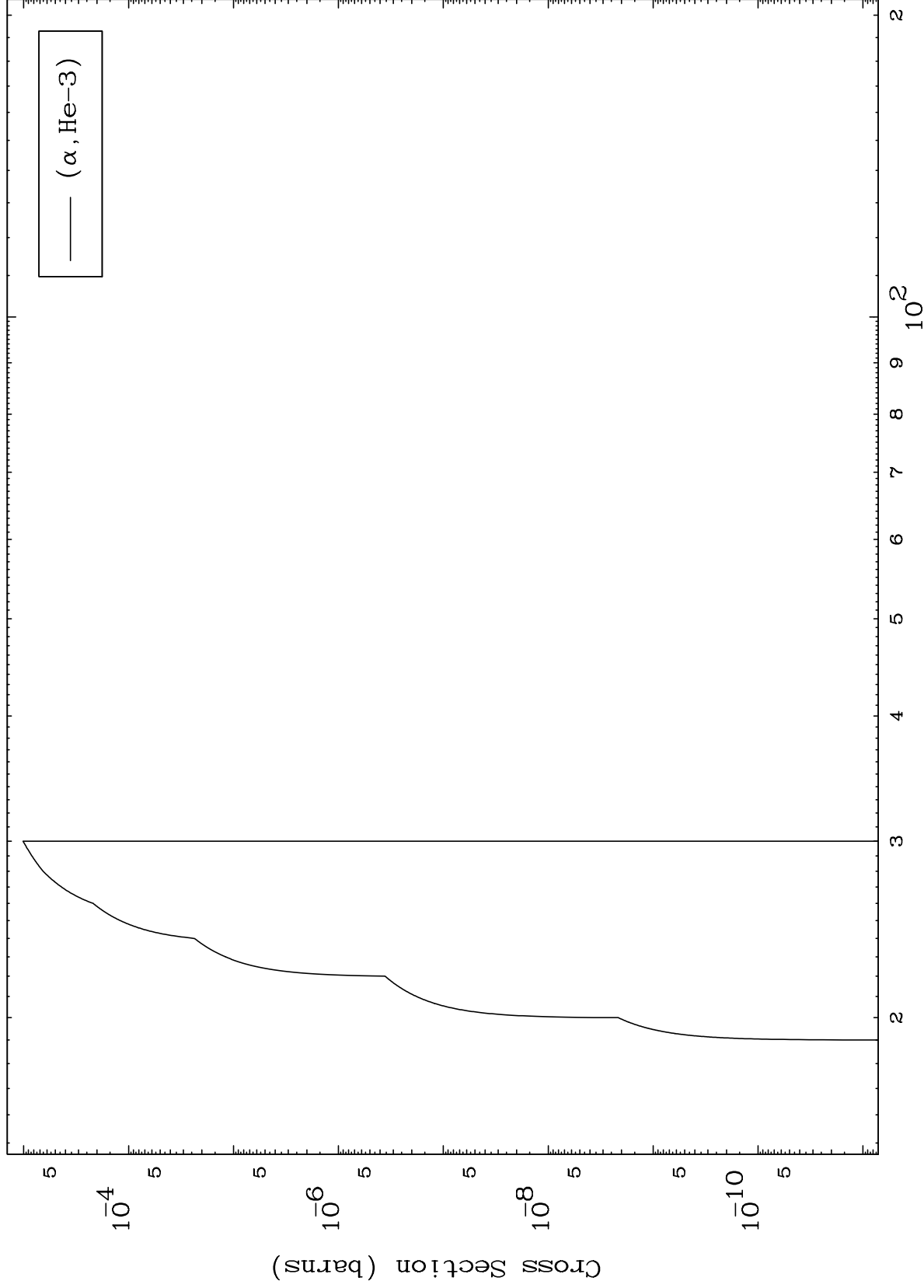
Incident Energy (MeV)

25-Mn-57

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($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

25-Mn-57



10

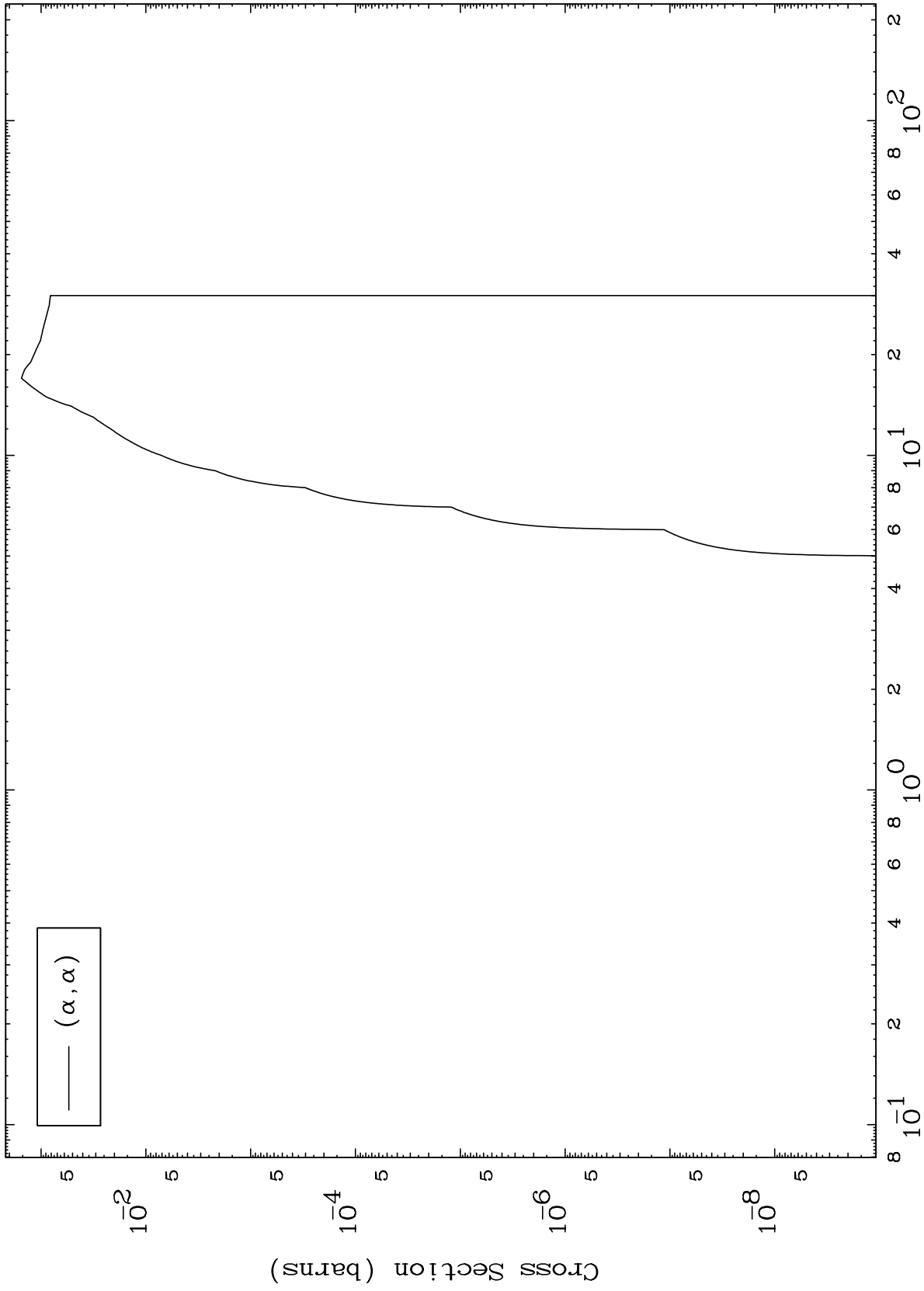
Incident Energy (MeV)

25-Mn-57

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(α, α) Levels
0 Kelvin Cross Sections

²⁵Mn-57



11

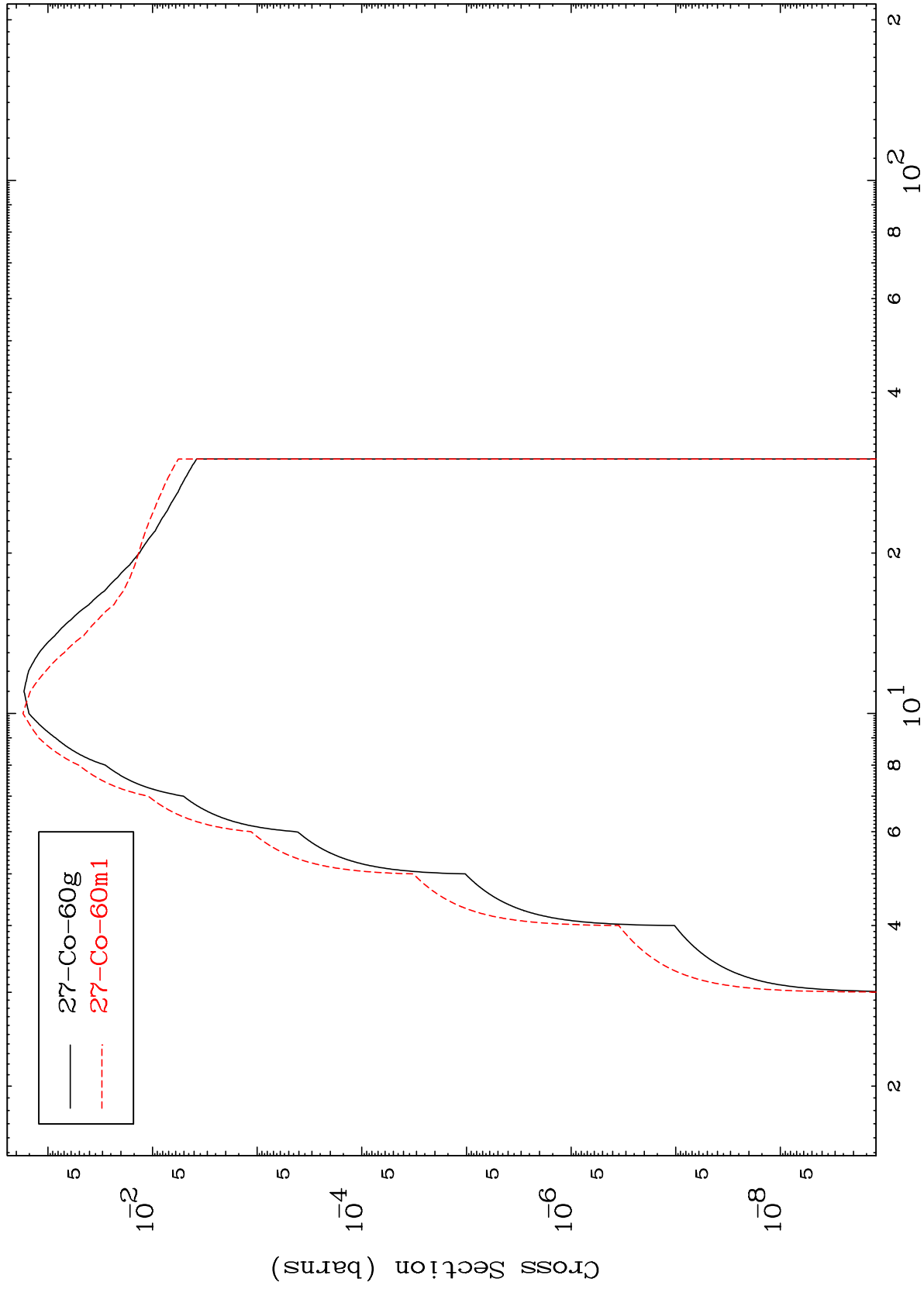
Incident Energy (MeV)

²⁵Mn-57

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Radionuclide Production Cross Section

$^{25}\text{Mn-57}$



12

Incident Energy (MeV)

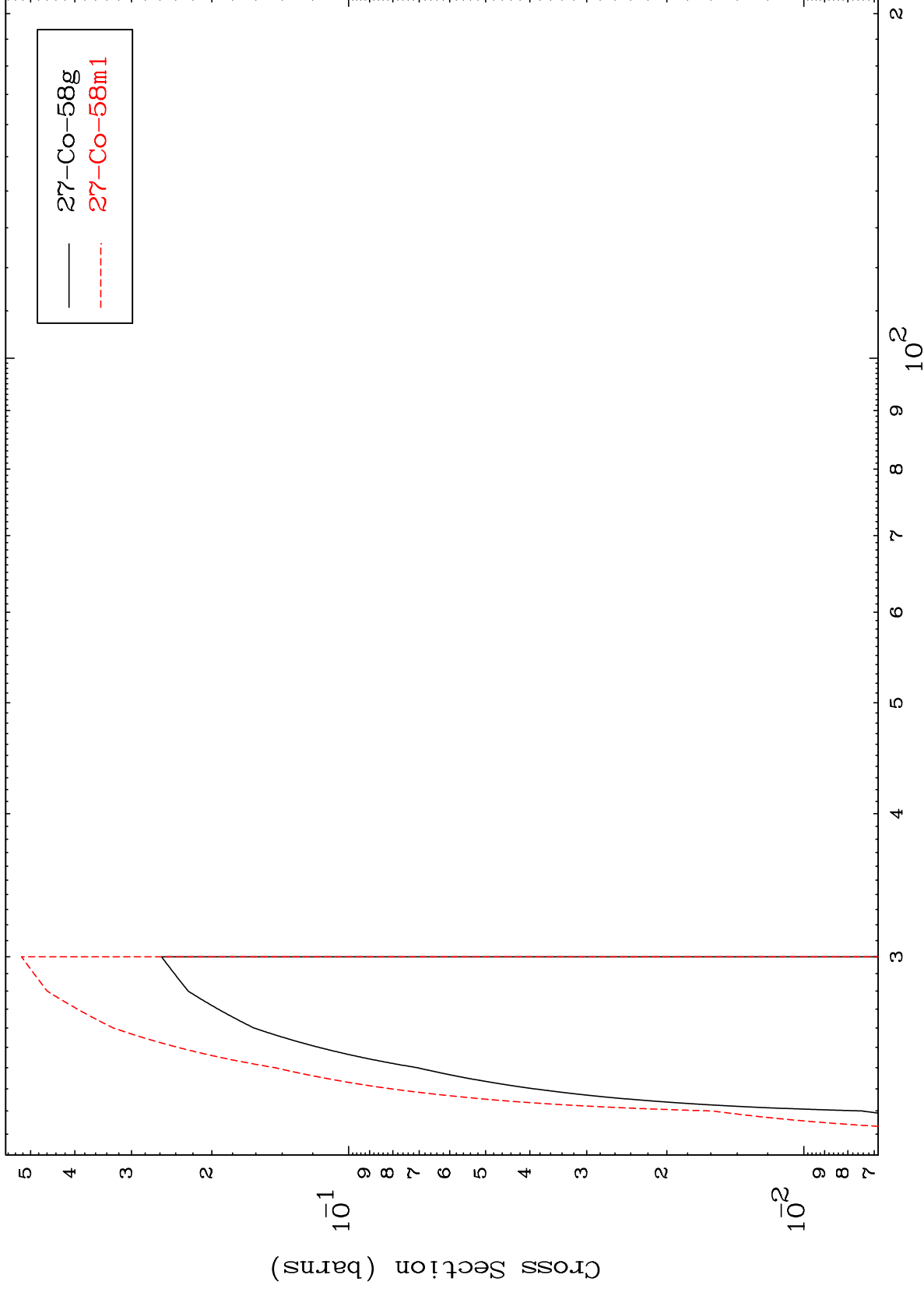
$^{25}\text{Mn-57}$

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($\alpha, 3n$)

²⁵Mn-57

Radionuclide Production Cross Section



13

Incident Energy (MeV)

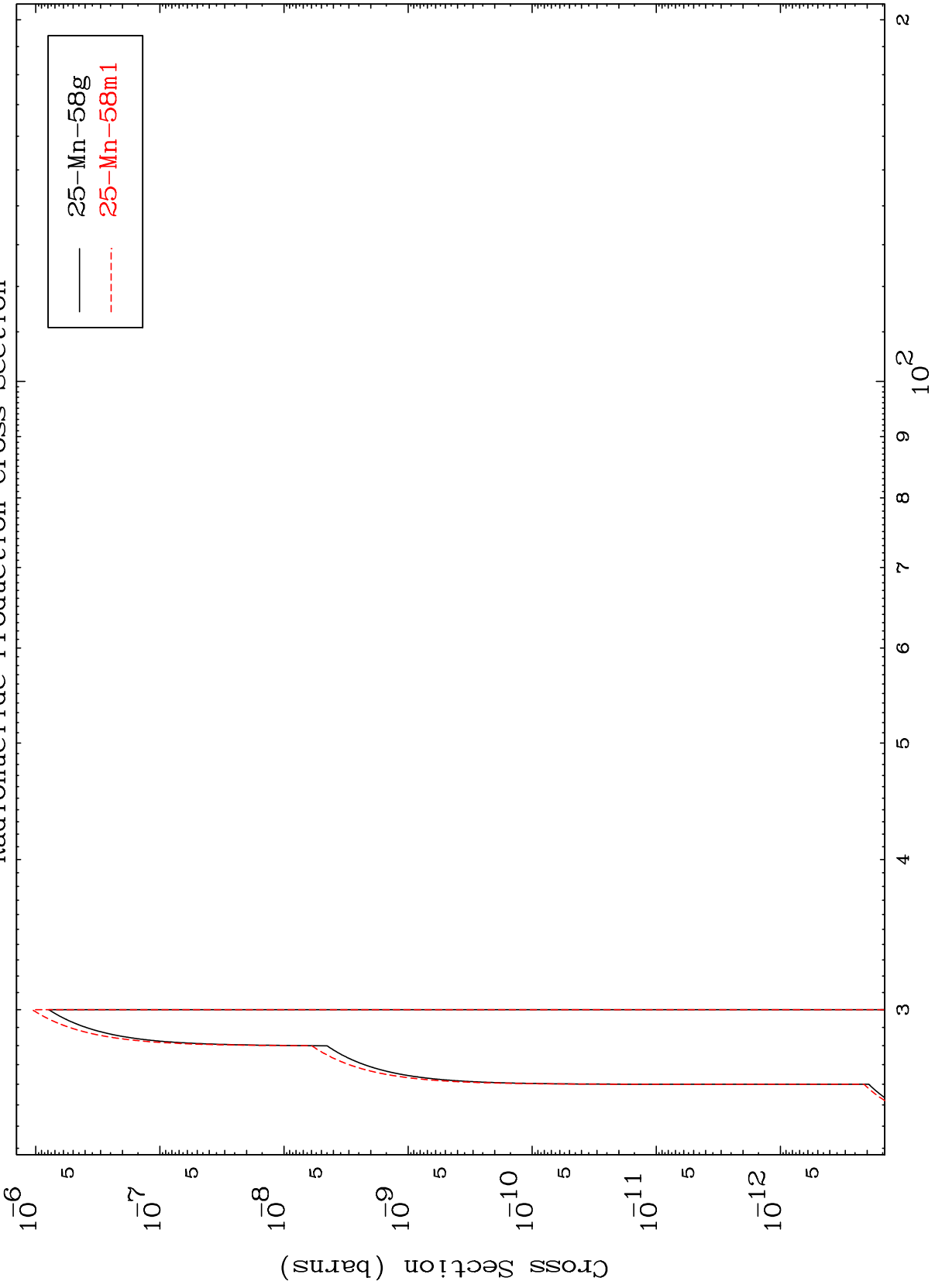
²⁵Mn-57

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($\alpha, 2n$) p

²⁵Mn-57

Radionuclide Production Cross Section



14

Incident Energy (MeV)

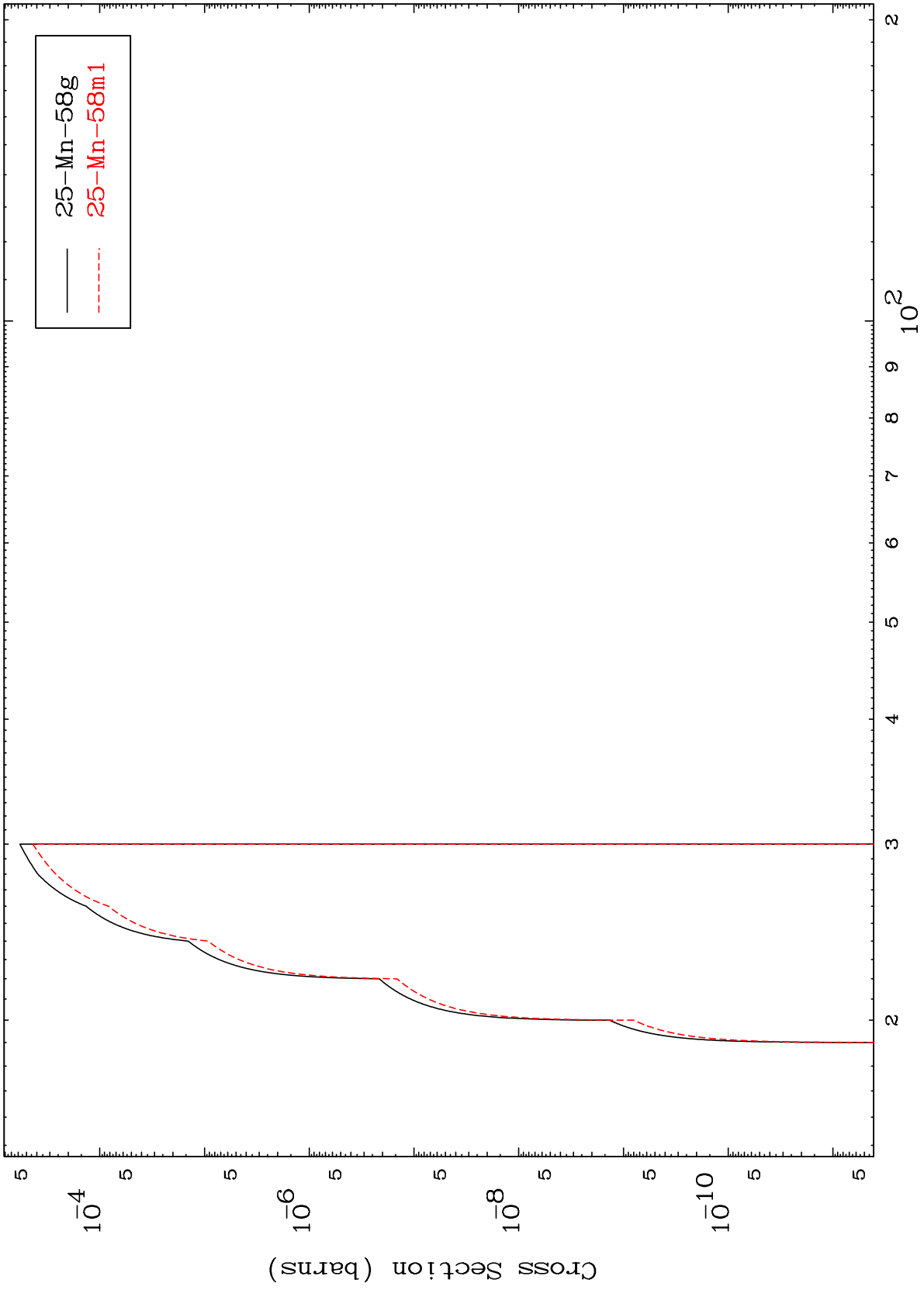
²⁵Mn-57

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

$^{25}\text{Mn-57}$

Radionuclide Production Cross Section



15

Incident Energy (MeV)

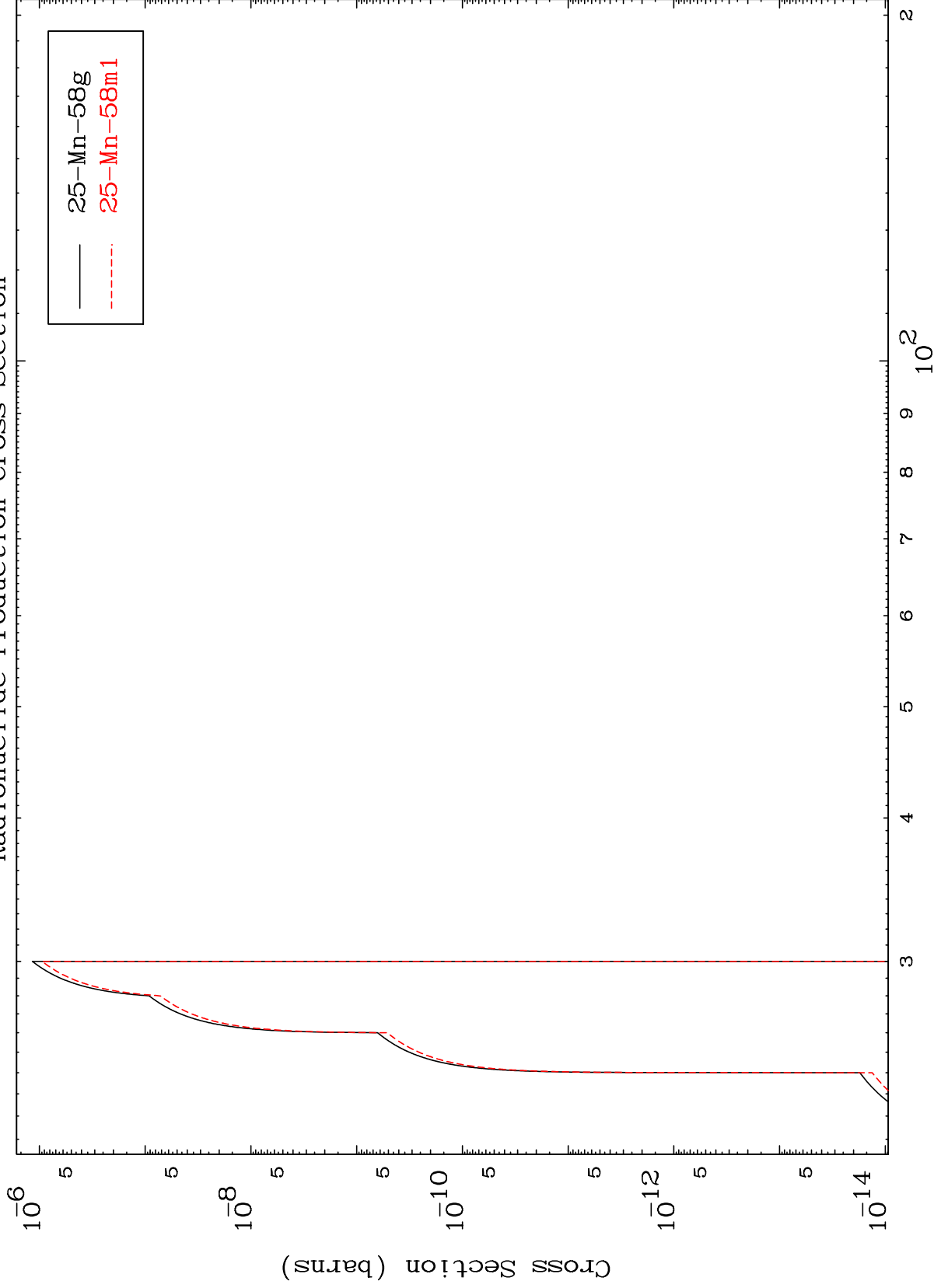
$^{25}\text{Mn-57}$

MAT 2531

(α, p) d

²⁵Mn-57

Radionuclide Production Cross Section



16

Incident Energy (MeV)

²⁵Mn-57