

Program EVALPLOT
(Version 2018-1)

by

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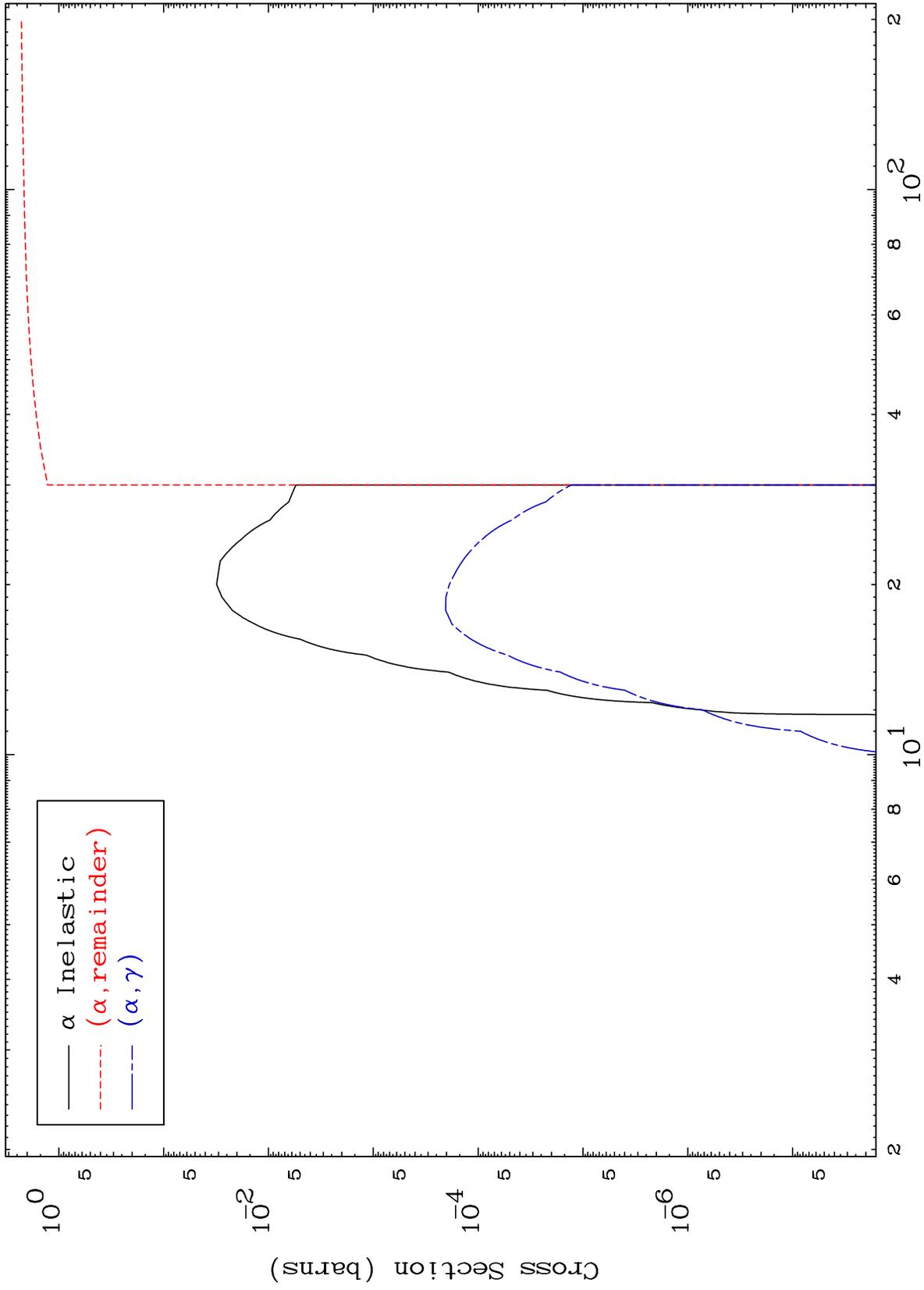
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5892

0 Kelvin α Major
Cross Sections

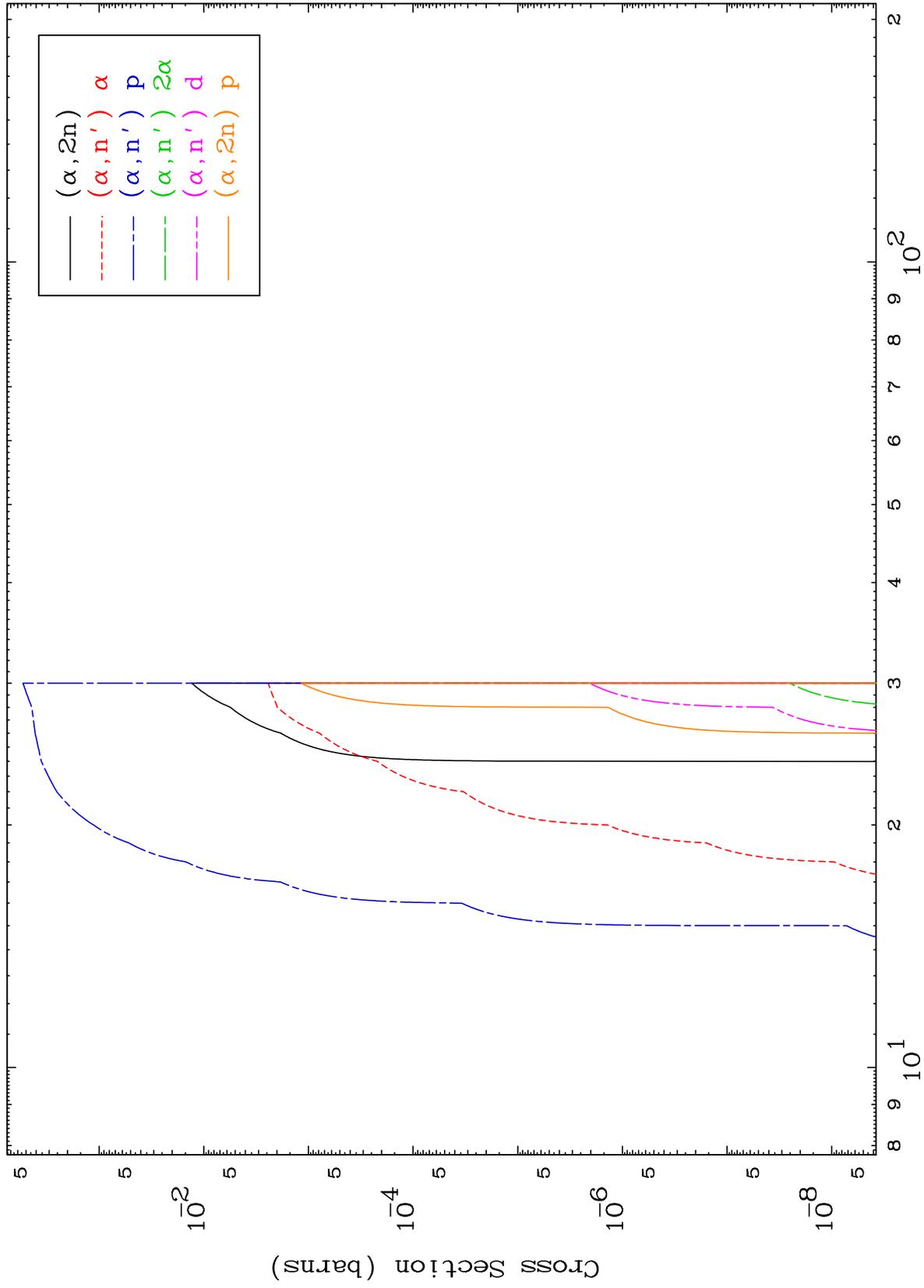
59-Pr-130

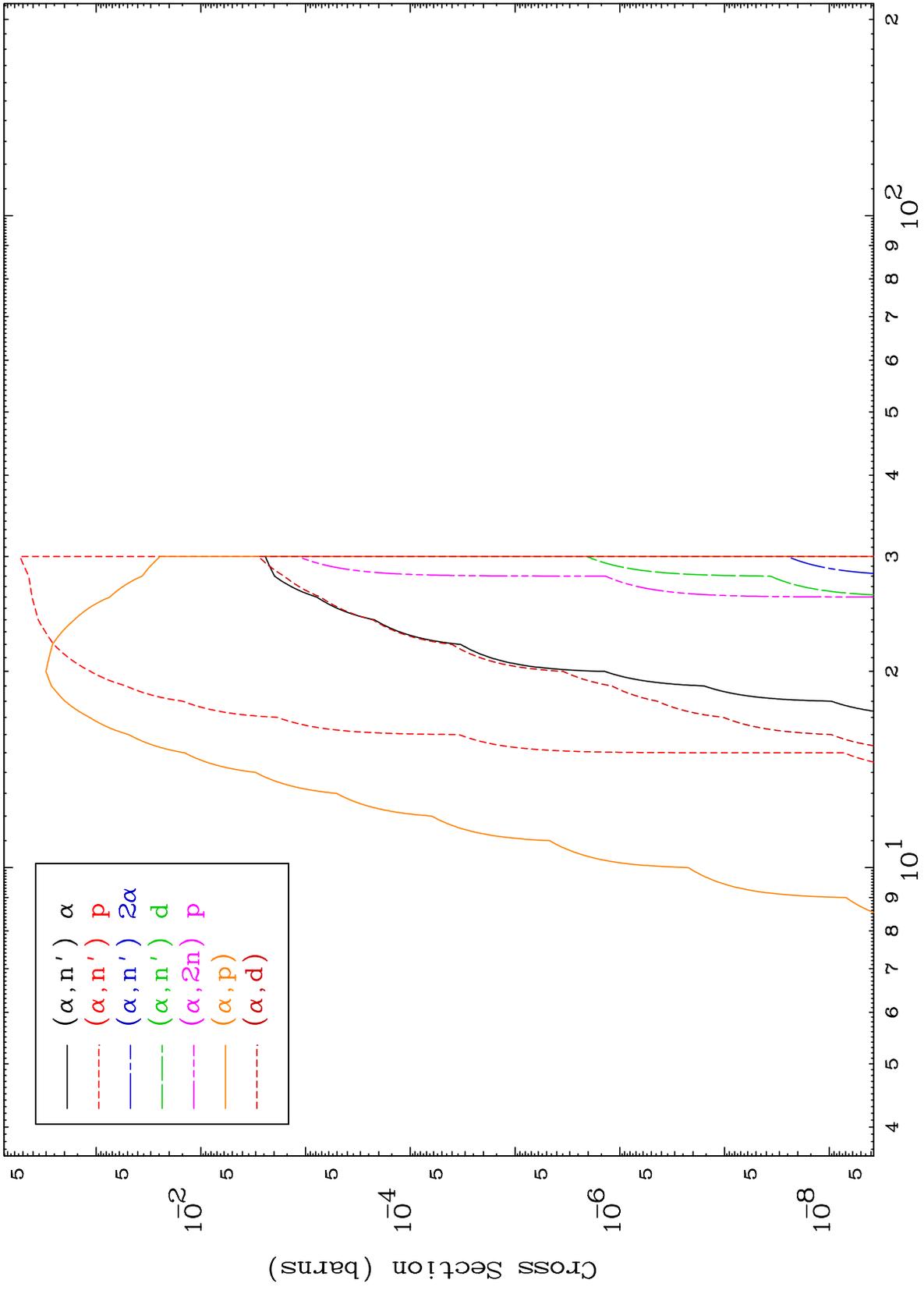


1

Incident Energy (MeV)

59-Pr-130

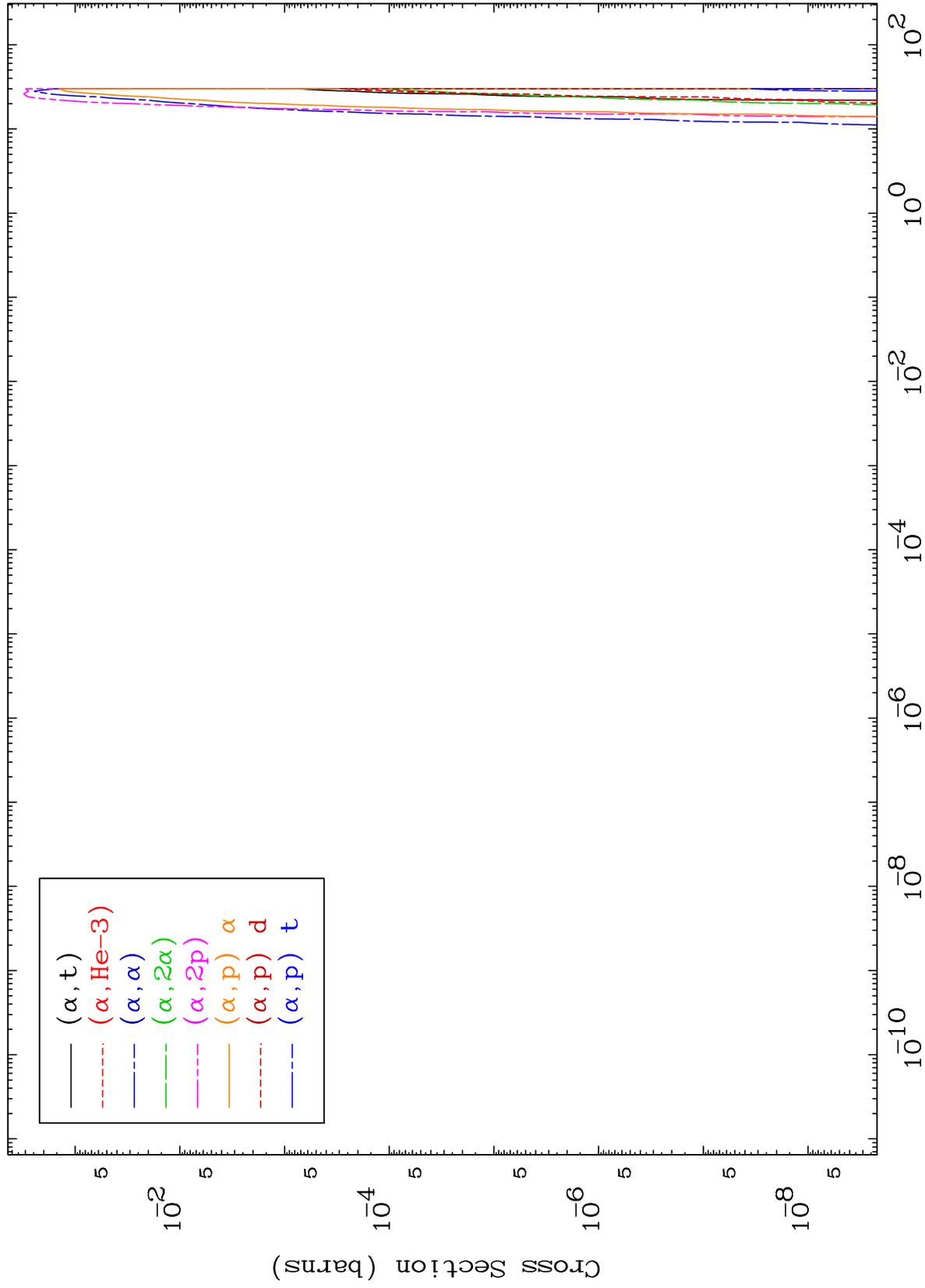




MAT 5892

α Charged Particle
0 Kelvin Cross Sections

59-Pr-130

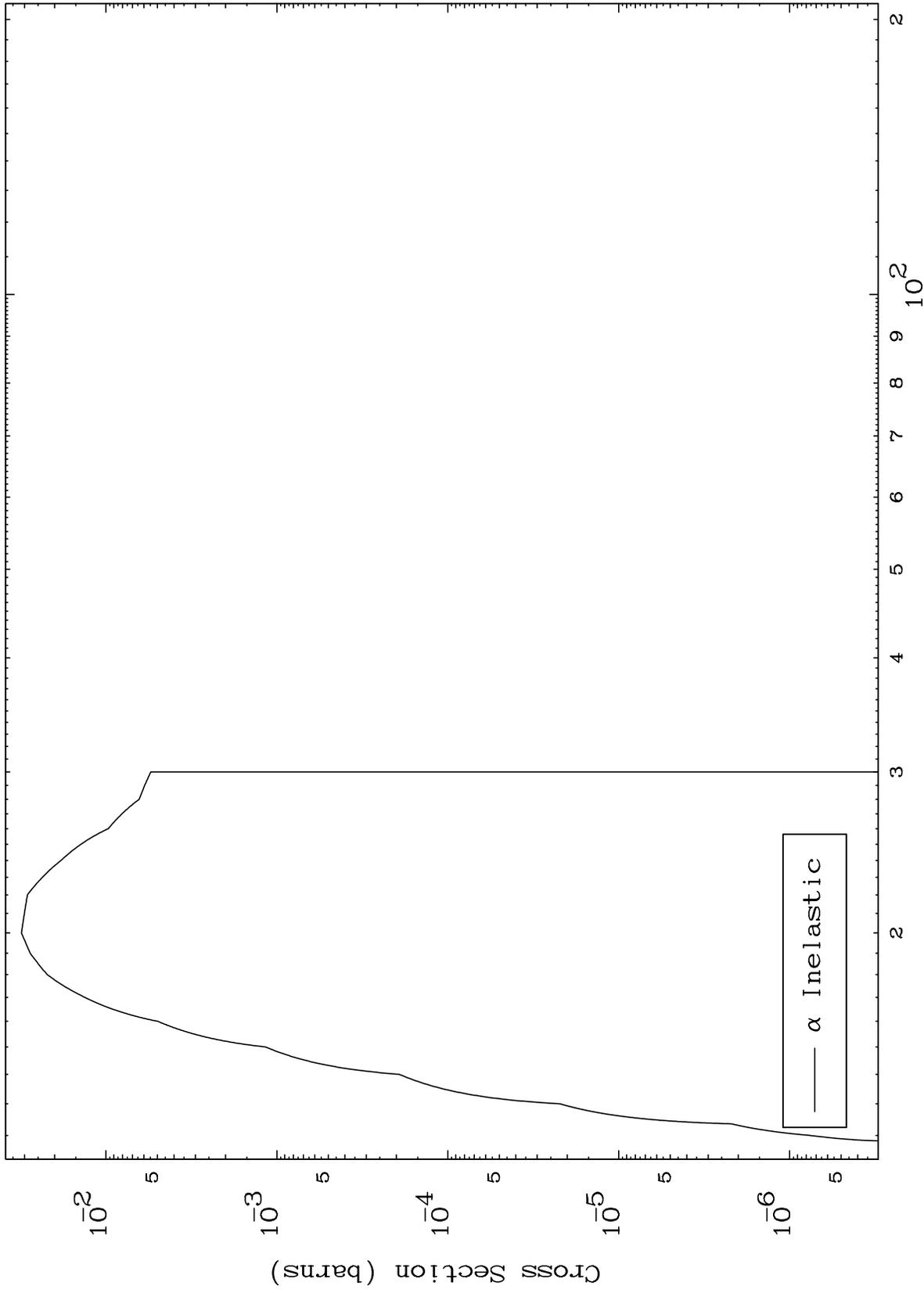


59-Pr-130

MAT 5892

(α, n') Level
0 Kelvin Cross Sections

59-Pr-130



5

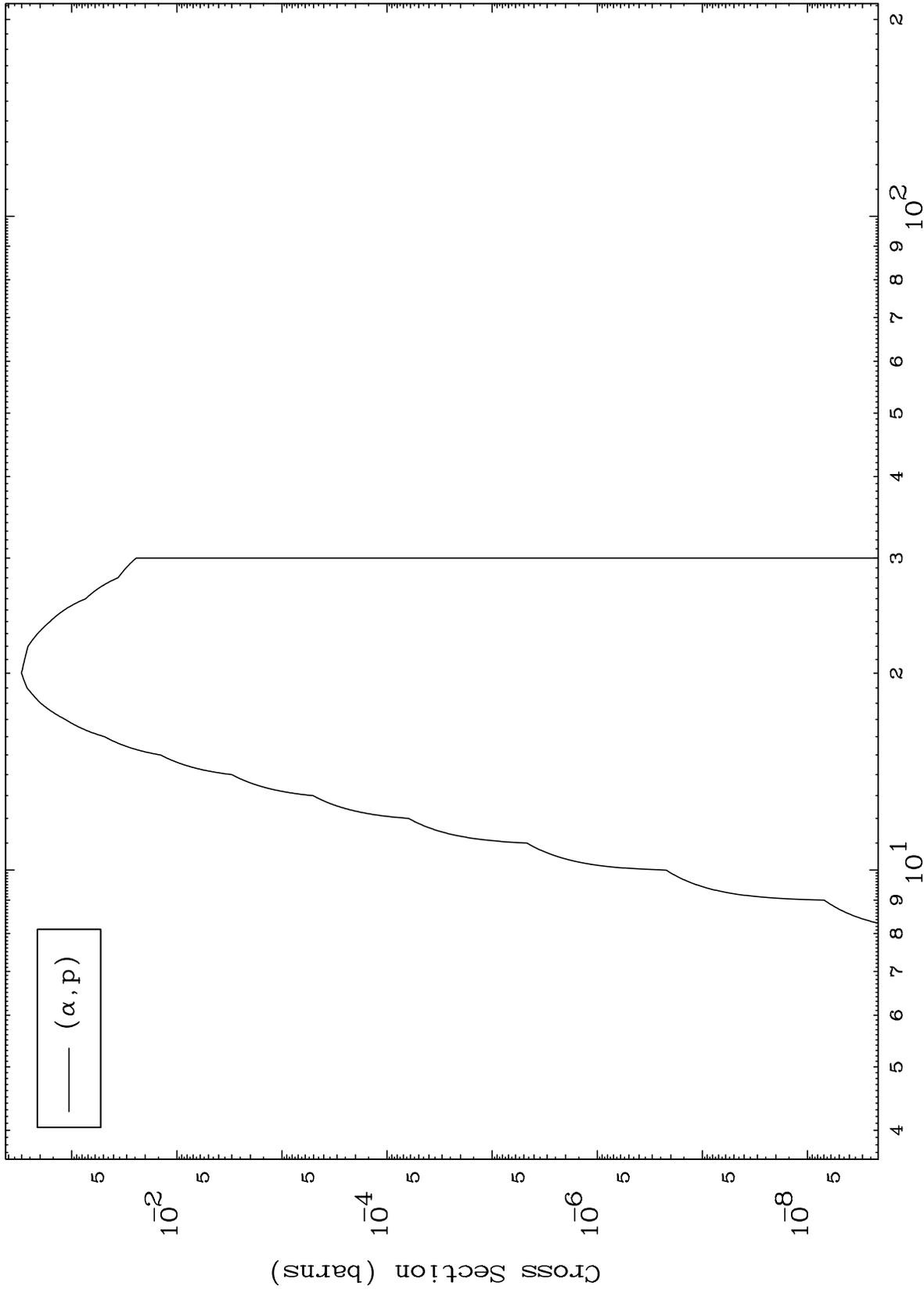
Incident Energy (MeV)

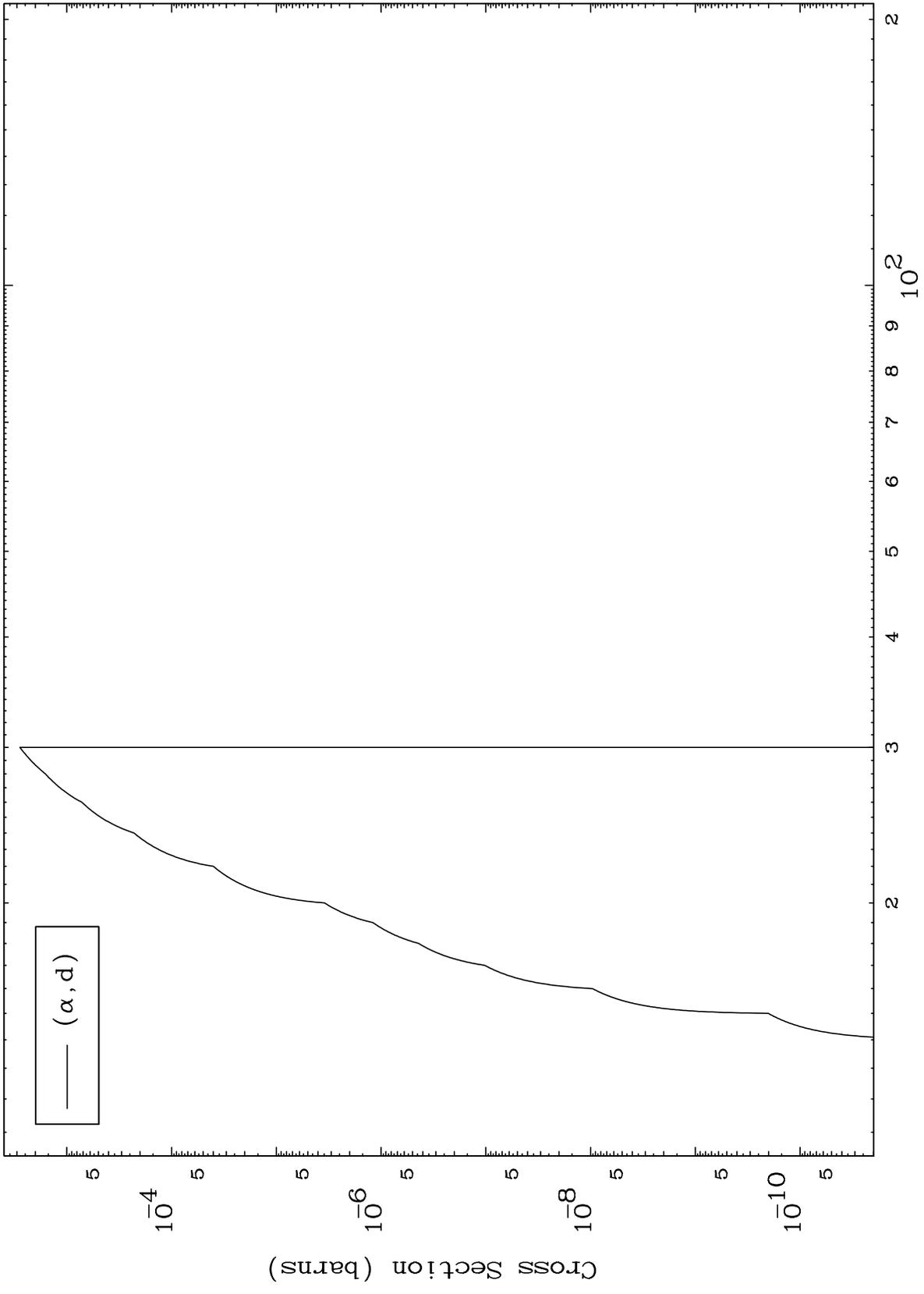
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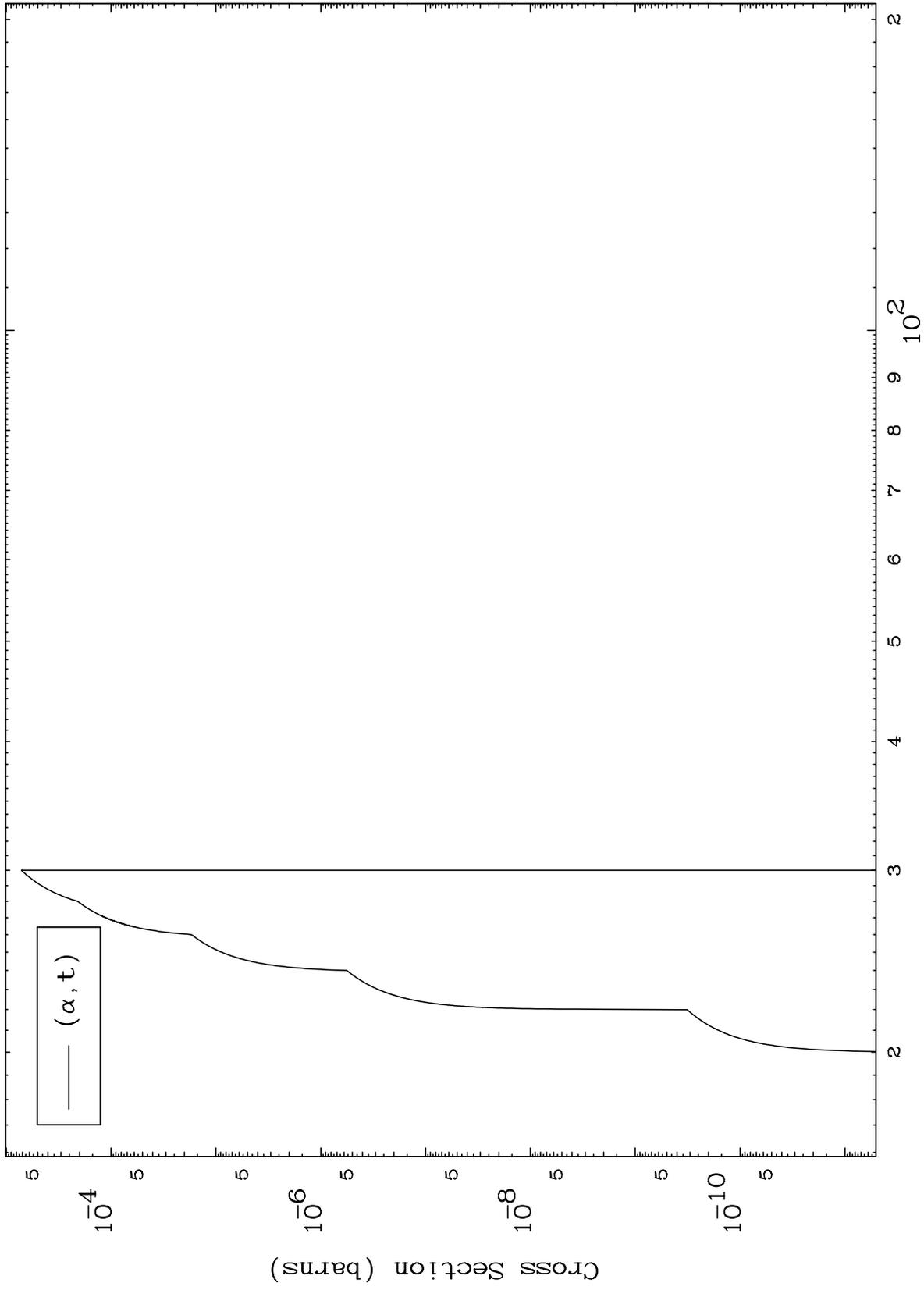
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(α, p) Levels
0 Kelvin Cross Sections

59-Pr-130



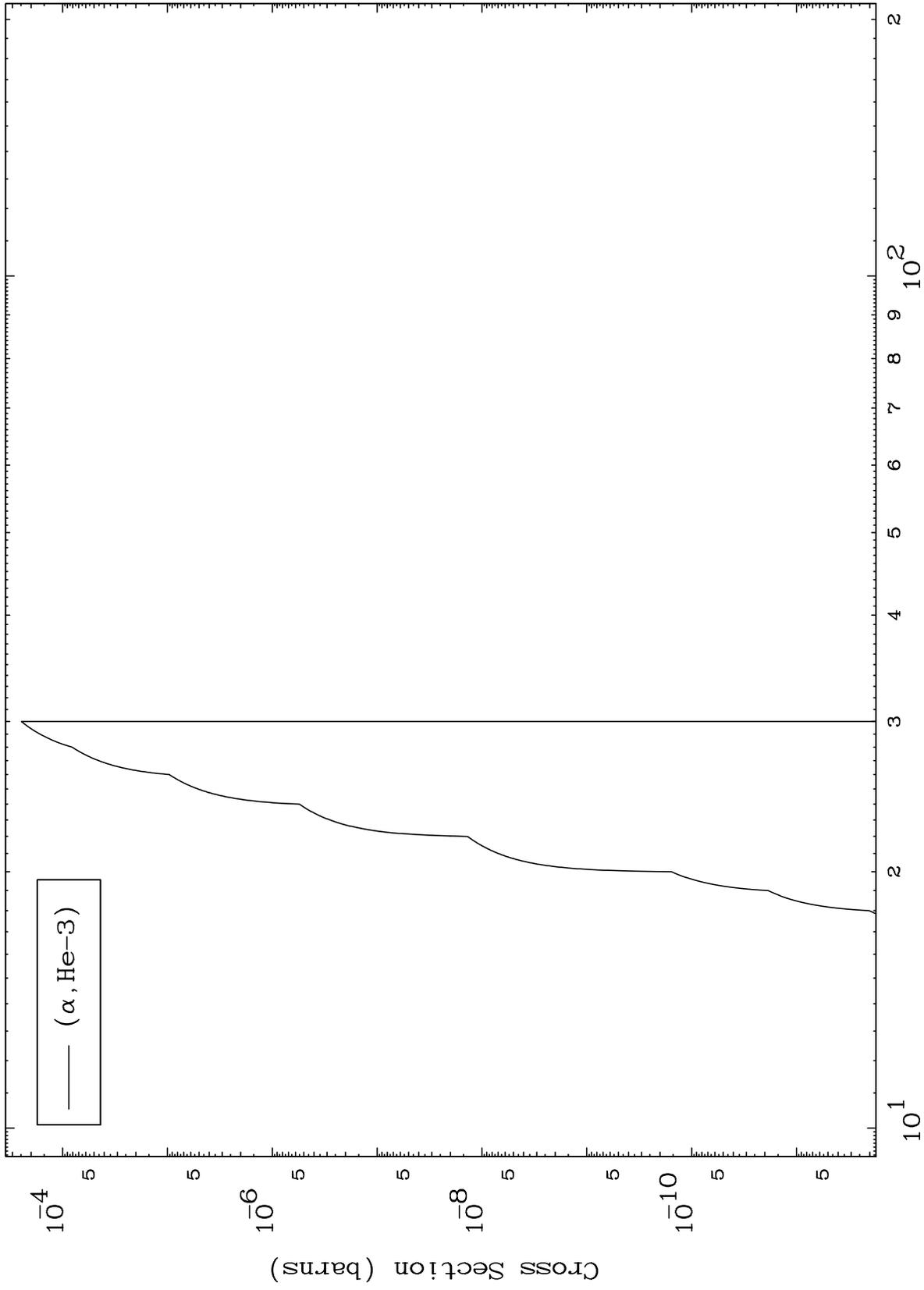




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(α ,He3) Levels
0 Kelvin Cross Sections

59-Pr-130



9

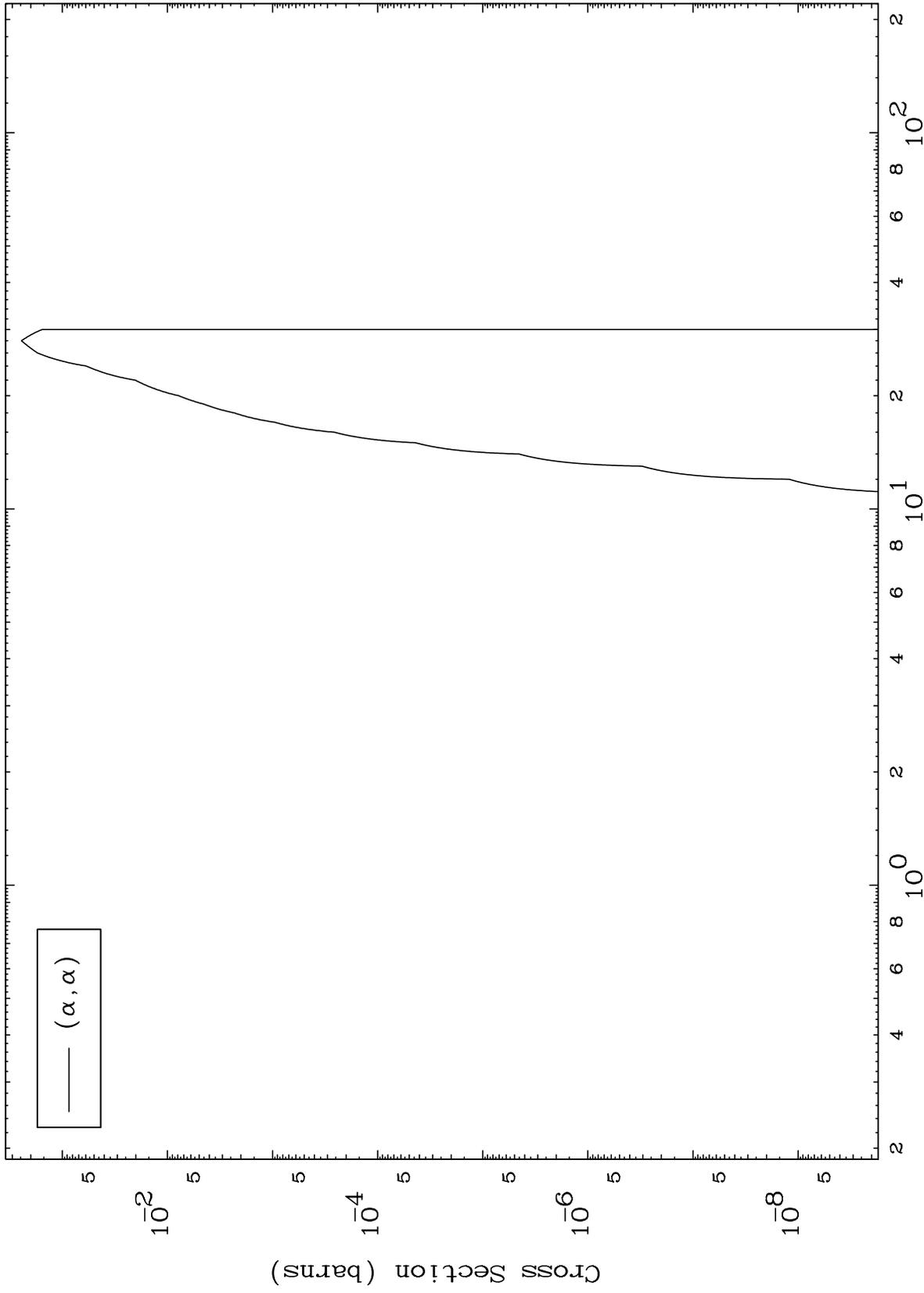
Incident Energy (MeV)

59-Pr-130

MAT 5892

(α, α) Levels
0 Kelvin Cross Sections

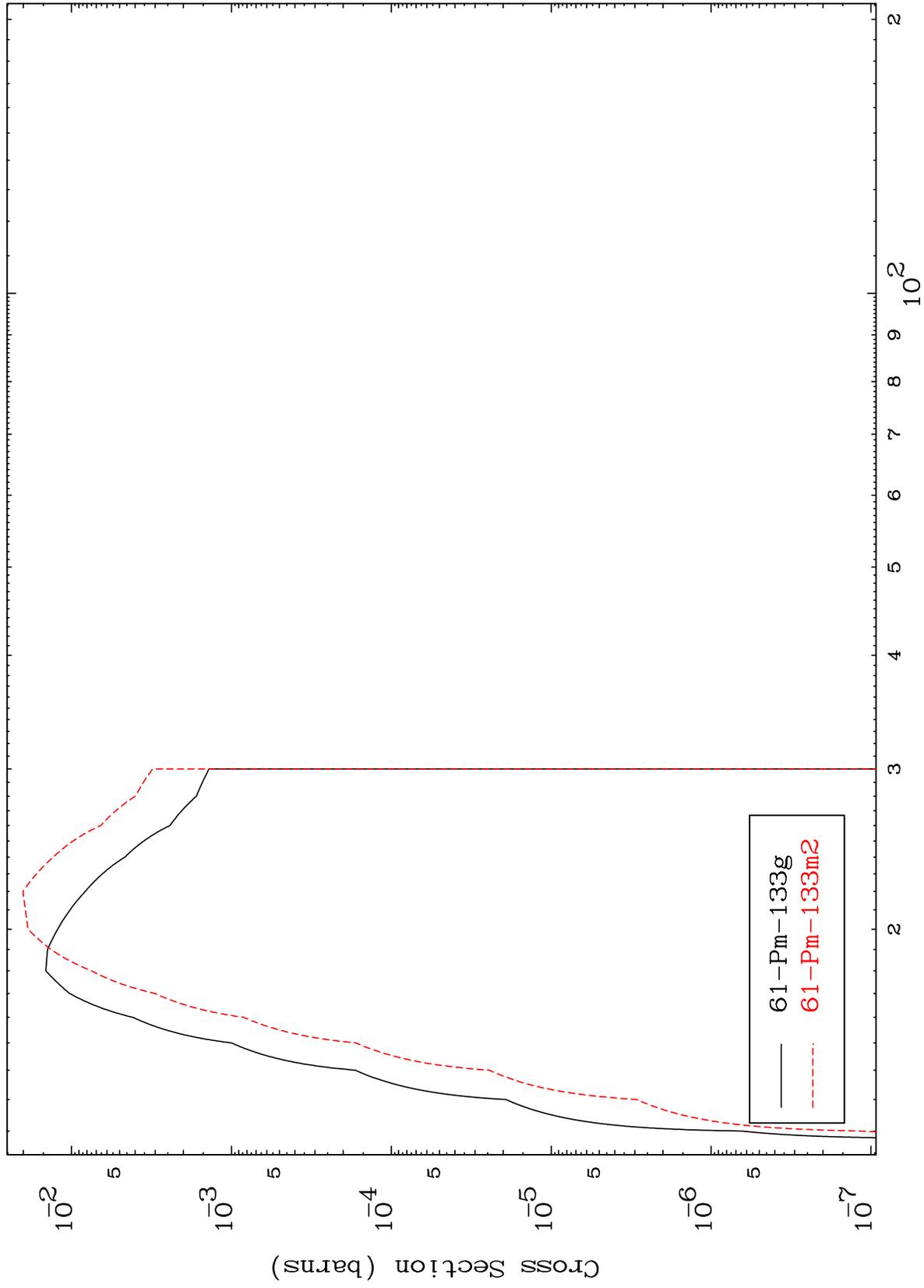
59-Pr-130



10

Incident Energy (MeV)

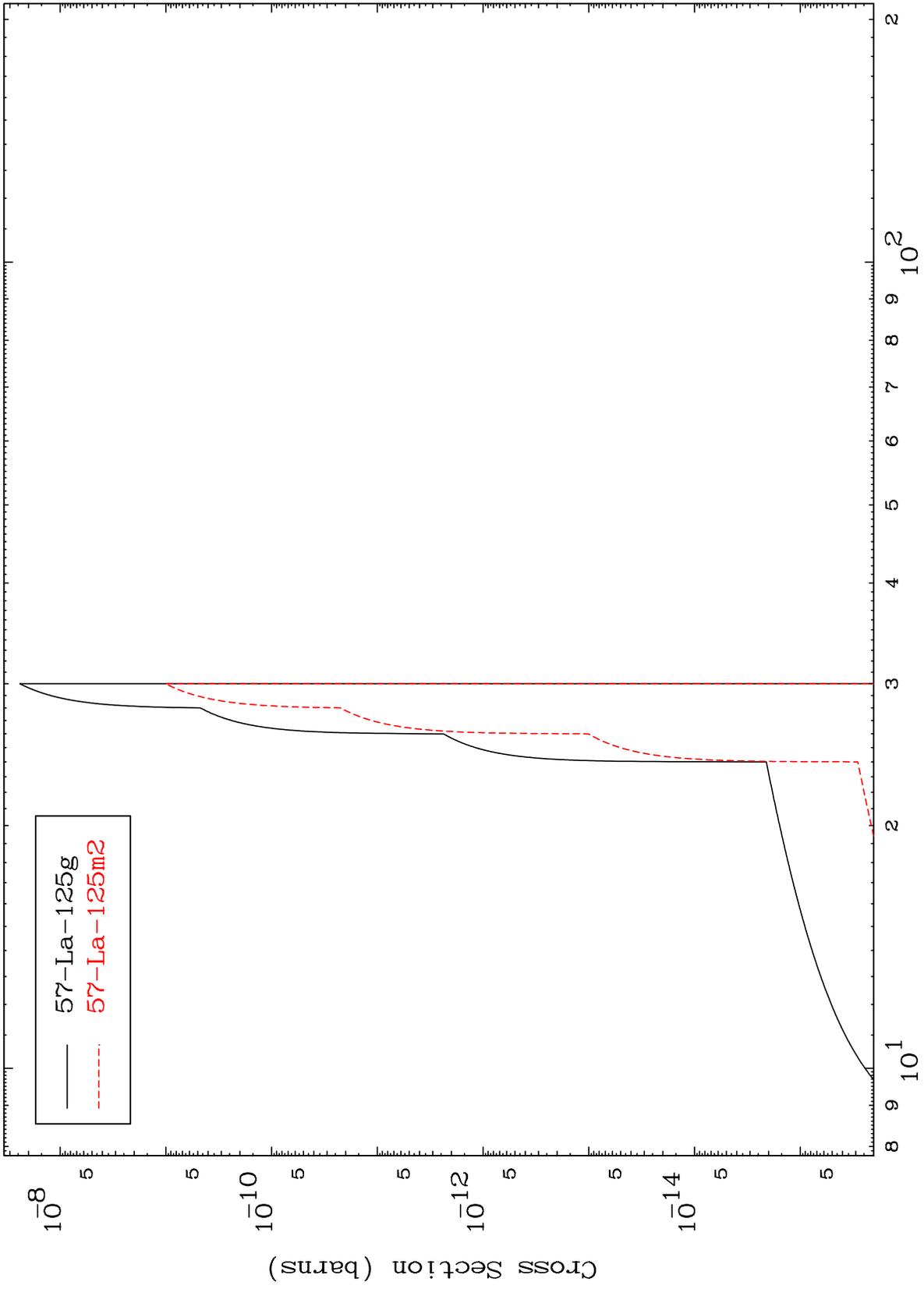
59-Pr-130



MAT 5892

59-Pr-130

(α, n') 2α
Radionuclide Production Cross Section



12

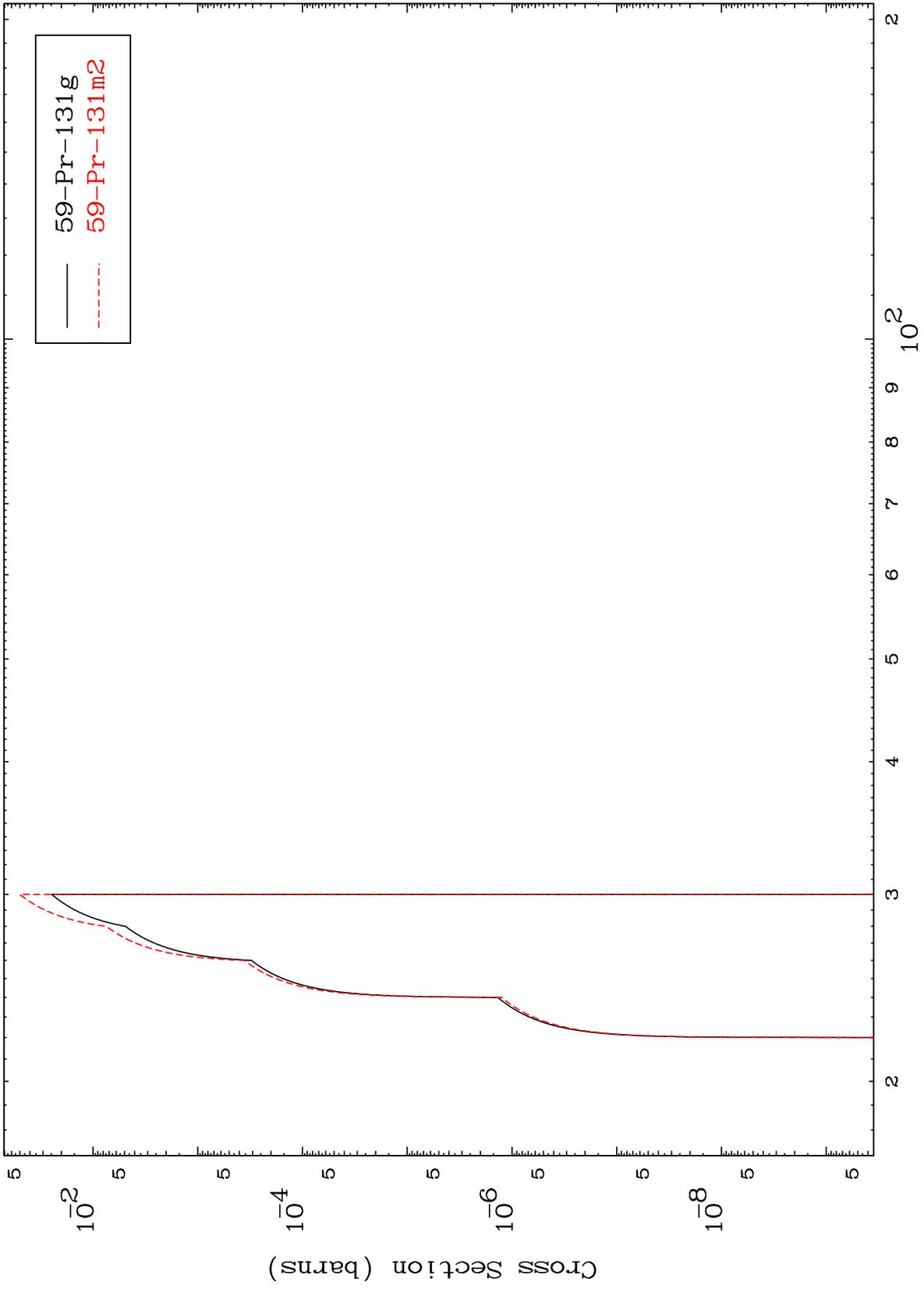
59-Pr-130

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$(\alpha, 2n)$ p

$^{59}\text{Pr-130}$

Radionuclide Production Cross Section



13

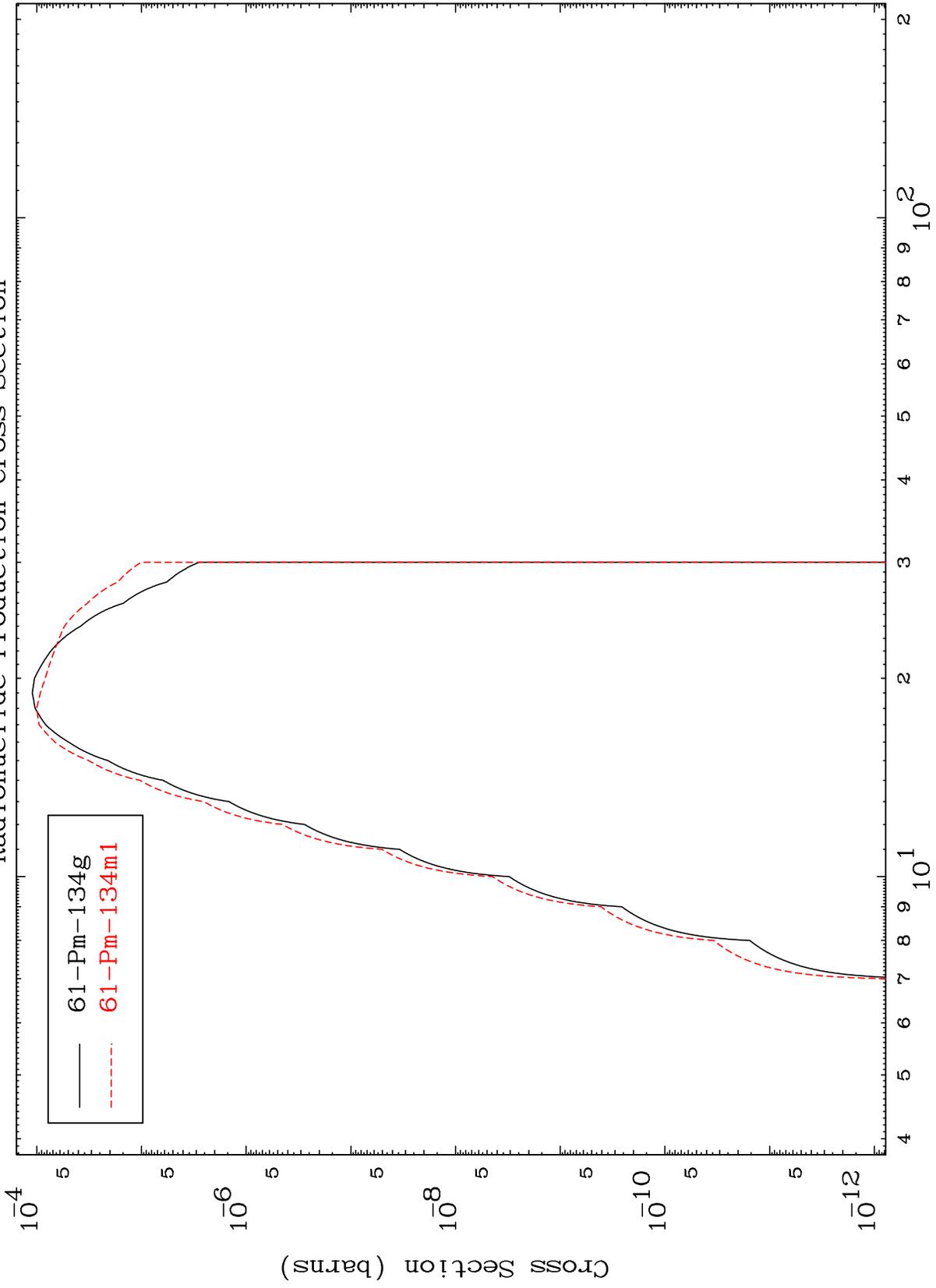
Incident Energy (MeV)

$^{59}\text{Pr-130}$

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59-Pr-130

Radionuclide Production Cross Section
(α, γ)



14

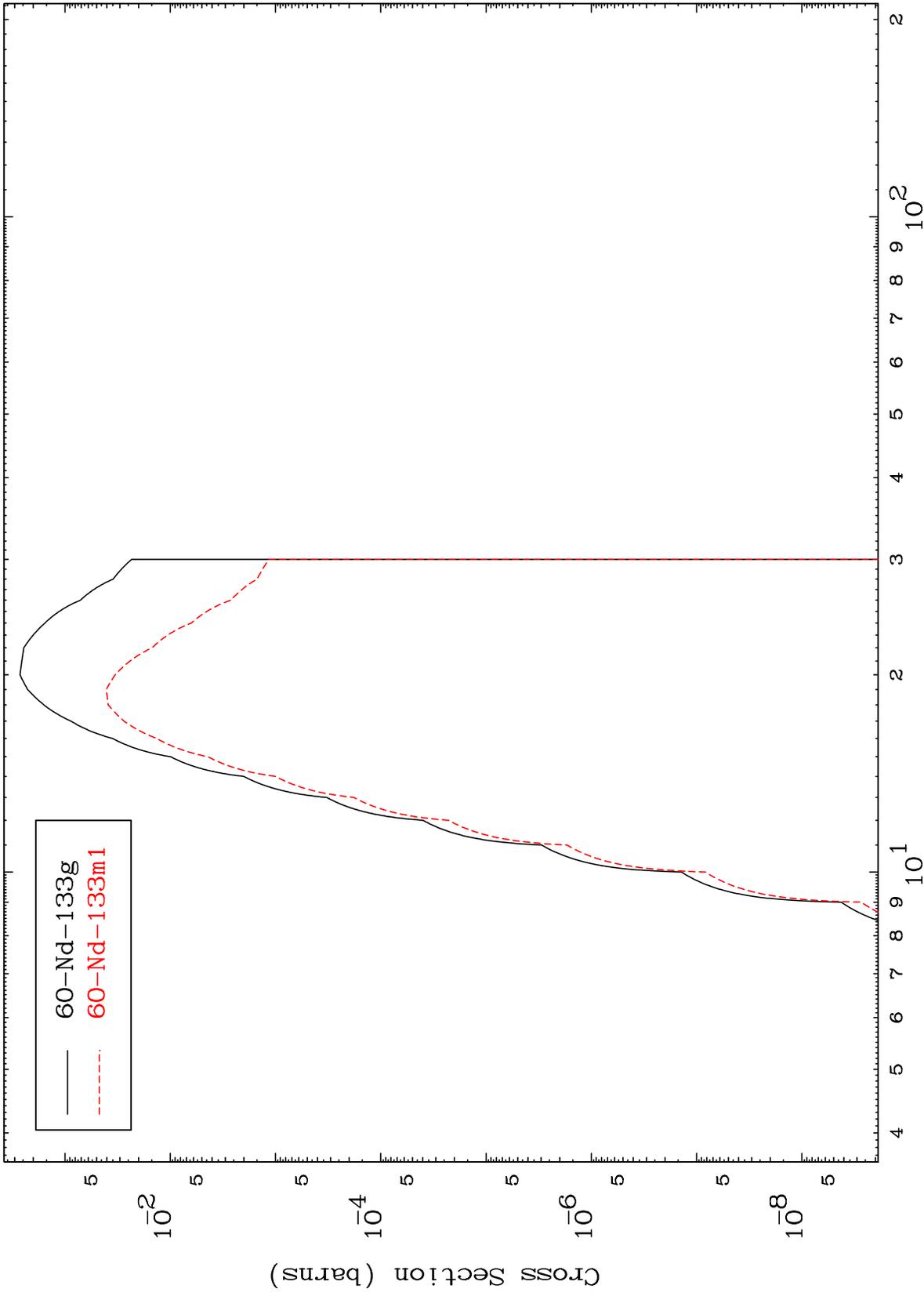
Incident Energy (MeV)

59-Pr-130

MAT 5892

Radionuclide Production Cross Section
(α, p)

59-Pr-130



15

Incident Energy (MeV)

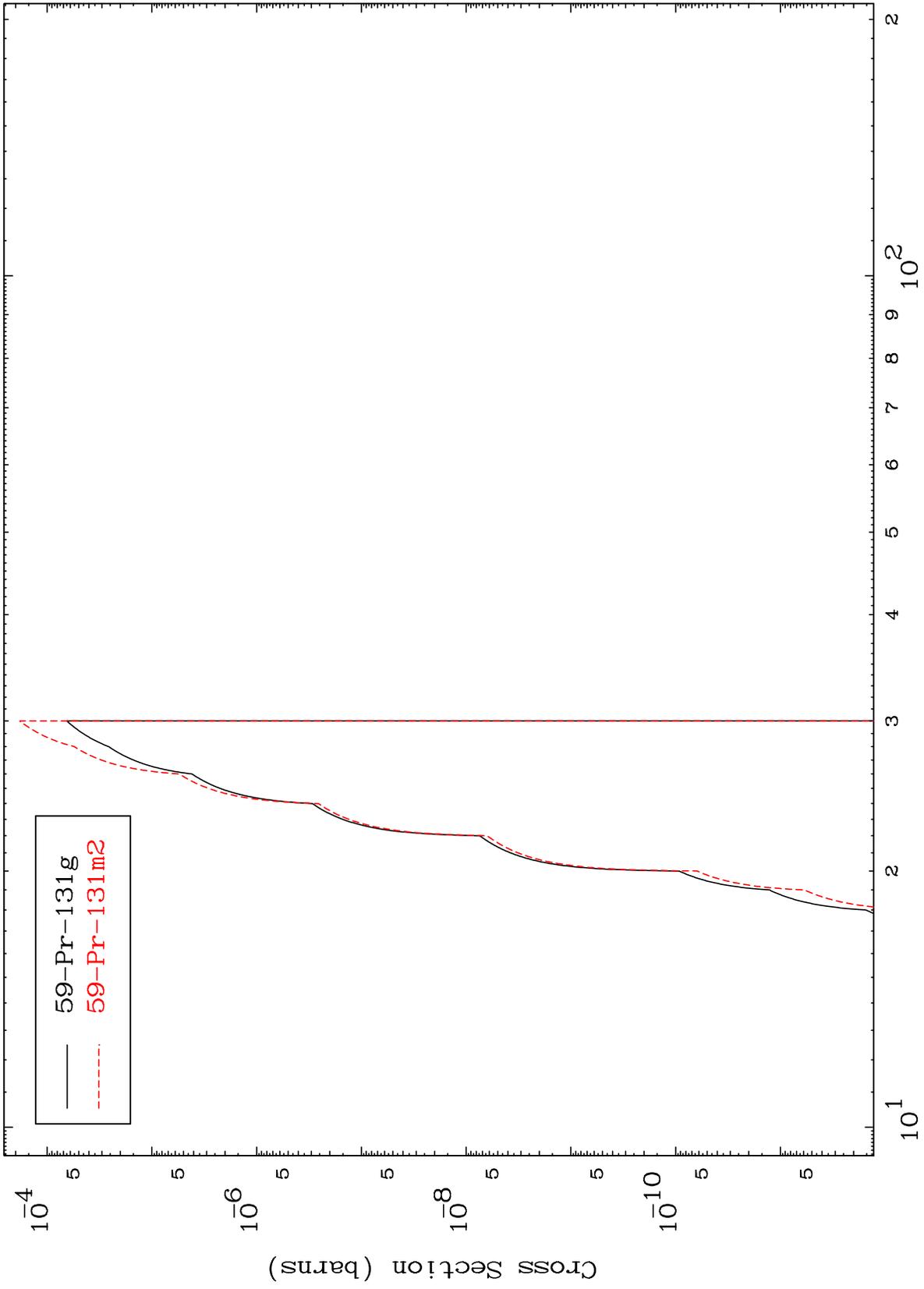
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($\alpha, \text{He-3}$)

59-Pr-130

Radionuclide Production Cross Section



16

Incident Energy (MeV)

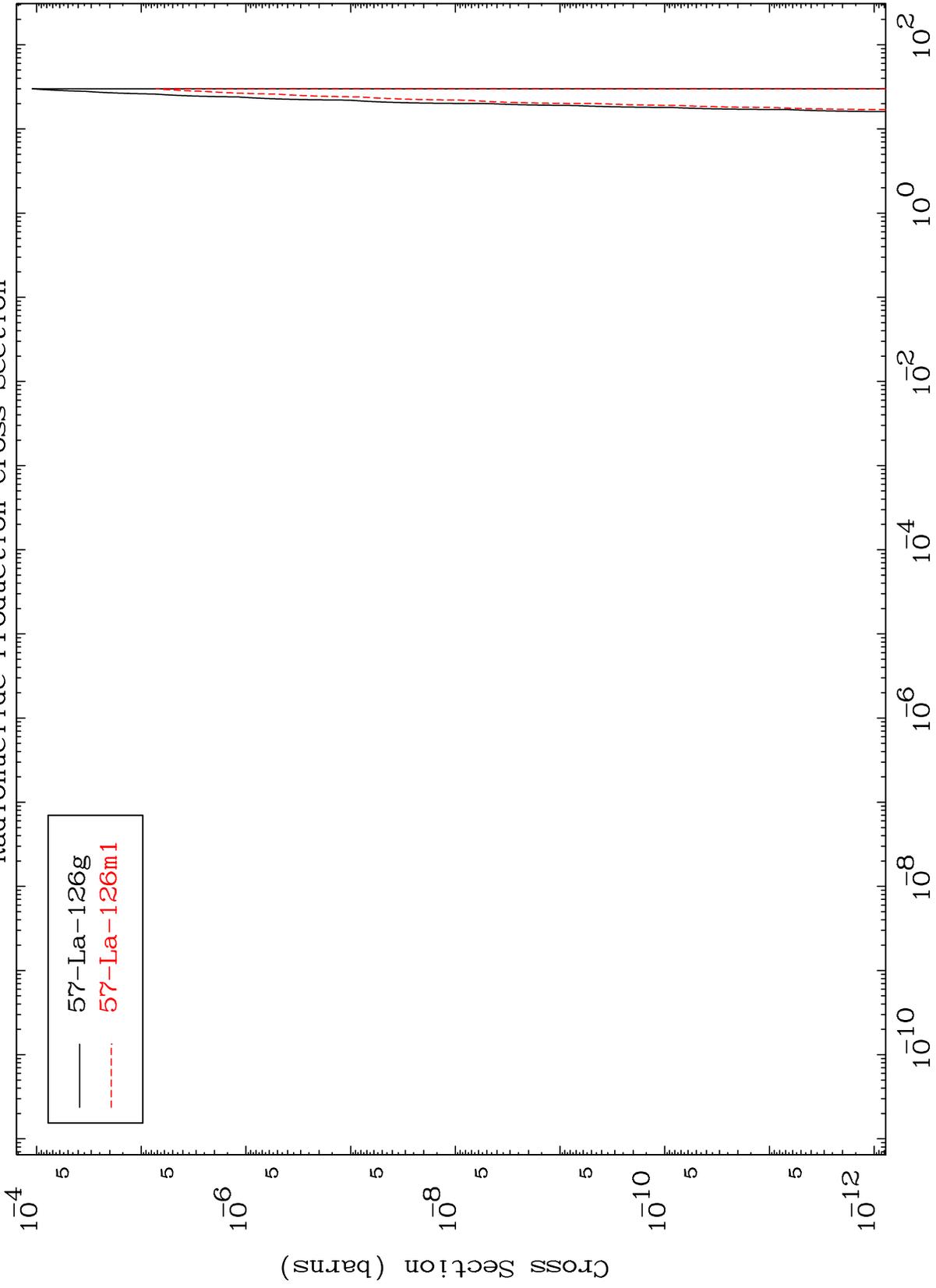
59-Pr-130

MAT 5892

($\alpha, 2\alpha$)

59-Pr-130

Radionuclide Production Cross Section



17

Incident Energy (MeV)

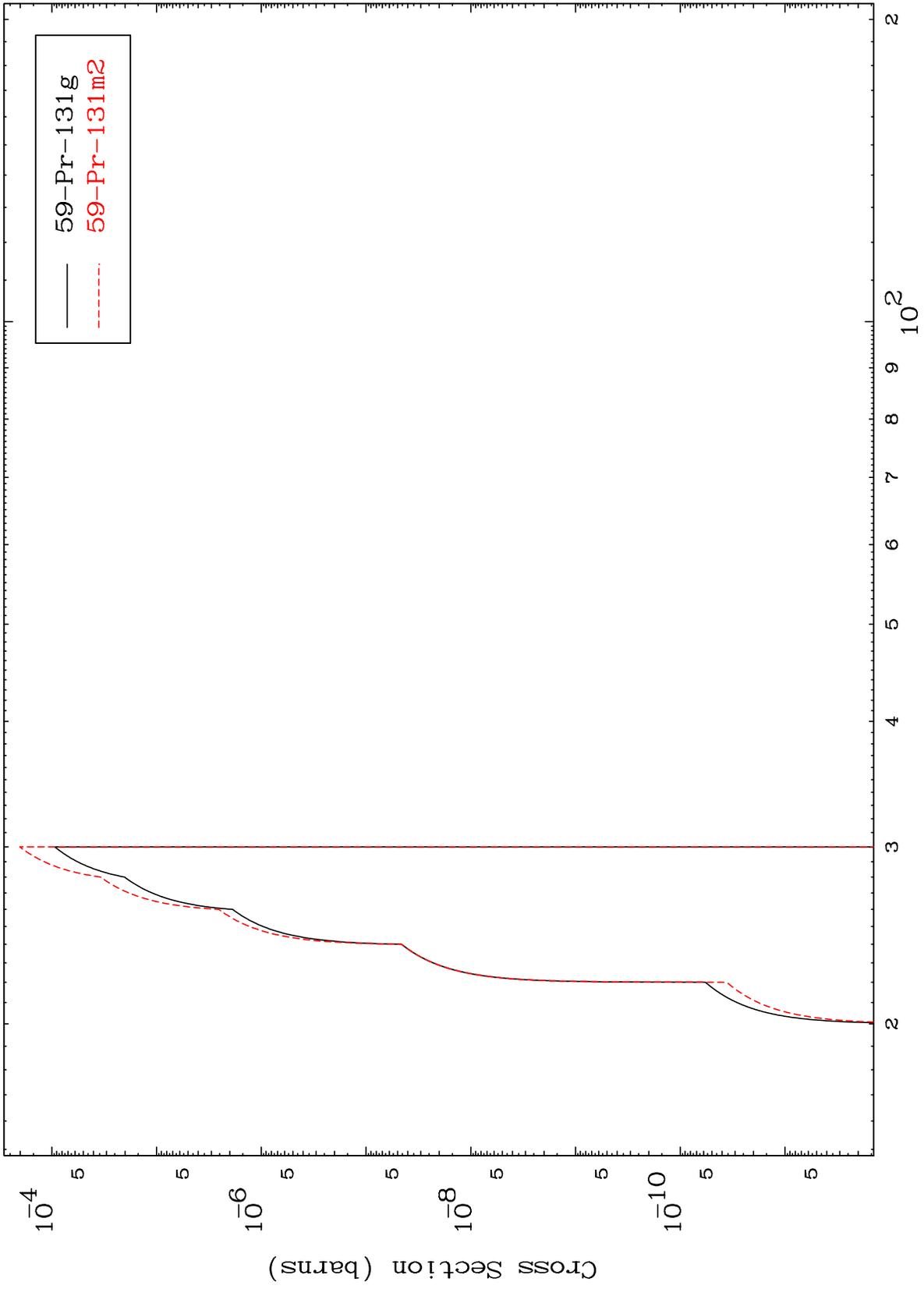
59-Pr-130

MAT 5892

(α, p) d

59-Pr-130

Radionuclide Production Cross Section



18

Incident Energy (MeV)

59-Pr-130