

Program EVALPLOT
(Version 2018-1)

by

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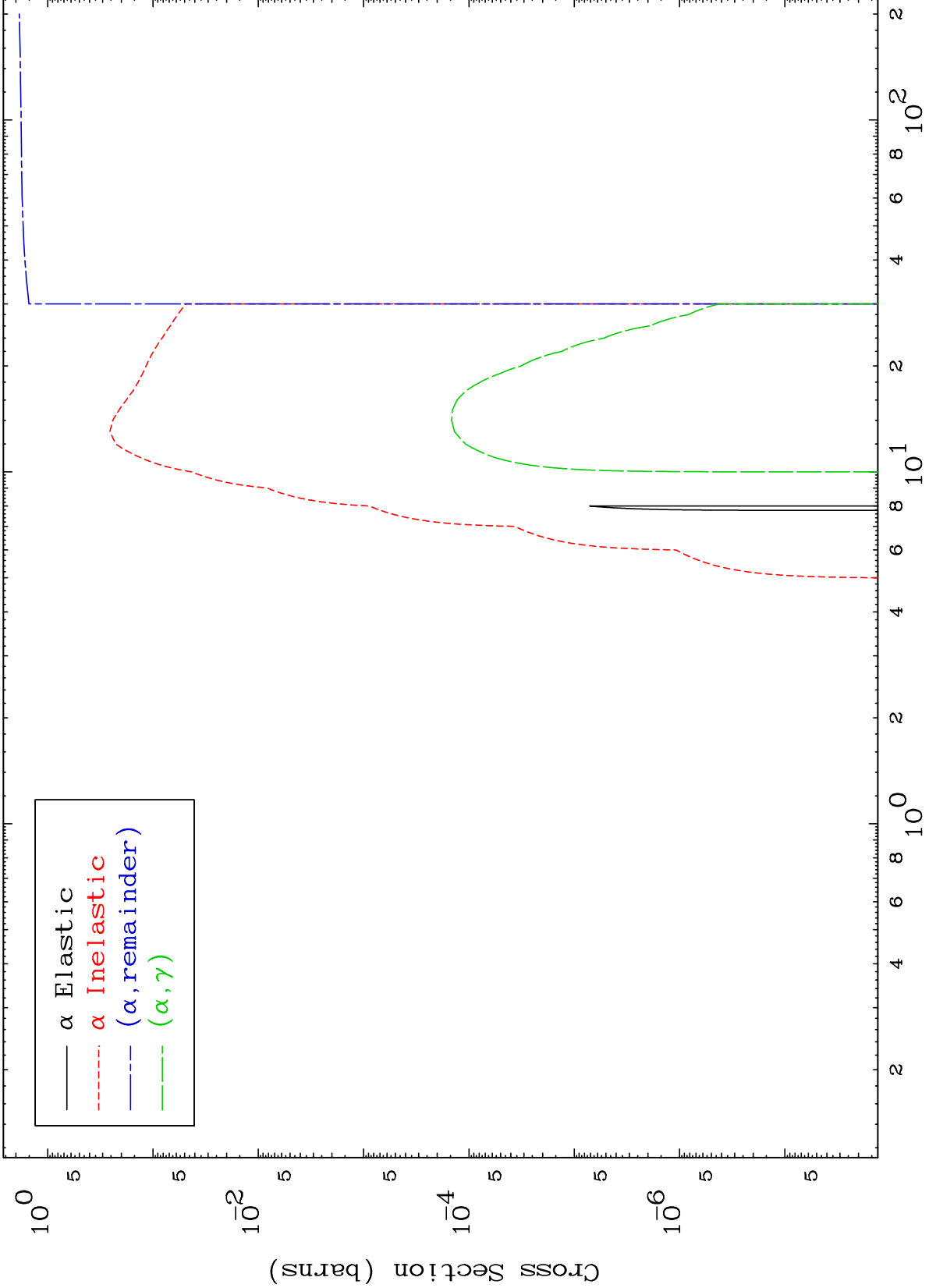
Press Mouse Button to Start

MAT 3537

α Major

35-Br-83

0 Kelvin Cross Sections

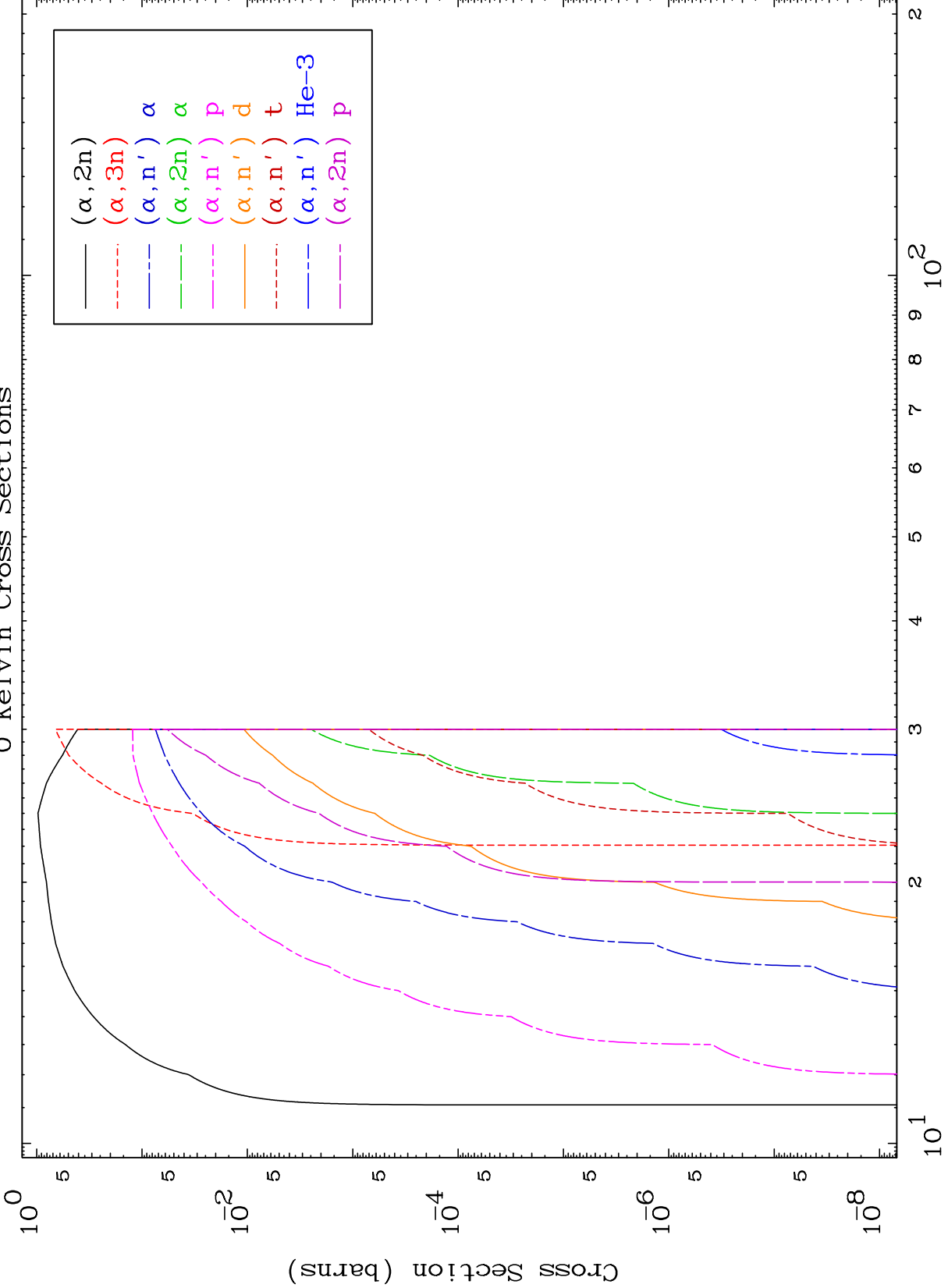


Legend:
— α Elastic
- - - α Inelastic
- · - α remainder
- - - (α, γ)

MAT 3537

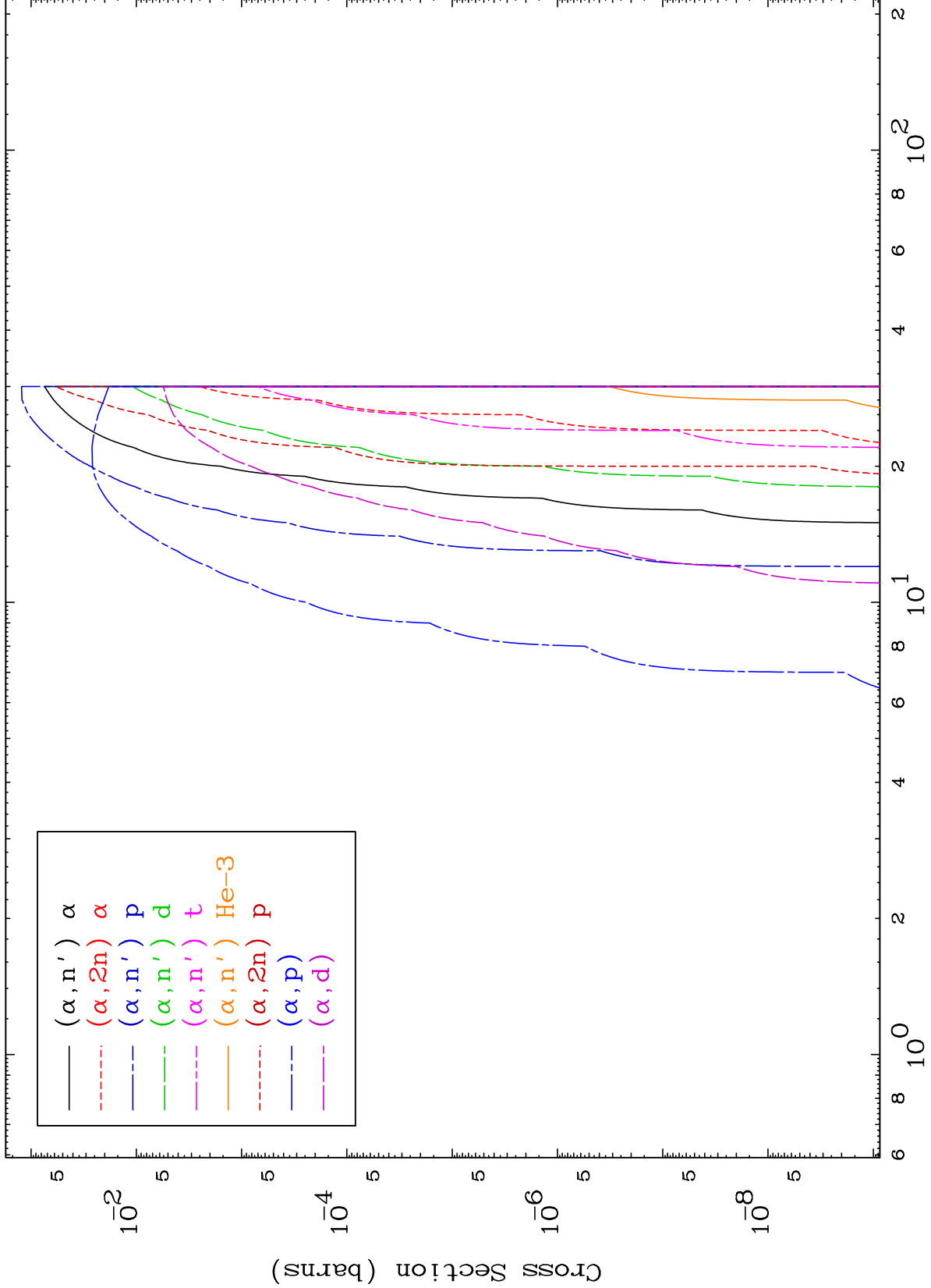
α Neutron Production
0 Kelvin Cross Sections

35-Br-83



Incident Energy (MeV)

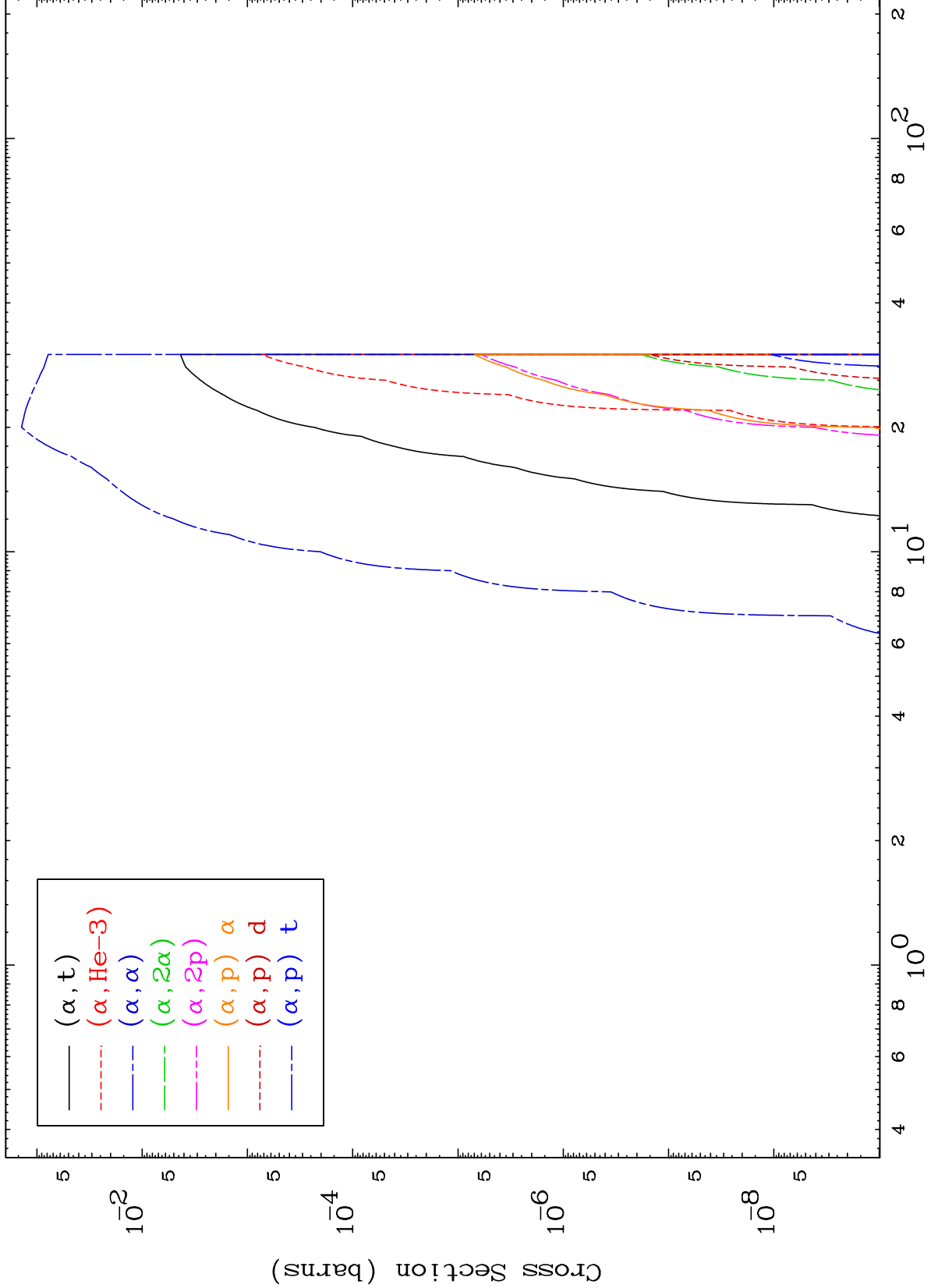
35-Br-83



MAT 3537

α Charged Particle
0 Kelvin Cross Sections

35-Br-83

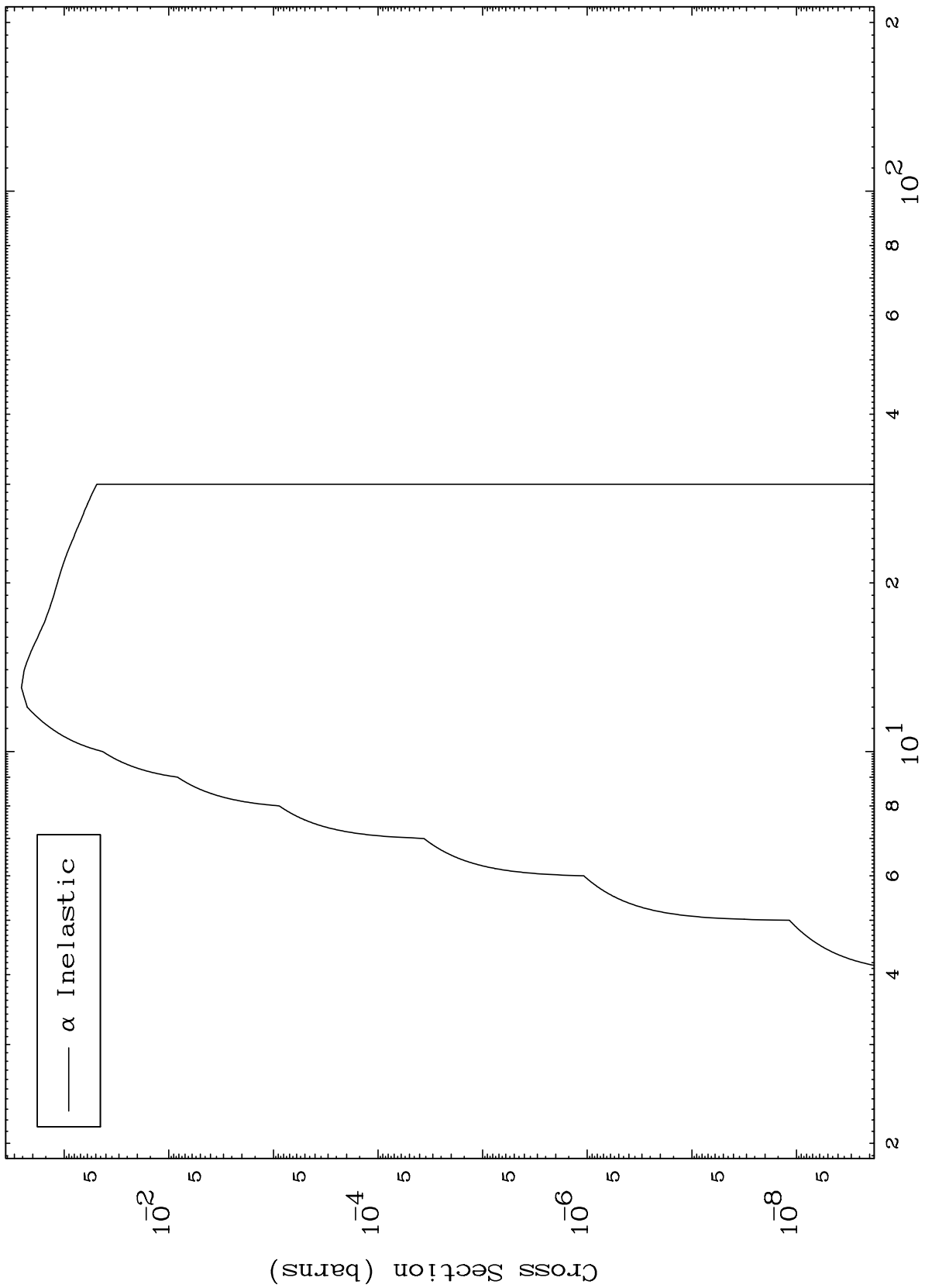


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Incident Energy (MeV)

35-Br-83

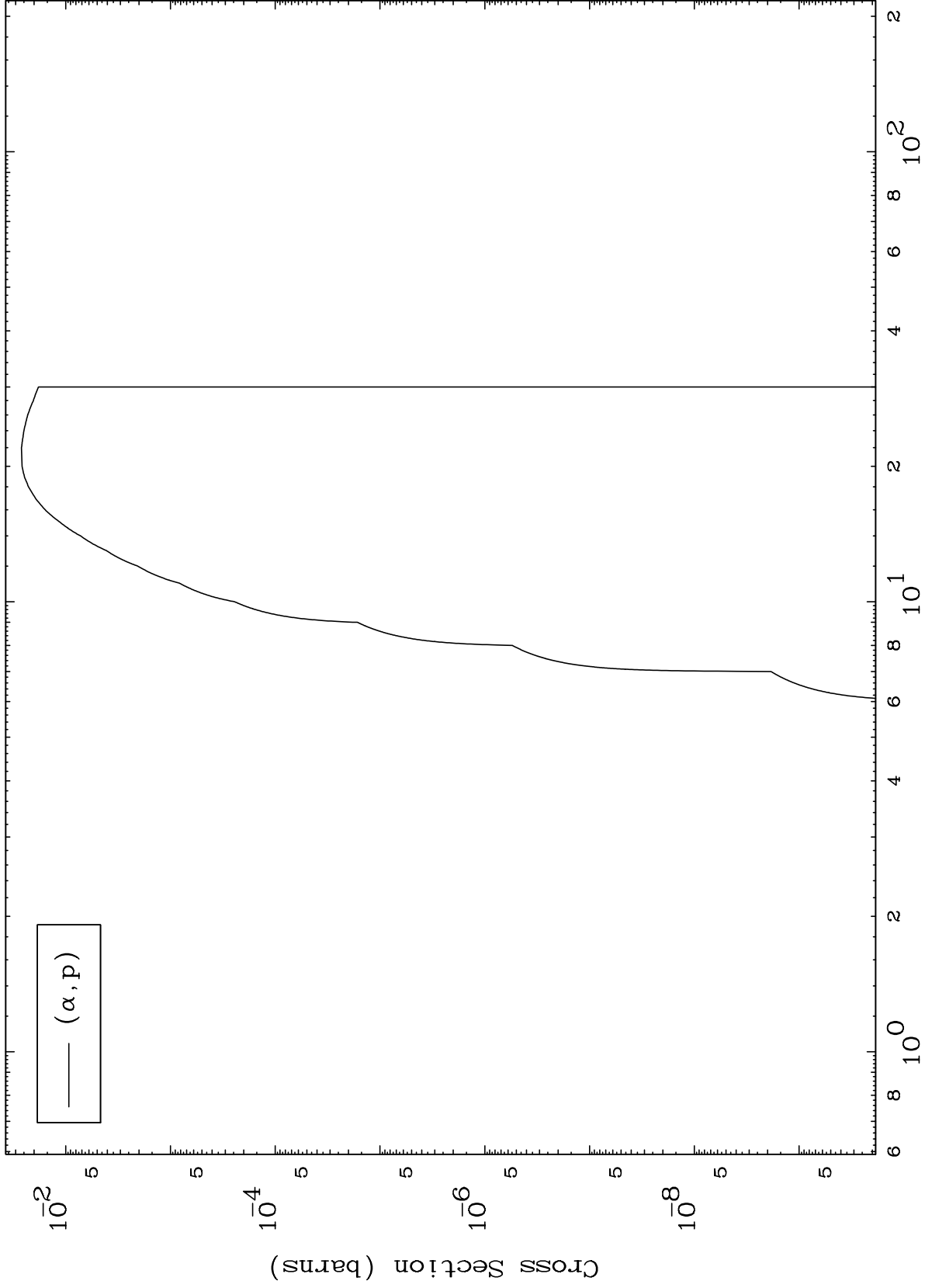
(α, n') Level
0 Kelvin Cross Sections



MAT 3537

(α, p) Levels
0 Kelvin Cross Sections

35-Br-83



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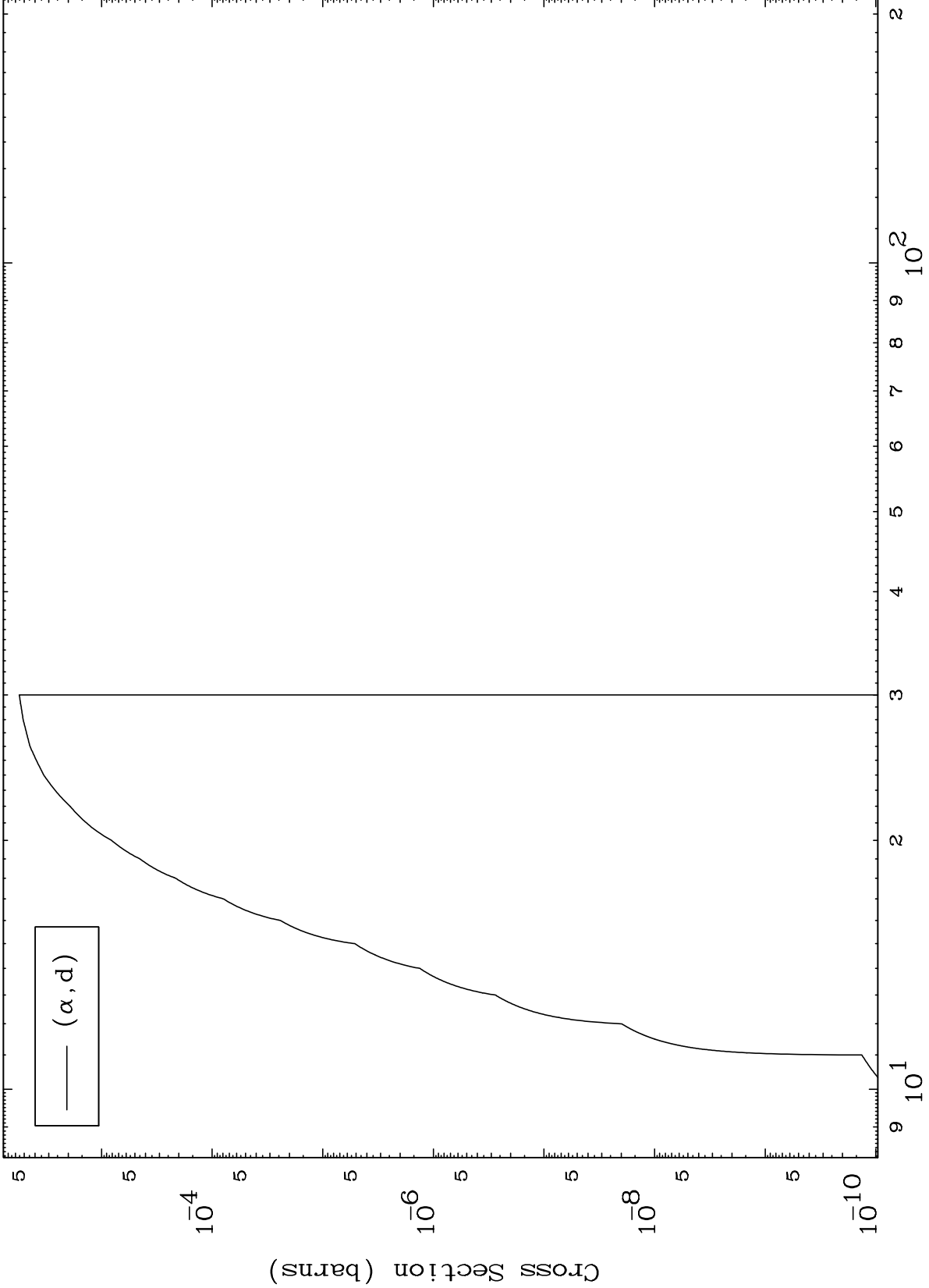
Incident Energy (MeV)

35-Br-83

MAT 3537

(α, d) Levels
0 Kelvin Cross Sections

35-Br-83



Incident Energy (MeV)

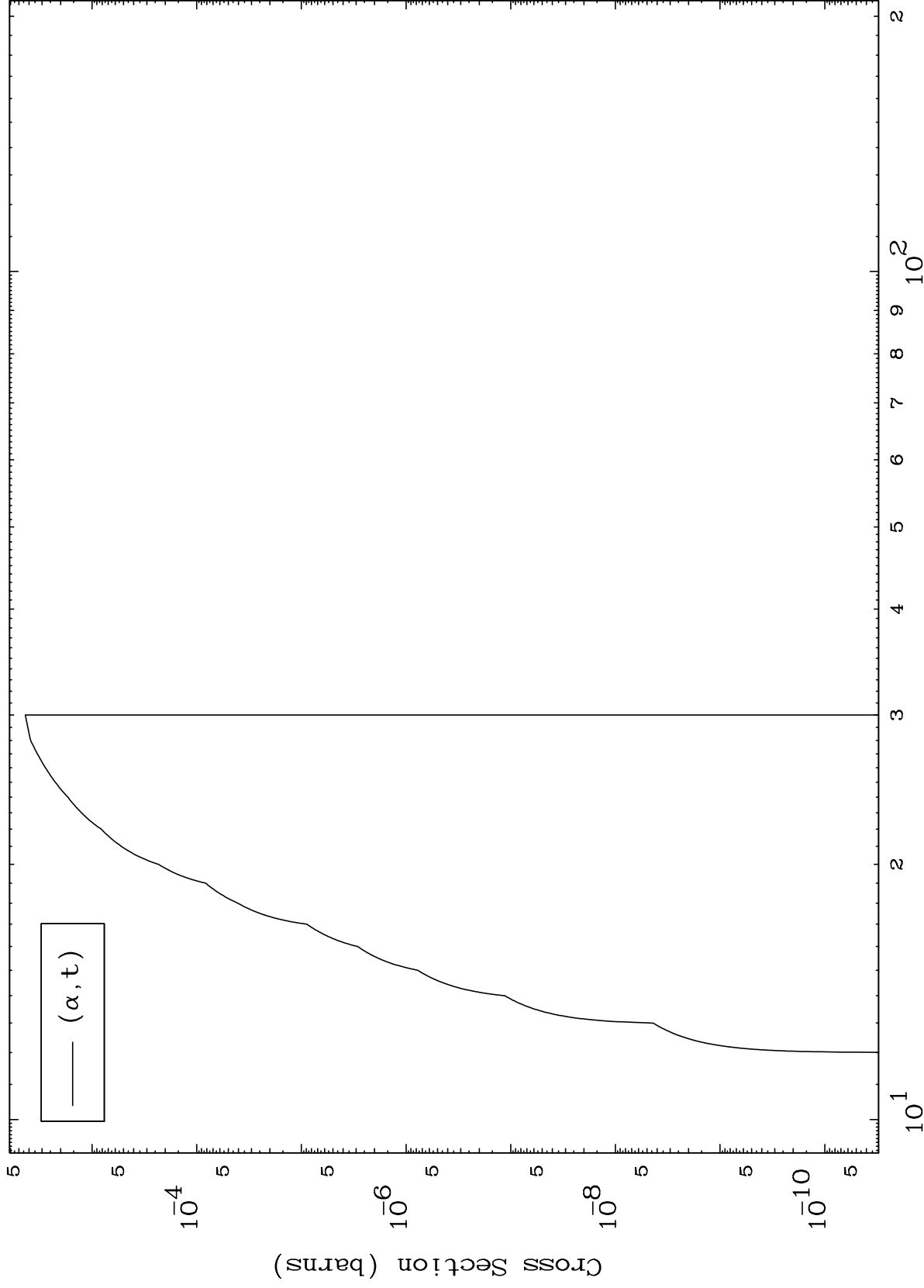
35-Br-83

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MAT 3537

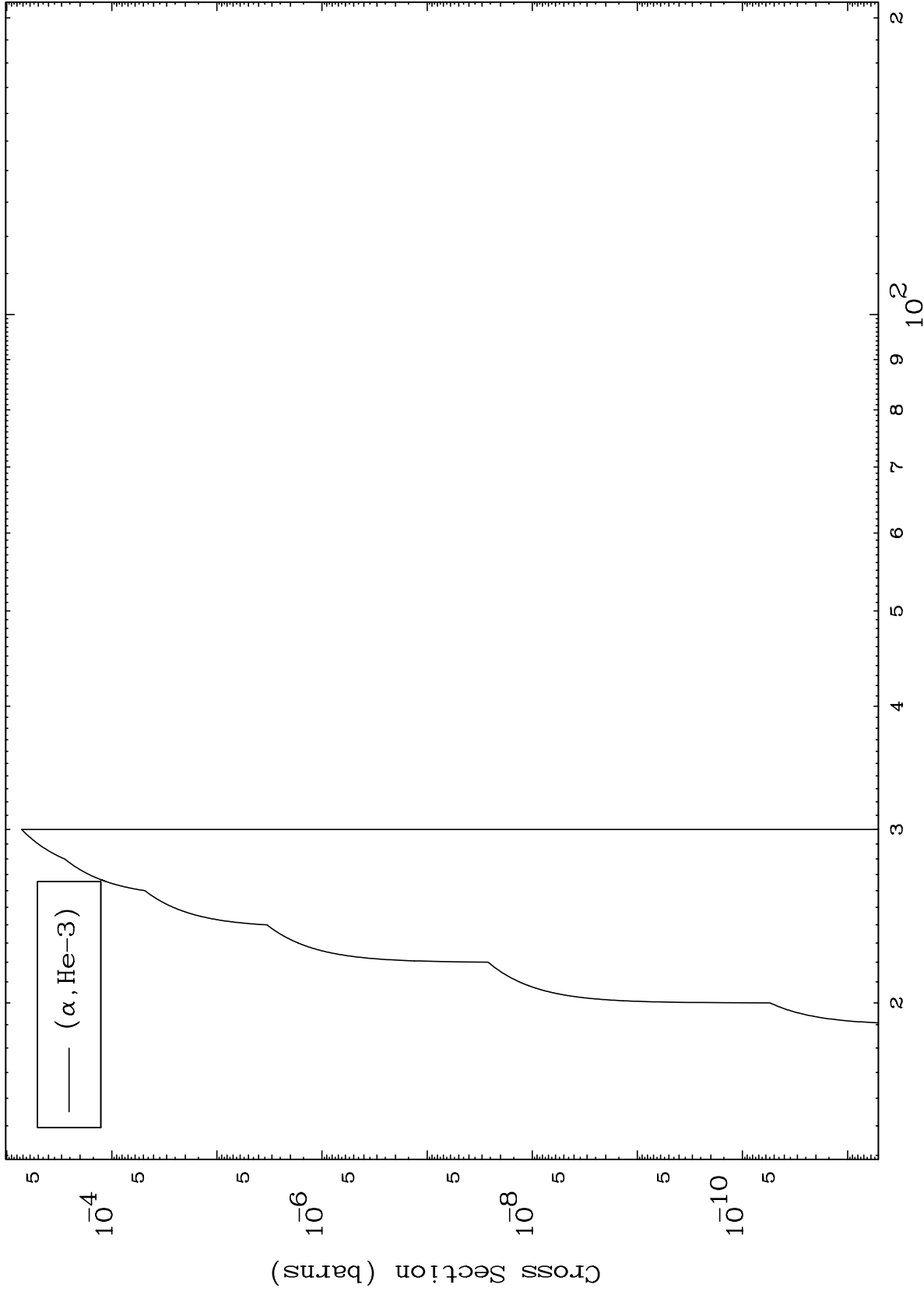
(α, t) Levels
0 Kelvin Cross Sections

35-Br-83



Incident Energy (MeV)

35-Br-83

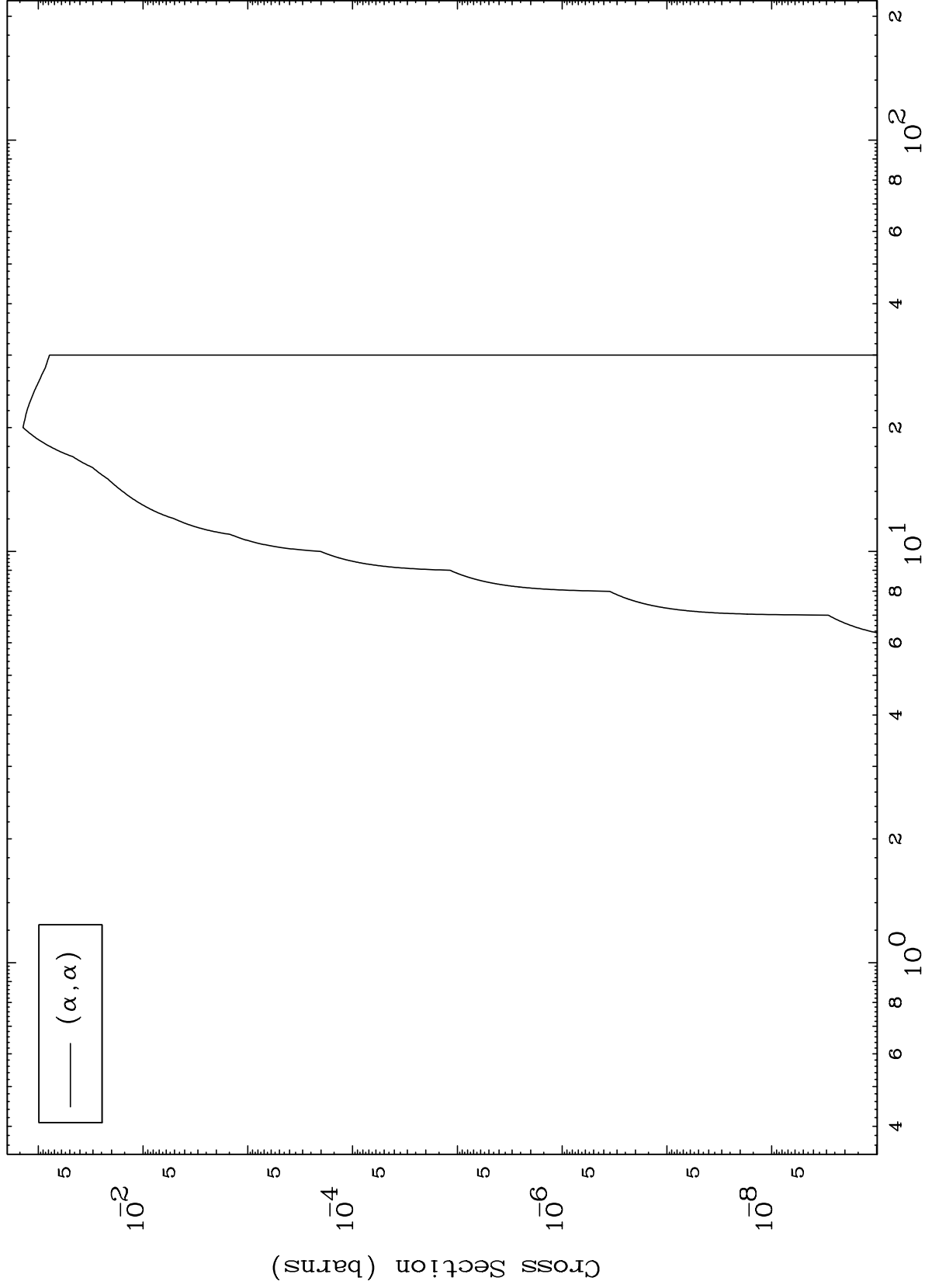


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(α, α) Levels

35-Br-83

0 Kelvin Cross Sections



Incident Energy (MeV)

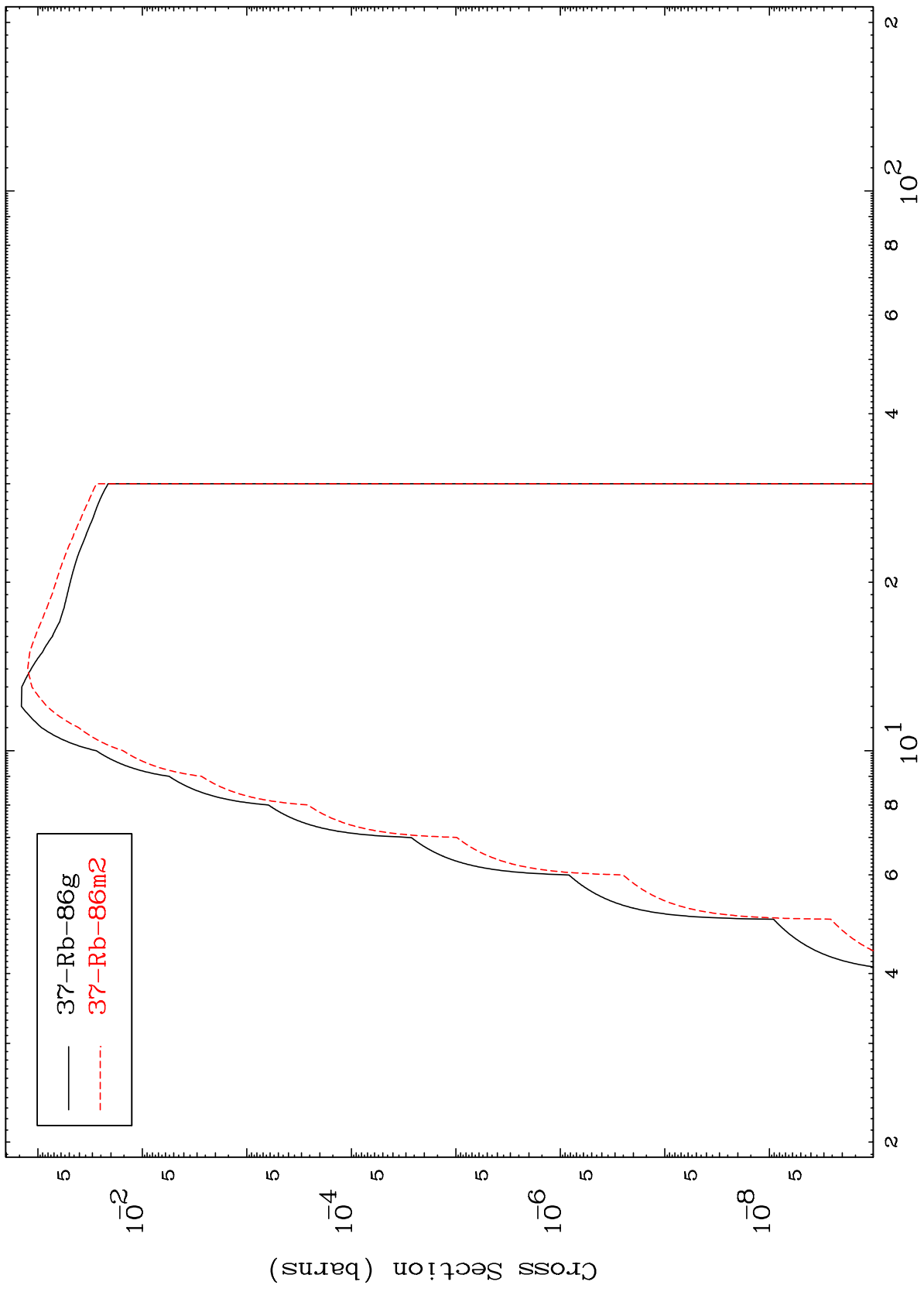
35-Br-83

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35-Br-83

Radionuclide Production Cross Section
 α Inelastic



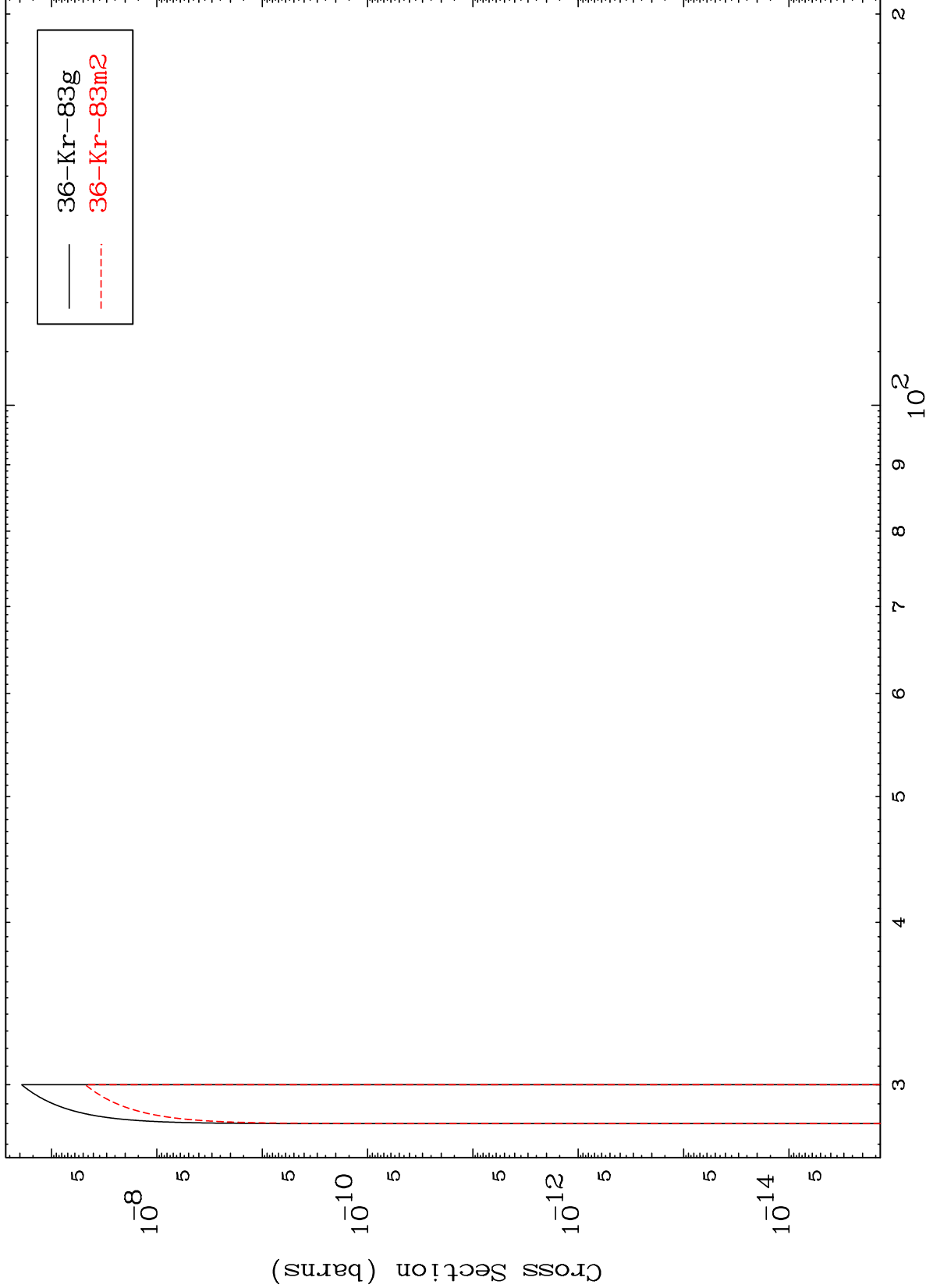
— 37-Rb-86g
- - - 37-Rb-86m2

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($\alpha, 2n$) d

35-Br-83

Radionuclide Production Cross Section



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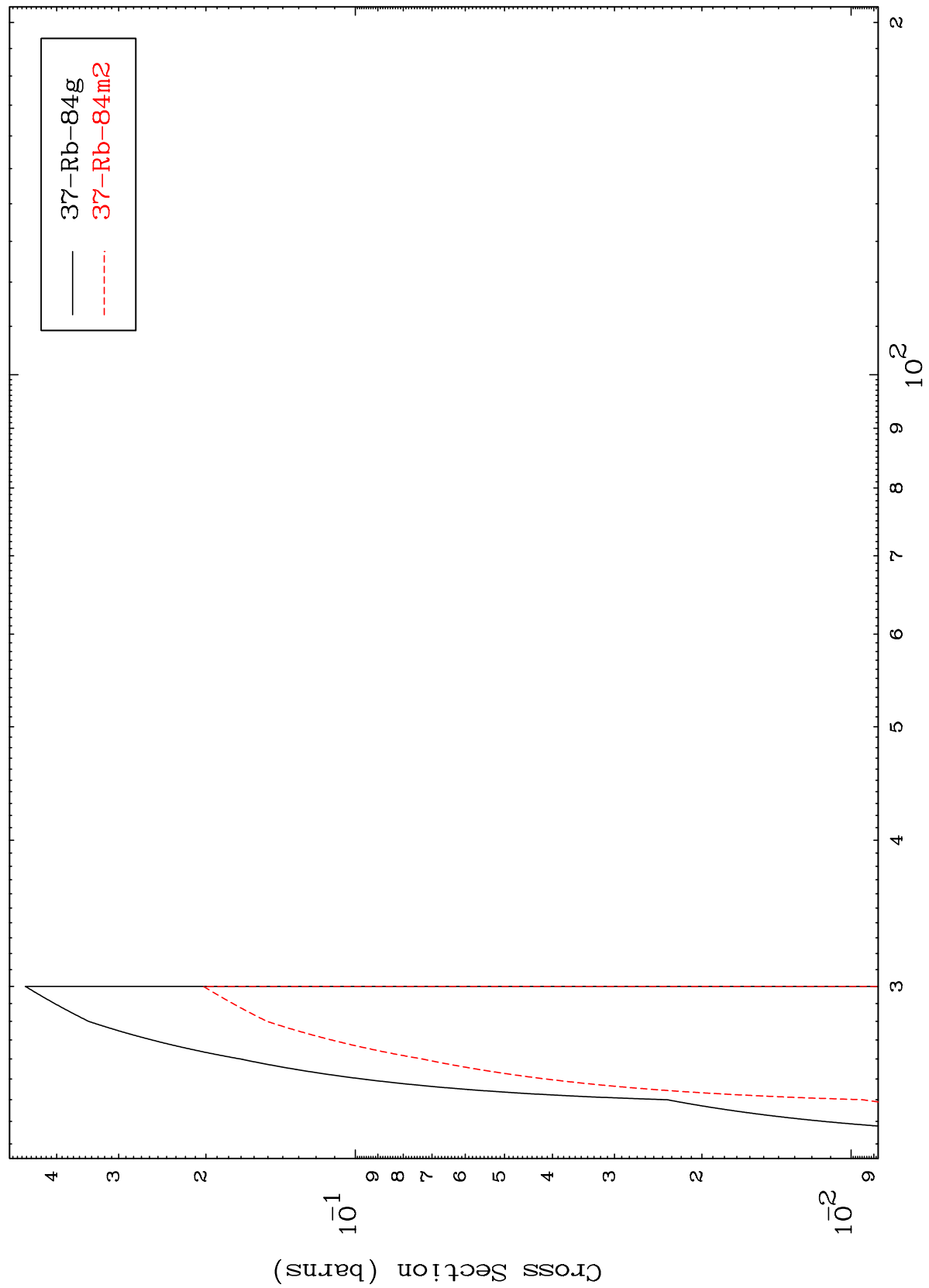
Incident Energy (MeV)

35-Br-83

MAT 3537

35-Br-83

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



— 37-Rb-84g
- - - 37-Rb-84m2

13

Incident Energy (MeV)

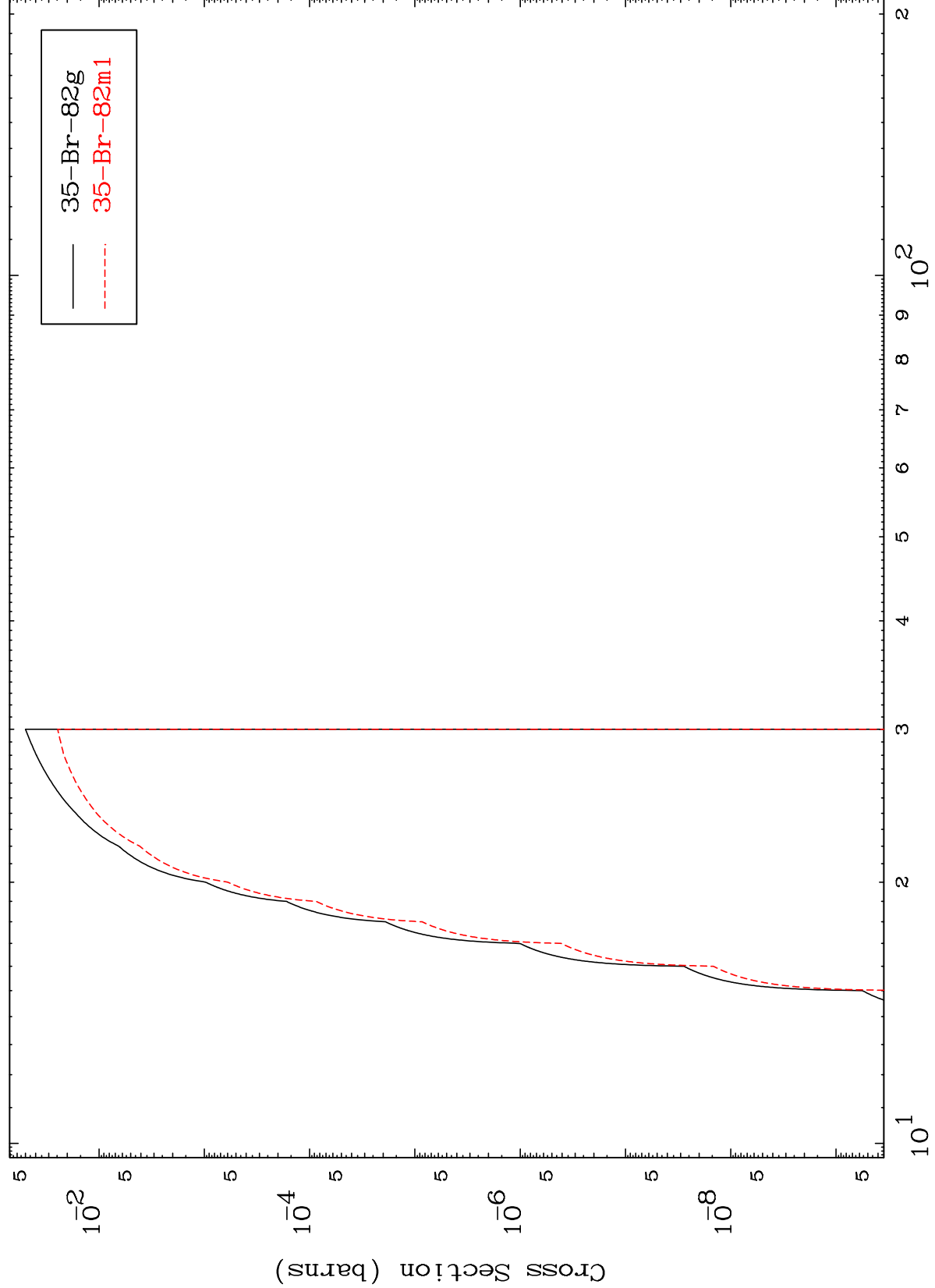
35-Br-83

MAT 3537

(α, n') α

35-Br-83

Radionuclide Production Cross Section



Incident Energy (MeV)

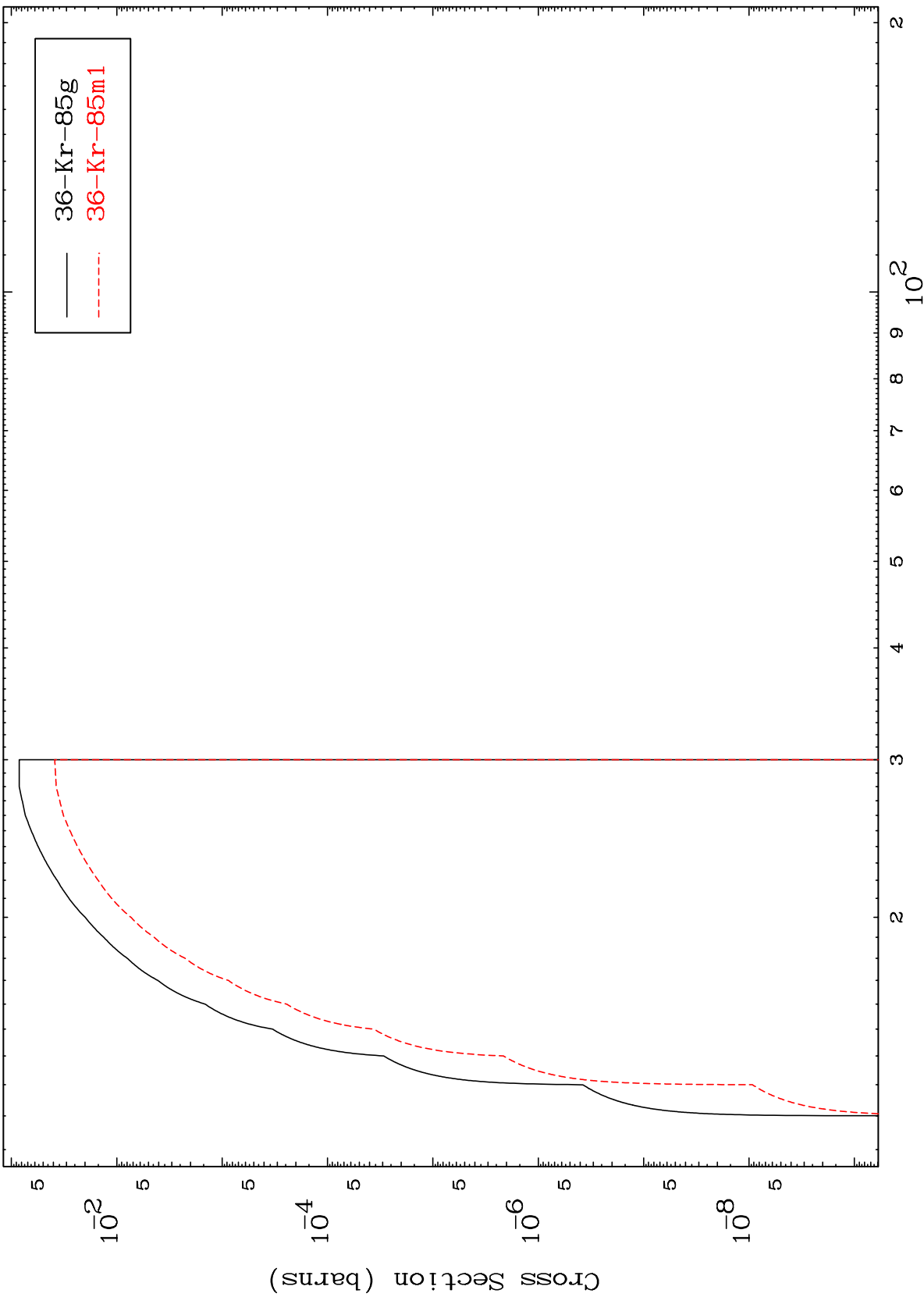
35-Br-83

MAT 3537

(α, n') p

35-Br-83

Radionuclide Production Cross Section



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Incident Energy (MeV)

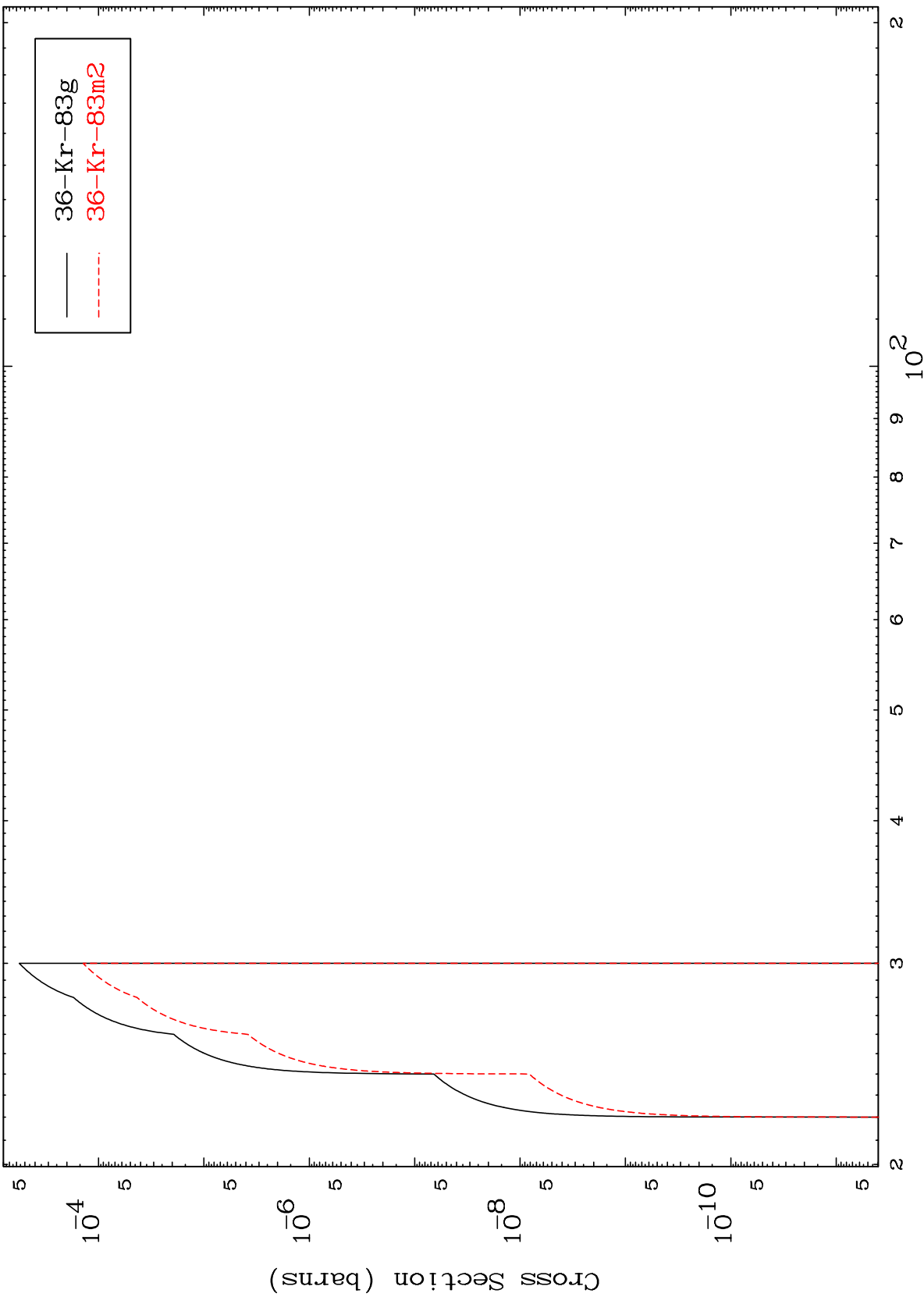
35-Br-83

MAT 3537

(α, n') t

35-Br-83

Radionuclide Production Cross Section



16

Incident Energy (MeV)

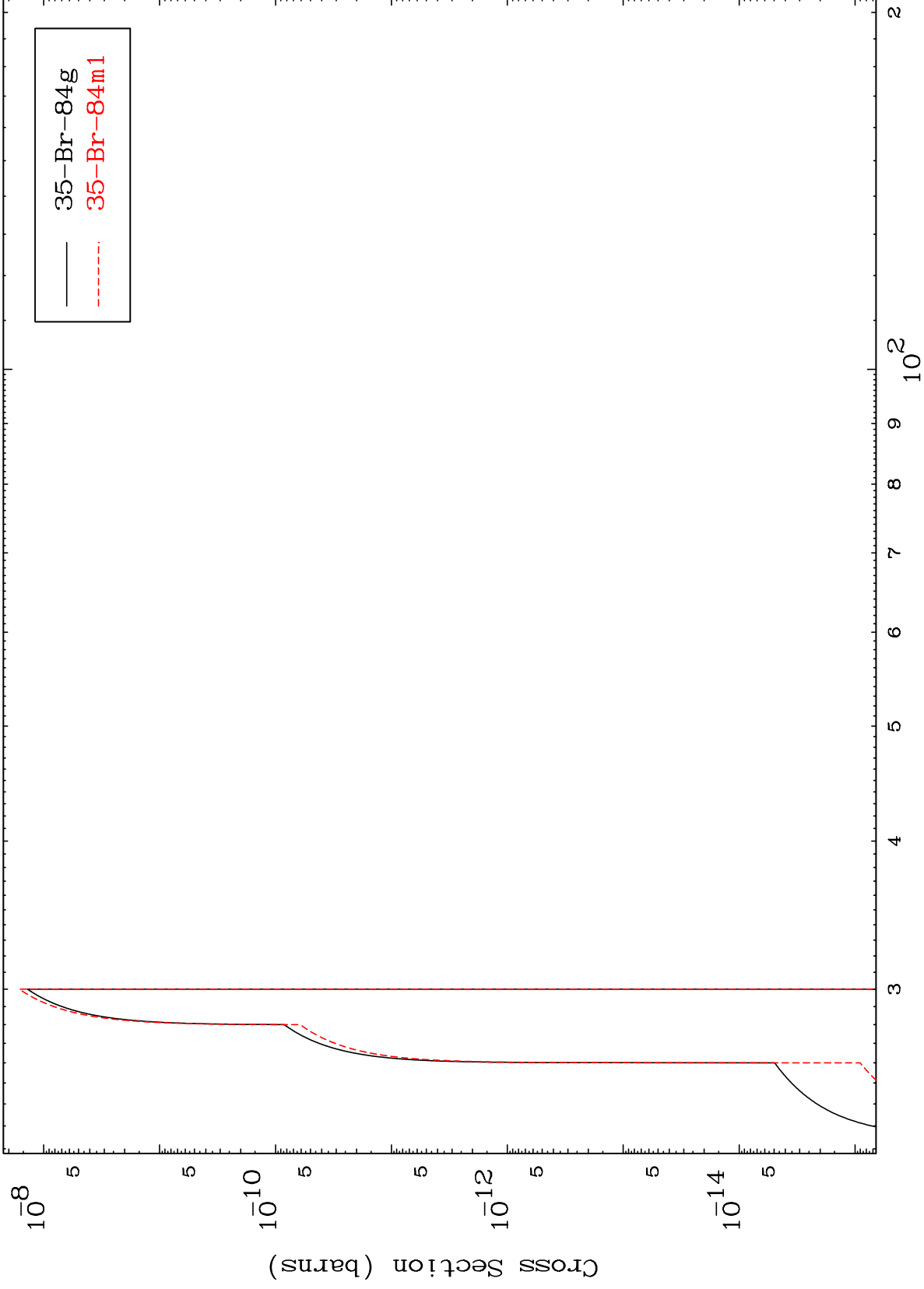
35-Br-83

MAT 3537

$(\alpha, 2n)$ p

³⁵Br-83

Radionuclide Production Cross Section

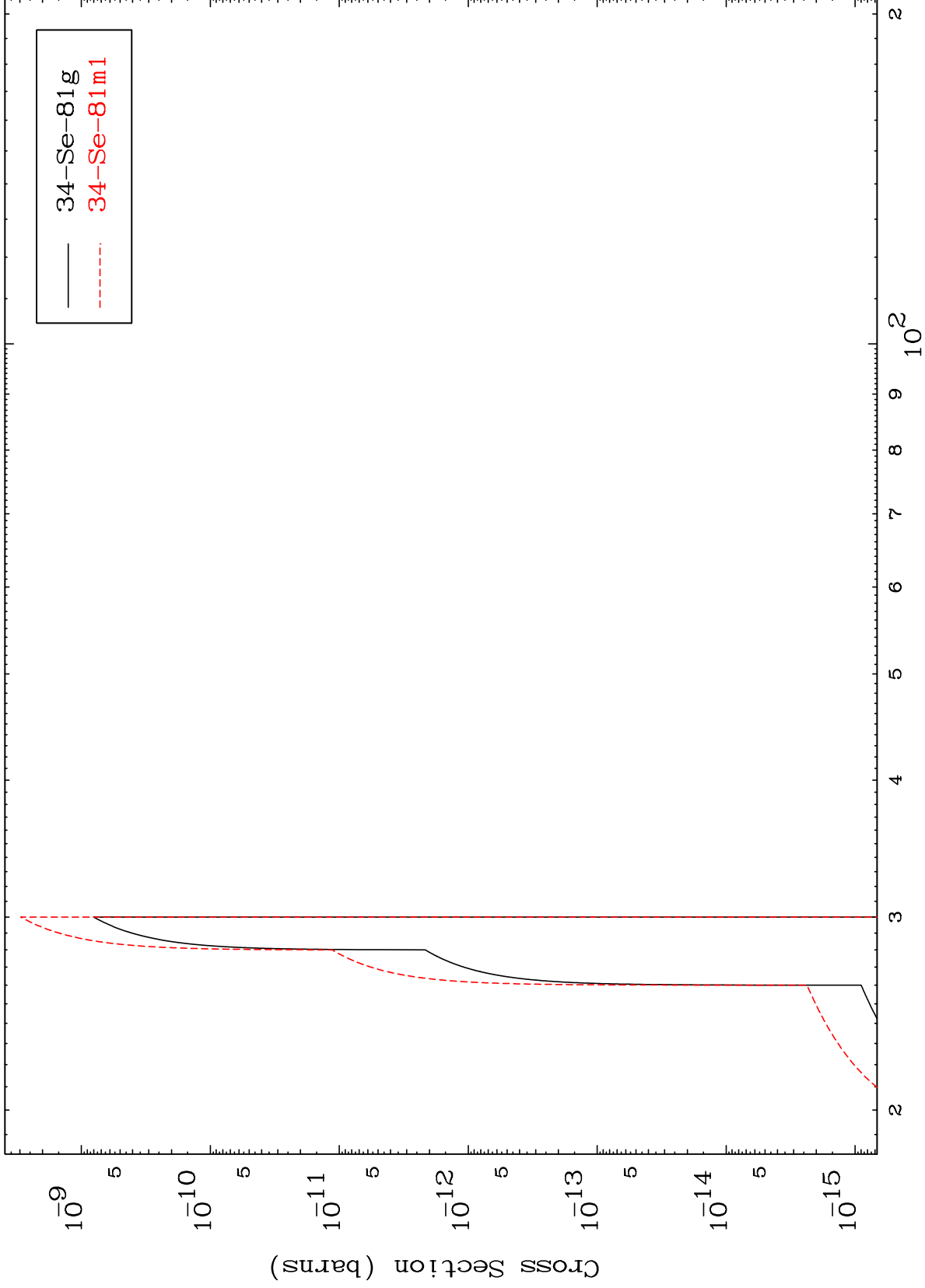


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Incident Energy (MeV)

³⁵Br-83

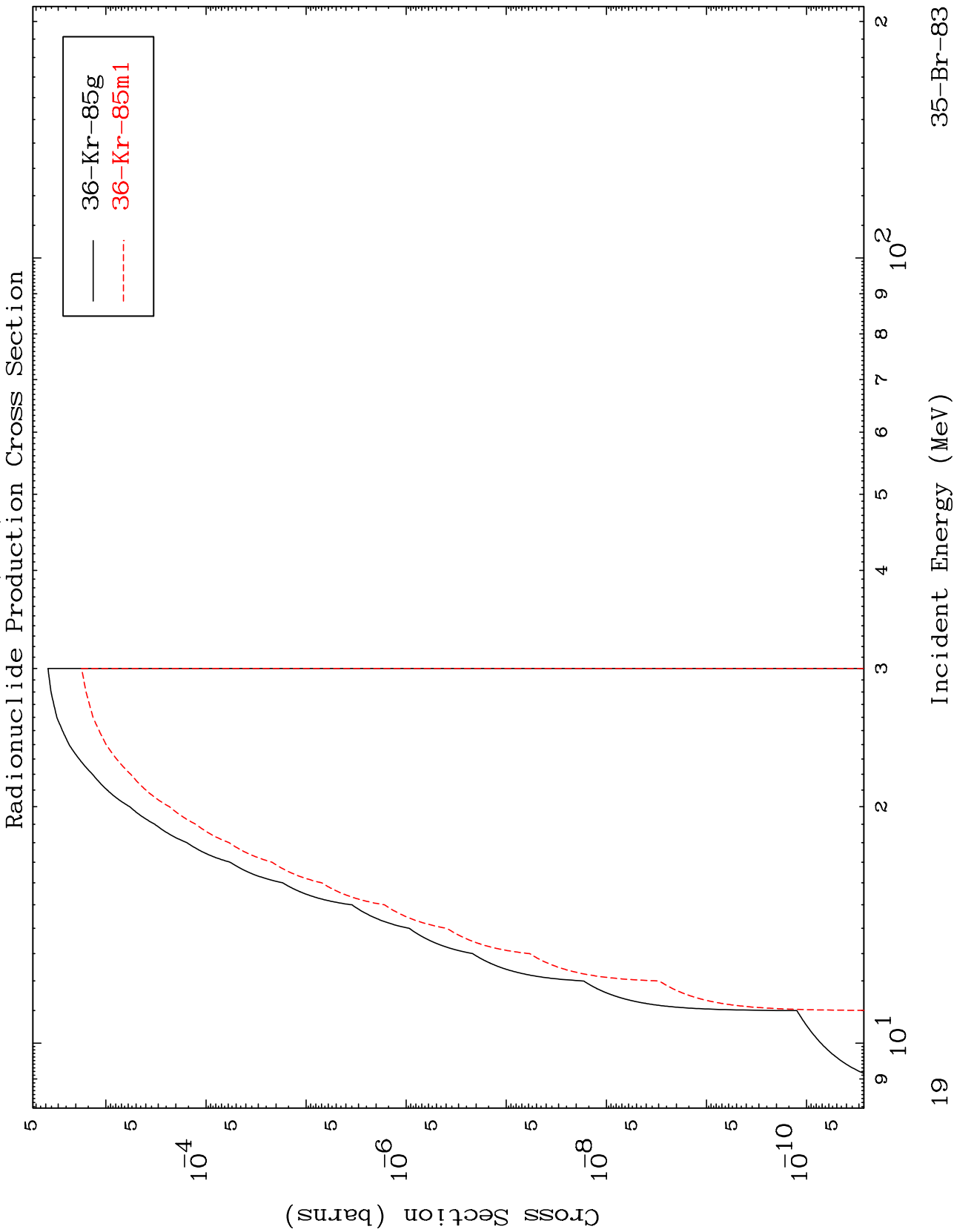
Radionuclide Production Cross Section



MAT 3537

(α, d)

35-Br-83



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Incident Energy (MeV)

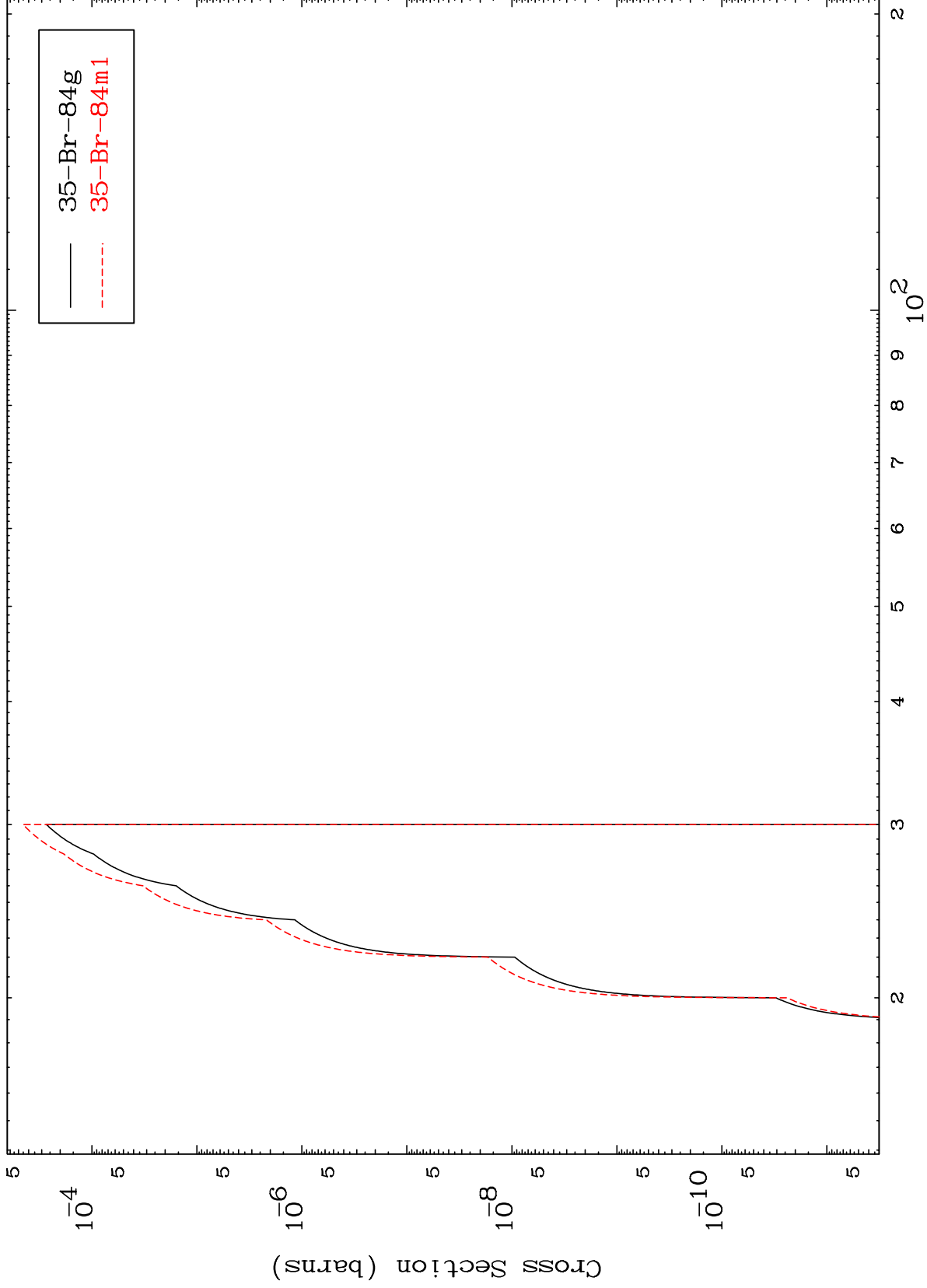
35-Br-83

MAT 3537

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

35-Br-83

Radionuclide Production Cross Section



20

Incident Energy (MeV)

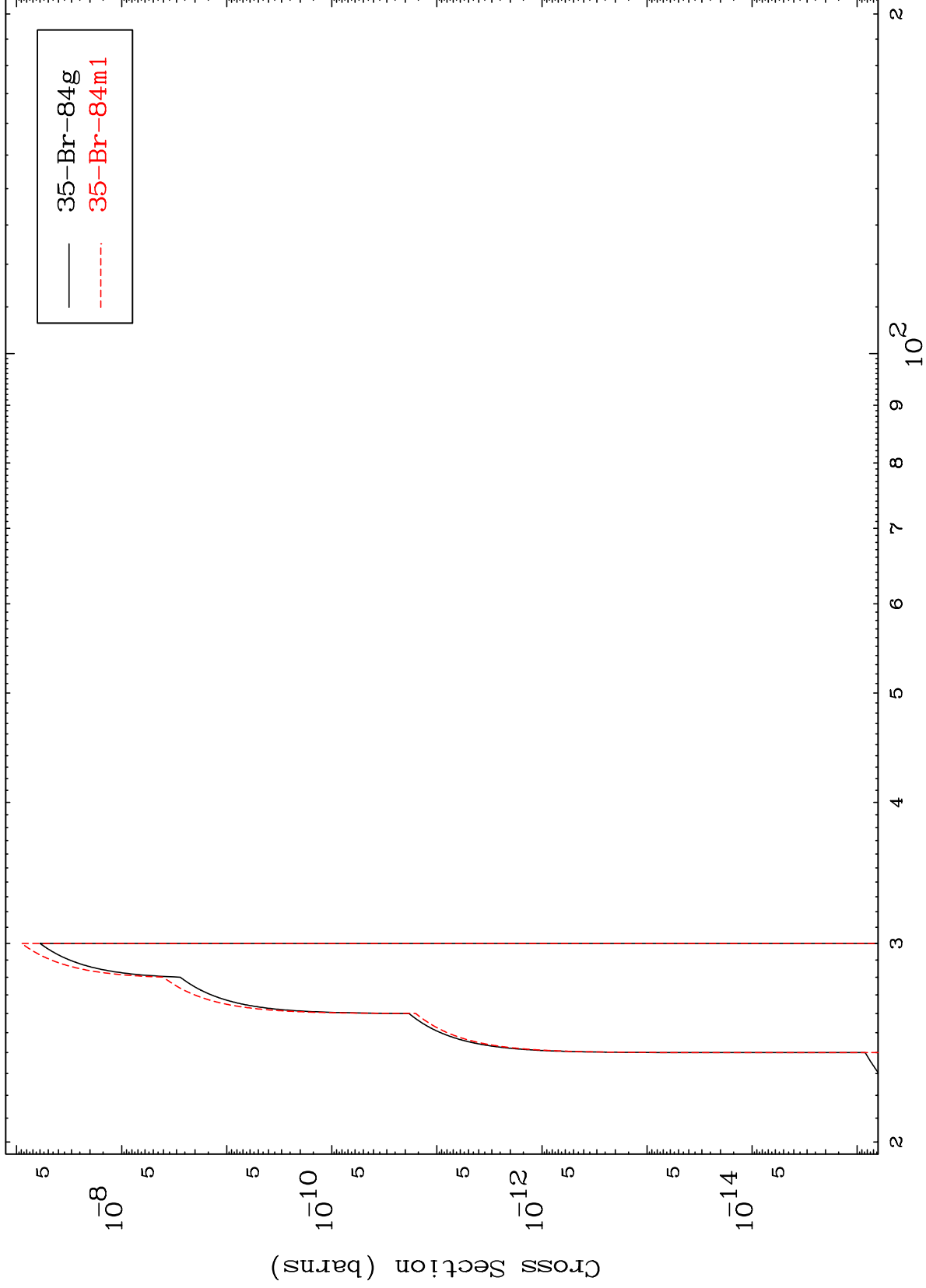
35-Br-83

MAT 3537

(α, p) d

35-Br-83

Radionuclide Production Cross Section



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Incident Energy (MeV)

35-Br-83

Radionuclide Production Cross Section

