

Program EVALPLOT
(Version 2018-1)

by

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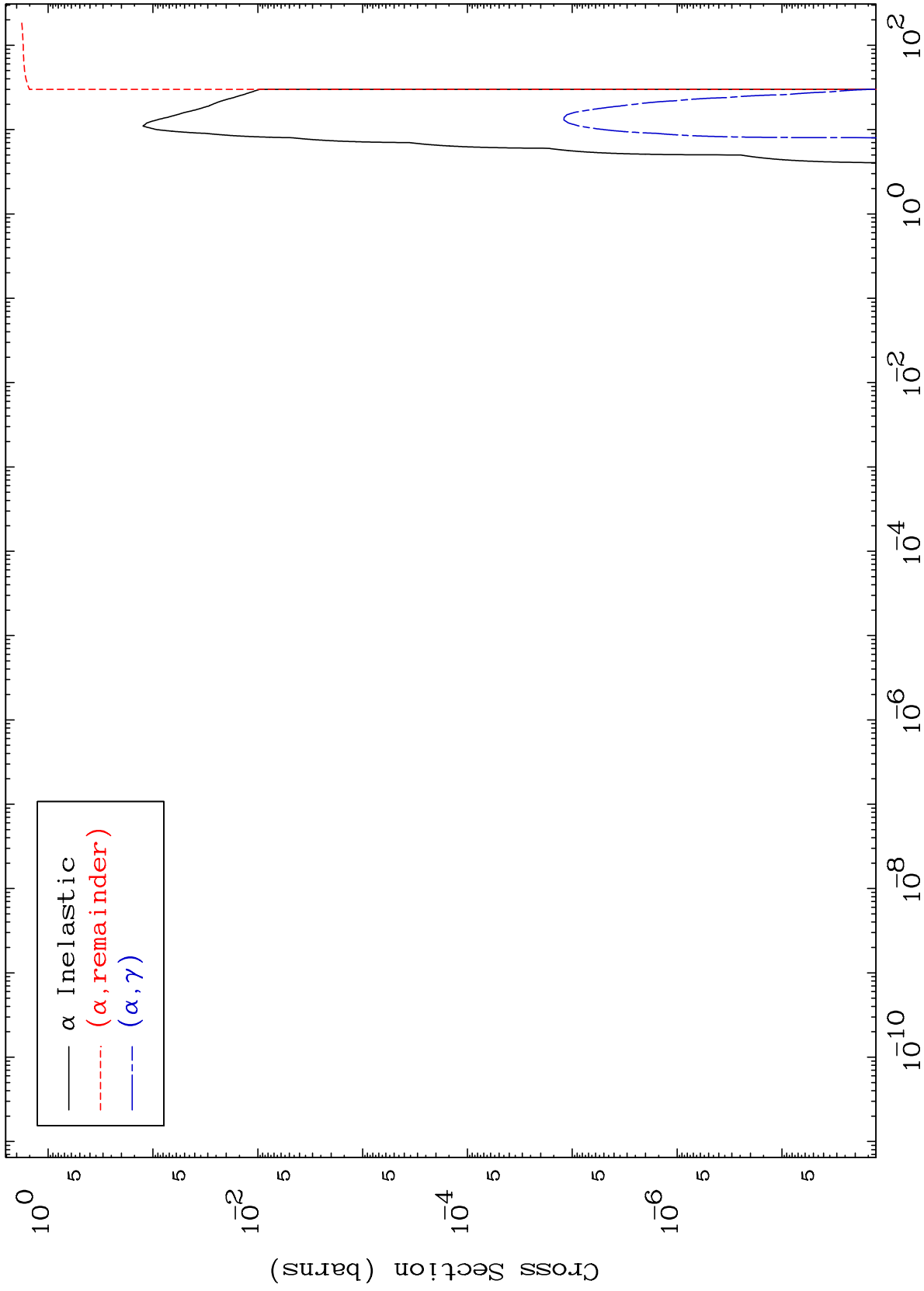
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3247

0 Kelvin α Major
Cross Sections

32-Ge-77

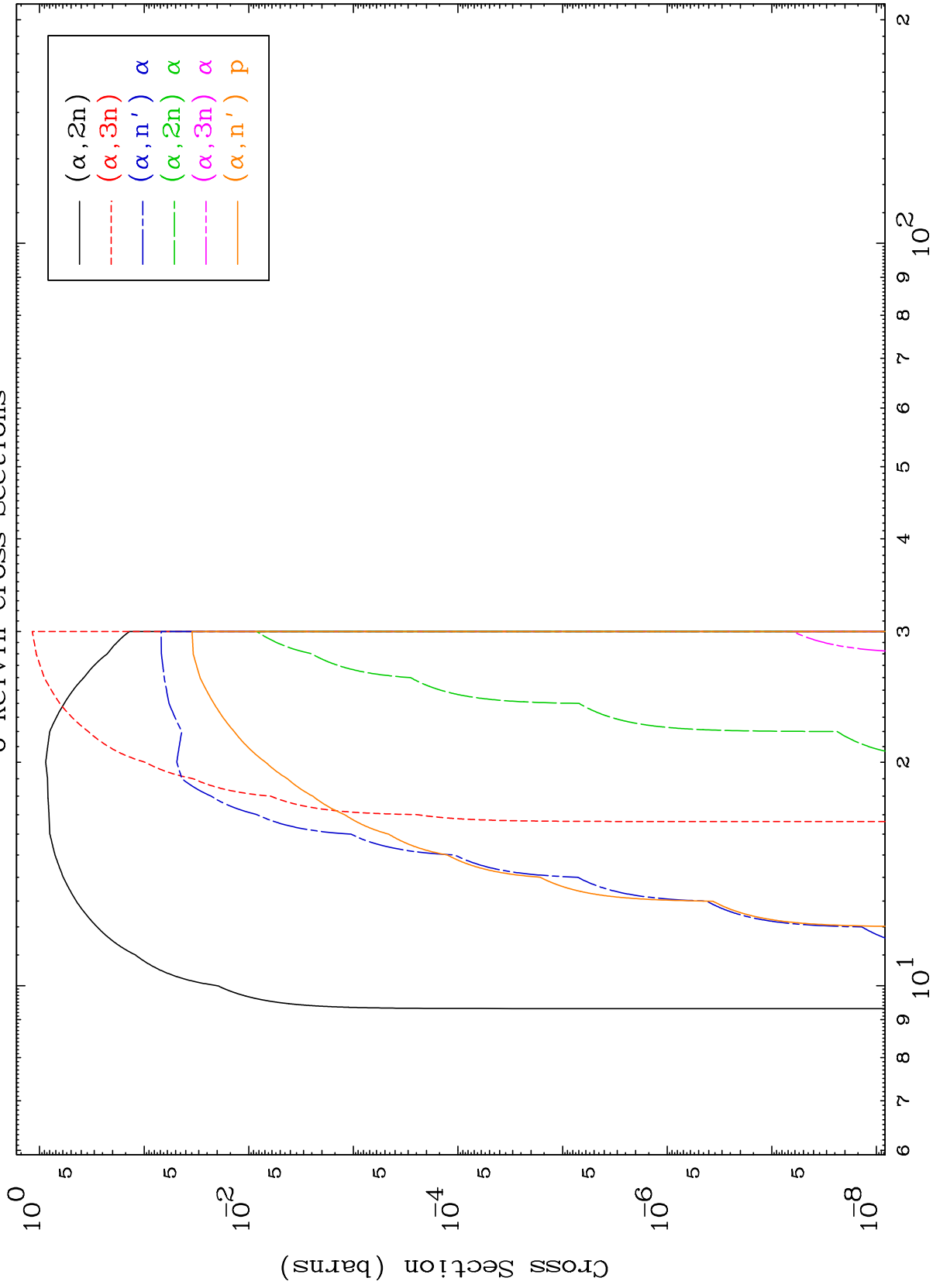


32-Ge-77

MAT 3247

α Neutron Production
0 Kelvin Cross Sections

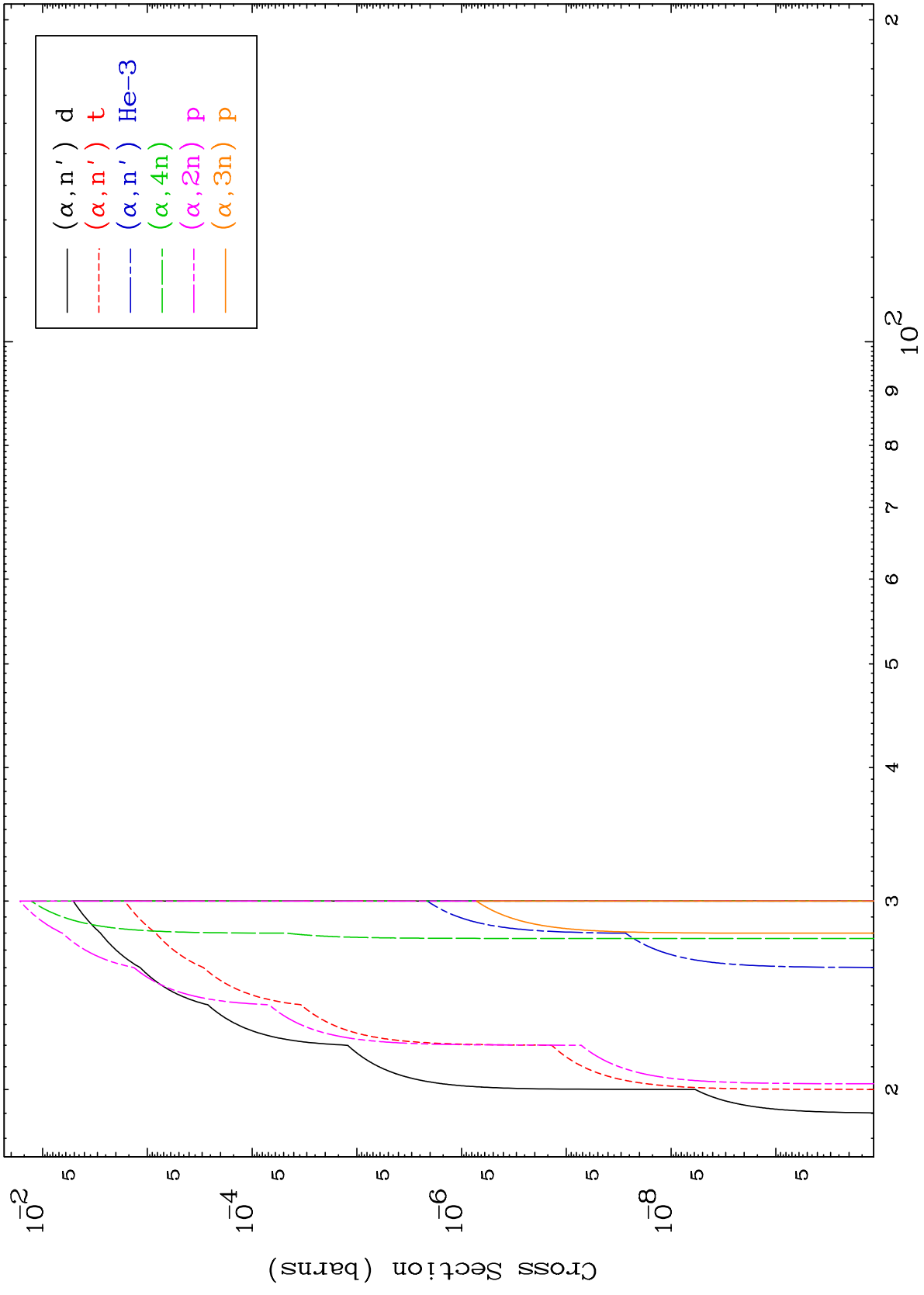
32-Ge-77

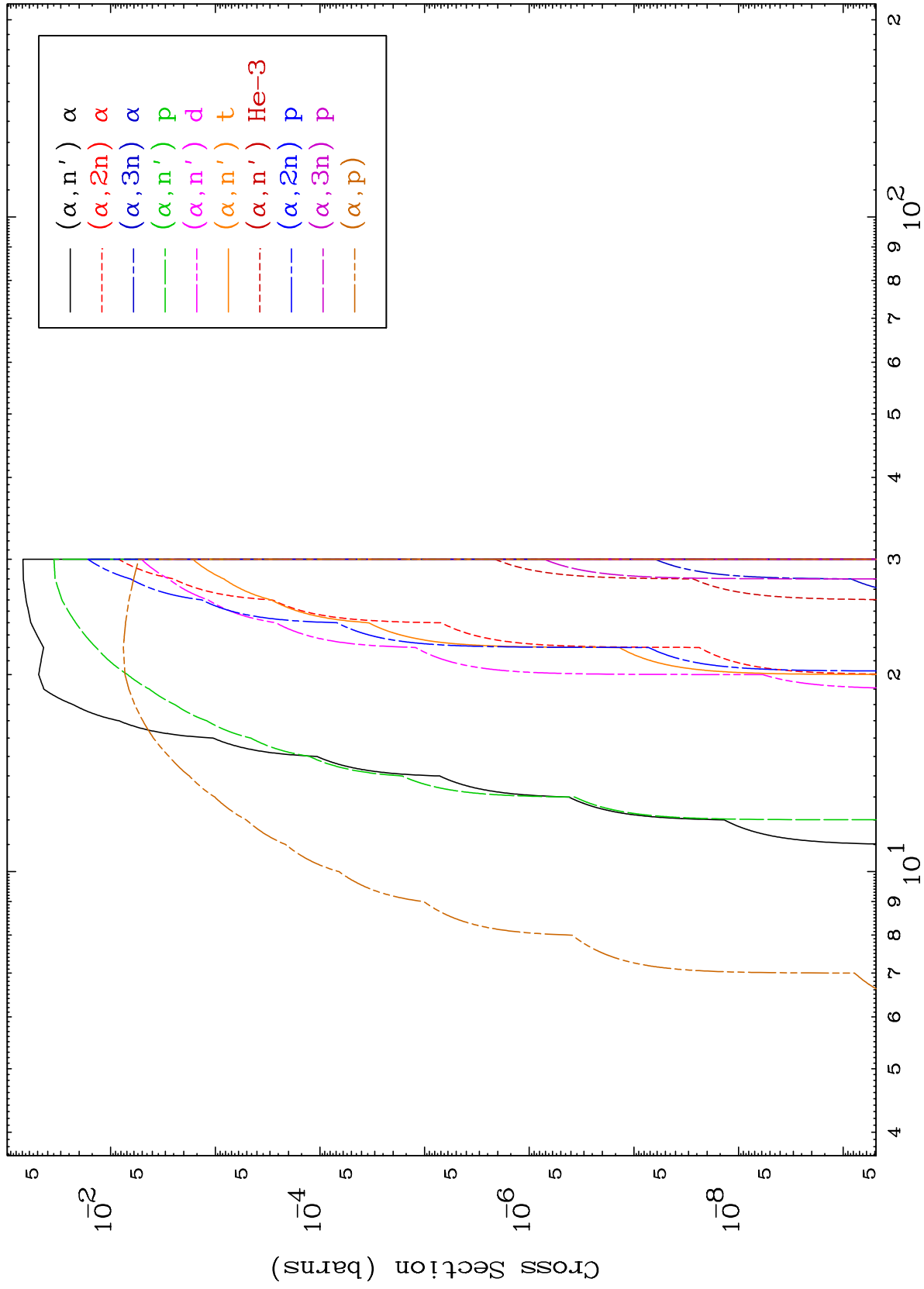


2

Incident Energy (MeV)

32-Ge-77

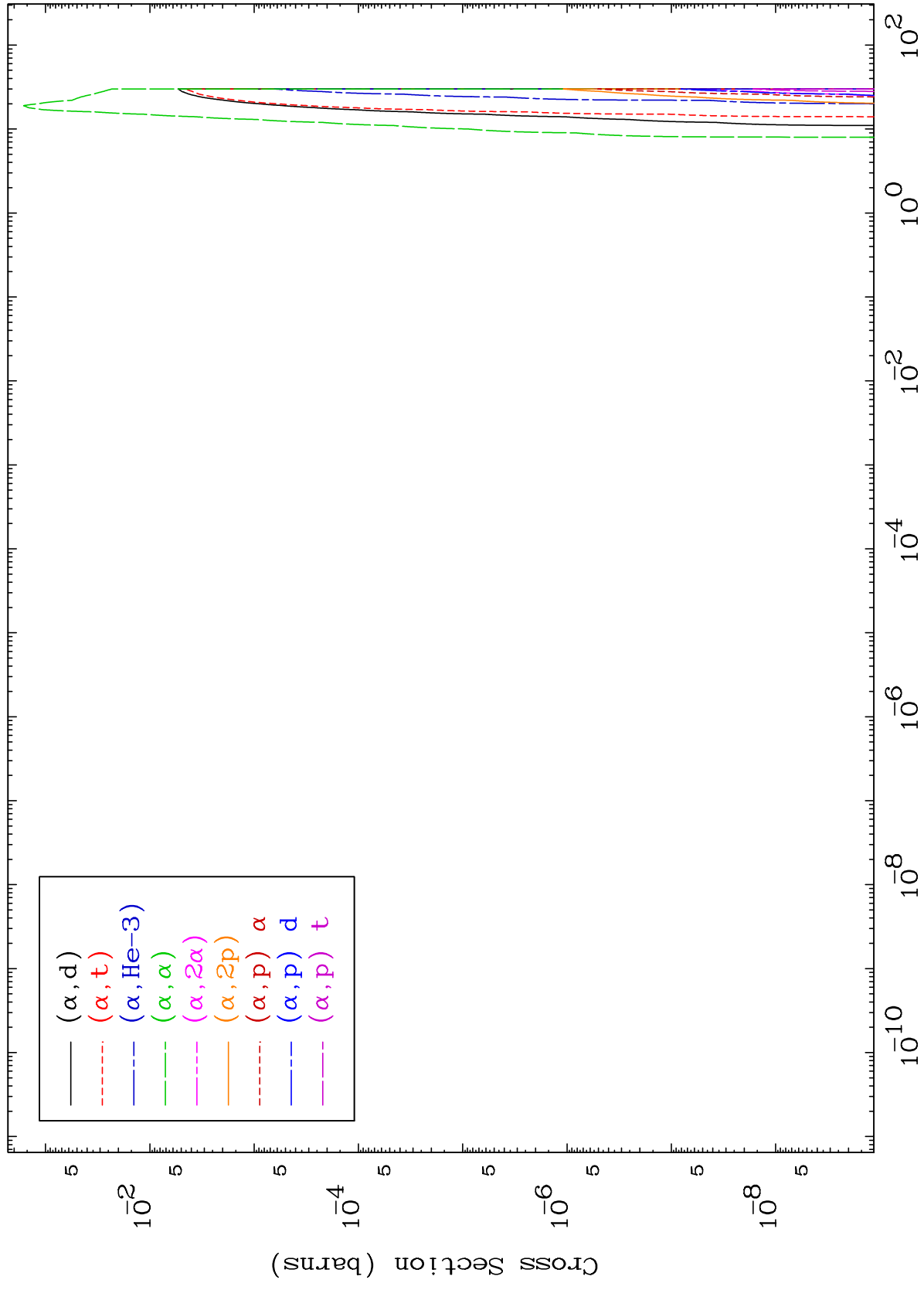




MAT 3247

α Charged Particle
0 Kelvin Cross Sections

32-Ge-77



5

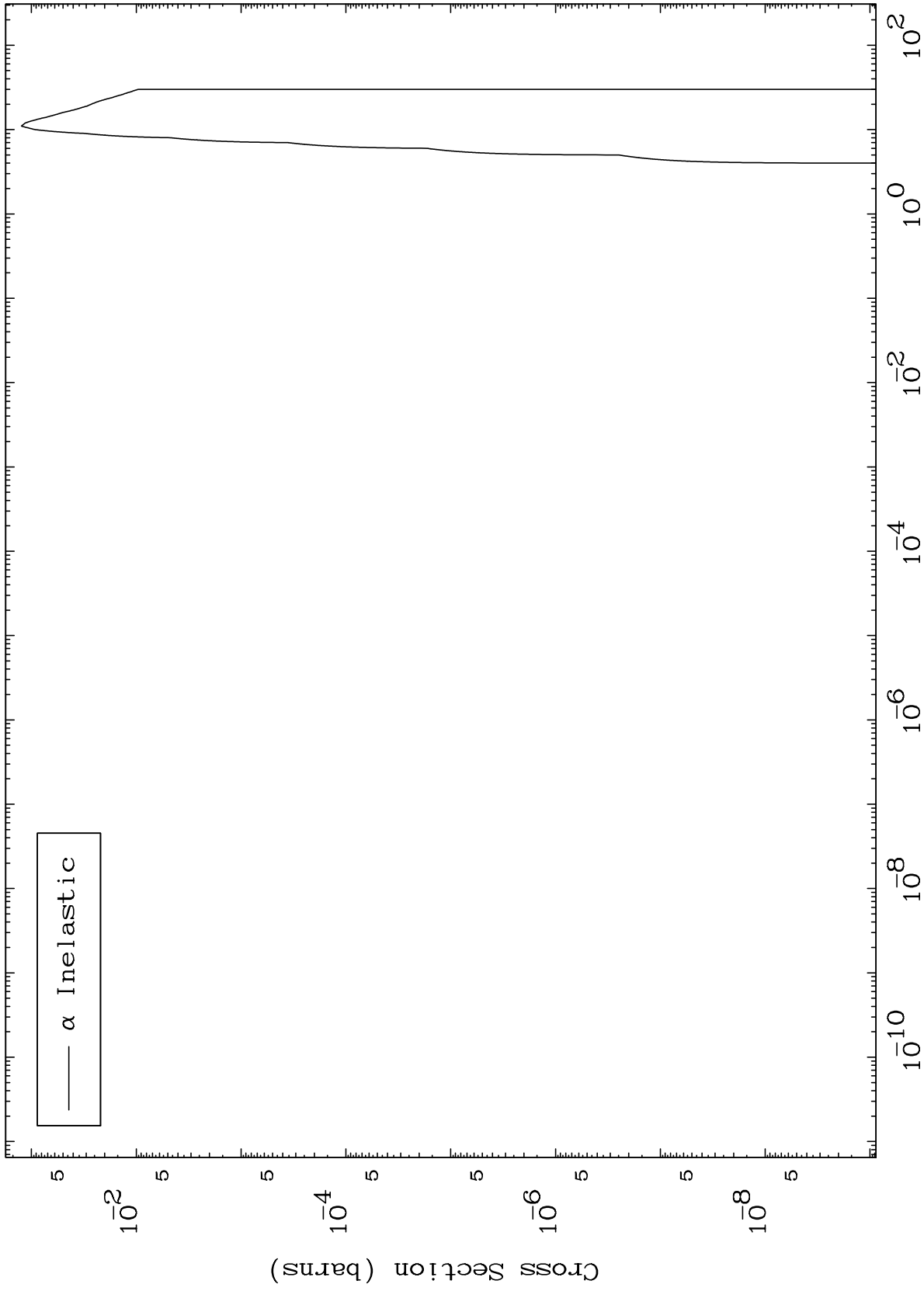
Incident Energy (MeV)

32-Ge-77

MAT 3247

(α, n') Level
0 Kelvin Cross Sections

32-Ge-77



6

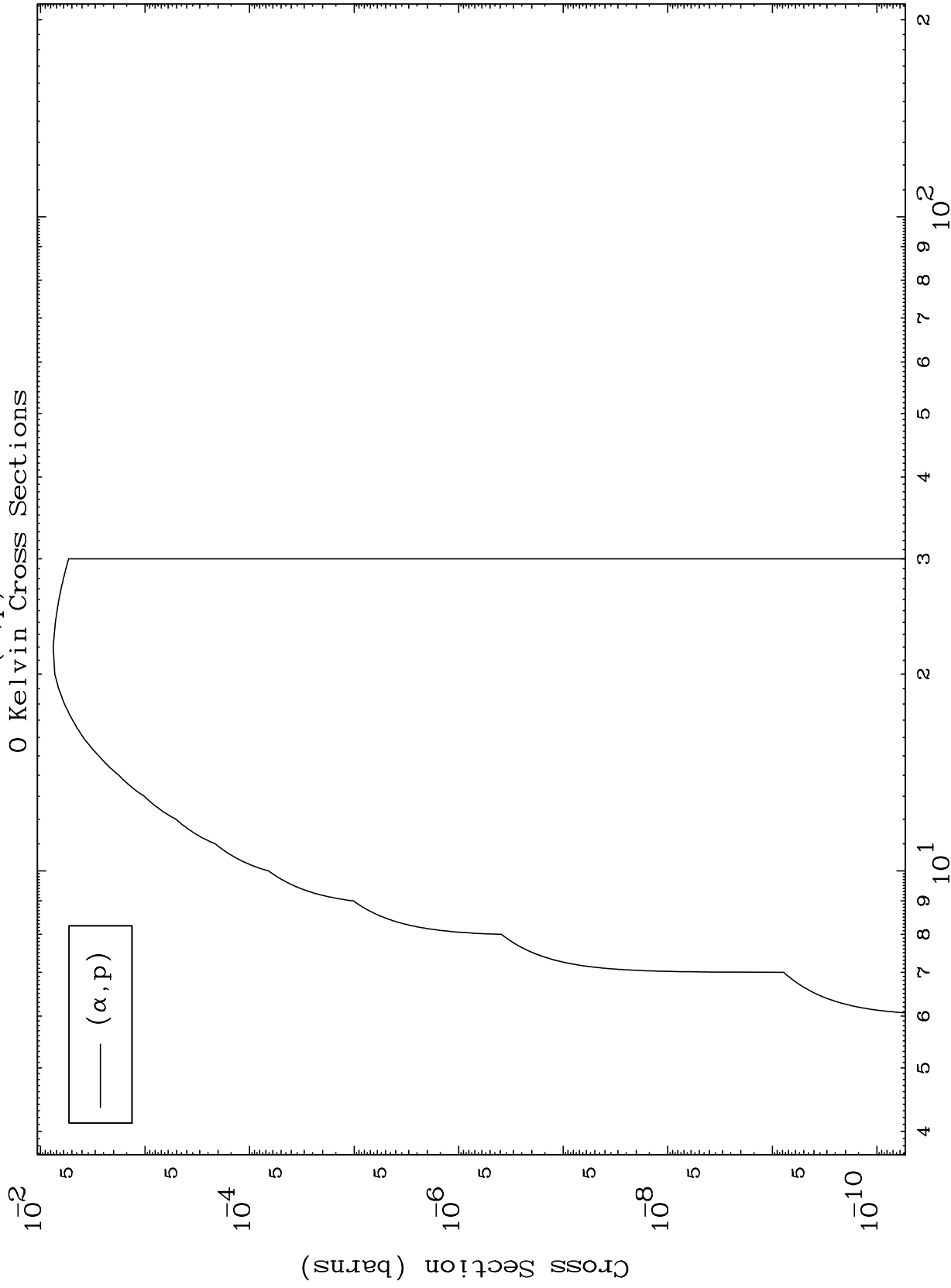
Incident Energy (MeV)

32-Ge-77

MAT 3247

(α, p) Levels
0 Kelvin Cross Sections

32-Ge-77



7

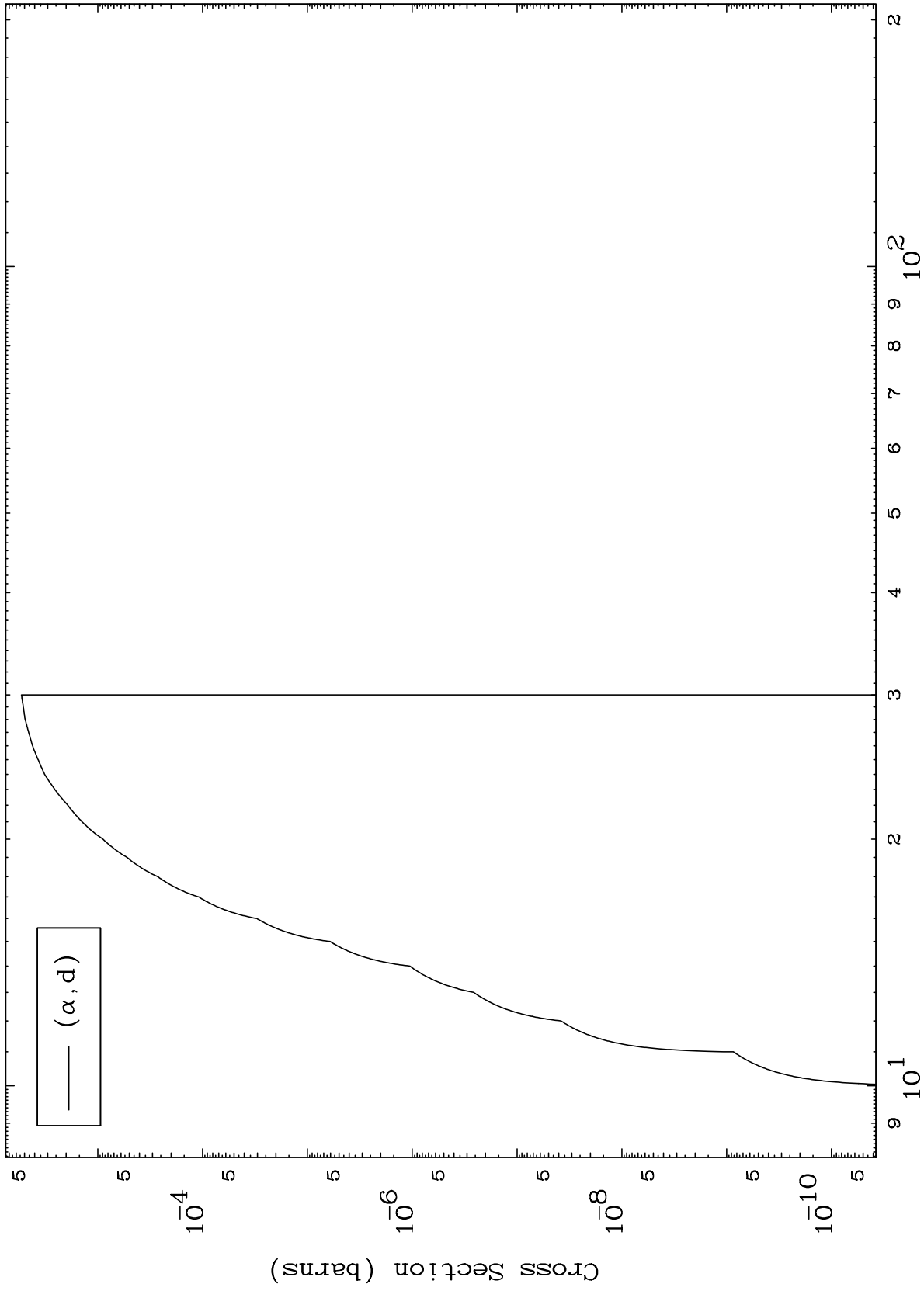
Incident Energy (MeV)

32-Ge-77

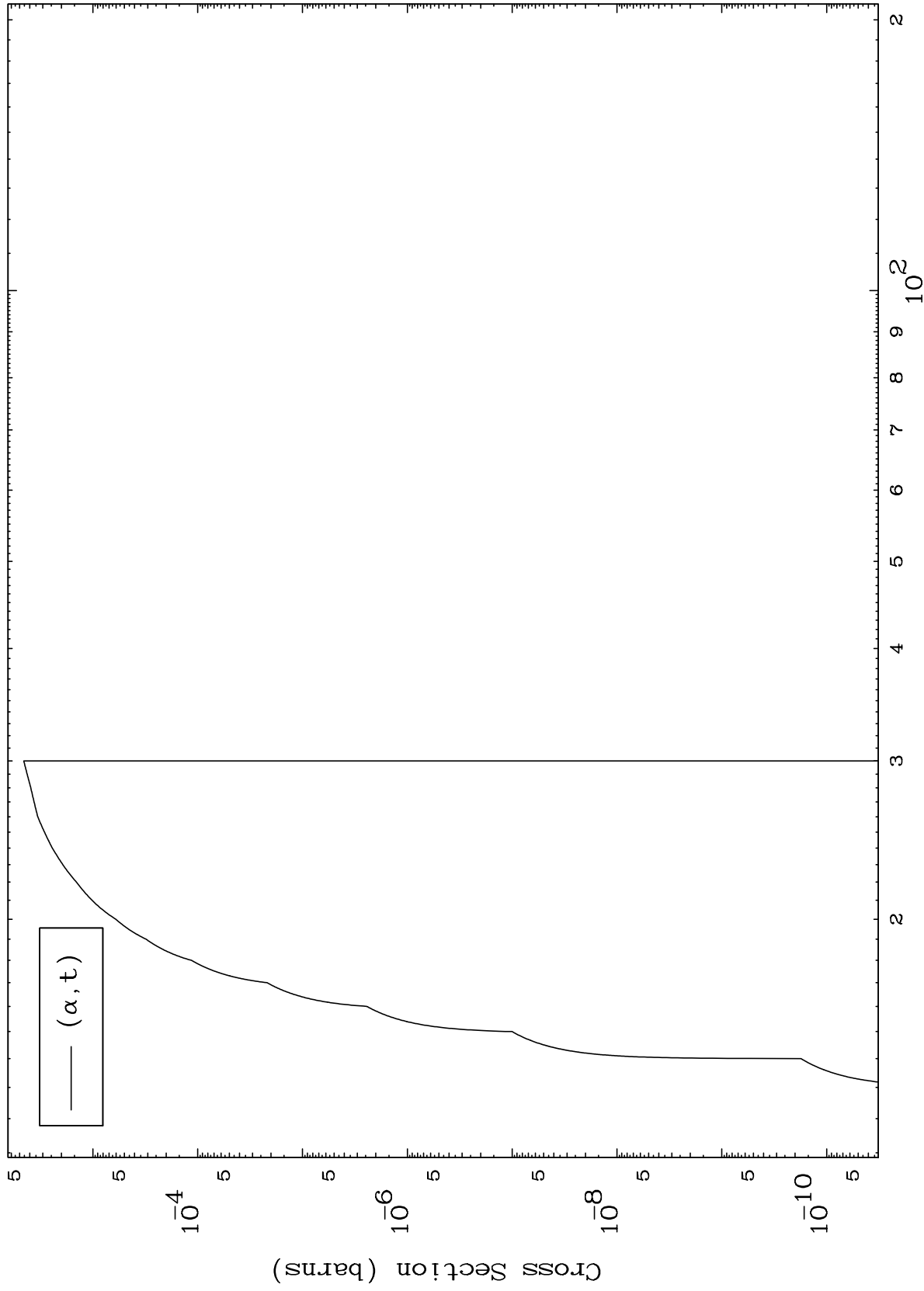
MAT 3247

(α, d) Levels
0 Kelvin Cross Sections

32-Ge-77



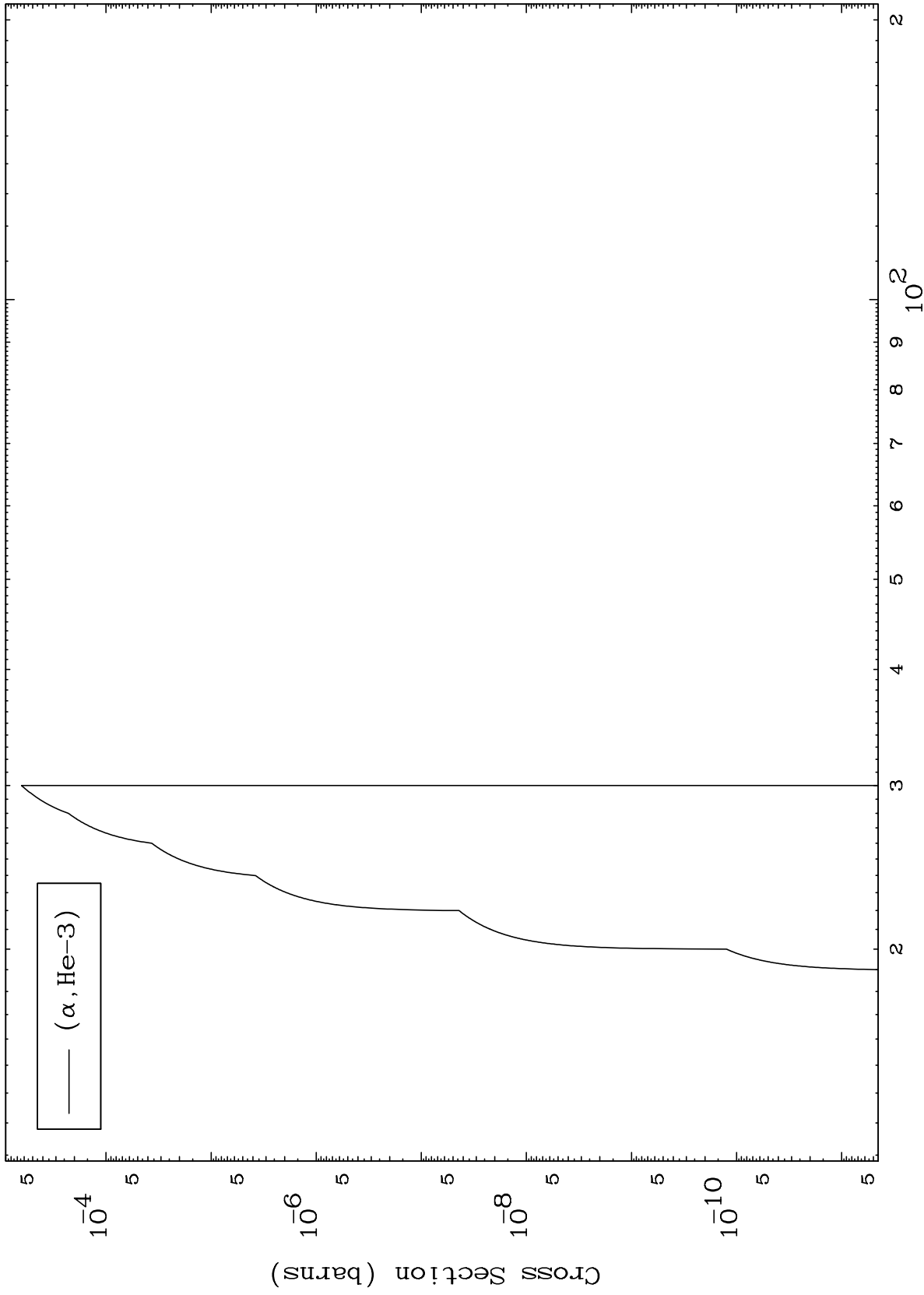
8



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(α , He3) Levels
0 Kelvin Cross Sections

32-Ge-77



10

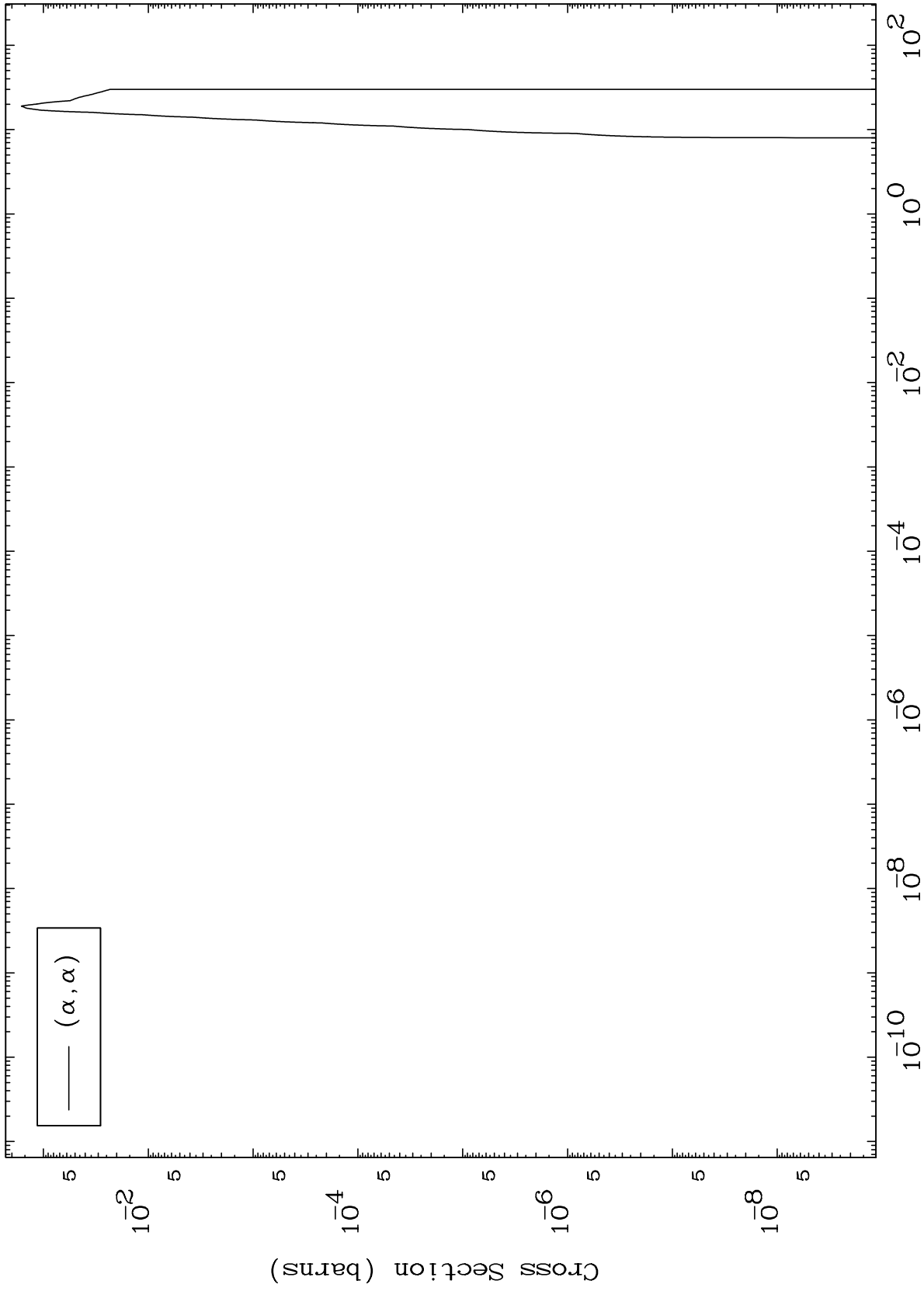
Incident Energy (MeV)

32-Ge-77

MAT 3247

(α, α) Levels
0 Kelvin Cross Sections

32-Ge-77



11

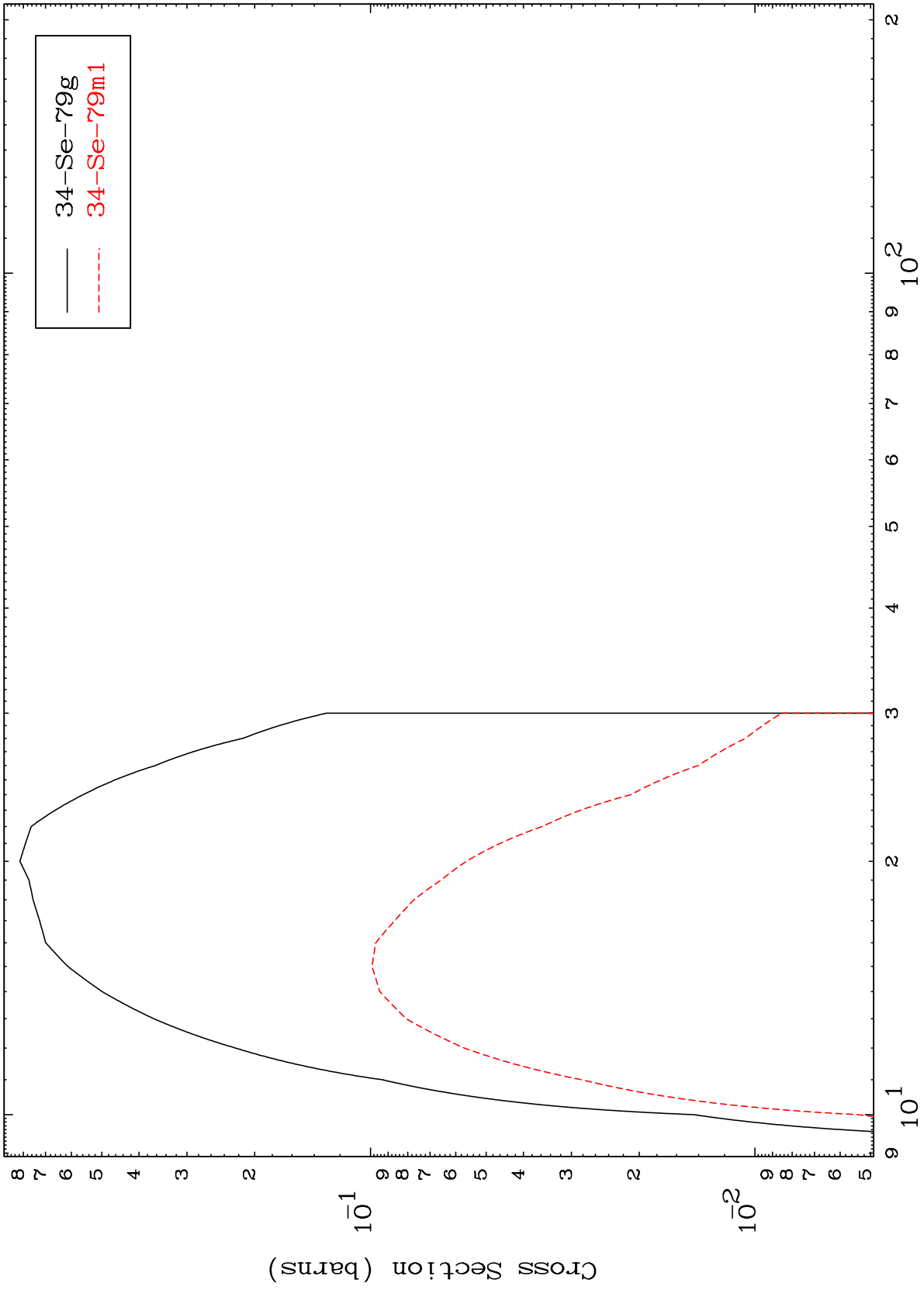
Incident Energy (MeV)

32-Ge-77

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32-Ge-77

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



12

Incident Energy (MeV)

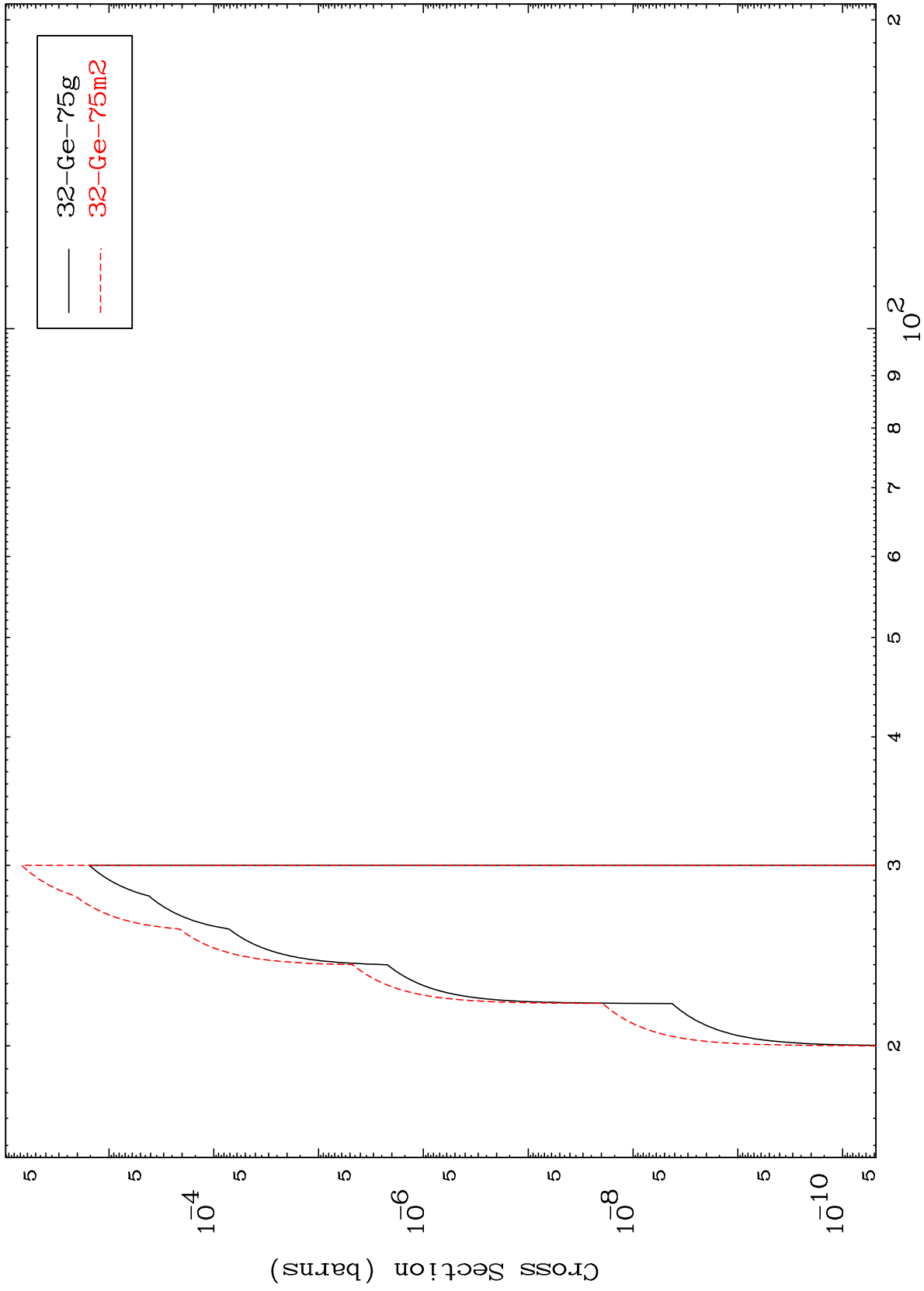
32-Ge-77

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$(\alpha, 2n) \alpha$

$^{32}\text{Ge-77}$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

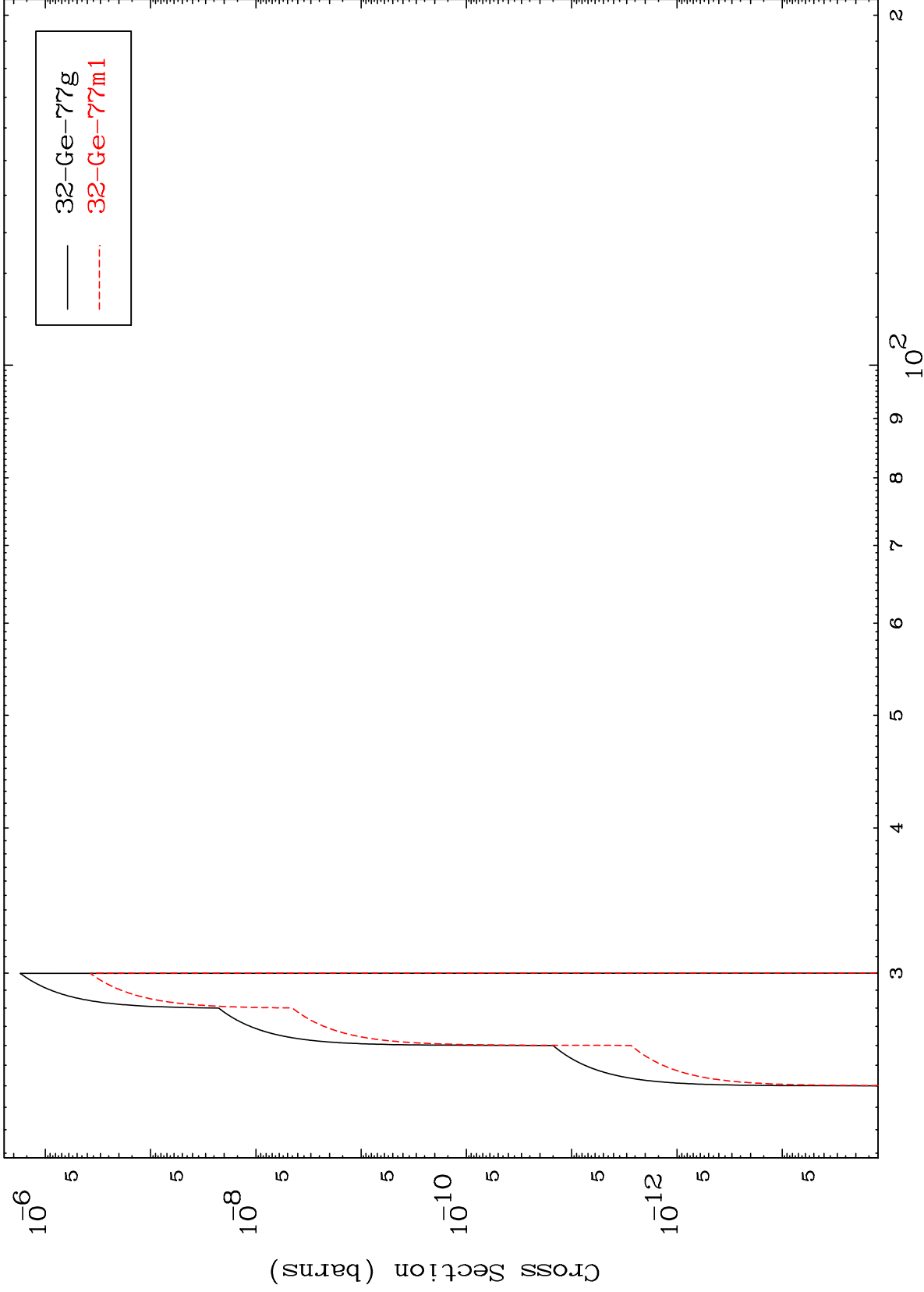
$^{32}\text{Ge-77}$

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(α, n') He-3

³²Ge-77

Radionuclide Production Cross Section



14

Incident Energy (MeV)

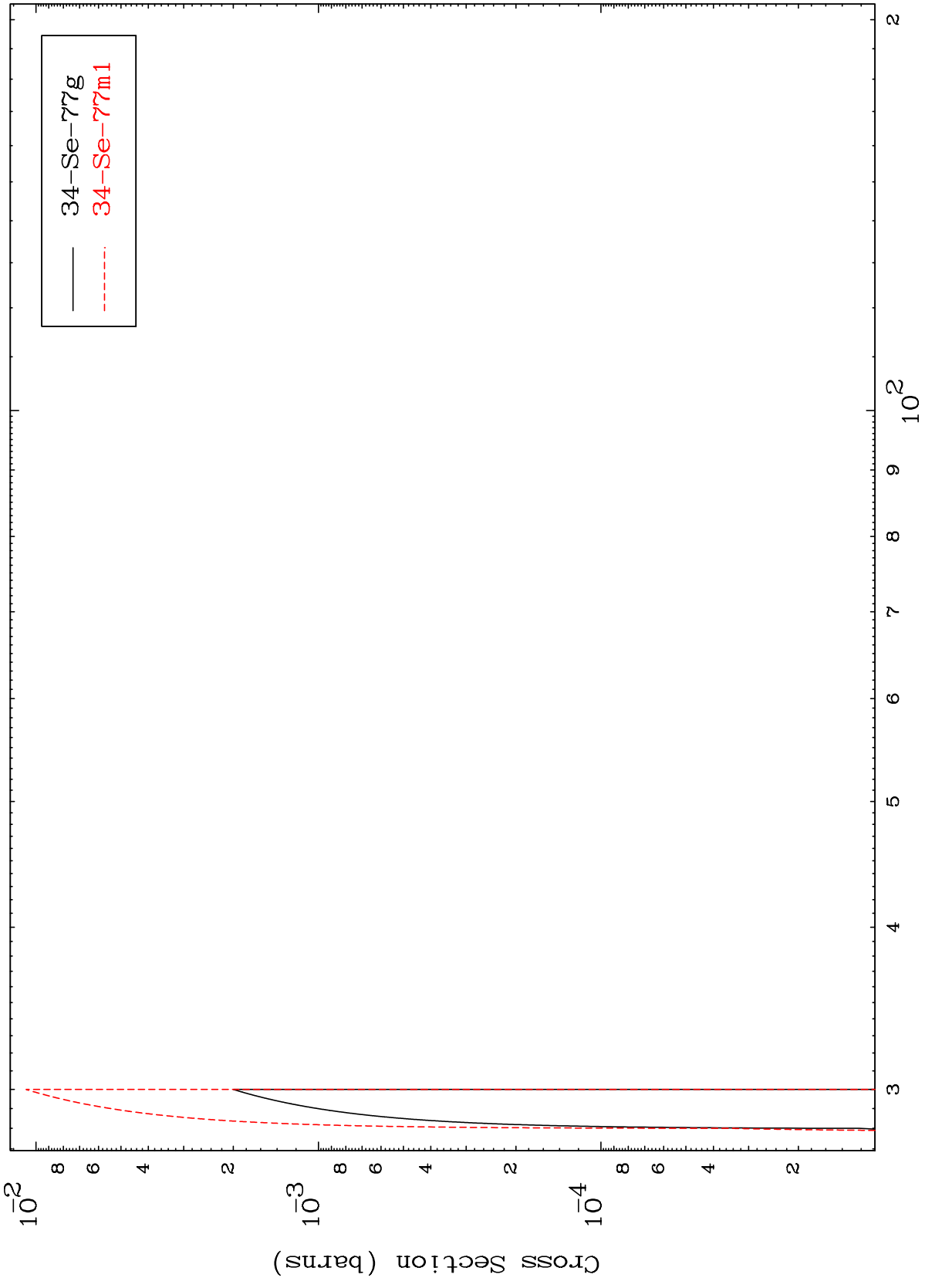
³²Ge-77

MAT 3247

($\alpha, 4n$)

$^{32}\text{Ge-77}$

Radionuclide Production Cross Section



15

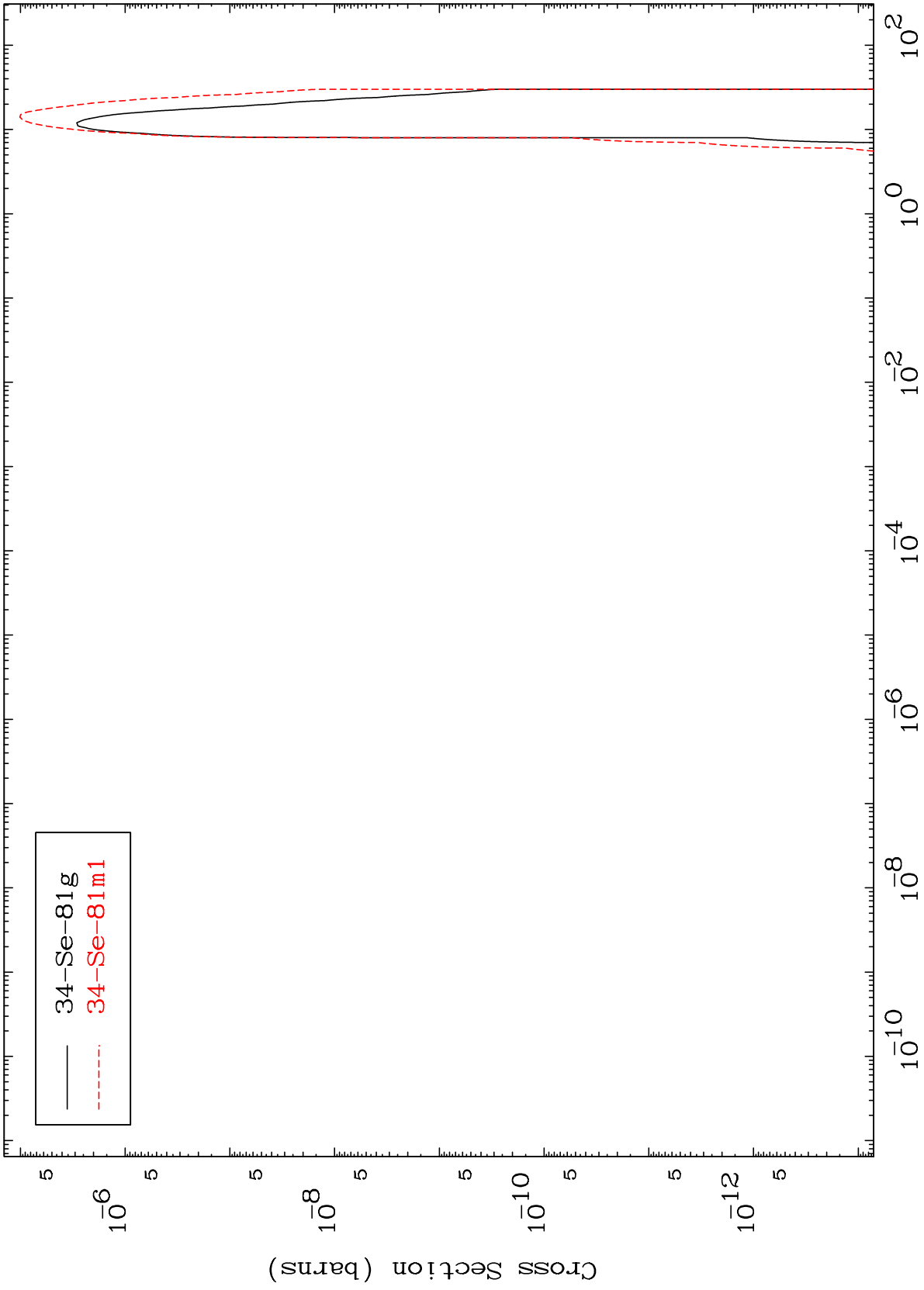
Incident Energy (MeV)

$^{32}\text{Ge-77}$

MAT 3247

(α, γ)
Radionuclide Production Cross Section

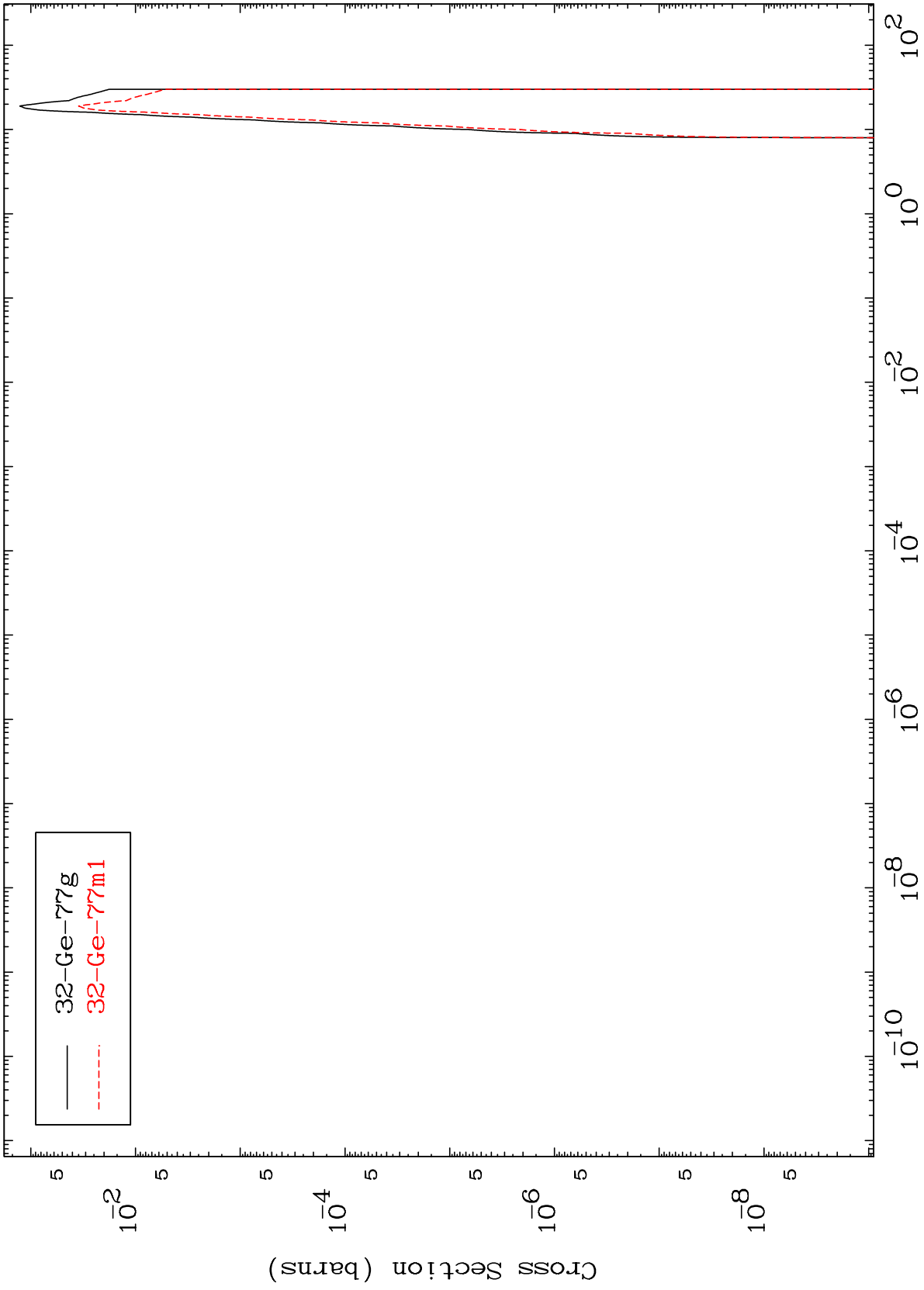
$^{32}\text{Ge-77}$



MAT 3247

(α, α)
Radionuclide Production Cross Section

$^{32}\text{Ge-77}$



17

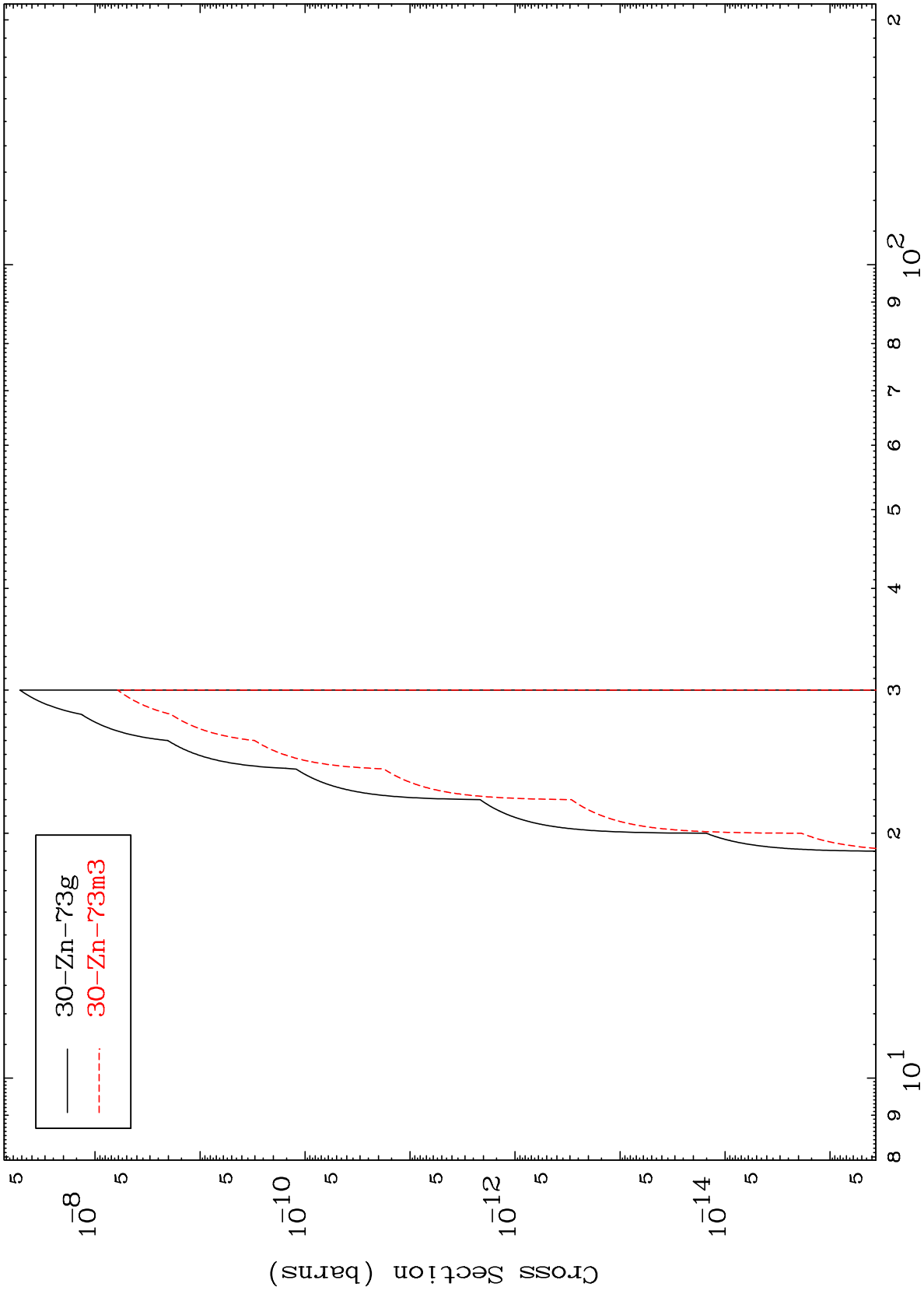
Incident Energy (MeV)

$^{32}\text{Ge-77}$

MAT 3247

32-Ge-77

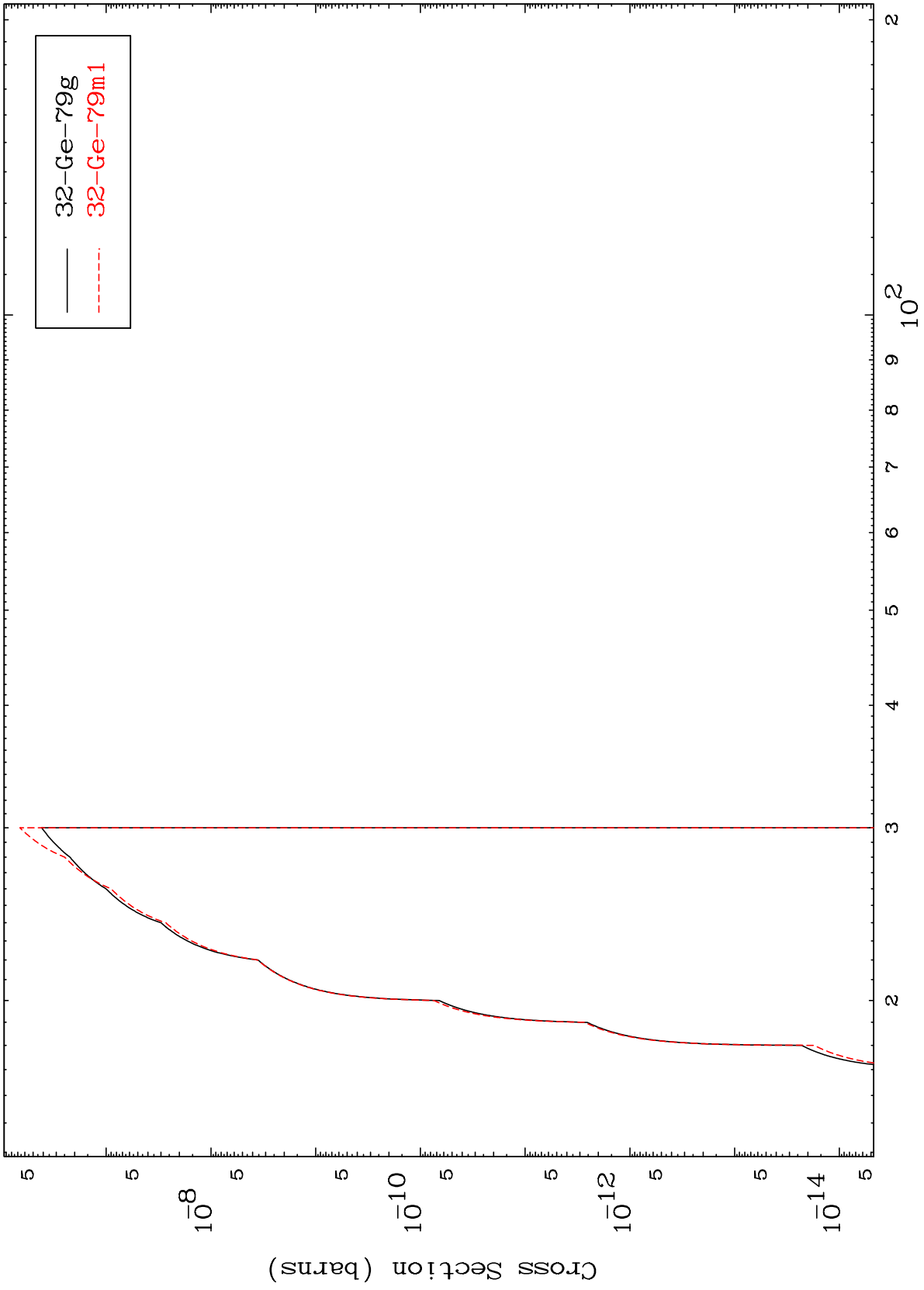
($\alpha, 2\alpha$)
Radionuclide Production Cross Section



MAT 3247

³²Ge-77

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



19

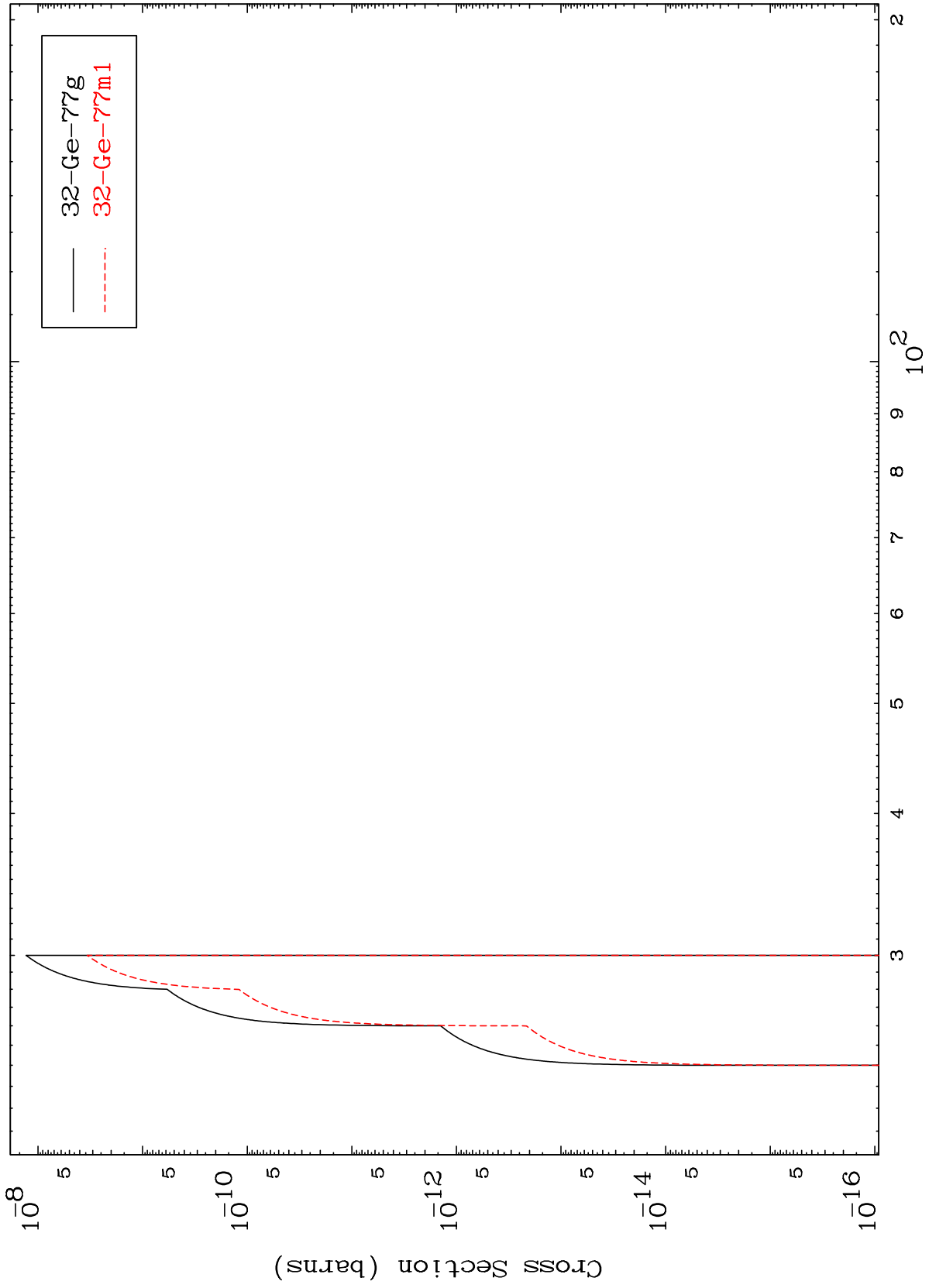
³²Ge-77

MAT 3247

(α, p) t

$^{32}\text{Ge-}^{77}$

Radionuclide Production Cross Section



20

Incident Energy (MeV)

$^{32}\text{Ge-}^{77}$