

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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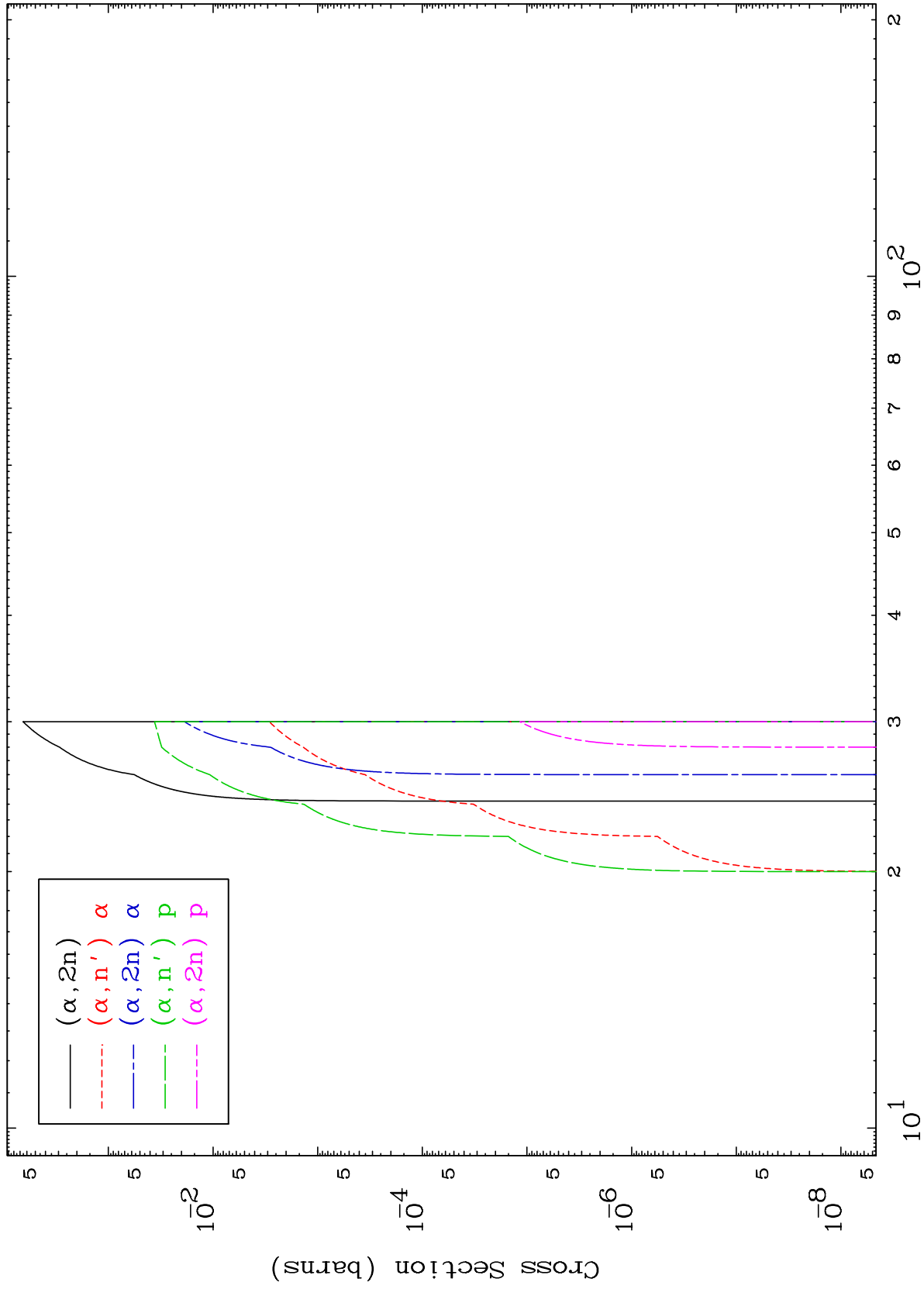
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

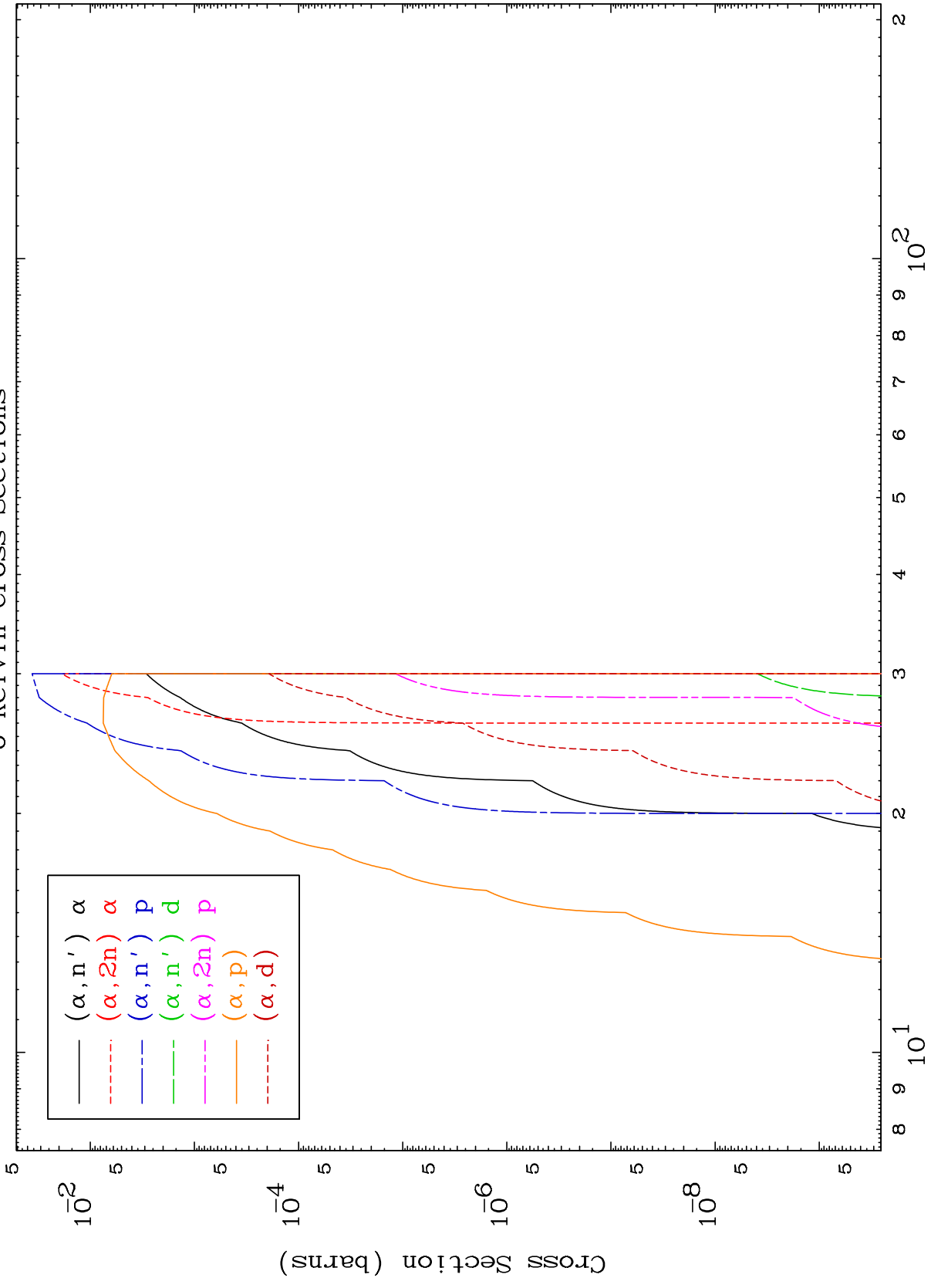
MAT 8295

α Neutron Production
0 Kelvin Cross Sections

83-Bi-199



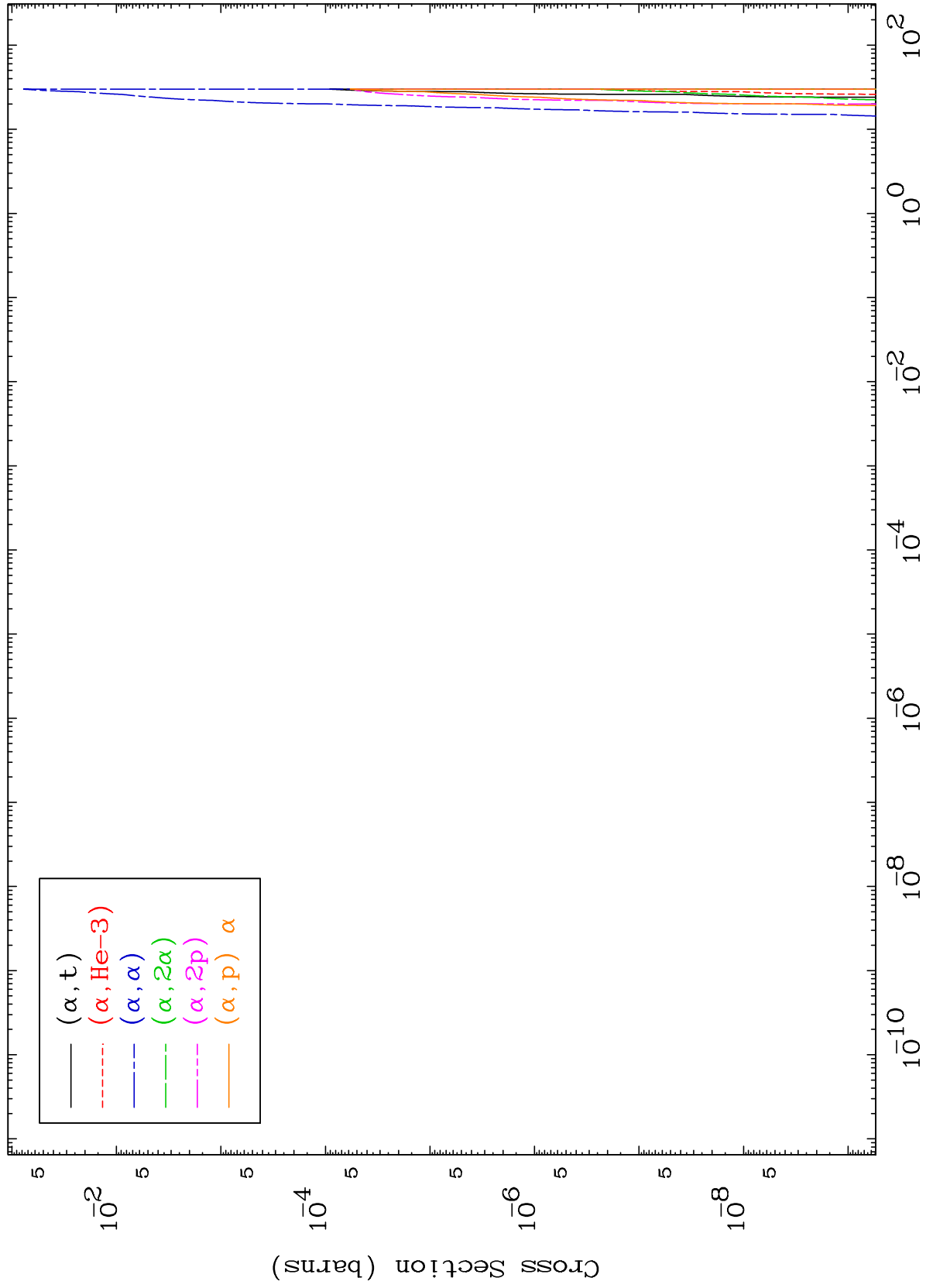
83-Bi-199



MAT 8295

α Charged Particle
0 Kelvin Cross Sections

83-Bi-199

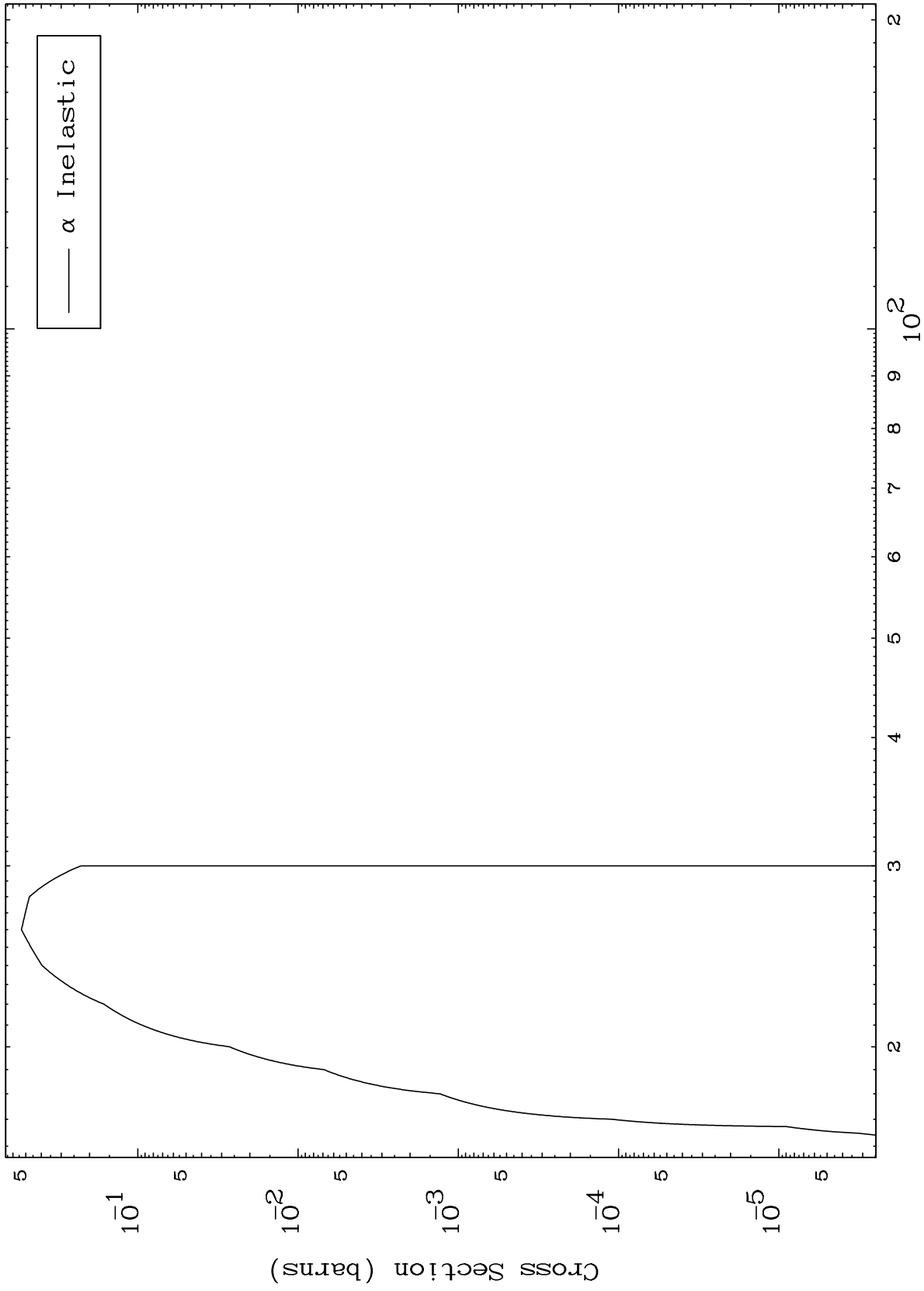


83-Bi-199

MAT 8295

(α, n') Level
0 Kelvin Cross Sections

83-Bi-199



5

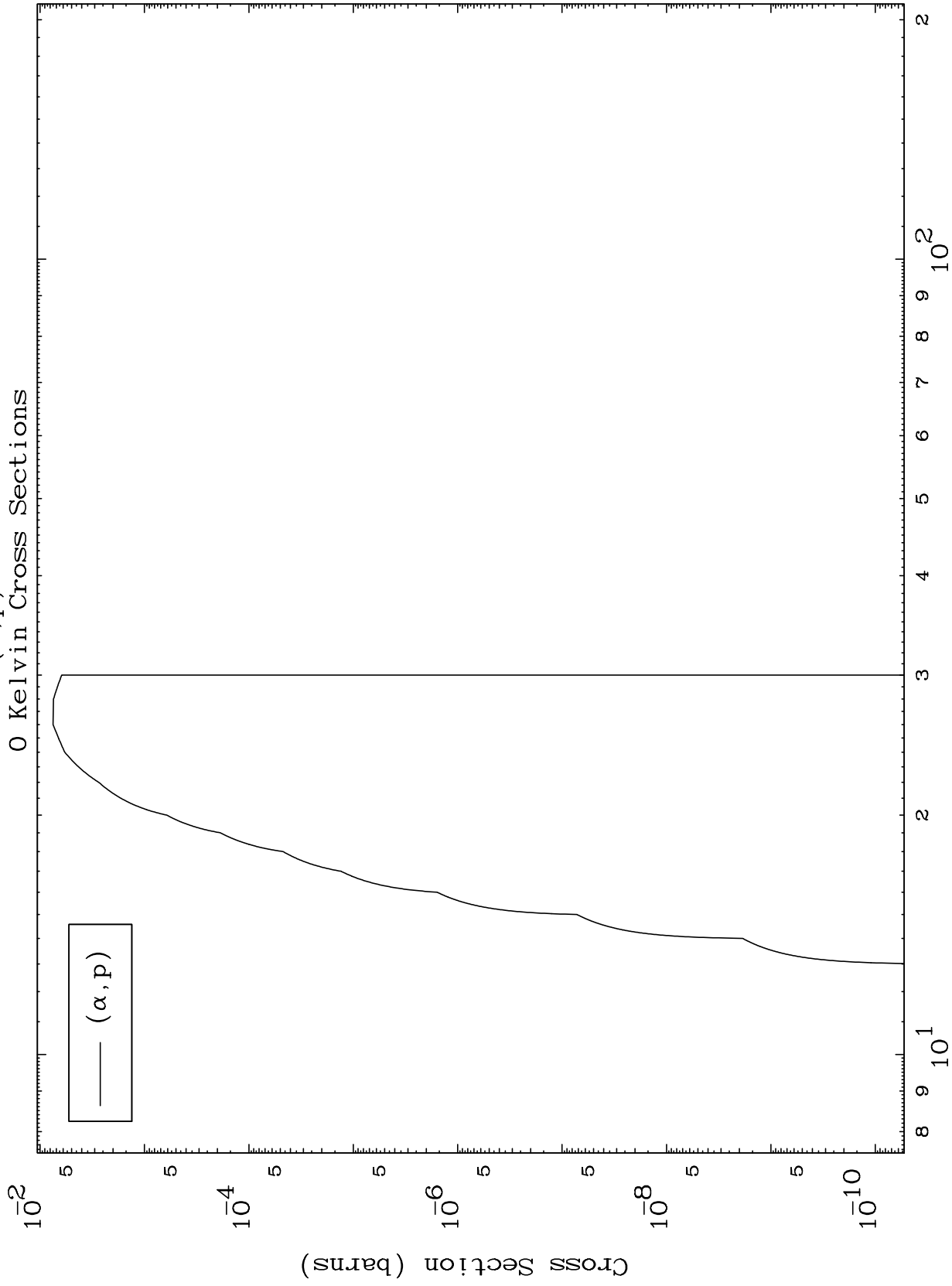
Incident Energy (MeV)

83-Bi-199

MAT 8295

(α, p) Levels
0 Kelvin Cross Sections

83-Bi-199



6

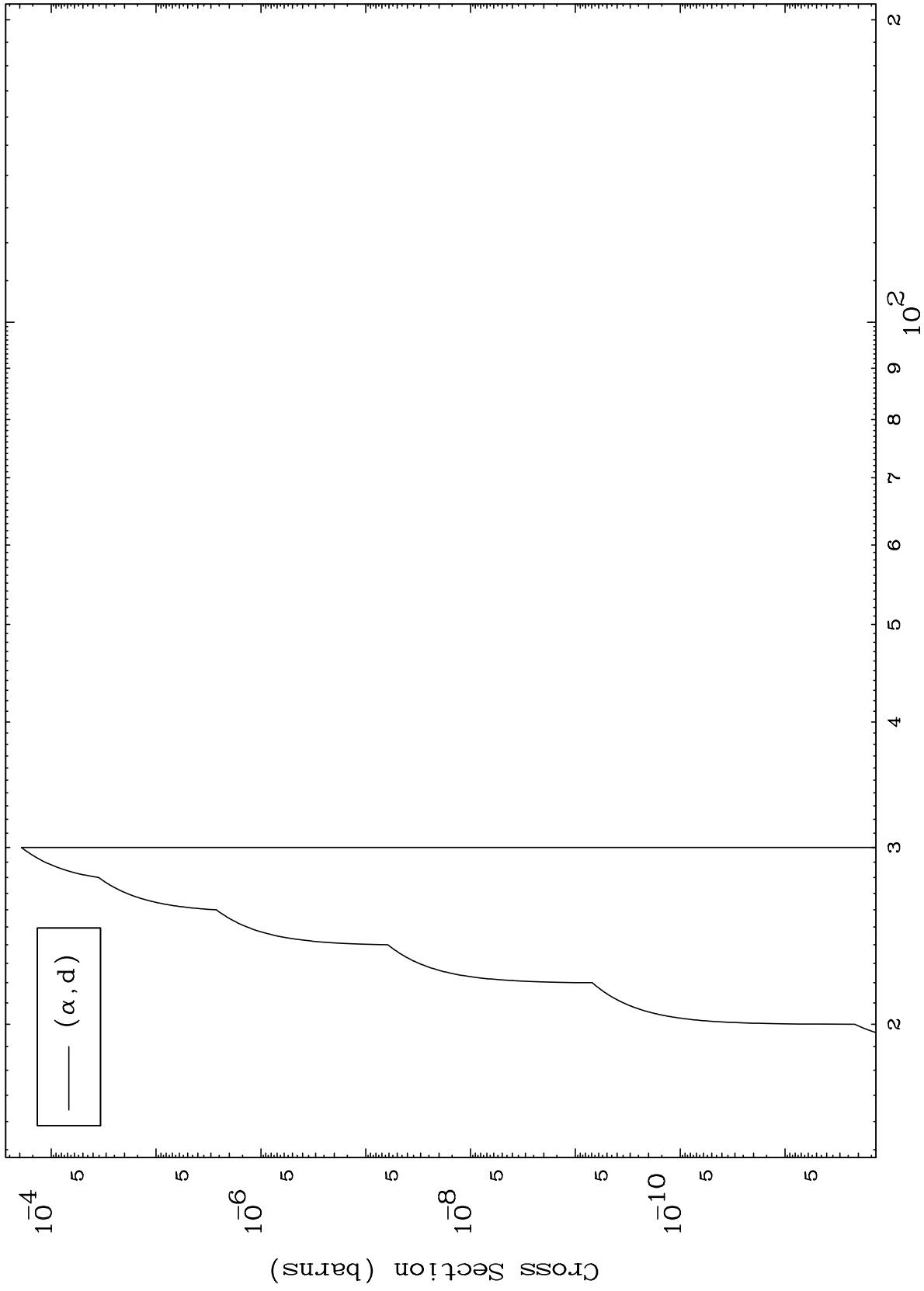
Incident Energy (MeV)

83-Bi-199

MAT 8295

(α, d) Levels
0 Kelvin Cross Sections

83-Bi-199



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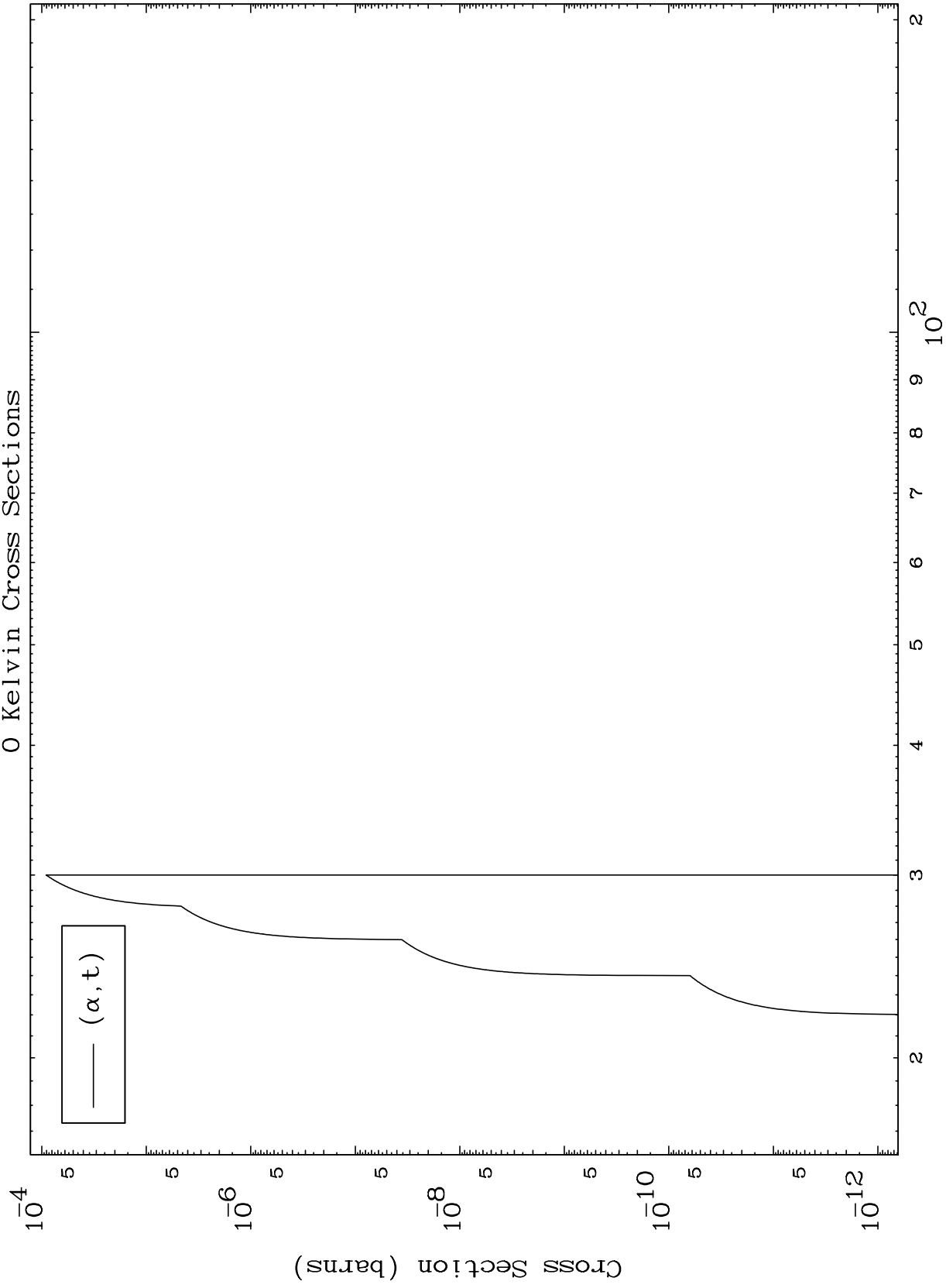
Incident Energy (MeV)

83-Bi-199

MAT 8295

(α, t) Levels
0 Kelvin Cross Sections

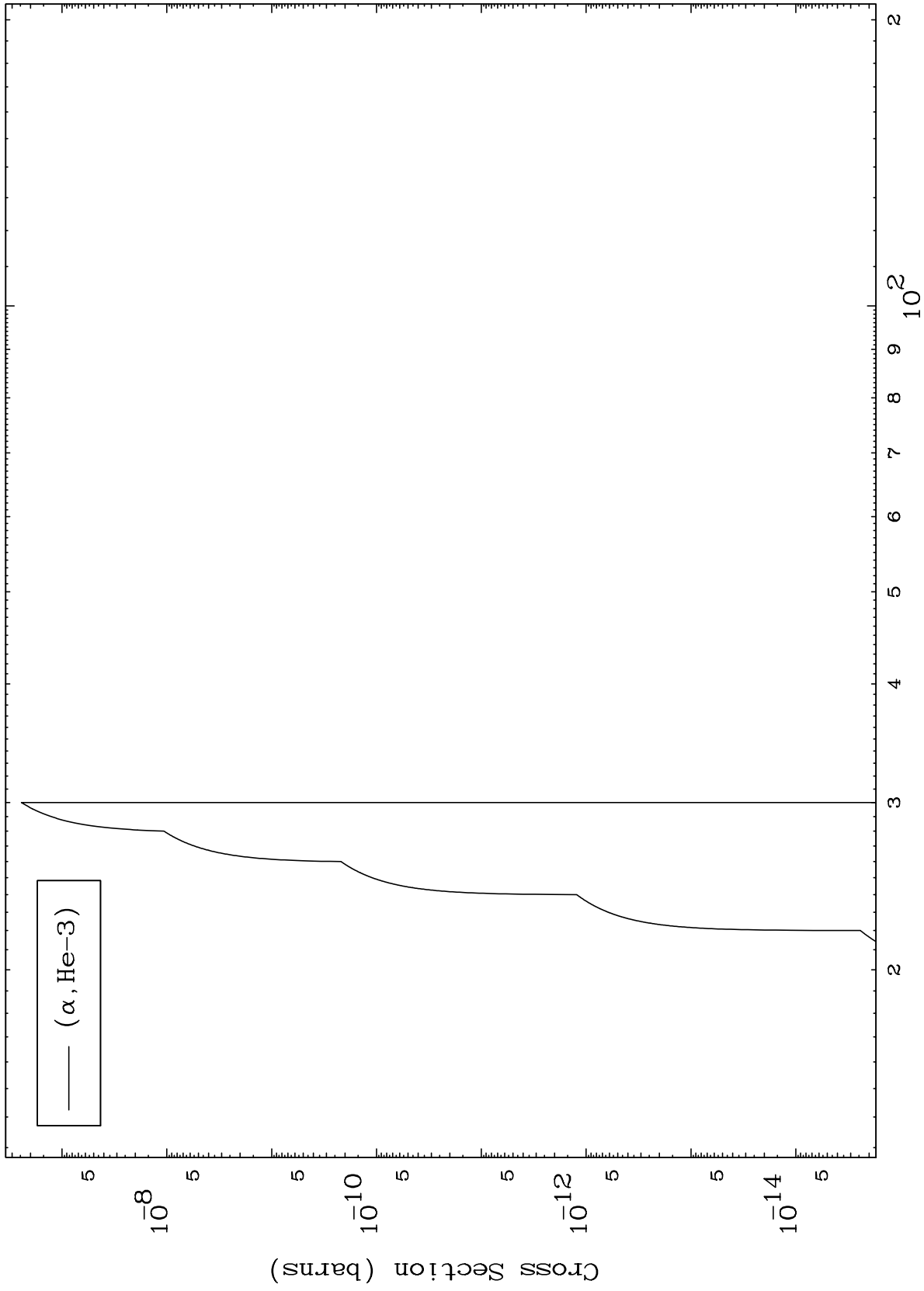
83-Bi-199



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Incident Energy (MeV)

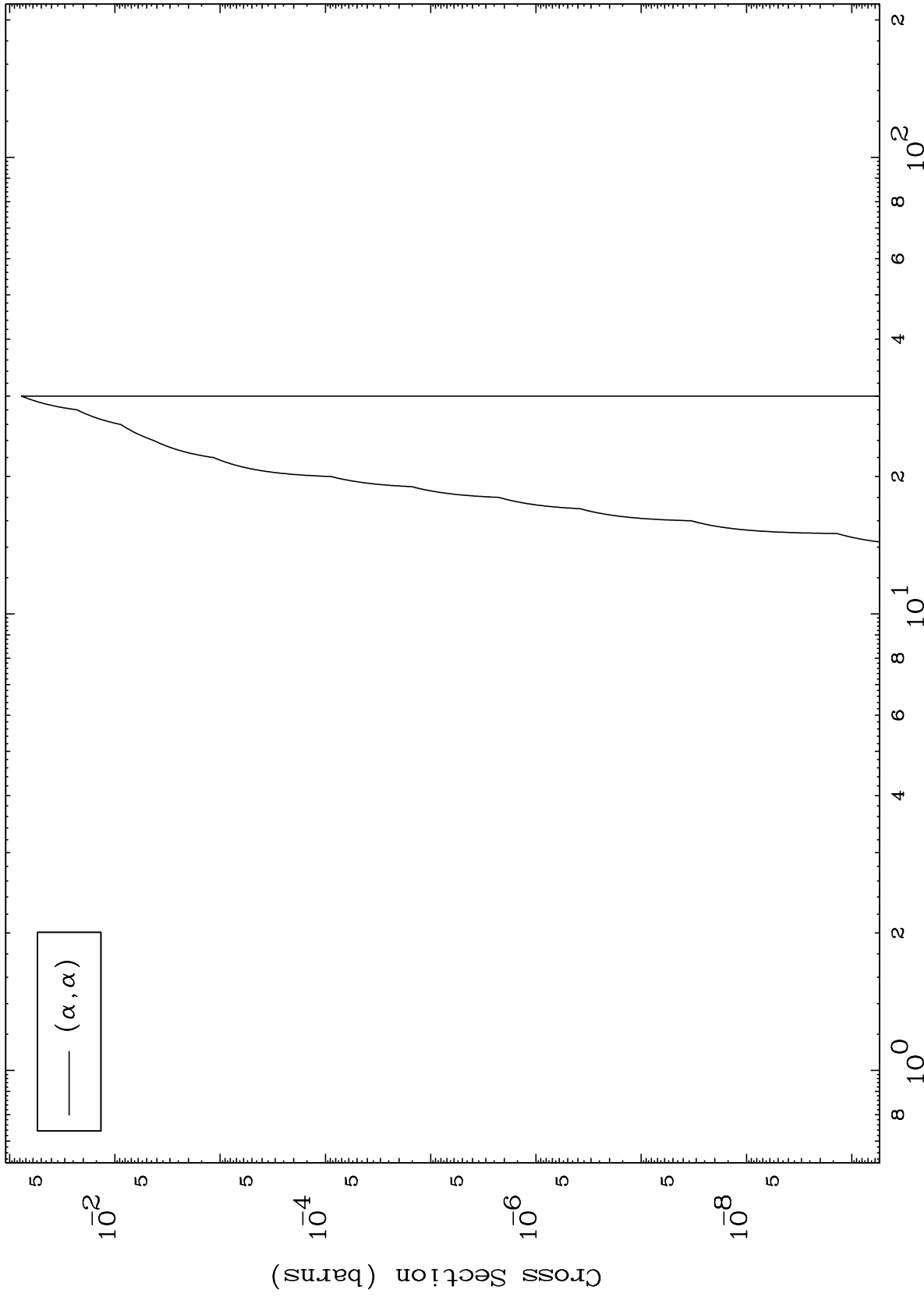
83-Bi-199



MAT 8295

(α, α) Levels
0 Kelvin Cross Sections

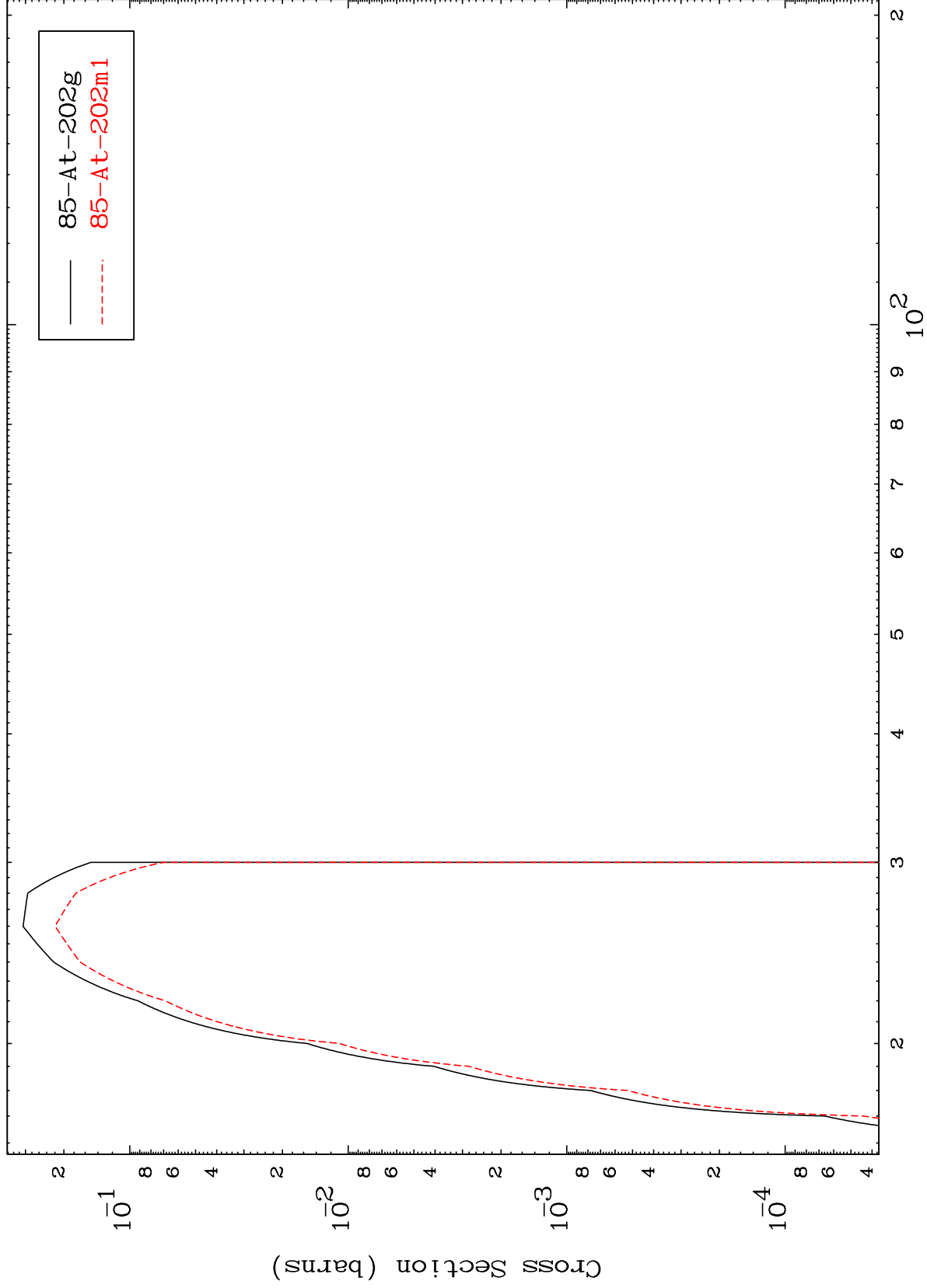
83-Bi-199



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Incident Energy (MeV)

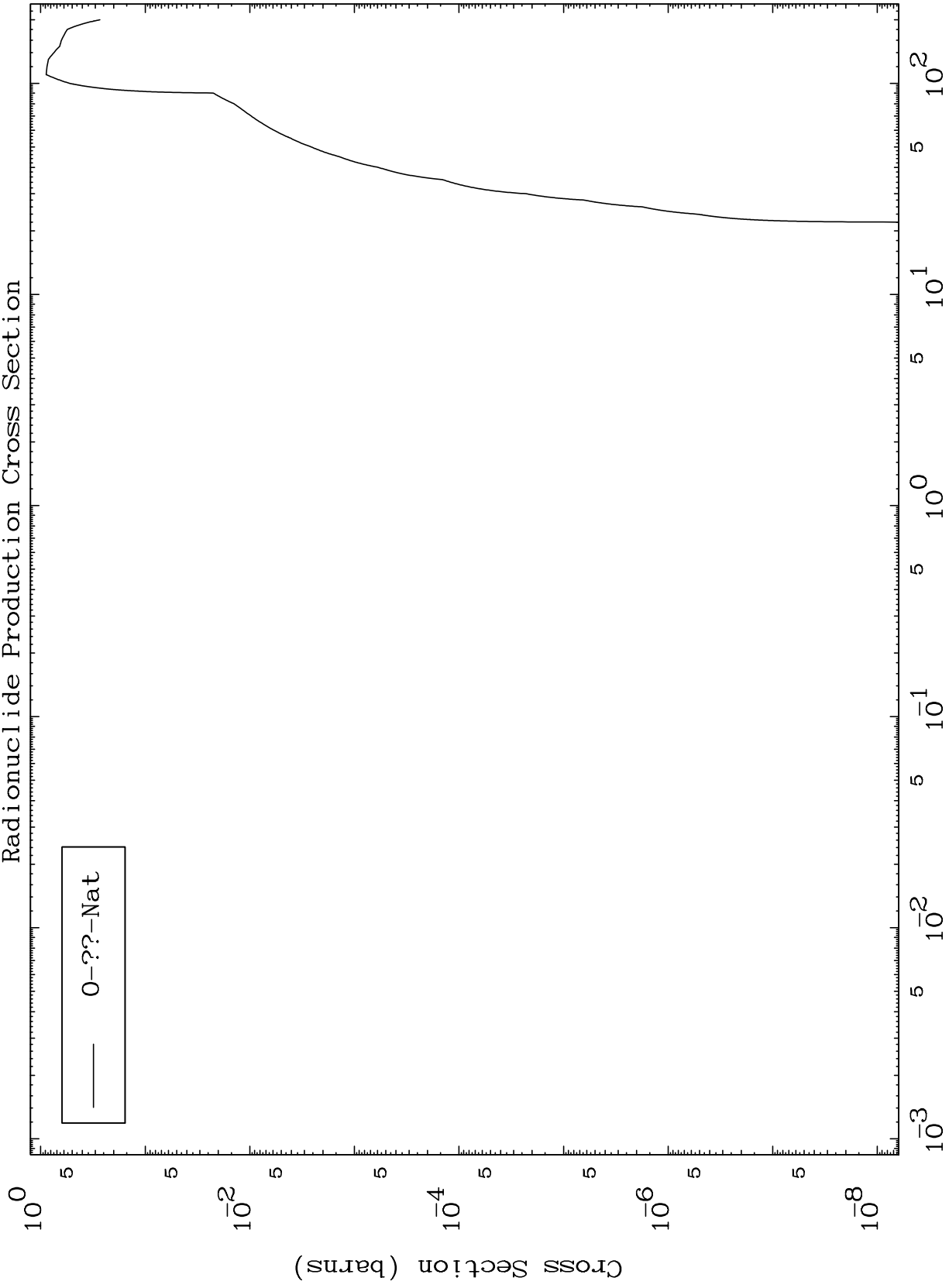
83-Bi-199



MAT 8295

83-Bi-199

α Fission
Radionuclide Production Cross Section



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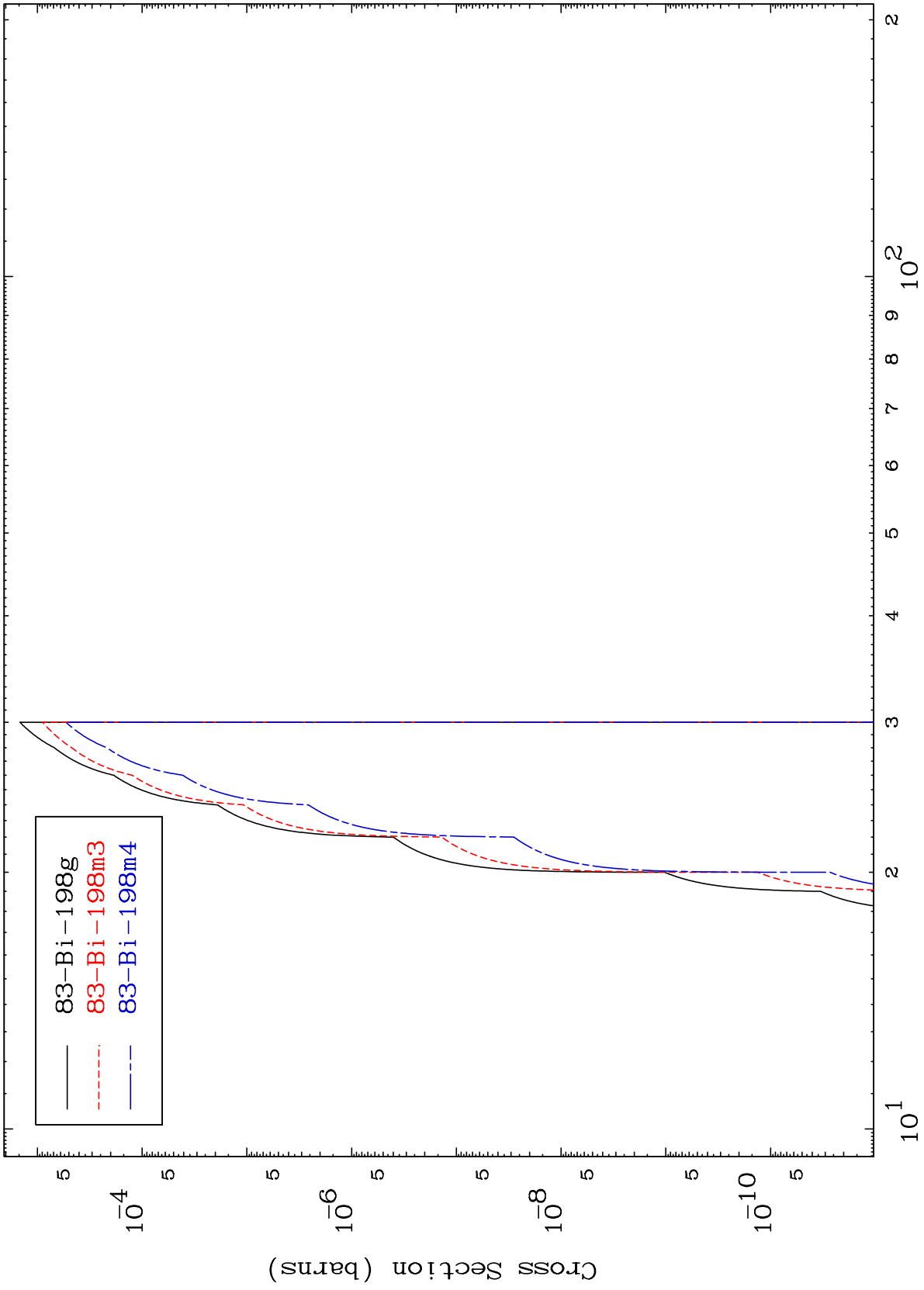
Incident Energy (MeV)

83-Bi-199

MAT 8295

83-Bi-199

(α, n') α
Radionuclide Production Cross Section



83-Bi-199

Incident Energy (MeV)

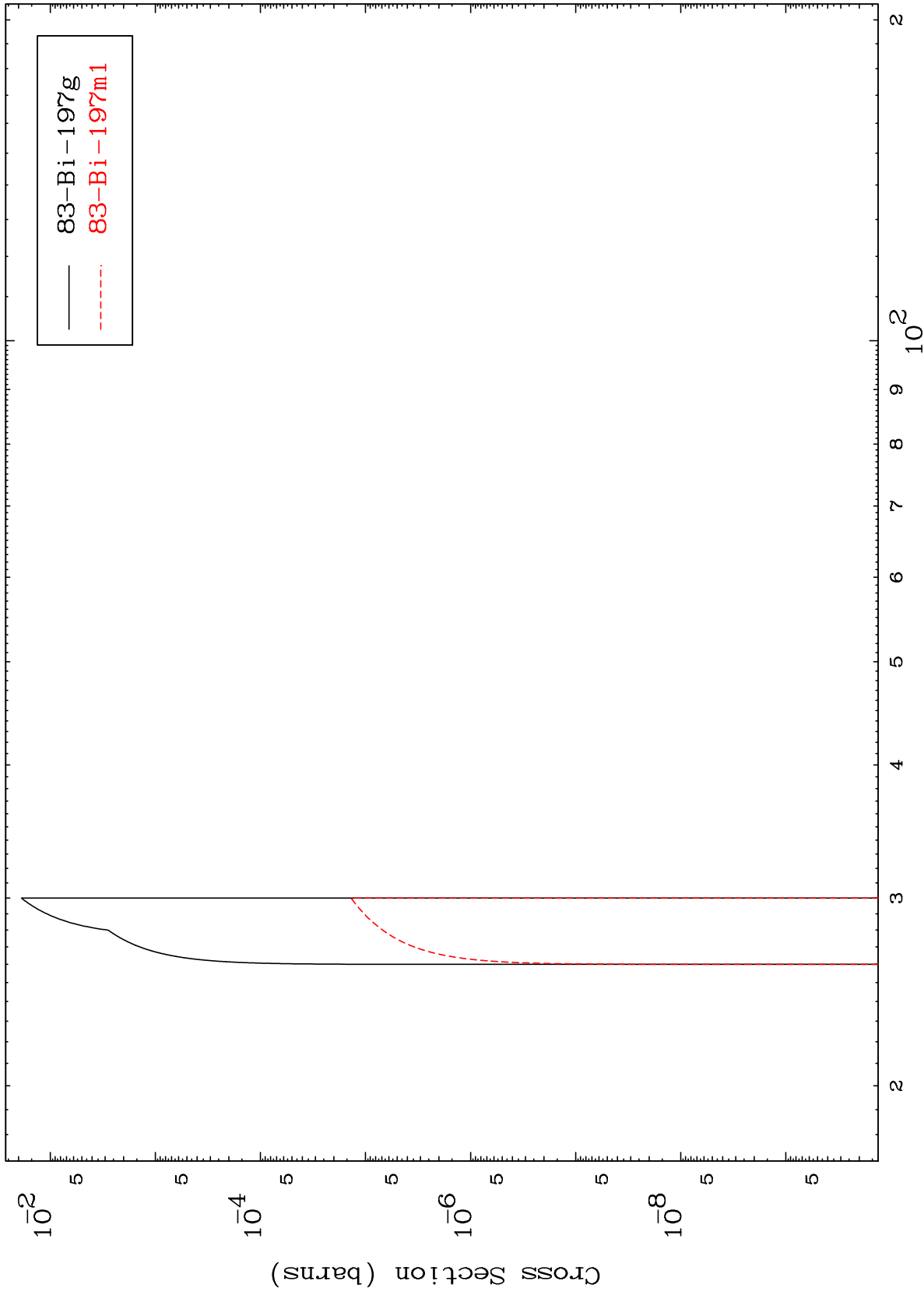
13

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$(\alpha, 2n) \alpha$

$^{83}\text{Bi}-199$

Radionuclide Production Cross Section



14

Incident Energy (MeV)

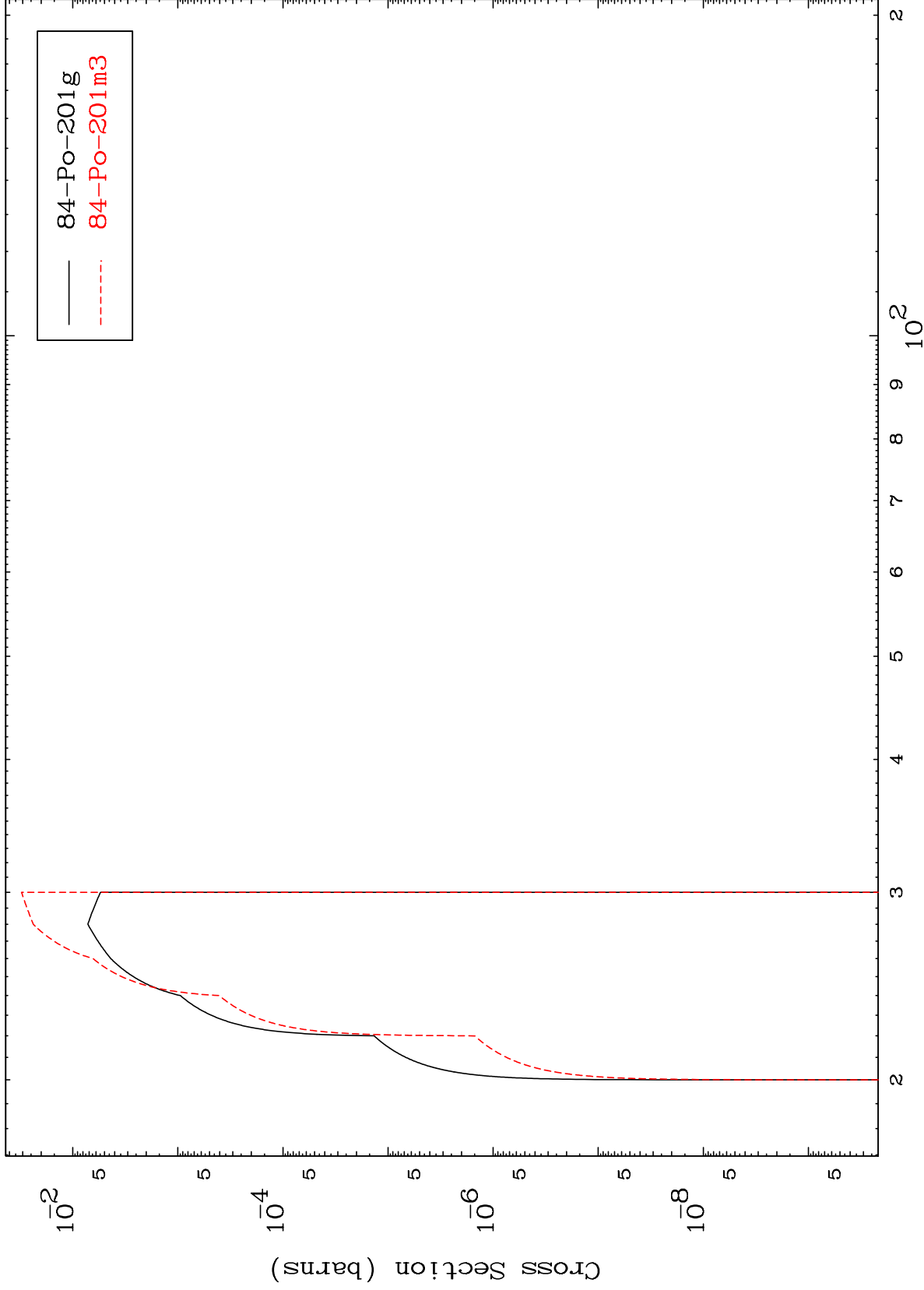
$^{83}\text{Bi}-199$

MAT 8295

(α, n') p

83-Bi-199

Radionuclide Production Cross Section



15

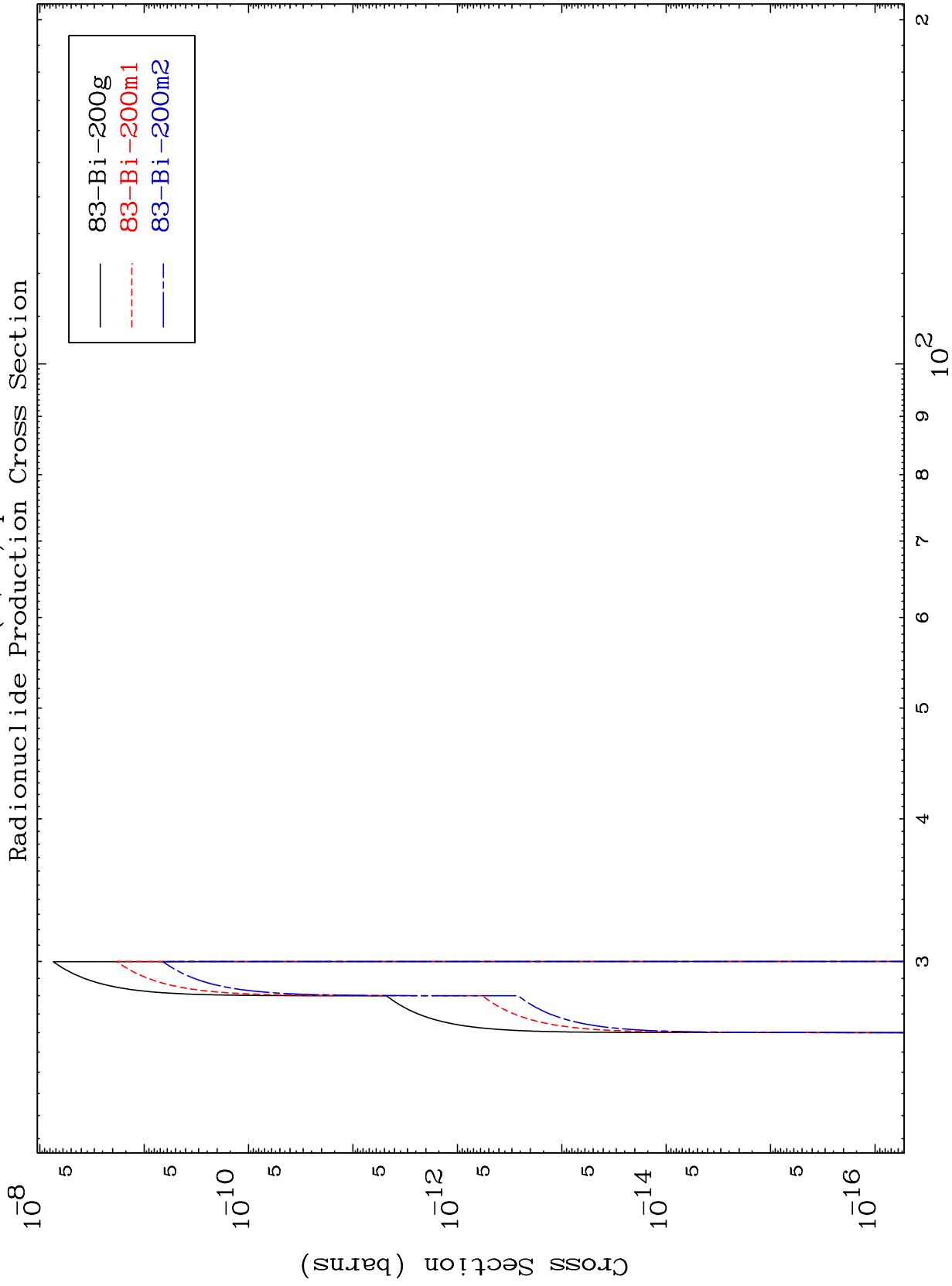
Incident Energy (MeV)

83-Bi-199

MAT 8295

$(\alpha, 2n)$ p

$^{83}\text{Bi}-199$



16

Incident Energy (MeV)

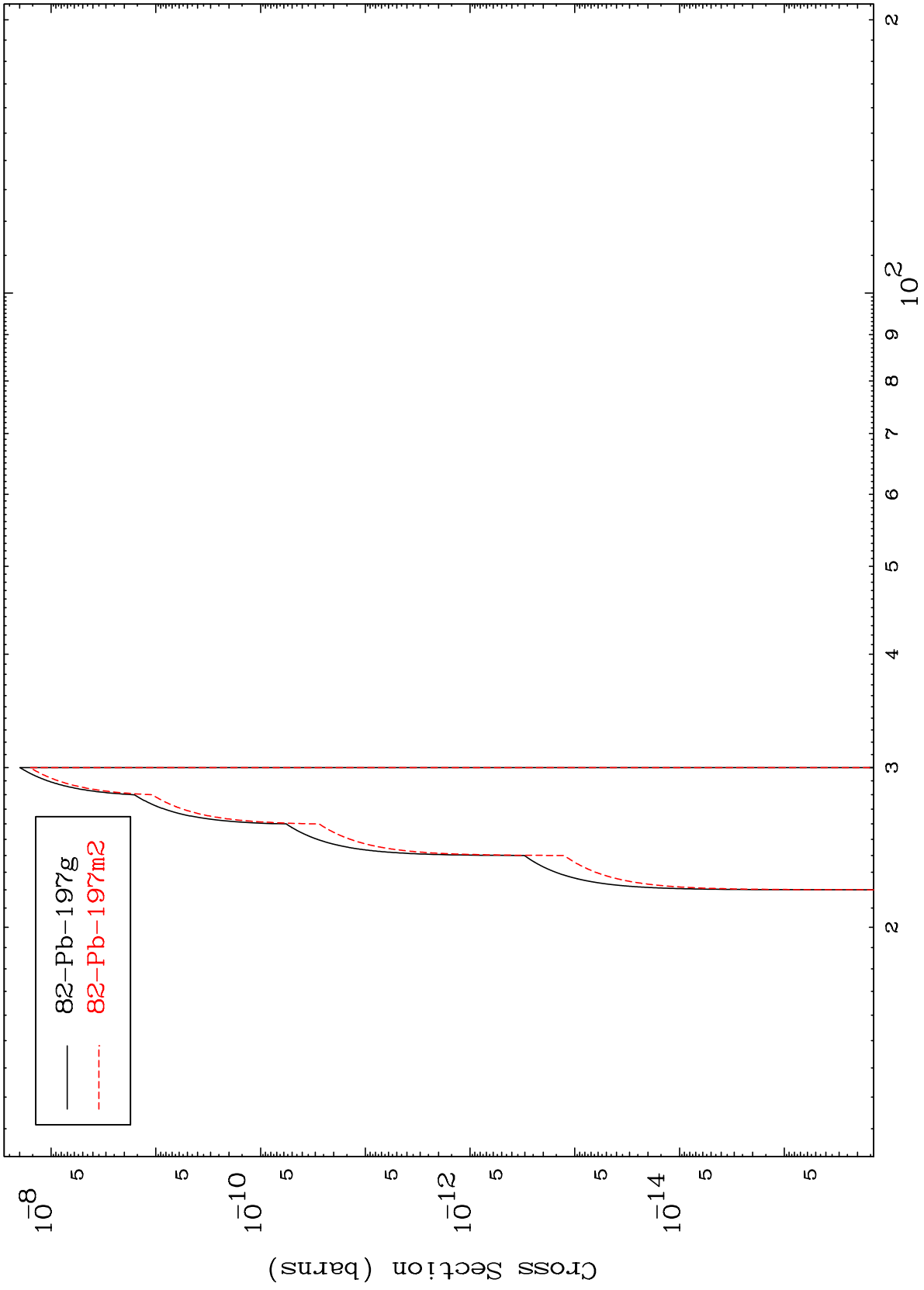
$^{83}\text{Bi}-199$

MAT 8295

(α, n') p α

83-Bi-199

Radionuclide Production Cross Section



17

Incident Energy (MeV)

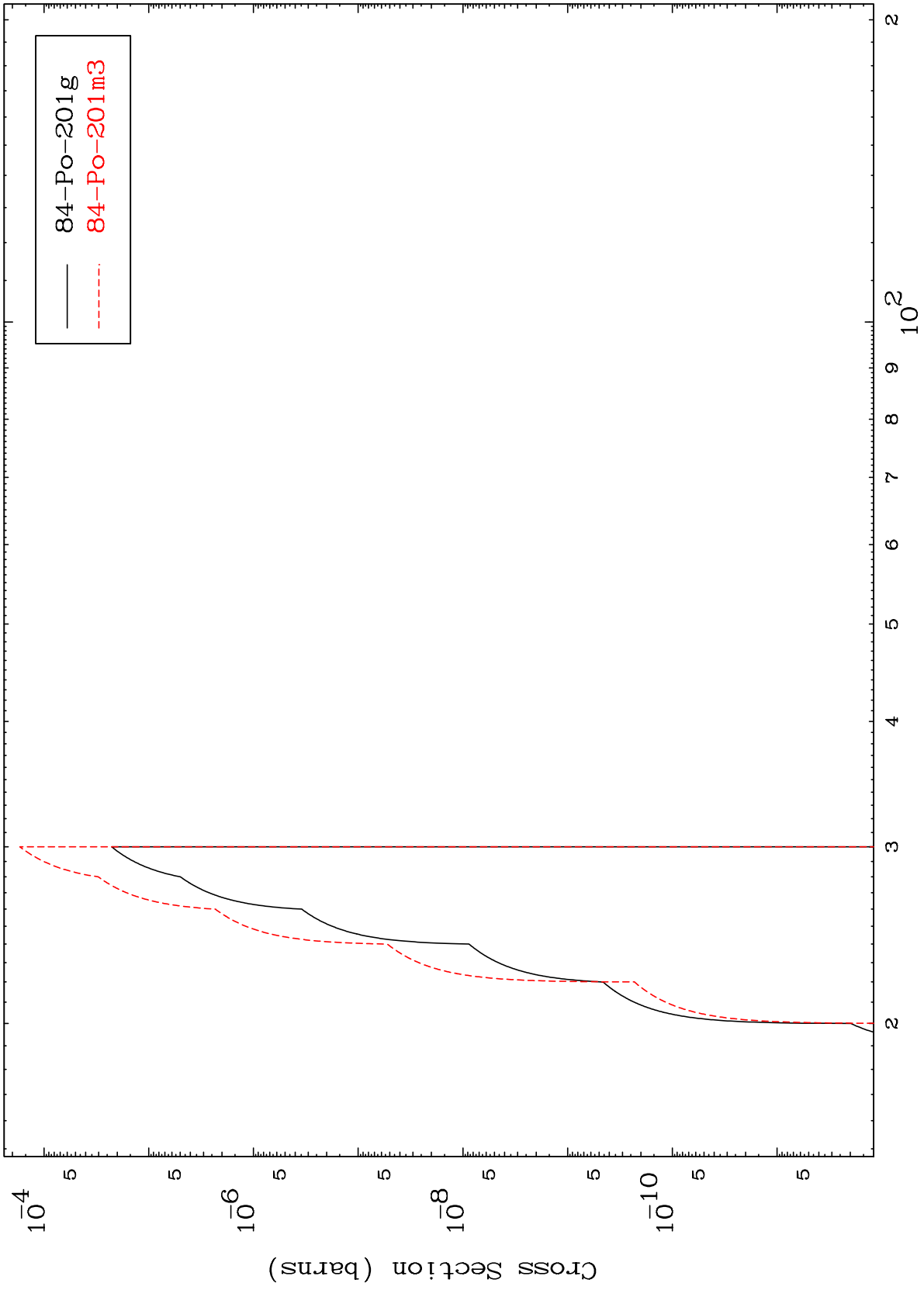
83-Bi-199

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(α, d)

83-Bi-199

Radionuclide Production Cross Section



18

Incident Energy (MeV)

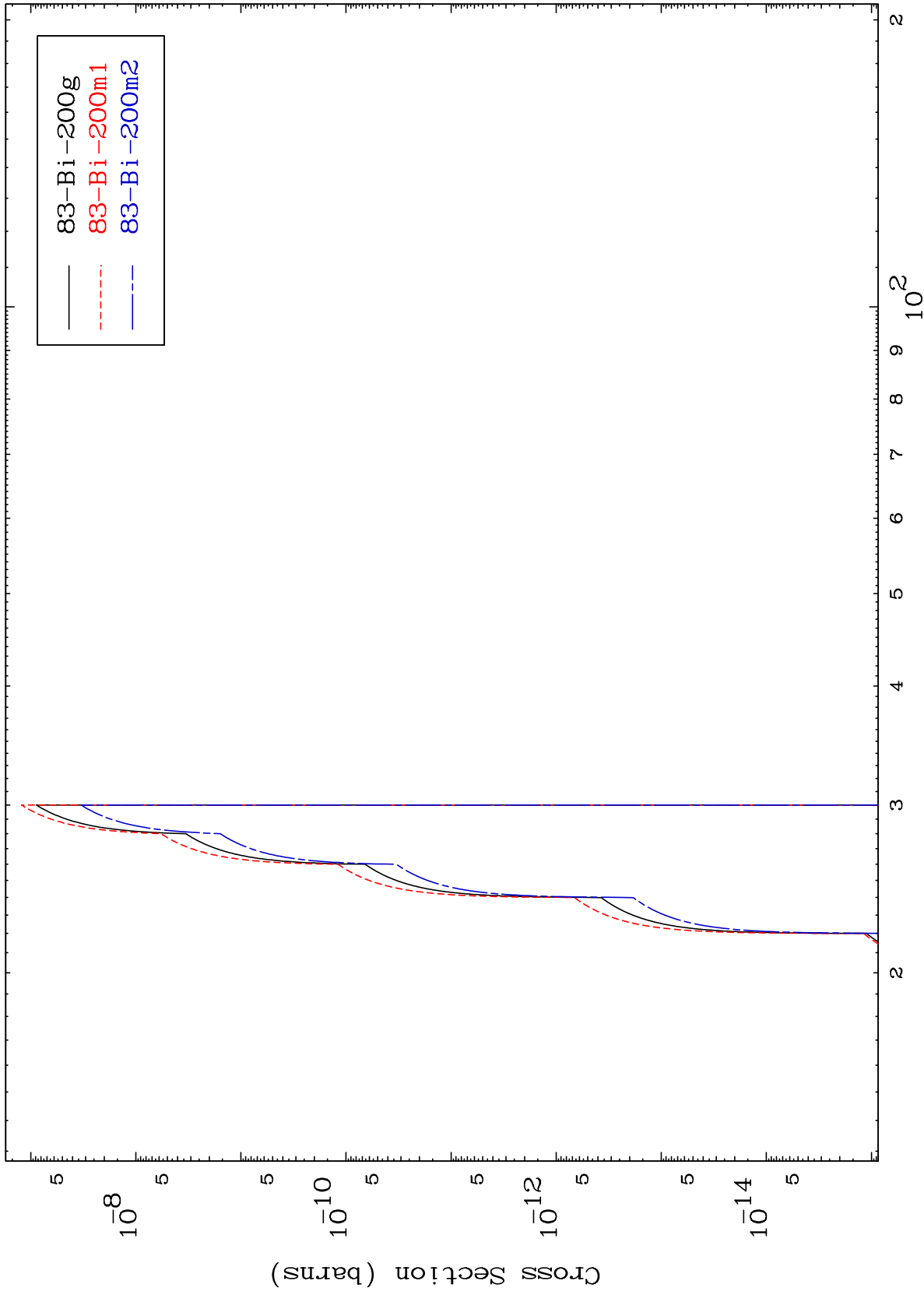
83-Bi-199

MAT 8295

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

$^{83}\text{Bi-199}$

Radionuclide Production Cross Section



19

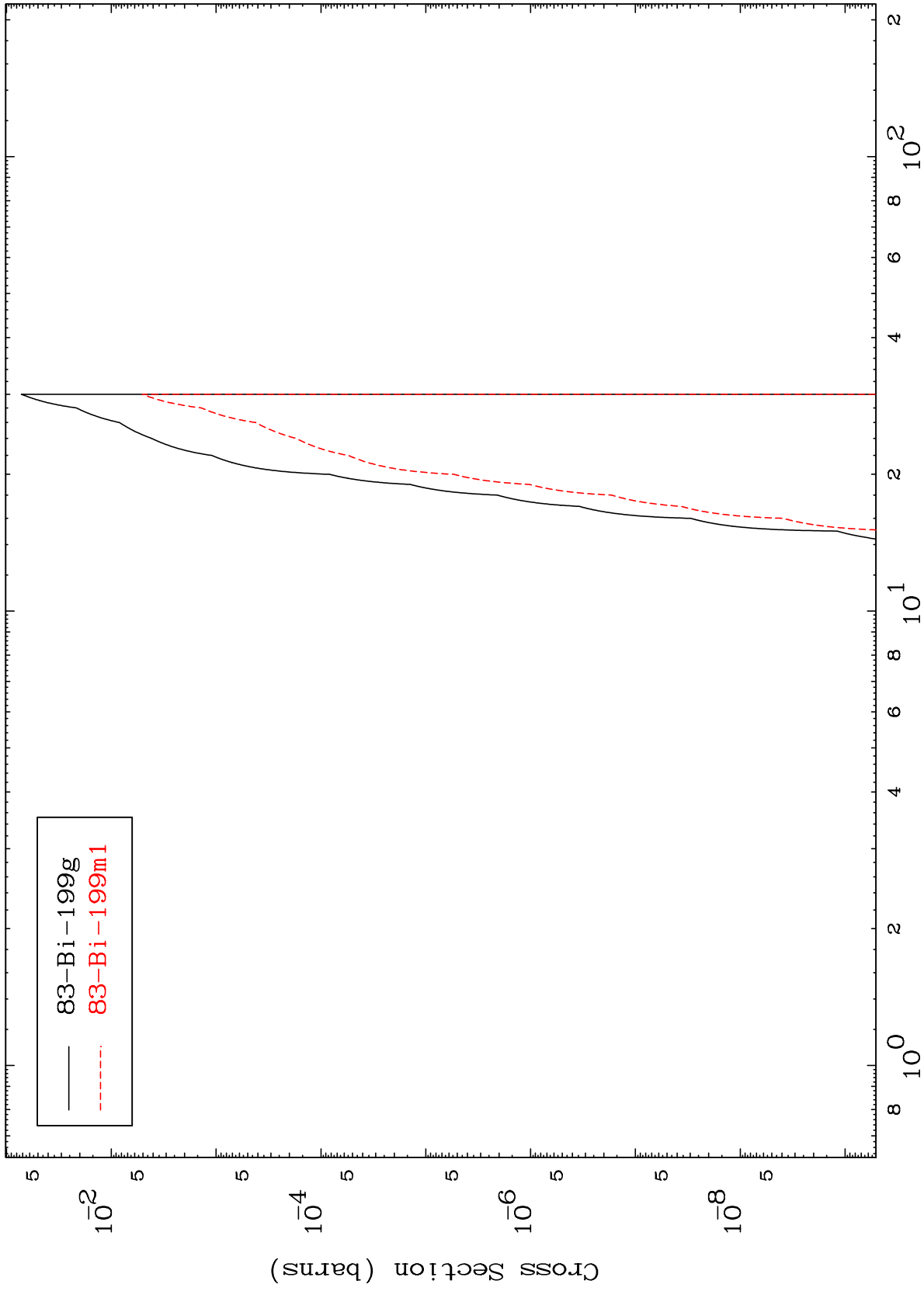
Incident Energy (MeV)

$^{83}\text{Bi-199}$

MAT 8295

83-Bi-199

Radionuclide Production Cross Section



20

Incident Energy (MeV)

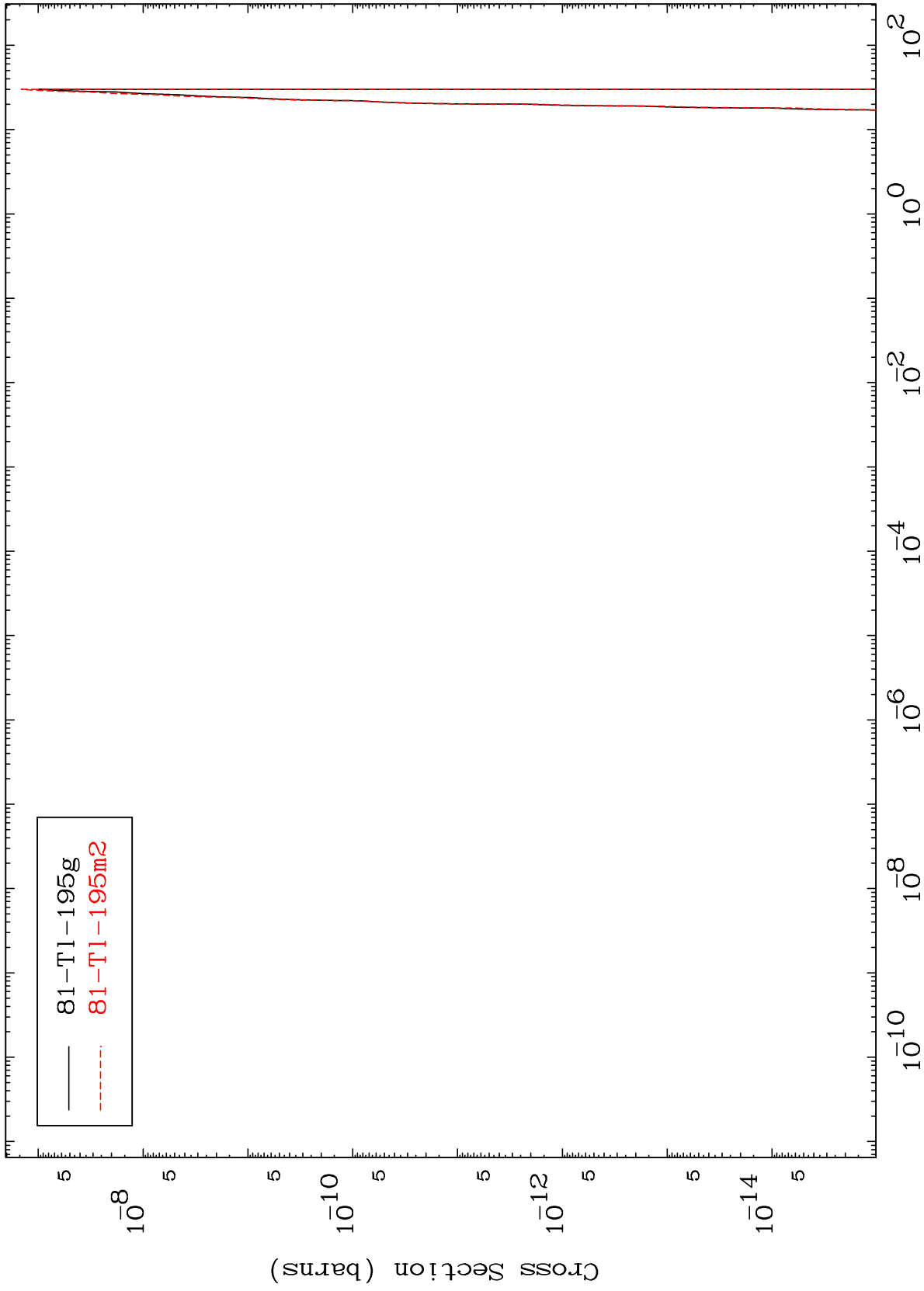
83-Bi-199

MAT 8295

($\alpha, 2\alpha$)

83-Bi-199

Radionuclide Production Cross Section



21

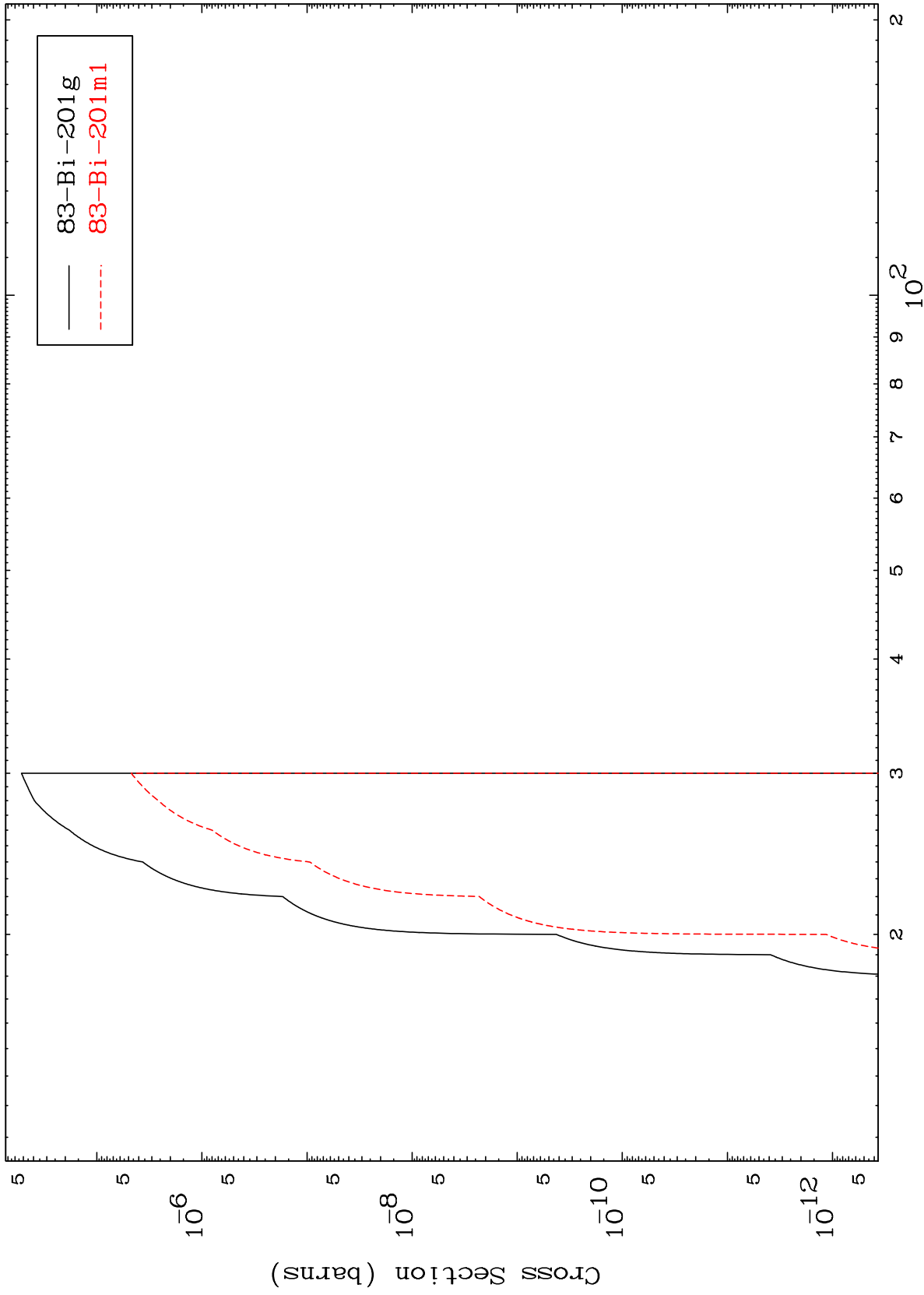
Incident Energy (MeV)

83-Bi-199

MAT 8295

83-Bi-199

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



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83-Bi-199