

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

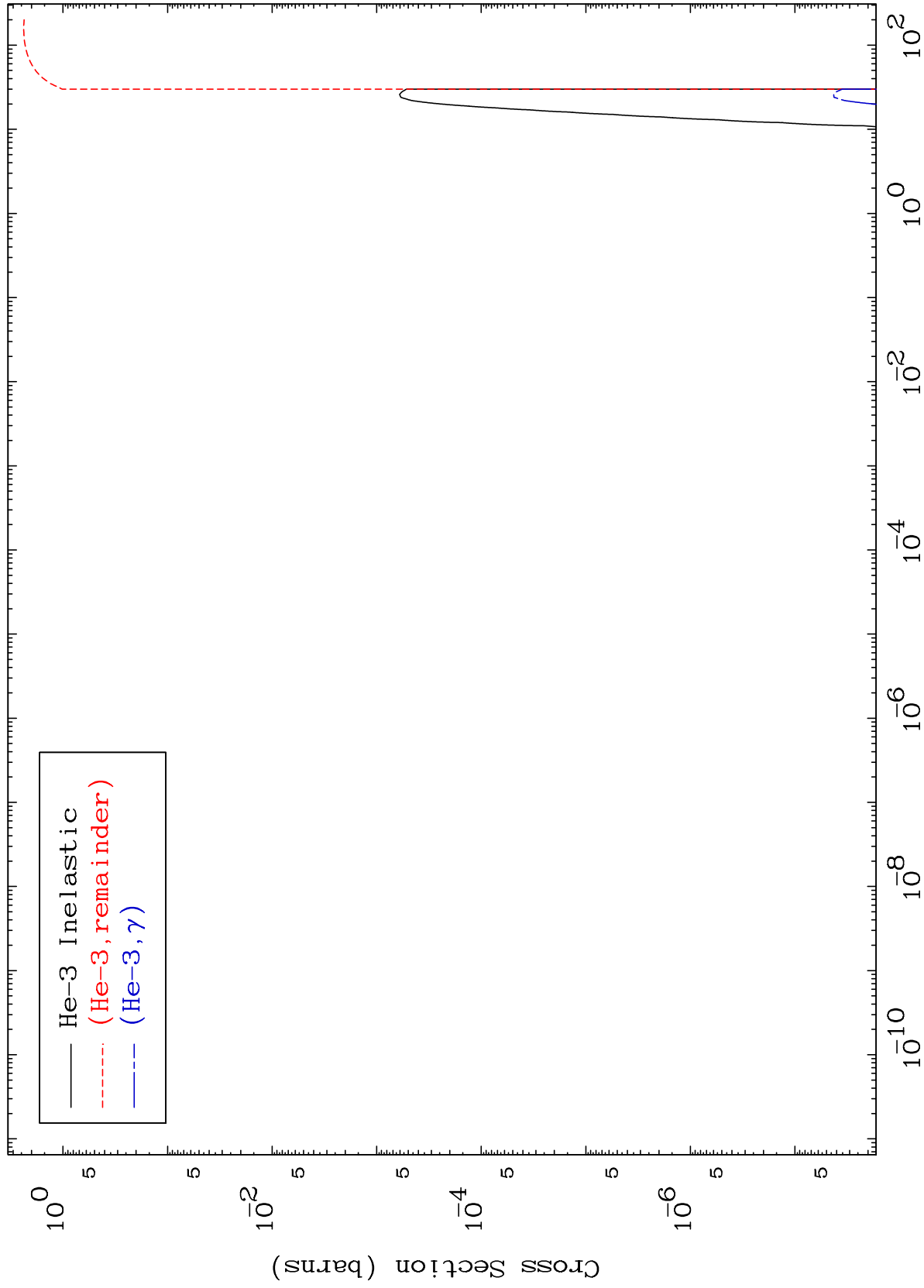
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7730

He-3 Major
0 Kelvin Cross Sections

77-Ir-192



1

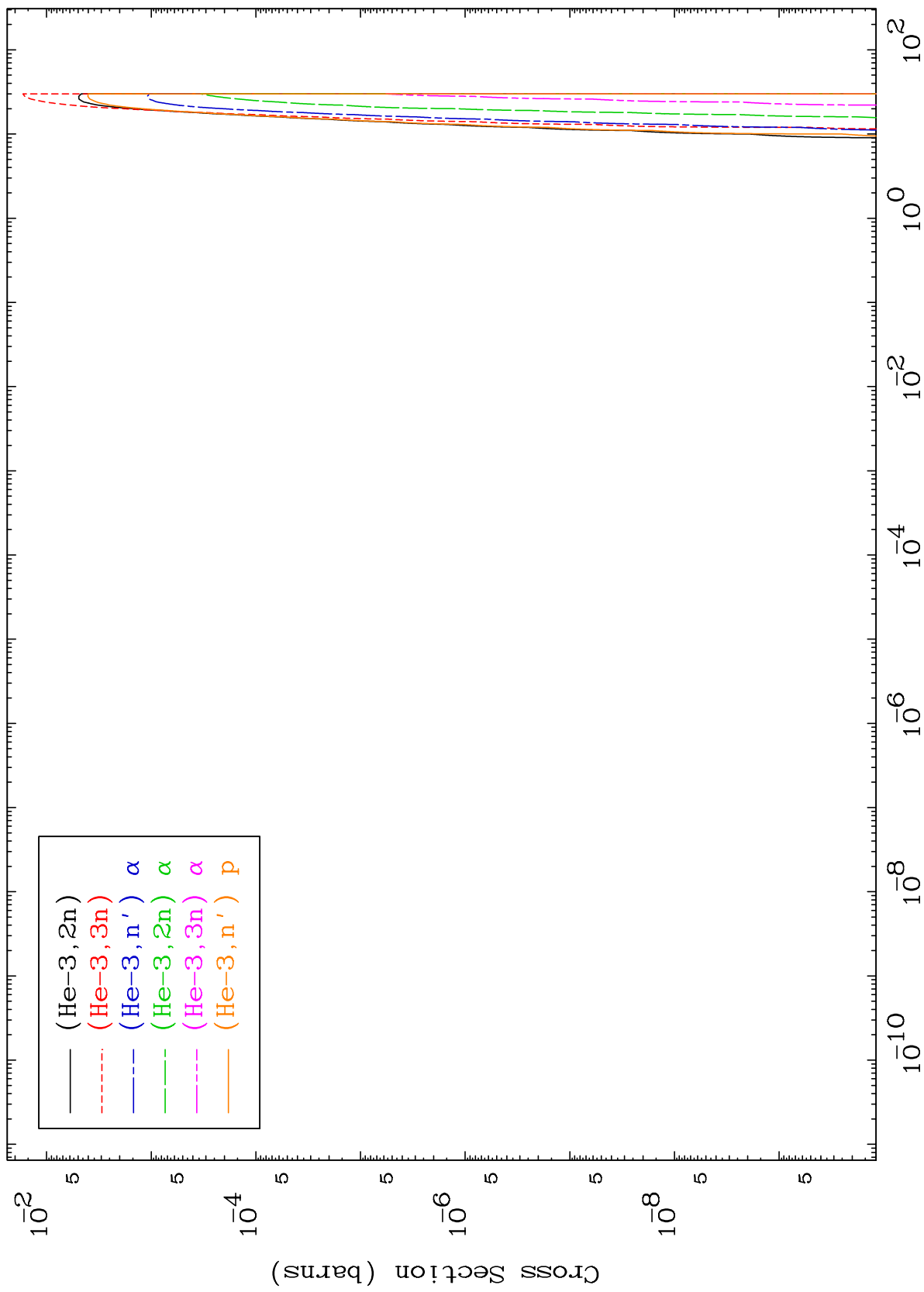
Incident Energy (MeV)

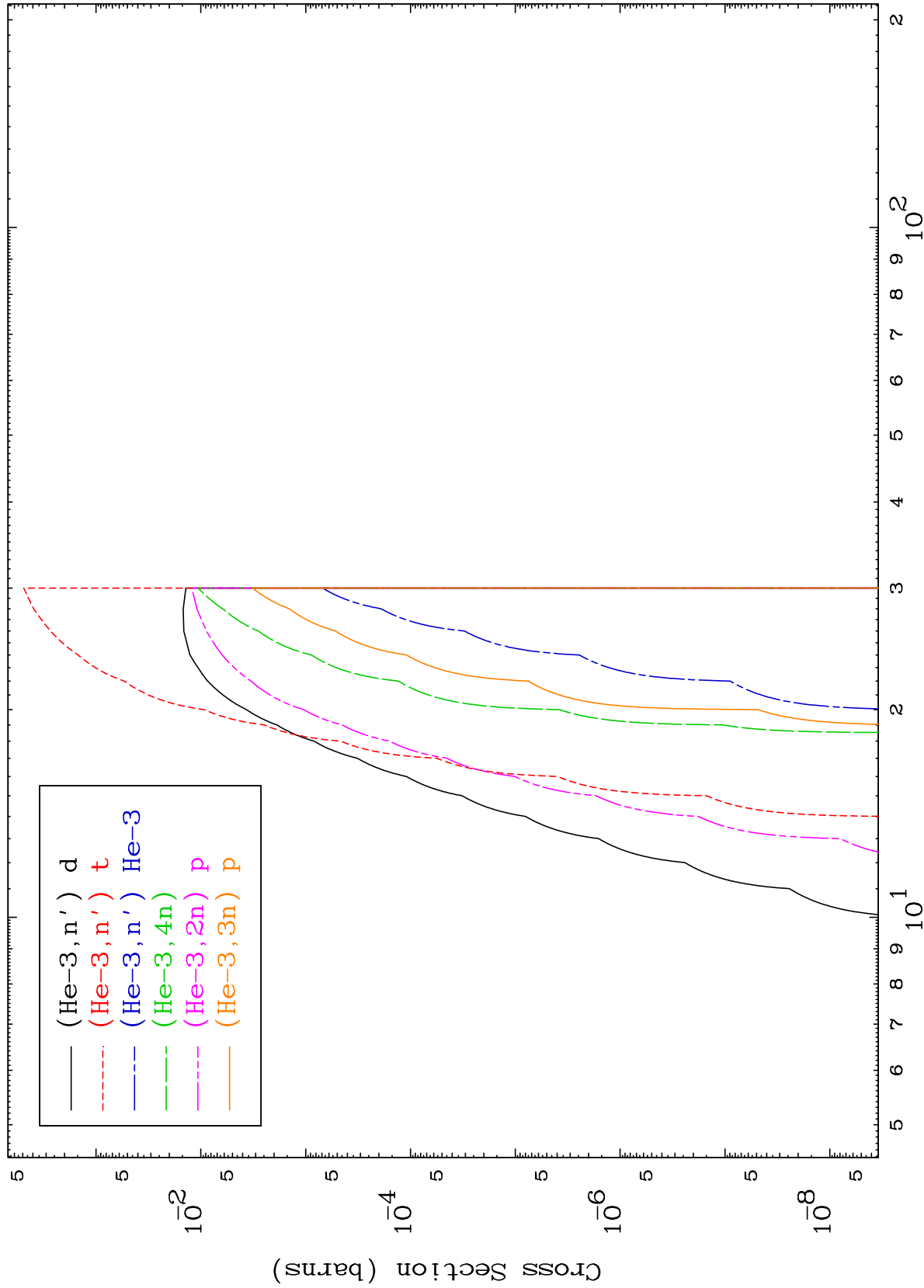
77-Ir-192

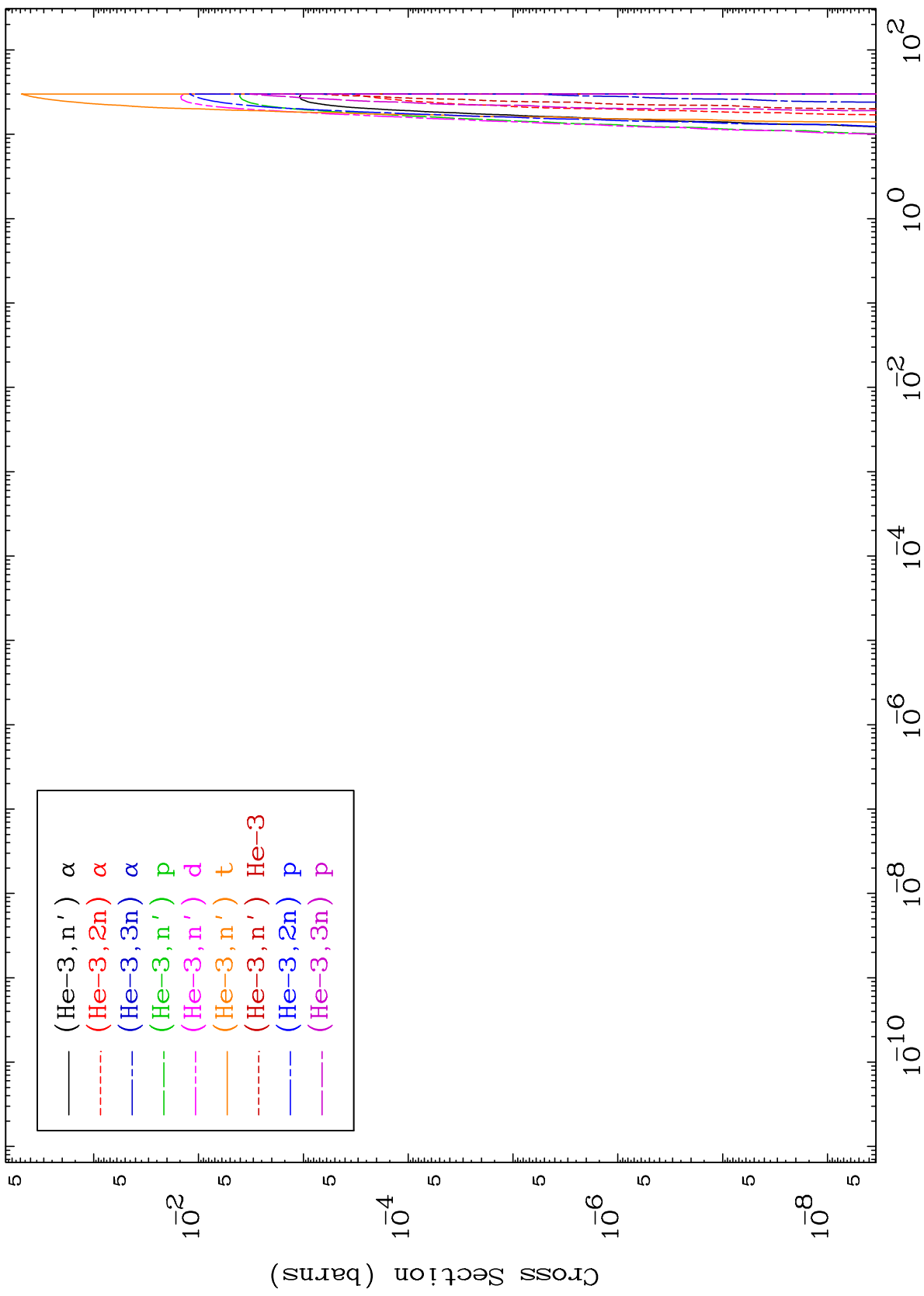
MAT 7730

He-3 Neutron Production
0 Kelvin Cross Sections

77-Ir-192



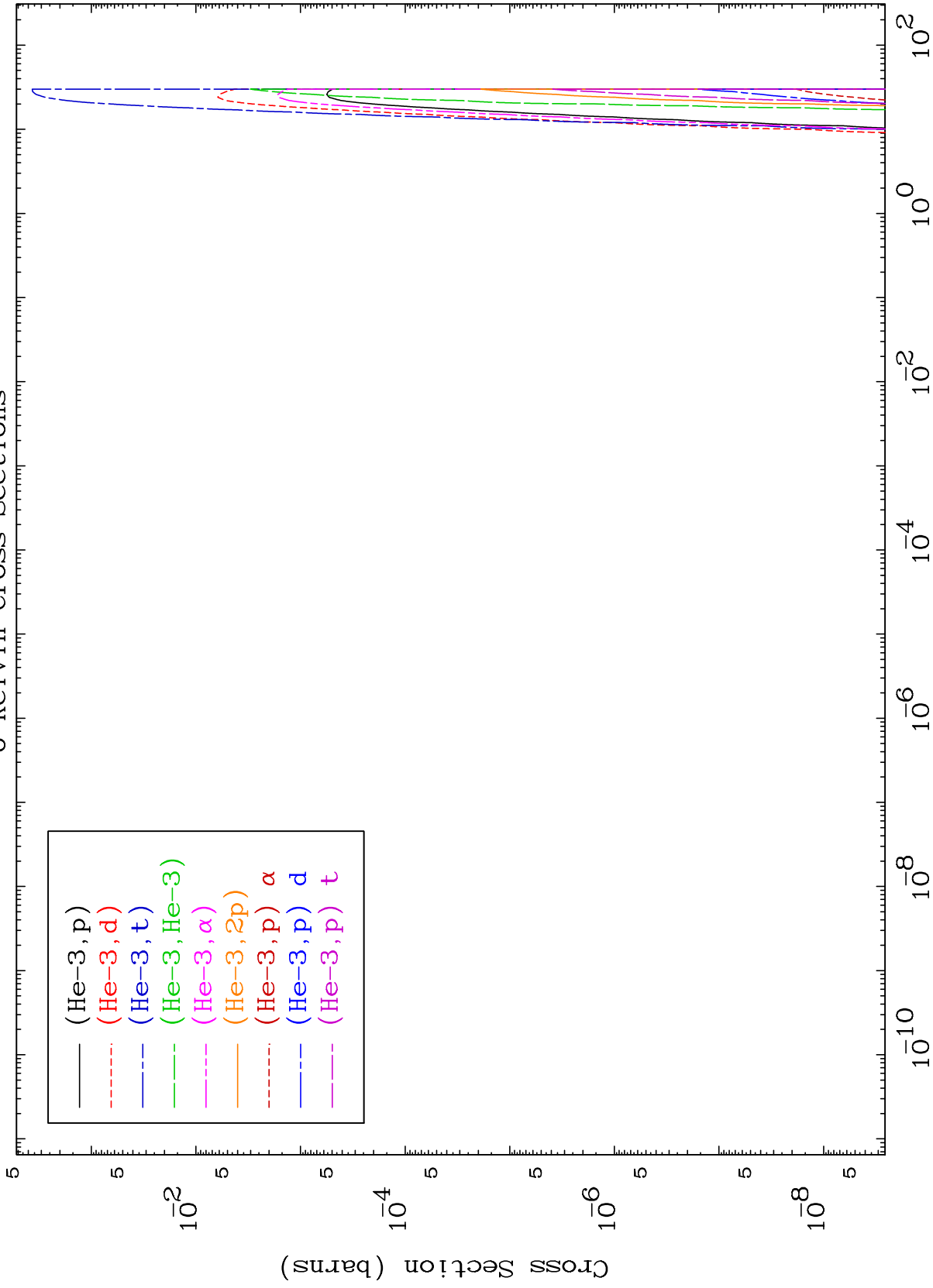




MAT 7730

He-3 Charged Particle
0 Kelvin Cross Sections

77-Ir-192



5

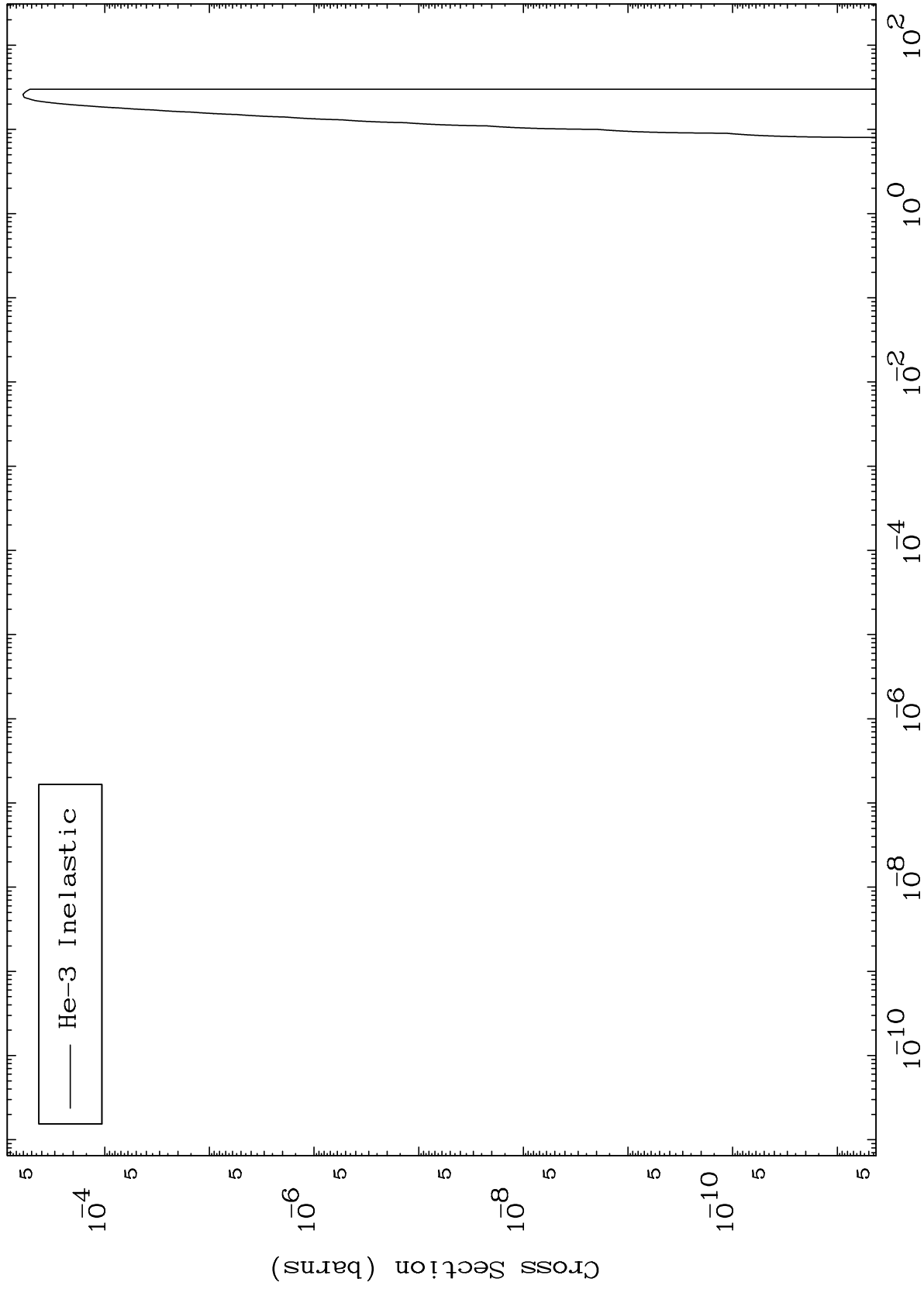
Incident Energy (MeV)

77-Ir-192

MAT 7730

(He-3,n') Level
0 Kelvin Cross Sections

77-Ir-192



6

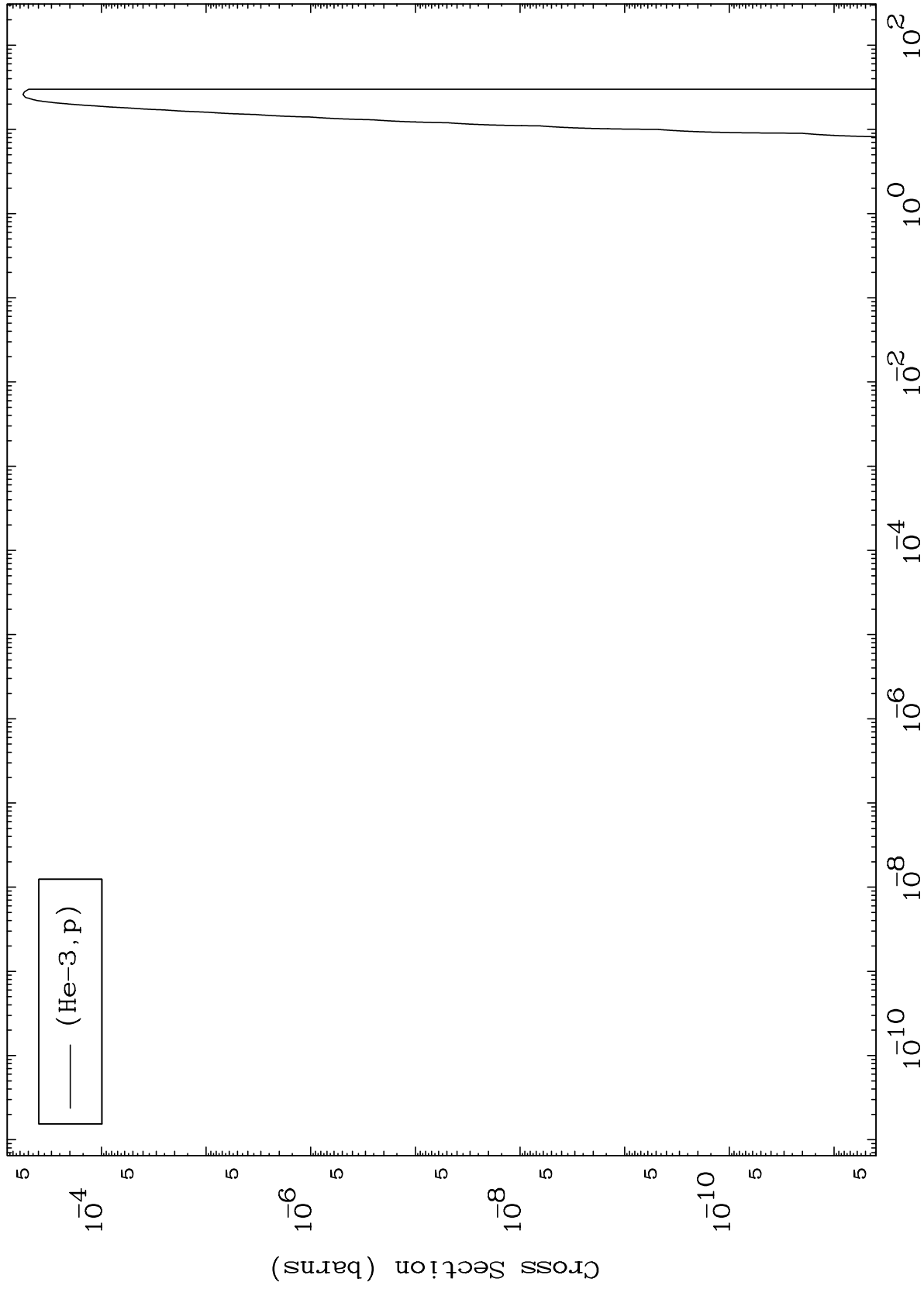
Incident Energy (MeV)

77-Ir-192

MAT 7730

(He-3,p) Levels
0 Kelvin Cross Sections

77-Ir-192



7

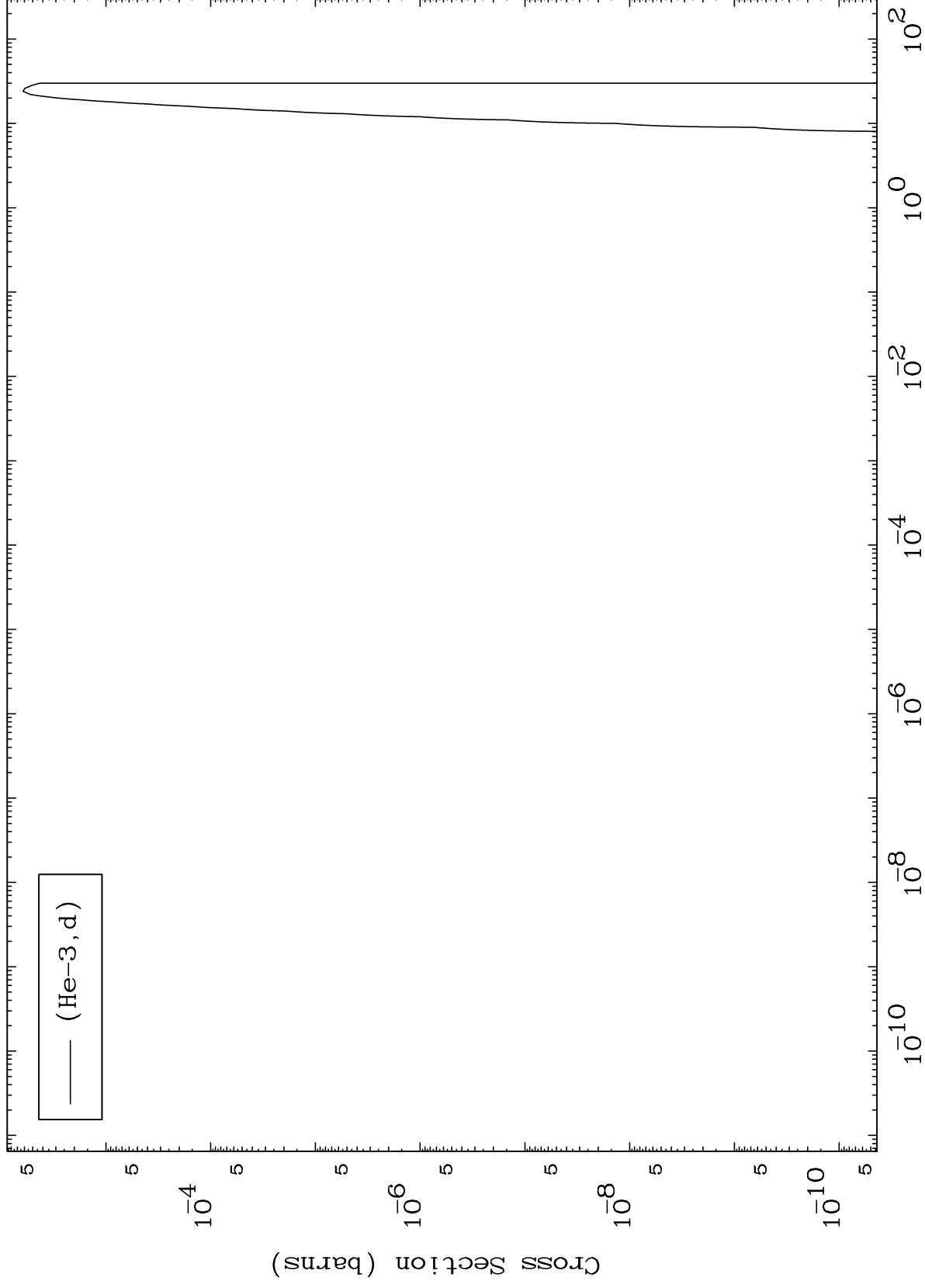
Incident Energy (MeV)

77-Ir-192

MAT 7730

(He-3,d) Levels
0 Kelvin Cross Sections

77-Ir-192



8

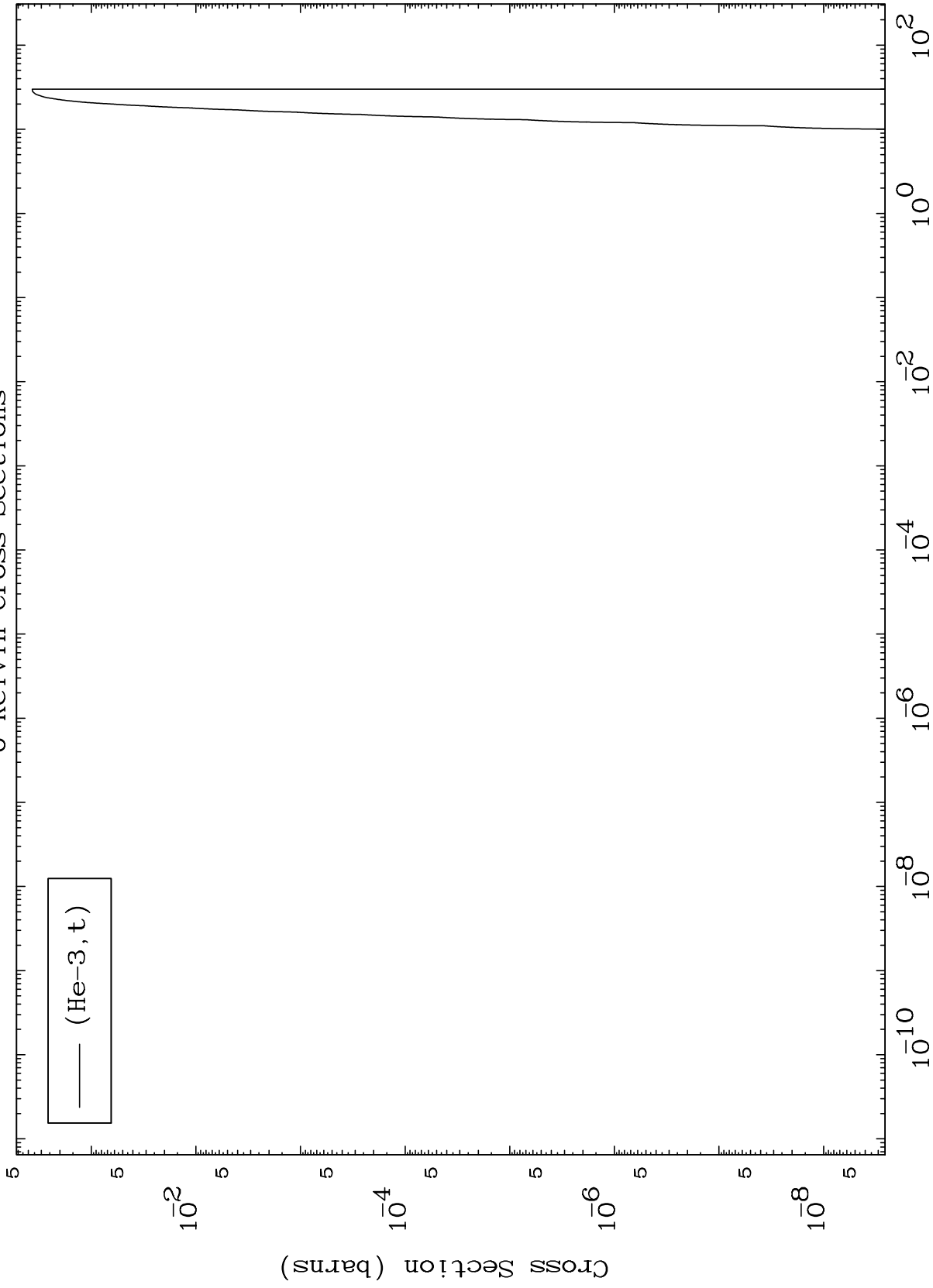
Incident Energy (MeV)

77-Ir-192

MAT 7730

(He-3,t) Levels
0 Kelvin Cross Sections

77-Ir-192



9

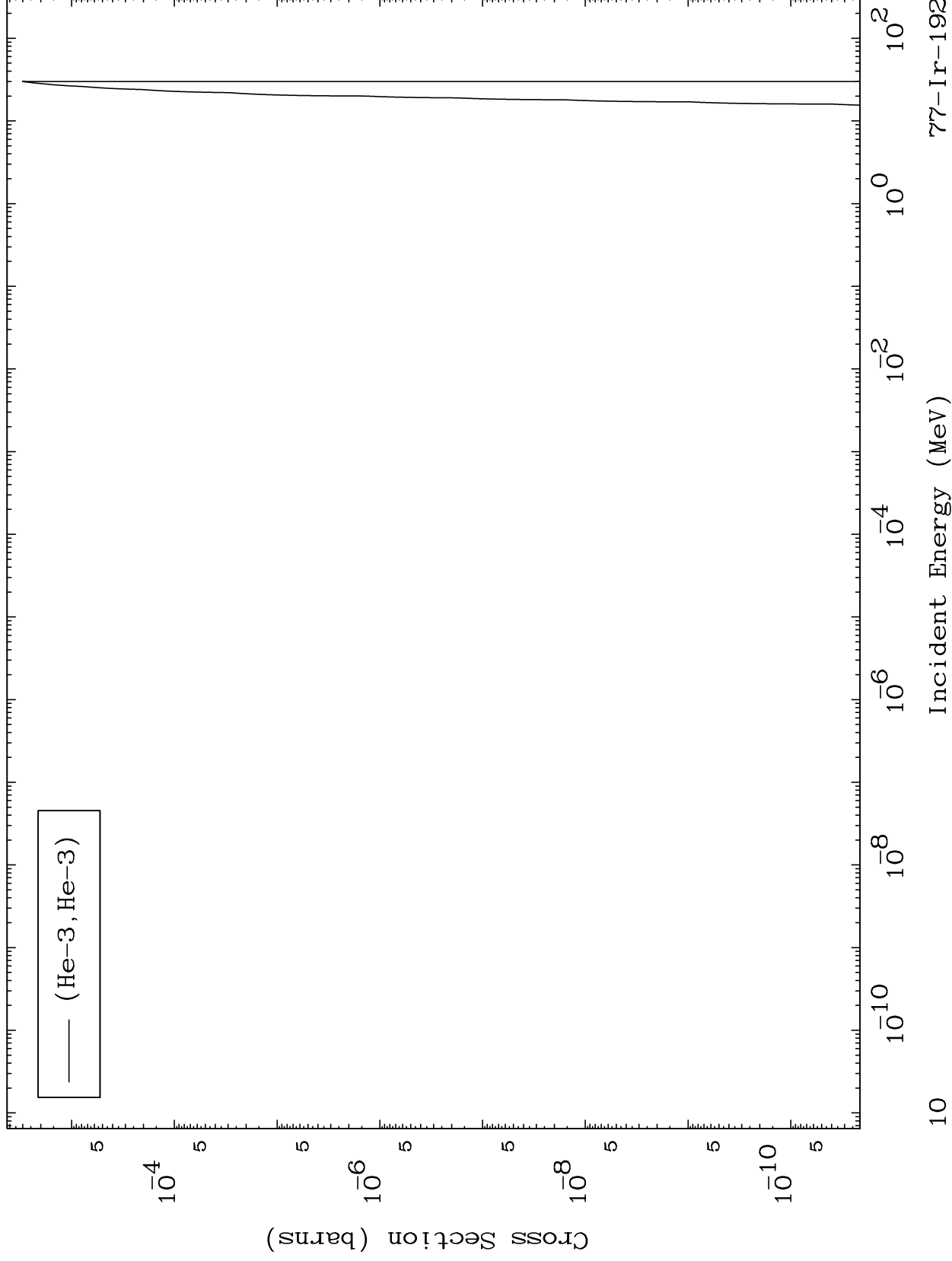
Incident Energy (MeV)

77-Ir-192

MAT 7730

(He-3, He3) Levels
0 Kelvin Cross Sections

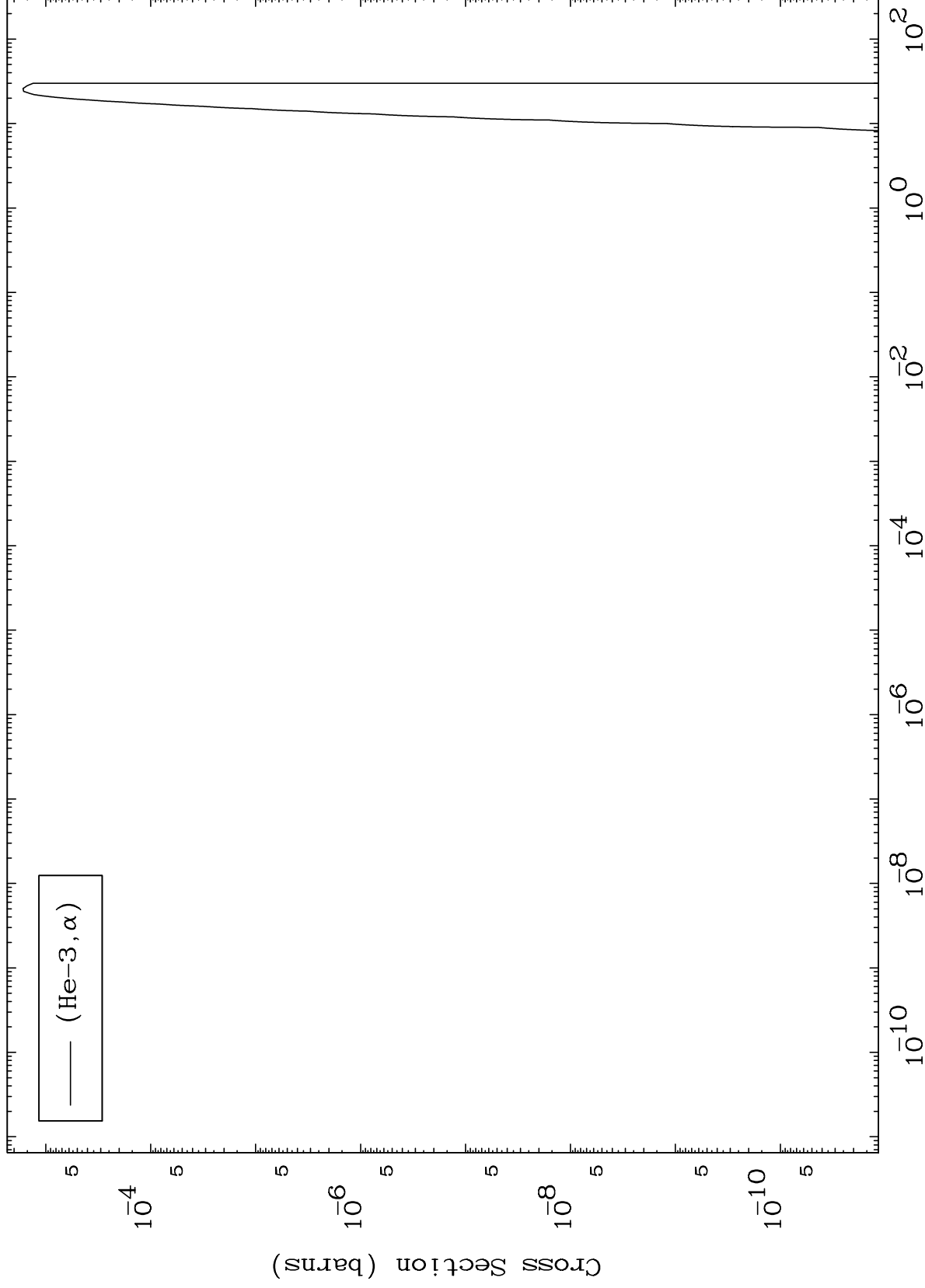
77-Ir-192



MAT 7730

(He-3, α) Levels
0 Kelvin Cross Sections

77-Ir-192



11

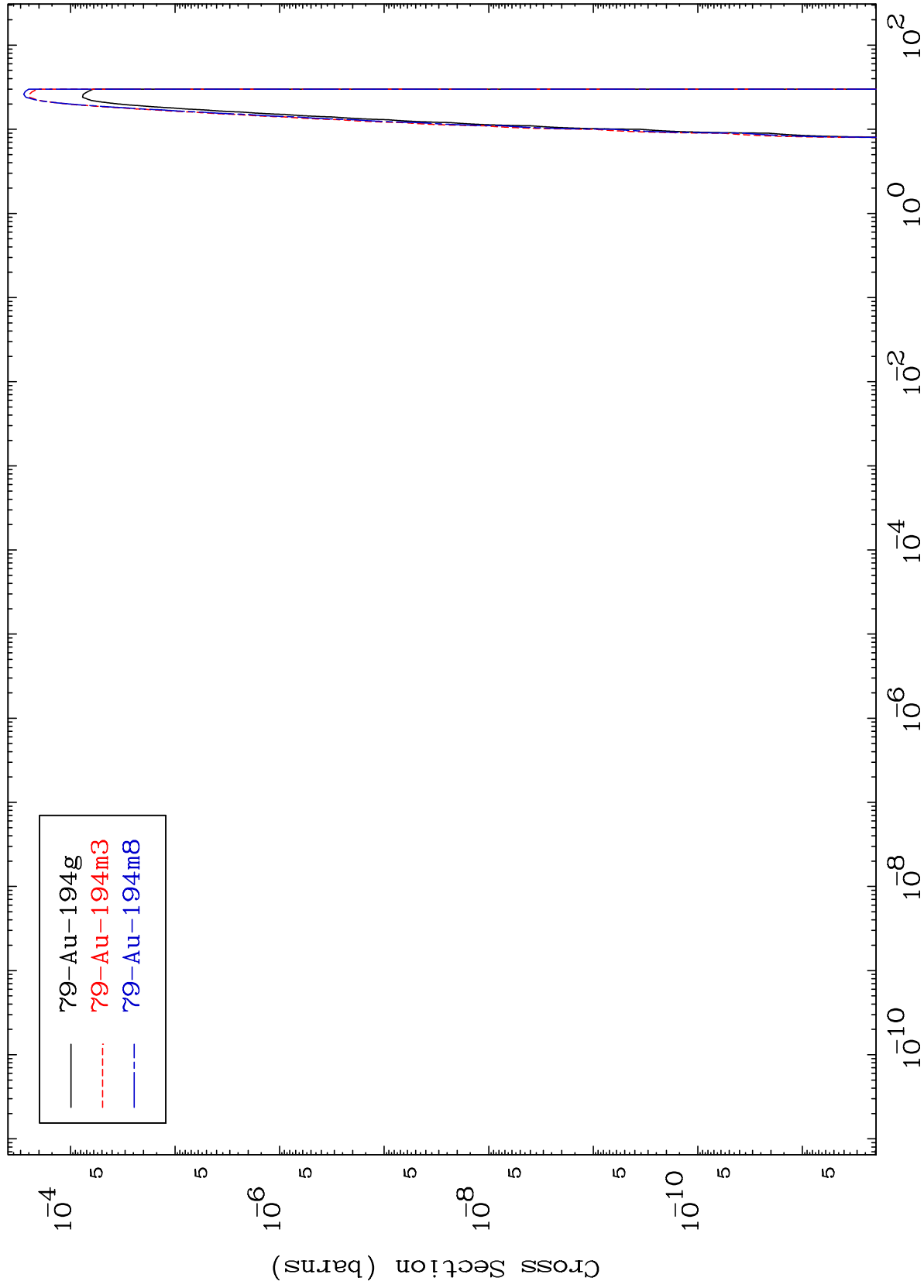
Incident Energy (MeV)

77-Ir-192

MAT 7730

He-3 Inelastic
Radionuclide Production Cross Section

⁷⁷Ir-¹⁹²



12

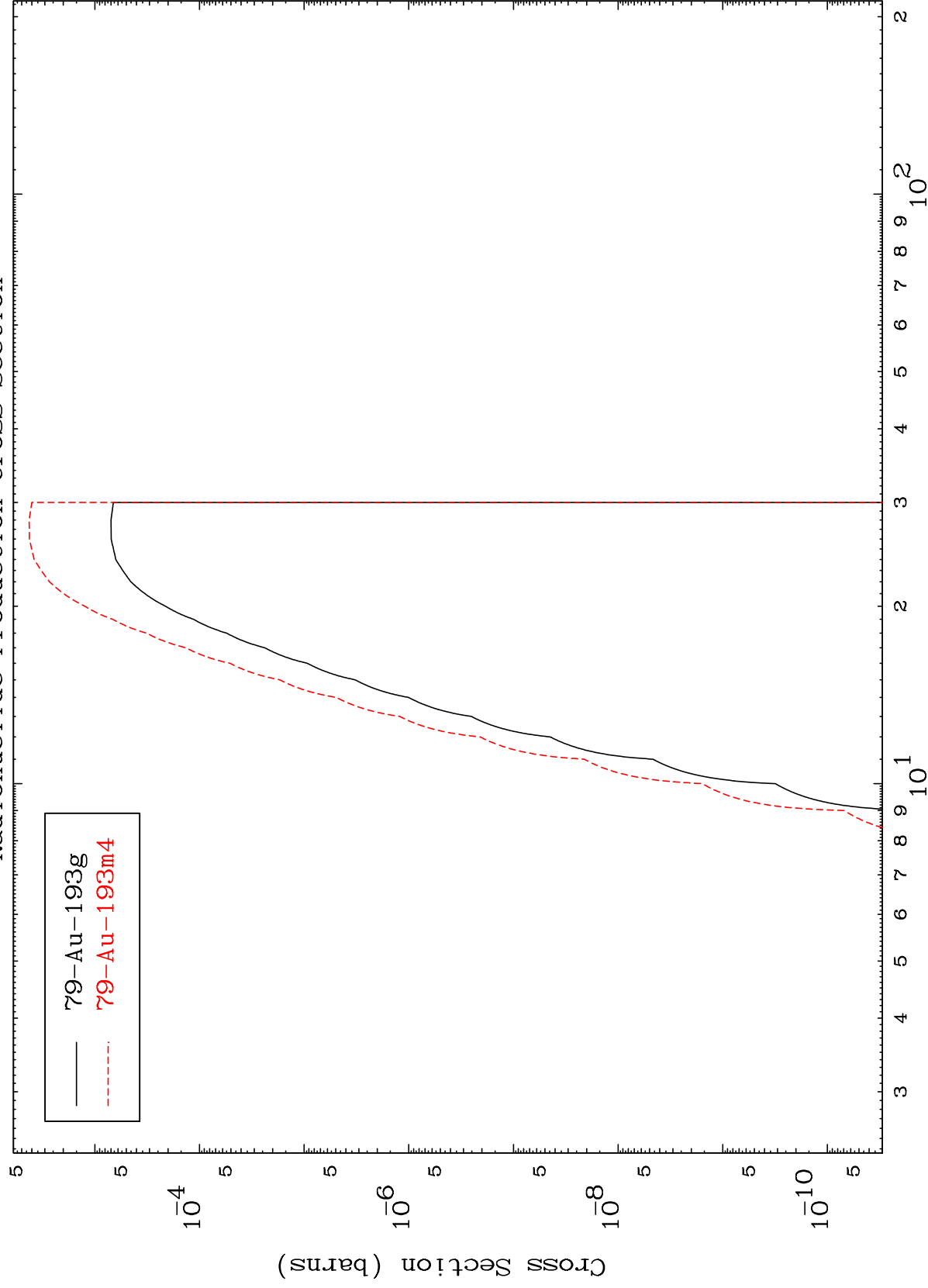
Incident Energy (MeV)

⁷⁷Ir-¹⁹²

MAT 7730

Radionuclide Production Cross Section
(He-3,2n)

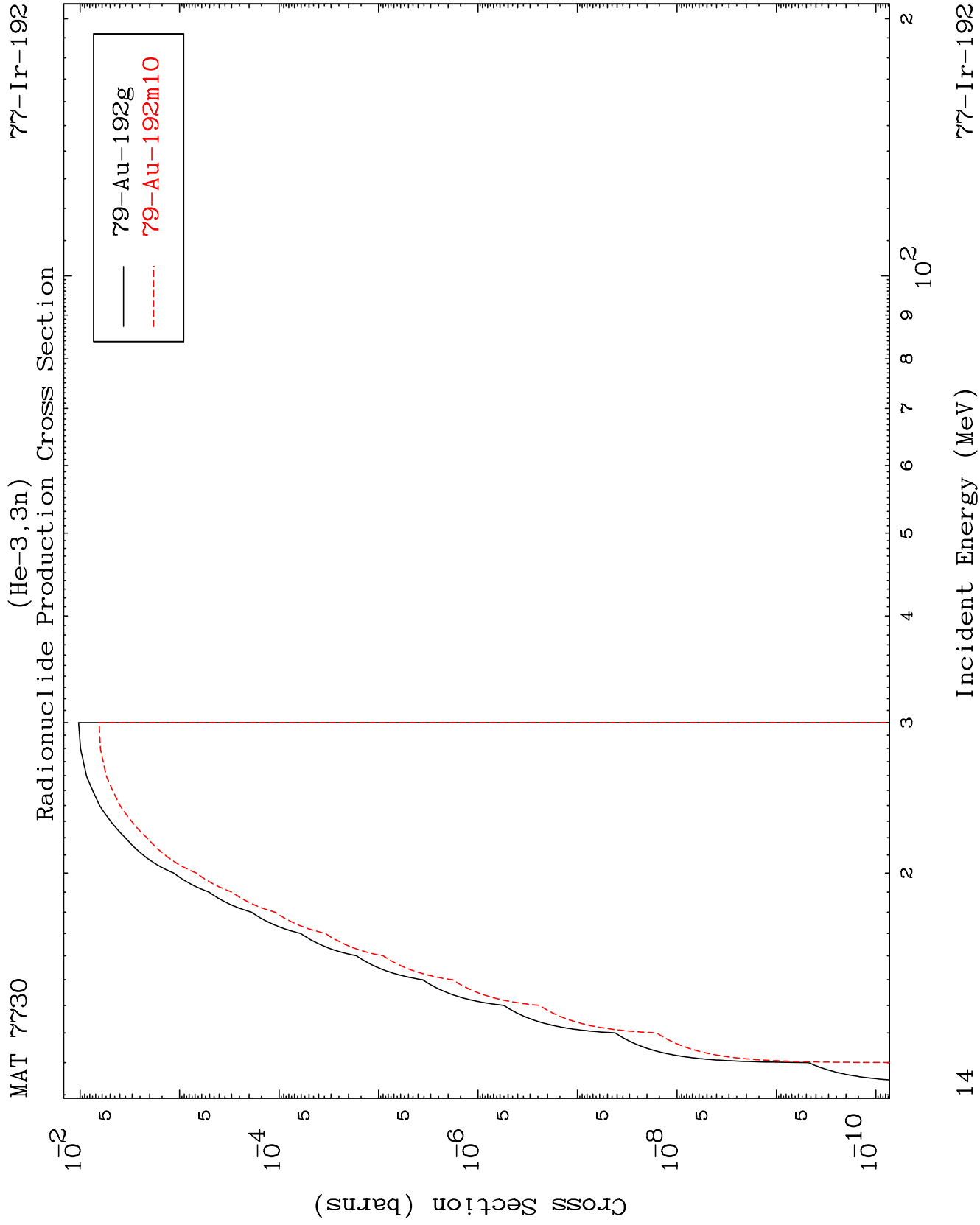
⁷⁷Ir-192



13

Incident Energy (MeV)

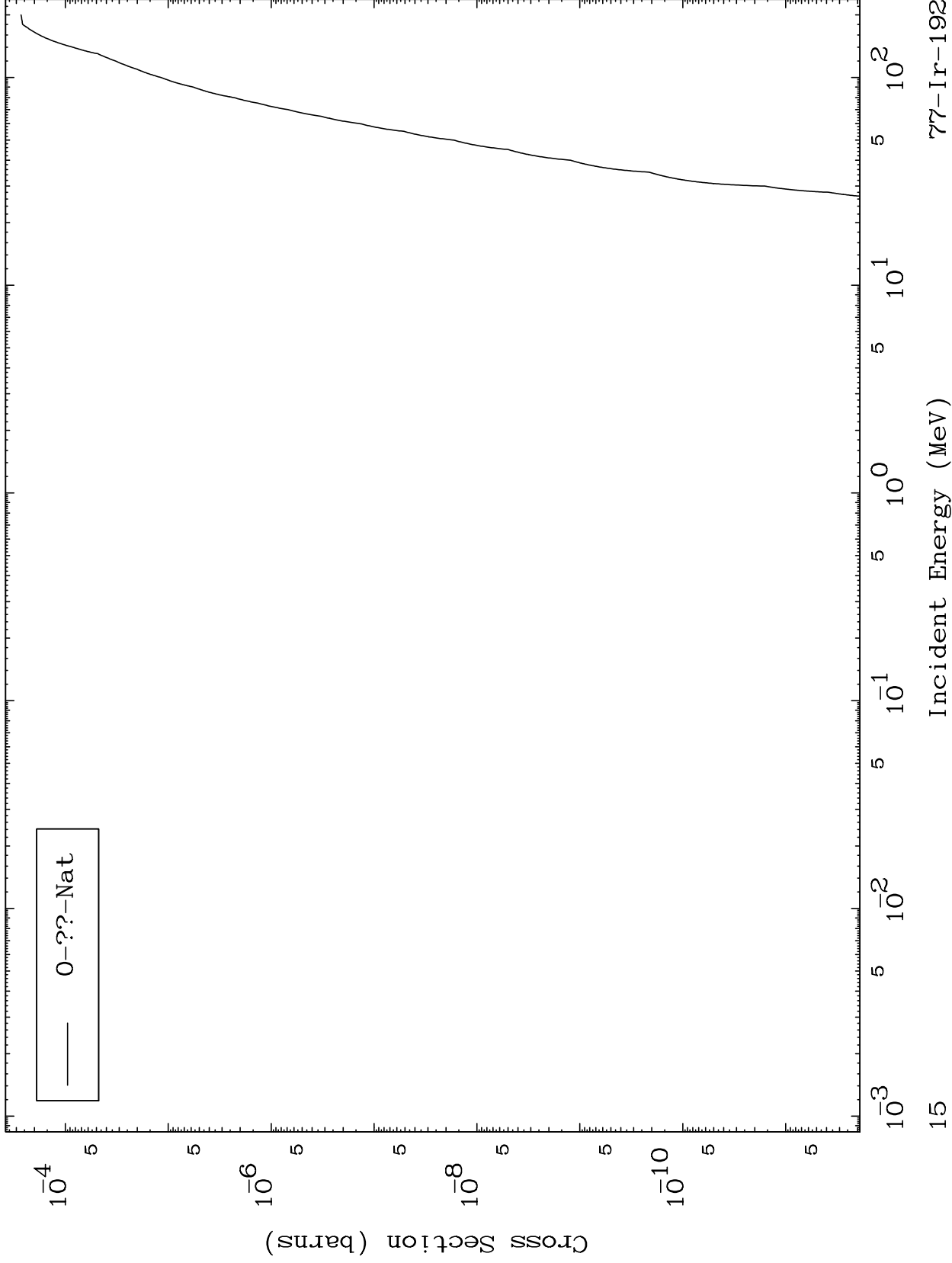
⁷⁷Ir-192



MAT 7730

He-3 Fission
Radionuclide Production Cross Section

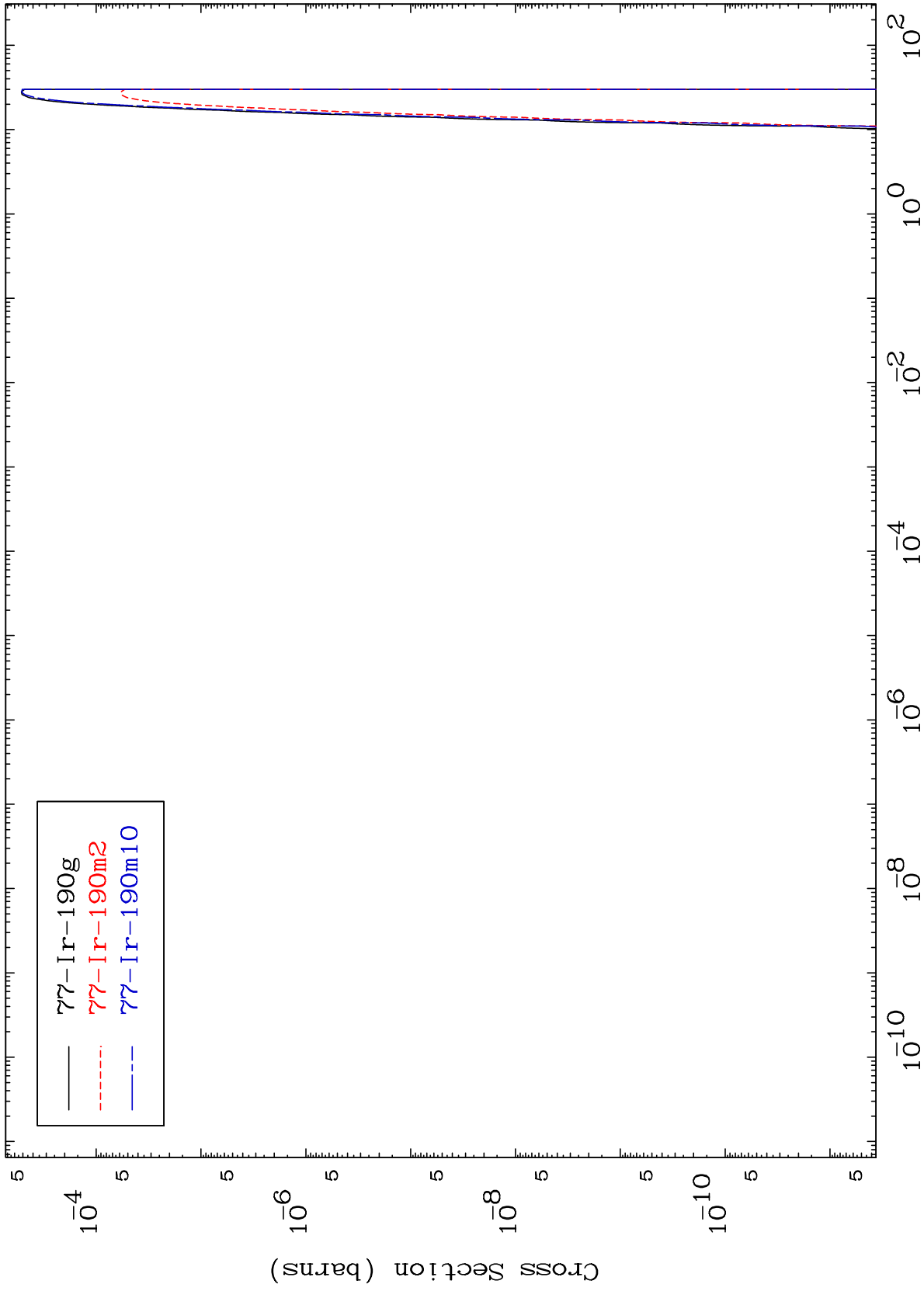
77-Ir-192



MAT 7730

$(\text{He-3}, n') \alpha$
Radionuclide Production Cross Section

$^{77}\text{Ir-192}$



16

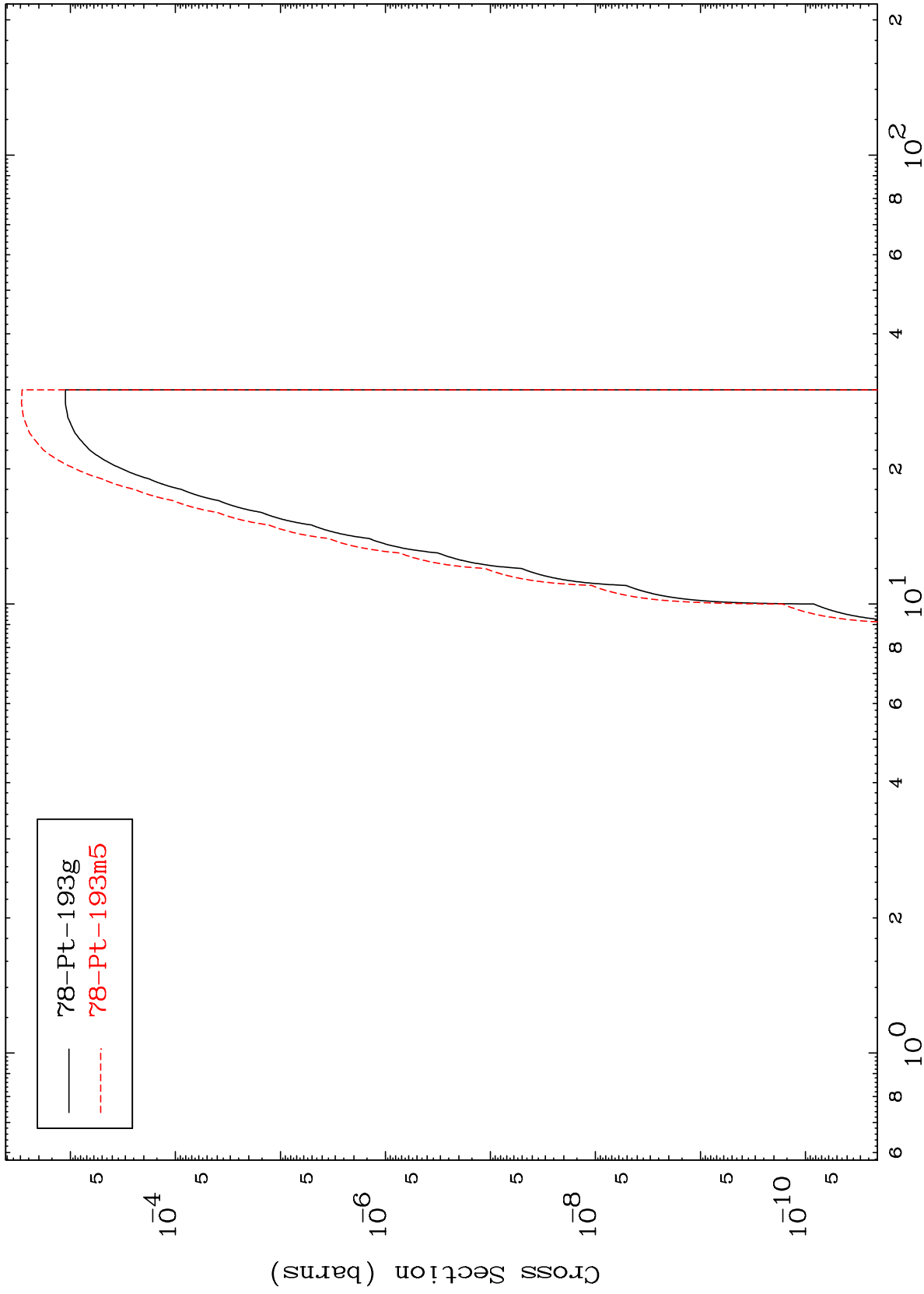
Incident Energy (MeV)

$^{77}\text{Ir-192}$

MAT 7730

(He-3,n') p
Radionuclide Production Cross Section

77-Ir-192



17

Incident Energy (MeV)

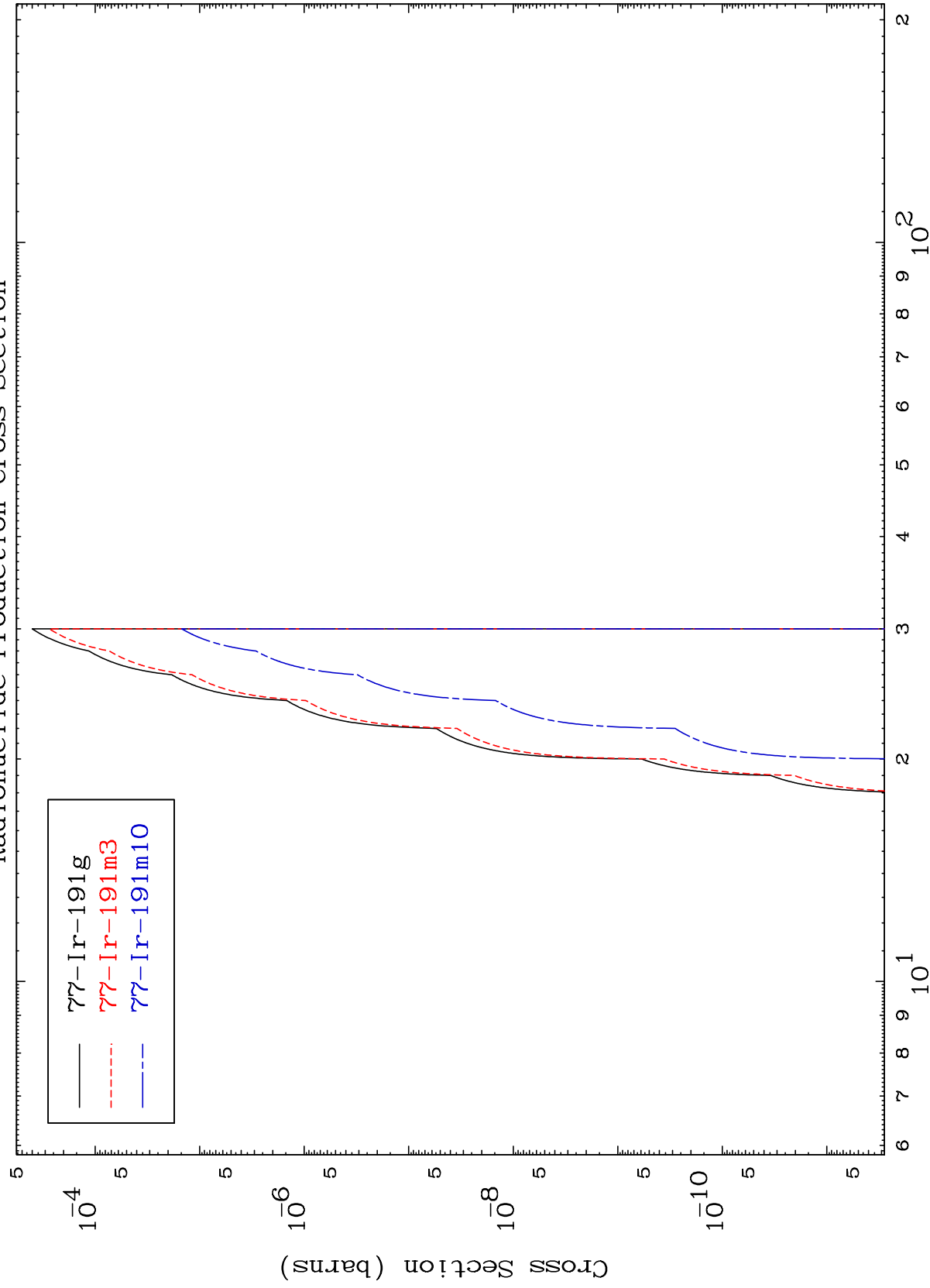
77-Ir-192

MAT 7730

(He-3,n') He-3

77-Ir-192

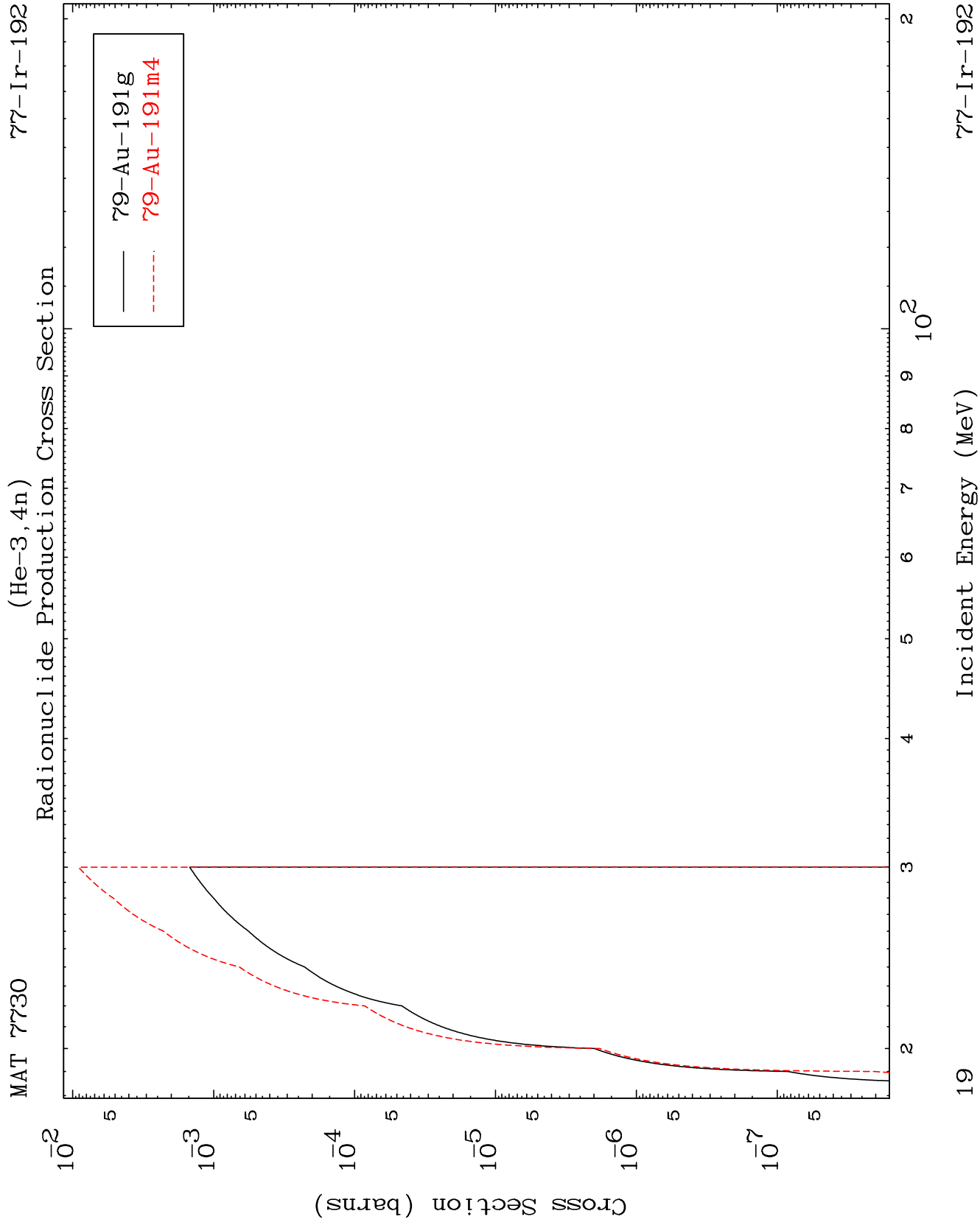
Radionuclide Production Cross Section

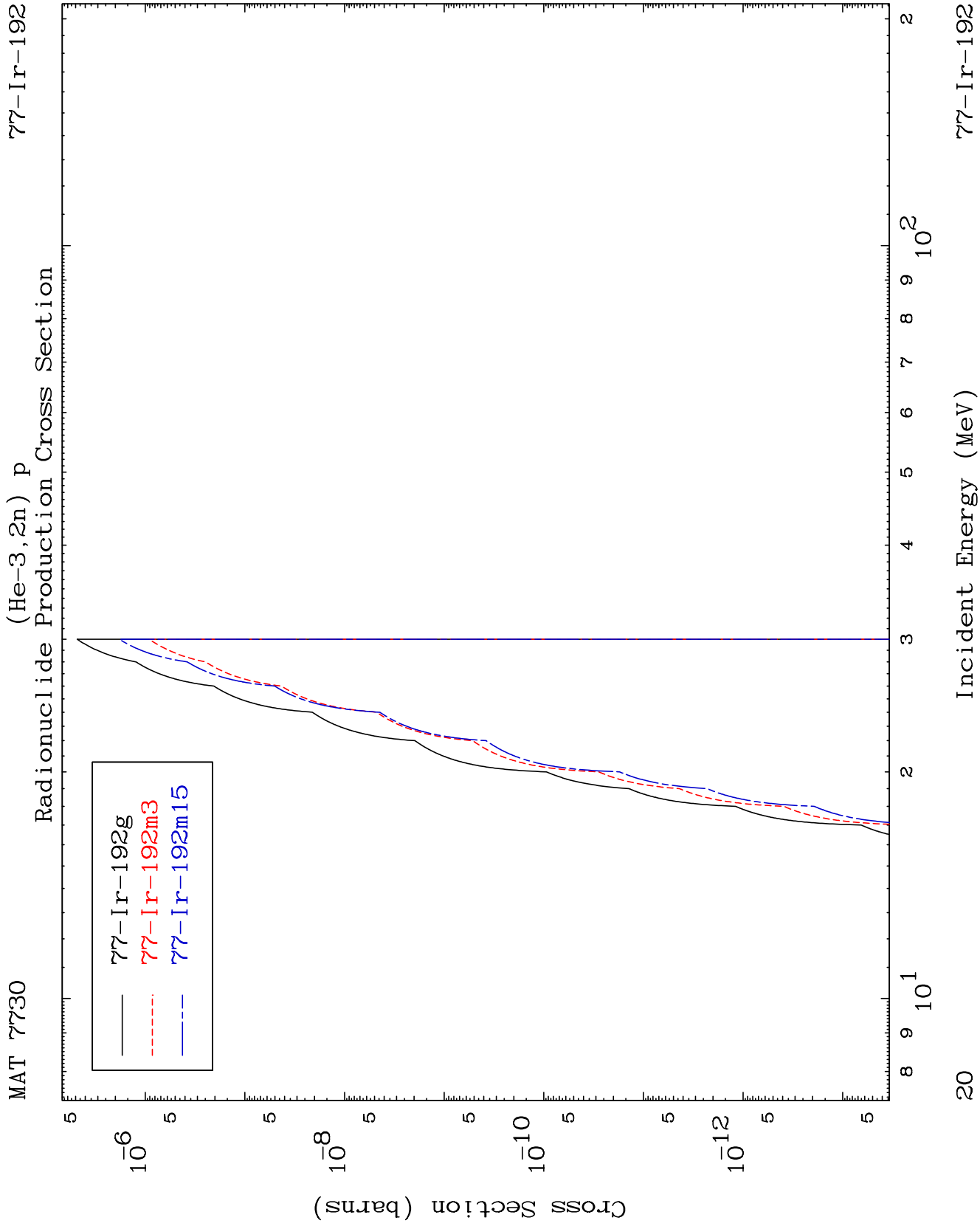


18

Incident Energy (MeV)

77-Ir-192



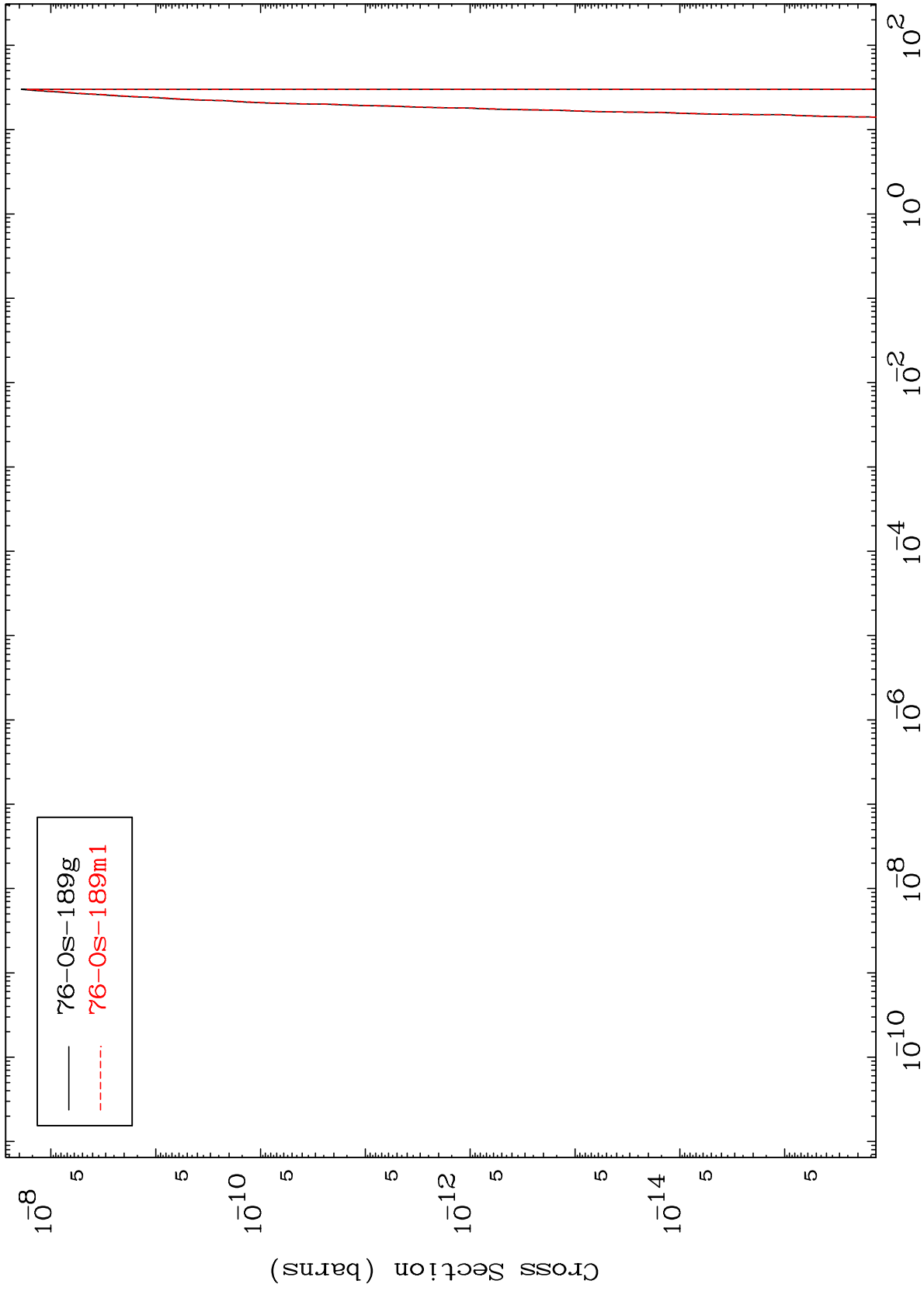


MAT 7730

(He-3,n') p α

77-Ir-192

Radionuclide Production Cross Section



21

Incident Energy (MeV)

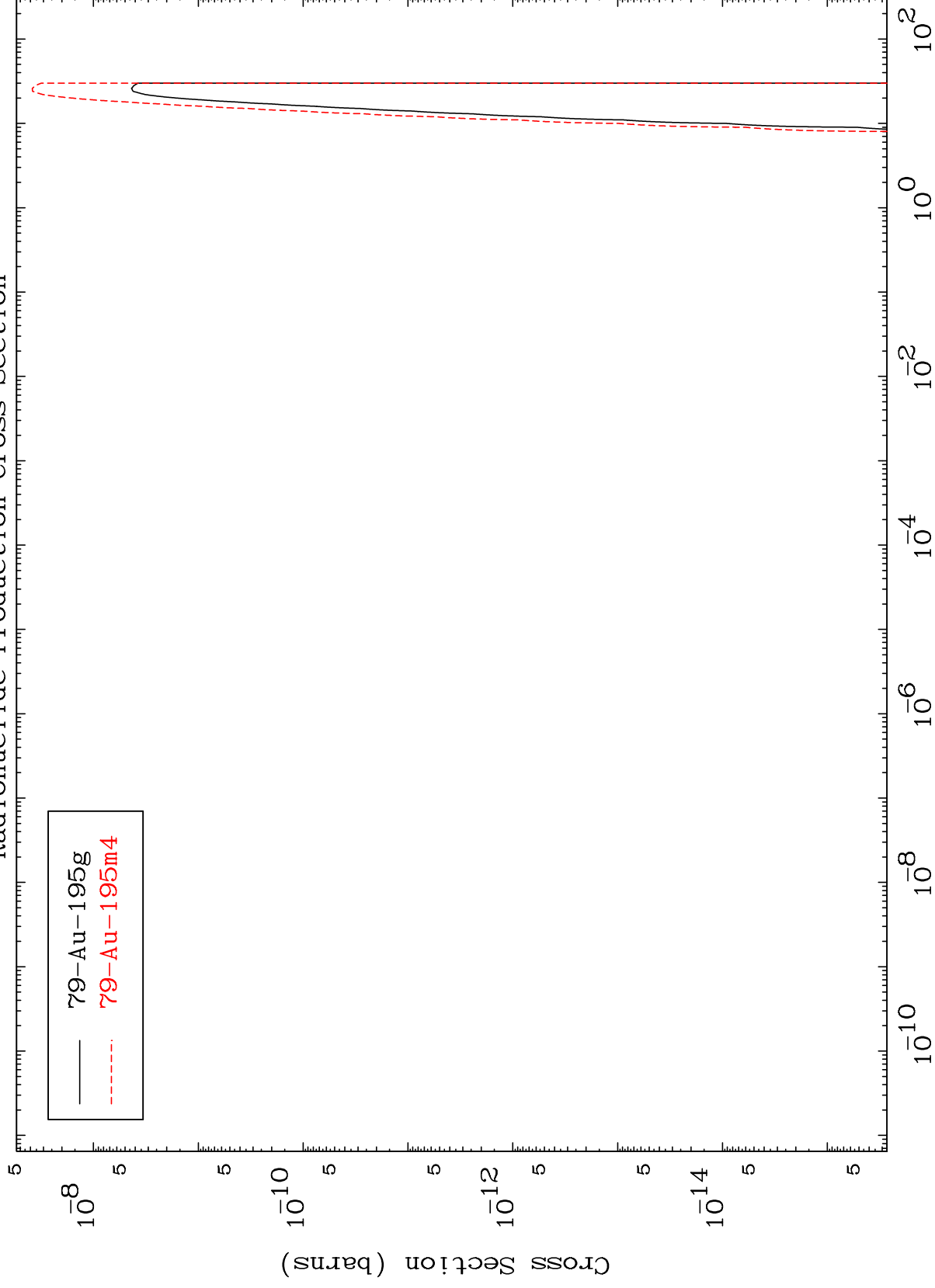
77-Ir-192

MAT 7730

(He-3, γ)

77-Ir-192

Radionuclide Production Cross Section



22

Incident Energy (MeV)

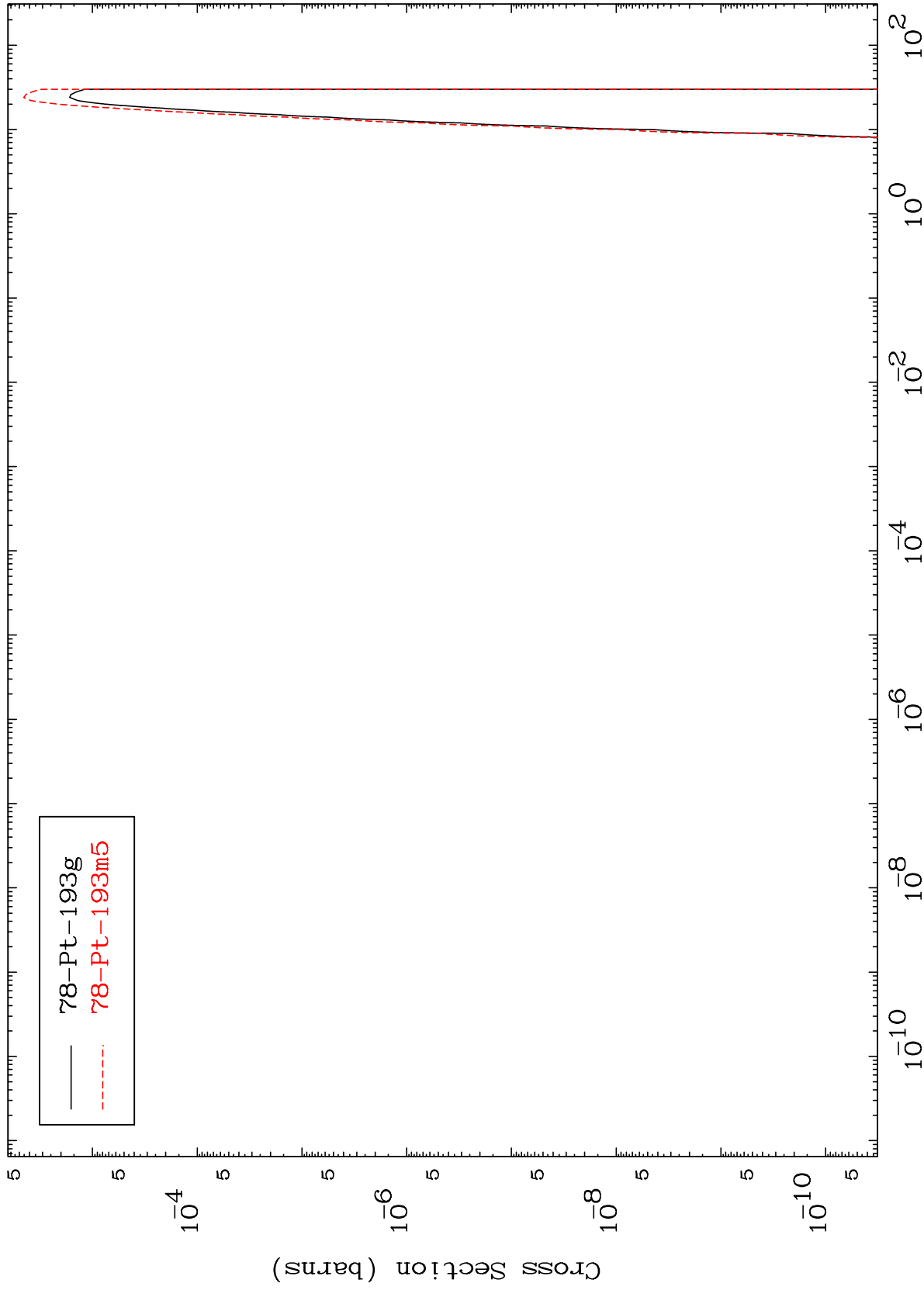
77-Ir-192

MAT 7730

(He-3,d)

77-Ir-192

Radionuclide Production Cross Section



23

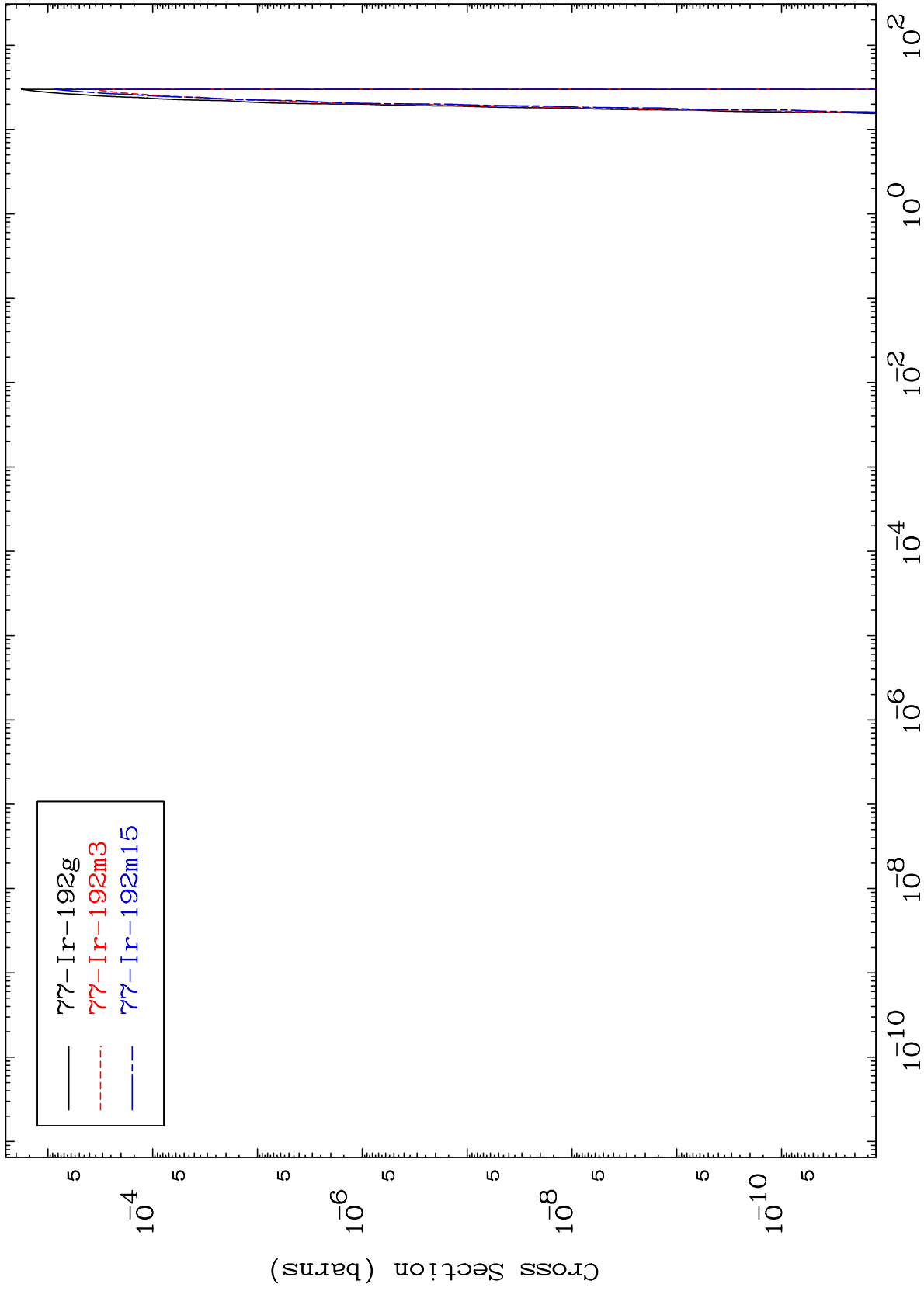
Incident Energy (MeV)

77-Ir-192

MAT 7730

(He-3,He-3)
Radionuclide Production Cross Section

77-Ir-192



24

Incident Energy (MeV)

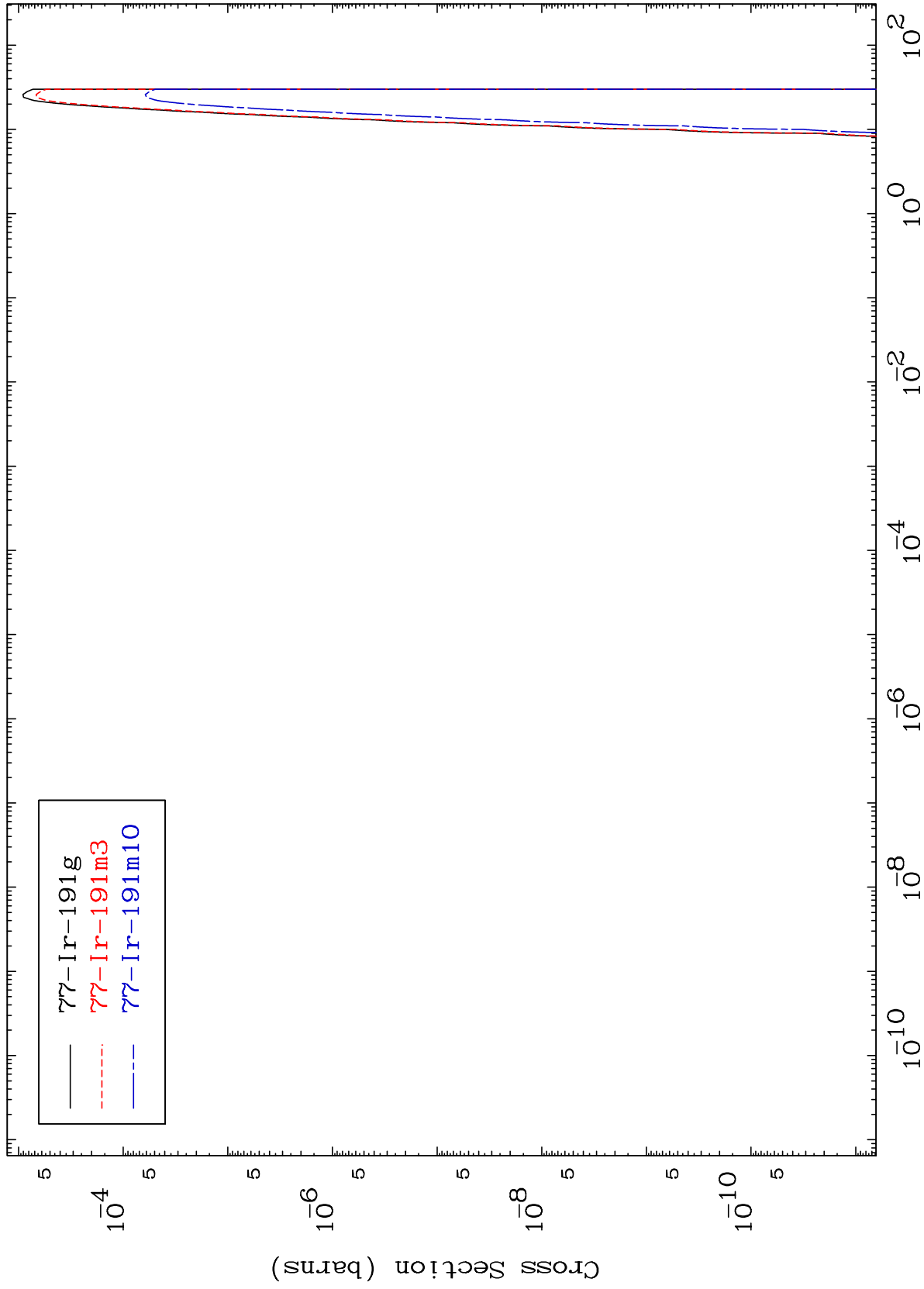
77-Ir-192

MAT 7730

(He-3, α)

⁷⁷Ir-192

Radionuclide Production Cross Section



25

Incident Energy (MeV)

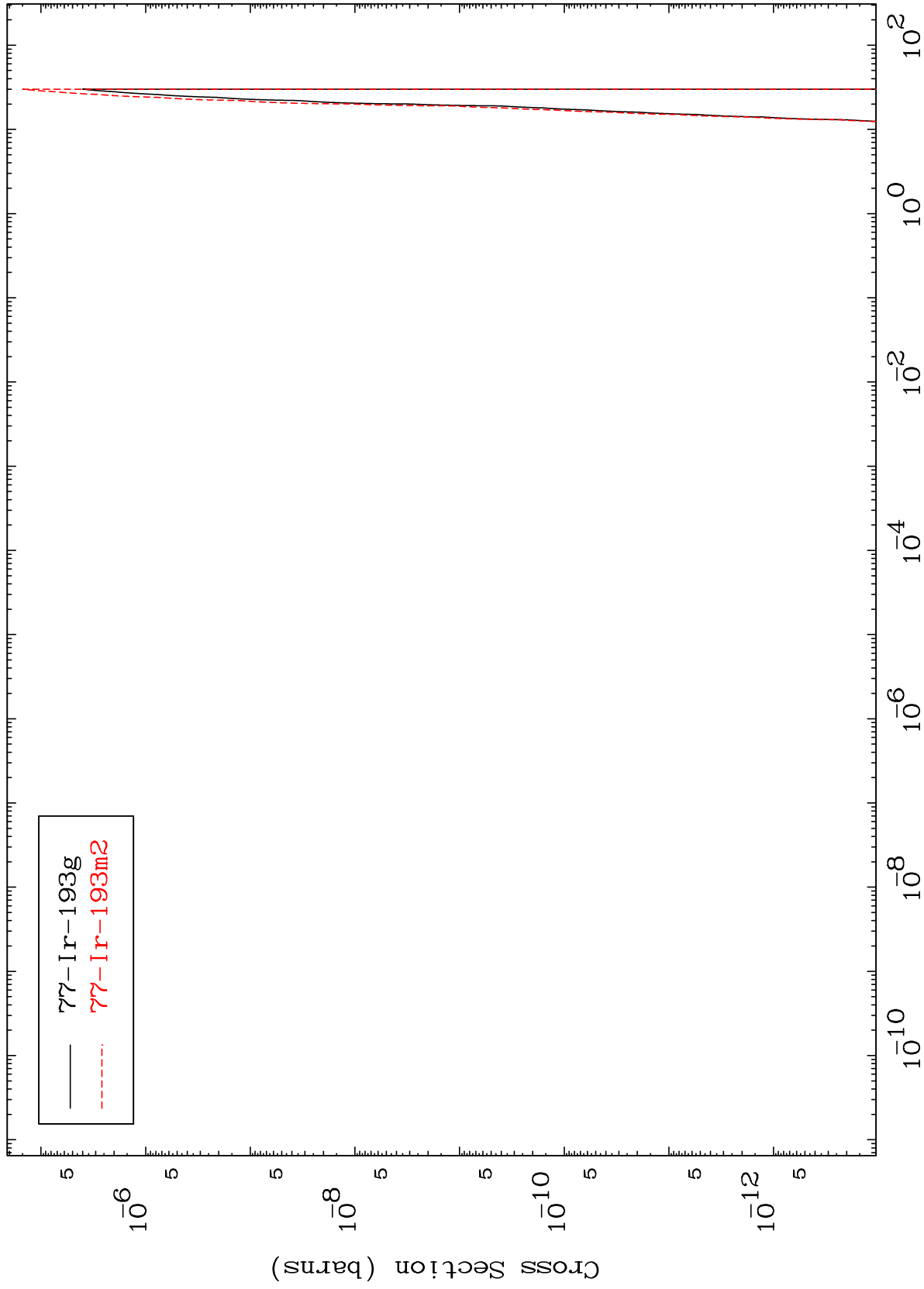
⁷⁷Ir-192

MAT 7730

(He-3,2p)

⁷⁷Ir-192

Radionuclide Production Cross Section



26

Incident Energy (MeV)

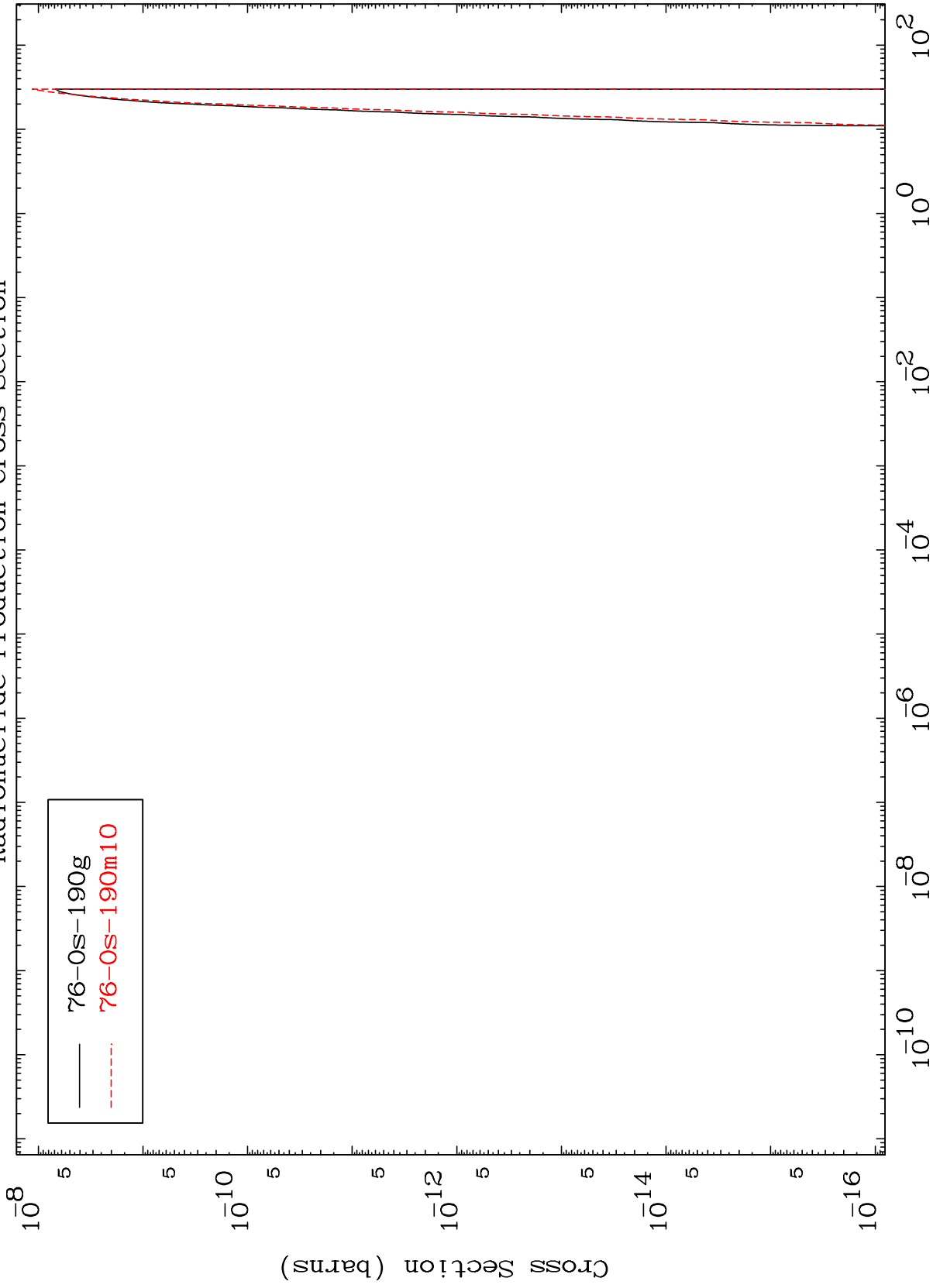
⁷⁷Ir-192

MAT 7730

(He-3,p) α

77-Ir-192

Radionuclide Production Cross Section



27

Incident Energy (MeV)

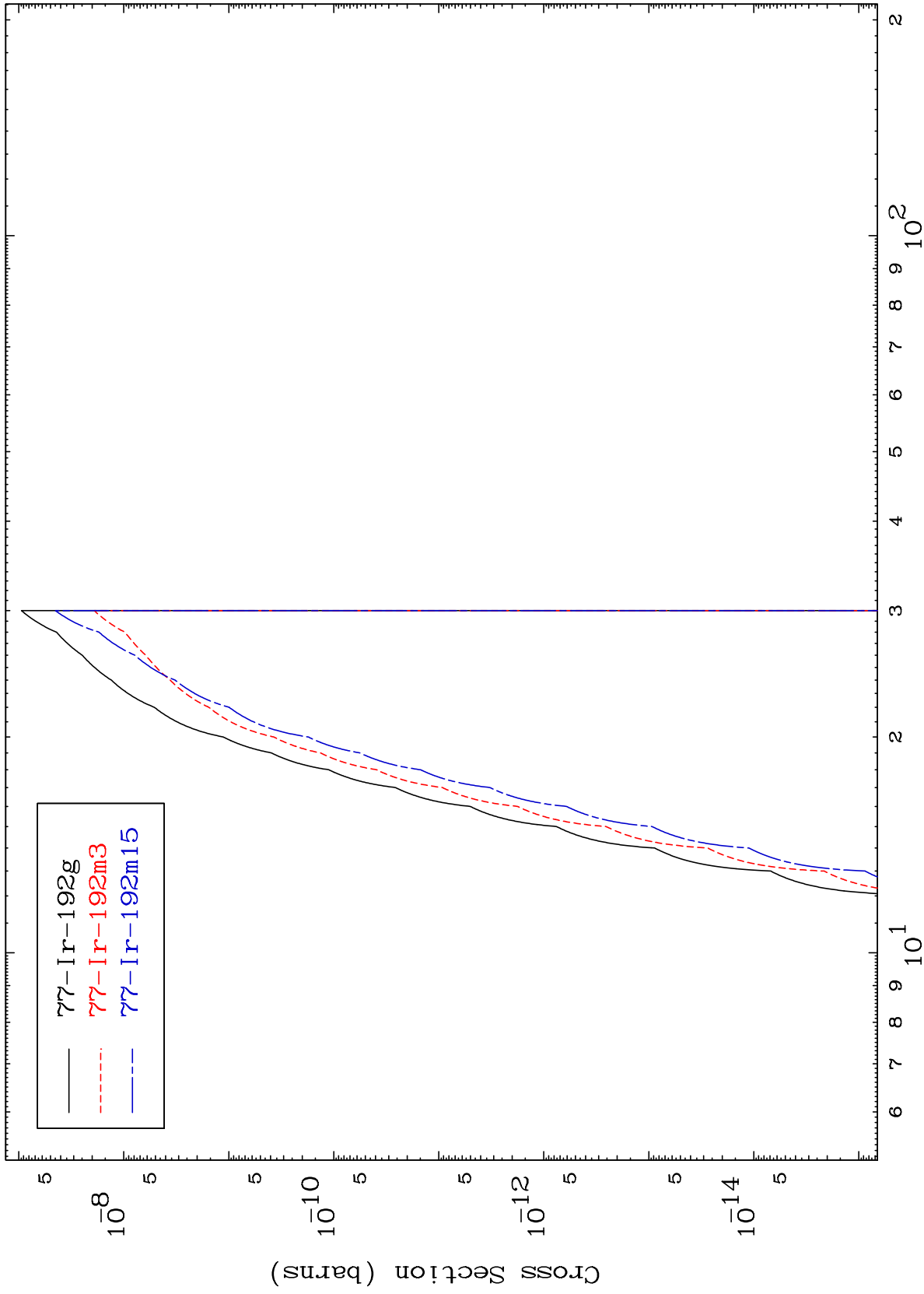
77-Ir-192

MAT 7730

(He-3,p) d

⁷⁷Ir-¹⁹²

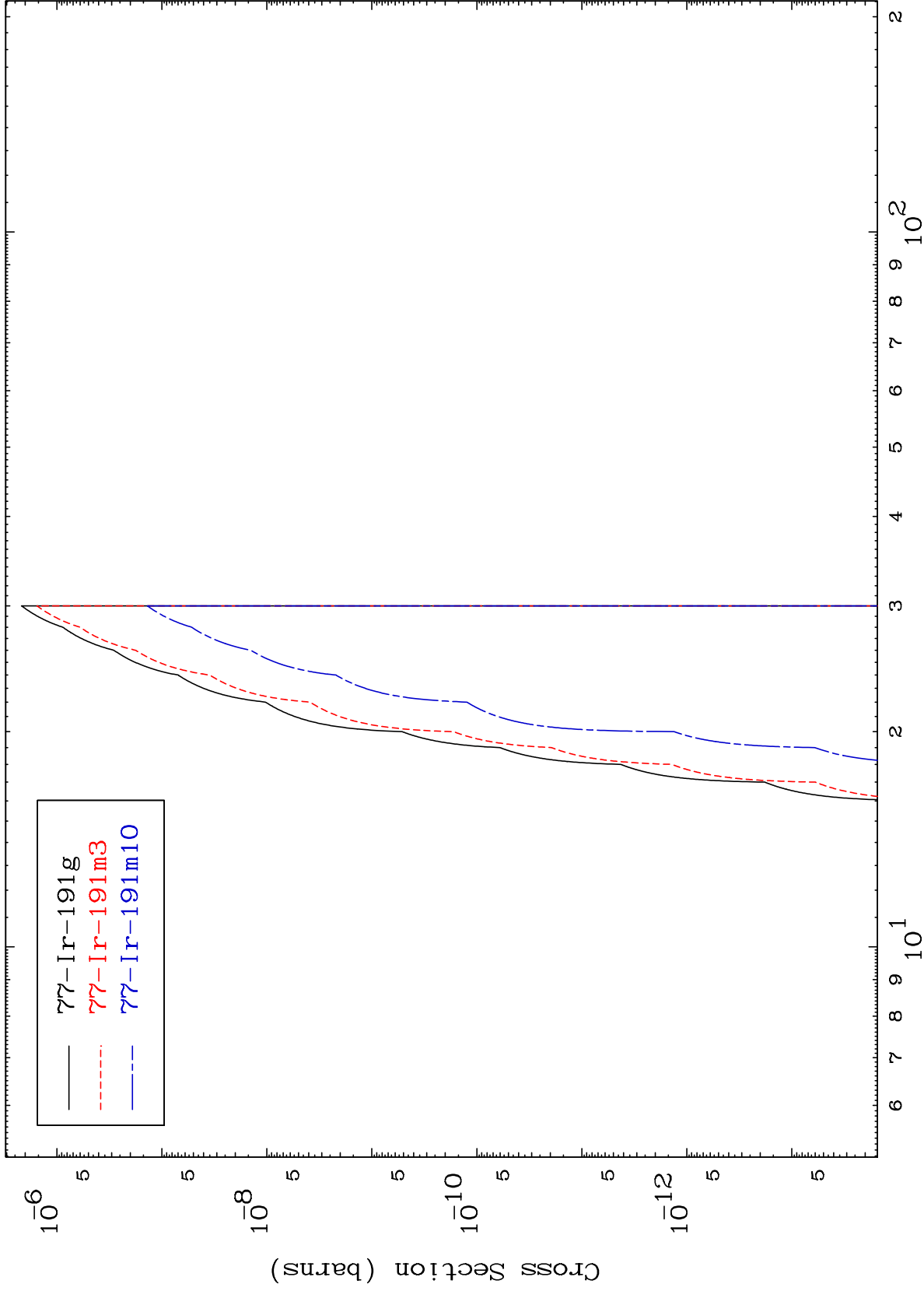
Radionuclide Production Cross Section



28

Incident Energy (MeV)

⁷⁷Ir-¹⁹²

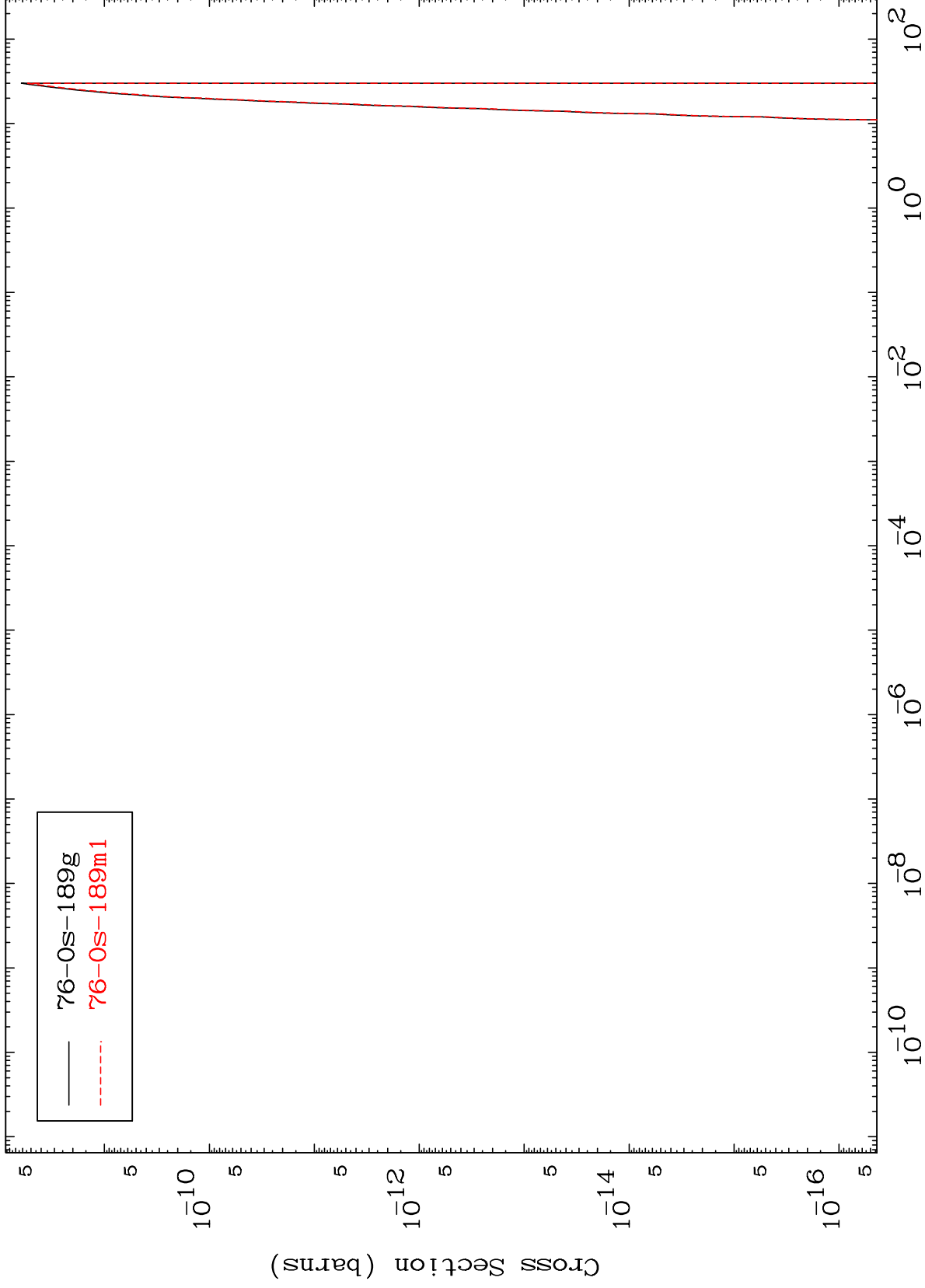


MAT 7730

(He-3,d) α

77-Ir-192

Radionuclide Production Cross Section



30

Incident Energy (MeV)

77-Ir-192