

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

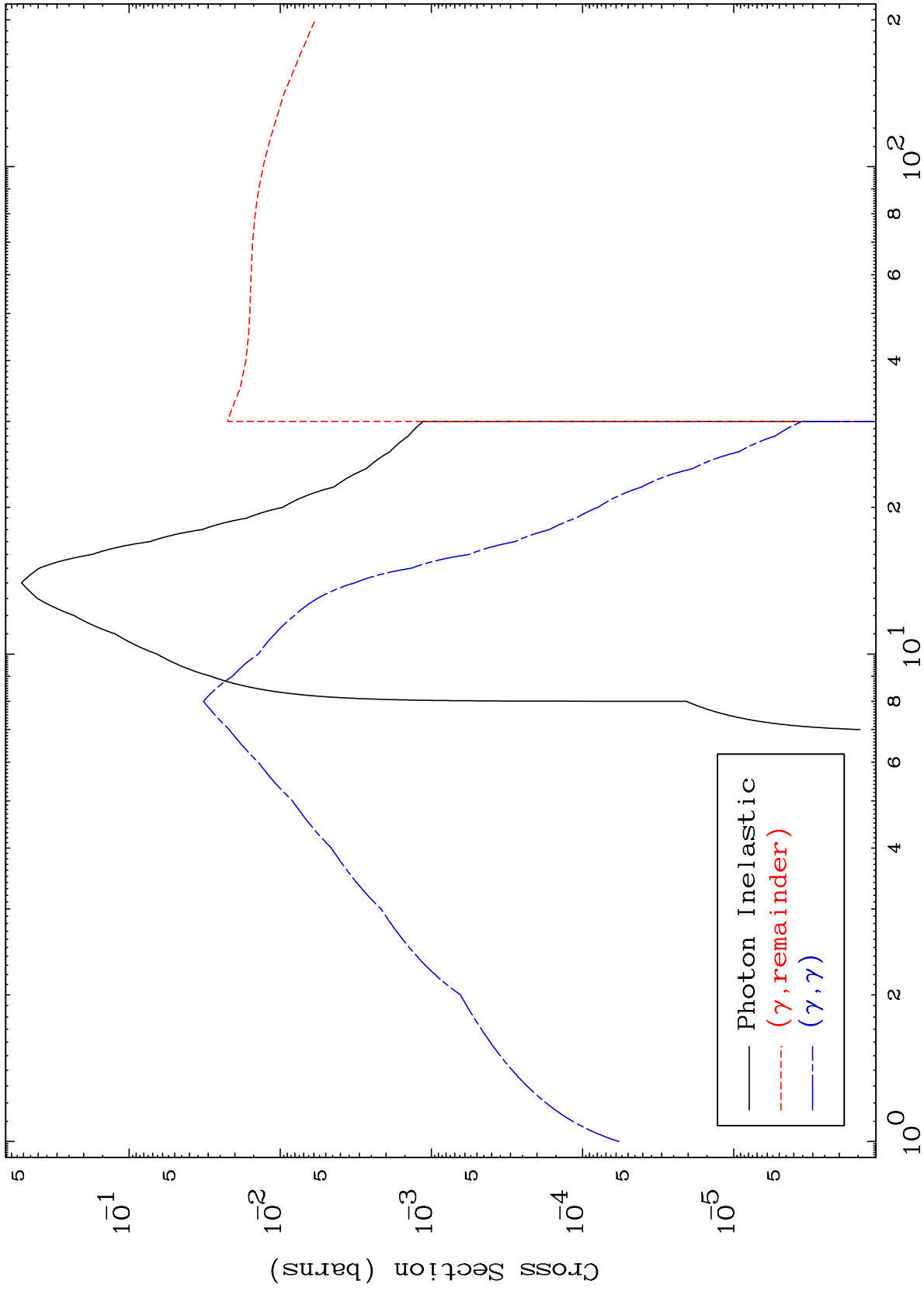
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7730

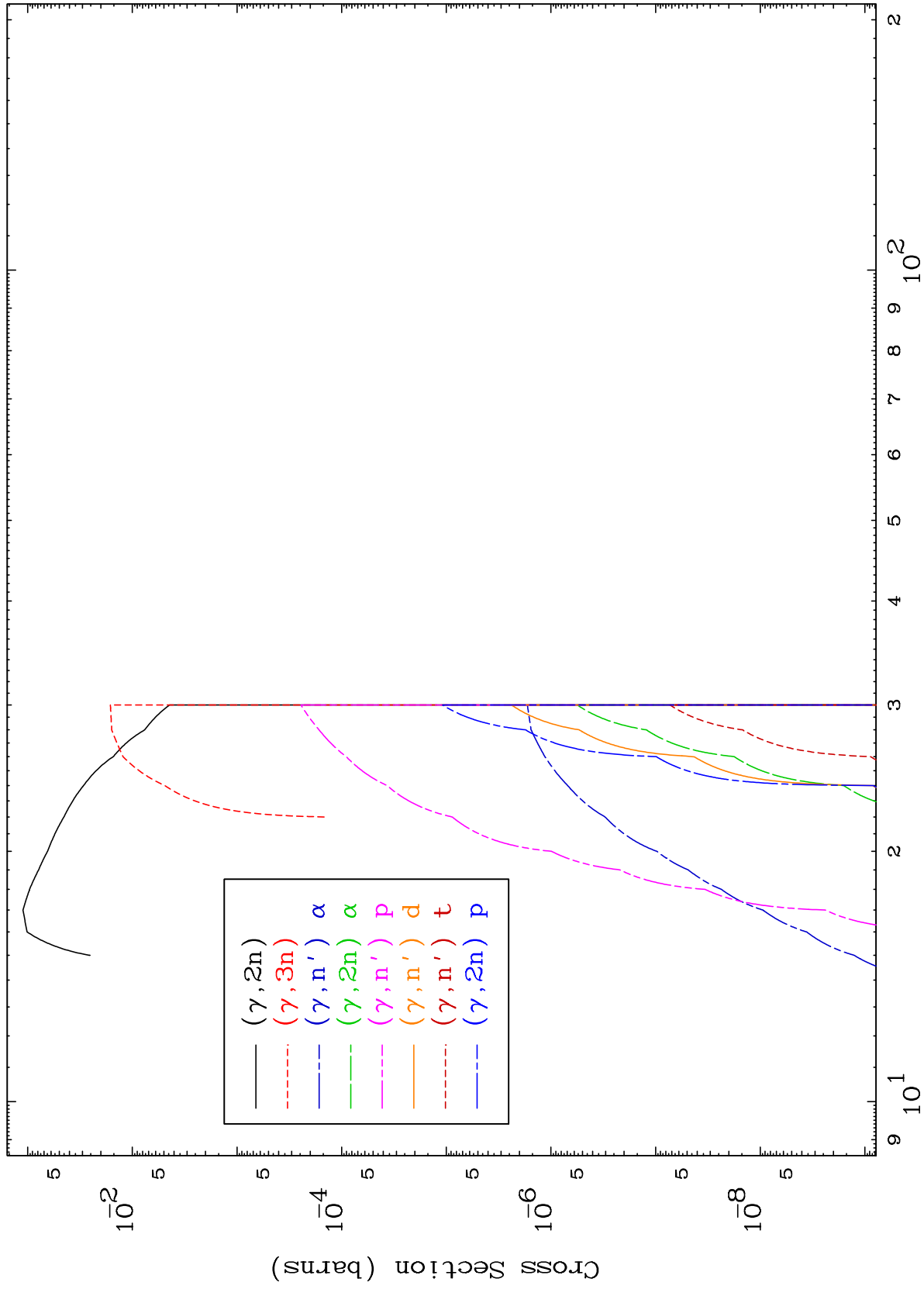
Photon Major  
0 Kelvin Cross Sections

77-Ir-192



Incident Energy (MeV)

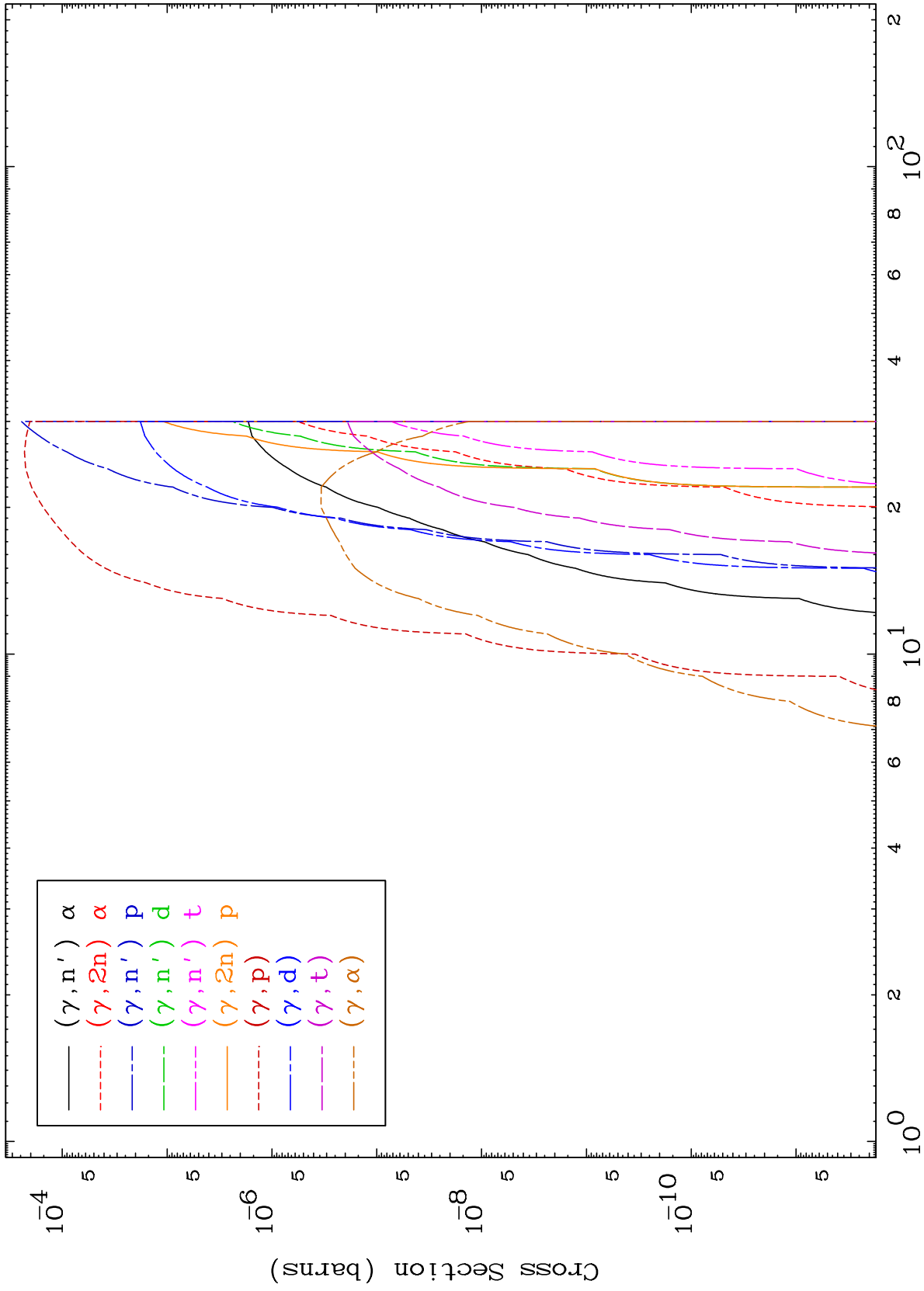
77-Ir-192



MAT 7730

Photon Charged Particle  
0 Kelvin Cross Sections

77-Ir-192



3

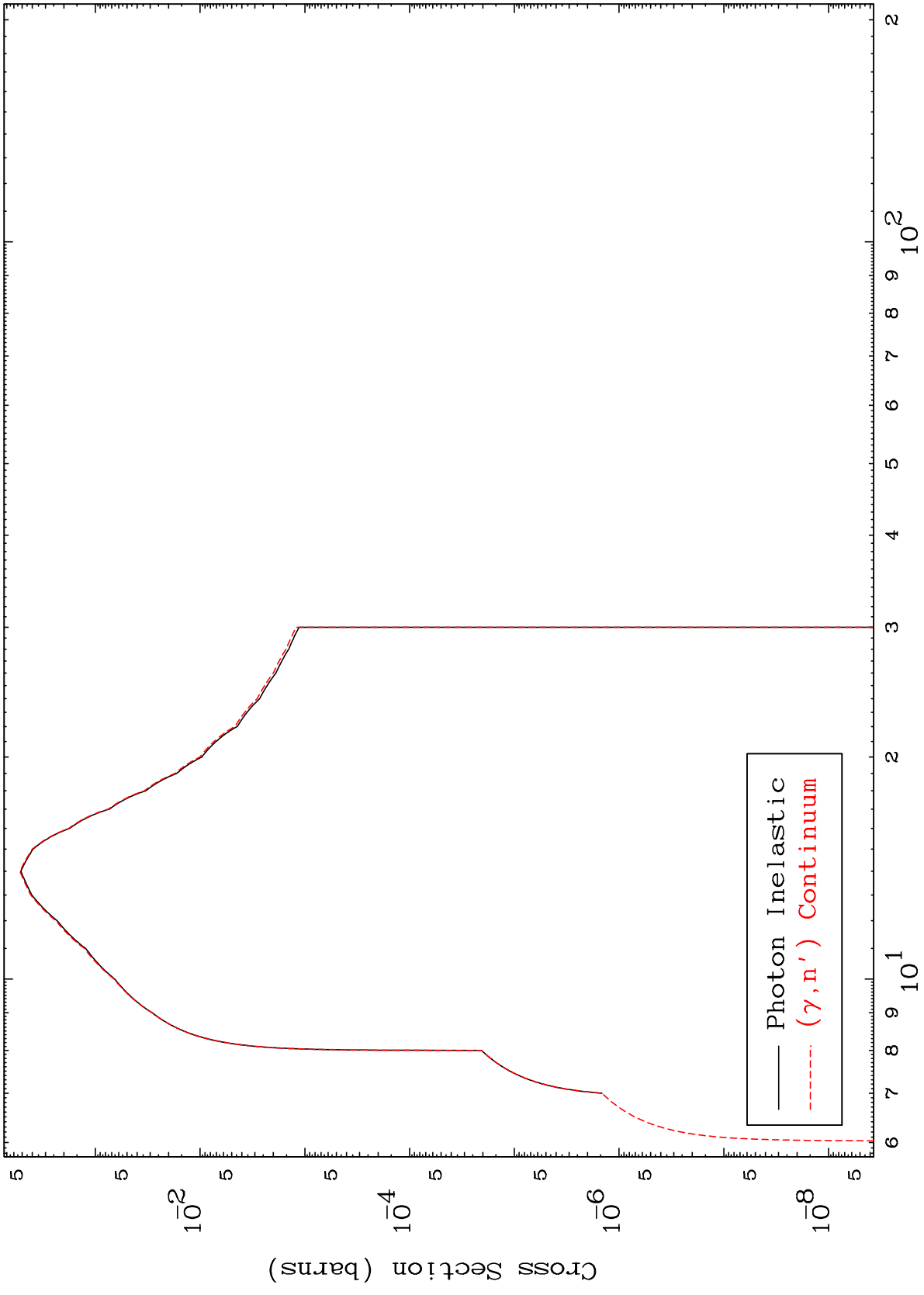
Incident Energy (MeV)

77-Ir-192

MAT 7730

( $\gamma, n'$ ) Level  
0 Kelvin Cross Sections

77-Ir-192



4

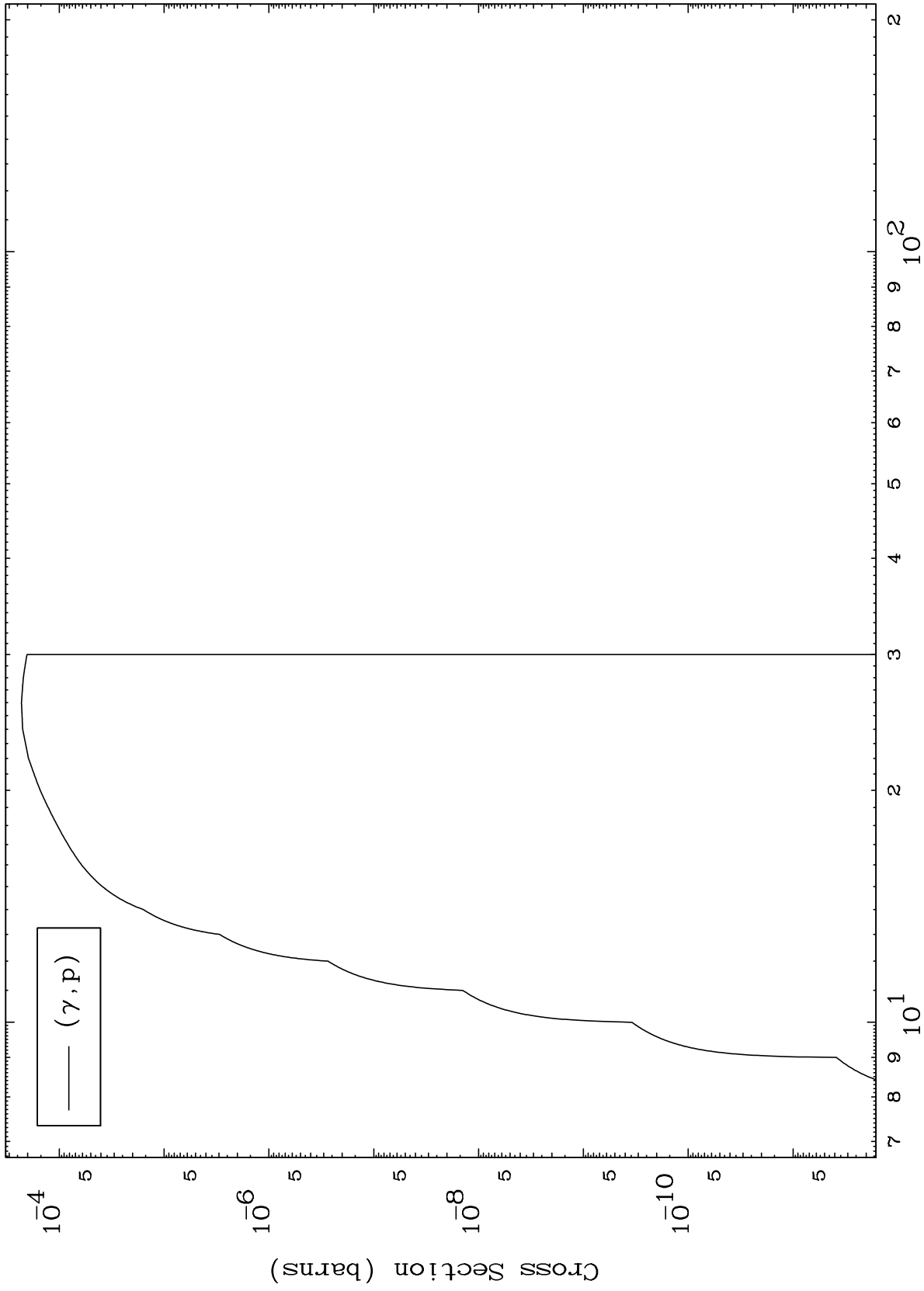
Incident Energy (MeV)

77-Ir-192

MAT 7730

( $\gamma, p$ ) Levels  
0 Kelvin Cross Sections

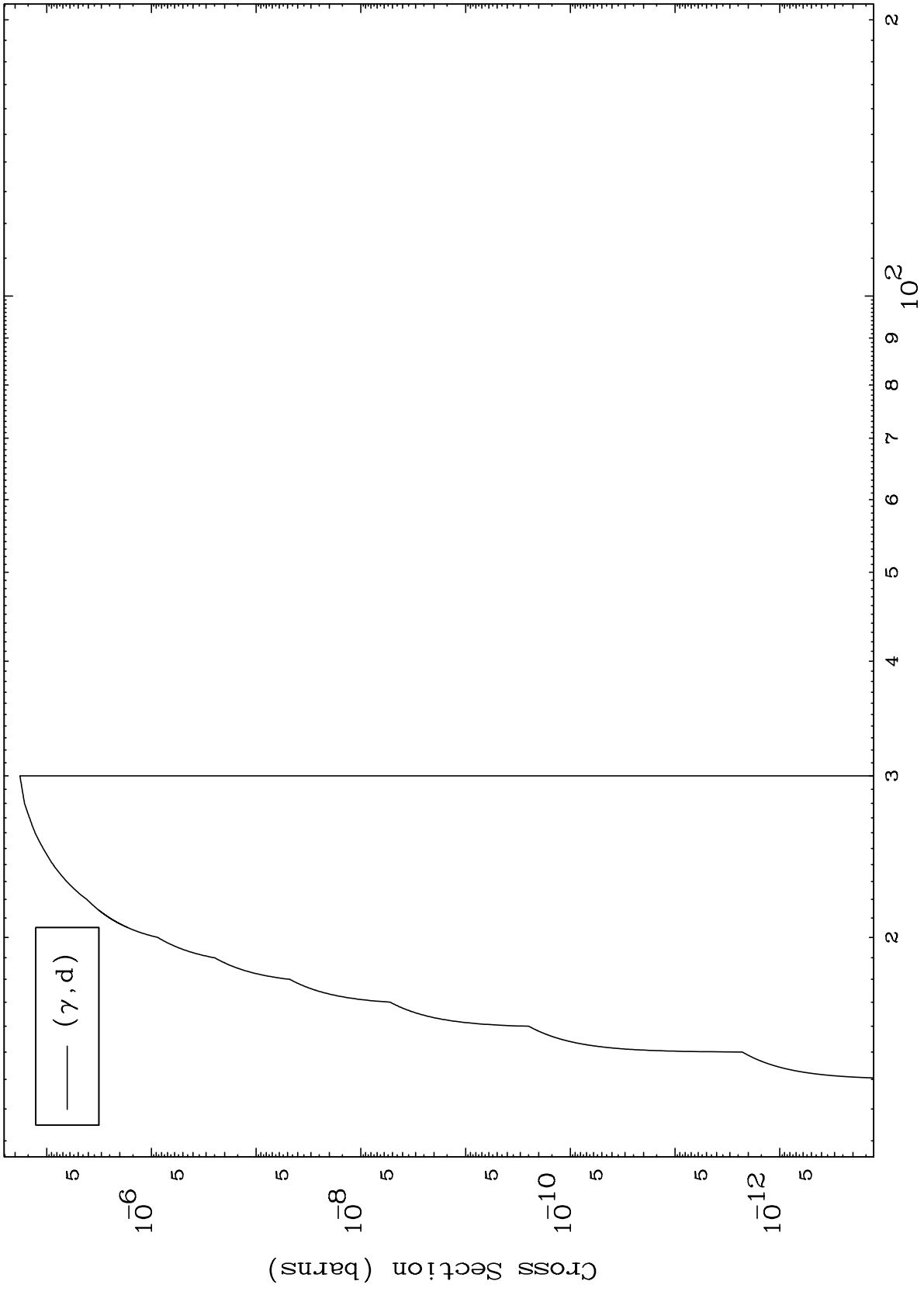
77-Ir-192



5

Incident Energy (MeV)

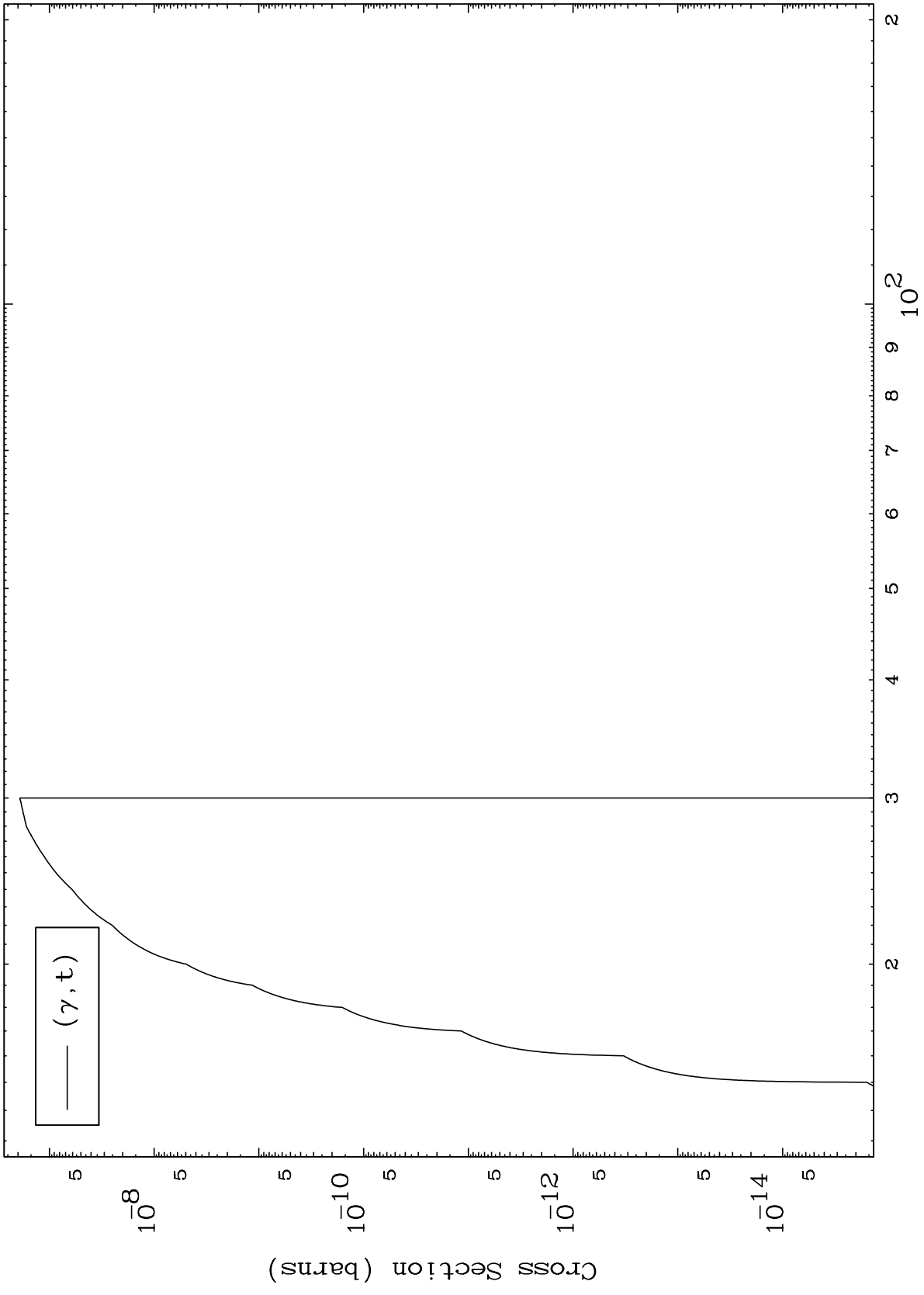
77-Ir-192



MAT 7730

( $\gamma, t$ ) Levels  
0 Kelvin Cross Sections

77-Ir-192



7

Incident Energy (MeV)

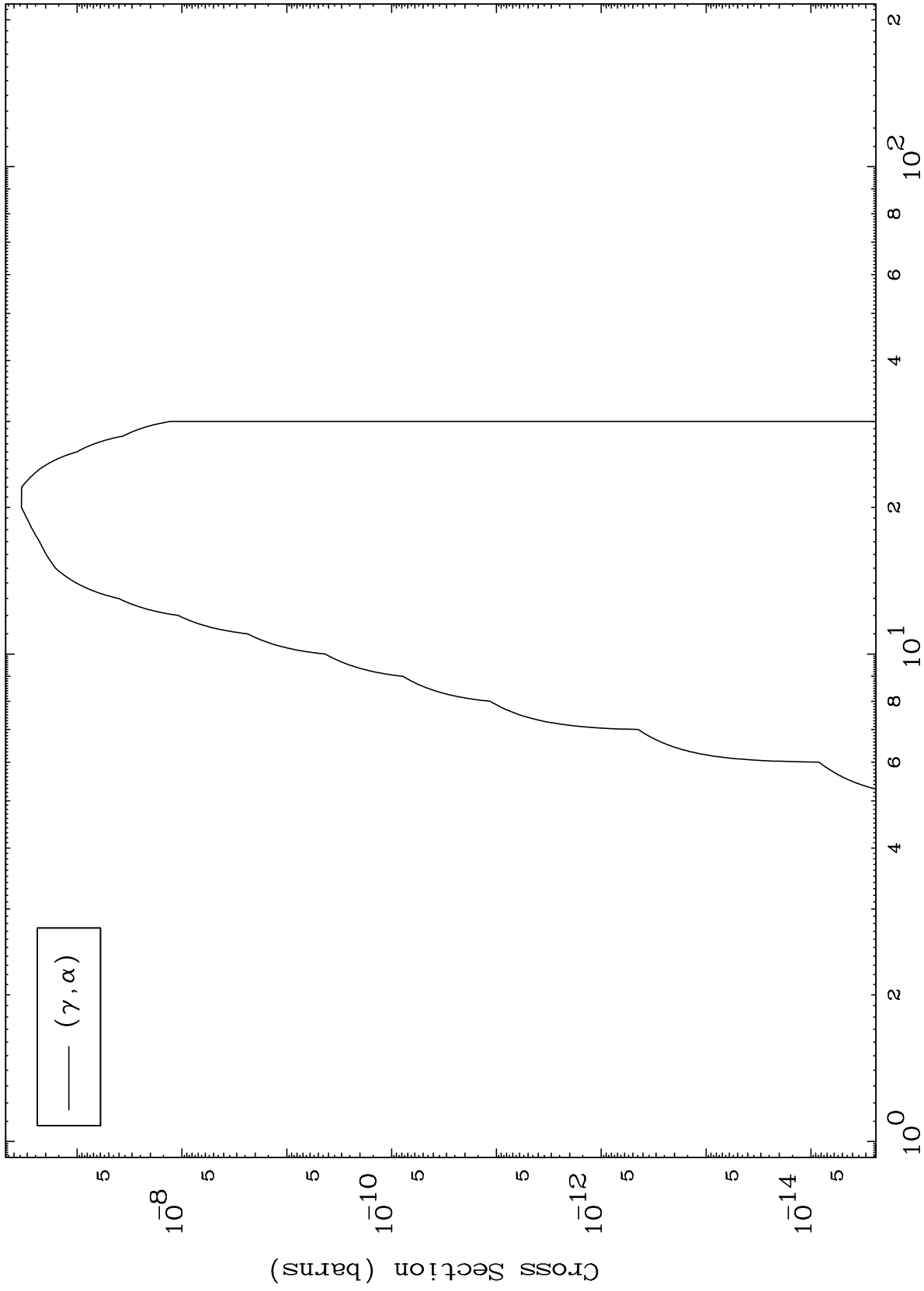
77-Ir-192



MAT 7730

( $\gamma, \alpha$ ) Levels  
0 Kelvin Cross Sections

77-Ir-192



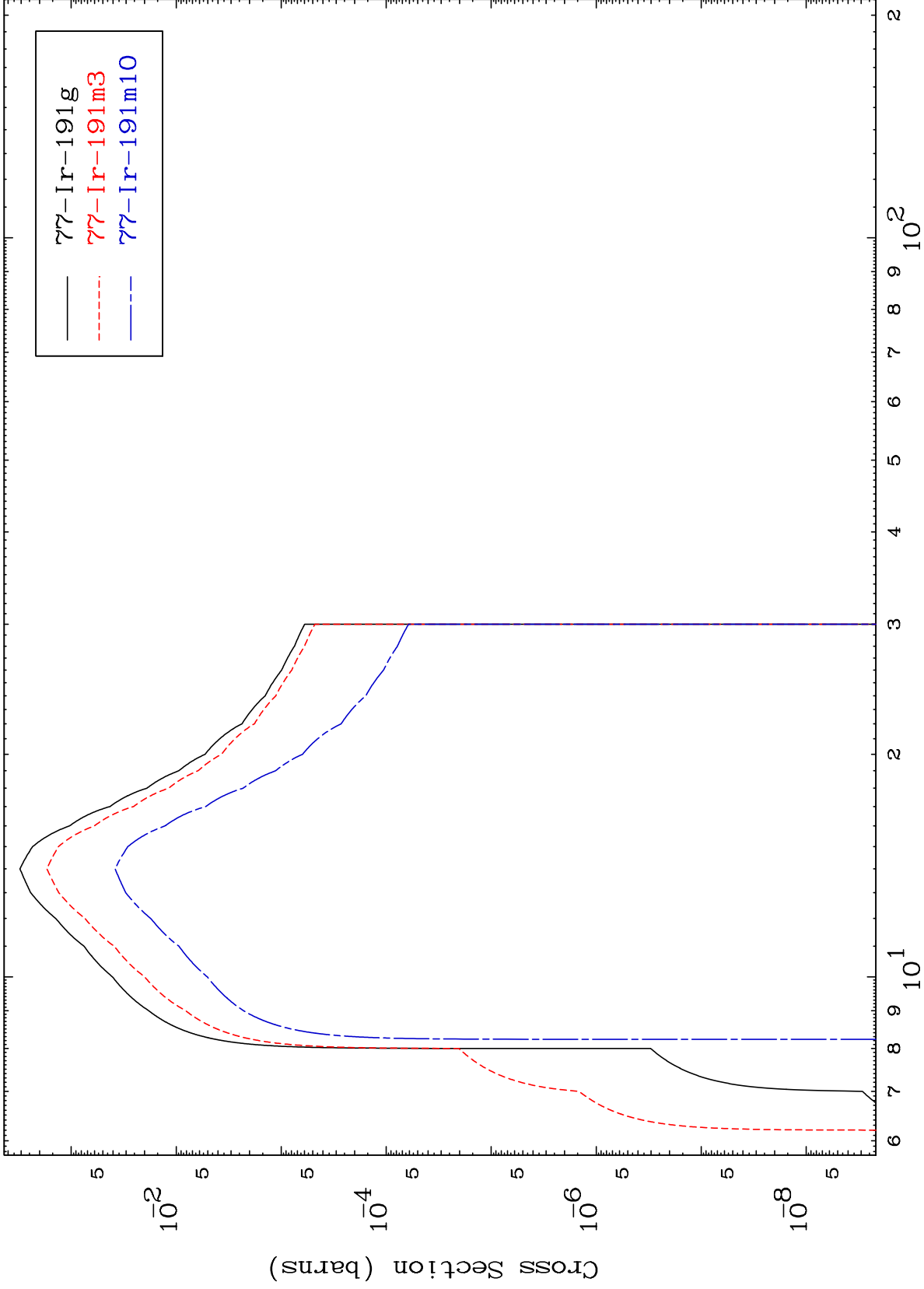
Incident Energy (MeV)

77-Ir-192

MAT 7730

Photon Inelastic  
Radionuclide Production Cross Section

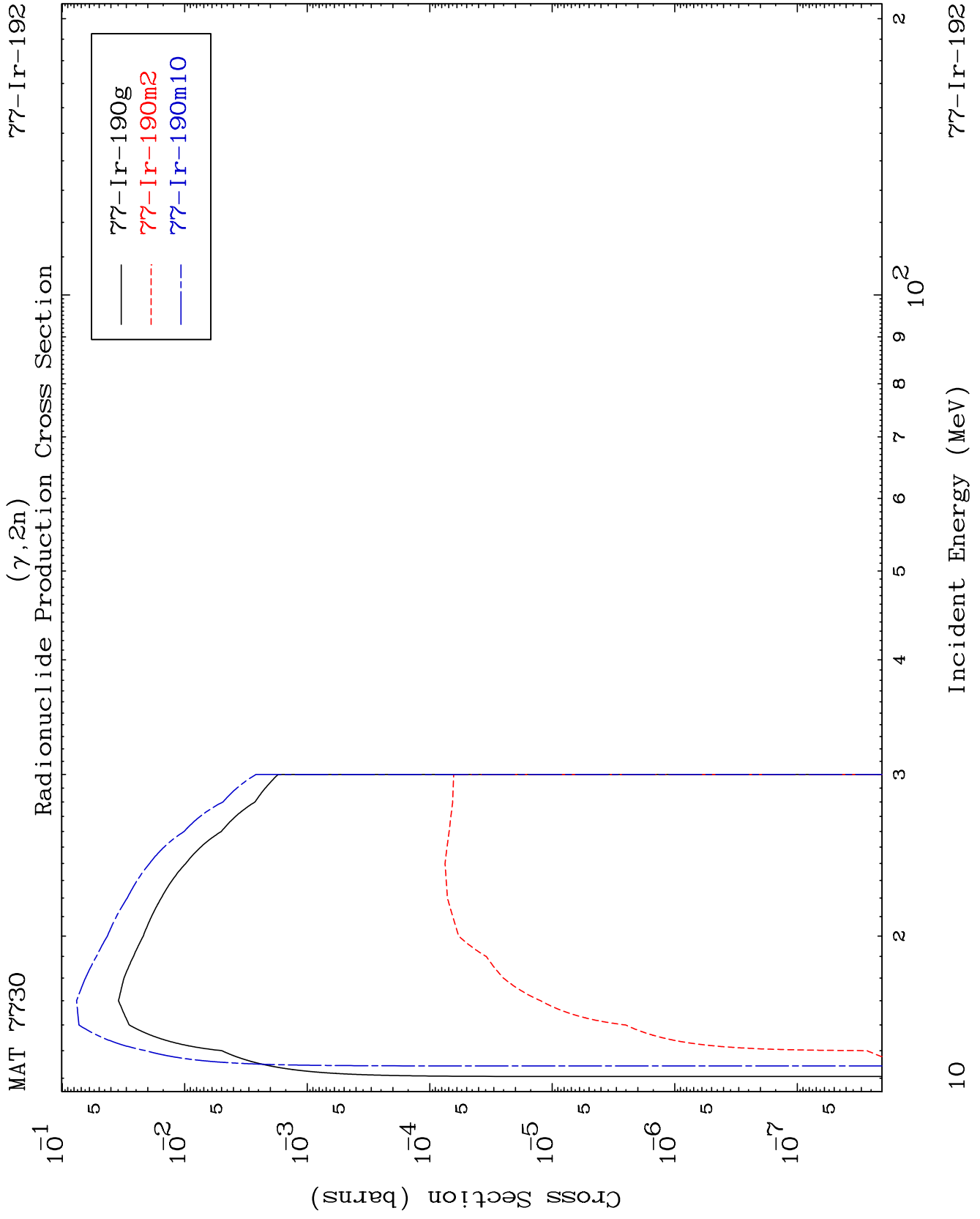
77-Ir-192



9

Incident Energy (MeV)

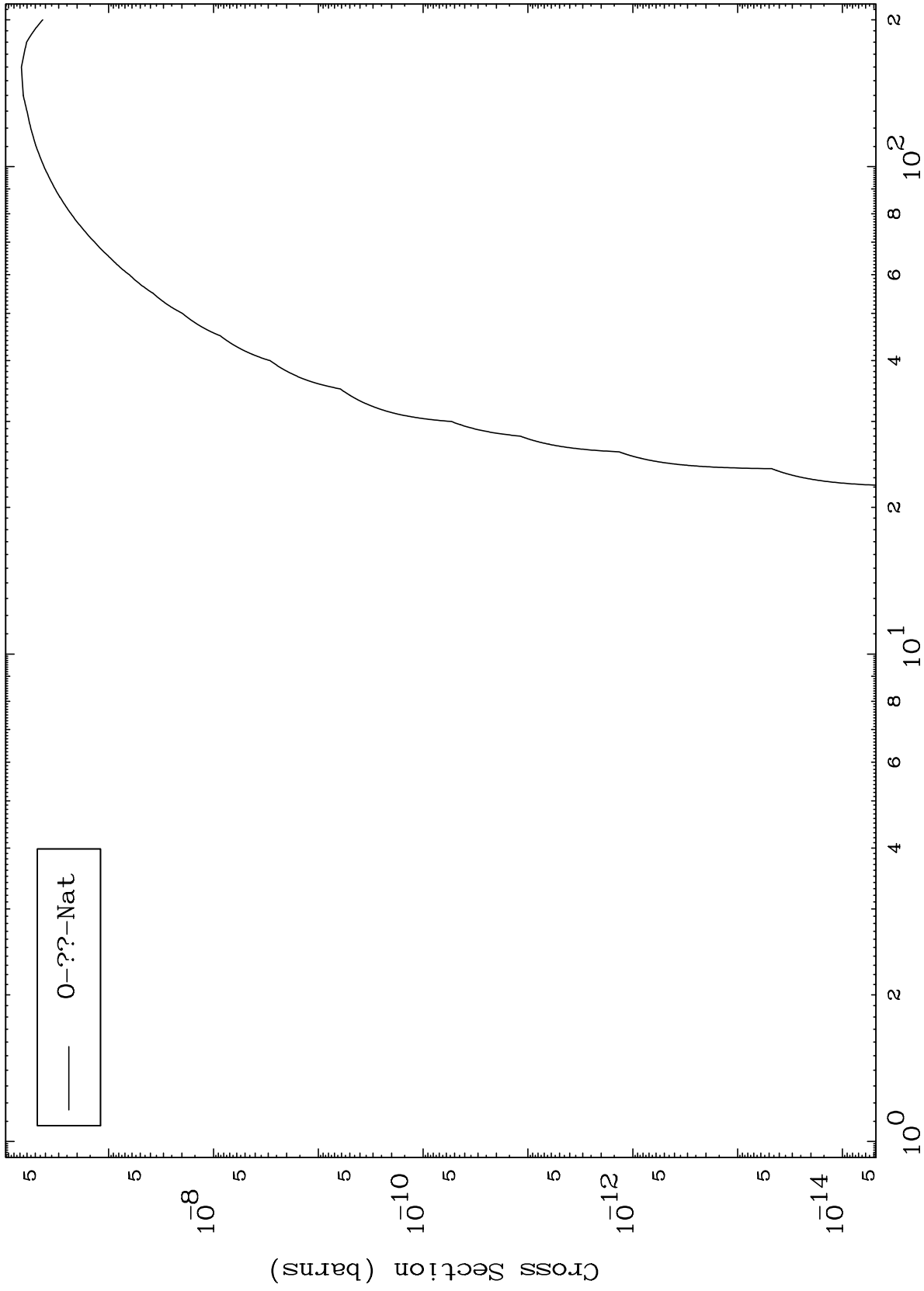
77-Ir-192



MAT 7730

Photon Fission  
Radionuclide Production Cross Section

77-Ir-192



11

Incident Energy (MeV)

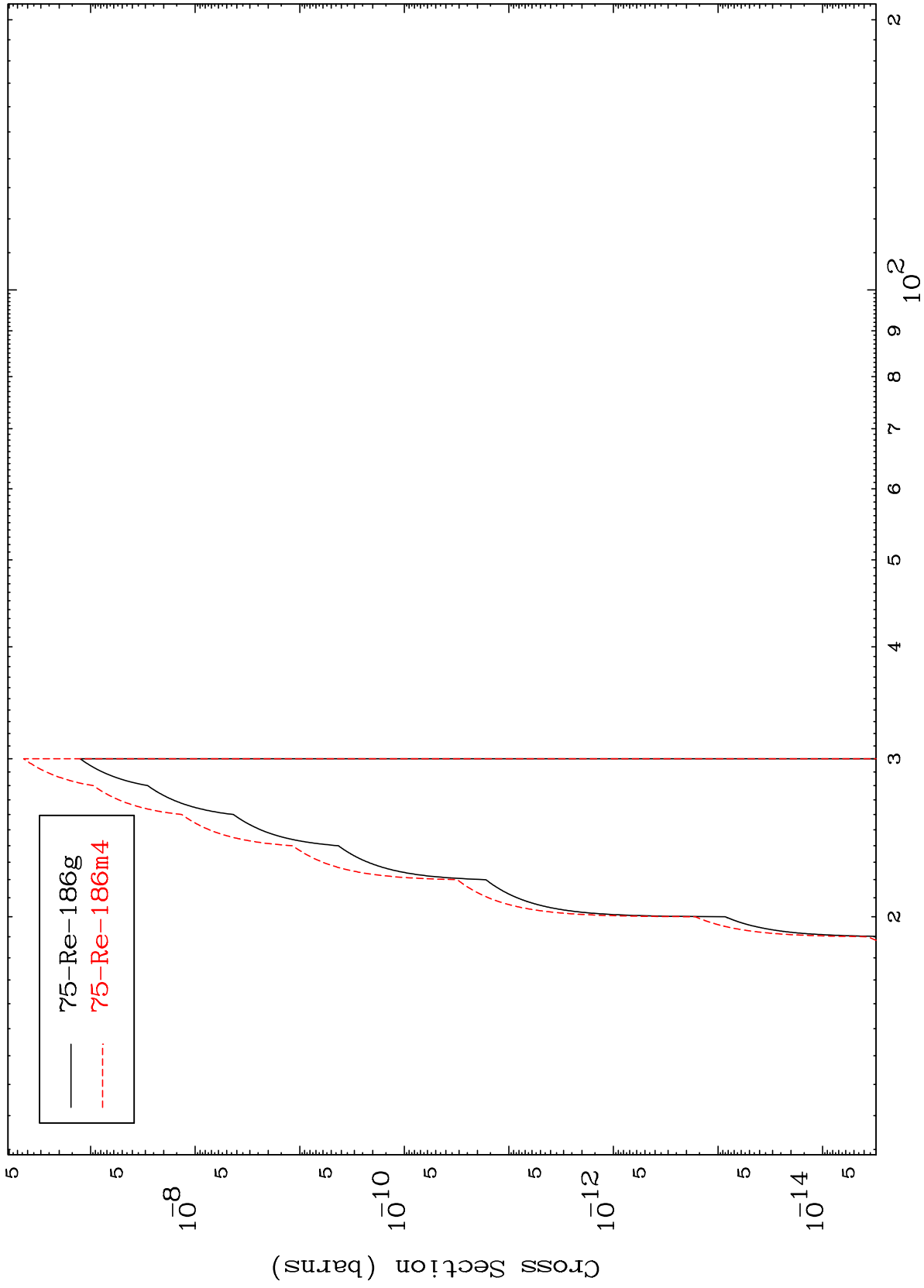
77-Ir-192

MAT 7730

$(\gamma, 2n) \alpha$

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

Radionuclide Production Cross Section



12

Incident Energy (MeV)

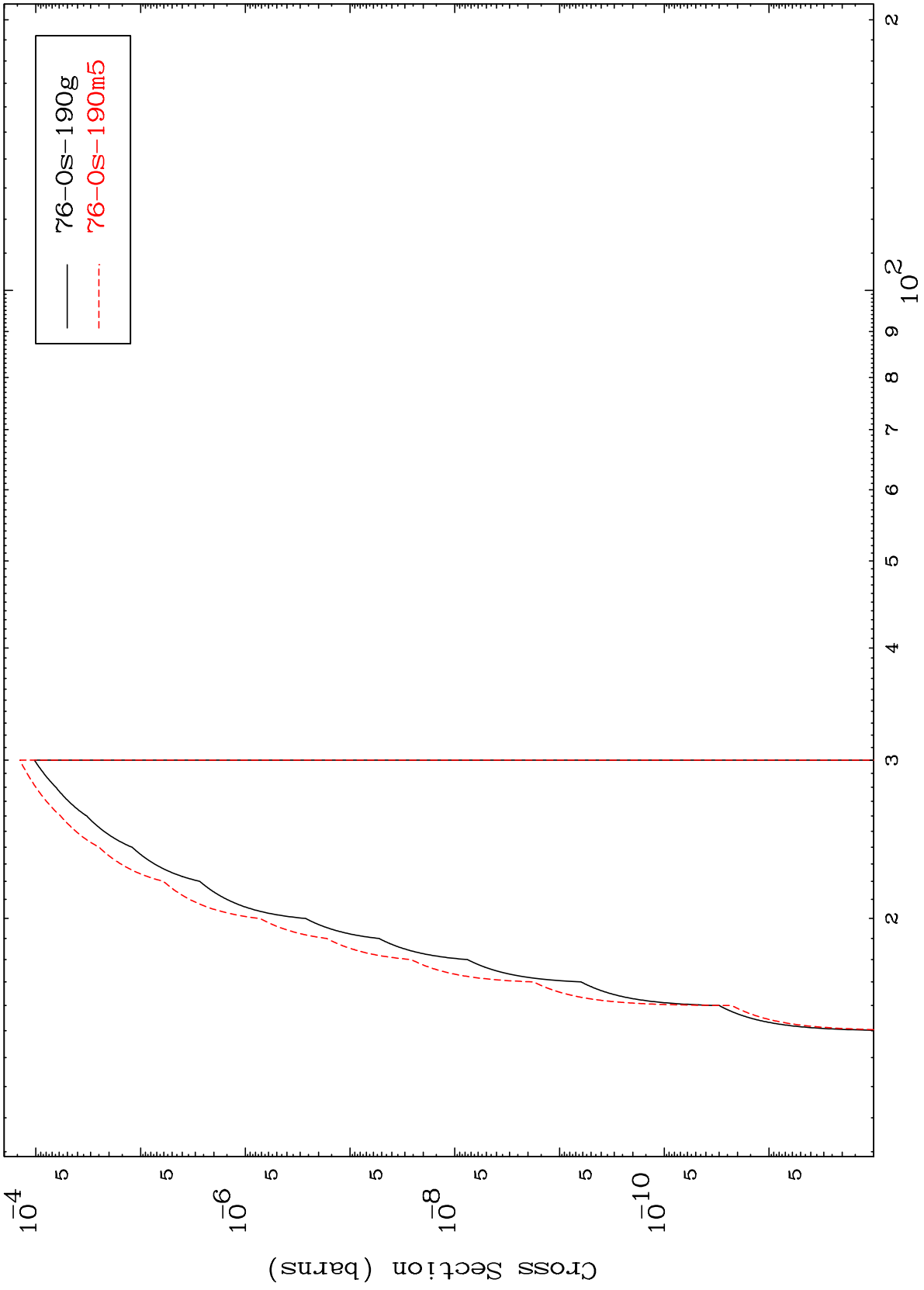
$^{77}\text{Ir-192}$

MAT 7730

$(\gamma, n')$  p

77-Ir-192

Radionuclide Production Cross Section



13

Incident Energy (MeV)

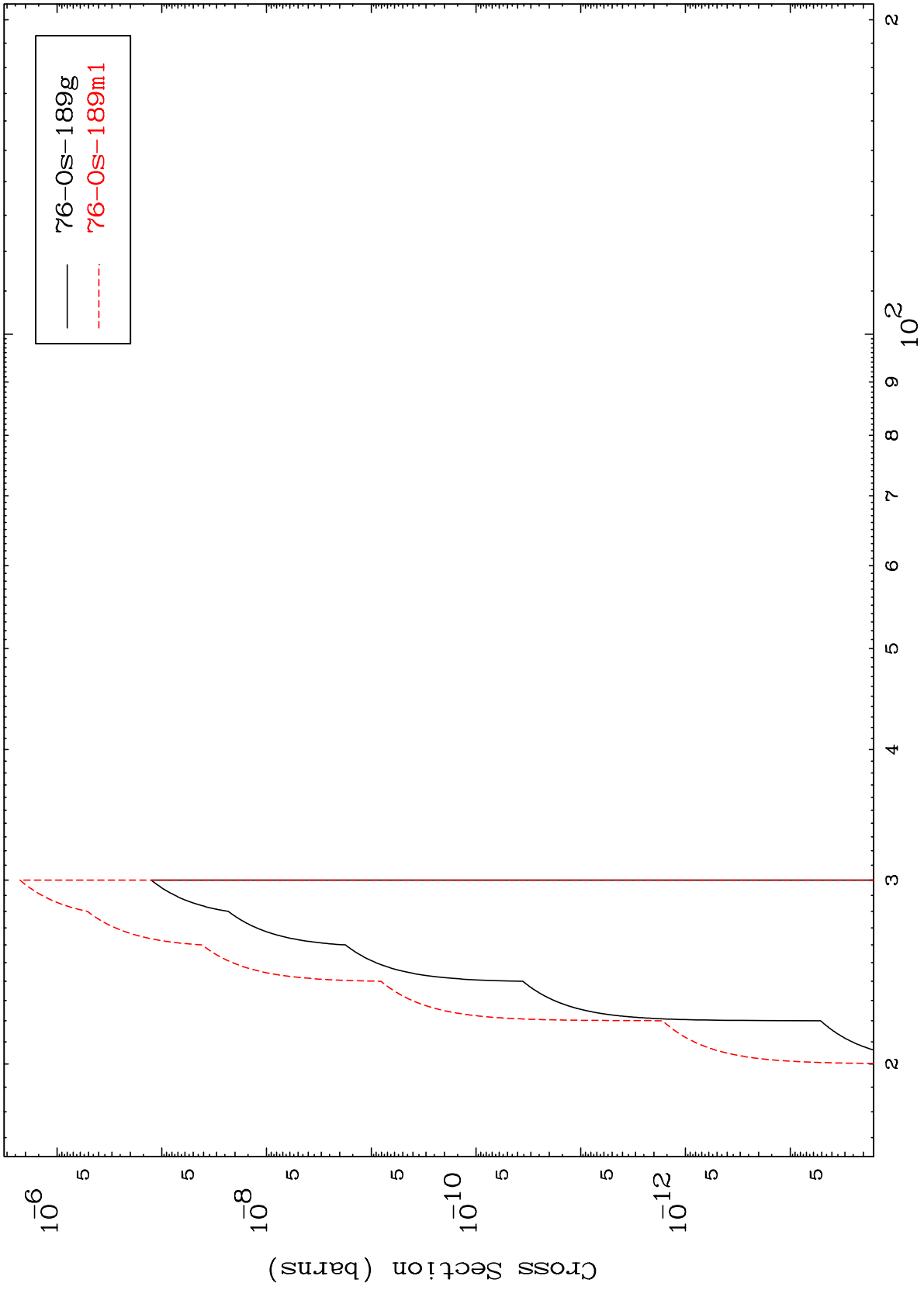
77-Ir-192

MAT 7730

( $\gamma, n'$ ) d

77-Ir-192

Radionuclide Production Cross Section



14

Incident Energy (MeV)

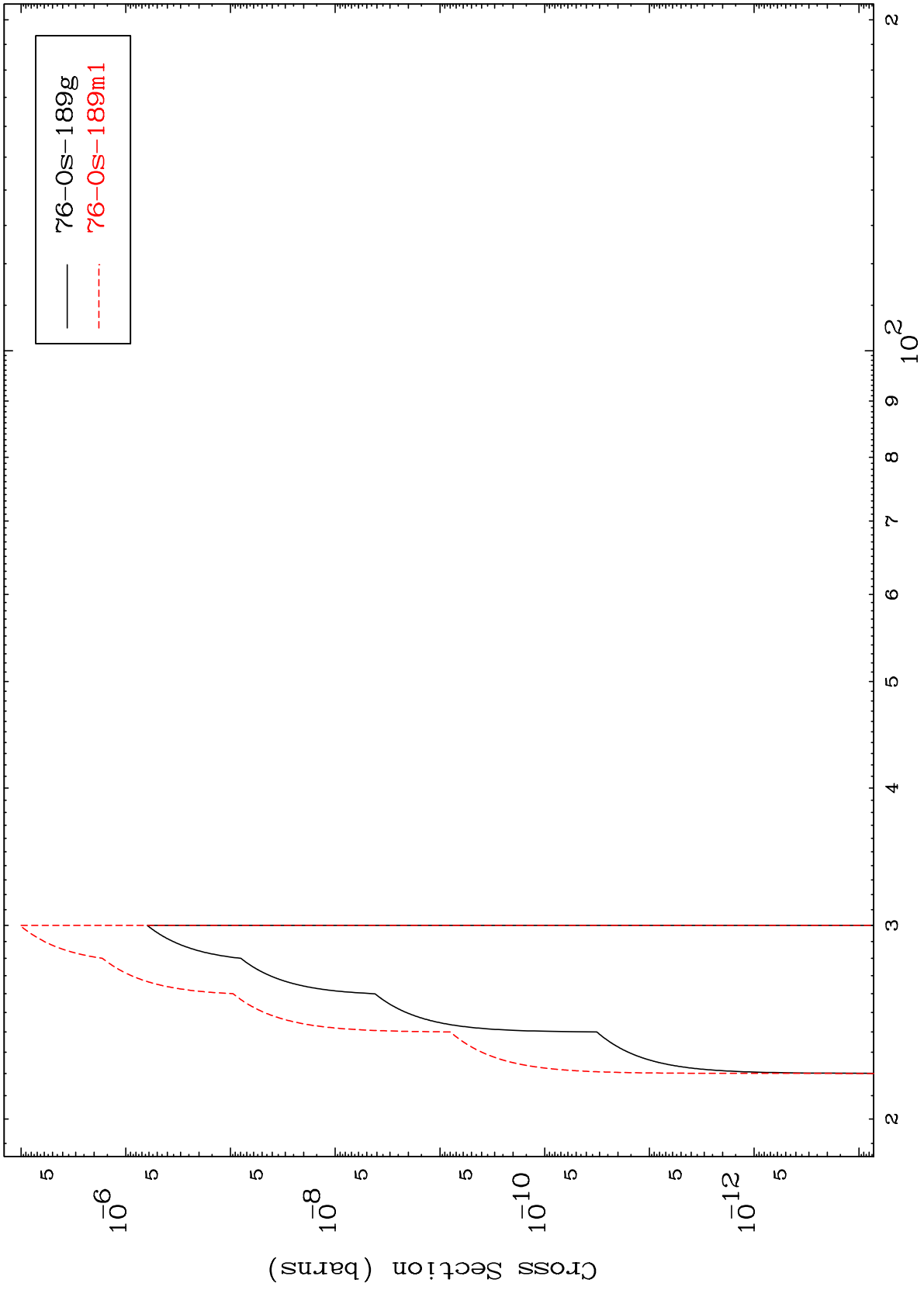
77-Ir-192

MAT 7730

( $\gamma, 2n$ ) p

77-Ir-192

Radionuclide Production Cross Section



15

Incident Energy (MeV)

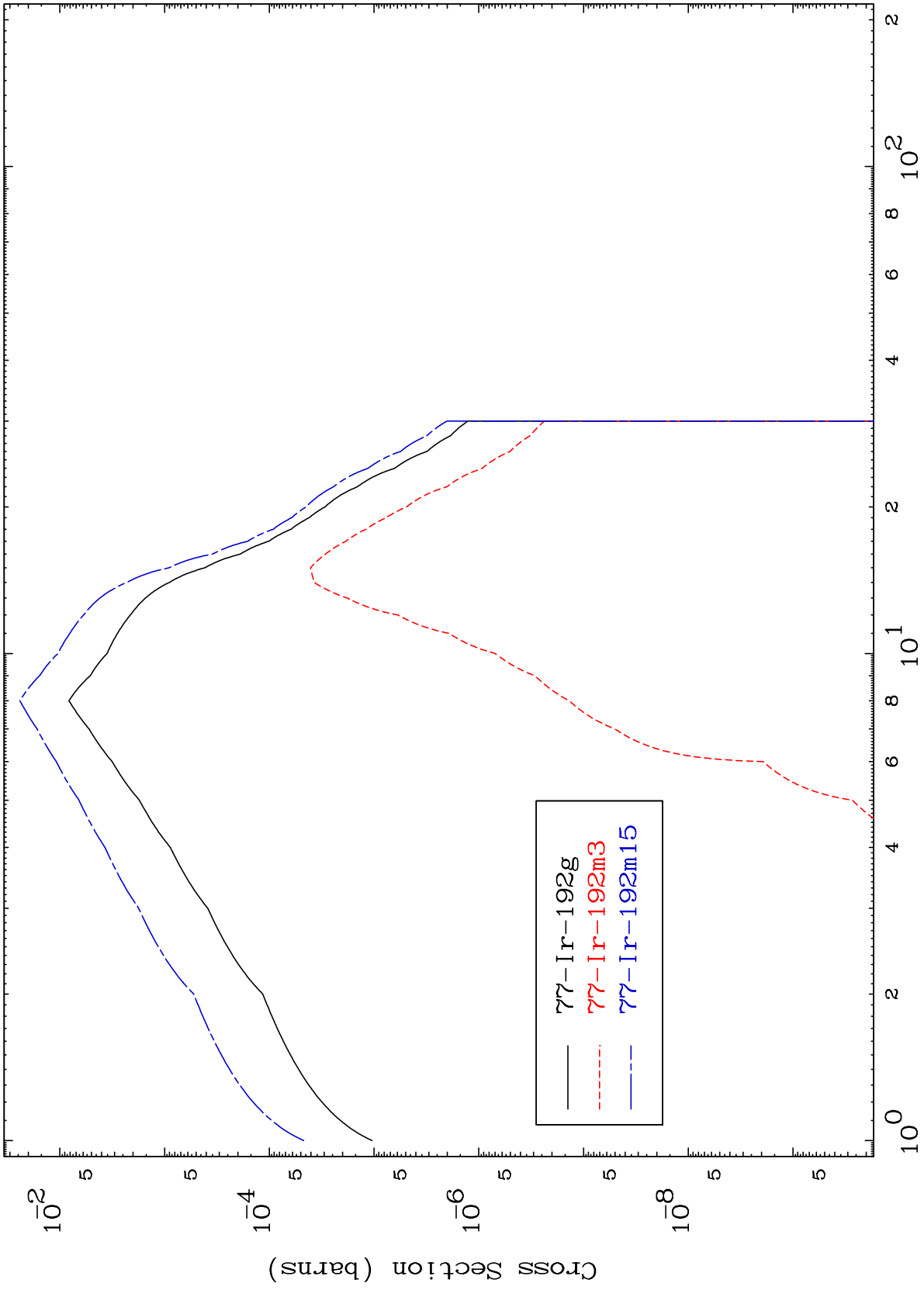
77-Ir-192



MAT 7730

Radionuclide Production Cross Section  
( $\gamma, \gamma$ )

<sup>77</sup>Ir-192



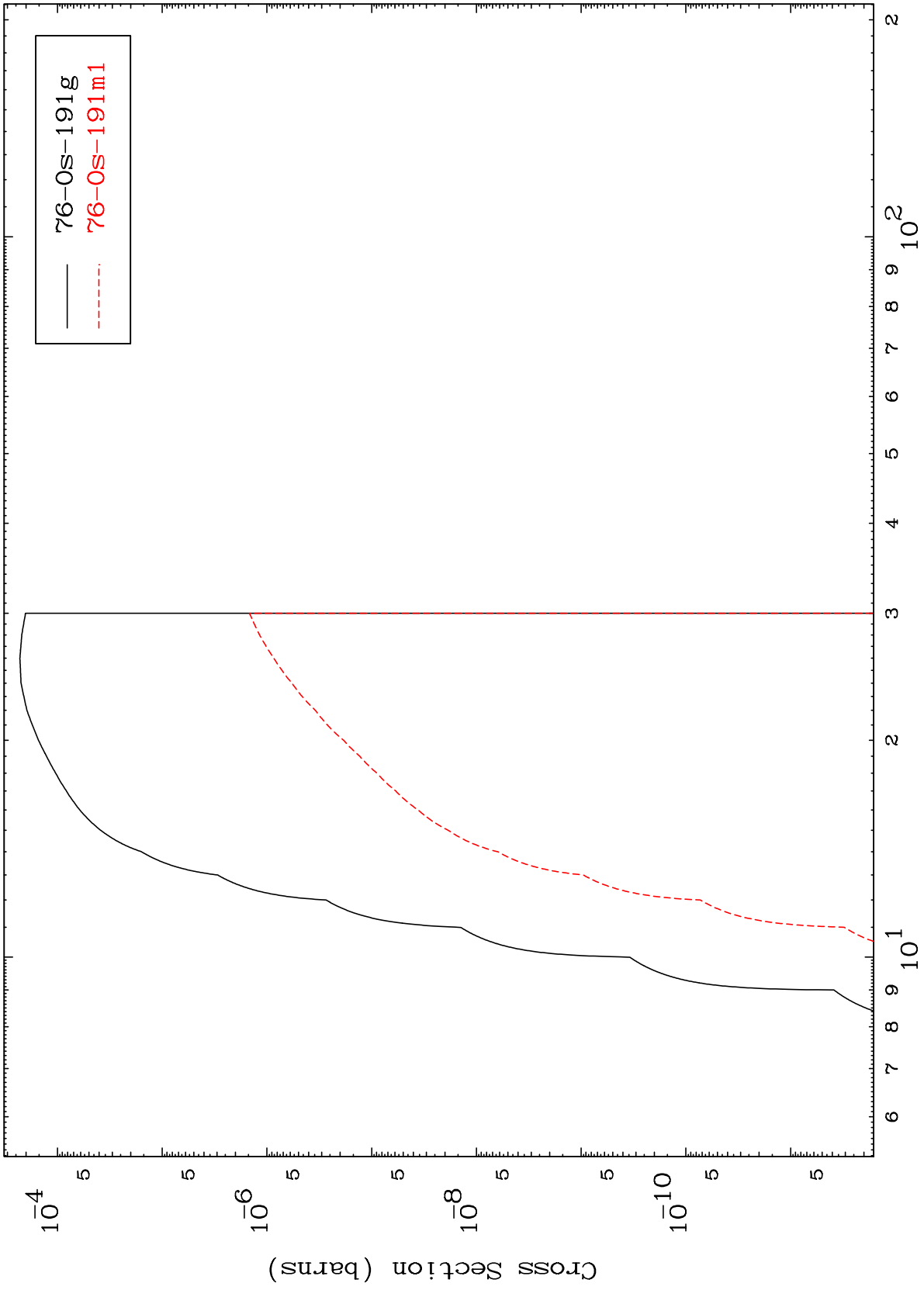
Incident Energy (MeV)

<sup>77</sup>Ir-192

MAT 7730

77-Ir-192

Radionuclide Production Cross Section  
( $\gamma, p$ )



17

Incident Energy (MeV)

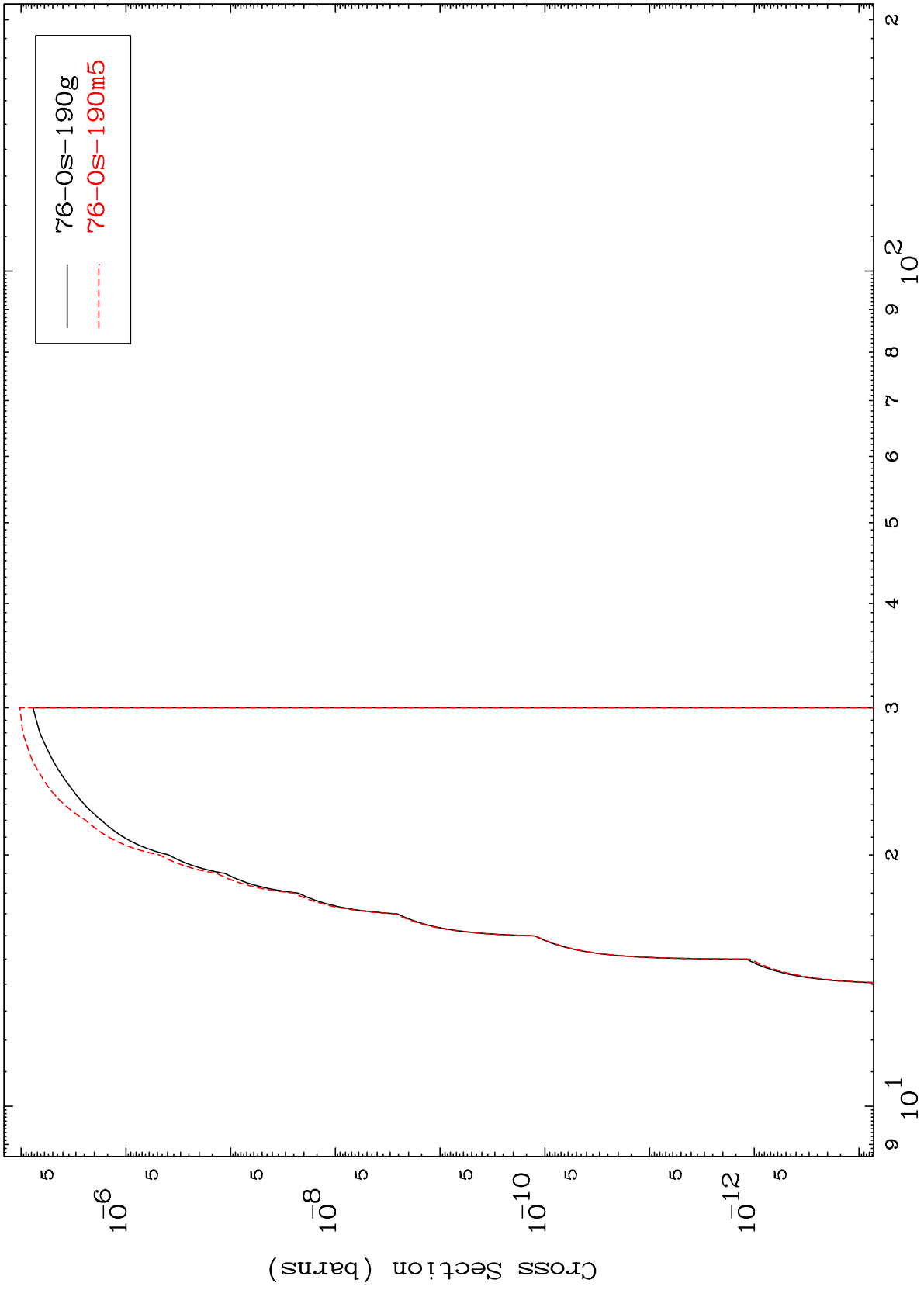
77-Ir-192

MAT 7730

( $\gamma, d$ )

77-Ir-192

Radionuclide Production Cross Section

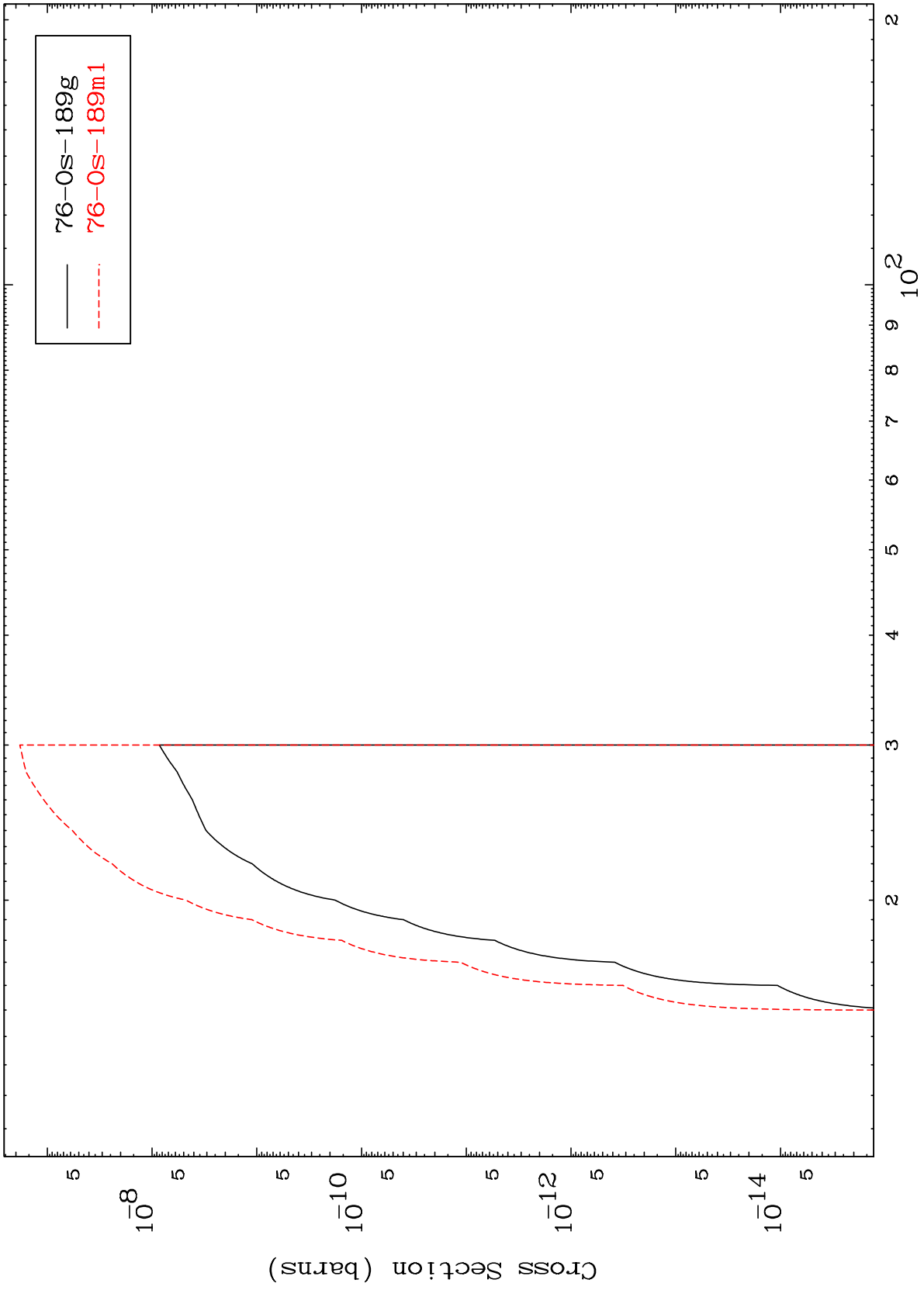


18

Incident Energy (MeV)

77-Ir-192

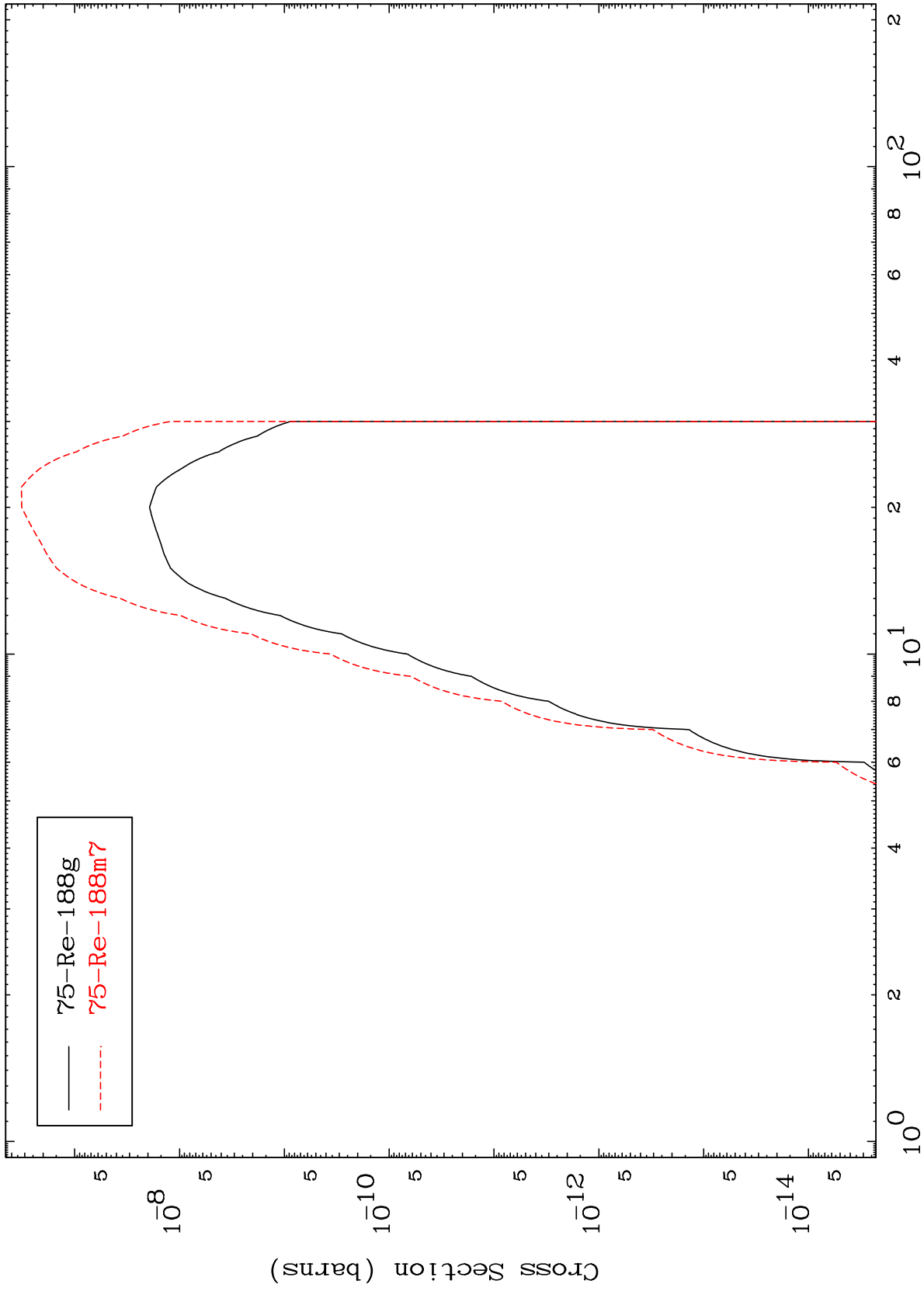
Radionuclide Production Cross Section



MAT 7730

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

77-Ir-192



Incident Energy (MeV)

77-Ir-192