

Program EVALPLOT
(Version 2021-1)

by

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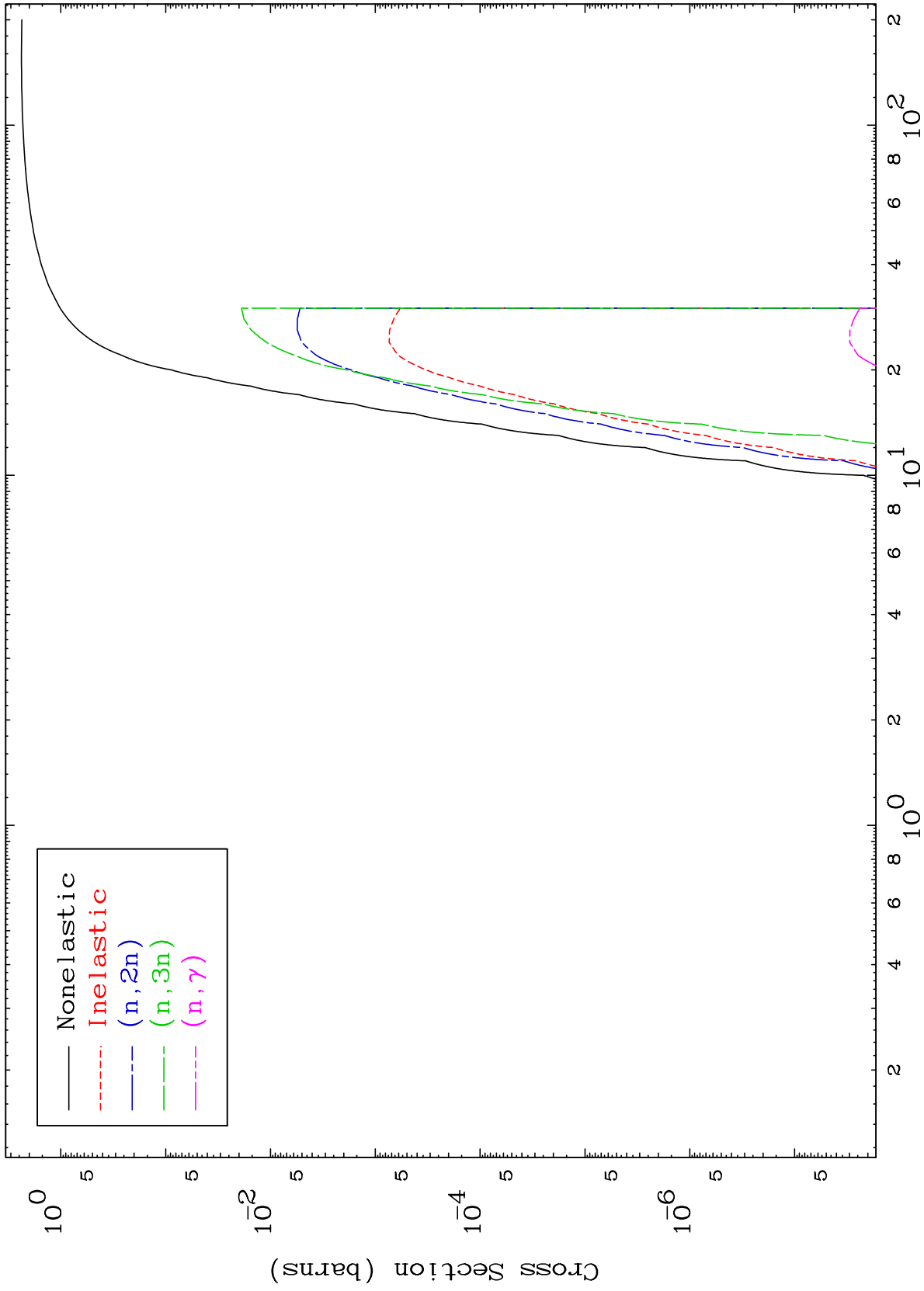
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7730

He-3 Major
0 Kelvin Cross Sections

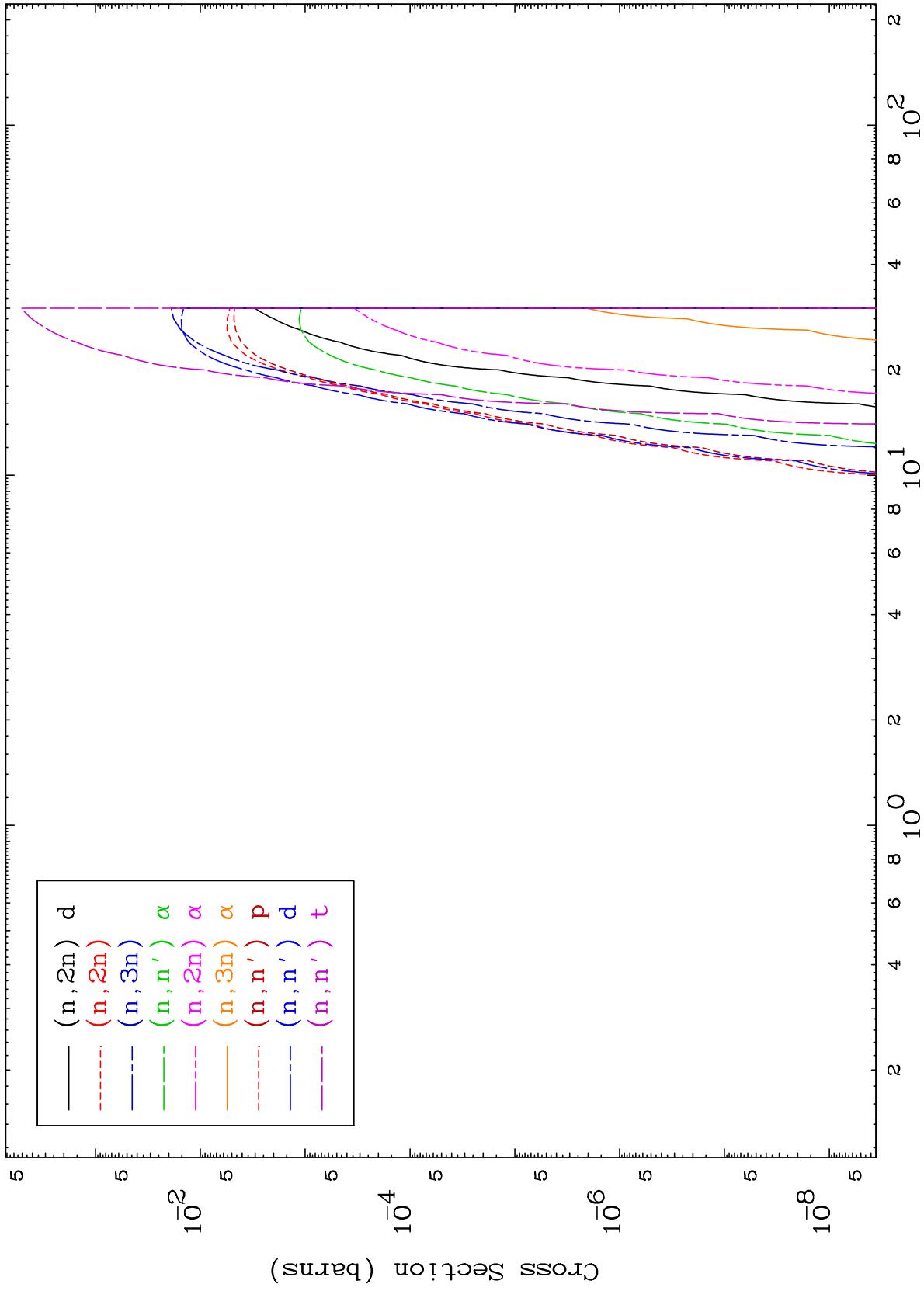
⁷⁷Ir-¹⁹²n



MAT 7730

He-3 Neutron Absorption
0 Kelvin Cross Sections

77-Ir-192n



2

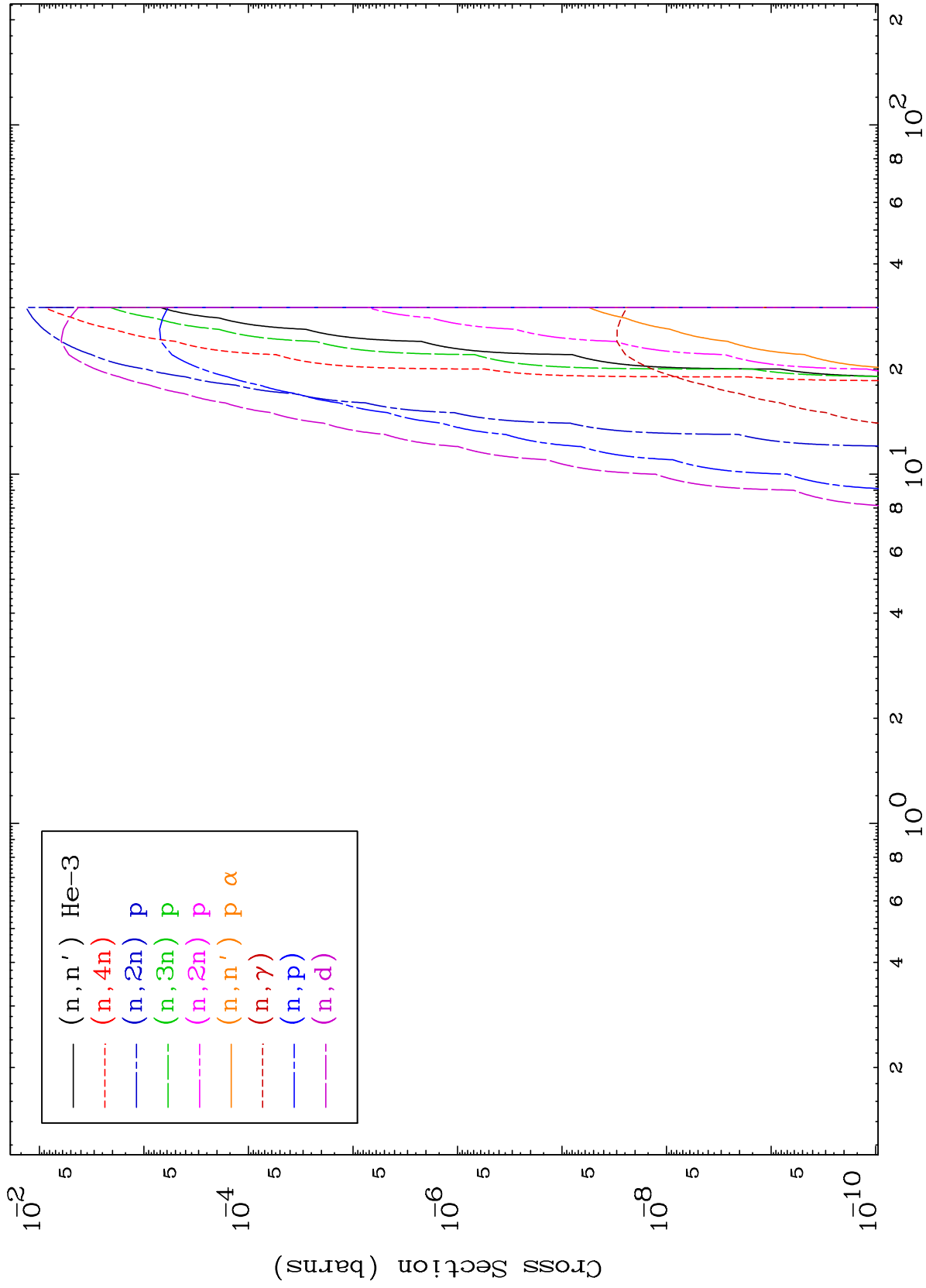
Incident Energy (MeV)

77-Ir-192n

MAT 7730

He-3 Neutron Absorption
0 Kelvin Cross Sections

77-Ir-192n



3

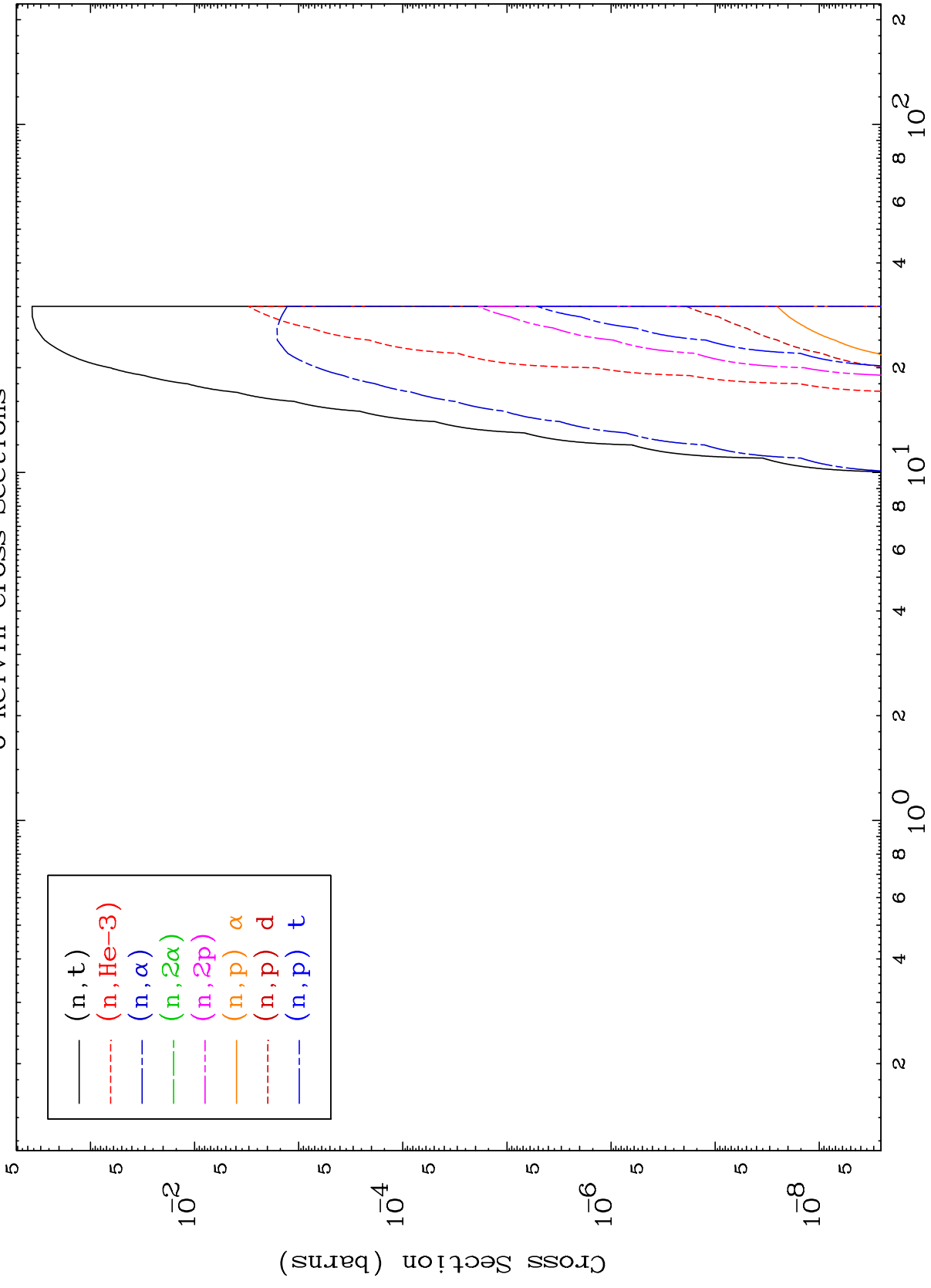
Incident Energy (MeV)

77-Ir-192n

MAT 7730

He-3 Neutron Absorption
0 Kelvin Cross Sections

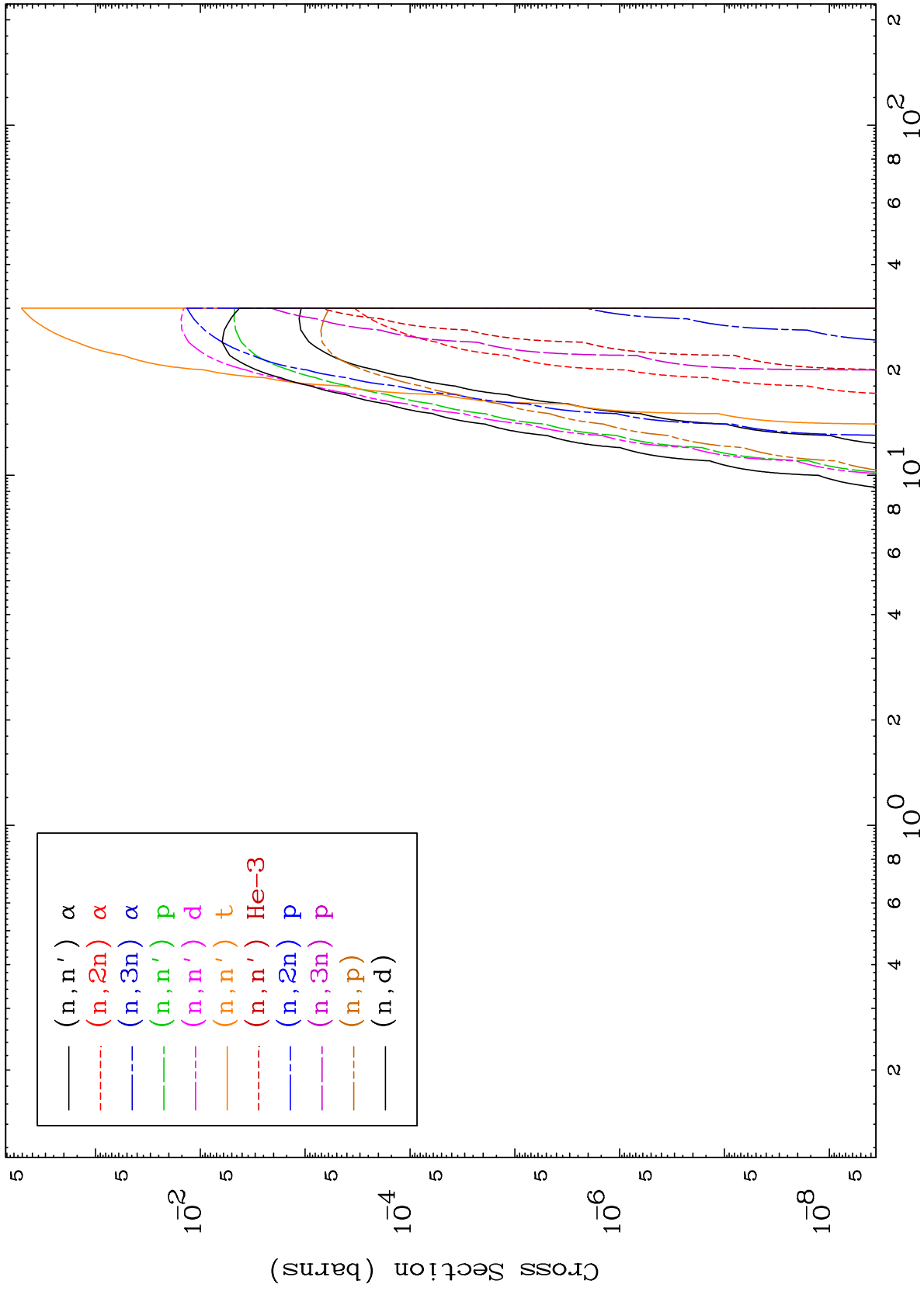
77-Ir-192n



MAT 7730

He-3 Charged Particle
0 Kelvin Cross Sections

77-Ir-192n



5

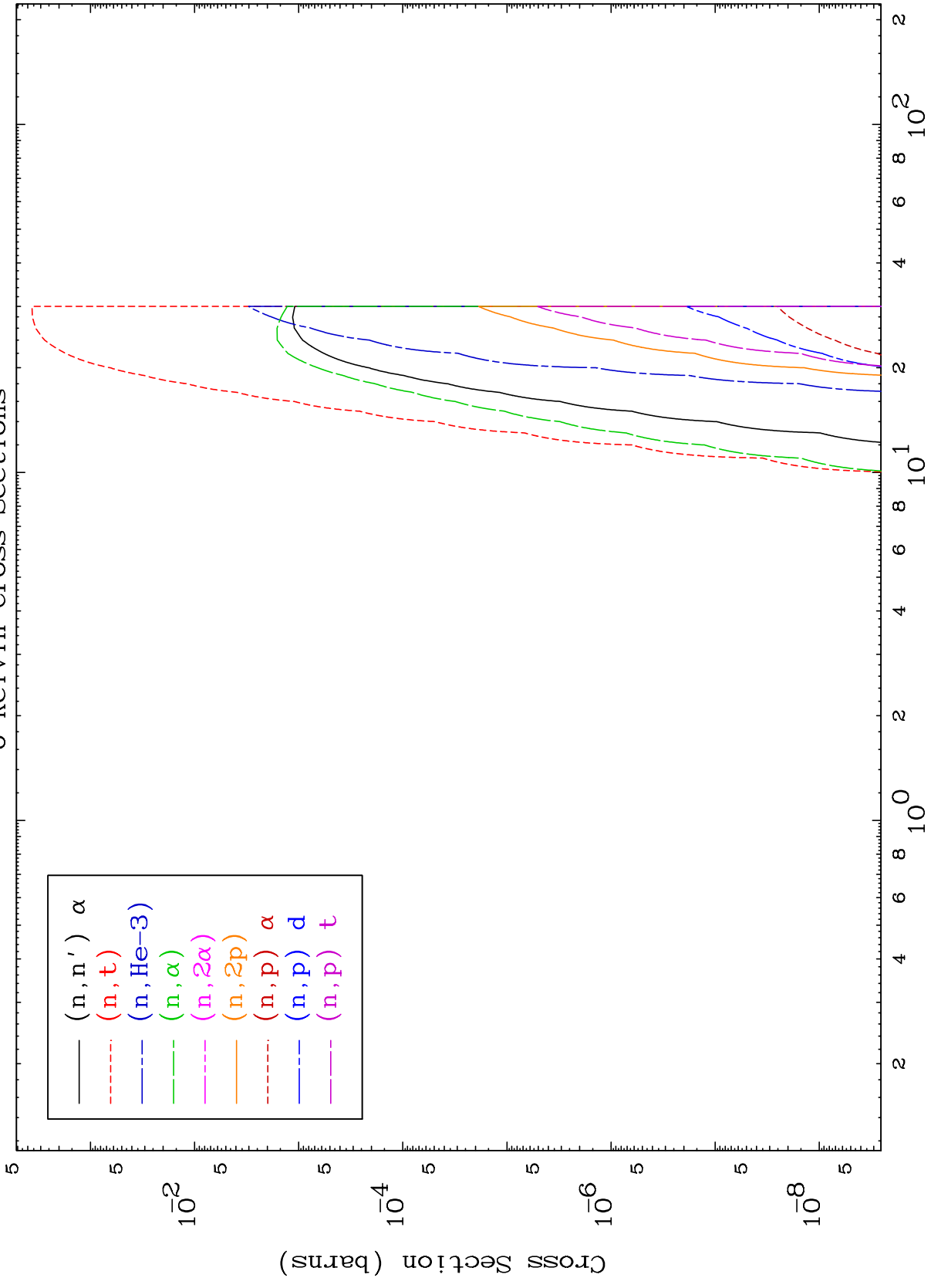
Incident Energy (MeV)

77-Ir-192n

MAT 7730

He-3 Charged Particle
0 Kelvin Cross Sections

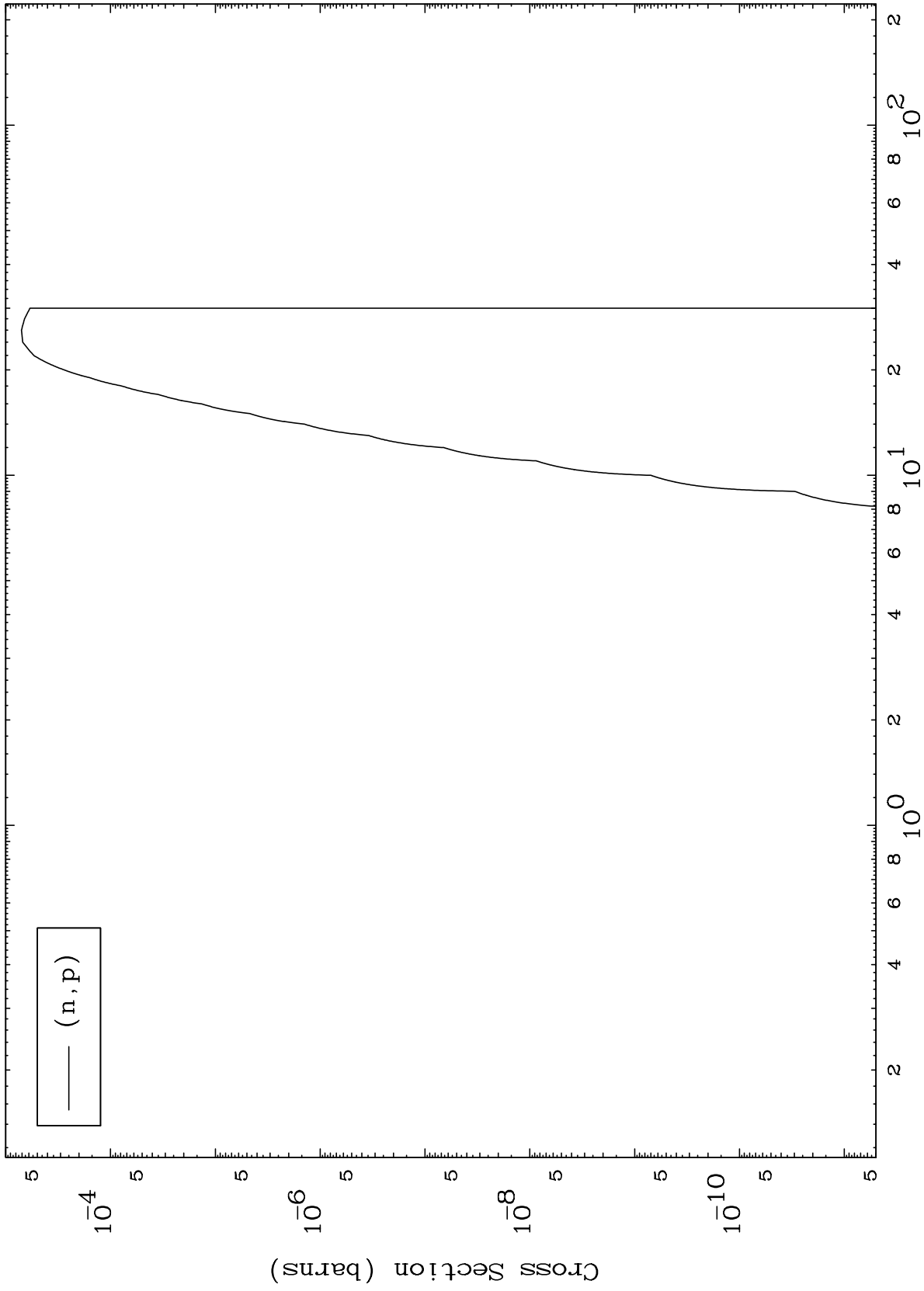
77-Ir-192n



MAT 7730

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

77-Ir-192n



7

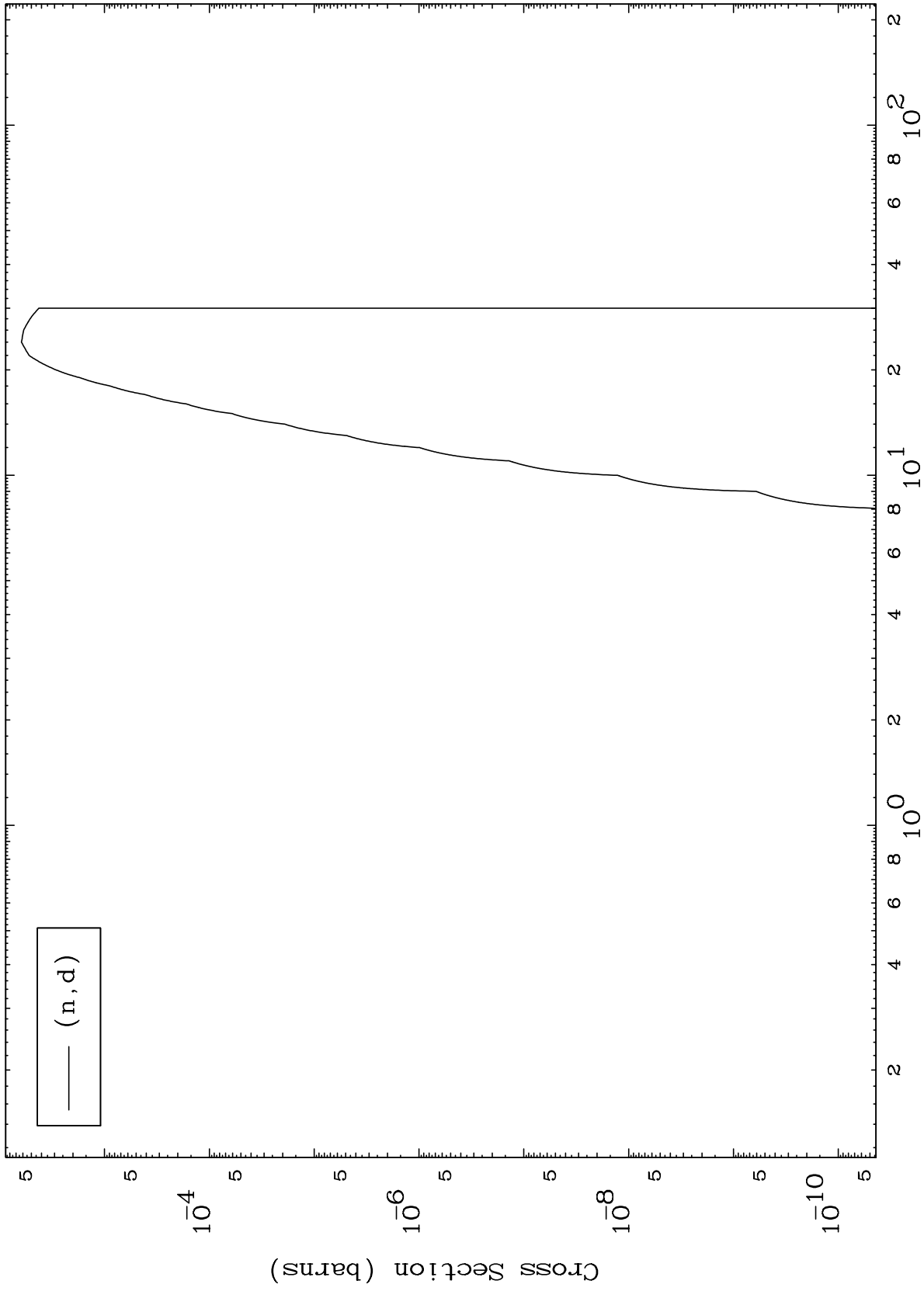
Incident Energy (MeV)

77-Ir-192n

MAT 7730

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

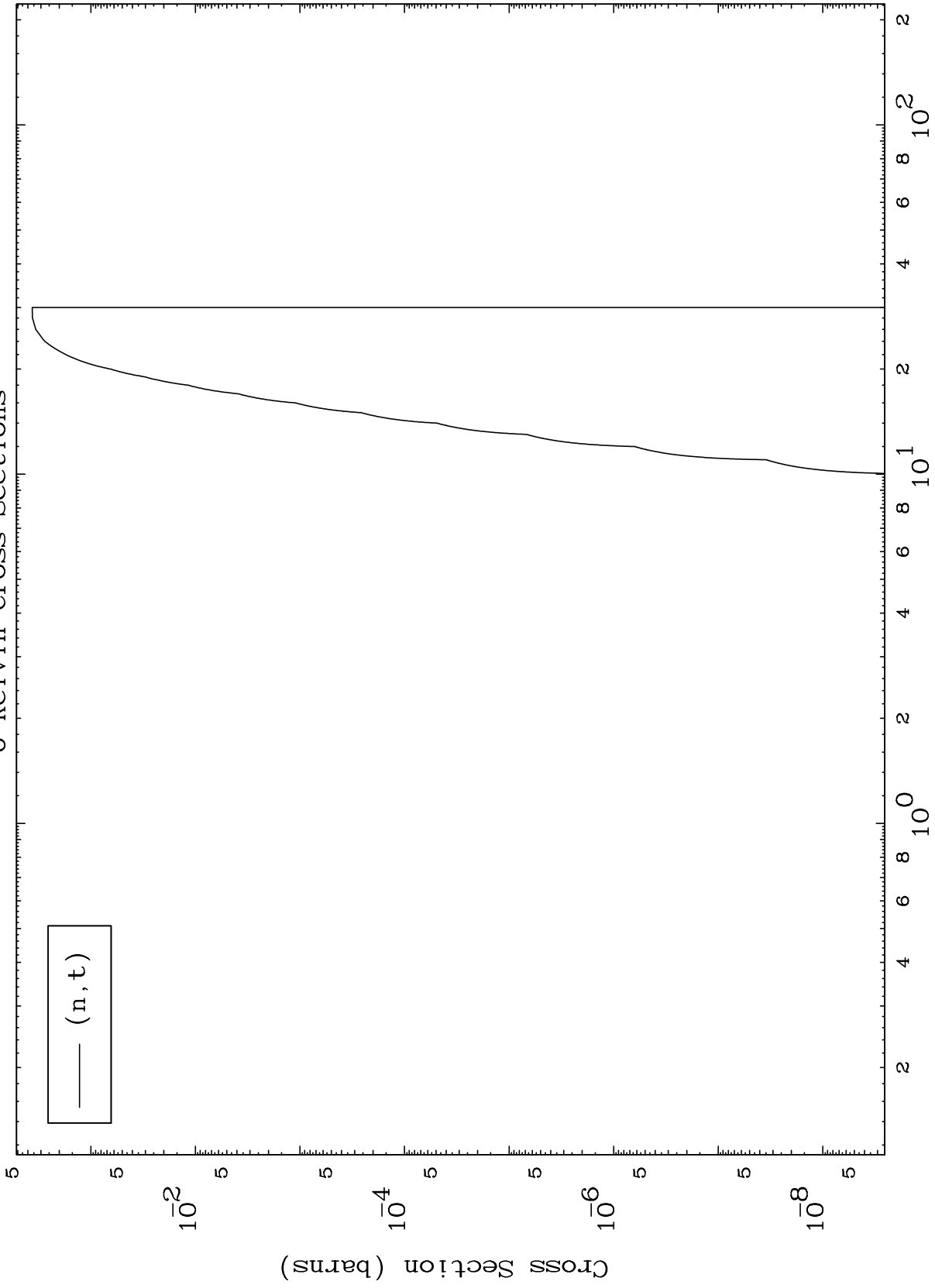
77-Ir-192n



MAT 7730

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

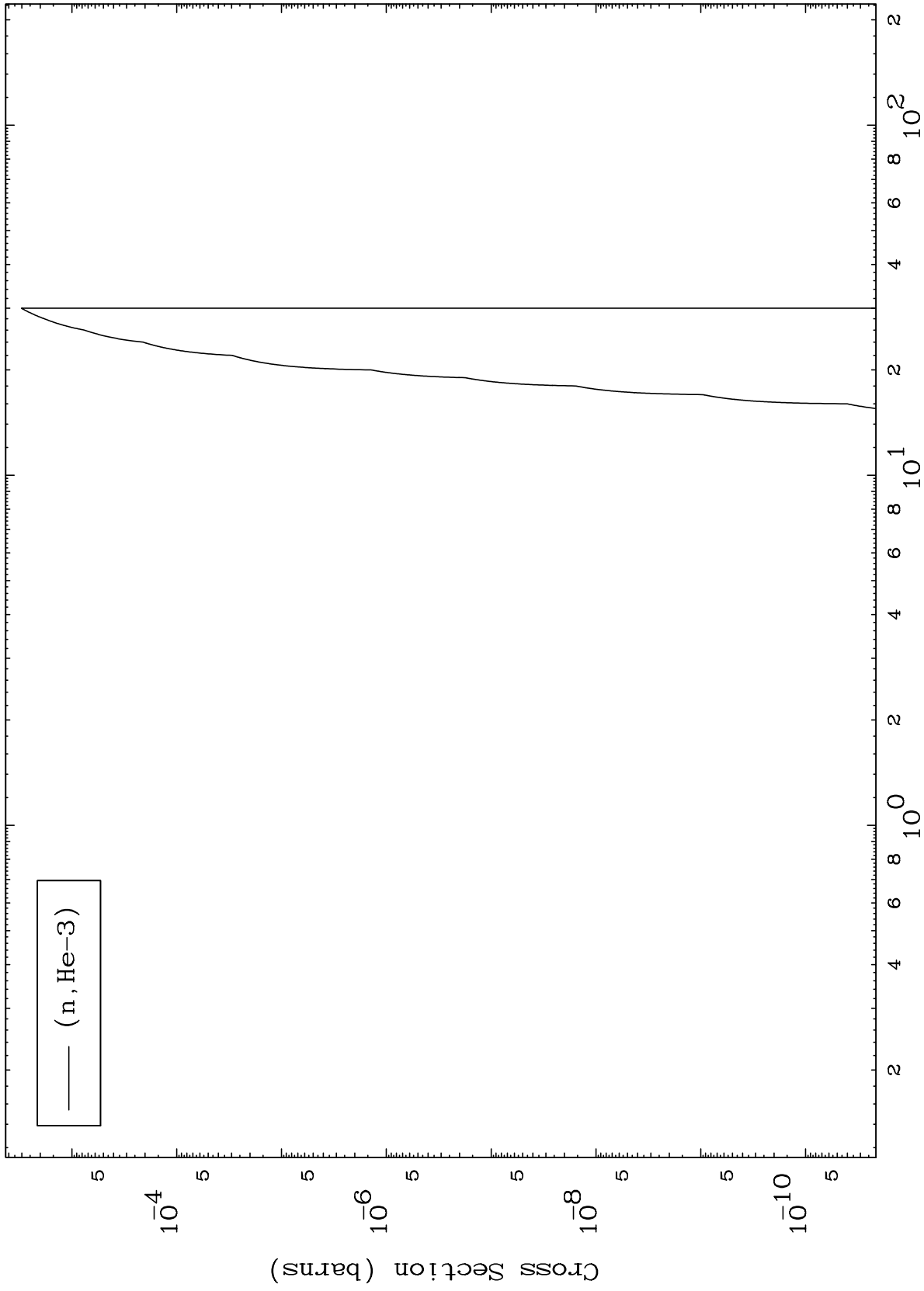
77-Ir-192n



MAT 7730

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

77-Ir-192n



10

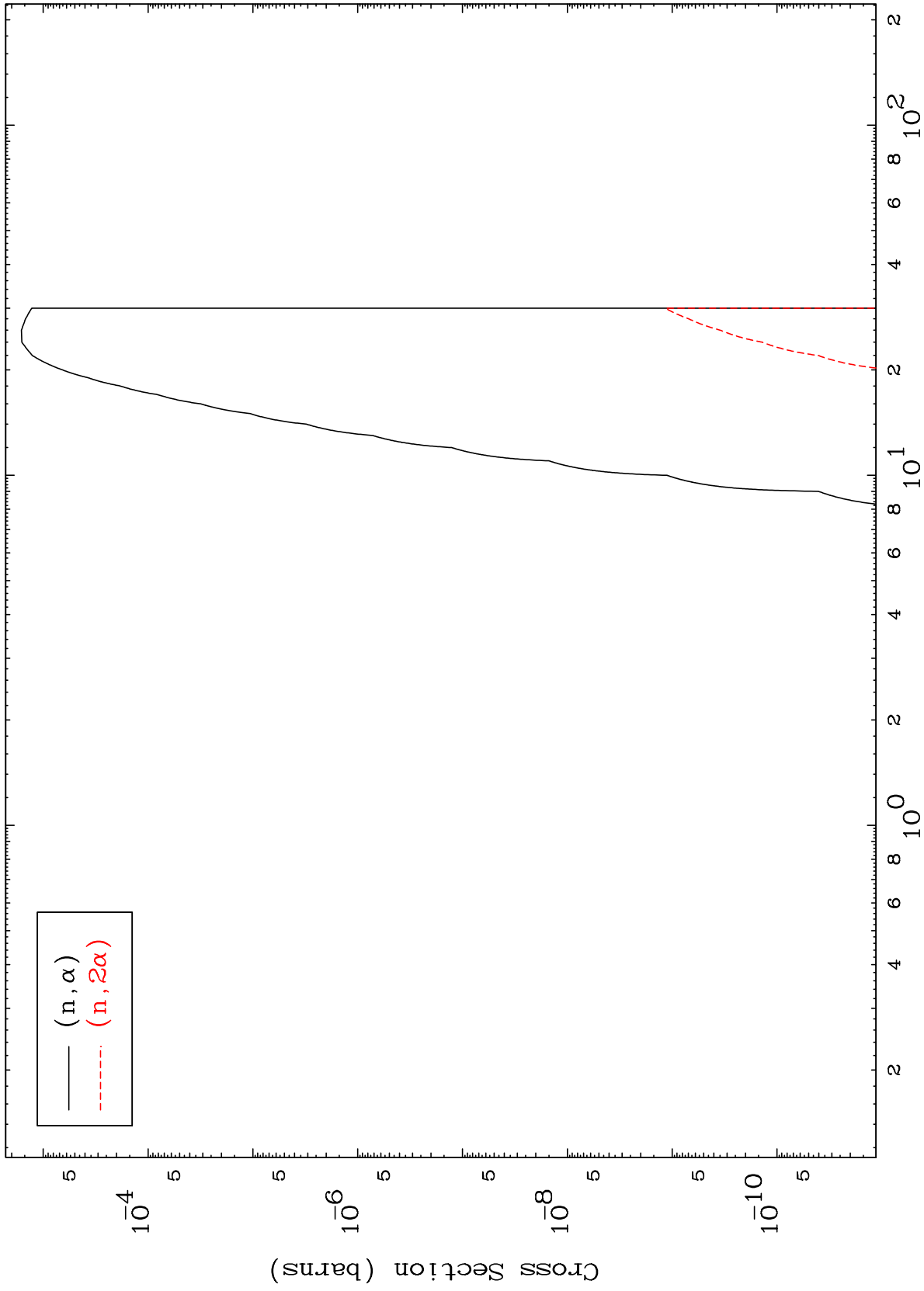
Incident Energy (MeV)

77-Ir-192n

MAT 7730

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

77-Ir-192n

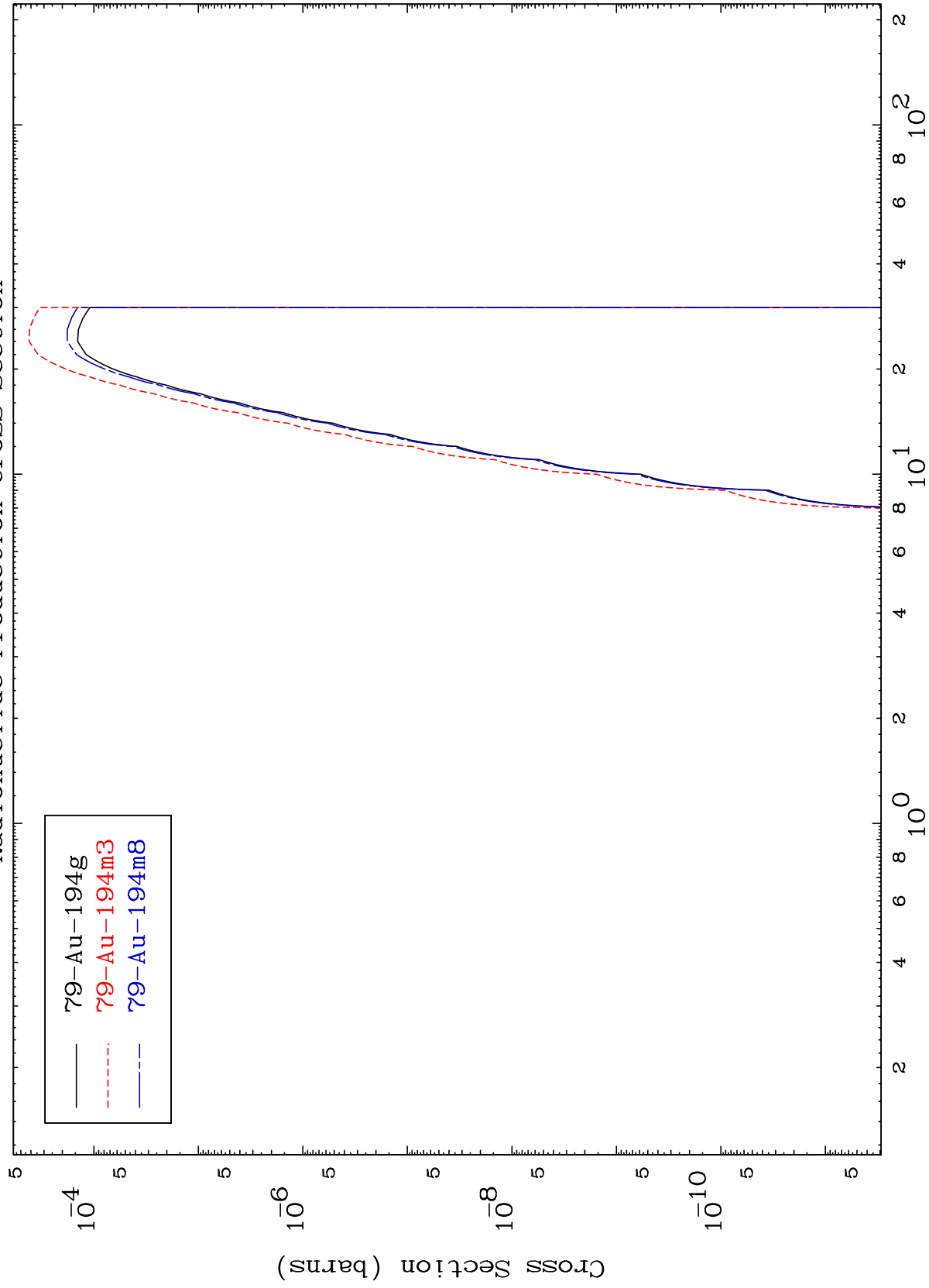


77-Ir-192n

MAT 7730

Inelastic
Radionuclide Production Cross Section

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



12

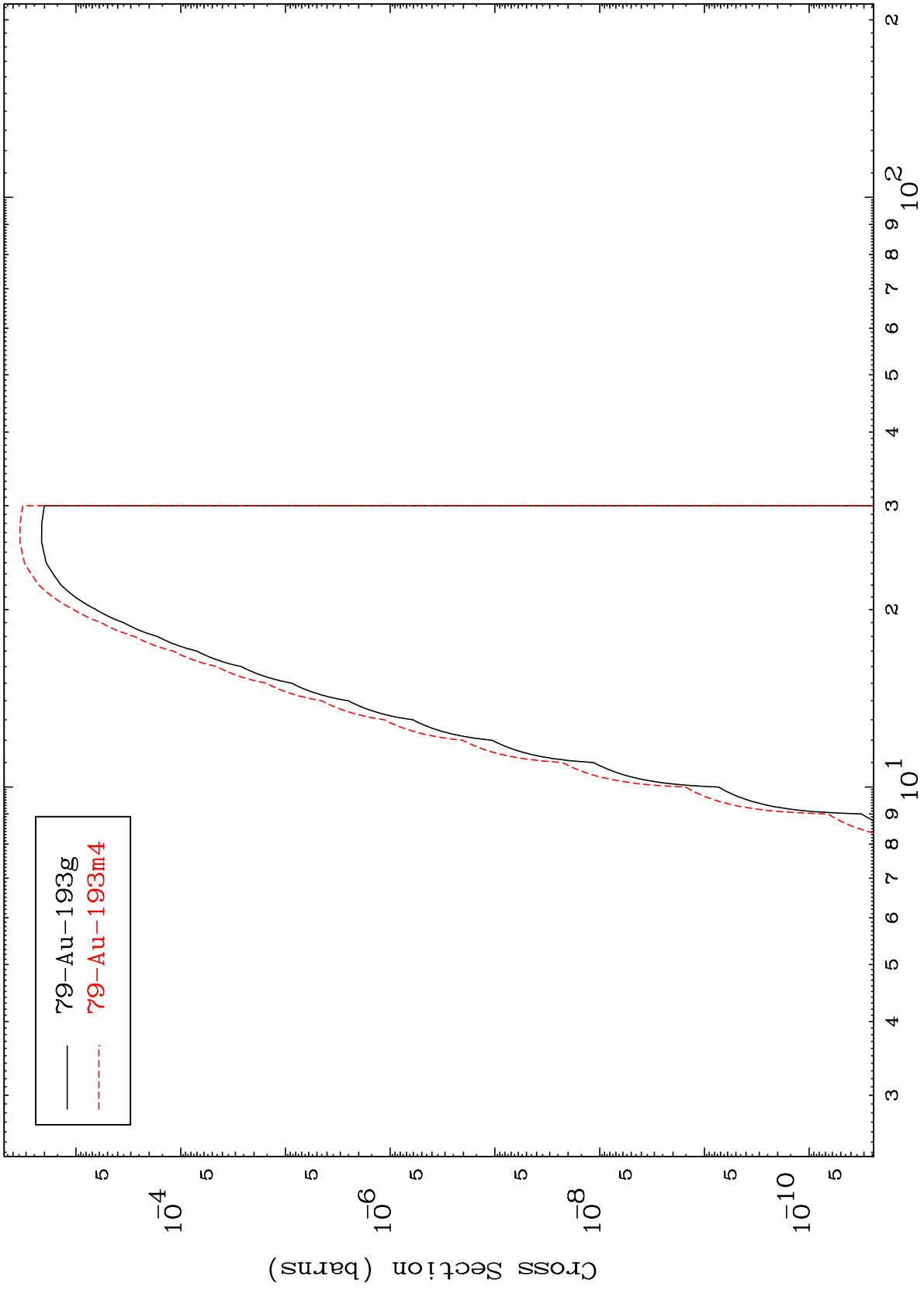
Incident Energy (MeV)

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

MAT 7730

Radionuclide Production Cross Section
(n,2n)

⁷⁷Ir-192n



13

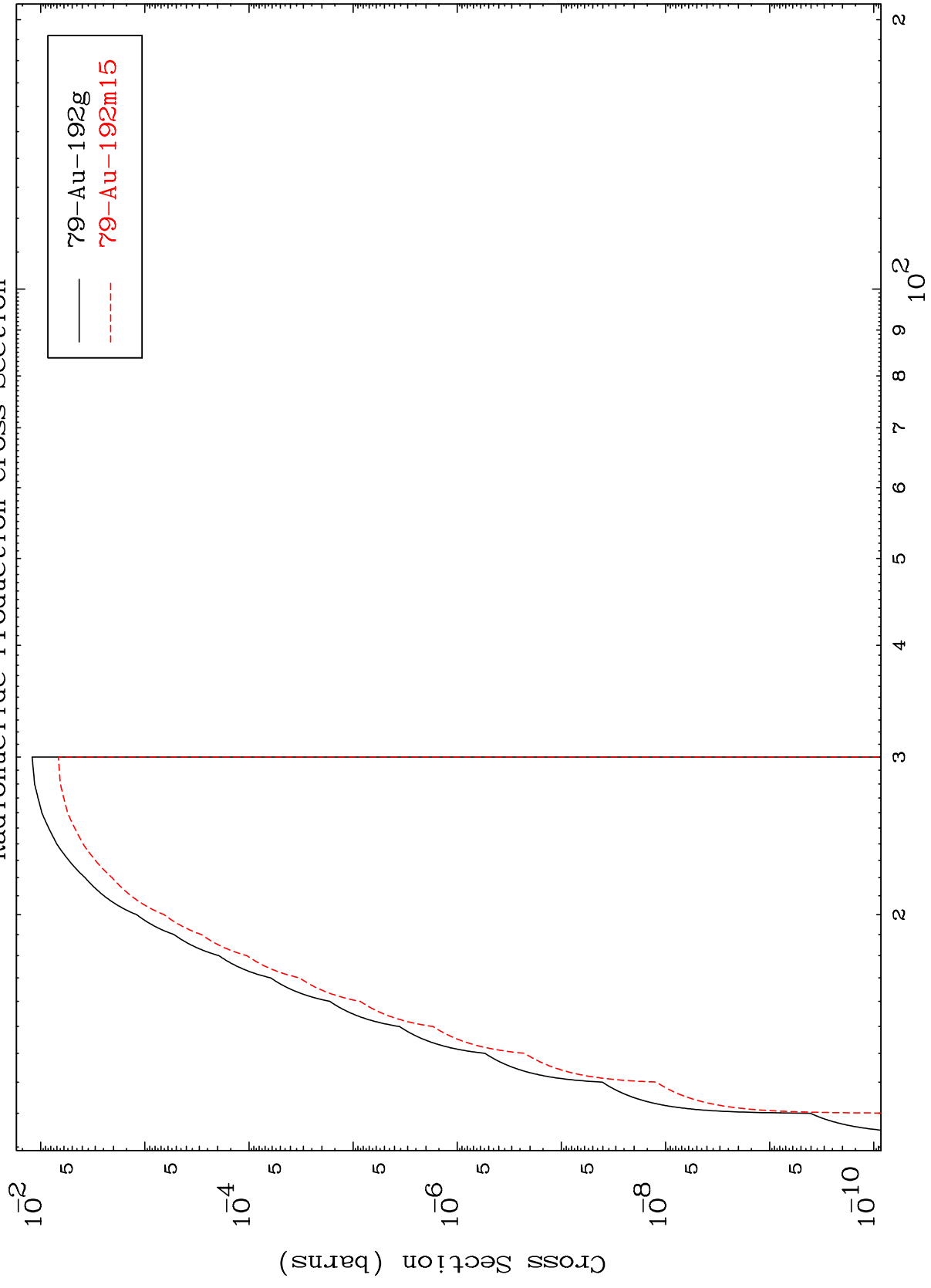
Incident Energy (MeV)

⁷⁷Ir-192n

MAT 7730

77-Ir-192n

(n,3n)
Radionuclide Production Cross Section



14

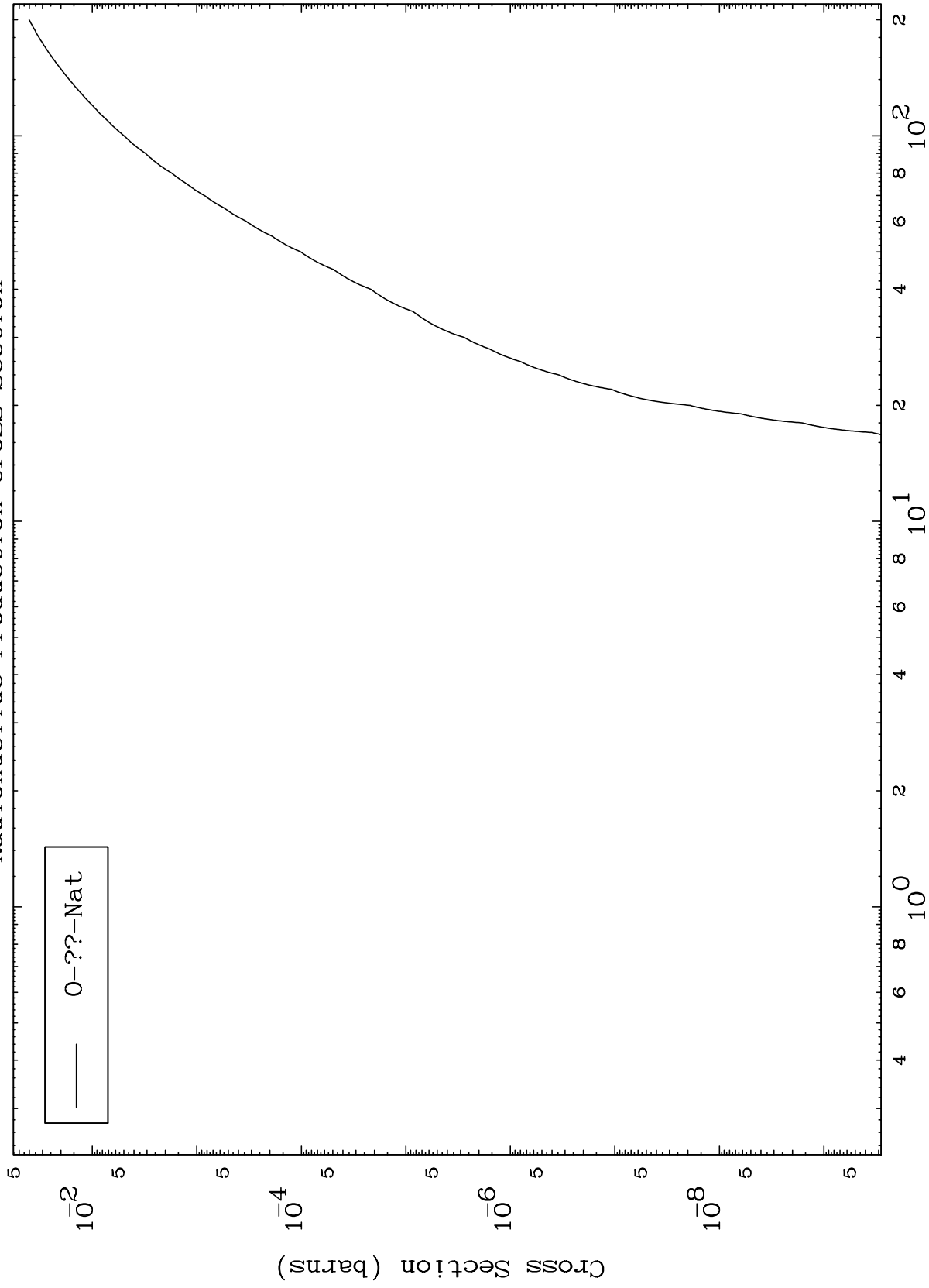
Incident Energy (MeV)

77-Ir-192n

MAT 7730

Fission
Radionuclide Production Cross Section

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



15

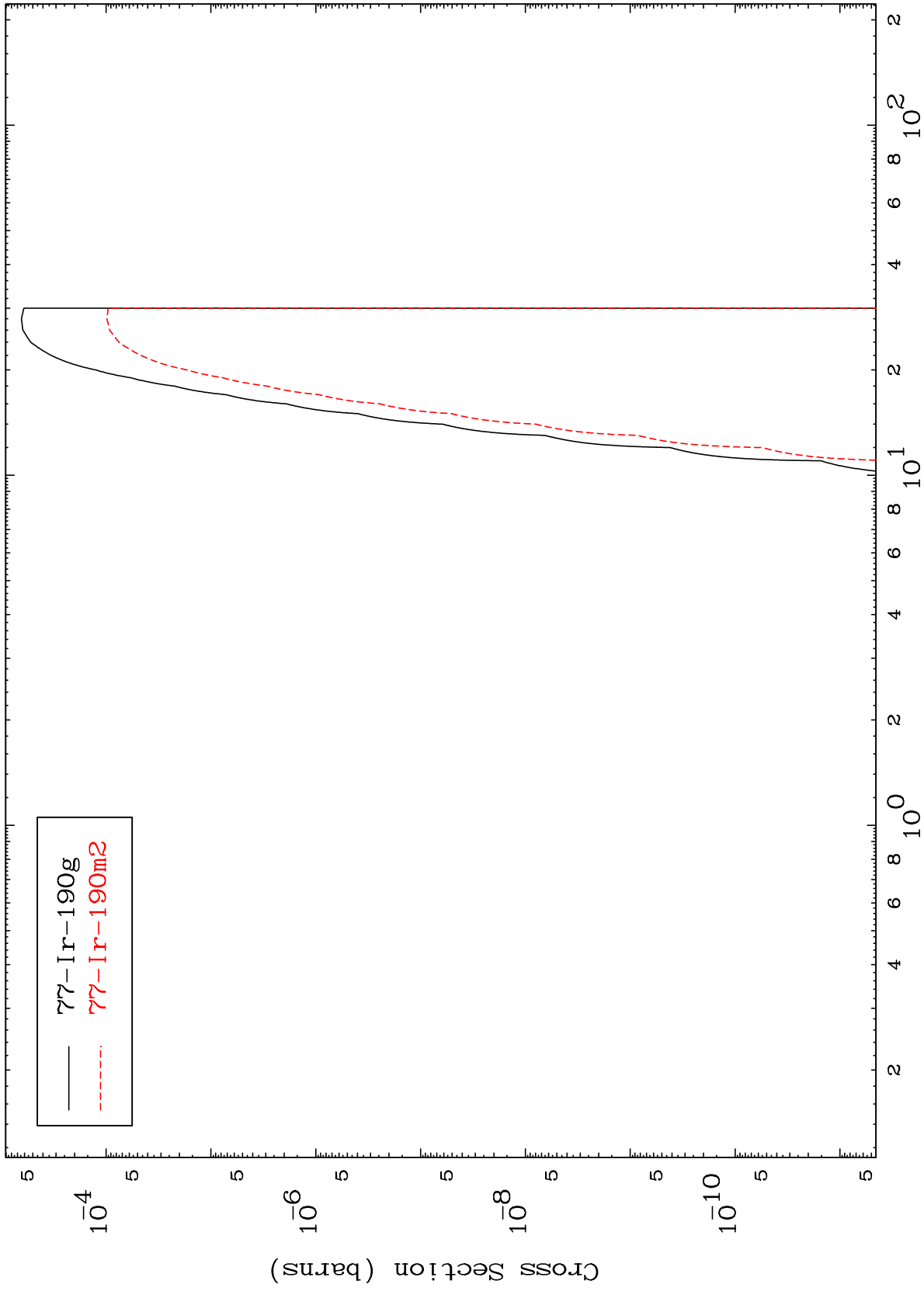
$^{77}\text{Ir-192n}$

MAT 7730

(n,n') α

⁷⁷Ir-¹⁹²n

Radionuclide Production Cross Section



16

Incident Energy (MeV)

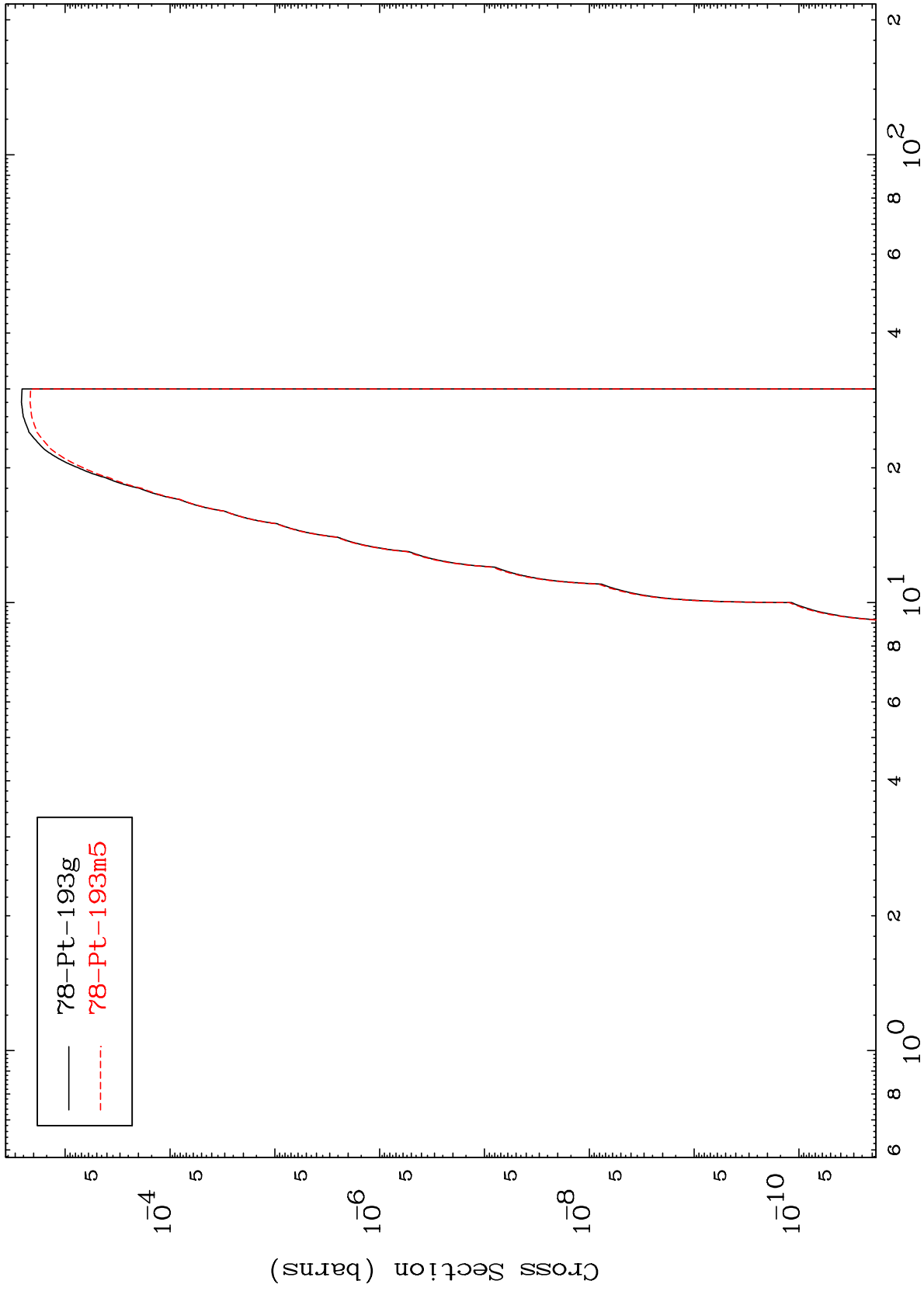
⁷⁷Ir-¹⁹²n

MAT 7730

(n,n') p

⁷⁷Ir-¹⁹²n

Radionuclide Production Cross Section



17

Incident Energy (MeV)

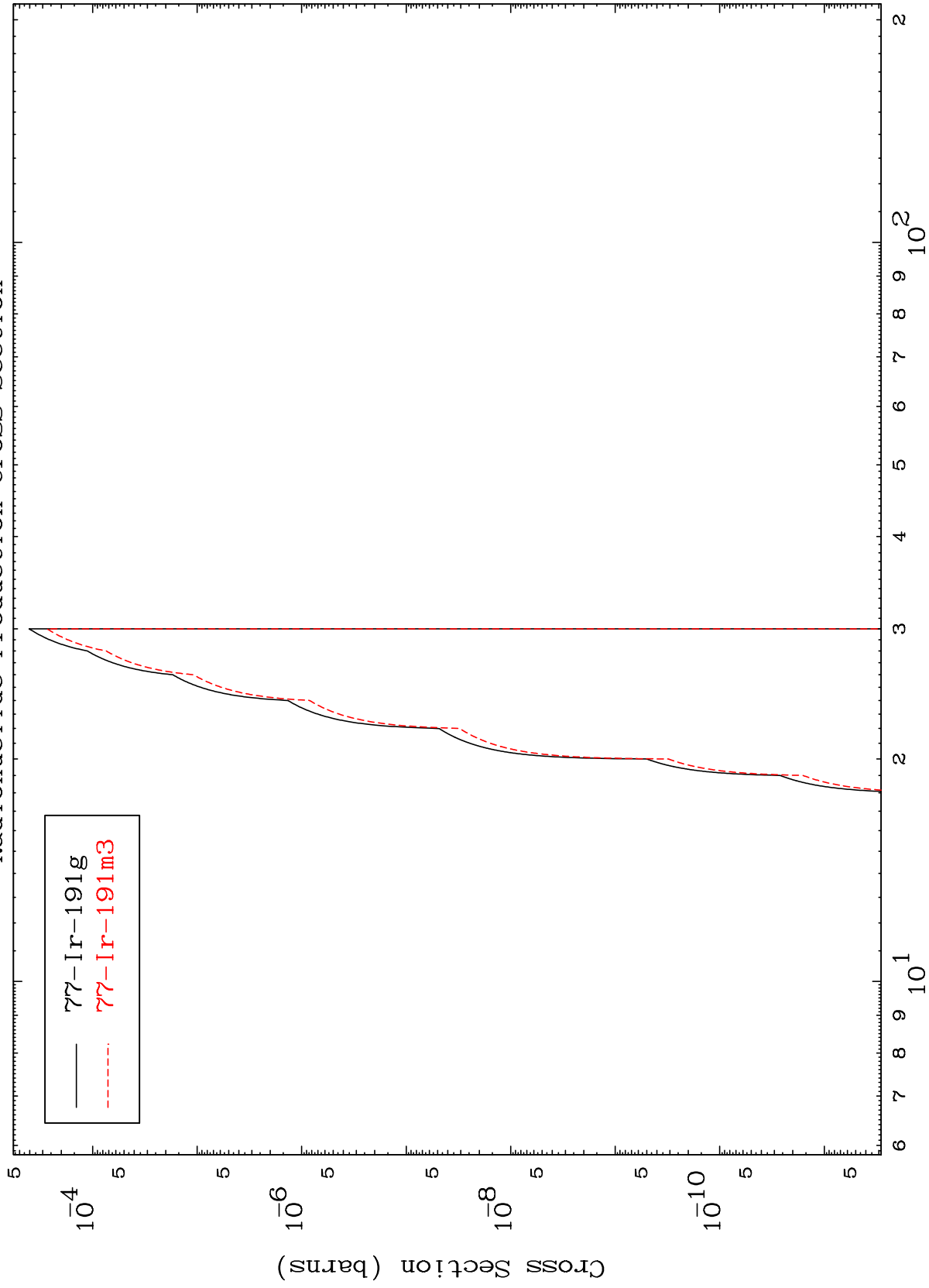
⁷⁷Ir-¹⁹²n

MAT 7730

(n, n') He-3

⁷⁷Ir-192n

Radionuclide Production Cross Section

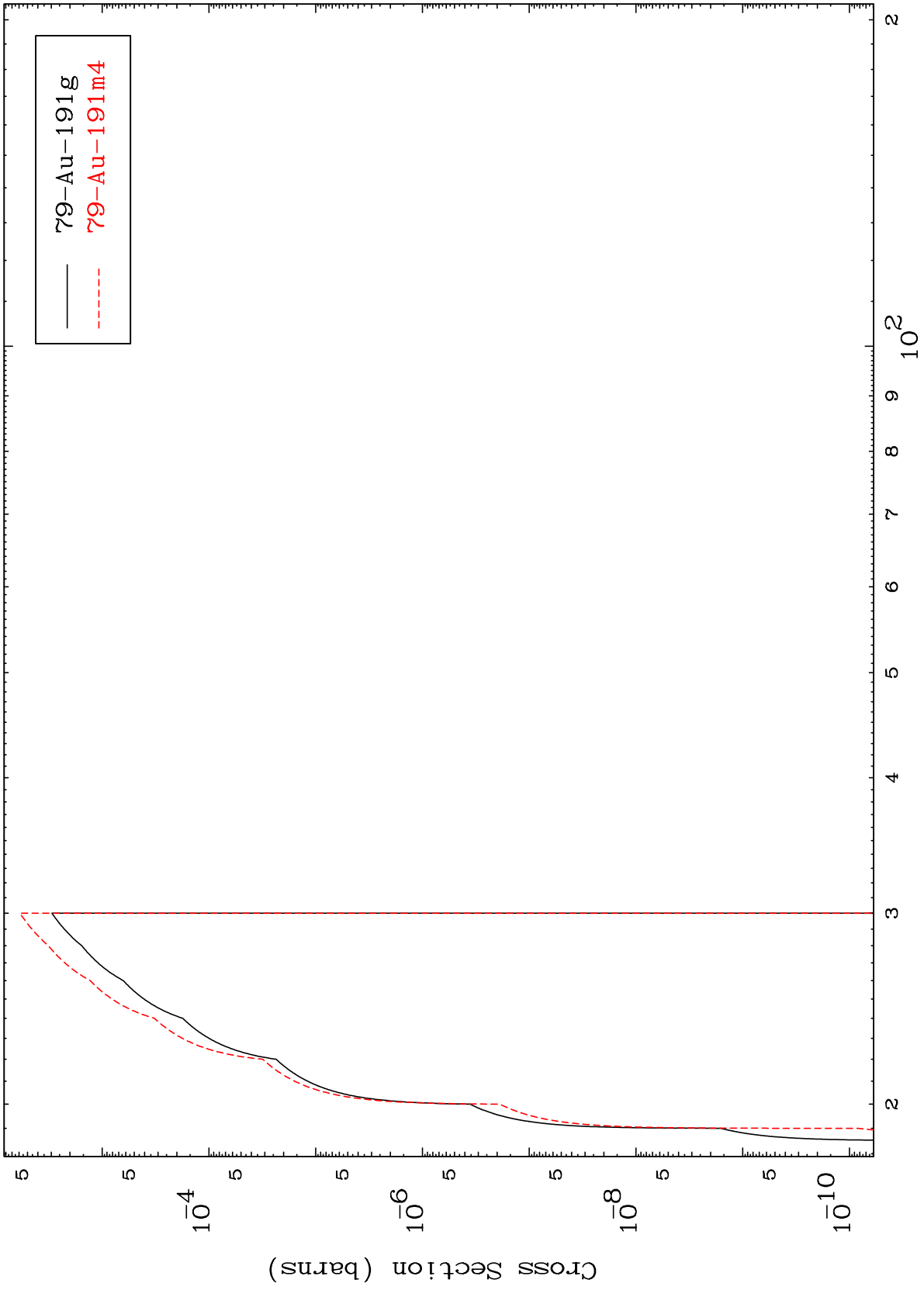


— ⁷⁷Ir-191g
- - - ⁷⁷Ir-191m3

MAT 7730

⁷⁷Ir-¹⁹²n

(n,4n)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

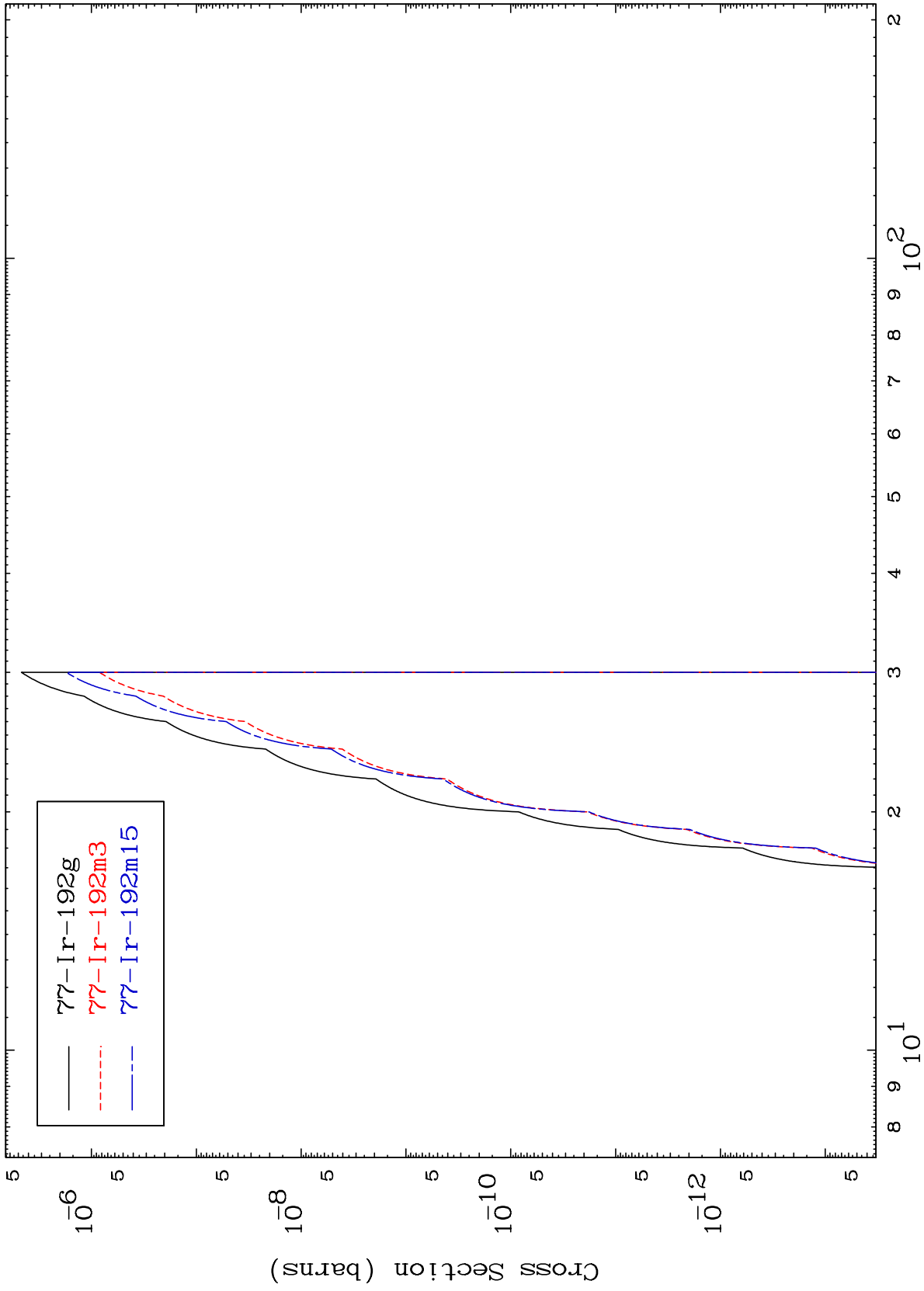
⁷⁷Ir-¹⁹²n

MAT 7730

(n,2n) p

⁷⁷Ir-¹⁹²n

Radionuclide Production Cross Section



20

Incident Energy (MeV)

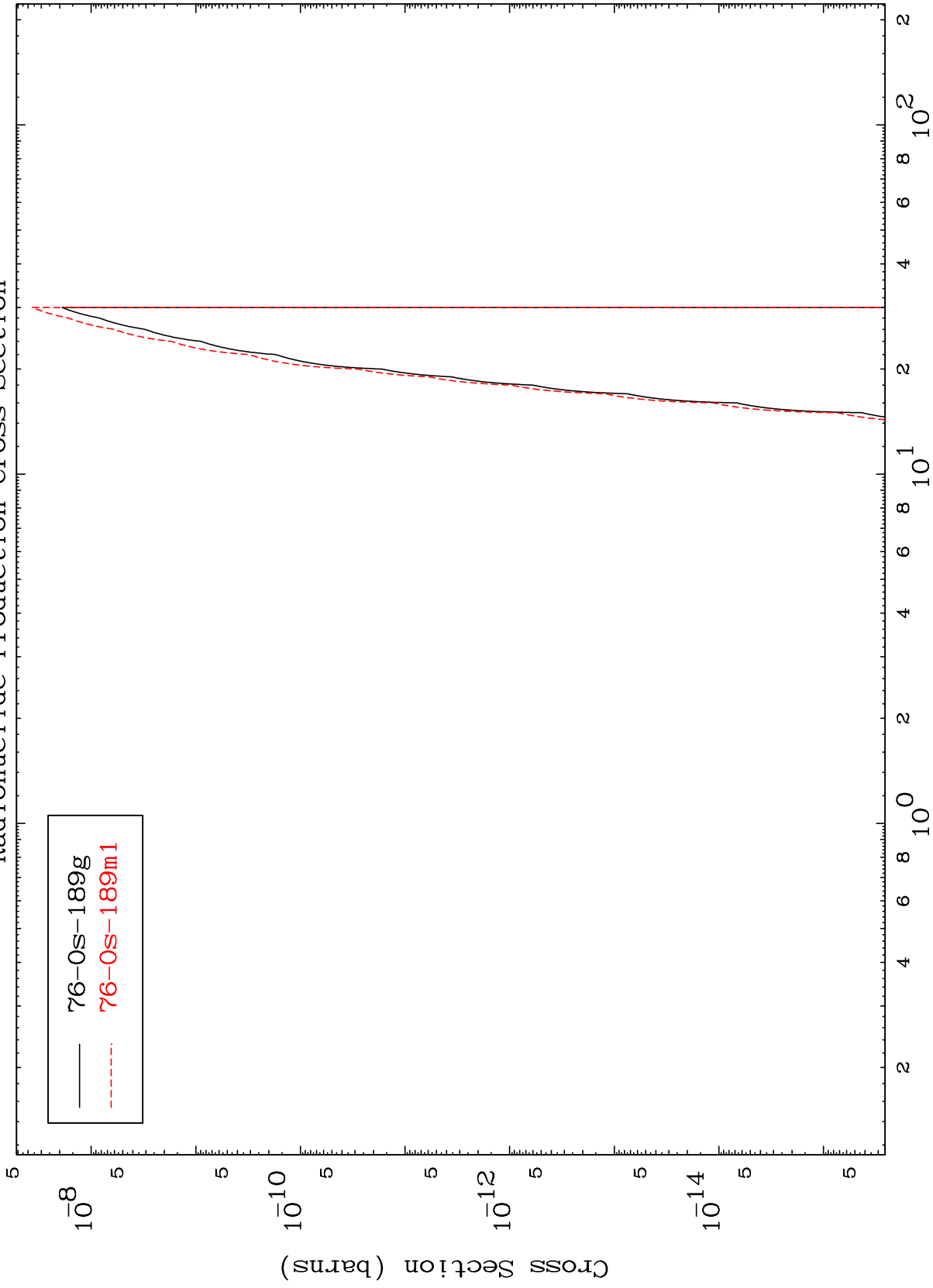
⁷⁷Ir-¹⁹²n

MAT 7730

(n,n') p α

⁷⁷Ir-¹⁹²n

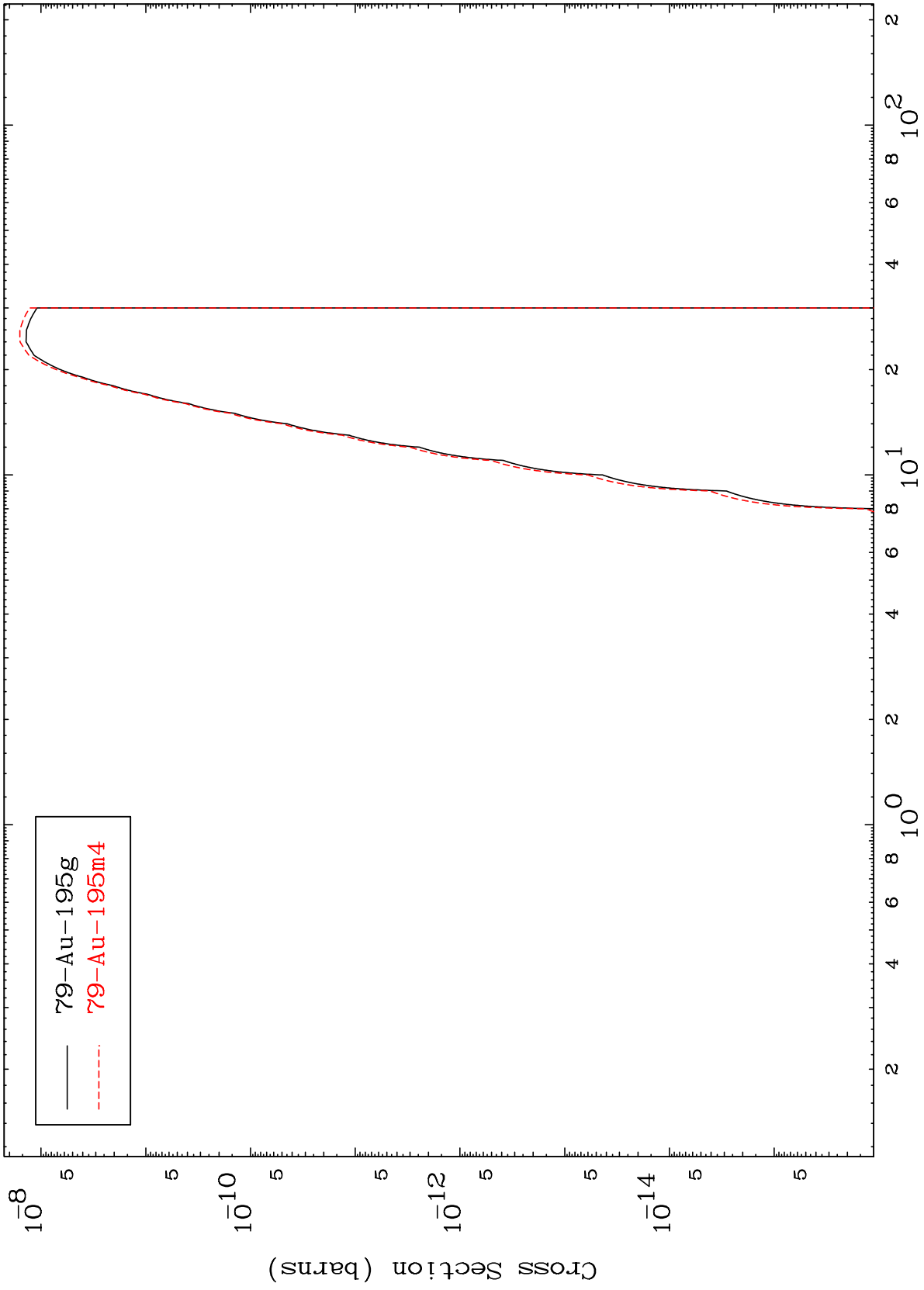
Radionuclide Production Cross Section



MAT 7730

⁷⁷Ir-192n

(n,γ)
Radionuclide Production Cross Section



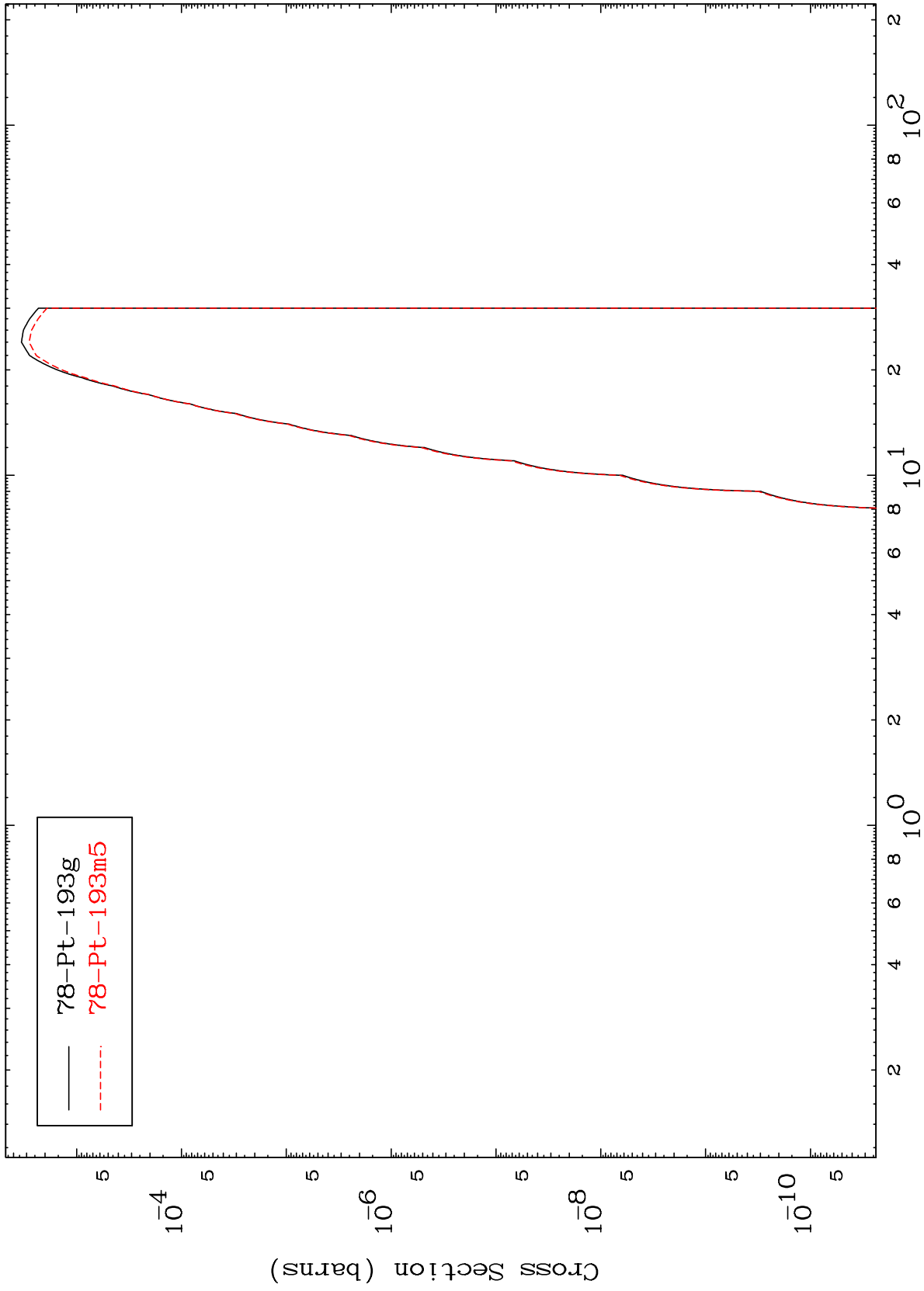
⁷⁷Ir-192n

MAT 7730

(n,d)

⁷⁷Ir-¹⁹²n

Radionuclide Production Cross Section



23

Incident Energy (MeV)

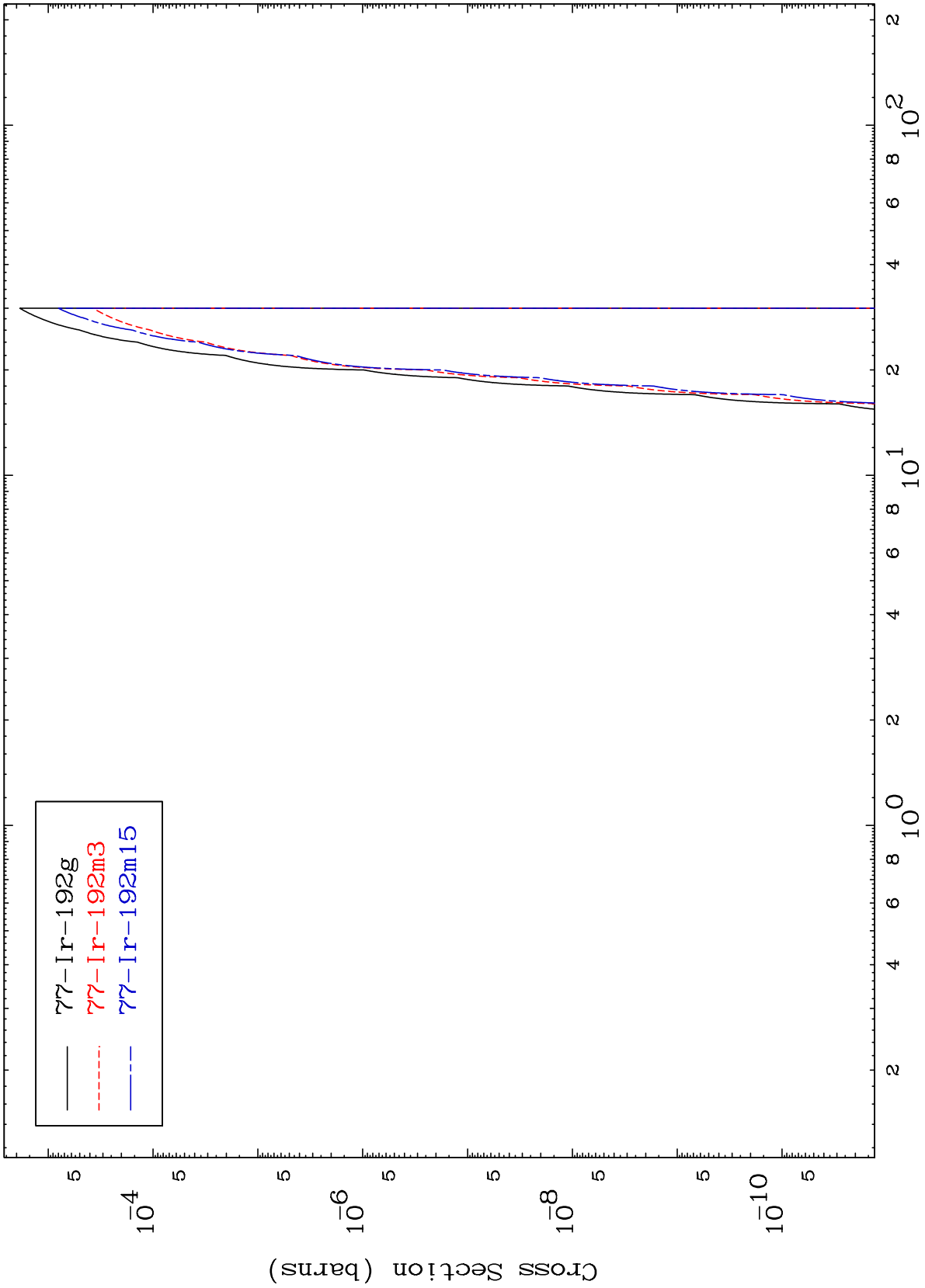
⁷⁷Ir-¹⁹²n

MAT 7730

(n, He-3)

⁷⁷Ir-¹⁹²n

Radionuclide Production Cross Section

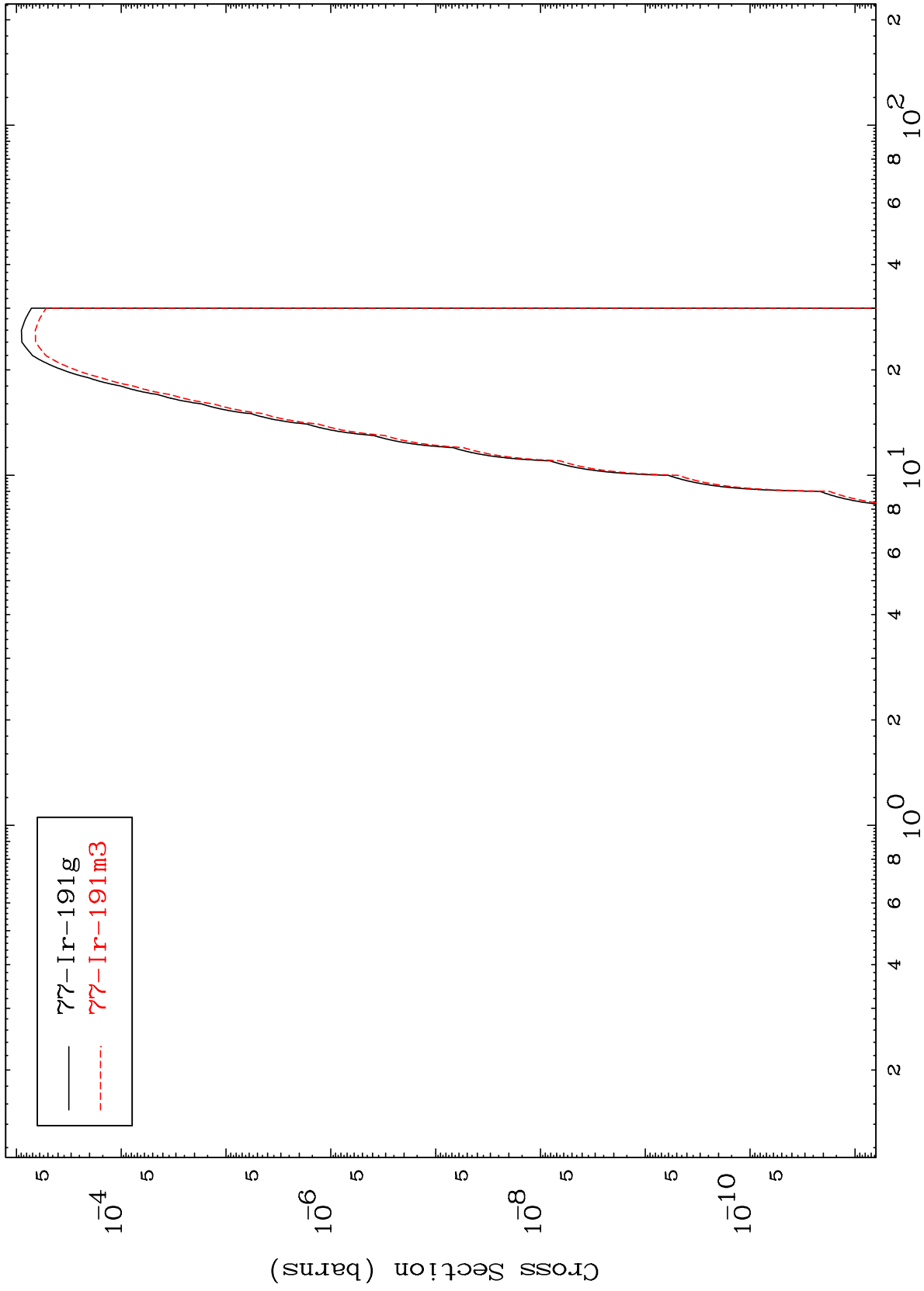


MAT 7730

(n, α)

⁷⁷Ir-¹⁹²n

Radionuclide Production Cross Section



25

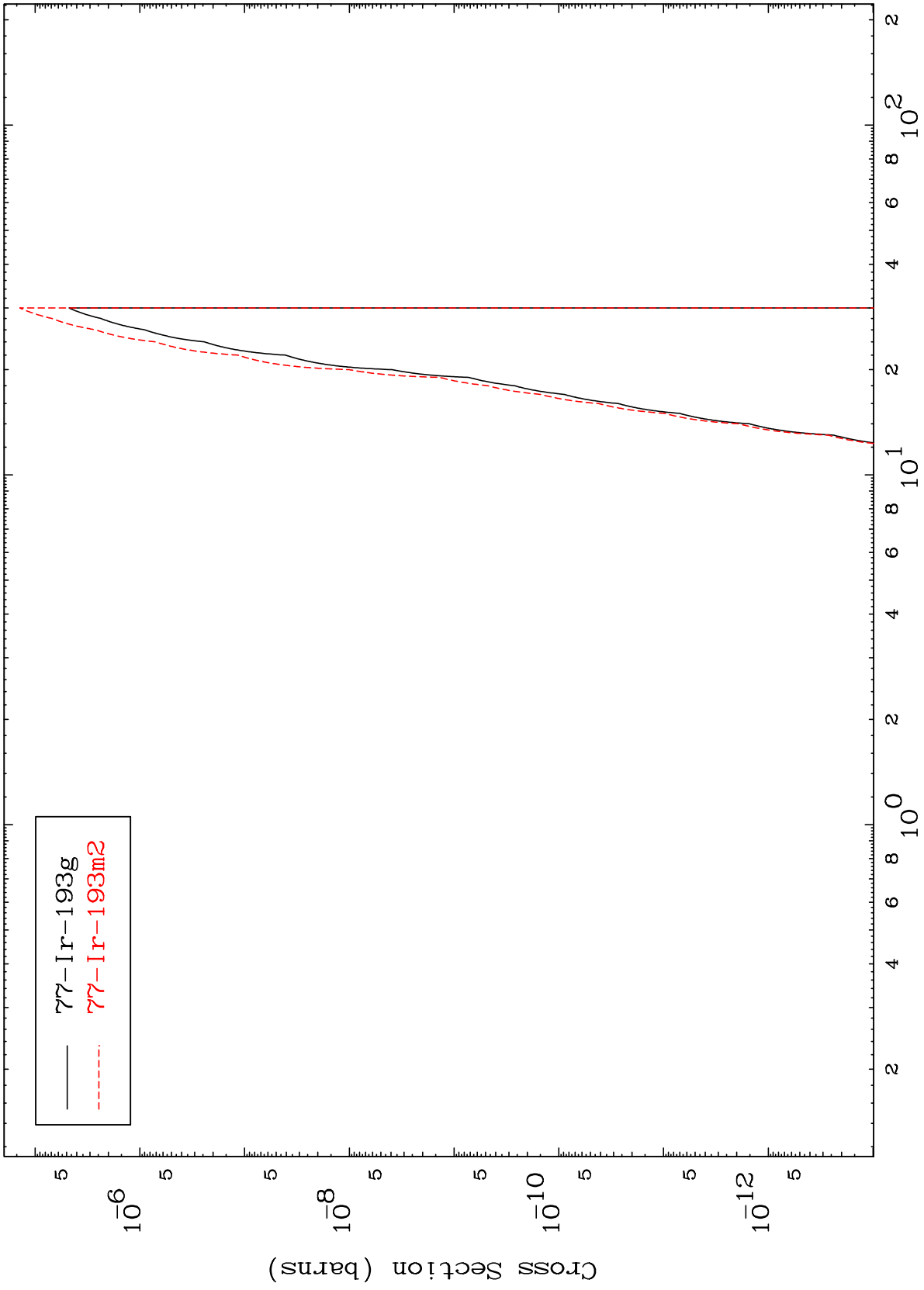
Incident Energy (MeV)

⁷⁷Ir-¹⁹²n

MAT 7730

⁷⁷Ir-¹⁹²n

Radionuclide Production Cross Section

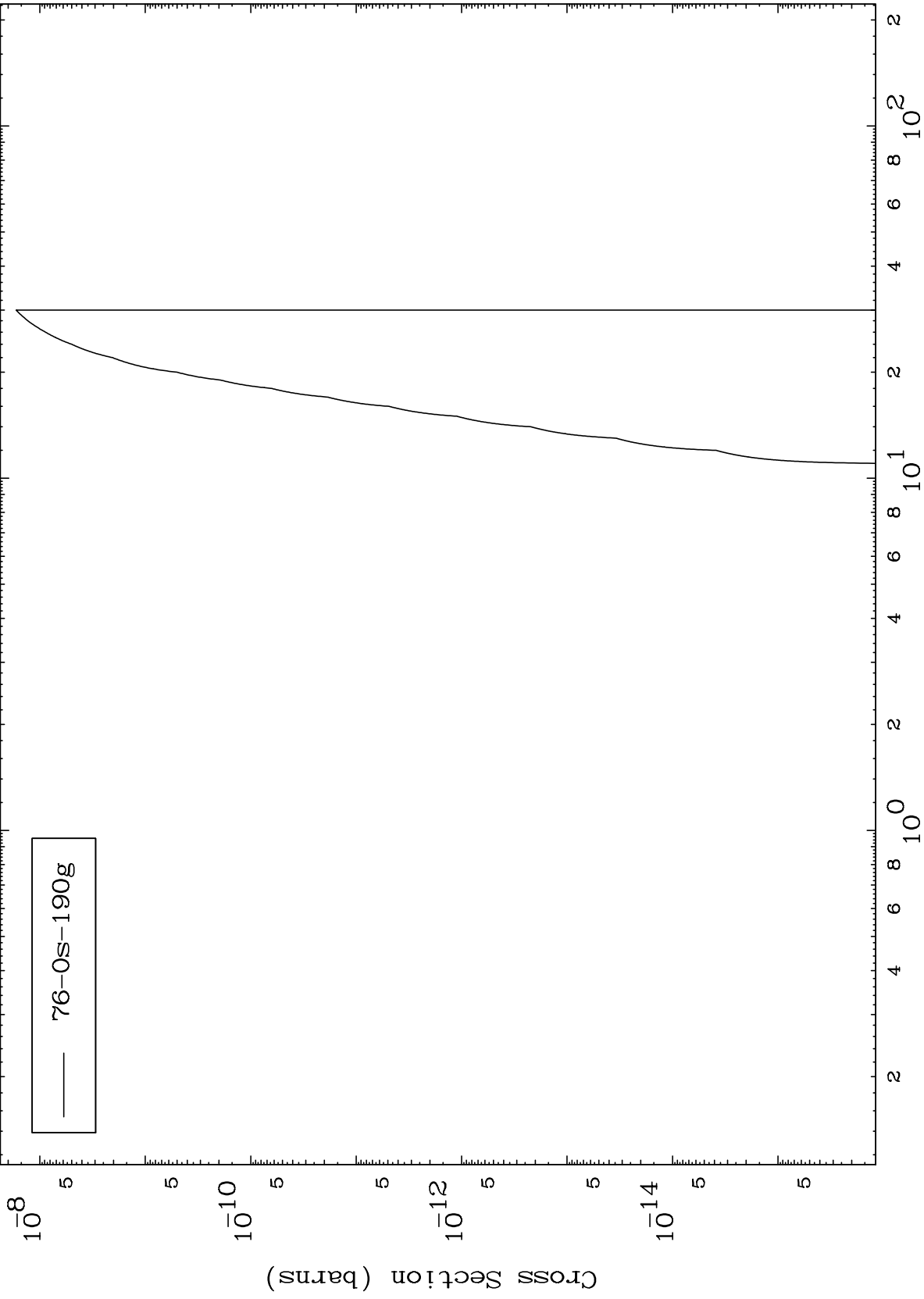


MAT 7730

(n,p) α

⁷⁷Ir-¹⁹²n

Radionuclide Production Cross Section



27

Incident Energy (MeV)

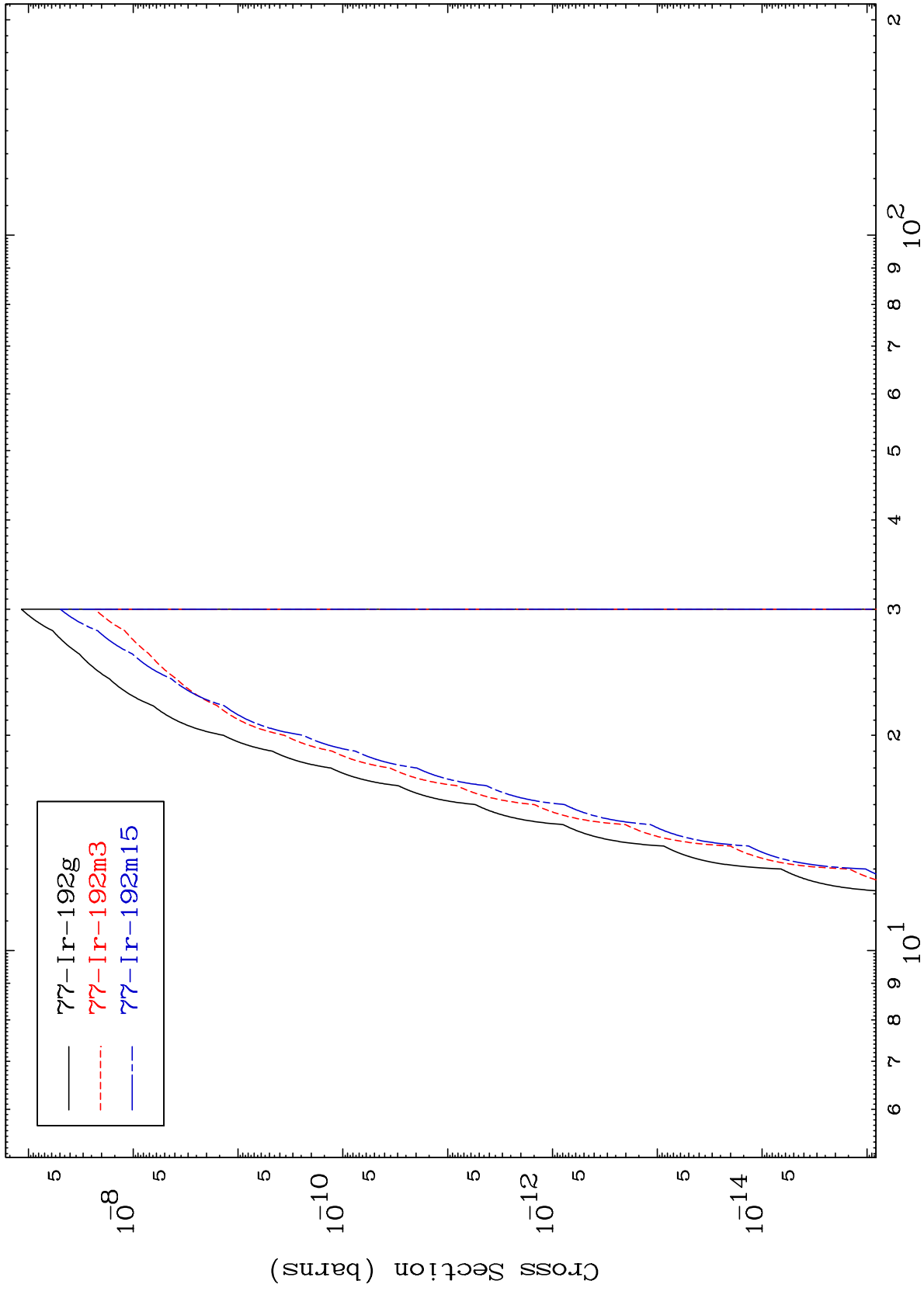
⁷⁷Ir-¹⁹²n

MAT 7730

(n,p) d

⁷⁷Ir-¹⁹²n

Radionuclide Production Cross Section



28

Incident Energy (MeV)

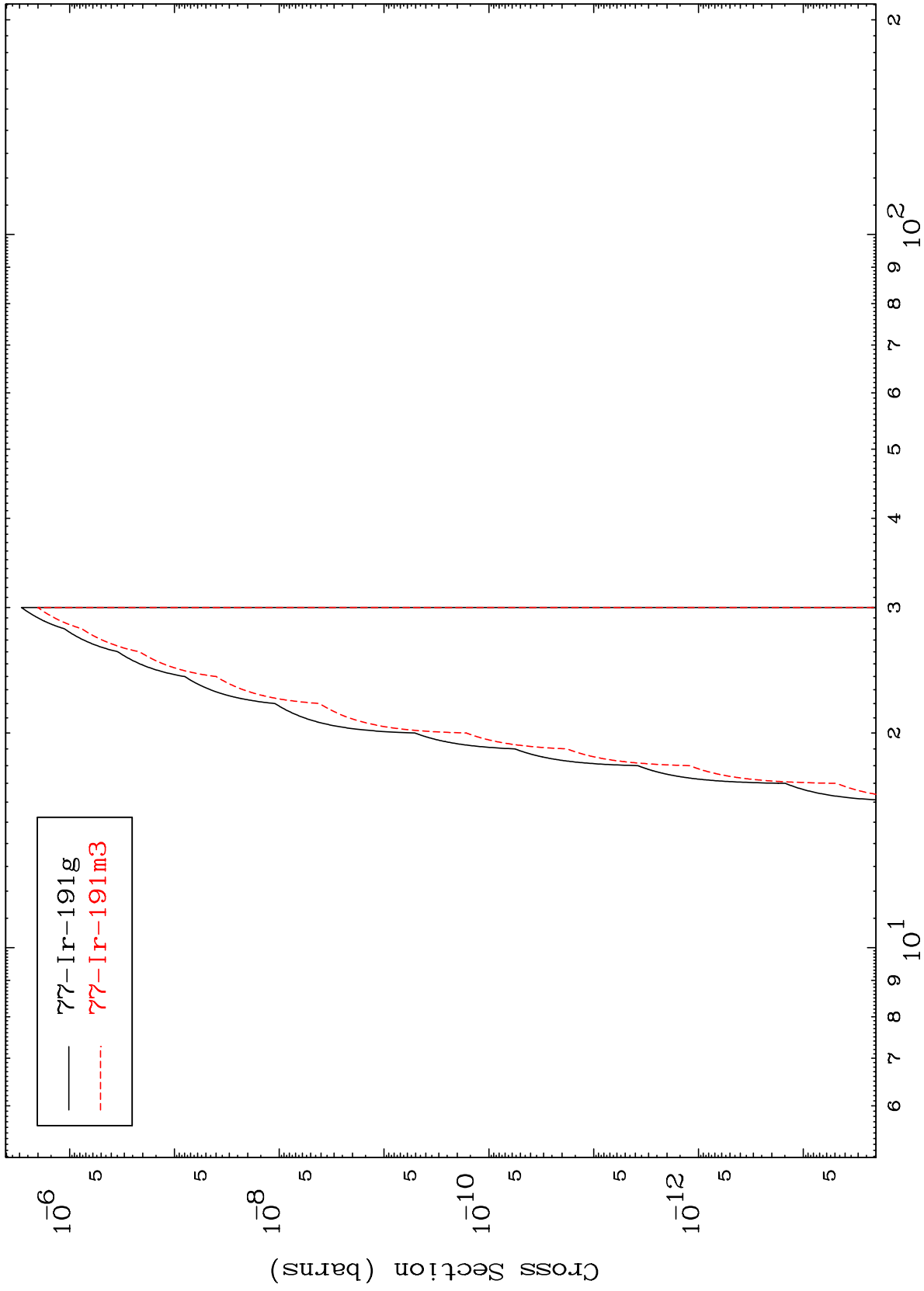
⁷⁷Ir-¹⁹²n

MAT 7730

(n,p) t

⁷⁷Ir-192n

Radionuclide Production Cross Section



29

Incident Energy (MeV)

⁷⁷Ir-192n

MAT 7730

(n,d) α

⁷⁷Ir-¹⁹²n

