

Program EVALPLOT
(Version 2021-1)

by

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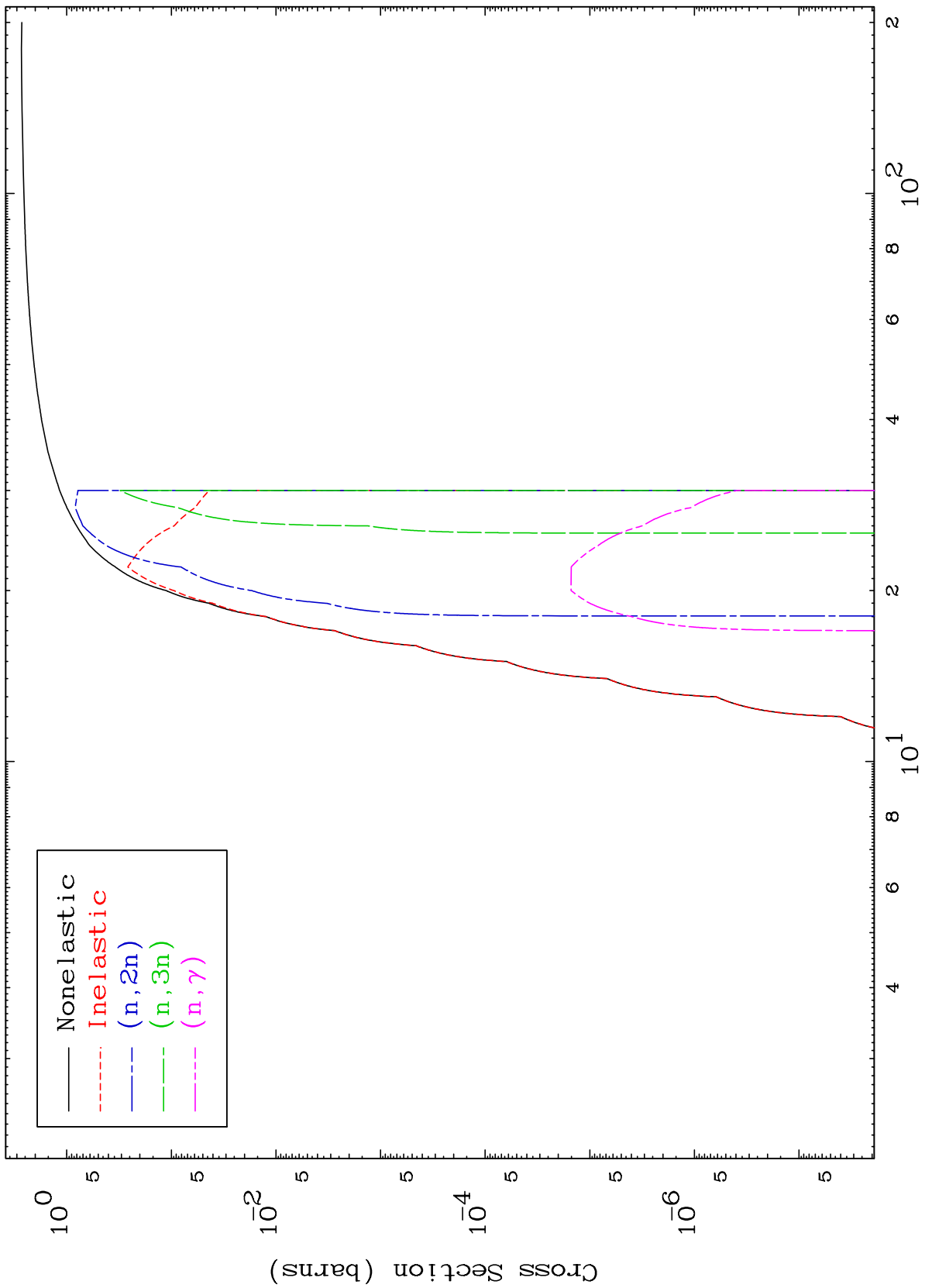
Press Mouse Button to Start

MAT 7723

0 Kelvin

Major Cross Sections

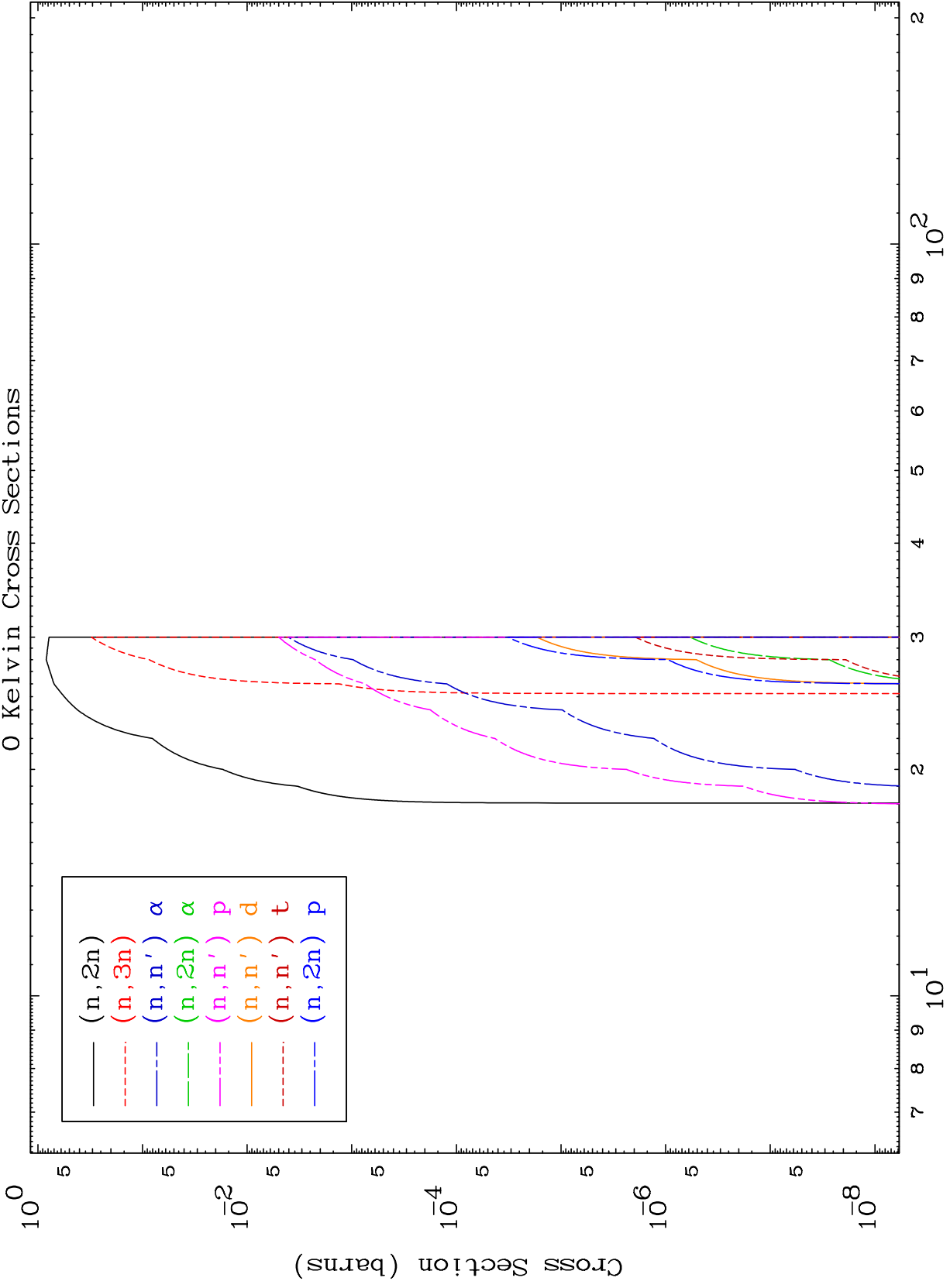
77-Ir-190m



MAT 7723

α Neutron Absorption
0 Kelvin Cross Sections

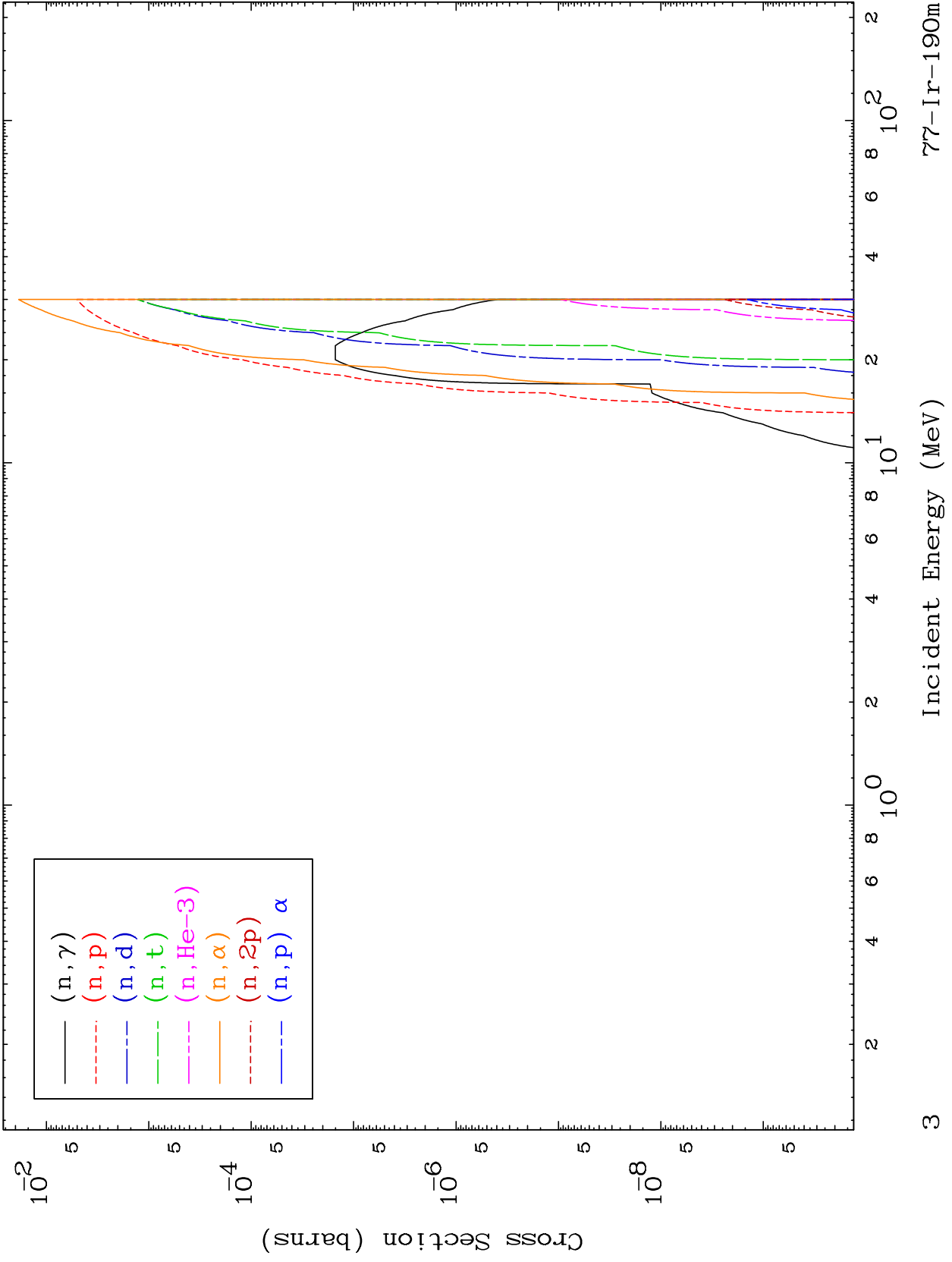
77-Ir-190m

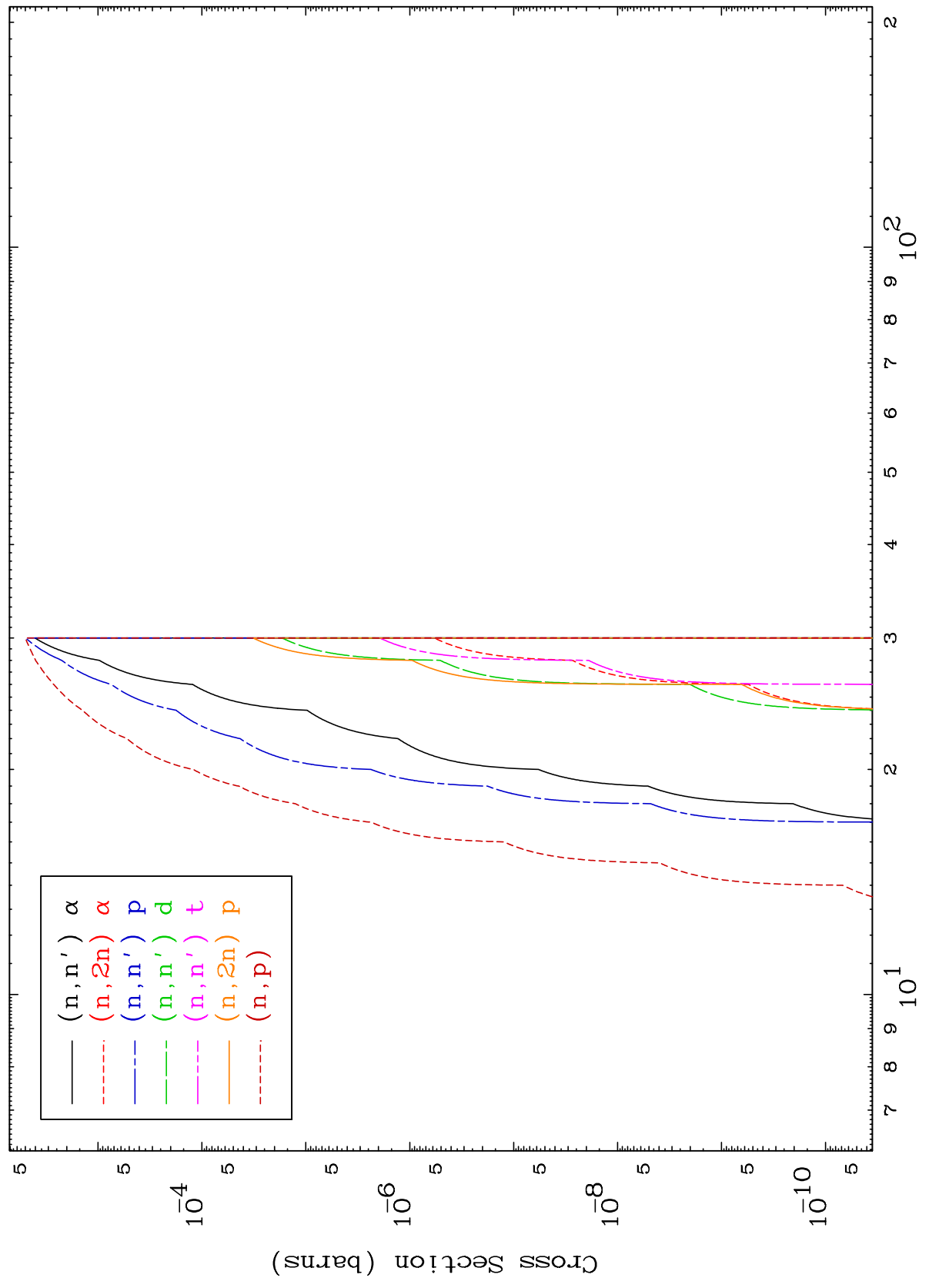


MAT 7723

α Neutron Absorption
0 Kelvin Cross Sections

77-Ir-190m

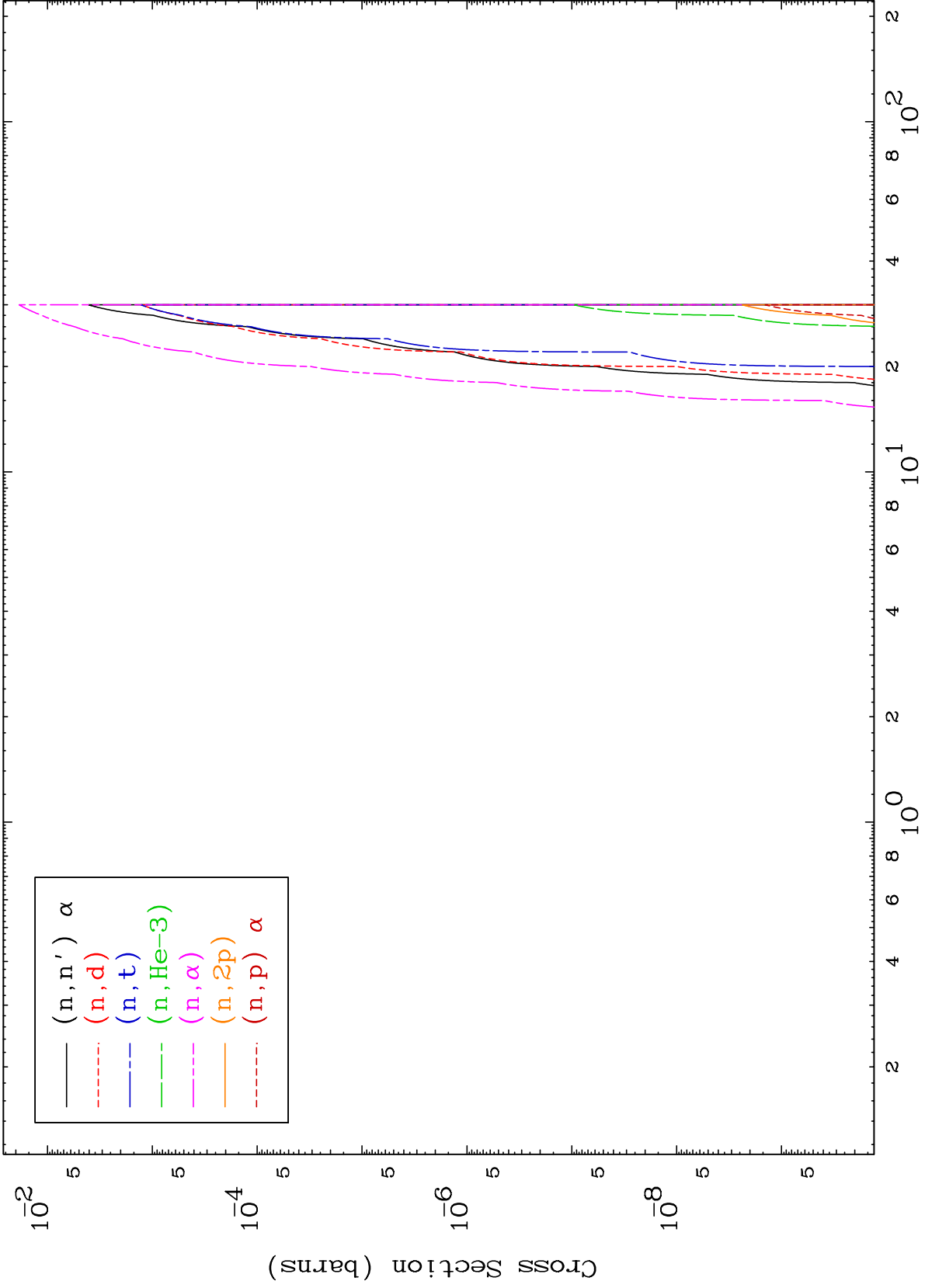




MAT 7723

α Charged Particle
0 Kelvin Cross Sections

77-Ir-190m



5

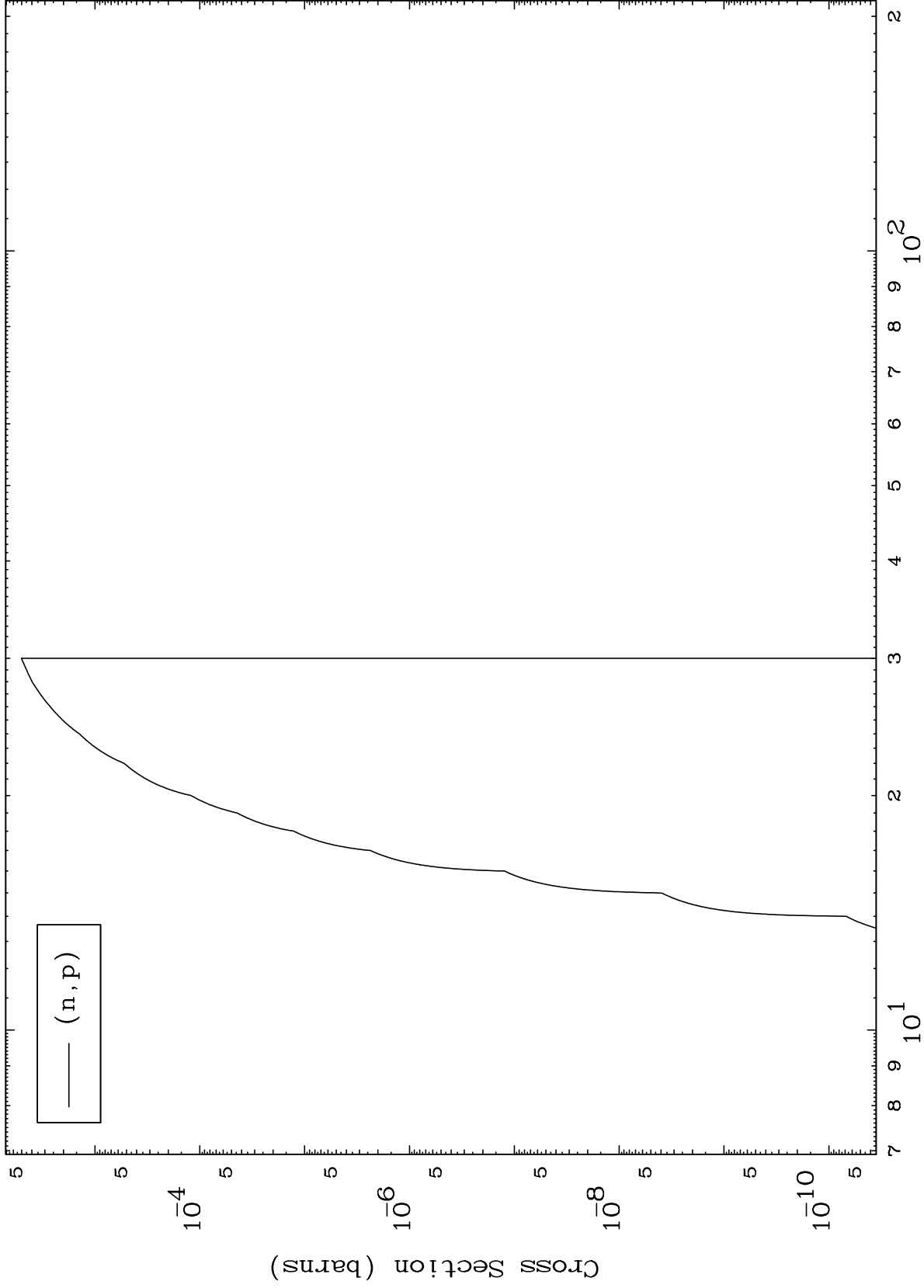
Incident Energy (MeV)

77-Ir-190m

MAT 7723

(α, p) Levels
0 Kelvin Cross Sections

$^{77}\text{Ir-190m}$



Incident Energy (MeV)

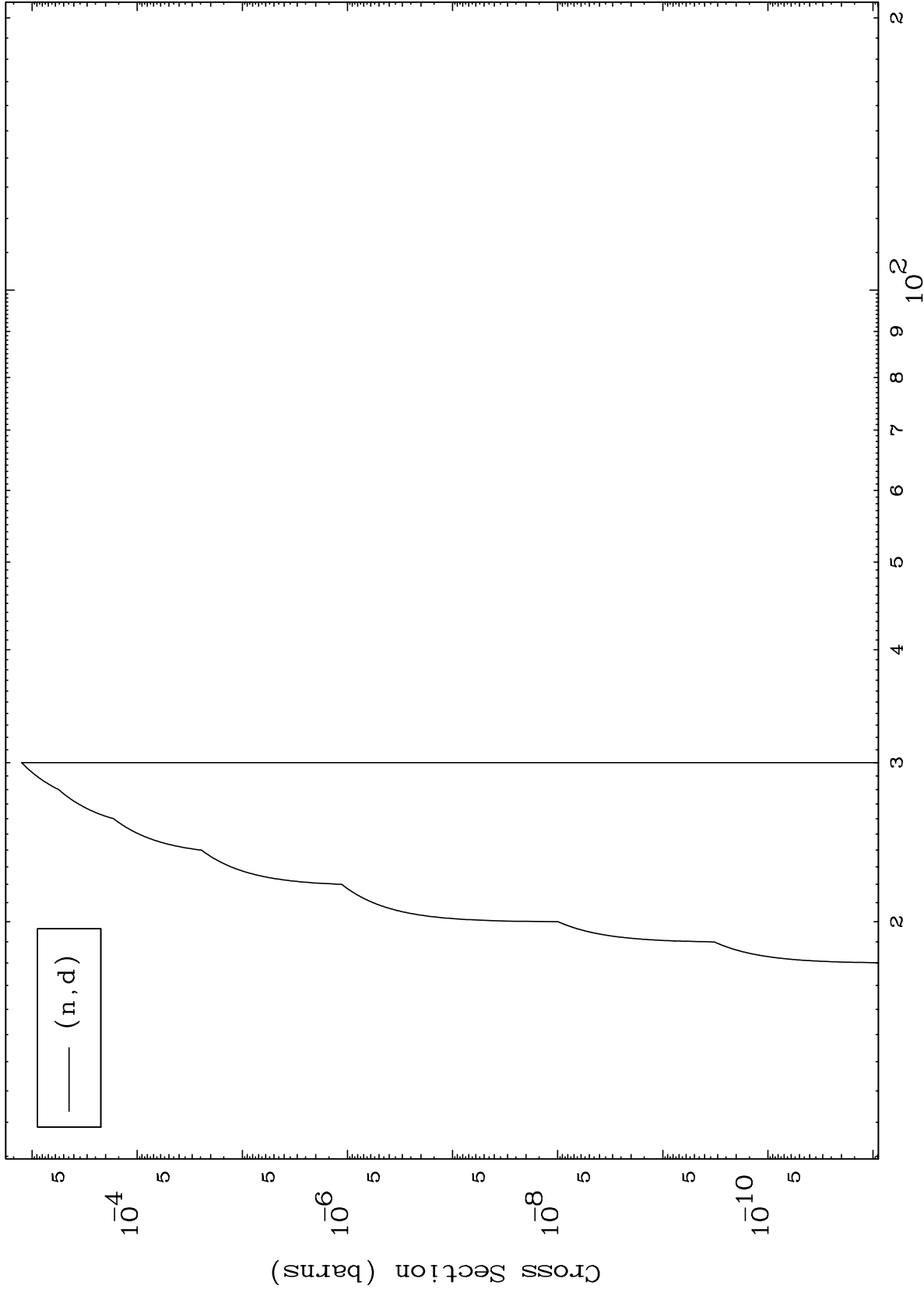
$^{77}\text{Ir-190m}$

6

MAT 7723

(α, d) Levels
0 Kelvin Cross Sections

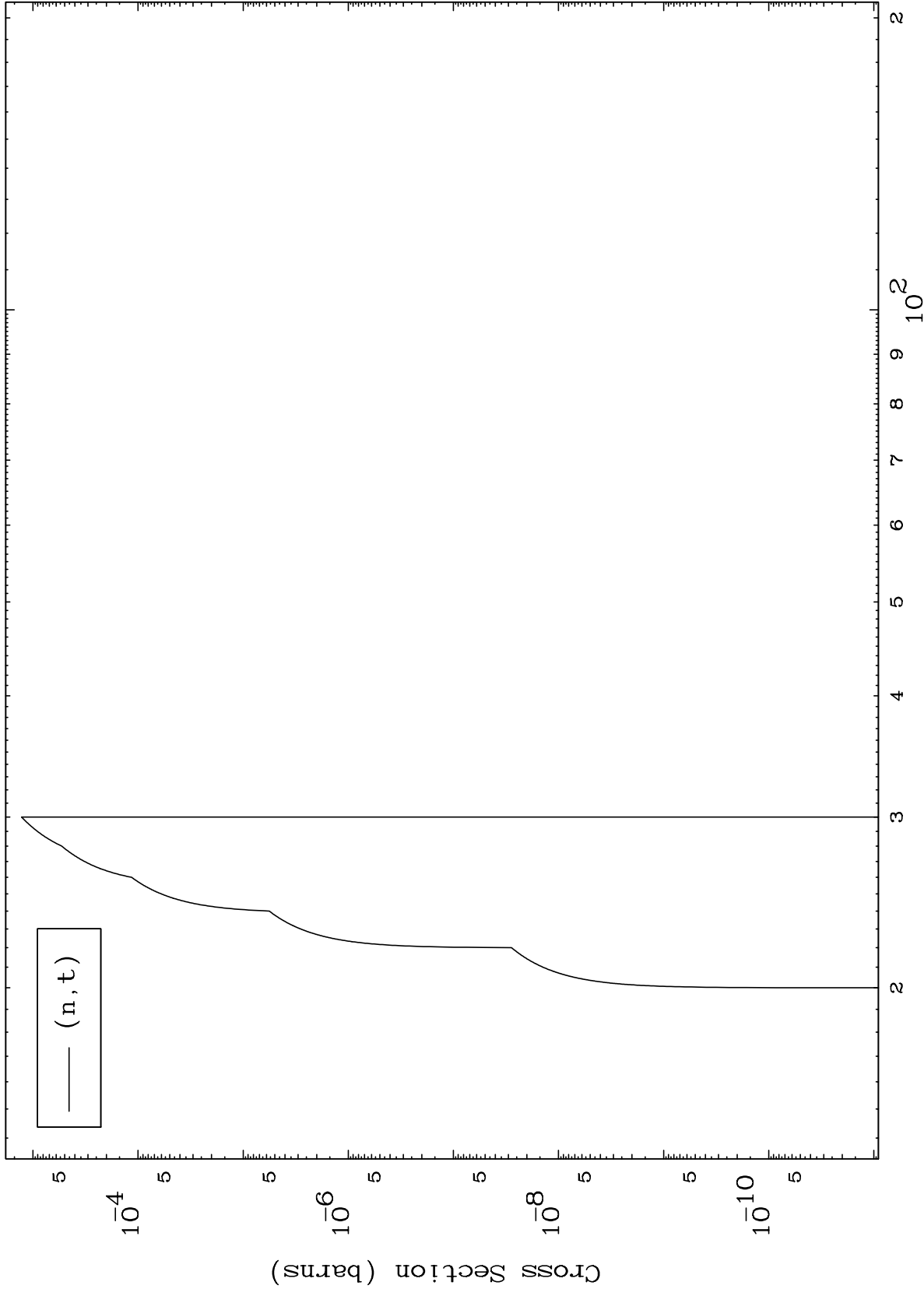
77-Ir-190m

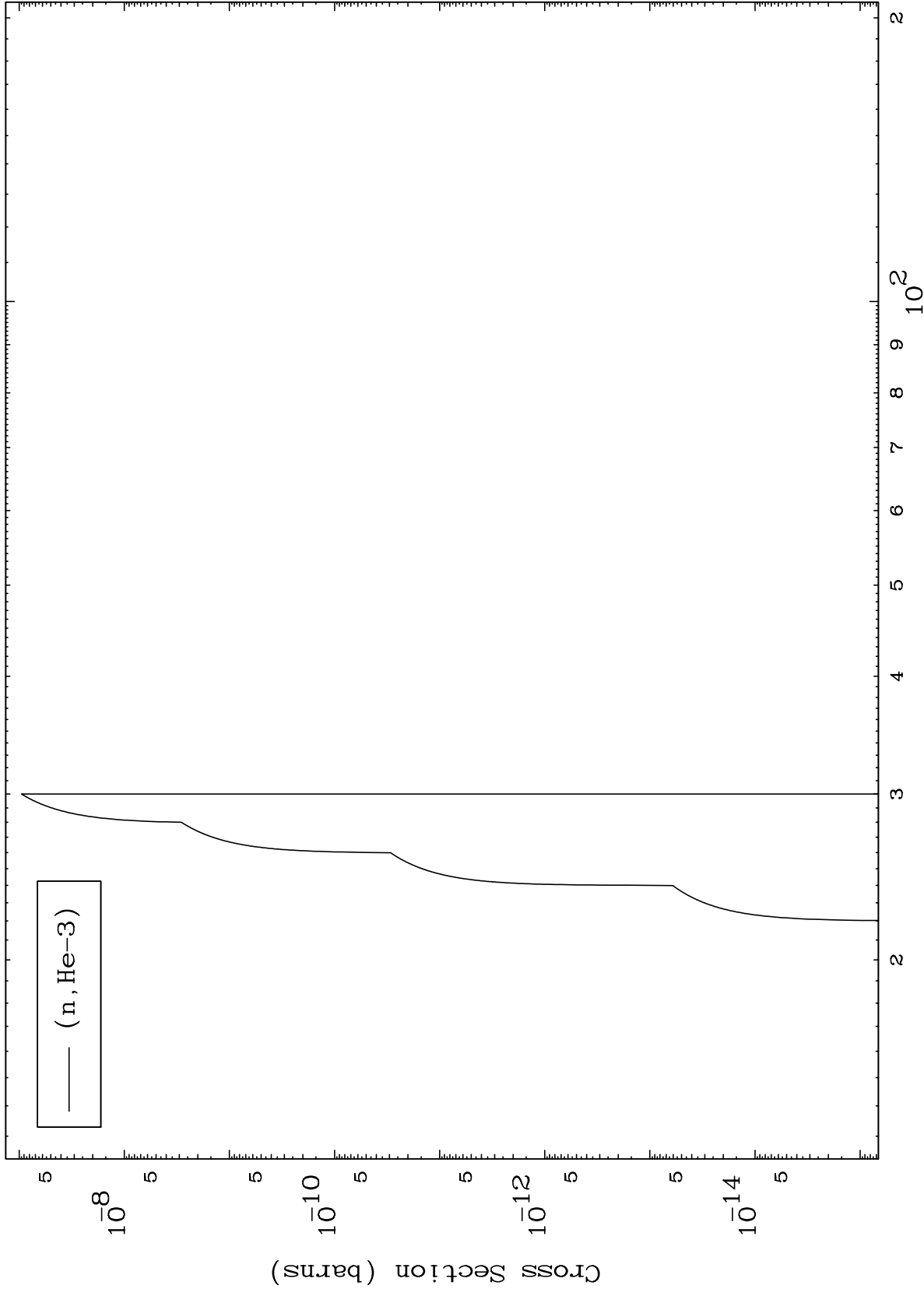


MAT 7723

(α, t) Levels
0 Kelvin Cross Sections

77-Ir-190m



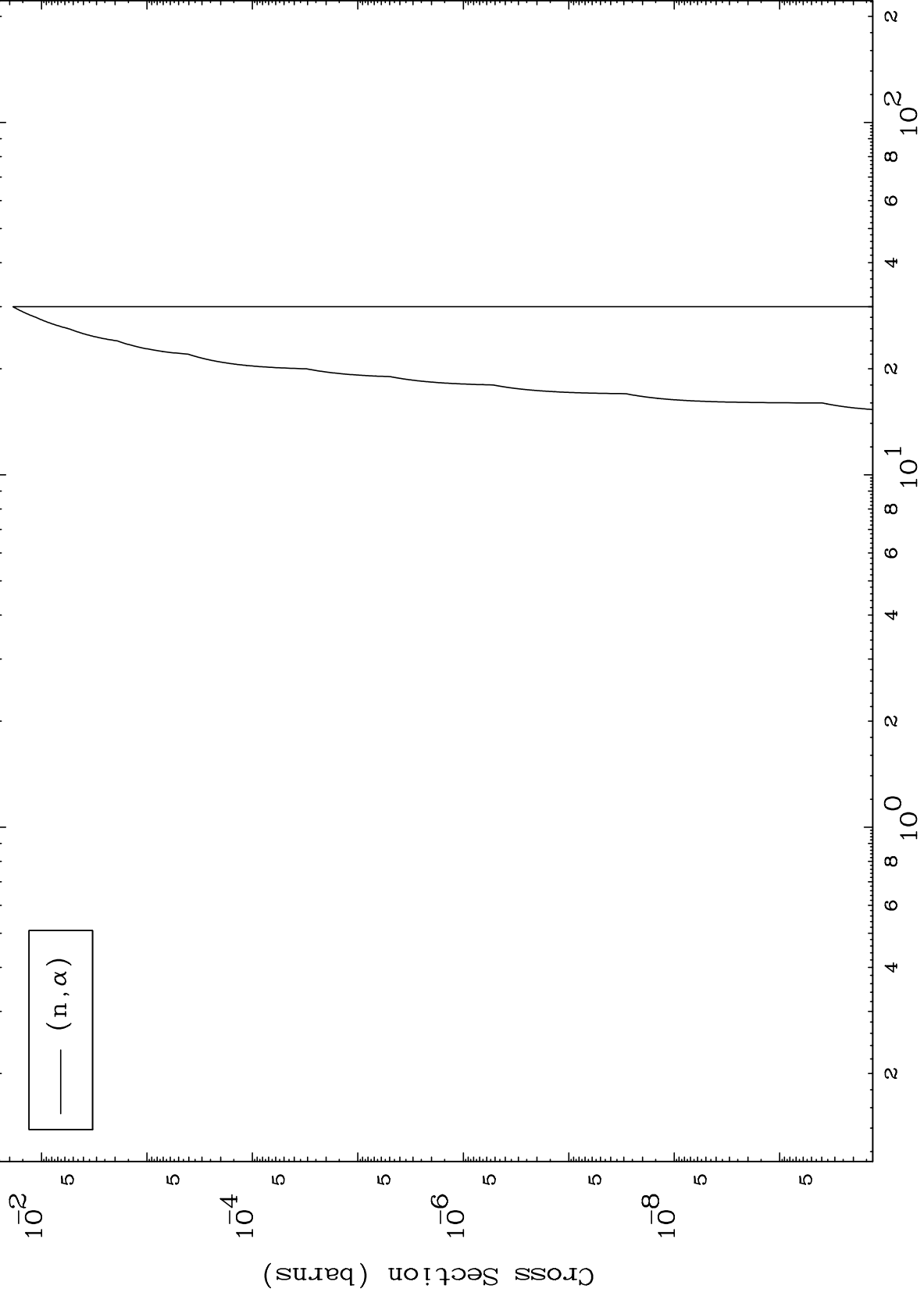


MAT 7723

(α, α) Levels

77-Ir-190m

0 Kelvin Cross Sections



10

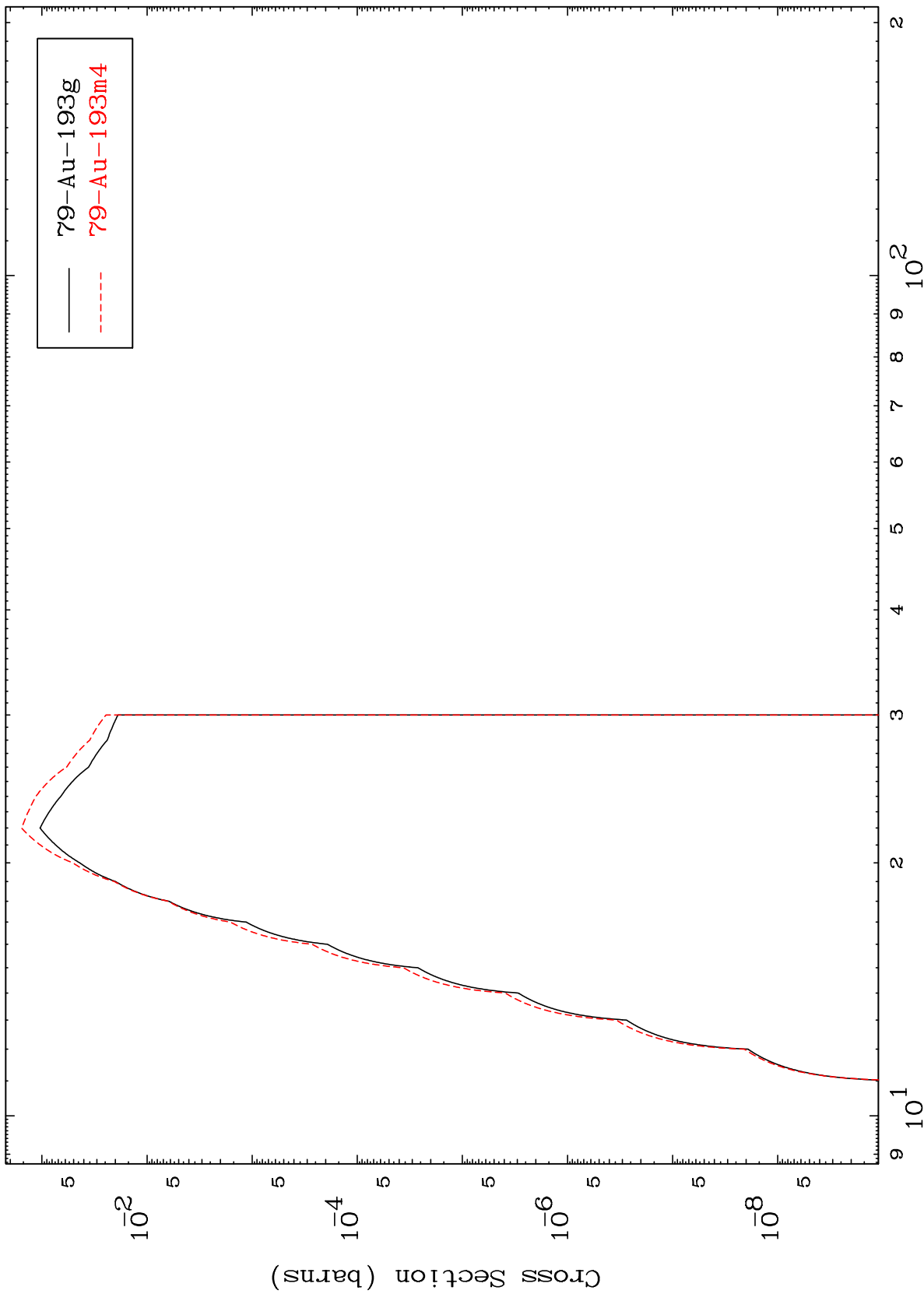
Incident Energy (MeV)

77-Ir-190m

MAT 7723

77-Ir-190m

Inelastic
Radionuclide Production Cross Section



77-Ir-190m

Incident Energy (MeV)

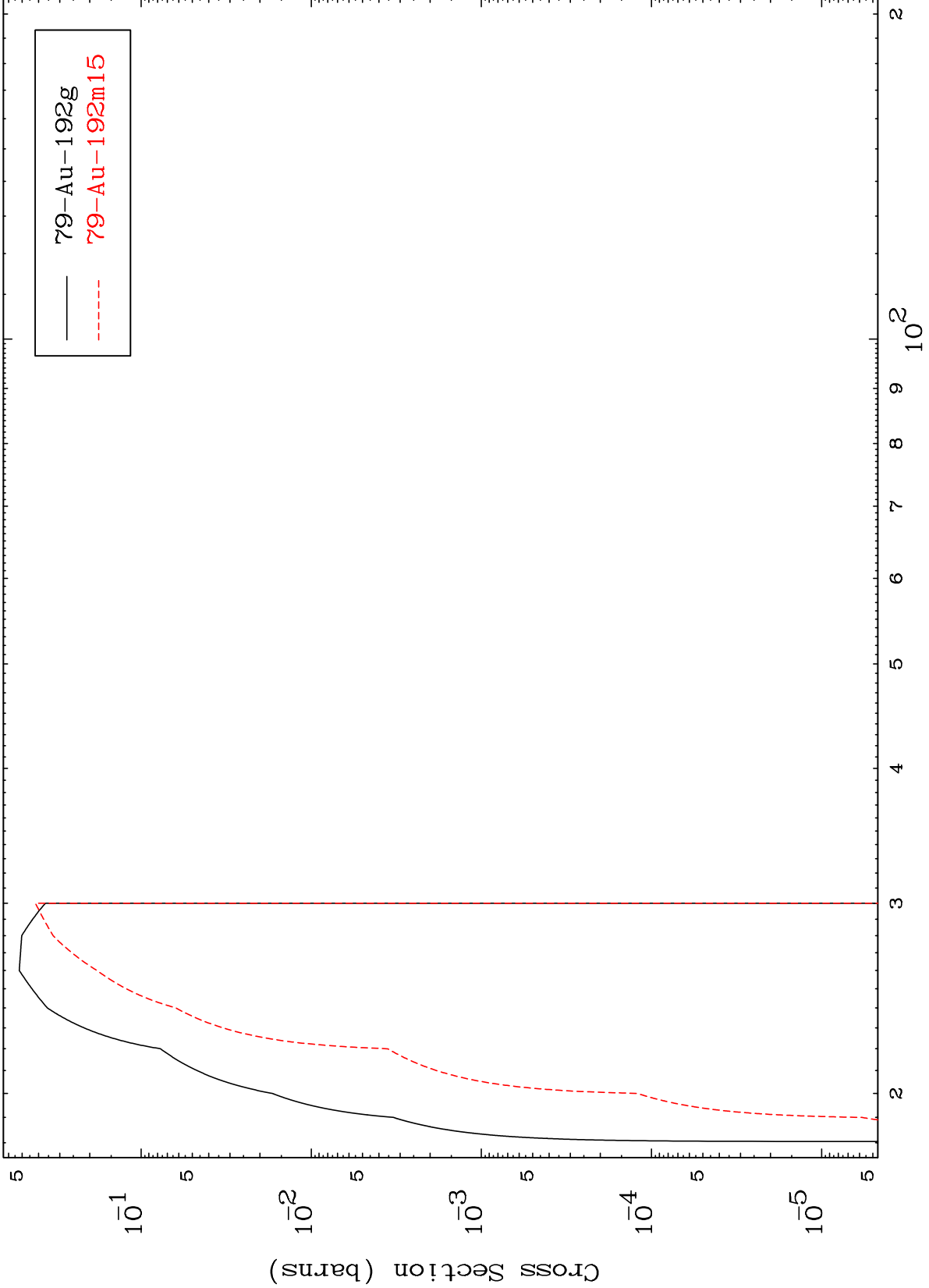
11

MAT 7723

(n,2n)

⁷⁷Ir-190m

Radionuclide Production Cross Section



— ⁷⁹Au-192g
- - - ⁷⁹Au-192m15

12

Incident Energy (MeV)

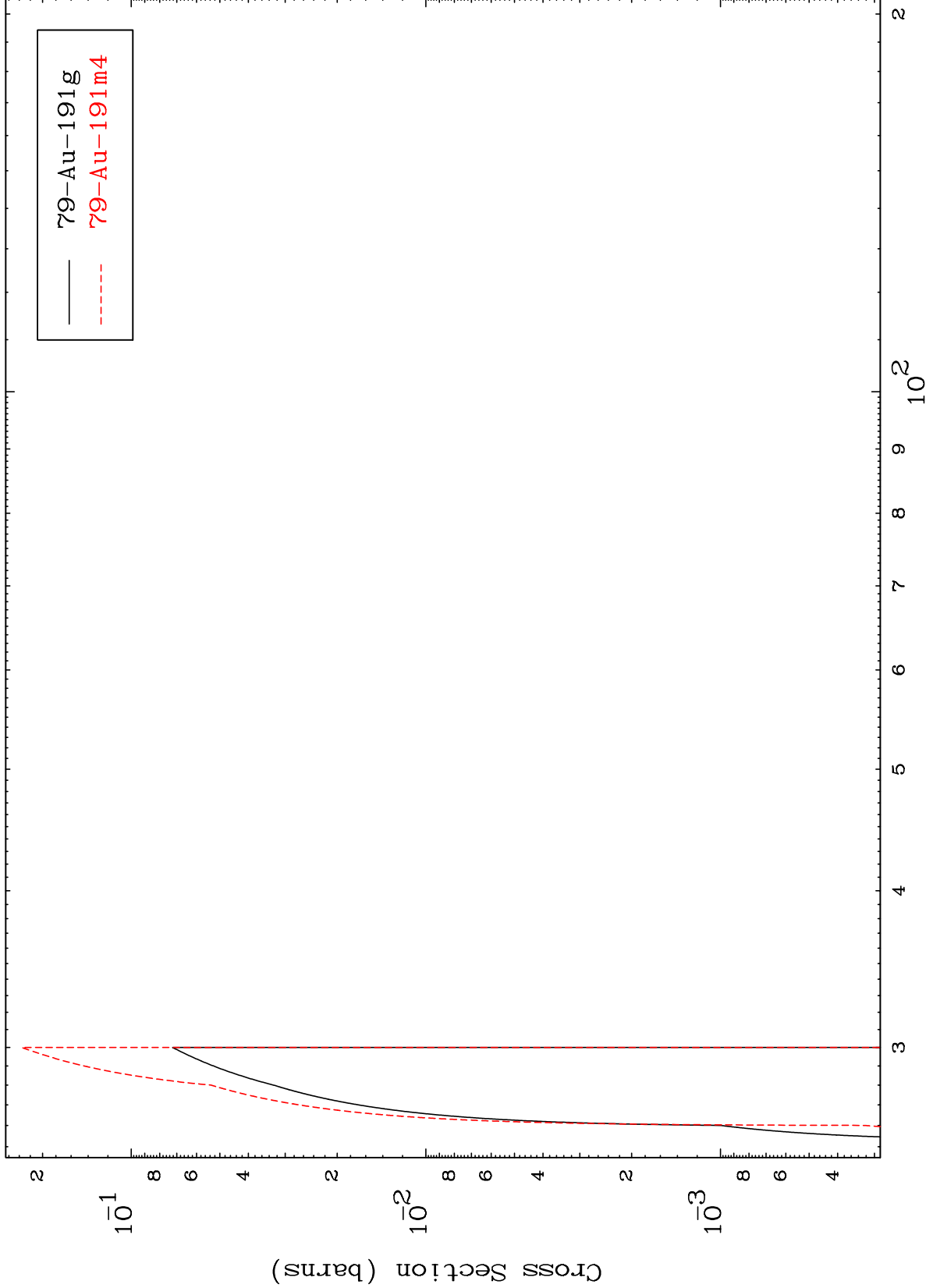
⁷⁷Ir-190m

MAT 7723

(n,3n)

⁷⁷Ir-190m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

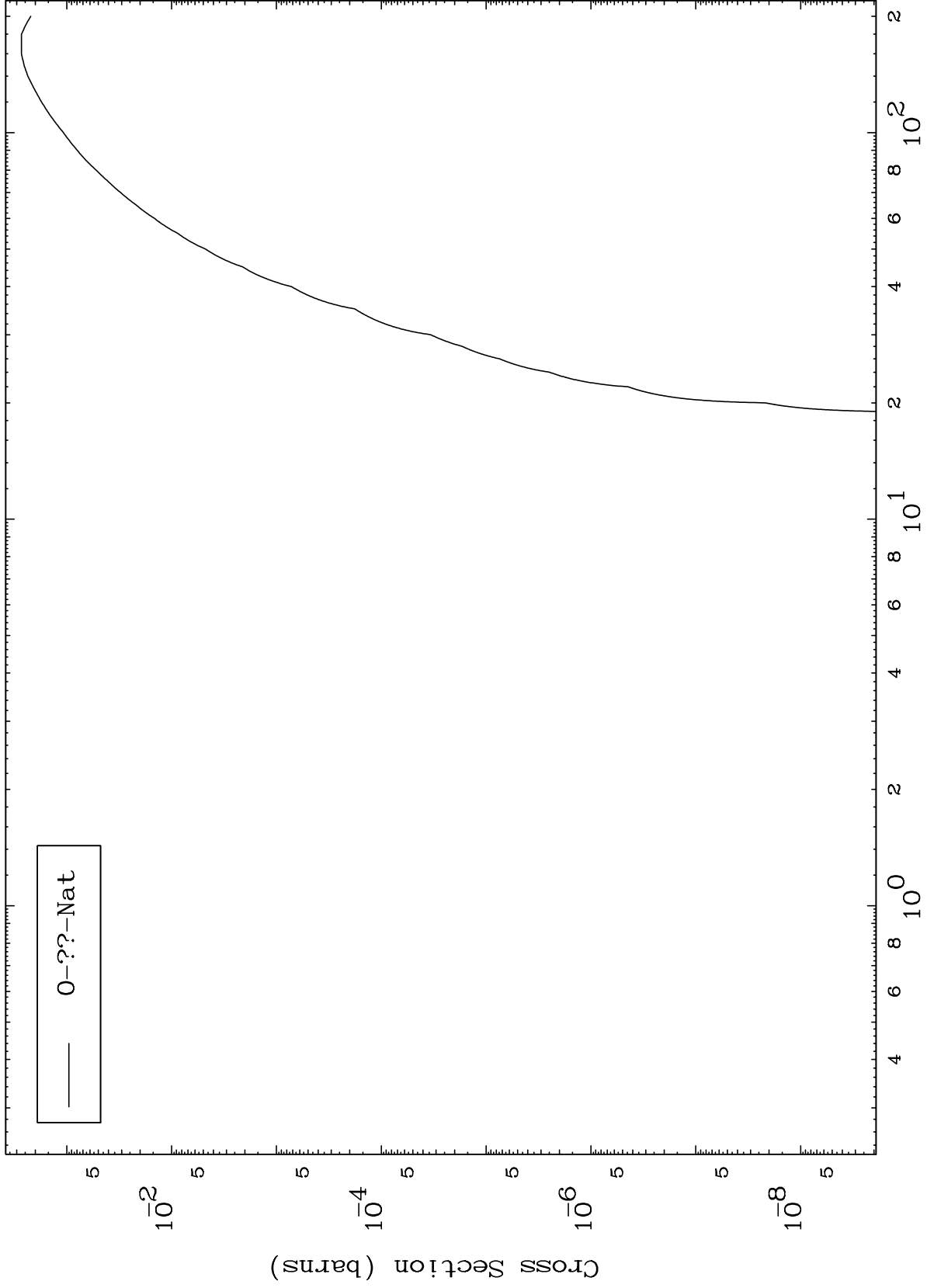
⁷⁷Ir-190m

MAT 7723

Fission

⁷⁷Ir-190m

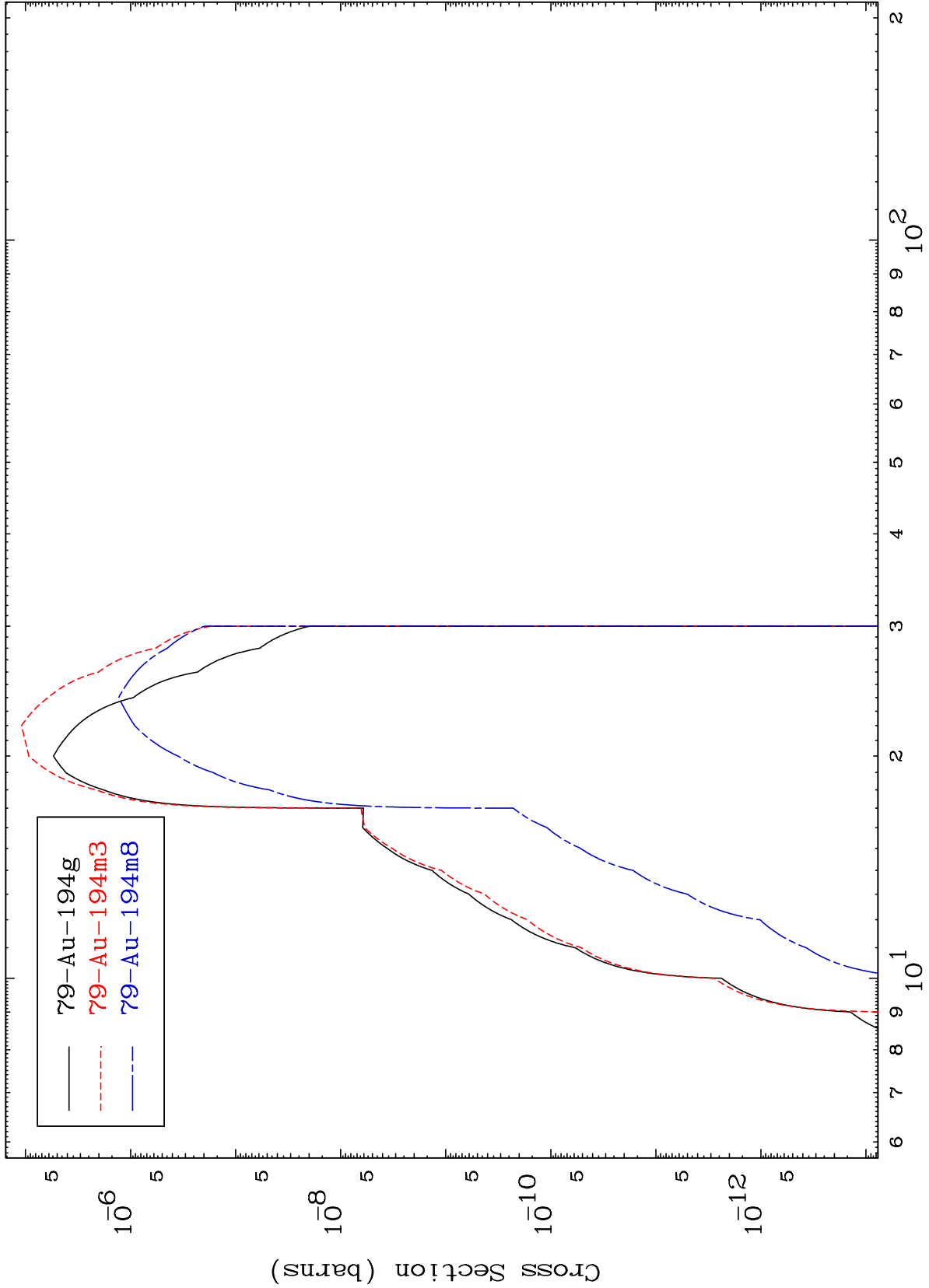
Radionuclide Production Cross Section



MAT 7723

⁷⁷Ir-190m

Radionuclide Production Cross Section (n,γ)



15

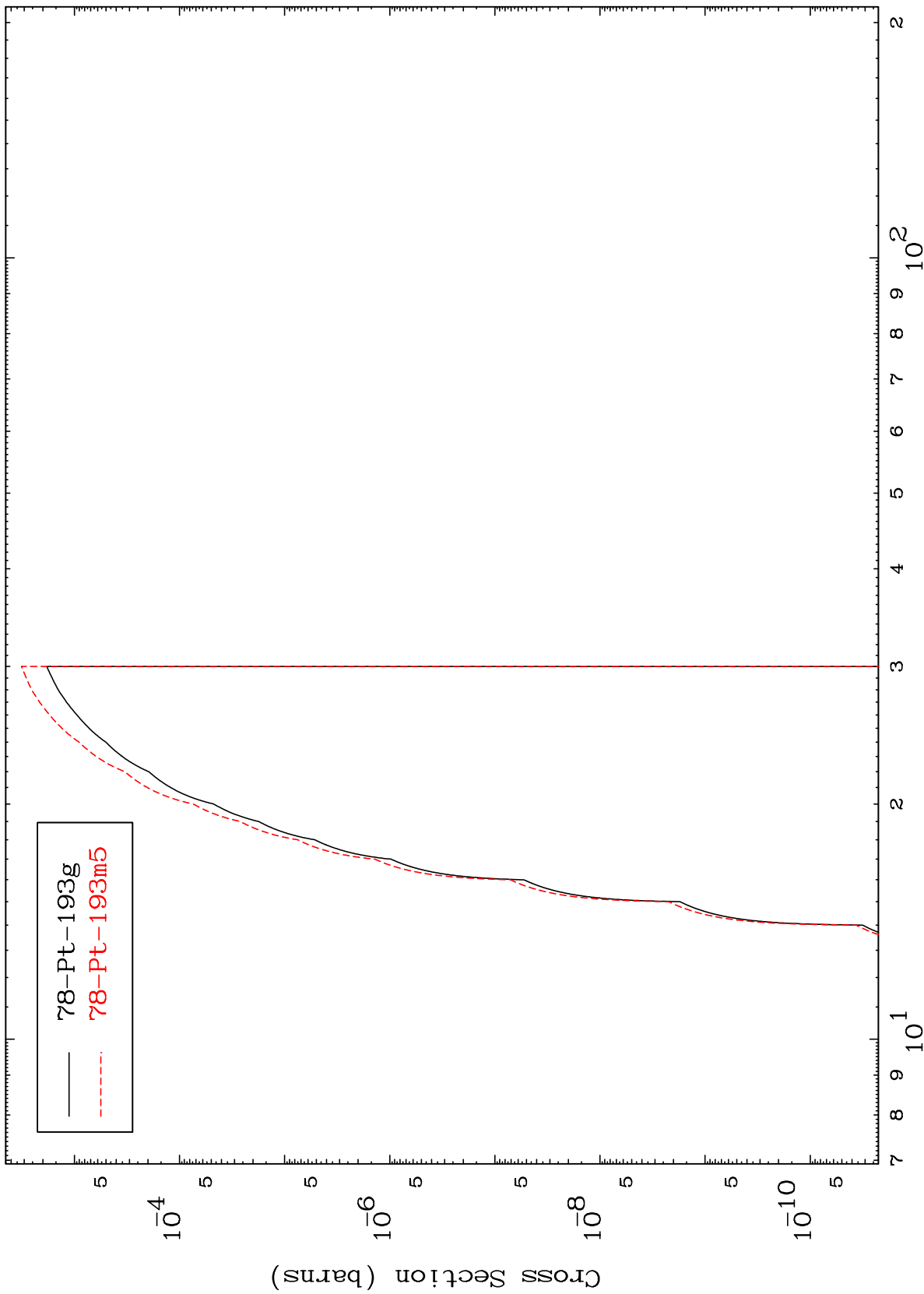
Incident Energy (MeV)

⁷⁷Ir-190m

MAT 7723

⁷⁷Ir-190m

Radionuclide Production Cross Section (n,p)



16

Incident Energy (MeV)

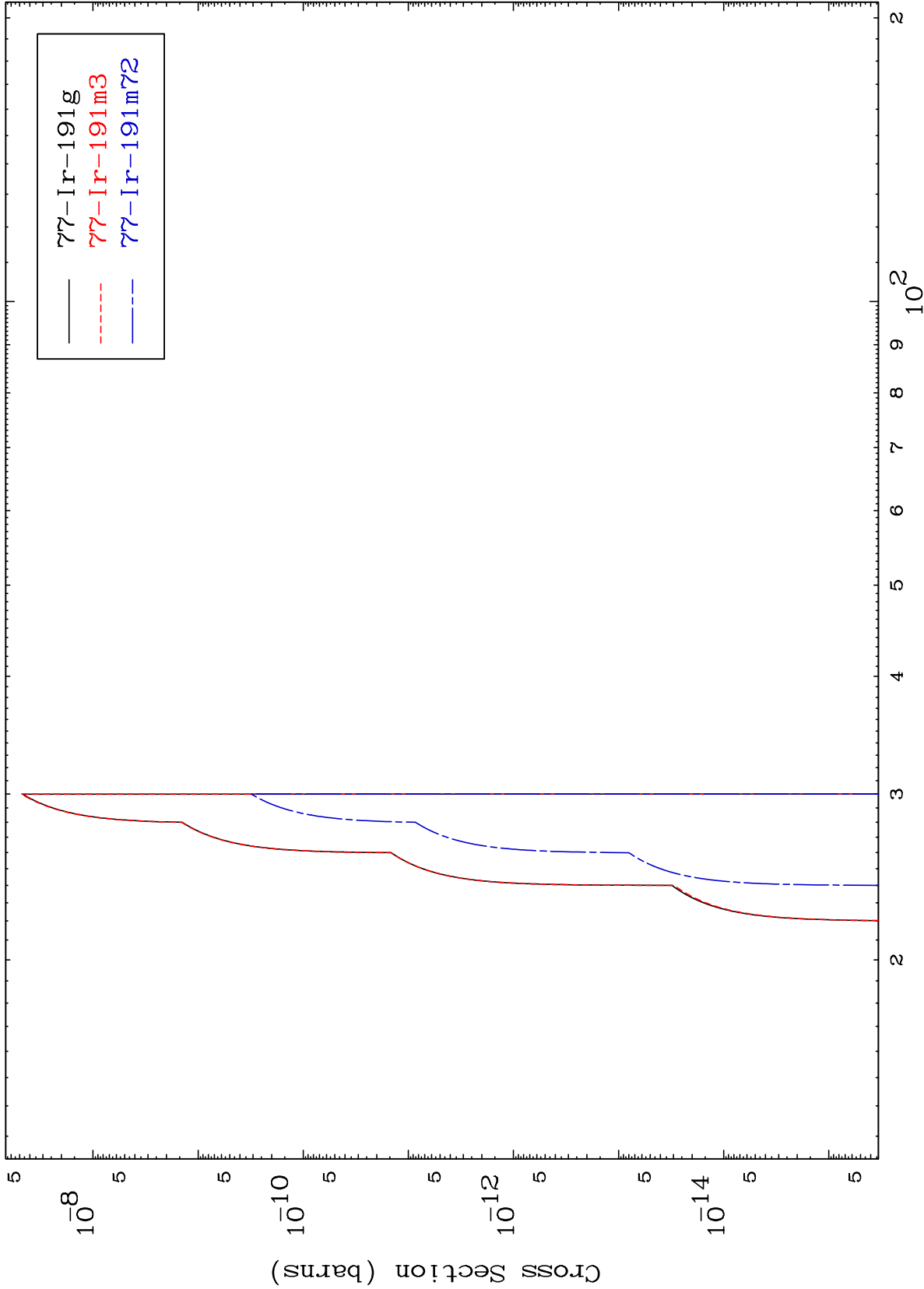
⁷⁷Ir-190m

MAT 7723

(n,He-3)

77-Ir-190m

Radionuclide Production Cross Section

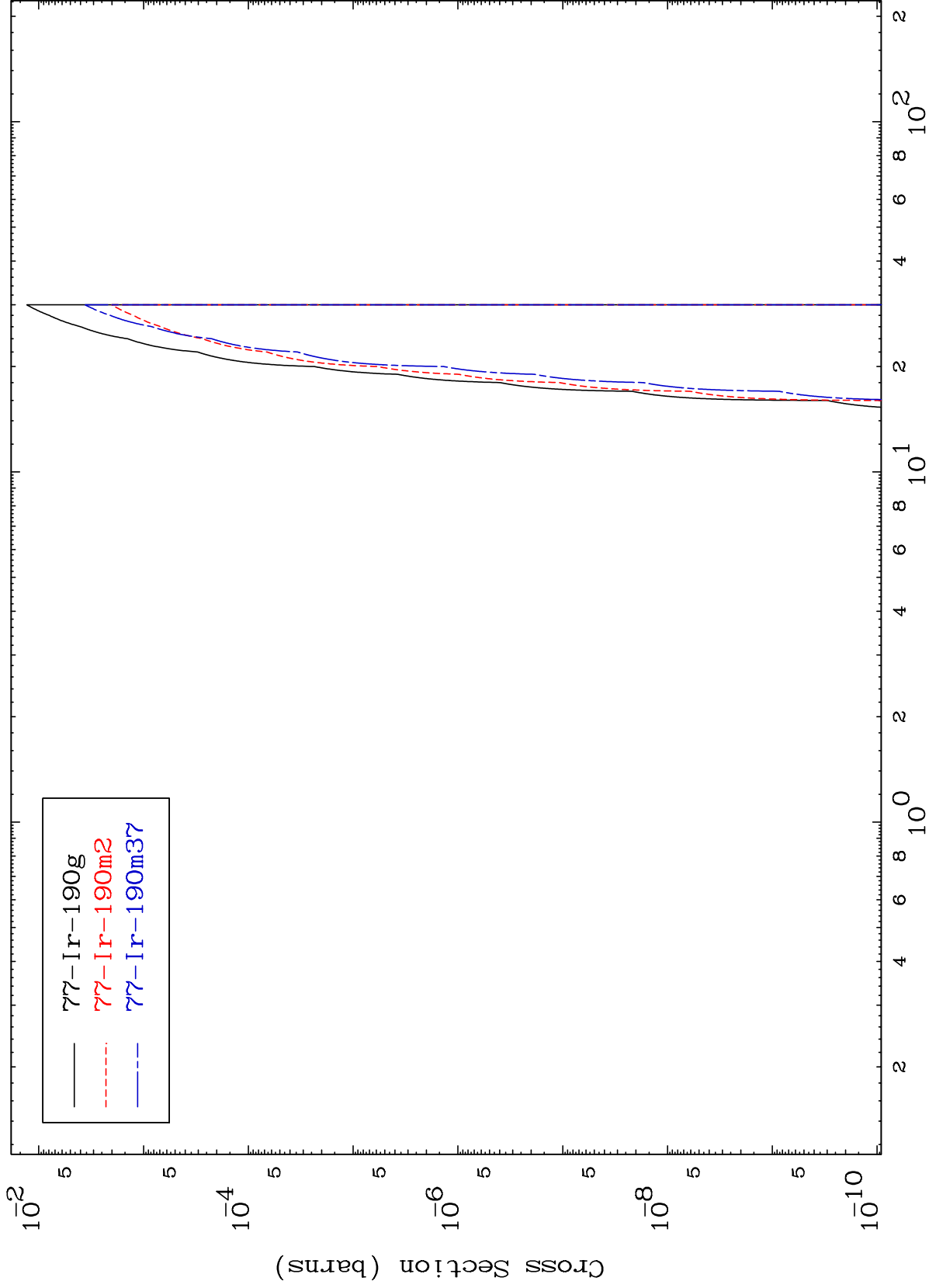


MAT 7723

(n, α)

⁷⁷Ir-190m

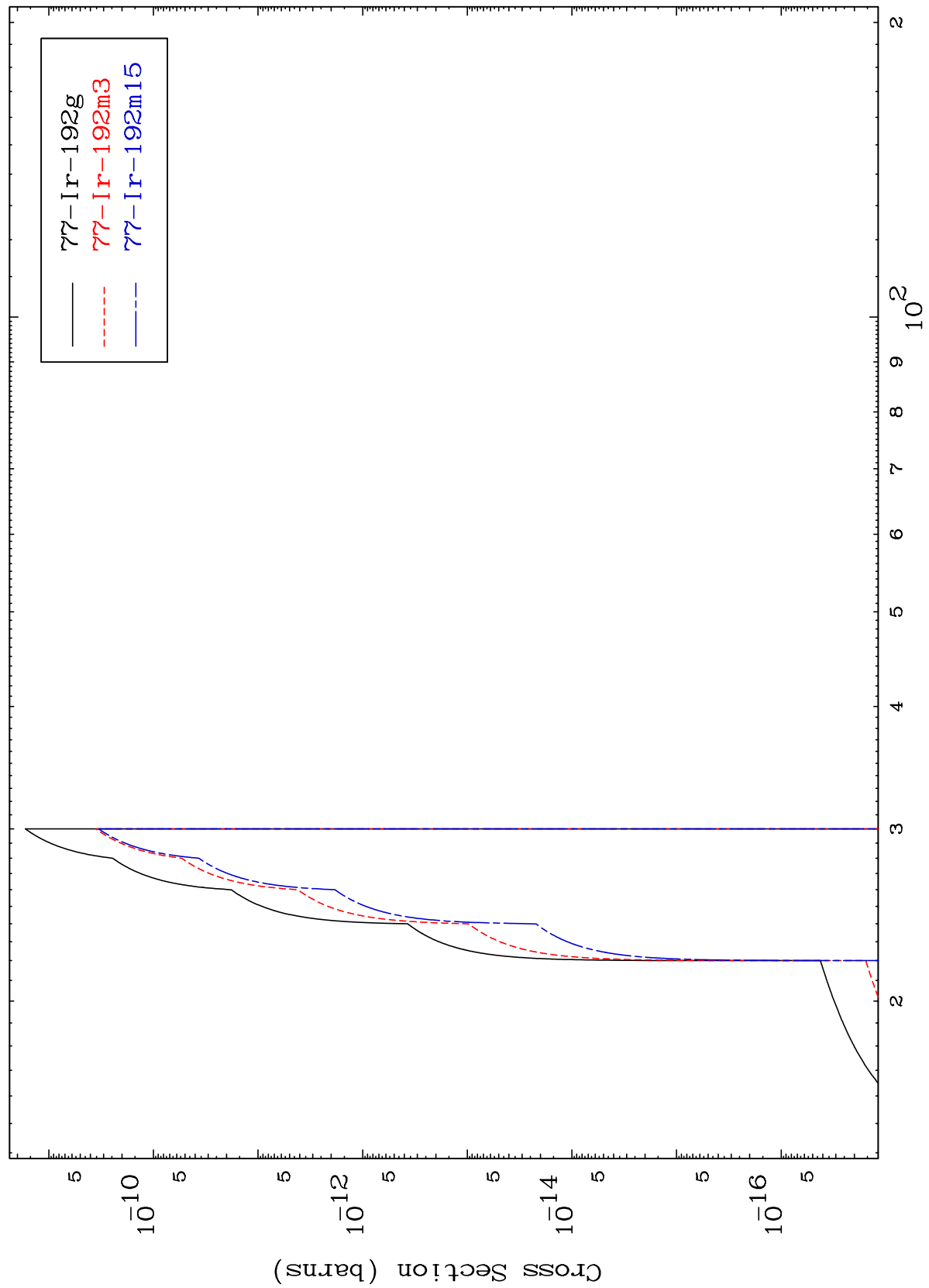
Radionuclide Production Cross Section



MAT 7723

⁷⁷Ir-190m

(n,2p)
Radionuclide Production Cross Section



19

⁷⁷Ir-190m

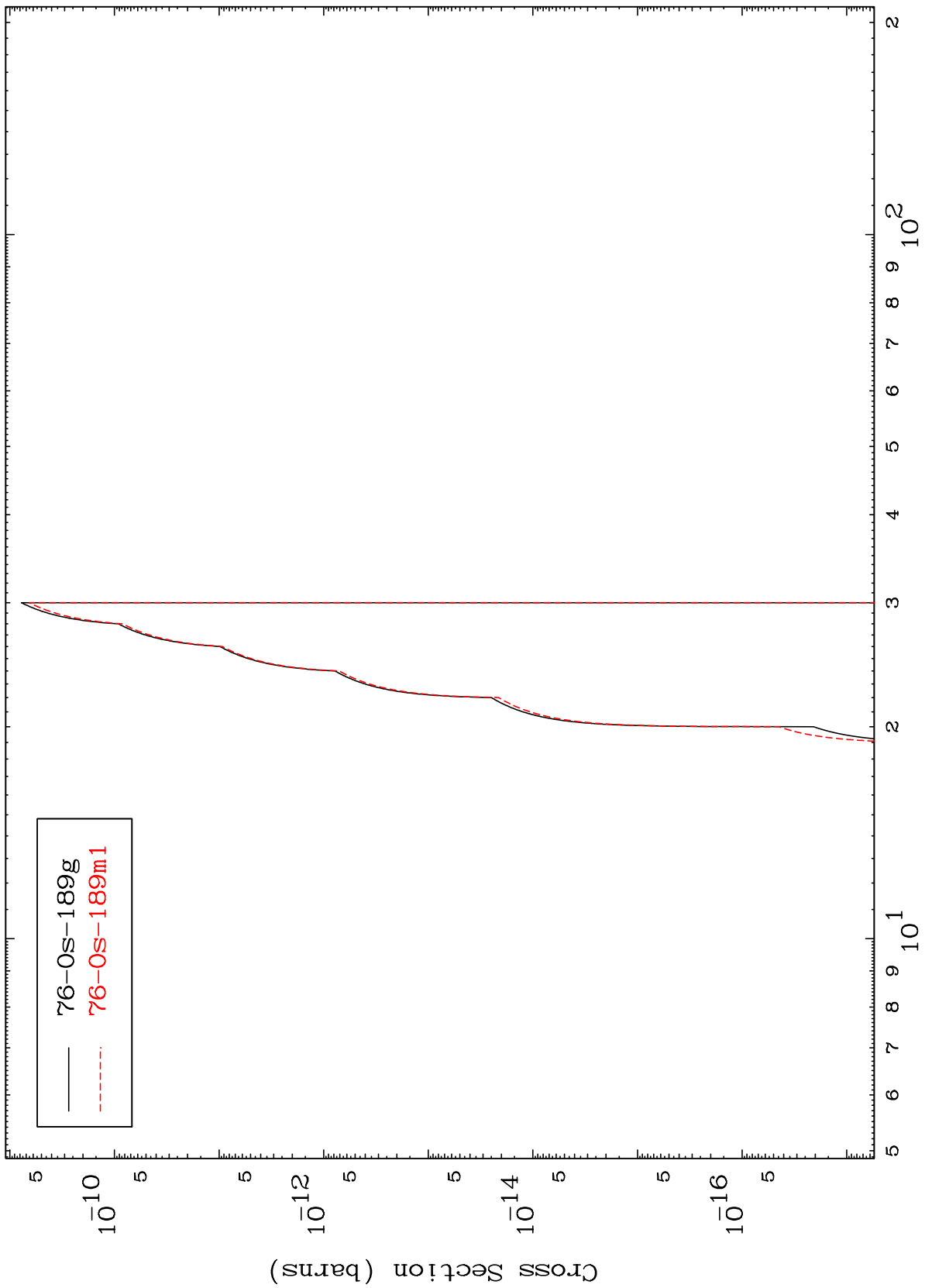
Incident Energy (MeV)

MAT 7723

^{77}Ir α

^{77}Ir -190m

Radionuclide Production Cross Section



— ^{76}Os -189g
- - - ^{76}Os -189m1

20

Incident Energy (MeV)

^{77}Ir -190m