

Program EVALPLOT
(Version 2021-1)

by

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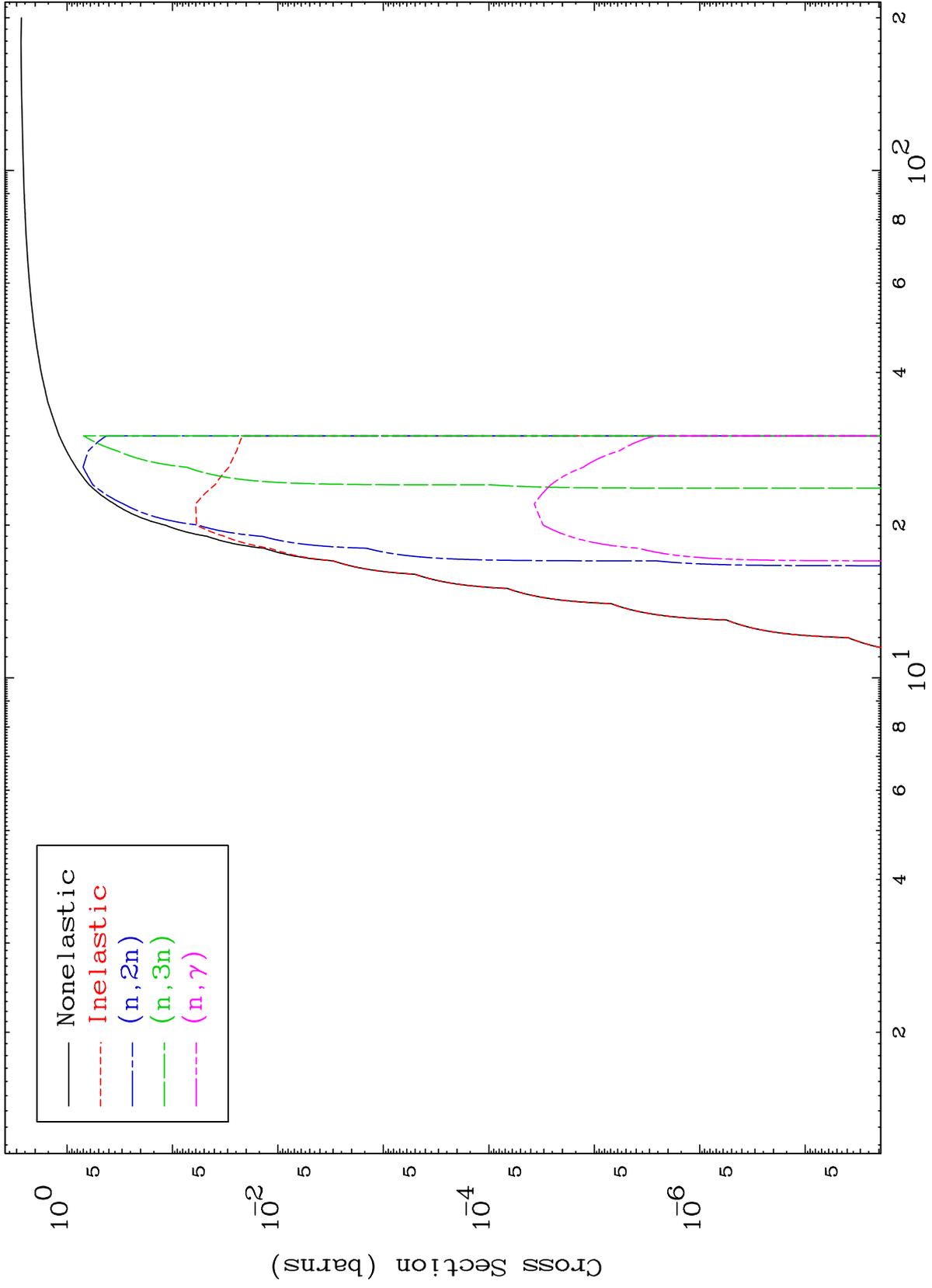
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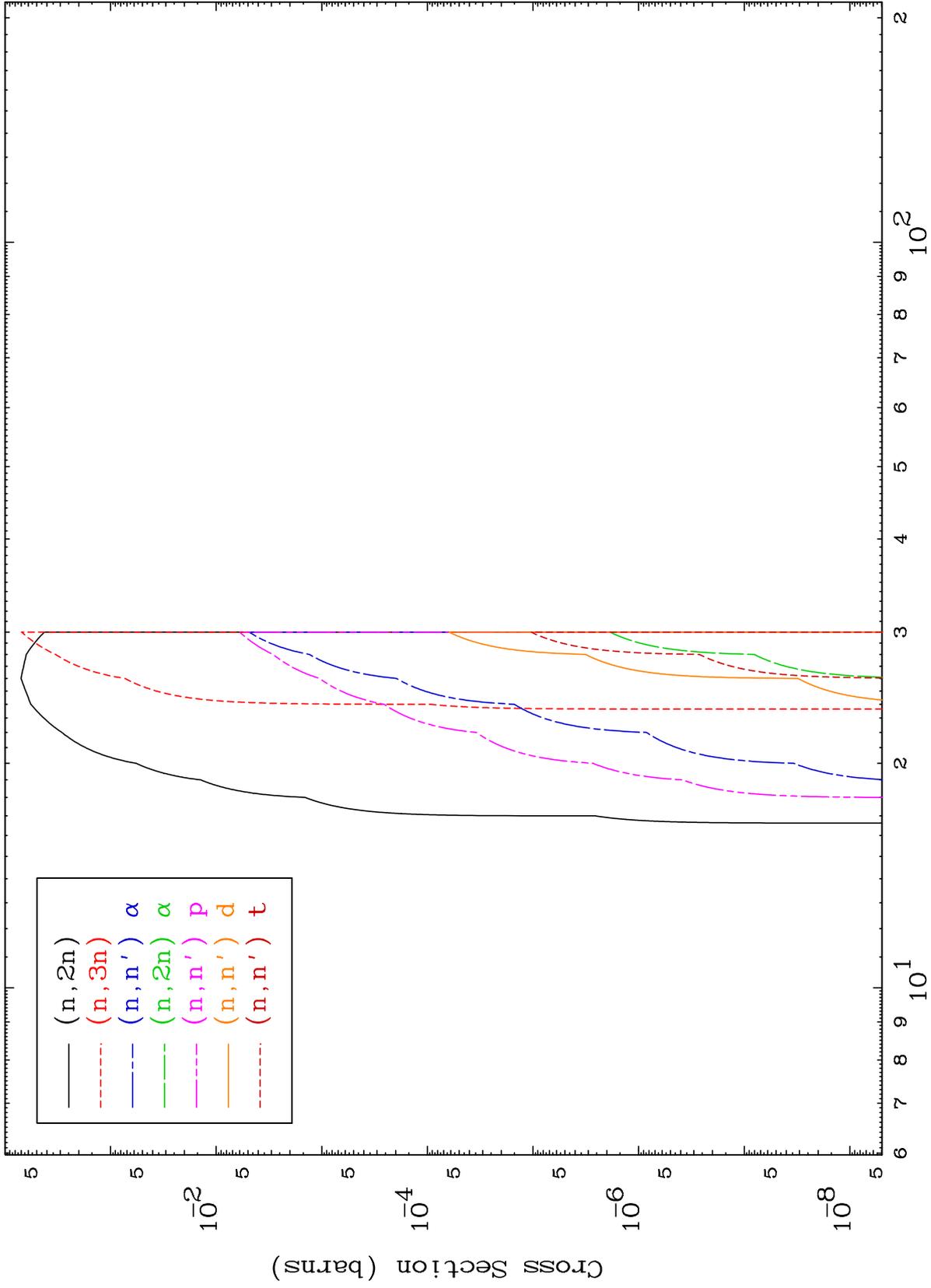
Press Mouse Button to Start

MAT 7729

0 Kelvin Cross Sections

77-Ir-192m

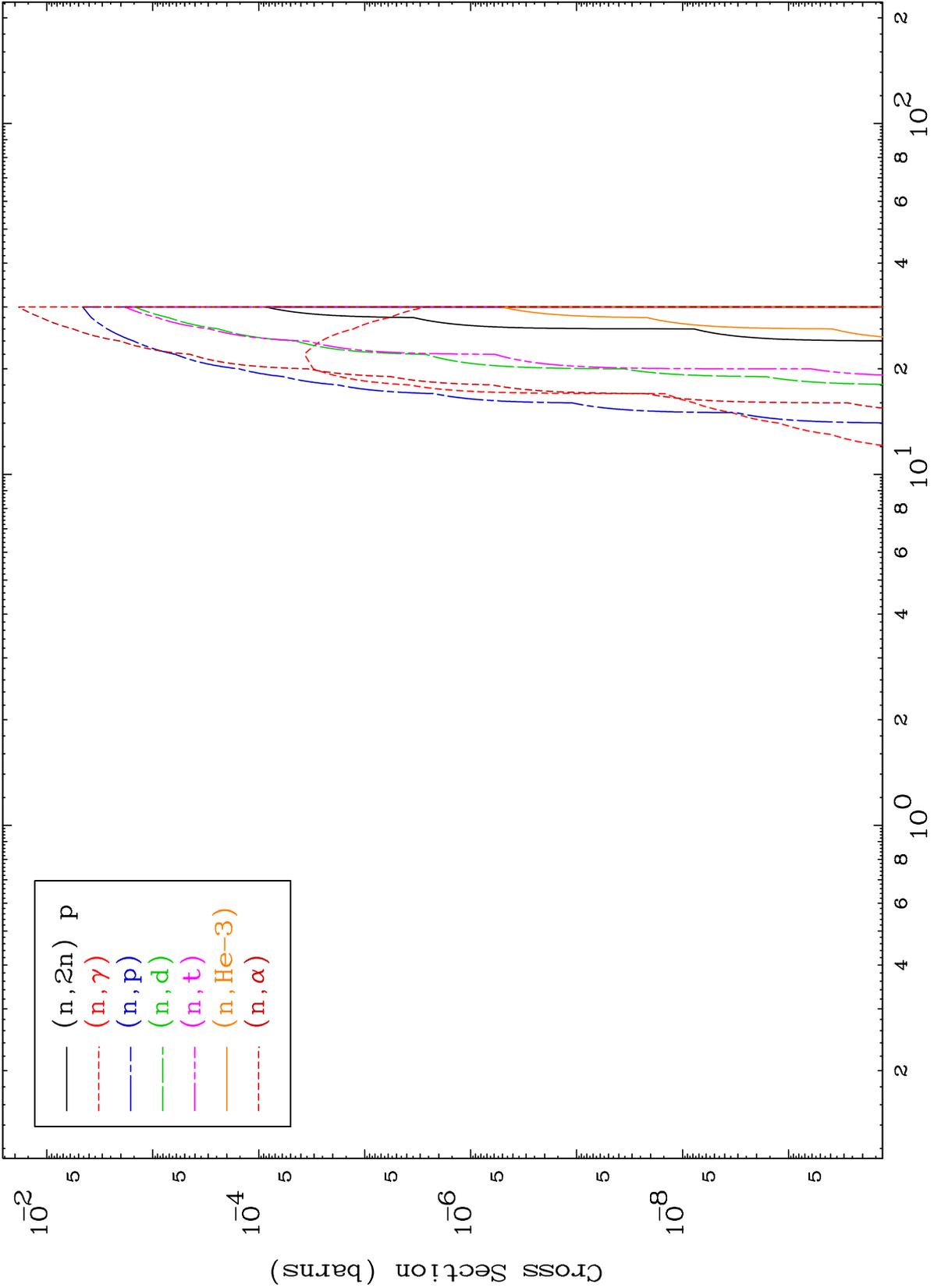




MAT 7729

α Neutron Absorption
0 Kelvin Cross Sections

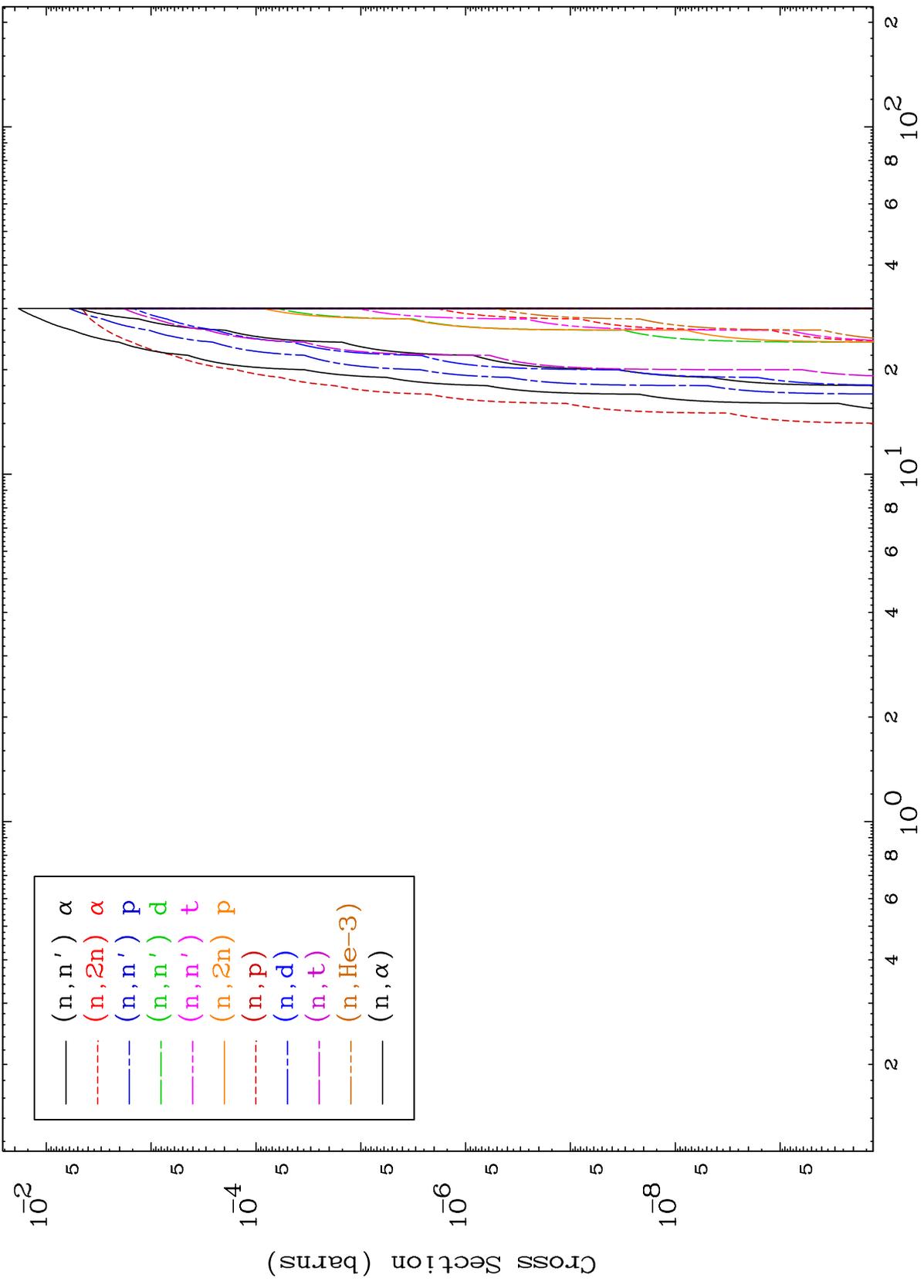
77-Ir-192m



MAT 7729

α Charged Particle
0 Kelvin Cross Sections

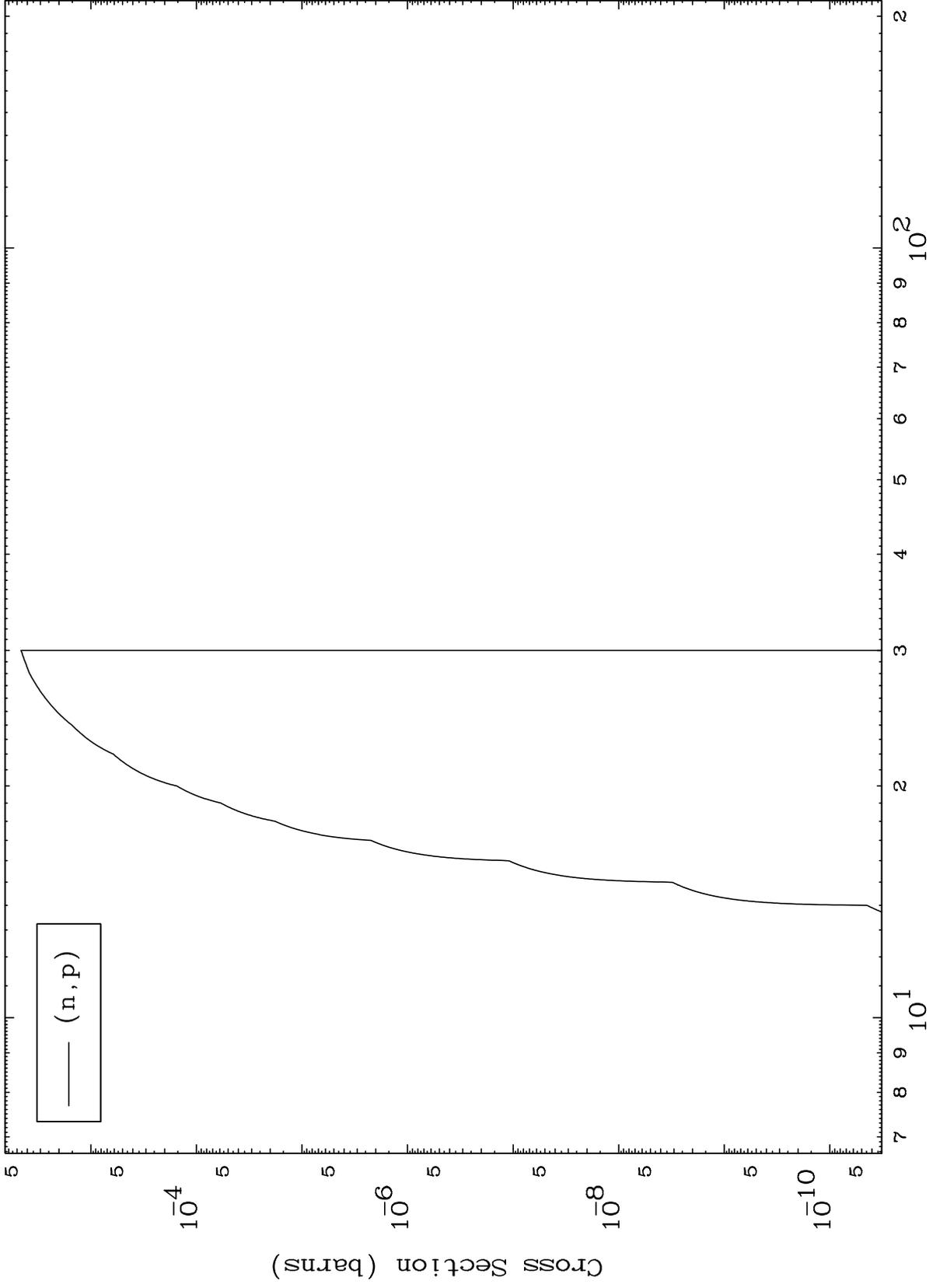
77-Ir-192m



MAT 7729

(α, p) Levels
0 Kelvin Cross Sections

77-Ir-192m



5

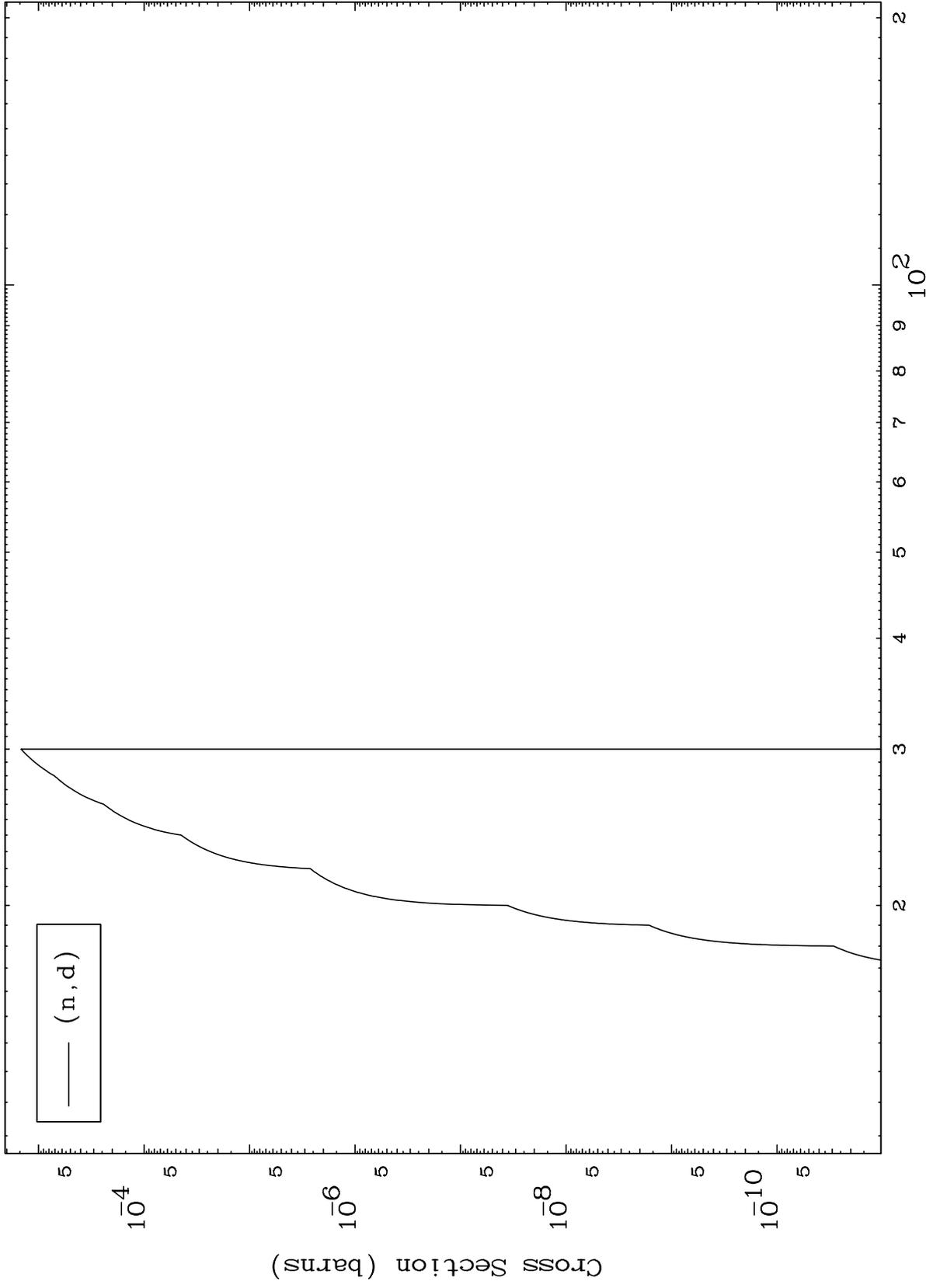
Incident Energy (MeV)

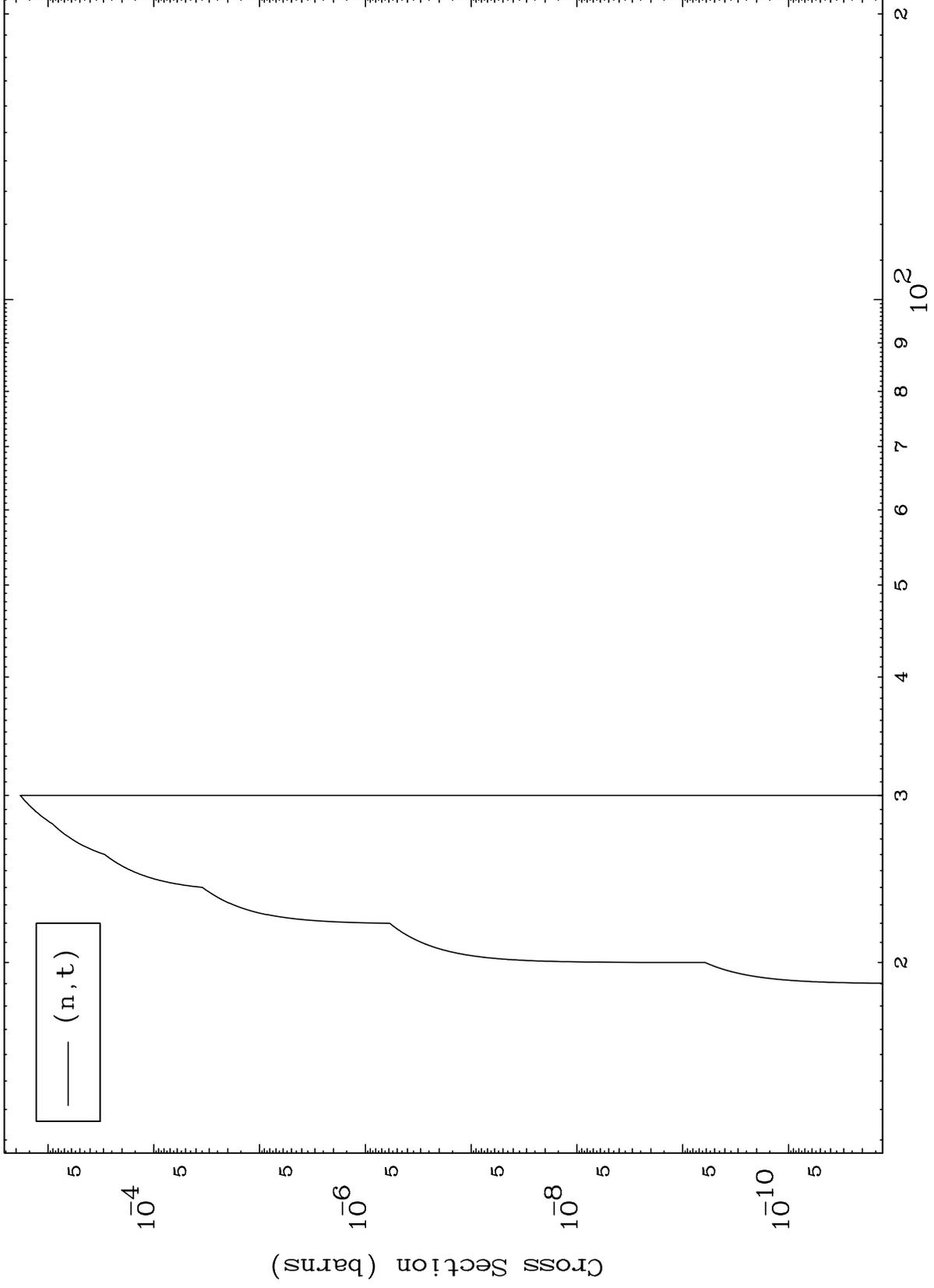
77-Ir-192m

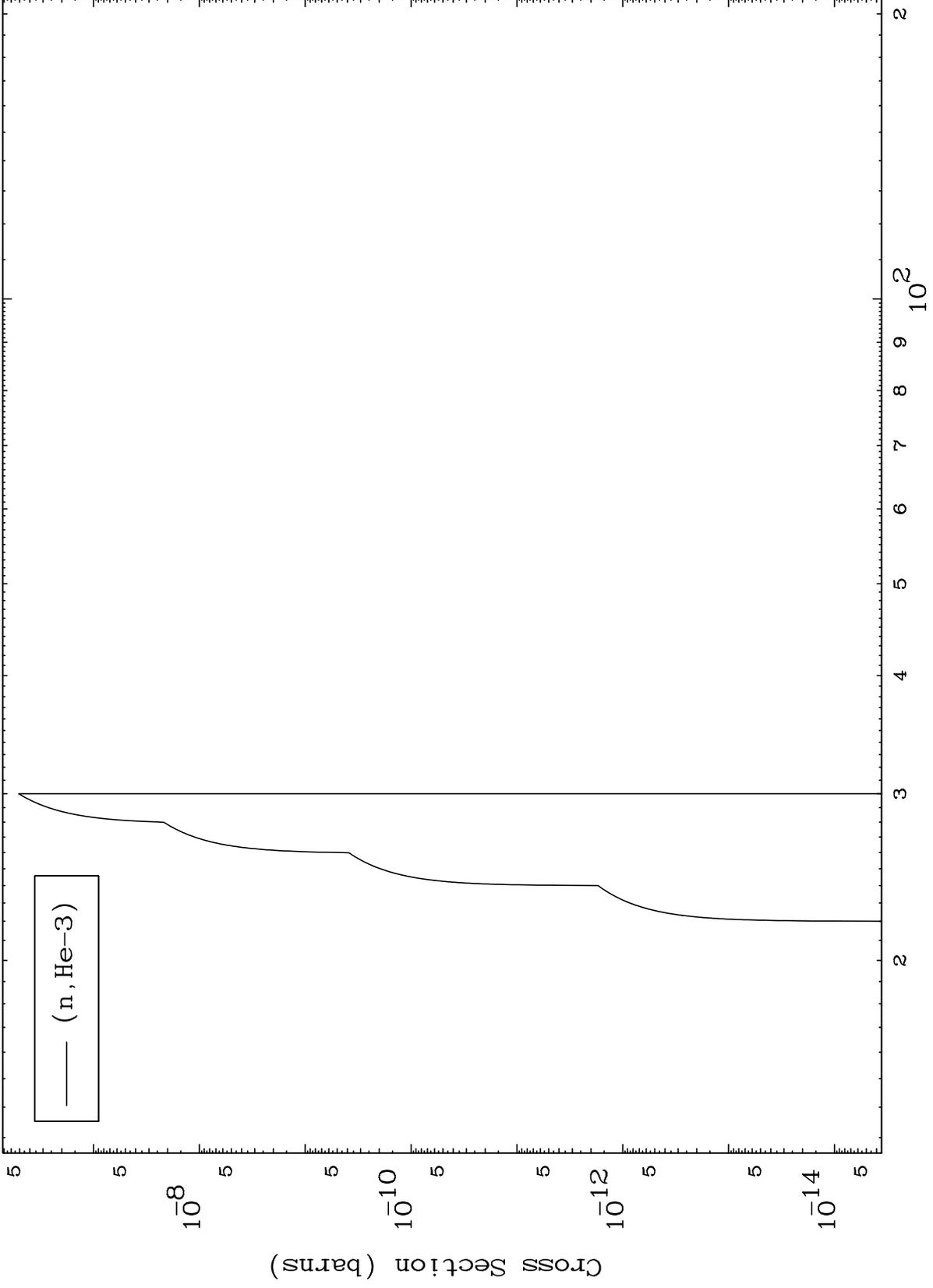
MAT 7729

(α, d) Levels
0 Kelvin Cross Sections

77-Ir-192m



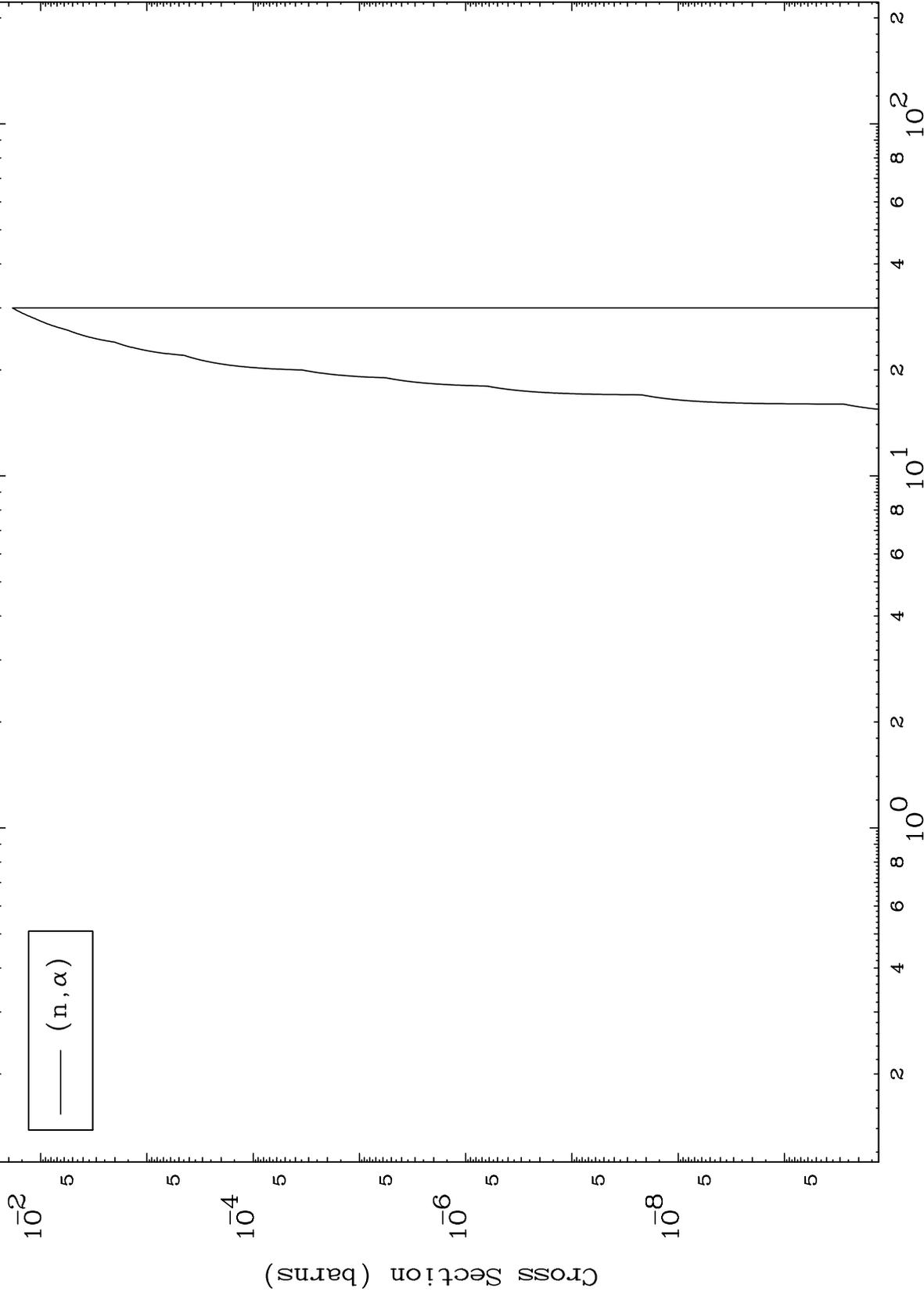




MAT 7729

(α, α) Levels
0 Kelvin Cross Sections

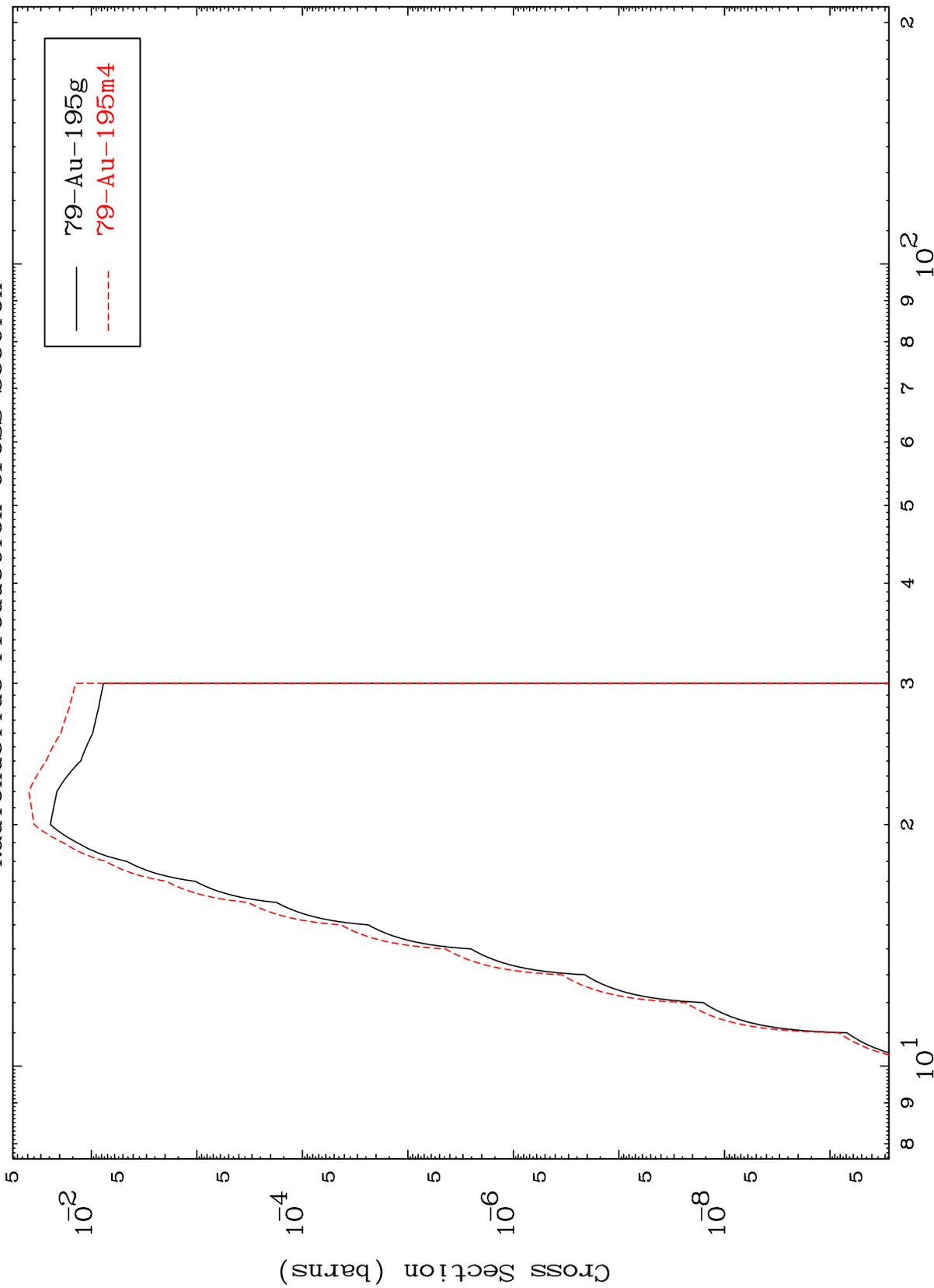
77-Ir-192m



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Inelastic
Radionuclide Production Cross Section

77-Ir-192m



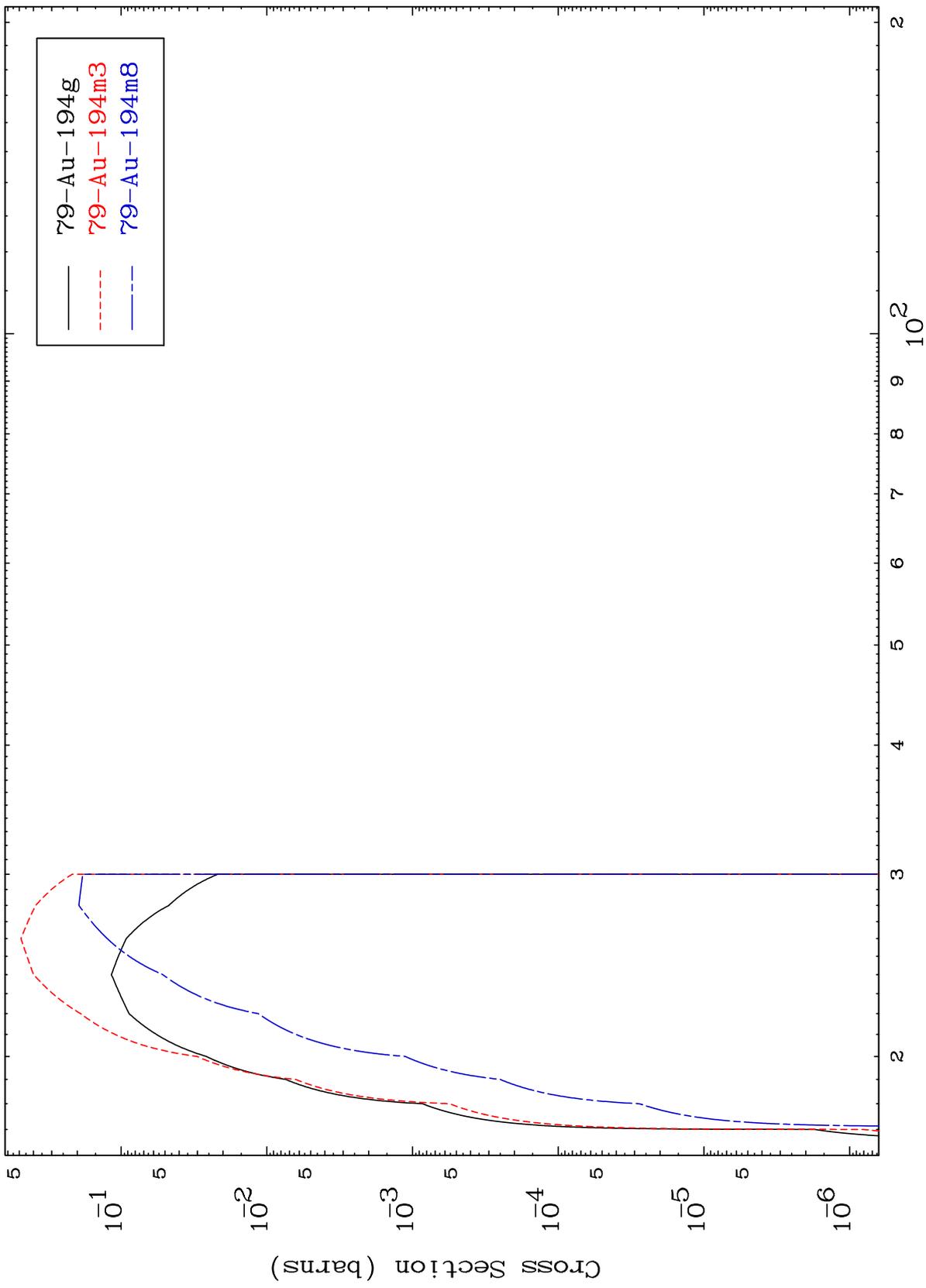
Incident Energy (MeV)

77-Ir-192m

MAT 7729

77-Ir-192m

(n,2n)
Radionuclide Production Cross Section



11

Incident Energy (MeV)

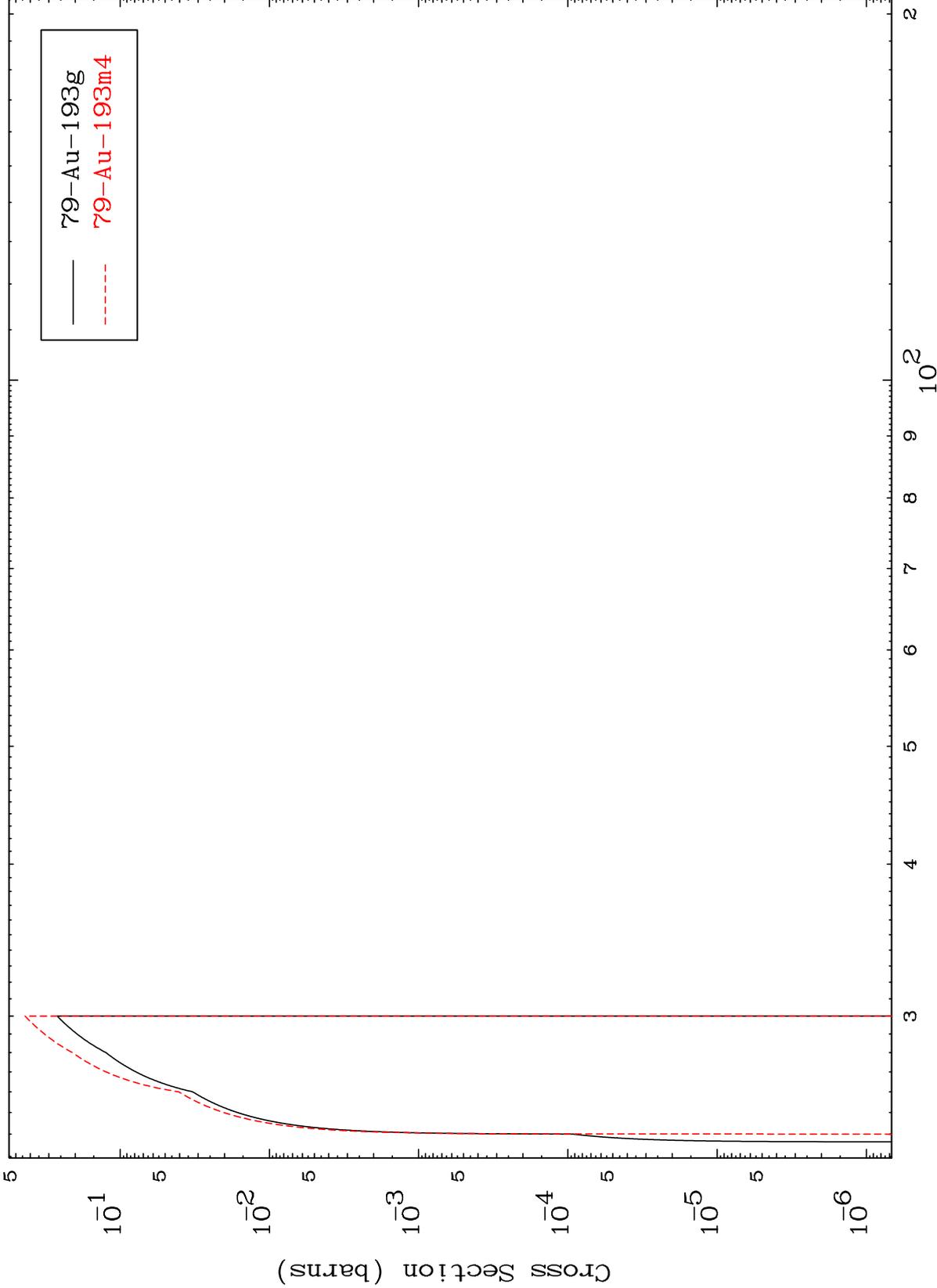
77-Ir-192m

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(n,3n)

77-Ir-192m

Radionuclide Production Cross Section



12

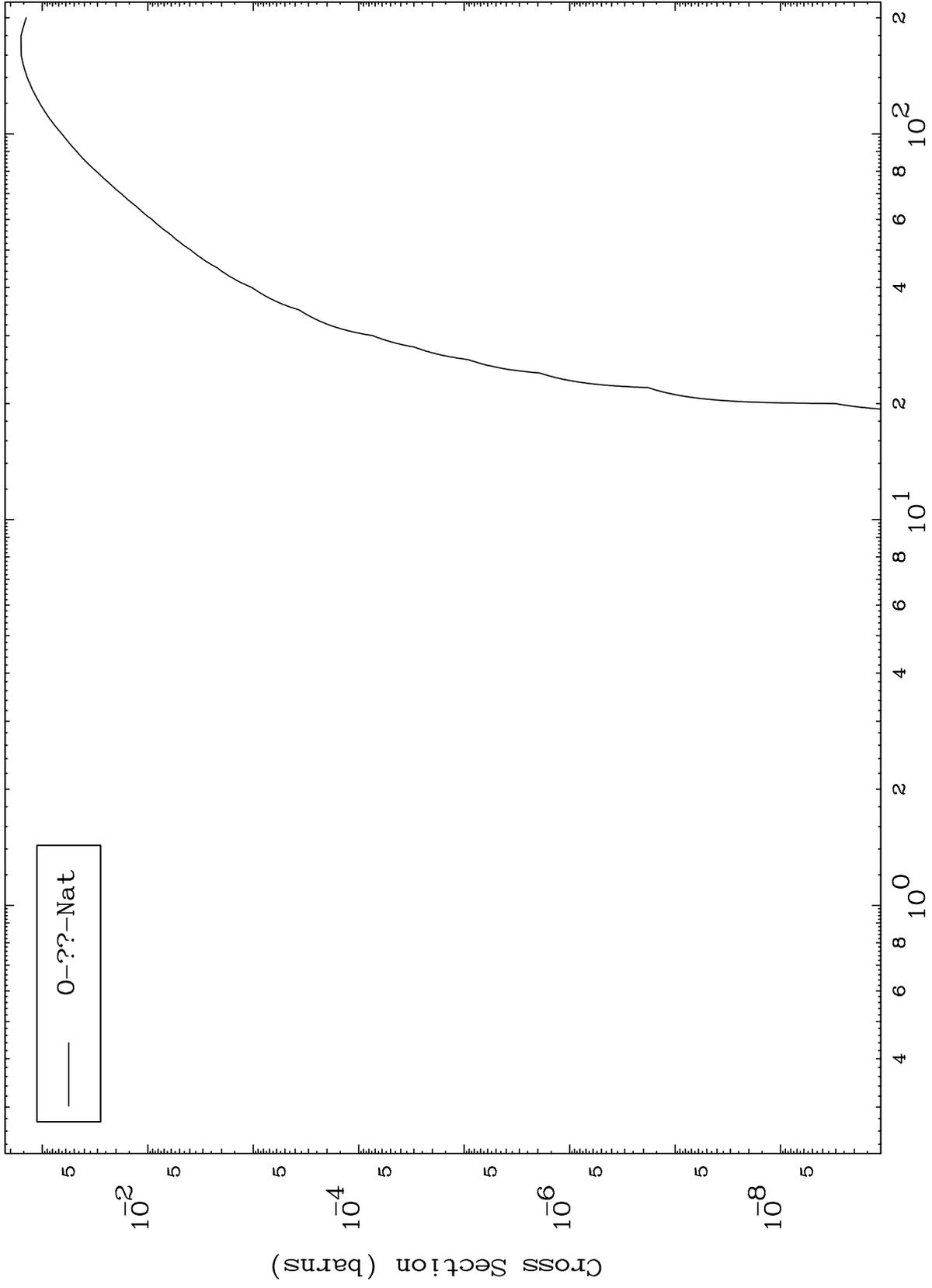
Incident Energy (MeV)

77-Ir-192m

MAT 7729

Fission
Radionuclide Production Cross Section

77-Ir-192m



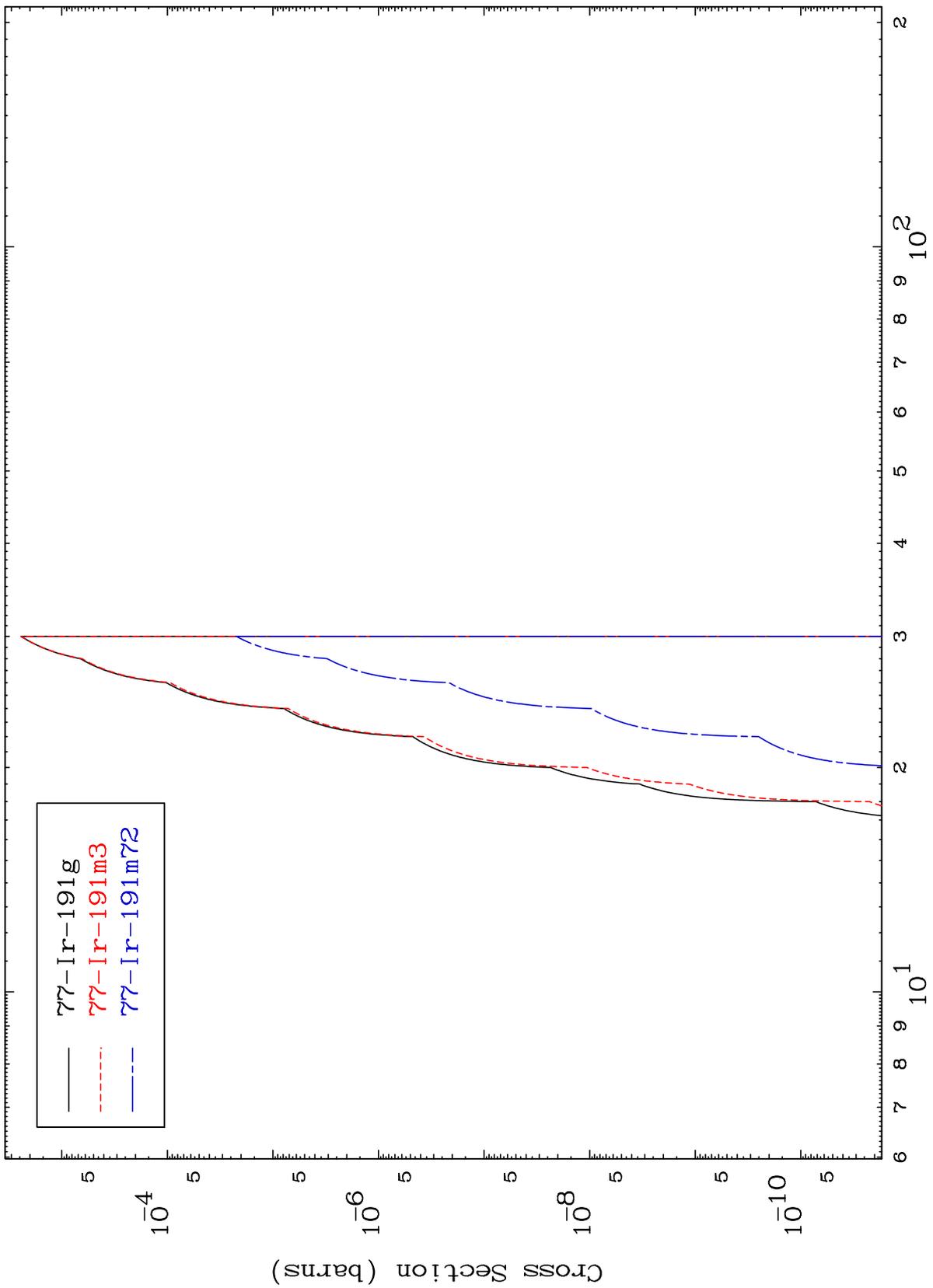
77-Ir-192m

MAT 7729

$(n, n') \alpha$

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

Radionuclide Production Cross Section



14

Incident Energy (MeV)

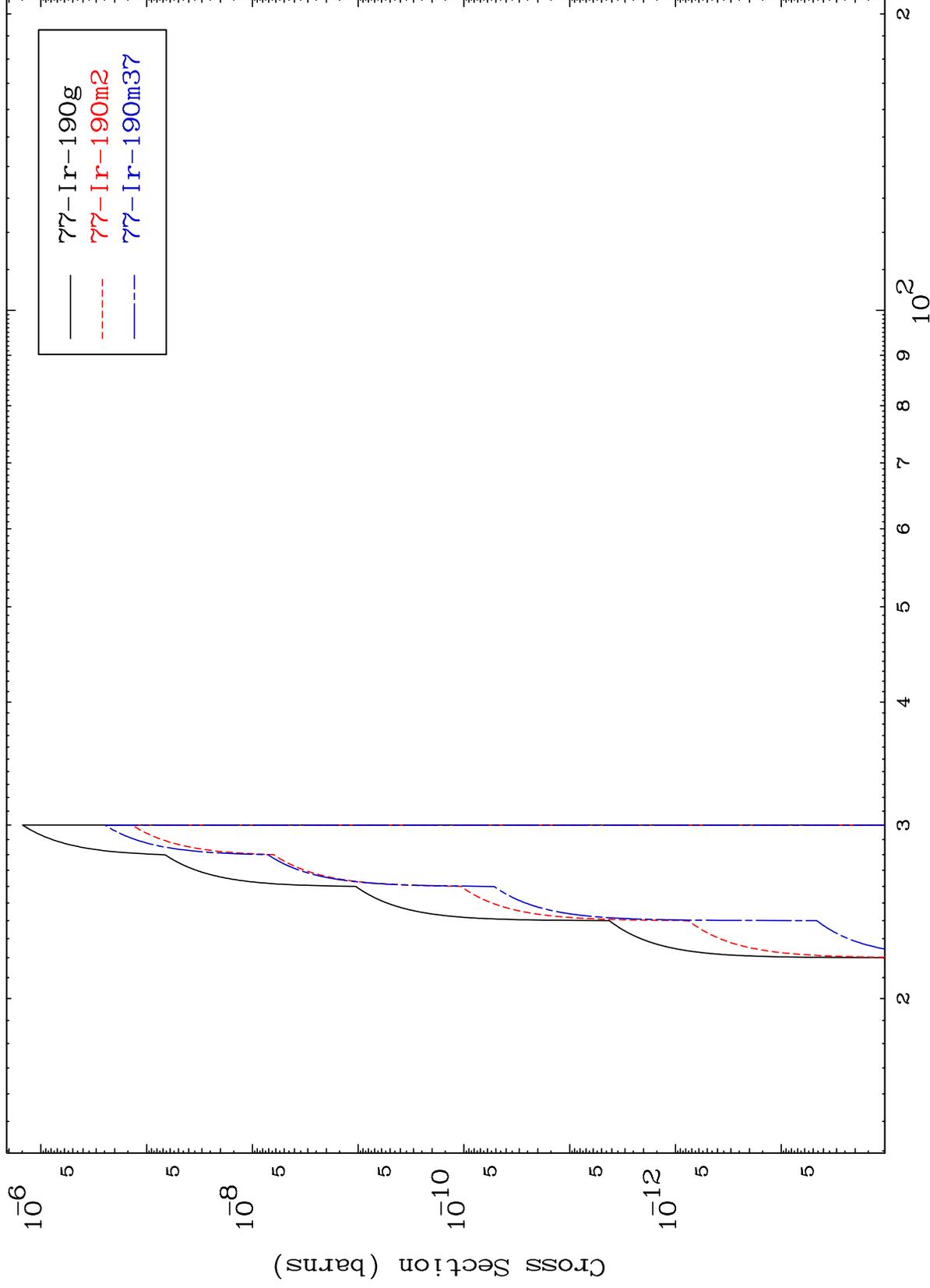
$^{77}\text{Ir-192m}$

MAT 7729

(n,2n) α

77-Ir-192m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

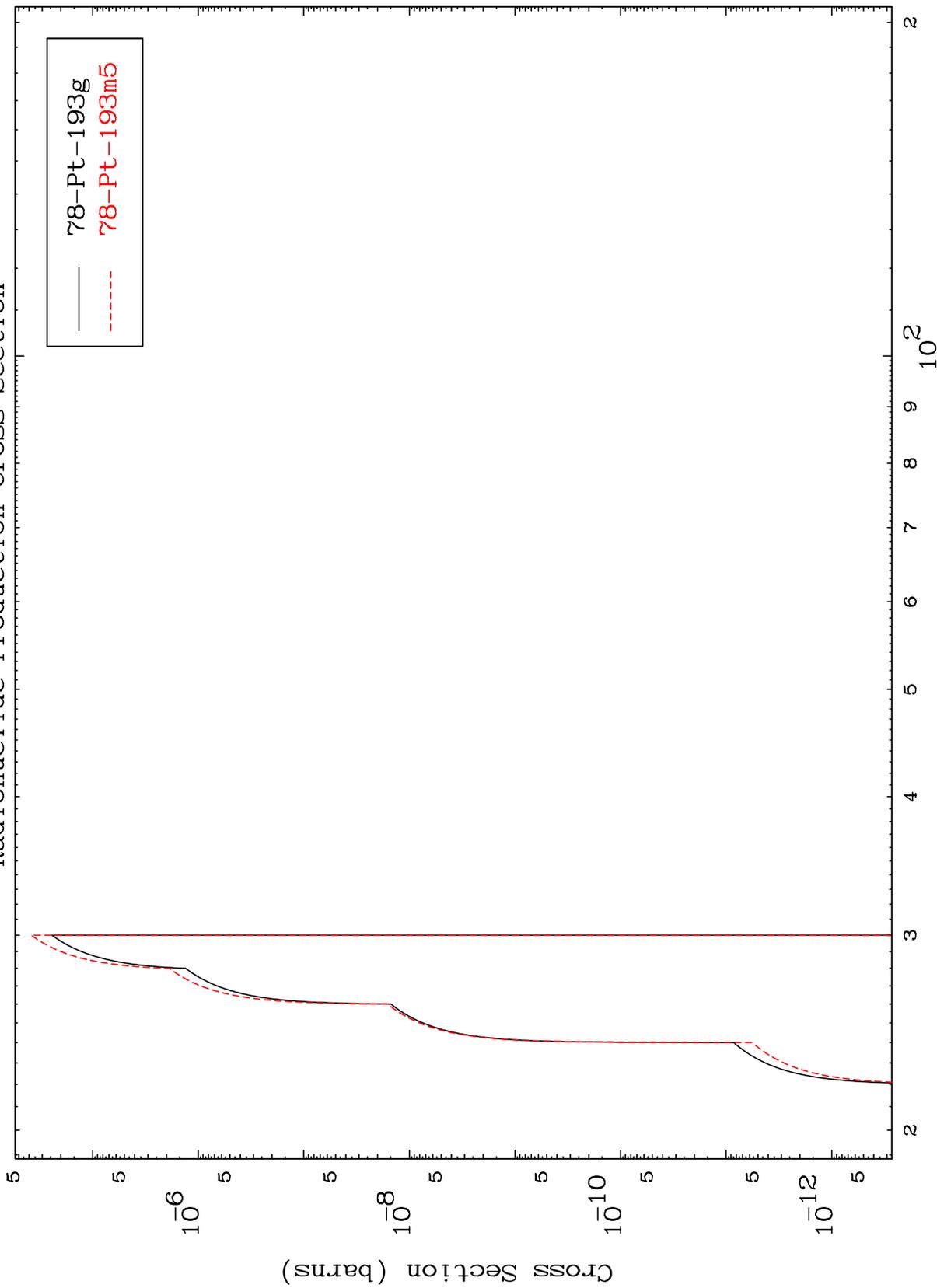
77-Ir-192m

MAT 7729

(n,n') d

77-Ir-192m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

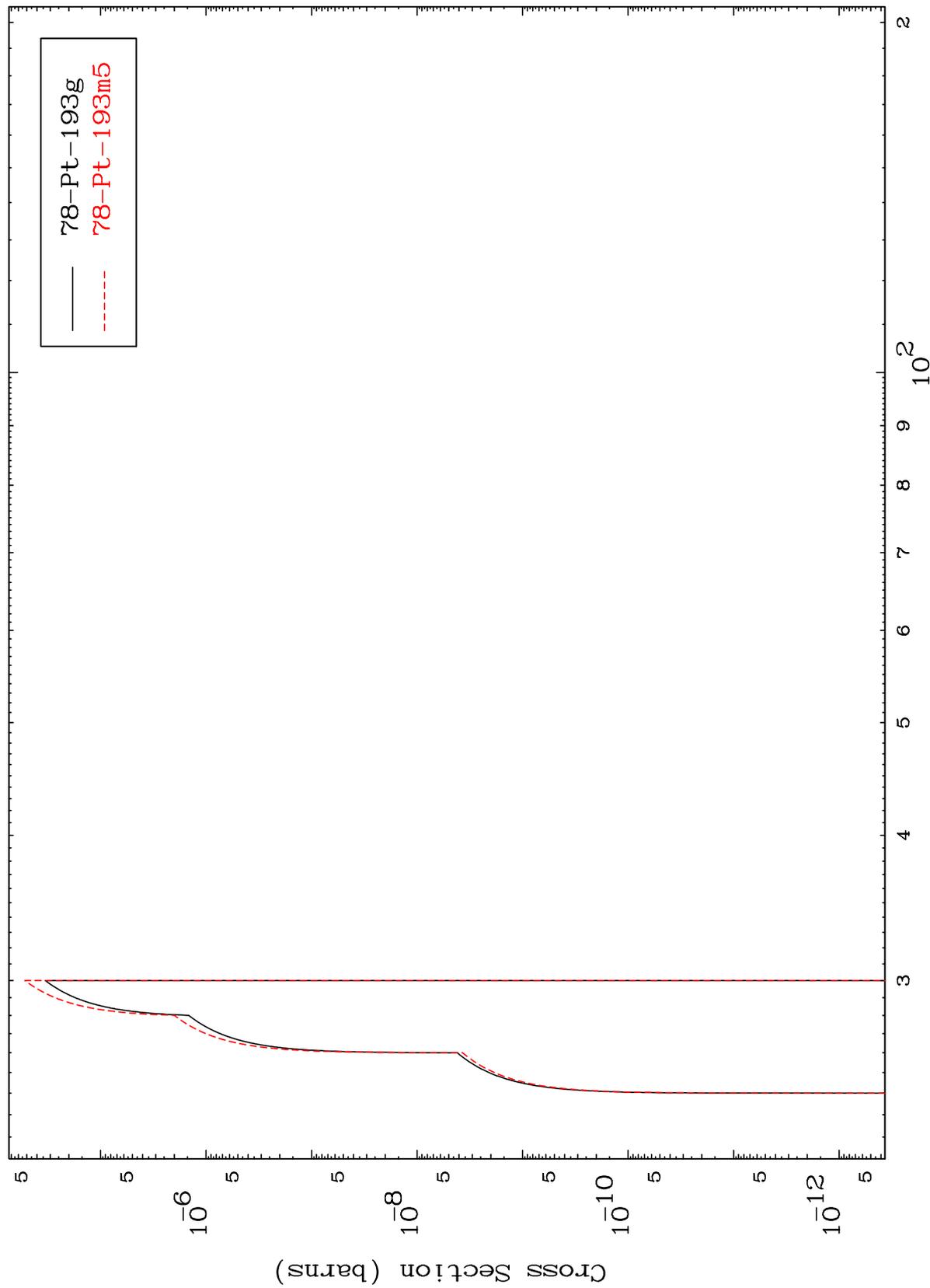
77-Ir-192m

MAT 7729

(n,2n) p

77-Ir-192m

Radionuclide Production Cross Section



17

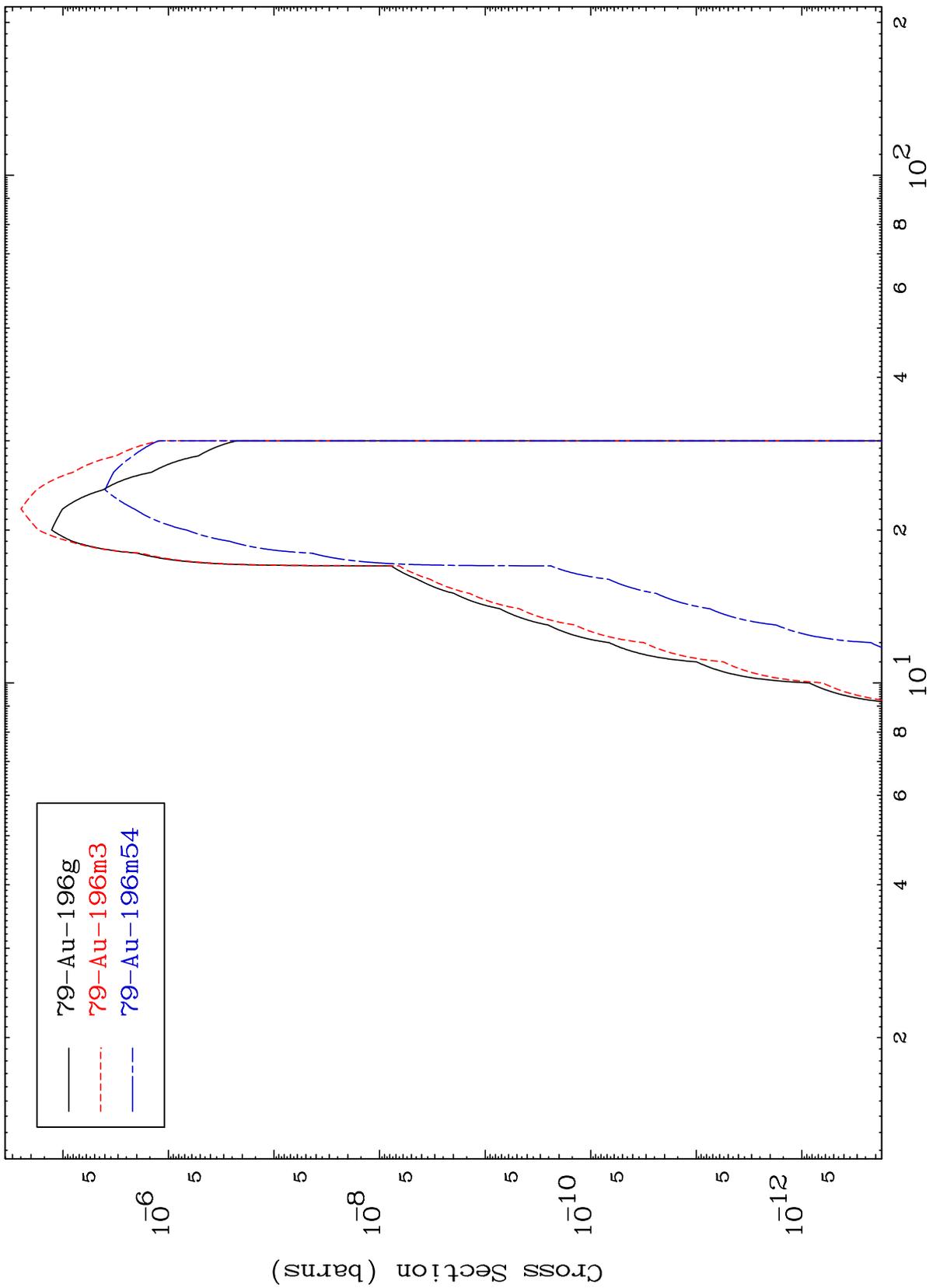
Incident Energy (MeV)

77-Ir-192m

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⁷⁷Ir-192m

Radionuclide Production Cross Section



⁷⁷Ir-192m

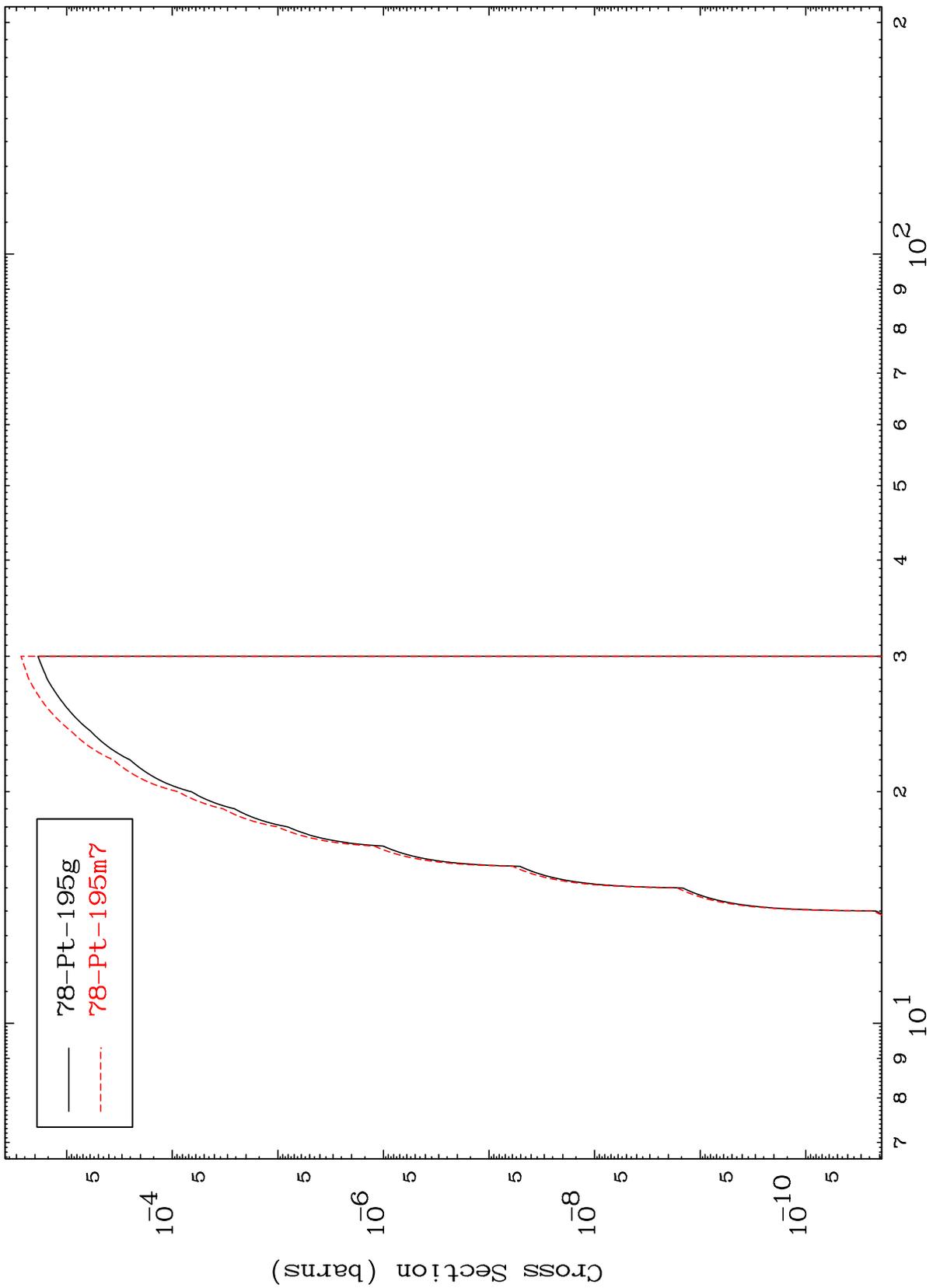
Incident Energy (MeV)

18

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77-Ir-192m

Radionuclide Production Cross Section (n,p)



19

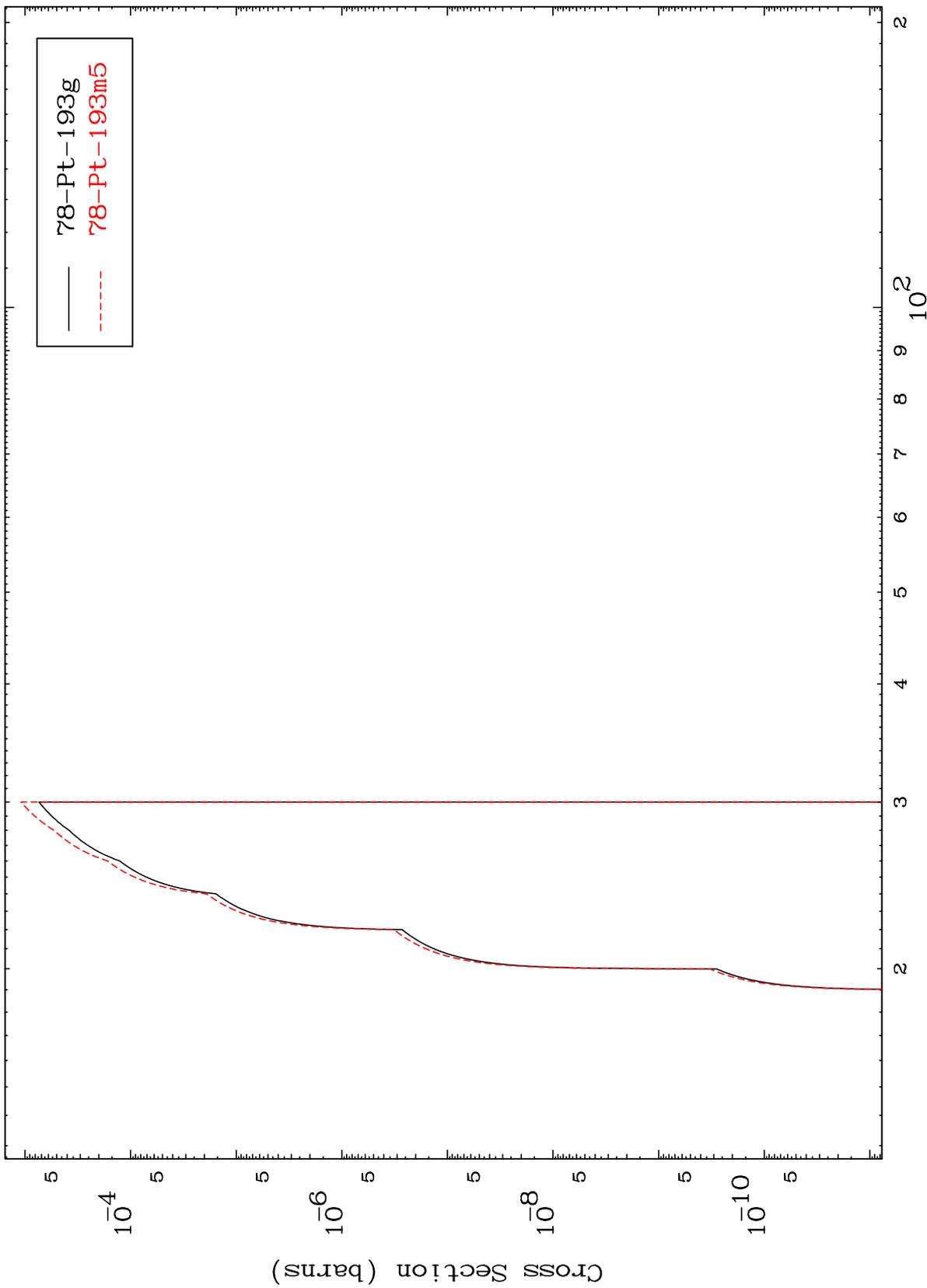
Incident Energy (MeV)

77-Ir-192m

MAT 7729

77-Ir-192m

(n, t)
Radionuclide Production Cross Section

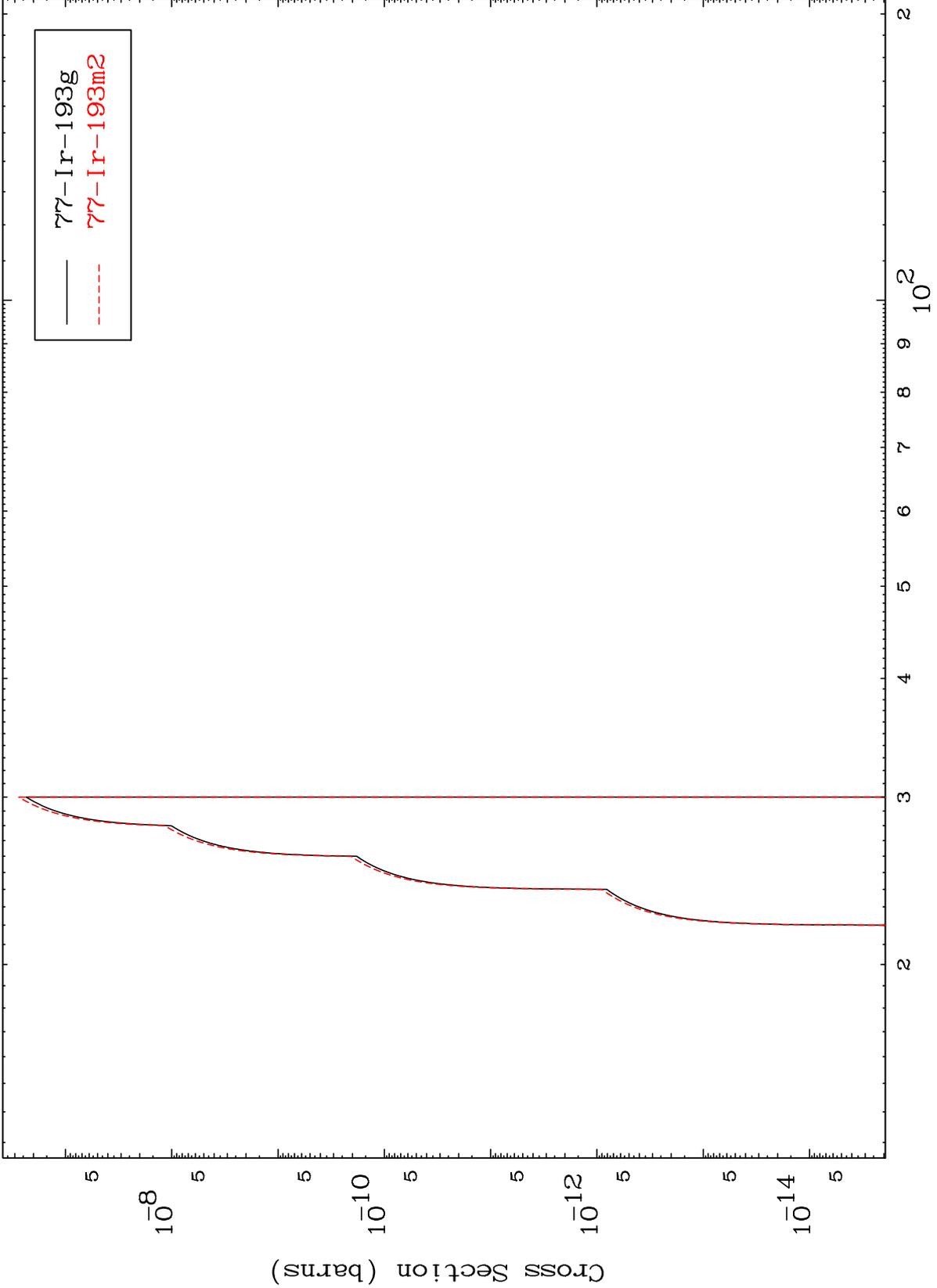


20

77-Ir-192m

Incident Energy (MeV)

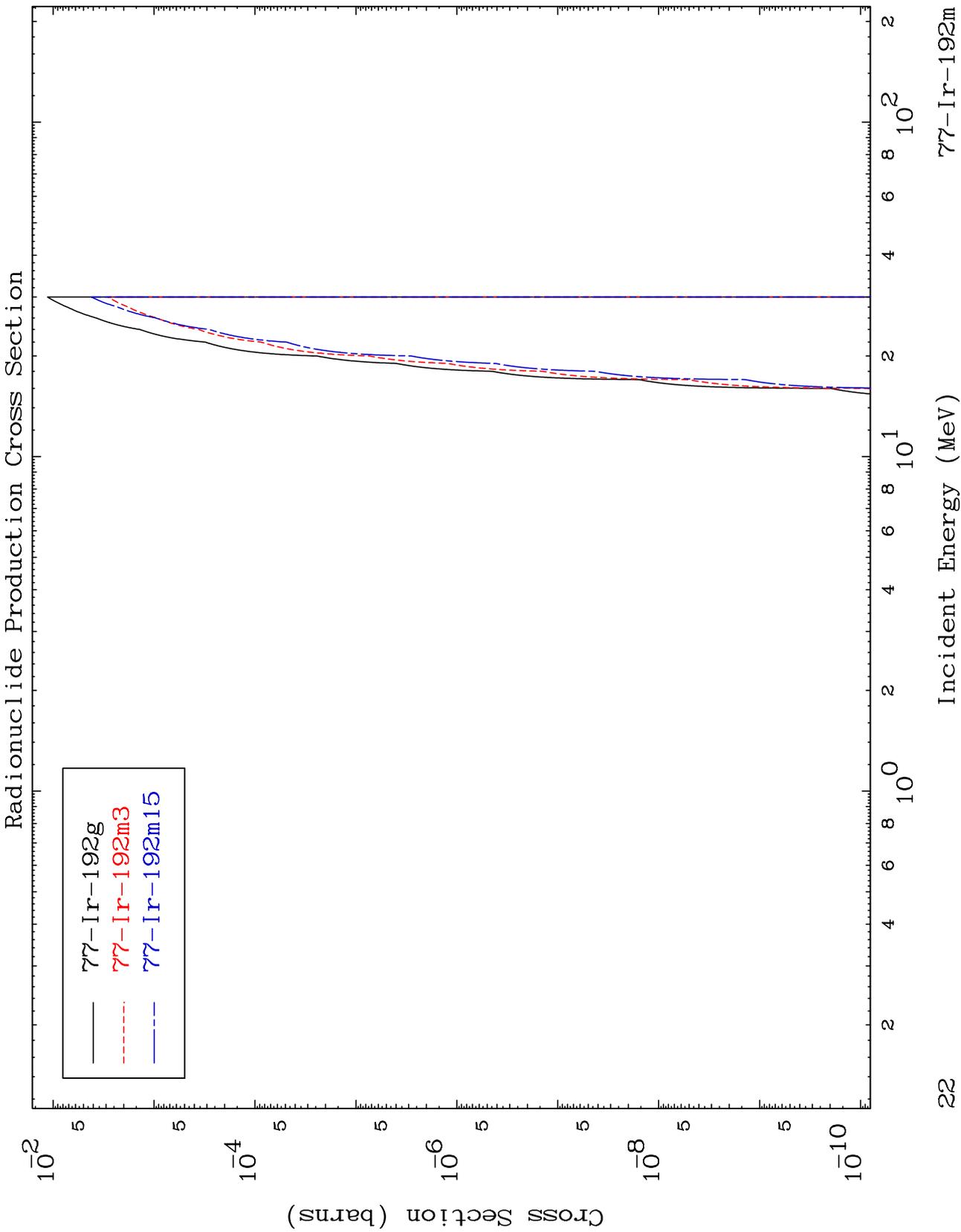
Radionuclide Production Cross Section



MAT 7729

(n, α)

⁷⁷Ir-192m



— ⁷⁷Ir-192g
- - ⁷⁷Ir-192m3
- - ⁷⁷Ir-192m15