

Program EVALPLOT
(Version 2018-1)

by

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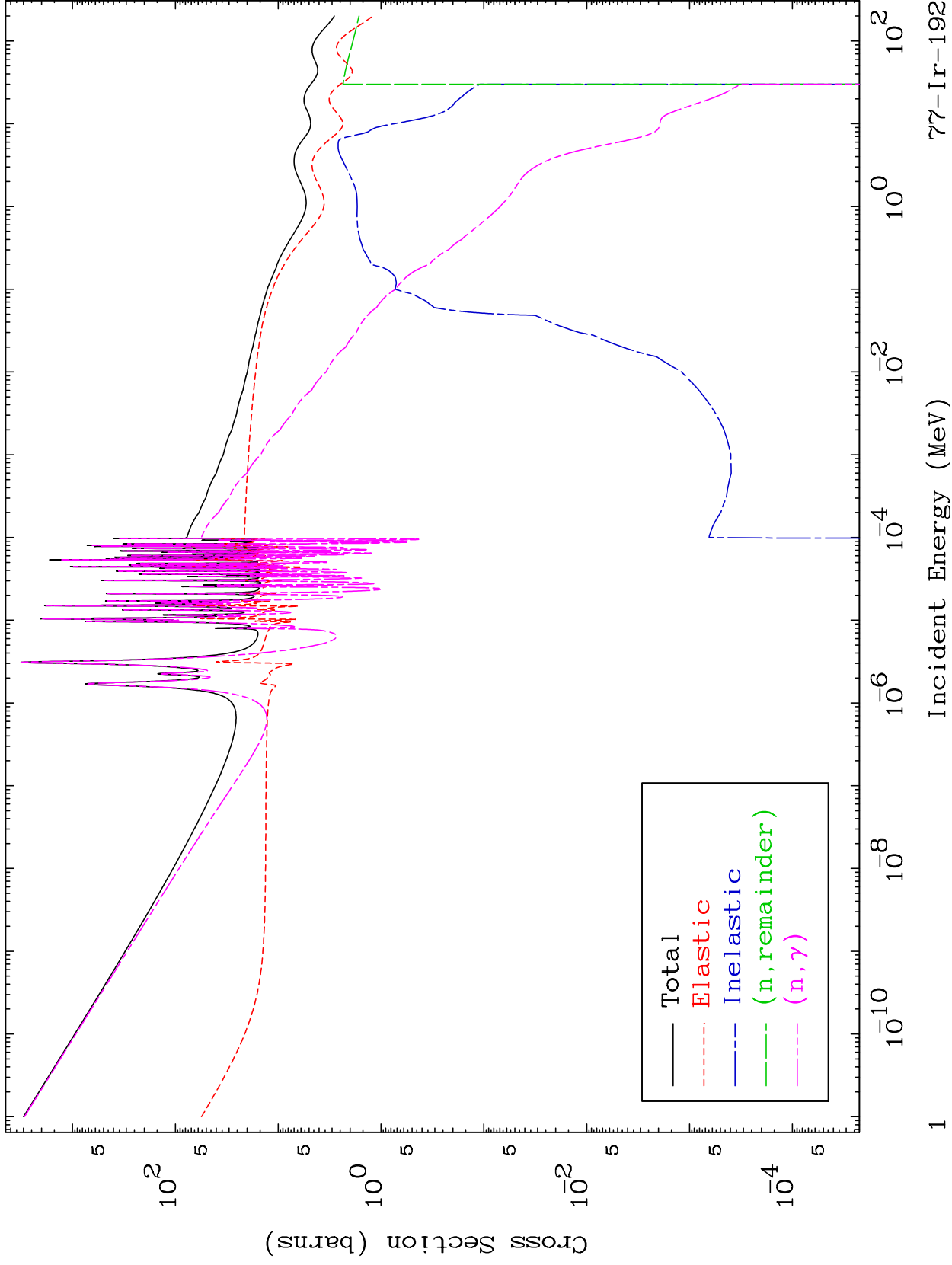
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7729

Major
293 Kelvin Cross Sections

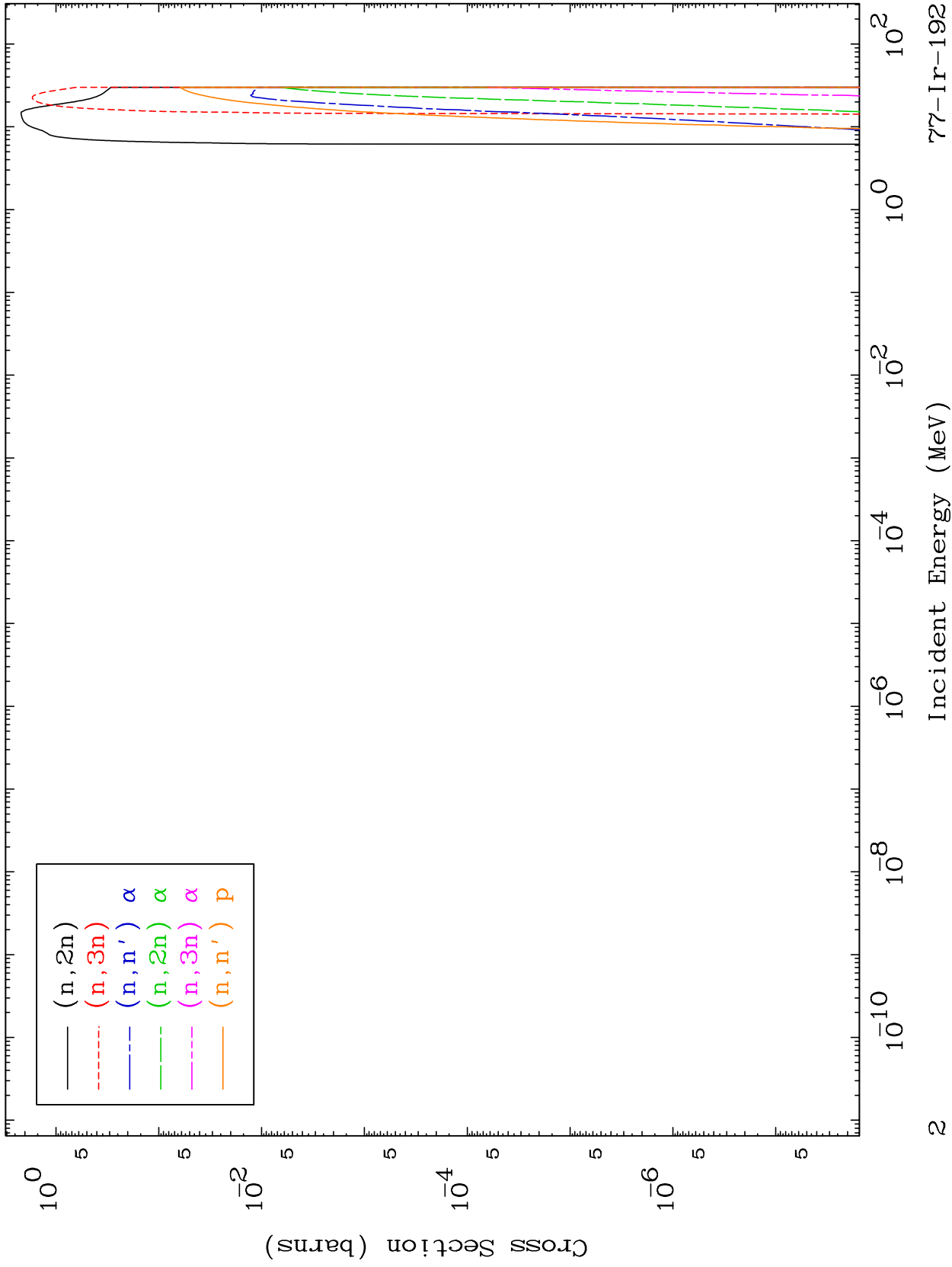
77-Ir-192

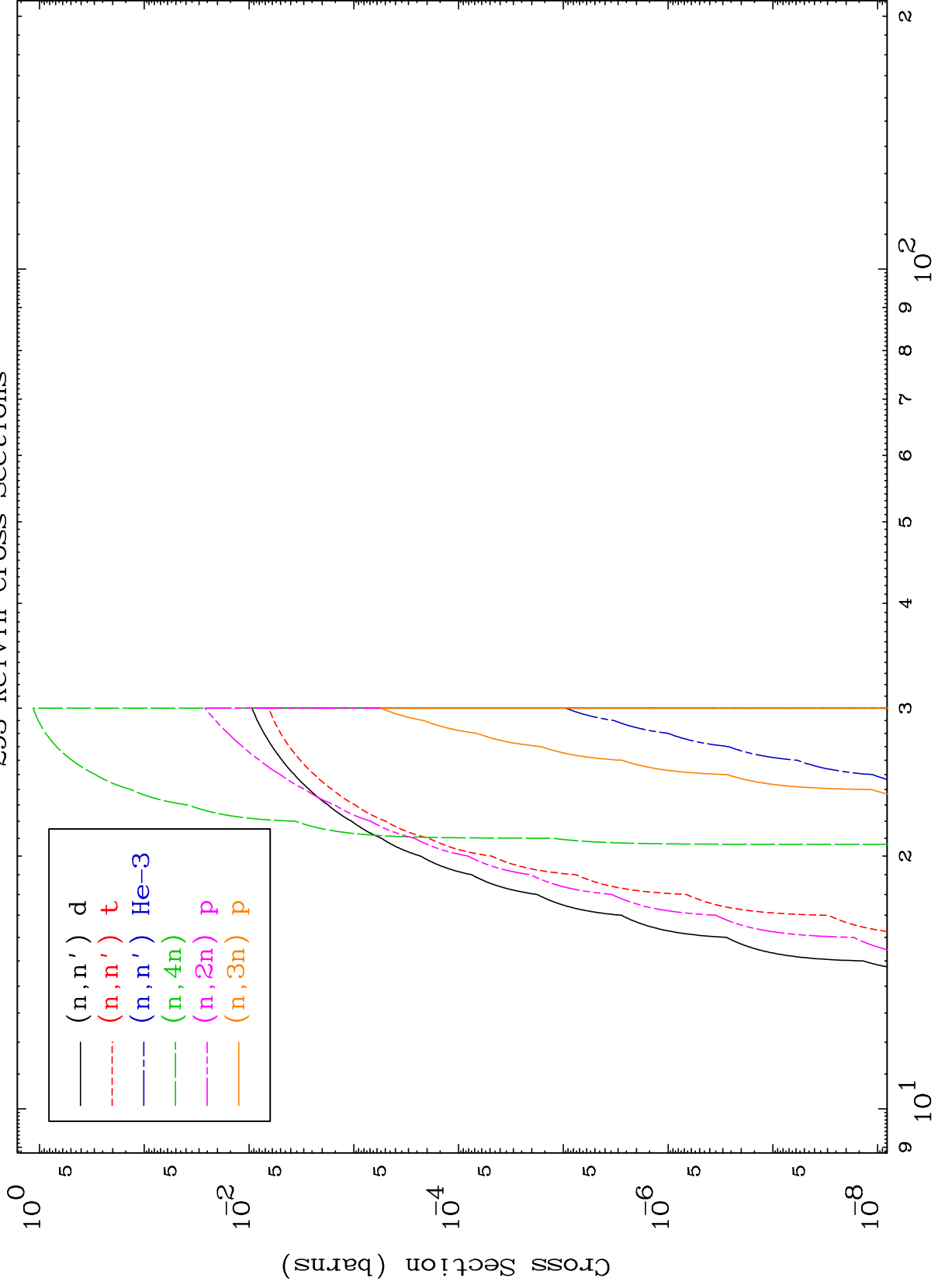


MAT 7729

Neutron Production
293 Kelvin Cross Sections

77-Ir-192

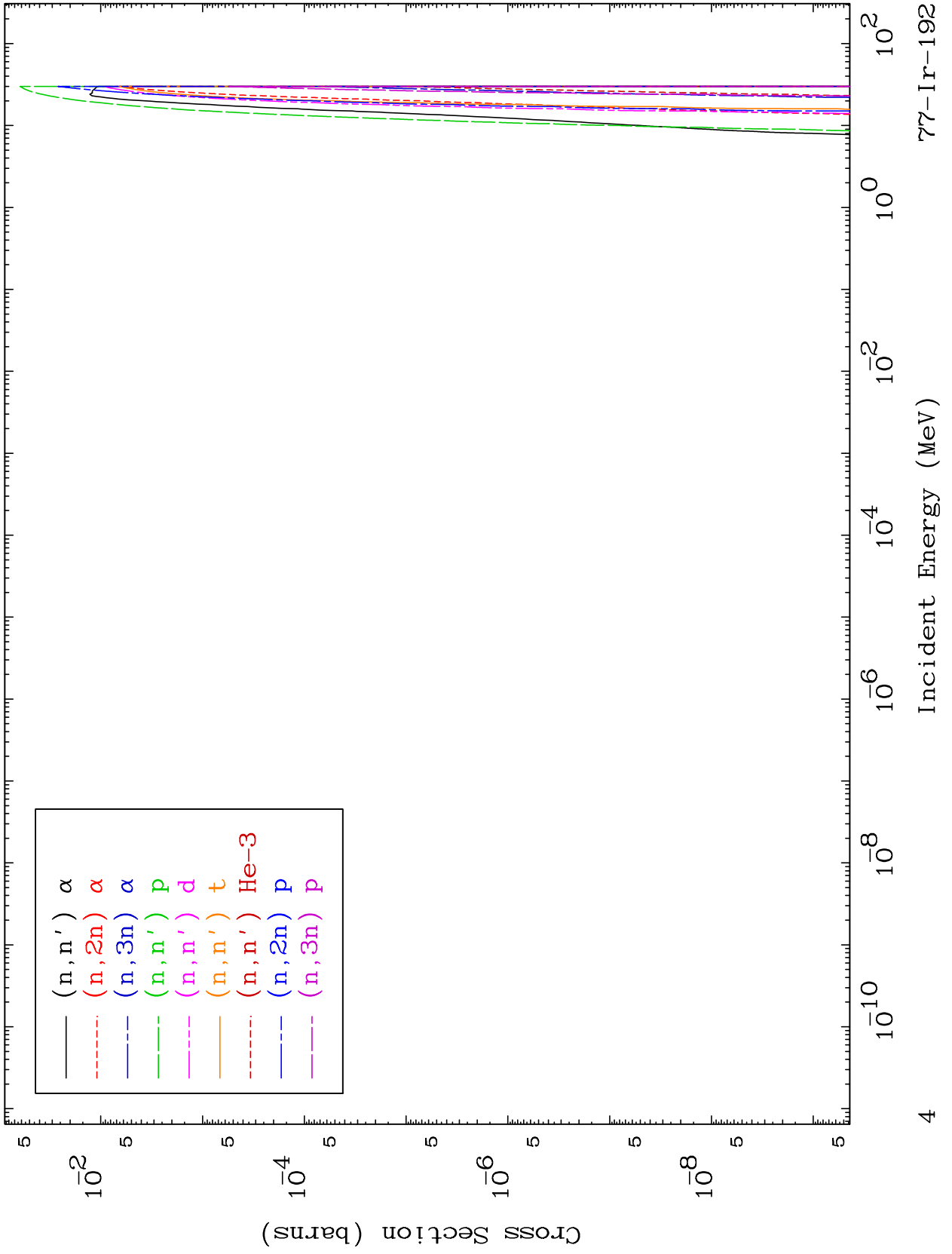




MAT 7729

Charged Particle
293 Kelvin Cross Sections

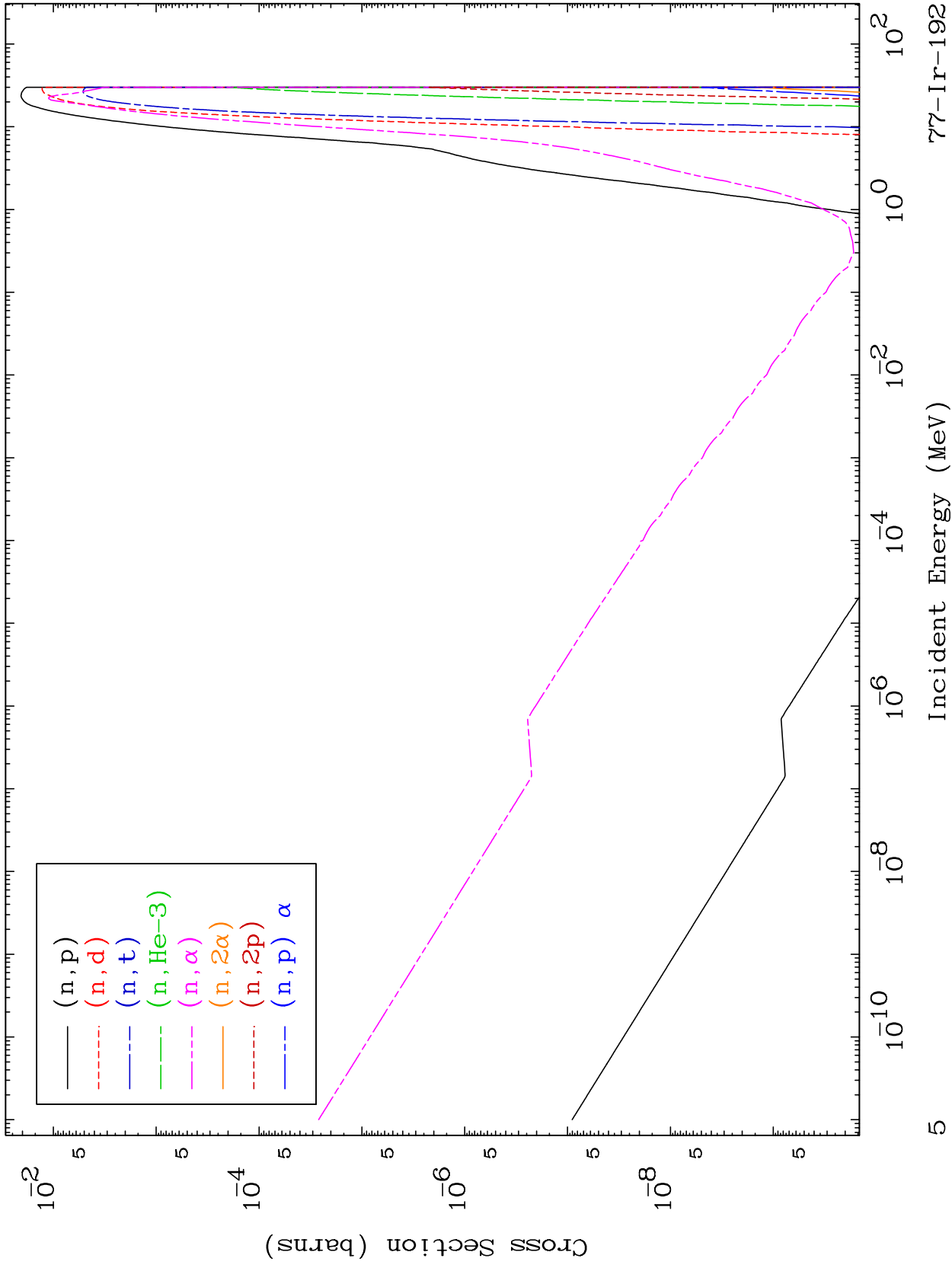
77-Ir-192



MAT 7729

Charged Particle
293 Kelvin Cross Sections

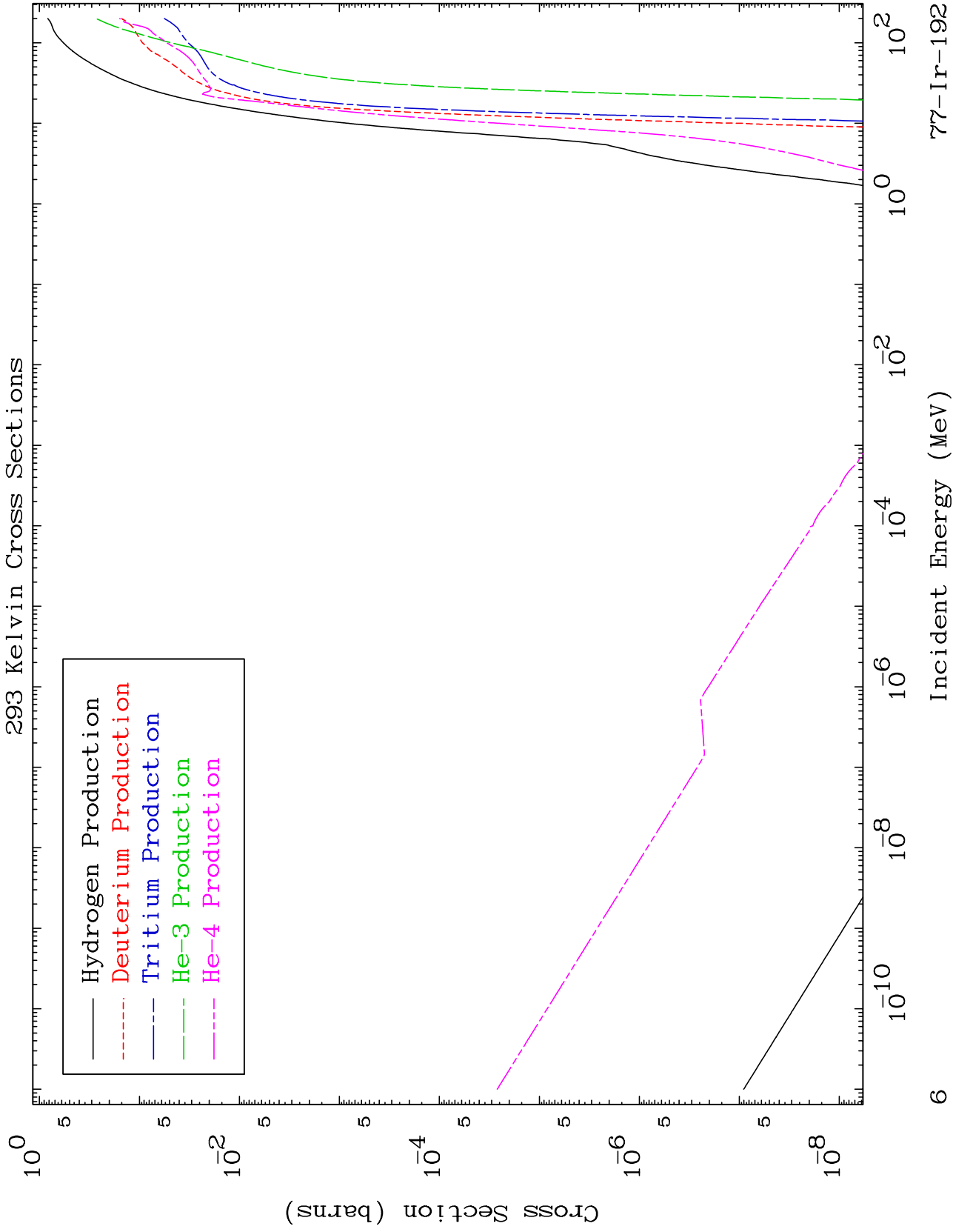
77-Ir-192



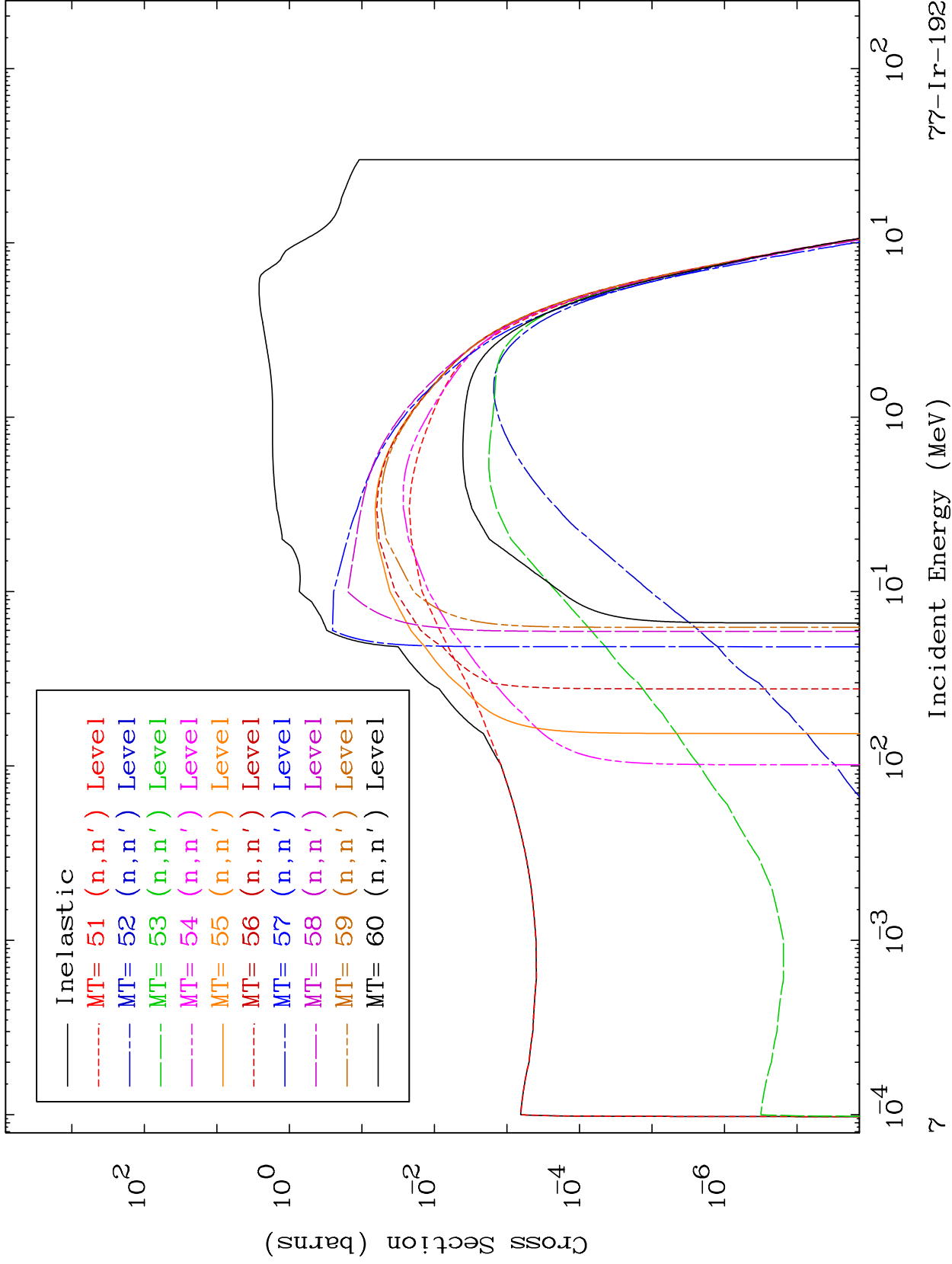
MAT 7729

Particle Production
293 Kelvin Cross Sections

77-Ir-192



6

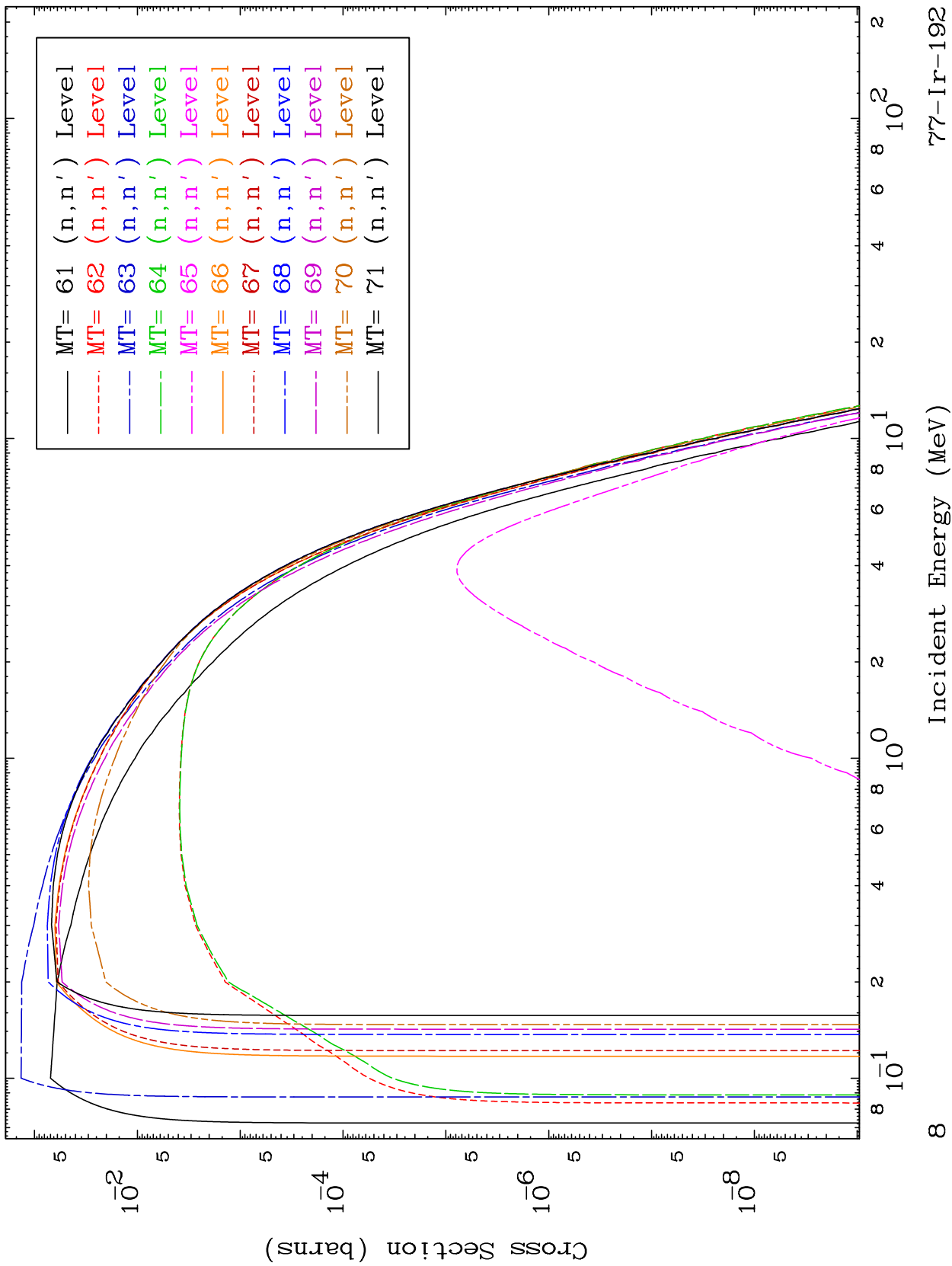


MAT 7729

(n,n') Level

77-Ir-192

293 Kelvin Cross Sections

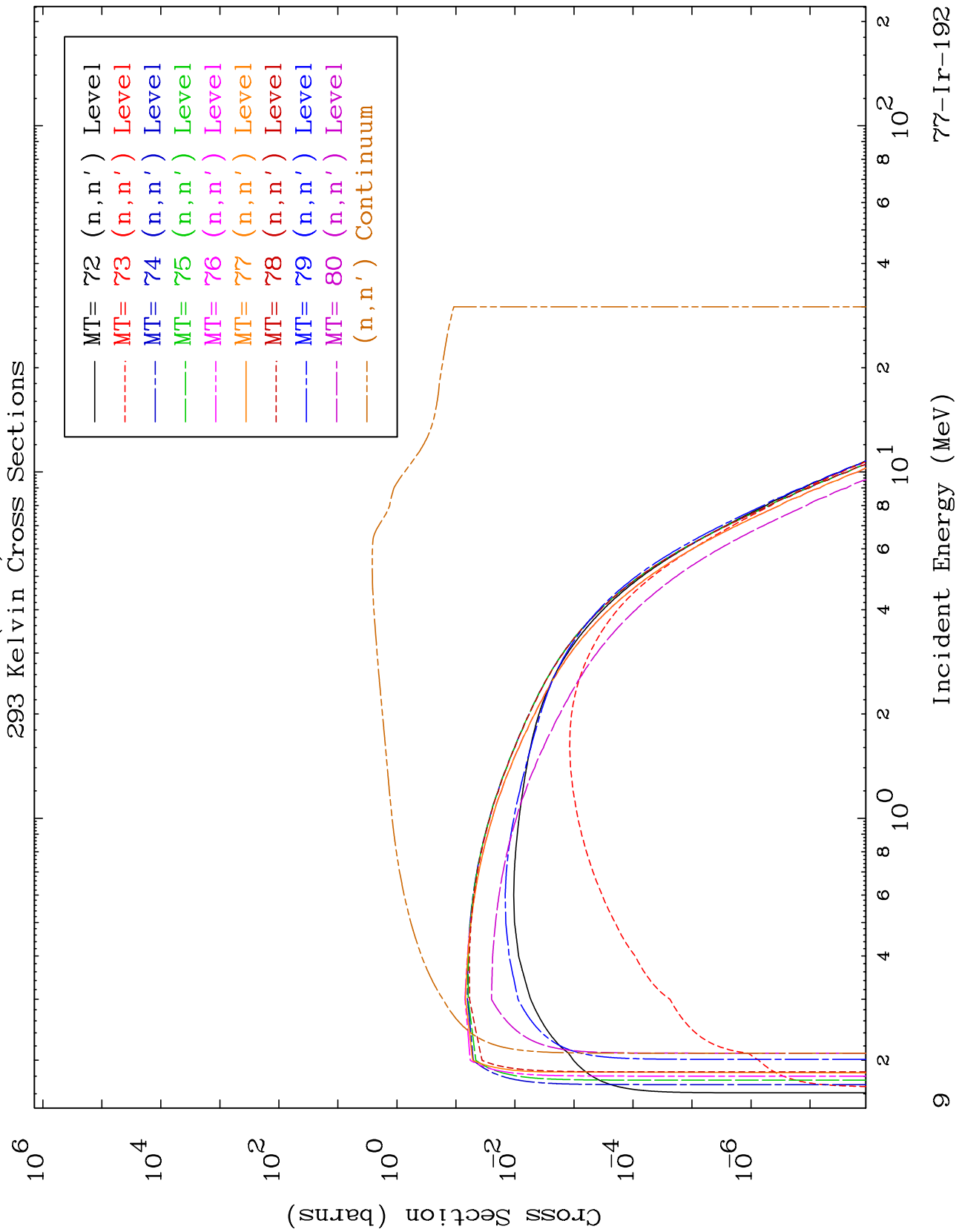


77-Ir-192

Incident Energy (MeV)

8

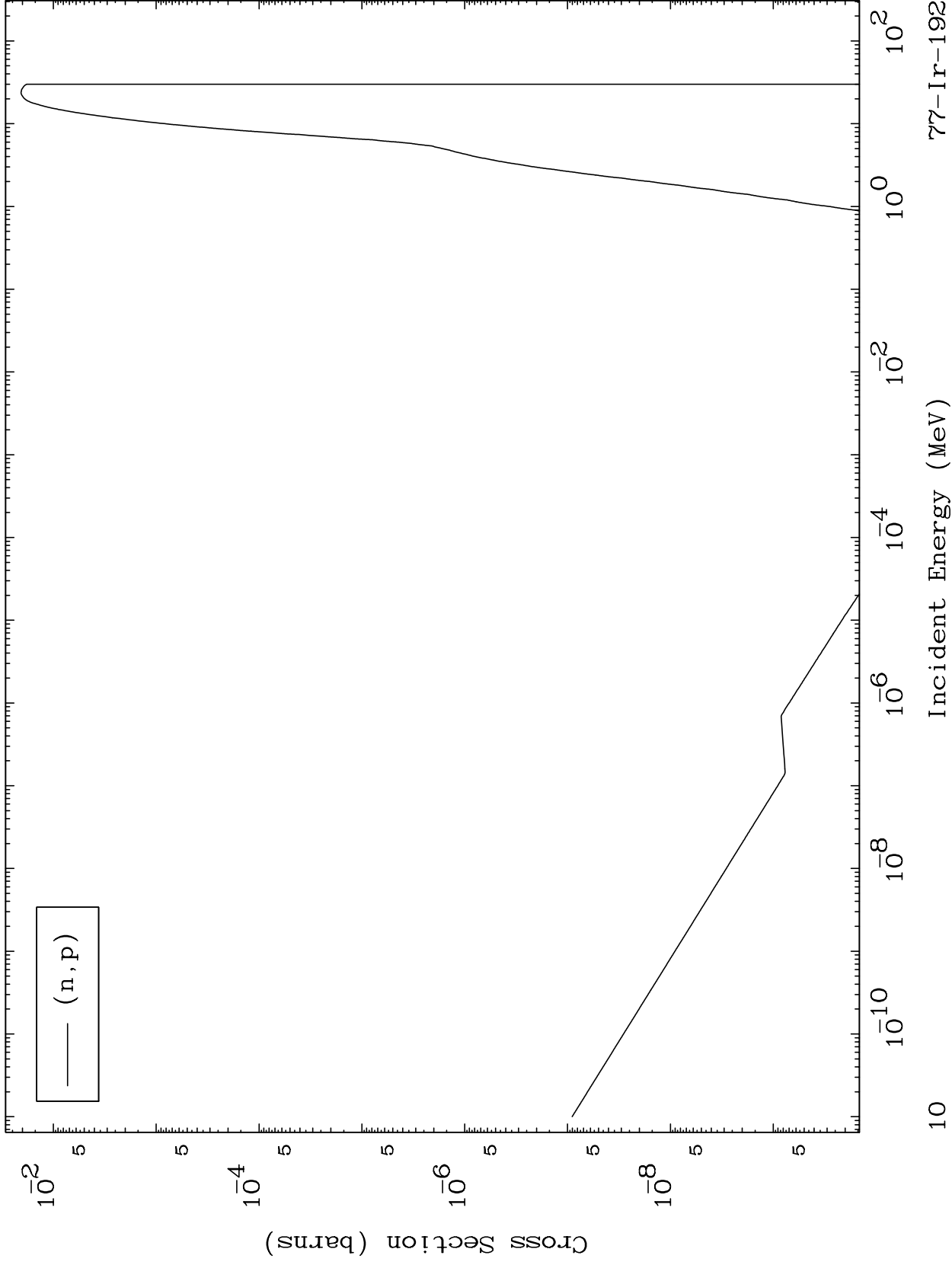
293 Kelvin Cross Sections



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(n,p) Levels
293 Kelvin Cross Sections

77-Ir-192



10

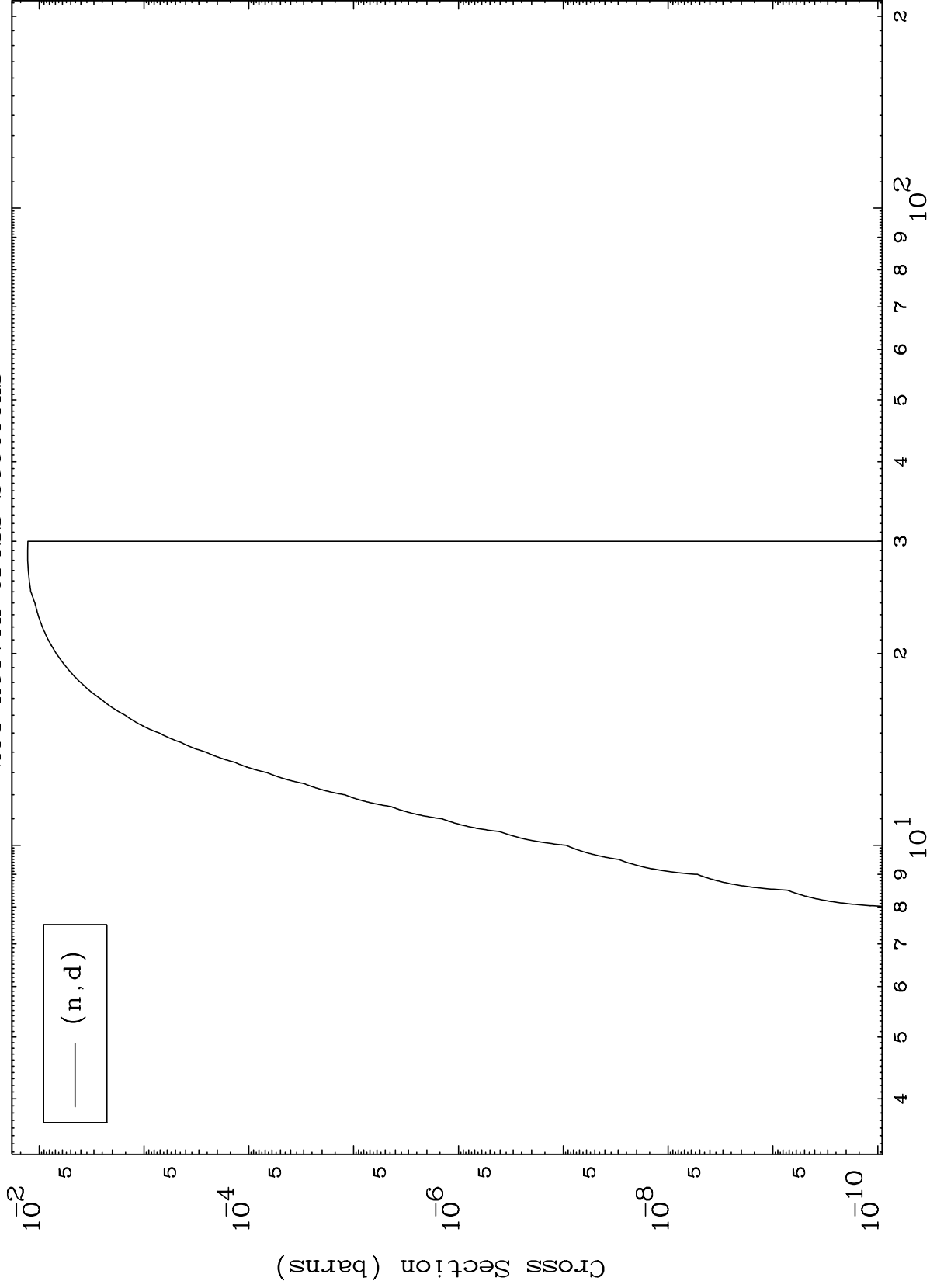
Incident Energy (MeV)

77-Ir-192

MAT 7729

(n,d) Levels
293 Kelvin Cross Sections

77-Ir-192



11

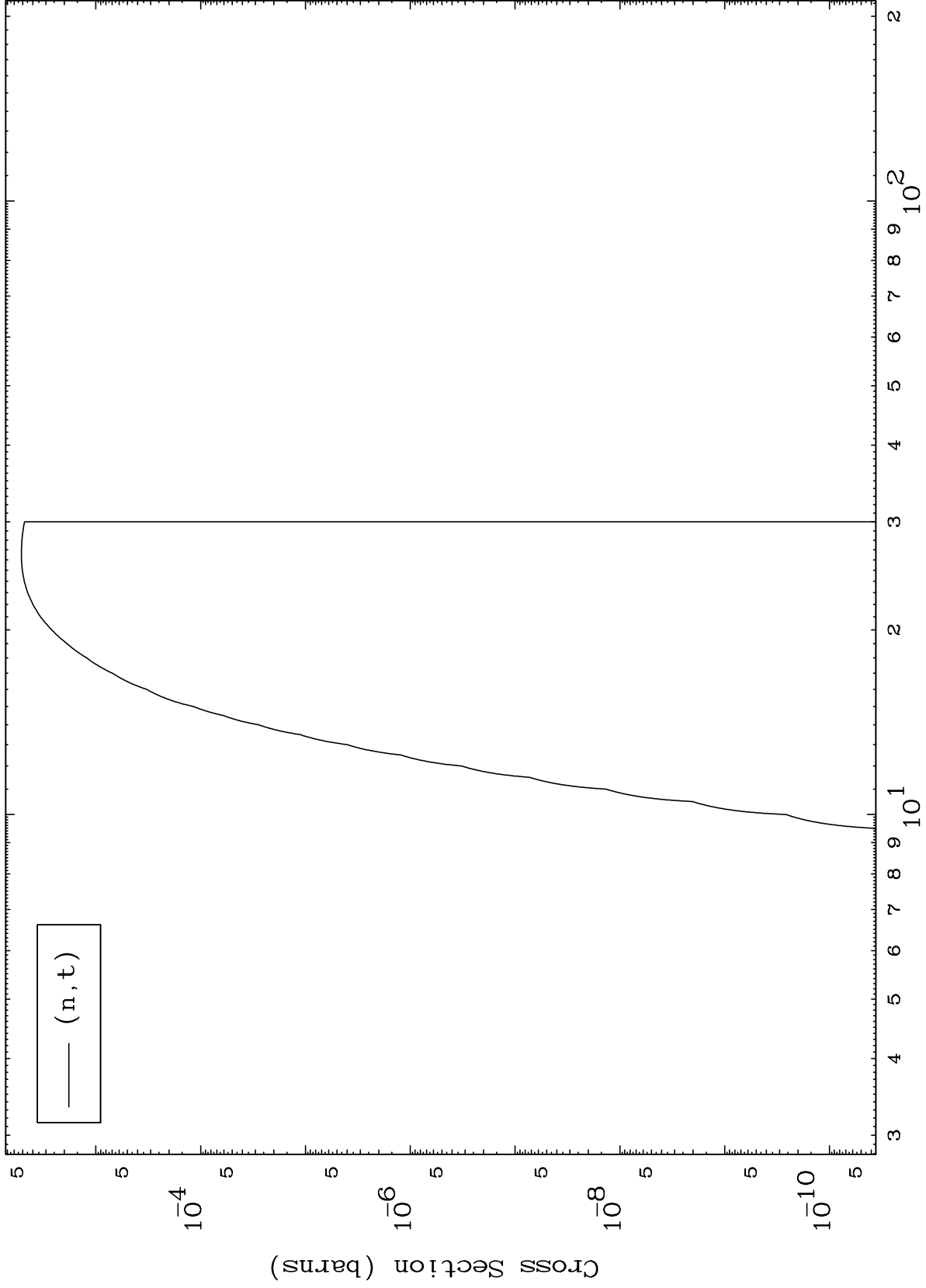
Incident Energy (MeV)

77-Ir-192

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(n,t) Levels
293 Kelvin Cross Sections

77-Ir-192



12

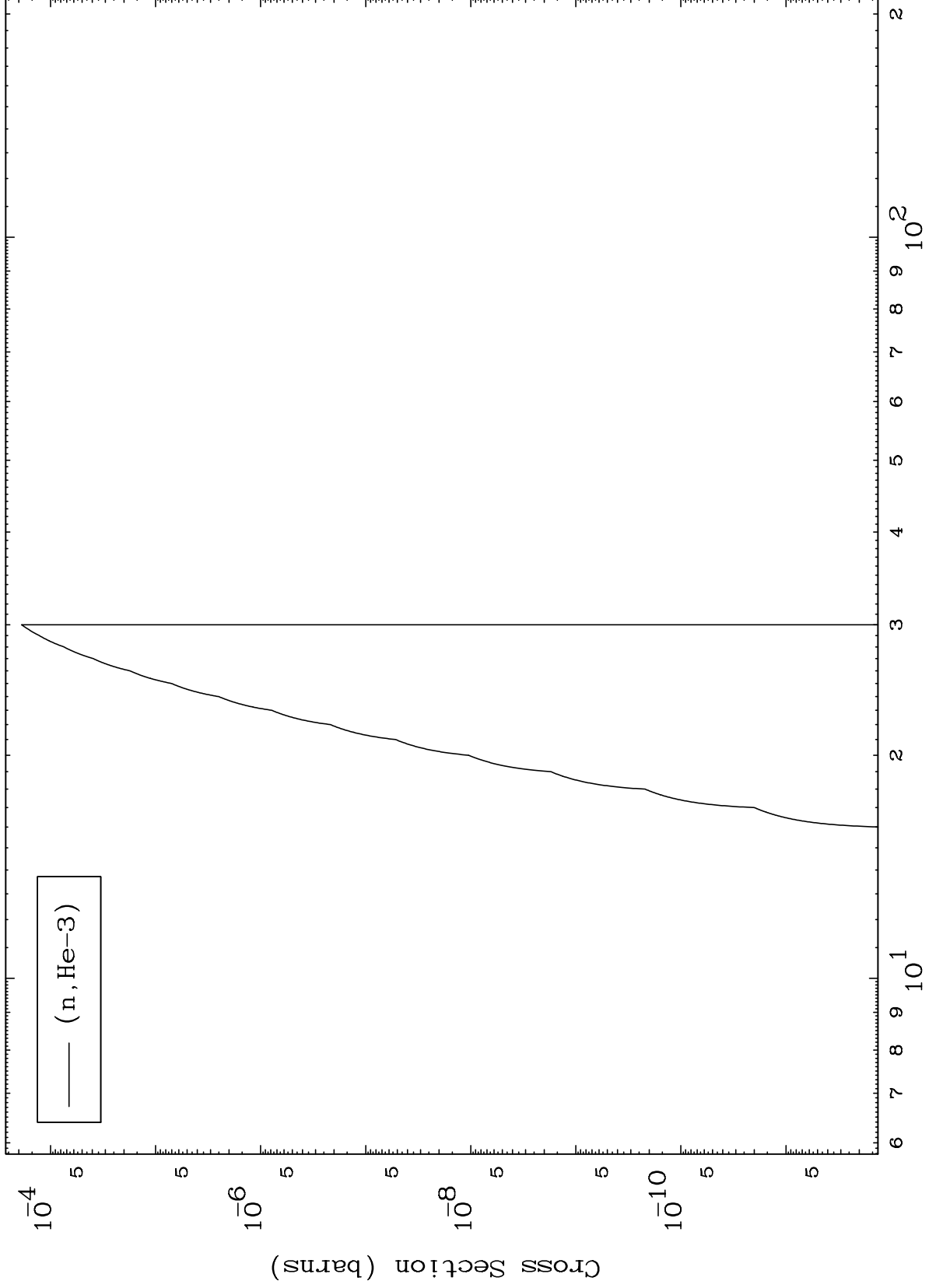
Incident Energy (MeV)

77-Ir-192

MAT 7729

(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-192



13

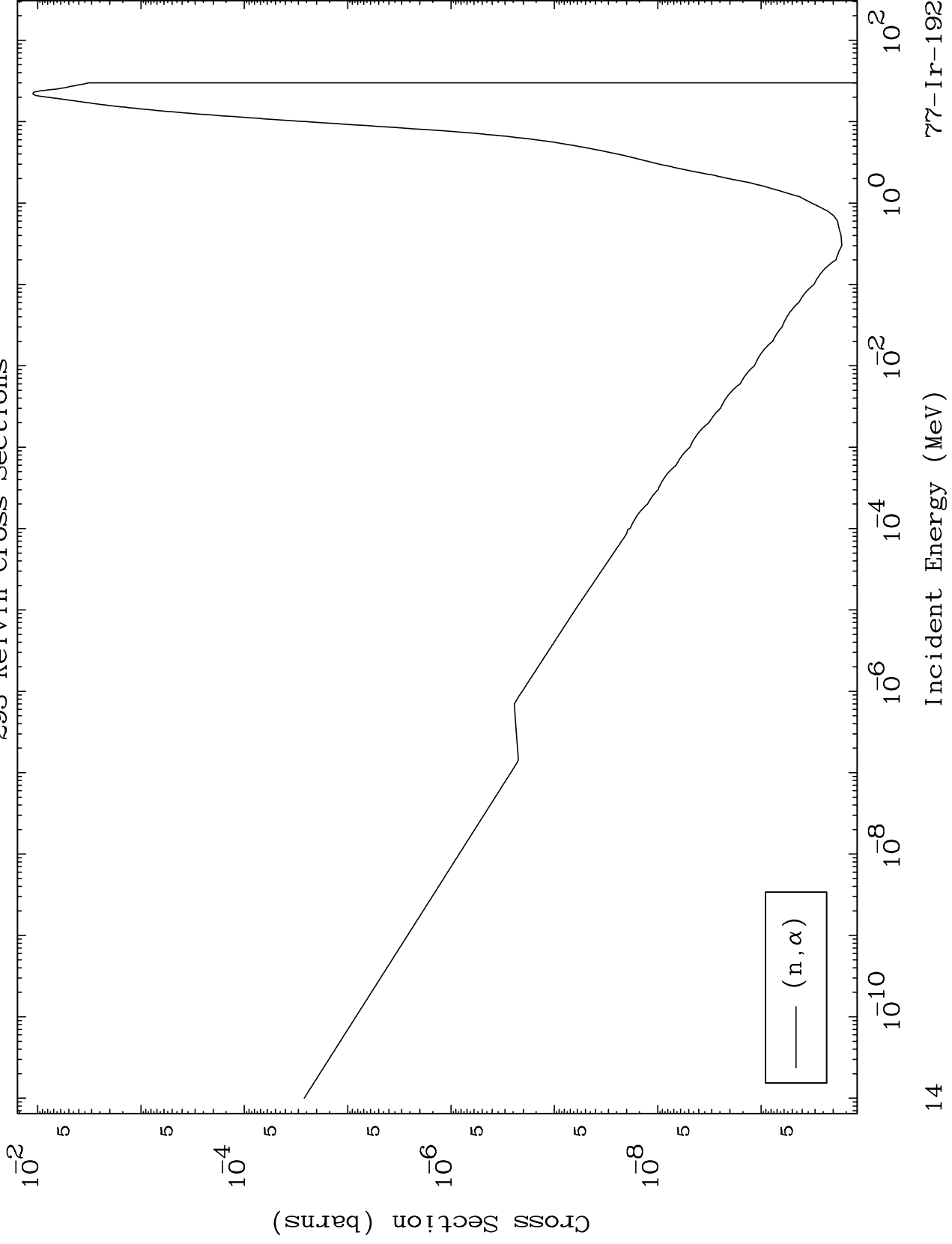
Incident Energy (MeV)

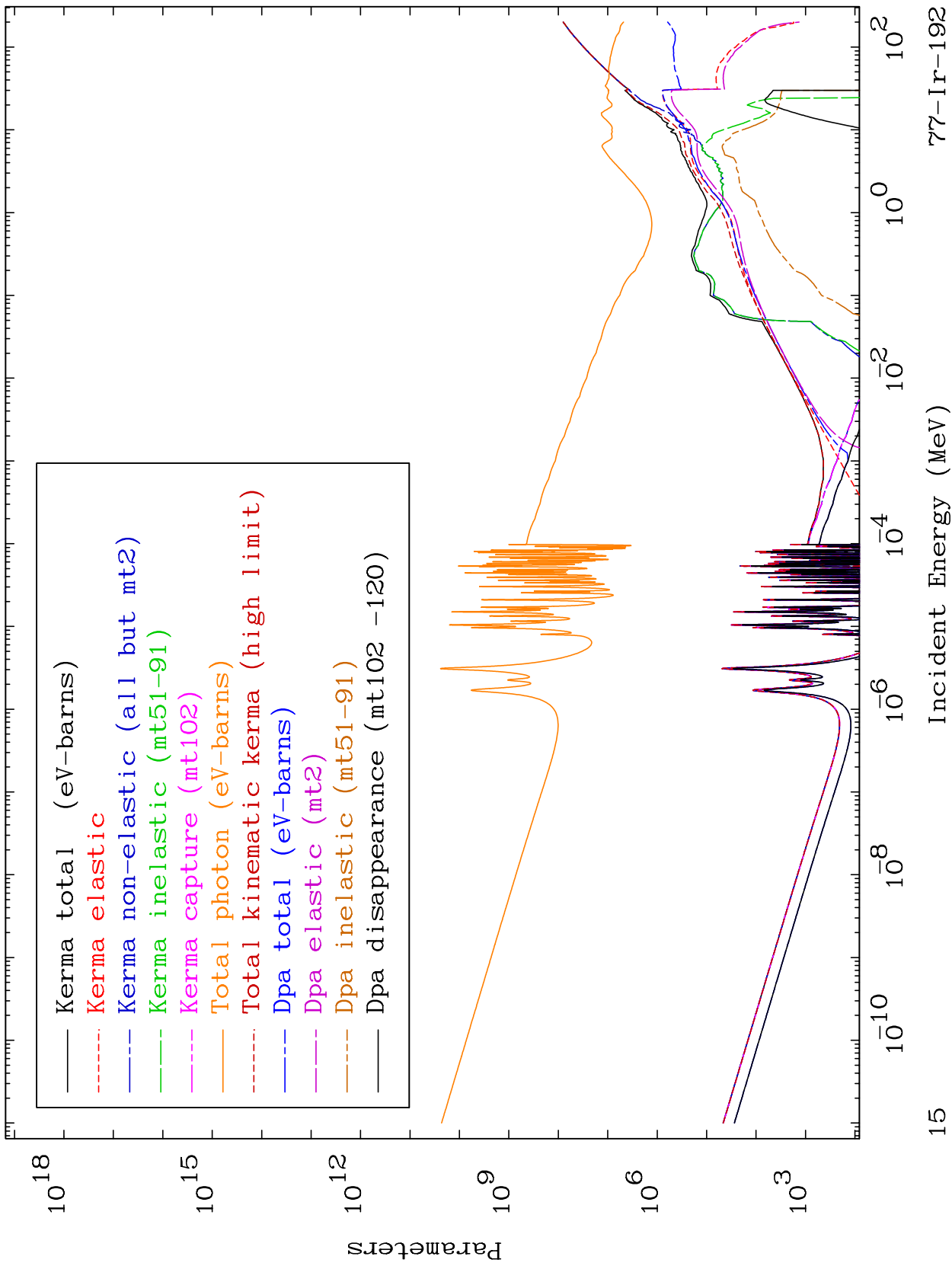
77-Ir-192

MAT 7729

(n,α) Levels
293 Kelvin Cross Sections

77-Ir-192

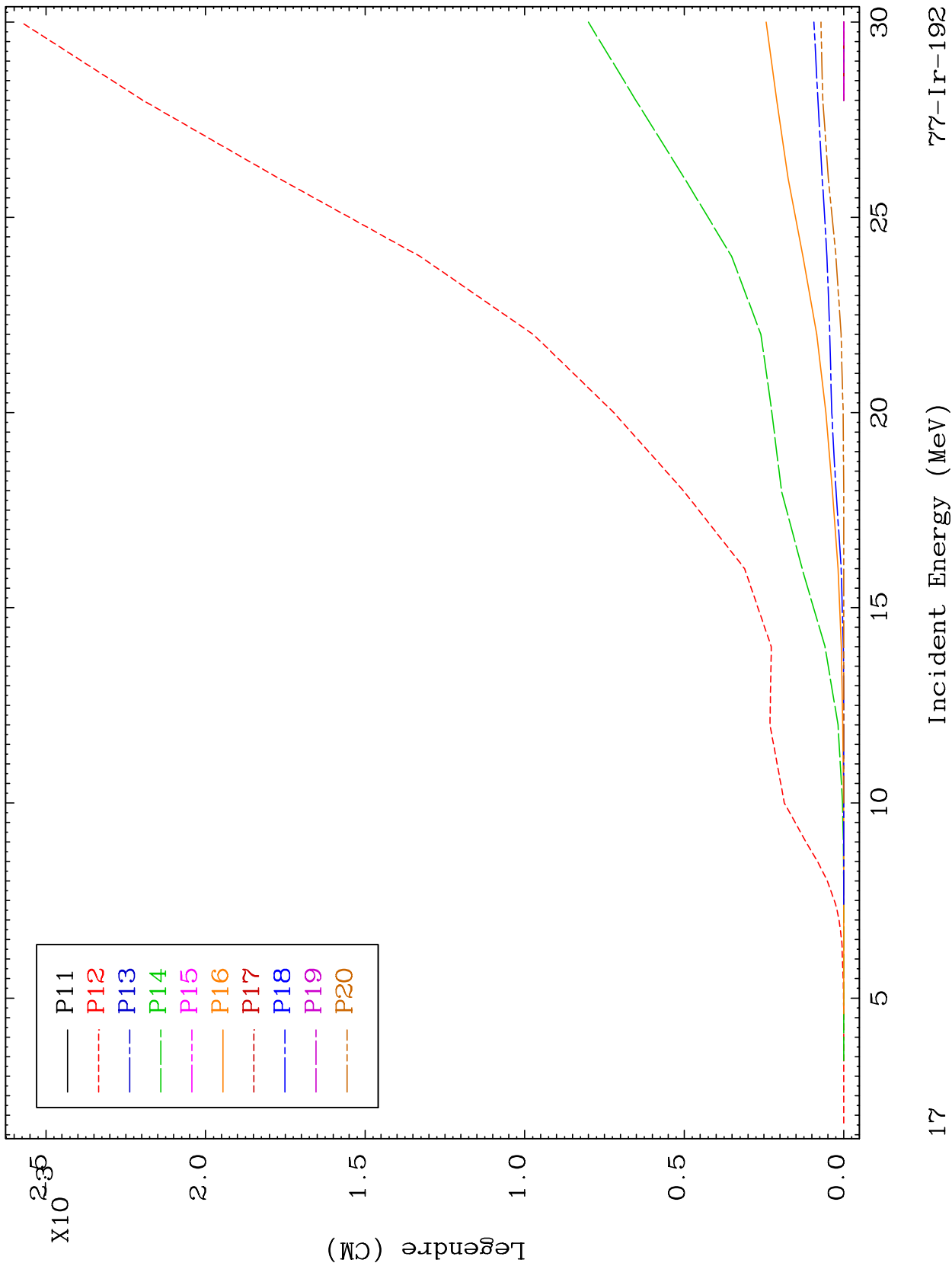




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Elastic
Legendre Coefficients

77-Ir-192



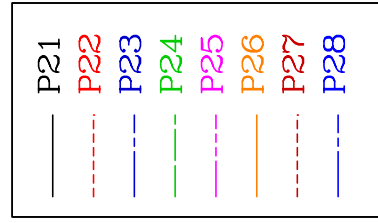
17

77-Ir-192

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Elastic
Legendre Coefficients

77-Ir-192



$\times 10^{-5}$
Legendre (CM)



18

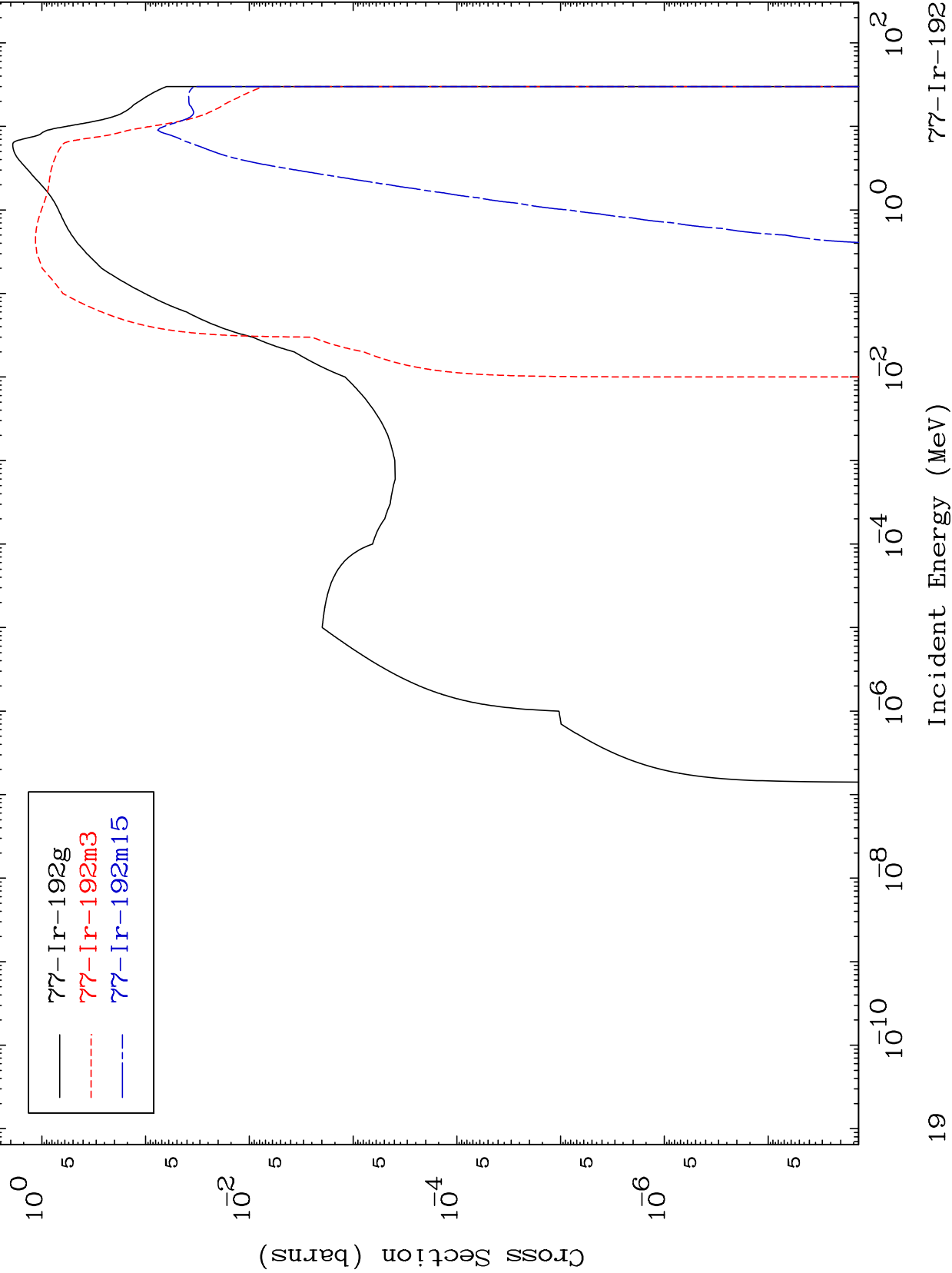
Incident Energy (MeV)

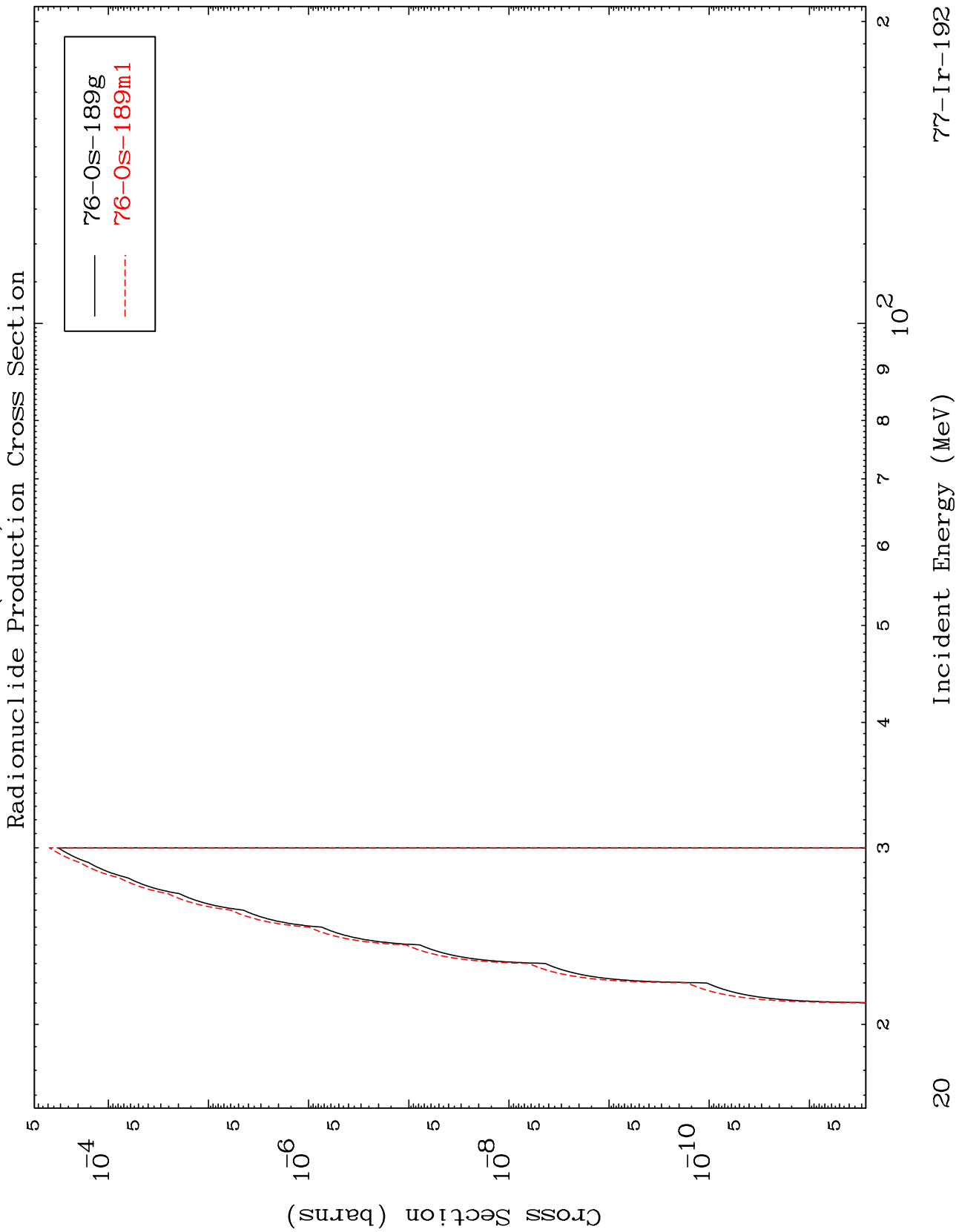
77-Ir-192

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Inelastic
Radionuclide Production Cross Section

⁷⁷Ir-192

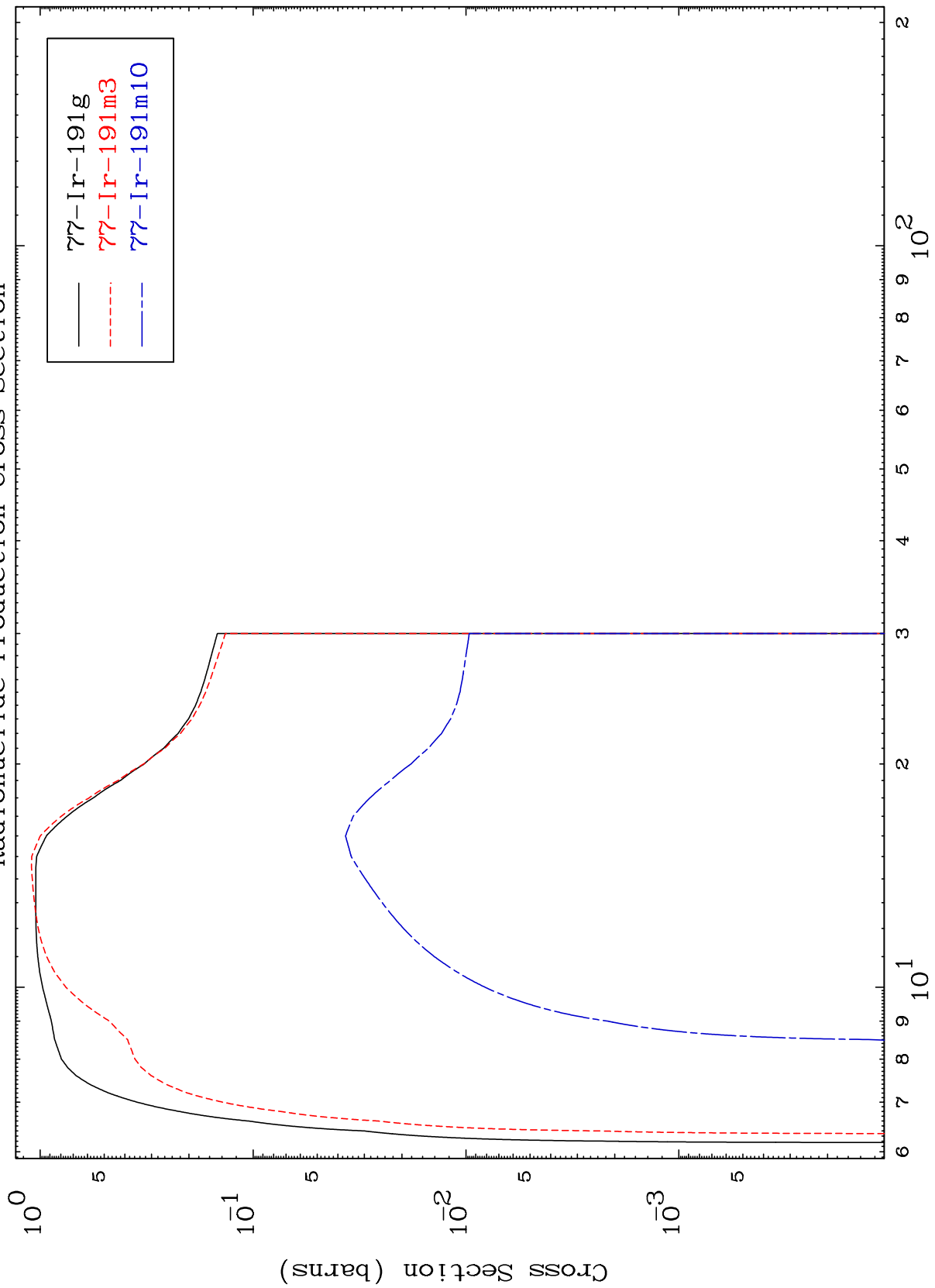




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77-Ir-192

(n,2n)
Radionuclide Production Cross Section

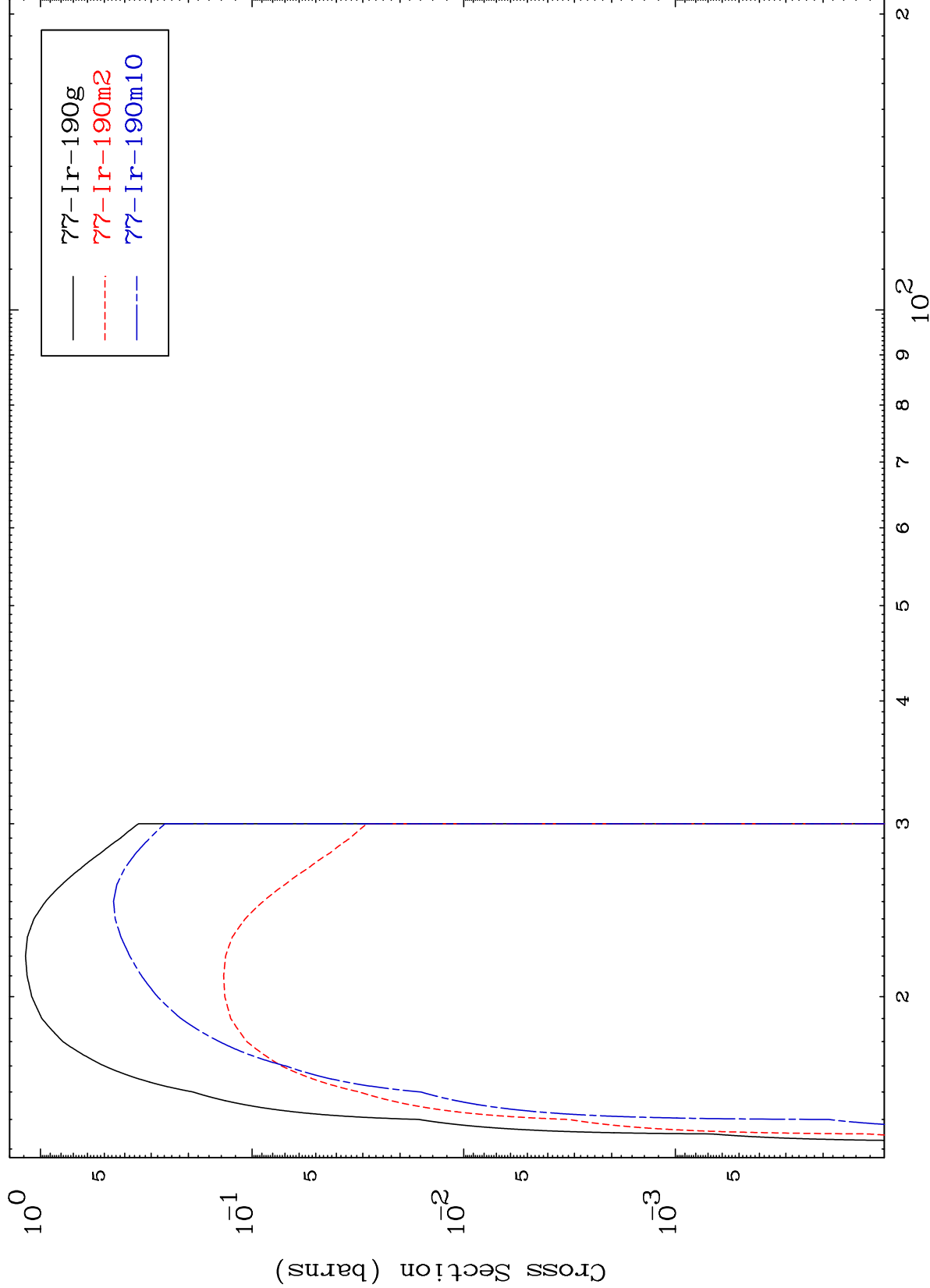


77-Ir-192

Incident Energy (MeV)

21

Radionuclide Production Cross Section

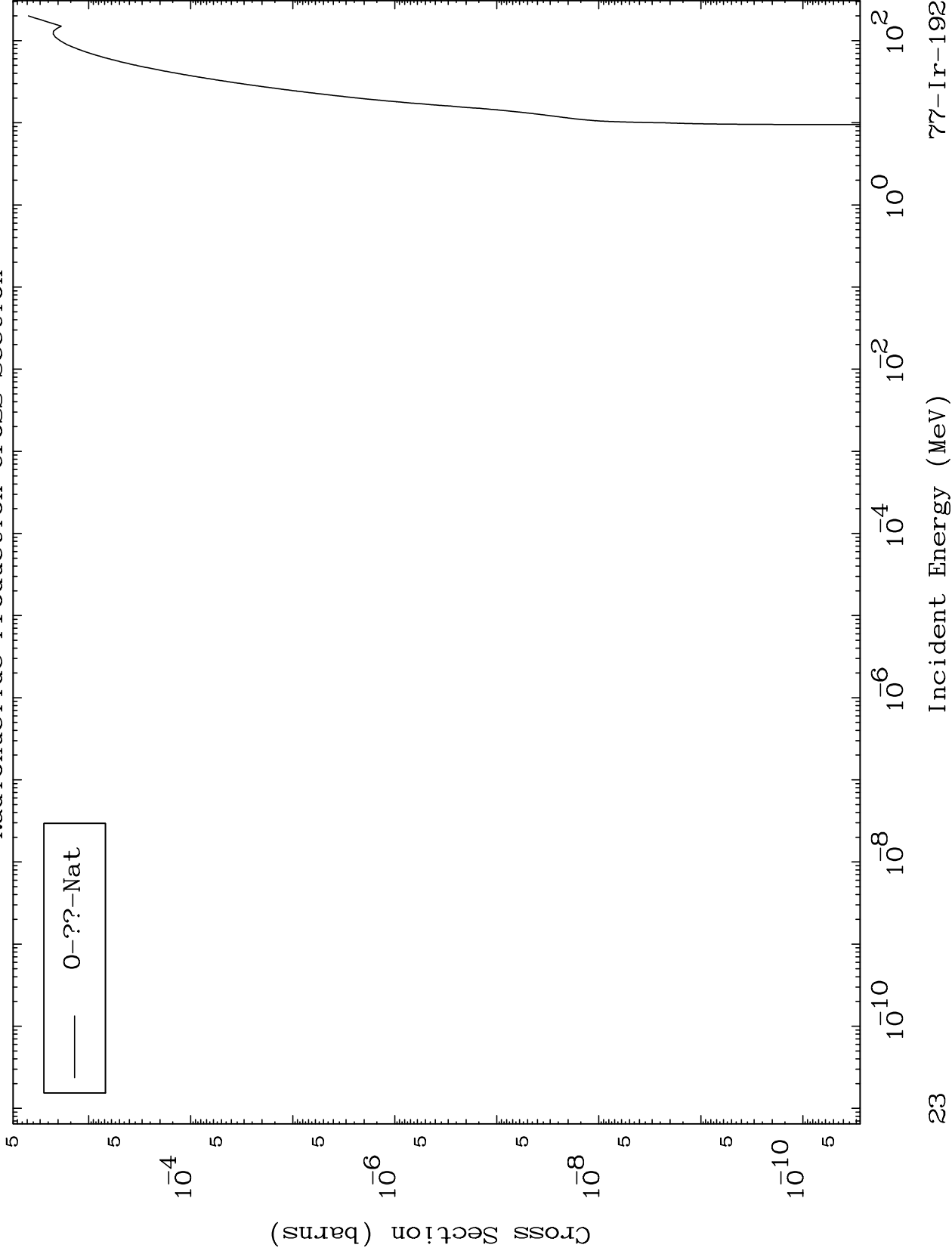


MAT 7729

Fission

⁷⁷Ir-192

Radionuclide Production Cross Section



23

Incident Energy (MeV)

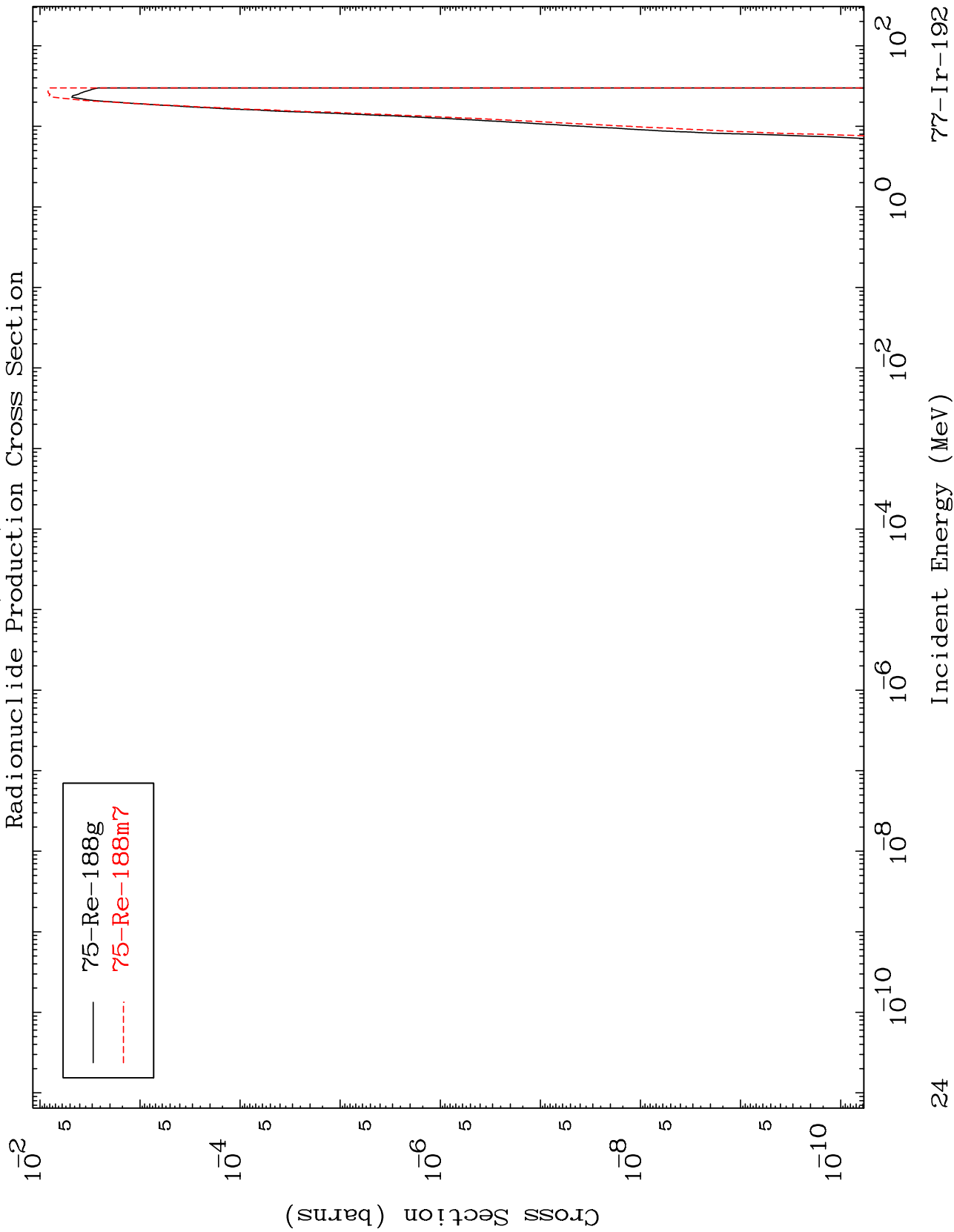
⁷⁷Ir-192

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$(n, n') \alpha$

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

Radionuclide Production Cross Section

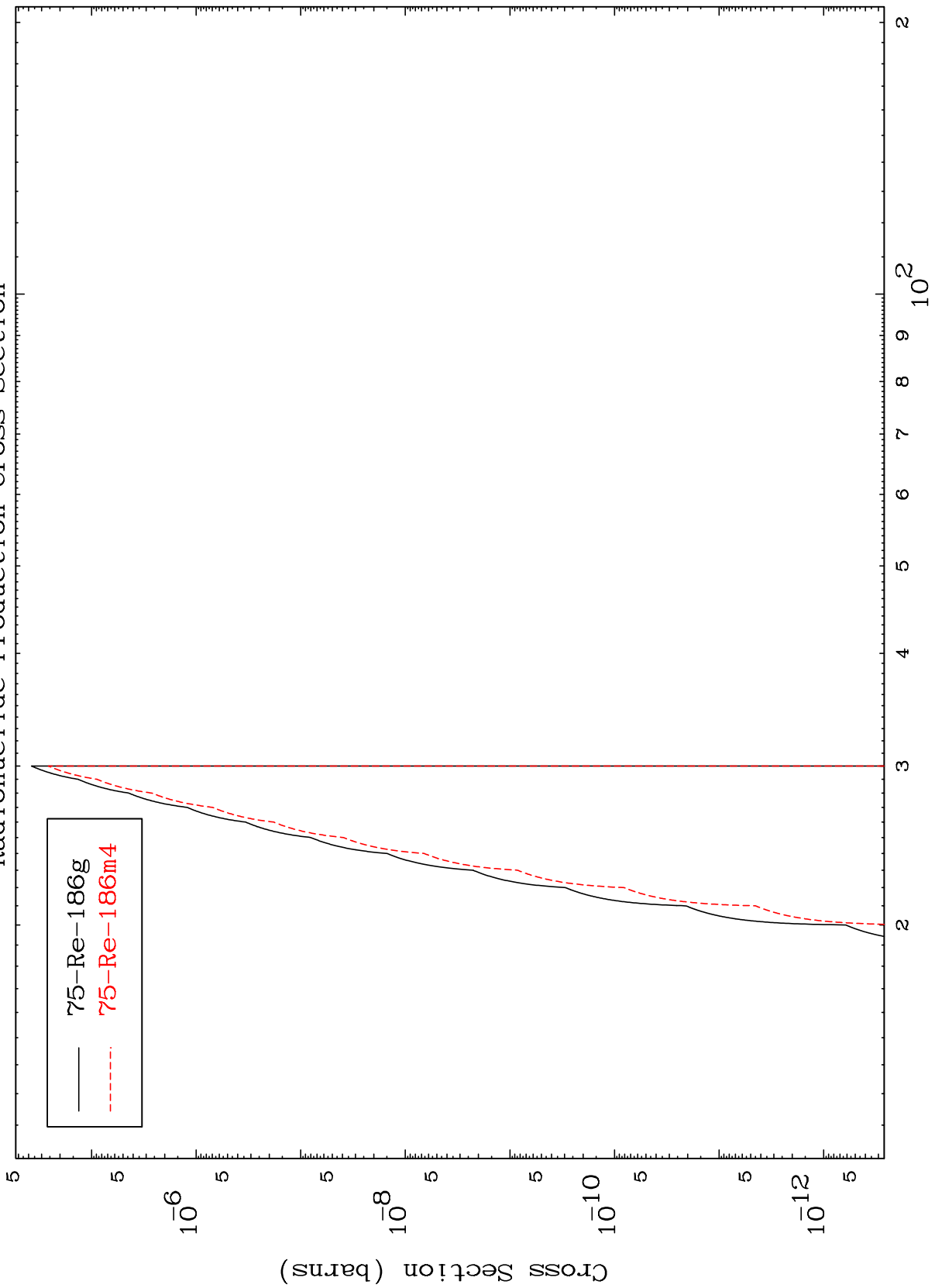


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$(n,3n) \alpha$

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

Radionuclide Production Cross Section

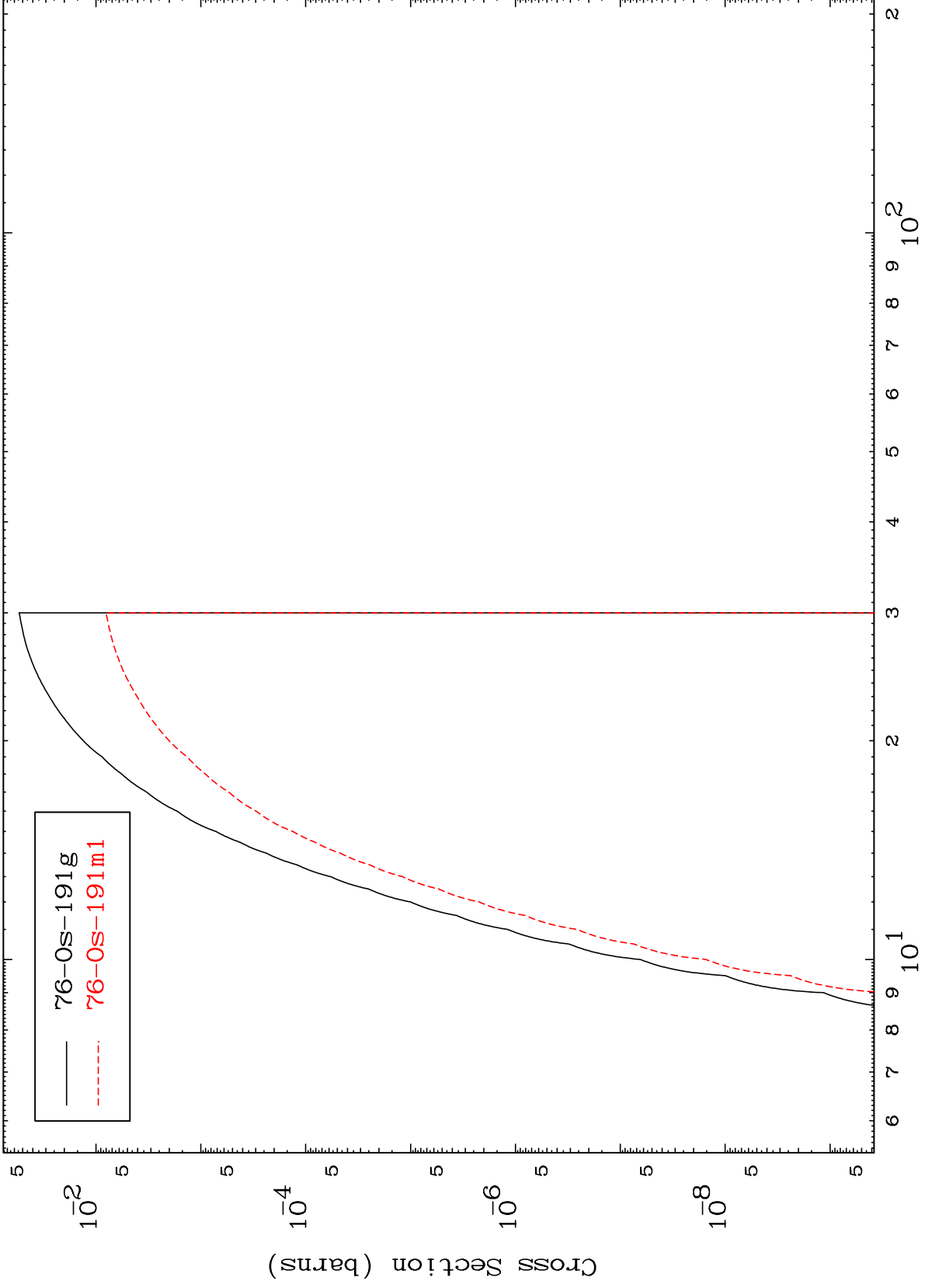


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(n,n') p

77-Ir-192

Radionuclide Production Cross Section



26

Incident Energy (MeV)

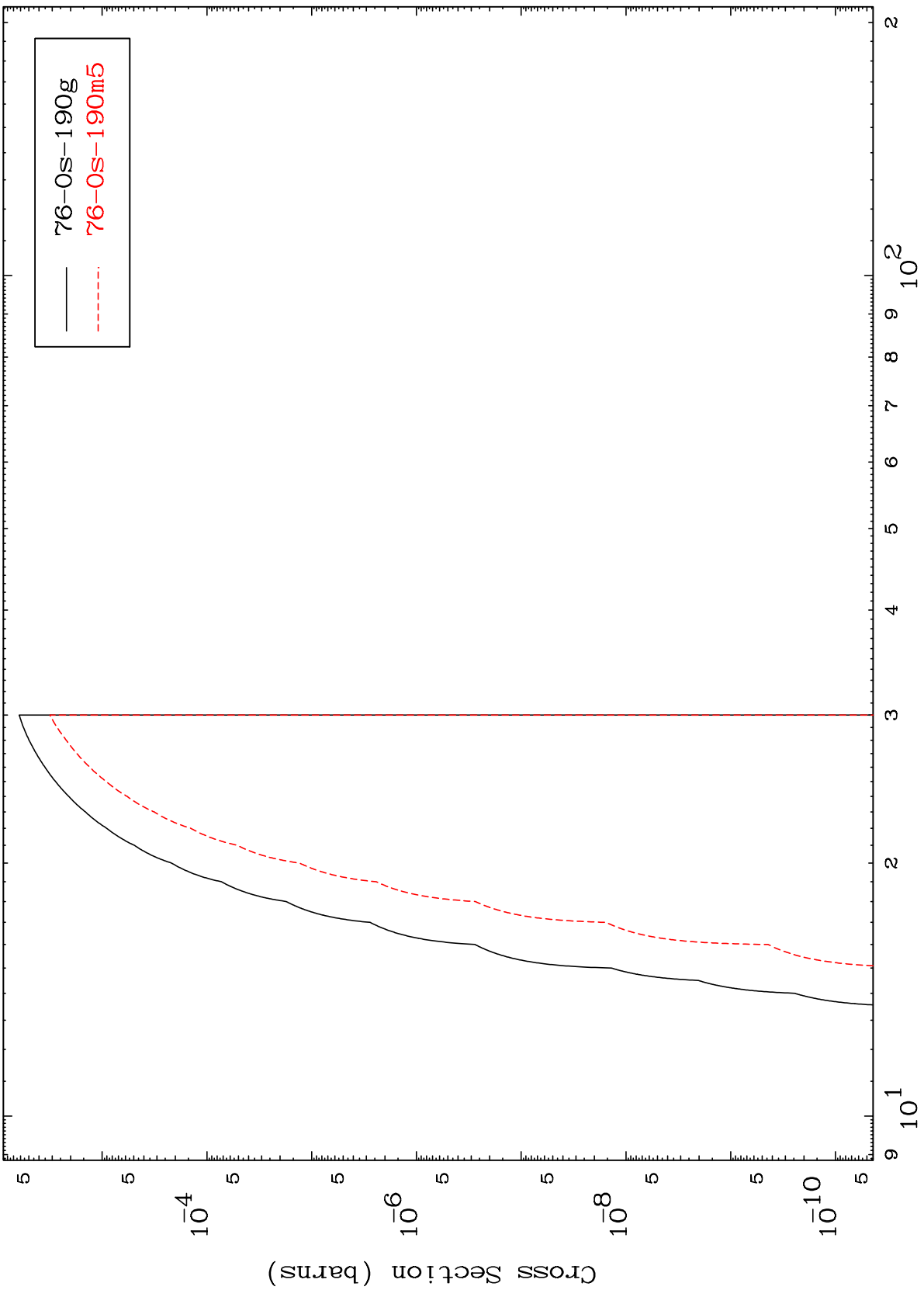
77-Ir-192

MAT 7729

(n,n') d

77-Ir-192

Radionuclide Production Cross Section

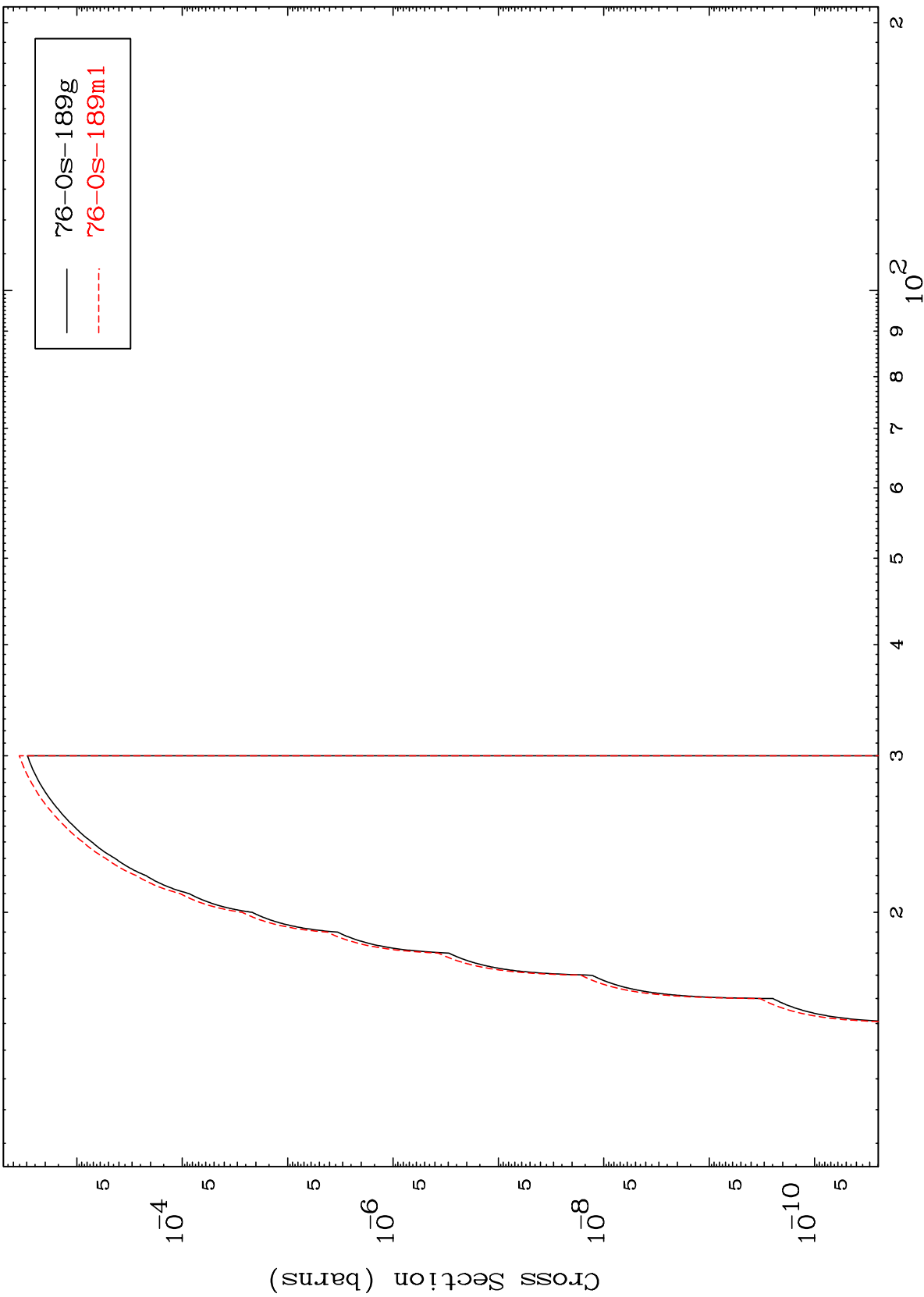


27

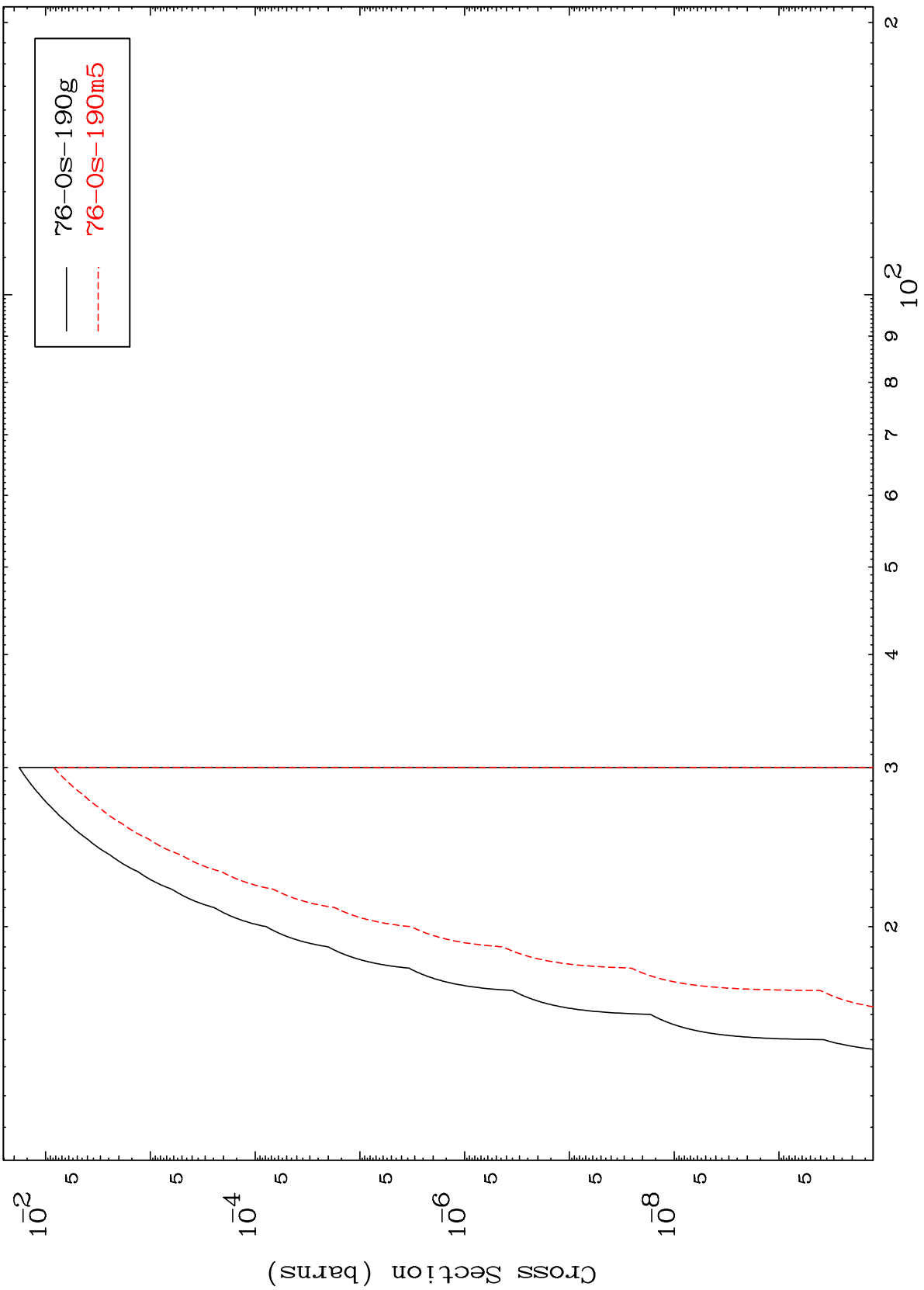
Incident Energy (MeV)

77-Ir-192

Radionuclide Production Cross Section



Radionuclide Production Cross Section

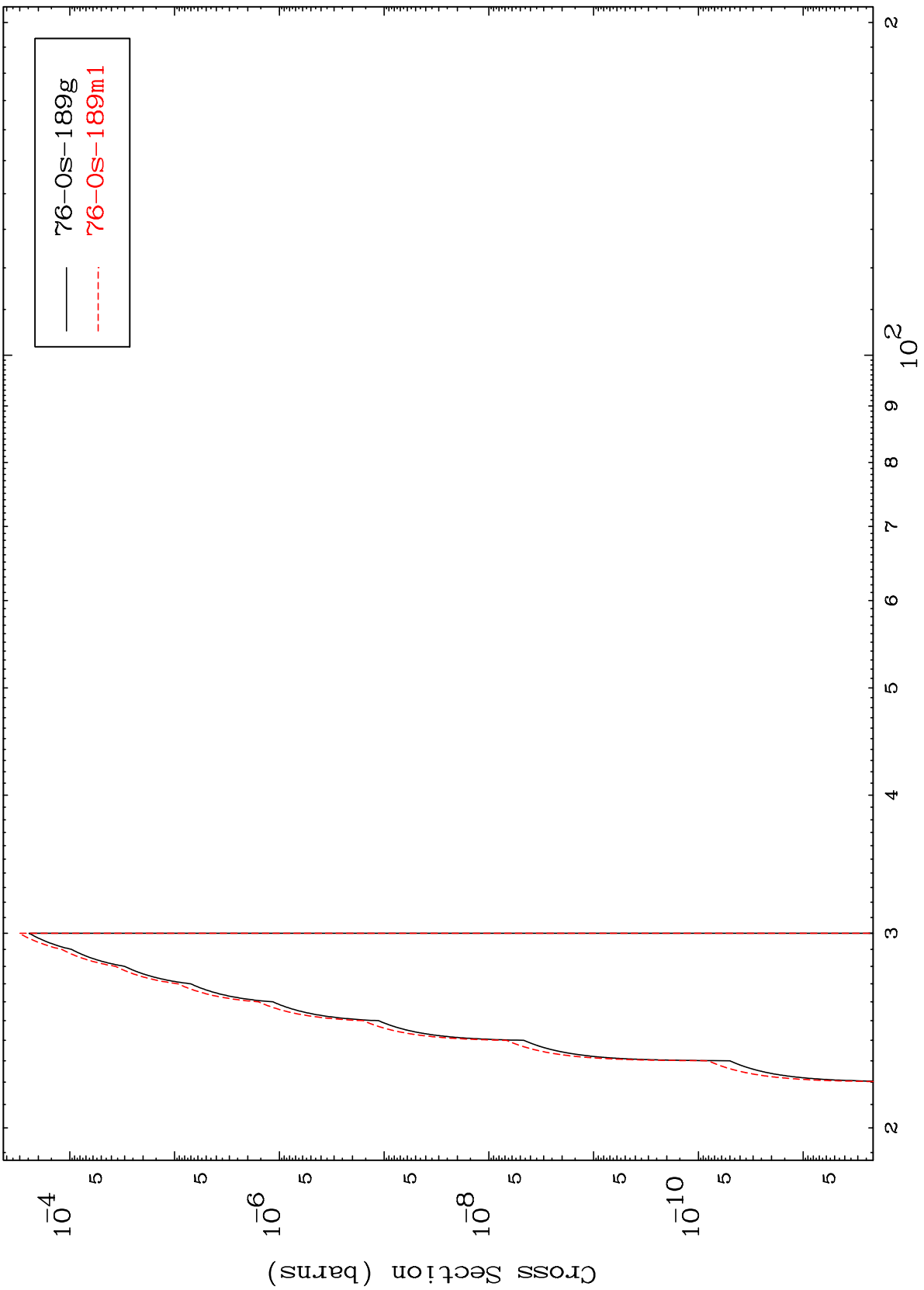


MAT 7729

(n,3n) p

77-Ir-192

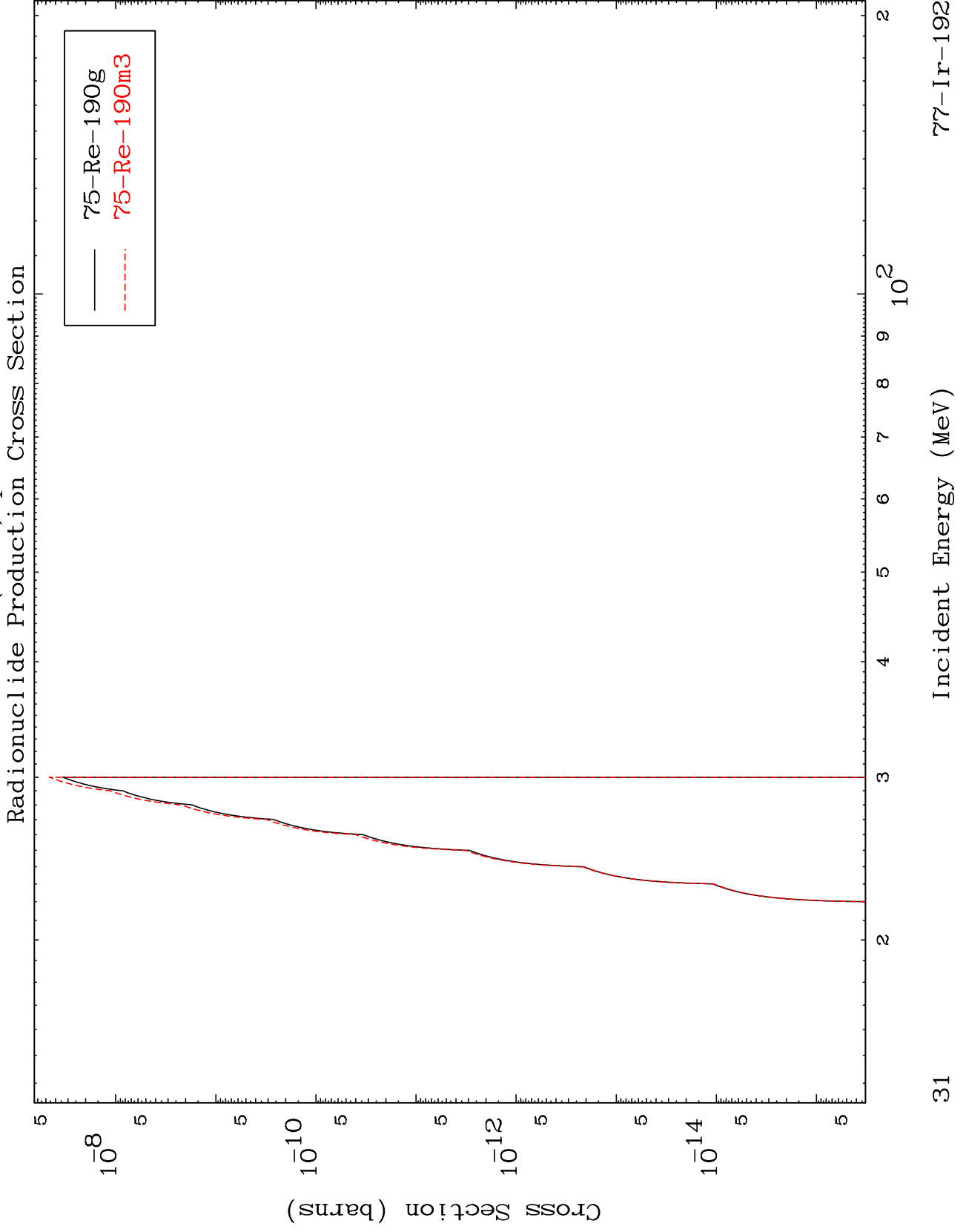
Radionuclide Production Cross Section



30

Incident Energy (MeV)

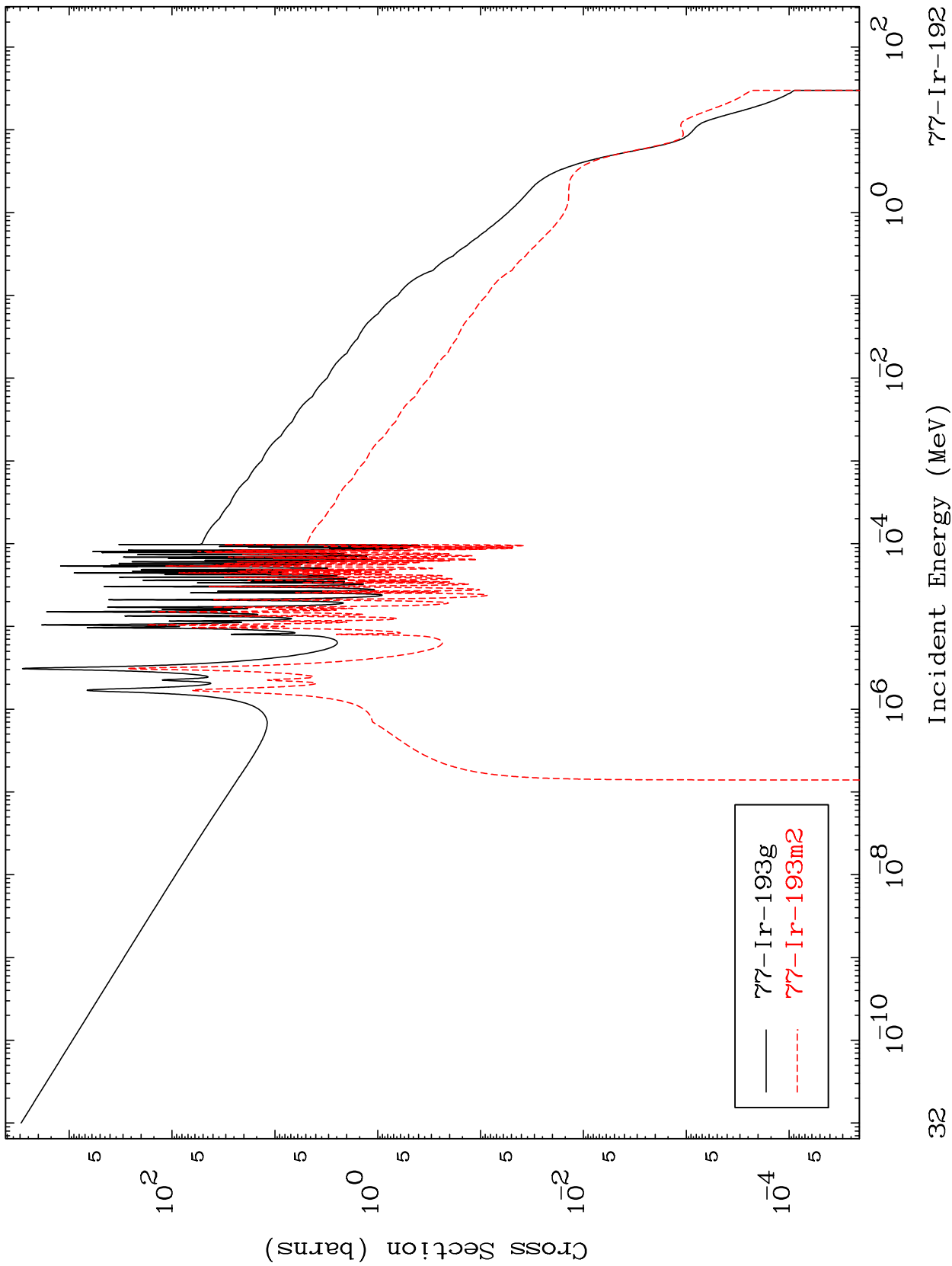
77-Ir-192



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⁷⁷Ir-192

^(n,γ)
Radionuclide Production Cross Section

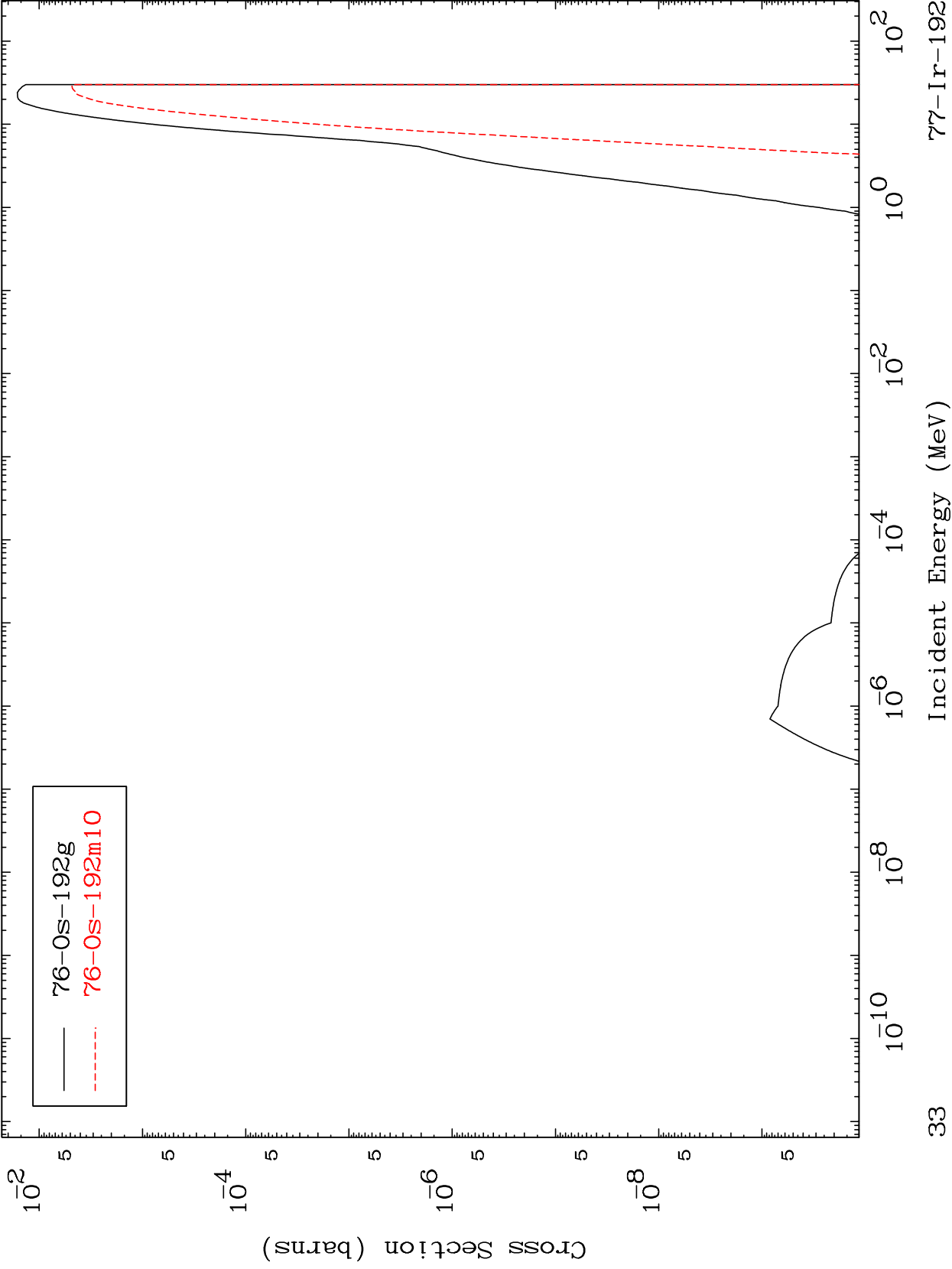


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(n,p)

⁷⁷Ir-192

Radionuclide Production Cross Section

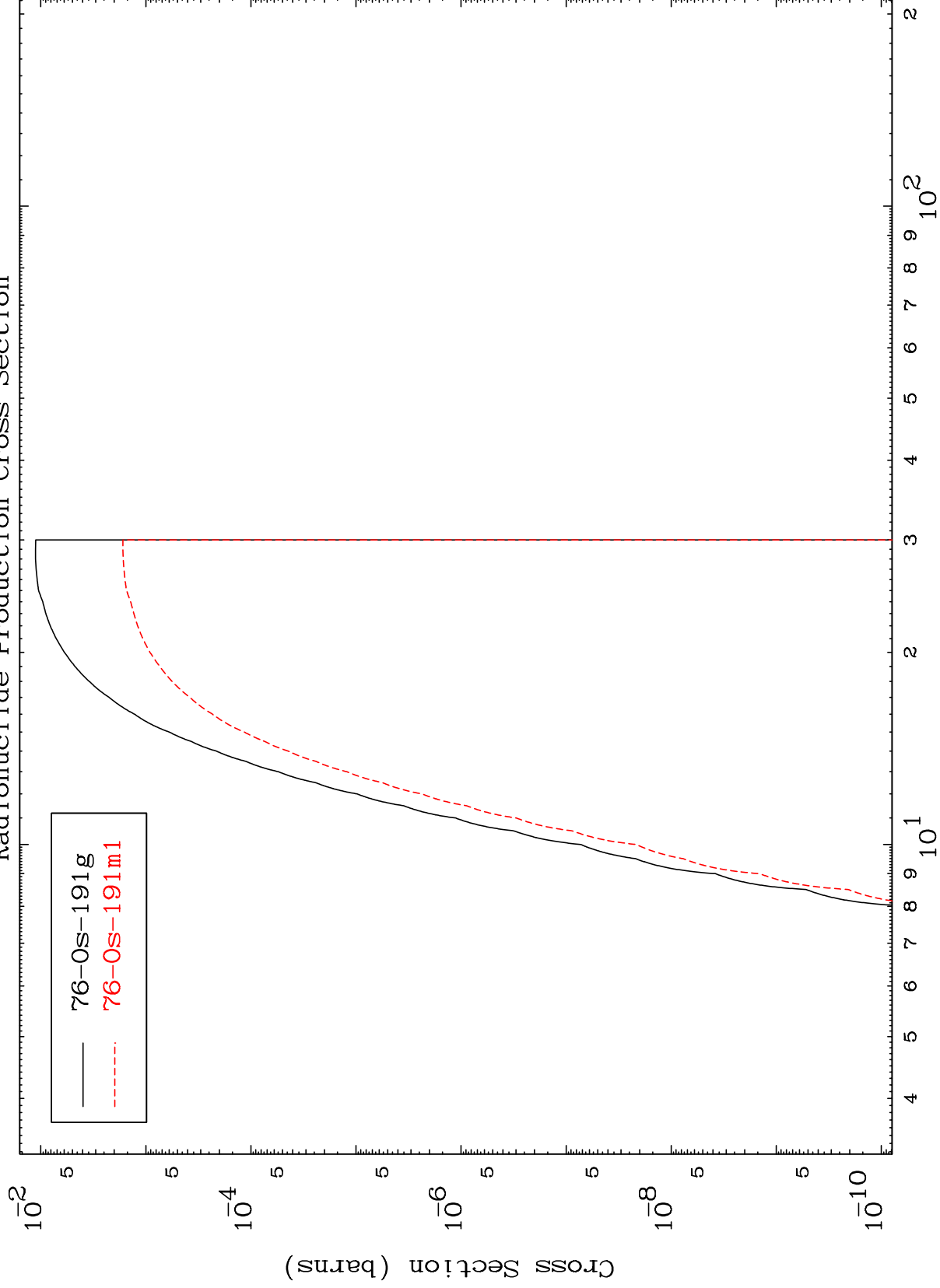


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(n,d)

⁷⁷Ir-192

Radionuclide Production Cross Section



Incident Energy (MeV)

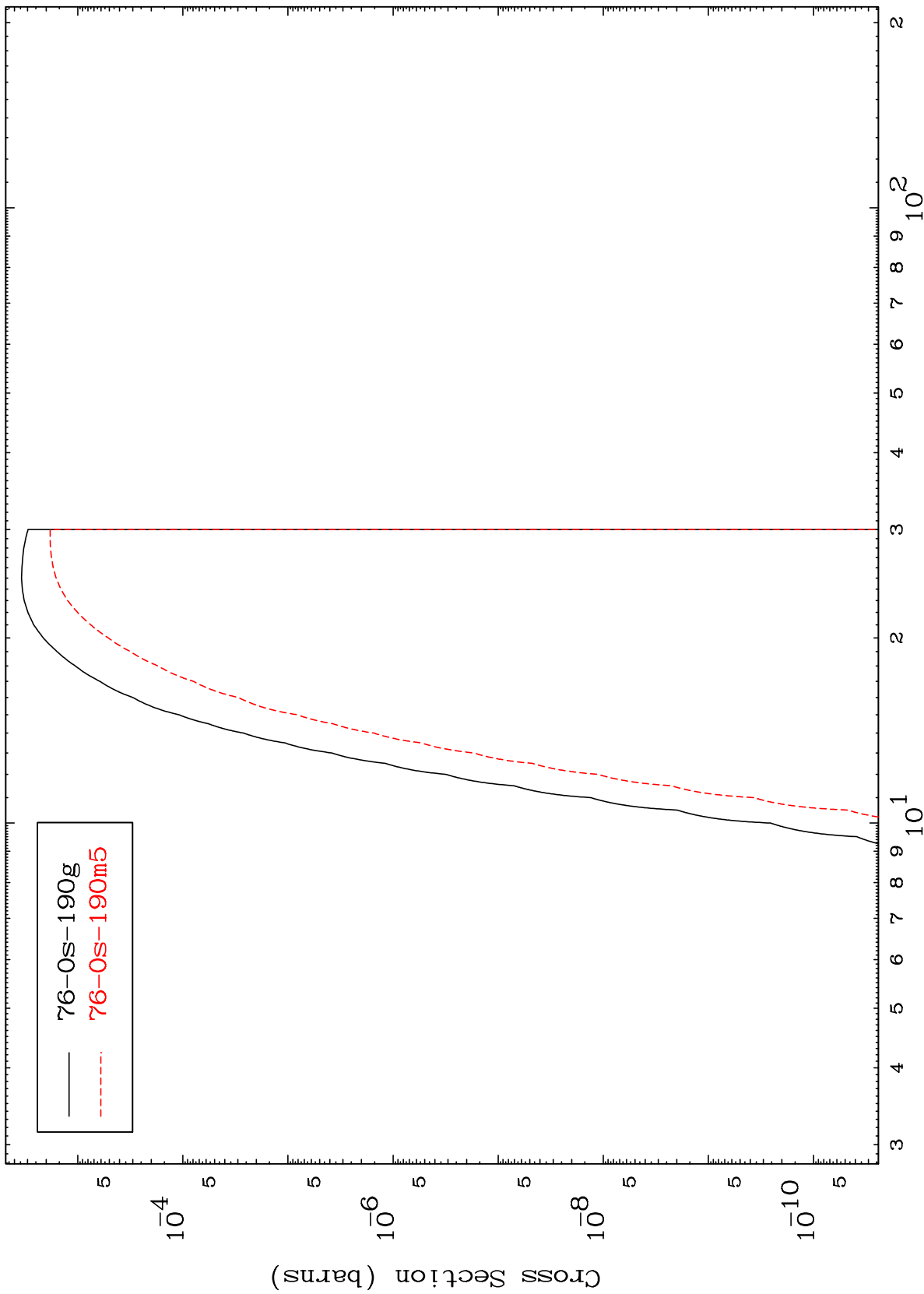
⁷⁷Ir-192

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77-Ir-192

(n, t)
Radionuclide Production Cross Section



77-Ir-192

Incident Energy (MeV)

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