

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

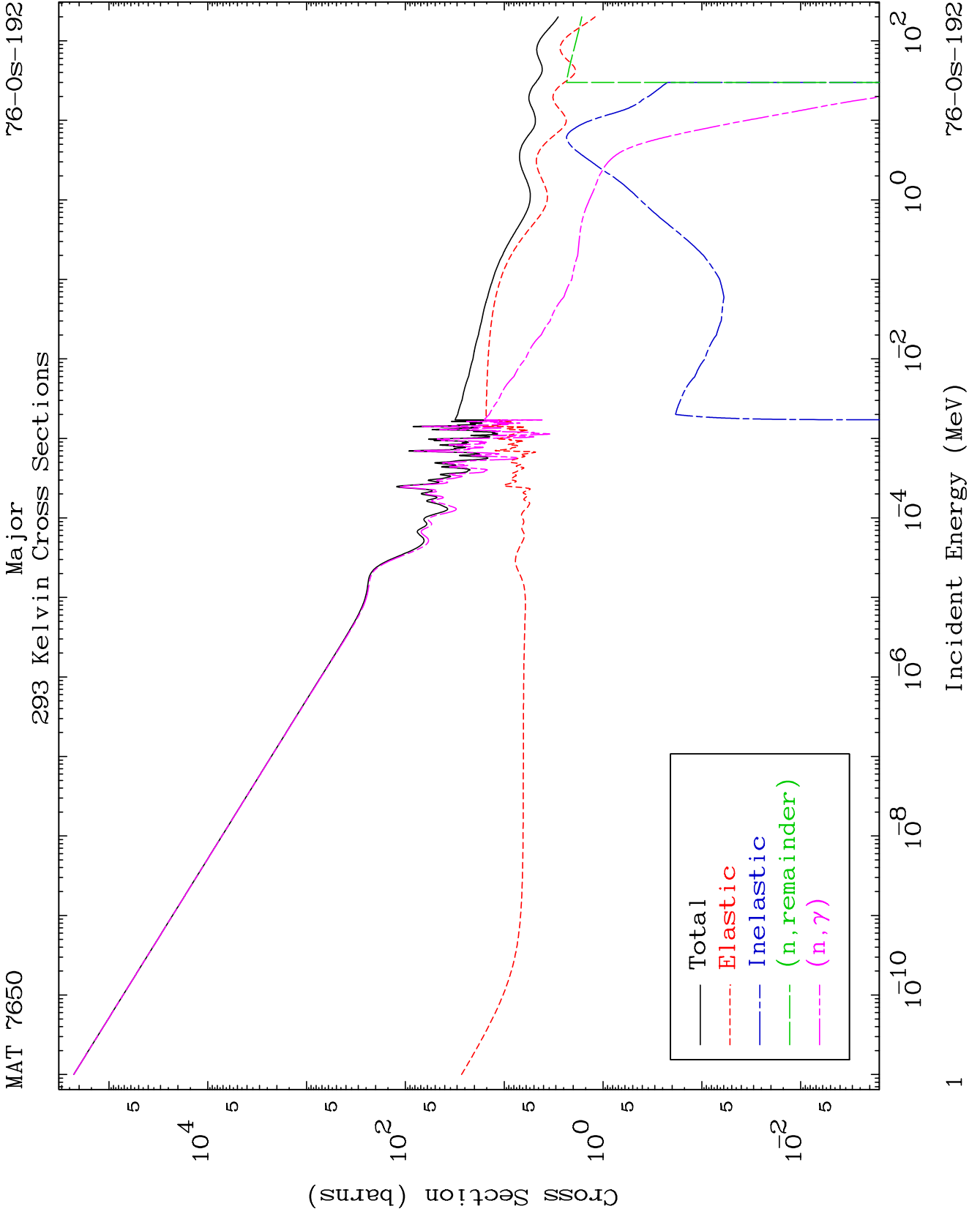
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Web:redcullen1.net/HOMEPAGE.NEW

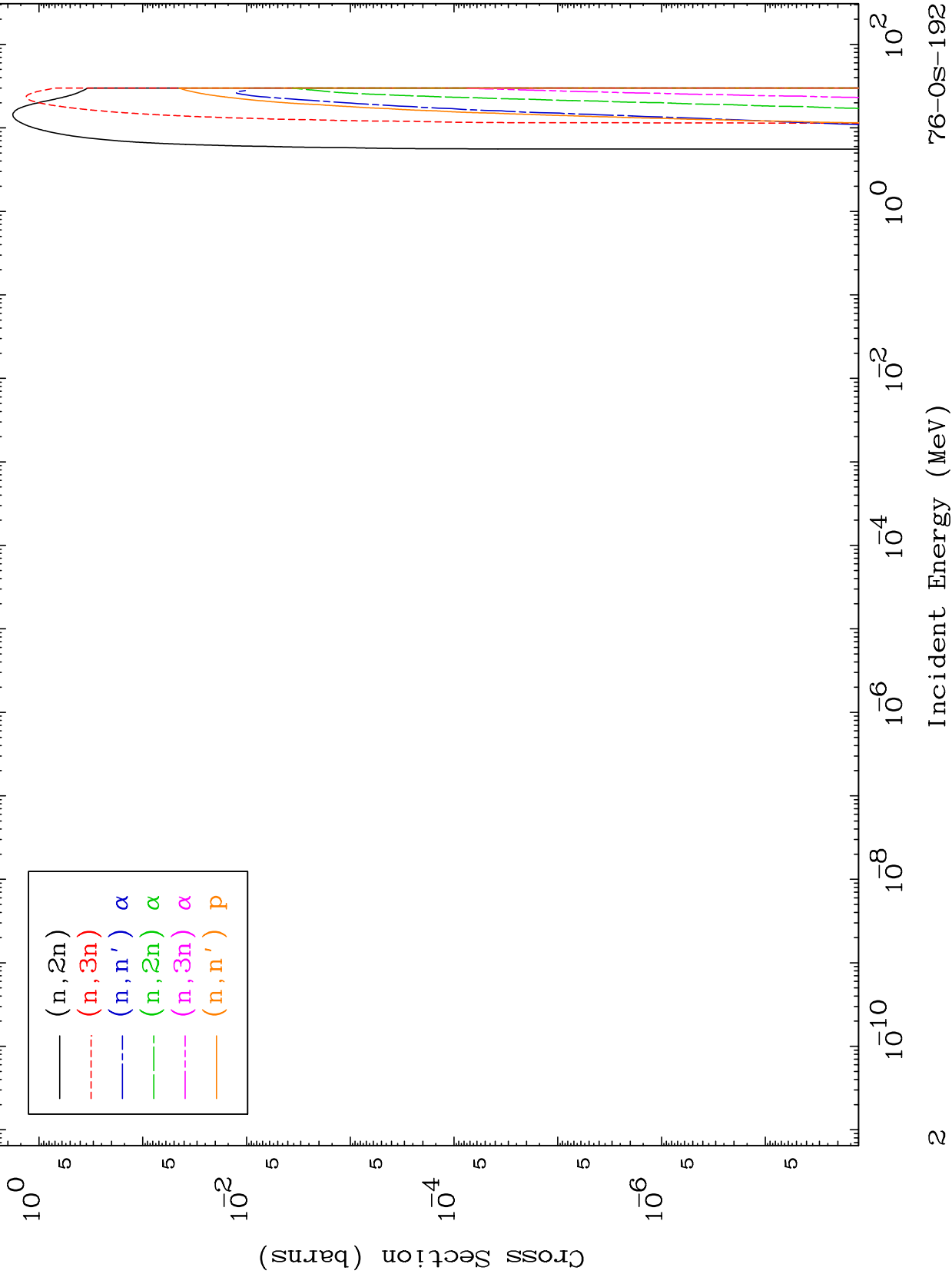
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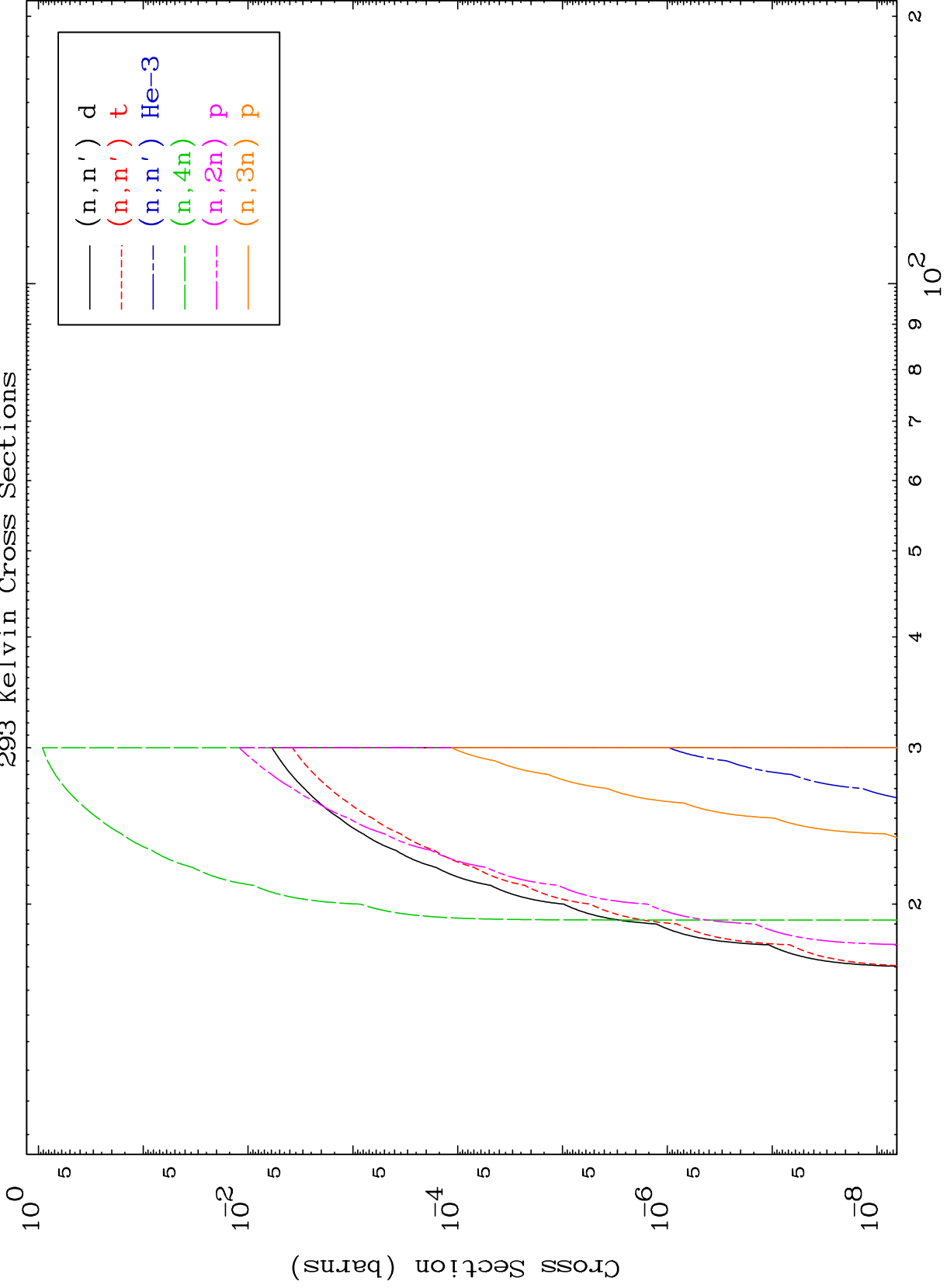


MAT 7650

Neutron Production
293 Kelvin Cross Sections

76-Os-192

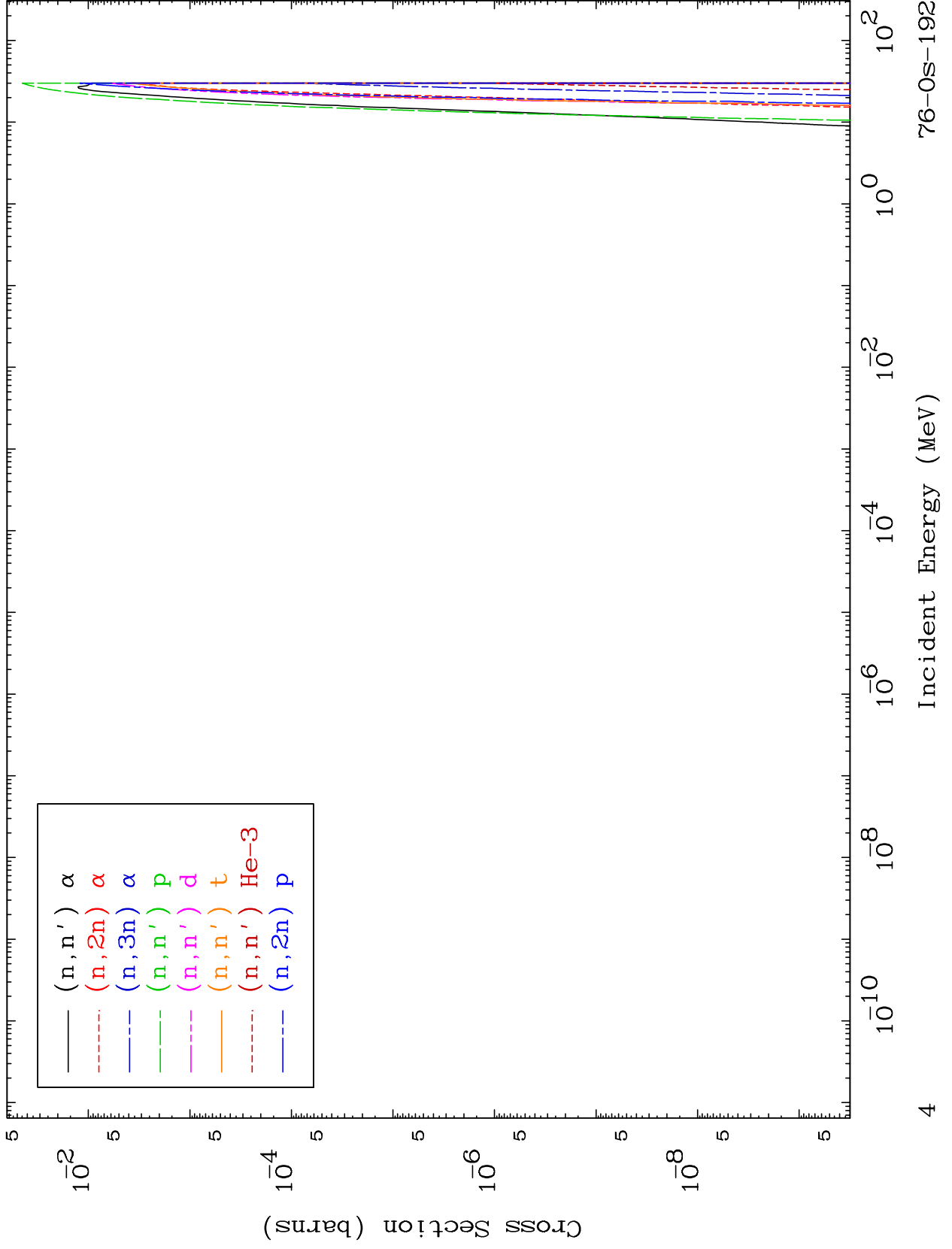




MAT 7650

Charged Particle
293 Kelvin Cross Sections

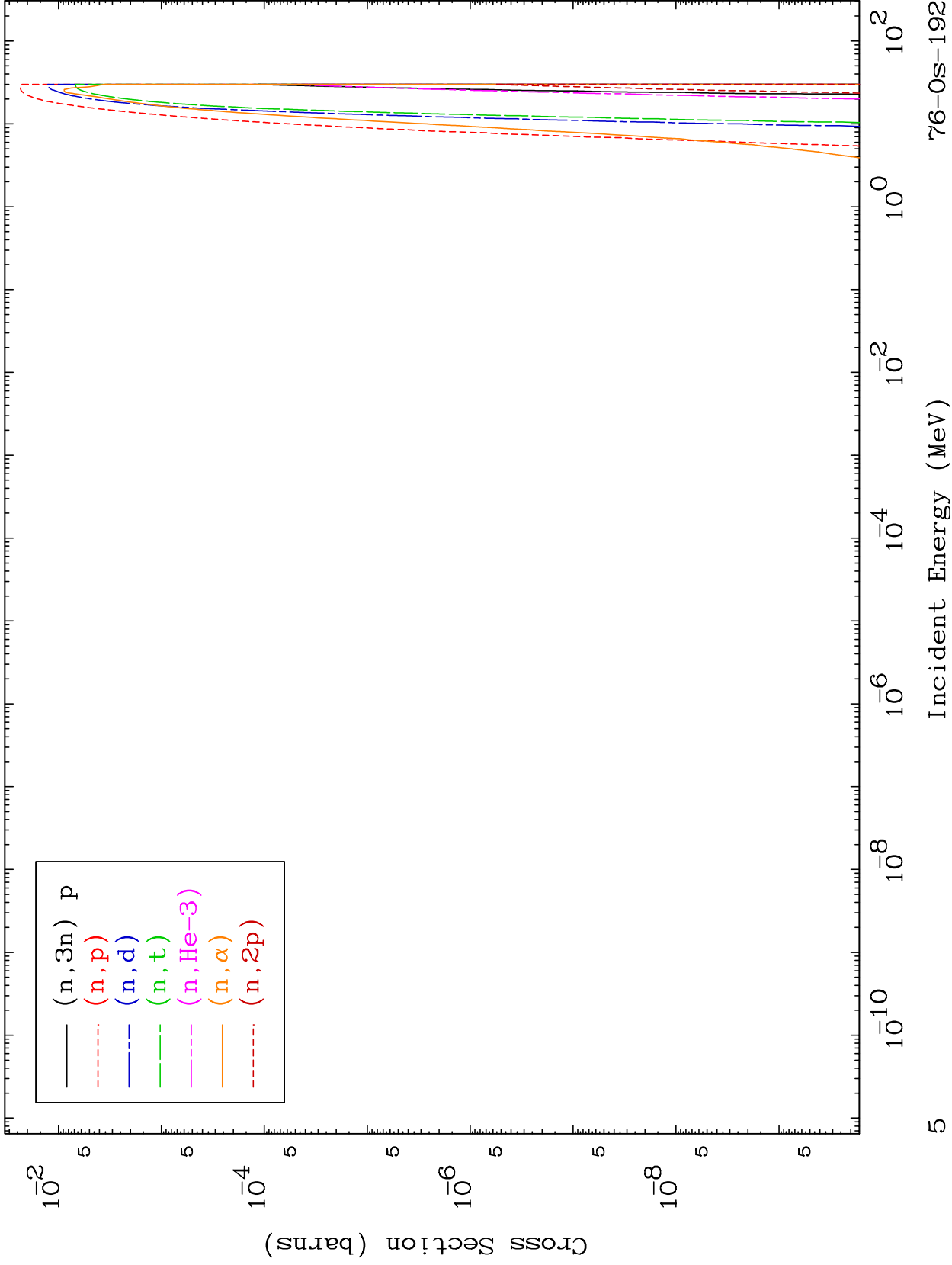
76-Os-192



MAT 7650

Charged Particle
293 Kelvin Cross Sections

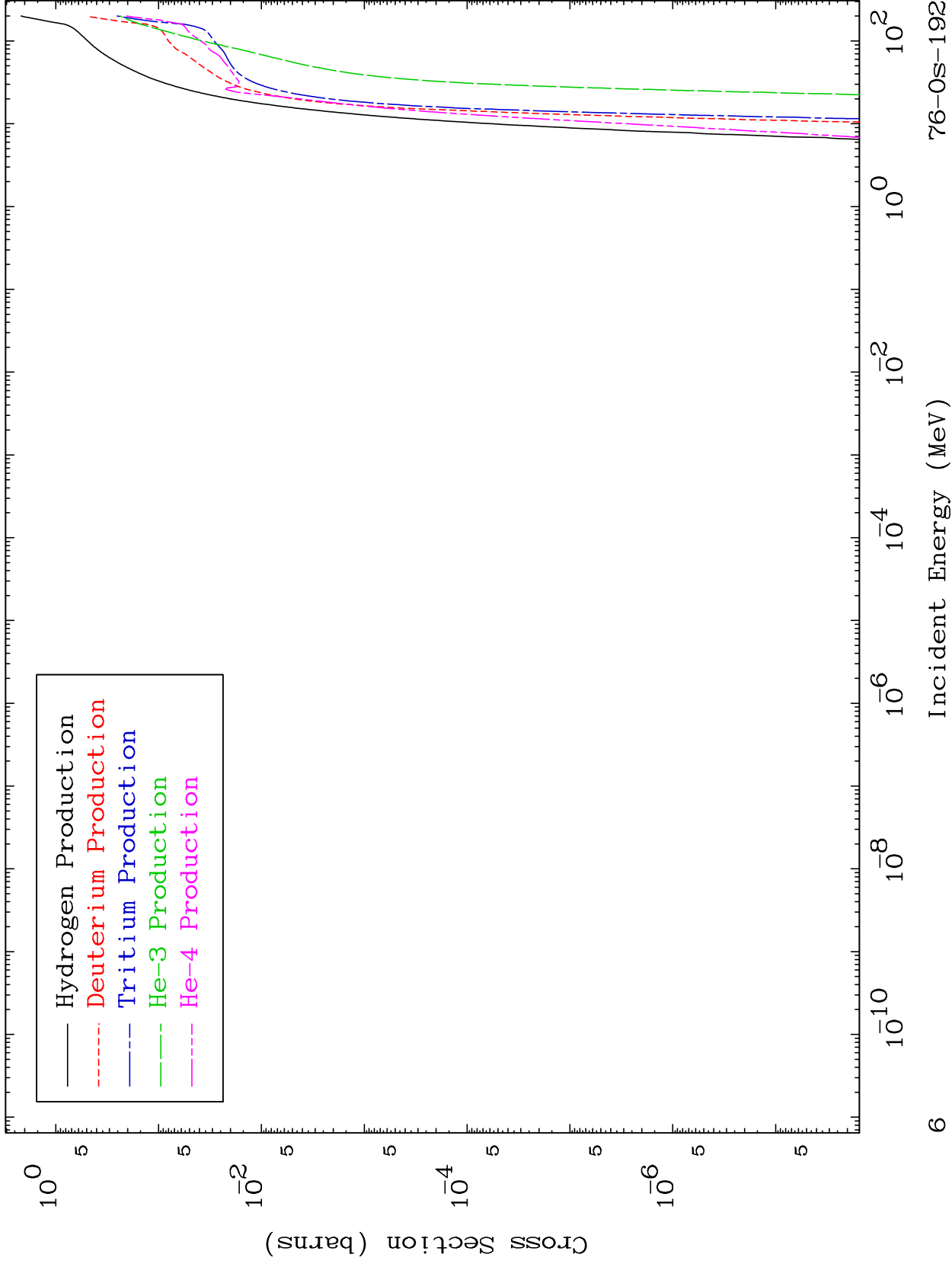
76-Os-192



MAT 7650

Particle Production
293 Kelvin Cross Sections

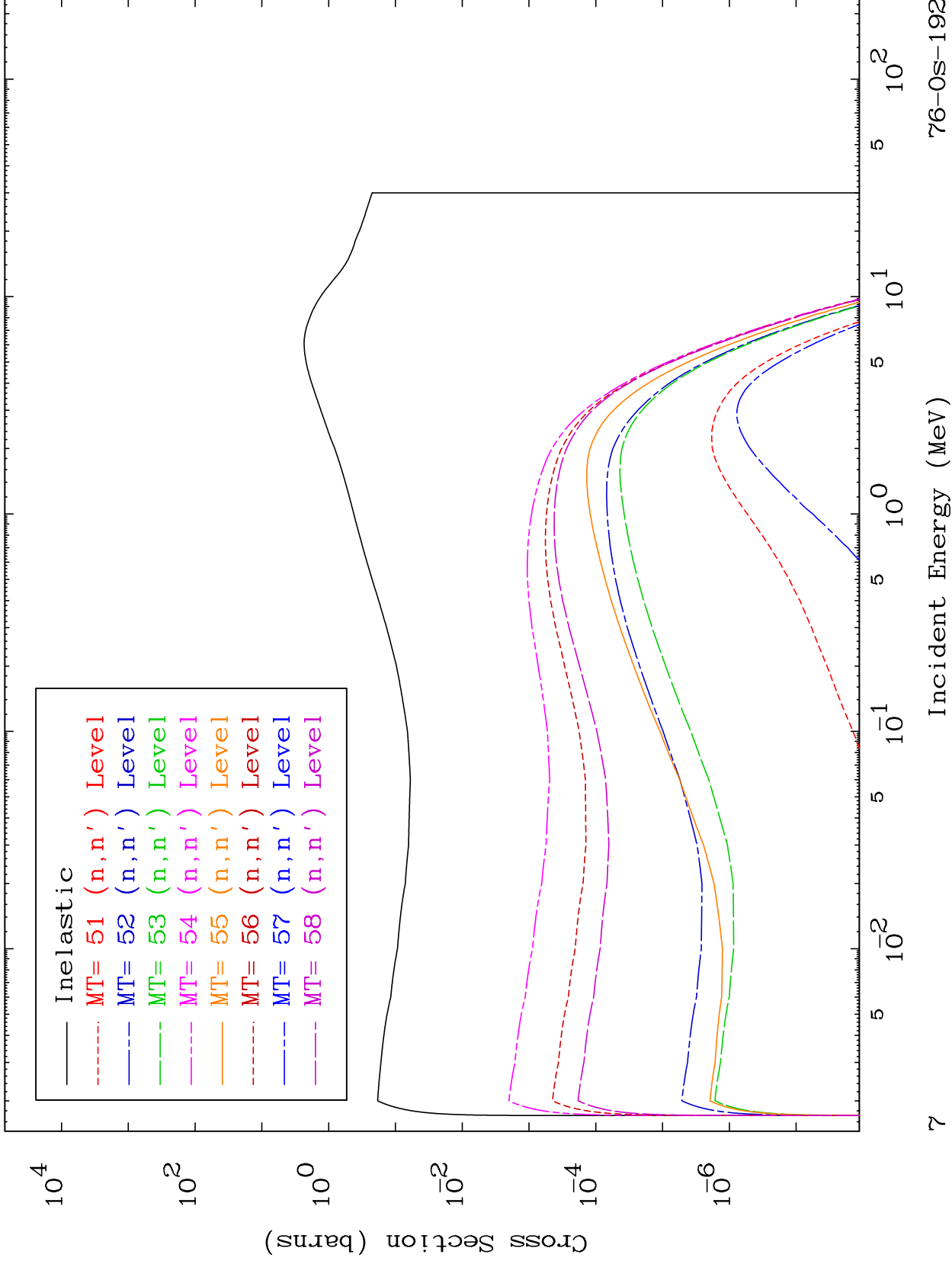
76-Os-192



MAT 7650

293 Kelvin Cross Sections
(n,n') Level

76-Os-192

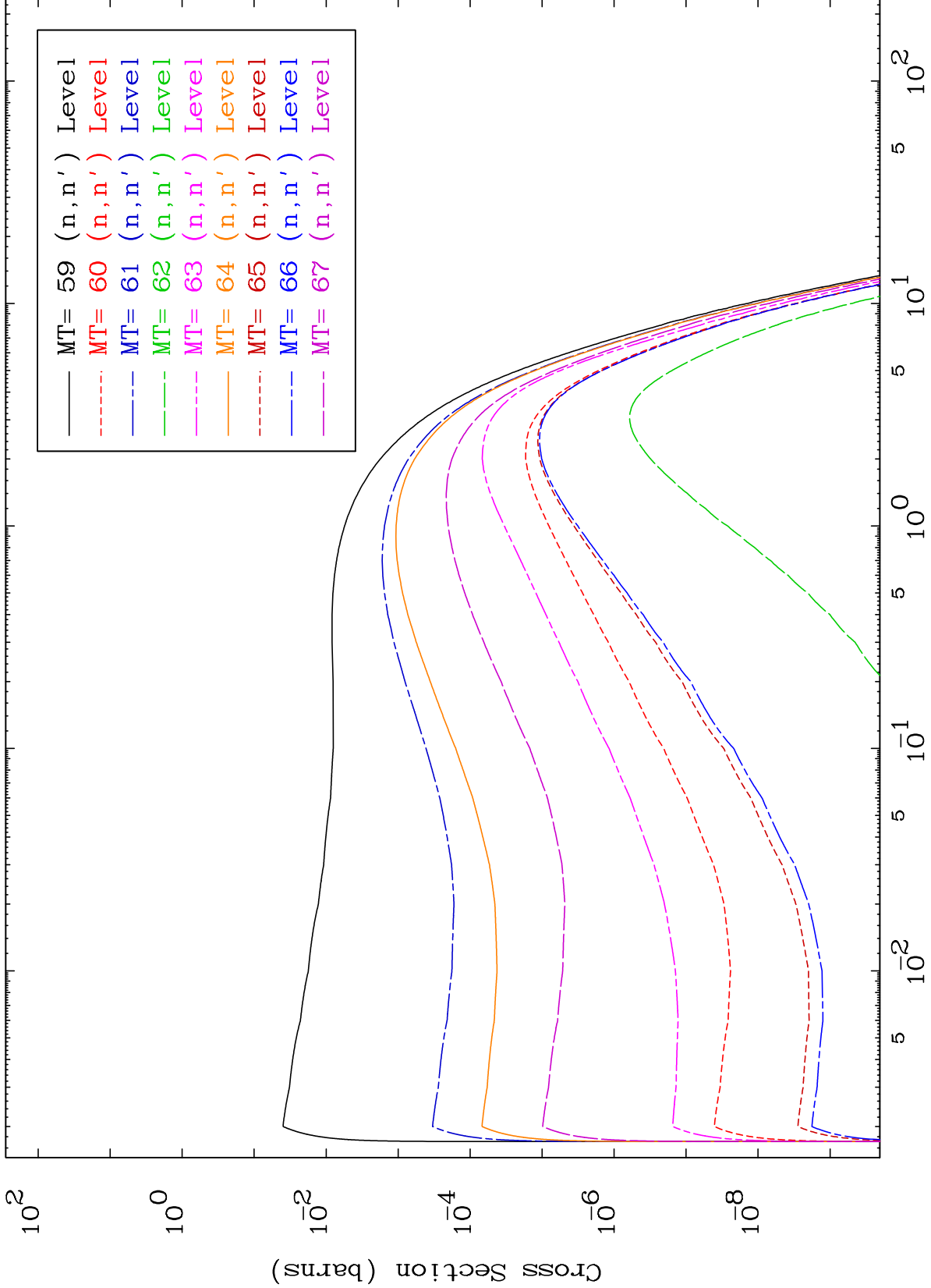


MAT 7650

(n,n') Level

293 Kelvin Cross Sections

76-Os-192

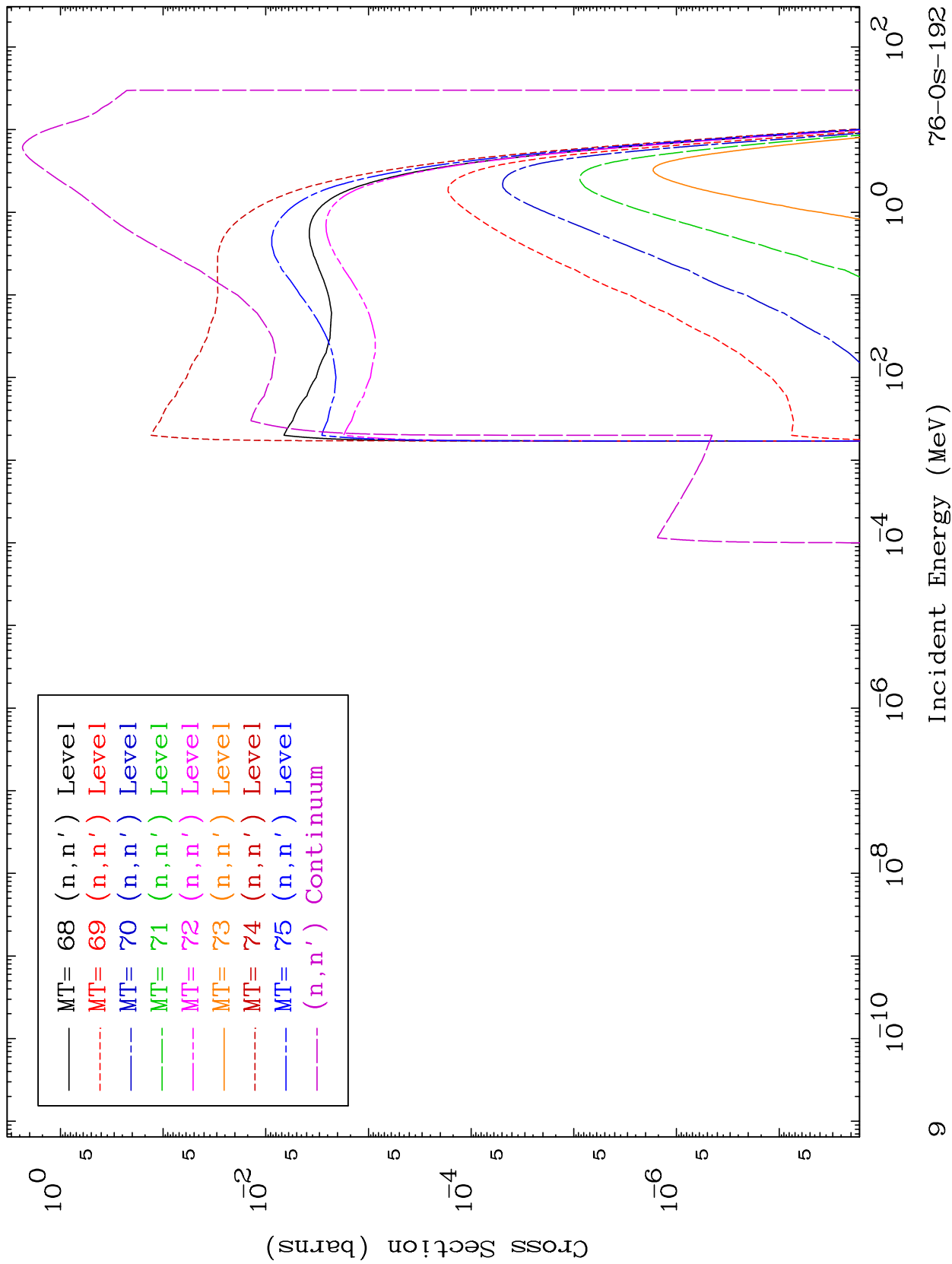


MAT 7650

(n,n') Level

76-Os-192

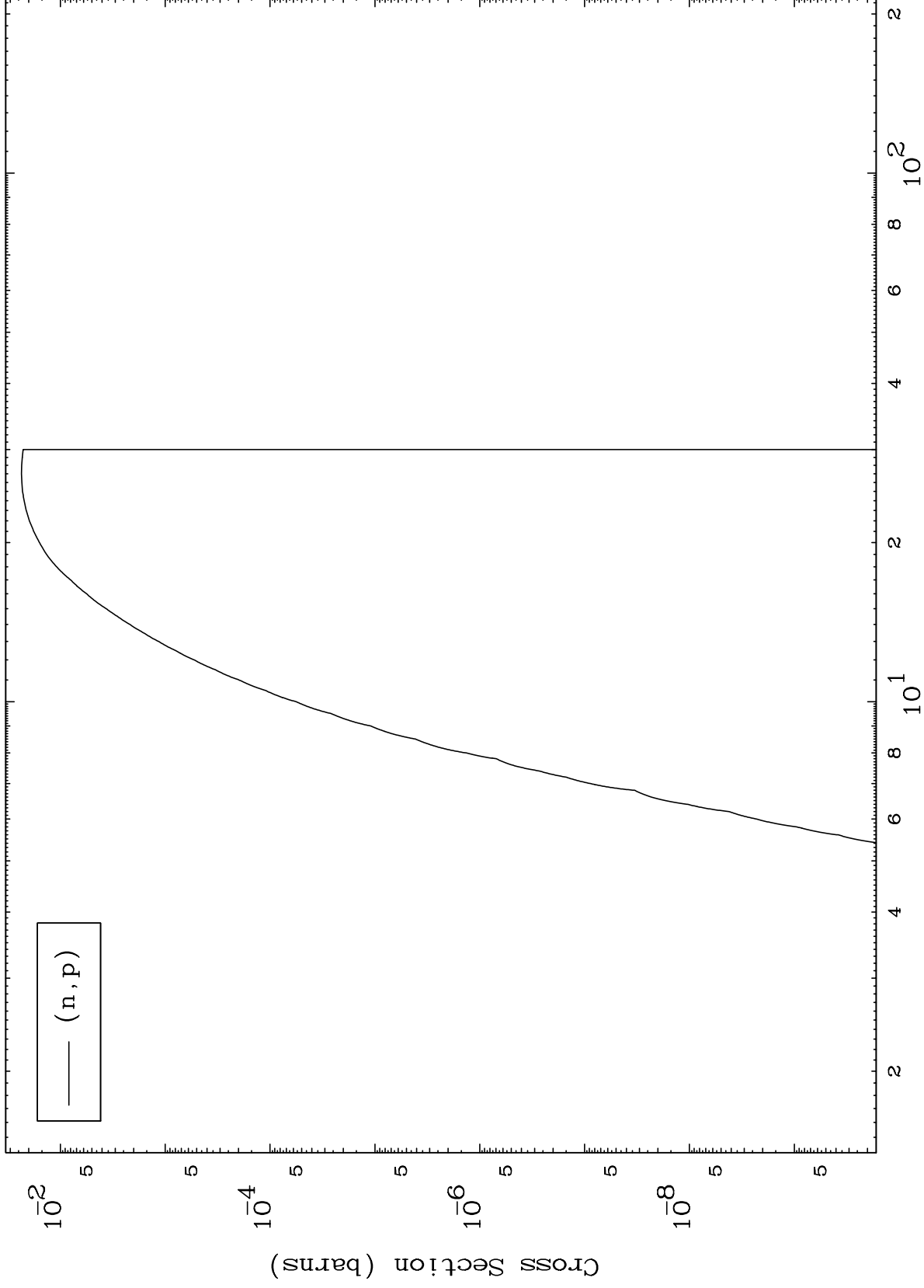
293 Kelvin Cross Sections



MAT 7650

(n,p) Levels
293 Kelvin Cross Sections

76-0s-192



10

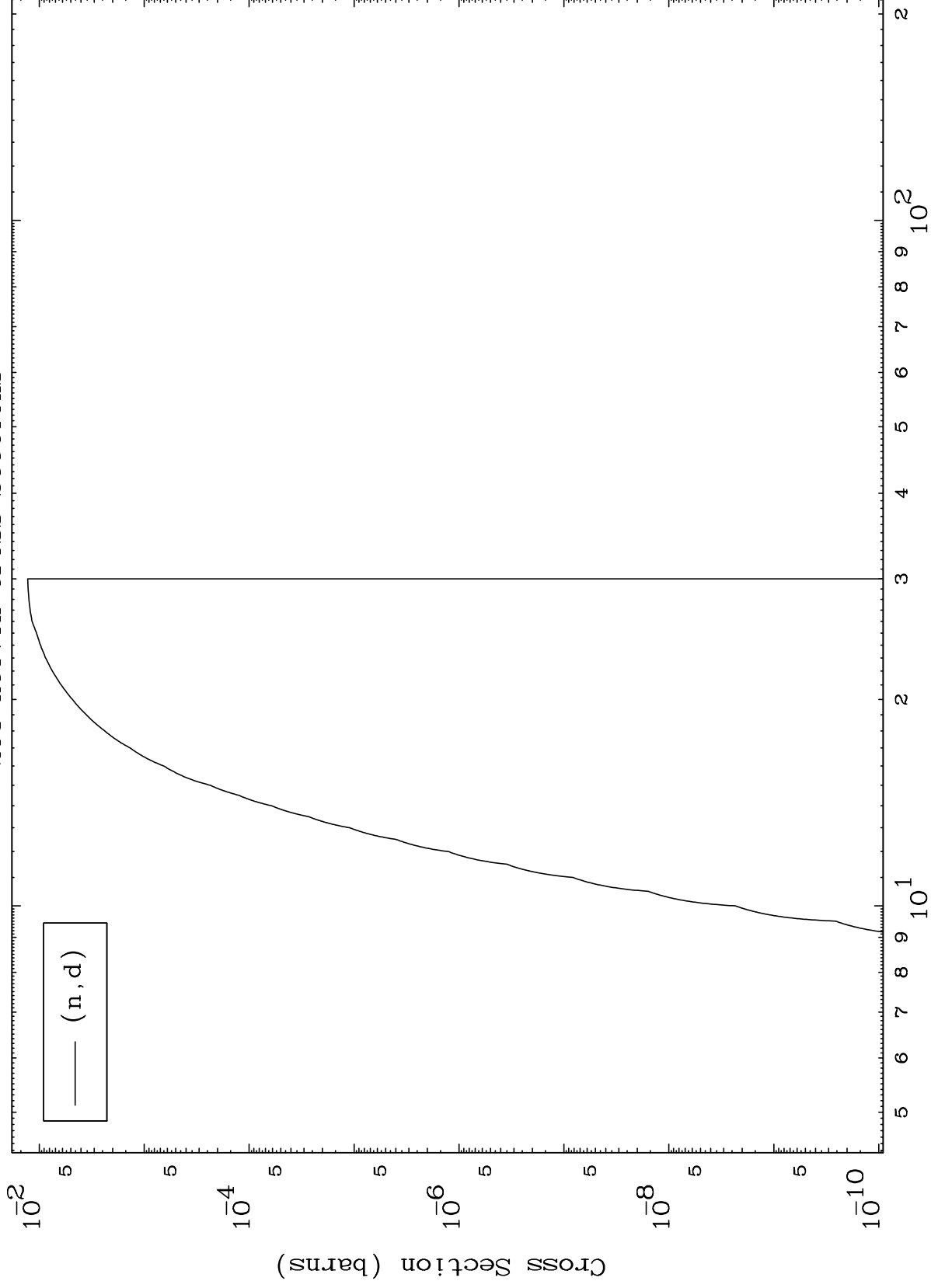
Incident Energy (MeV)

76-0s-192

MAT 7650

(n,d) Levels
293 Kelvin Cross Sections

76-Os-192



11

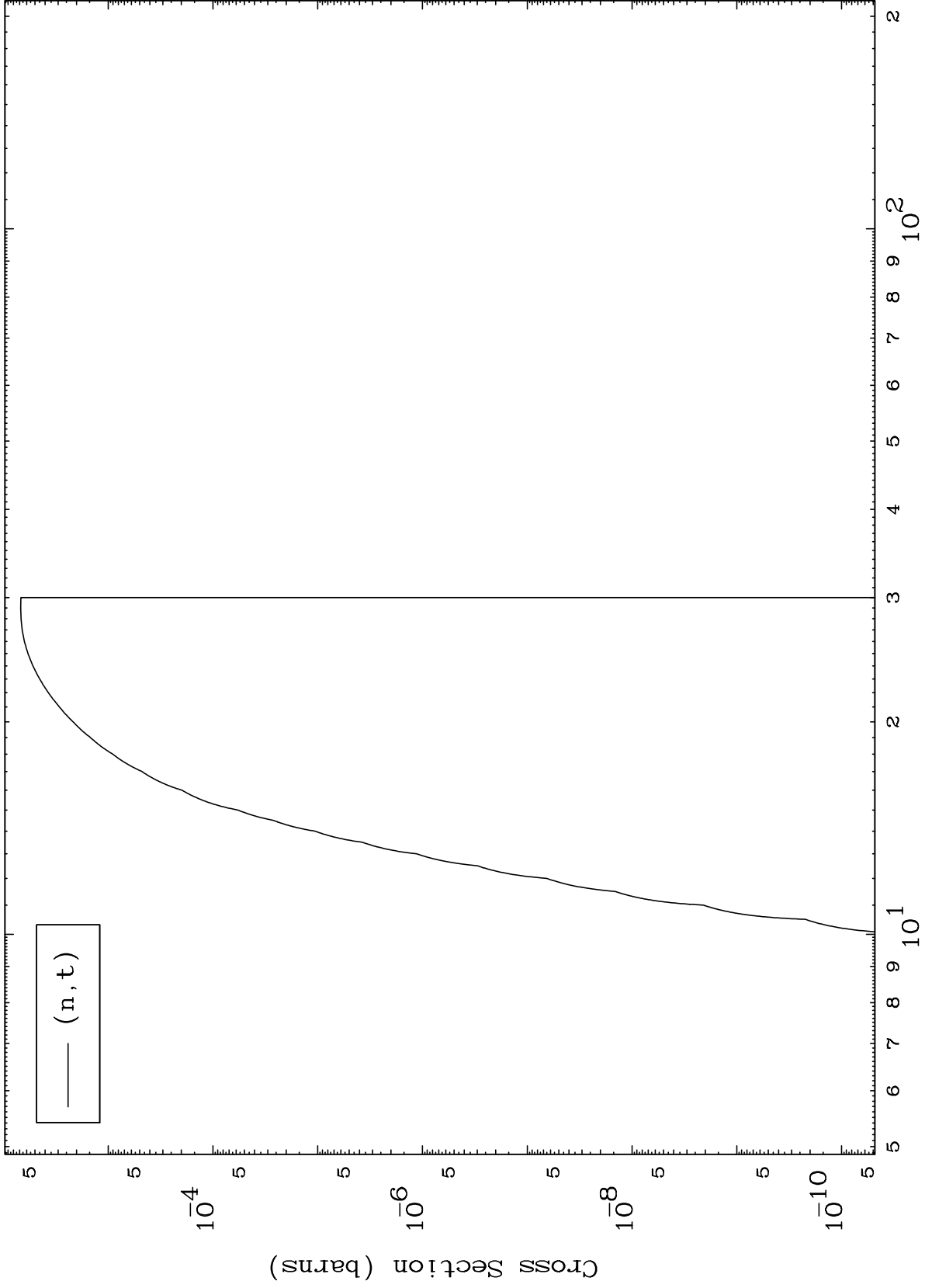
Incident Energy (MeV)

76-Os-192

MAT 7650

(n,t) Levels
293 Kelvin Cross Sections

76-Os-192



12

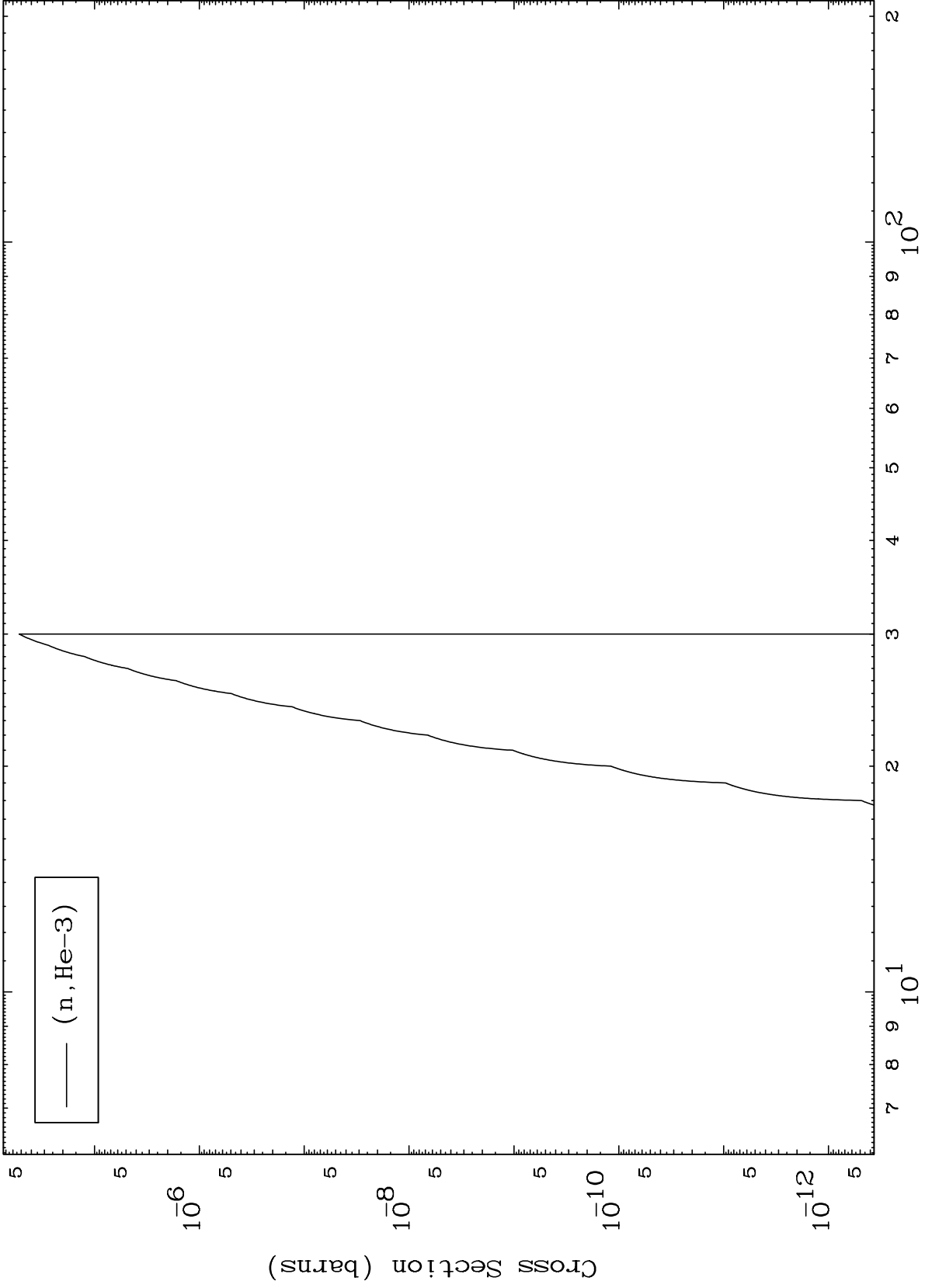
Incident Energy (MeV)

76-Os-192

MAT 7650

(n,He3) Levels
293 Kelvin Cross Sections

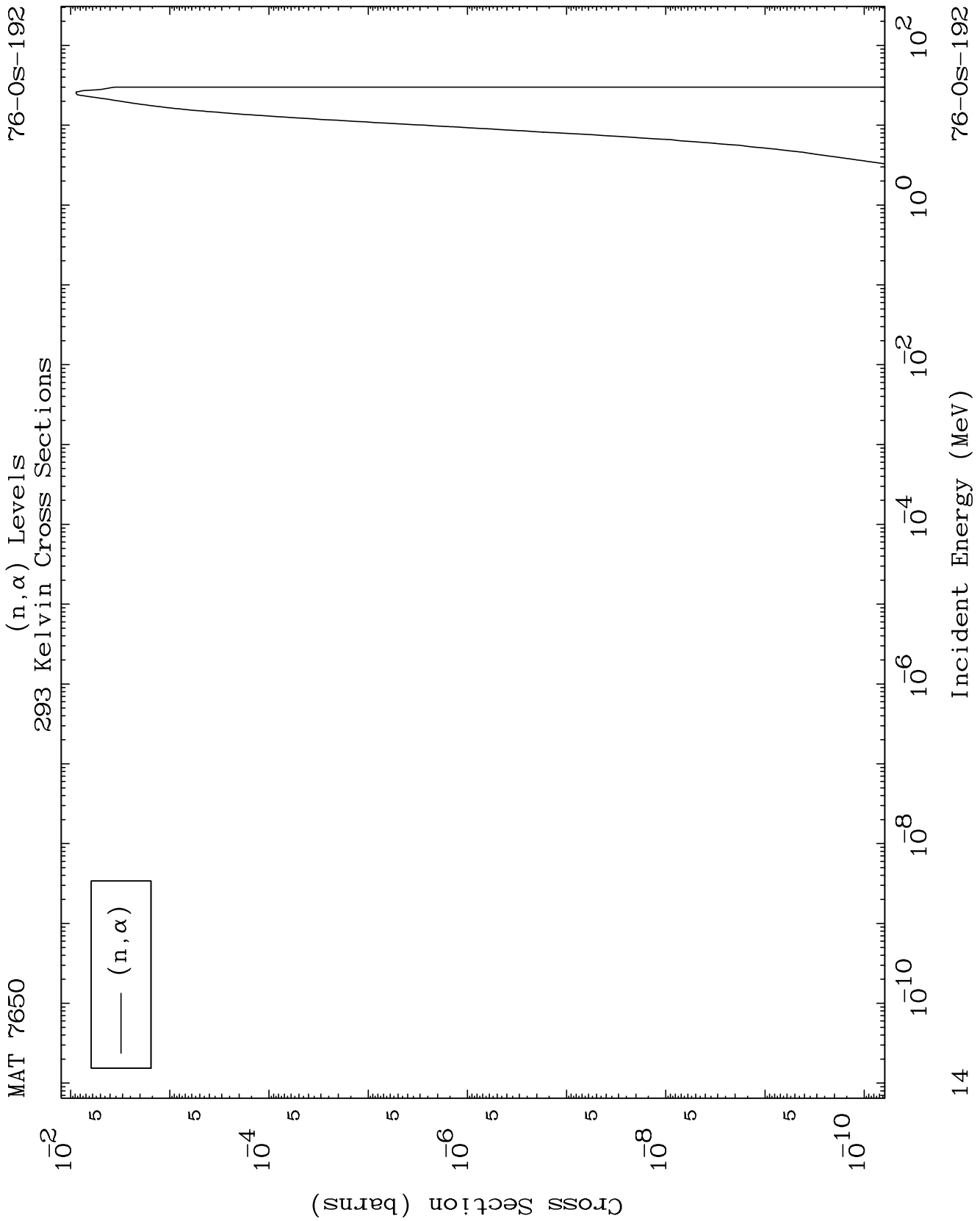
76-Os-192

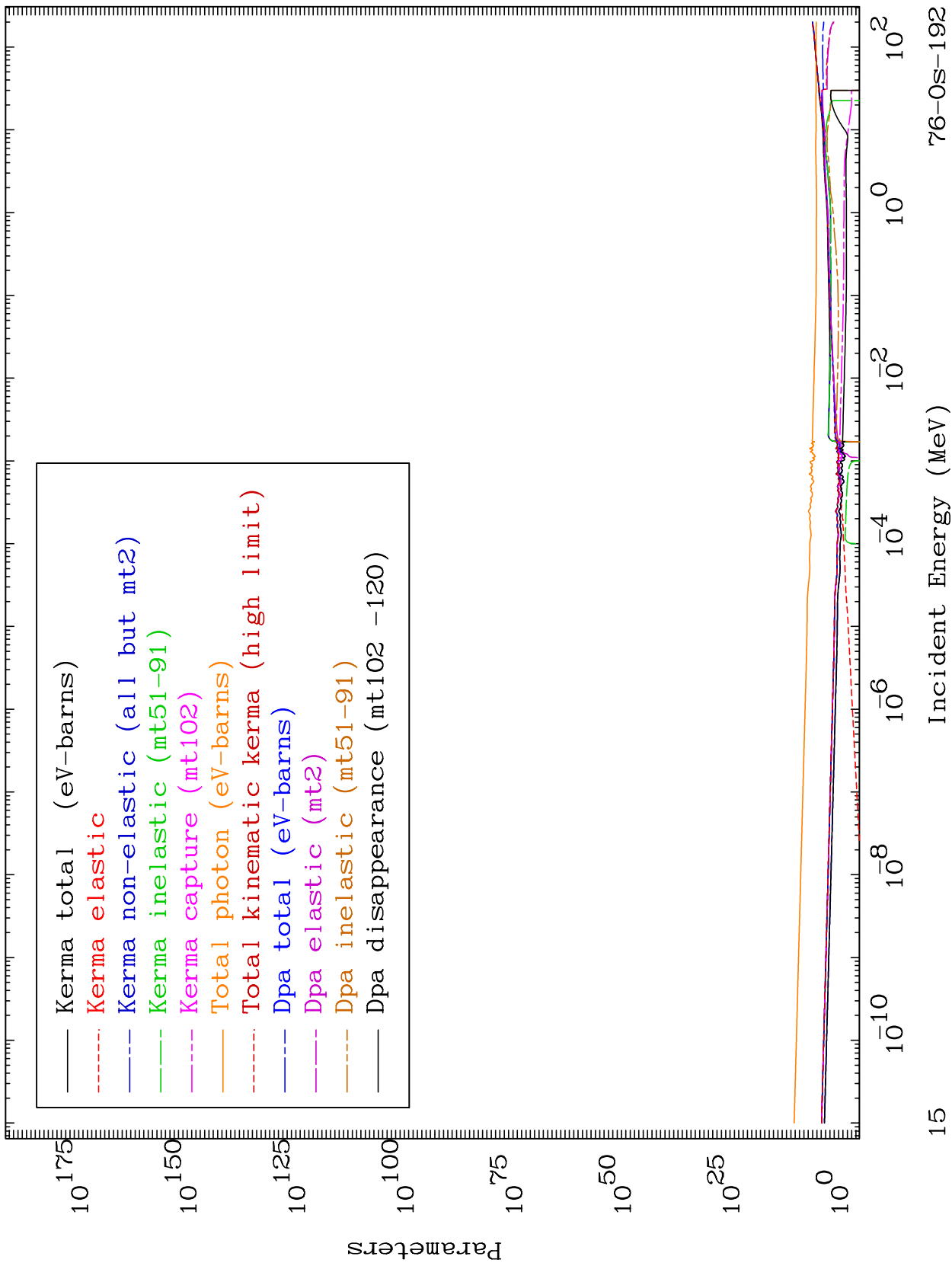


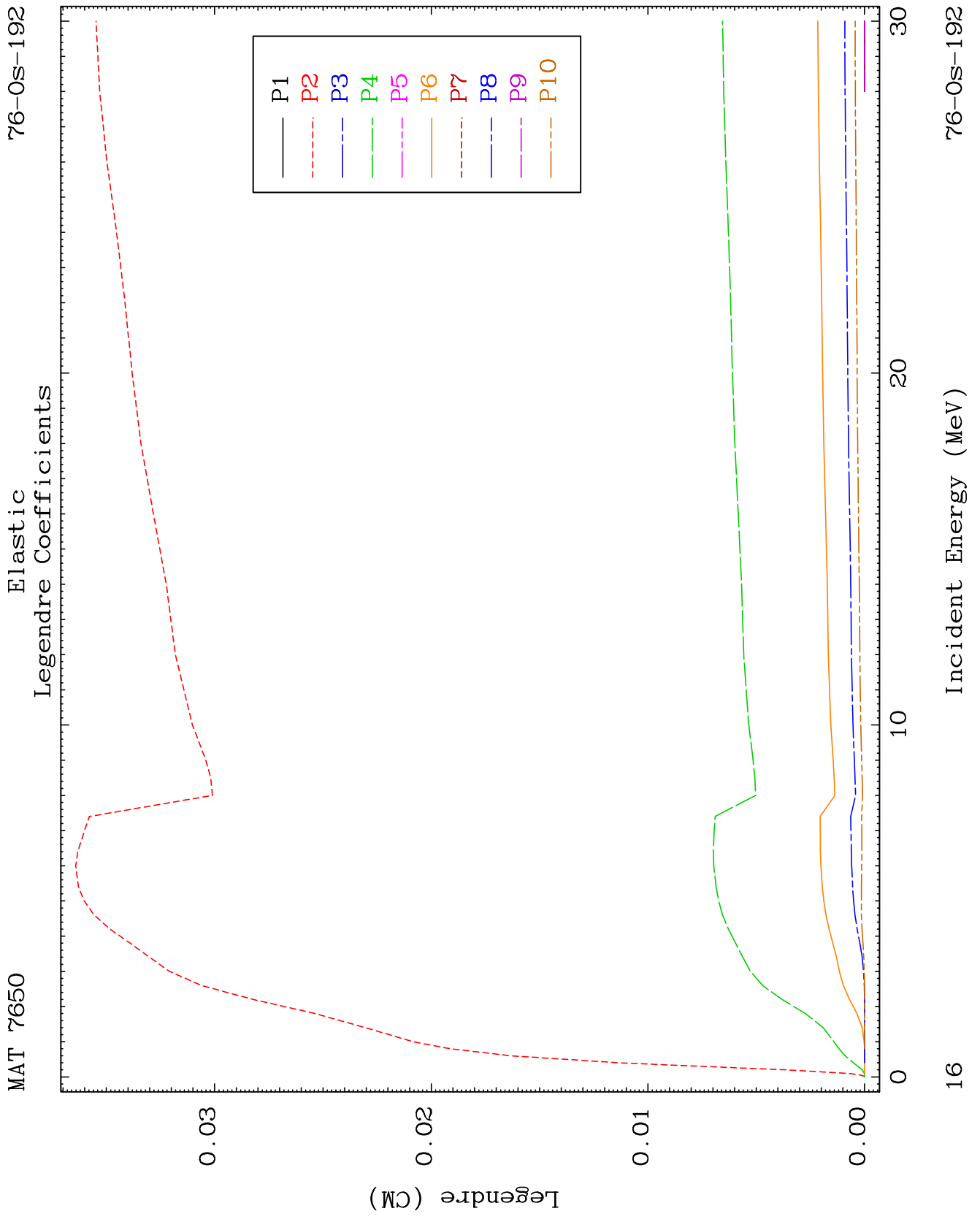
13

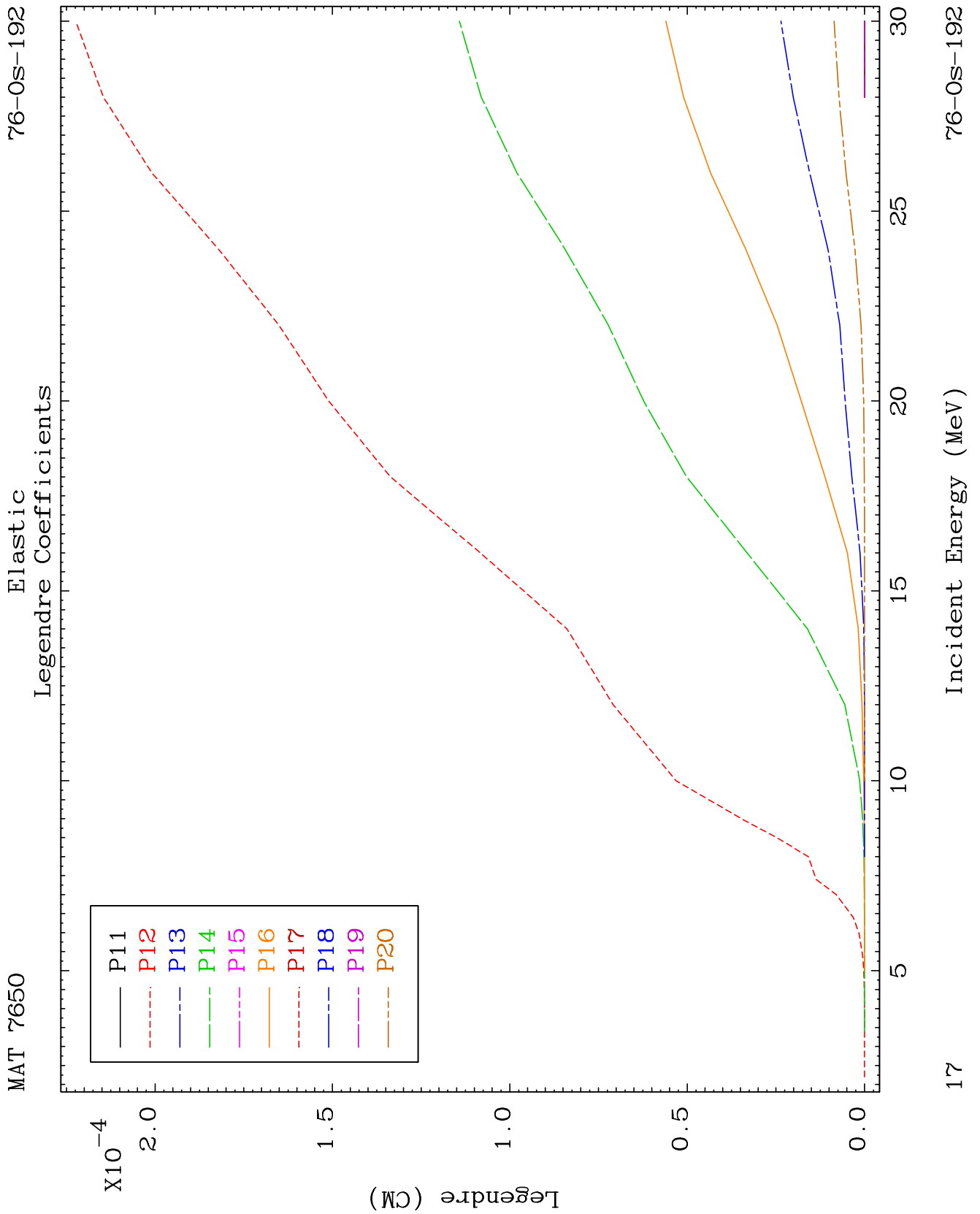
Incident Energy (MeV)

76-Os-192





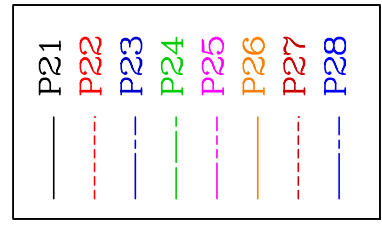




MAT 7650

Elastic
Legendre Coefficients

76-0s-192



$\times 10^{-6}$

1.0

0.8

0.6

0.4

0.2

0.0

Legendre (CM)

15

20

25

30

18

Incident Energy (MeV)

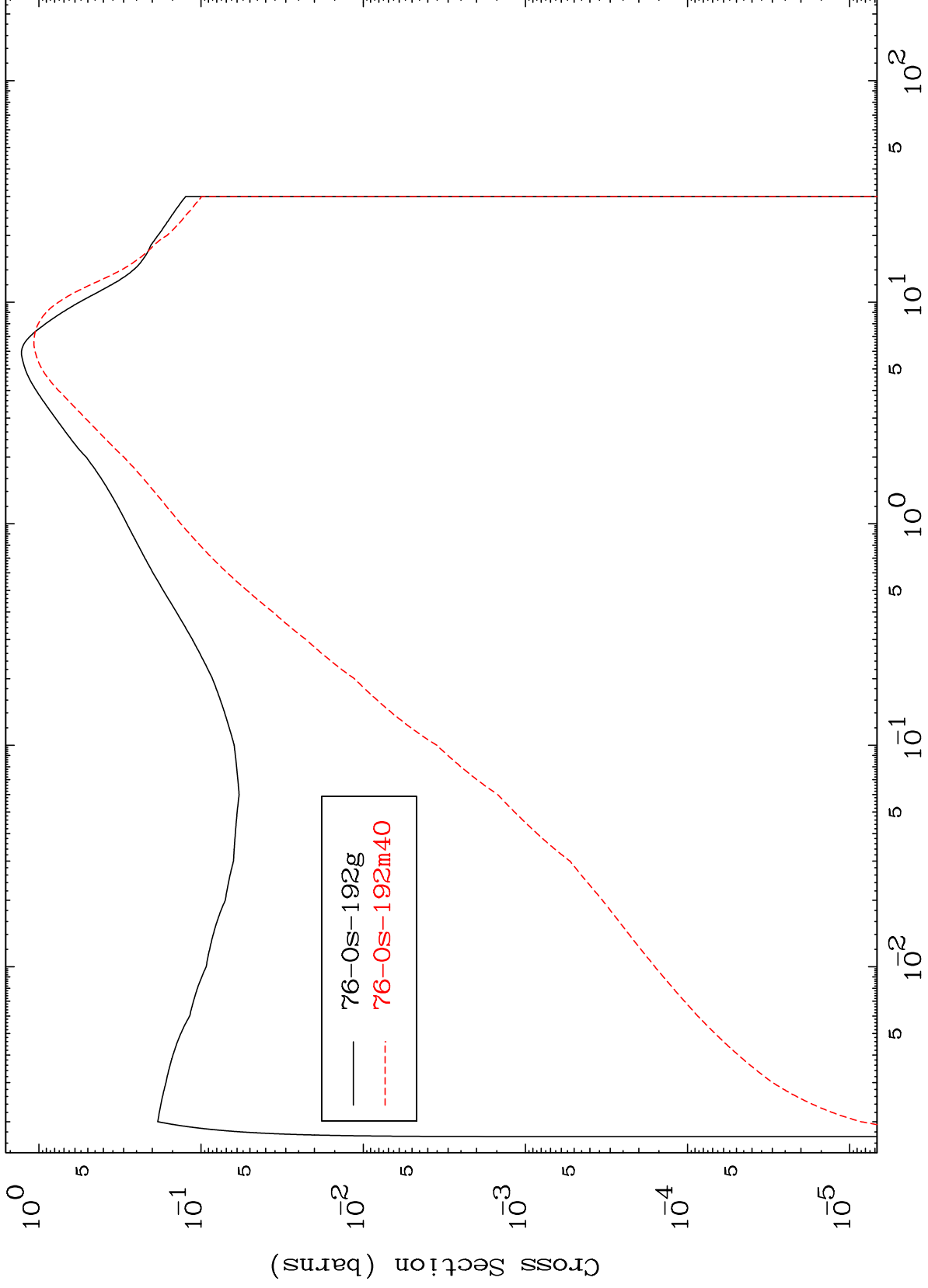
76-0s-192



MAT 7650

Inelastic
Radionuclide Production Cross Section

76-0s-192



19

Incident Energy (MeV)

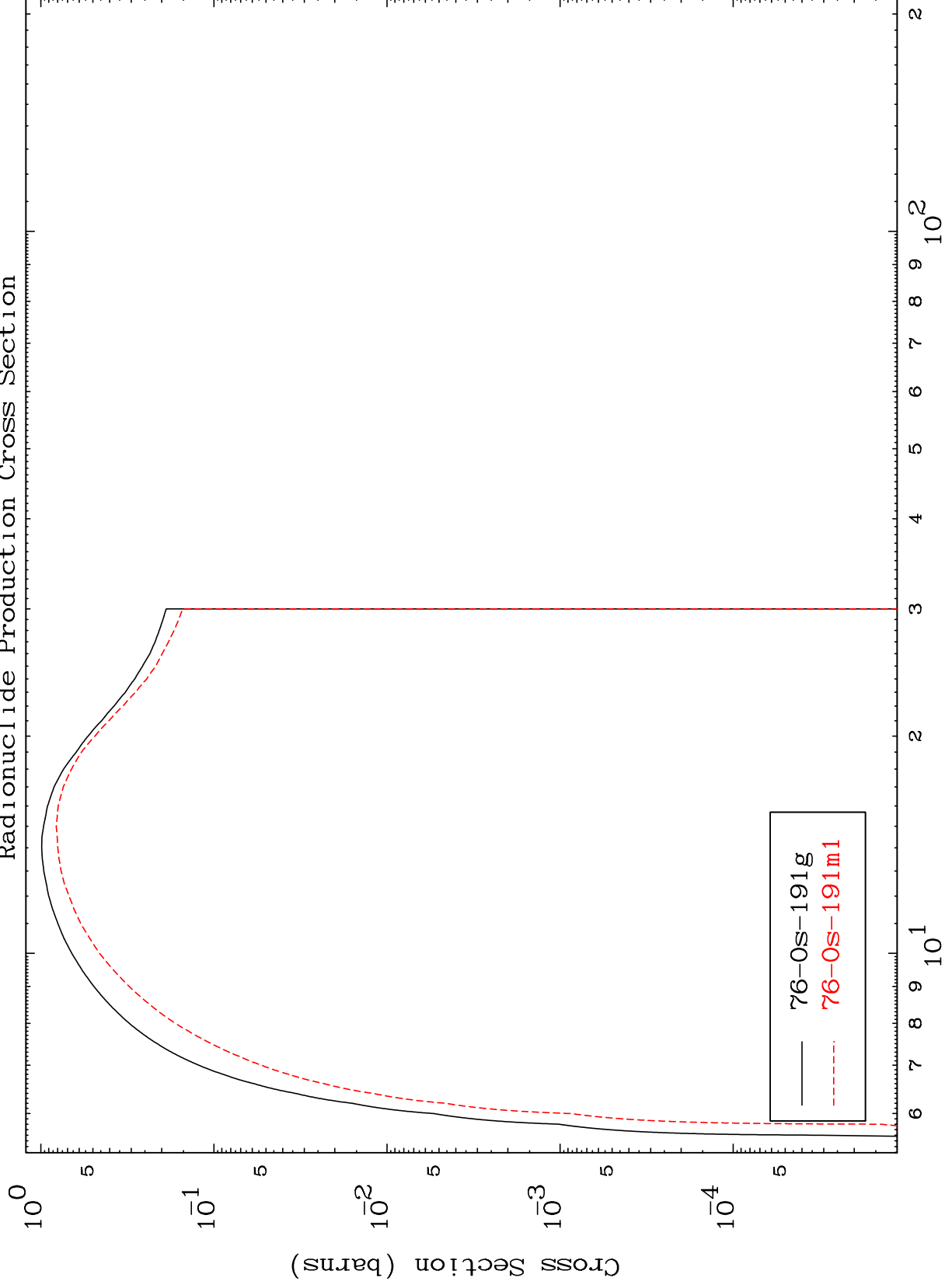
76-0s-192

MAT 7650

(n,2n)

76-Os-192

Radionuclide Production Cross Section

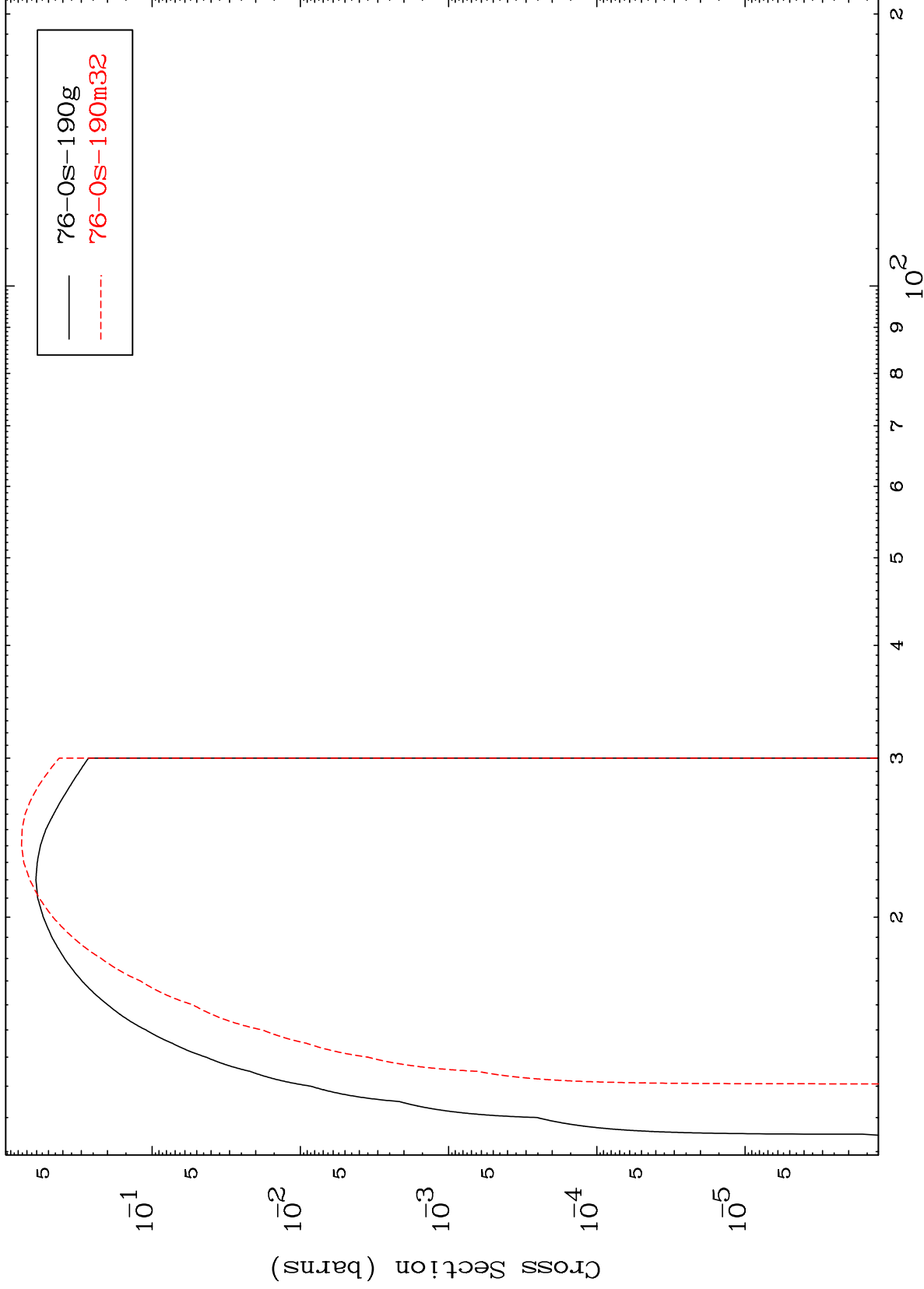


20

Incident Energy (MeV)

76-Os-192

Radionuclide Production Cross Section

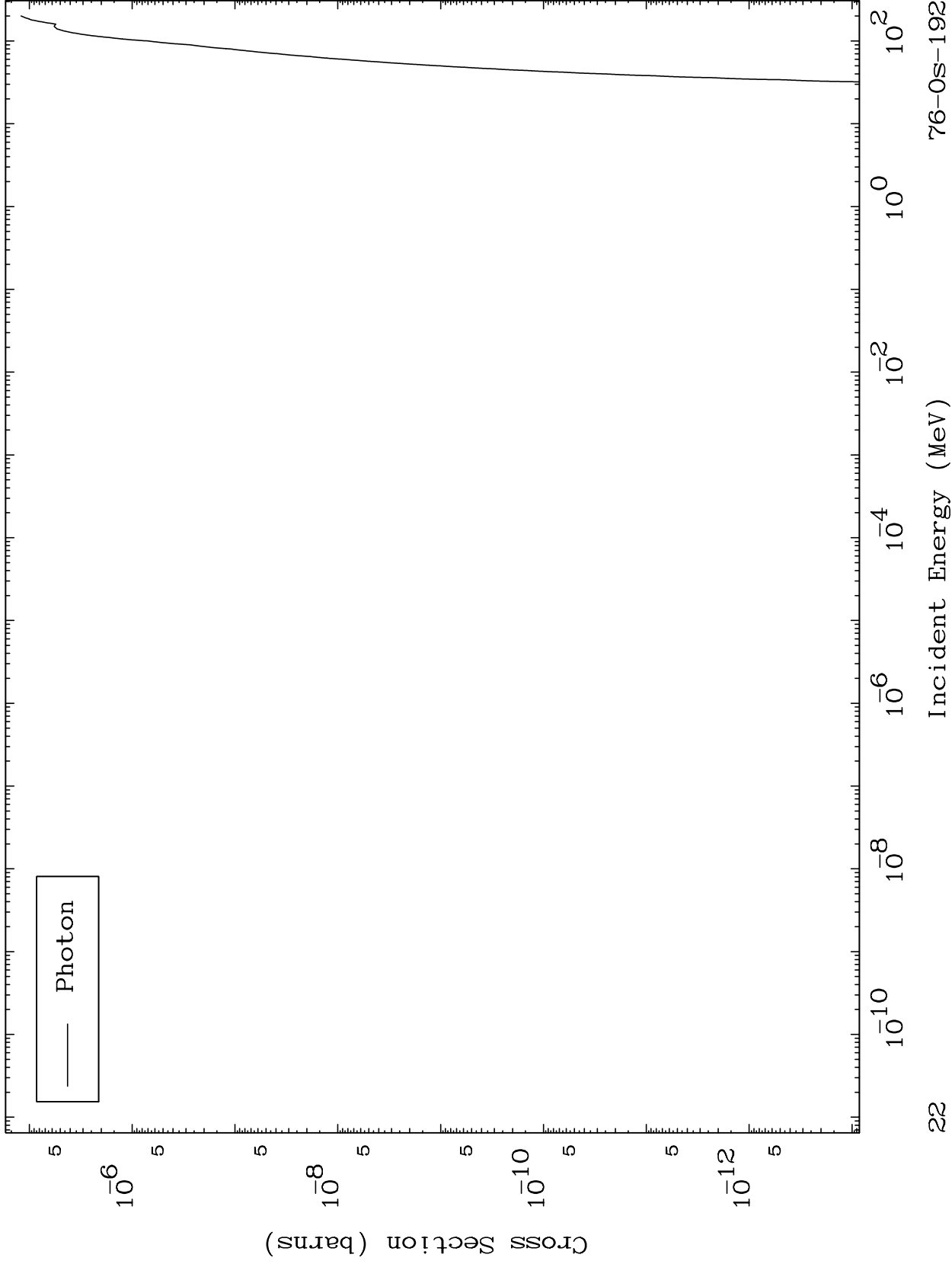


MAT 7650

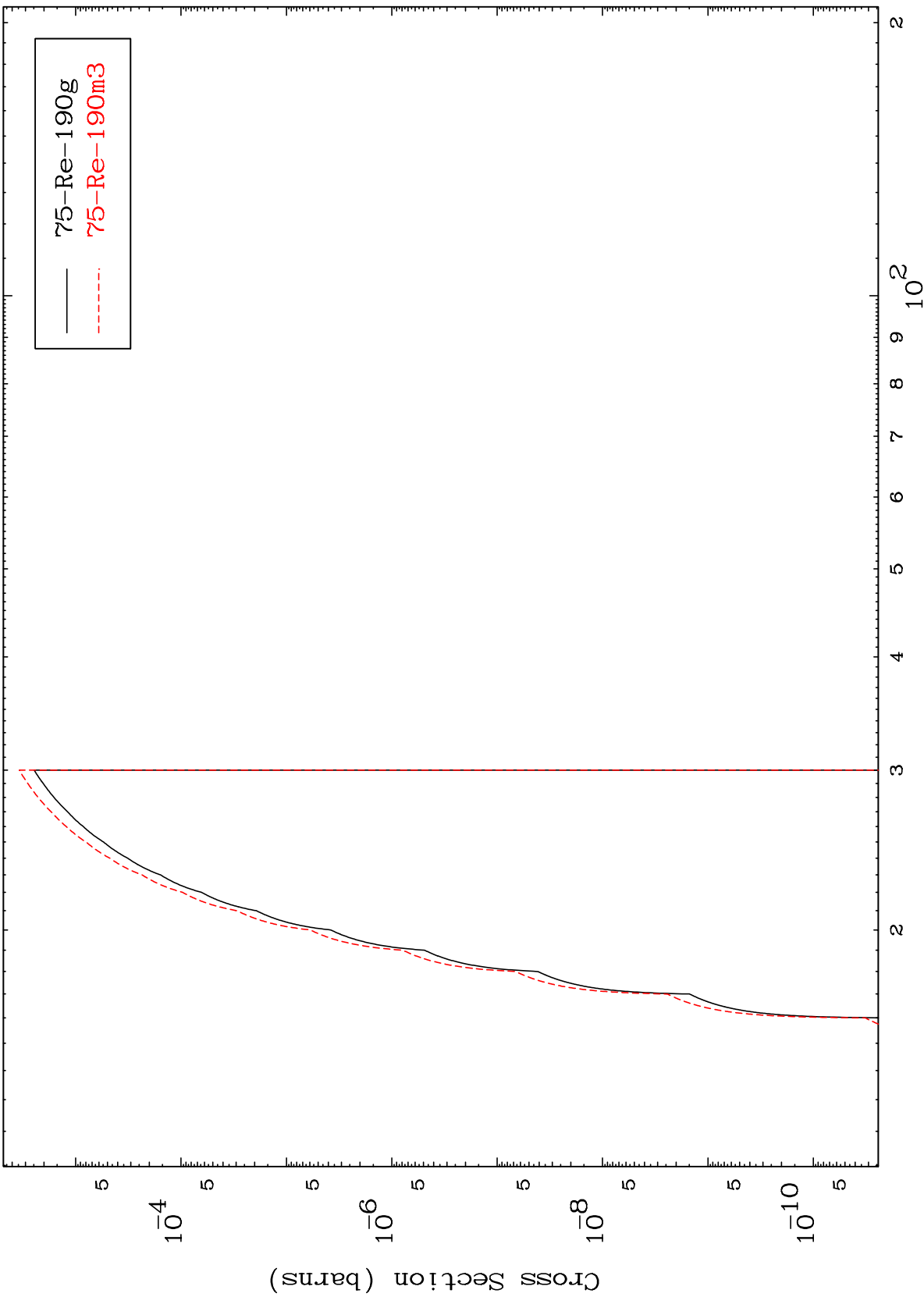
Fission

76-Os-192

Radionuclide Production Cross Section



Radionuclide Production Cross Section

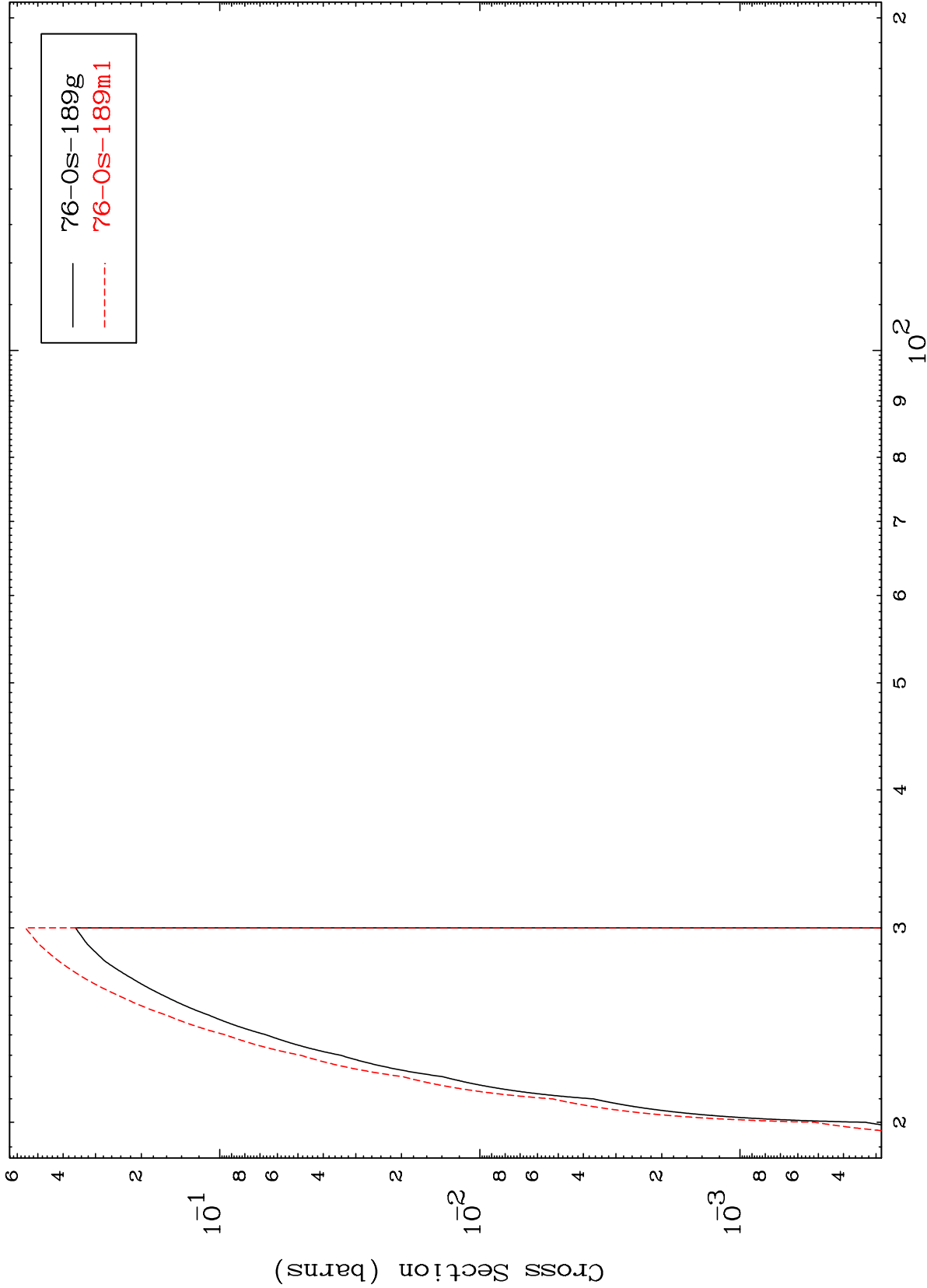


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(n,4n)

76-Os-192

Radionuclide Production Cross Section



24

Incident Energy (MeV)

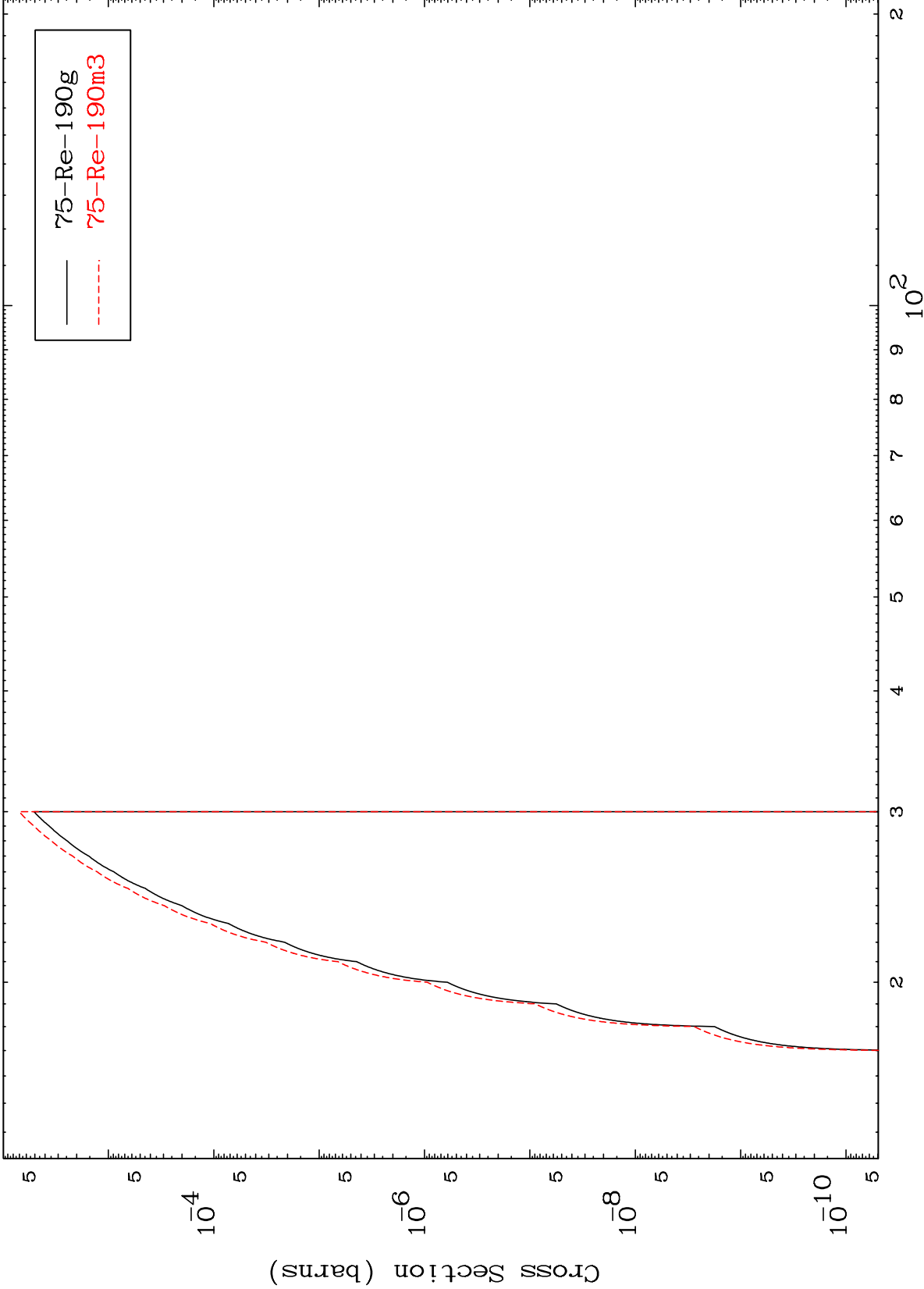
76-Os-192

MAT 7650

(n,2n) p

76-Os-192

Radionuclide Production Cross Section



25

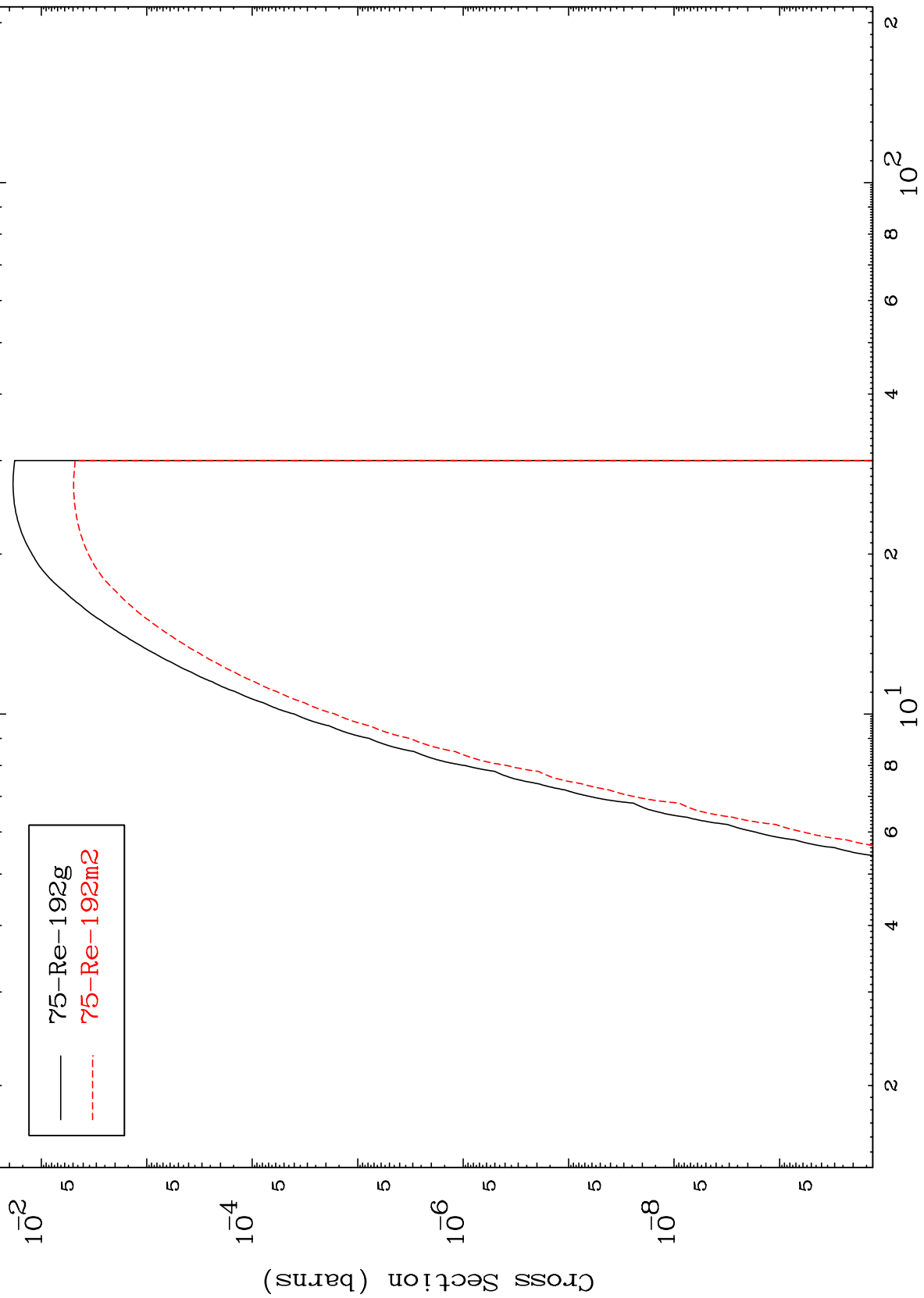
Incident Energy (MeV)

76-Os-192

MAT 7650

76-0s-192

(n,p)
Radionuclide Production Cross Section



75-Re-192g
75-Re-192m2

26

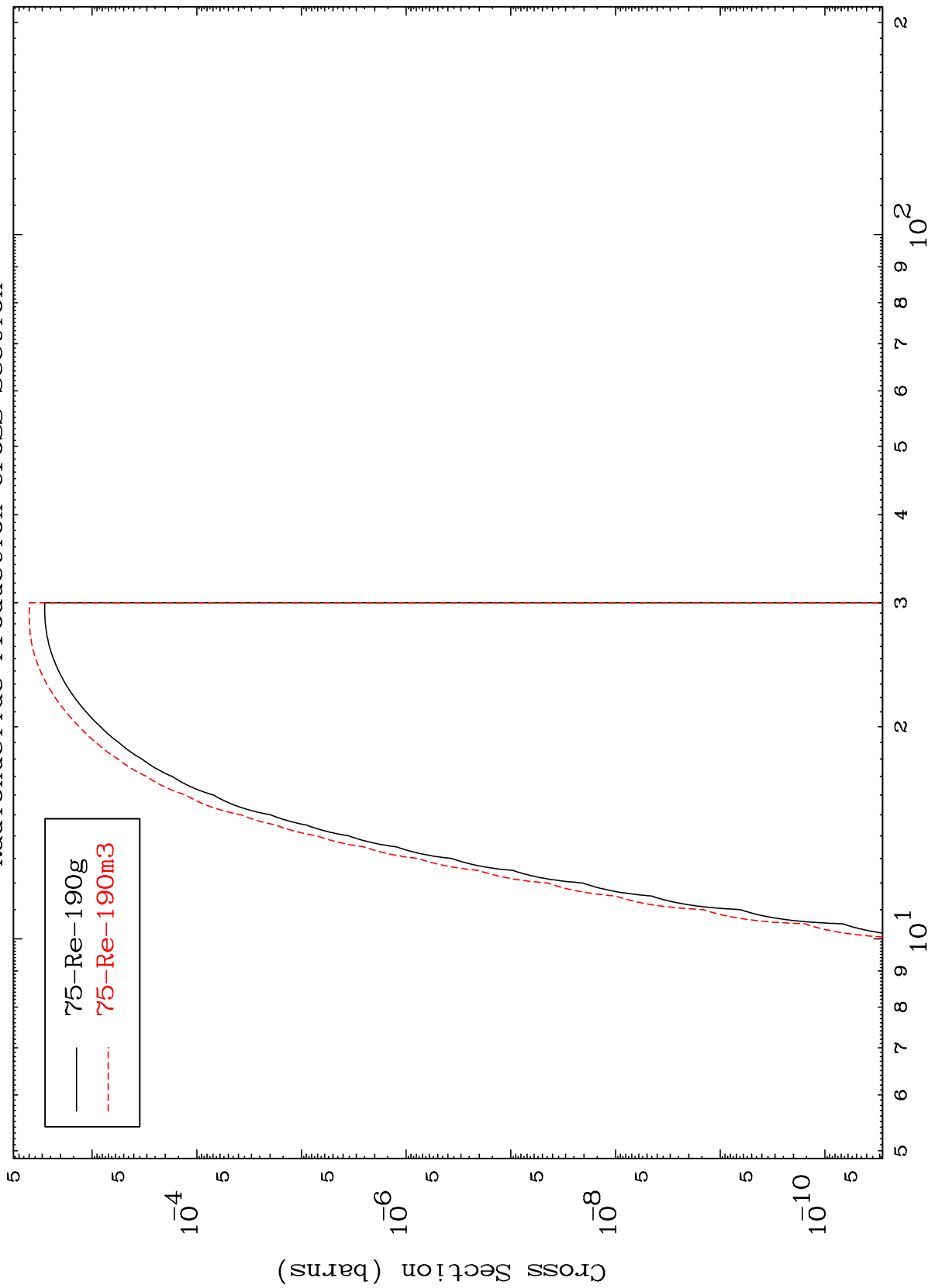
76-0s-192

Incident Energy (MeV)

MAT 7650

76-0s-192

Radionuclide Production Cross Section (n,t)



27

Incident Energy (MeV)

76-0s-192