

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

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

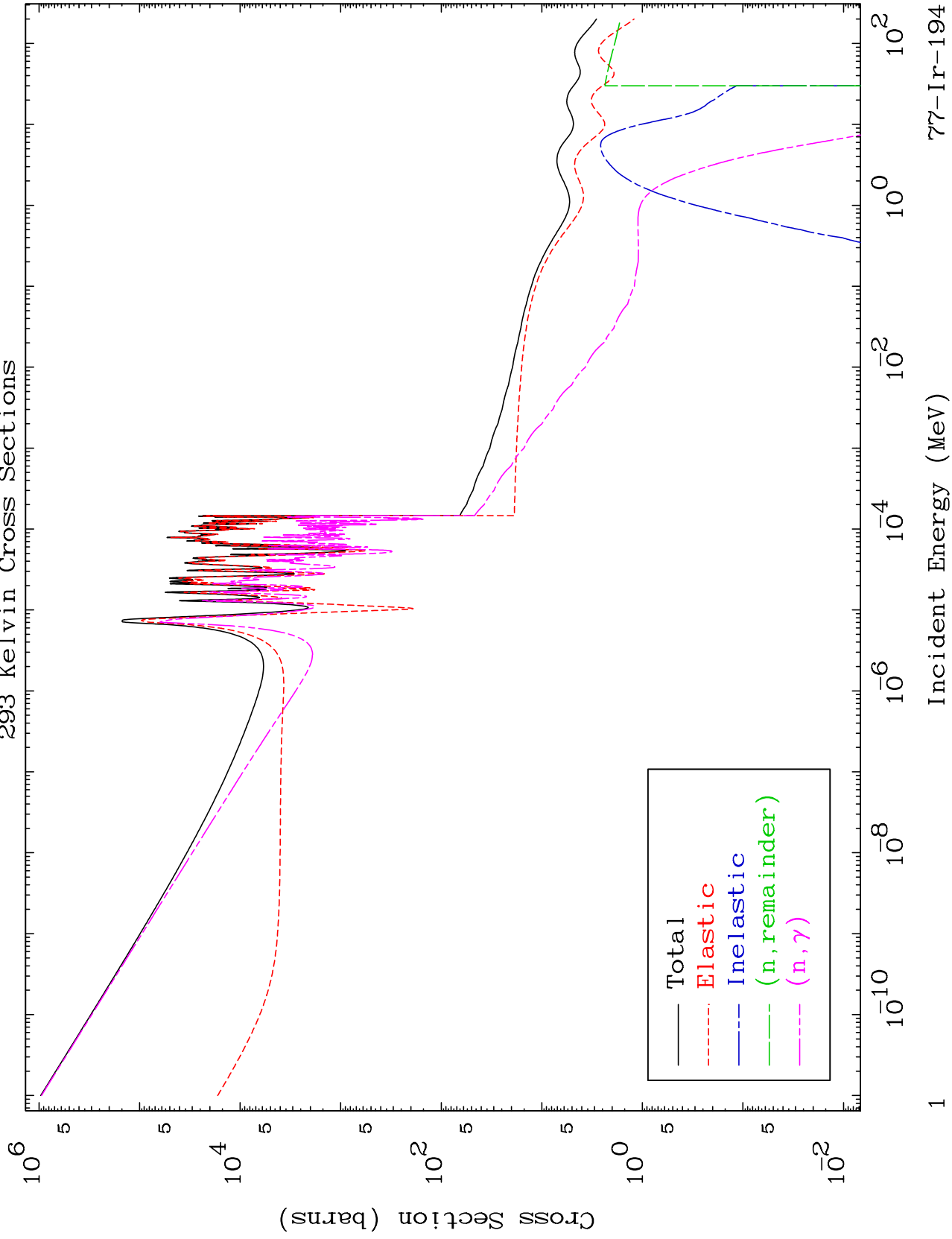
Press Mouse Button to Start

MAT 7735

Major

293 Kelvin Cross Sections

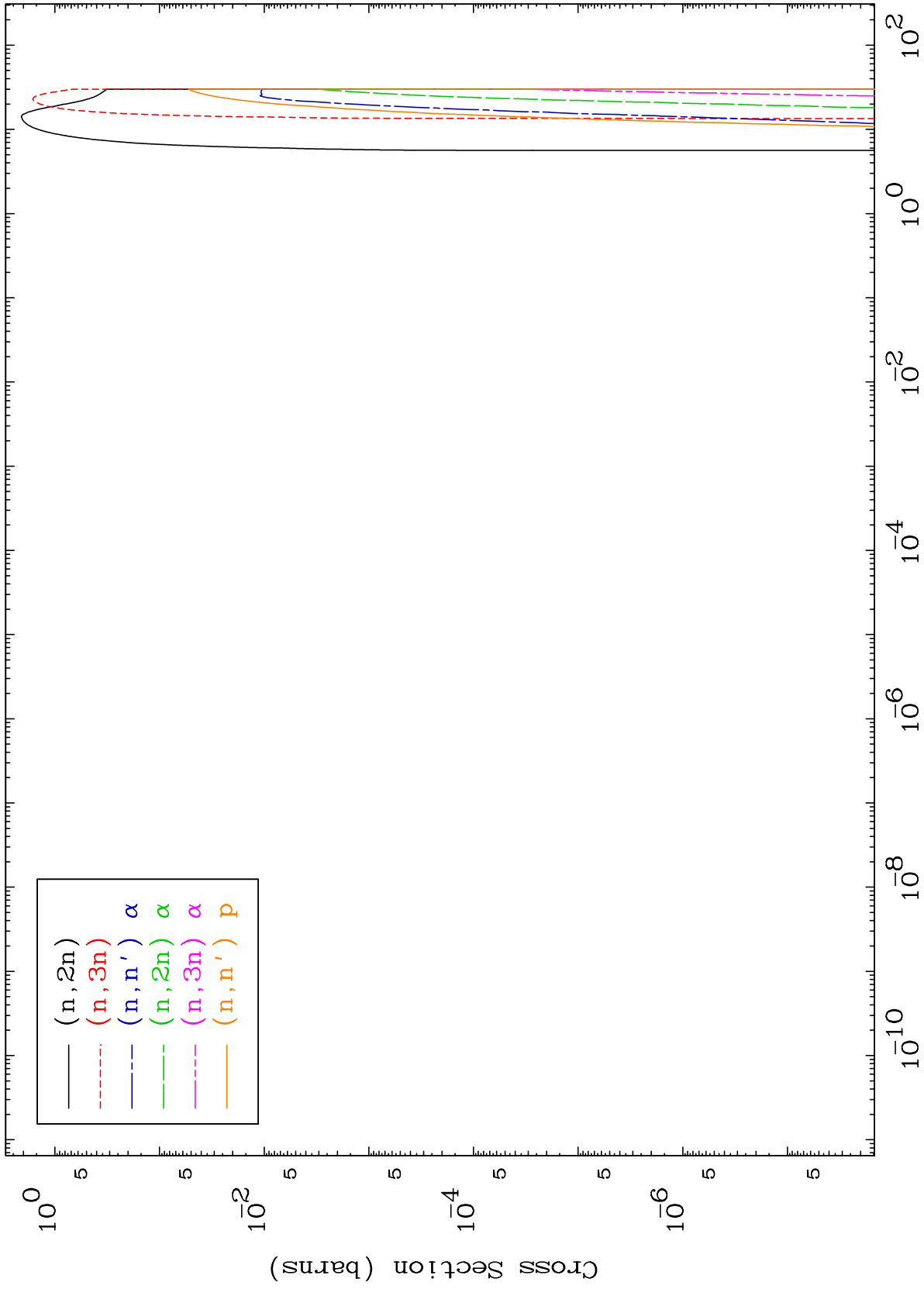
77-Ir-194



MAT 7735

Neutron Production  
293 Kelvin Cross Sections

77-Ir-194



2

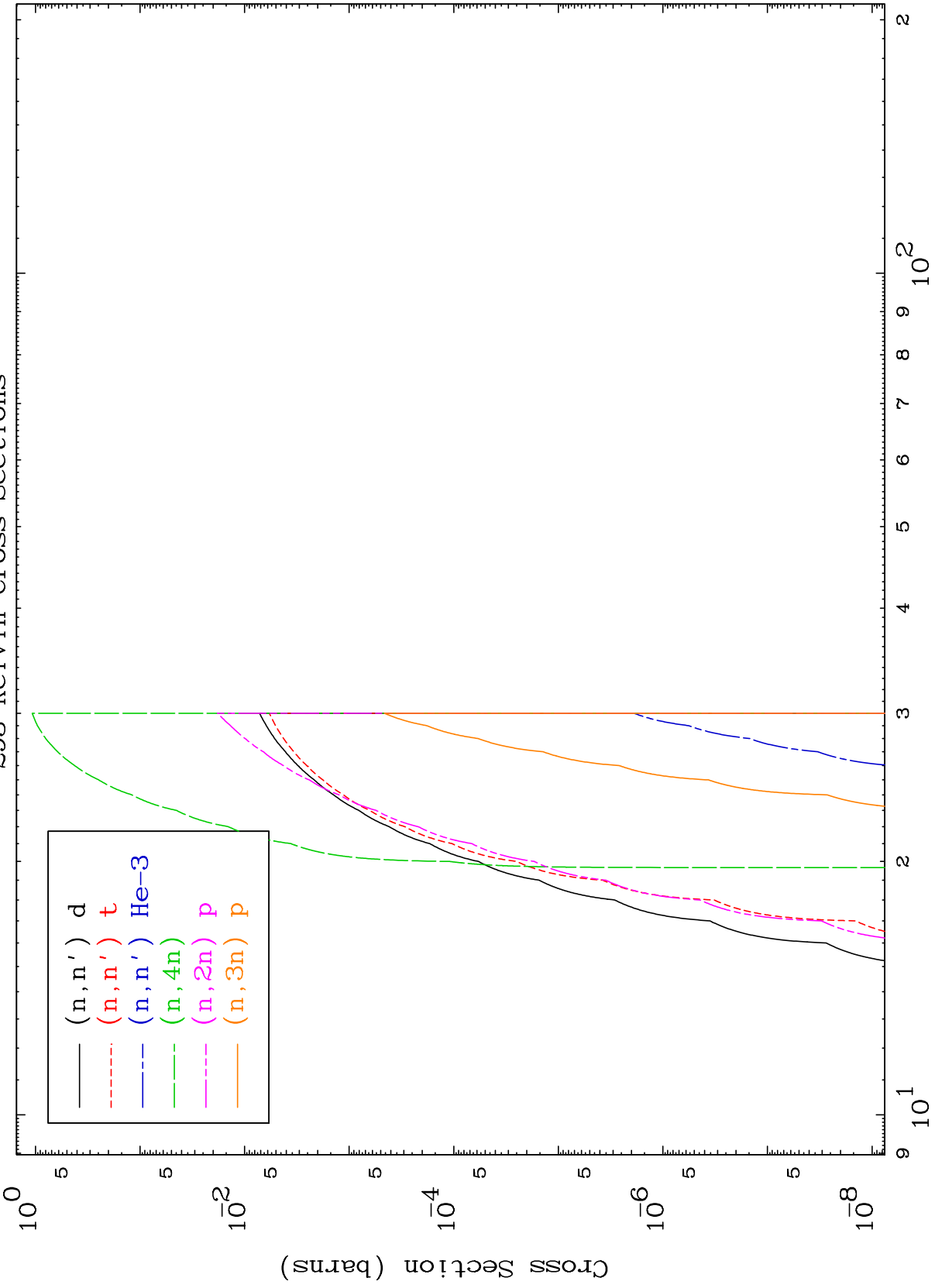
Incident Energy (MeV)

77-Ir-194

MAT 7735

Neutron Production  
293 Kelvin Cross Sections

77-Ir-194



77-Ir-194

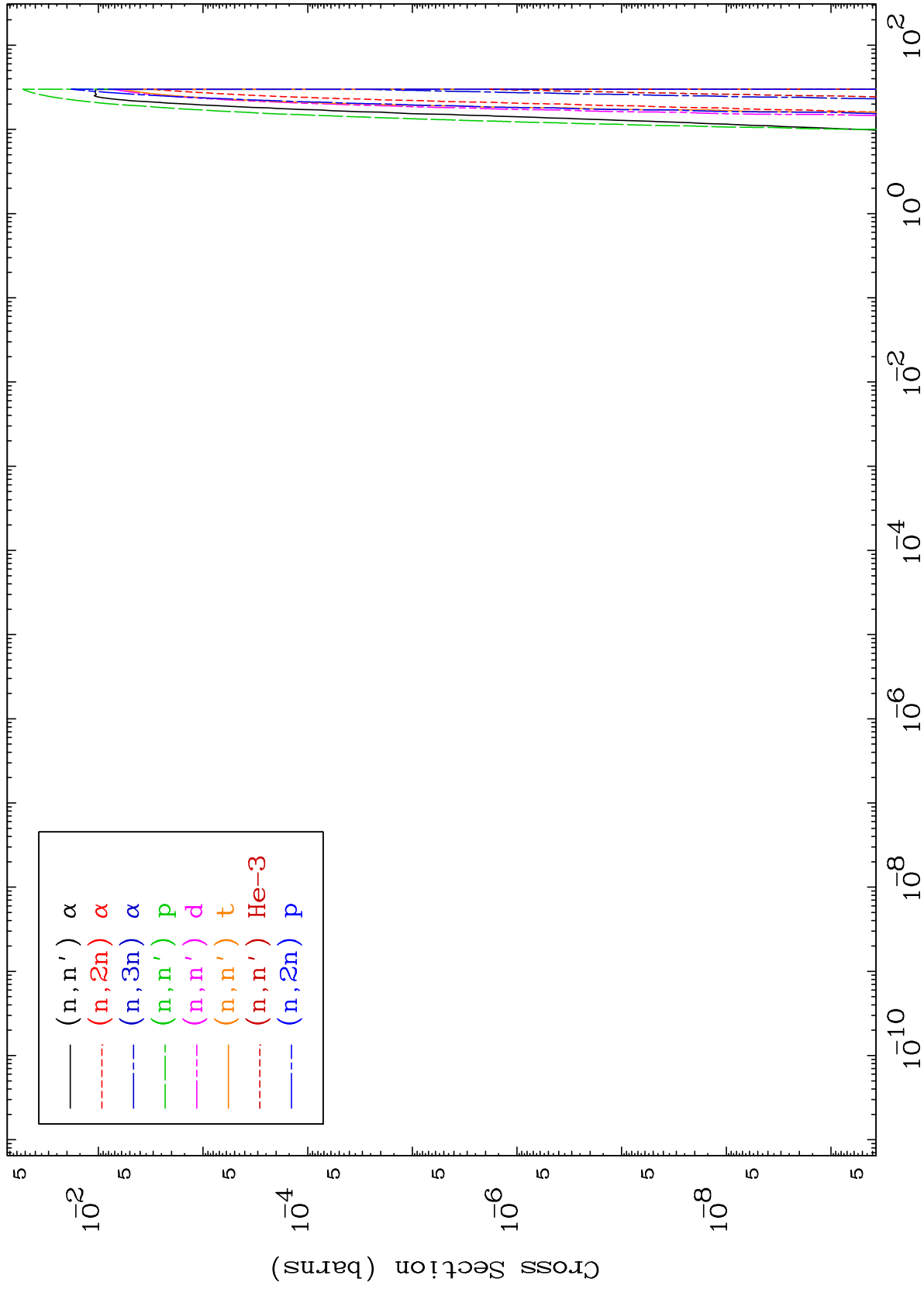
Incident Energy (MeV)

3

MAT 7735

293 Charged Particle  
Kelvin Cross Sections

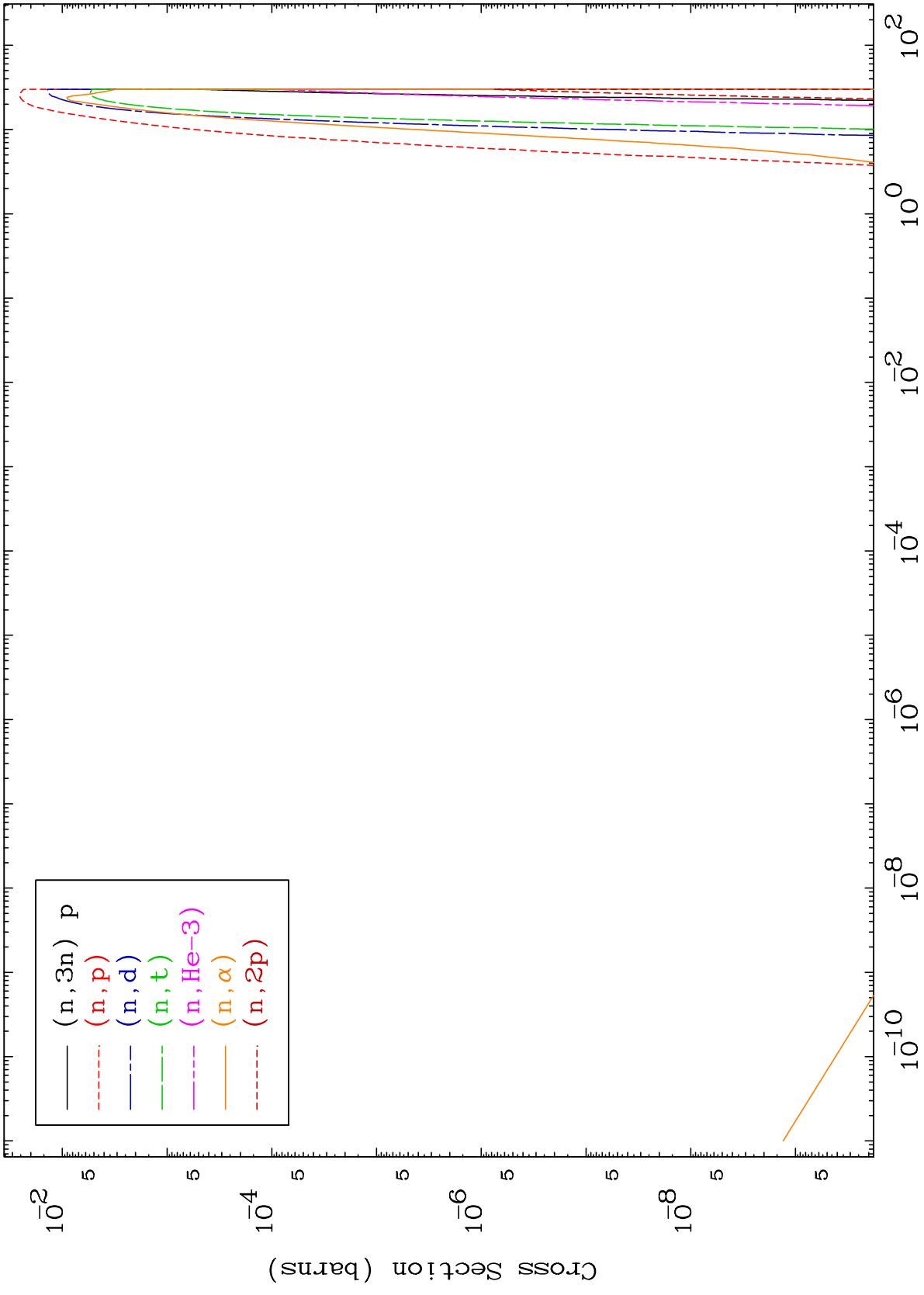
77-Ir-194



MAT 7735

Charged Particle  
293 Kelvin Cross Sections

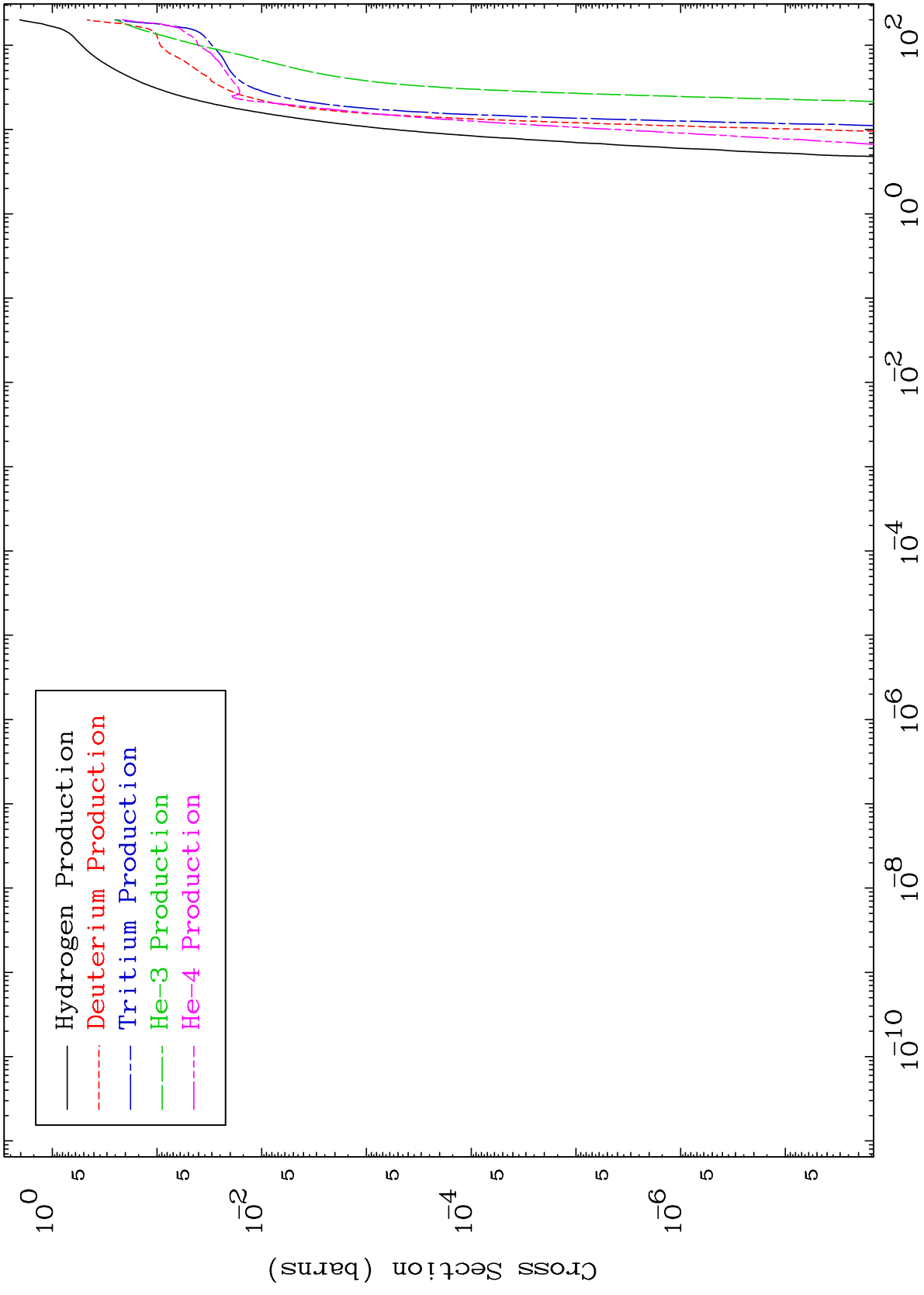
77-Ir-194



MAT 7735

Particle Production  
293 Kelvin Cross Sections

77-Ir-194

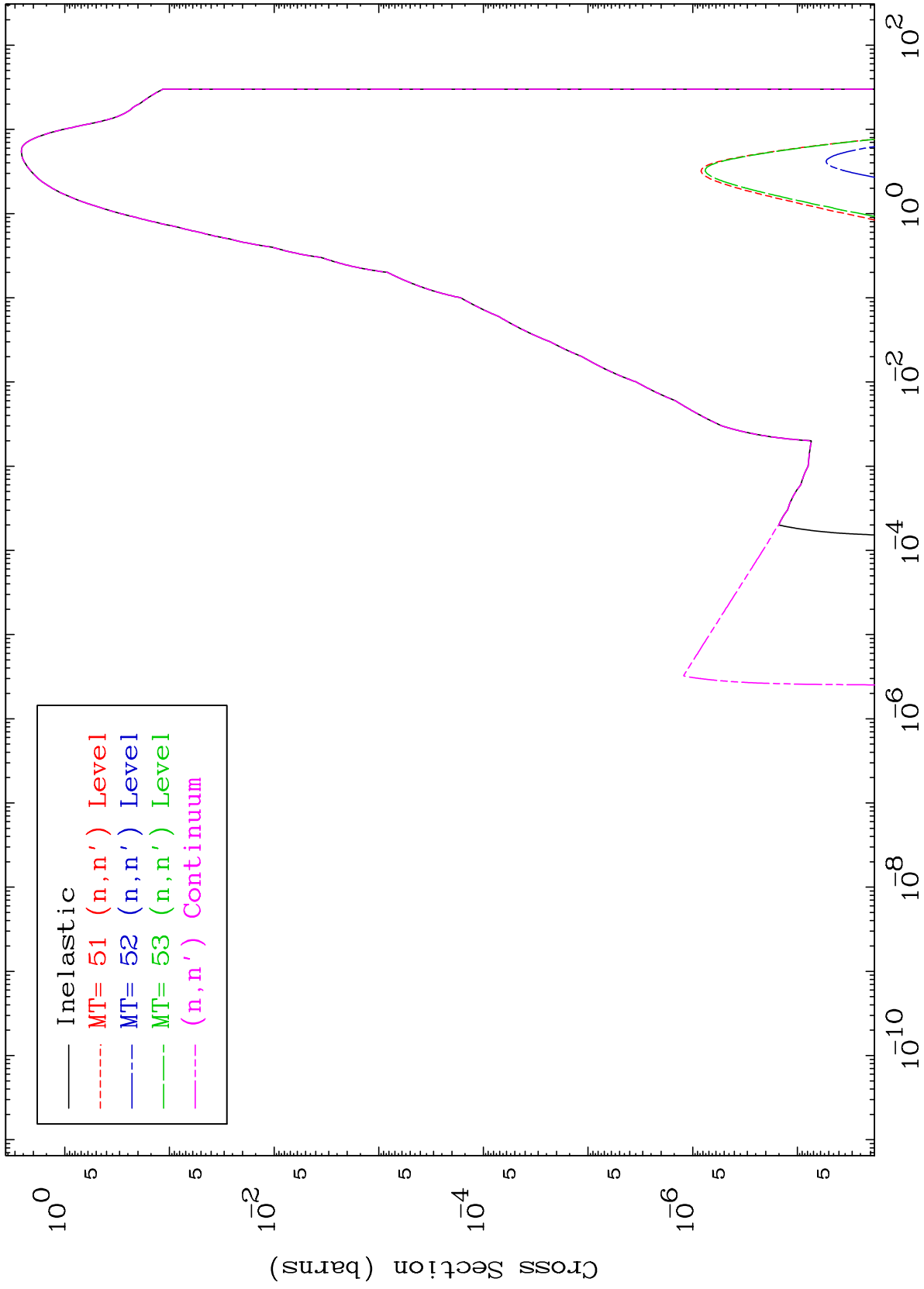


77-Ir-194

MAT 7735

(n,n') Level  
293 Kelvin Cross Sections

77-Ir-194



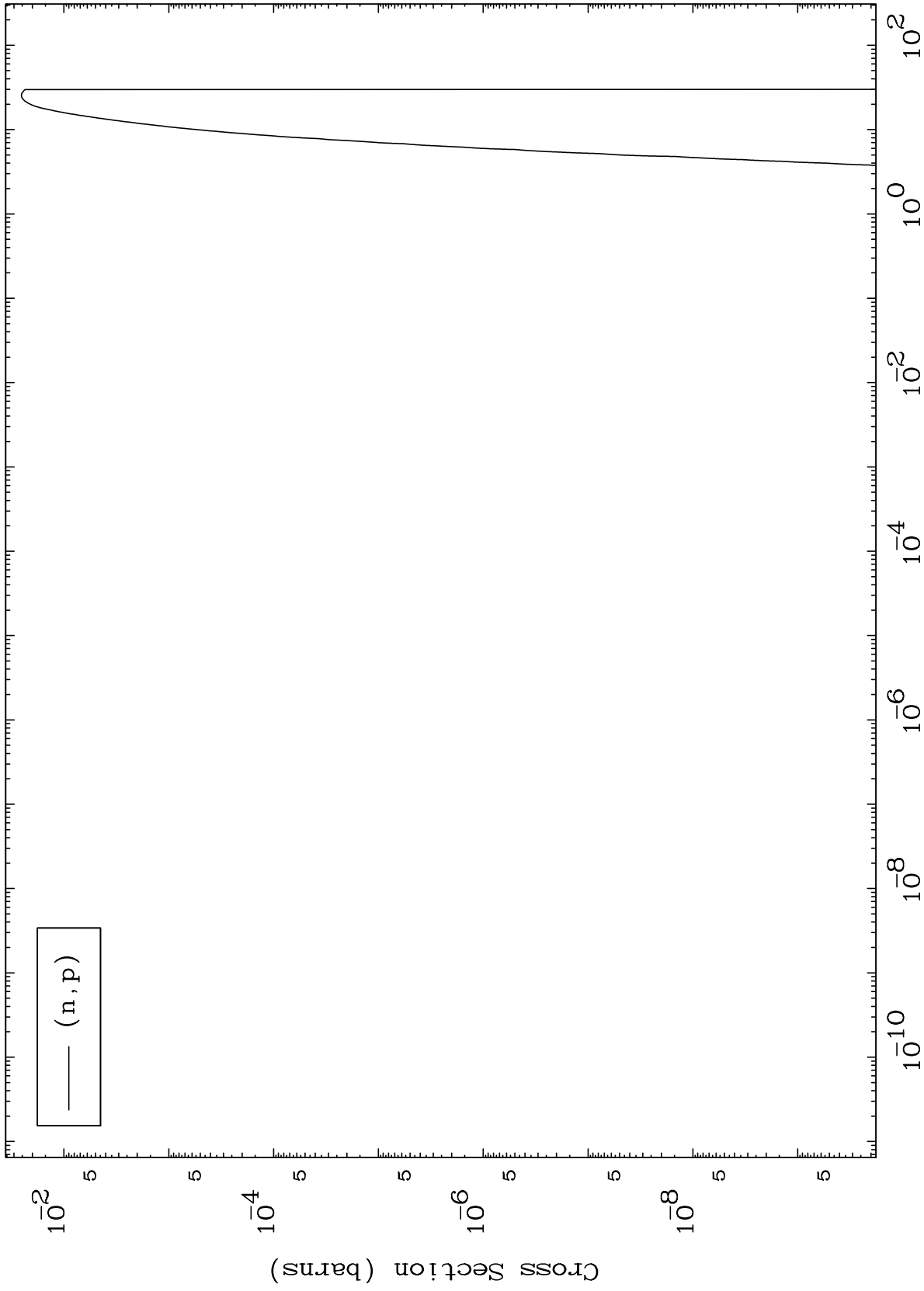
77-Ir-194



MAT 7735

(n,p) Levels  
293 Kelvin Cross Sections

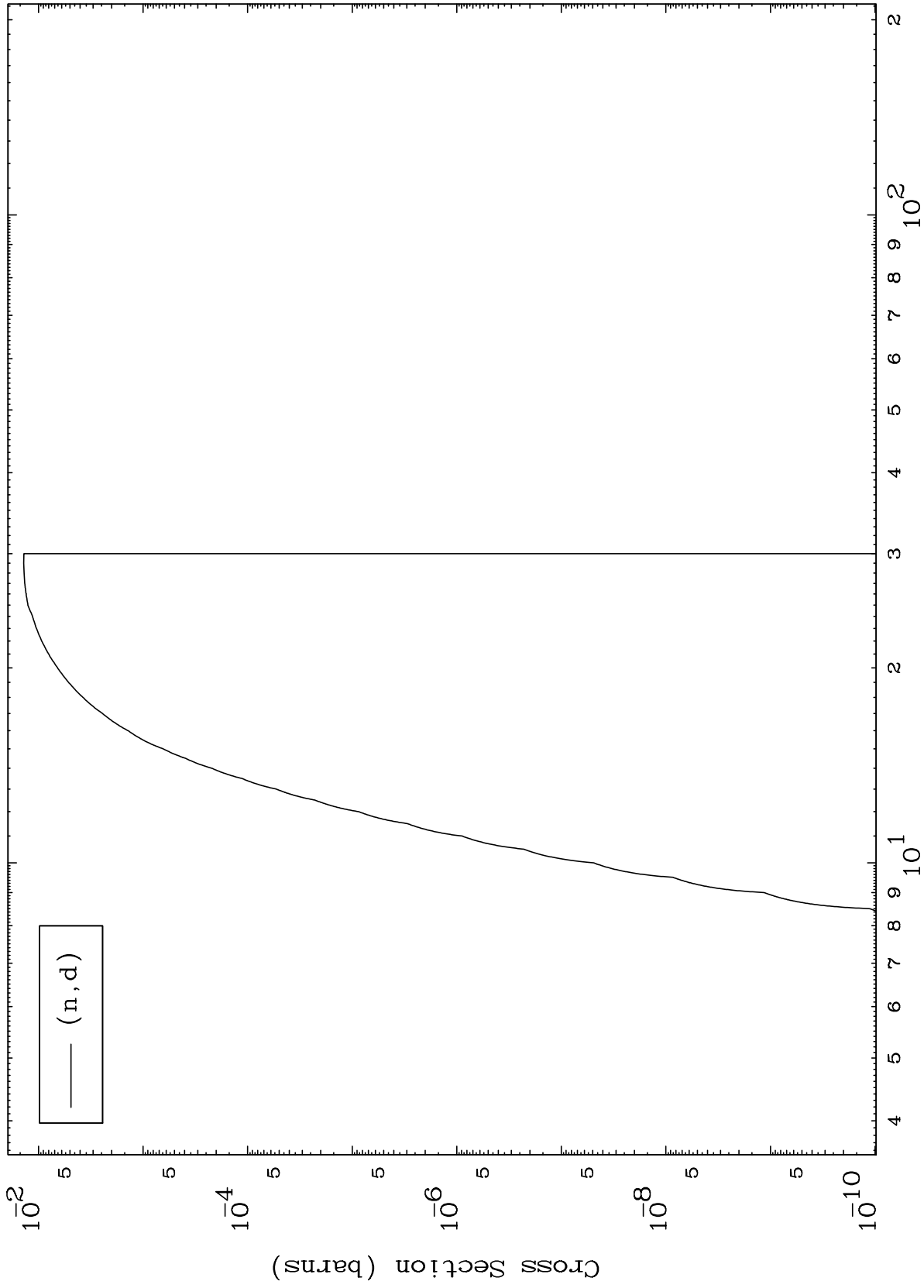
77-Ir-194



MAT 7735

(n,d) Levels  
293 Kelvin Cross Sections

77-Ir-194



9

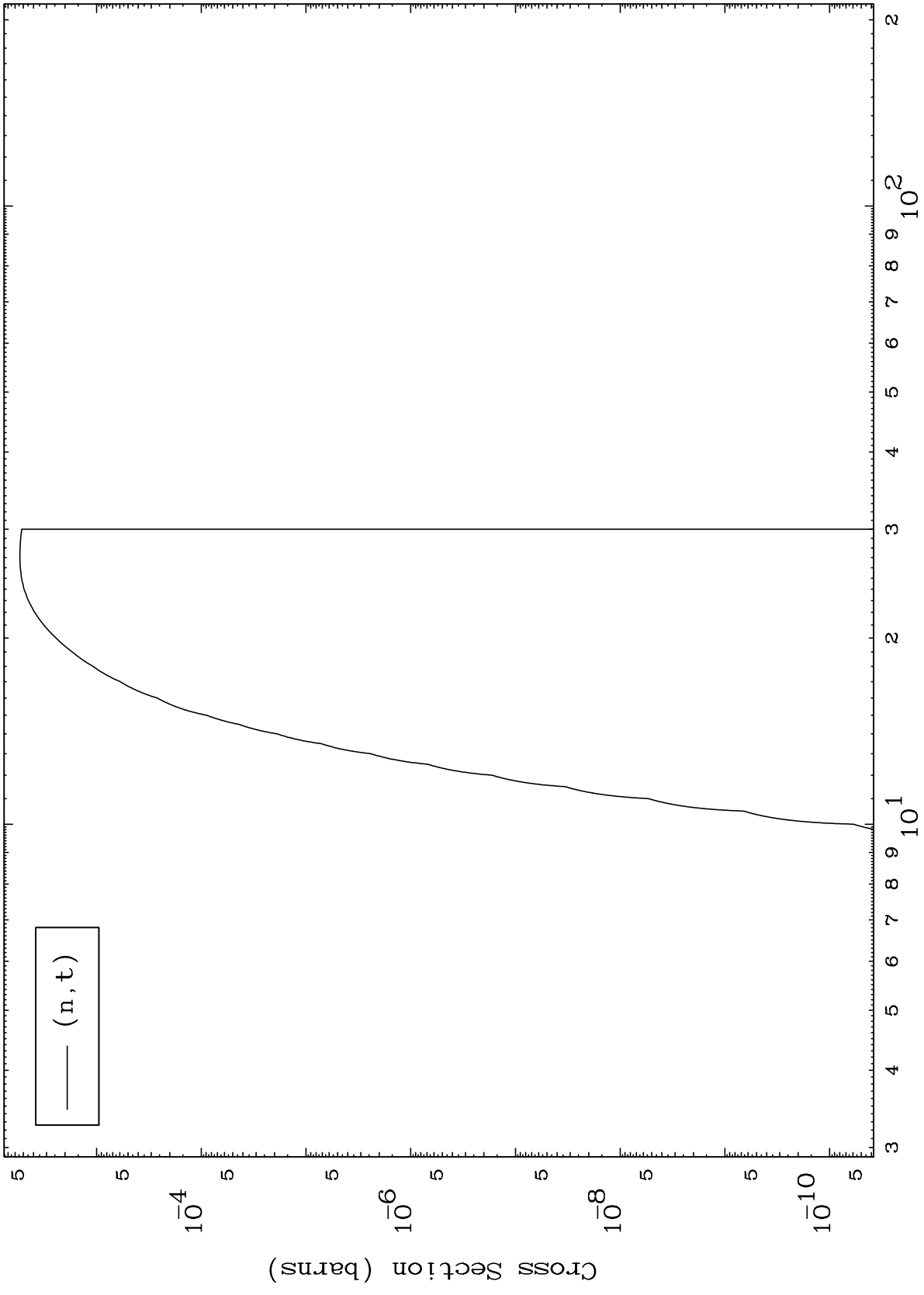
Incident Energy (MeV)

77-Ir-194

MAT 7735

(n,t) Levels  
293 Kelvin Cross Sections

77-Ir-194



10

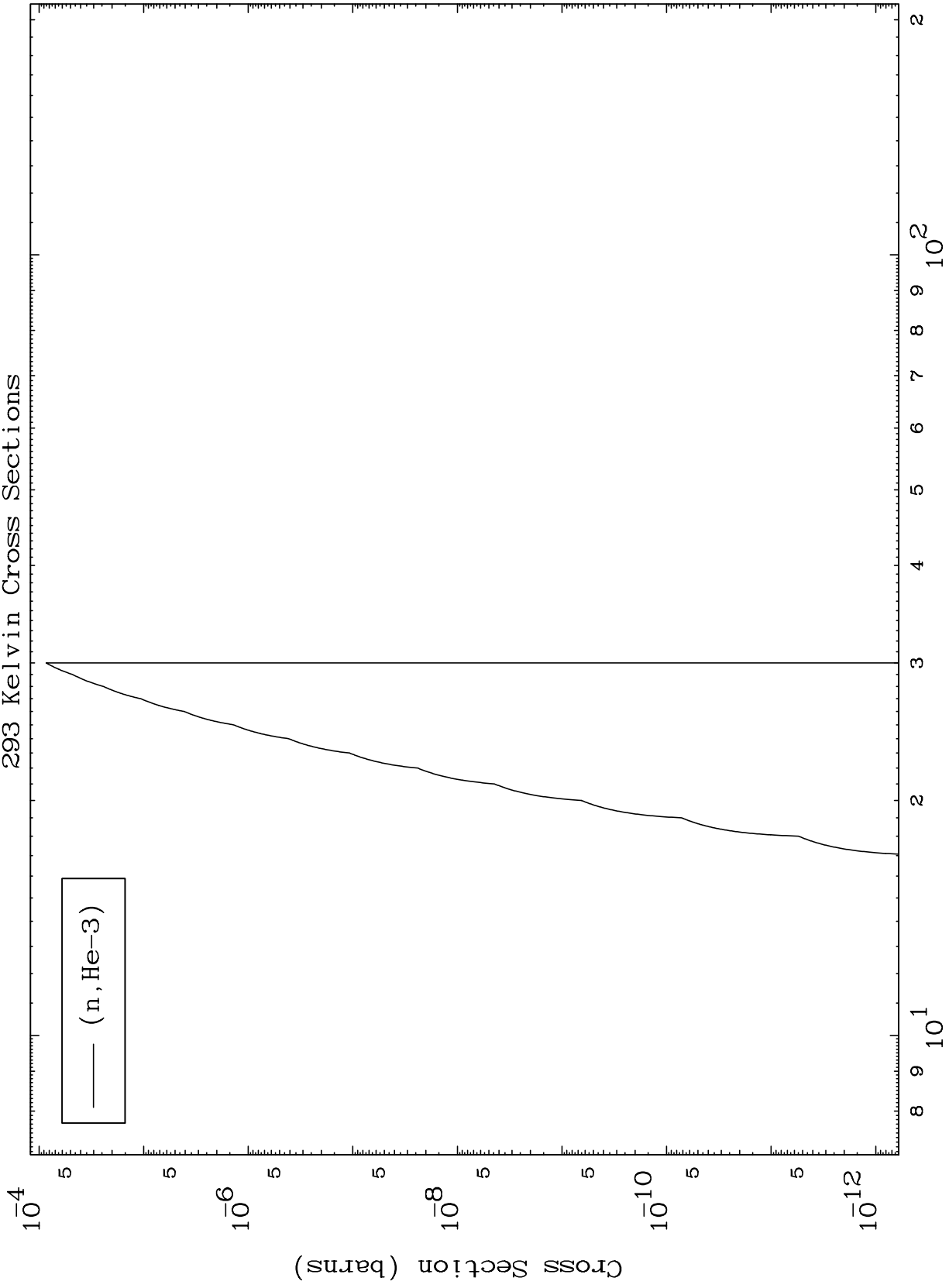
Incident Energy (MeV)

77-Ir-194

MAT 7735

77-Ir-194

(n,He3) Levels  
293 Kelvin Cross Sections



11

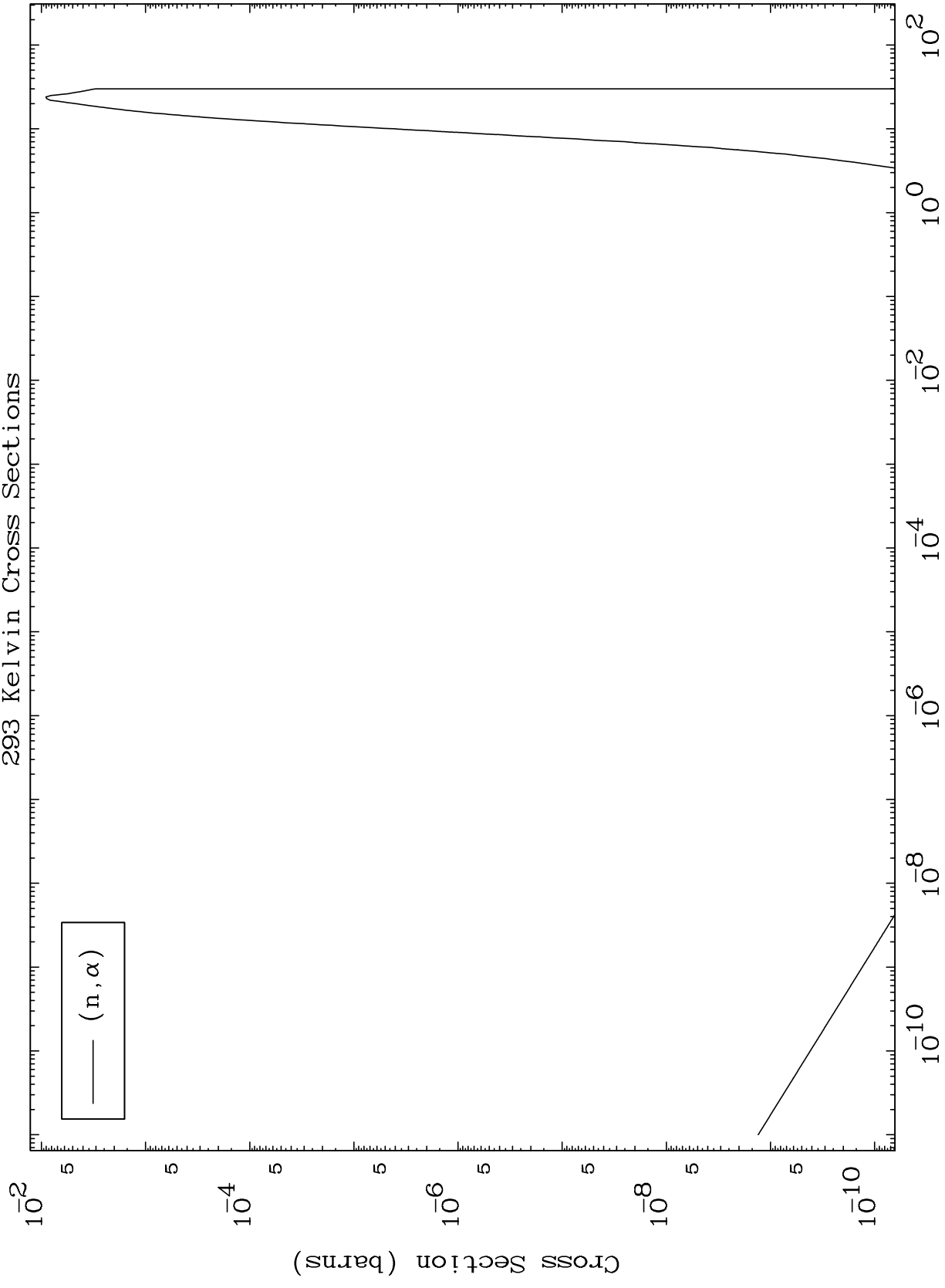
Incident Energy (MeV)

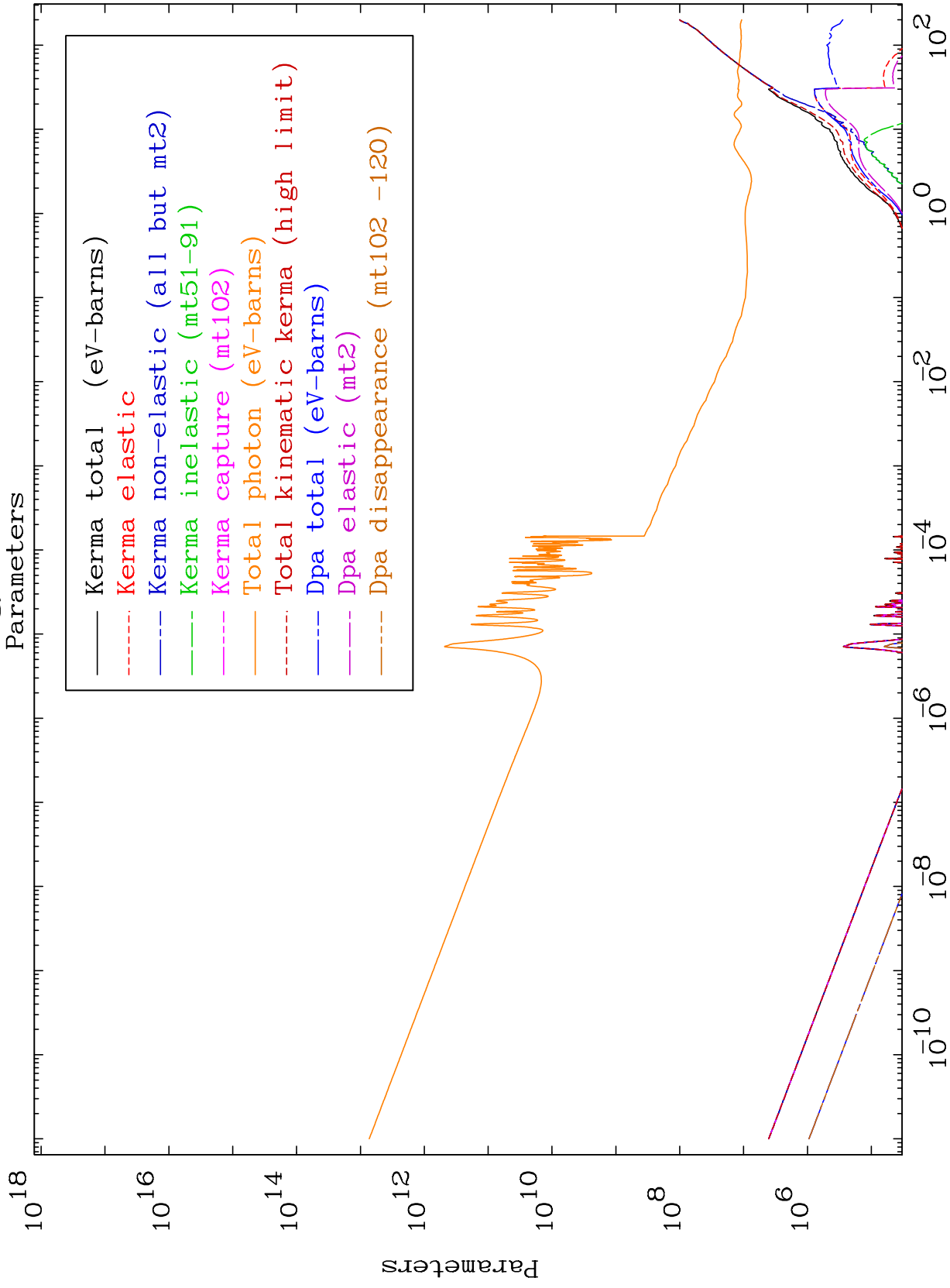
77-Ir-194

MAT 7735

(n,α) Levels  
293 Kelvin Cross Sections

77-Ir-194

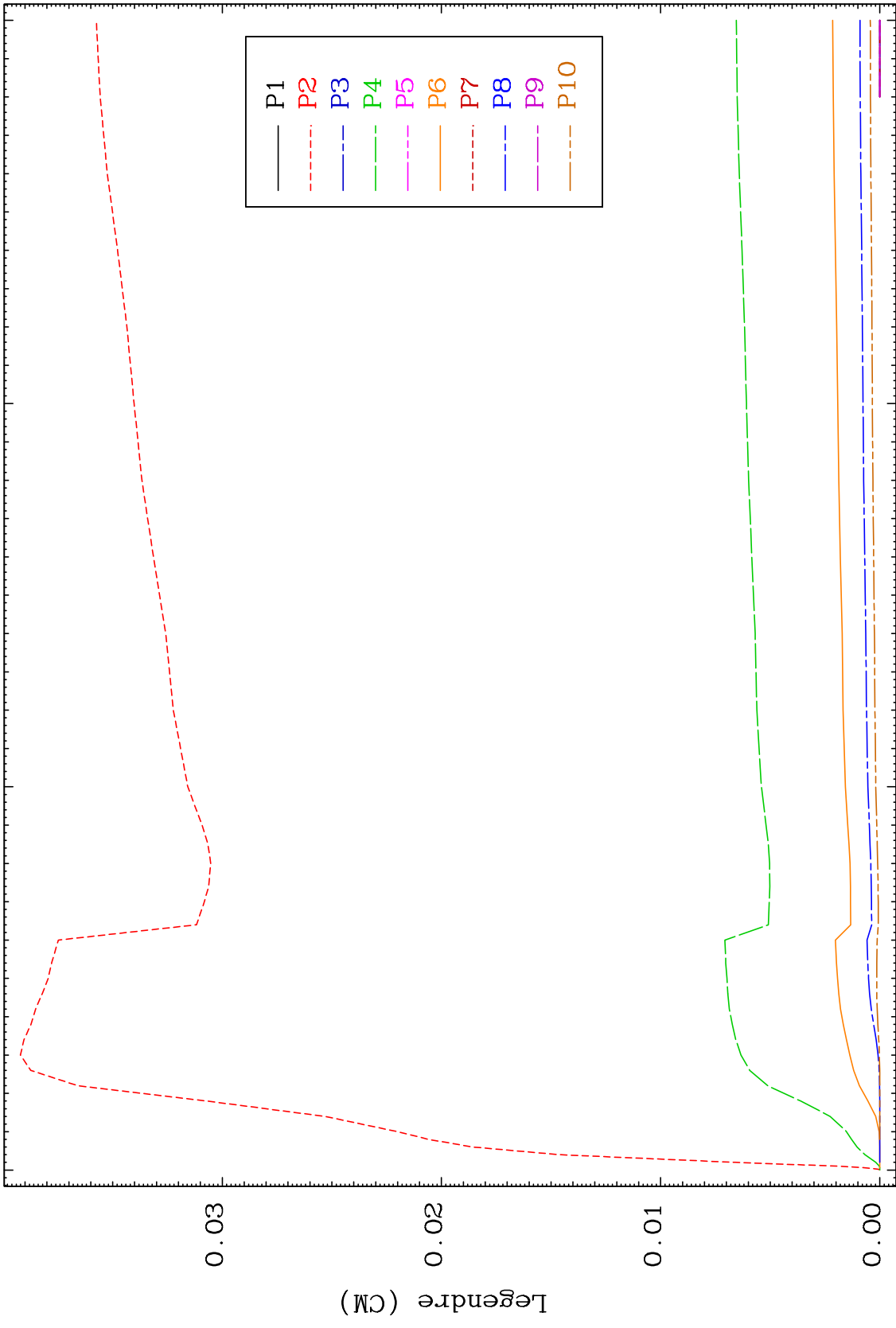




MAT 7735

Elastic Legendre Coefficients

77-Ir-194



77-Ir-194

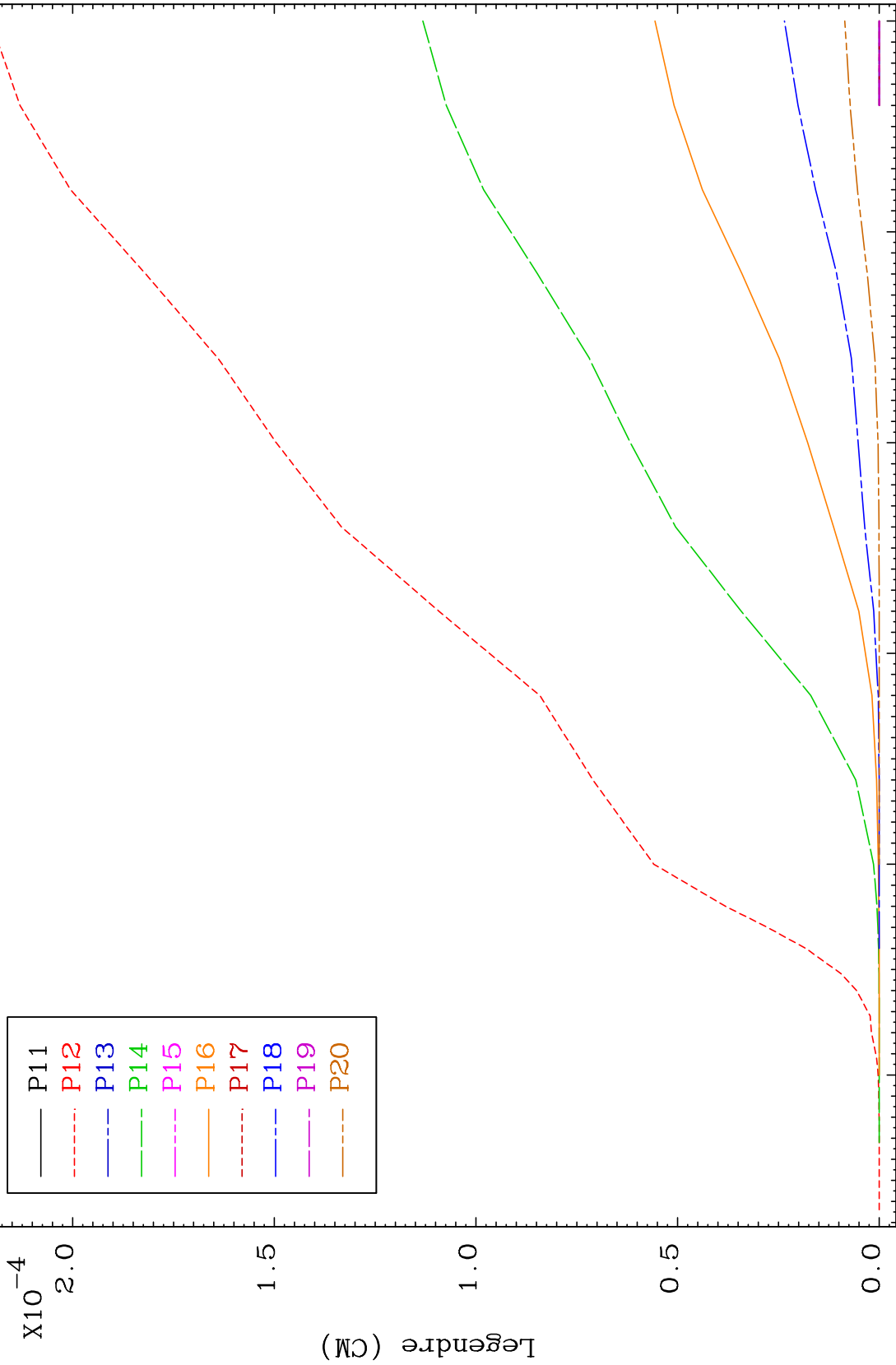
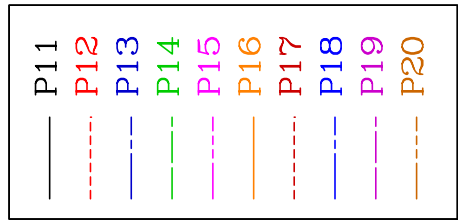
Incident Energy (MeV)

14

MAT 7735

Elastic Legendre Coefficients

77-Ir-194



15

Incident Energy (MeV)

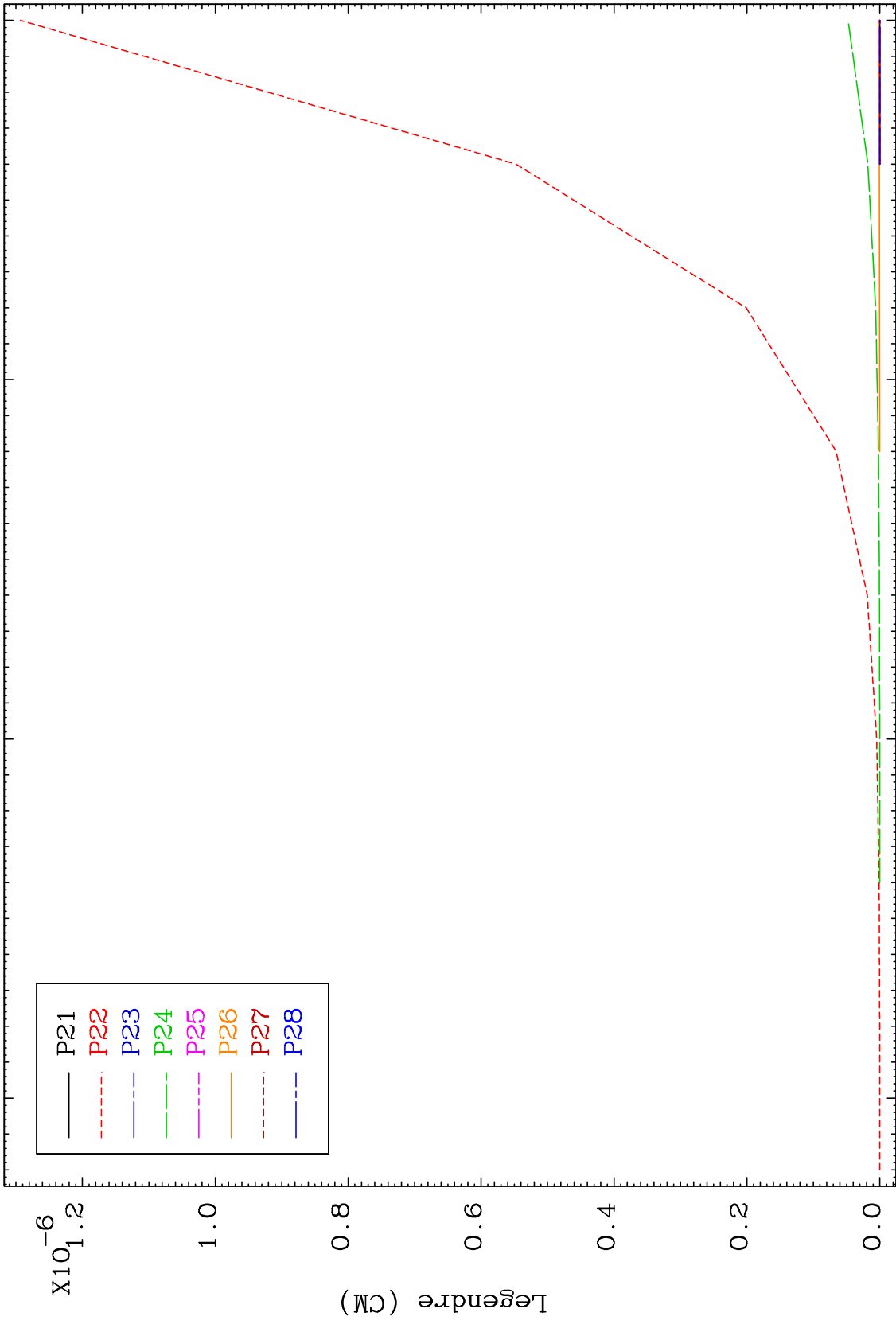
77-Ir-194



MAT 7735

Elastic Legendre Coefficients

77-Ir-194



16

Incident Energy (MeV)

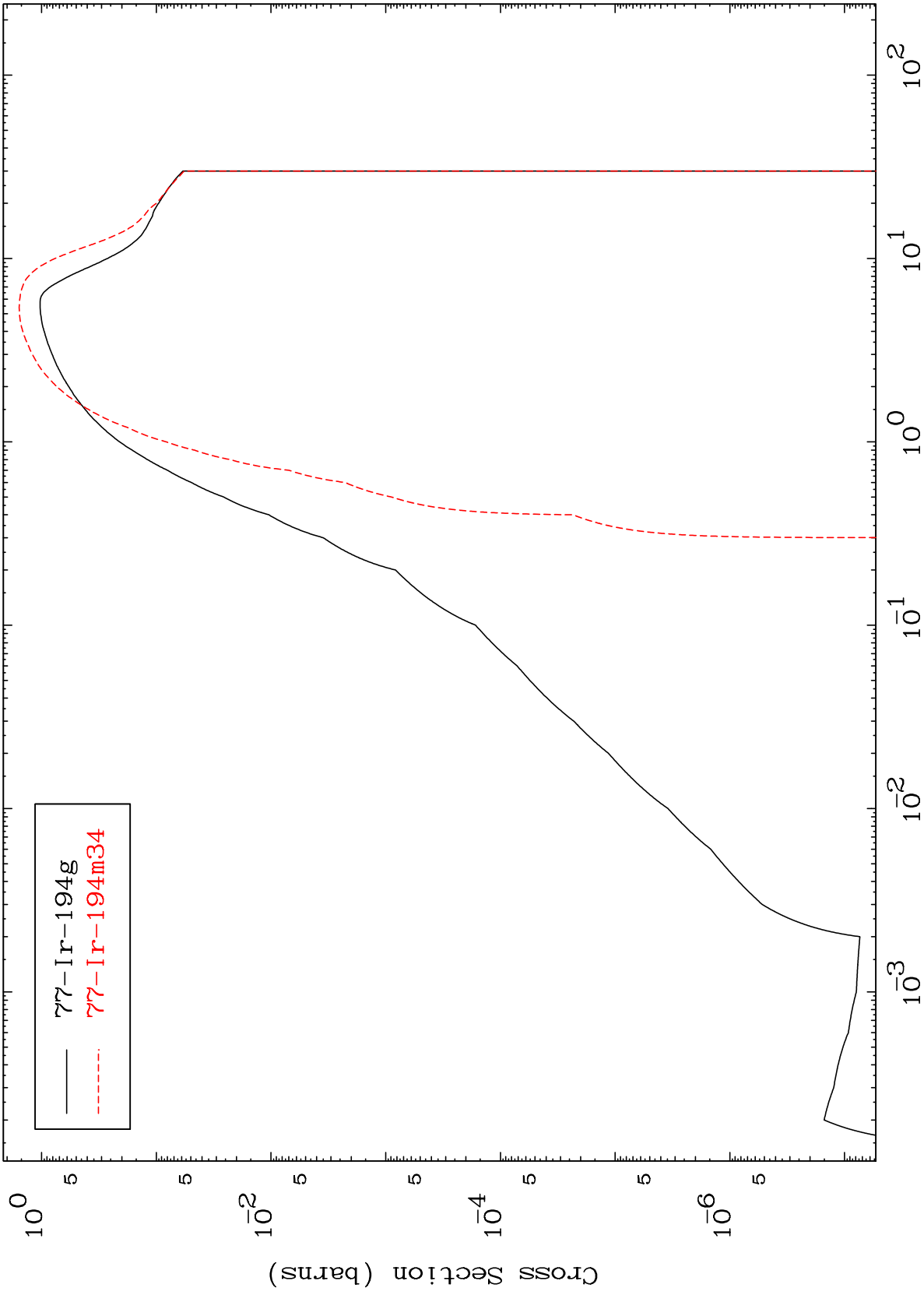
77-Ir-194

MAT 7735

Inelastic

77-Ir-194

Radionuclide Production Cross Section



17

Incident Energy (MeV)

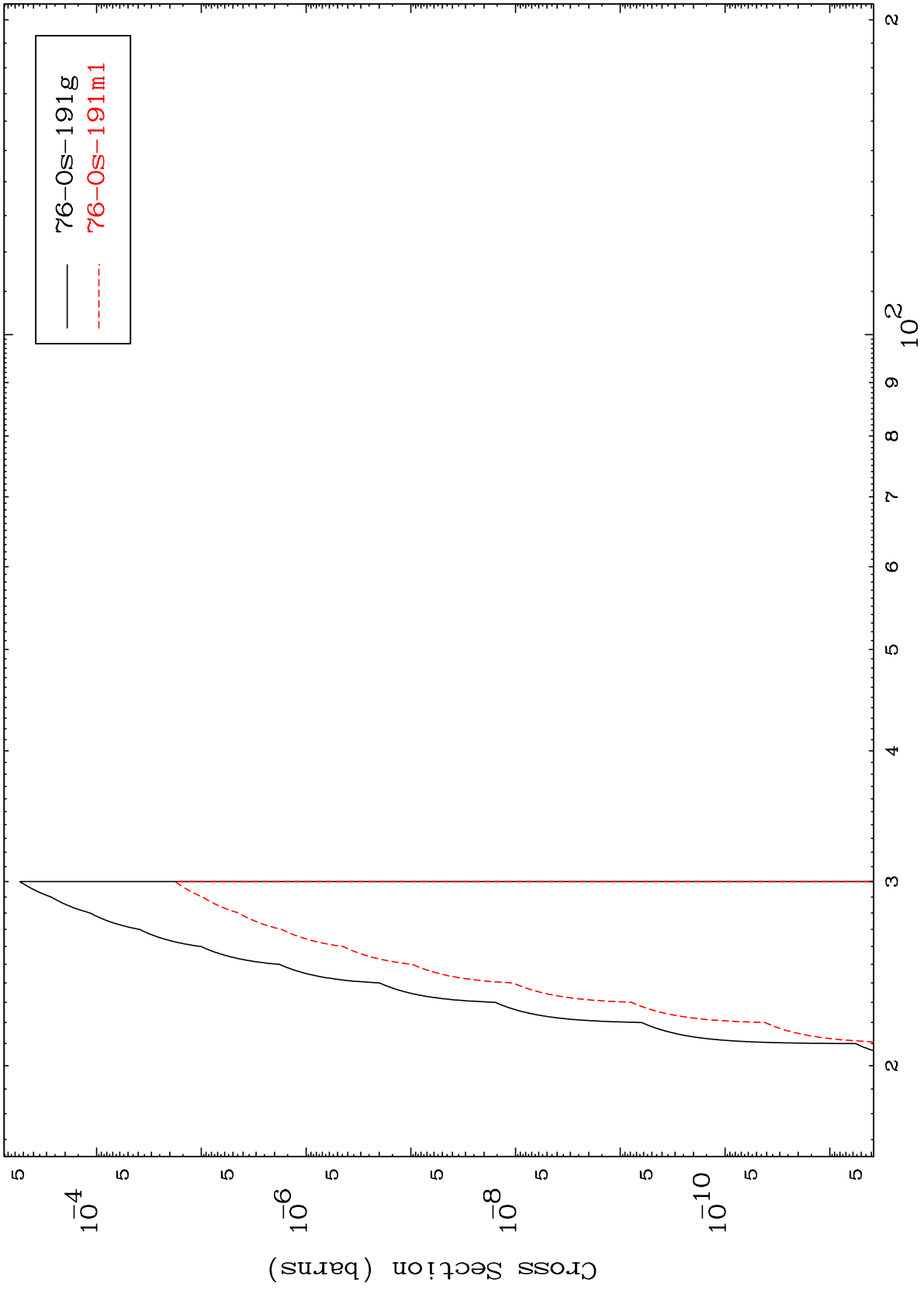
77-Ir-194

MAT 7735

(n,2n) d

<sup>77</sup>Ir-194

Radionuclide Production Cross Section



18

Incident Energy (MeV)

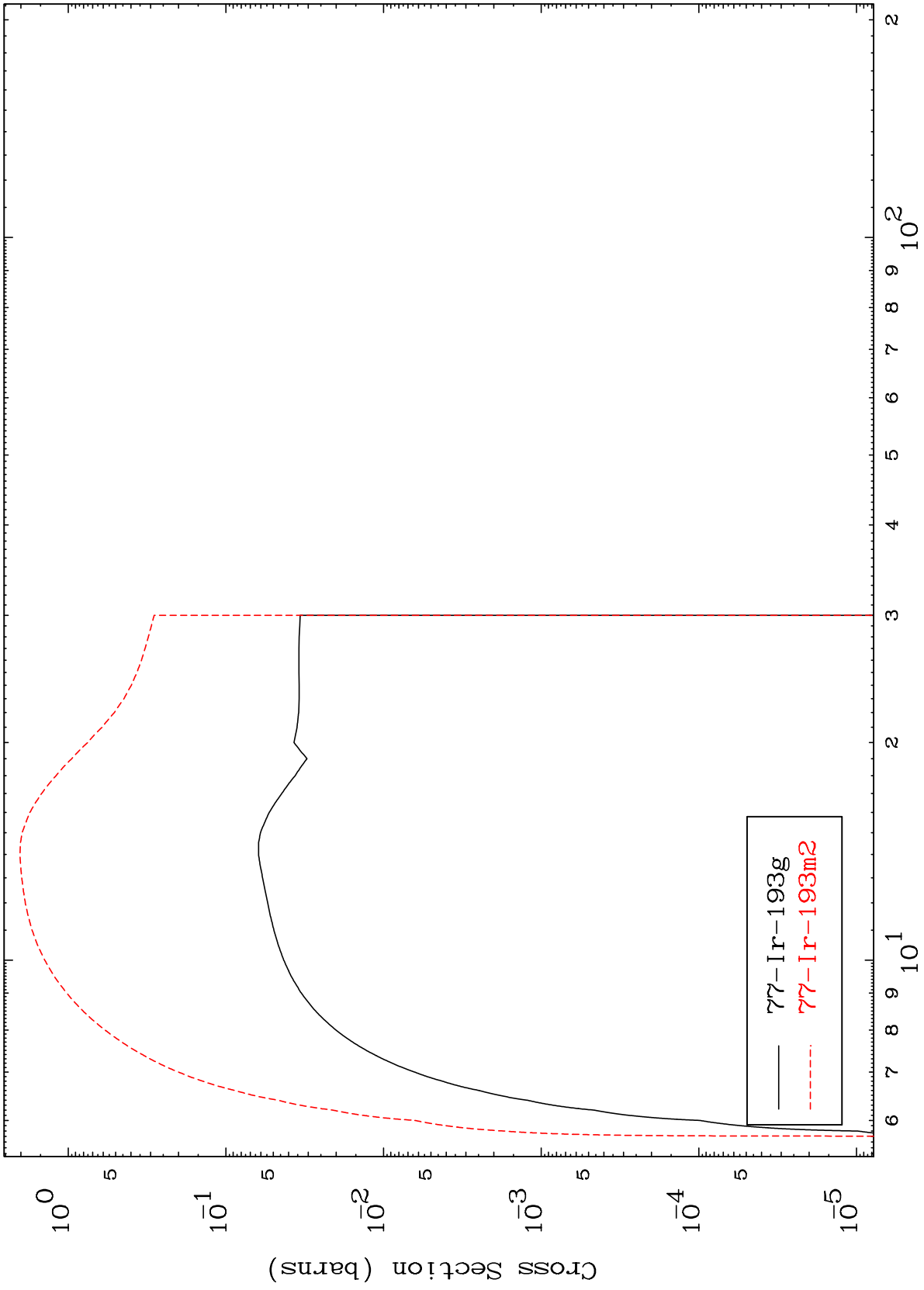
<sup>77</sup>Ir-194

MAT 7735

77-Ir-194

Radionuclide Production Cross Section

(n,2n)



19

Incident Energy (MeV)

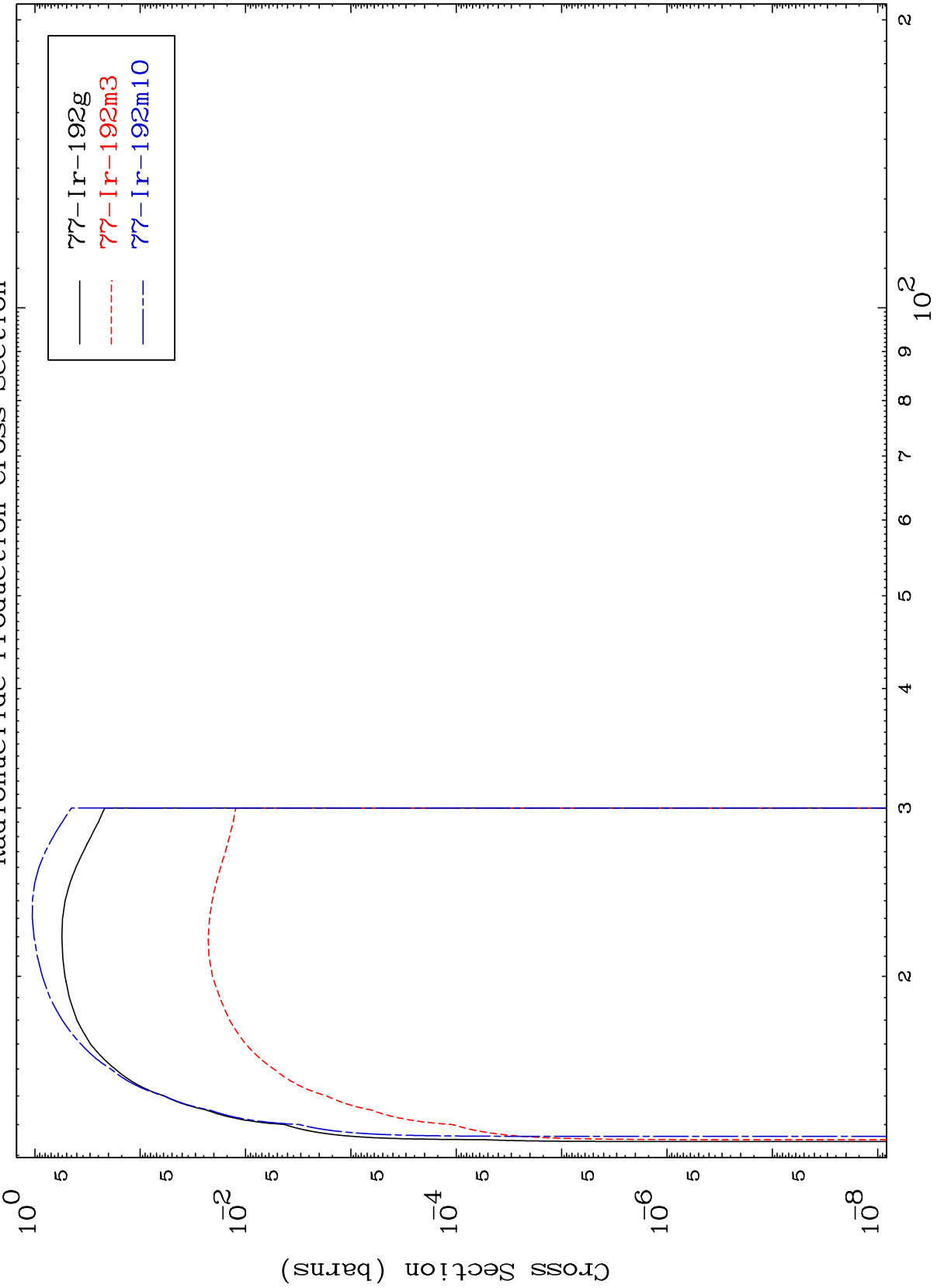
77-Ir-194

MAT 7735

(n,3n)

77-Ir-194

Radionuclide Production Cross Section



20

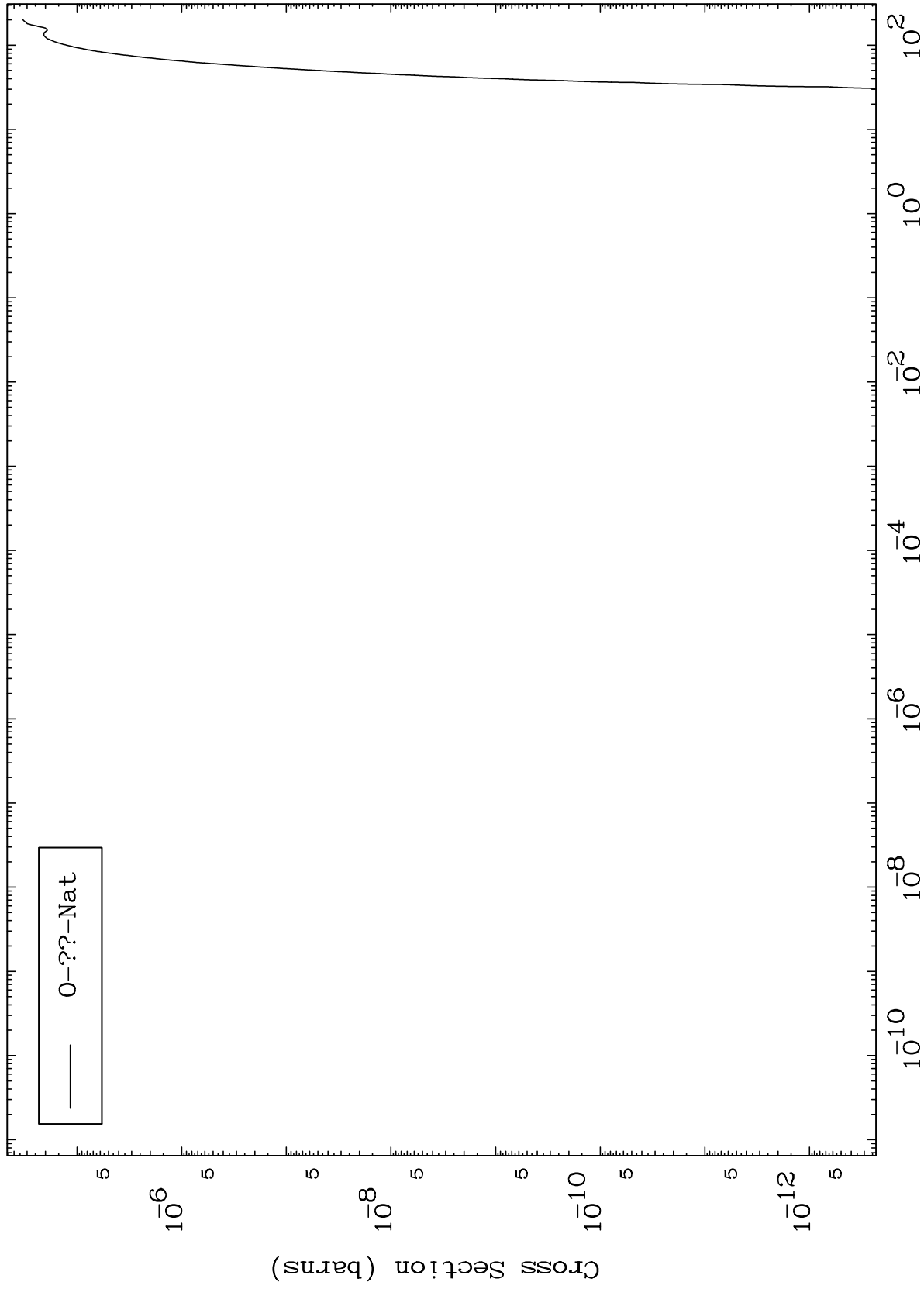
Incident Energy (MeV)

77-Ir-194

MAT 7735

Fission  
Radionuclide Production Cross Section

77-Ir-194



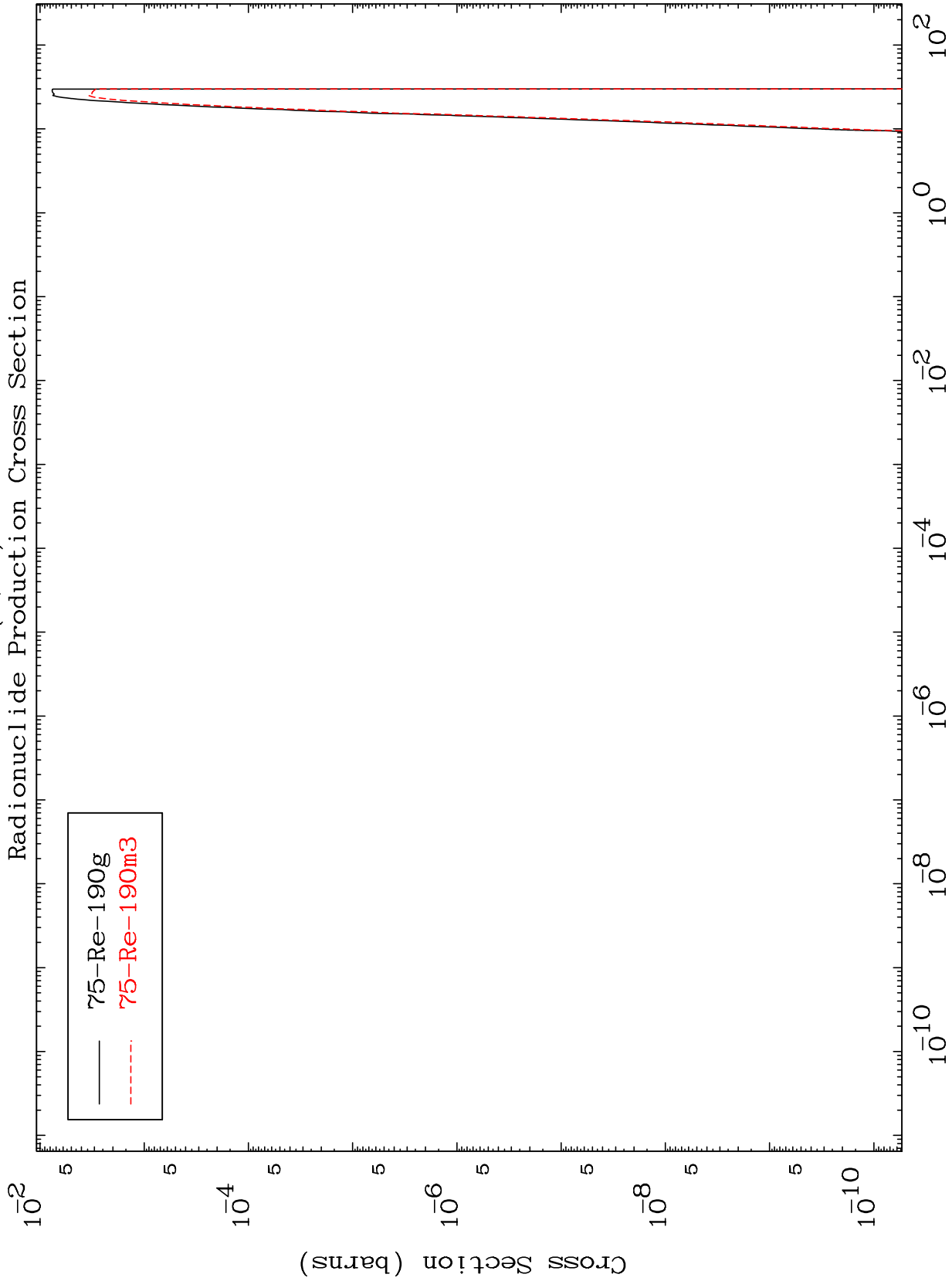
77-Ir-194

MAT 7735

(n,n')  $\alpha$

77-Ir-194

Radionuclide Production Cross Section



22

Incident Energy (MeV)

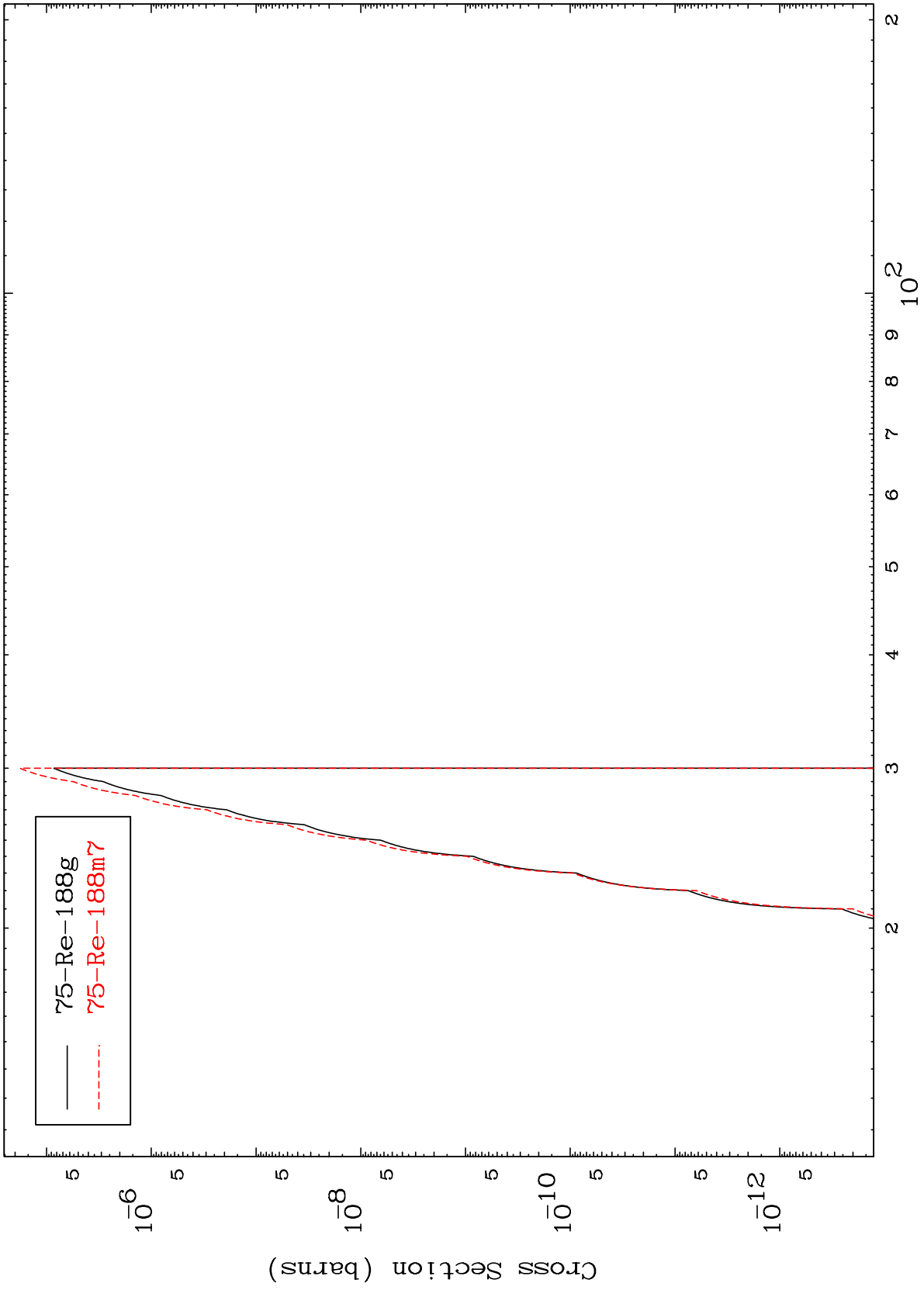
77-Ir-194

MAT 7735

(n,3n)  $\alpha$

77-Ir-194

Radionuclide Production Cross Section



23

Incident Energy (MeV)

77-Ir-194

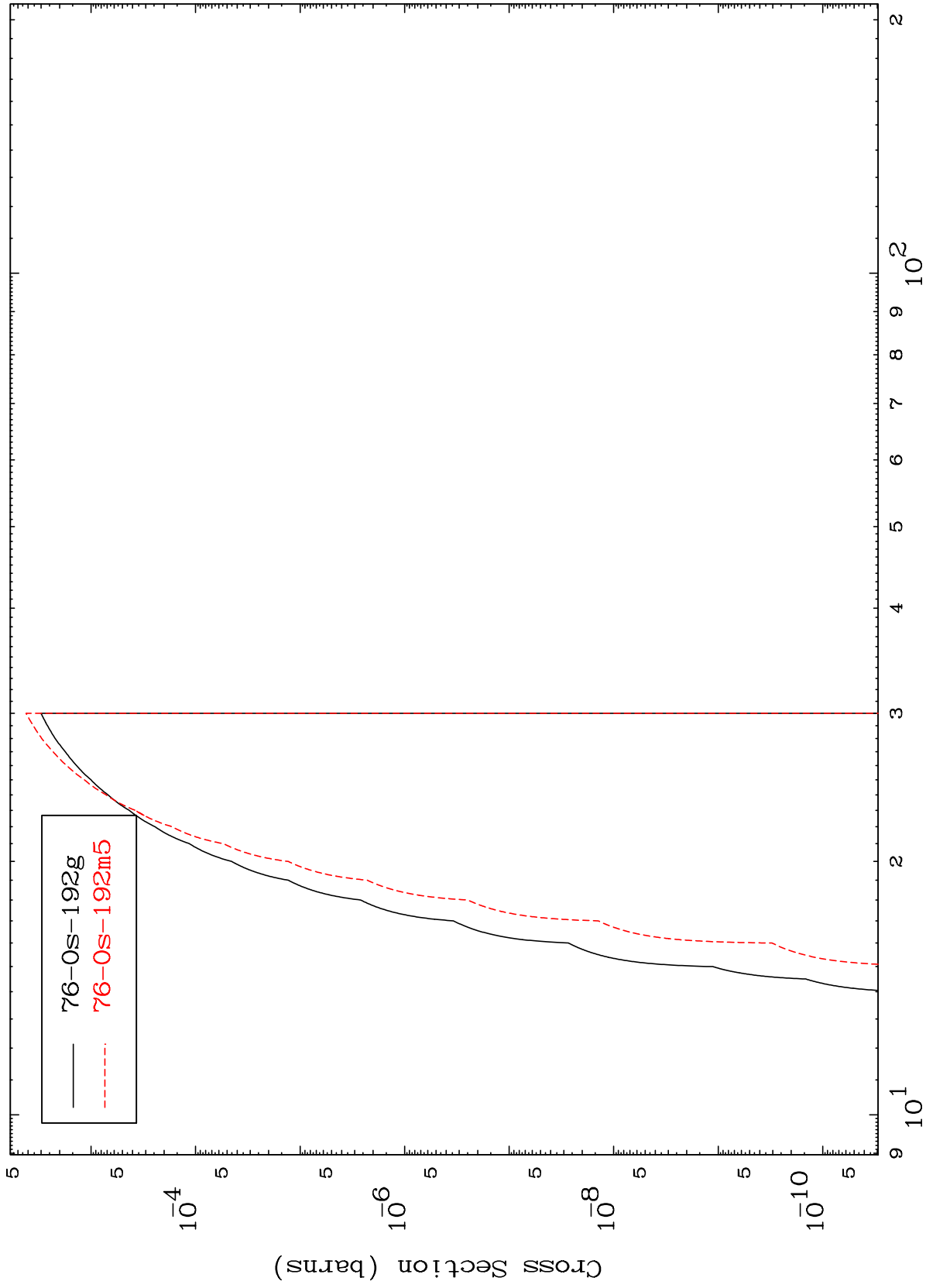


MAT 7735

(n,n') d

77-Ir-194

Radionuclide Production Cross Section



24

Incident Energy (MeV)

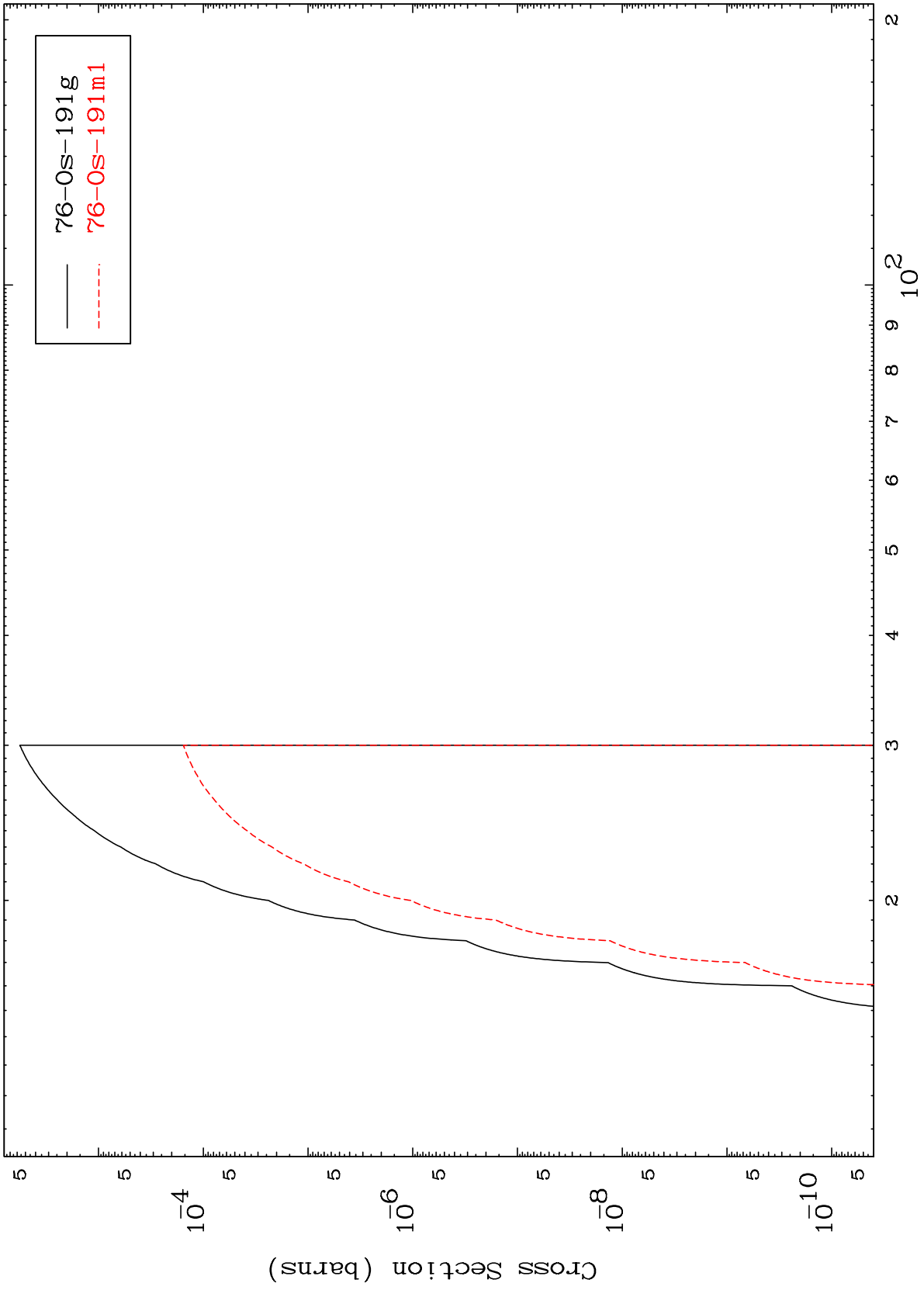
77-Ir-194

MAT 7735

(n,n') t

77-Ir-194

Radionuclide Production Cross Section



25

Incident Energy (MeV)

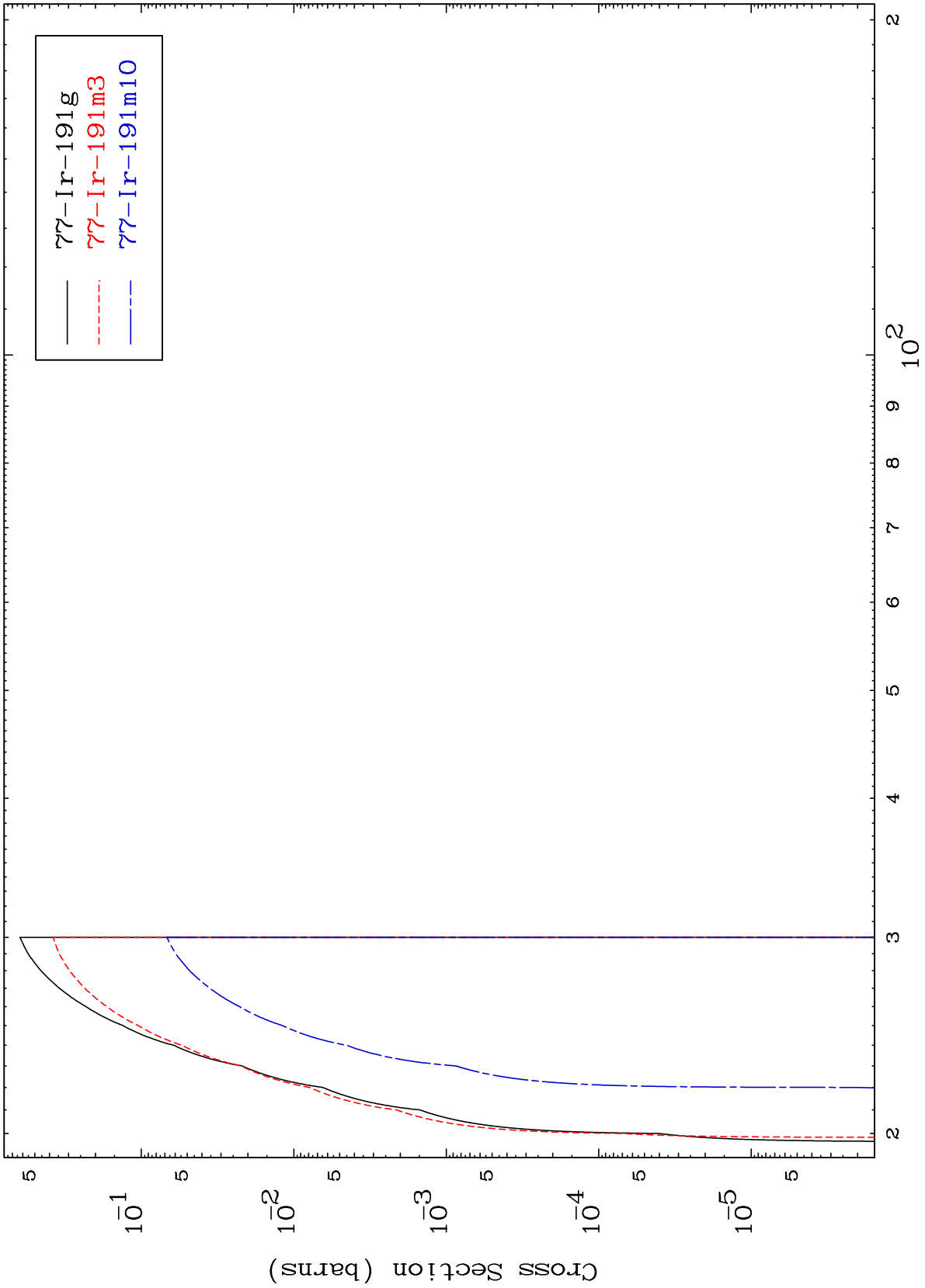
77-Ir-194

MAT 7735

(n,4n)

77-Ir-194

Radionuclide Production Cross Section



26

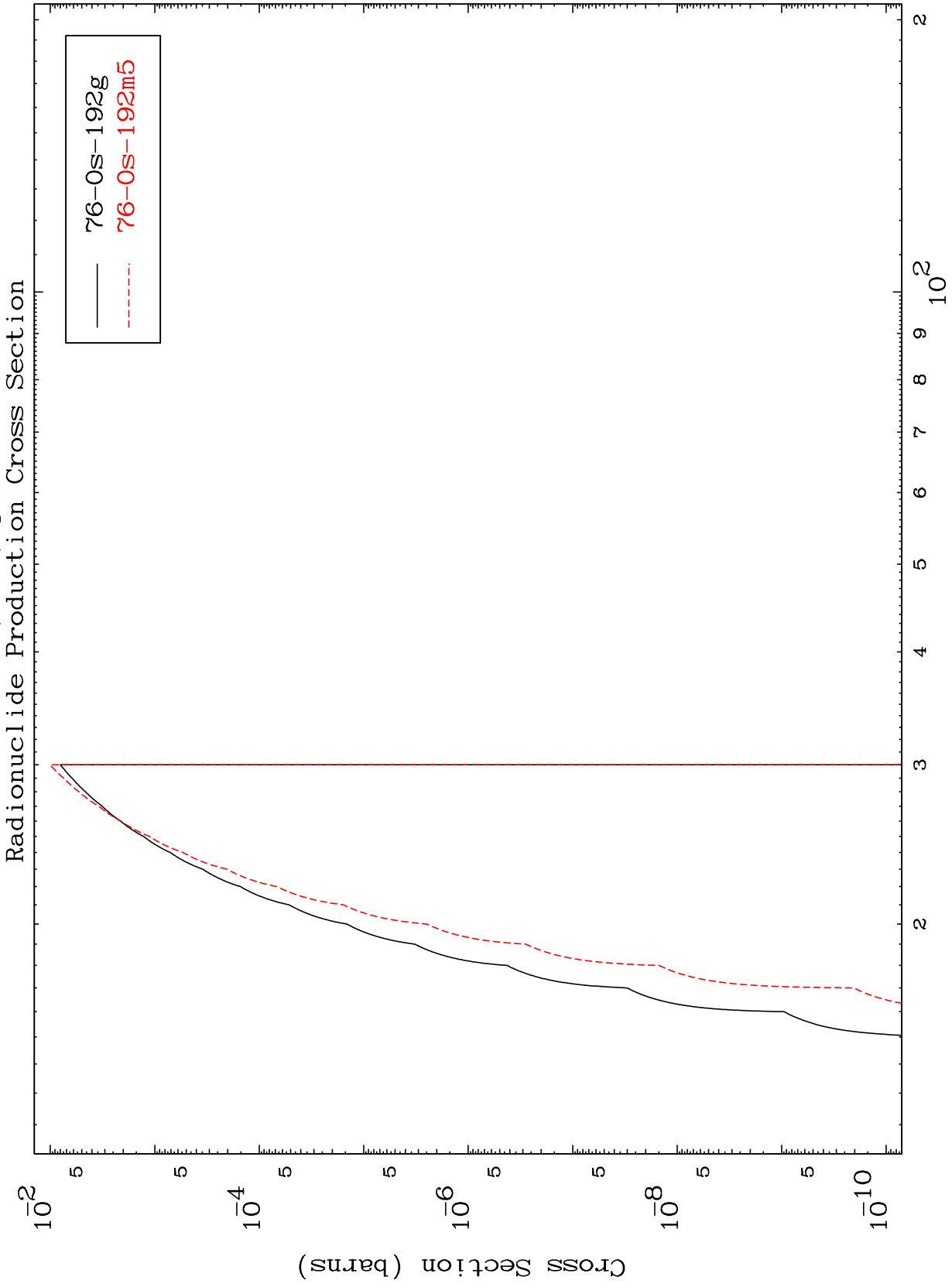
Incident Energy (MeV)

77-Ir-194

MAT 7735

(n,2n) p

77-Ir-194



27

Incident Energy (MeV)

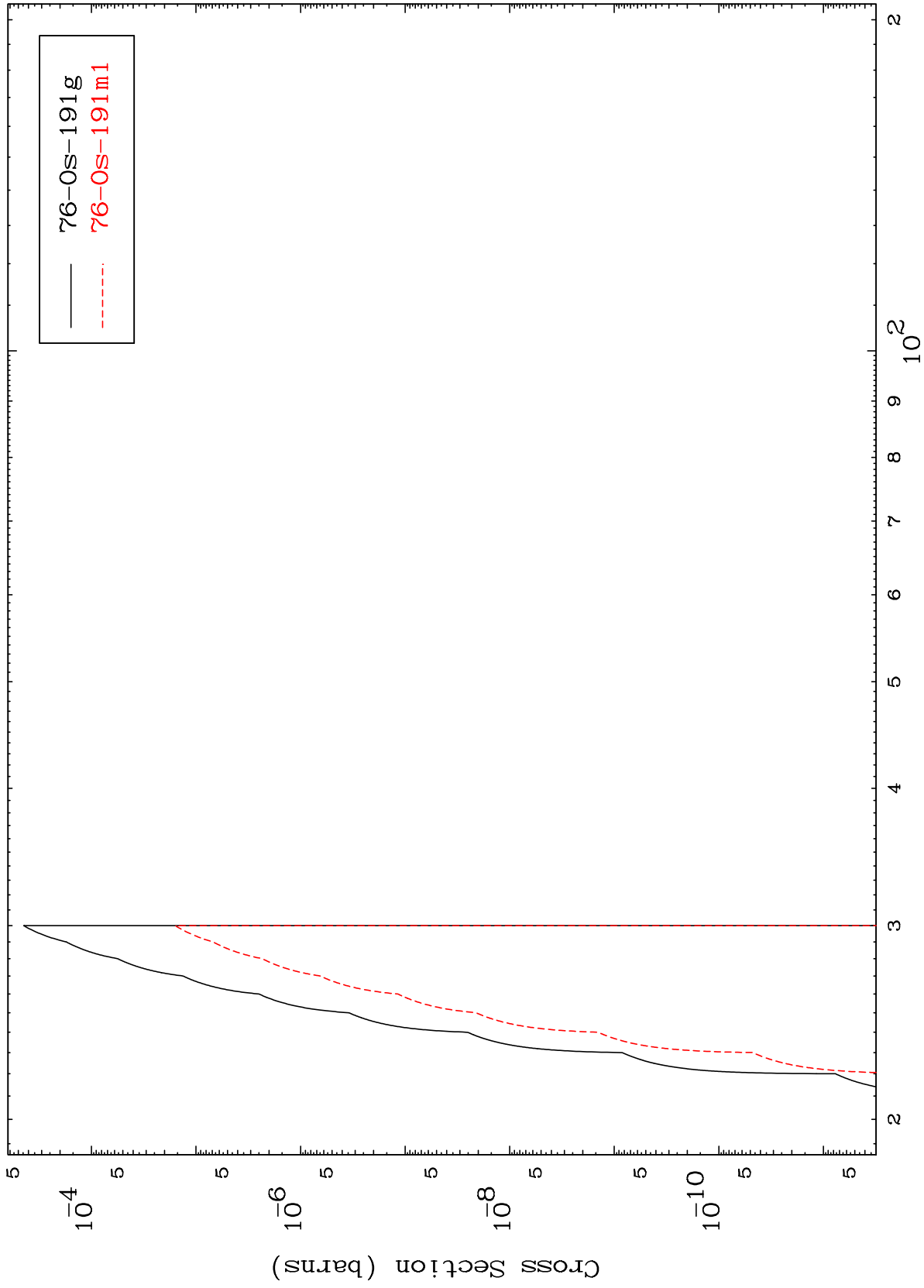
77-Ir-194

MAT 7735

(n,3n) p

77-Ir-194

Radionuclide Production Cross Section



28

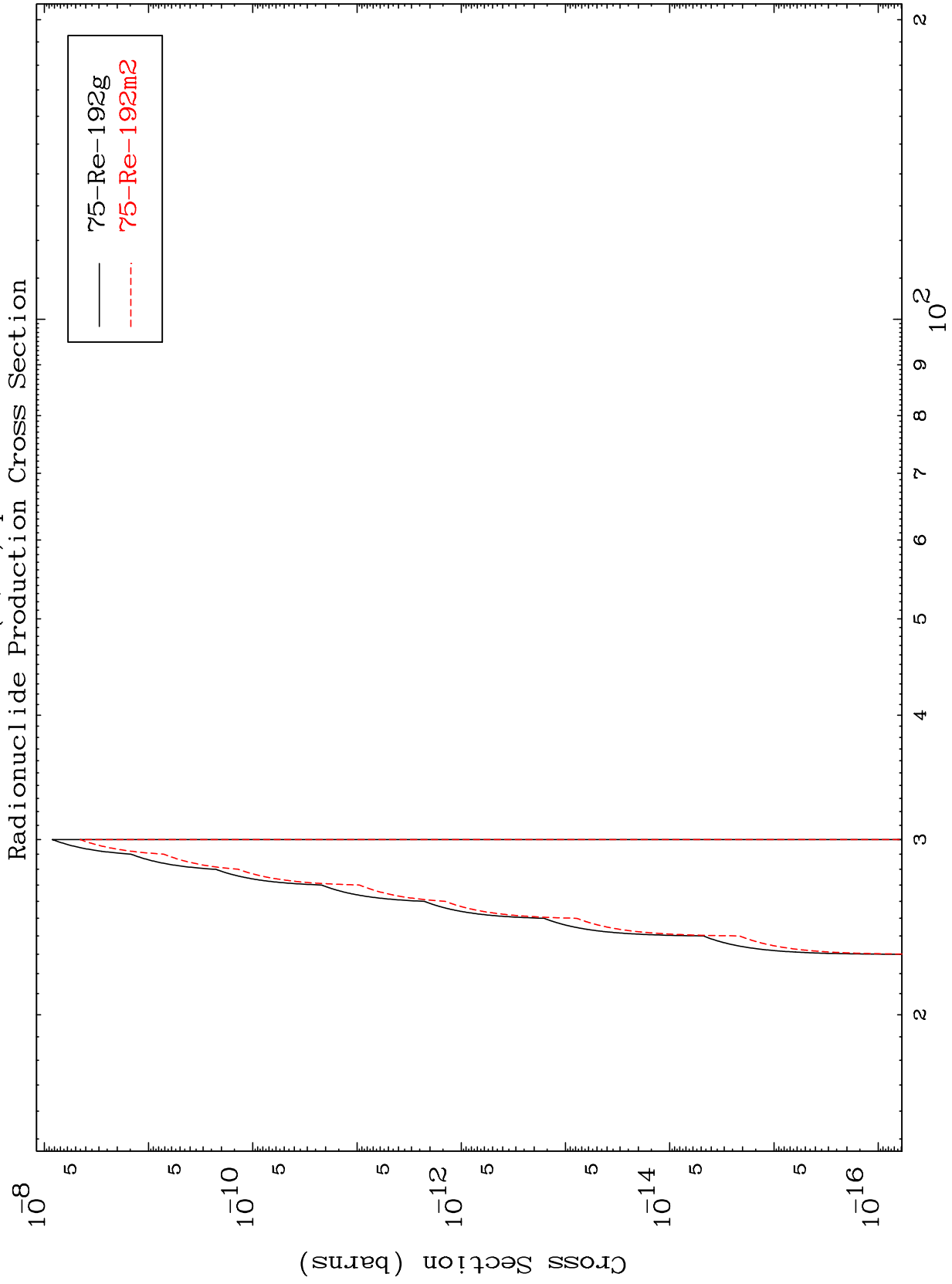
Incident Energy (MeV)

77-Ir-194

MAT 7735

(n,2n) p

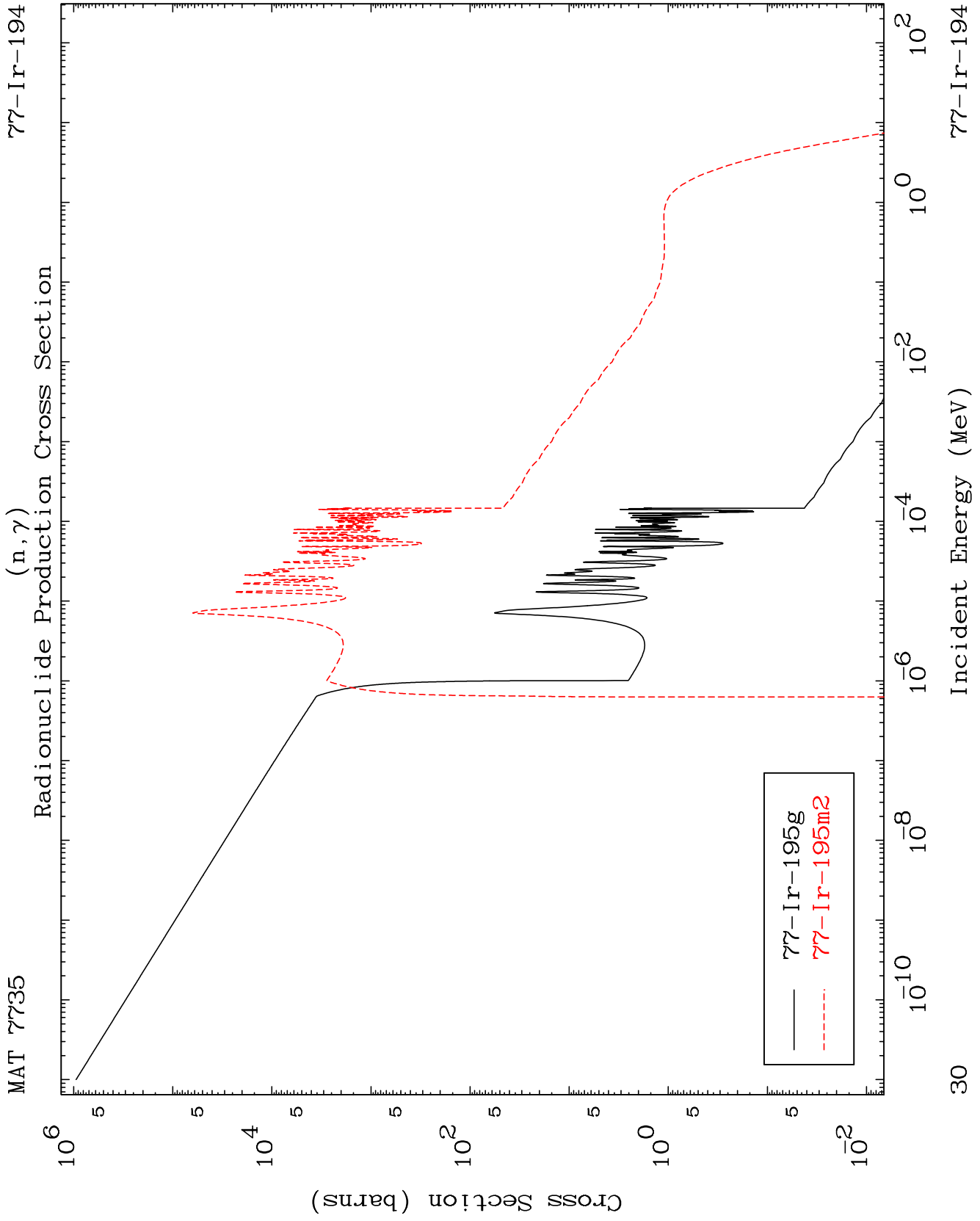
77-Ir-194



29

77-Ir-194

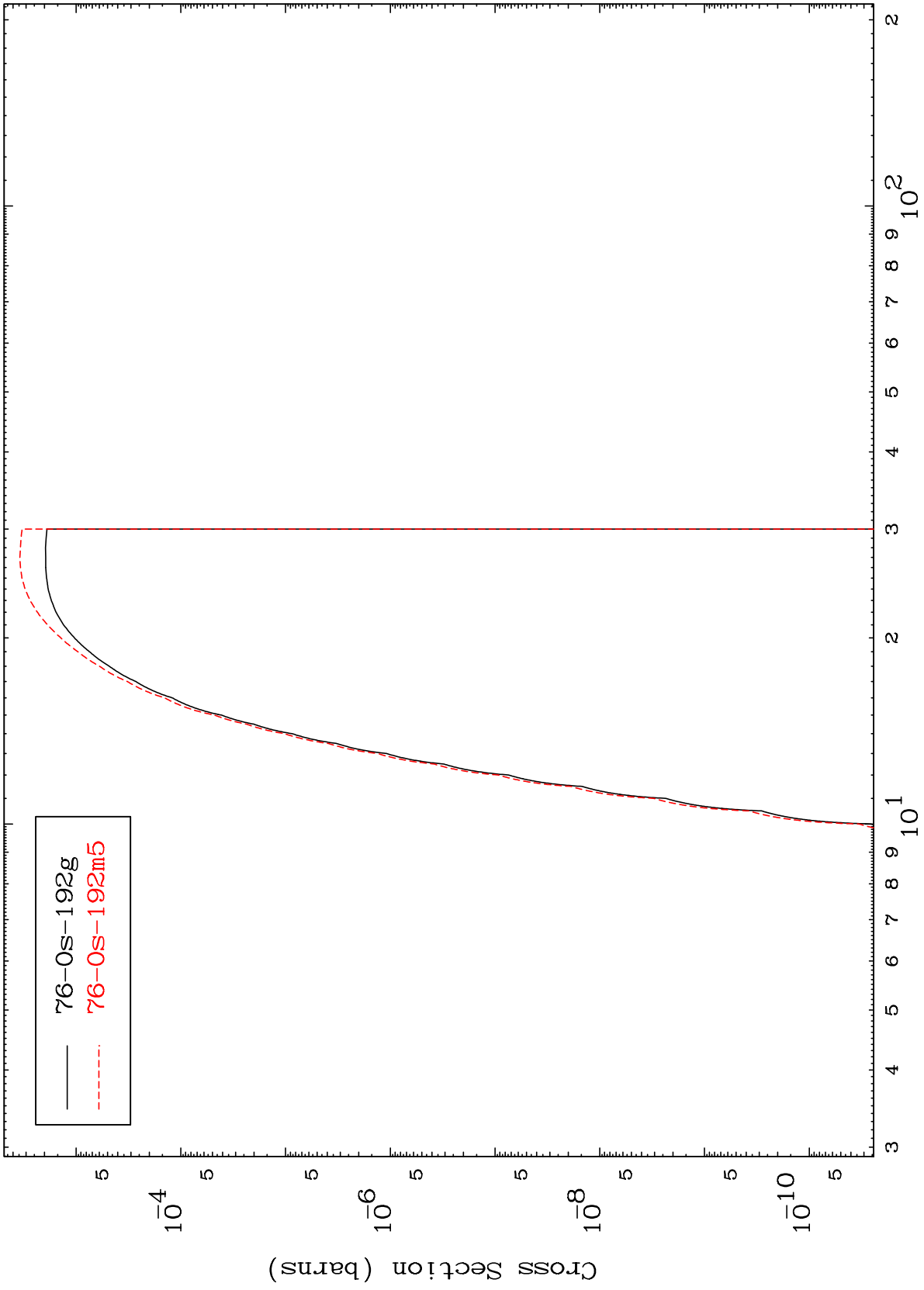
77-Ir-194



MAT 7735

77-Ir-194

(n, t)  
Radionuclide Production Cross Section



31

77-Ir-194

Incident Energy (MeV)

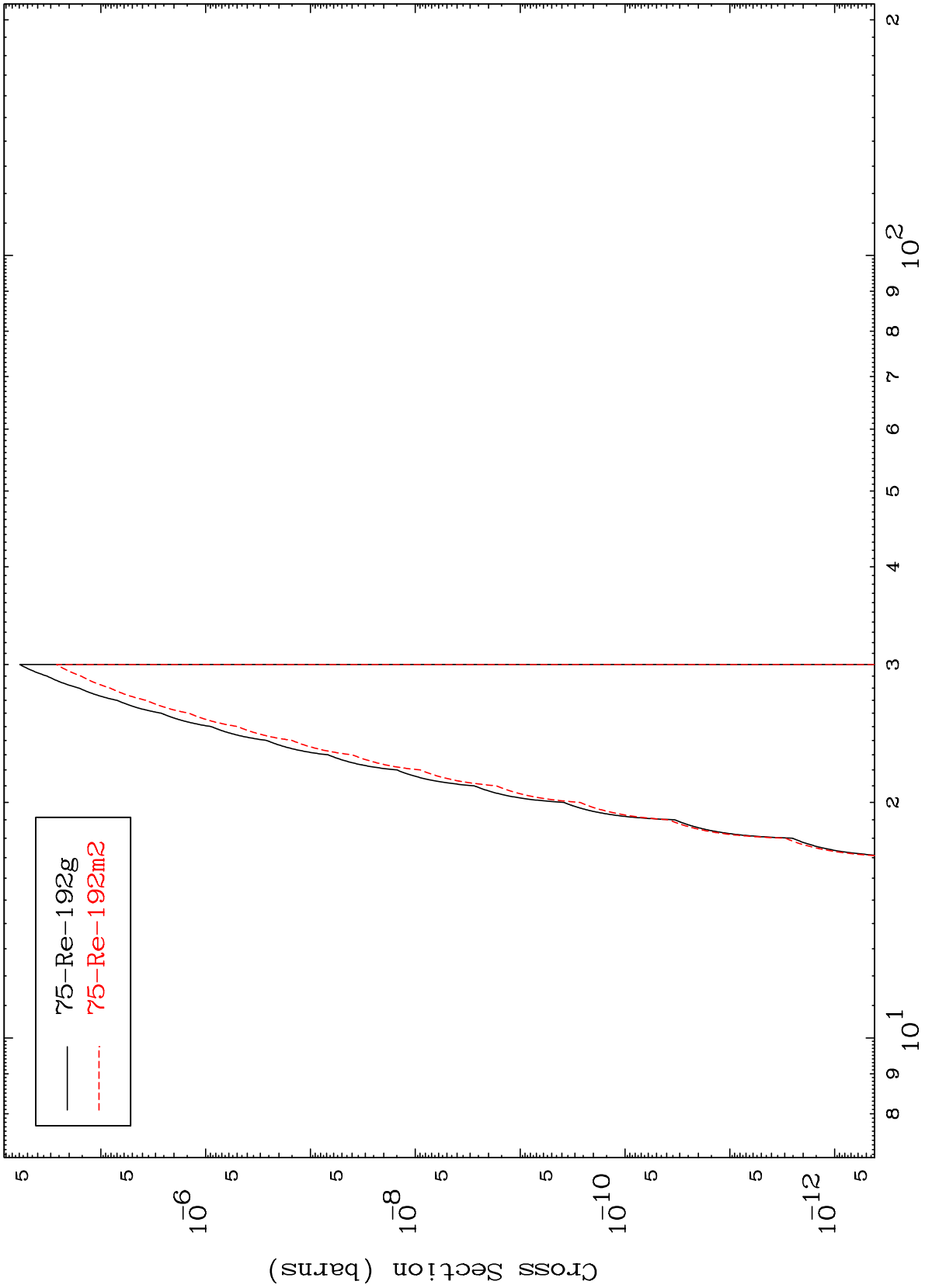


MAT 7735

(n, He-3)

77-Ir-194

Radionuclide Production Cross Section



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

32

Incident Energy (MeV)

77-Ir-194