

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

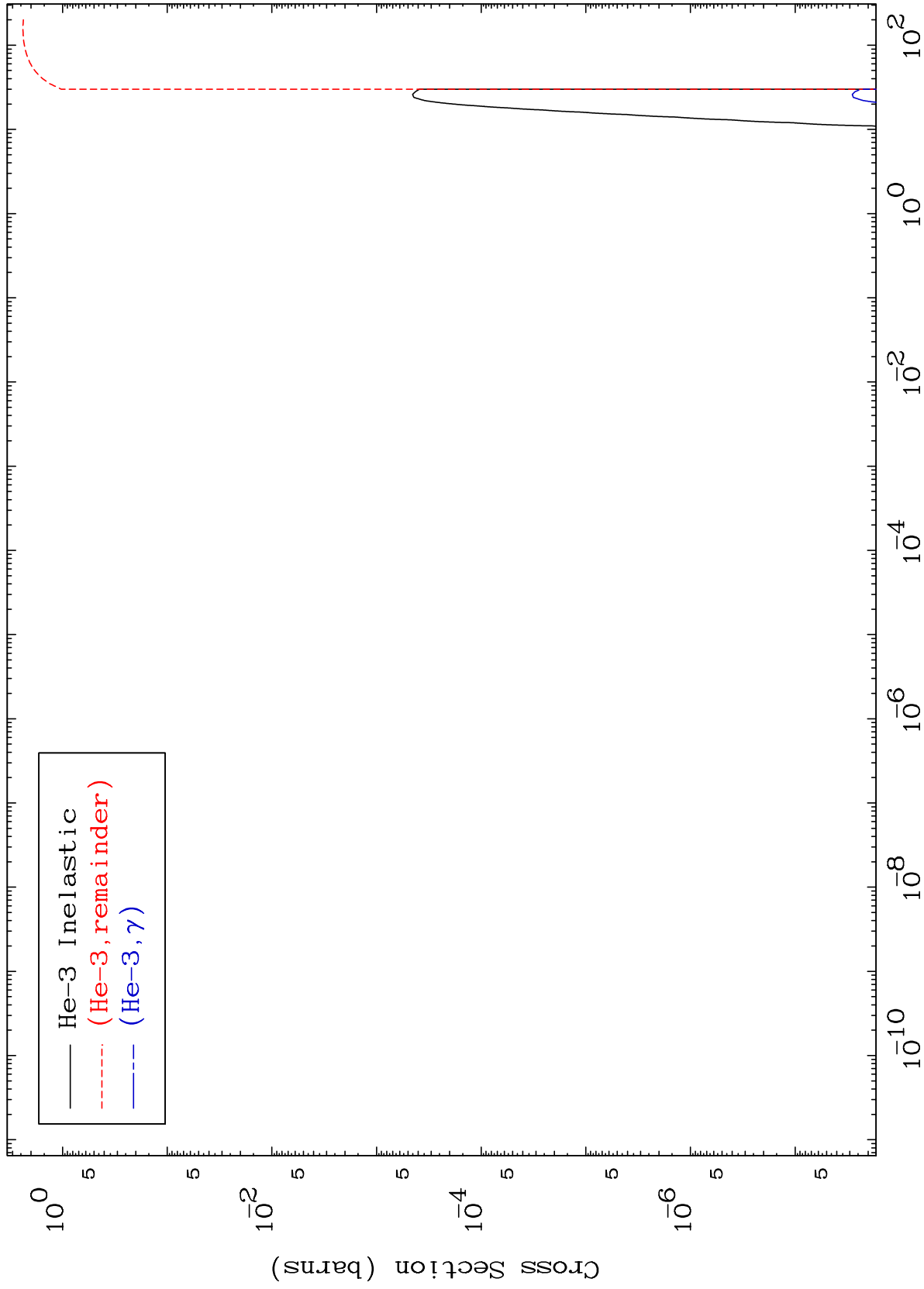
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7734

He-3 Major  
0 Kelvin Cross Sections

77-Ir-194



1

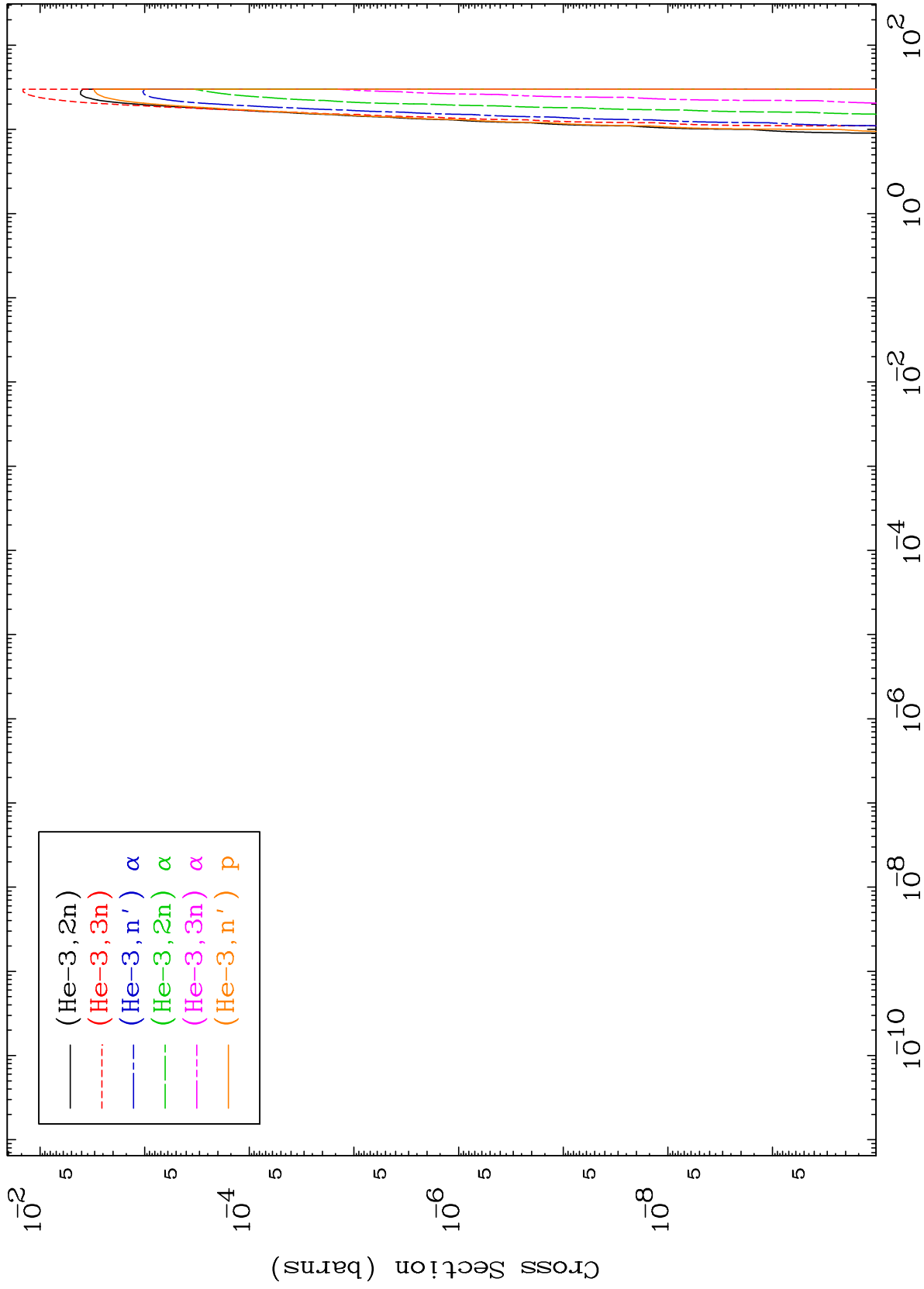
Incident Energy (MeV)

77-Ir-194

MAT 7734

He-3 Neutron Production  
0 Kelvin Cross Sections

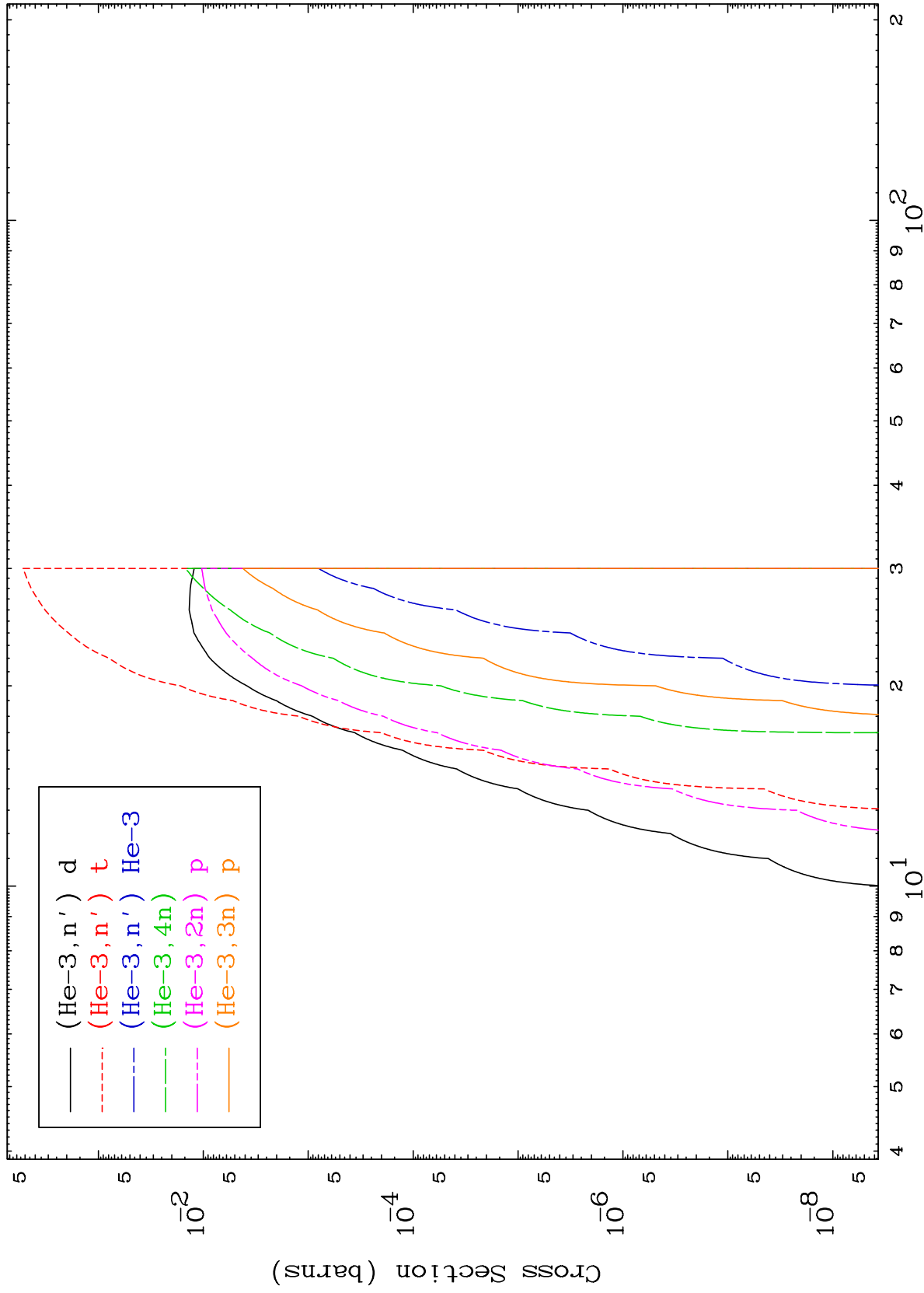
77-Ir-194

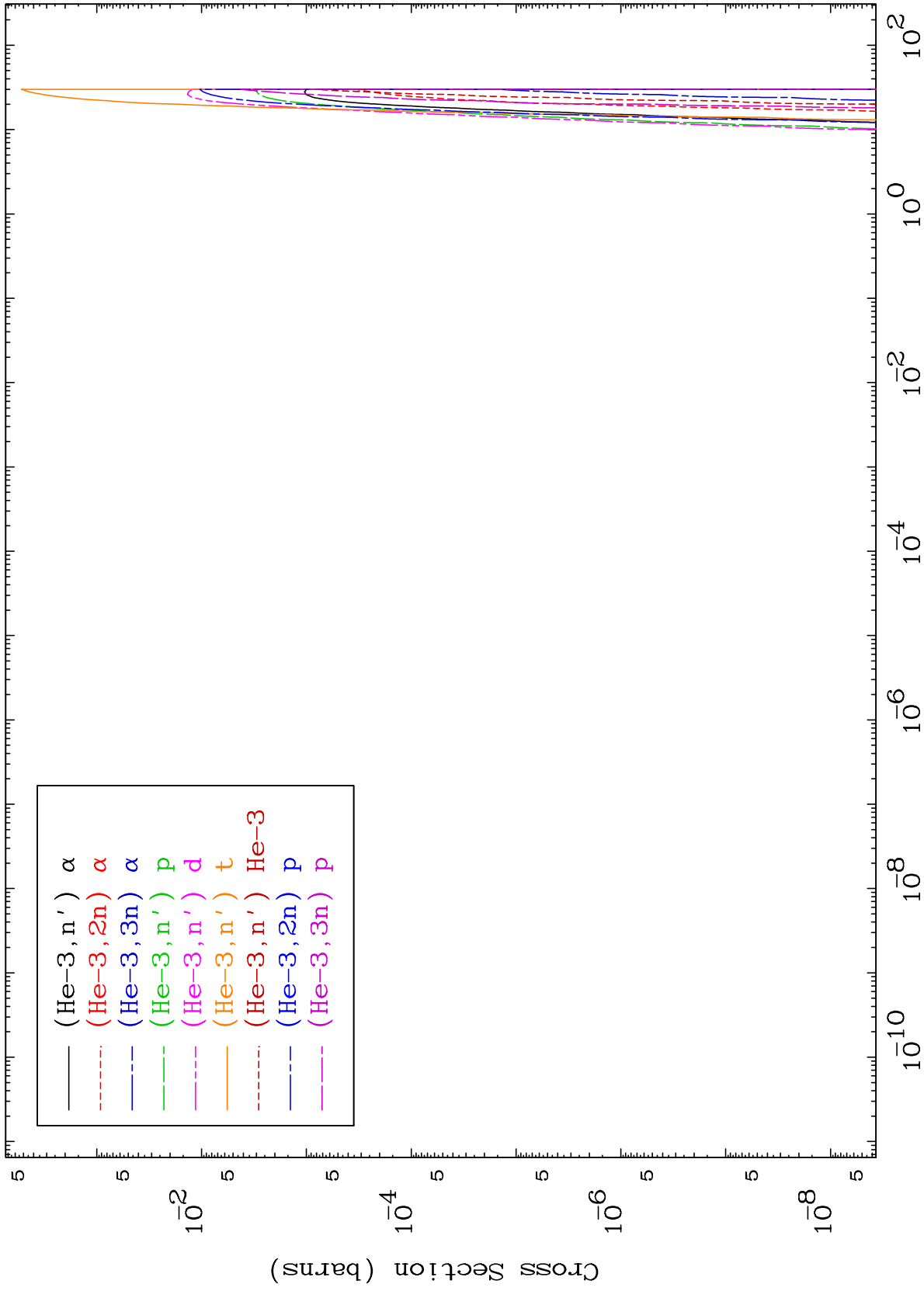


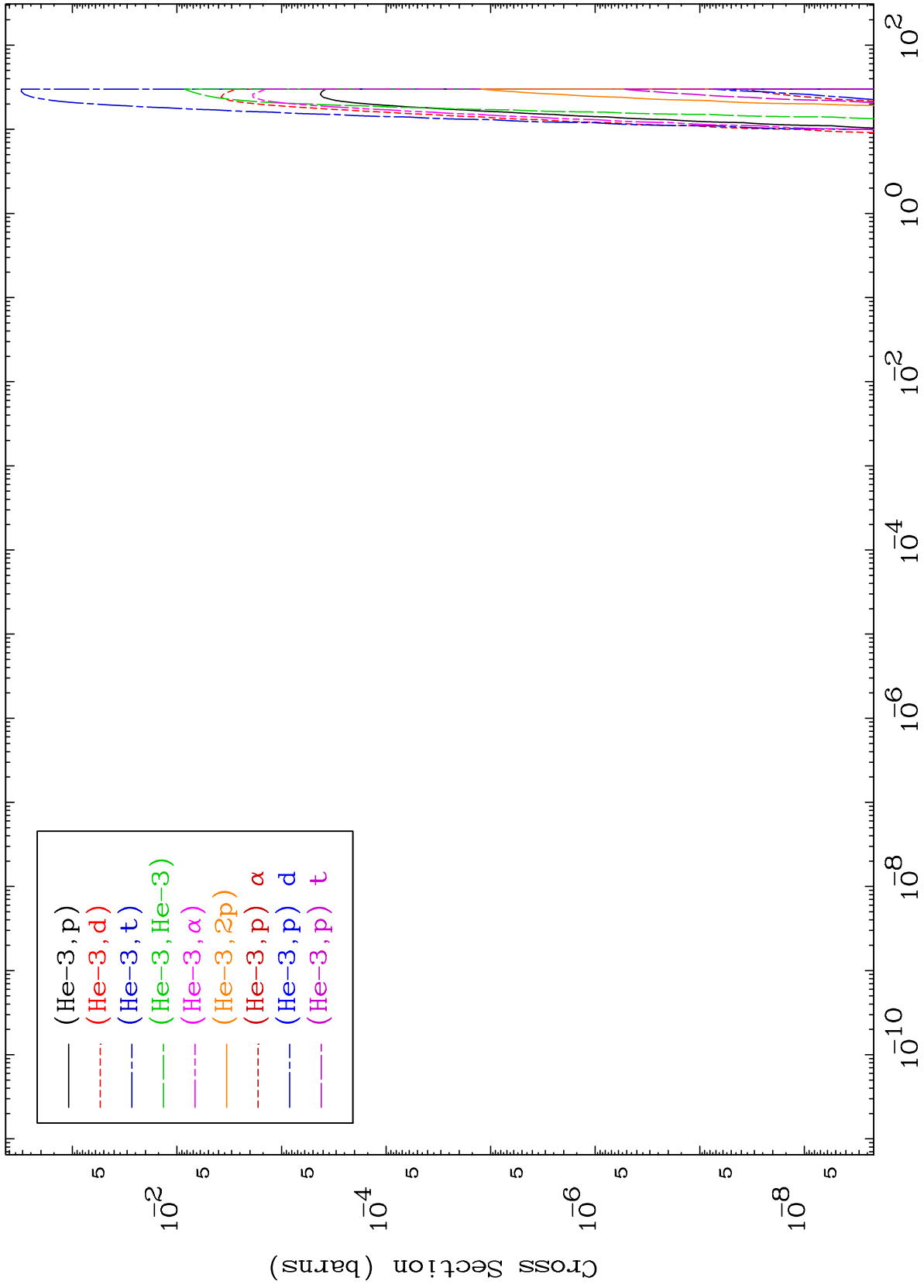
2

Incident Energy (MeV)

77-Ir-194



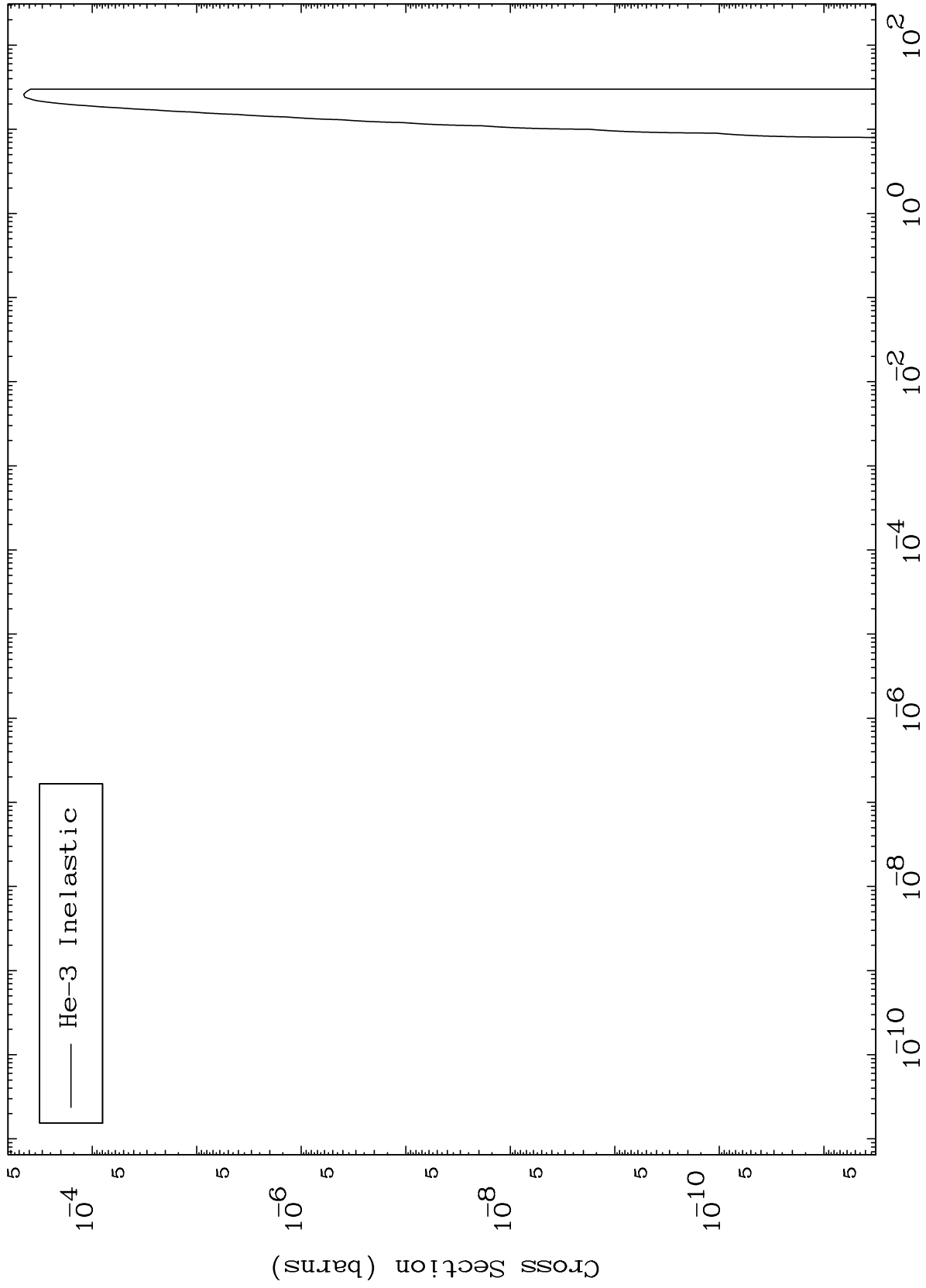




MAT 7734

(He-3, n') Level  
0 Kelvin Cross Sections

77-Ir-194



6

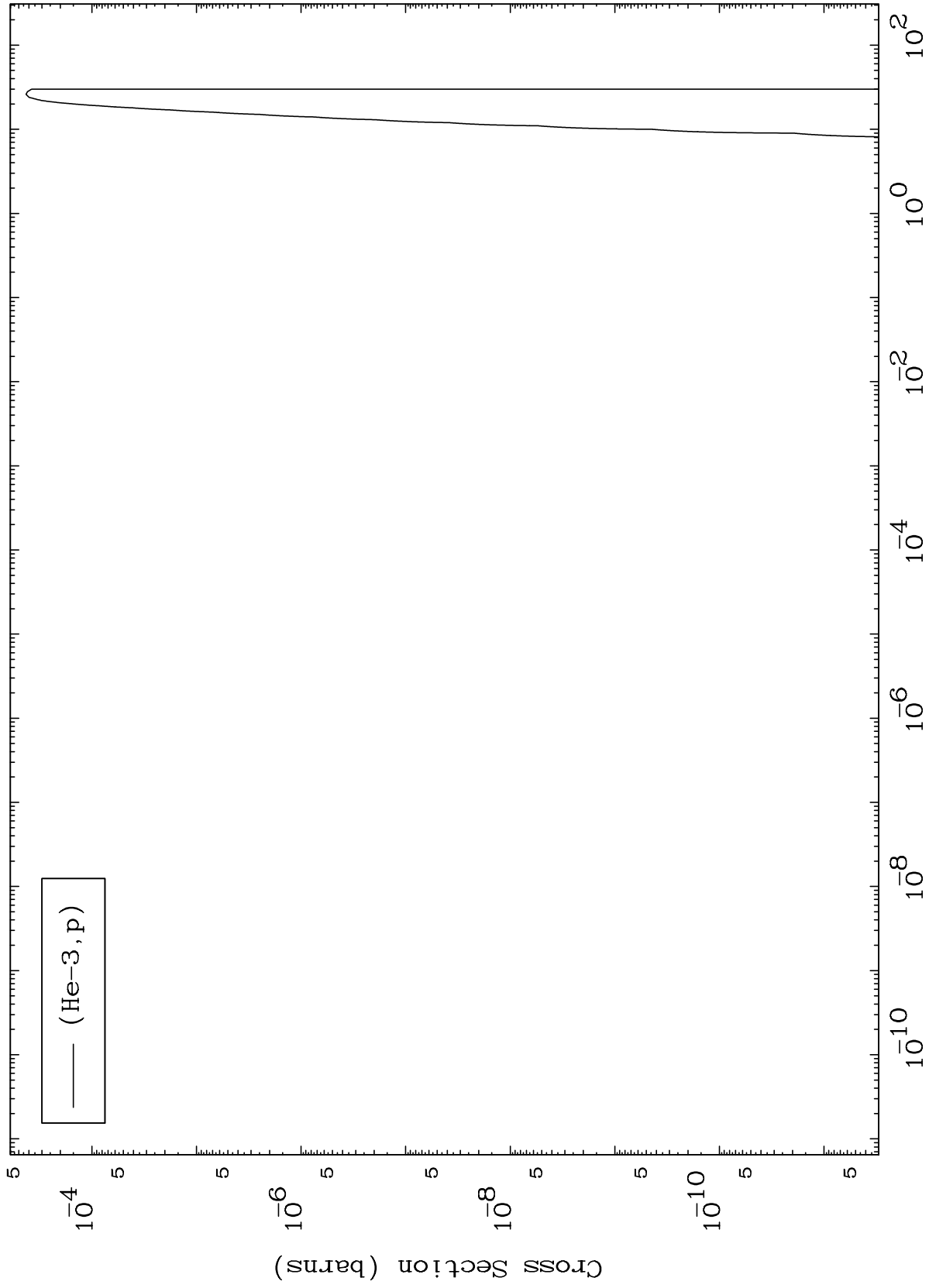
Incident Energy (MeV)

77-Ir-194

MAT 7734

(He-3,p) Levels  
0 Kelvin Cross Sections

77-Ir-194



7

Incident Energy (MeV)

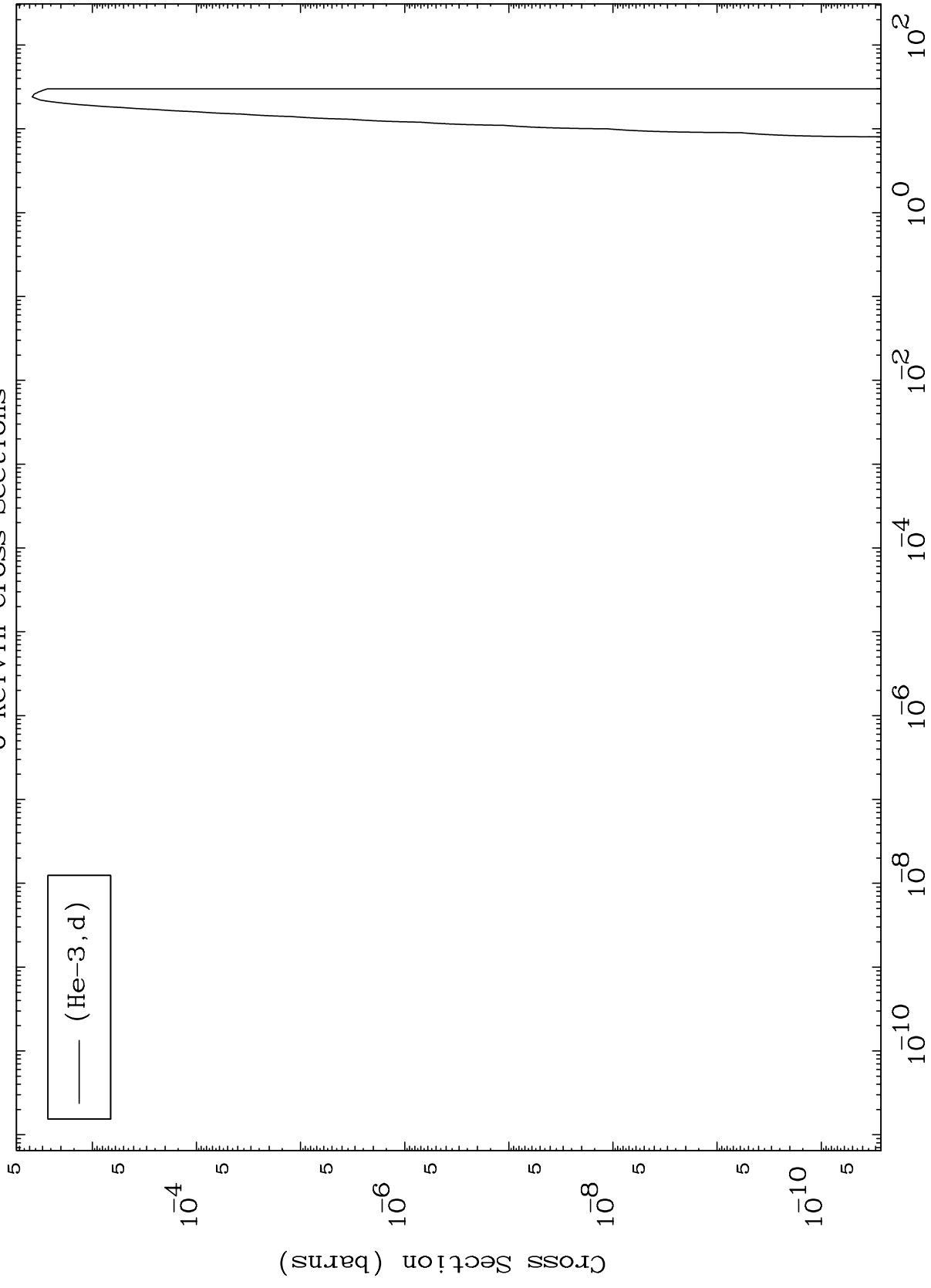
77-Ir-194



MAT 7734

(He-3,d) Levels  
0 Kelvin Cross Sections

77-Ir-194

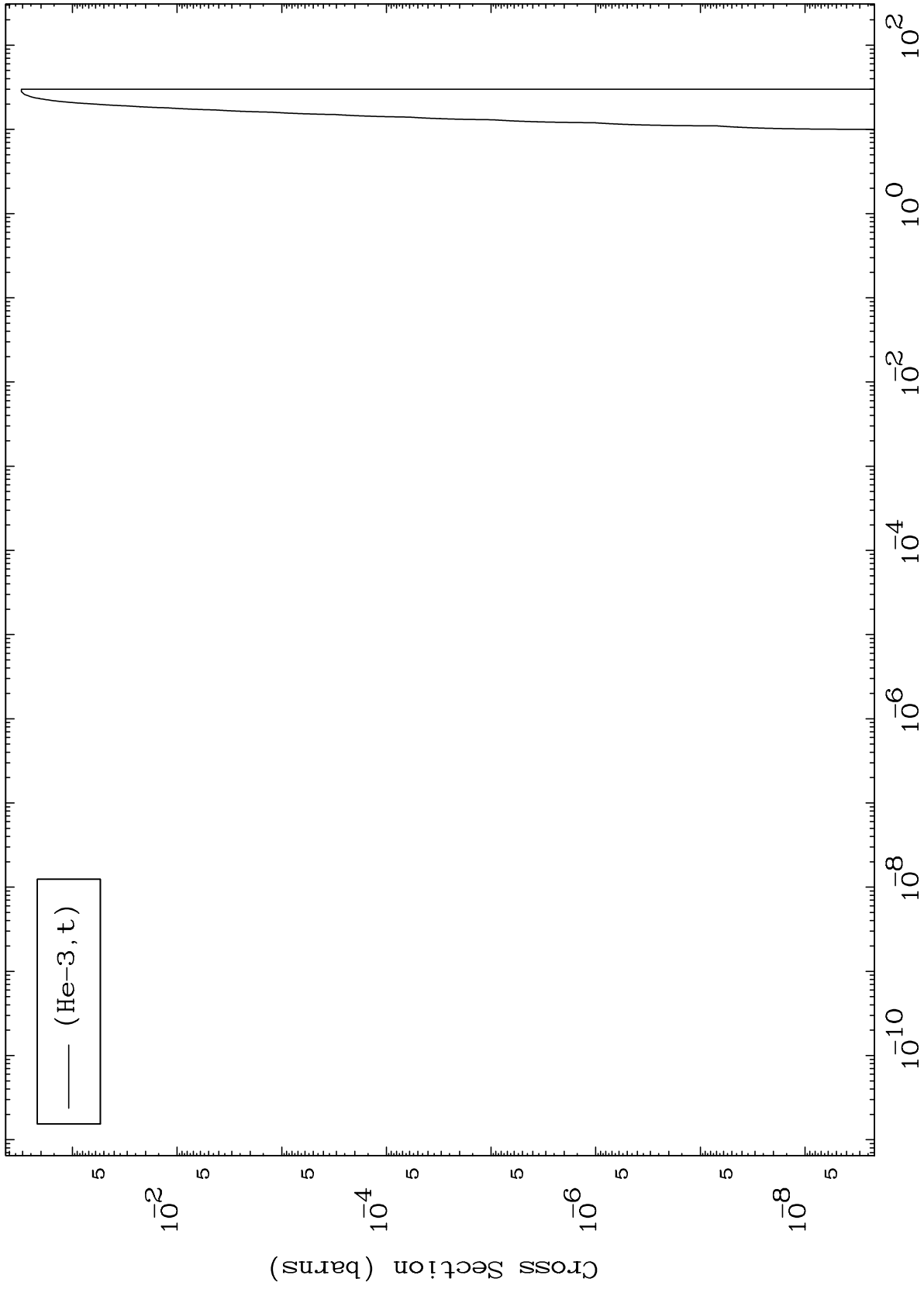


77-Ir-194

MAT 7734

(He-3,t) Levels  
0 Kelvin Cross Sections

77-Ir-194



9

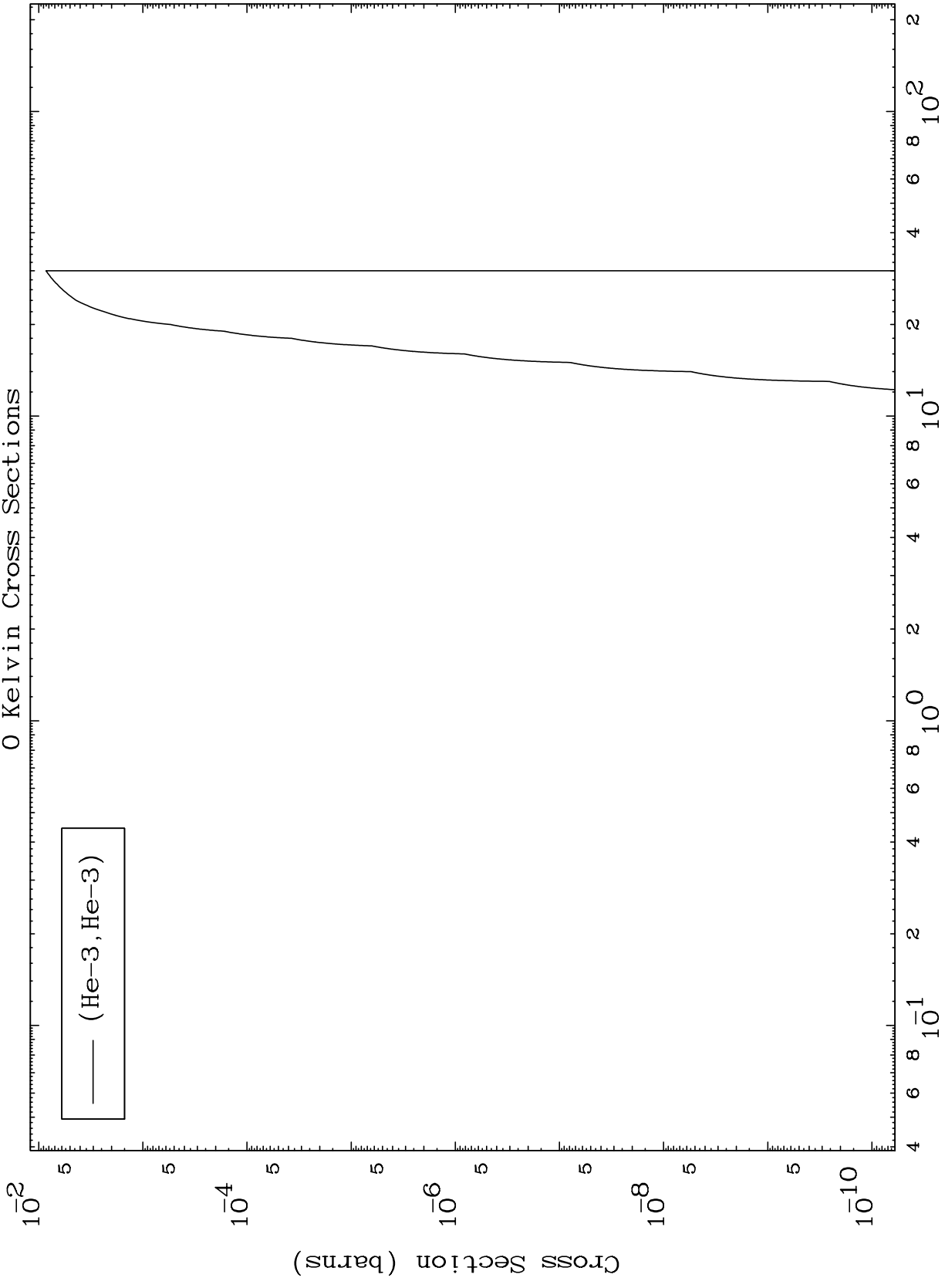
Incident Energy (MeV)

77-Ir-194

MAT 7734

(He-3, He3) Levels  
0 Kelvin Cross Sections

77-Ir-194



10

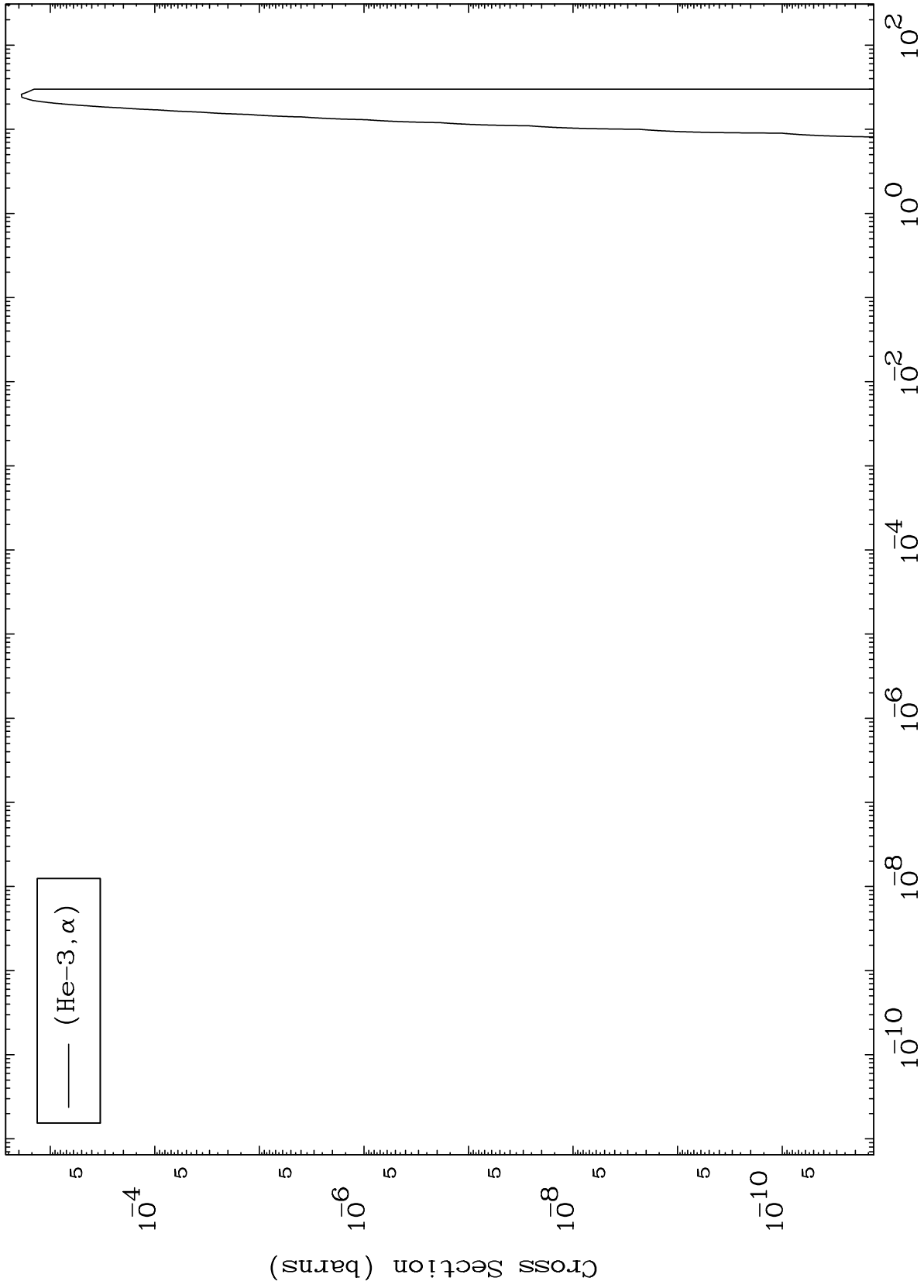
Incident Energy (MeV)

77-Ir-194

MAT 7734

(He-3,  $\alpha$ ) Levels  
0 Kelvin Cross Sections

77-Ir-194



11

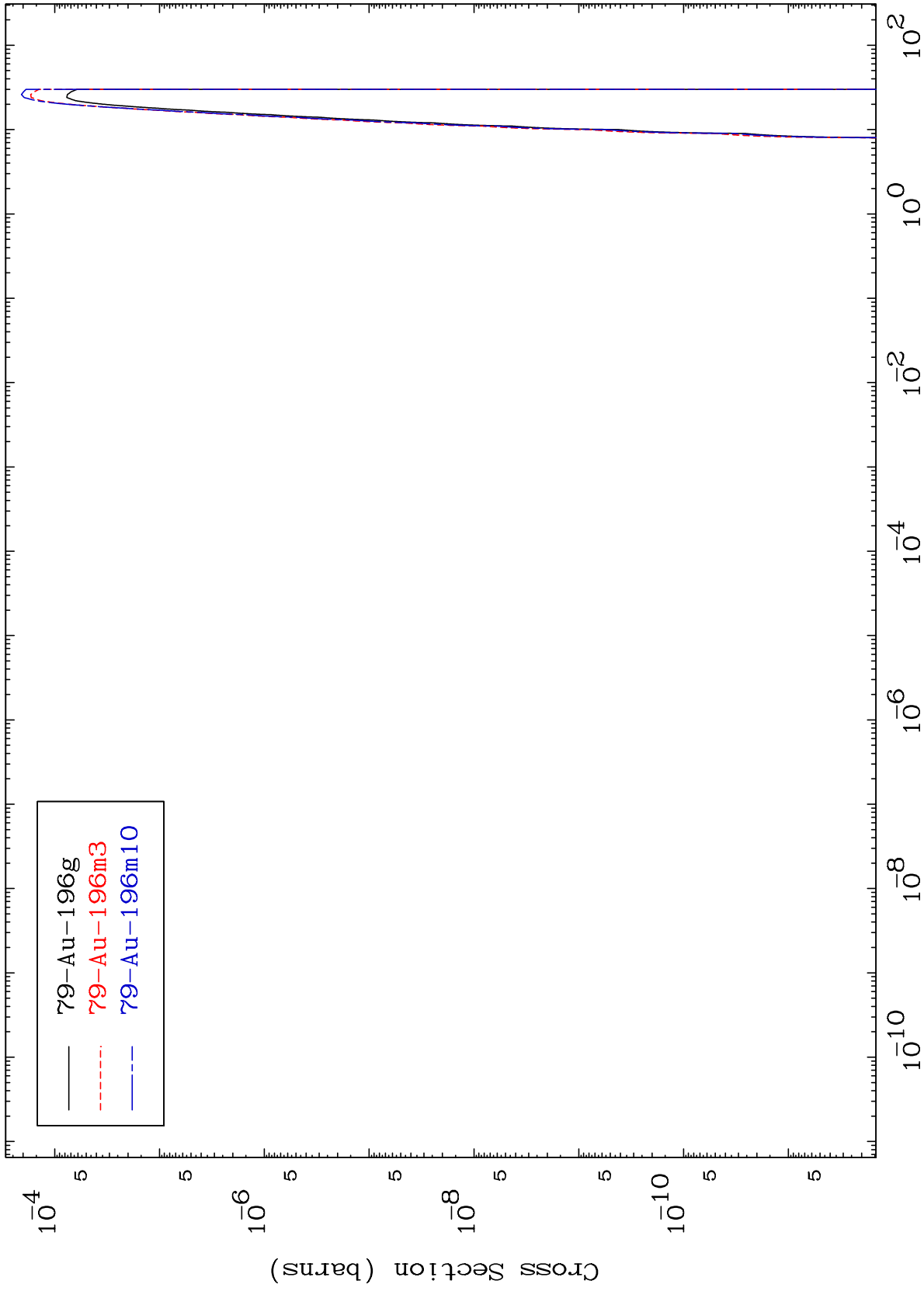
Incident Energy (MeV)

77-Ir-194

MAT 7734

He-3 Inelastic  
Radionuclide Production Cross Section

77-Ir-194

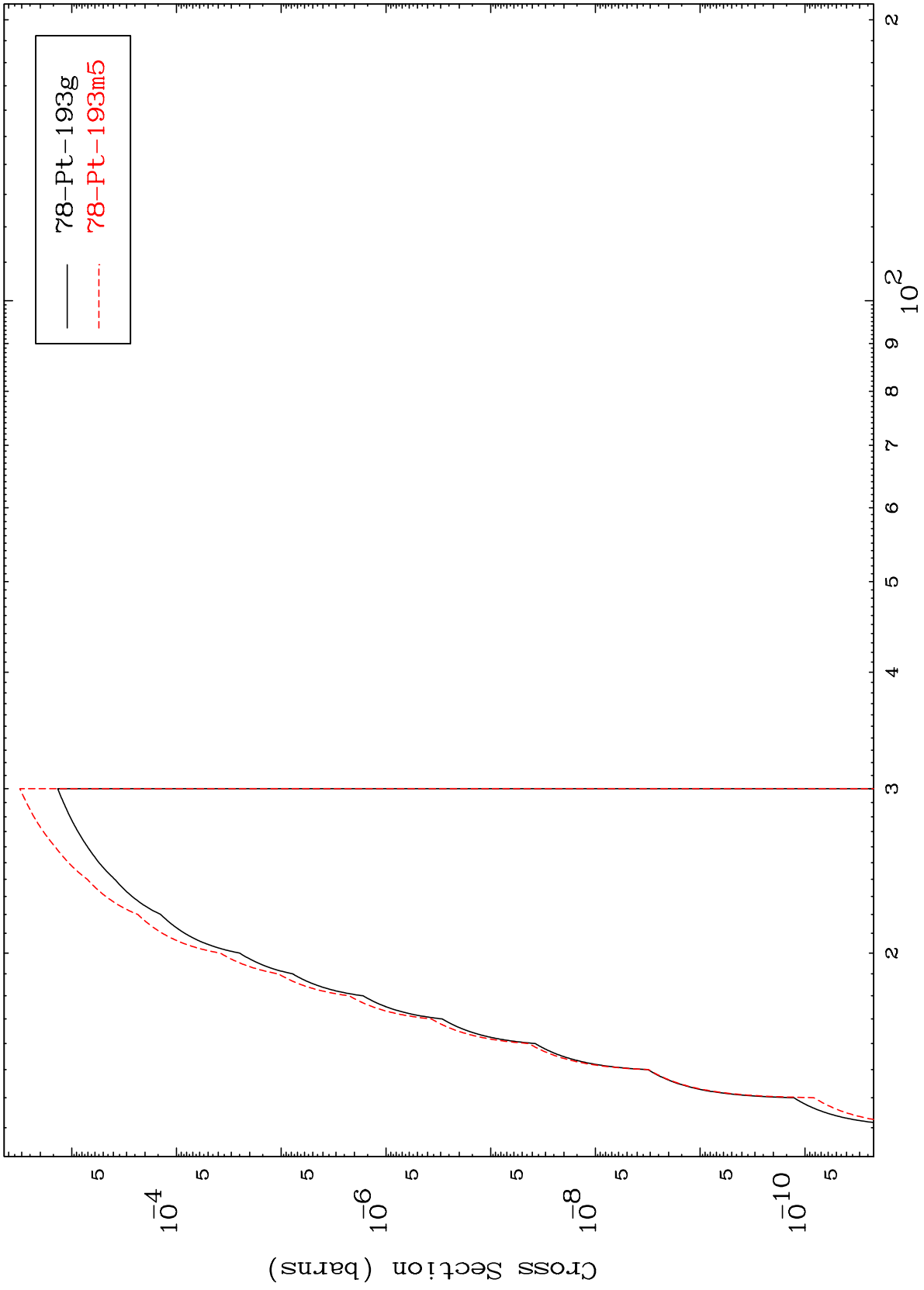


MAT 7734

(He-3,2n) d

77-Ir-194

Radionuclide Production Cross Section



13

Incident Energy (MeV)

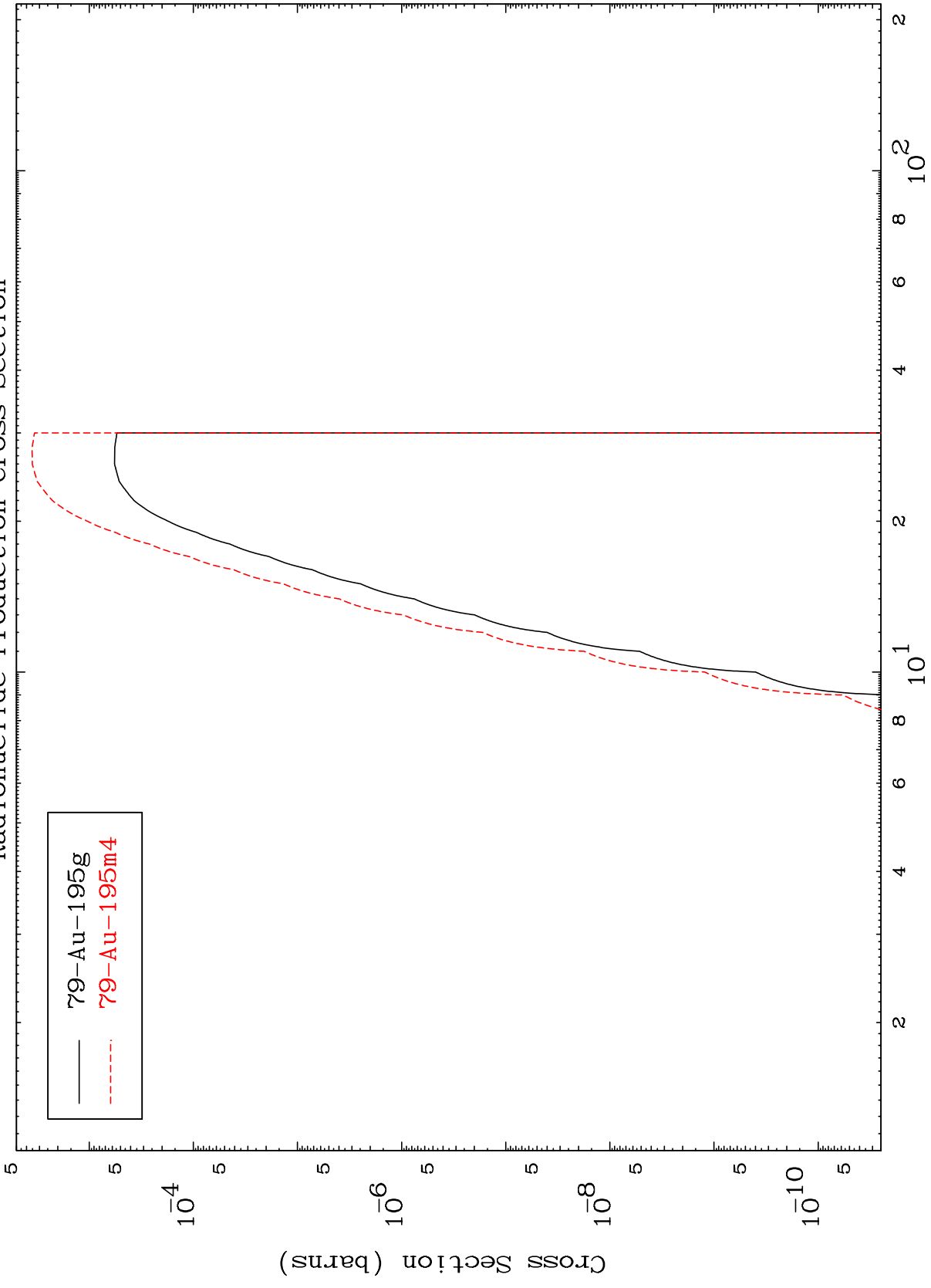
77-Ir-194

MAT 7734

(He-3,2n)

77-Ir-194

Radionuclide Production Cross Section



14

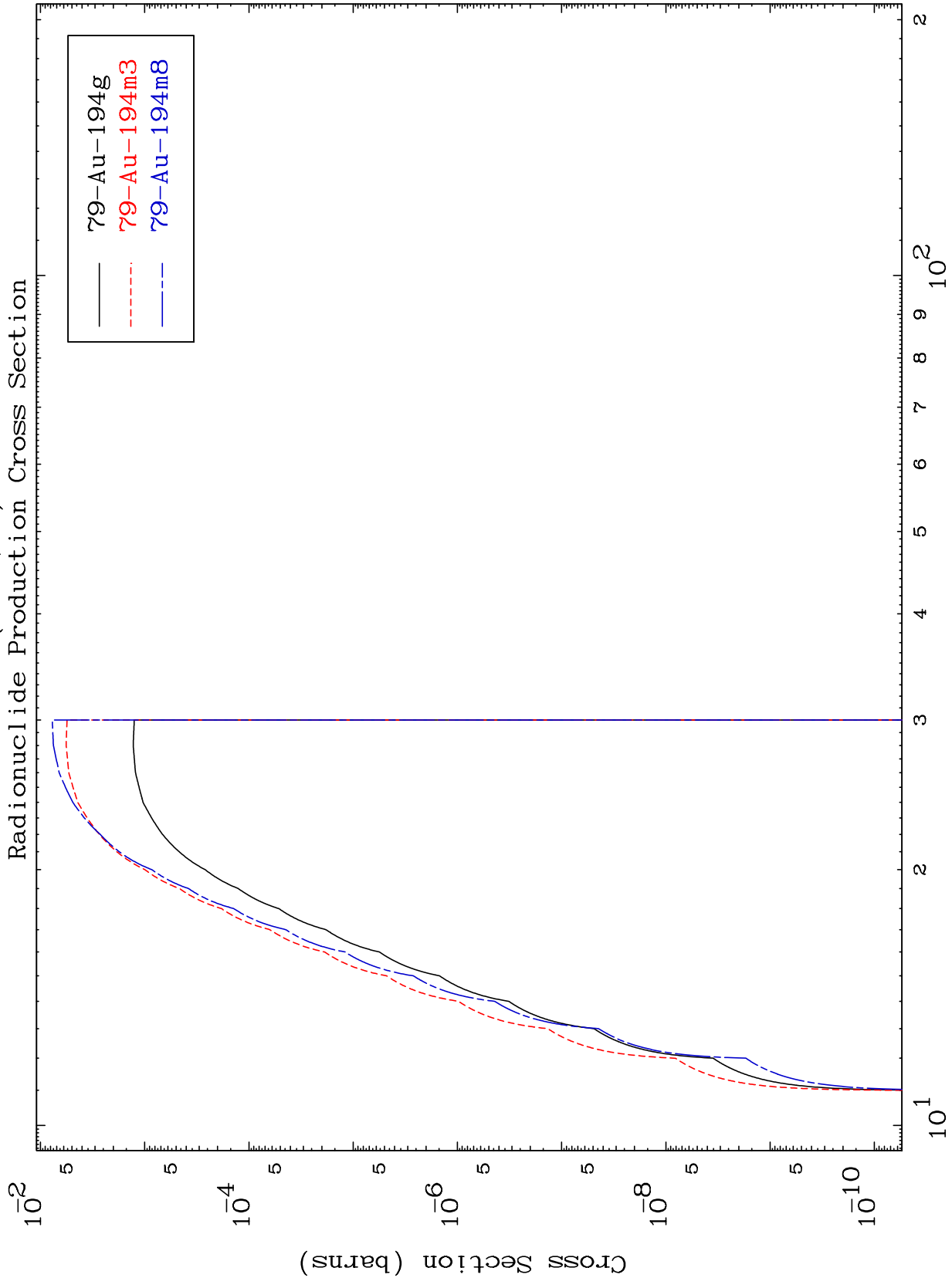
Incident Energy (MeV)

77-Ir-194

MAT 7734

(He-3,3n)

77-Ir-194



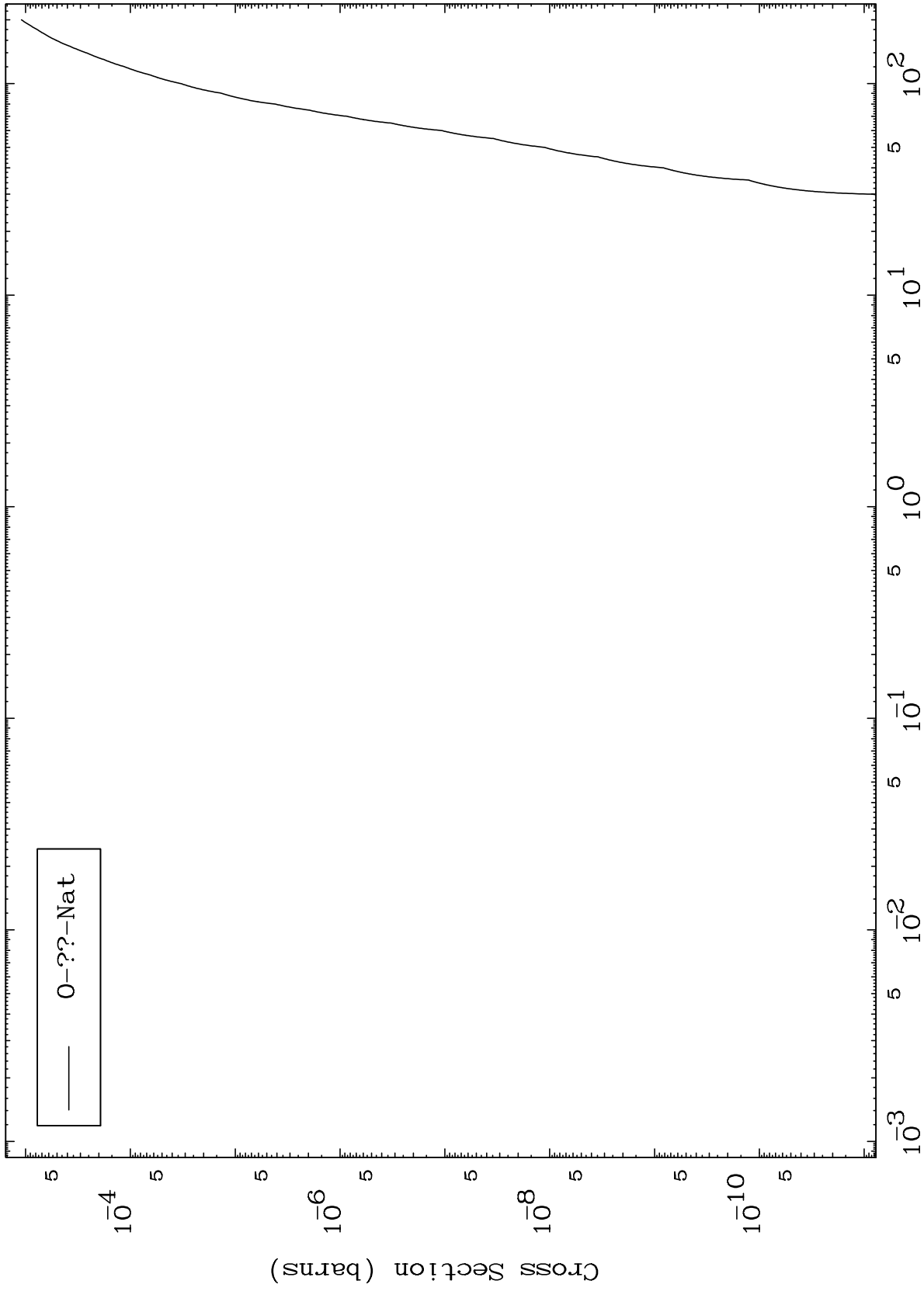
77-Ir-194



MAT 7734

He-3 Fission  
Radionuclide Production Cross Section

77-Ir-194



Incident Energy (MeV)

77-Ir-194

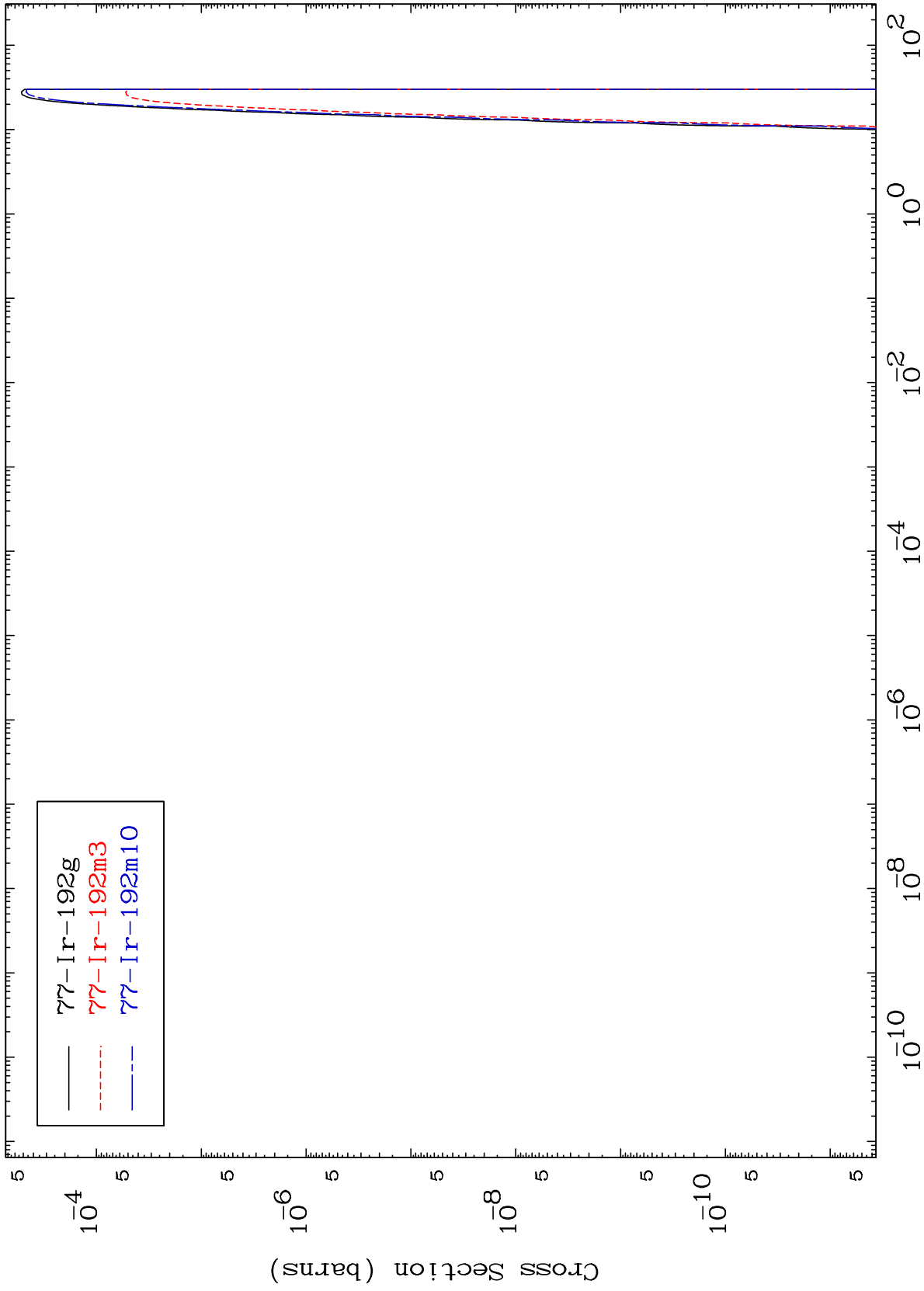
16

MAT 7734

(He-3, n')  $\alpha$

77-Ir-194

Radionuclide Production Cross Section



17

Incident Energy (MeV)

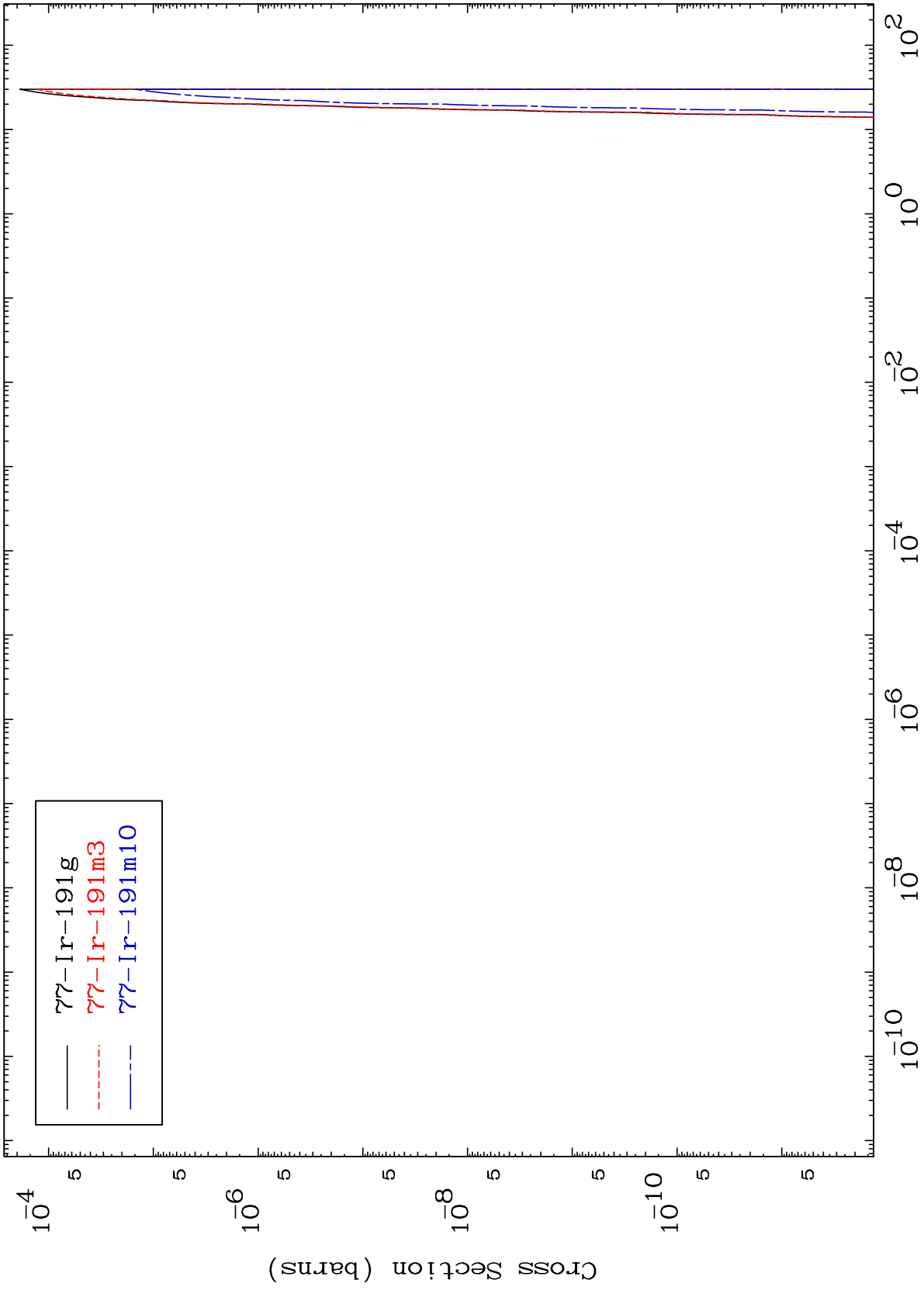
77-Ir-194

MAT 7734

(He-3,2n)  $\alpha$

<sup>77</sup>Ir-194

Radionuclide Production Cross Section



18

Incident Energy (MeV)

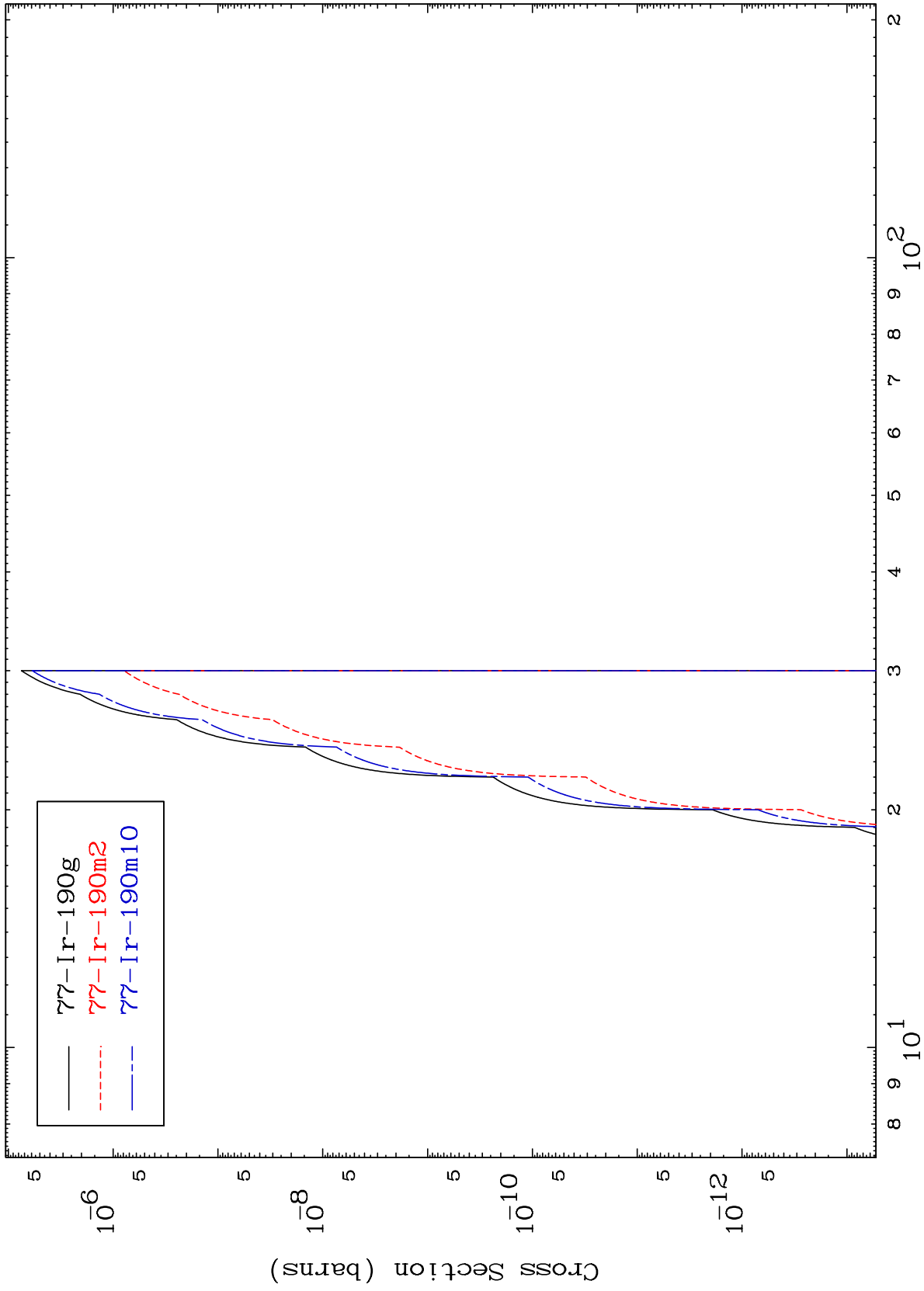
<sup>77</sup>Ir-194

MAT 7734

(He-3,3n)  $\alpha$

77-Ir-194

Radionuclide Production Cross Section



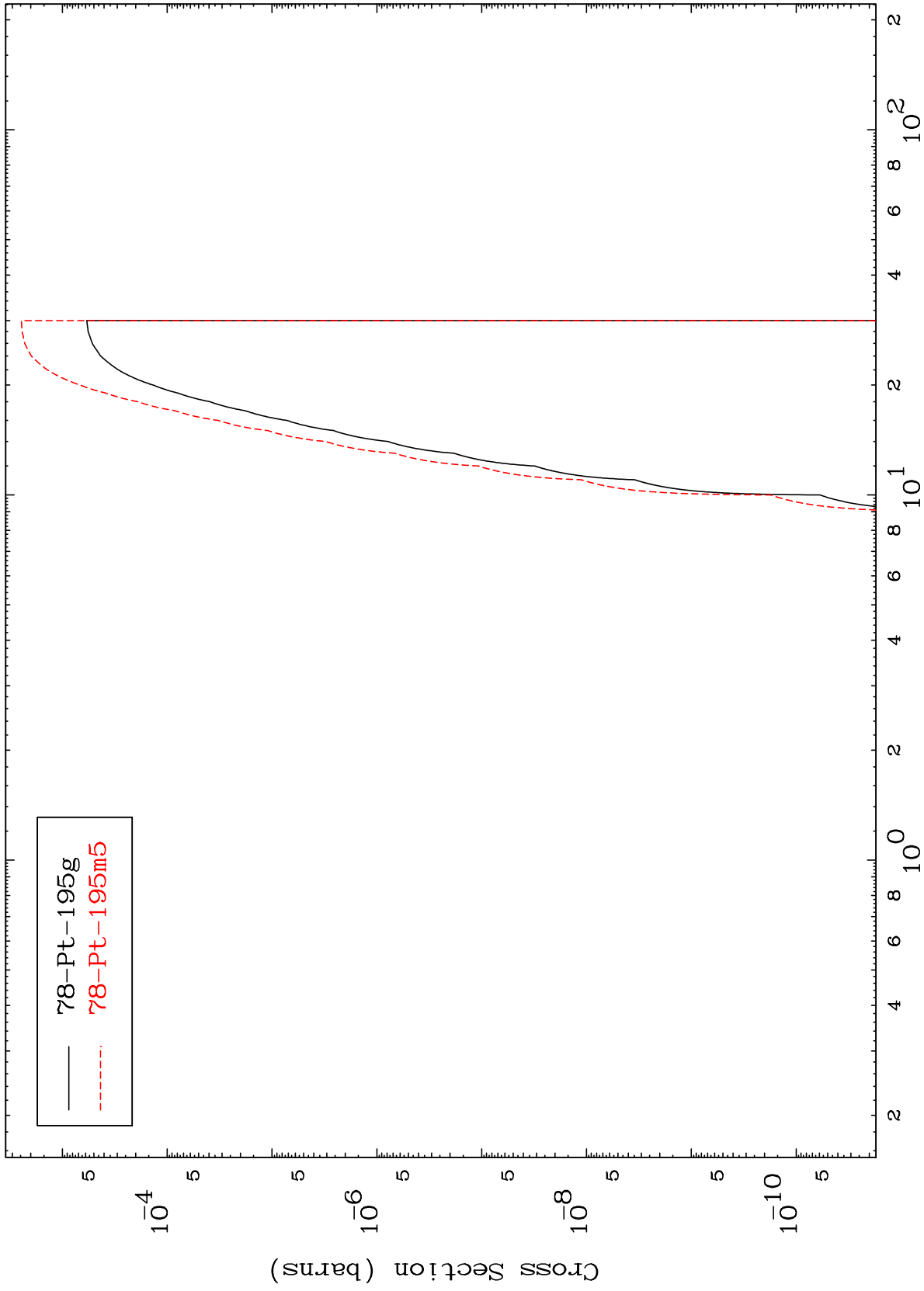
19

MAT 7734

(He-3, n') p

77-Ir-194

Radionuclide Production Cross Section



20

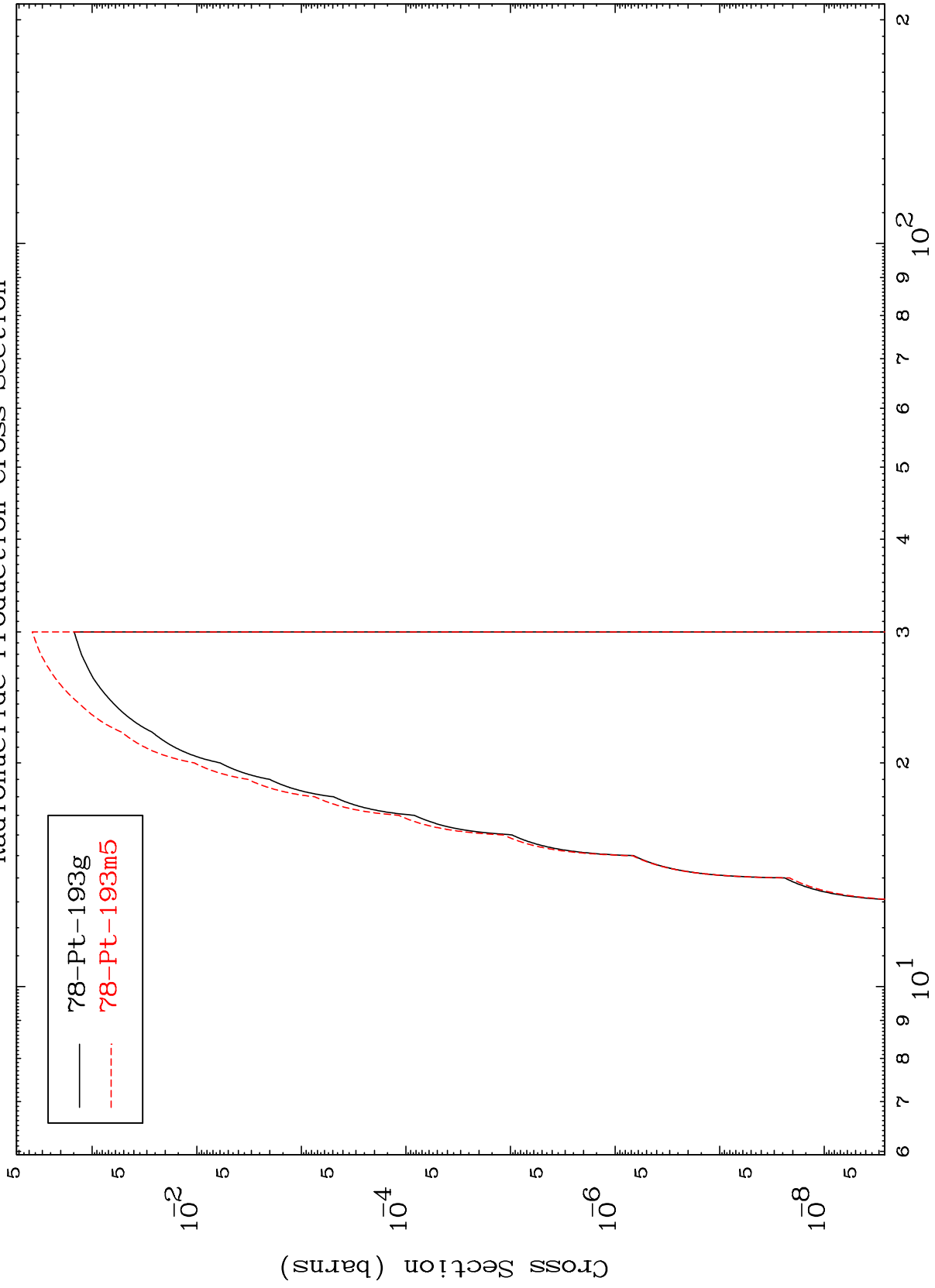
Incident Energy (MeV)

77-Ir-194

MAT 7734

77-Ir-194

(He-3, n') t  
Radionuclide Production Cross Section



21

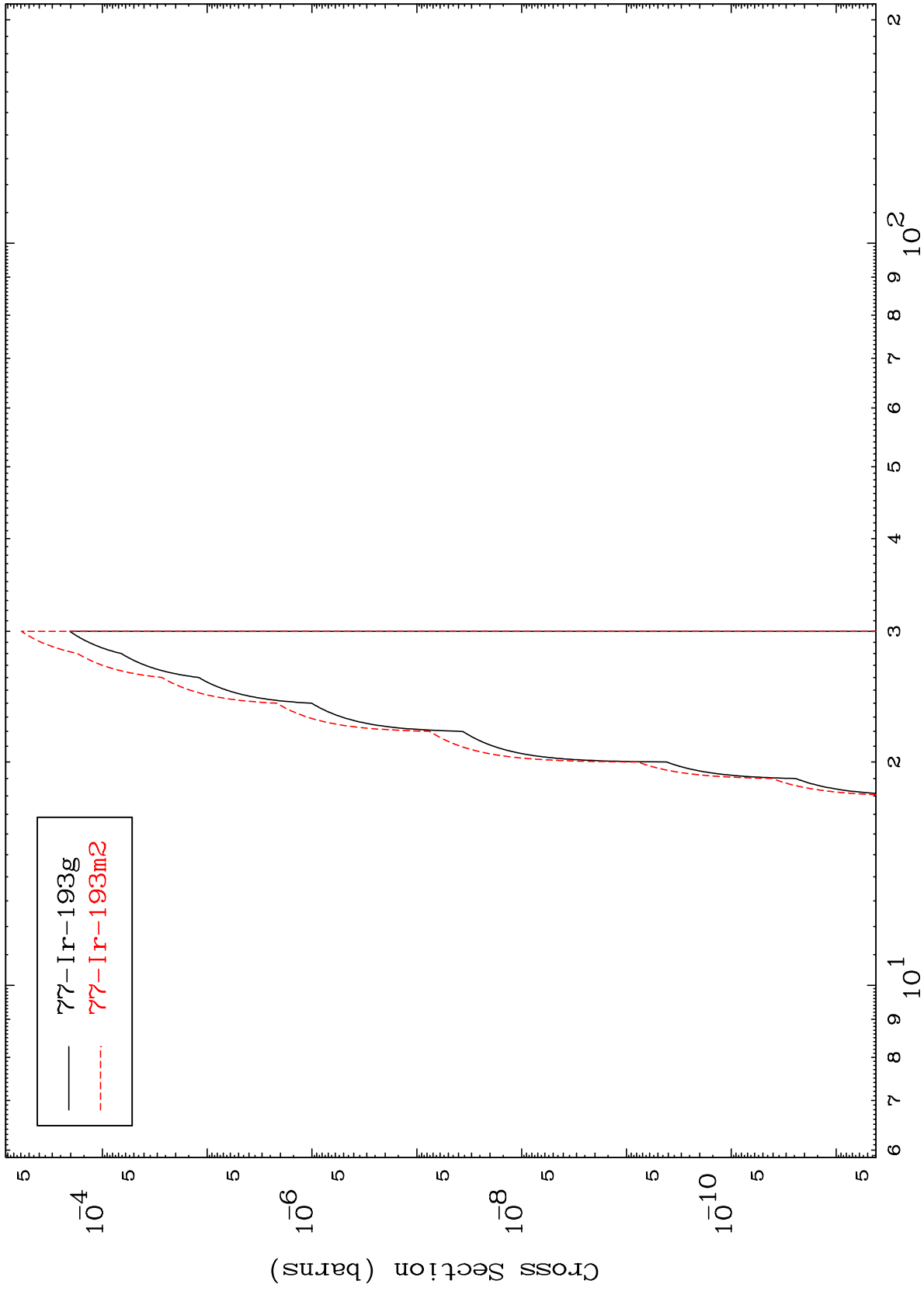
77-Ir-194

MAT 7734

(He-3, n') He-3

77-Ir-194

Radionuclide Production Cross Section



22

Incident Energy (MeV)

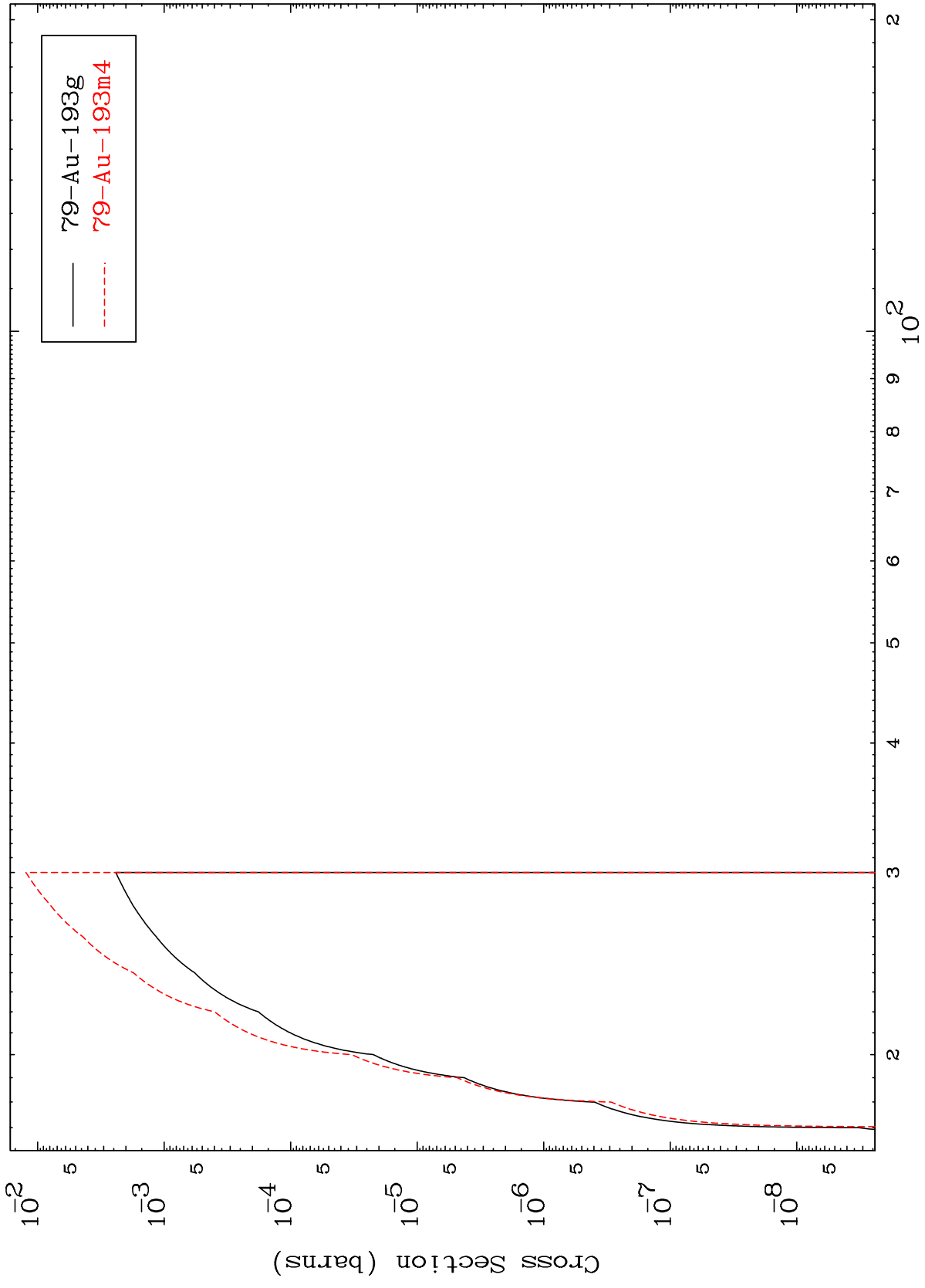
77-Ir-194

MAT 7734

(He-3,4n)

77-Ir-194

Radionuclide Production Cross Section



23

Incident Energy (MeV)

77-Ir-194

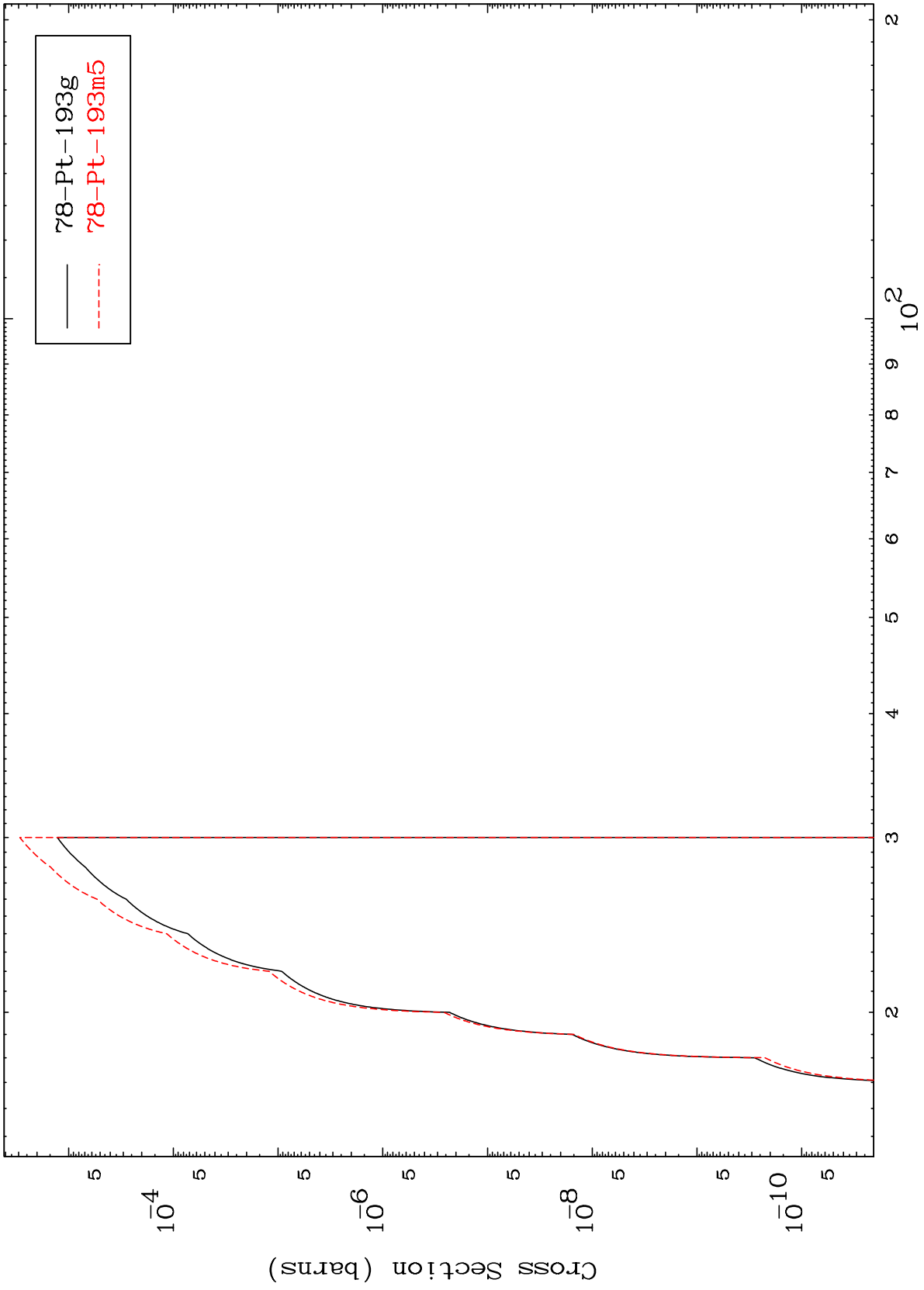


MAT 7734

(He-3,3n) p

77-Ir-194

Radionuclide Production Cross Section



24

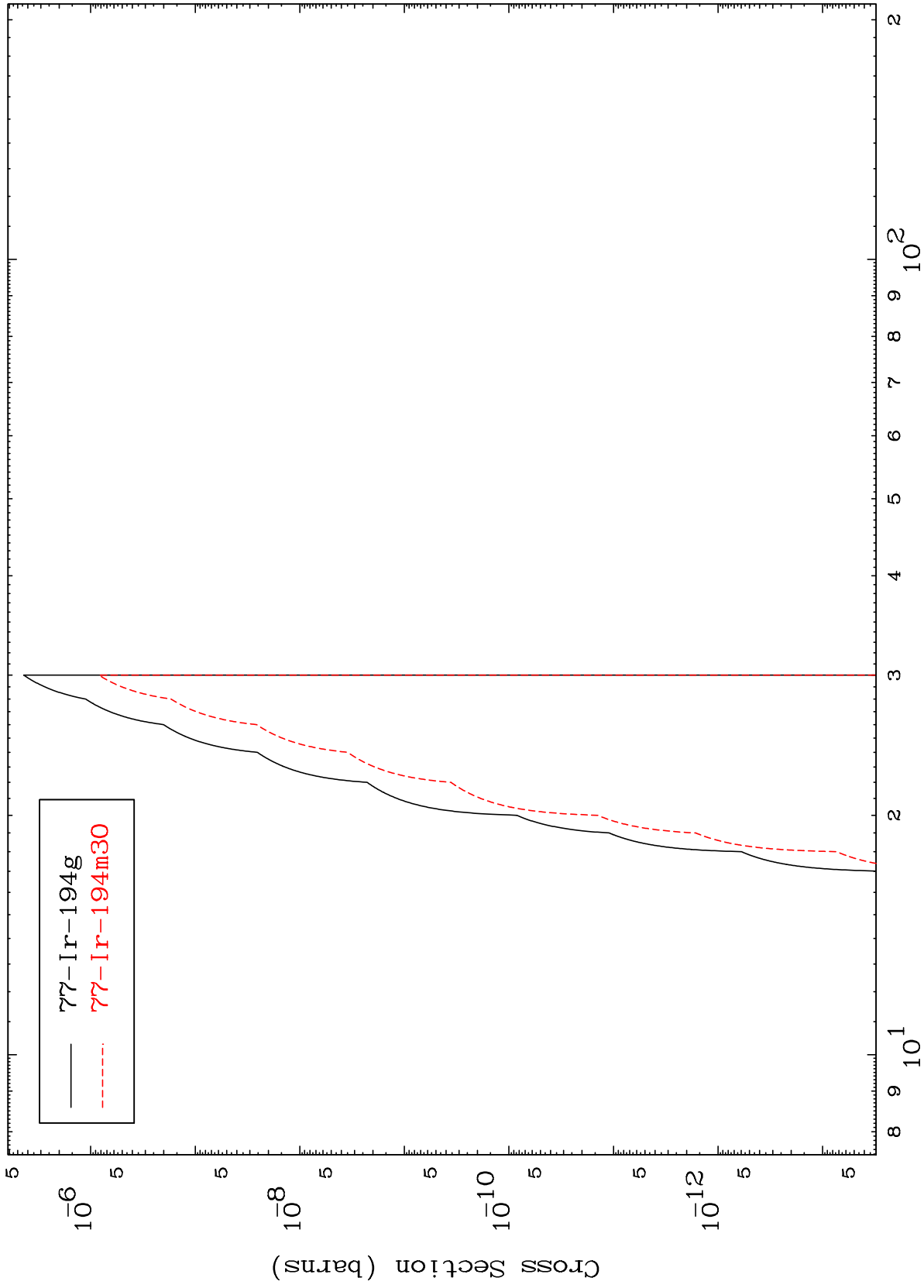
Incident Energy (MeV)

77-Ir-194

MAT 7734

(He-3,2n) p  
Radionuclide Production Cross Section

77-Ir-194



25

Incident Energy (MeV)

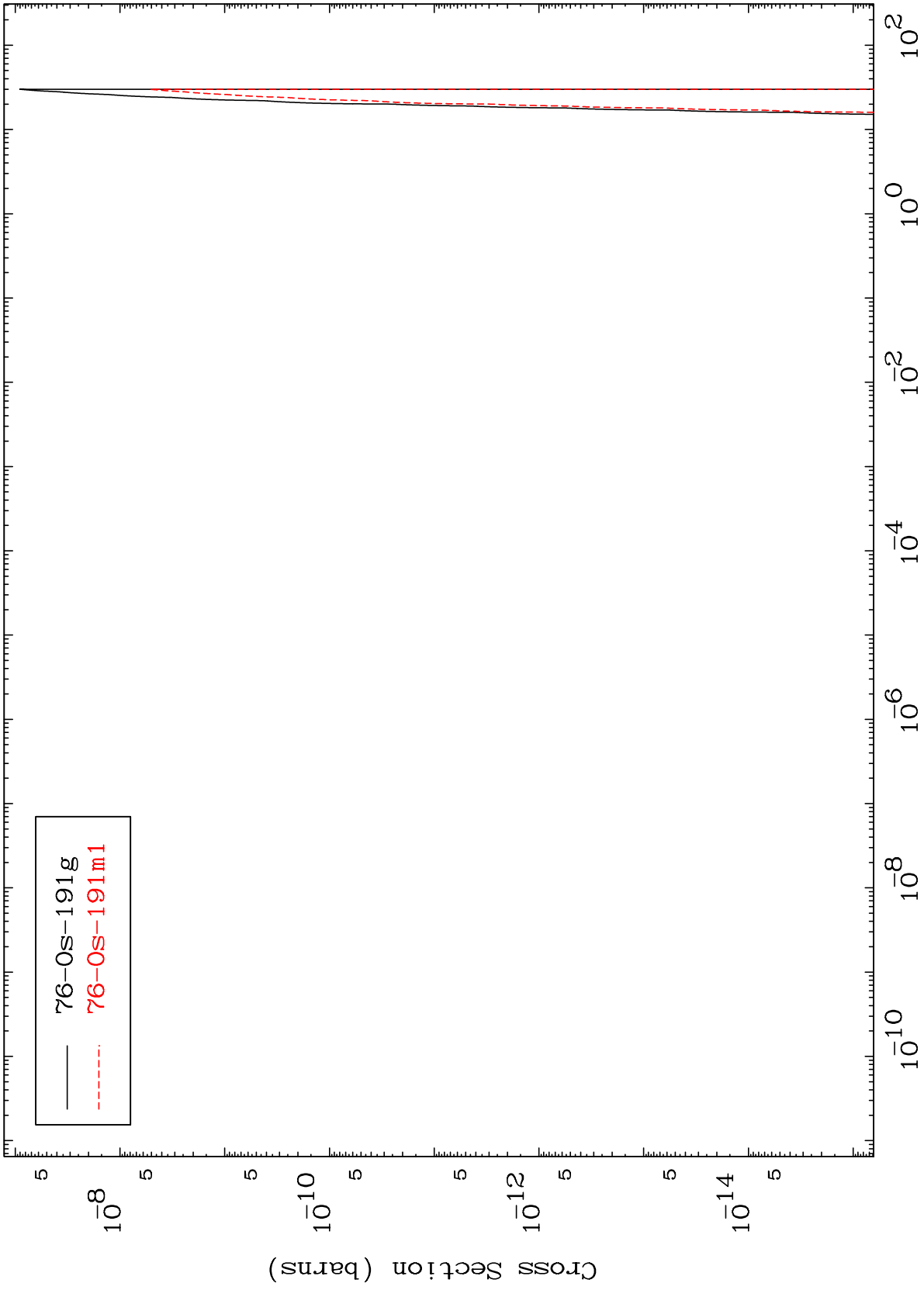
77-Ir-194

MAT 7734

(He-3,n') p  $\alpha$

77-Ir-194

Radionuclide Production Cross Section

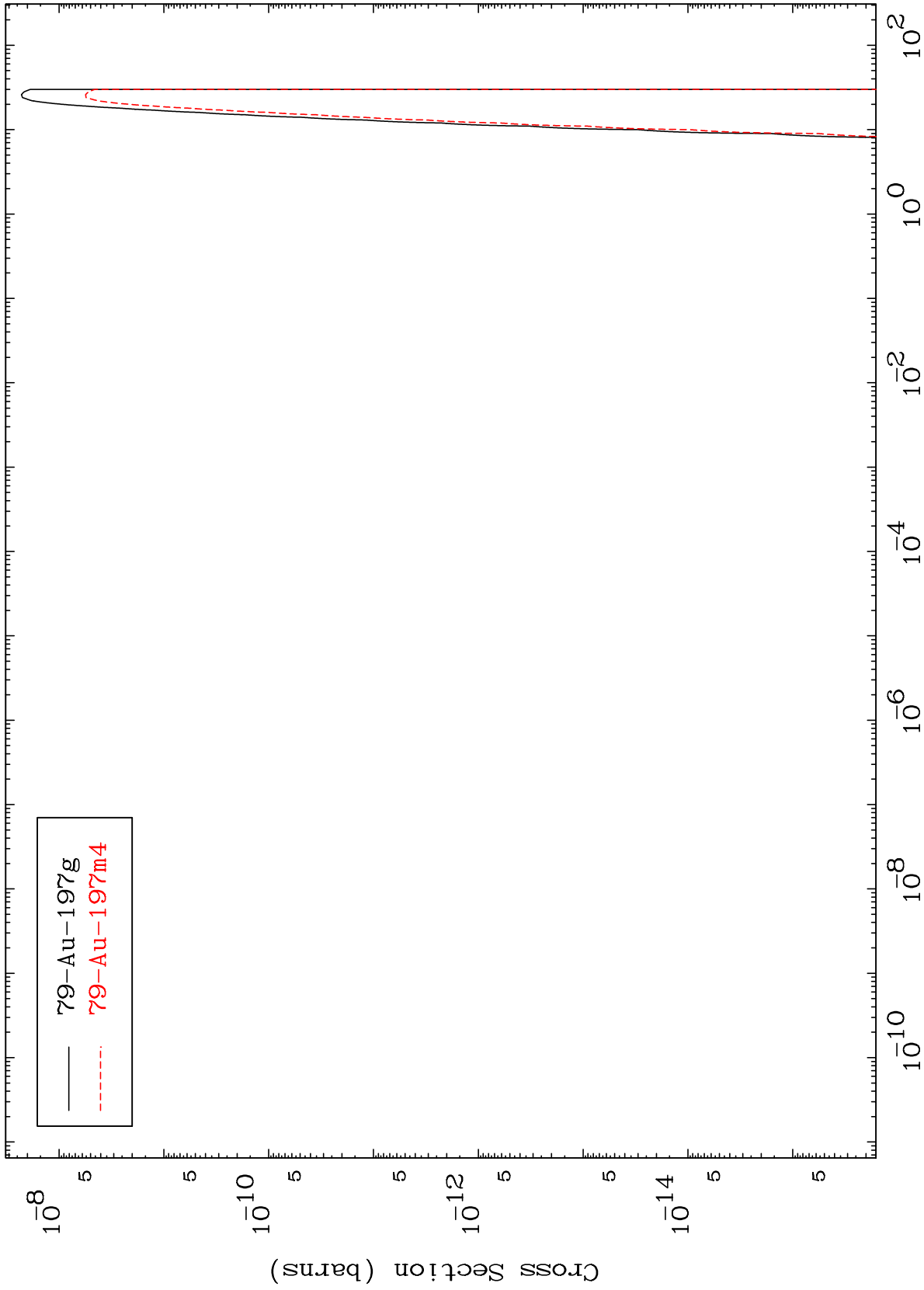


MAT 7734

(He-3,γ)

77-Ir-194

Radionuclide Production Cross Section



27

Incident Energy (MeV)

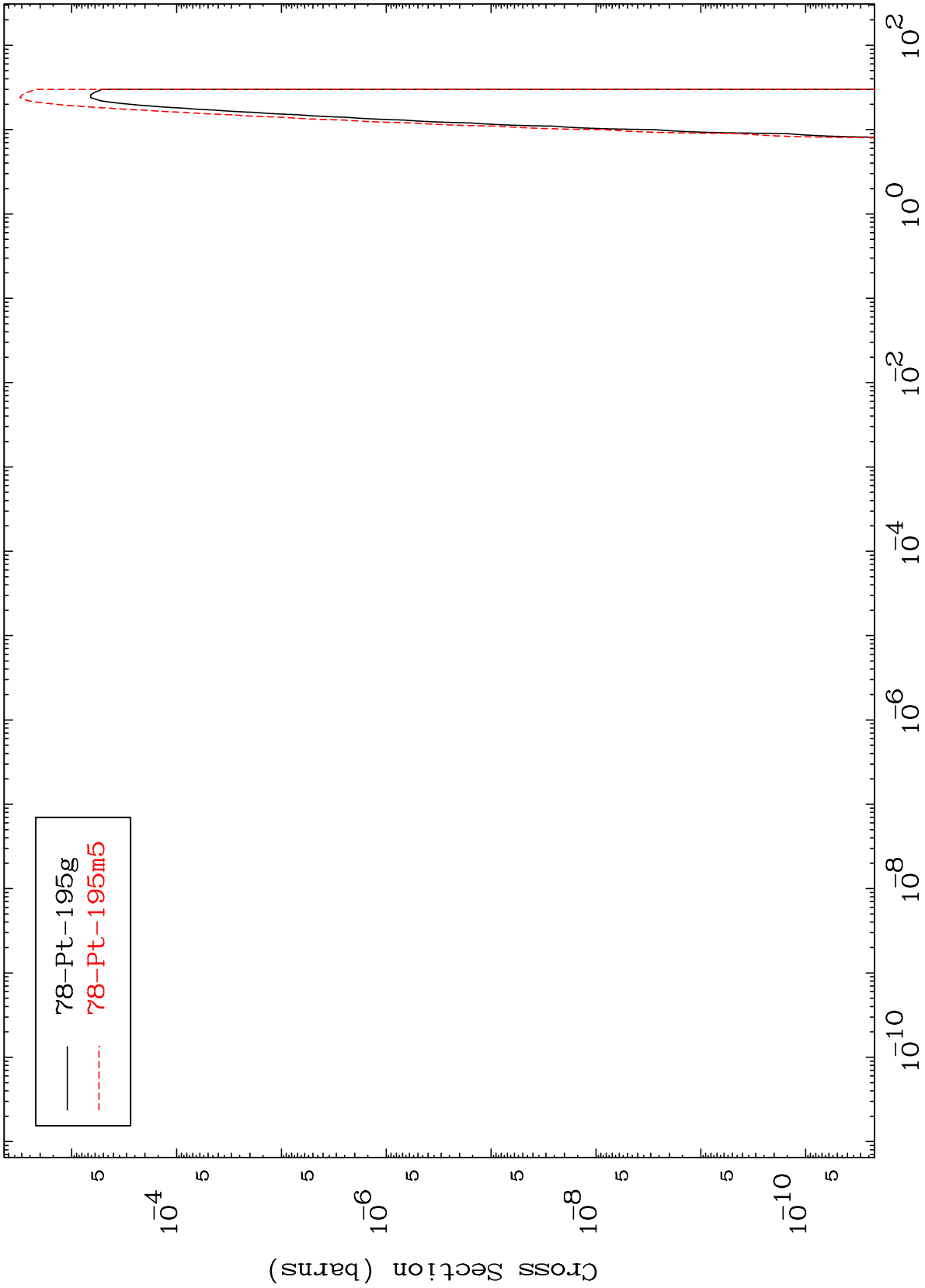
77-Ir-194

MAT 7734

(He-3,d)

77-Ir-194

Radionuclide Production Cross Section



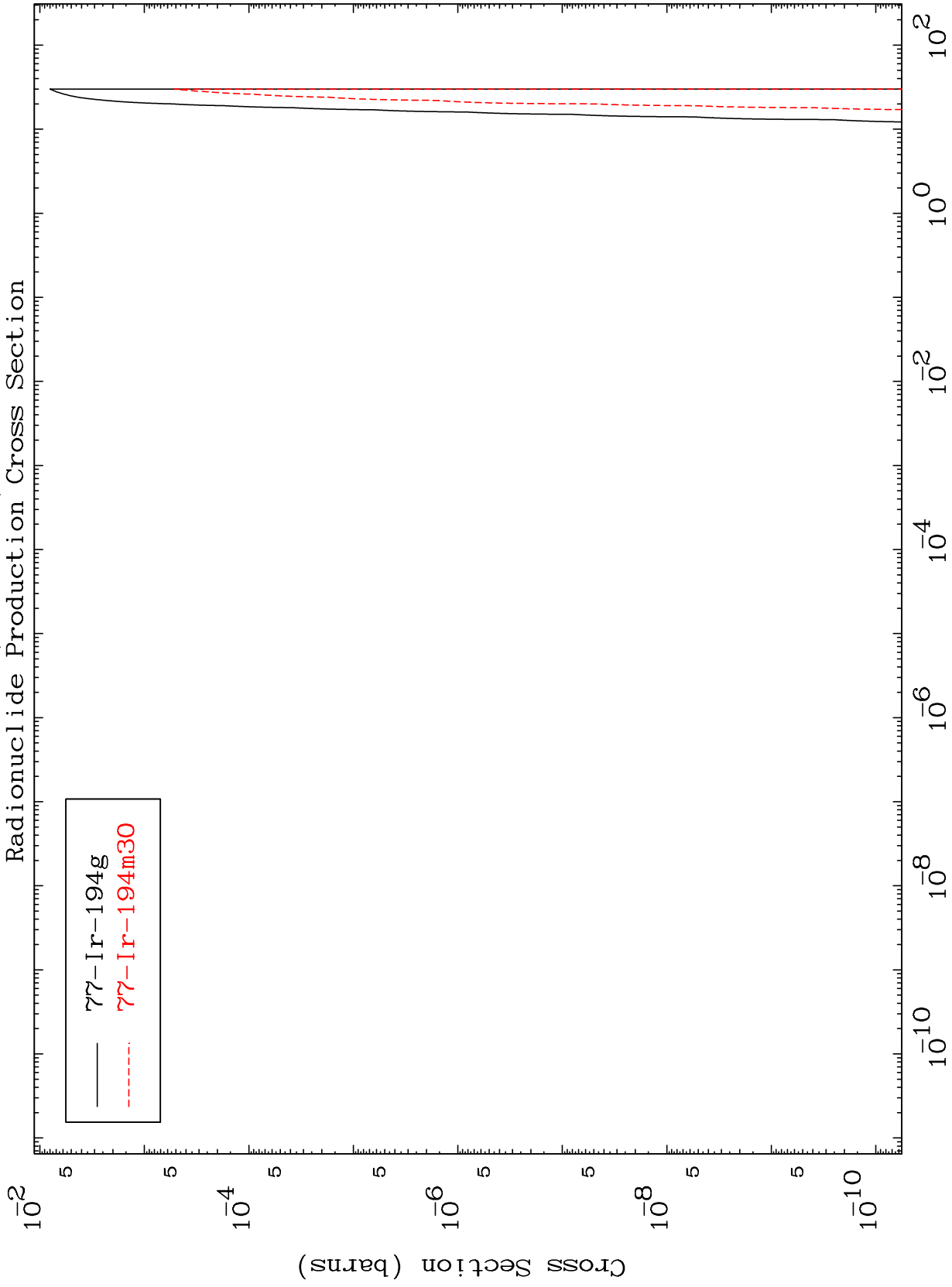
— 78-Pt-195g  
- - - 78-Pt-195m5

MAT 7734

(He-3, He-3)

77-Ir-194

Radionuclide Production Cross Section



29

Incident Energy (MeV)

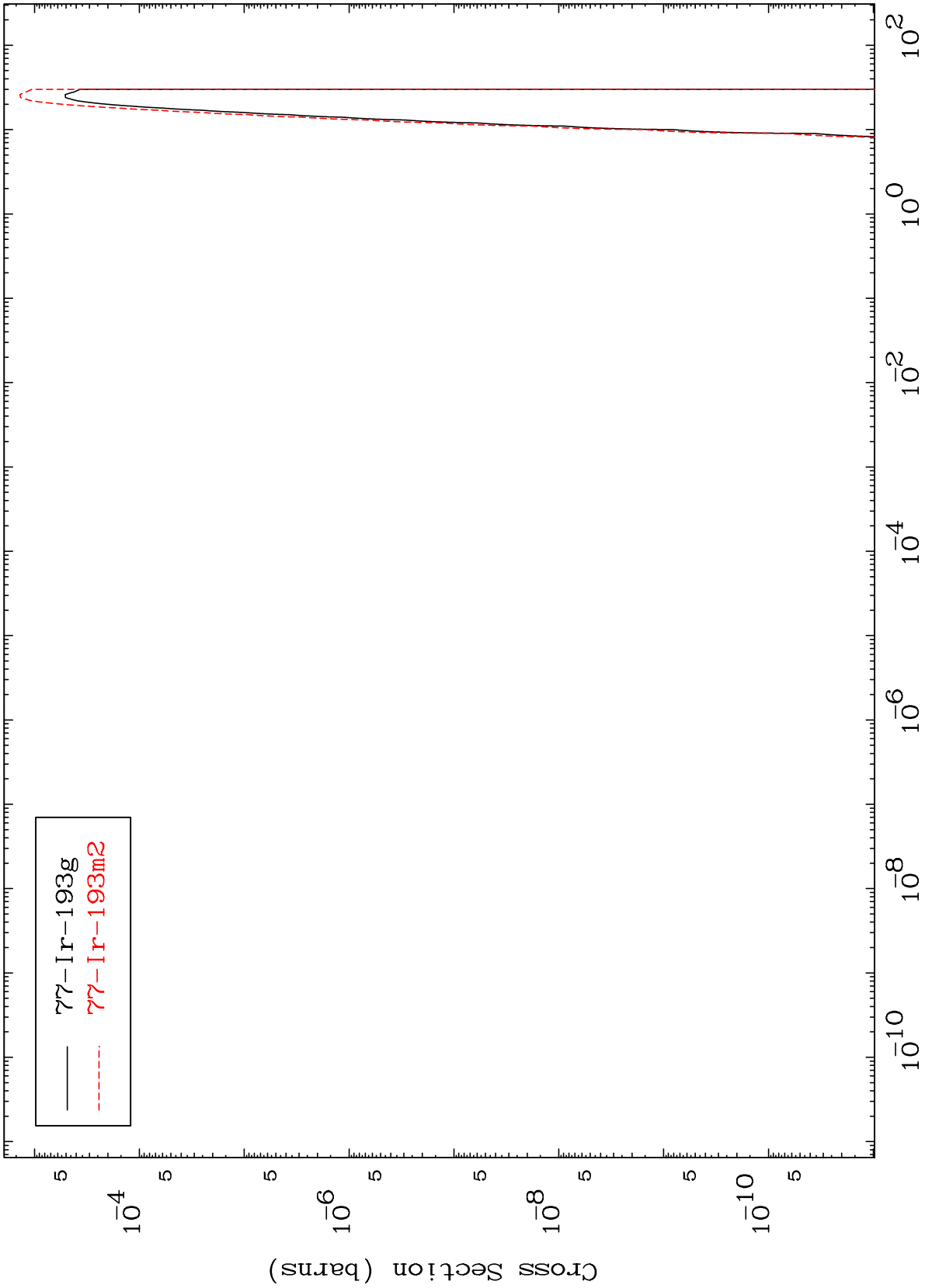
77-Ir-194

MAT 7734

(He-3,  $\alpha$ )

<sup>77</sup>Ir-194

Radionuclide Production Cross Section



30

Incident Energy (MeV)

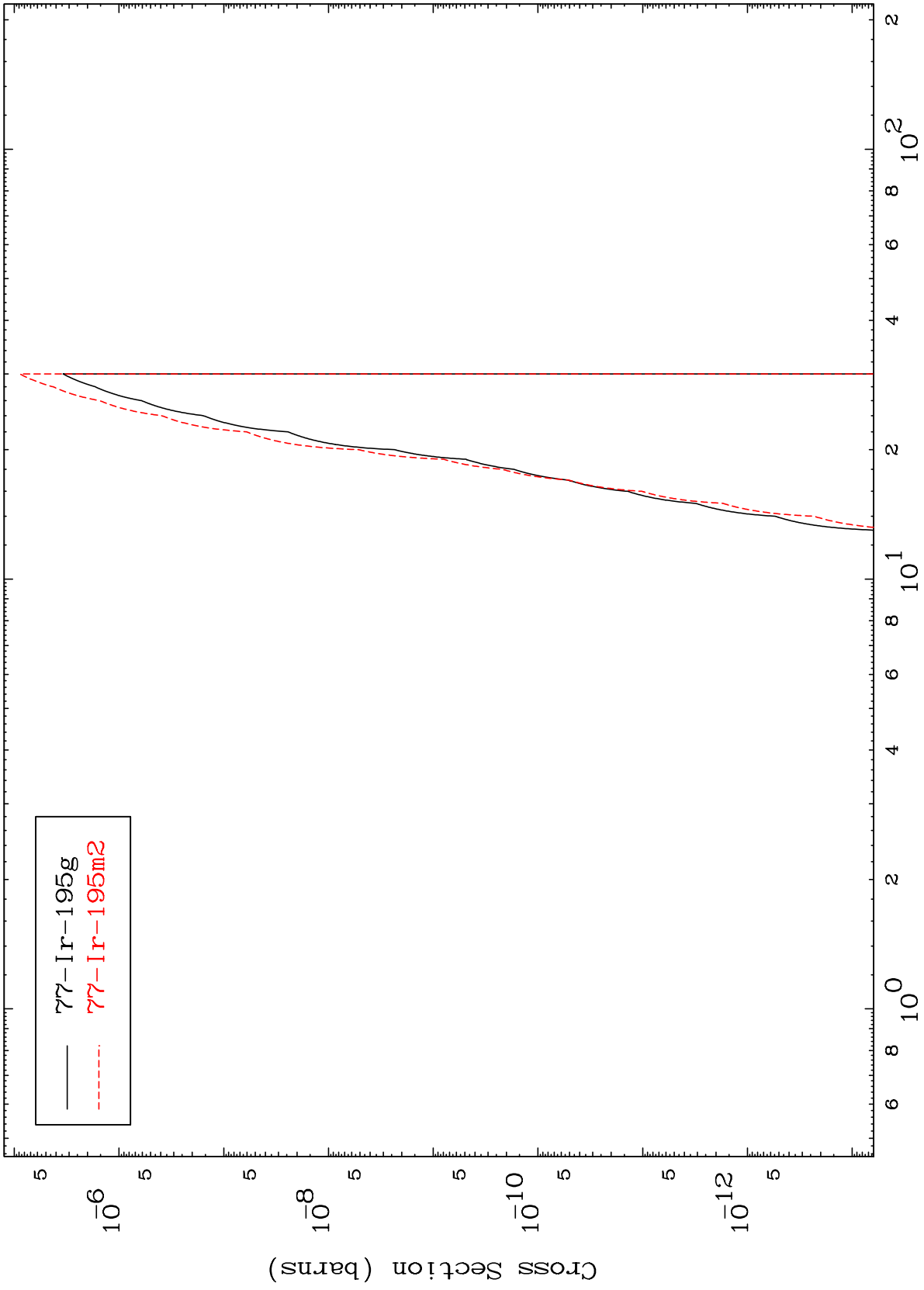
<sup>77</sup>Ir-194

MAT 7734

(He-3,2p)

77-Ir-194

Radionuclide Production Cross Section



31

Incident Energy (MeV)

77-Ir-194

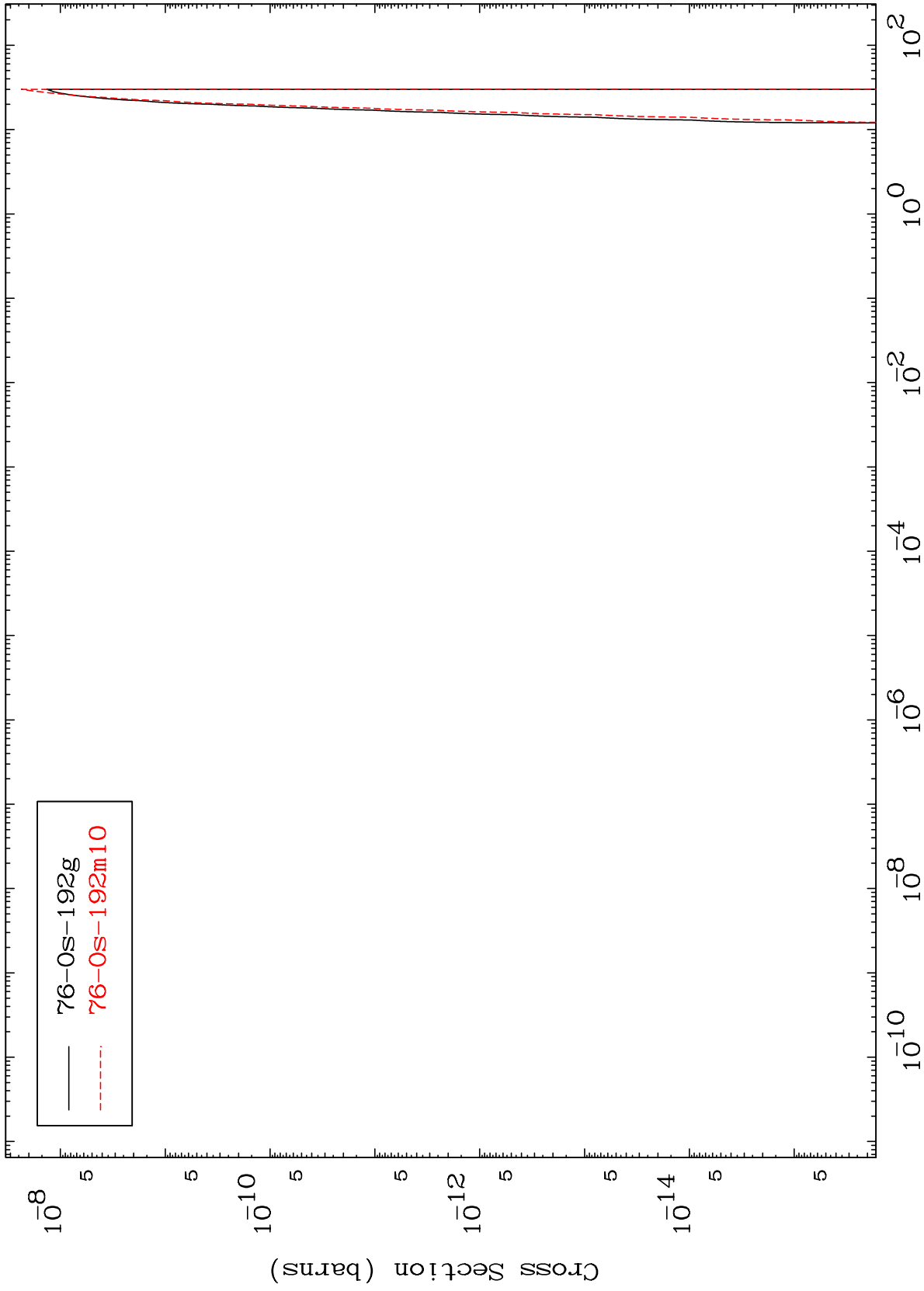


MAT 7734

(He-3,p)  $\alpha$

77-Ir-194

Radionuclide Production Cross Section



32

Incident Energy (MeV)

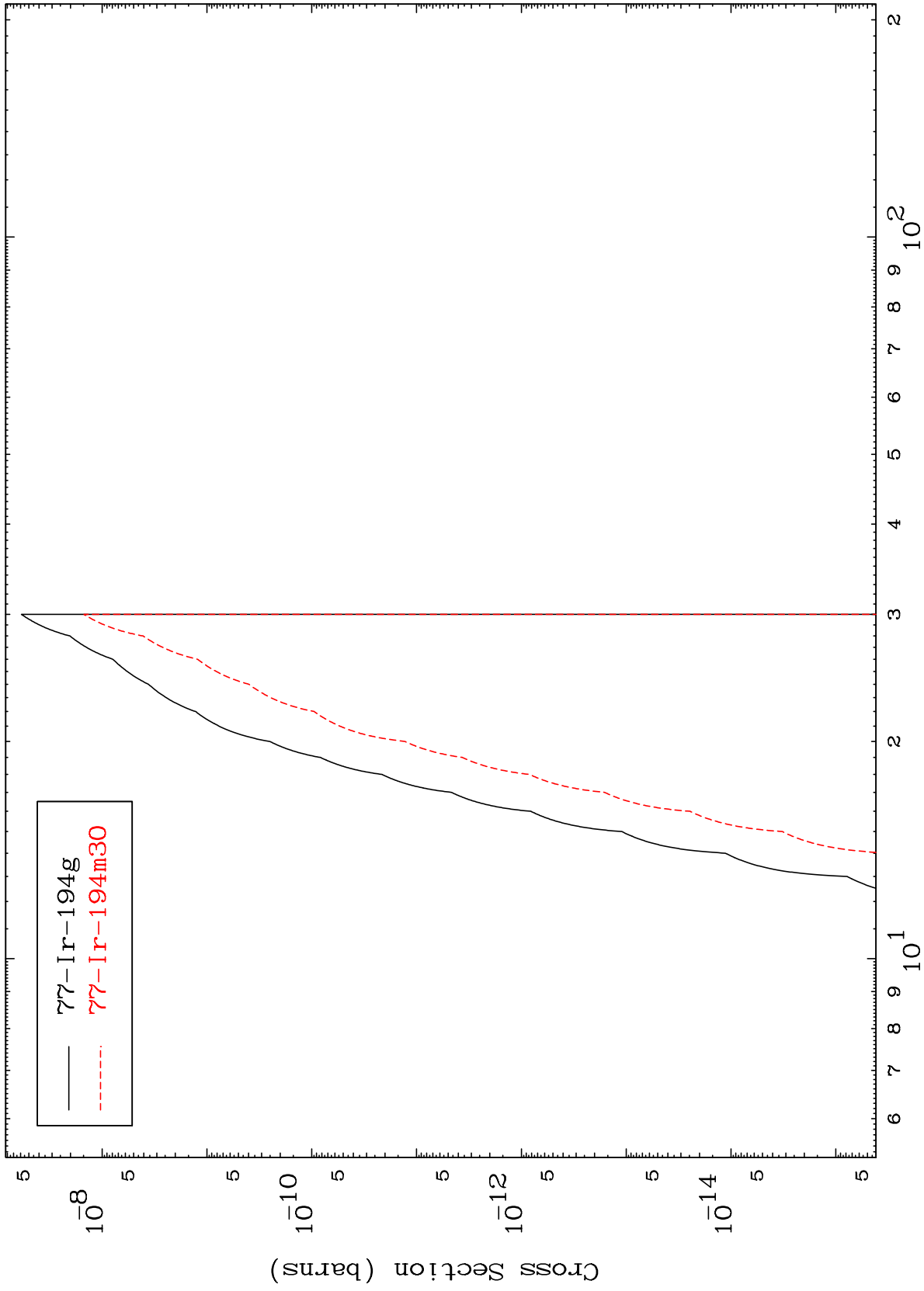
77-Ir-194

MAT 7734

(He-3,p) d

77-Ir-194

Radionuclide Production Cross Section



33

Incident Energy (MeV)

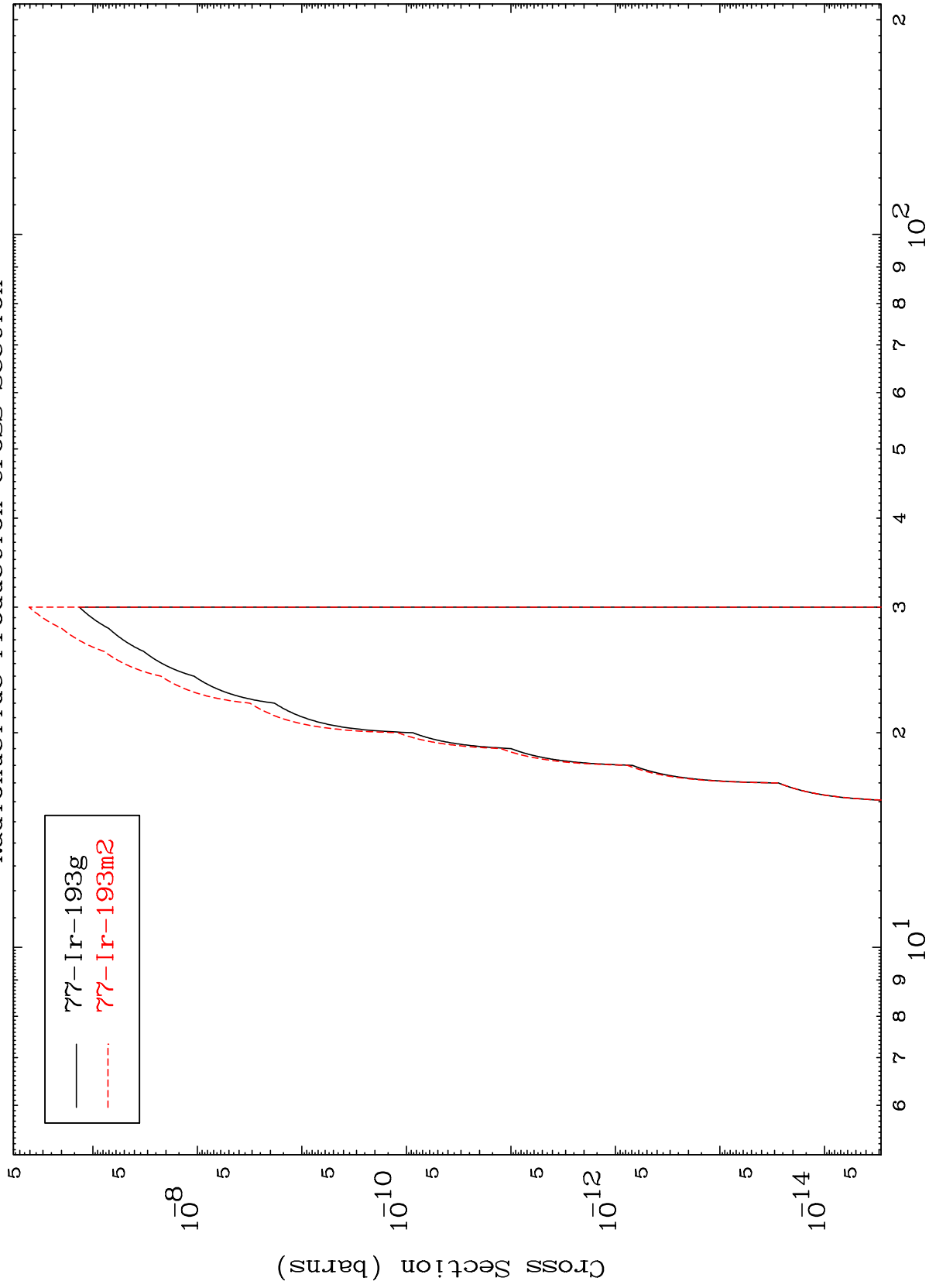
77-Ir-194

MAT 7734

(He-3,p) t

77-Ir-194

Radionuclide Production Cross Section



77-Ir-193g  
77-Ir-193m2

34

Incident Energy (MeV)

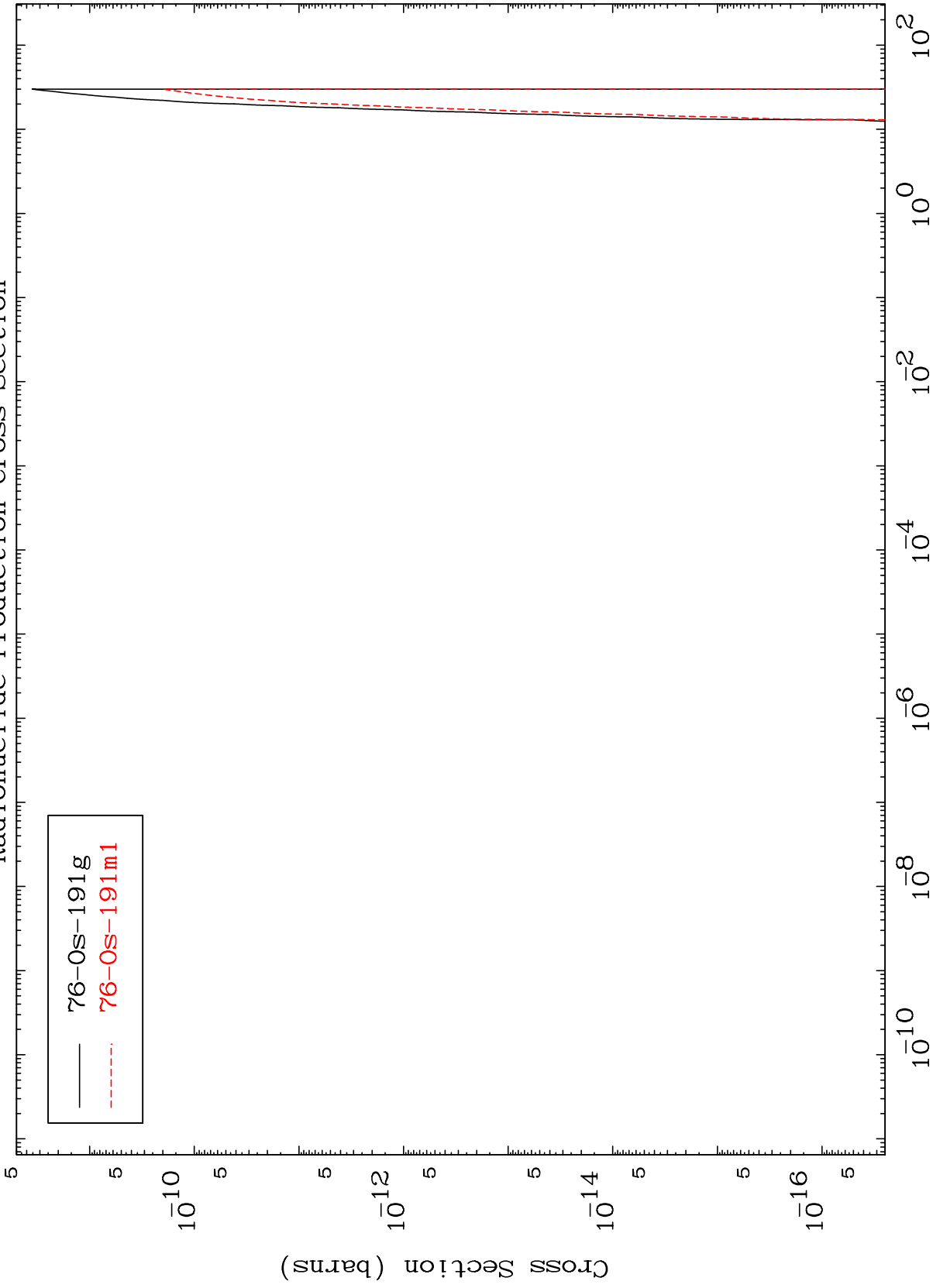
77-Ir-194

MAT 7734

(He-3,d)  $\alpha$

77-Ir-194

Radionuclide Production Cross Section



35

Incident Energy (MeV)

77-Ir-194