

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

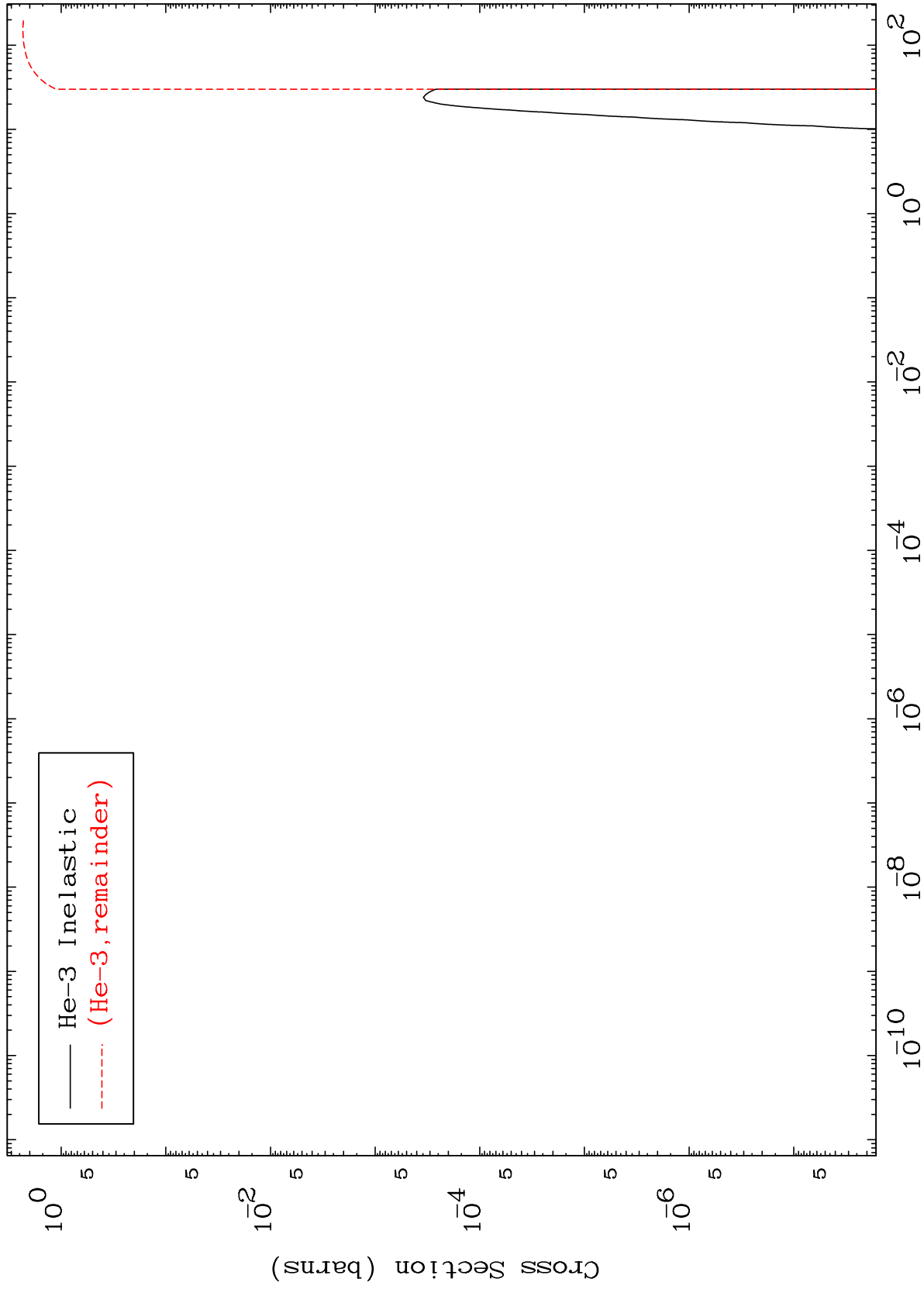
Press Mouse Button to Start

MAT 7140

He-3 Major

71-Lu-180

0 Kelvin Cross Sections



1

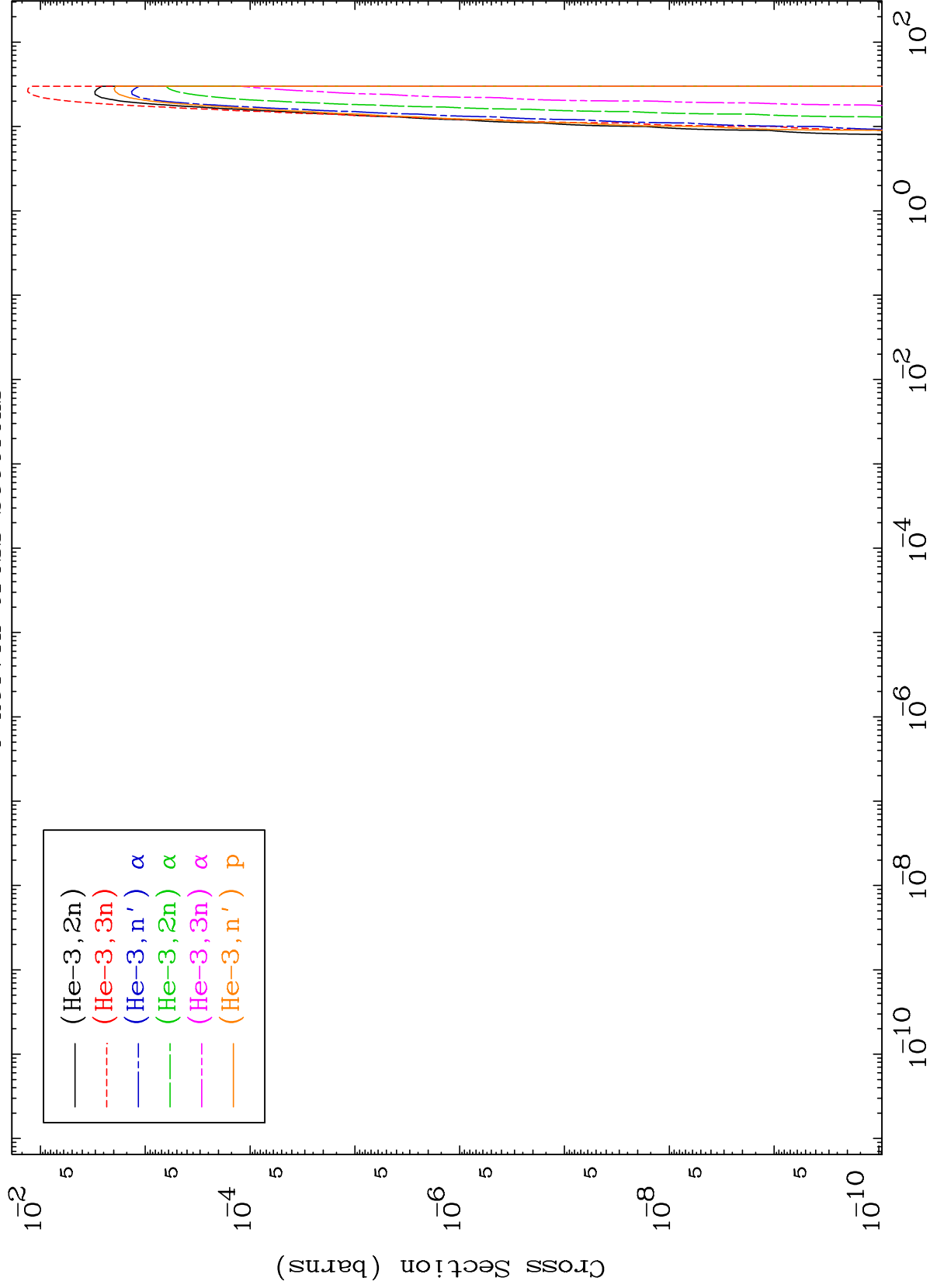
Incident Energy (MeV)

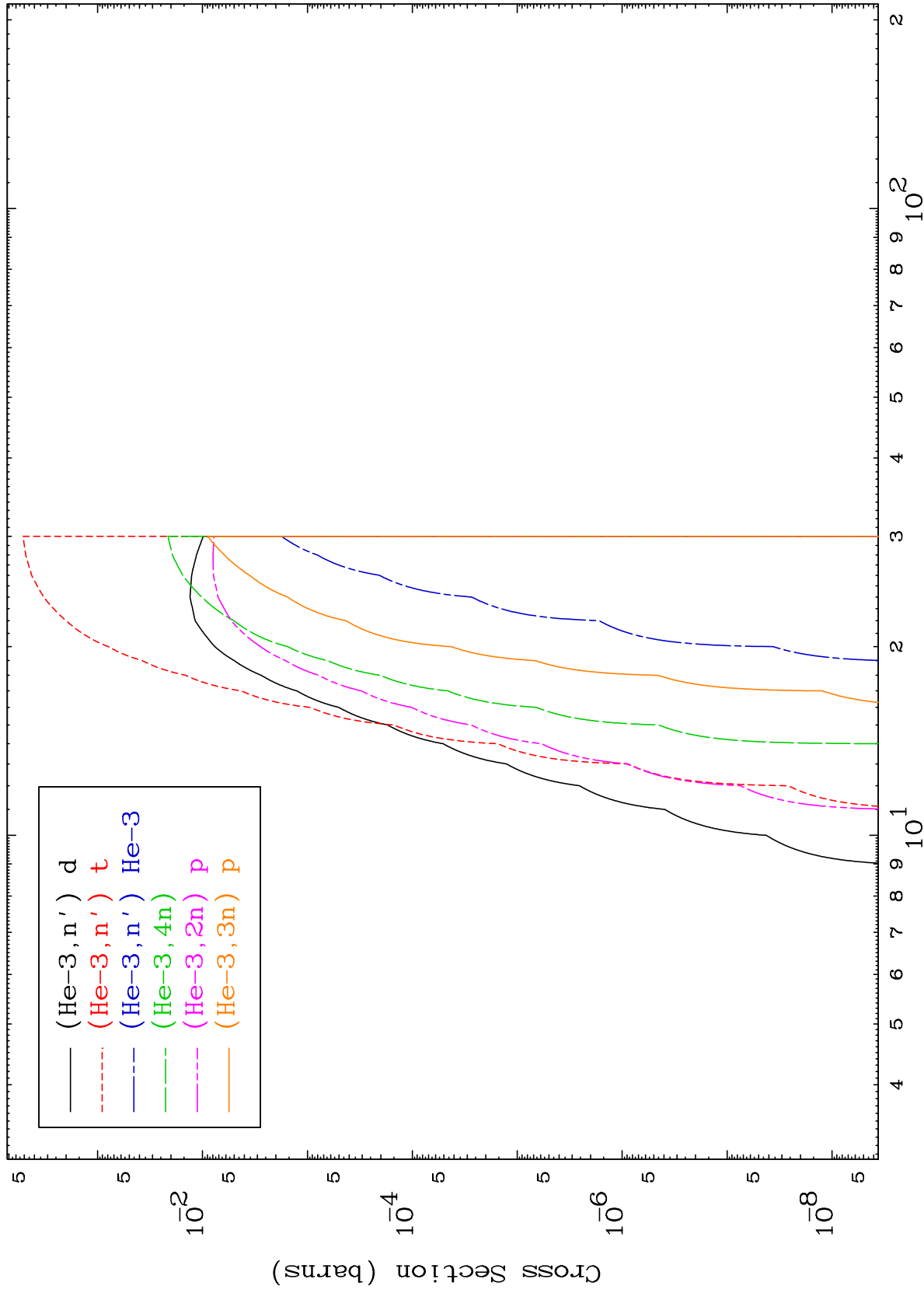
71-Lu-180

MAT 7140

He-3 Neutron Production
0 Kelvin Cross Sections

71-Lu-180

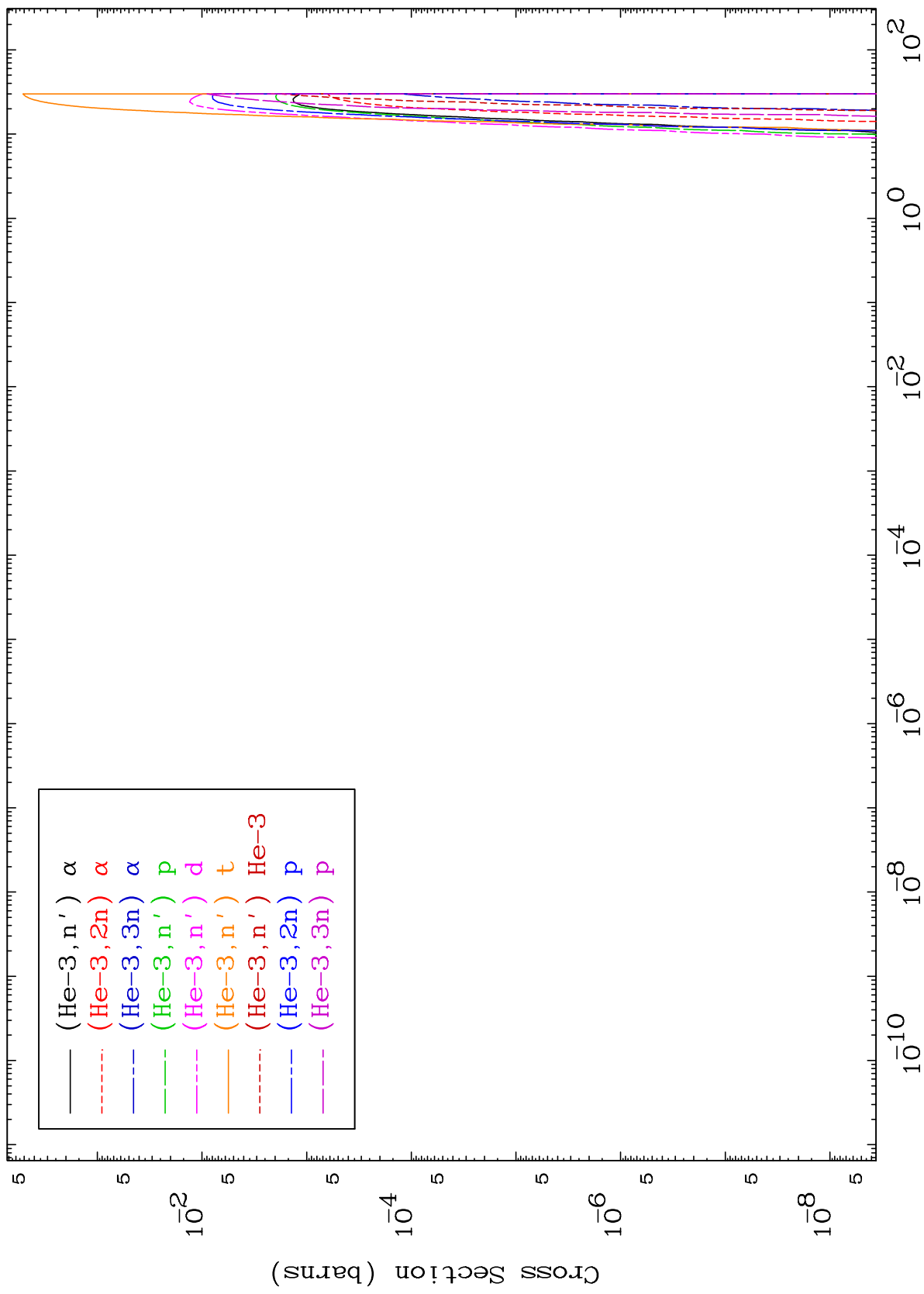




MAT 7140

He-3 Charged Particle
0 Kelvin Cross Sections

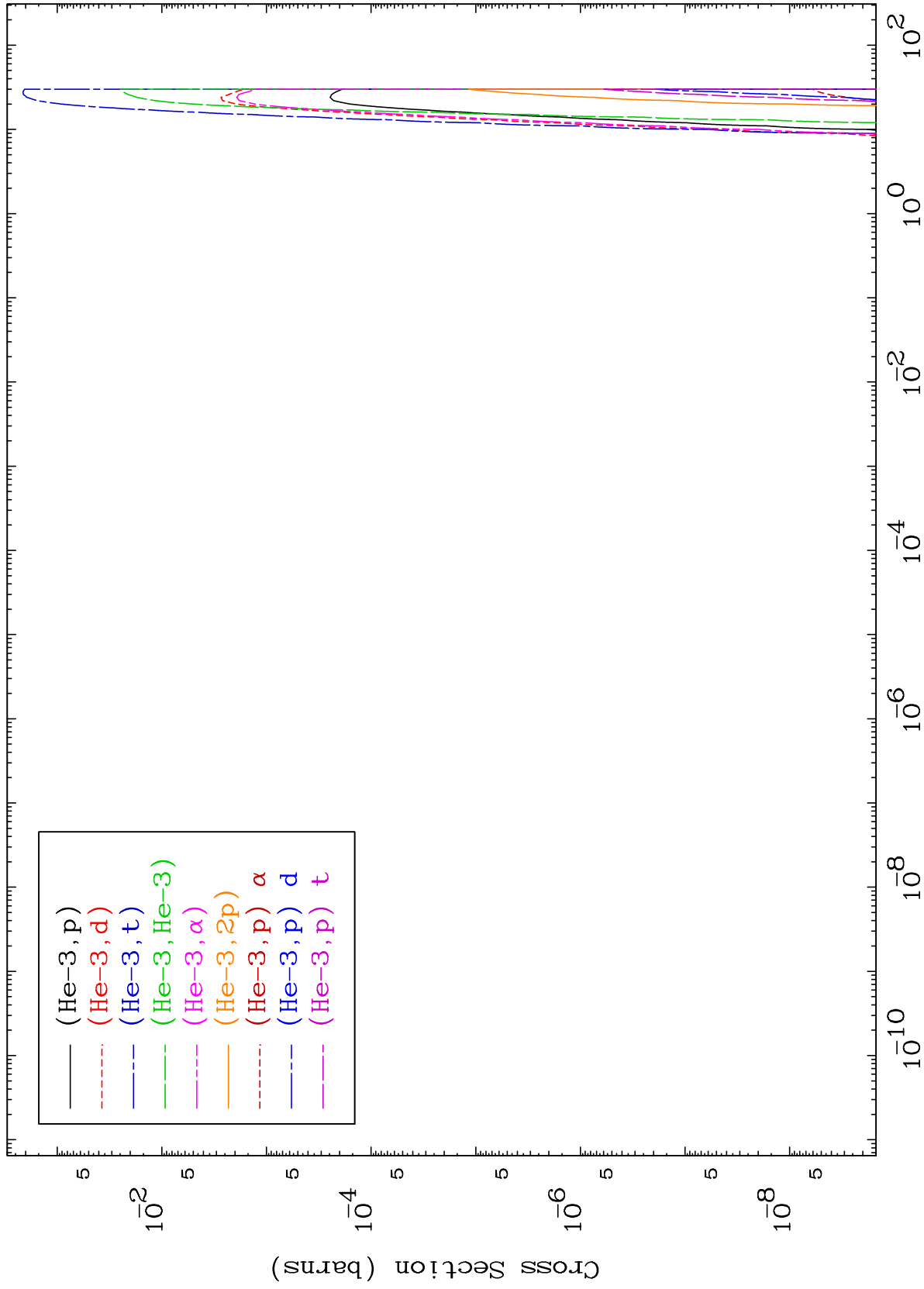
71-Lu-180



MAT 7140

He-3 Charged Particle
0 Kelvin Cross Sections

71-Lu-180



5

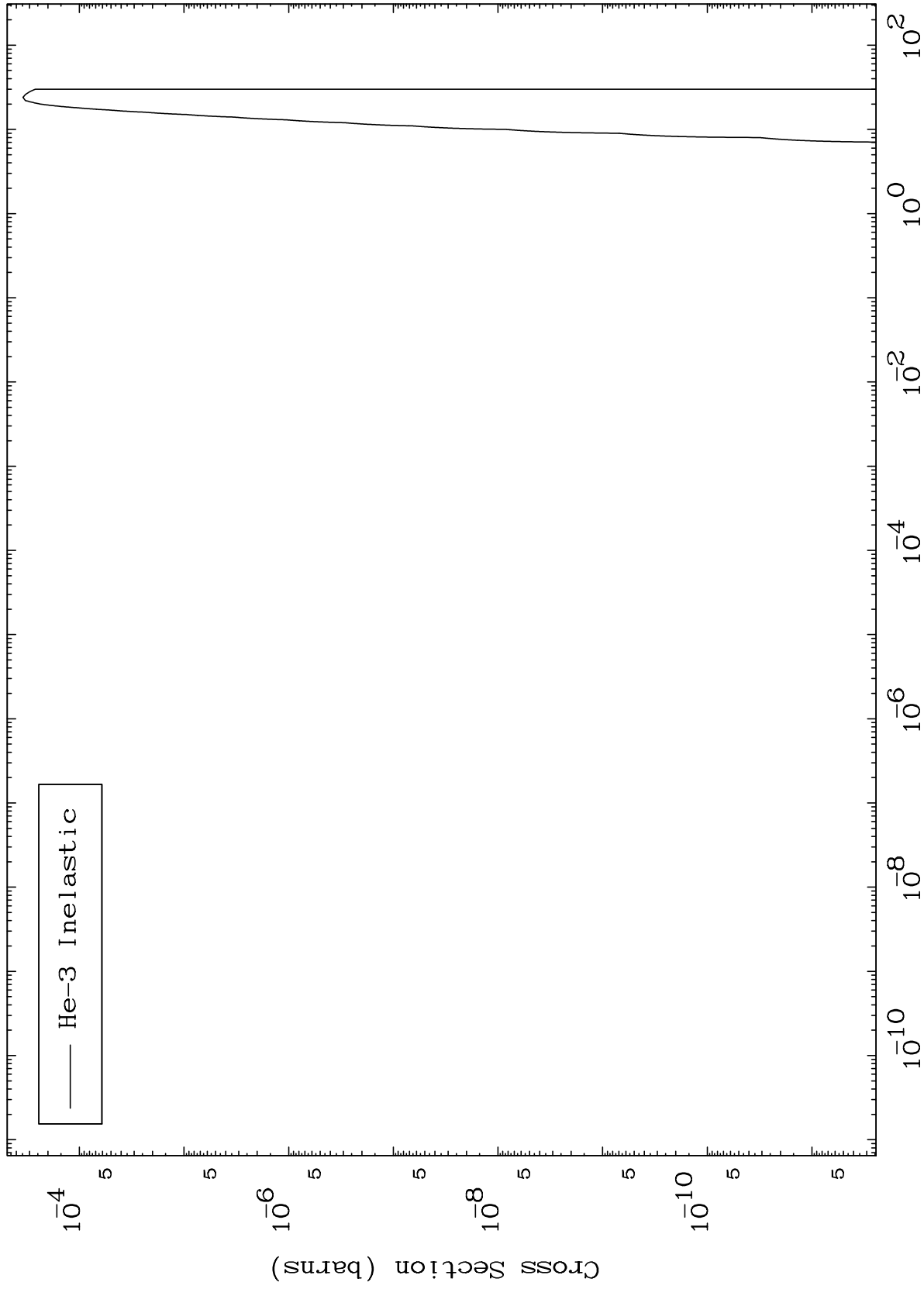
Incident Energy (MeV)

71-Lu-180

MAT 7140

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

71-Lu-180



6

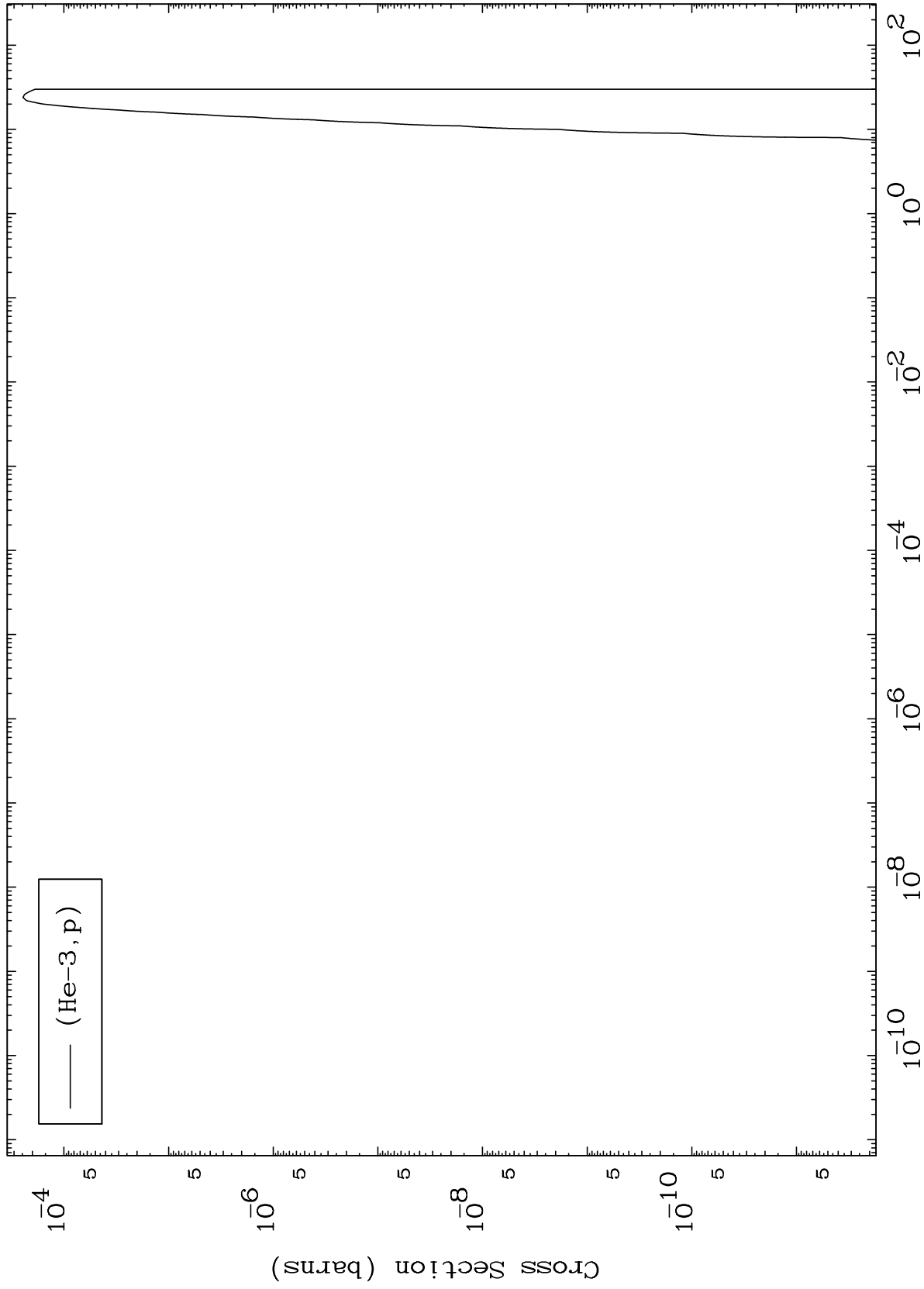
Incident Energy (MeV)

71-Lu-180

MAT 7140

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

71-Lu-180



7

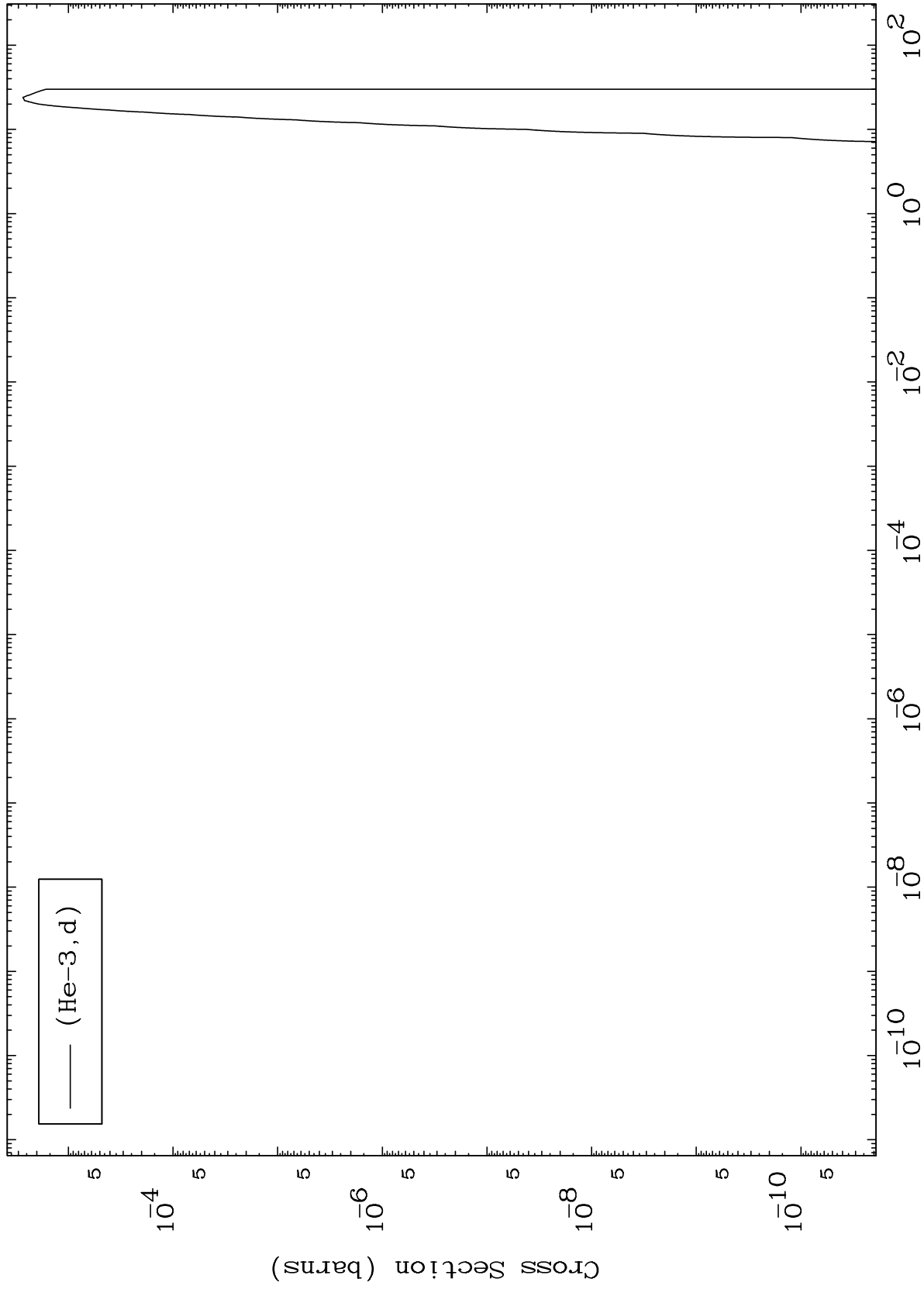
Incident Energy (MeV)

71-Lu-180

MAT 7140

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

71-Lu-180



8

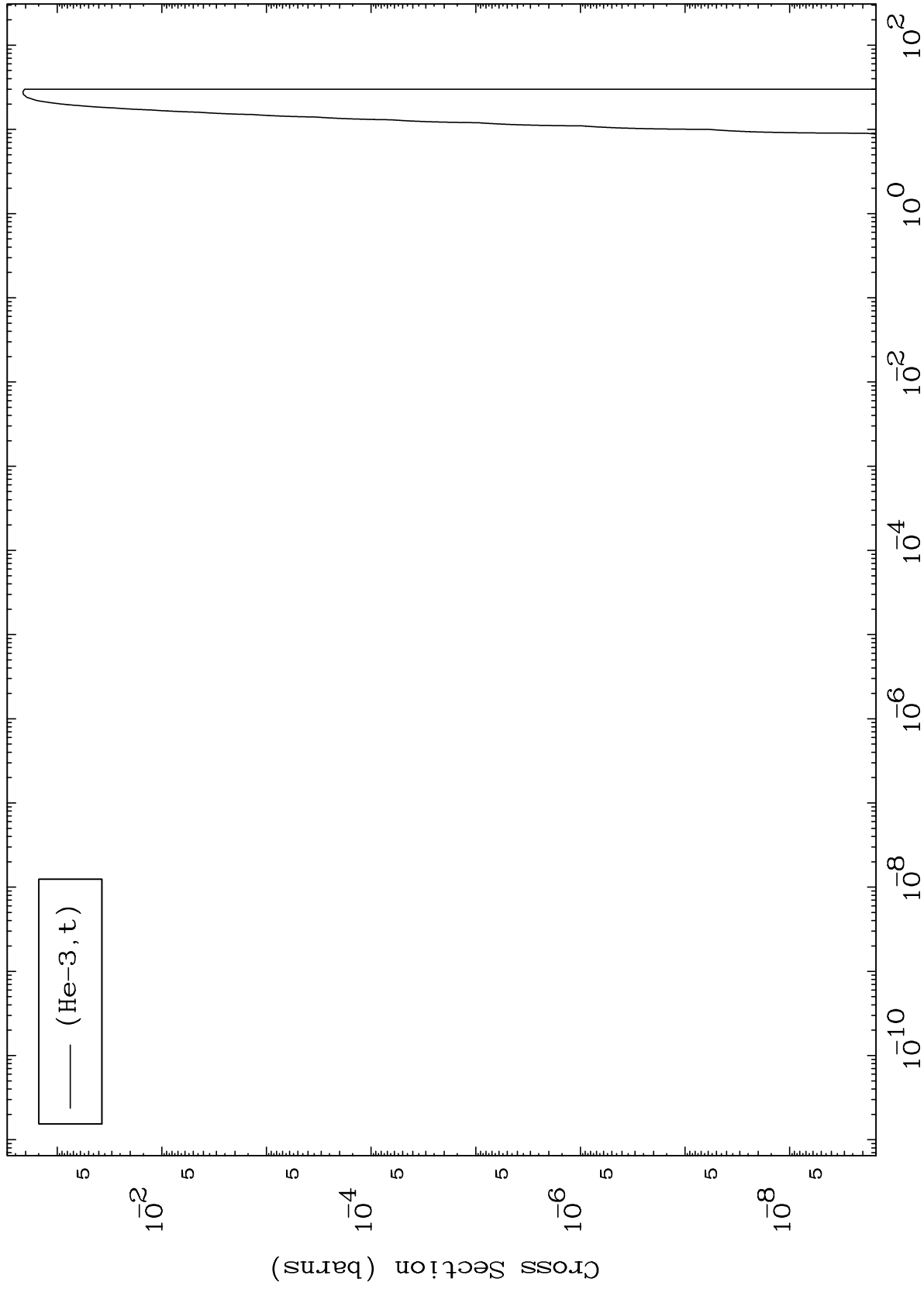
Incident Energy (MeV)

71-Lu-180

MAT 7140

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

71-Lu-180



9

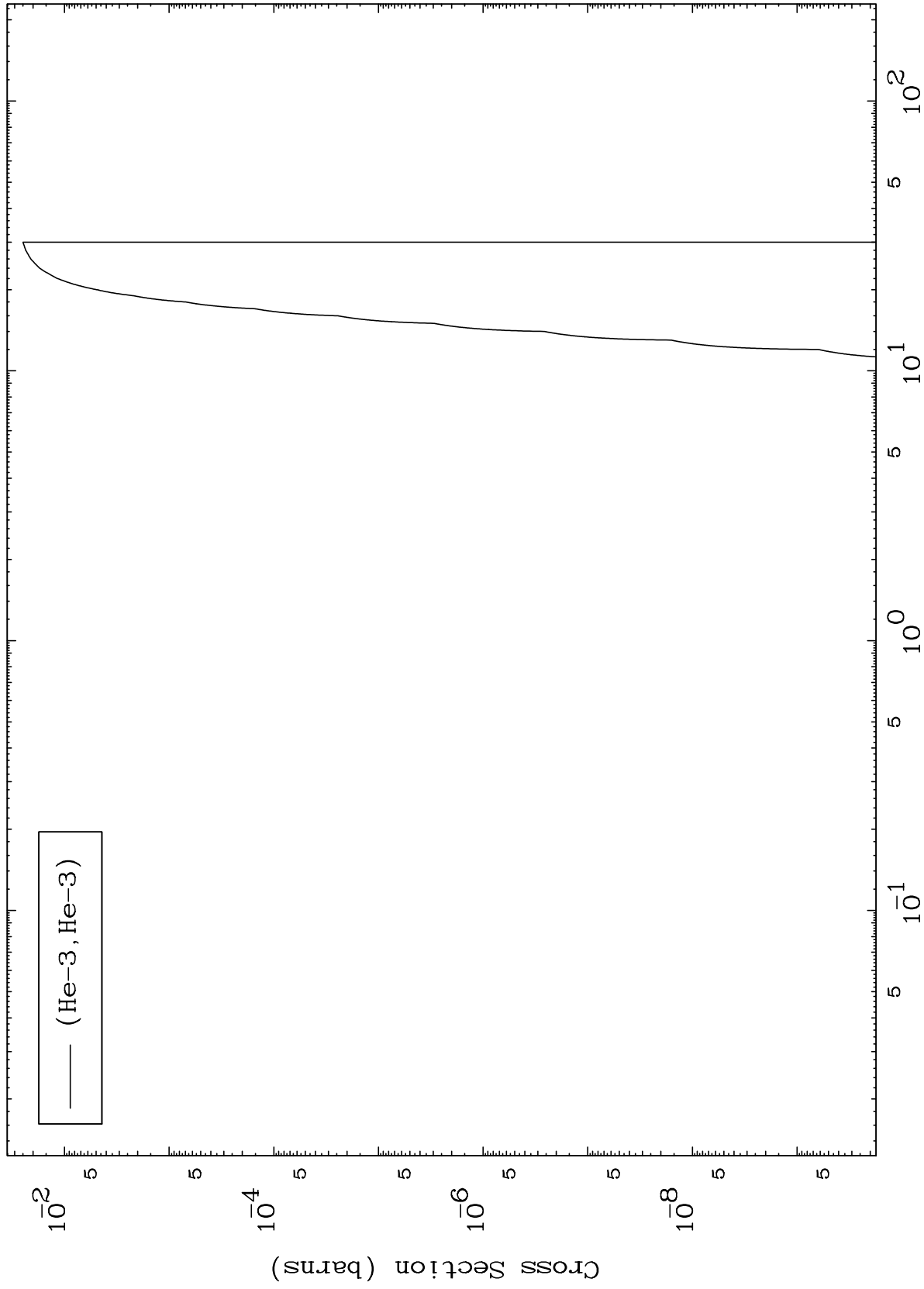
Incident Energy (MeV)

71-Lu-180

MAT 7140

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

71-Lu-180



10

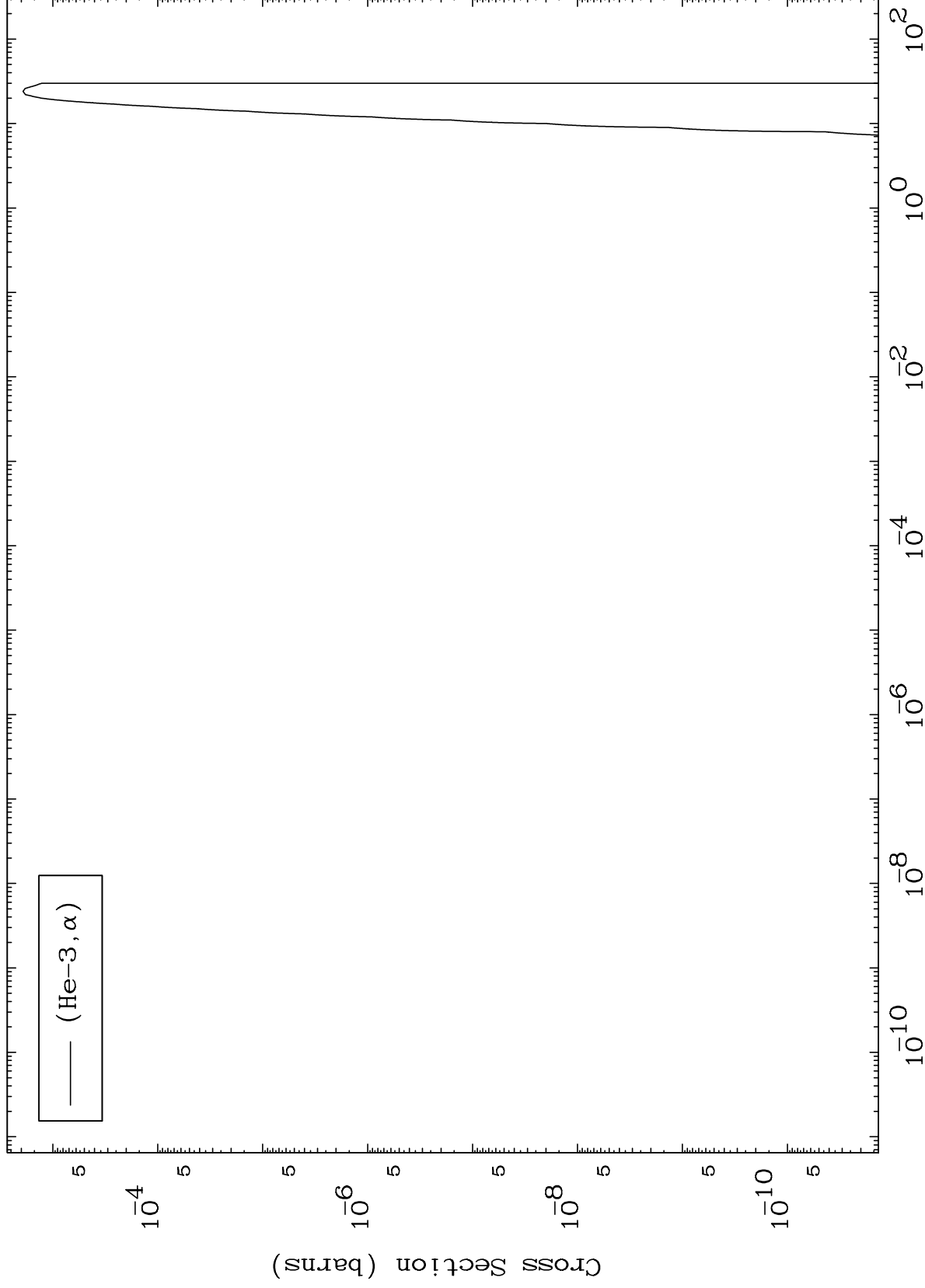
Incident Energy (MeV)

71-Lu-180

MAT 7140

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

71-Lu-180



11

Incident Energy (MeV)

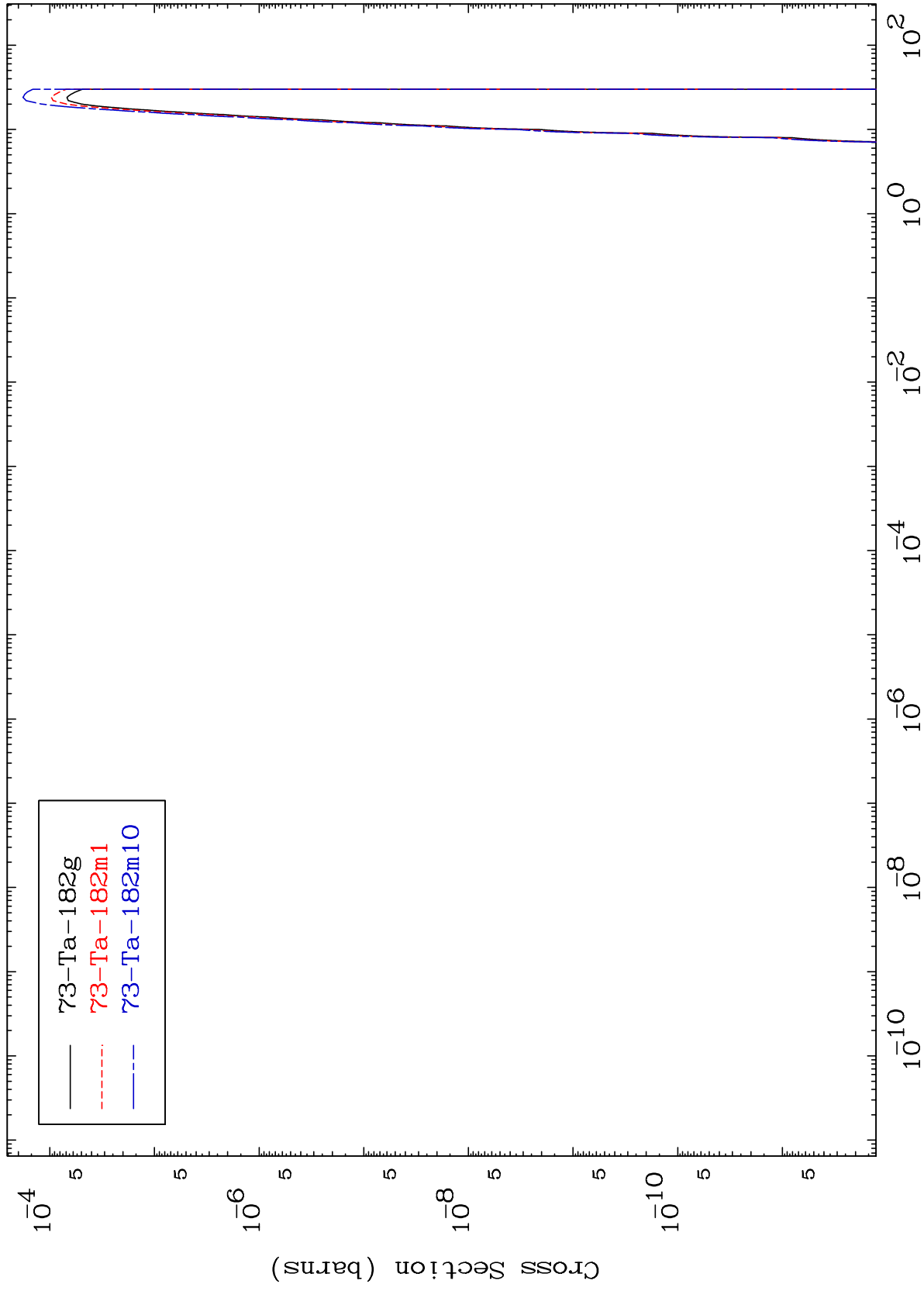
71-Lu-180

MAT 7140

He-3 Inelastic

⁷¹Lu-180

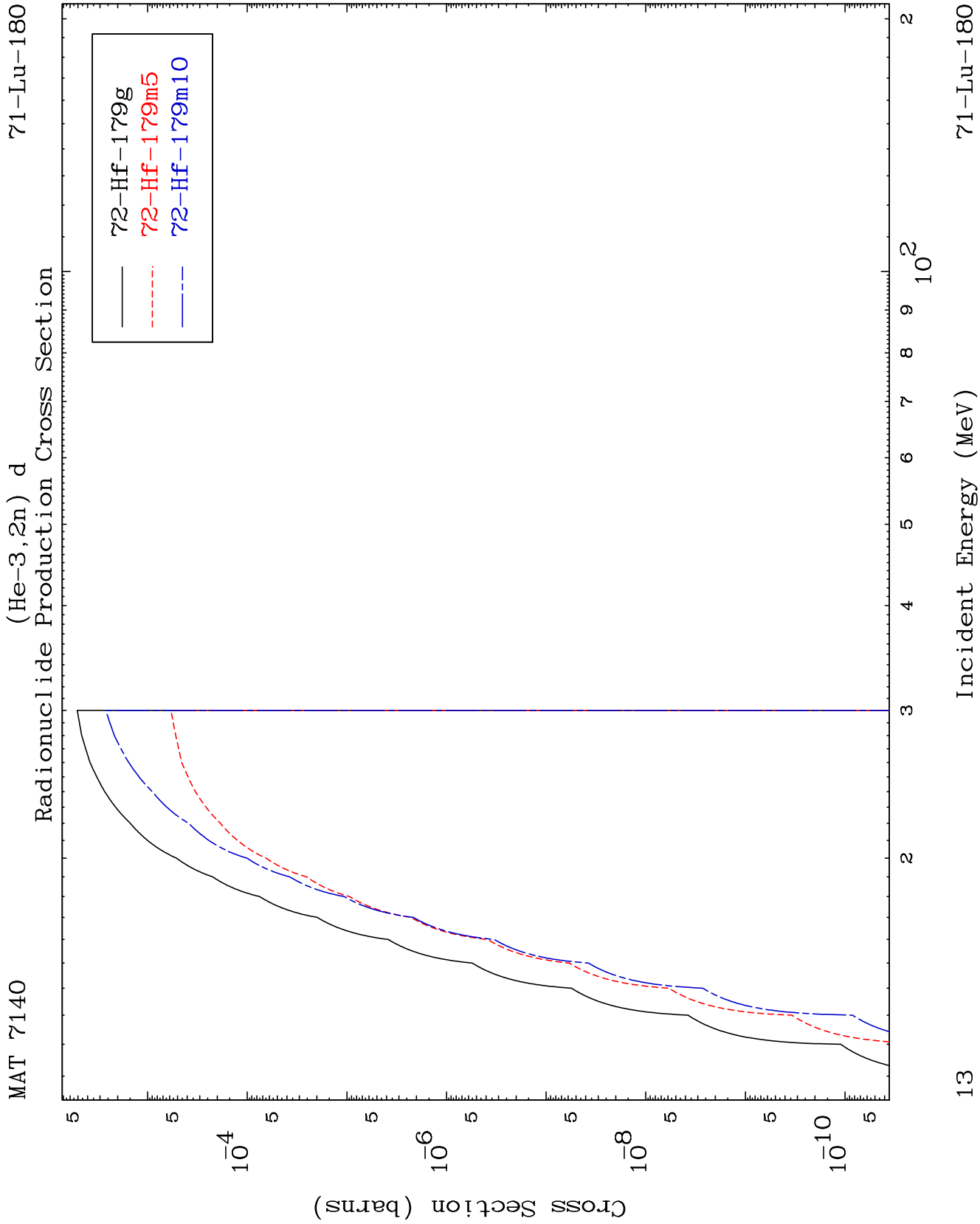
Radionuclide Production Cross Section

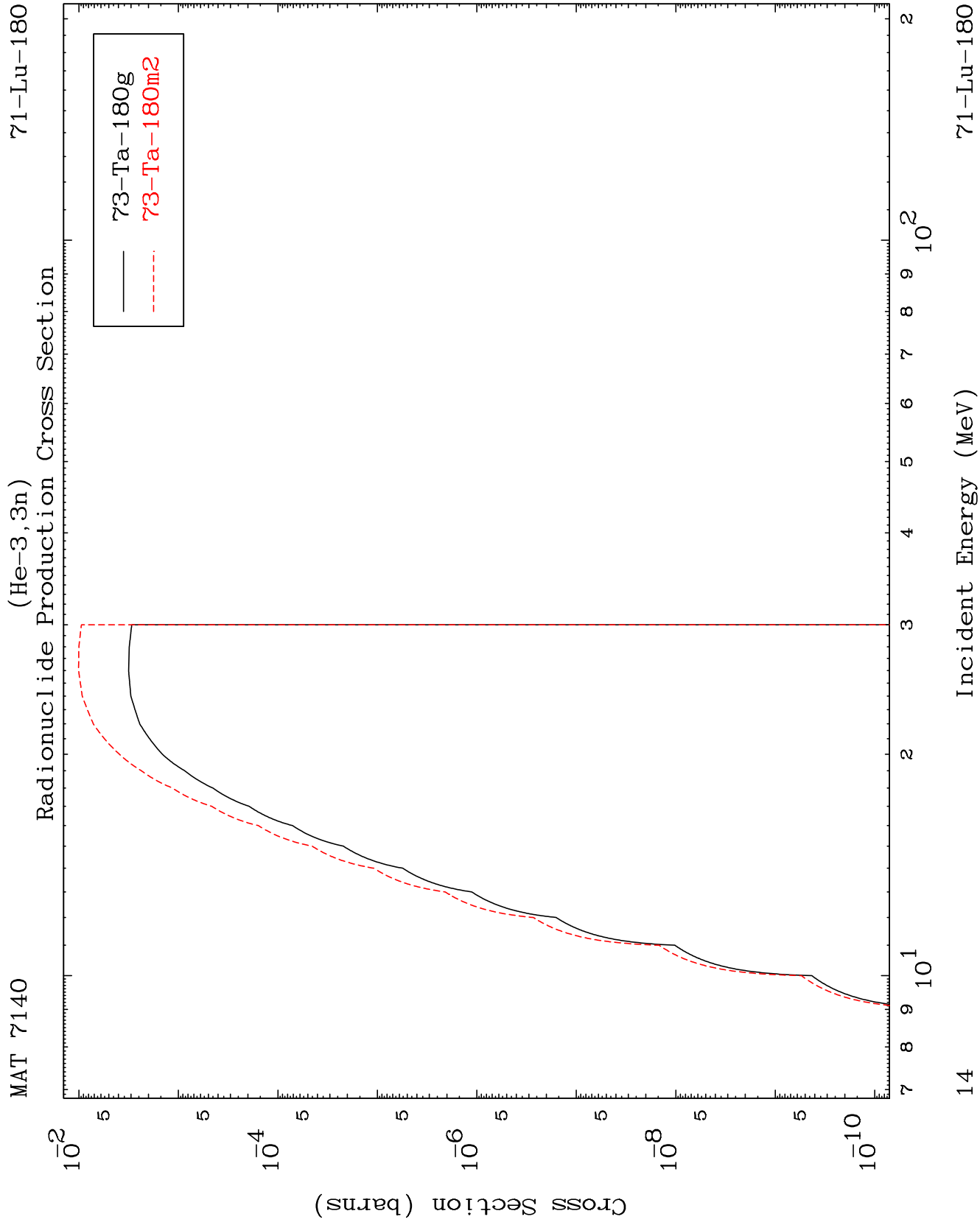


12

Incident Energy (MeV)

⁷¹Lu-180



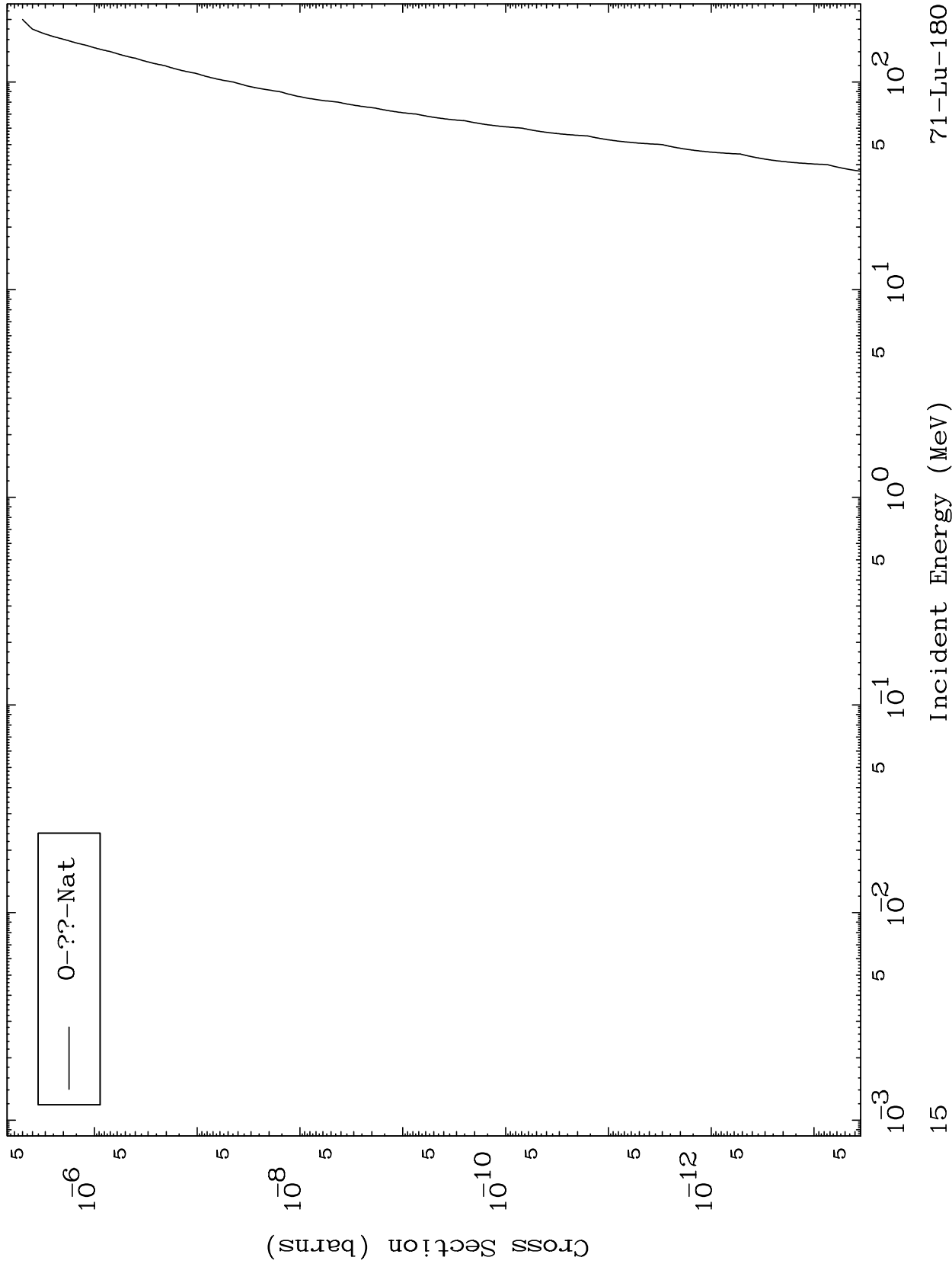


MAT 7140

He-3 Fission

⁷¹Lu-180

Radionuclide Production Cross Section

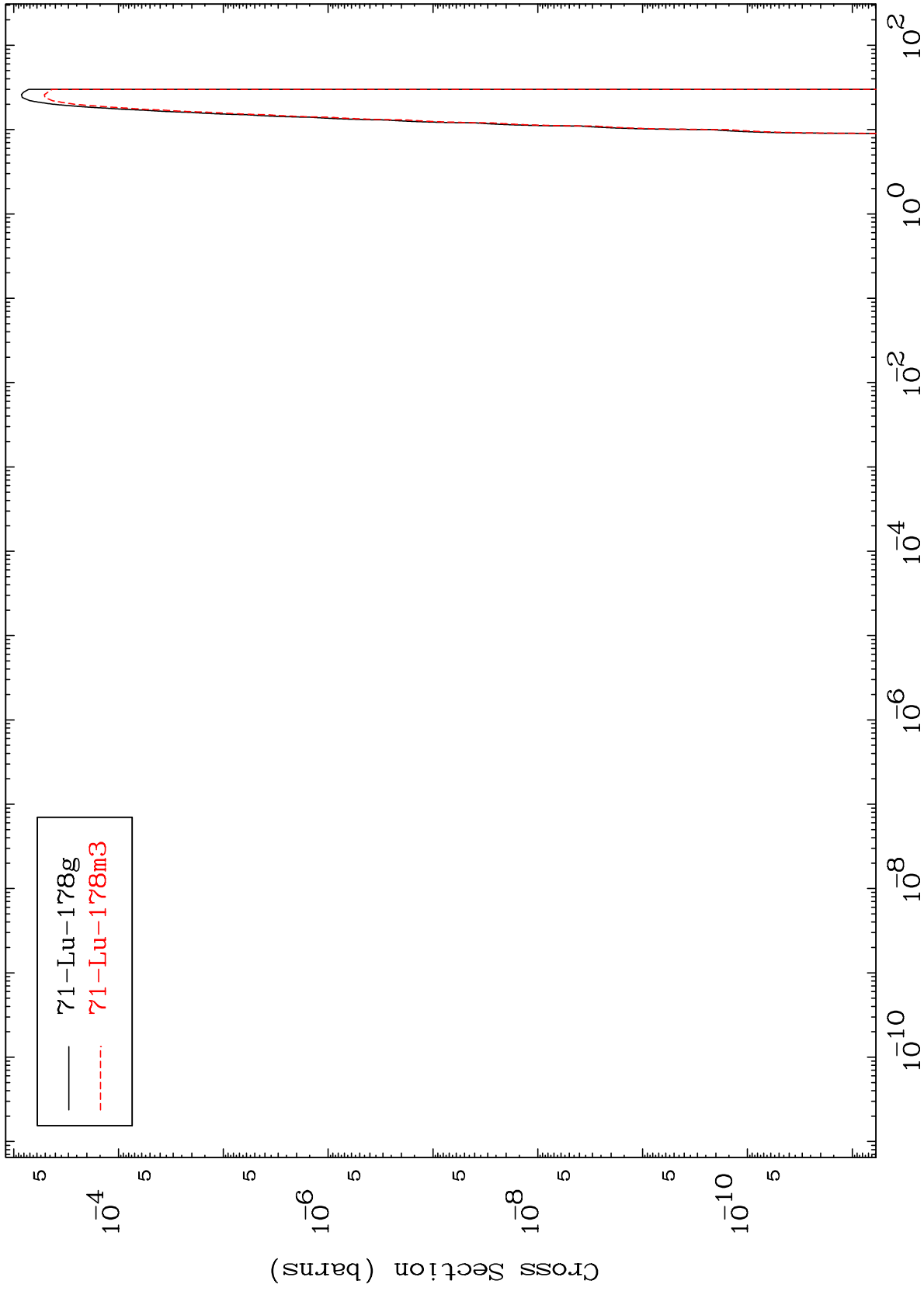


MAT 7140

(He-3,n') α

71-Lu-180

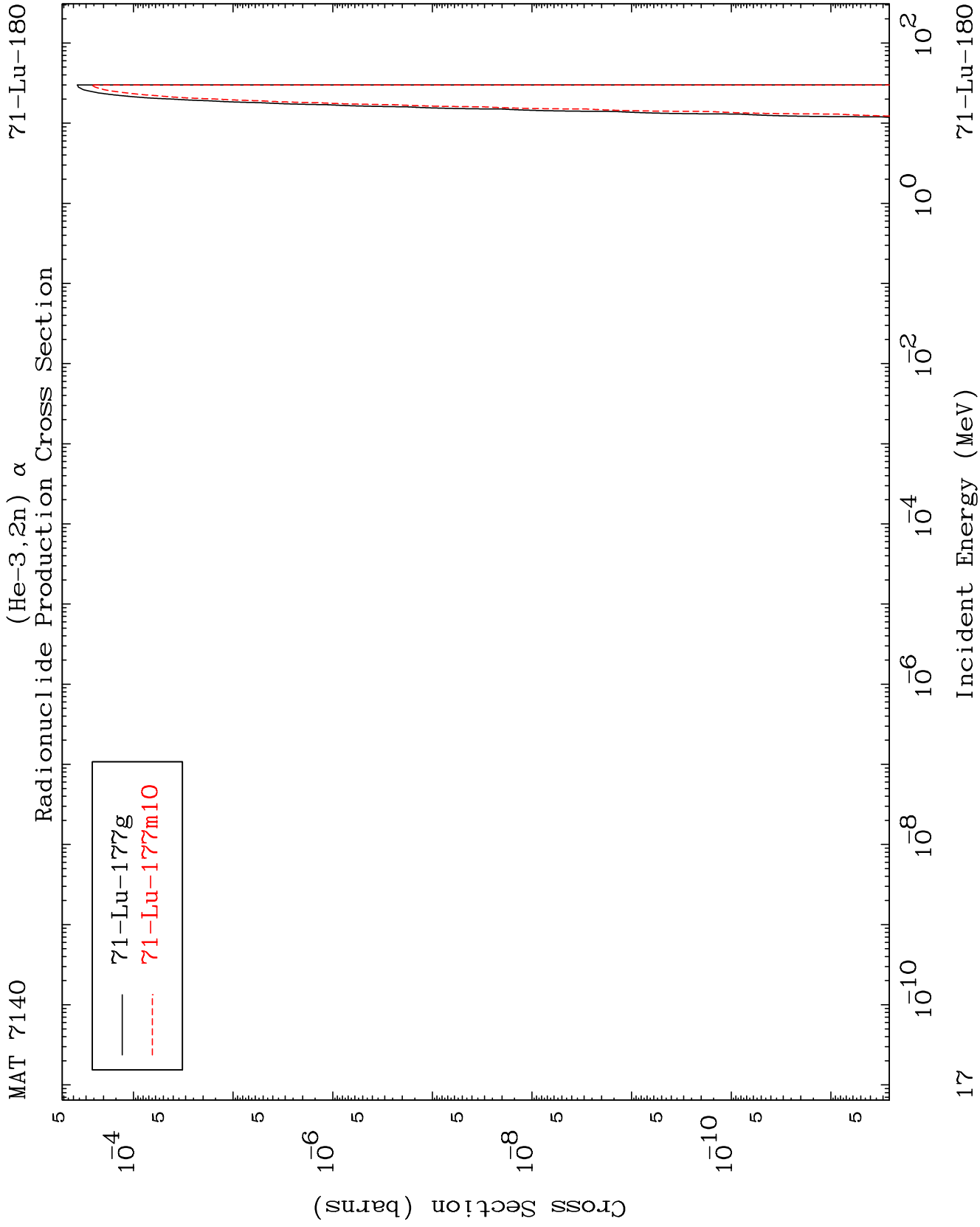
Radionuclide Production Cross Section

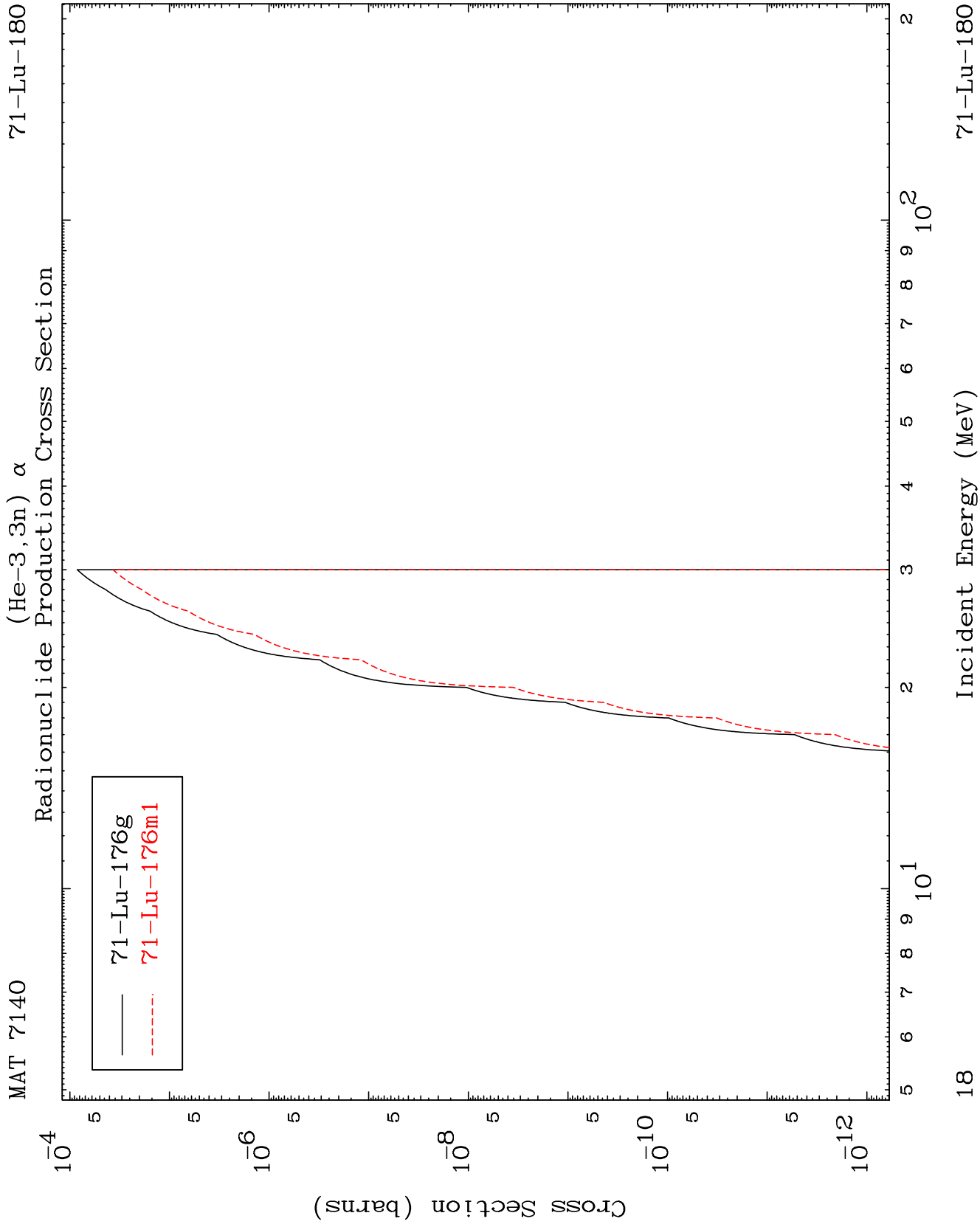


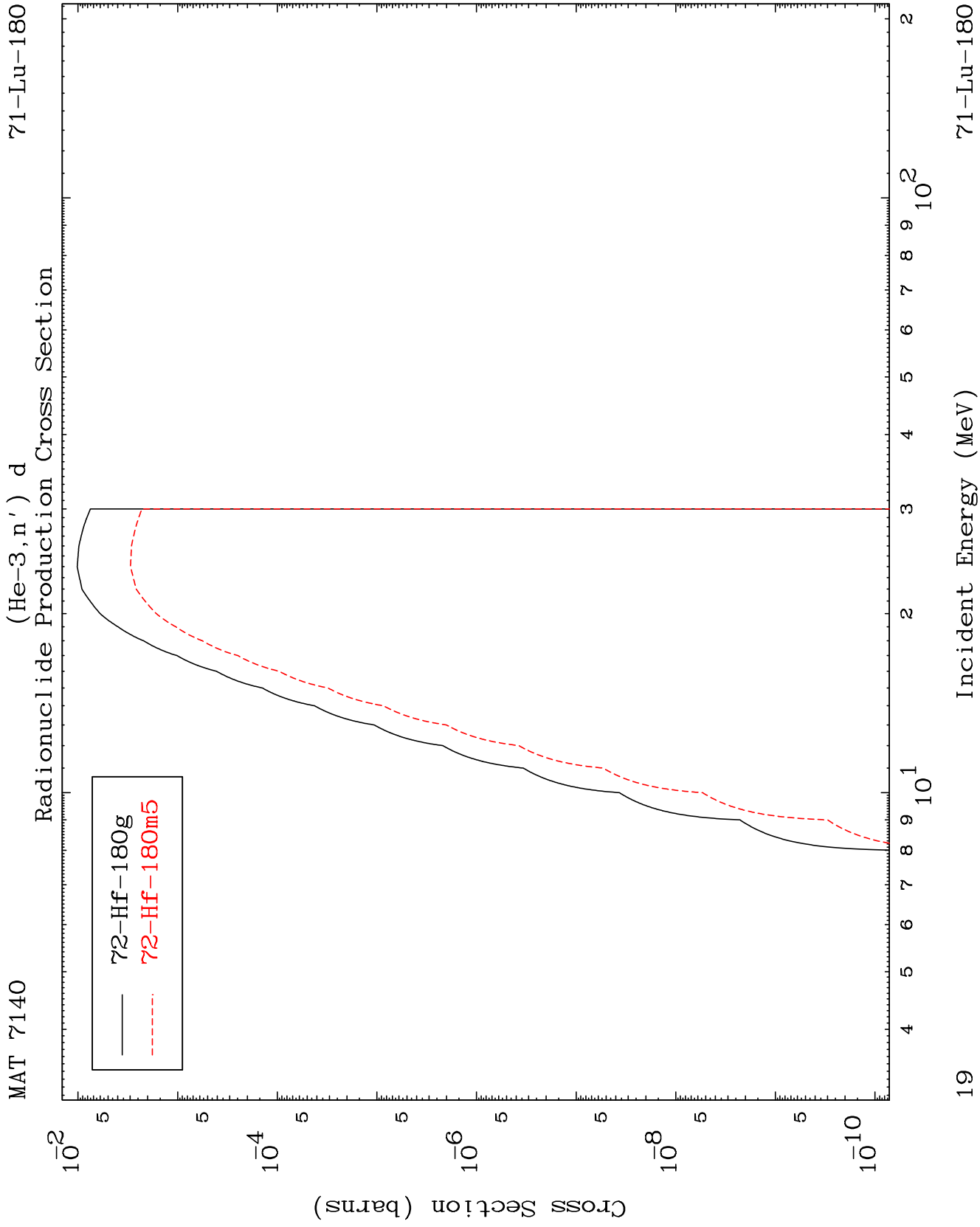
16

Incident Energy (MeV)

71-Lu-180





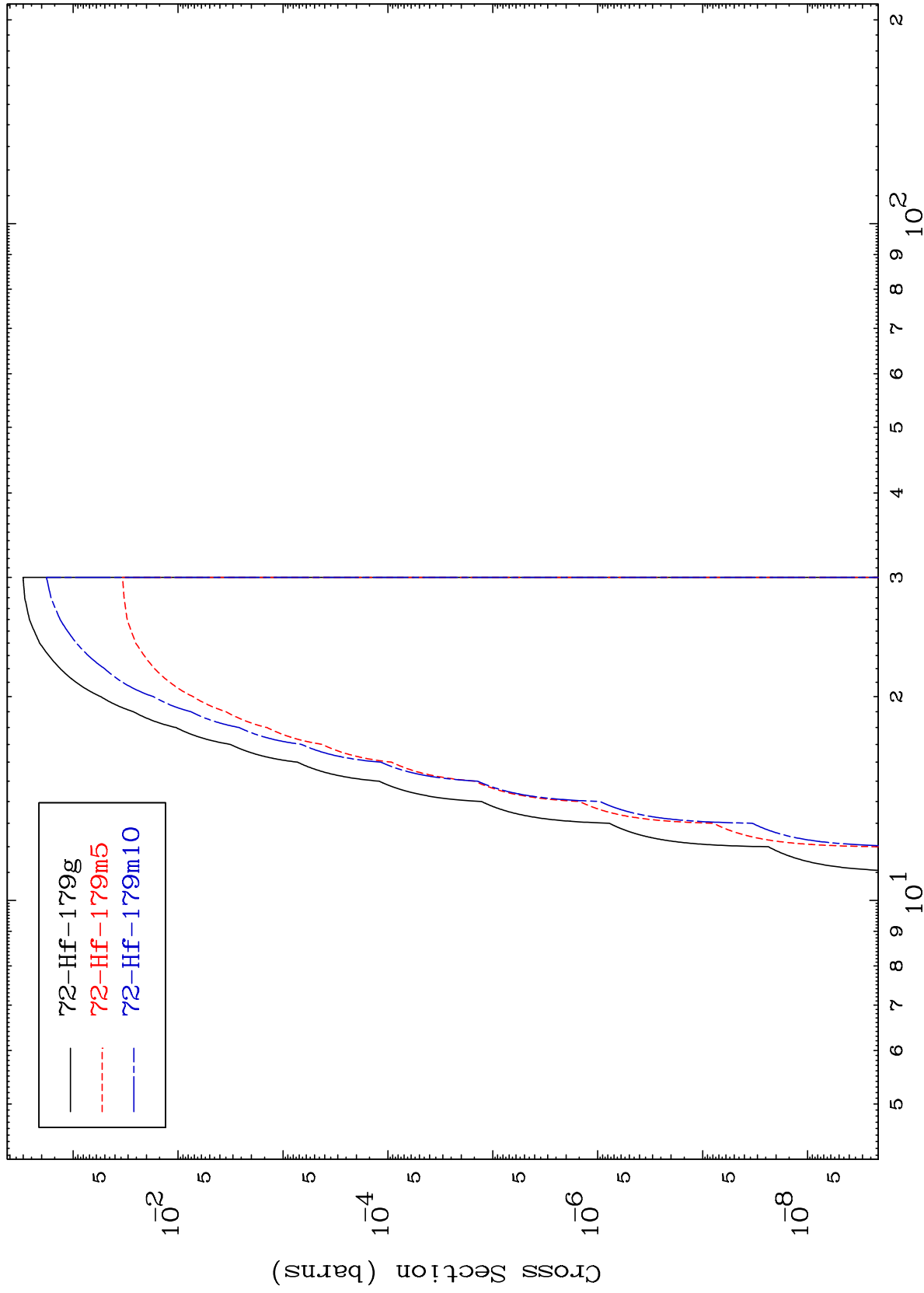


MAT 7140

(He-3,n') t

71-Lu-180

Radionuclide Production Cross Section



20

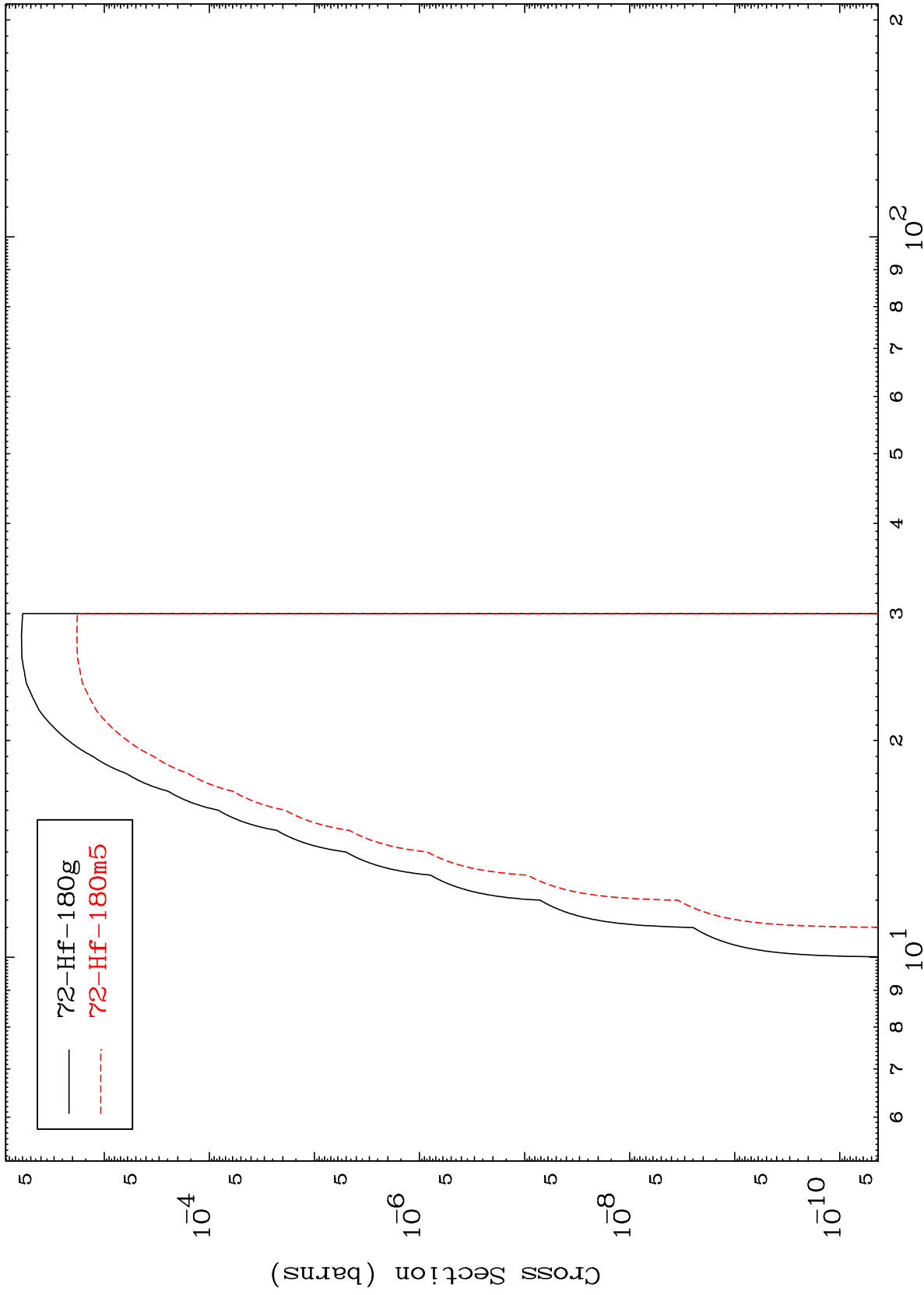
Incident Energy (MeV)

71-Lu-180

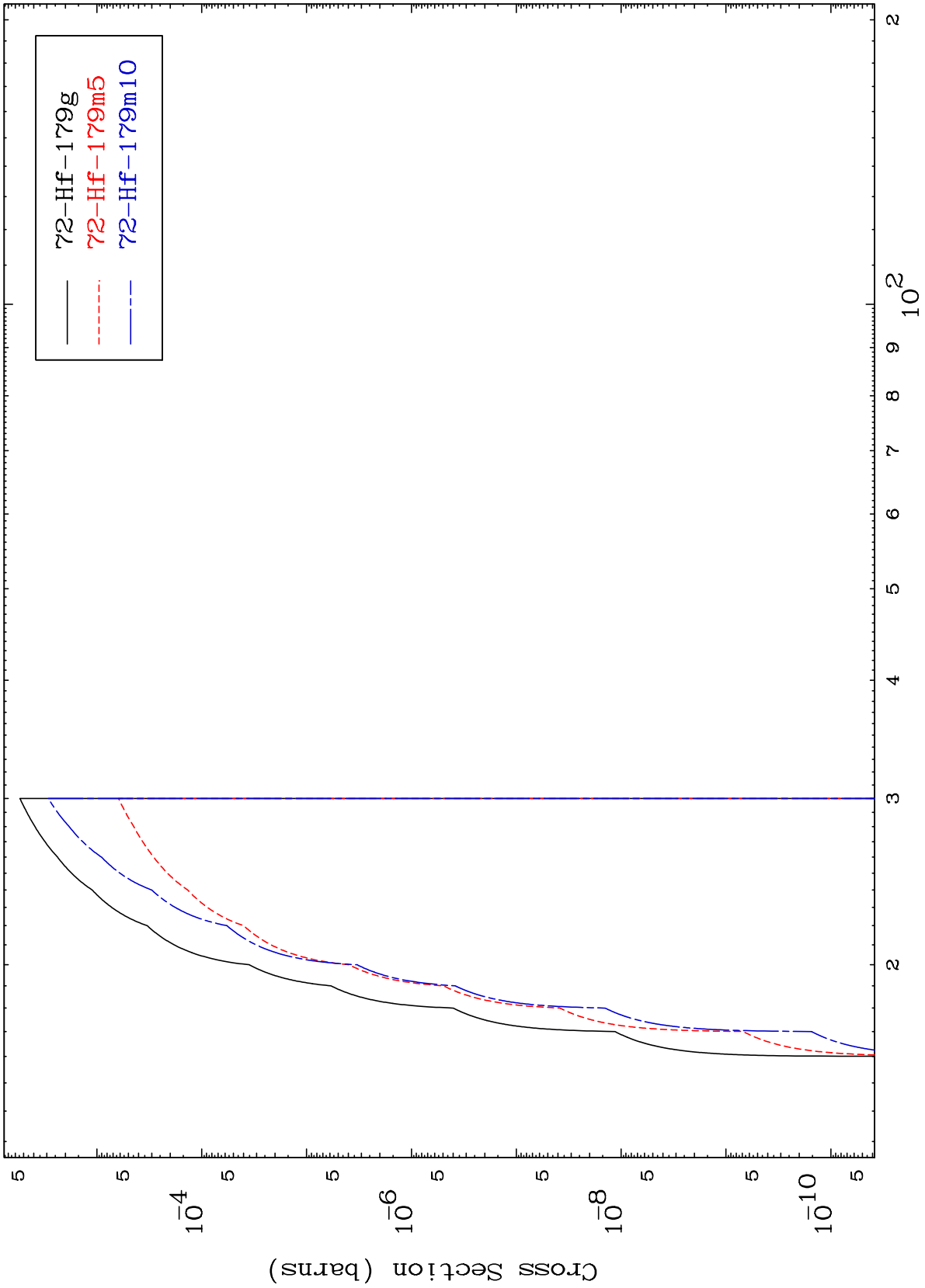
MAT 7140

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

⁷¹Lu-180



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

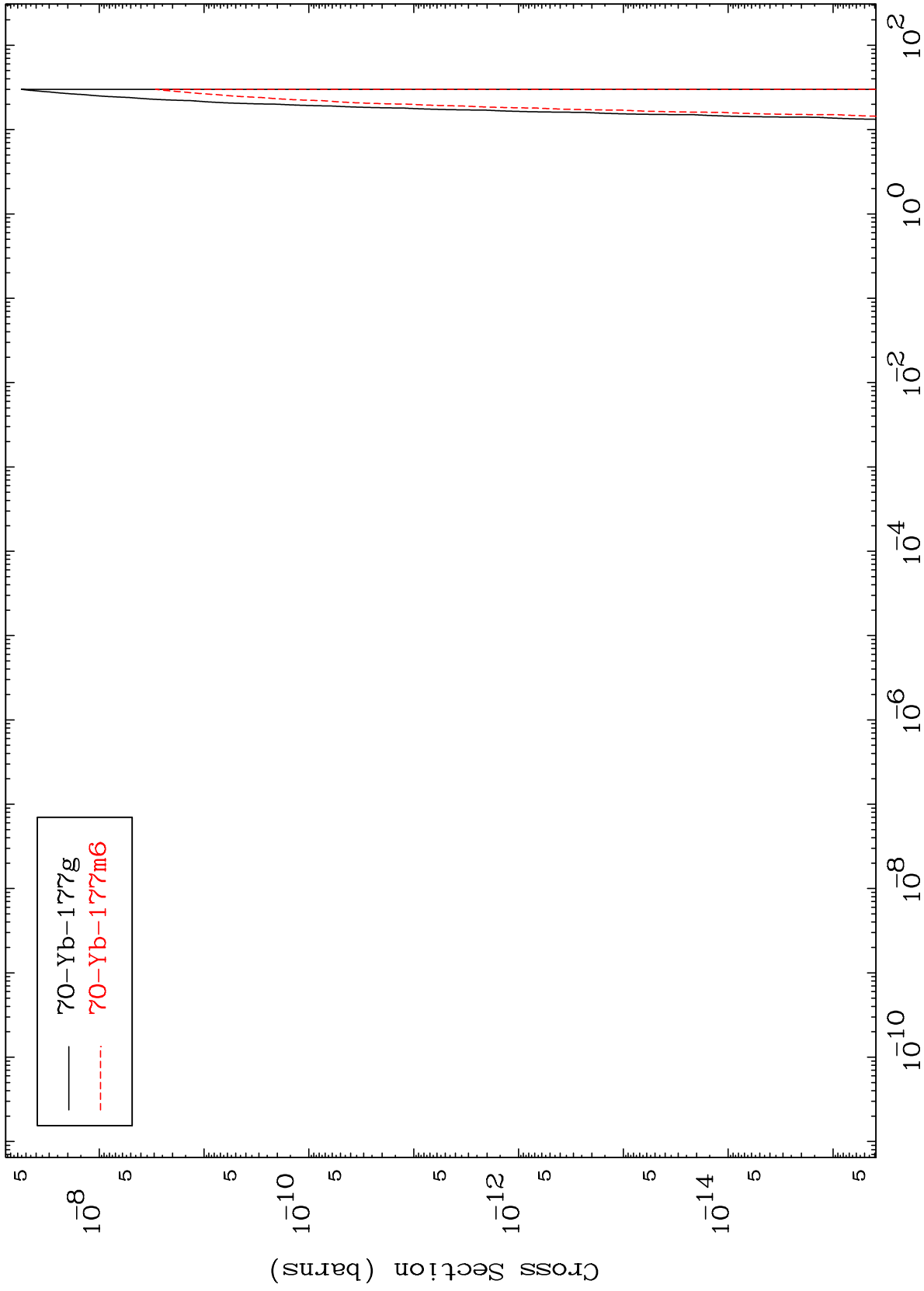


MAT 7140

(He-3,n') p α

$^{71}\text{Lu-180}$

Radionuclide Production Cross Section



23

Incident Energy (MeV)

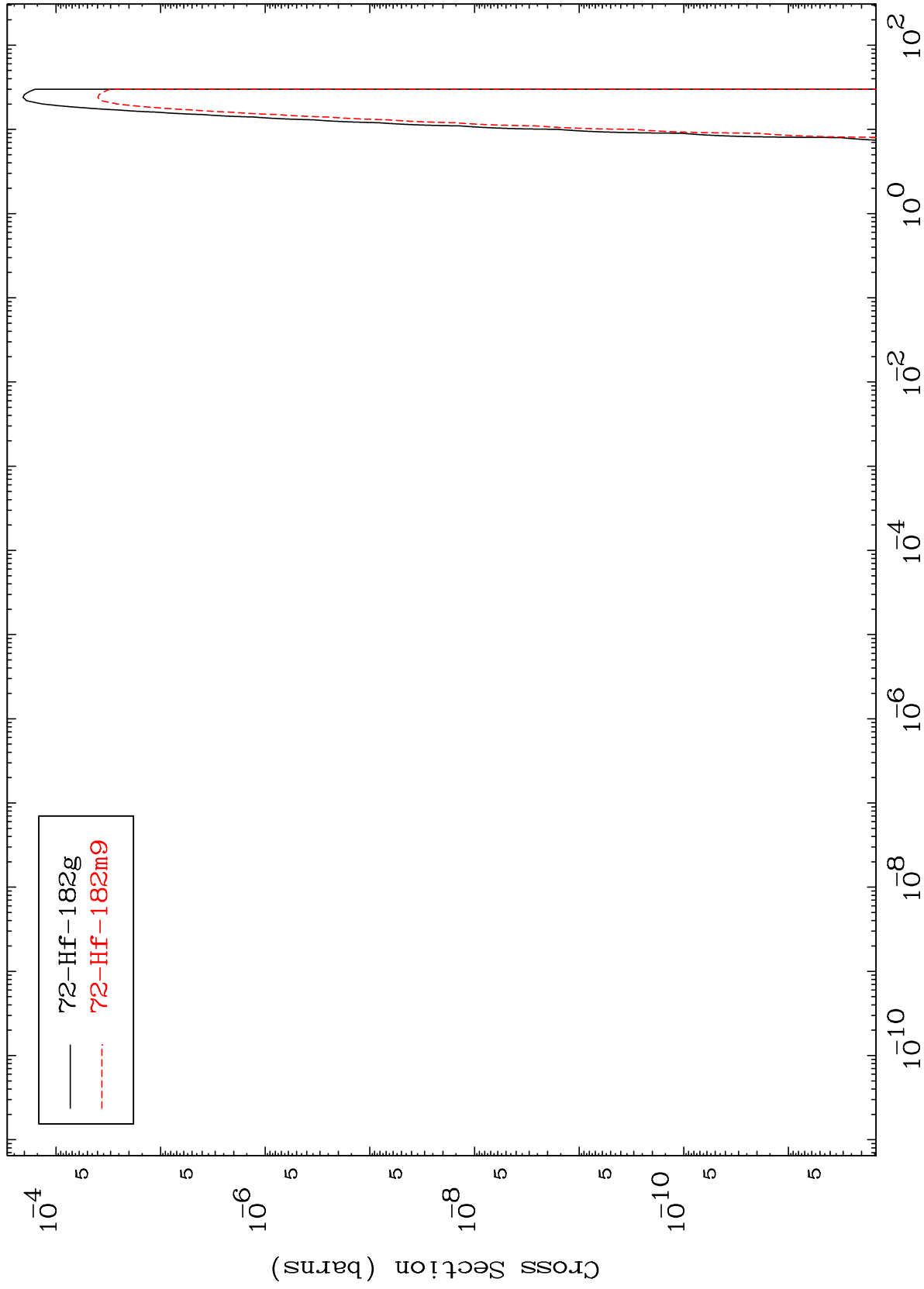
$^{71}\text{Lu-180}$

MAT 7140

(He-3,p)

⁷¹Lu-180

Radionuclide Production Cross Section



24

Incident Energy (MeV)

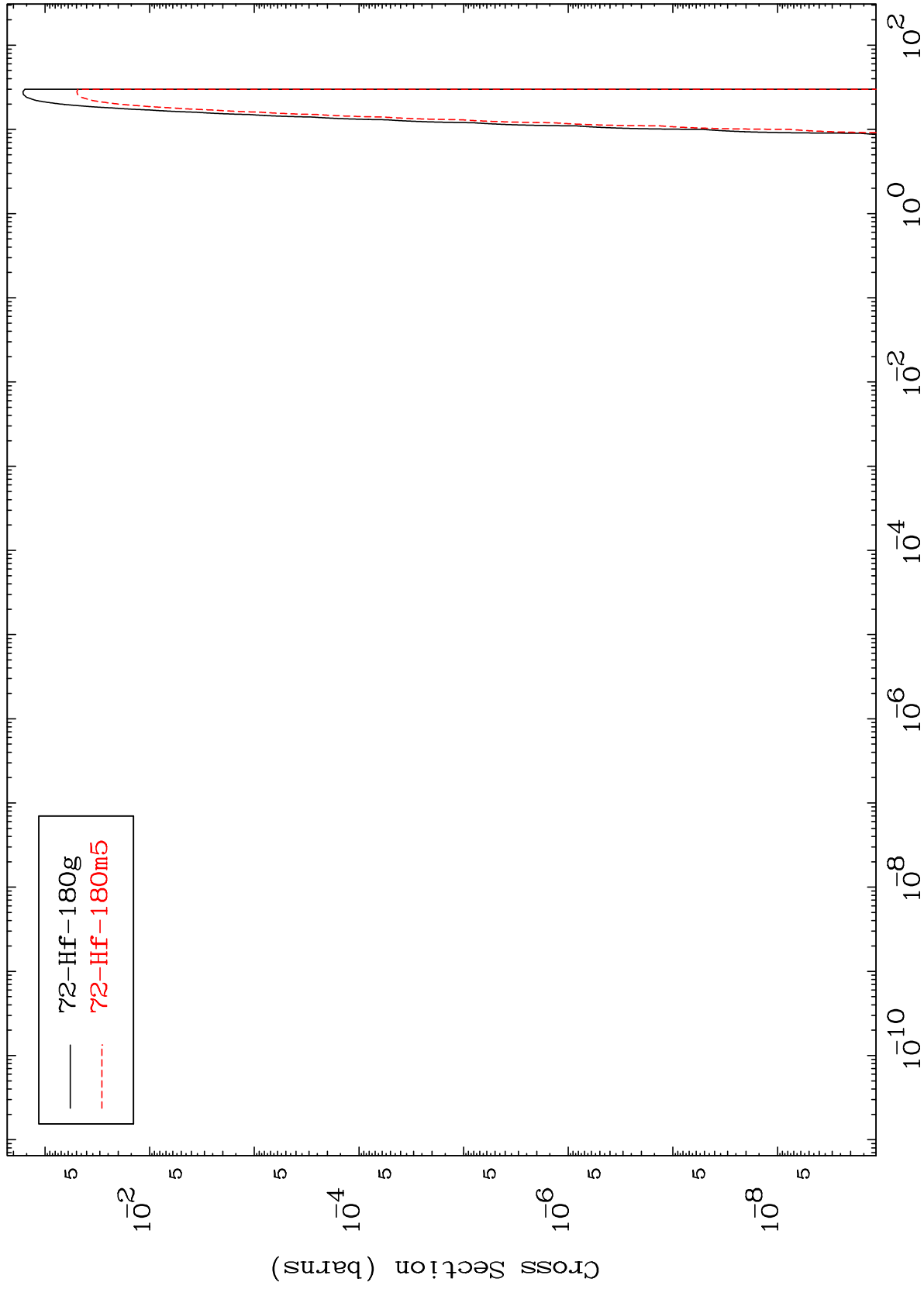
⁷¹Lu-180

MAT 7140

(He-3,t)

71-Lu-180

Radionuclide Production Cross Section



25

Incident Energy (MeV)

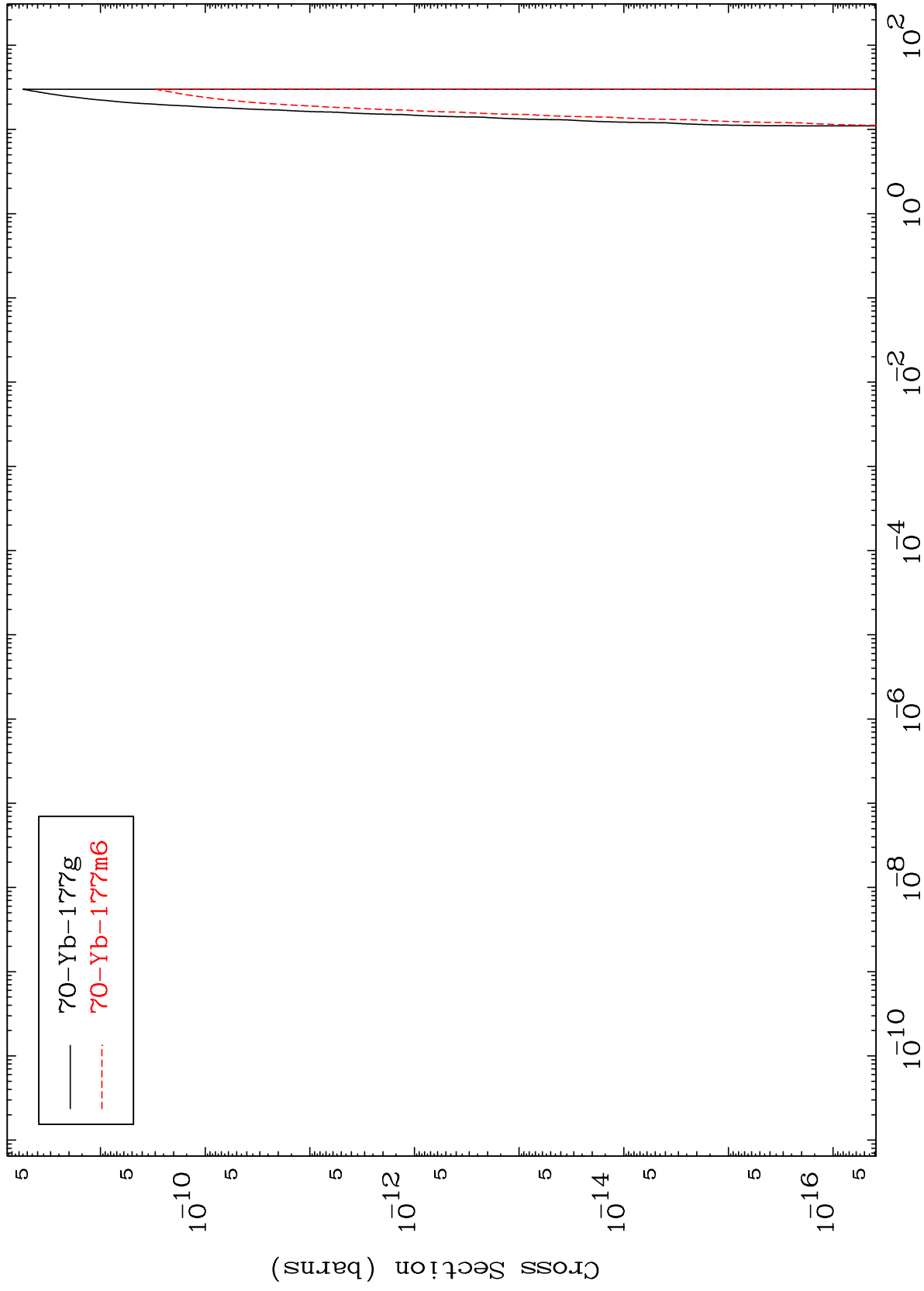
71-Lu-180

MAT 7140

(He-3,d) α

71-Lu-180

Radionuclide Production Cross Section



26

Incident Energy (MeV)

71-Lu-180