

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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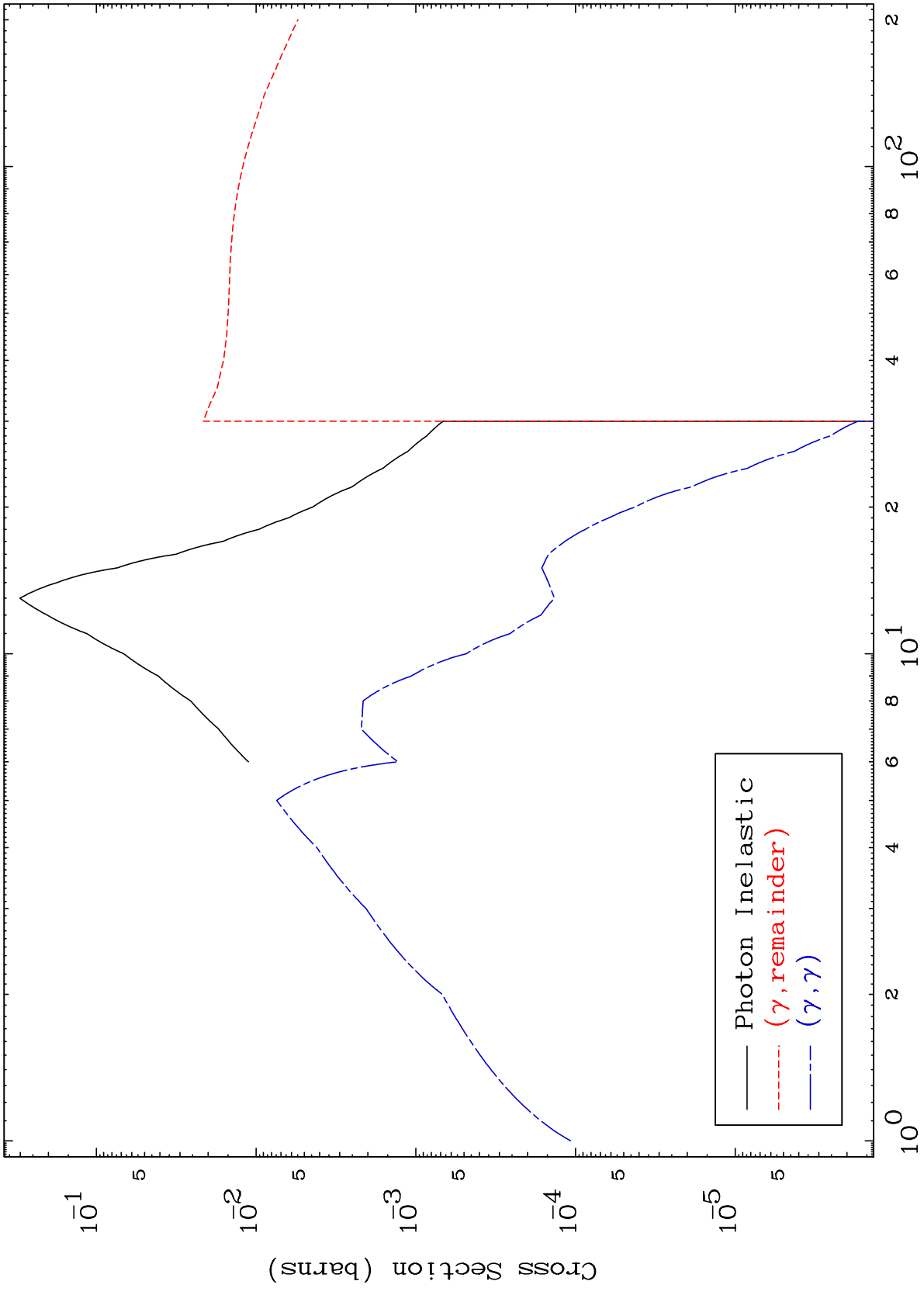
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 7140

Photon Major  
0 Kelvin Cross Sections

71-Lu-180

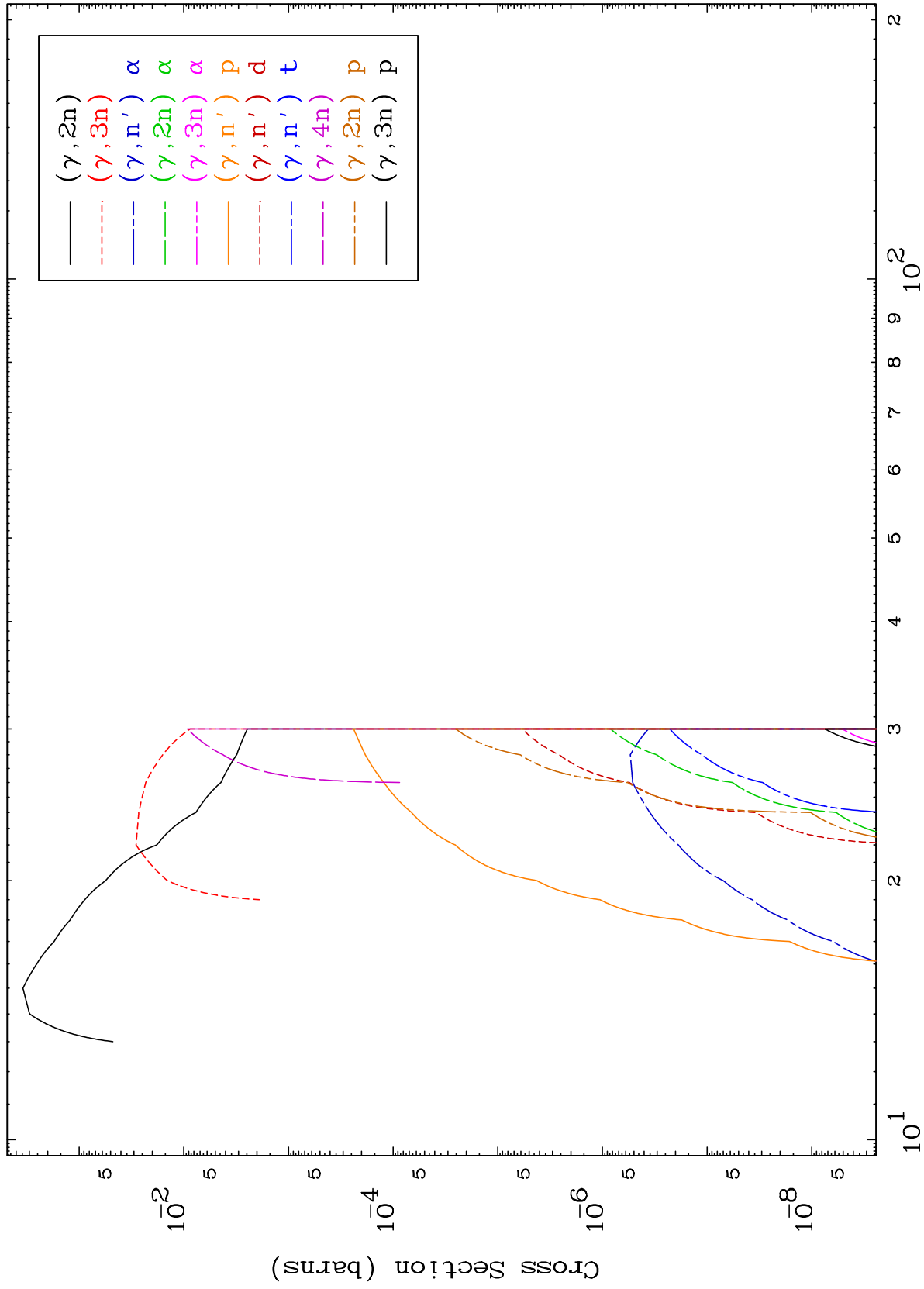


71-Lu-180

MAT 7140

Photon Neutron Production  
0 Kelvin Cross Sections

71-Lu-180



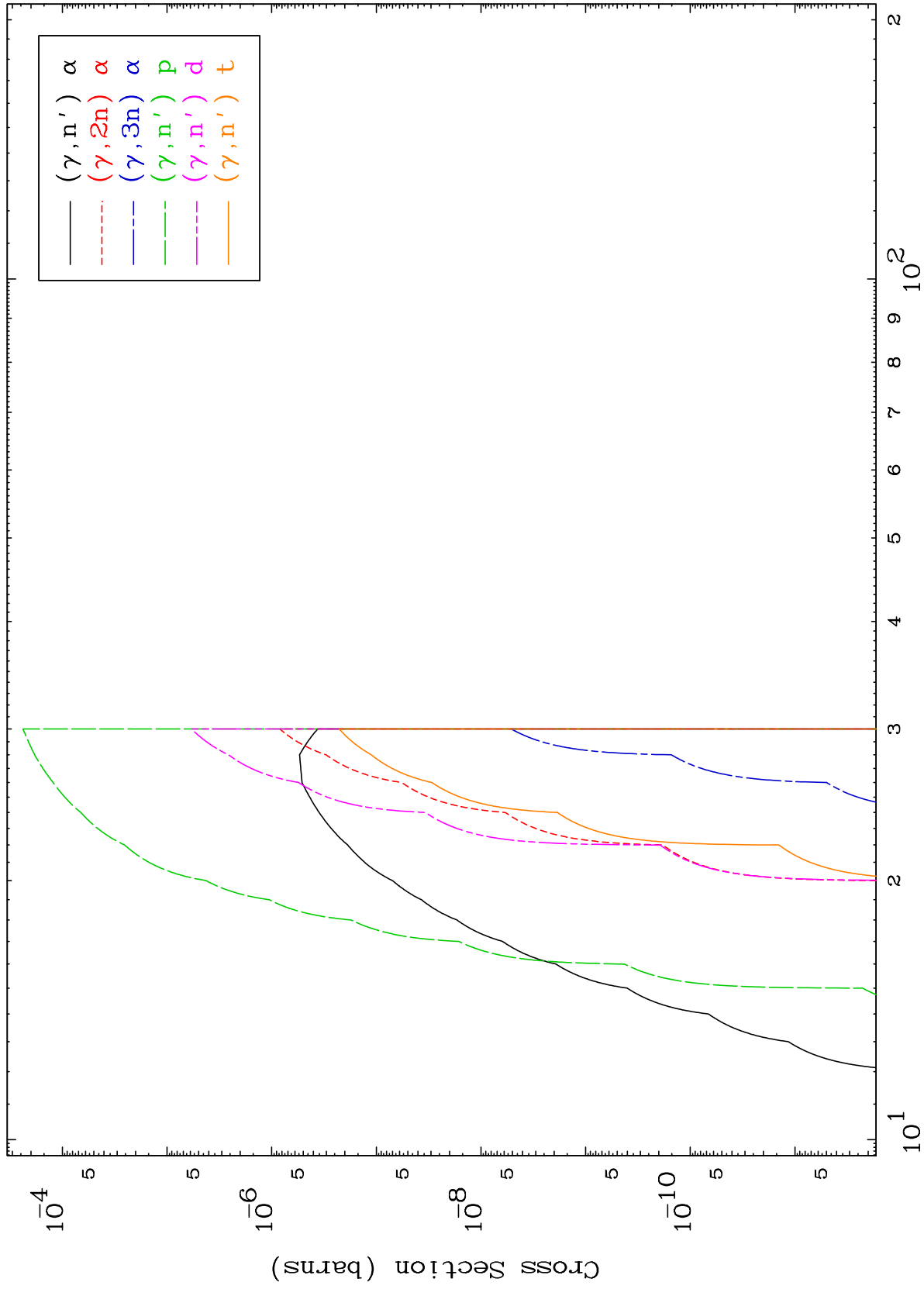
71-Lu-180

Incident Energy (MeV)

MAT 7140

Photon Charged Particle  
0 Kelvin Cross Sections

71-Lu-180



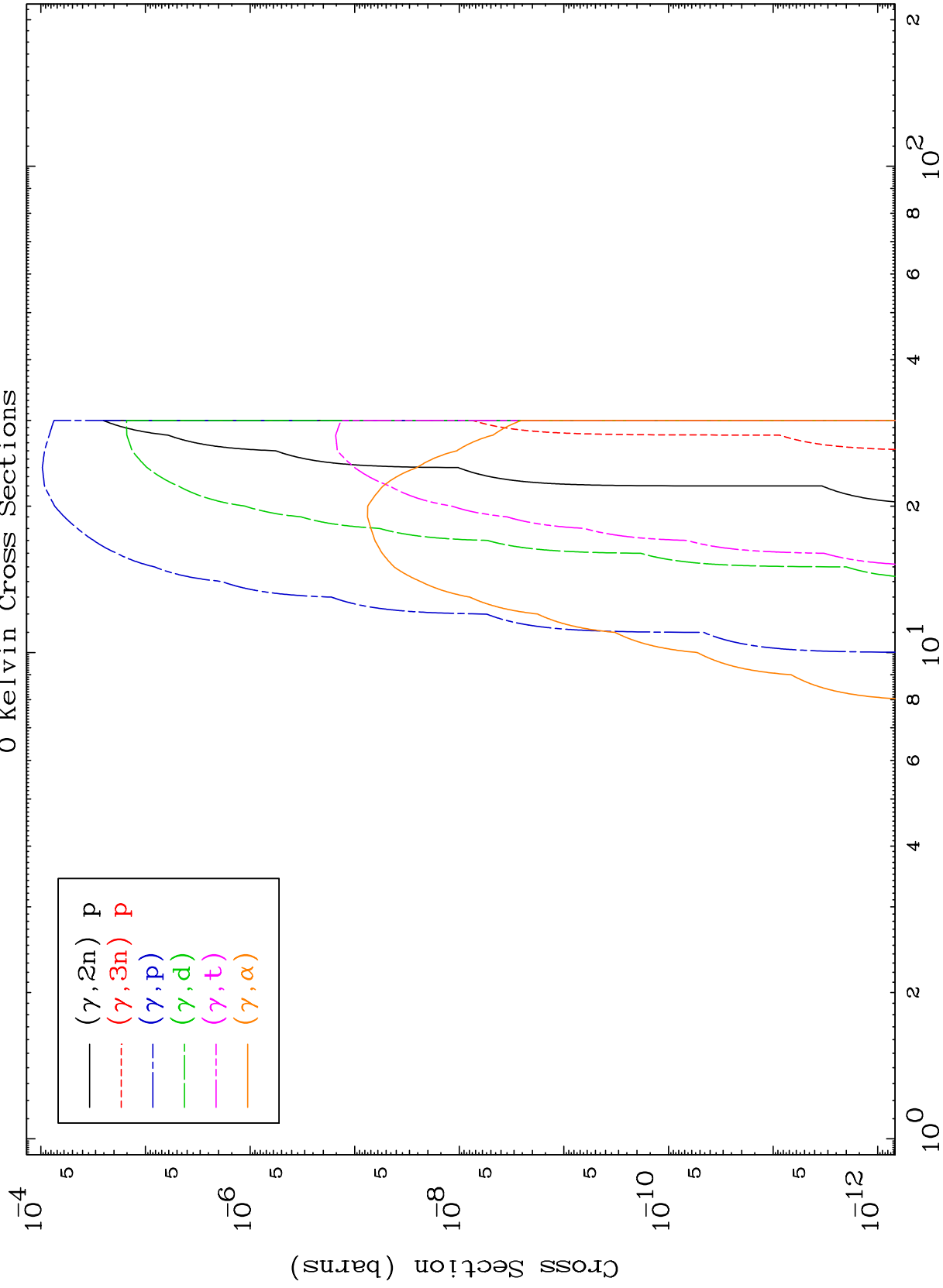
Incident Energy (MeV)

71-Lu-180

MAT 7140

Photon Charged Particle  
0 Kelvin Cross Sections

71-Lu-180



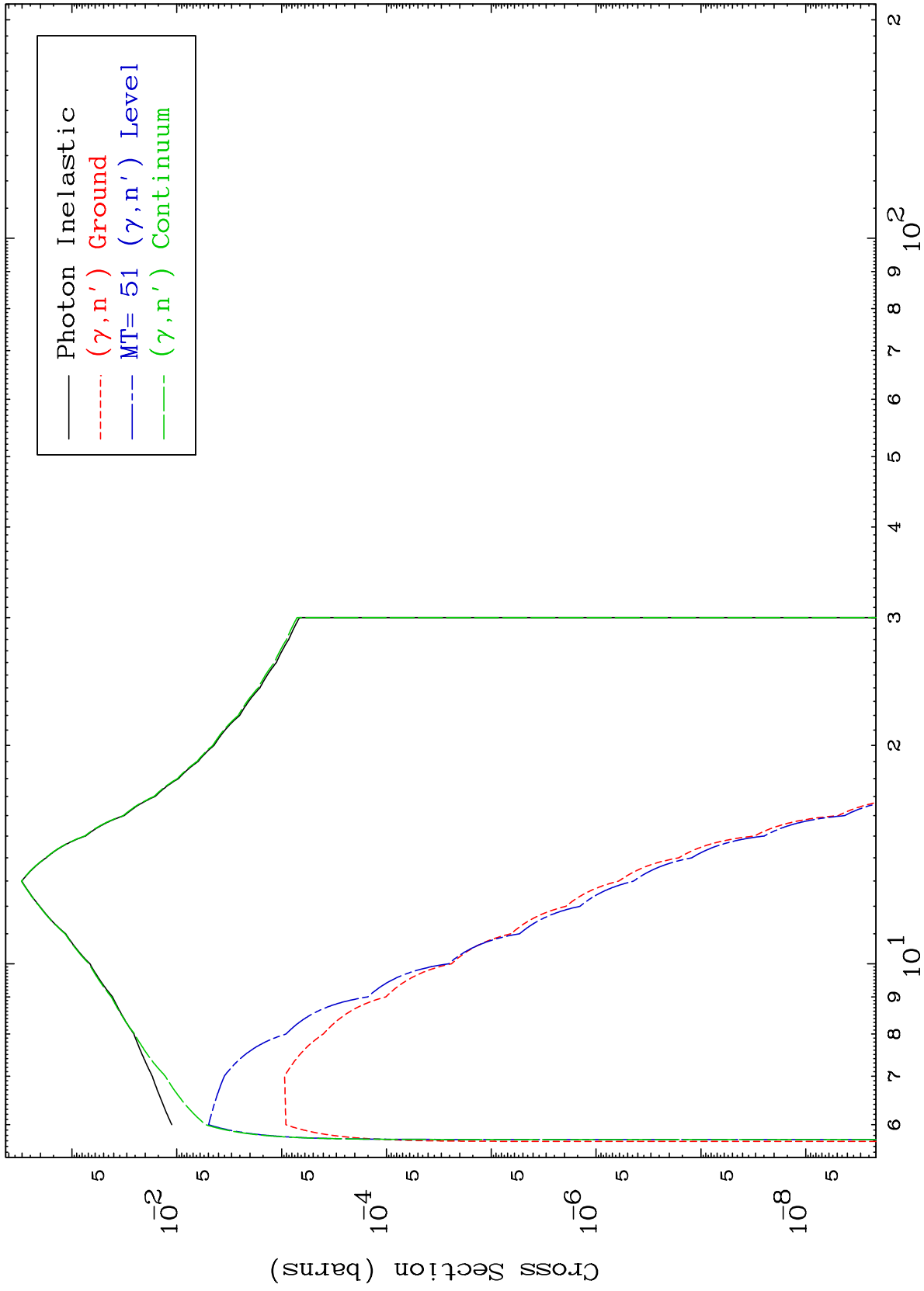
Incident Energy (MeV)

71-Lu-180

MAT 7140

$(\gamma, n')$  Level  
0 Kelvin Cross Sections

71-Lu-180



5

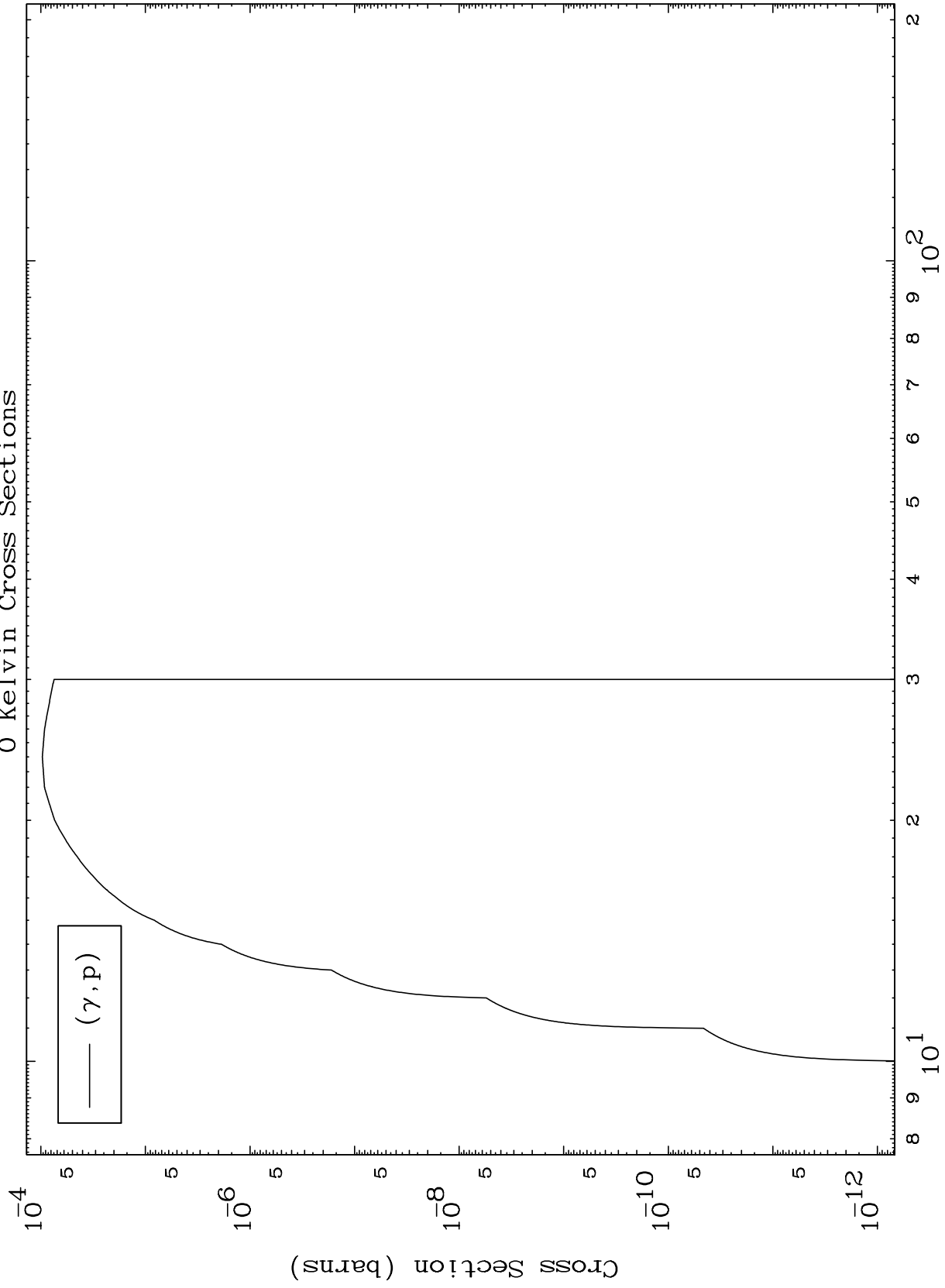
Incident Energy (MeV)

71-Lu-180

MAT 7140

( $\gamma, p$ ) Levels  
0 Kelvin Cross Sections

71-Lu-180



6

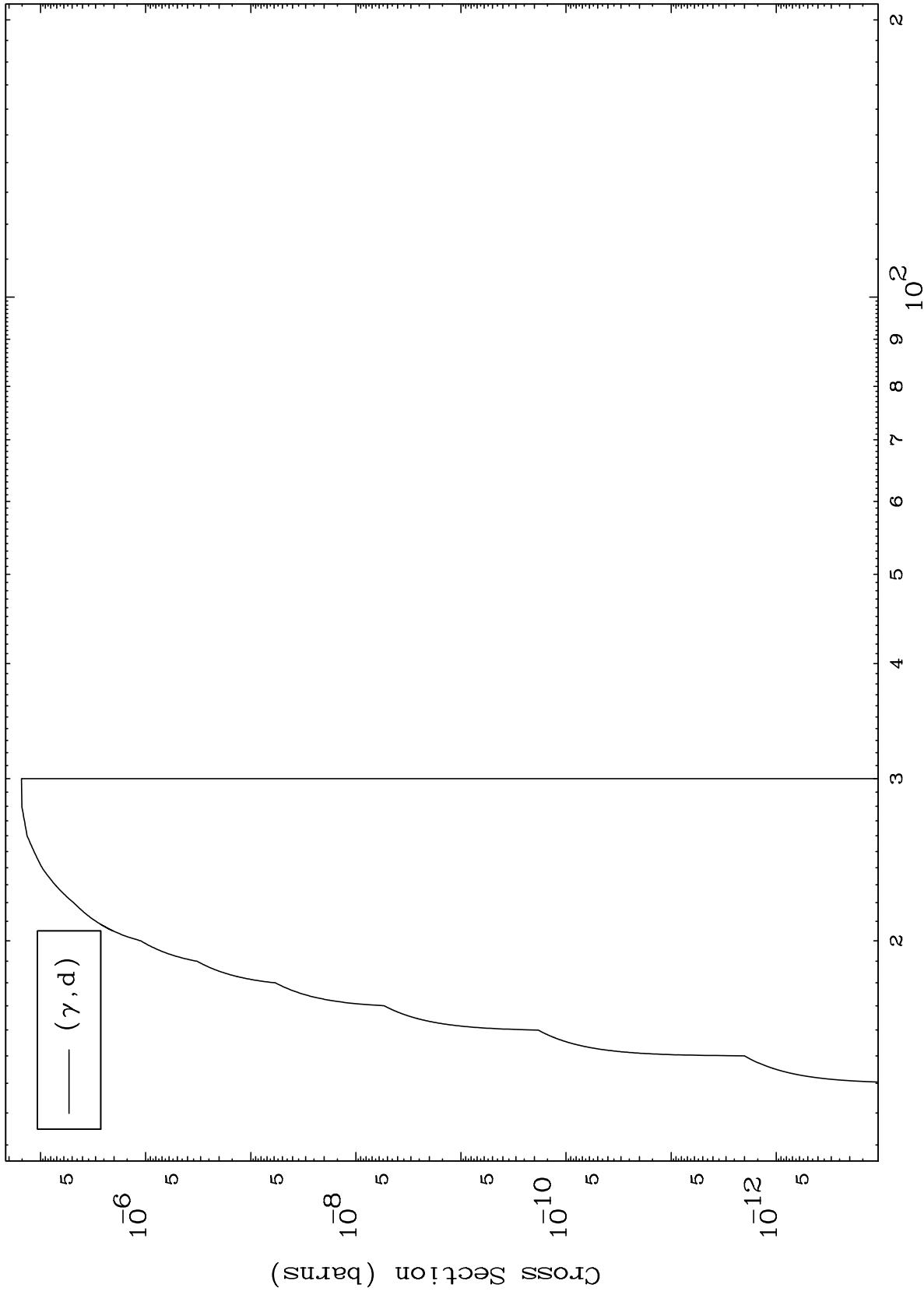
Incident Energy (MeV)

71-Lu-180

MAT 7140

( $\gamma, d$ ) Levels  
0 Kelvin Cross Sections

71-Lu-180



7

Incident Energy (MeV)

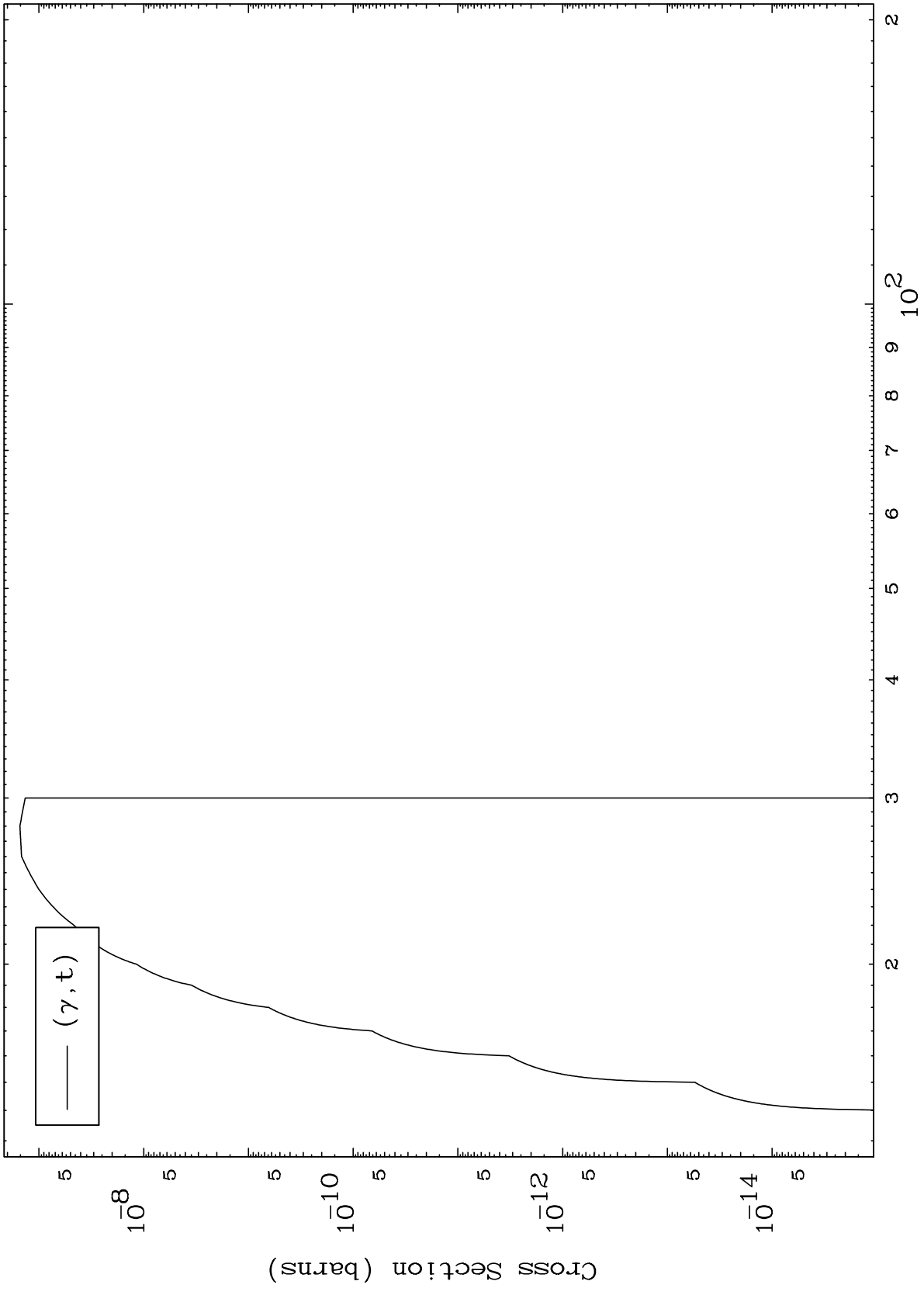
71-Lu-180



MAT 7140

( $\gamma, t$ ) Levels  
0 Kelvin Cross Sections

<sup>71</sup>Lu-180



8

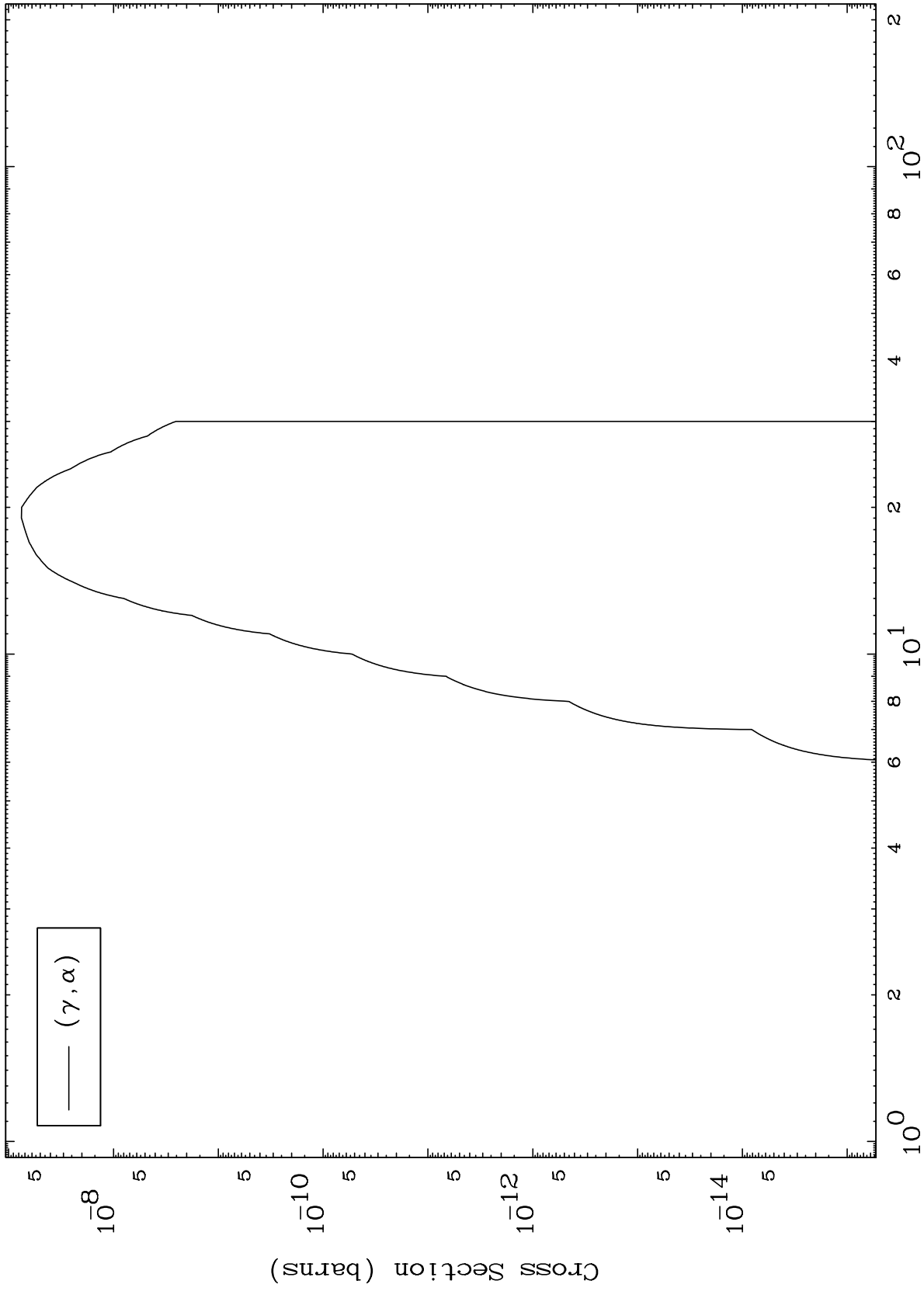
Incident Energy (MeV)

<sup>71</sup>Lu-180

MAT 7140

( $\gamma, \alpha$ ) Levels  
0 Kelvin Cross Sections

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



Incident Energy (MeV)

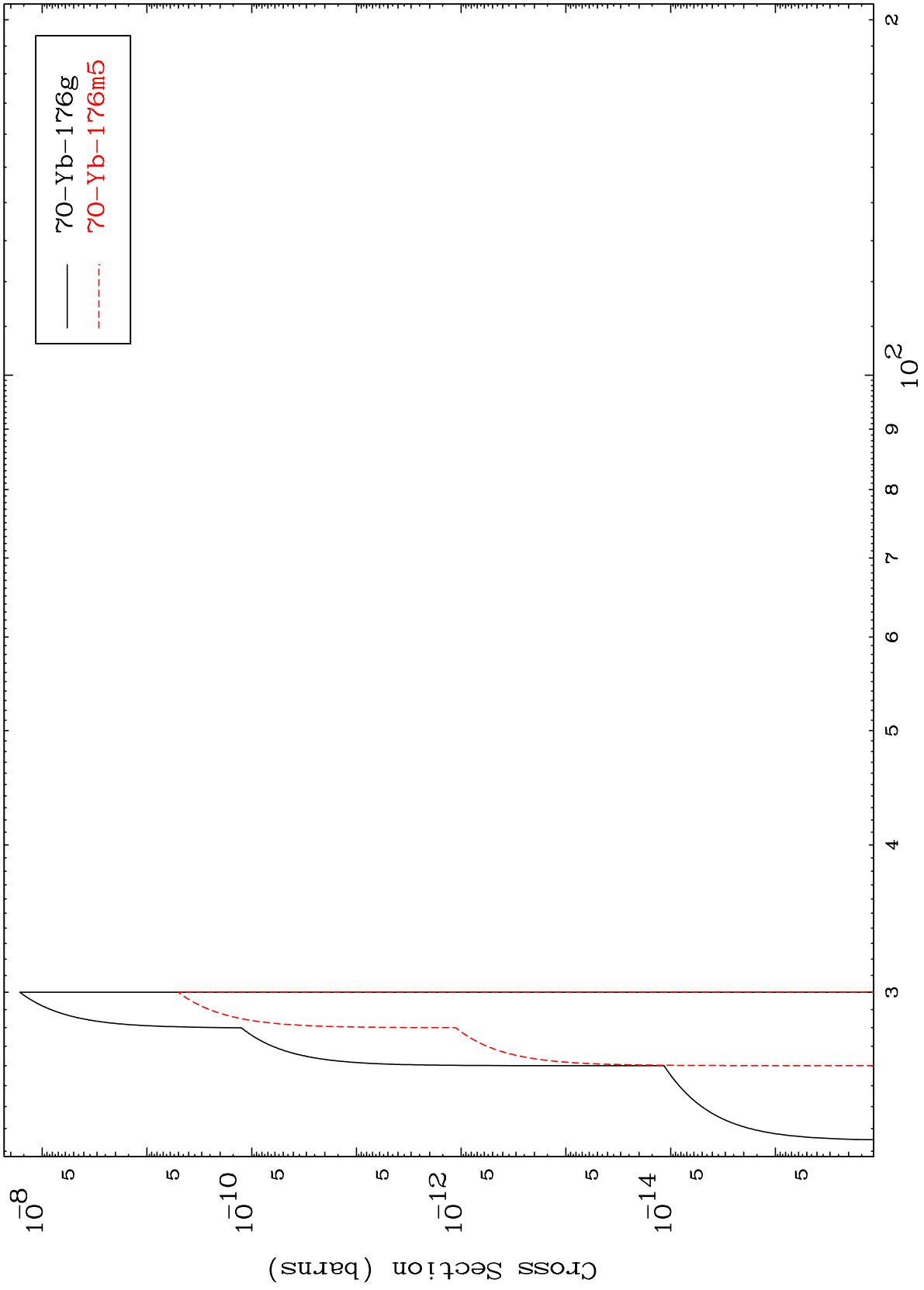
$^{71}\text{Lu-180}$

MAT 7140

( $\gamma, 2n$ ) d

71-Lu-180

Radionuclide Production Cross Section



10

Incident Energy (MeV)

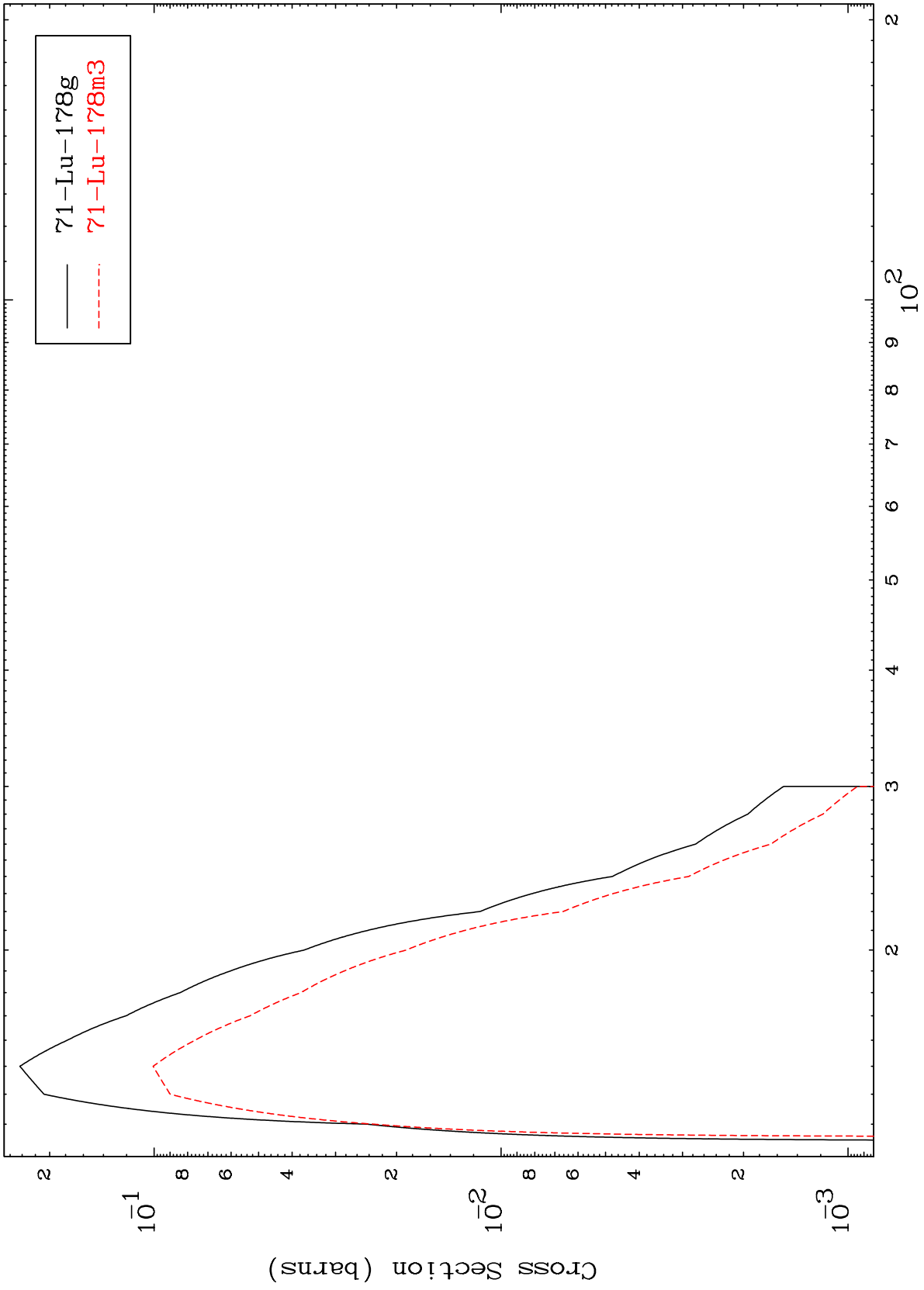
$10^2$

71-Lu-180

MAT 7140

71-Lu-180

( $\gamma, 2n$ )  
Radionuclide Production Cross Section



11

Incident Energy (MeV)

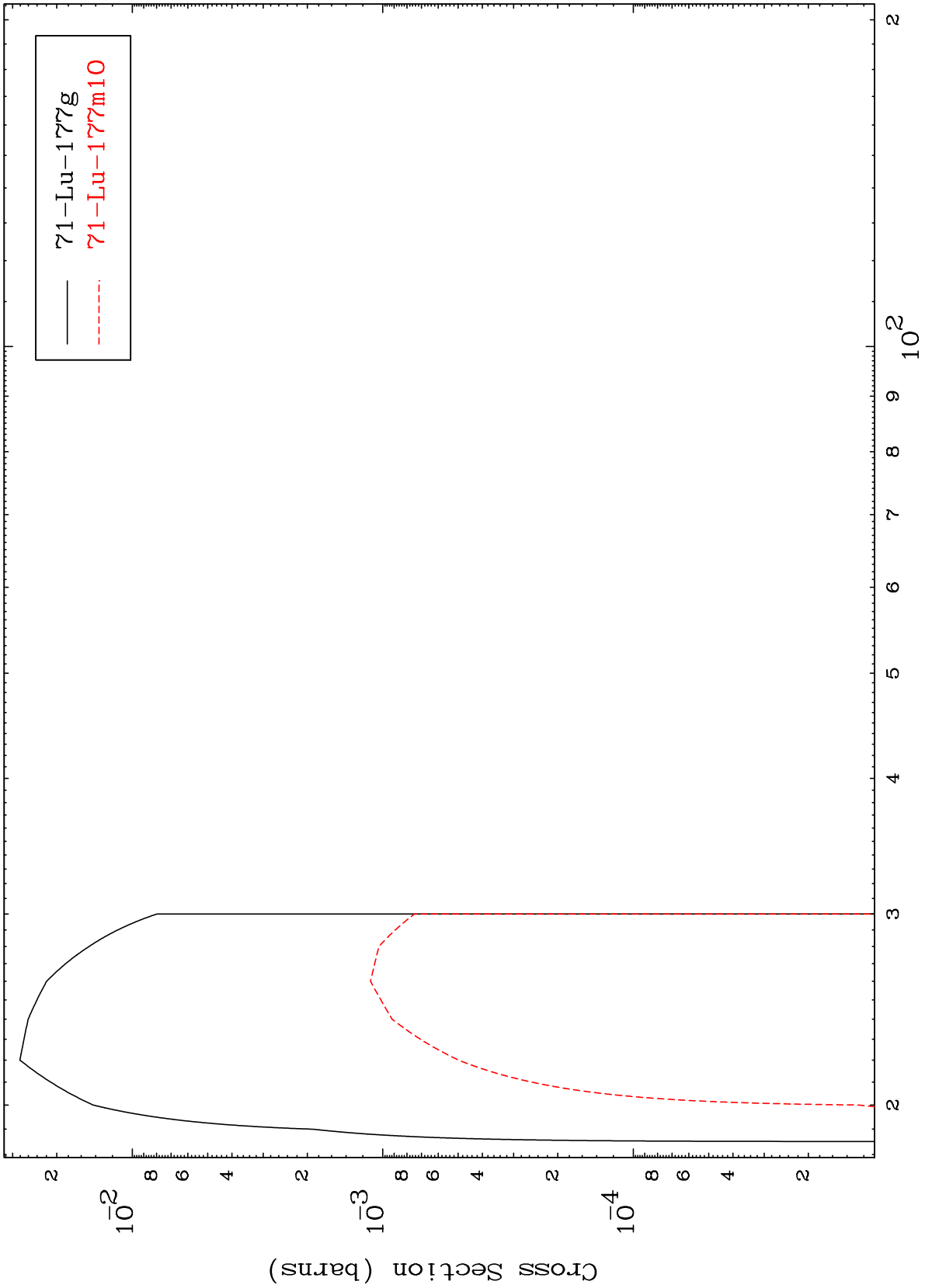
71-Lu-180

MAT 7140

( $\gamma, 3n$ )

71-Lu-180

Radionuclide Production Cross Section



12

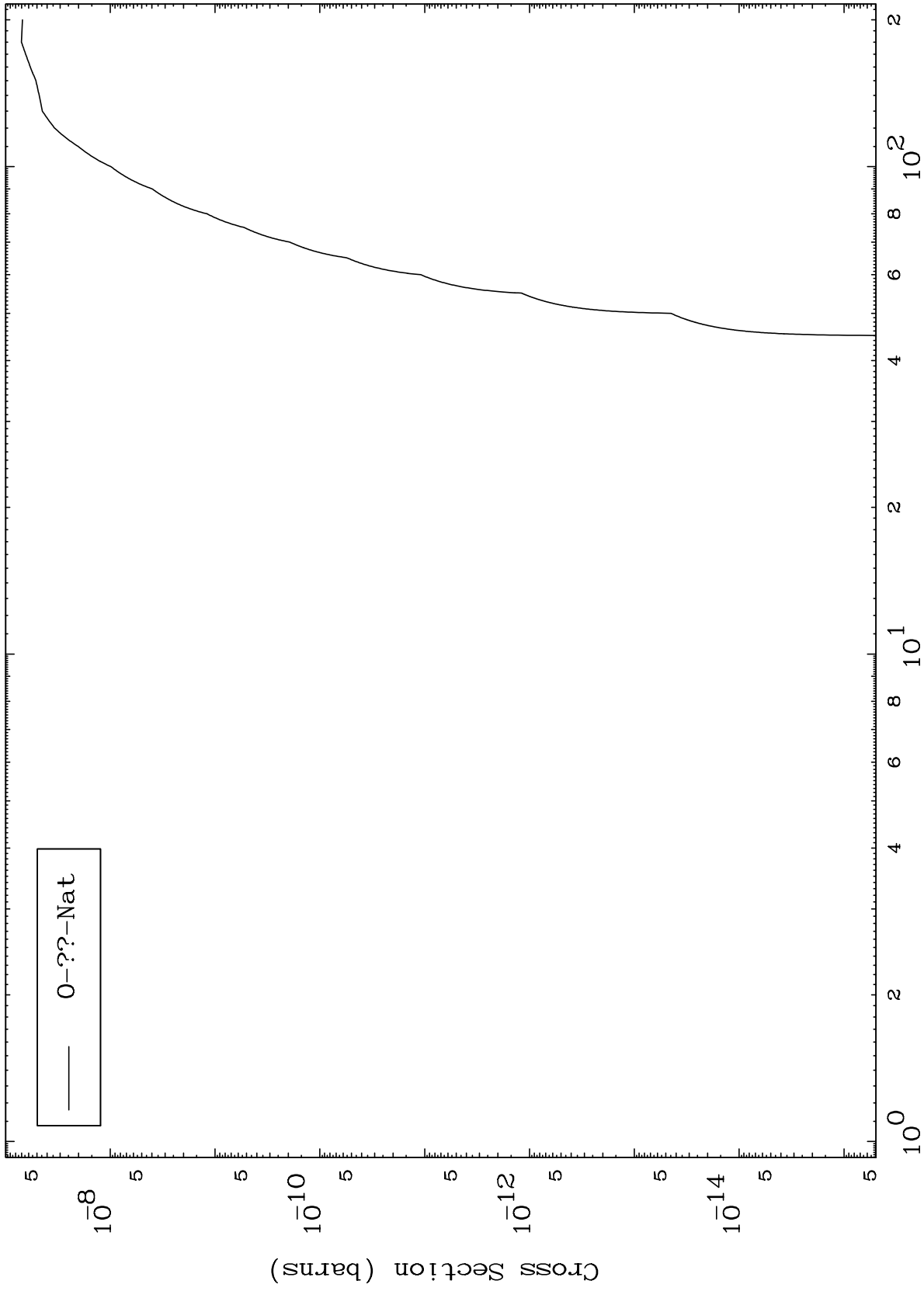
Incident Energy (MeV)

71-Lu-180

MAT 7140

Photon Fission  
Radionuclide Production Cross Section

<sup>71</sup>Lu-180



13

Incident Energy (MeV)

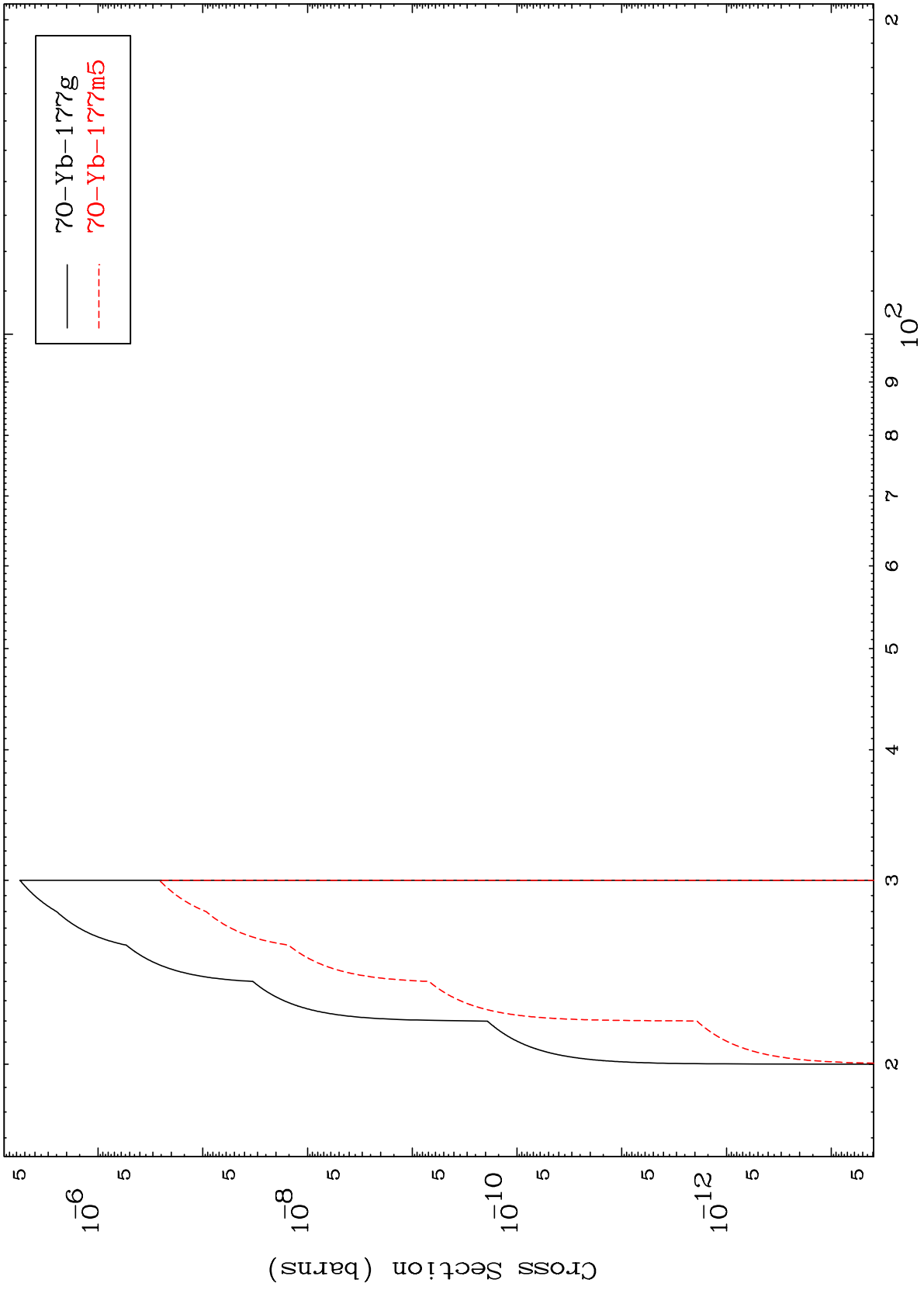
<sup>71</sup>Lu-180

MAT 7140

( $\gamma, n'$ ) d

71-Lu-180

Radionuclide Production Cross Section



14

Incident Energy (MeV)

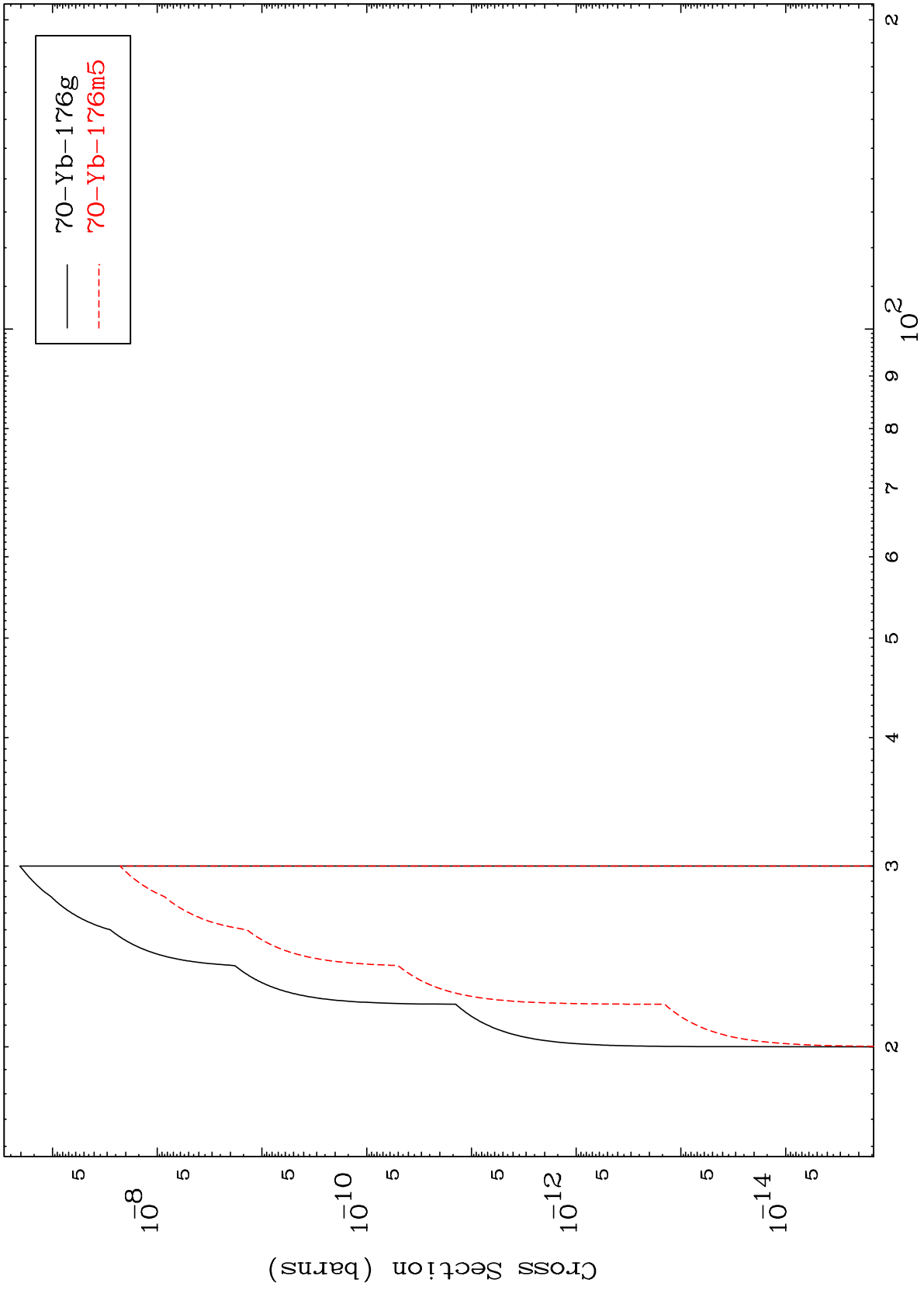
71-Lu-180

MAT 7140

( $\gamma, n'$ ) t

71-Lu-180

Radionuclide Production Cross Section



15

Incident Energy (MeV)

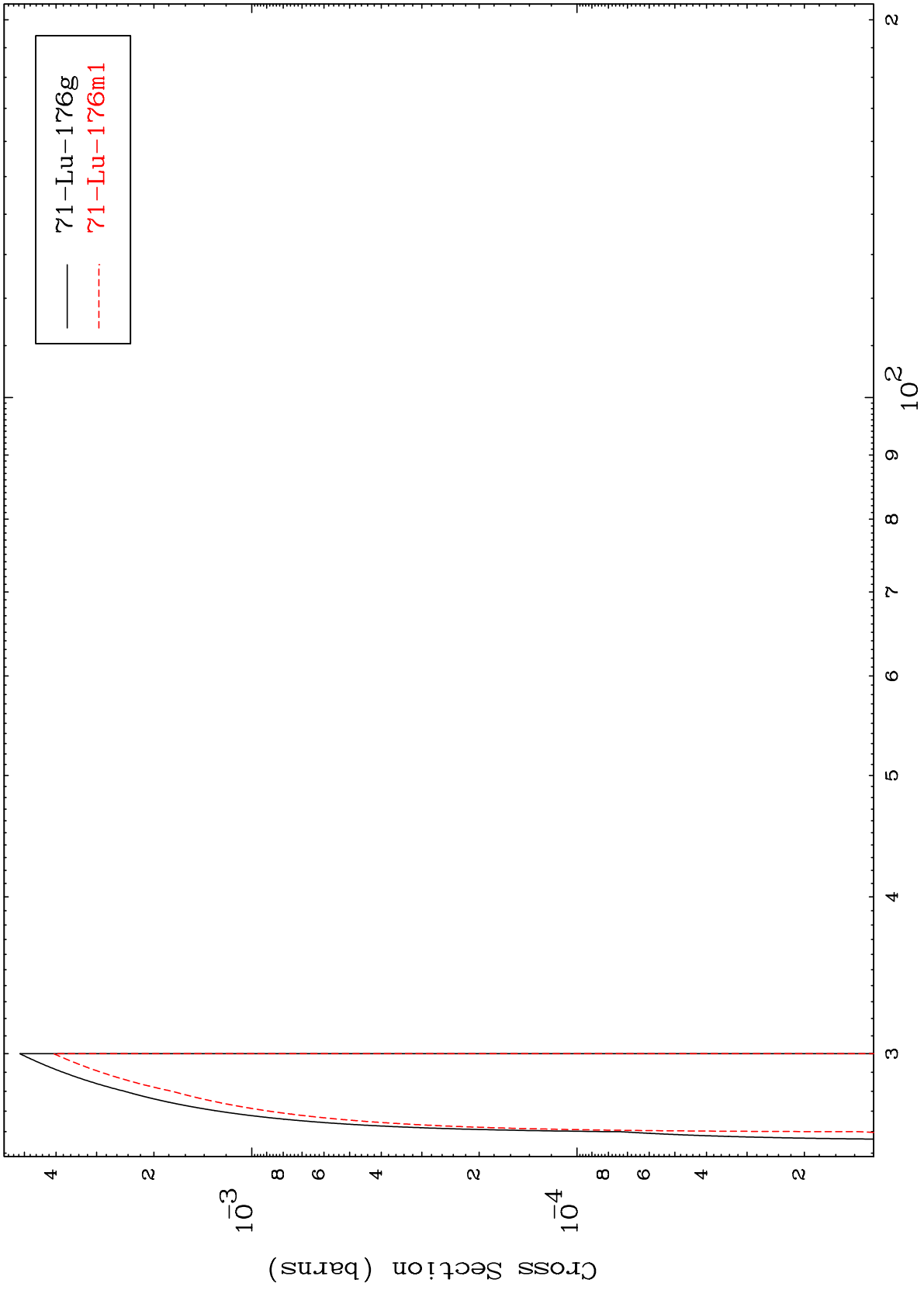
71-Lu-180



MAT 7140

71-Lu-180

( $\gamma, 4n$ )  
Radionuclide Production Cross Section



16

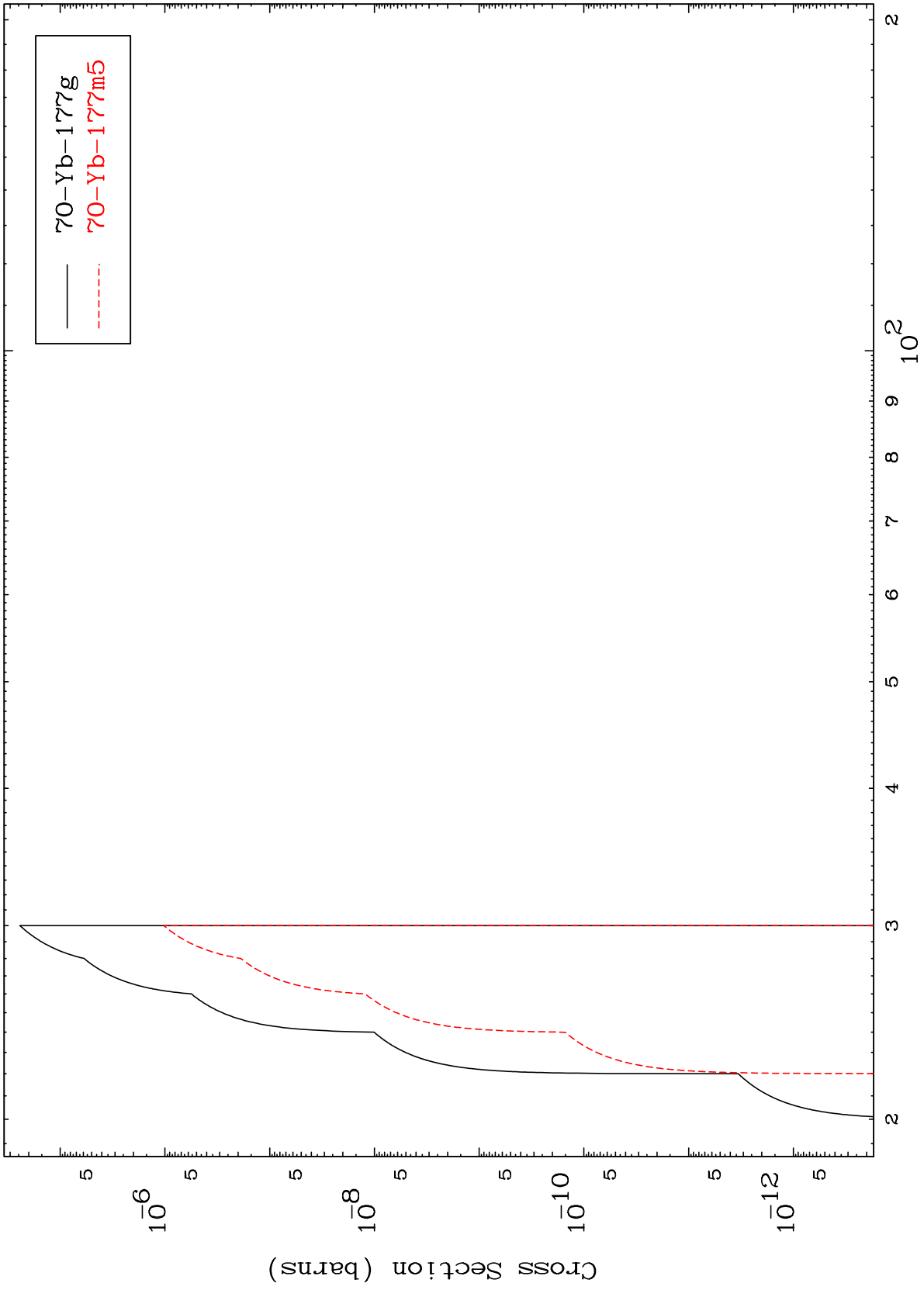
71-Lu-180

MAT 7140

( $\gamma, 2n$ ) p

71-Lu-180

Radionuclide Production Cross Section



17

Incident Energy (MeV)

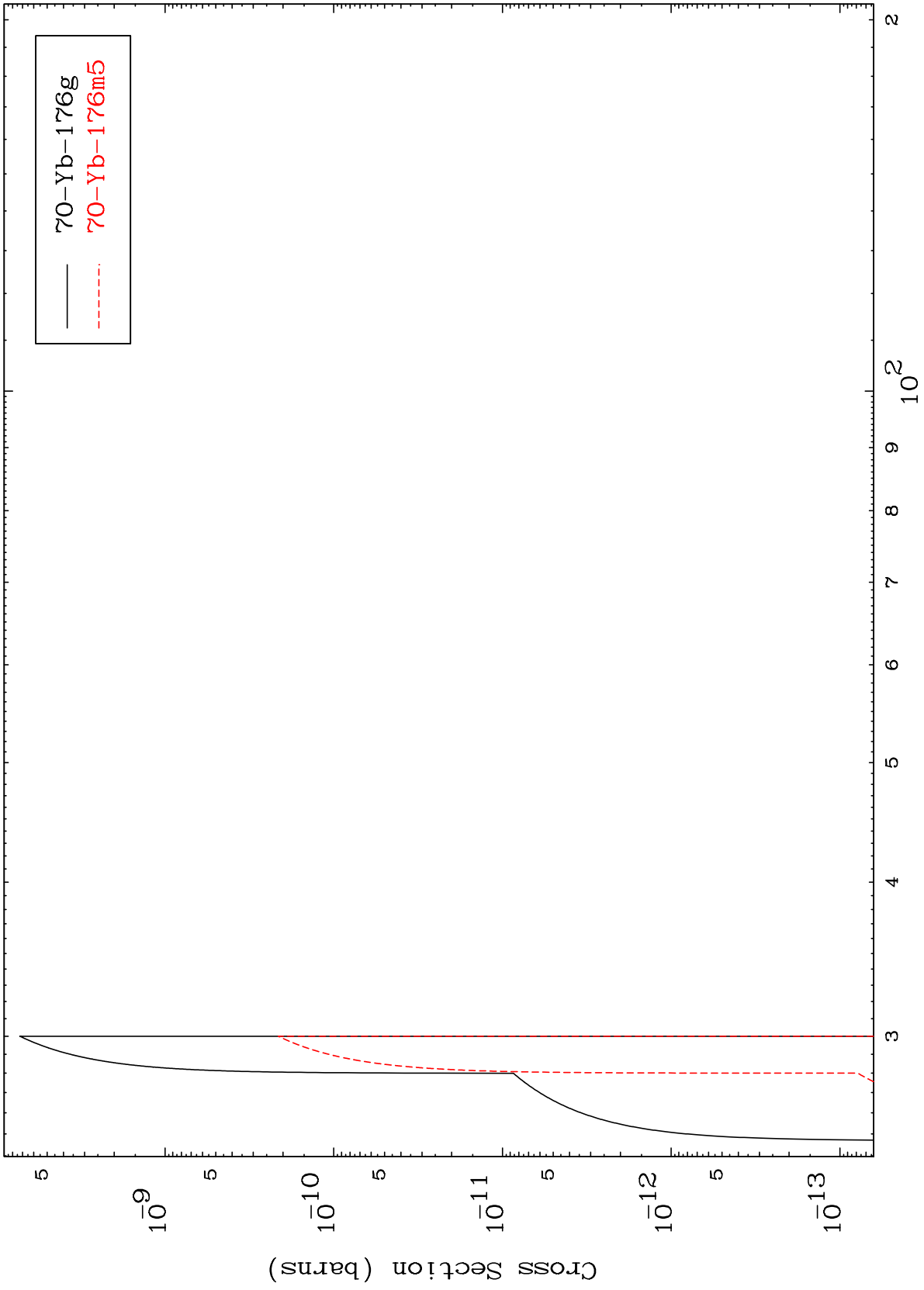
71-Lu-180

MAT 7140

( $\gamma, 3n$ ) p

<sup>71</sup>Lu-180

Radionuclide Production Cross Section



18

Incident Energy (MeV)

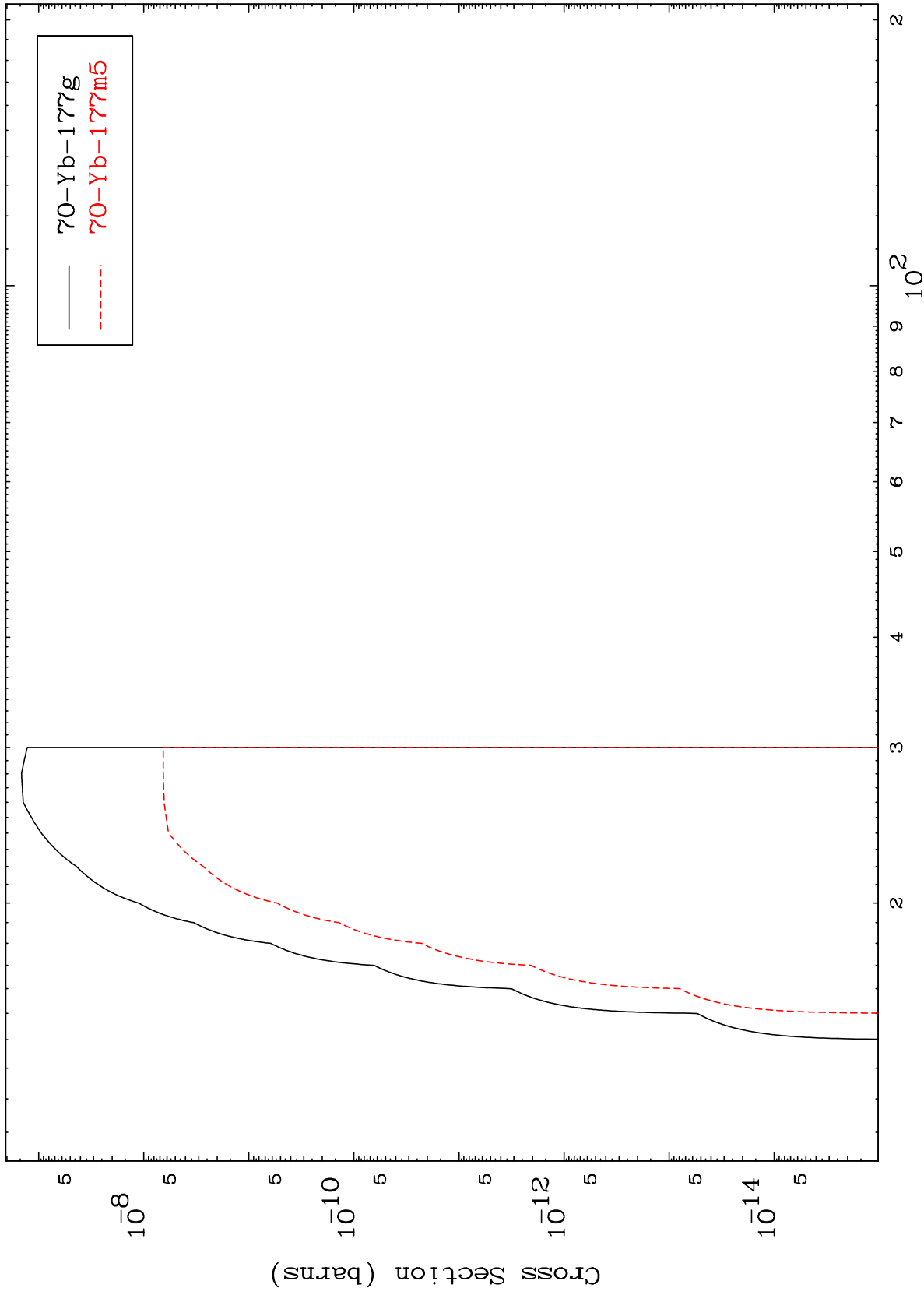
<sup>71</sup>Lu-180

MAT 7140

( $\gamma, t$ )

71-Lu-180

Radionuclide Production Cross Section



19

Incident Energy (MeV)

71-Lu-180