

Program EVALPLOT  
(Version 2018-1)

by

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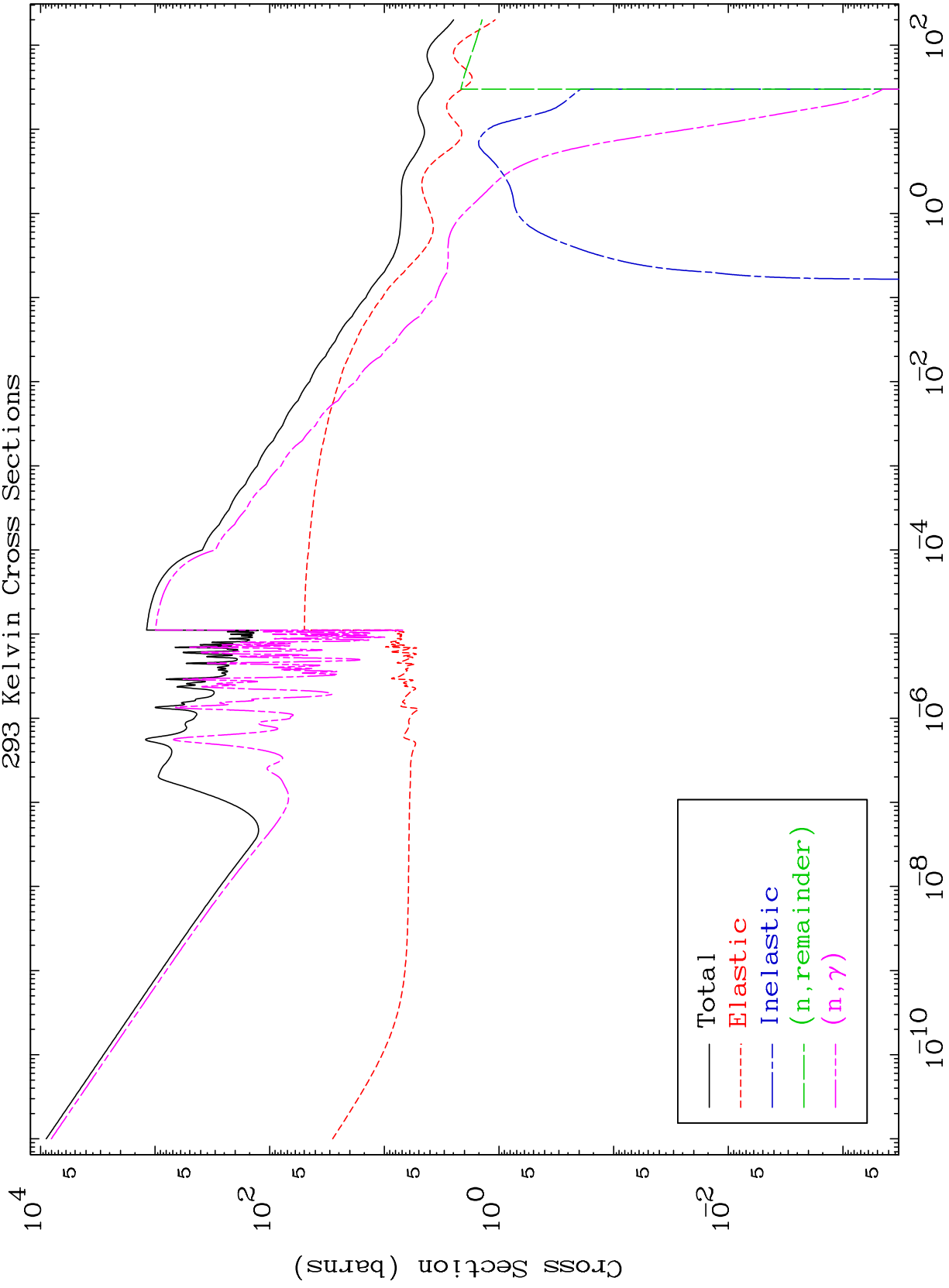
Press Mouse Button to Start

MAT 7077

Major

293 Kelvin Cross Sections

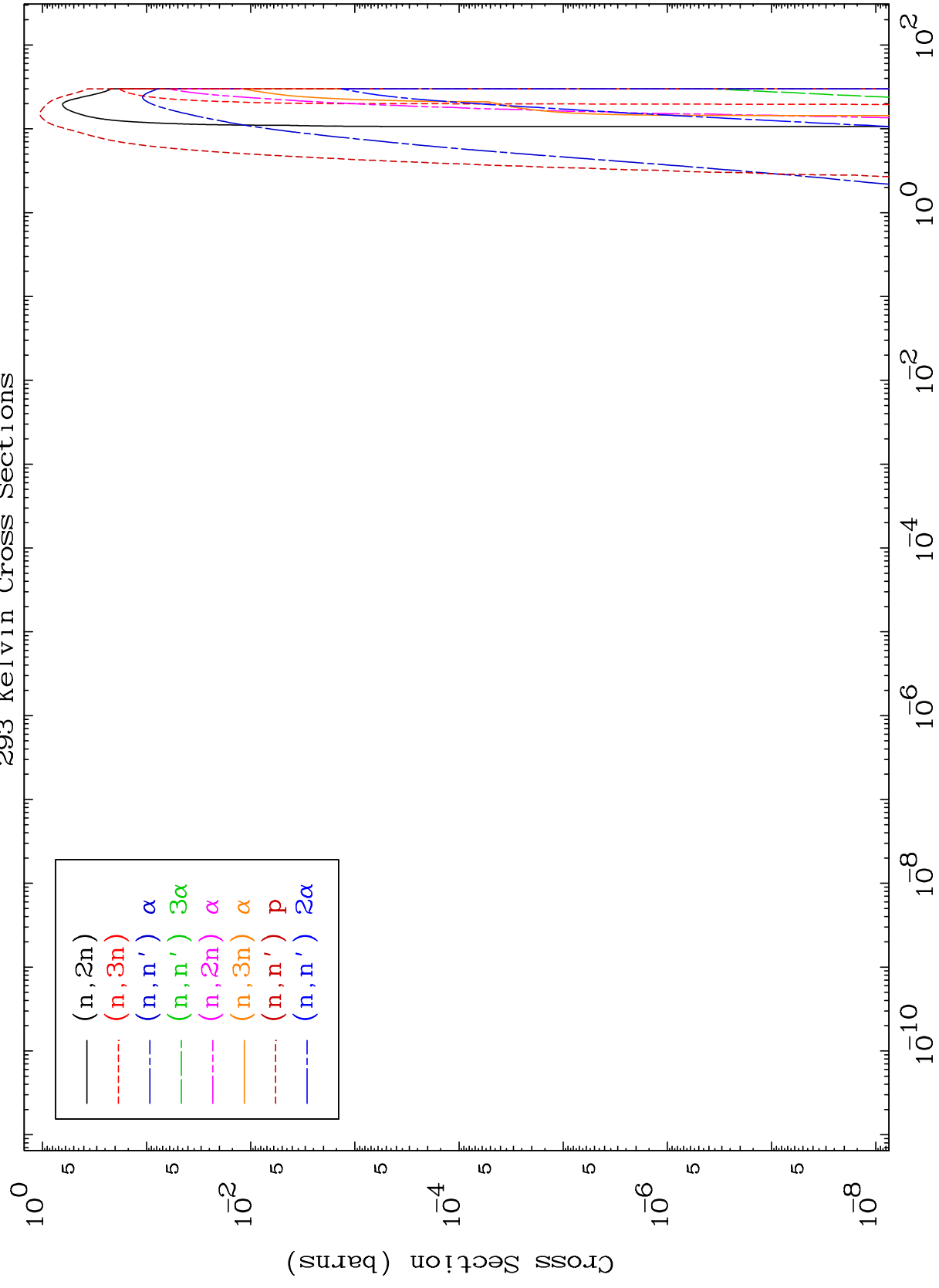
71-Lu-159



MAT 7077

Neutron Production  
293 Kelvin Cross Sections

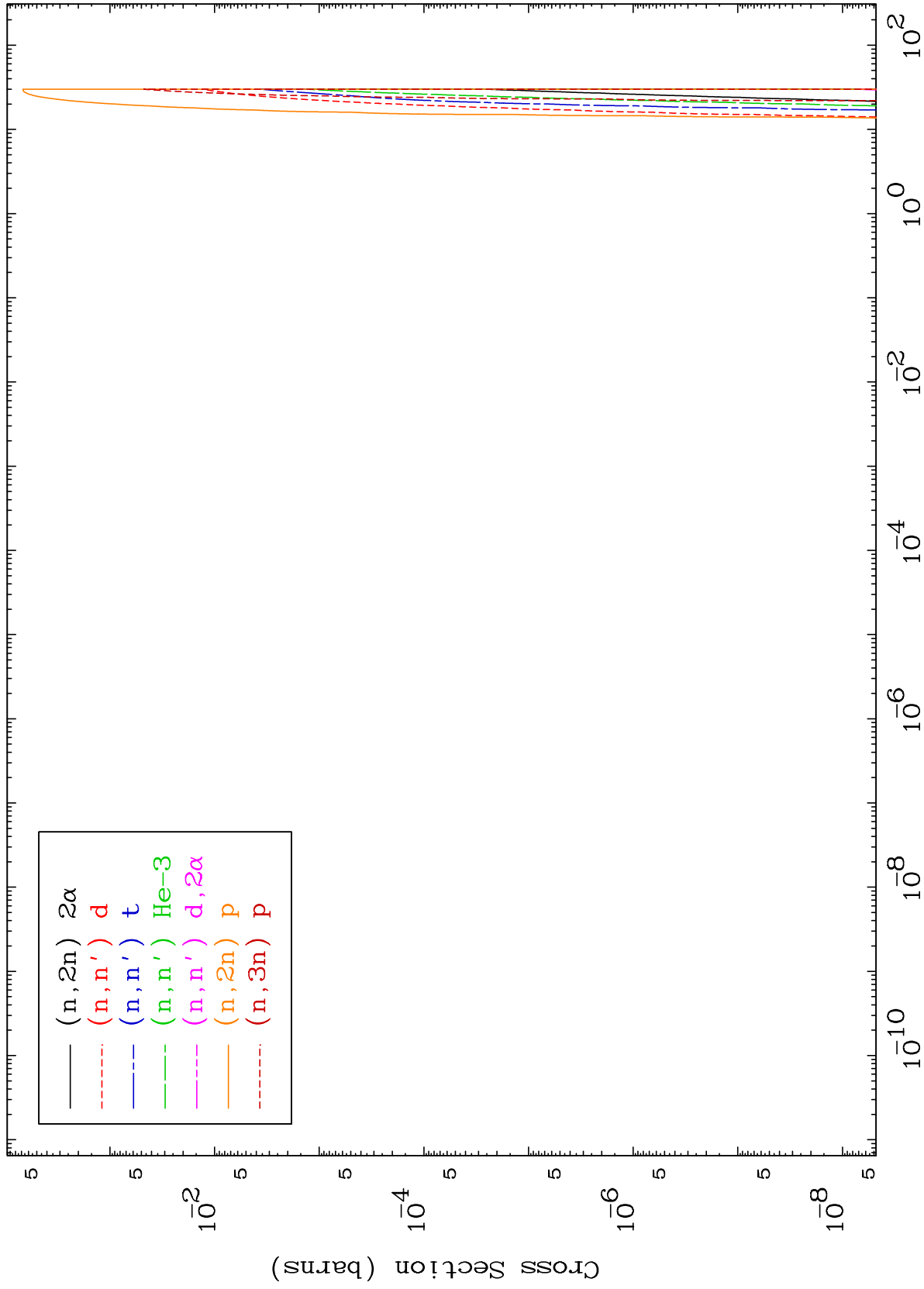
71-Lu-159



MAT 7077

Neutron Production  
293 Kelvin Cross Sections

71-Lu-159



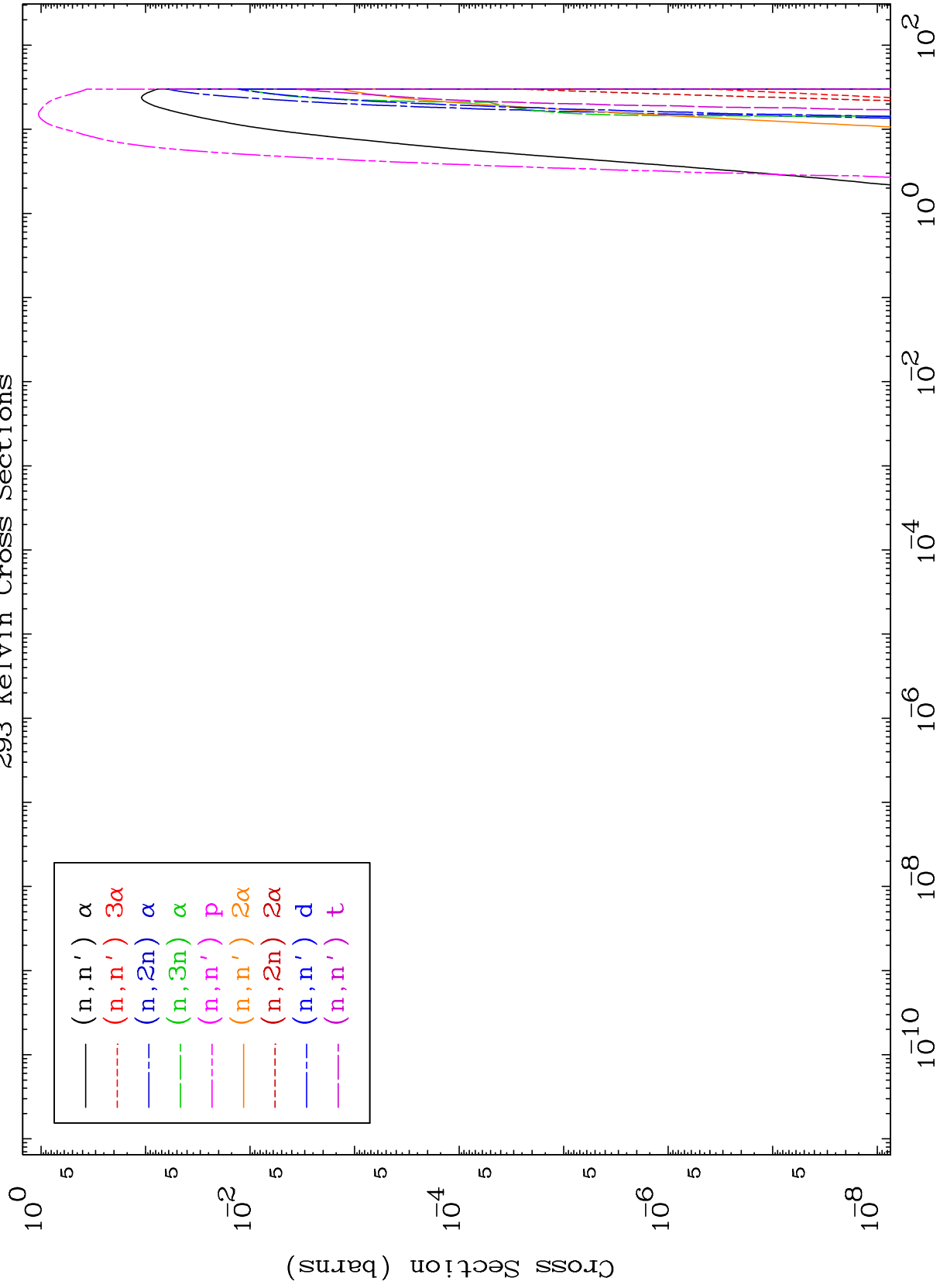
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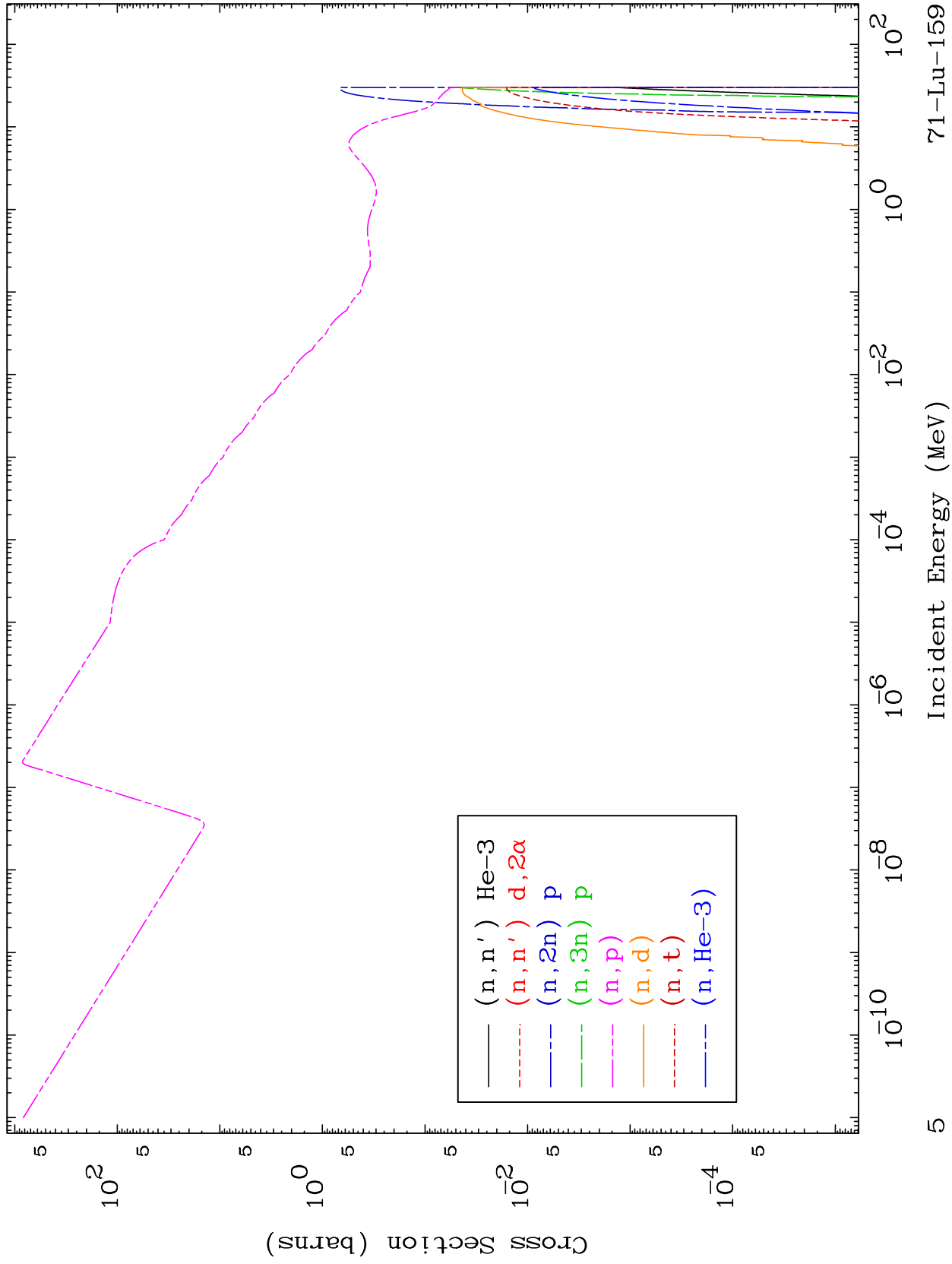
71-Lu-159

MAT 7077

293 Kelvin Cross Sections

71-Lu-159

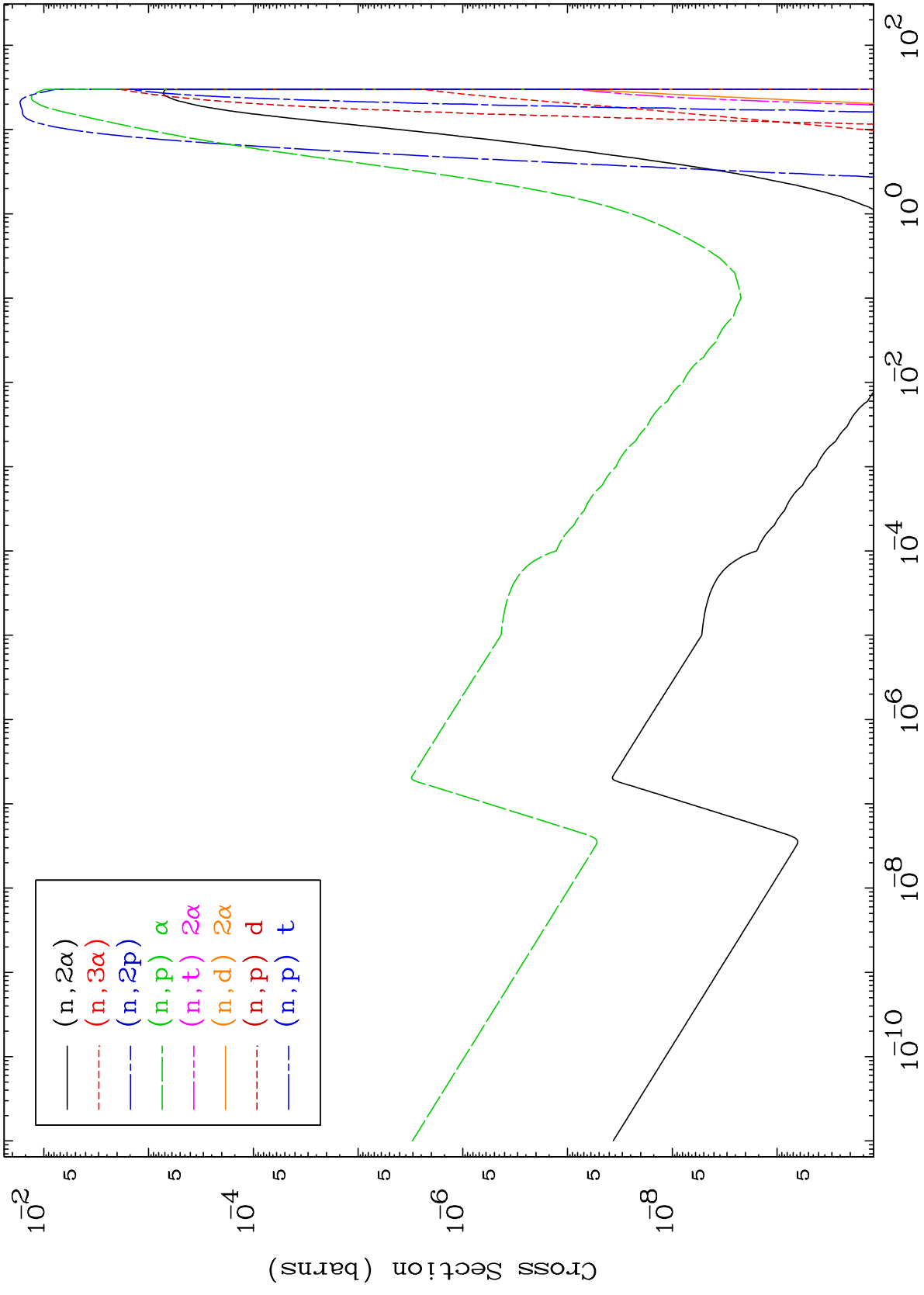




MAT 7077

293 Kelvin Cross Sections

71-Lu-159



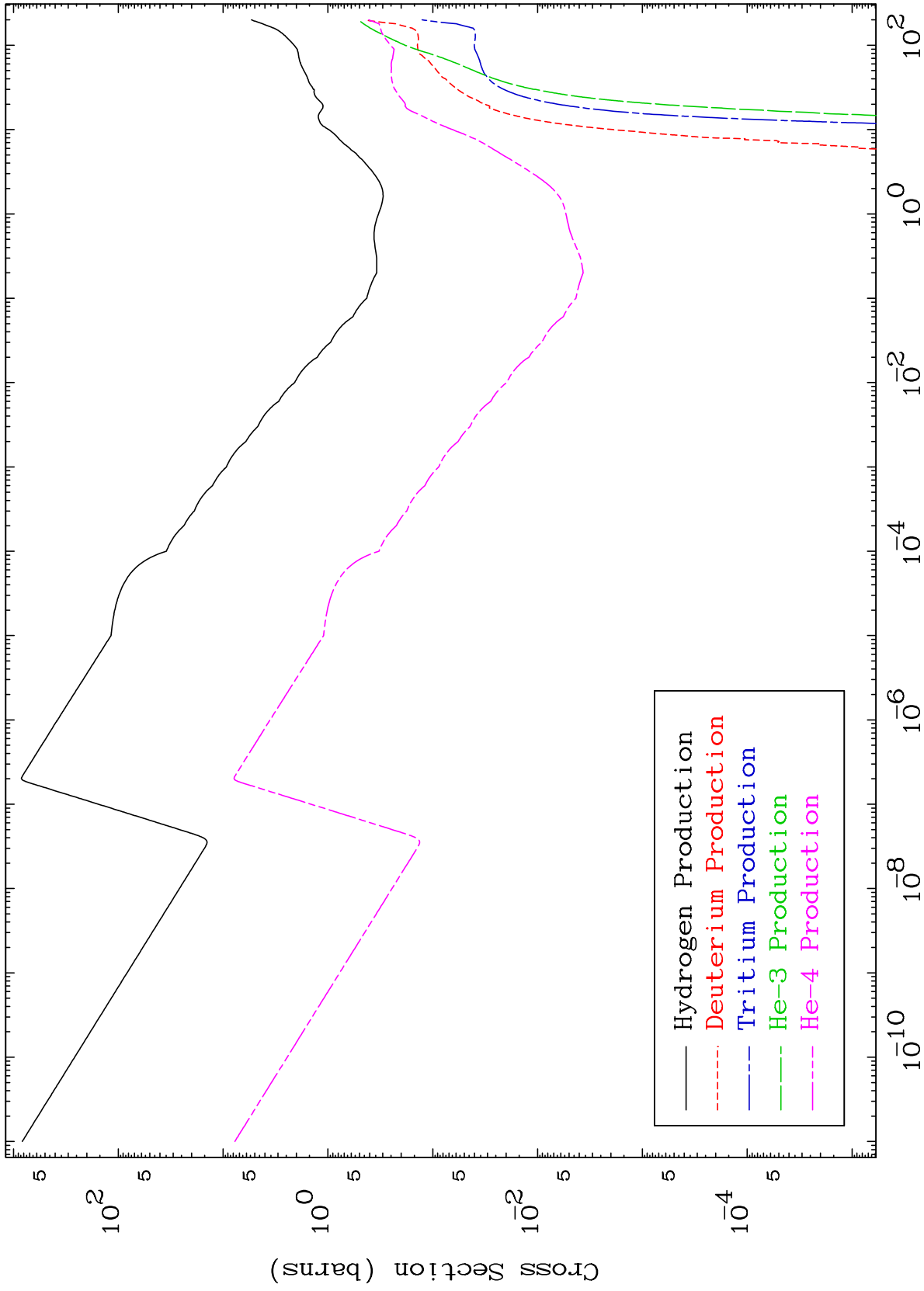
6

71-Lu-159

MAT 7077

Particle Production  
293 Kelvin Cross Sections

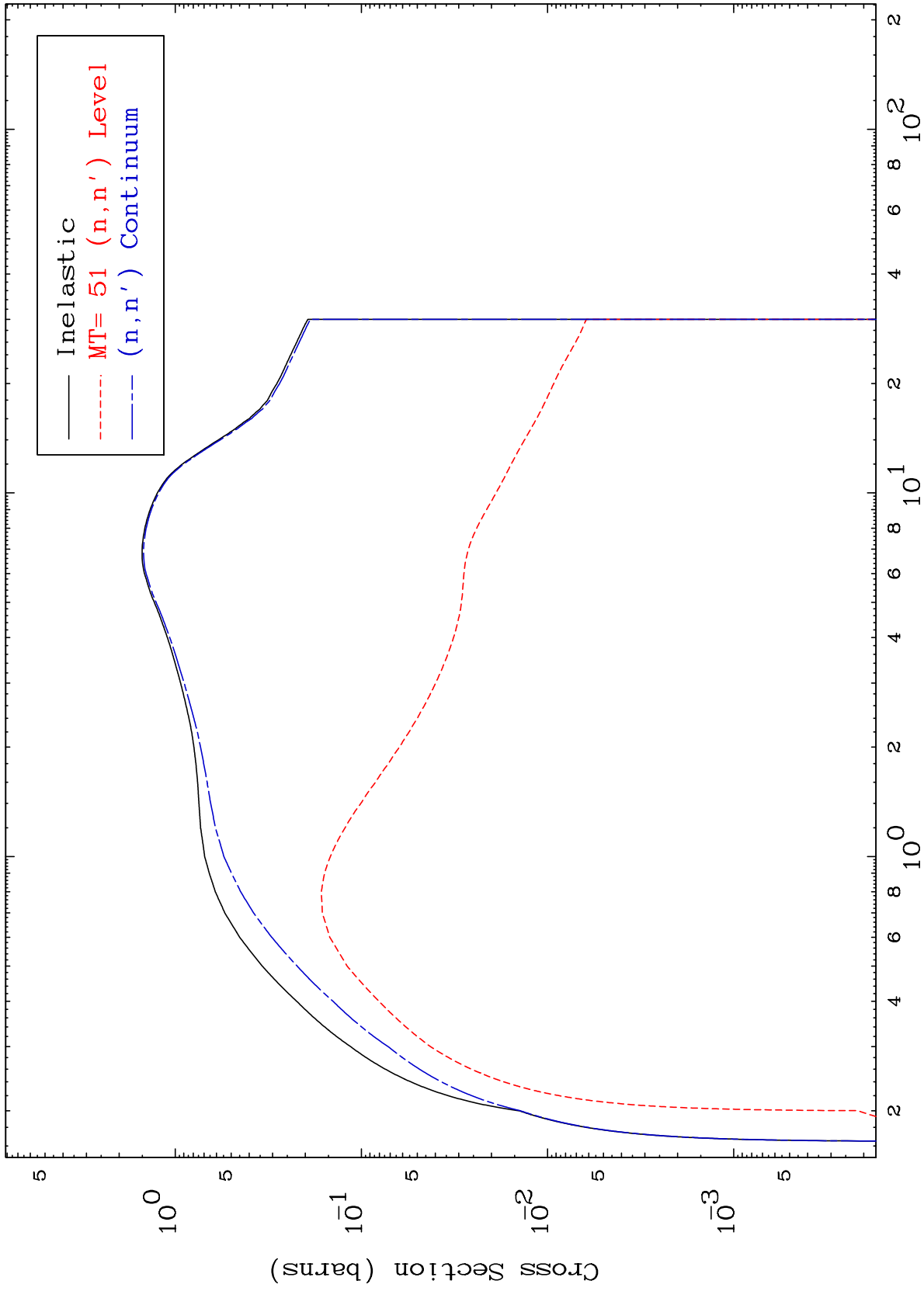
71-Lu-159



MAT 7077

(n,n') Level  
293 Kelvin Cross Sections

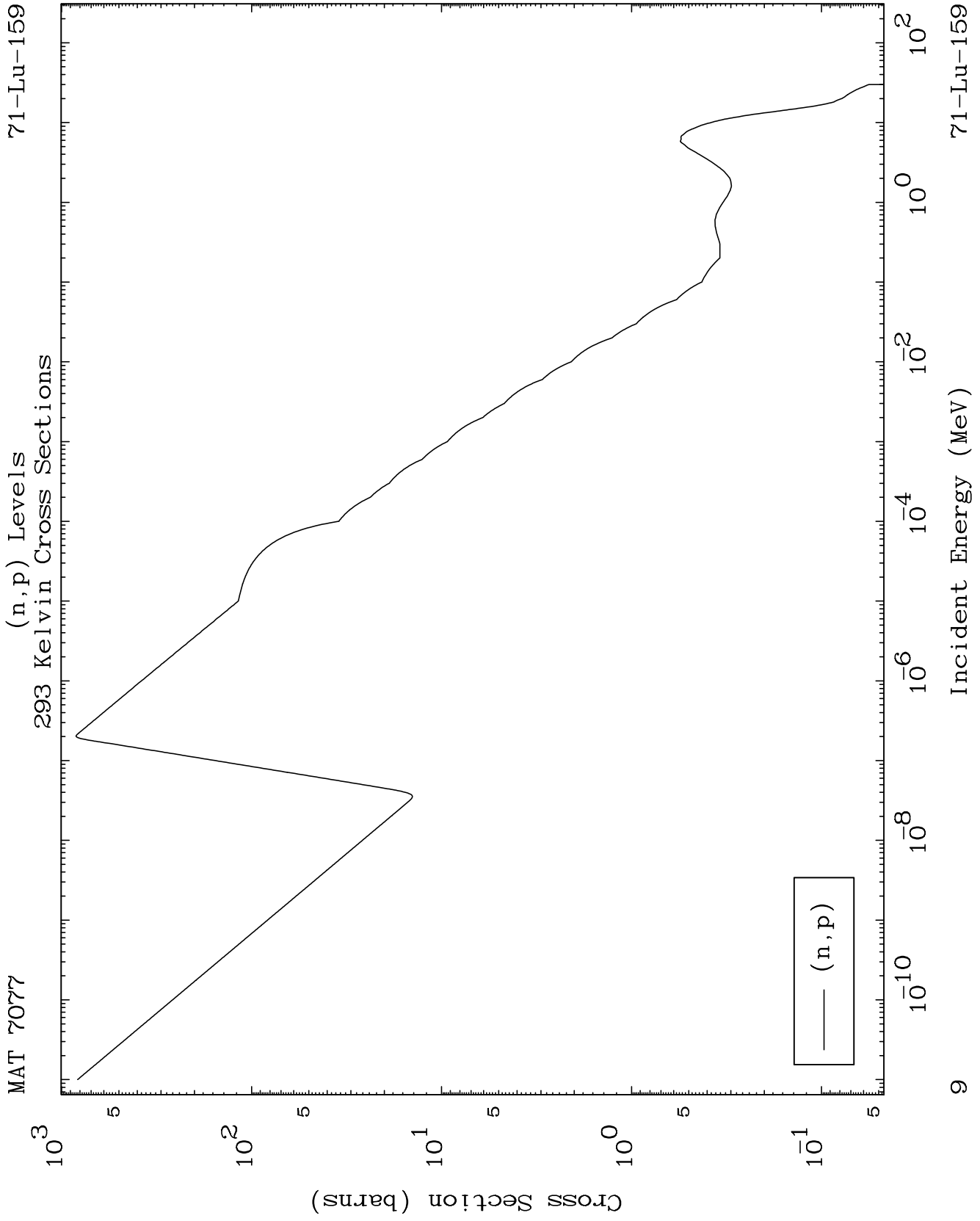
71-Lu-159



8

Incident Energy (MeV)

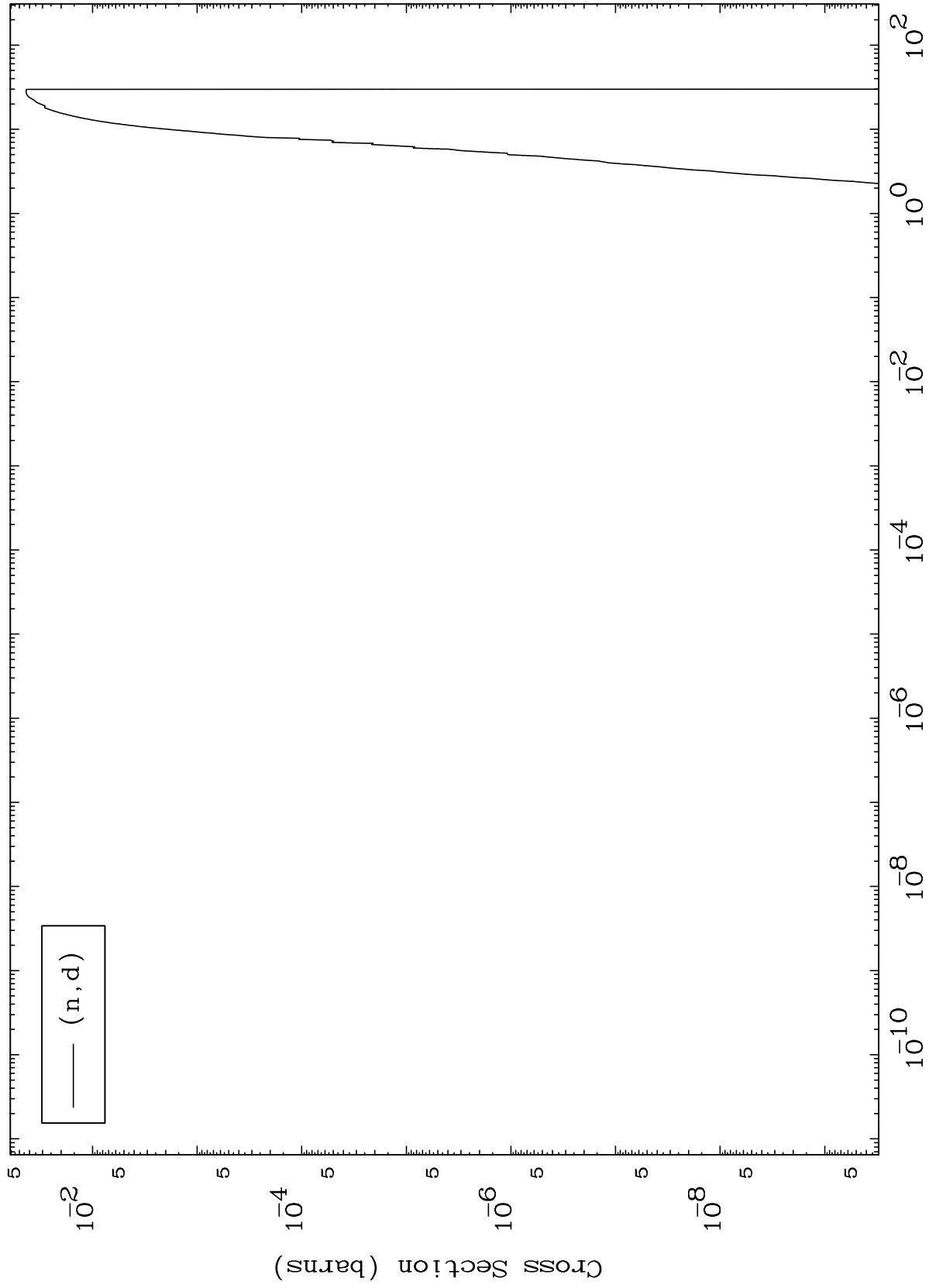
71-Lu-159



MAT 7077

(n,d) Levels  
293 Kelvin Cross Sections

71-Lu-159



10

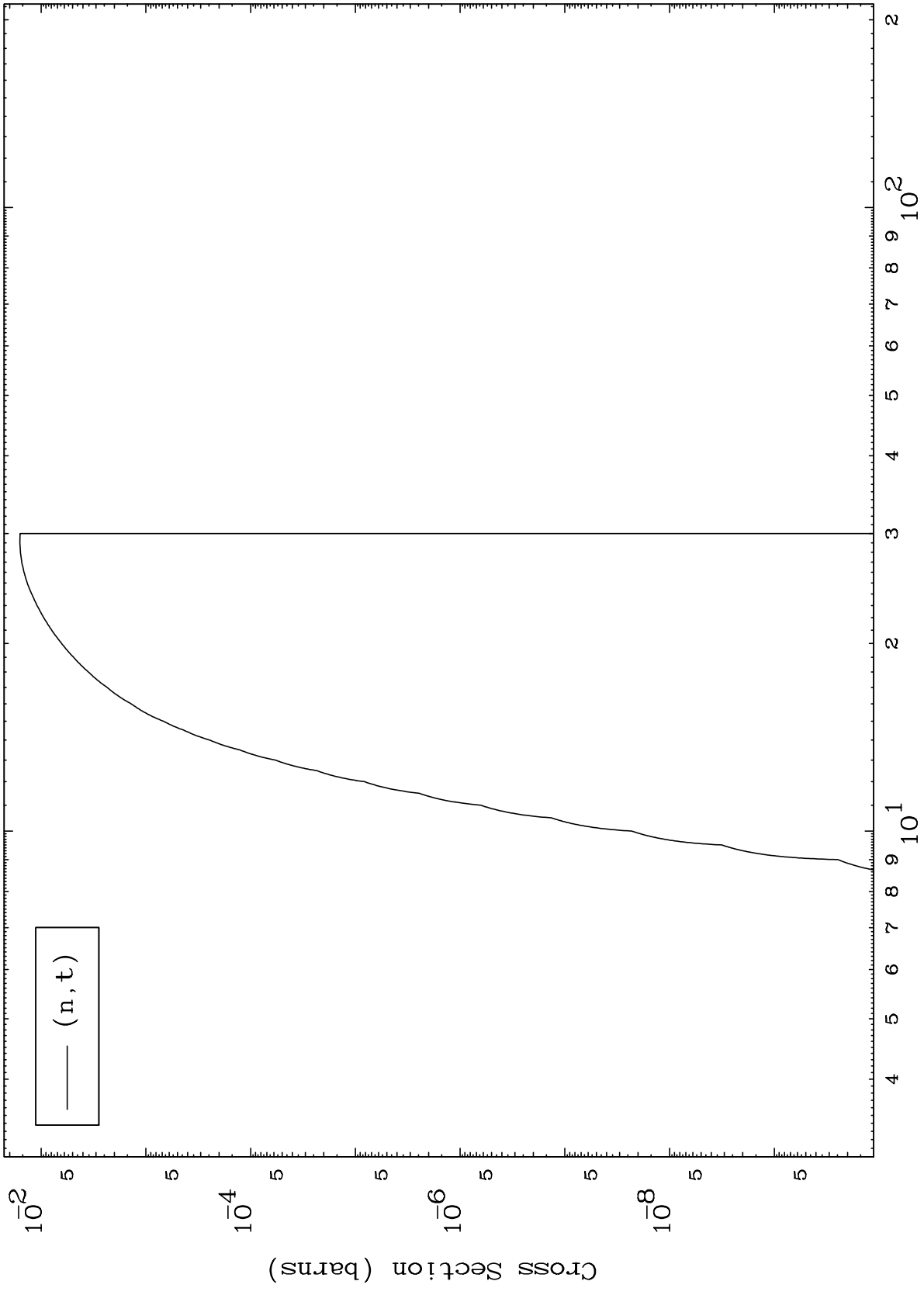
Incident Energy (MeV)

71-Lu-159

MAT 7077

(n,t) Levels  
293 Kelvin Cross Sections

71-Lu-159



11

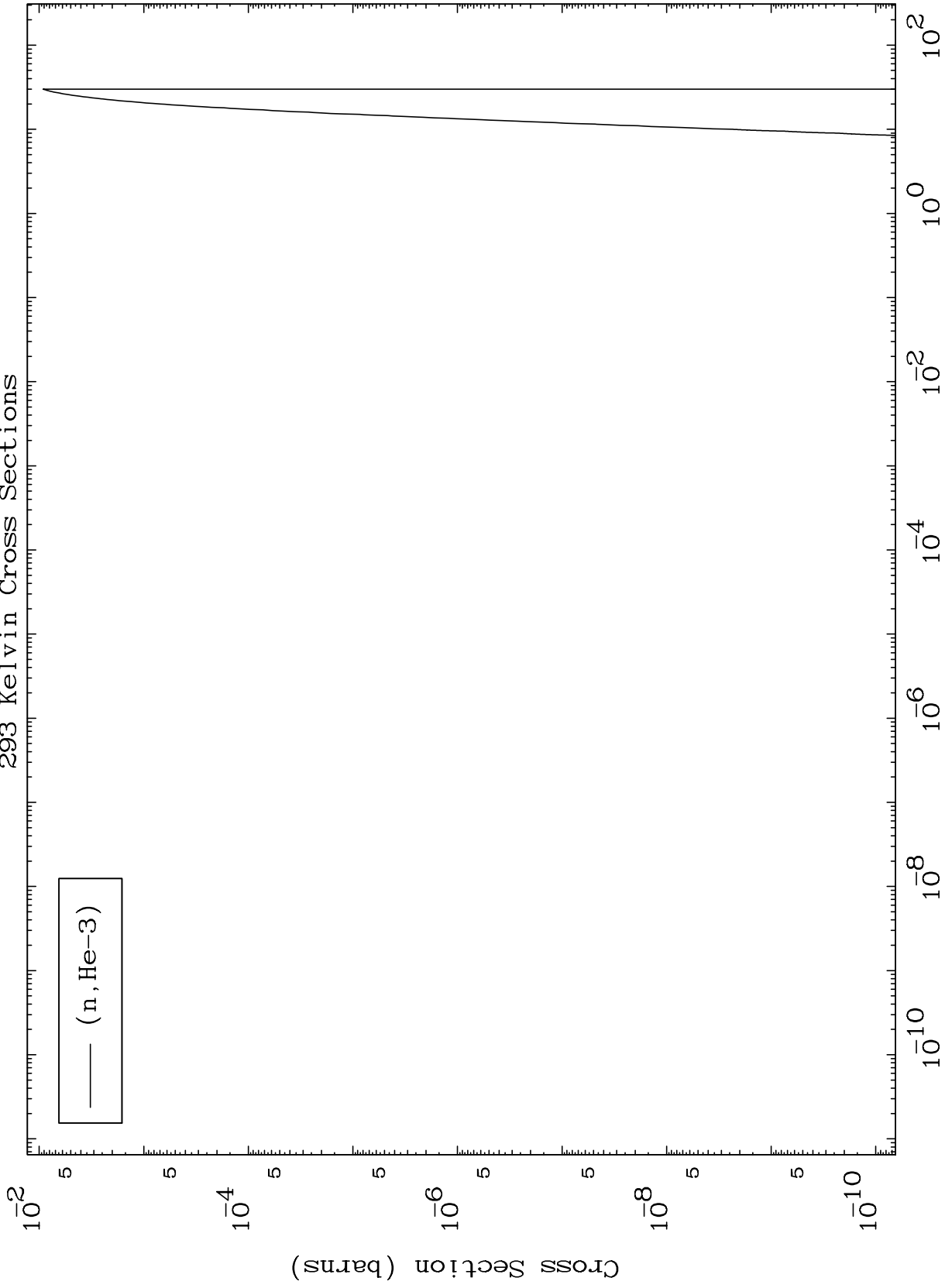
Incident Energy (MeV)

71-Lu-159

MAT 7077

(n,He3) Levels  
293 Kelvin Cross Sections

71-Lu-159



12

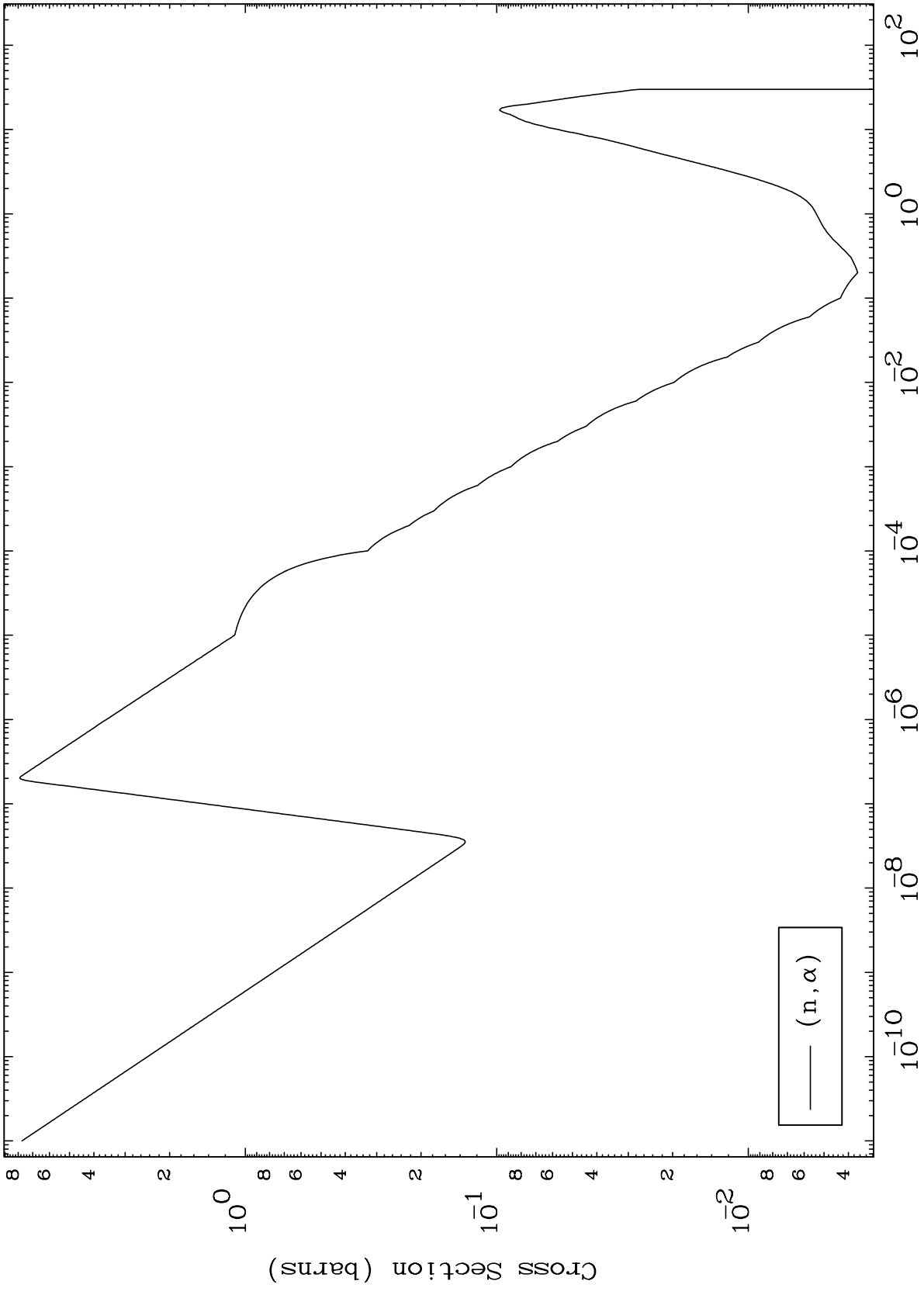
Incident Energy (MeV)

71-Lu-159

MAT 7077

(n,α) Levels  
293 Kelvin Cross Sections

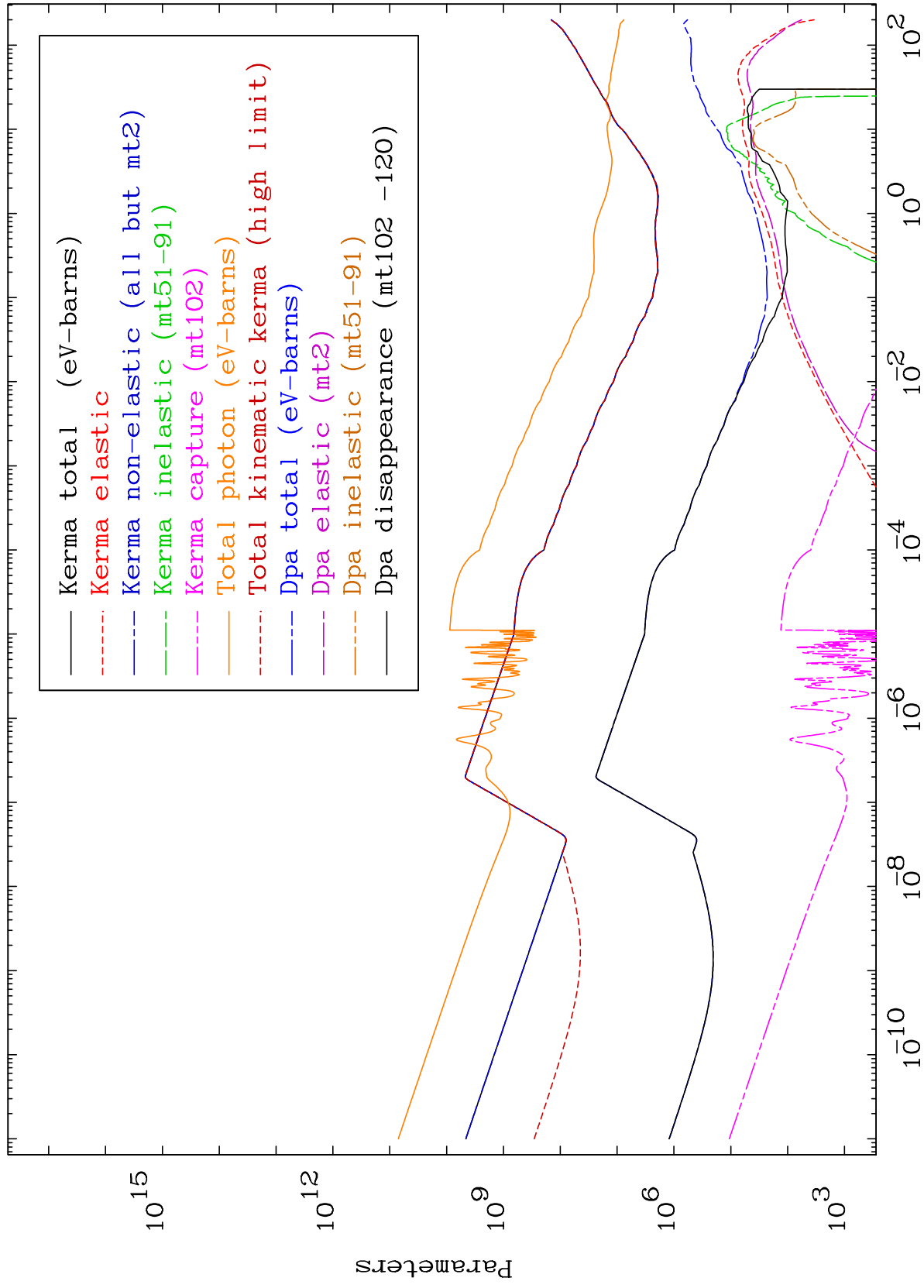
71-Lu-159

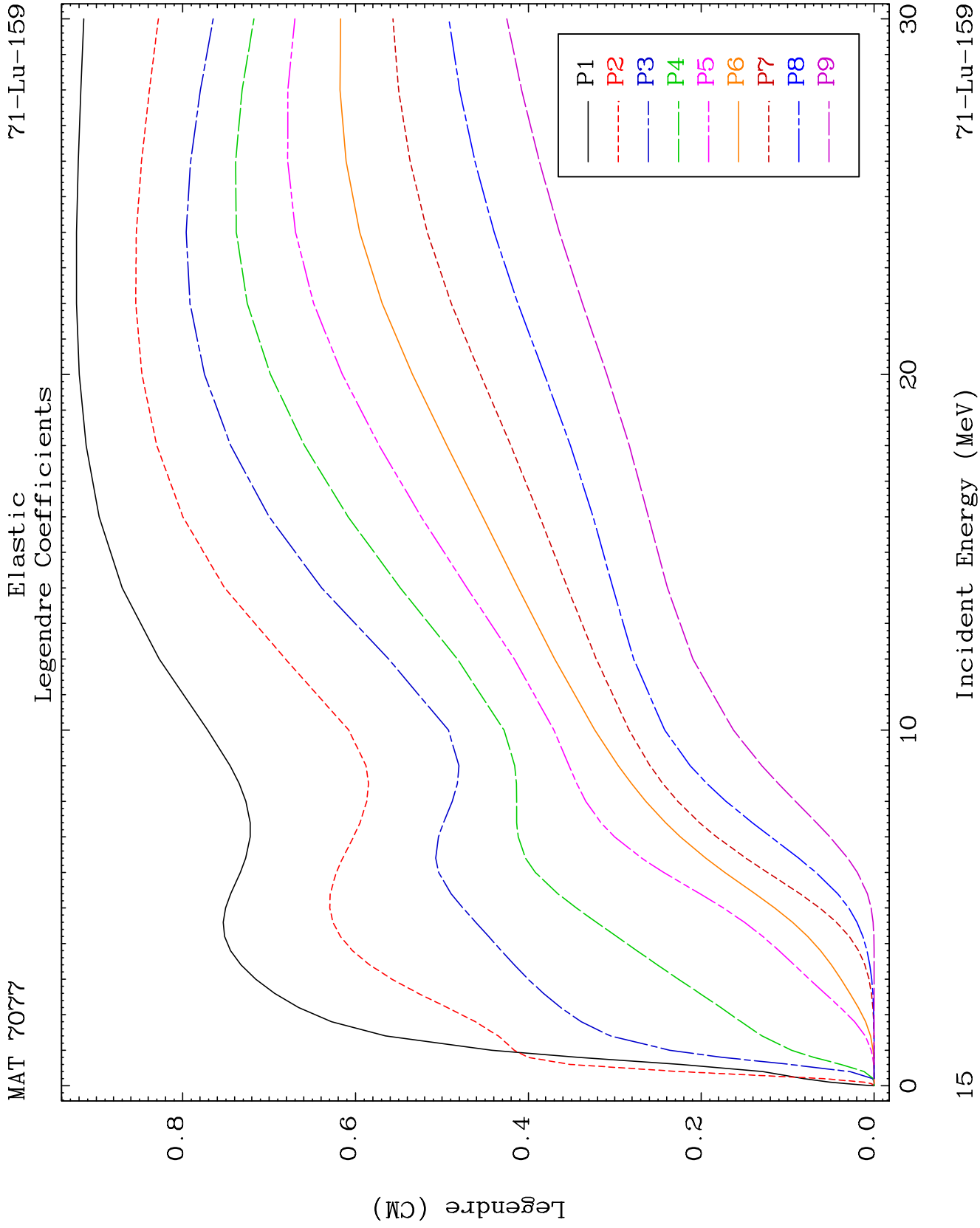


13

Incident Energy (MeV)

71-Lu-159

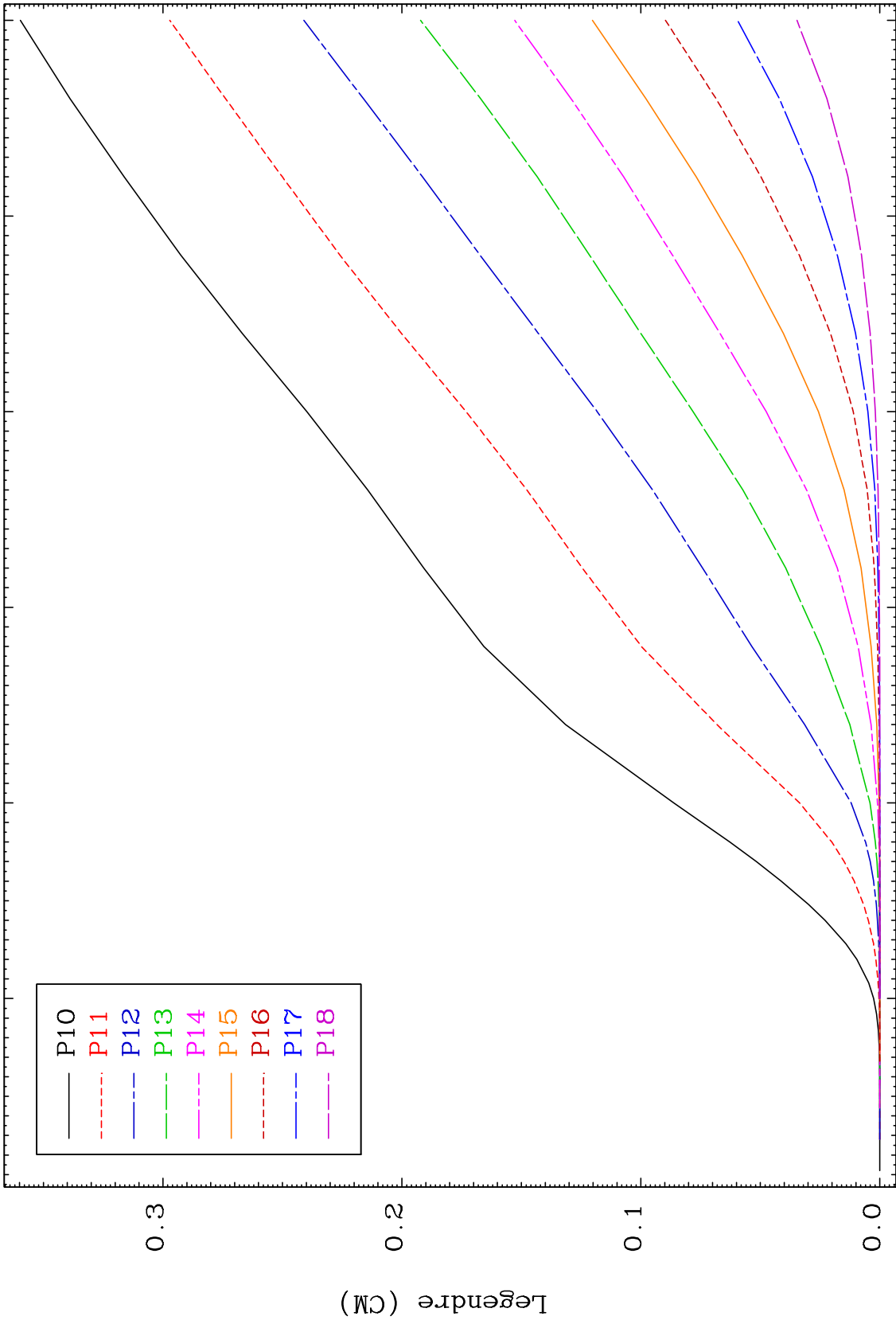




MAT 7077

Elastic Legendre Coefficients

71-Lu-159



16

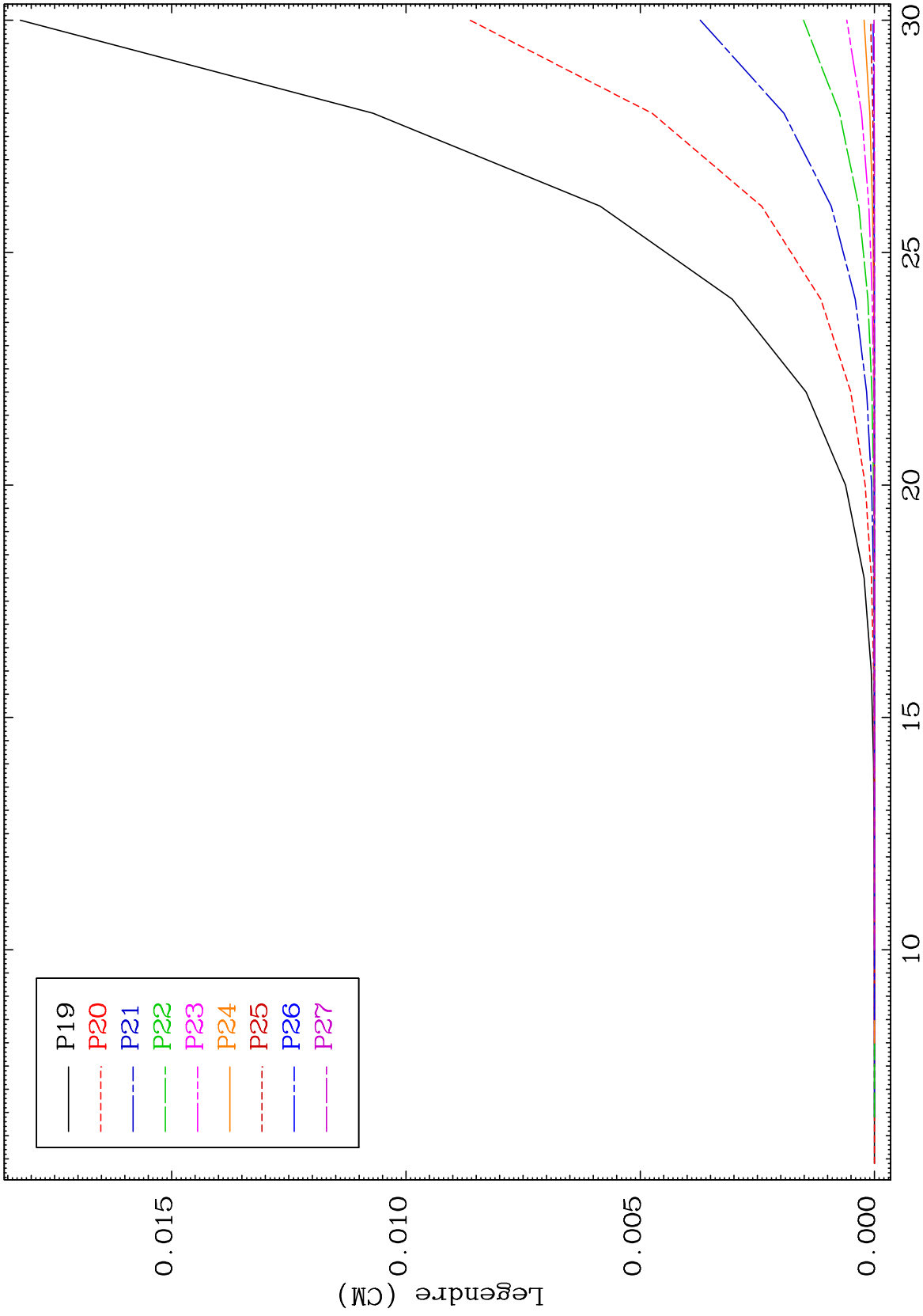
Incident Energy (MeV)

71-Lu-159

MAT 7077

Elastic Legendre Coefficients

71-Lu-159



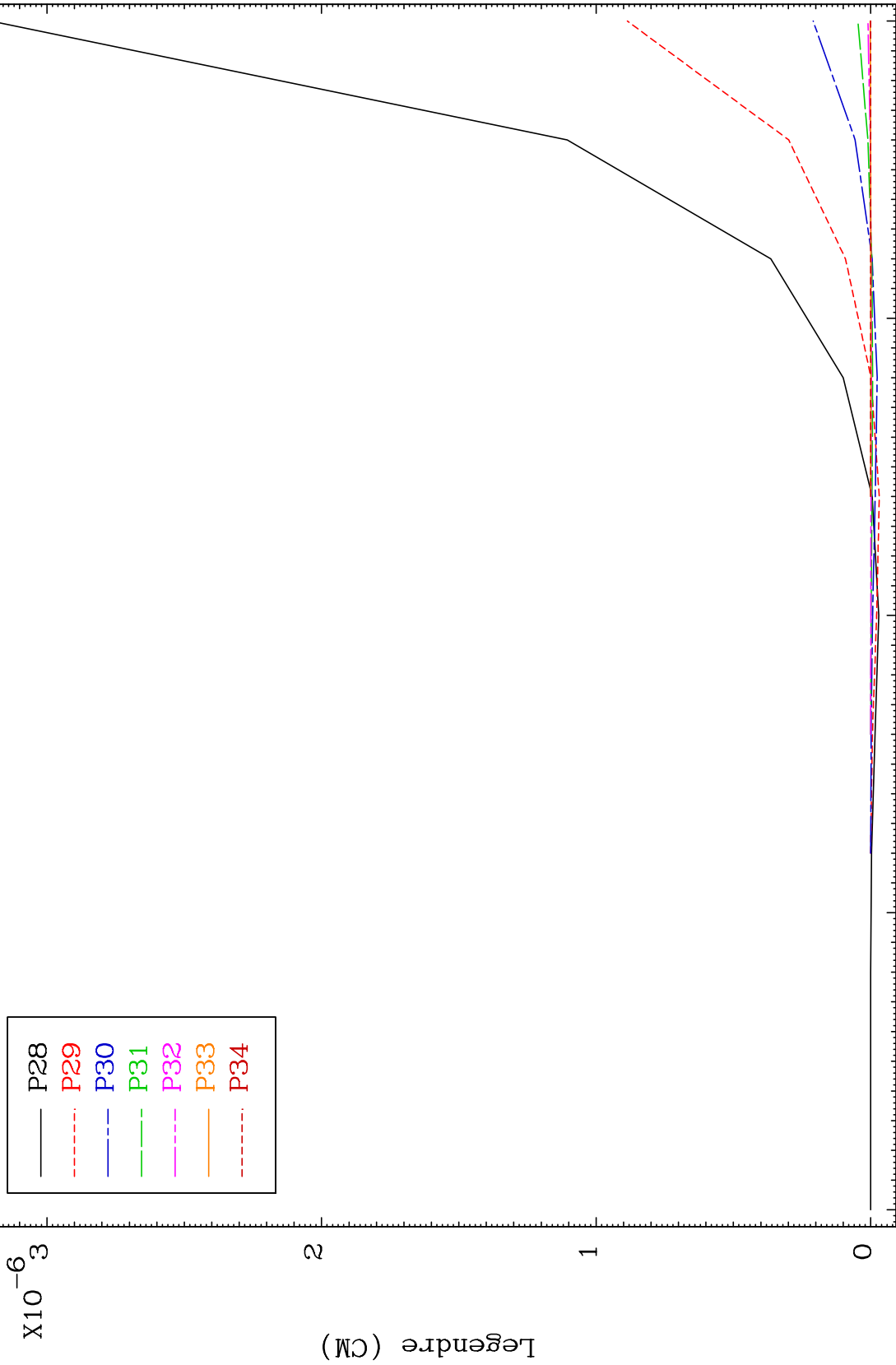
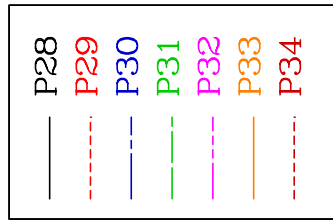
17

71-Lu-159

MAT 7077

Elastic Legendre Coefficients

71-Lu-159



18

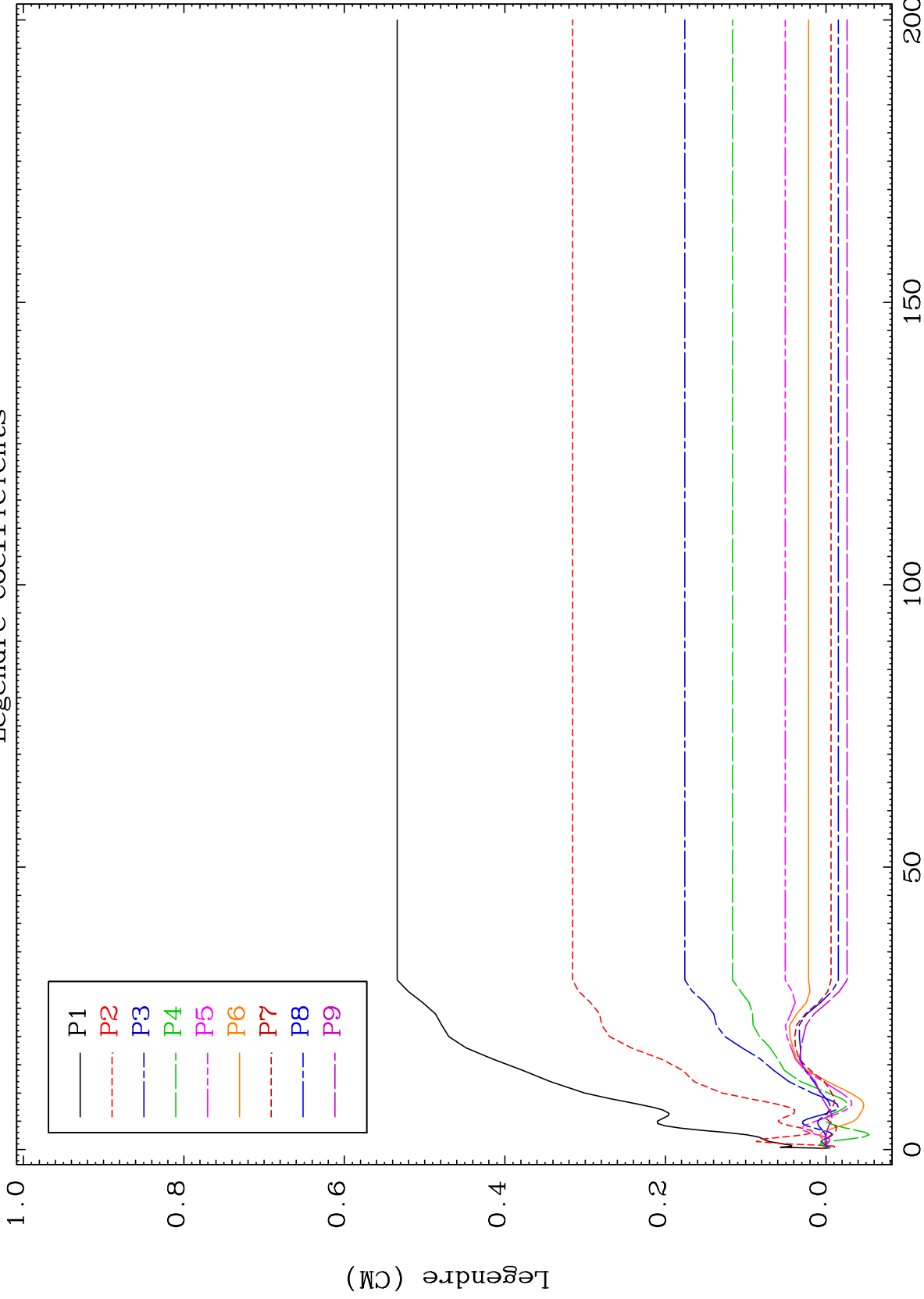
Incident Energy (MeV)

71-Lu-159

MAT 7077

MT= 51 (n,n') Level  
Legendre Coefficients

71-Lu-159



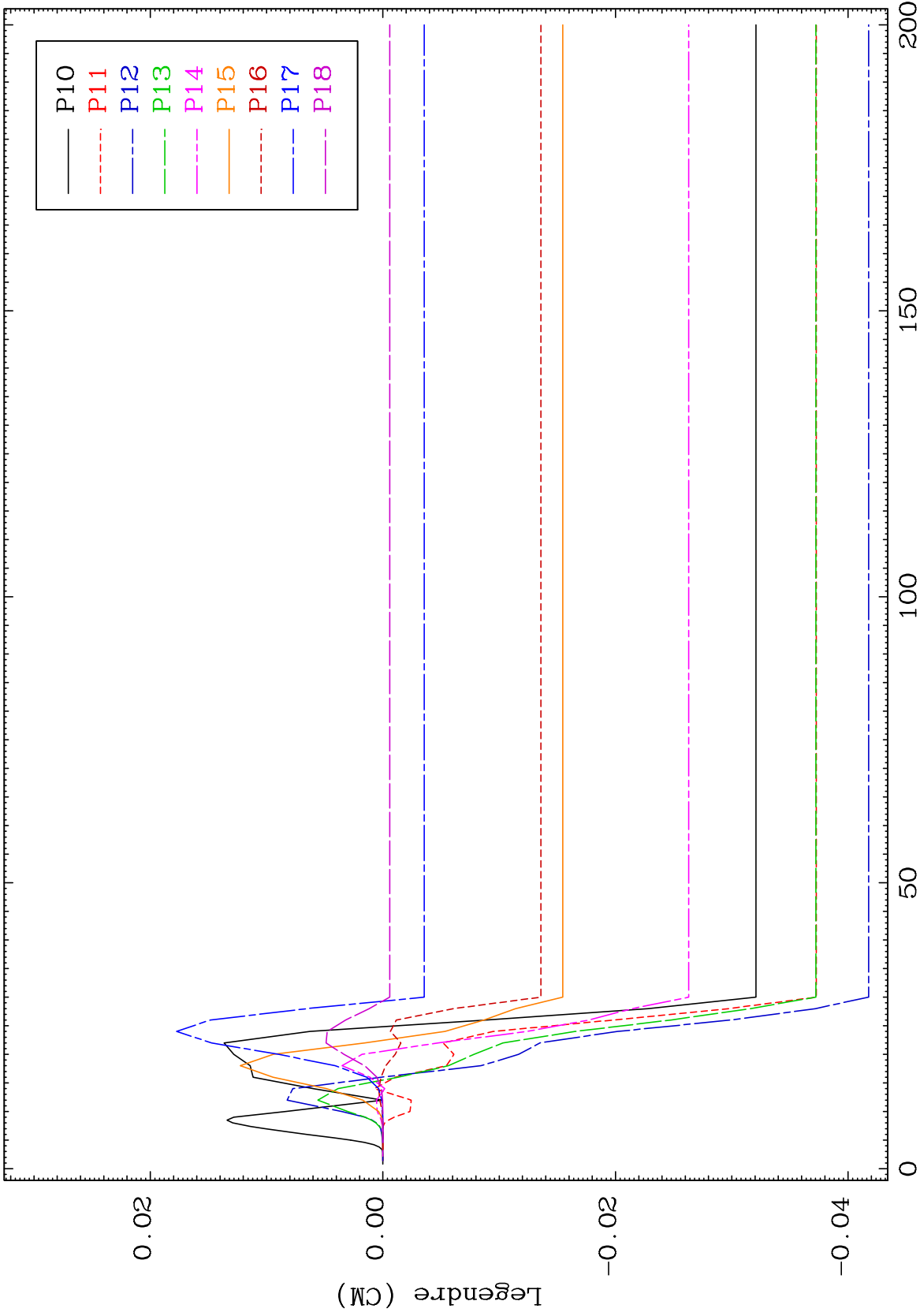
19

71-Lu-159

MAT 7077

MT= 51 (n,n') Level  
Legendre Coefficients

71-Lu-159



71-Lu-159

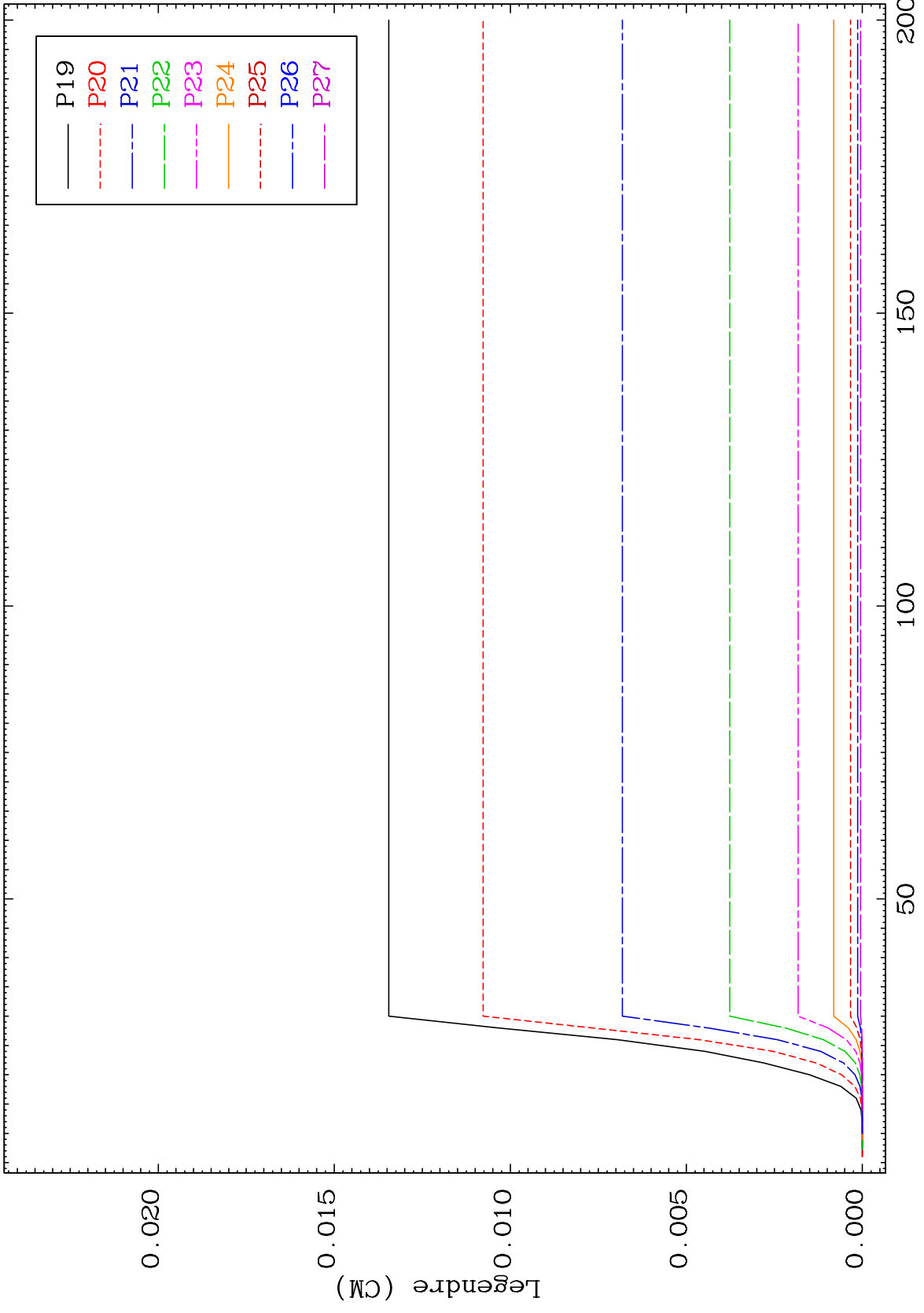
Incident Energy (MeV)

20

MAT 7077

MT= 51 (n,n') Level  
Legendre Coefficients

71-Lu-159



21

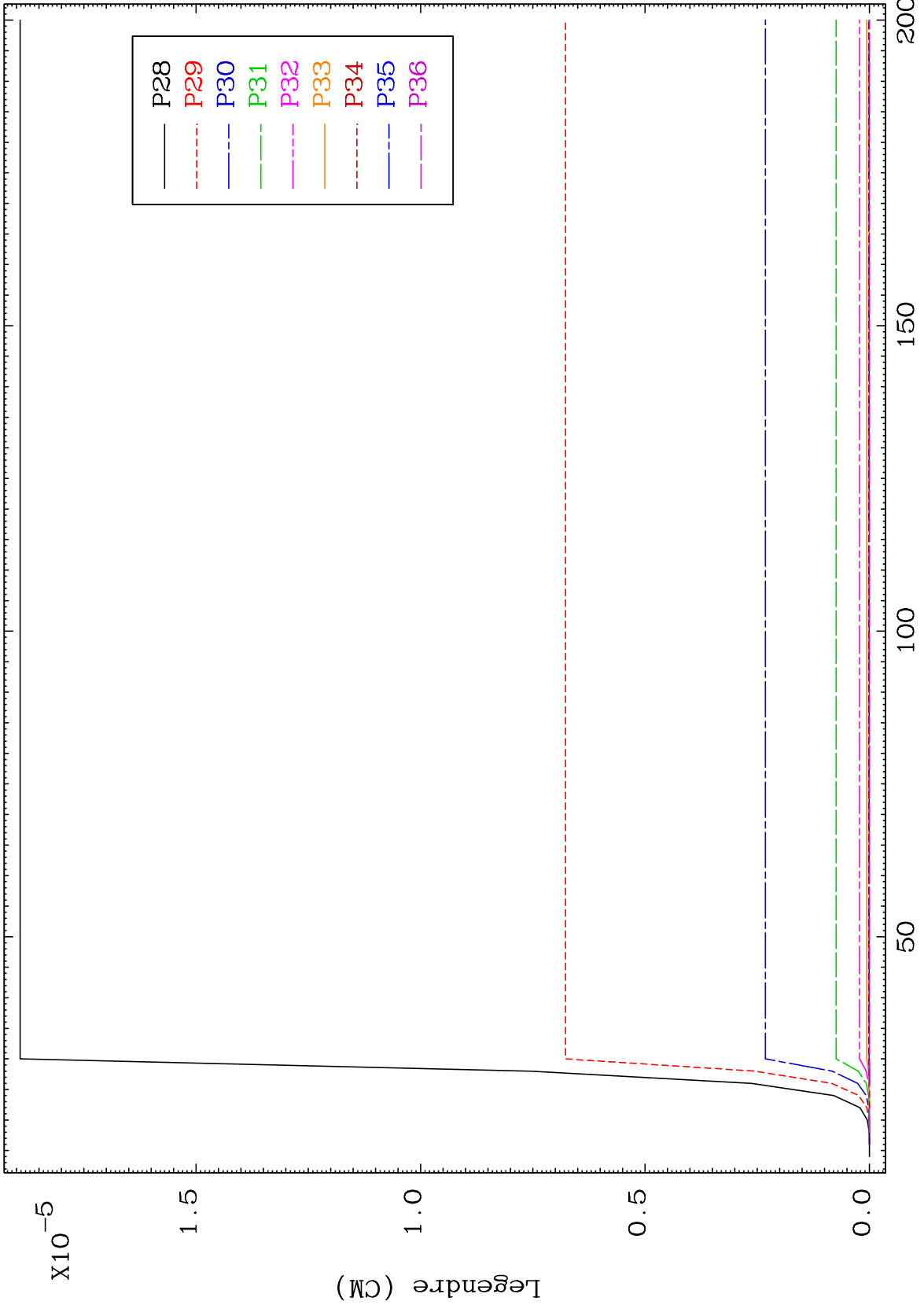
Incident Energy (MeV)

71-Lu-159

MAT 7077

MT= 51 (n,n') Level  
Legendre Coefficients

71-Lu-159



22

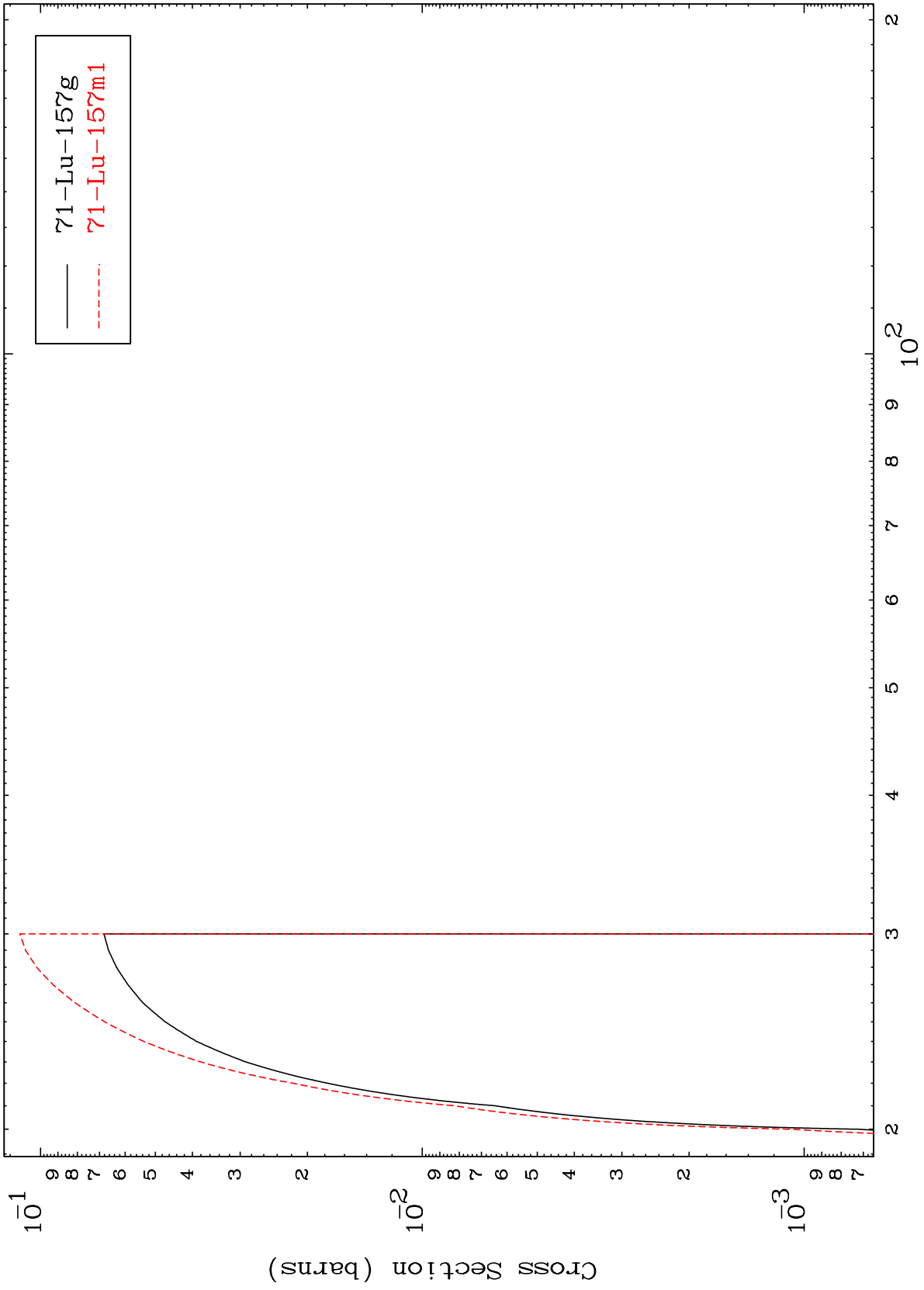
Incident Energy (MeV)

71-Lu-159

MAT 7077

<sup>71</sup>Lu-159

(n,3n)  
Radionuclide Production Cross Section



23

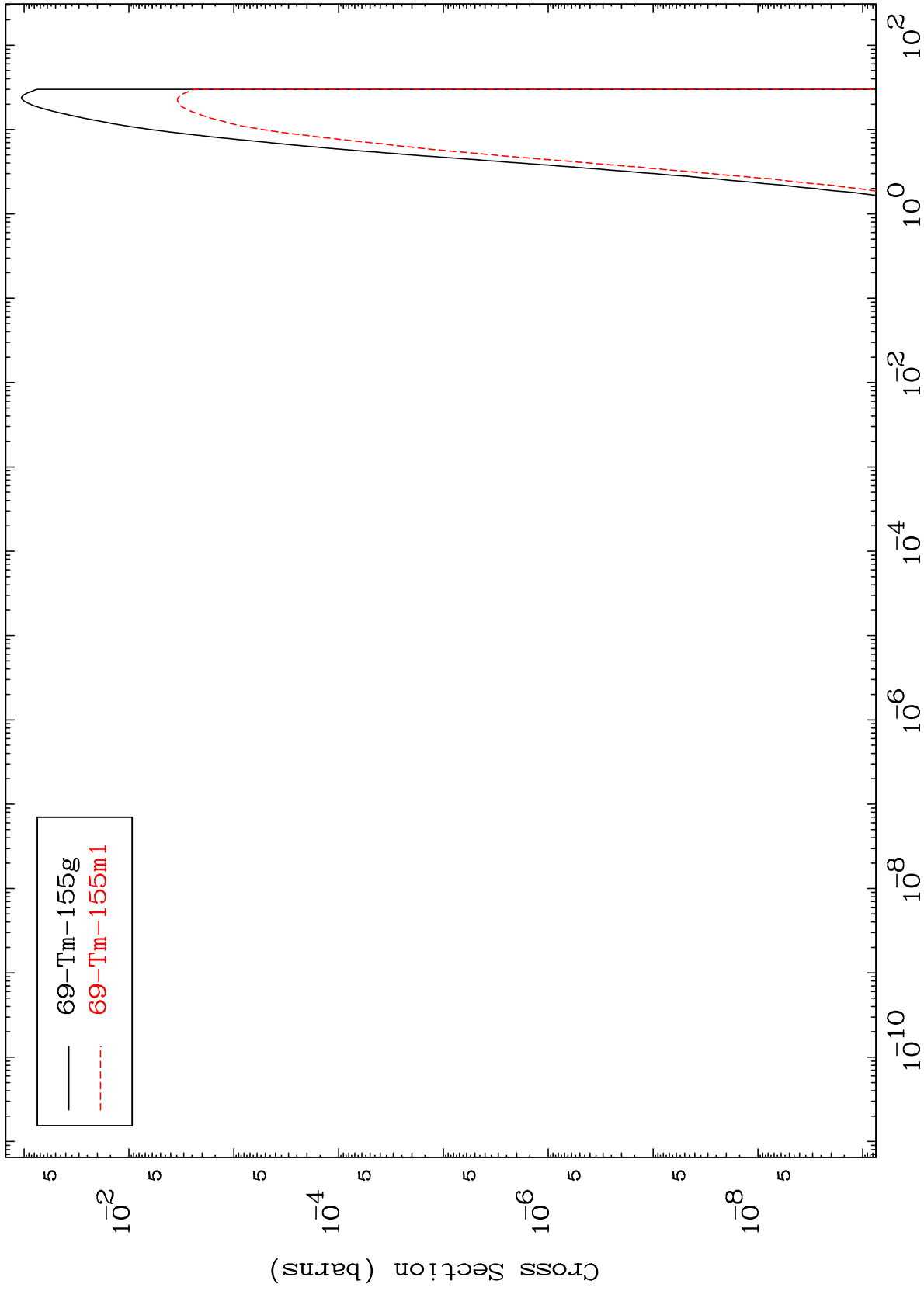
<sup>71</sup>Lu-159

MAT 7077

(n,n')  $\alpha$

71-Lu-159

Radionuclide Production Cross Section



24

Incident Energy (MeV)

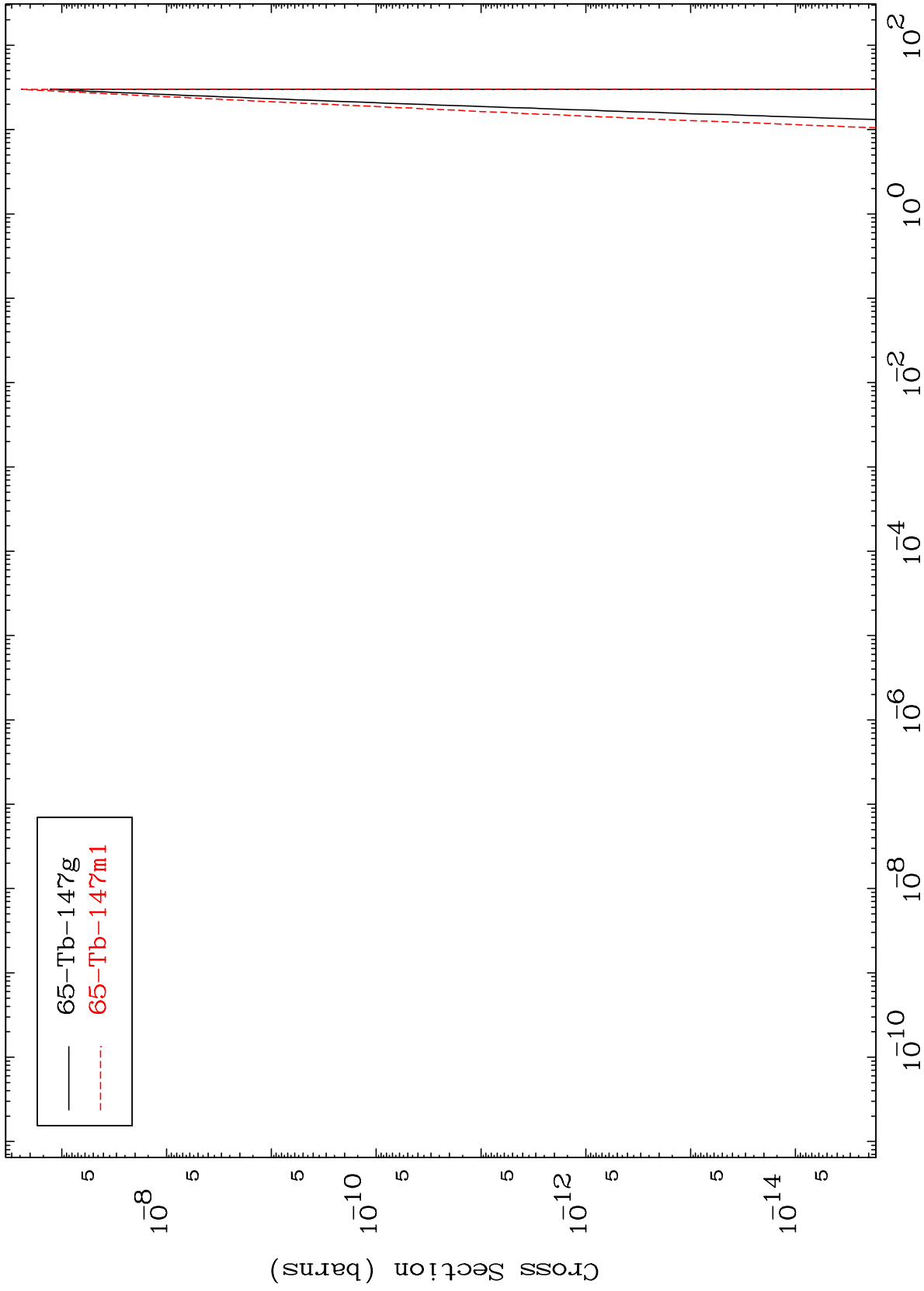
71-Lu-159

MAT 7077

(n,n') 3 $\alpha$

71-Lu-159

Radionuclide Production Cross Section



25

Incident Energy (MeV)

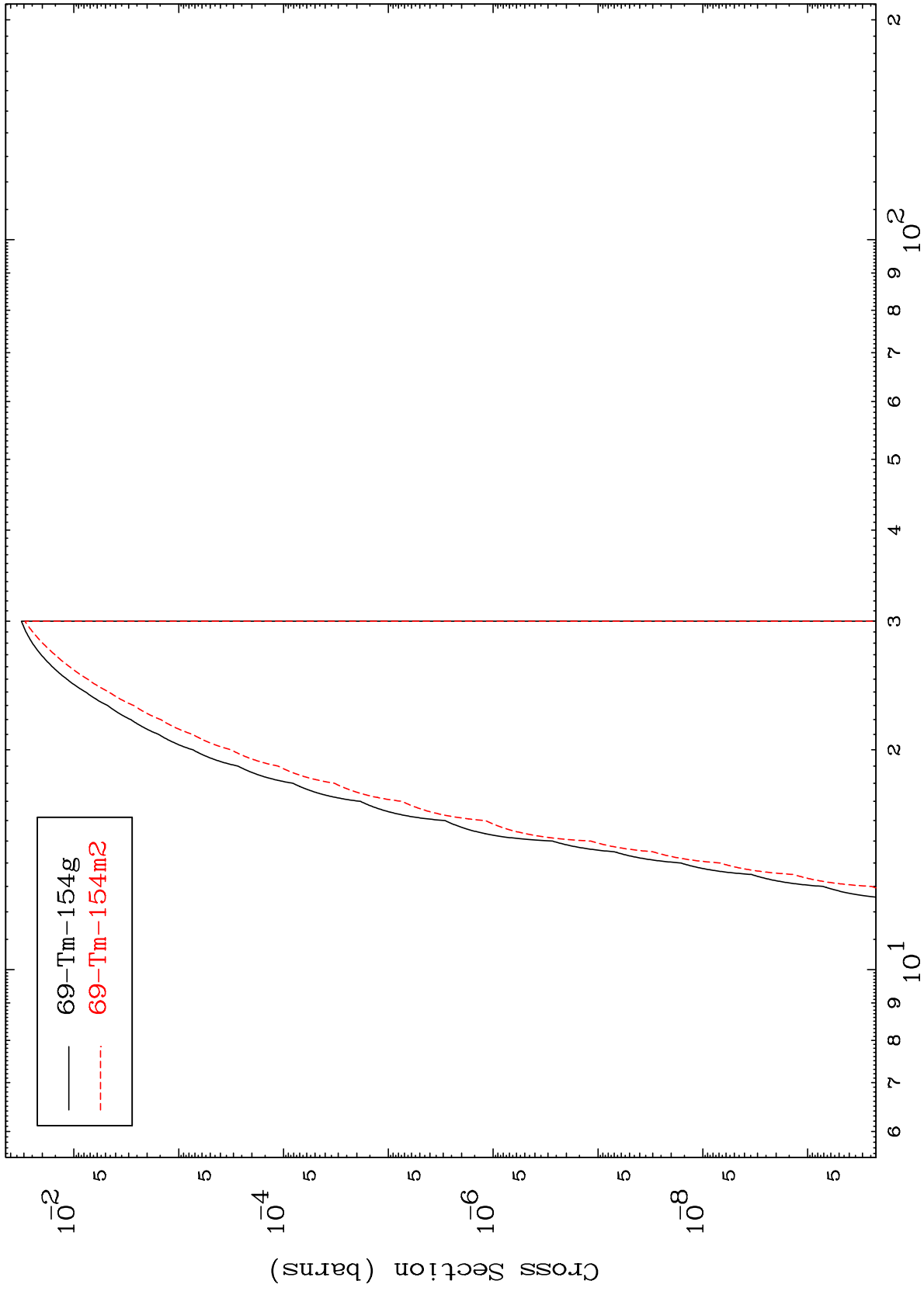
71-Lu-159

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(n,2n)  $\alpha$

71-Lu-159

Radionuclide Production Cross Section



26

Incident Energy (MeV)

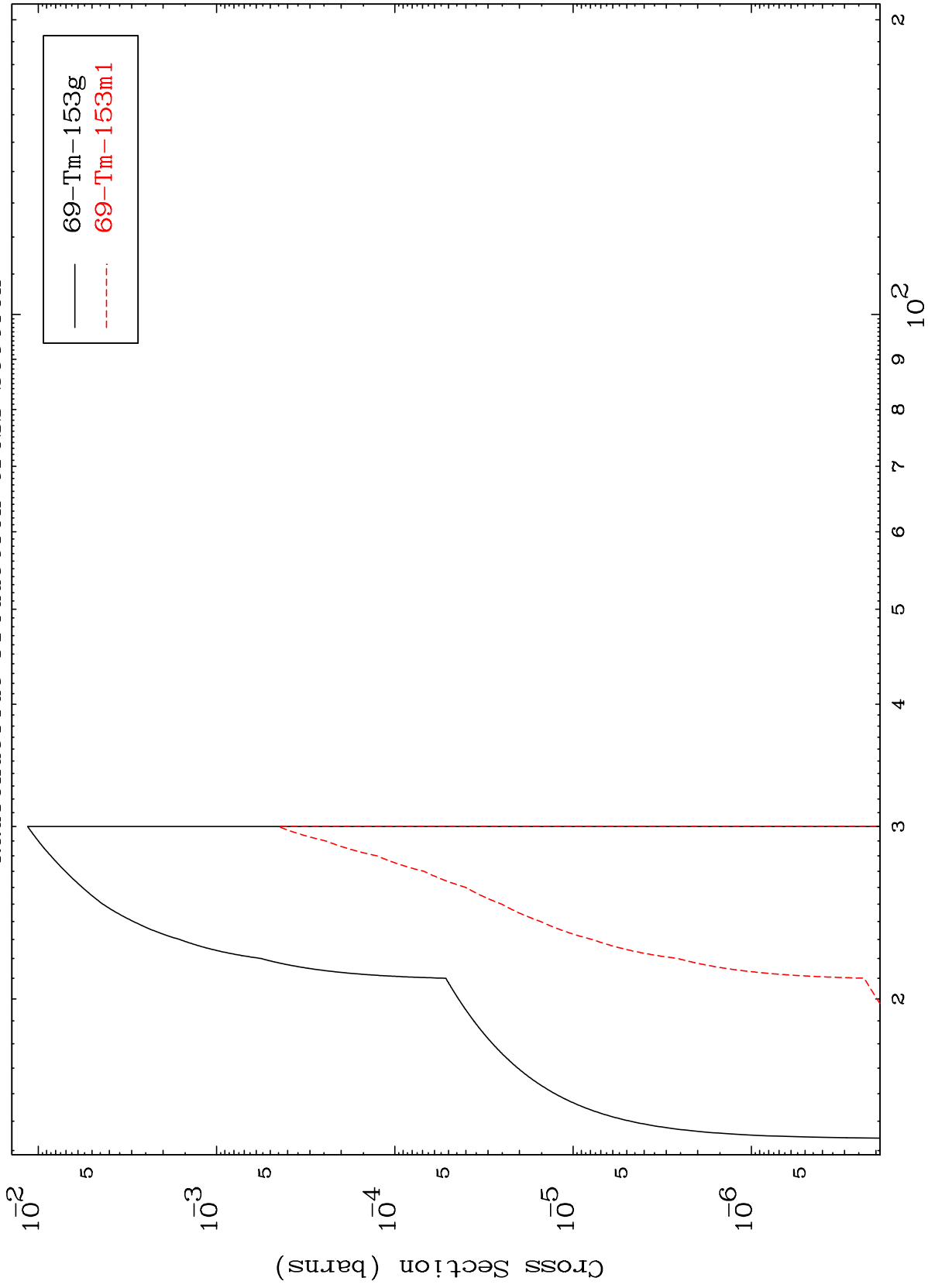
71-Lu-159

MAT 7077

(n,3n)  $\alpha$

71-Lu-159

Radionuclide Production Cross Section



27

Incident Energy (MeV)

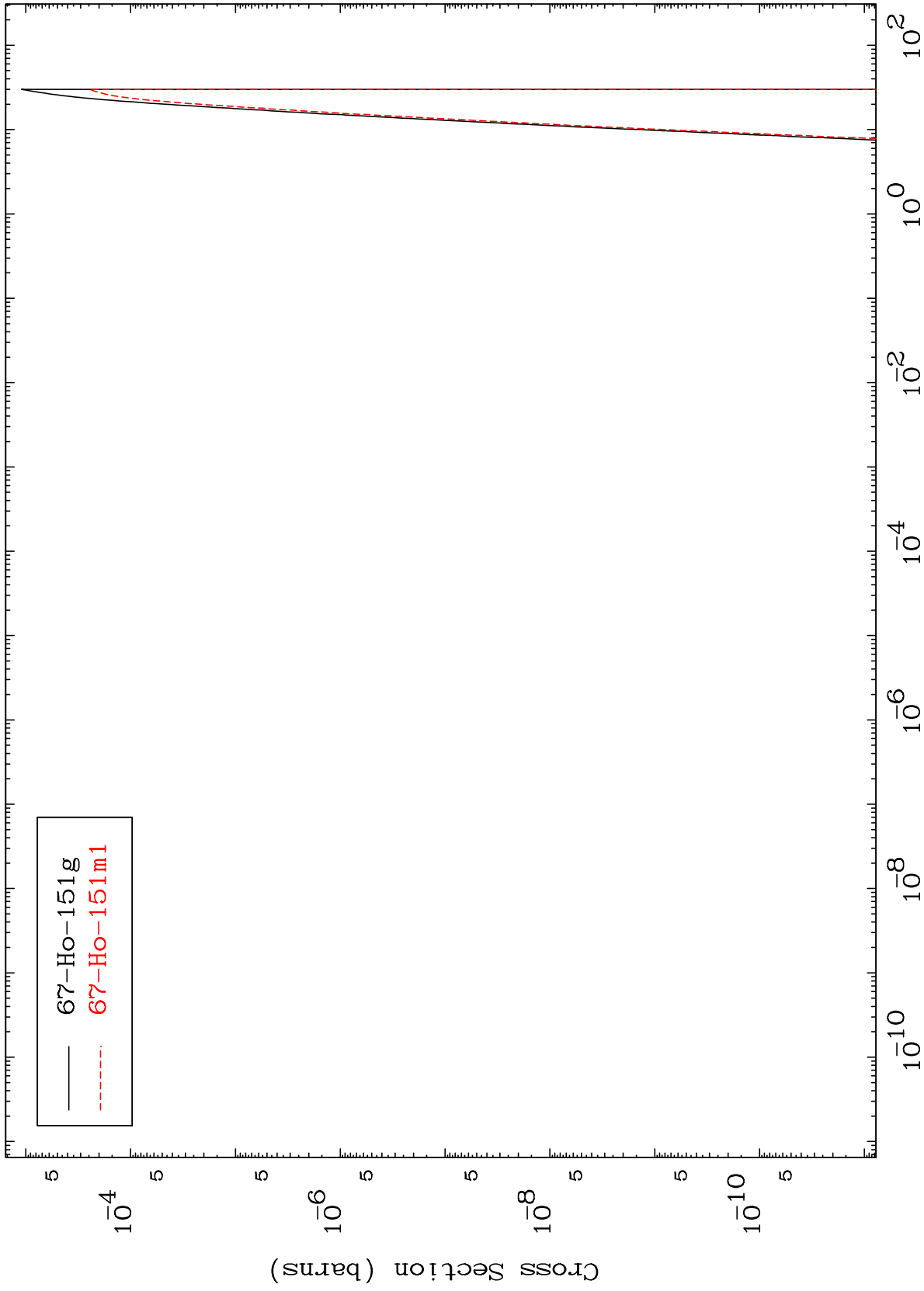
71-Lu-159

MAT 7077

(n,n') 2 $\alpha$

71-Lu-159

Radionuclide Production Cross Section



28

Incident Energy (MeV)

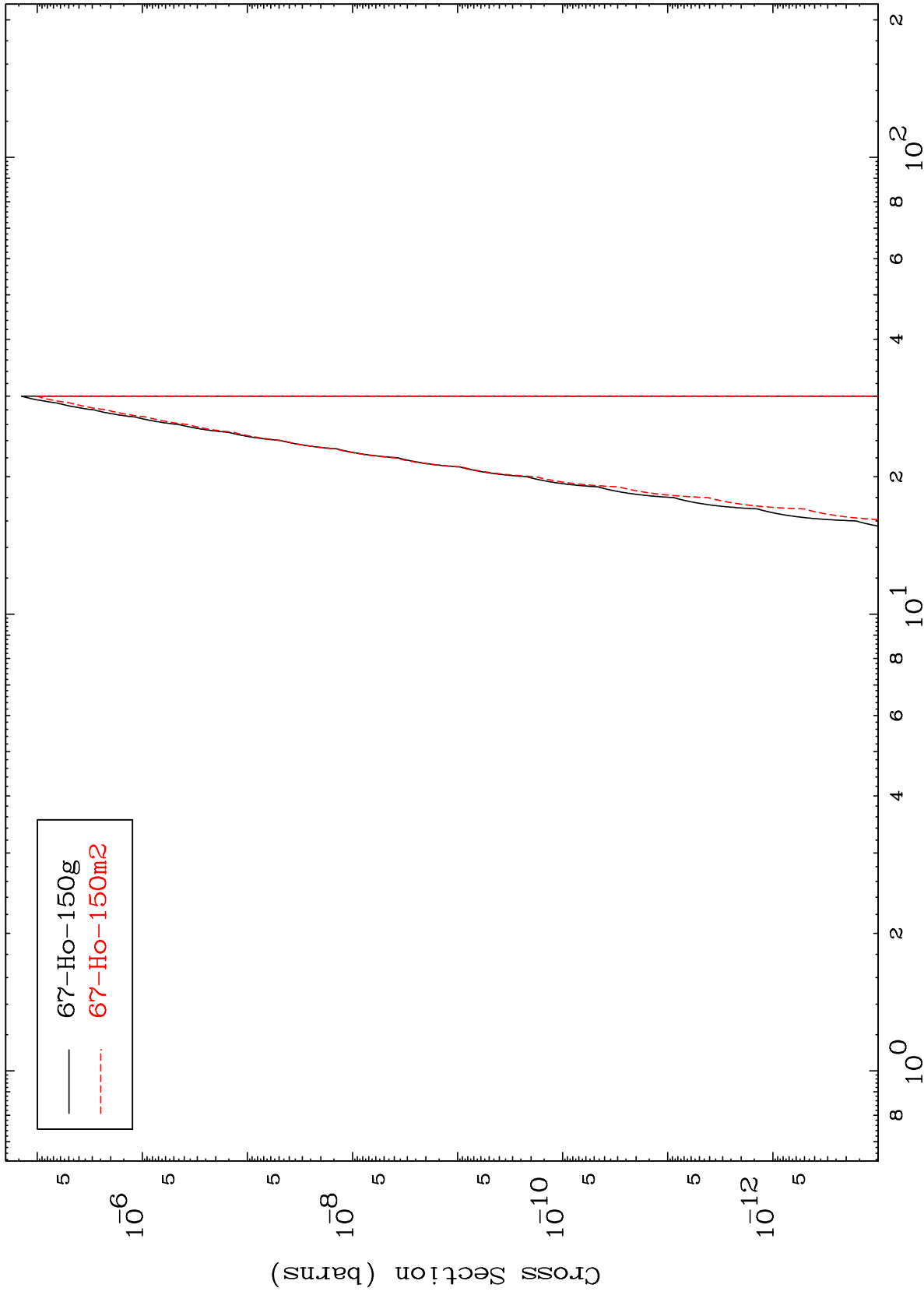
71-Lu-159

MAT 7077

(n,2n) 2α

71-Lu-159

Radionuclide Production Cross Section



29

Incident Energy (MeV)

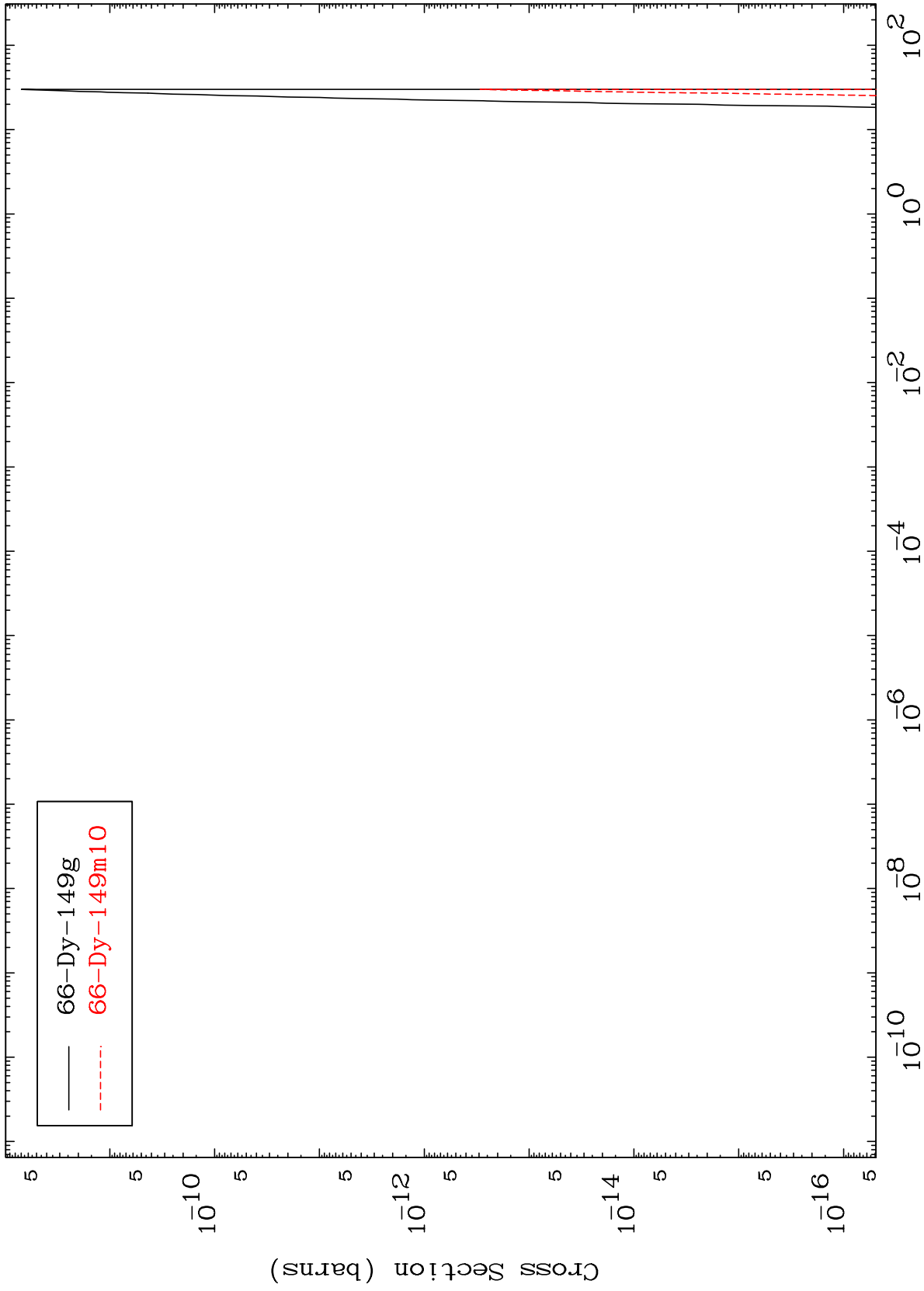
71-Lu-159

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(n, n') d, 2α

71-Lu-159

Radionuclide Production Cross Section



30

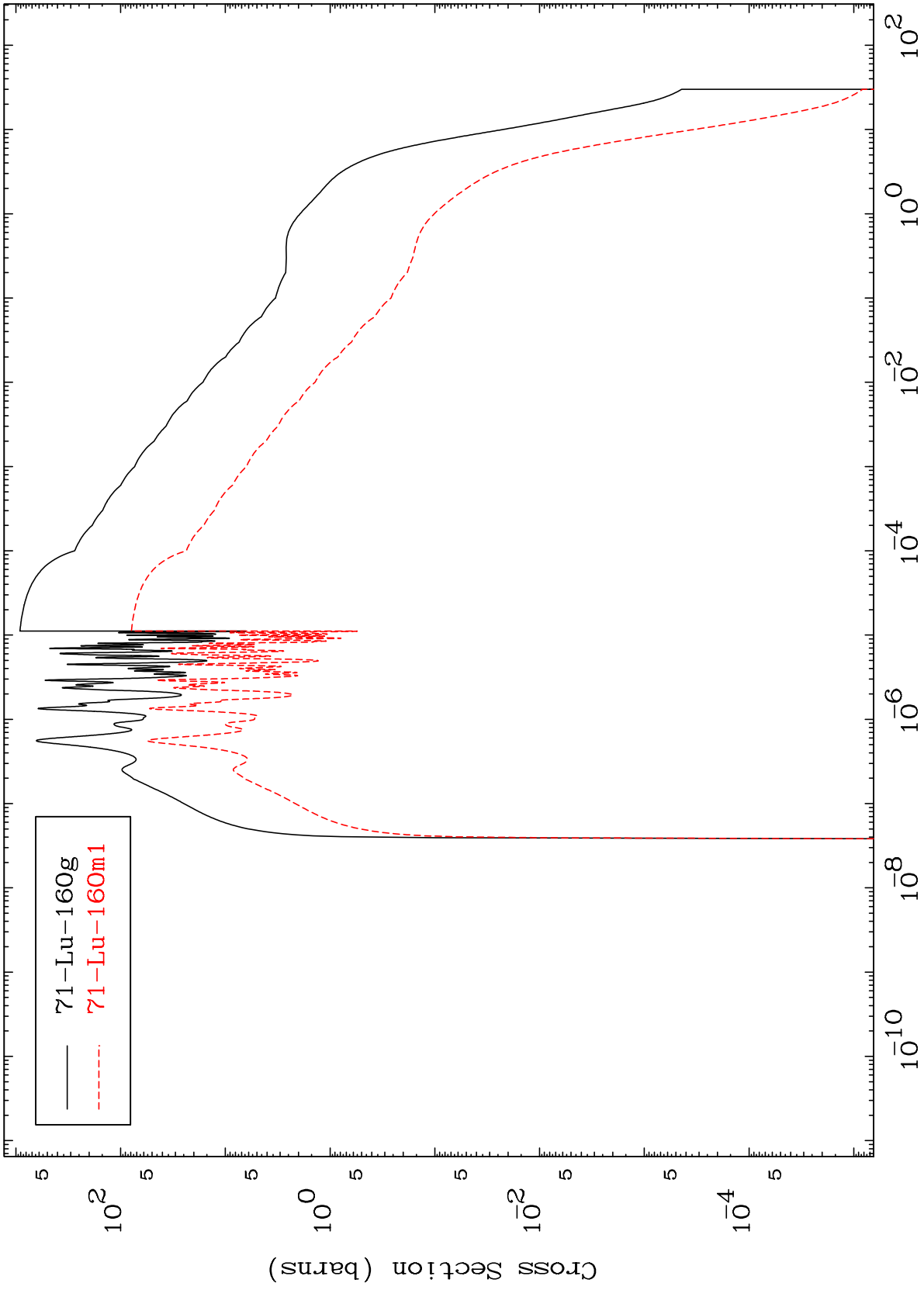
Incident Energy (MeV)

71-Lu-159

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71-Lu-159

Radionuclide Production Cross Section (n,γ)



31

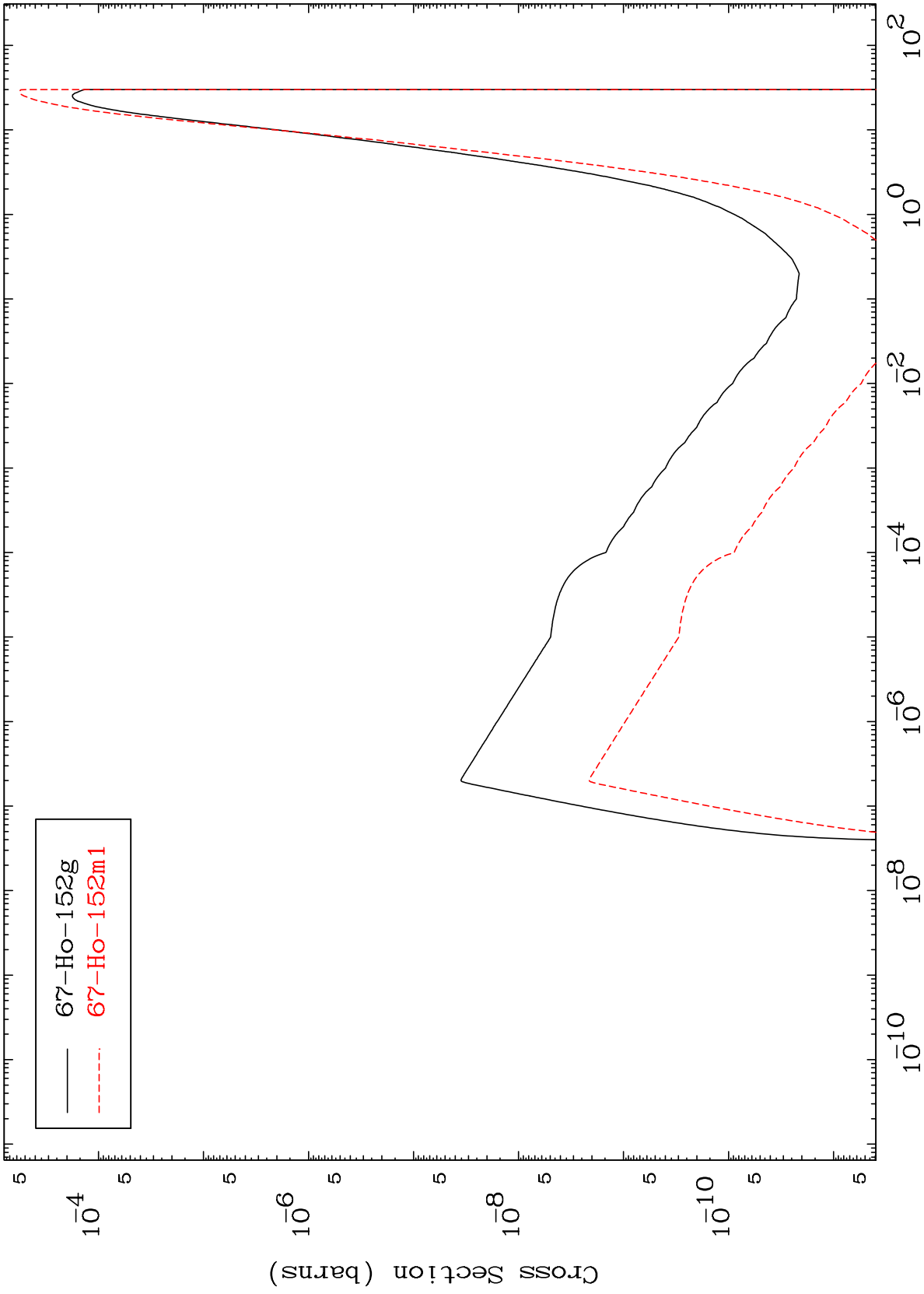
71-Lu-159

MAT 7077

(n,2α)

71-Lu-159

Radionuclide Production Cross Section



32

Incident Energy (MeV)

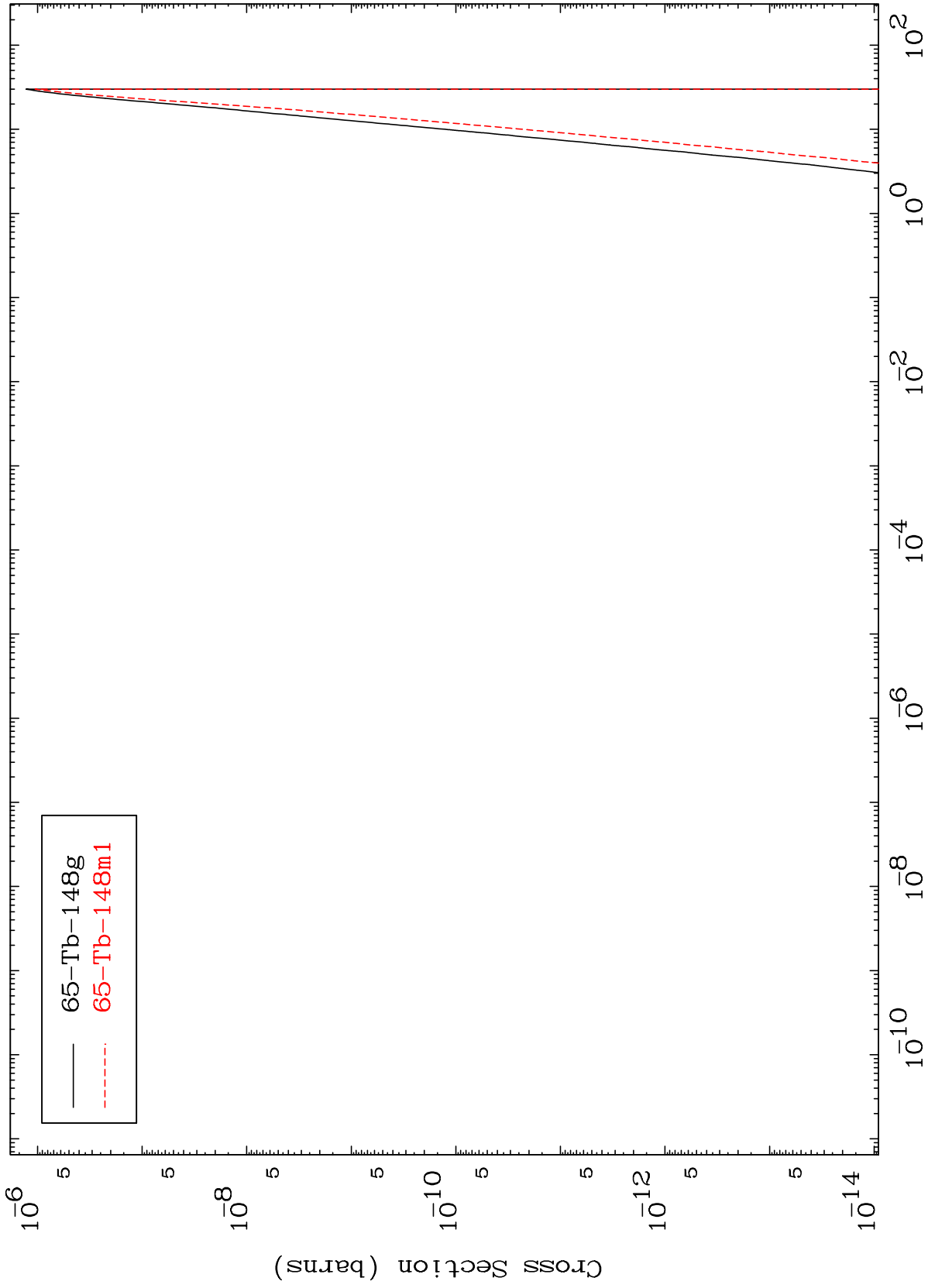
71-Lu-159

MAT 7077

(n,3α)

71-Lu-159

Radionuclide Production Cross Section



33

Incident Energy (MeV)

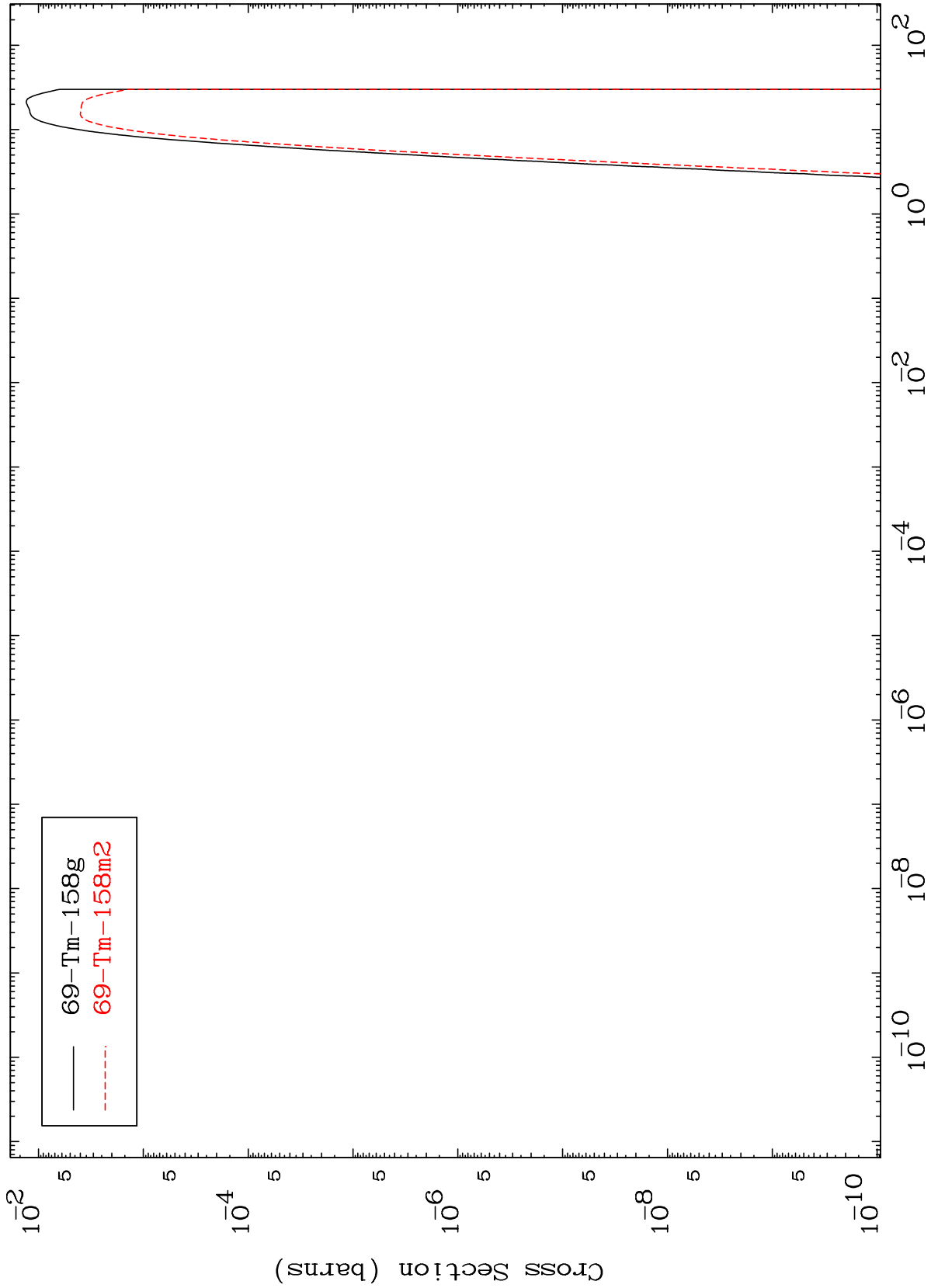
71-Lu-159

MAT 7077

(n,2p)

71-Lu-159

Radionuclide Production Cross Section



34

Incident Energy (MeV)

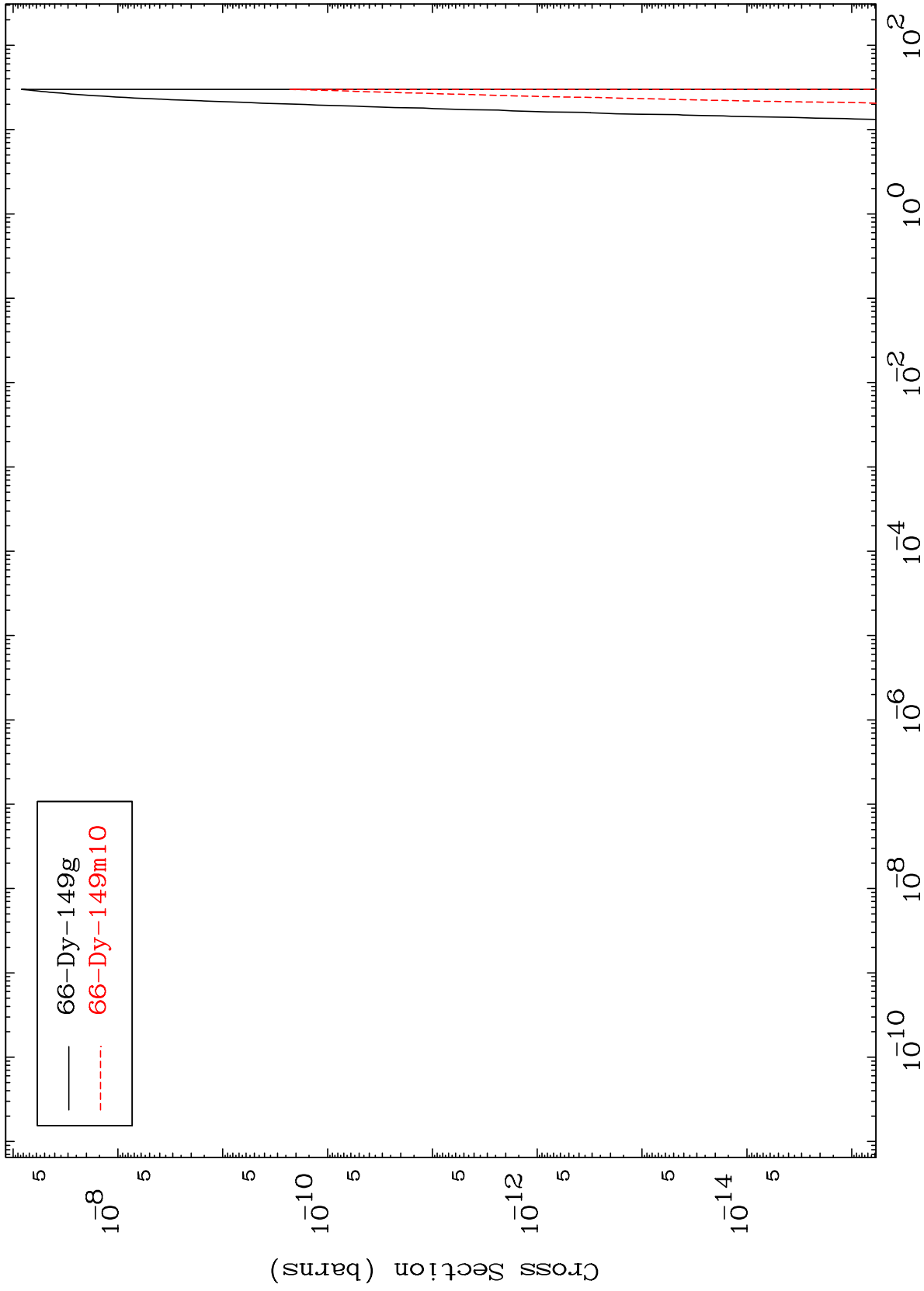
71-Lu-159

MAT 7077

(n, t)  $2\alpha$

$^{71}\text{Lu-159}$

Radionuclide Production Cross Section



35

Incident Energy (MeV)

$^{71}\text{Lu-159}$