

Program EVALPLOT
(Version 2018-1)

by

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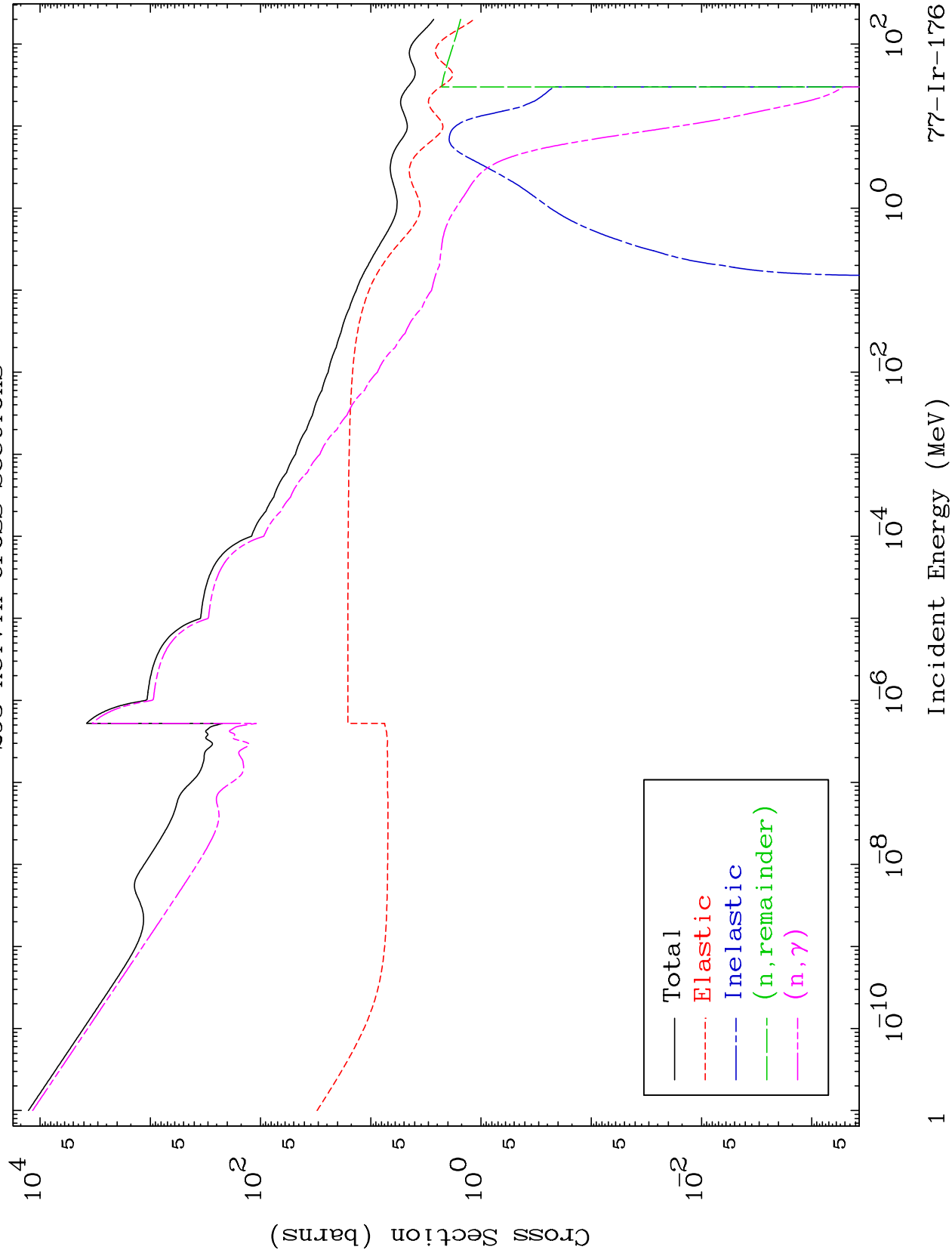
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7680

Major
293 Kelvin Cross Sections

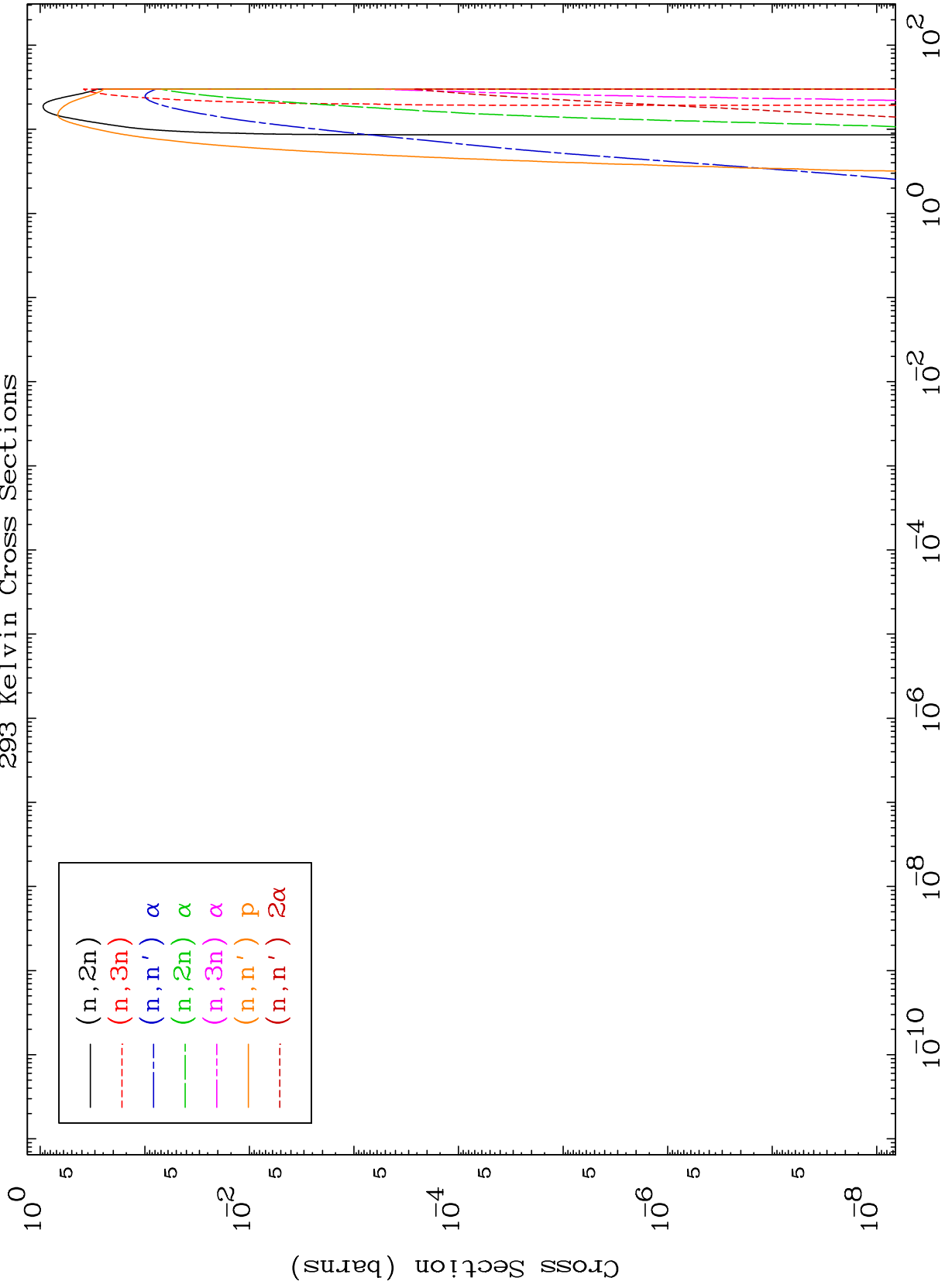
77-Ir-176



MAT 7680

Neutron Production
293 Kelvin Cross Sections

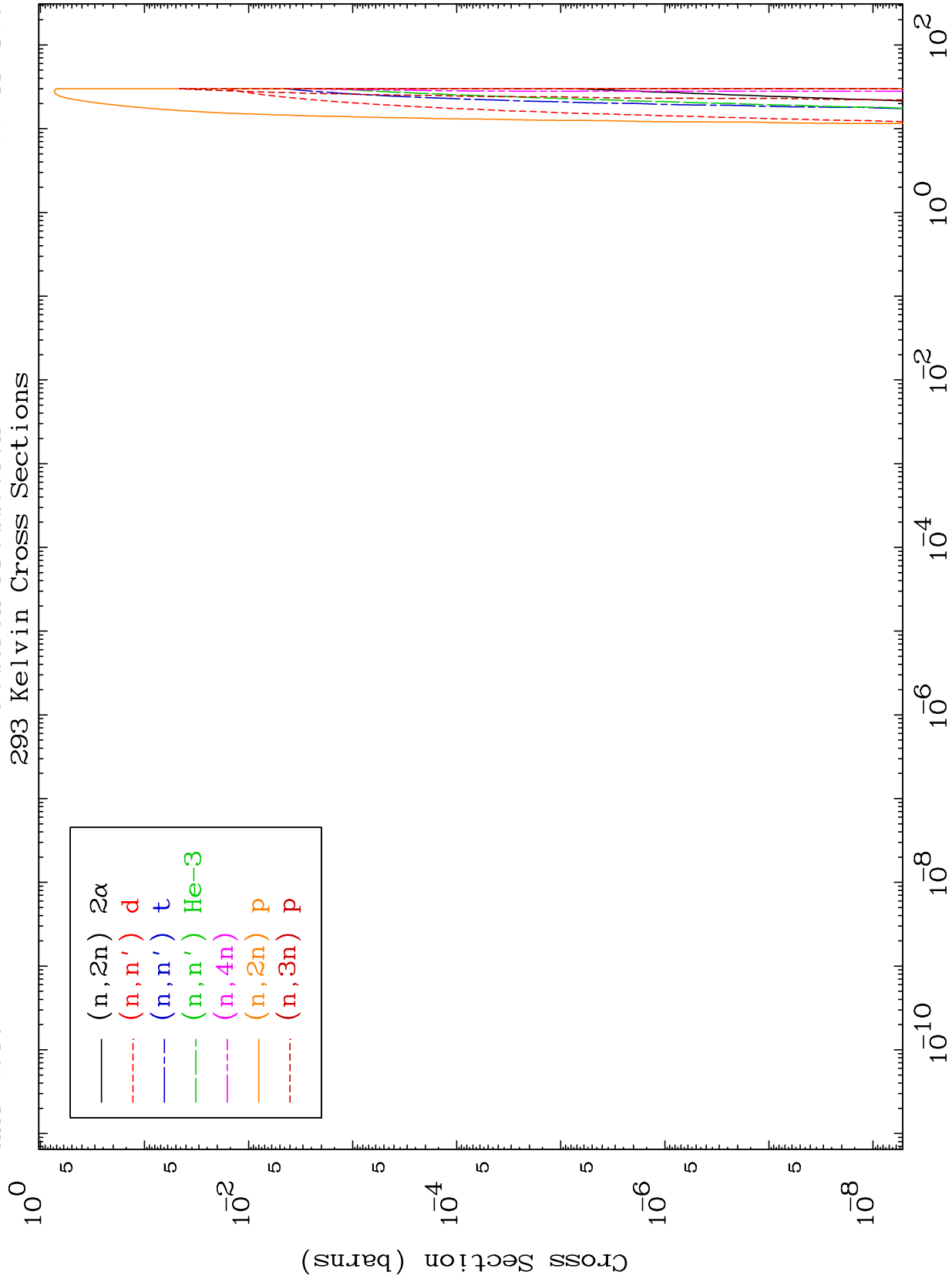
77-Ir-176



MAT 7680

Neutron Production
293 Kelvin Cross Sections

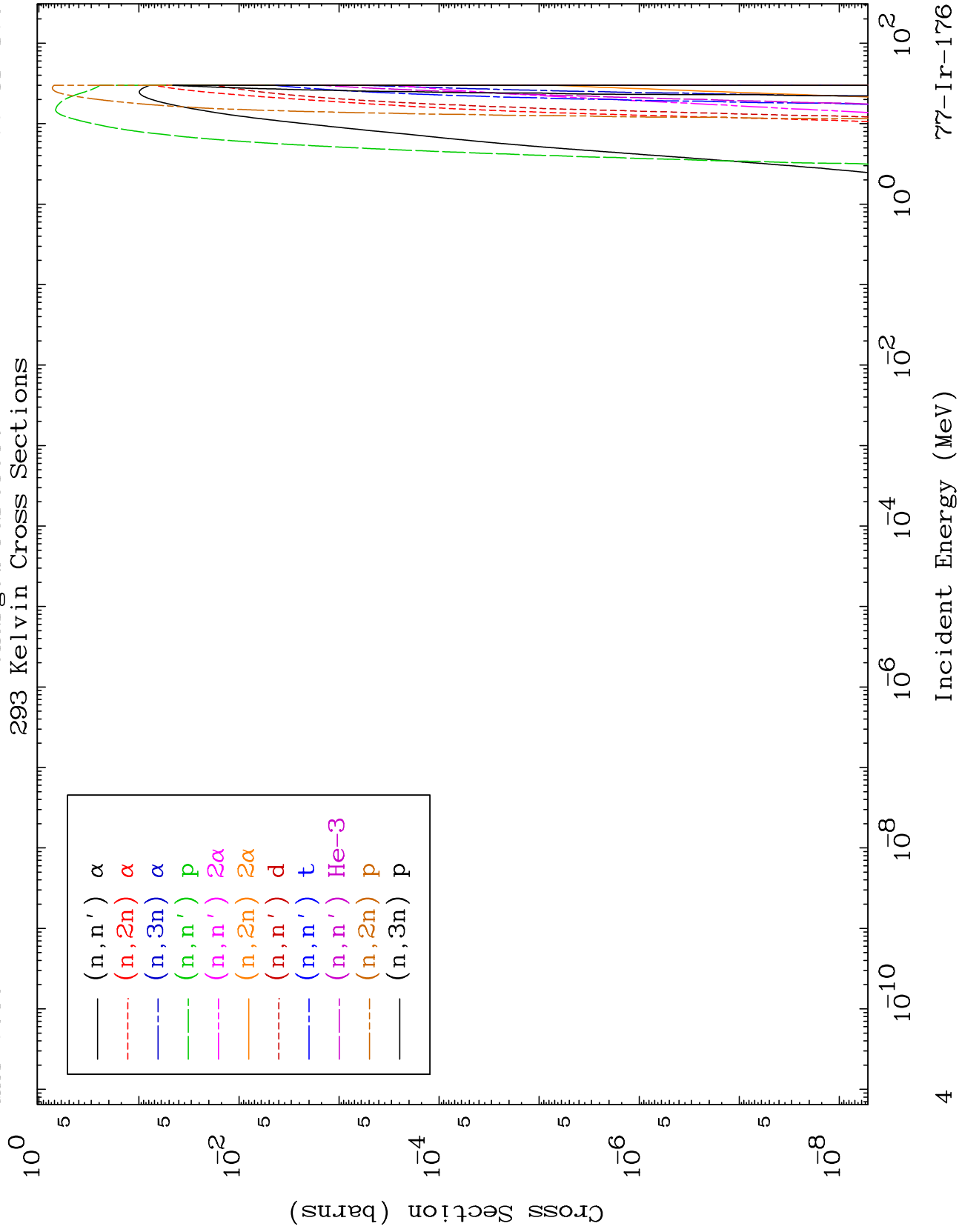
77-Ir-176

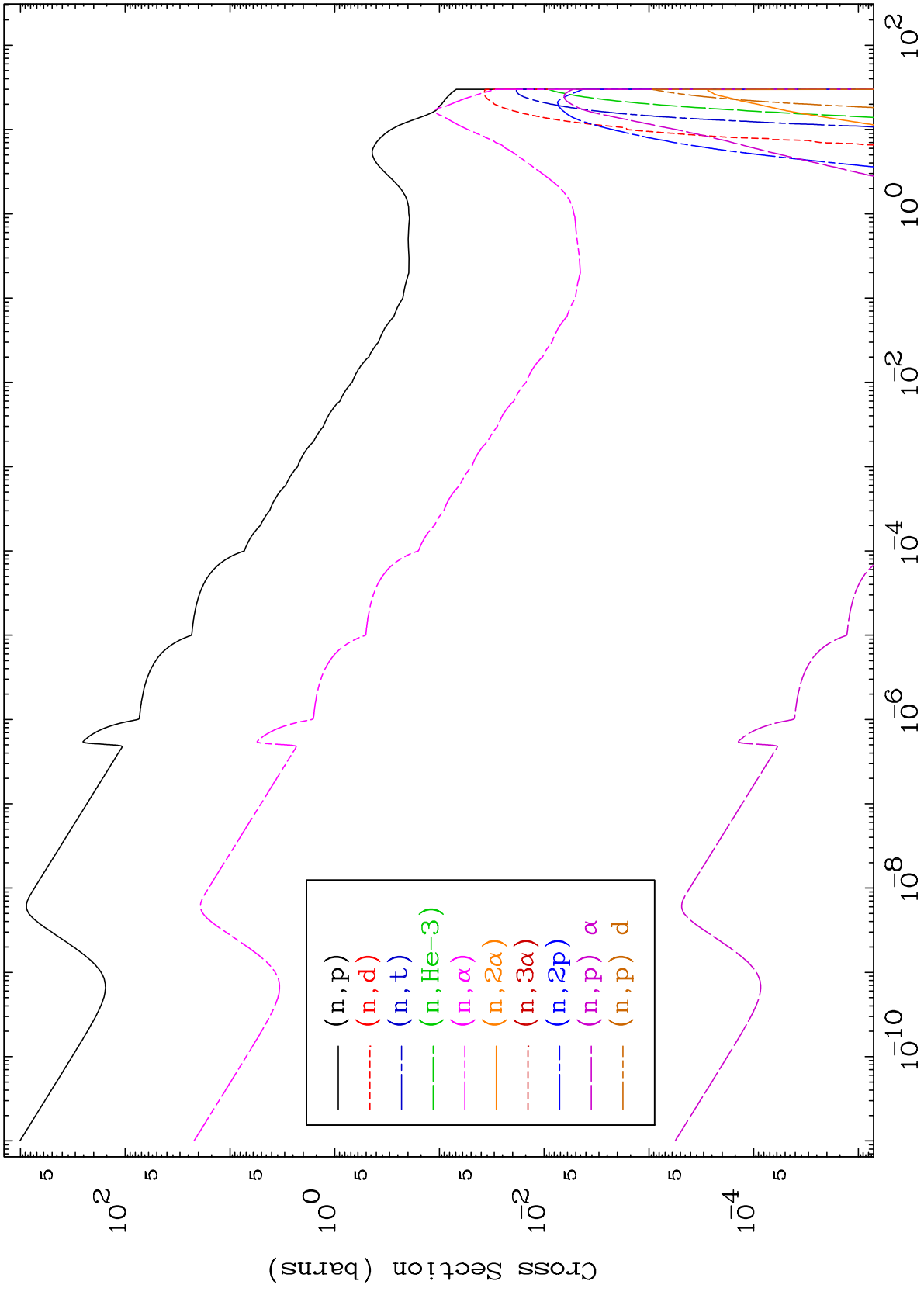


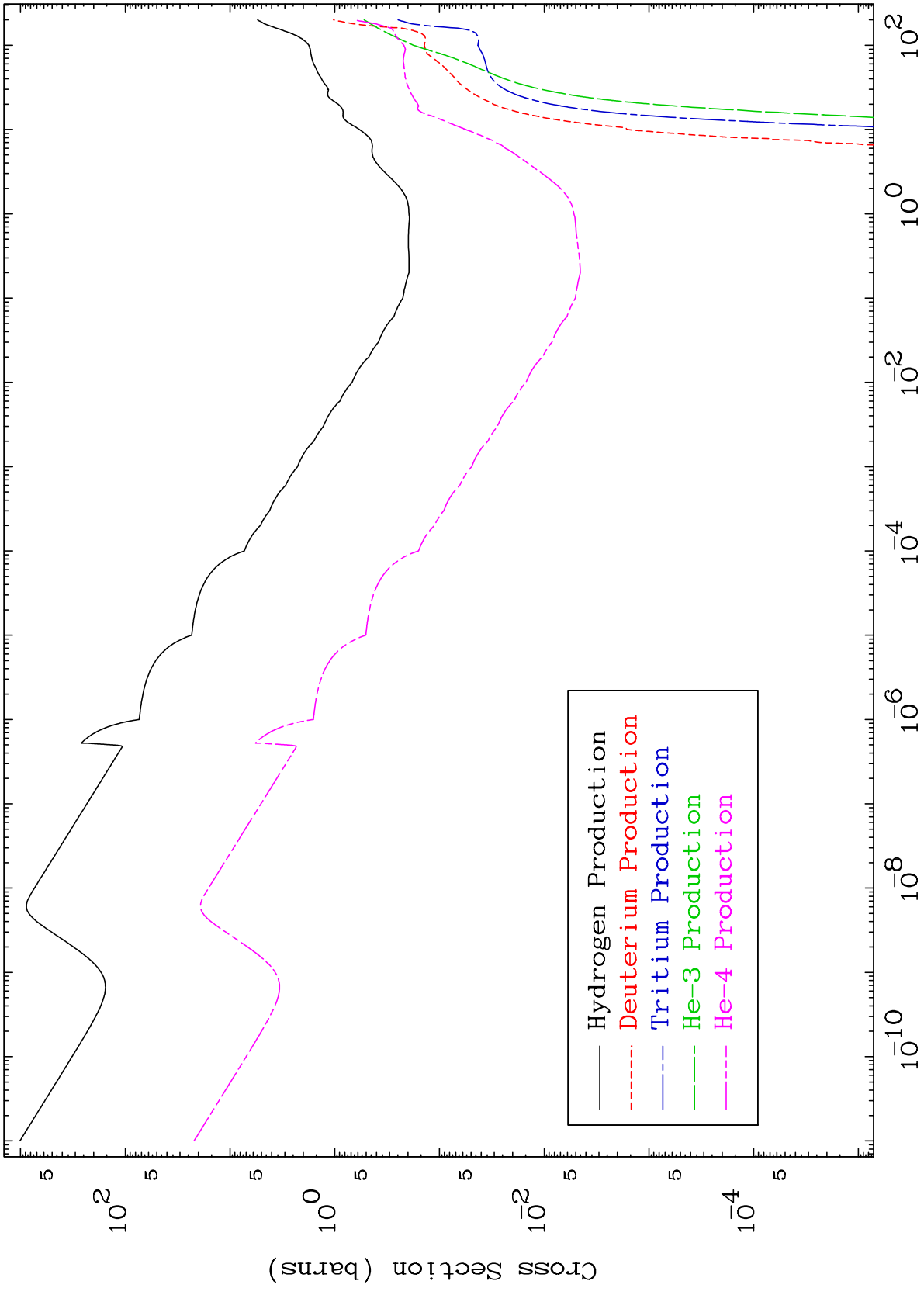
MAT 7680

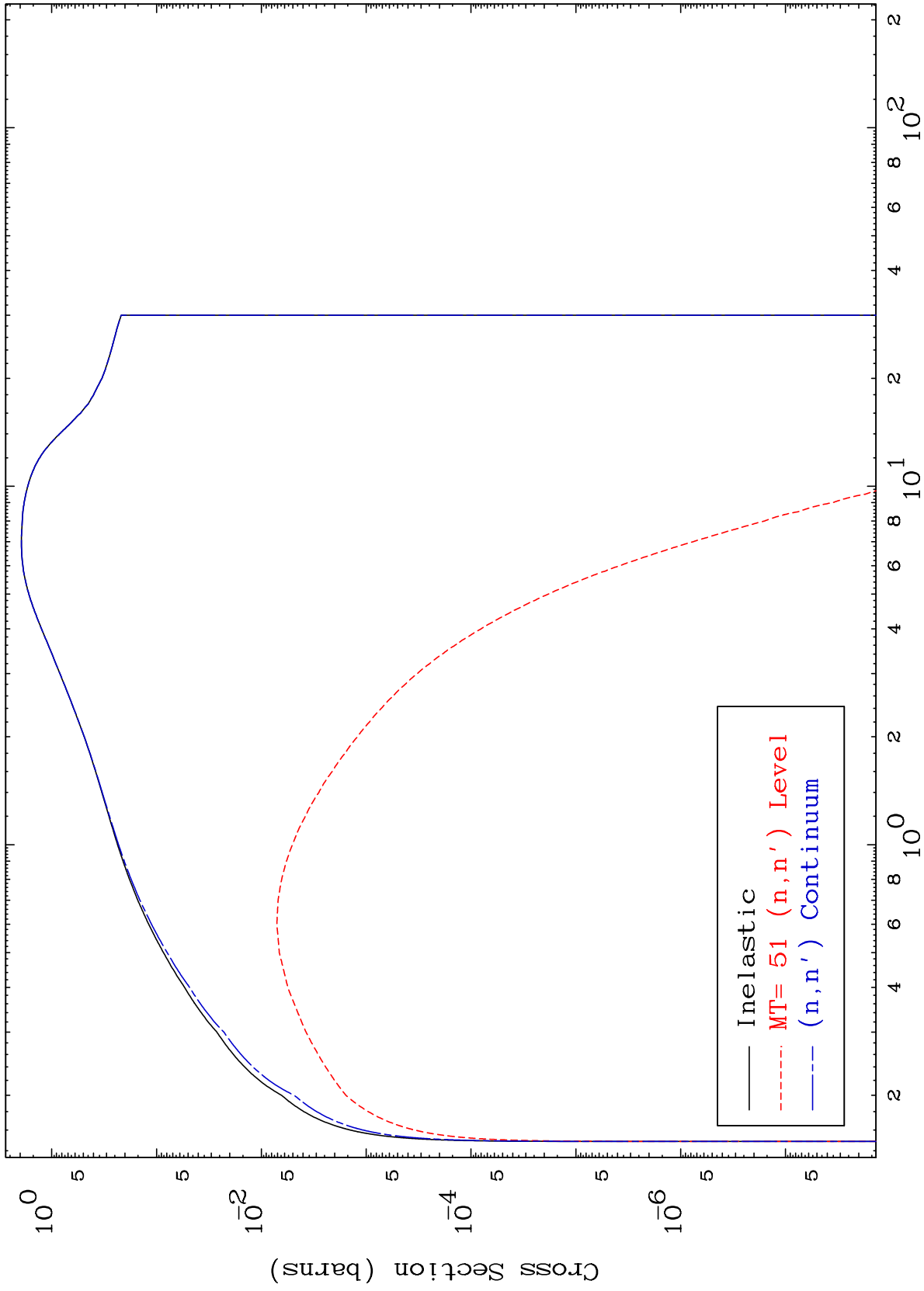
293 Charged Particle
Kelvin Cross Sections

77-Ir-176





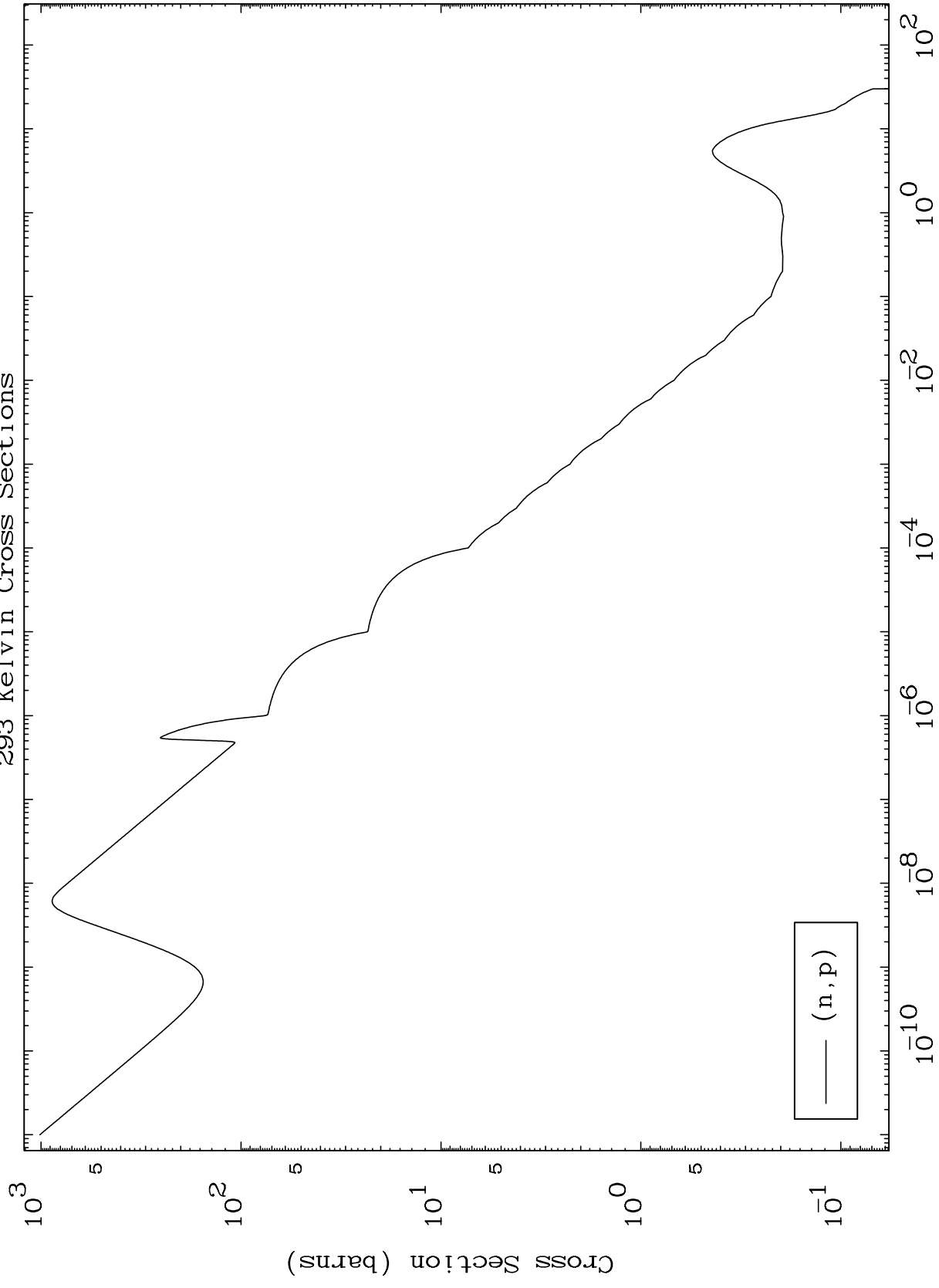




MAT 7680

(n,p) Levels
293 Kelvin Cross Sections

77-Ir-176

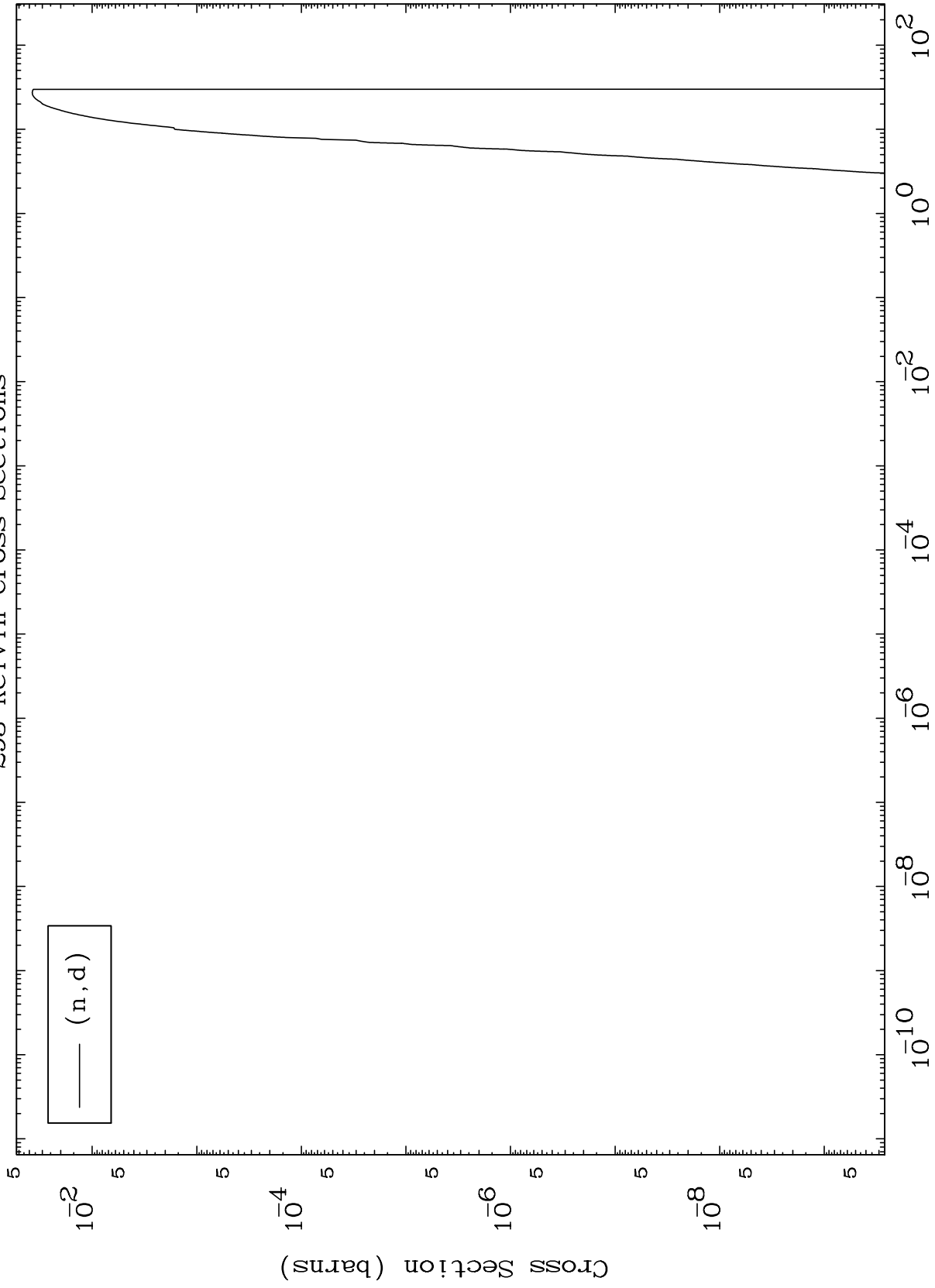


77-Ir-176

MAT 7680

(n,d) Levels
293 Kelvin Cross Sections

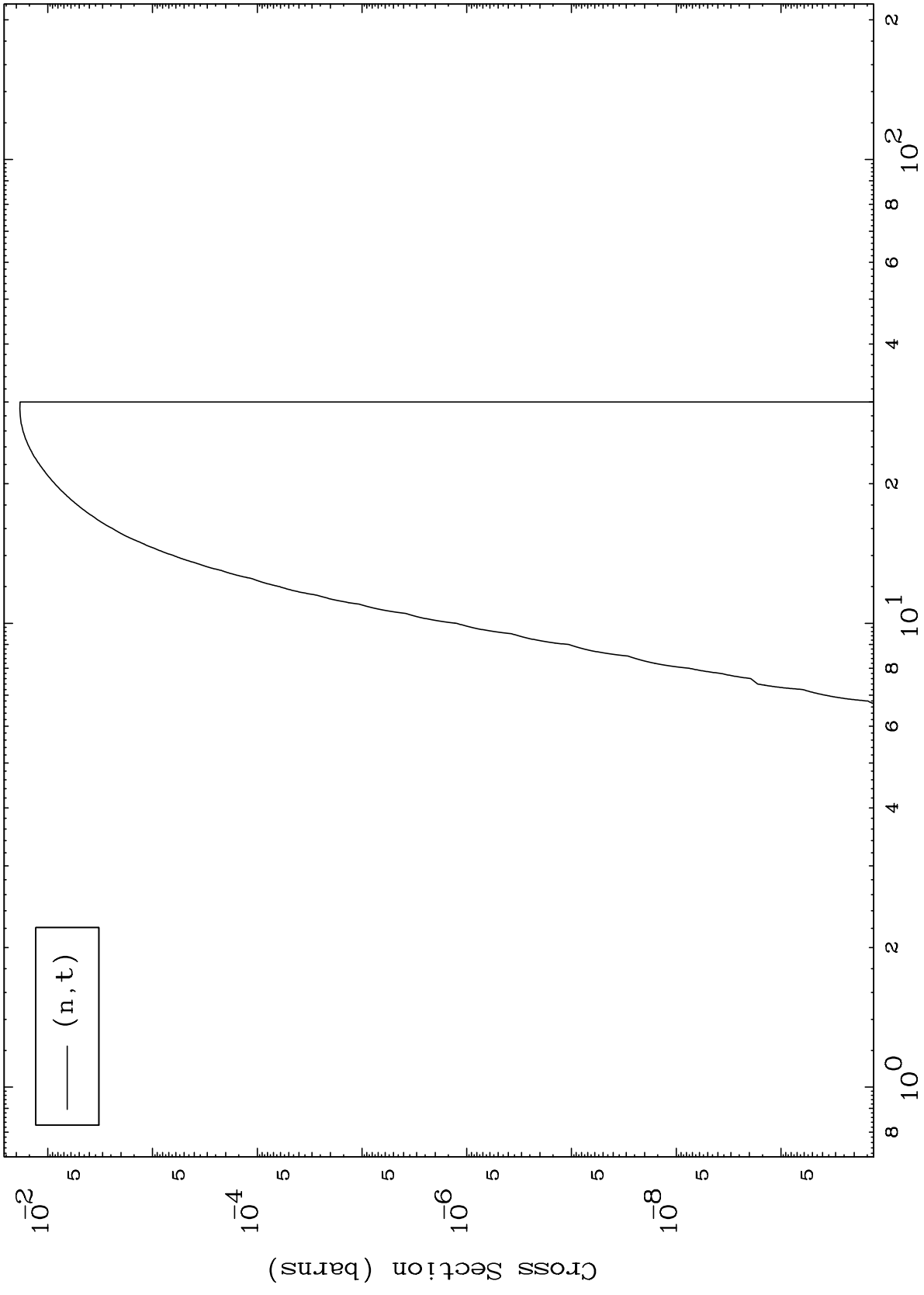
77-Ir-176



MAT 7680

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-176



— (n, t)

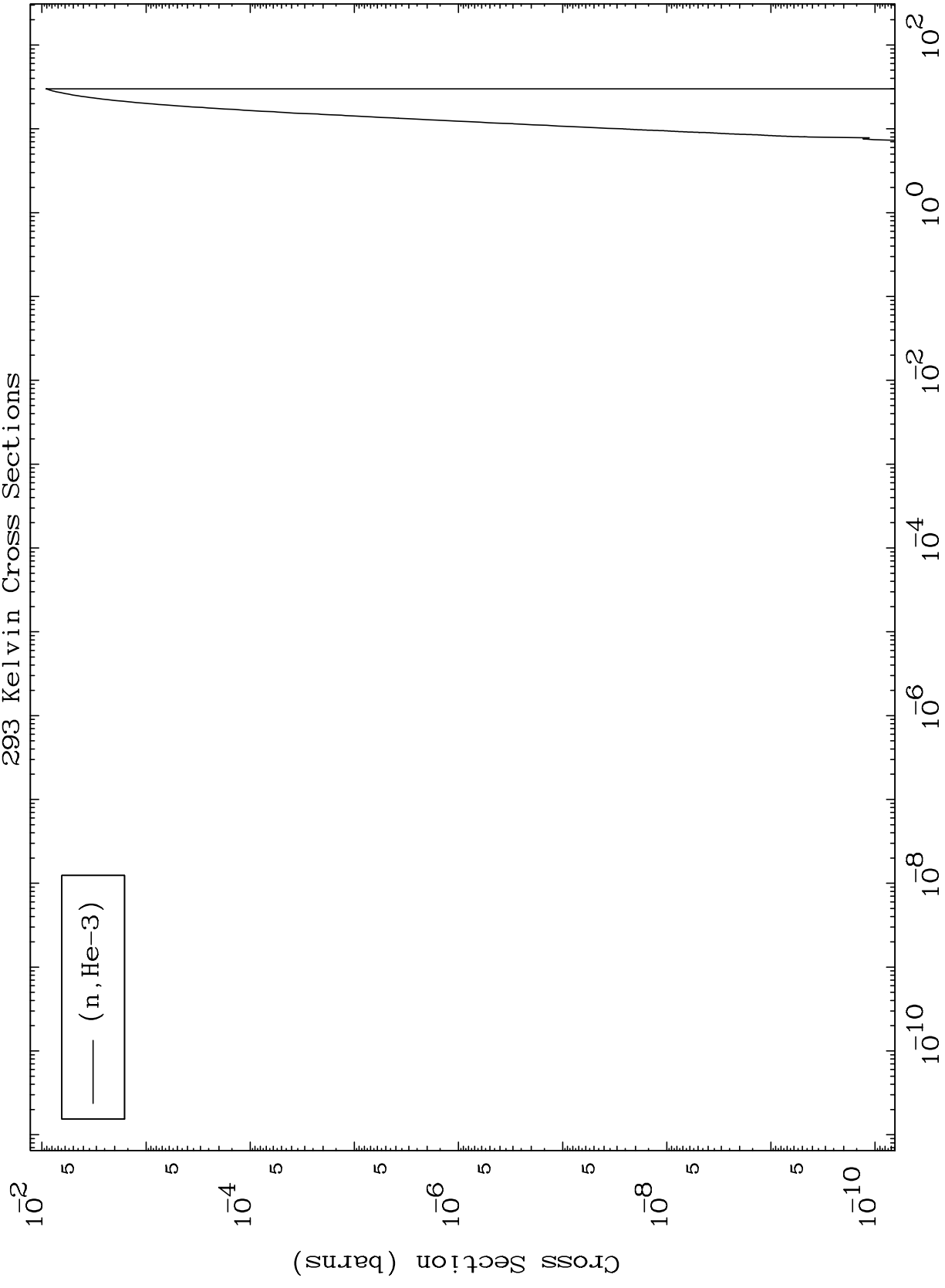
Incident Energy (MeV)

77-Ir-176

MAT 7680

(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-176



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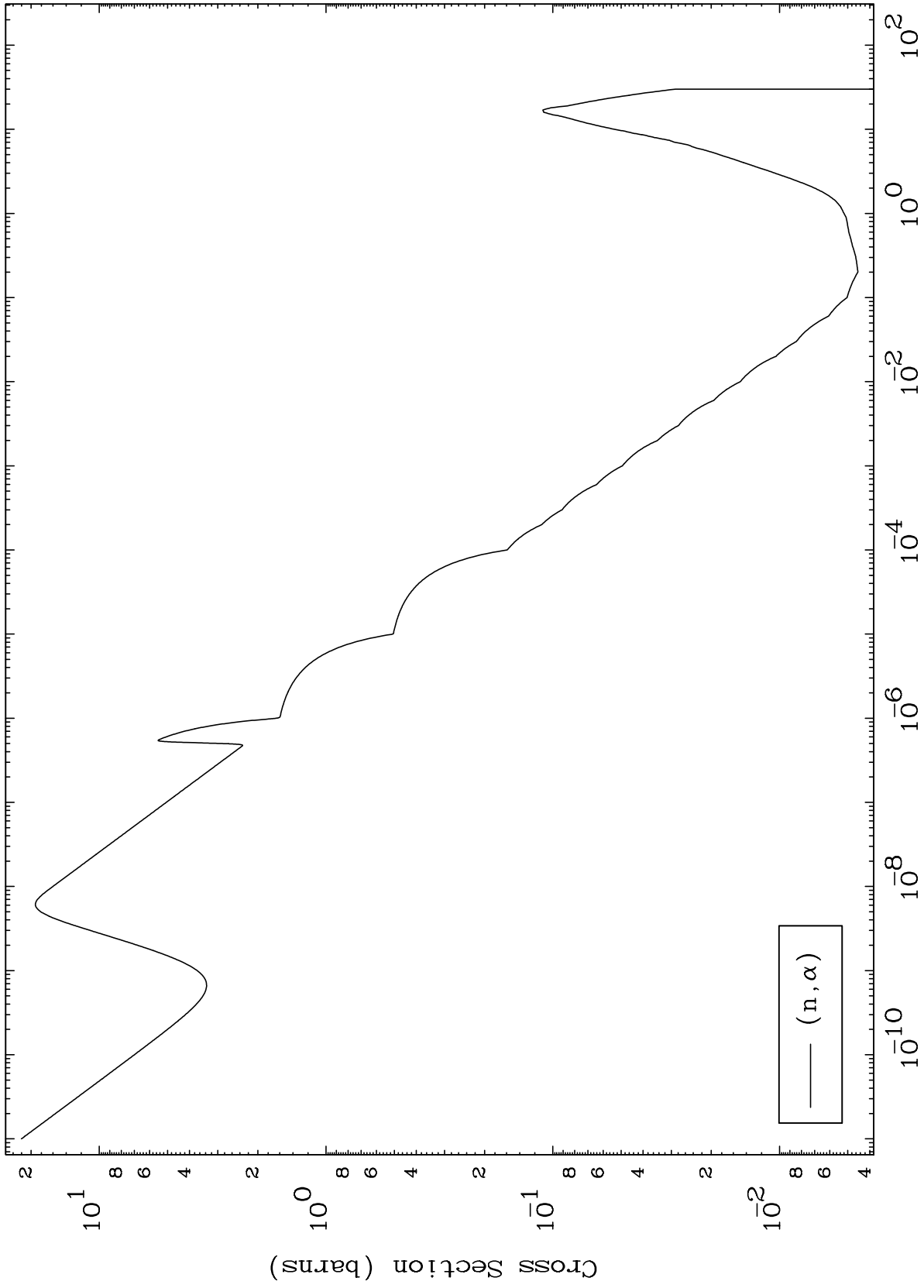
Incident Energy (MeV)

77-Ir-176

MAT 7680

(n,α) Levels
293 Kelvin Cross Sections

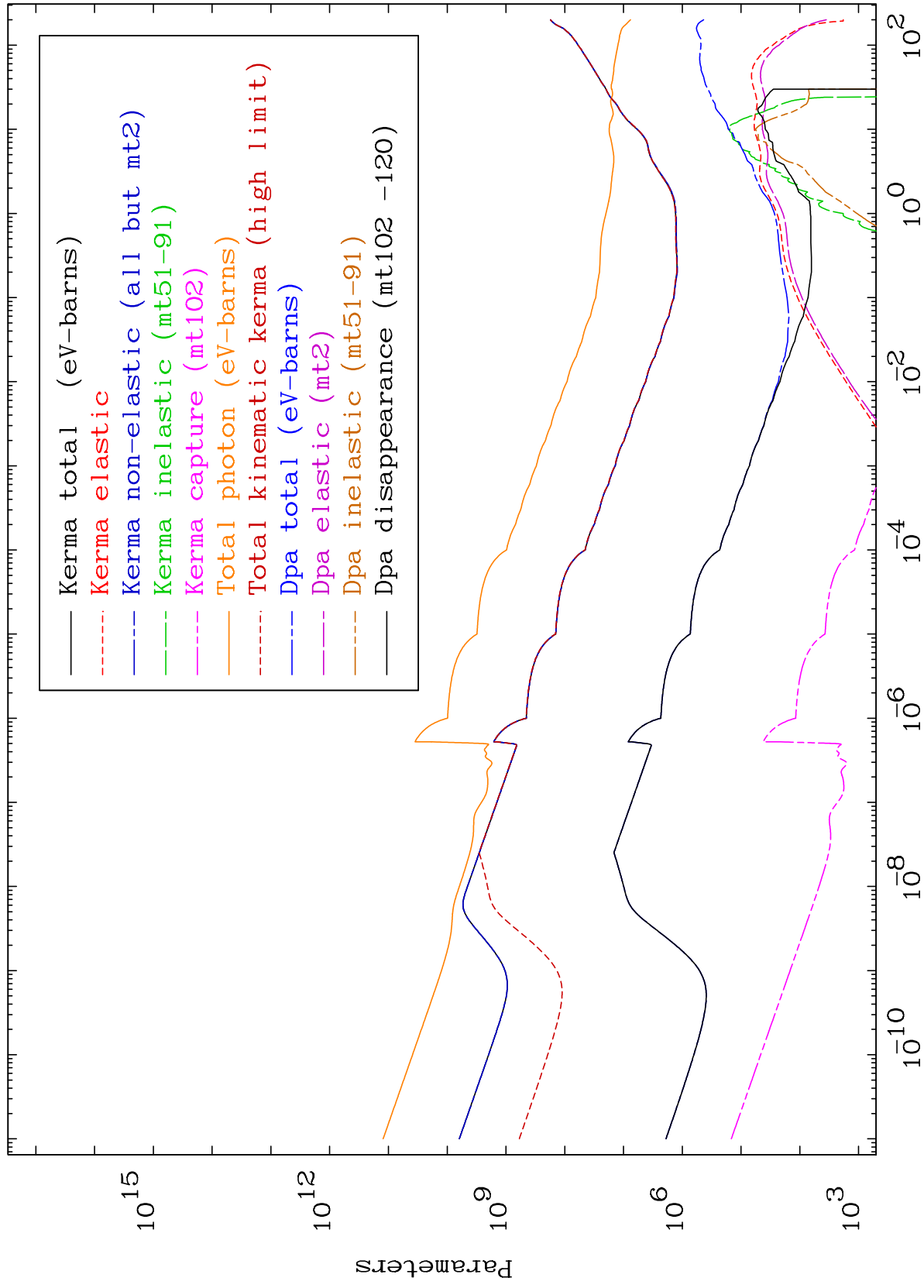
77-Ir-176

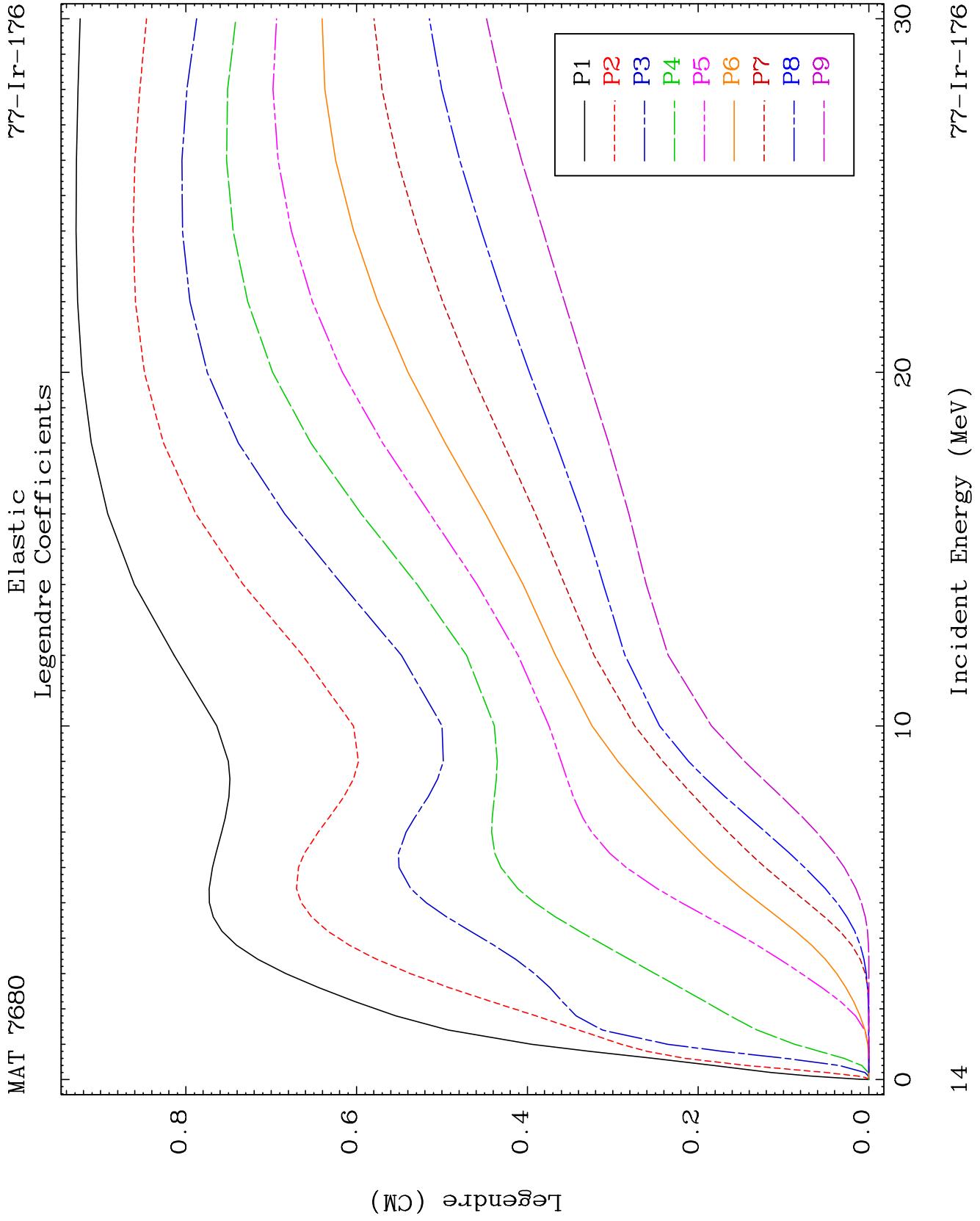


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Incident Energy (MeV)

77-Ir-176

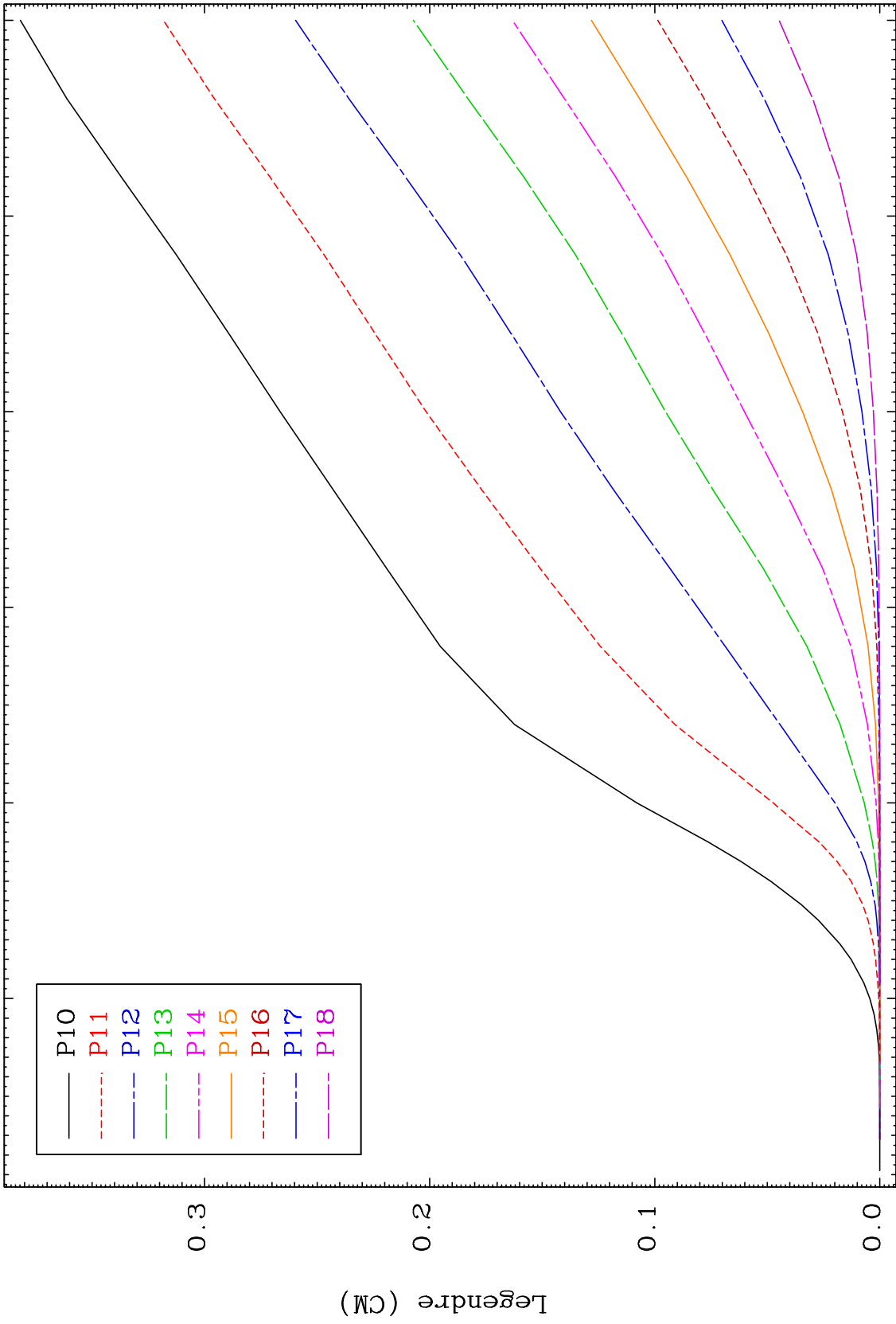




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Elastic Legendre Coefficients

⁷⁷Ir-176



15

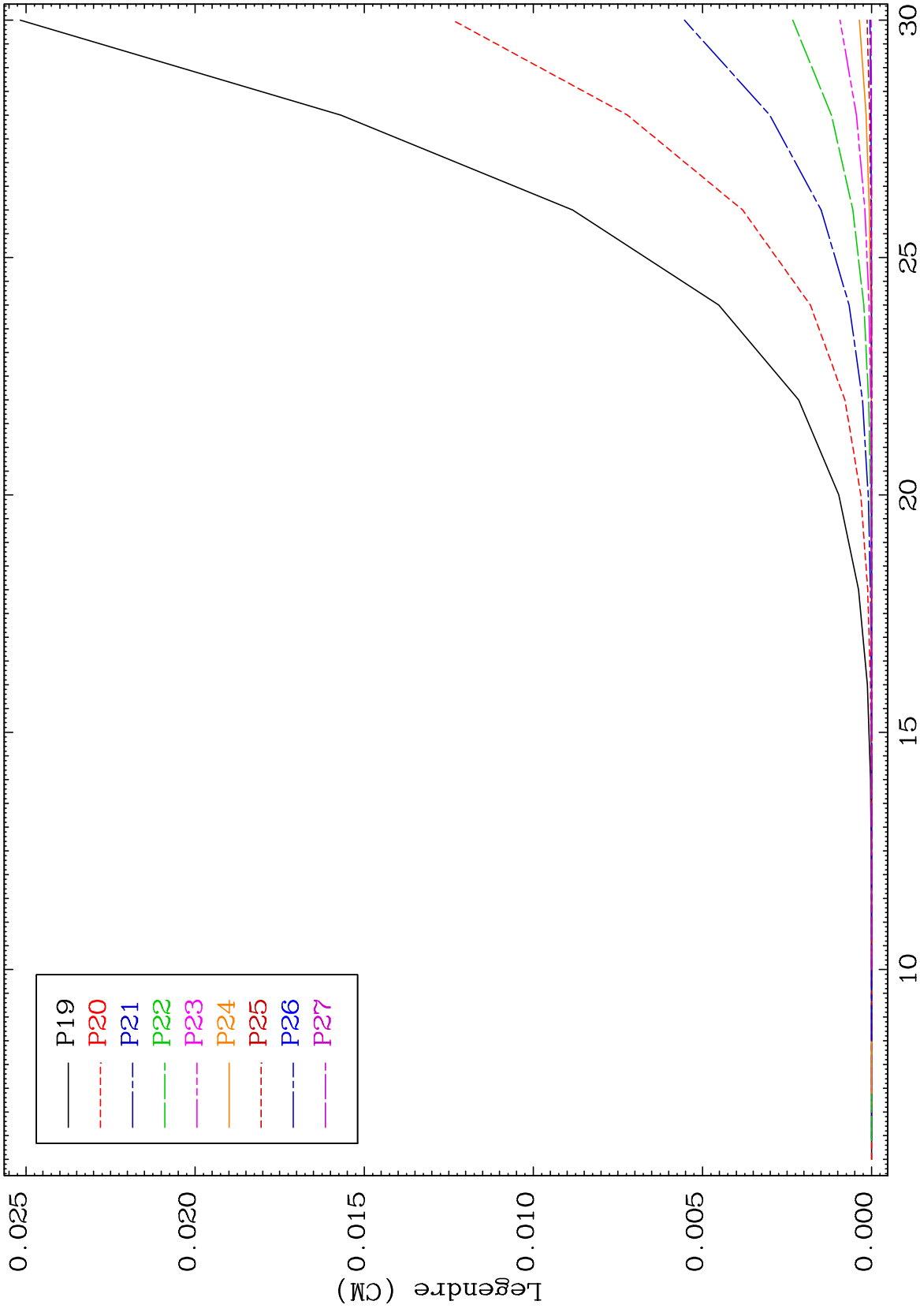
Incident Energy (MeV)

⁷⁷Ir-176

MAT 7680

Elastic Legendre Coefficients

77-Ir-176



16

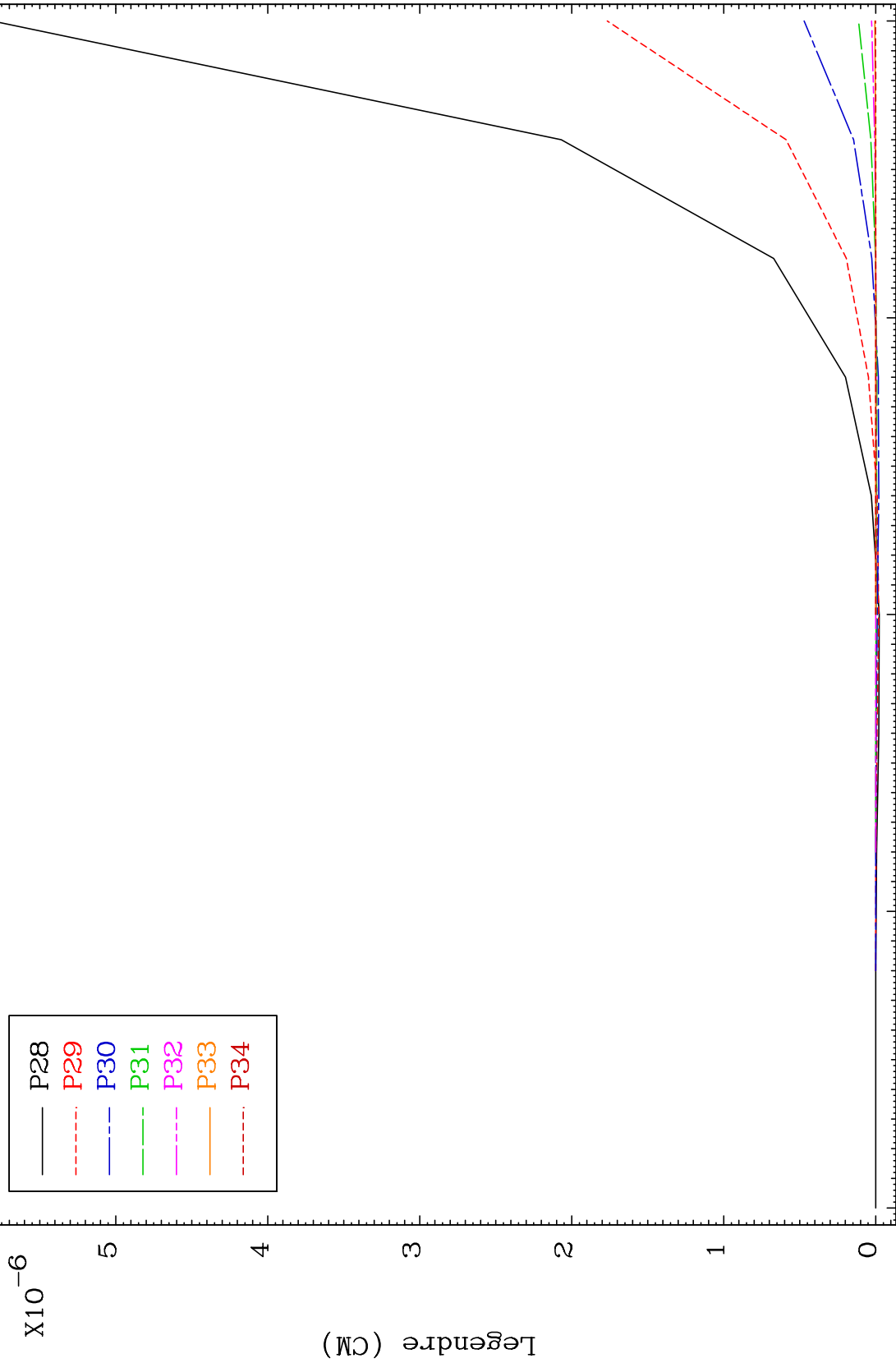
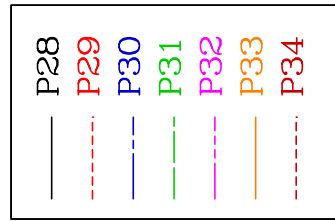
Incident Energy (MeV)

77-Ir-176

MAT 7680

Elastic Legendre Coefficients

77-Ir-176



17

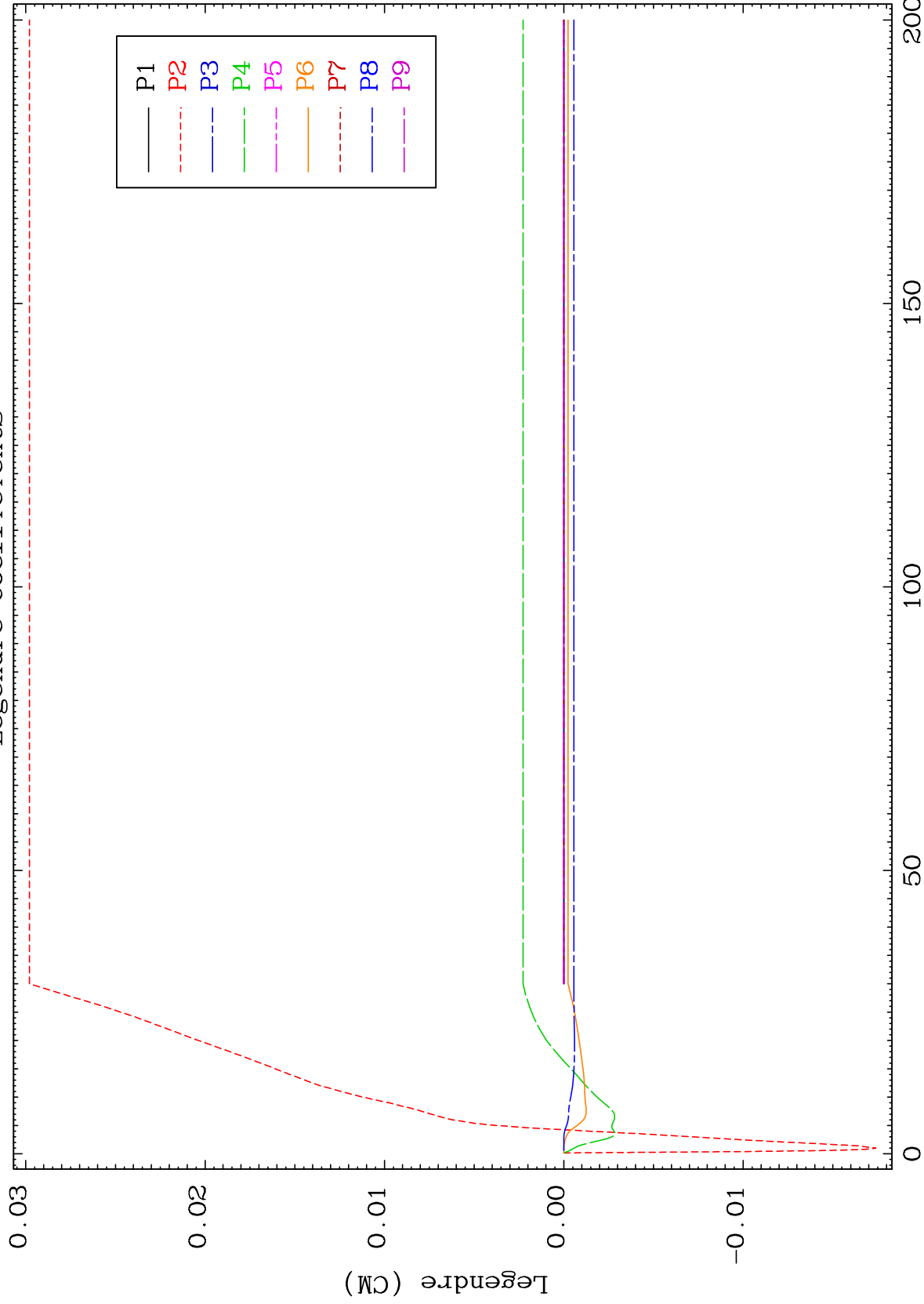
Incident Energy (MeV)

77-Ir-176

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

77-Ir-176



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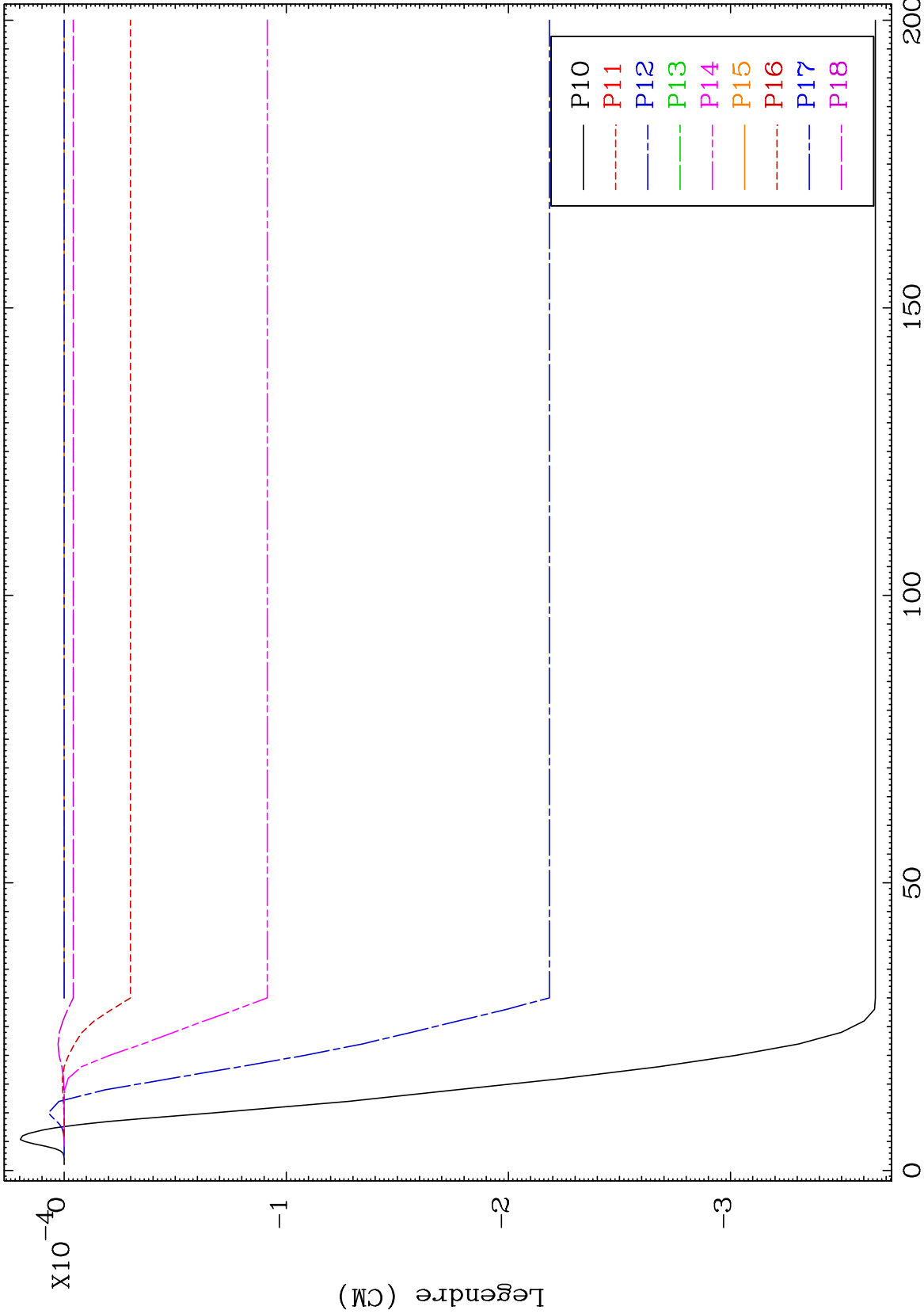
Incident Energy (MeV)

77-Ir-176

MAT 7680

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

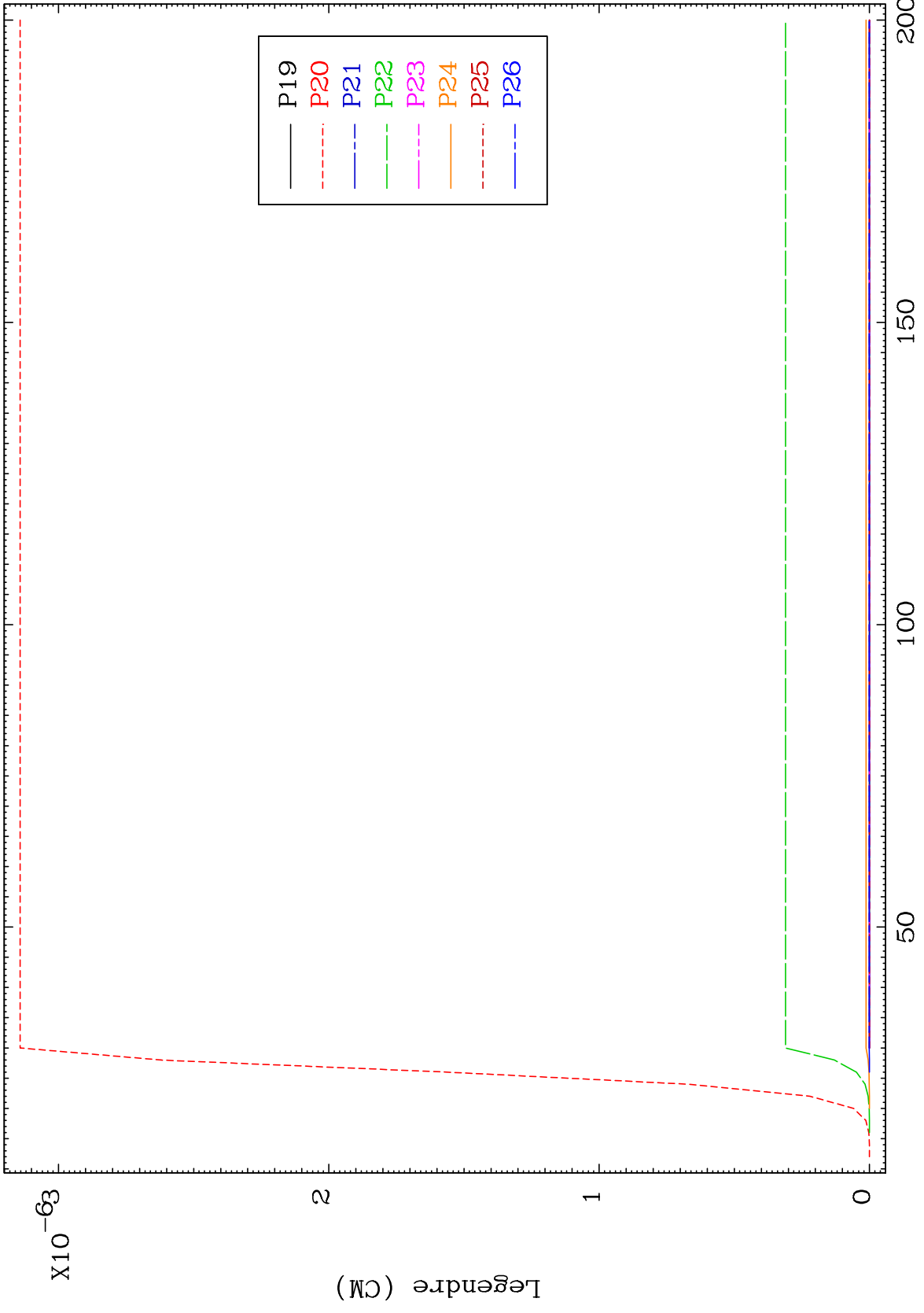
77-Ir-176



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77-Ir-176

MAT 7680 MT= 51 (n,n') Level Legendre Coefficients 77-Ir-176



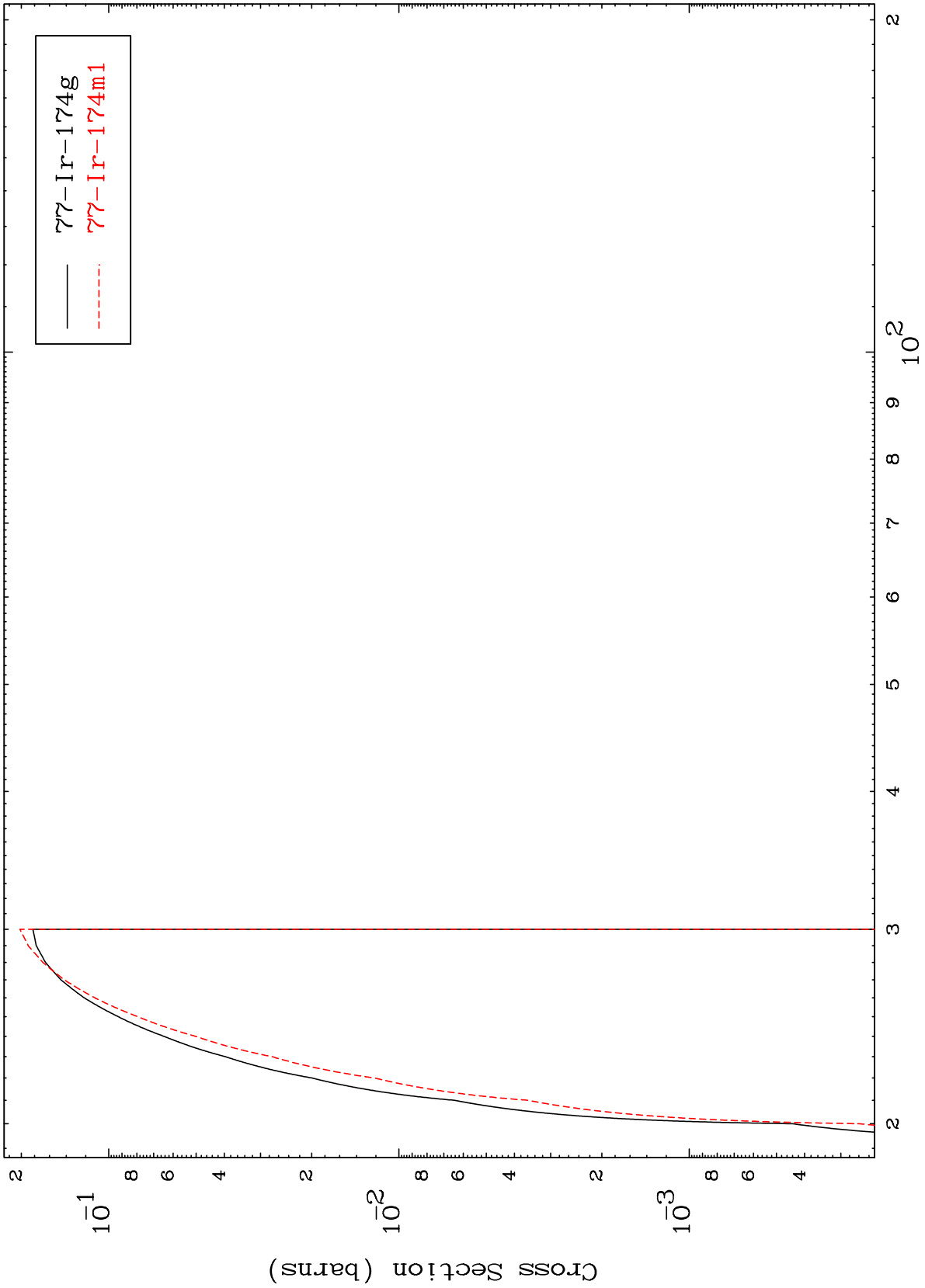
77-Ir-176

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(n,3n)

⁷⁷Ir-176

Radionuclide Production Cross Section



21

⁷⁷Ir-176

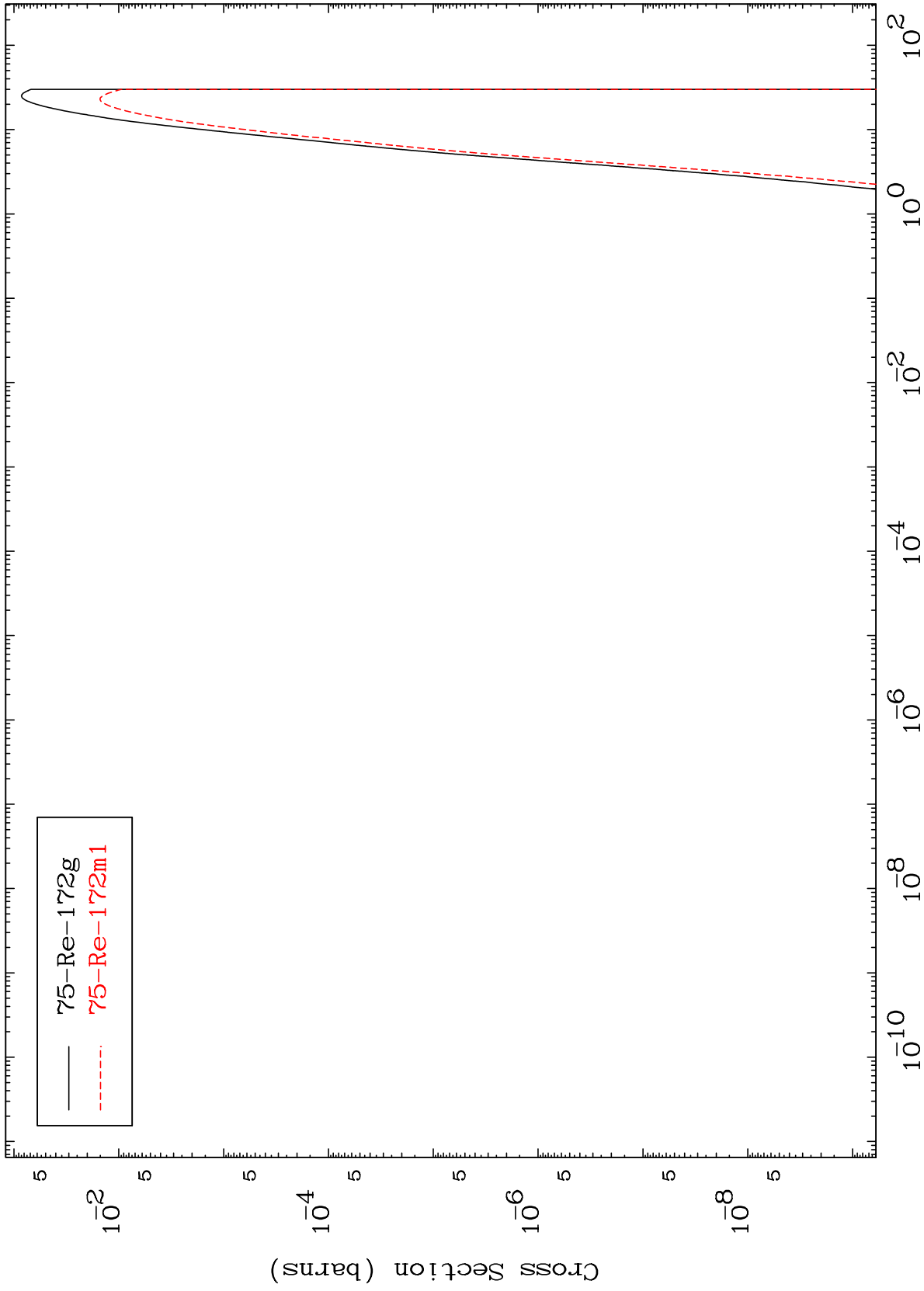
Incident Energy (MeV)

MAT 7680

$(n, n') \alpha$

$^{77}\text{Ir-176}$

Radionuclide Production Cross Section



22

Incident Energy (MeV)

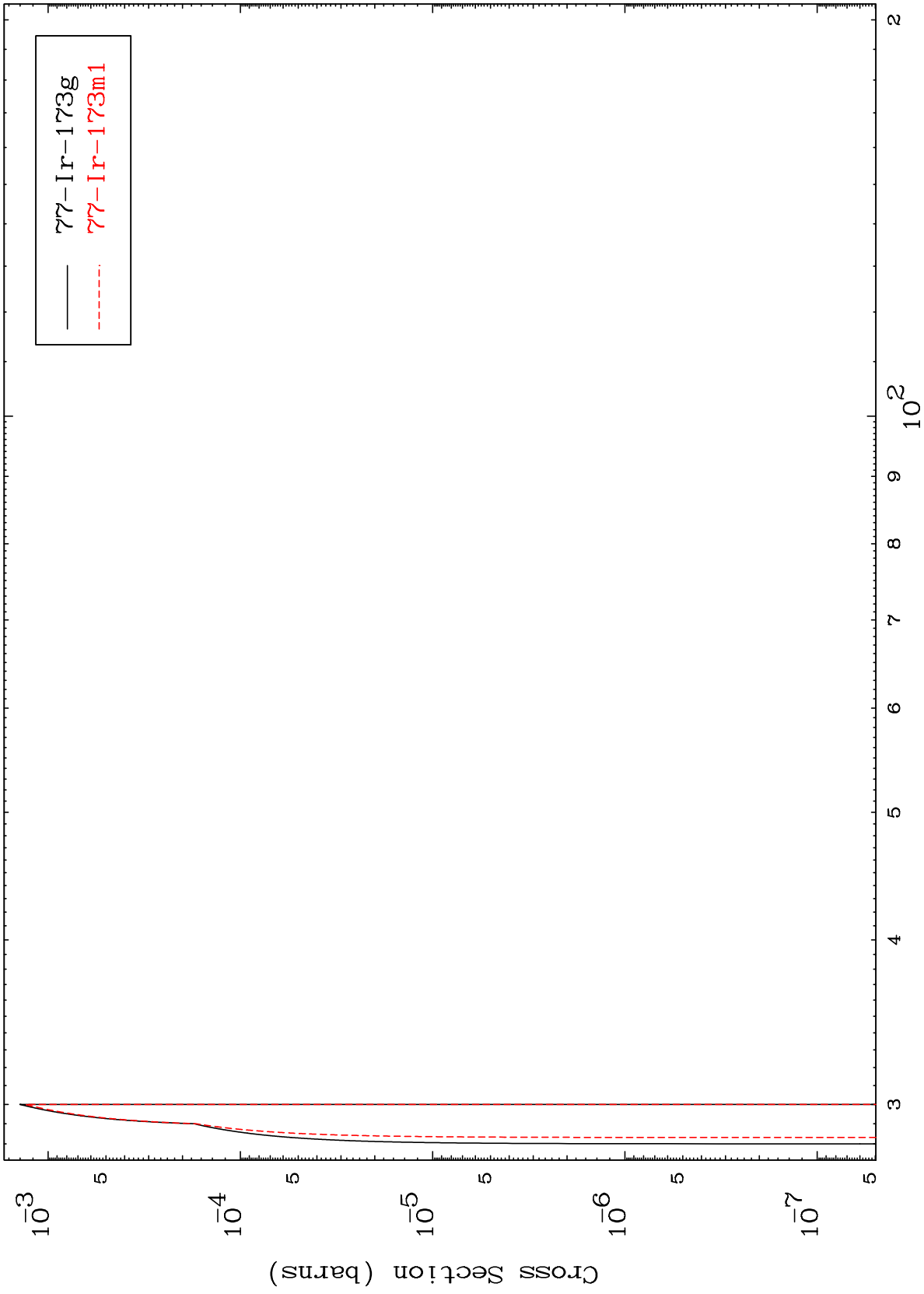
$^{77}\text{Ir-176}$

MAT 7680

(n,4n)

⁷⁷Ir-176

Radionuclide Production Cross Section



23

⁷⁷Ir-176