

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

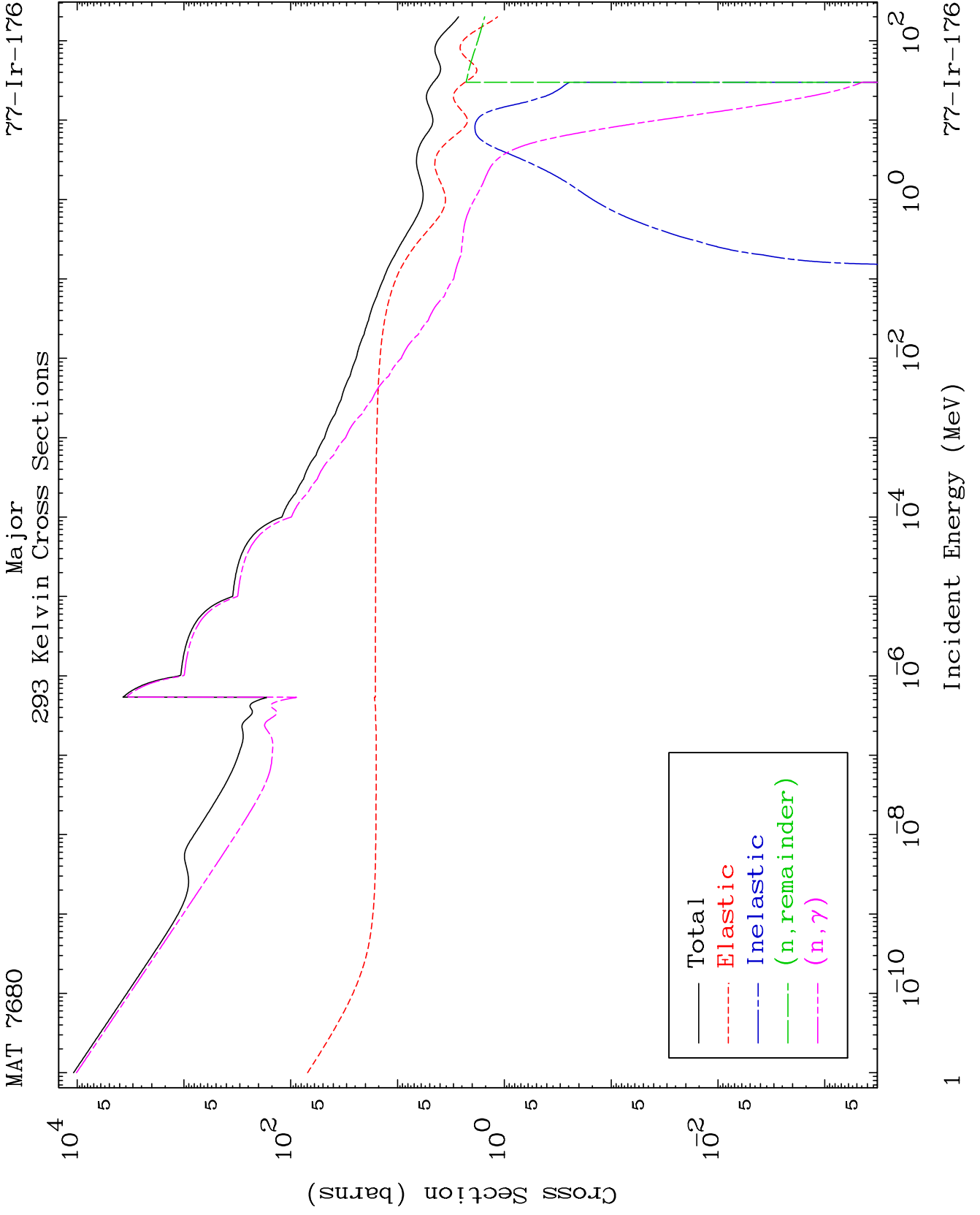
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Web:redcullen1.net/HOMEPAGE.NEW

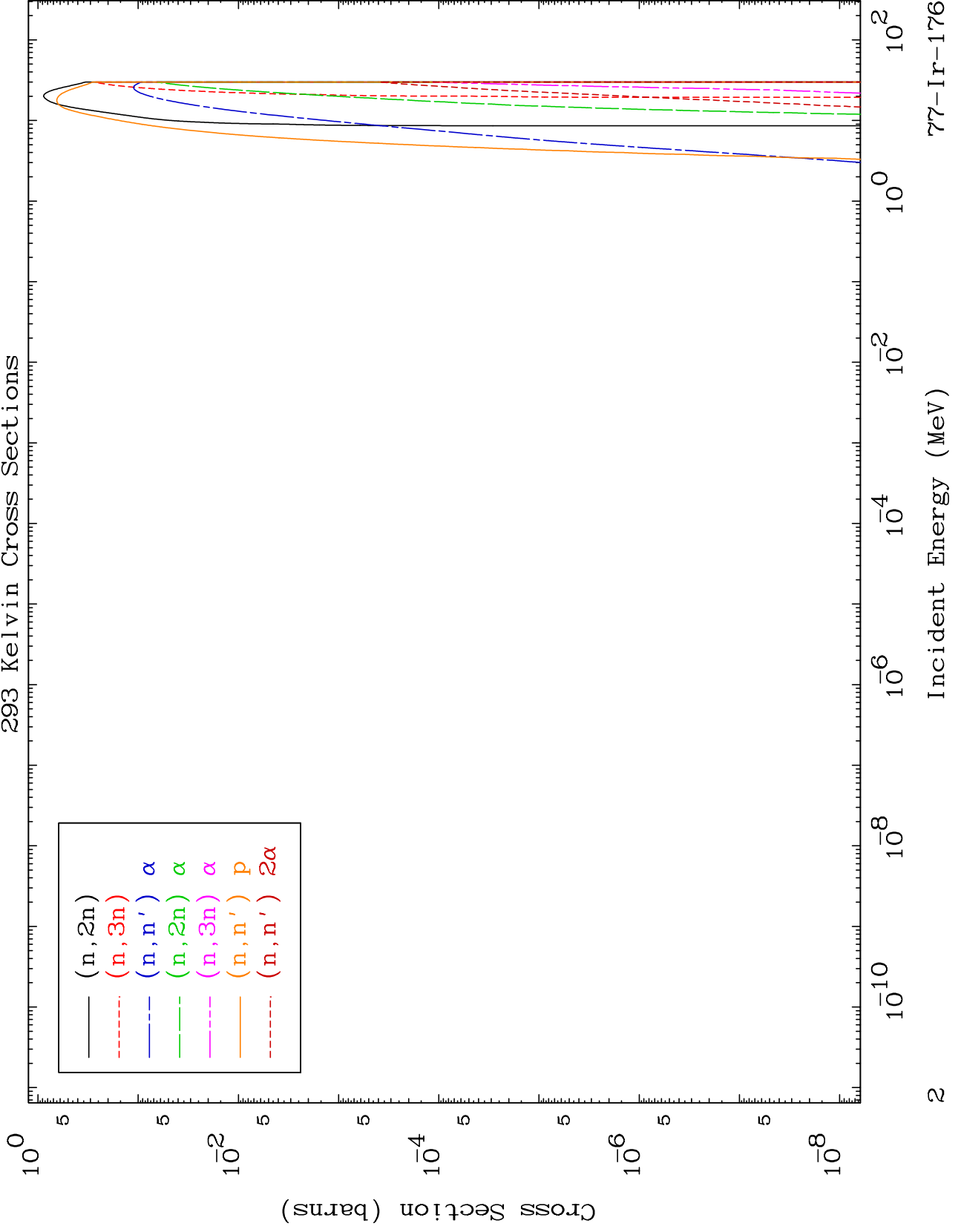
Press Mouse Button to Start

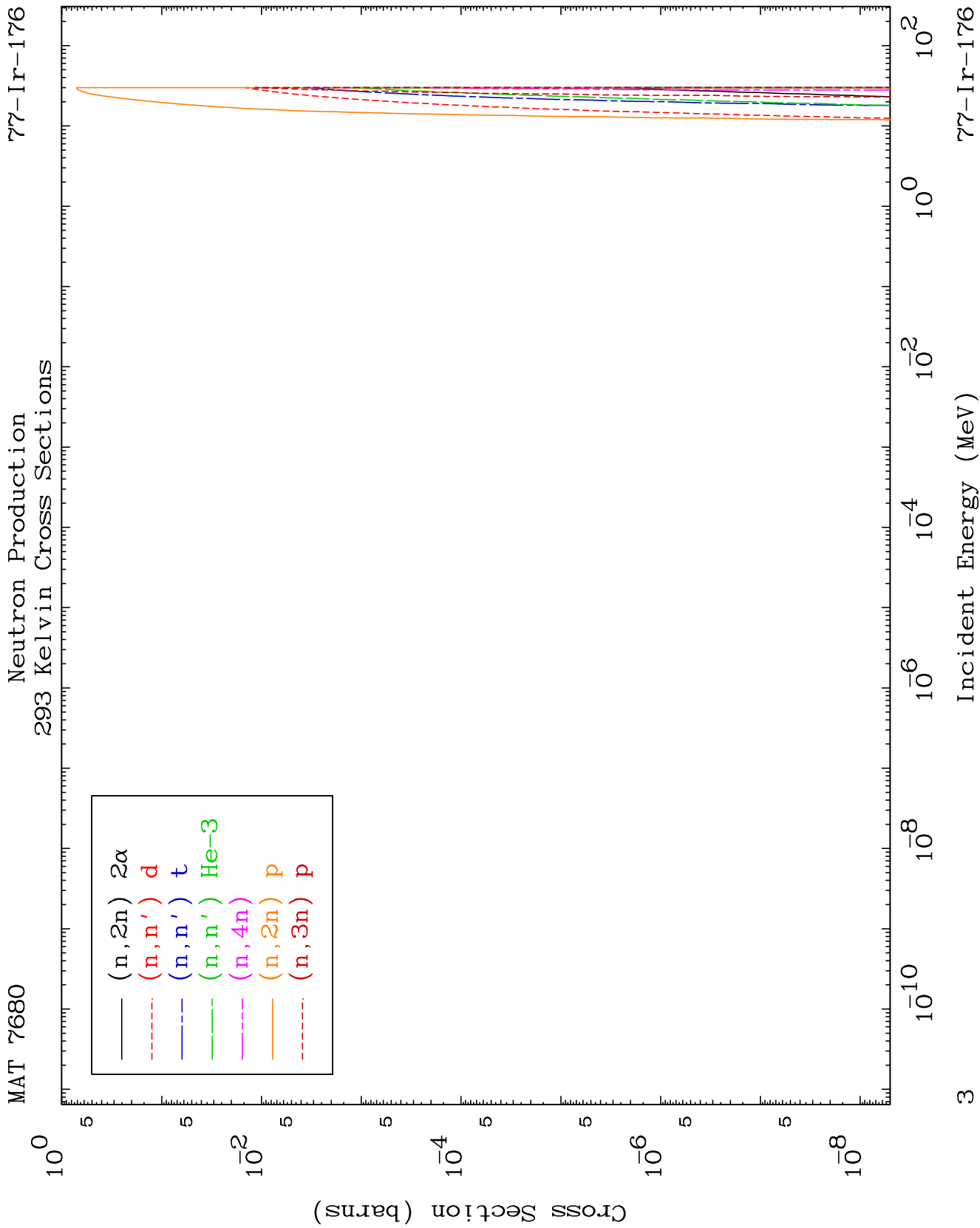


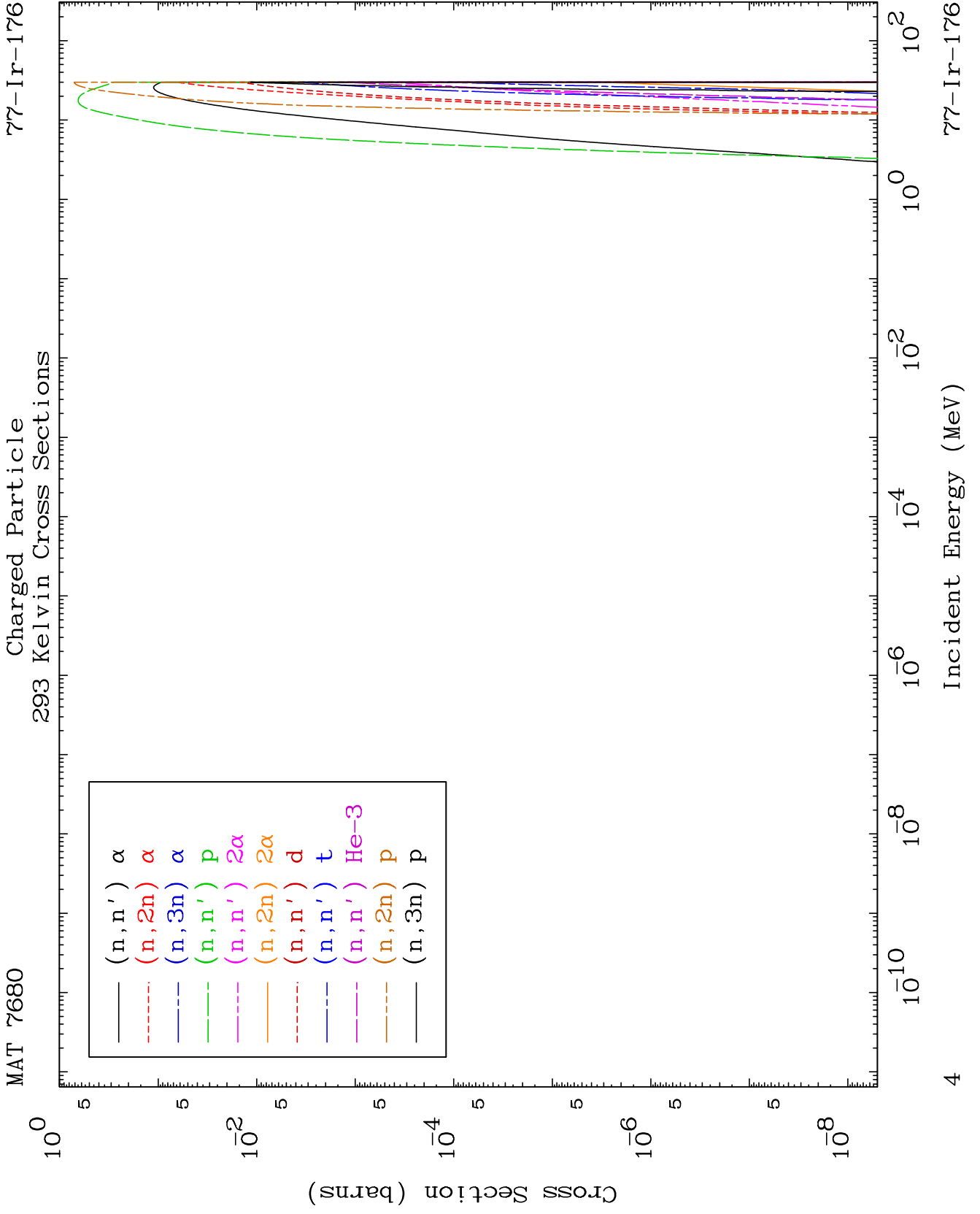
MAT 7680

Neutron Production
293 Kelvin Cross Sections

77-Ir-176



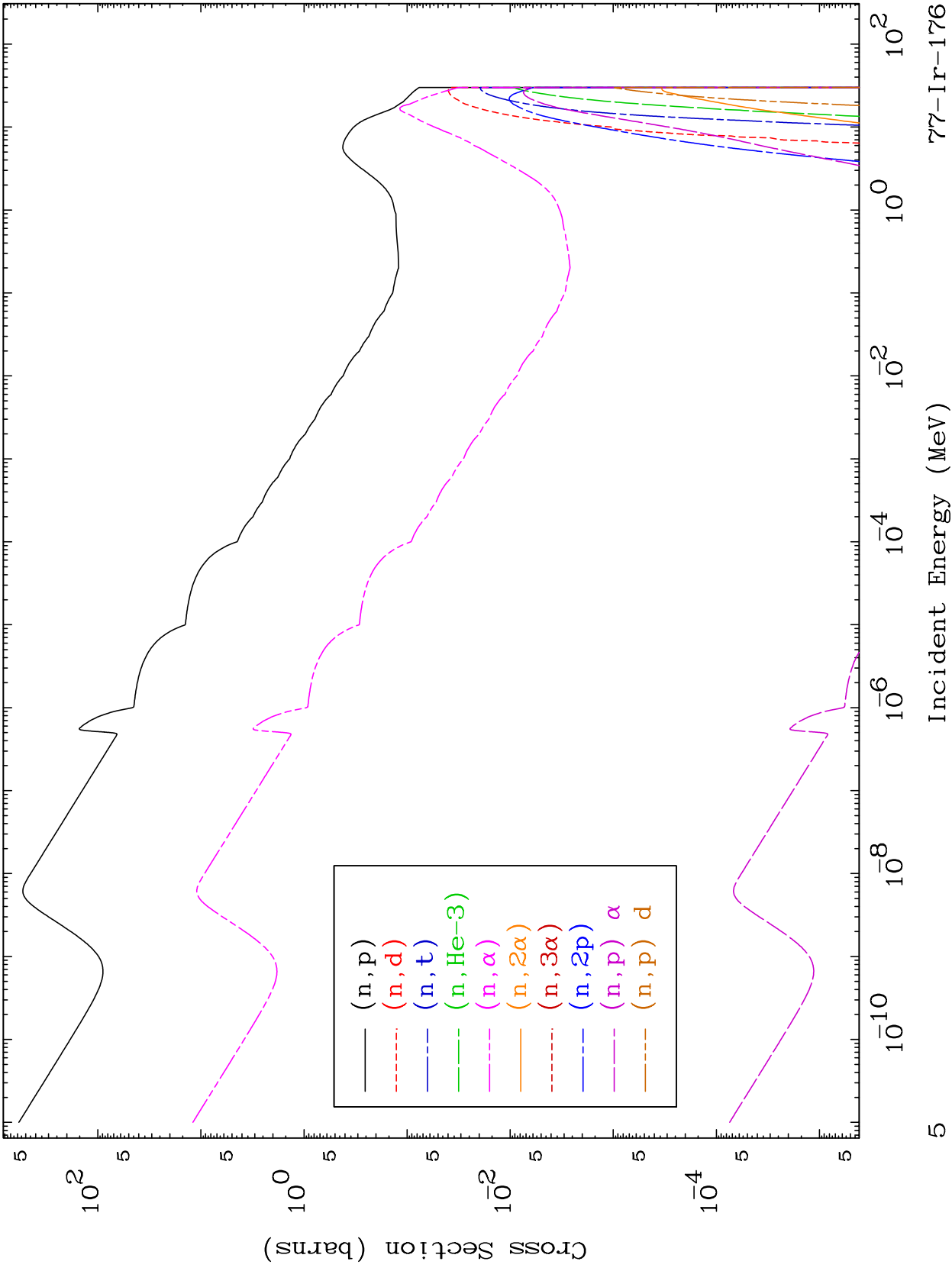


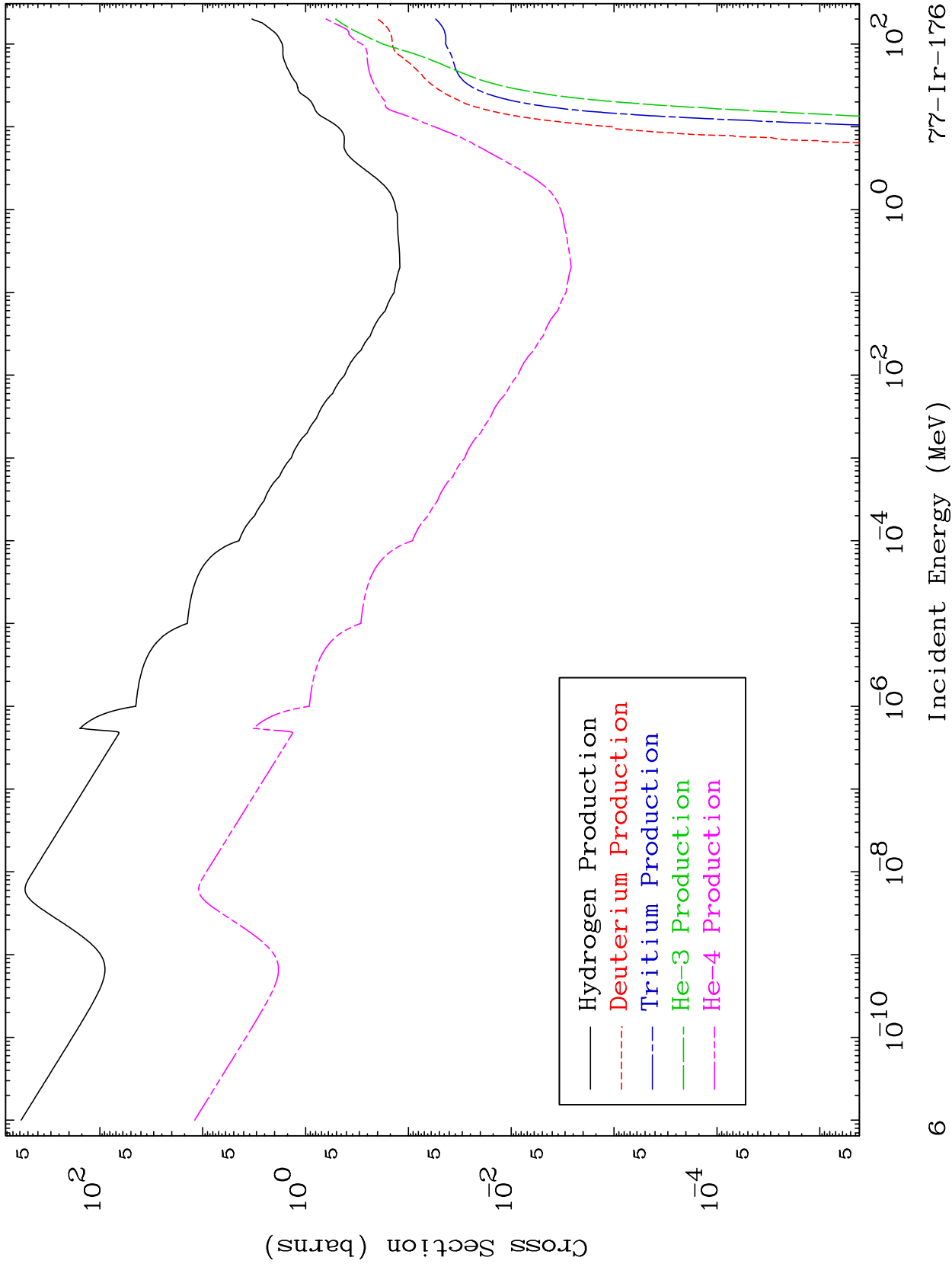


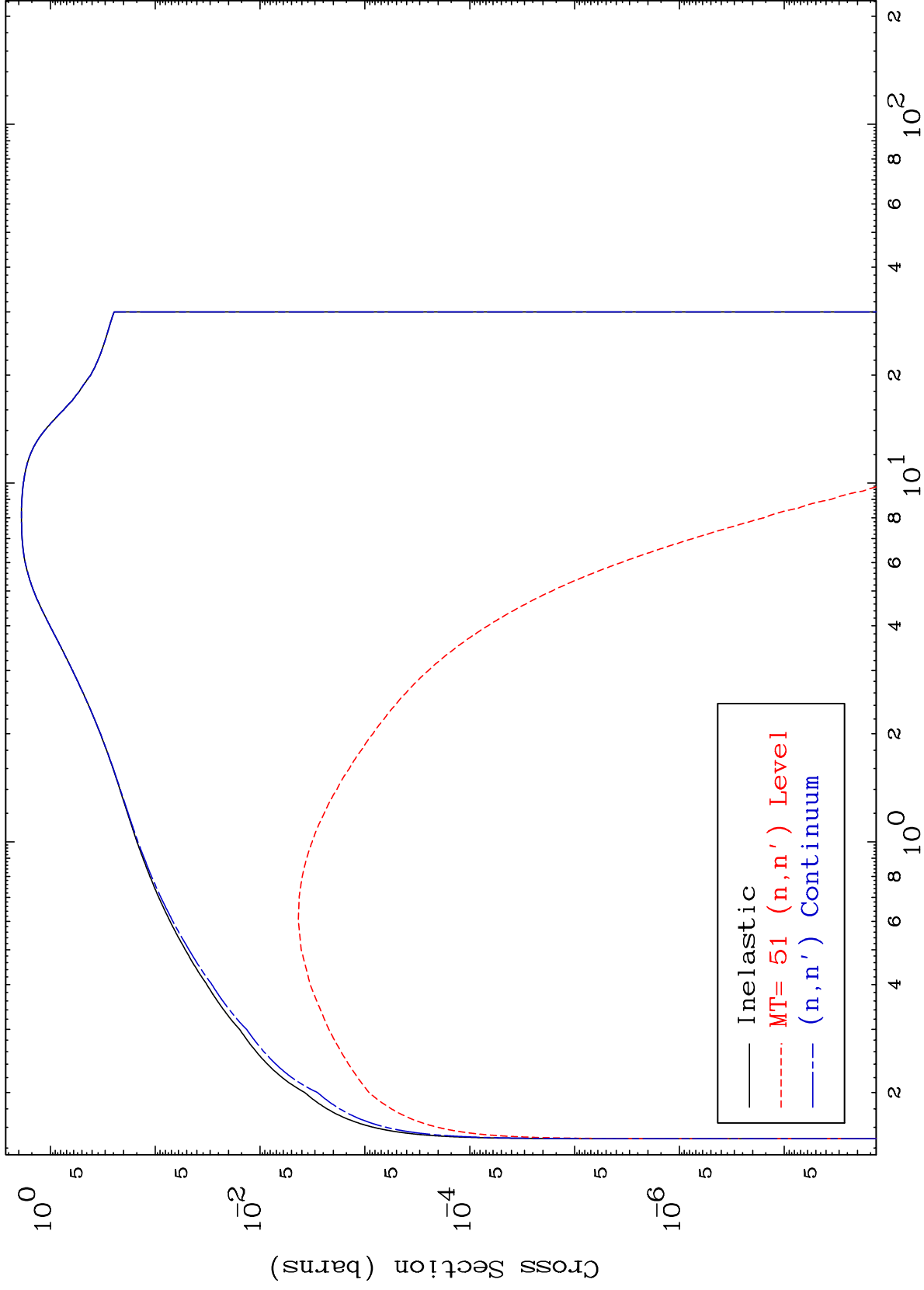
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Charged Particle
293 Kelvin Cross Sections

77-Ir-176



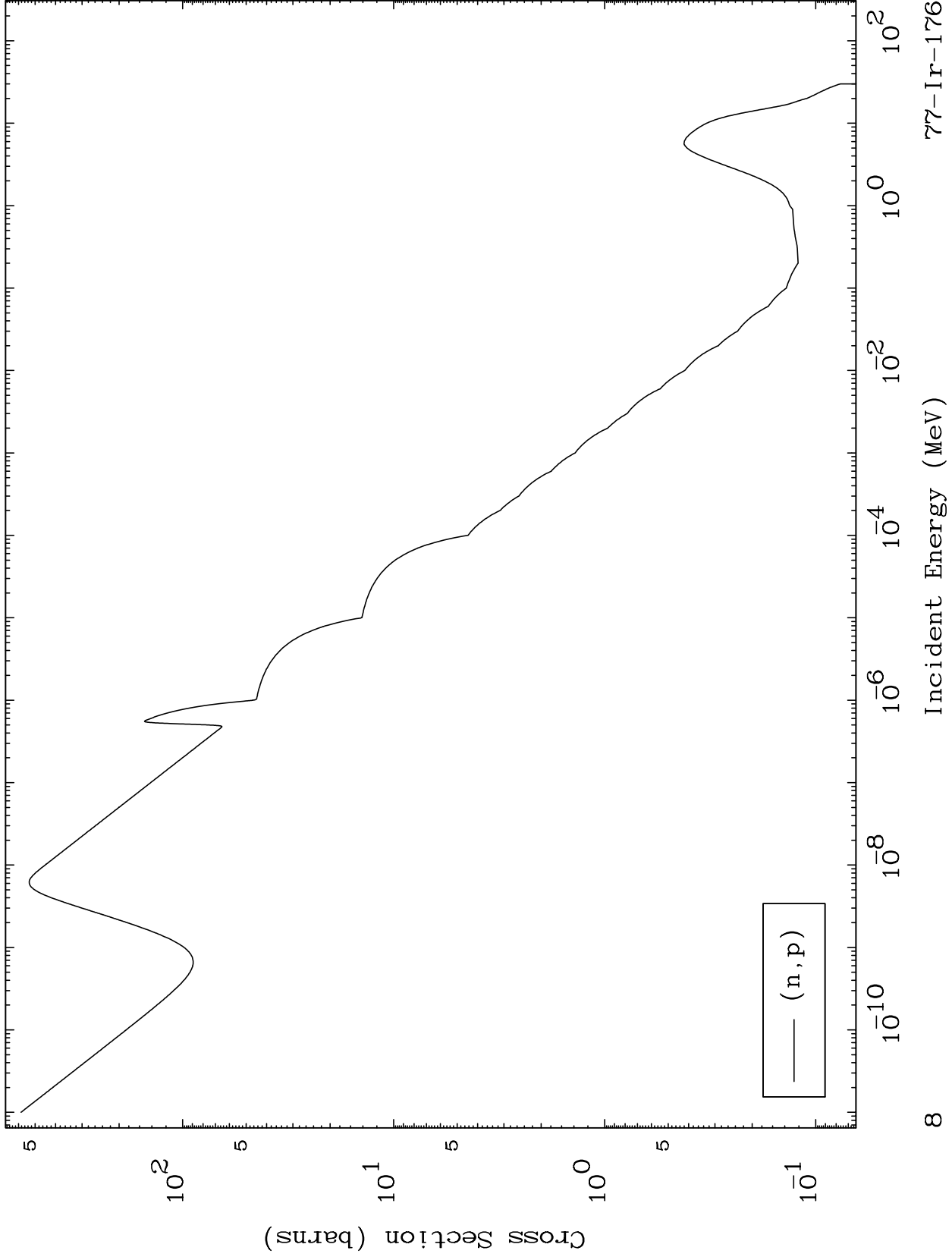




MAT 7680

(n,p) Levels
293 Kelvin Cross Sections

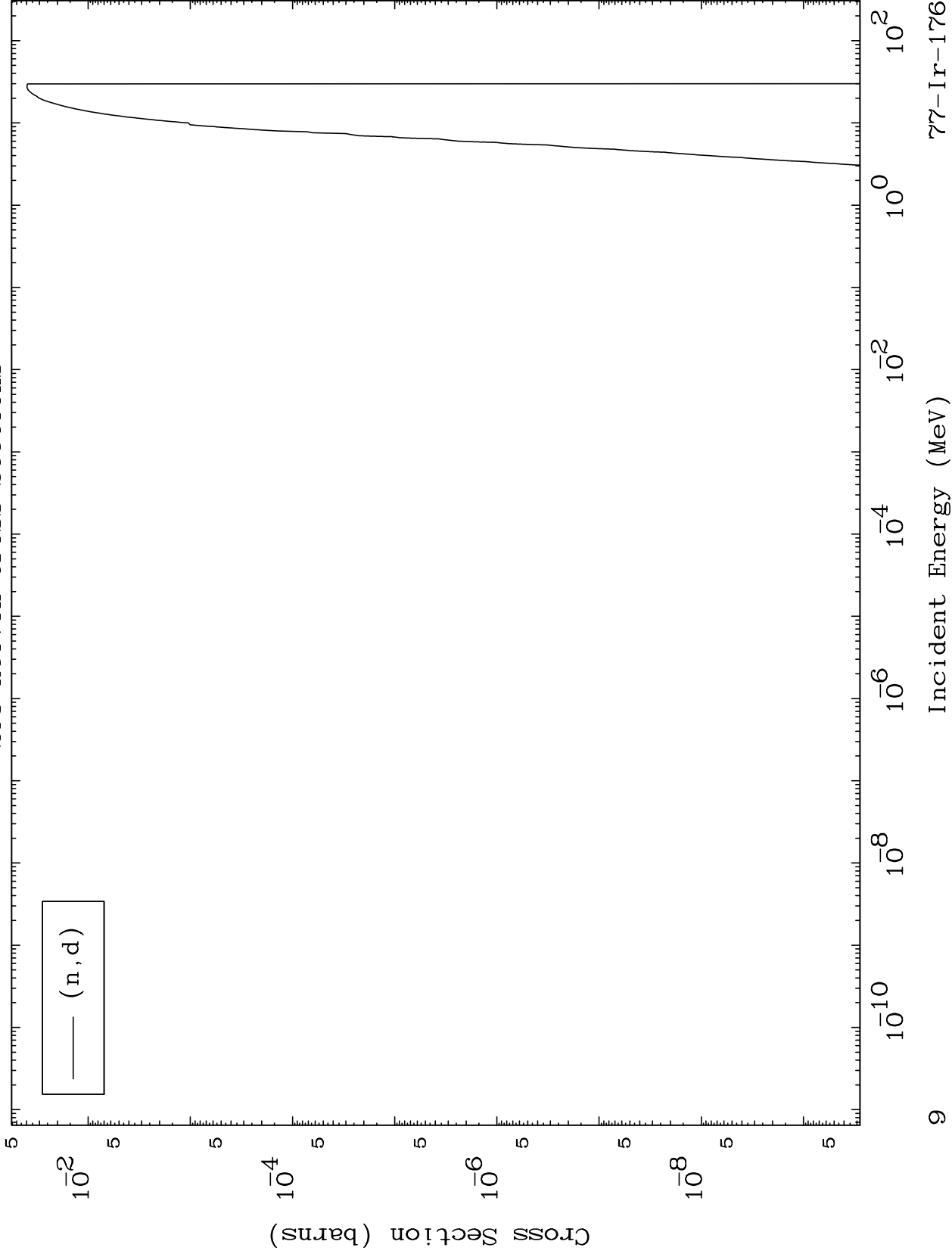
77-Ir-176



MAT 7680

(n,d) Levels
293 Kelvin Cross Sections

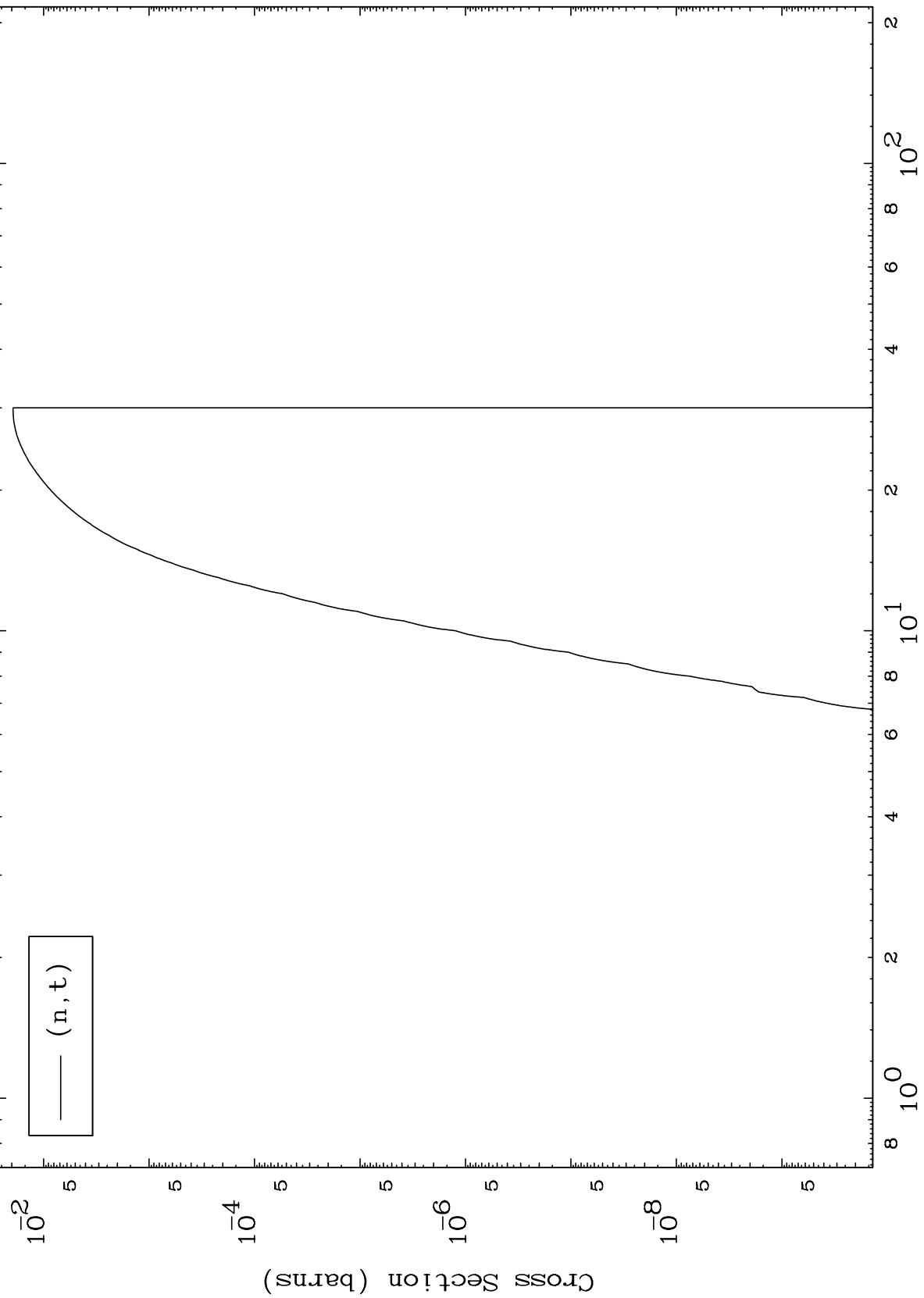
⁷⁷Ir-176



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(n,t) Levels
293 Kelvin Cross Sections

77-Ir-176



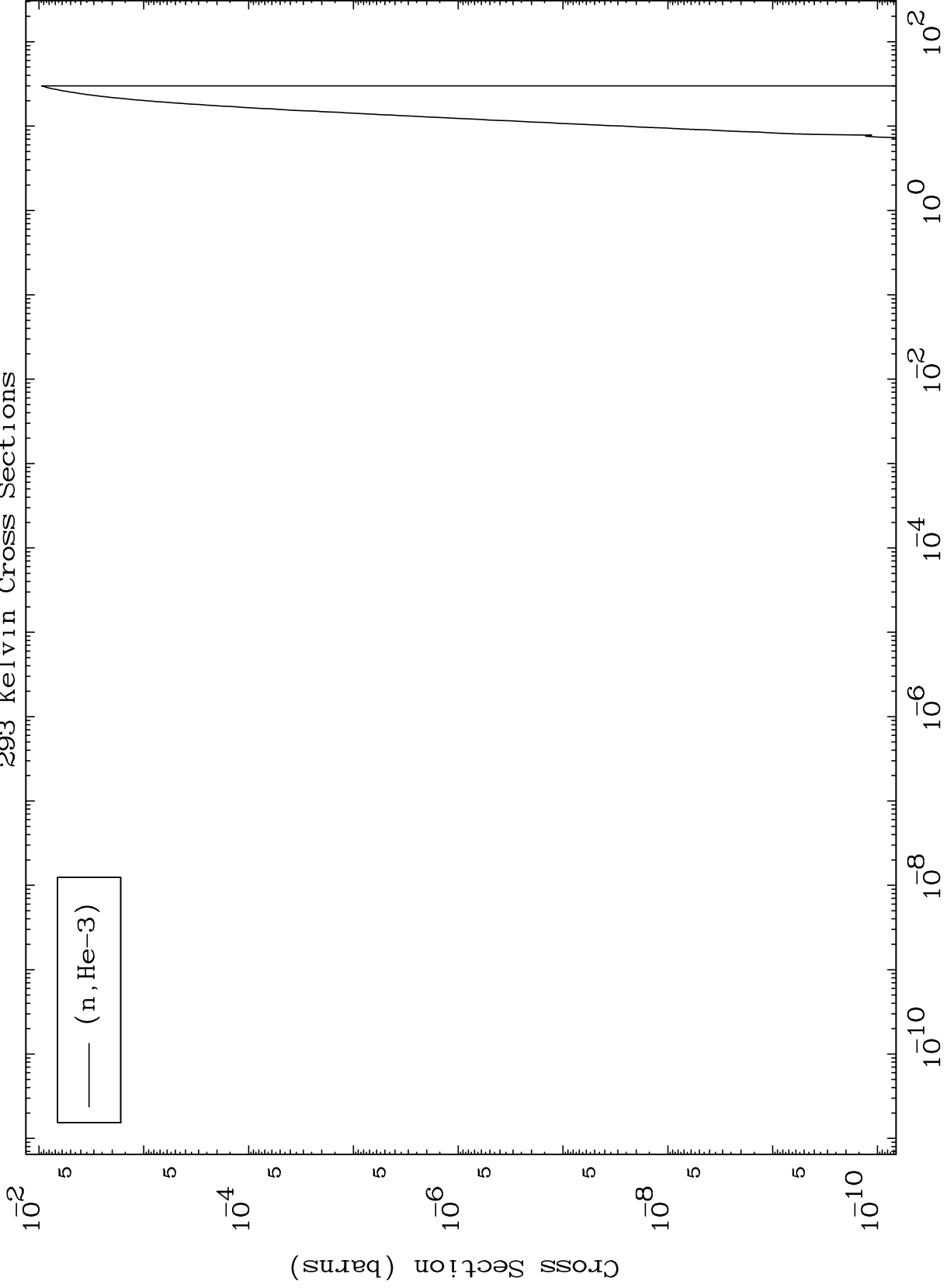
Incident Energy (MeV)

77-Ir-176

MAT 7680

(n,He3) Levels
293 Kelvin Cross Sections

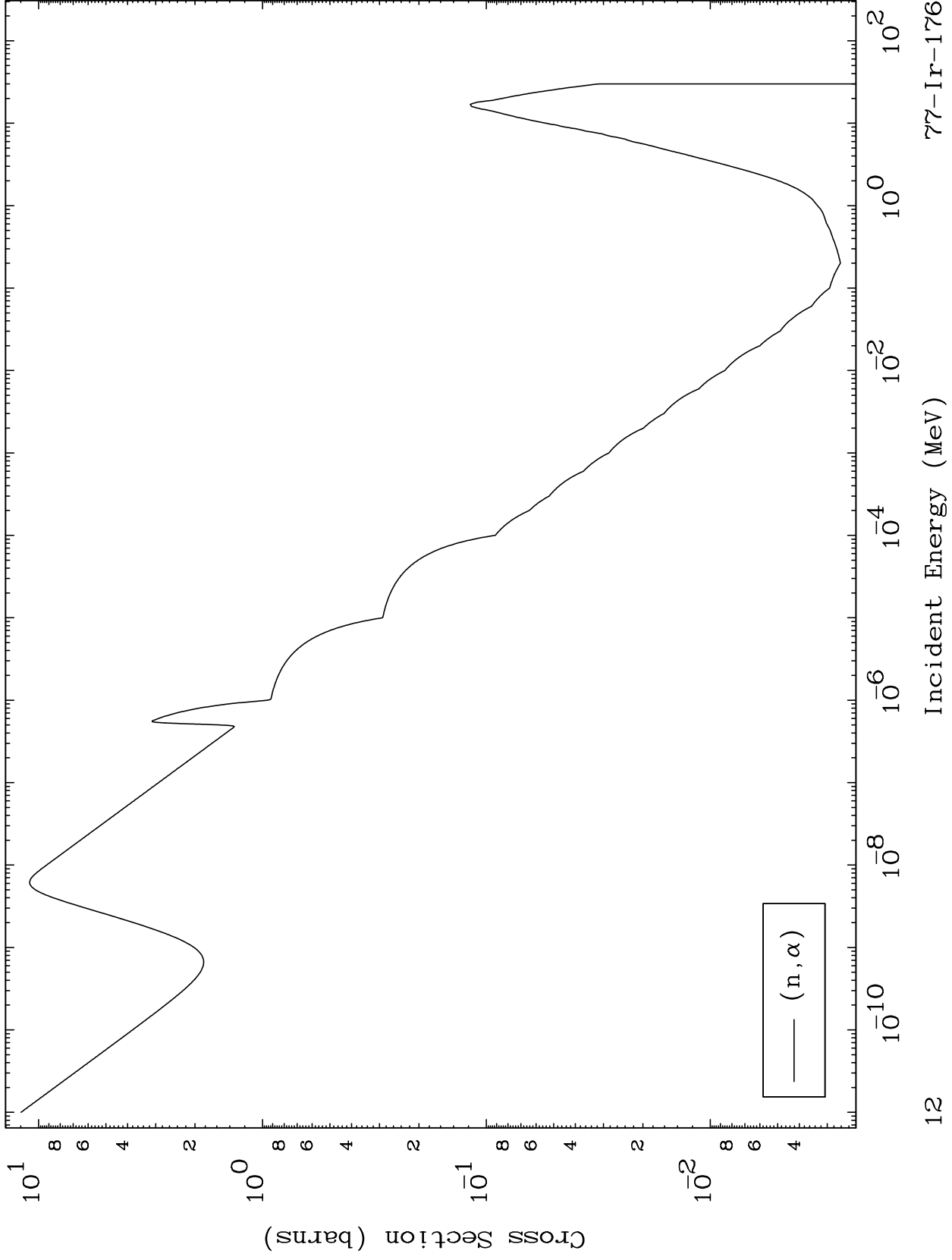
⁷⁷Ir-176

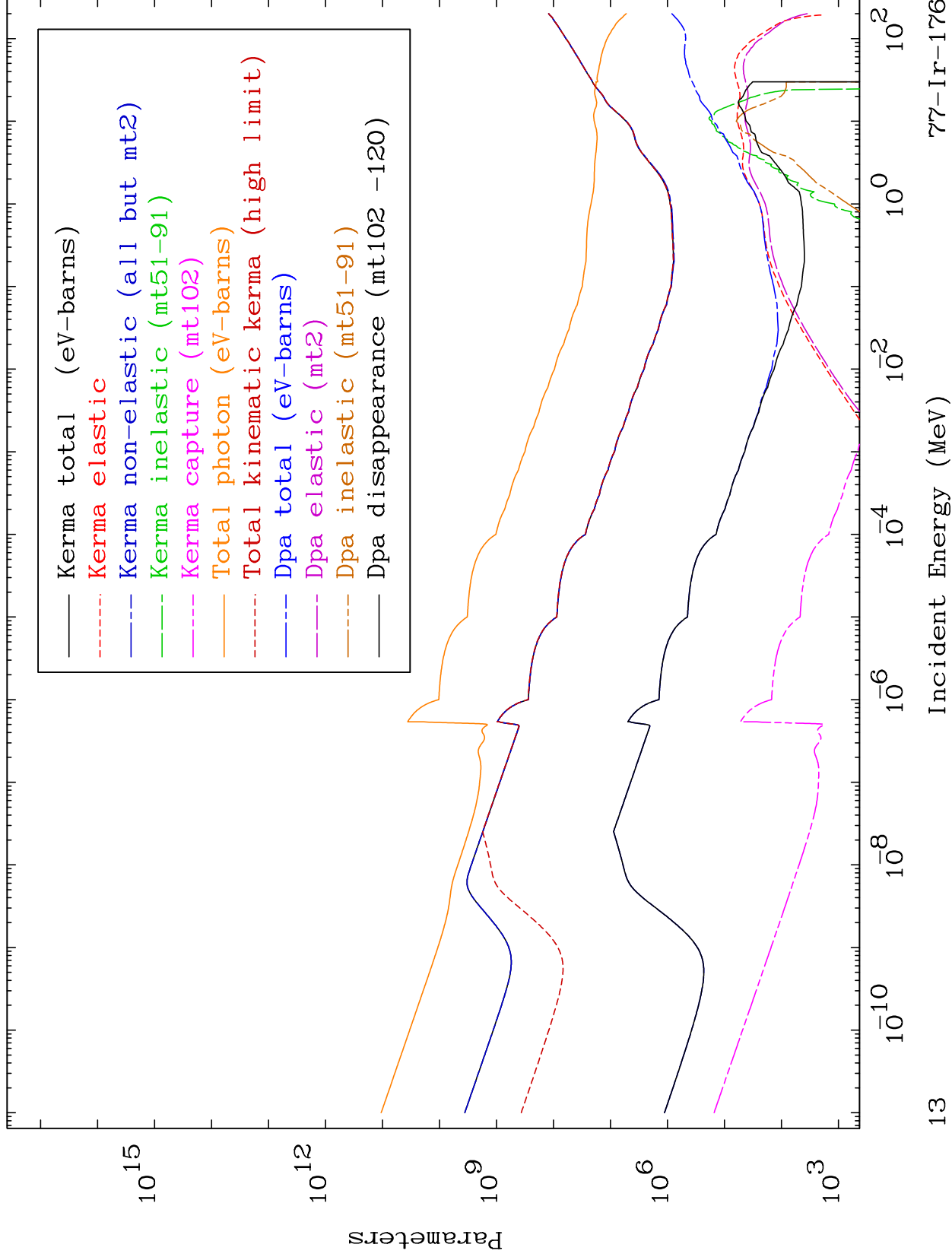


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(n,α) Levels
293 Kelvin Cross Sections

77-Ir-176

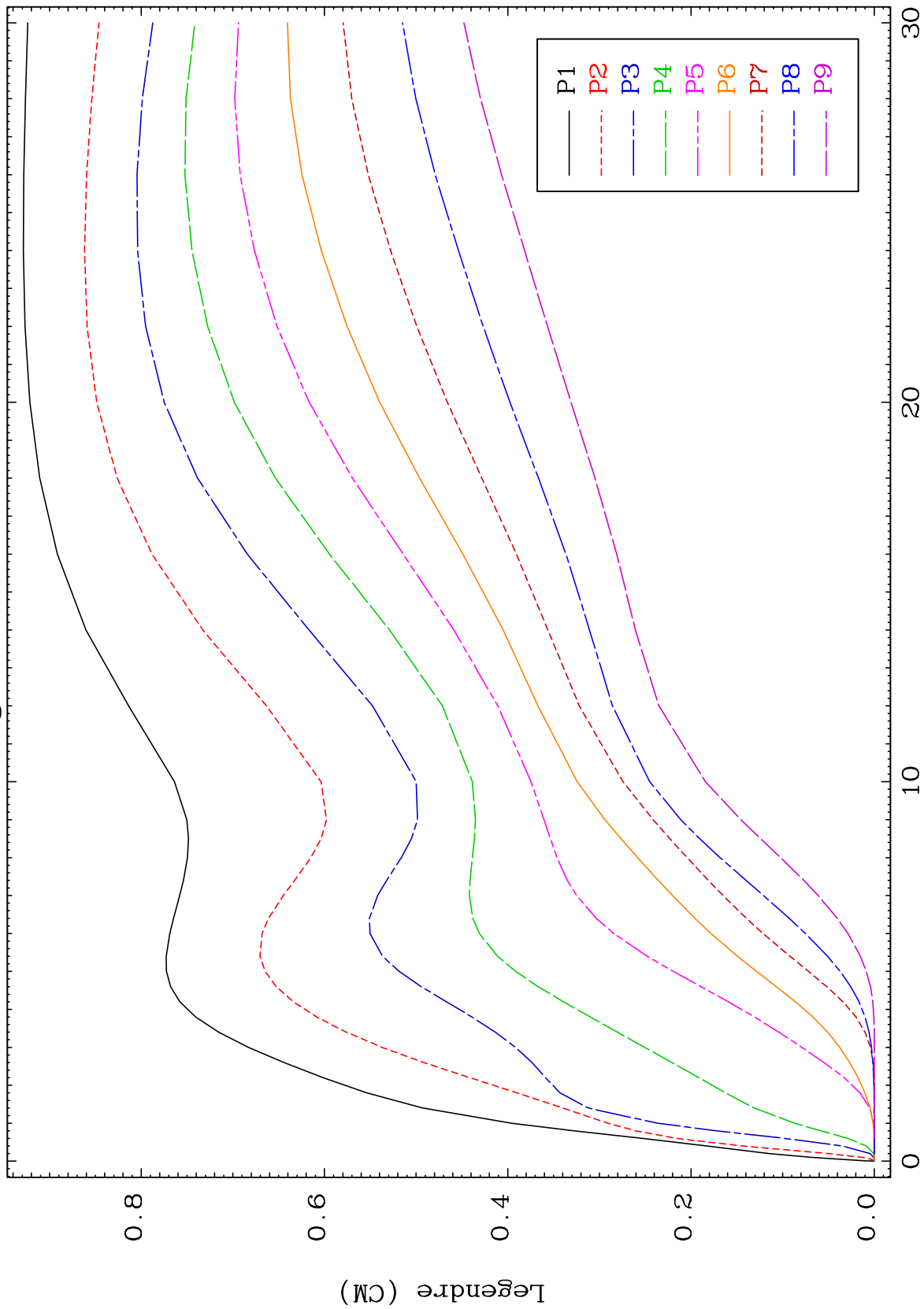




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Elastic Legendre Coefficients

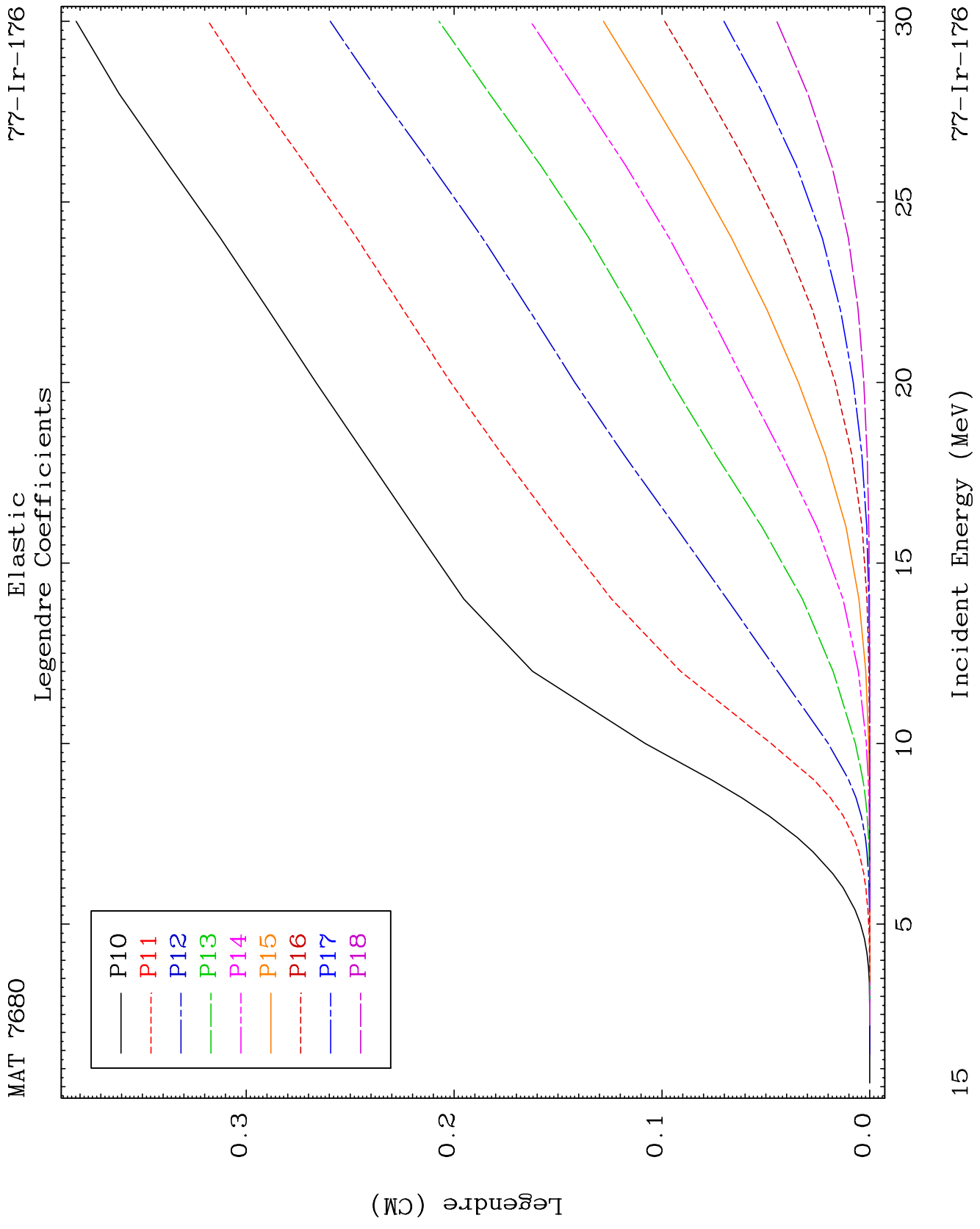
⁷⁷Ir-176



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Incident Energy (MeV)

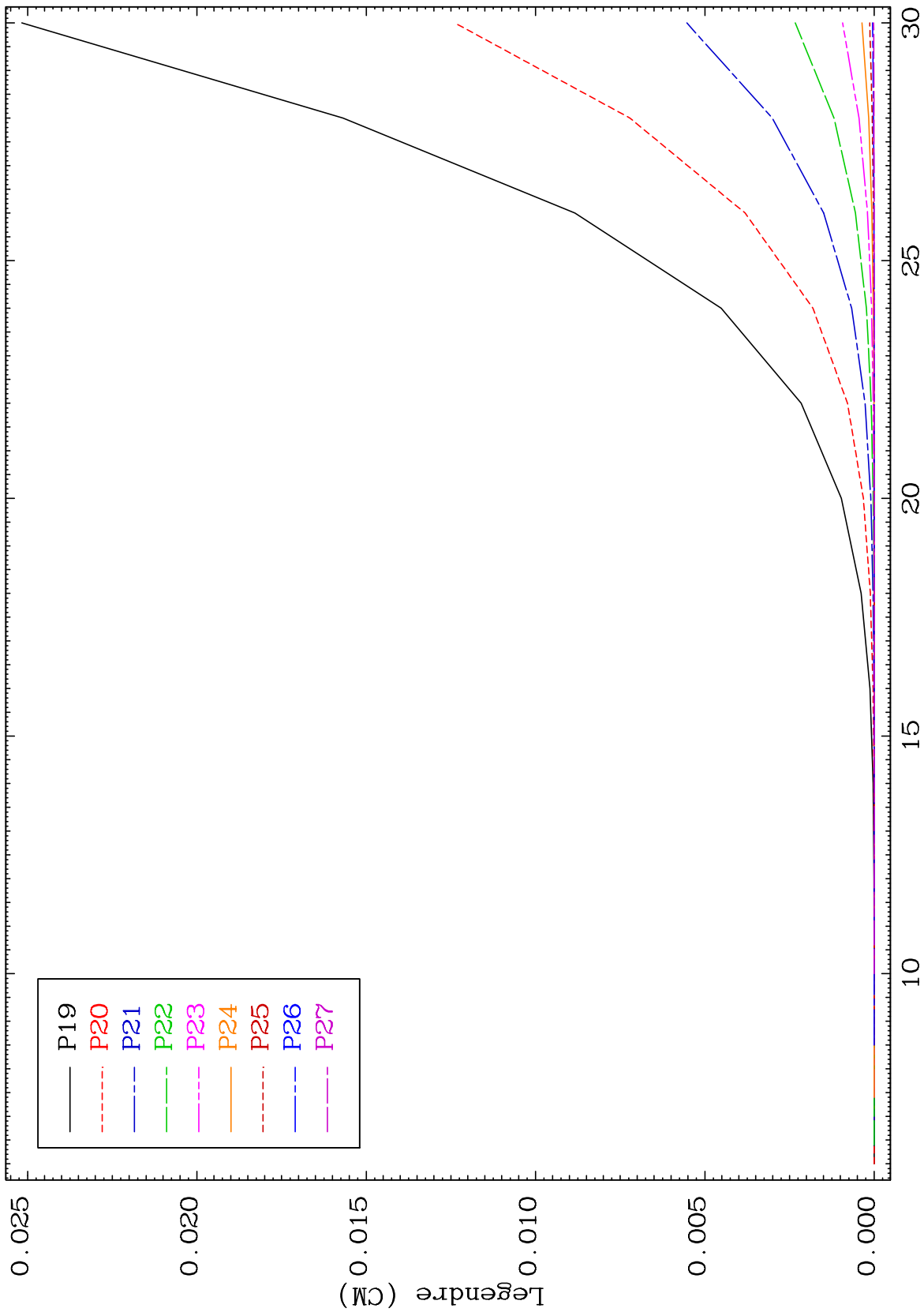
⁷⁷Ir-176



MAT 7680

Elastic Legendre Coefficients

⁷⁷Ir-176



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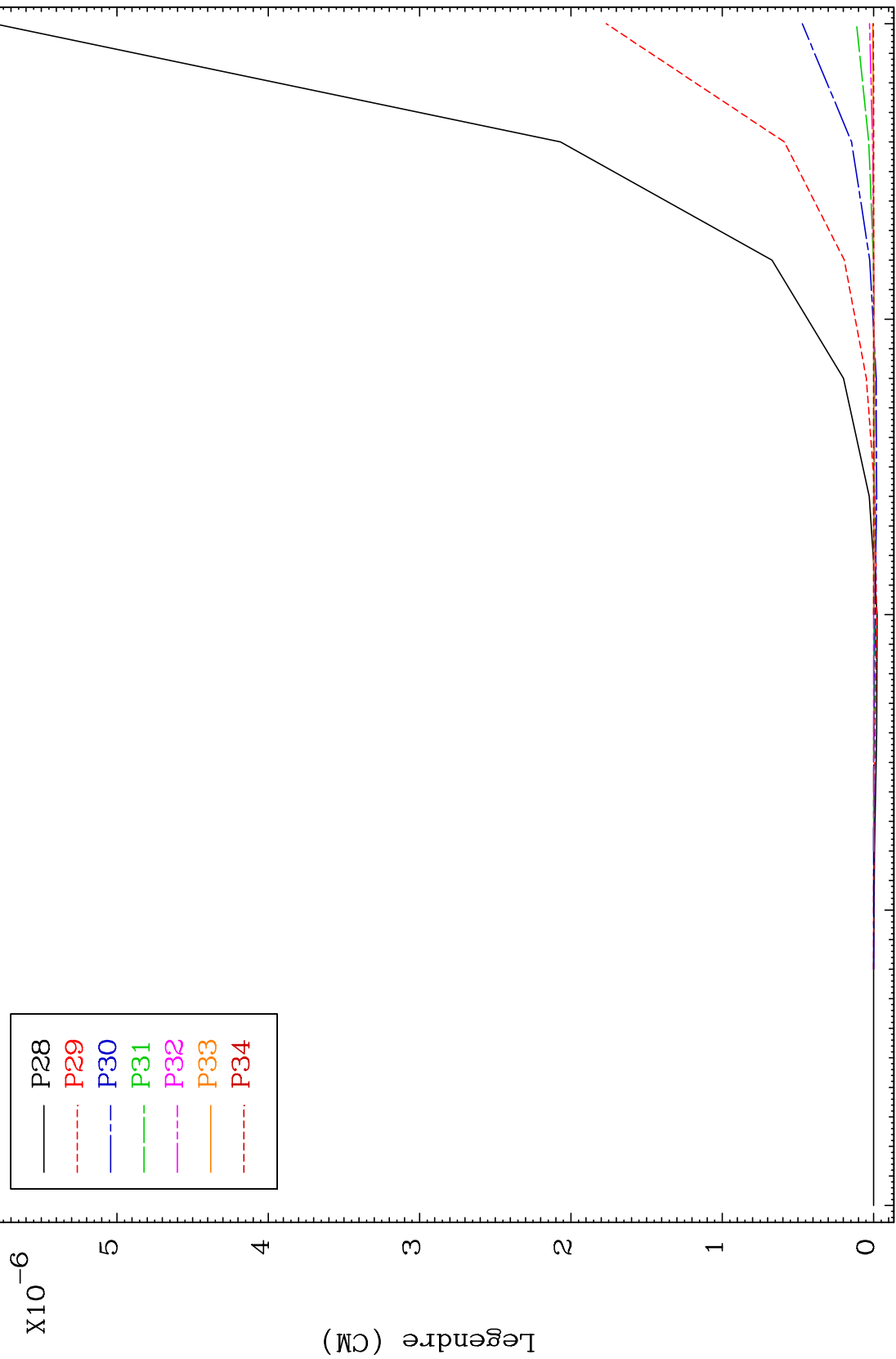
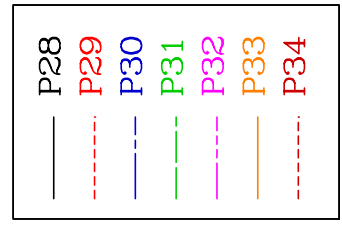
Incident Energy (MeV)

⁷⁷Ir-176

MAT 7680

Elastic Legendre Coefficients

⁷⁷Ir-176



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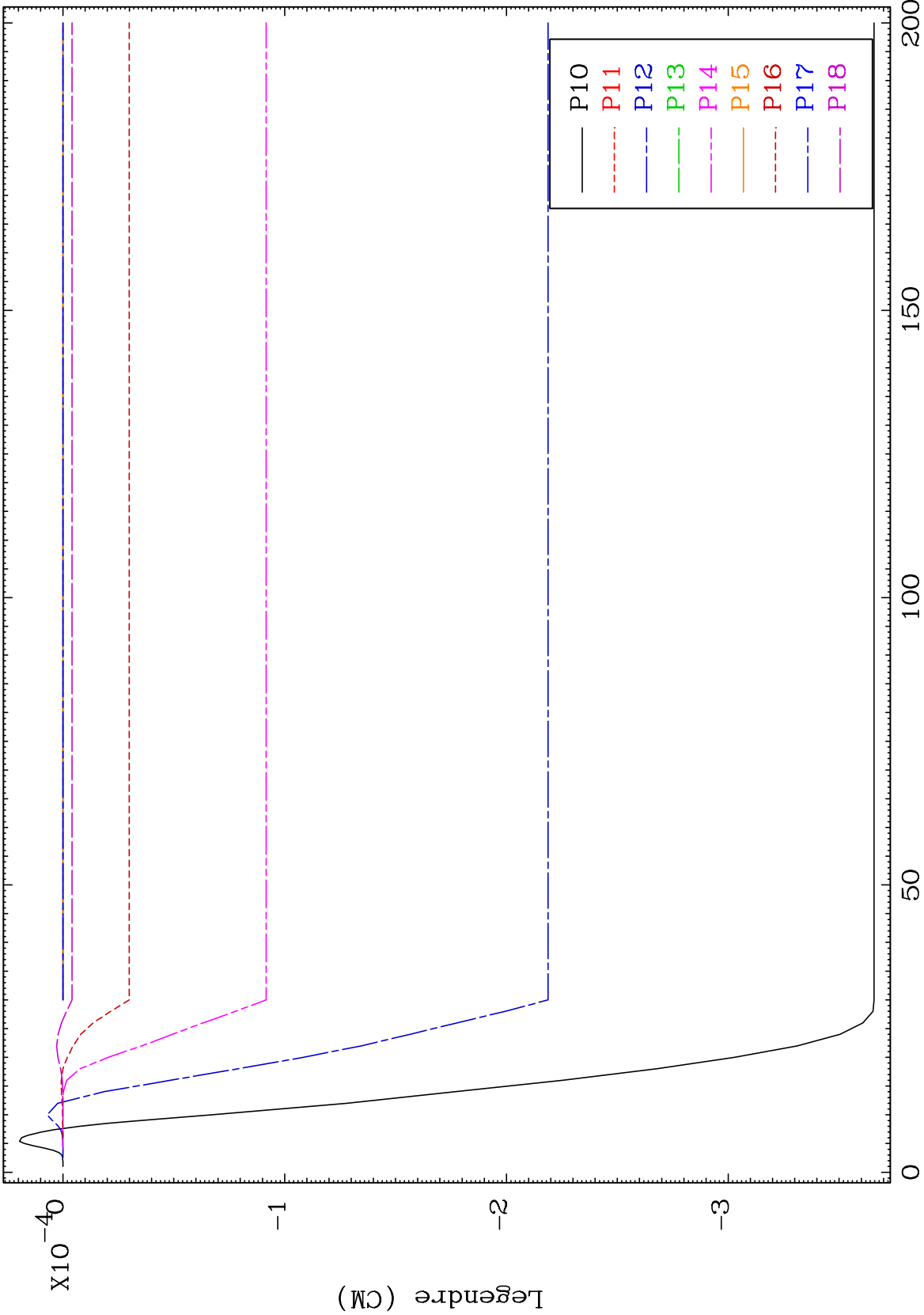
Incident Energy (MeV)

⁷⁷Ir-176

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

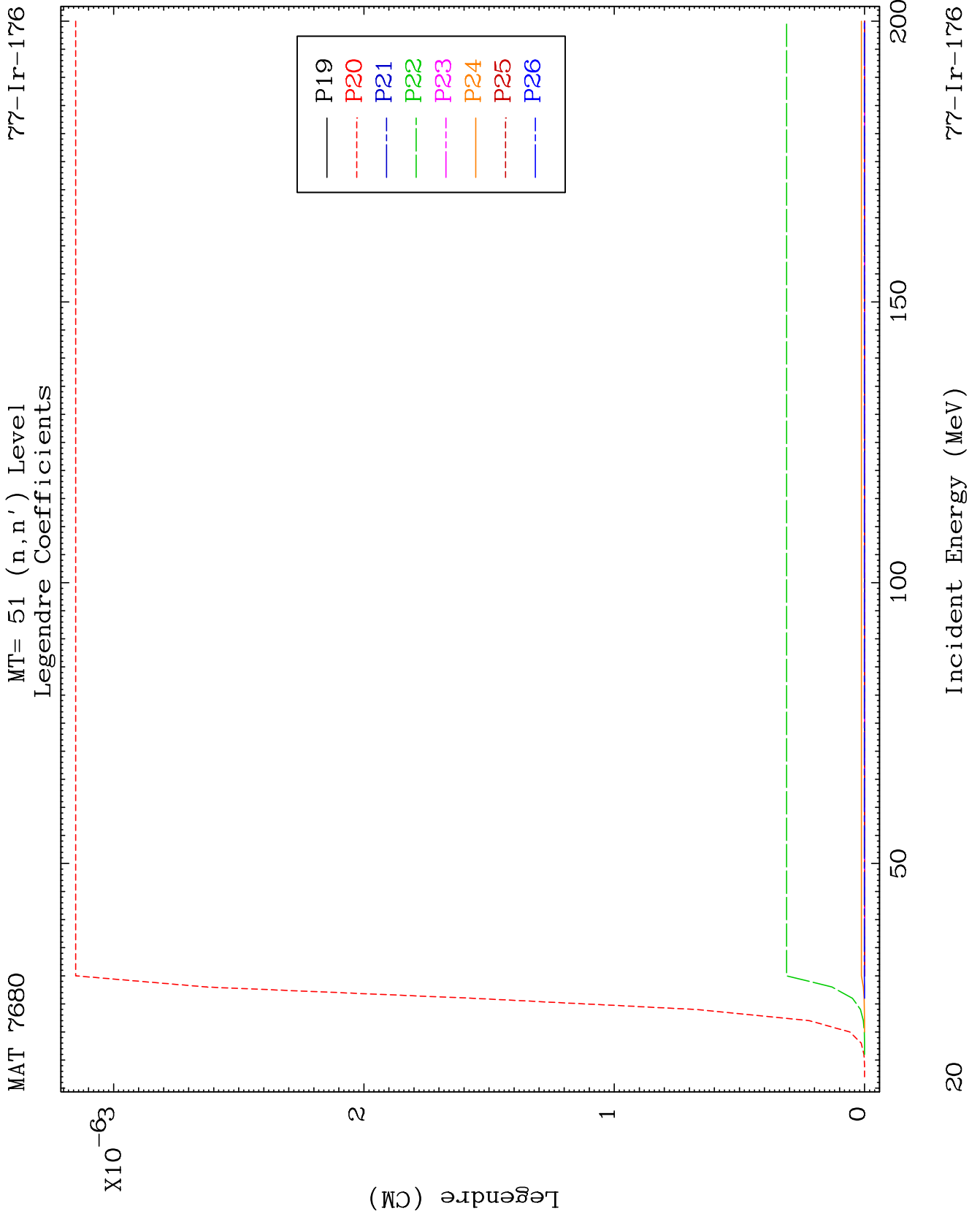
77-Ir-176



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Incident Energy (MeV)

77-Ir-176

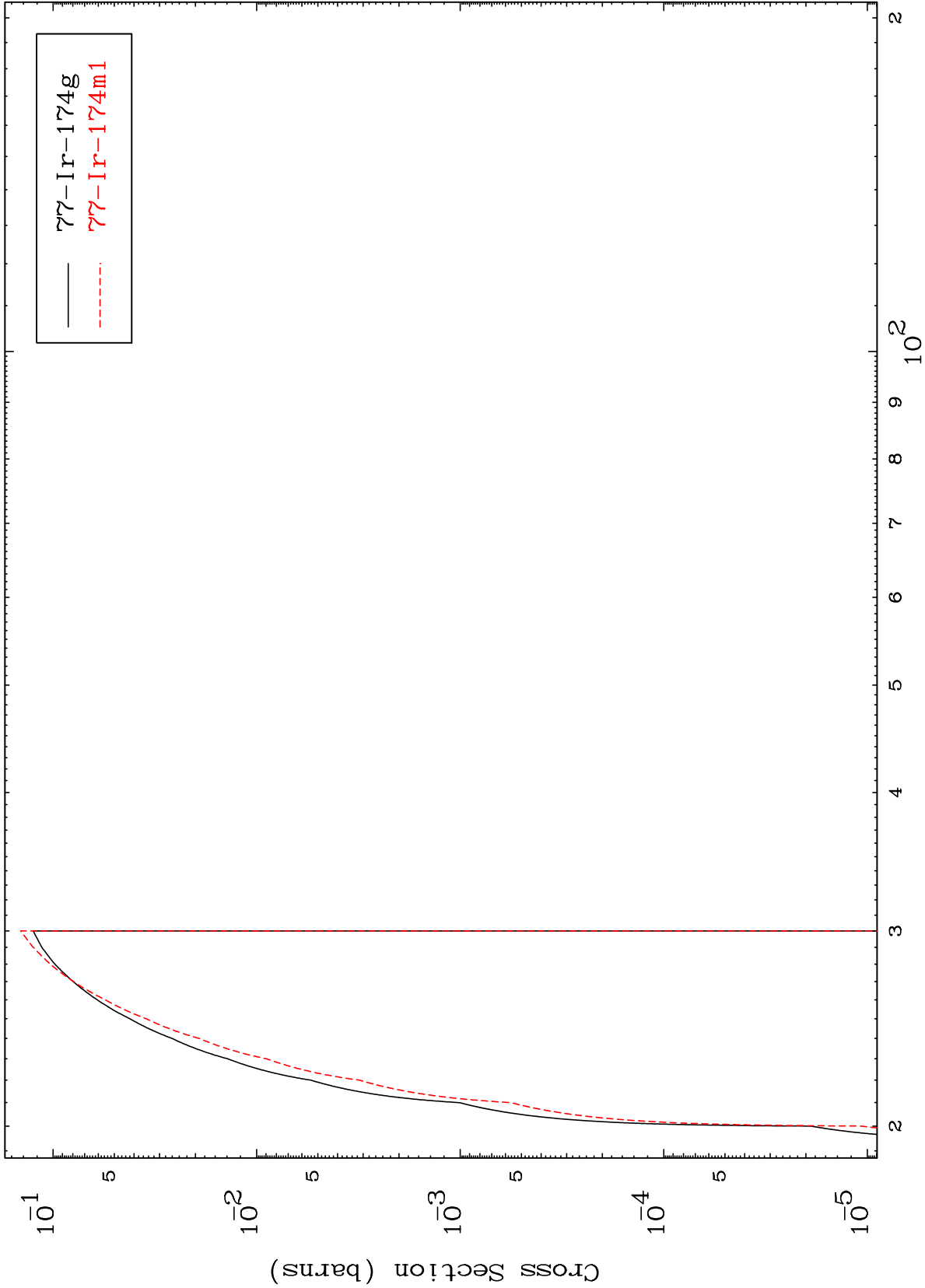


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(n,3n)

⁷⁷Ir-176

Radionuclide Production Cross Section

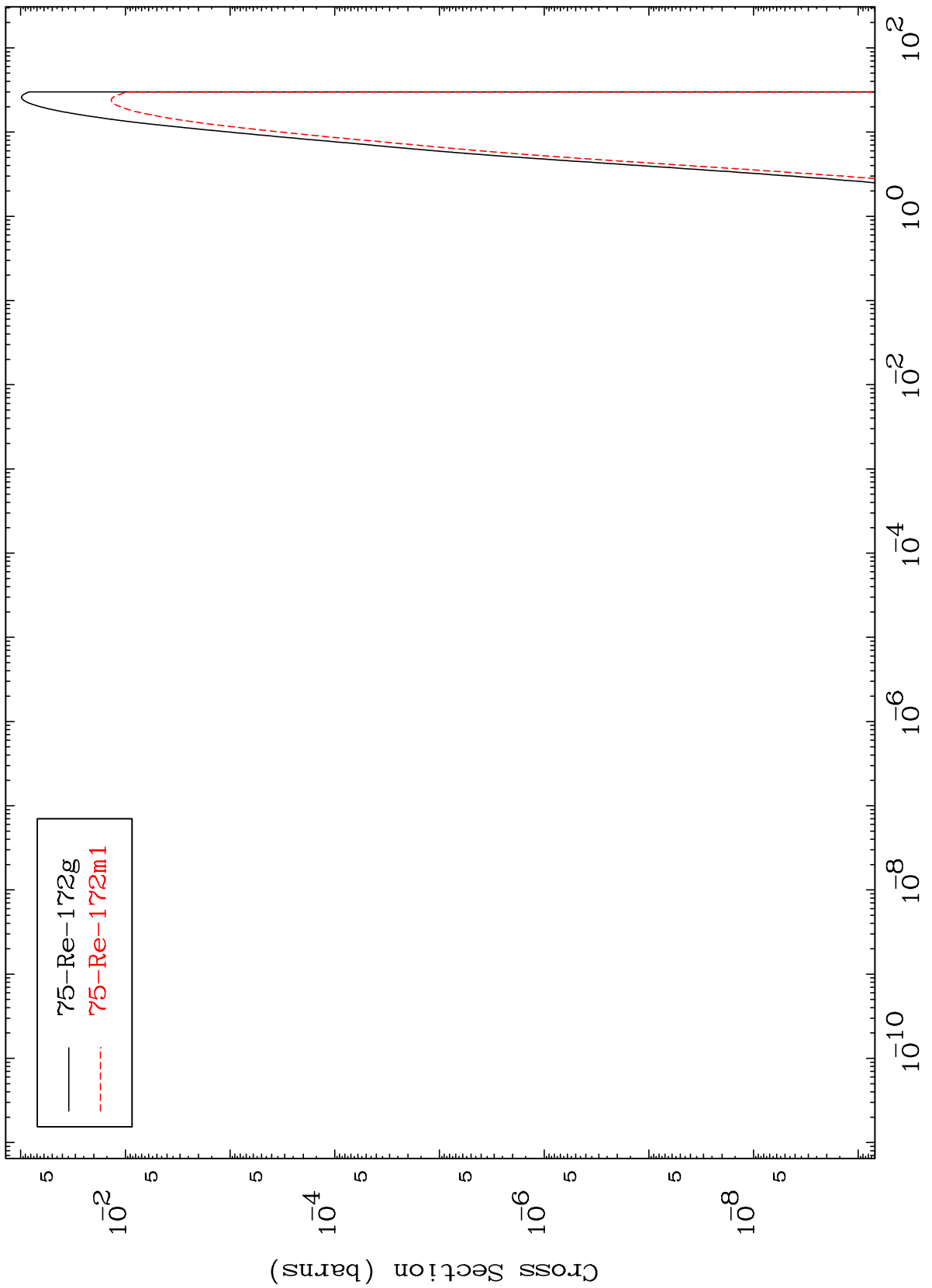


MAT 7680

(n, n') α

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

Radionuclide Production Cross Section

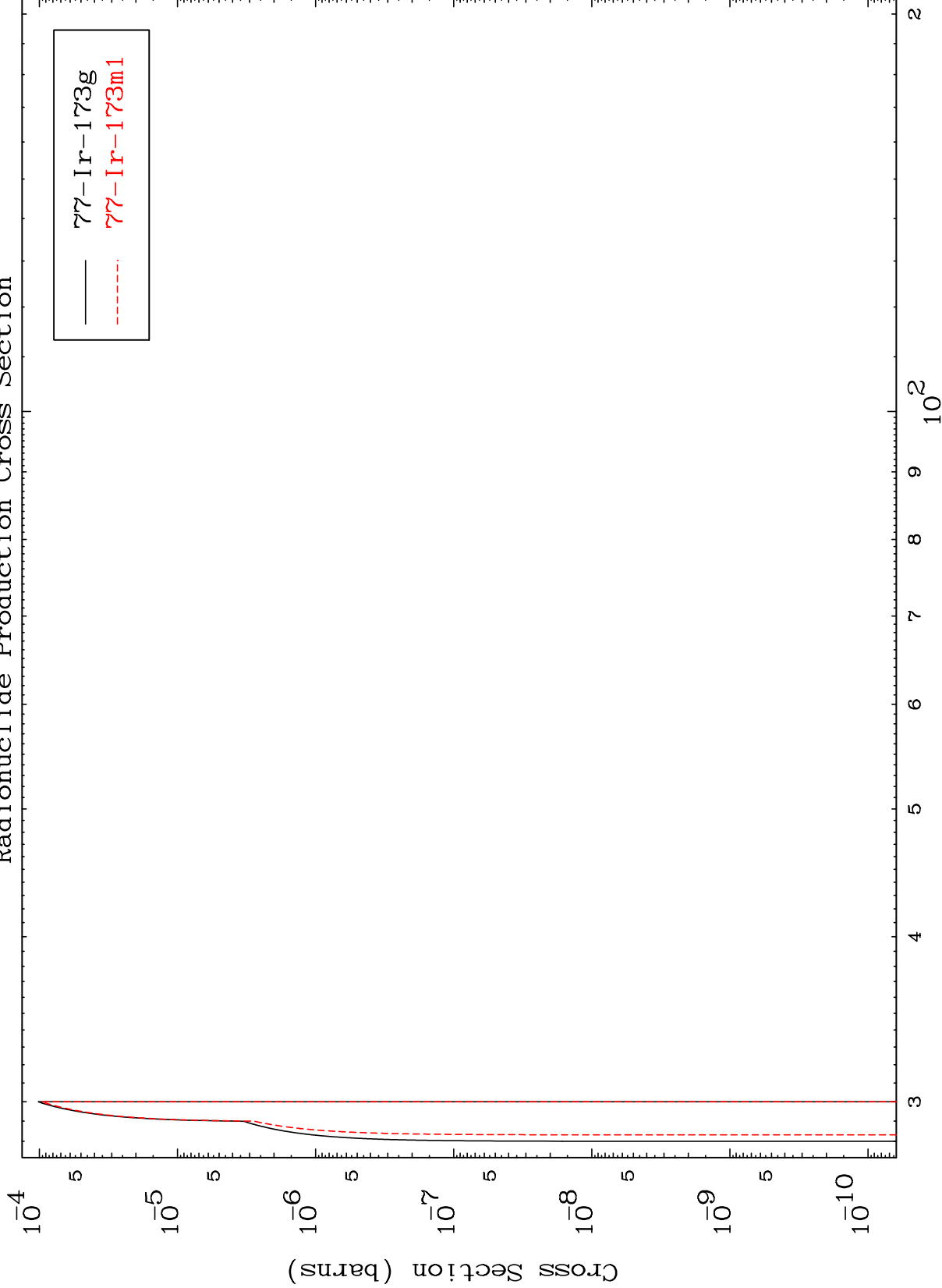


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(n,4n)

⁷⁷Ir-176

Radionuclide Production Cross Section



— ⁷⁷Ir-173g
- - - ⁷⁷Ir-173m1